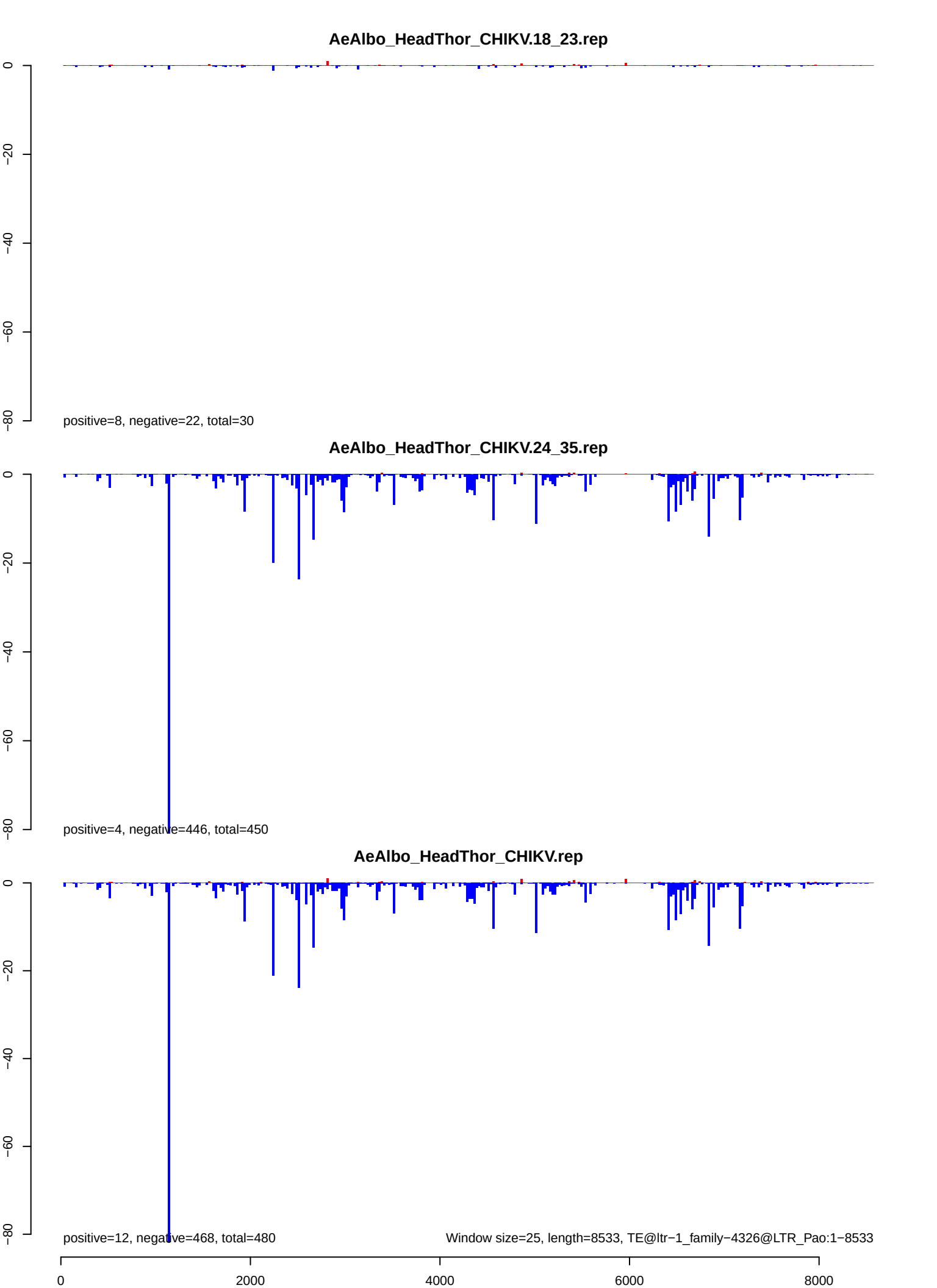
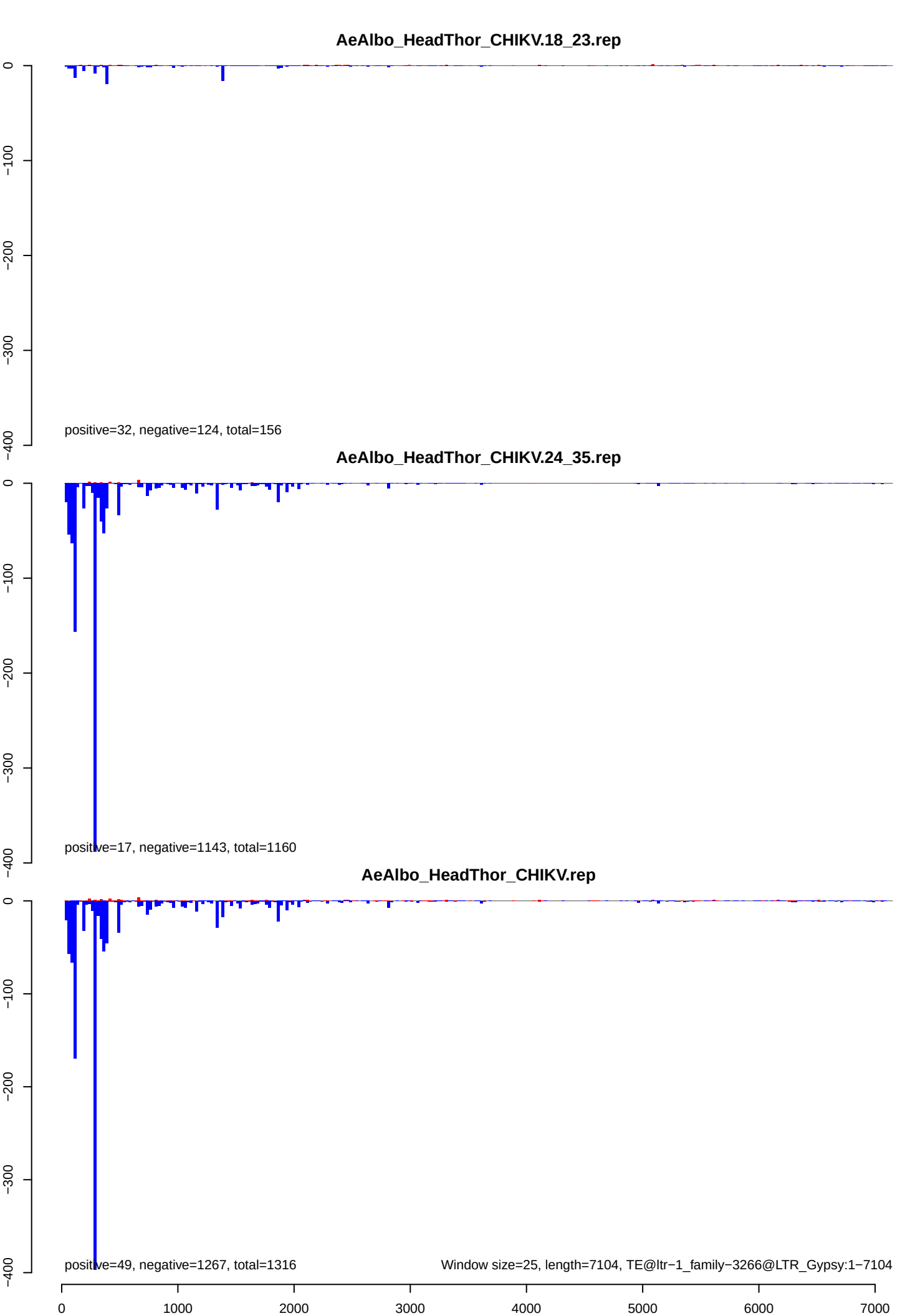
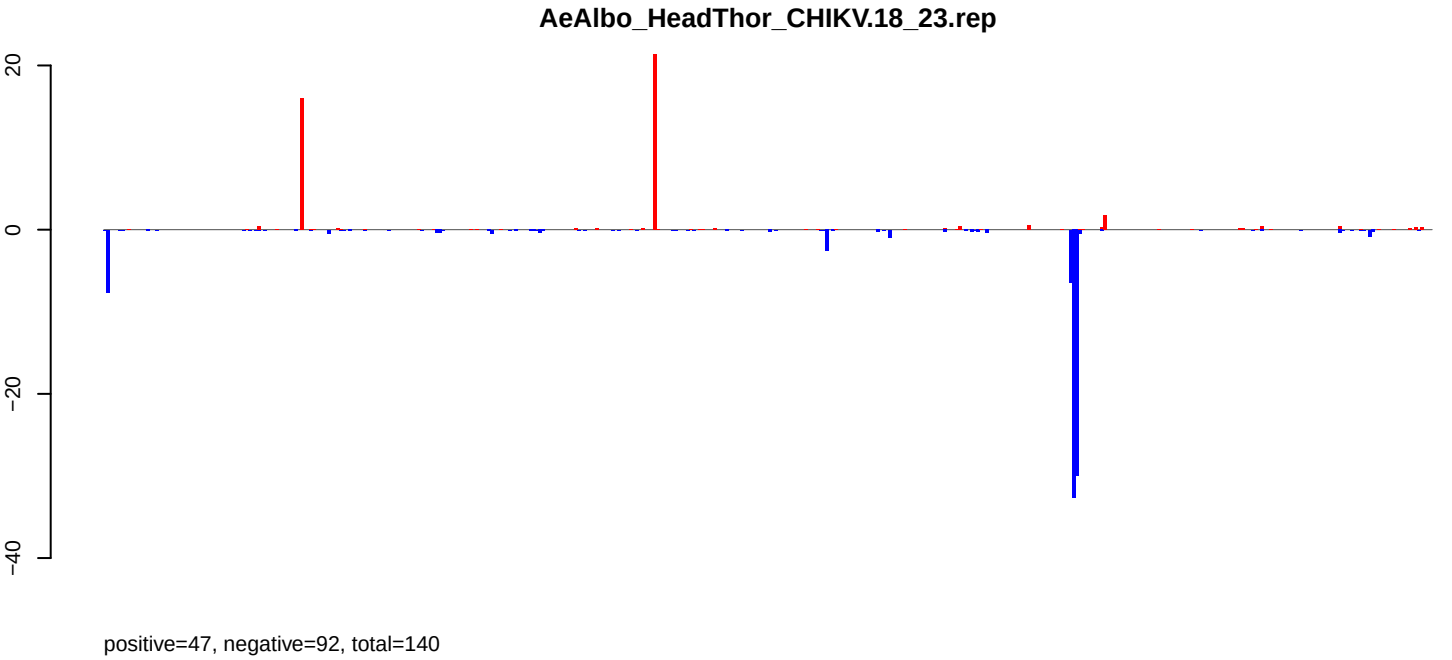
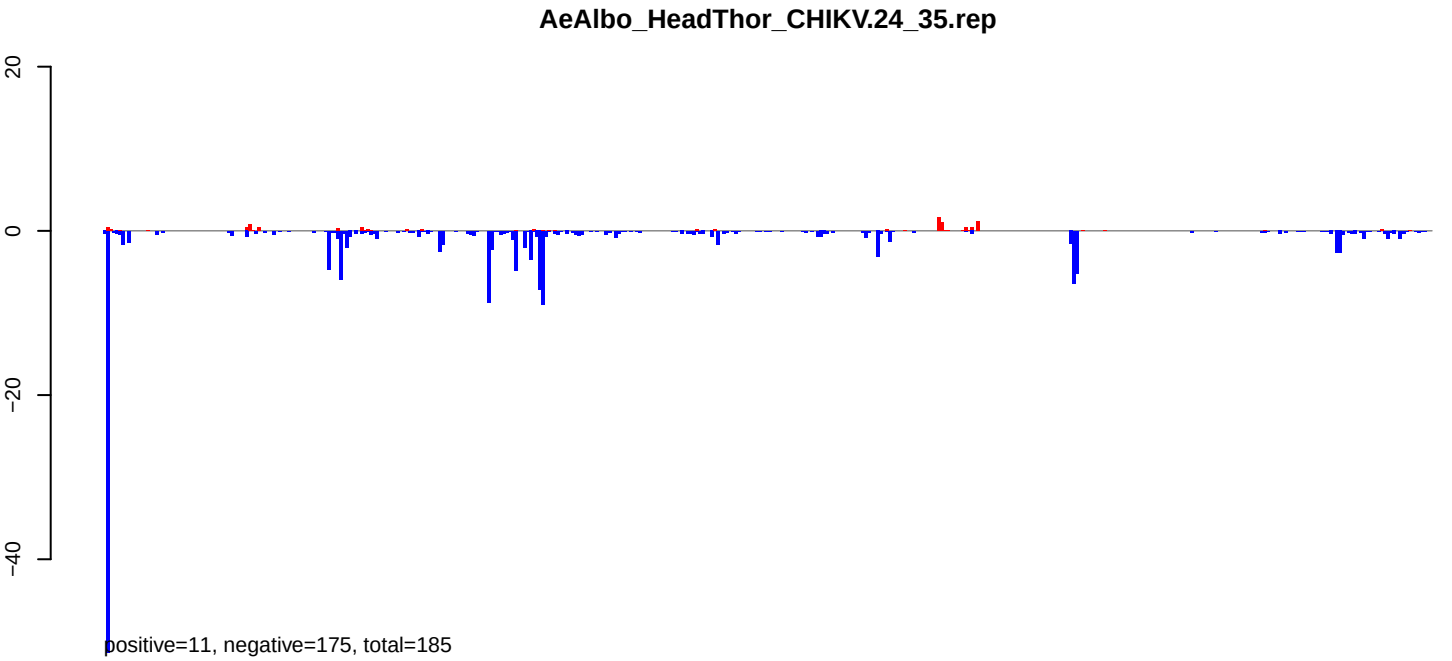
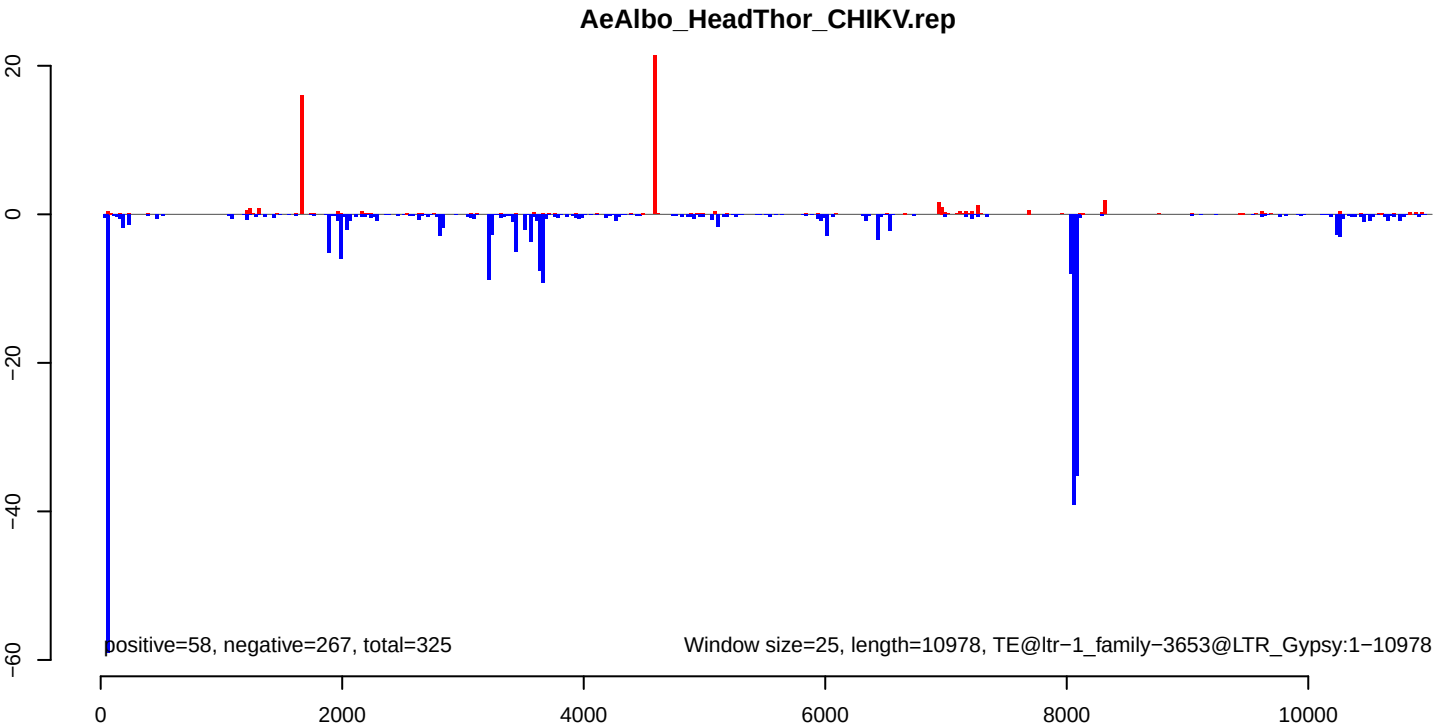
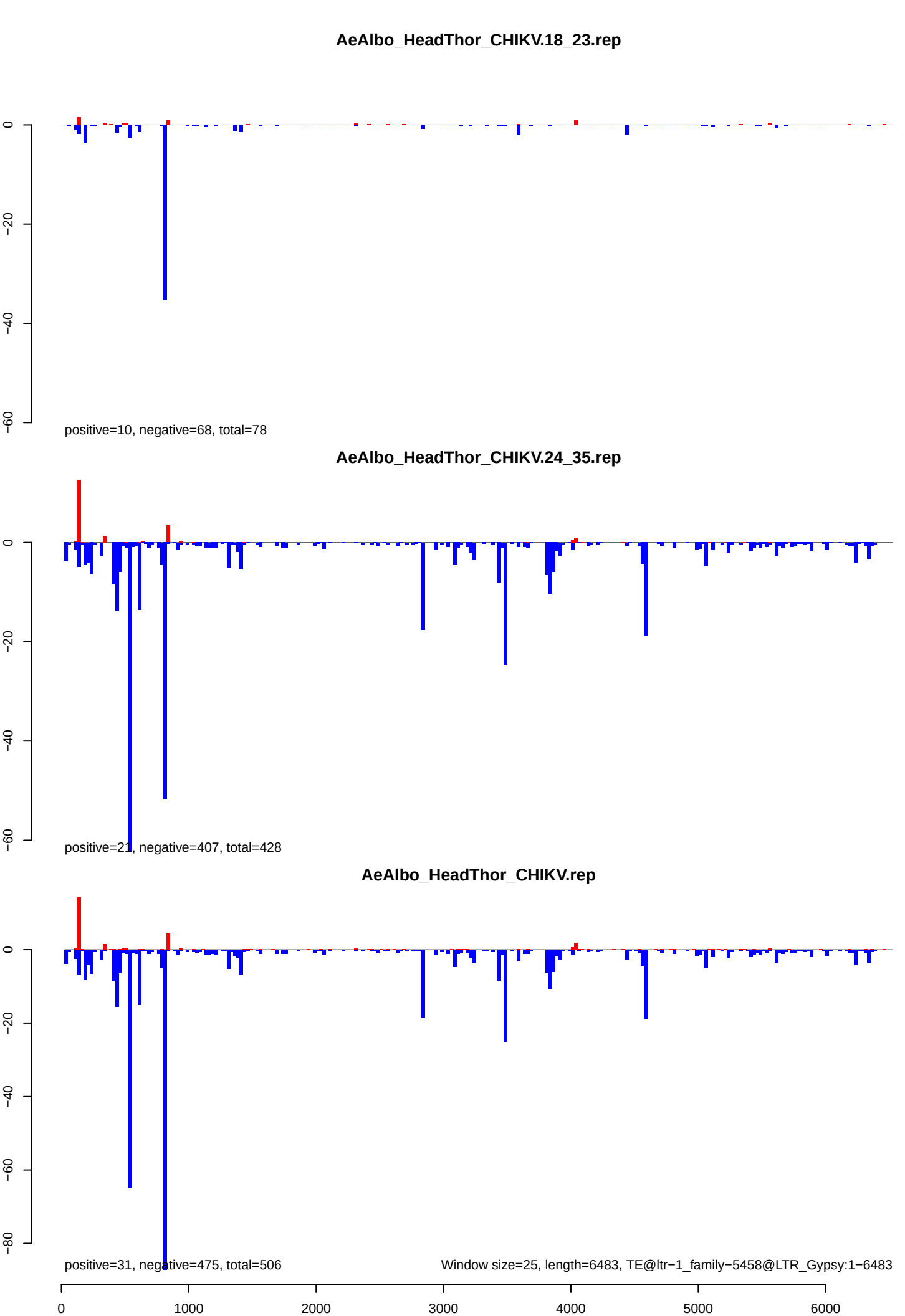

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
positive=8, negative=22, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
positive=4, negative=446, total=450
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
positive=12, negative=468, total=480
Window size=25, length=8533, TE@ltr−1_family−4326@LTR_Pao:1−8533
0
2000
4000
6000
8000

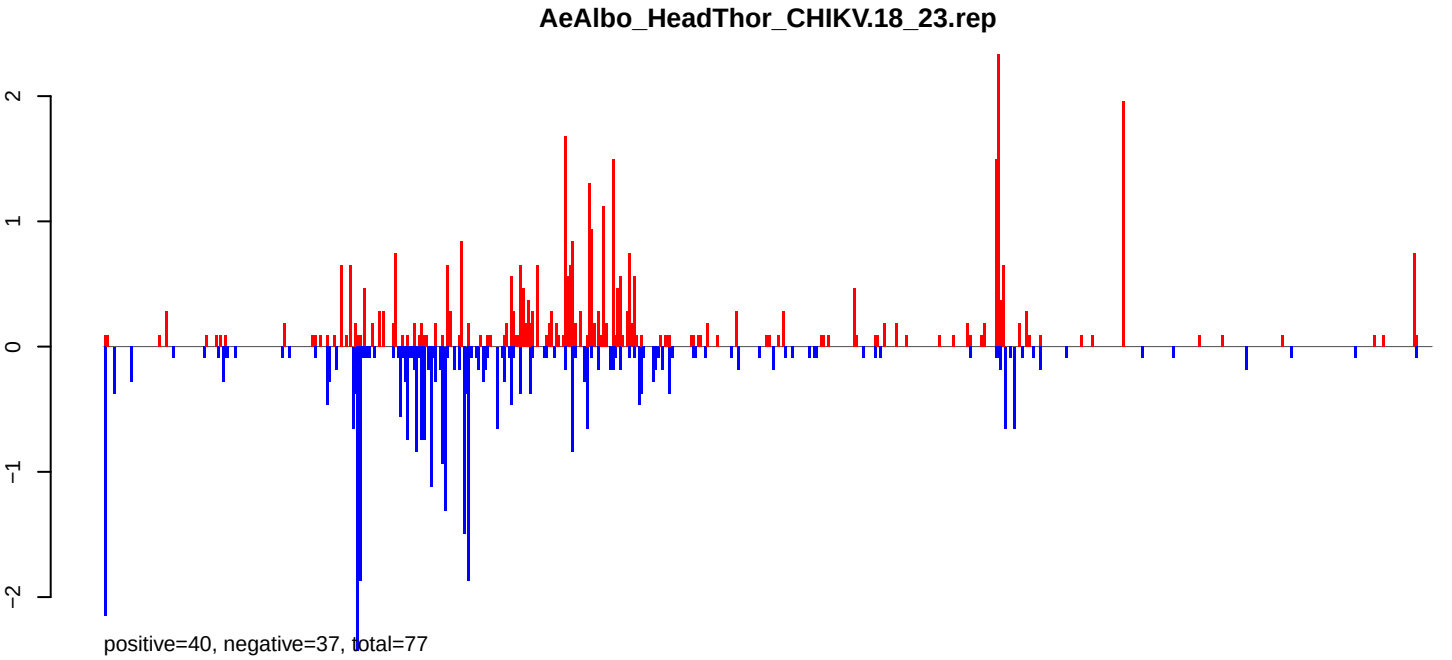

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=32, negative=124, total=156
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=17, negative=1143, total=1160
AeAlbo_HeadThor_CHIKV.rep
positive=49, negative=1267, total=1316
Window size=25, length=7104, TE@ltr−1_family−3266@LTR_Gypsy:1−7104
0
−100
−200
−300
−400
0
1000
2000
3000
4000
5000
6000
7000

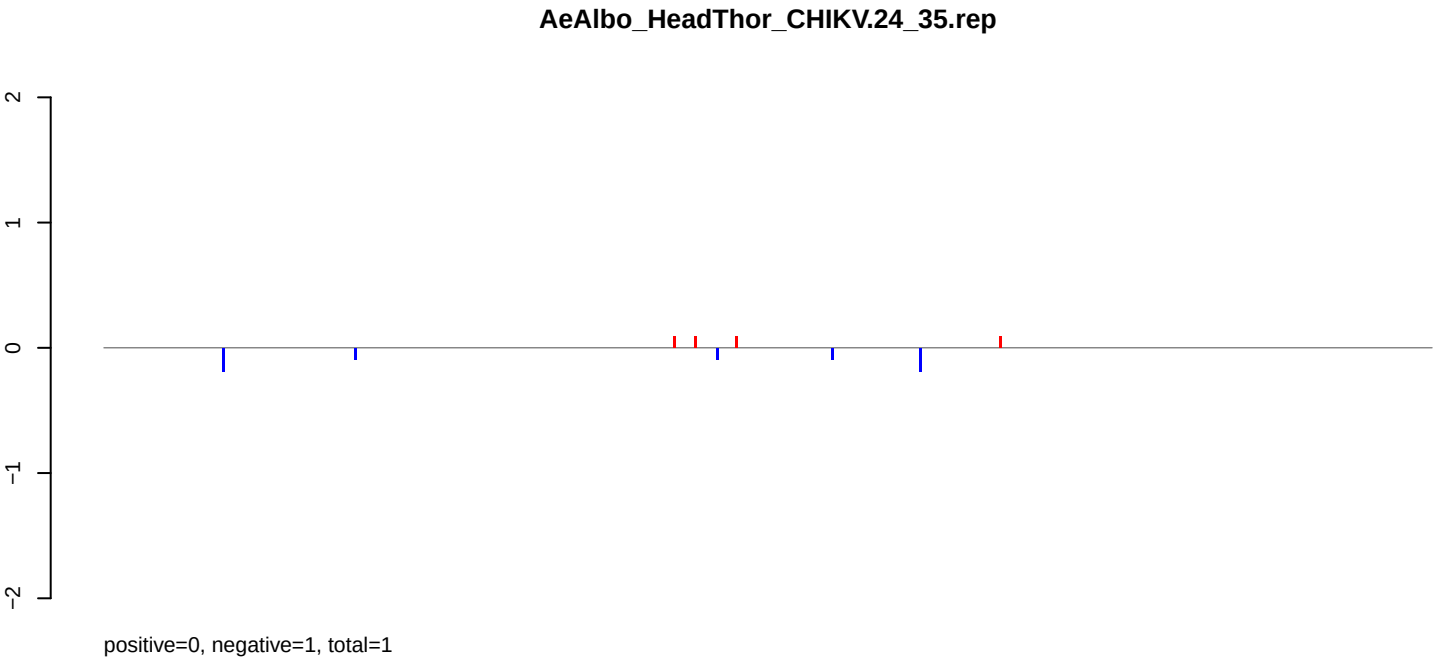

AeAlbo_HeadThor_CHIKV.18_23.rep
20
0
−20
−40
positive=47, negative=92, total=140

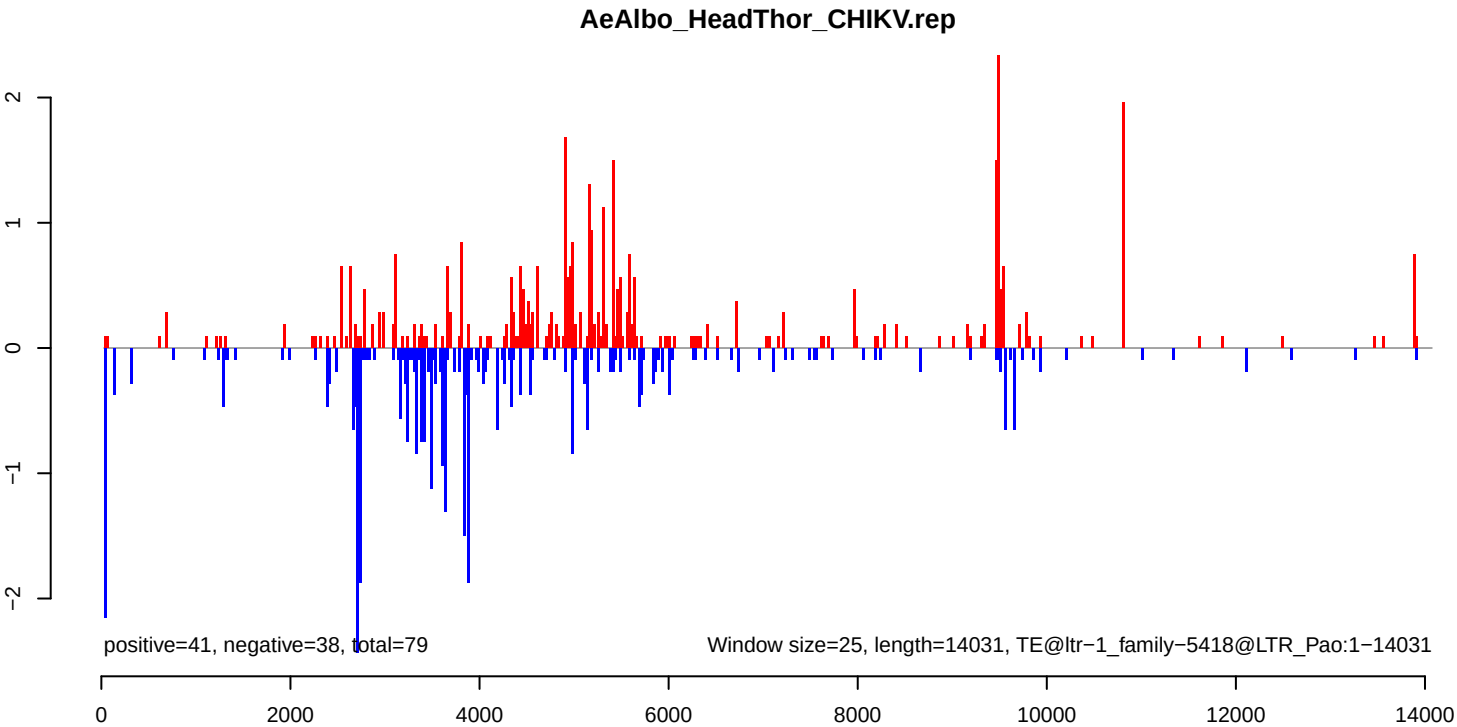

AeAlbo_HeadThor_CHIKV.24_35.rep
20
0
−20
−40
positive=11, negative=175, total=185

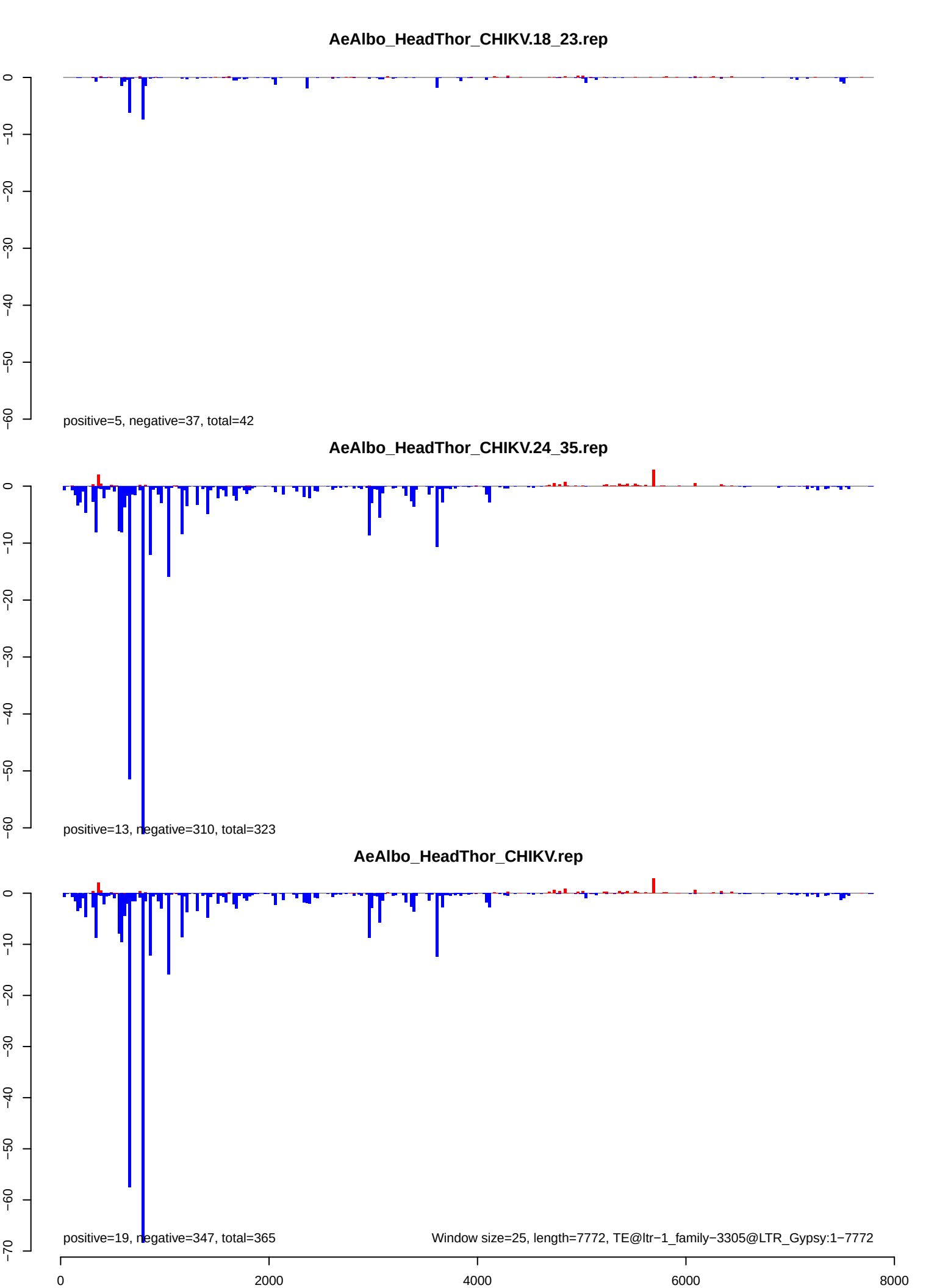

AeAlbo_HeadThor_CHIKV.rep
20
0
−20
−40
−60
positive=58, negative=267, total=325
Window size=25, length=10978, TE@ltr−1_family−3653@LTR_Gypsy:1−10978
0
2000
4000
6000
8000
10000

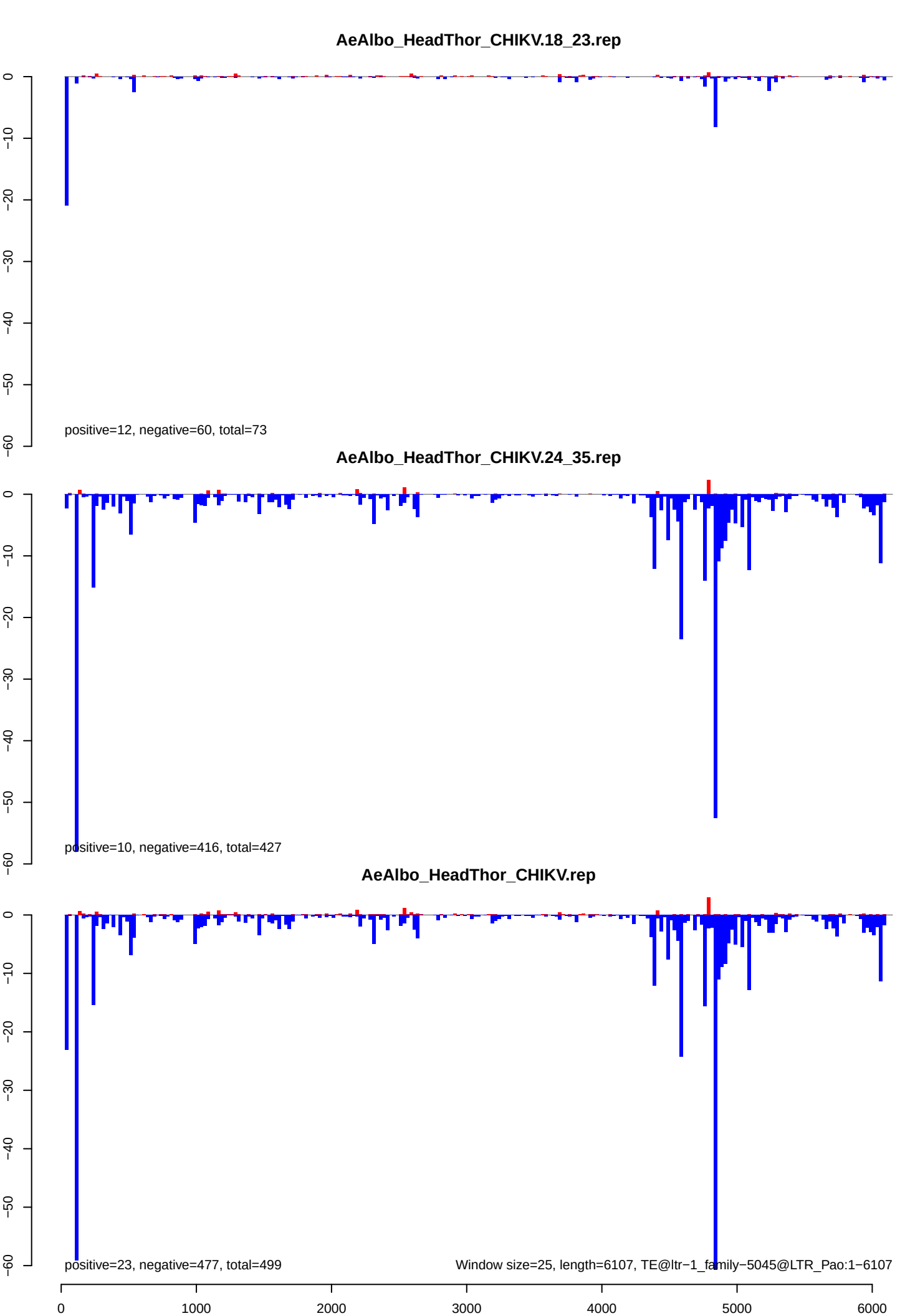

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
positive=10, negative=68, total=78
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
positive=21, negative=407, total=428
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
positive=31, negative=475, total=506
Window size=25, length=6483, TE@ltr−1_family−5458@LTR_Gypsy:1−6483
0
1000
2000
3000
4000
5000
6000

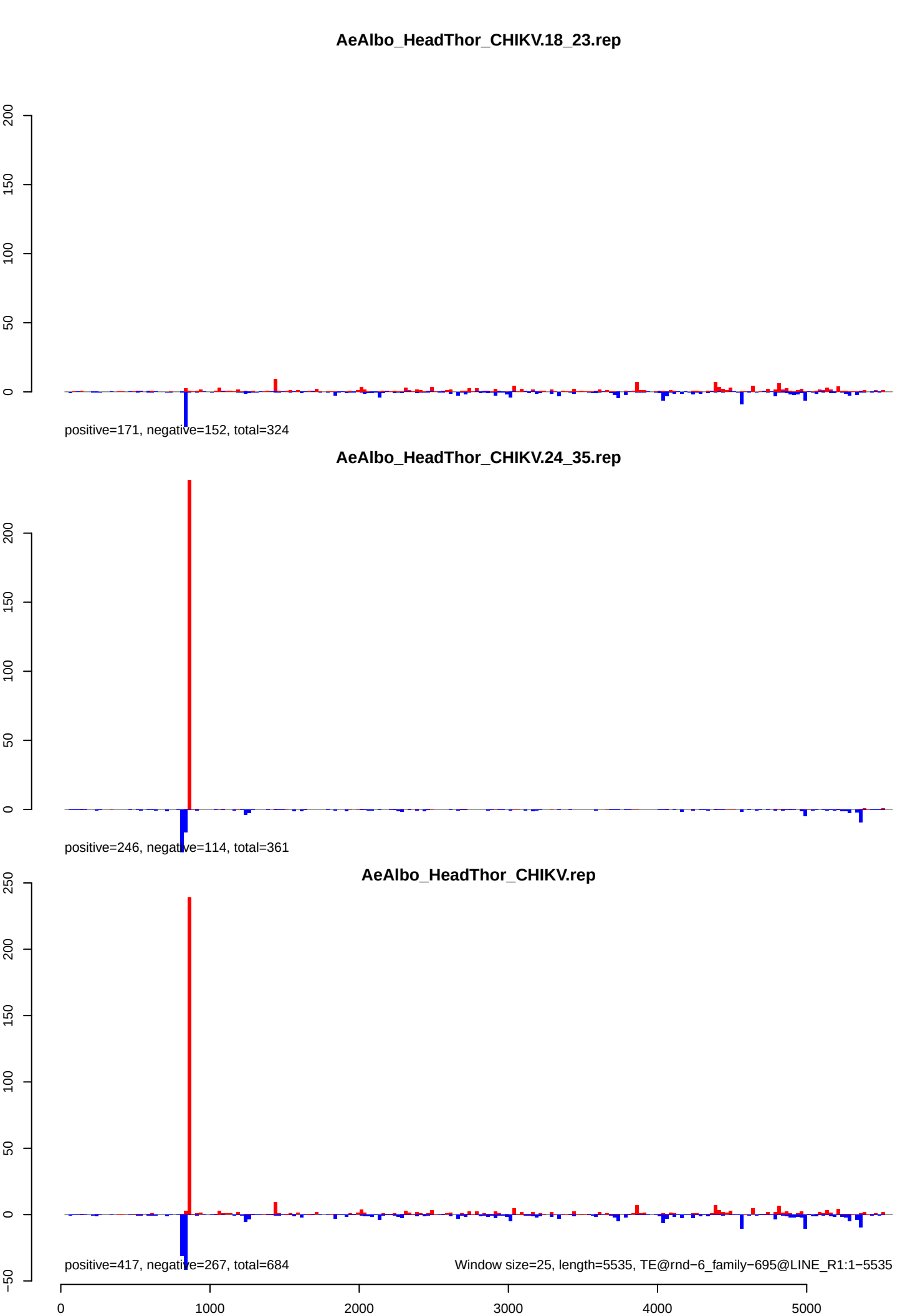

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
positive=40, negative=37, total=77

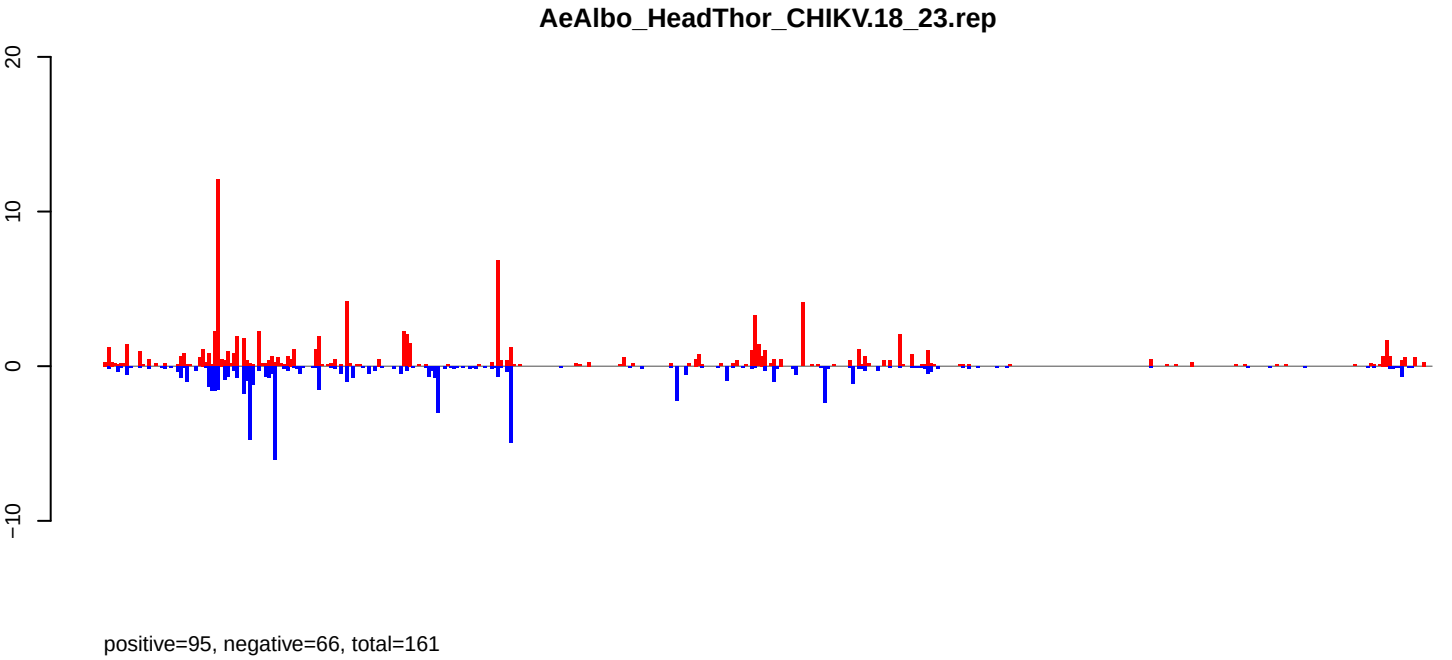

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
positive=0, negative=1, total=1

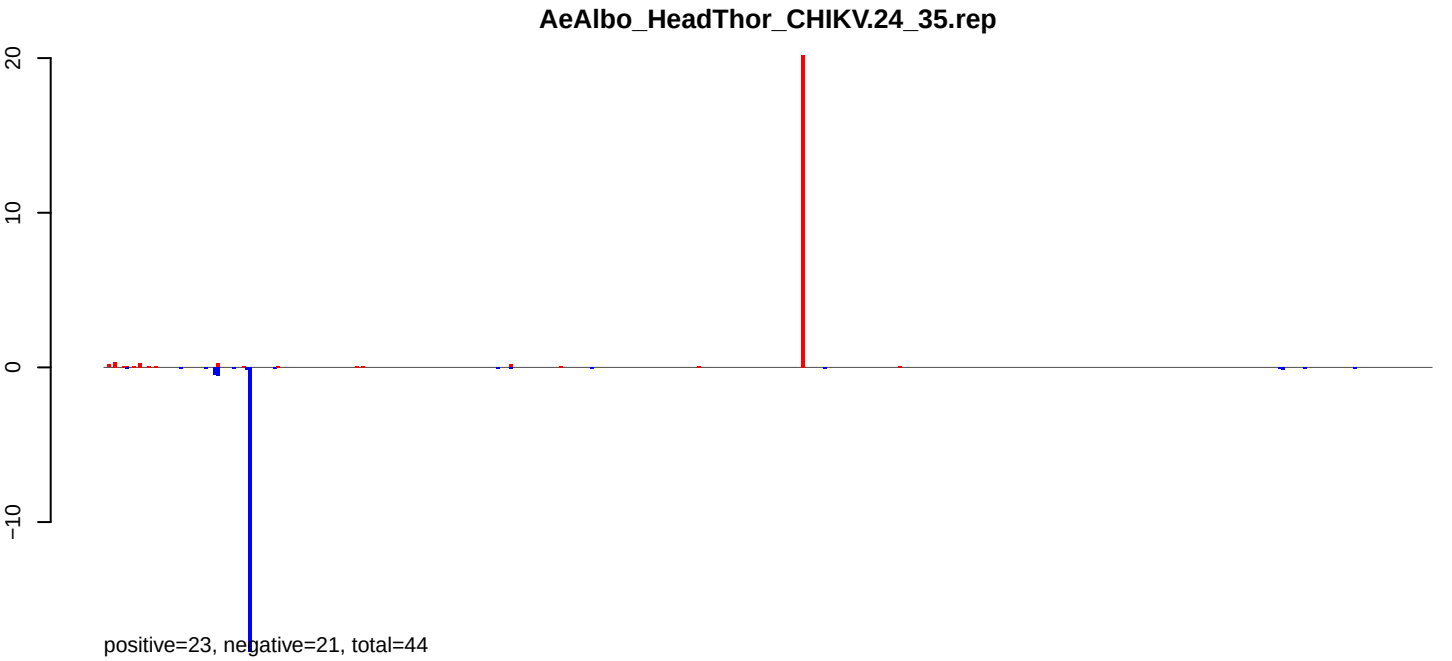

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
positive=41, negative=38, total=79
Window size=25, length=14031, TE@ltr−1_family−5418@LTR_Pao:1−14031
0
2000
4000
6000
8000
10000
12000
14000

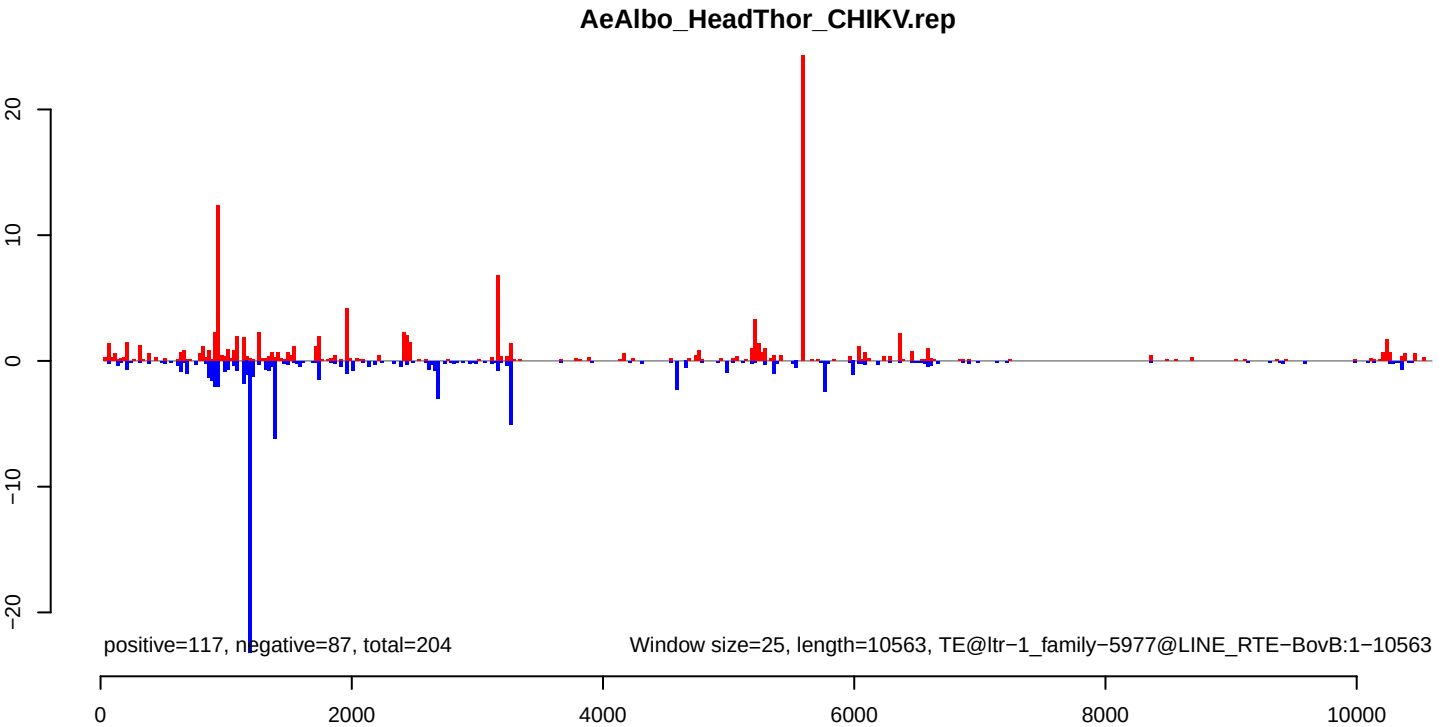

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=37, total=42
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=13, negative=310, total=323
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=347, total=365
Window size=25, length=7772, TE@ltr−1_family−3305@LTR_Gypsy:1−7772
0
2000
4000
6000
8000

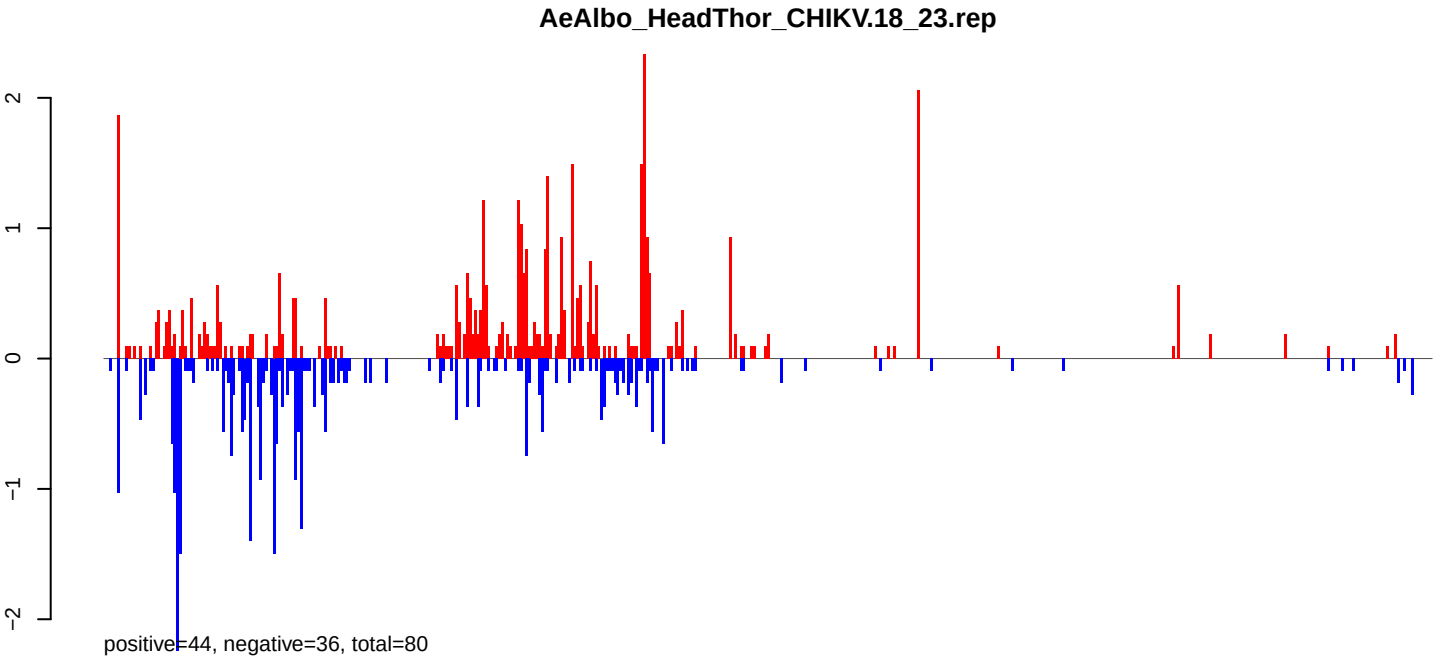

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
−60
positive=12, negative=60, total=73
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
−50
−60
positive=10, negative=416, total=427
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
−60
positive=23, negative=477, total=499
Window size=25, length=6107, TE@ltr−1_family−5045@LTR_Pao:1−6107
0
1000
2000
3000
4000
5000
6000

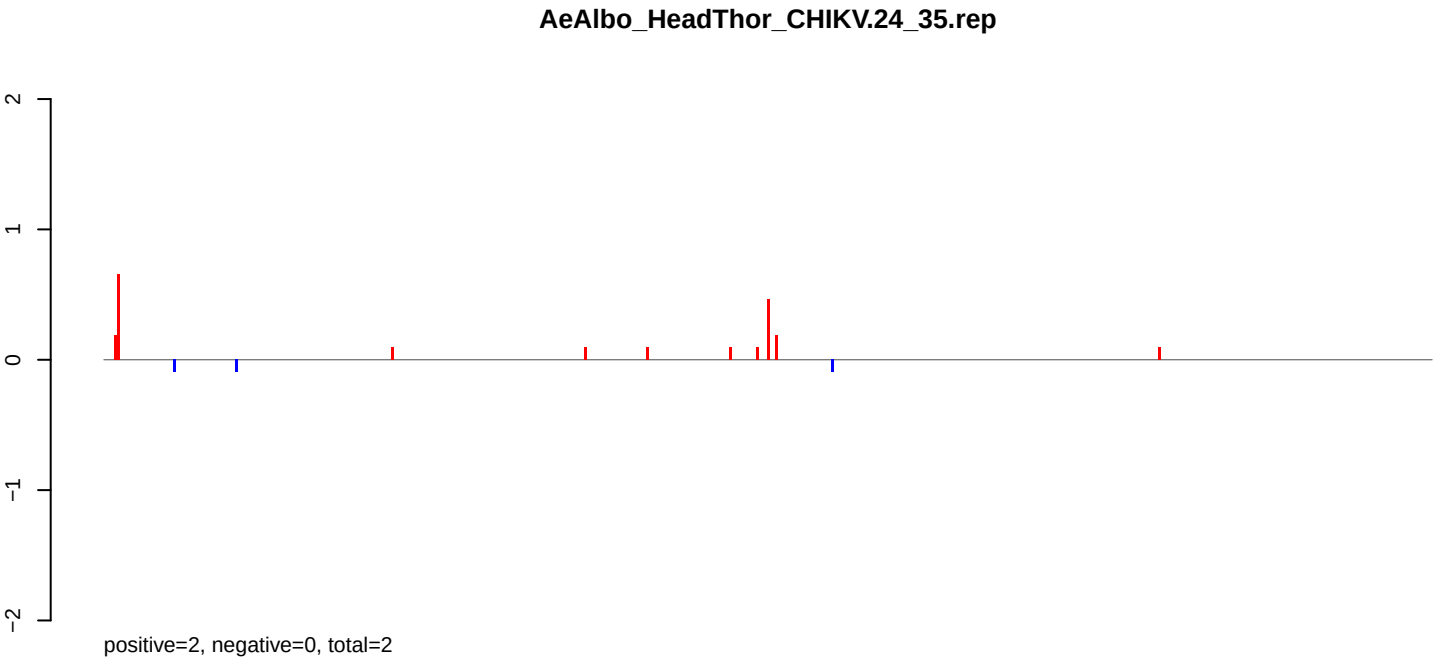

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=171, negative=152, total=324
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=246, negative=114, total=361
AeAlbo_HeadThor_CHIKV.rep
positive=417, negative=267, total=684
Window size=25, length=5535, TE@rnd−6_family−695@LINE_R1:1−5535
0
1000
2000
3000
4000
5000

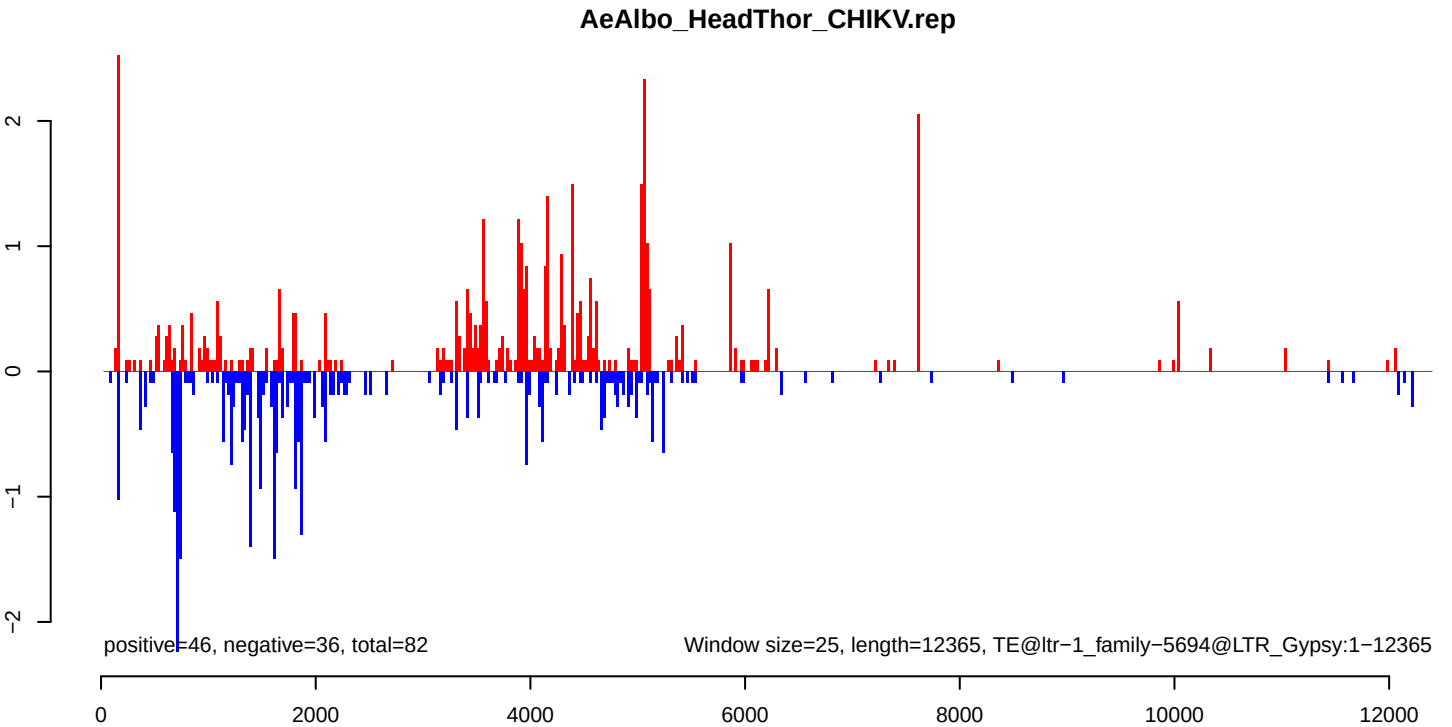

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
positive=95, negative=66, total=161

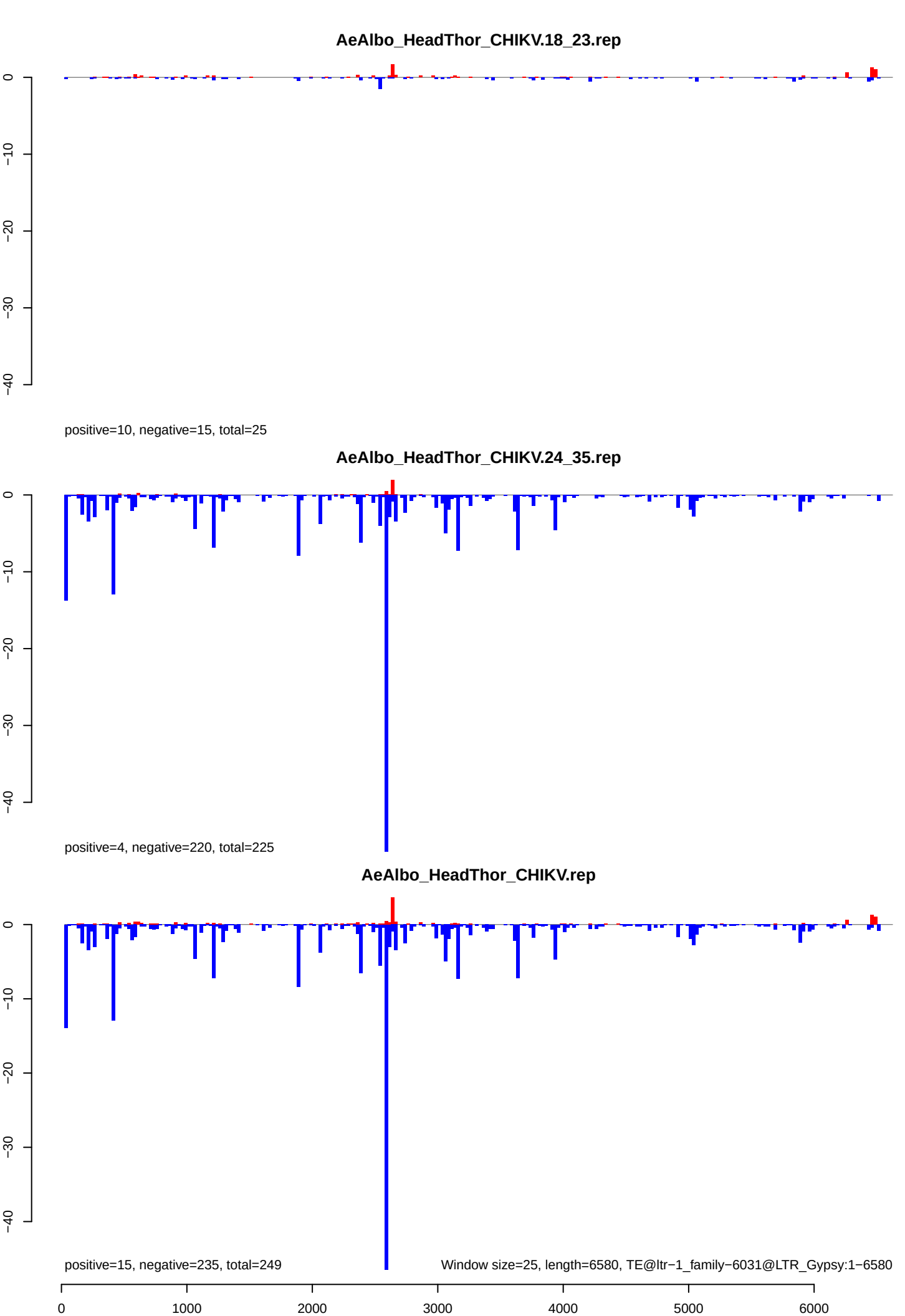

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
positive=23, negative=21, total=44

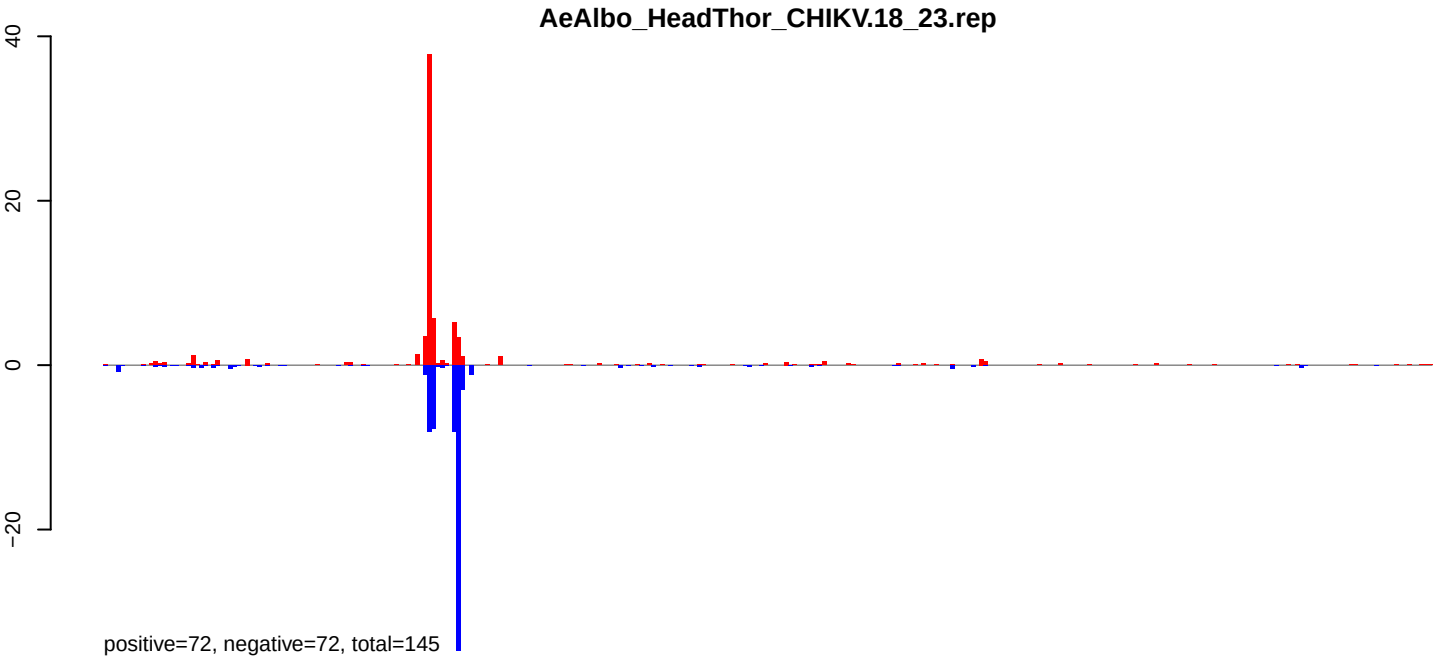

AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
positive=117, negative=87, total=204
Window size=25, length=10563, TE@ltr−1_family−5977@LINE_RTE−BovB:1−10563
0
2000
4000
6000
8000
10000

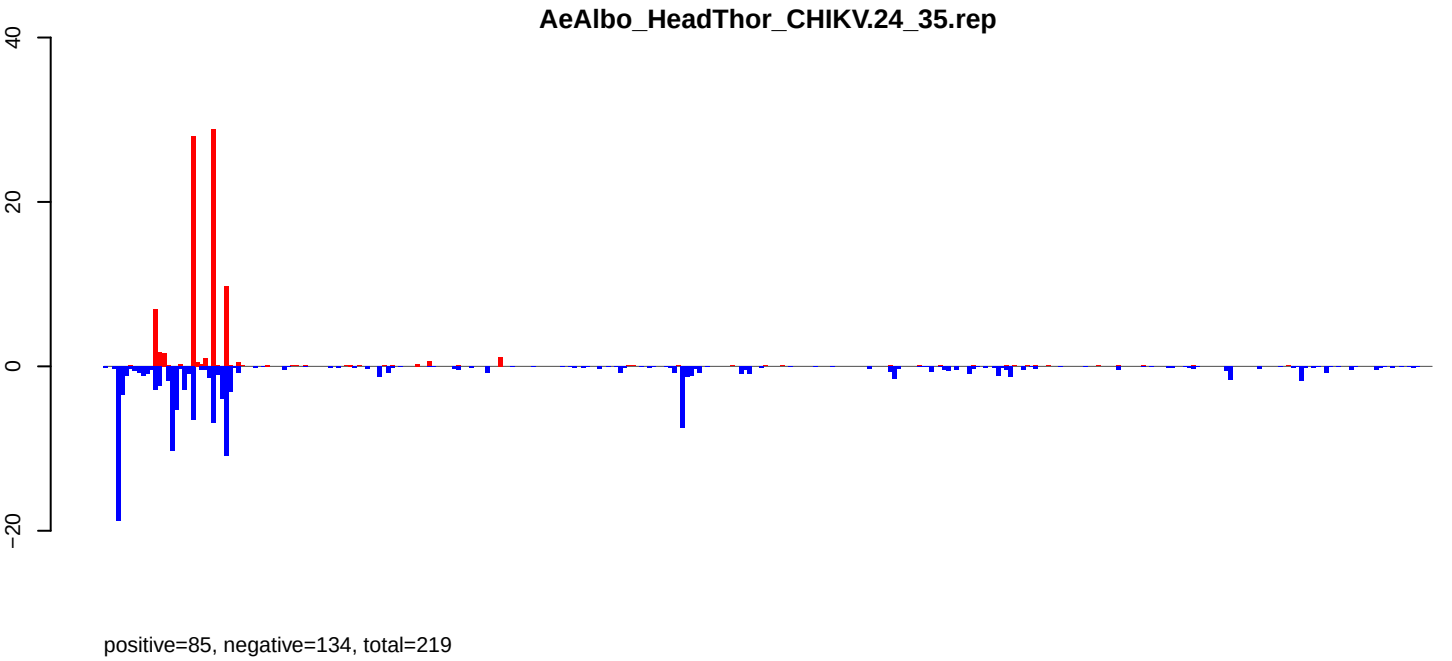

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
positive=44, negative=36, total=80

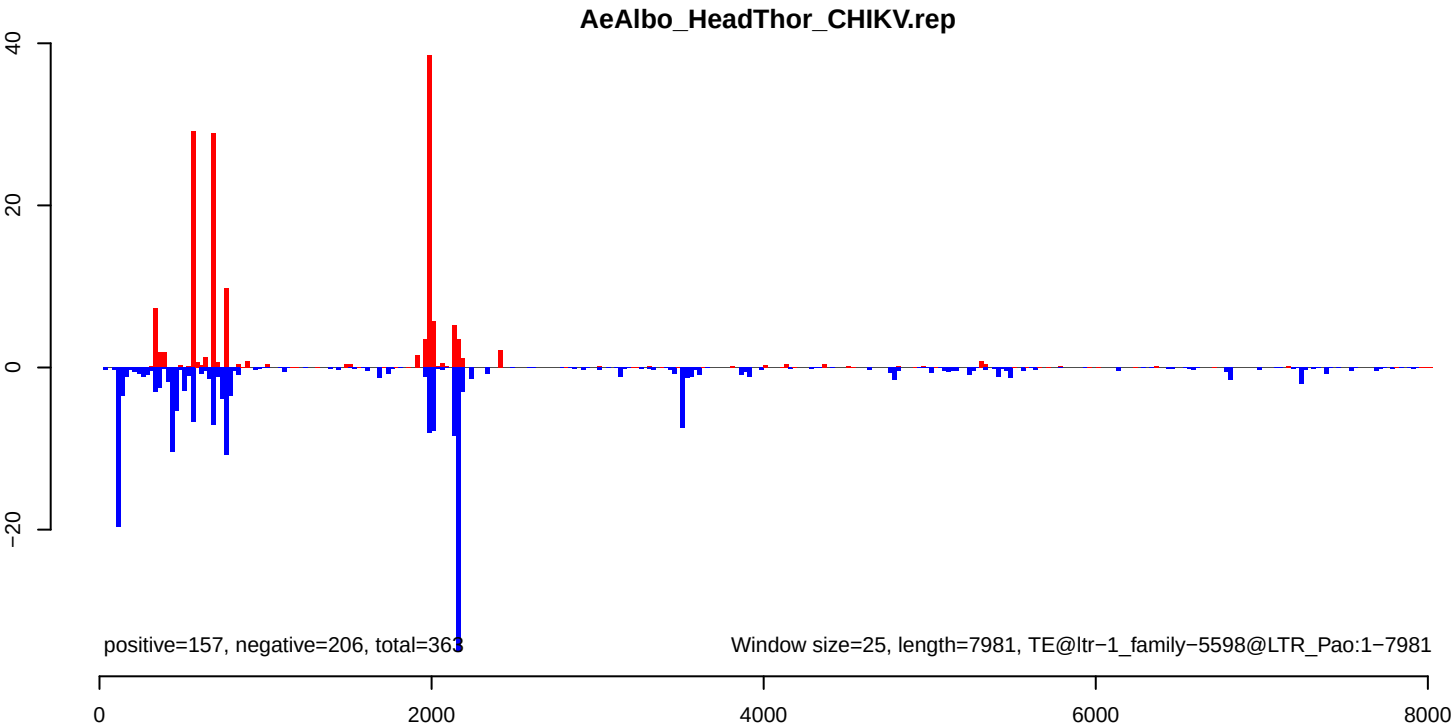

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
positive=2, negative=0, total=2

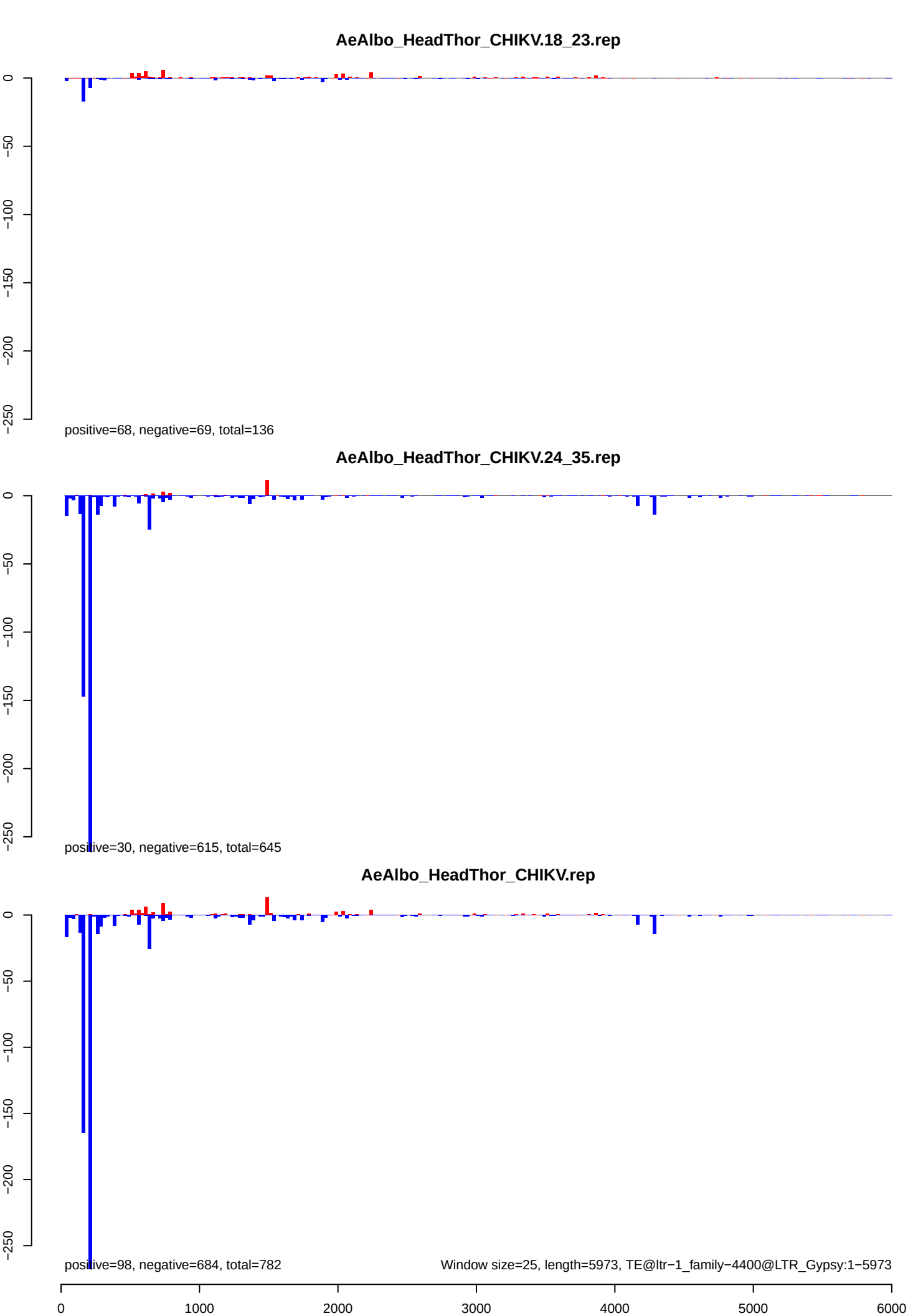

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
positive=46, negative=36, total=82
Window size=25, length=12365, TE@ltr−1_family−5694@LTR_Gypsy:1−12365
0
2000
4000
6000
8000
10000
12000

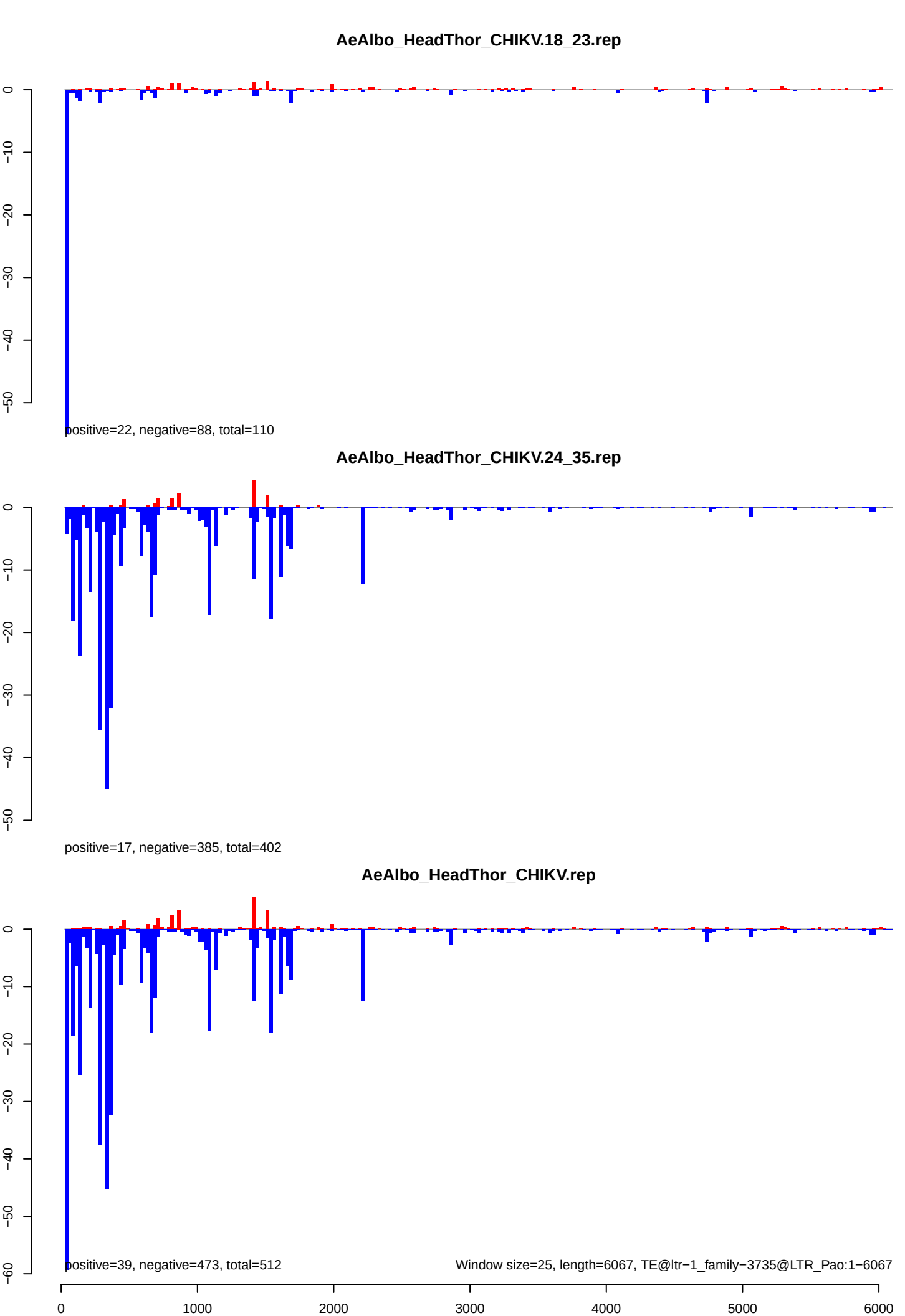

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=10, negative=15, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=4, negative=220, total=225
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=15, negative=235, total=249
Window size=25, length=6580, TE@ltr−1_family−6031@LTR_Gypsy:1−6580
0
1000
2000
3000
4000
5000
6000

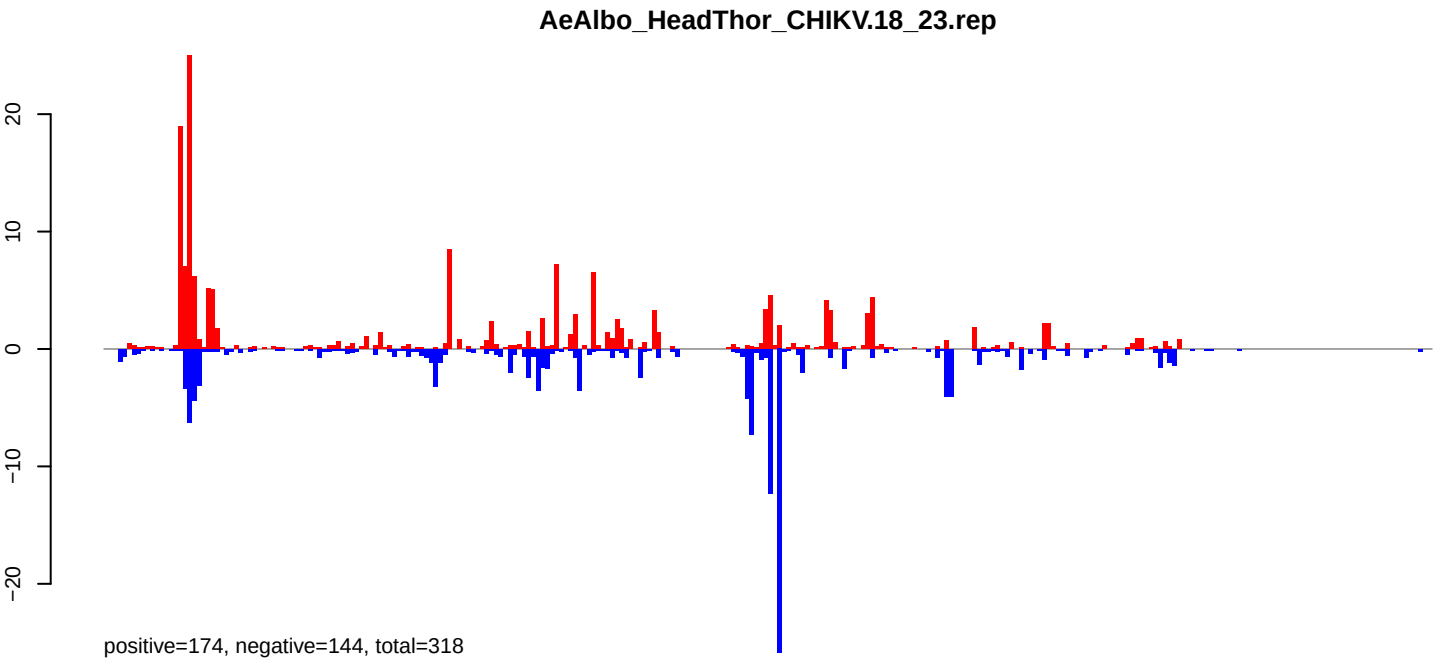

AeAlbo_HeadThor_CHIKV.18_23.rep
40
20
0
−20
positive=72, negative=72, total=145

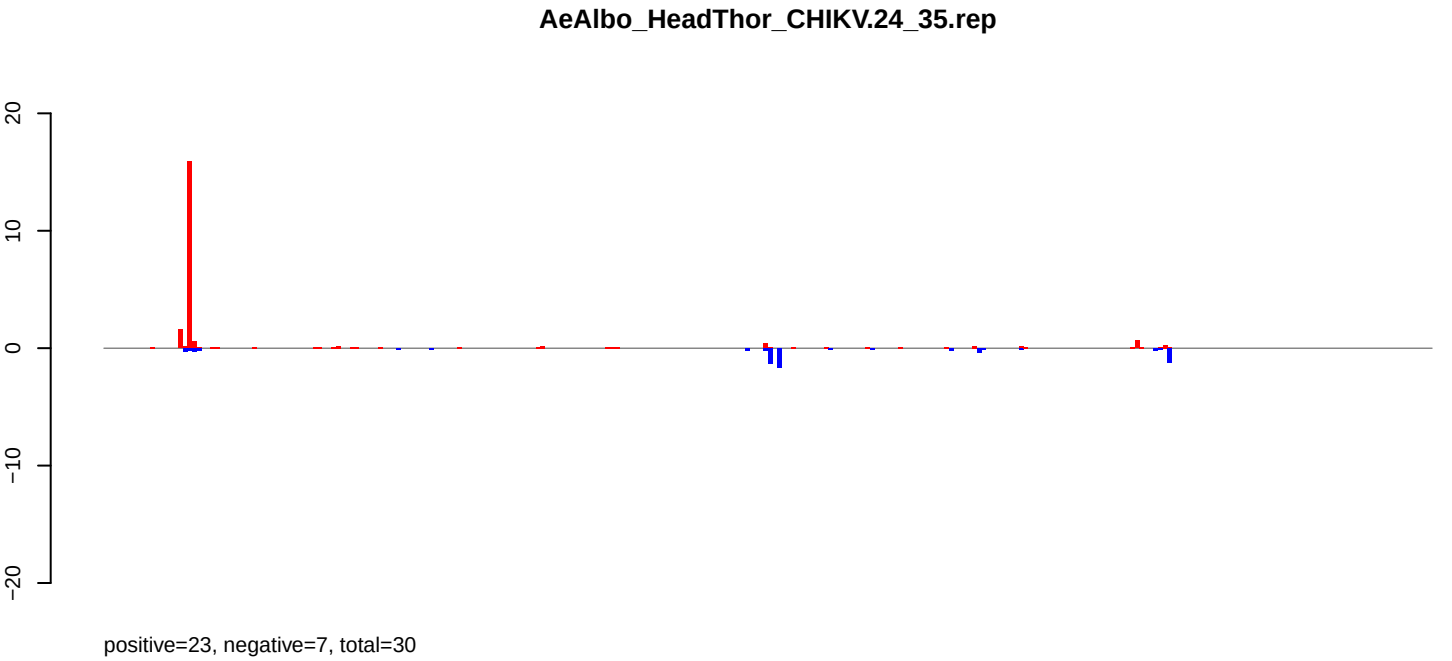

AeAlbo_HeadThor_CHIKV.24_35.rep
40
20
0
−20
positive=85, negative=134, total=219

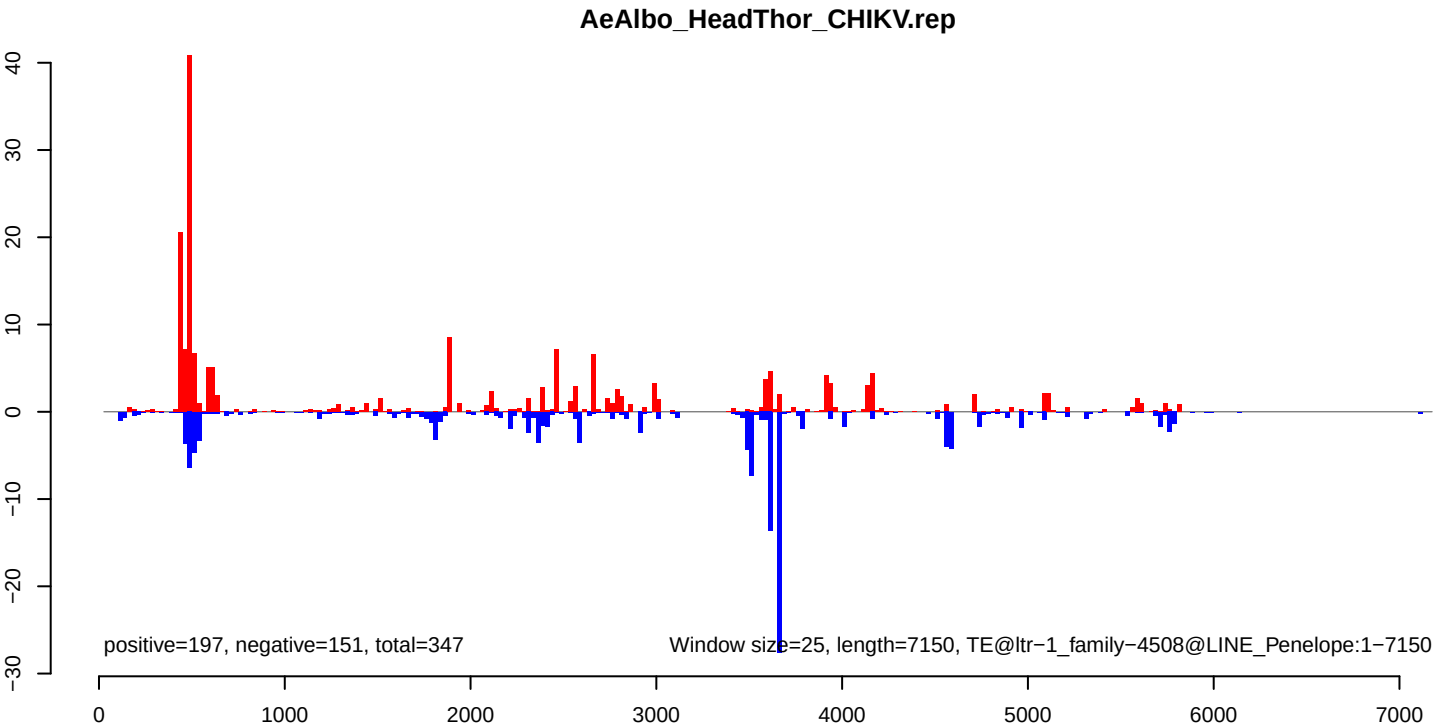

AeAlbo_HeadThor_CHIKV.rep
40
20
0
−20
positive=157, negative=206, total=363
Window size=25, length=7981, TE@ltr−1_family−5598@LTR_Pao:1−7981
0
2000
4000
6000
8000

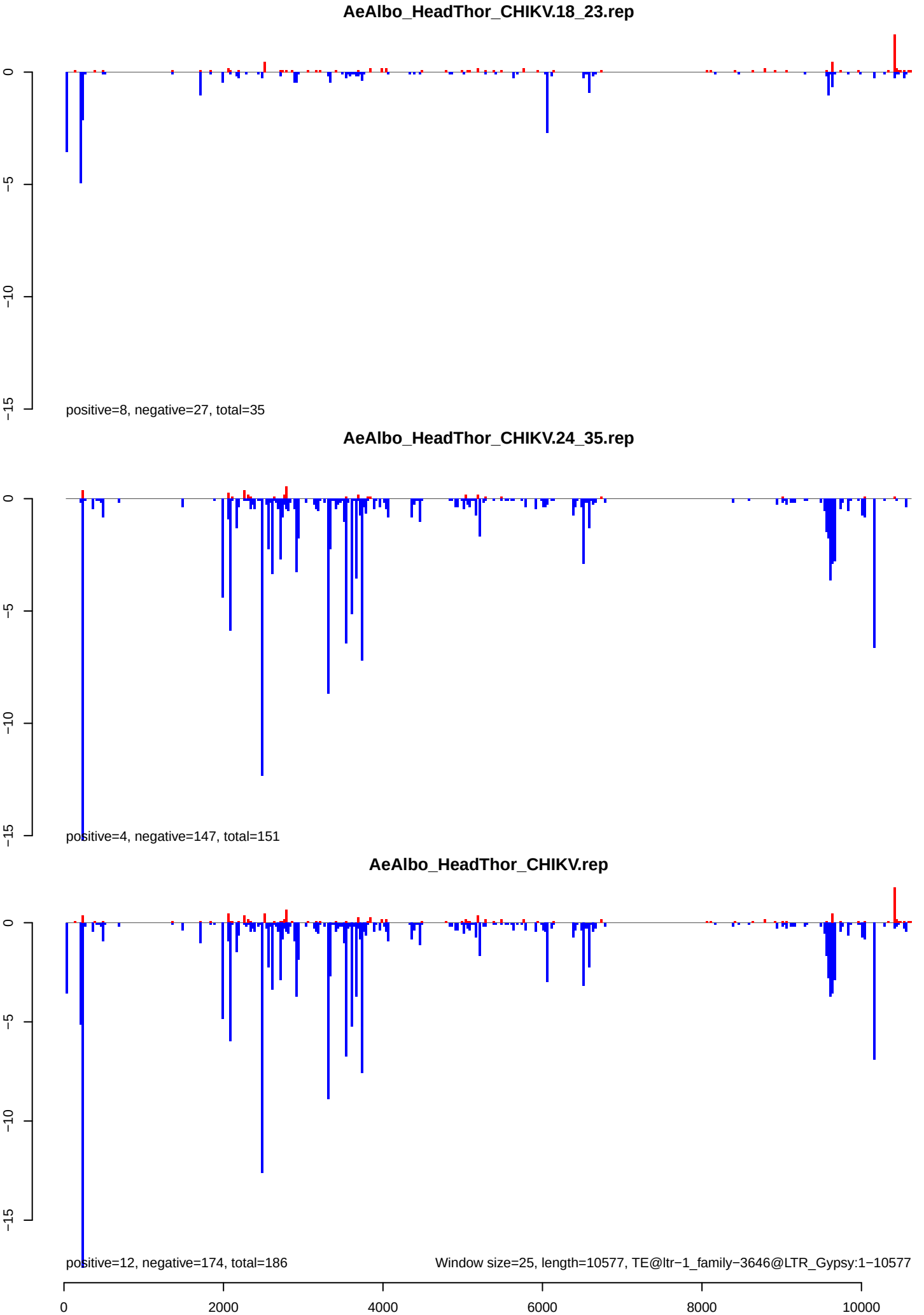

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
−200
−250
positive=68, negative=69, total=136
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
−200
−250
positive=30, negative=615, total=645
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
−200
−250
positive=98, negative=684, total=782
Window size=25, length=5973, TE@ltr−1_family−4400@LTR_Gypsy:1−5973
0
1000
2000
3000
4000
5000
6000

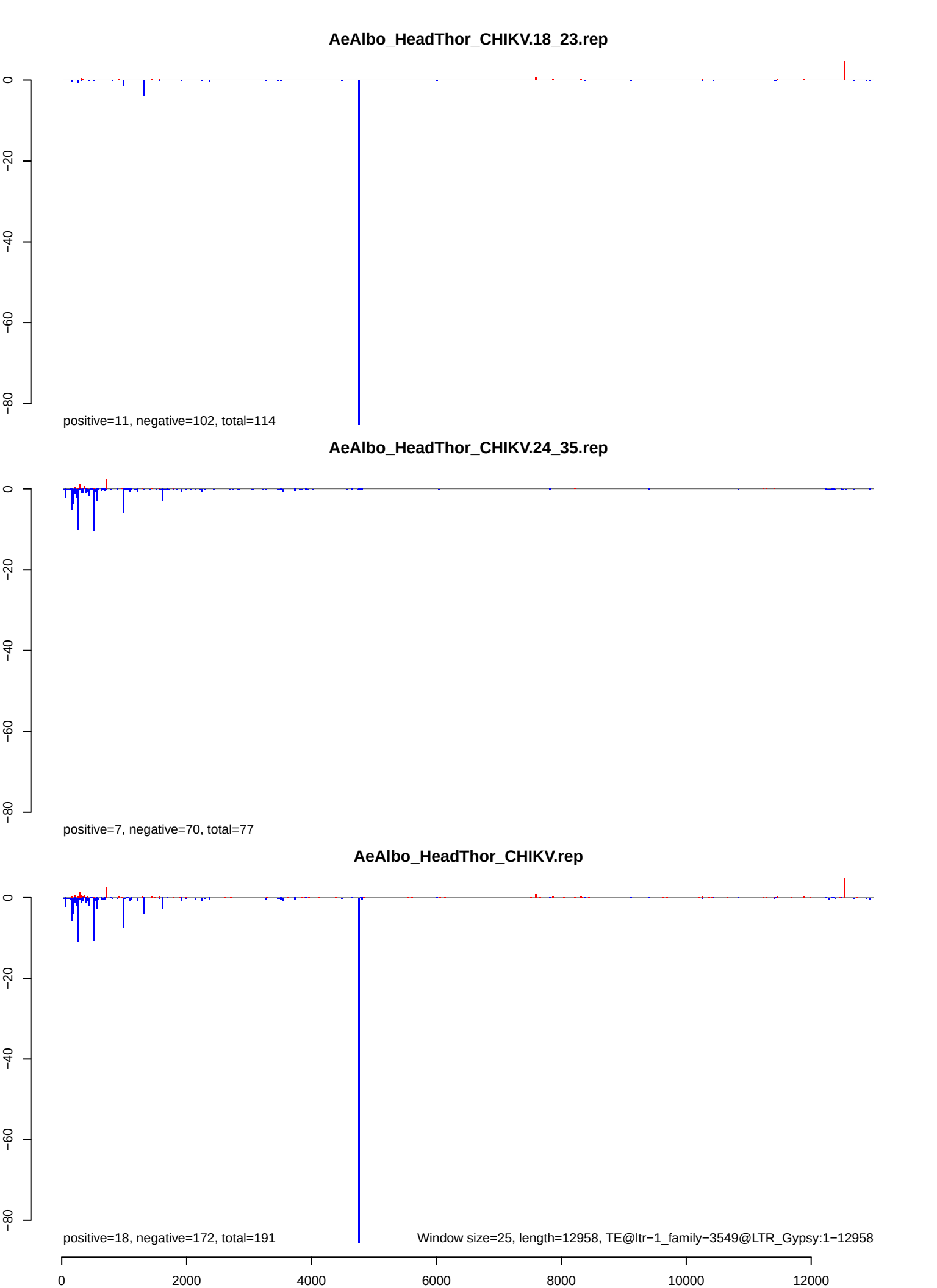

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=22, negative=88, total=110
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=17, negative=385, total=402
AeAlbo_HeadThor_CHIKV.rep
positive=39, negative=473, total=512
Window size=25, length=6067, TE@ltr−1_family−3735@LTR_Pao:1−6067
0
1000
2000
3000
4000
5000
6000

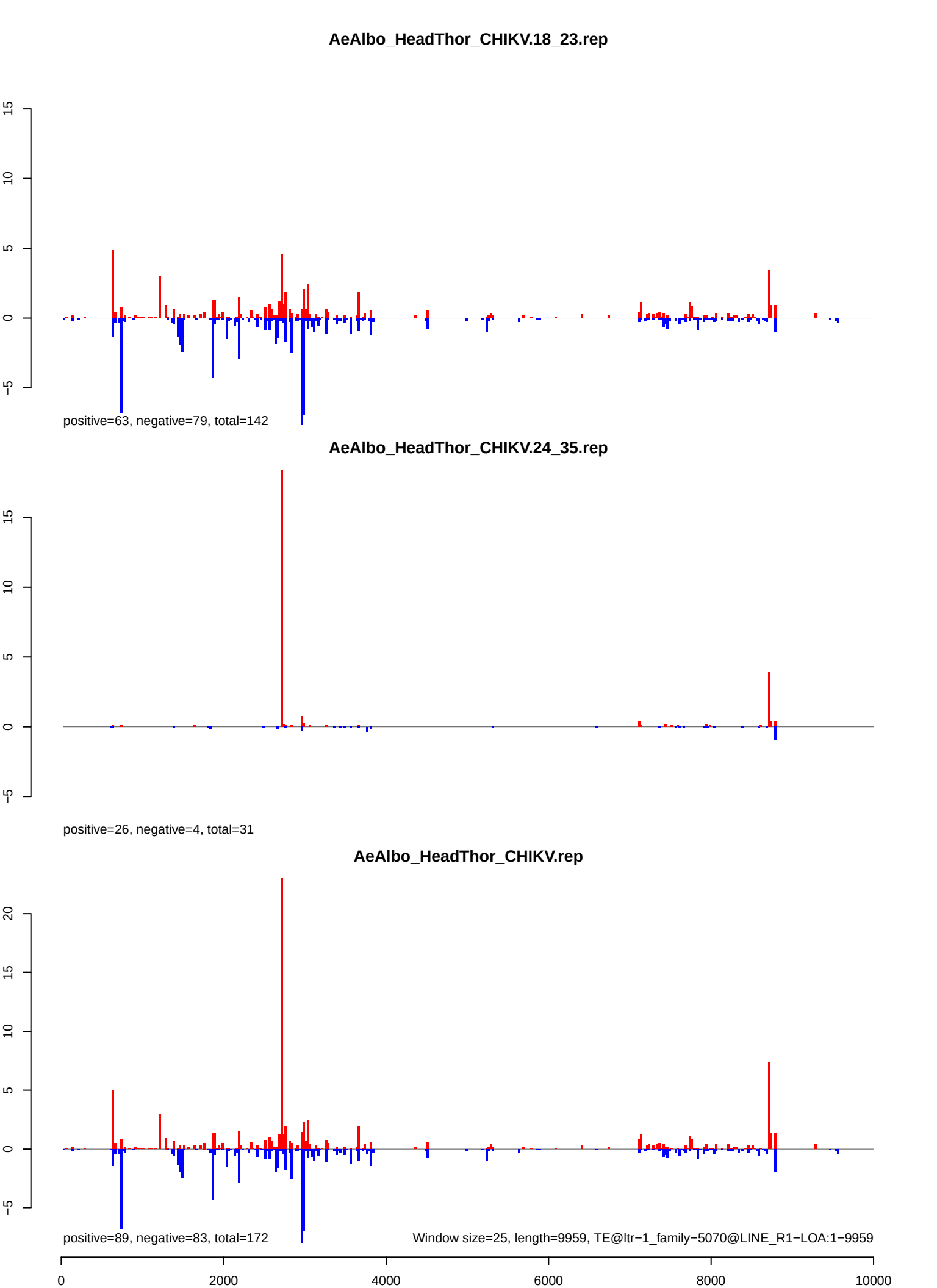

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=174, negative=144, total=318

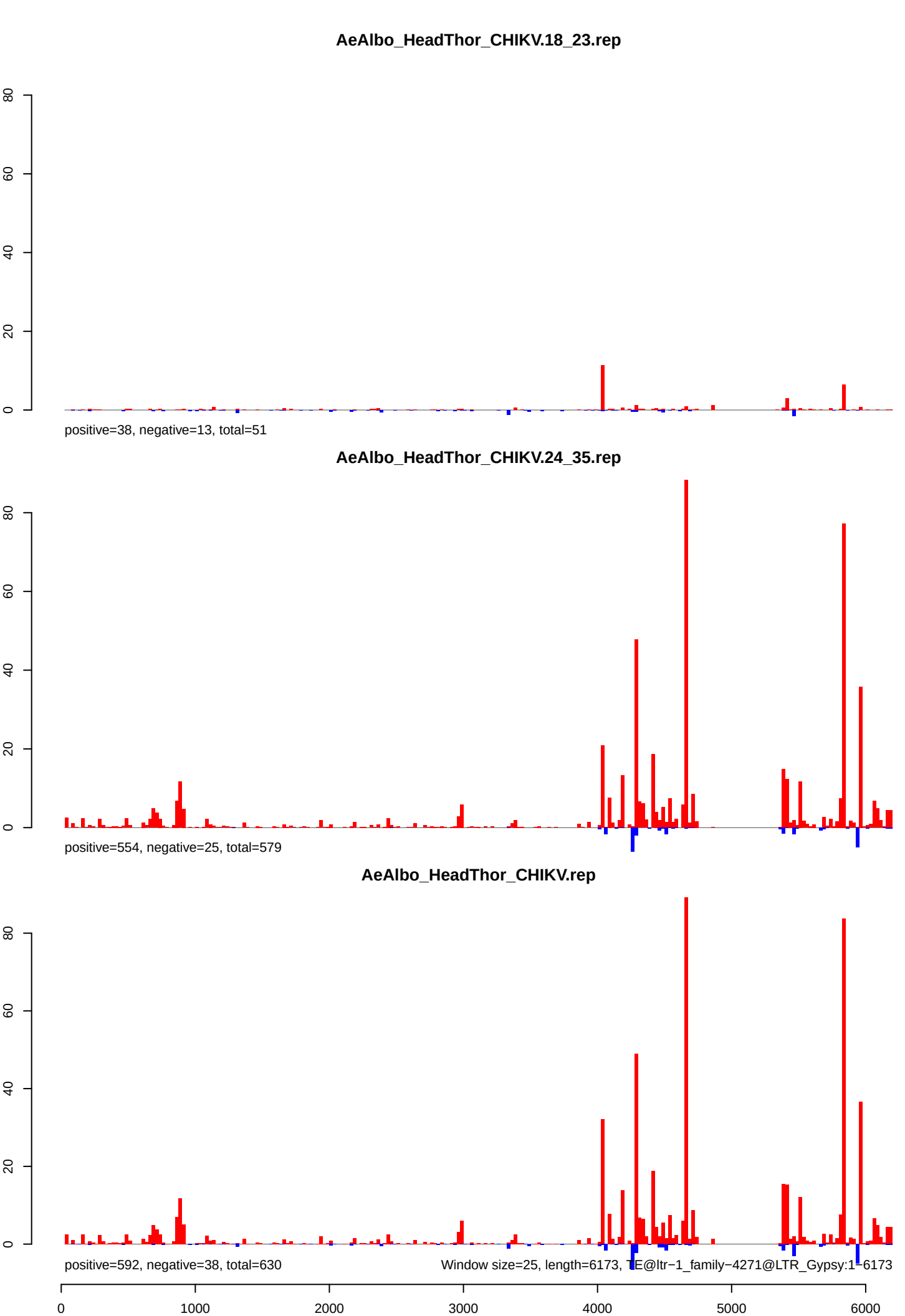

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=23, negative=7, total=30

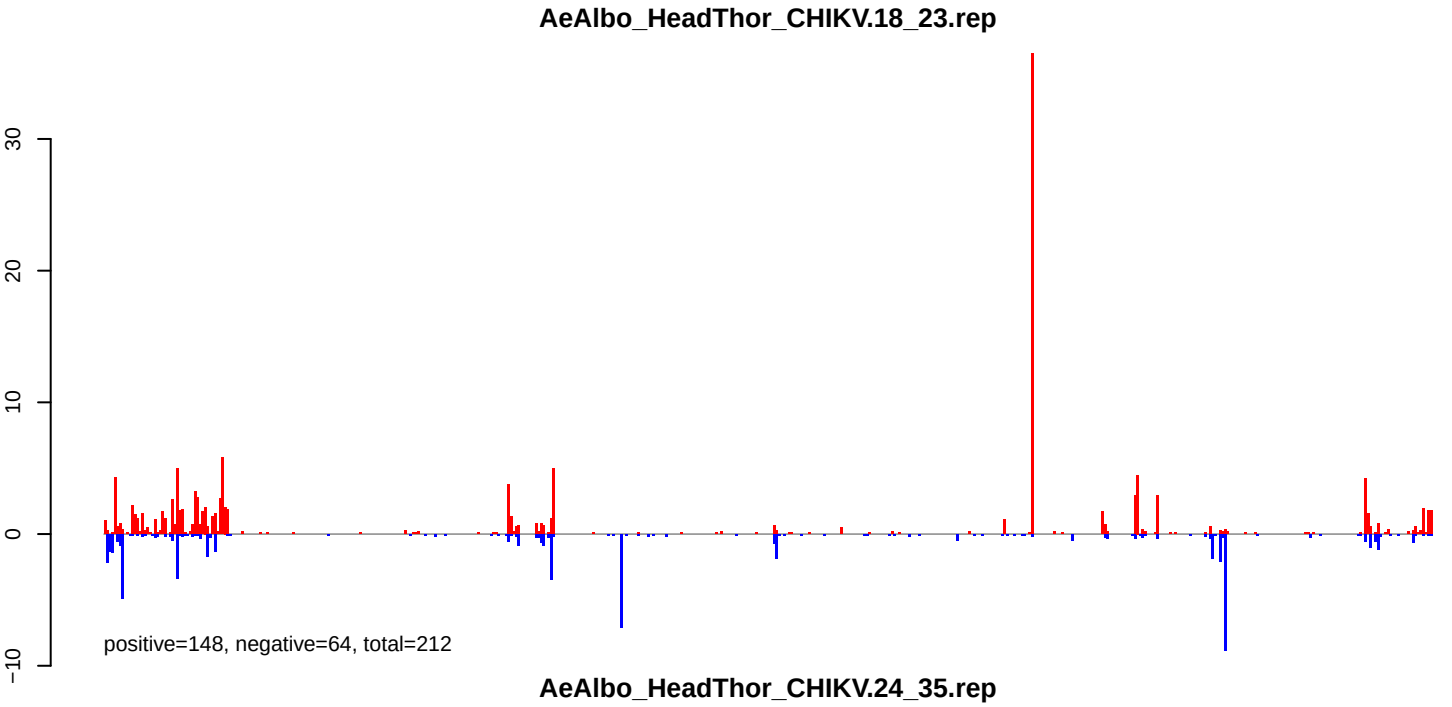

AeAlbo_HeadThor_CHIKV.rep
40
30
20
10
0
−10
−20
−30
positive=197, negative=151, total=347
Window size=25, length=7150, TE@ltr−1_family−4508@LINE_Penelope:1−7150
0
1000
2000
3000
4000
5000
6000
7000

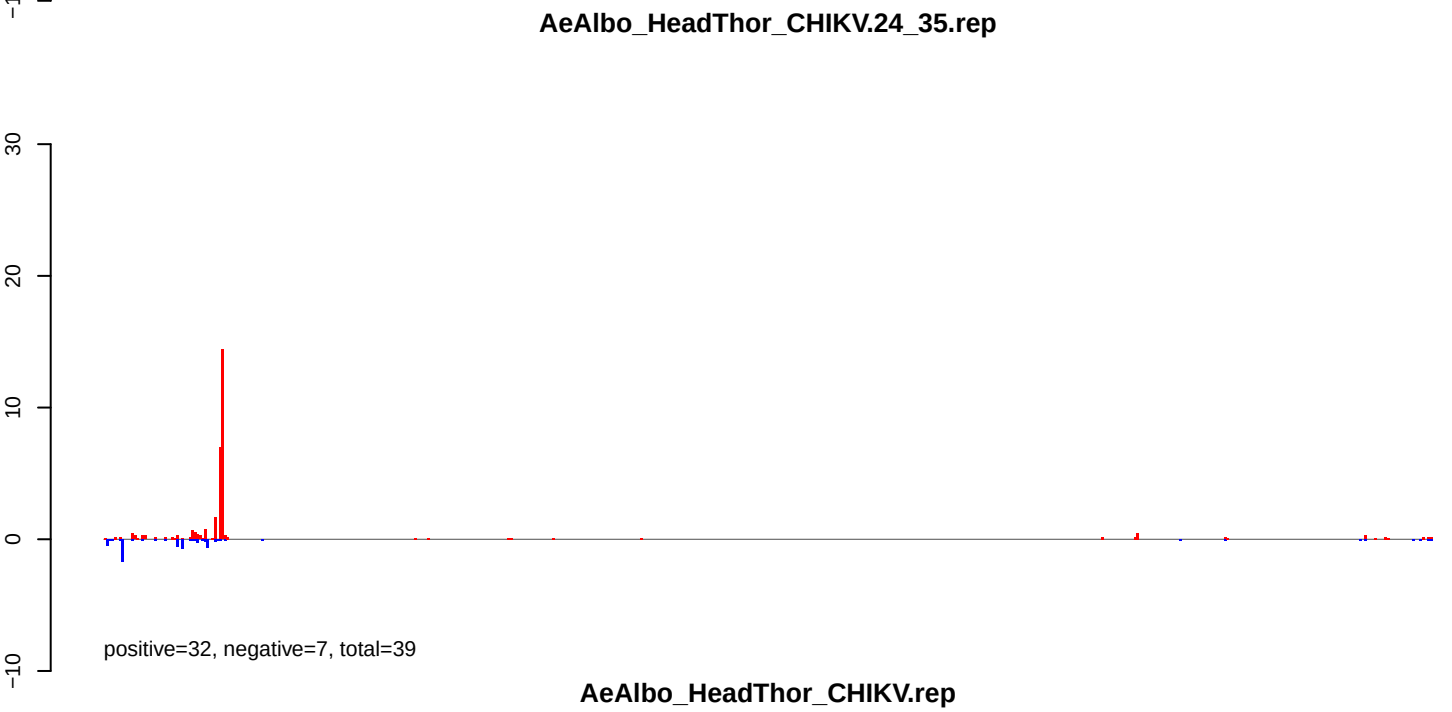

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=8, negative=27, total=35
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=4, negative=147, total=151
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=12, negative=174, total=186
Window size=25, length=10577, TE@ltr−1_family−3646@LTR_Gypsy:1−10577
0
2000
4000
6000
8000
10000

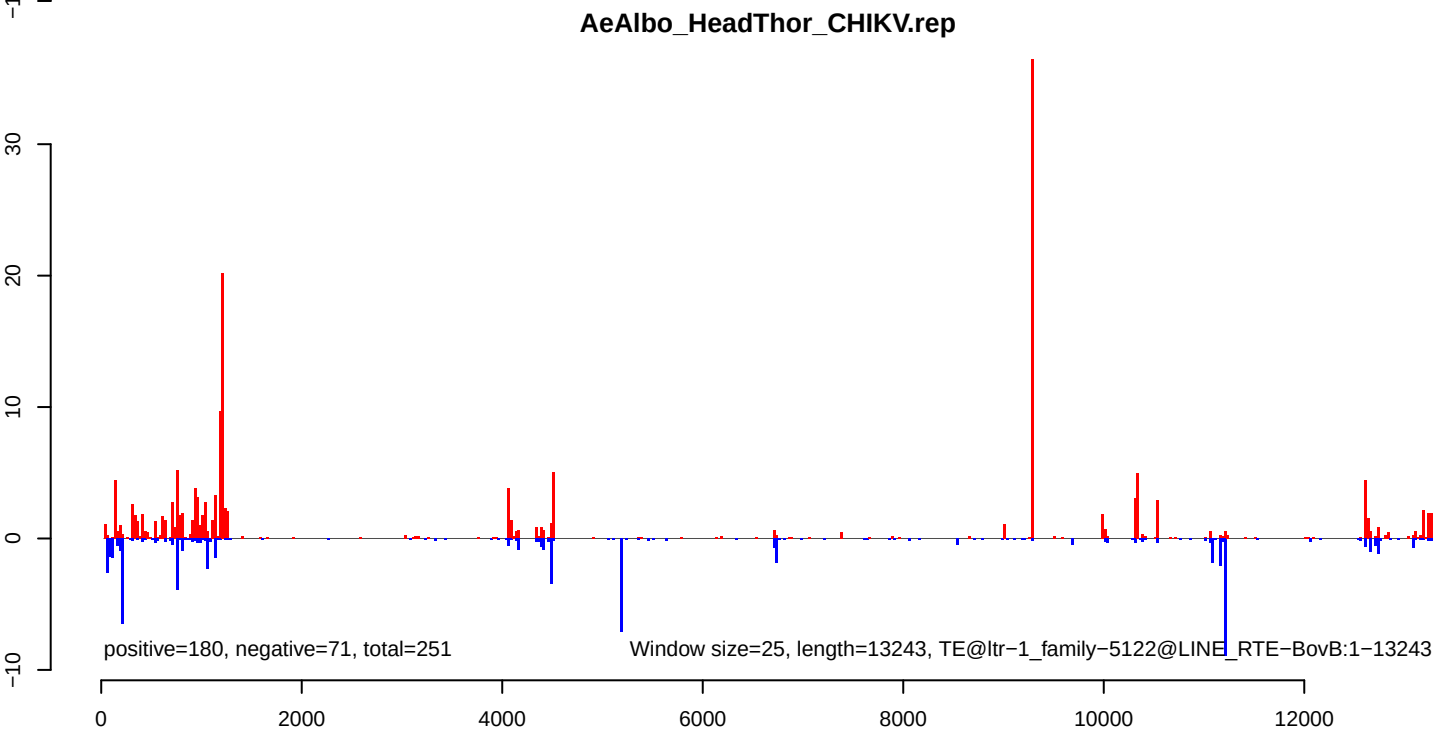

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
positive=11, negative=102, total=114
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
positive=7, negative=70, total=77
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
positive=18, negative=172, total=191
Window size=25, length=12958, TE@ltr−1_family−3549@LTR_Gypsy:1−12958
0
2000
4000
6000
8000
10000
12000


AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
positive=63, negative=79, total=142
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
positive=26, negative=4, total=31
AeAlbo_HeadThor_CHIKV.rep
20
15
10
5
0
−5
positive=89, negative=83, total=172
Window size=25, length=9959, TE@ltr−1_family−5070@LINE_R1−LOA:1−9959
0
2000
4000
6000
8000
10000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=38, negative=13, total=51
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=554, negative=25, total=579
AeAlbo_HeadThor_CHIKV.rep
positive=592, negative=38, total=630
Window size=25, length=6173, TE@ltr−1_family−4271@LTR_Gypsy:1−6173
0
20
40
60
80
0
1000
2000
3000
4000
5000
6000


AeAlbo_HeadThor_CHIKV.18_23.rep
30
20
10
0
−10
positive=148, negative=64, total=212


AeAlbo_HeadThor_CHIKV.24_35.rep
30
20
10
0
−10
positive=32, negative=7, total=39


AeAlbo_HeadThor_CHIKV.rep
30
20
10
0
−10
positive=180, negative=71, total=251
Window size=25, length=13243, TE@ltr−1_family−5122@LINE_RTE−BovB:1−13243
0
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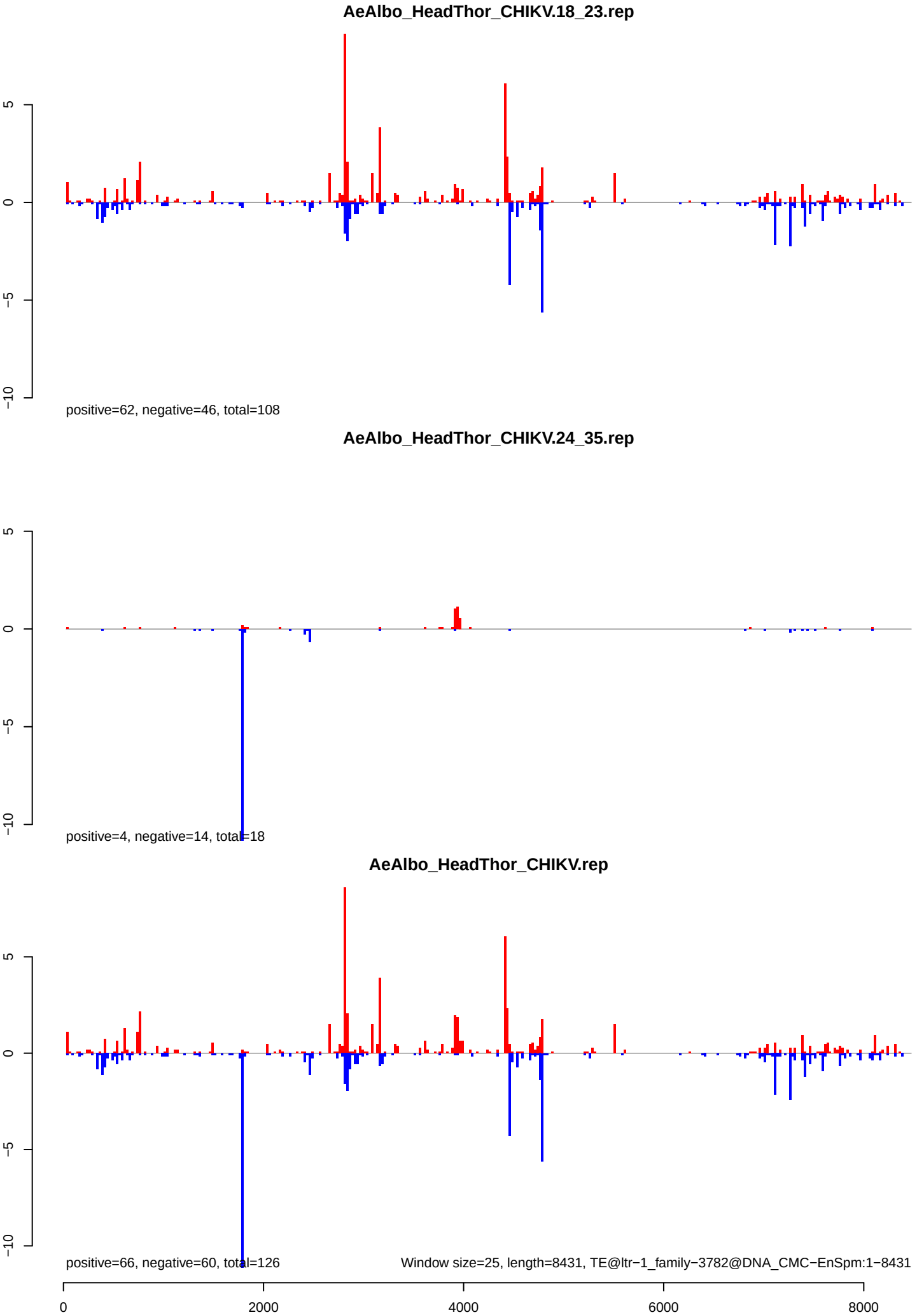
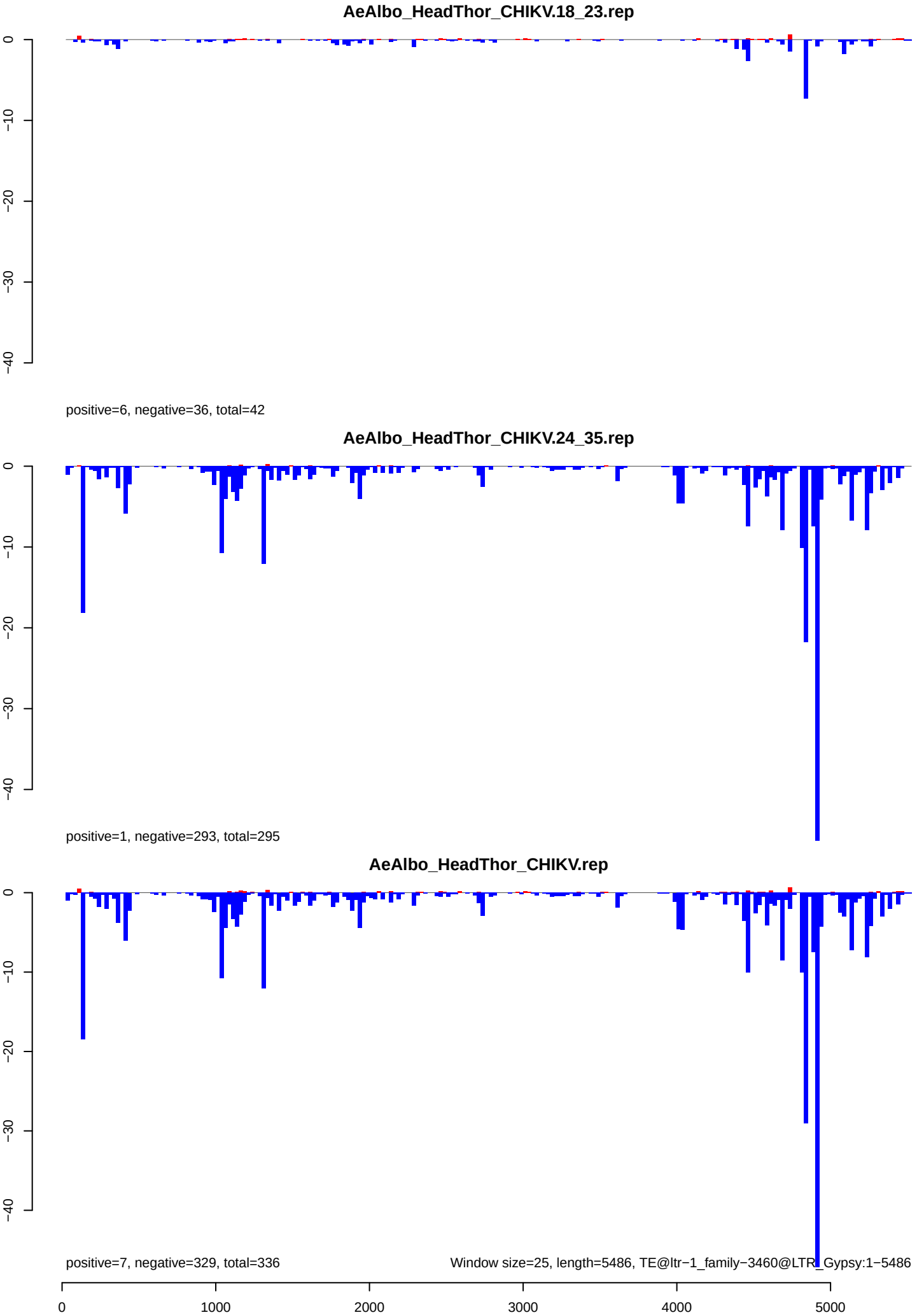
4000
6000
8000
10000
12000


AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
positive=62, negative=46, total=108
AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
positive=4, negative=14, total=18
AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
positive=66, negative=60, total=126
Window size=25, length=8431, TE@ltr−1_family−3782@DNA_CMC−EnSpm:1−8431
0
2000
4000
6000
8000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=6, negative=36, total=42
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=1, negative=293, total=295
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=7, negative=329, total=336
Window size=25, length=5486, TE@ltr−1_family−3460@LTR_Gypsy:1−5486
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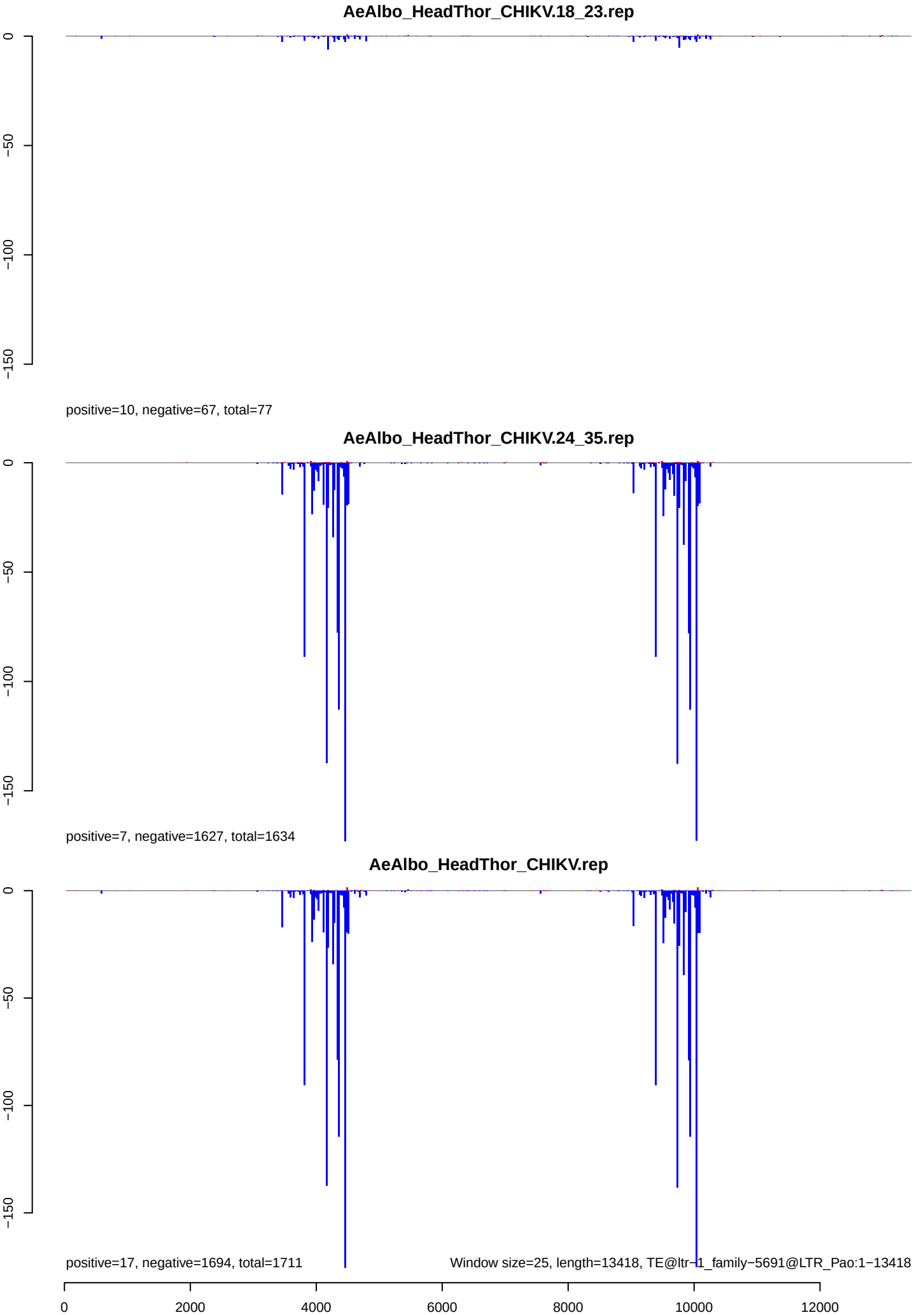
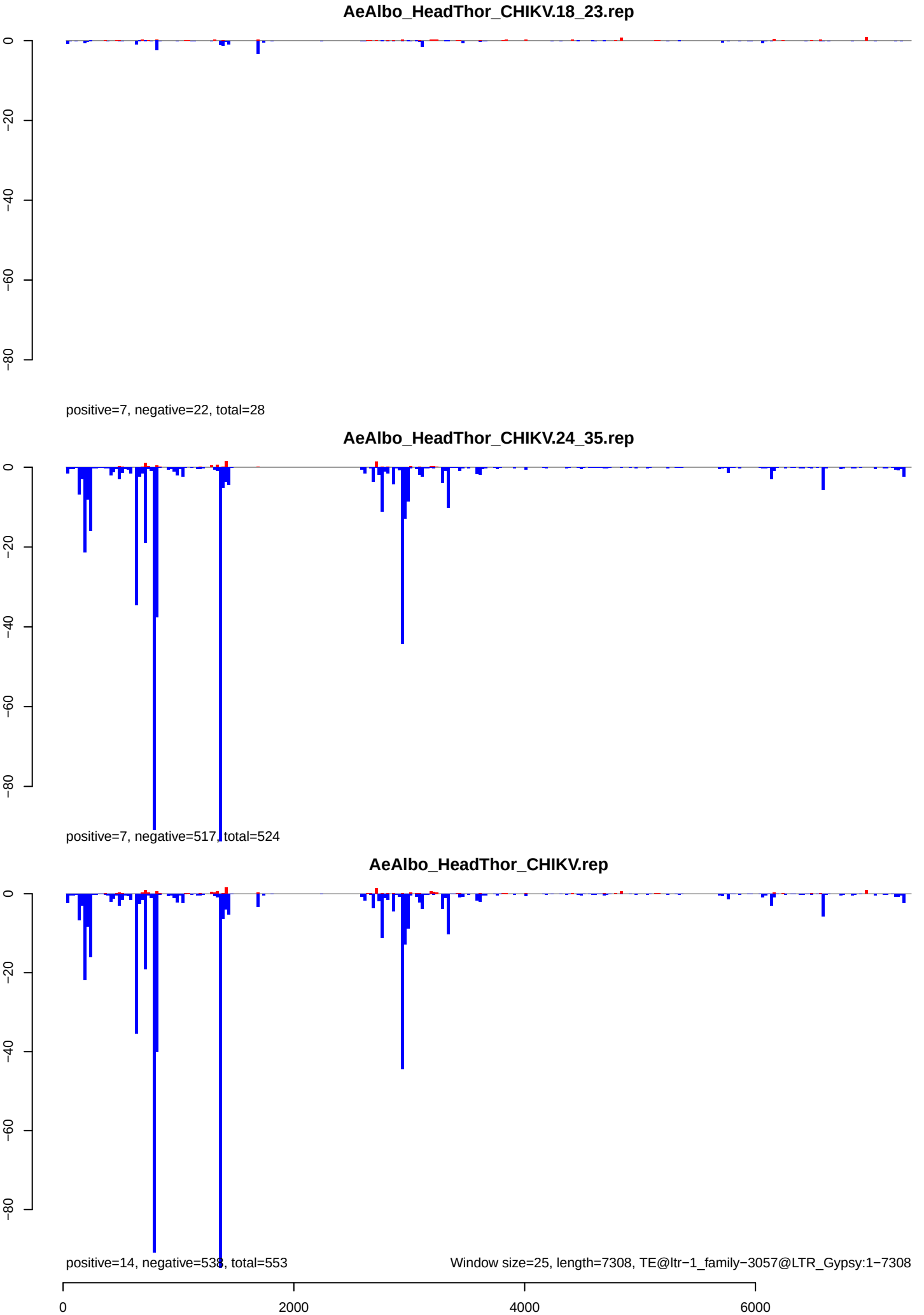
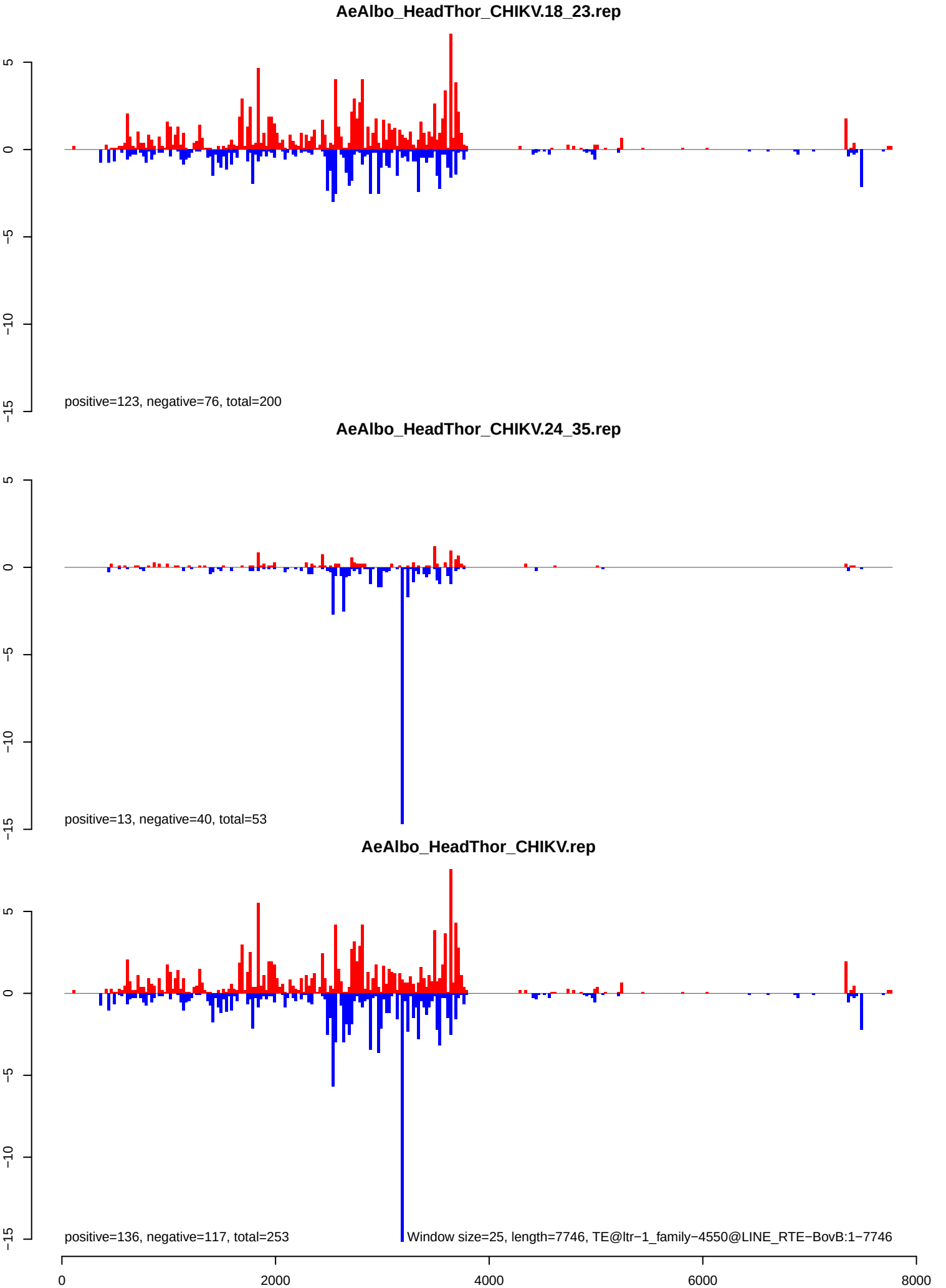
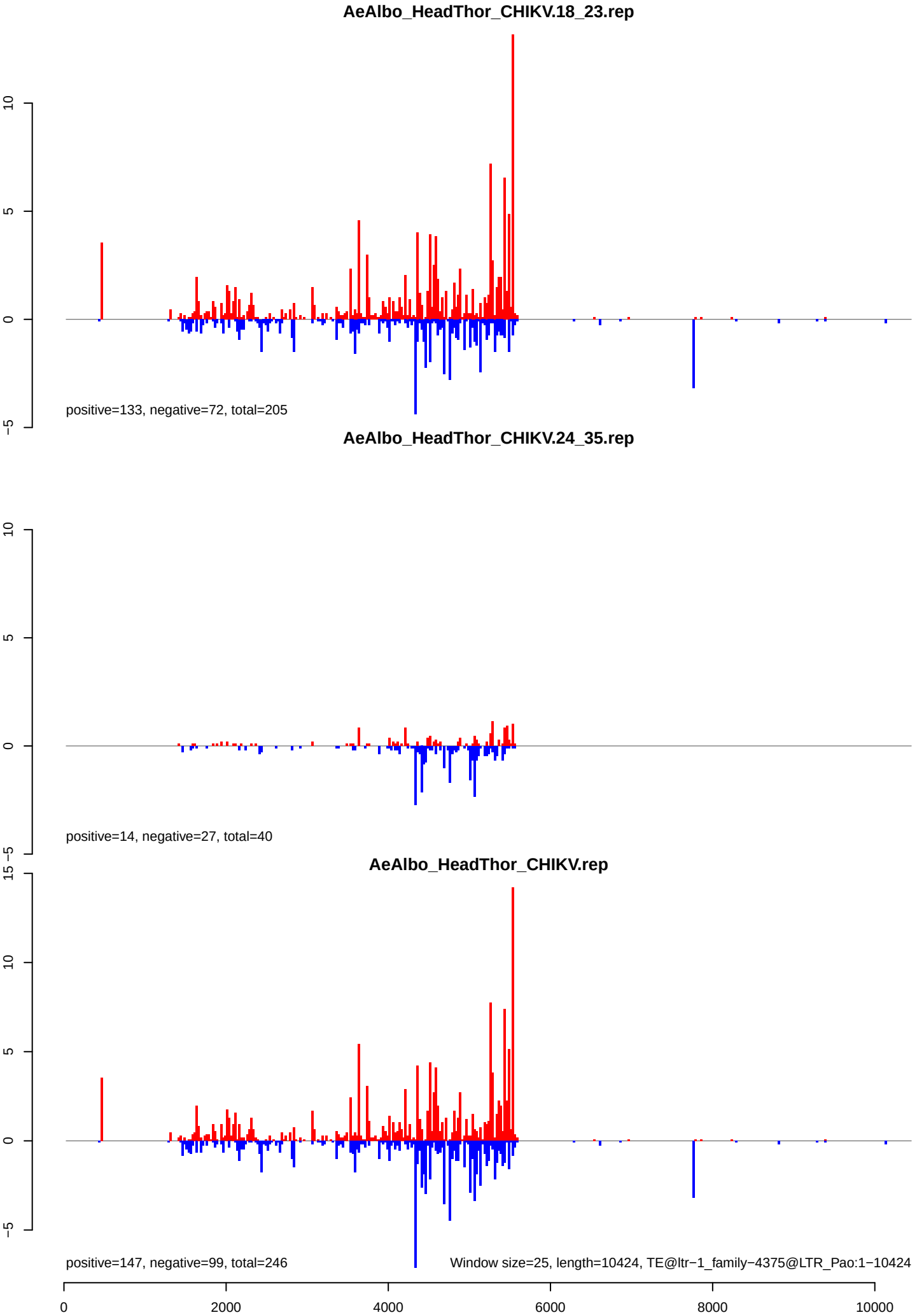
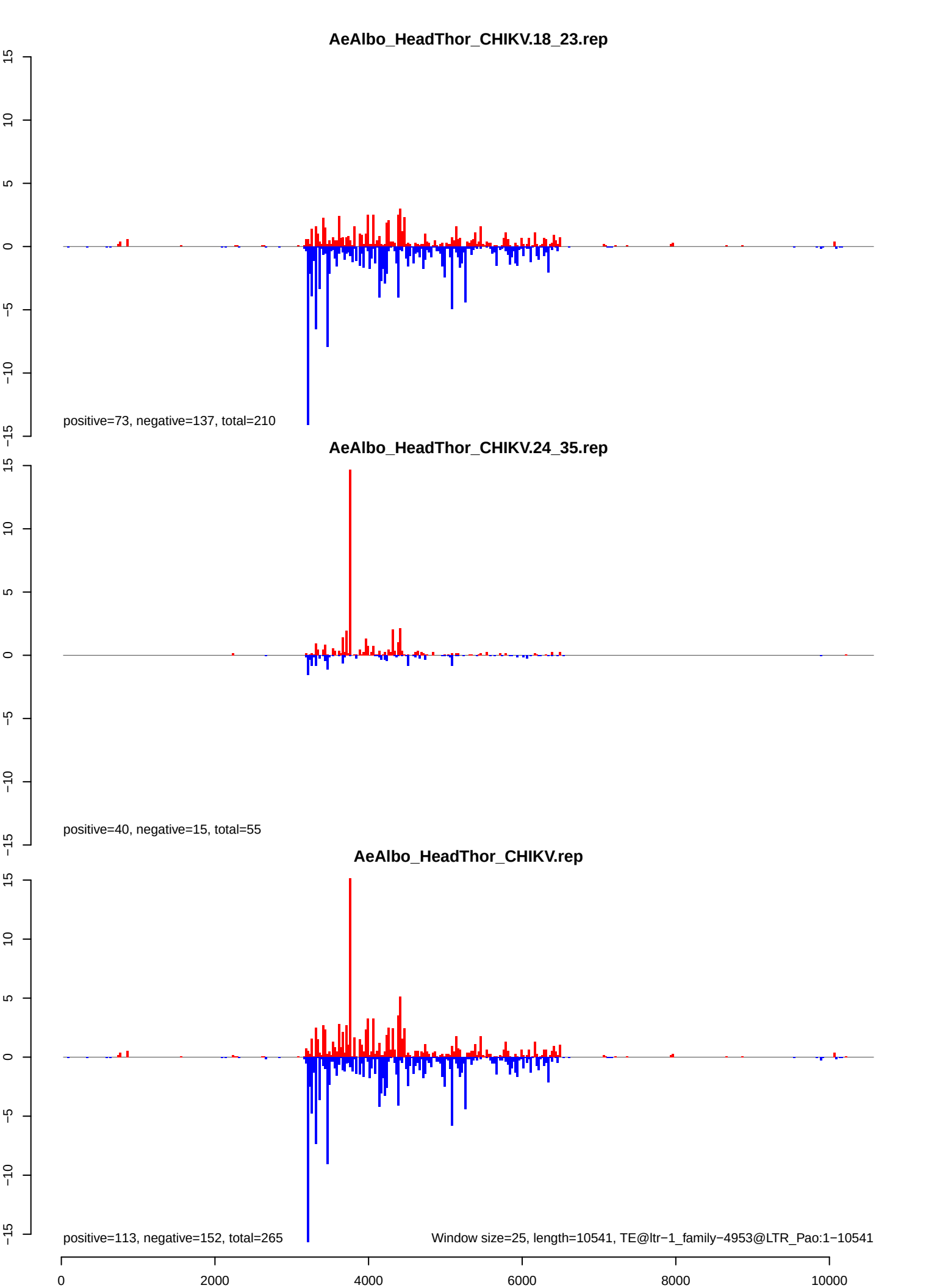
1000
2000
3000
4000
5000

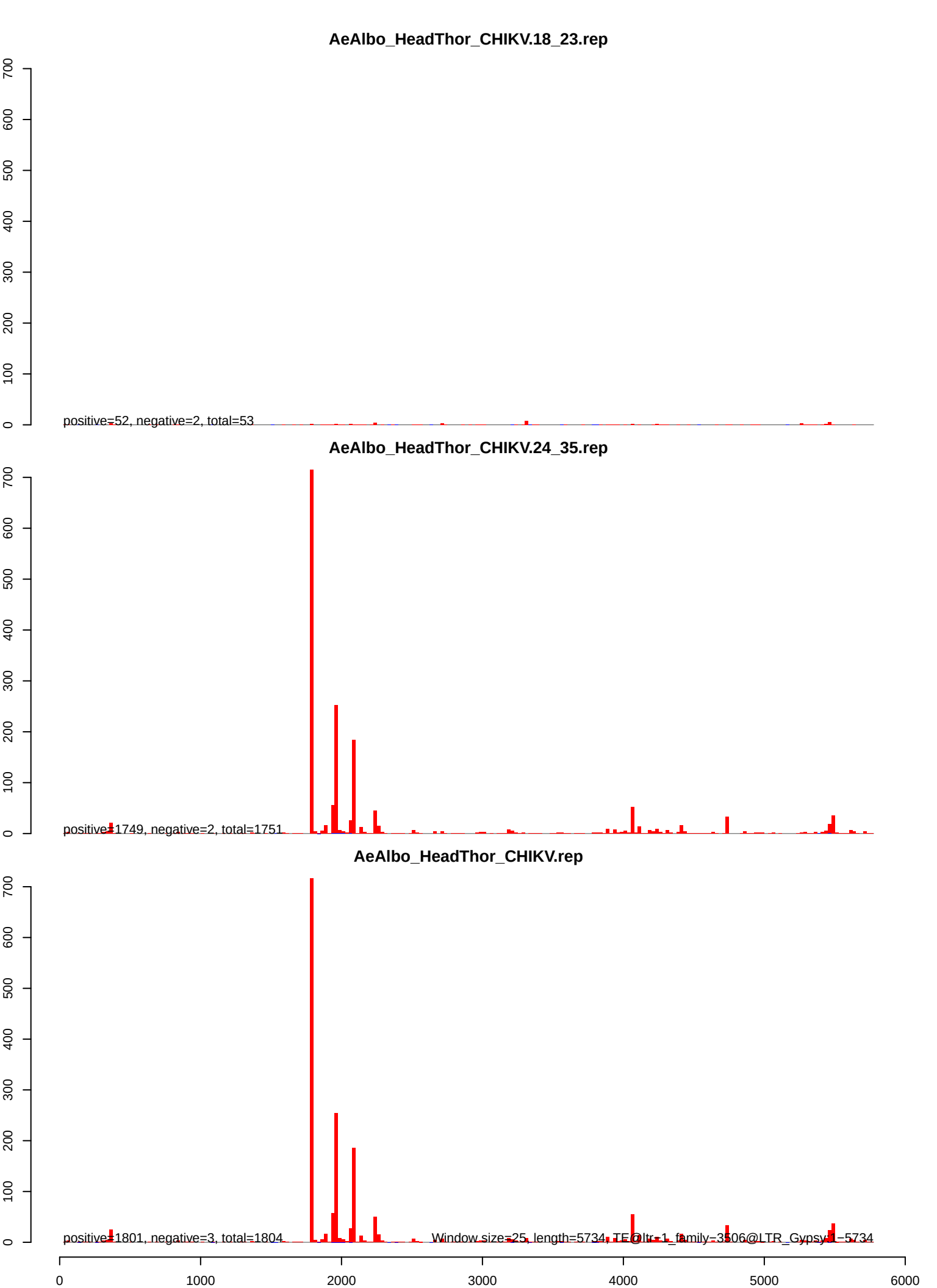

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
positive=10, negative=67, total=77
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
positive=7, negative=1627, total=1634
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
positive=17, negative=1694, total=1711
Window size=25, length=13418, TE@ltr−1_family−5691@LTR_Pao:1−13418
0
2000
4000
6000
8000
10000
12000

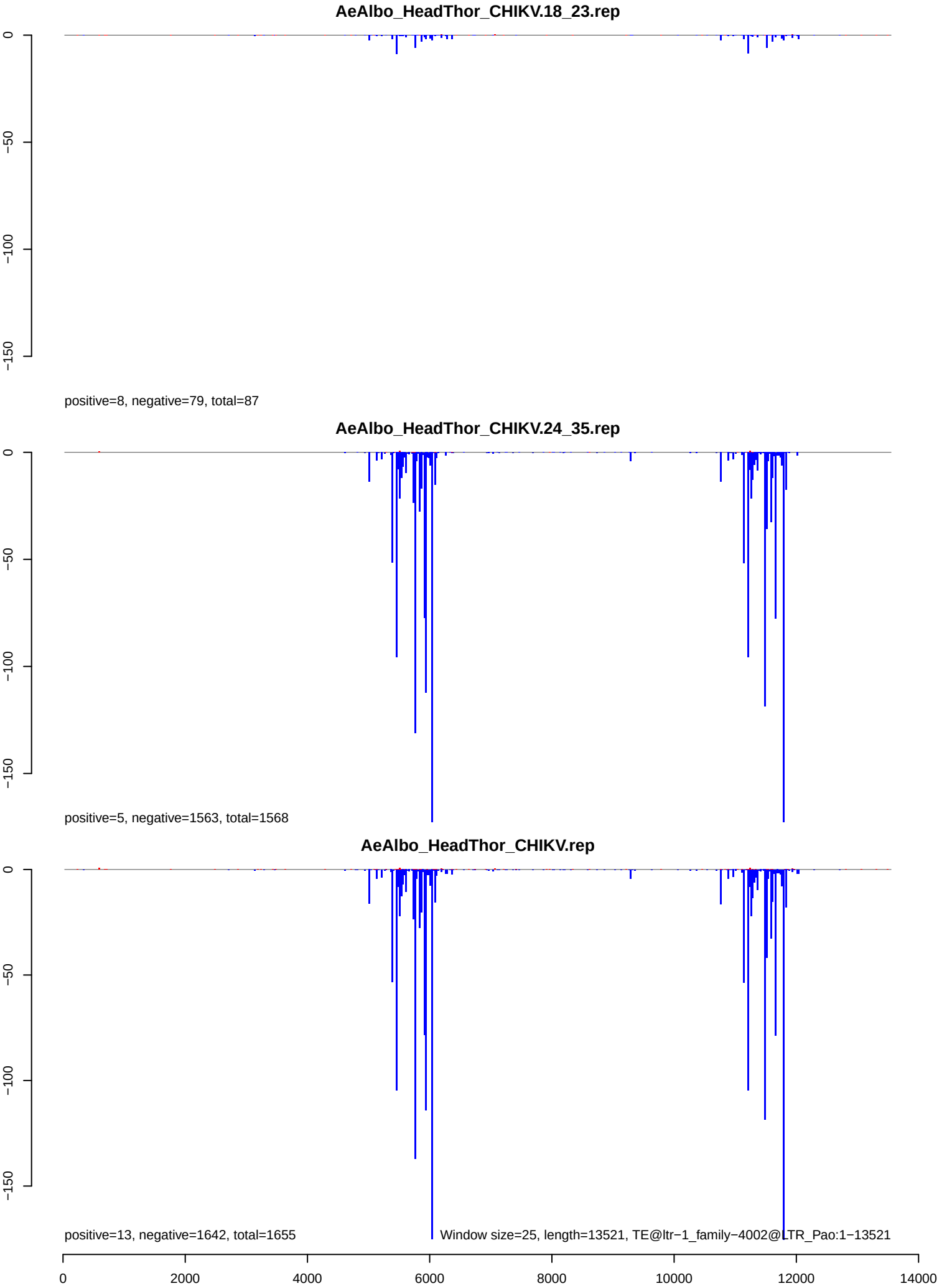

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
positive=7, negative=22, total=28
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
positive=7, negative=517, total=524
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
positive=14, negative=538, total=553
Window size=25, length=7308, TE@ltr−1_family−3057@LTR_Gypsy:1−7308
0
2000
4000
6000

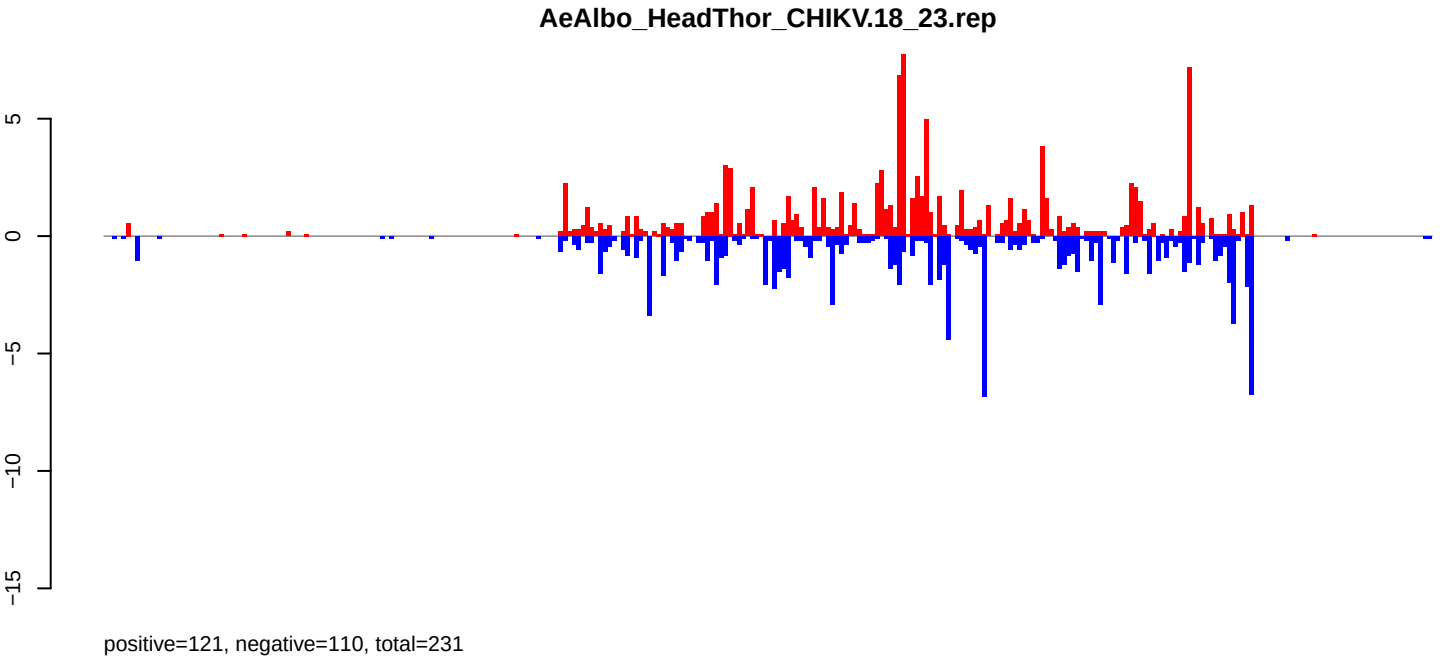

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=123, negative=76, total=200
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=13, negative=40, total=53
AeAlbo_HeadThor_CHIKV.rep
positive=136, negative=117, total=253
Window size=25, length=7746, TE@ltr−1_family−4550@LINE_RTE−BovB:1−7746
5
0
−5
−10
−15
0
2000
4000
6000
8000

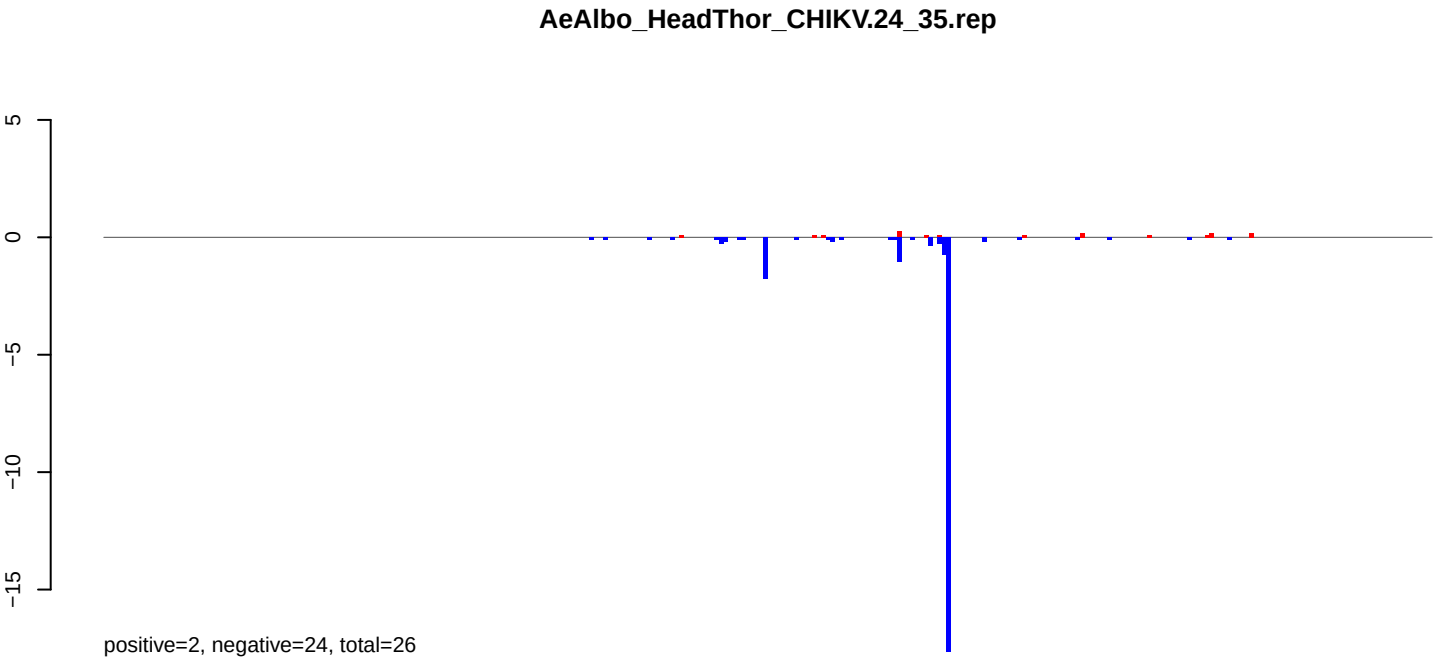

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=133, negative=72, total=205
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=14, negative=27, total=40
AeAlbo_HeadThor_CHIKV.rep
positive=147, negative=99, total=246
Window size=25, length=10424, TE@ltr−1_family−4375@LTR_Pao:1−10424
0
2000
4000
6000
8000
10000

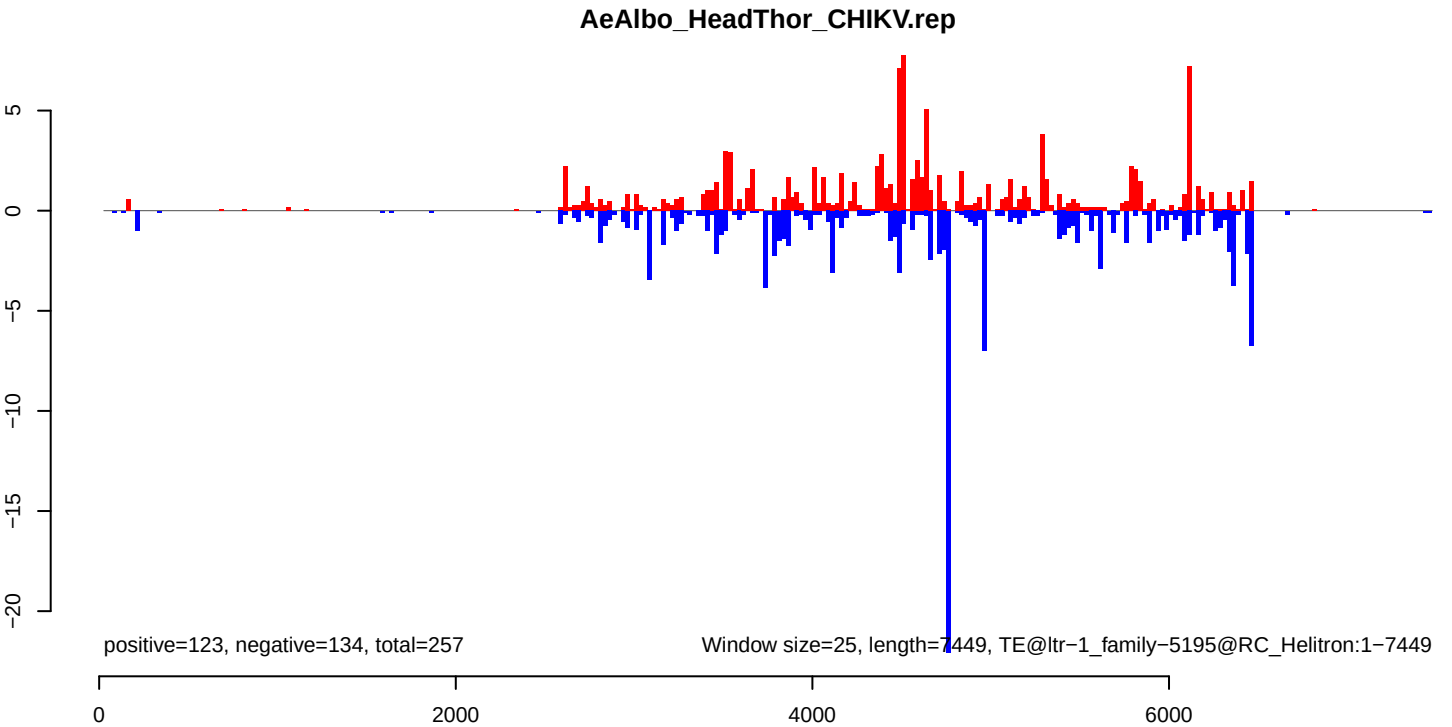

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=73, negative=137, total=210
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=40, negative=15, total=55
AeAlbo_HeadThor_CHIKV.rep
positive=113, negative=152, total=265
Window size=25, length=10541, TE@ltr−1_family−4953@LTR_Pao:1−10541
15
10
5
0
−5
−10
−15
0
2000
4000
6000
8000
10000

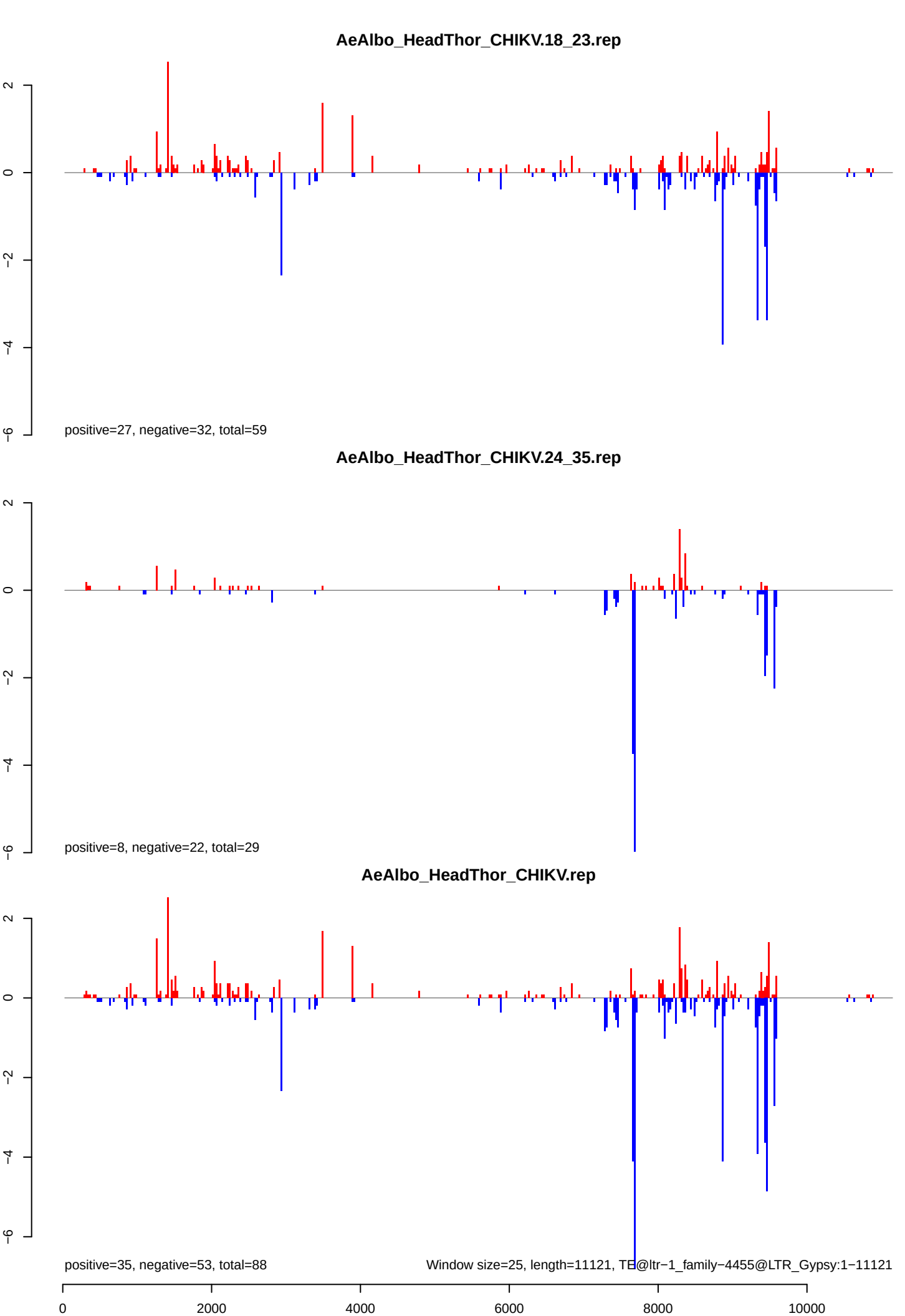

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=52, negative=2, total=53
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1749, negative=2, total=1751
AeAlbo_HeadThor_CHIKV.rep
positive=1801, negative=3, total=1804
Window size=25, length=5734, TE@ltr=1_family=3506@LTR_Gypsy=1=5734
0
100
200
300
400
500
600
700
0
1000
2000
3000
4000
5000
6000

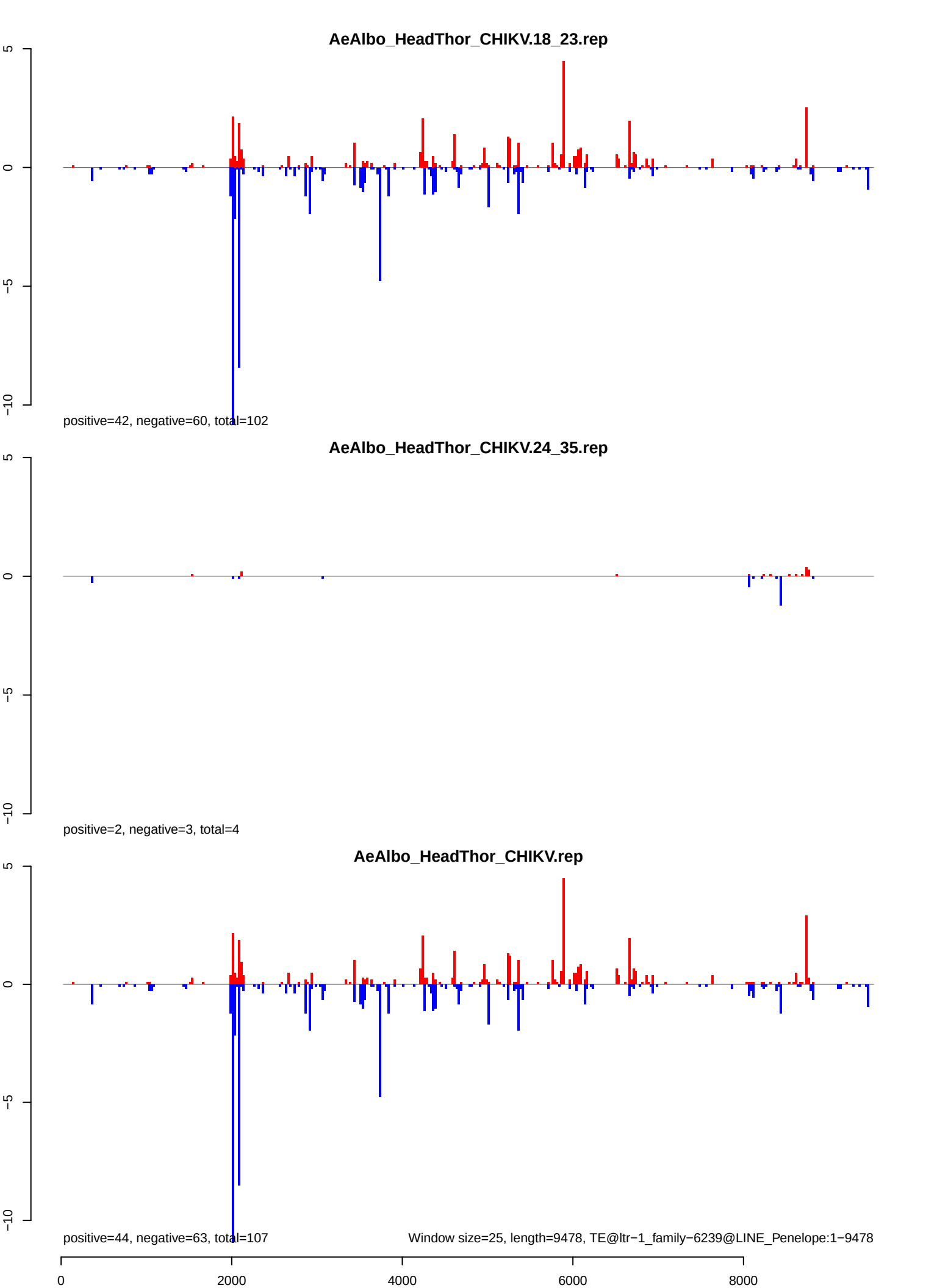

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
positive=8, negative=79, total=87
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
positive=5, negative=1563, total=1568
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
positive=13, negative=1642, total=1655
Window size=25, length=13521, TE@ltr−1_family−4002@LTR_Pao:1−13521
0
2000
4000
6000
8000
10000
12000
14000

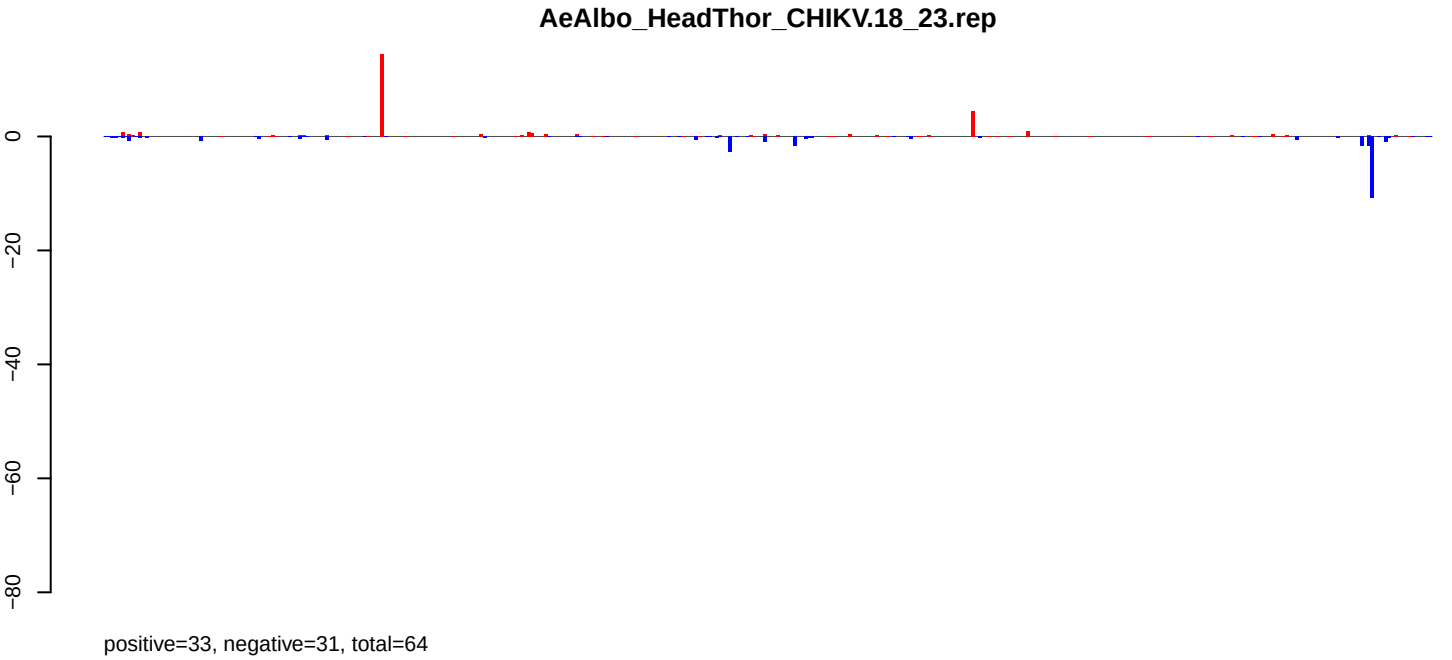

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
−15
positive=121, negative=110, total=231

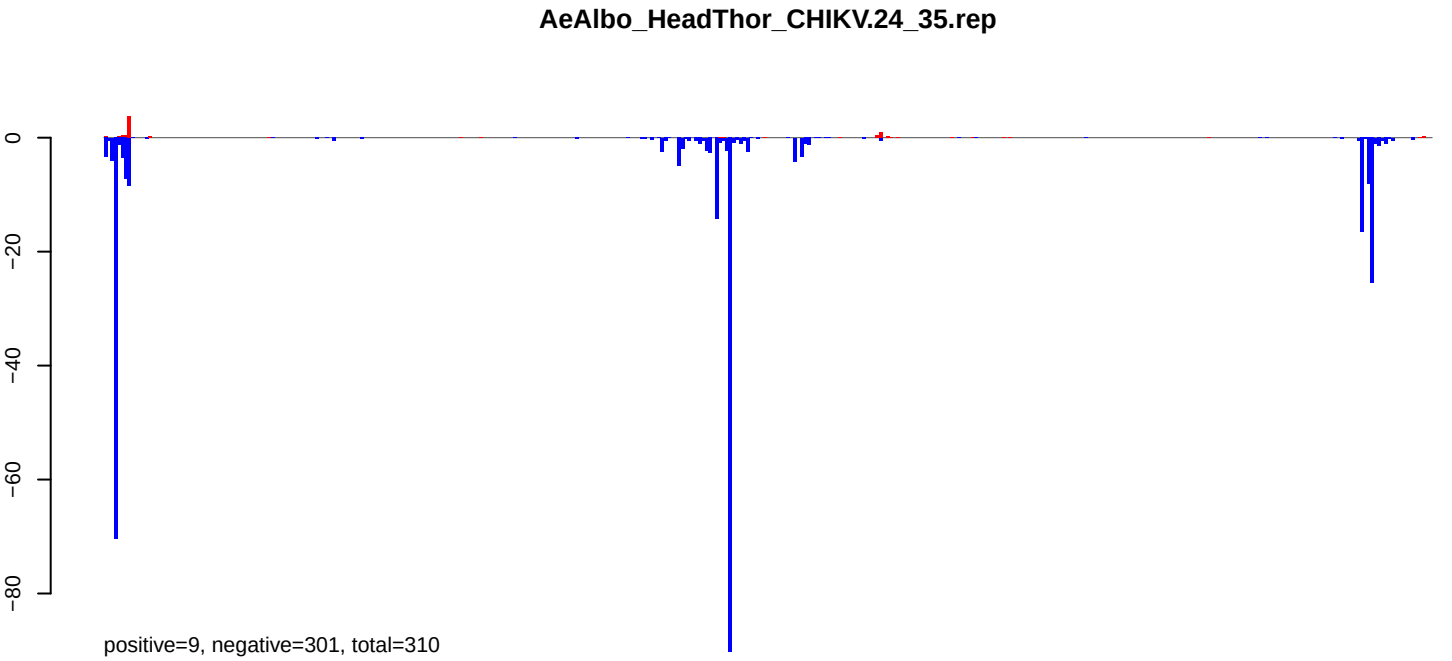

AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
−15
positive=2, negative=24, total=26

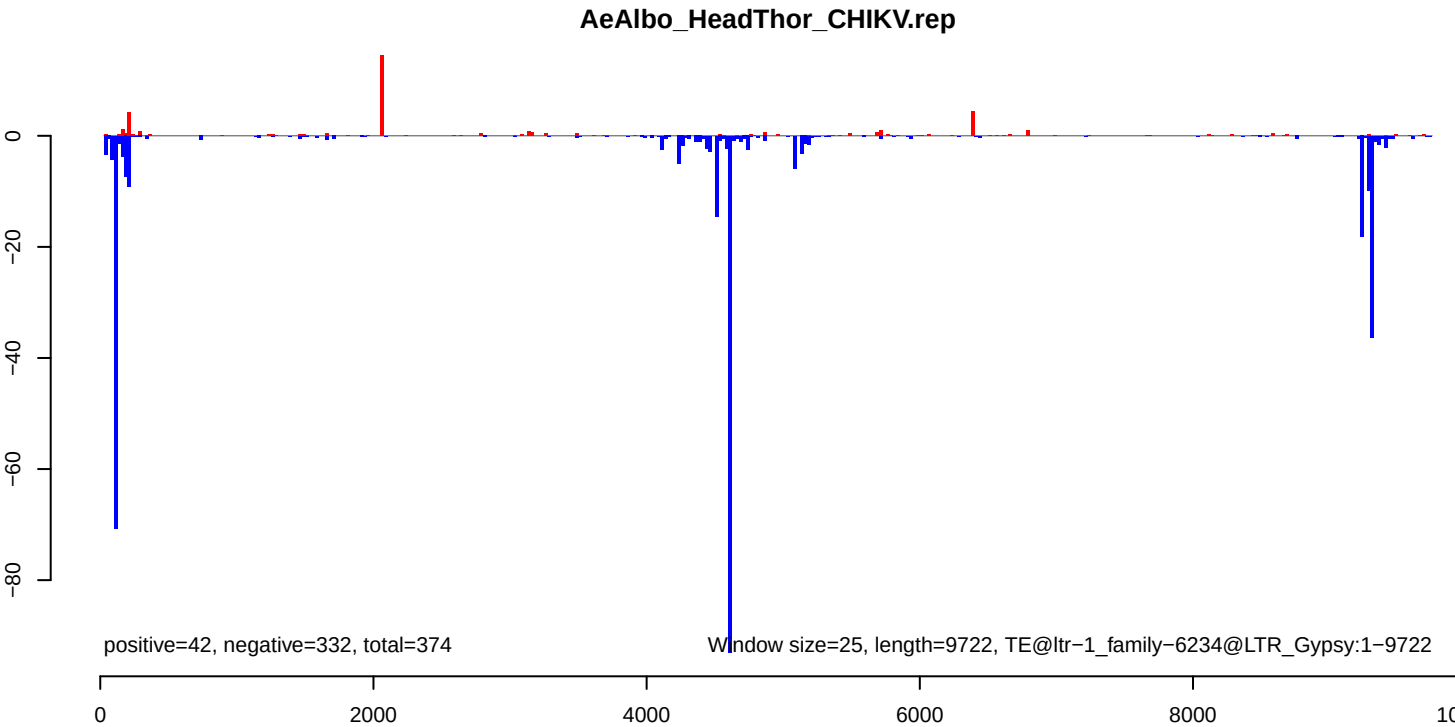

AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
−15
−20
positive=123, negative=134, total=257
Window size=25, length=7449, TE@ltr−1_family−5195@RC_Helitron:1−7449
0
2000
4000
6000

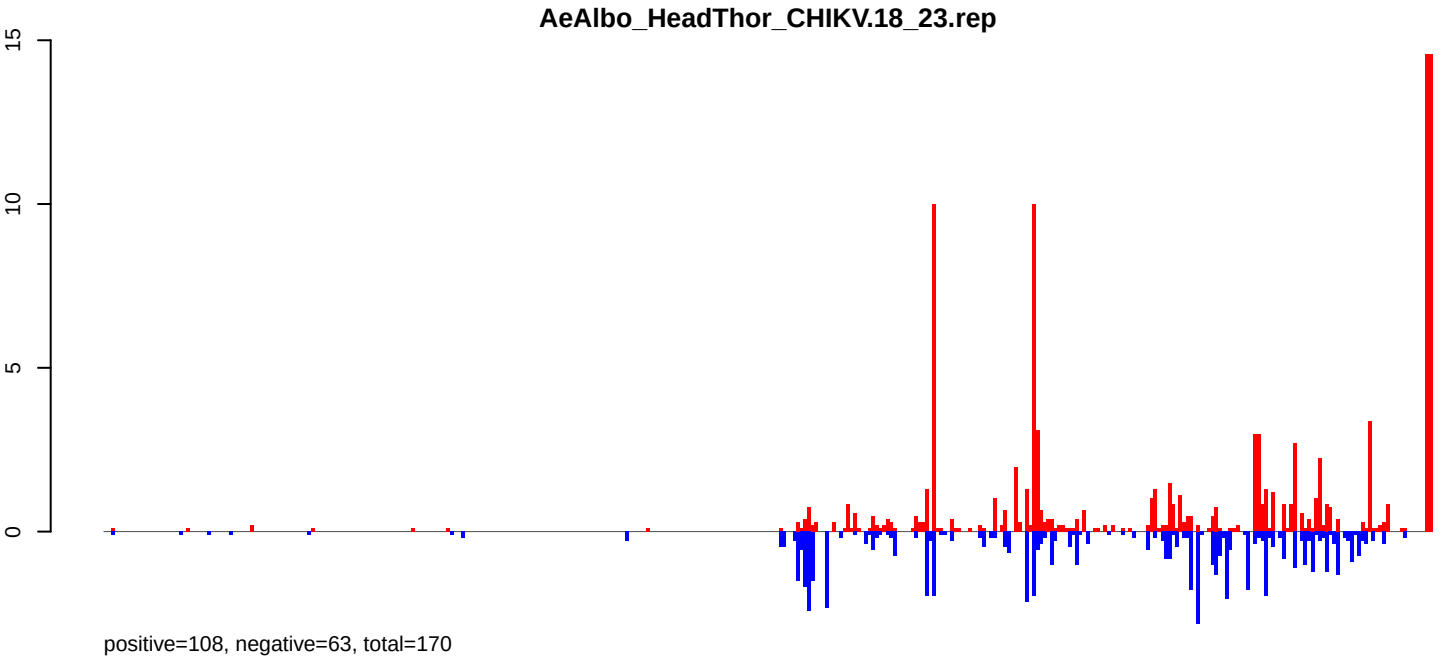

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=27, negative=32, total=59
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=8, negative=22, total=29
AeAlbo_HeadThor_CHIKV.rep
positive=35, negative=53, total=88
Window size=25, length=11121, TE@ltr−1_family−4455@LTR_Gypsy:1−11121
2
0
−2
−4
−6
0
2000
4000
6000
8000
10000

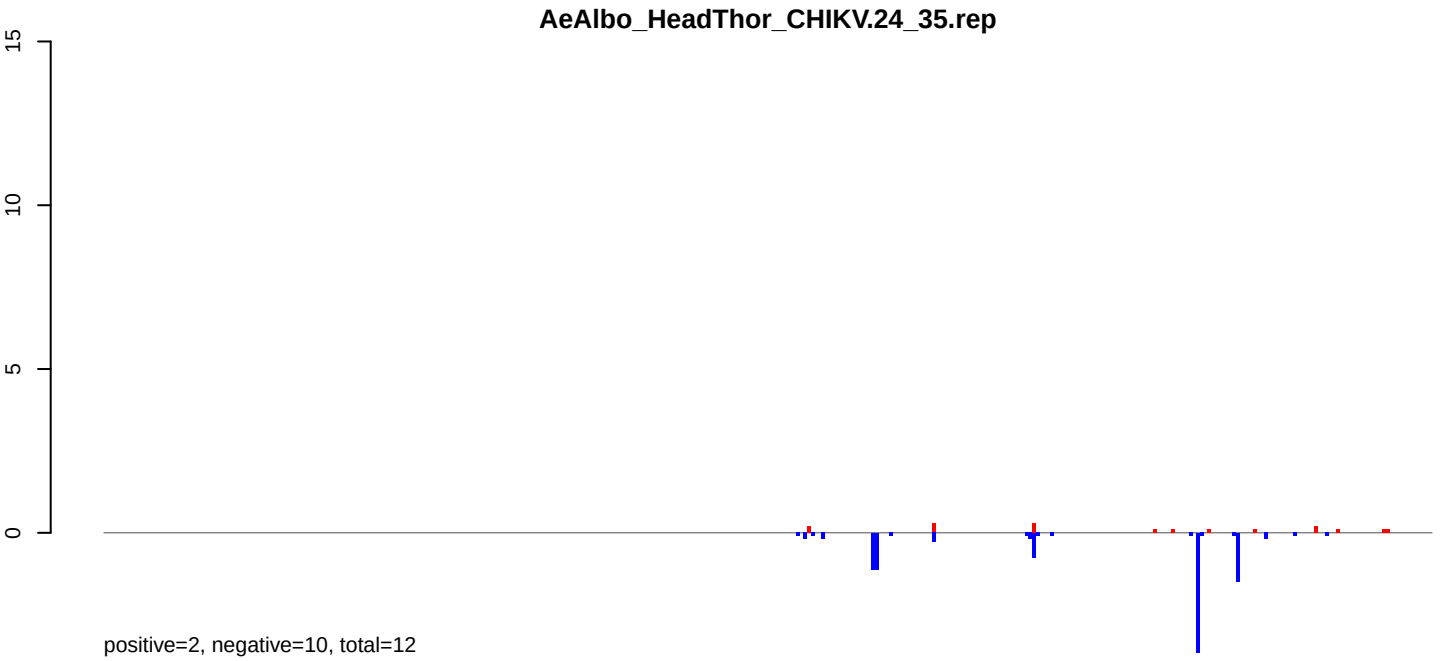

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=42, negative=60, total=102
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=3, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=44, negative=63, total=107
Window size=25, length=9478, TE@ltr−1_family−6239@LINE_Penelope:1−9478
5
0
−5
−10
0
2000
4000
6000
8000

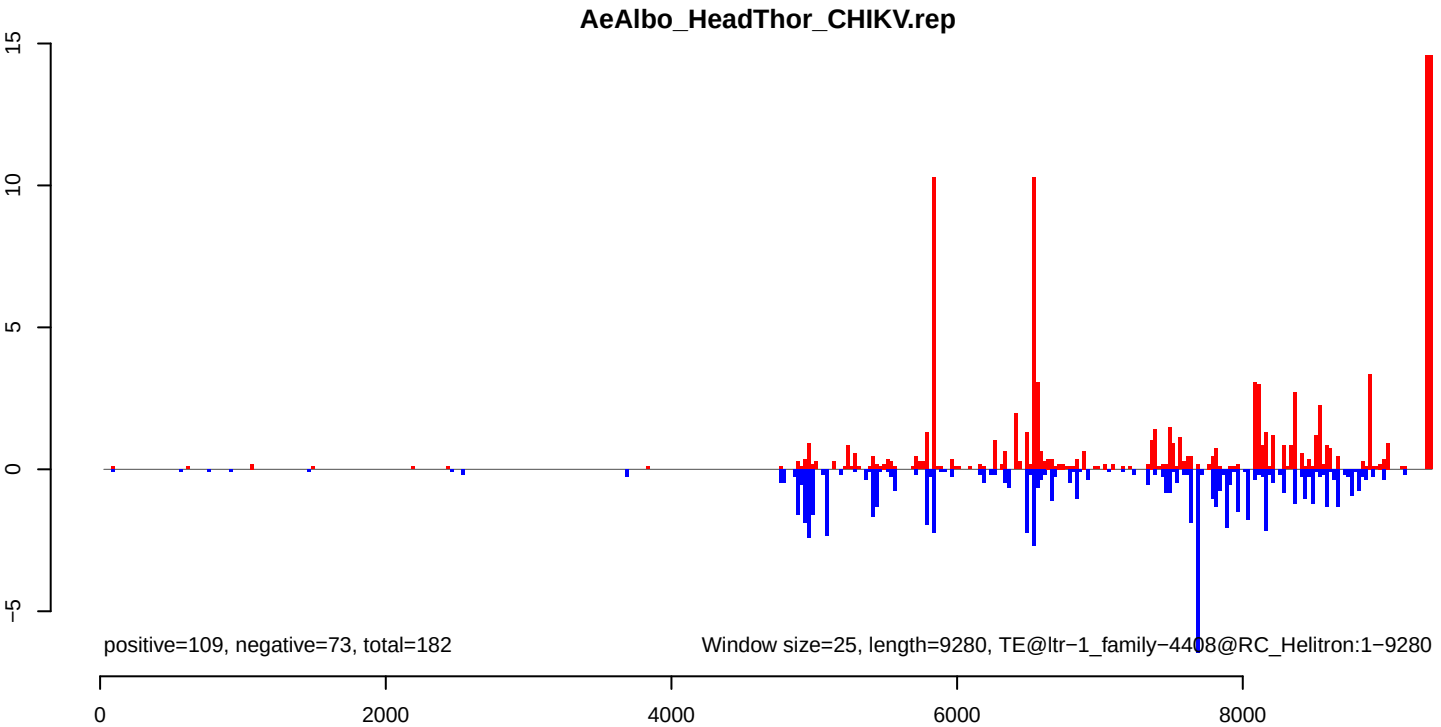

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
positive=33, negative=31, total=64

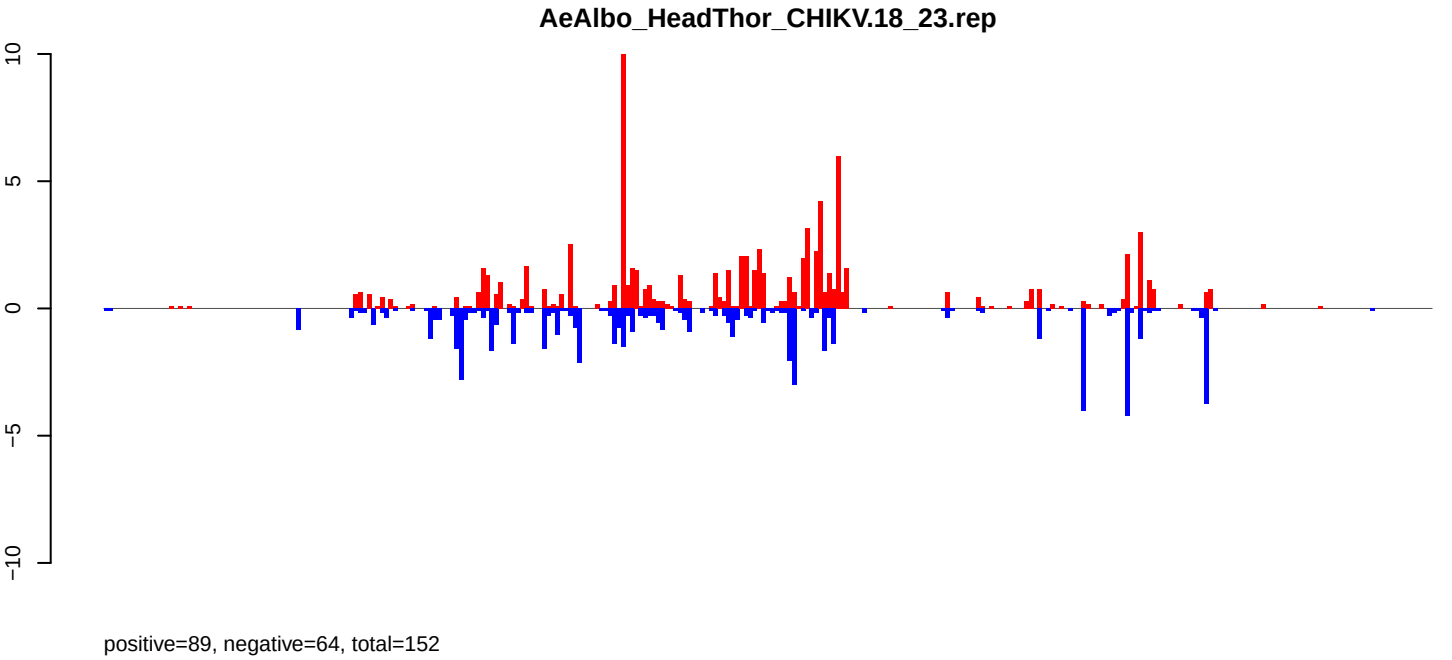

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
positive=9, negative=301, total=310

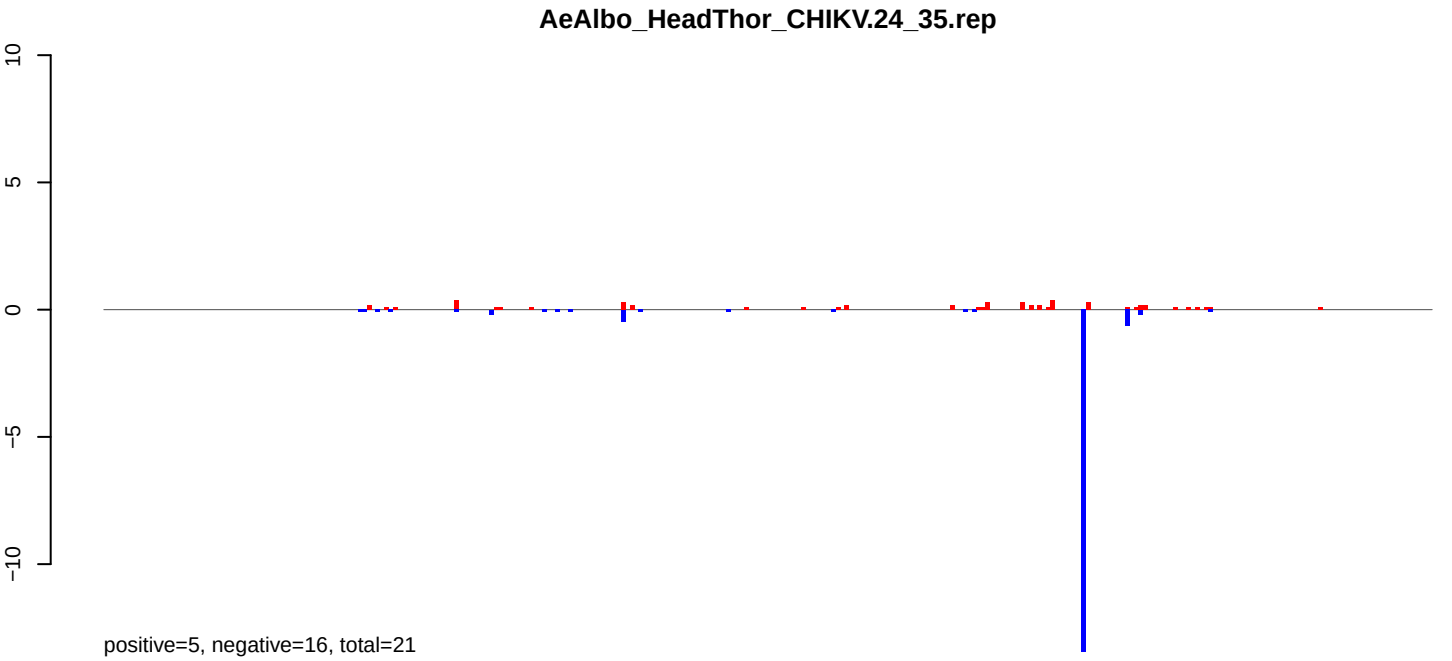

AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
positive=42, negative=332, total=374
Window size=25, length=9722, TE@ltr−1_family−6234@LTR_Gypsy:1−9722
0
2000
4000
6000
8000
10000

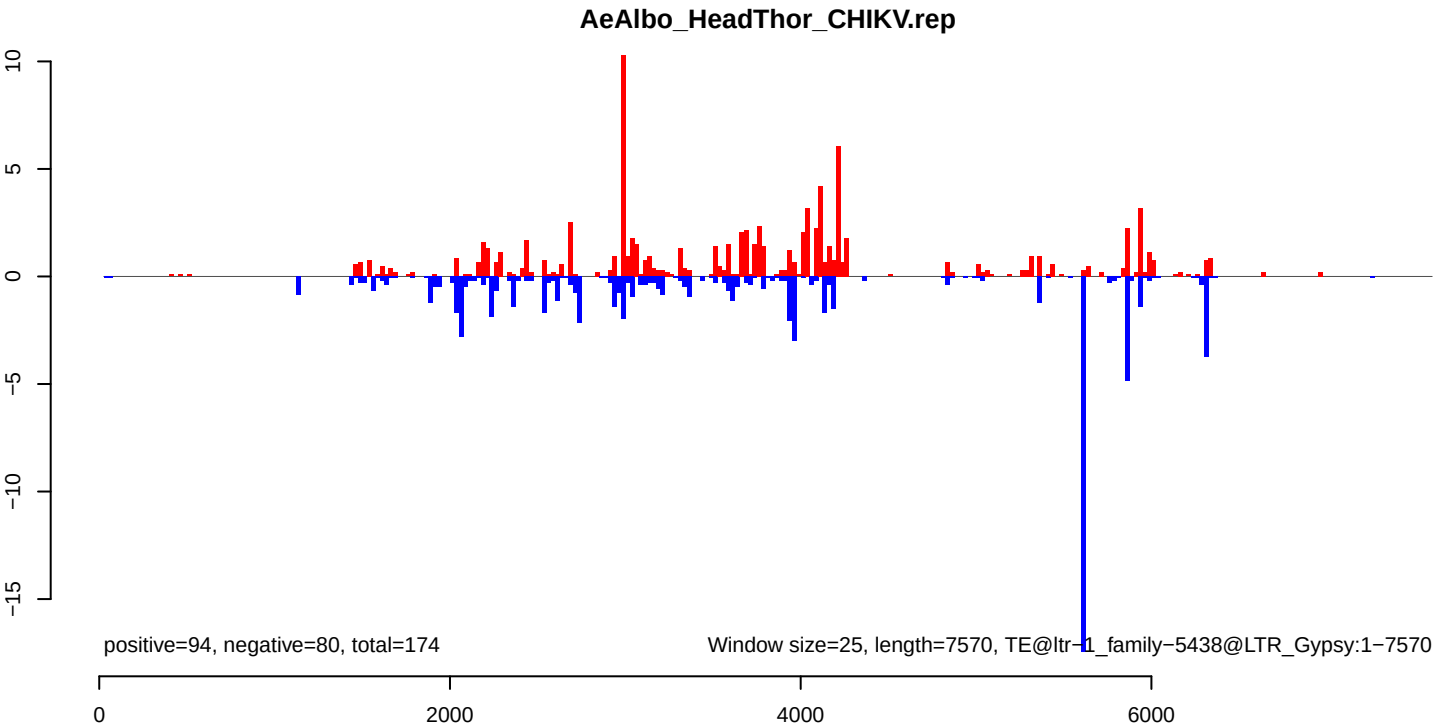

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=108, negative=63, total=170

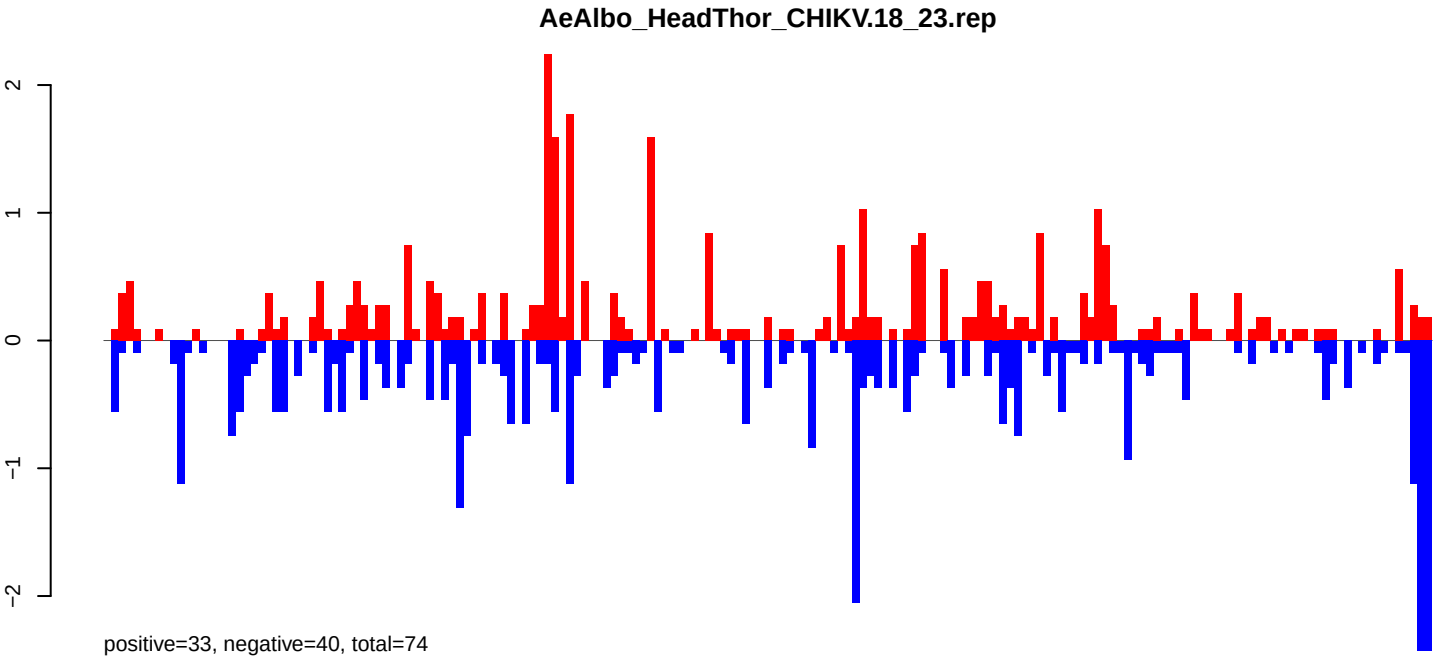

AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=2, negative=10, total=12

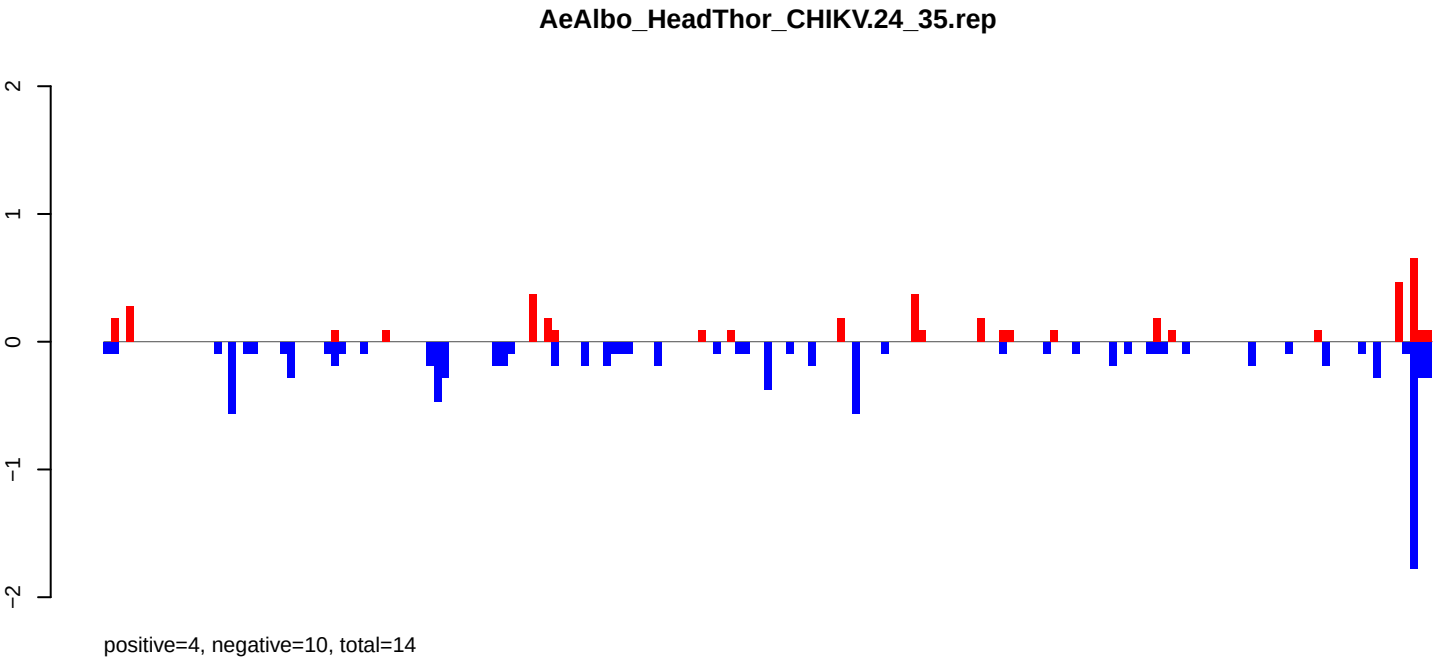

AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
positive=109, negative=73, total=182
Window size=25, length=9280, TE@ltr−1_family−4408@RC_Helitron:1−9280
0
2000
4000
6000
8000

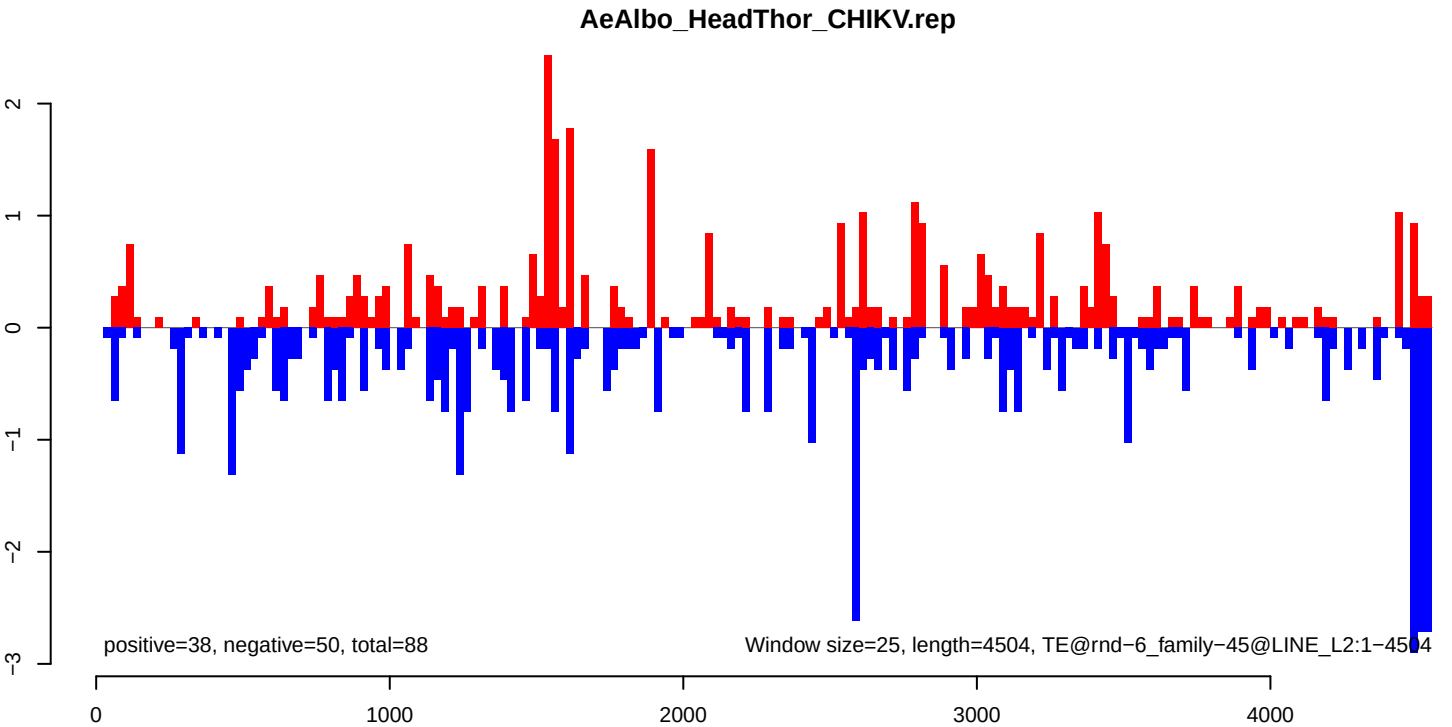

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
−10
positive=89, negative=64, total=152

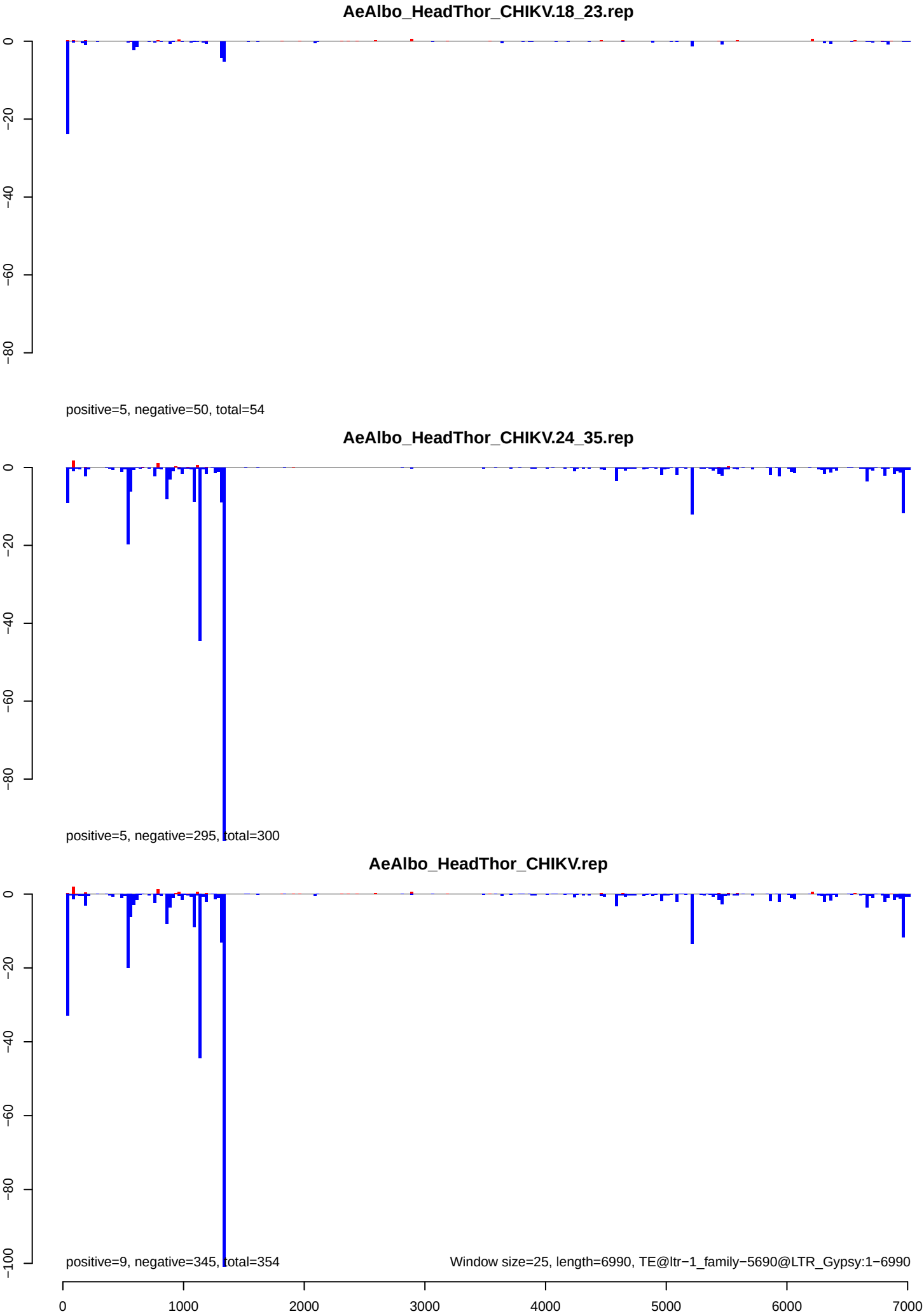

AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
−10
positive=5, negative=16, total=21

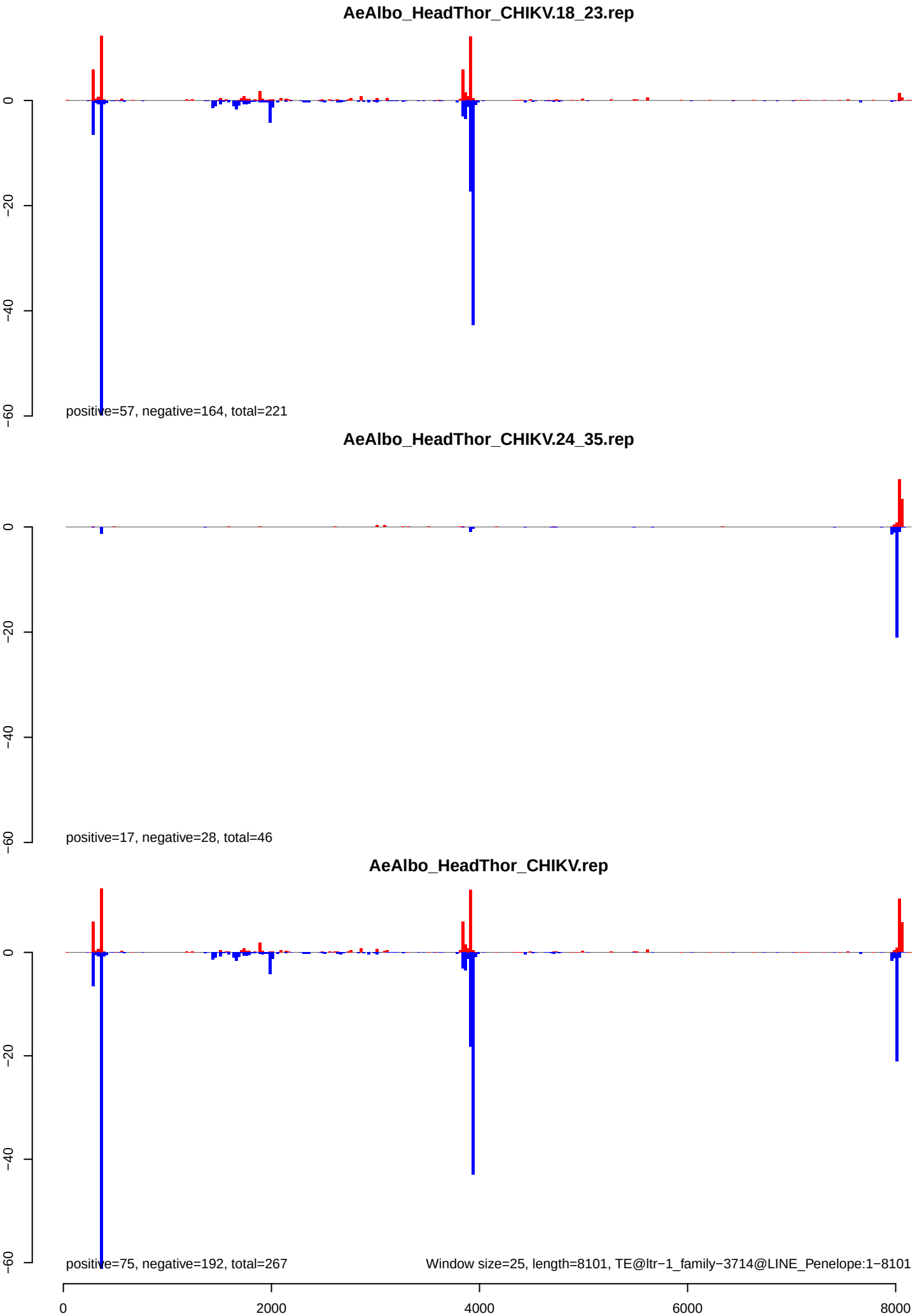

AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
−10
−15
positive=94, negative=80, total=174
Window size=25, length=7570, TE@ltr−1_family−5438@LTR_Gypsy:1−7570
0
2000
4000
6000

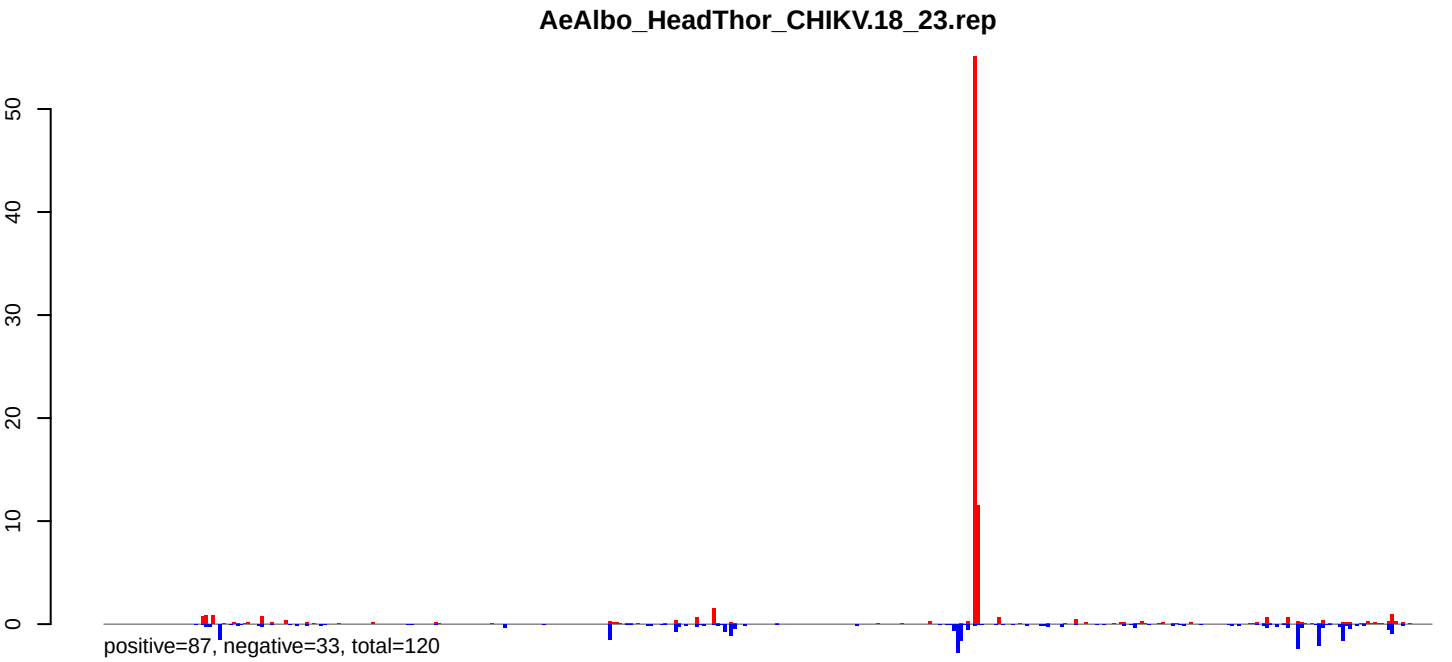

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=33, negative=40, total=74

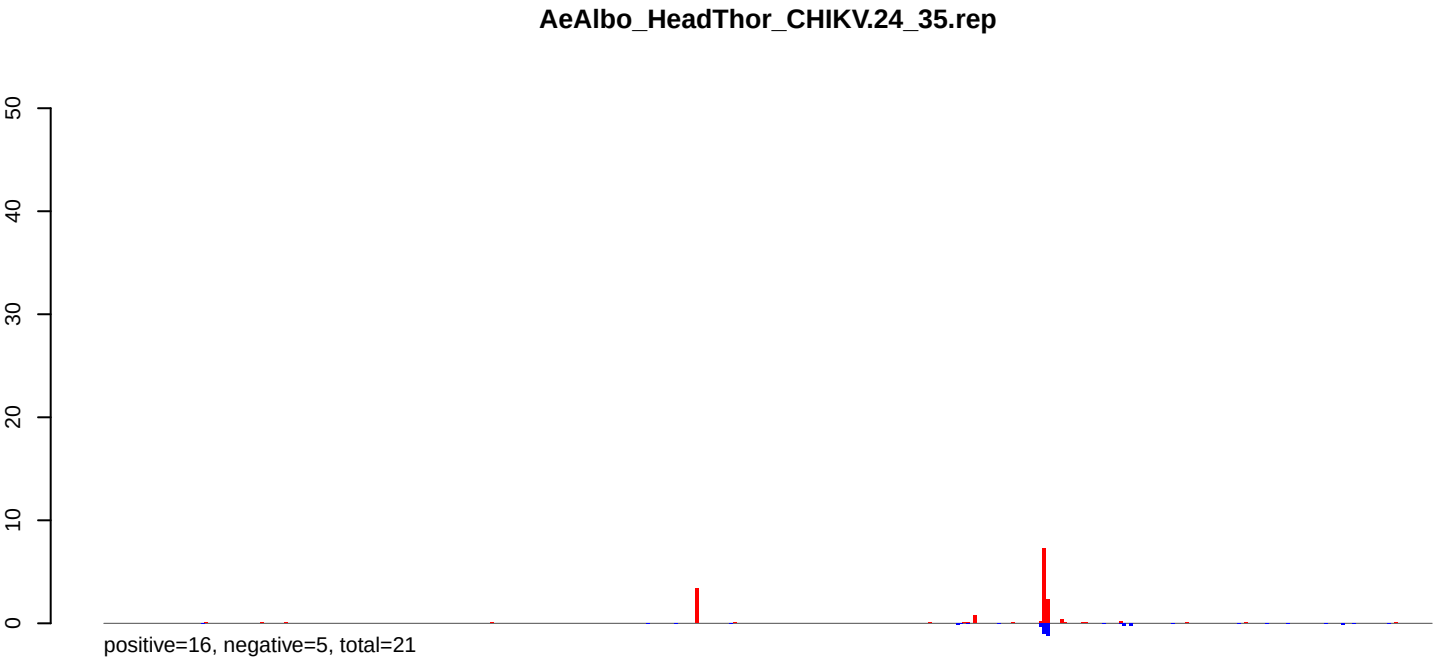

AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=10, total=14

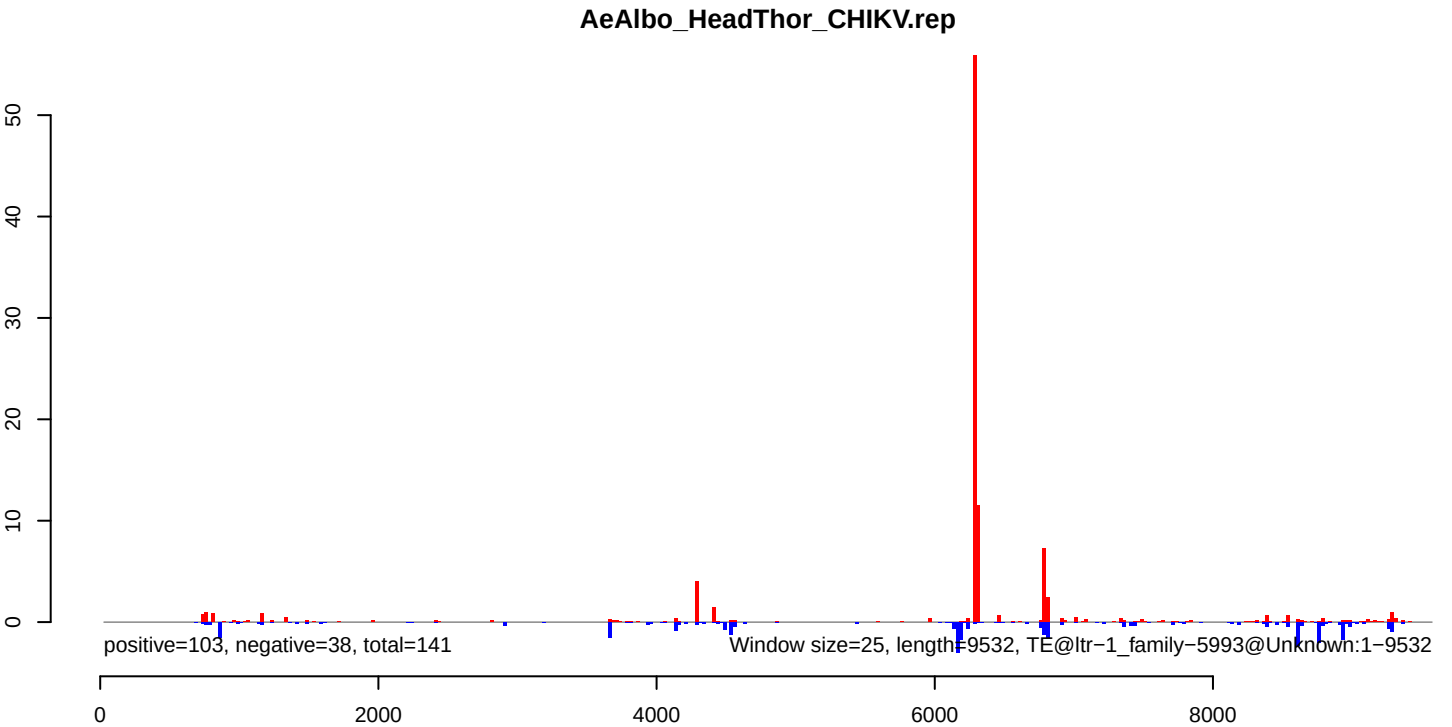

AeAlbo_HeadThor_CHIKV.rep
positive=38, negative=50, total=88
Window size=25, length=4504, TE@rnd−6_family−45@LINE_L2:1−4504
0
1000
2000
3000
4000

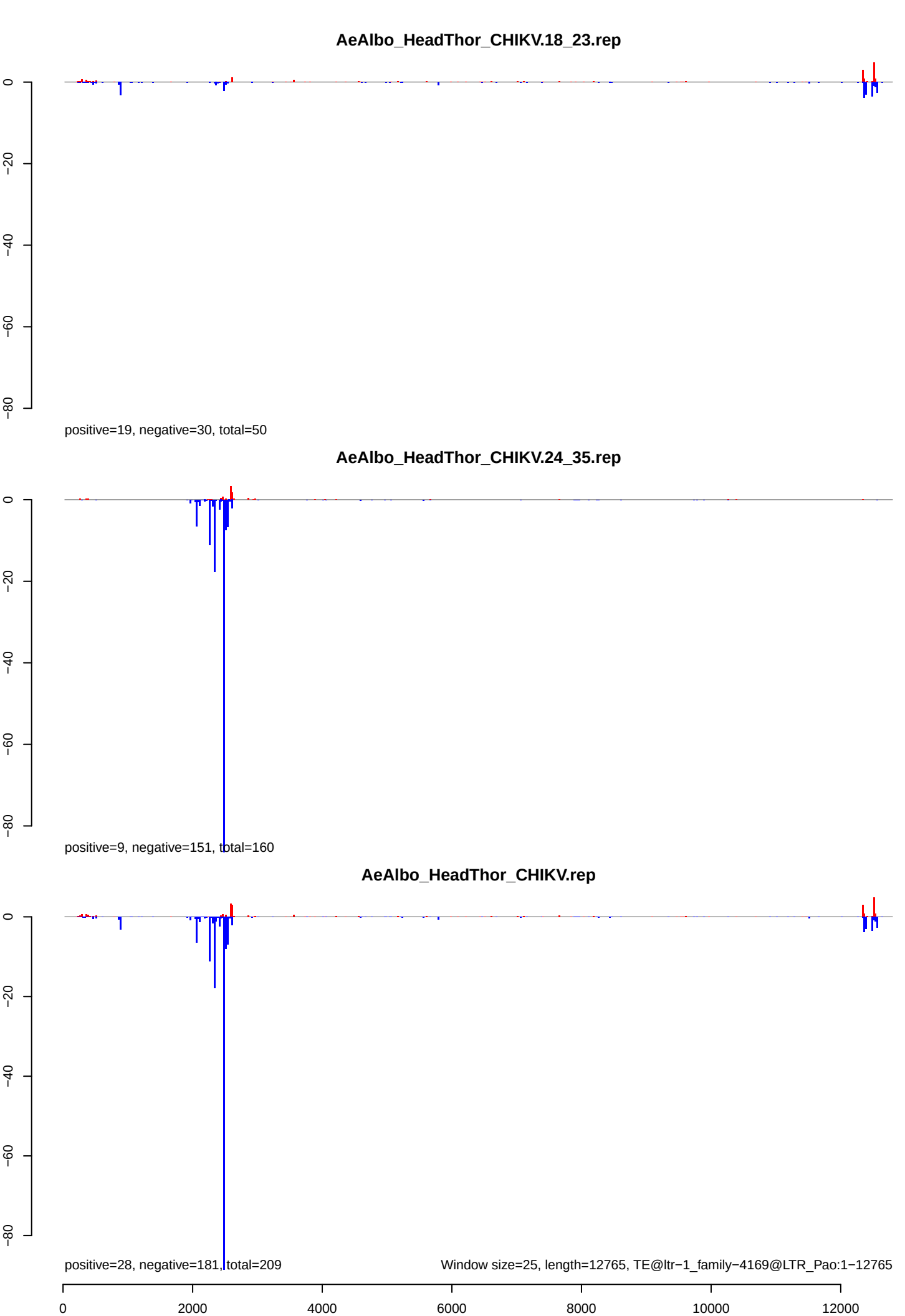

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
positive=5, negative=50, total=54
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
positive=5, negative=295, total=300
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=9, negative=345, total=354
Window size=25, length=6990, TE@ltr−1_family−5690@LTR_Gypsy:1−6990
0
1000
2000
3000
4000
5000
6000
7000

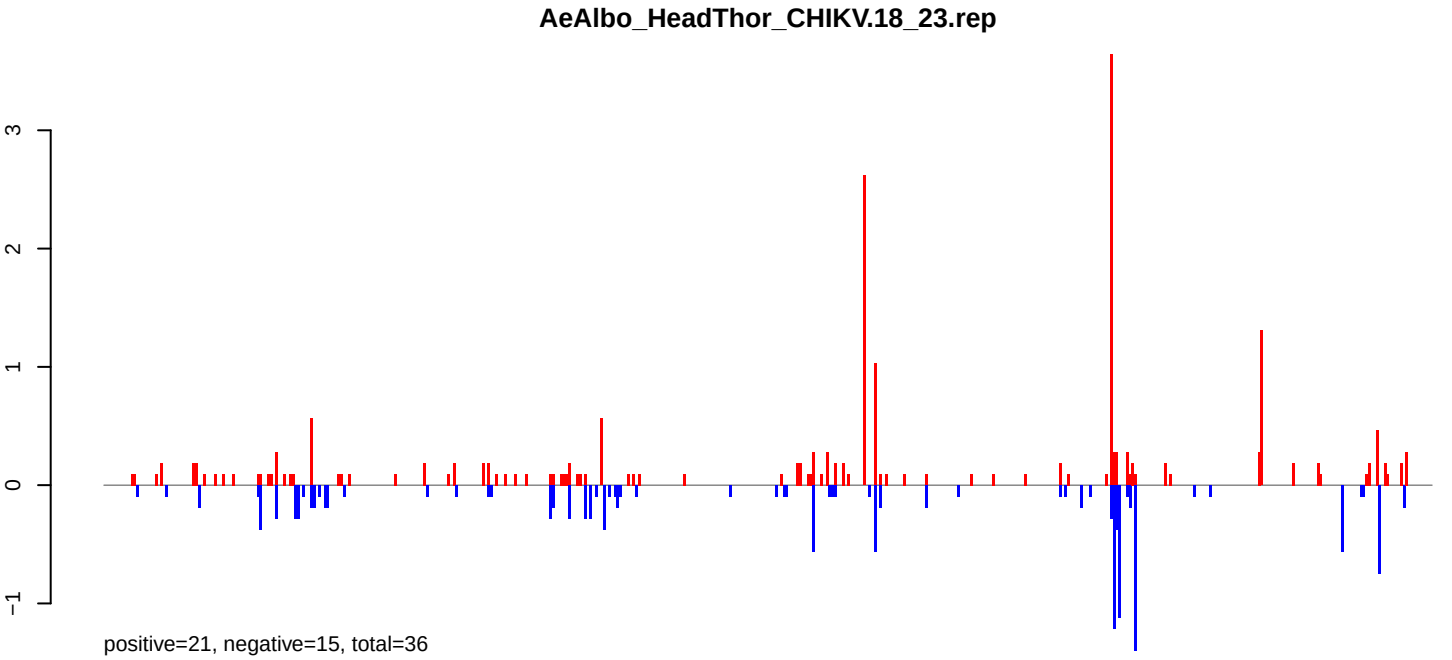

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
positive=57, negative=164, total=221
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
positive=17, negative=28, total=46
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
positive=75, negative=192, total=267
Window size=25, length=8101, TE@ltr−1_family−3714@LINE_Penelope:1−8101
0
2000
4000
6000
8000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
50
positive=87, negative=33, total=120

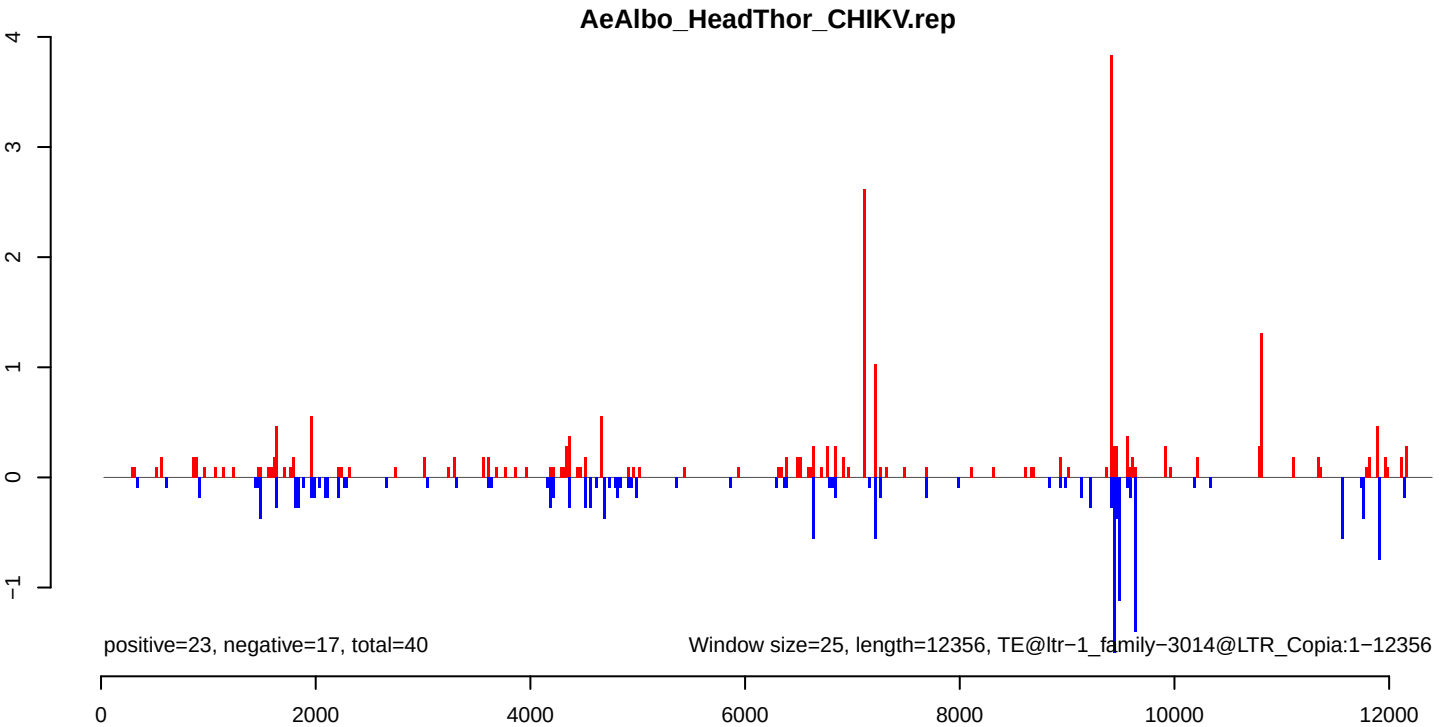

AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
50
positive=16, negative=5, total=21

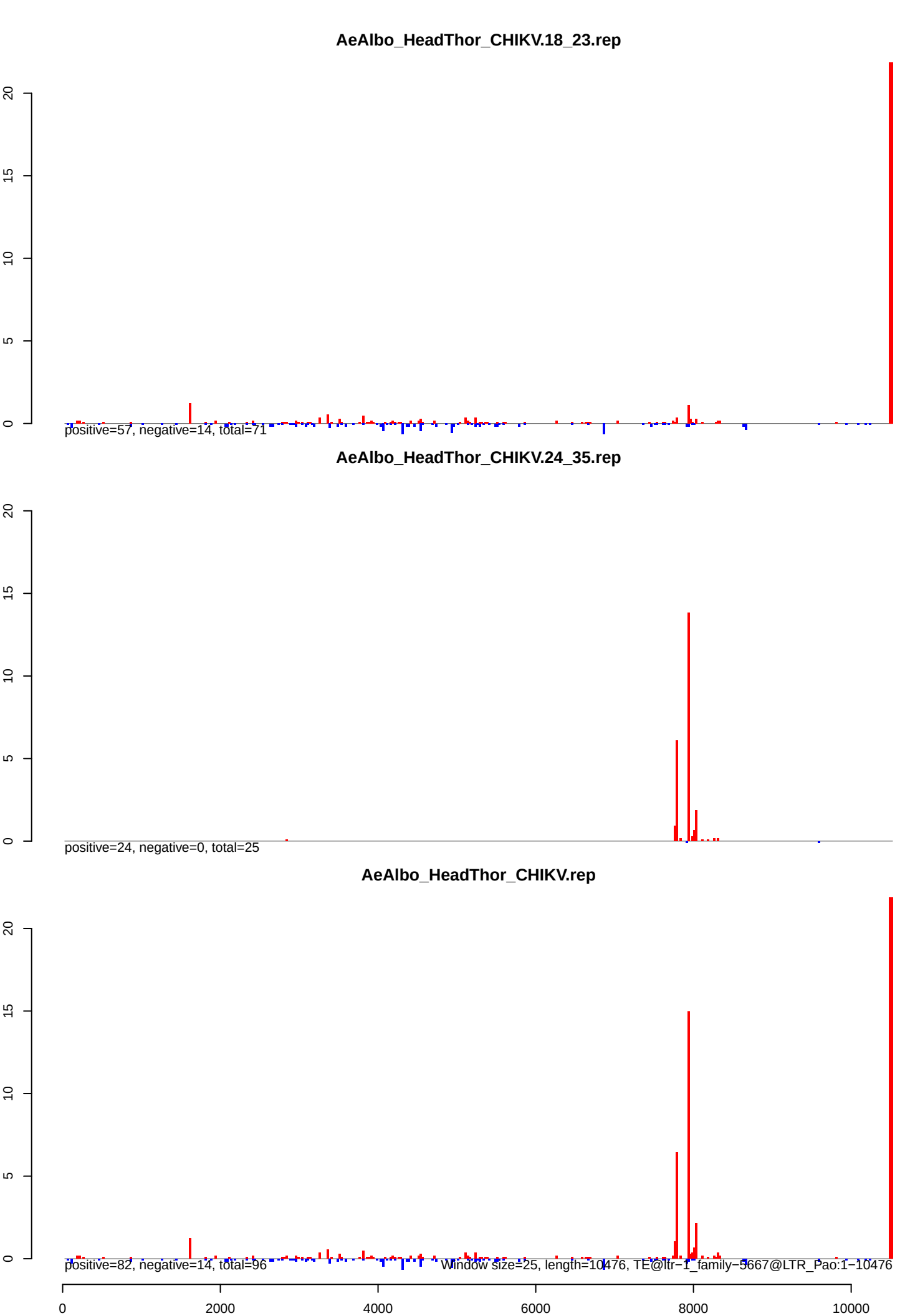

AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
50
positive=103, negative=38, total=141
Window size=25, length=9532, TE@ltr−1_family−5993@Unknown:1−9532
0
2000
4000
6000
8000

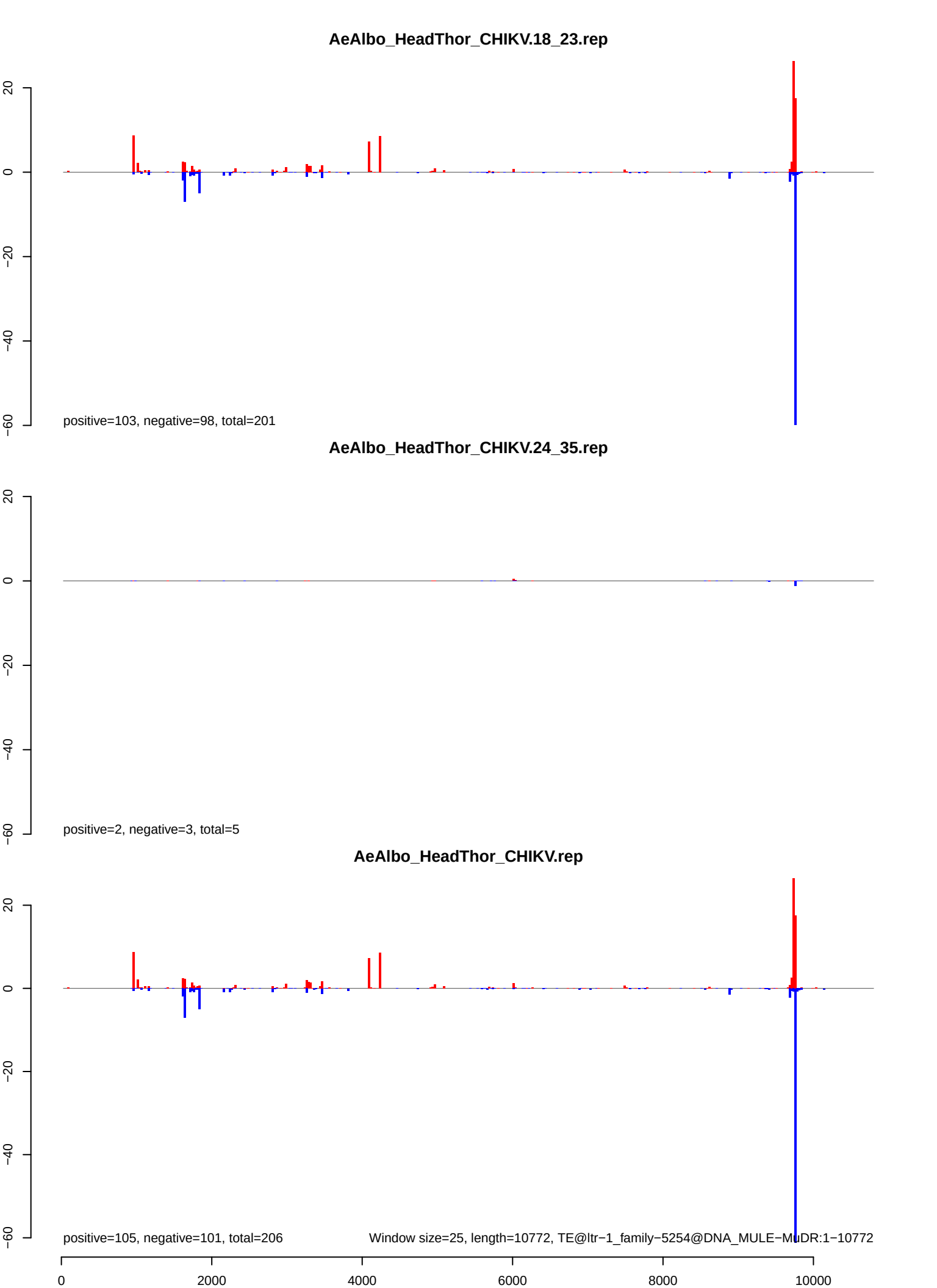

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
positive=19, negative=30, total=50
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
positive=9, negative=151, total=160
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
positive=28, negative=181, total=209
Window size=25, length=12765, TE@ltr−1_family−4169@LTR_Pao:1−12765
0
2000
4000
6000
8000
10000
12000

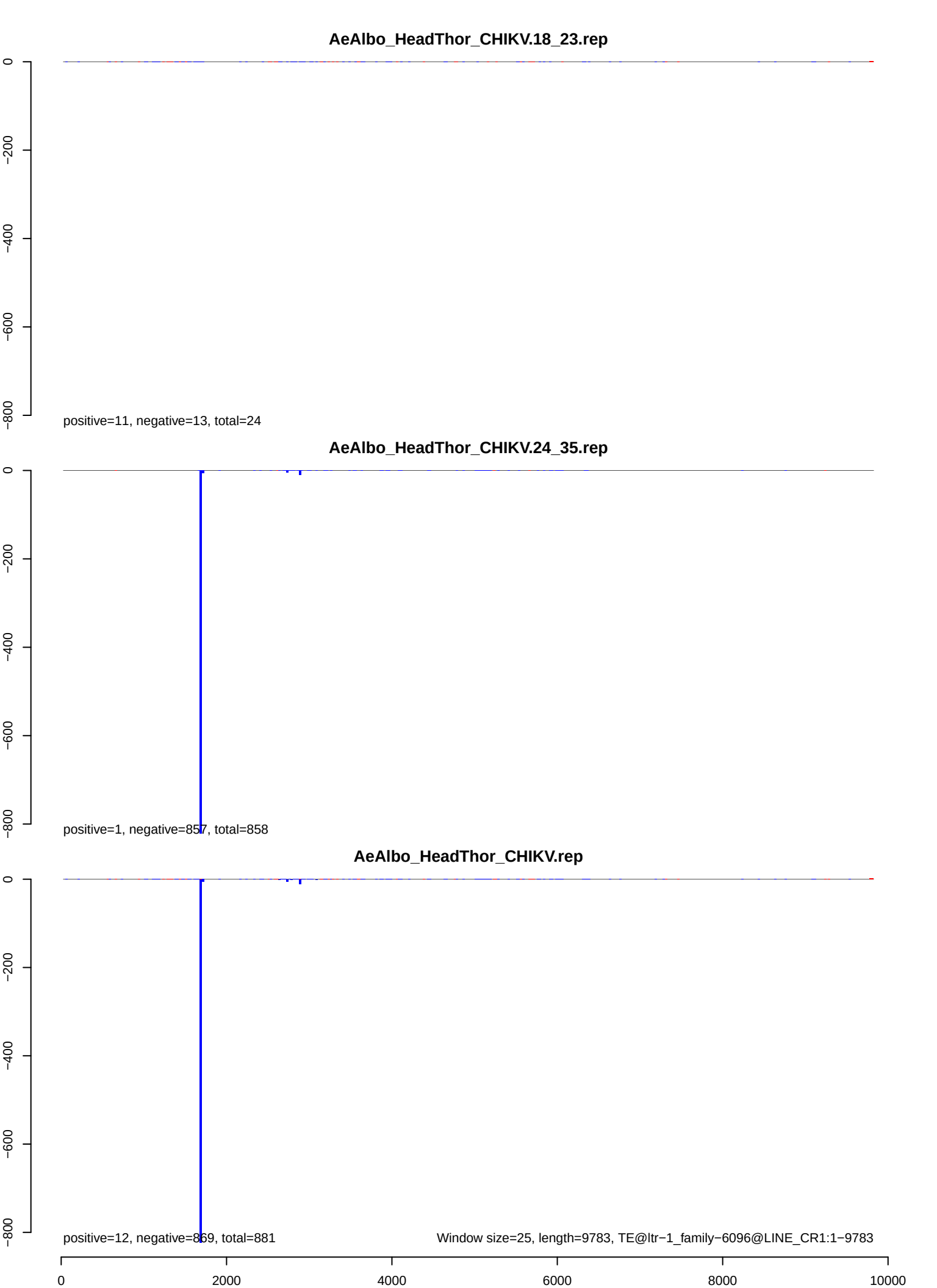

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
positive=21, negative=15, total=36

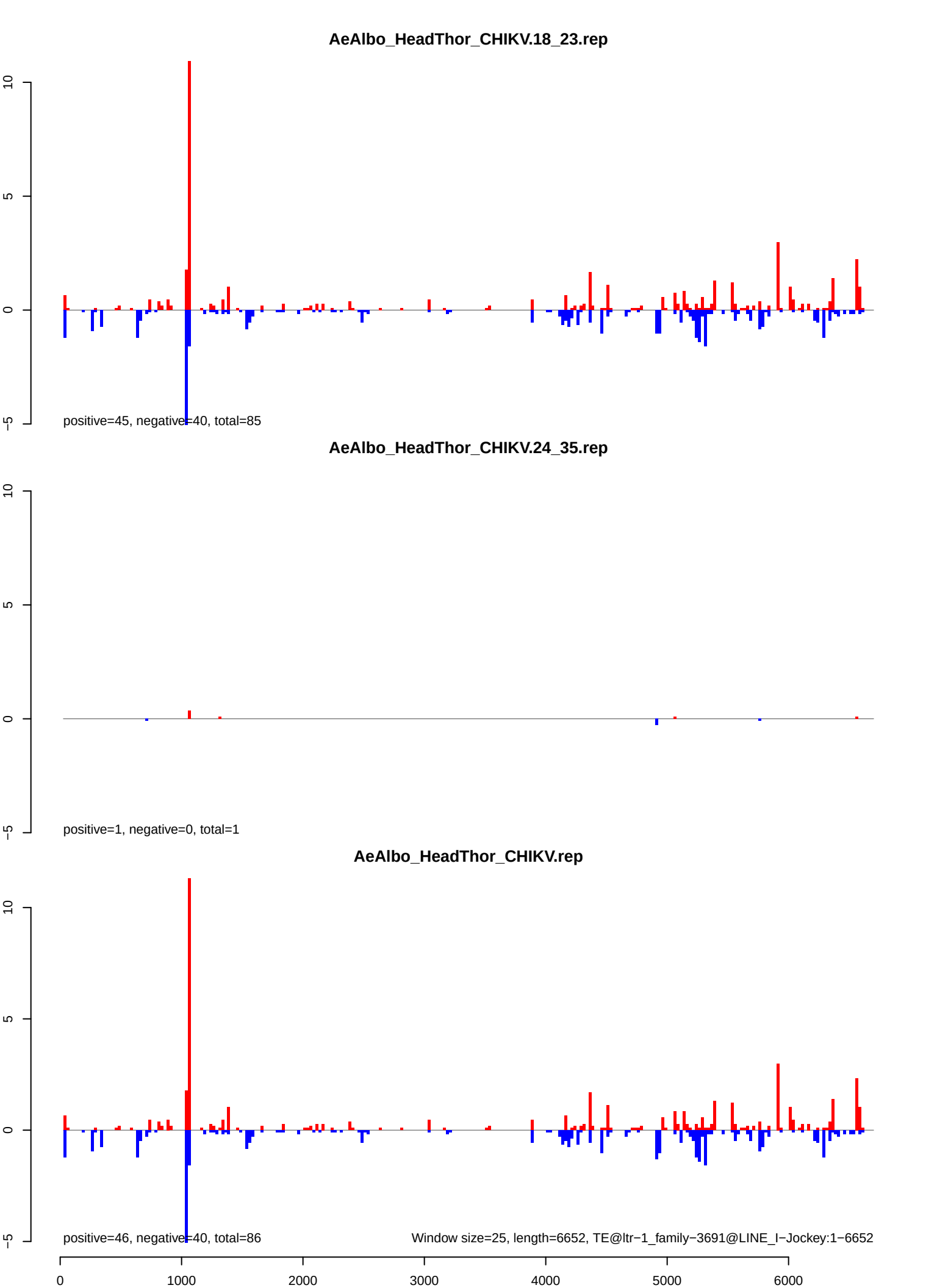
AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
positive=2, negative=2, total=4

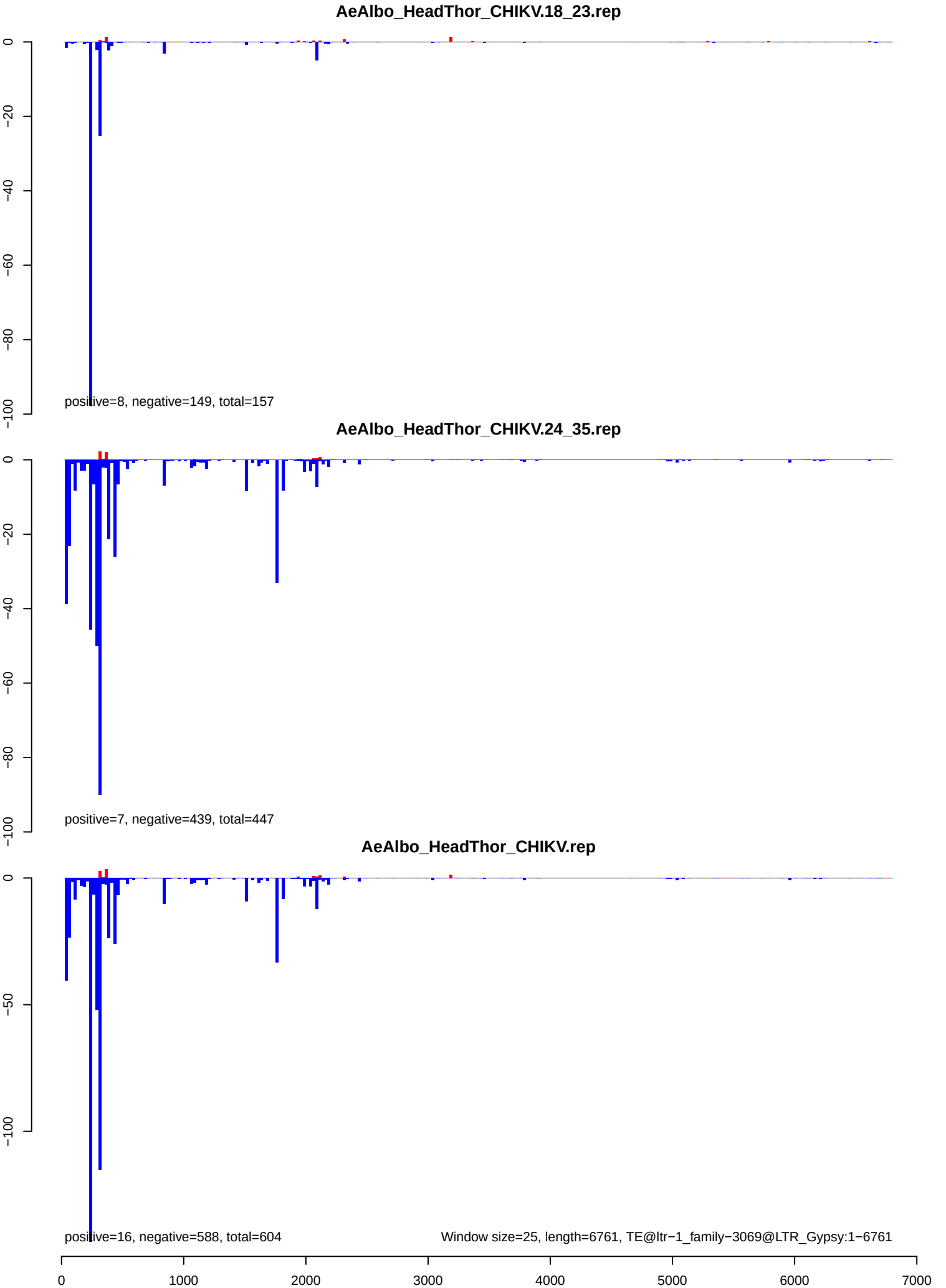

AeAlbo_HeadThor_CHIKV.rep
4
3
2
1
0
−1
positive=23, negative=17, total=40
Window size=25, length=12356, TE@ltr−1_family−3014@LTR_Copia:1−12356
0
2000
4000
6000
8000
10000
12000

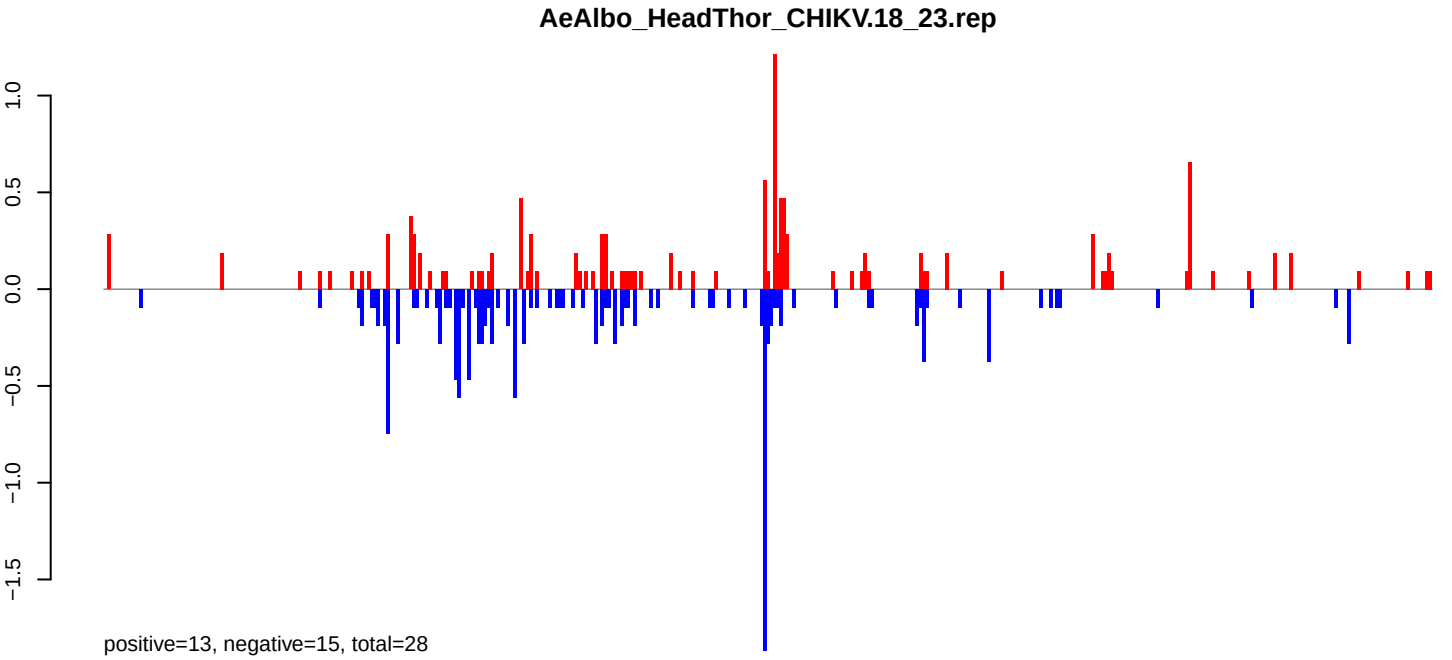

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=57, negative=14, total=71
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=24, negative=0, total=25
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=82, negative=14, total=96
Window size=25, length=10476, TE@ltr−1_family−5667@LTR_Pao:1−10476
0
2000
4000
6000
8000
10000

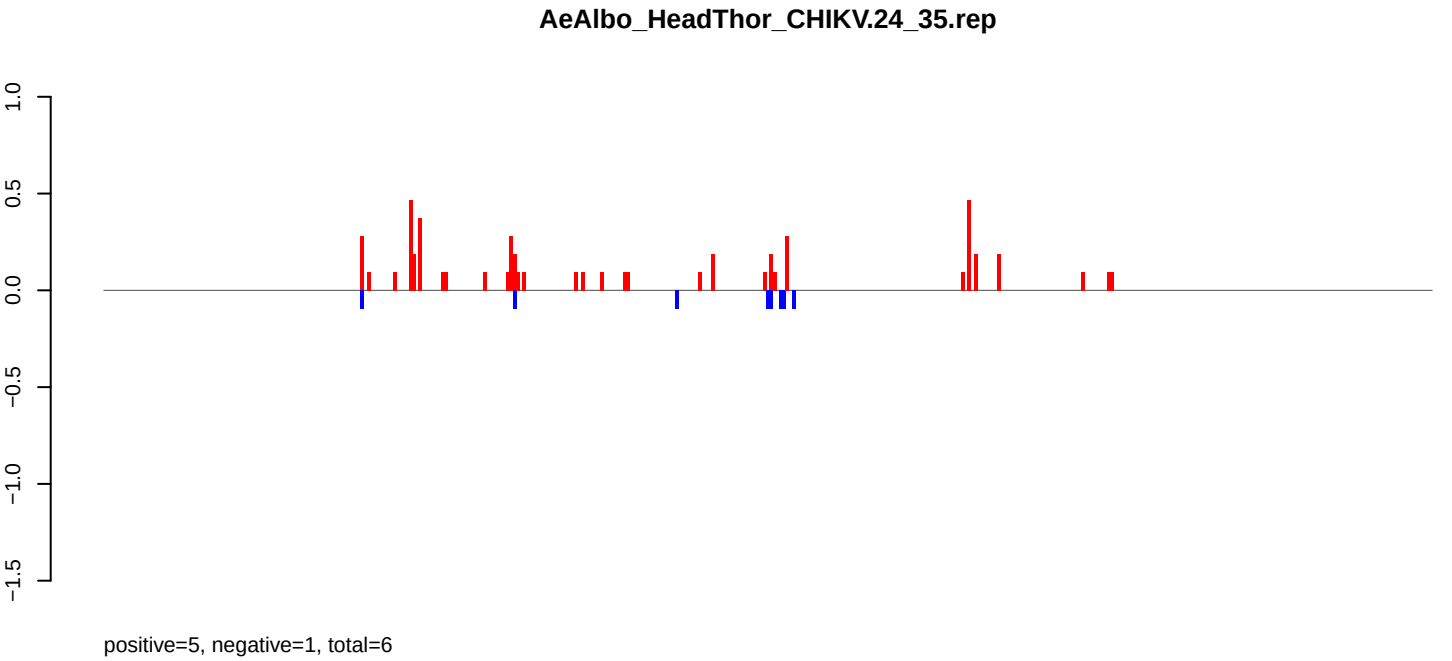

AeAlbo_HeadThor_CHIKV.18_23.rep
20
0
−20
−40
−60
positive=103, negative=98, total=201
AeAlbo_HeadThor_CHIKV.24_35.rep
20
0
−20
−40
−60
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.rep
20
0
−20
−40
−60
positive=105, negative=101, total=206
Window size=25, length=10772, TE@ltr−1_family−5254@DNA_MULE−MuDR:1−10772
0
2000
4000
6000
8000
10000

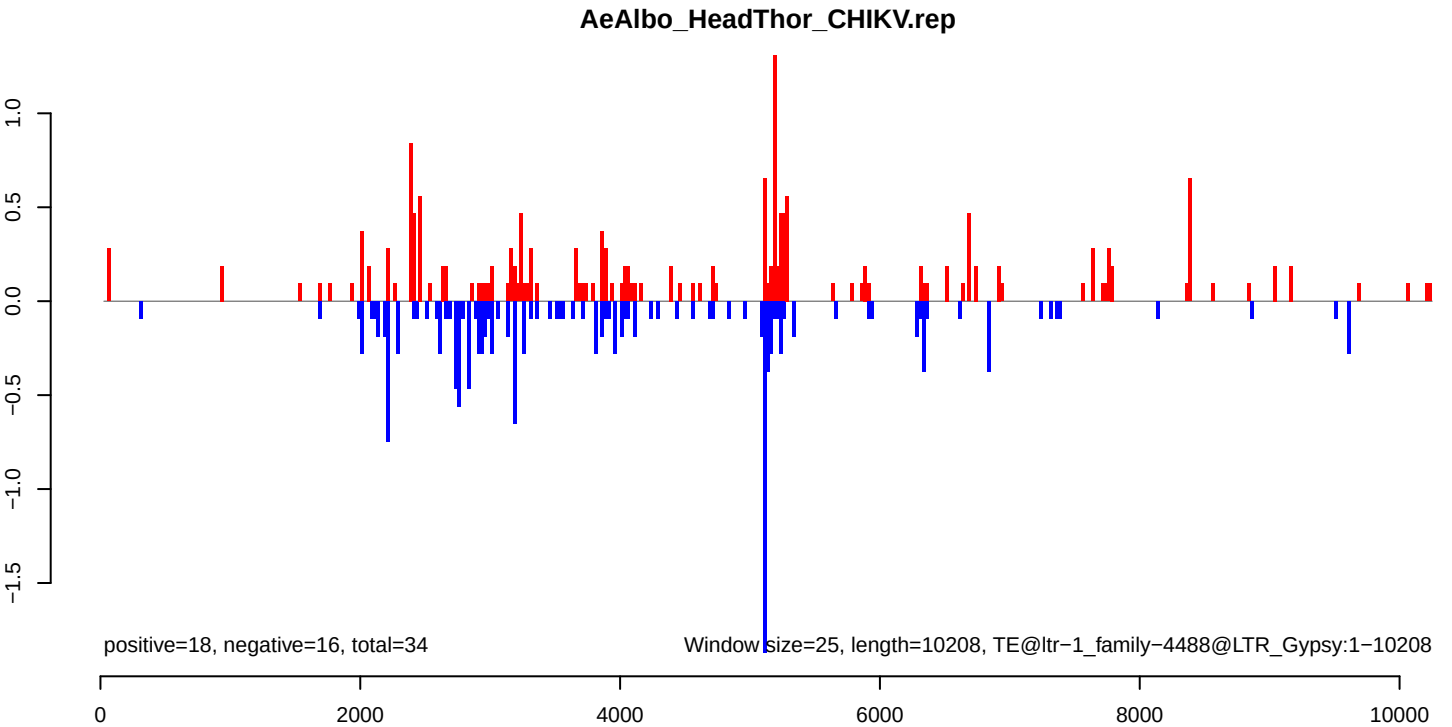

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−200
−400
−600
−800
positive=11, negative=13, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−200
−400
−600
−800
positive=1, negative=857, total=858
AeAlbo_HeadThor_CHIKV.rep
0
−200
−400
−600
−800
positive=12, negative=869, total=881
Window size=25, length=9783, TE@ltr−1_family−6096@LINE_CR1:1−9783
0
2000
4000
6000
8000
10000

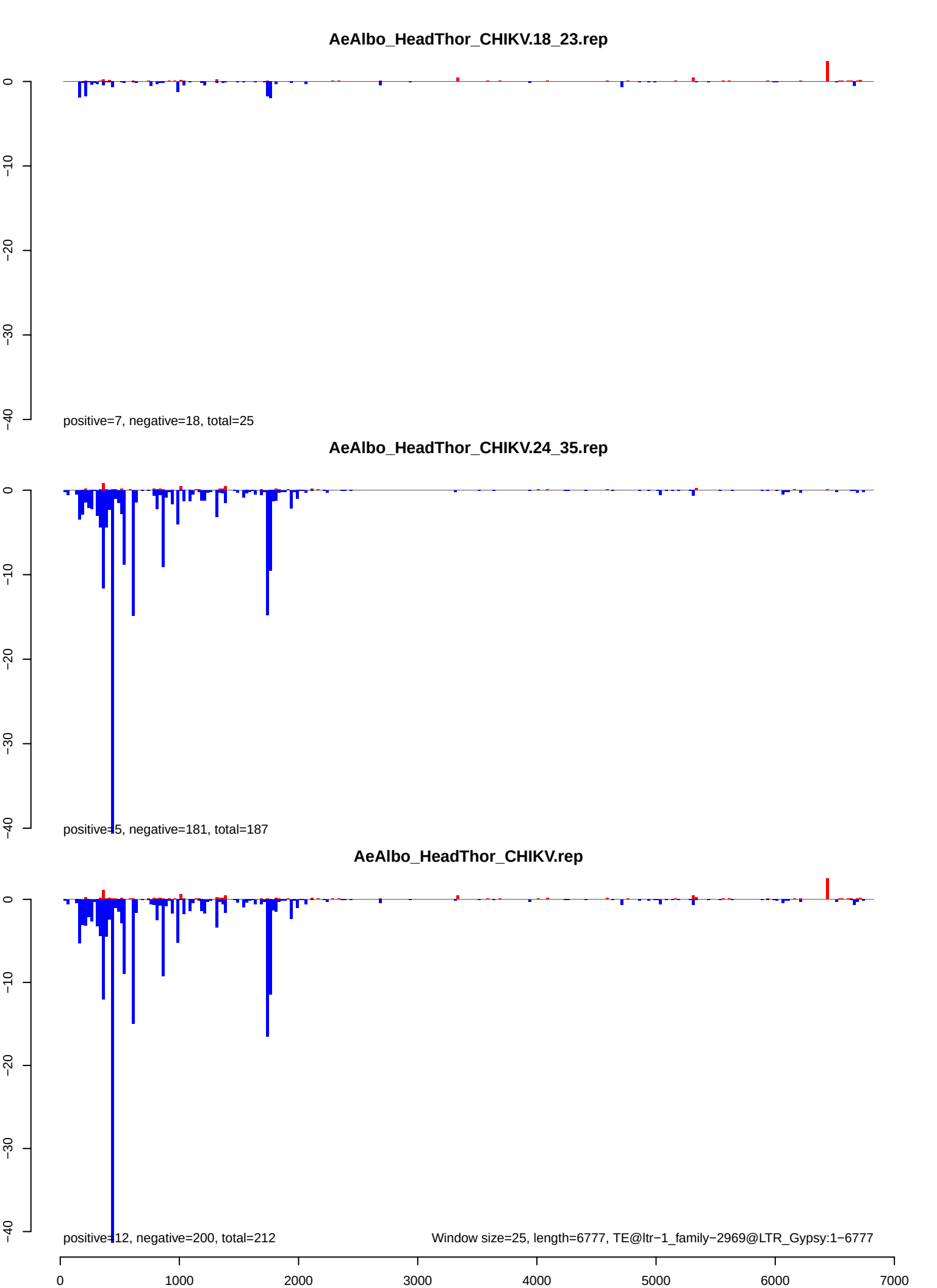

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=45, negative=40, total=85
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=46, negative=40, total=86
Window size=25, length=6652, TE@ltr−1_family−3691@LINE_I−Jockey:1−6652
0
1000
2000
3000
4000
5000
6000

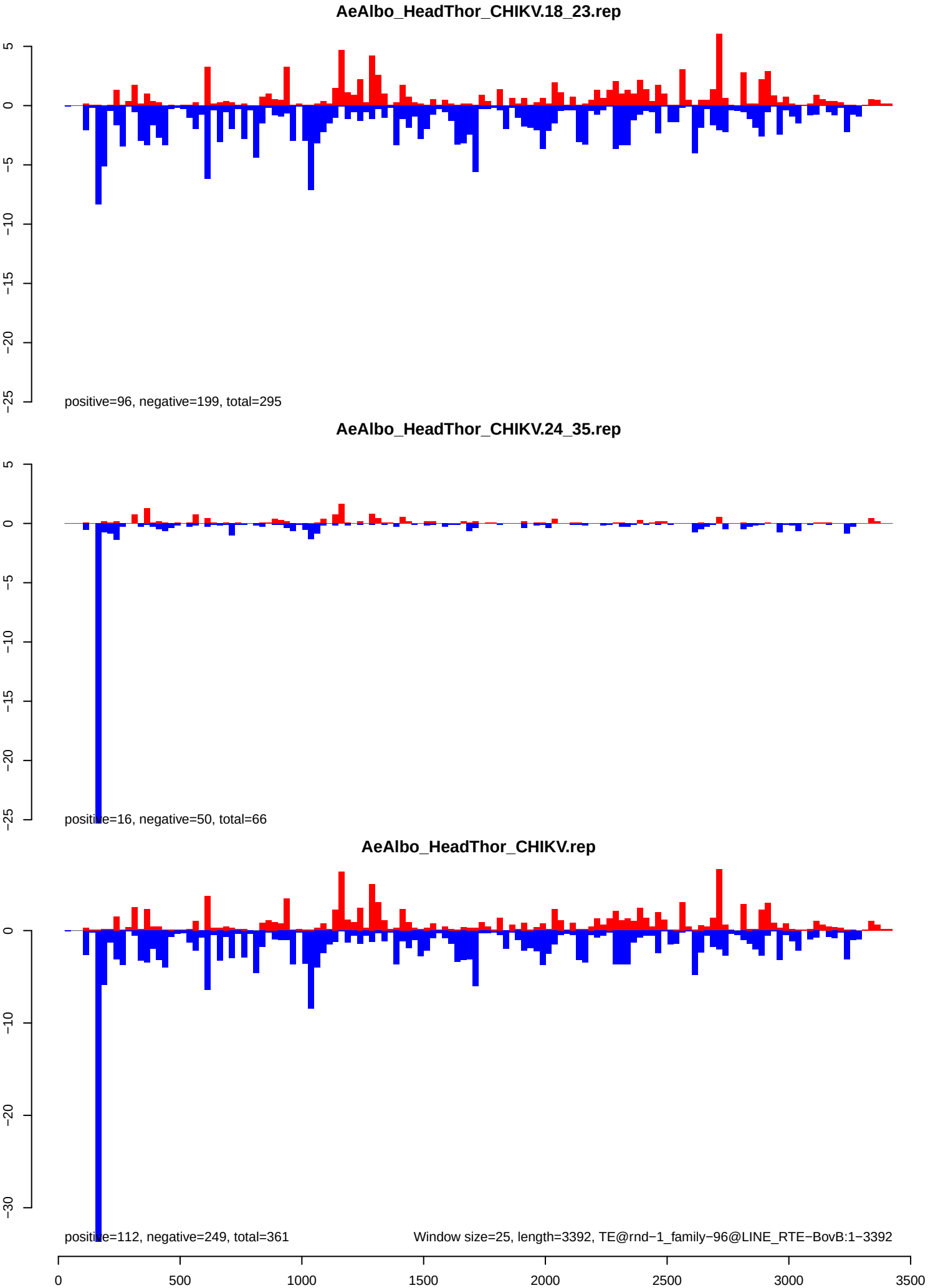

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=8, negative=149, total=157
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=7, negative=439, total=447
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
positive=16, negative=588, total=604
Window size=25, length=6761, TE@ltr−1_family−3069@LTR_Gypsy:1−6761
0
1000
2000
3000
4000
5000
6000
7000

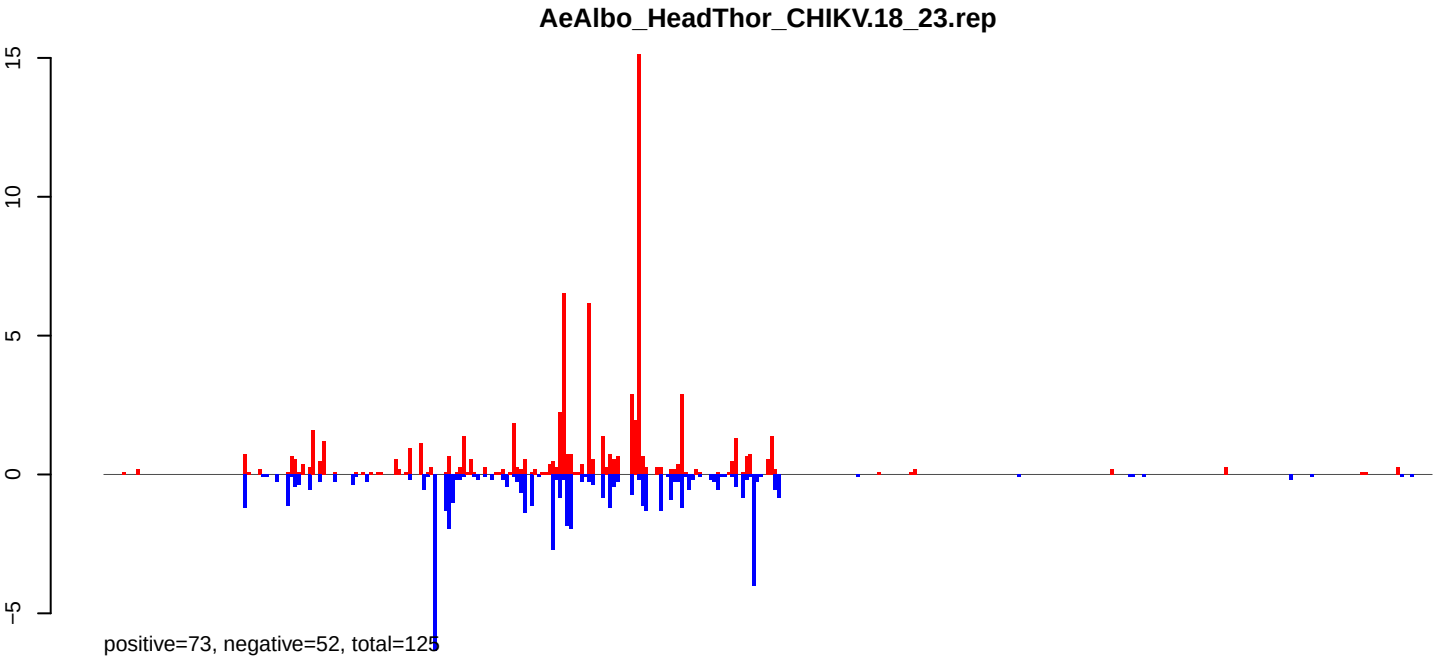

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=13, negative=15, total=28

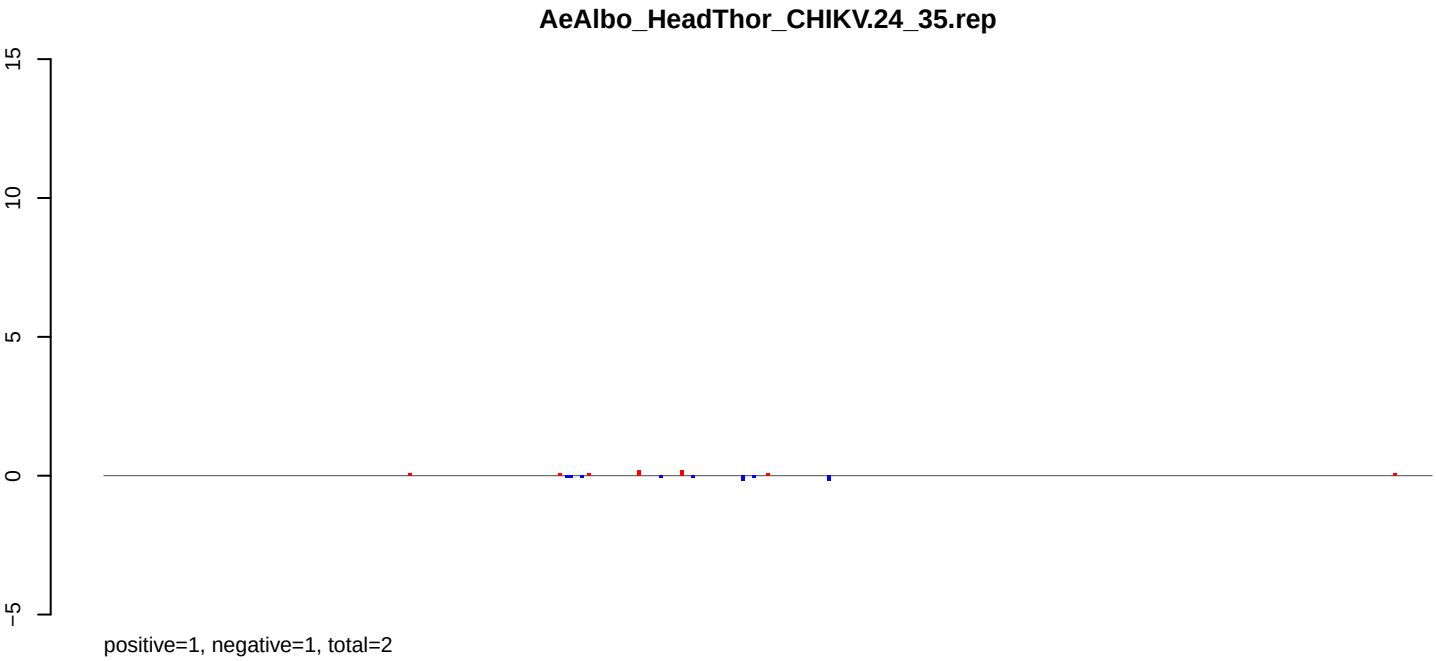

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=5, negative=1, total=6

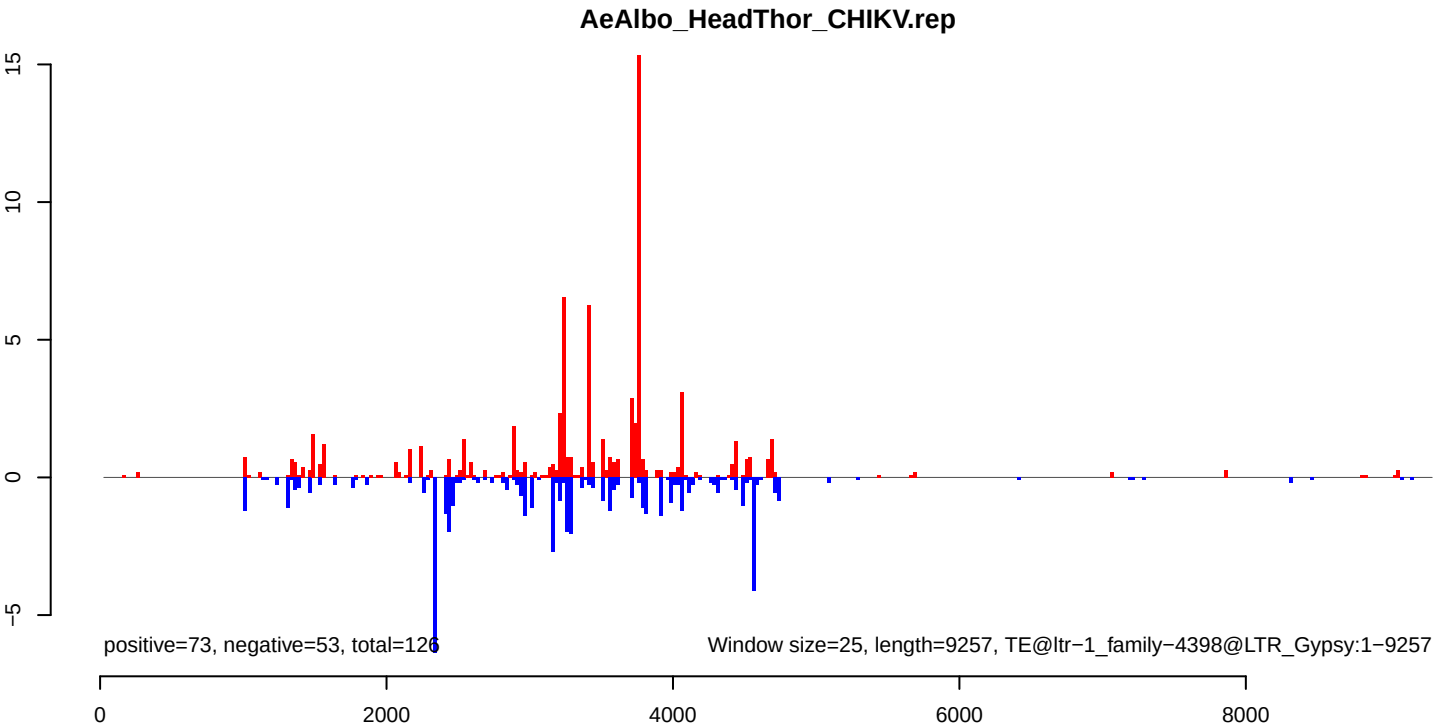

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=18, negative=16, total=34
Window size=25, length=10208, TE@ltr−1_family−4488@LTR_Gypsy:1−10208
0
2000
4000
6000
8000
10000

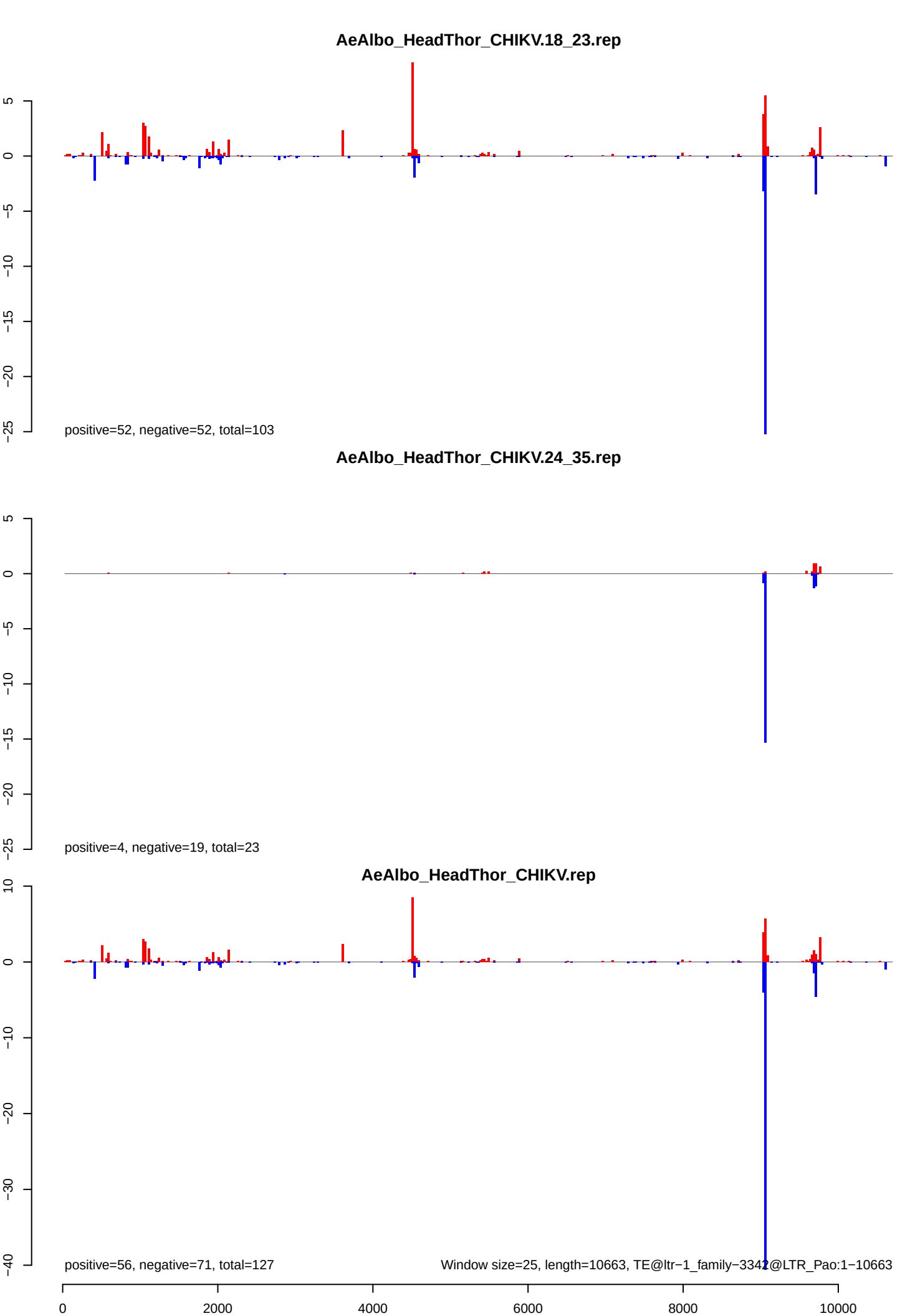

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=7, negative=18, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=5, negative=181, total=187
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=12, negative=200, total=212
Window size=25, length=6777, TE@ltr−1_family−2969@LTR_Gypsy:1−6777
0
1000
2000
3000
4000
5000
6000
7000

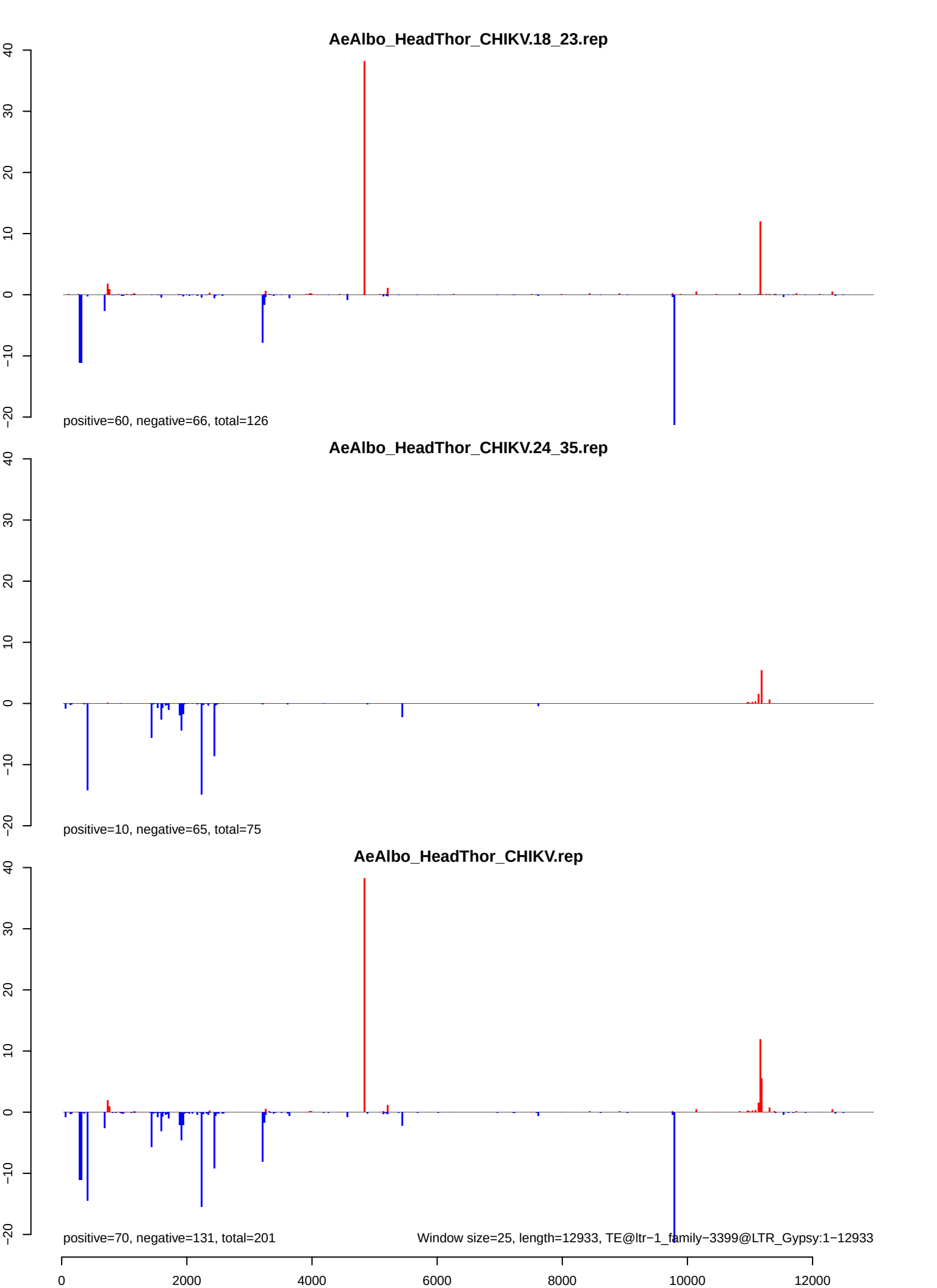

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=96, negative=199, total=295
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=16, negative=50, total=66
AeAlbo_HeadThor_CHIKV.rep
positive=112, negative=249, total=361
Window size=25, length=3392, TE@rnd−1_family−96@LINE_RTE−BovB:1−3392
0
500
1000
1500
2000
2500
3000
3500

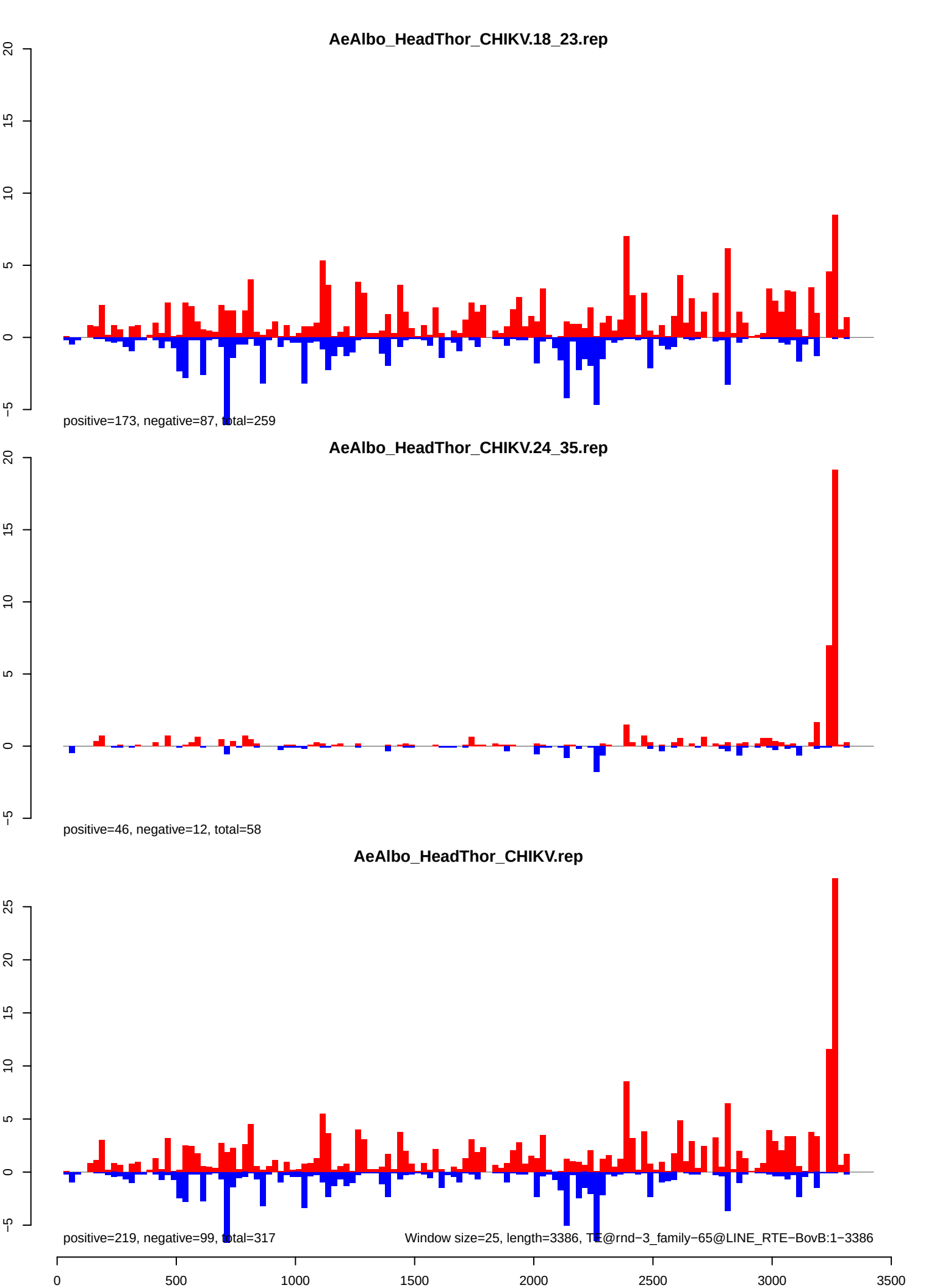

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
positive=73, negative=52, total=125

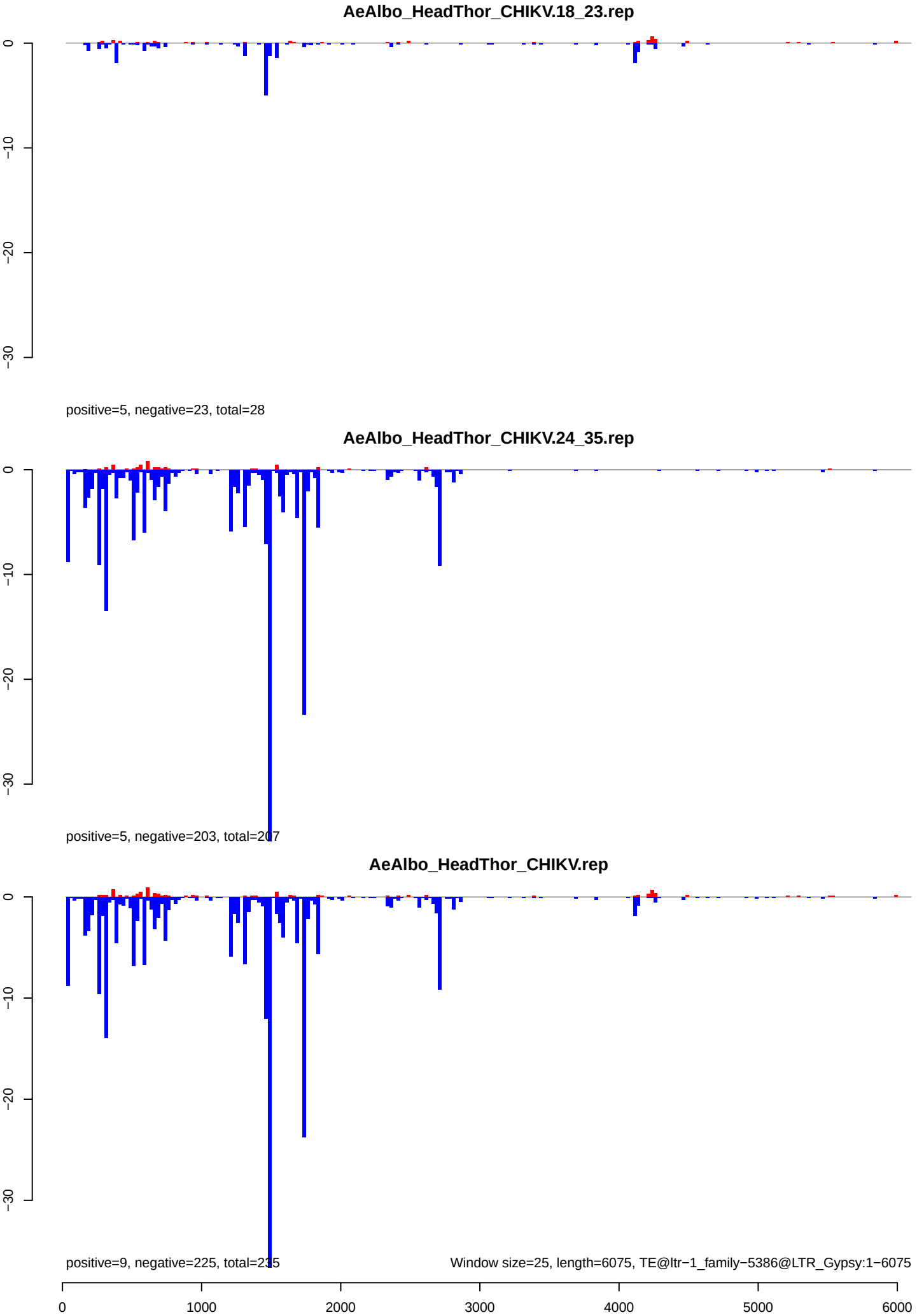

AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
positive=1, negative=1, total=2

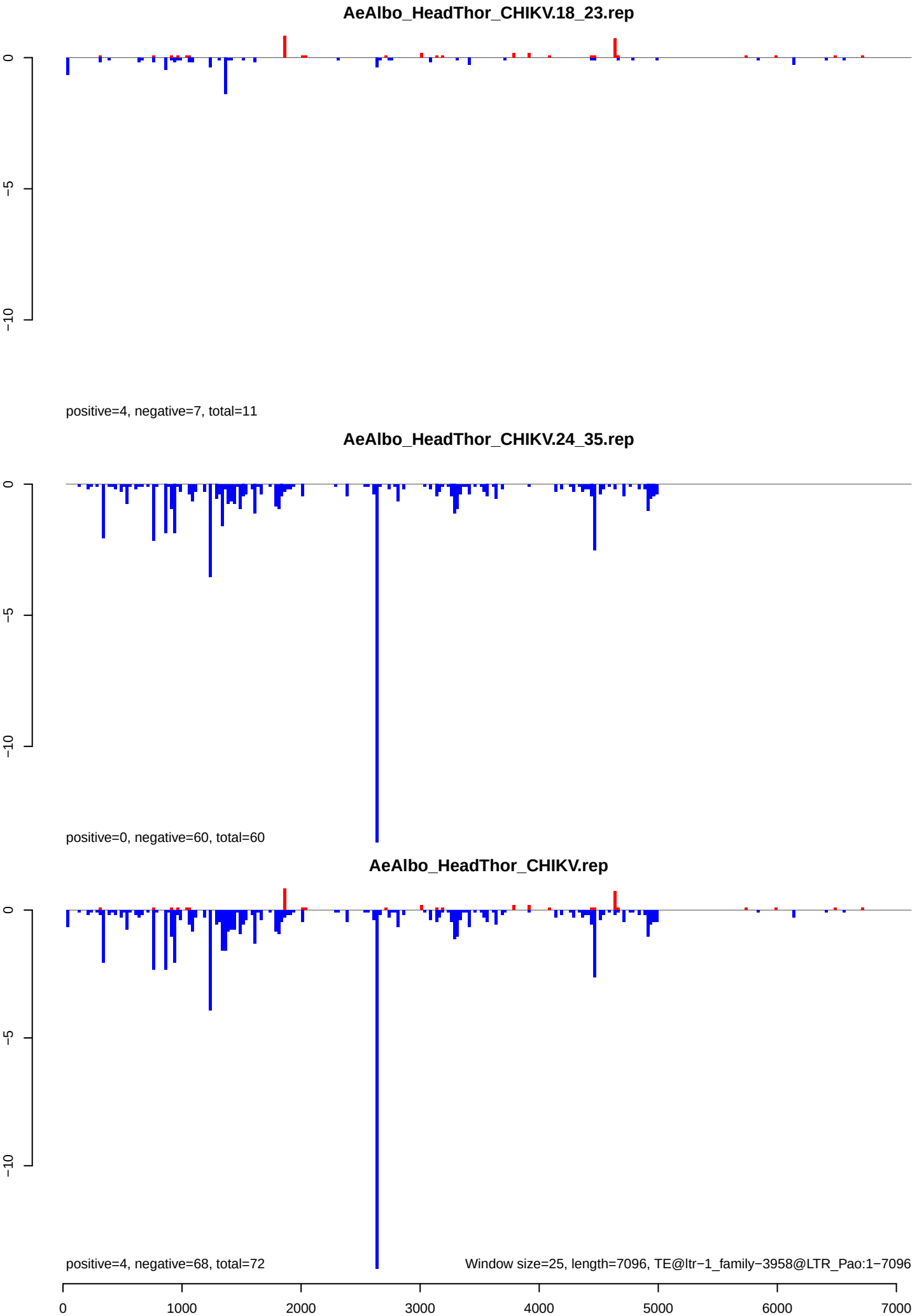

AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
positive=73, negative=53, total=126
Window size=25, length=9257, TE@ltr−1_family−4398@LTR_Gypsy:1−9257
0
2000
4000
6000
8000

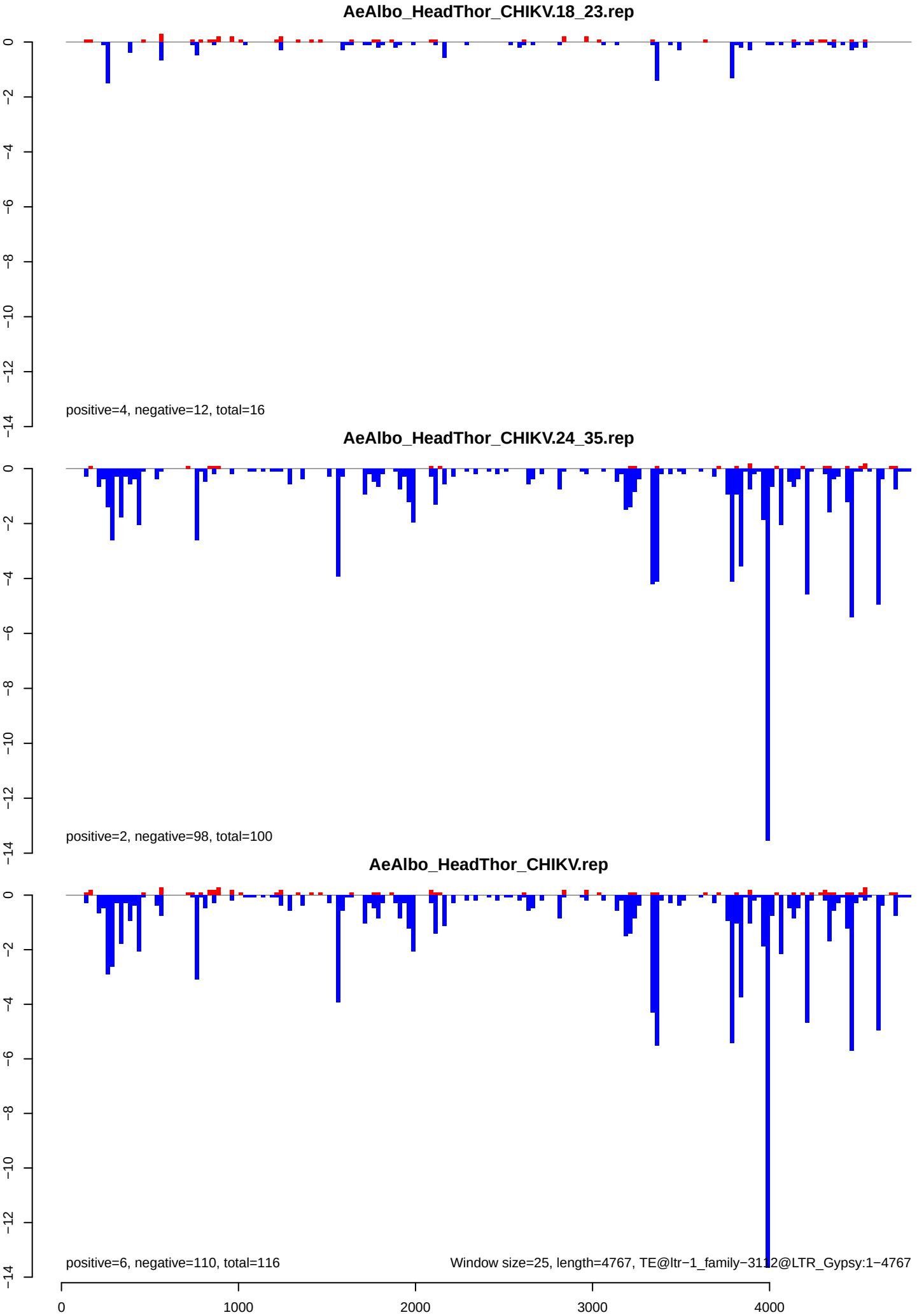

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=52, negative=52, total=103
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=19, total=23
AeAlbo_HeadThor_CHIKV.rep
positive=56, negative=71, total=127
Window size=25, length=10663, TE@ltr−1_family−3342@LTR_Pao:1−10663
0
2000
4000
6000
8000
10000

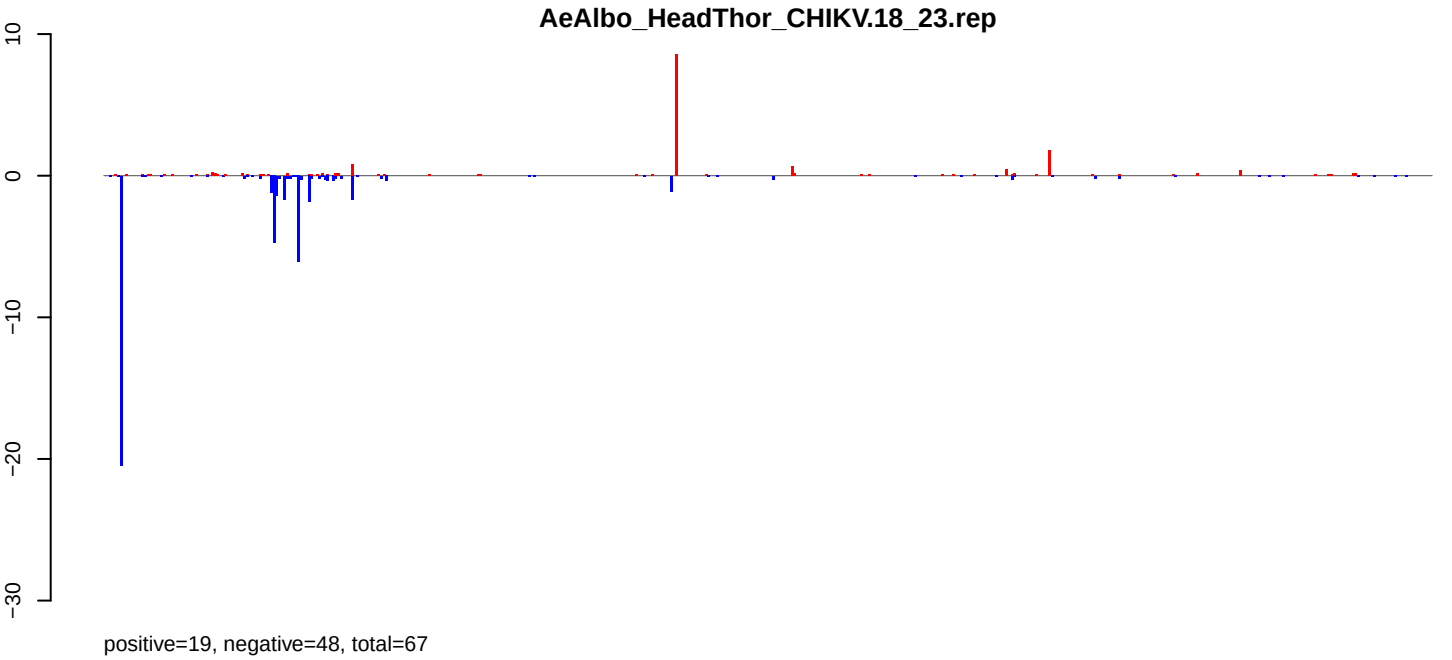

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=60, negative=66, total=126
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=10, negative=65, total=75
AeAlbo_HeadThor_CHIKV.rep
positive=70, negative=131, total=201
Window size=25, length=12933, TE@ltr−1_family−3399@LTR_Gypsy:1−12933
40
30
20
10
0
−10
−20
0
2000
4000
6000
8000
10000
12000

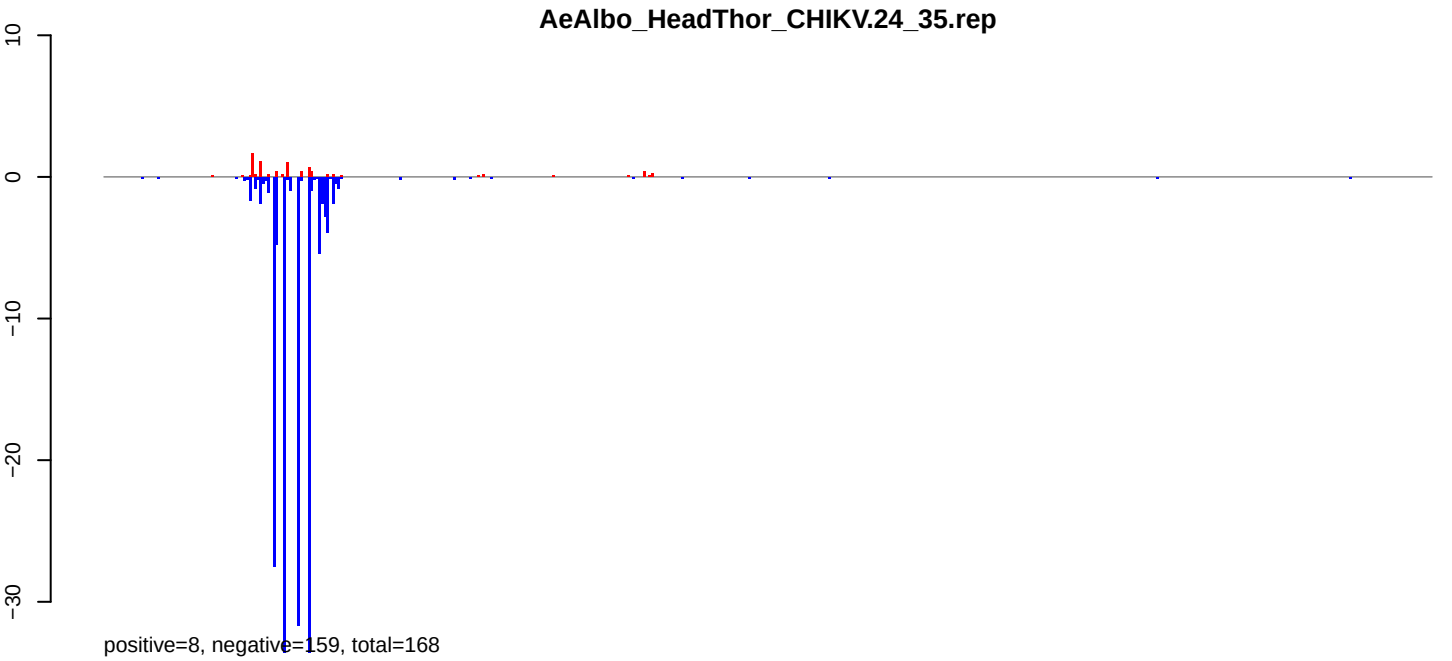

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=173, negative=87, total=259
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=46, negative=12, total=58
AeAlbo_HeadThor_CHIKV.rep
positive=219, negative=99, total=317
Window size=25, length=3386, TE@rnd−3_family−65@LINE_RTE−BovB:1−3386
0
500
1000
1500
2000
2500
3000
3500

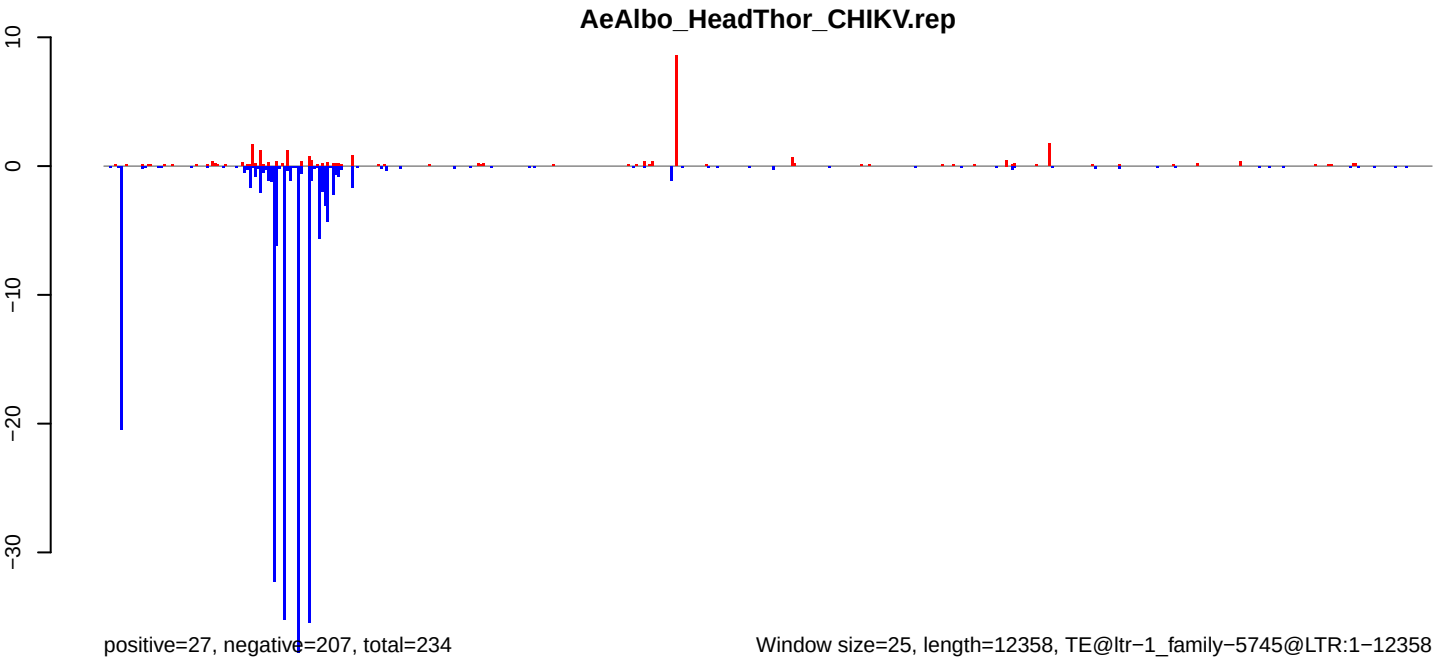

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
positive=5, negative=23, total=28
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
positive=5, negative=203, total=207
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
positive=9, negative=225, total=235
Window size=25, length=6075, TE@ltr−1_family−5386@LTR_Gypsy:1−6075
0
1000
2000
3000
4000
5000
6000

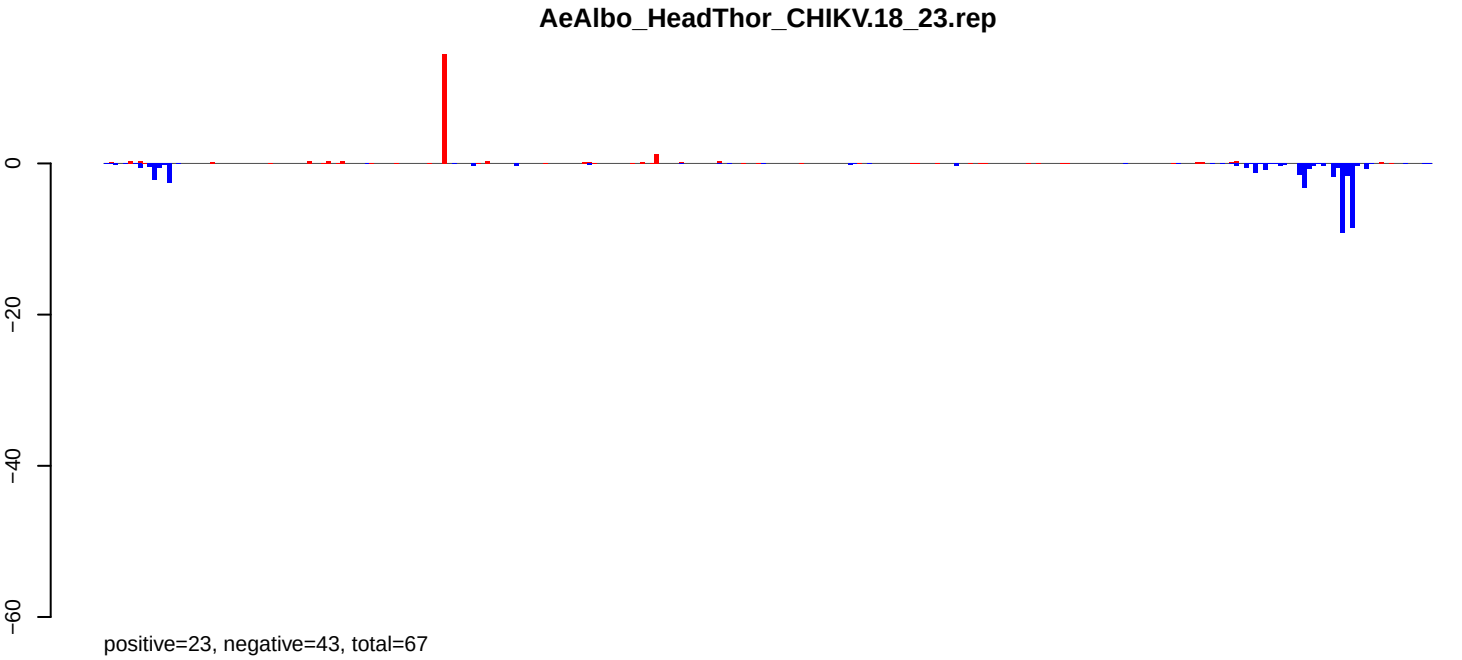

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=4, negative=7, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=0, negative=60, total=60
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
positive=4, negative=68, total=72
Window size=25, length=7096, TE@ltr−1_family−3958@LTR_Pao:1−7096
0
1000
2000
3000
4000
5000
6000
7000

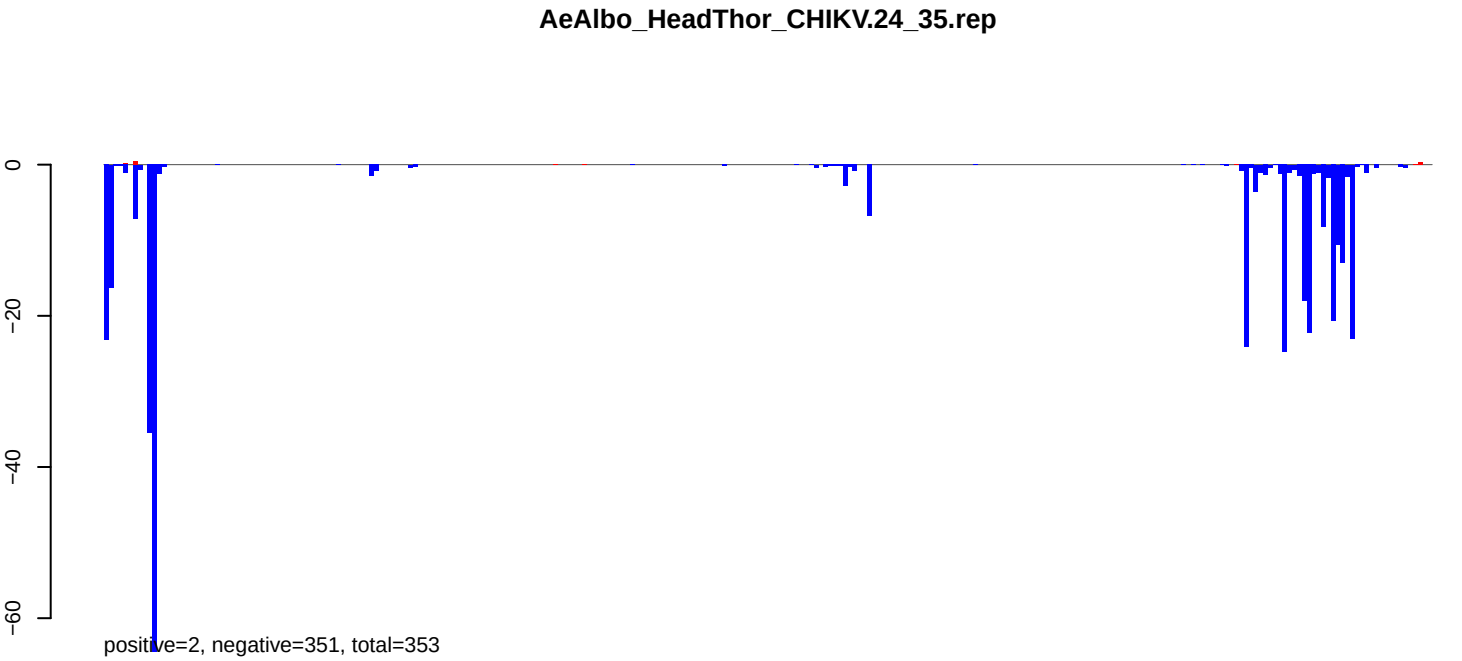

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=12, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=98, total=100
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=110, total=116
Window size=25, length=4767, TE@ltr−1_family−3112@LTR_Gypsy:1−4767
0
−2
−4
−6
−8
−10
−12
−14
0
1000
2000
3000
4000

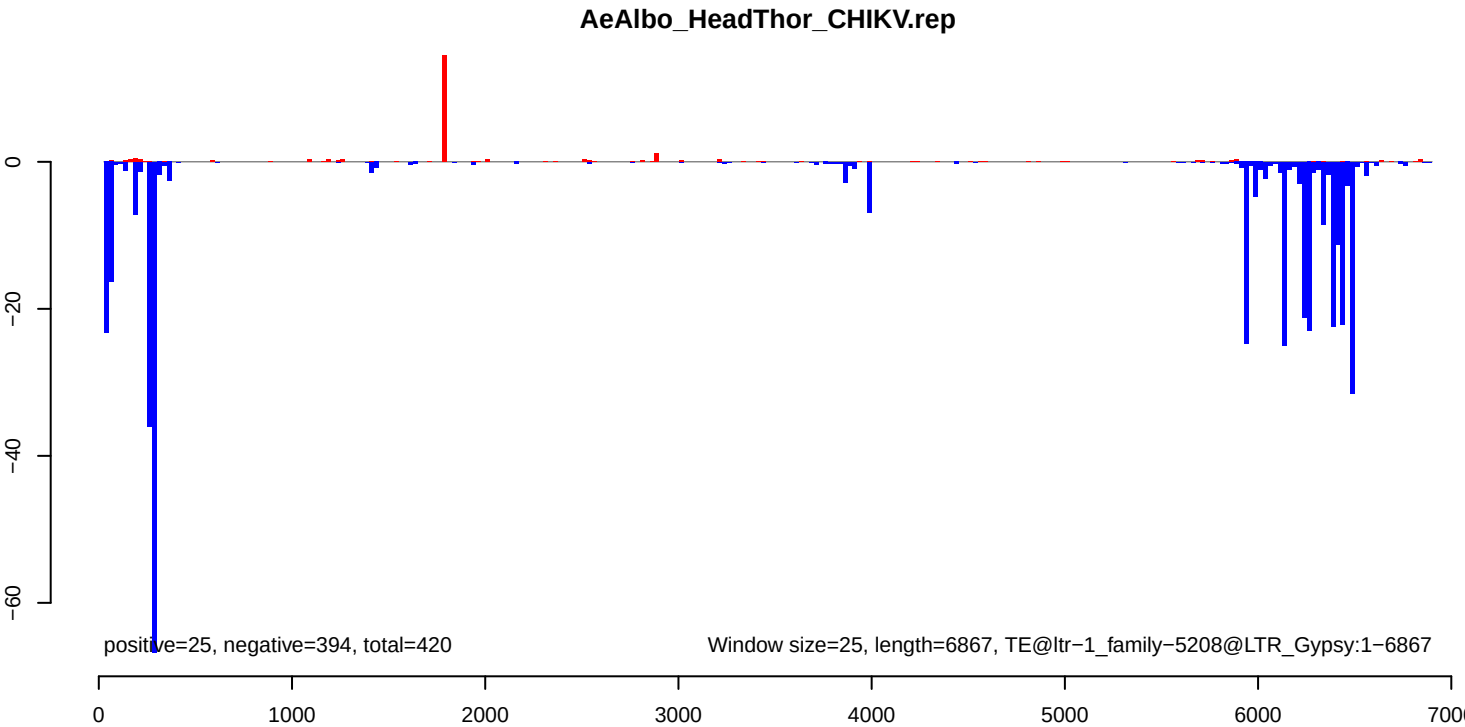

AeAlbo_HeadThor_CHIKV.18_23.rep
10
0
−10
−20
−30
positive=19, negative=48, total=67

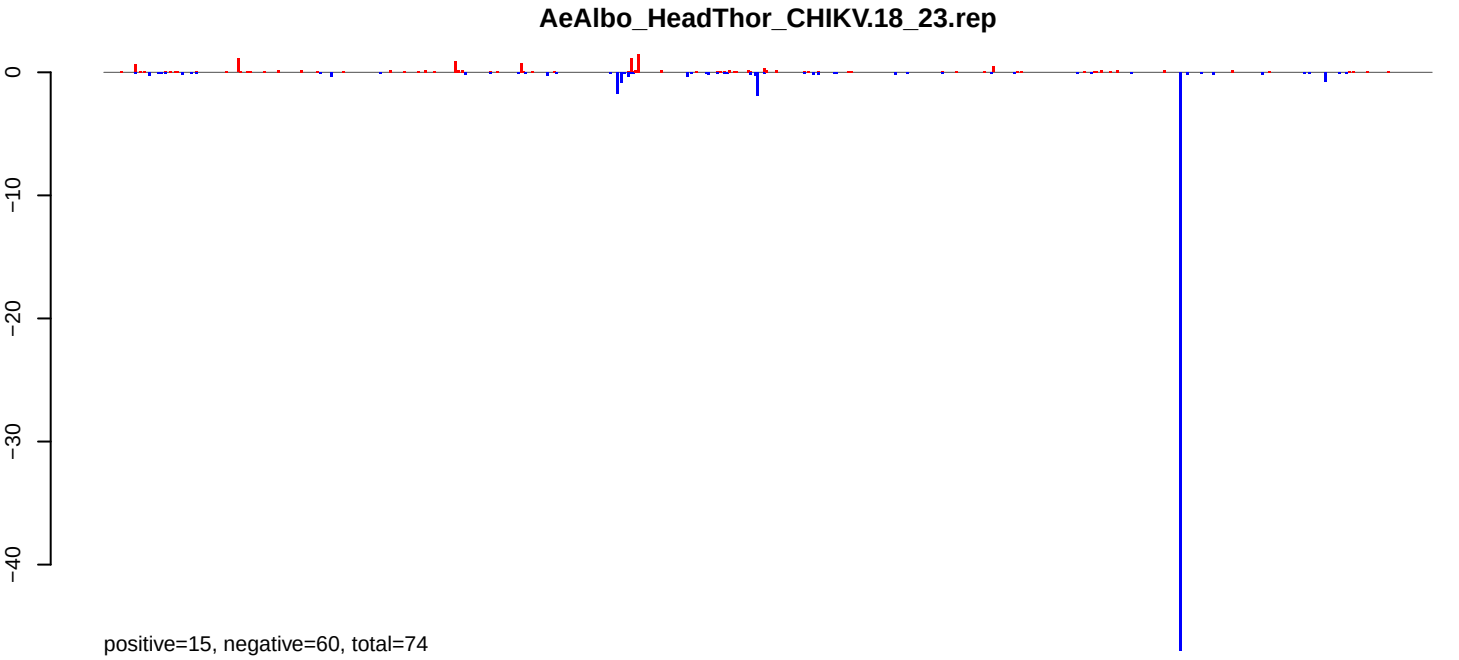

AeAlbo_HeadThor_CHIKV.24_35.rep
10
0
−10
−20
−30
positive=8, negative=159, total=168


AeAlbo_HeadThor_CHIKV.rep
10
0
−10
−20
−30
positive=27, negative=207, total=234
Window size=25, length=12358, TE@ltr−1_family−5745@LTR:1−12358
0
2000
4000
6000
8000
10000
12000

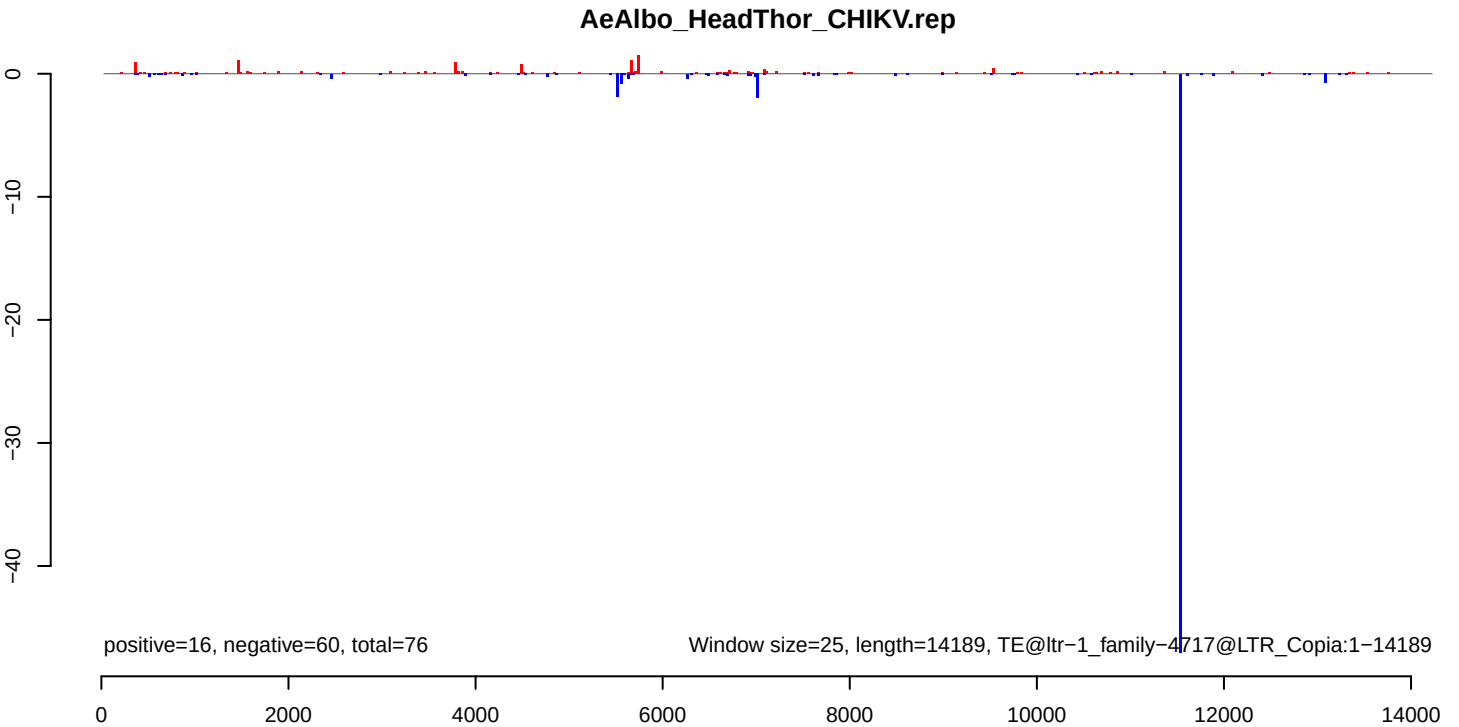

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
positive=23, negative=43, total=67

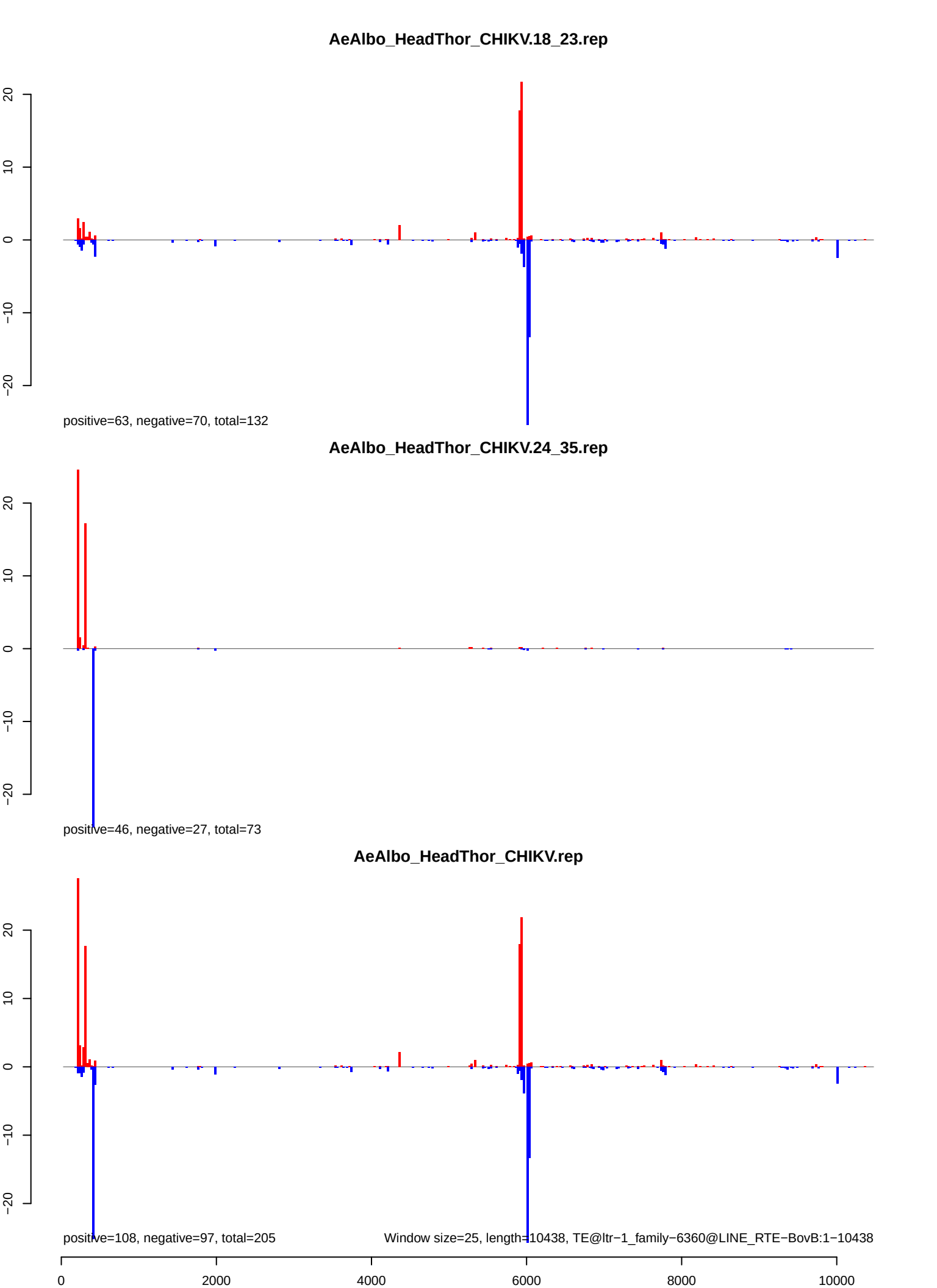

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
positive=2, negative=351, total=353

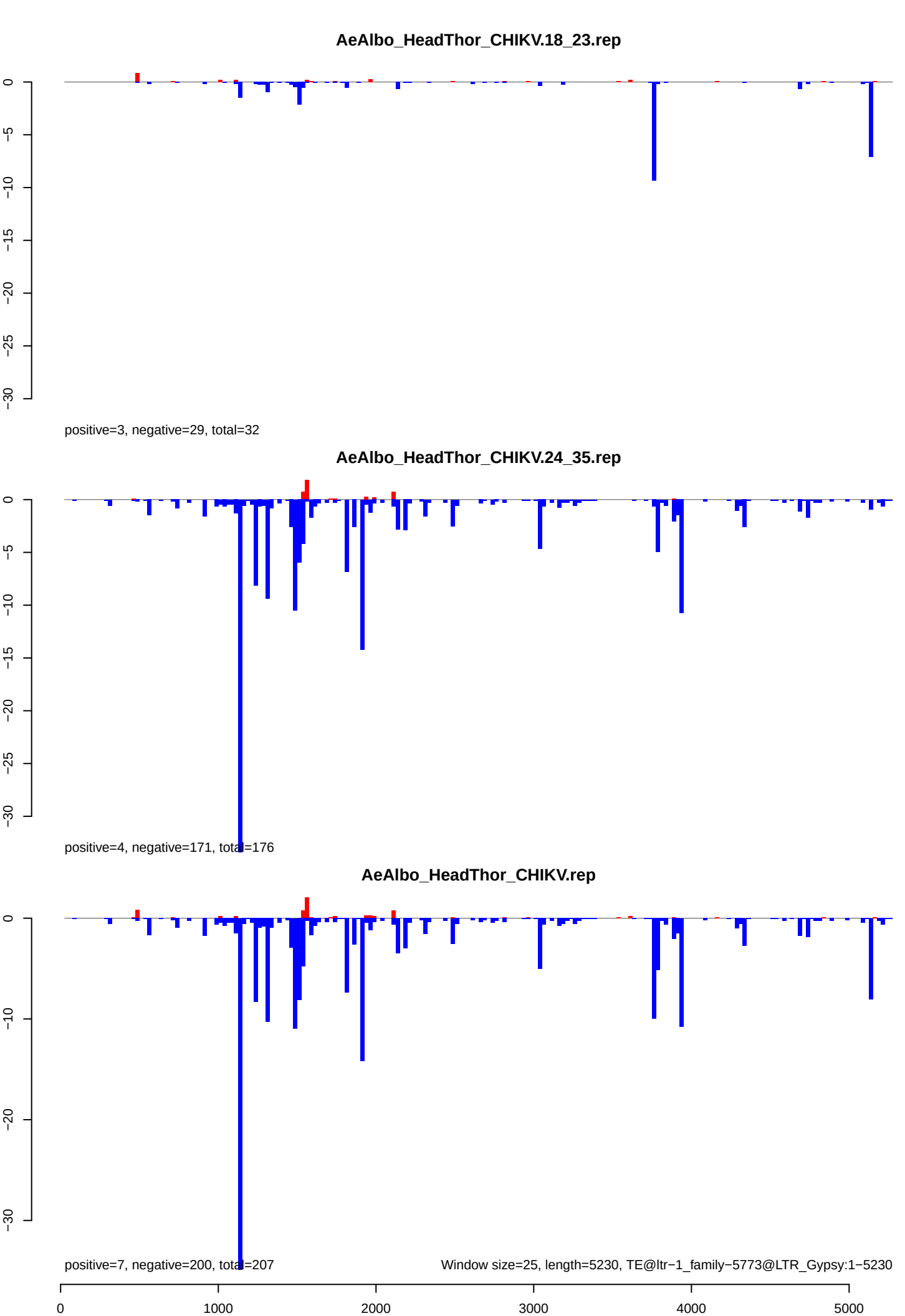

AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
positive=25, negative=394, total=420
Window size=25, length=6867, TE@ltr−1_family−5208@LTR_Gypsy:1−6867
0
1000
2000
3000
4000
5000
6000
7000

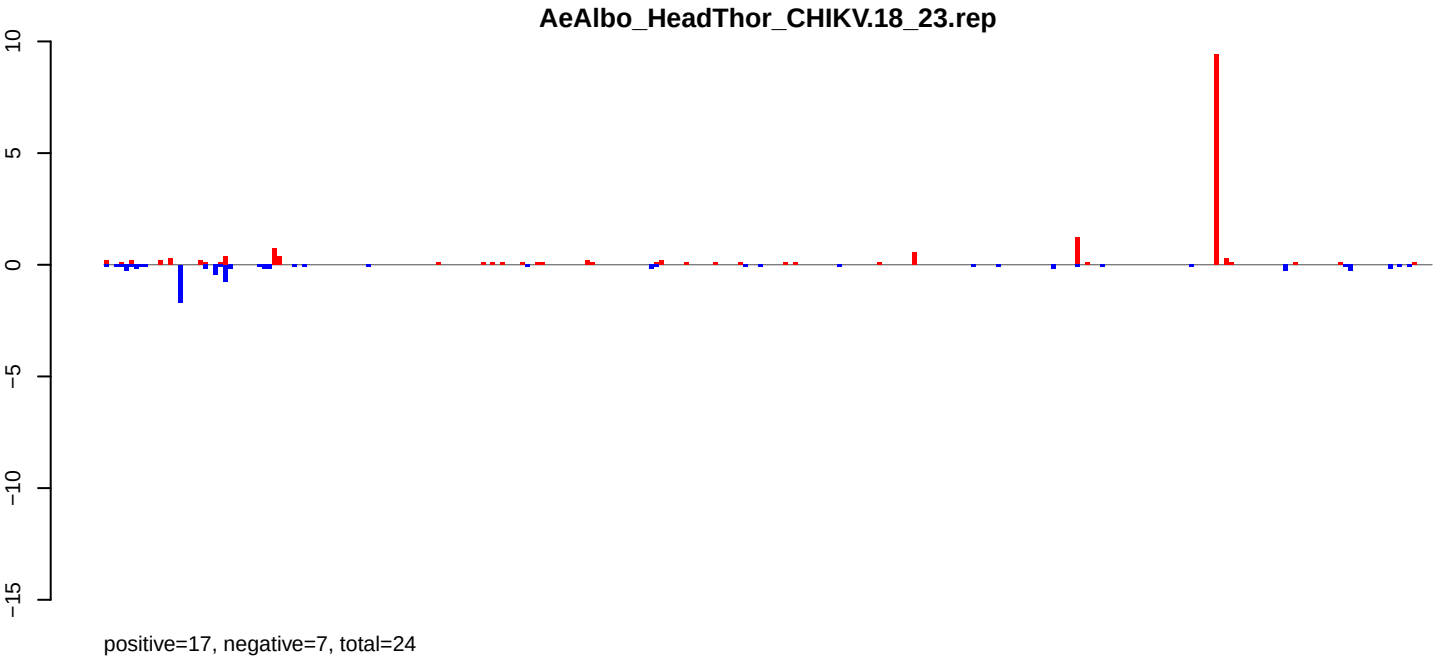

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=15, negative=60, total=74

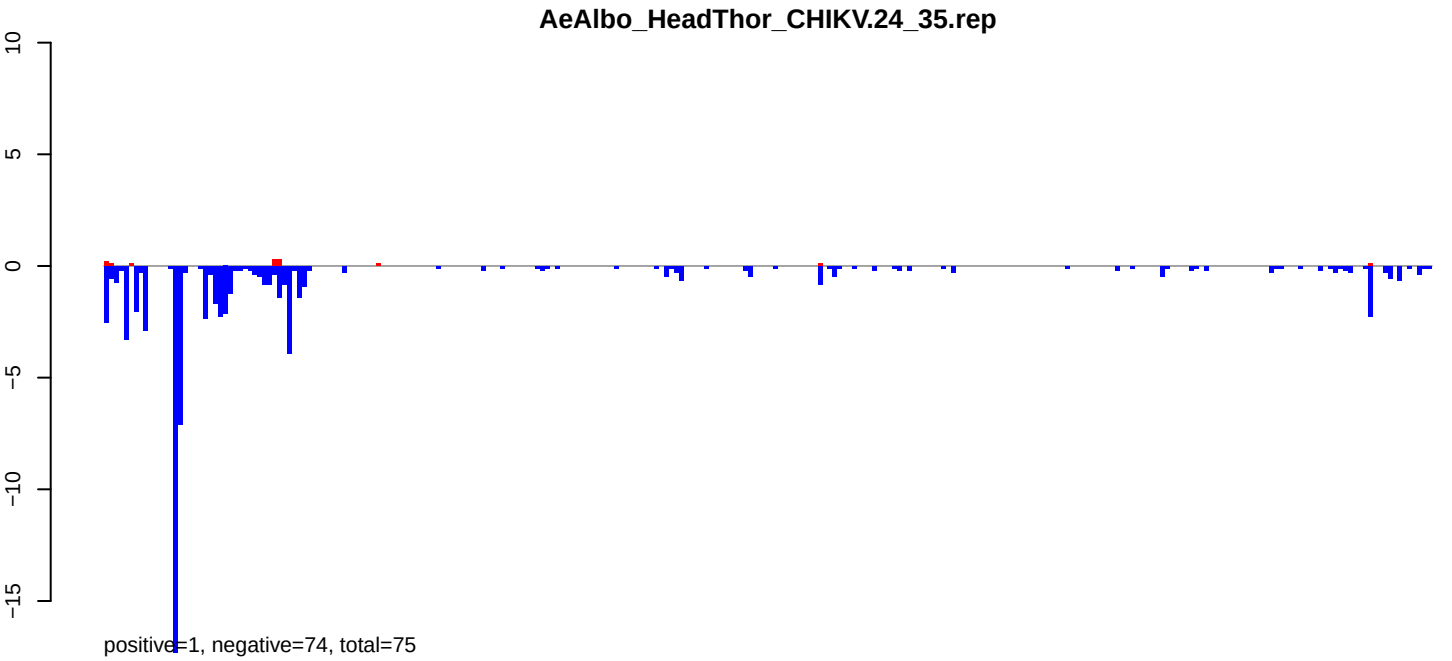
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=1, negative=1, total=2

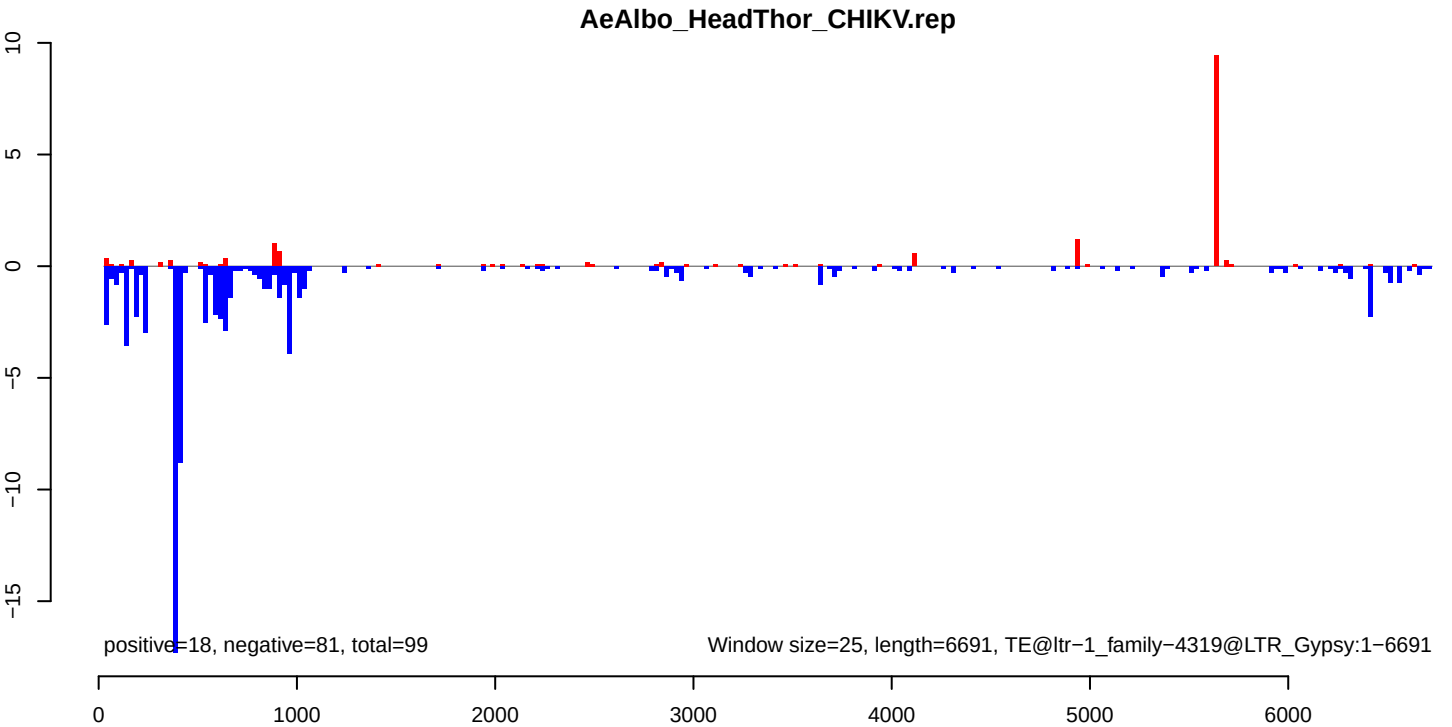

AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=16, negative=60, total=76
Window size=25, length=14189, TE@ltr−1_family−4717@LTR_Copia:1−14189
0
2000
4000
6000
8000
10000
12000
14000

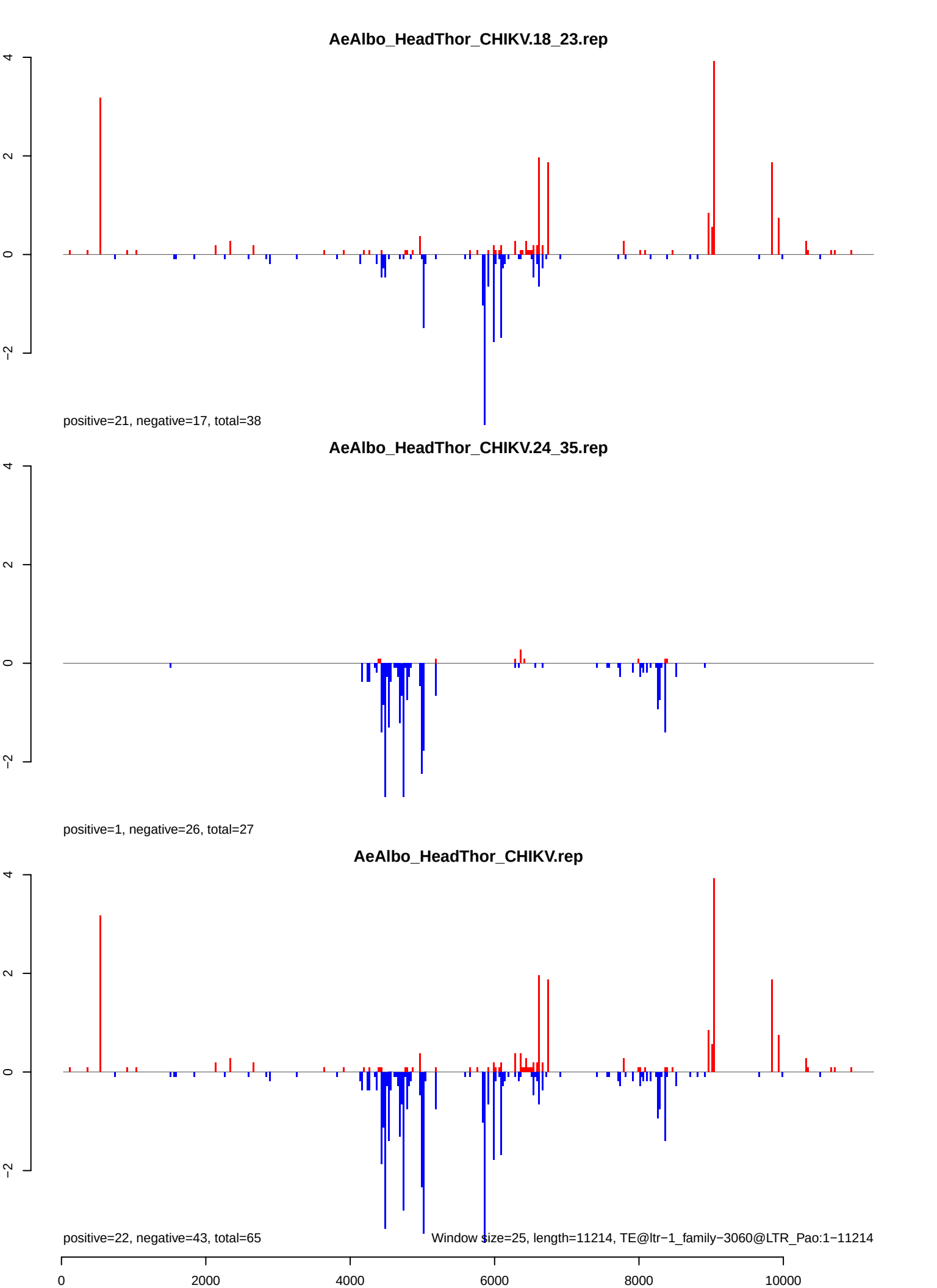

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=63, negative=70, total=132
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=46, negative=27, total=73
AeAlbo_HeadThor_CHIKV.rep
positive=108, negative=97, total=205
Window size=25, length=10438, TE@ltr−1_family−6360@LINE_RTE−BovB:1−10438
20
10
0
−10
−20
0
2000
4000
6000
8000
10000

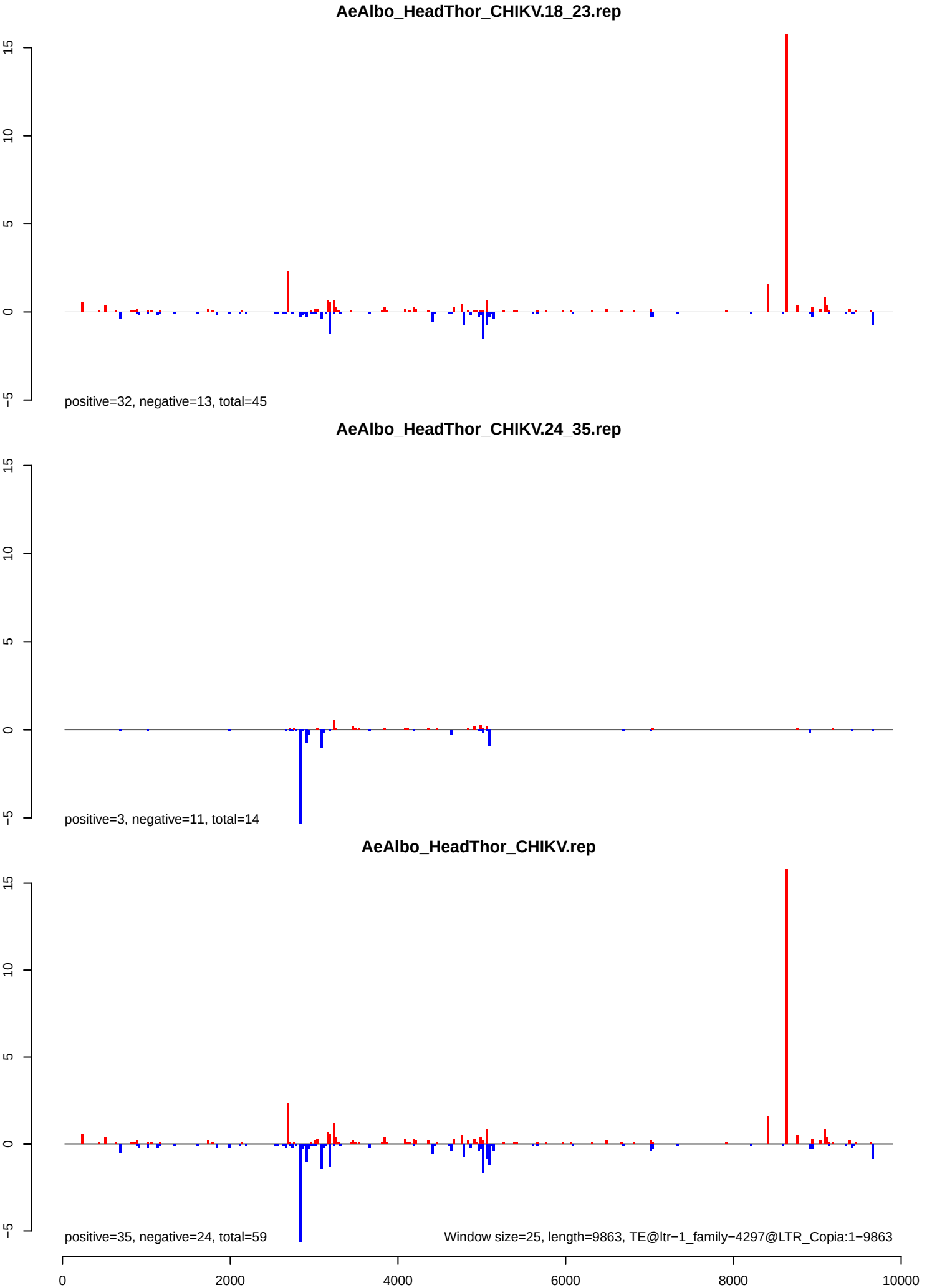

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=3, negative=29, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=4, negative=171, total=176
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
positive=7, negative=200, total=207
Window size=25, length=5230, TE@ltr−1_family−5773@LTR_Gypsy:1−5230
0
1000
2000
3000
4000
5000

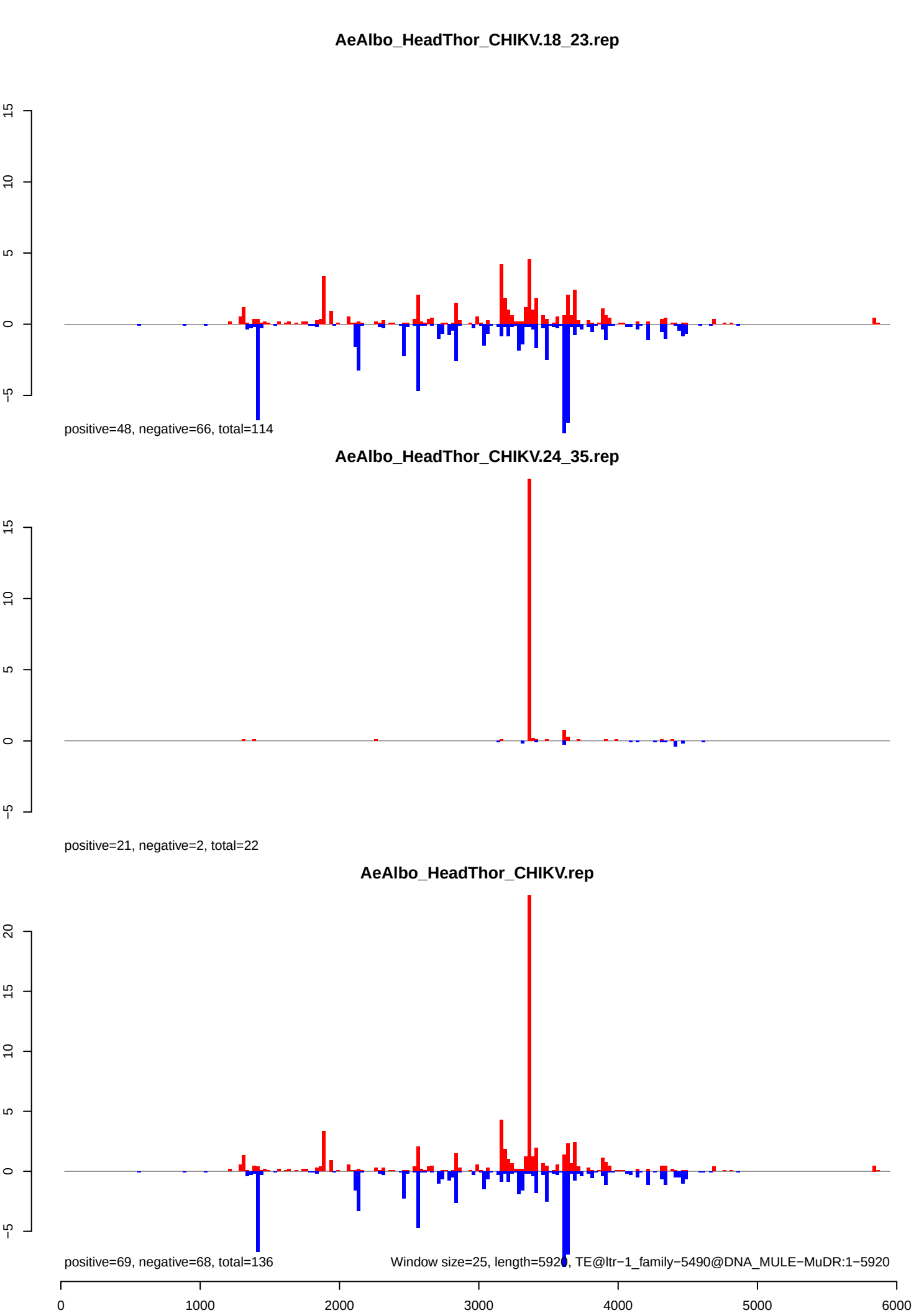

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
−10
−15
positive=17, negative=7, total=24

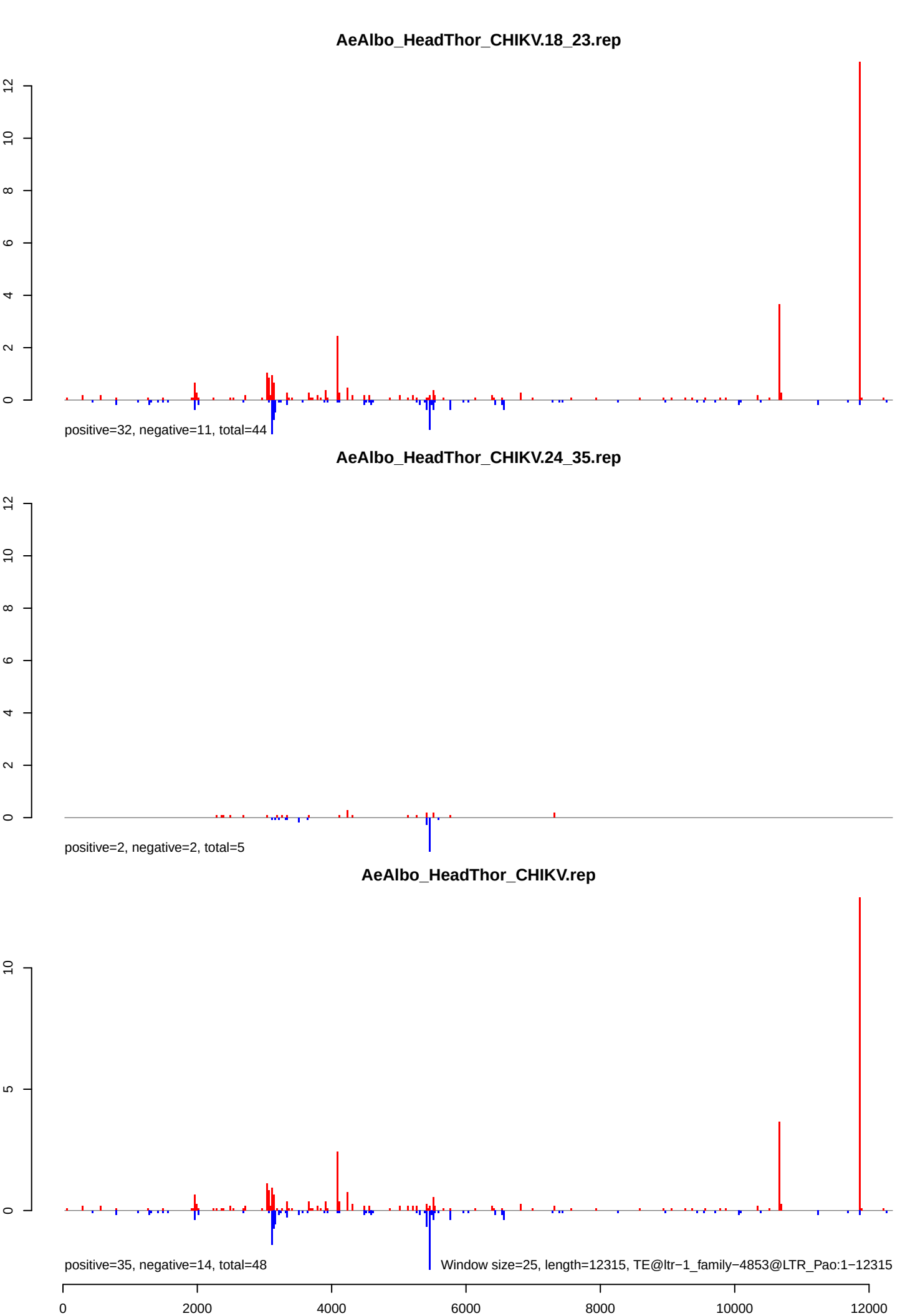

AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
−10
−15
positive=1, negative=74, total=75

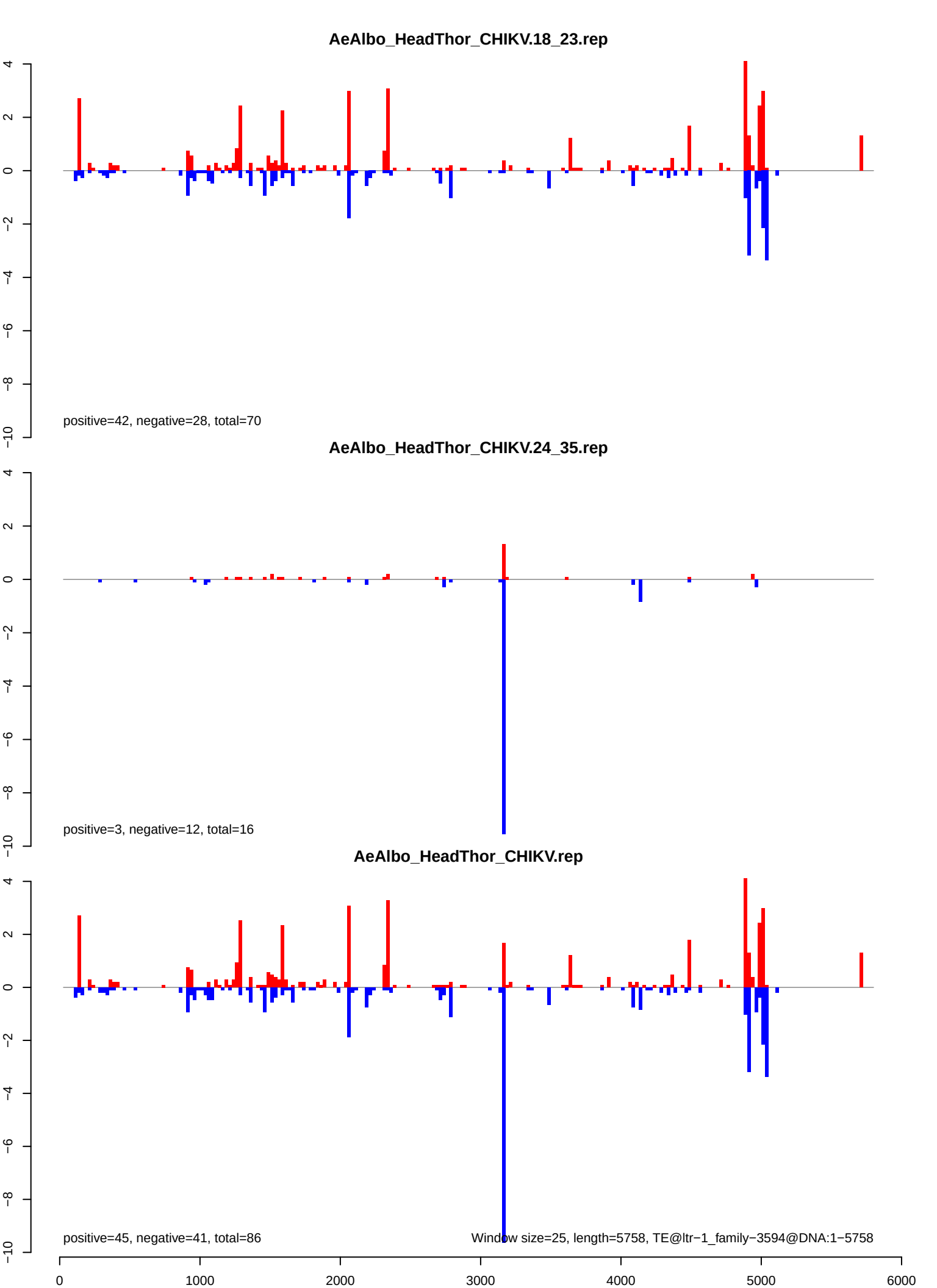

AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
−10
−15
positive=18, negative=81, total=99
Window size=25, length=6691, TE@ltr−1_family−4319@LTR_Gypsy:1−6691
0
1000
2000
3000
4000
5000
6000

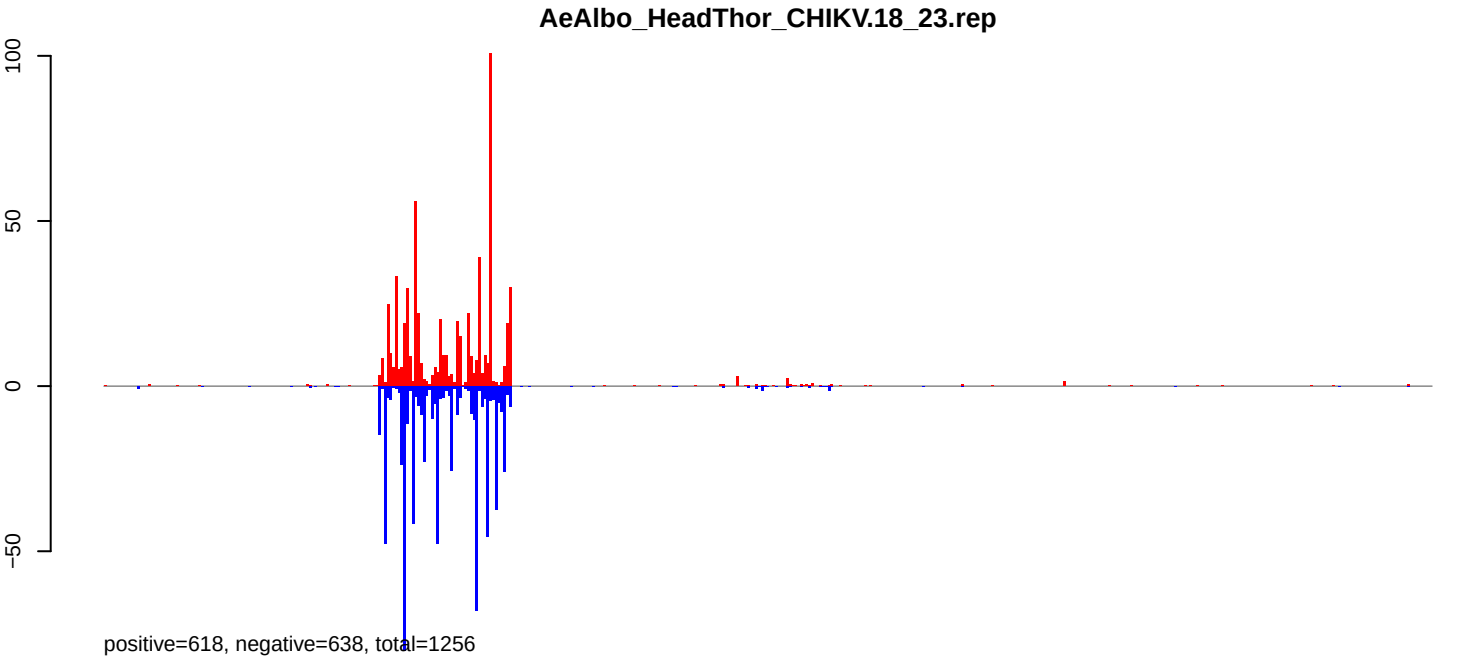

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=21, negative=17, total=38
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=26, total=27
AeAlbo_HeadThor_CHIKV.rep
positive=22, negative=43, total=65
Window size=25, length=11214, TE@ltr−1_family−3060@LTR_Pao:1−11214
0
2000
4000
6000
8000
10000


AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
positive=32, negative=13, total=45
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
positive=3, negative=11, total=14
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
positive=35, negative=24, total=59
Window size=25, length=9863, TE@ltr−1_family−4297@LTR_Copia:1−9863
0
2000
4000
6000
8000
10000

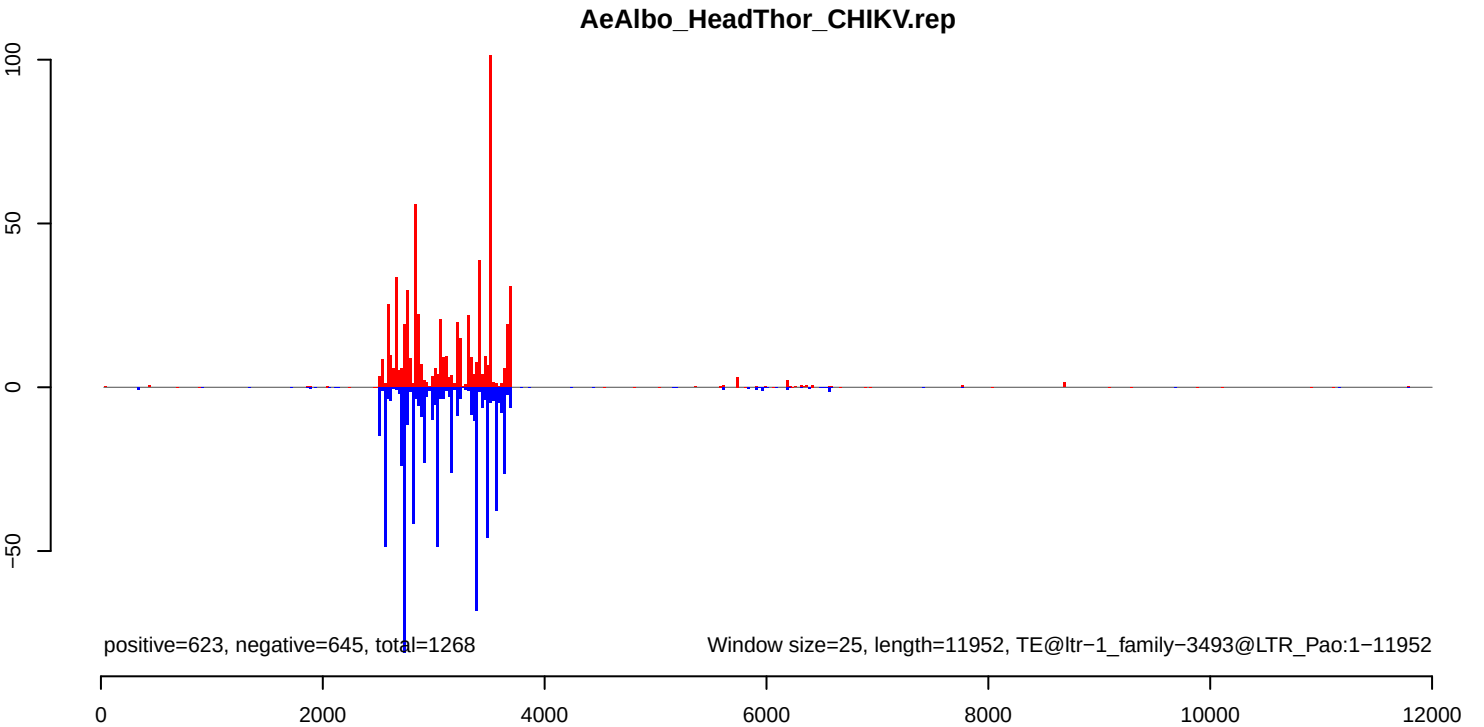

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
positive=48, negative=66, total=114
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
positive=21, negative=2, total=22
AeAlbo_HeadThor_CHIKV.rep
20
15
10
5
0
−5
positive=69, negative=68, total=136
Window size=25, length=5920, TE@ltr−1_family−5490@DNA_MULE−MuDR:1−5920
0
1000
2000
3000
4000
5000
6000

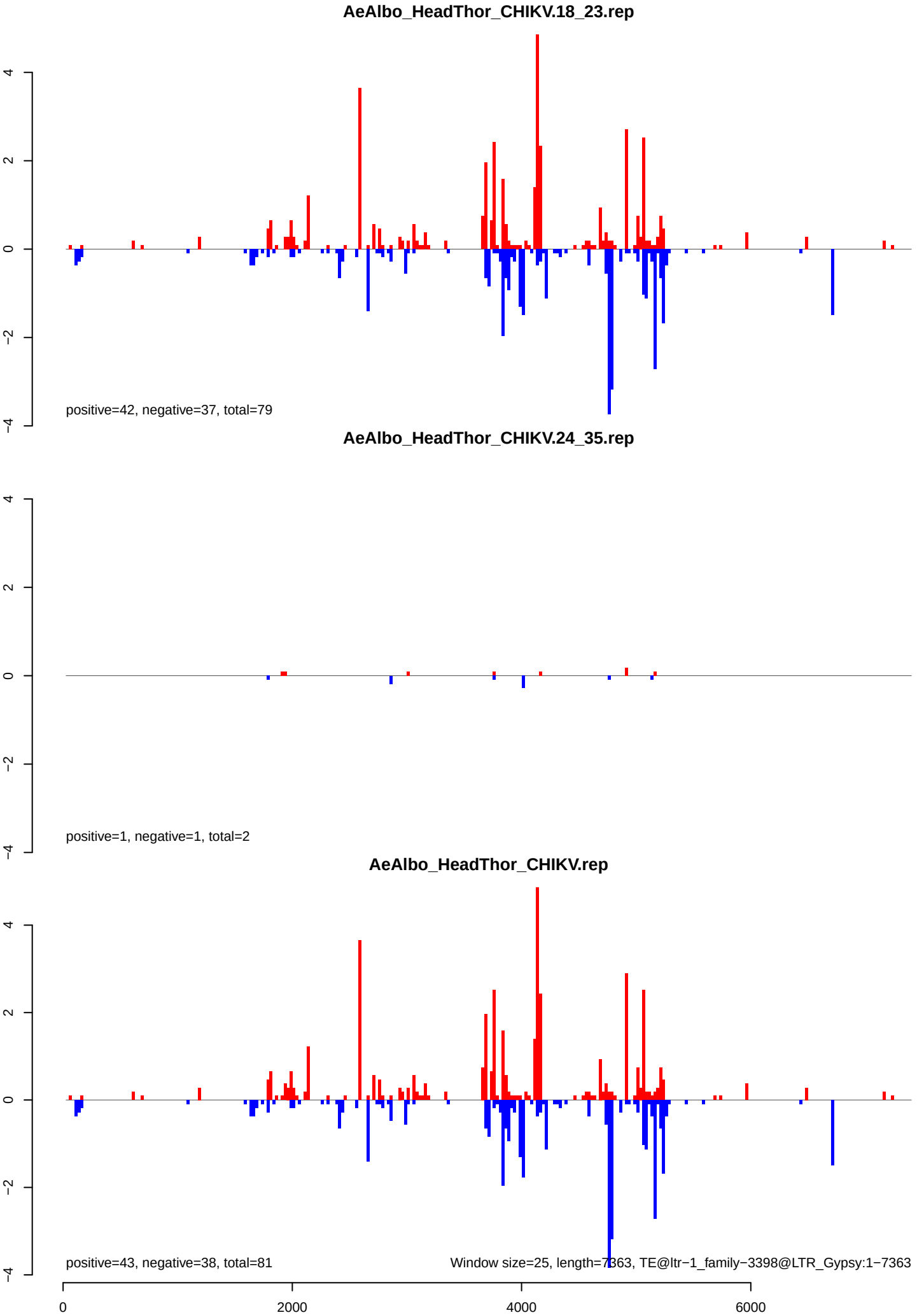

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
10
12
positive=32, negative=11, total=44
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
10
12
positive=2, negative=2, total=5
AeAlbo_HeadThor_CHIKV.rep
0
5
10
positive=35, negative=14, total=48
Window size=25, length=12315, TE@ltr−1_family−4853@LTR_Pao:1−12315
0
2000
4000
6000
8000
10000
12000

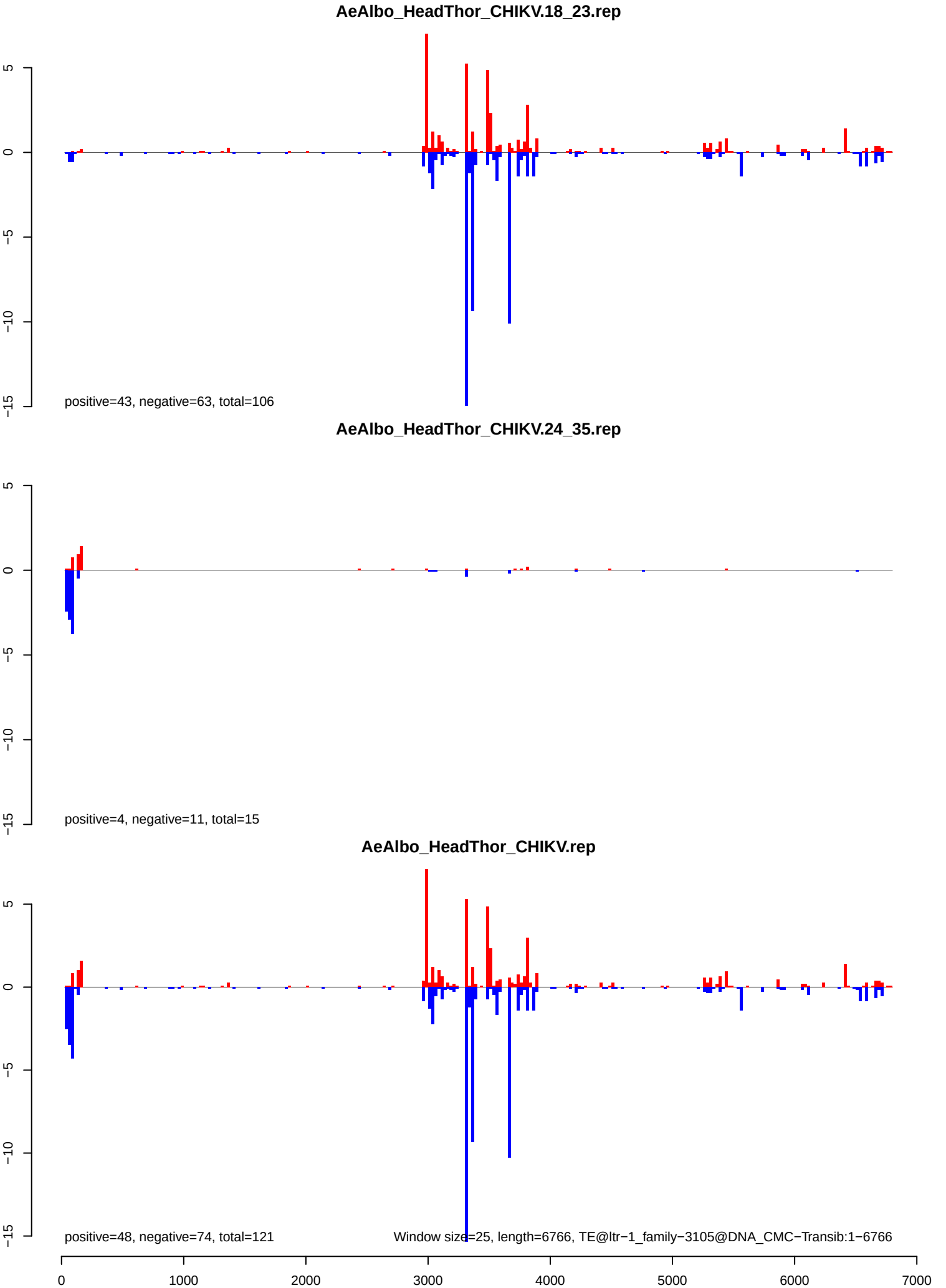

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=42, negative=28, total=70
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=12, total=16
AeAlbo_HeadThor_CHIKV.rep
positive=45, negative=41, total=86
Window size=25, length=5758, TE@ltr−1_family−3594@DNA:1−5758
4
2
0
−2
−4
−6
−8
−10
0
1000
2000
3000
4000
5000
6000

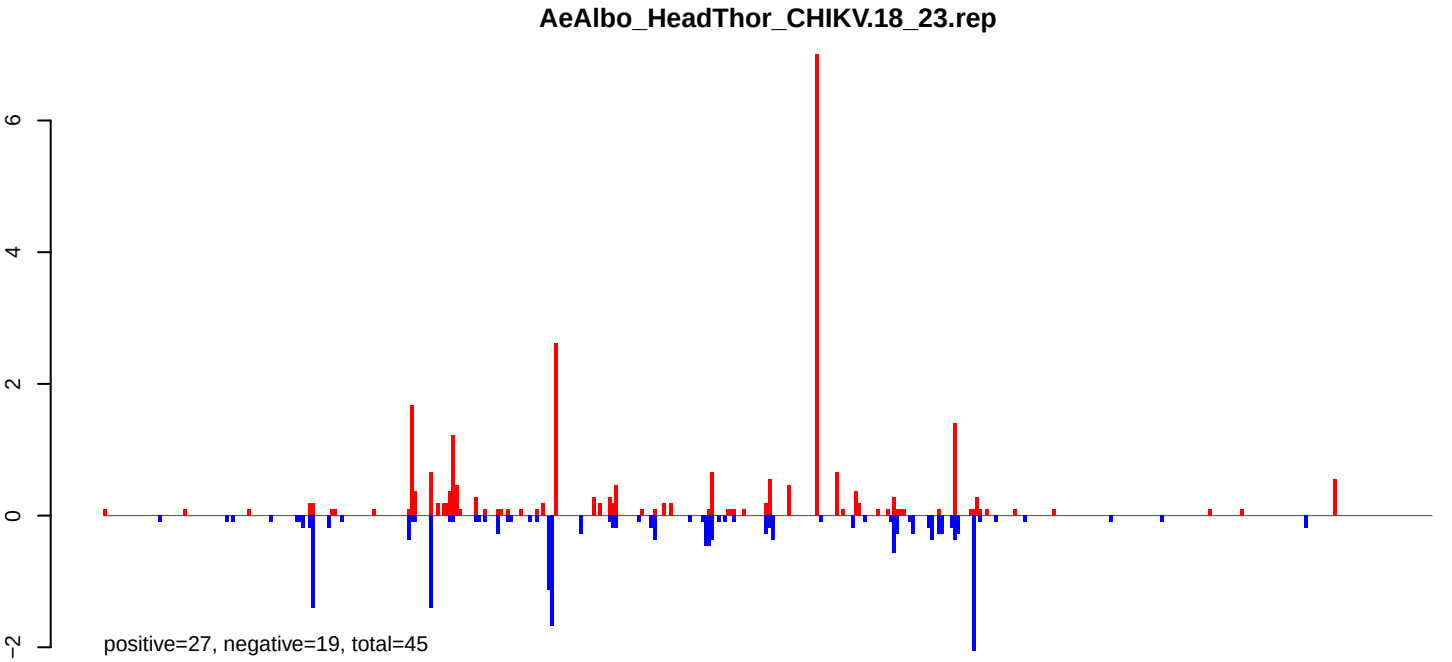

AeAlbo_HeadThor_CHIKV.18_23.rep
100
50
0
−50
positive=618, negative=638, total=1256

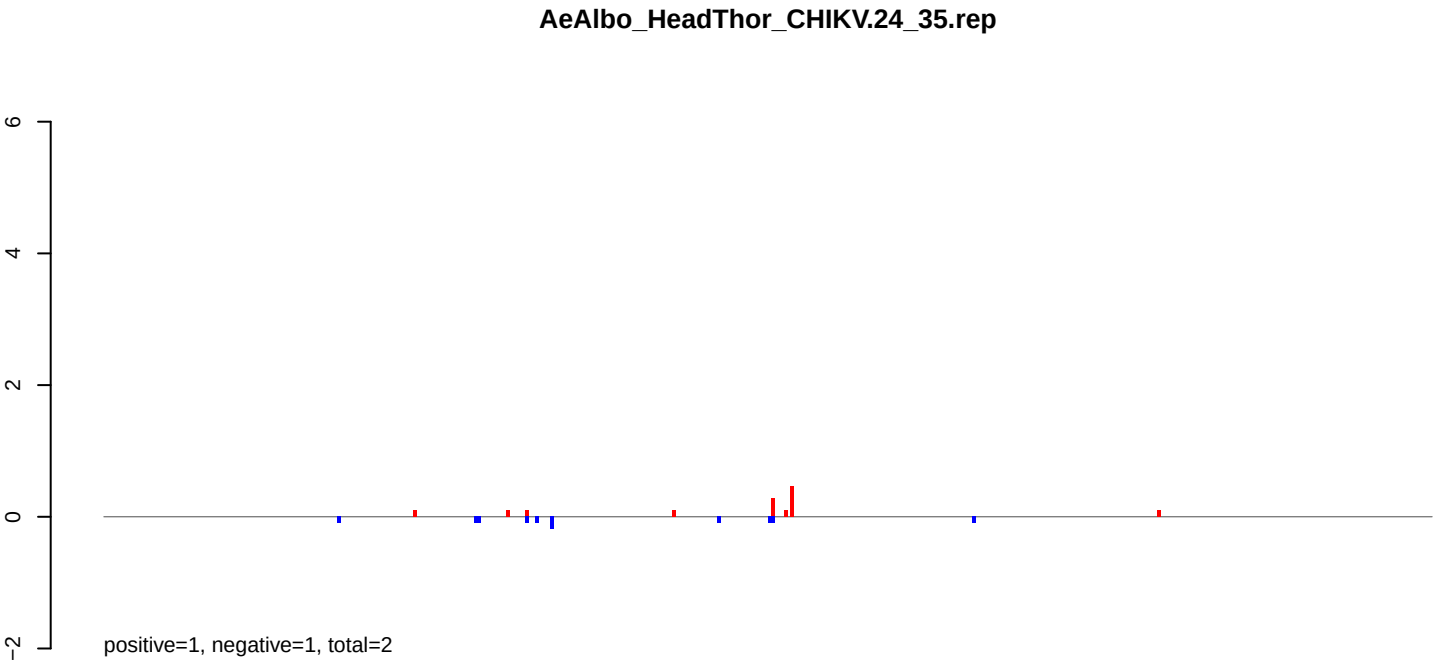
AeAlbo_HeadThor_CHIKV.24_35.rep
100
50
0
−50
positive=5, negative=7, total=12

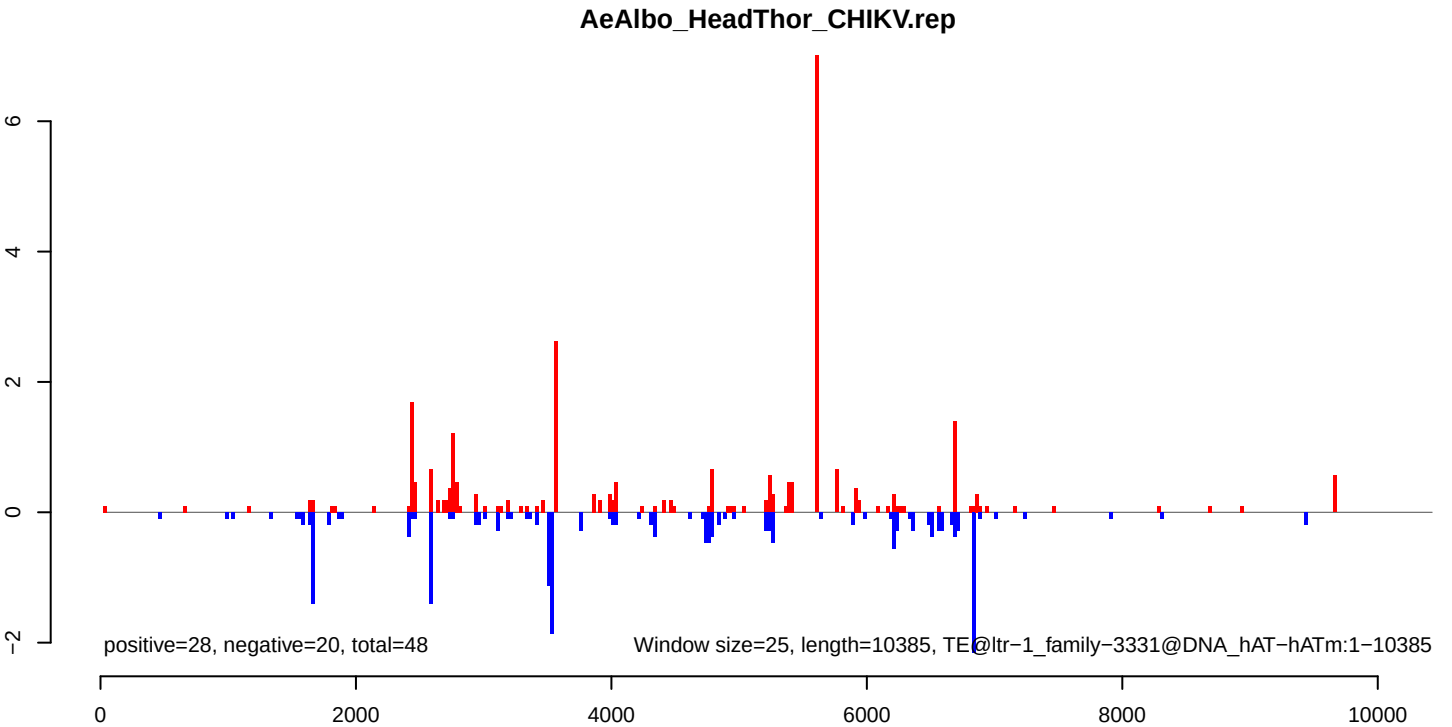

AeAlbo_HeadThor_CHIKV.rep
100
50
0
−50
positive=623, negative=645, total=1268
Window size=25, length=11952, TE@ltr−1_family−3493@LTR_Pao:1−11952
0
2000
4000
6000
8000
10000
12000

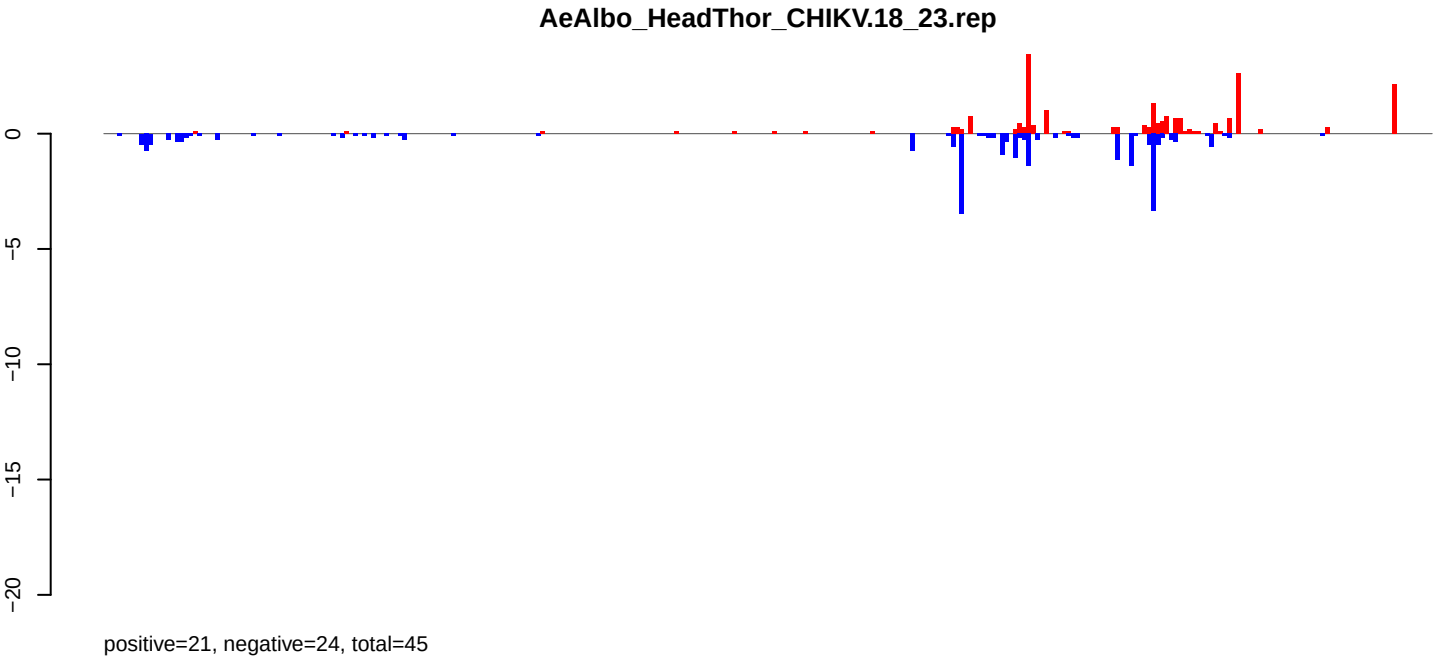

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=42, negative=37, total=79
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=43, negative=38, total=81
Window size=25, length=7363, TE@ltr−1_family−3398@LTR_Gypsy:1−7363
4
2
0
−2
−4
0
2000
4000
6000

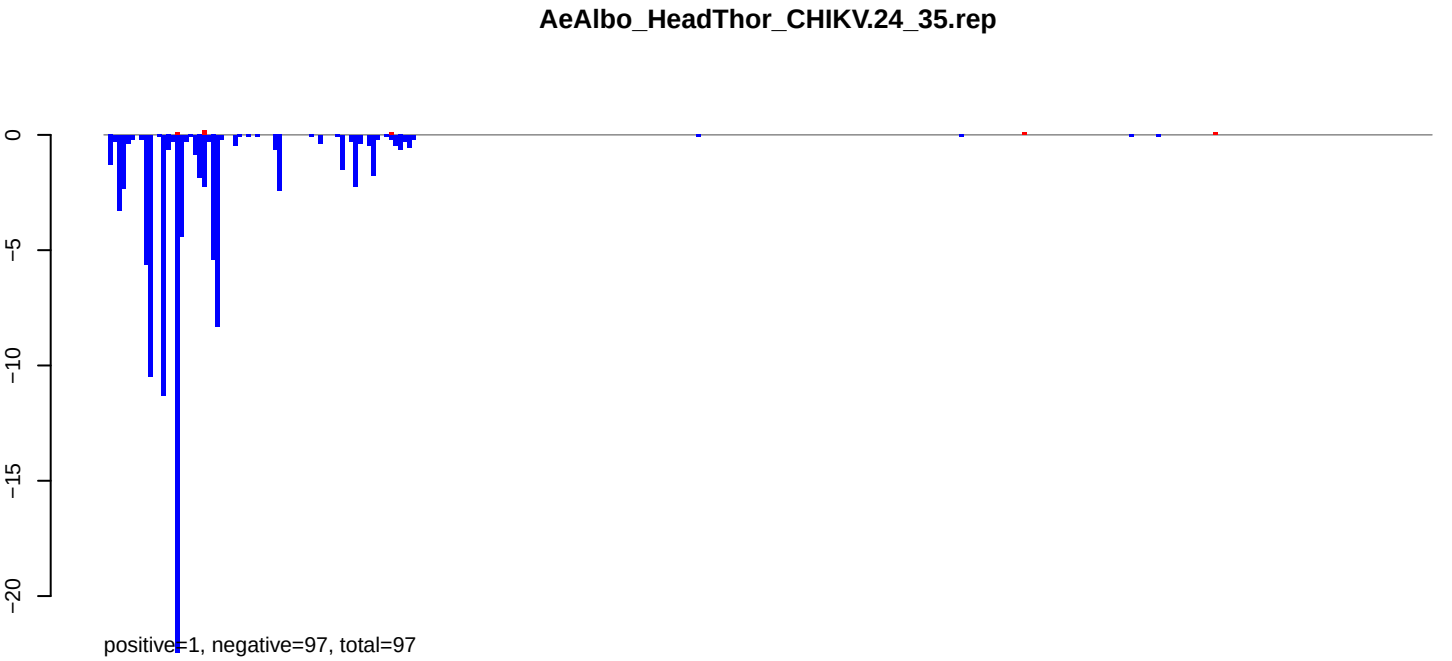

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=43, negative=63, total=106
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=11, total=15
AeAlbo_HeadThor_CHIKV.rep
positive=48, negative=74, total=121
Window size=25, length=6766, TE@ltr−1_family−3105@DNA_CMC−Transib:1−6766
5
0
−5
−10
−15
0
1000
2000
3000
4000
5000
6000
7000

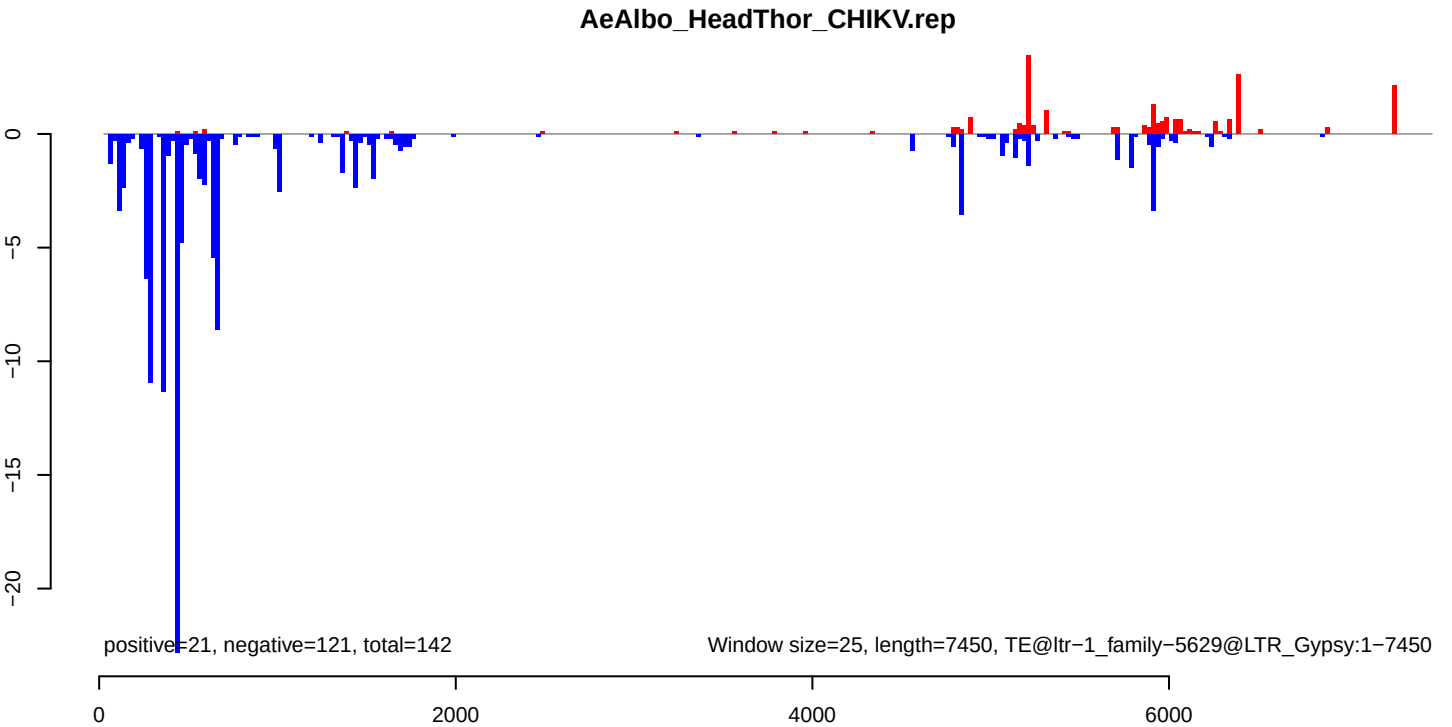

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
positive=27, negative=19, total=45

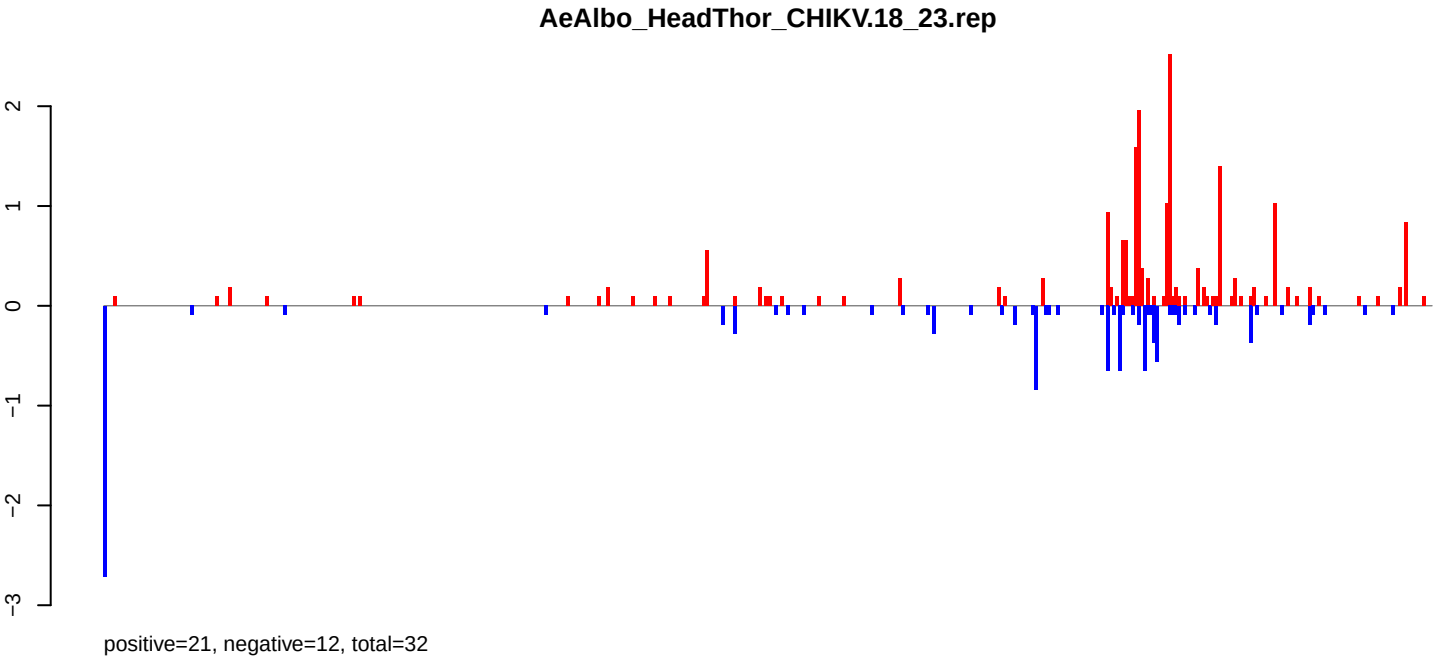

AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
positive=1, negative=1, total=2

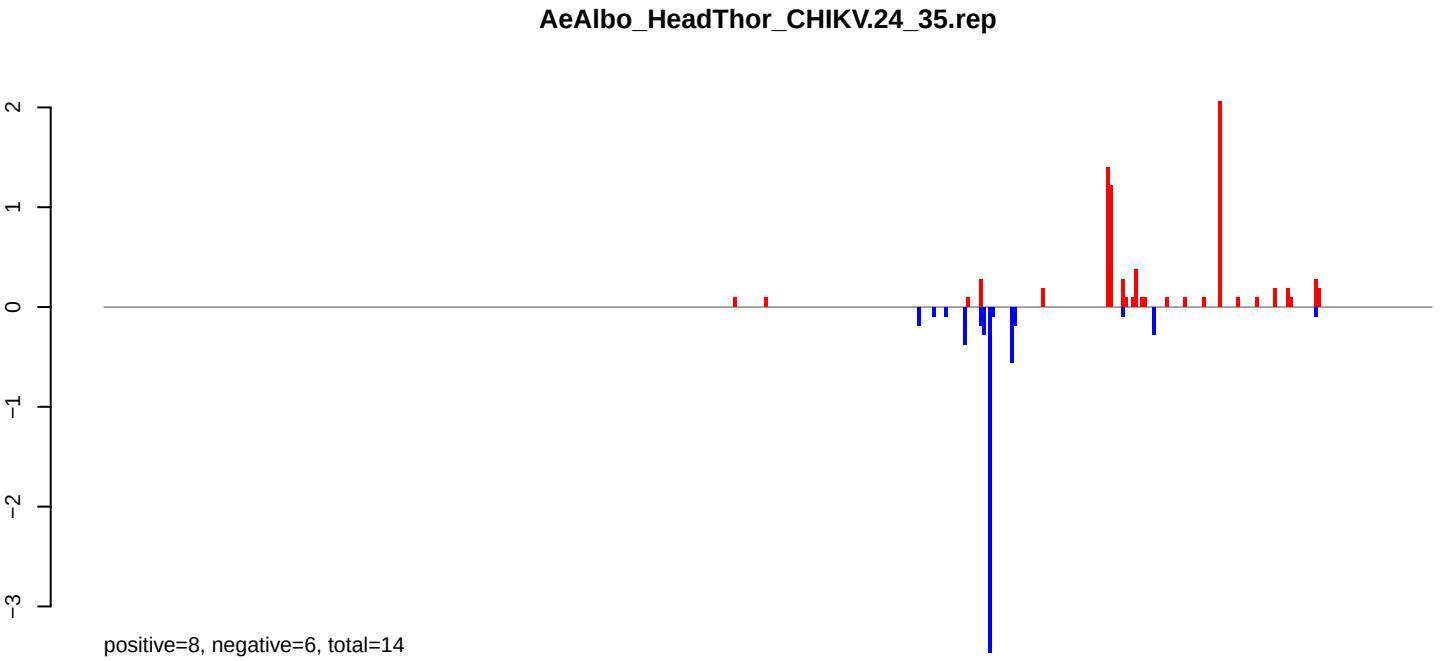

AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=28, negative=20, total=48
Window size=25, length=10385, TE@ltr−1_family−3331@DNA_hAT−hATm:1−10385
0
2000
4000
6000
8000
10000

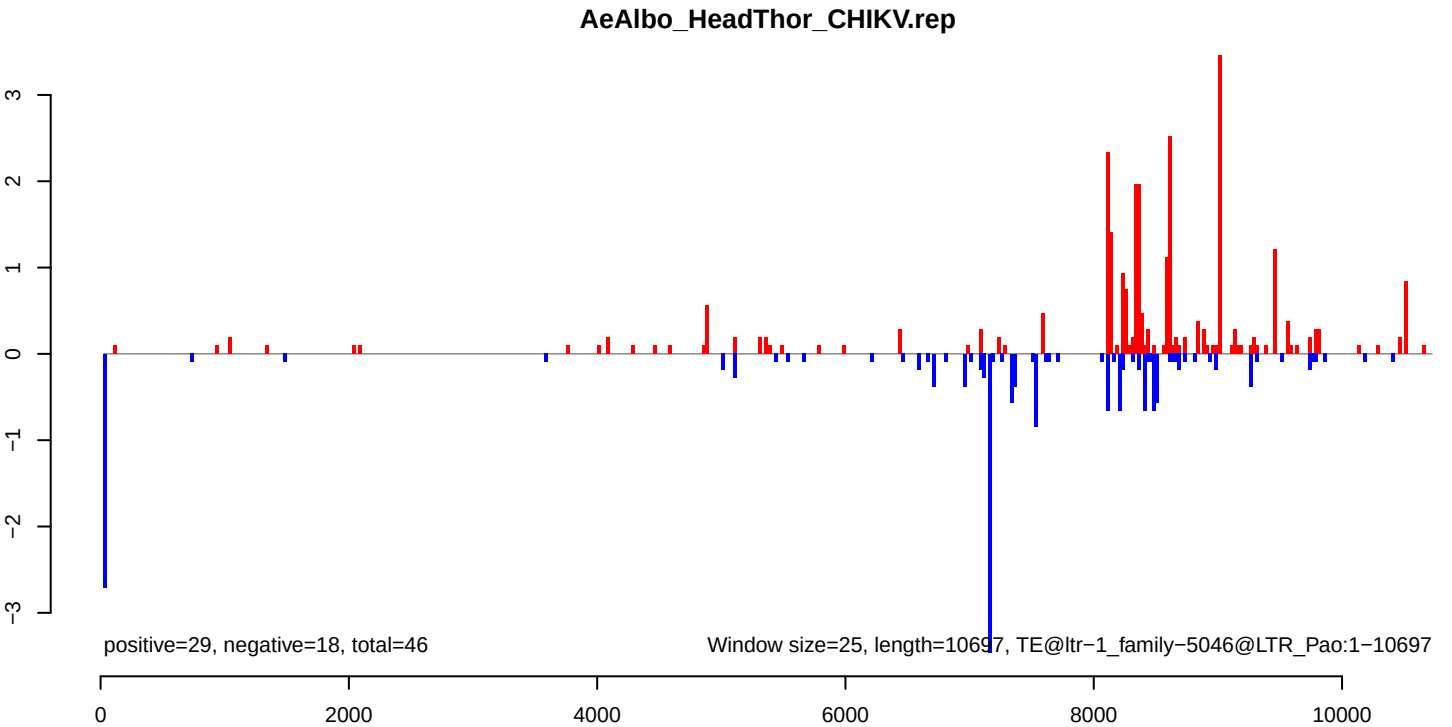

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=21, negative=24, total=45

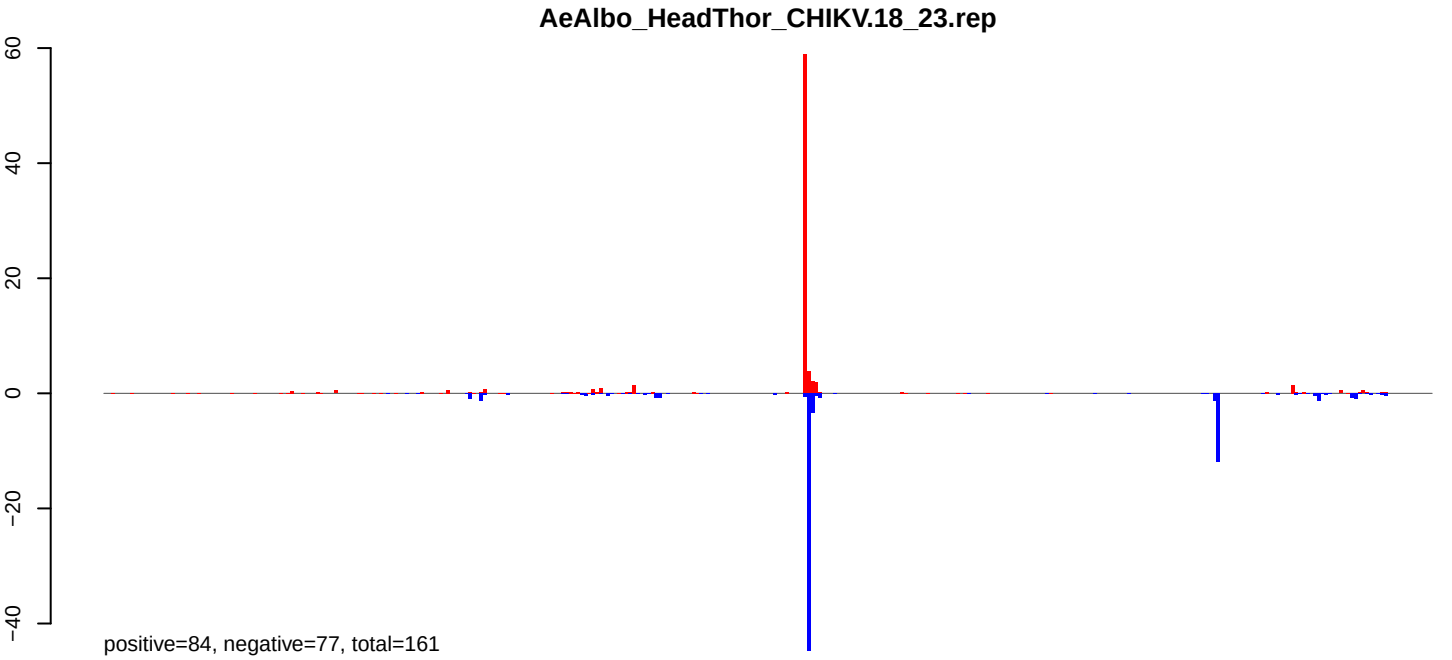

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=97, total=97

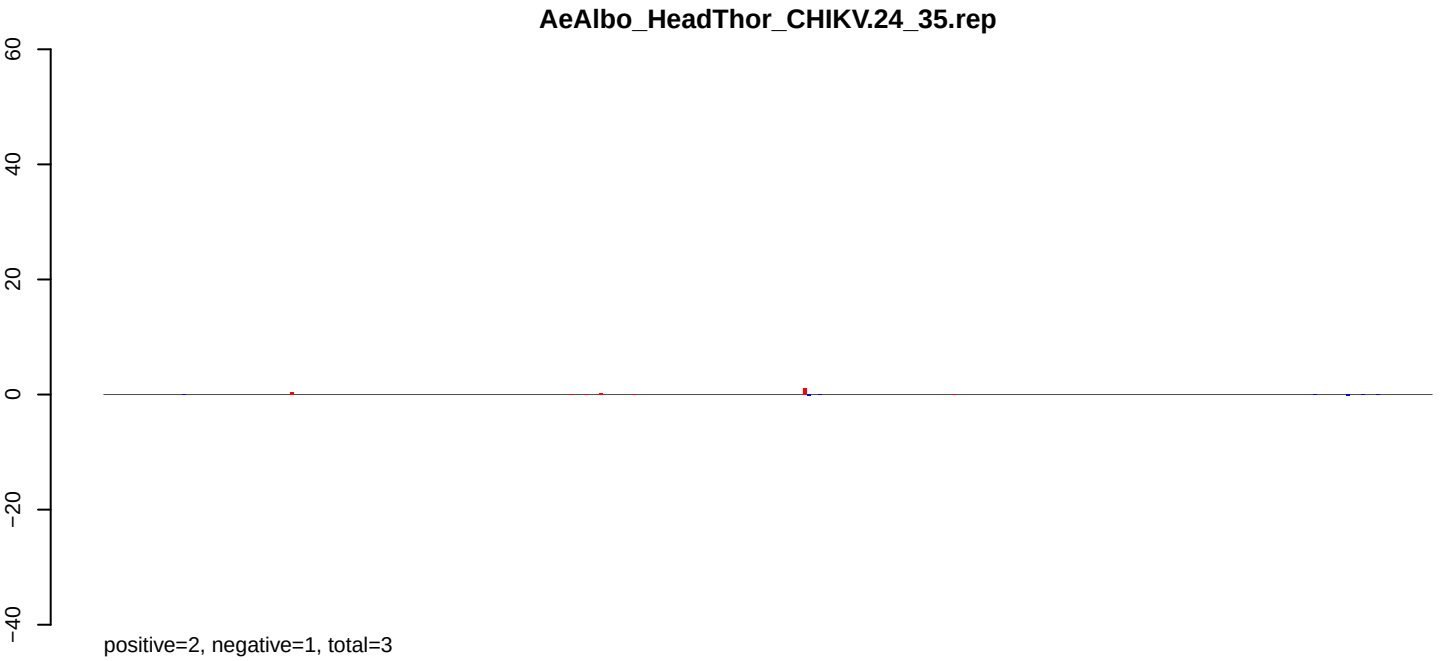

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=21, negative=121, total=142
Window size=25, length=7450, TE@ltr−1_family−5629@LTR_Gypsy:1−7450
0
2000
4000
6000

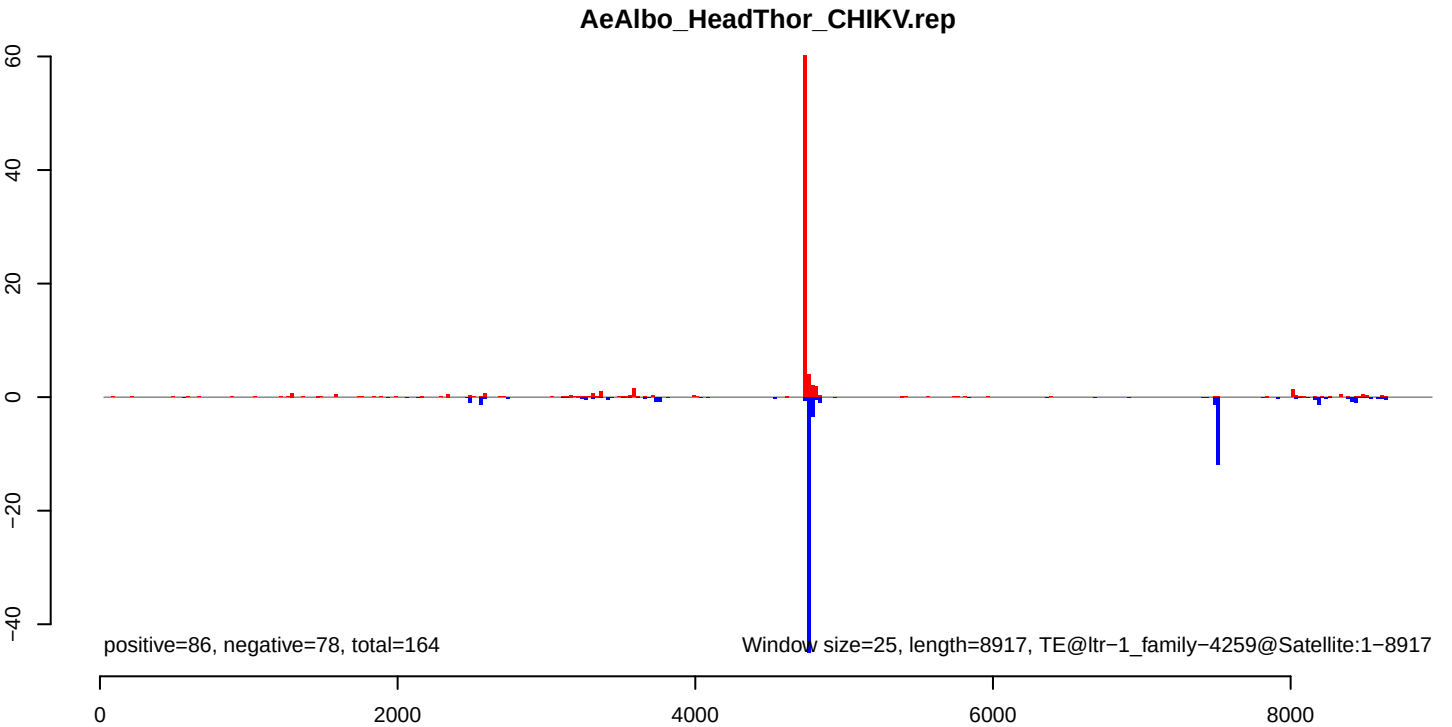

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
−3
positive=21, negative=12, total=32

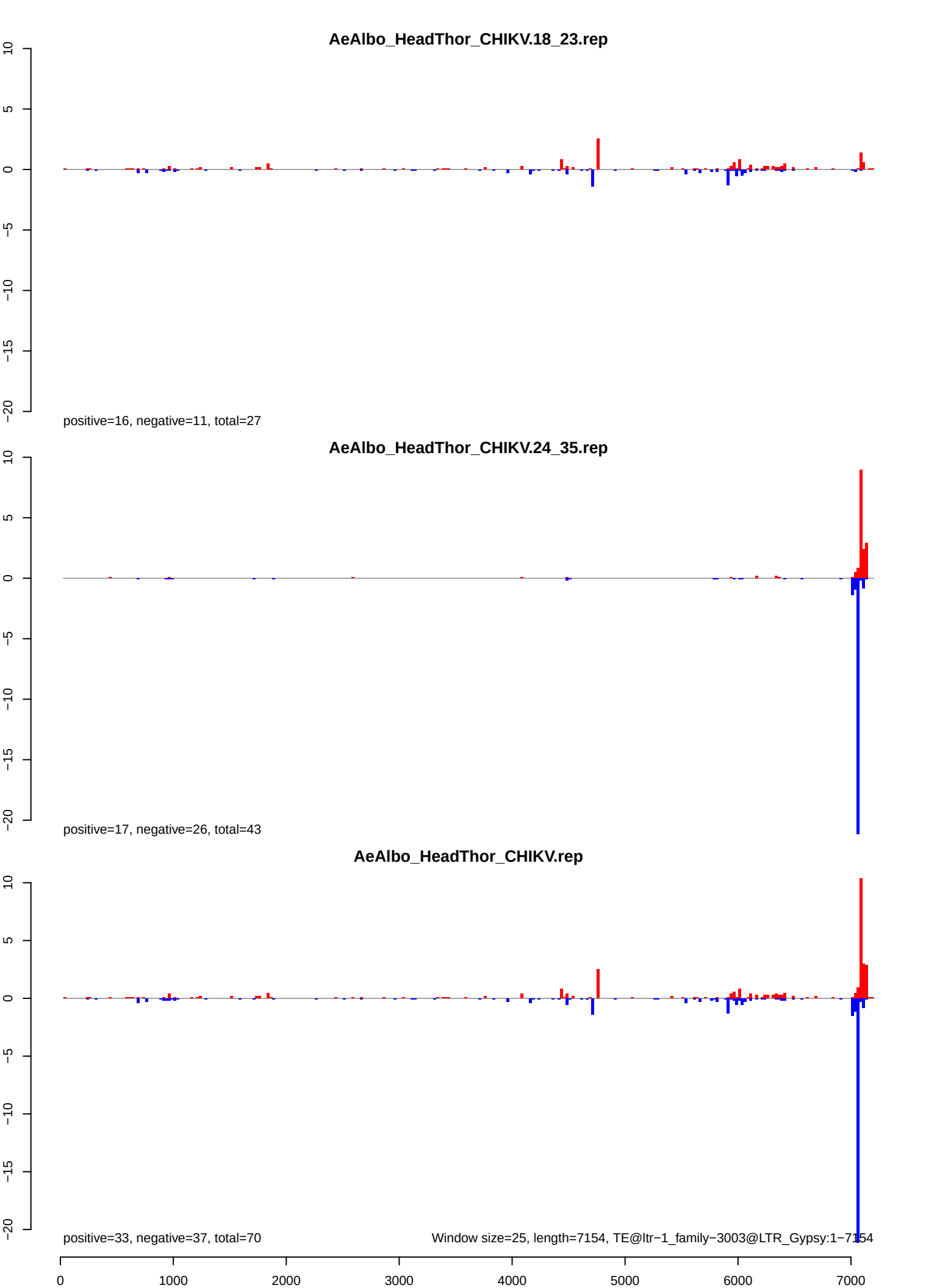

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
−3
positive=8, negative=6, total=14

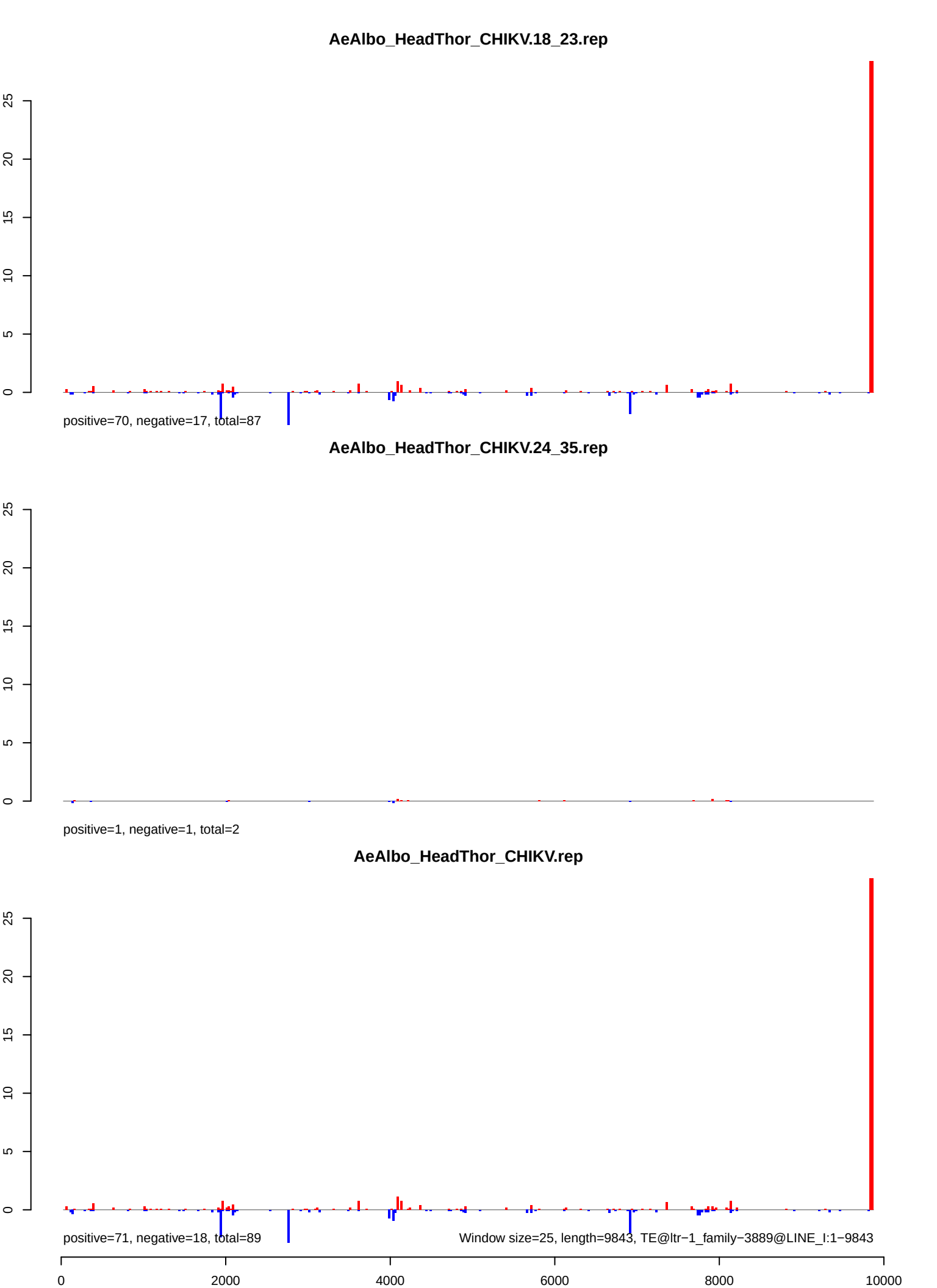

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
−2
−3
positive=29, negative=18, total=46
Window size=25, length=10697, TE@ltr−1_family−5046@LTR_Pao:1−10697
0
2000
4000
6000
8000
10000

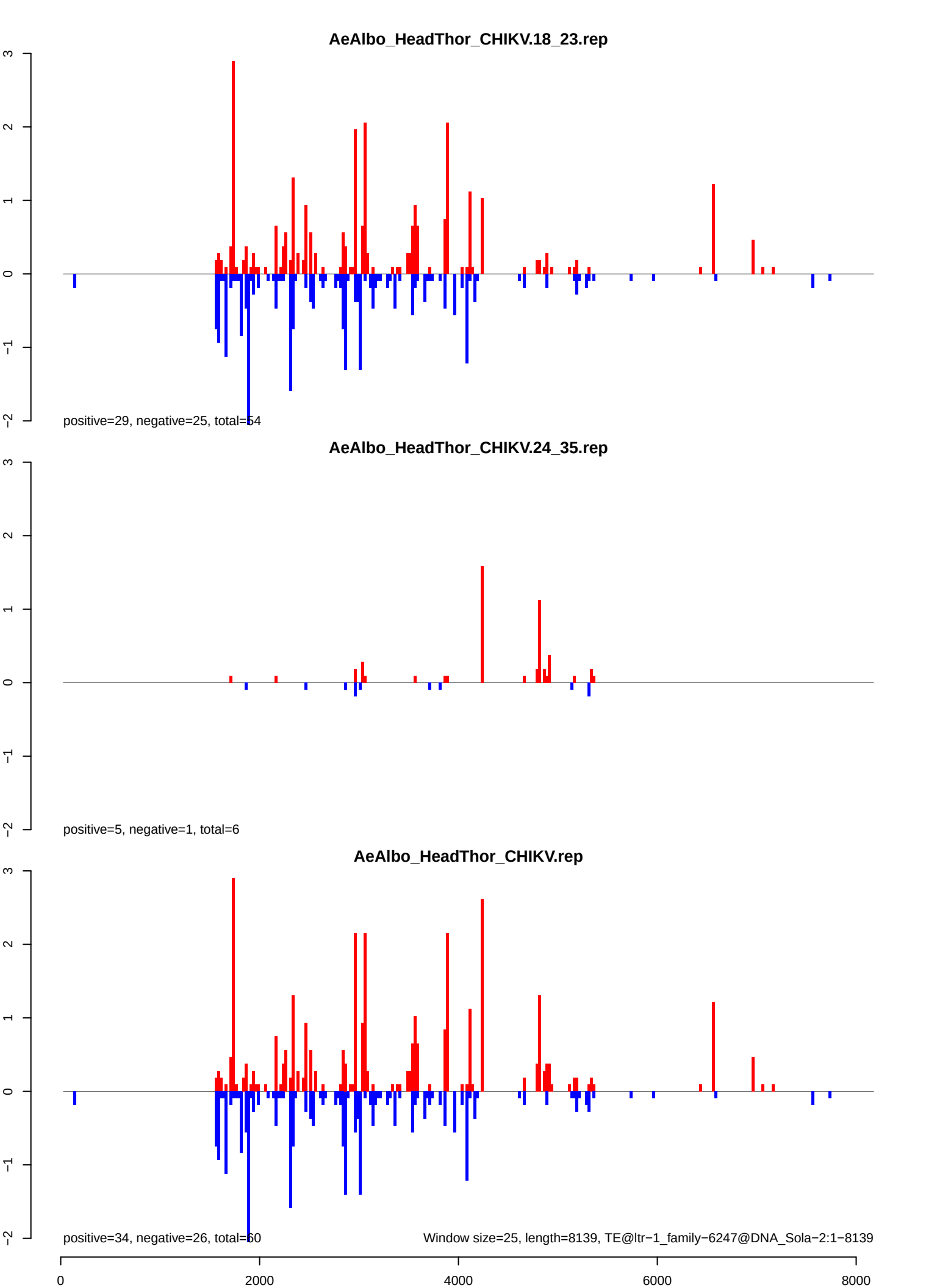

AeAlbo_HeadThor_CHIKV.18_23.rep
60
40
20
0
−20
−40
positive=84, negative=77, total=161

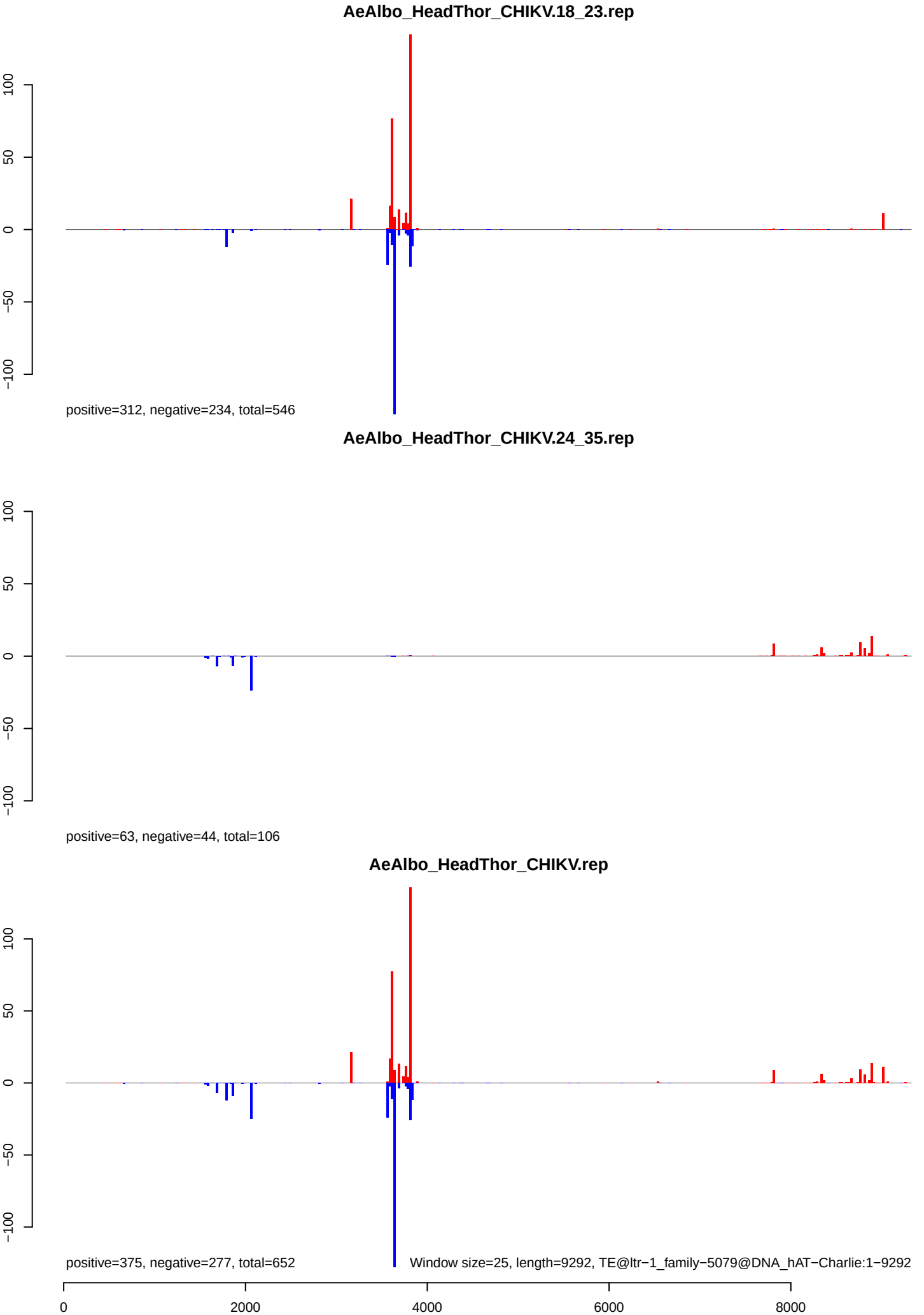

AeAlbo_HeadThor_CHIKV.24_35.rep
60
40
20
0
−20
−40
positive=2, negative=1, total=3

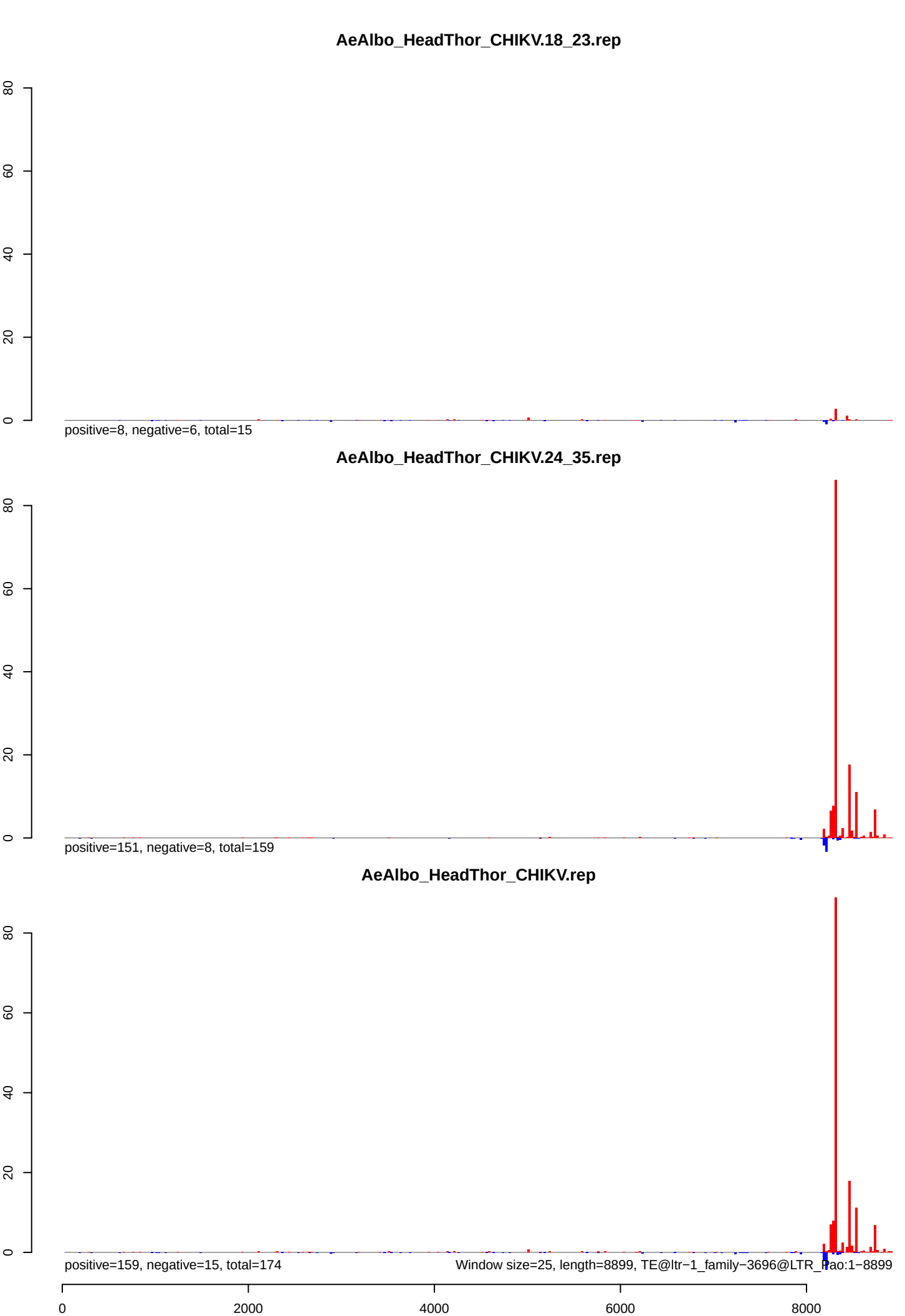

AeAlbo_HeadThor_CHIKV.rep
60
40
20
0
−20
−40
positive=86, negative=78, total=164
Window size=25, length=8917, TE@ltr−1_family−4259@Satellite:1−8917
0
2000
4000
6000
8000

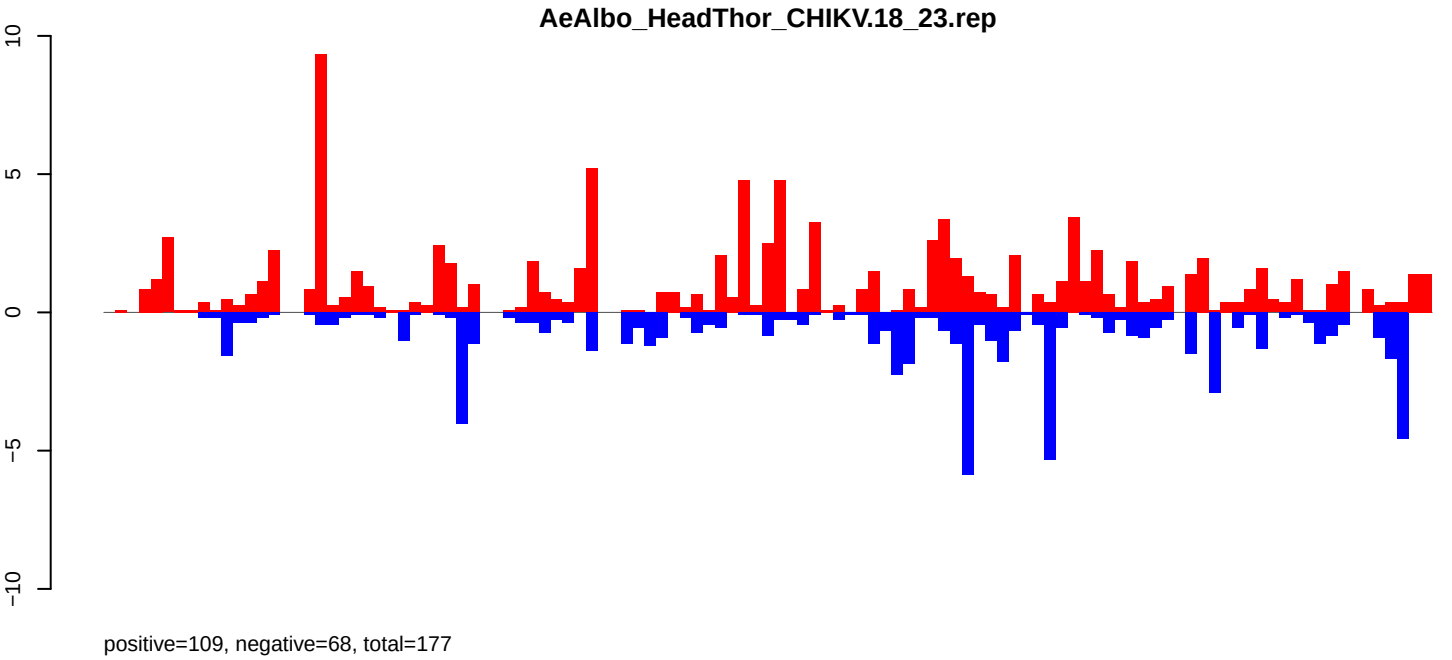

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=11, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=17, negative=26, total=43
AeAlbo_HeadThor_CHIKV.rep
positive=33, negative=37, total=70
Window size=25, length=7154, TE@ltr−1_family−3003@LTR_Gypsy:1−7154
10
5
0
−5
−10
−15
−20
0
1000
2000
3000
4000
5000
6000
7000

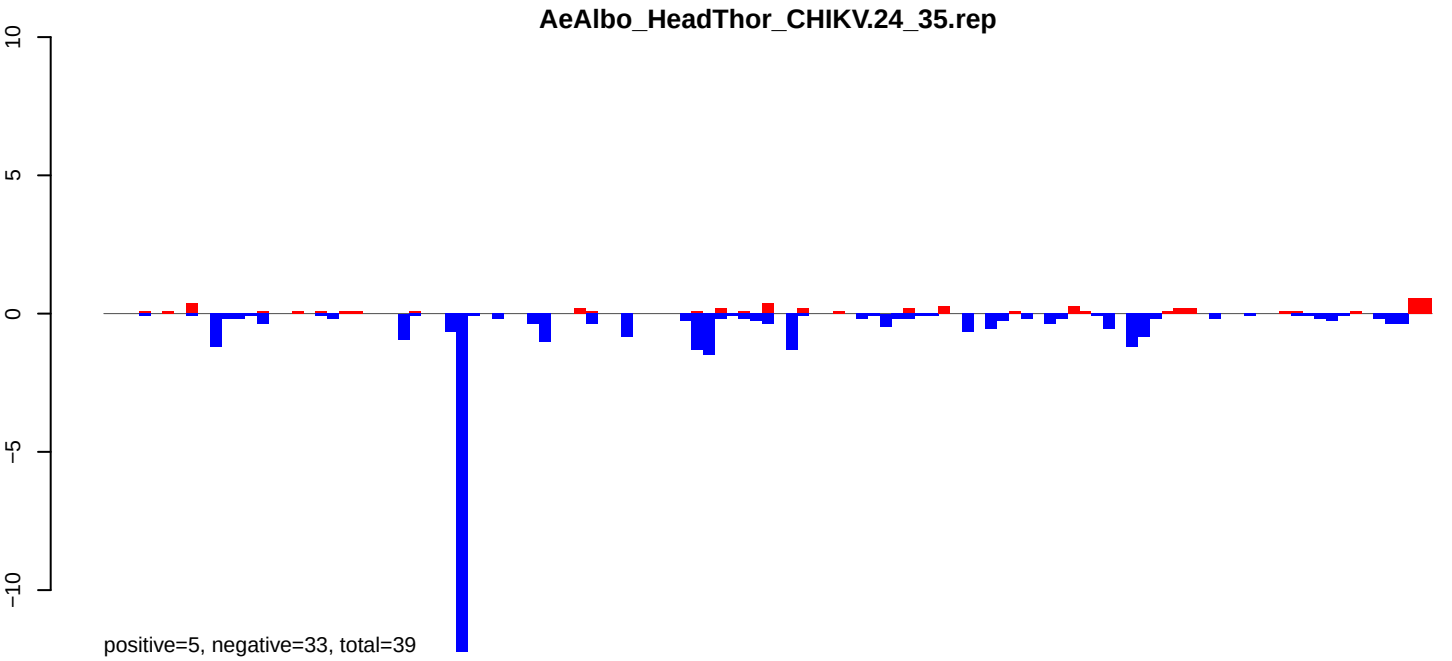

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
25
positive=70, negative=17, total=87
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
25
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
25
positive=71, negative=18, total=89
Window size=25, length=9843, TE@ltr−1_family−3889@LINE_I:1−9843
0
2000
4000
6000
8000
10000

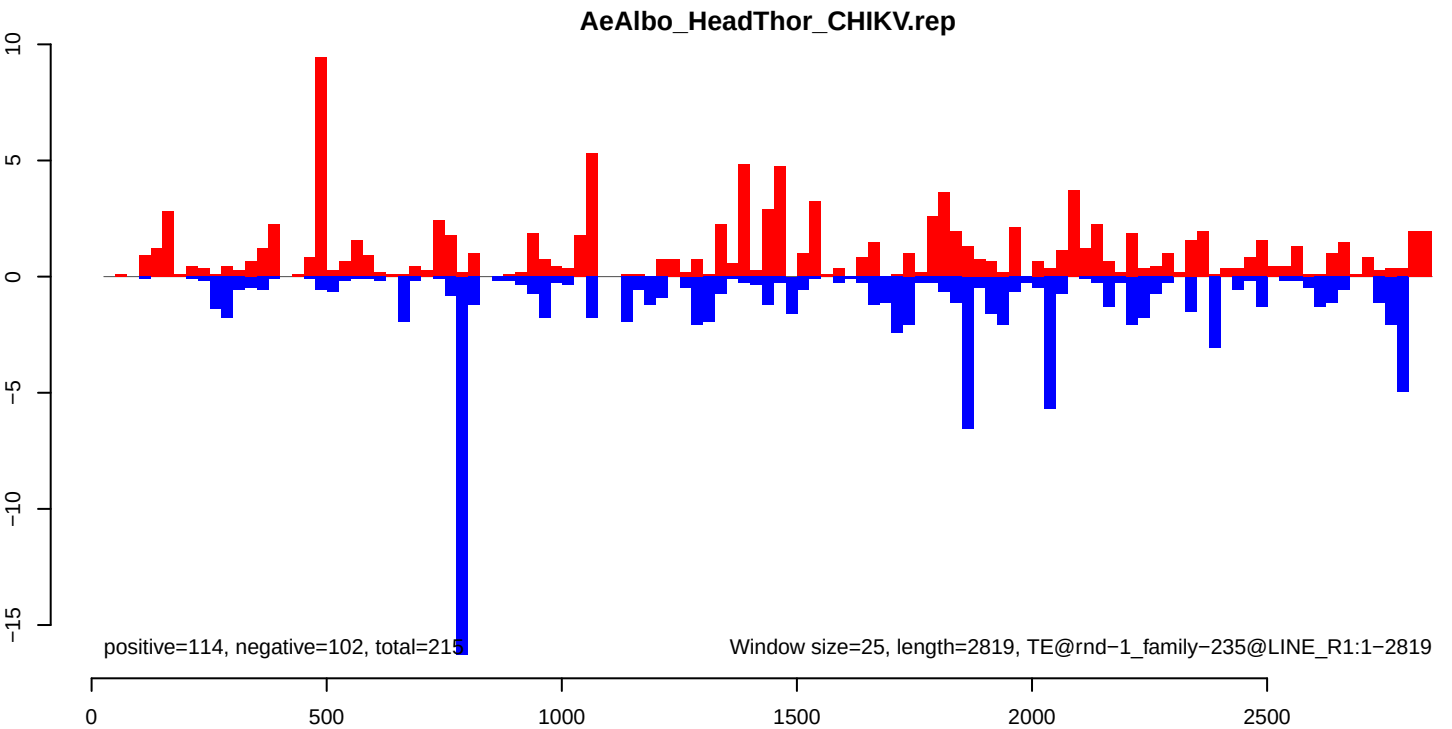

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=29, negative=25, total=54
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=5, negative=1, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=34, negative=26, total=60
Window size=25, length=8139, TE@ltr−1_family−6247@DNA_Sola−2:1−8139
3
2
1
0
−1
−2
0
2000
4000
6000
8000

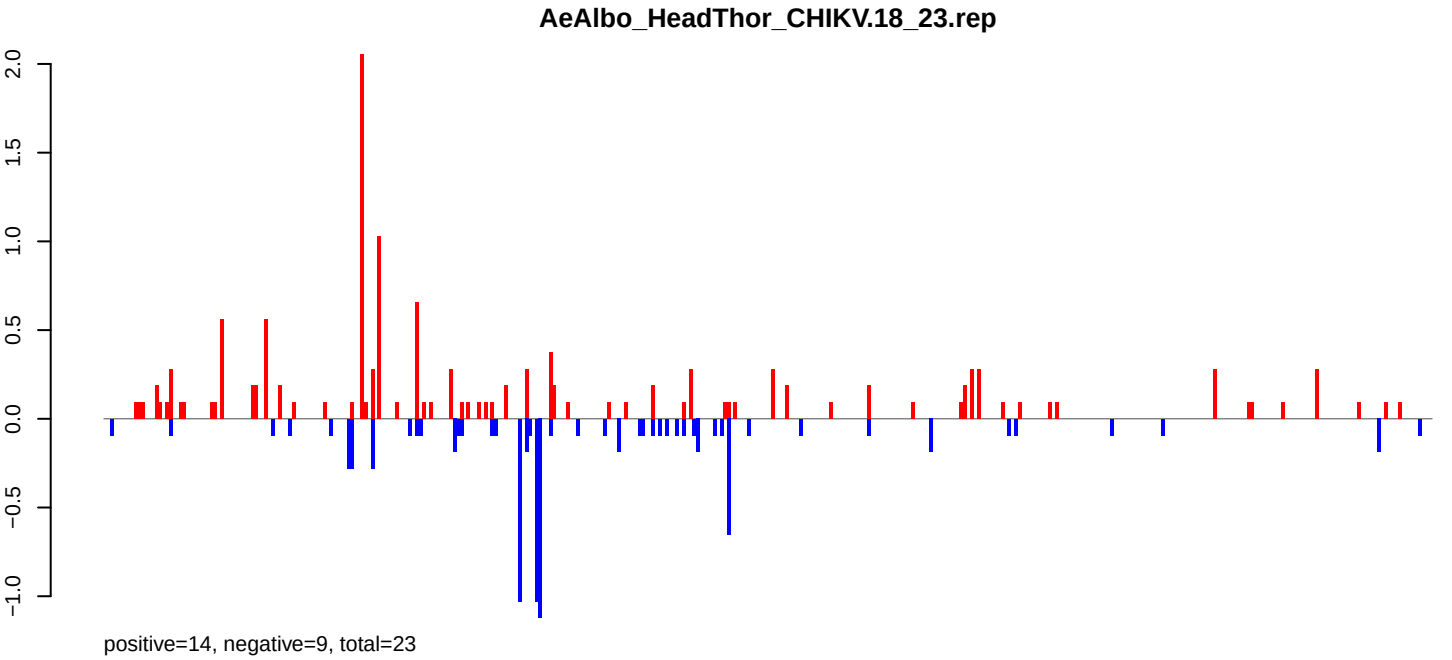

AeAlbo_HeadThor_CHIKV.18_23.rep
100
50
0
−50
−100
positive=312, negative=234, total=546
AeAlbo_HeadThor_CHIKV.24_35.rep
100
50
0
−50
−100
positive=63, negative=44, total=106
AeAlbo_HeadThor_CHIKV.rep
100
50
0
−50
−100
positive=375, negative=277, total=652
Window size=25, length=9292, TE@ltr−1_family−5079@DNA_hAT−Charlie:1−9292
0
2000
4000
6000
8000

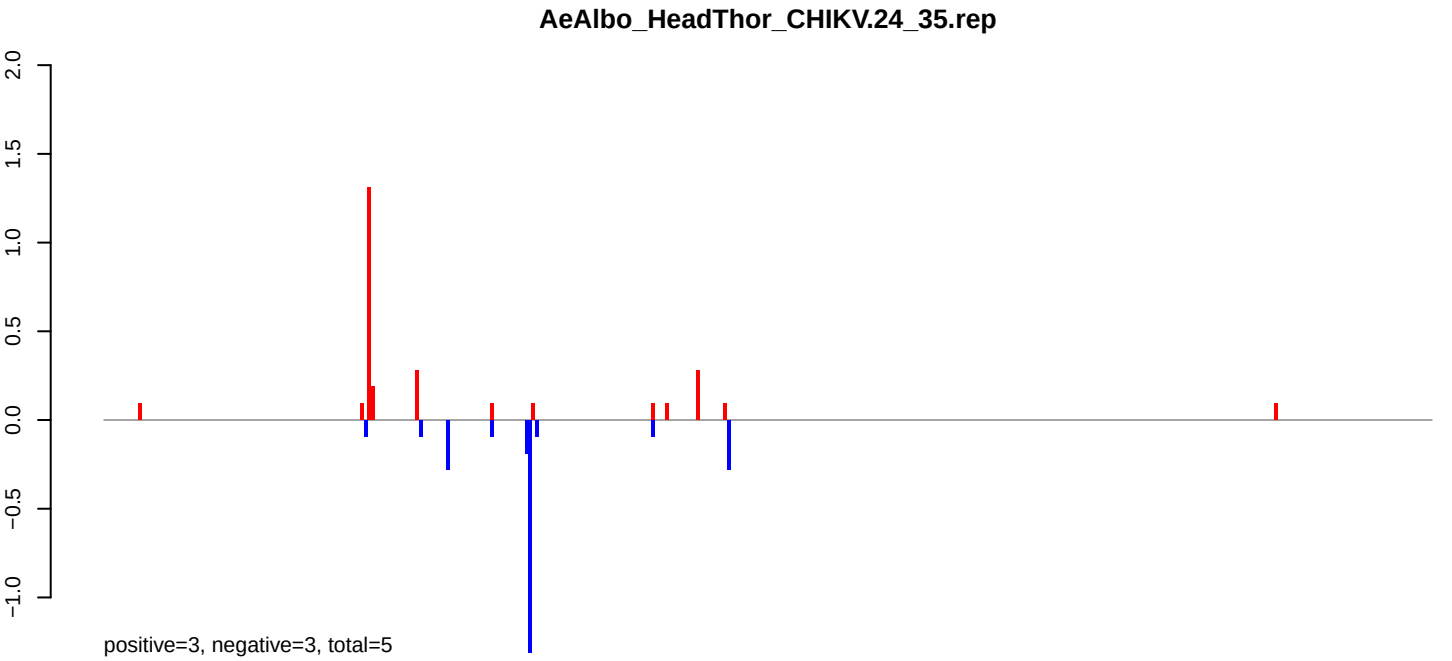

AeAlbo_HeadThor_CHIKV.18_23.rep
0
20
40
60
80
positive=8, negative=6, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
0
20
40
60
80
positive=151, negative=8, total=159
AeAlbo_HeadThor_CHIKV.rep
0
20
40
60
80
positive=159, negative=15, total=174
Window size=25, length=8899, TE@ltr−1_family−3696@LTR_rao:1−8899
0
2000
4000
6000
8000

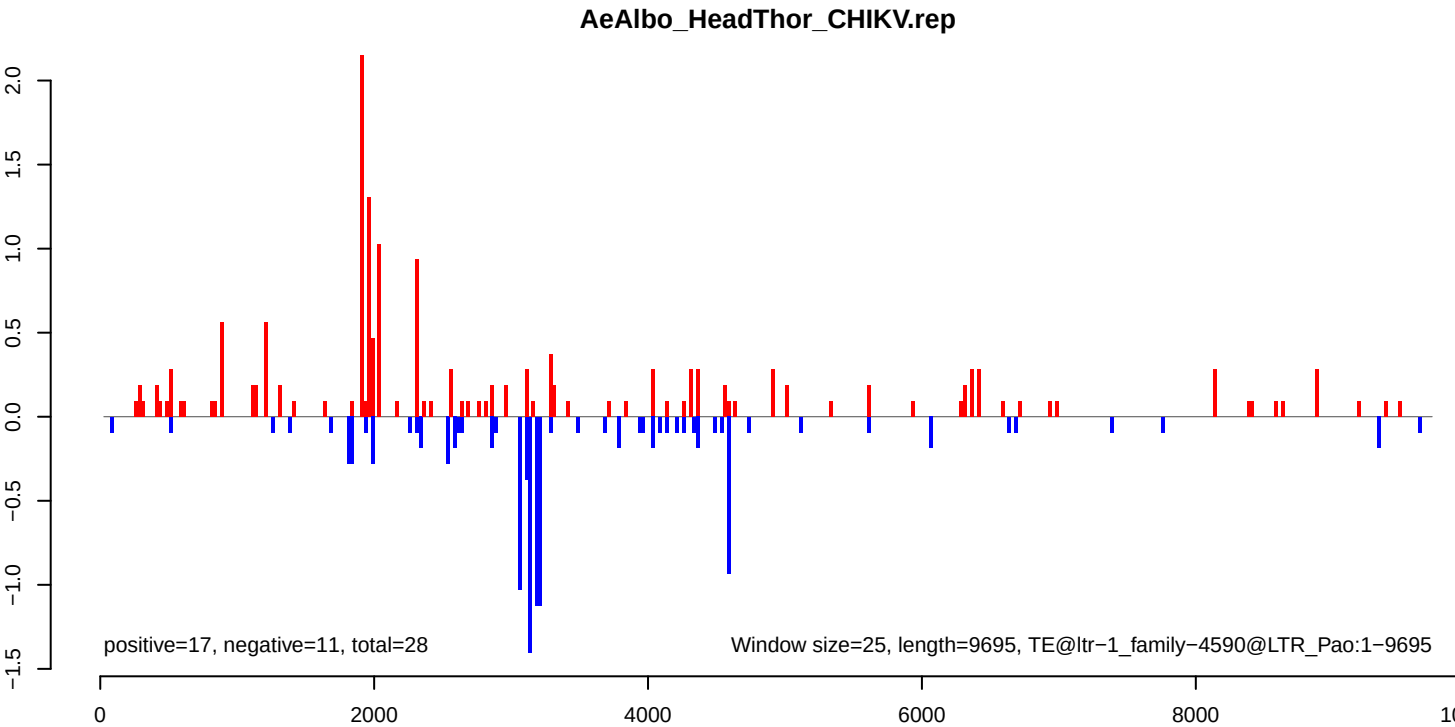

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
−10
positive=109, negative=68, total=177

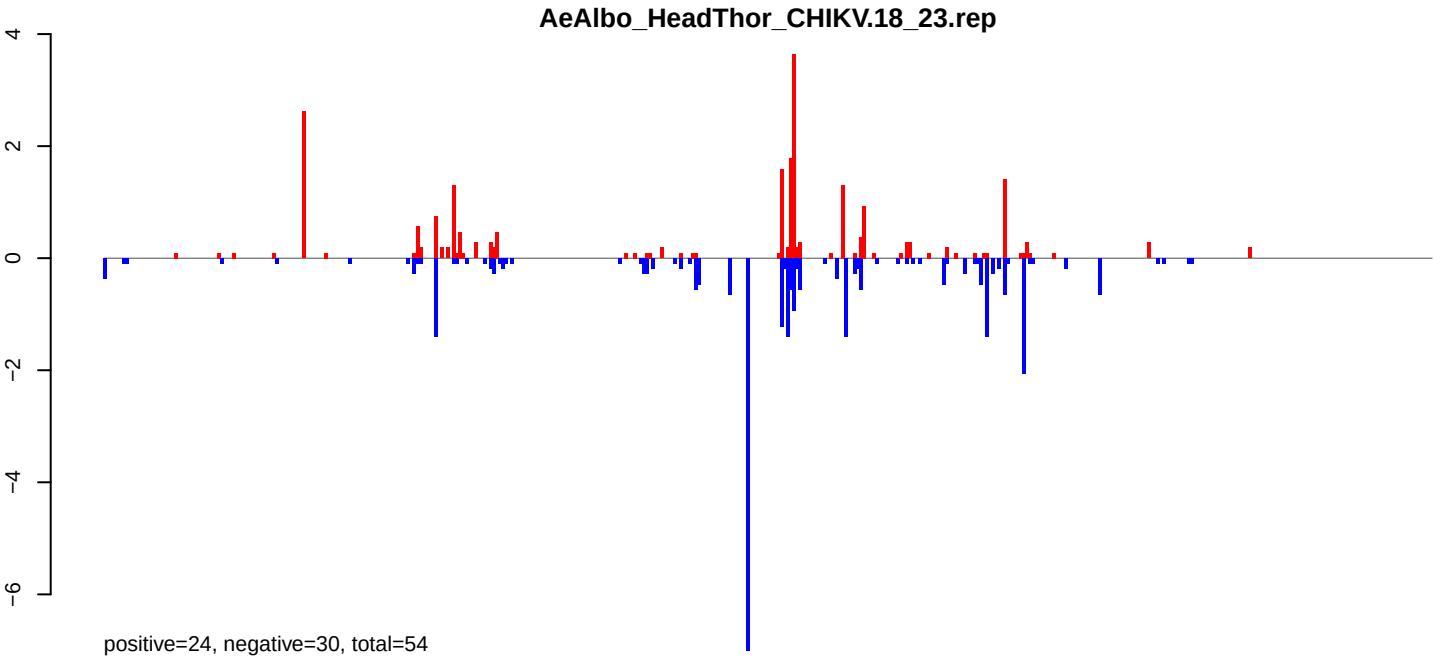

AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
−10
positive=5, negative=33, total=39

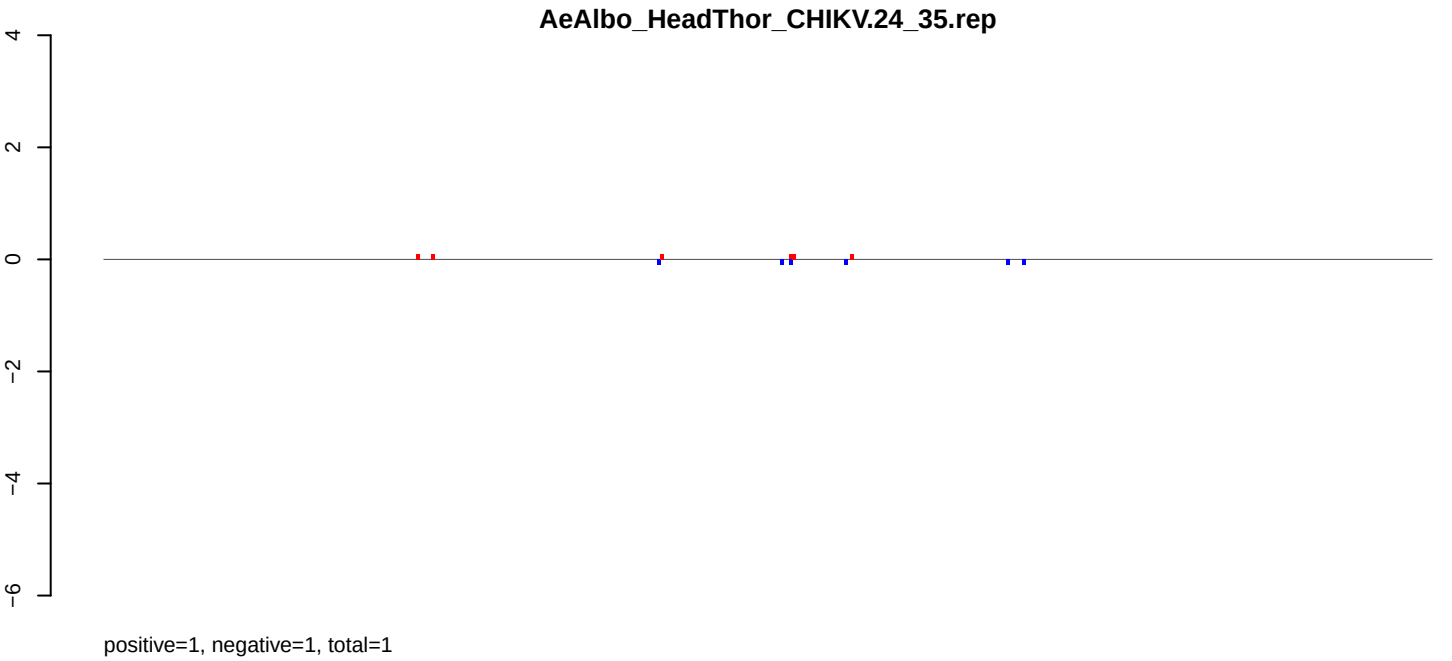

AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
−10
−15
positive=114, negative=102, total=215
Window size=25, length=2819, TE@rnd−1_family−235@LINE_R1:1−2819
0
500
1000
1500
2000
2500

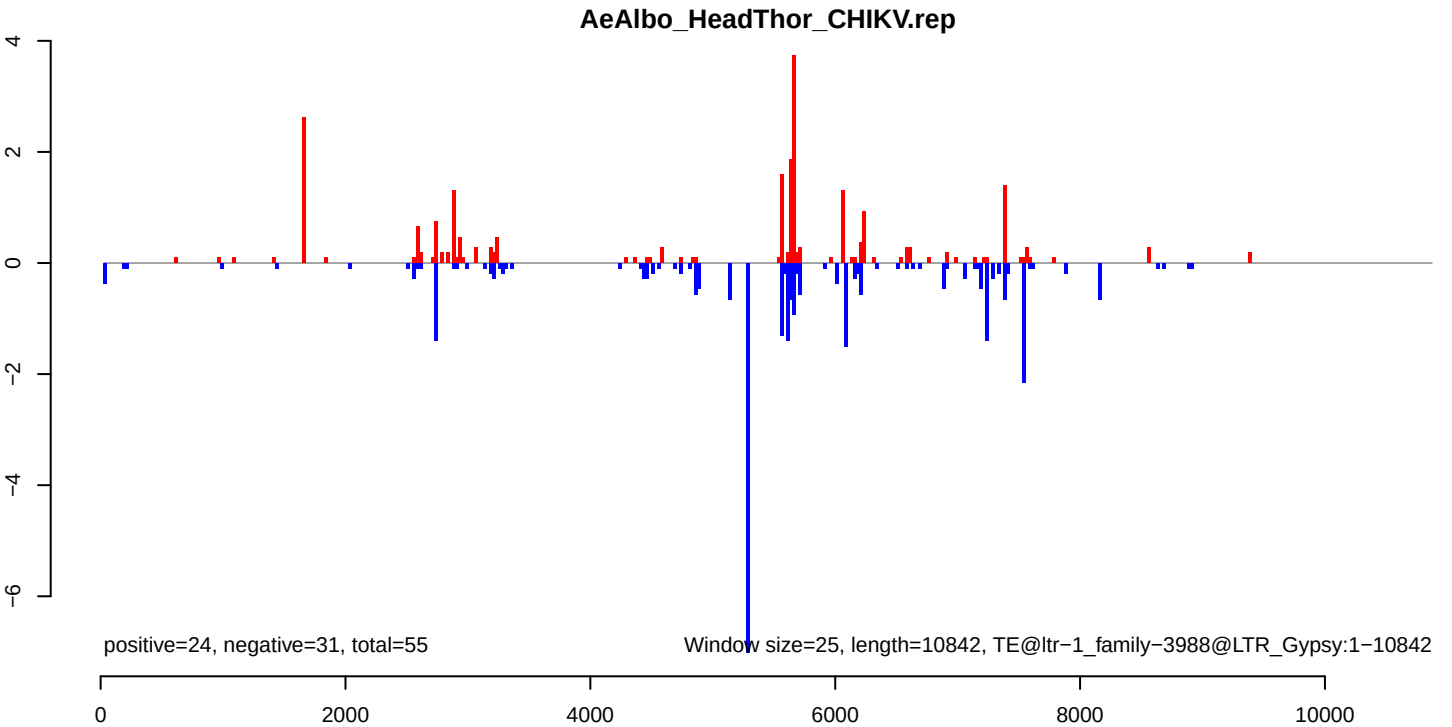

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=14, negative=9, total=23

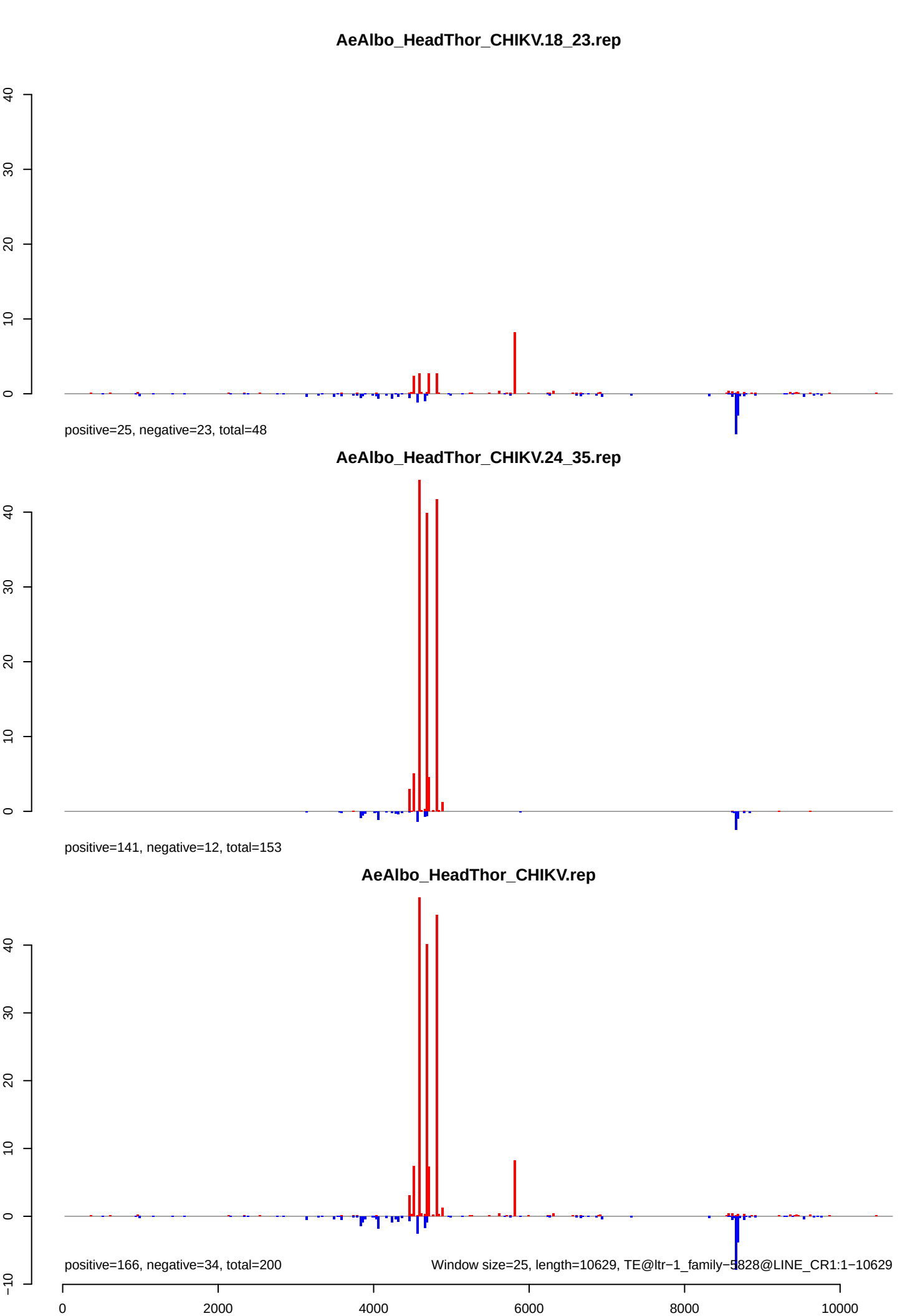

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=5

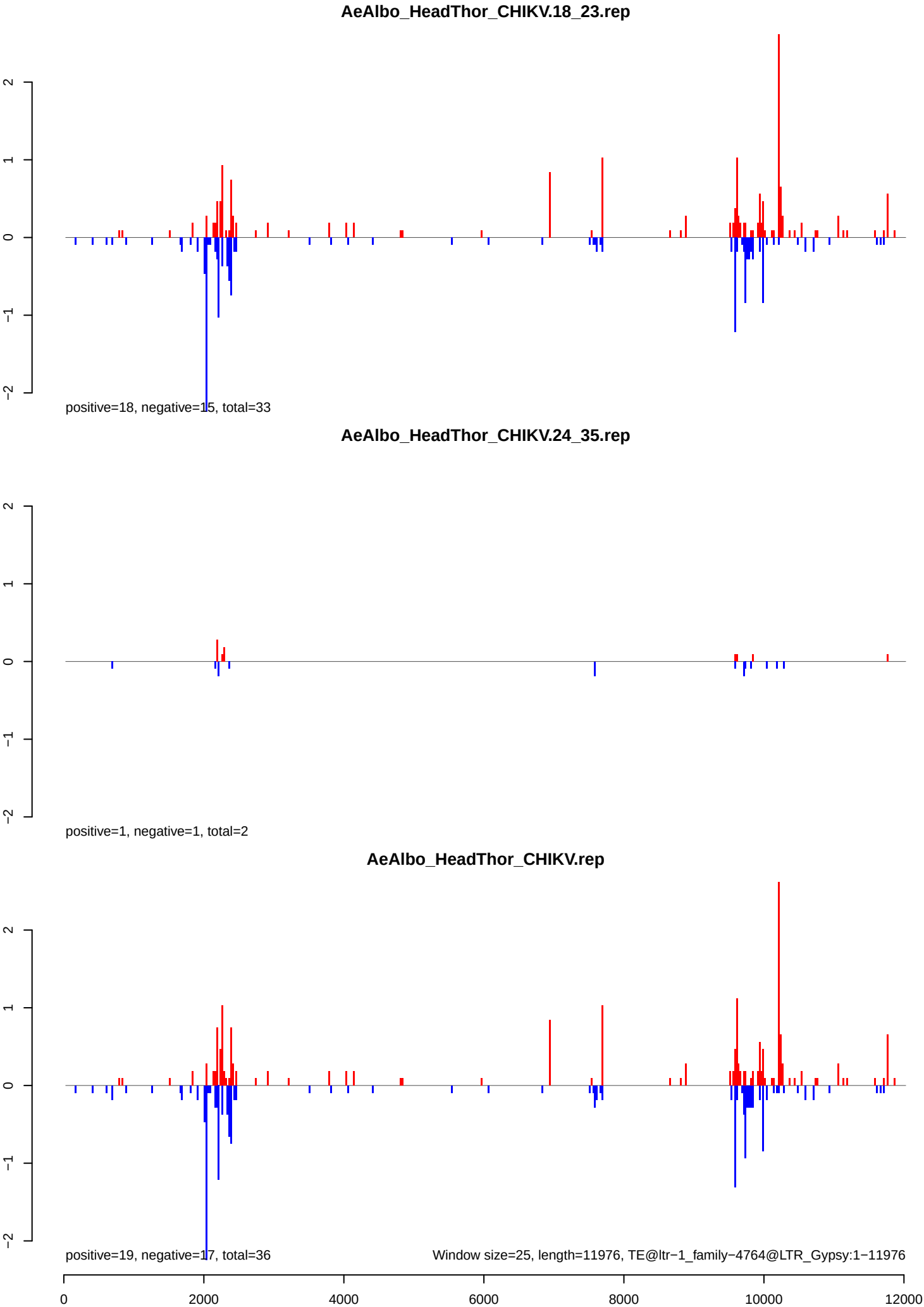

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=17, negative=11, total=28
Window size=25, length=9695, TE@ltr−1_family−4590@LTR_Pao:1−9695
0
2000
4000
6000
8000
10000

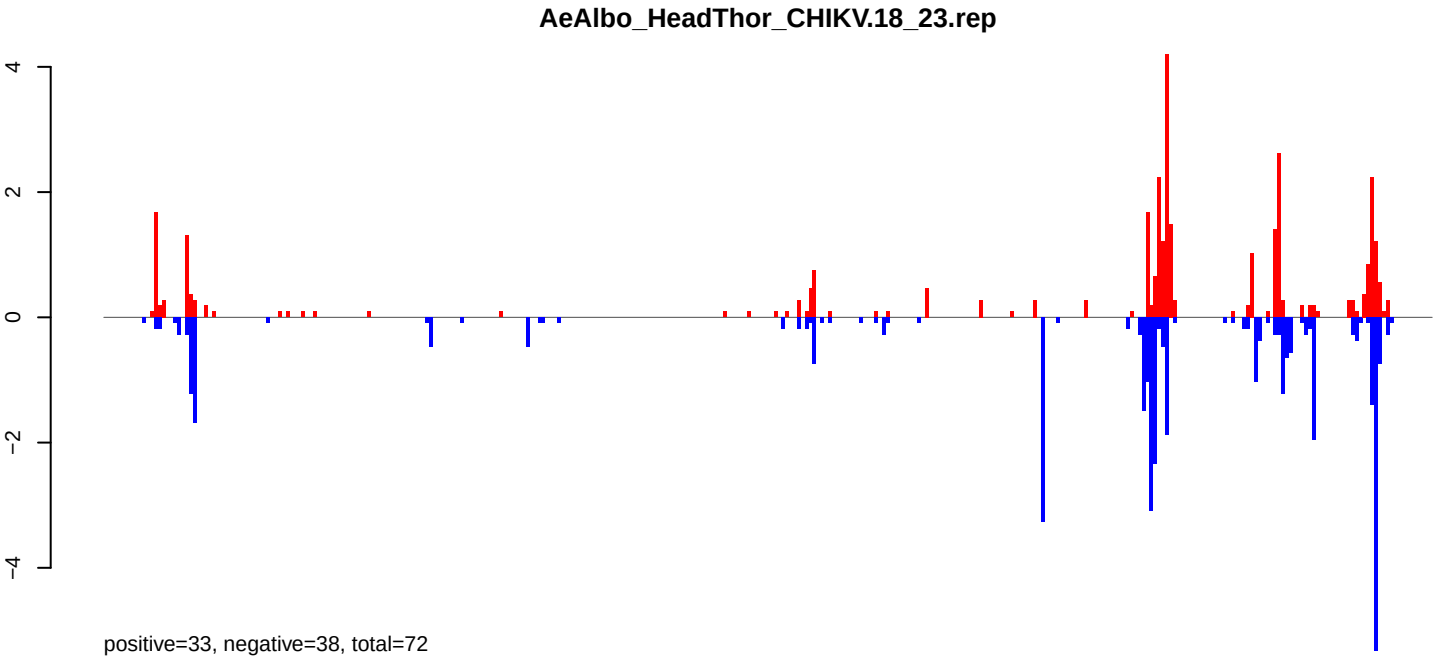

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
−4
−6
positive=24, negative=30, total=54

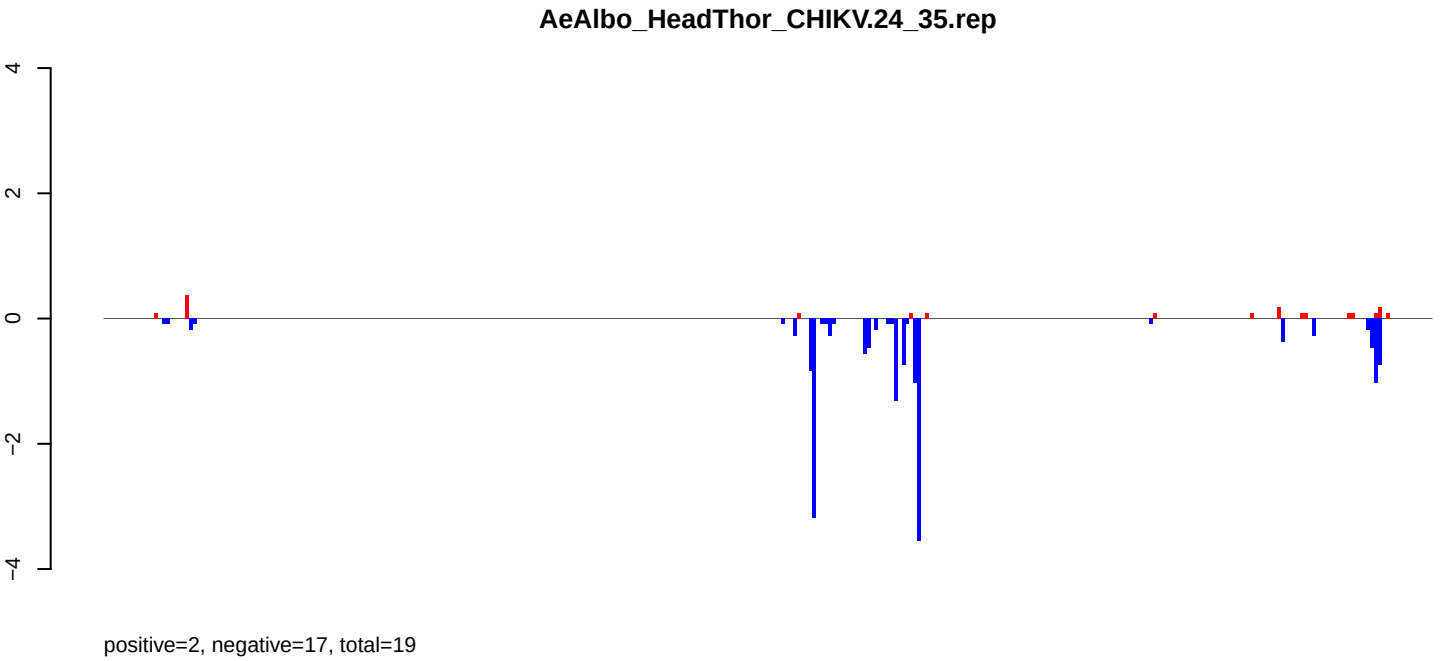

AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
−4
−6
positive=1, negative=1, total=1

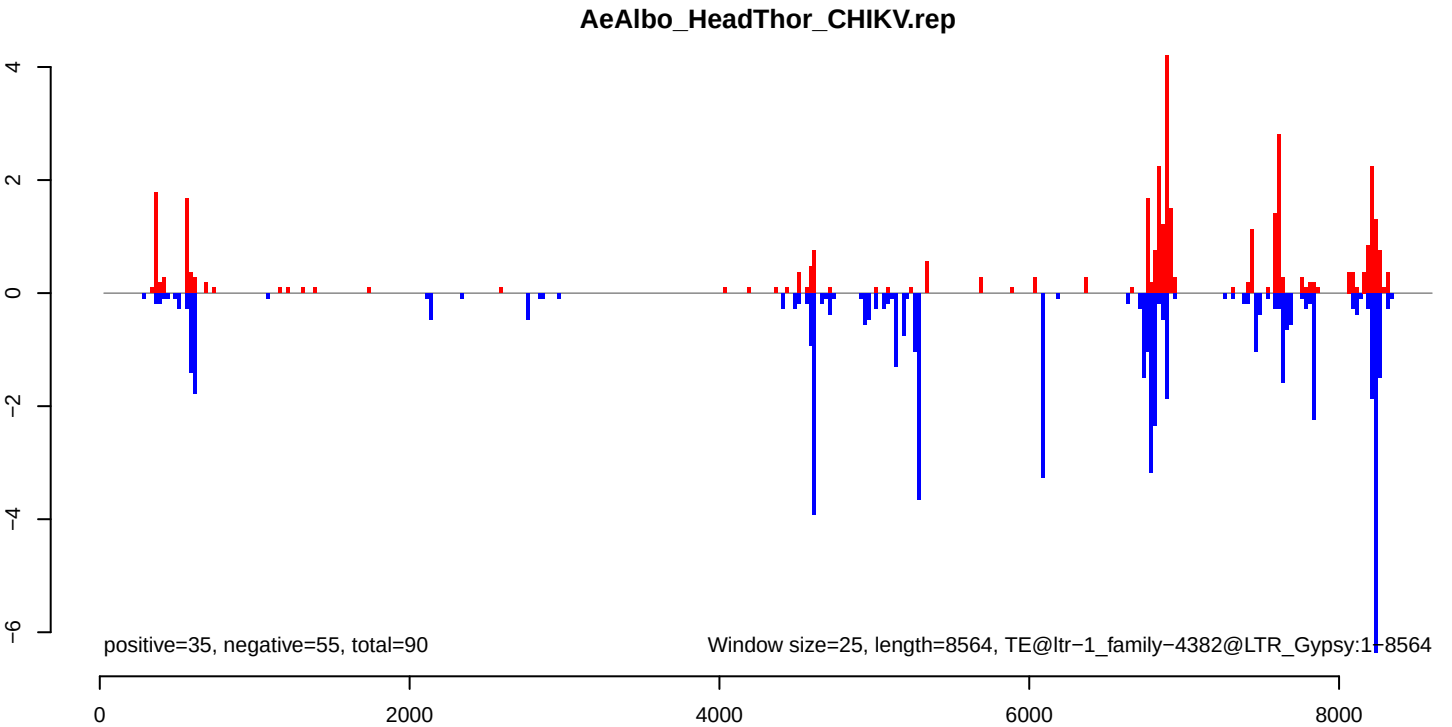

AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
−4
−6
positive=24, negative=31, total=55
Window size=25, length=10842, TE@ltr−1_family−3988@LTR_Gypsy:1−10842
0
2000
4000
6000
8000
10000

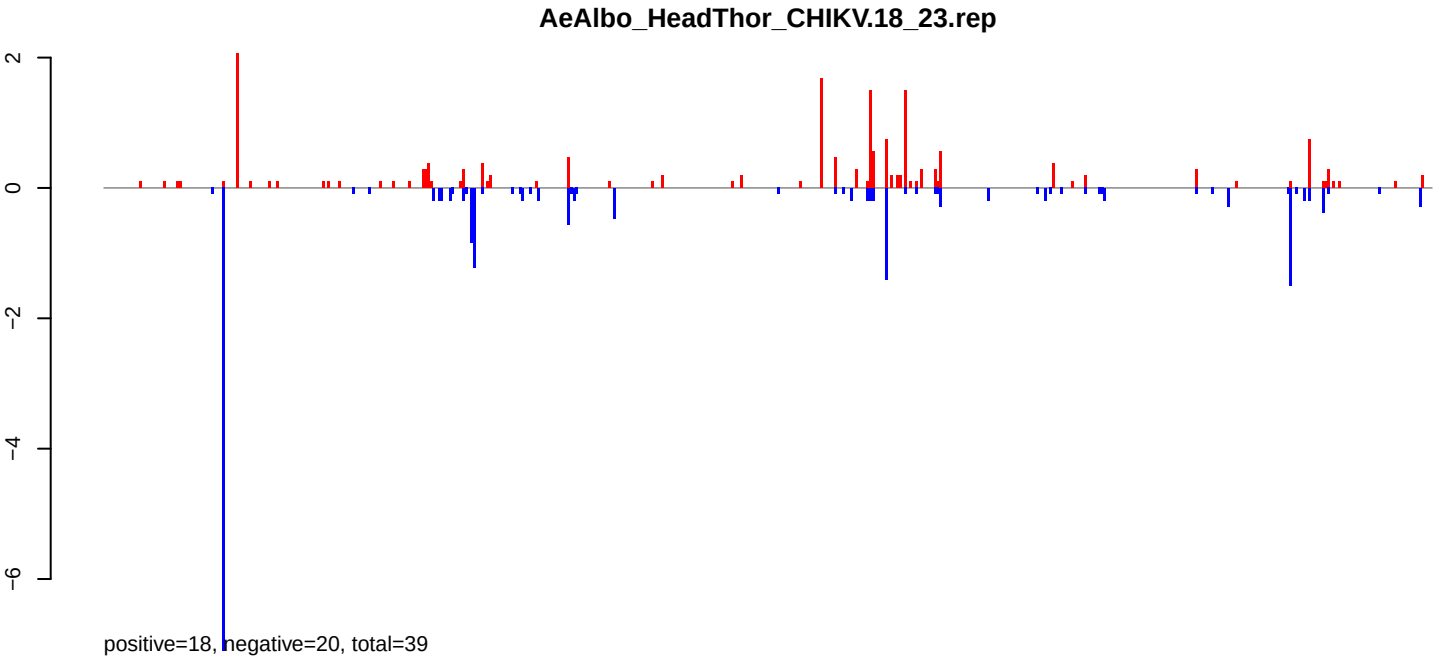

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=25, negative=23, total=48
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=141, negative=12, total=153
AeAlbo_HeadThor_CHIKV.rep
positive=166, negative=34, total=200
Window size=25, length=10629, TE@ltr−1_family−5828@LINE_CR1:1−10629
0
2000
4000
6000
8000
10000
−10
0
10
20
30
40

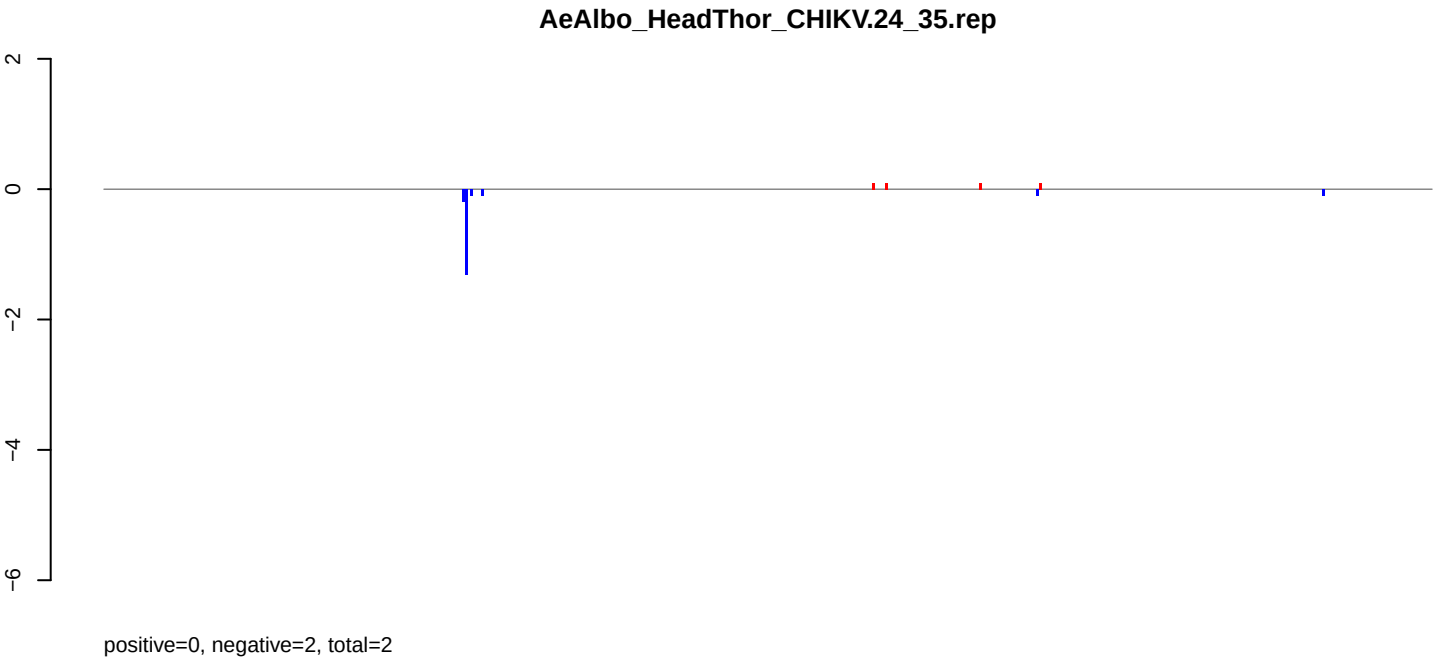

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=18, negative=15, total=33
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=17, total=36
Window size=25, length=11976, TE@ltr−1_family−4764@LTR_Gypsy:1−11976
0
2000
4000
6000
8000
10000
12000

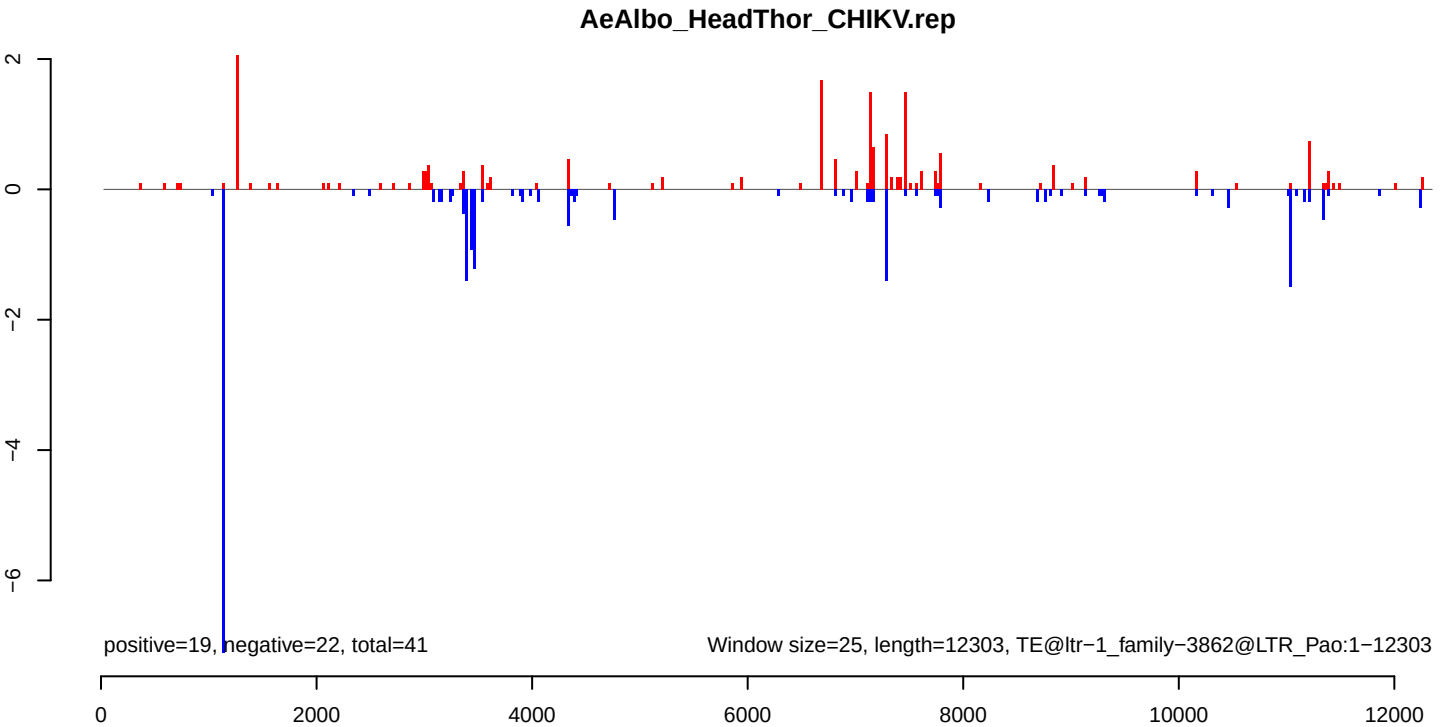

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
−4
positive=33, negative=38, total=72

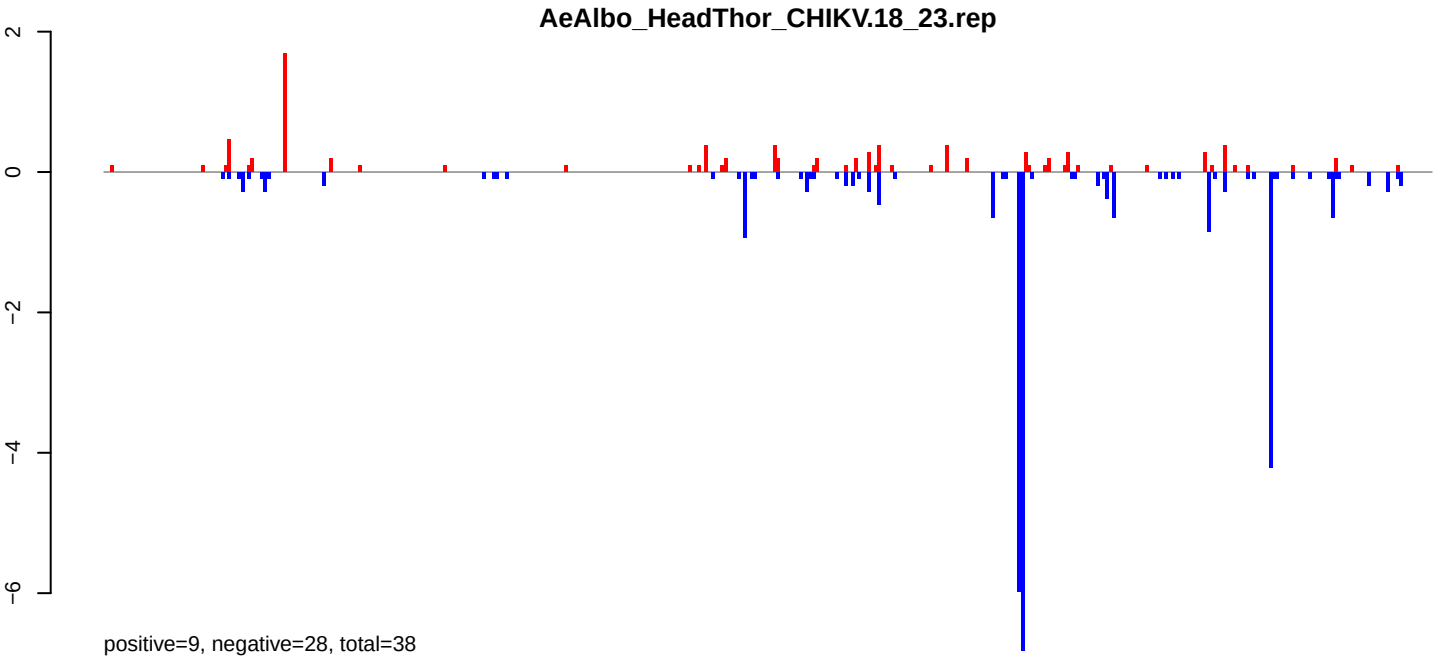

AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
−4
positive=2, negative=17, total=19

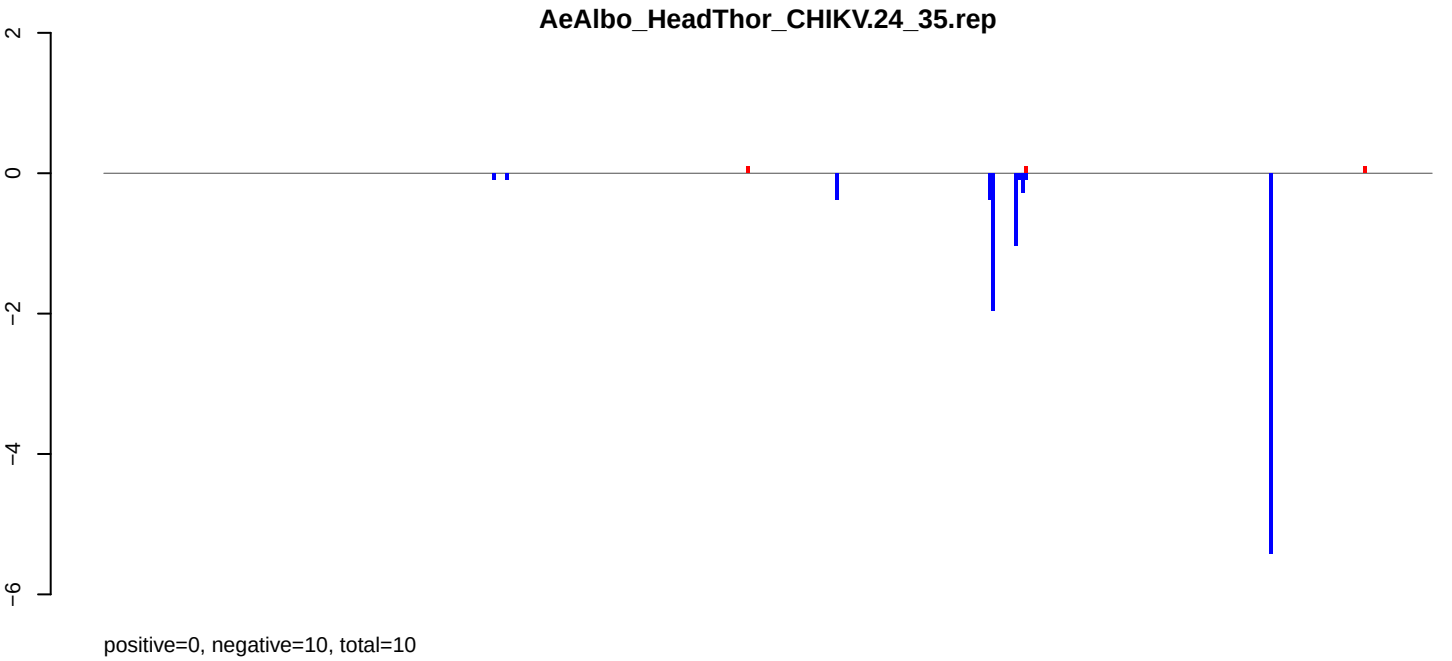

AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
−4
−6
positive=35, negative=55, total=90
Window size=25, length=8564, TE@ltr−1_family−4382@LTR_Gypsy:1−8564
0
2000
4000
6000
8000

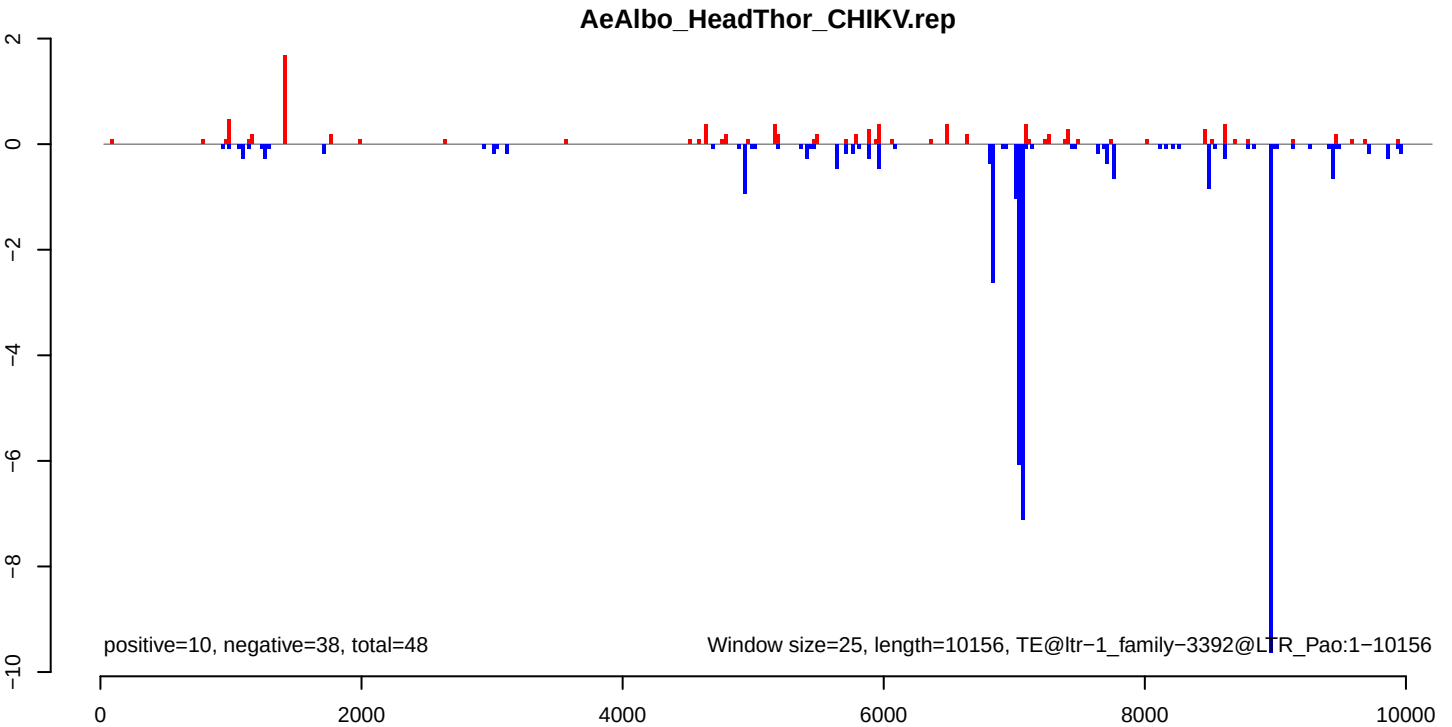

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
−6
positive=18, negative=20, total=39

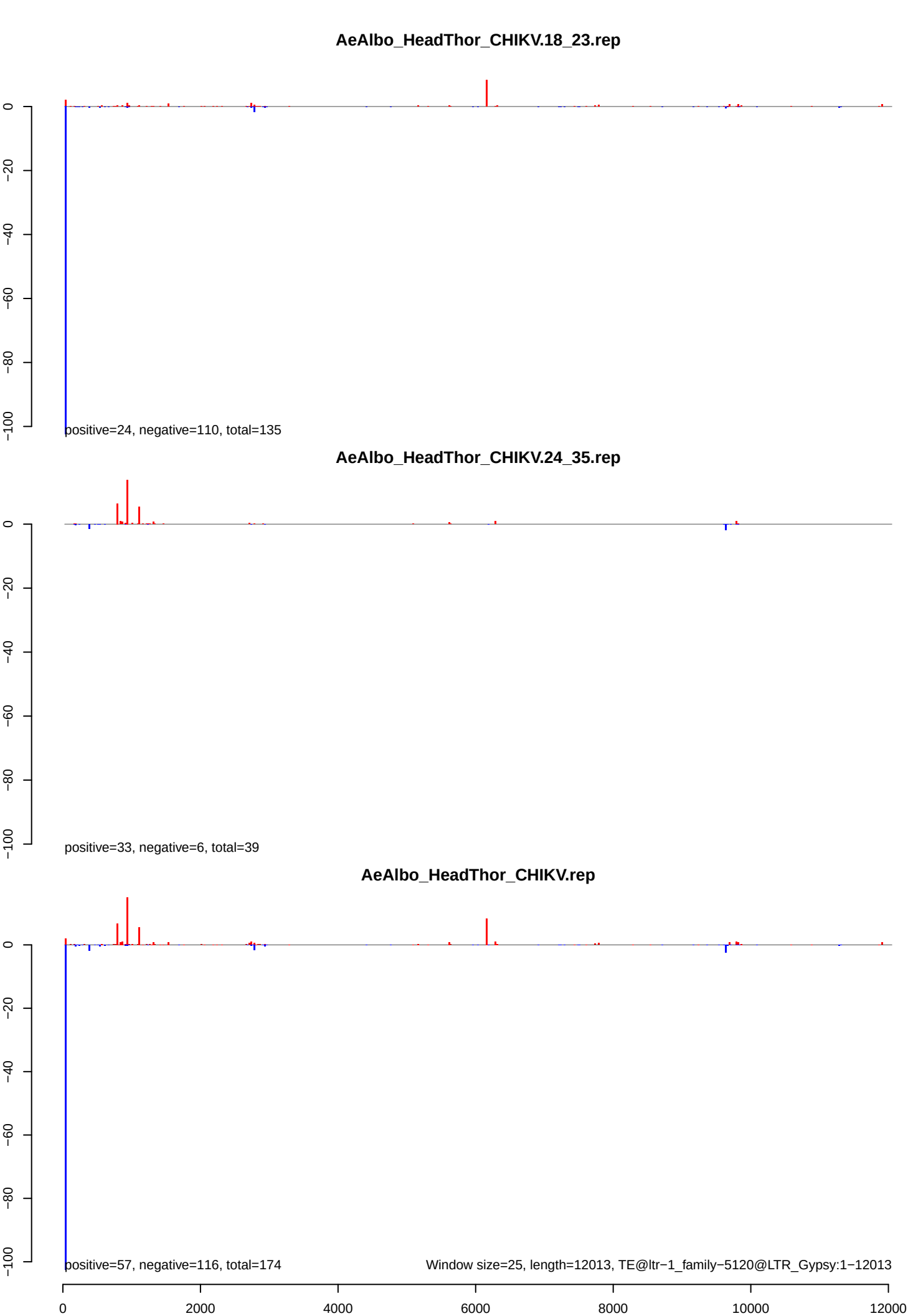

AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
−6
positive=0, negative=2, total=2

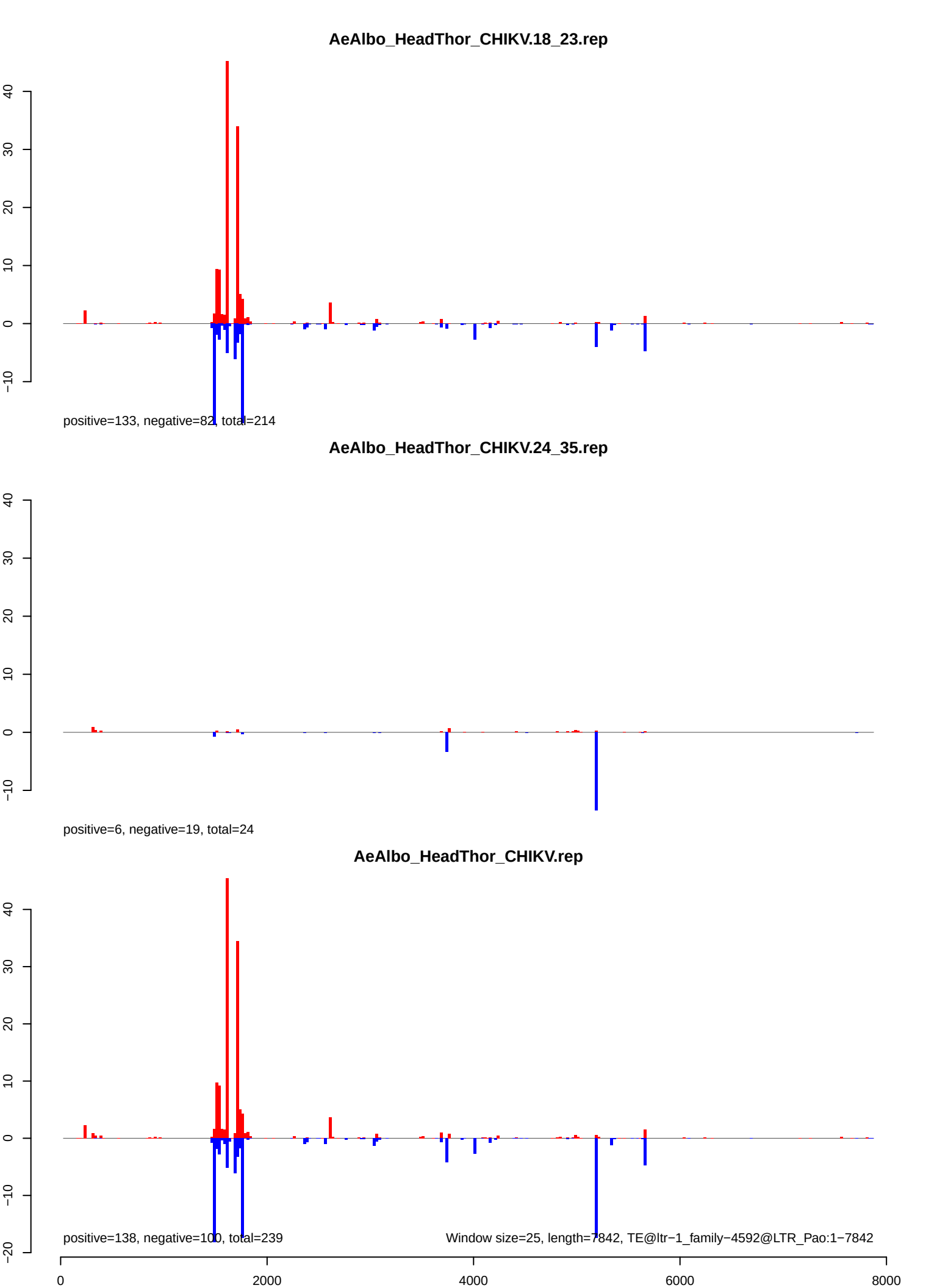

AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
−6
positive=19, negative=22, total=41
Window size=25, length=12303, TE@ltr−1_family−3862@LTR_Pao:1−12303
0
2000
4000
6000
8000
10000
12000

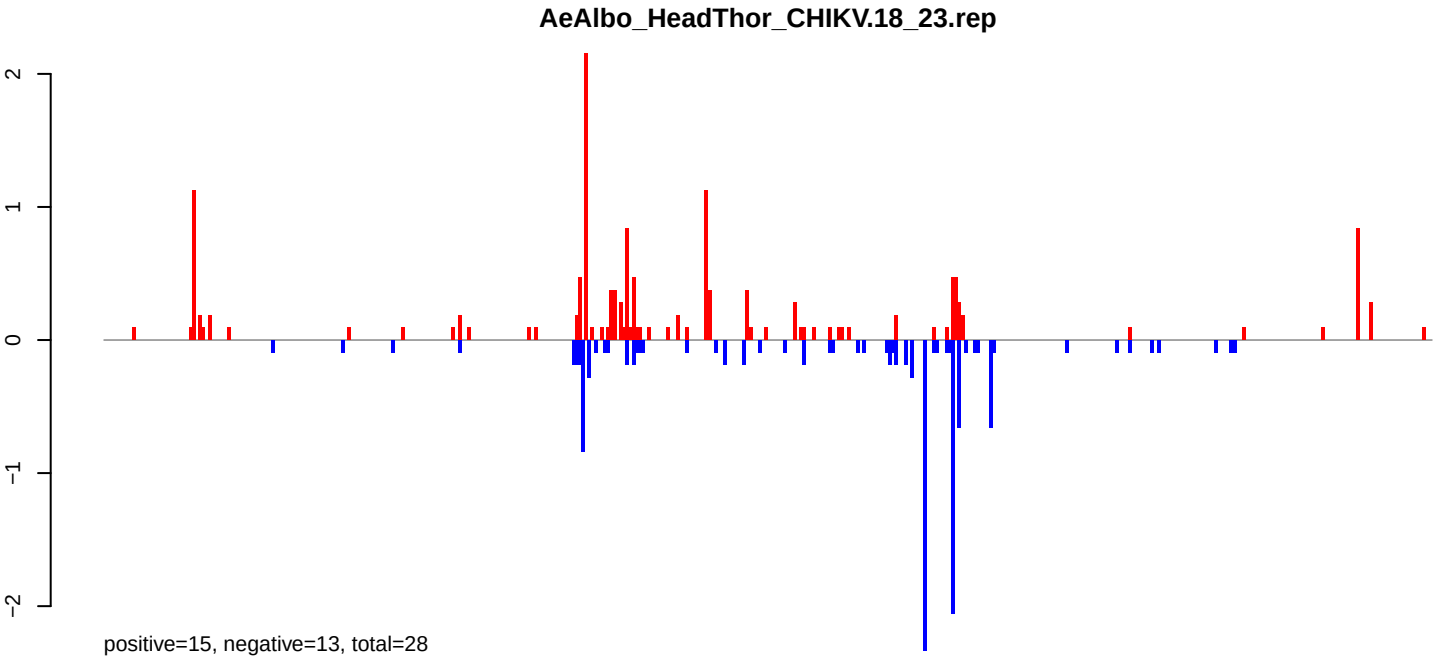

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
−6
positive=9, negative=28, total=38

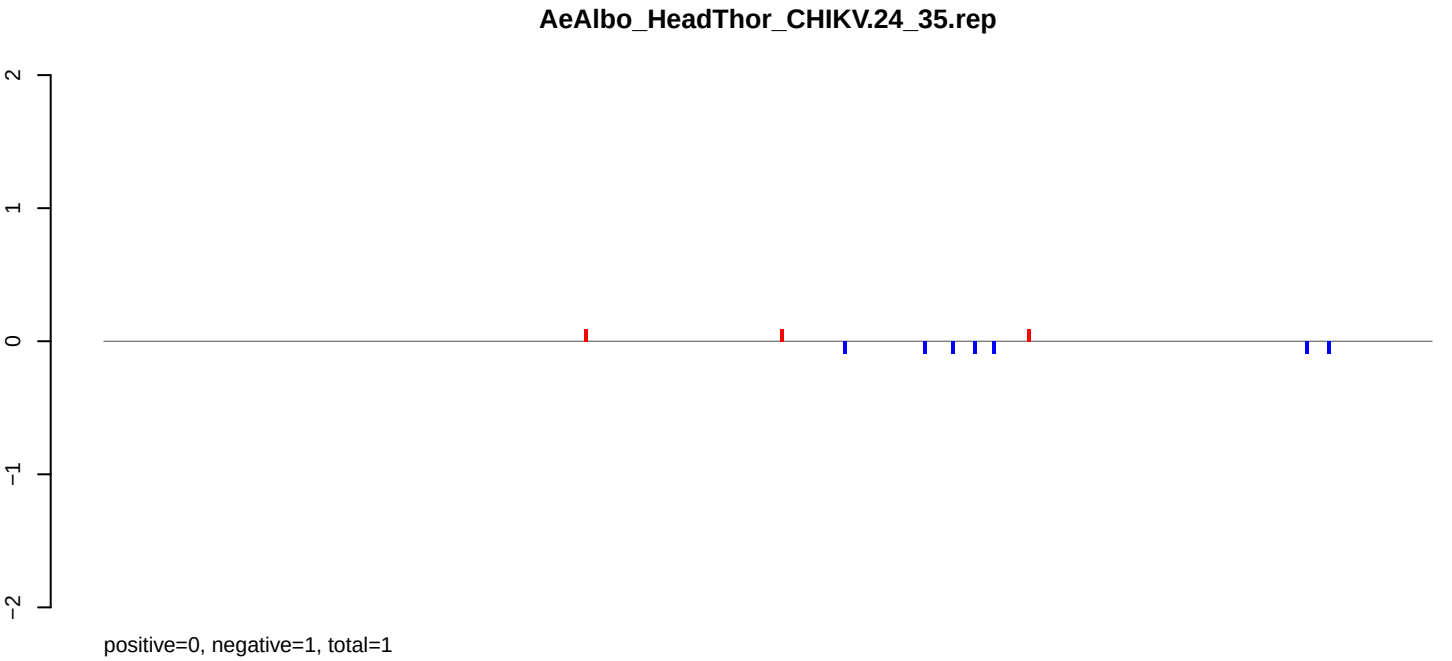

AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
−6
positive=0, negative=10, total=10

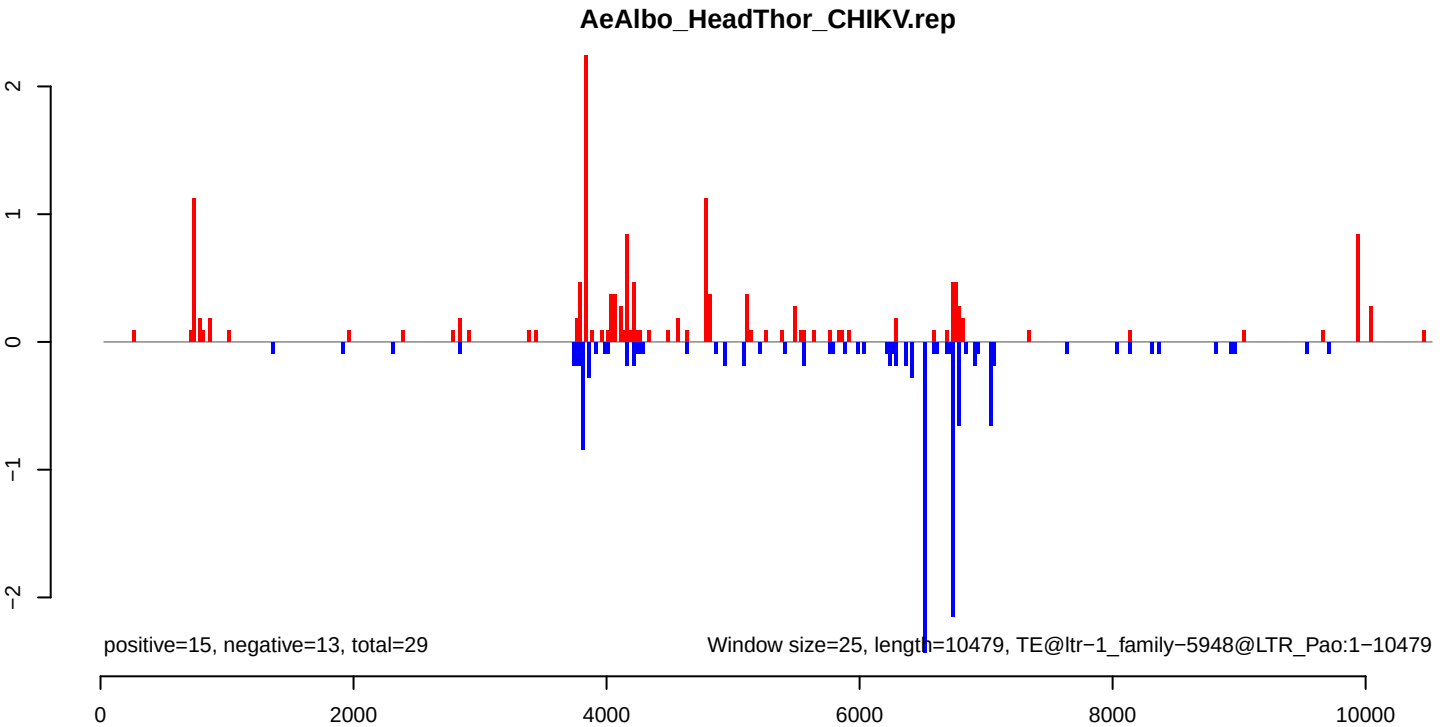

AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
−6
−8
−10
positive=10, negative=38, total=48
Window size=25, length=10156, TE@ltr−1_family−3392@LTR_Pao:1−10156
0
2000
4000
6000
8000
10000

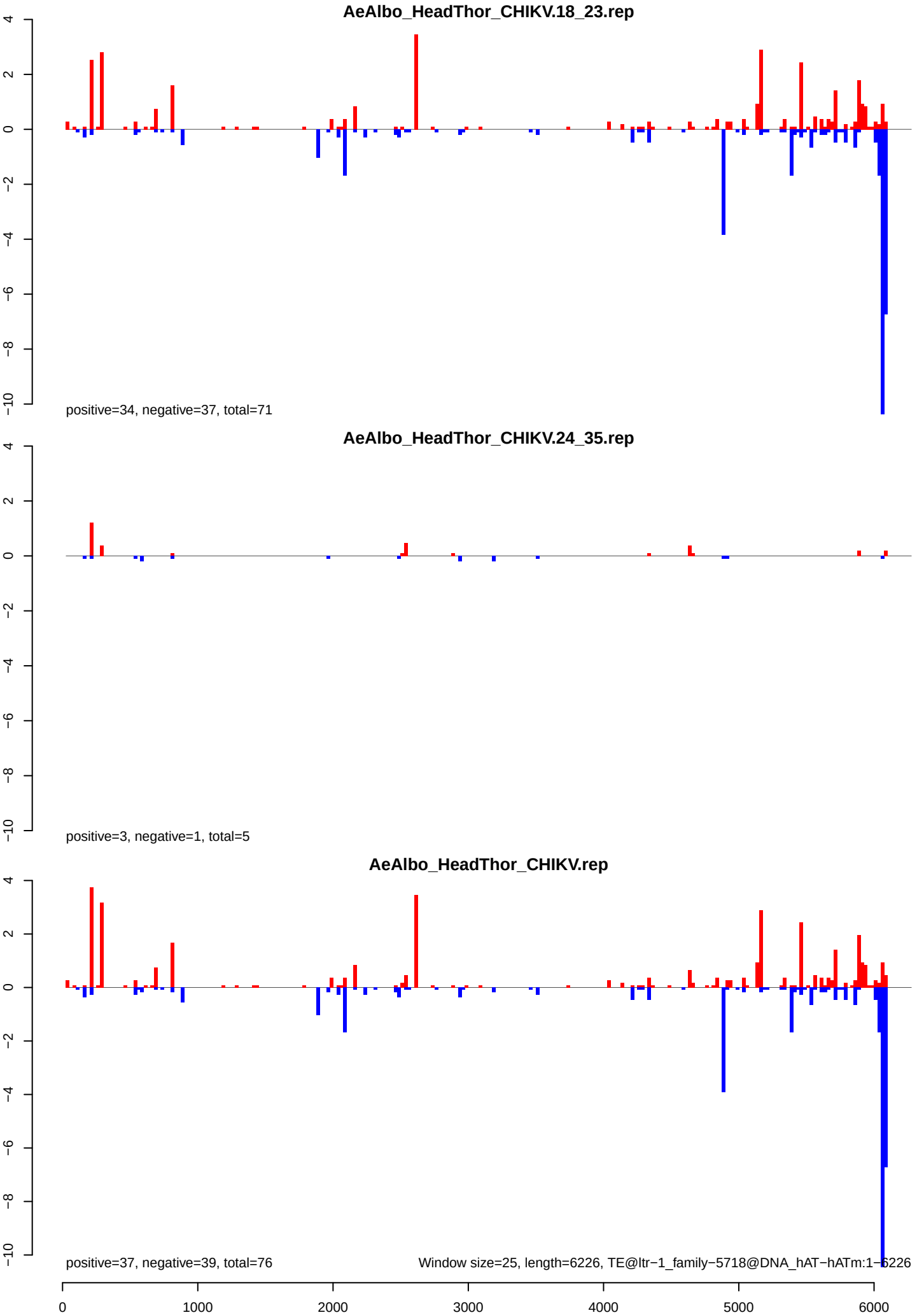

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=24, negative=110, total=135
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=33, negative=6, total=39
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=57, negative=116, total=174
Window size=25, length=12013, TE@ltr−1_family−5120@LTR_Gypsy:1−12013
0
2000
4000
6000
8000
10000
12000

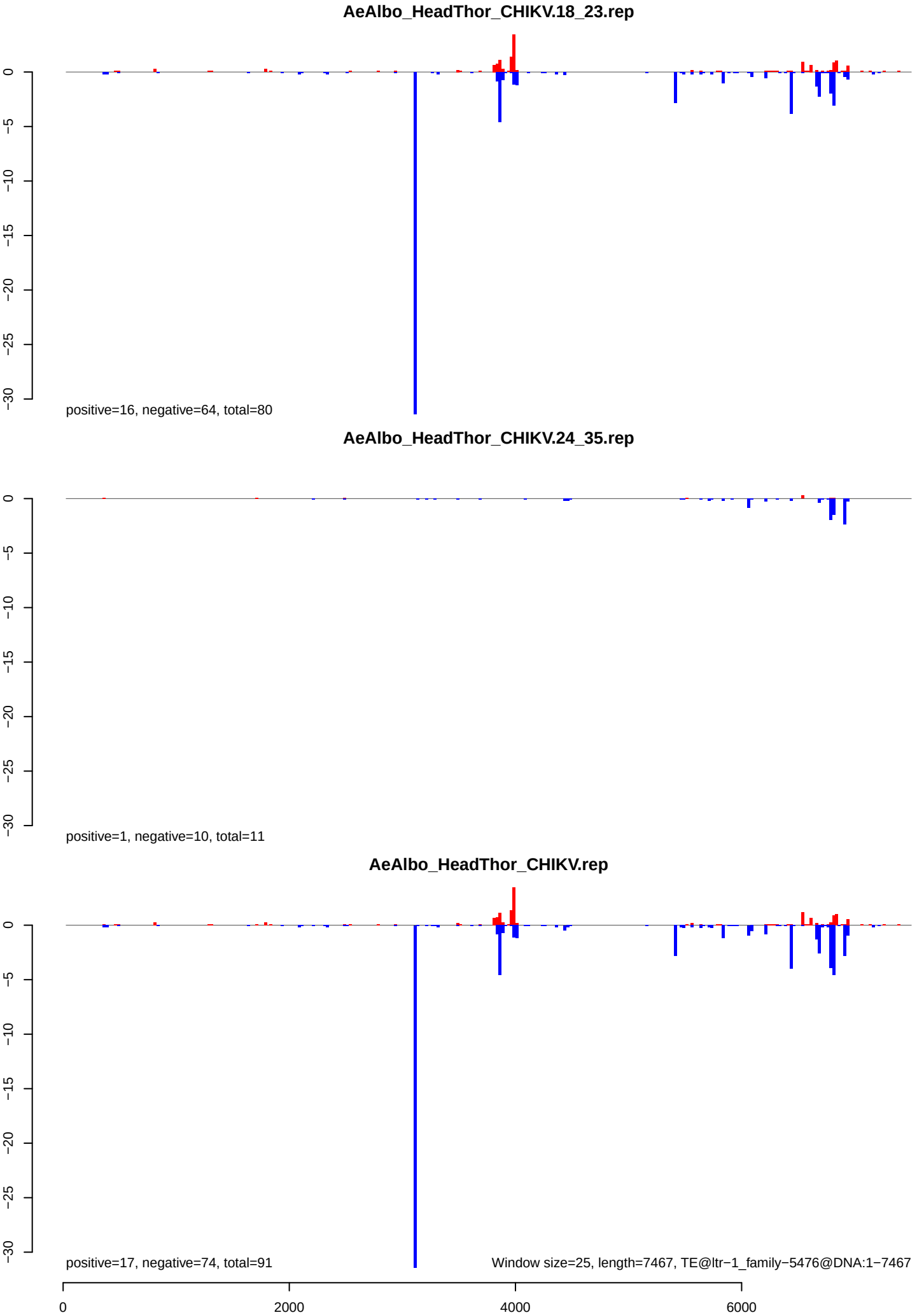

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=133, negative=82, total=214
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=6, negative=19, total=24
AeAlbo_HeadThor_CHIKV.rep
positive=138, negative=100, total=239
Window size=25, length=7842, TE@ltr−1_family−4592@LTR_Pao:1−7842
0
2000
4000
6000
8000

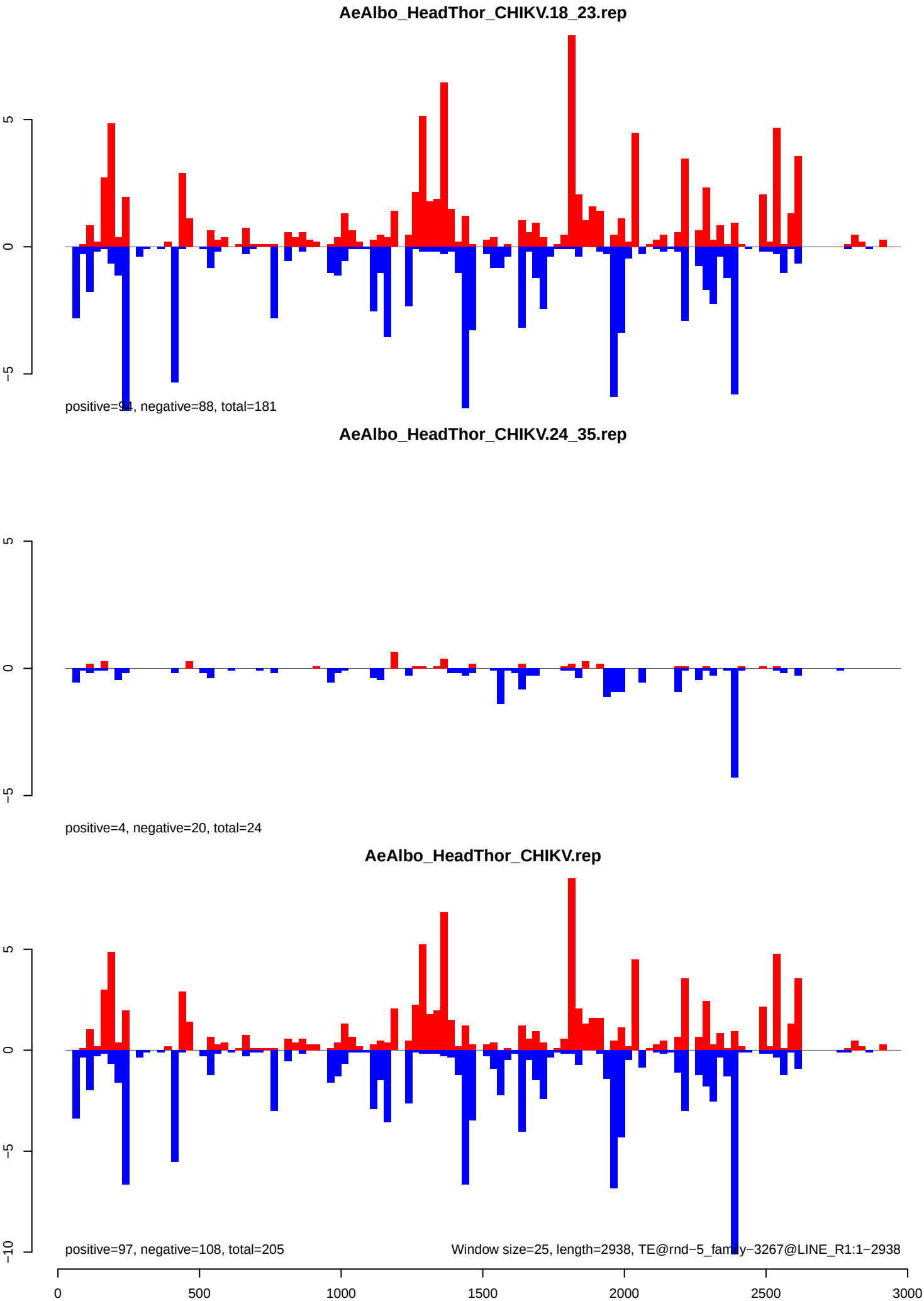

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
positive=15, negative=13, total=28

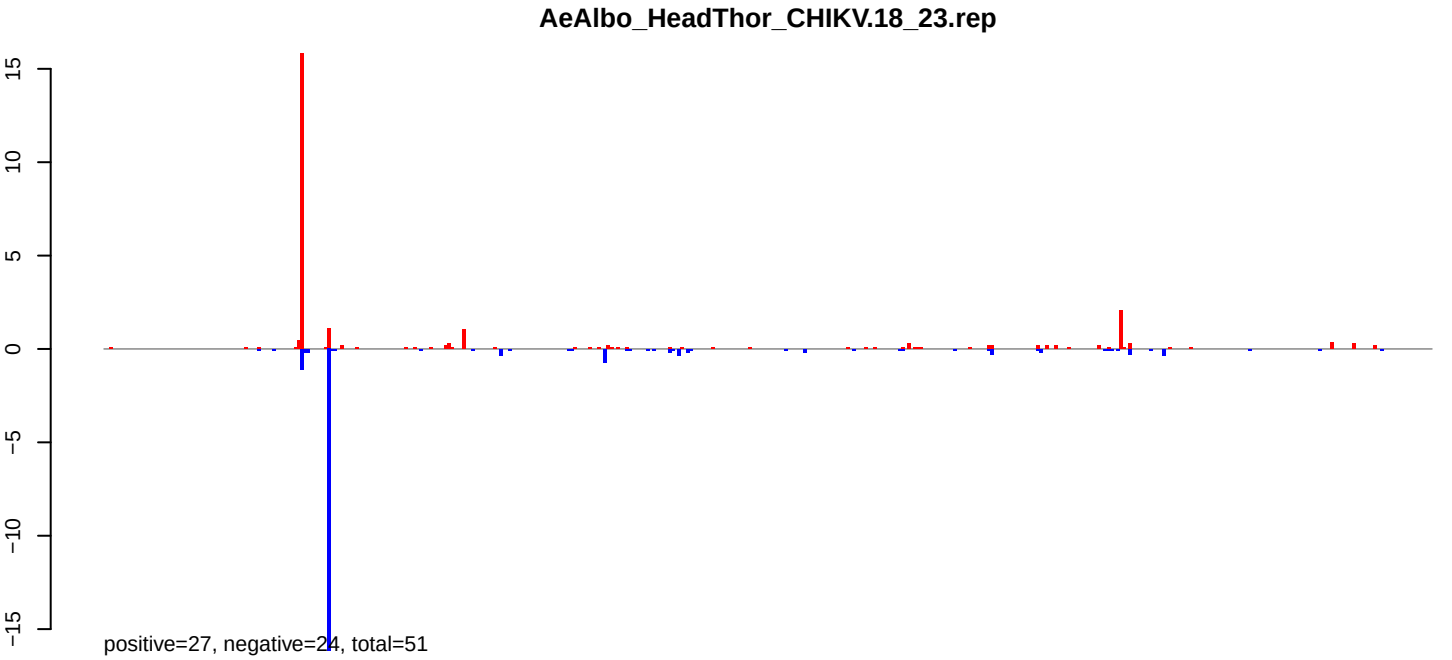

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
positive=0, negative=1, total=1

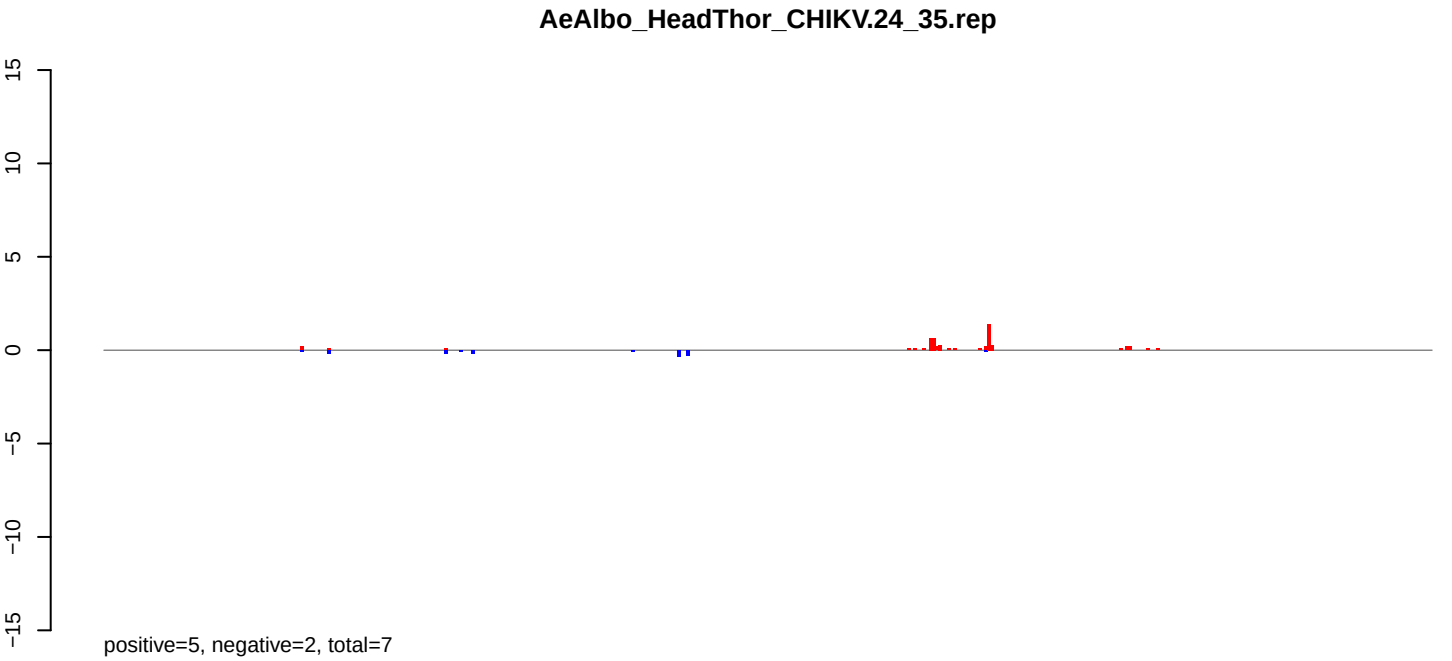

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
positive=15, negative=13, total=29
Window size=25, length=10479, TE@ltr−1_family−5948@LTR_Pao:1−10479
0
2000
4000
6000
8000
10000

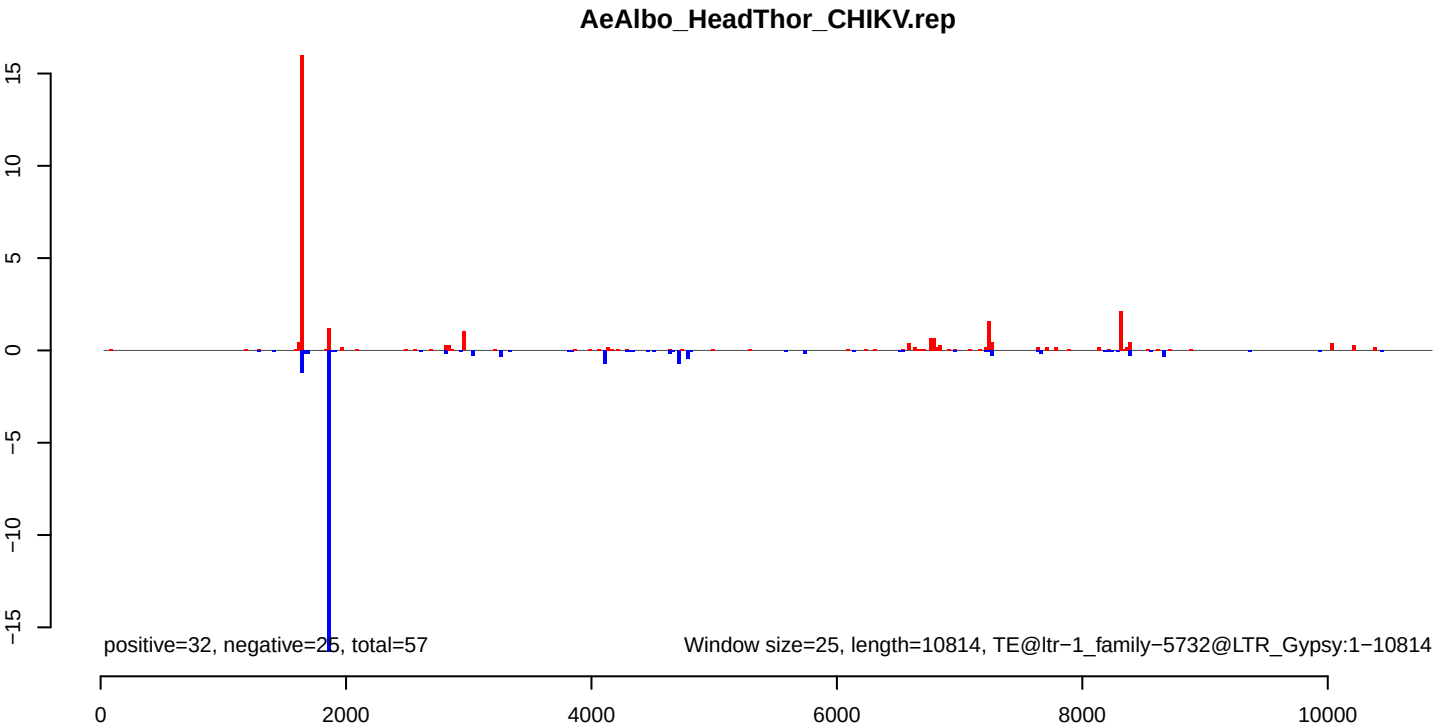

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=34, negative=37, total=71
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=1, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=37, negative=39, total=76
Window size=25, length=6226, TE@ltr−1_family−5718@DNA_hAT−hATm:1−6226
4
2
0
−2
−4
−6
−8
−10
0
1000
2000
3000
4000
5000
6000

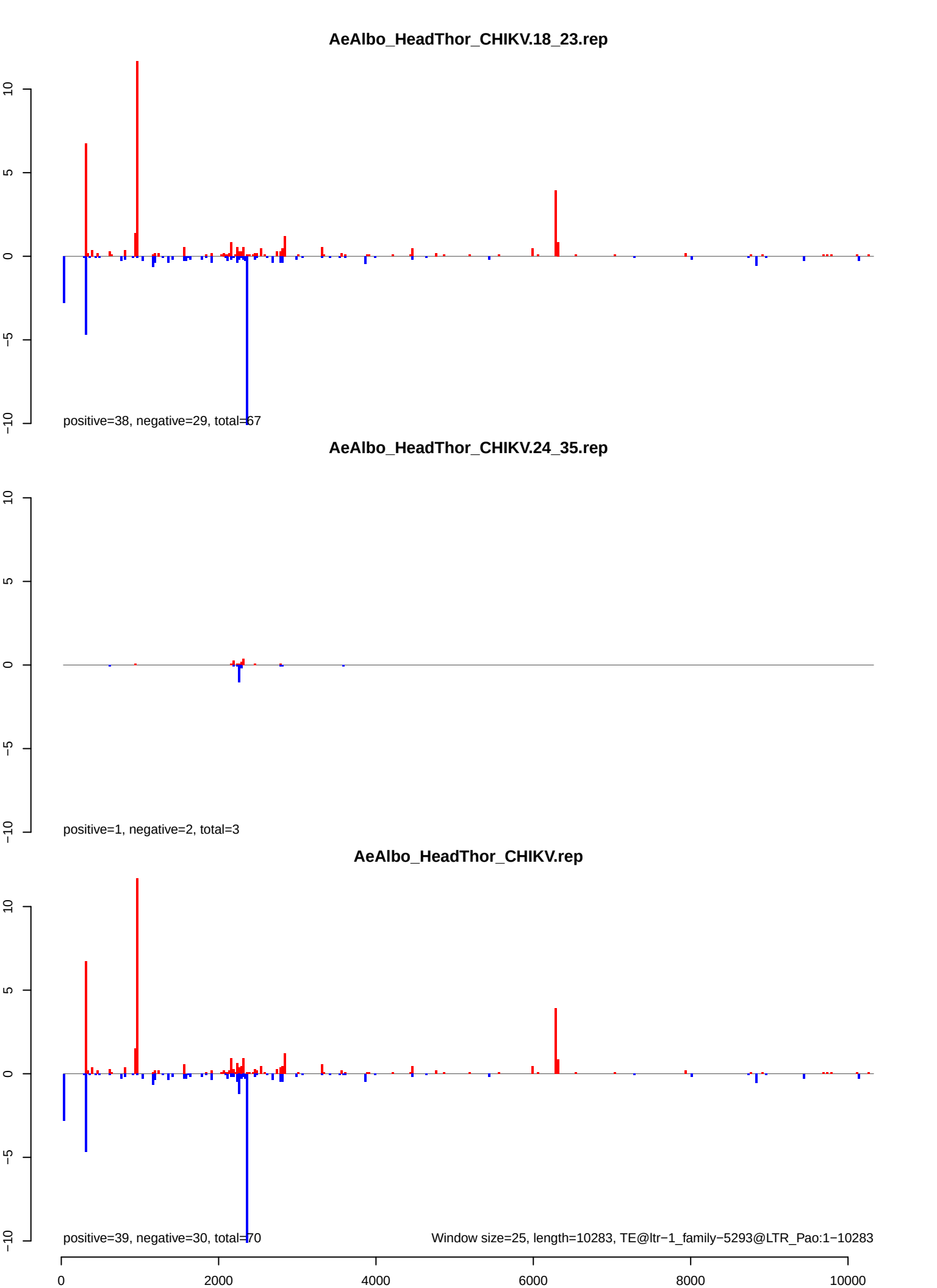

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=16, negative=64, total=80
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=1, negative=10, total=11
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=17, negative=74, total=91
Window size=25, length=7467, TE@ltr−1_family−5476@DNA:1−7467
0
2000
4000
6000

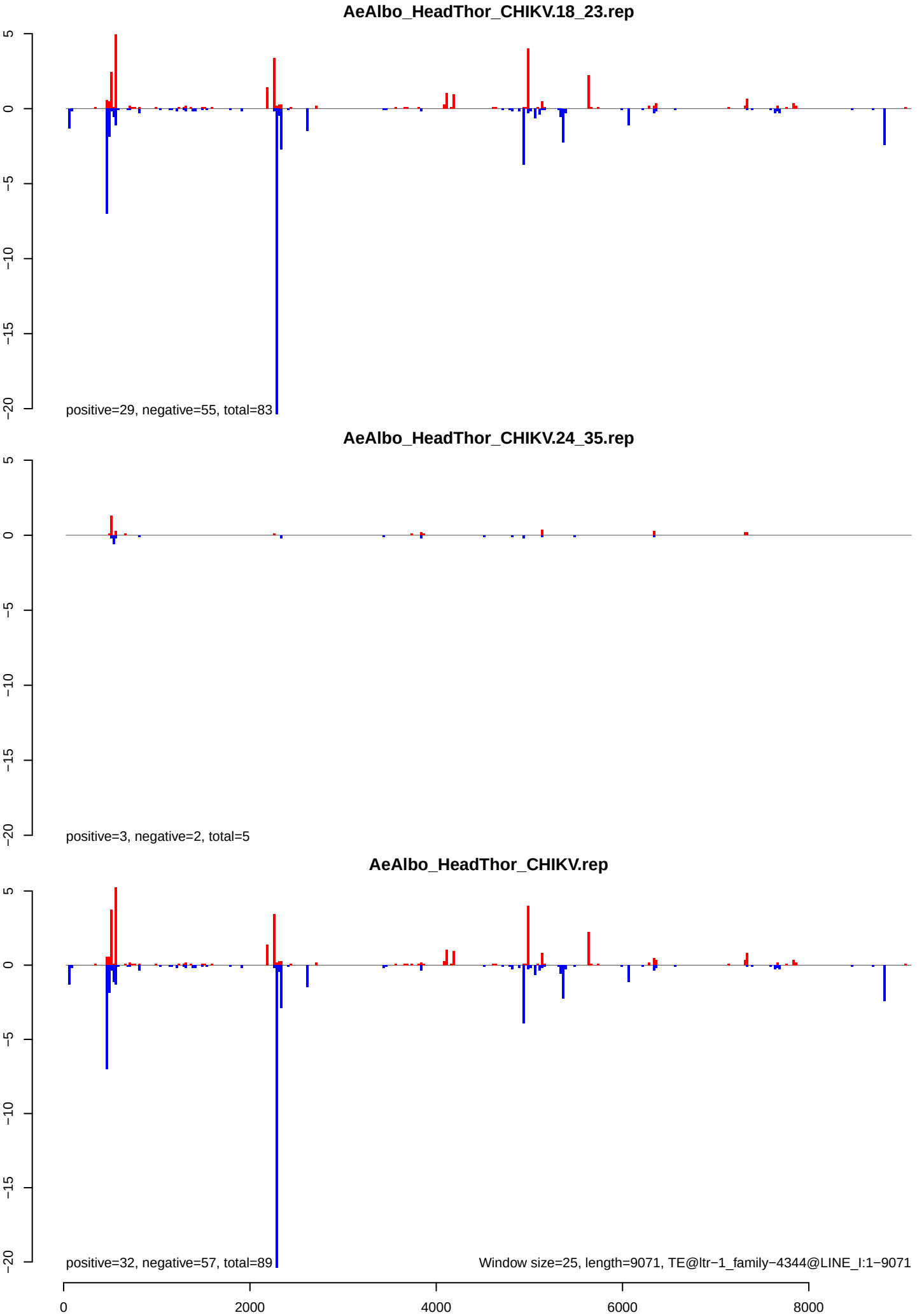

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=94, negative=88, total=181
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=20, total=24
AeAlbo_HeadThor_CHIKV.rep
positive=97, negative=108, total=205
Window size=25, length=2938, TE@rnd−5_family−3267@LINE_R1:1−2938
5
0
−5
−10
0
500
1000
1500
2000
2500
3000

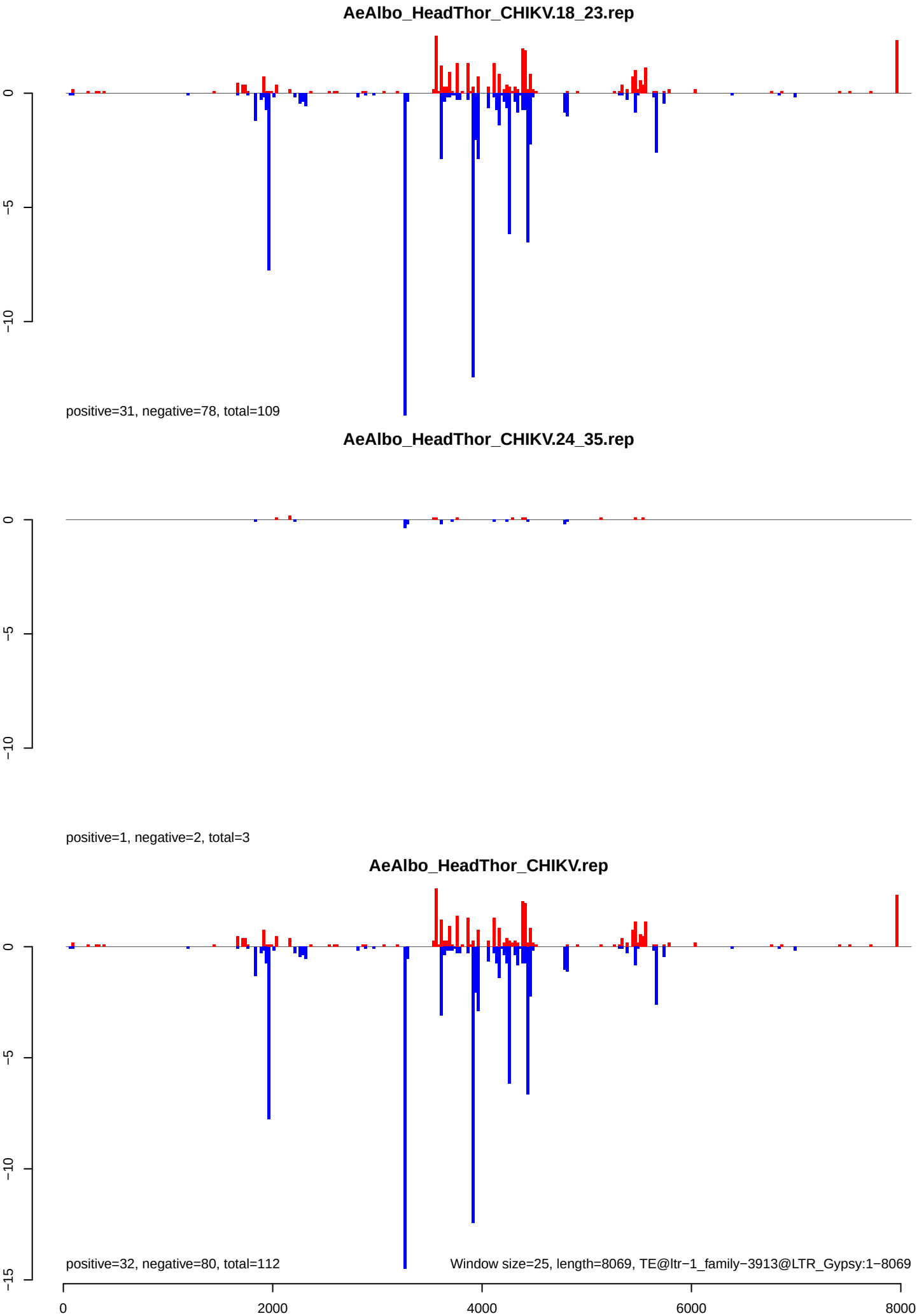

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
−10
−15
positive=27, negative=24, total=51

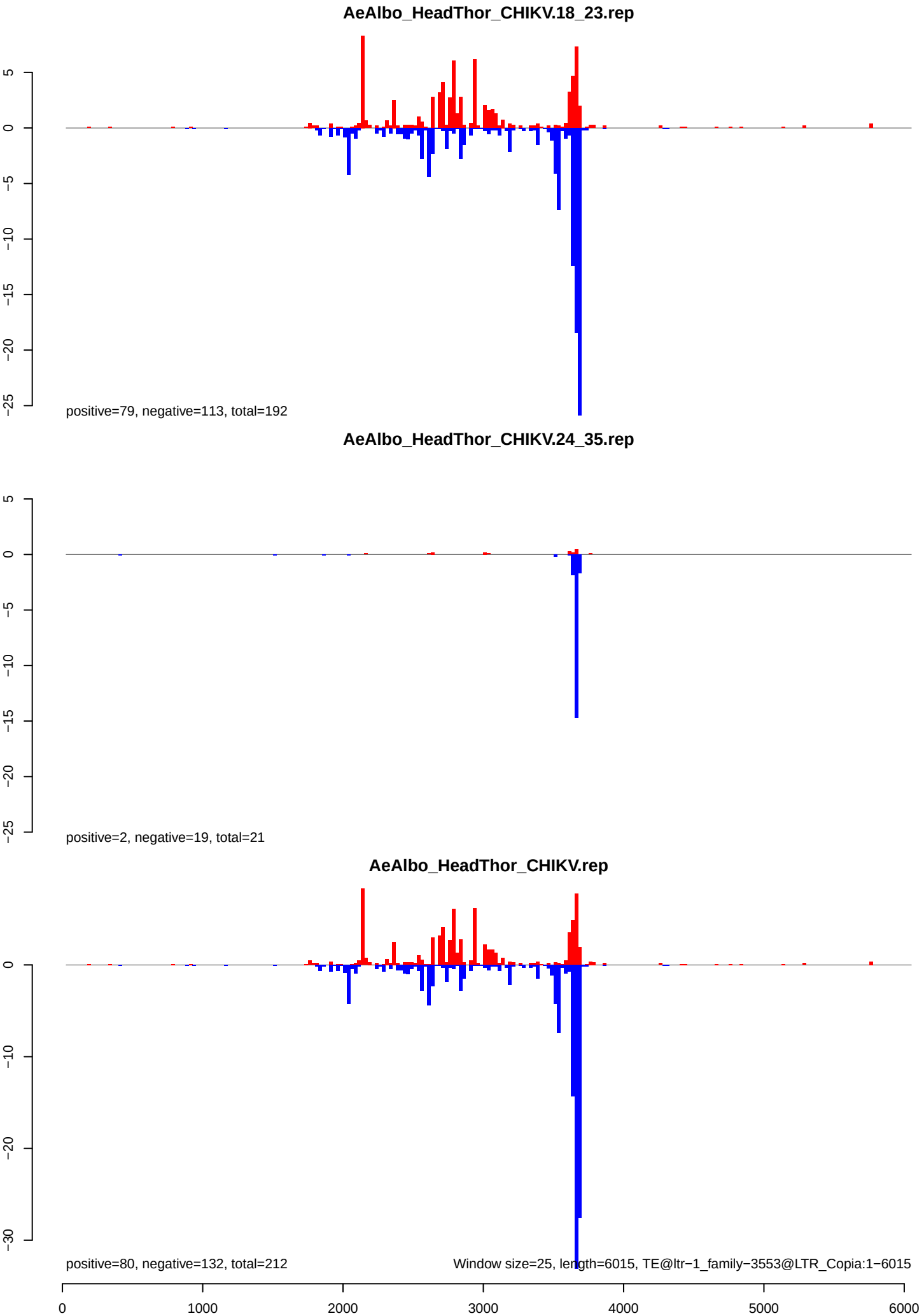

AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
−10
−15
positive=5, negative=2, total=7

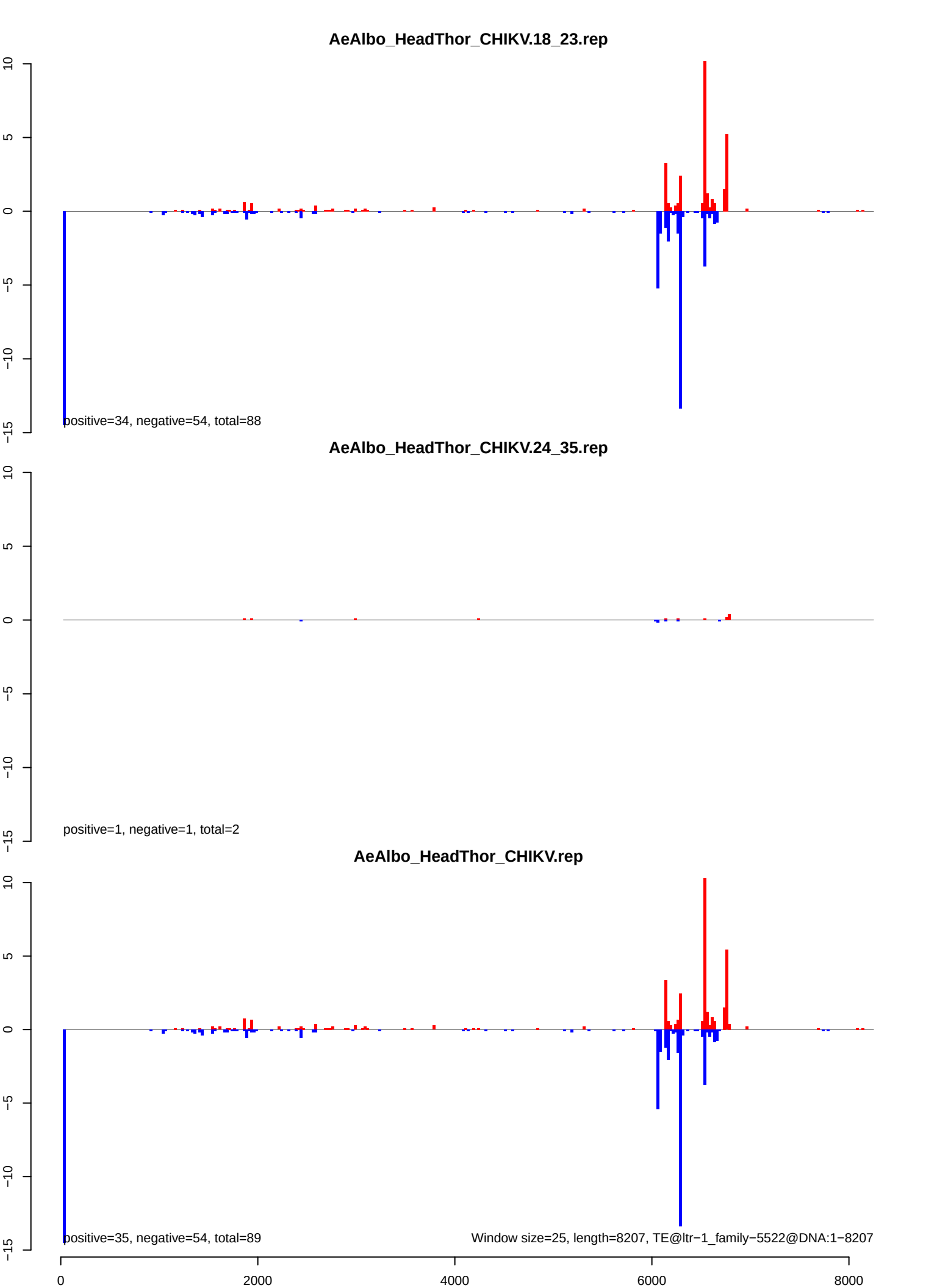

AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
−10
−15
positive=32, negative=25, total=57
Window size=25, length=10814, TE@ltr−1_family−5732@LTR_Gypsy:1−10814
0
2000
4000
6000
8000
10000

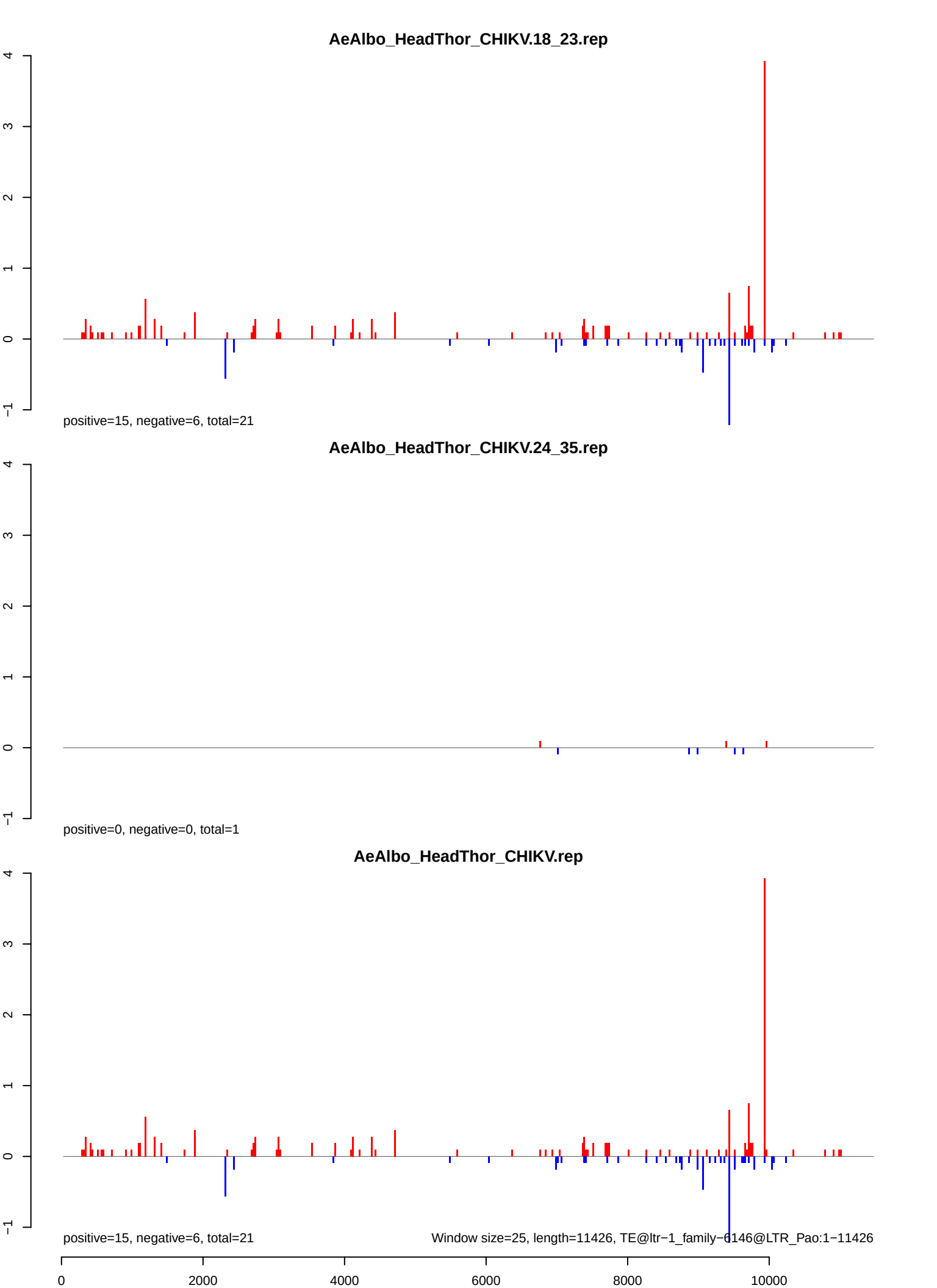

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=38, negative=29, total=67
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=39, negative=30, total=70
Window size=25, length=10283, TE@ltr−1_family−5293@LTR_Pao:1−10283
10
5
0
−5
−10
0
2000
4000
6000
8000
10000

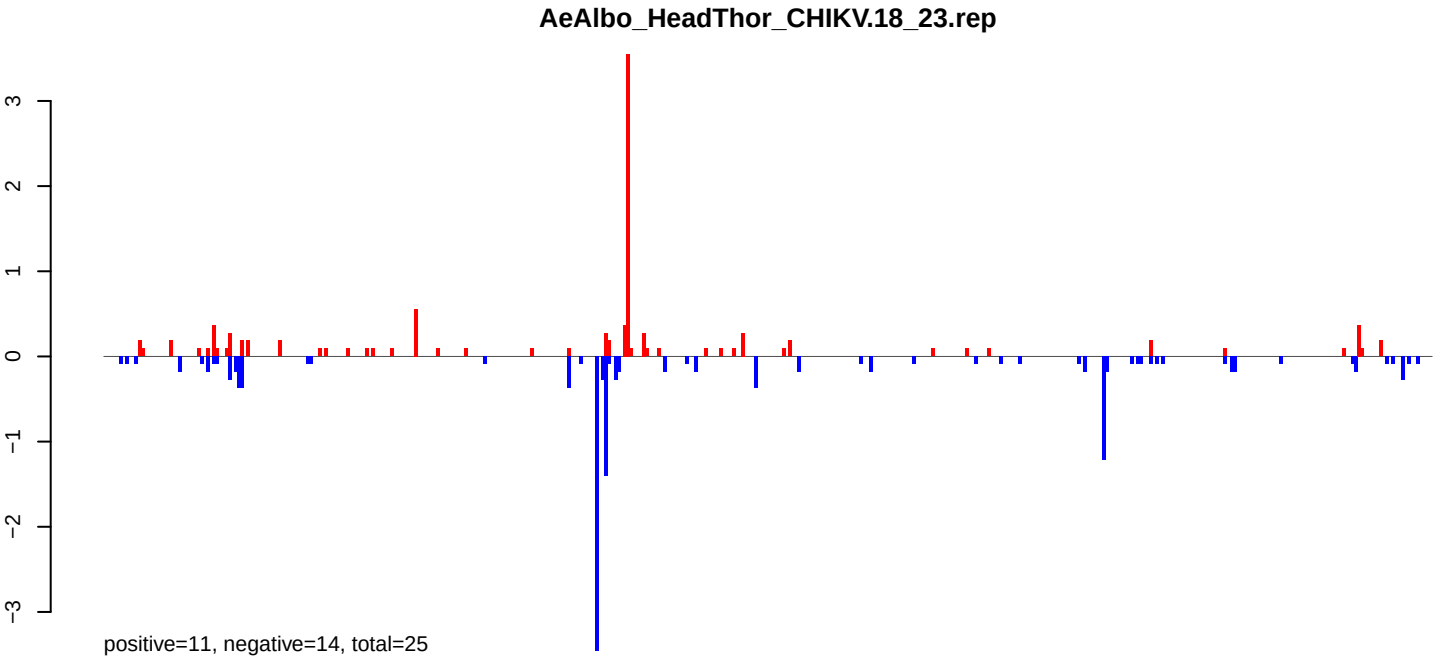

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=29, negative=55, total=83
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=32, negative=57, total=89
Window size=25, length=9071, TE@ltr−1_family−4344@LINE_I:1−9071
5
0
−5
−10
−15
−20
0
2000
4000
6000
8000

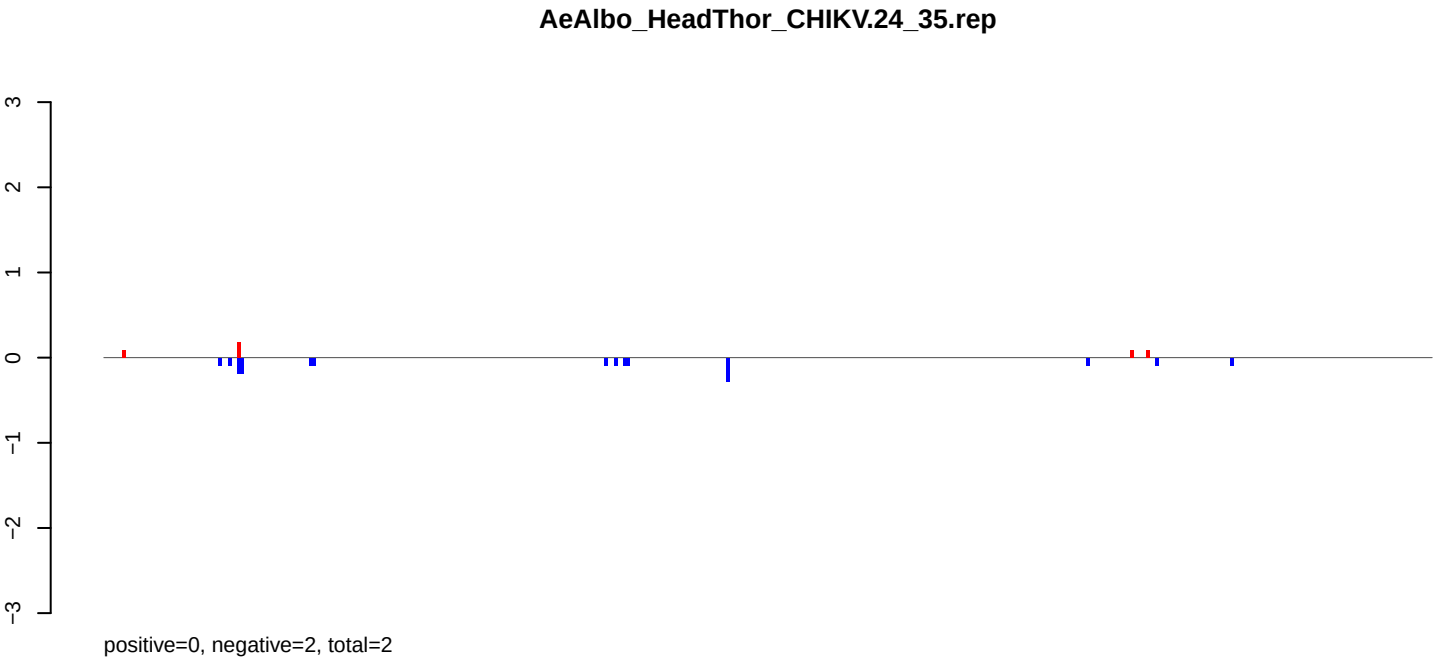

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=31, negative=78, total=109
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=32, negative=80, total=112
Window size=25, length=8069, TE@ltr−1_family−3913@LTR_Gypsy:1−8069
0
2000
4000
6000
8000

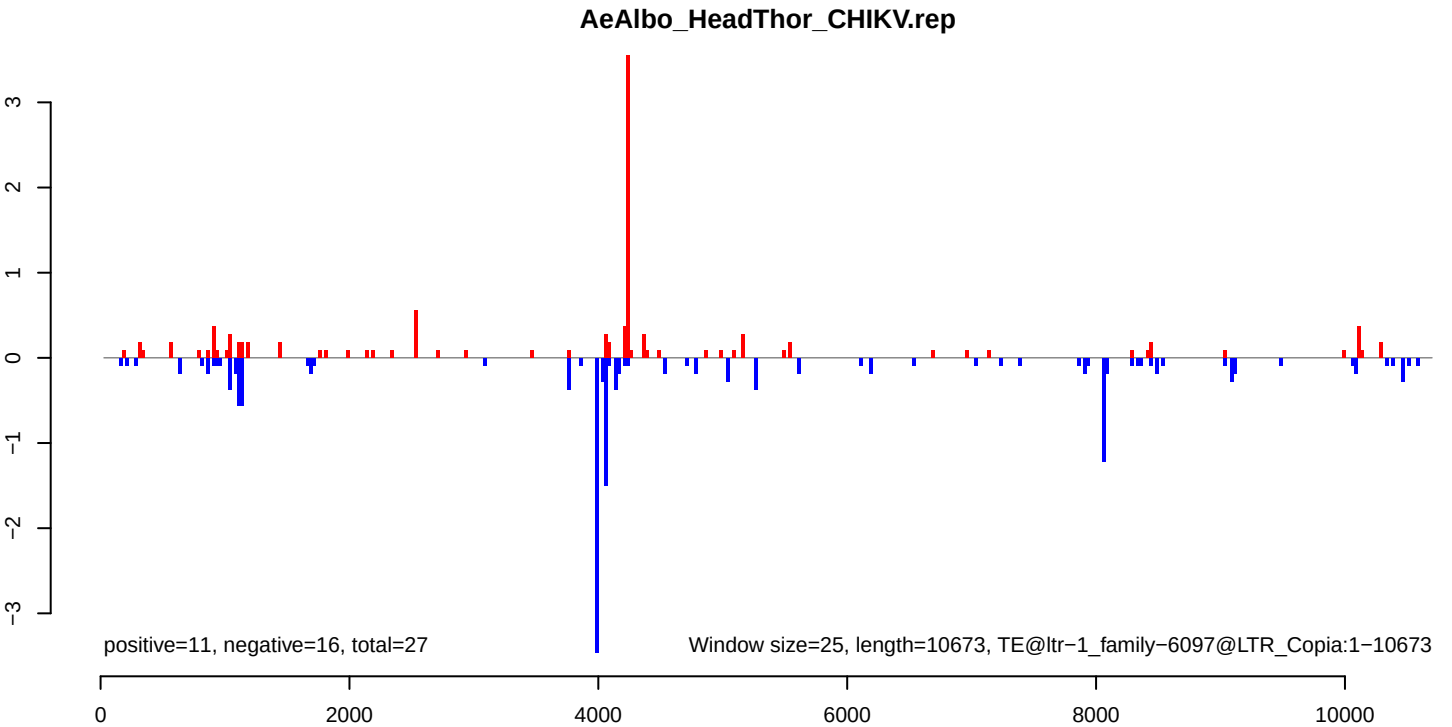

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=79, negative=113, total=192
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=19, total=21
AeAlbo_HeadThor_CHIKV.rep
positive=80, negative=132, total=212
Window size=25, length=6015, TE@ltr−1_family−3553@LTR_Copia:1−6015
0
1000
2000
3000
4000
5000
6000

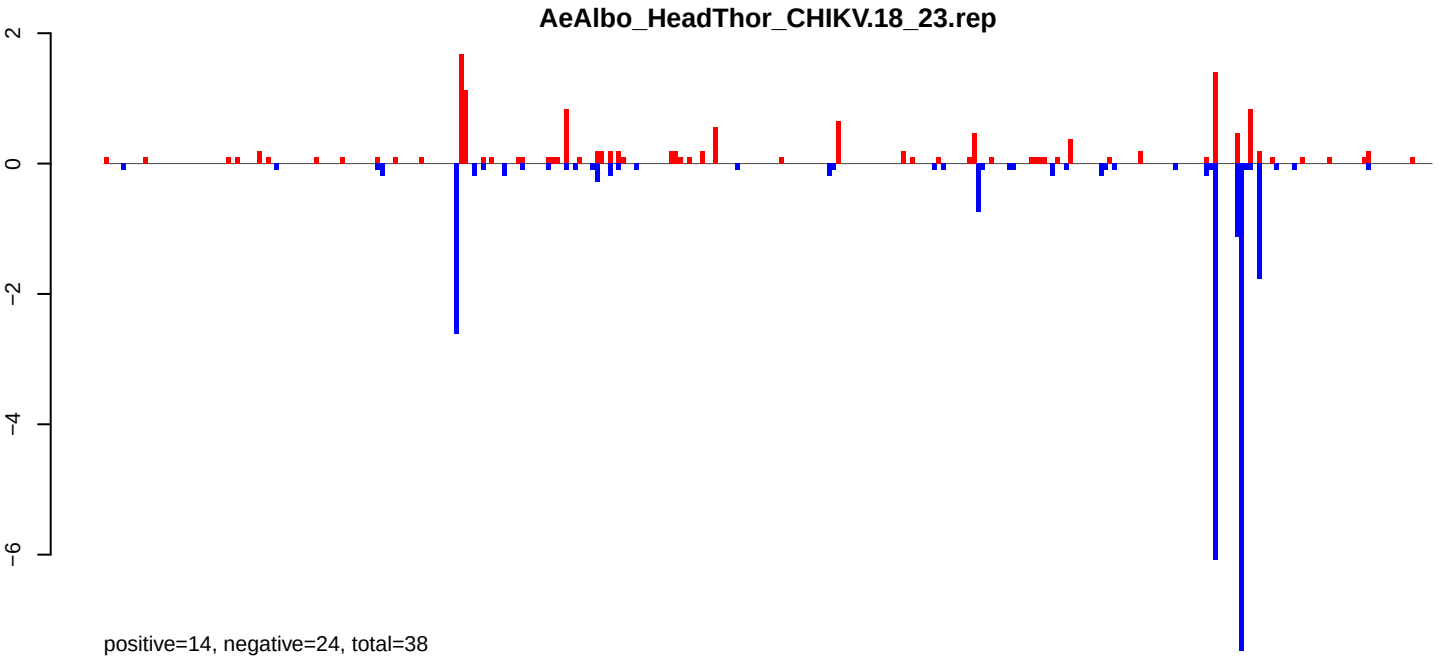

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=34, negative=54, total=88
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=35, negative=54, total=89
Window size=25, length=8207, TE@ltr−1_family−5522@DNA:1−8207
10
5
0
−5
−10
−15
0
2000
4000
6000
8000

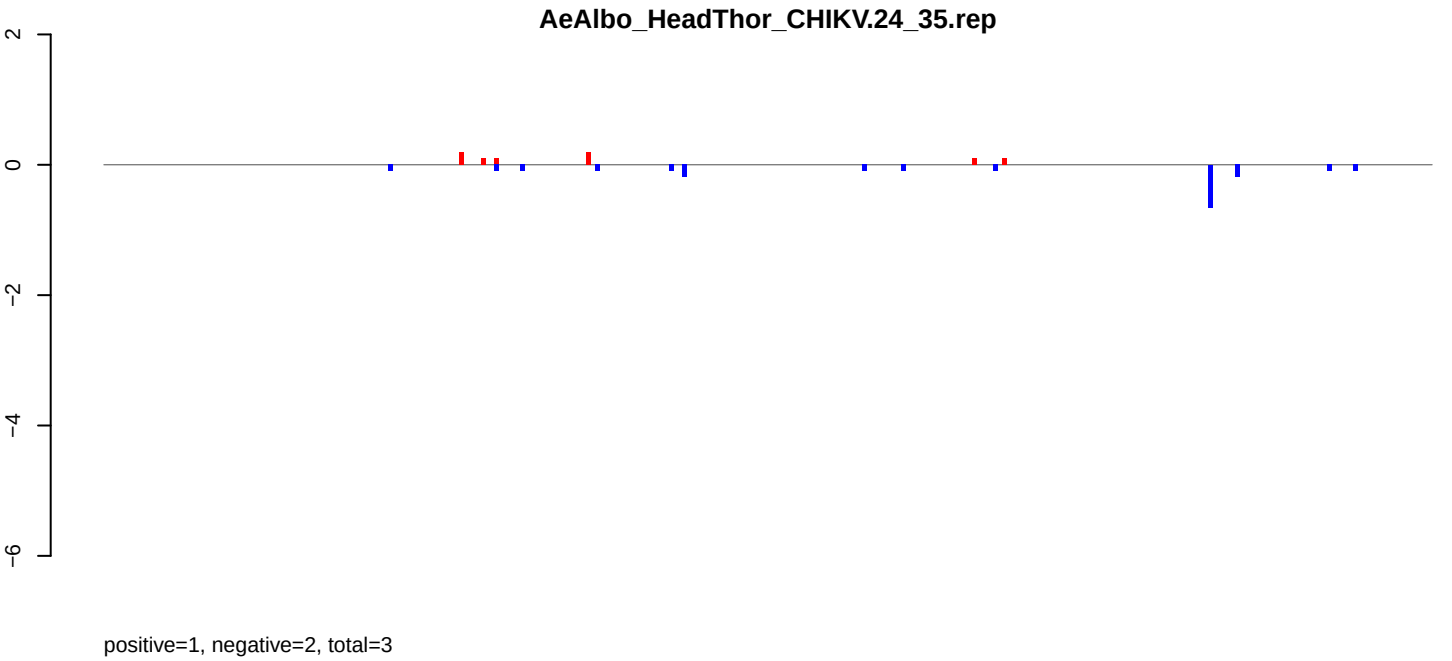

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=15, negative=6, total=21
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=6, total=21
Window size=25, length=11426, TE@ltr−1_family−6146@LTR_Pao:1−11426
0
2000
4000
6000
8000
10000

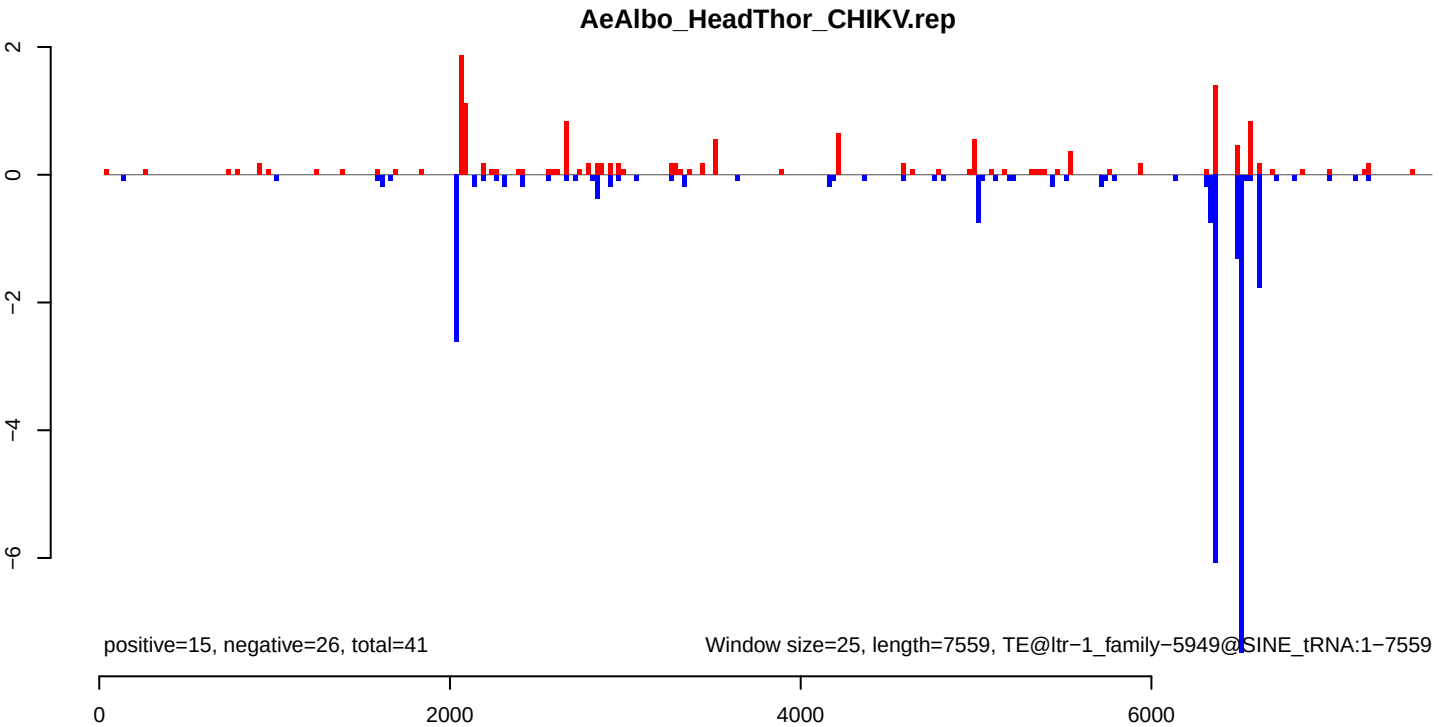

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
−2
−3
positive=11, negative=14, total=25

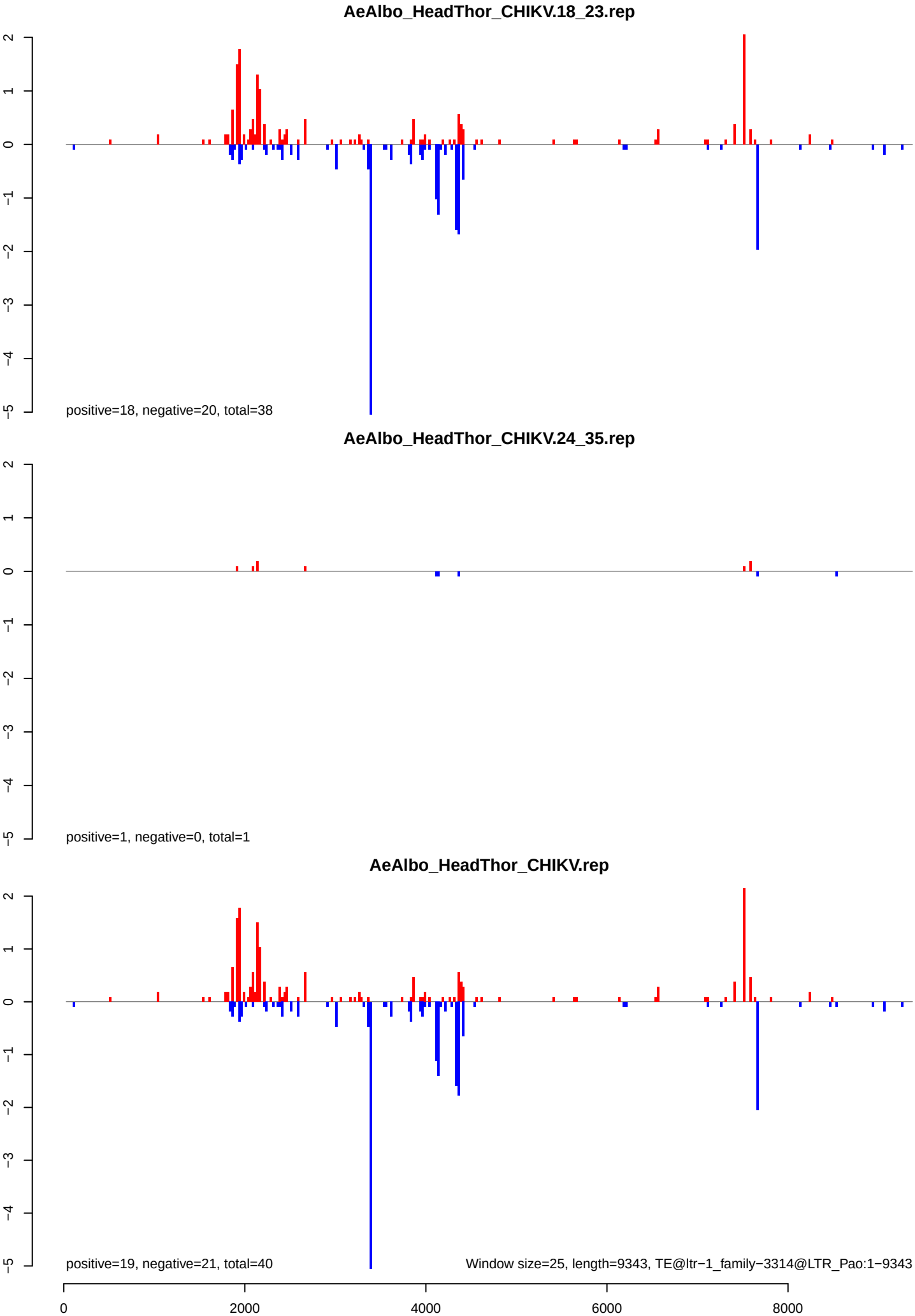

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
−2
−3
positive=0, negative=2, total=2

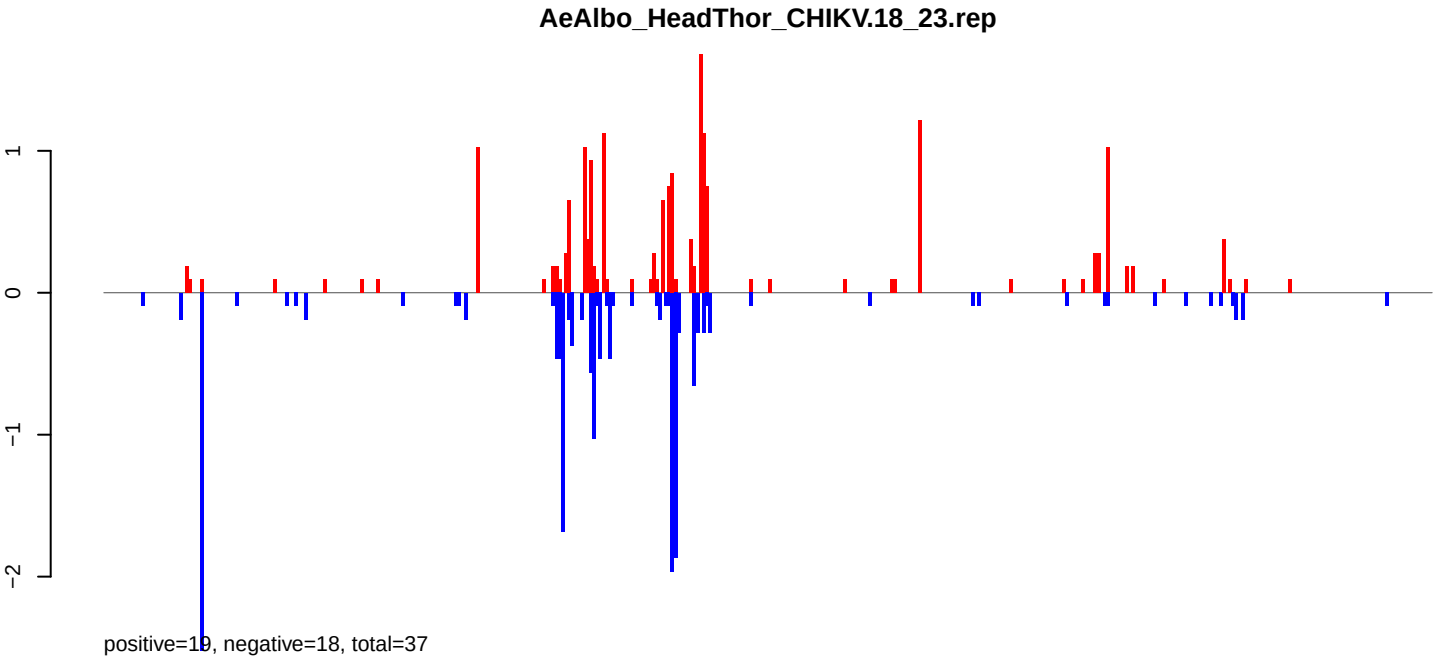

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
−2
−3
positive=11, negative=16, total=27
Window size=25, length=10673, TE@ltr−1_family−6097@LTR_Copia:1−10673
0
2000
4000
6000
8000
10000

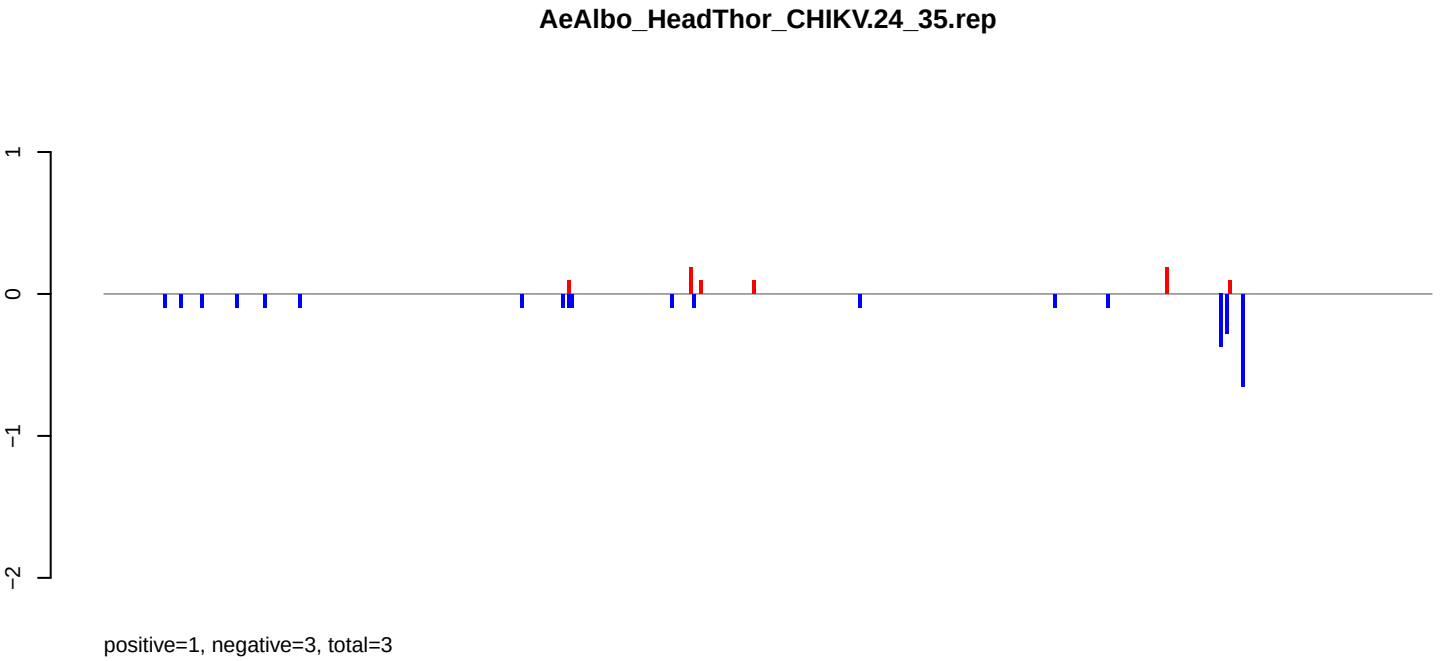

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
−6
positive=14, negative=24, total=38

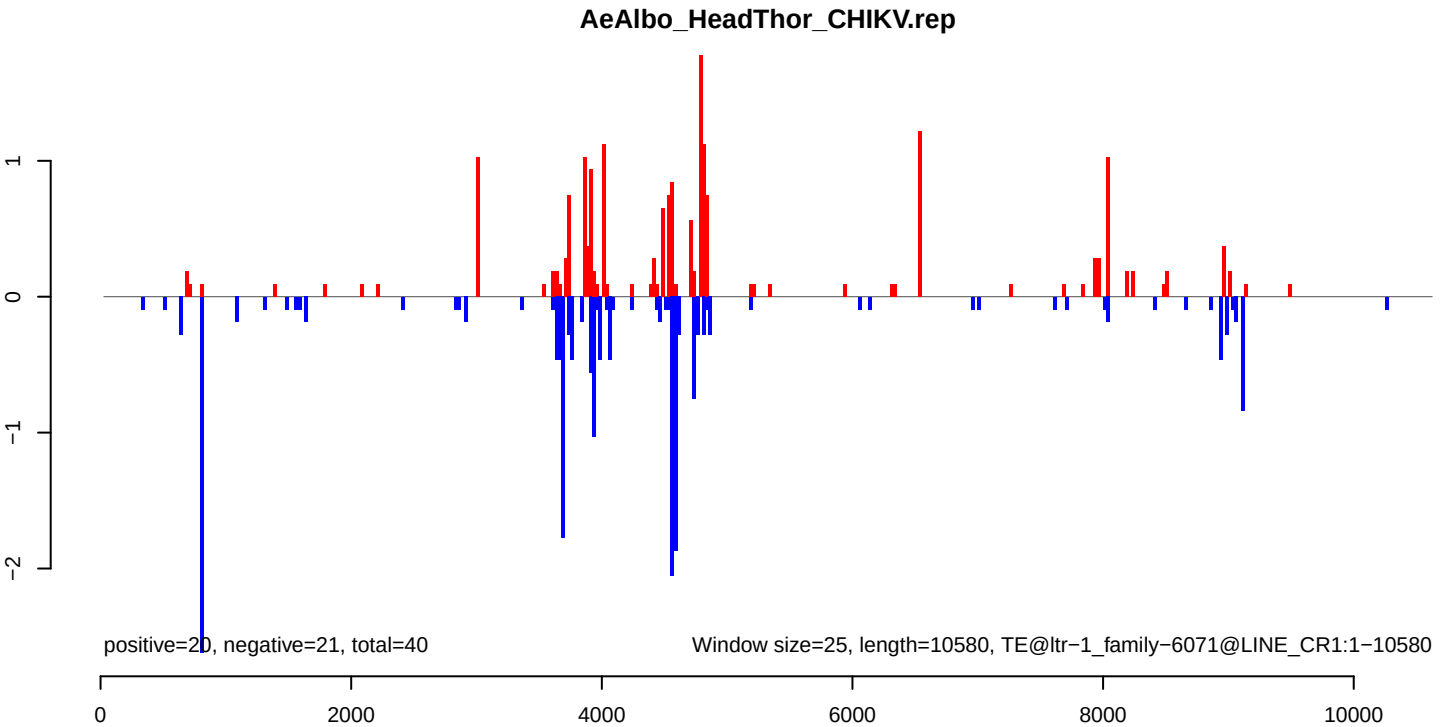

AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
−6
positive=1, negative=2, total=3

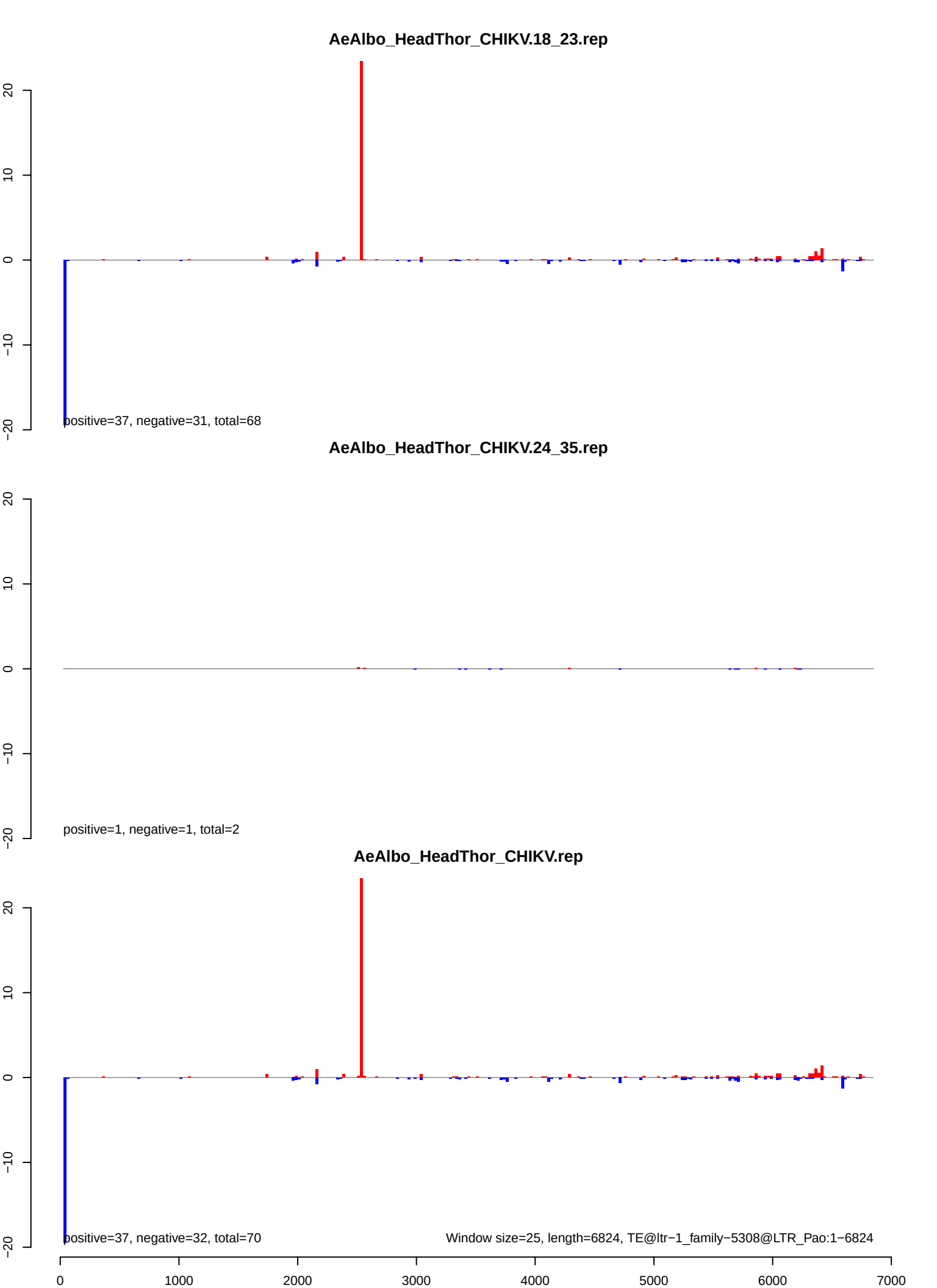

AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
−6
positive=15, negative=26, total=41
Window size=25, length=7559, TE@ltr−1_family−5949@SINE_tRNA:1−7559
0
2000
4000
6000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=18, negative=20, total=38
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=21, total=40
Window size=25, length=9343, TE@ltr−1_family−3314@LTR_Pao:1−9343
2
1
0
−1
−2
−3
−4
−5
0
2000
4000
6000
8000

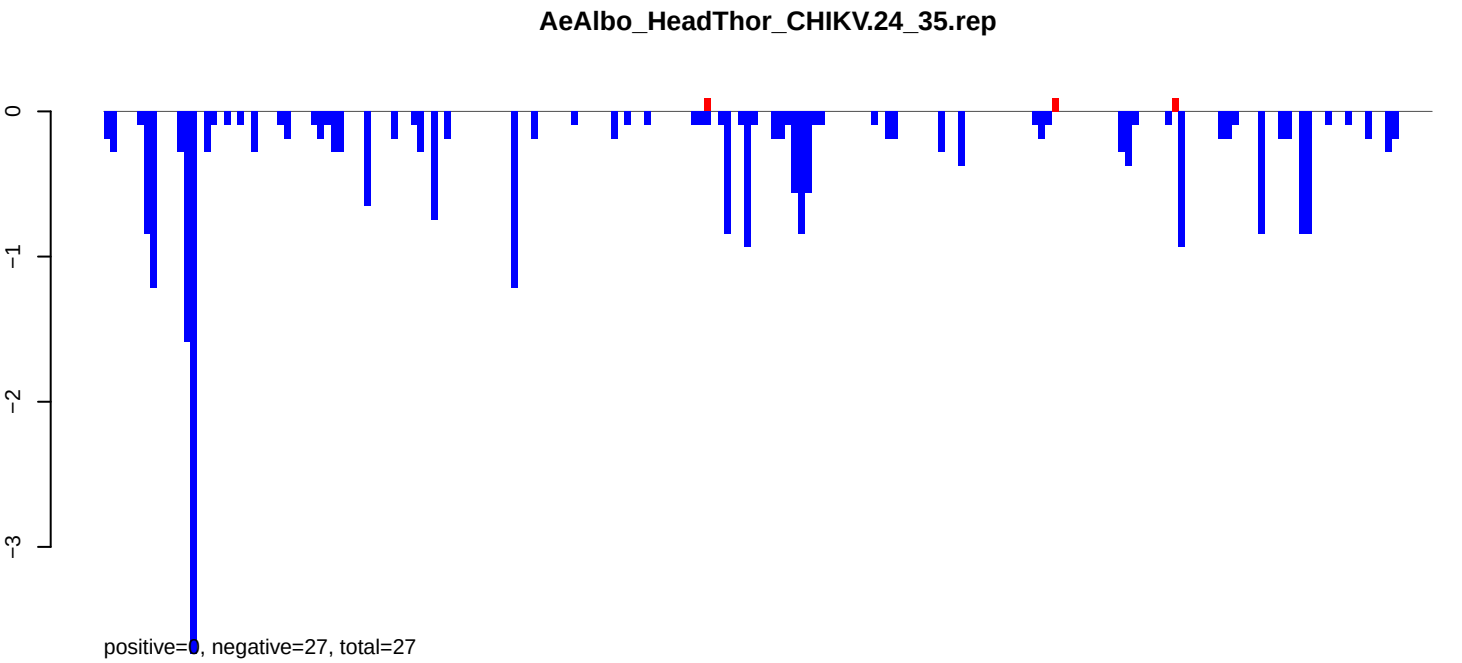

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=19, negative=18, total=37

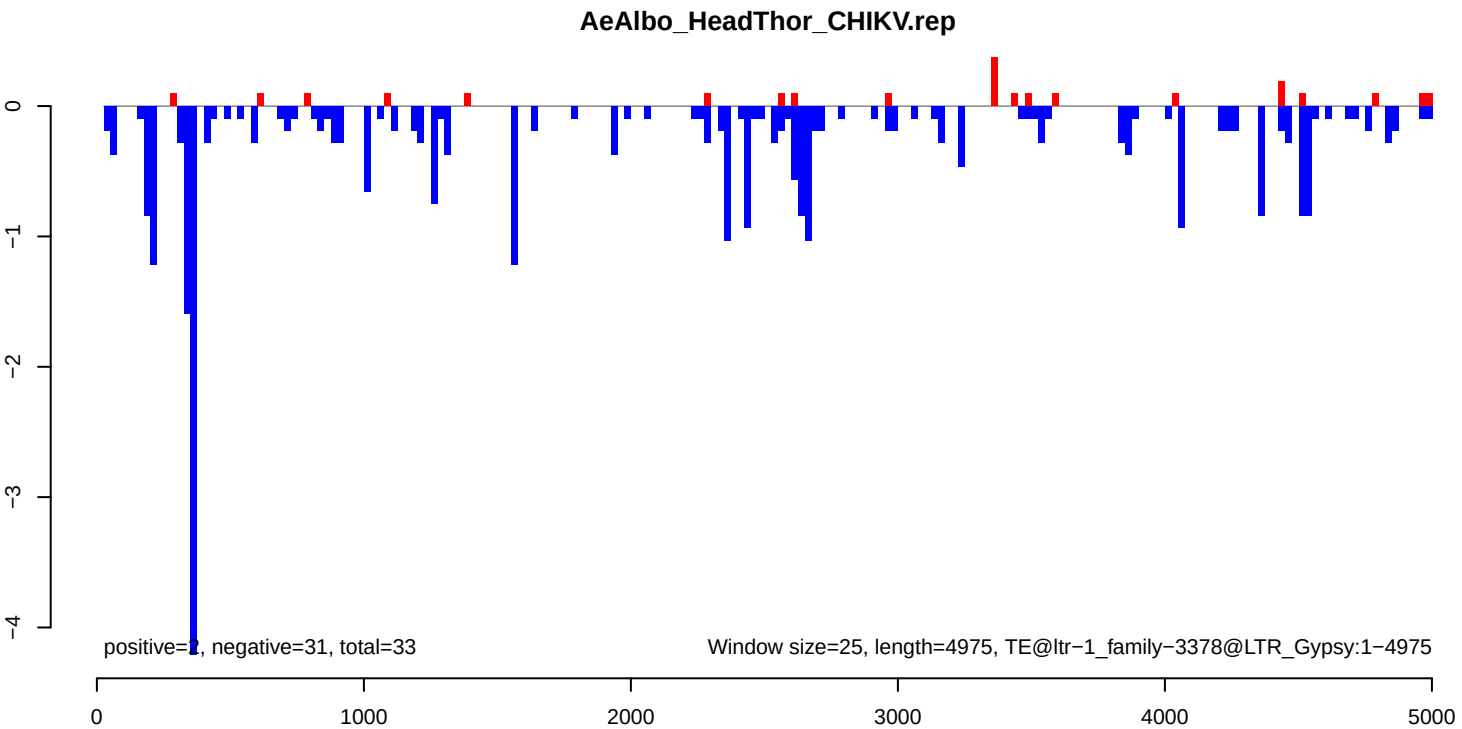

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=1, negative=3, total=3

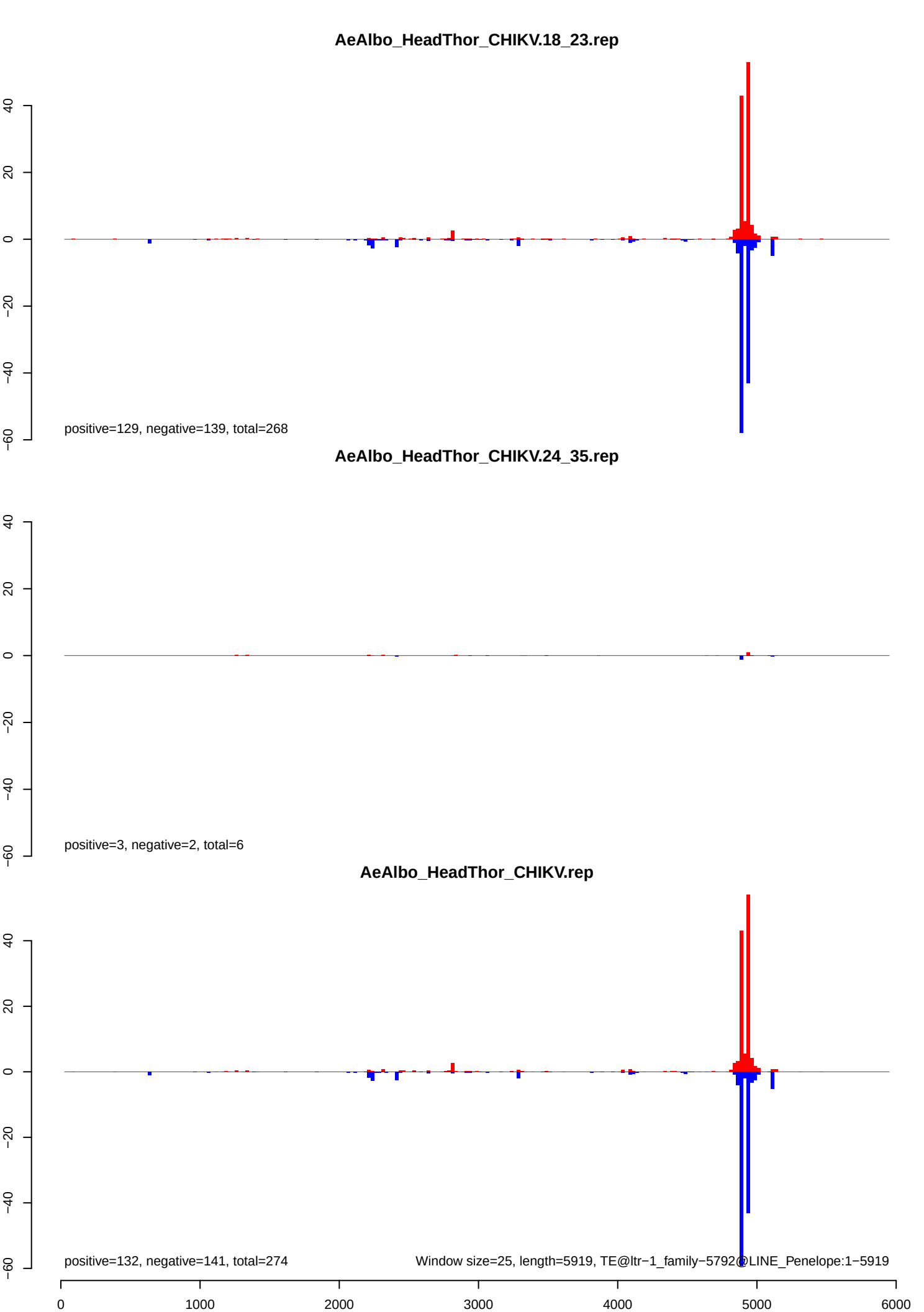

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=20, negative=21, total=40
Window size=25, length=10580, TE@ltr−1_family−6071@LINE_CR1:1−10580
0
2000
4000
6000
8000
10000

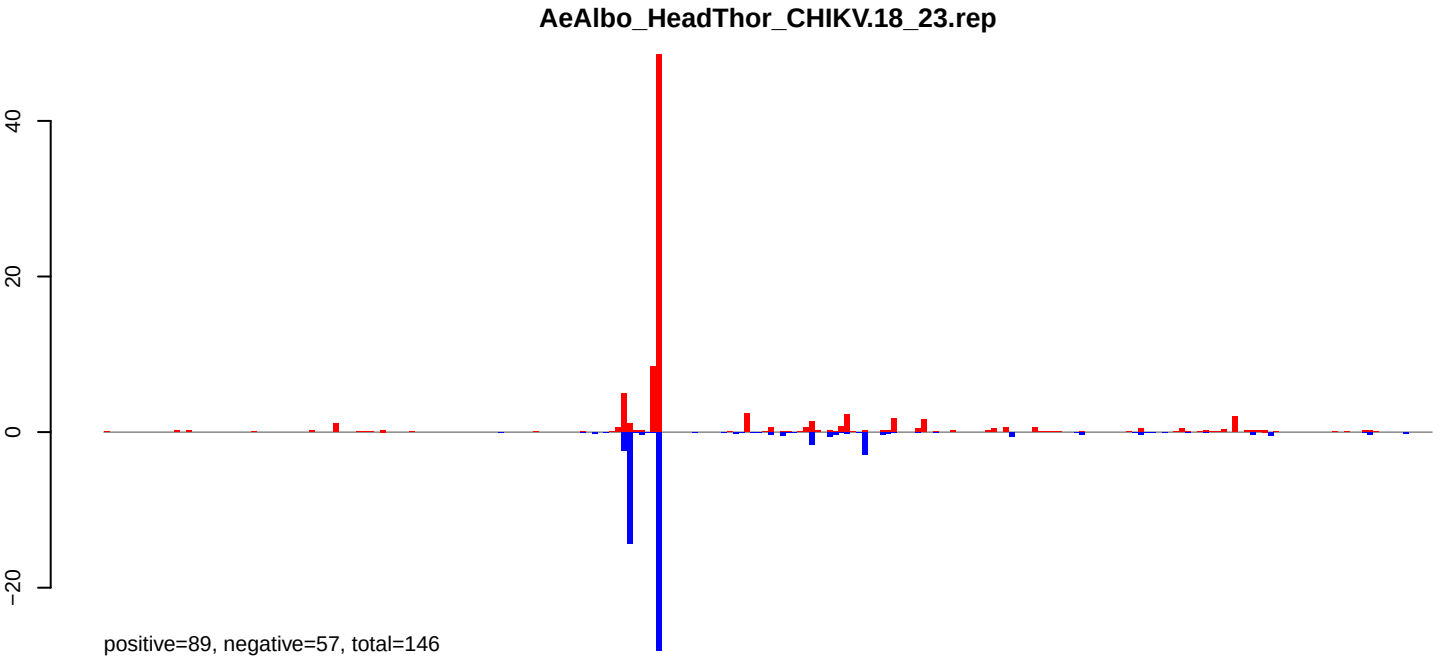

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=37, negative=31, total=68
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=37, negative=32, total=70
Window size=25, length=6824, TE@ltr−1_family−5308@LTR_Pao:1−6824
20
10
0
−10
−20
0
1000
2000
3000
4000
5000
6000
7000

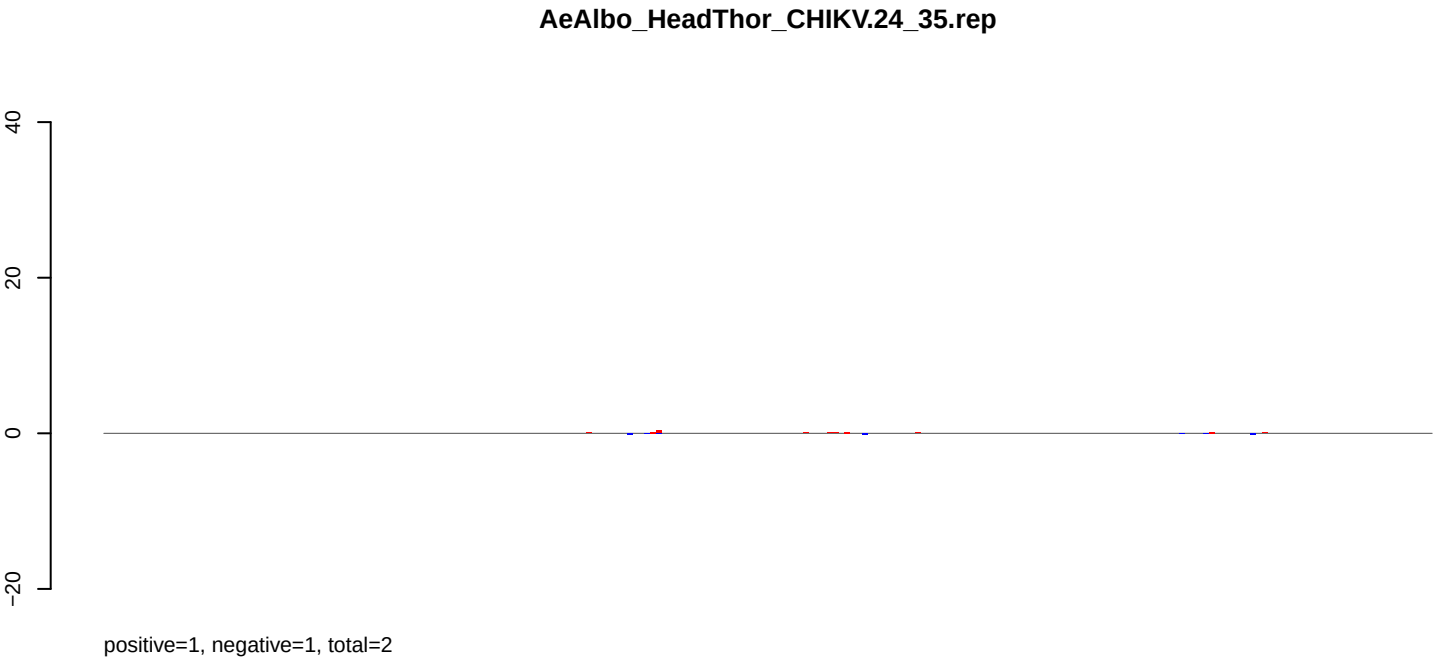
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=2, negative=4, total=6

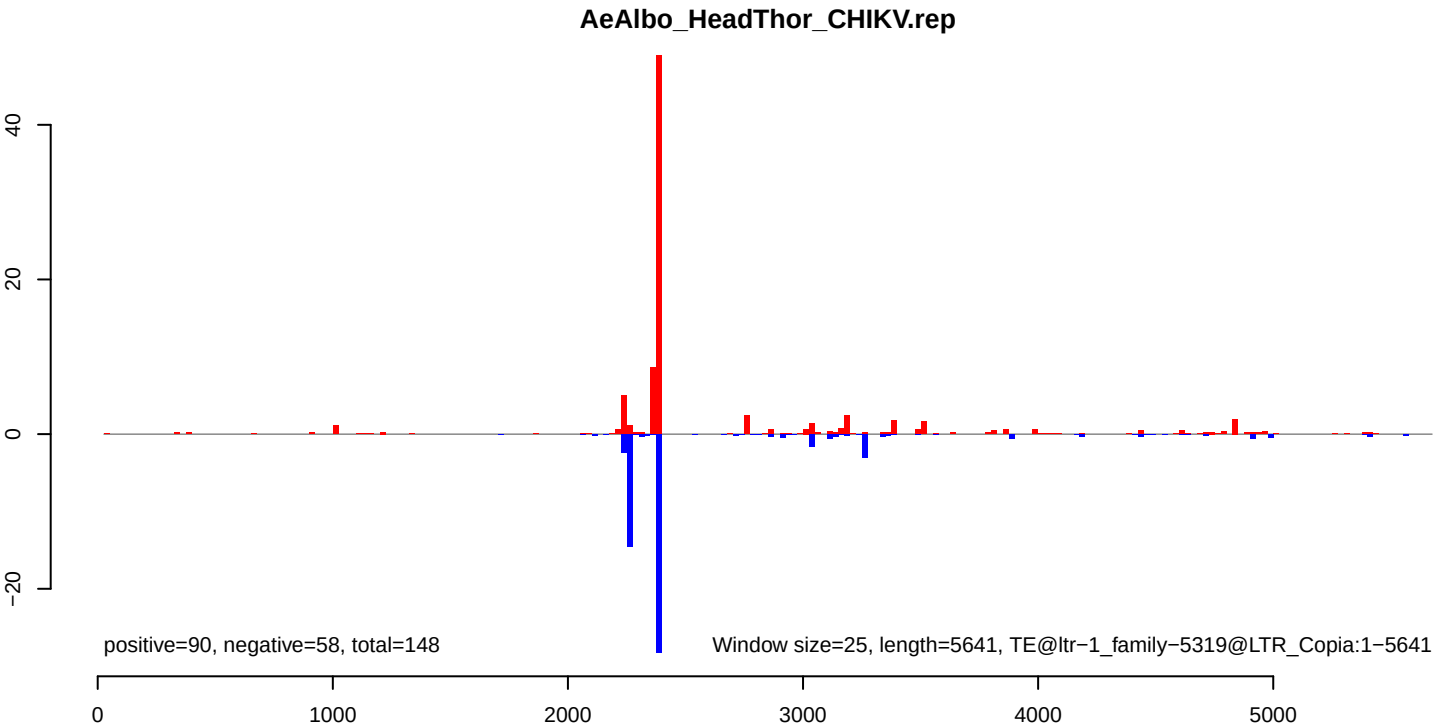

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=27, total=27

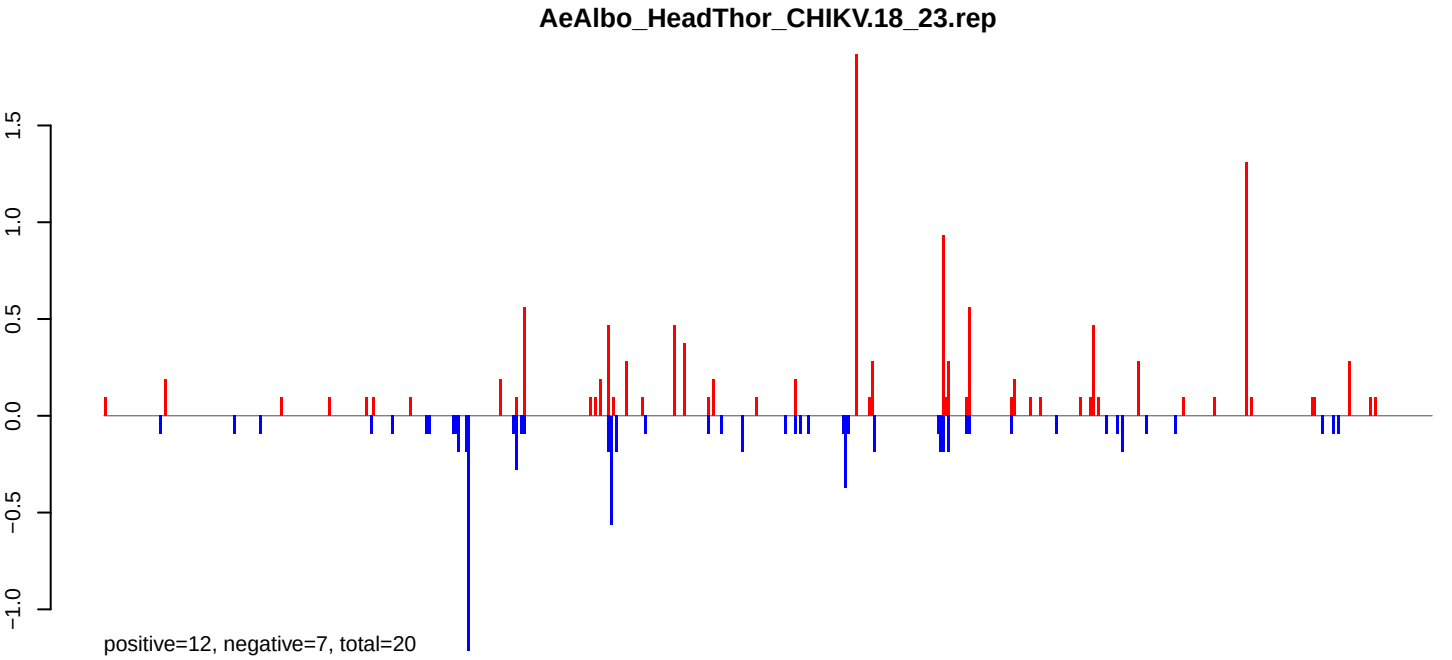

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=2, negative=31, total=33
Window size=25, length=4975, TE@ltr−1_family−3378@LTR_Gypsy:1−4975
0
1000
2000
3000
4000
5000

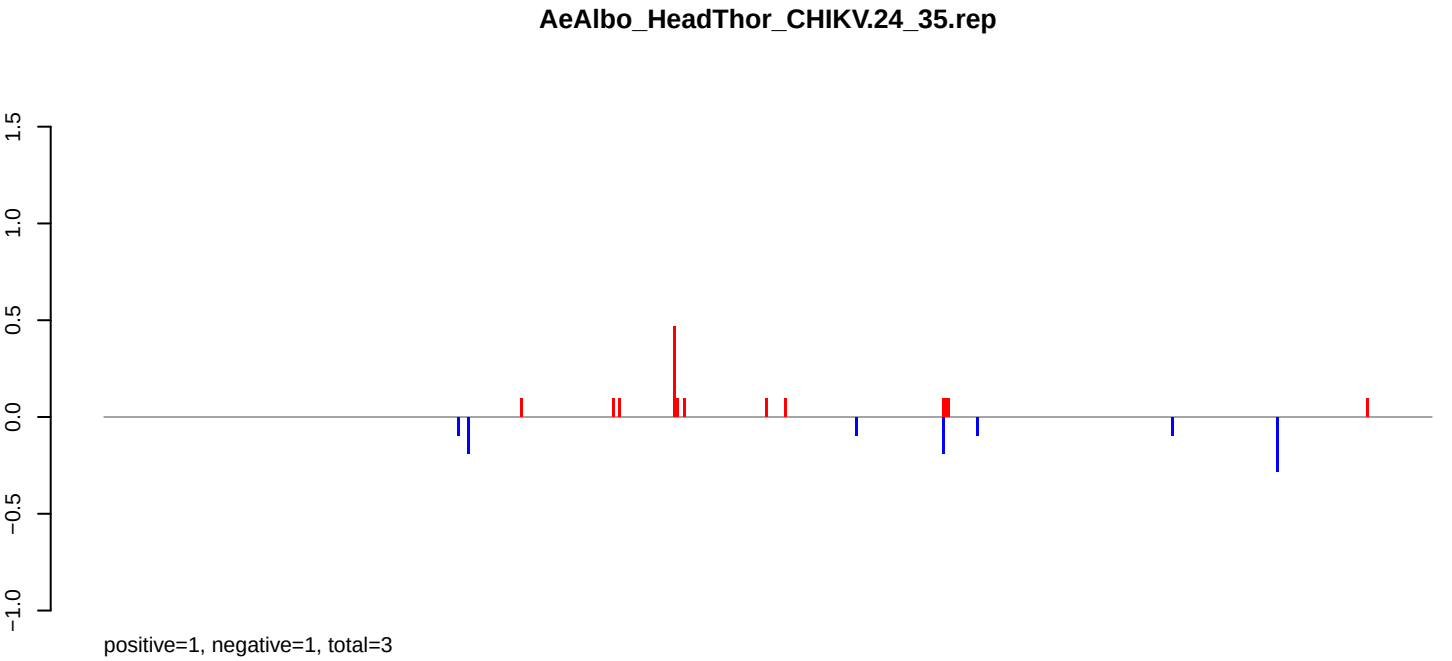

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=129, negative=139, total=268
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=2, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=132, negative=141, total=274
Window size=25, length=5919, TE@ltr−1_family−5792@LINE_Penelope:1−5919
40
20
0
−20
−40
−60
0
1000
2000
3000
4000
5000
6000

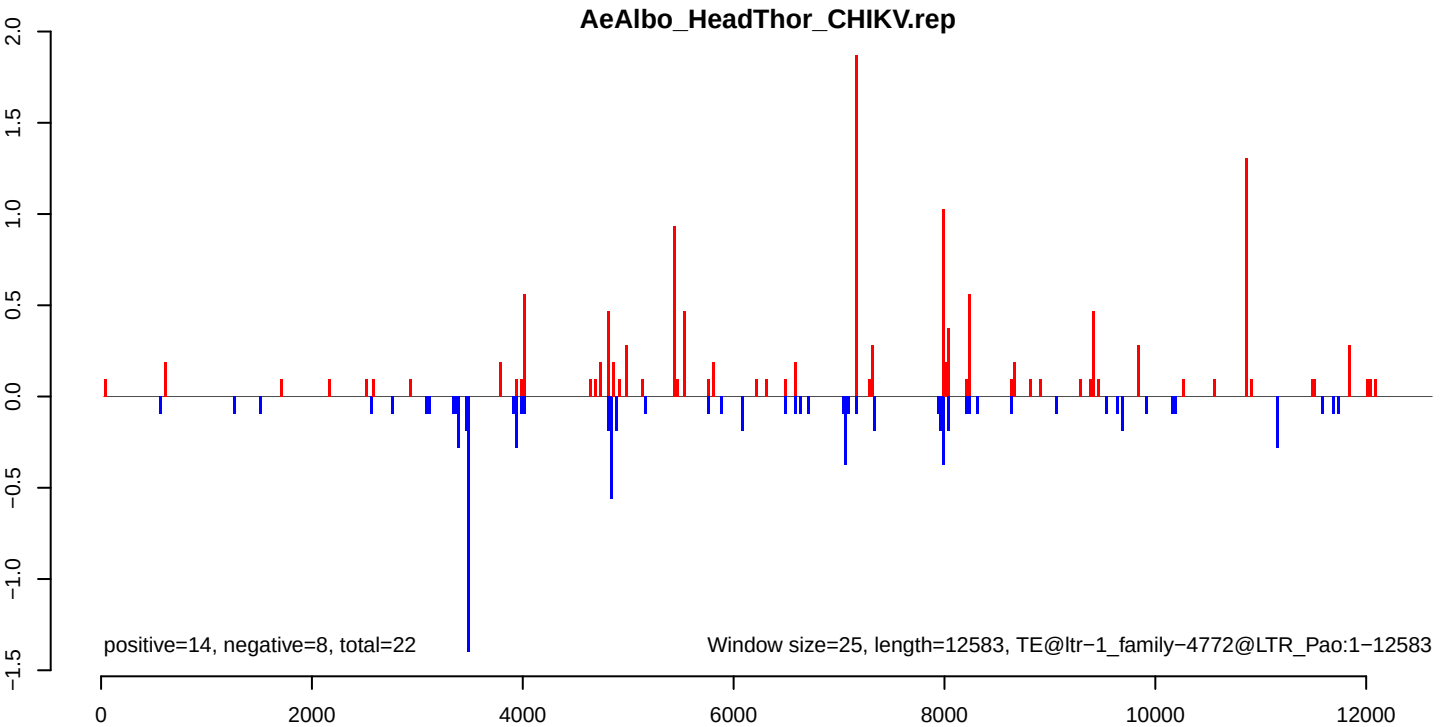

AeAlbo_HeadThor_CHIKV.18_23.rep
40
20
0
−20
positive=89, negative=57, total=146

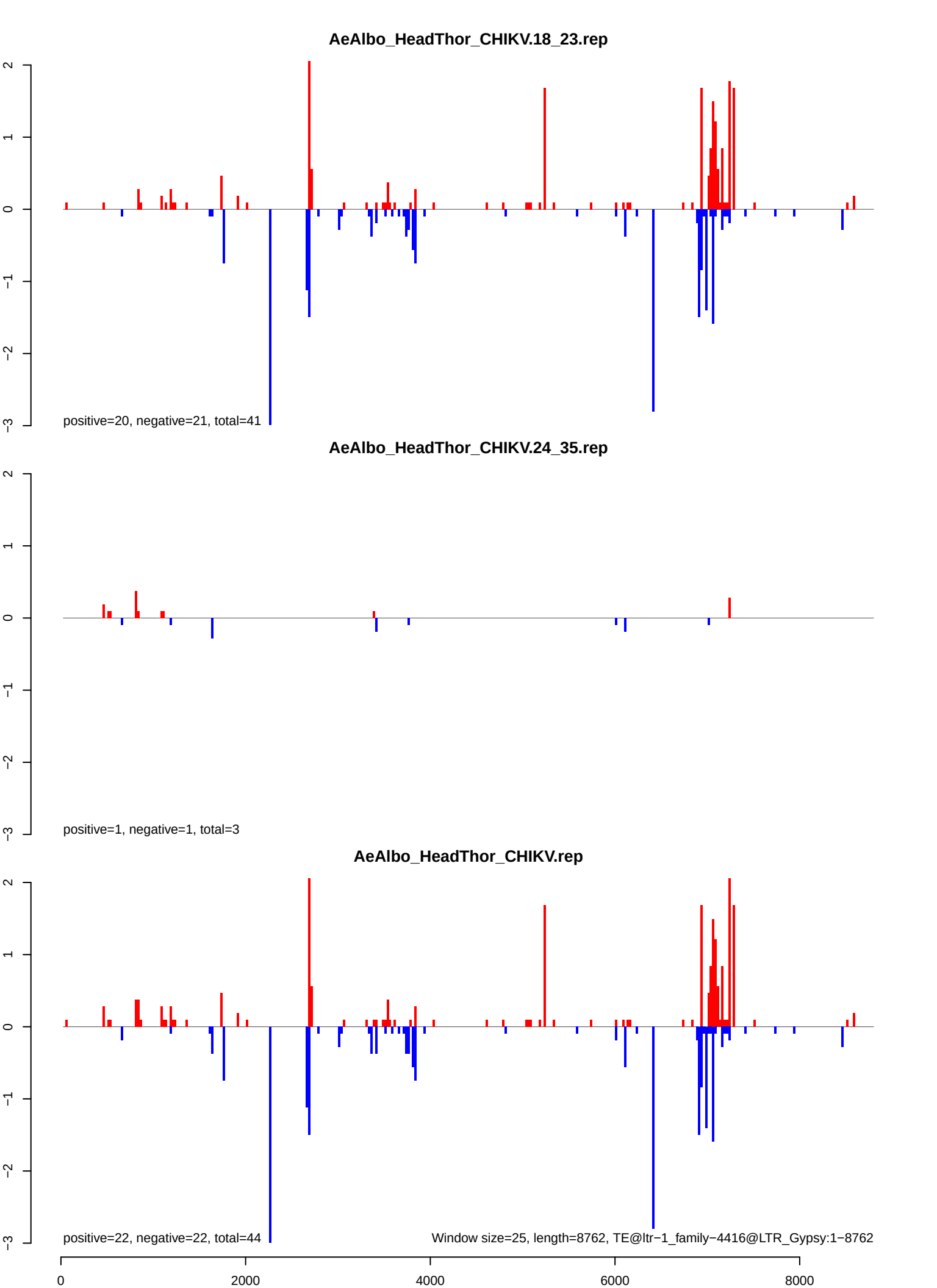

AeAlbo_HeadThor_CHIKV.24_35.rep
40
20
0
−20
positive=1, negative=1, total=2

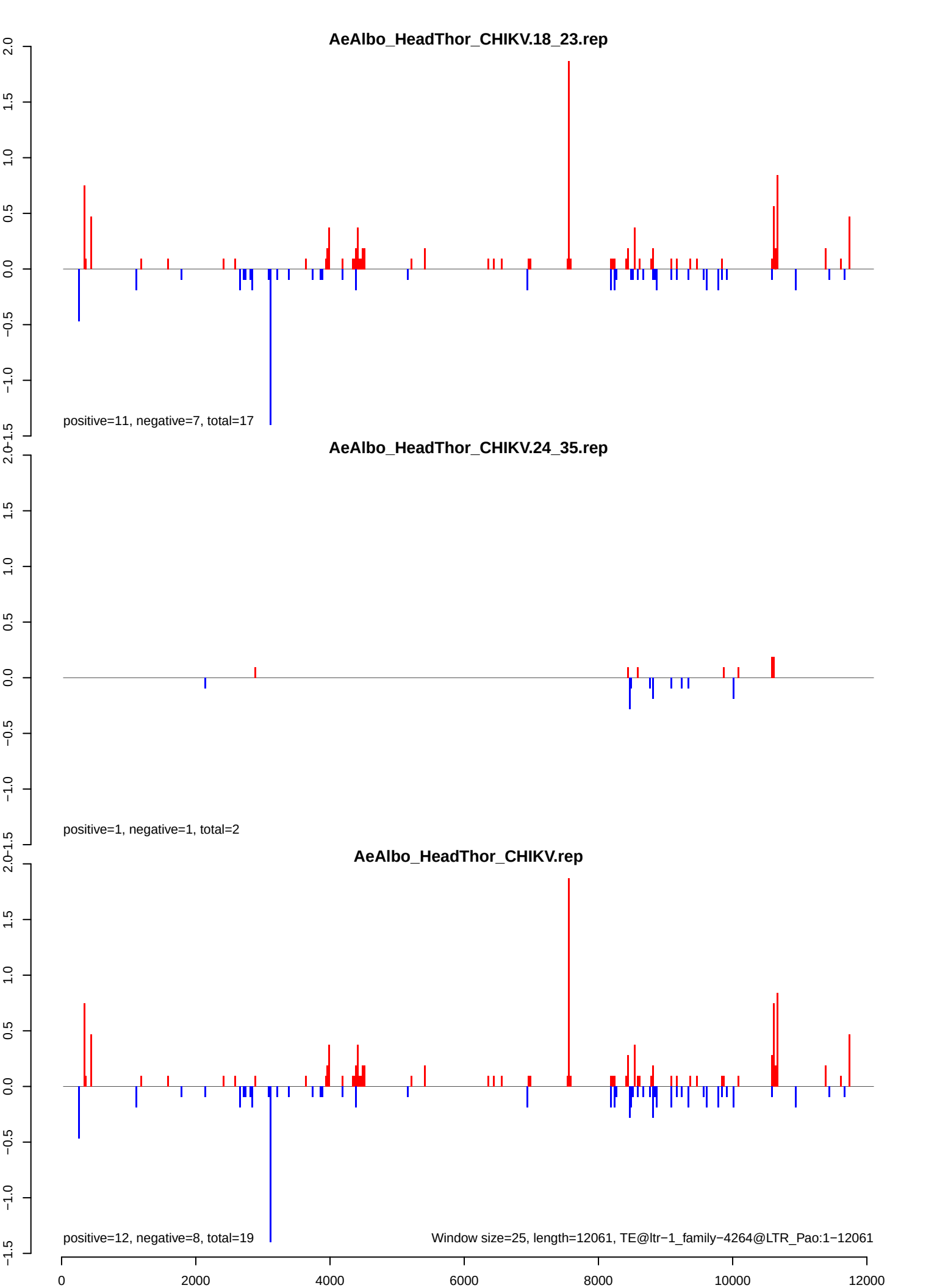

AeAlbo_HeadThor_CHIKV.rep
40
20
0
−20
positive=90, negative=58, total=148
Window size=25, length=5641, TE@ltr−1_family−5319@LTR_Copia:1−5641
0
1000
2000
3000
4000
5000

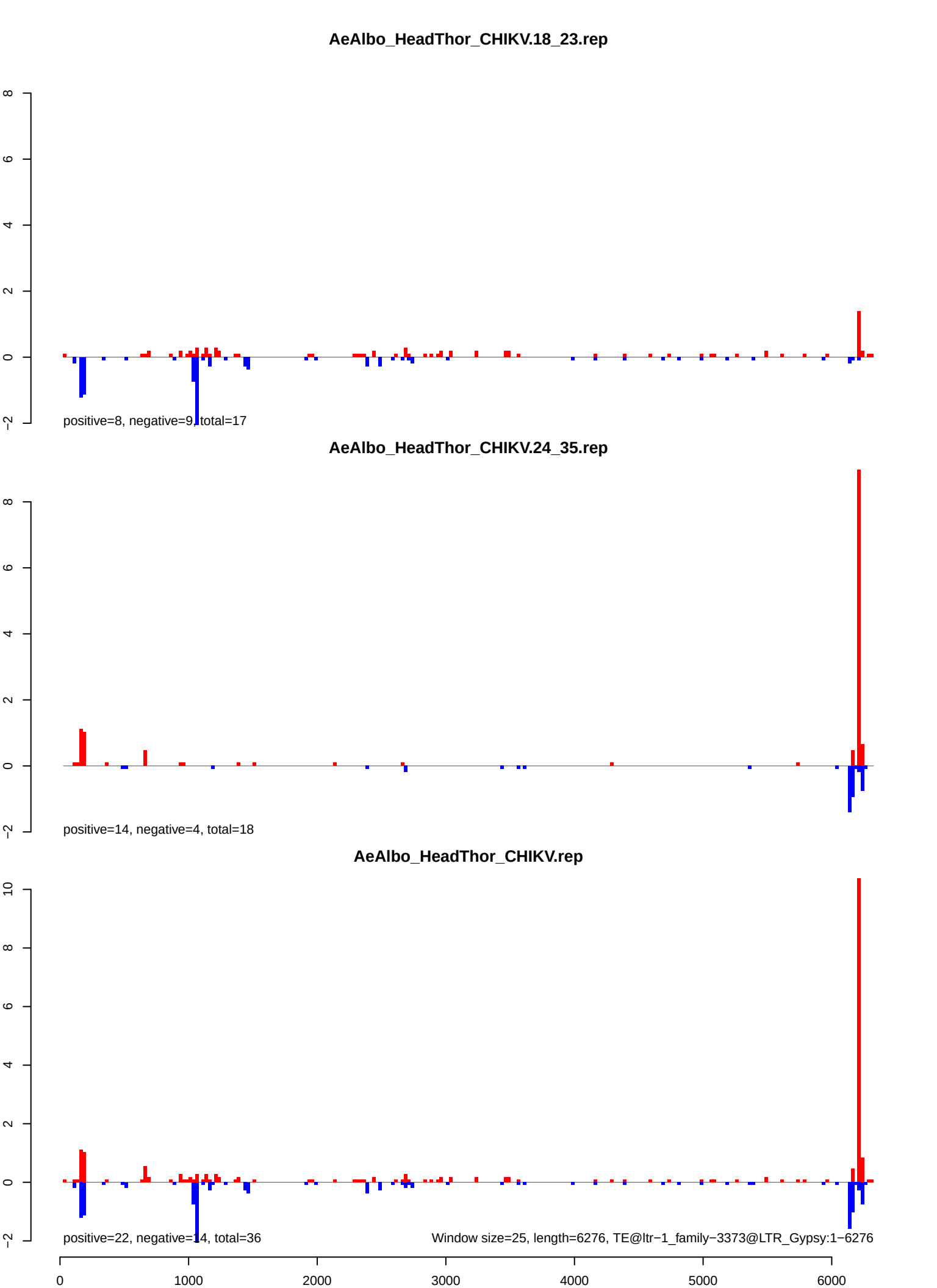

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=12, negative=7, total=20

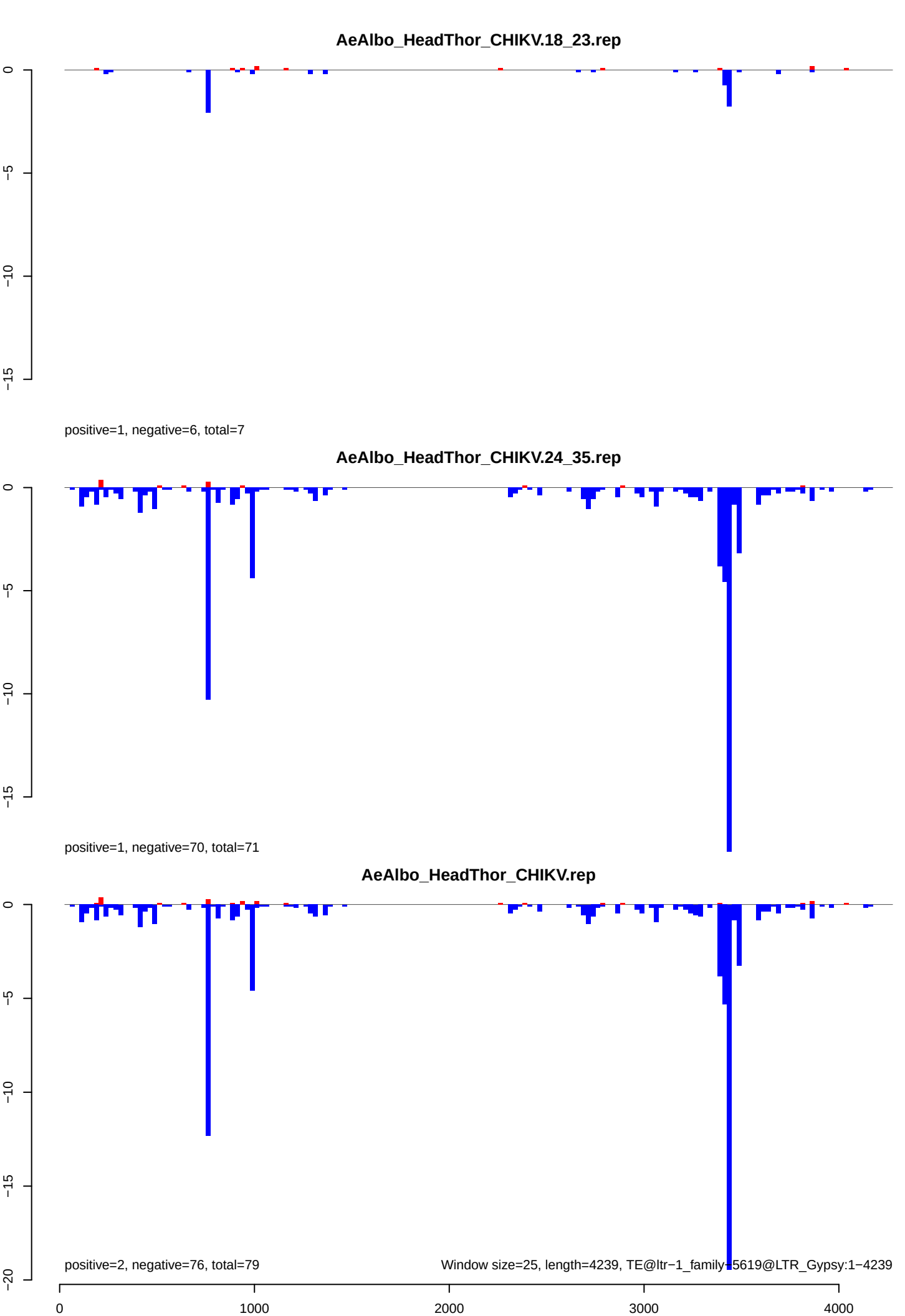

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=1, negative=1, total=3

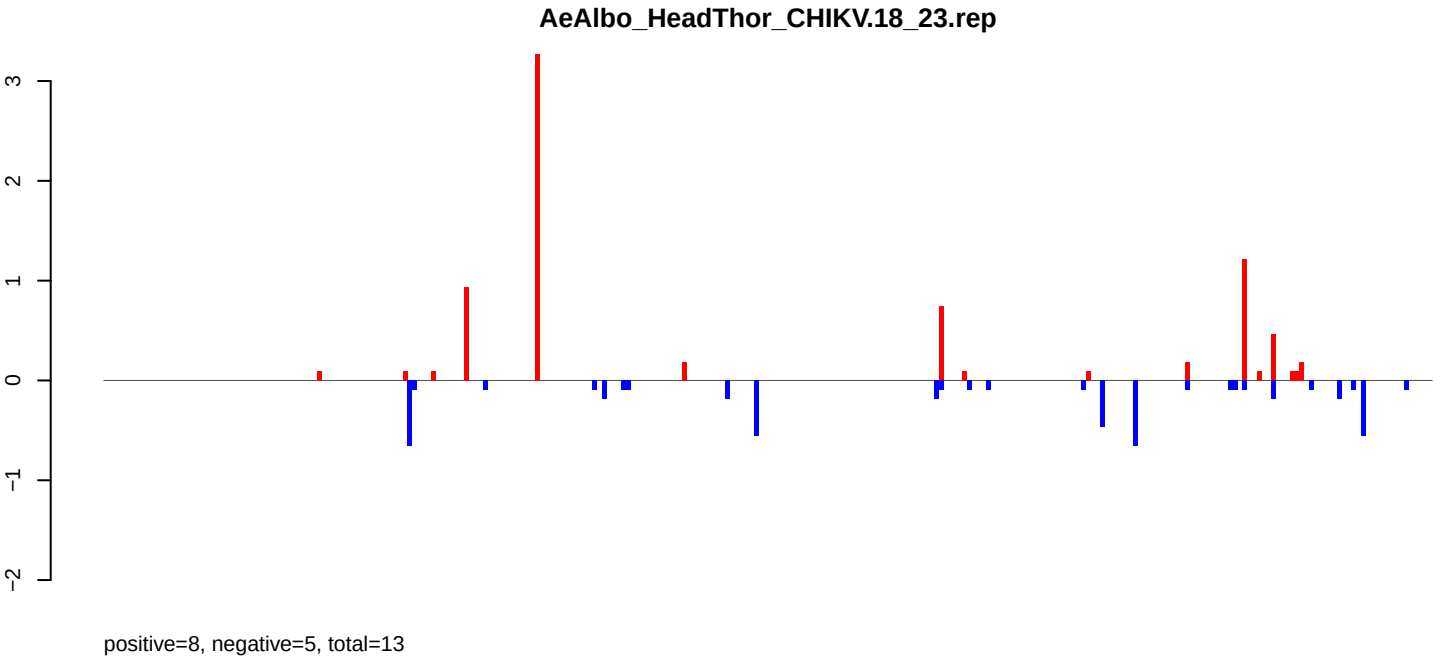

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=14, negative=8, total=22
Window size=25, length=12583, TE@ltr−1_family−4772@LTR_Pao:1−12583
0
2000
4000
6000
8000
10000
12000

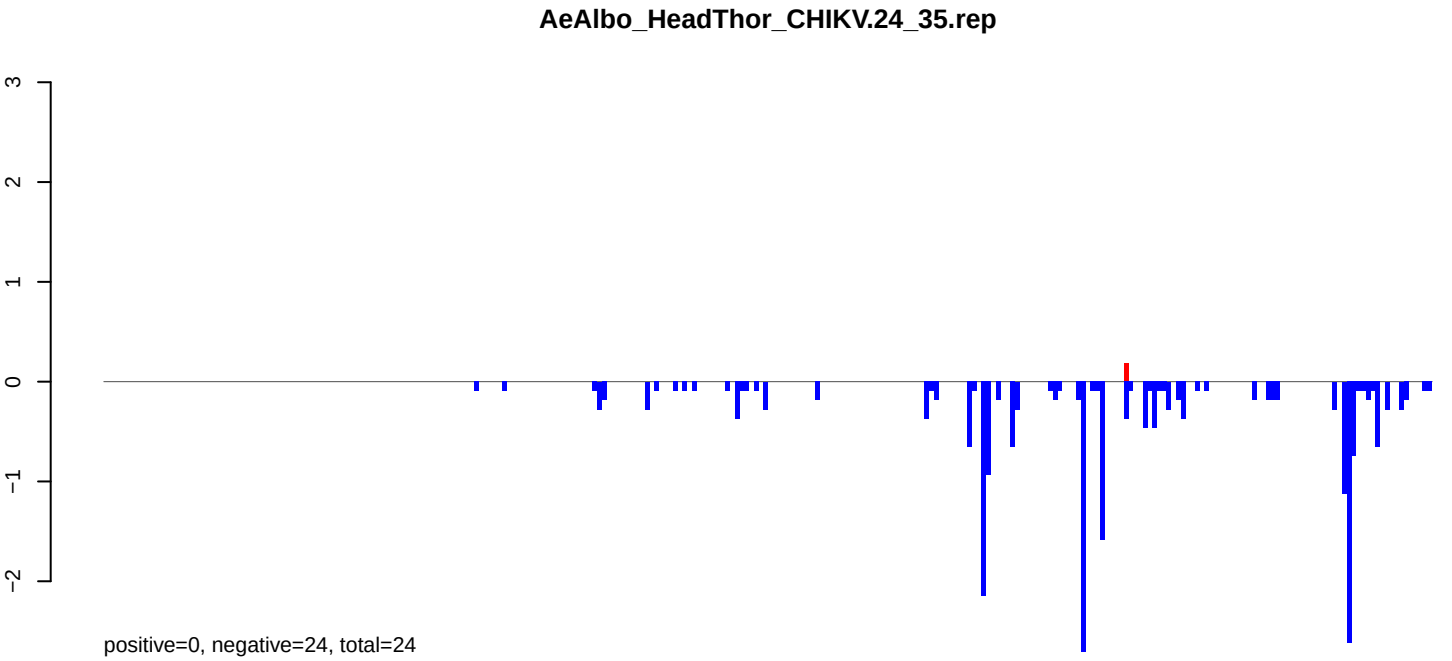

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=20, negative=21, total=41
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=22, negative=22, total=44
Window size=25, length=8762, TE@ltr−1_family−4416@LTR_Gypsy:1−8762
2
1
0
−1
−2
−3
0
2000
4000
6000
8000

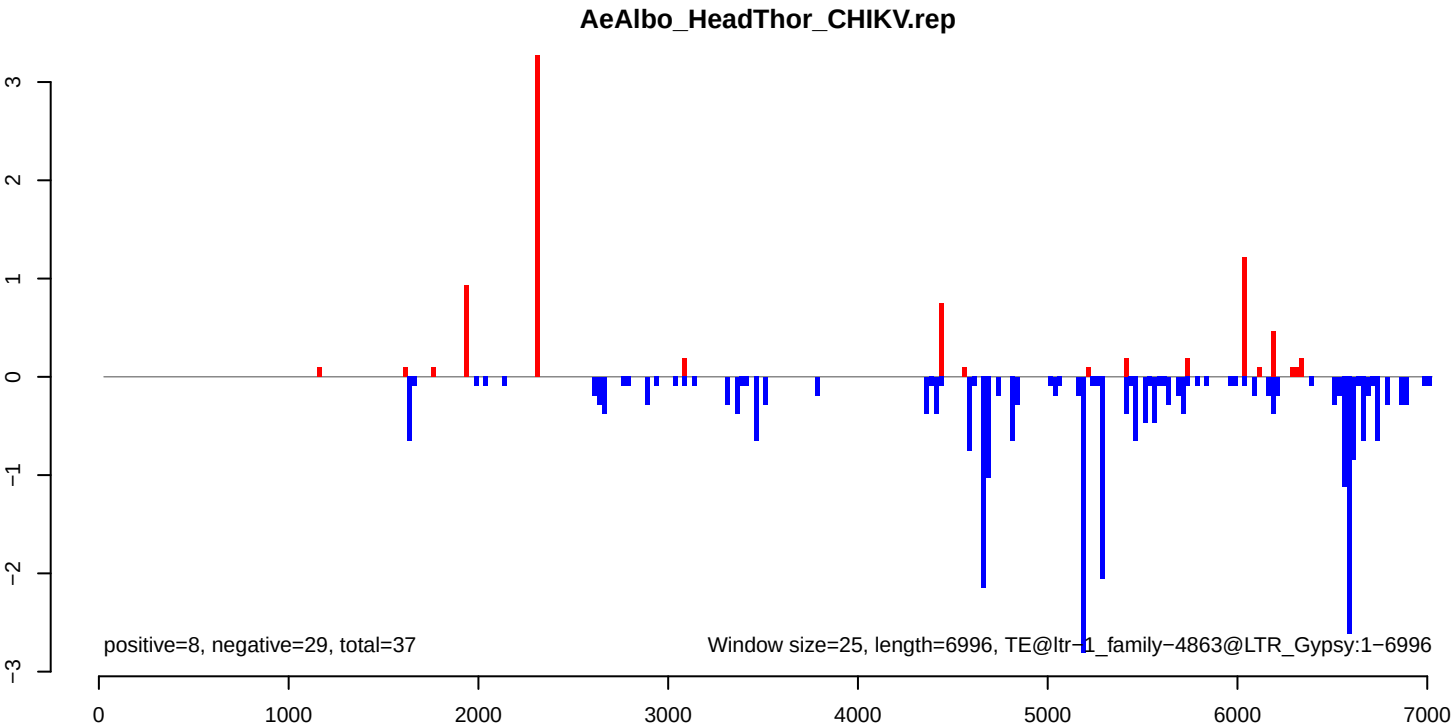

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=7, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=8, total=19
Window size=25, length=12061, TE@ltr−1_family−4264@LTR_Pao:1−12061
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
2000
4000
6000
8000
10000
12000

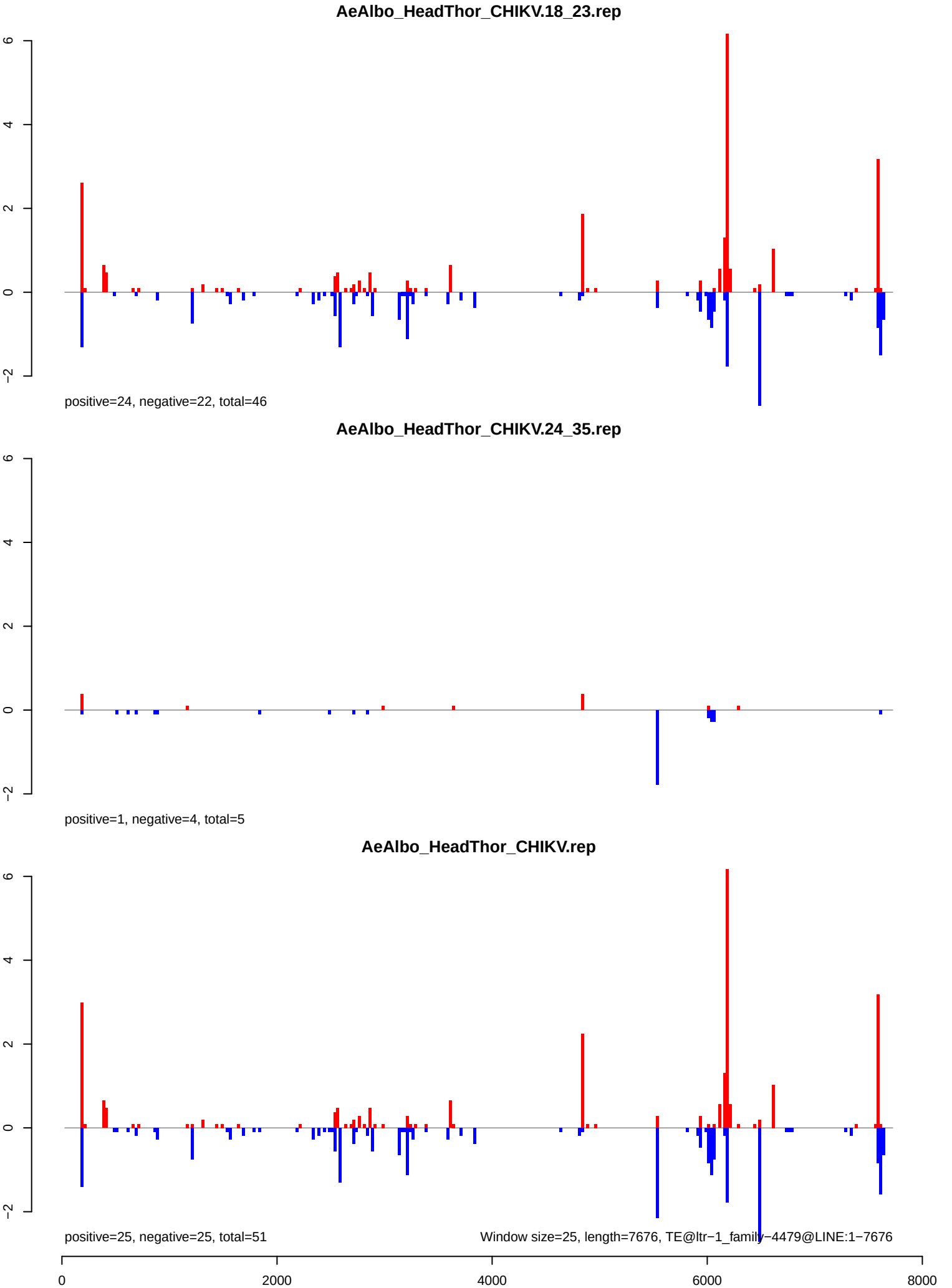

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=9, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=14, negative=4, total=18
AeAlbo_HeadThor_CHIKV.rep
positive=22, negative=14, total=36
Window size=25, length=6276, TE@ltr−1_family−3373@LTR_Gypsy:1−6276
0
1000
2000
3000
4000
5000
6000

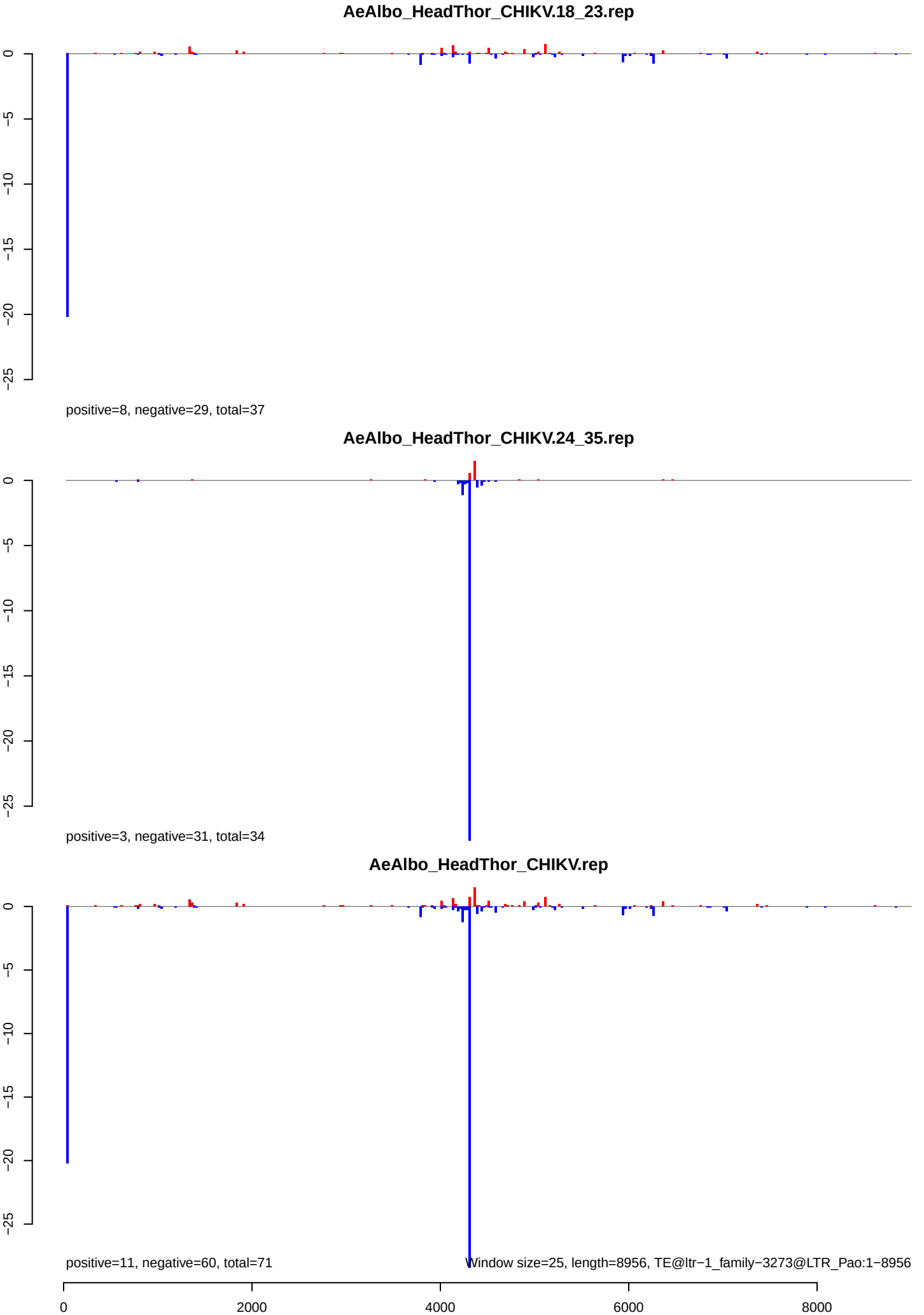

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=1, negative=70, total=71
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=76, total=79
Window size=25, length=4239, TE@ltr−1_family−5619@LTR_Gypsy:1−4239
0
1000
2000
3000
4000

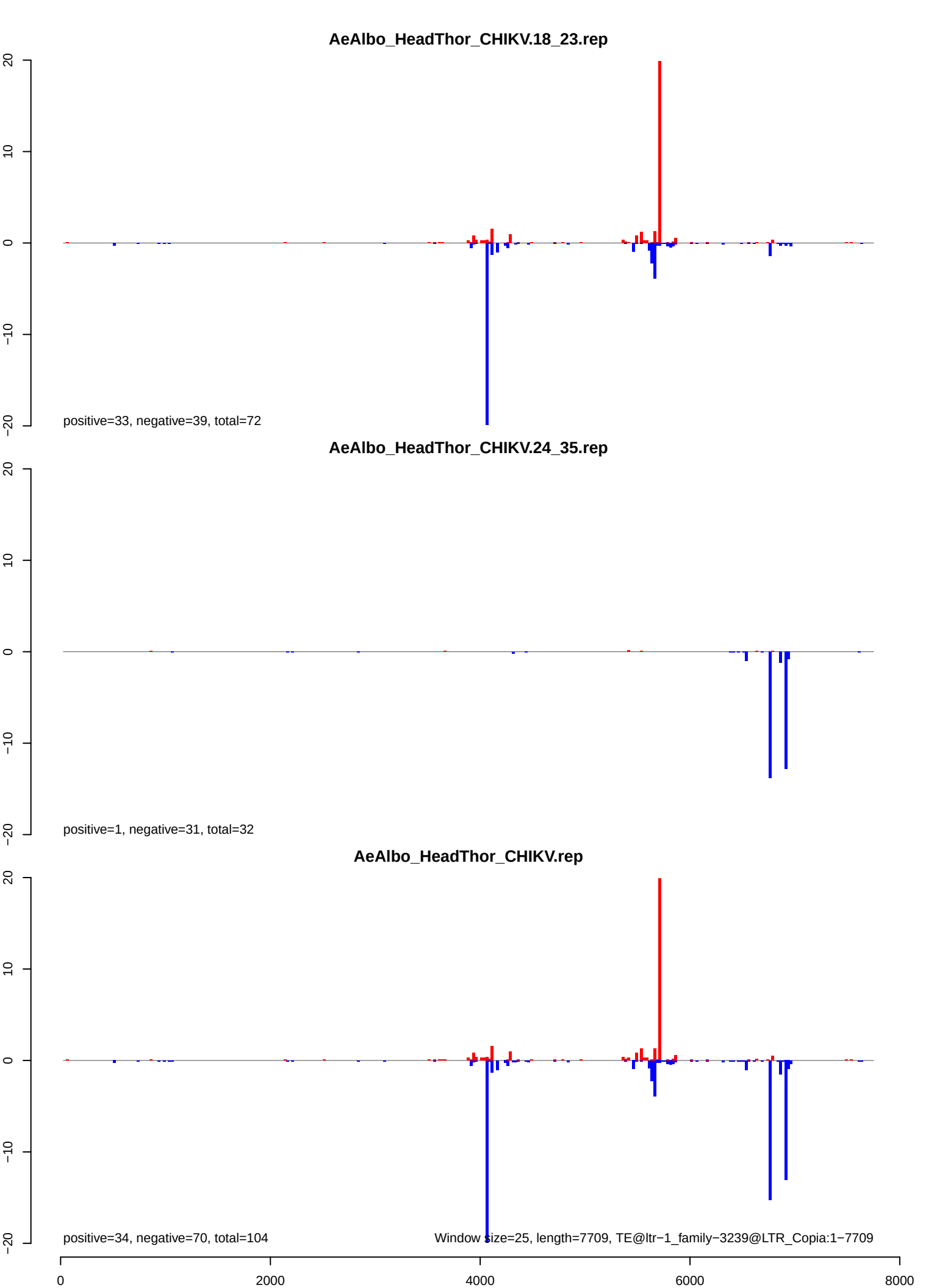

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
−2
positive=8, negative=5, total=13

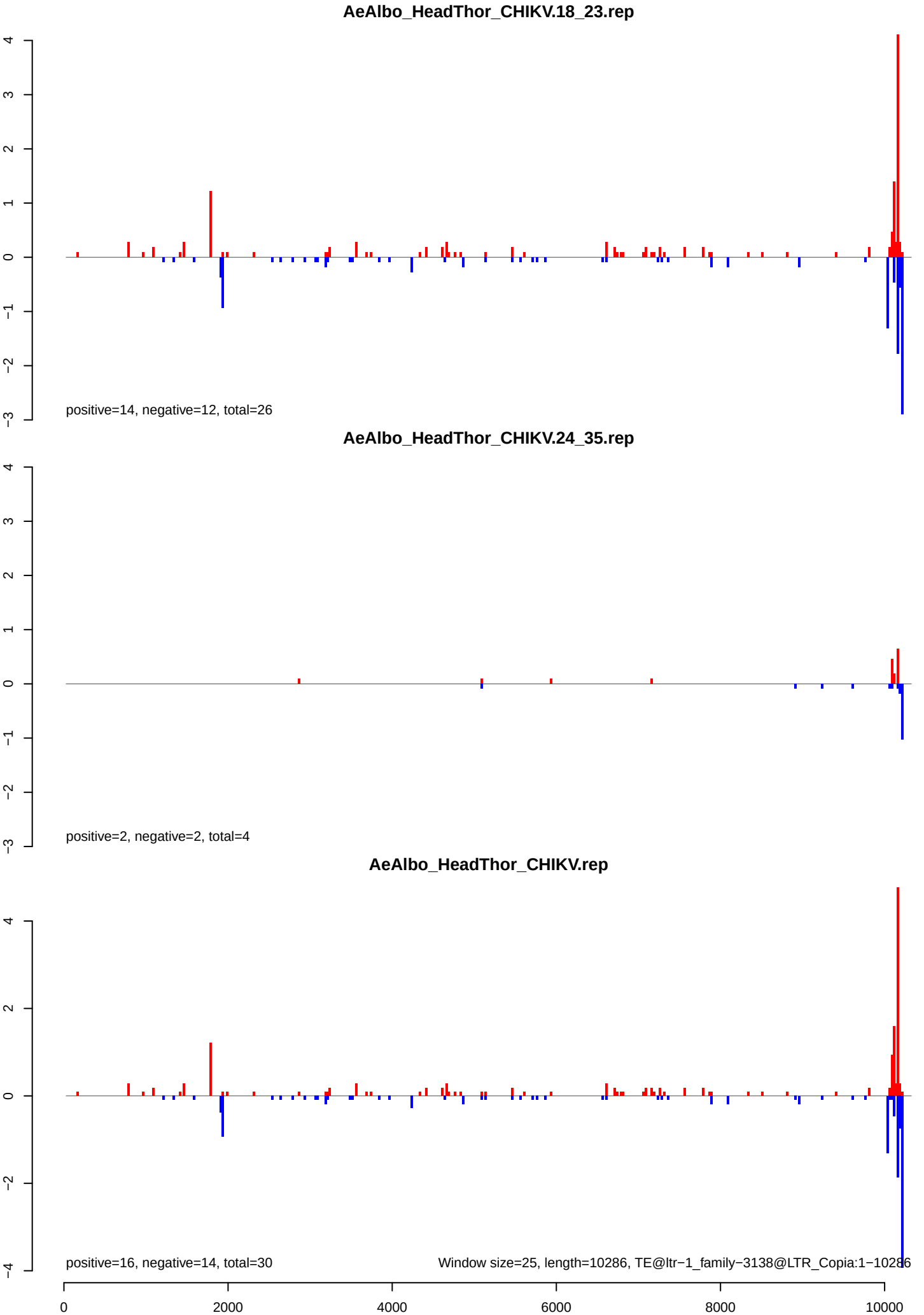

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
−2
positive=0, negative=24, total=24

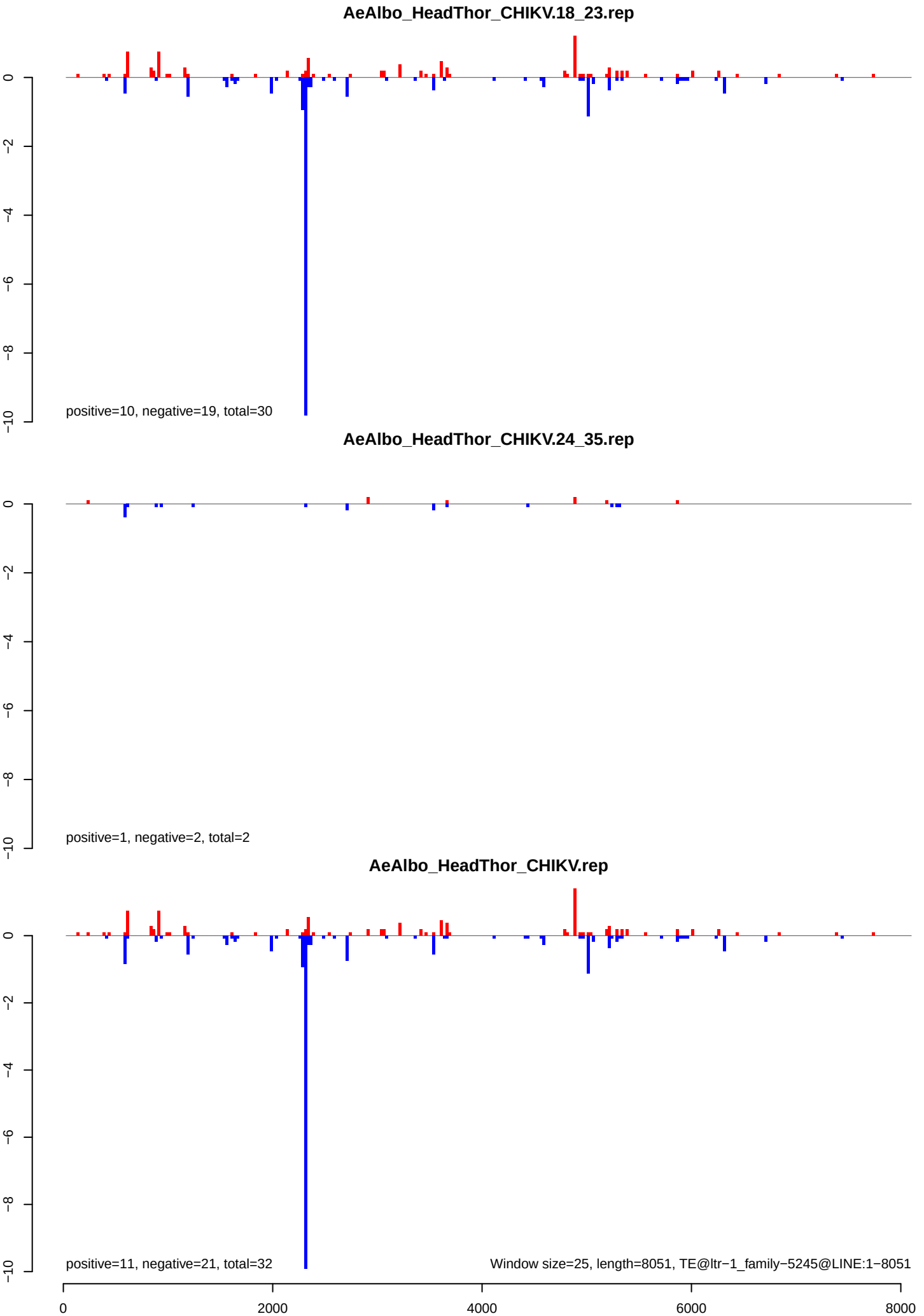

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
−2
−3
positive=8, negative=29, total=37
Window size=25, length=6996, TE@ltr−1_family−4863@LTR_Gypsy:1−6996
0
1000
2000
3000
4000
5000
6000
7000

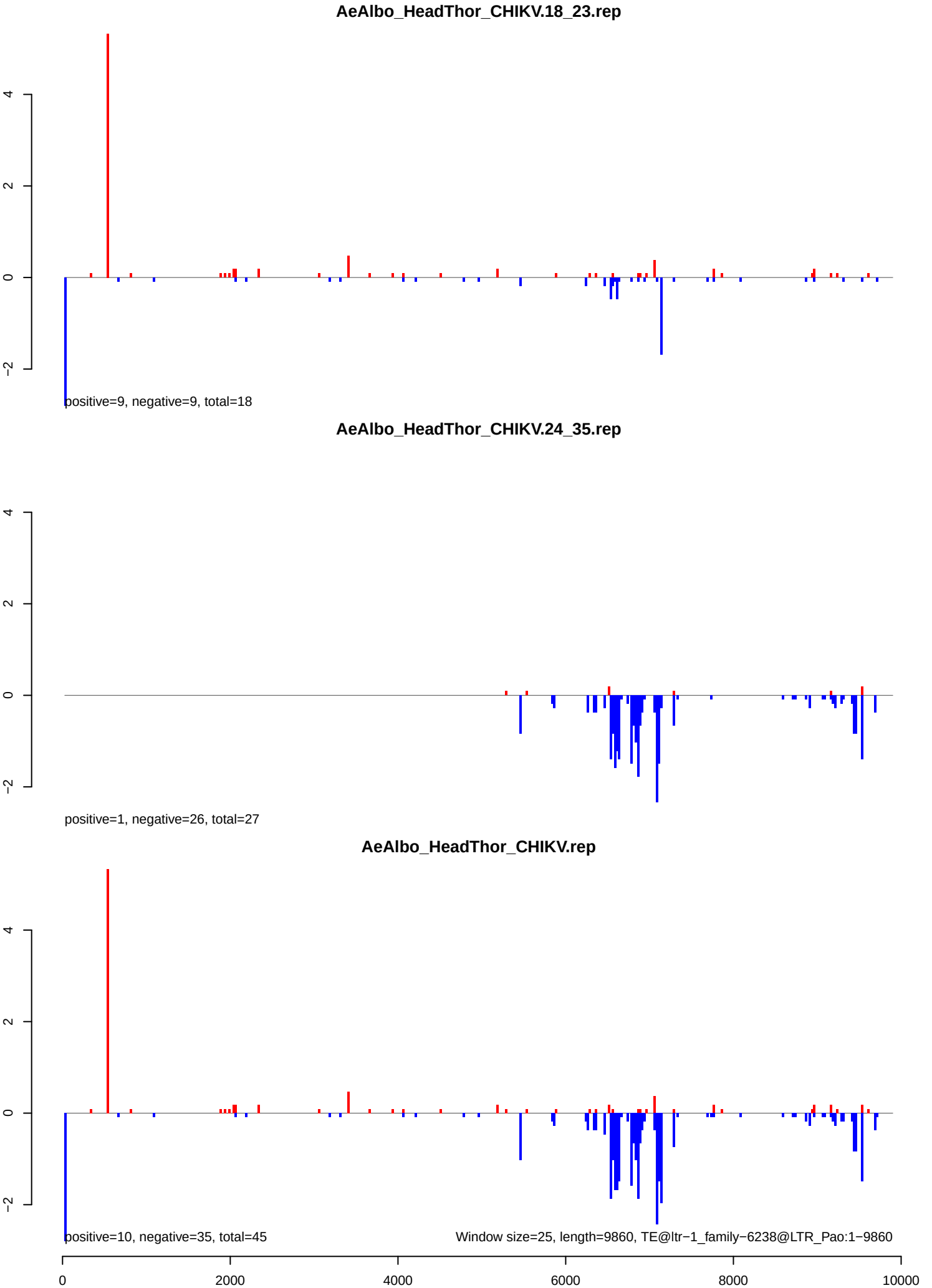

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=24, negative=22, total=46
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=4, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=25, negative=25, total=51
Window size=25, length=7676, TE@ltr−1_family−4479@LINE:1−7676
6
4
2
0
−2
0
2000
4000
6000
8000

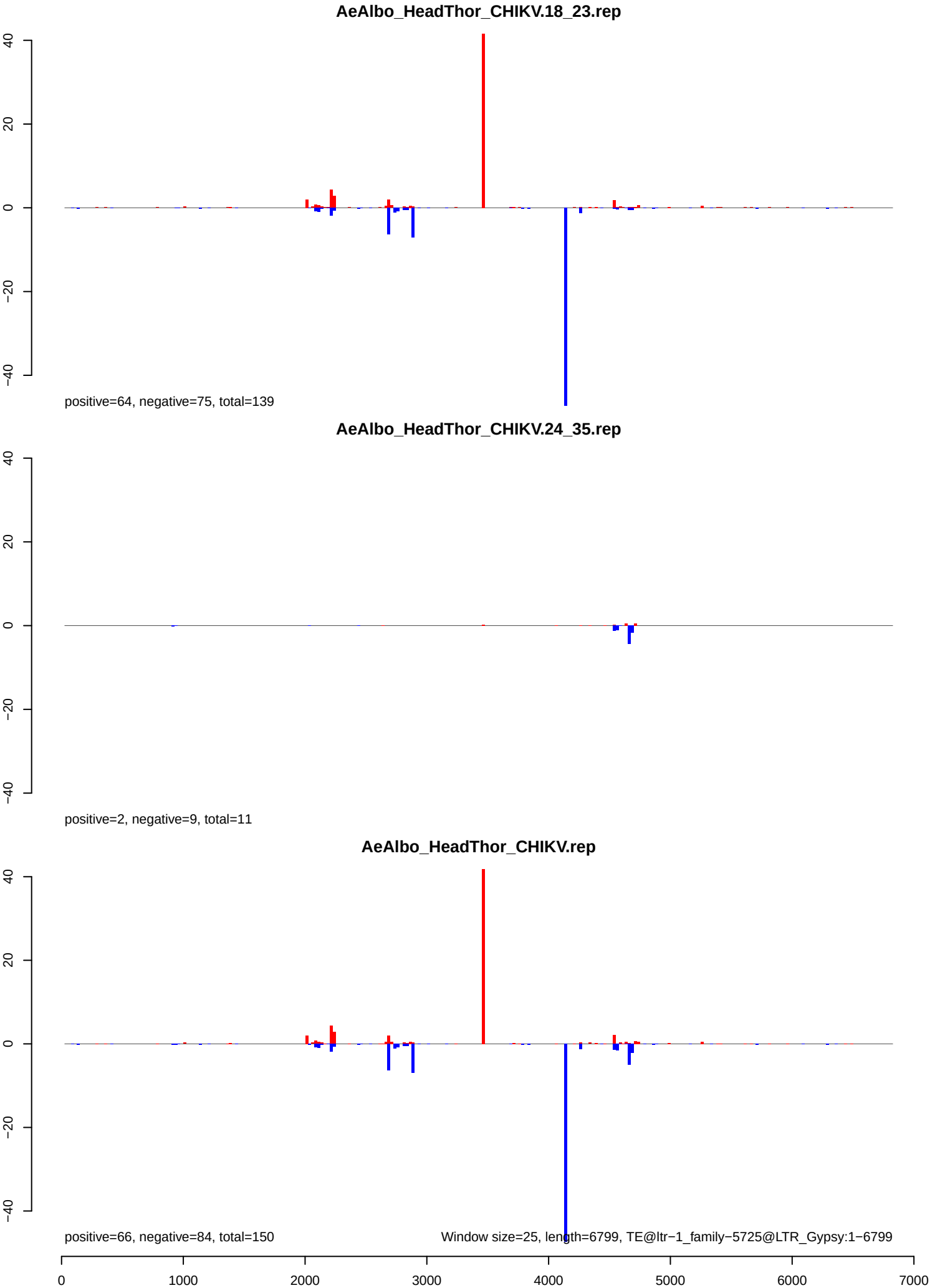

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=8, negative=29, total=37
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=3, negative=31, total=34
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=11, negative=60, total=71
Window size=25, length=8956, TE@ltr−1_family−3273@LTR_Pao:1−8956
0
2000
4000
6000
8000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=33, negative=39, total=72
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=31, total=32
AeAlbo_HeadThor_CHIKV.rep
positive=34, negative=70, total=104
Window size=25, length=7709, TE@ltr−1_family−3239@LTR_Copia:1−7709
20
10
0
−10
−20
0
2000
4000
6000
8000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=12, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=14, total=30
Window size=25, length=10286, TE@ltr−1_family−3138@LTR_Copia:1−10286
0
2000
4000
6000
8000
10000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=19, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=21, total=32
Window size=25, length=8051, TE@ltr−1_family−5245@LINE:1−8051
0
−2
−4
−6
−8
−10
0
2000
4000
6000
8000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=9, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=26, total=27
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=35, total=45
Window size=25, length=9860, TE@ltr−1_family−6238@LTR_Pao:1−9860
0
2000
4000
6000
8000
10000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=64, negative=75, total=139
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=9, total=11
AeAlbo_HeadThor_CHIKV.rep
positive=66, negative=84, total=150
Window size=25, length=6799, TE@ltr−1_family−5725@LTR_Gypsy:1−6799
40
20
0
−20
−40
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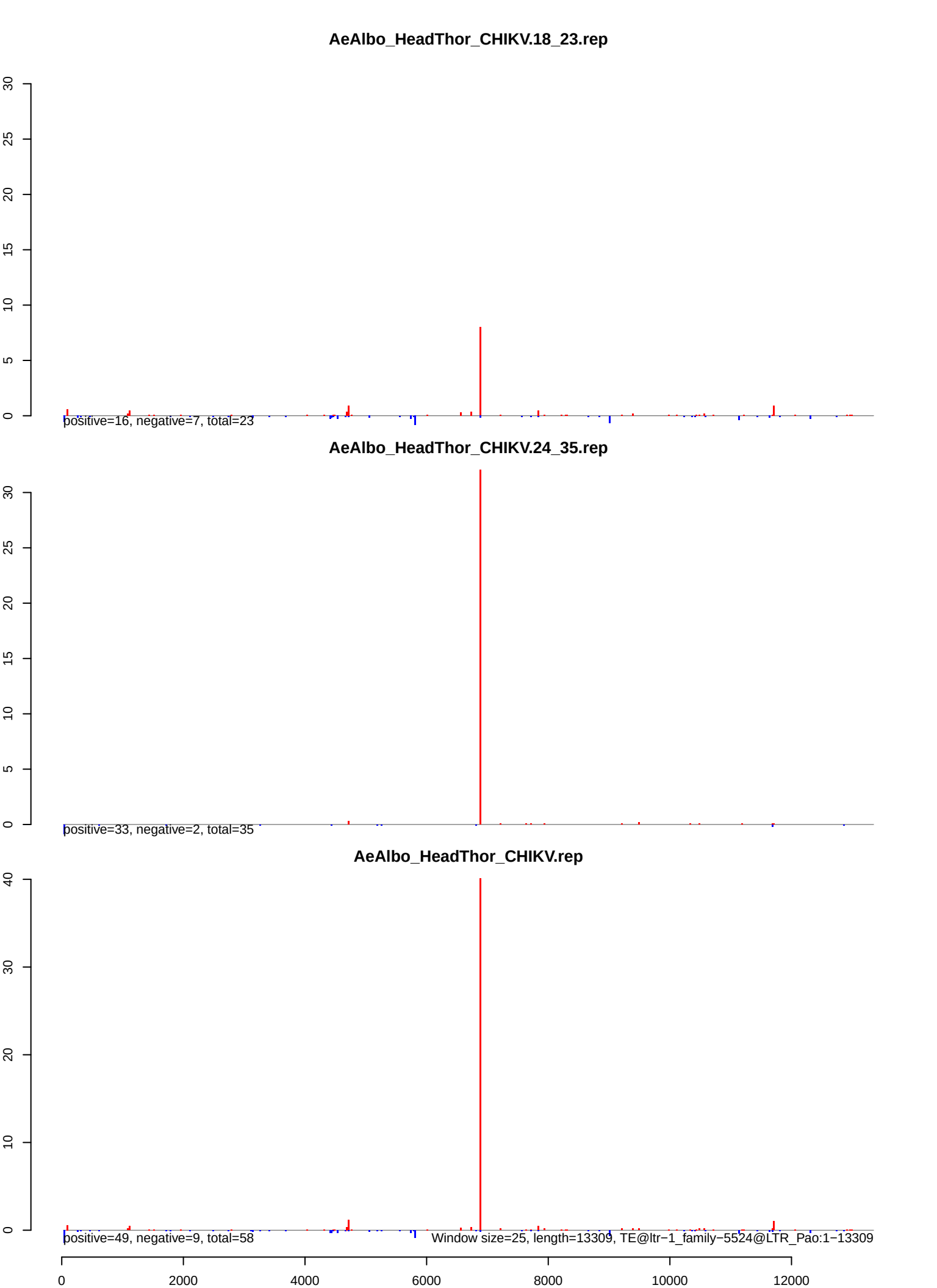
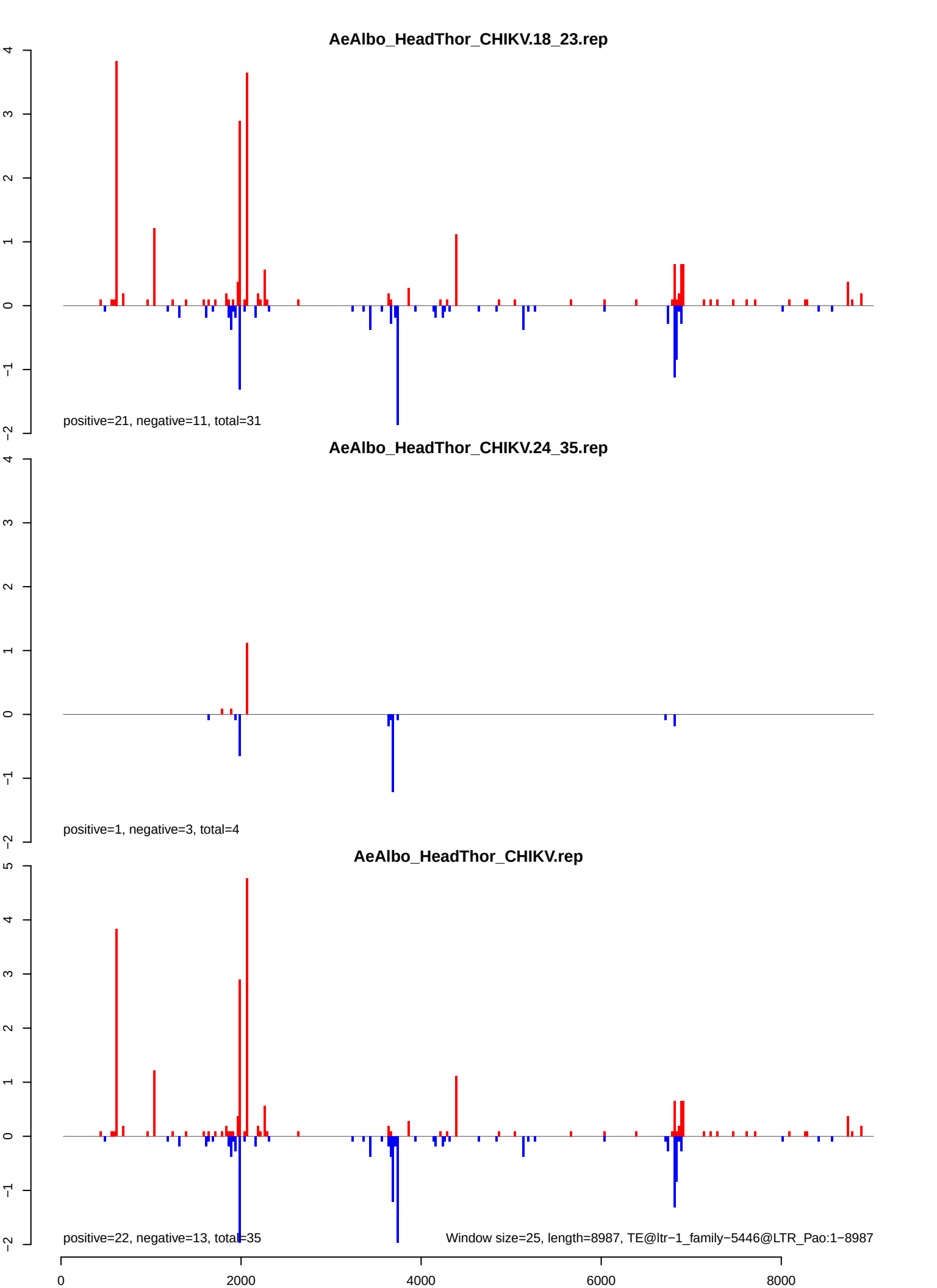
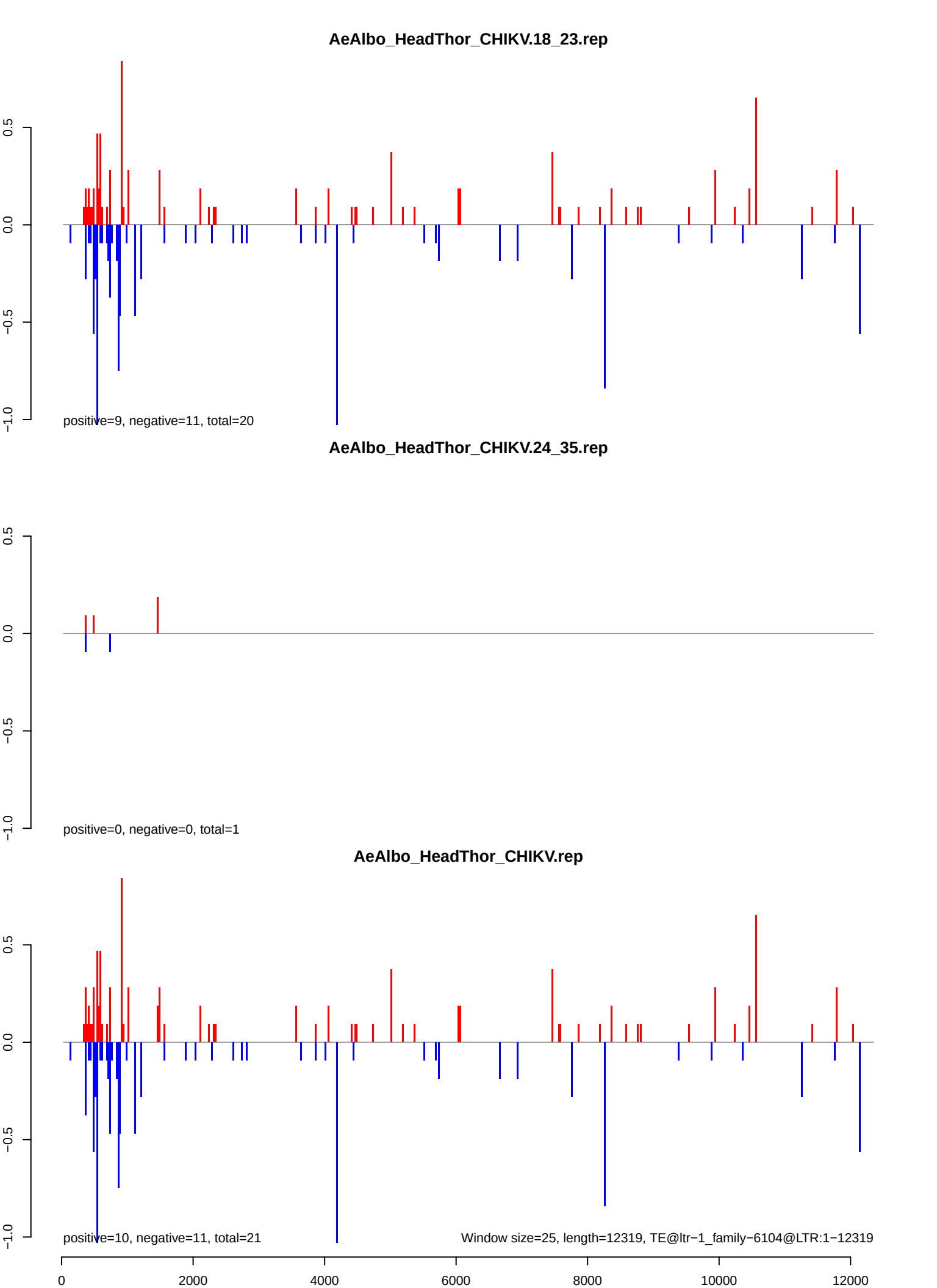
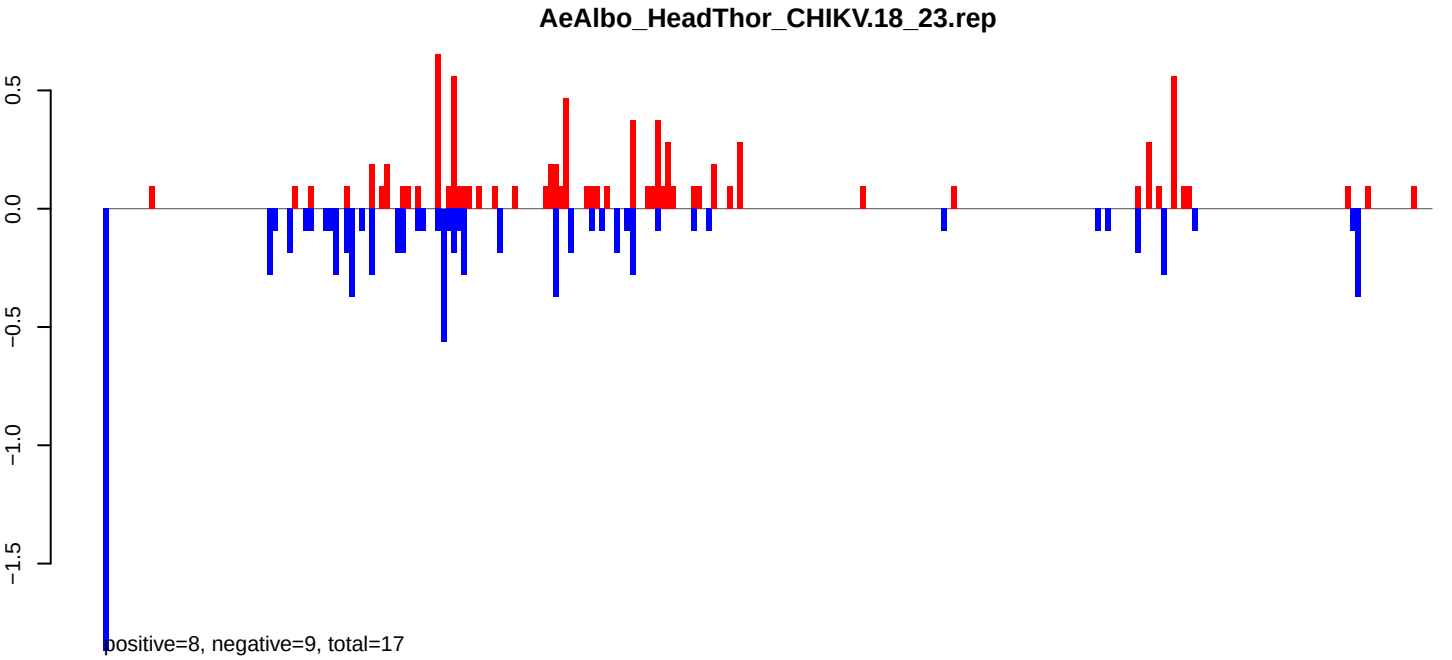
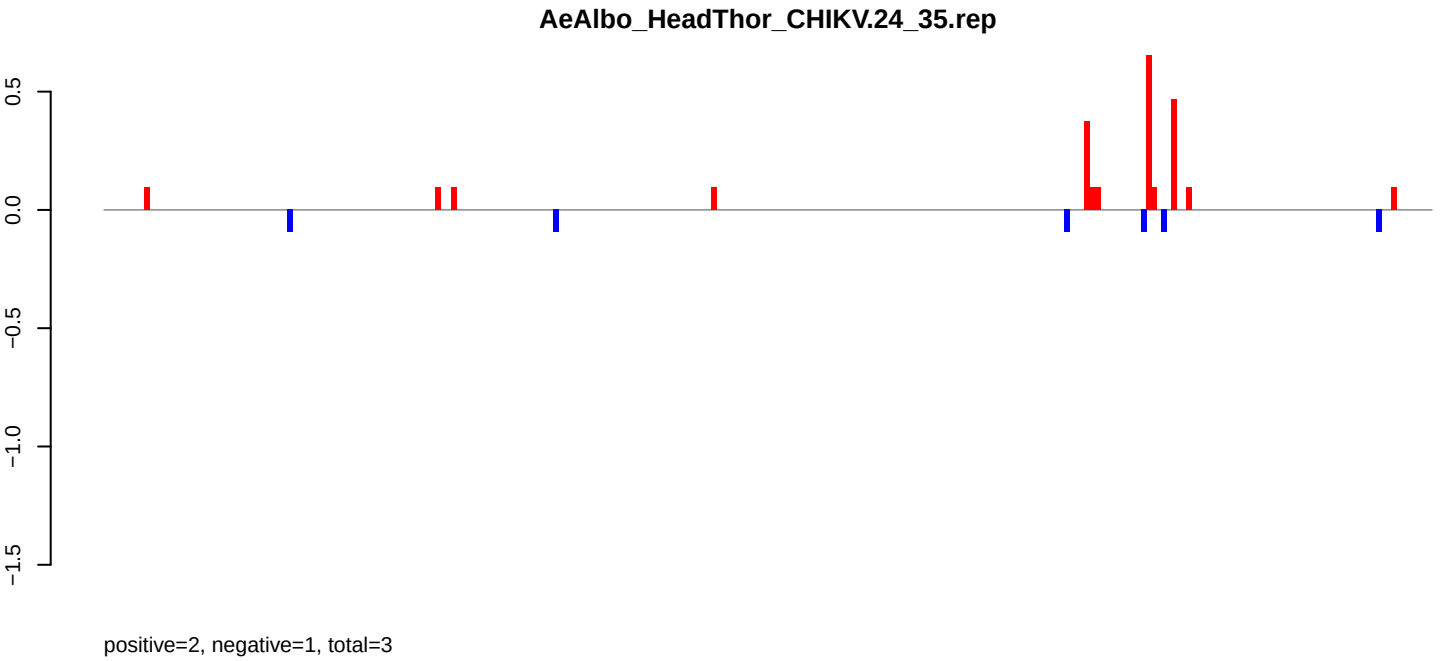
4000
5000
6000
7000

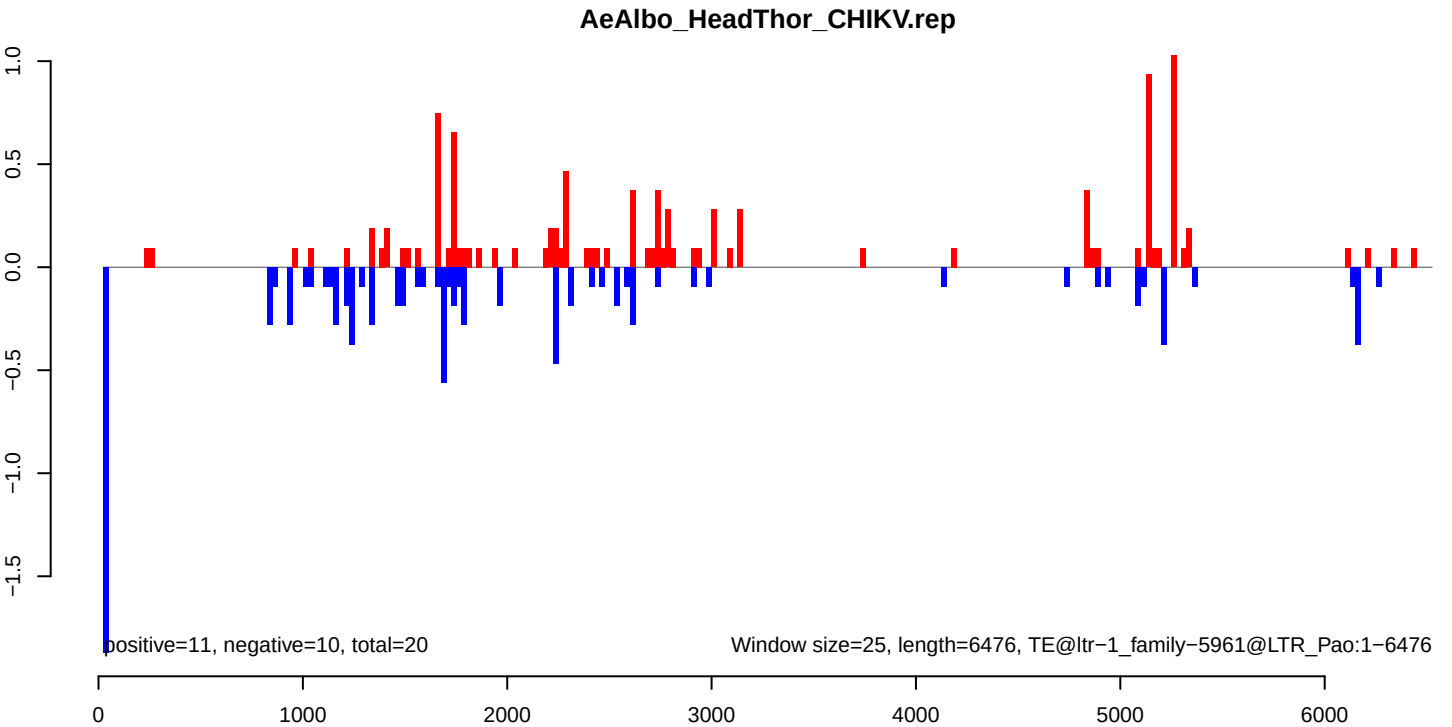

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
25
30
positive=16, negative=7, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
25
30
positive=33, negative=2, total=35
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=49, negative=9, total=58
Window size=25, length=13309, TE@ltr−1_family−5524@LTR_Pao:1−13309
0
2000
4000
6000
8000
10000
12000

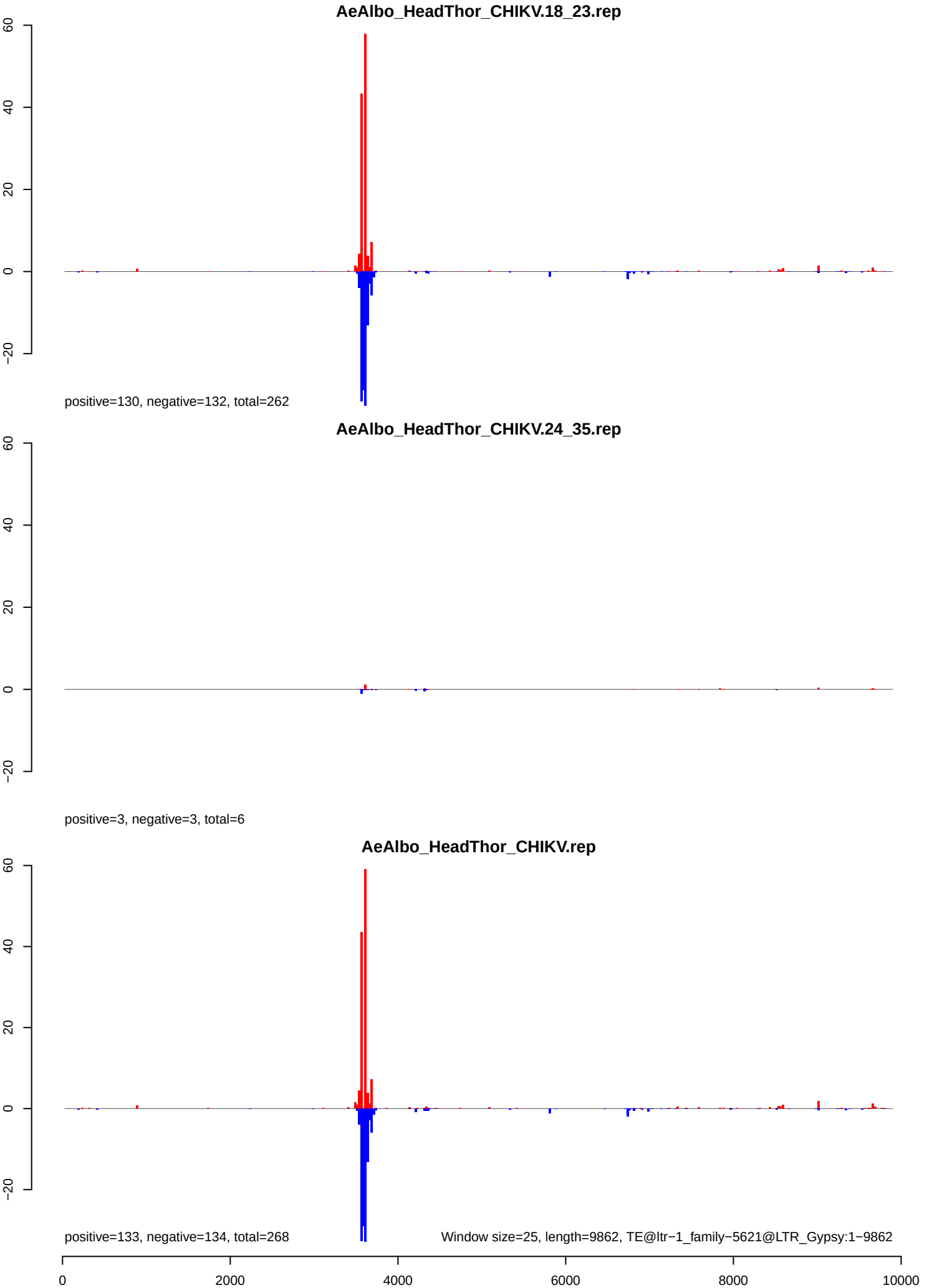

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=21, negative=11, total=31
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=22, negative=13, total=35
Window size=25, length=8987, TE@ltr−1_family−5446@LTR_Pao:1−8987
0
2000
4000
6000
8000

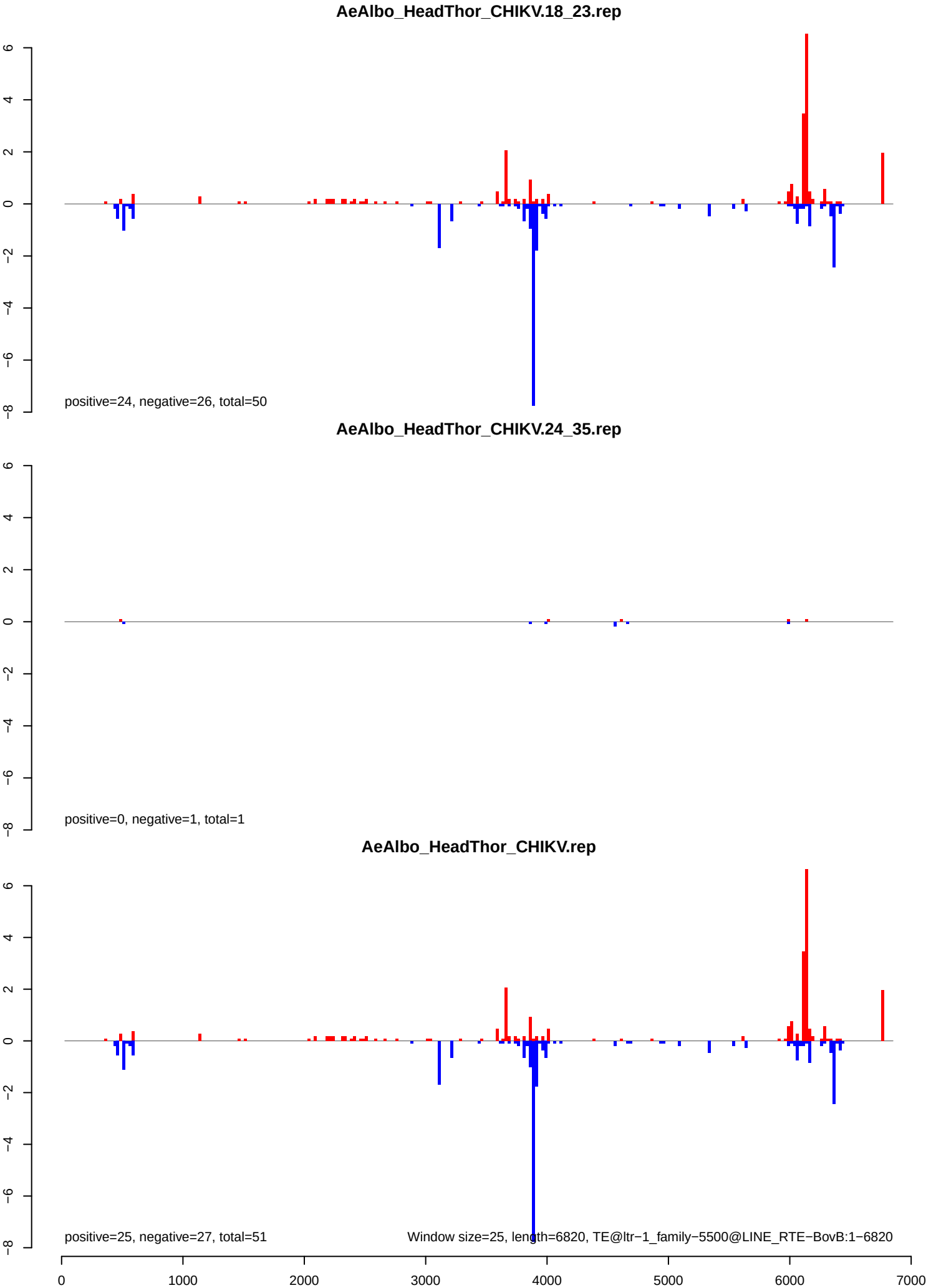

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=9, negative=11, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=10, negative=11, total=21
Window size=25, length=12319, TE@ltr−1_family−6104@LTR:1−12319
0
2000
4000
6000
8000
10000
12000

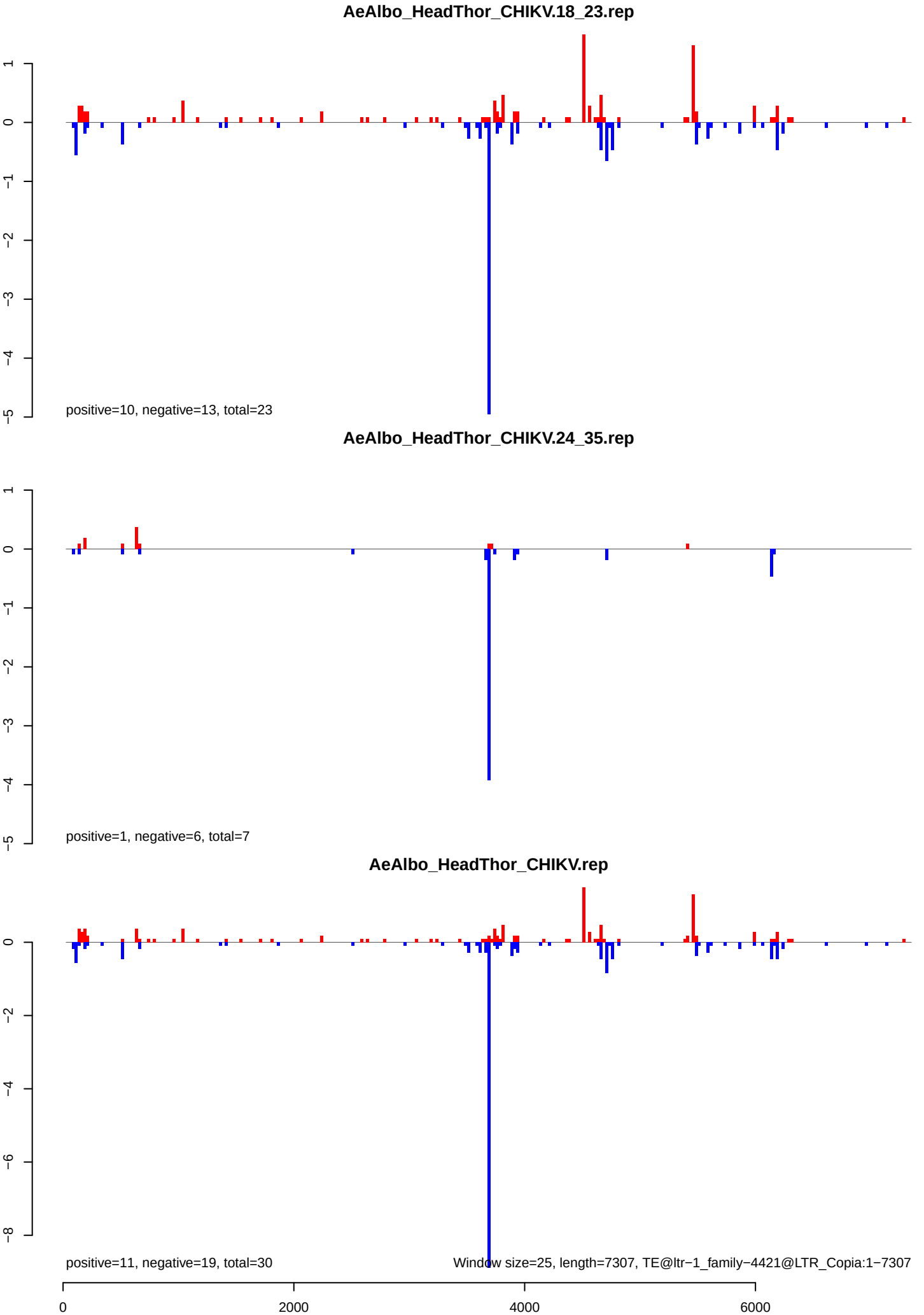

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=8, negative=9, total=17

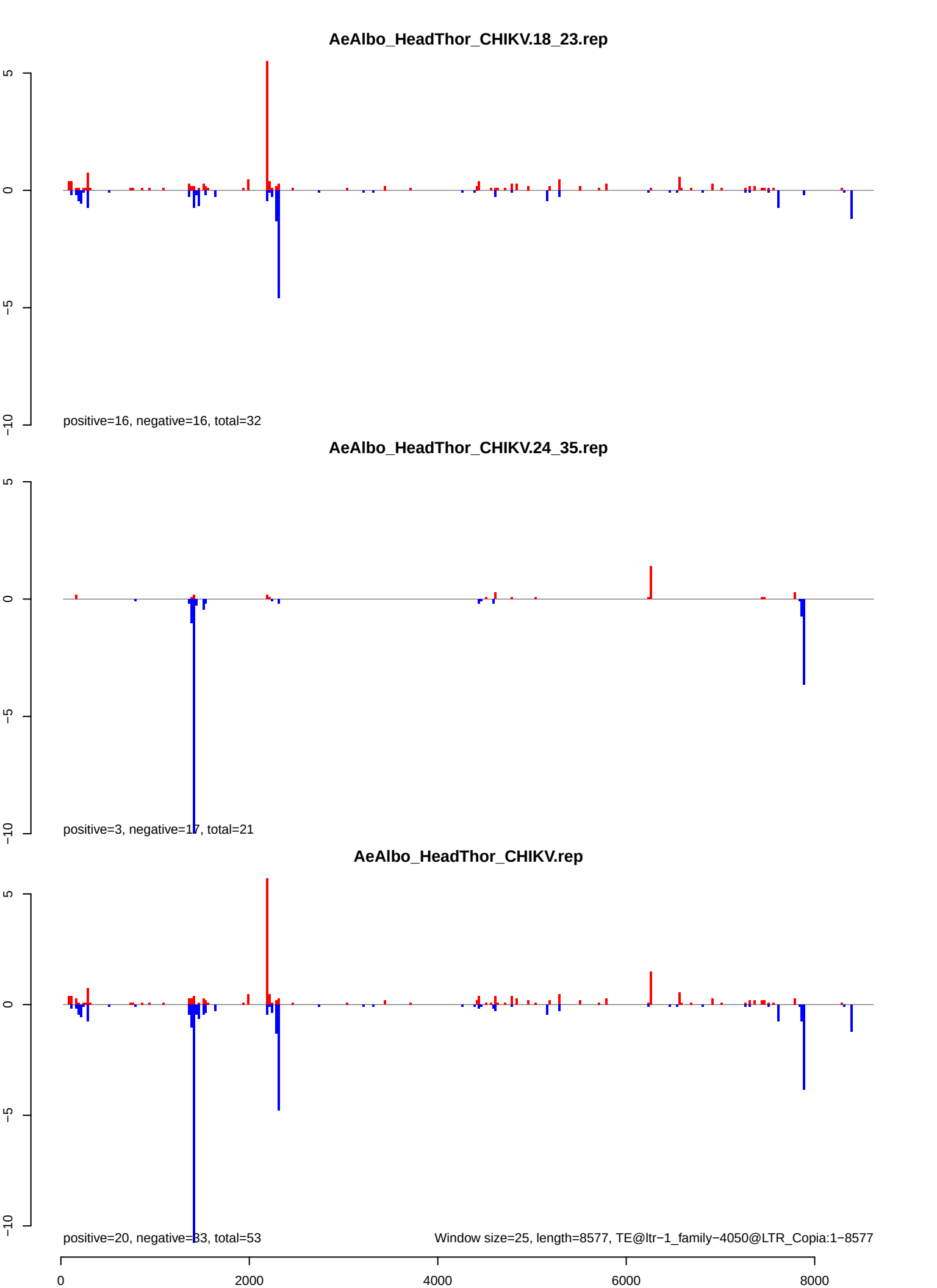

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=1, total=3

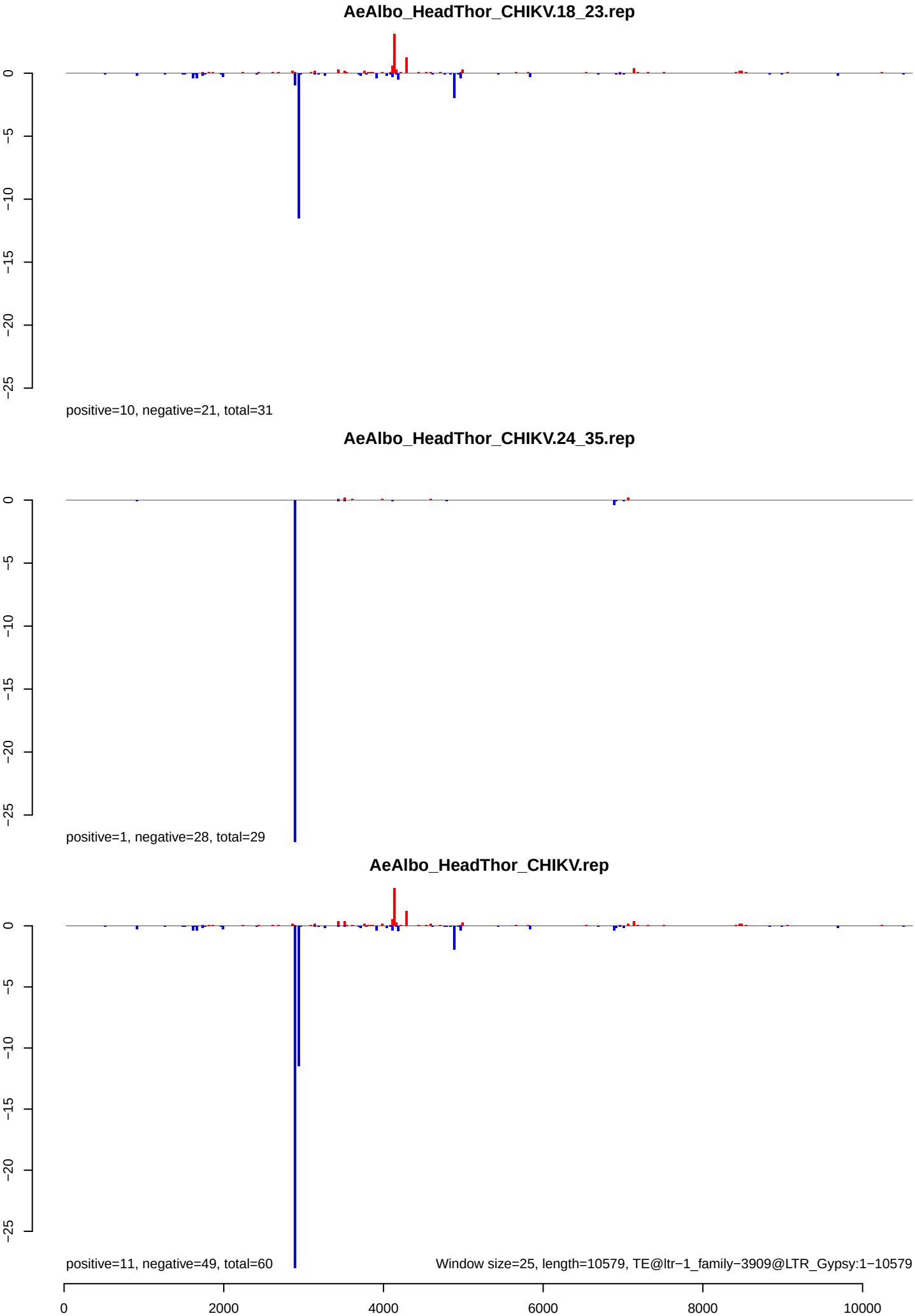

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=11, negative=10, total=20
Window size=25, length=6476, TE@ltr−1_family−5961@LTR_Pao:1−6476
0
1000
2000
3000
4000
5000
6000

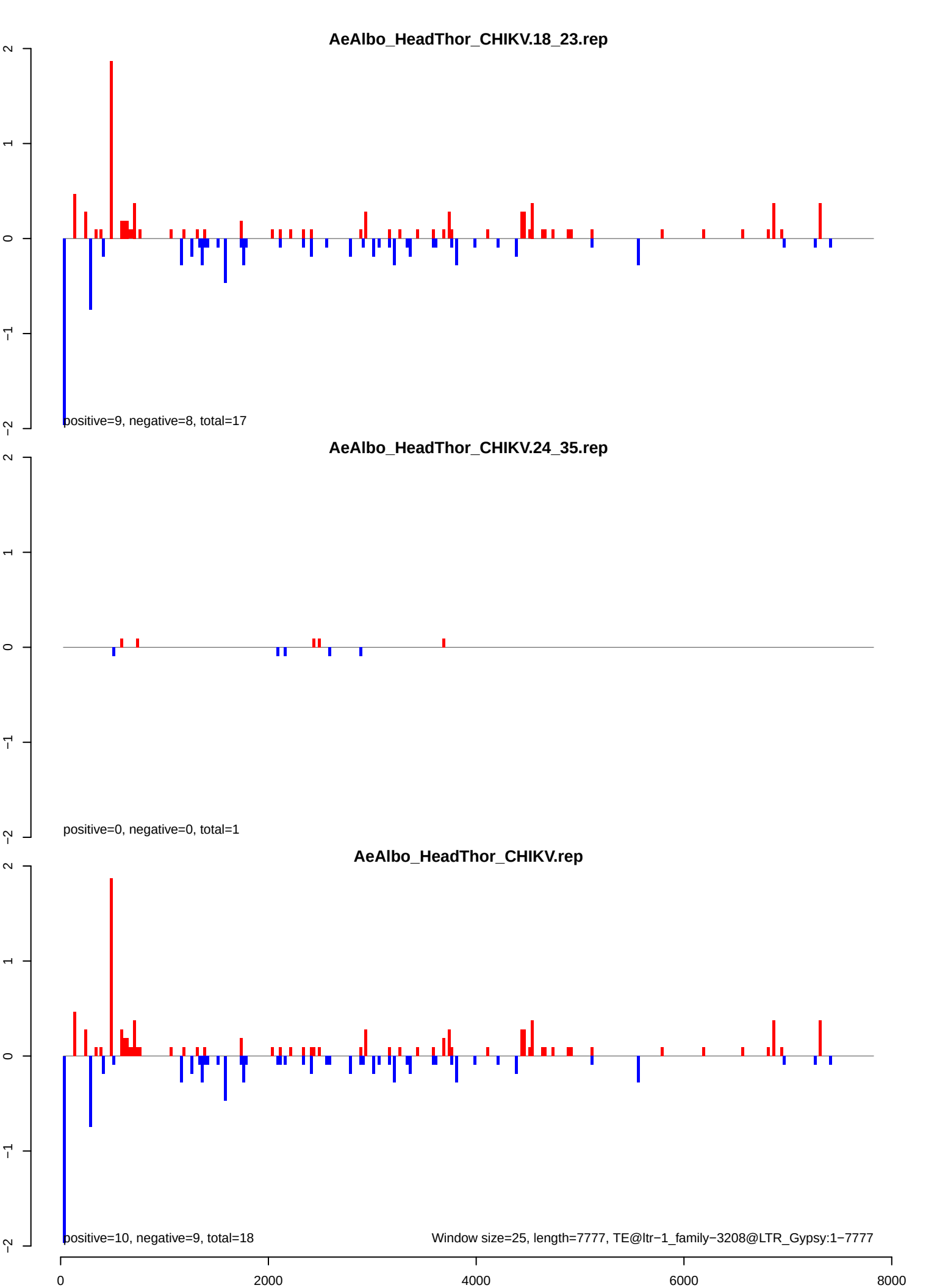

AeAlbo_HeadThor_CHIKV.18_23.rep
60
40
20
0
−20
positive=130, negative=132, total=262
AeAlbo_HeadThor_CHIKV.24_35.rep
60
40
20
0
−20
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.rep
60
40
20
0
−20
positive=133, negative=134, total=268
Window size=25, length=9862, TE@ltr−1_family−5621@LTR_Gypsy:1−9862
0
2000
4000
6000
8000
10000

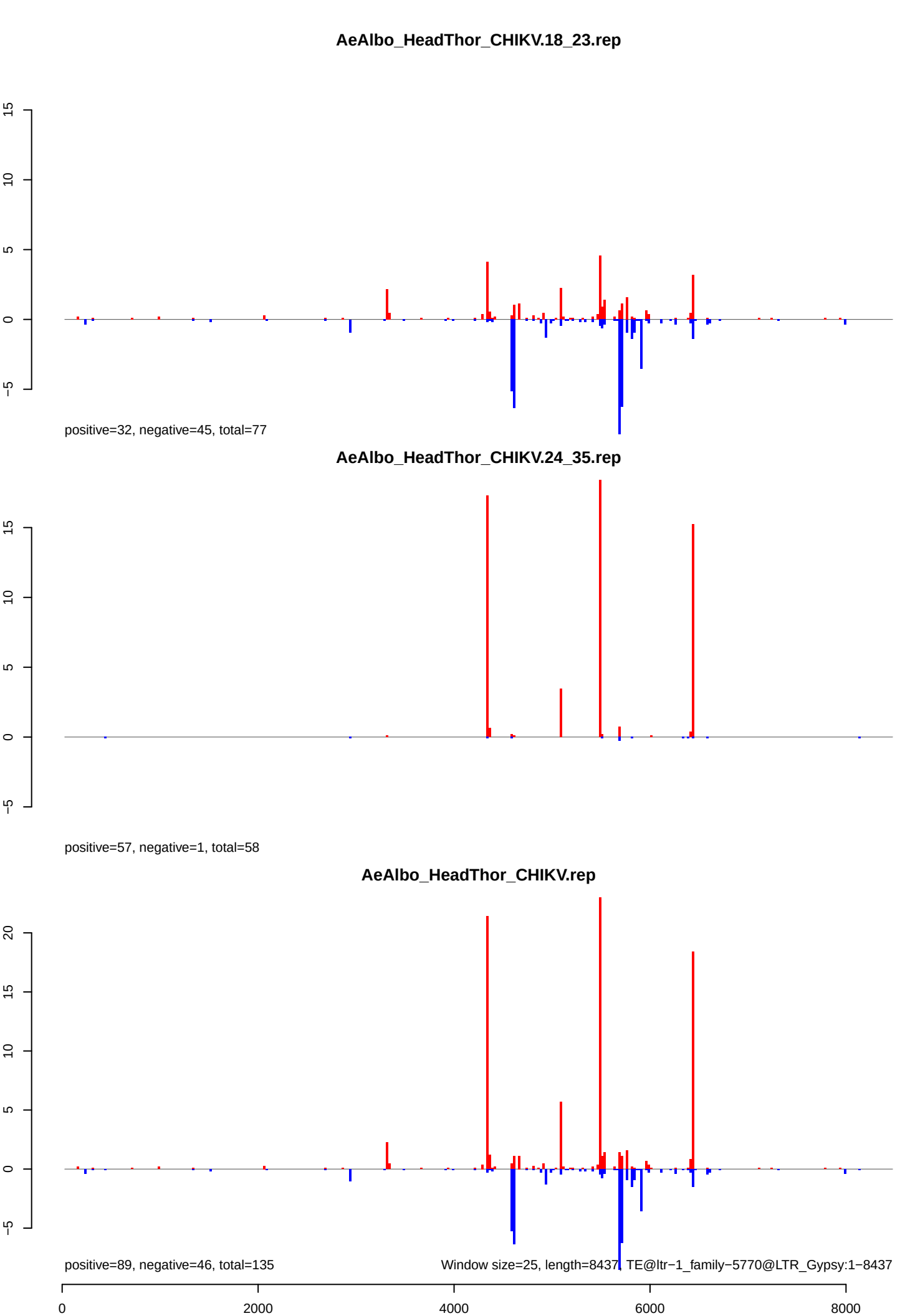

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=24, negative=26, total=50
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=25, negative=27, total=51
Window size=25, length=6820, TE@ltr−1_family−5500@LINE_RTE−BovB:1−6820
6
4
2
0
−2
−4
−6
−8
0
1000
2000
3000
4000
5000
6000
7000

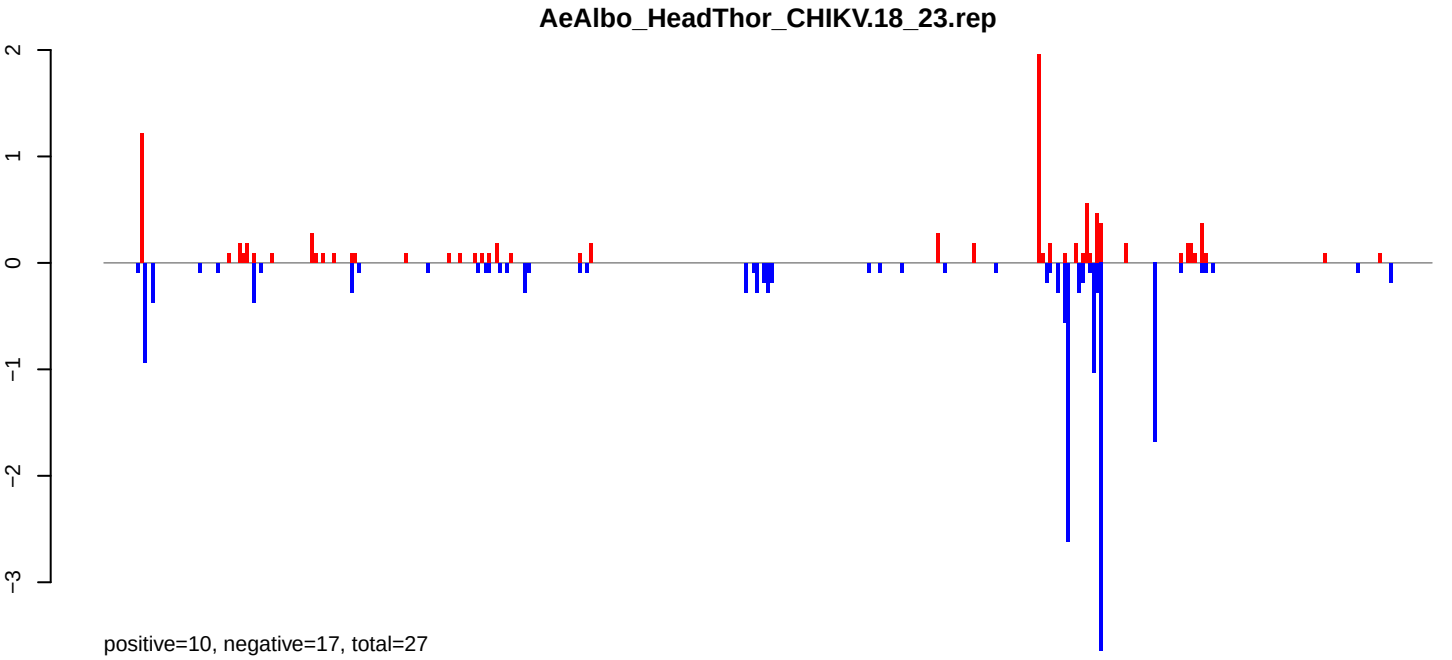

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=13, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=19, total=30
Window size=25, length=7307, TE@ltr−1_family−4421@LTR_Copia:1−7307
0
2000
4000
6000

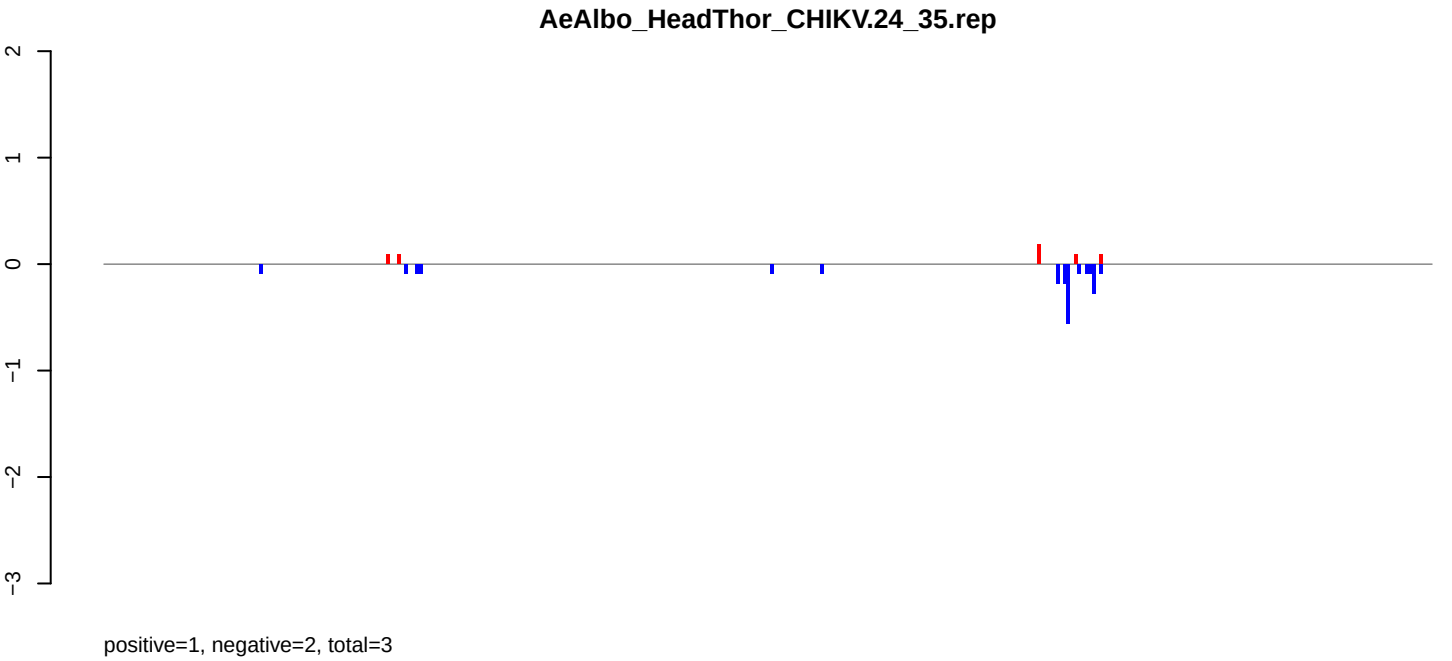

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=16, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=17, total=21
AeAlbo_HeadThor_CHIKV.rep
positive=20, negative=33, total=53
Window size=25, length=8577, TE@ltr−1_family−4050@LTR_Copia:1−8577
5
0
−5
−10
0
2000
4000
6000
8000

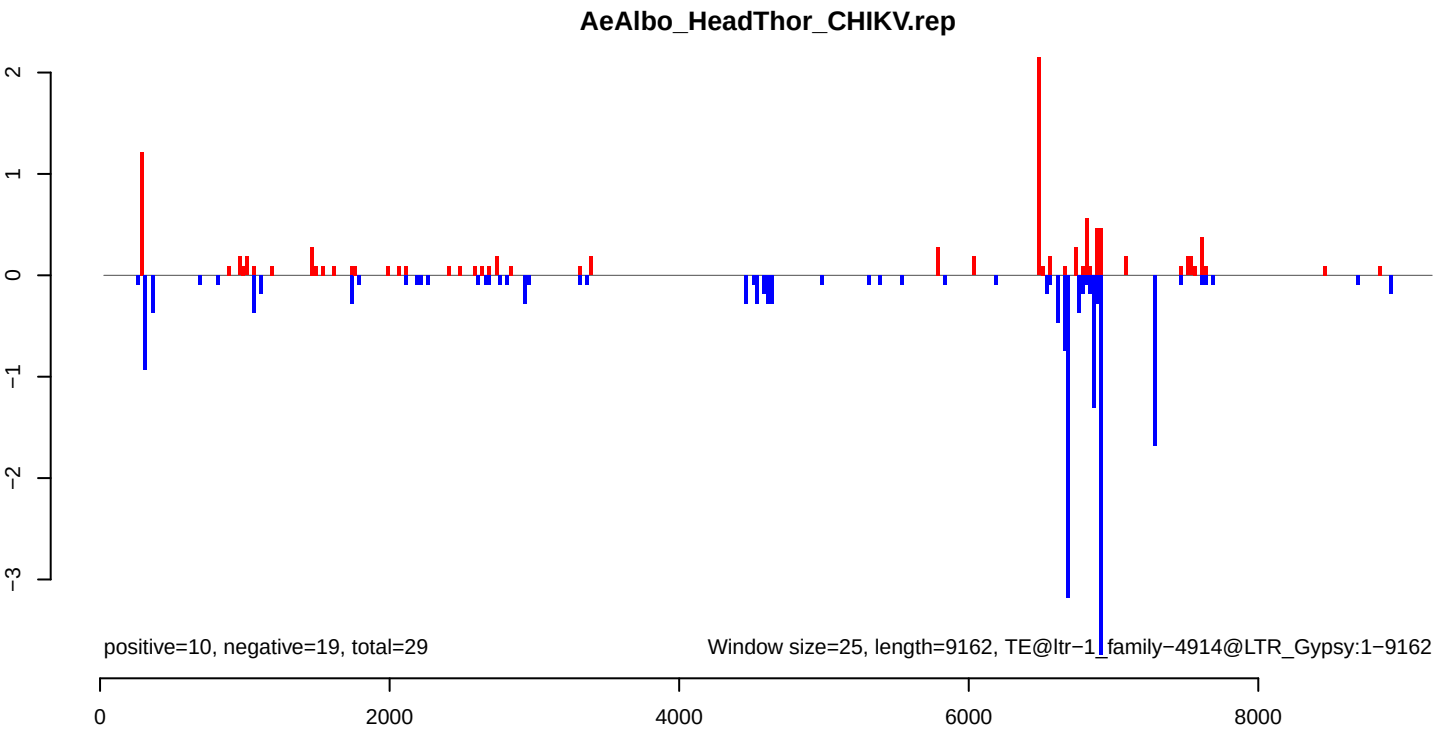

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=10, negative=21, total=31
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=1, negative=28, total=29
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=11, negative=49, total=60
Window size=25, length=10579, TE@ltr−1_family−3909@LTR_Gypsy:1−10579
0
2000
4000
6000
8000
10000

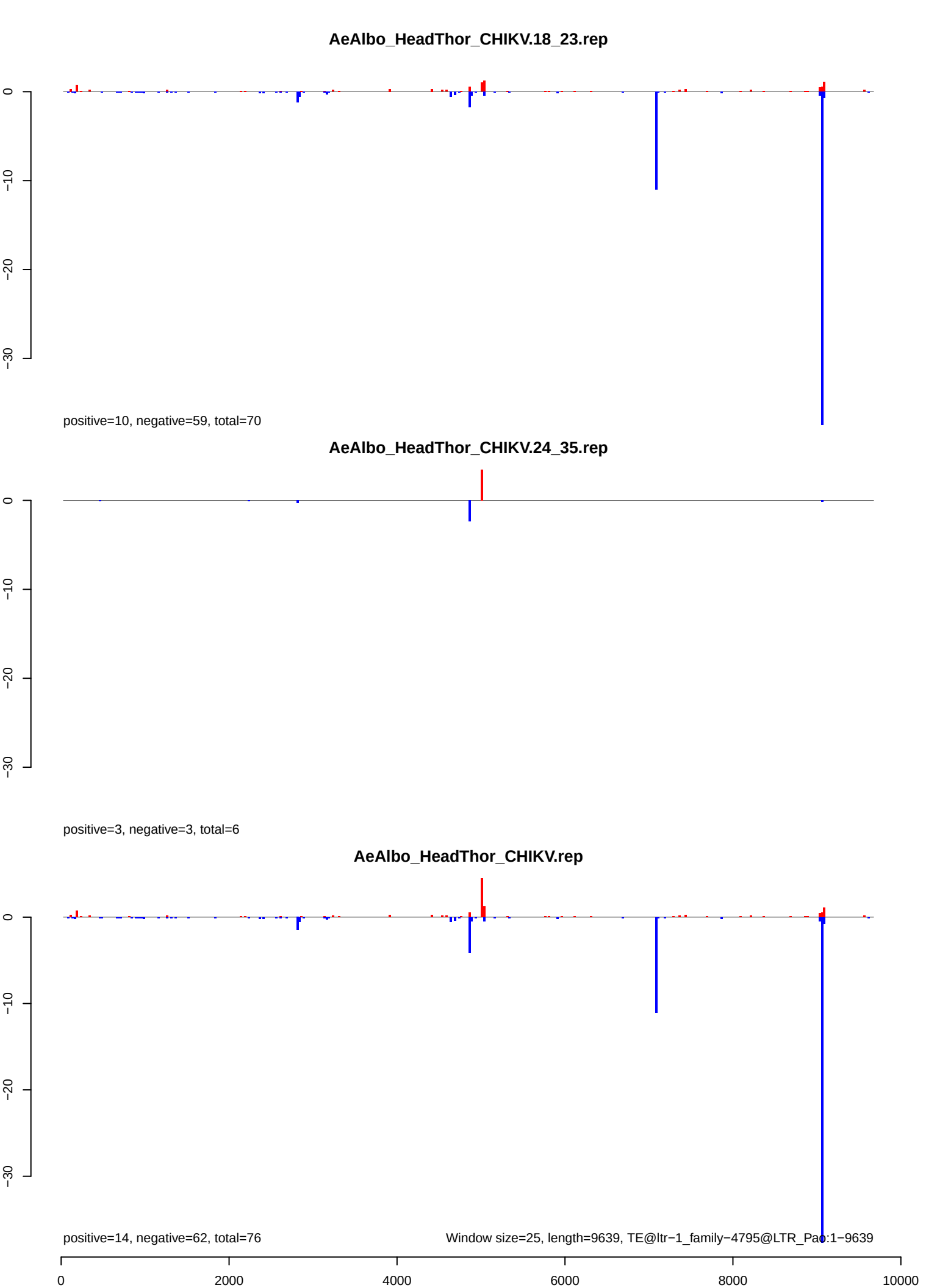

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=8, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=9, total=18
Window size=25, length=7777, TE@ltr−1_family−3208@LTR_Gypsy:1−7777
2
1
0
−1
−2
0
2000
4000
6000
8000

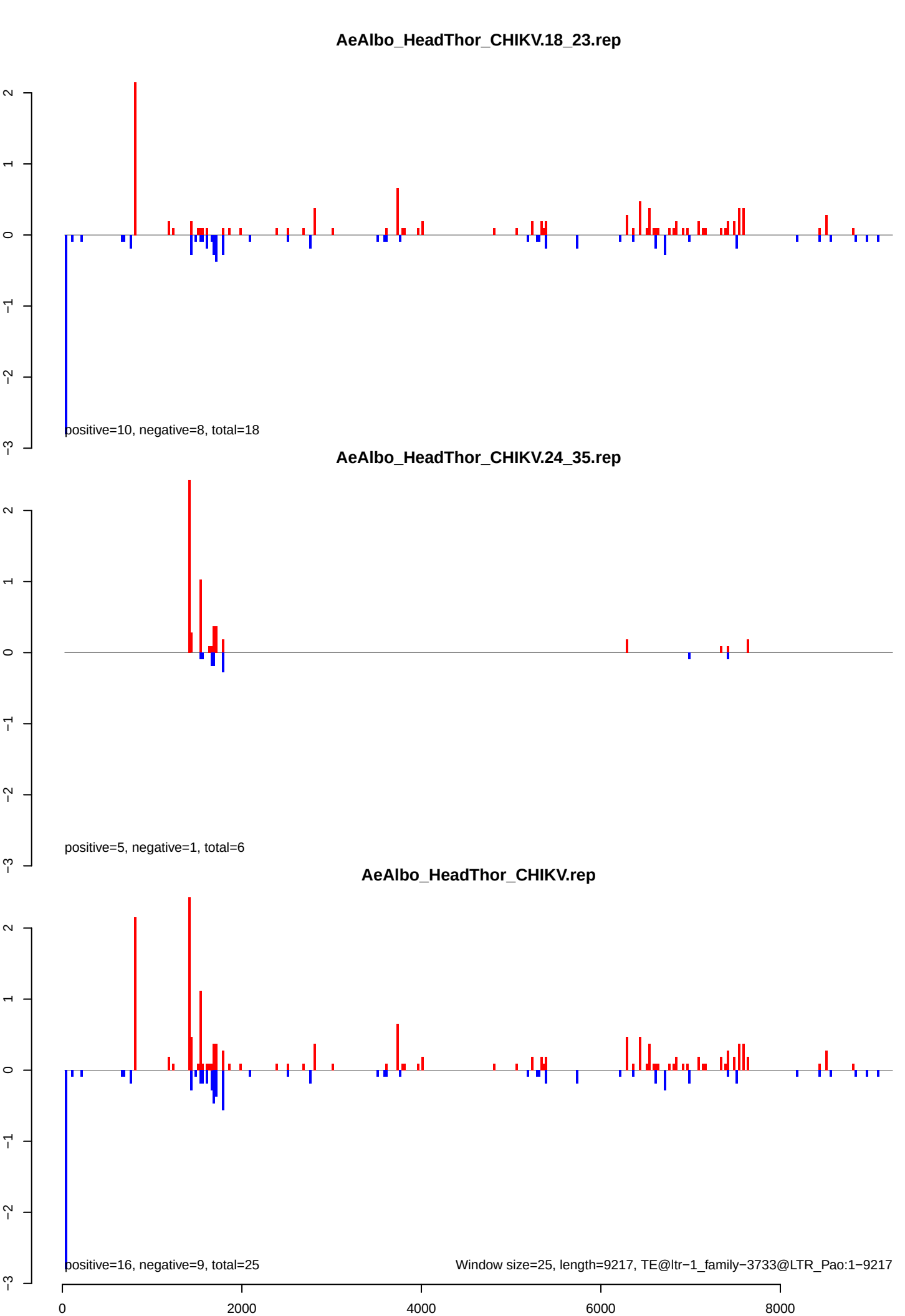

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
positive=32, negative=45, total=77
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
positive=57, negative=1, total=58
AeAlbo_HeadThor_CHIKV.rep
20
15
10
5
0
−5
positive=89, negative=46, total=135
Window size=25, length=8437, TE@ltr−1_family−5770@LTR_Gypsy:1−8437
0
2000
4000
6000
8000

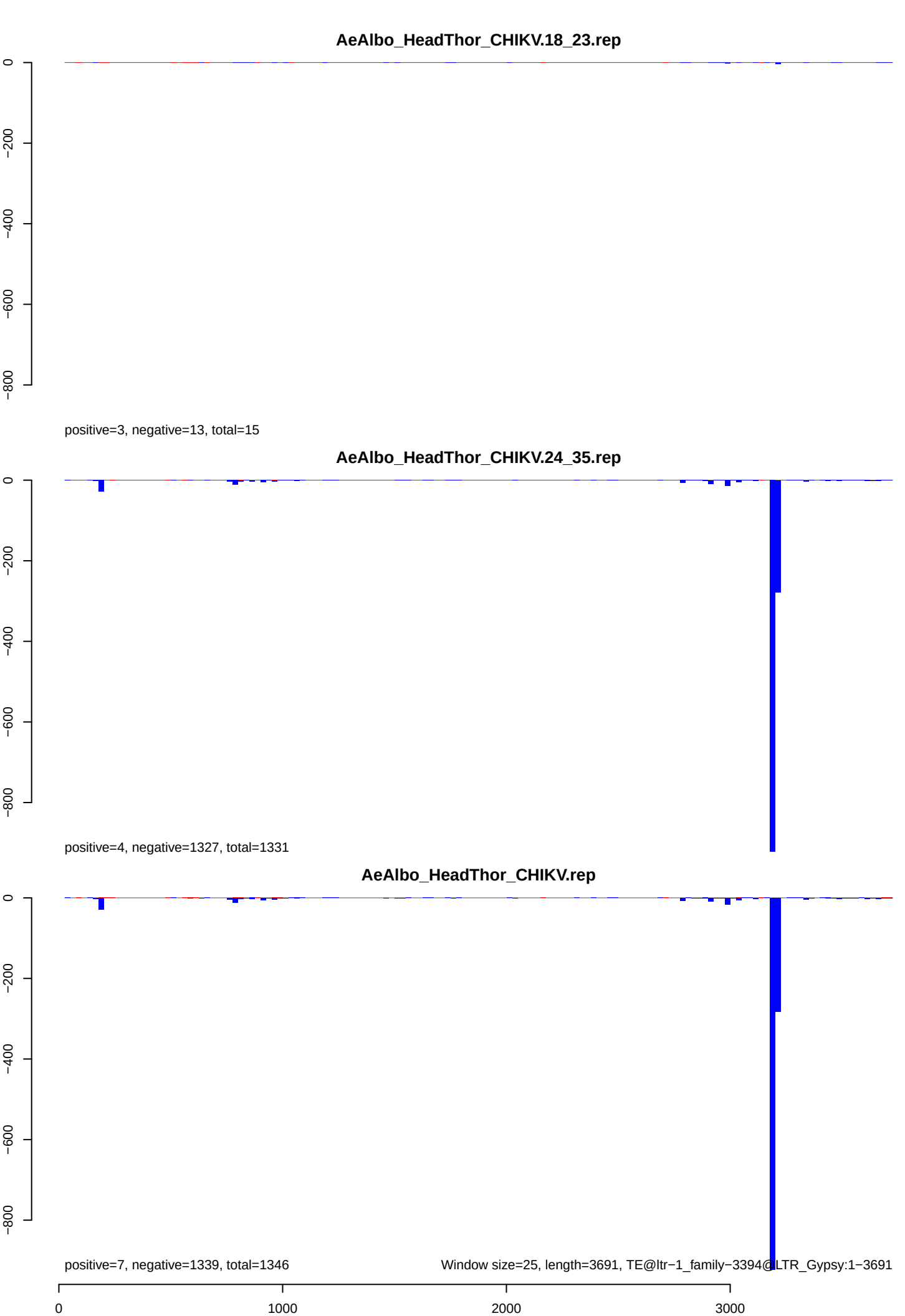

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=17, total=27

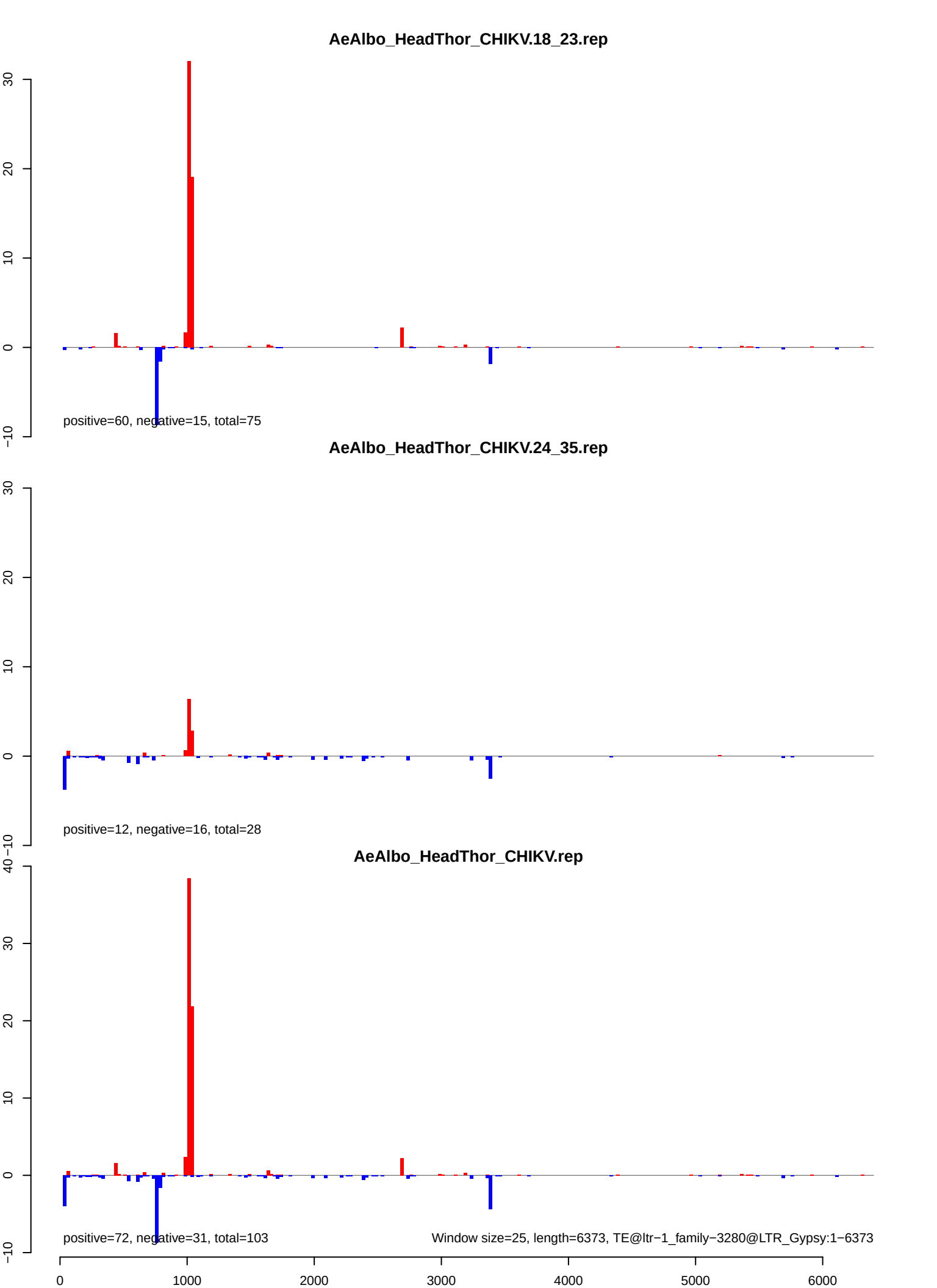

AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=3

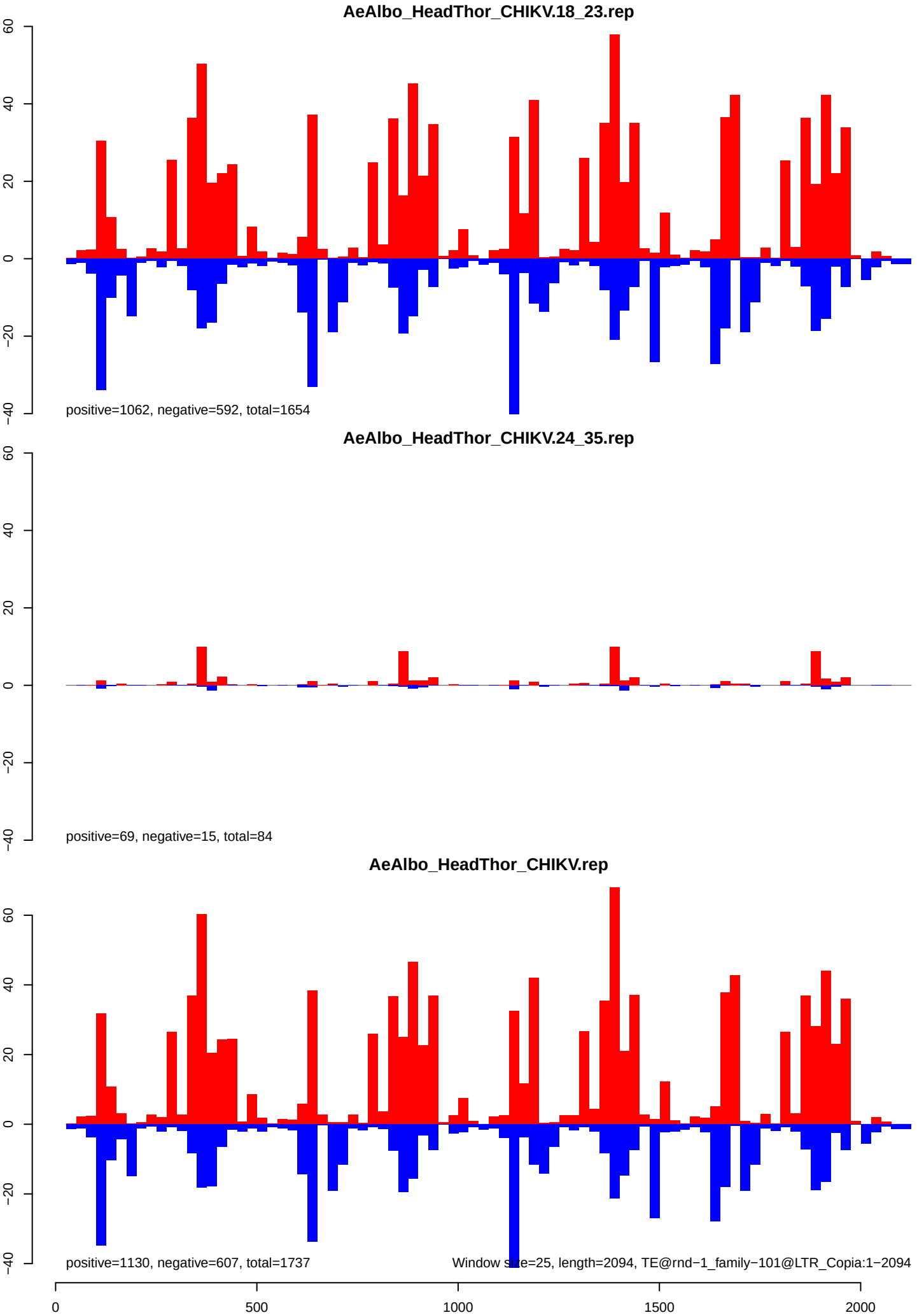

AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=19, total=29
Window size=25, length=9162, TE@ltr−1_family−4914@LTR_Gypsy:1−9162
0
2000
4000
6000
8000

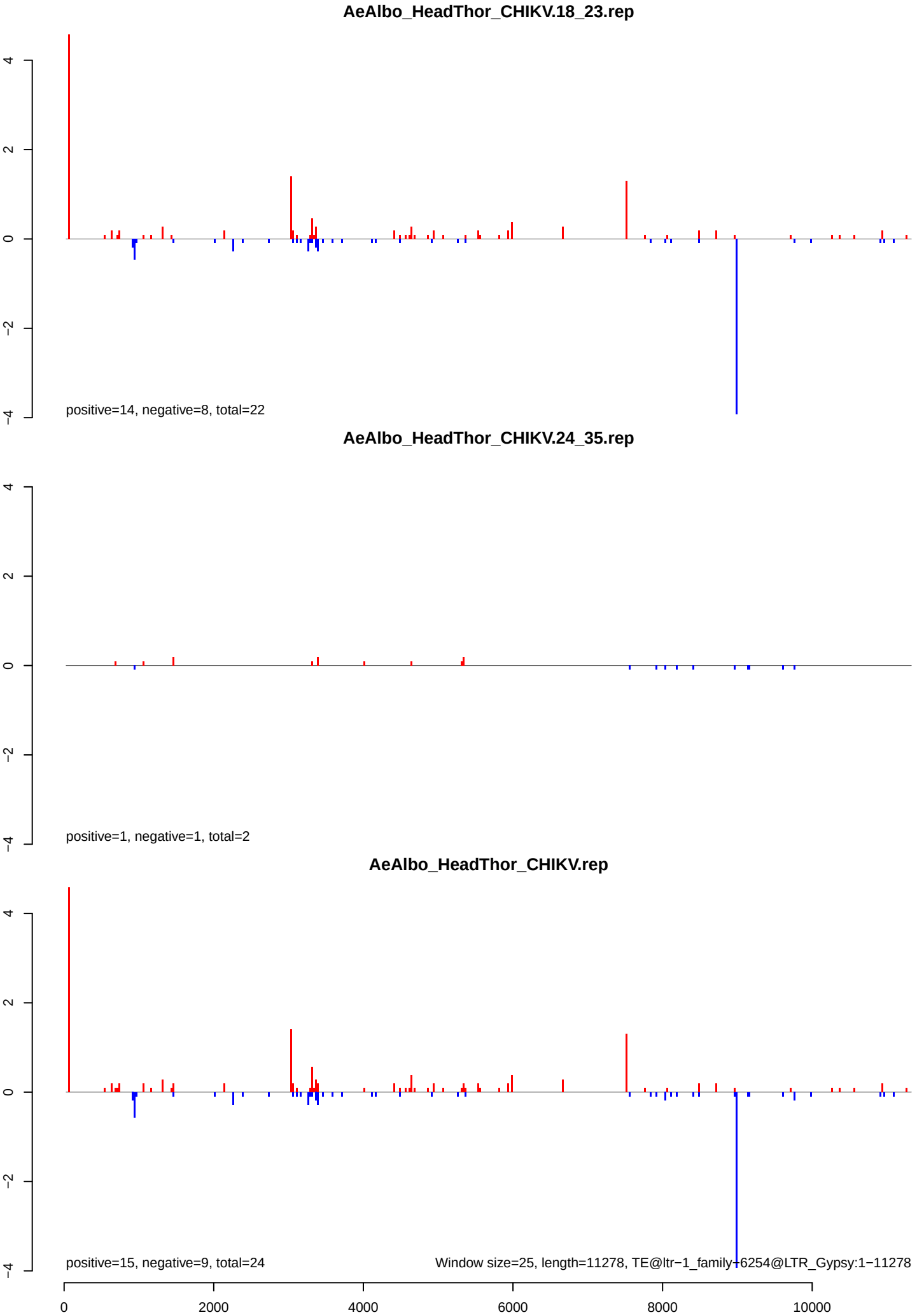

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
positive=10, negative=59, total=70
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
positive=14, negative=62, total=76
Window size=25, length=9639, TE@ltr−1_family−4795@LTR_Pao:1−9639
0
2000
4000
6000
8000
10000

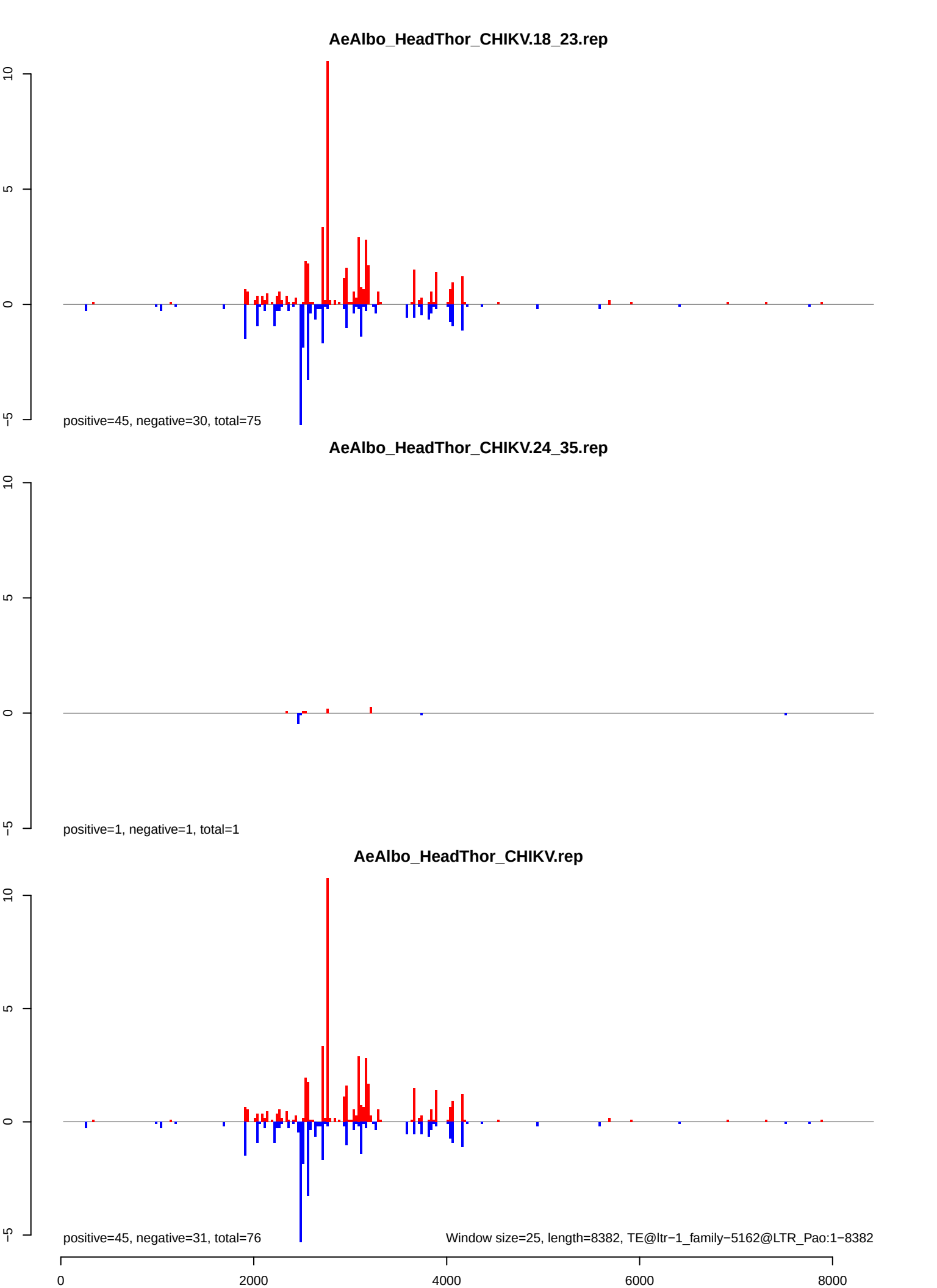

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=8, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=5, negative=1, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=9, total=25
Window size=25, length=9217, TE@ltr−1_family−3733@LTR_Pao:1−9217
2
1
0
−1
−2
−3
0
2000
4000
6000
8000

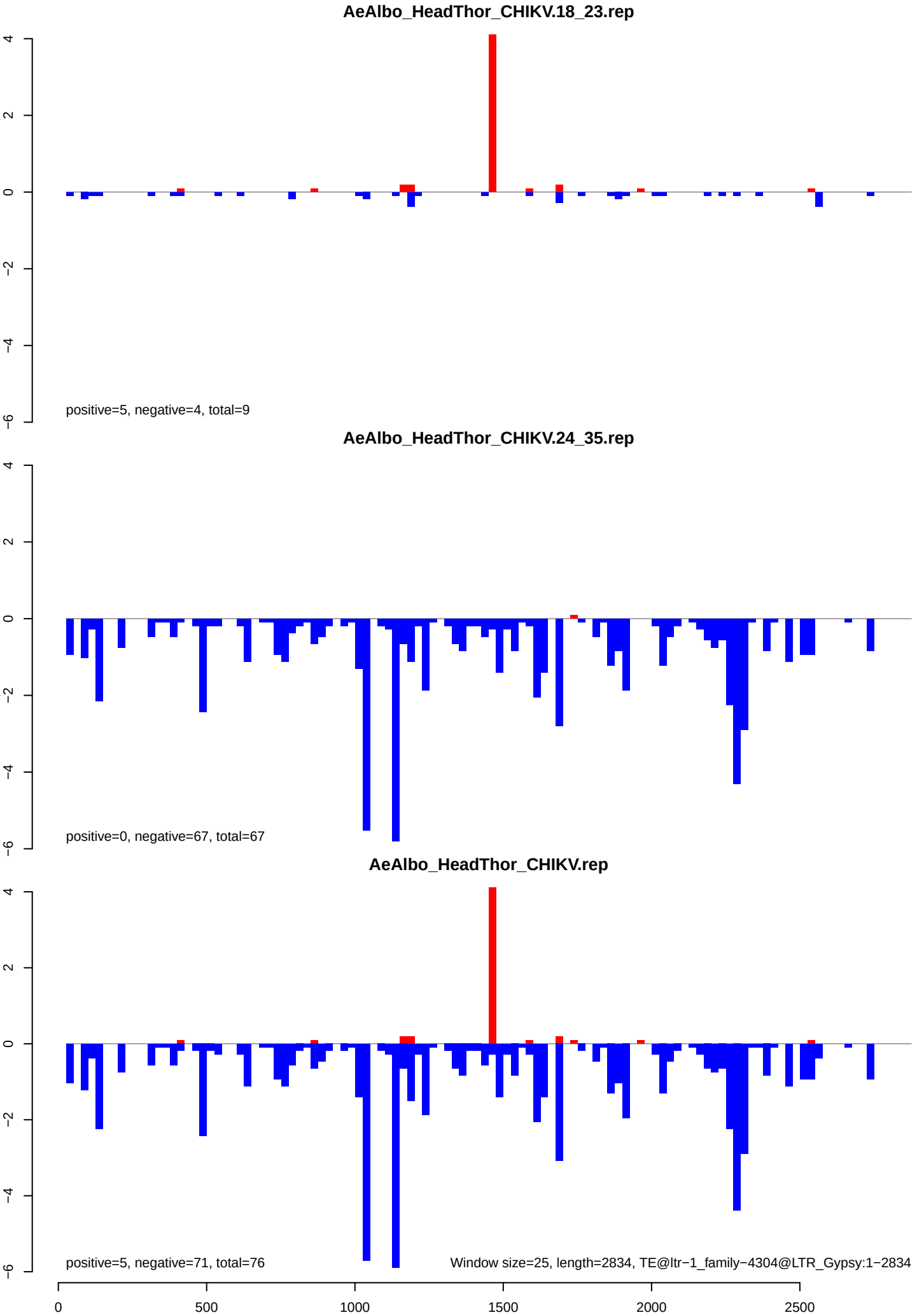

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−200
−400
−600
−800
positive=3, negative=13, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−200
−400
−600
−800
positive=4, negative=1327, total=1331
AeAlbo_HeadThor_CHIKV.rep
0
−200
−400
−600
−800
positive=7, negative=1339, total=1346
Window size=25, length=3691, TE@ltr−1_family−3394@LTR_Gypsy:1−3691
0
1000
2000
3000

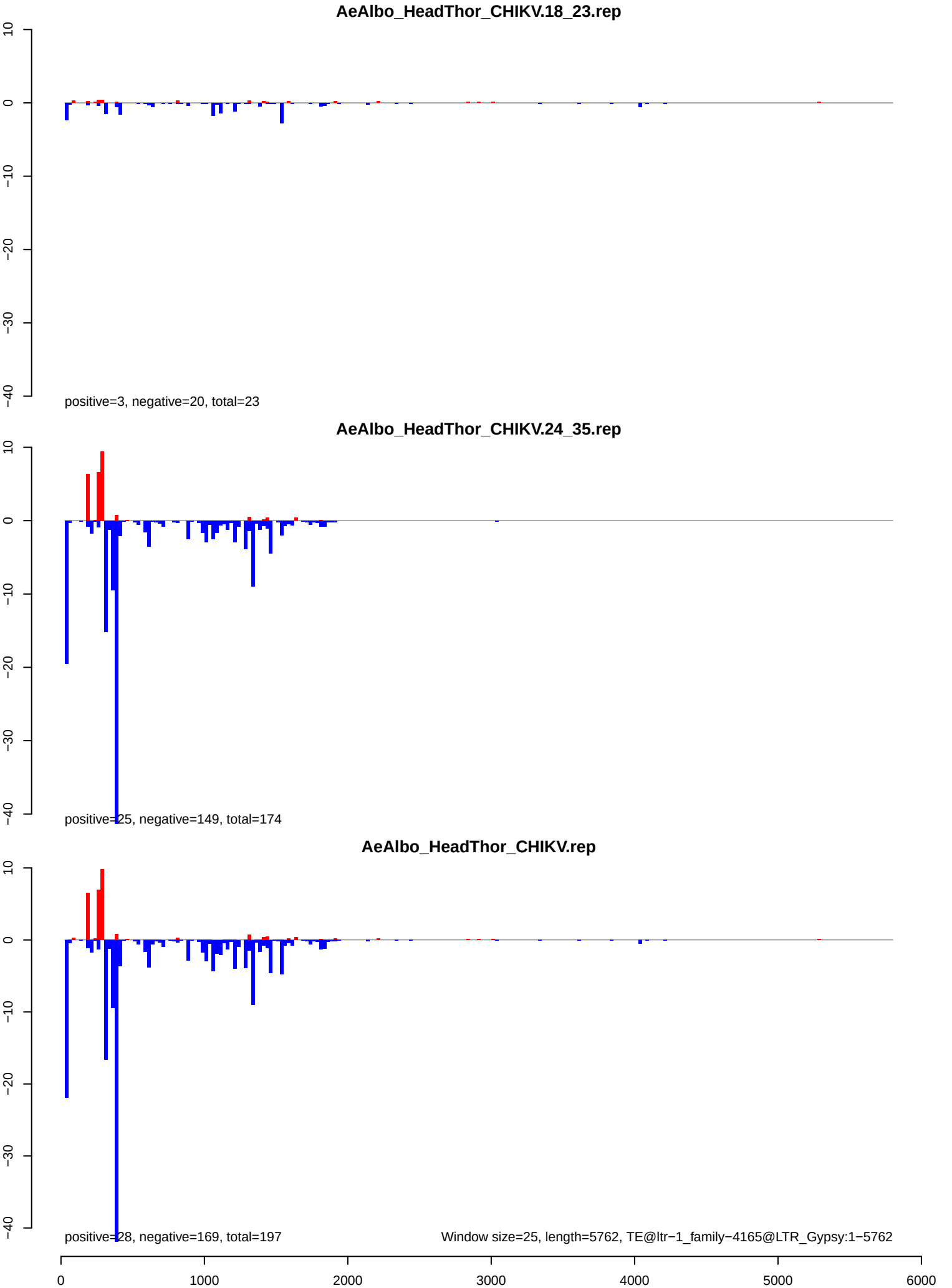

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=60, negative=15, total=75
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=12, negative=16, total=28
AeAlbo_HeadThor_CHIKV.rep
positive=72, negative=31, total=103
Window size=25, length=6373, TE@ltr−1_family−3280@LTR_Gypsy:1−6373
0
1000
2000
3000
4000
5000
6000

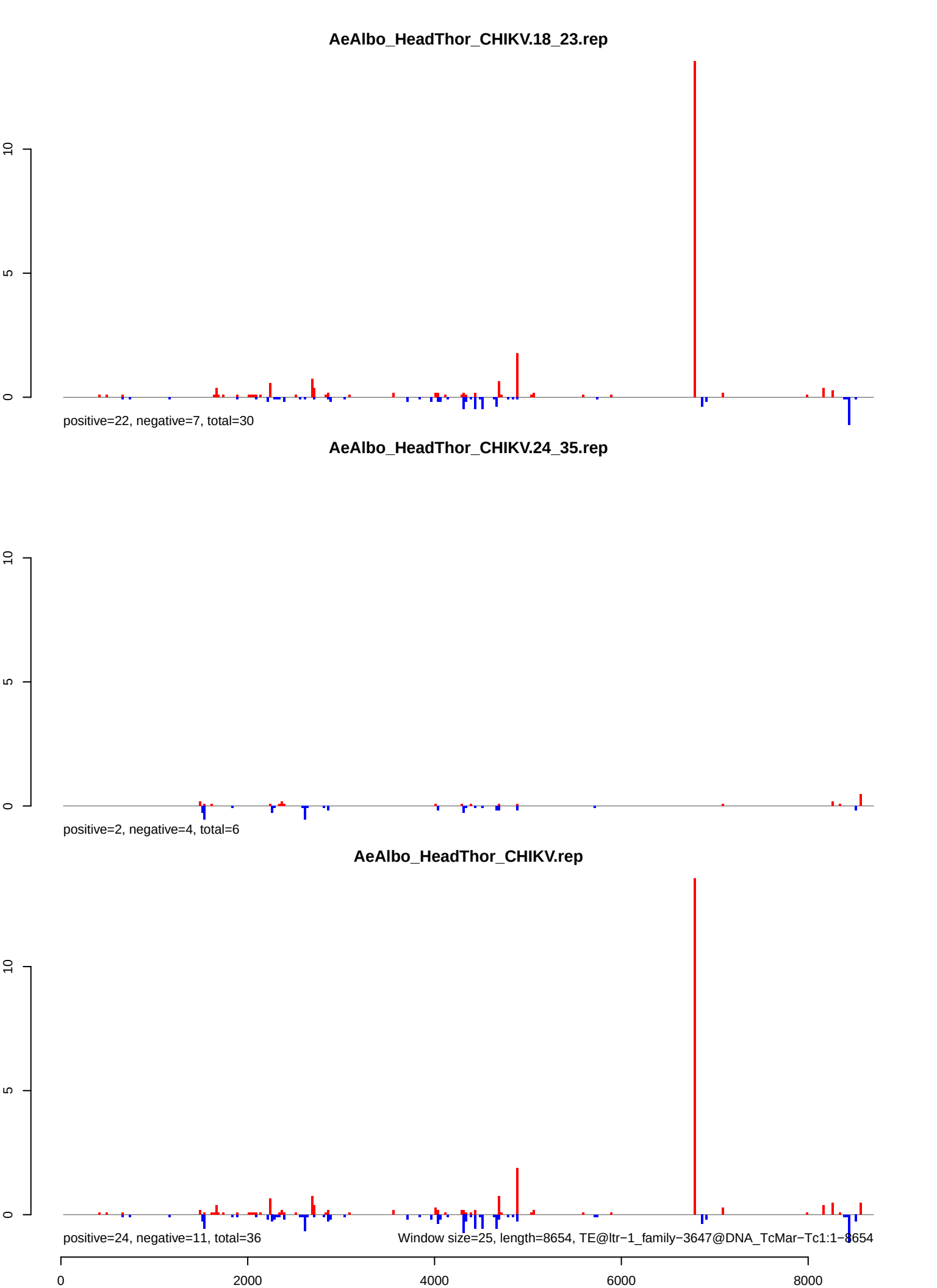

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1062, negative=592, total=1654
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=69, negative=15, total=84
AeAlbo_HeadThor_CHIKV.rep
positive=1130, negative=607, total=1737
Window size=25, length=2094, TE@rnd−1_family−101@LTR_Copia:1−2094
60
40
20
0
−20
−40
0
500
1000
1500
2000

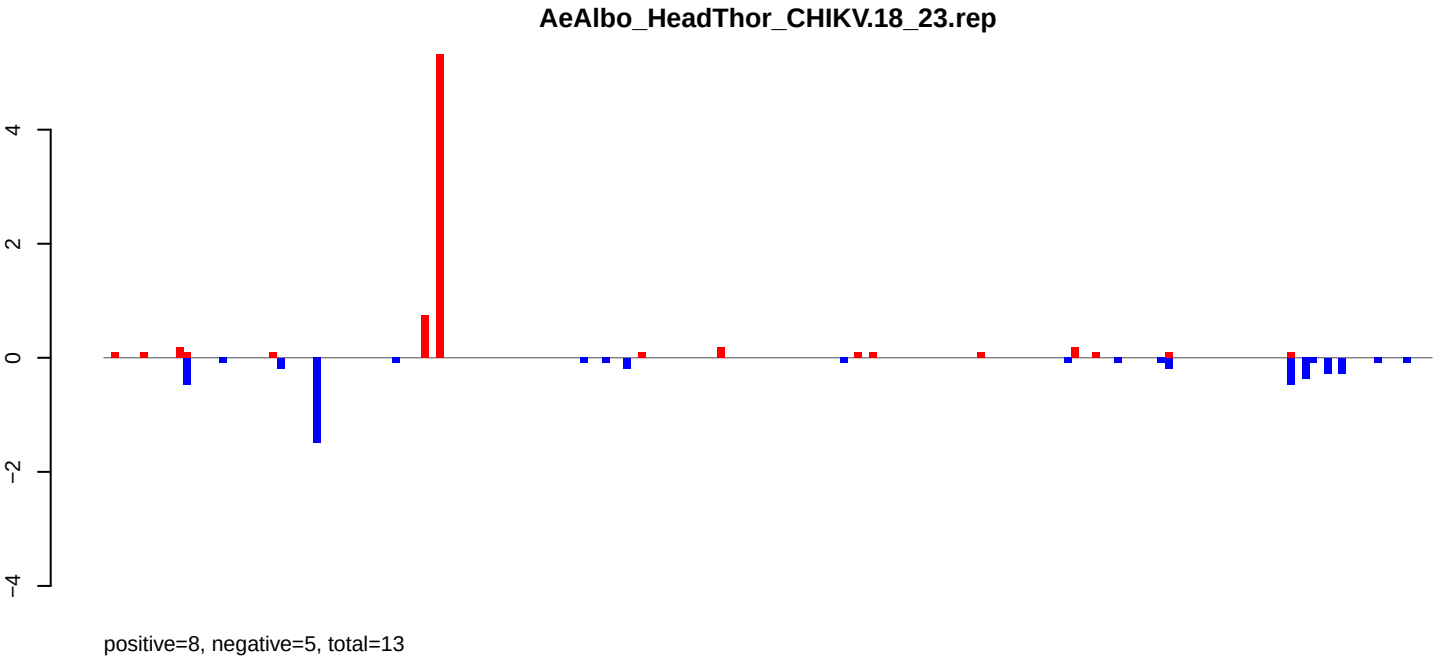

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=8, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=9, total=24
Window size=25, length=11278, TE@ltr−1_family−6254@LTR_Gypsy:1−11278
4
2
0
−2
−4
0
2000
4000
6000
8000
10000

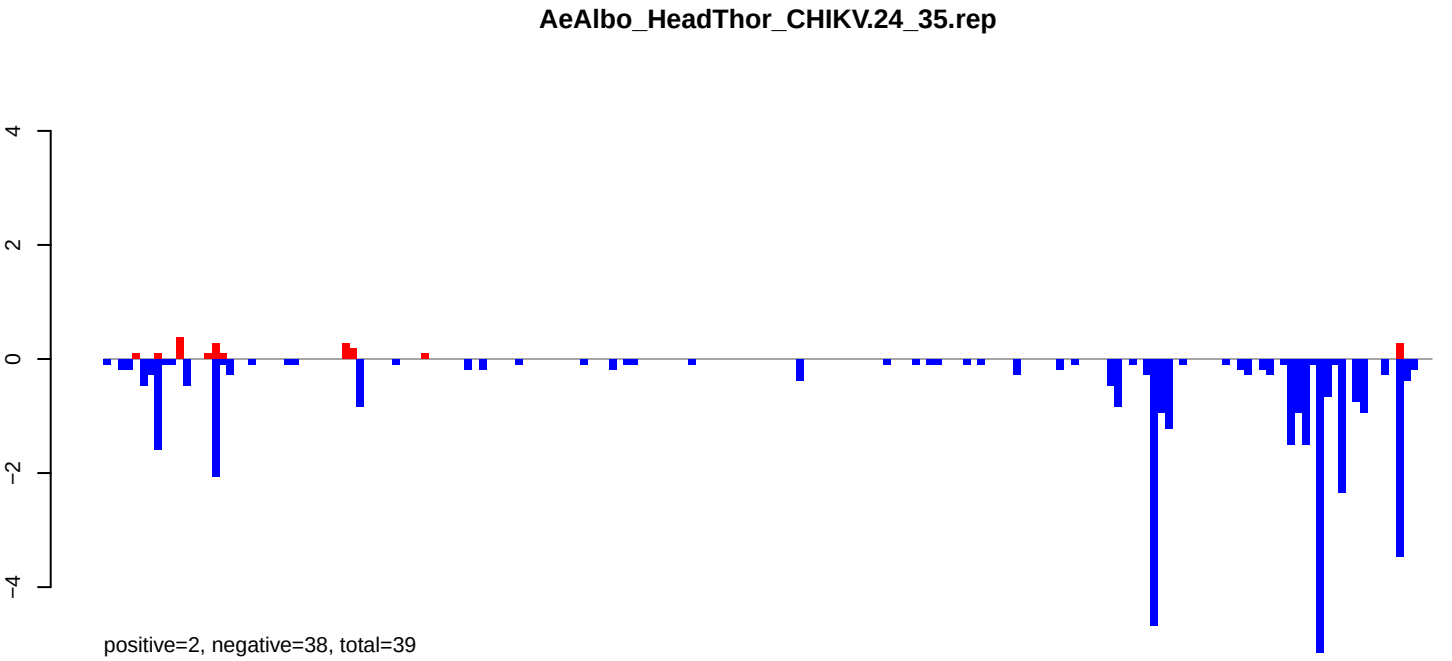

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=45, negative=30, total=75
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=45, negative=31, total=76
Window size=25, length=8382, TE@ltr−1_family−5162@LTR_Pao:1−8382
0
2000
4000
6000
8000

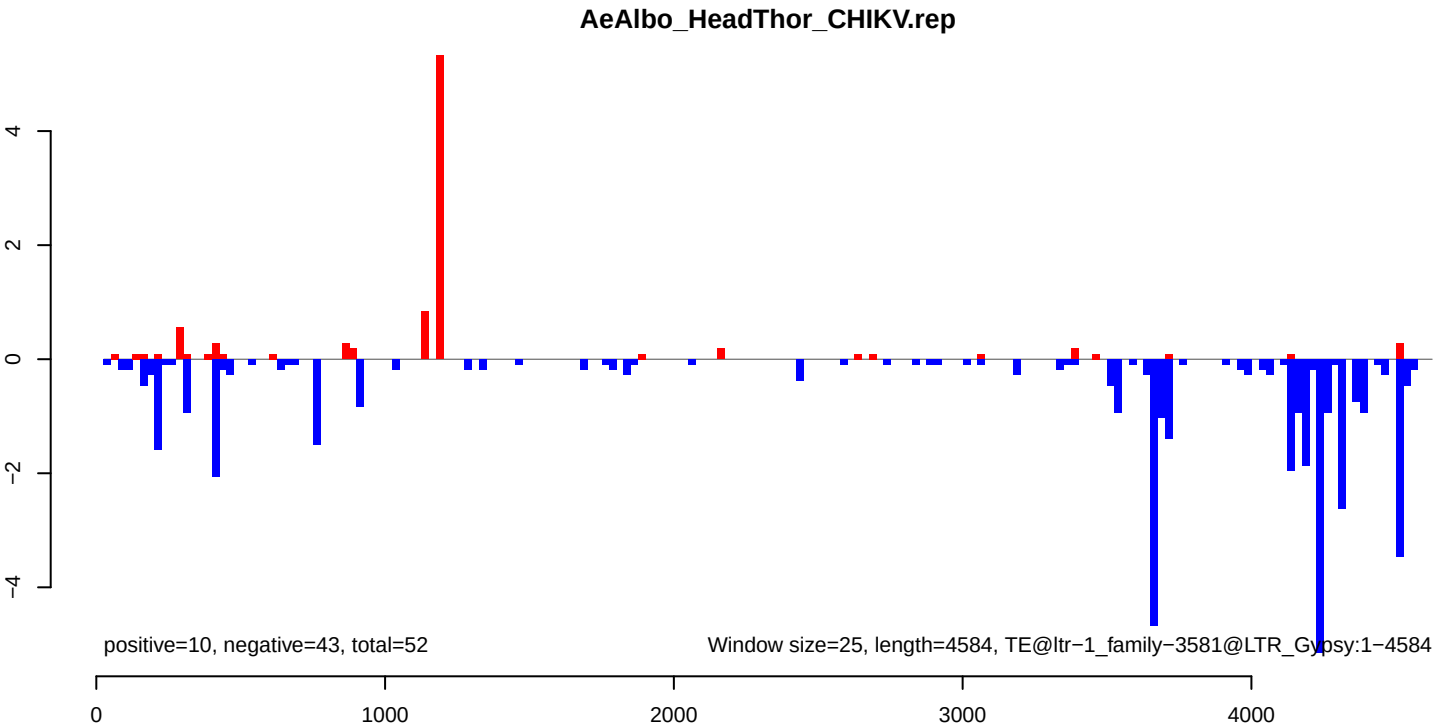

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=4, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=67, total=67
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=71, total=76
Window size=25, length=2834, TE@ltr−1_family−4304@LTR_Gypsy:1−2834
4
2
0
−2
−4
−6
0
500
1000
1500
2000
2500

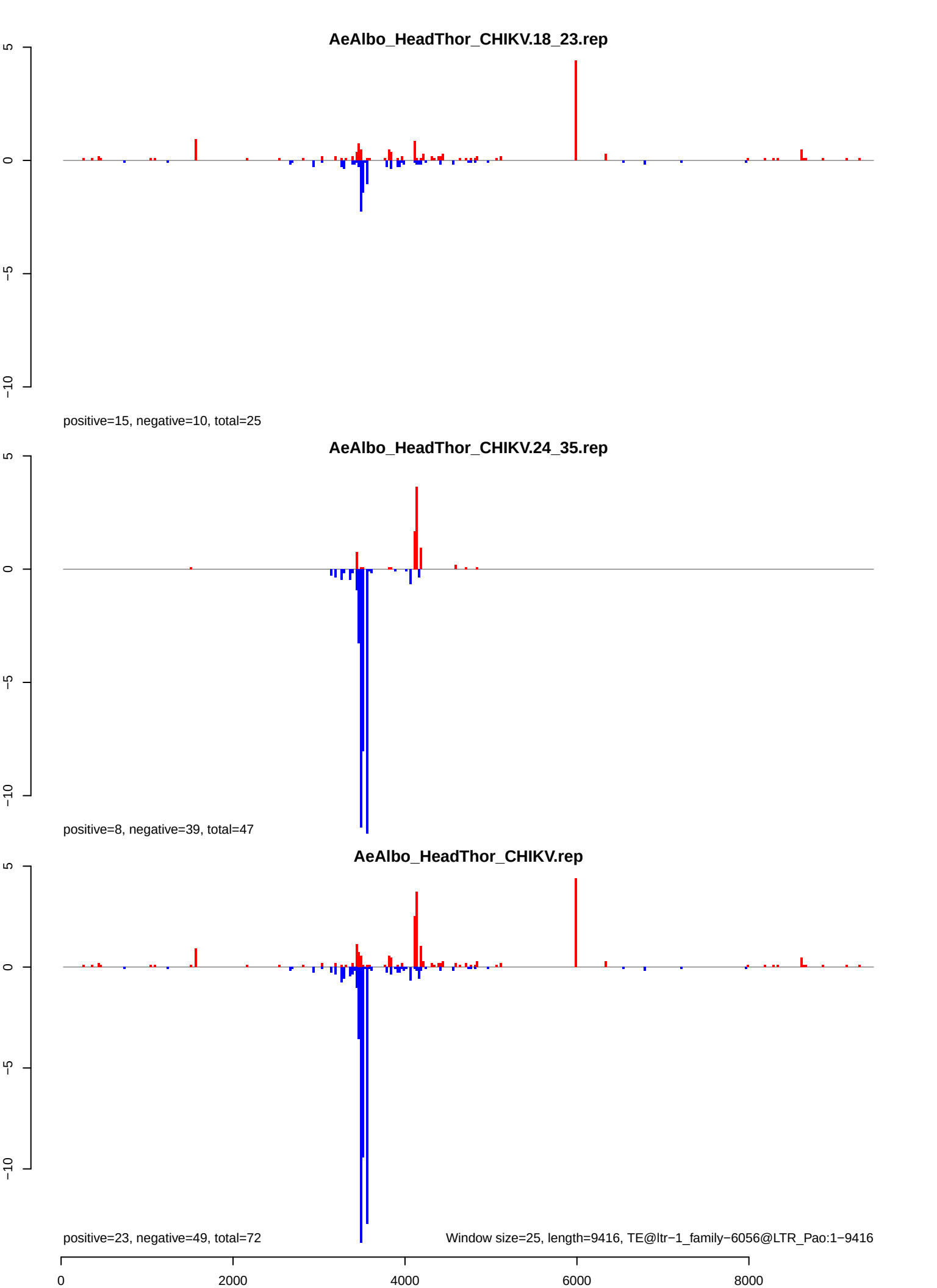

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=20, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=25, negative=149, total=174
AeAlbo_HeadThor_CHIKV.rep
positive=28, negative=169, total=197
Window size=25, length=5762, TE@ltr−1_family−4165@LTR_Gypsy:1−5762
10
0
−10
−20
−30
−40
0
1000
2000
3000
4000
5000
6000

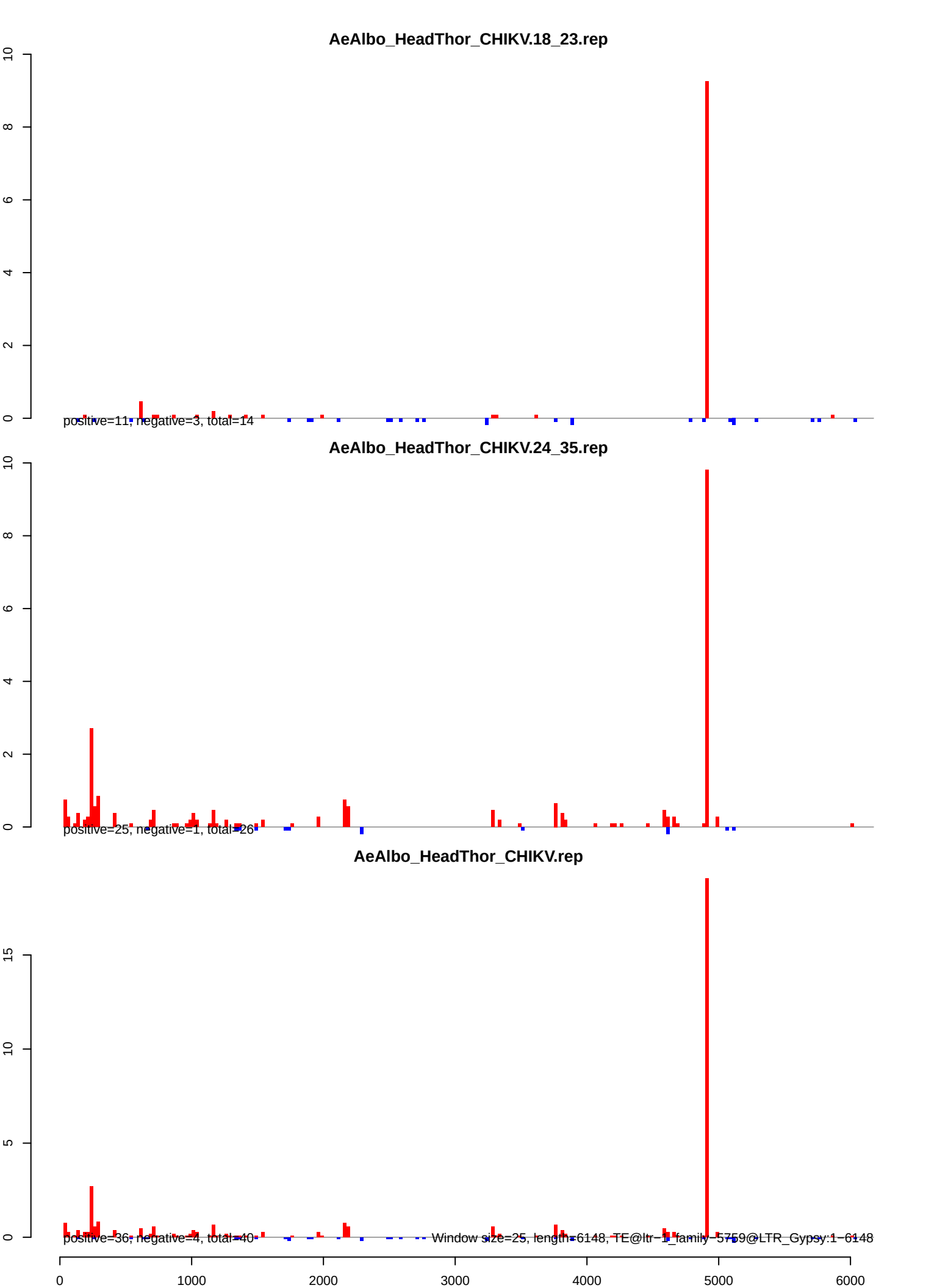

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
positive=22, negative=7, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.rep
0
5
10
positive=24, negative=11, total=36
Window size=25, length=8654, TE@ltr−1_family−3647@DNA_TcMar−Tc1:1−8654
0
2000
4000
6000
8000

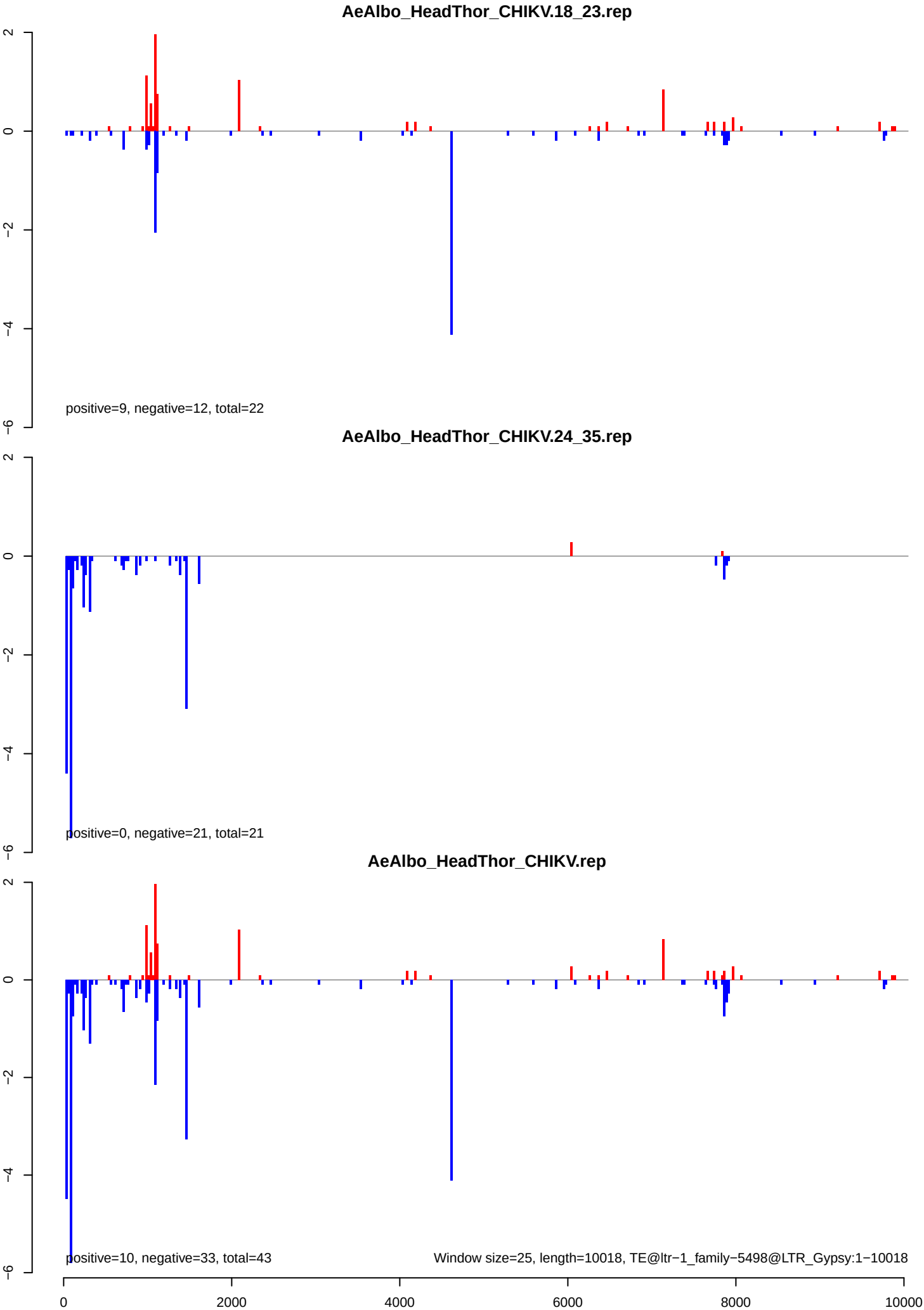

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
−4
positive=8, negative=5, total=13

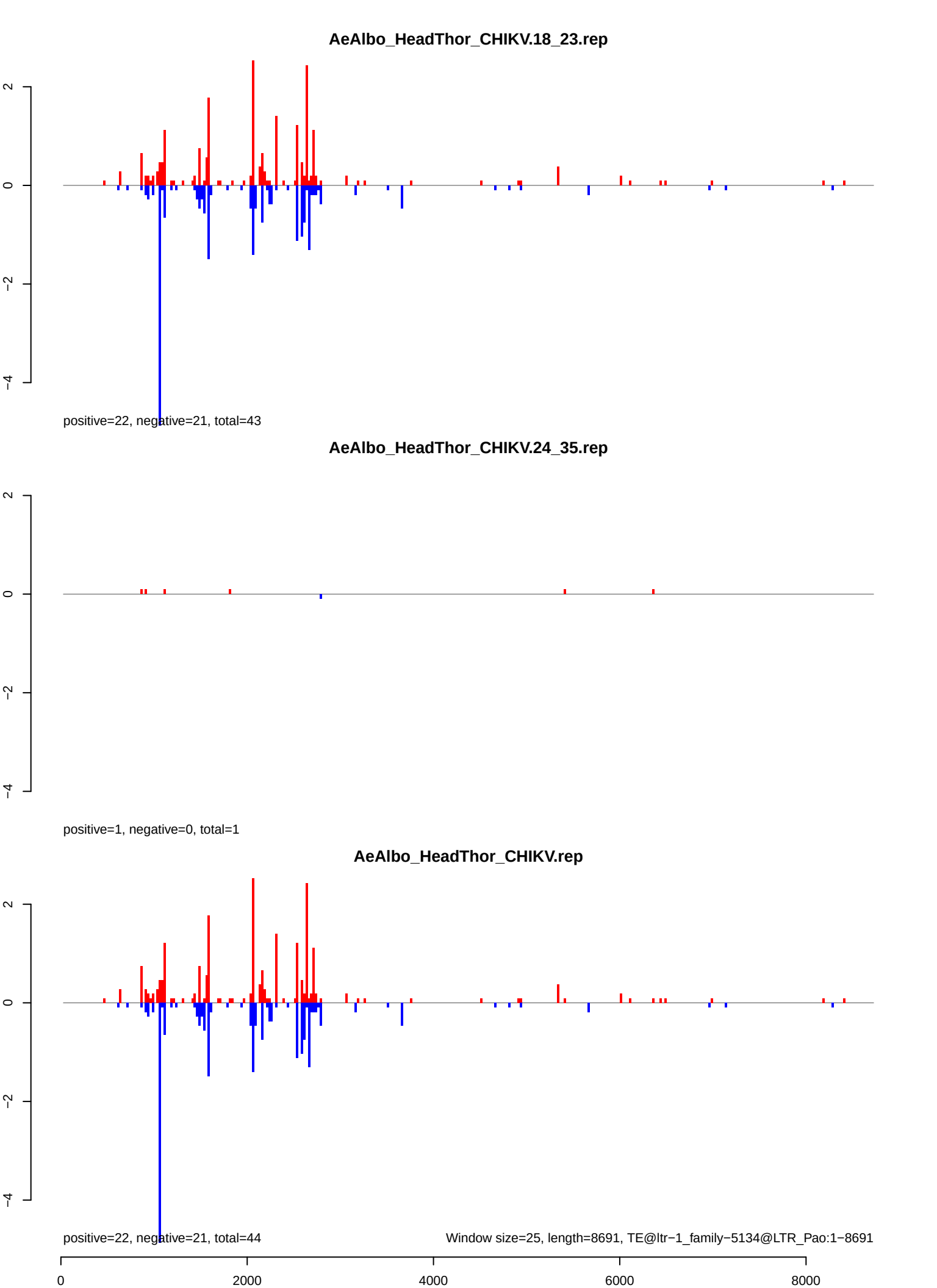

AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
−4
positive=2, negative=38, total=39


AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
−4
positive=10, negative=43, total=52
Window size=25, length=4584, TE@ltr−1_family−3581@LTR_Gypsy:1−4584
0
1000
2000
3000
4000

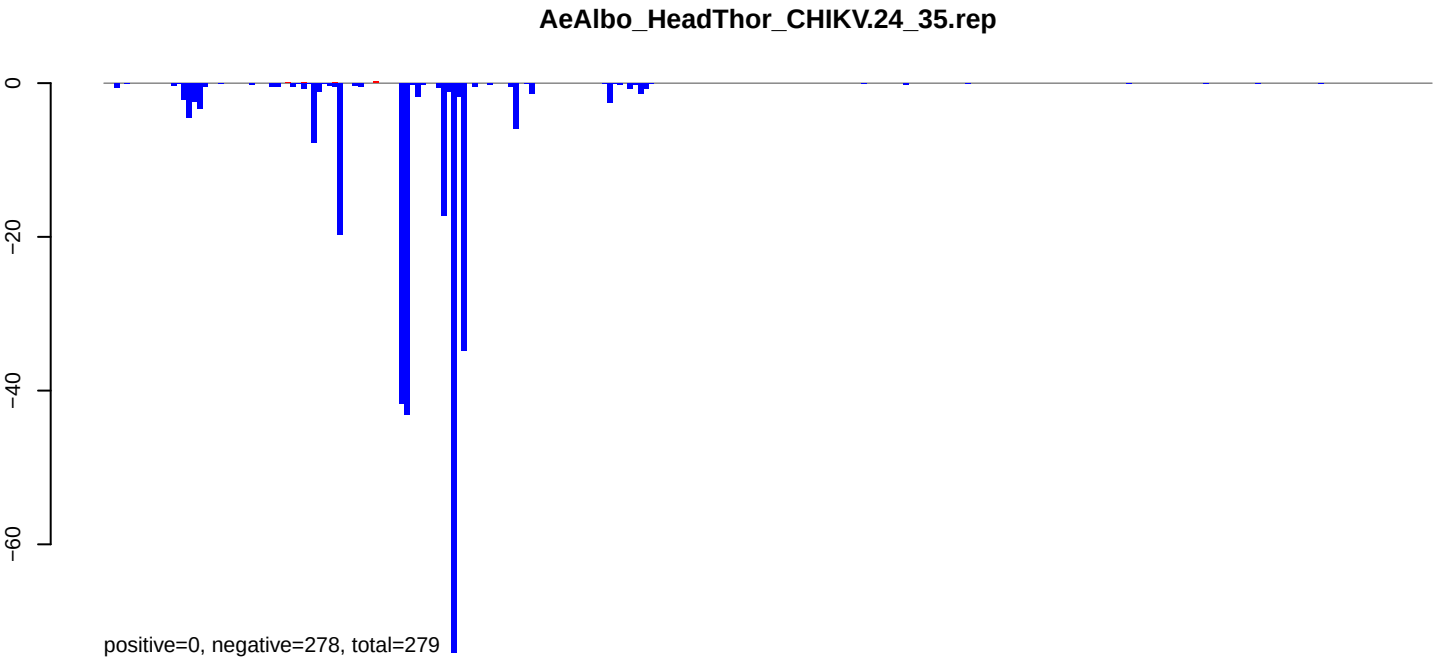

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
positive=15, negative=10, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
positive=8, negative=39, total=47
AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
positive=23, negative=49, total=72
Window size=25, length=9416, TE@ltr−1_family−6056@LTR_Pao:1−9416
0
2000
4000
6000
8000

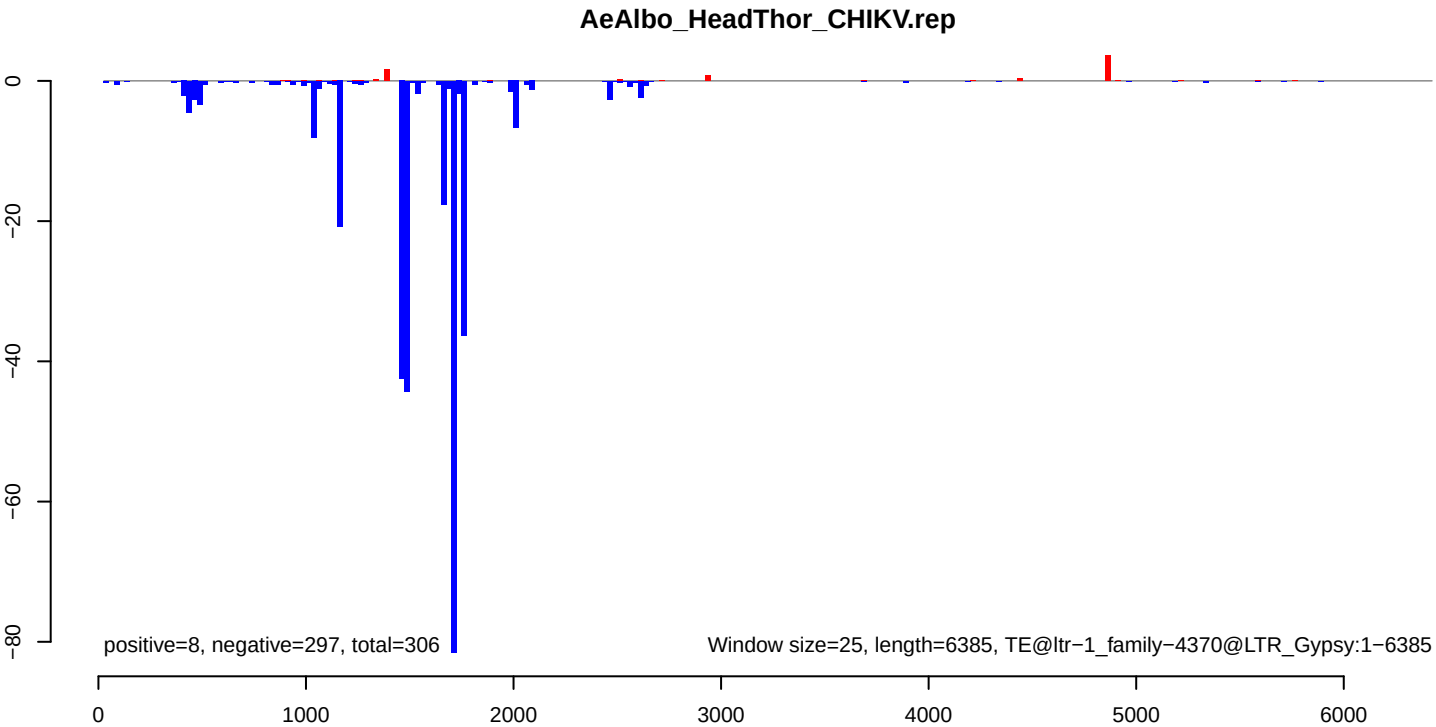

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=3, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=25, negative=1, total=26
AeAlbo_HeadThor_CHIKV.rep
positive=36, negative=4, total=40
Window size=25, length=6148, TE@ltr-1_family-5759@LTR_Gypsy:1-6148
0
1000
2000
3000
4000
5000
6000

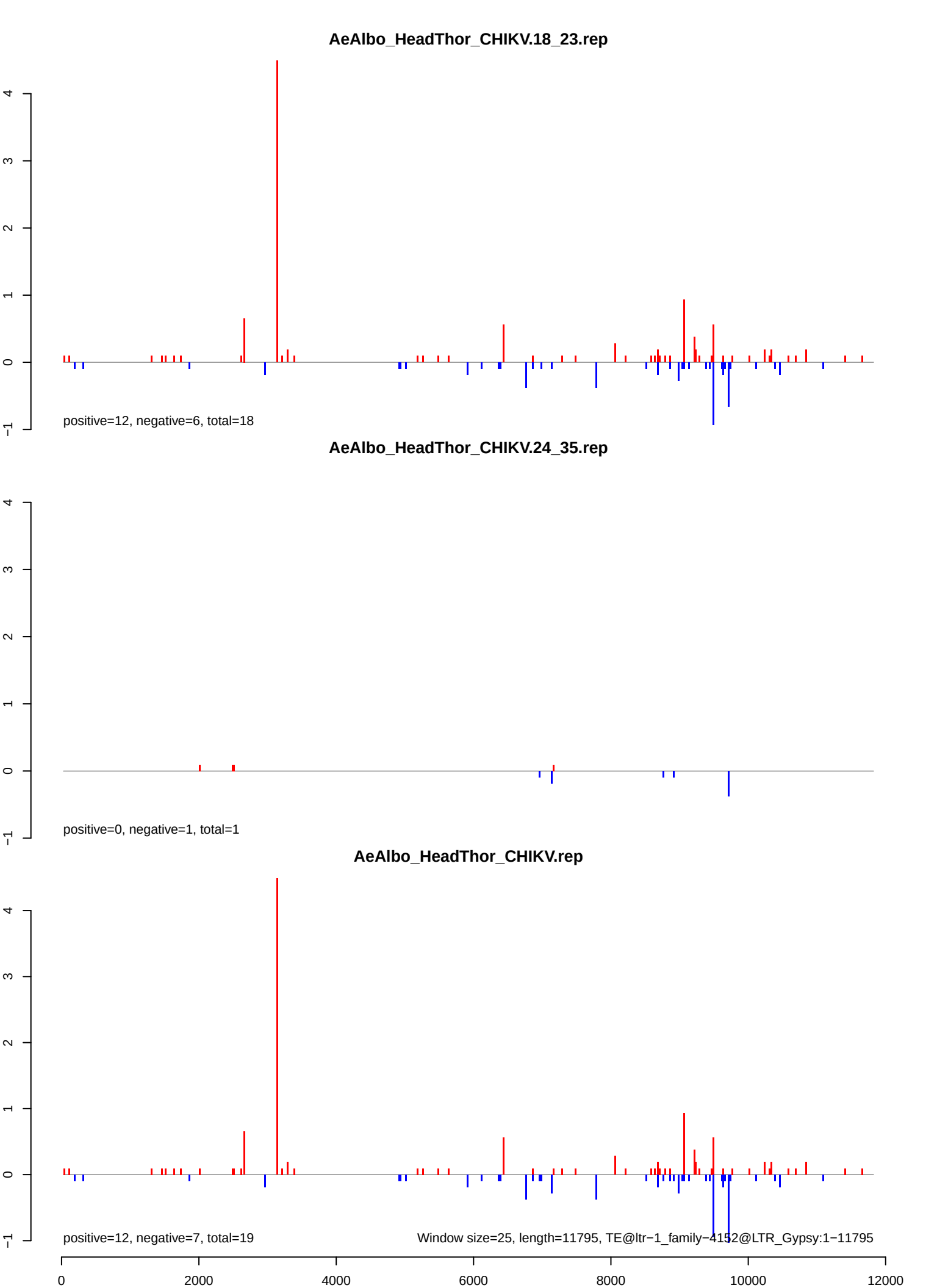

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=12, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=21, total=21
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=33, total=43
Window size=25, length=10018, TE@ltr−1_family−5498@LTR_Gypsy:1−10018
2
0
−2
−4
−6
0
2000
4000
6000
8000
10000

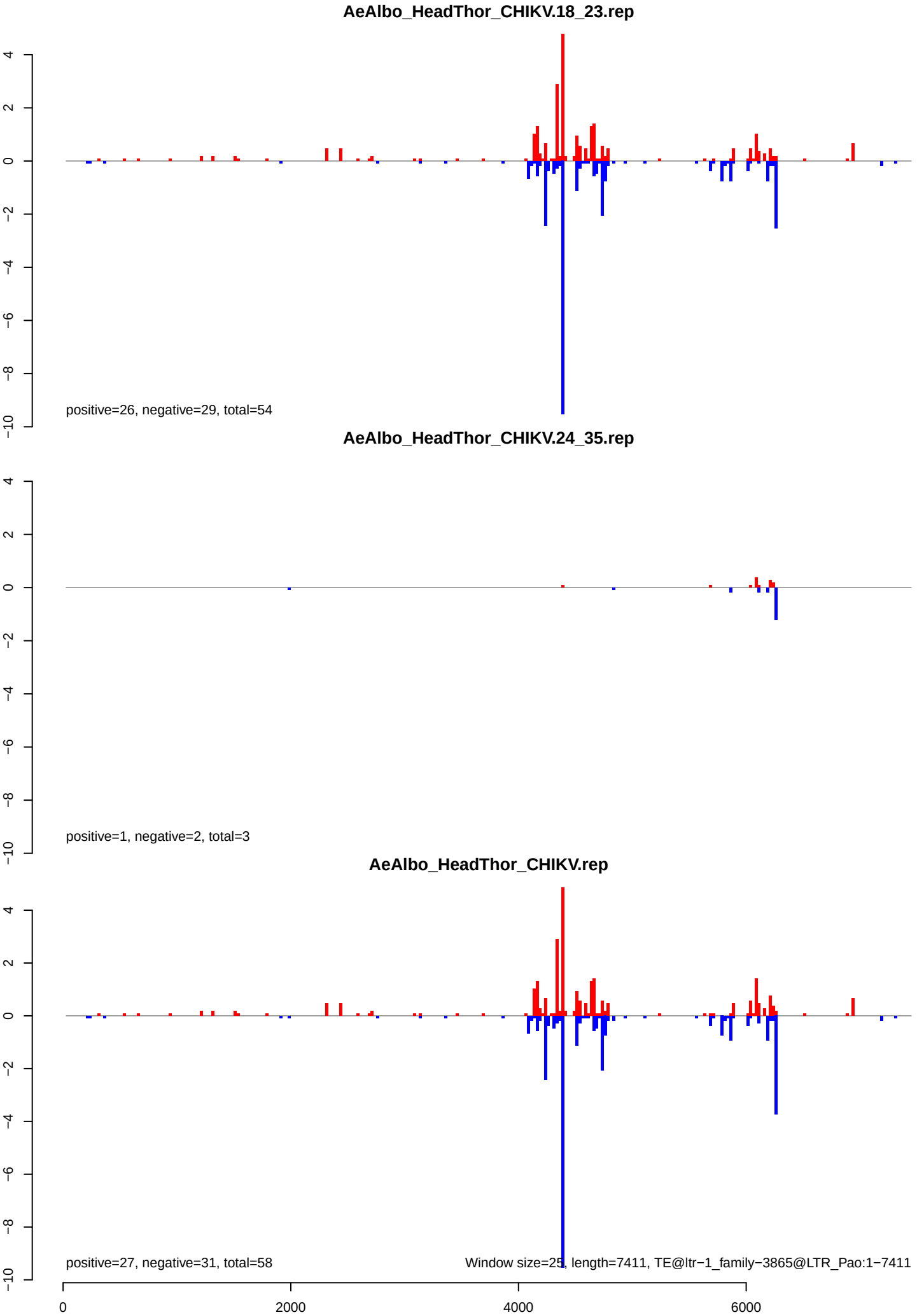

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
positive=22, negative=21, total=43
AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
positive=22, negative=21, total=44
Window size=25, length=8691, TE@ltr−1_family−5134@LTR_Pao:1−8691
0
2000
4000
6000
8000

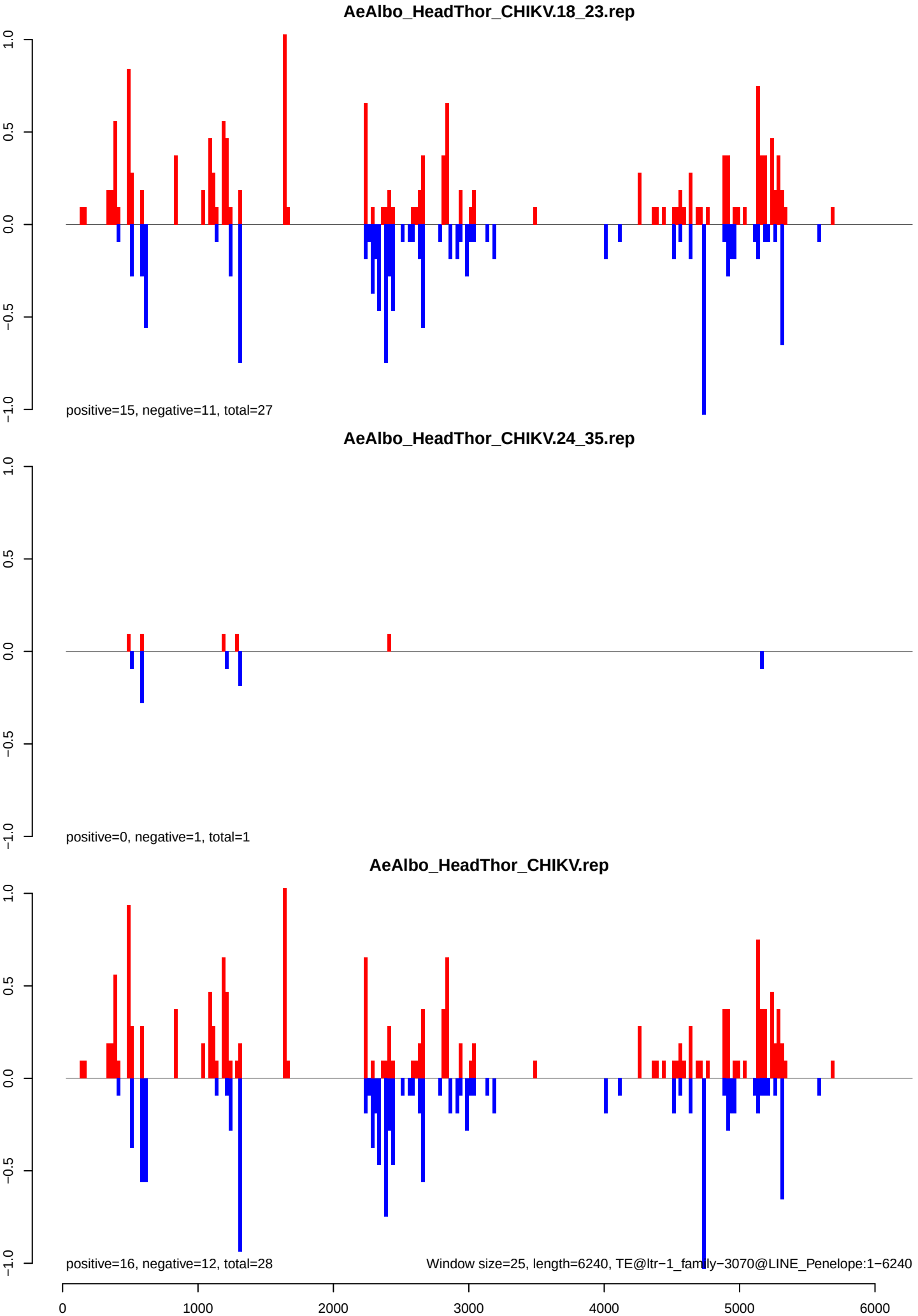
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
positive=8, negative=19, total=27

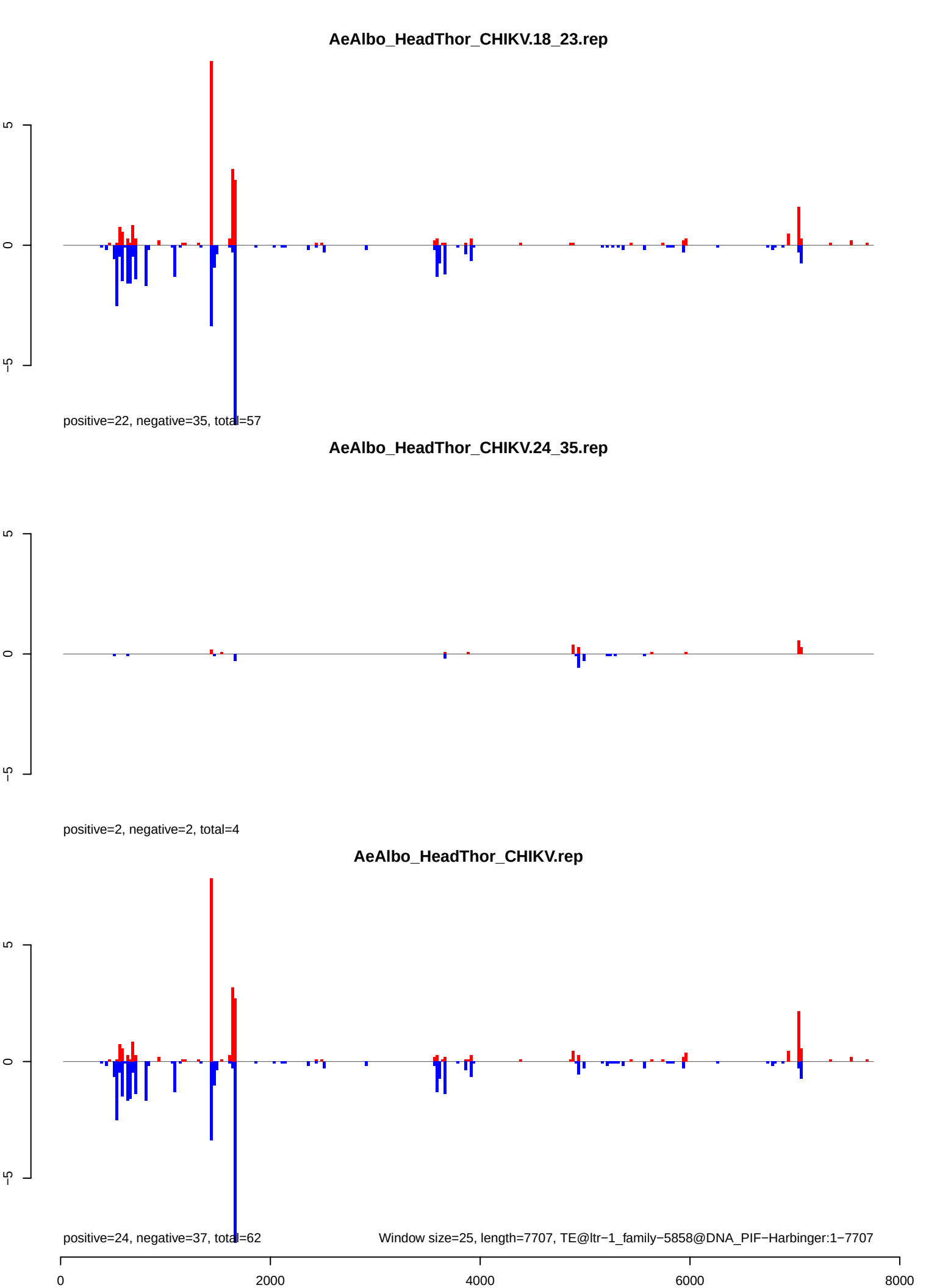

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
positive=0, negative=278, total=279

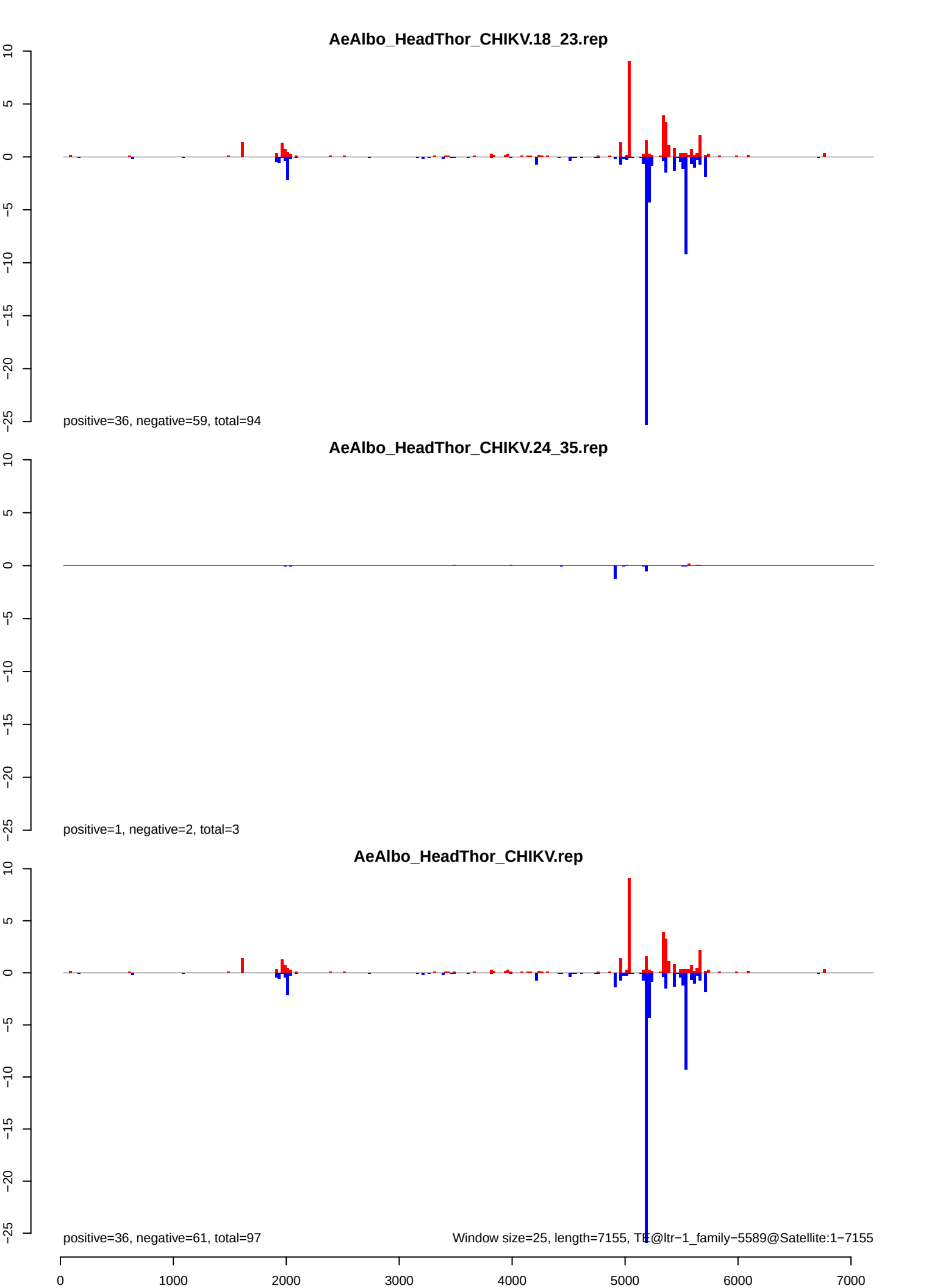

AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
positive=8, negative=297, total=306
Window size=25, length=6385, TE@ltr−1_family−4370@LTR_Gypsy:1−6385
0
1000
2000
3000
4000
5000
6000

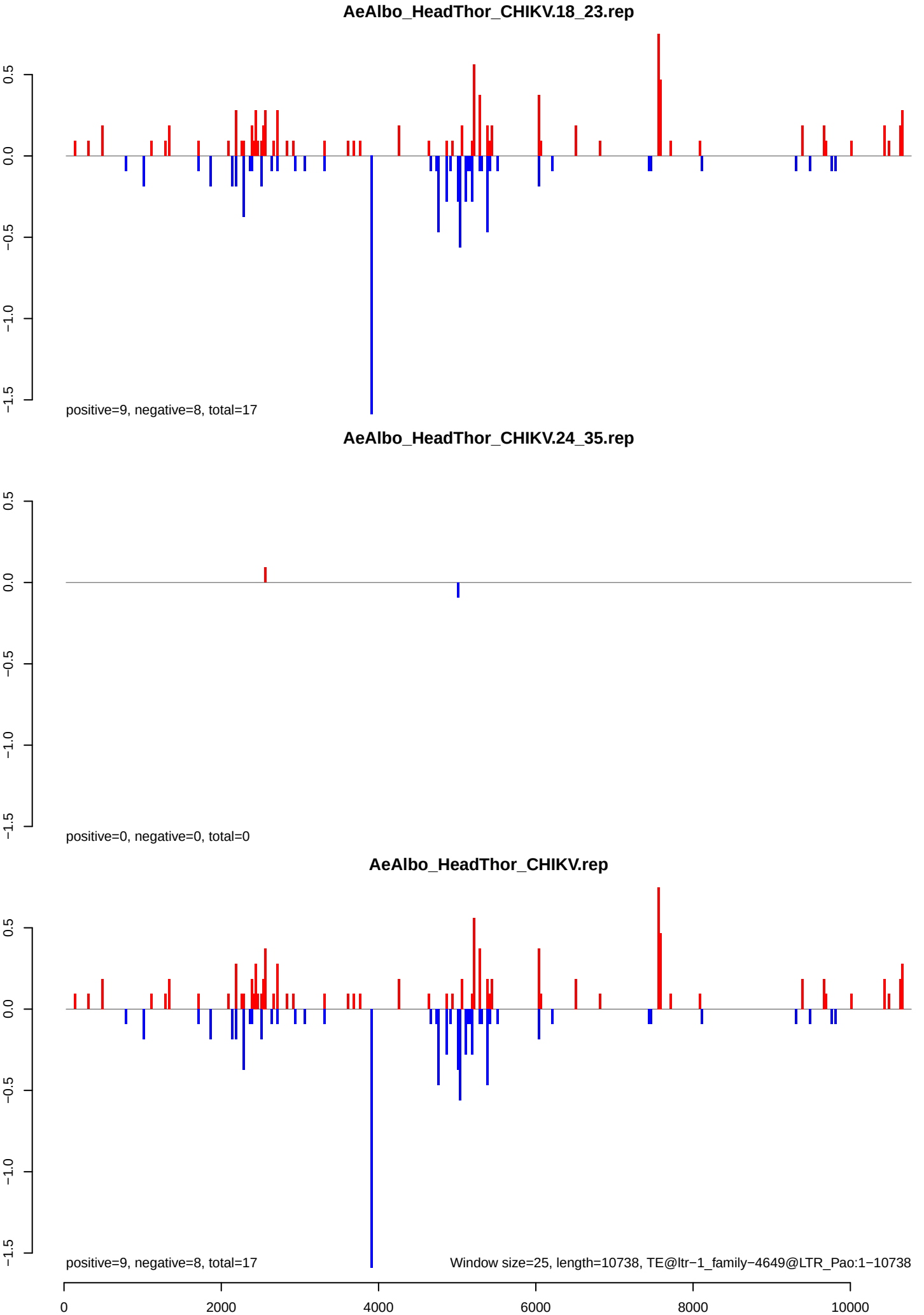

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=12, negative=6, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=7, total=19
Window size=25, length=11795, TE@ltr−1_family−4152@LTR_Gypsy:1−11795
0
2000
4000
6000
8000
10000
12000

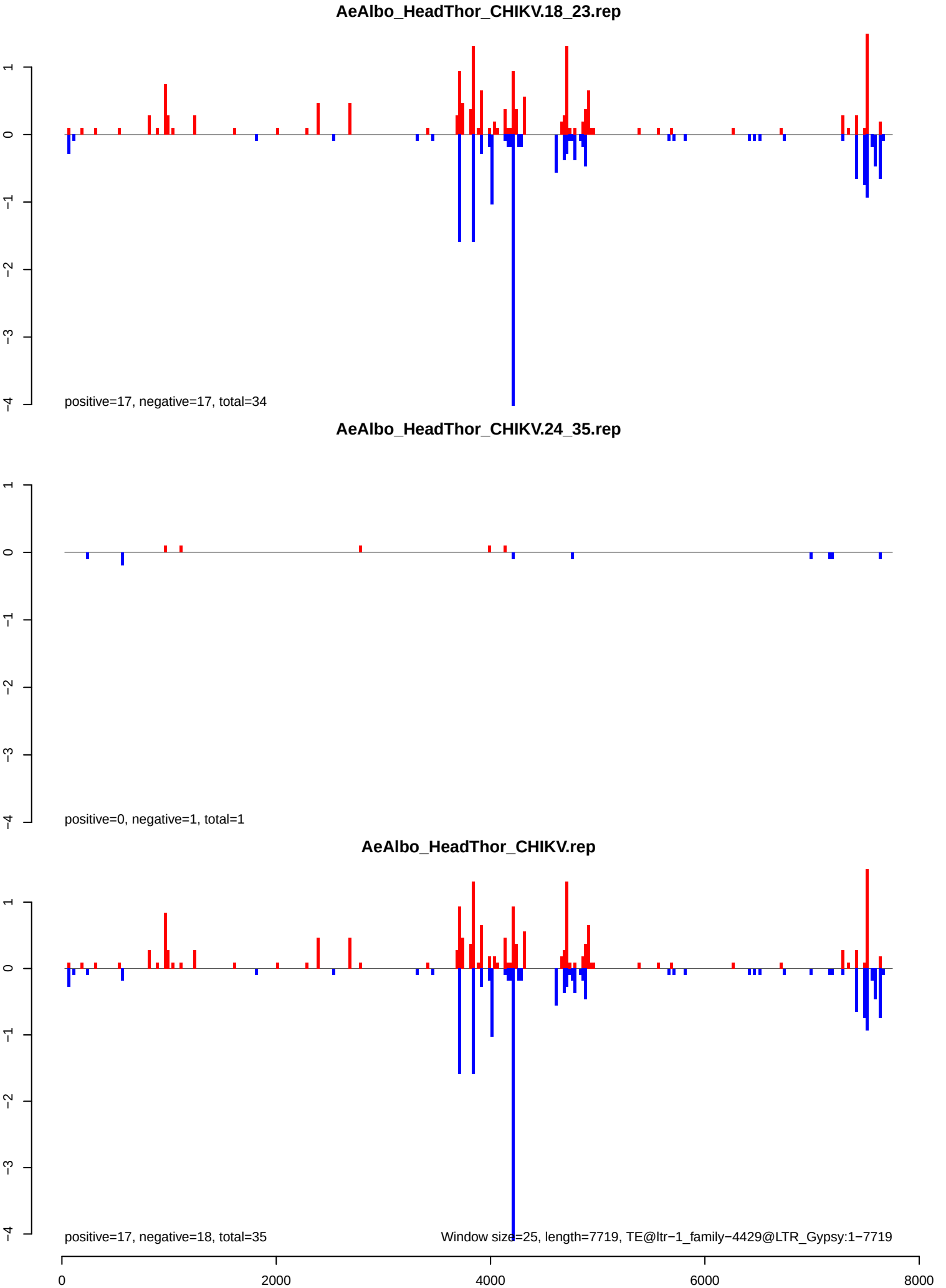

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=26, negative=29, total=54
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=27, negative=31, total=58
Window size=25, length=7411, TE@ltr−1_family−3865@LTR_Pao:1−7411
4
2
0
−2
−4
−6
−8
−10
0
2000
4000
6000

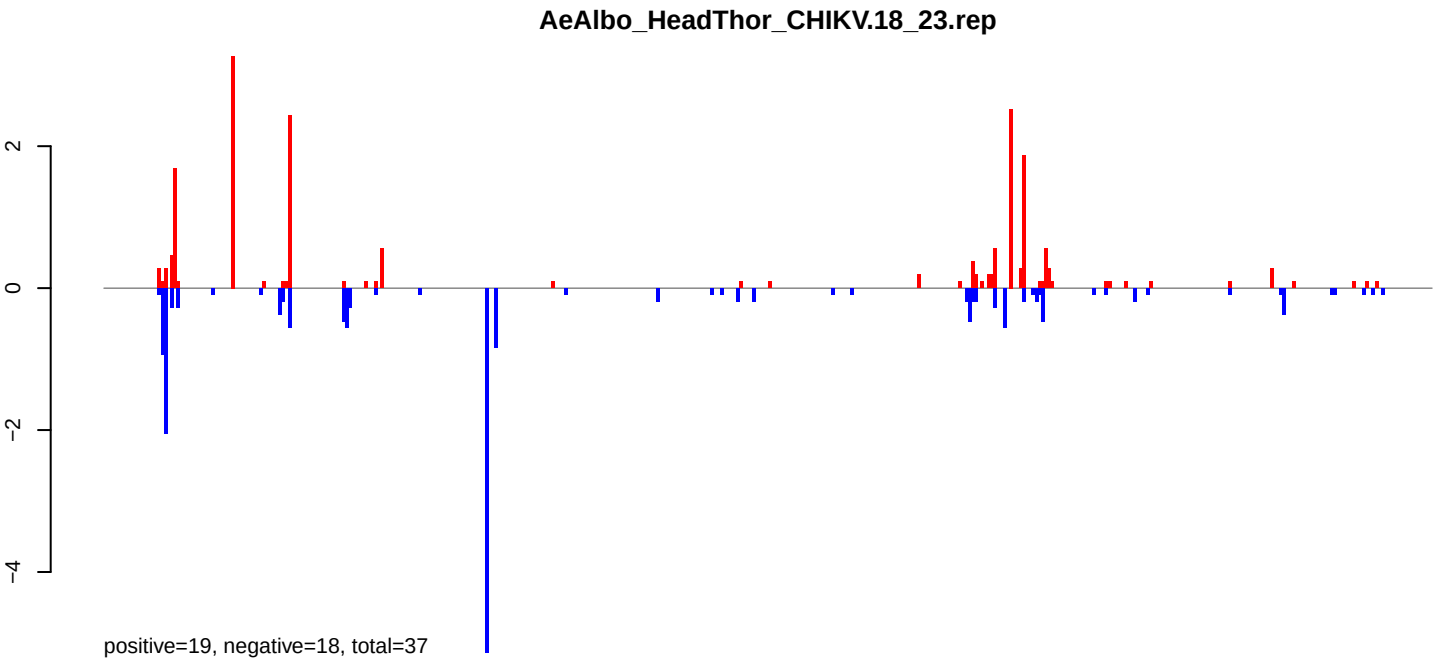

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=15, negative=11, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=12, total=28
Window size=25, length=6240, TE@ltr−1_family−3070@LINE_Penelope:1−6240
1.0
0.5
0.0
−0.5
−1.0
0
1000
2000
3000
4000
5000
6000

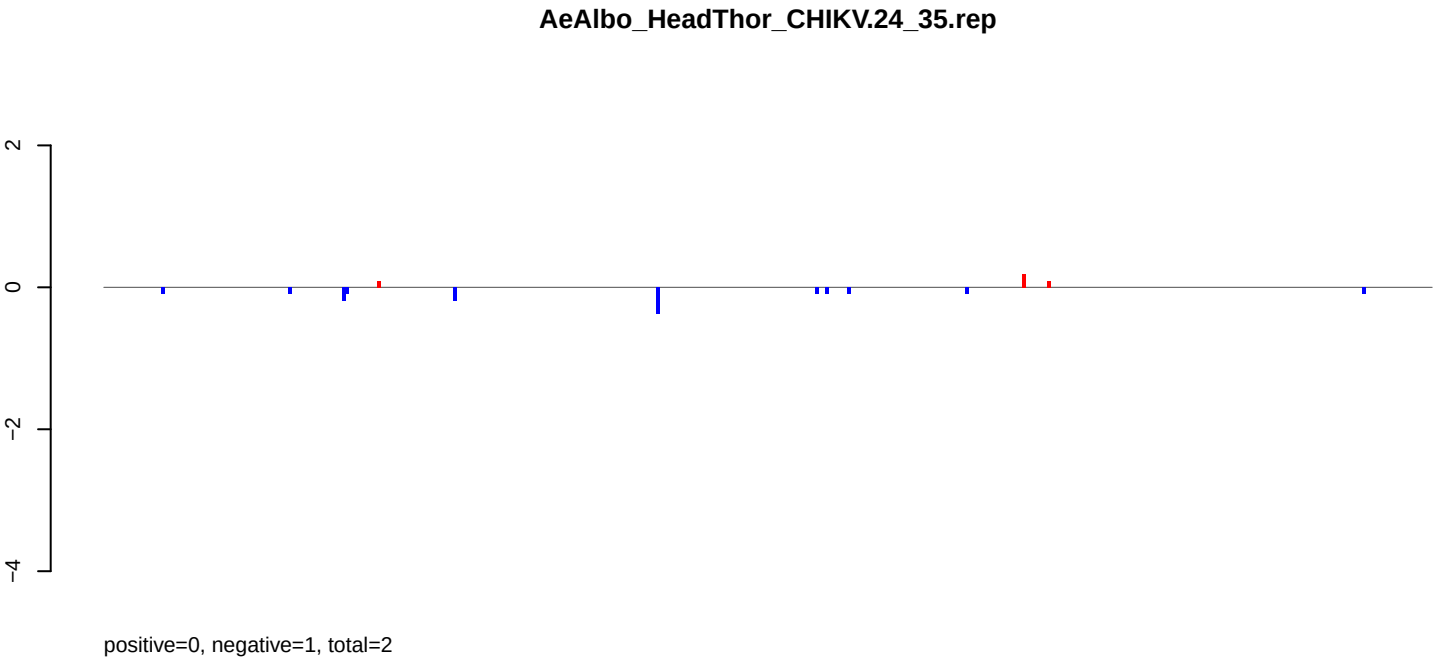

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
positive=22, negative=35, total=57
AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
5
0
−5
positive=24, negative=37, total=62
Window size=25, length=7707, TE@ltr−1_family−5858@DNA_PIF−Harbinger:1−7707
0
2000
4000
6000
8000

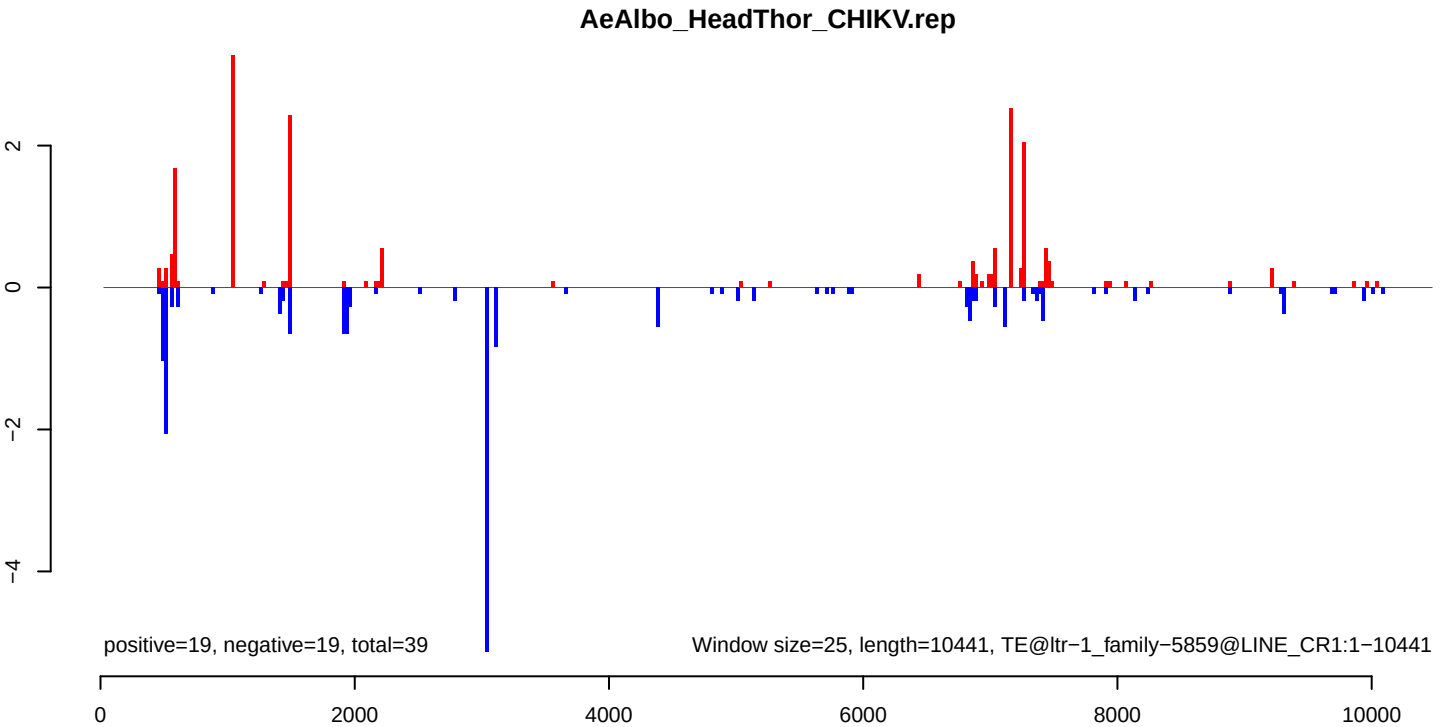

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=36, negative=59, total=94
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=36, negative=61, total=97
Window size=25, length=7155, TE@ltr−1_family−5589@Satellite:1−7155
10
5
0
−5
−10
−15
−20
−25
0
1000
2000
3000
4000
5000
6000
7000

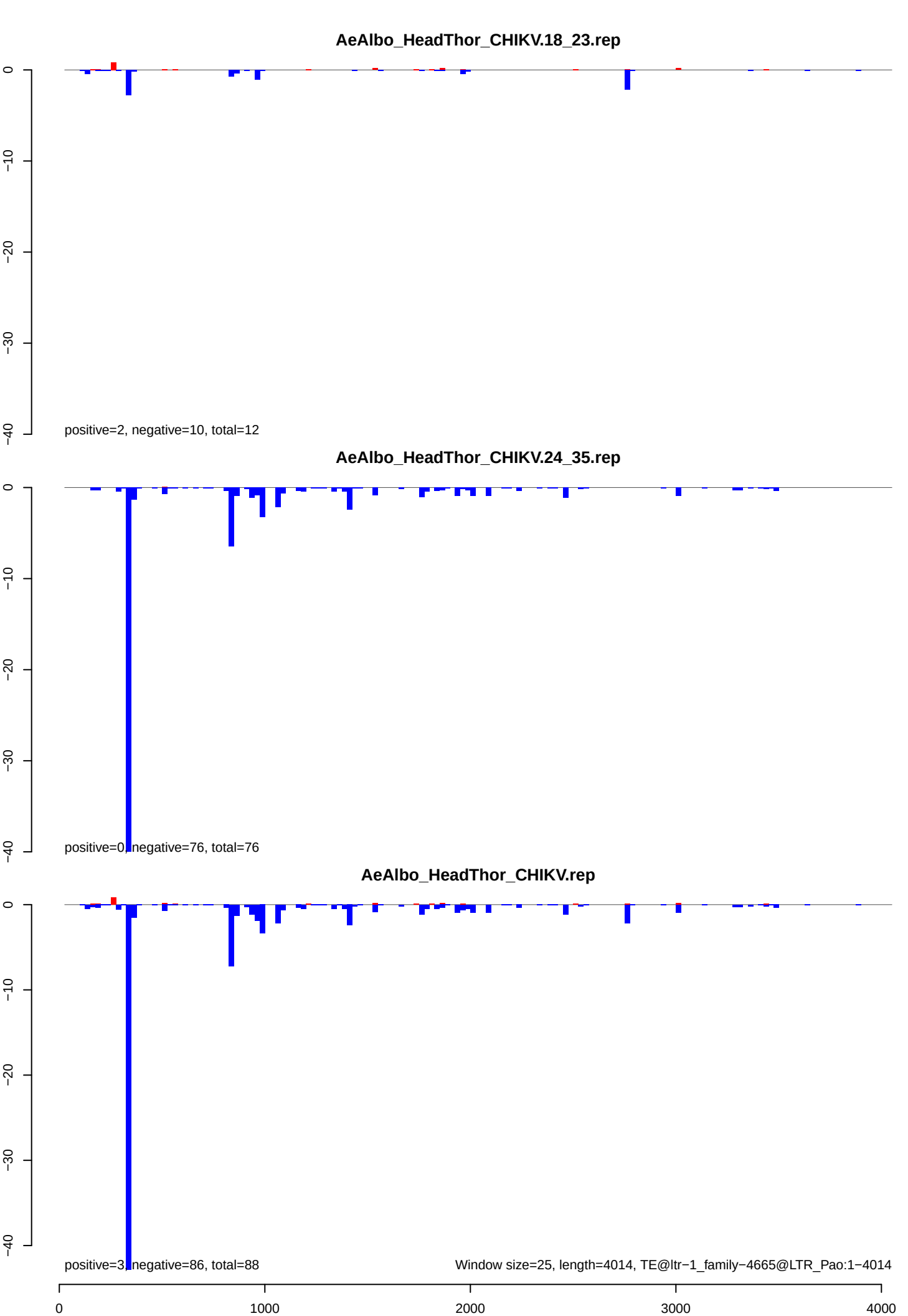

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=9, negative=8, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=9, negative=8, total=17
Window size=25, length=10738, TE@ltr−1_family−4649@LTR_Pao:1−10738
0
2000
4000
6000
8000
10000

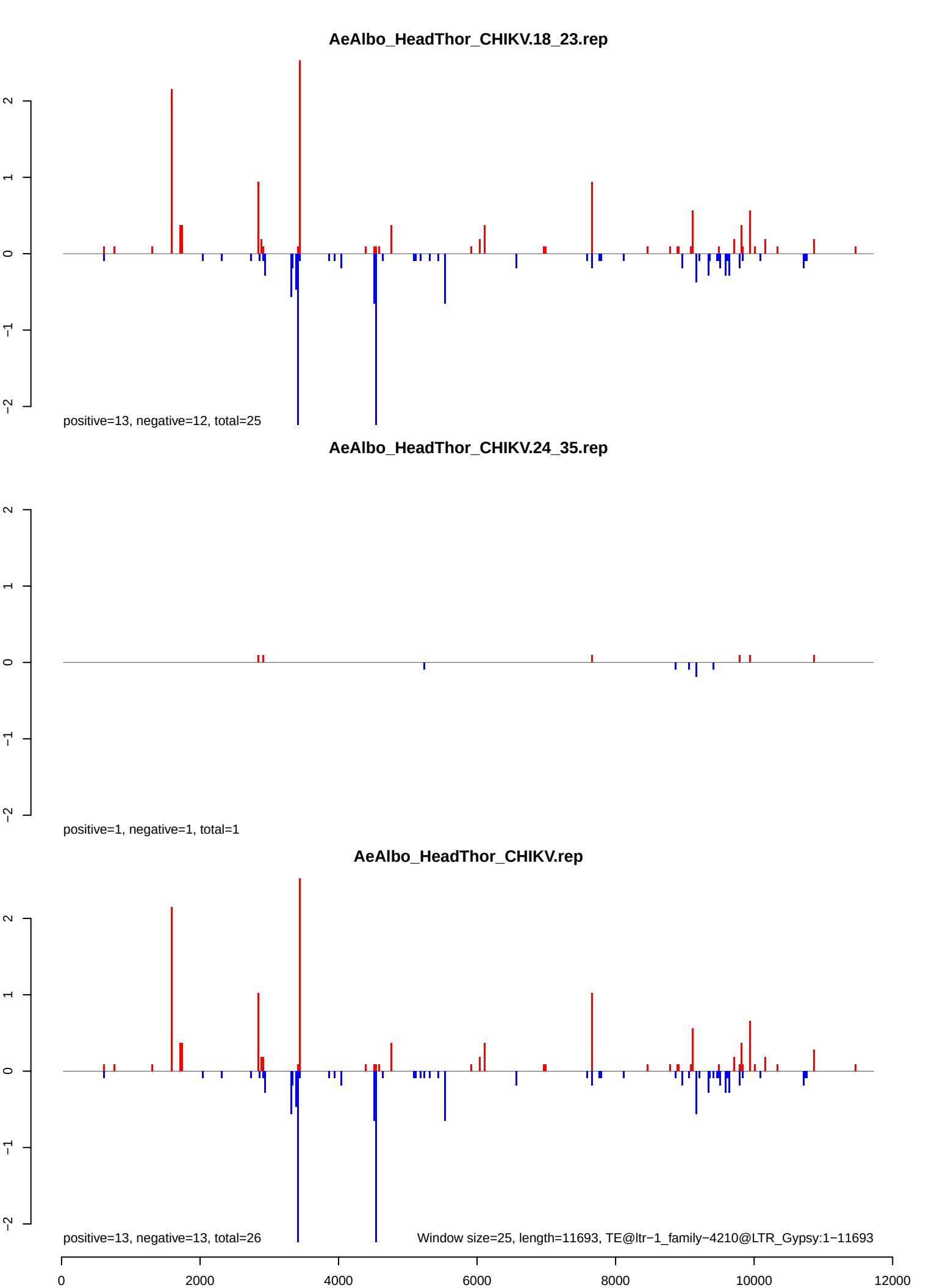

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=17, negative=17, total=34
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=17, negative=18, total=35
Window size=25, length=7719, TE@ltr−1_family−4429@LTR_Gypsy:1−7719
1
0
−1
−2
−3
−4
0
2000
4000
6000
8000

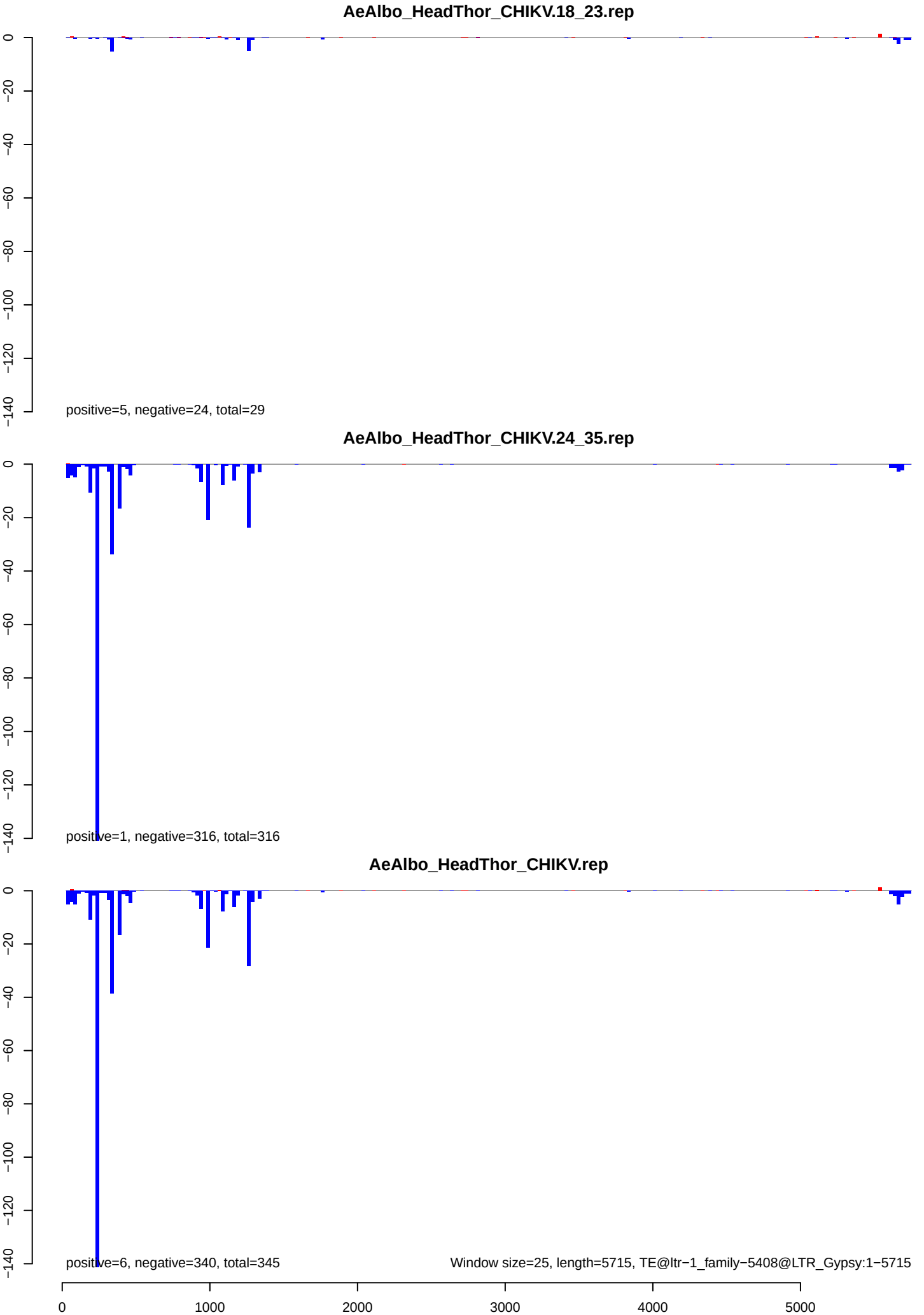

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
positive=19, negative=18, total=37

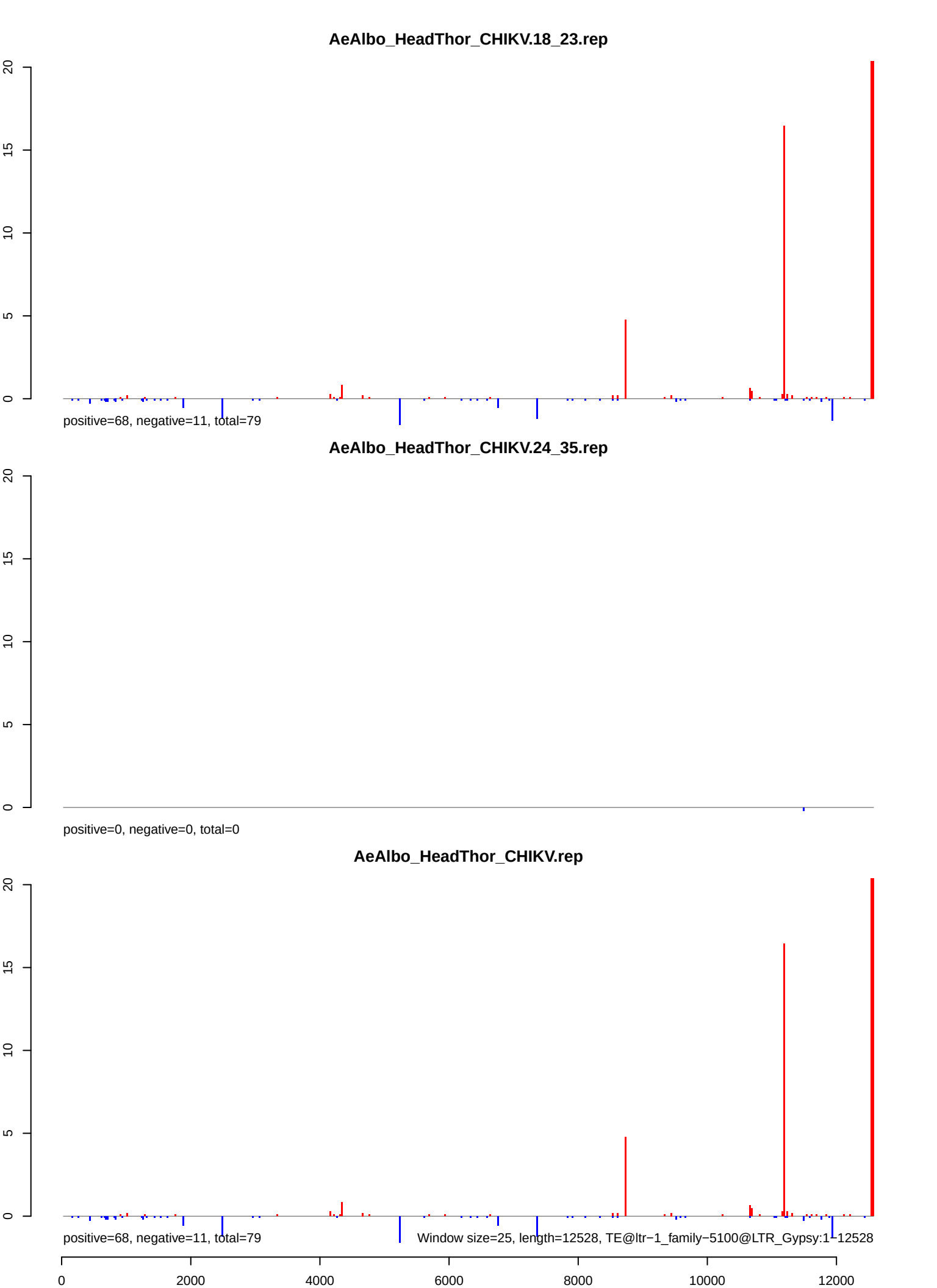

AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
positive=0, negative=1, total=2

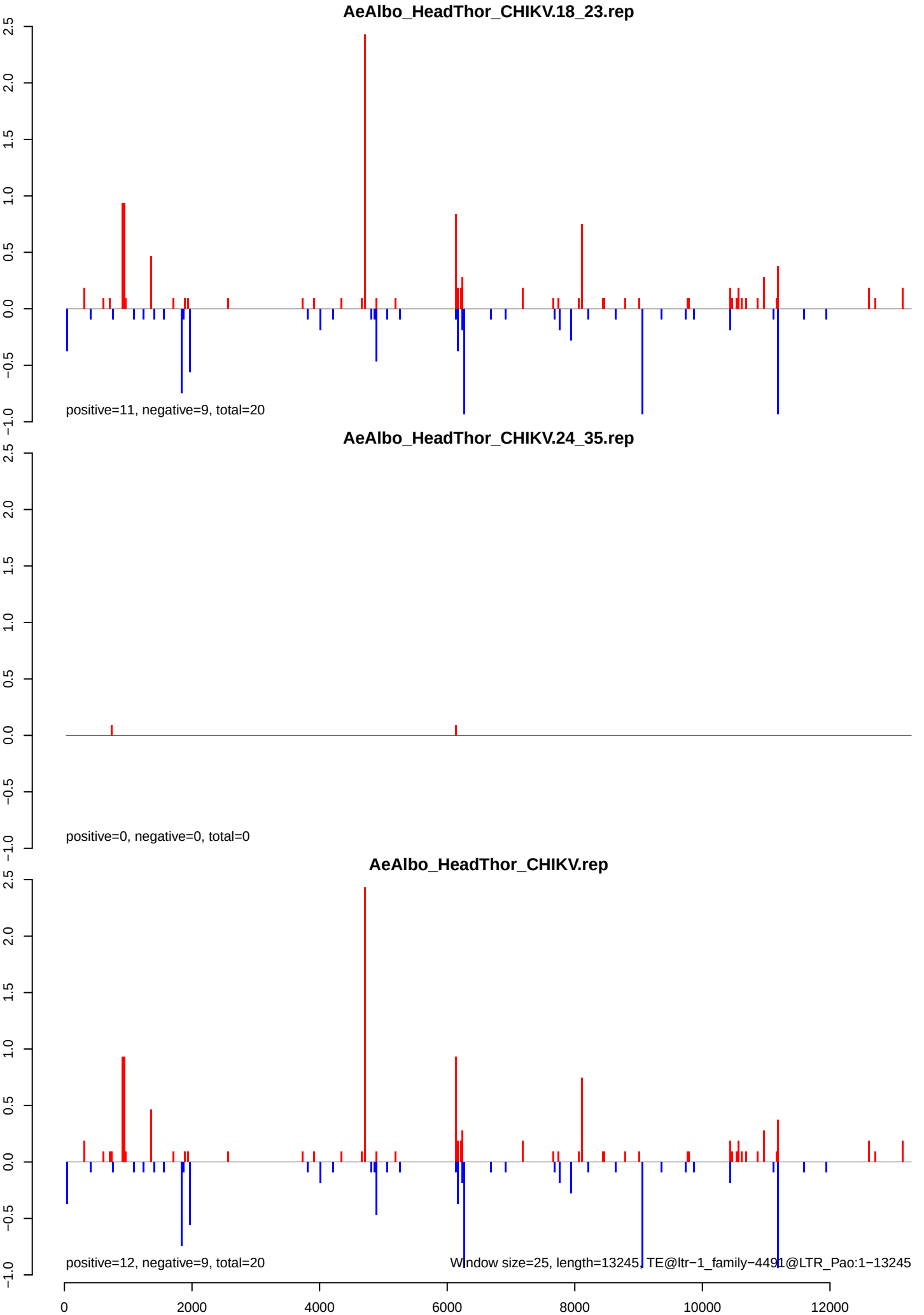

AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
positive=19, negative=19, total=39
Window size=25, length=10441, TE@ltr−1_family−5859@LINE_CR1:1−10441
0
2000
4000
6000
8000
10000

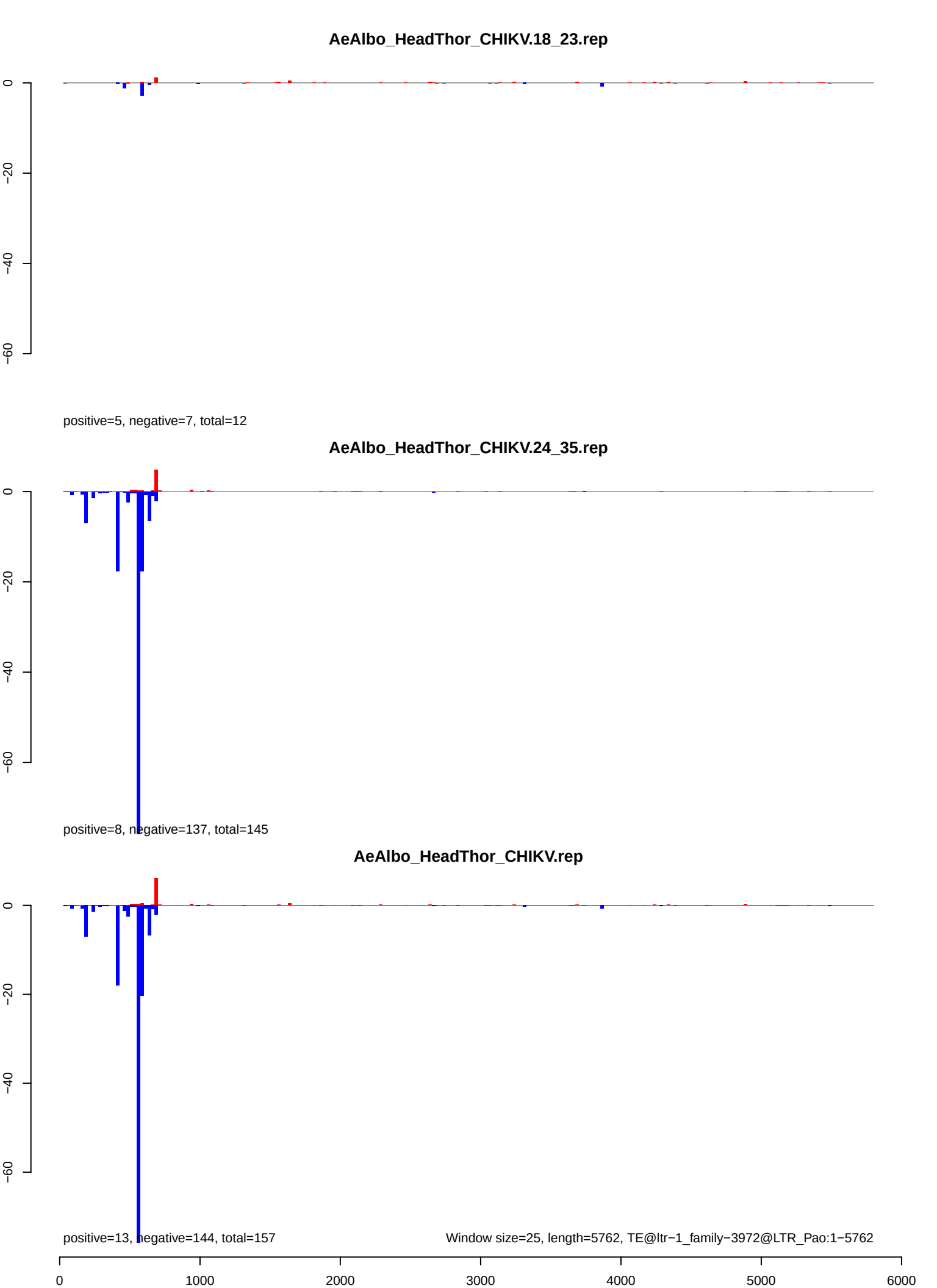

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=2, negative=10, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=76, total=76
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=3, negative=86, total=88
Window size=25, length=4014, TE@ltr−1_family−4665@LTR_Pao:1−4014
0
1000
2000
3000
4000

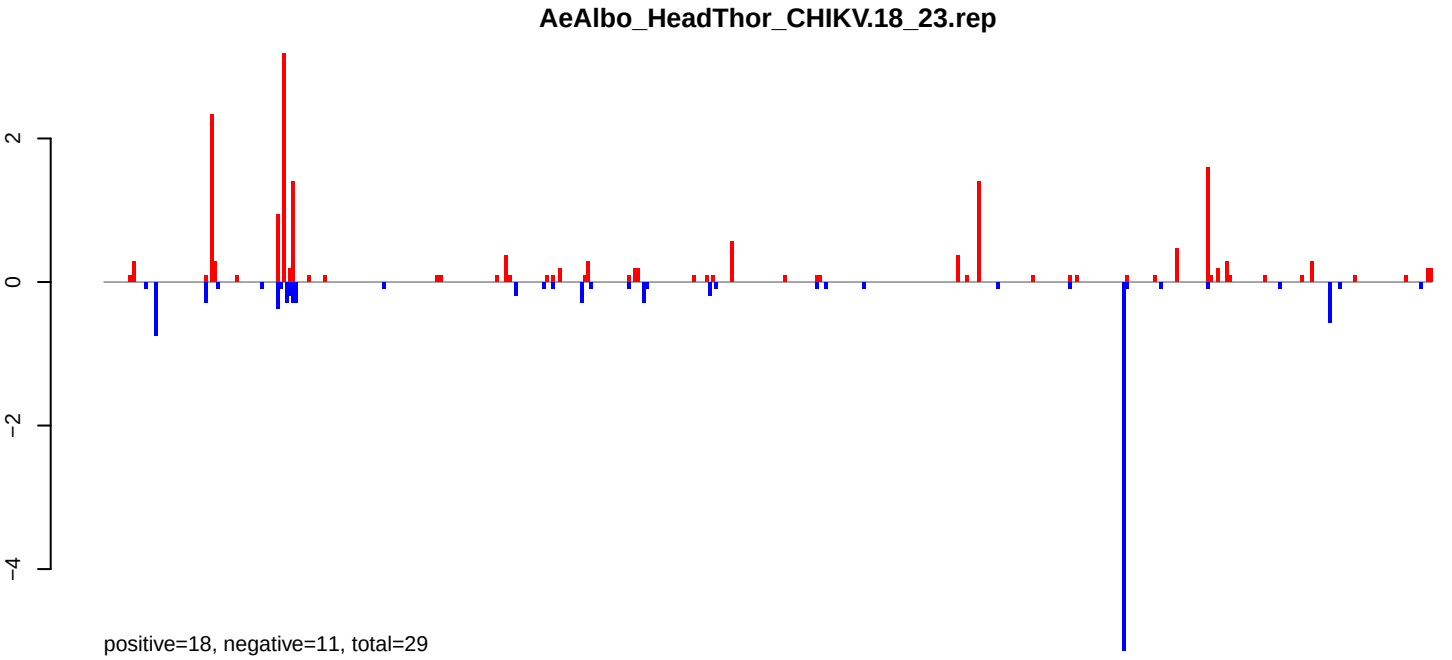

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=13, negative=12, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=13, total=26
Window size=25, length=11693, TE@ltr−1_family−4210@LTR_Gypsy:1−11693
0
2000
4000
6000
8000
10000
12000

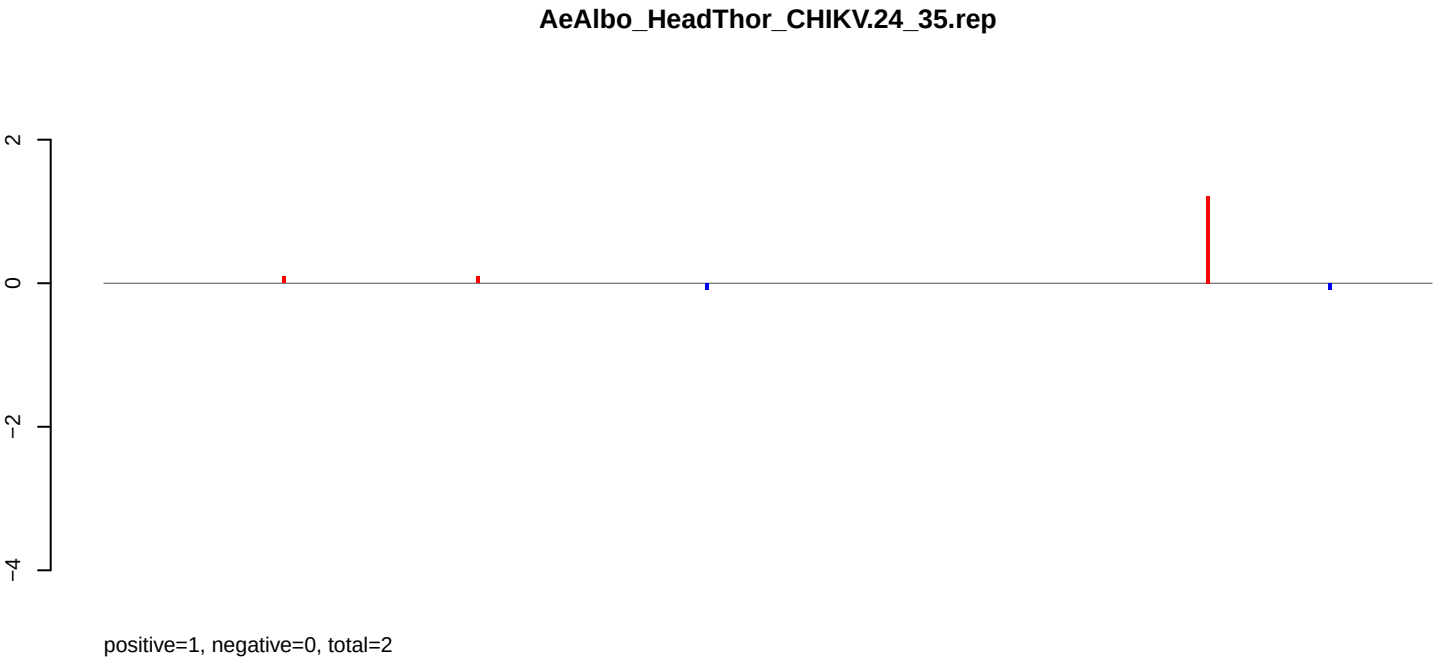

AeAlbo_HeadThor_CHIKV.18_23.rep
0
-20
-40
-60
-80
-100
-120
-140
positive=5, negative=24, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=316, total=316
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=340, total=345
Window size=25, length=5715, TE@ltr−1_family−5408@LTR_Gypsy:1−5715
0
1000
2000
3000
4000
5000

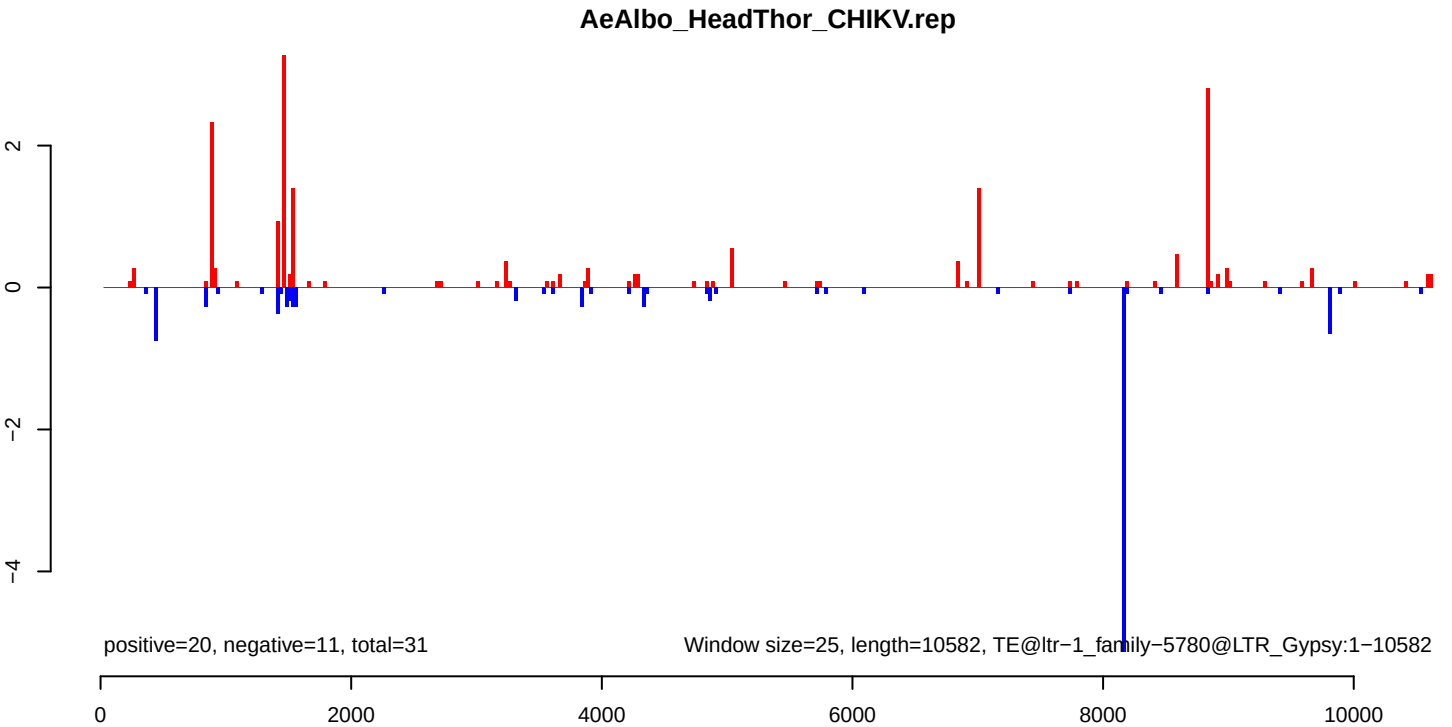

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=68, negative=11, total=79
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=68, negative=11, total=79
Window size=25, length=12528, TE@ltr−1_family−5100@LTR_Gypsy:1−12528
0
2000
4000
6000
8000
10000
12000

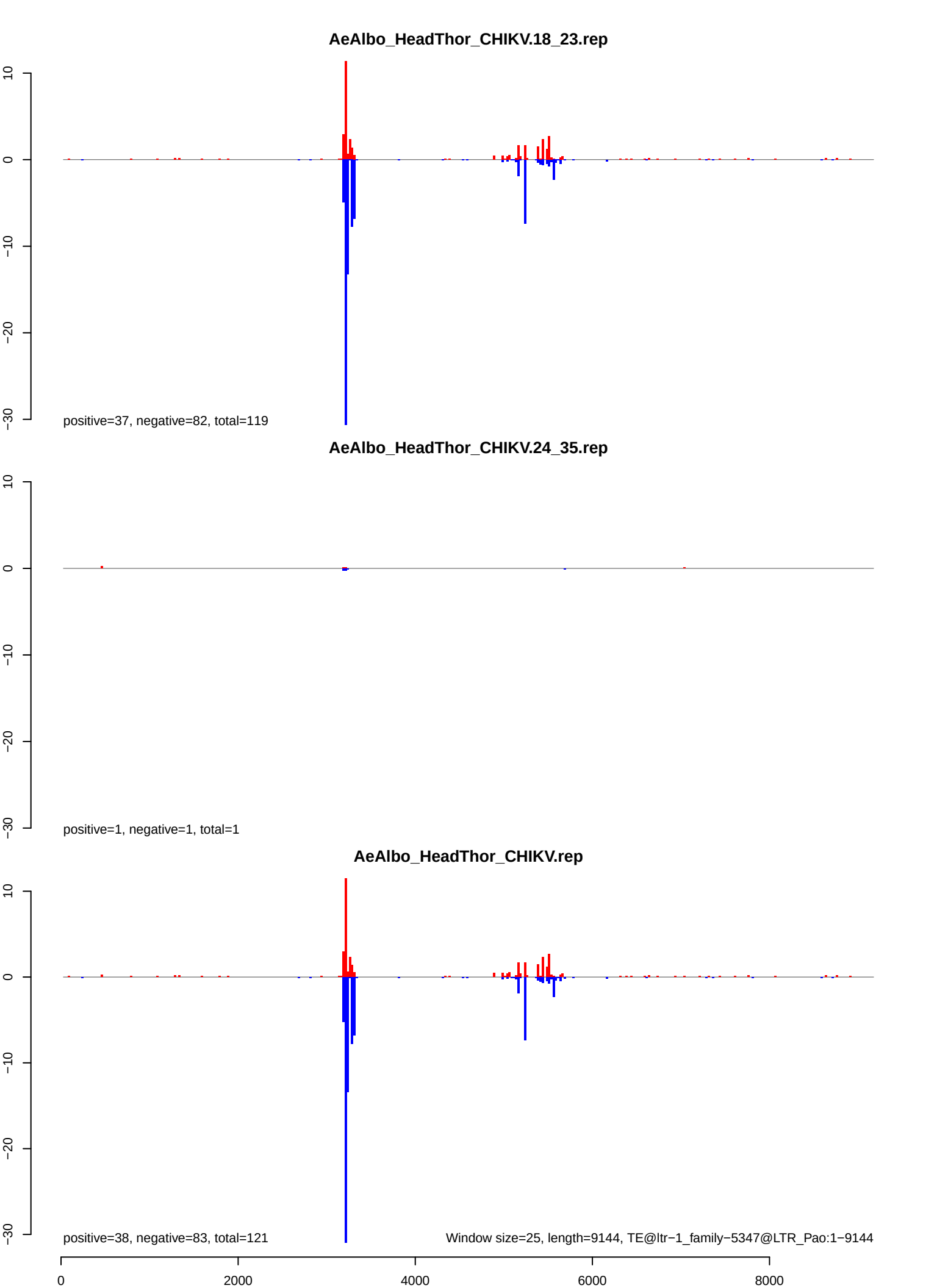

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=9, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=9, total=20
Window size=25, length=13245, TE@ltr−1_family−4491@LTR_Pao:1−13245
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
2000
4000
6000
8000
10000
12000

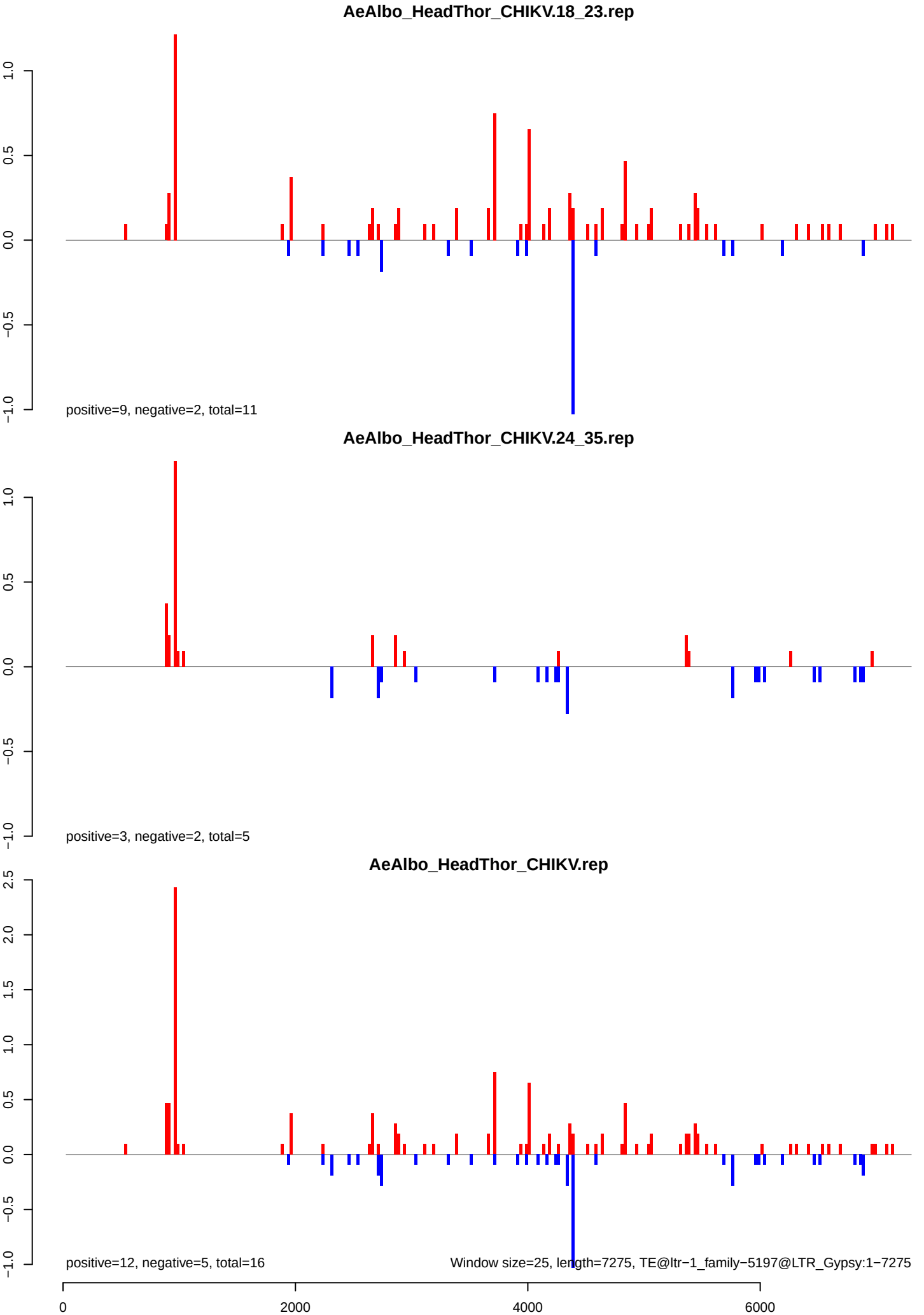

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
positive=5, negative=7, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
positive=8, negative=137, total=145
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
positive=13, negative=144, total=157
Window size=25, length=5762, TE@ltr−1_family−3972@LTR_Pao:1−5762
0
1000
2000
3000
4000
5000
6000

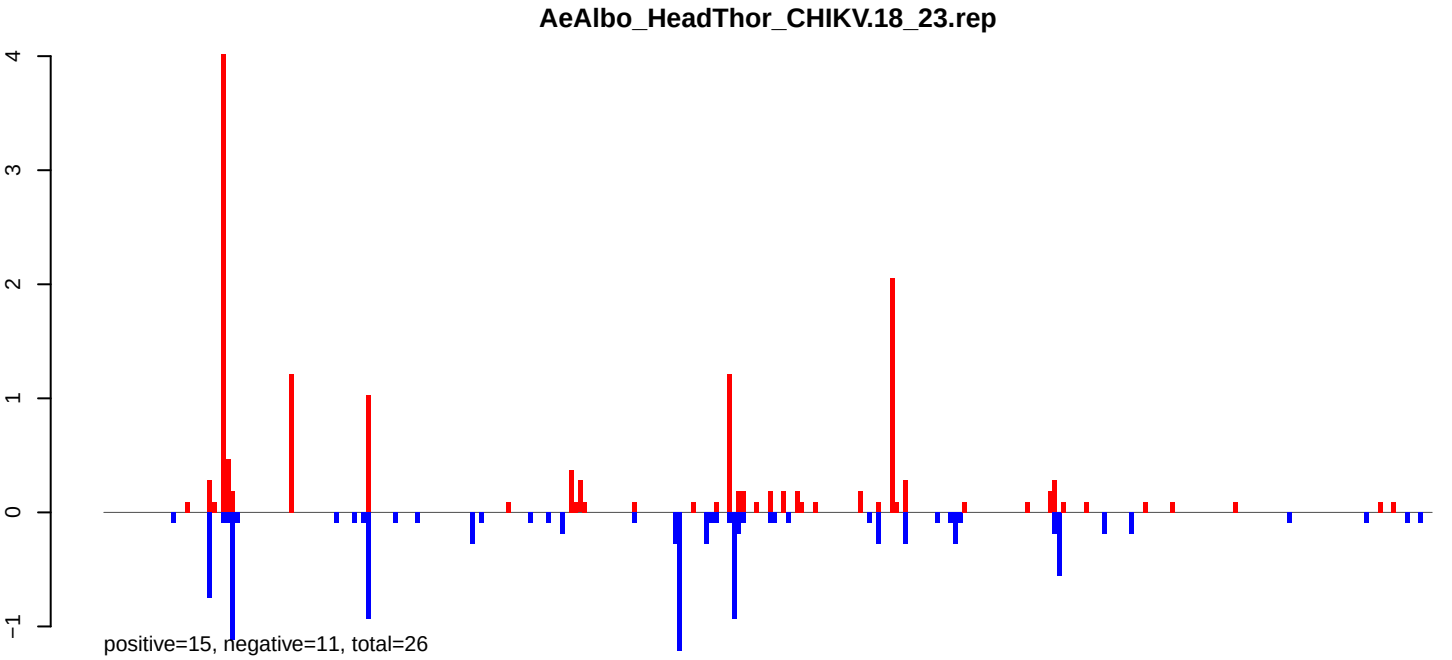

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
positive=18, negative=11, total=29

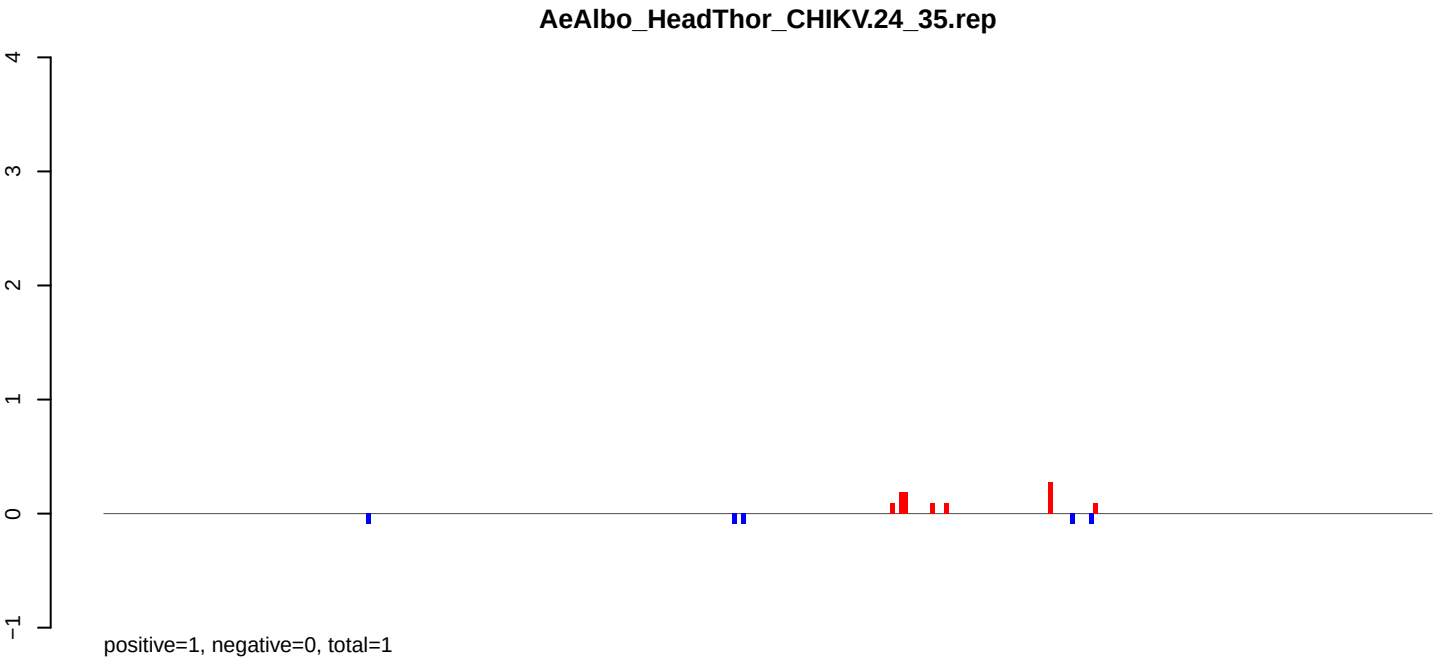

AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
positive=1, negative=0, total=2

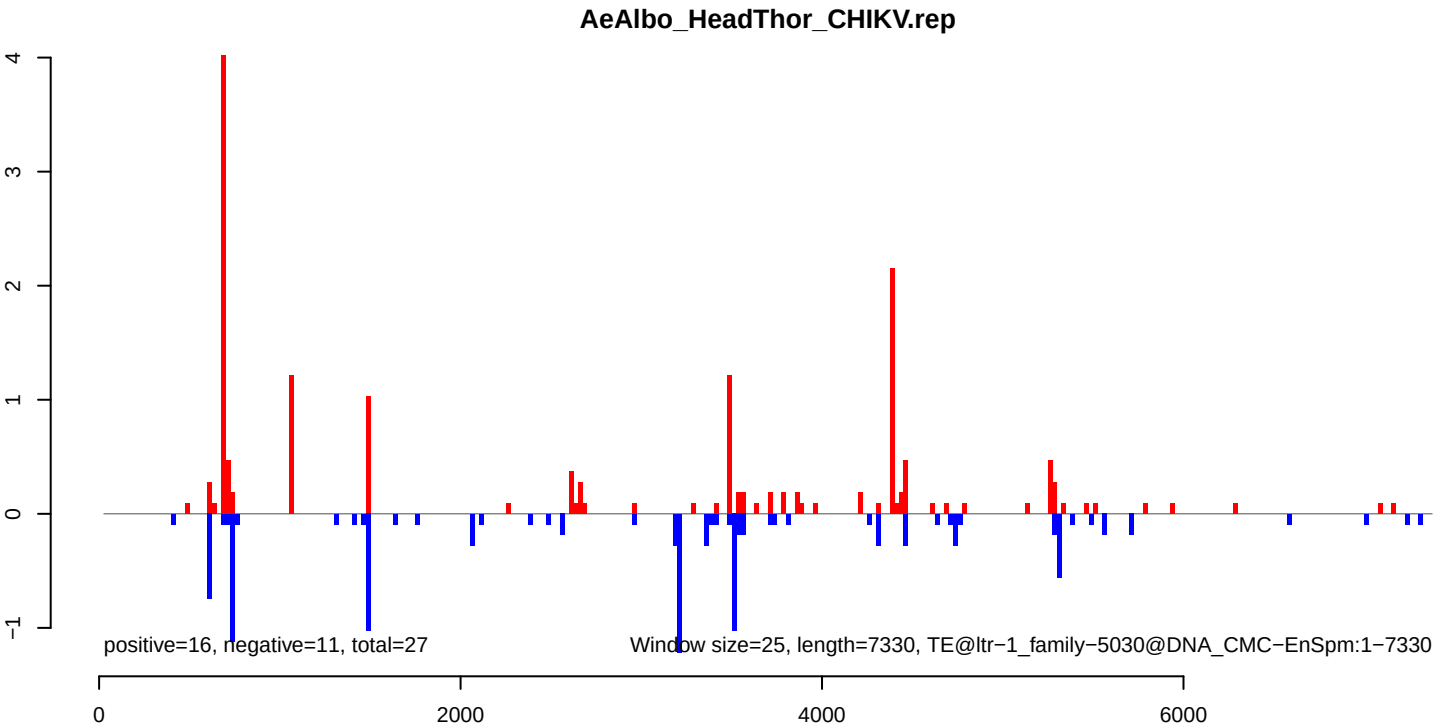

AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
positive=20, negative=11, total=31
Window size=25, length=10582, TE@ltr−1_family−5780@LTR_Gypsy:1−10582
0
2000
4000
6000
8000
10000

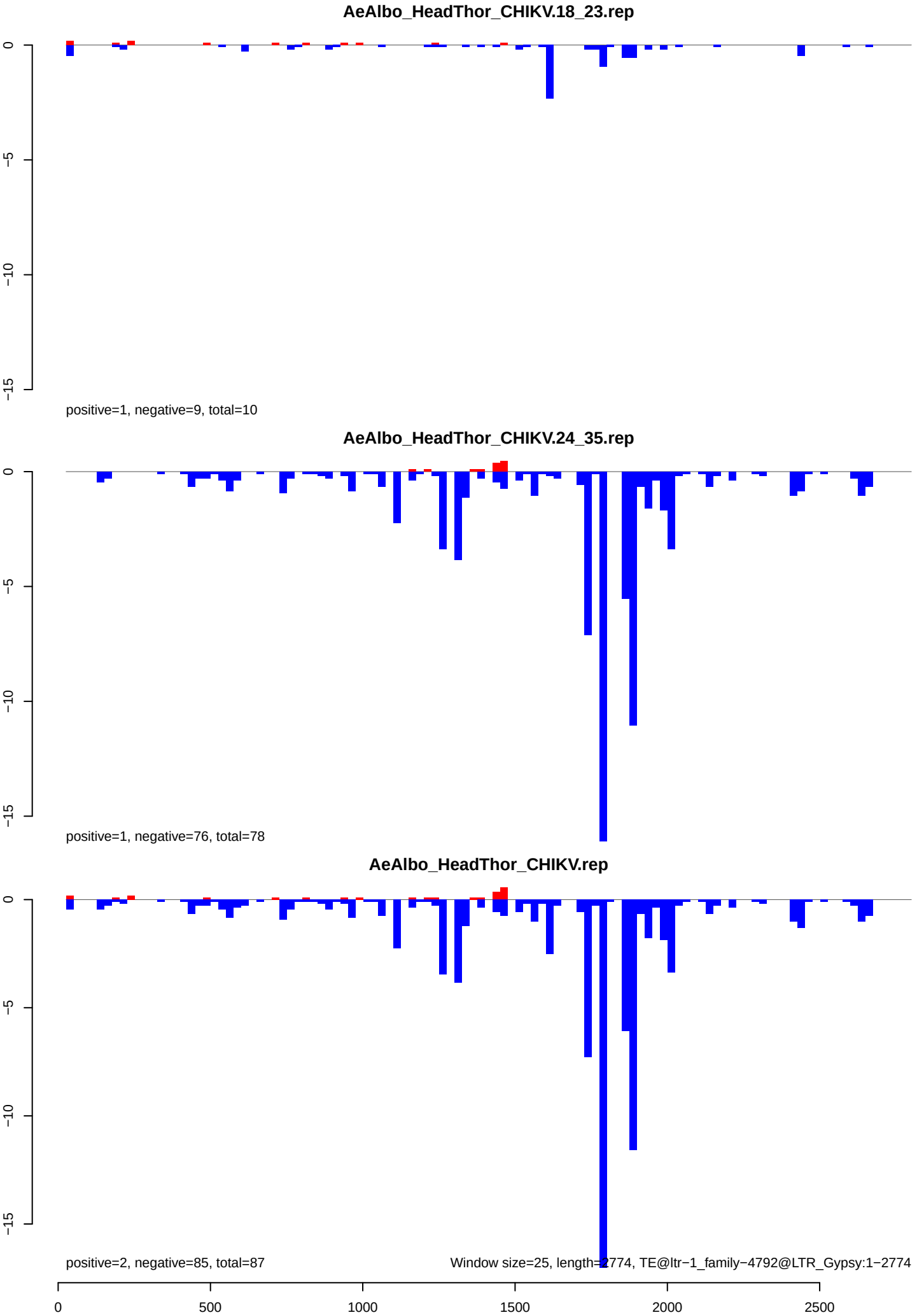

AeAlbo_HeadThor_CHIKV.18_23.rep
10
0
−10
−20
−30
positive=37, negative=82, total=119
AeAlbo_HeadThor_CHIKV.24_35.rep
10
0
−10
−20
−30
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
10
0
−10
−20
−30
positive=38, negative=83, total=121
Window size=25, length=9144, TE@ltr−1_family−5347@LTR_Pao:1−9144
0
2000
4000
6000
8000

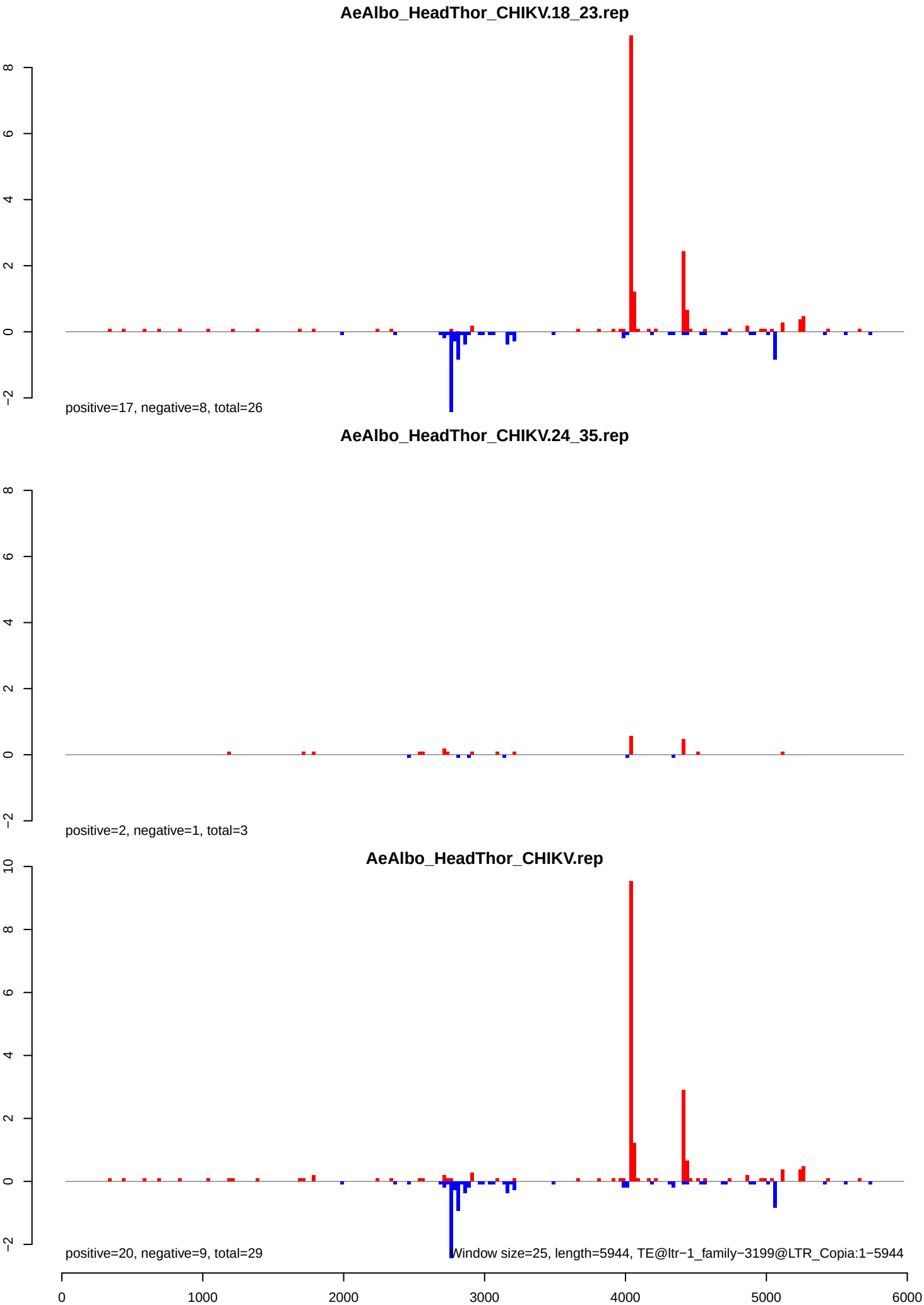

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=2, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=5, total=16
Window size=25, length=7275, TE@ltr−1_family−5197@LTR_Gypsy:1−7275
0
2000
4000
6000

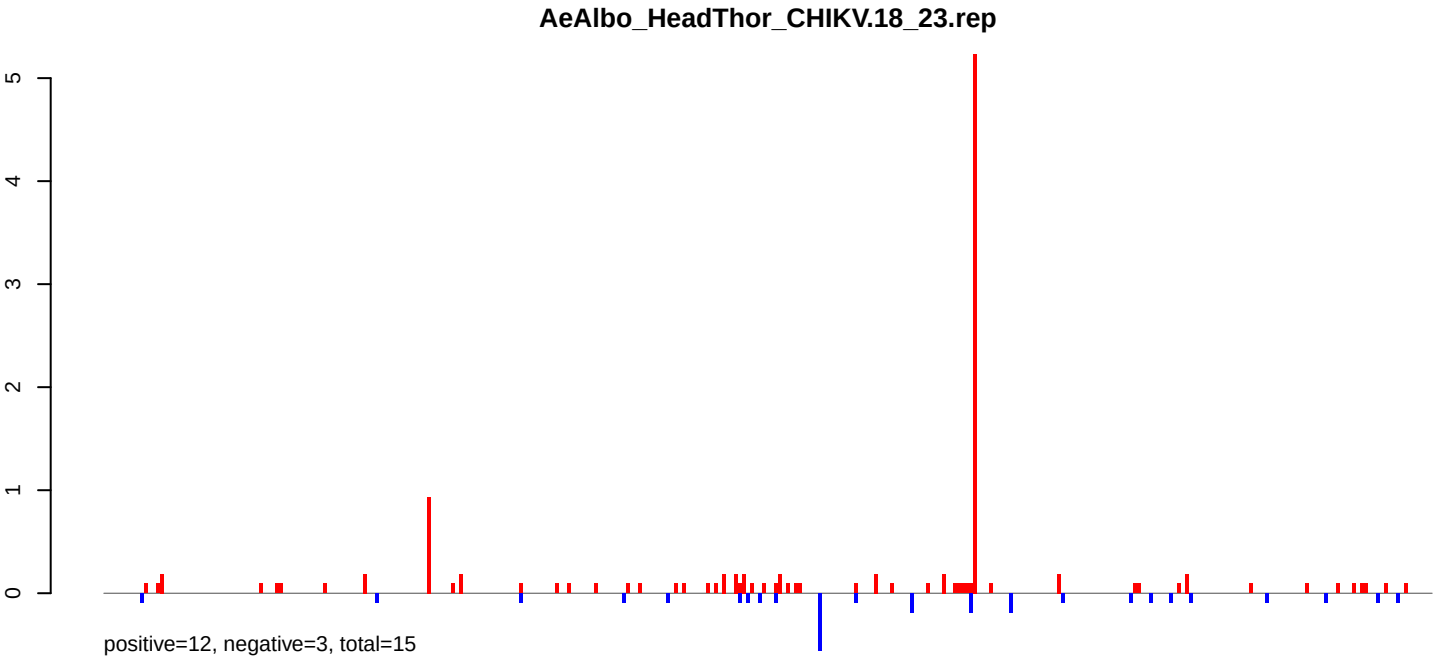

AeAlbo_HeadThor_CHIKV.18_23.rep
4
3
2
1
0
−1
positive=15, negative=11, total=26

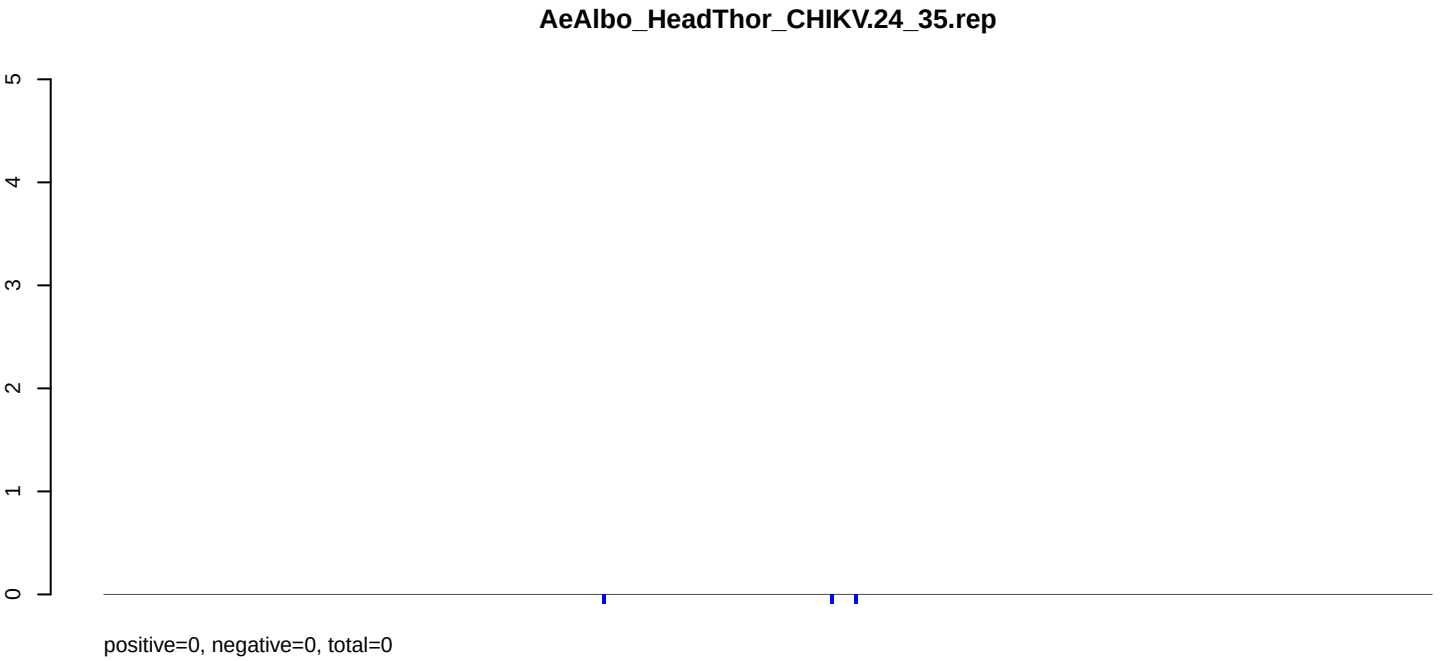

AeAlbo_HeadThor_CHIKV.24_35.rep
4
3
2
1
0
−1
positive=1, negative=0, total=1

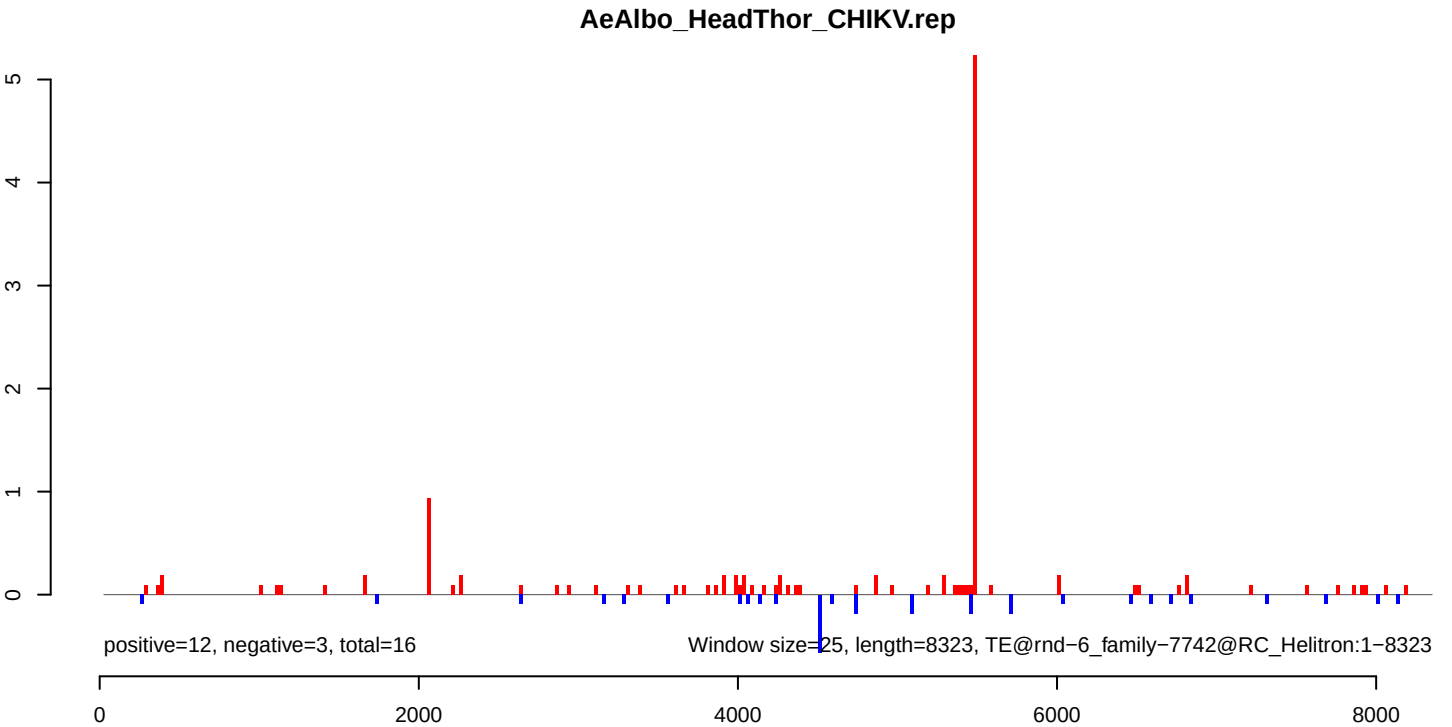

AeAlbo_HeadThor_CHIKV.rep
4
3
2
1
0
−1
positive=16, negative=11, total=27
Window size=25, length=7330, TE@ltr−1_family−5030@DNA_CMC−EnSpm:1−7330
0
2000
4000
6000

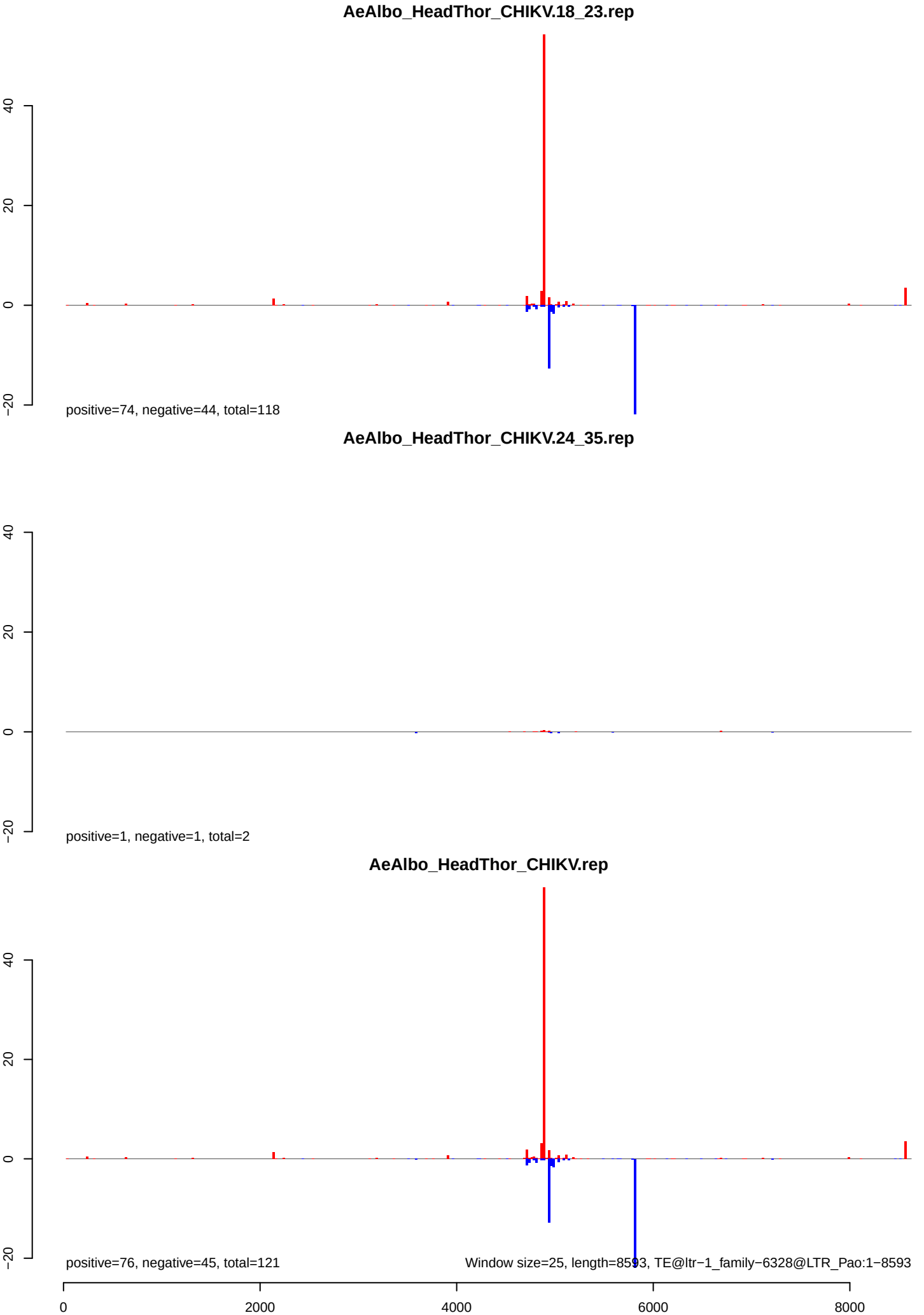

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=9, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=1, negative=76, total=78
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=2, negative=85, total=87
Window size=25, length=2774, TE@ltr−1_family−4792@LTR_Gypsy:1−2774
0
500
1000
1500
2000
2500

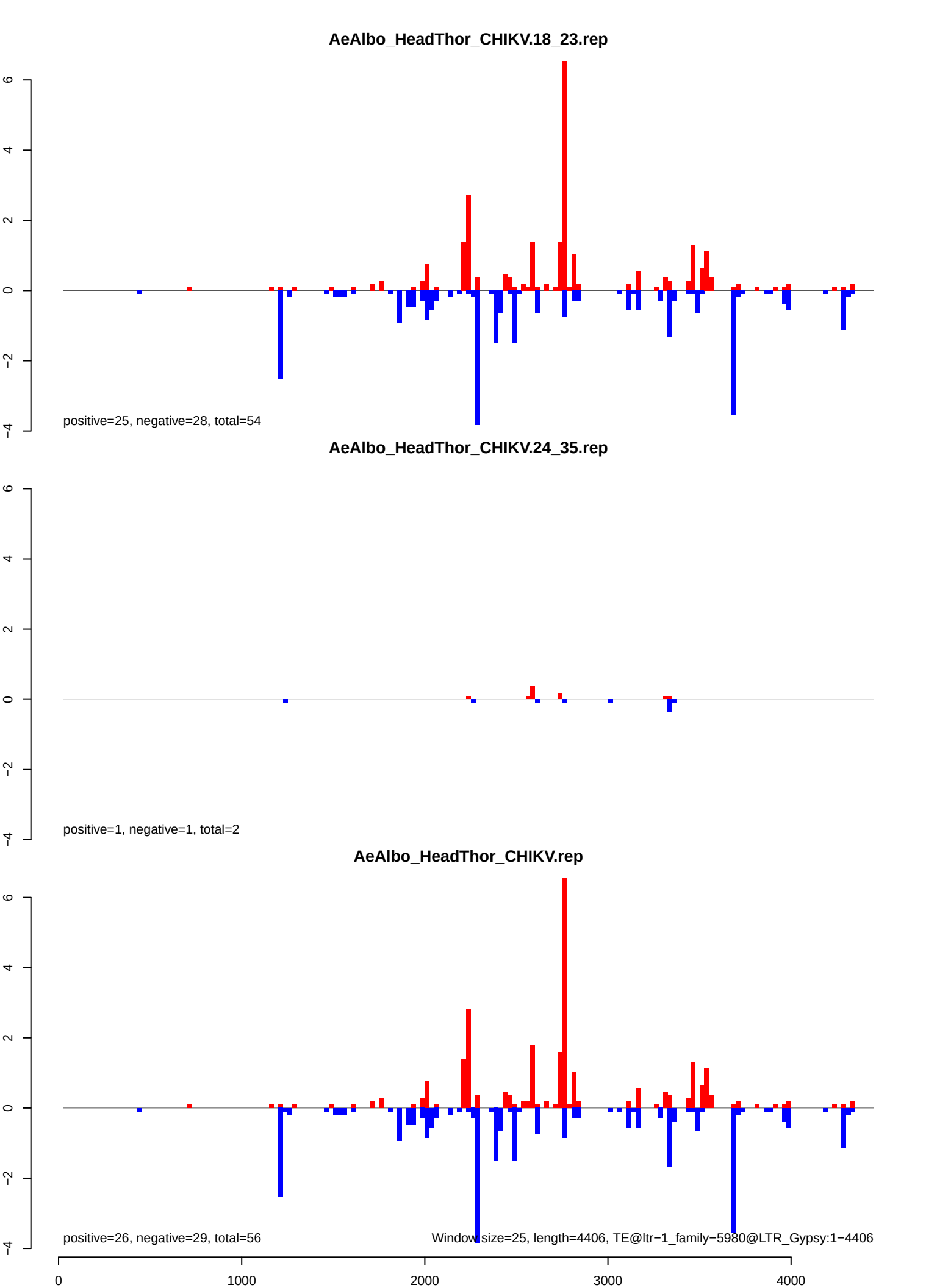

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=17, negative=8, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=20, negative=9, total=29
Window size=25, length=5944, TE@ltr−1_family−3199@LTR_Copia:1−5944
0
1000
2000
3000
4000
5000
6000

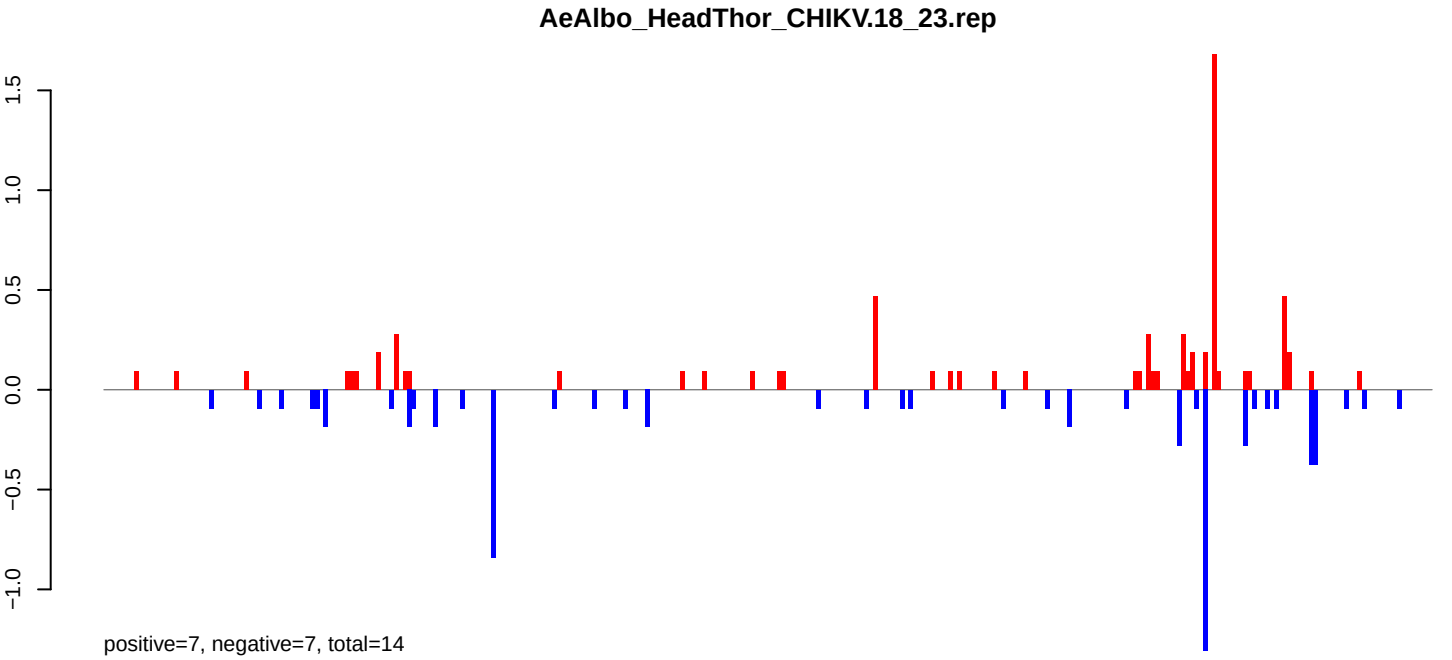

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
positive=12, negative=3, total=15

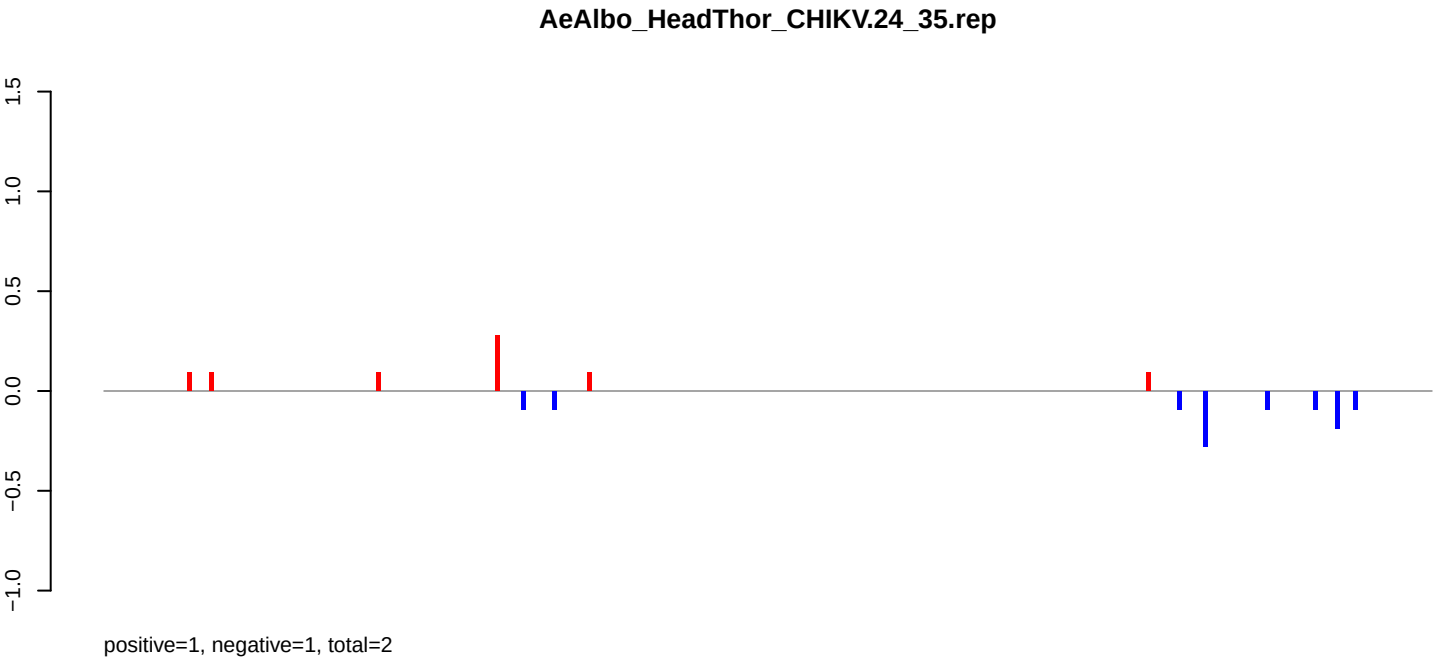

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
positive=0, negative=0, total=0

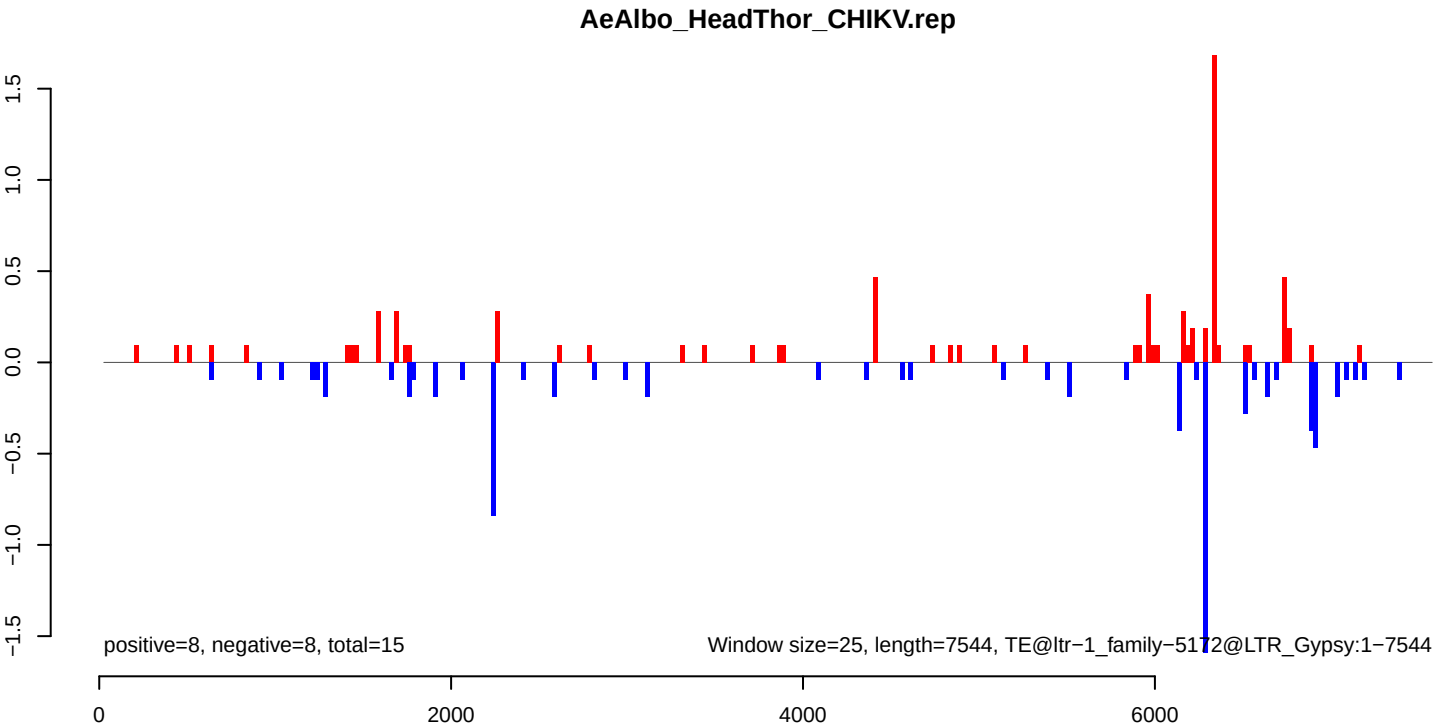

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=12, negative=3, total=16
Window size=25, length=8323, TE@rnd−6_family−7742@RC_Helitron:1−8323
0
2000
4000
6000
8000

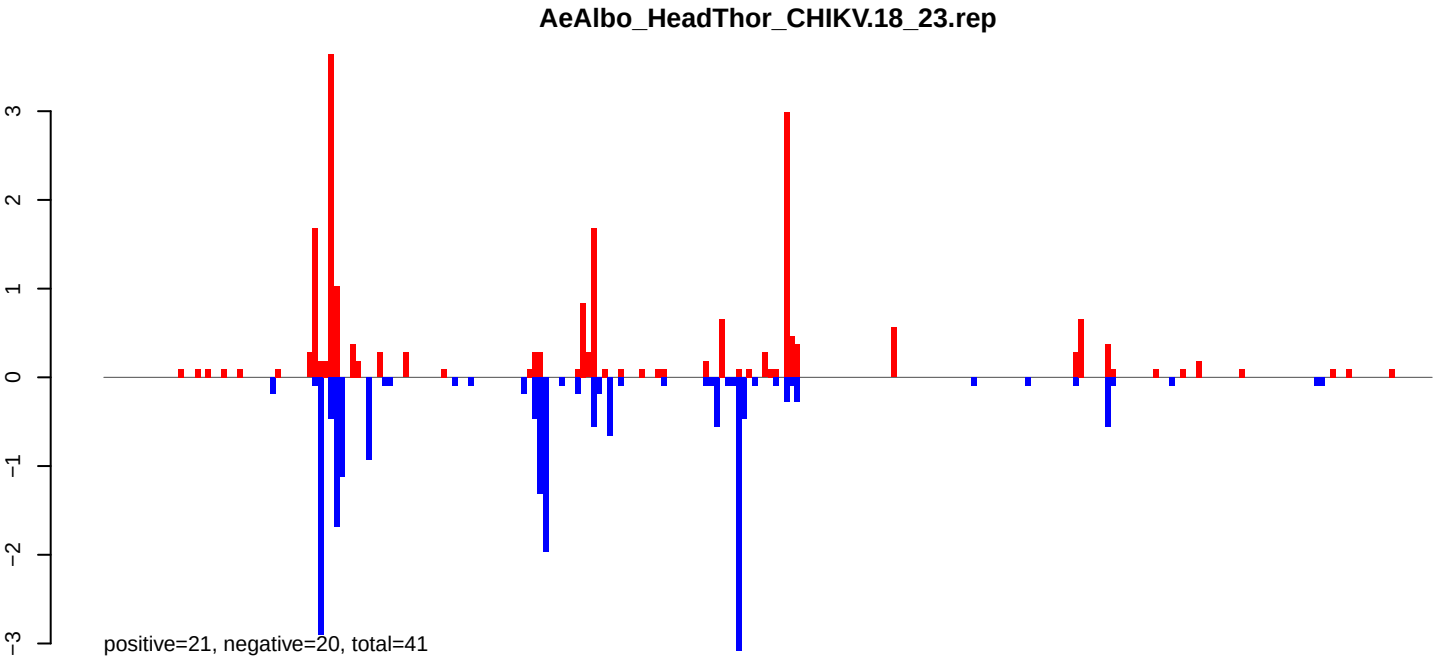

AeAlbo_HeadThor_CHIKV.18_23.rep
40
20
0
−20
positive=74, negative=44, total=118
AeAlbo_HeadThor_CHIKV.24_35.rep
40
20
0
−20
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
40
20
0
−20
positive=76, negative=45, total=121
Window size=25, length=8593, TE@ltr−1_family−6328@LTR_Pao:1−8593
0
2000
4000
6000
8000

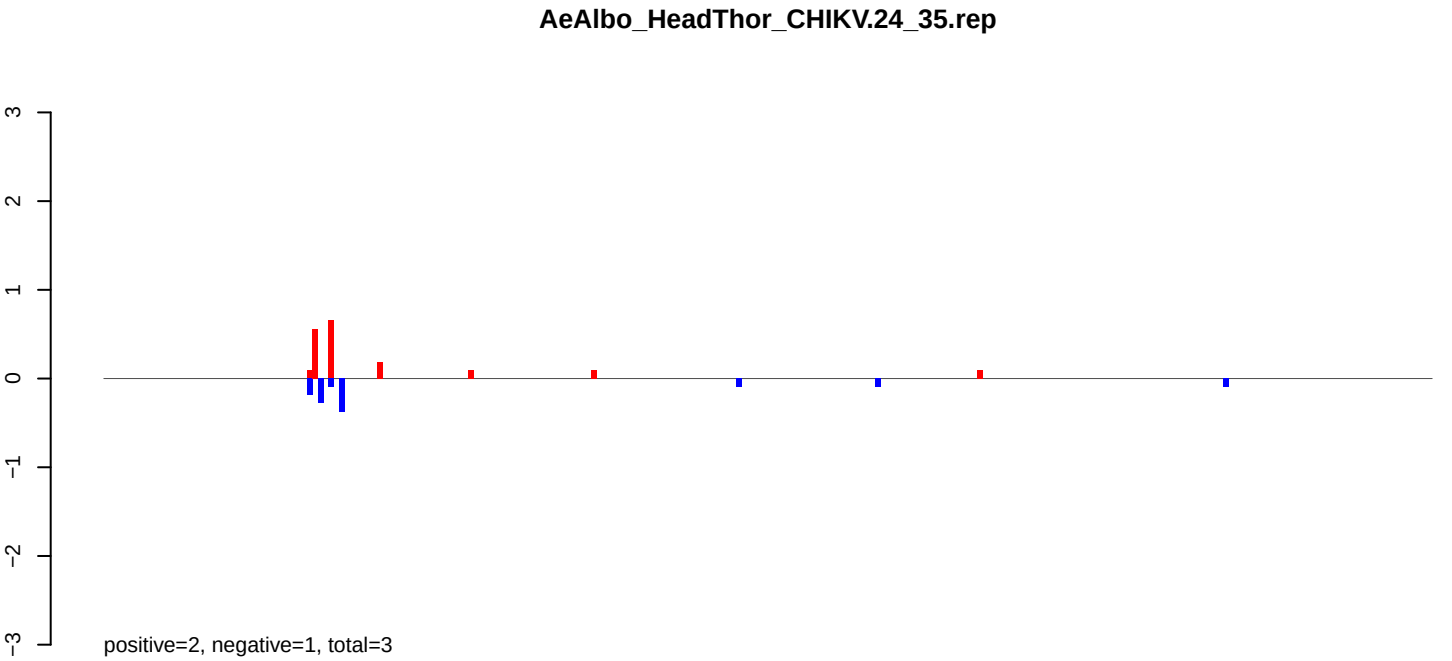

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=25, negative=28, total=54
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=26, negative=29, total=56
Window size=25, length=4406, TE@ltr−1_family−5980@LTR_Gypsy:1−4406
6
4
2
0
−2
−4
0
1000
2000
3000
4000

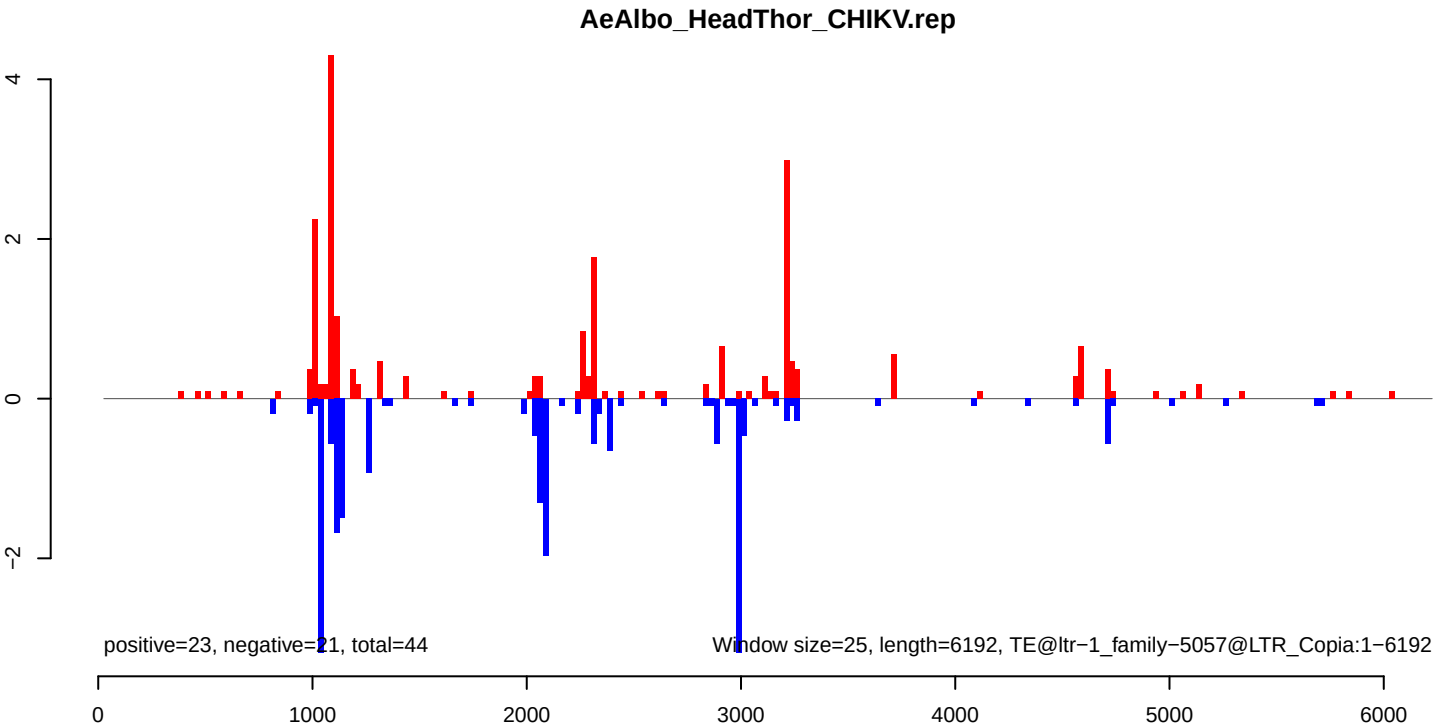

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=7, negative=7, total=14

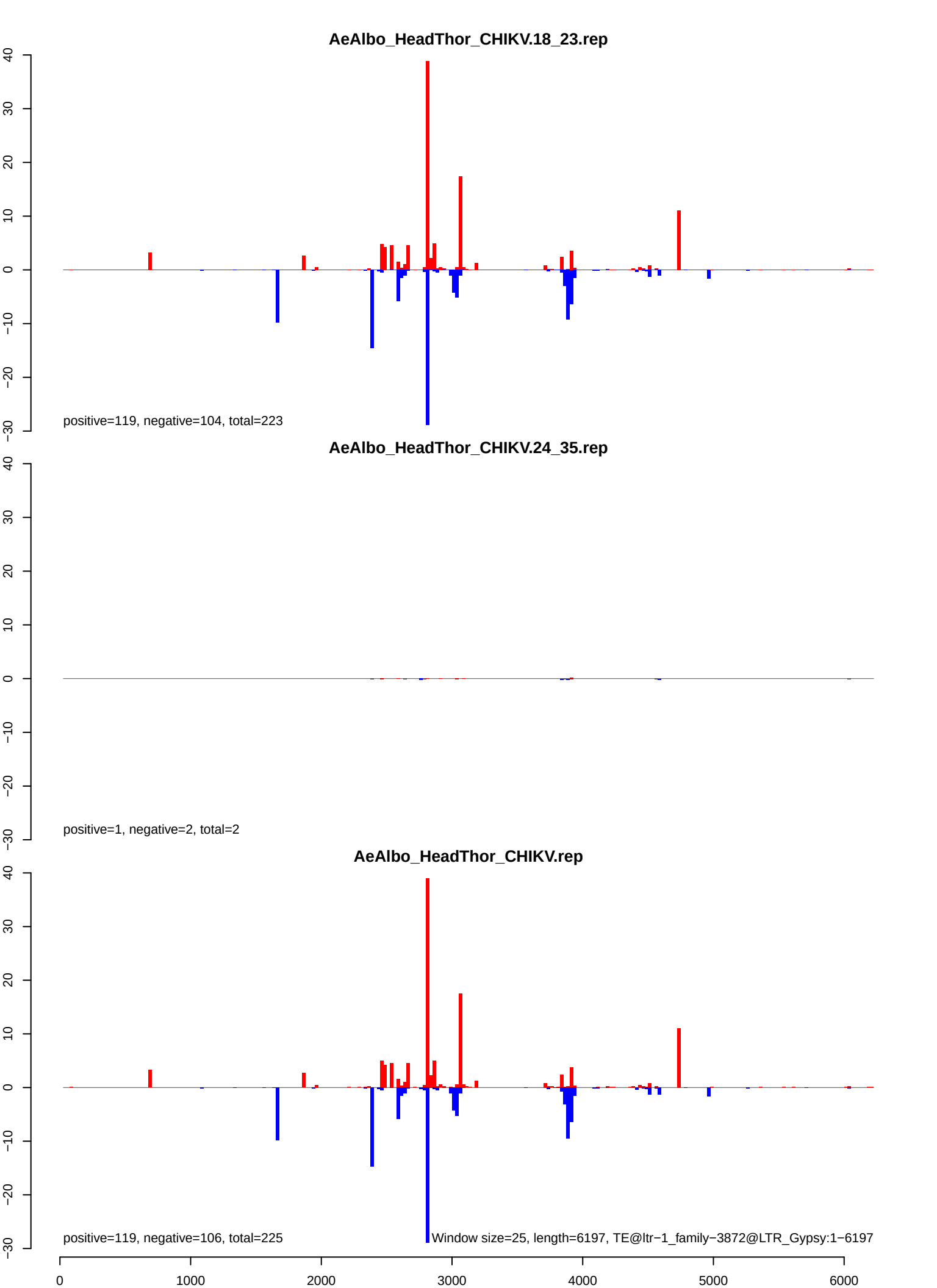

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=1, negative=1, total=2

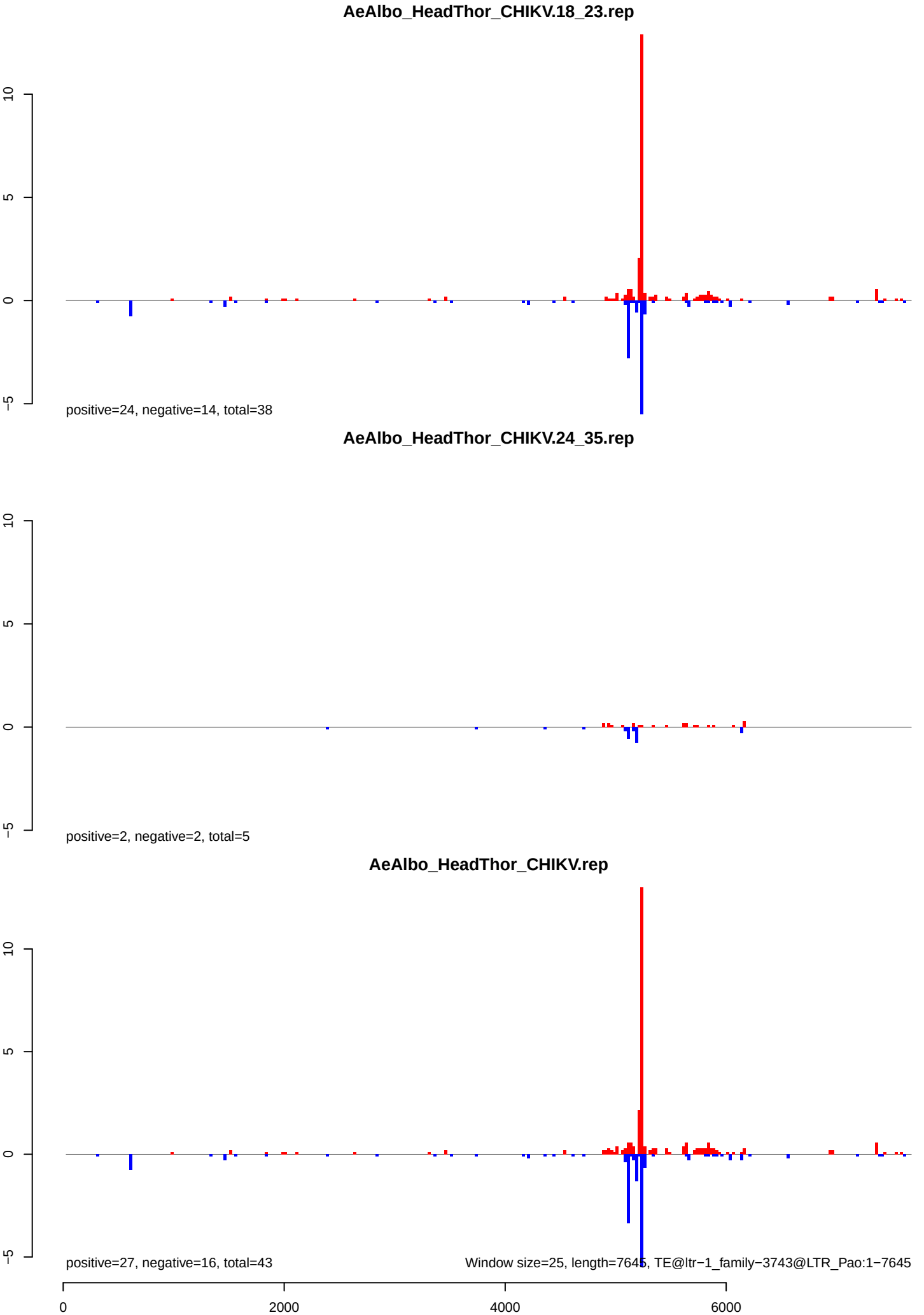

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=8, negative=8, total=15
Window size=25, length=7544, TE@ltr−1_family−5172@LTR_Gypsy:1−7544
0
2000
4000
6000

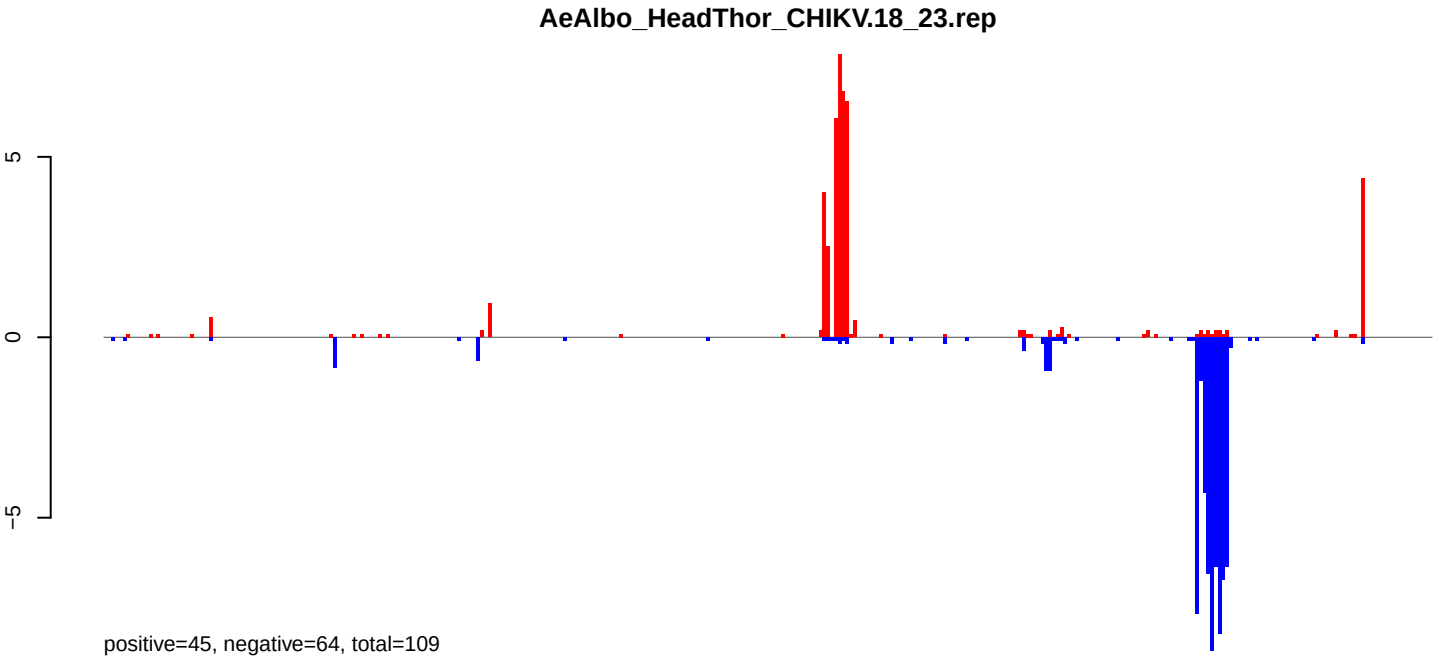

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=21, negative=20, total=41

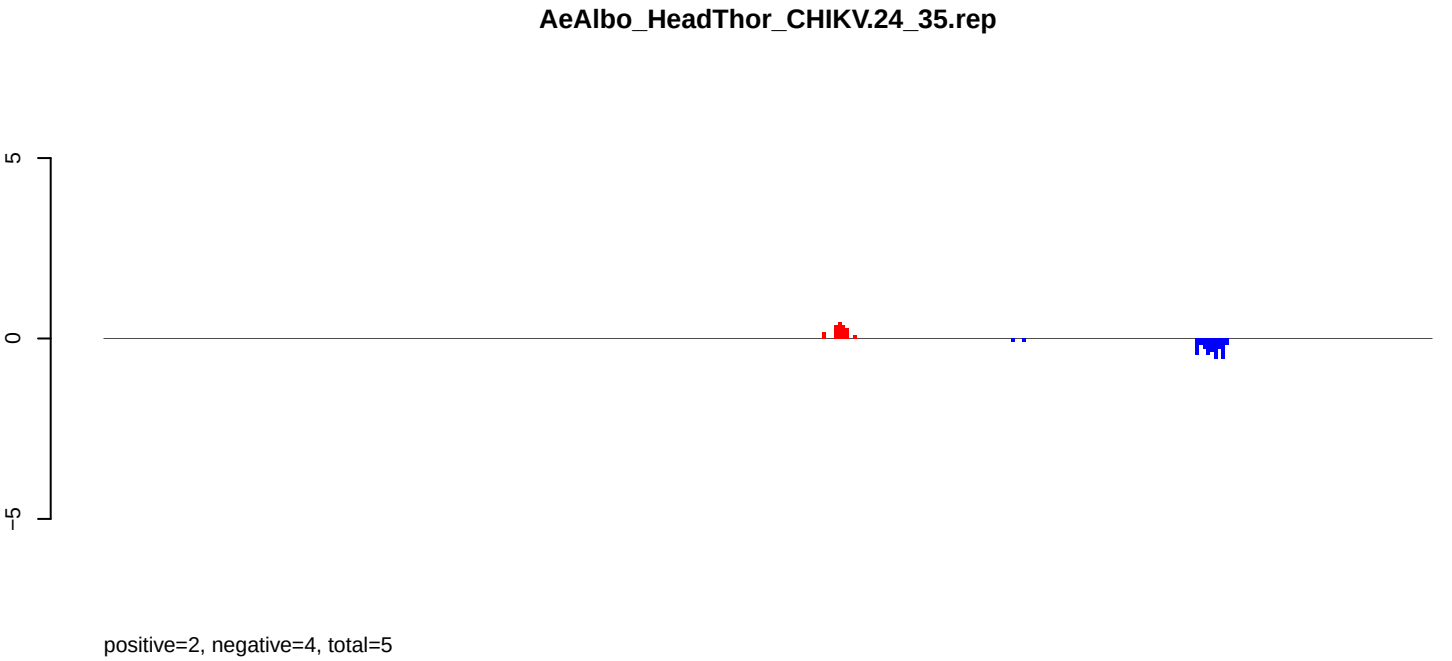

AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=1, total=3

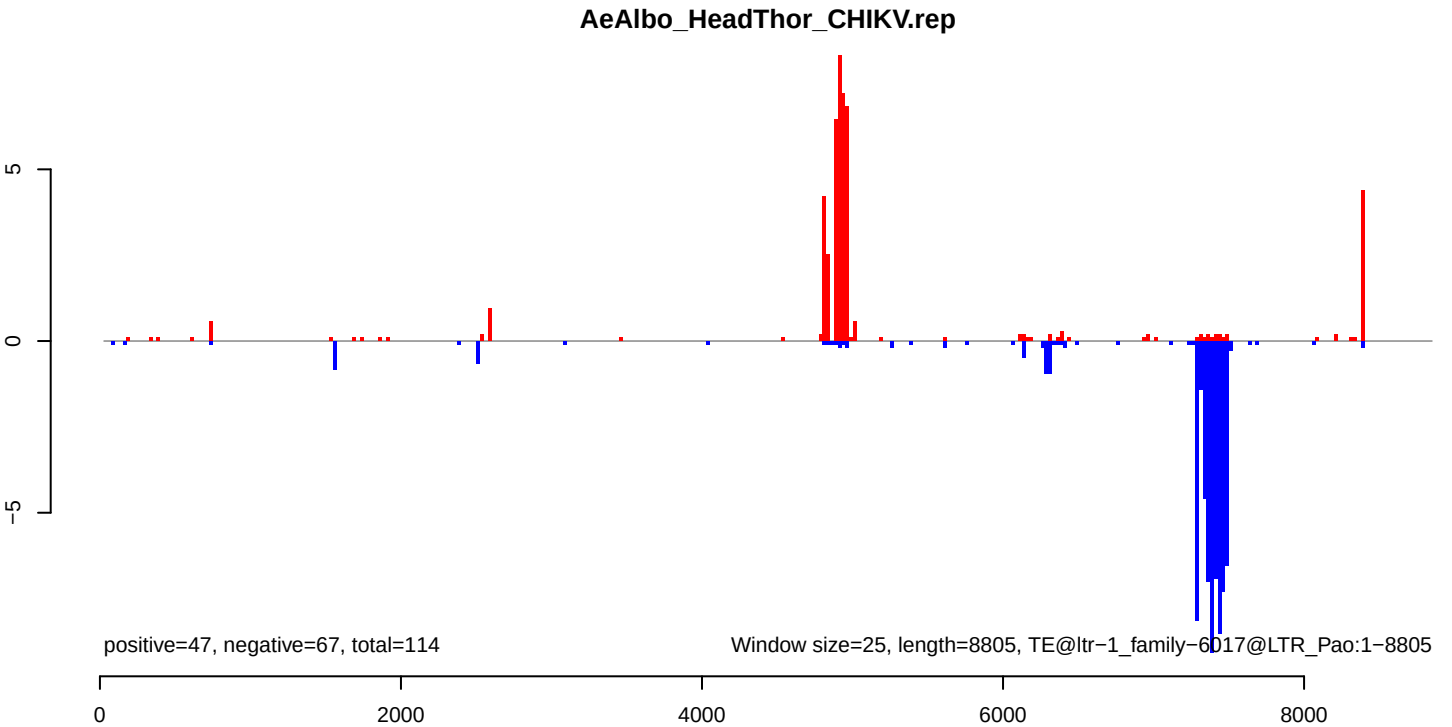

AeAlbo_HeadThor_CHIKV.rep
positive=23, negative=21, total=44
Window size=25, length=6192, TE@ltr−1_family−5057@LTR_Copia:1−6192
0
1000
2000
3000
4000
5000
6000

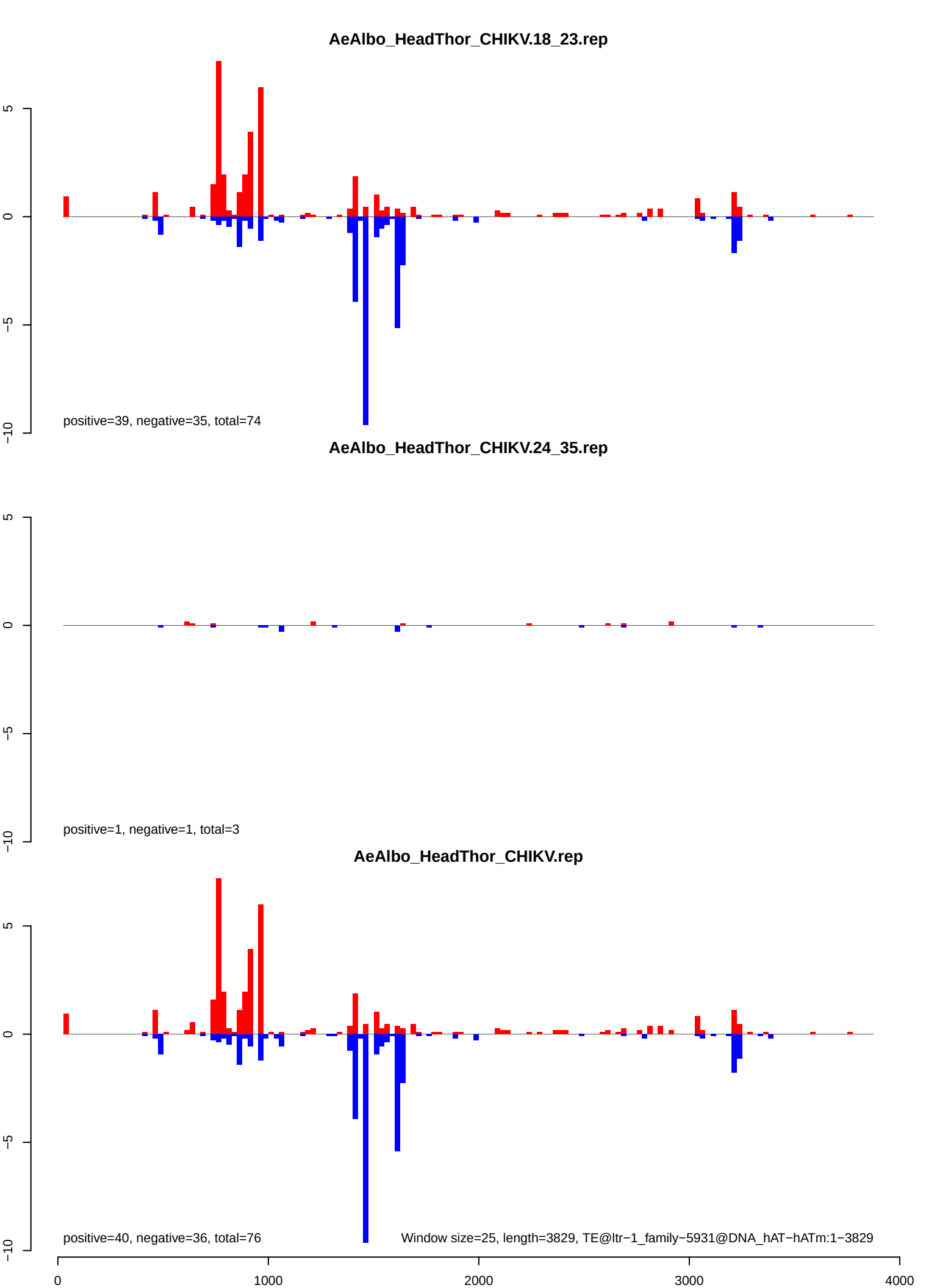

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=119, negative=104, total=223
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=119, negative=106, total=225
Window size=25, length=6197, TE@ltr−1_family−3872@LTR_Gypsy:1−6197
40
30
20
10
0
−10
−20
−30
0
1000
2000
3000
4000
5000
6000

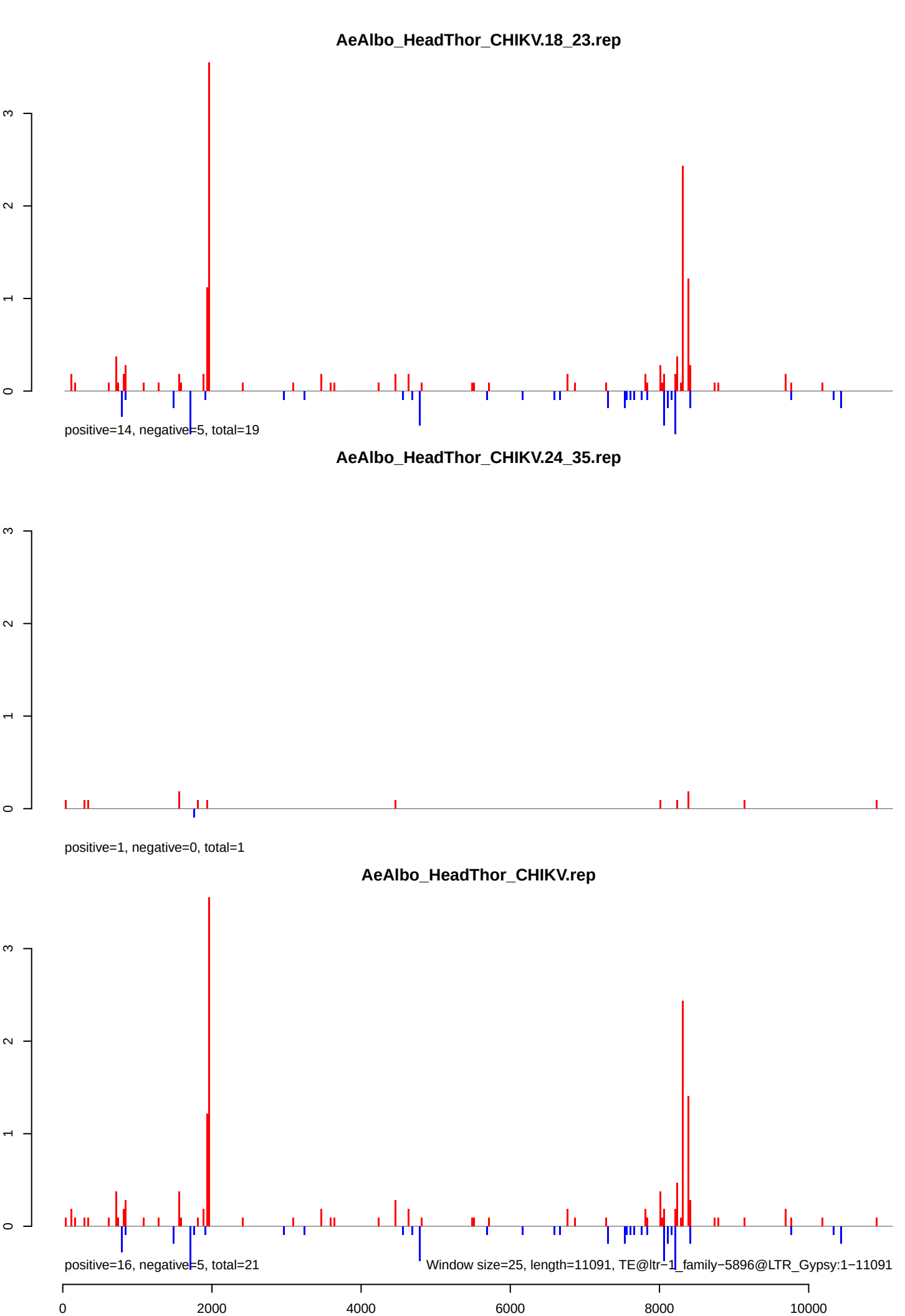

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=24, negative=14, total=38
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=2, negative=2, total=5
AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=27, negative=16, total=43
Window size=25, length=7645, TE@ltr−1_family−3743@LTR_Pao:1−7645
0
2000
4000
6000

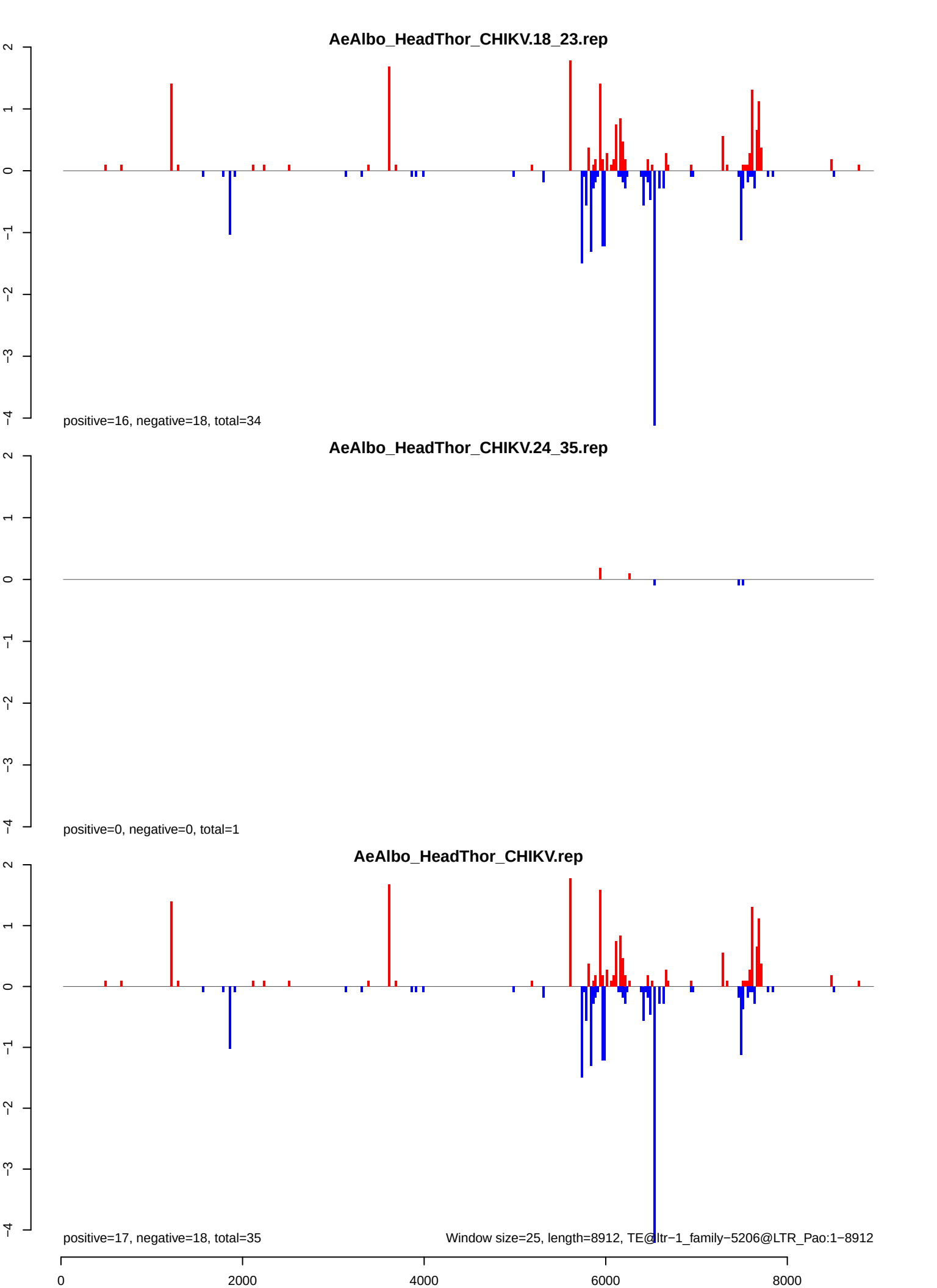

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
positive=45, negative=64, total=109

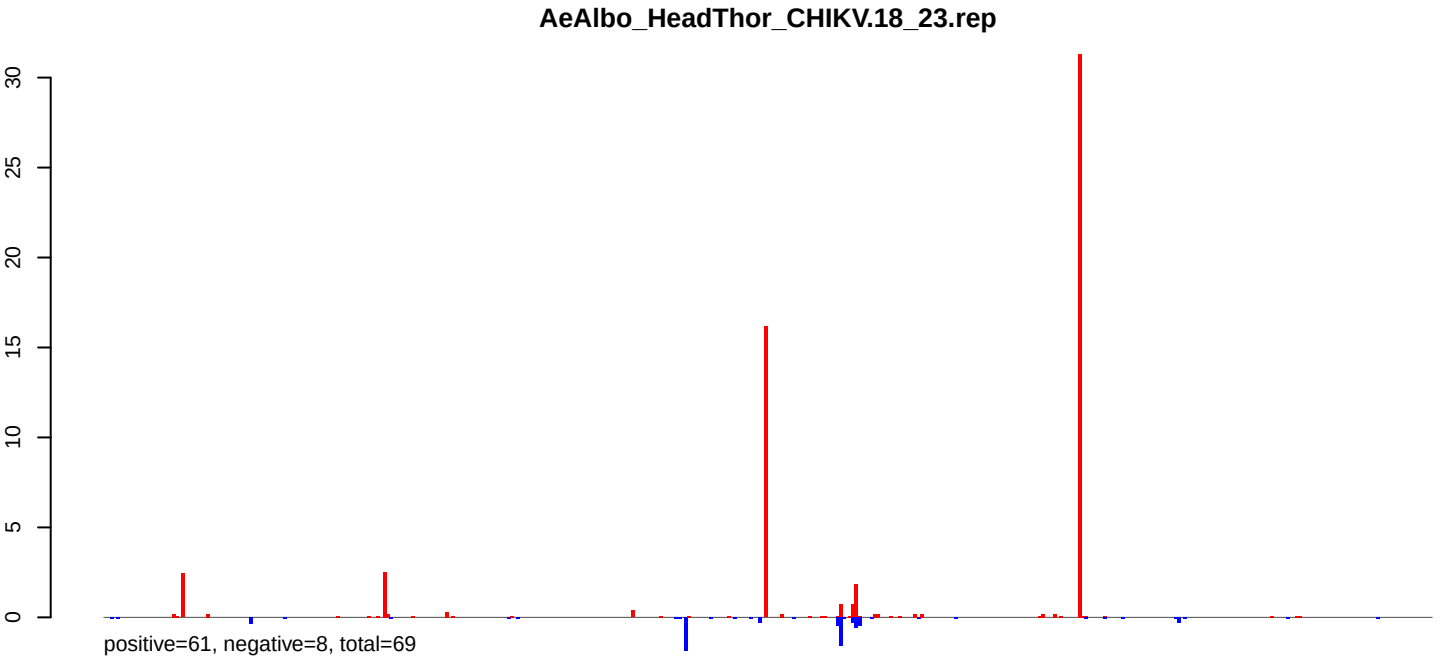

AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
positive=2, negative=4, total=5

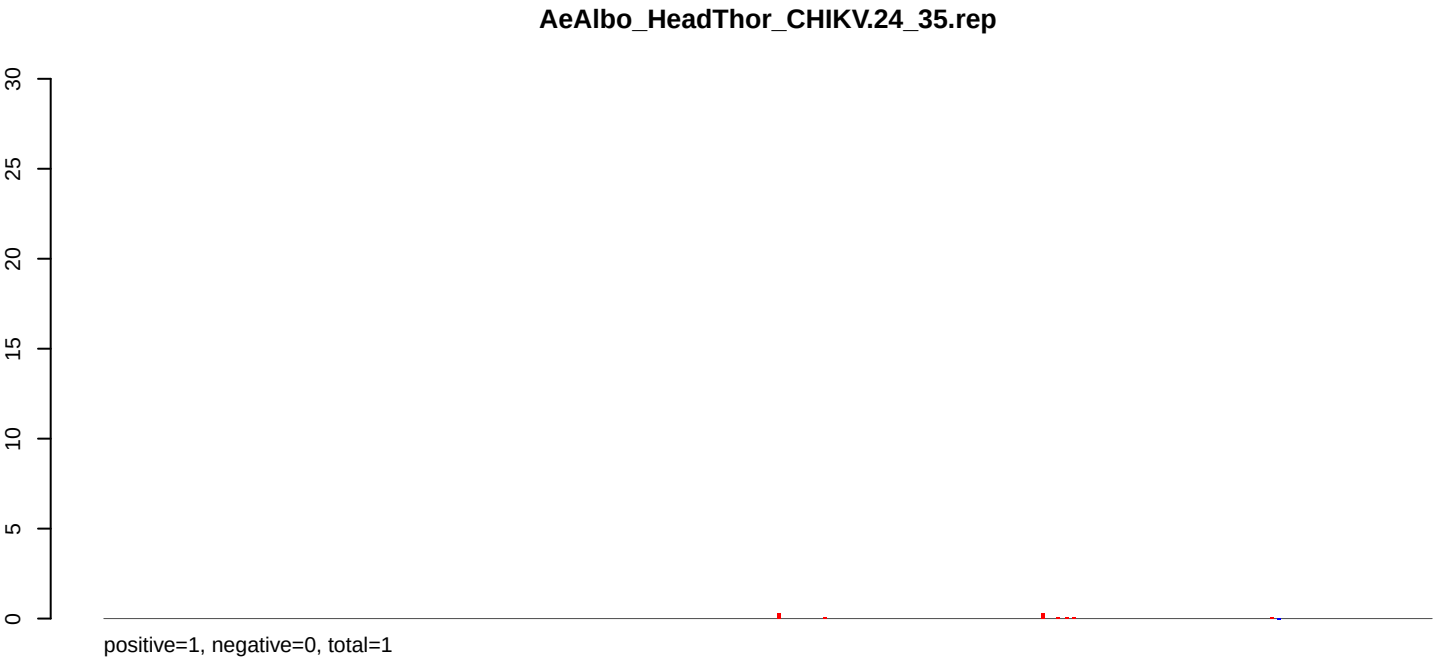

AeAlbo_HeadThor_CHIKV.rep
5
0
−5
positive=47, negative=67, total=114
Window size=25, length=8805, TE@ltr−1_family−6017@LTR_Pao:1−8805
0
2000
4000
6000
8000

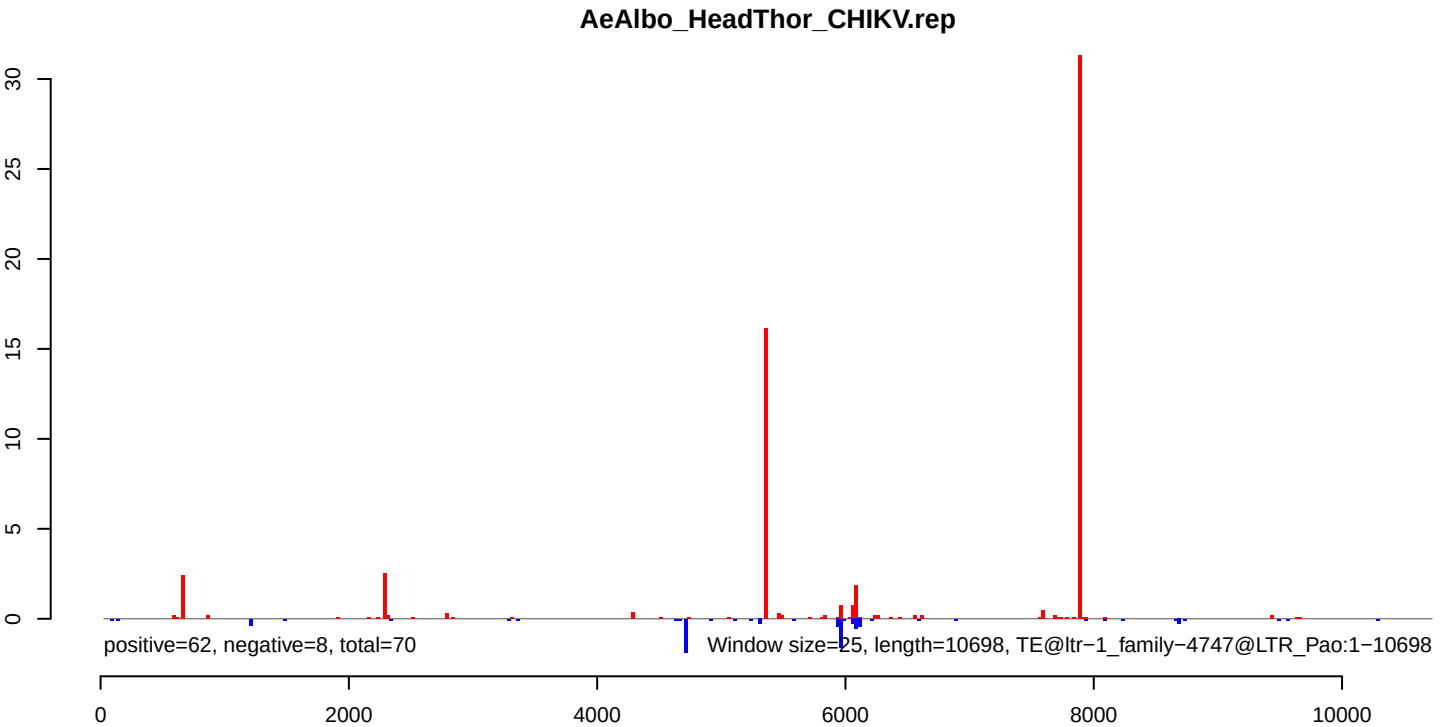

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=39, negative=35, total=74
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=40, negative=36, total=76
Window size=25, length=3829, TE@ltr−1_family−5931@DNA_hAT−hATm:1−3829
5
0
−5
−10
0
1000
2000
3000
4000

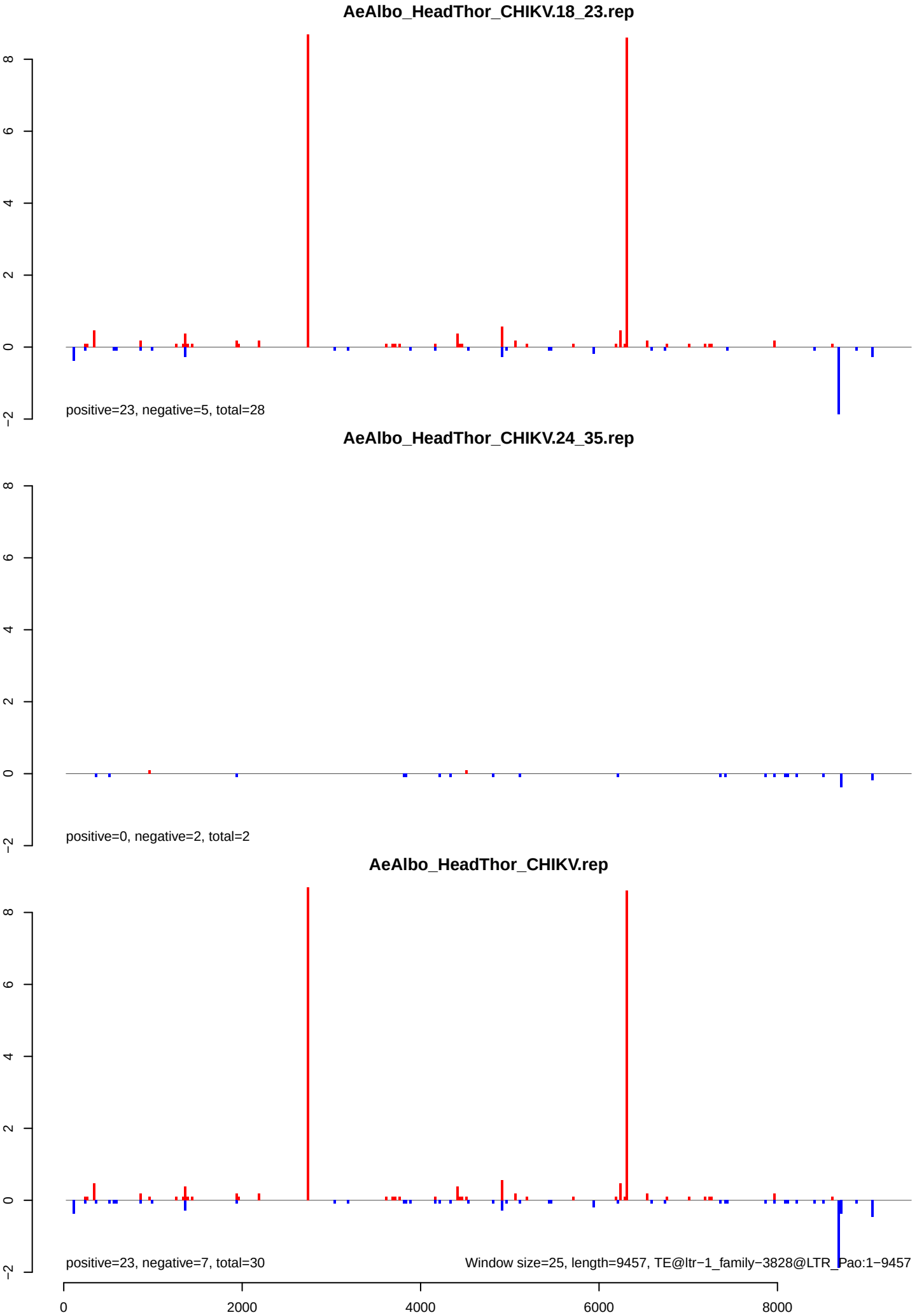

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=5, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=5, total=21
Window size=25, length=11091, TE@ltr−1_family−5896@LTR_Gypsy:1−11091
0
2000
4000
6000
8000
10000

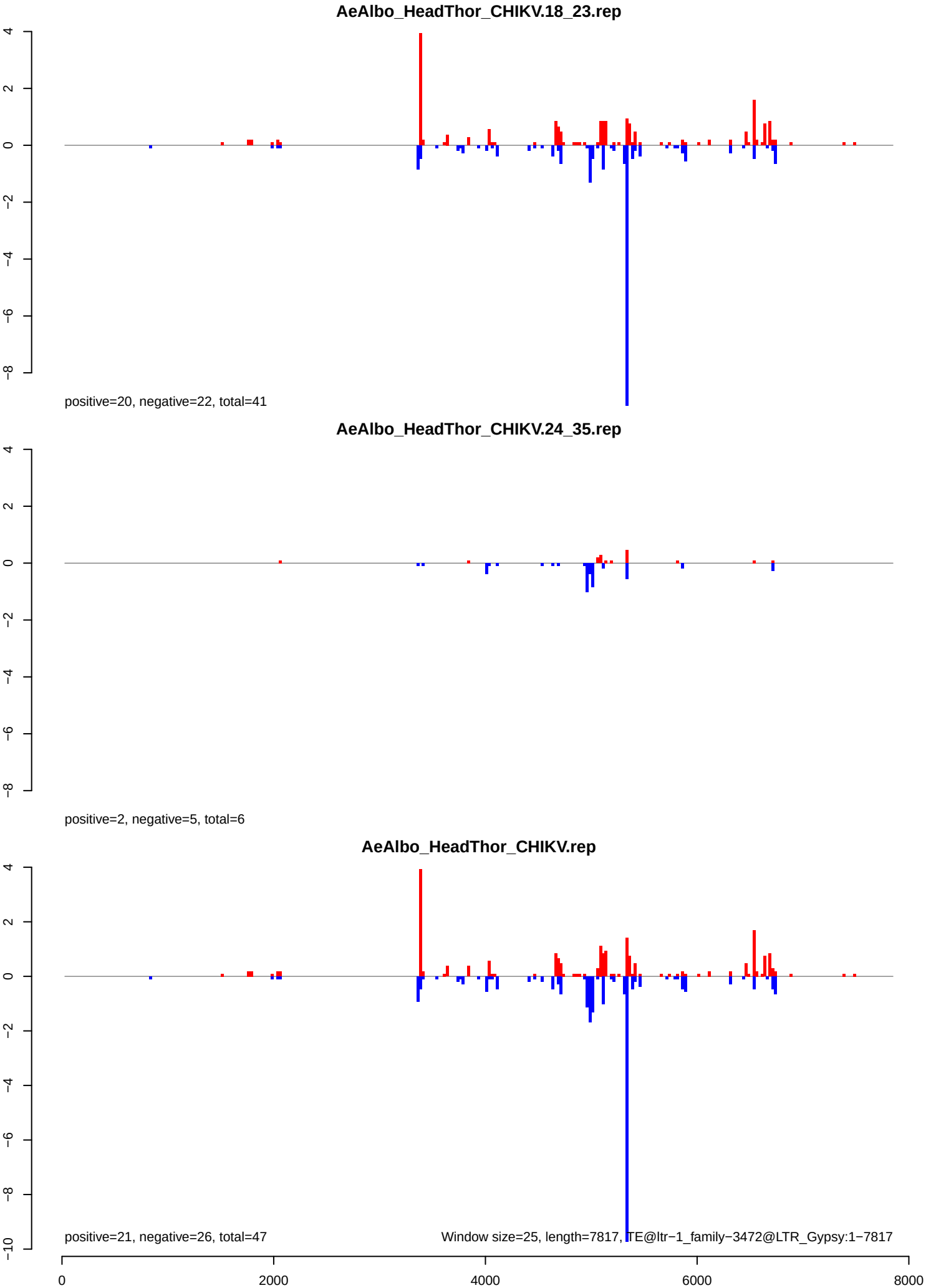

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=18, total=34
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=17, negative=18, total=35
Window size=25, length=8912, TE@ltr−1_family−5206@LTR_Pao:1−8912
2
1
0
−1
−2
−3
−4
0
2000
4000
6000
8000

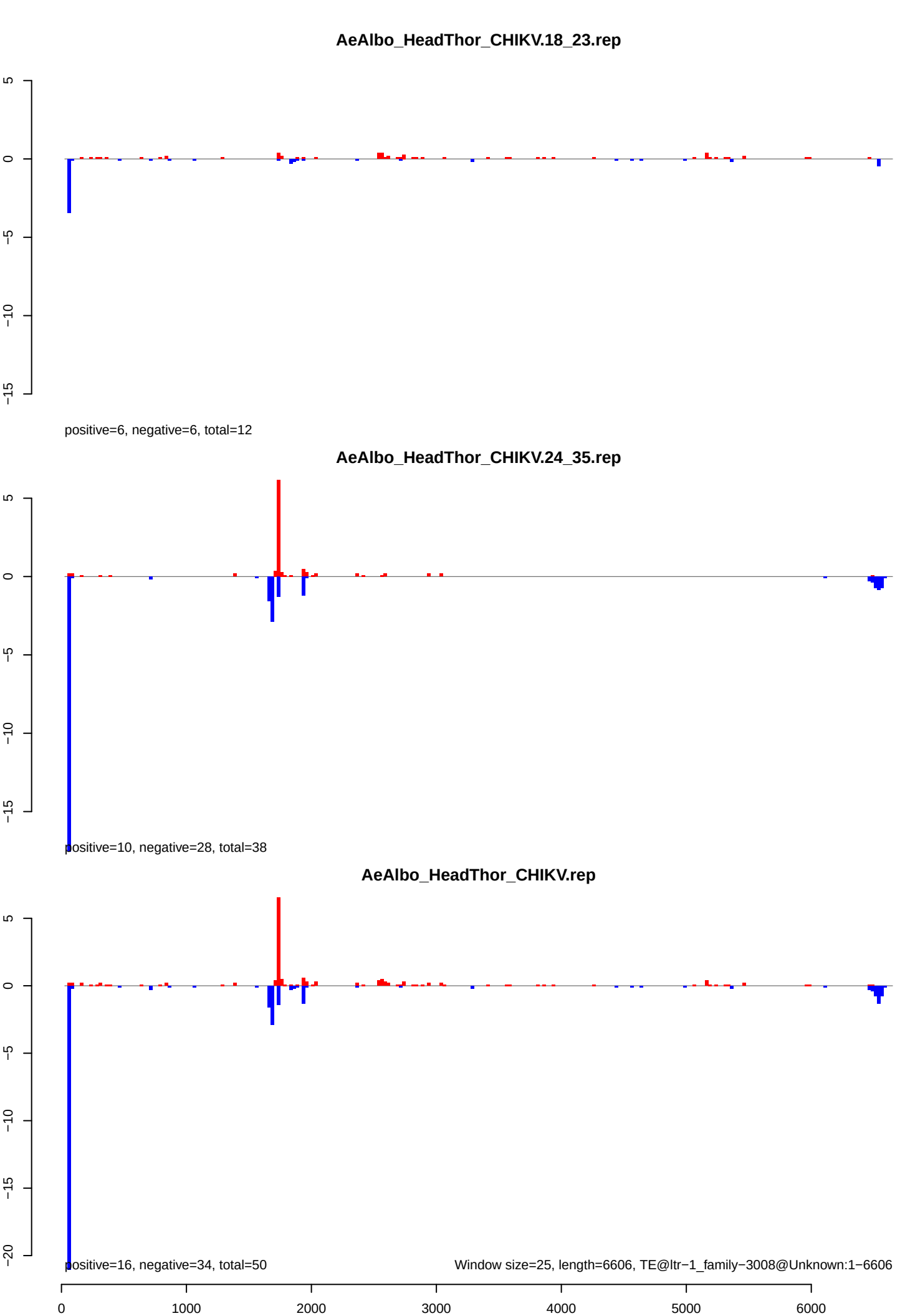

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
25
30
positive=61, negative=8, total=69

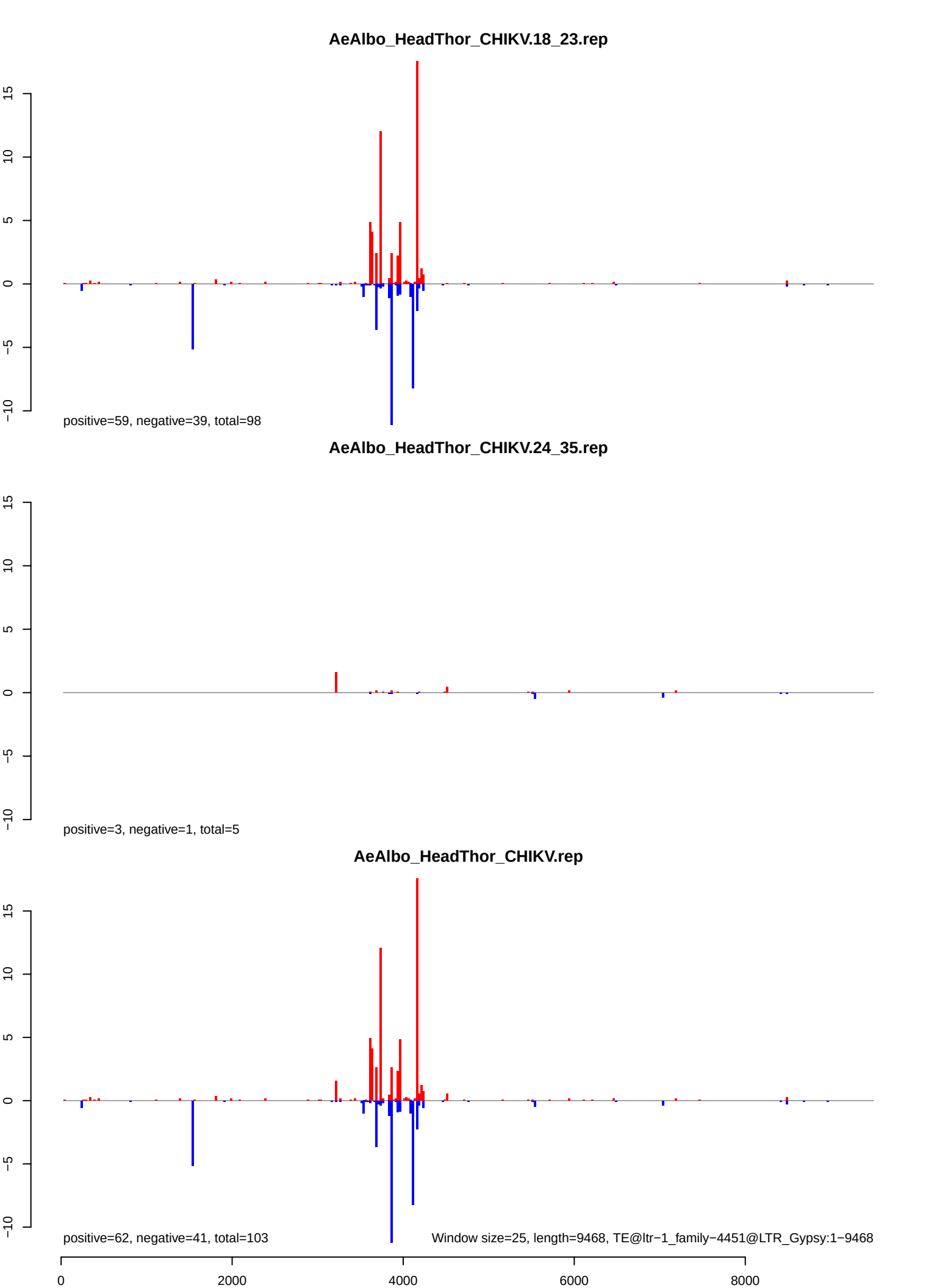

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
25
30
positive=1, negative=0, total=1

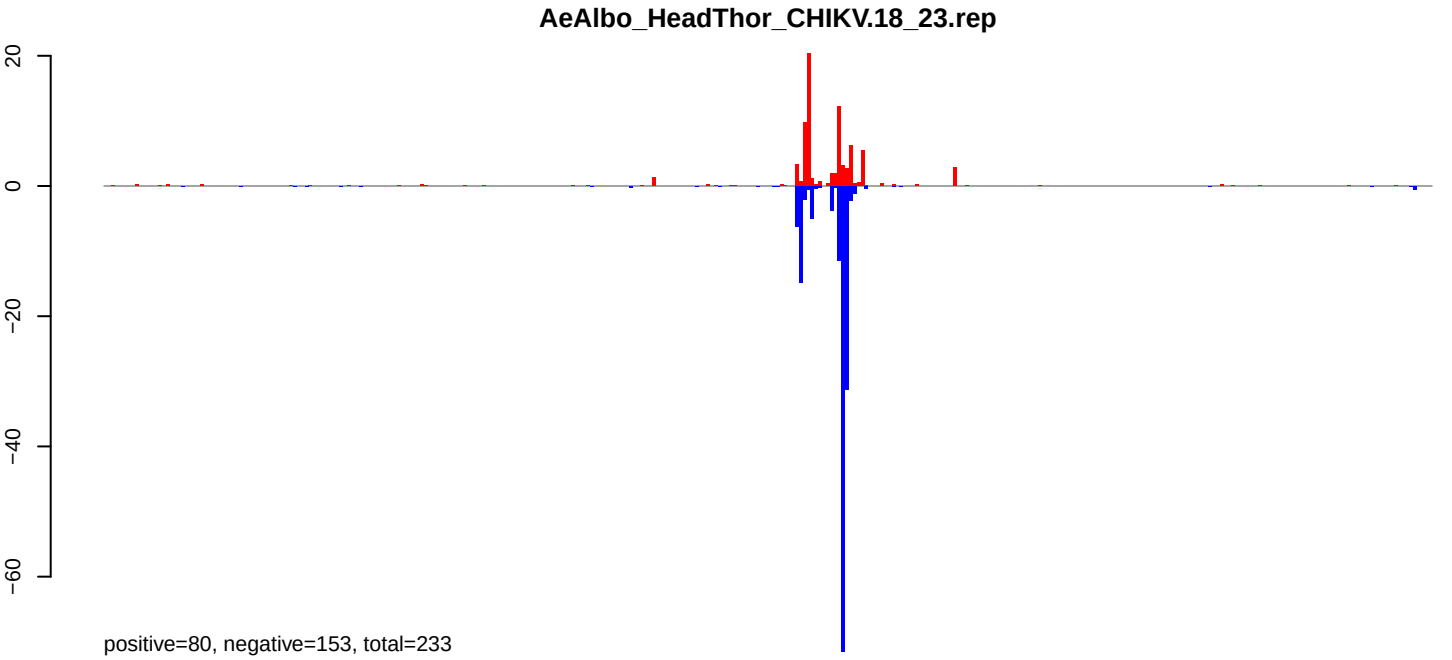

AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
25
30
positive=62, negative=8, total=70
Window size=25, length=10698, TE@ltr−1_family−4747@LTR_Pao:1−10698
0
2000
4000
6000
8000
10000

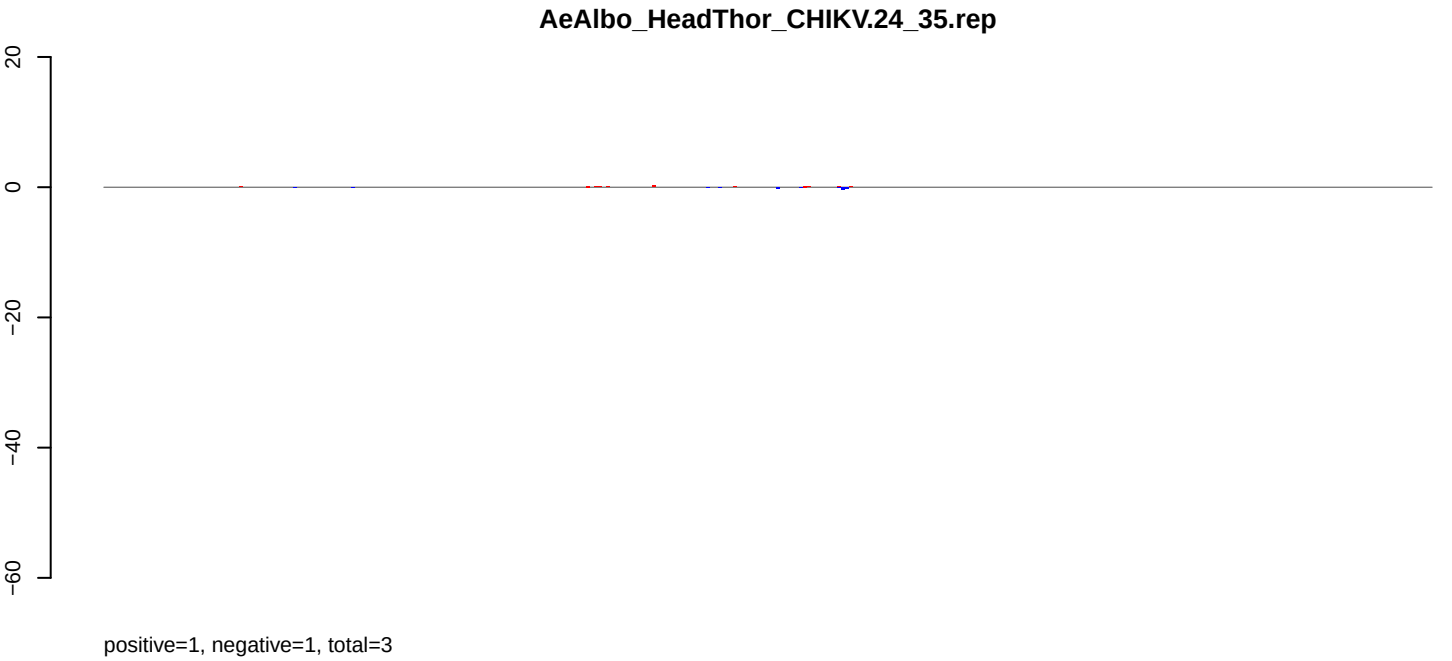

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=23, negative=5, total=28
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=23, negative=7, total=30
Window size=25, length=9457, TE@ltr−1_family−3828@LTR_Pao:1−9457
8
6
4
2
0
−2
0
2000
4000
6000
8000

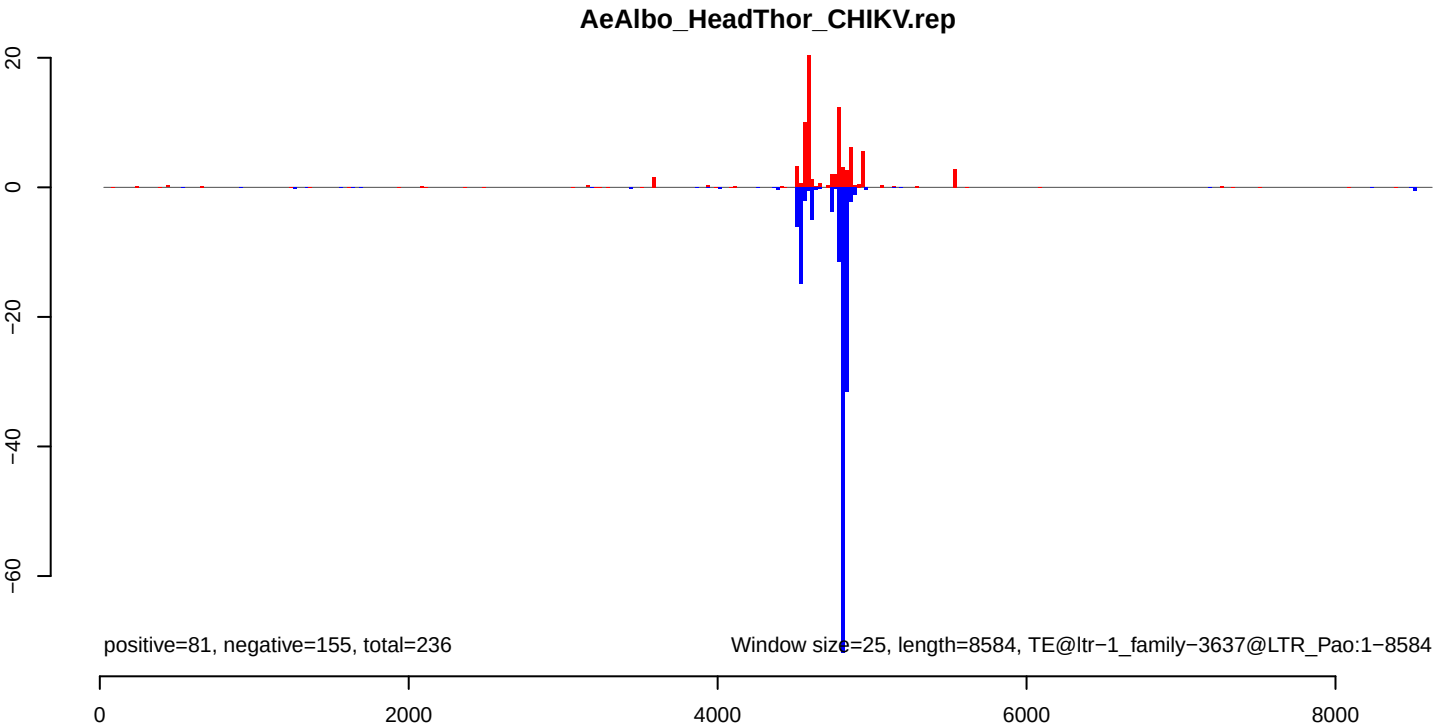

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=20, negative=22, total=41
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=5, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=21, negative=26, total=47
Window size=25, length=7817, TE@ltr−1_family−3472@LTR_Gypsy:1−7817
0
2000
4000
6000
8000

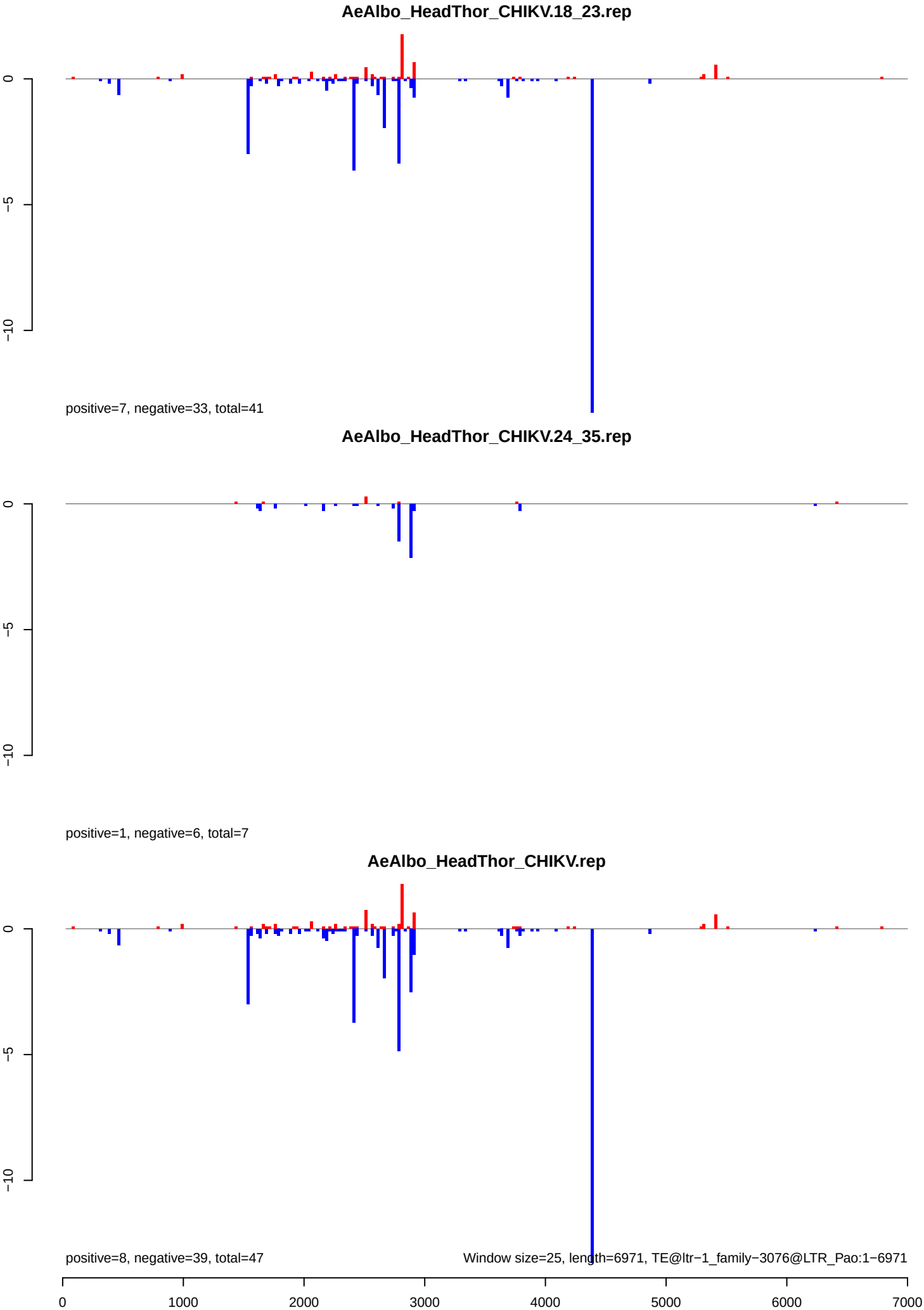

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=6, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=10, negative=28, total=38
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=34, total=50
Window size=25, length=6606, TE@ltr−1_family−3008@Unknown:1−6606
0
1000
2000
3000
4000
5000
6000

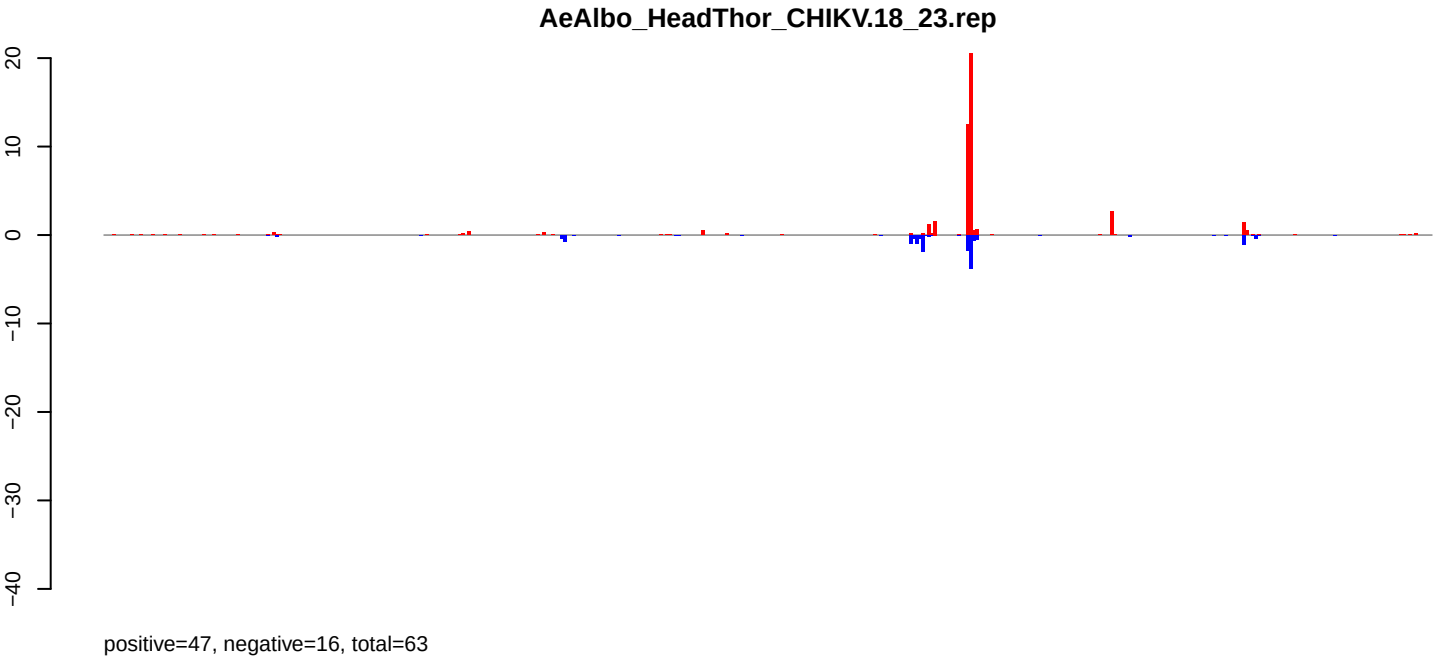

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
−10
positive=59, negative=39, total=98
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
−10
positive=3, negative=1, total=5
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
−10
positive=62, negative=41, total=103
Window size=25, length=9468, TE@ltr−1_family−4451@LTR_Gypsy:1−9468
0
2000
4000
6000
8000

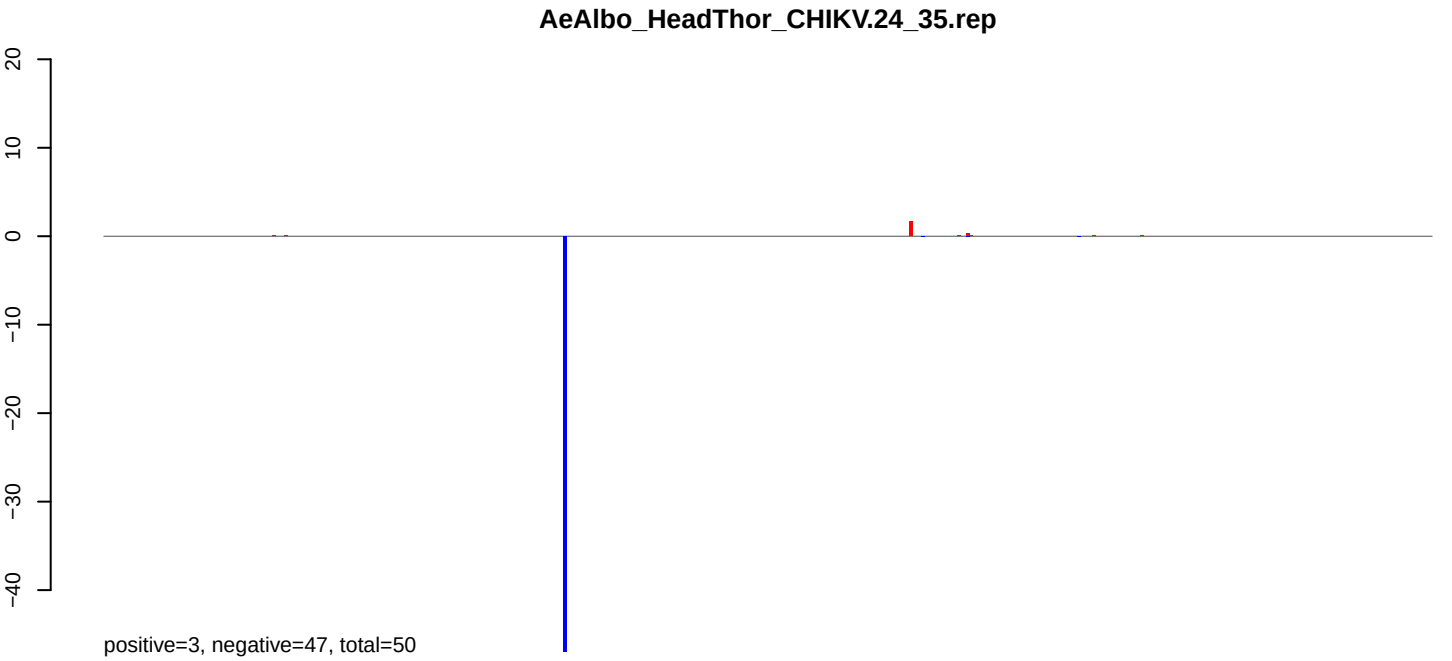

AeAlbo_HeadThor_CHIKV.18_23.rep
20
0
−20
−40
−60
positive=80, negative=153, total=233

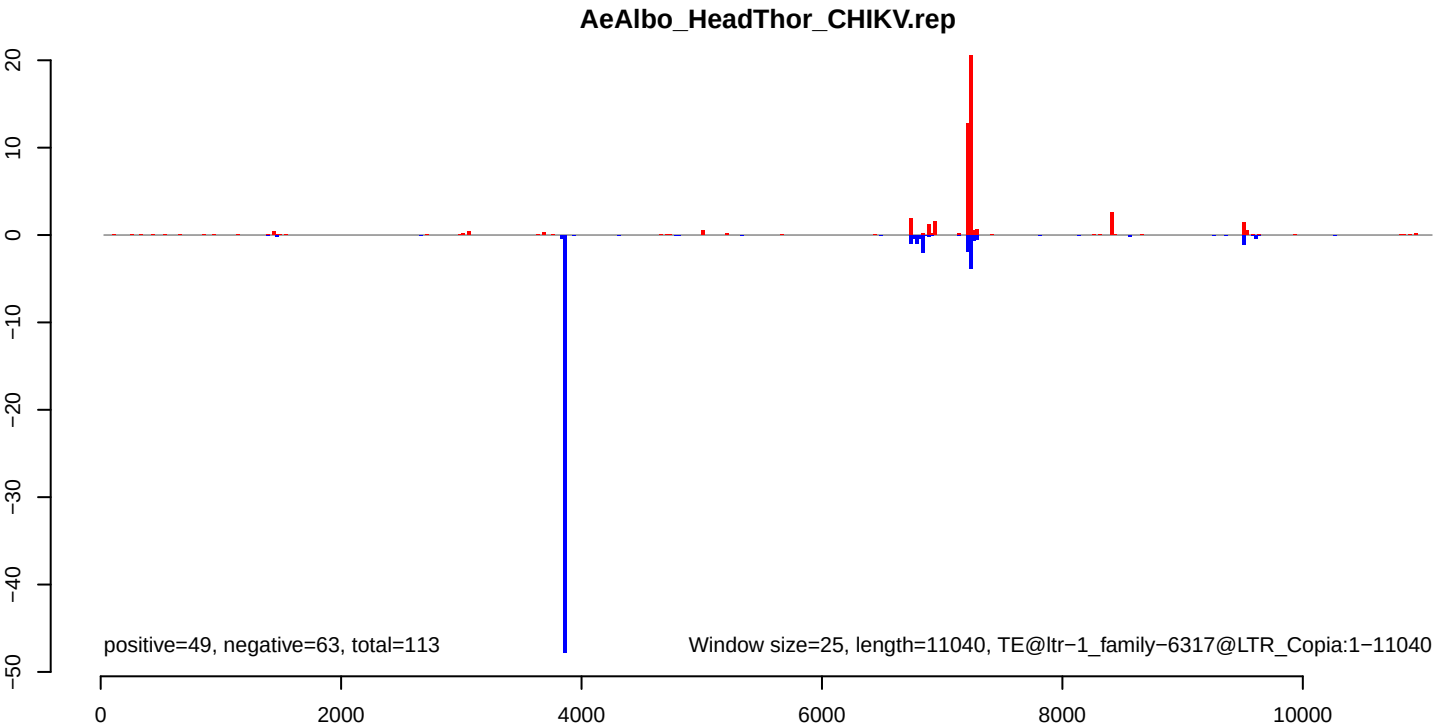

AeAlbo_HeadThor_CHIKV.24_35.rep
20
0
−20
−40
−60
positive=1, negative=1, total=3

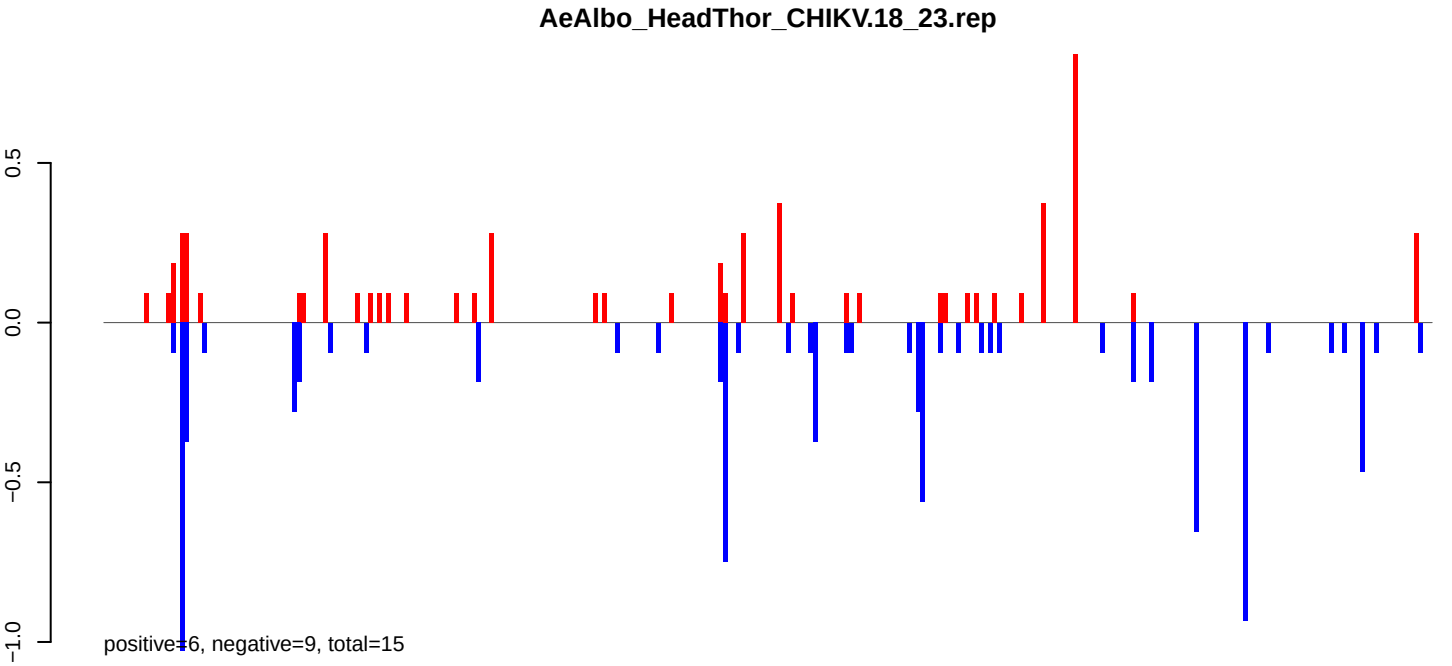

AeAlbo_HeadThor_CHIKV.rep
20
0
−20
−40
−60
positive=81, negative=155, total=236
Window size=25, length=8584, TE@ltr−1_family−3637@LTR_Pao:1−8584
0
2000
4000
6000
8000

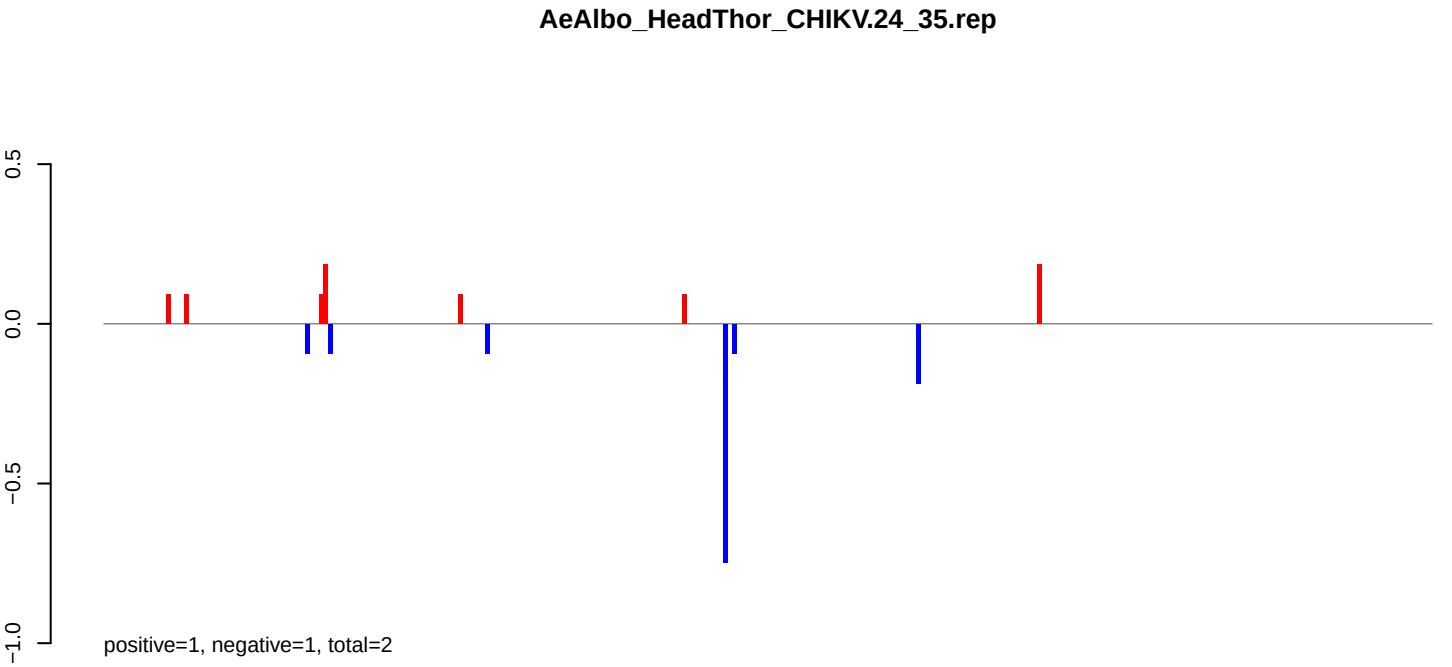

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=7, negative=33, total=41
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
positive=8, negative=39, total=47
Window size=25, length=6971, TE@ltr−1_family−3076@LTR_Pao:1−6971
0
1000
2000
3000
4000
5000
6000
7000

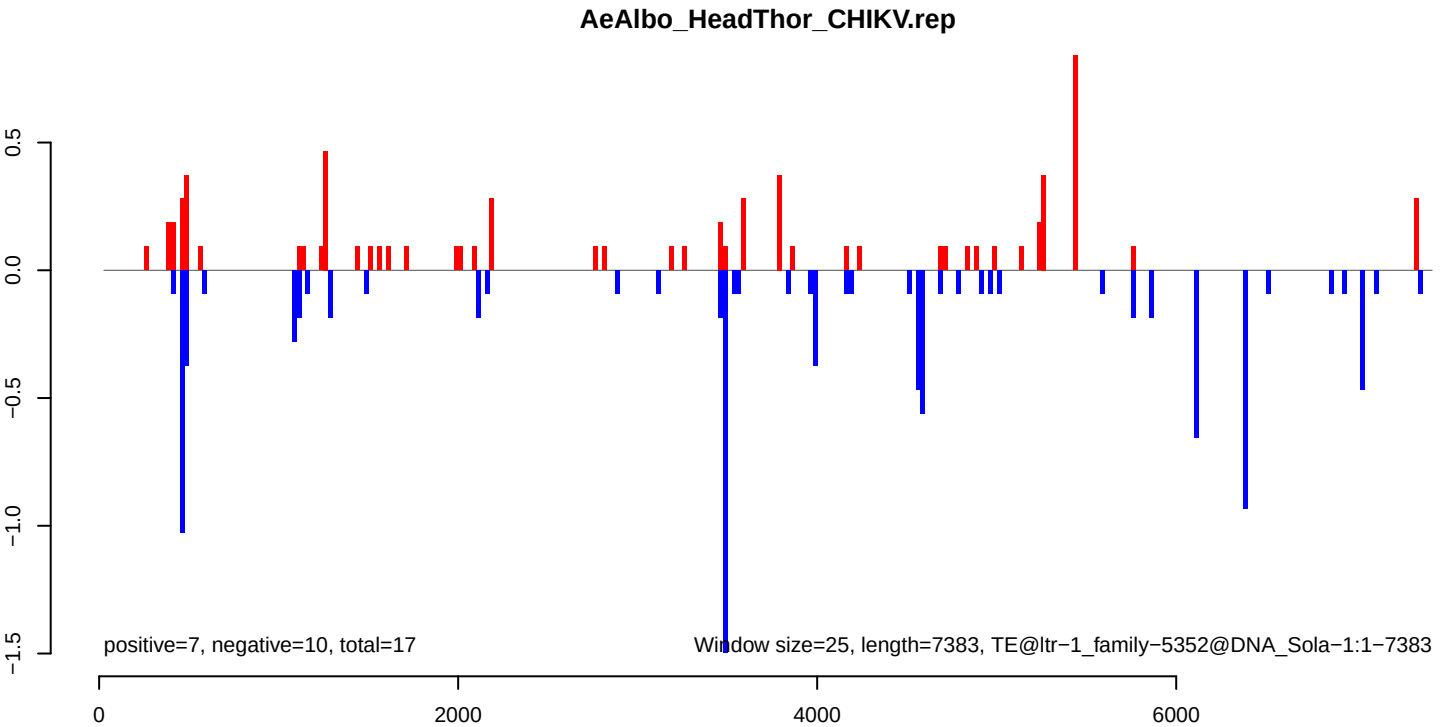

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
−30
−40
positive=47, negative=16, total=63

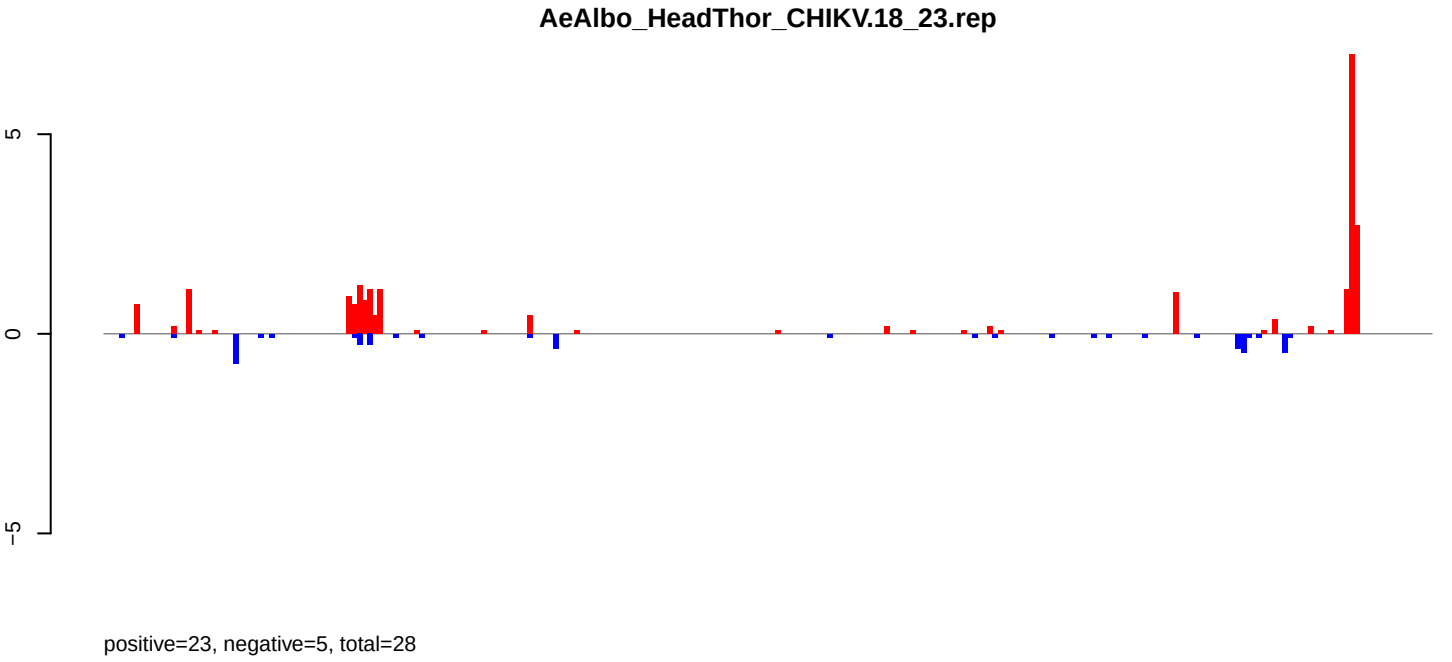

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
−30
−40
positive=3, negative=47, total=50

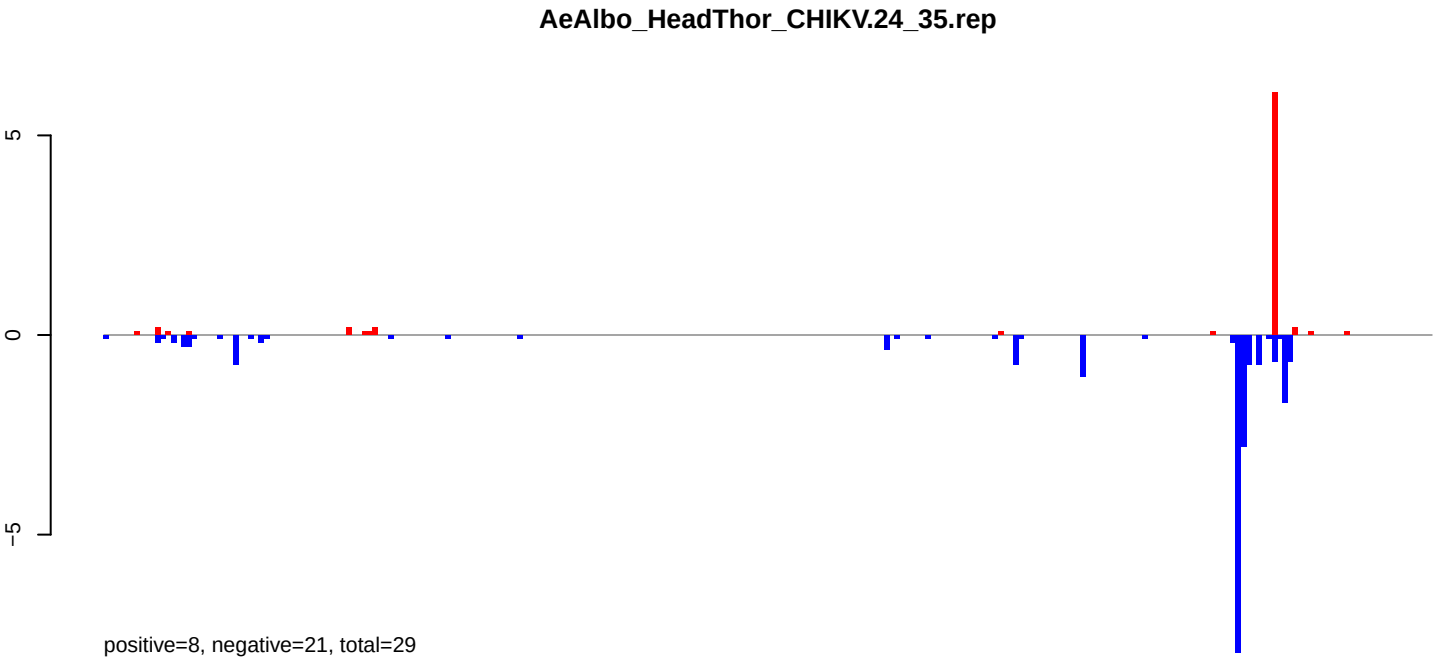

AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
−30
−40
−50
positive=49, negative=63, total=113
Window size=25, length=11040, TE@ltr−1_family−6317@LTR_Copia:1−11040
0
2000
4000
6000
8000
10000

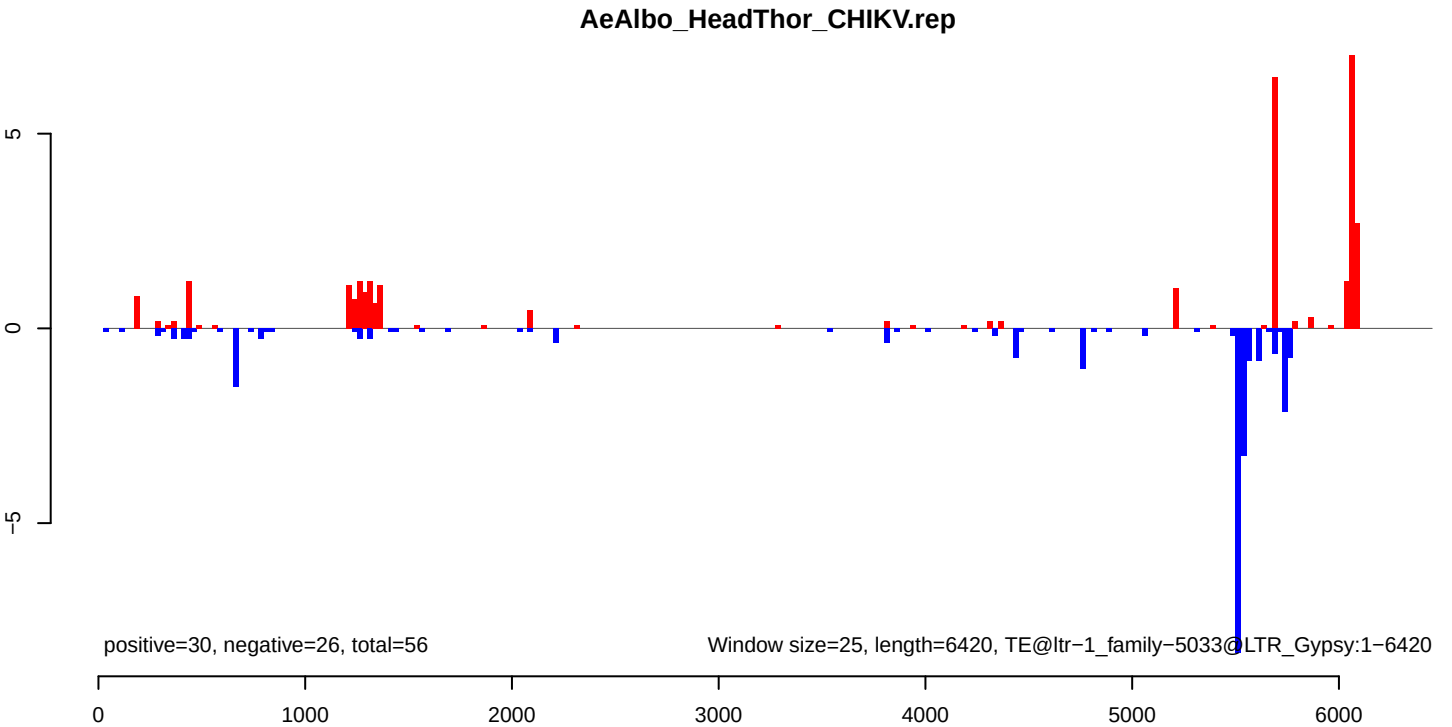

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=6, negative=9, total=15

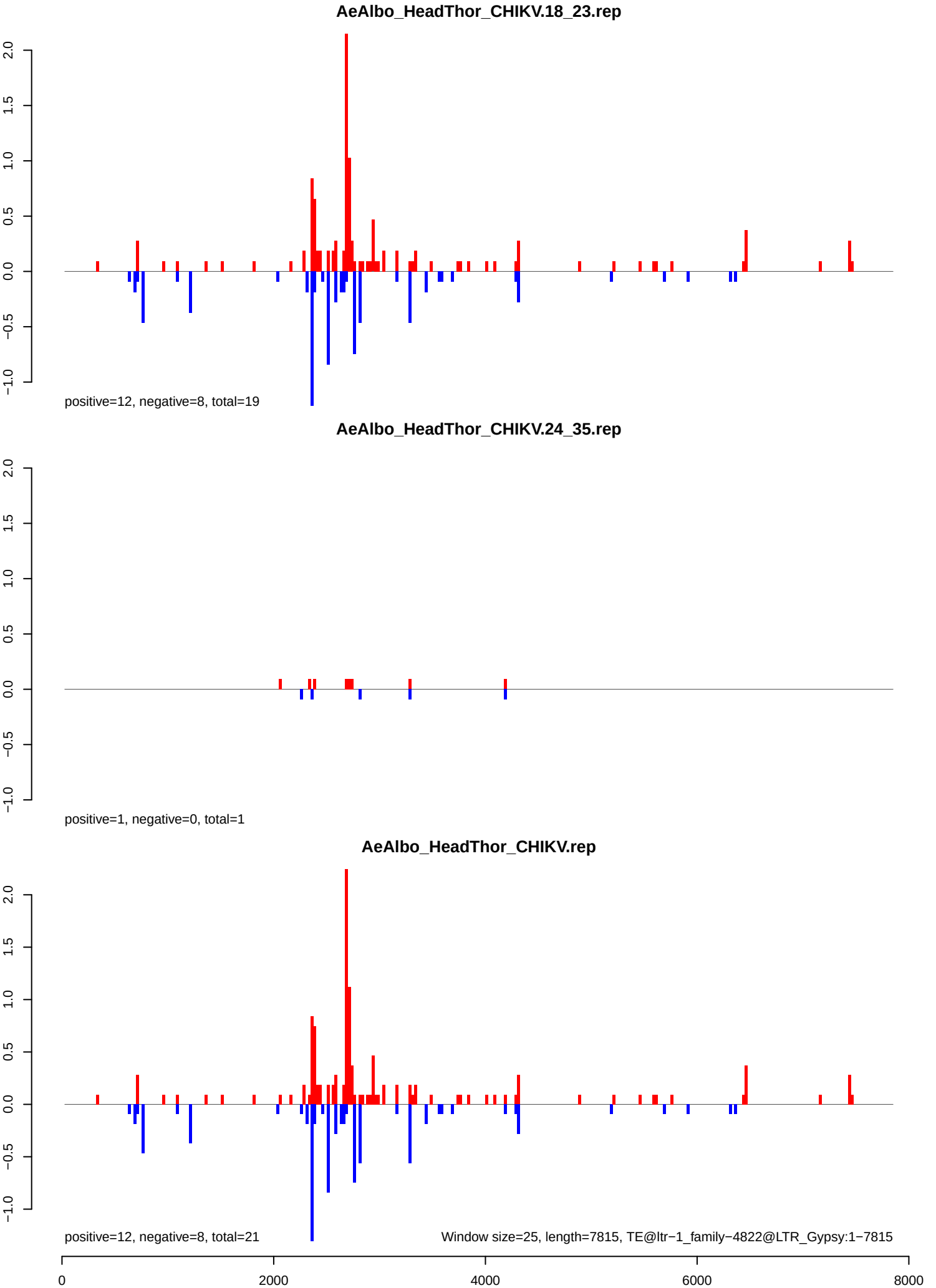

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=1, total=2

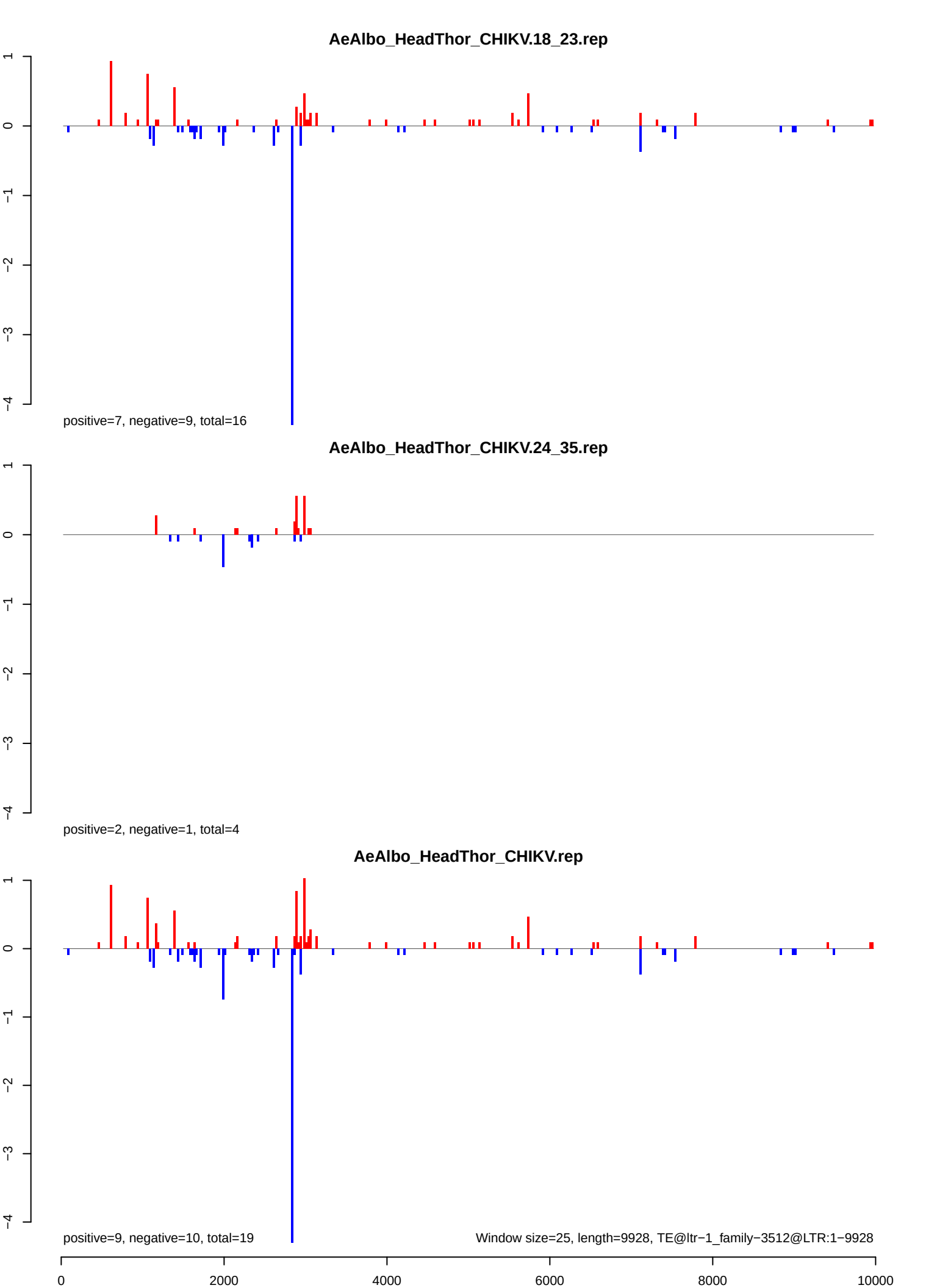

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=7, negative=10, total=17
Window size=25, length=7383, TE@ltr−1_family−5352@DNA_Sola−1:1−7383
0
2000
4000
6000

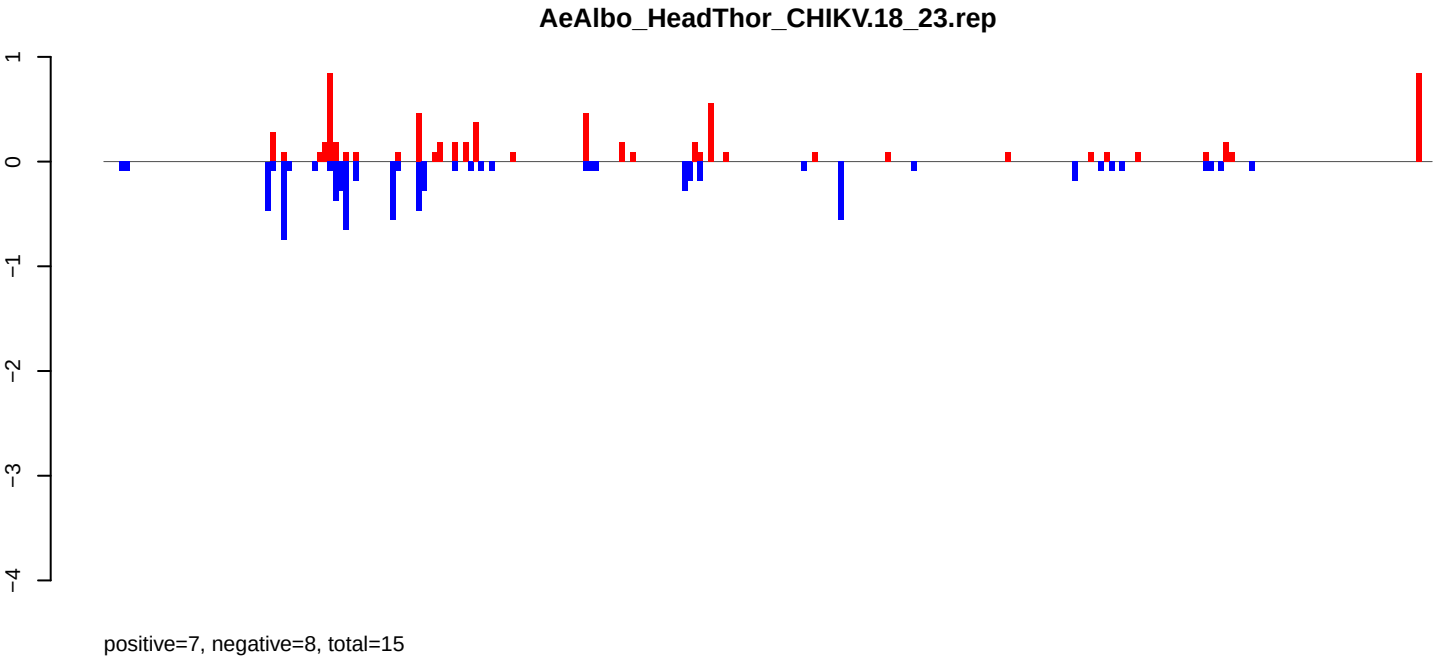

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
positive=23, negative=5, total=28

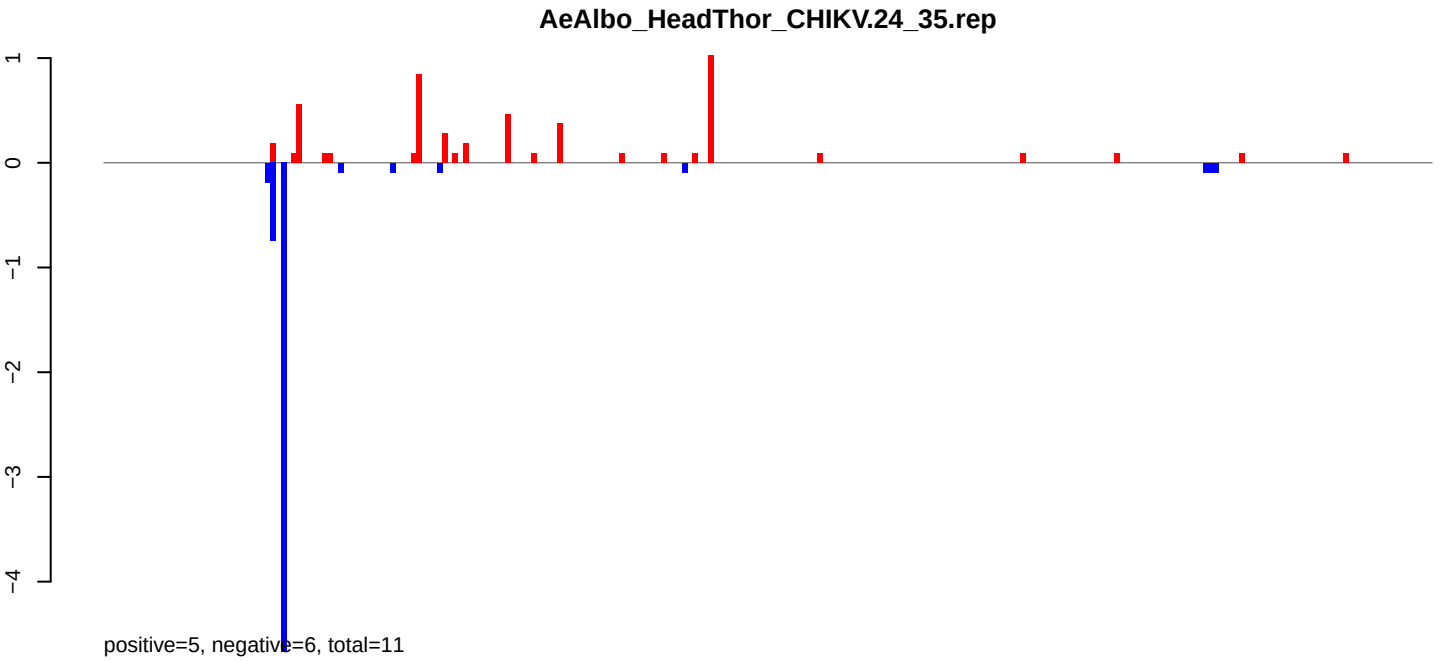

AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
positive=8, negative=21, total=29

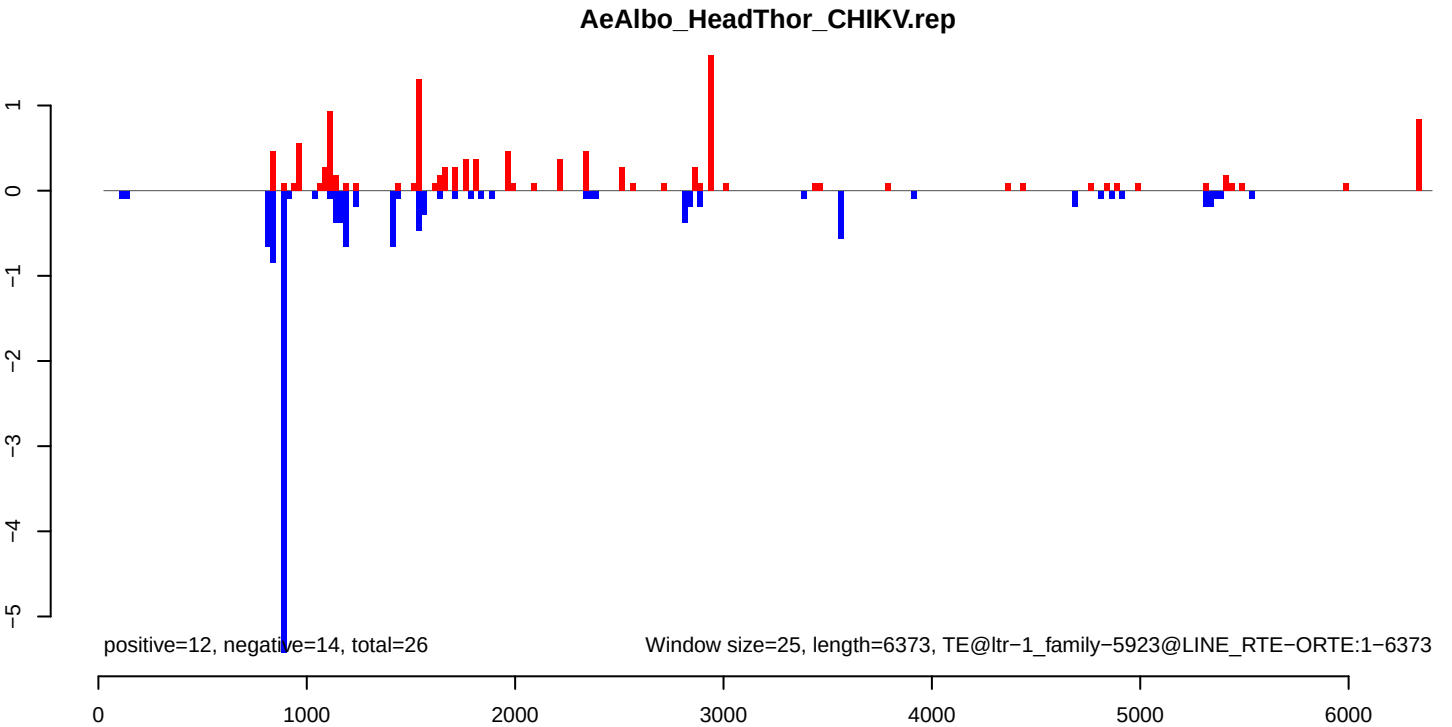

AeAlbo_HeadThor_CHIKV.rep
5
0
−5
positive=30, negative=26, total=56
Window size=25, length=6420, TE@ltr−1_family−5033@LTR_Gypsy:1−6420
0
1000
2000
3000
4000
5000
6000

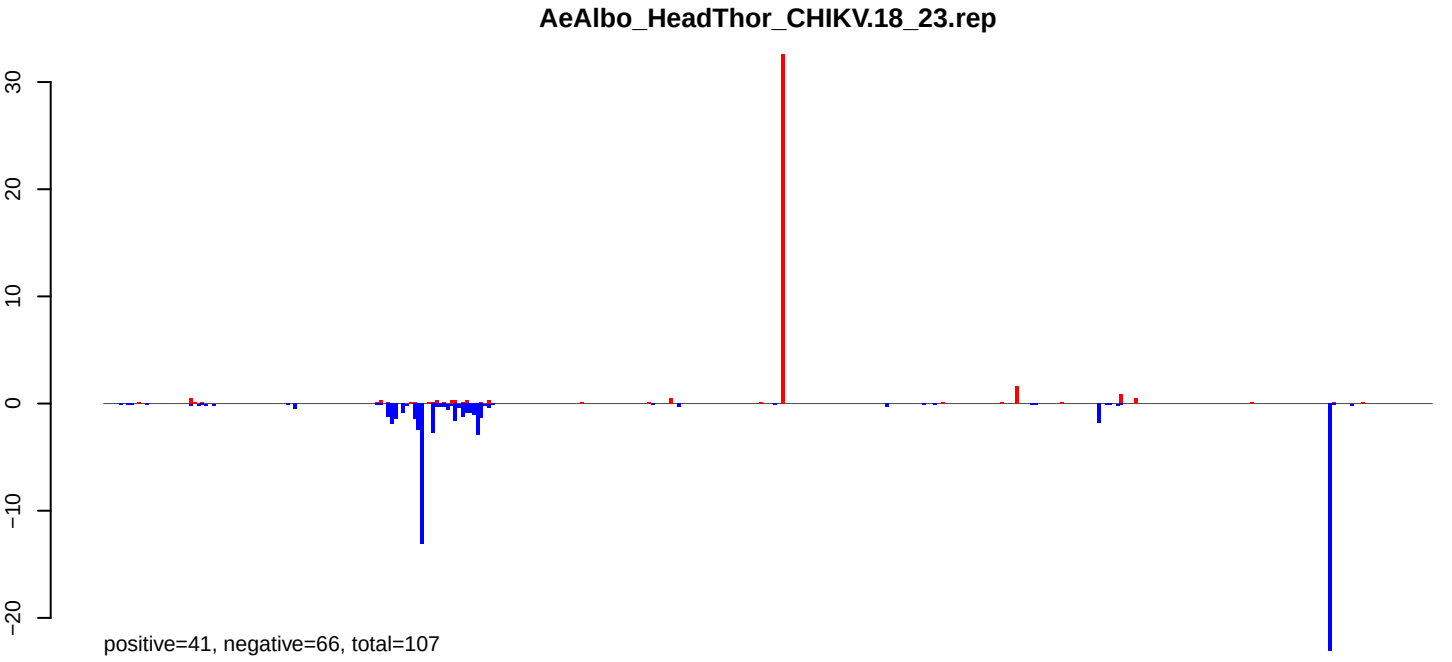

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=12, negative=8, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=8, total=21
Window size=25, length=7815, TE@ltr−1_family−4822@LTR_Gypsy:1−7815
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
2000
4000
6000
8000

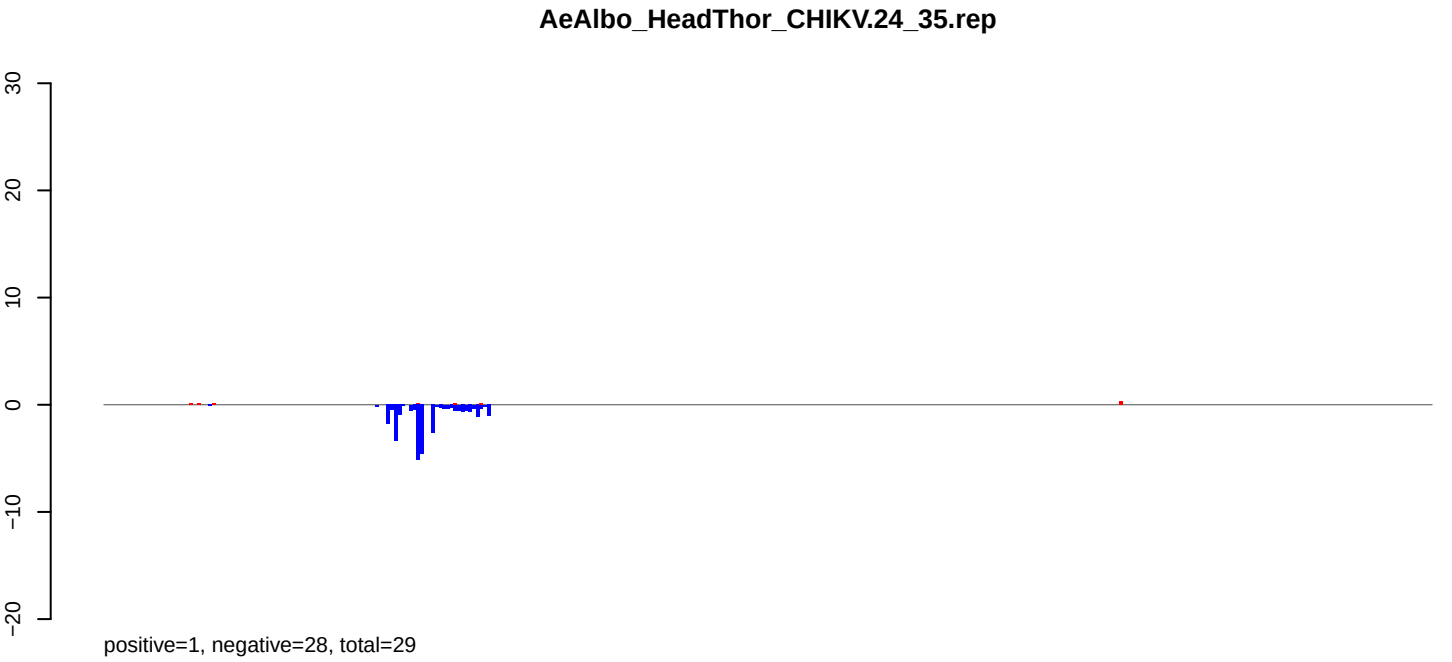

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=9, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=1, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=10, total=19
Window size=25, length=9928, TE@ltr−1_family−3512@LTR:1−9928
1
0
−1
−2
−3
−4
0
2000
4000
6000
8000
10000

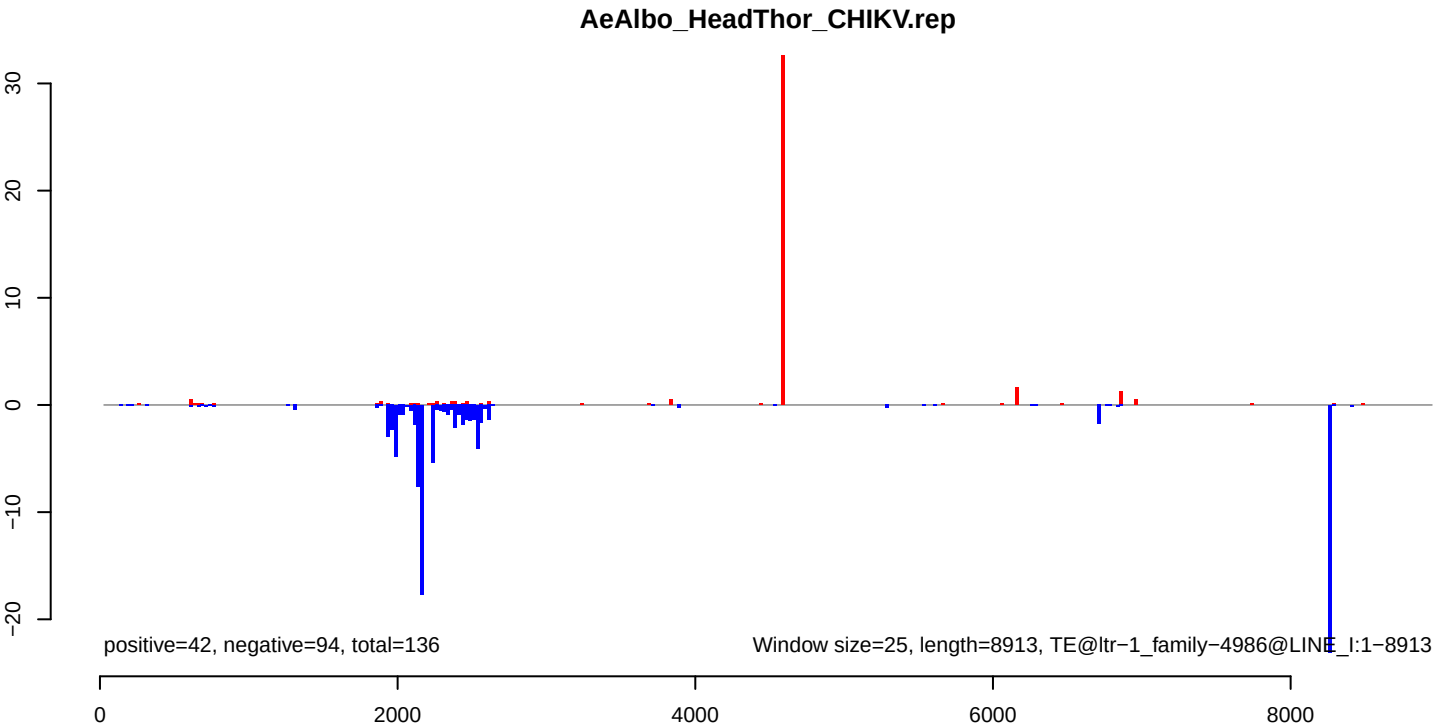

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
−4
positive=7, negative=8, total=15

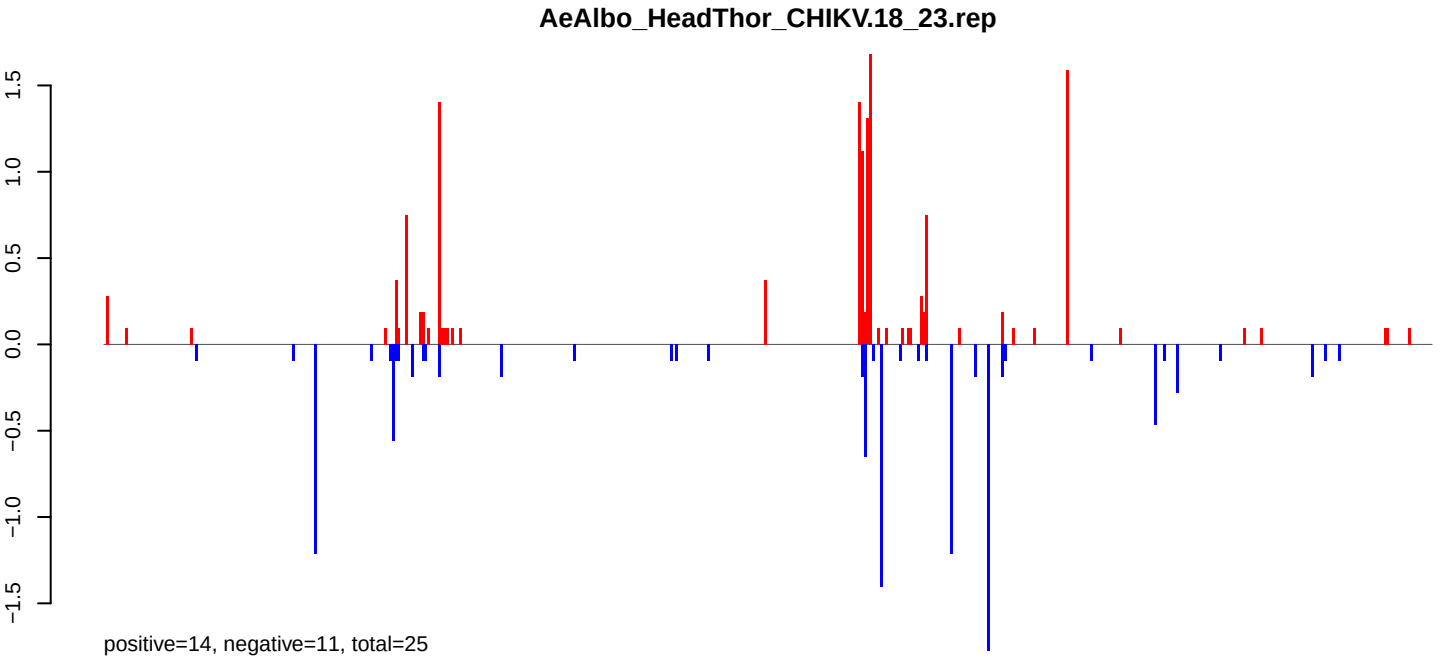

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
−4
positive=5, negative=6, total=11

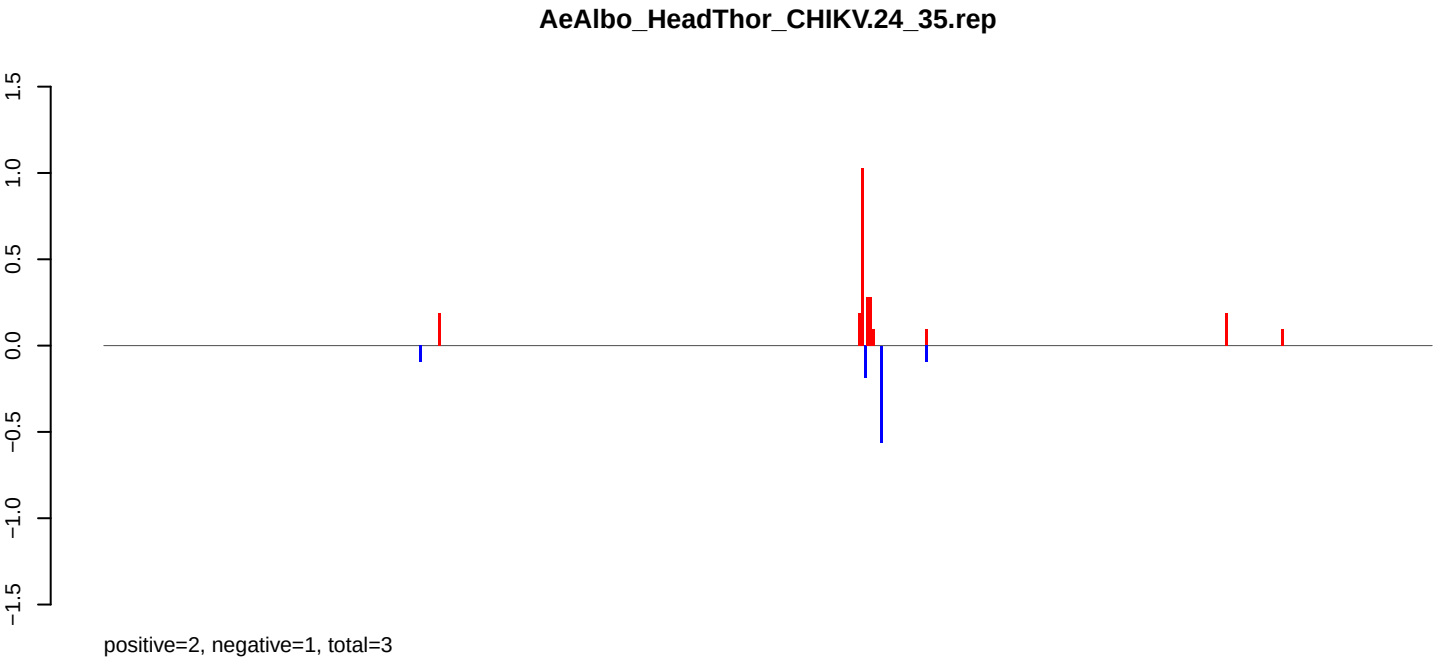

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
−4
−5
positive=12, negative=14, total=26
Window size=25, length=6373, TE@ltr−1_family−5923@LINE_RTE−ORTE:1−6373
0
1000
2000
3000
4000
5000
6000

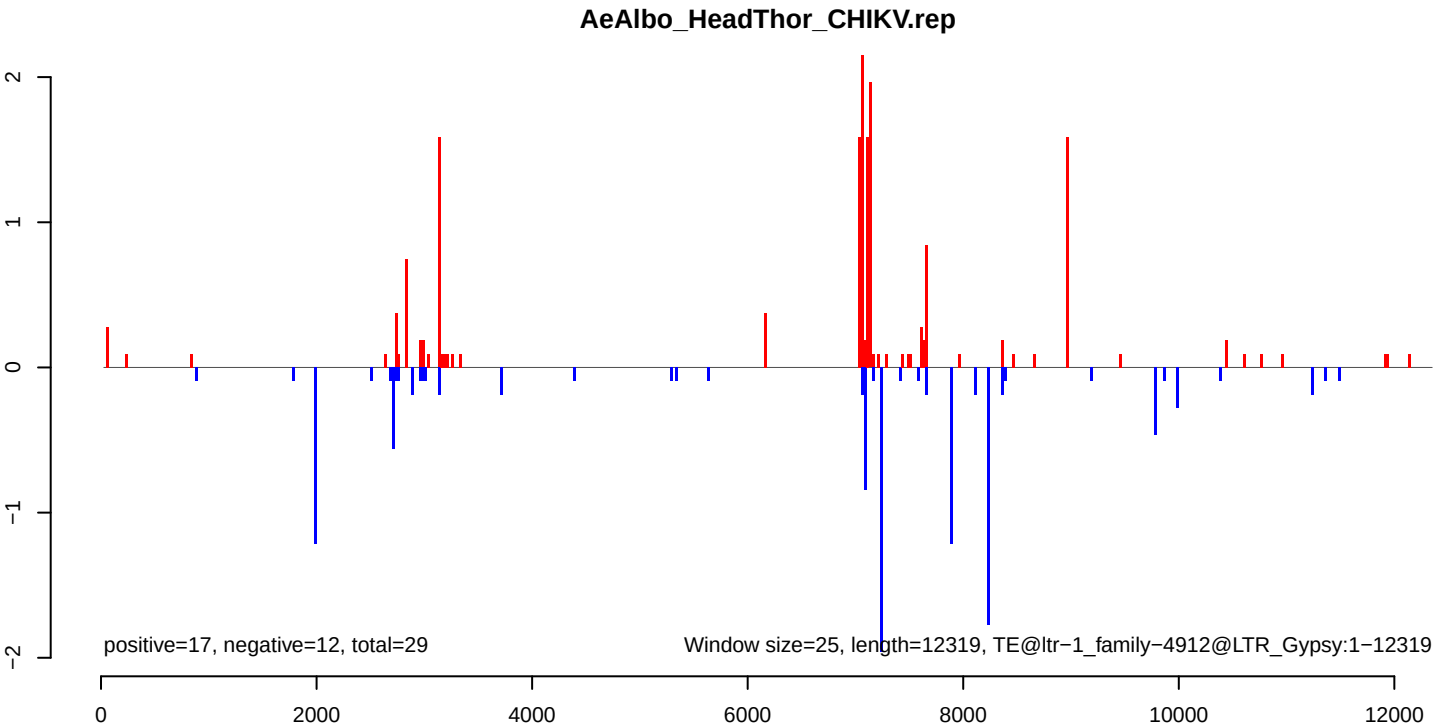

AeAlbo_HeadThor_CHIKV.18_23.rep
30
20
10
0
−10
−20
positive=41, negative=66, total=107

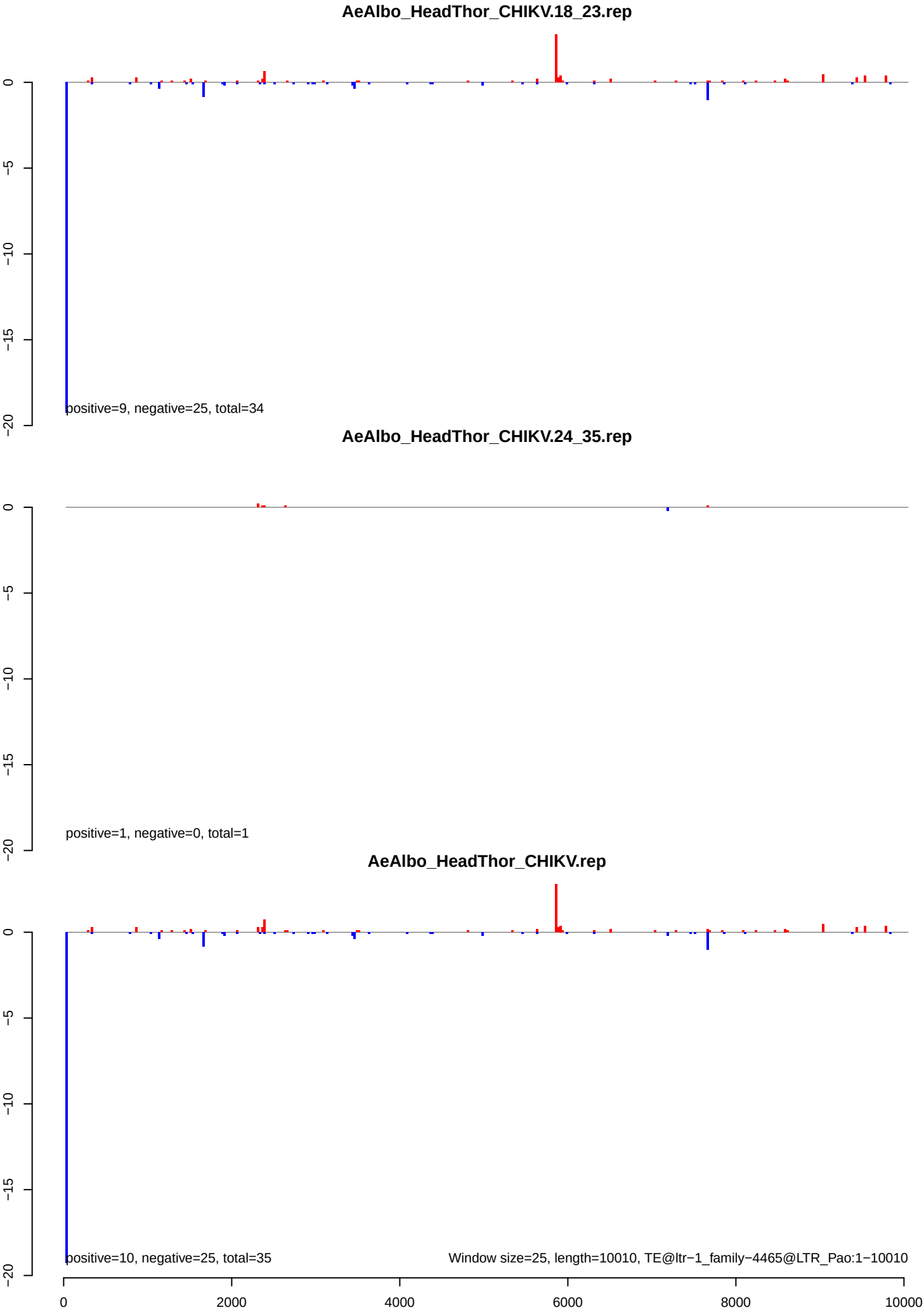

AeAlbo_HeadThor_CHIKV.24_35.rep
30
20
10
0
−10
−20
positive=1, negative=28, total=29

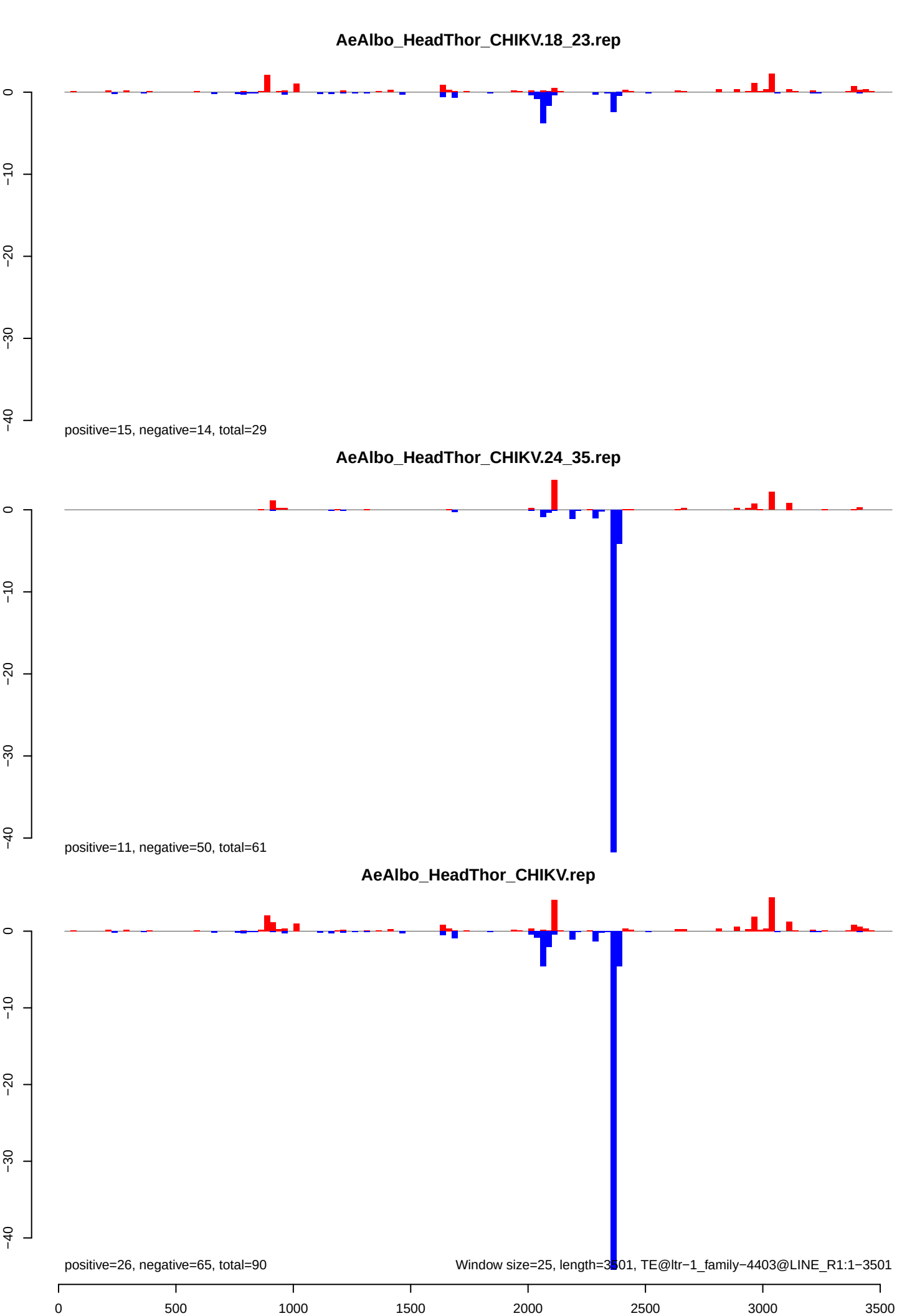

AeAlbo_HeadThor_CHIKV.rep
30
20
10
0
−10
−20
positive=42, negative=94, total=136
Window size=25, length=8913, TE@ltr−1_family−4986@LINE_I:1−8913
0
2000
4000
6000
8000

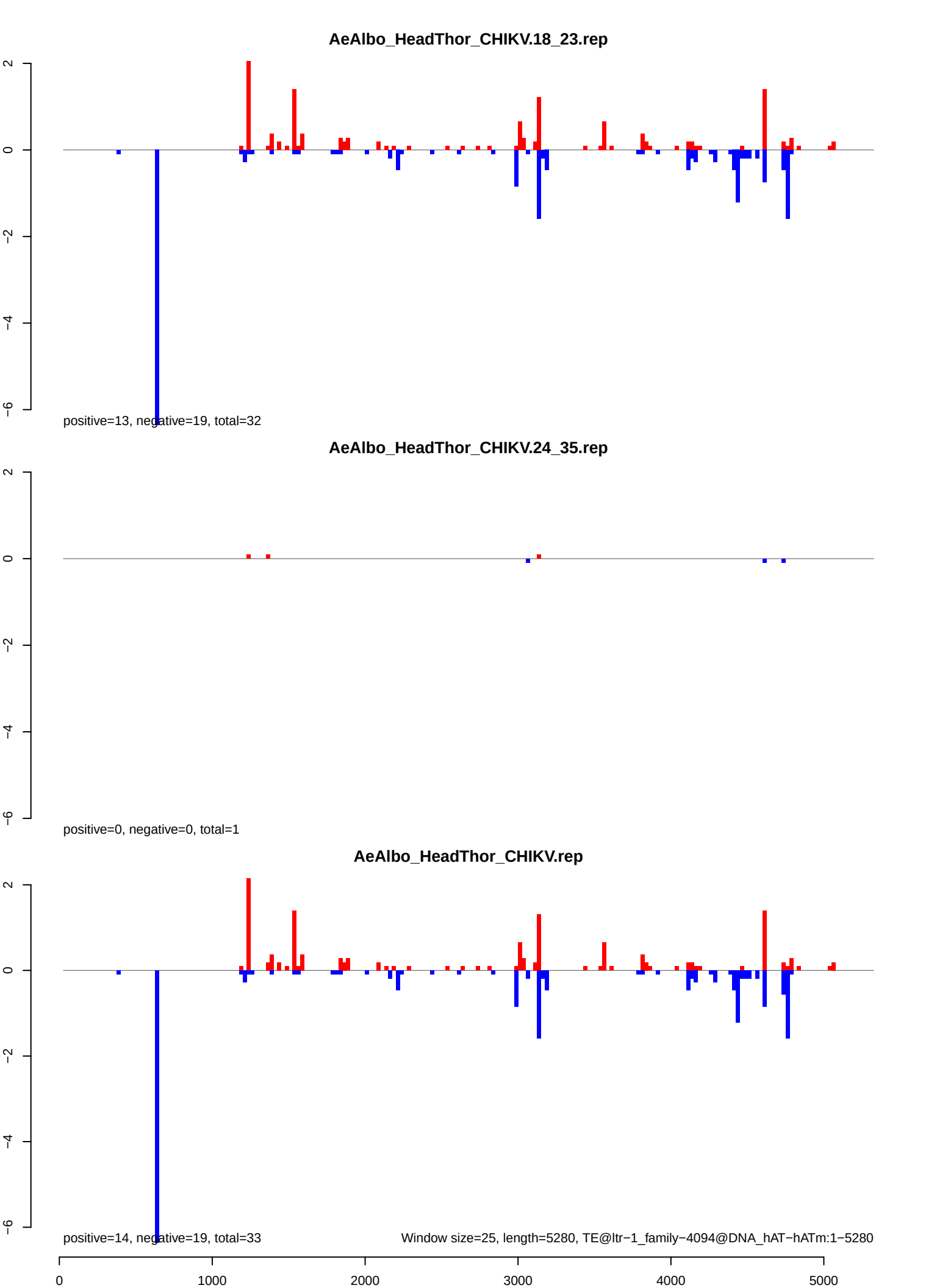

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=14, negative=11, total=25

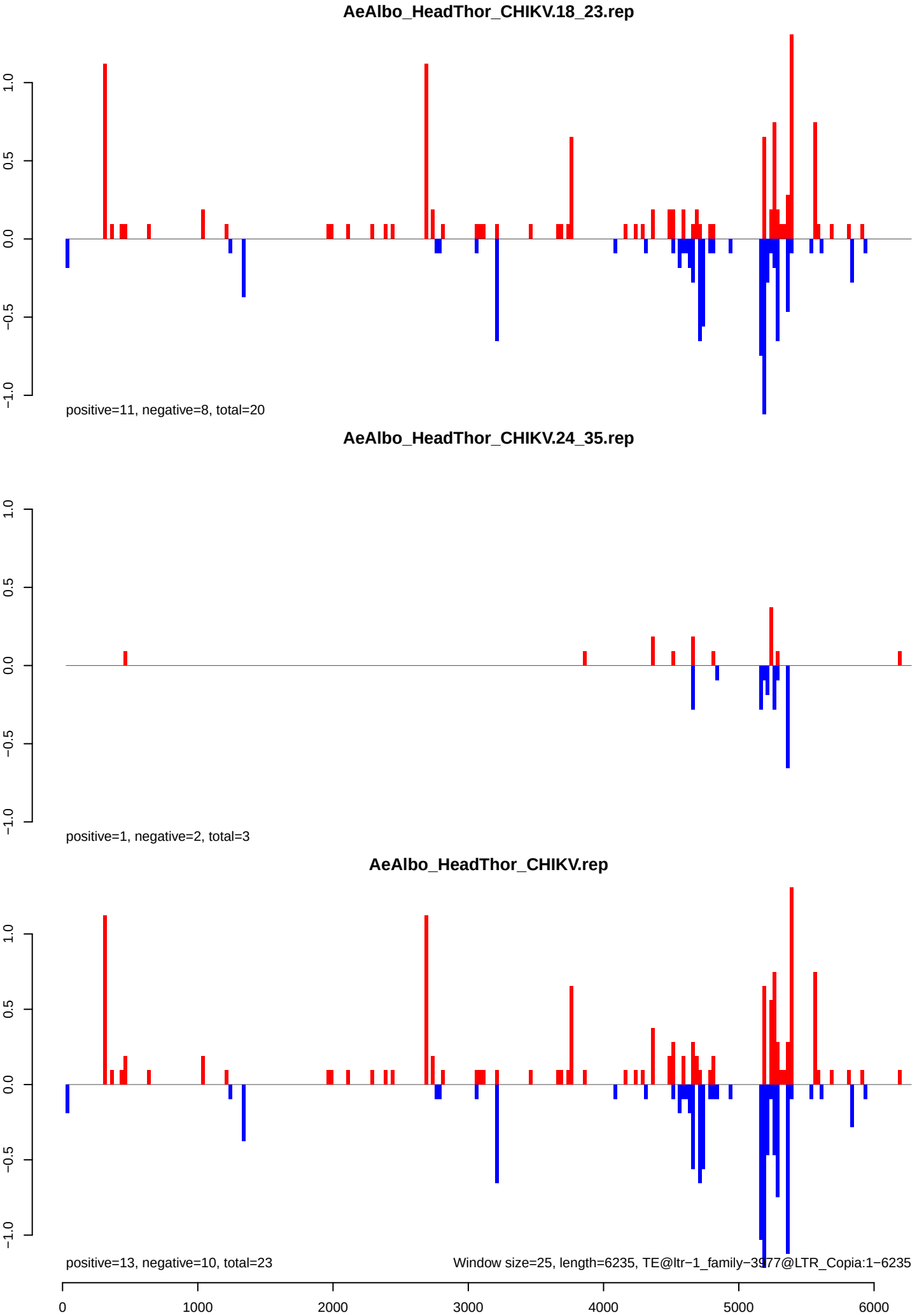

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=1, total=3

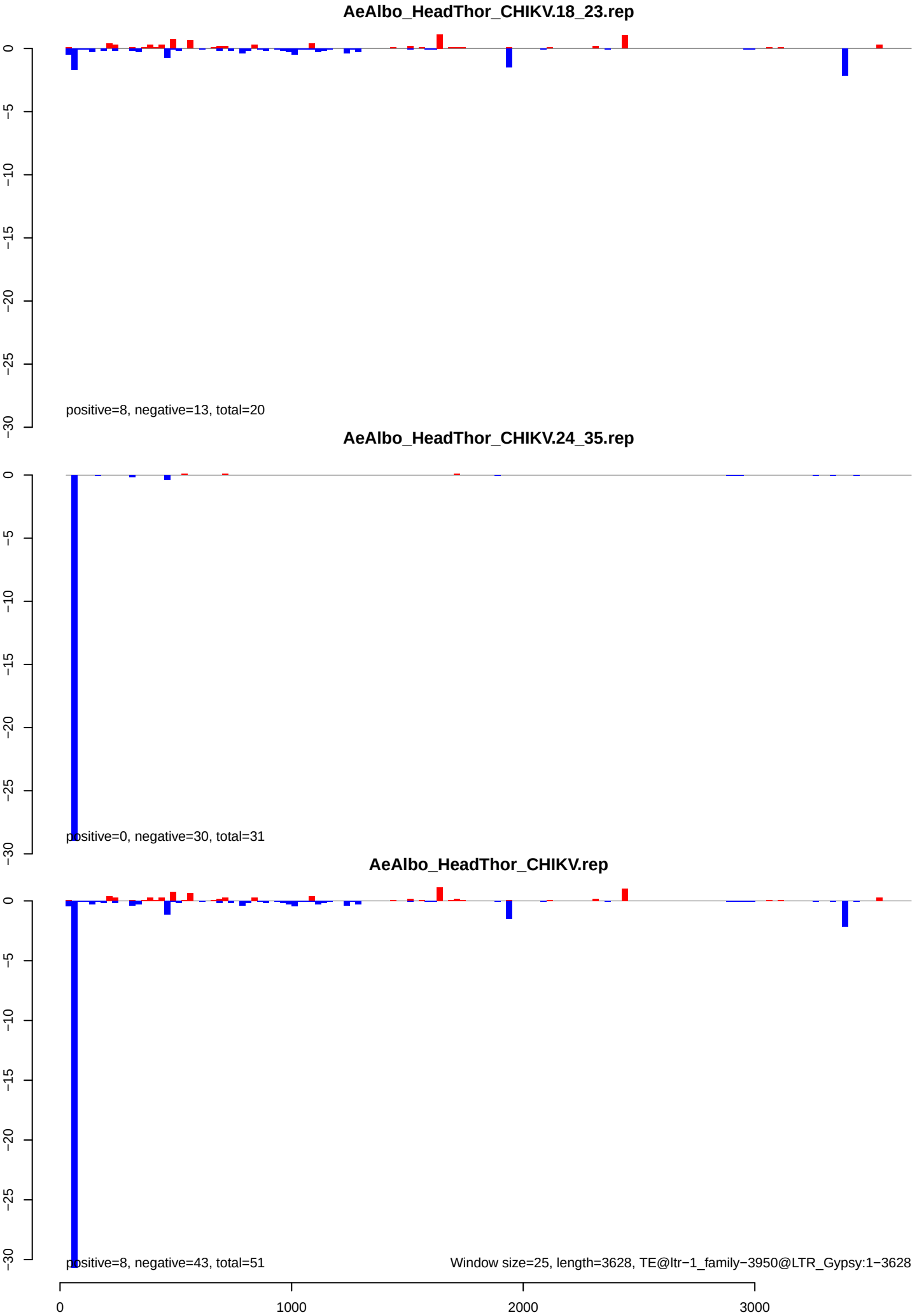

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
positive=17, negative=12, total=29
Window size=25, length=12319, TE@ltr−1_family−4912@LTR_Gypsy:1−12319
0
2000
4000
6000
8000
10000
12000

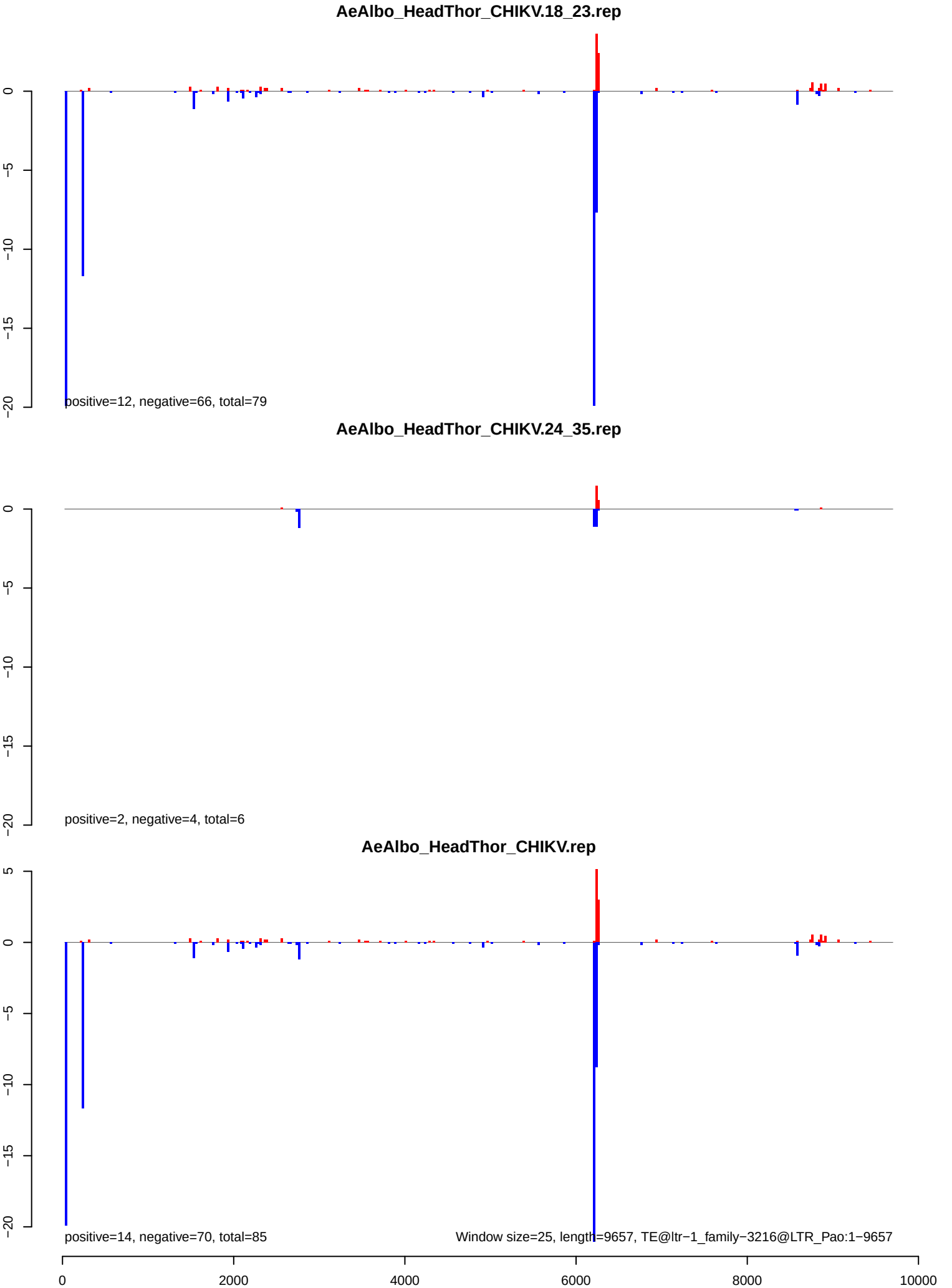

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=9, negative=25, total=34
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=10, negative=25, total=35
Window size=25, length=10010, TE@ltr−1_family−4465@LTR_Pao:1−10010
0
2000
4000
6000
8000
10000

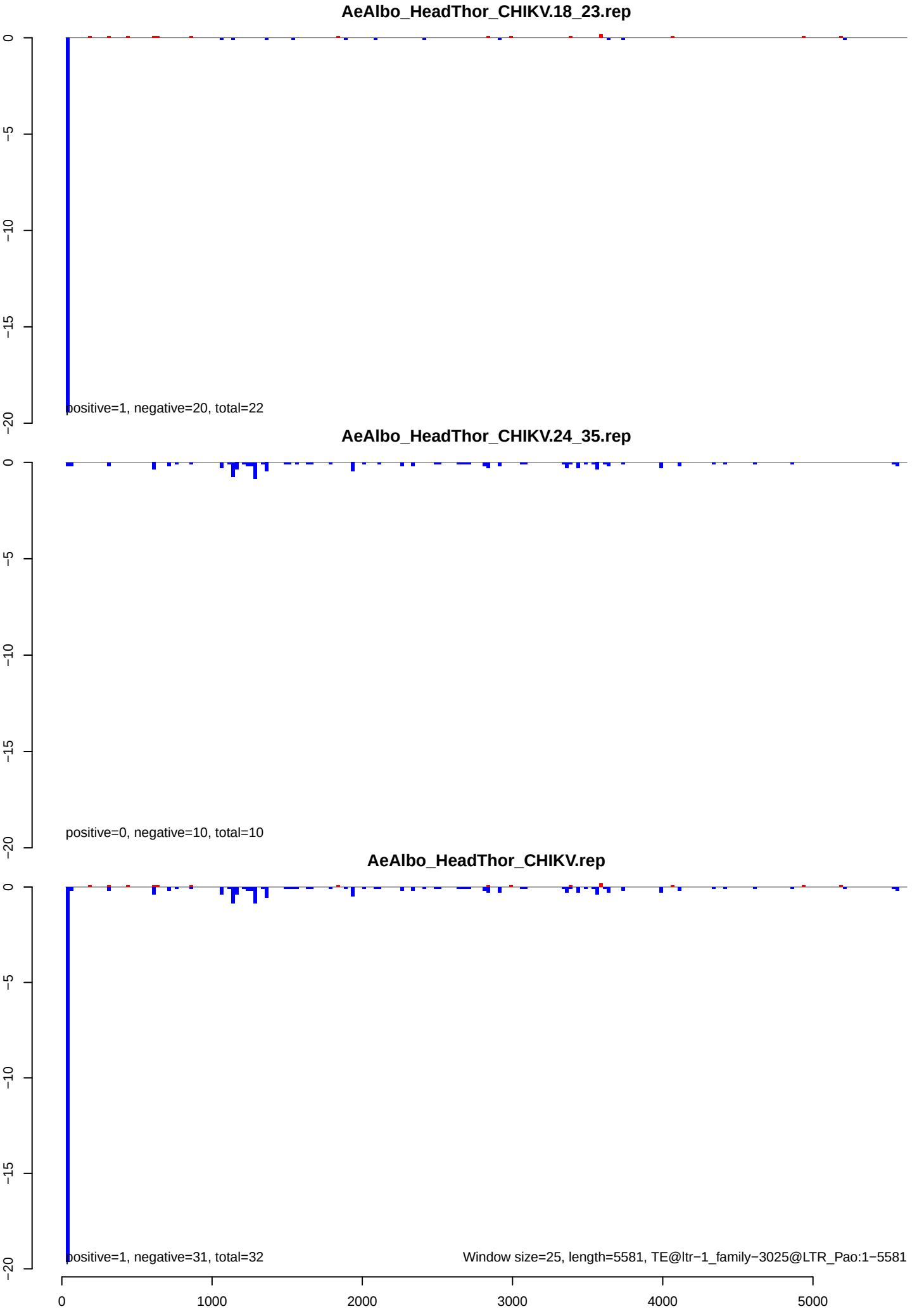

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=15, negative=14, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=11, negative=50, total=61
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=26, negative=65, total=90
Window size=25, length=3501, TE@ltr−1_family−4403@LINE_R1:1−3501
0
500
1000
1500
2000
2500
3000
3500

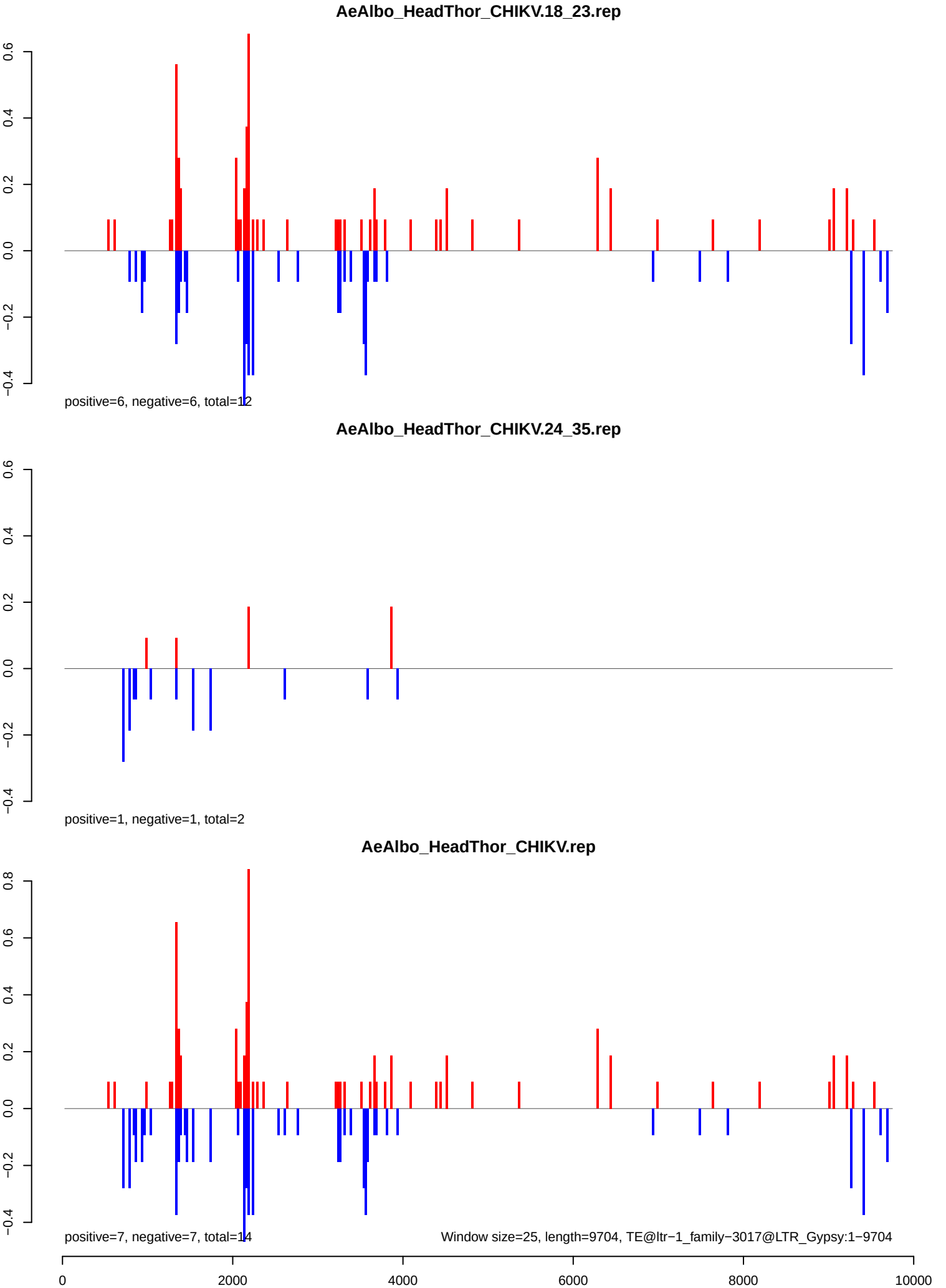

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=13, negative=19, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=14, negative=19, total=33
Window size=25, length=5280, TE@ltr−1_family−4094@DNA_hAT−hATm:1−5280
2
0
−2
−4
−6
0
1000
2000
3000
4000
5000

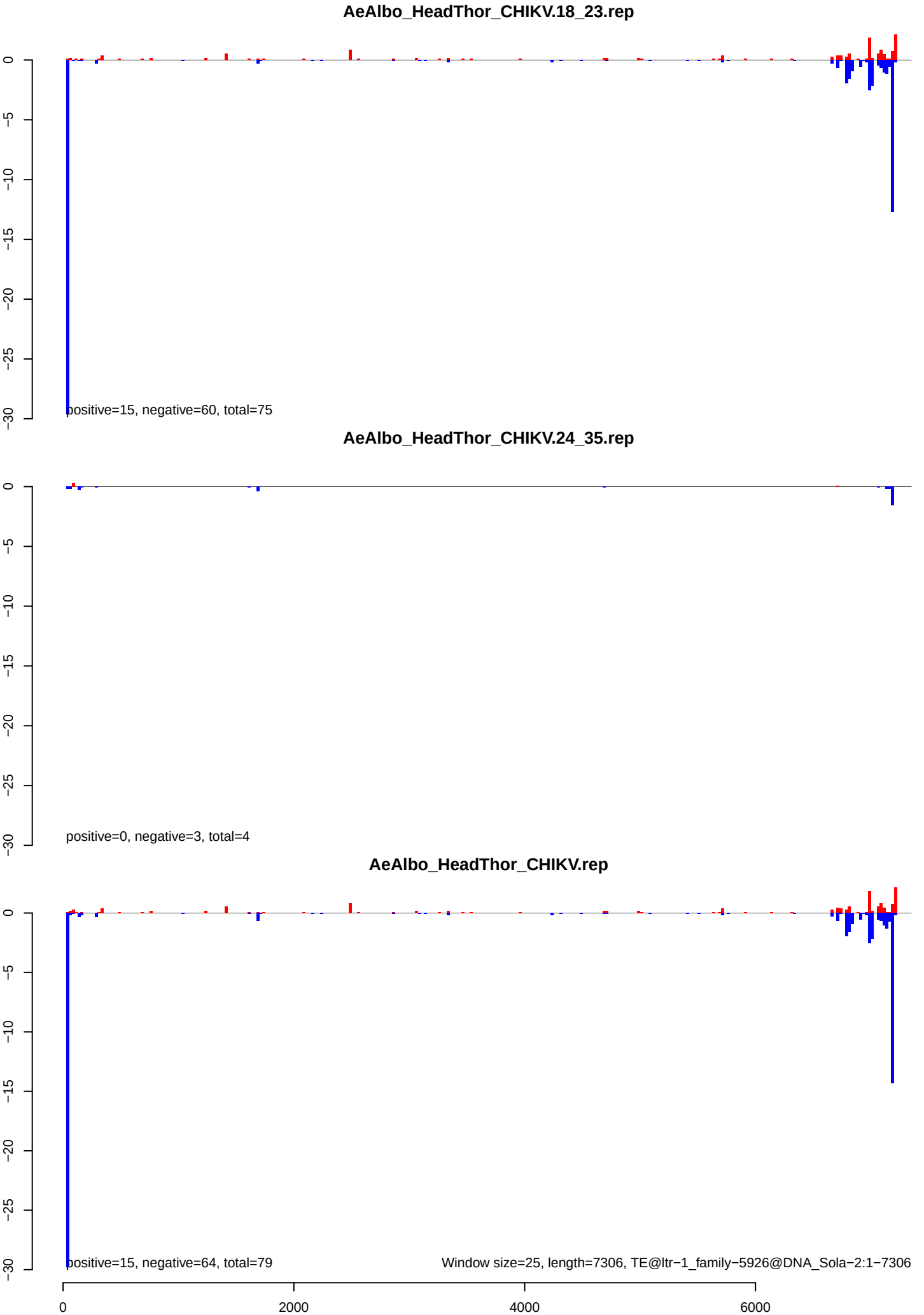

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=11, negative=8, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=13, negative=10, total=23
Window size=25, length=6235, TE@ltr−1_family−3977@LTR_Copia:1−6235
0
1000
2000
3000
4000
5000
6000

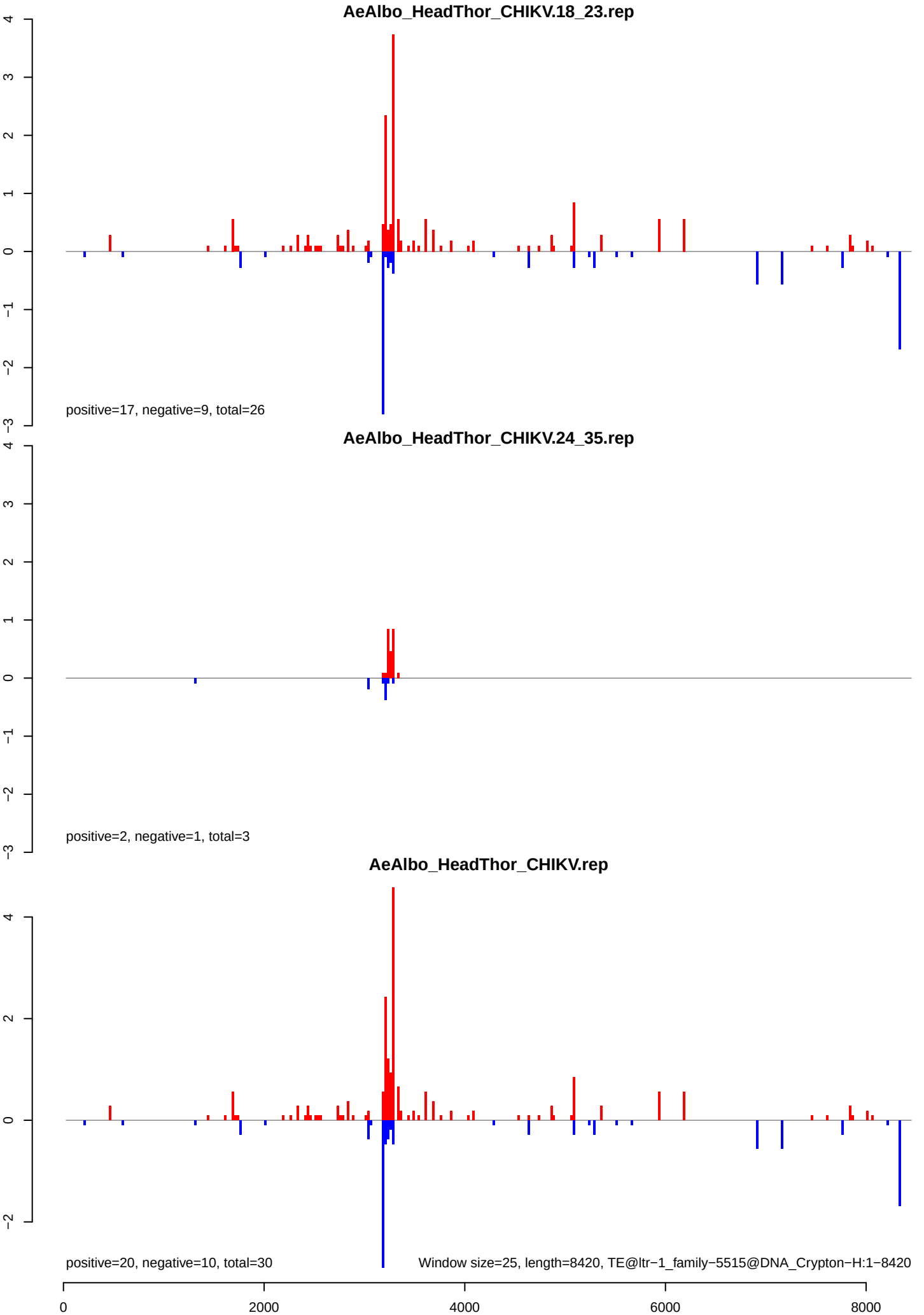

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=8, negative=13, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=30, total=31
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=8, negative=43, total=51
Window size=25, length=3628, TE@ltr−1_family−3950@LTR_Gypsy:1−3628
0
1000
2000
3000

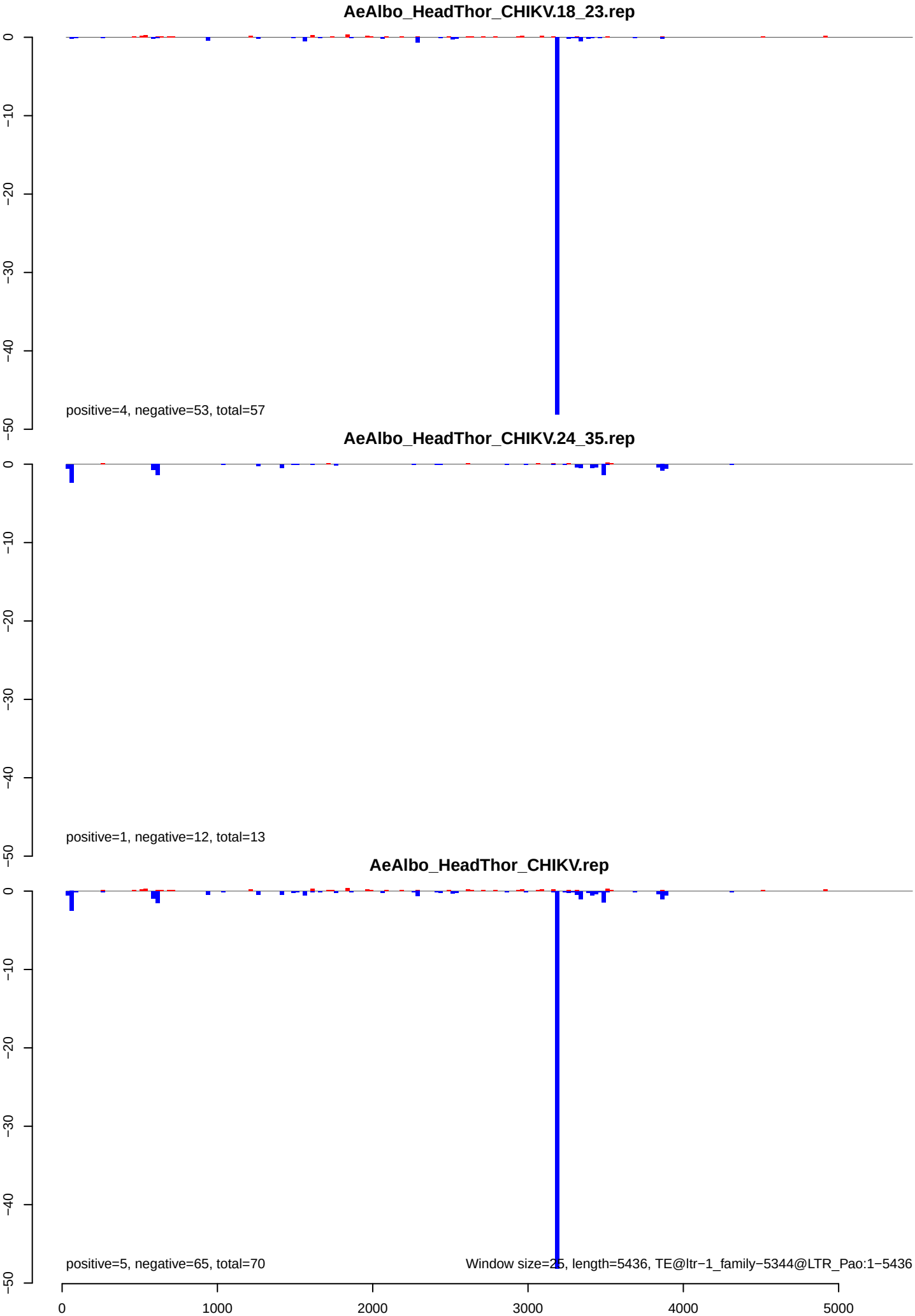

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=12, negative=66, total=79
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=14, negative=70, total=85
Window size=25, length=9657, TE@ltr−1_family−3216@LTR_Pao:1−9657
0
2000
4000
6000
8000
10000

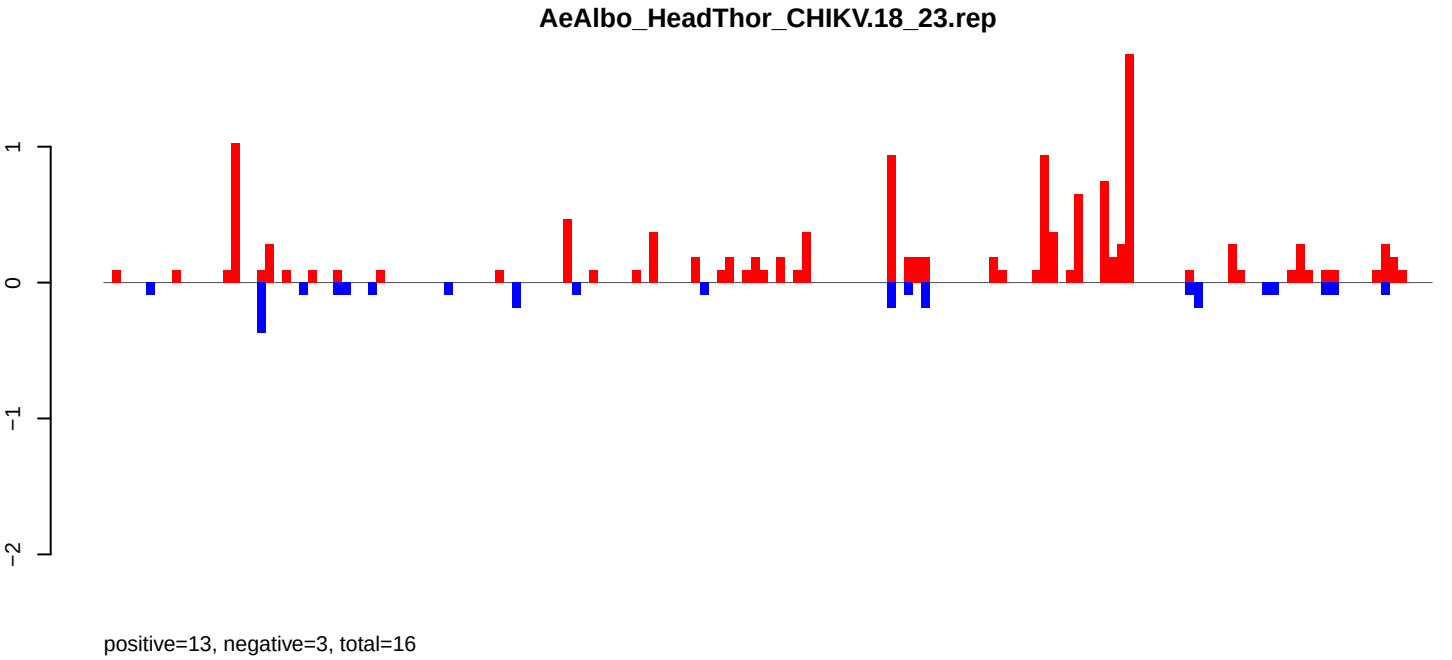

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=20, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=10, total=10
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=31, total=32
Window size=25, length=5581, TE@ltr−1_family−3025@LTR_Pao:1−5581
0
−5
−10
−15
−20
0
1000
2000
3000
4000
5000

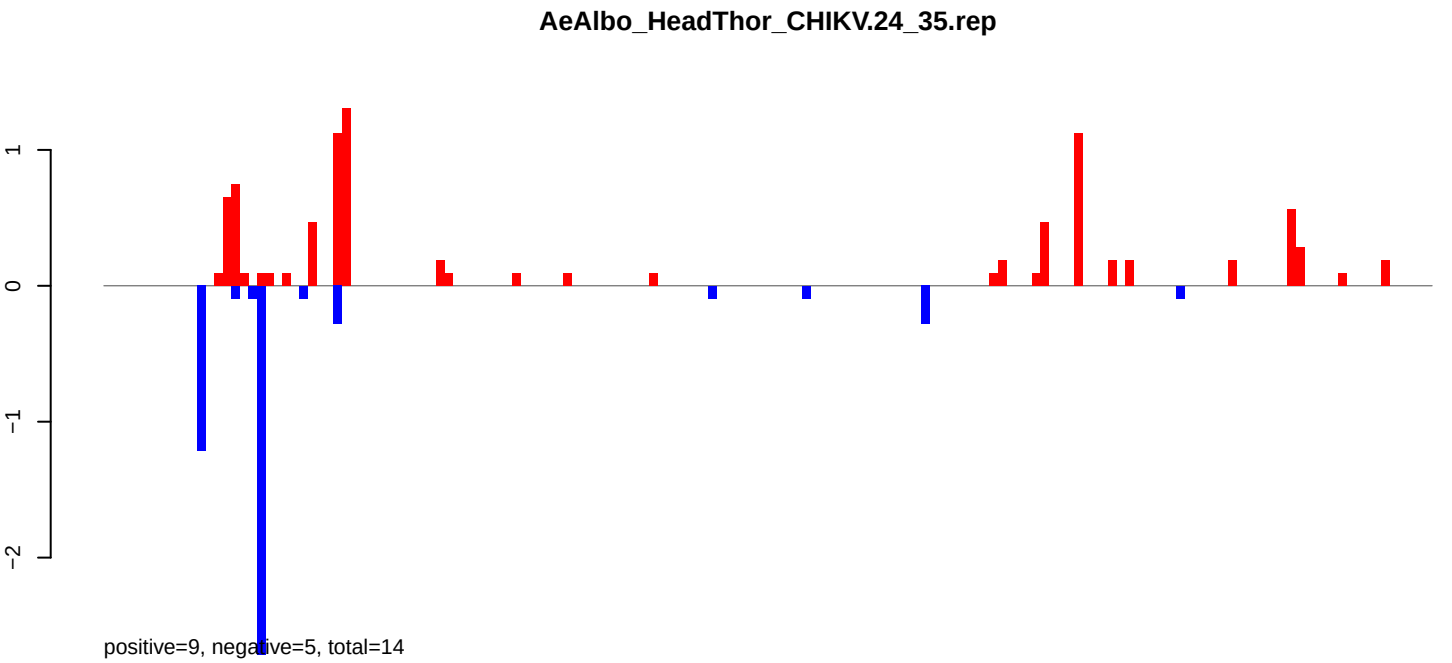

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=6, negative=6, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=7, negative=7, total=14
Window size=25, length=9704, TE@ltr−1_family−3017@LTR_Gypsy:1−9704
0
2000
4000
6000
8000
10000

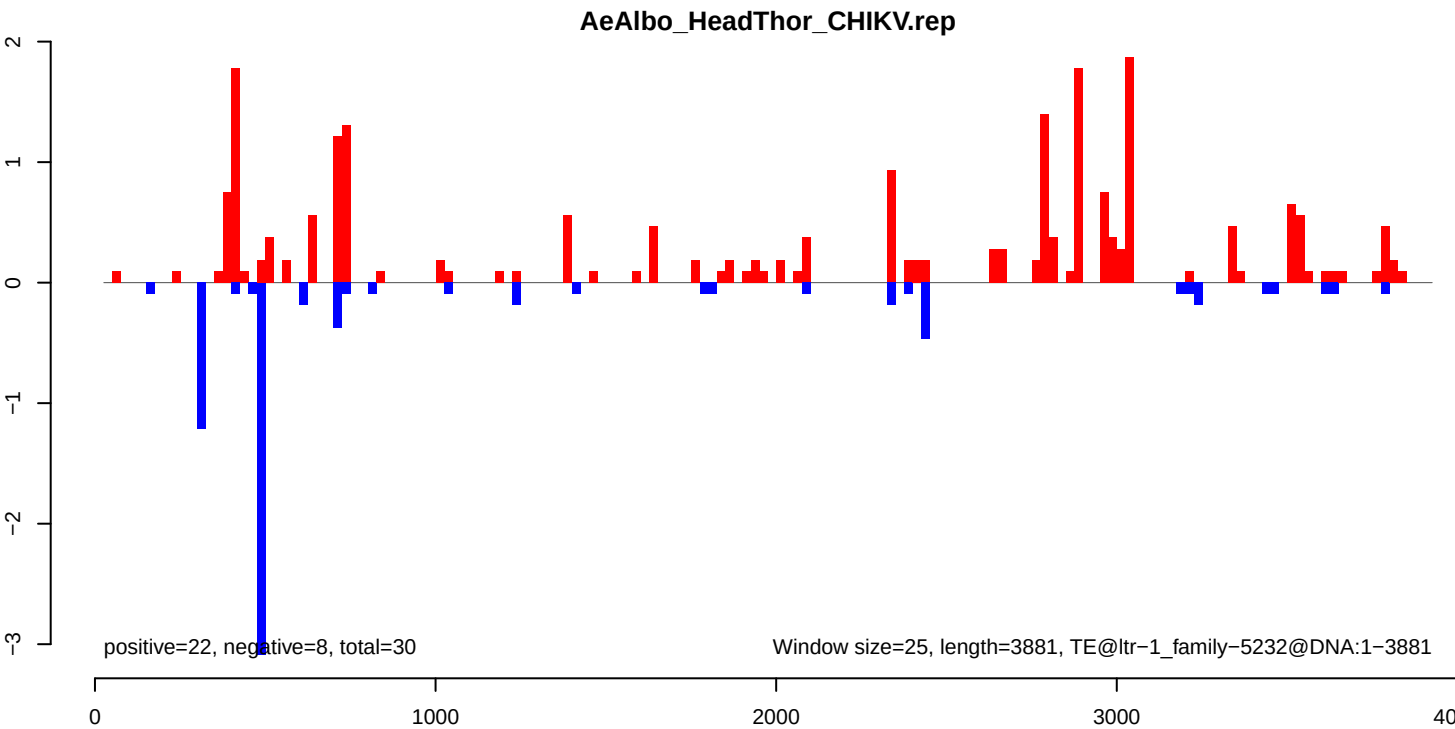

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=15, negative=60, total=75
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=3, total=4
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=15, negative=64, total=79
Window size=25, length=7306, TE@ltr−1_family−5926@DNA_Sola−2:1−7306
0
2000
4000
6000

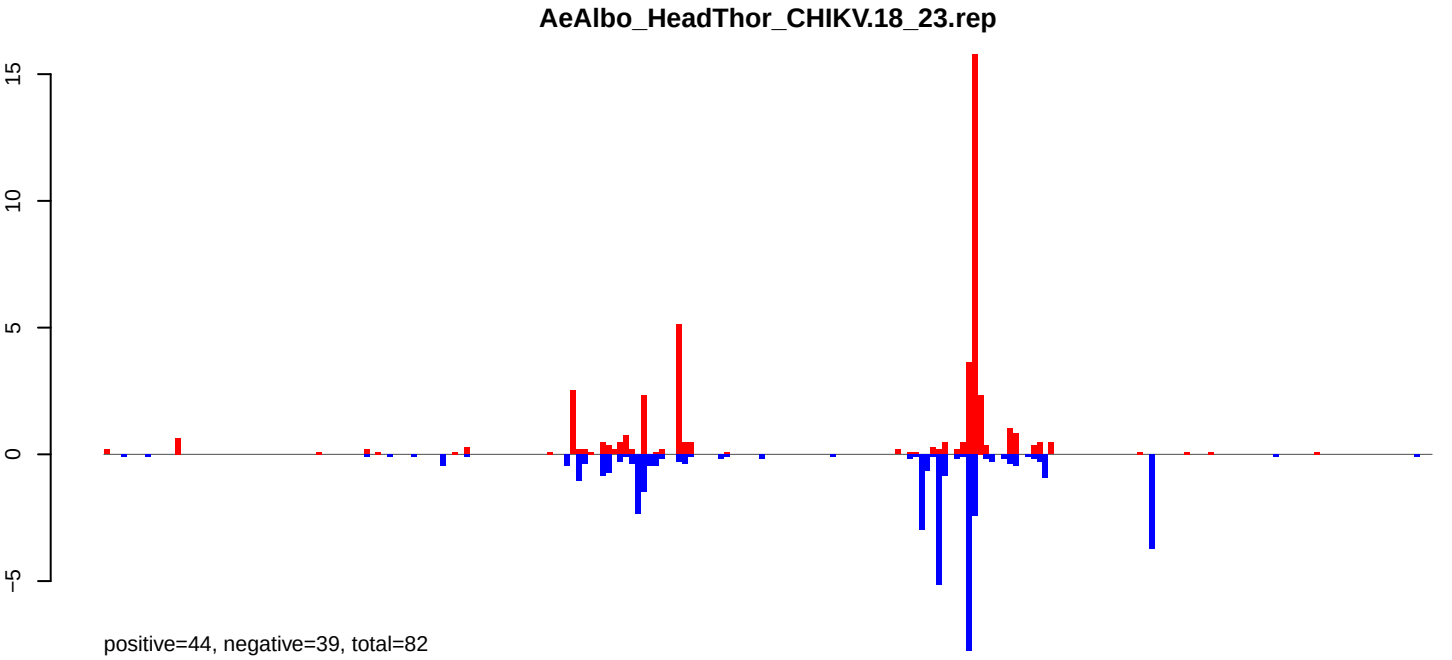

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=17, negative=9, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=20, negative=10, total=30
Window size=25, length=8420, TE@ltr−1_family−5515@DNA_Crypton−H:1−8420
0
2000
4000
6000
8000

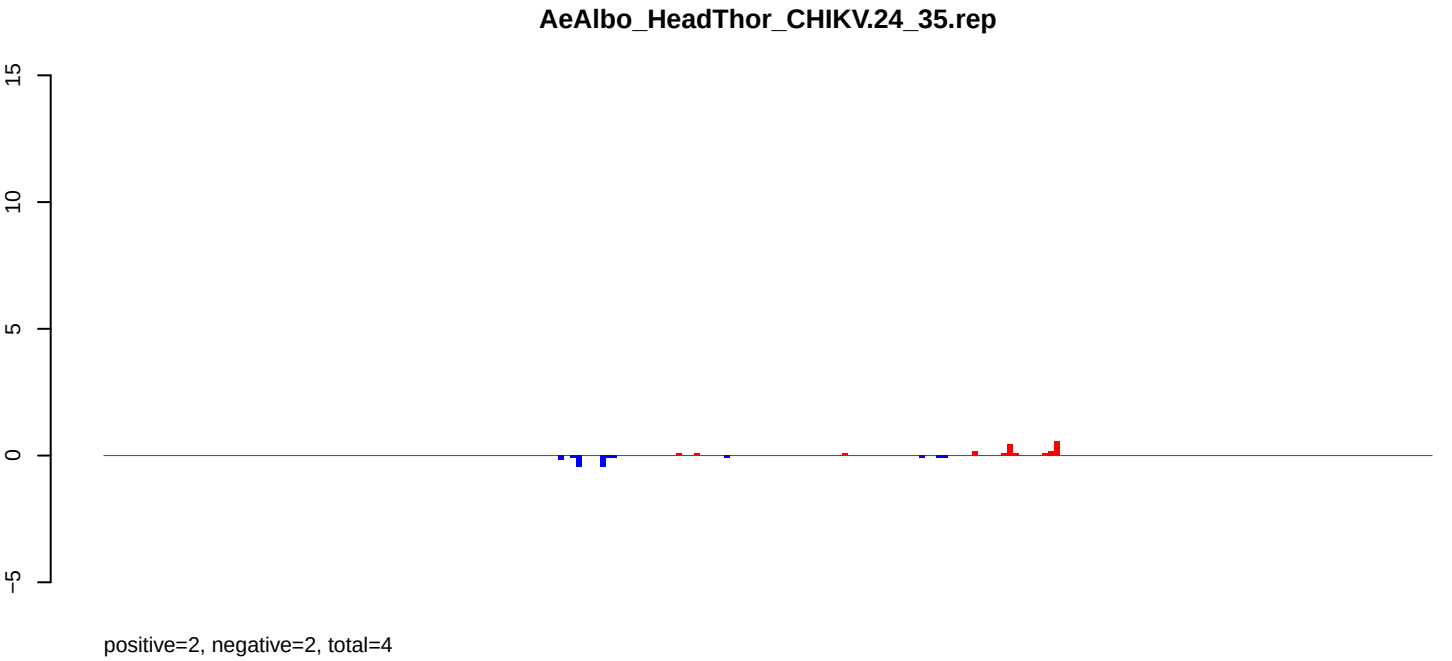

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=53, total=57
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=12, total=13
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=65, total=70
Window size=25, length=5436, TE@ltr−1_family−5344@LTR_Pao:1−5436
0
−10
−20
−30
−40
−50
0
1000
2000
3000
4000
5000

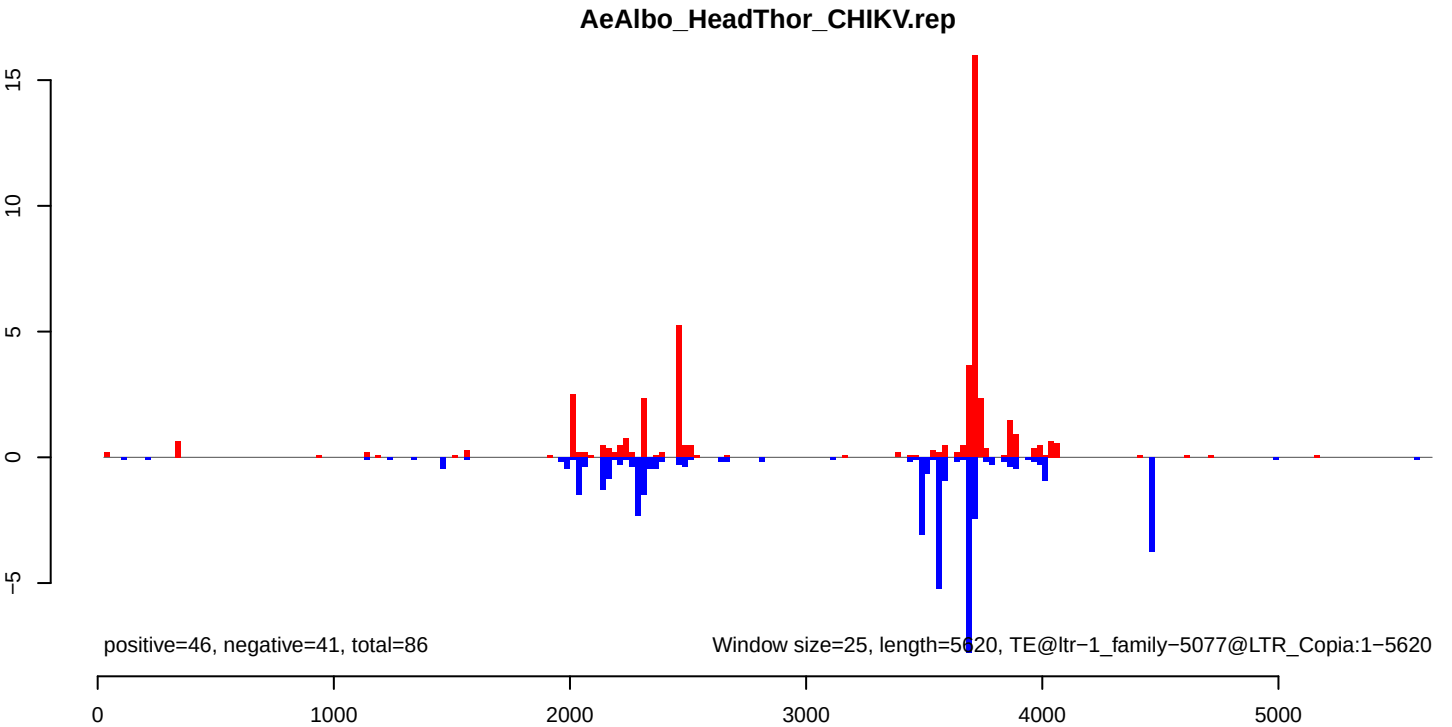

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=13, negative=3, total=16

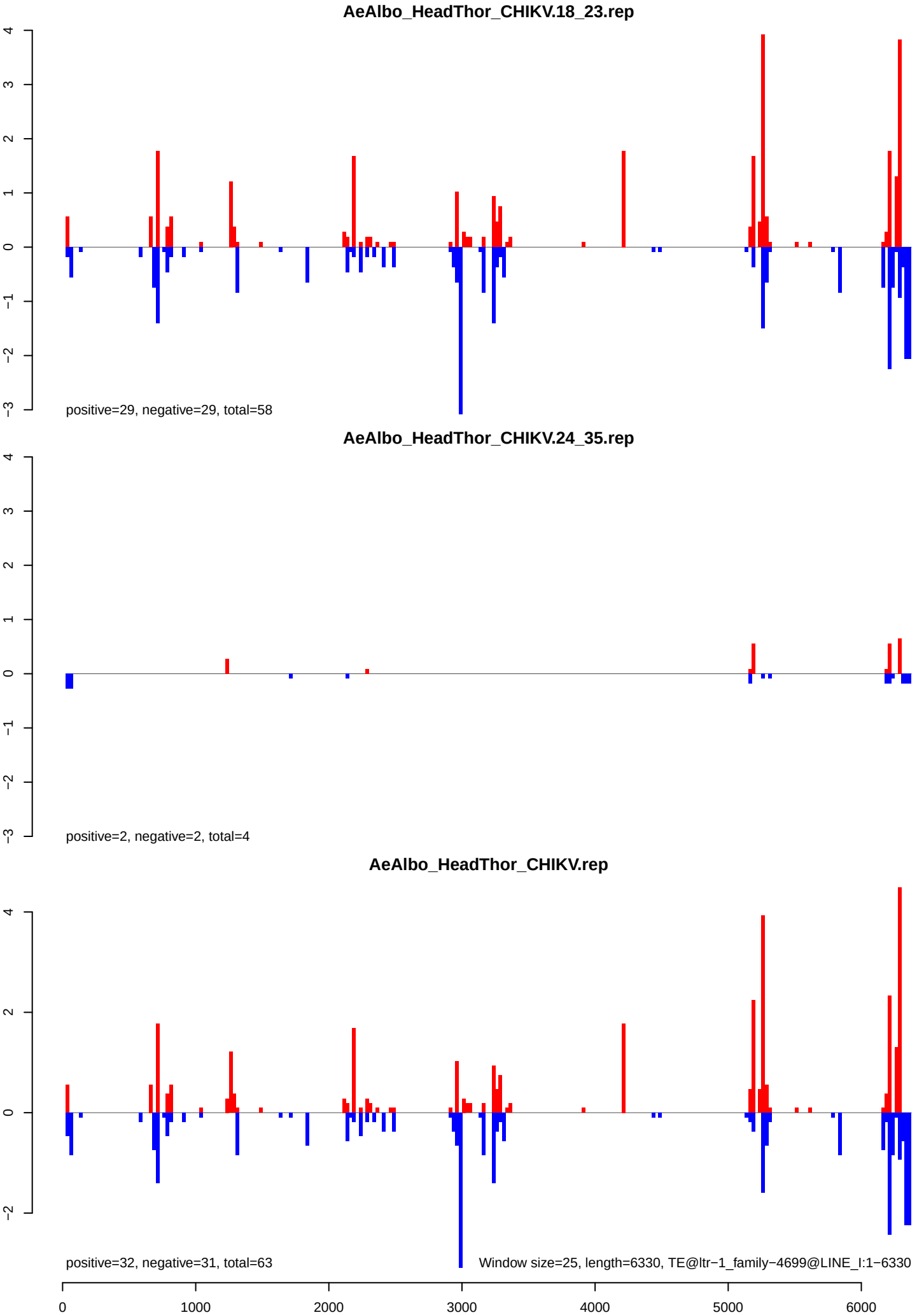

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=9, negative=5, total=14

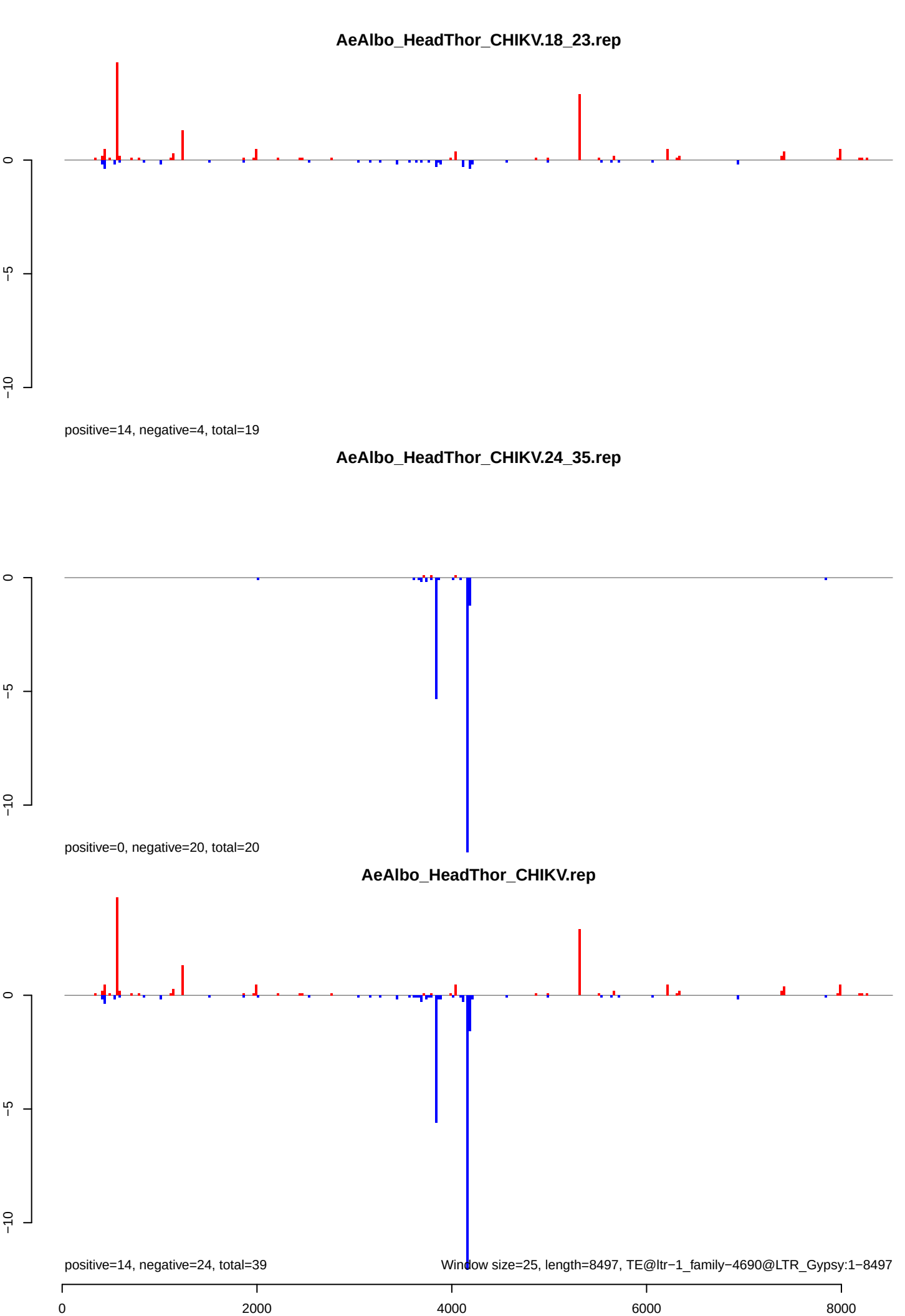

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
−3
positive=22, negative=8, total=30
Window size=25, length=3881, TE@ltr−1_family−5232@DNA:1−3881
0
1000
2000
3000
4000

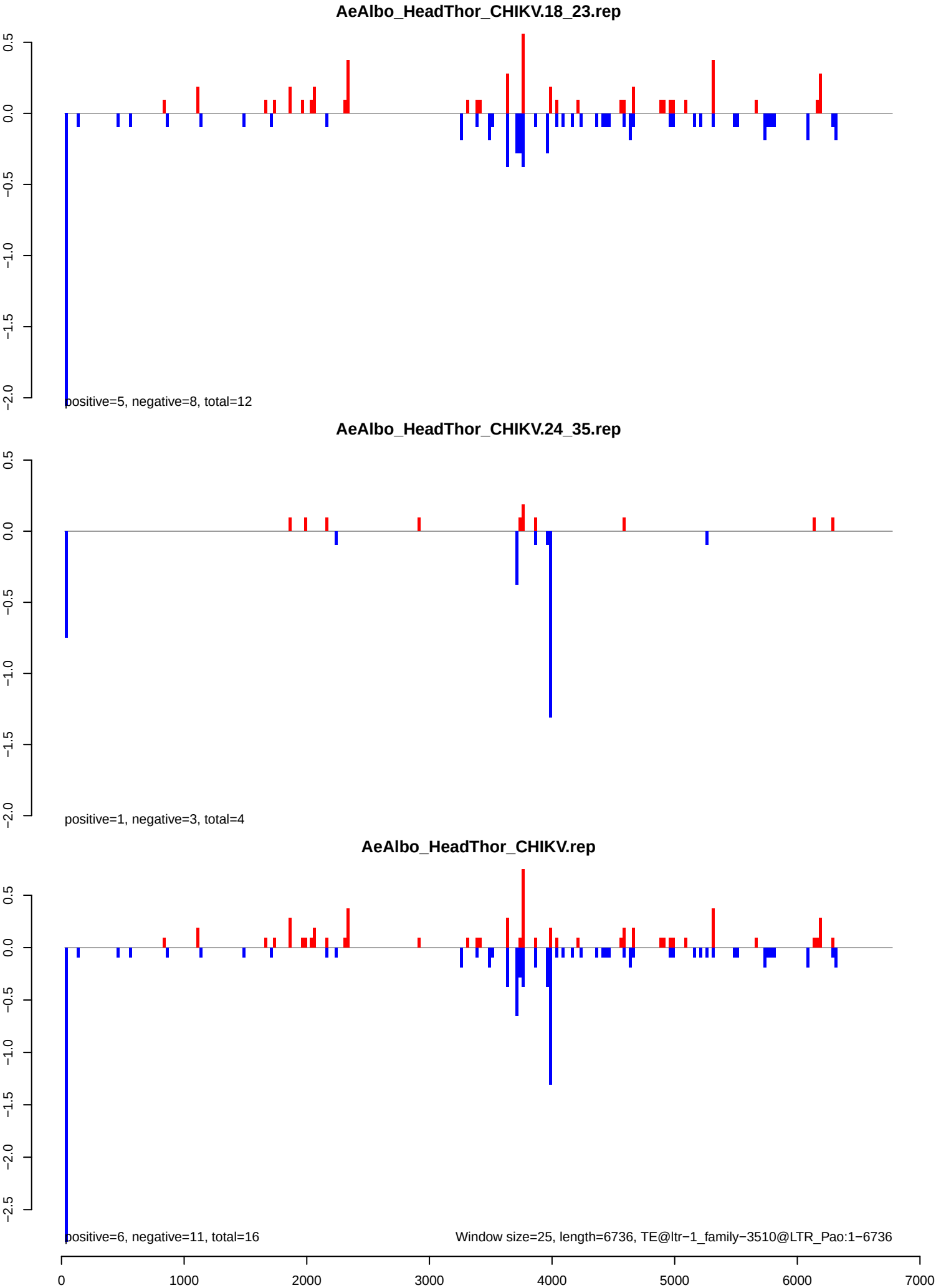

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
positive=44, negative=39, total=82

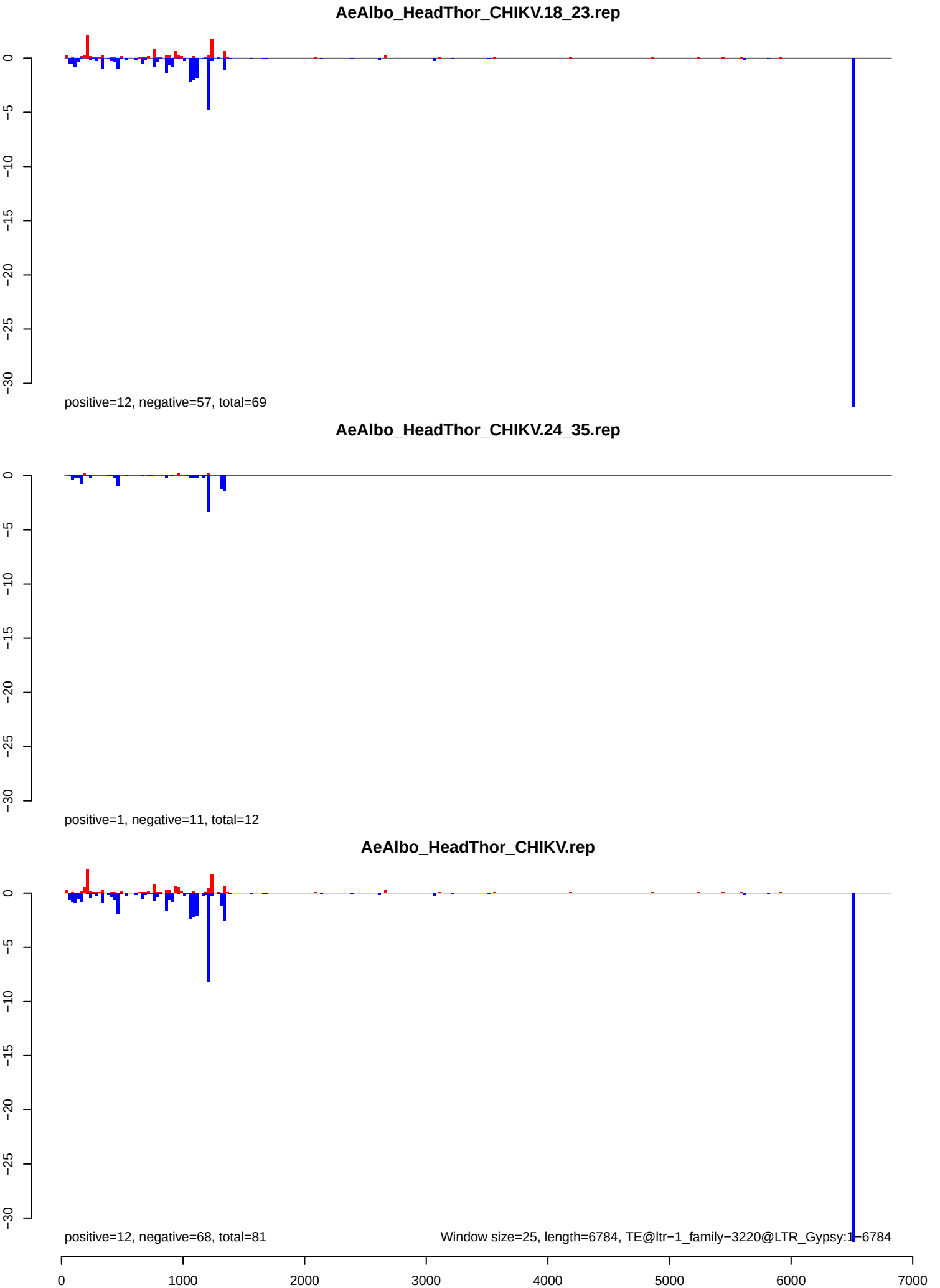

AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
positive=2, negative=2, total=4

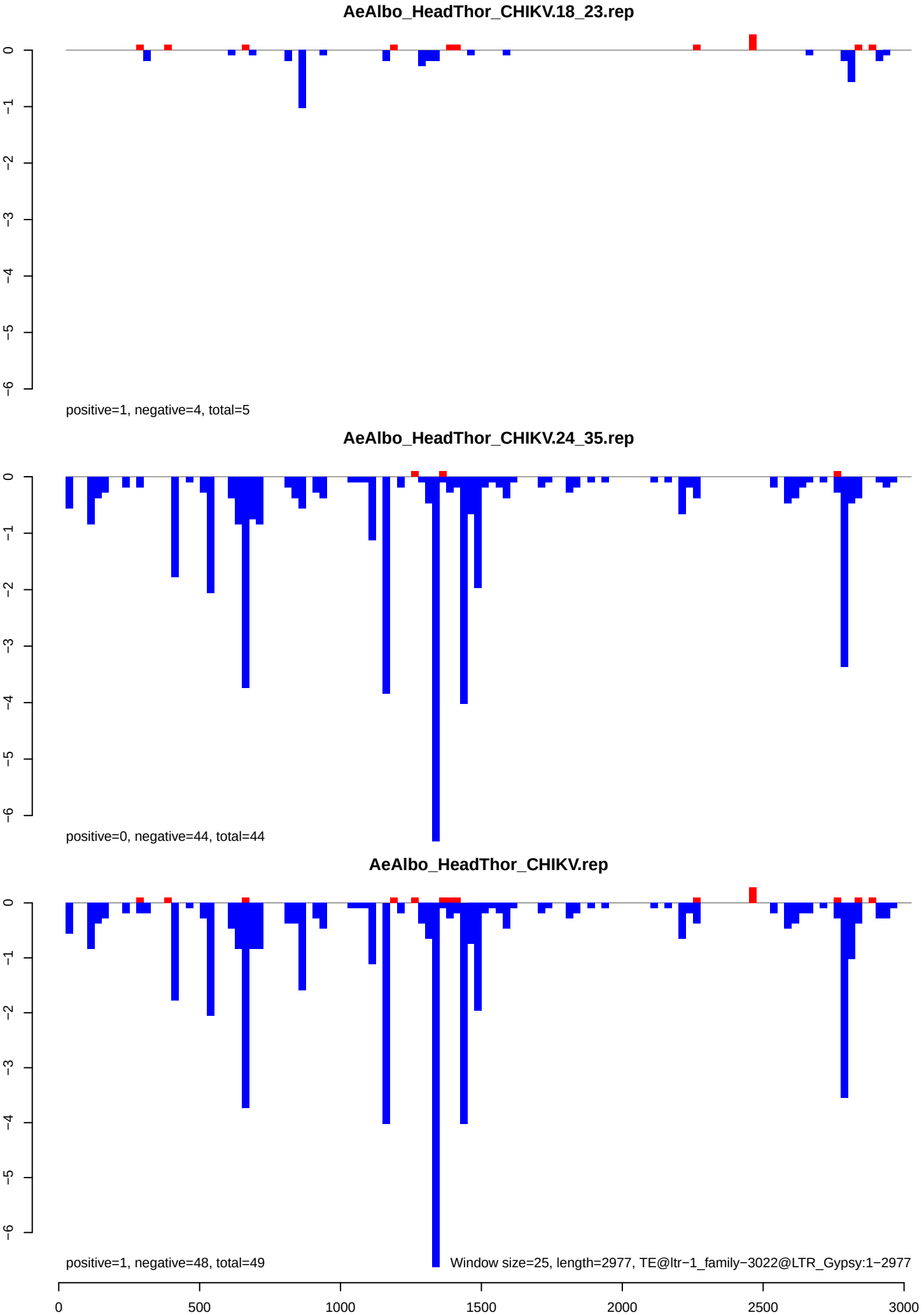

AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
positive=46, negative=41, total=86
Window size=25, length=5620, TE@ltr−1_family−5077@LTR_Copia:1−5620
0
1000
2000
3000
4000
5000

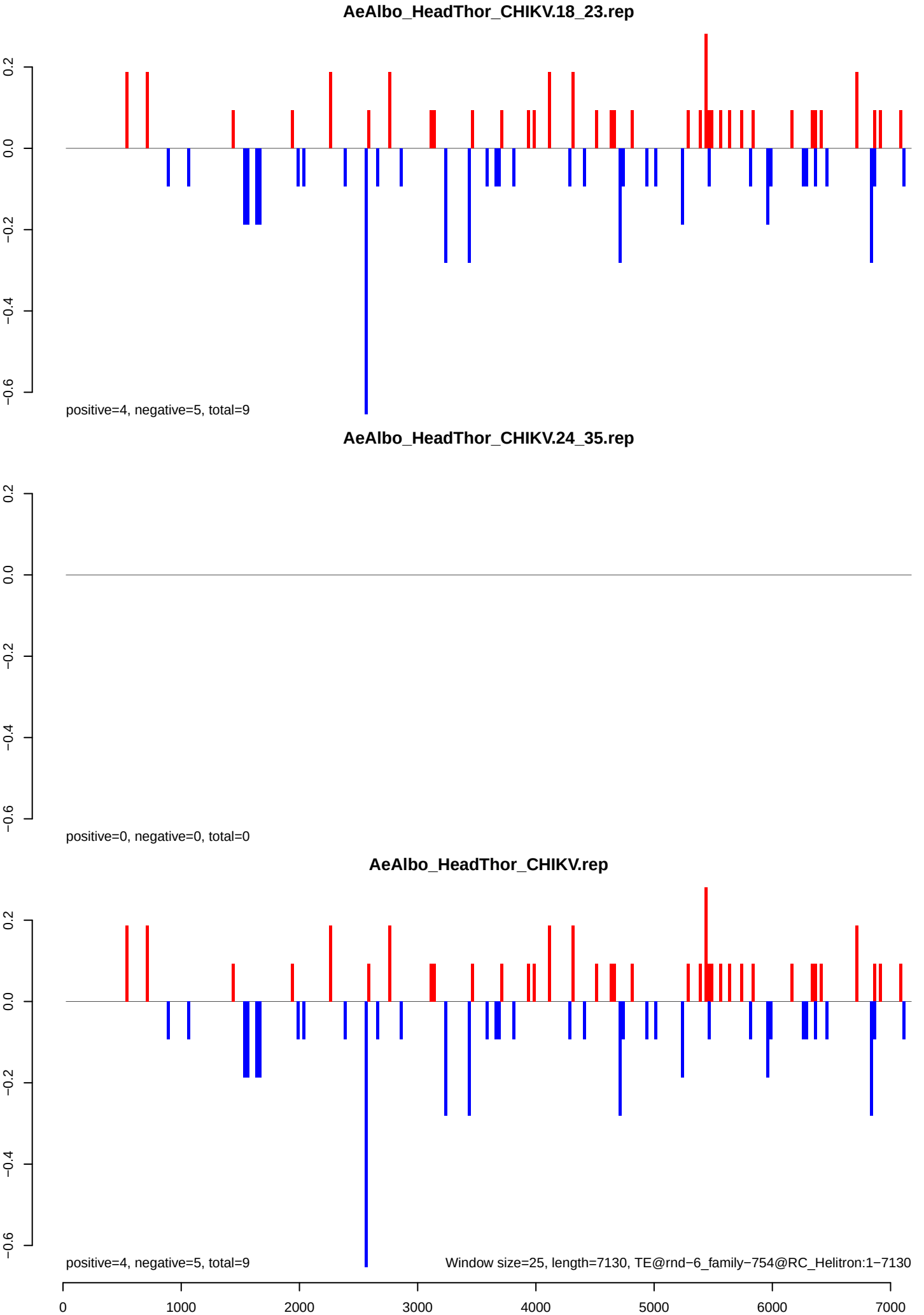

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=29, negative=29, total=58
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=32, negative=31, total=63
Window size=25, length=6330, TE@ltr−1_family−4699@LINE_I:1−6330
0
1000
2000
3000
4000
5000
6000

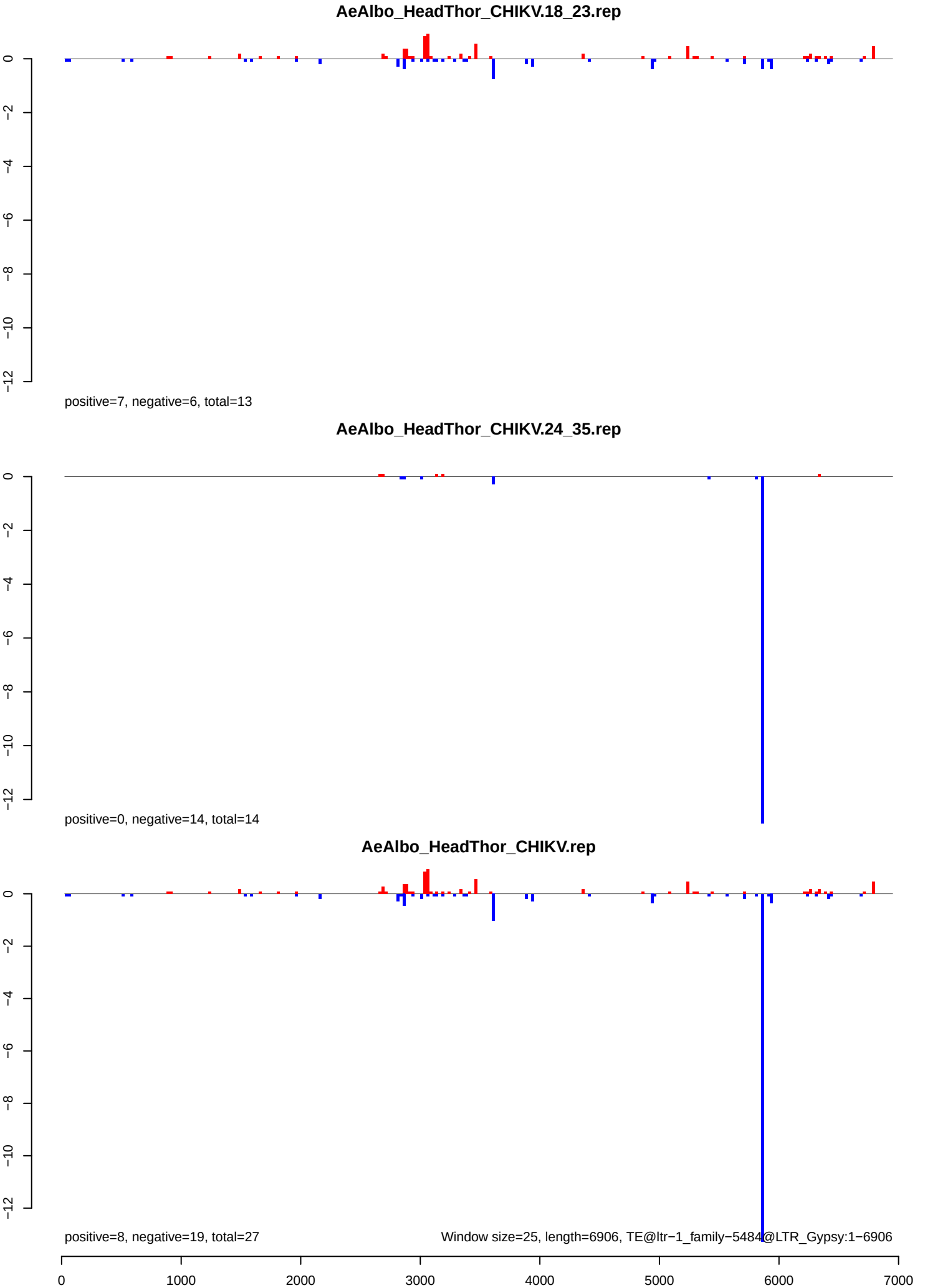

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=14, negative=4, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=0, negative=20, total=20
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
positive=14, negative=24, total=39
Window size=25, length=8497, TE@ltr−1_family−4690@LTR_Gypsy:1−8497
0
2000
4000
6000
8000

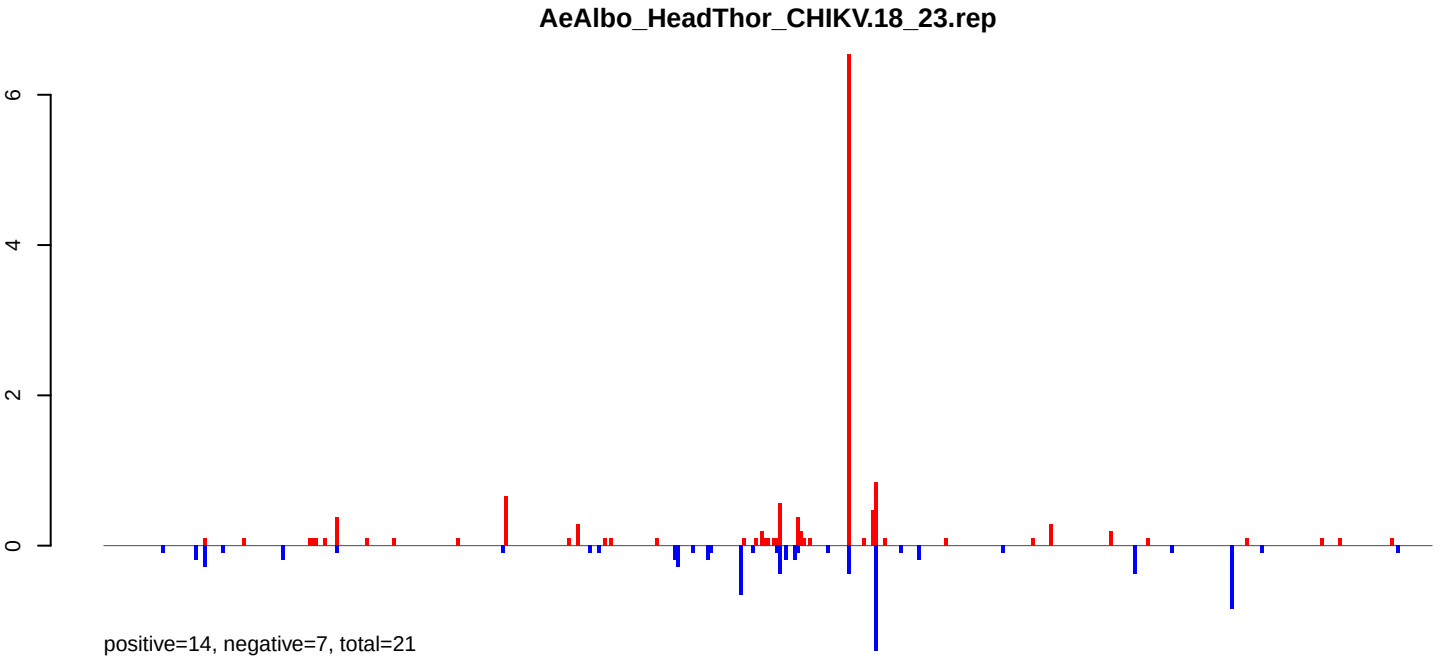

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=5, negative=8, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=6, negative=11, total=16
Window size=25, length=6736, TE@ltr−1_family−3510@LTR_Pao:1−6736
0
1000
2000
3000
4000
5000
6000
7000

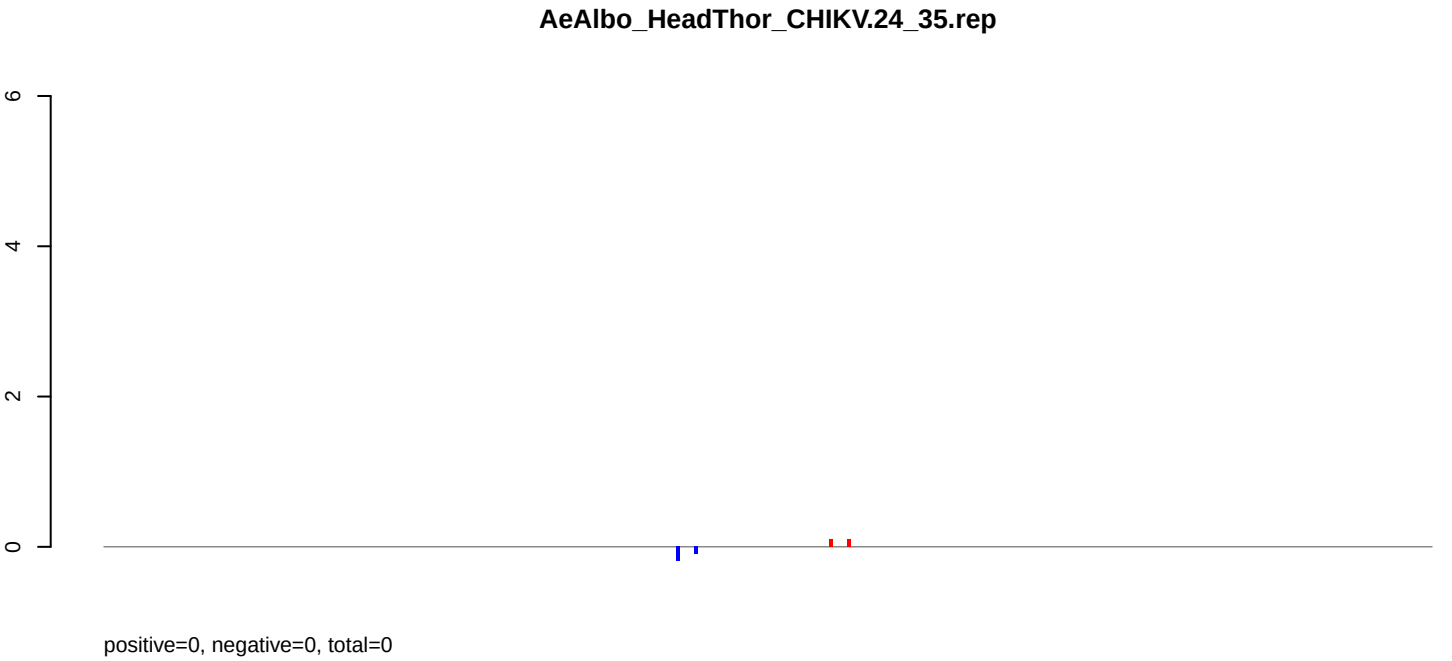

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=12, negative=57, total=69
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=1, negative=11, total=12
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=12, negative=68, total=81
Window size=25, length=6784, TE@ltr−1_family−3220@LTR_Gypsy:1−6784
0
1000
2000
3000
4000
5000
6000
7000

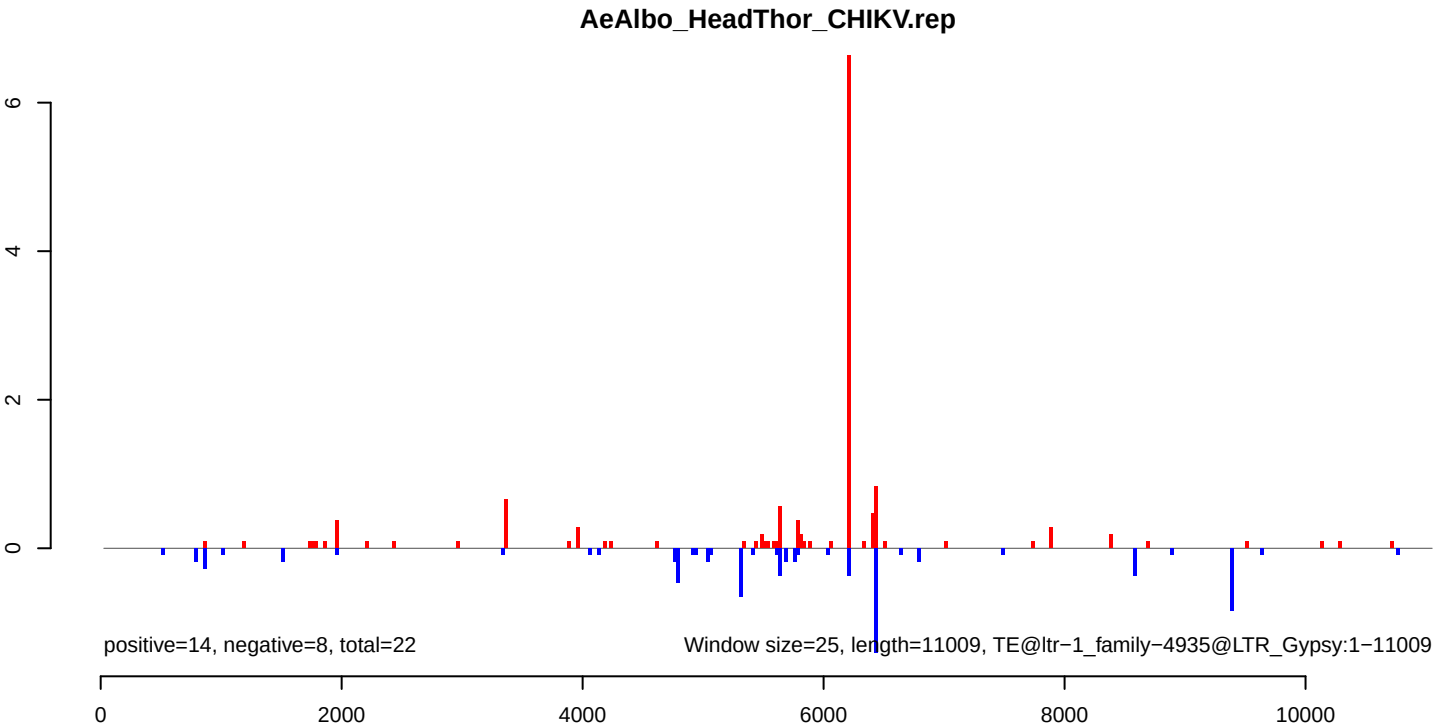

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
−6
positive=1, negative=4, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=44, total=44
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=48, total=49
Window size=25, length=2977, TE@ltr−1_family−3022@LTR_Gypsy:1−2977
0
500
1000
1500
2000
2500
3000

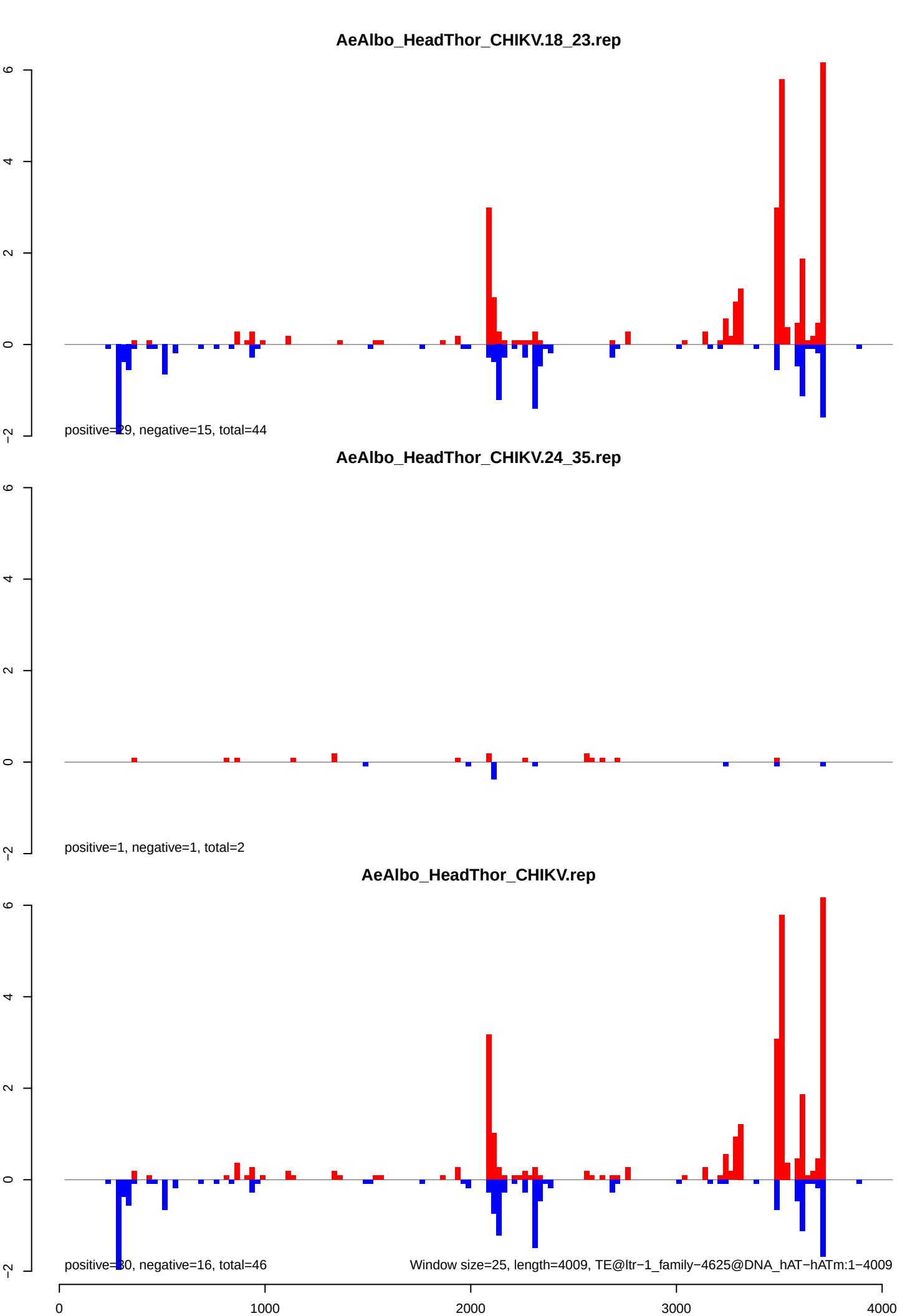

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=4, negative=5, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=4, negative=5, total=9
Window size=25, length=7130, TE@rnd−6_family−754@RC_Helitron:1−7130
0
1000
2000
3000
4000
5000
6000
7000

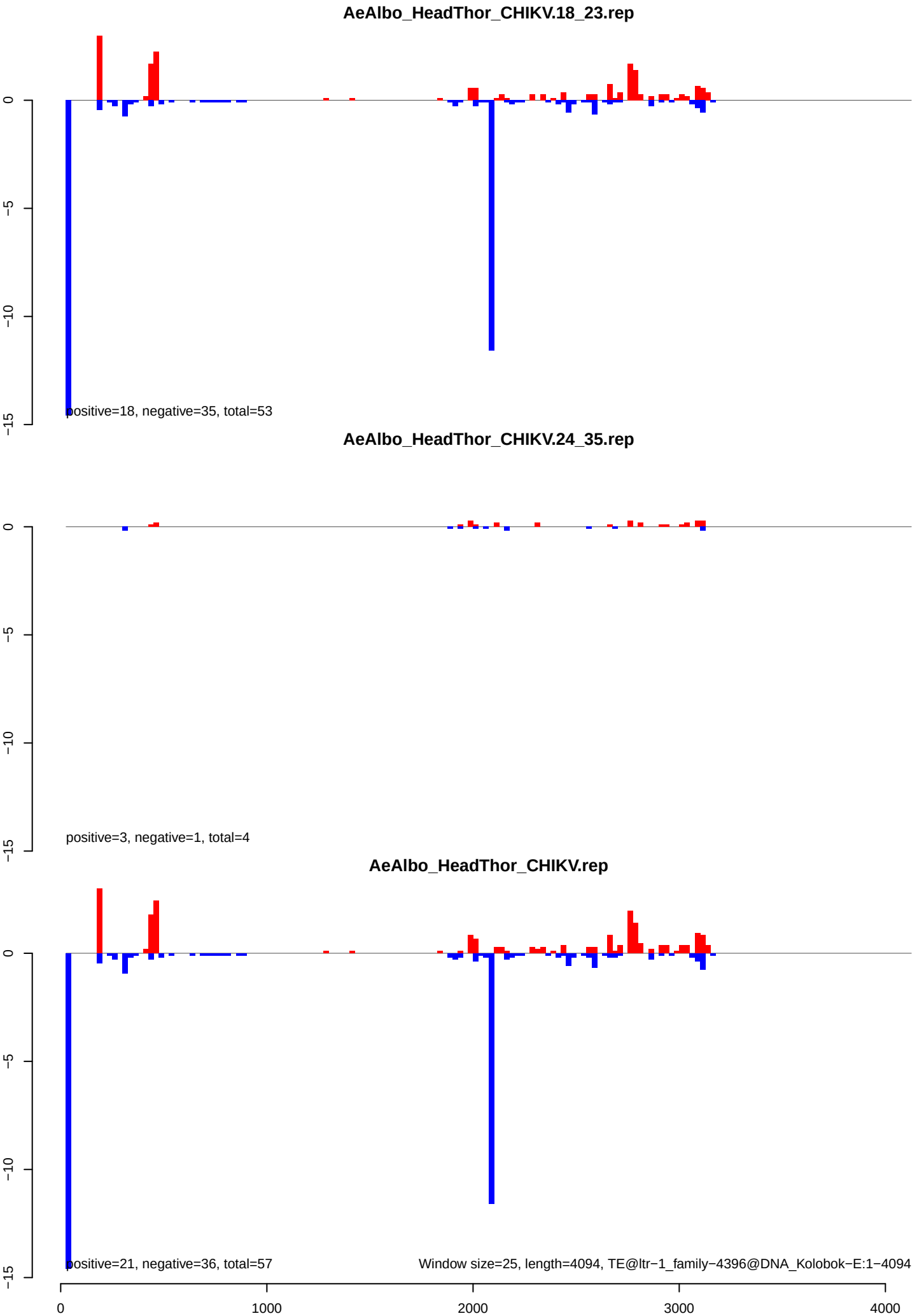

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=7, negative=6, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=14, total=14
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
−12
positive=8, negative=19, total=27
Window size=25, length=6906, TE@ltr−1_family−5484@LTR_Gypsy:1−6906
0
1000
2000
3000
4000
5000
6000
7000

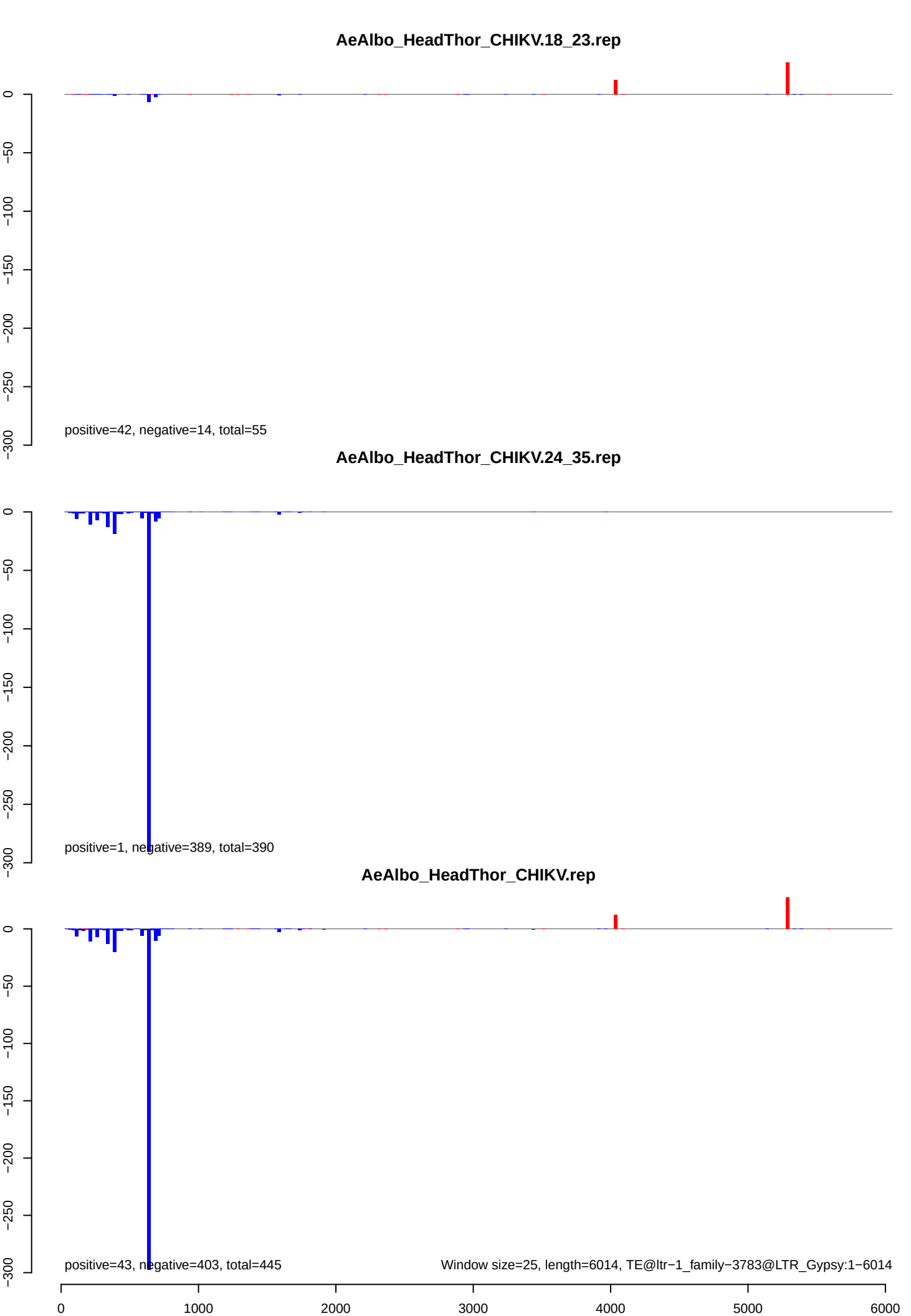

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
positive=14, negative=7, total=21

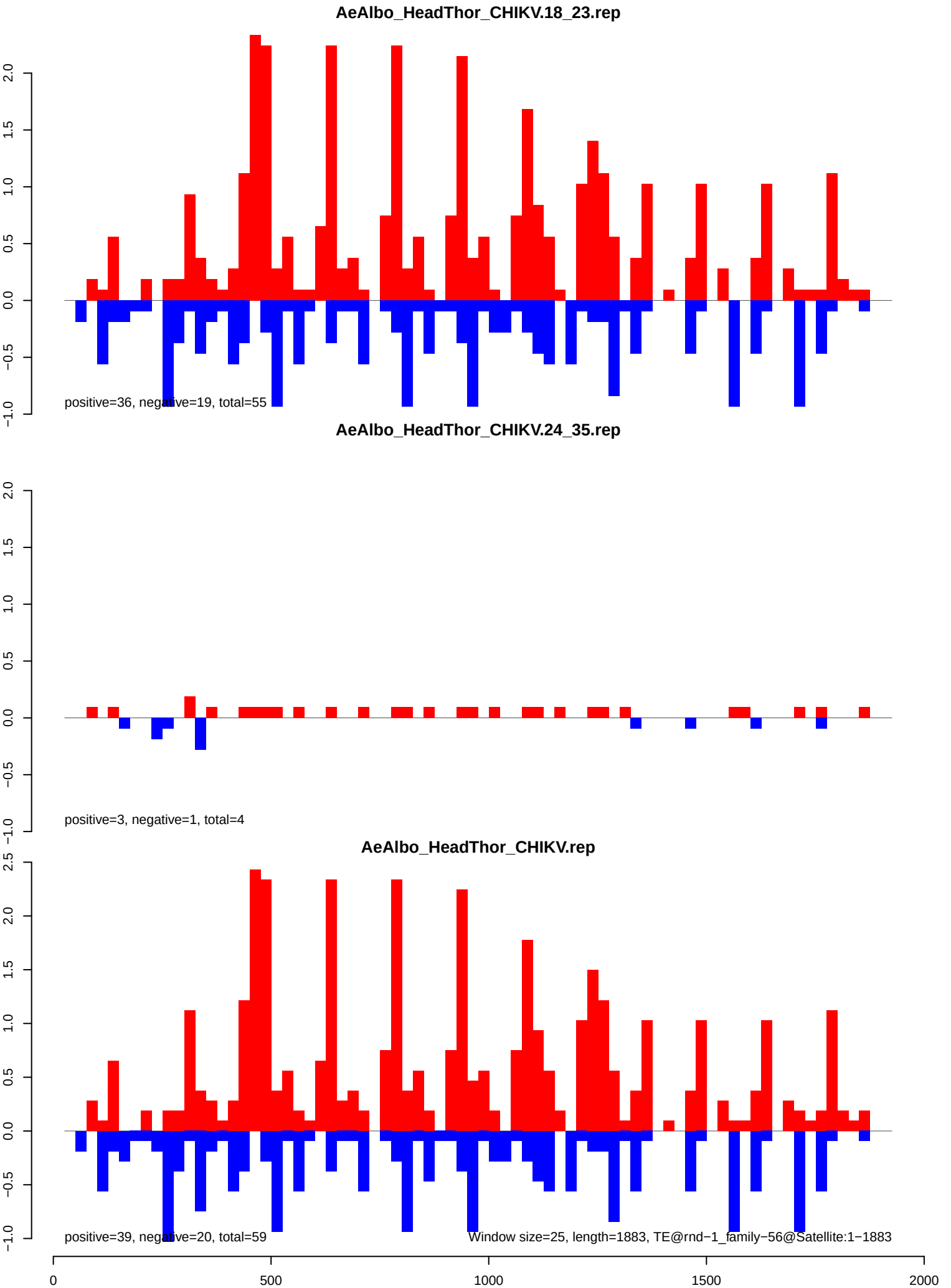

AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
positive=0, negative=0, total=0

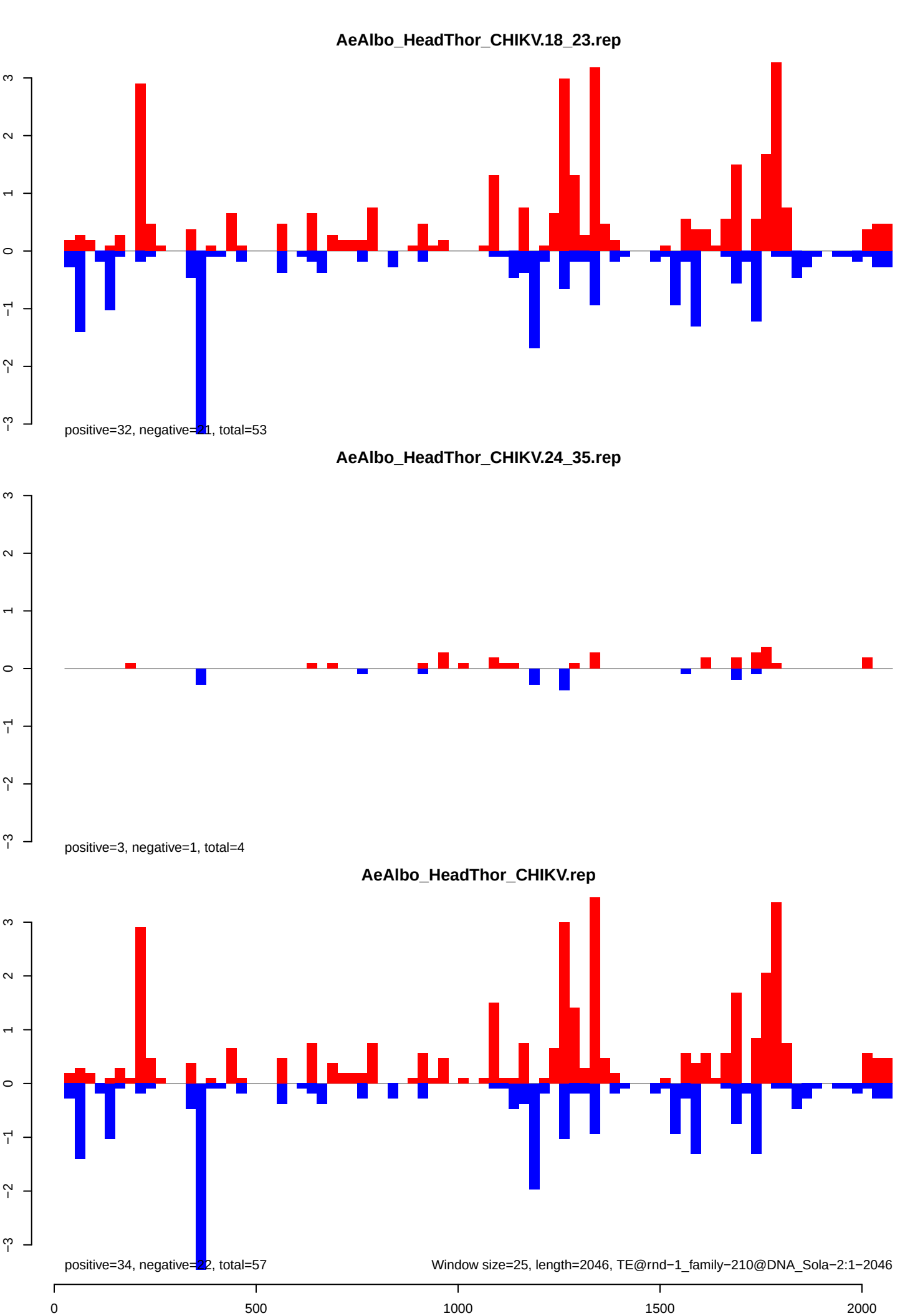

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
positive=14, negative=8, total=22
Window size=25, length=11009, TE@ltr−1_family−4935@LTR_Gypsy:1−11009
0
2000
4000
6000
8000
10000

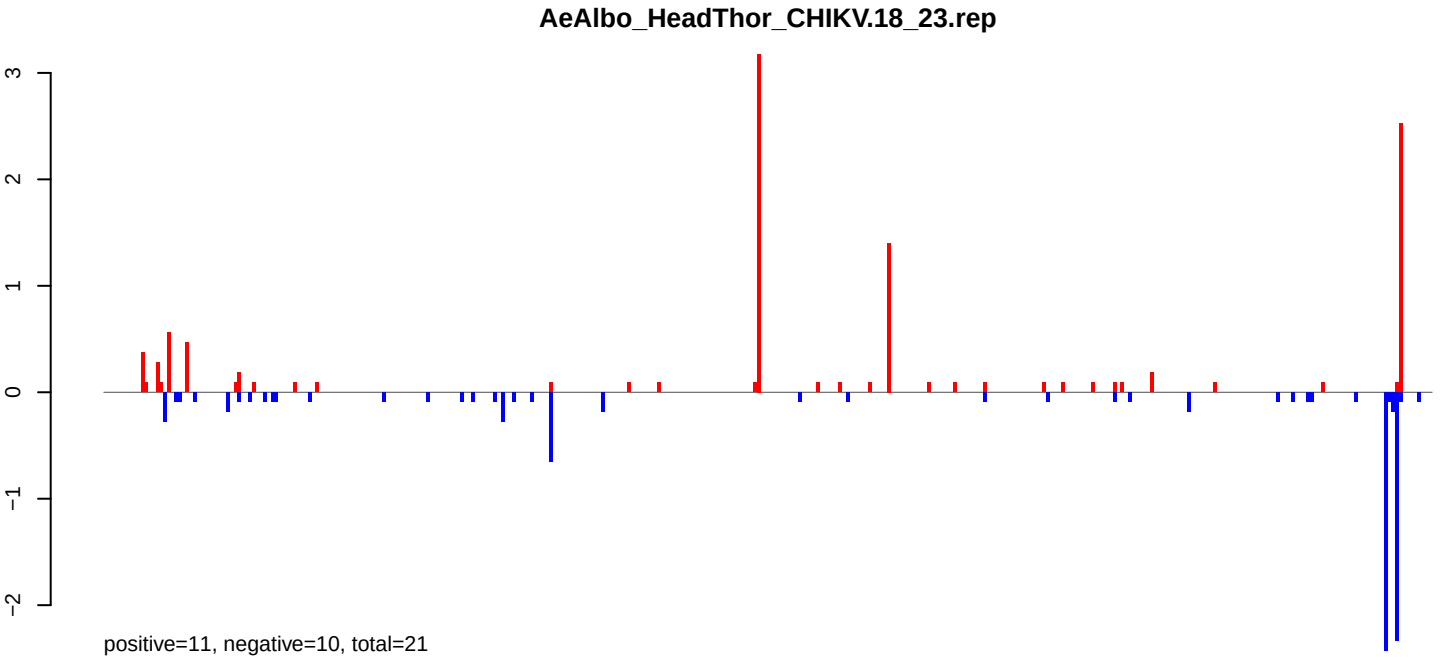

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=29, negative=15, total=44
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=30, negative=16, total=46
Window size=25, length=4009, TE@ltr−1_family−4625@DNA_hAT−hATm:1−4009
6
4
2
0
−2
0
1000
2000
3000
4000

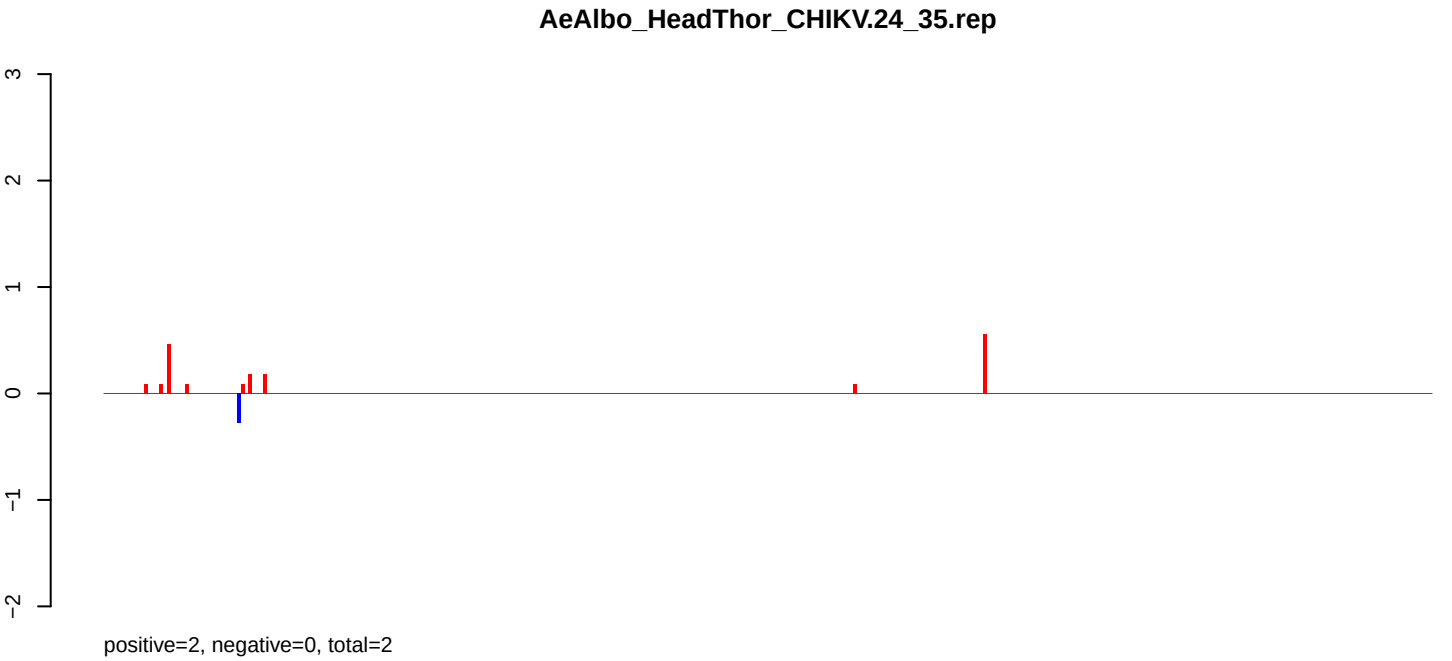

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=18, negative=35, total=53
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=21, negative=36, total=57
Window size=25, length=4094, TE@ltr−1_family−4396@DNA_Kolobok−E:1−4094
0
1000
2000
3000
4000

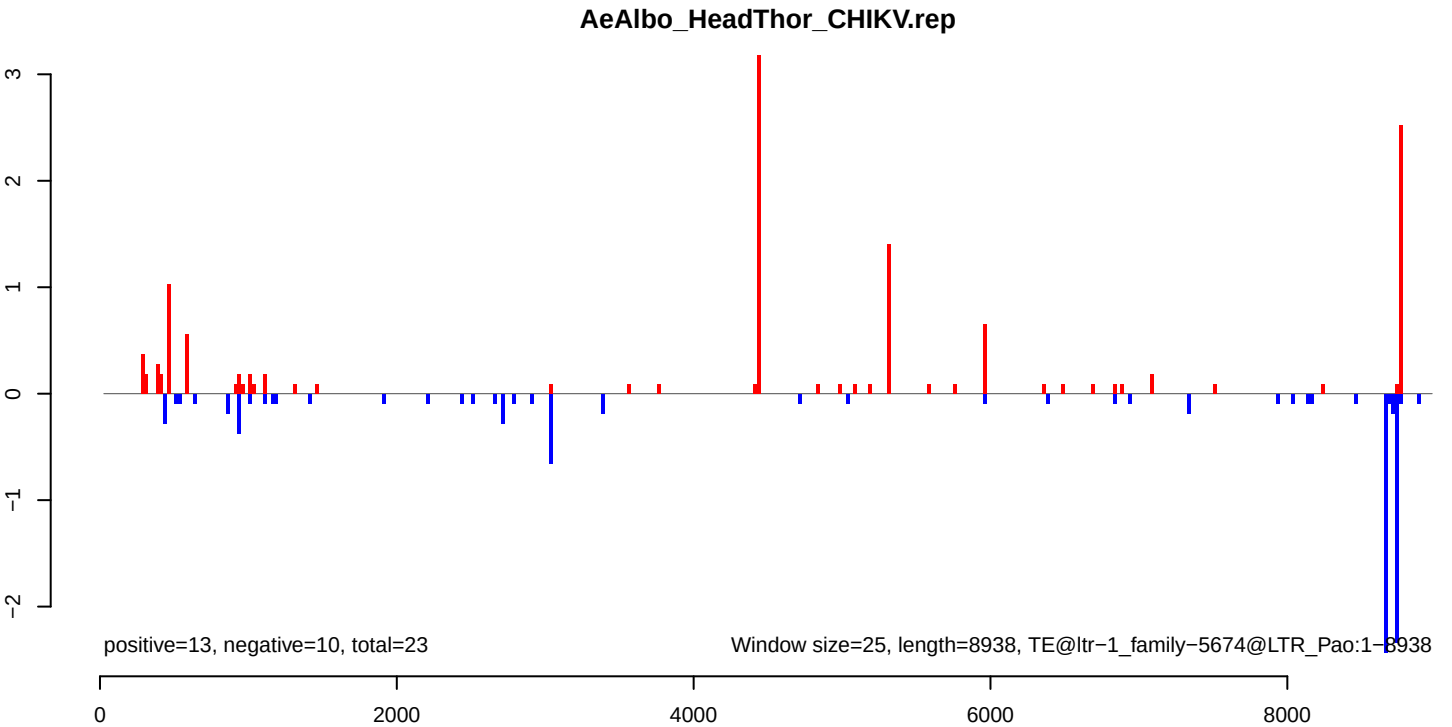

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
−200
−250
−300
positive=42, negative=14, total=55
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
−200
−250
−300
positive=1, negative=389, total=390
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
−200
−250
−300
positive=43, negative=403, total=445
Window size=25, length=6014, TE@ltr−1_family−3783@LTR_Gypsy:1−6014
0
1000
2000
3000
4000
5000
6000

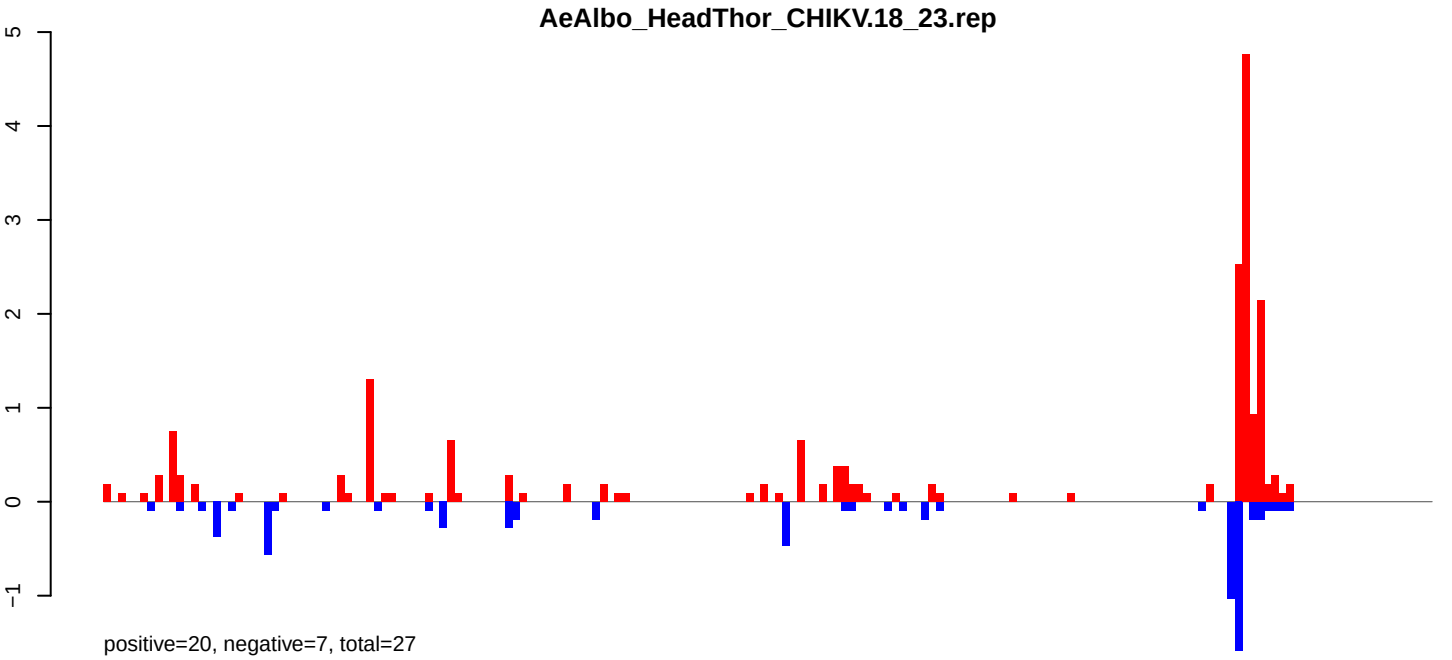

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=36, negative=19, total=55
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=39, negative=20, total=59
Window size=25, length=1883, TE@rnd−1_family−56@Satellite:1−1883
0
500
1000
1500
2000

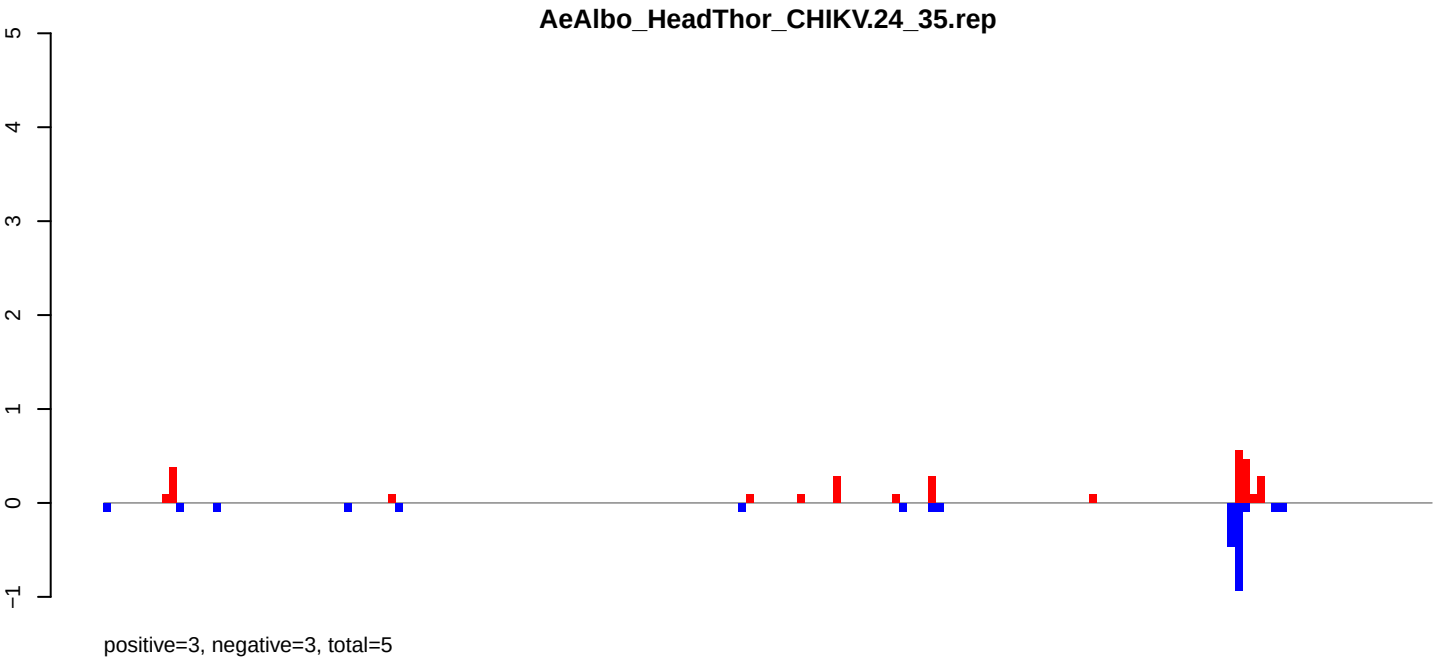

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=32, negative=21, total=53
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=34, negative=22, total=57
Window size=25, length=2046, TE@rnd−1_family−210@DNA_Sola−2:1−2046
0
500
1000
1500
2000

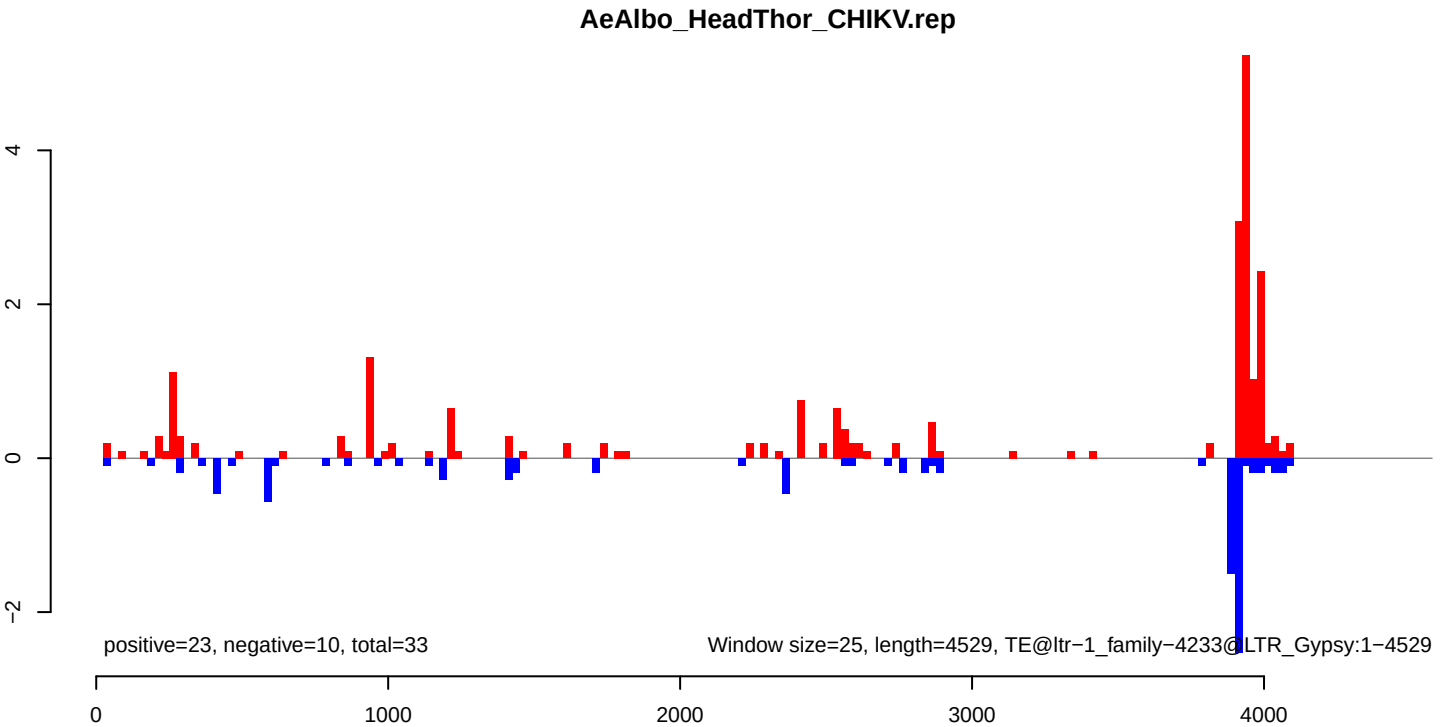

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
−2
positive=11, negative=10, total=21

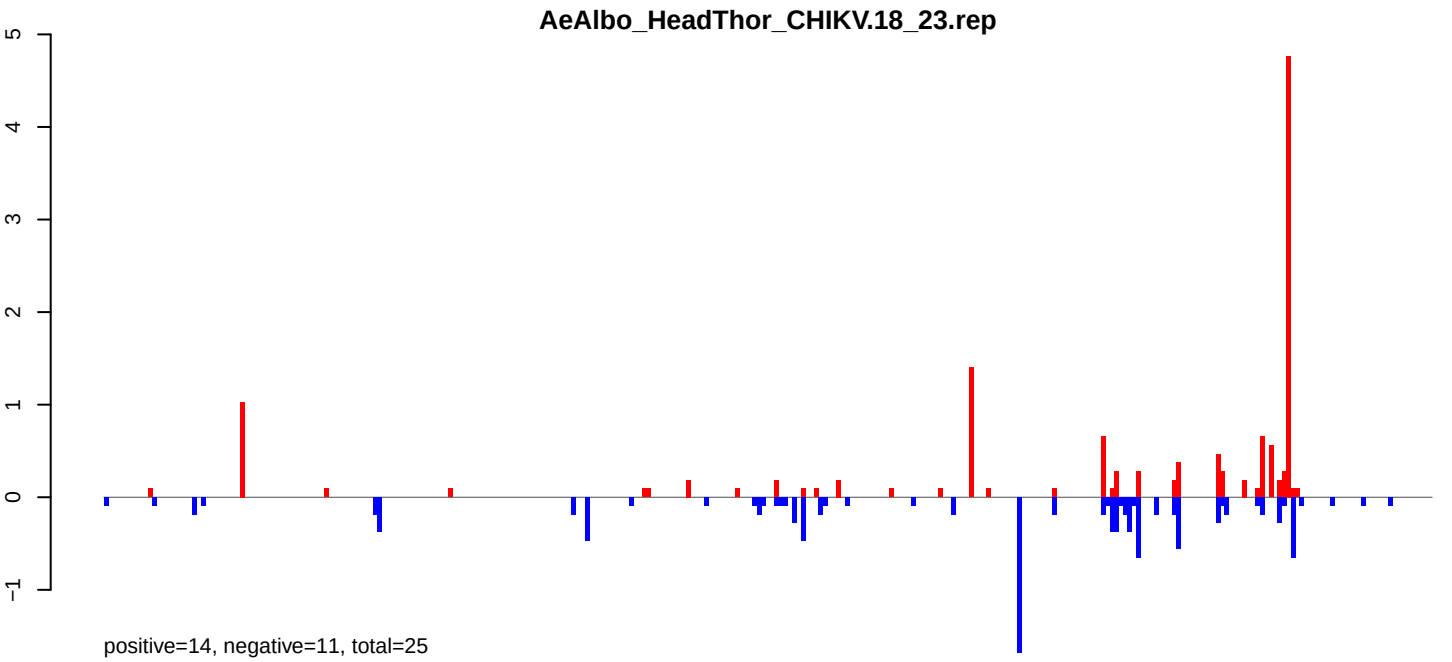

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
−2
positive=2, negative=0, total=2

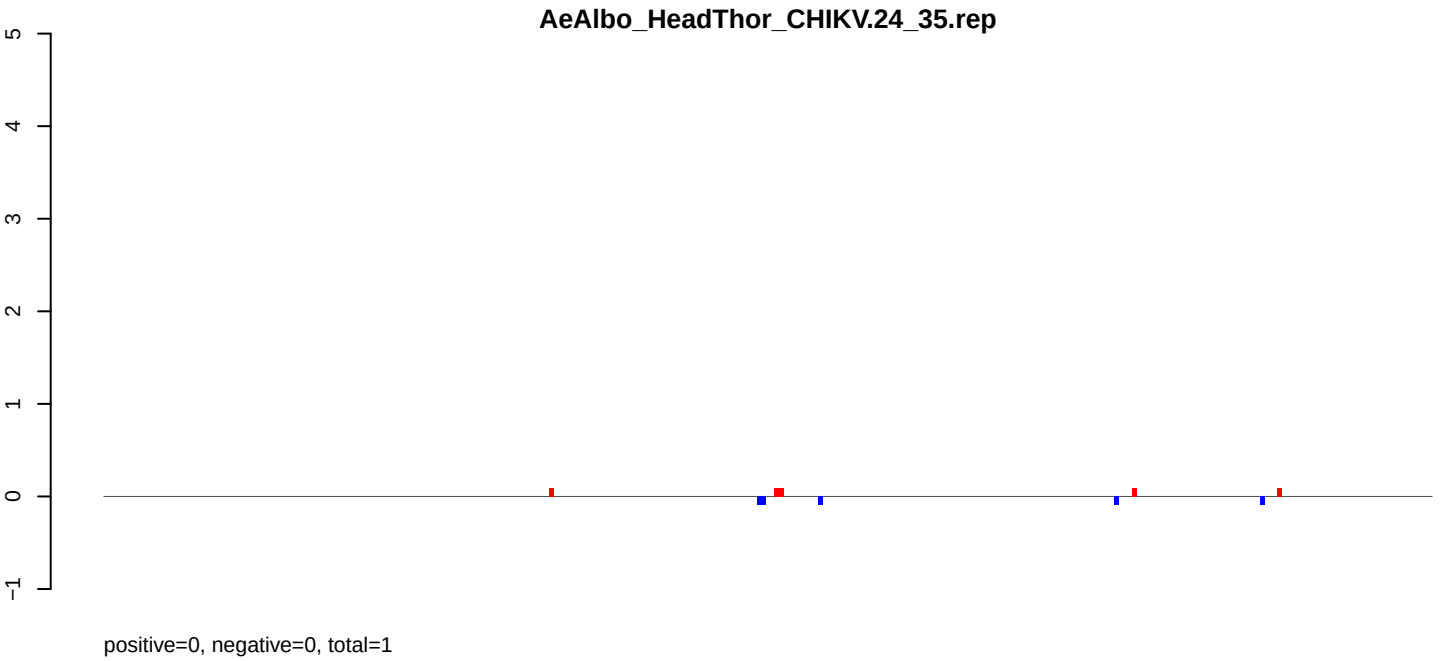

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
−2
positive=13, negative=10, total=23
Window size=25, length=8938, TE@ltr−1_family−5674@LTR_Pao:1−8938
0
2000
4000
6000
8000

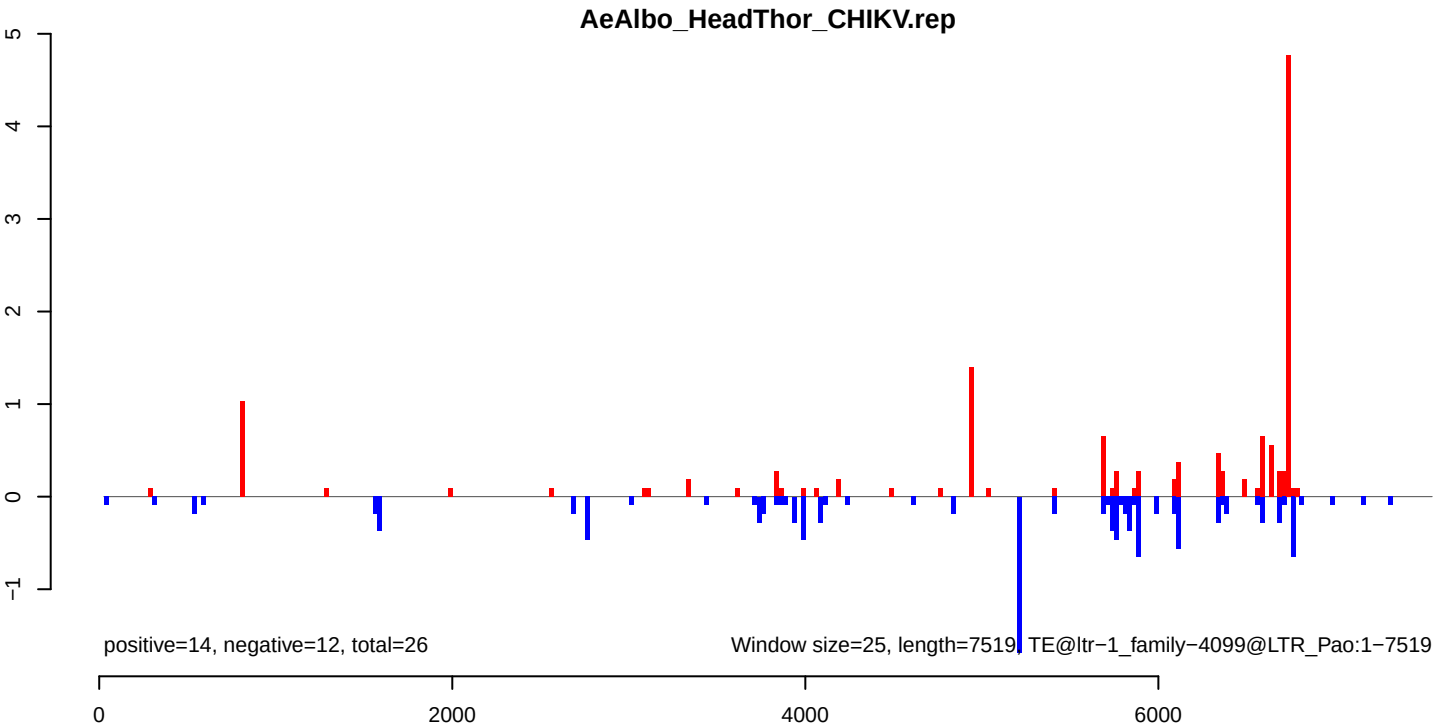

AeAlbo_HeadThor_CHIKV.18_23.rep
5
4
3
2
1
0
−1
positive=20, negative=7, total=27

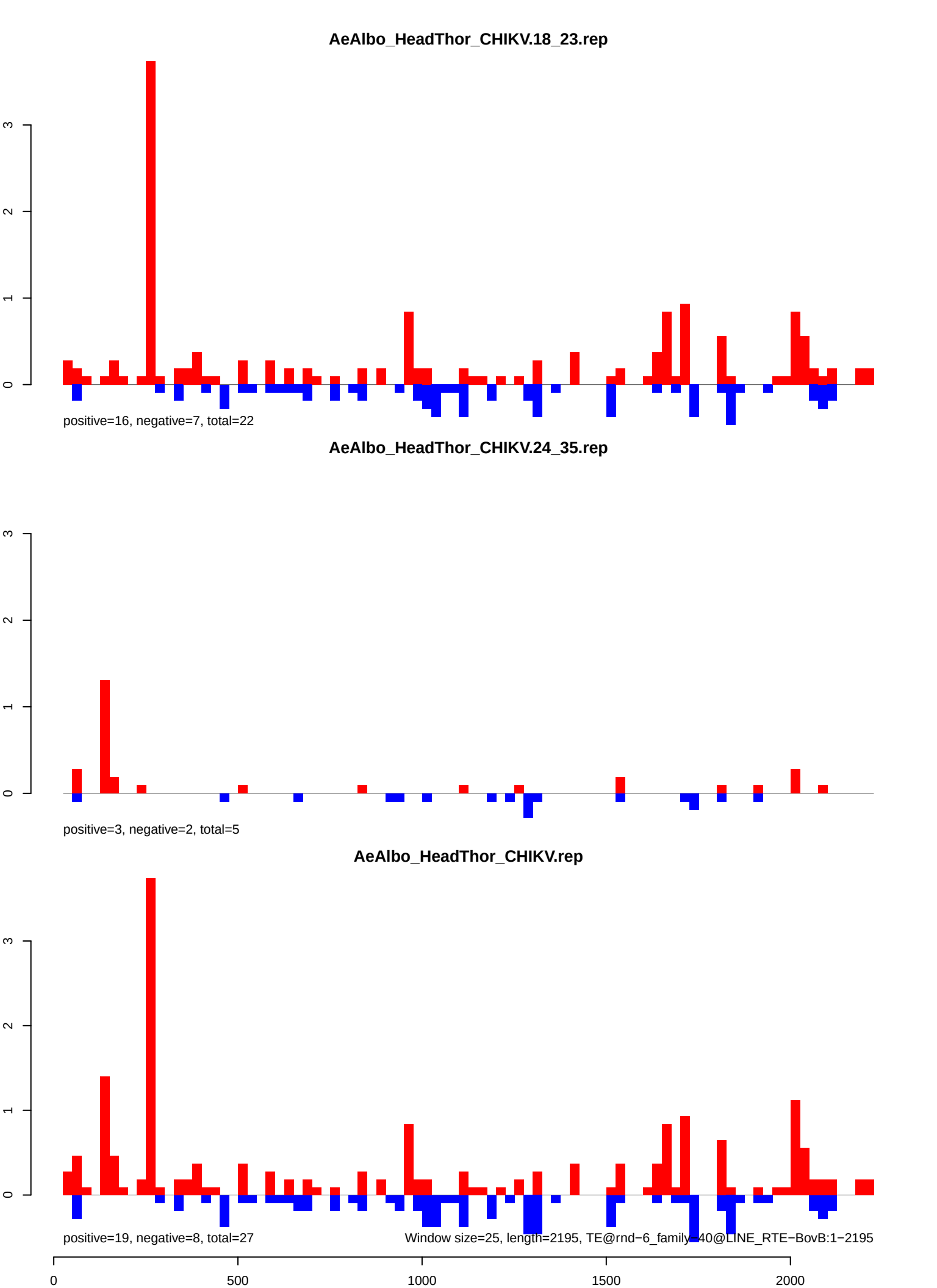

AeAlbo_HeadThor_CHIKV.24_35.rep
5
4
3
2
1
0
−1
positive=3, negative=3, total=5

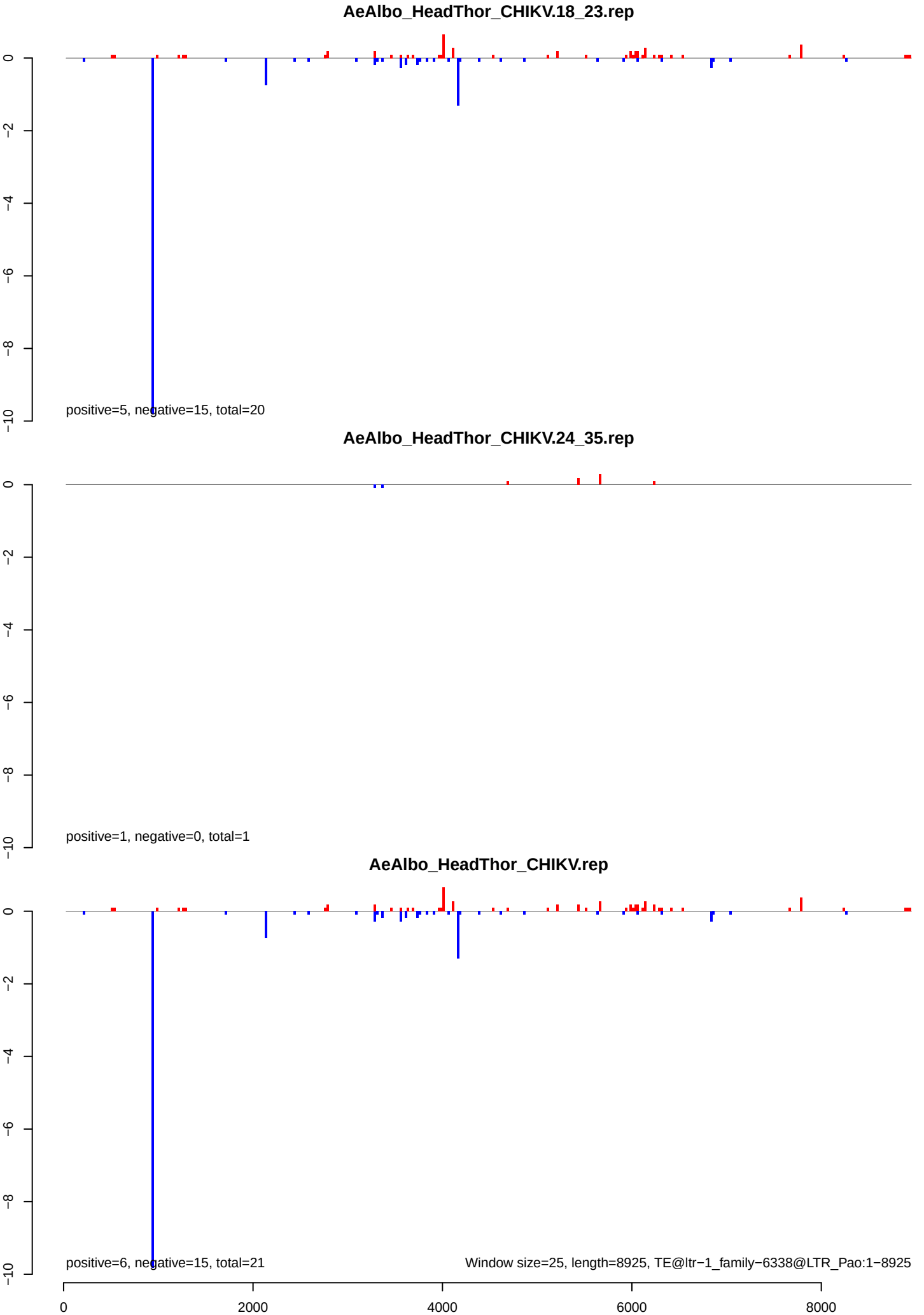

AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
positive=23, negative=10, total=33
Window size=25, length=4529, TE@ltr−1_family−4233@LTR_Gypsy:1−4529
0
1000
2000
3000
4000

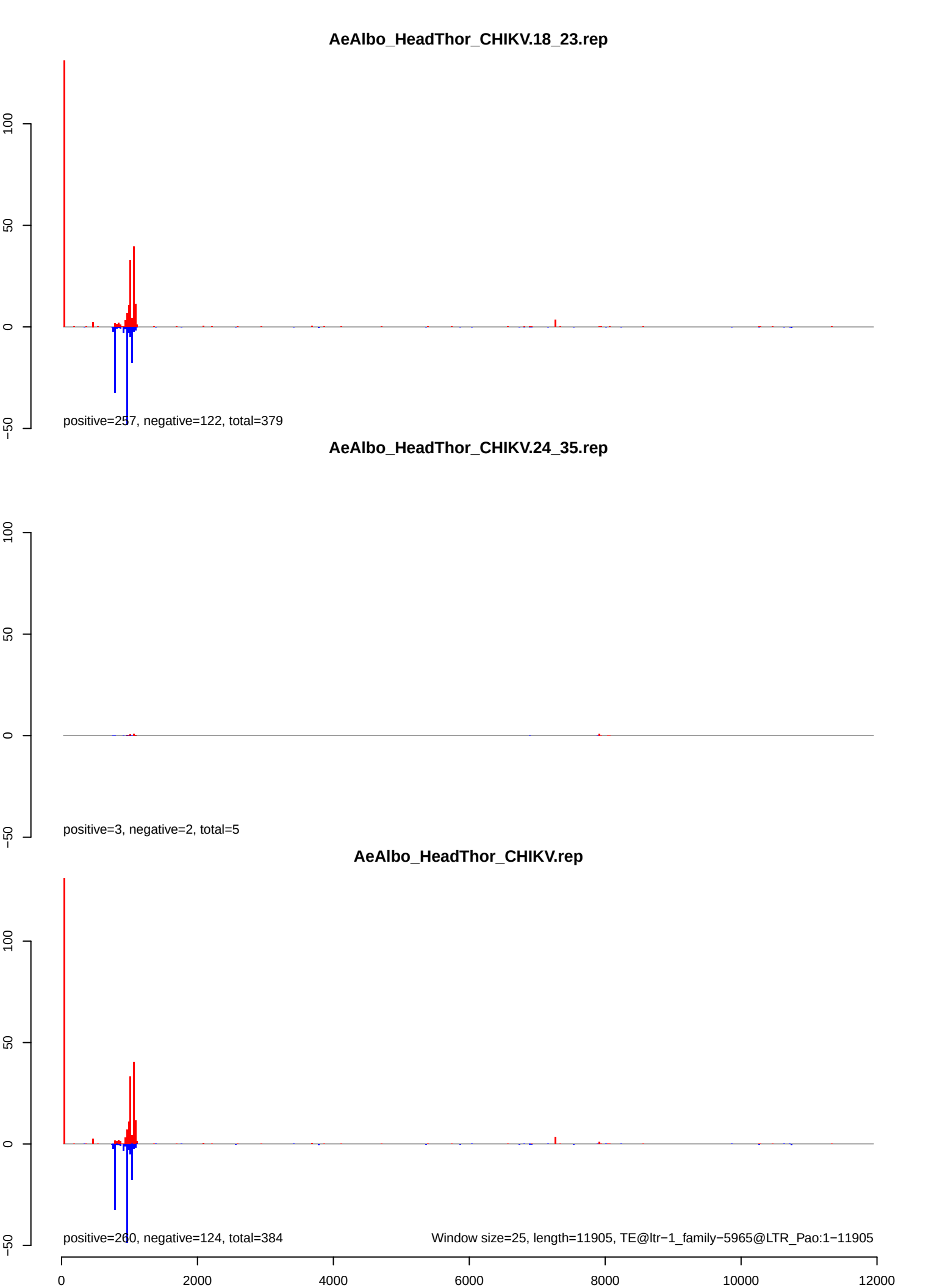

AeAlbo_HeadThor_CHIKV.18_23.rep
5
4
3
2
1
0
−1
positive=14, negative=11, total=25

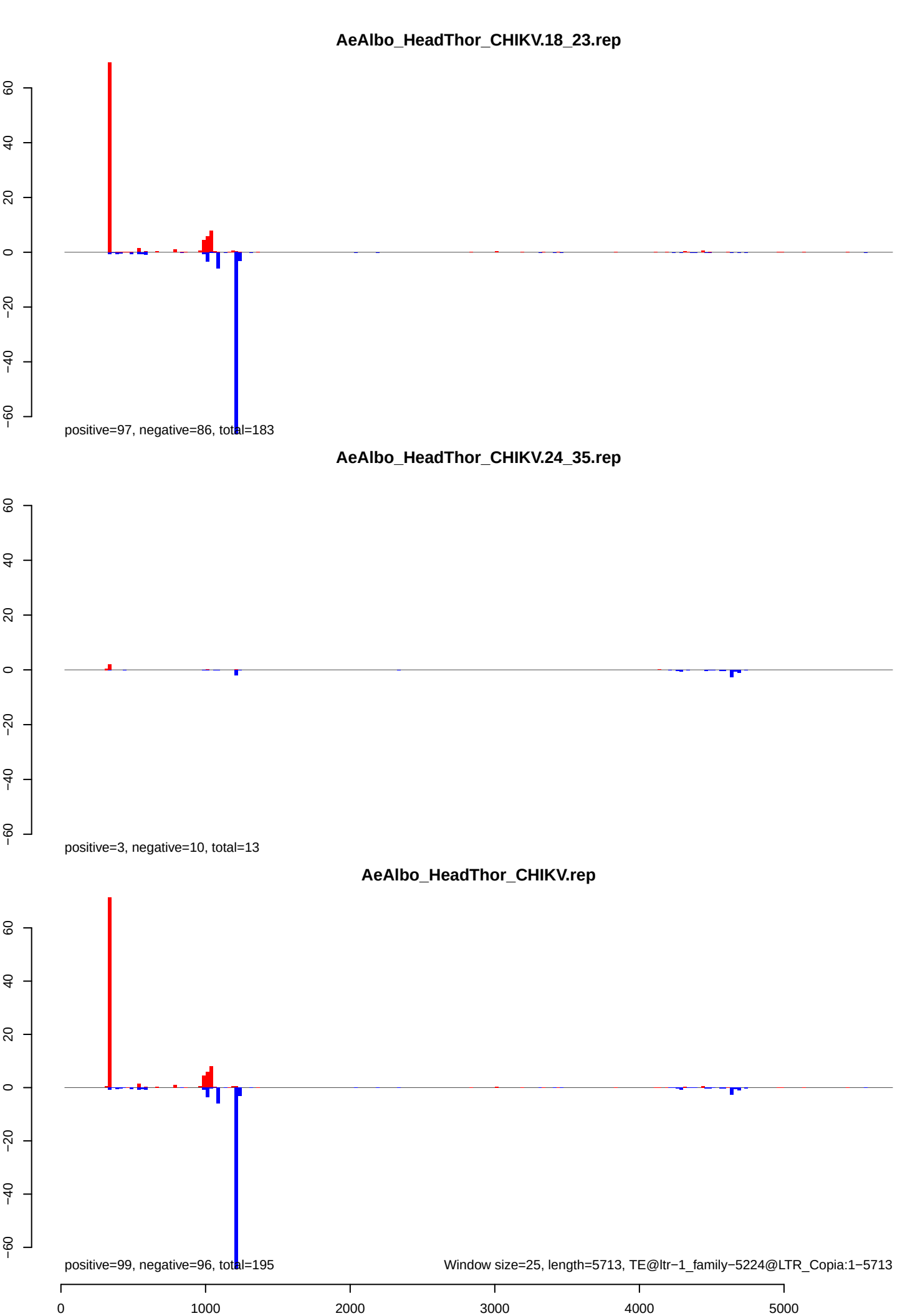

AeAlbo_HeadThor_CHIKV.24_35.rep
5
4
3
2
1
0
−1
positive=0, negative=0, total=1

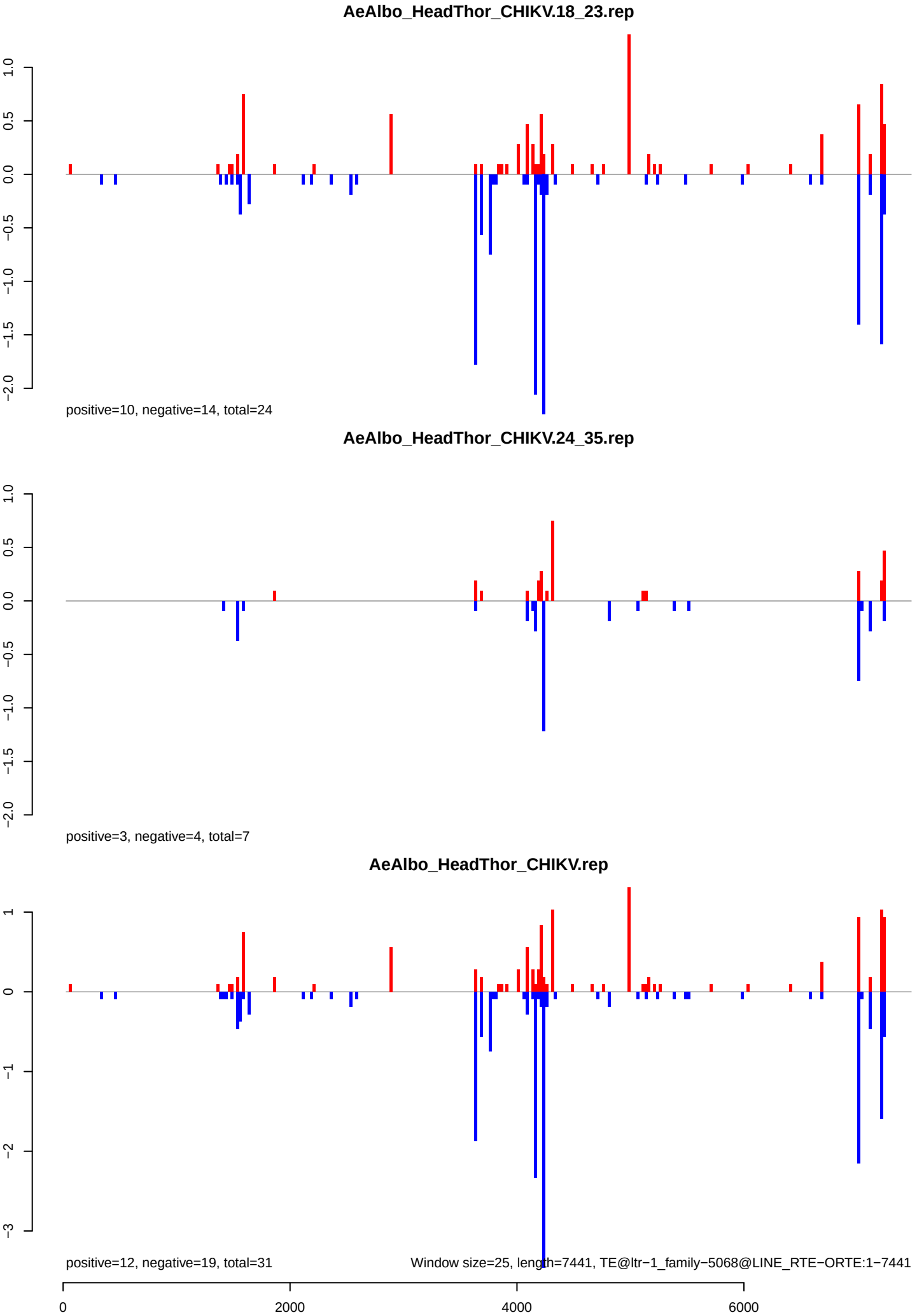

AeAlbo_HeadThor_CHIKV.rep
5
4
3
2
1
0
−1
positive=14, negative=12, total=26
Window size=25, length=7519, TE@ltr−1_family−4099@LTR_Pao:1−7519
0
2000
4000
6000

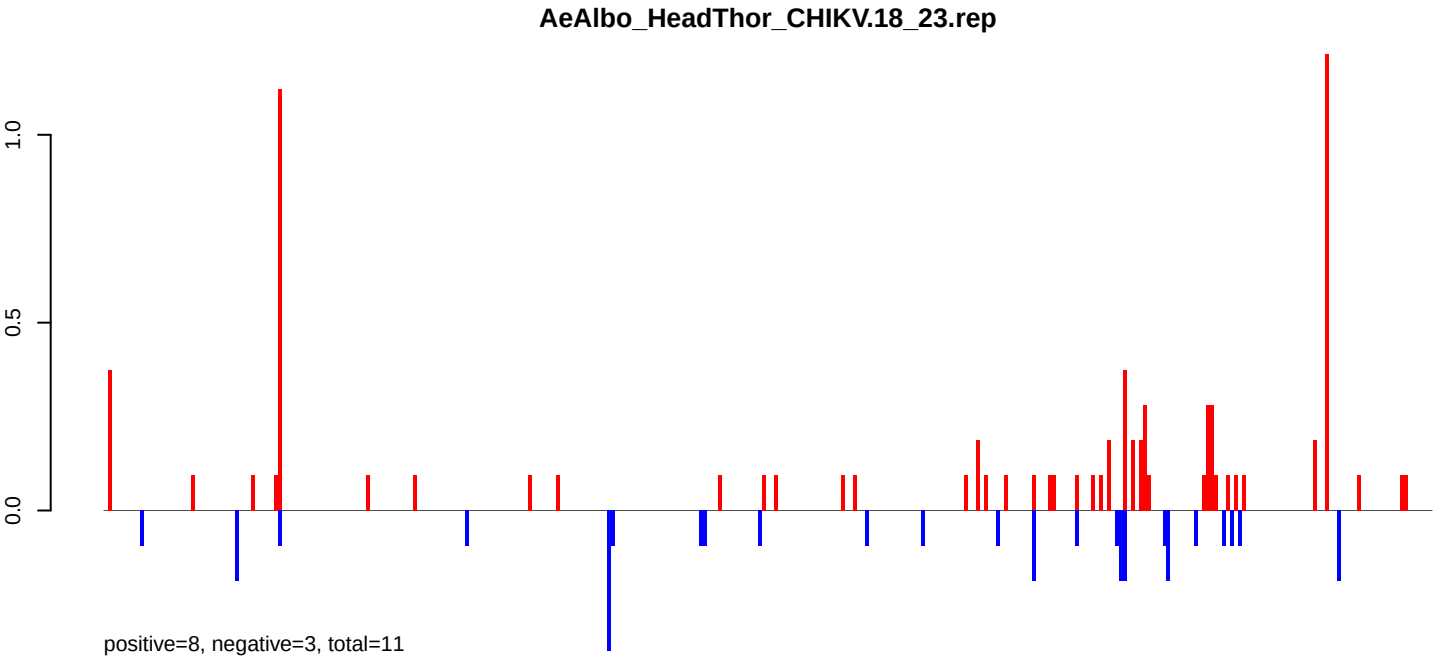

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=7, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=8, total=27
Window size=25, length=2195, TE@rnd−6_family−40@LINE_RTE−BovB:1−2195
0
500
1000
1500
2000

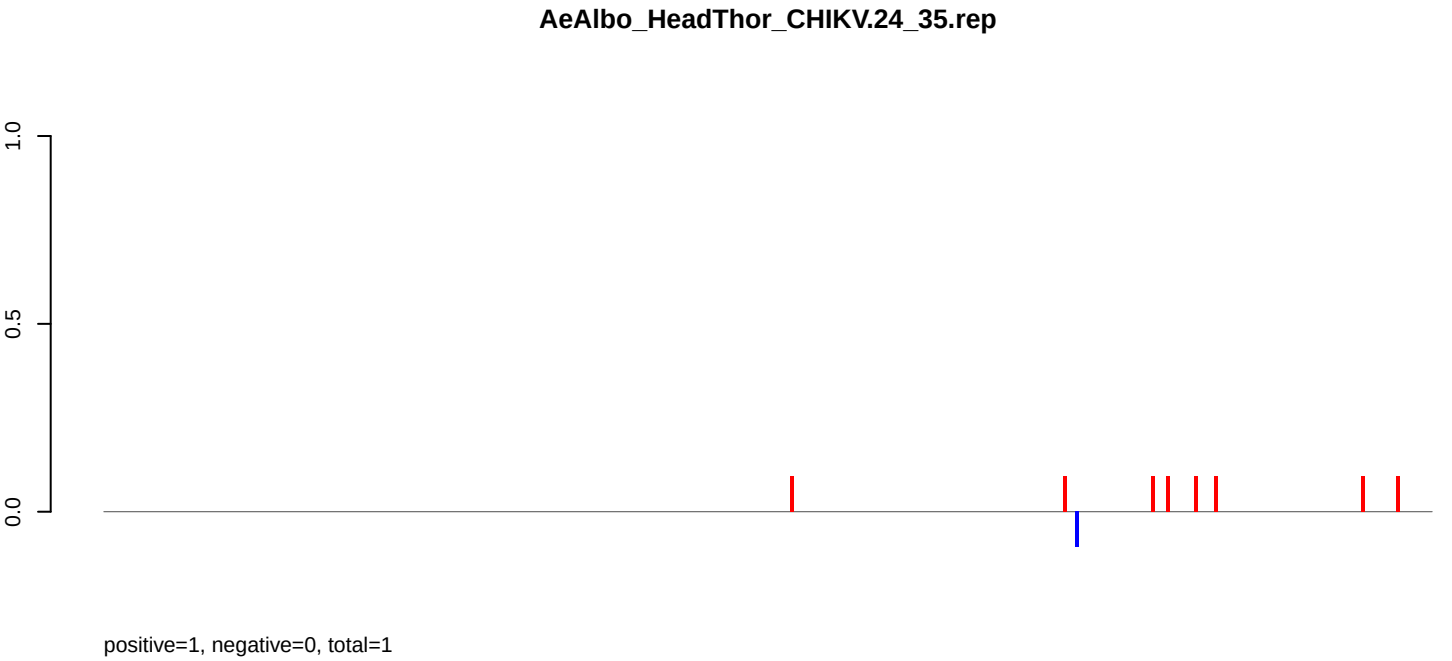

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
positive=5, negative=15, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
positive=6, negative=15, total=21
Window size=25, length=8925, TE@ltr−1_family−6338@LTR_Pao:1−8925
0
2000
4000
6000
8000

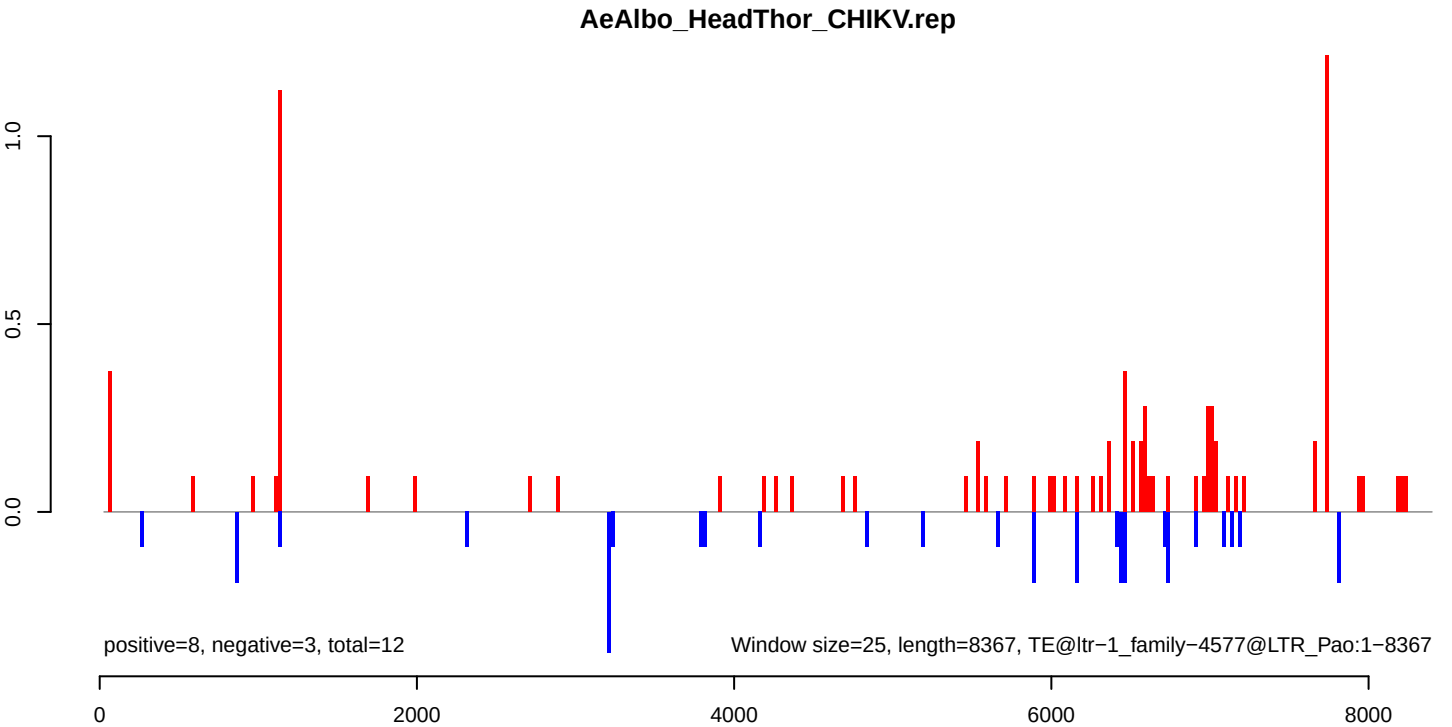

AeAlbo_HeadThor_CHIKV.18_23.rep
100
50
0
−50
positive=257, negative=122, total=379
AeAlbo_HeadThor_CHIKV.24_35.rep
100
50
0
−50
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.rep
100
50
0
−50
positive=260, negative=124, total=384
Window size=25, length=11905, TE@ltr−1_family−5965@LTR_Pao:1−11905
0
2000
4000
6000
8000
10000
12000

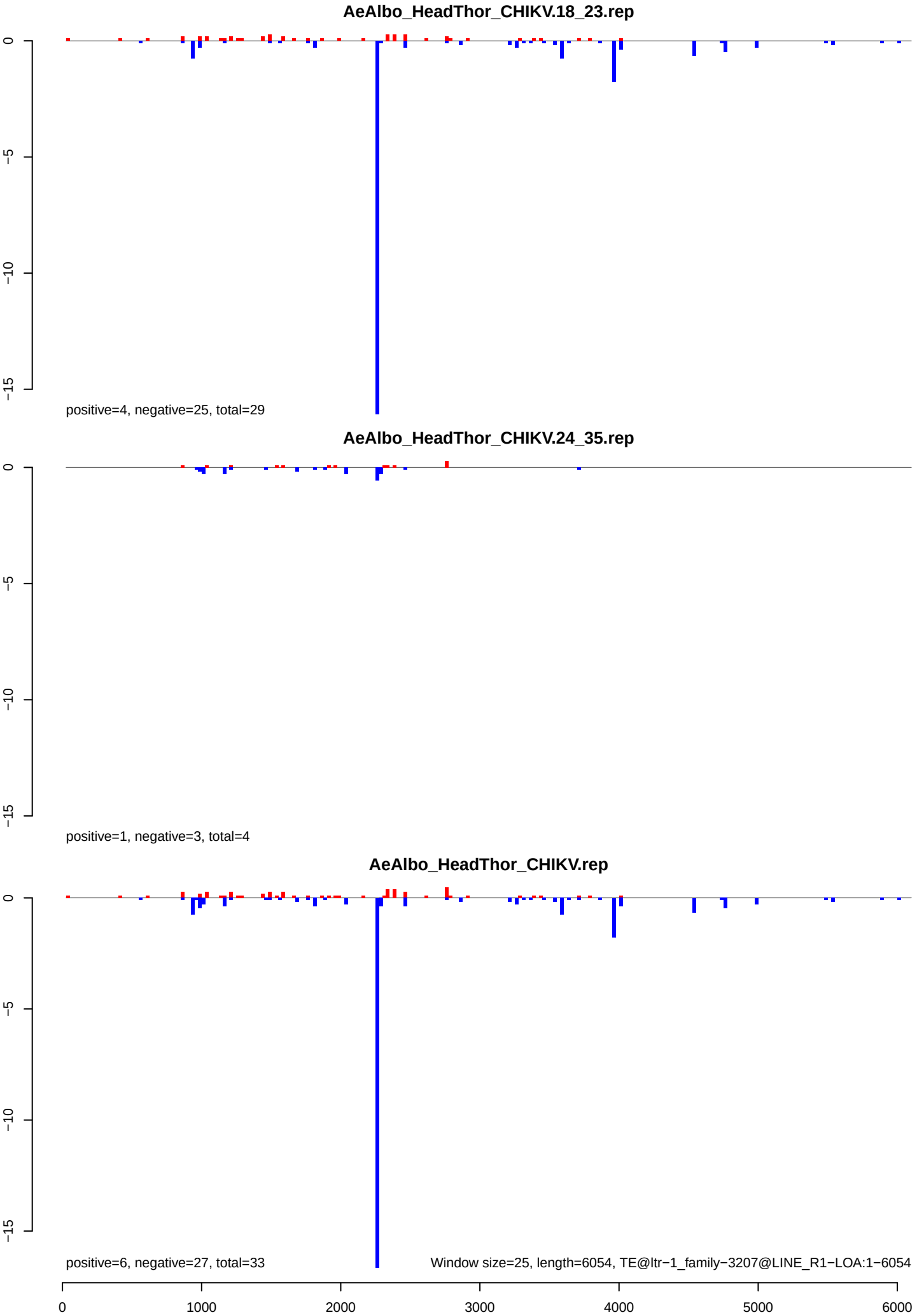

AeAlbo_HeadThor_CHIKV.18_23.rep
60
40
20
0
−20
−40
−60
positive=97, negative=86, total=183
AeAlbo_HeadThor_CHIKV.24_35.rep
60
40
20
0
−20
−40
−60
positive=3, negative=10, total=13
AeAlbo_HeadThor_CHIKV.rep
60
40
20
0
−20
−40
−60
positive=99, negative=96, total=195
Window size=25, length=5713, TE@ltr−1_family−5224@LTR_Copia:1−5713
0
1000
2000
3000
4000
5000

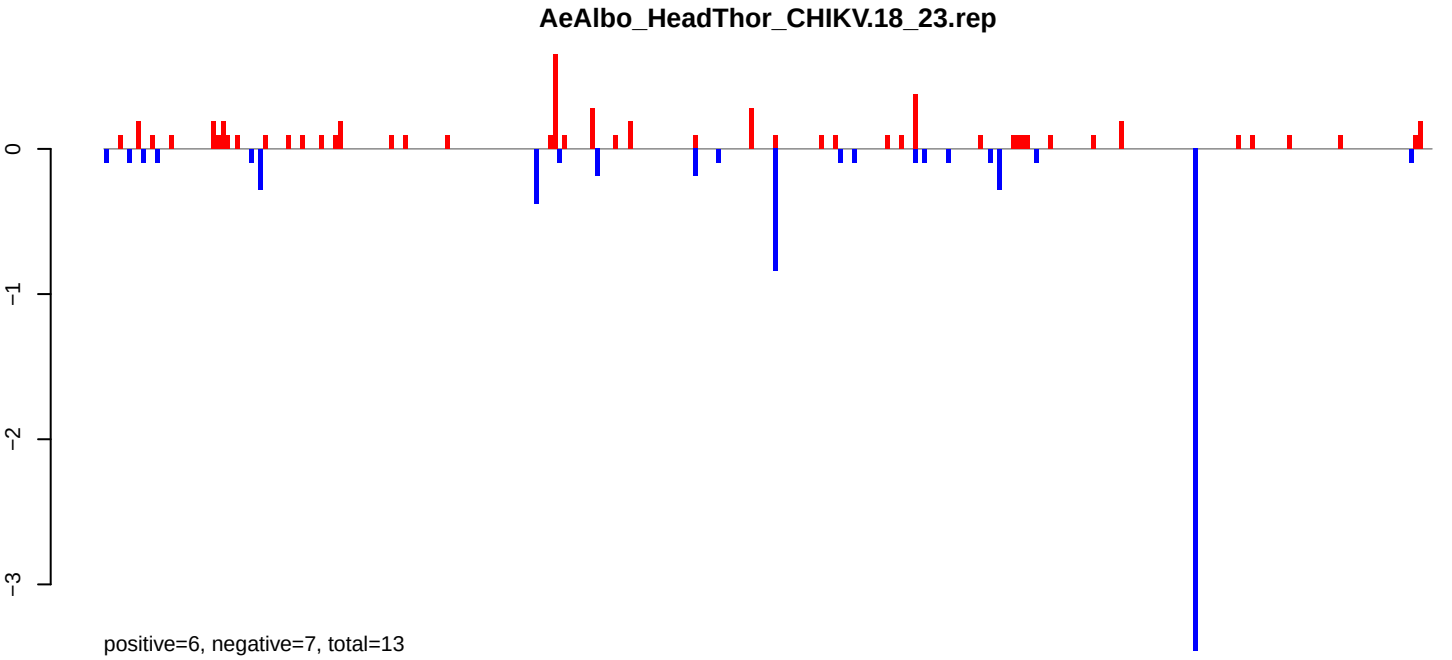

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=10, negative=14, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
positive=12, negative=19, total=31
Window size=25, length=7441, TE@ltr−1_family−5068@LINE_RTE−ORTE:1−7441
0
2000
4000
6000

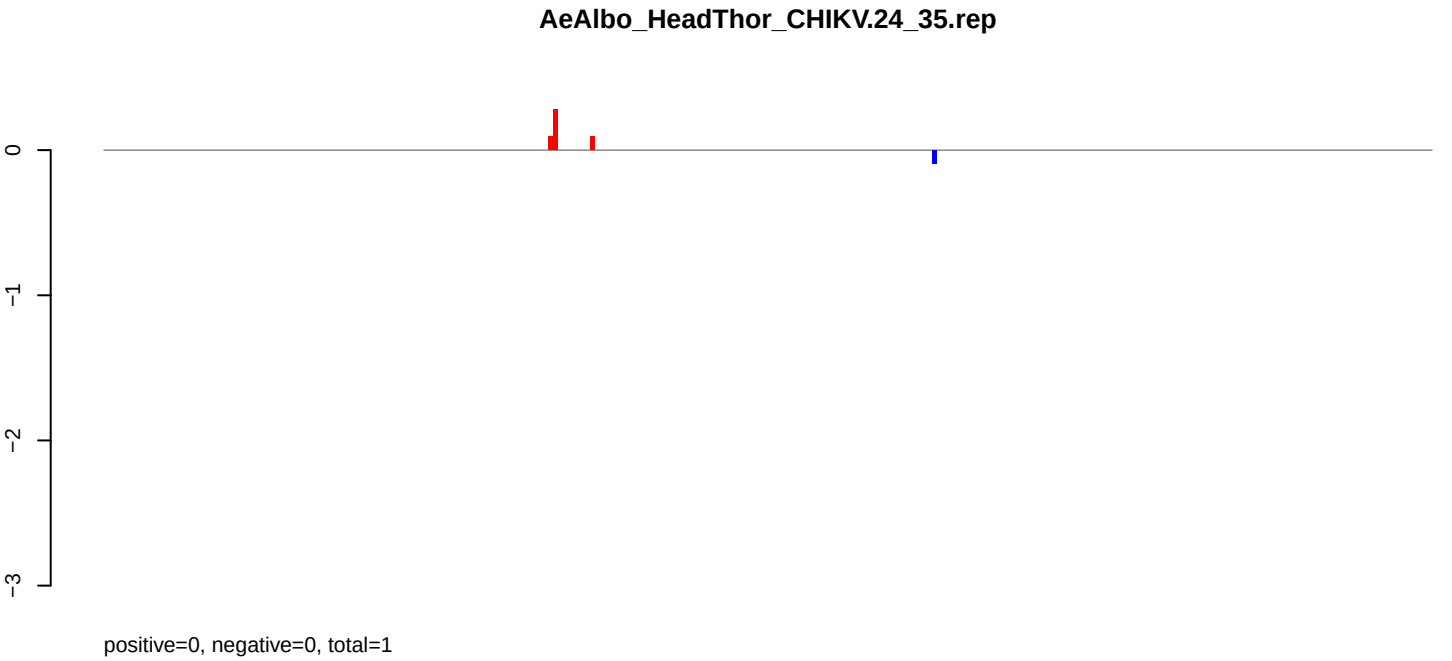

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=8, negative=3, total=11

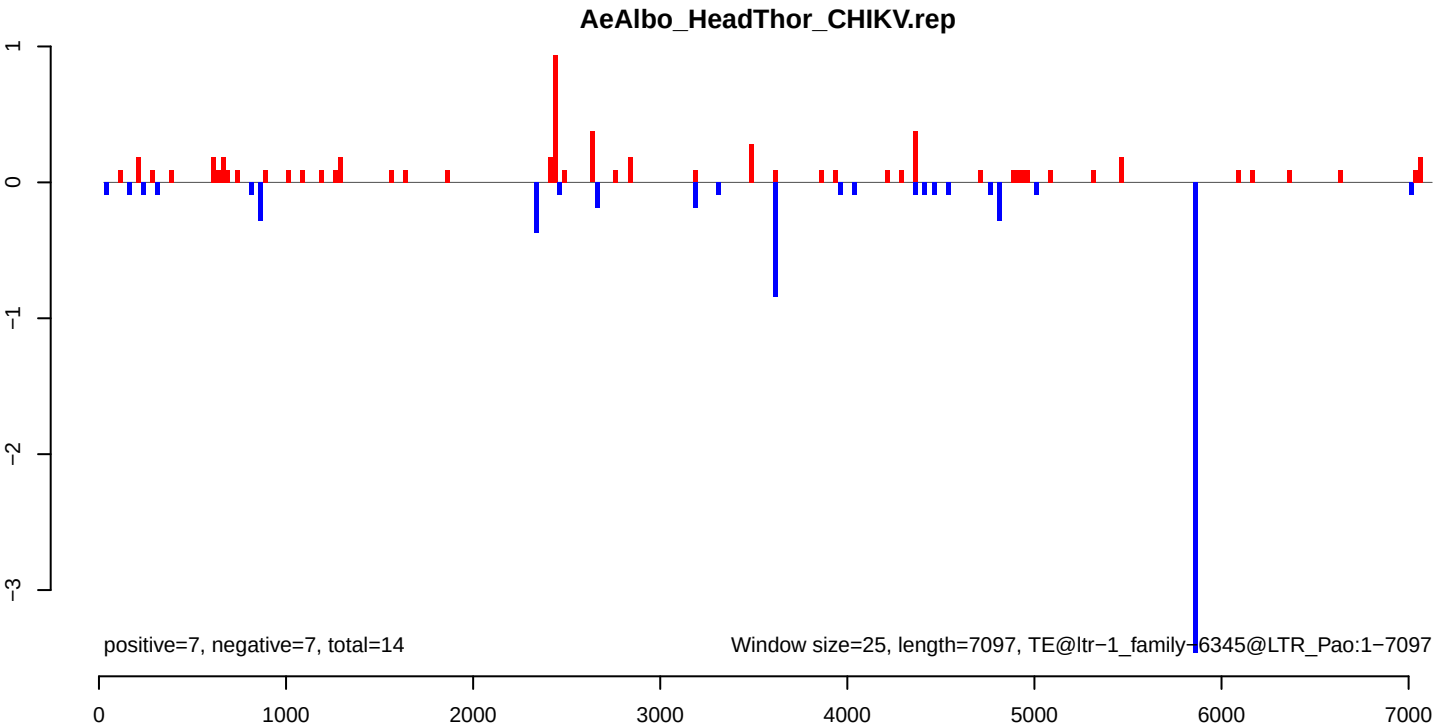

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=1, negative=0, total=1

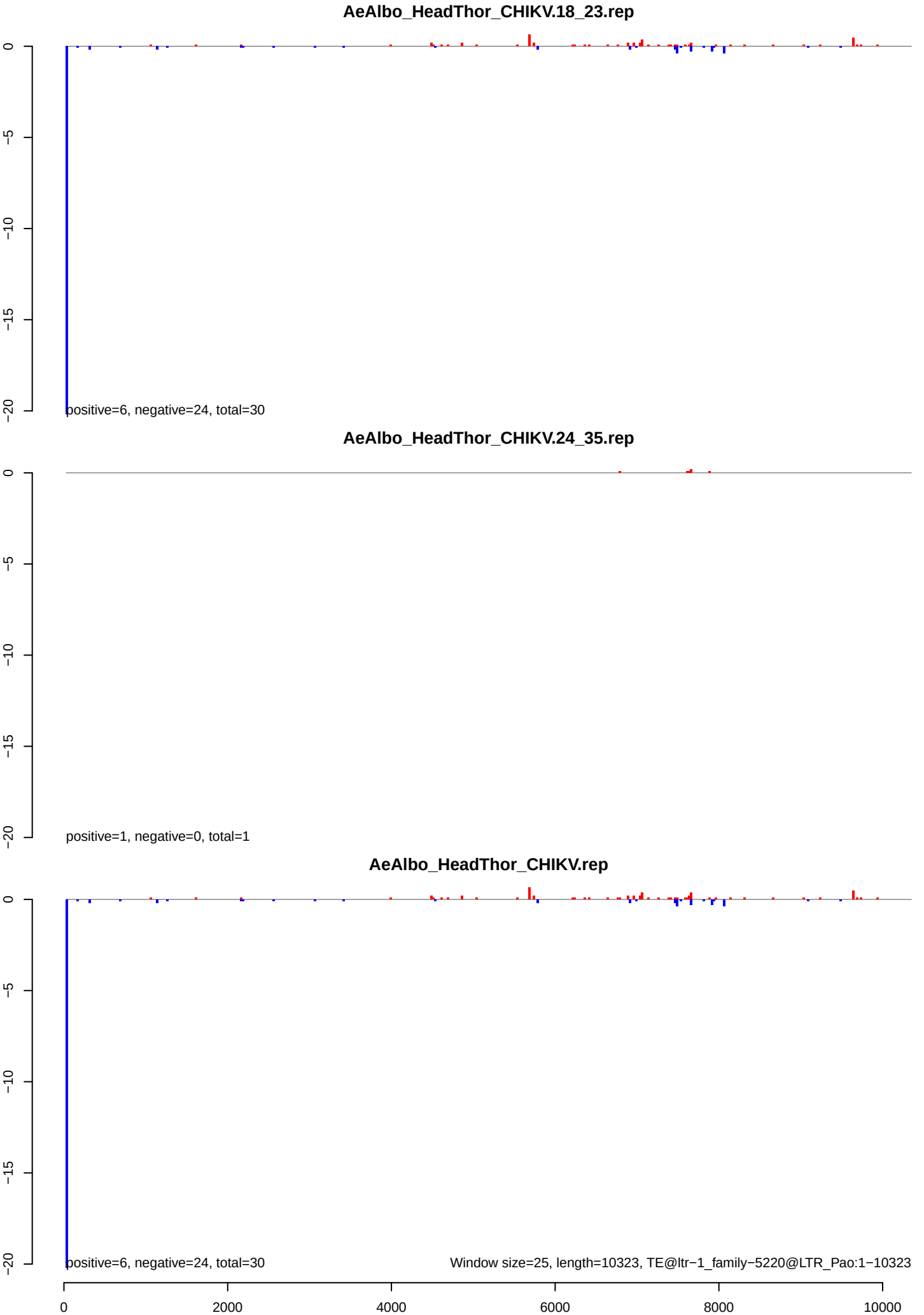

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=8, negative=3, total=12
Window size=25, length=8367, TE@ltr−1_family−4577@LTR_Pao:1−8367
0
2000
4000
6000
8000

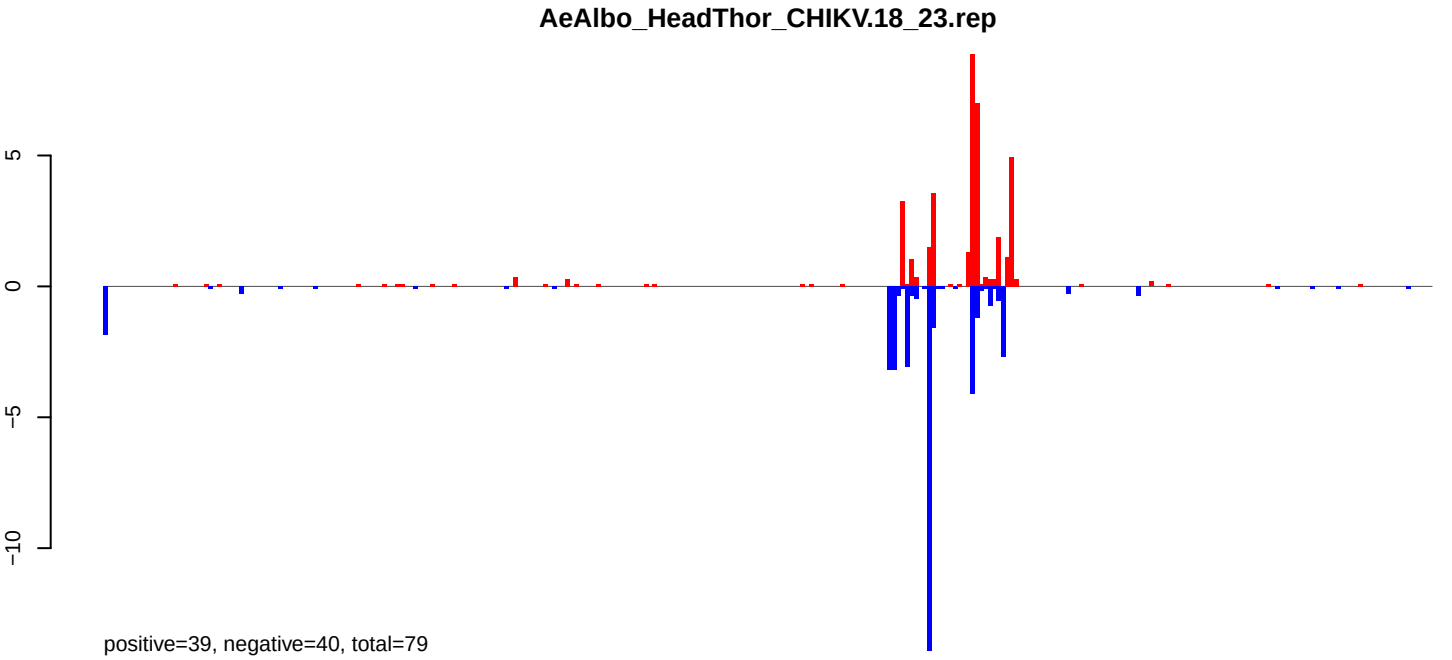

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=4, negative=25, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=6, negative=27, total=33
Window size=25, length=6054, TE@ltr−1_family−3207@LINE_R1−LOA:1−6054
0
1000
2000
3000
4000
5000
6000

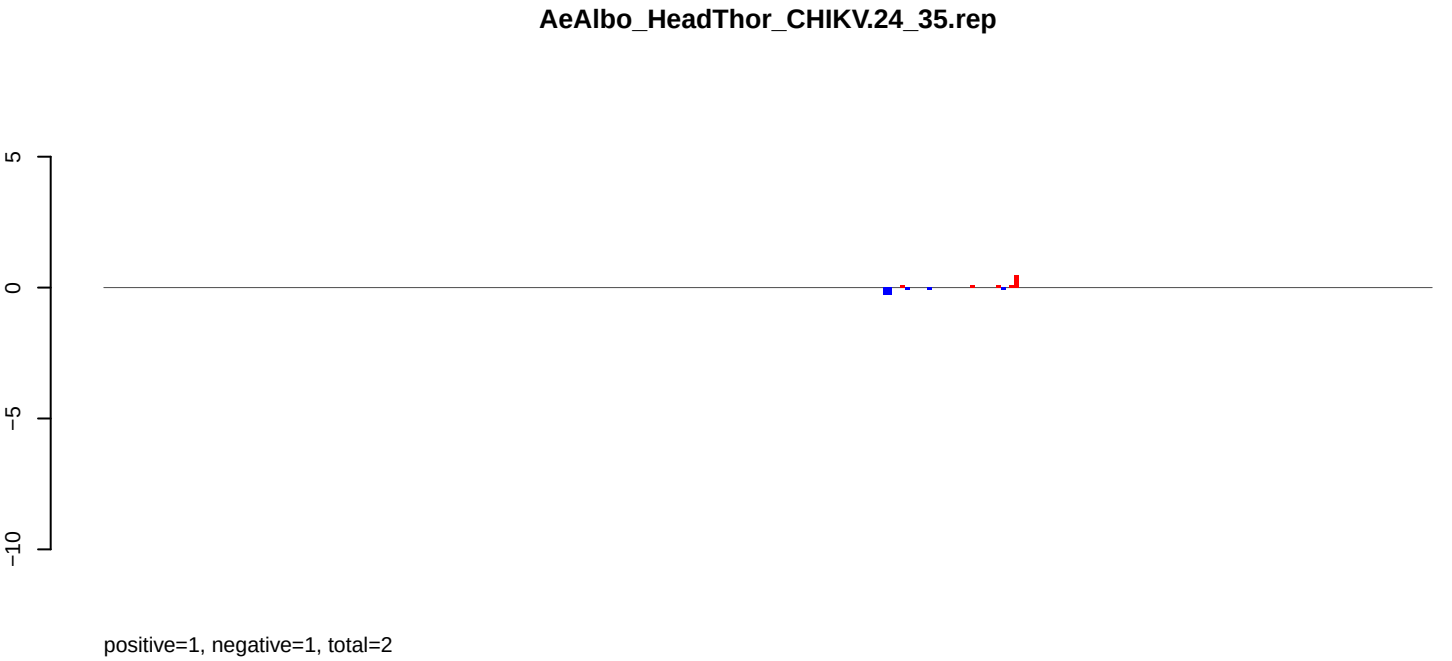

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=6, negative=7, total=13

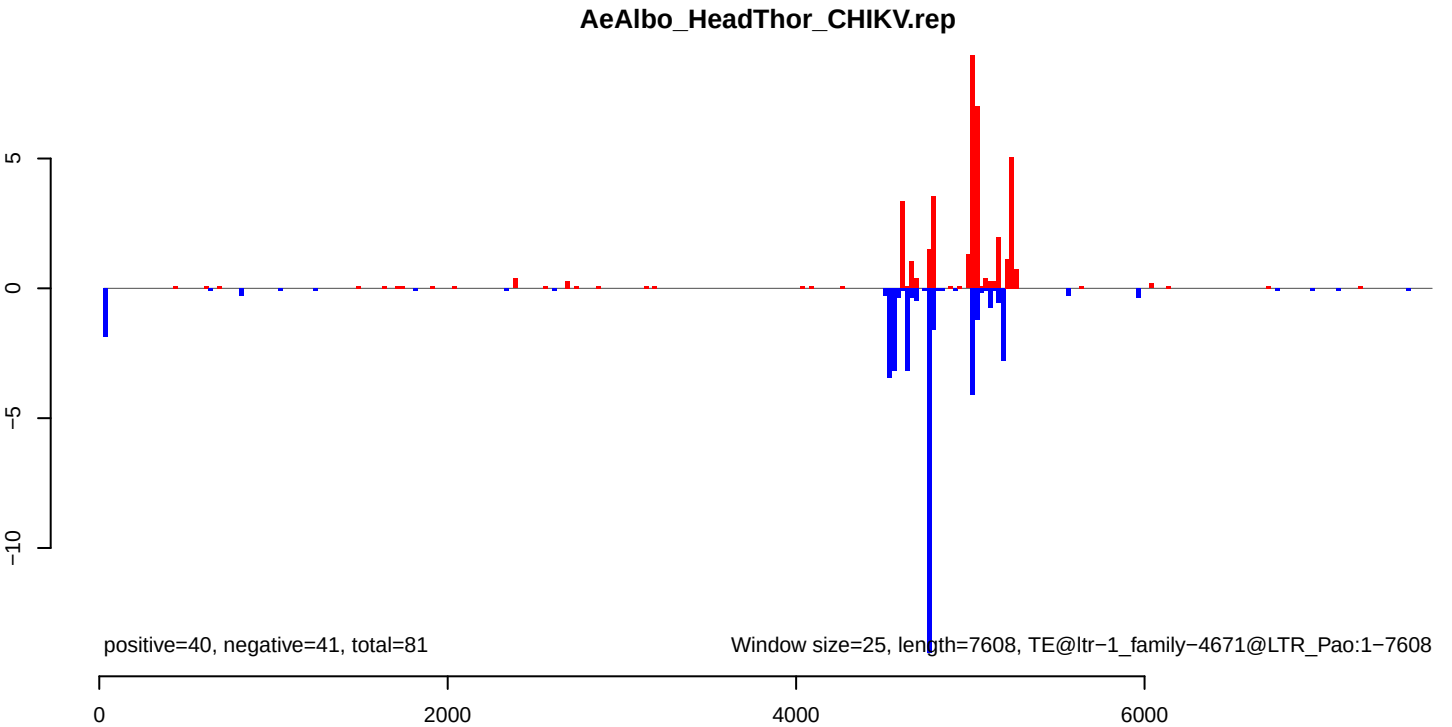

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=1

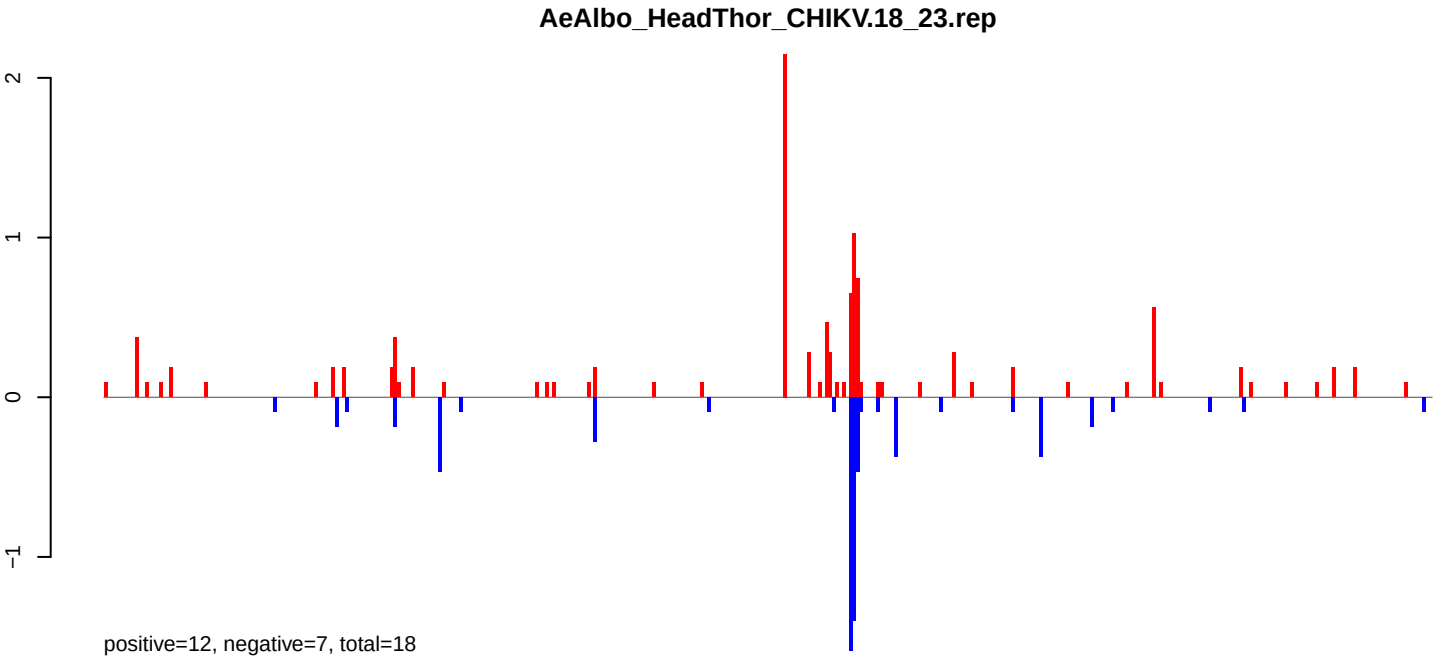

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
positive=7, negative=7, total=14
Window size=25, length=7097, TE@ltr−1_family−6345@LTR_Pao:1−7097
0
1000
2000
3000
4000
5000
6000
7000

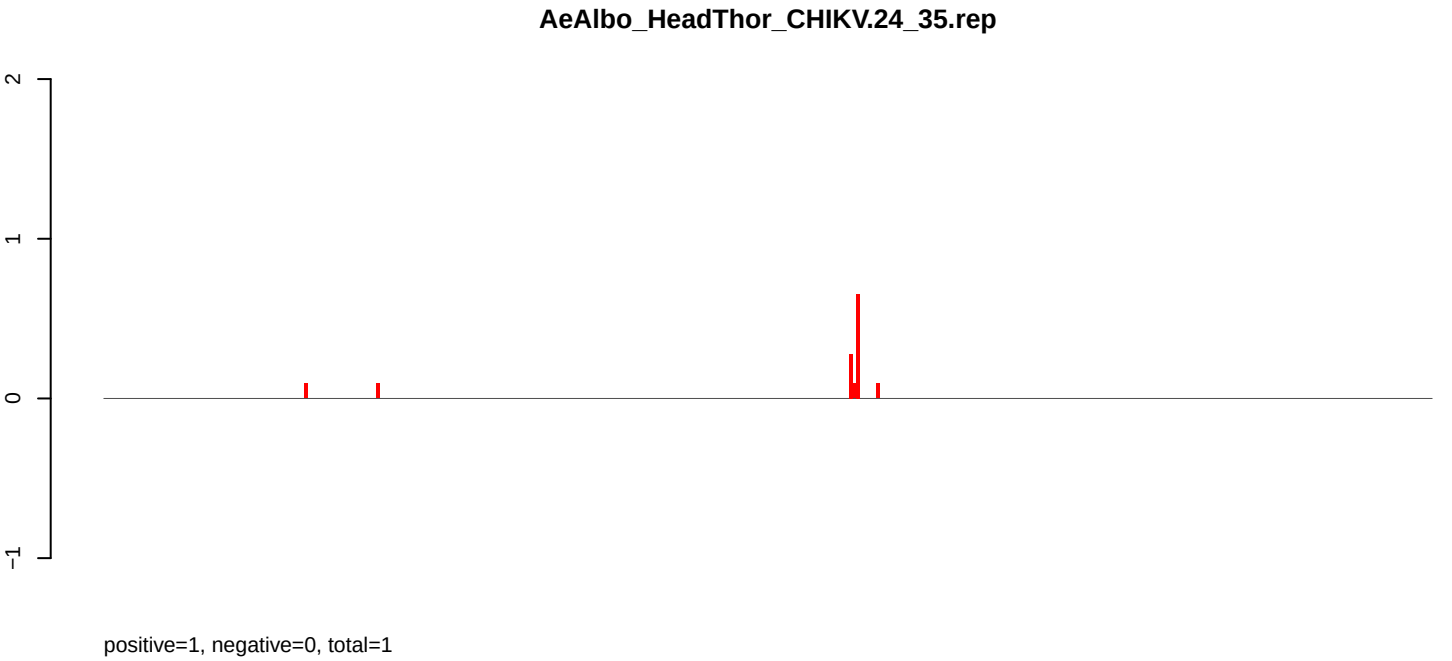

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=6, negative=24, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=6, negative=24, total=30
Window size=25, length=10323, TE@ltr−1_family−5220@LTR_Pao:1−10323
0
2000
4000
6000
8000
10000

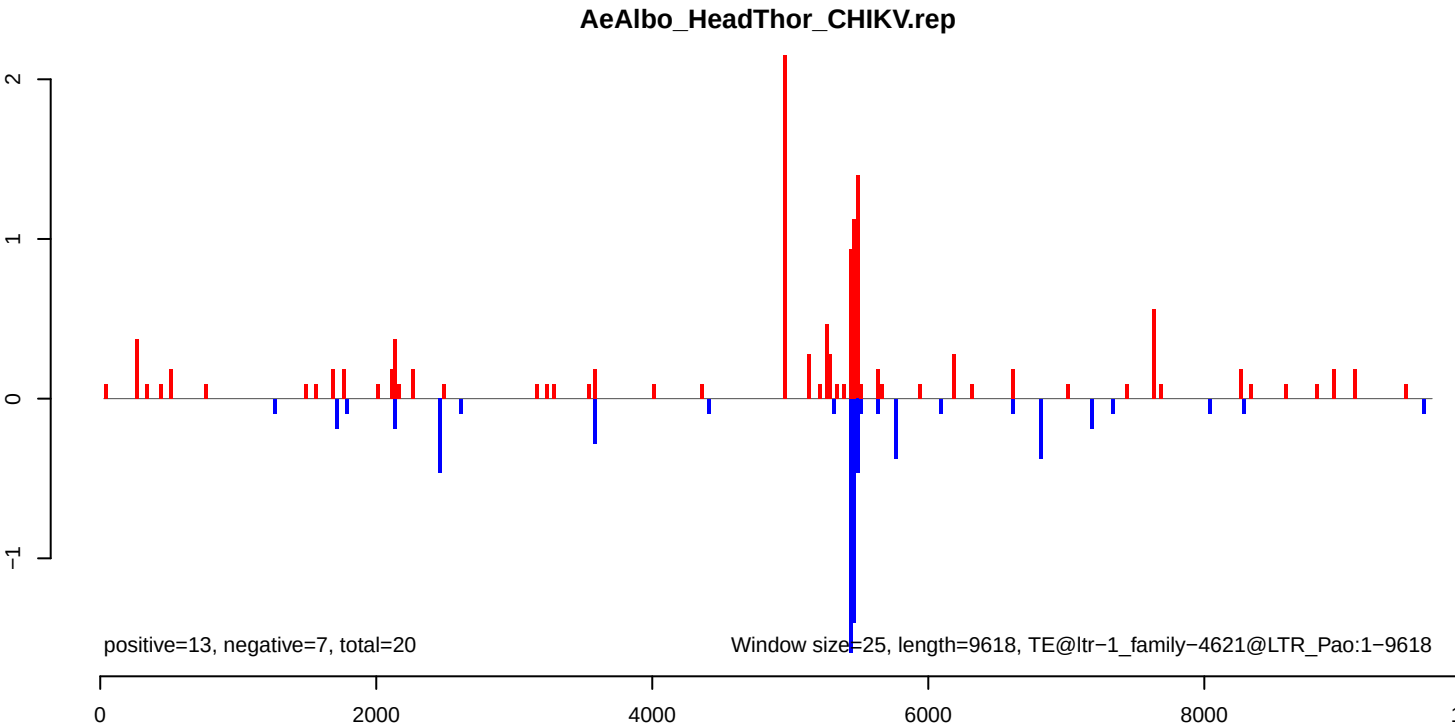

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
positive=39, negative=40, total=79

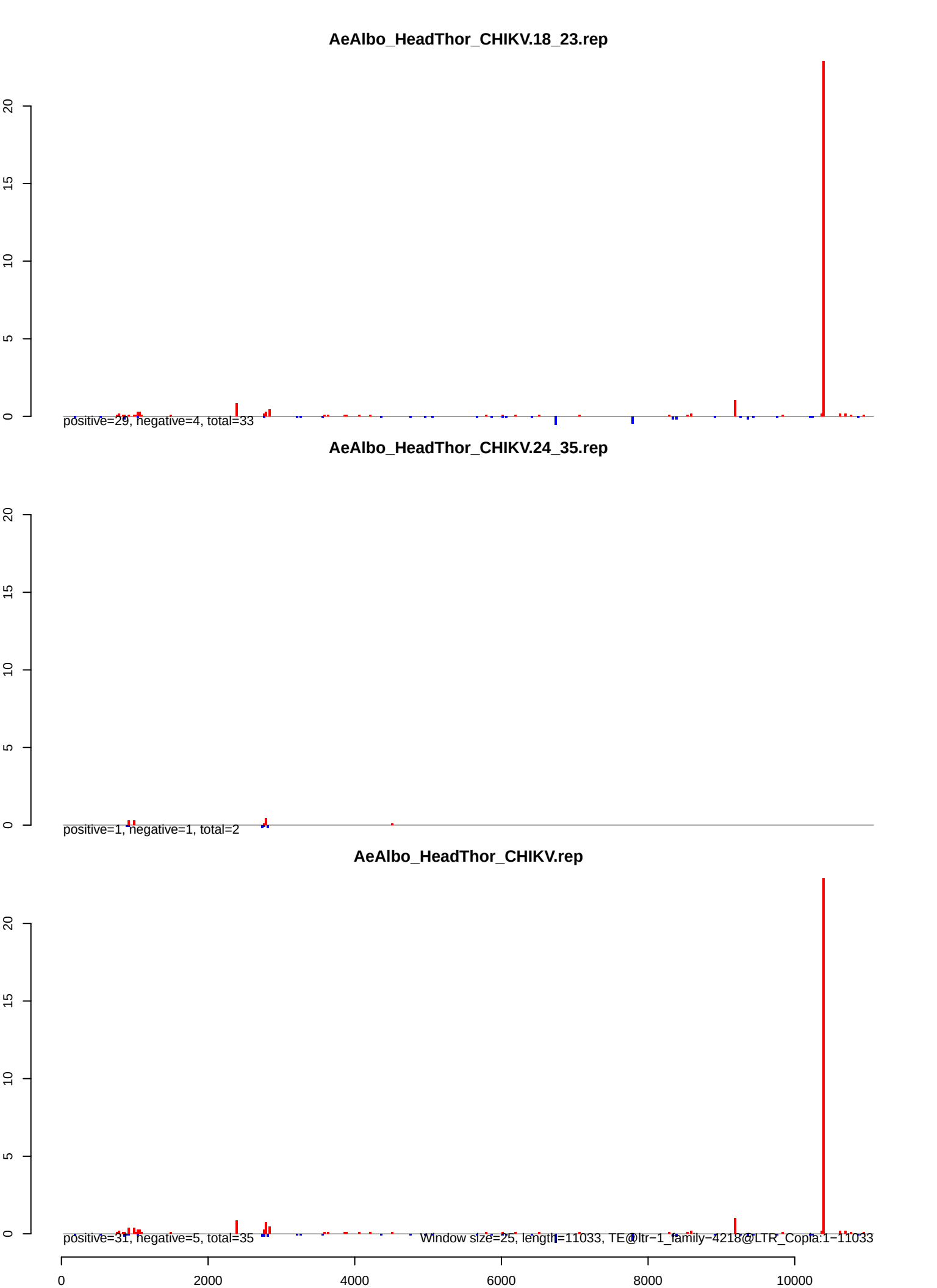

AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
positive=1, negative=1, total=2

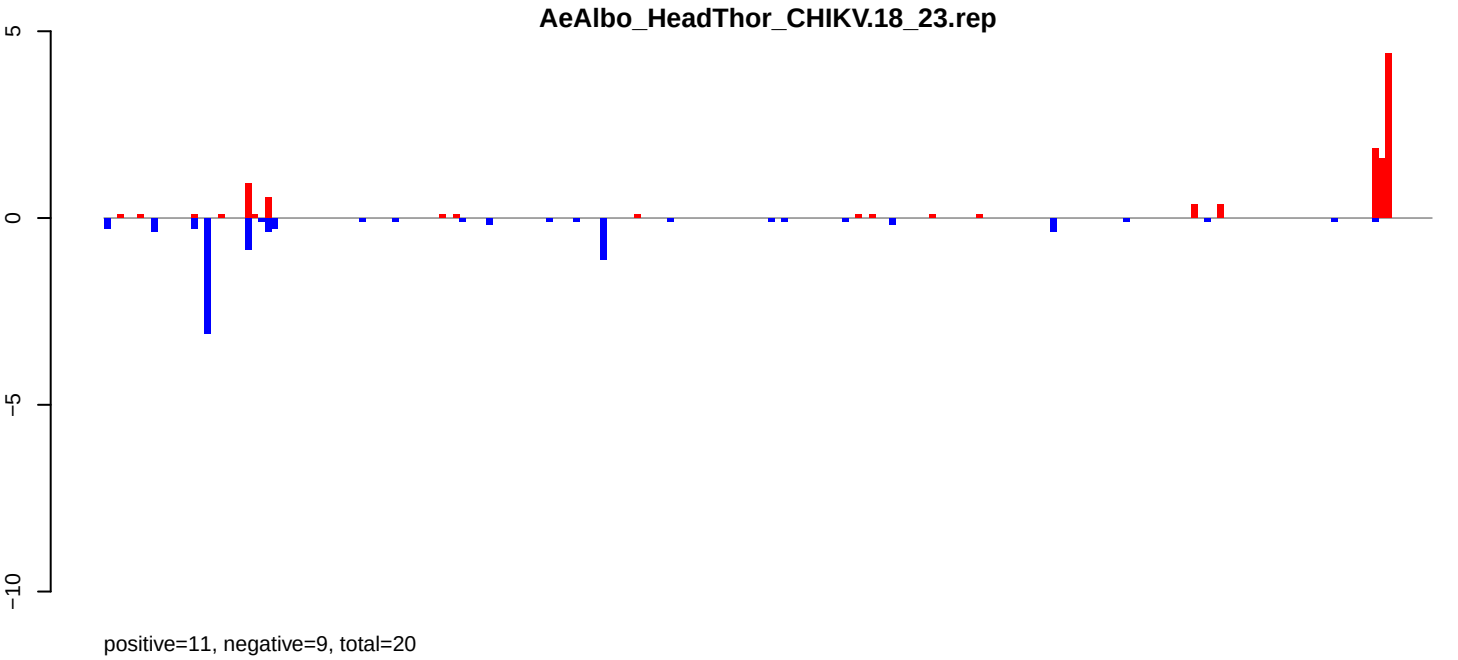

AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
positive=40, negative=41, total=81
Window size=25, length=7608, TE@ltr−1_family−4671@LTR_Pao:1−7608
0
2000
4000
6000

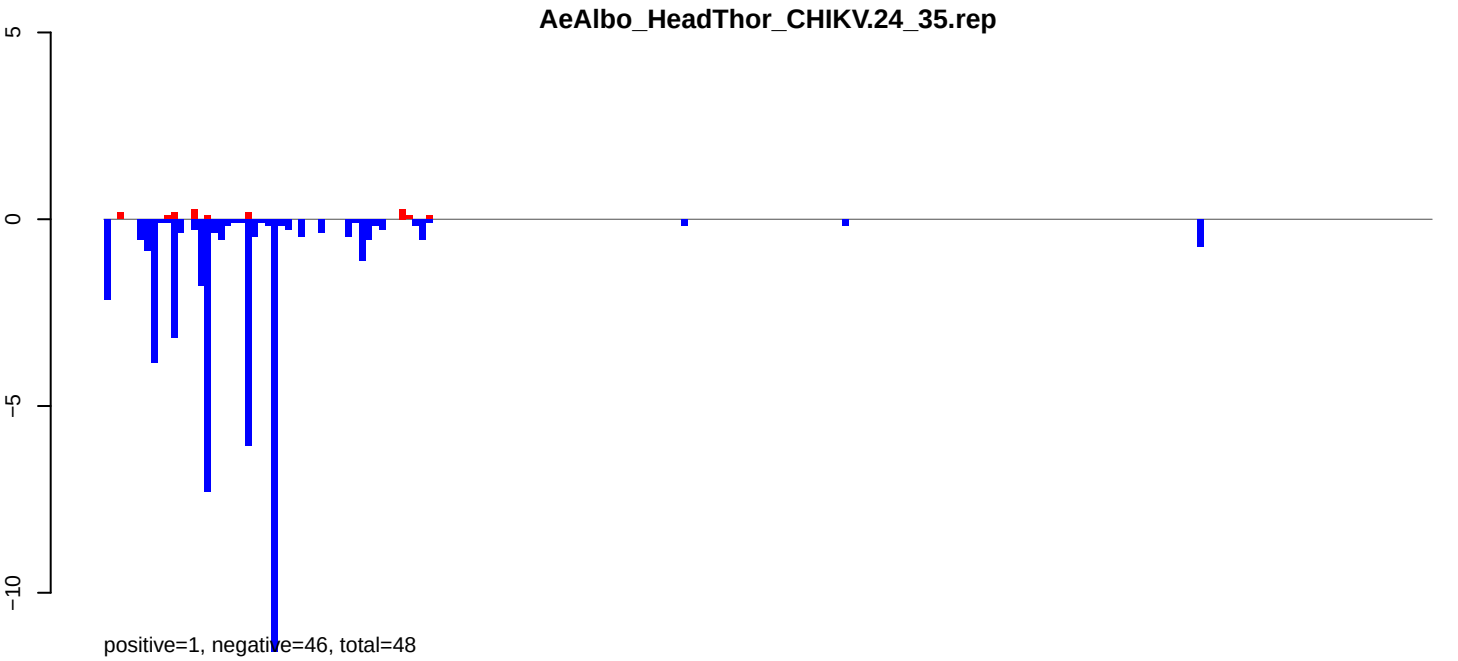

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=12, negative=7, total=18

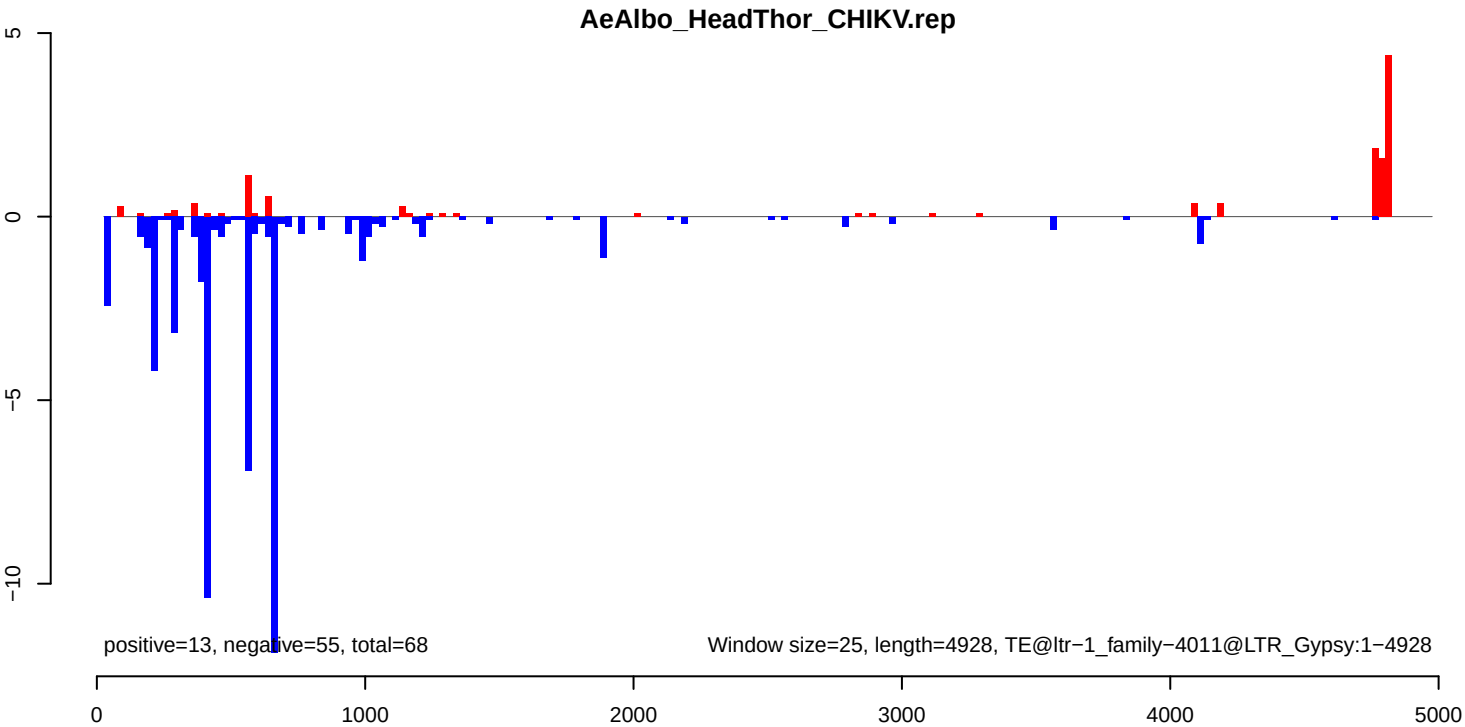

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=1, negative=0, total=1

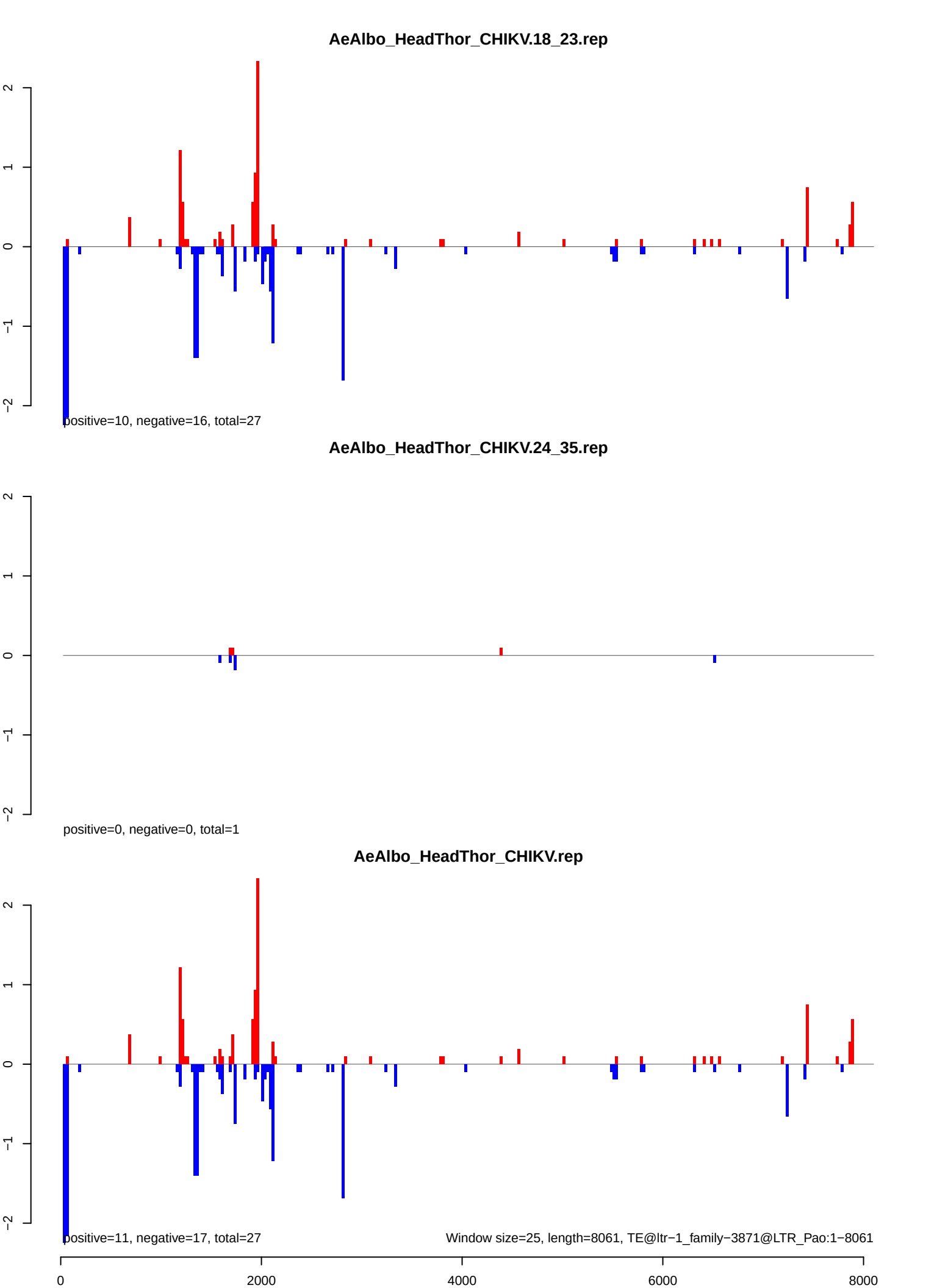

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=13, negative=7, total=20
Window size=25, length=9618, TE@ltr−1_family−4621@LTR_Pao:1−9618
0
2000
4000
6000
8000
10000

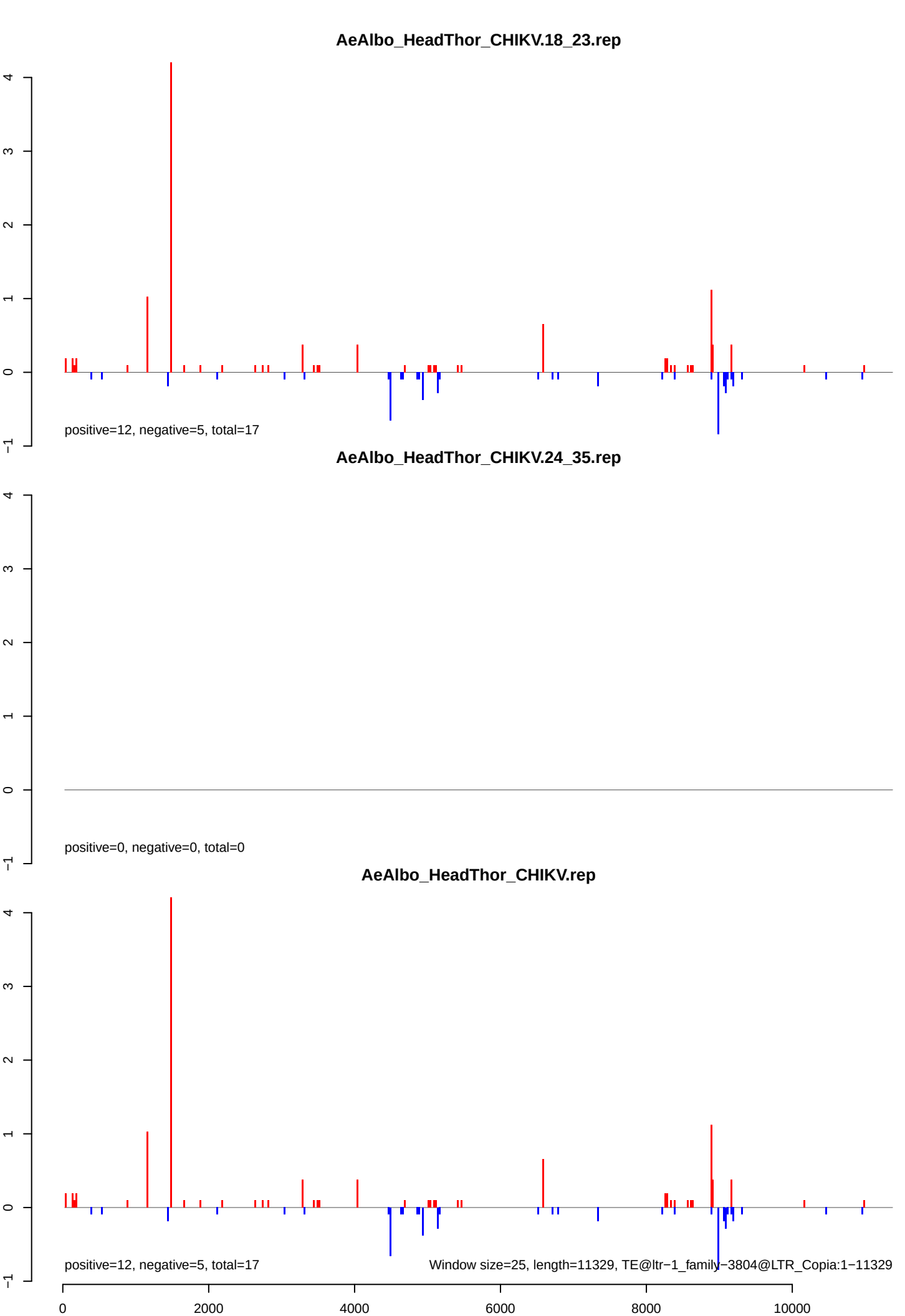

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=29, negative=4, total=33
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=31, negative=5, total=35
Window size=25, length=11033, TE@ltr−1_family−4218@LTR_Copia:1−11033
0
2000
4000
6000
8000
10000

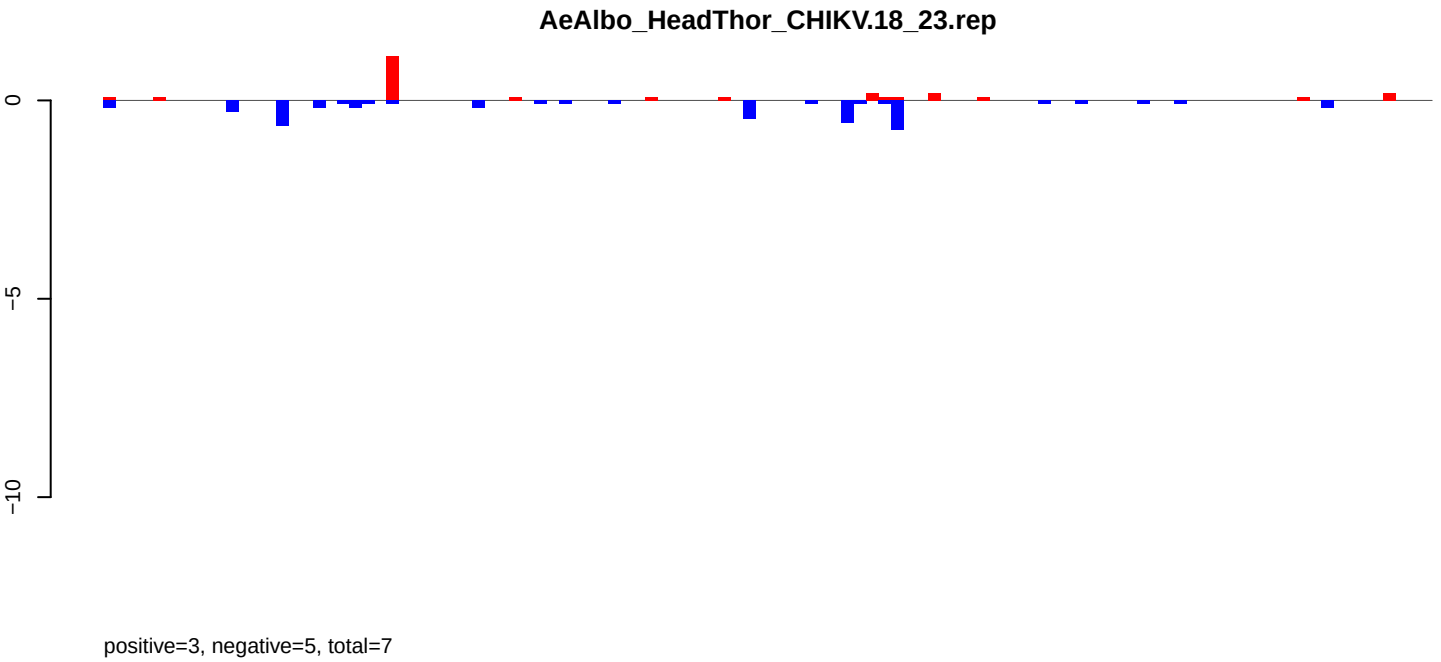

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
positive=11, negative=9, total=20

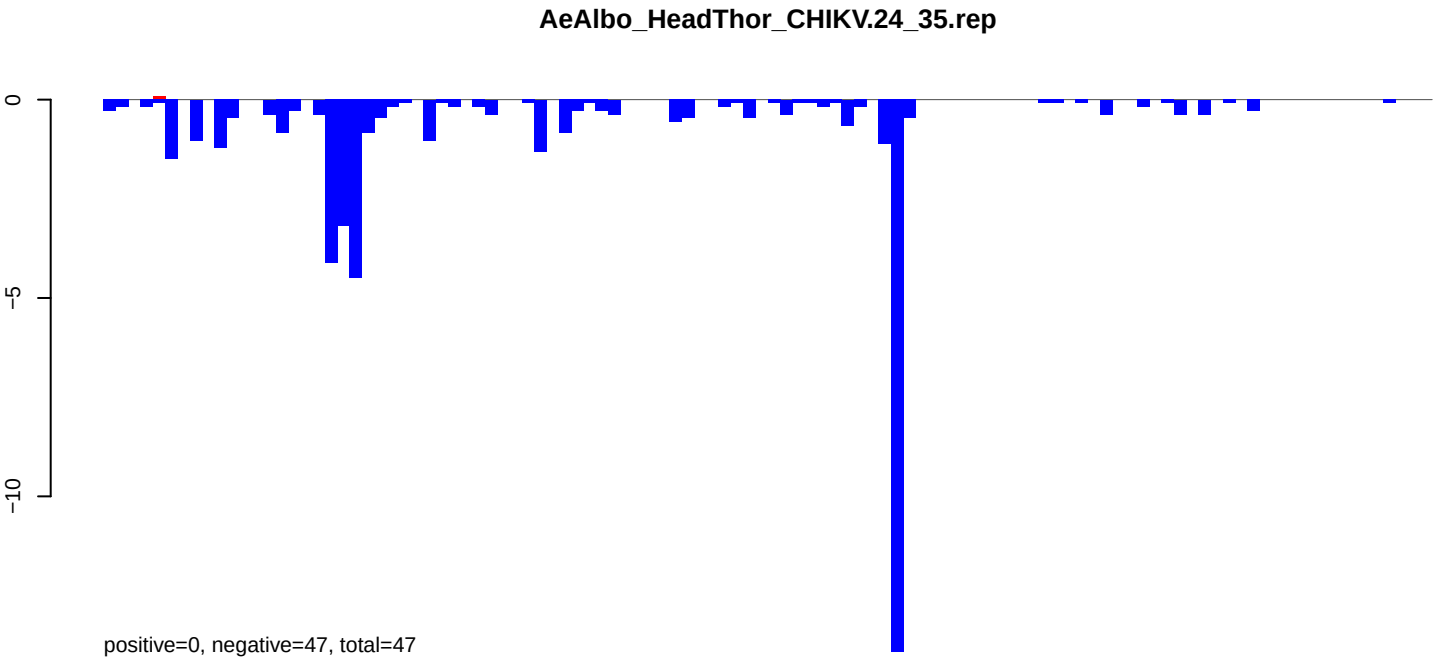

AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
positive=1, negative=46, total=48

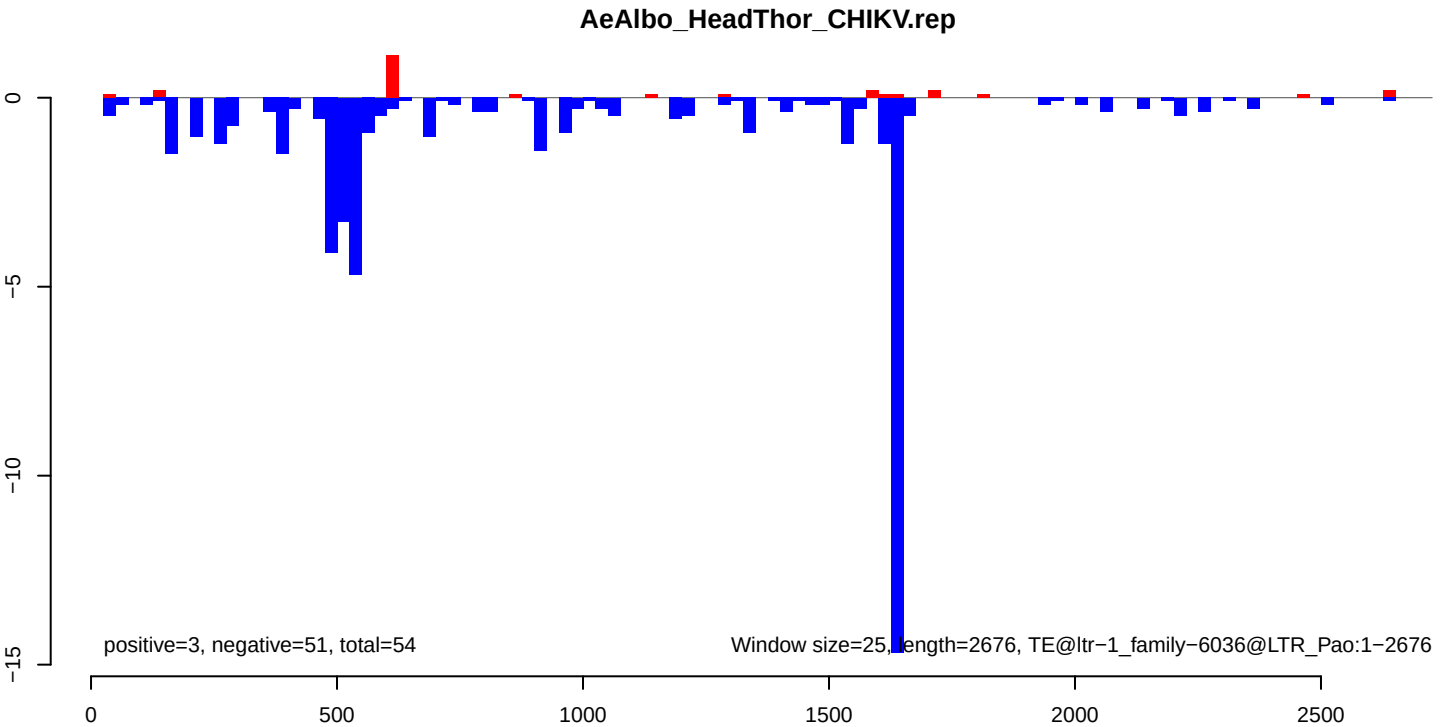

AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
positive=13, negative=55, total=68
Window size=25, length=4928, TE@ltr−1_family−4011@LTR_Gypsy:1−4928
0
1000
2000
3000
4000
5000

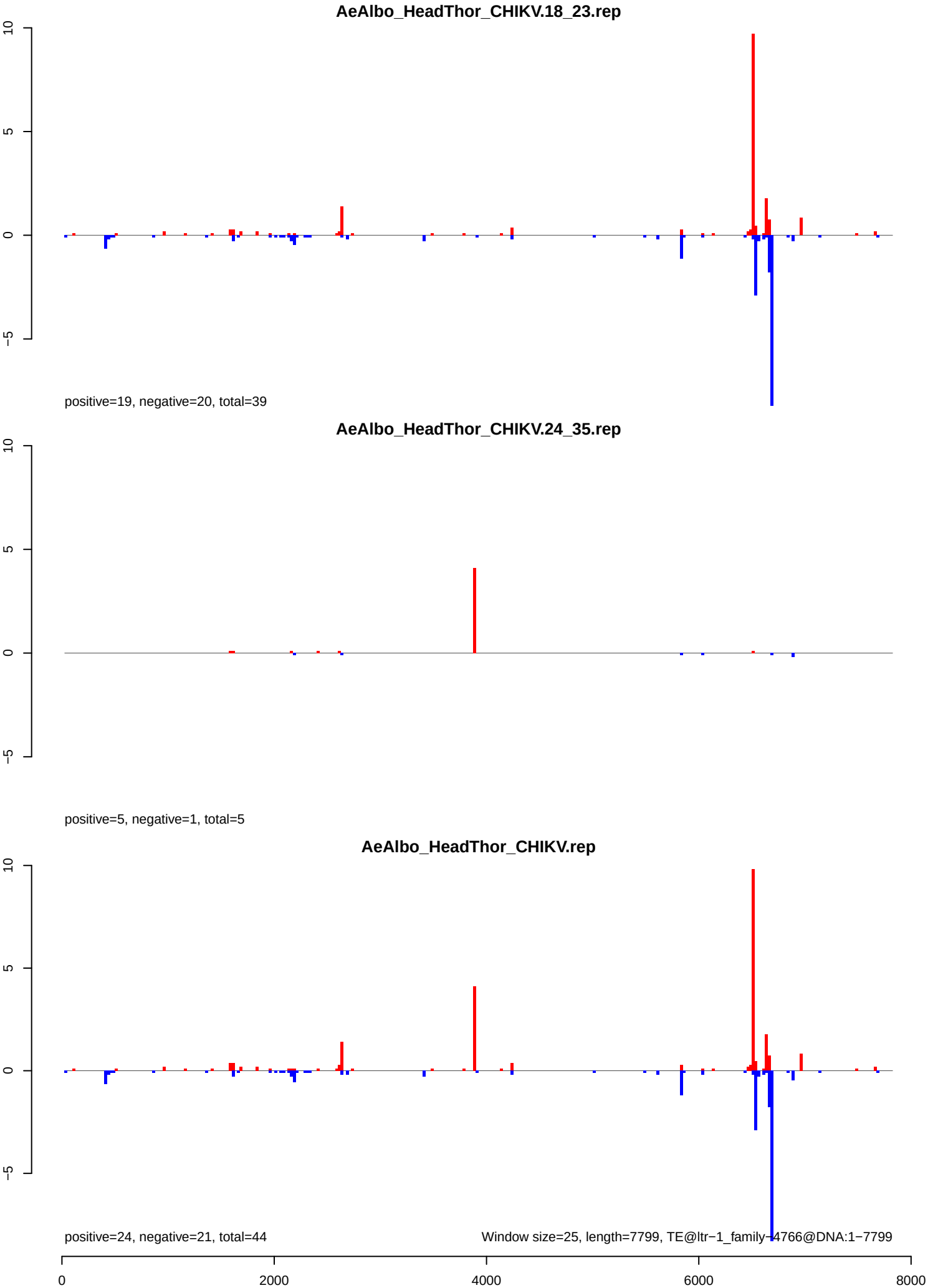

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=16, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=17, total=27
Window size=25, length=8061, TE@ltr−1_family−3871@LTR_Pao:1−8061
0
2000
4000
6000
8000

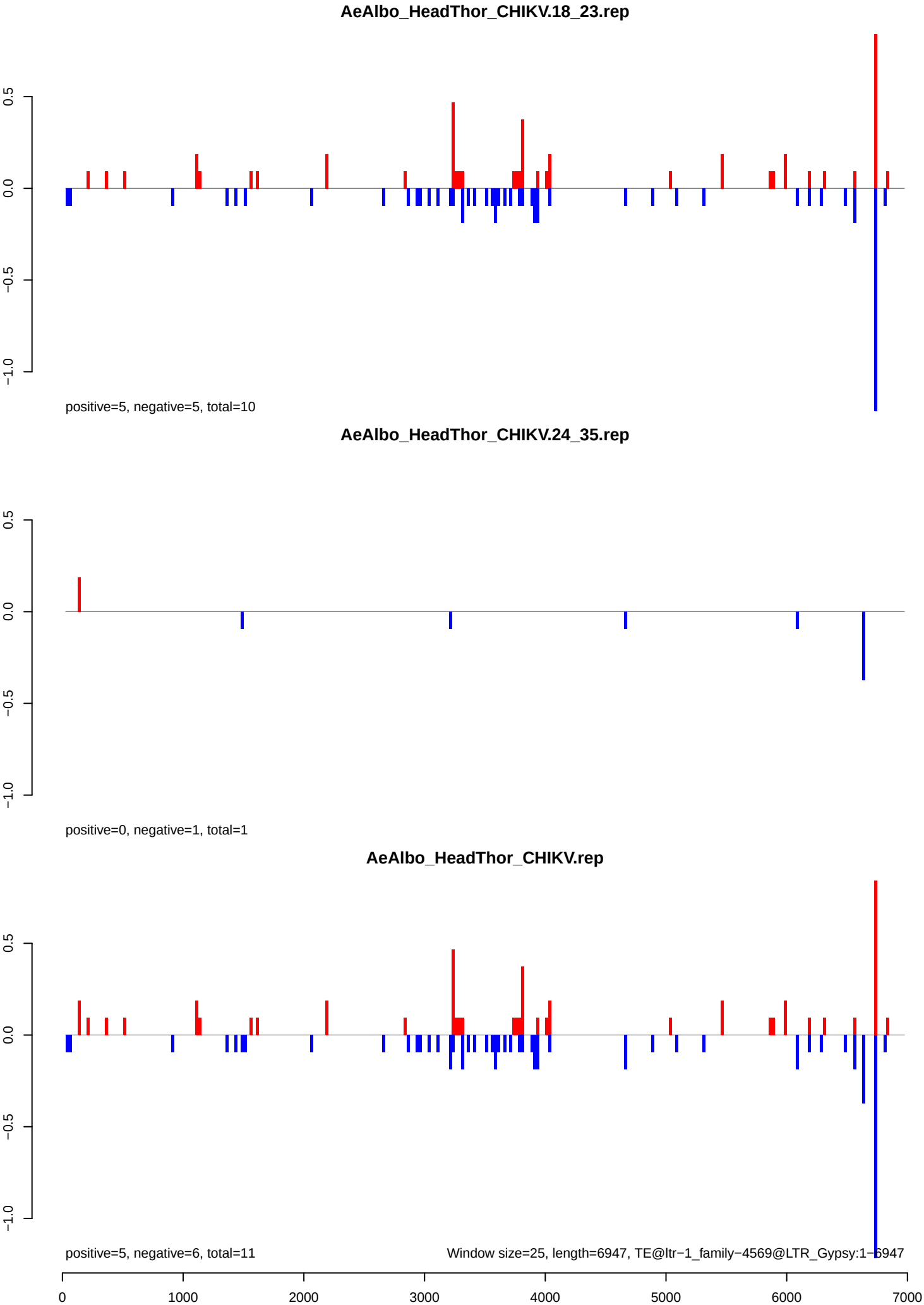

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=12, negative=5, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=5, total=17
Window size=25, length=11329, TE@ltr−1_family−3804@LTR_Copia:1−11329
0
2000
4000
6000
8000
10000

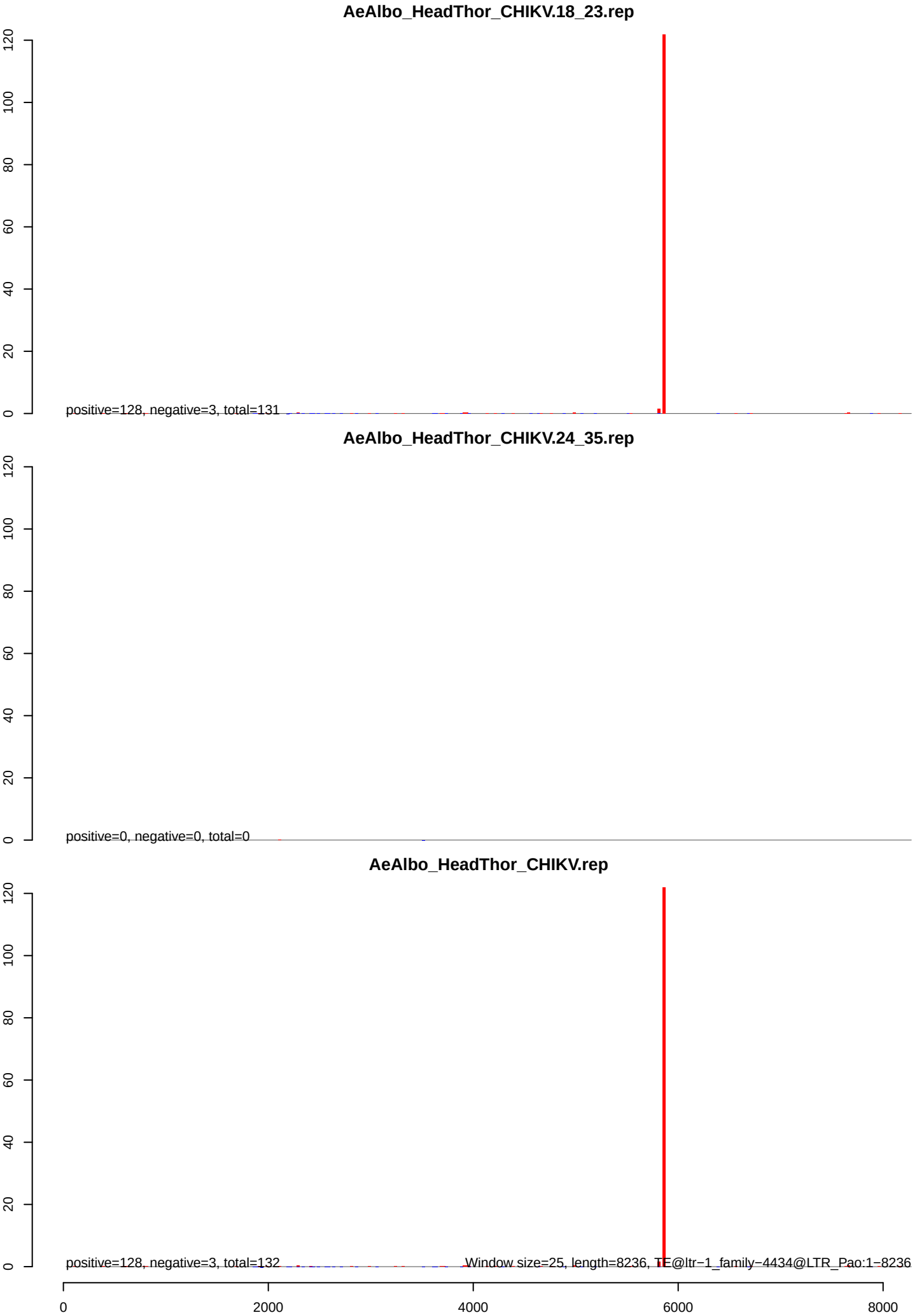

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=3, negative=5, total=7

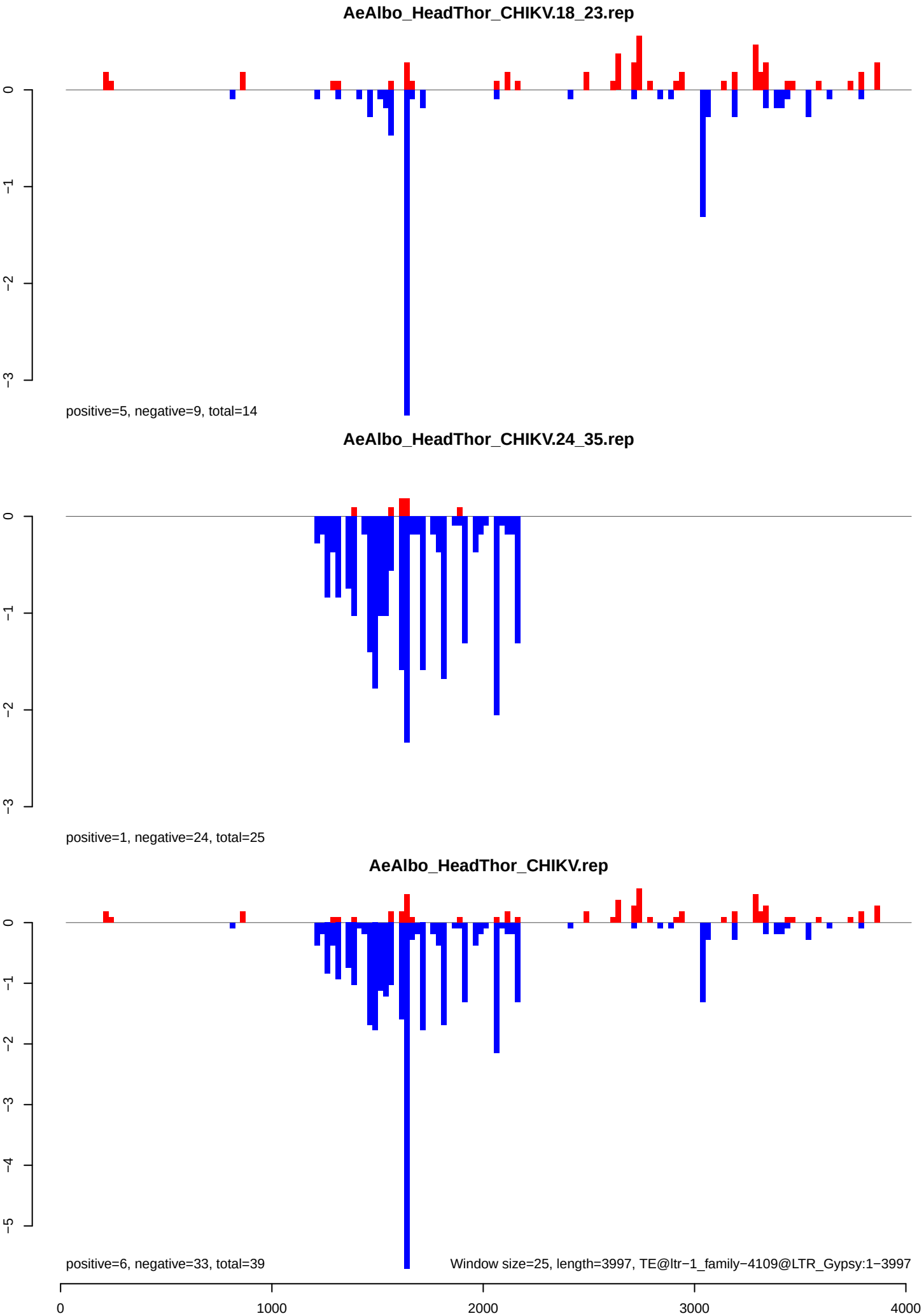

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=0, negative=47, total=47

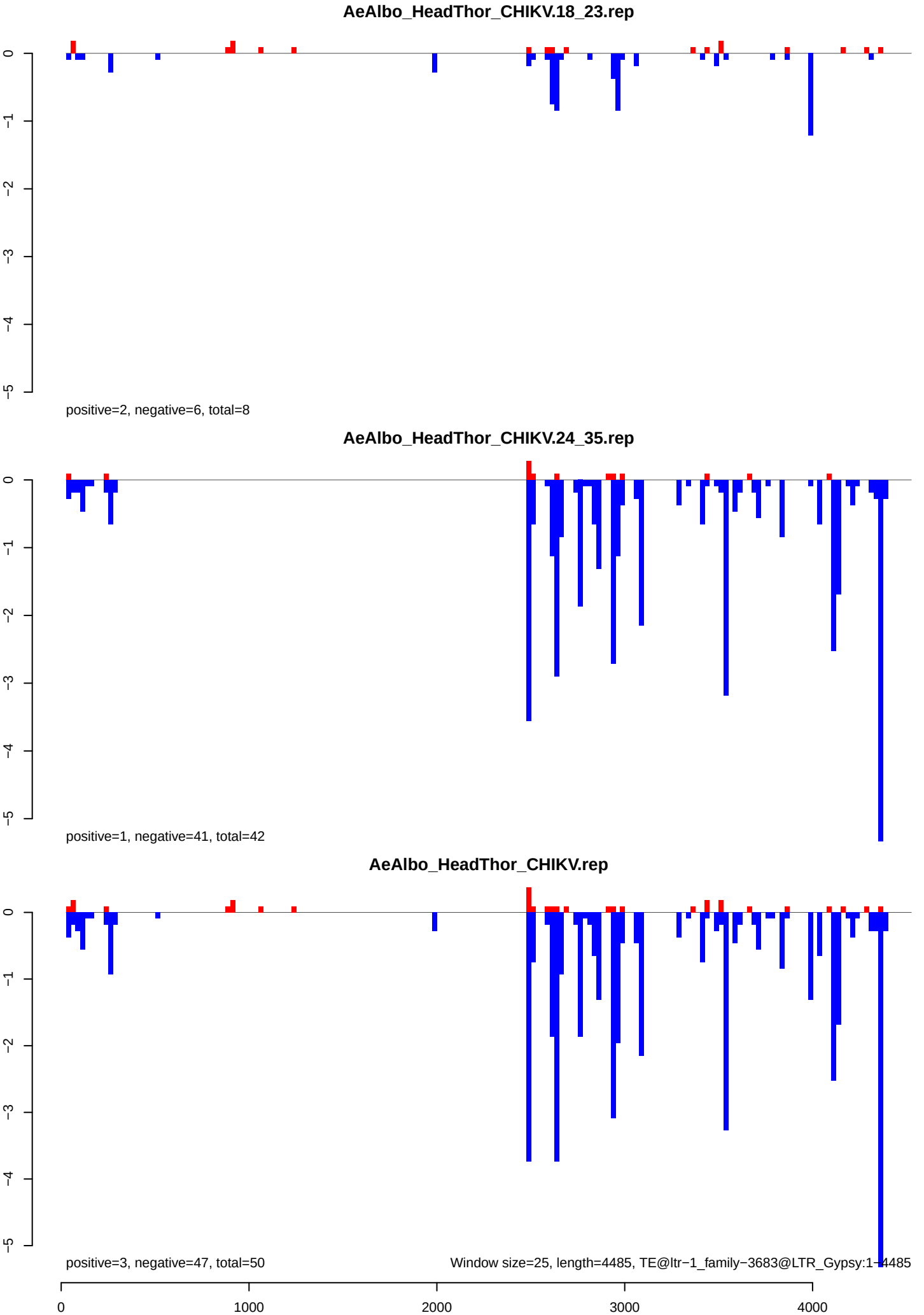

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=3, negative=51, total=54
Window size=25, length=2676, TE@ltr−1_family−6036@LTR_Pao:1−2676
0
500
1000
1500
2000
2500

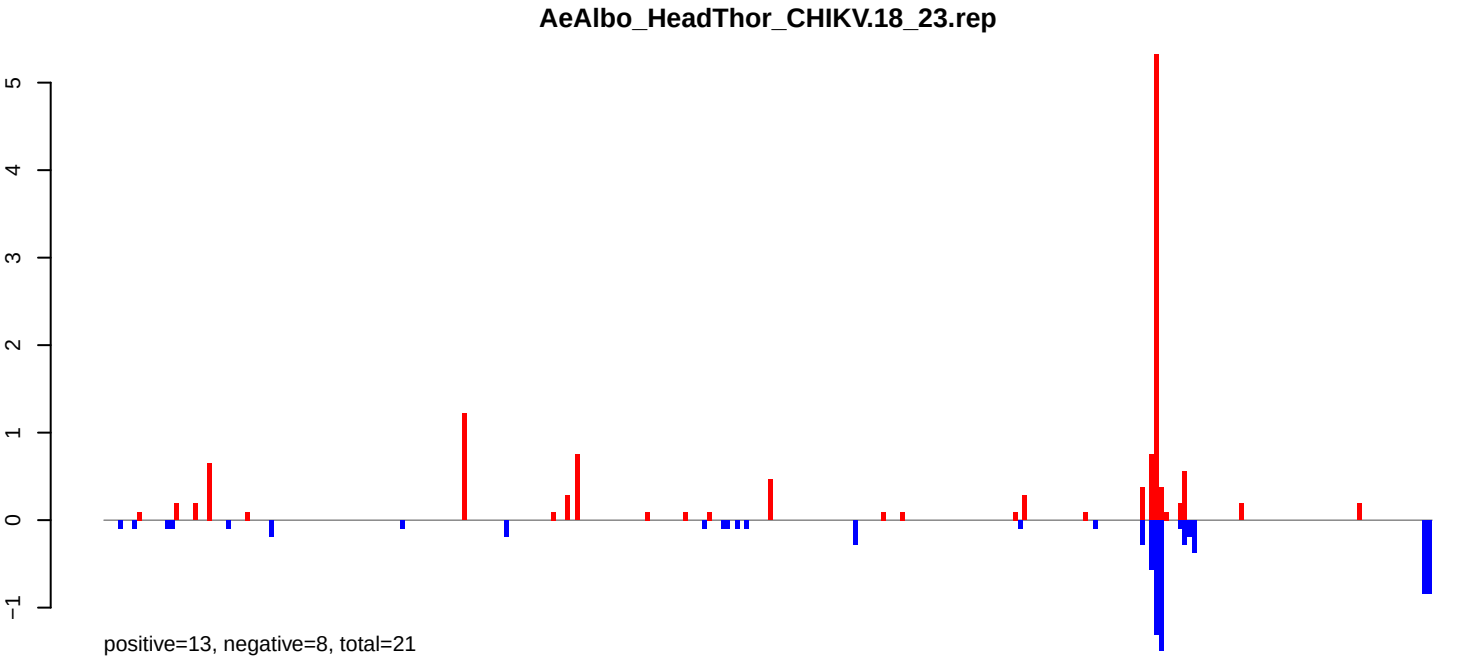

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=19, negative=20, total=39
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=5, negative=1, total=5
AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=24, negative=21, total=44
Window size=25, length=7799, TE@ltr−1_family−4766@DNA:1−7799
0
2000
4000
6000
8000

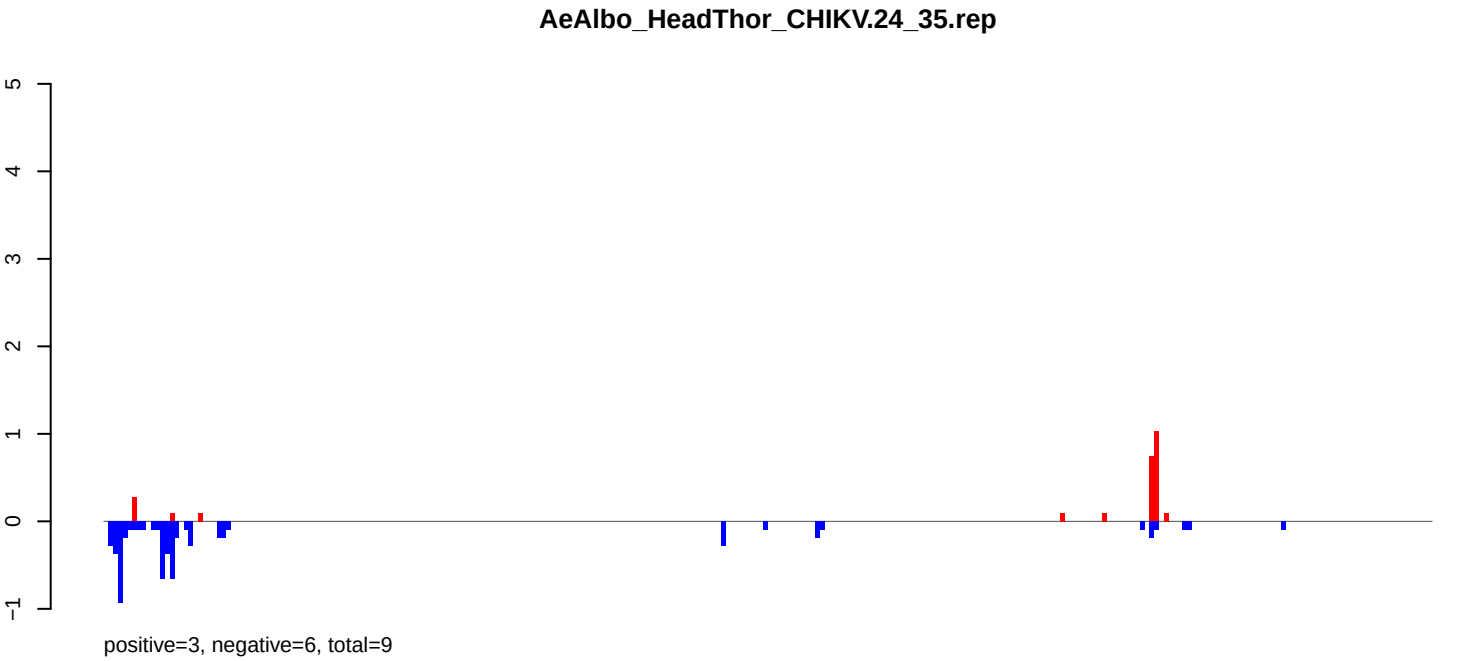

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=5, negative=5, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=5, negative=6, total=11
Window size=25, length=6947, TE@ltr−1_family−4569@LTR_Gypsy:1−6947
0
1000
2000
3000
4000
5000
6000
7000

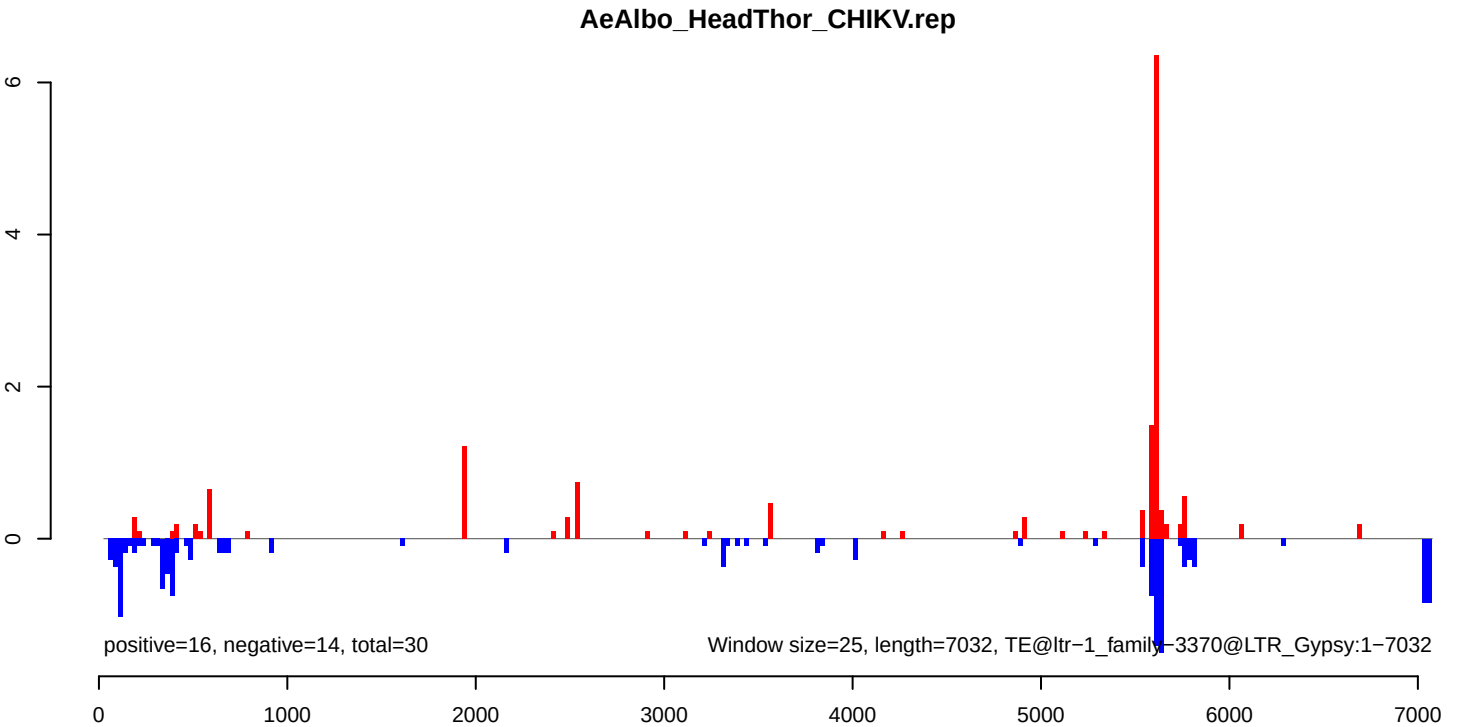

AeAlbo_HeadThor_CHIKV.18_23.rep
0
20
40
60
80
100
120
positive=128, negative=3, total=131
AeAlbo_HeadThor_CHIKV.24_35.rep
0
20
40
60
80
100
120
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
20
40
60
80
100
120
positive=128, negative=3, total=132
Window size=25, length=8236, TE@ltr−1_family−4434@LTR_Pao:1−8236
0
2000
4000
6000
8000

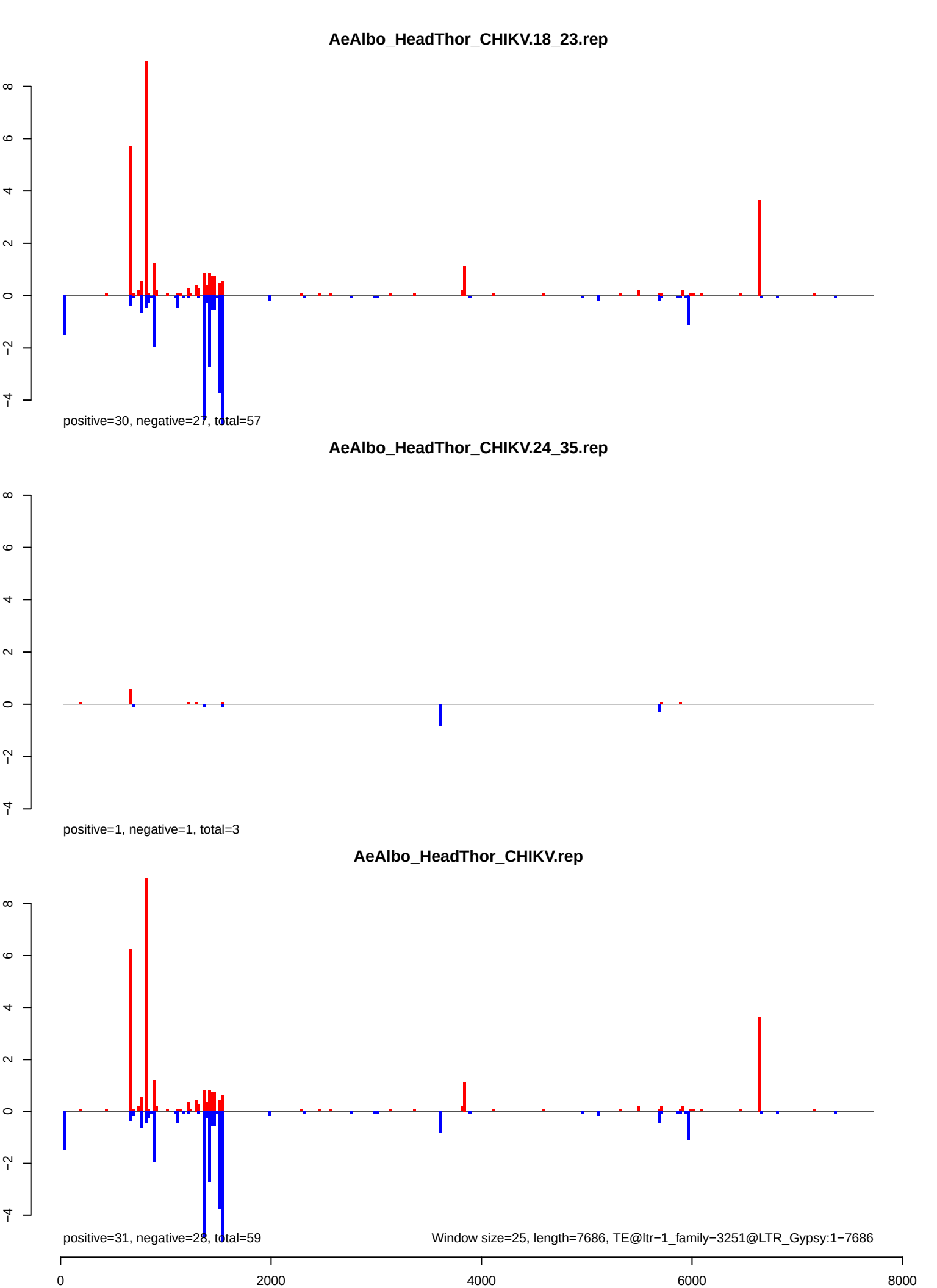

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=5, negative=9, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=1, negative=24, total=25
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=6, negative=33, total=39
Window size=25, length=3997, TE@ltr−1_family−4109@LTR_Gypsy:1−3997
0
1000
2000
3000
4000

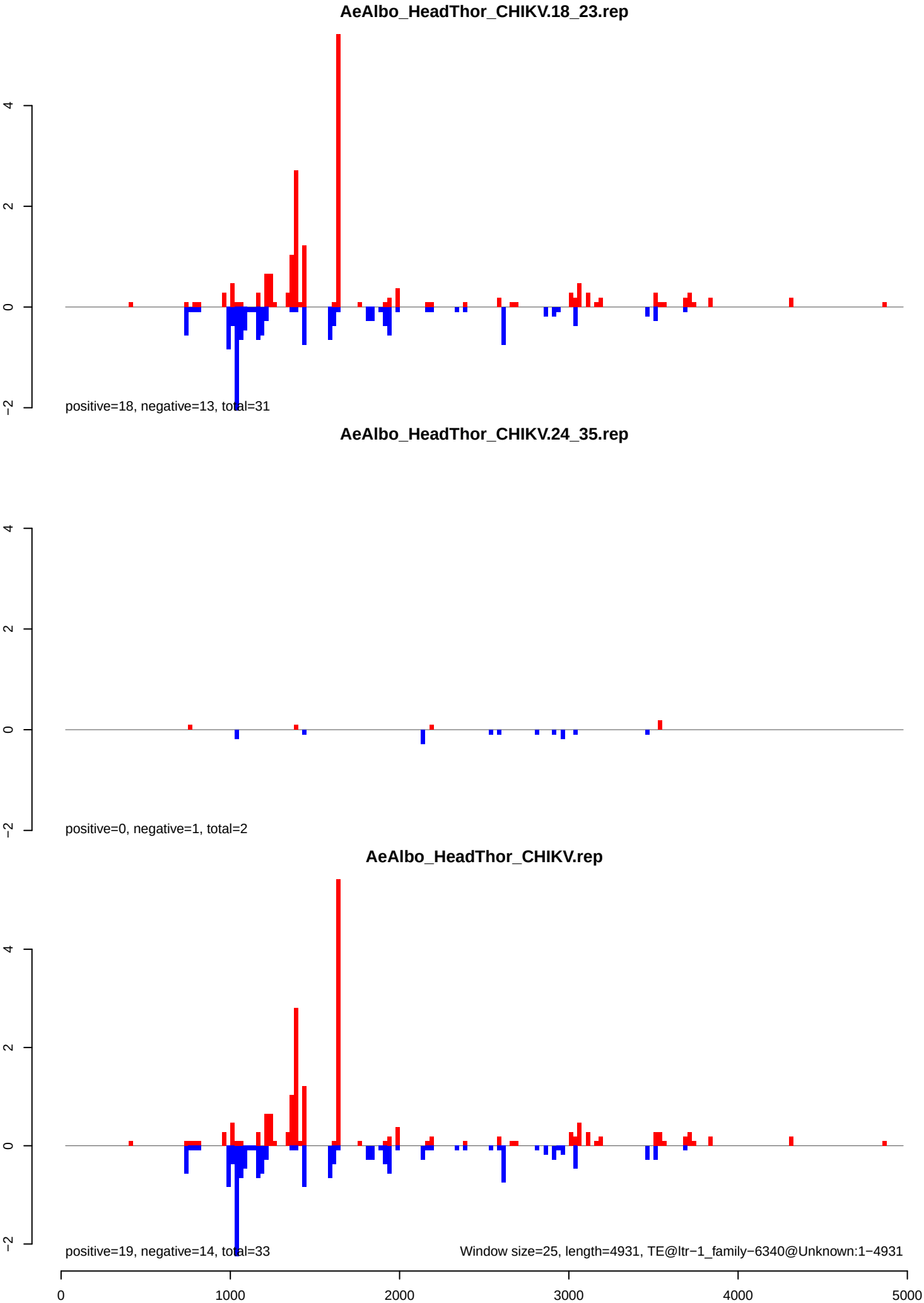

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=2, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=1, negative=41, total=42
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=3, negative=47, total=50
Window size=25, length=4485, TE@ltr−1_family−3683@LTR_Gypsy:1−4485
0
1000
2000
3000
4000

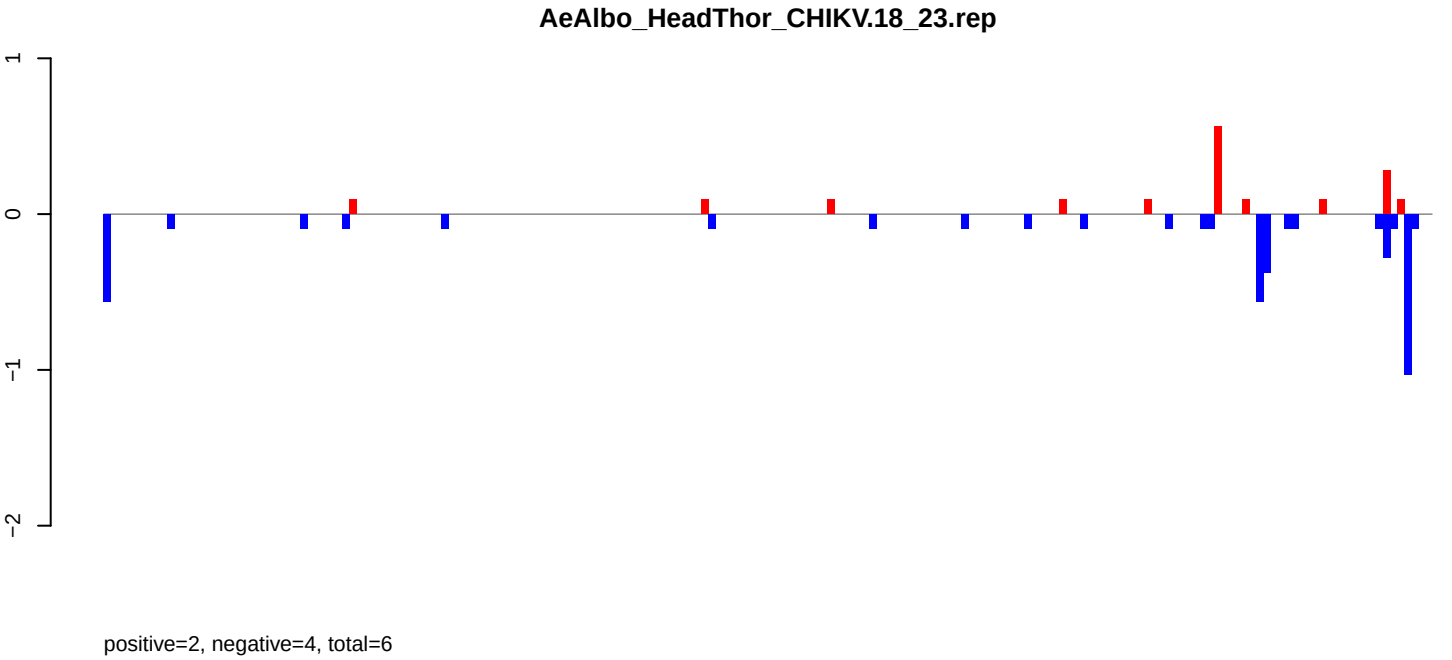

AeAlbo_HeadThor_CHIKV.18_23.rep
5
4
3
2
1
0
−1
positive=13, negative=8, total=21

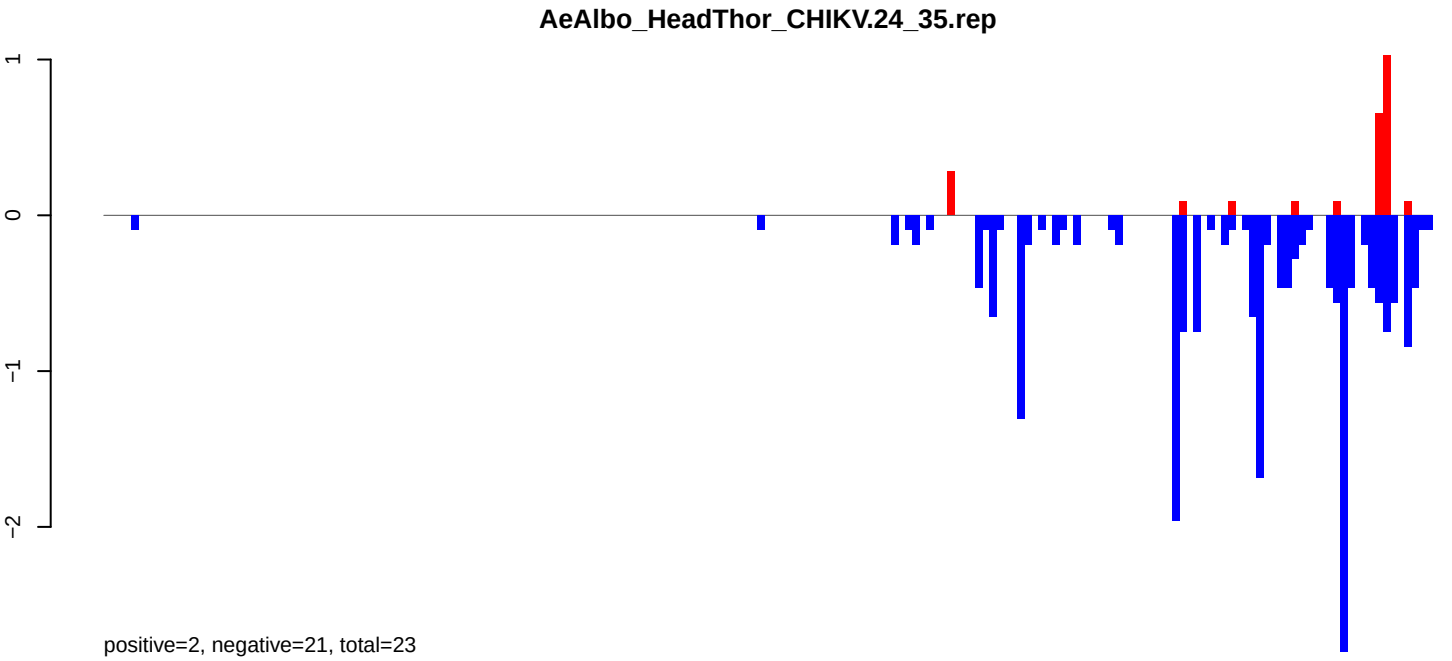

AeAlbo_HeadThor_CHIKV.24_35.rep
5
4
3
2
1
0
−1
positive=3, negative=6, total=9

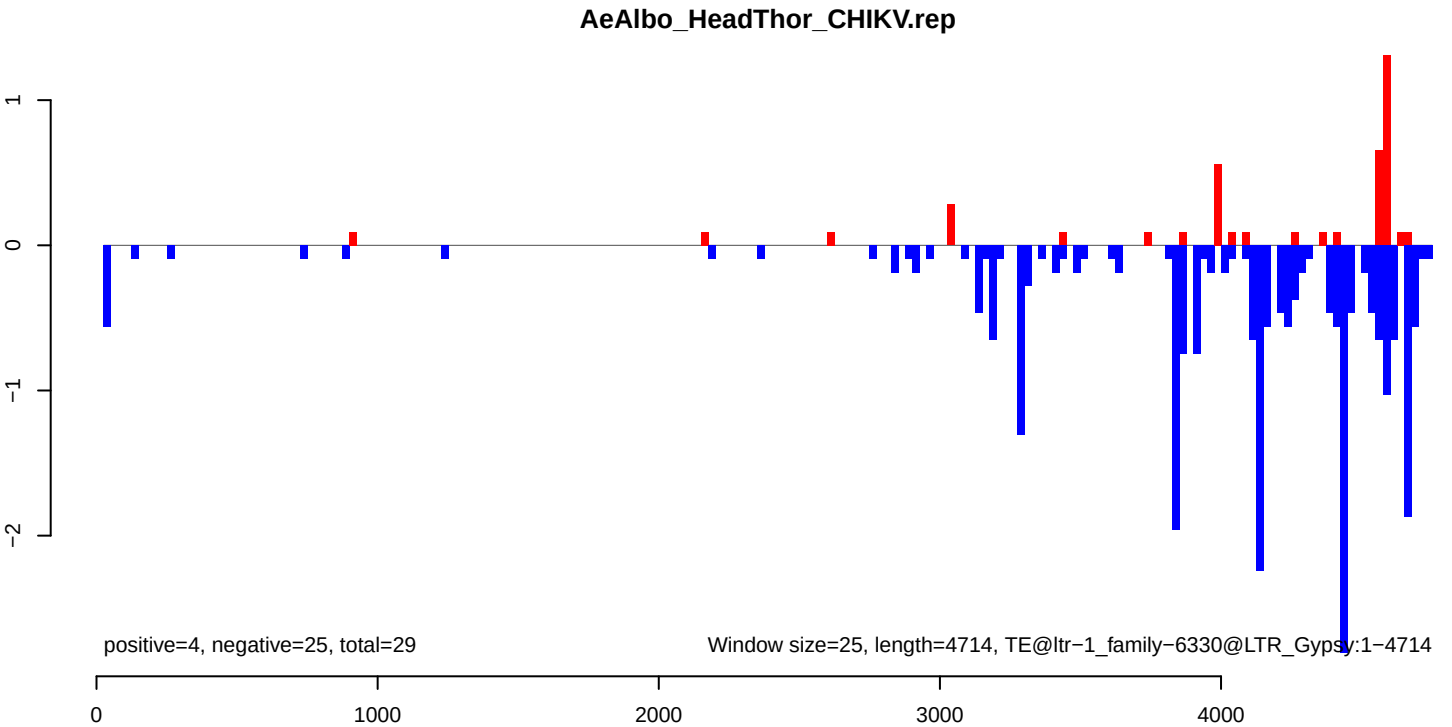

AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
positive=16, negative=14, total=30
Window size=25, length=7032, TE@ltr−1_family−3370@LTR_Gypsy:1−7032
0
1000
2000
3000
4000
5000
6000
7000

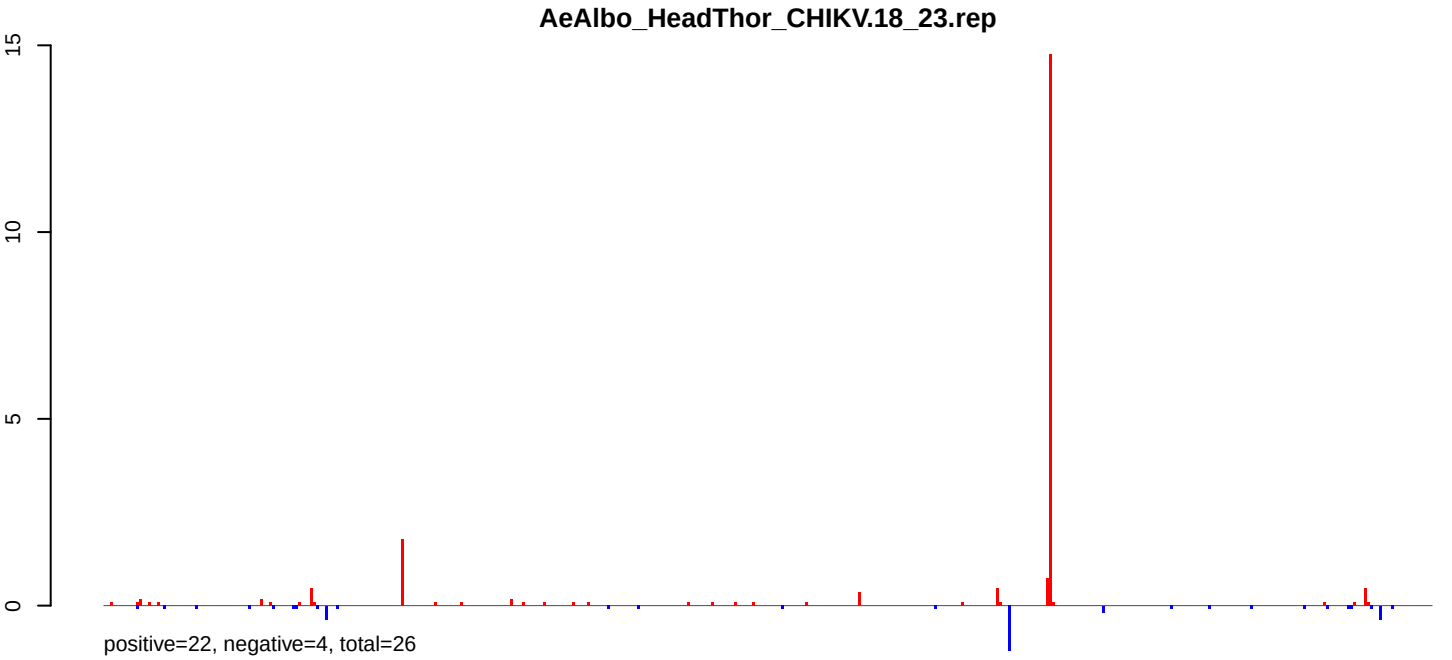

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=30, negative=27, total=57
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=31, negative=28, total=59
Window size=25, length=7686, TE@ltr−1_family−3251@LTR_Gypsy:1−7686
0
2000
4000
6000
8000

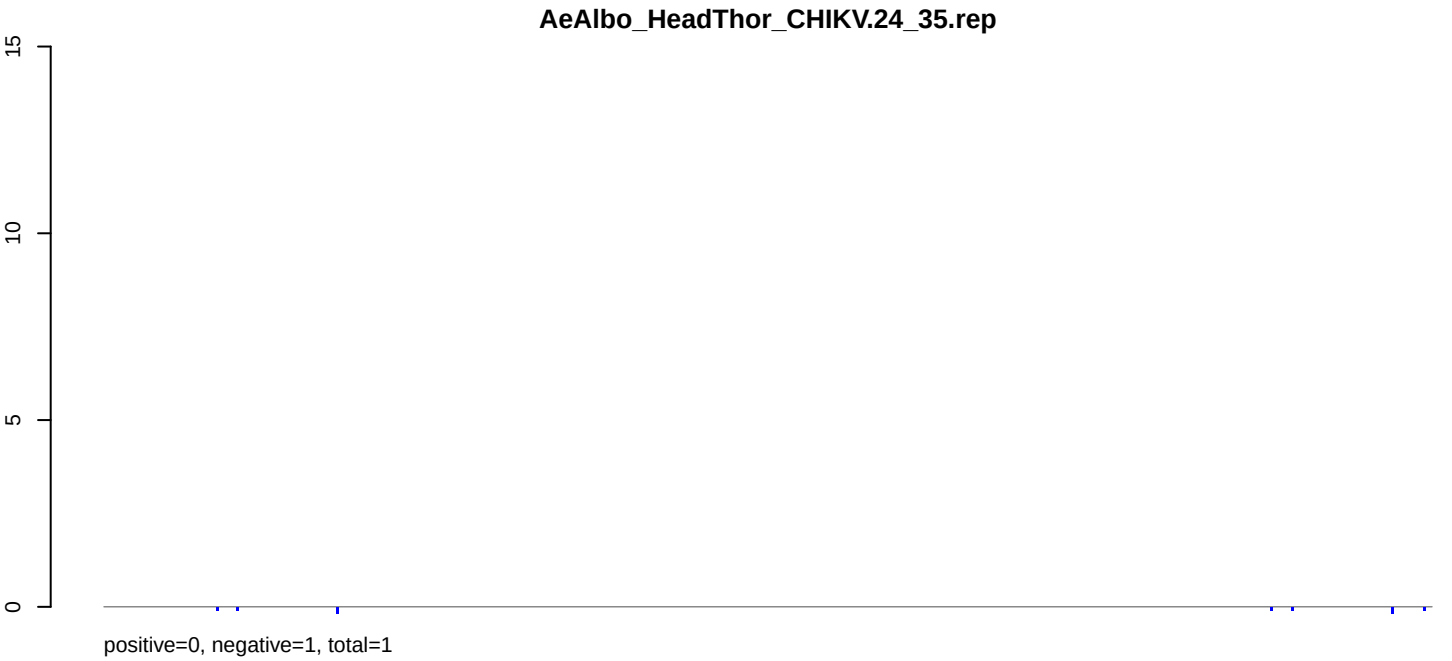

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=18, negative=13, total=31
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=14, total=33
Window size=25, length=4931, TE@ltr−1_family−6340@Unknown:1−4931
0
1000
2000
3000
4000
5000

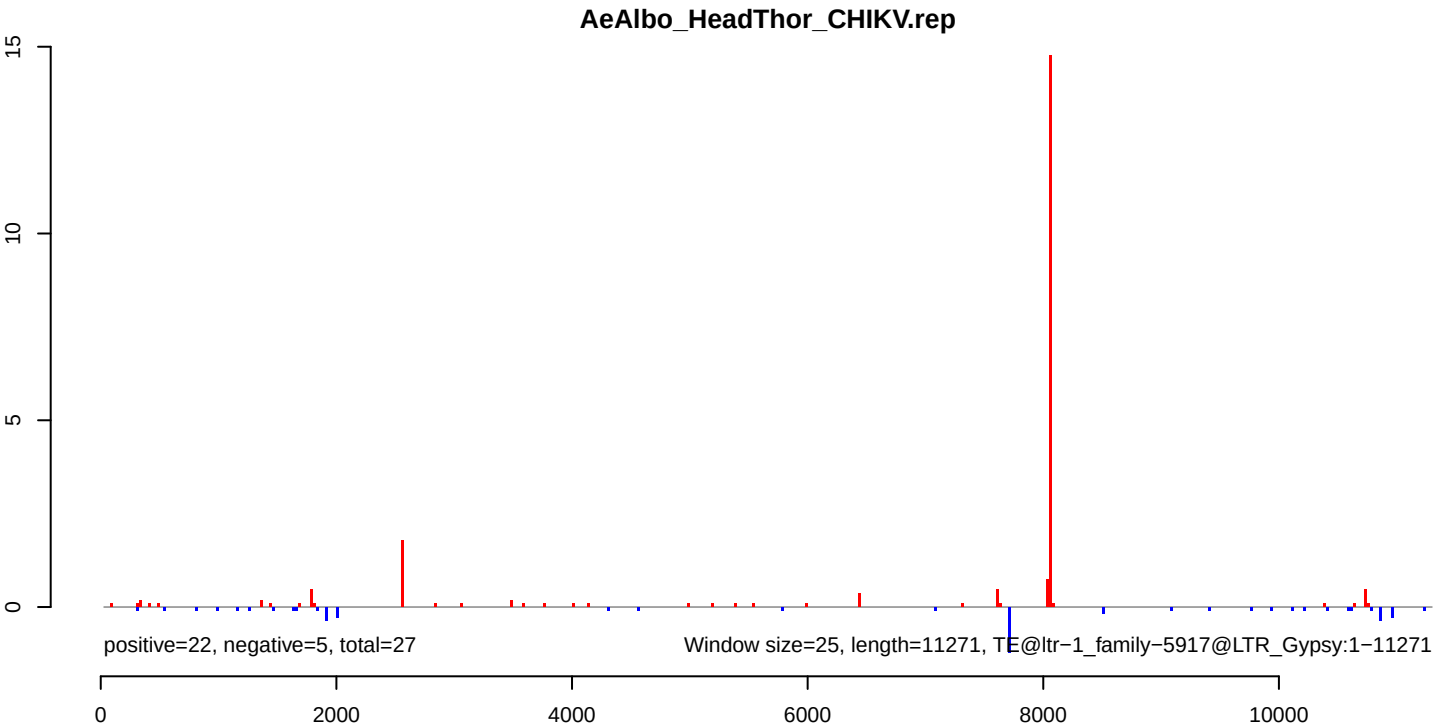

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=2, negative=4, total=6

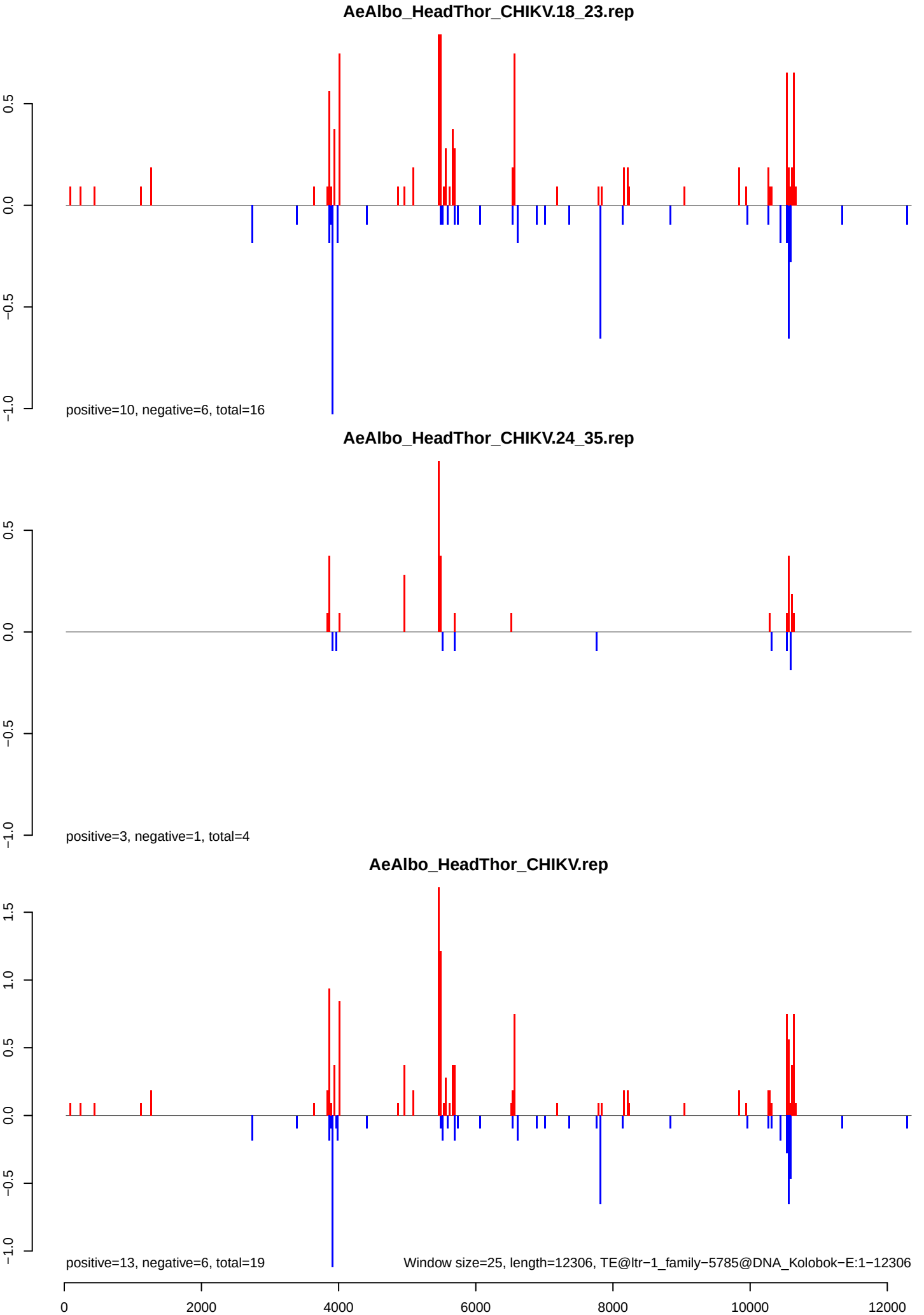

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=2, negative=21, total=23

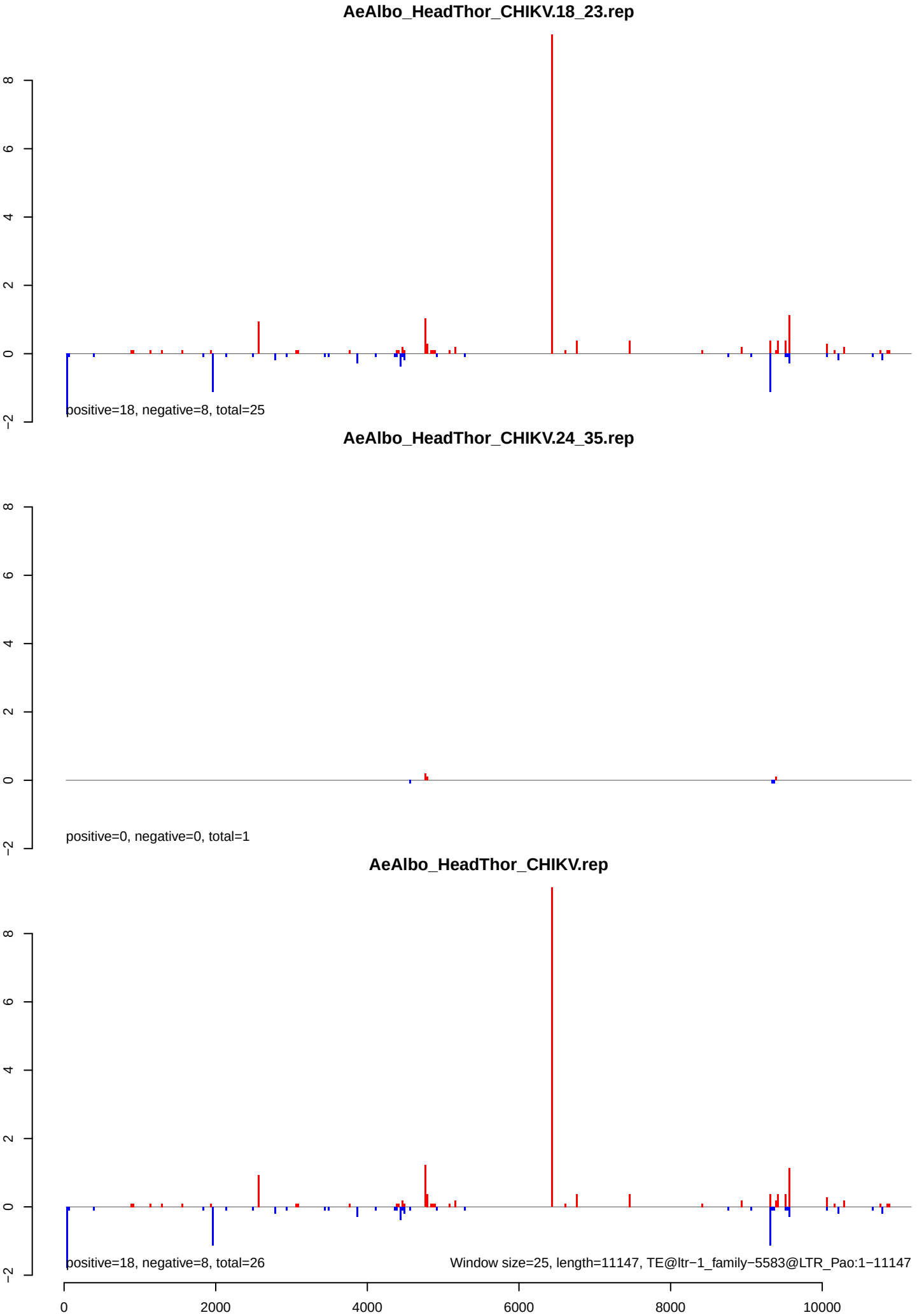

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=4, negative=25, total=29
Window size=25, length=4714, TE@ltr−1_family−6330@LTR_Gypsy:1−4714
0
1000
2000
3000
4000

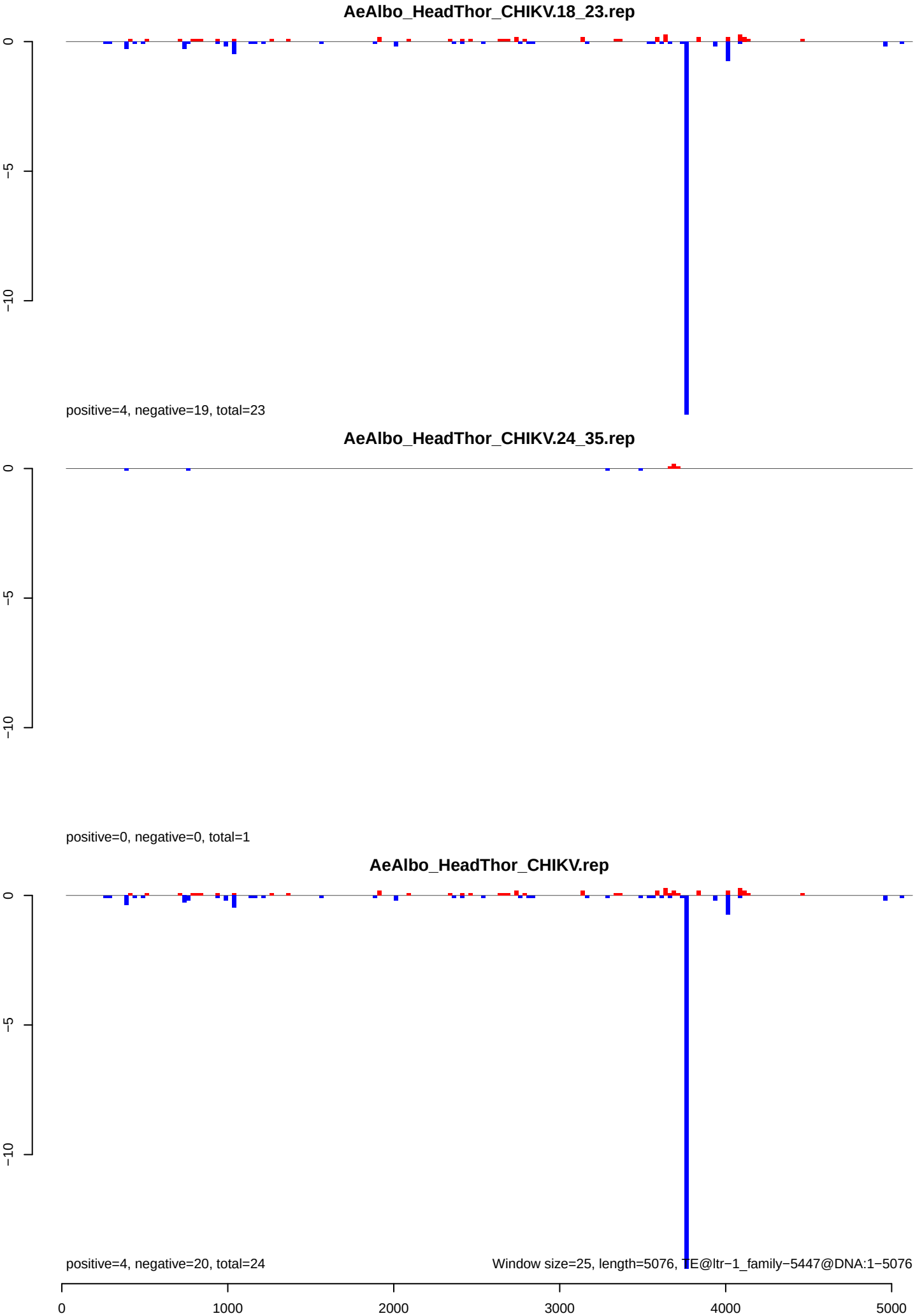

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=22, negative=4, total=26

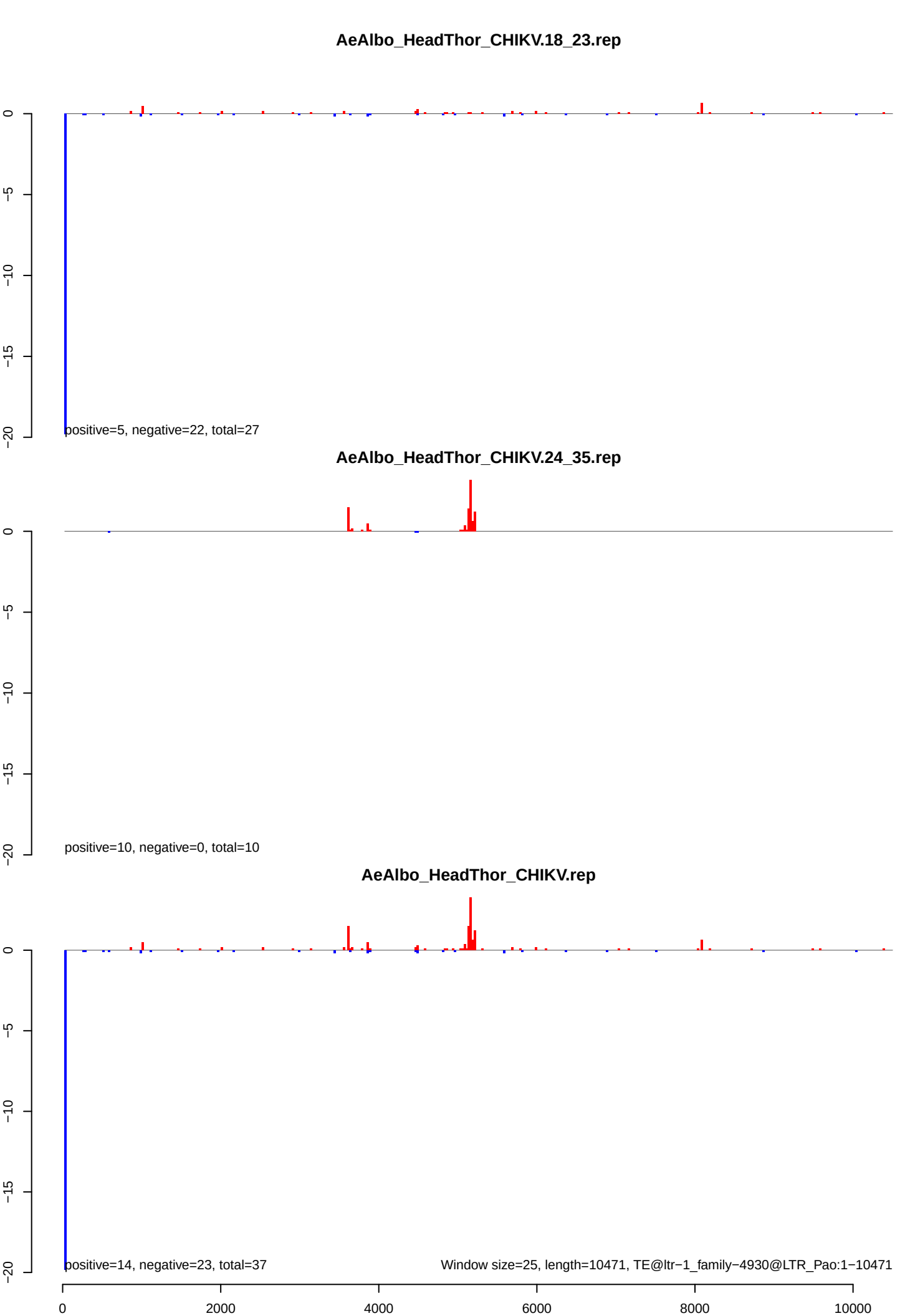

AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=0, negative=1, total=1

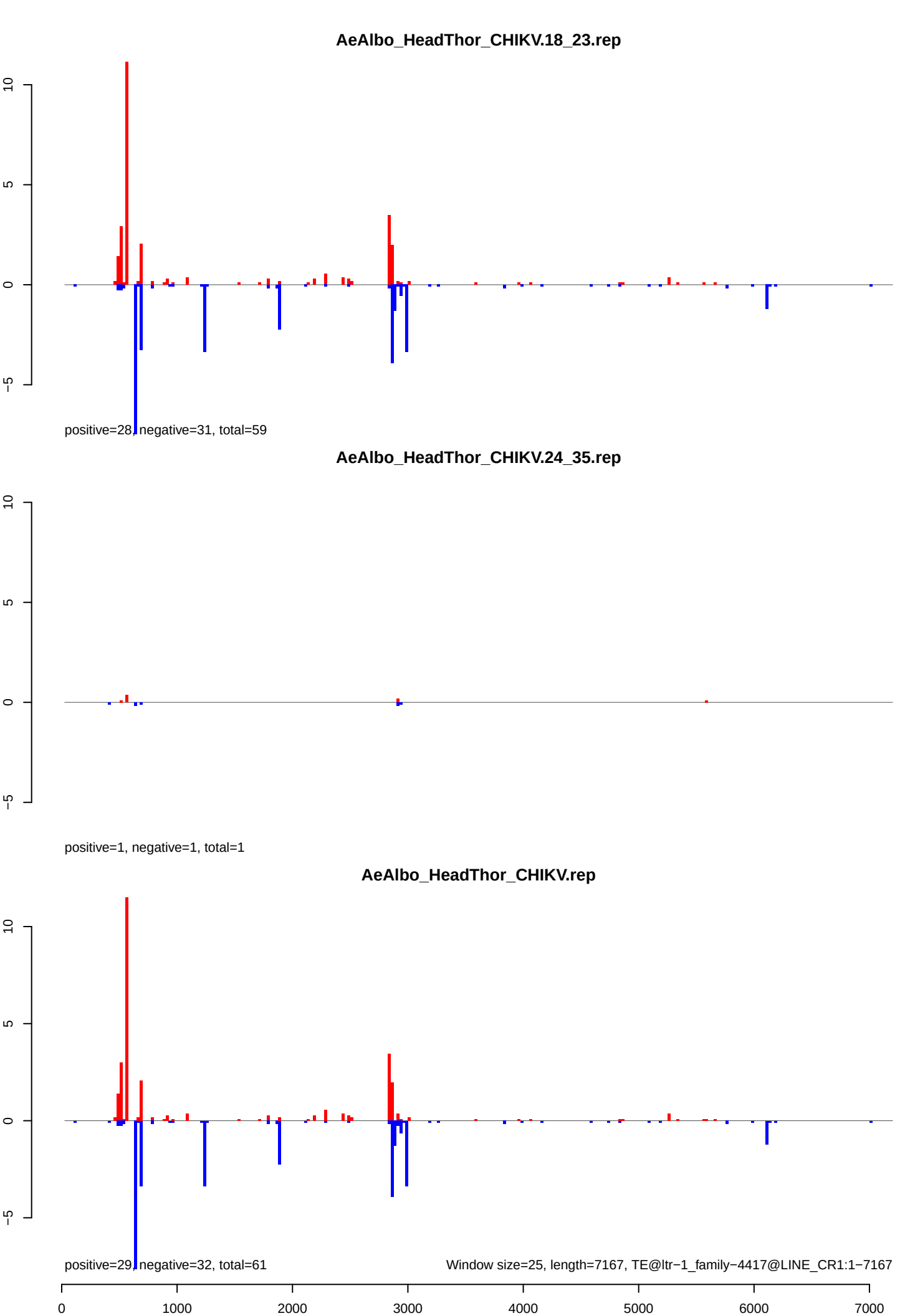

AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
positive=22, negative=5, total=27
Window size=25, length=11271, TE@ltr−1_family−5917@LTR_Gypsy:1−11271
0
2000
4000
6000
8000
10000

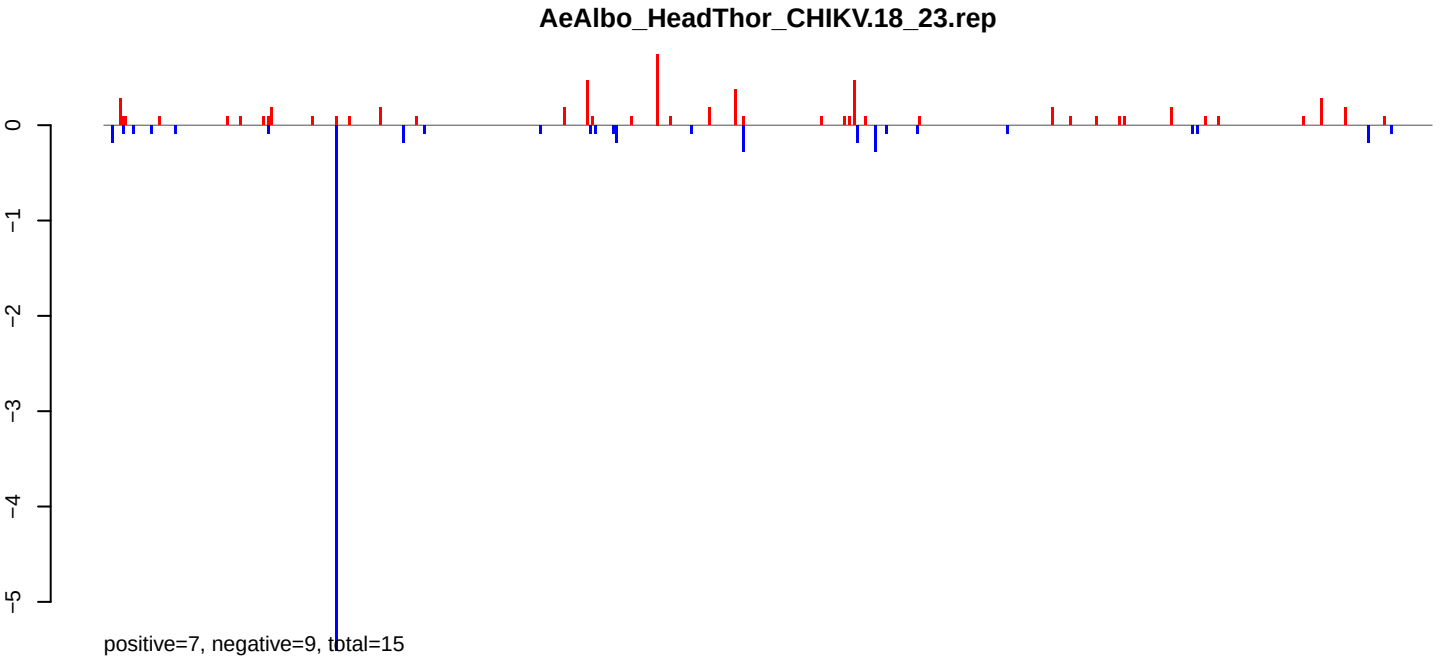

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=10, negative=6, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=13, negative=6, total=19
Window size=25, length=12306, TE@ltr−1_family−5785@DNA_Kolobok−E:1−12306
0
2000
4000
6000
8000
10000
12000

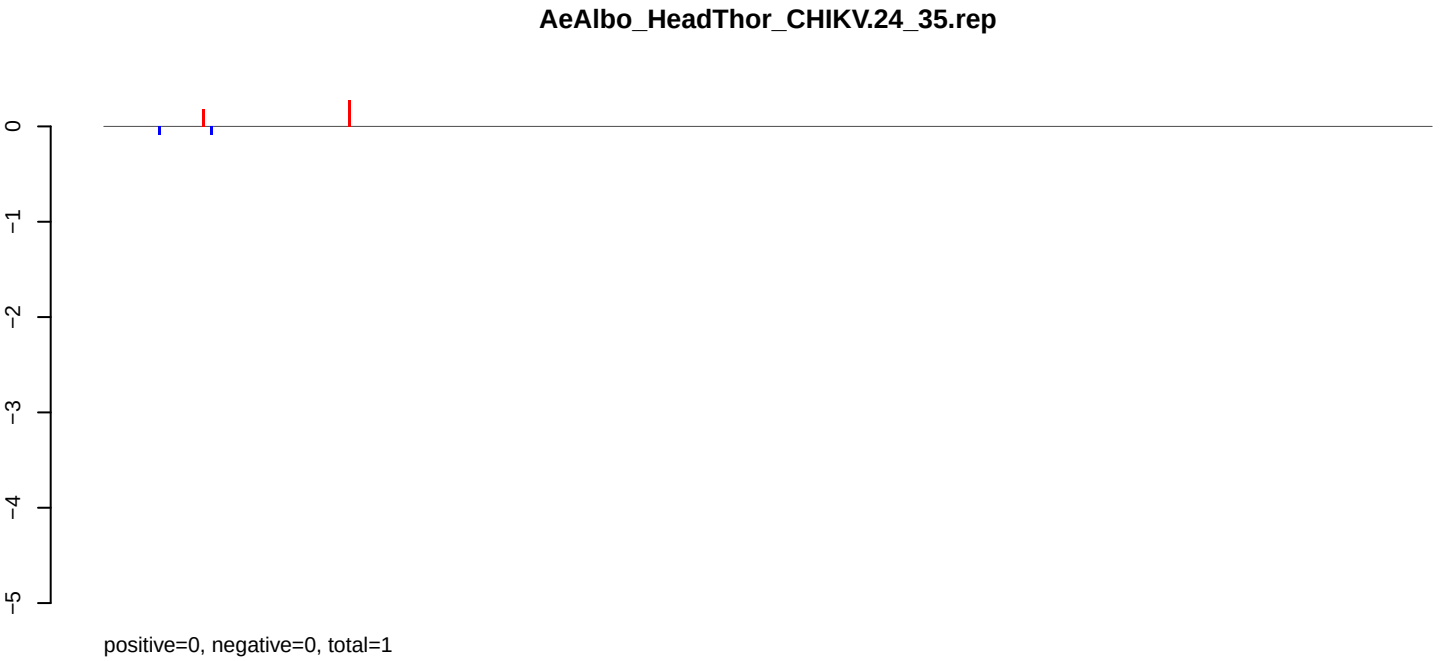

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=18, negative=8, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=18, negative=8, total=26
Window size=25, length=11147, TE@ltr−1_family−5583@LTR_Pao:1−11147
8
6
4
2
0
−2
0
2000
4000
6000
8000
10000

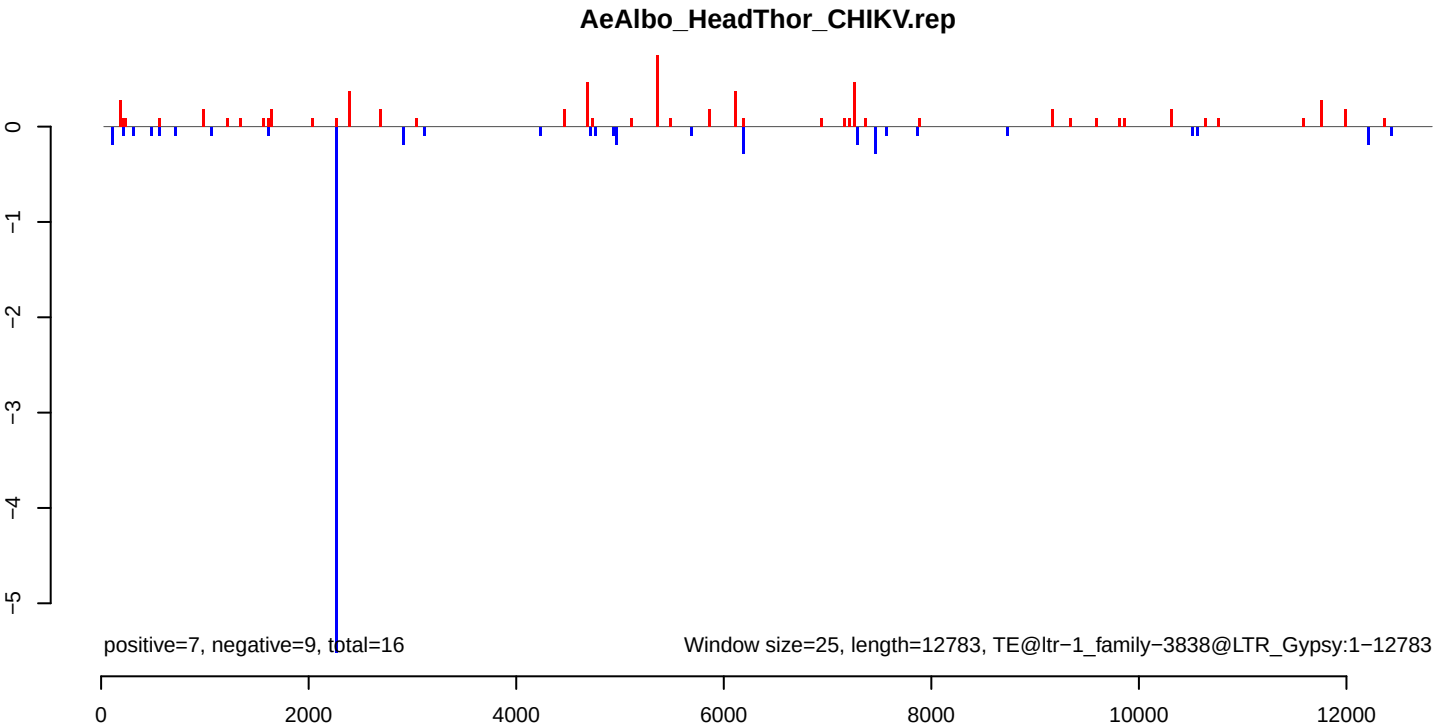

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=4, negative=19, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
positive=4, negative=20, total=24
Window size=25, length=5076, TE@ltr−1_family−5447@DNA:1−5076
0
1000
2000
3000
4000
5000

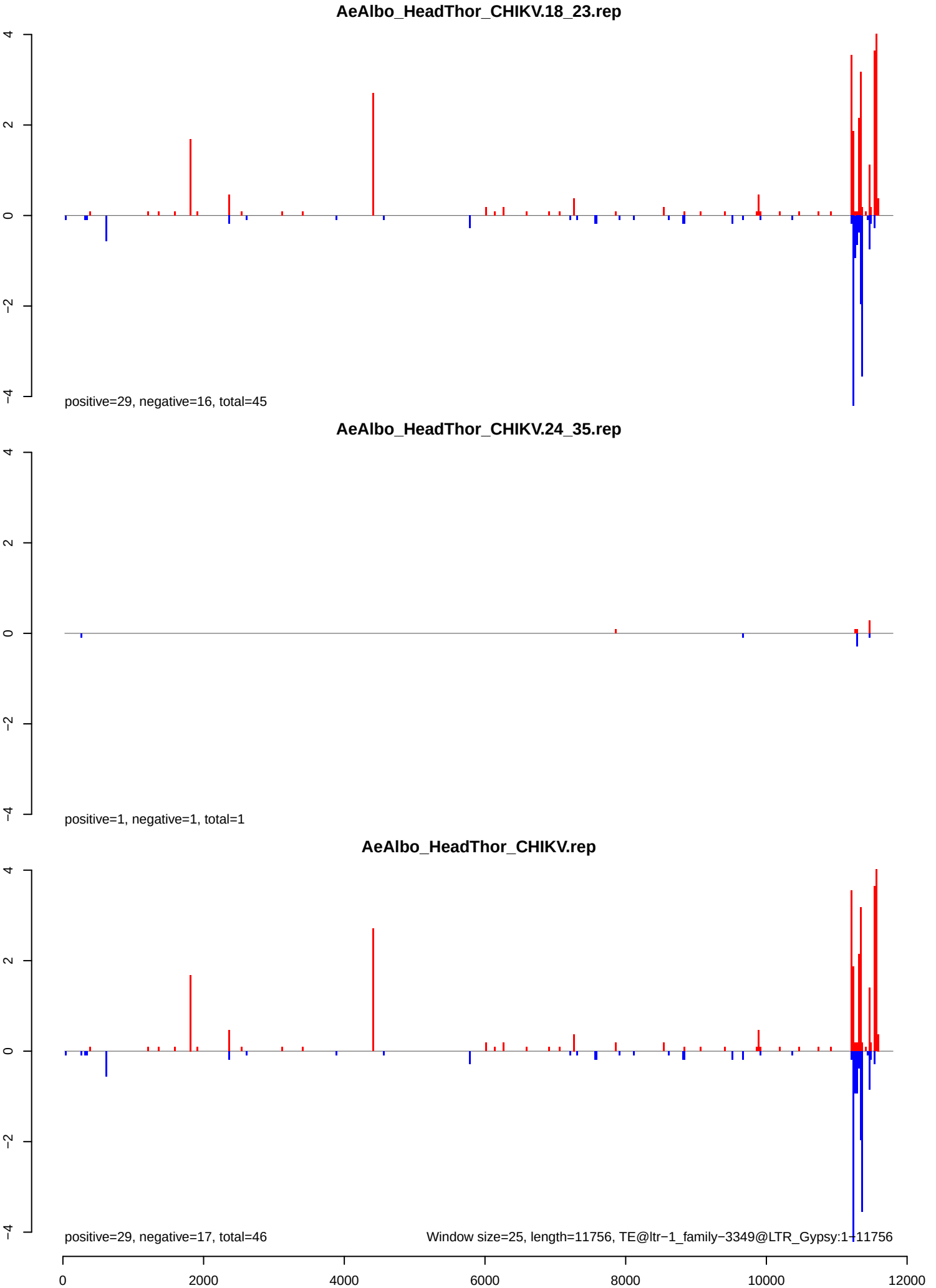

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=5, negative=22, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=10, negative=0, total=10
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=14, negative=23, total=37
Window size=25, length=10471, TE@ltr−1_family−4930@LTR_Pao:1−10471
0
2000
4000
6000
8000
10000

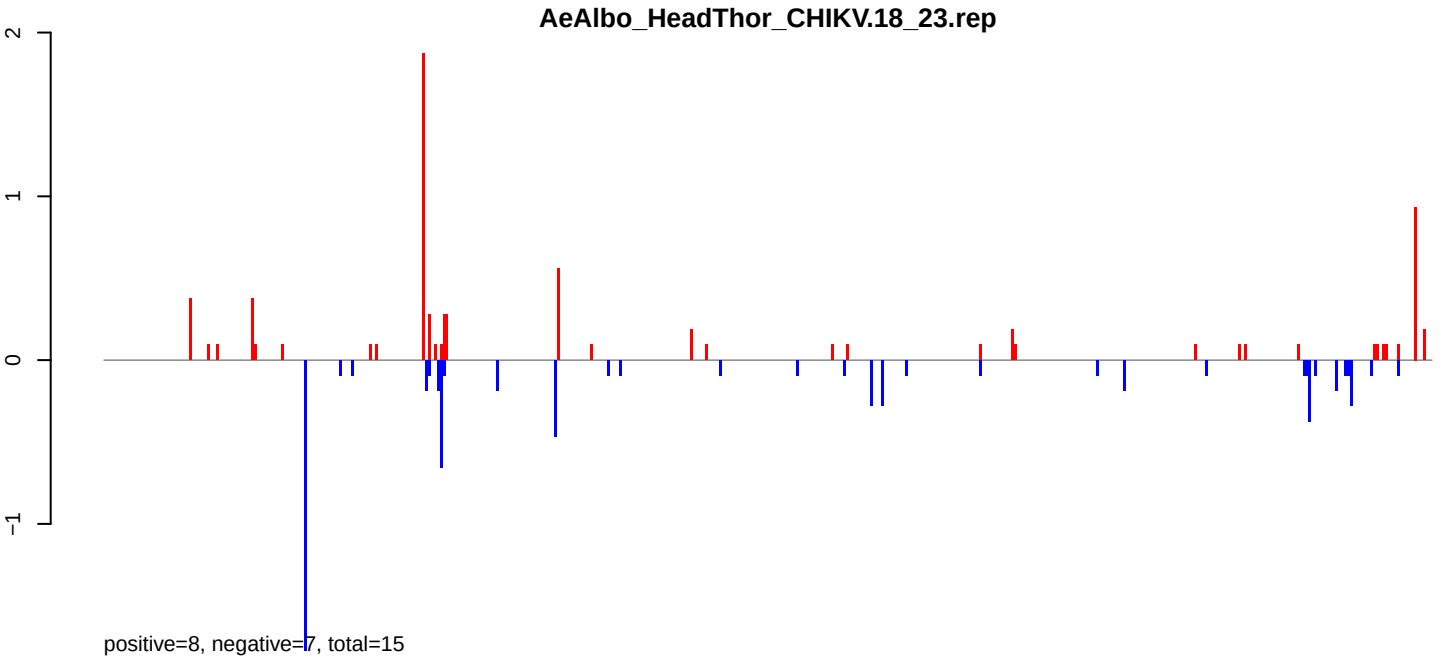

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=28, negative=31, total=59
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=29, negative=32, total=61
Window size=25, length=7167, TE@ltr−1_family−4417@LINE_CR1:1−7167
0
1000
2000
3000
4000
5000
6000
7000

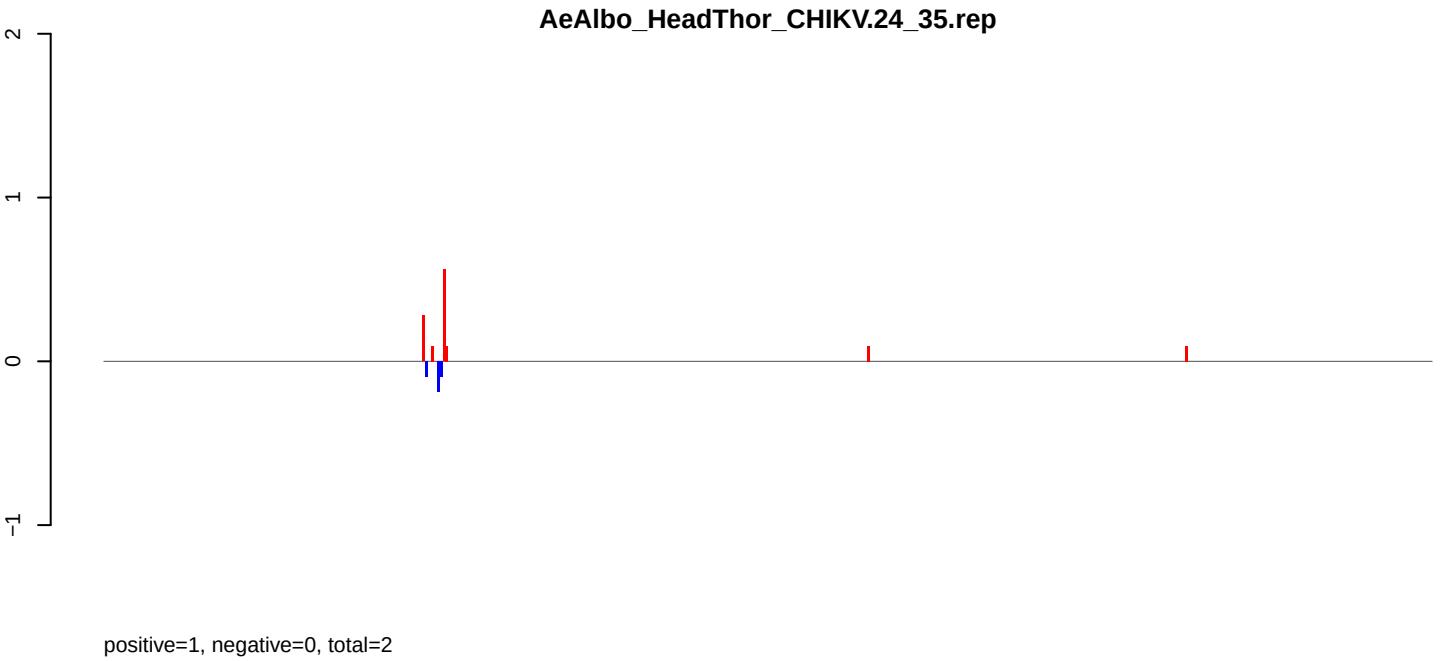

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=7, negative=9, total=15

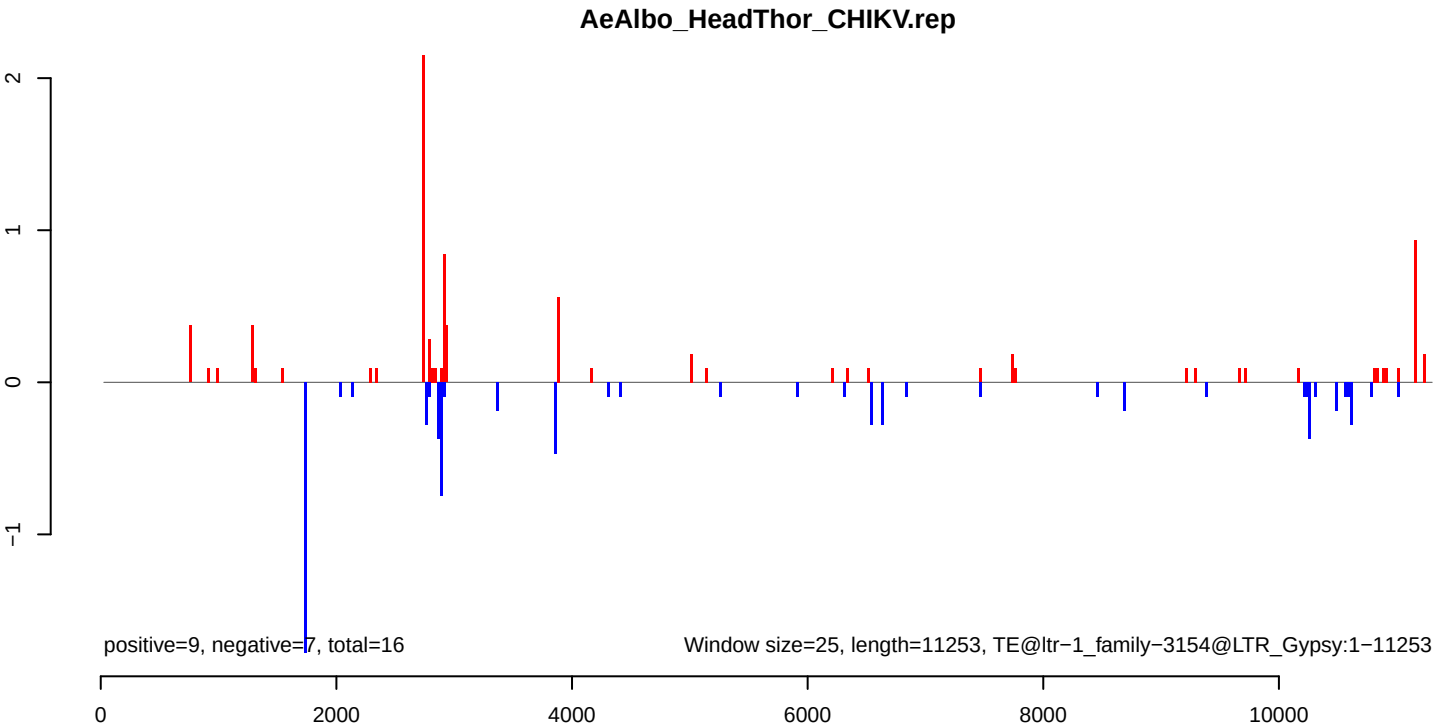

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=1

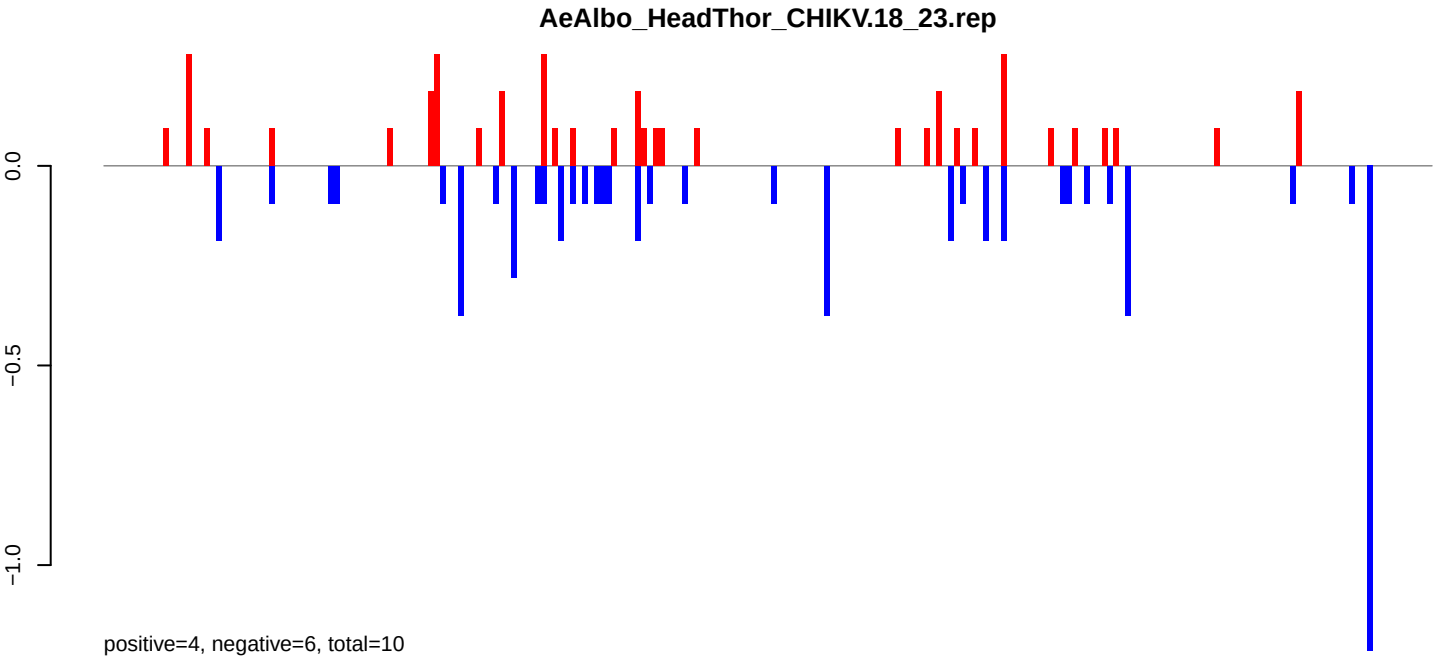

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=7, negative=9, total=16
Window size=25, length=12783, TE@ltr−1_family−3838@LTR_Gypsy:1−12783
0
2000
4000
6000
8000
10000
12000

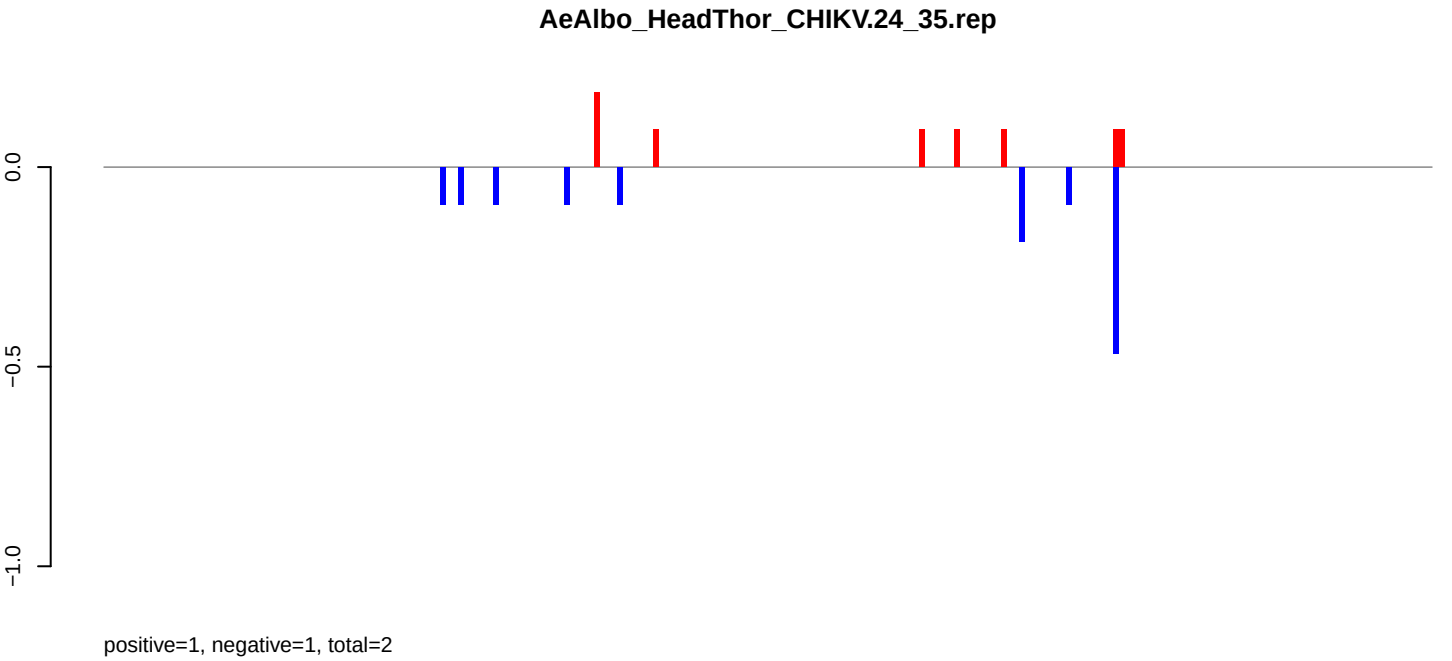

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=29, negative=16, total=45
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=29, negative=17, total=46
Window size=25, length=11756, TE@ltr−1_family−3349@LTR_Gypsy:1−11756
4
2
0
−2
−4
0
2000
4000
6000
8000
10000
12000

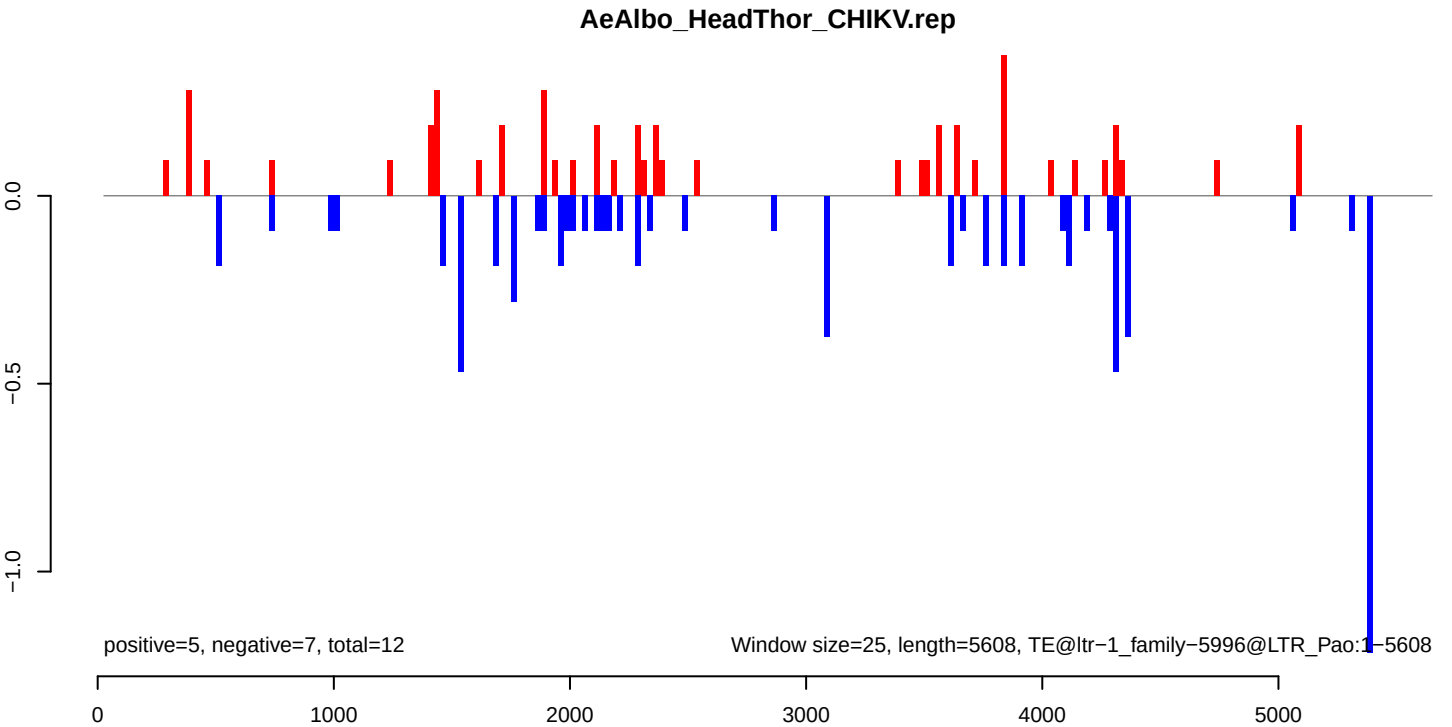

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=8, negative=7, total=15

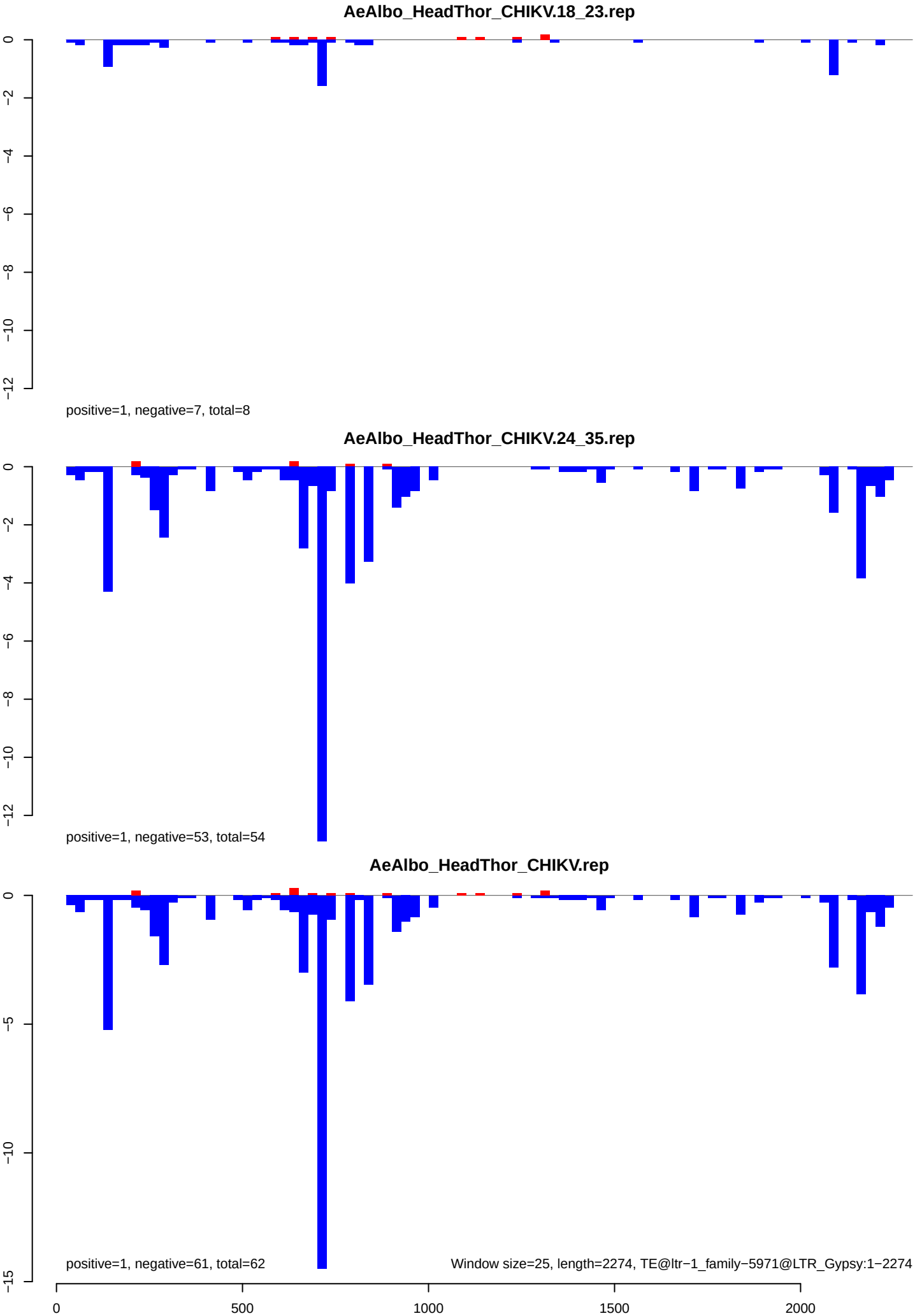

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=1, negative=0, total=2

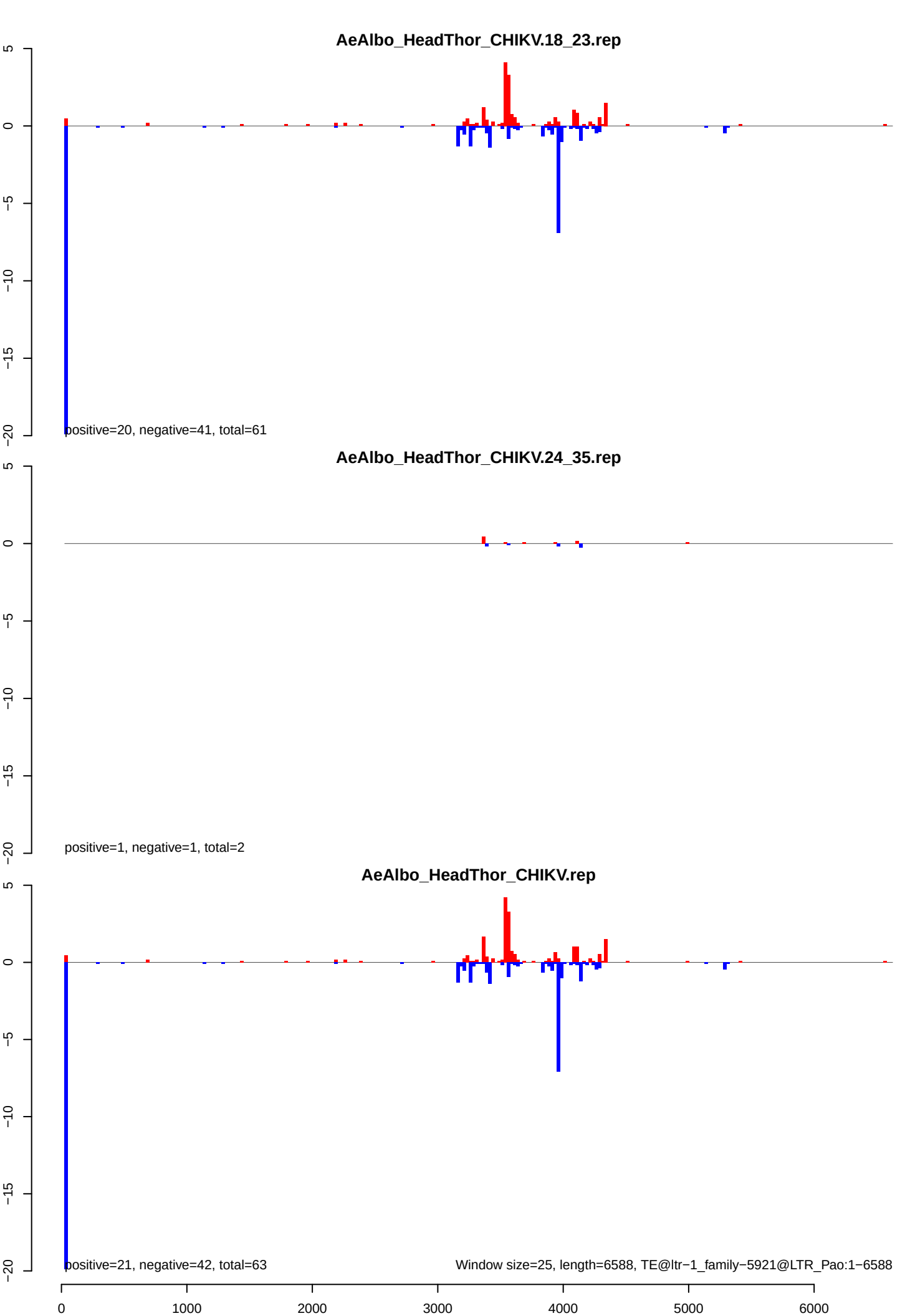

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=9, negative=7, total=16
Window size=25, length=11253, TE@ltr−1_family−3154@LTR_Gypsy:1−11253
0
2000
4000
6000
8000
10000

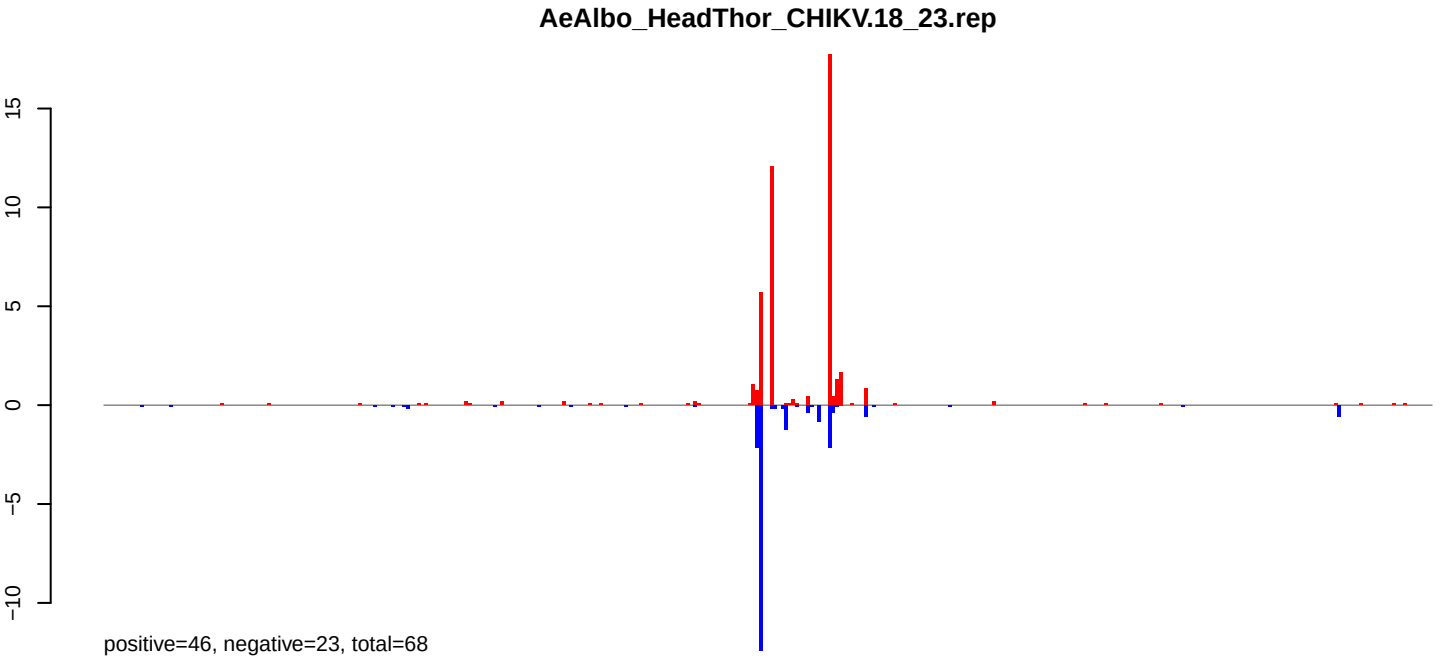

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=4, negative=6, total=10

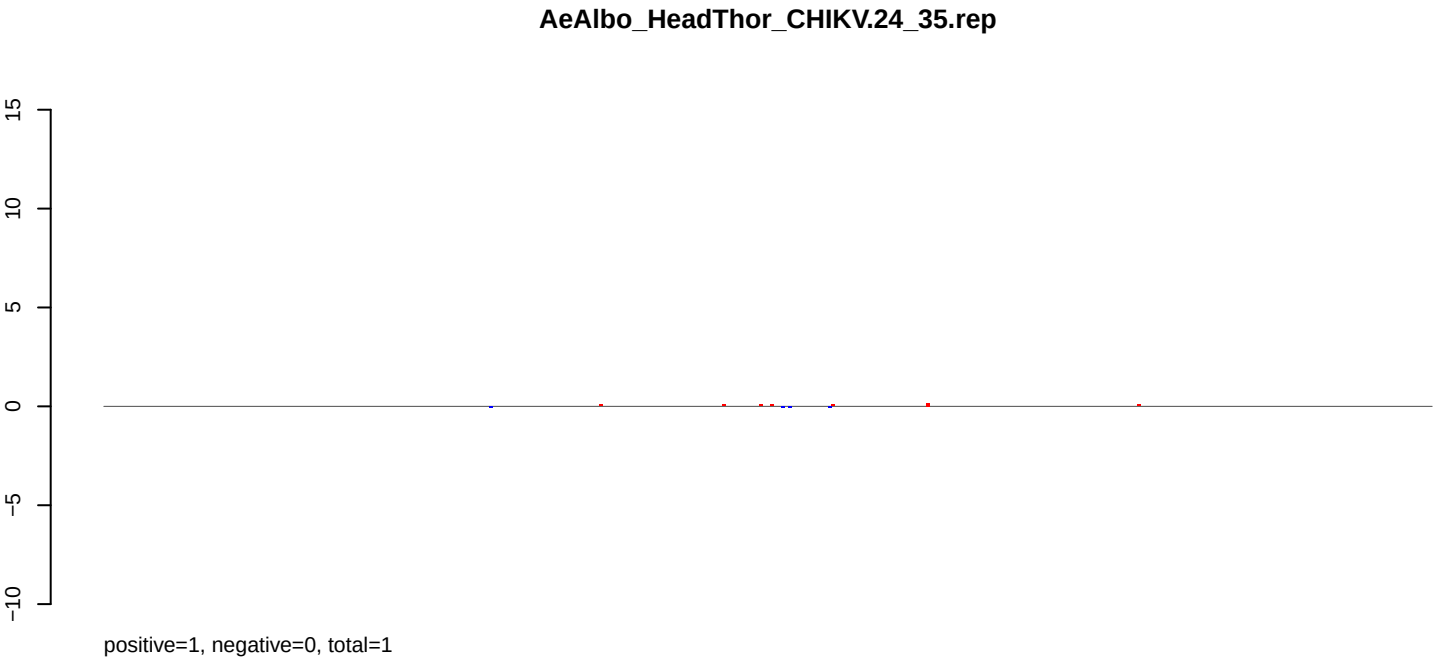

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=1, negative=1, total=2

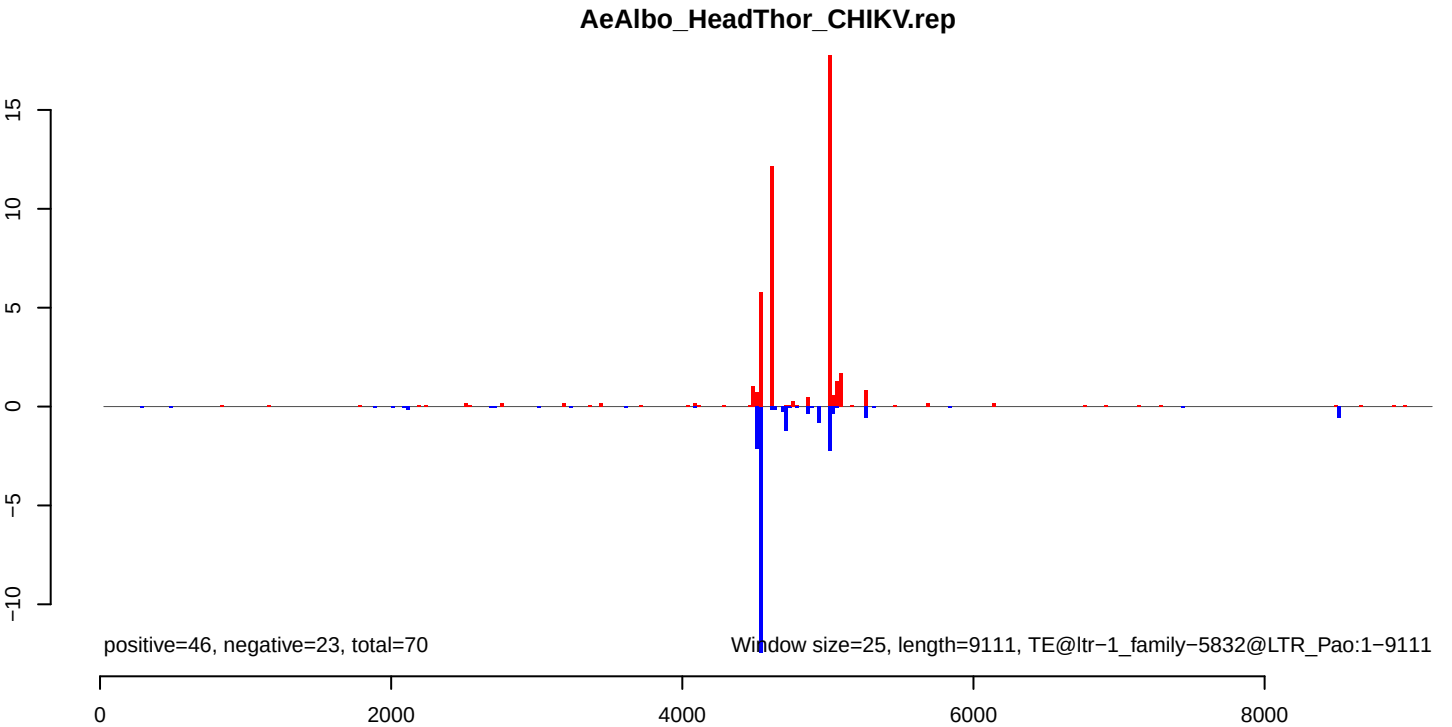

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=5, negative=7, total=12
Window size=25, length=5608, TE@ltr−1_family−5996@LTR_Pao:1−5608
0
1000
2000
3000
4000
5000

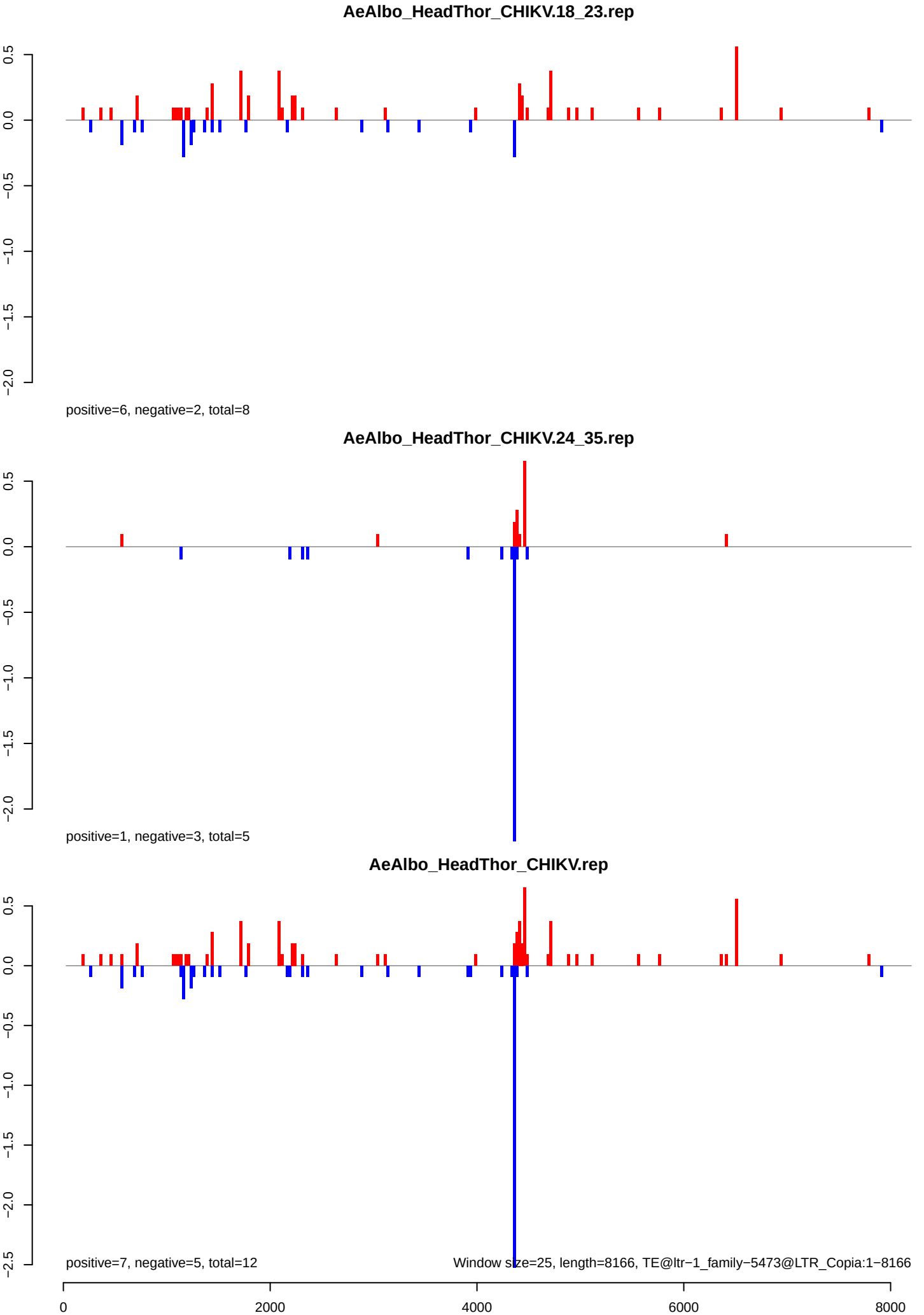

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=7, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=53, total=54
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=61, total=62
Window size=25, length=2274, TE@ltr−1_family−5971@LTR_Gypsy:1−2274
0
500
1000
1500
2000

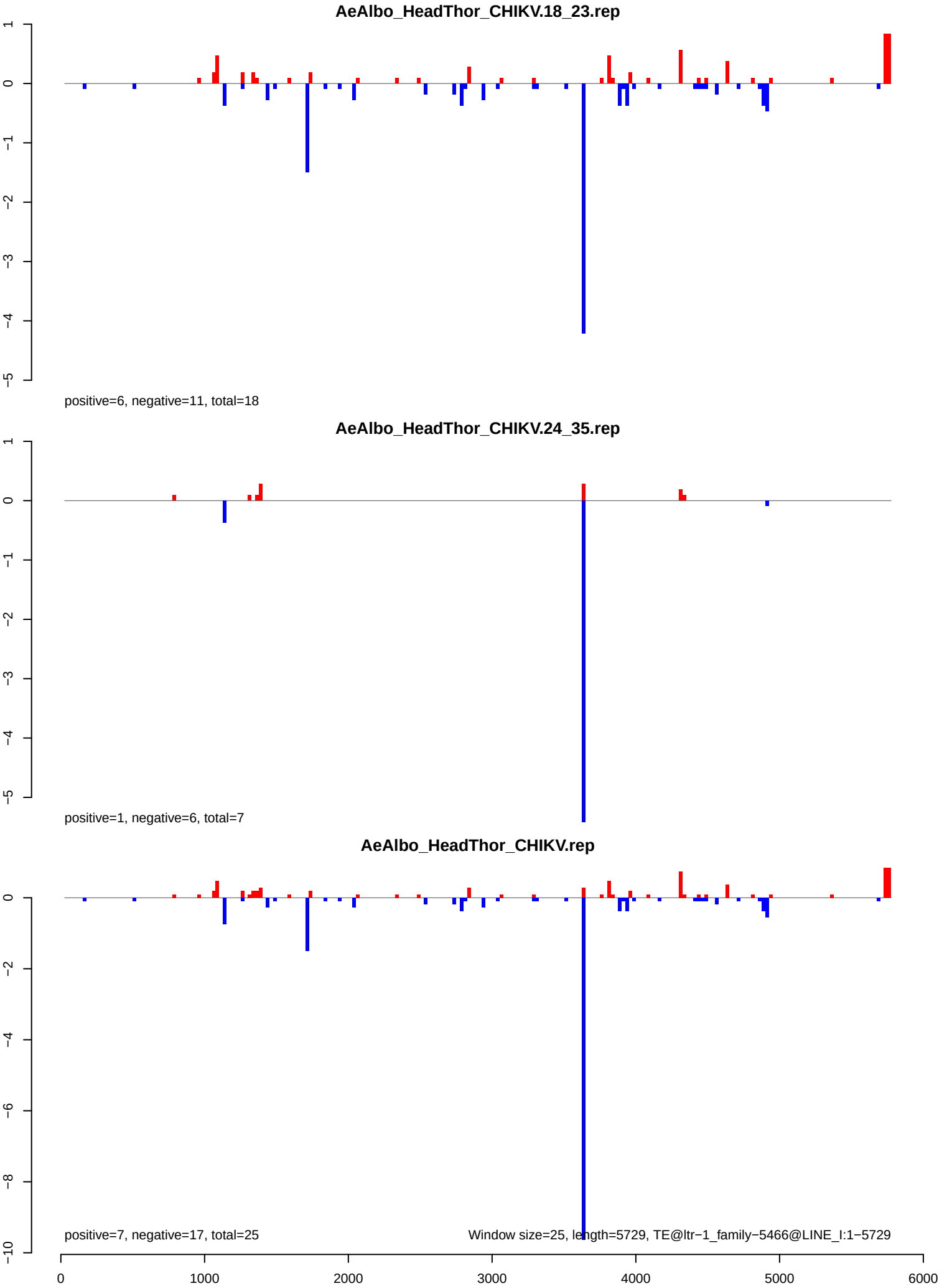

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=20, negative=41, total=61
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=21, negative=42, total=63
Window size=25, length=6588, TE@ltr−1_family−5921@LTR_Pao:1−6588
5
0
−5
−10
−15
−20
0
1000
2000
3000
4000
5000
6000

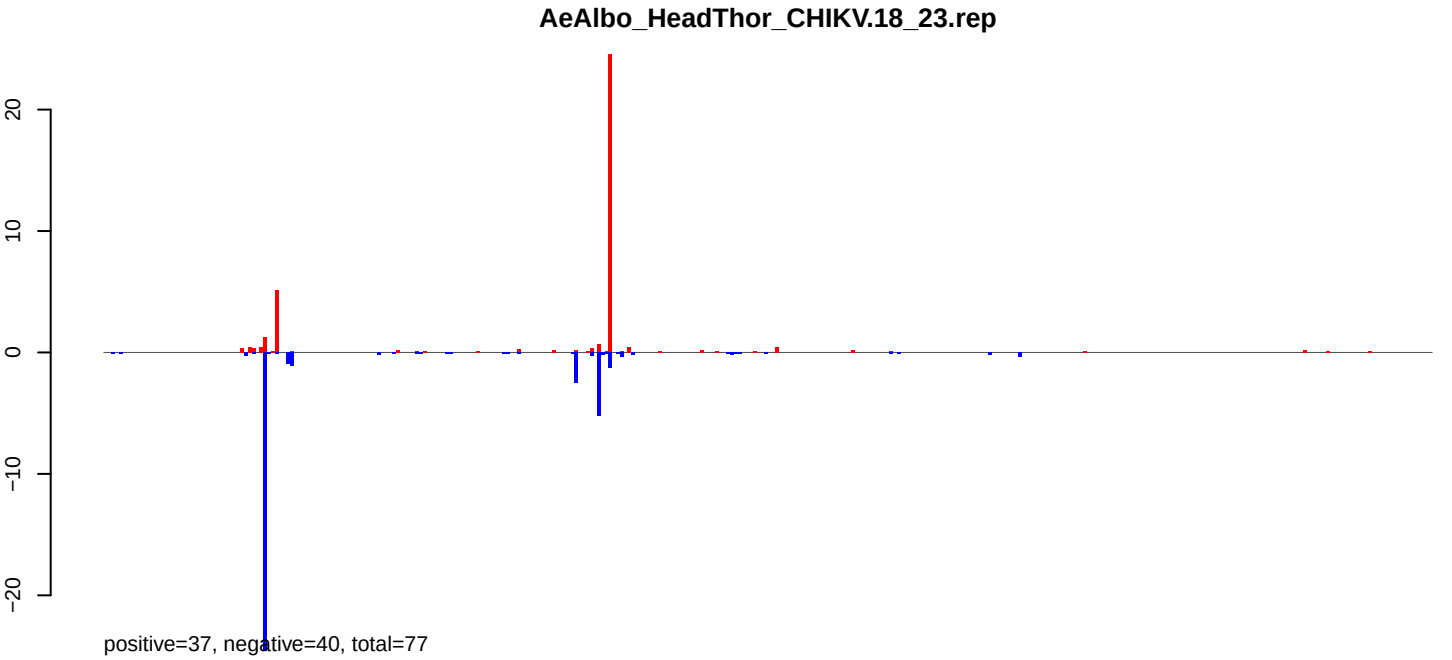

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
−10
positive=46, negative=23, total=68

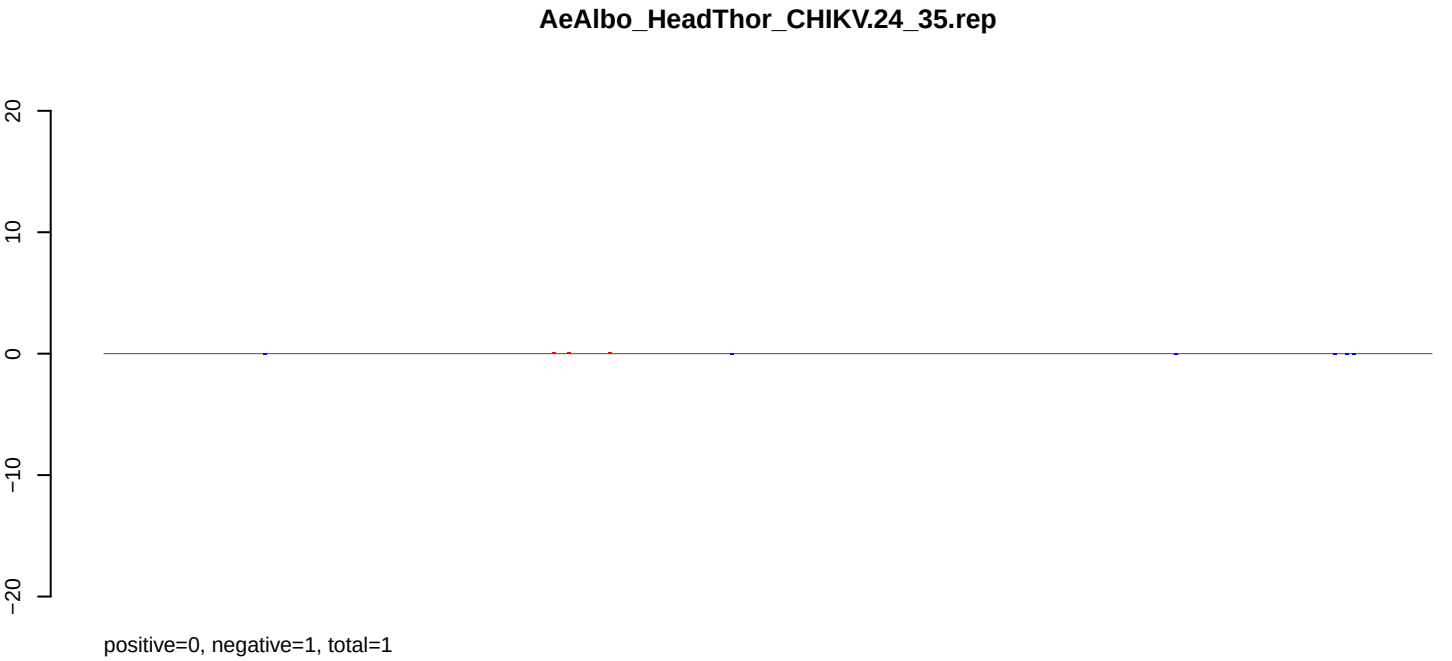

AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
−10
positive=1, negative=0, total=1

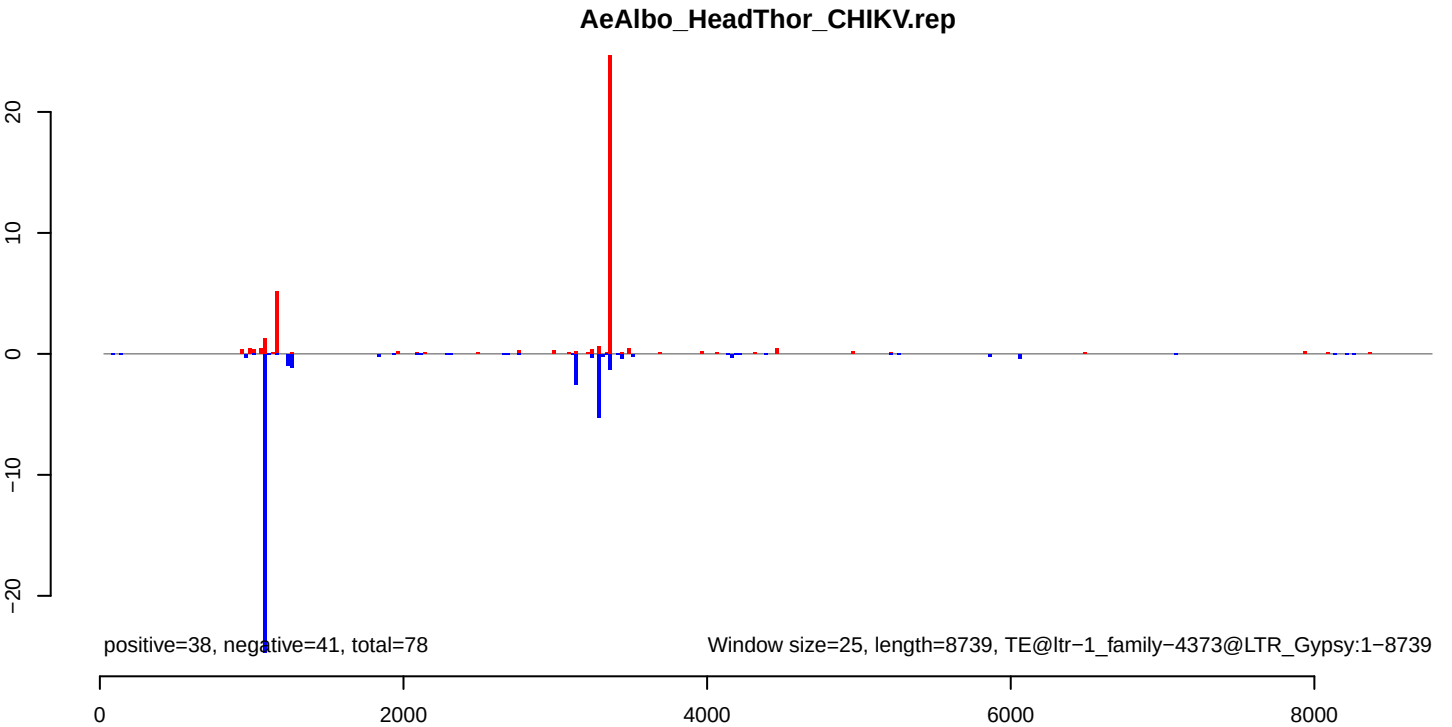

AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
−10
positive=46, negative=23, total=70
Window size=25, length=9111, TE@ltr−1_family−5832@LTR_Pao:1−9111
0
2000
4000
6000
8000

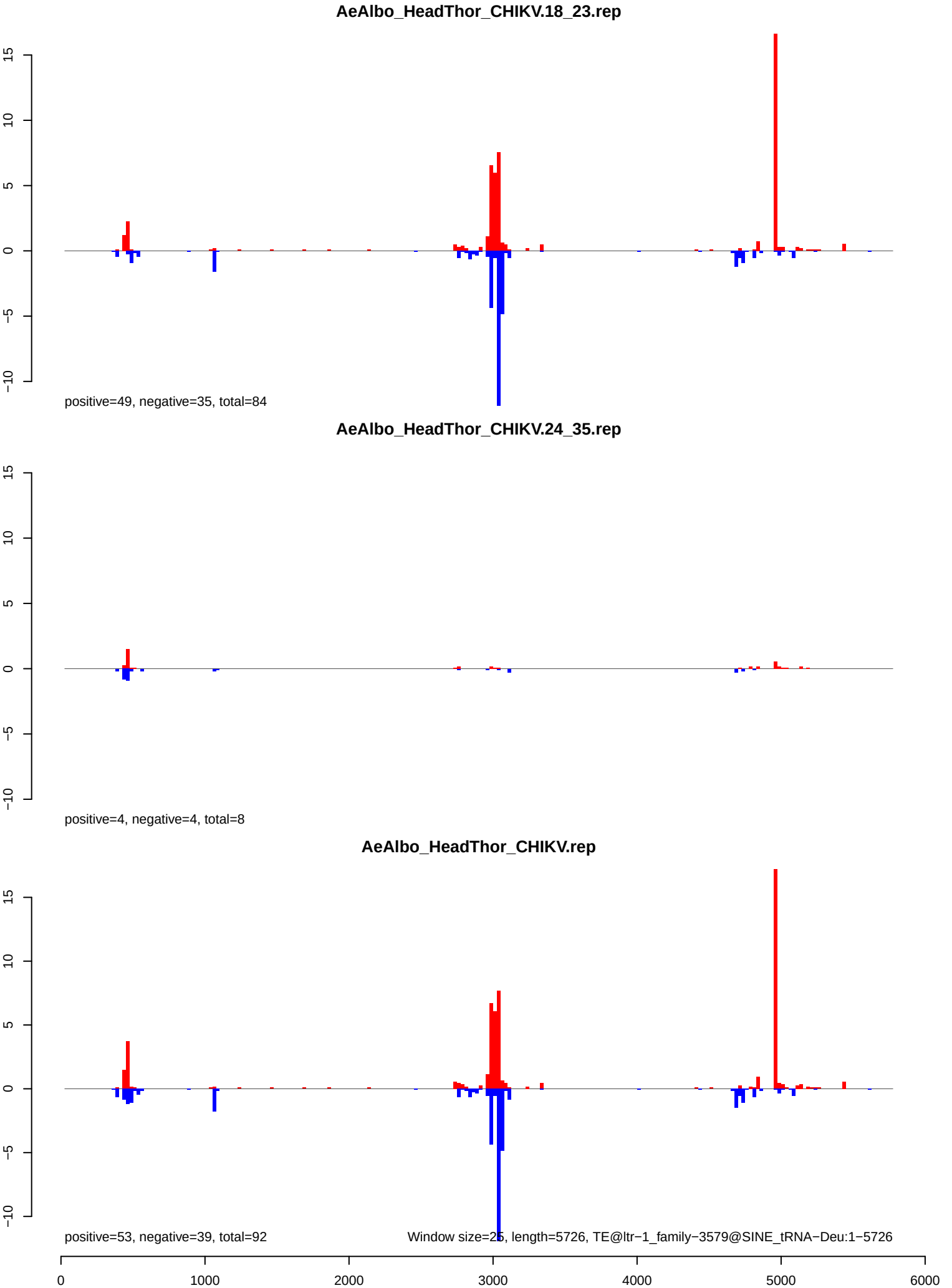

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=6, negative=2, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=5
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=7, negative=5, total=12
Window size=25, length=8166, TE@ltr−1_family−5473@LTR_Copia:1−8166
0
2000
4000
6000
8000

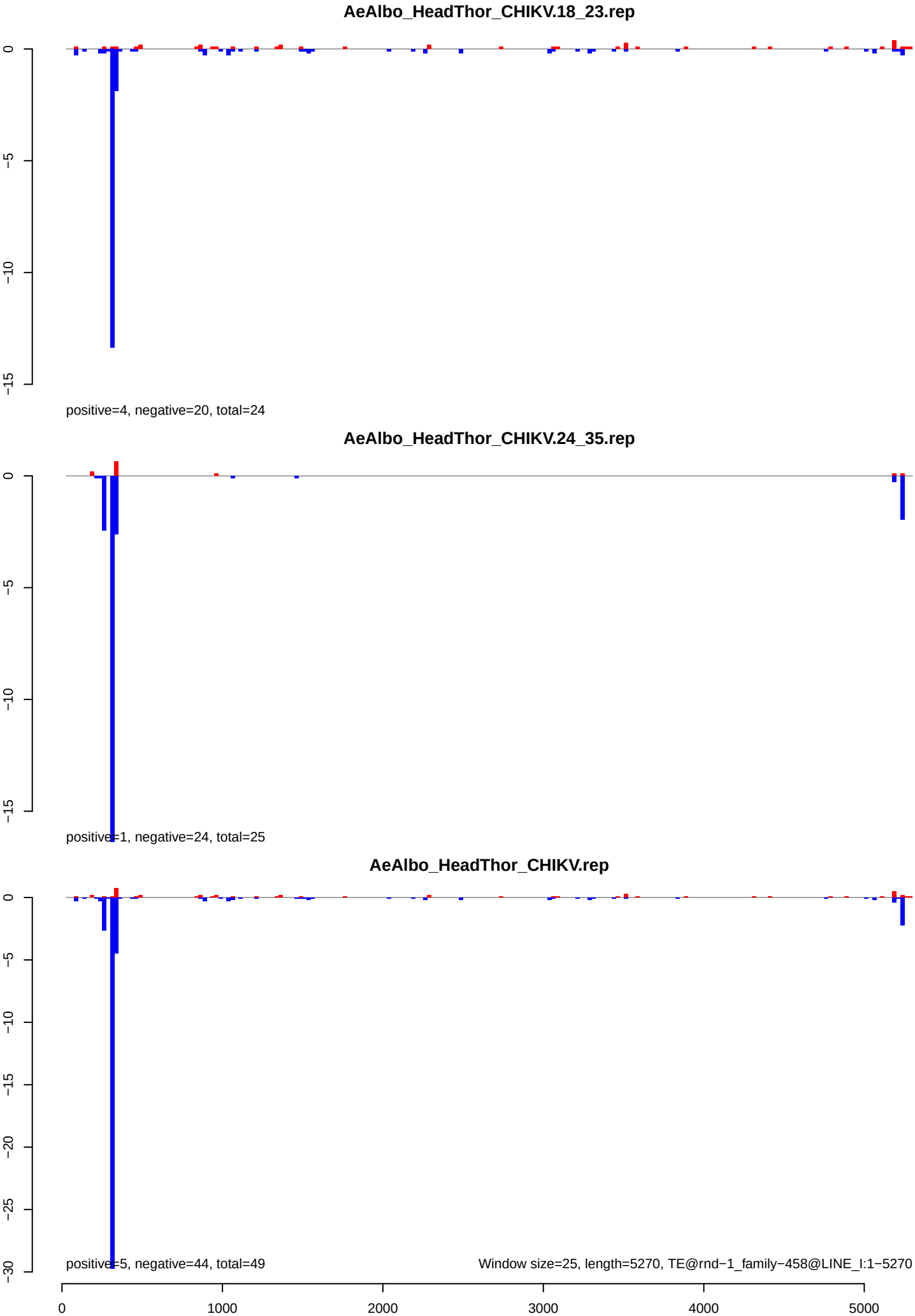

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=11, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=17, total=25
Window size=25, length=5729, TE@ltr−1_family−5466@LINE_I:1−5729
0
1000
2000
3000
4000
5000
6000

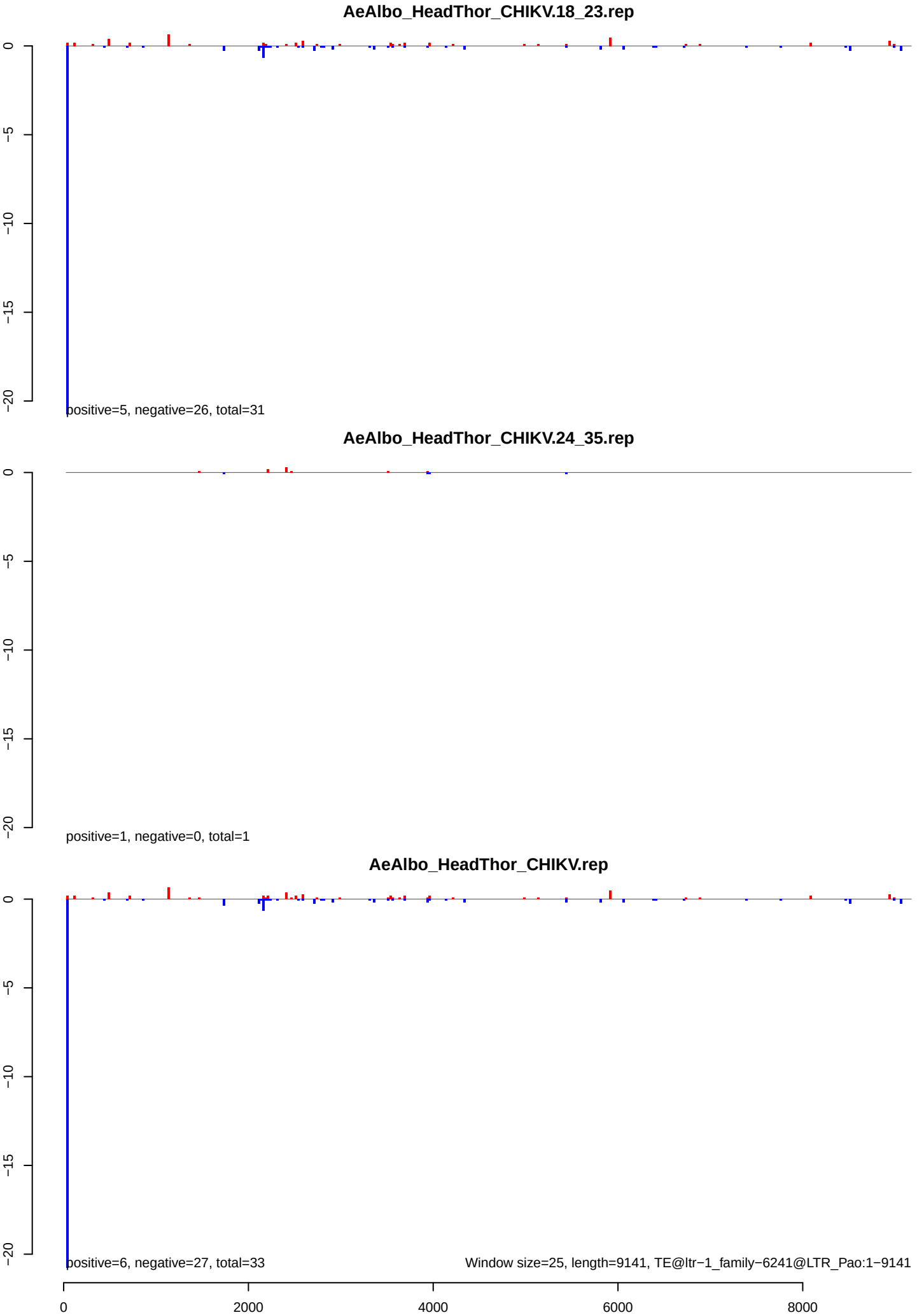

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=37, negative=40, total=77

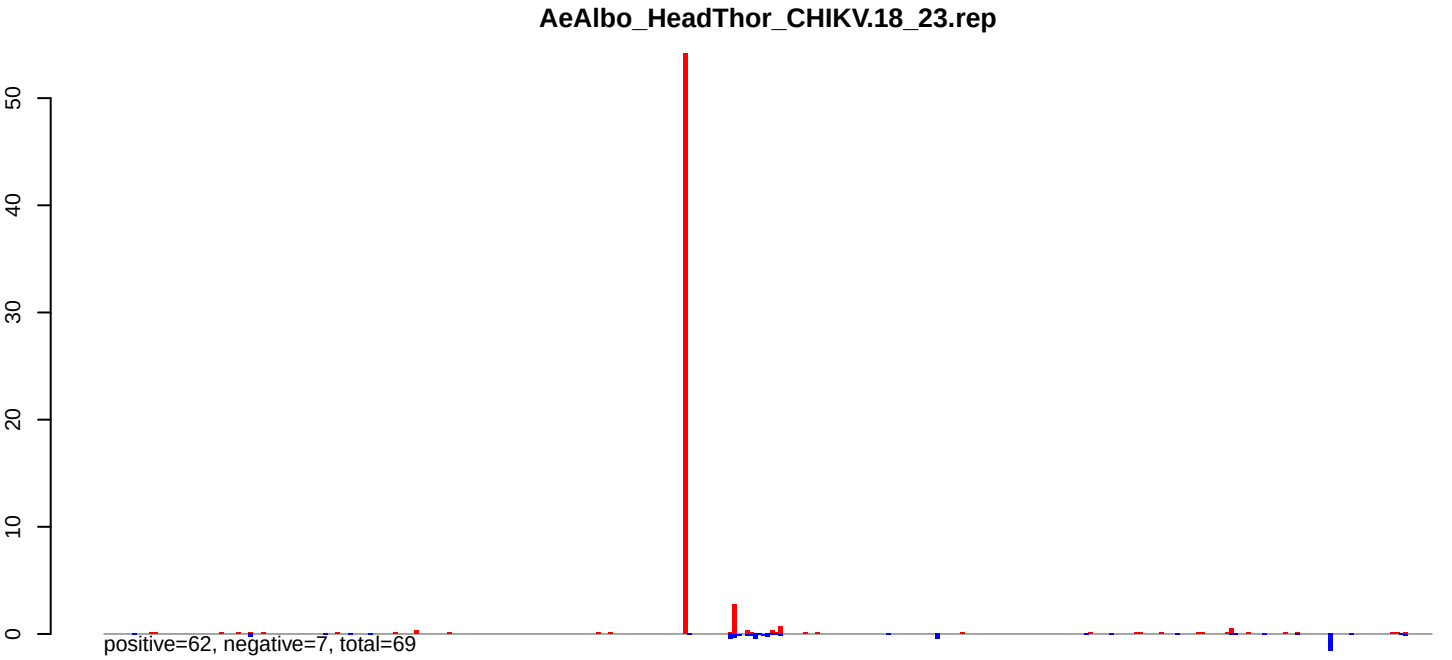

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=0, negative=1, total=1

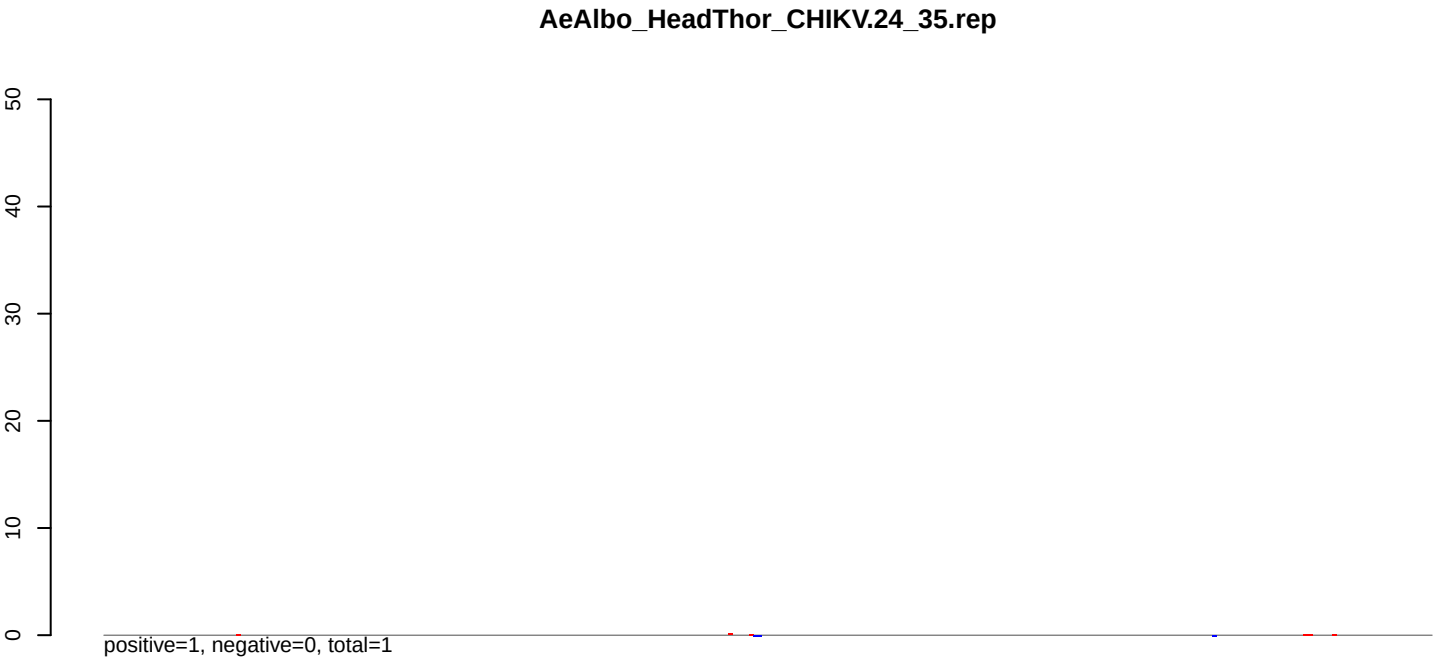

AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
positive=38, negative=41, total=78
Window size=25, length=8739, TE@ltr−1_family−4373@LTR_Gypsy:1−8739
0
2000
4000
6000
8000

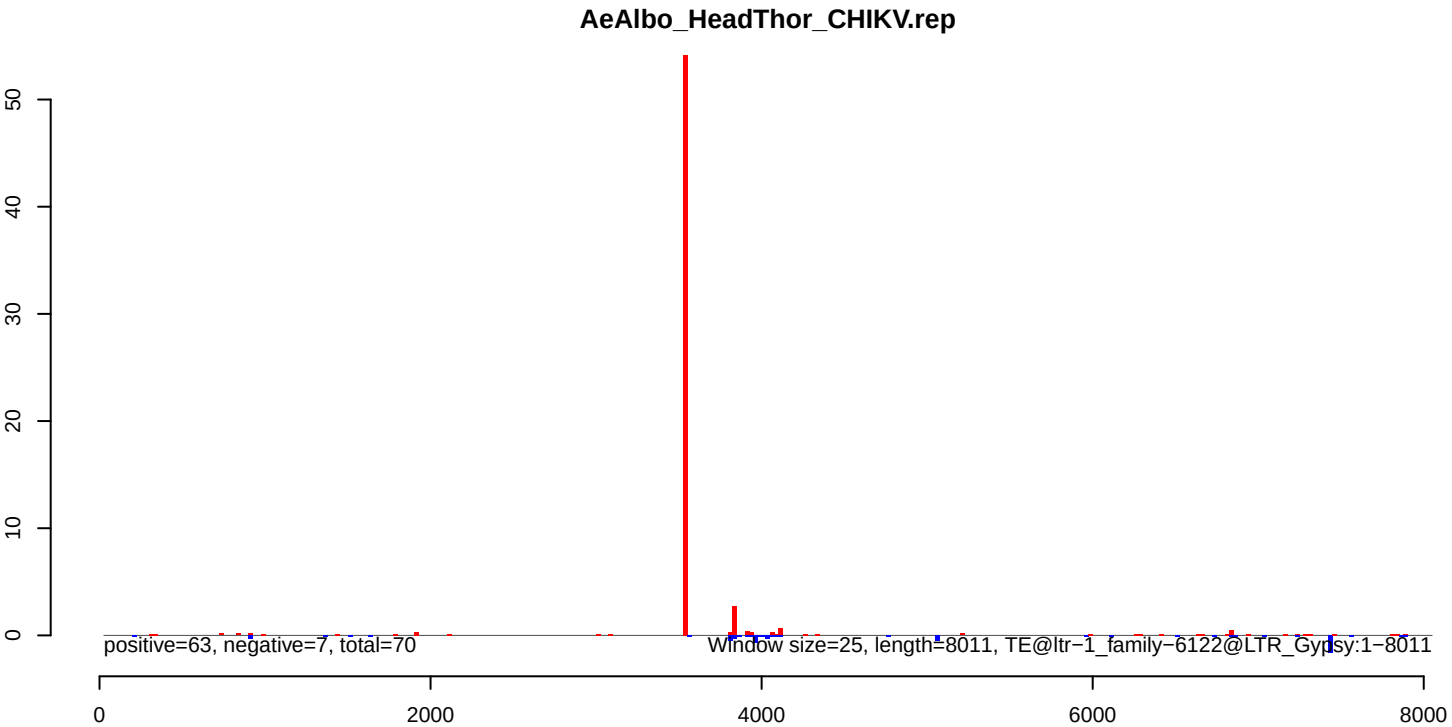

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
−10
positive=49, negative=35, total=84
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
−10
positive=4, negative=4, total=8
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
−10
positive=53, negative=39, total=92
Window size=25, length=5726, TE@ltr−1_family−3579@SINE_tRNA−Deu:1−5726
0
1000
2000
3000
4000
5000
6000

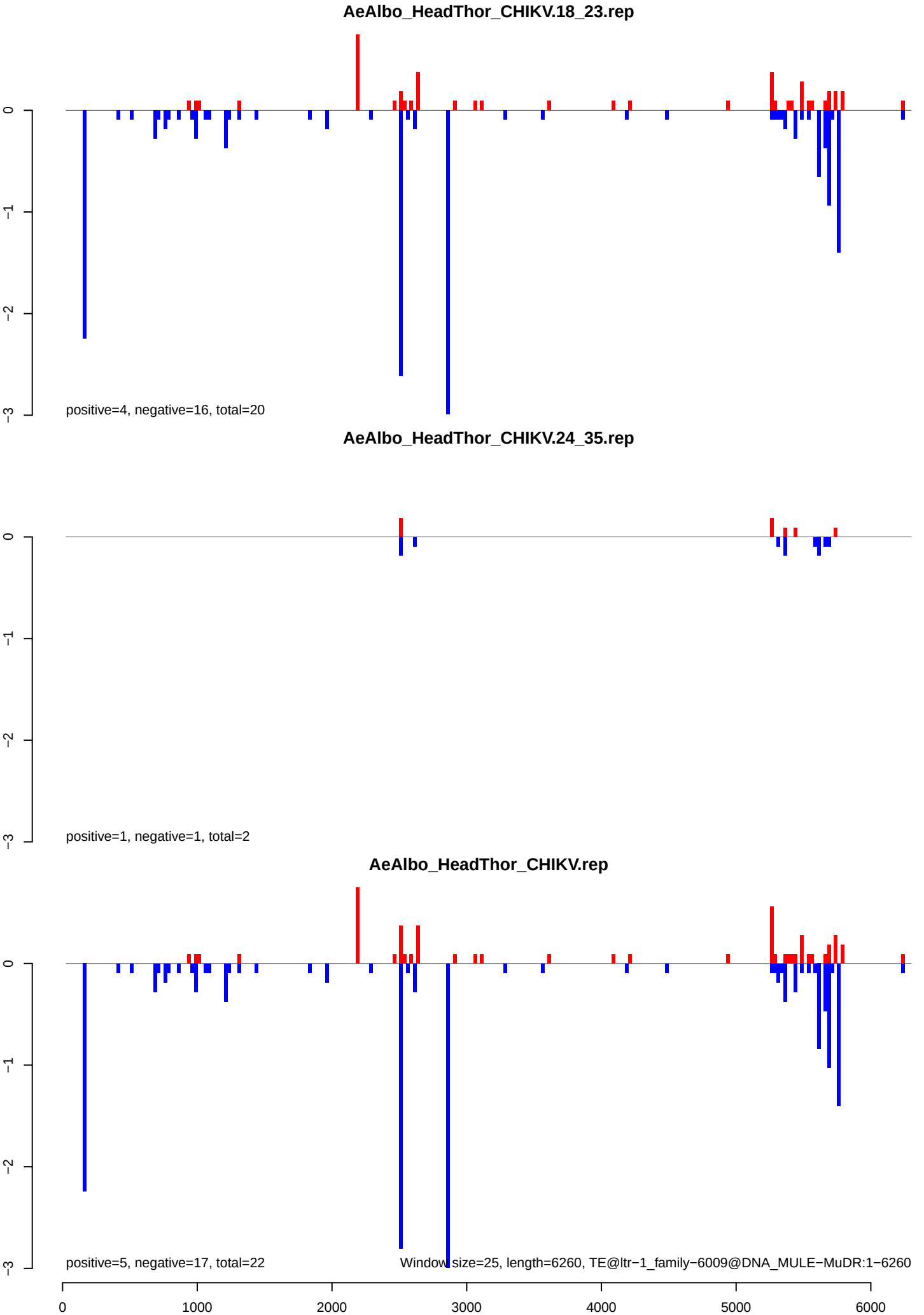

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=4, negative=20, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=1, negative=24, total=25
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=5, negative=44, total=49
Window size=25, length=5270, TE@rnd−1_family−458@LINE_I:1−5270
0
1000
2000
3000
4000
5000

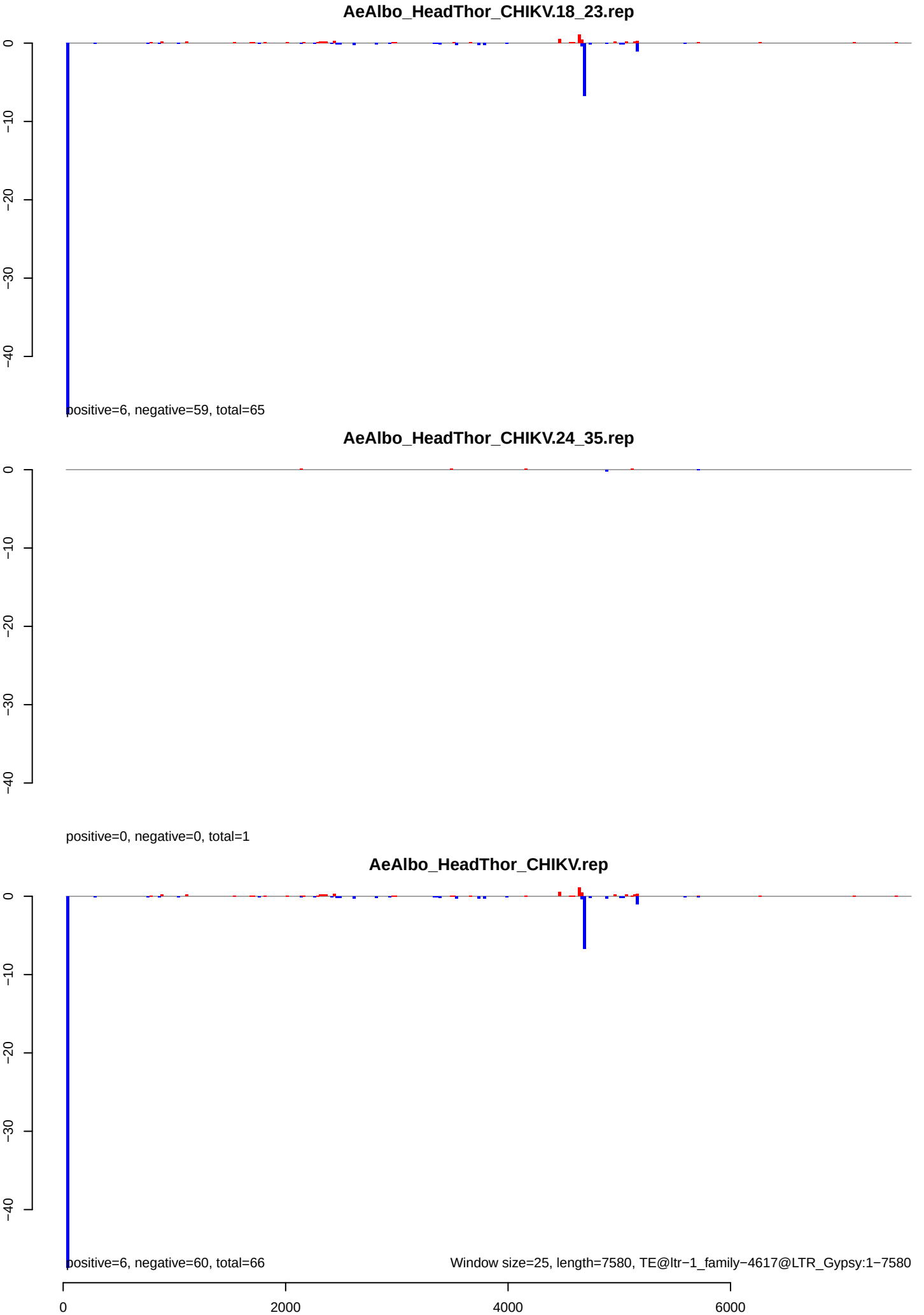

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=5, negative=26, total=31
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=6, negative=27, total=33
Window size=25, length=9141, TE@ltr−1_family−6241@LTR_Pao:1−9141
0
2000
4000
6000
8000

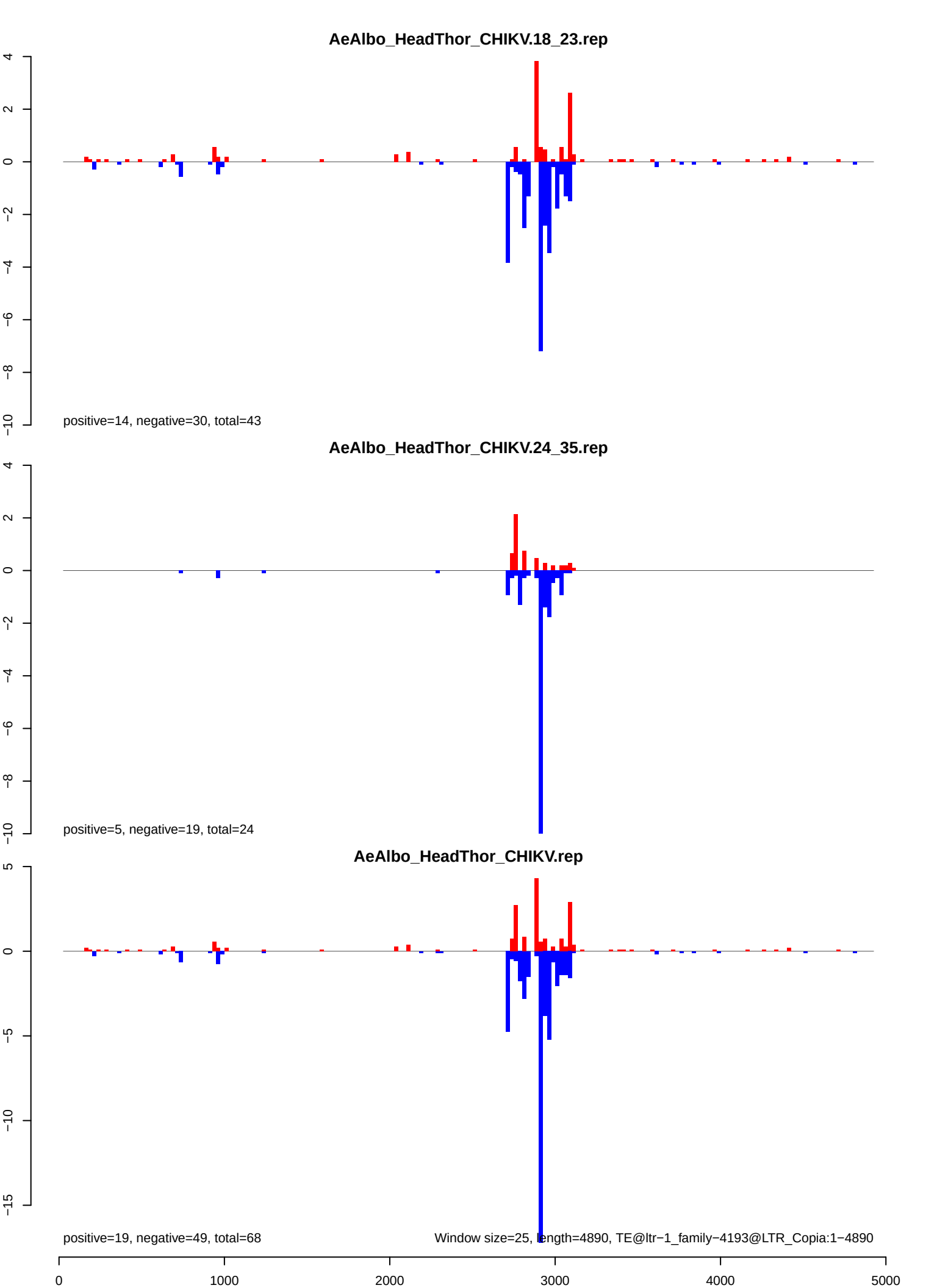

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
50
positive=62, negative=7, total=69

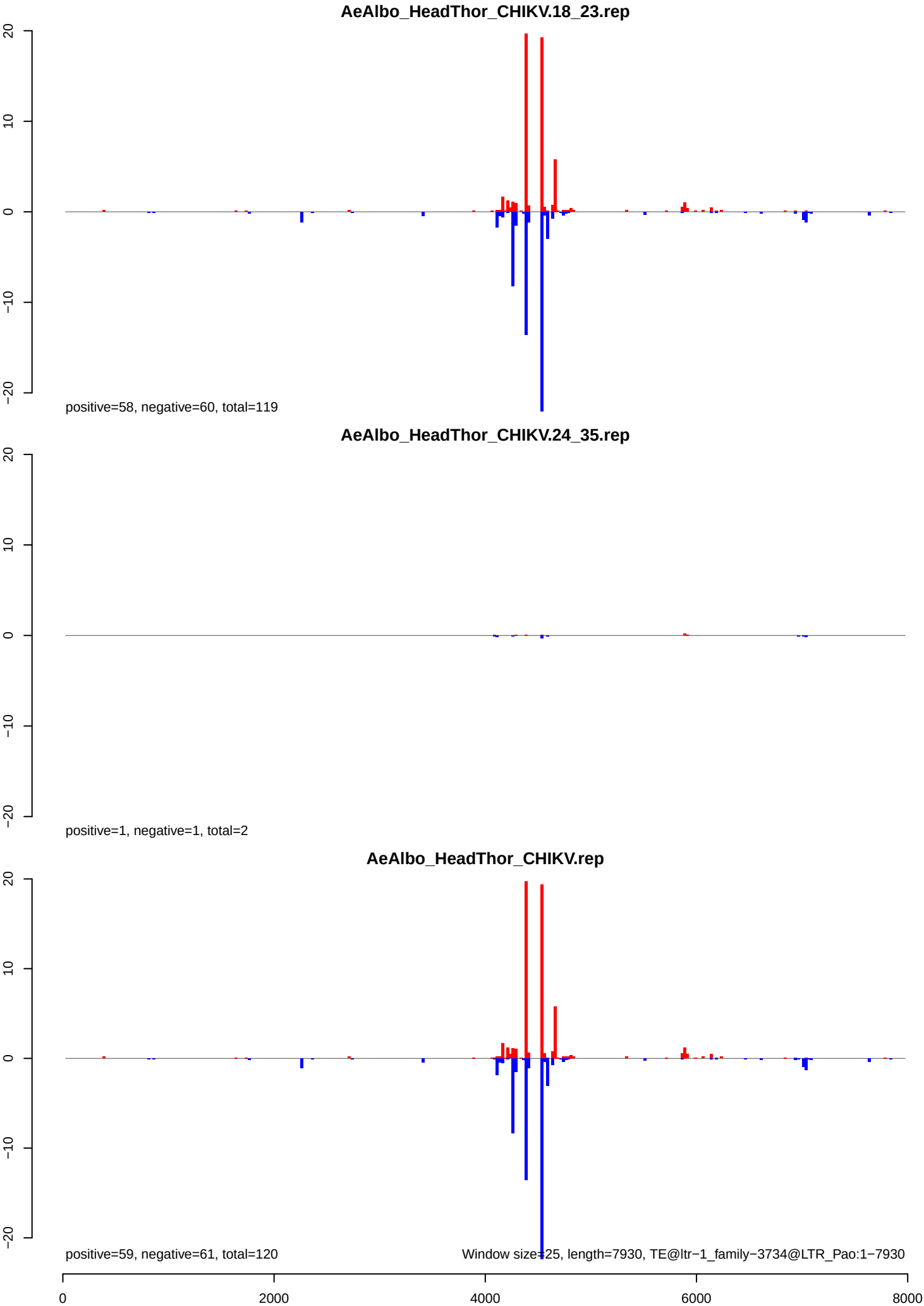

AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
50
positive=1, negative=0, total=1

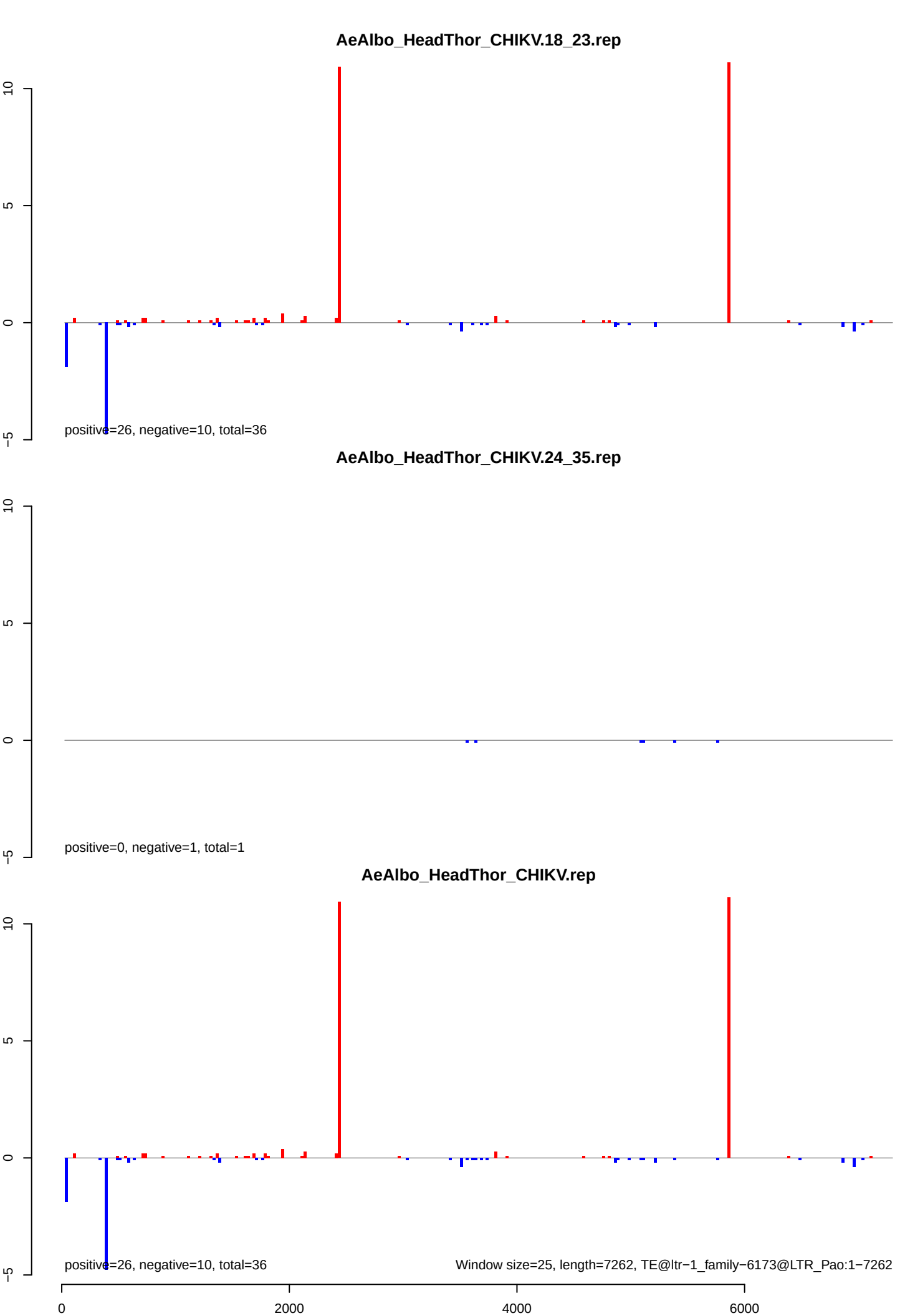

AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
50
positive=63, negative=7, total=70
Window size=25, length=8011, TE@ltr−1_family−6122@LTR_Gypsy:1−8011
0
2000
4000
6000
8000

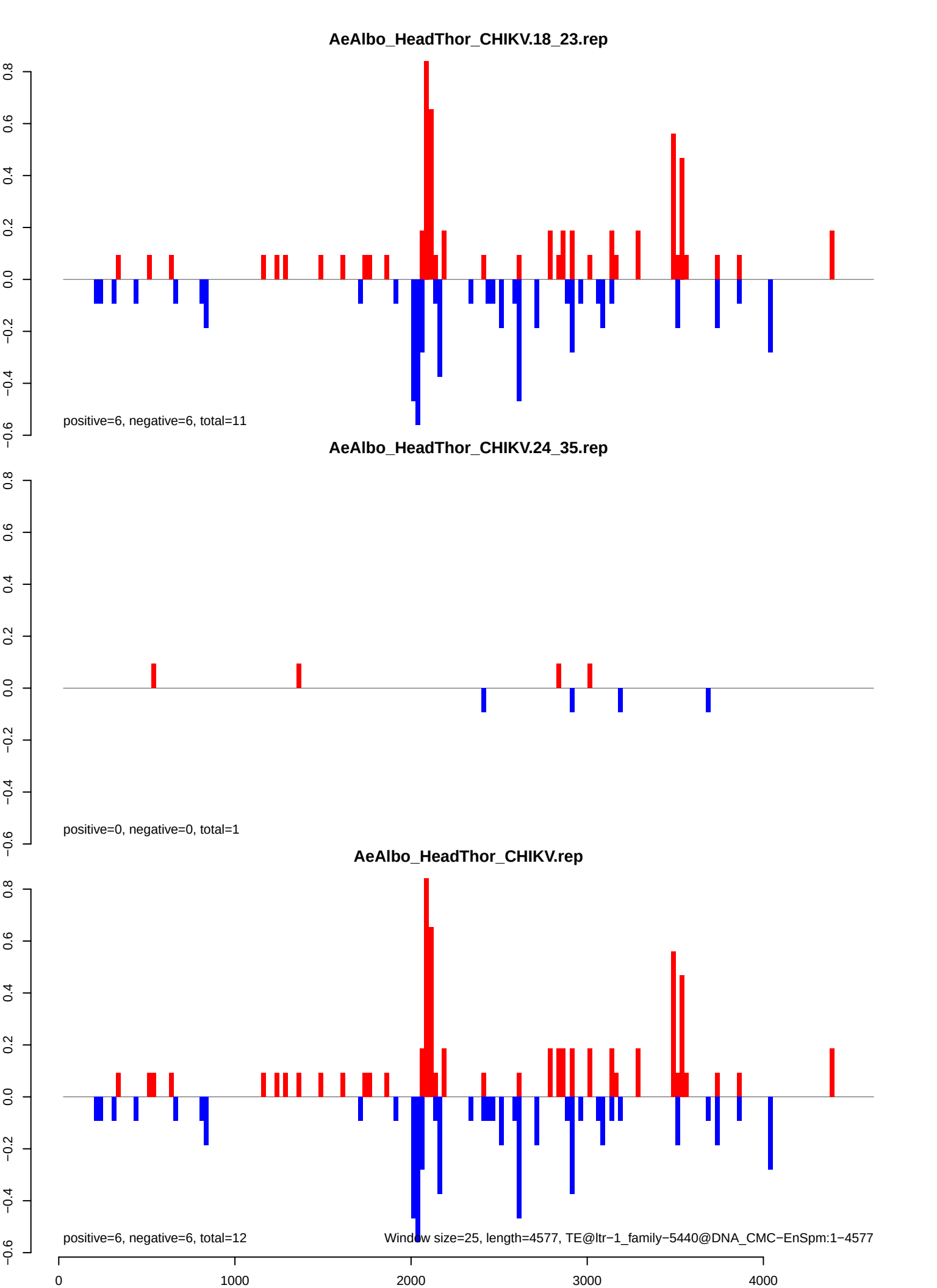

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=16, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=17, total=22
Window size=25, length=6260, TE@ltr−1_family−6009@DNA_MULE−MuDR:1−6260
0
−1
−2
−3
0
1000
2000
3000
4000
5000
6000

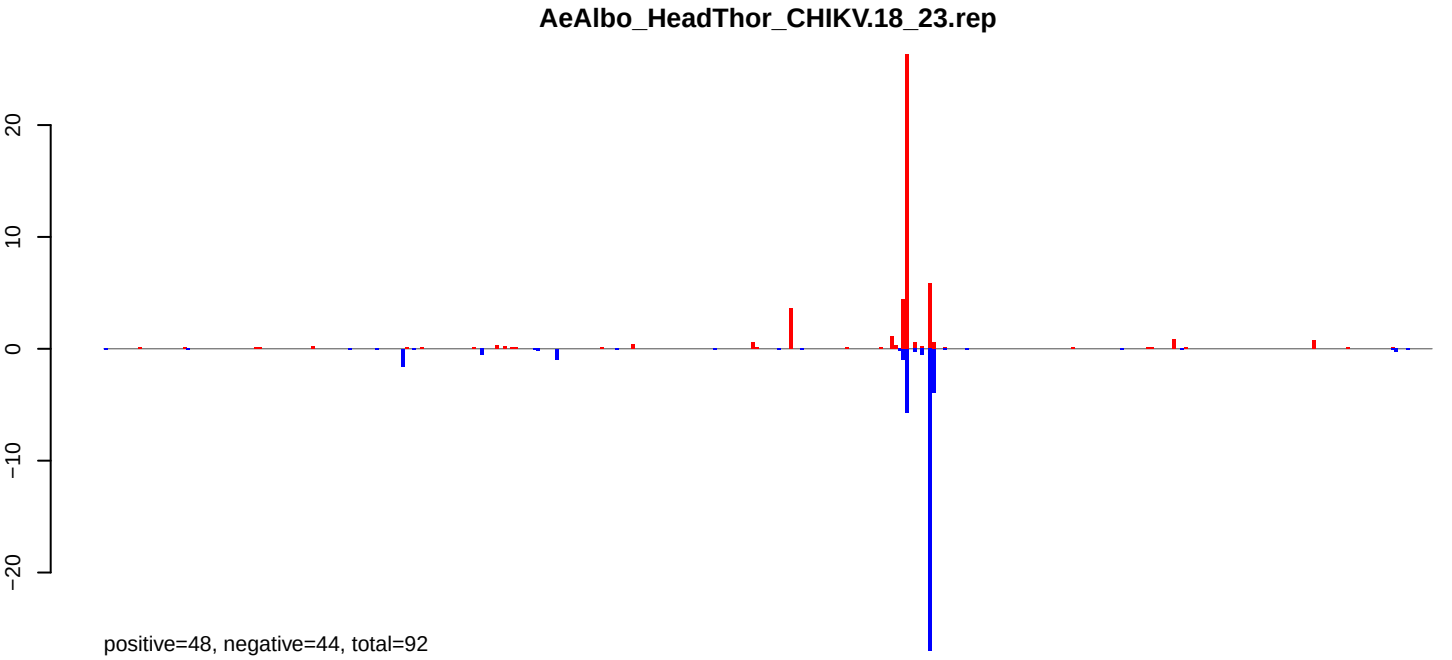

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=6, negative=59, total=65
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=6, negative=60, total=66
Window size=25, length=7580, TE@ltr−1_family−4617@LTR_Gypsy:1−7580
0
2000
4000
6000

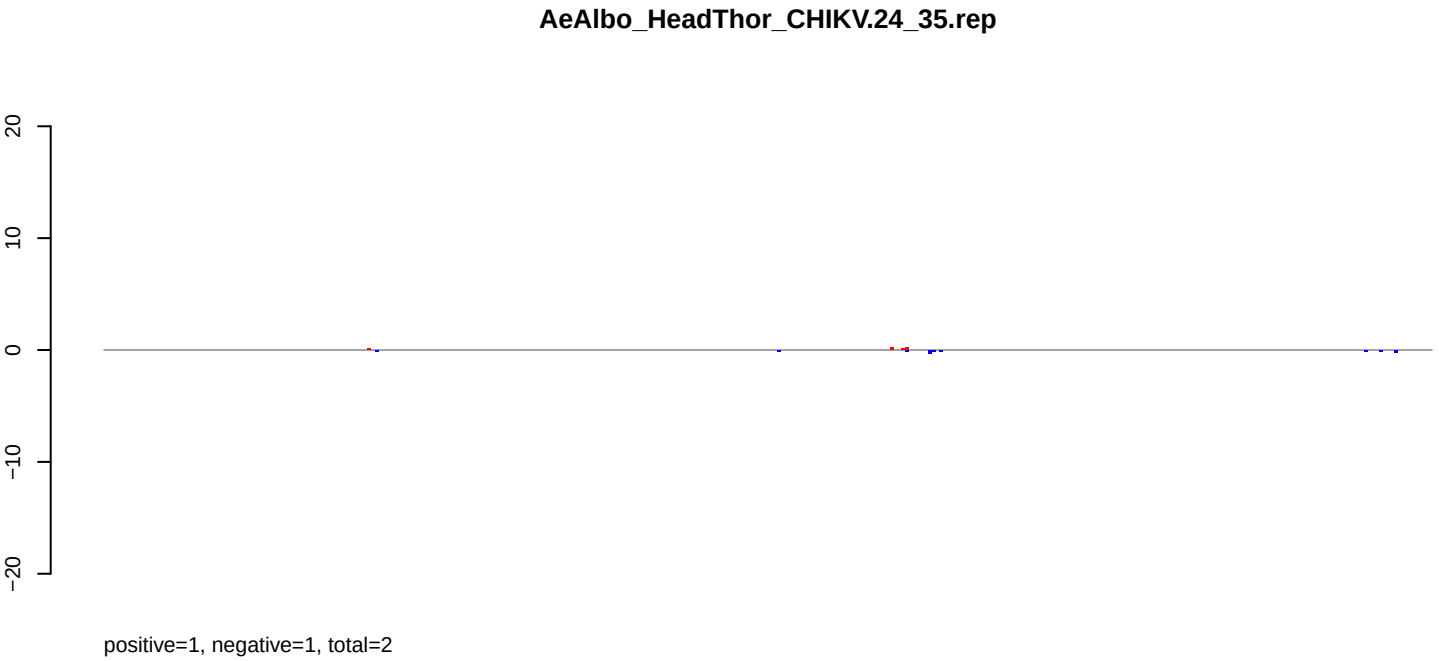

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=30, total=43
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=5, negative=19, total=24
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=49, total=68
Window size=25, length=4890, TE@ltr−1_family−4193@LTR_Copia:1−4890
0
1000
2000
3000
4000
5000

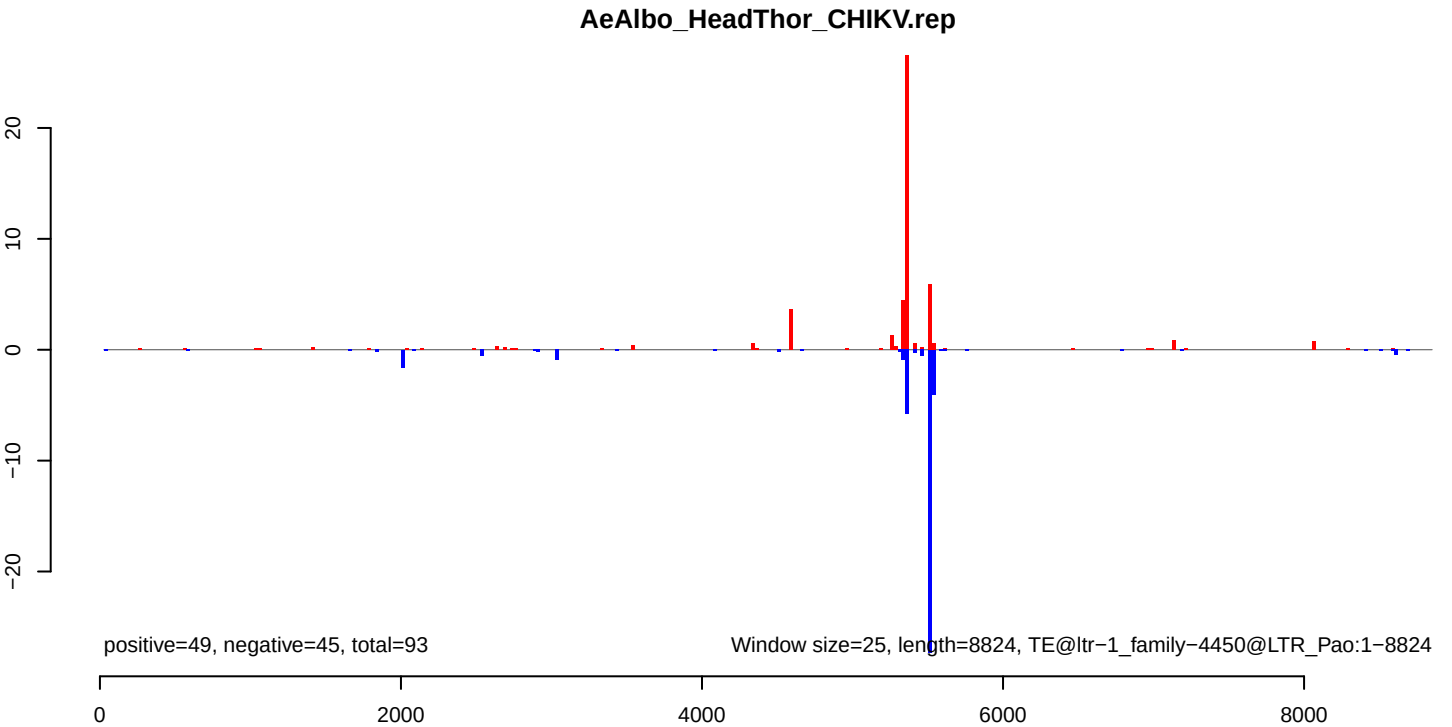

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=58, negative=60, total=119
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=59, negative=61, total=120
Window size=25, length=7930, TE@ltr−1_family−3734@LTR_Pao:1−7930
20
10
0
−10
−20
0
2000
4000
6000
8000

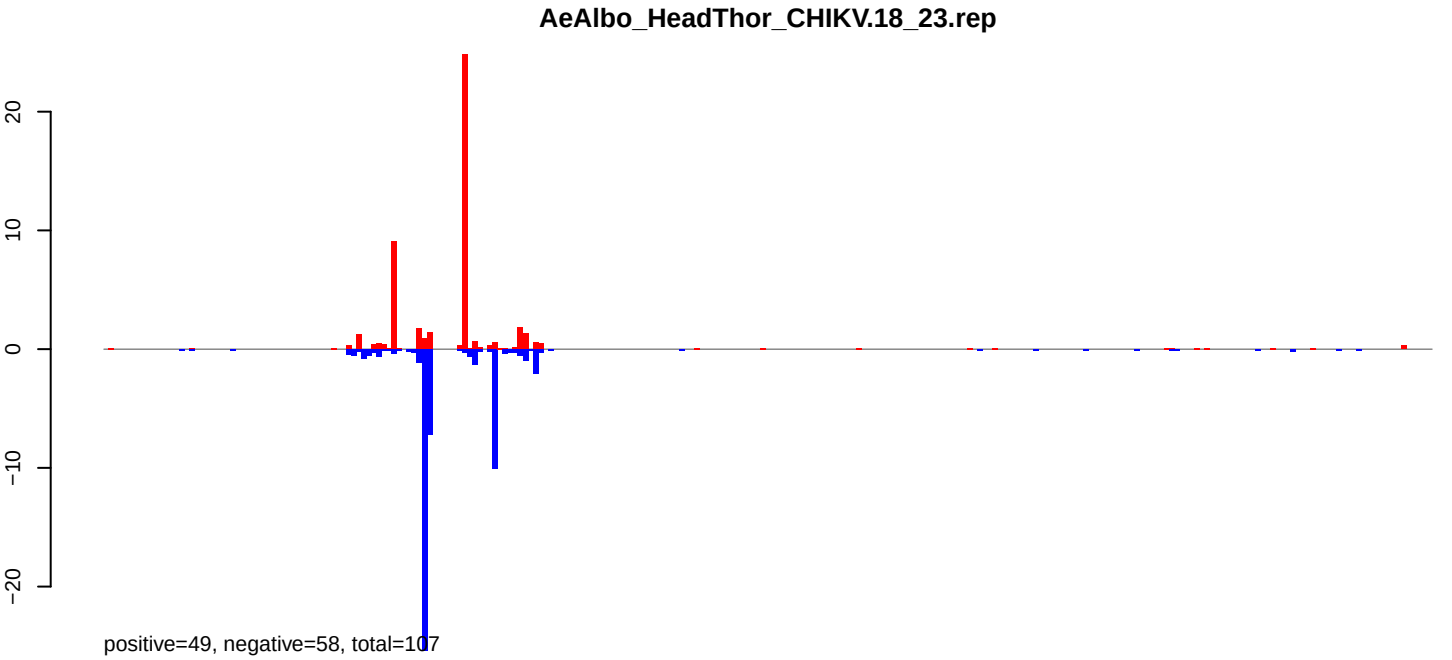

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=26, negative=10, total=36
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=26, negative=10, total=36
Window size=25, length=7262, TE@ltr−1_family−6173@LTR_Pao:1−7262
0
2000
4000
6000

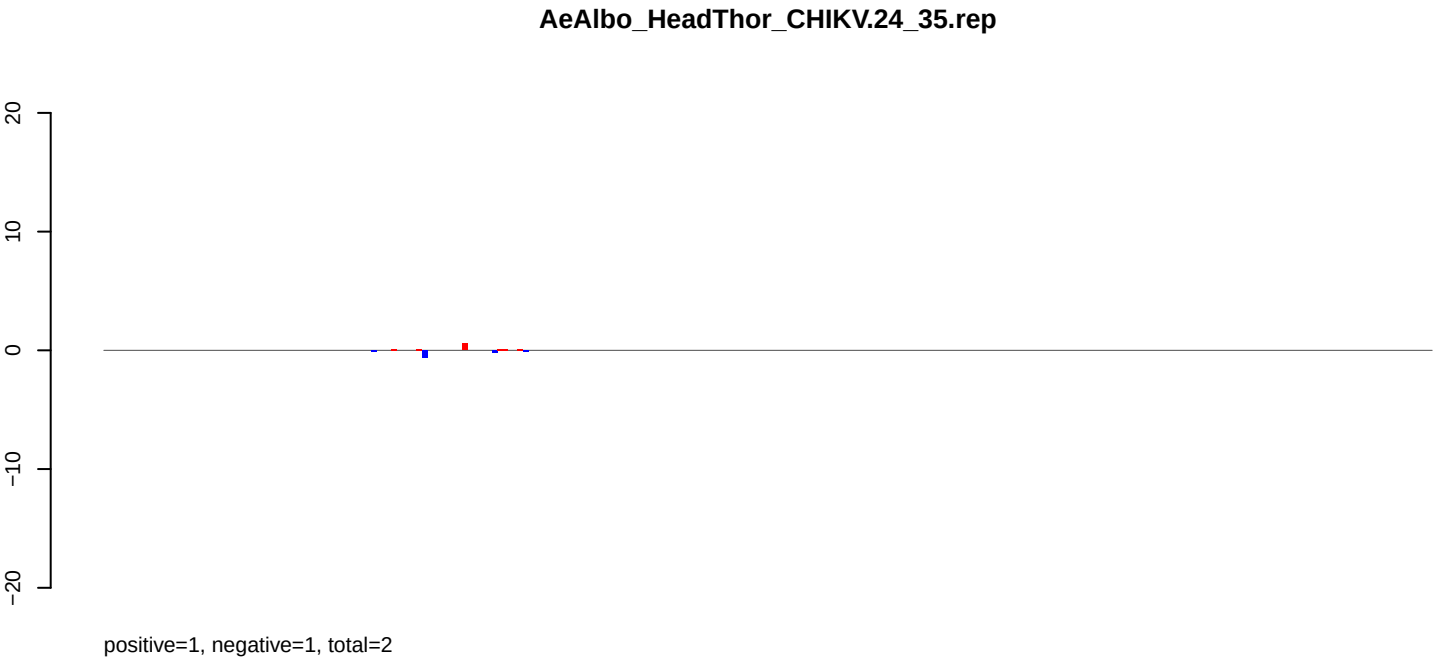

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=6, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=6, total=12
Window size=25, length=4577, TE@ltr−1_family−5440@DNA_CMC−EnSpm:1−4577
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000

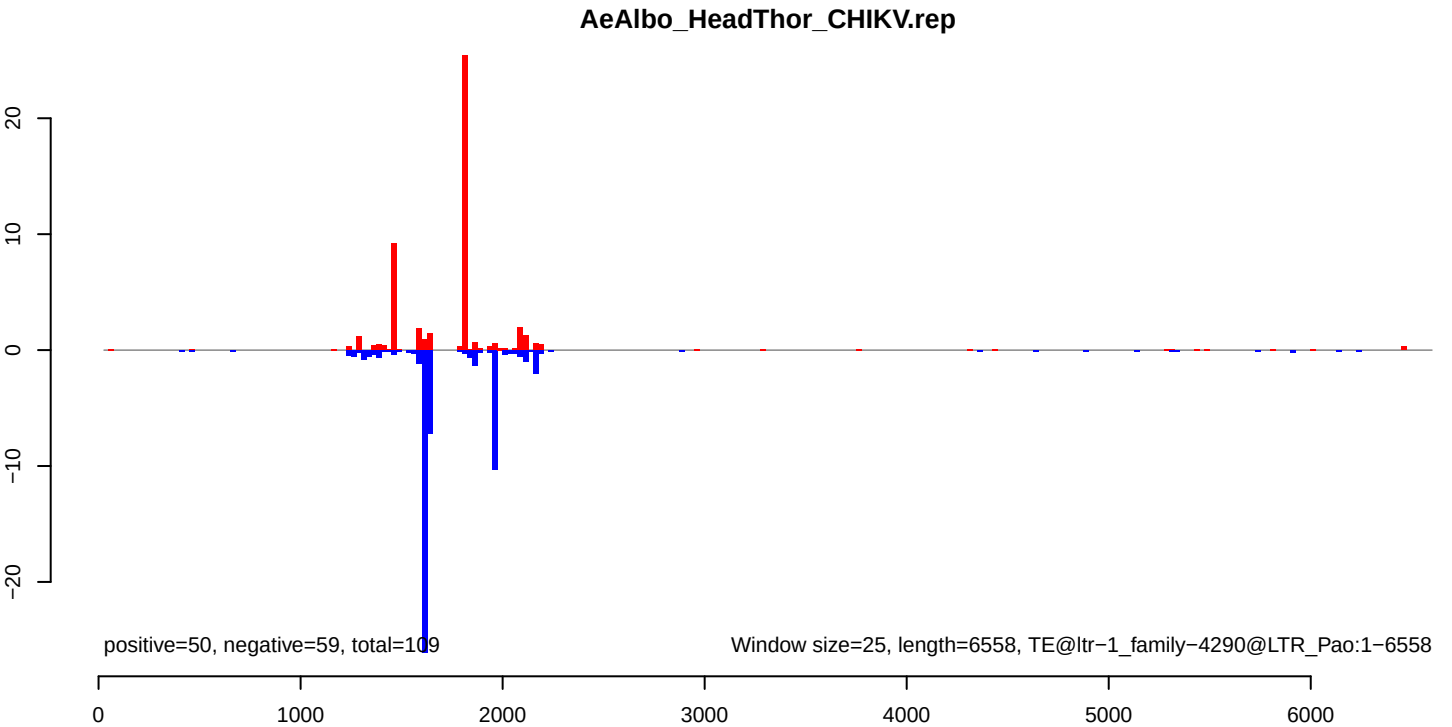

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=48, negative=44, total=92

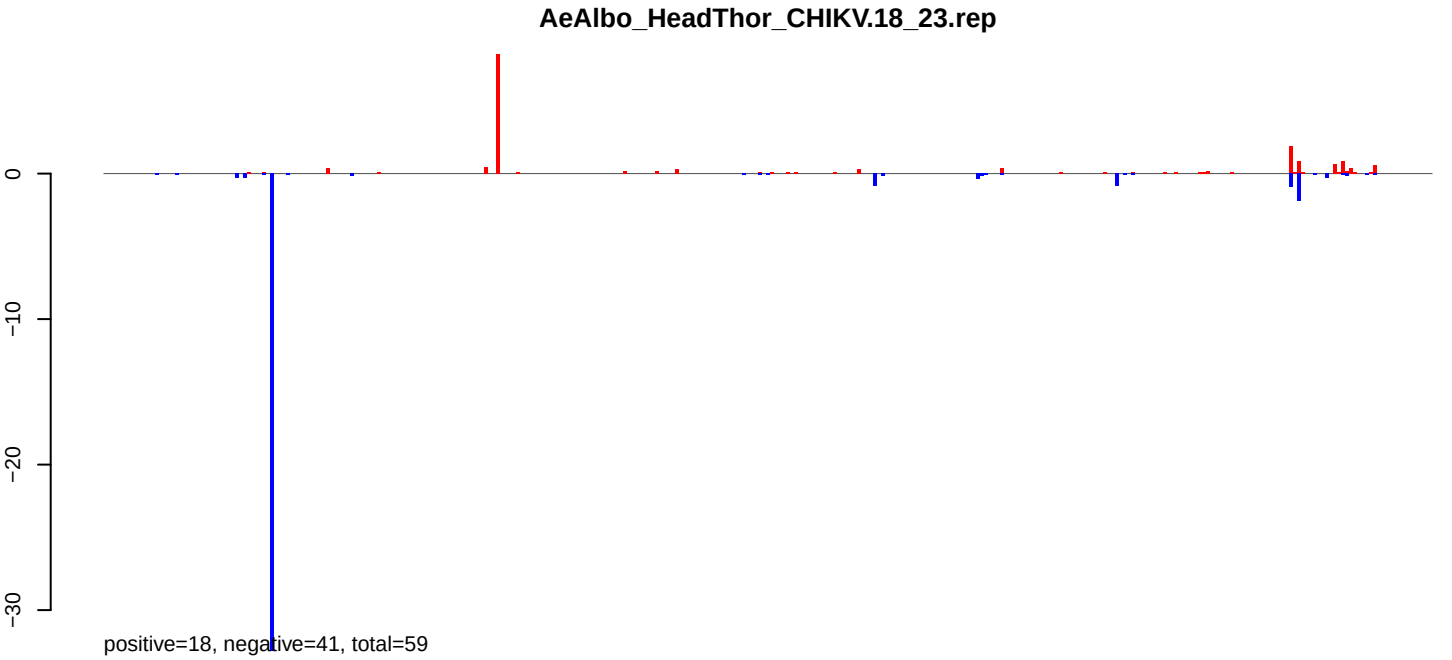

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=1, negative=1, total=2

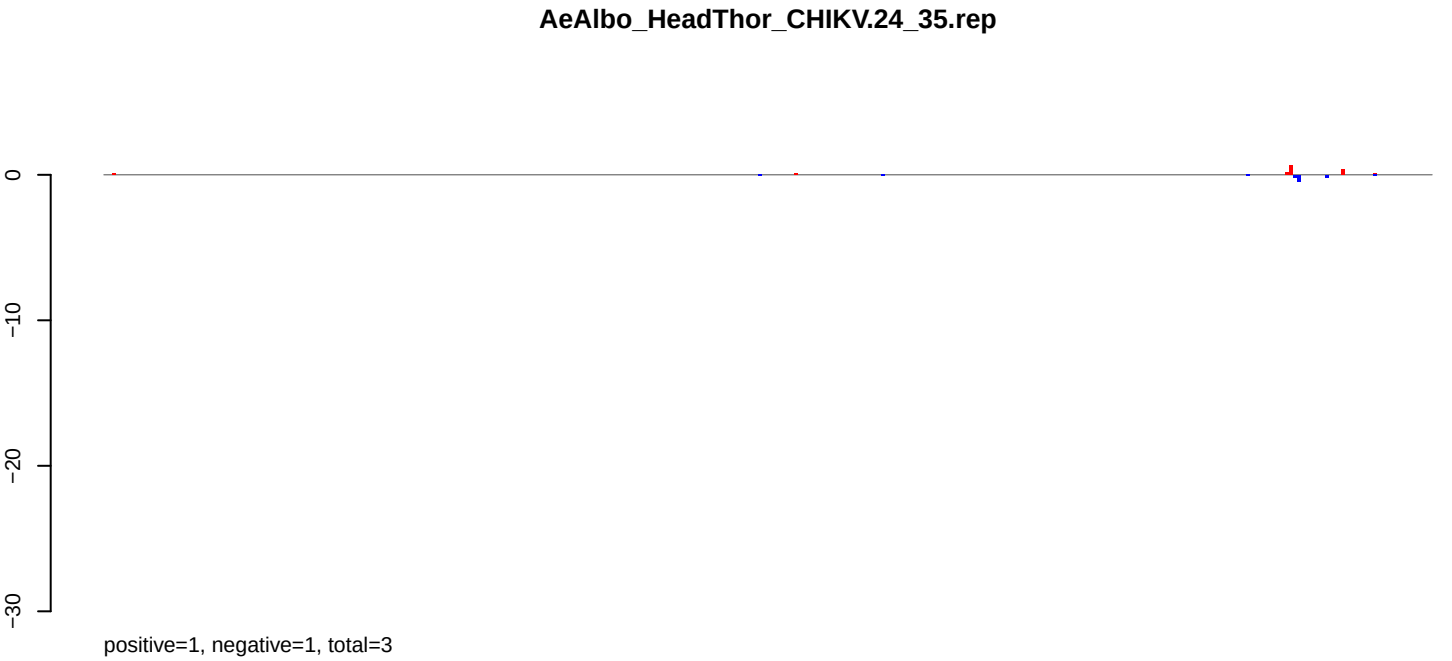

AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
positive=49, negative=45, total=93
Window size=25, length=8824, TE@ltr−1_family−4450@LTR_Pao:1−8824
0
2000
4000
6000
8000

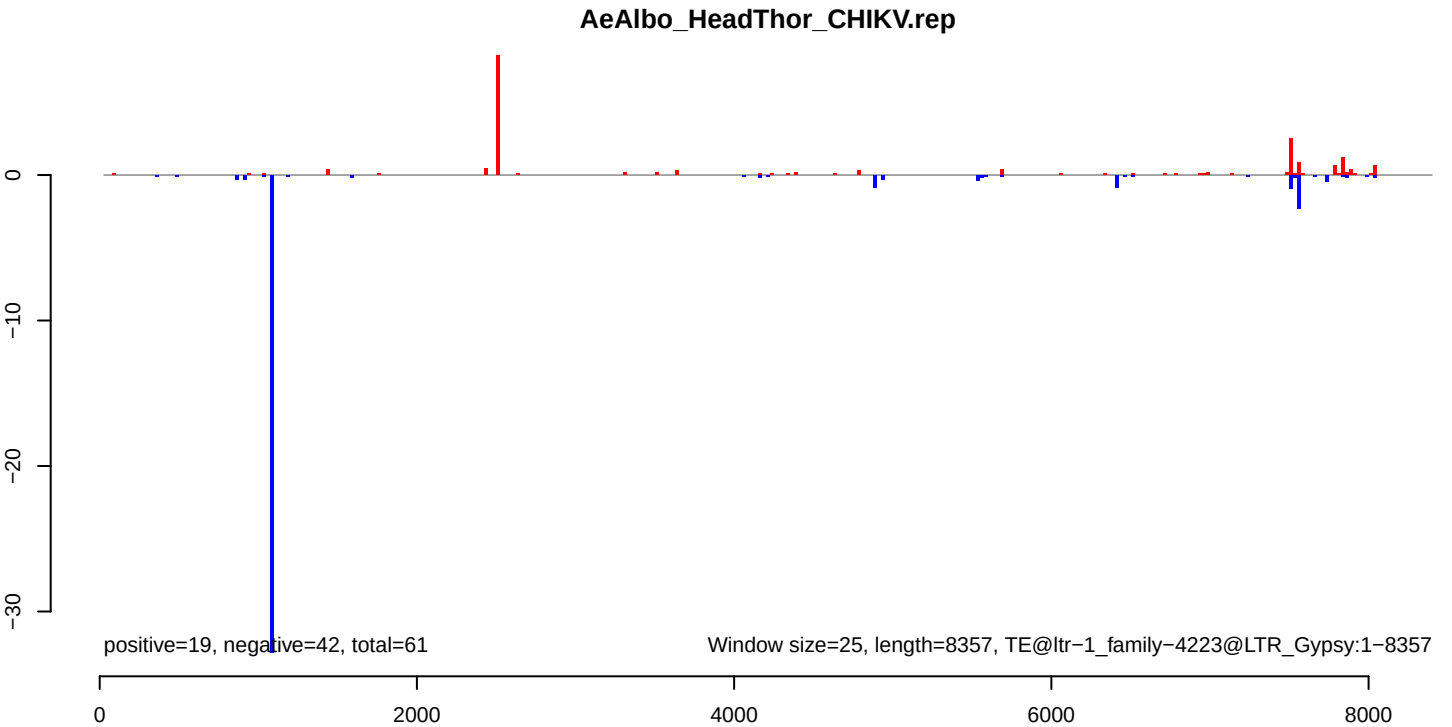

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=49, negative=58, total=107

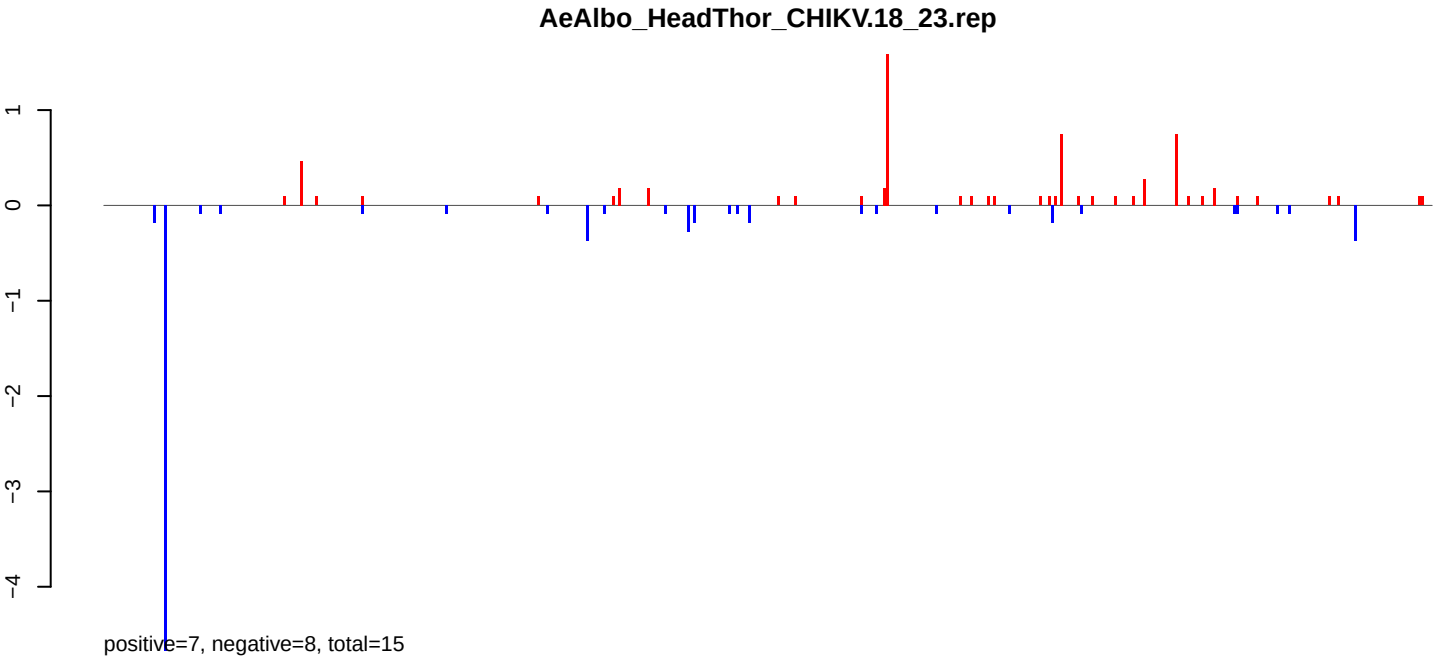

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=1, negative=1, total=2


AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
positive=50, negative=59, total=109
Window size=25, length=6558, TE@ltr−1_family−4290@LTR_Pao:1−6558
0
1000
2000
3000
4000
5000
6000

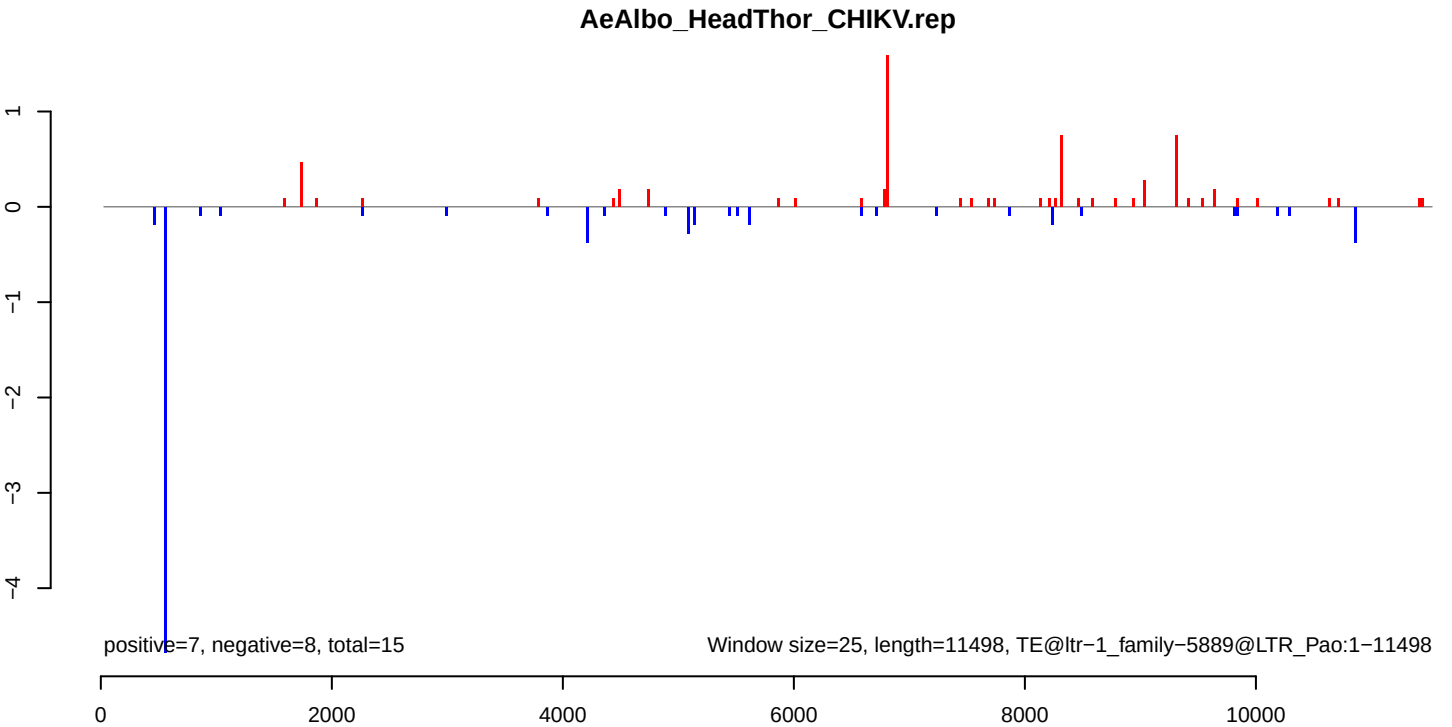

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
positive=18, negative=41, total=59


AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
positive=1, negative=1, total=3

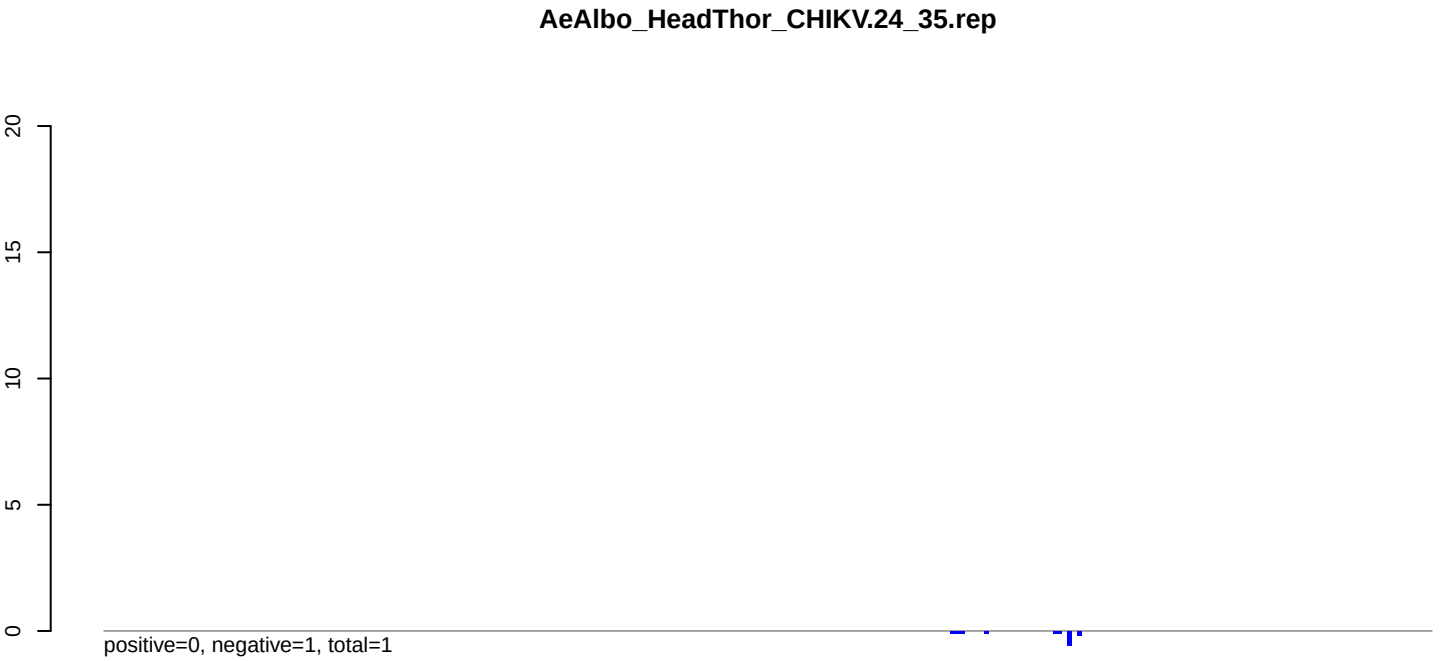

AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
positive=19, negative=42, total=61
Window size=25, length=8357, TE@ltr−1_family−4223@LTR_Gypsy:1−8357
0
2000
4000
6000
8000

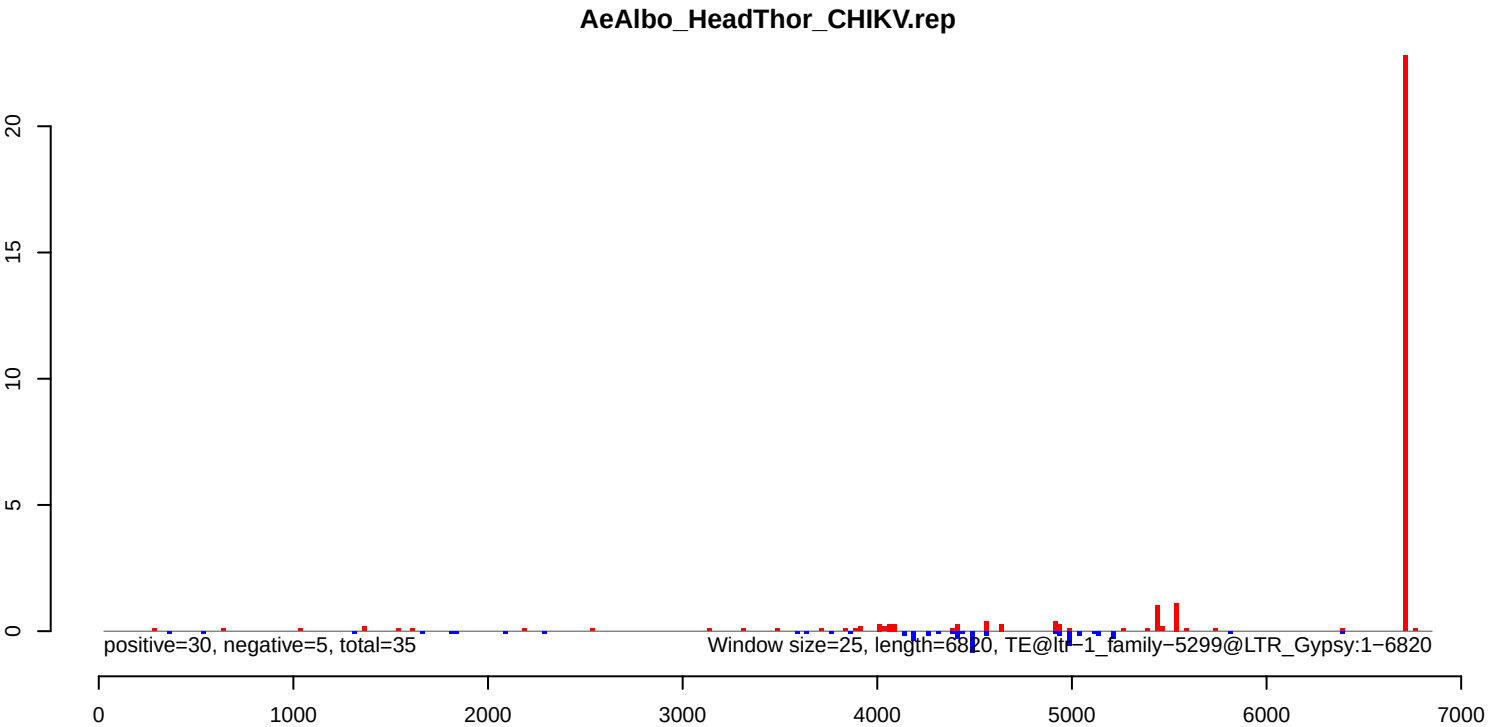

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
−4
positive=7, negative=8, total=15

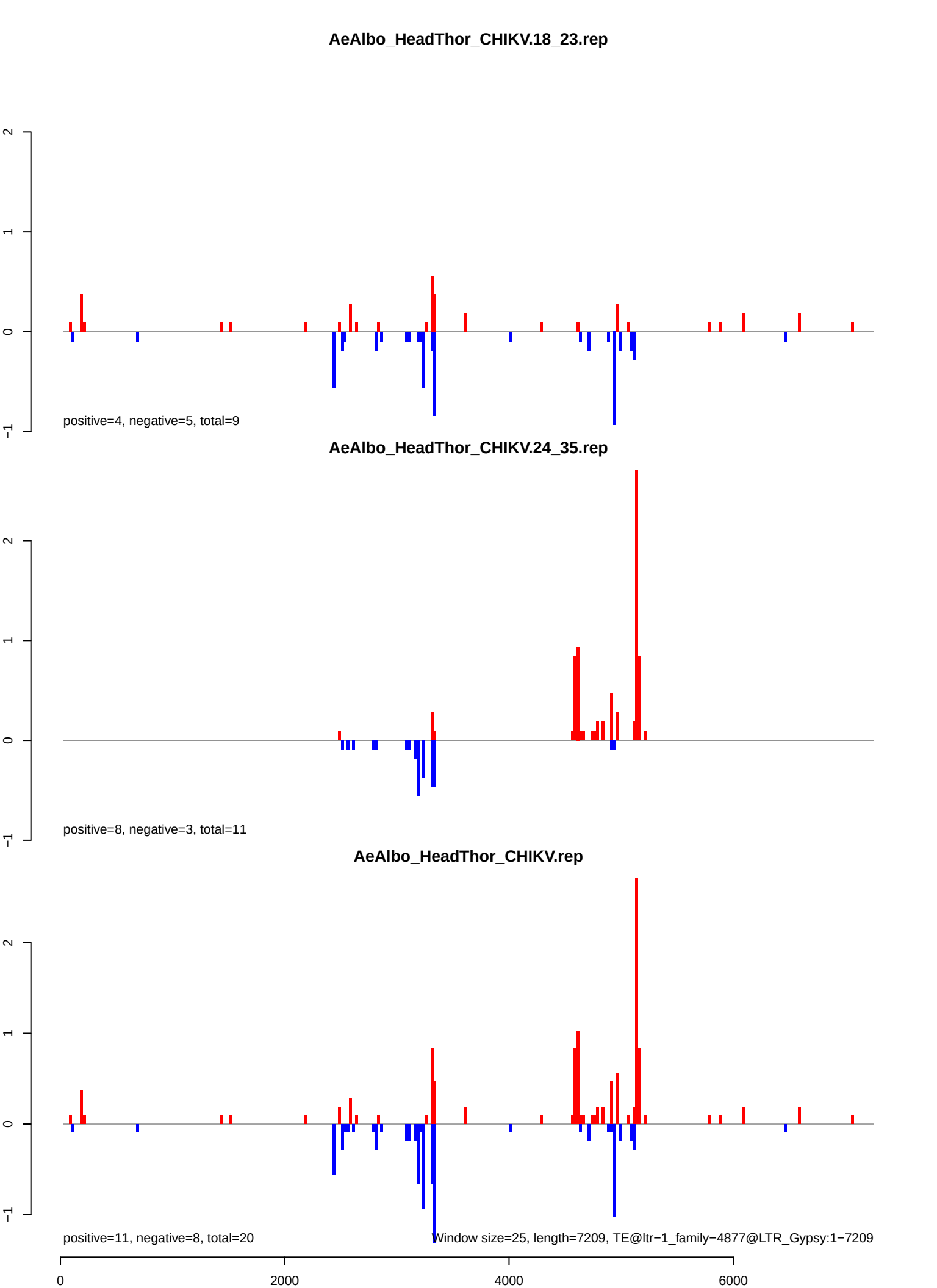
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
−4
positive=0, negative=0, total=0

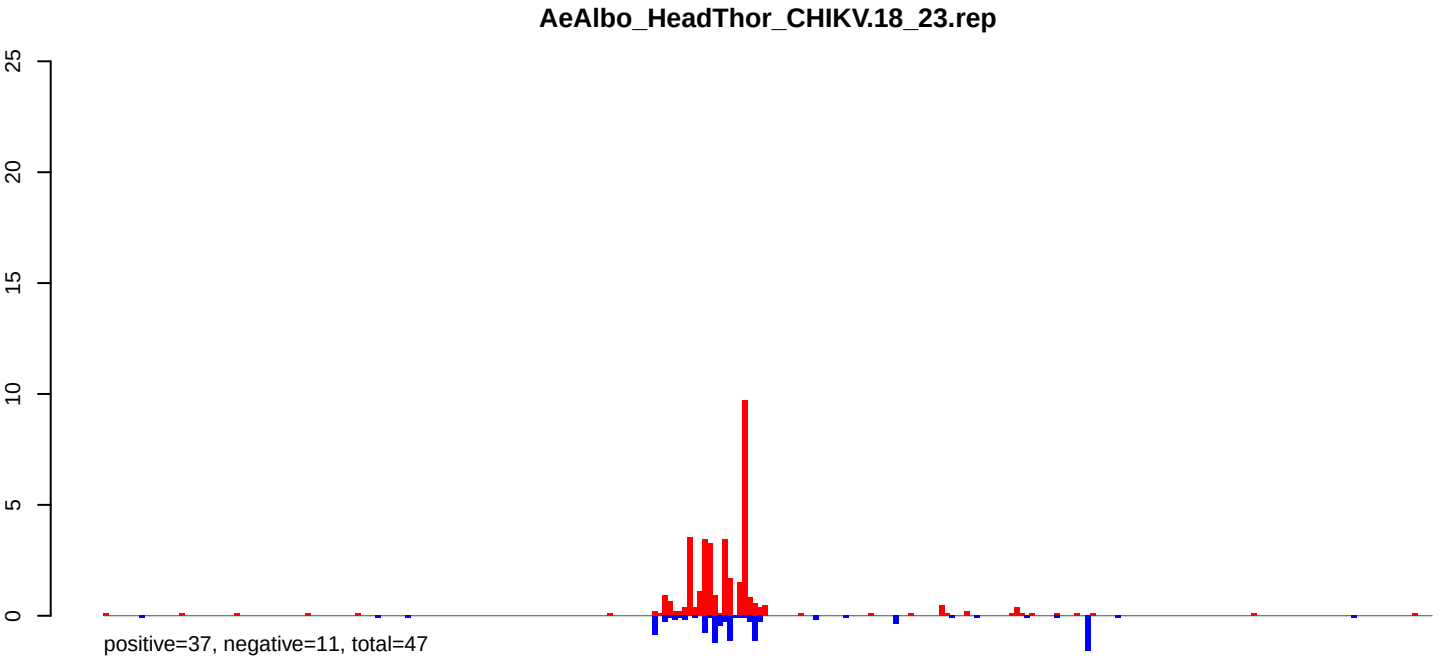

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
−4
positive=7, negative=8, total=15
Window size=25, length=11498, TE@ltr−1_family−5889@LTR_Pao:1−11498
0
2000
4000
6000
8000
10000

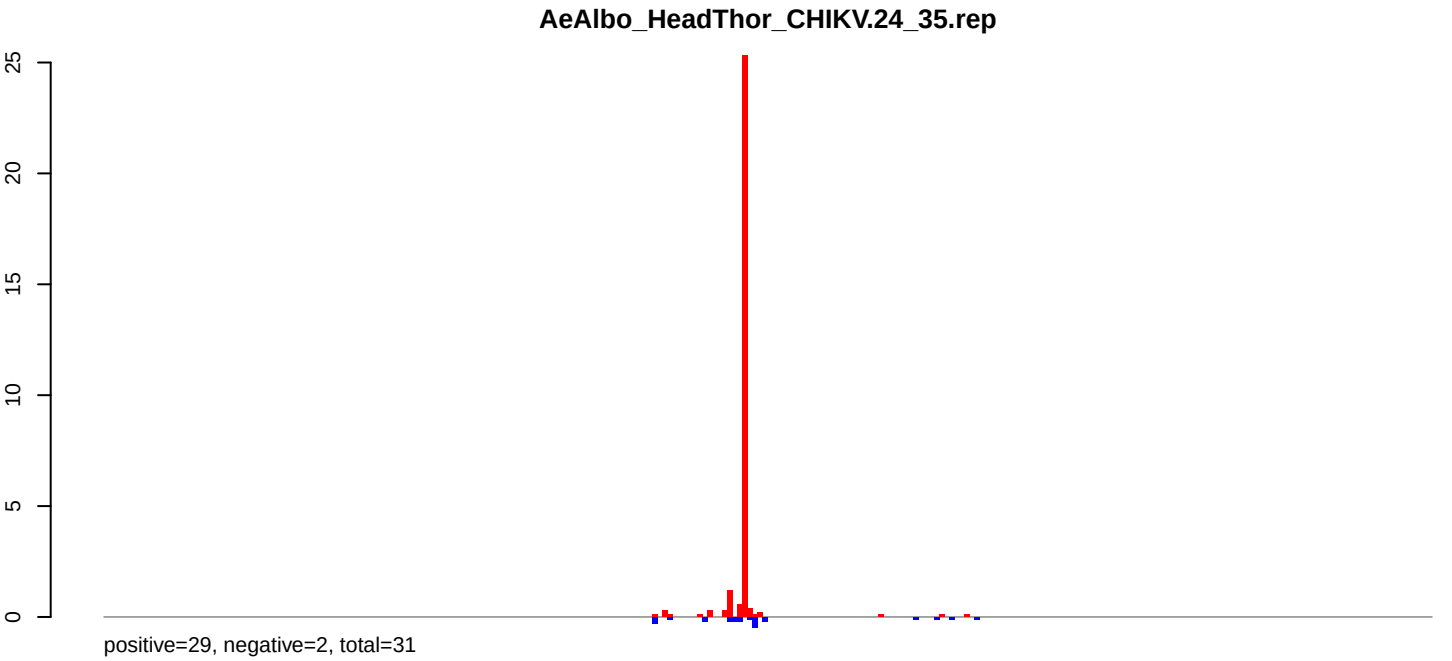
AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=30, negative=4, total=34

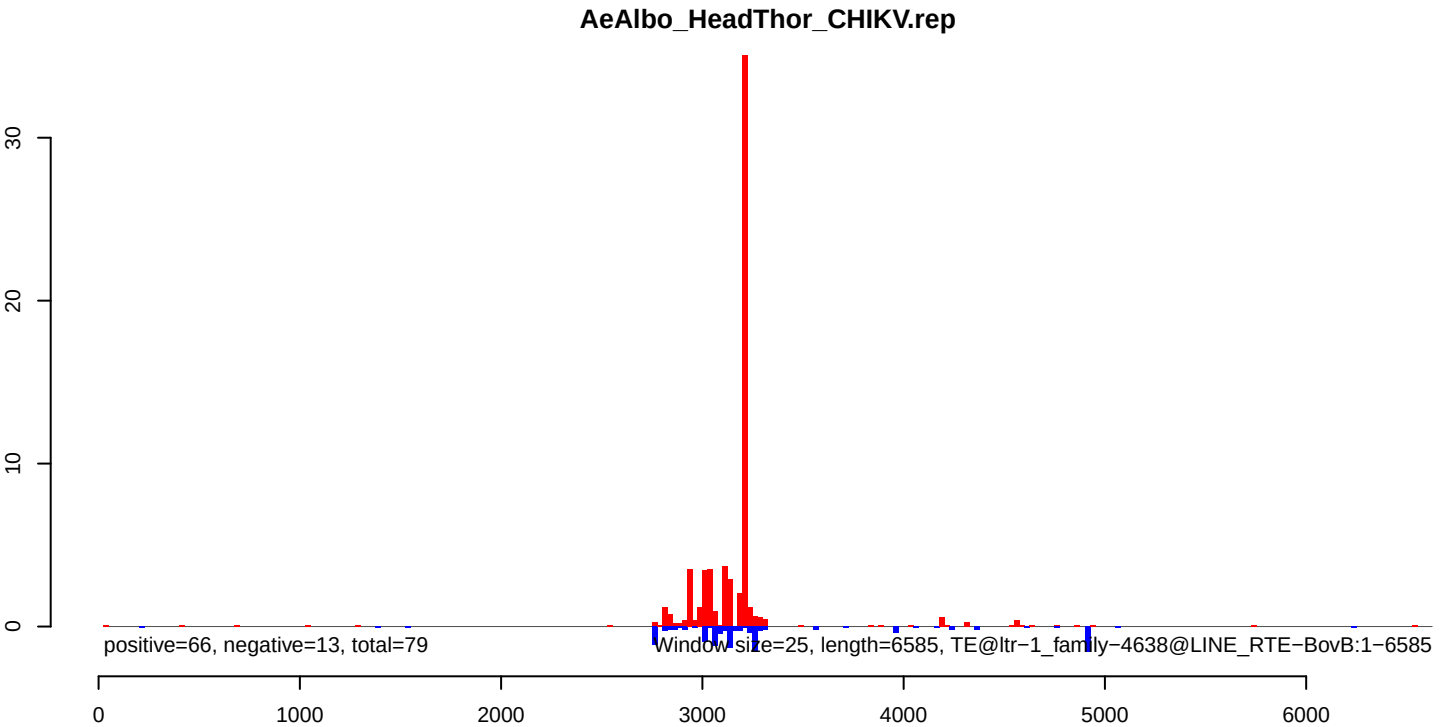

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=1, total=1

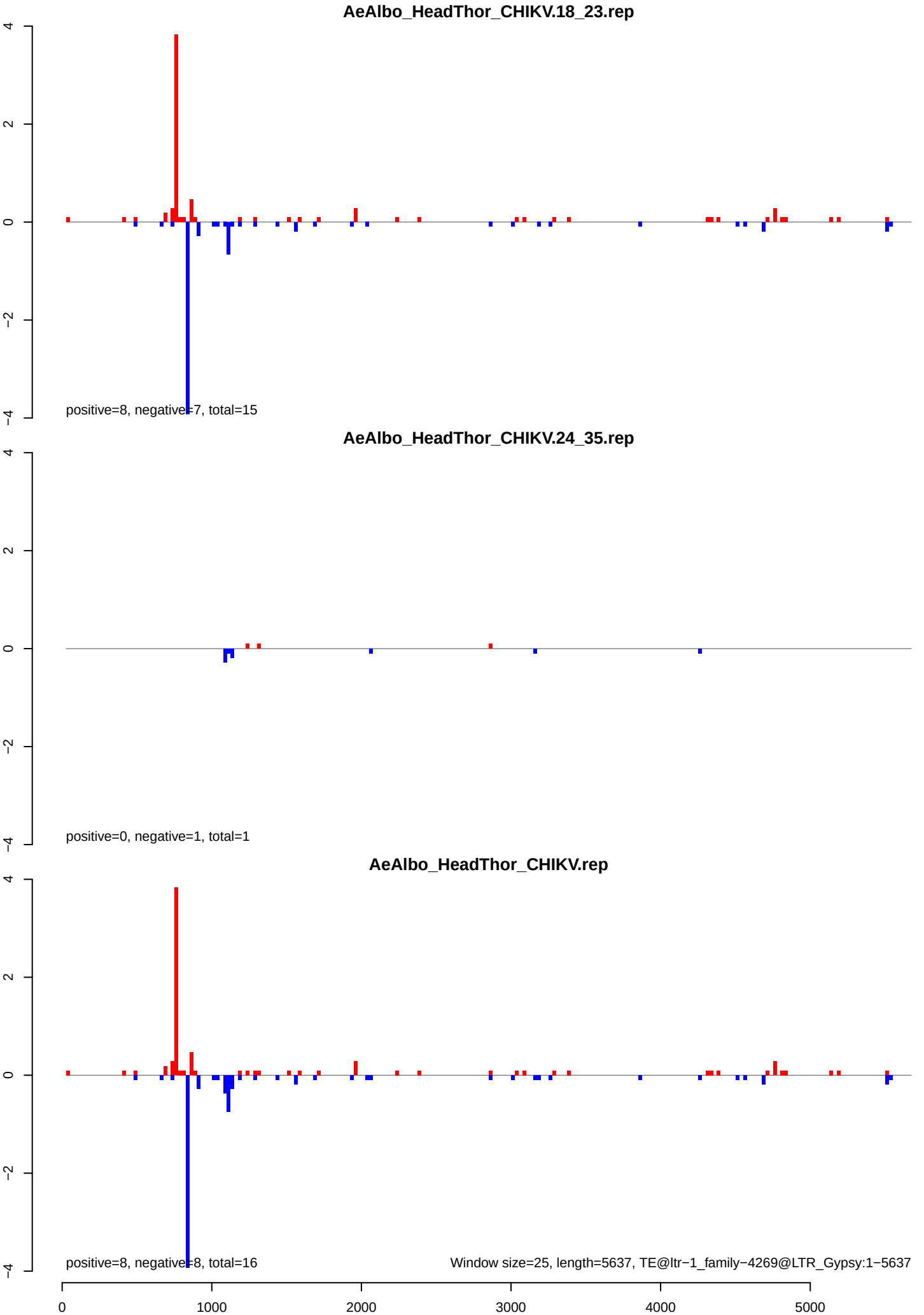

AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=30, negative=5, total=35
Window size=25, length=6820, TE@ltr−1_family−5299@LTR_Gypsy:1−6820
0
1000
2000
3000
4000
5000
6000
7000

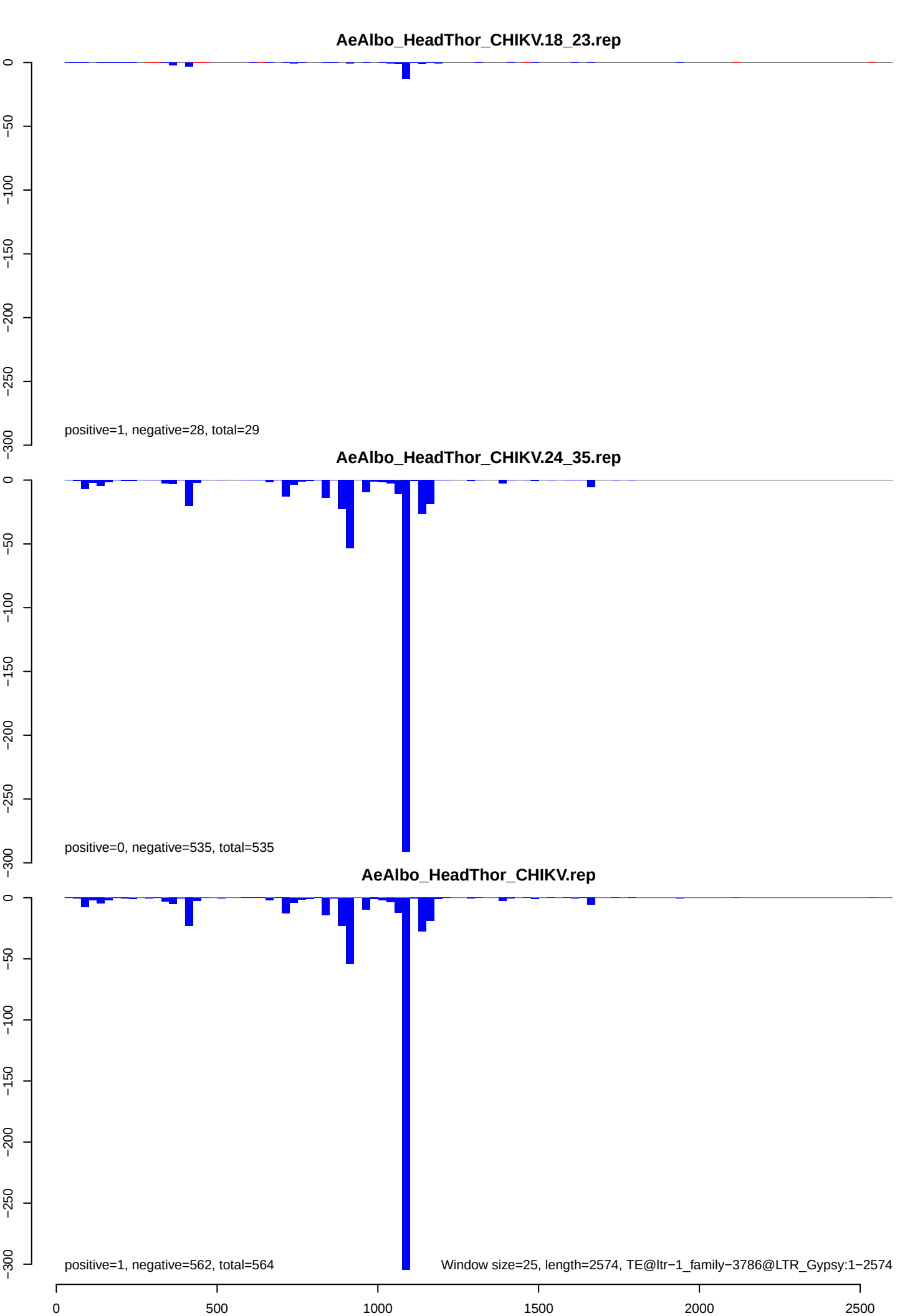

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=5, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=8, negative=3, total=11
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=8, total=20
Window size=25, length=7209, TE@ltr−1_family−4877@LTR_Gypsy:1−7209
2
1
0
−1
0
2000
4000
6000

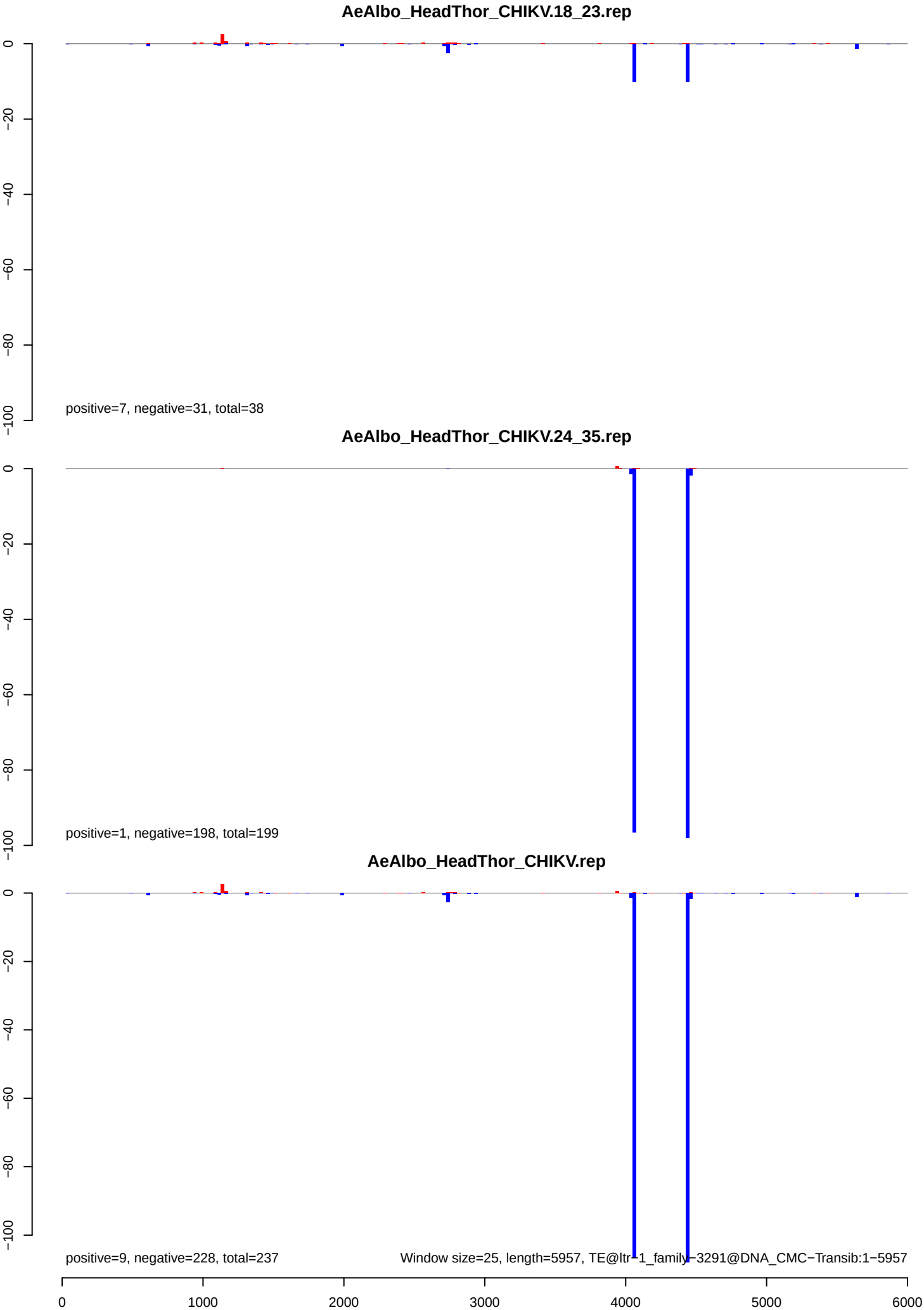

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
25
positive=37, negative=11, total=47

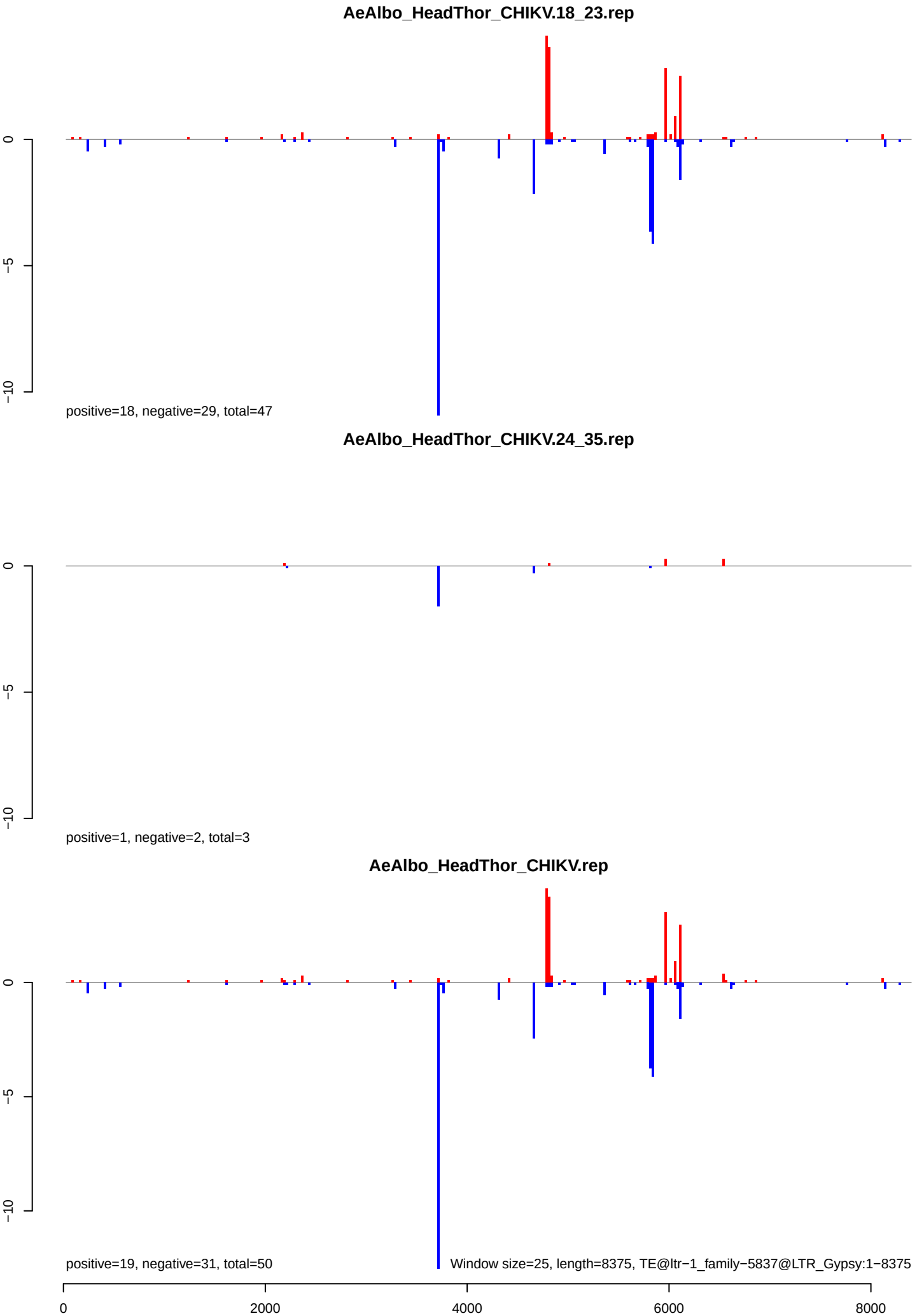

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
25
positive=29, negative=2, total=31

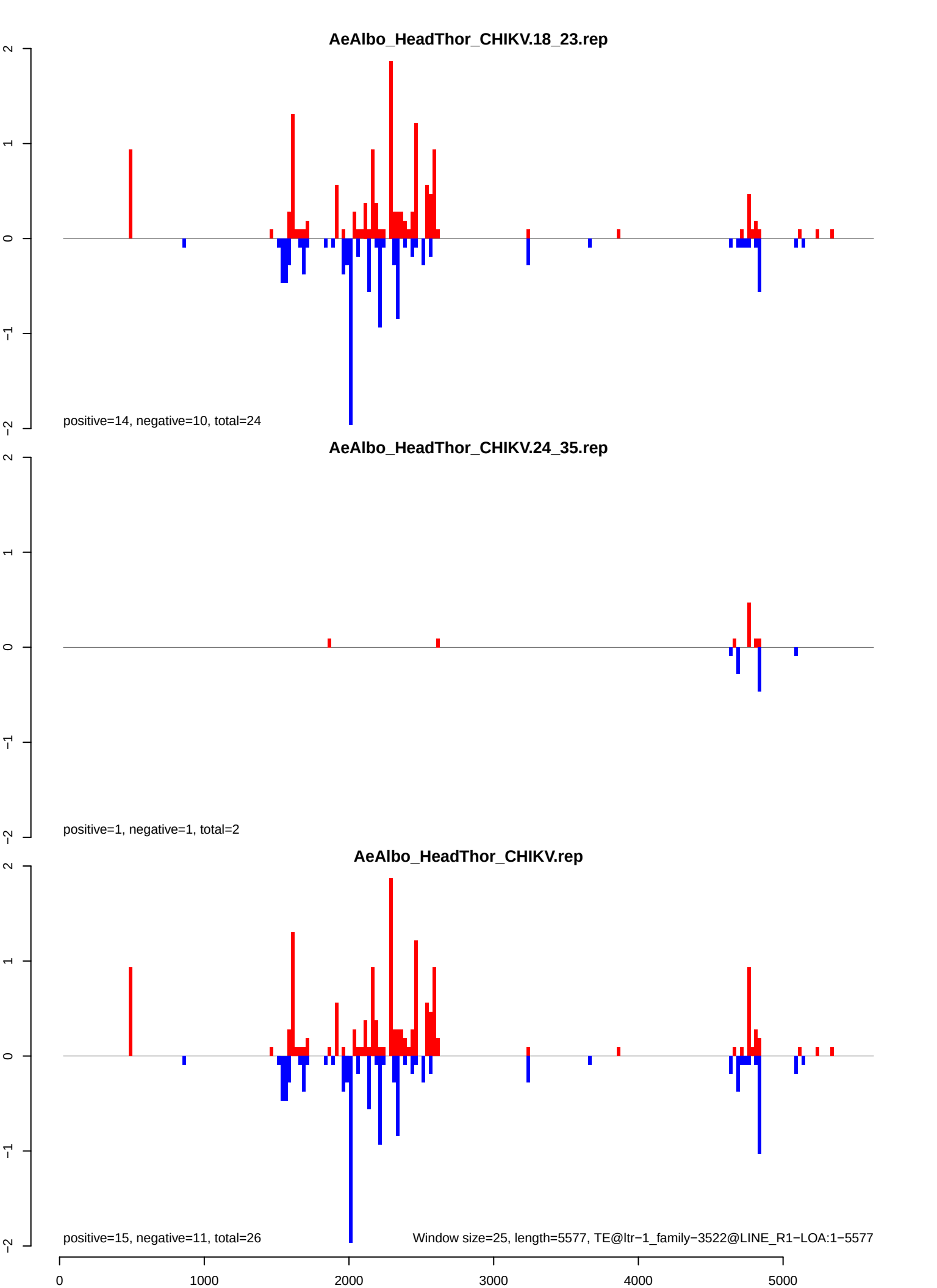

AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
positive=66, negative=13, total=79
Window size=25, length=6585, TE@ltr−1_family−4638@LINE_RTE−BovB:1−6585
0
1000
2000
3000
4000
5000
6000

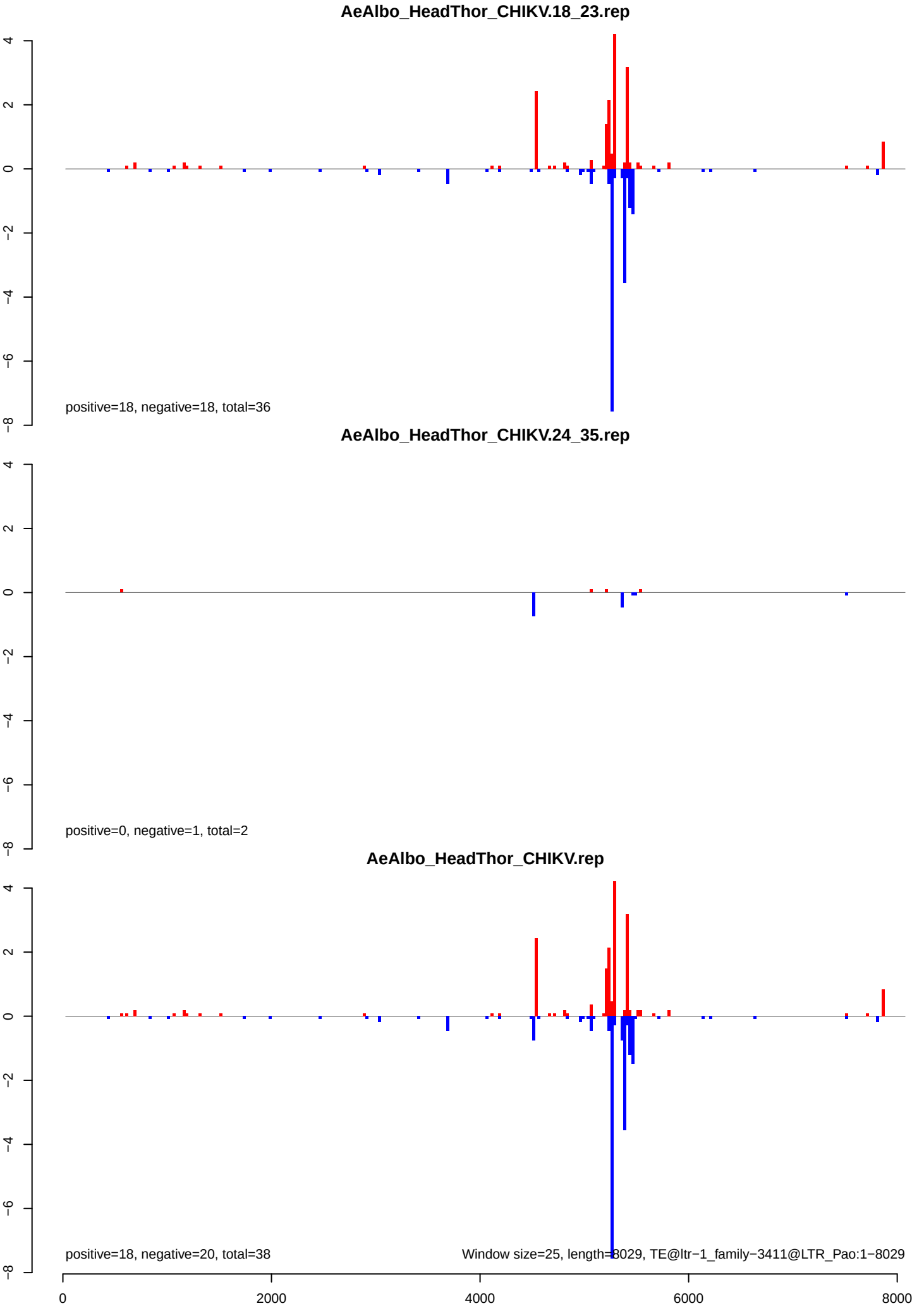

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=7, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=8, total=16
Window size=25, length=5637, TE@ltr−1_family−4269@LTR_Gypsy:1−5637
4
2
0
−2
−4
0
1000
2000
3000
4000
5000

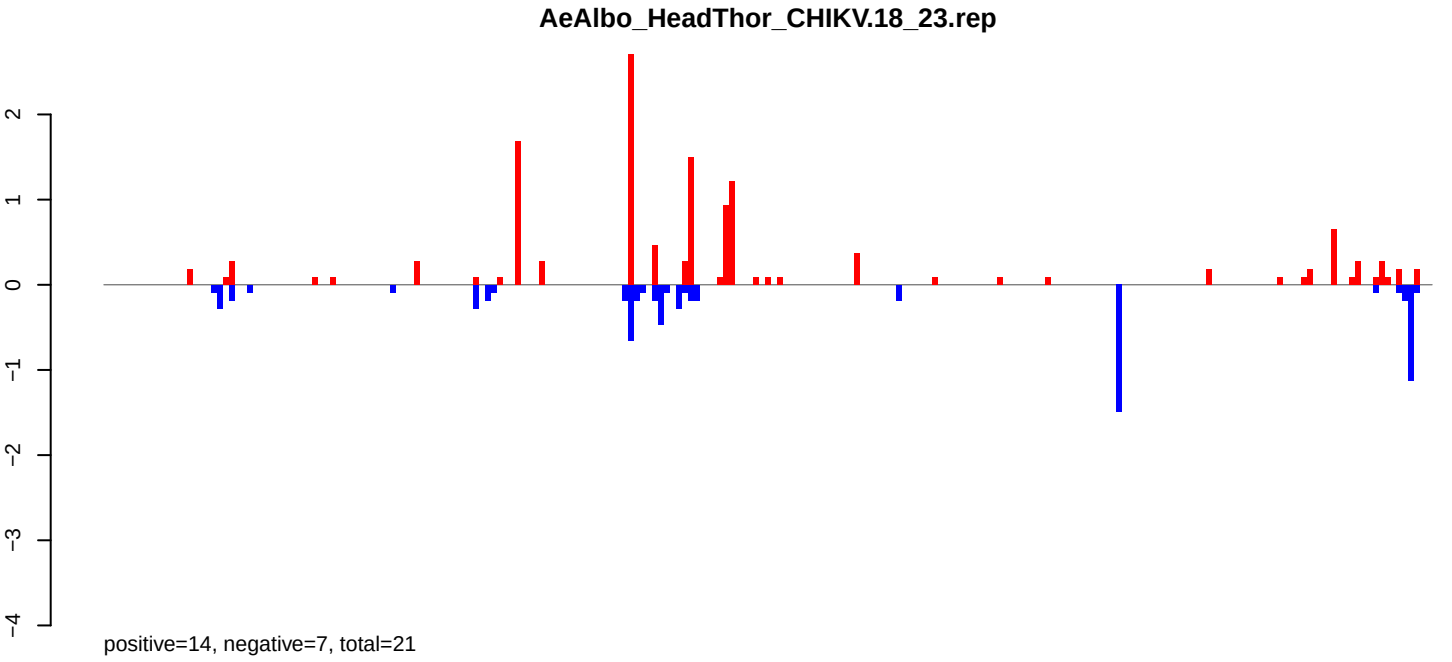

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=28, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=535, total=535
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=562, total=564
Window size=25, length=2574, TE@ltr−1_family−3786@LTR_Gypsy:1−2574
0
−50
−100
−150
−200
−250
−300
0
500
1000
1500
2000
2500

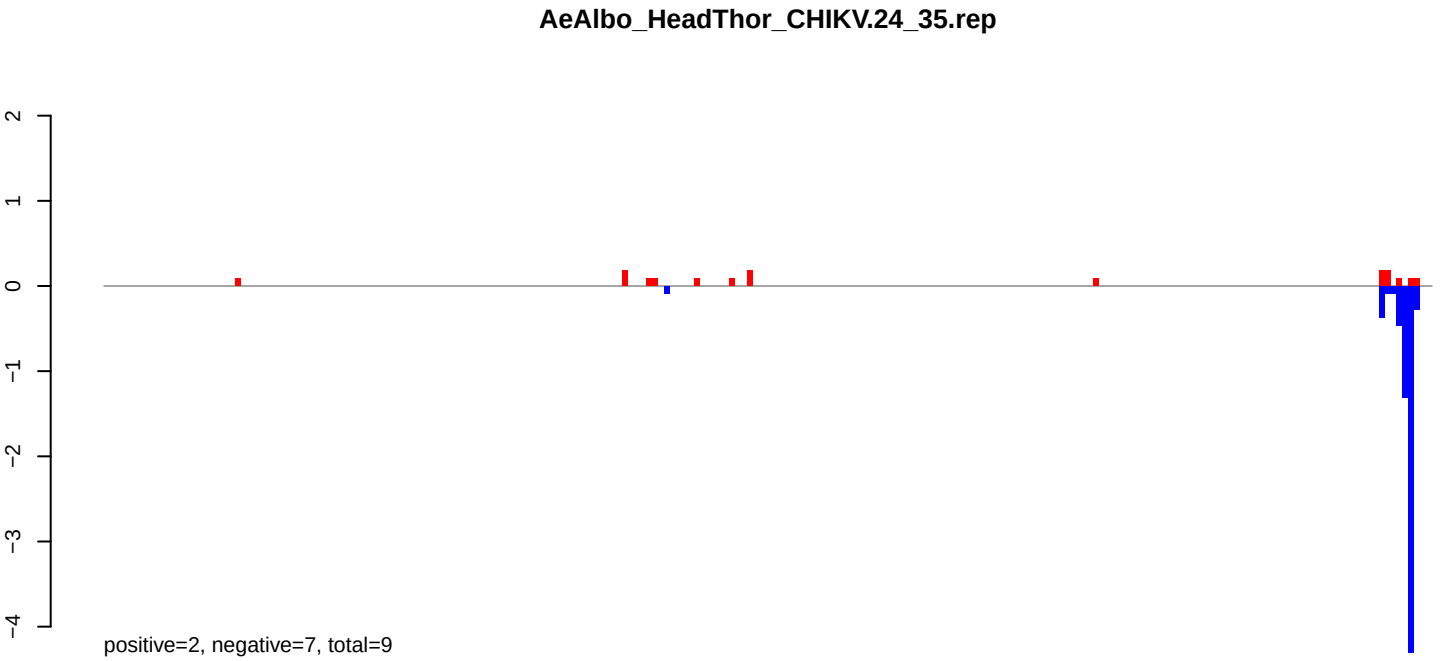

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=7, negative=31, total=38
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=1, negative=198, total=199
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=9, negative=228, total=237
Window size=25, length=5957, TE@ltr−1_family−3291@DNA_CMC−Transib:1−5957
0
1000
2000
3000
4000
5000
6000

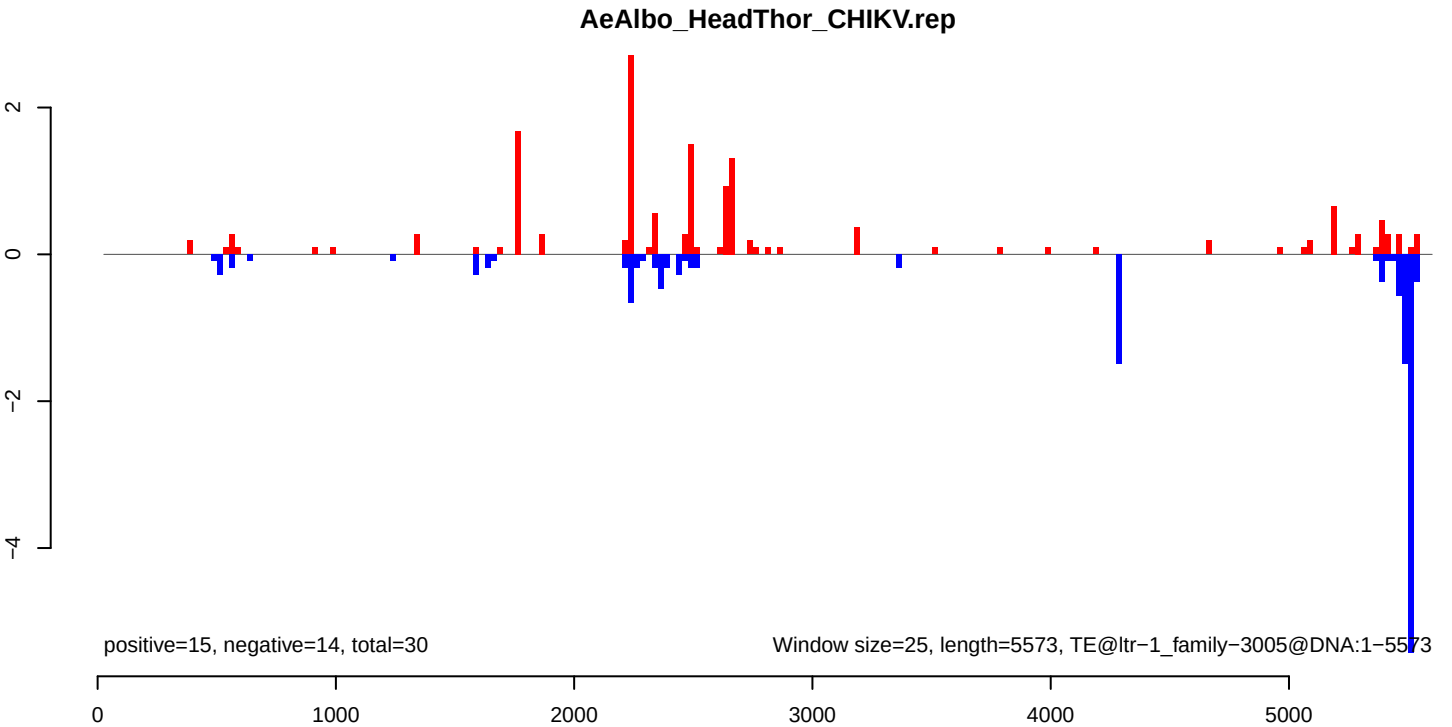

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=18, negative=29, total=47
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
positive=19, negative=31, total=50
Window size=25, length=8375, TE@ltr−1_family−5837@LTR_Gypsy:1−8375
0
2000
4000
6000
8000

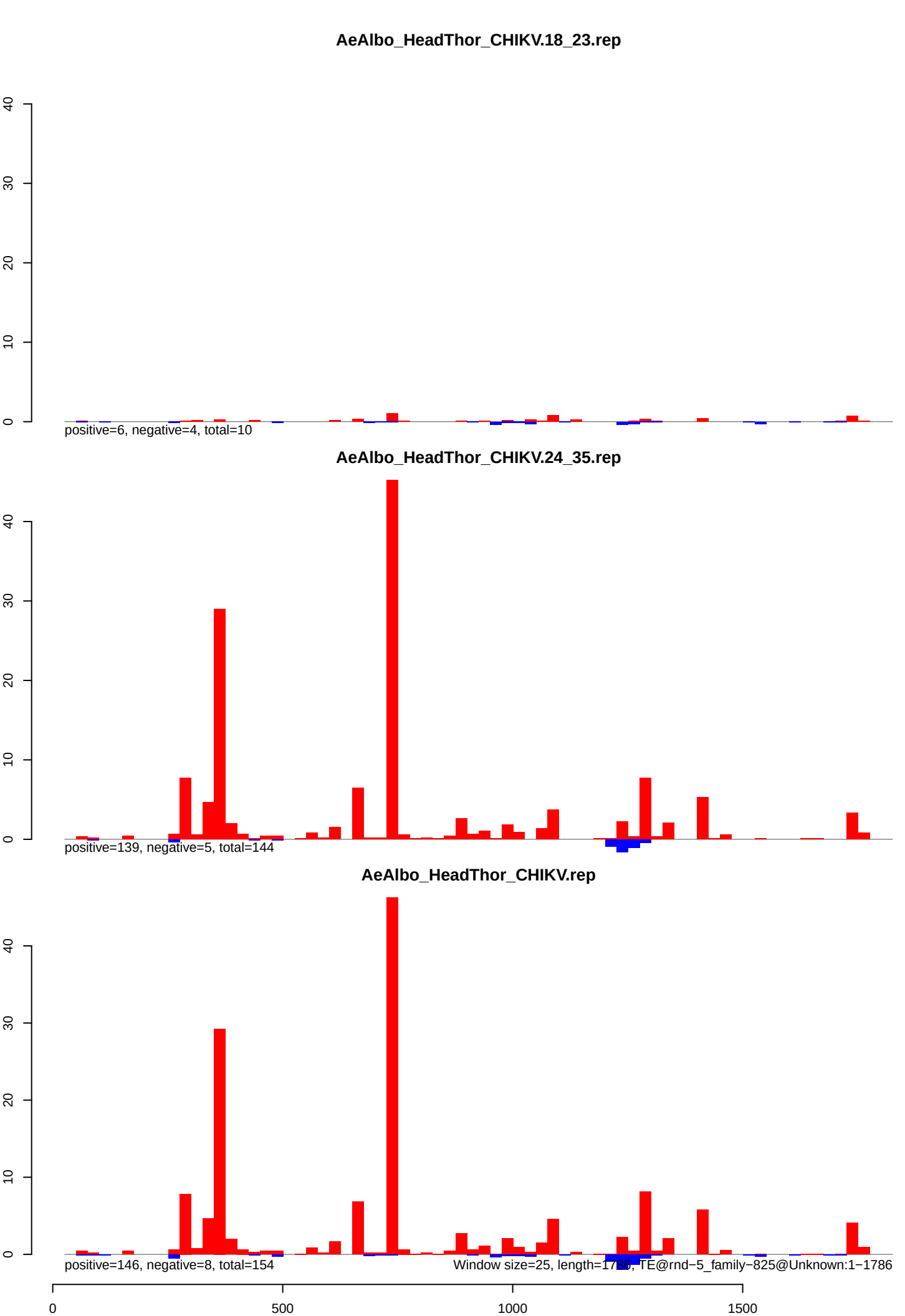

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=10, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=11, total=26
Window size=25, length=5577, TE@ltr−1_family−3522@LINE_R1−LOA:1−5577
2
1
0
−1
−2
0
1000
2000
3000
4000
5000

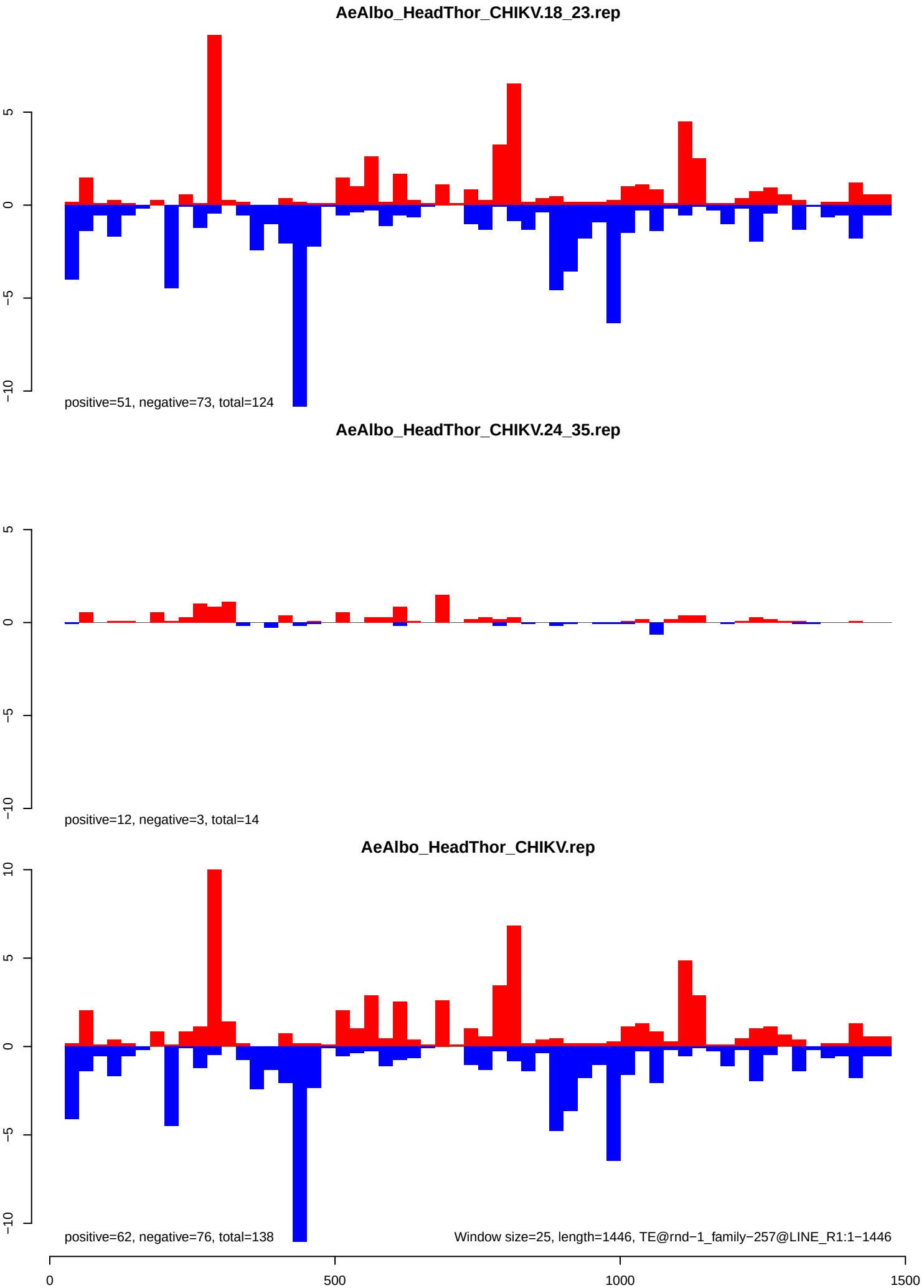

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=18, negative=18, total=36
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=18, negative=20, total=38
Window size=25, length=8029, TE@ltr−1_family−3411@LTR_Pao:1−8029
4
2
0
−2
−4
−6
−8
0
2000
4000
6000
8000

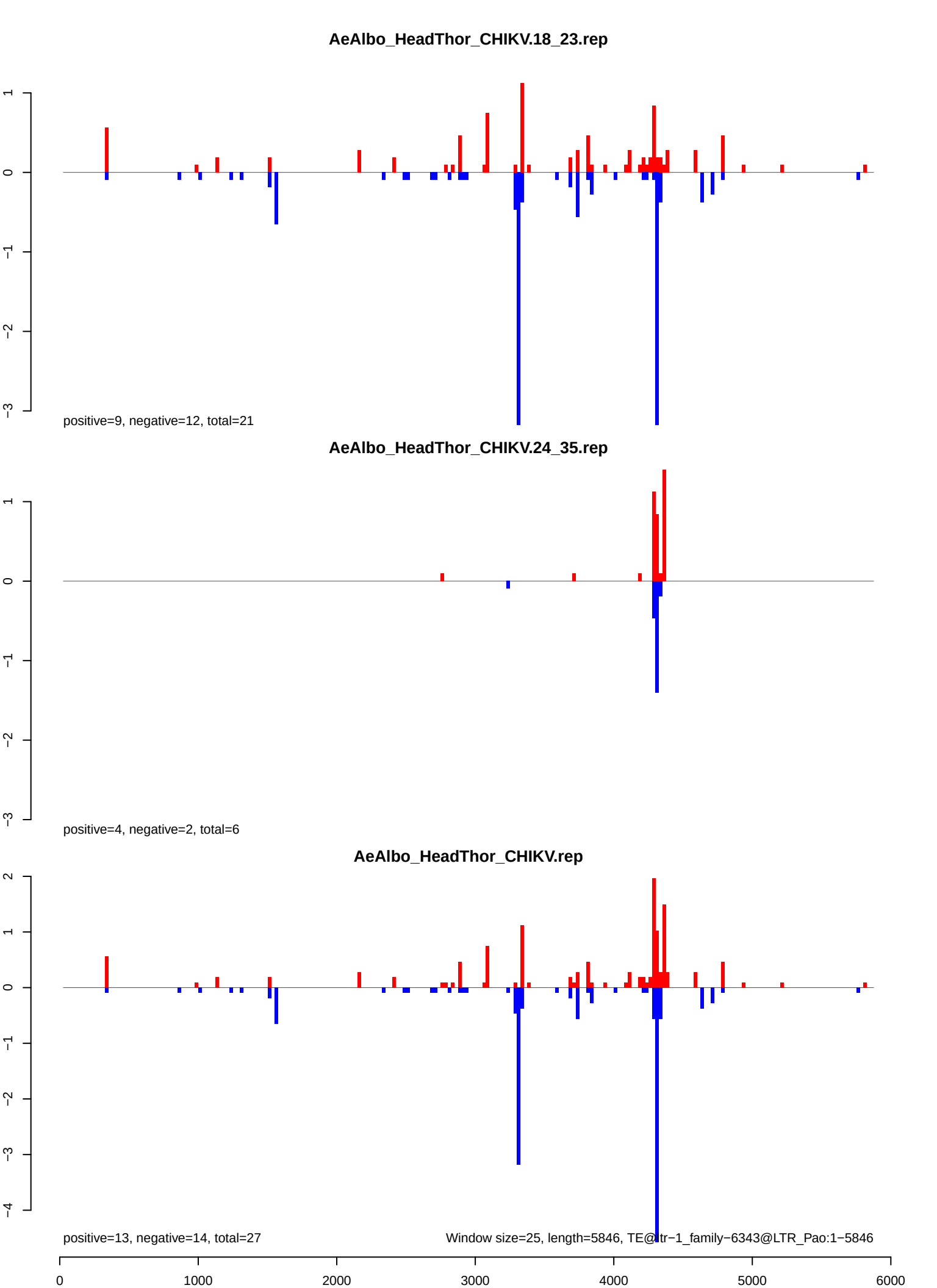

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
−3
−4
positive=14, negative=7, total=21

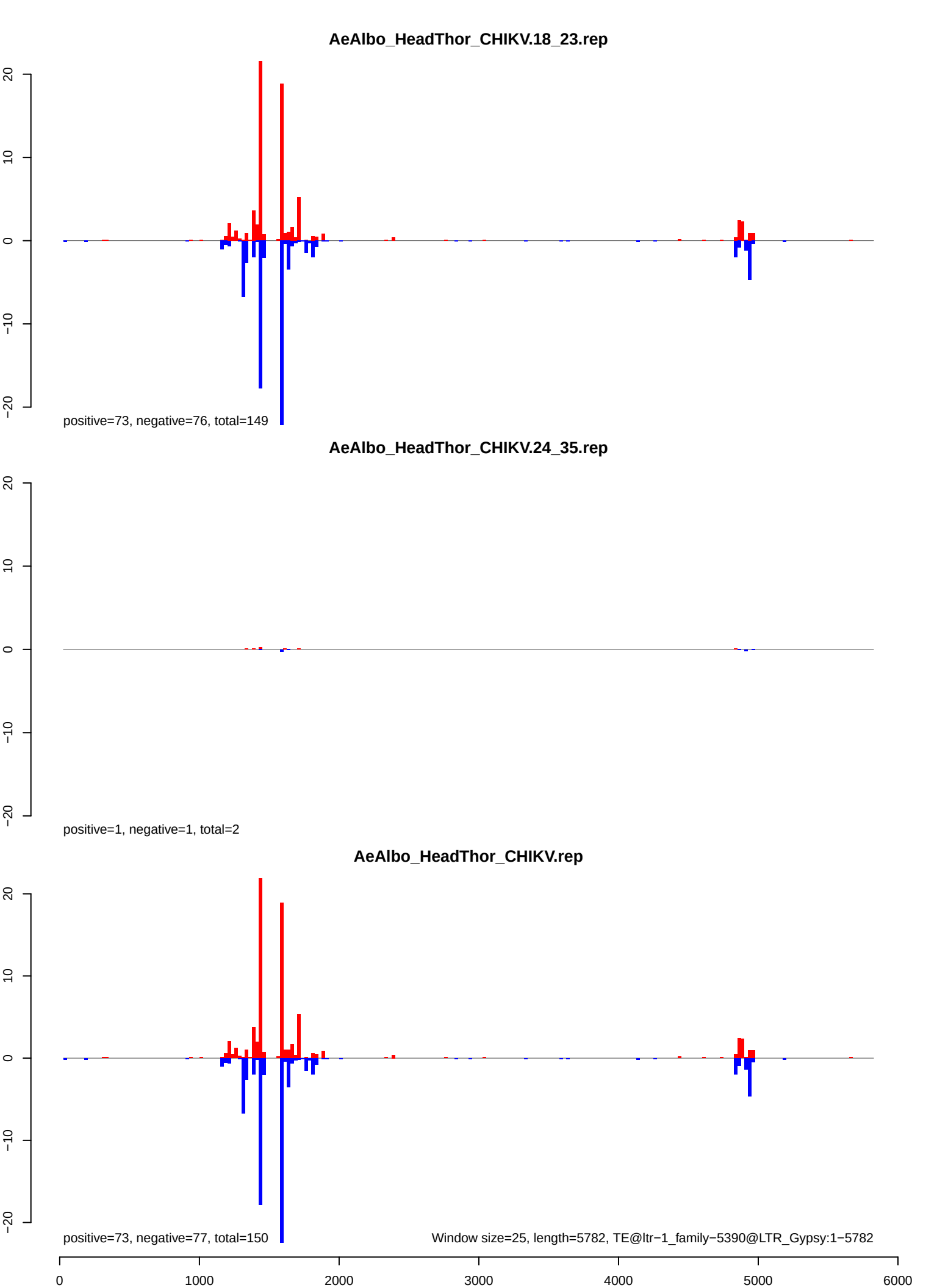

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
−3
−4
positive=2, negative=7, total=9

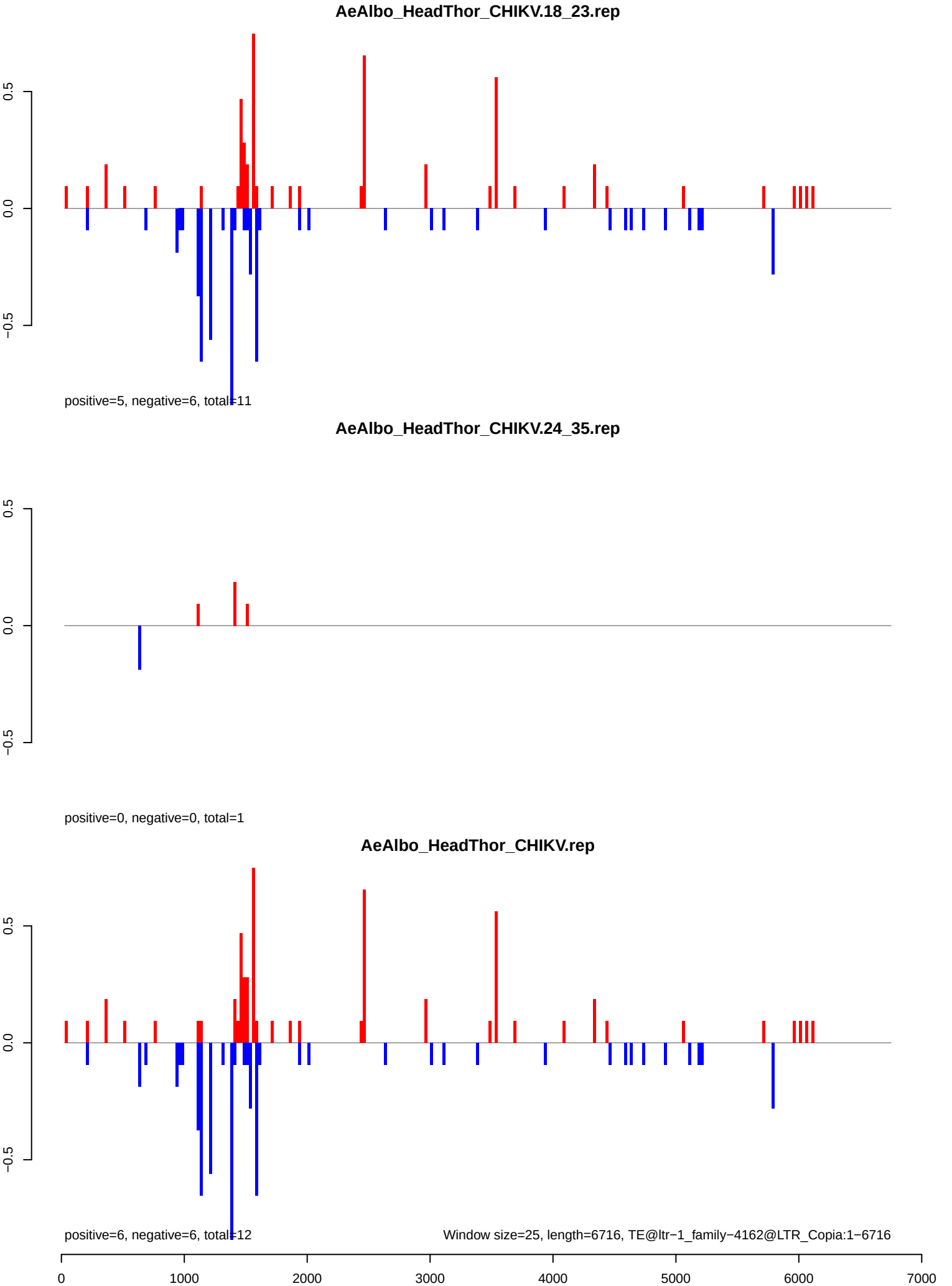

AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
positive=15, negative=14, total=30
Window size=25, length=5573, TE@ltr−1_family−3005@DNA:1−5573
0
1000
2000
3000
4000
5000

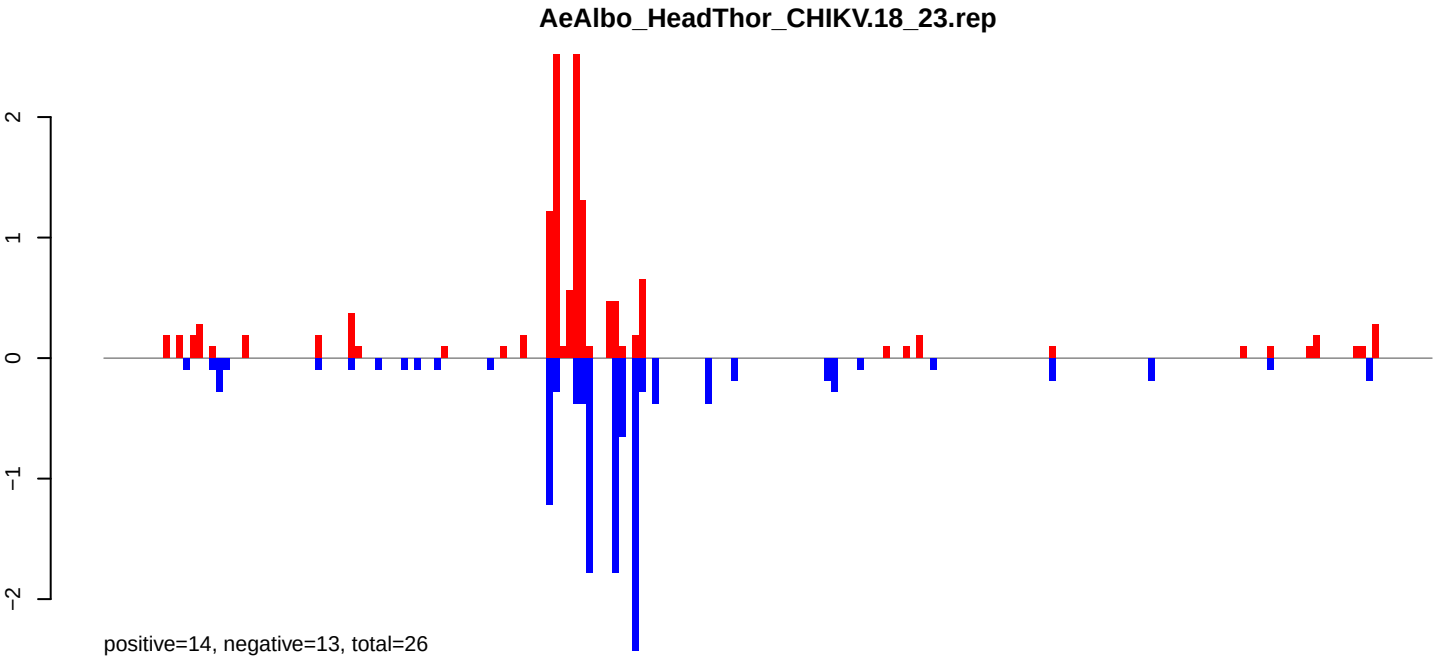

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=6, negative=4, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=139, negative=5, total=144
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=146, negative=8, total=154
Window size=25, length=1786, TE@rnd−5_family−825@Unknown:1−1786
0
500
1000
1500

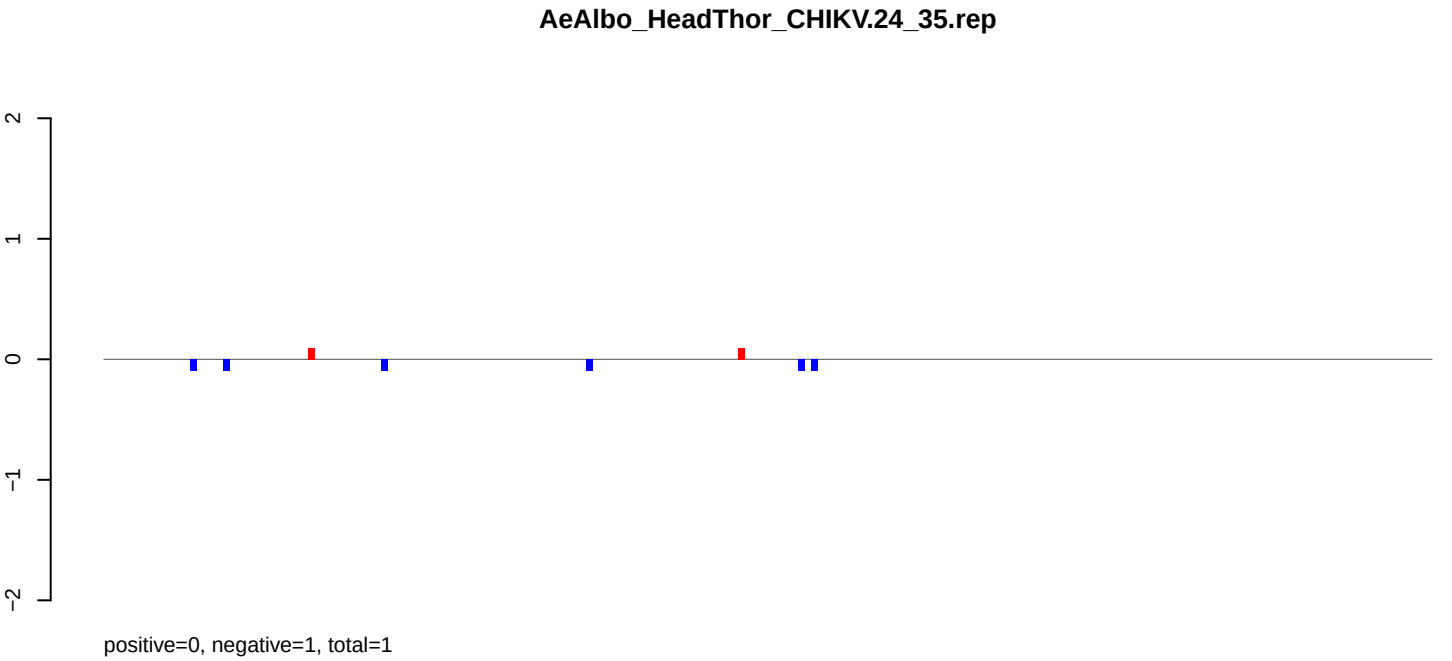

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=51, negative=73, total=124
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=12, negative=3, total=14
AeAlbo_HeadThor_CHIKV.rep
positive=62, negative=76, total=138
Window size=25, length=1446, TE@rnd−1_family−257@LINE_R1:1−1446
0
500
1000
1500

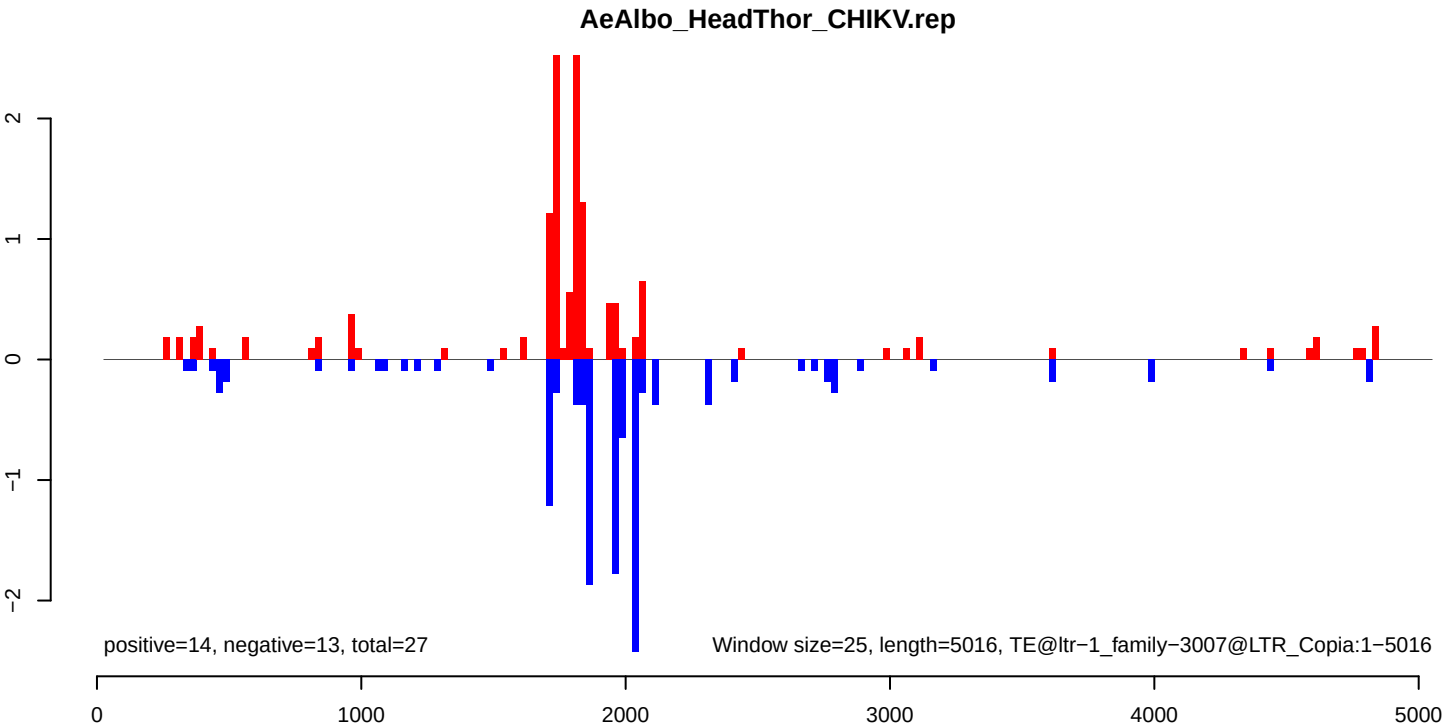

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=12, total=21
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=14, total=27
Window size=25, length=5846, TE@ltr−1_family−6343@LTR_Pao:1−5846
0
1000
2000
3000
4000
5000
6000

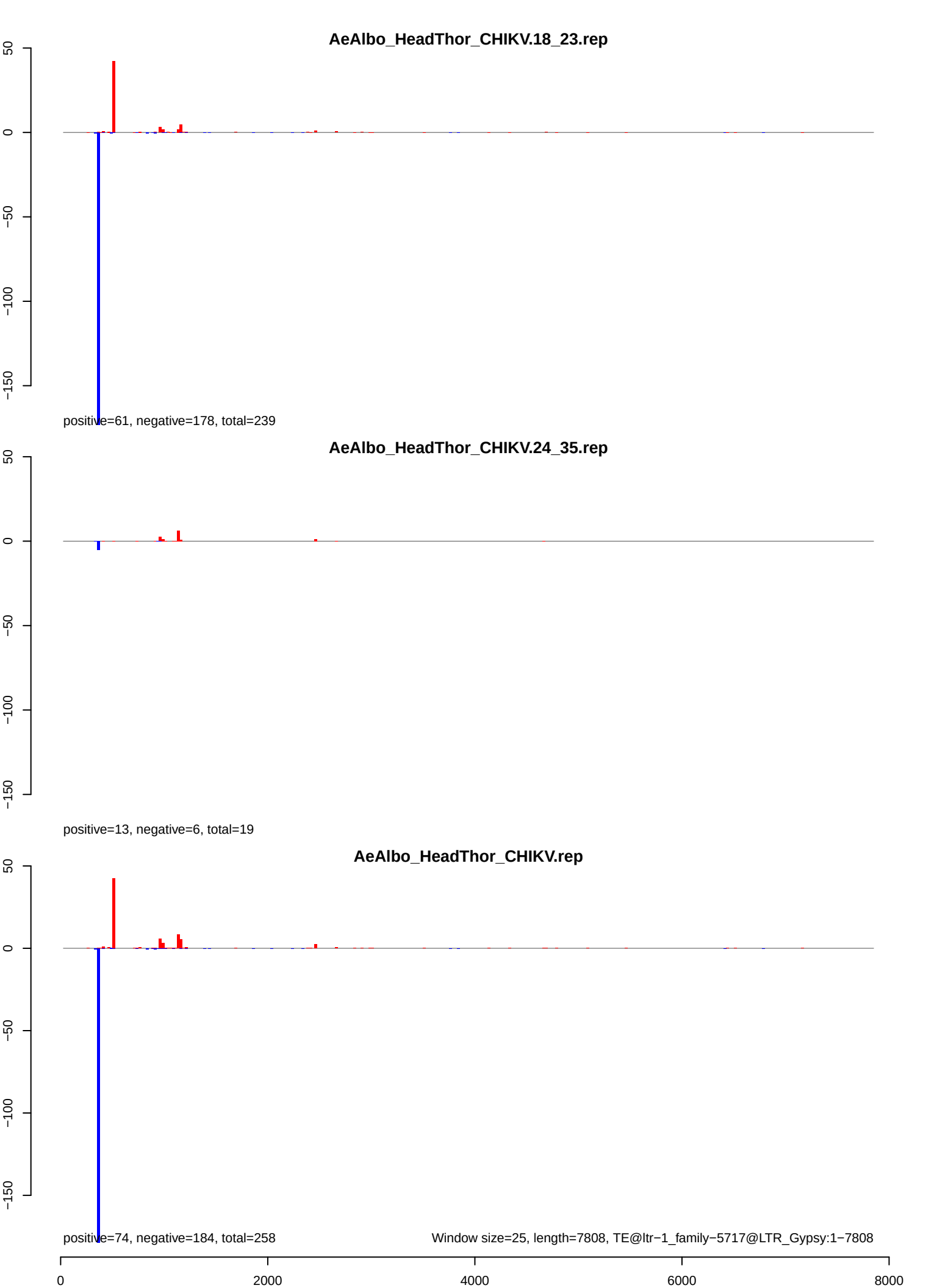

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=73, negative=76, total=149
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=73, negative=77, total=150
Window size=25, length=5782, TE@ltr−1_family−5390@LTR_Gypsy:1−5782
20
10
0
−10
−20
0
1000
2000
3000
4000
5000
6000

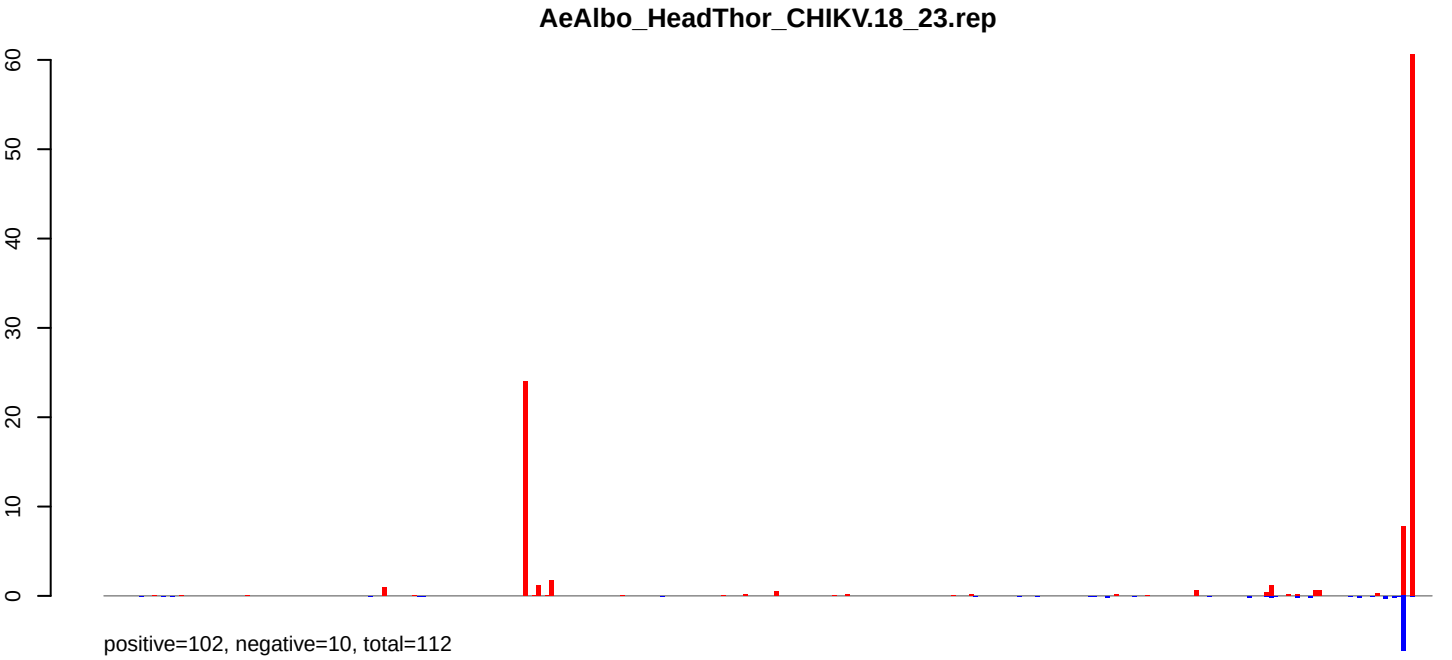

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=5, negative=6, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=6, negative=6, total=12
Window size=25, length=6716, TE@ltr−1_family−4162@LTR_Copia:1−6716
0
1000
2000
3000
4000
5000
6000
7000

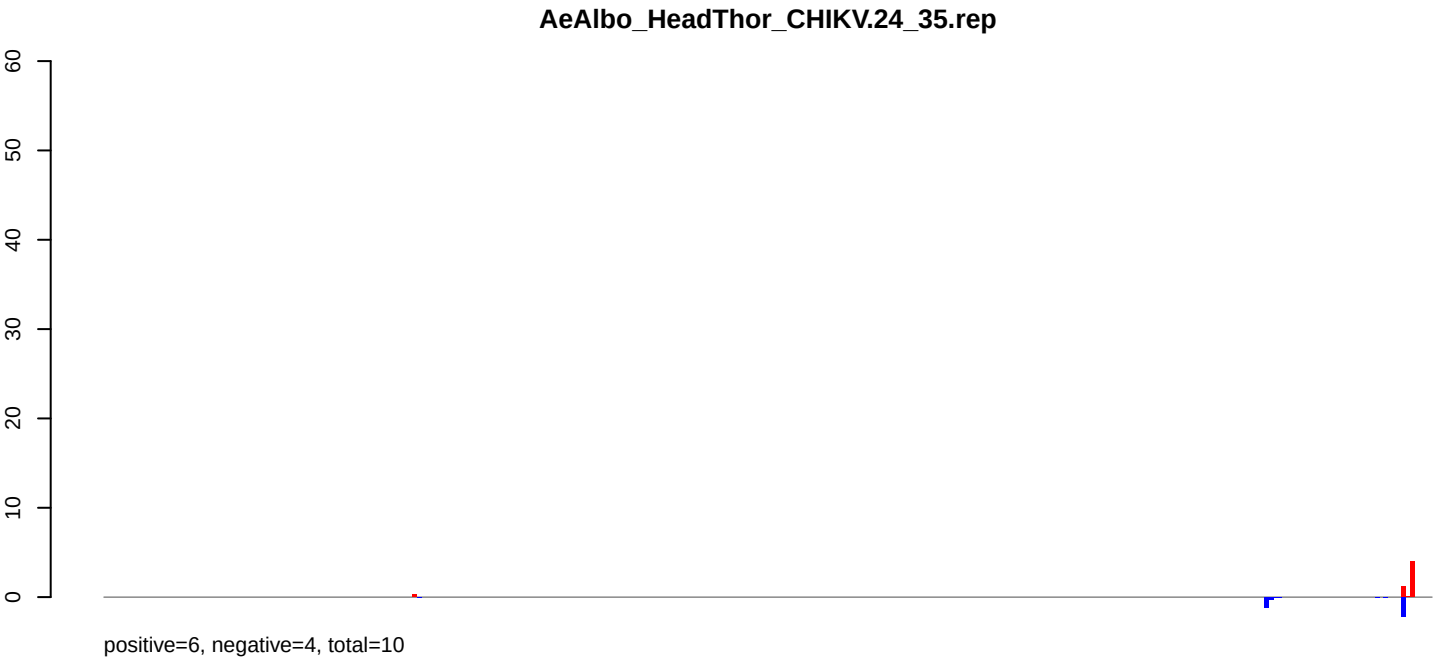

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=13, total=26

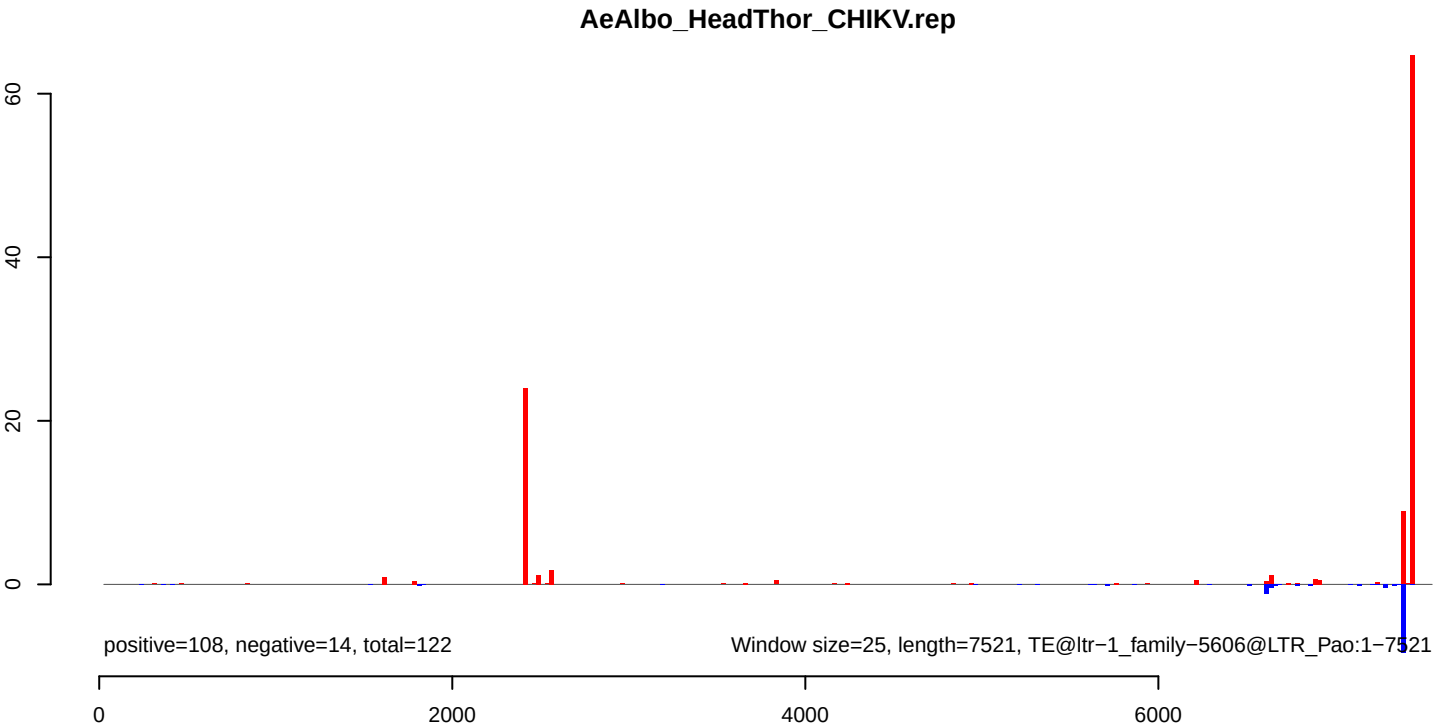

AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1

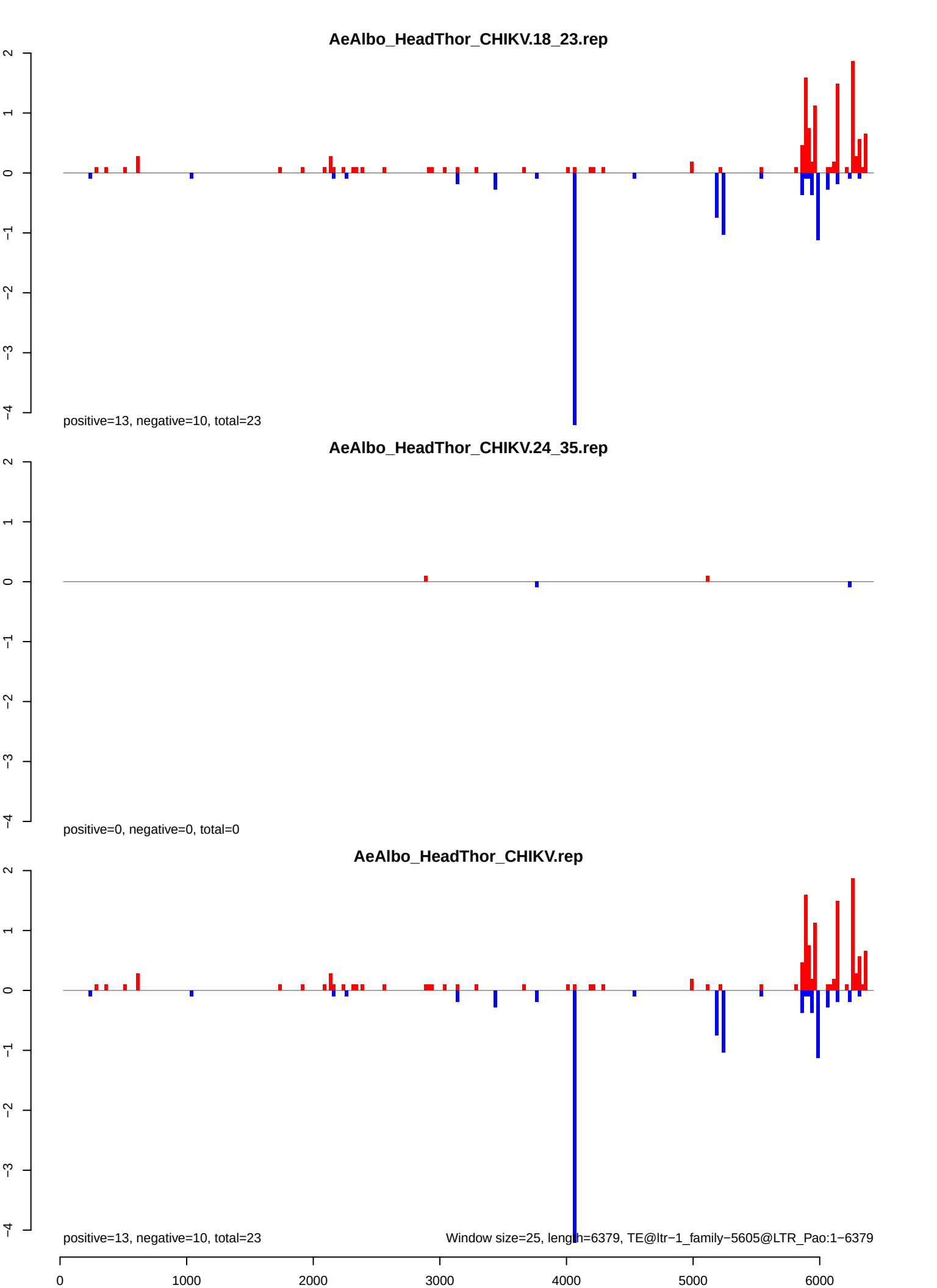

AeAlbo_HeadThor_CHIKV.rep
positive=14, negative=13, total=27
Window size=25, length=5016, TE@ltr−1_family−3007@LTR_Copia:1−5016
0
1000
2000
3000
4000
5000

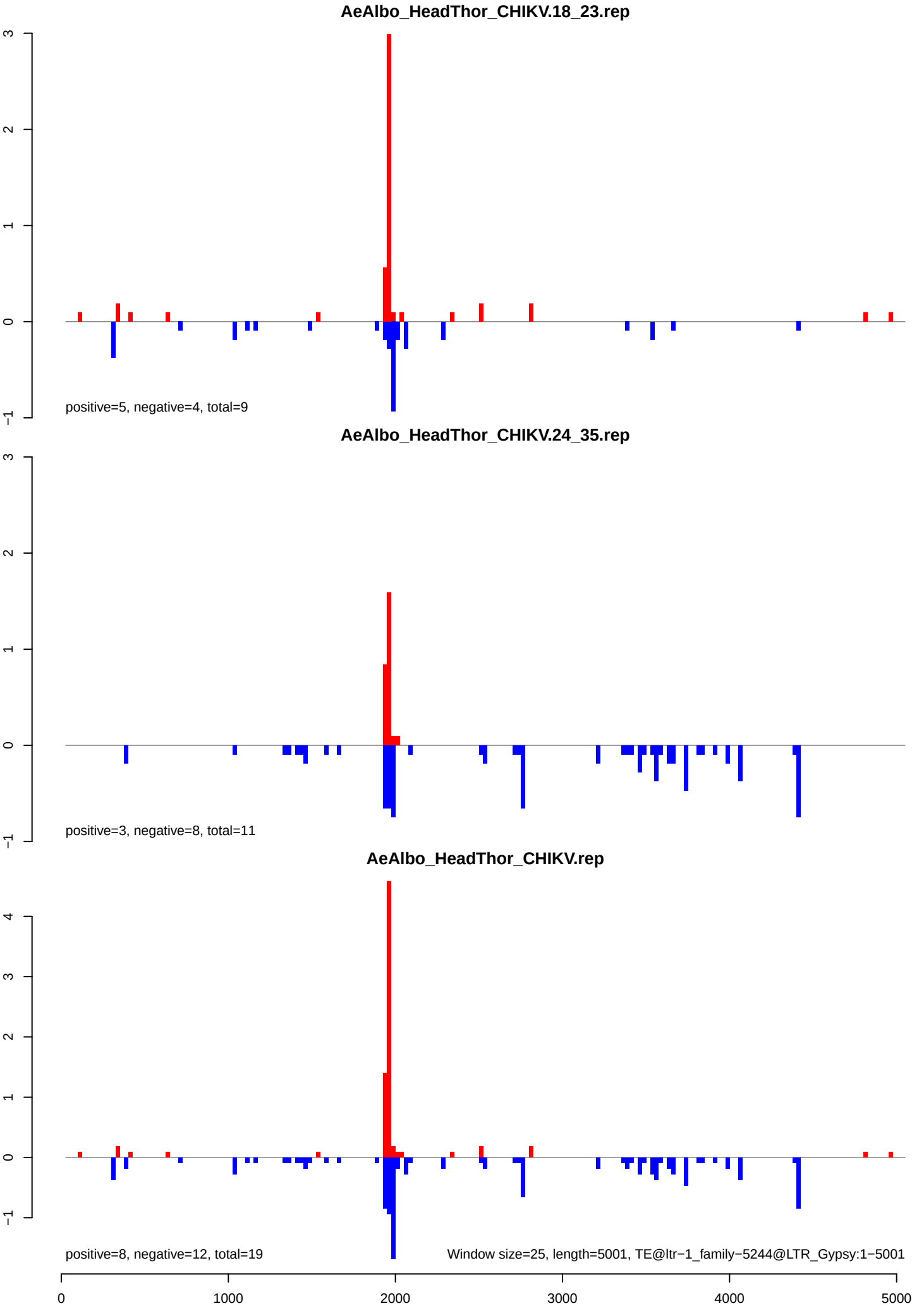

AeAlbo_HeadThor_CHIKV.18_23.rep
50
0
−50
−100
−150
positive=61, negative=178, total=239
AeAlbo_HeadThor_CHIKV.24_35.rep
50
0
−50
−100
−150
positive=13, negative=6, total=19
AeAlbo_HeadThor_CHIKV.rep
50
0
−50
−100
−150
positive=74, negative=184, total=258
Window size=25, length=7808, TE@ltr−1_family−5717@LTR_Gypsy:1−7808
0
2000
4000
6000
8000

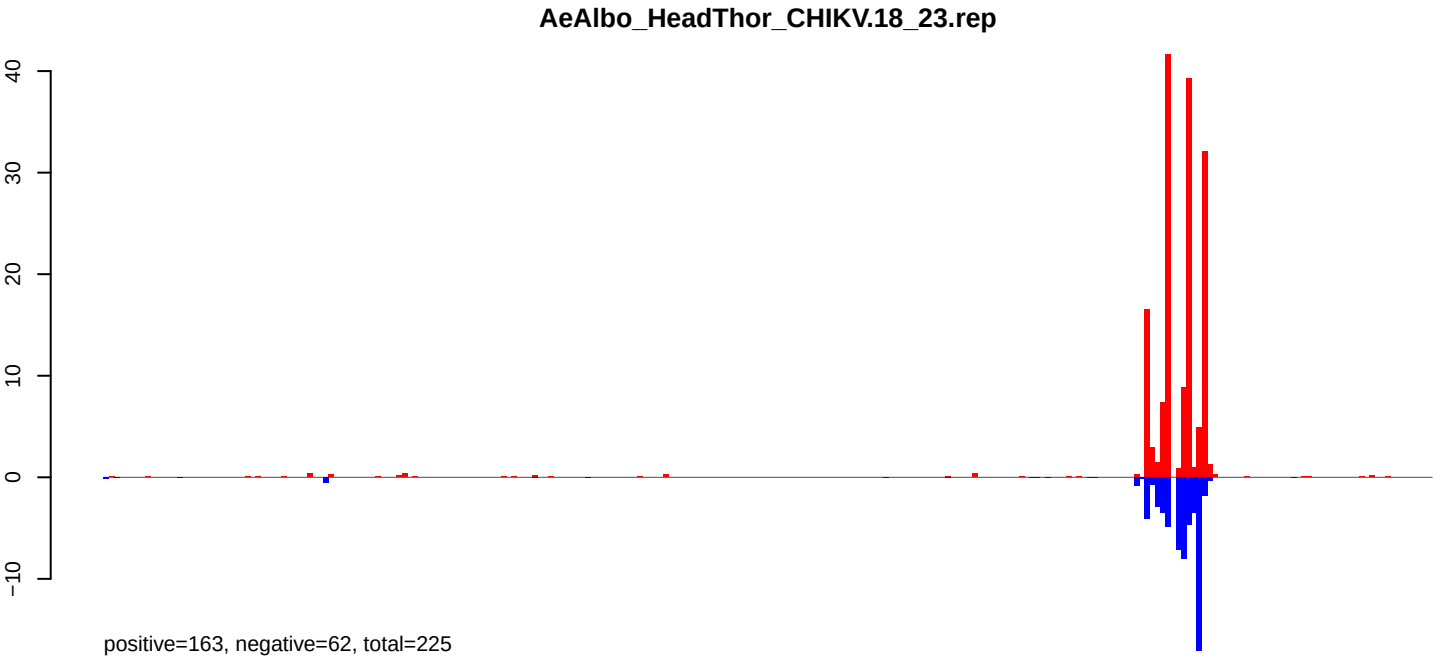

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
50
60
positive=102, negative=10, total=112

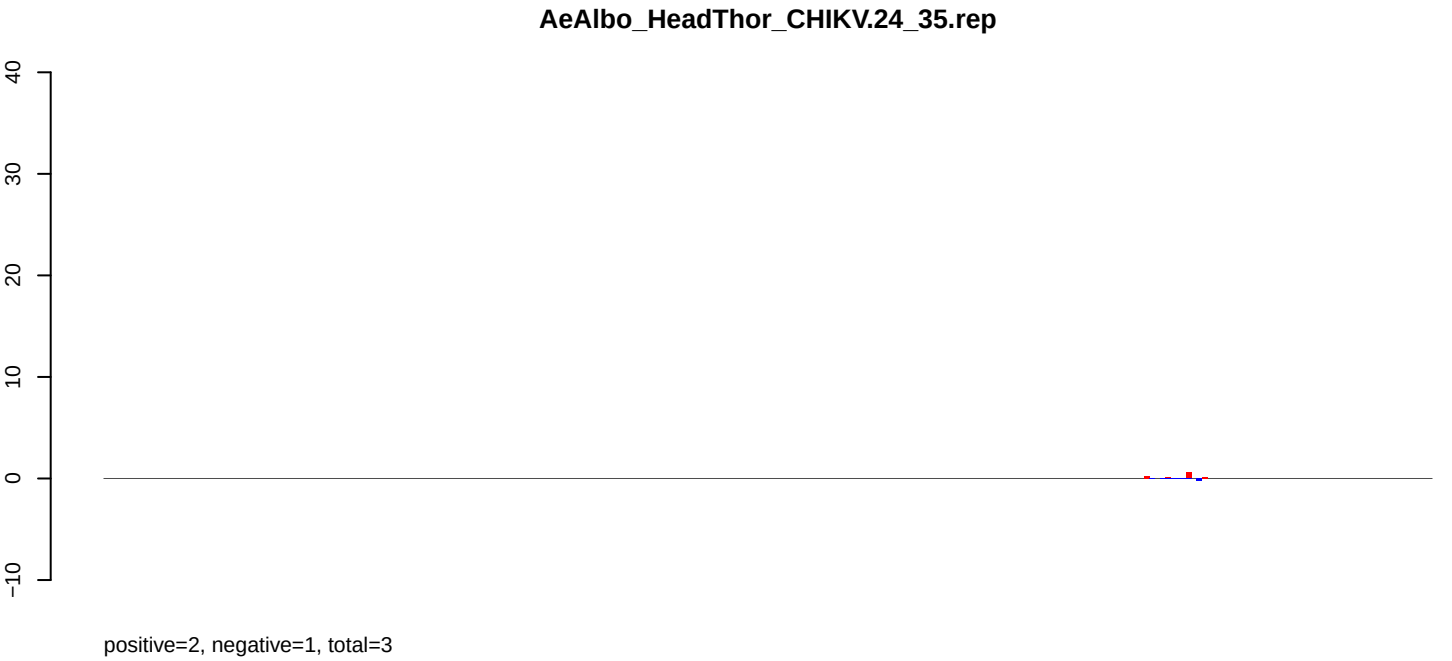

AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
50
60
positive=6, negative=4, total=10

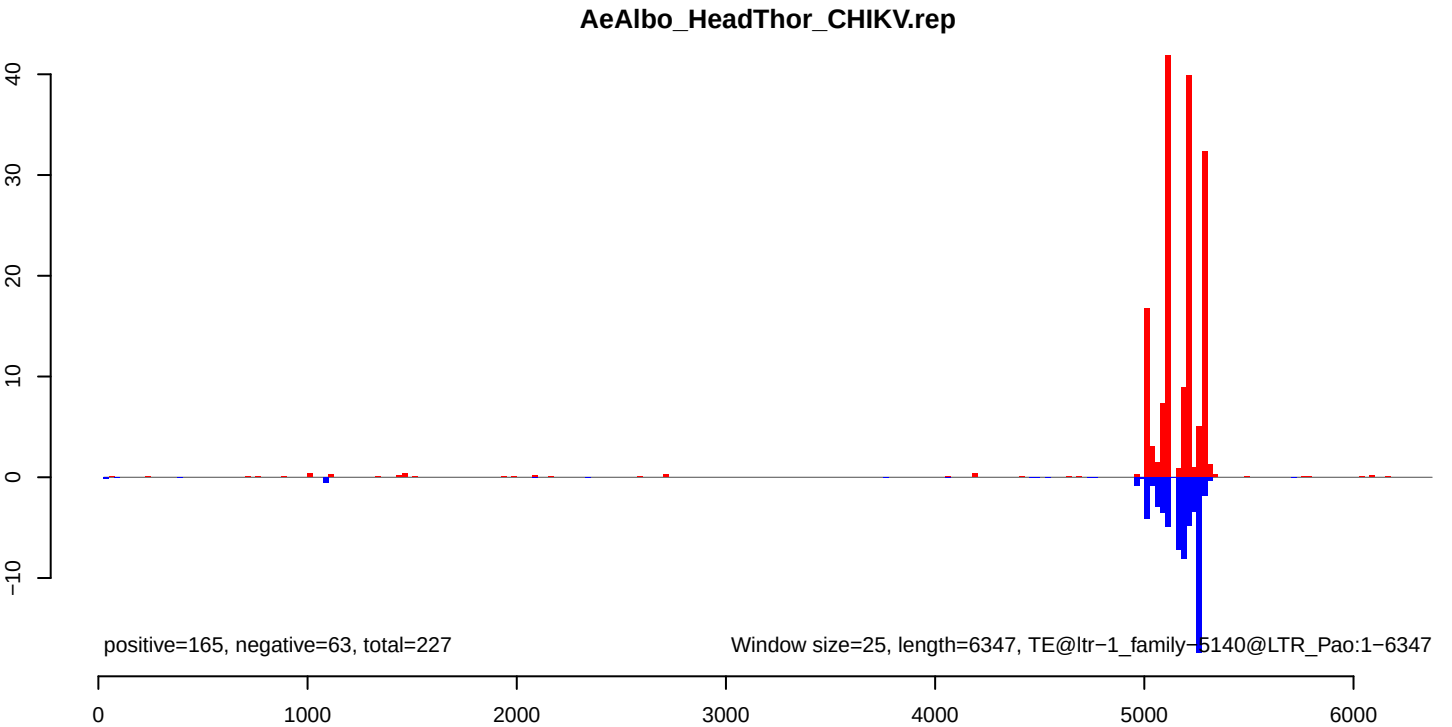

AeAlbo_HeadThor_CHIKV.rep
0
20
40
60
positive=108, negative=14, total=122
Window size=25, length=7521, TE@ltr−1_family−5606@LTR_Pao:1−7521
0
2000
4000
6000

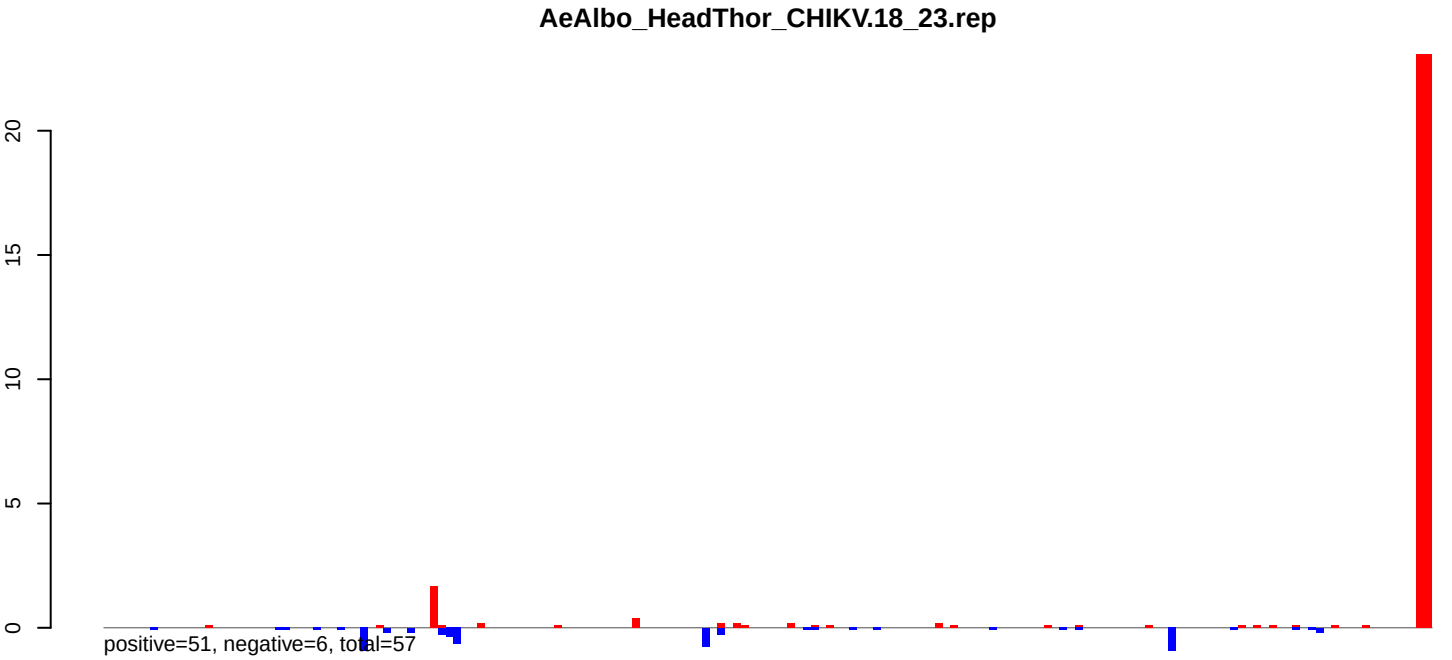

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=13, negative=10, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=10, total=23
Window size=25, length=6379, TE@ltr−1_family−5605@LTR_Pao:1−6379
2
1
0
−1
−2
−3
−4
0
1000
2000
3000
4000
5000
6000

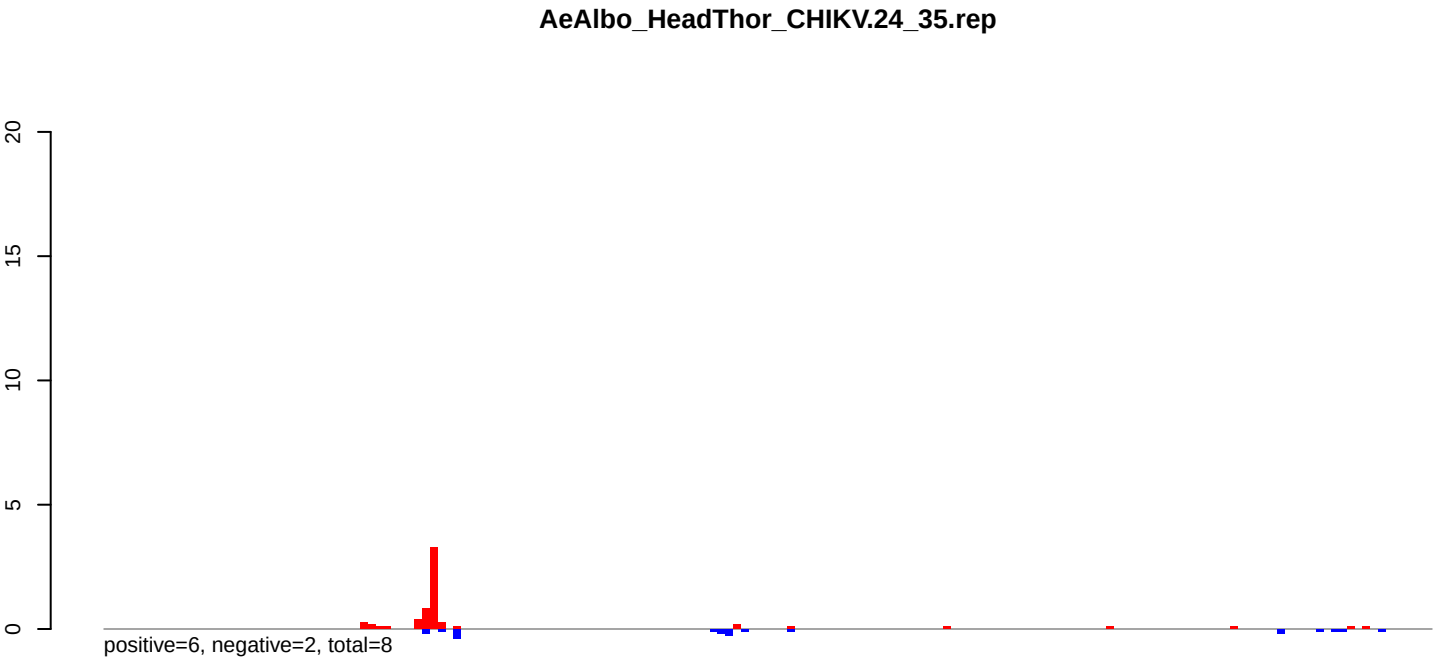

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=4, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=8, total=11
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=12, total=19
Window size=25, length=5001, TE@ltr−1_family−5244@LTR_Gypsy:1−5001
0
1000
2000
3000
4000
5000

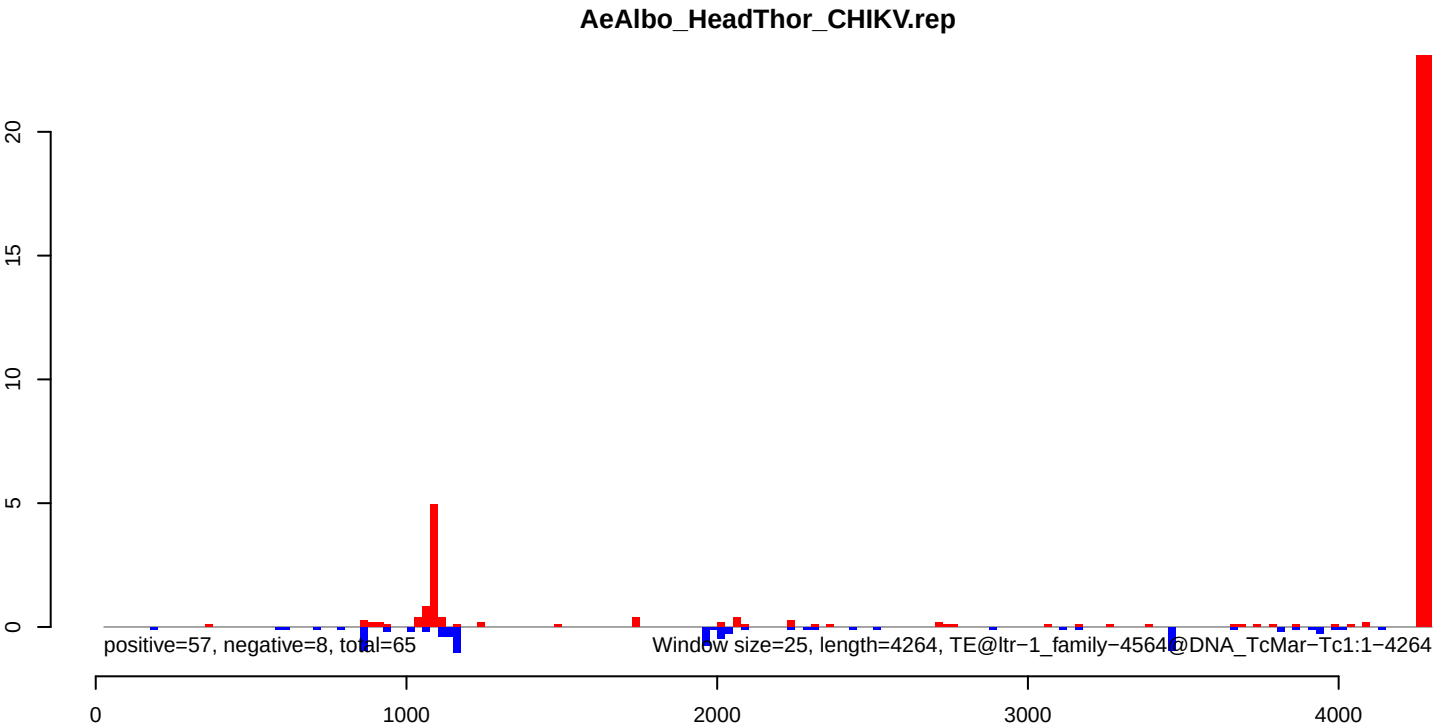

AeAlbo_HeadThor_CHIKV.18_23.rep
40
30
20
10
0
−10
positive=163, negative=62, total=225

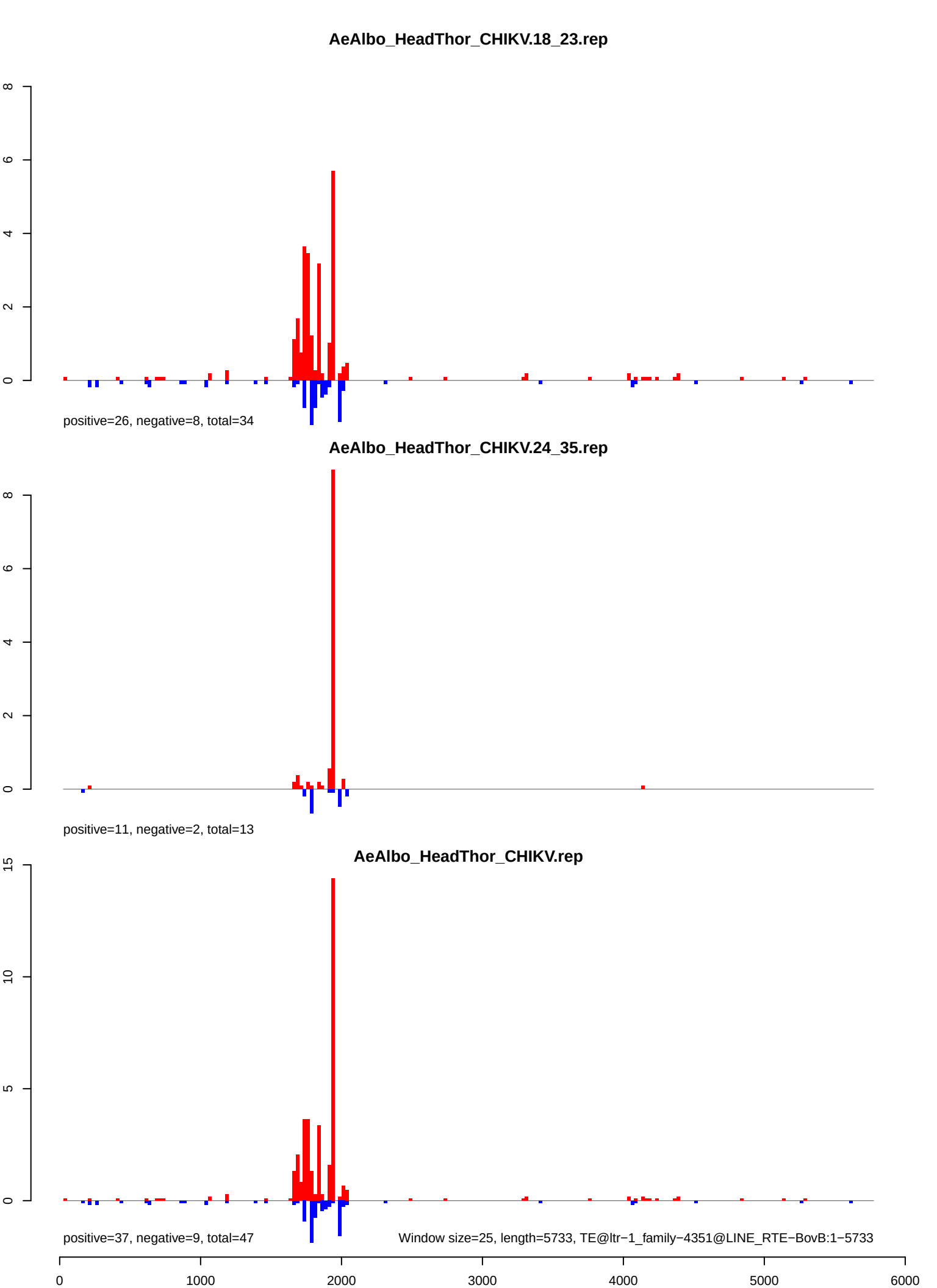

AeAlbo_HeadThor_CHIKV.24_35.rep
40
30
20
10
0
−10
positive=2, negative=1, total=3

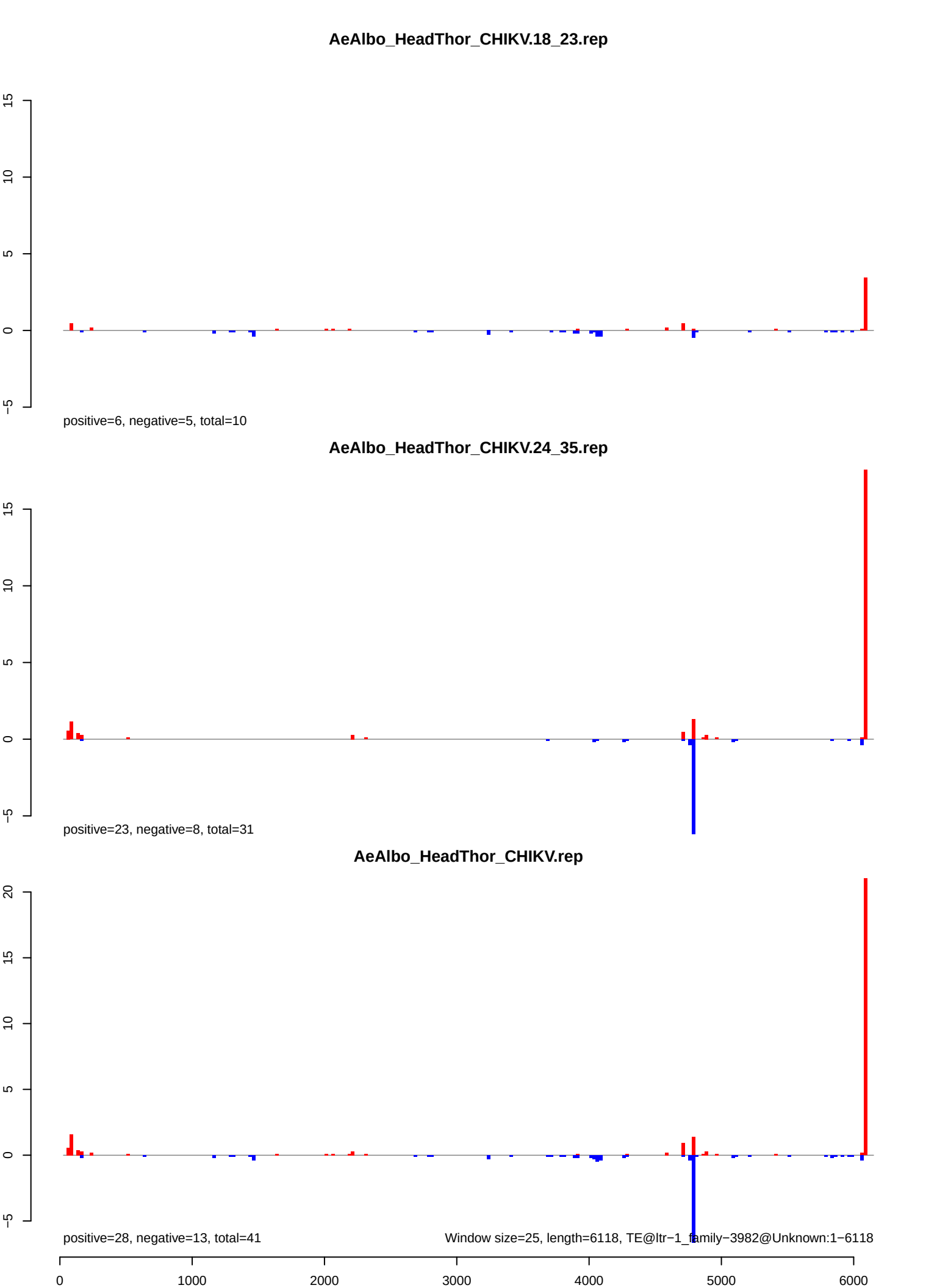

AeAlbo_HeadThor_CHIKV.rep
40
30
20
10
0
−10
positive=165, negative=63, total=227
Window size=25, length=6347, TE@ltr−1_family−5140@LTR_Pao:1−6347
0
1000
2000
3000
4000
5000
6000

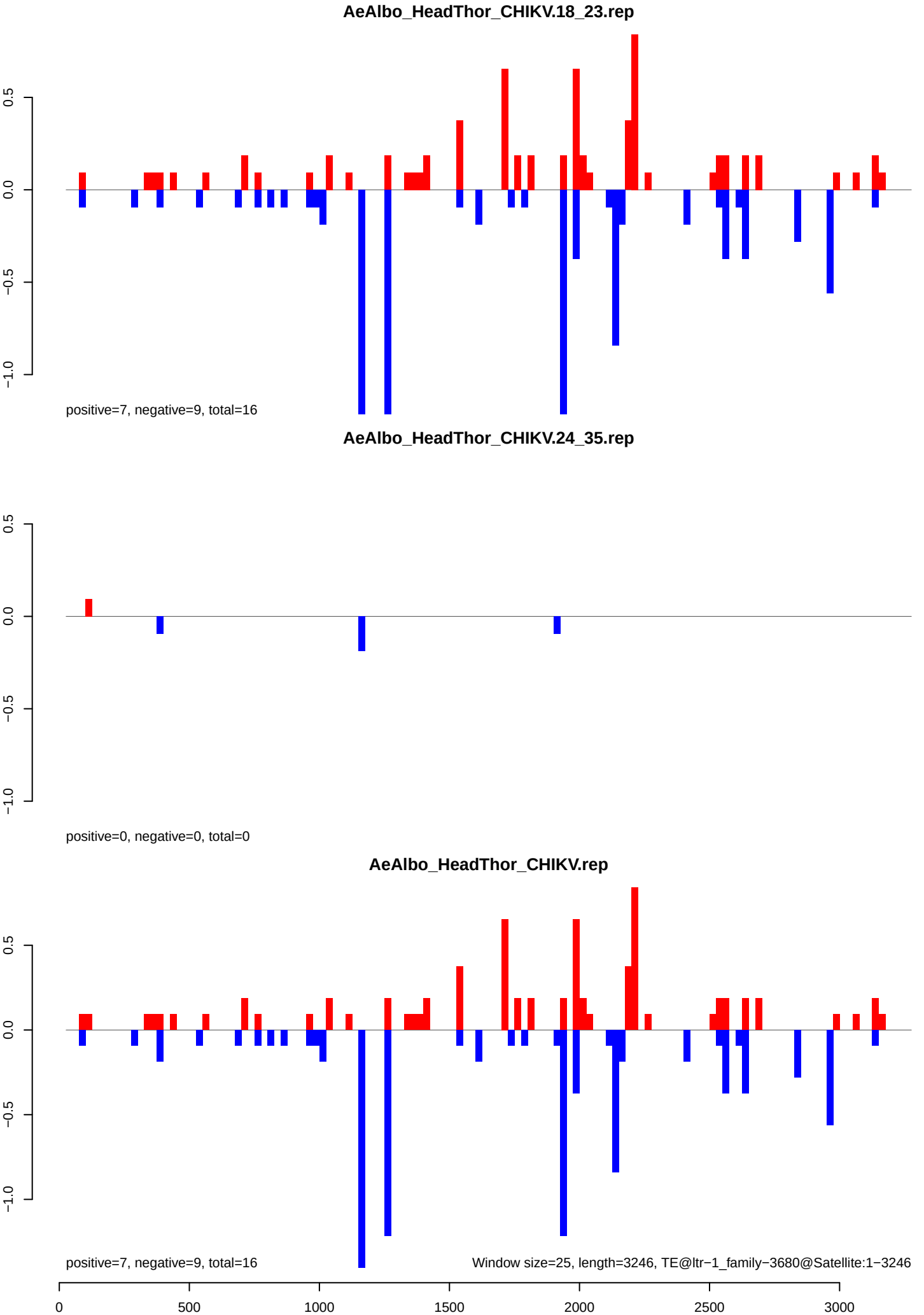

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=51, negative=6, total=57

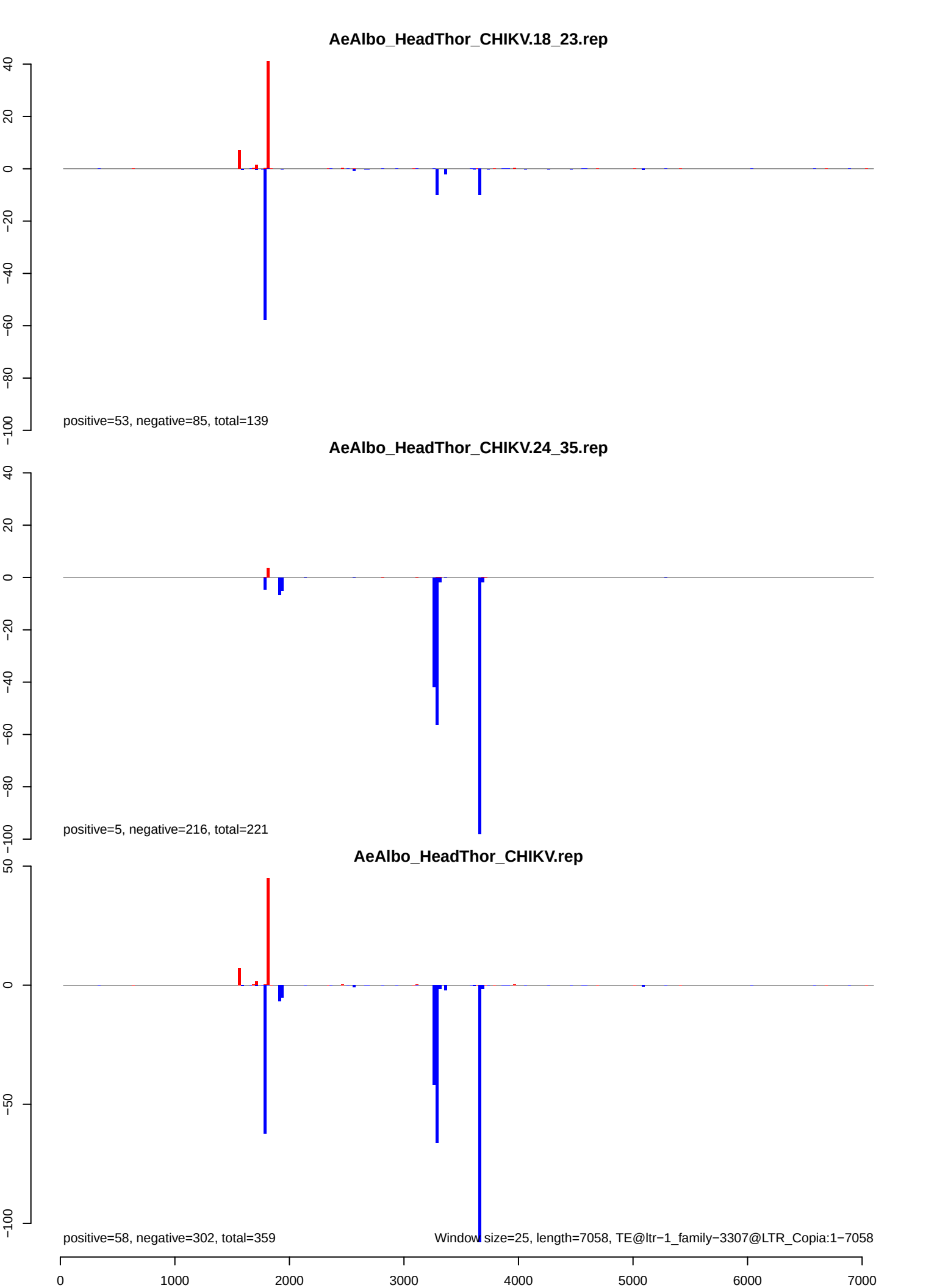

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=6, negative=2, total=8

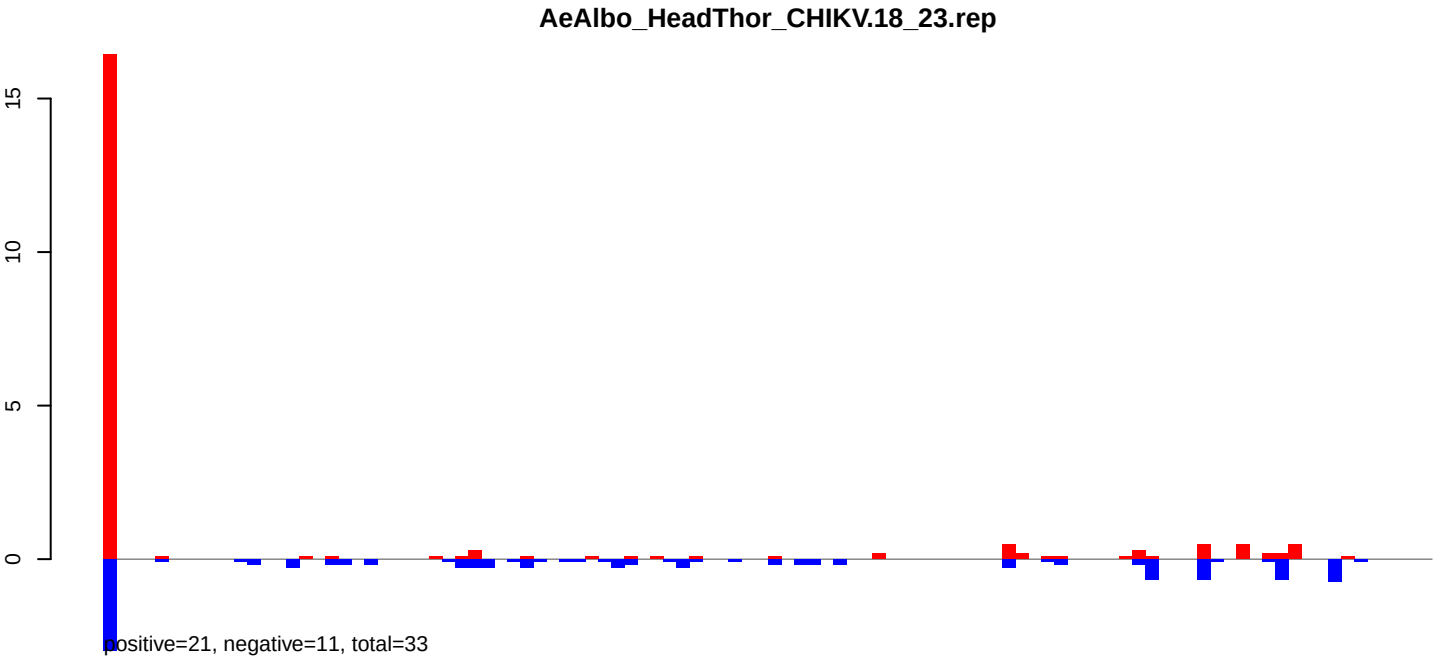

AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=57, negative=8, total=65
Window size=25, length=4264, TE@ltr−1_family−4564@DNA_TcMar−Tc1:1−4264
0
1000
2000
3000
4000

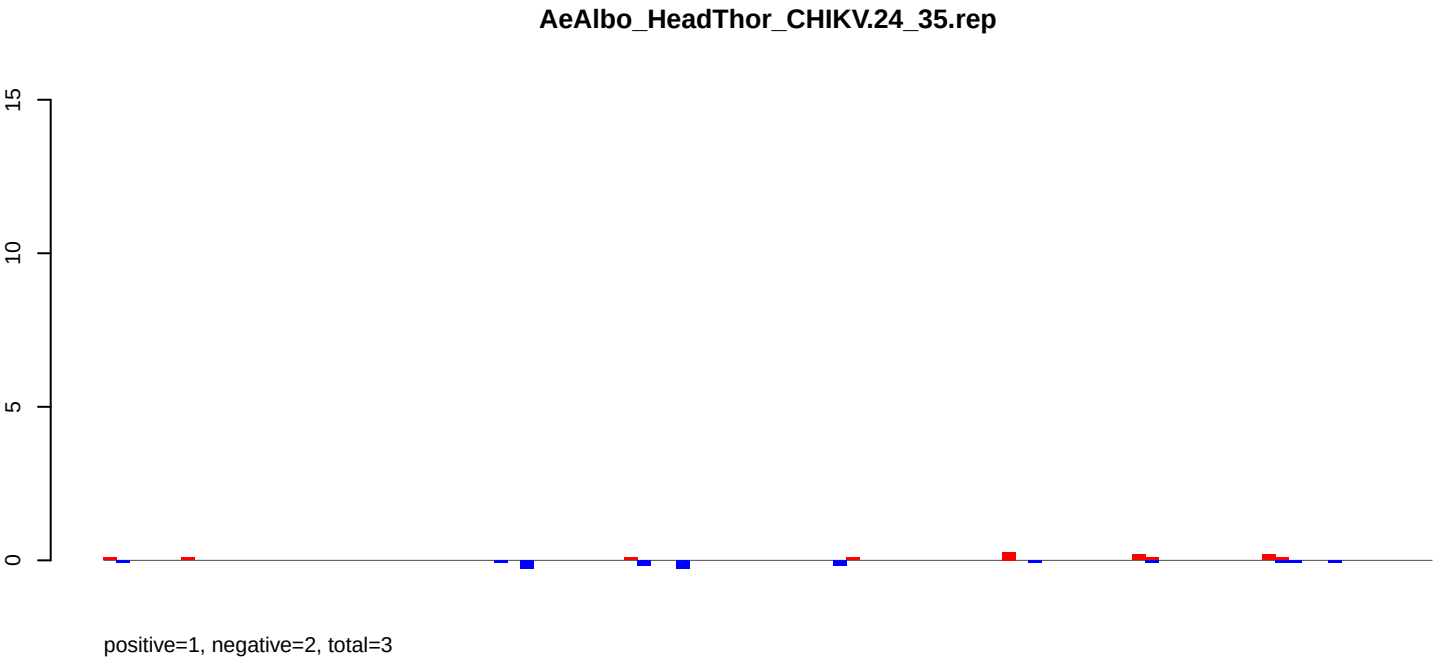

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
positive=26, negative=8, total=34
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
positive=11, negative=2, total=13
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
positive=37, negative=9, total=47
Window size=25, length=5733, TE@ltr−1_family−4351@LINE_RTE−BovB:1−5733
0
1000
2000
3000
4000
5000
6000

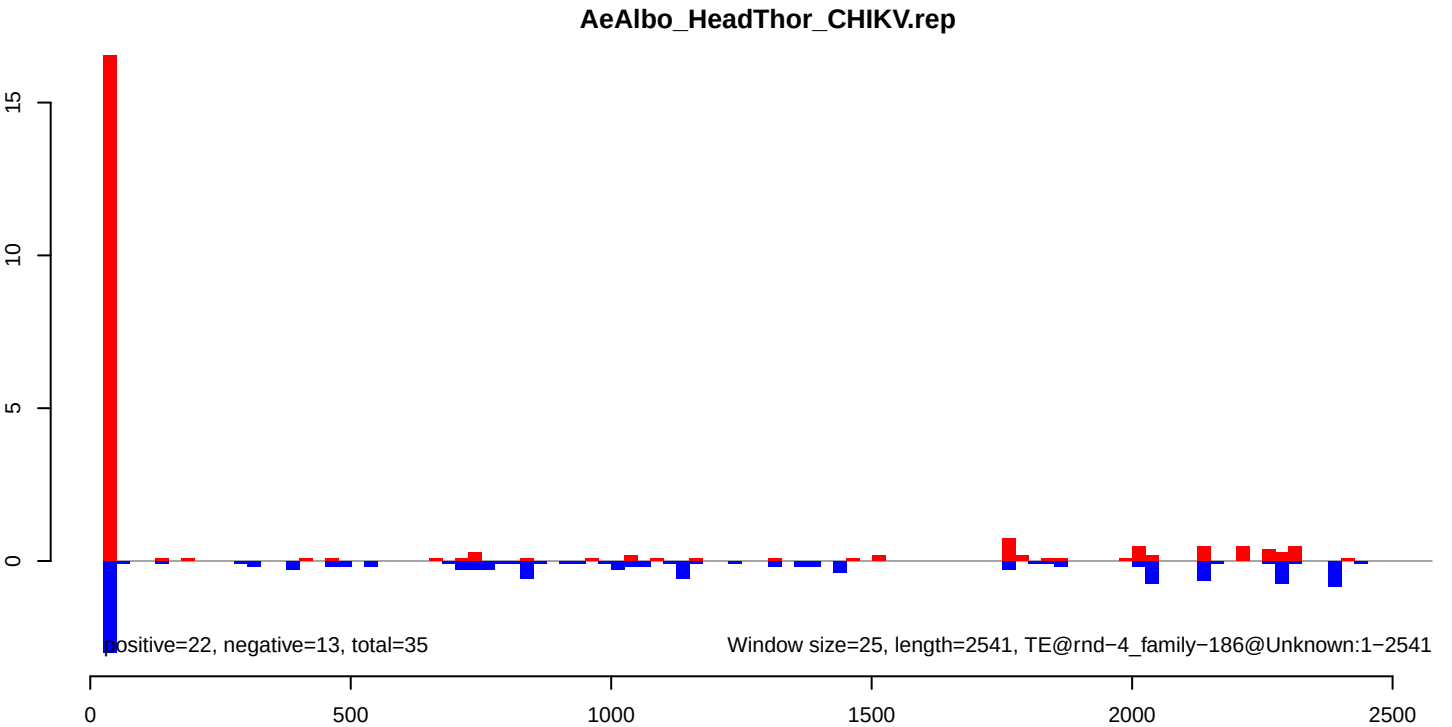

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
positive=6, negative=5, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
positive=23, negative=8, total=31
AeAlbo_HeadThor_CHIKV.rep
20
15
10
5
0
−5
positive=28, negative=13, total=41
Window size=25, length=6118, TE@ltr−1_family−3982@Unknown:1−6118
0
1000
2000
3000
4000
5000
6000

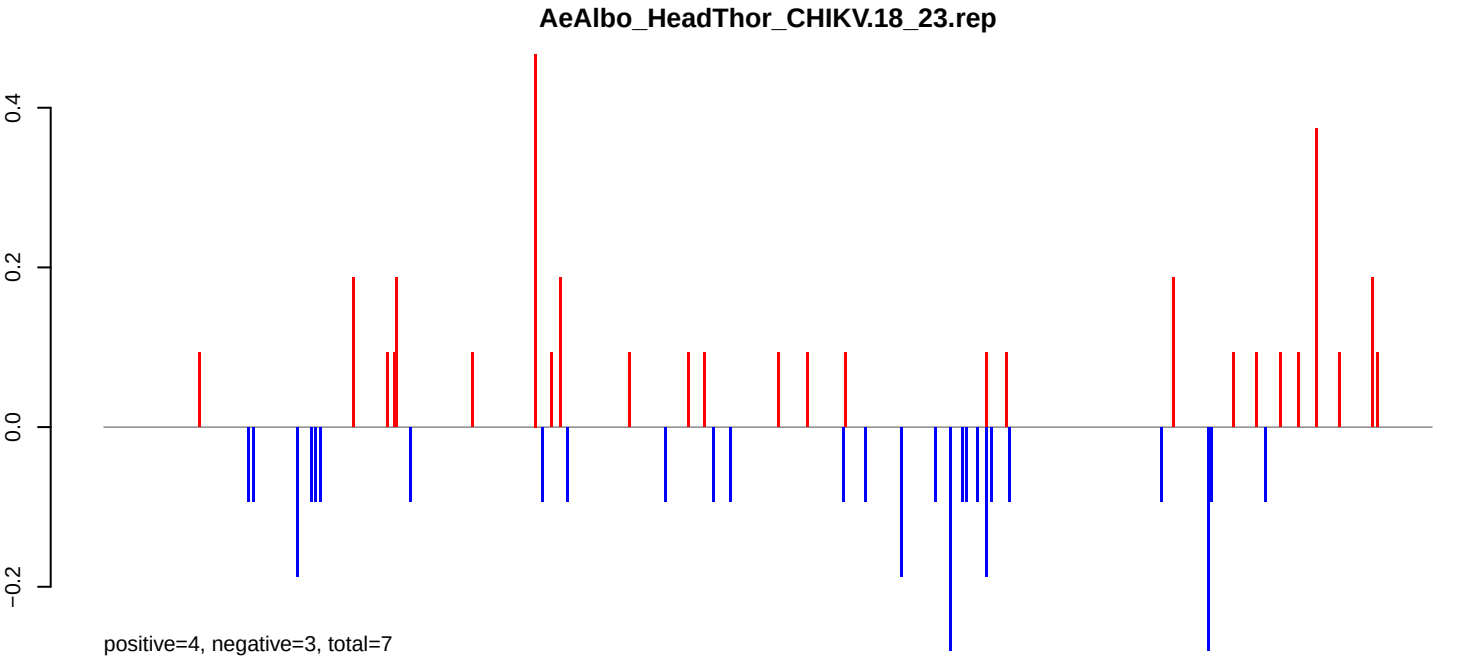

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=7, negative=9, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=7, negative=9, total=16
Window size=25, length=3246, TE@ltr−1_family−3680@Satellite:1−3246
0
500
1000
1500
2000
2500
3000

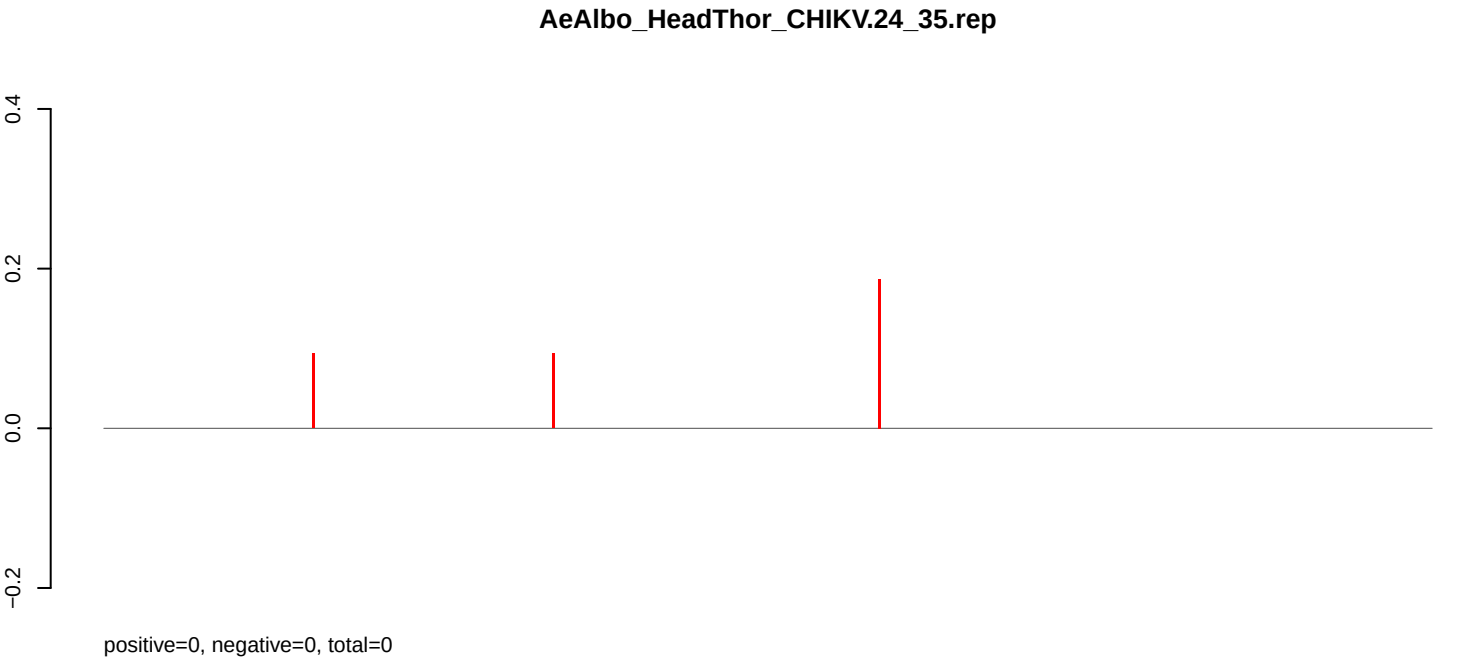

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=53, negative=85, total=139
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=5, negative=216, total=221
AeAlbo_HeadThor_CHIKV.rep
positive=58, negative=302, total=359
Window size=25, length=7058, TE@ltr−1_family−3307@LTR_Copia:1−7058
0
1000
2000
3000
4000
5000
6000
7000

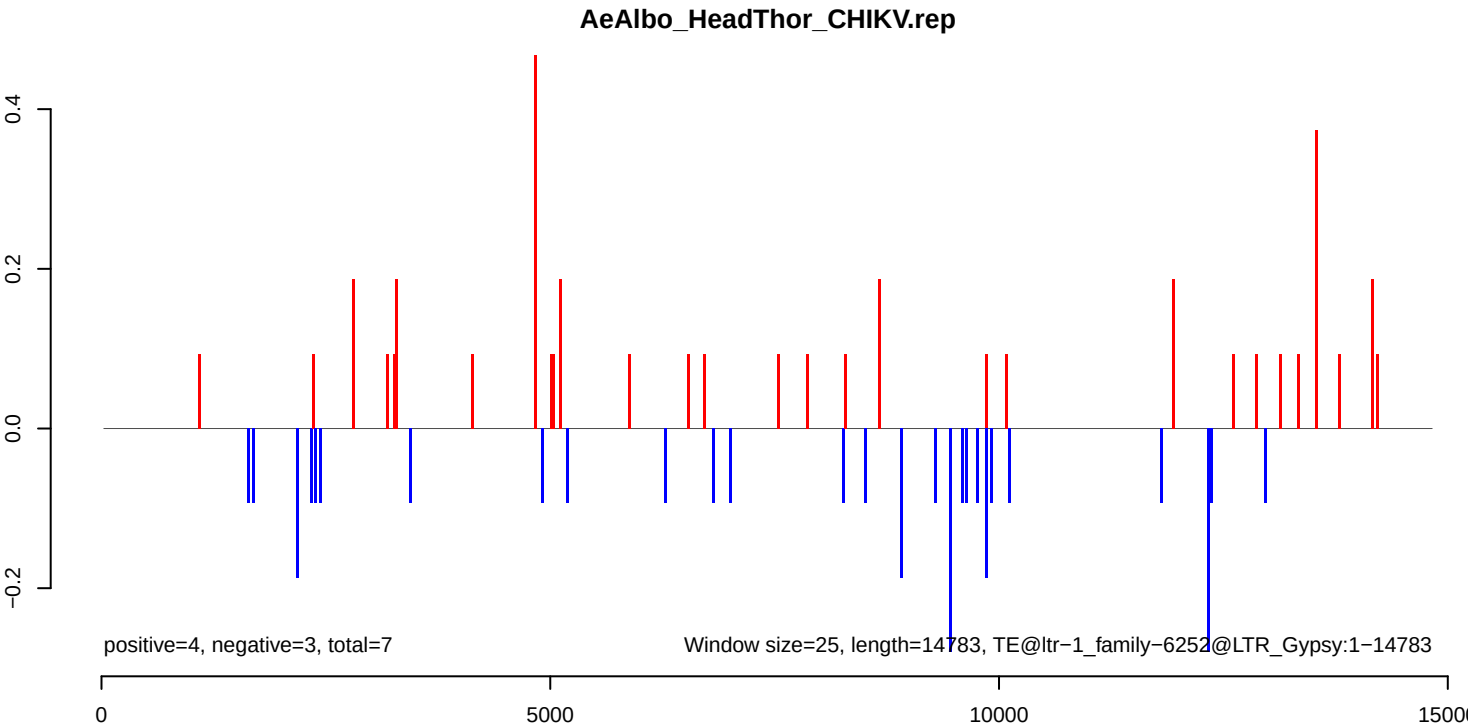

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=21, negative=11, total=33

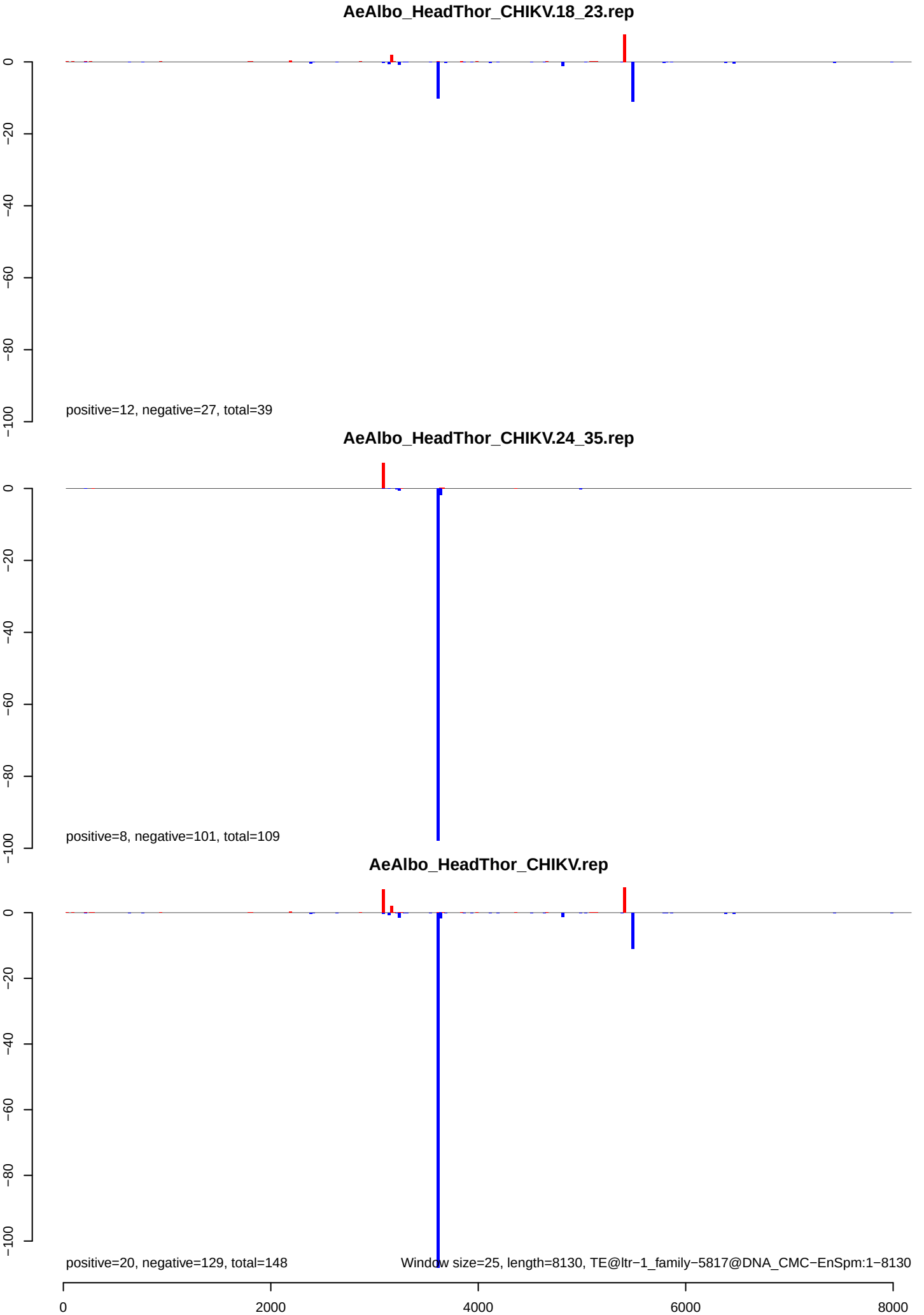

AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=1, negative=2, total=3

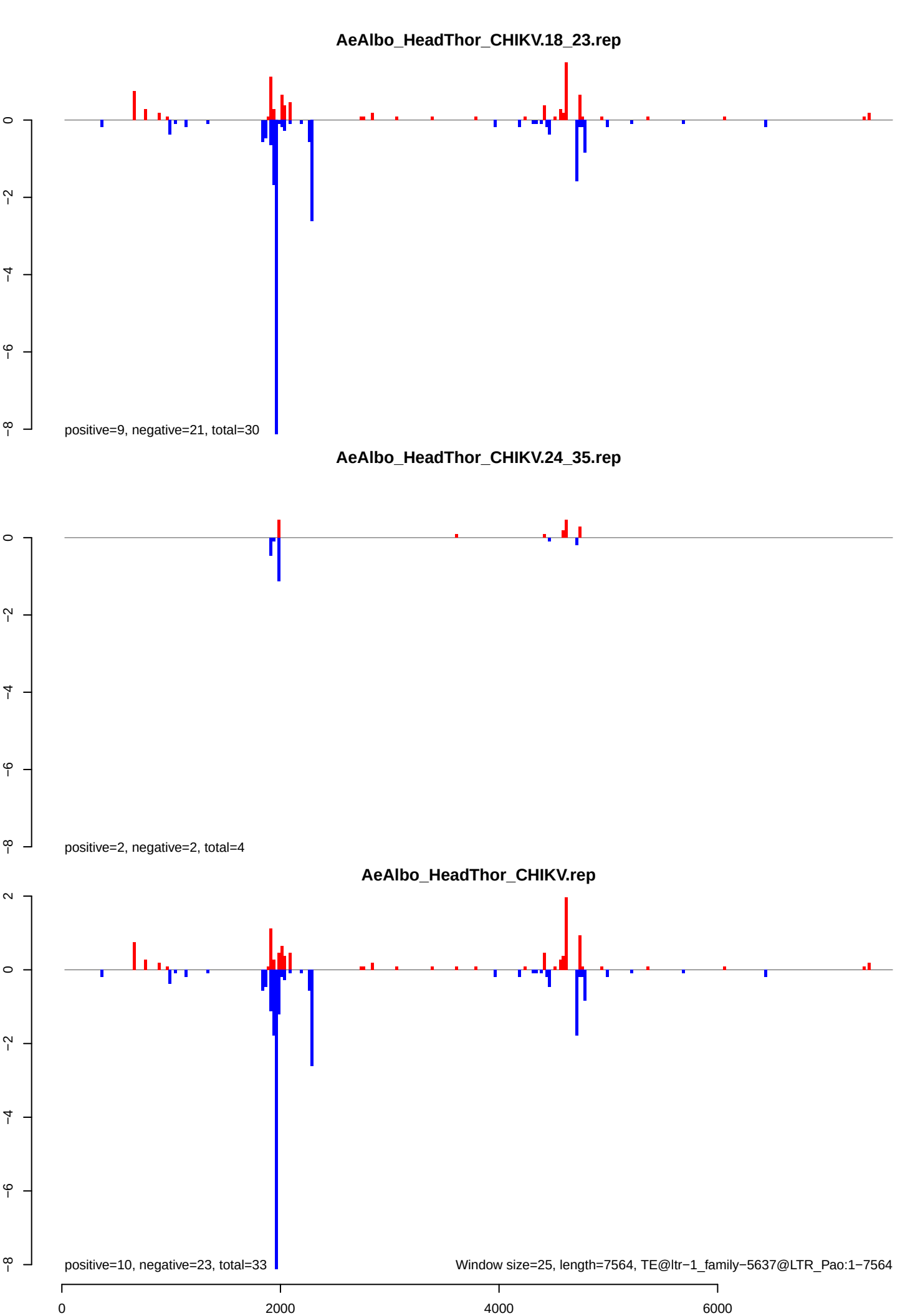

AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
positive=22, negative=13, total=35
Window size=25, length=2541, TE@rnd−4_family−186@Unknown:1−2541
0
500
1000
1500
2000
2500

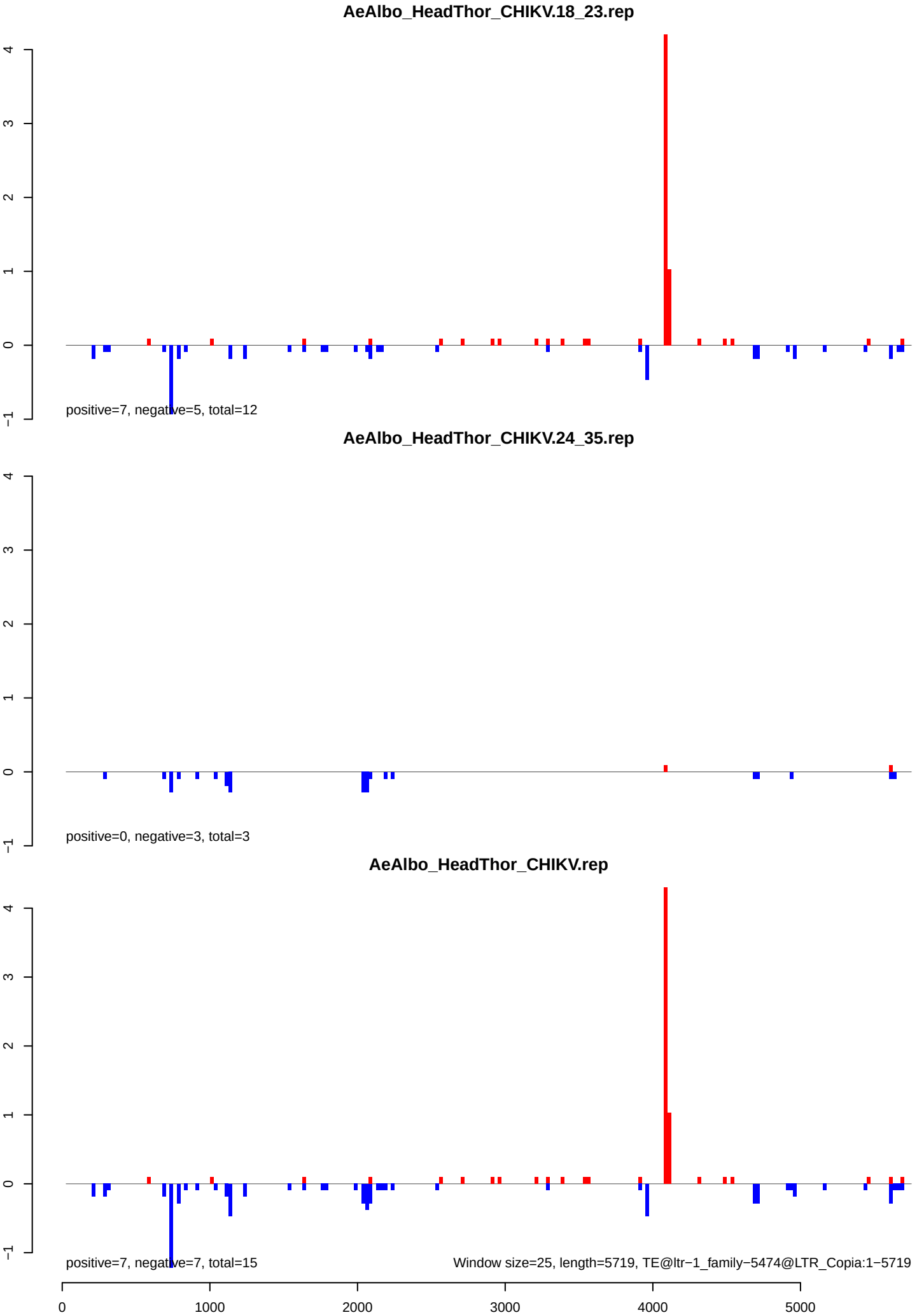

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=4, negative=3, total=7

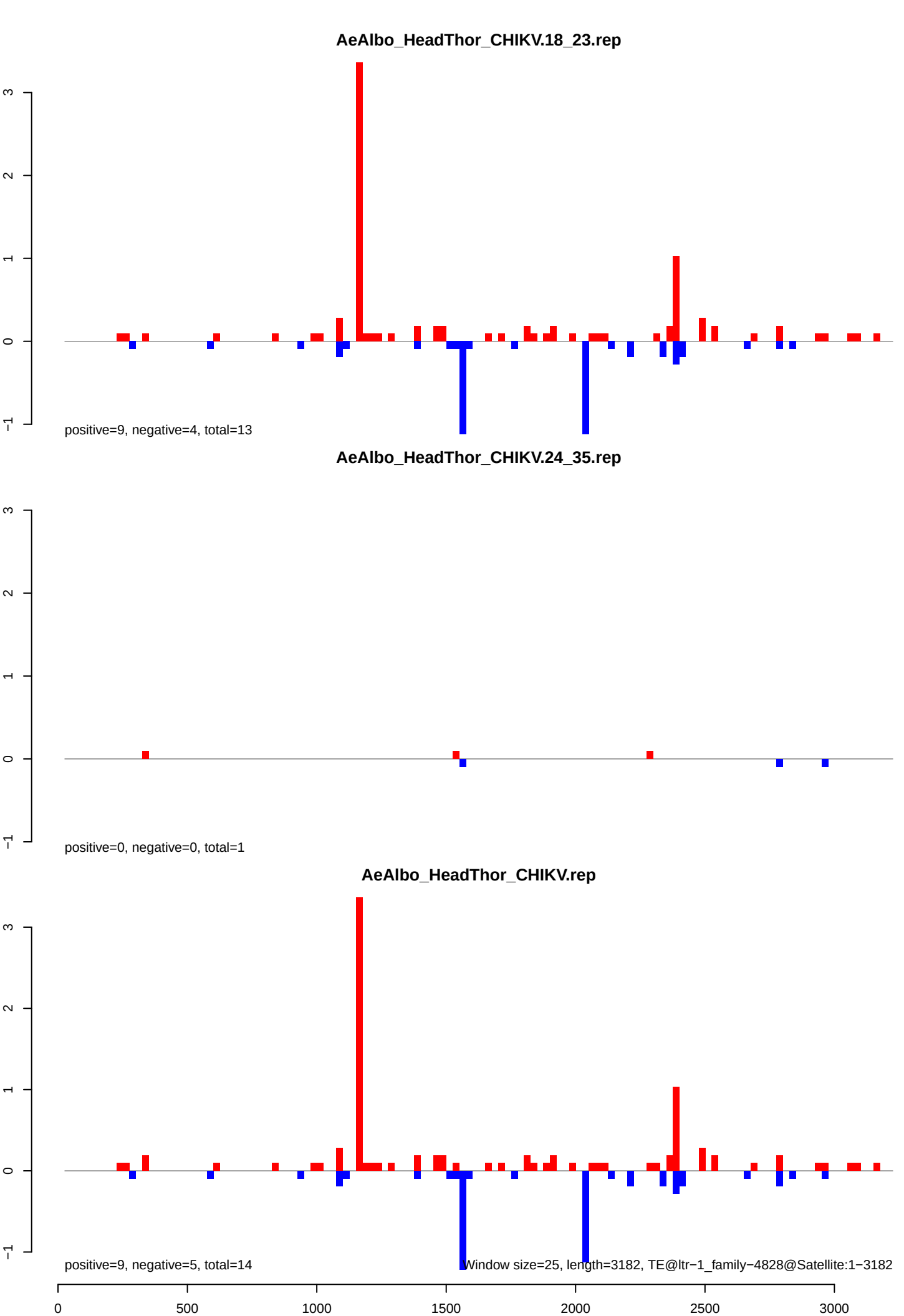

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

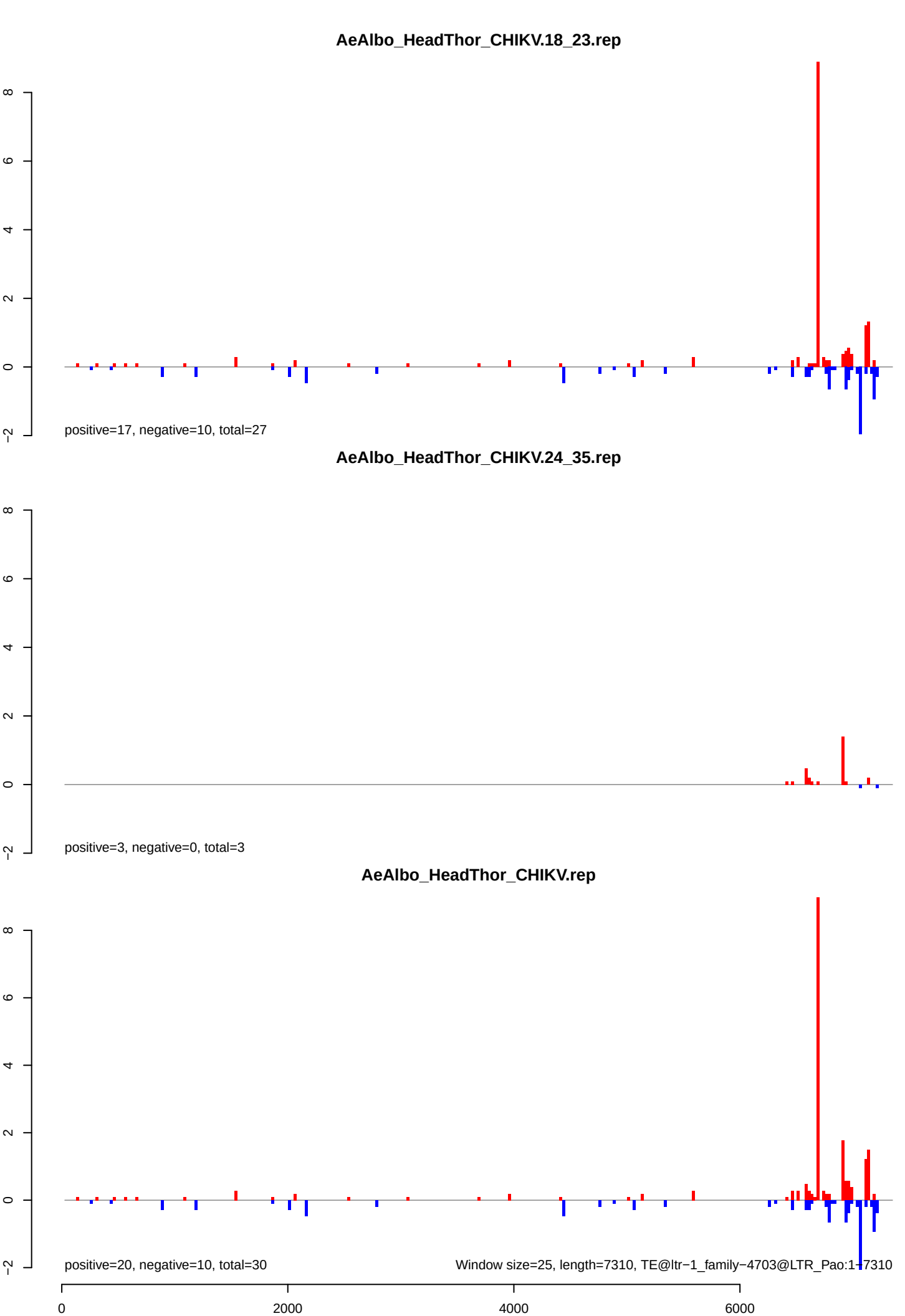

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=4, negative=3, total=7
Window size=25, length=14783, TE@ltr−1_family−6252@LTR_Gypsy:1−14783
0
5000
10000
15000

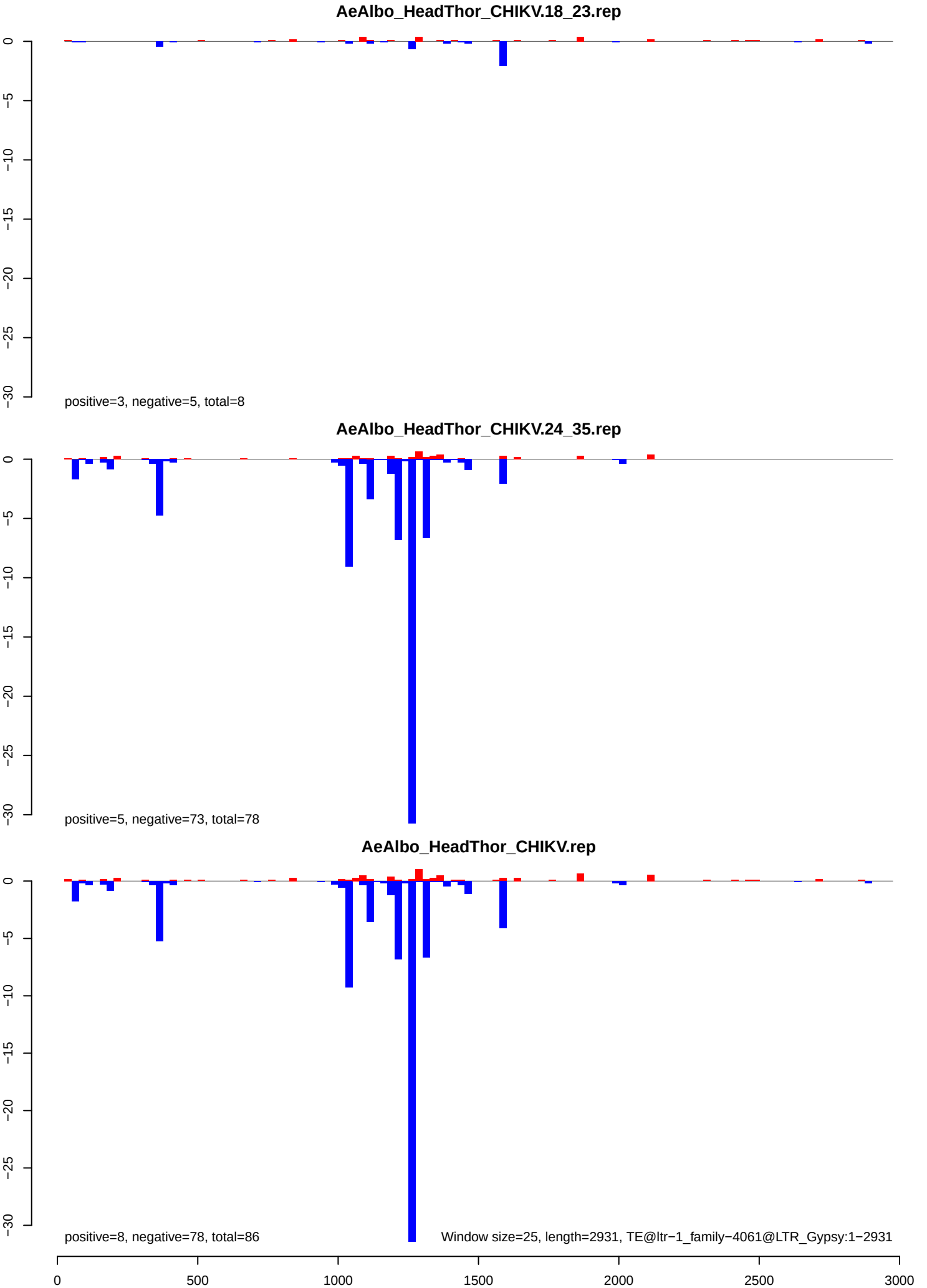

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=12, negative=27, total=39
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=8, negative=101, total=109
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=20, negative=129, total=148
Window size=25, length=8130, TE@ltr−1_family−5817@DNA_CMC−EnSpm:1−8130
0
2000
4000
6000
8000

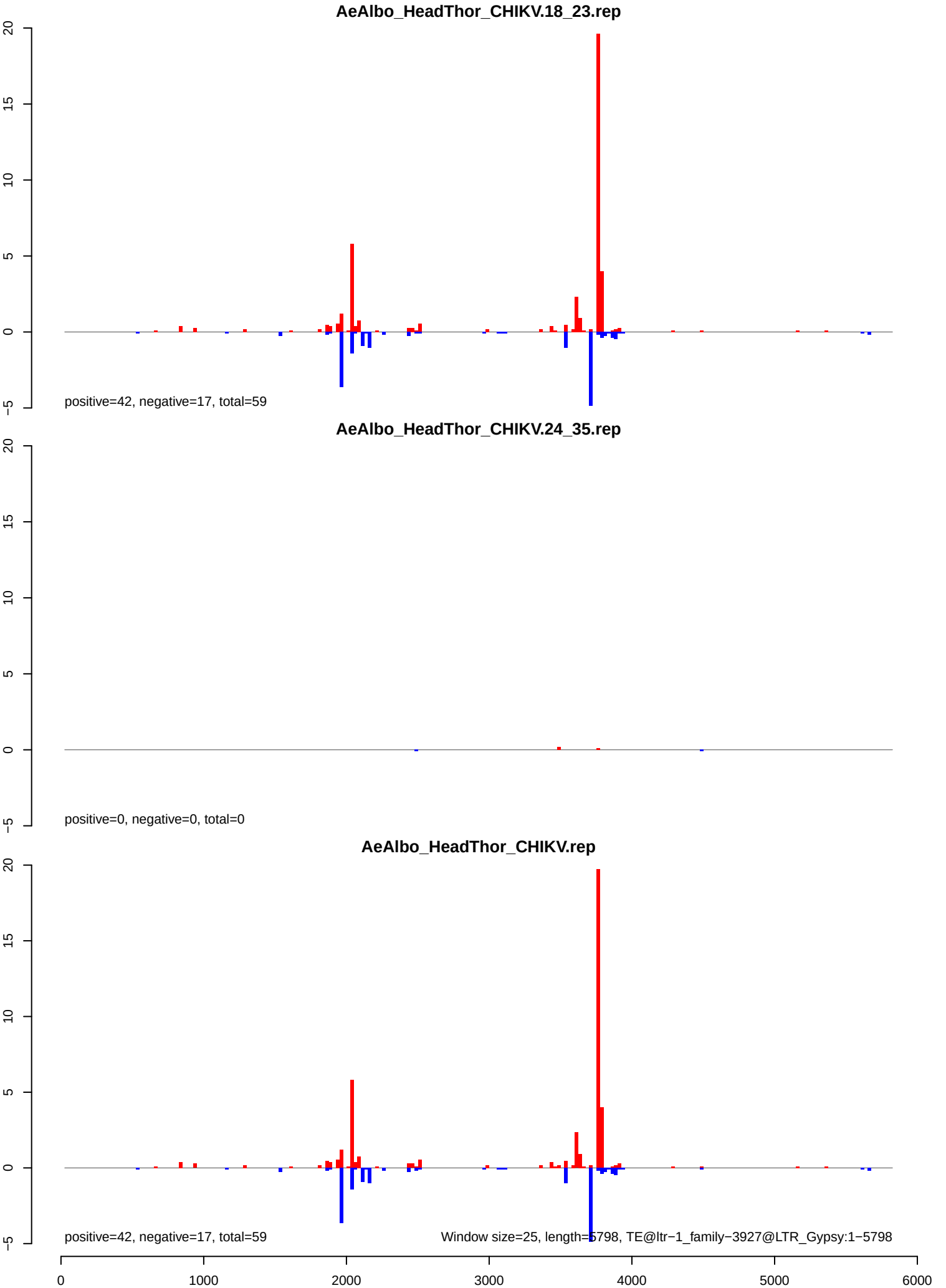

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=9, negative=21, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
−6
−8
positive=10, negative=23, total=33
Window size=25, length=7564, TE@ltr−1_family−5637@LTR_Pao:1−7564
0
2000
4000
6000

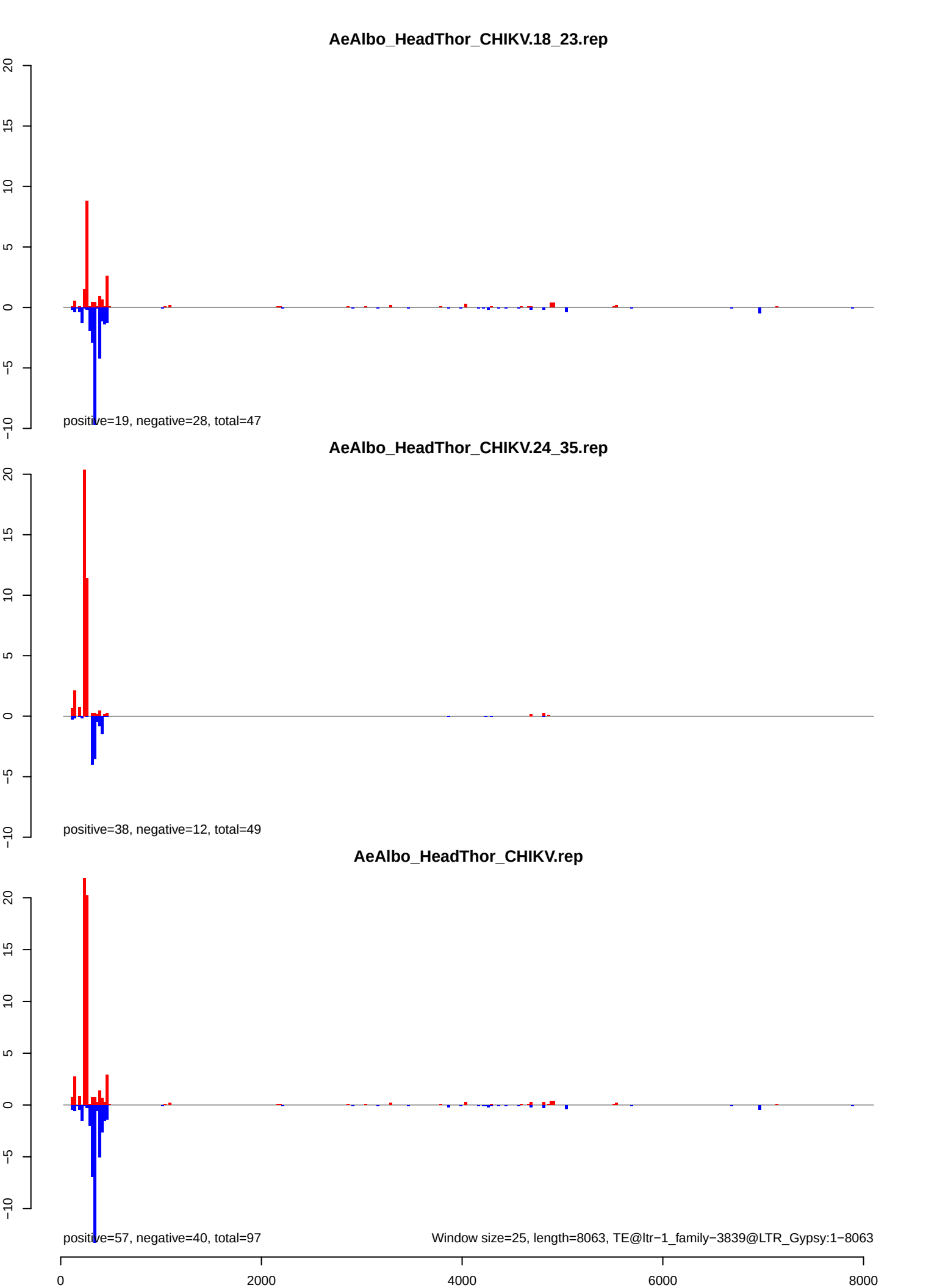

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=5, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=7, total=15
Window size=25, length=5719, TE@ltr−1_family−5474@LTR_Copia:1−5719
0
1000
2000
3000
4000
5000

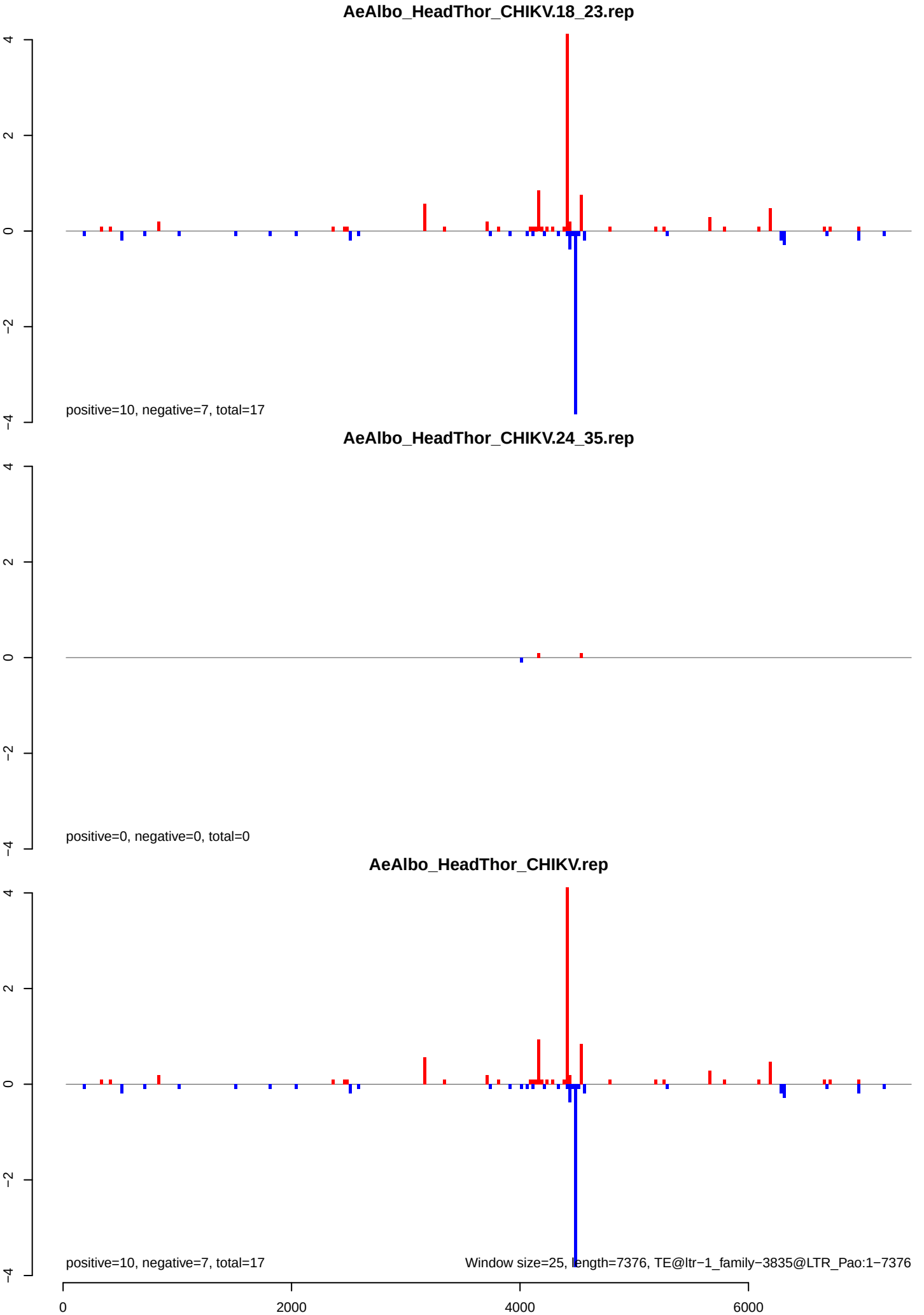

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=4, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=5, total=14
Window size=25, length=3182, TE@ltr−1_family−4828@Satellite:1−3182
0
500
1000
1500
2000
2500
3000

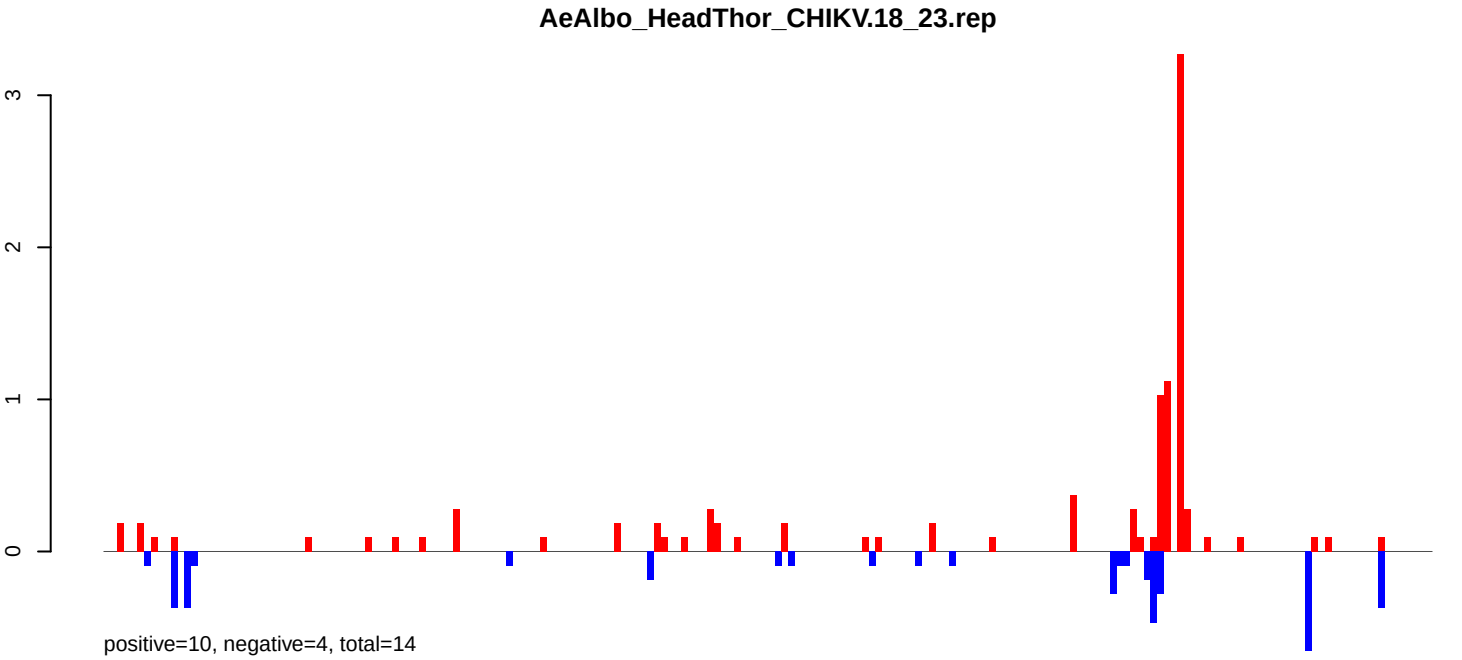

AeAlbo_HeadThor_CHIKV.18_23.rep
8
6
4
2
0
−2
positive=17, negative=10, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
8
6
4
2
0
−2
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.rep
8
6
4
2
0
−2
positive=20, negative=10, total=30
Window size=25, length=7310, TE@ltr−1_family−4703@LTR_Pao:1−7310
0
2000
4000
6000

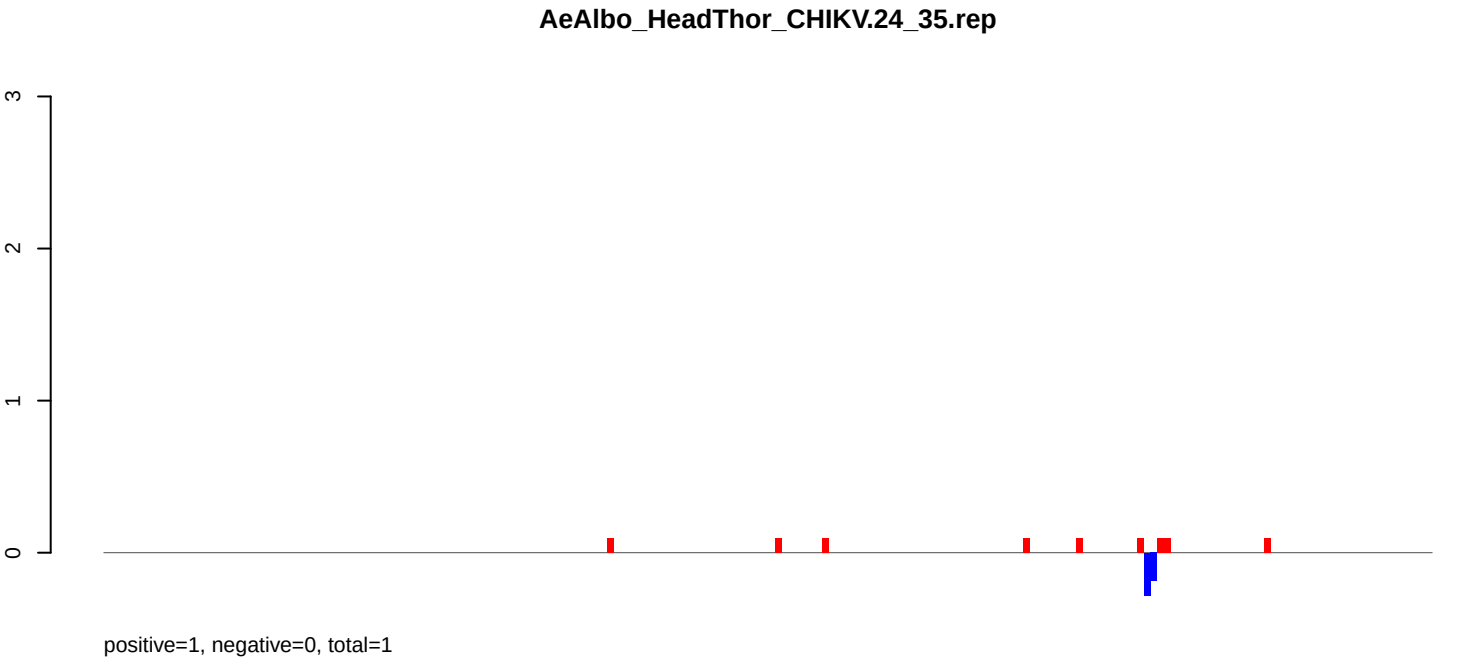

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=5, negative=73, total=78
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=8, negative=78, total=86
Window size=25, length=2931, TE@ltr−1_family−4061@LTR_Gypsy:1−2931
0
500
1000
1500
2000
2500
3000

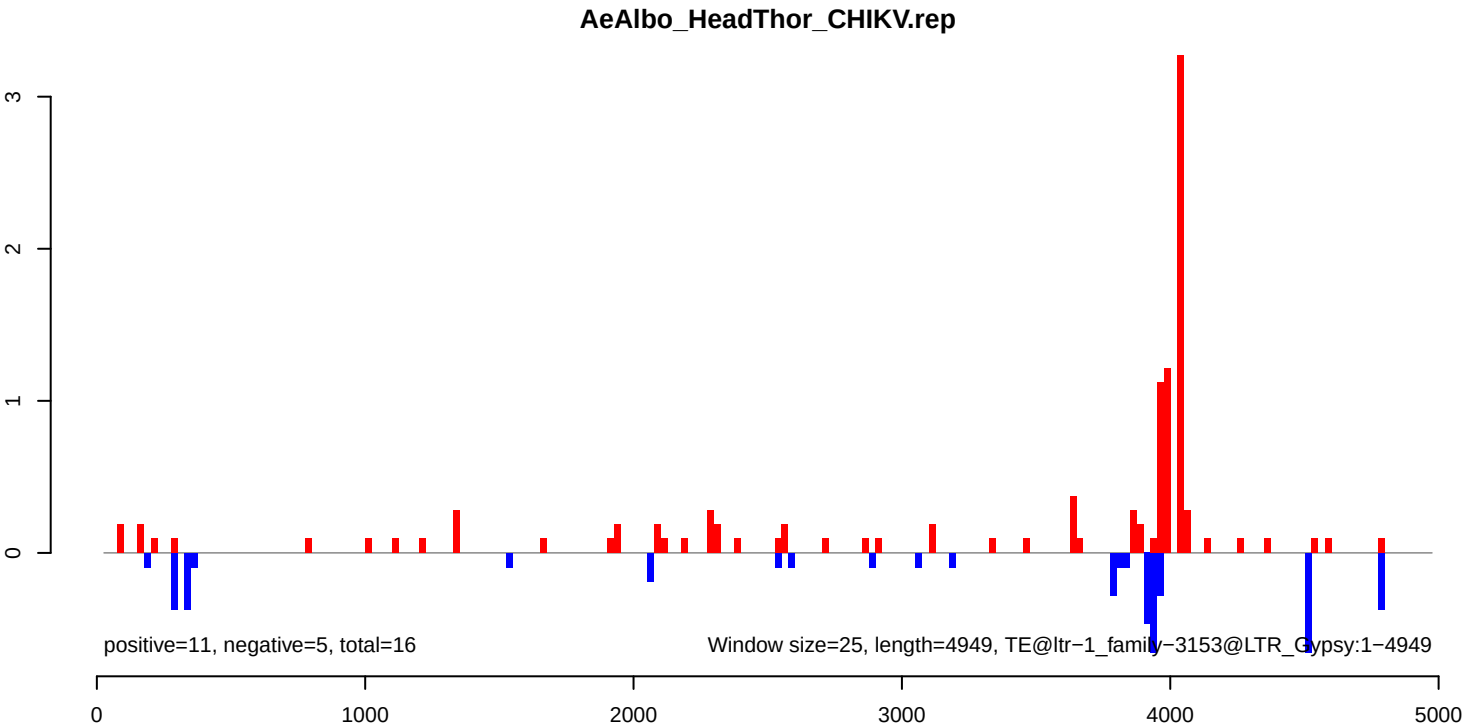

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=42, negative=17, total=59
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=42, negative=17, total=59
Window size=25, length=5798, TE@ltr−1_family−3927@LTR_Gypsy:1−5798
20
15
10
5
0
−5
0
1000
2000
3000
4000
5000
6000

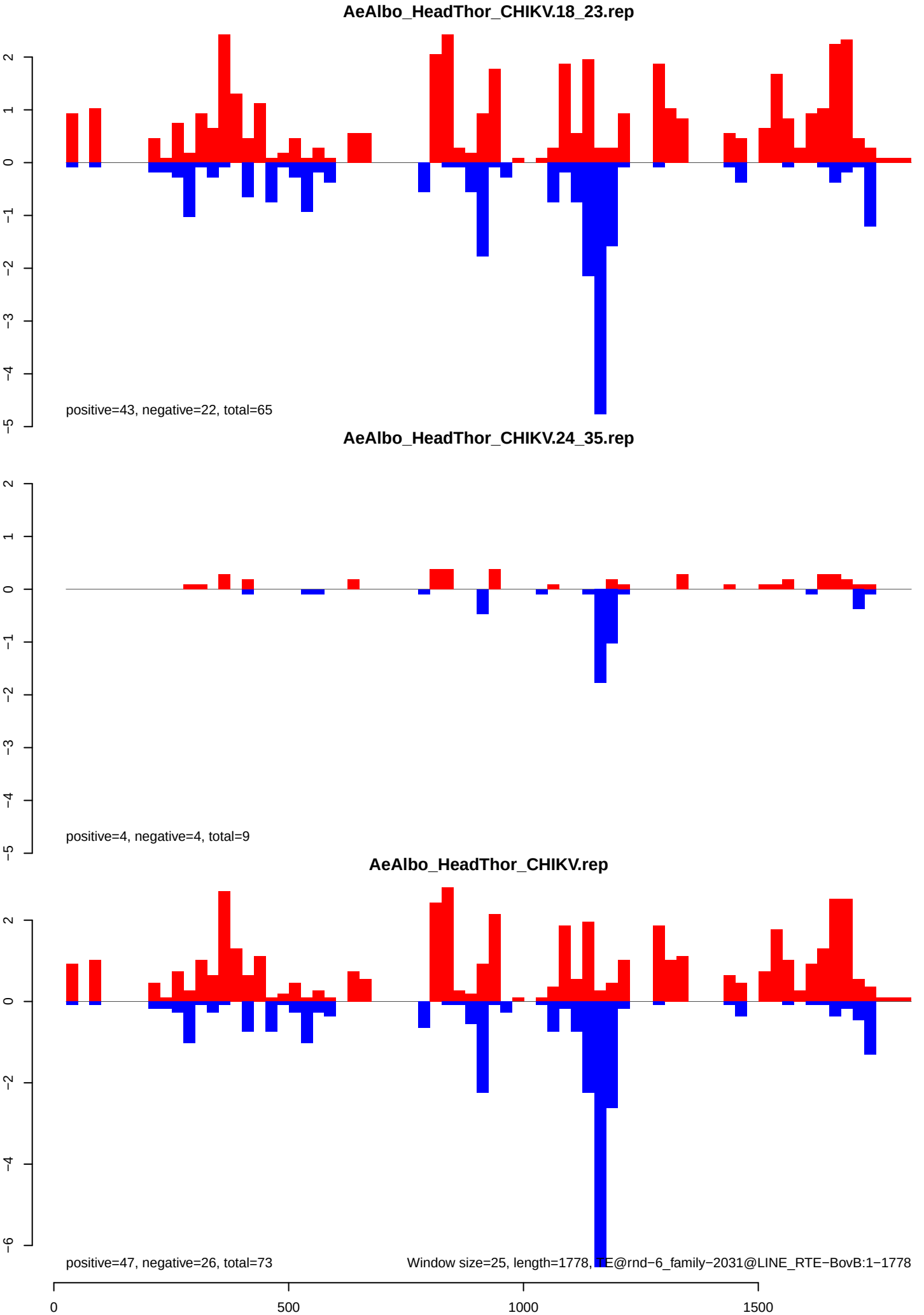

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=19, negative=28, total=47
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=38, negative=12, total=49
AeAlbo_HeadThor_CHIKV.rep
positive=57, negative=40, total=97
Window size=25, length=8063, TE@ltr−1_family−3839@LTR_Gypsy:1−8063
20
15
10
5
0
−5
−10
0
2000
4000
6000
8000

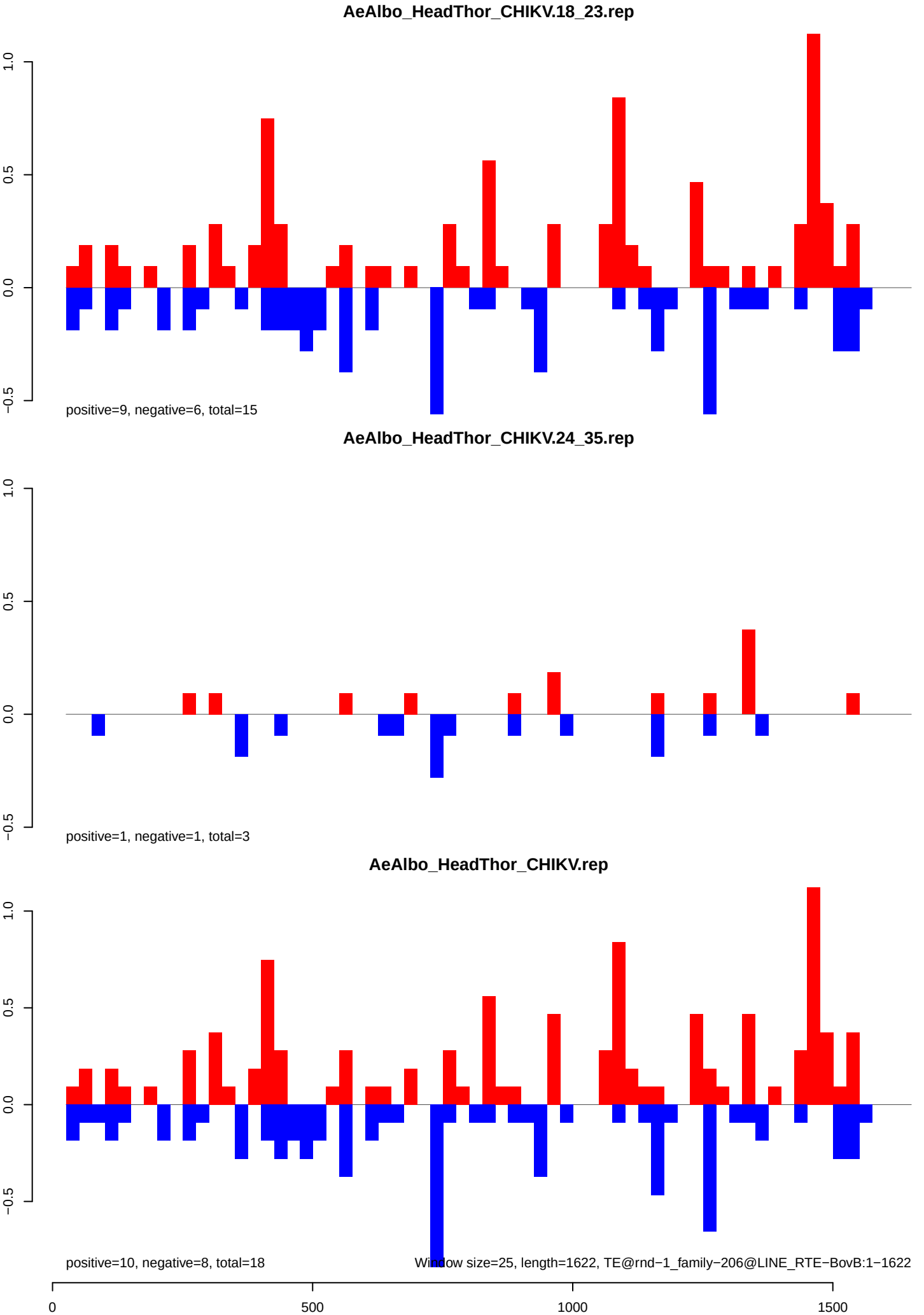

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=7, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=7, total=17
Window size=25, length=7376, TE@ltr−1_family−3835@LTR_Pao:1−7376
4
2
0
−2
−4
0
2000
4000
6000

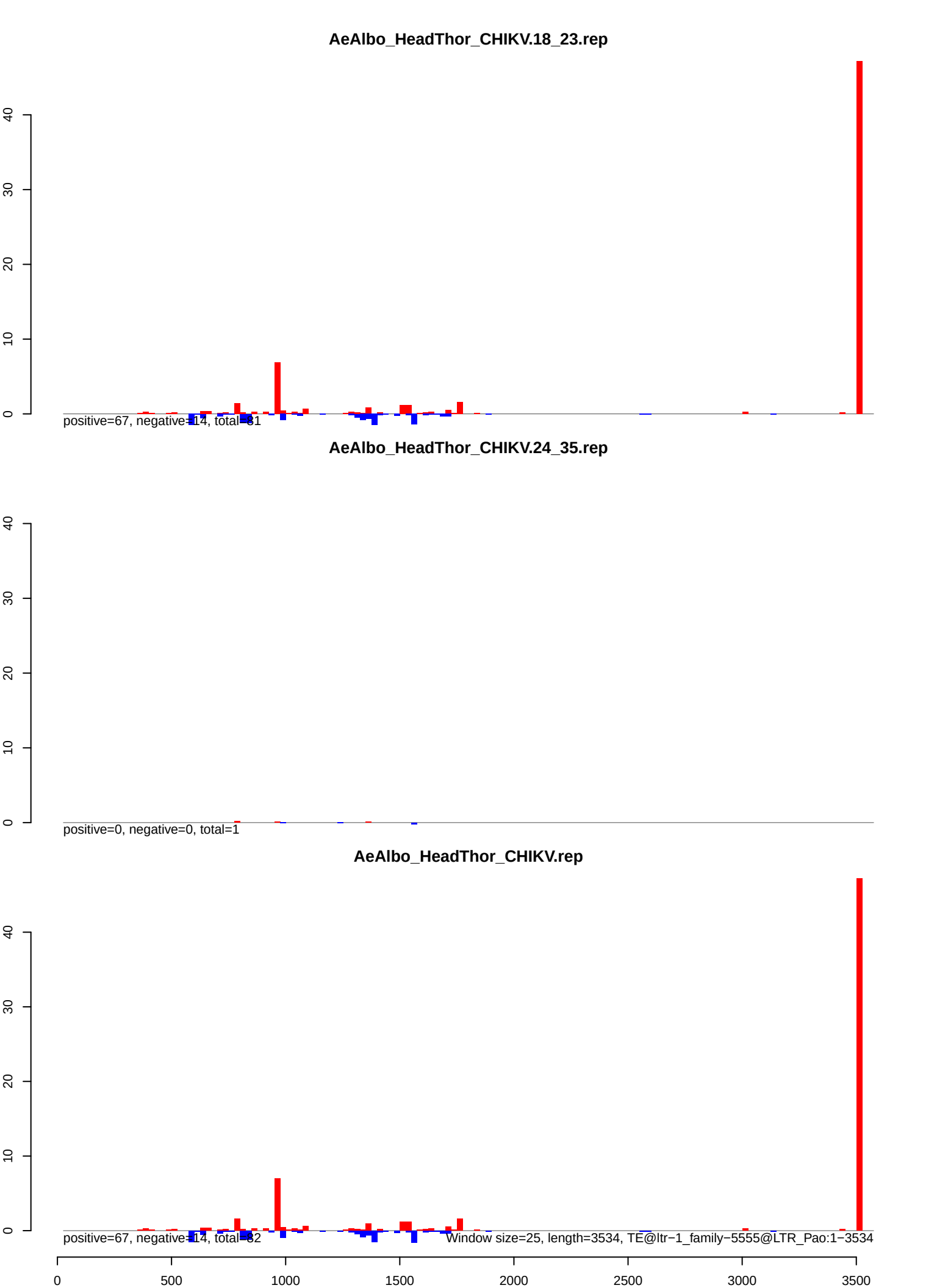

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
positive=10, negative=4, total=14

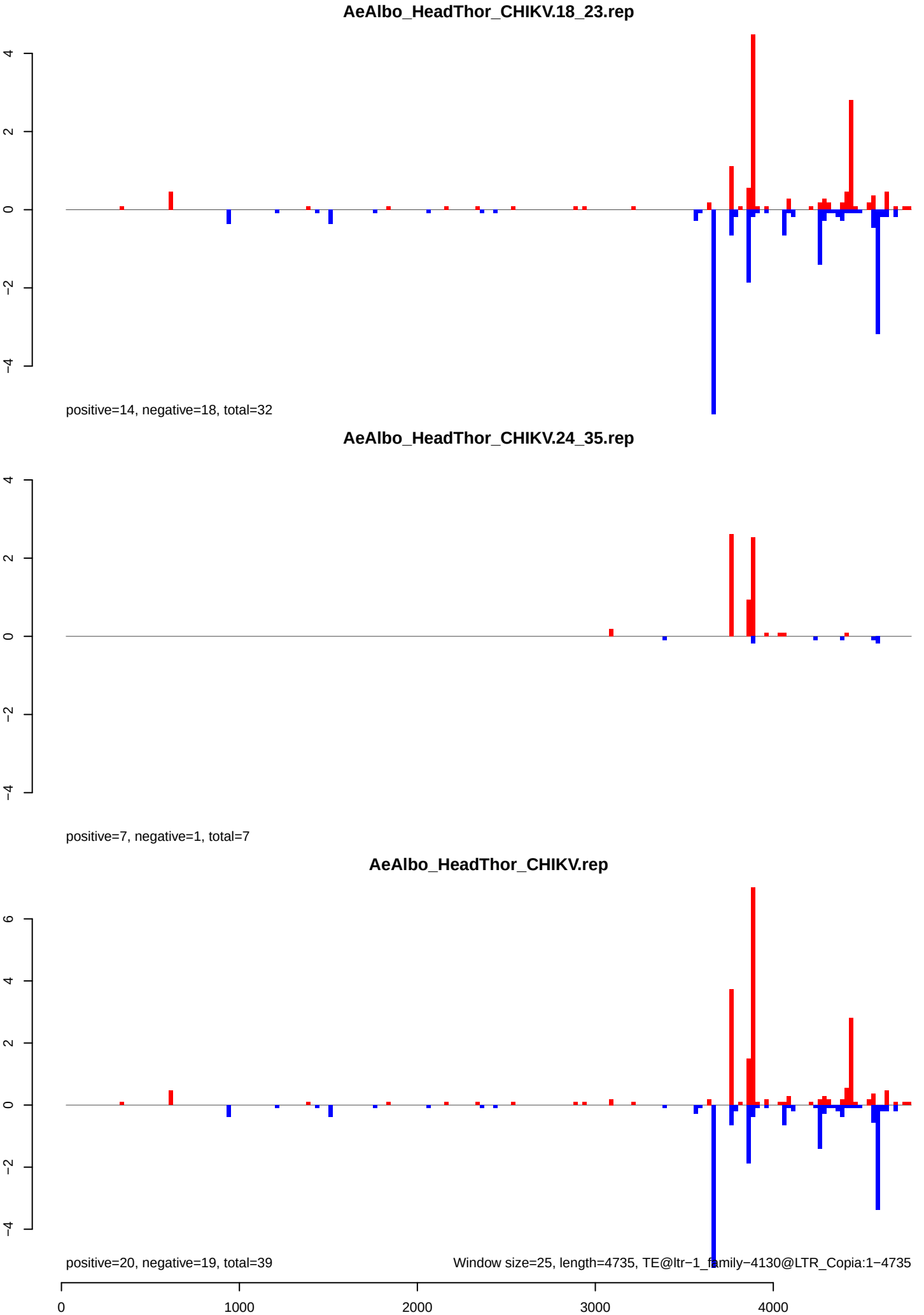

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
positive=1, negative=0, total=1

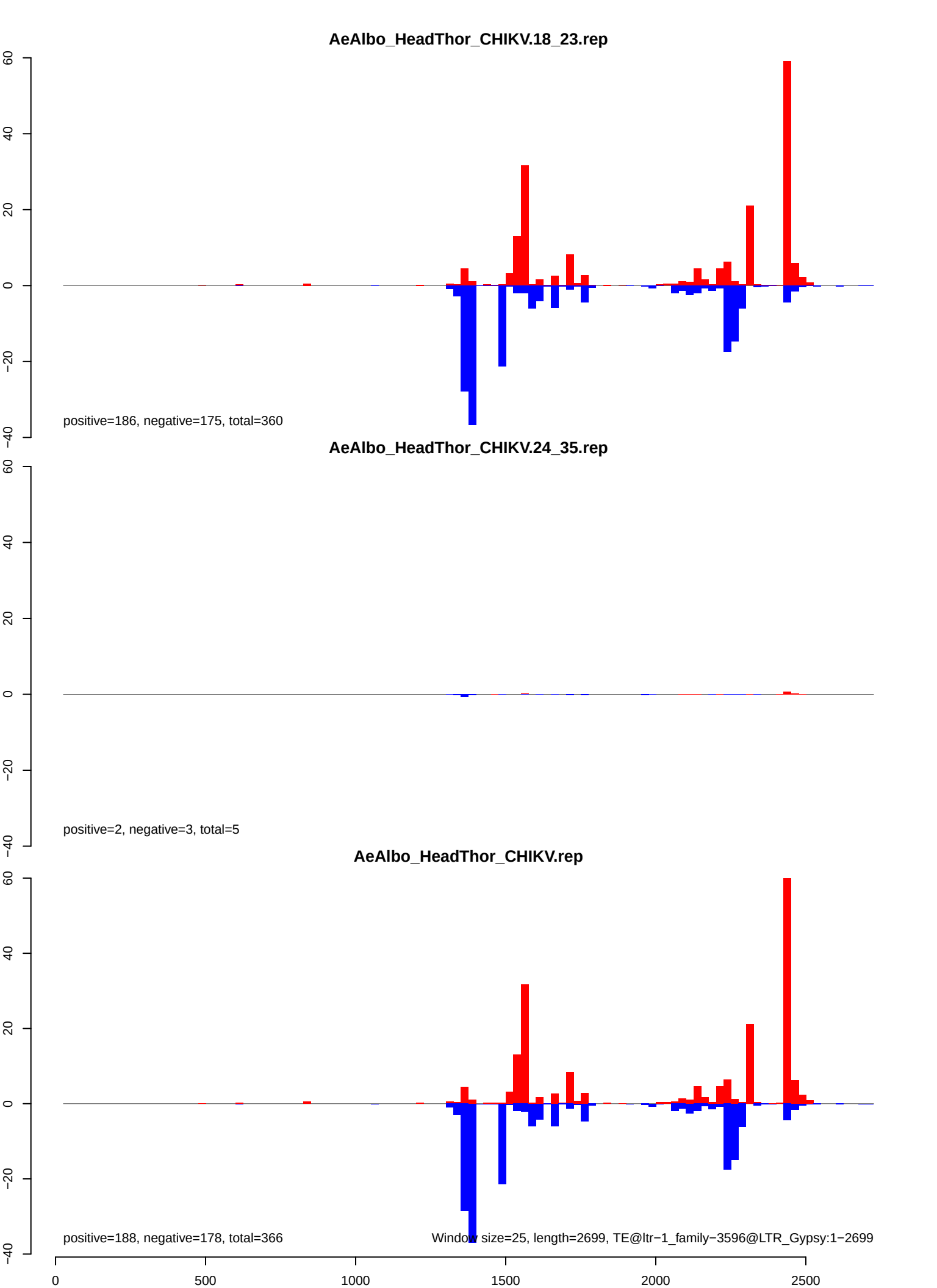

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
positive=11, negative=5, total=16
Window size=25, length=4949, TE@ltr−1_family−3153@LTR_Gypsy:1−4949
0
1000
2000
3000
4000
5000

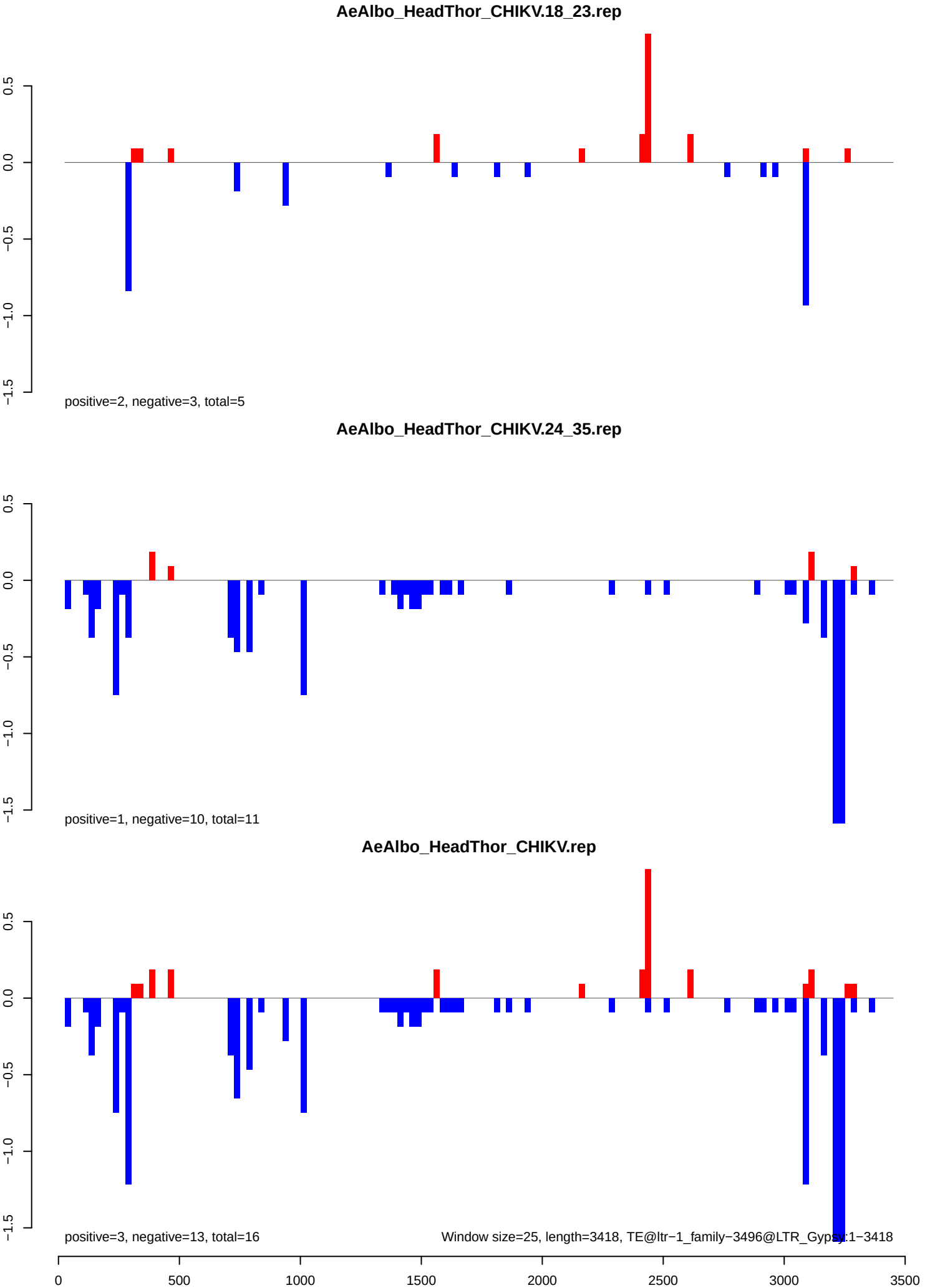

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=43, negative=22, total=65
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=4, total=9
AeAlbo_HeadThor_CHIKV.rep
positive=47, negative=26, total=73
Window size=25, length=1778, TE@rnd−6_family−2031@LINE_RTE−BovB:1−1778
0
500
1000
1500

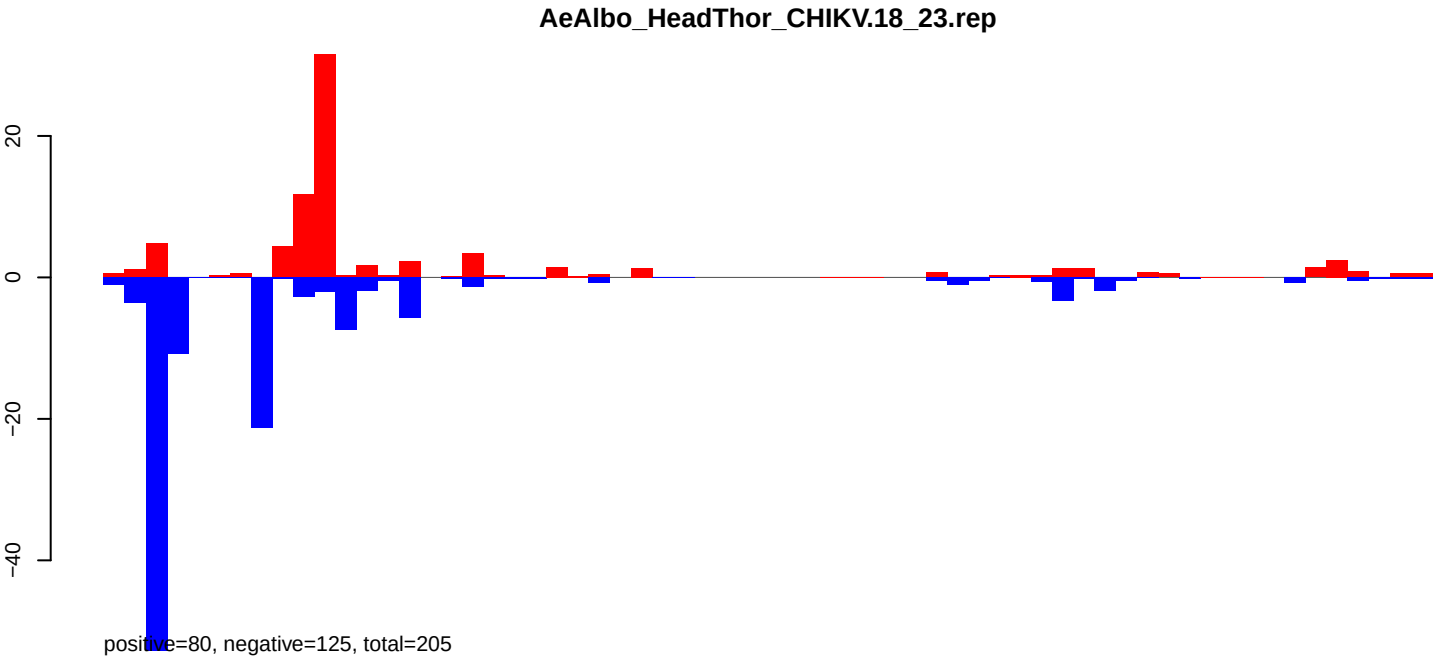

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=9, negative=6, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=10, negative=8, total=18
Window size=25, length=1622, TE@rnd−1_family−206@LINE_RTE−BovB:1−1622
0
500
1000
1500

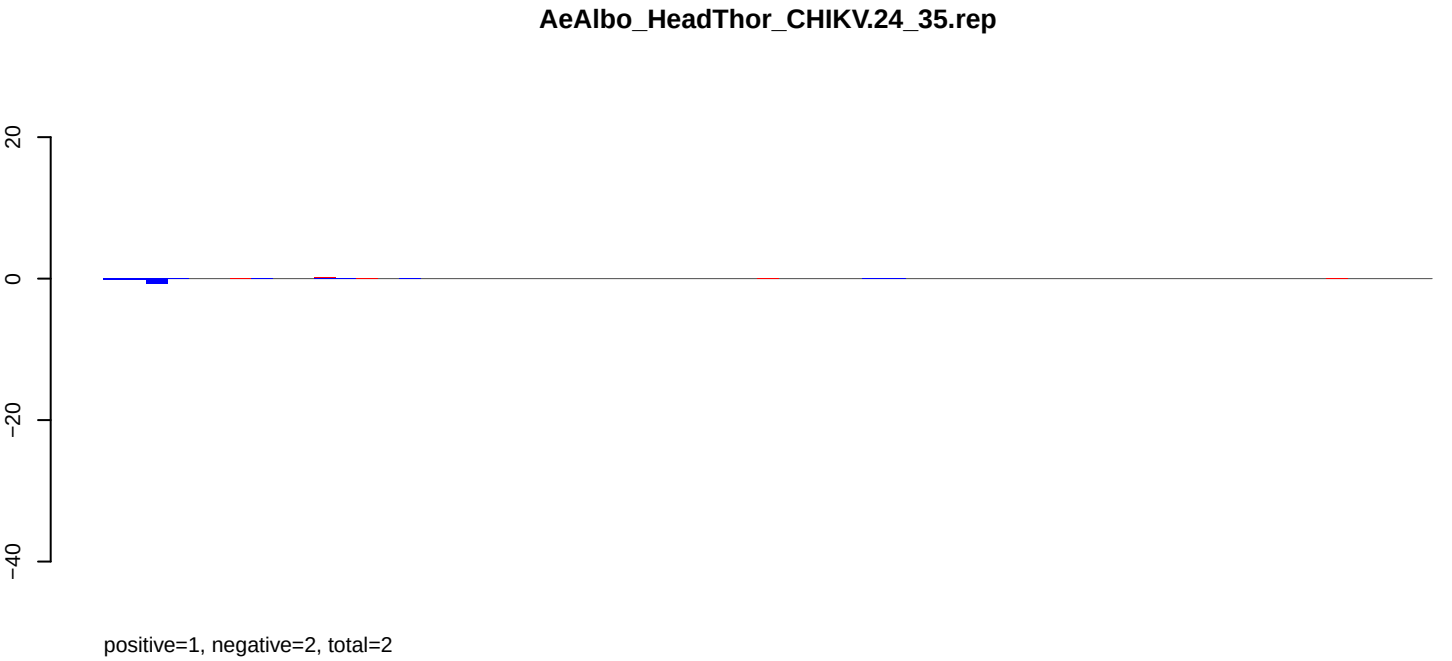

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=67, negative=14, total=81
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=67, negative=14, total=82
Window size=25, length=3534, TE@ltr−1_family−5555@LTR_Pao:1−3534
0
10
20
30
40
0
500
1000
1500
2000
2500
3000
3500

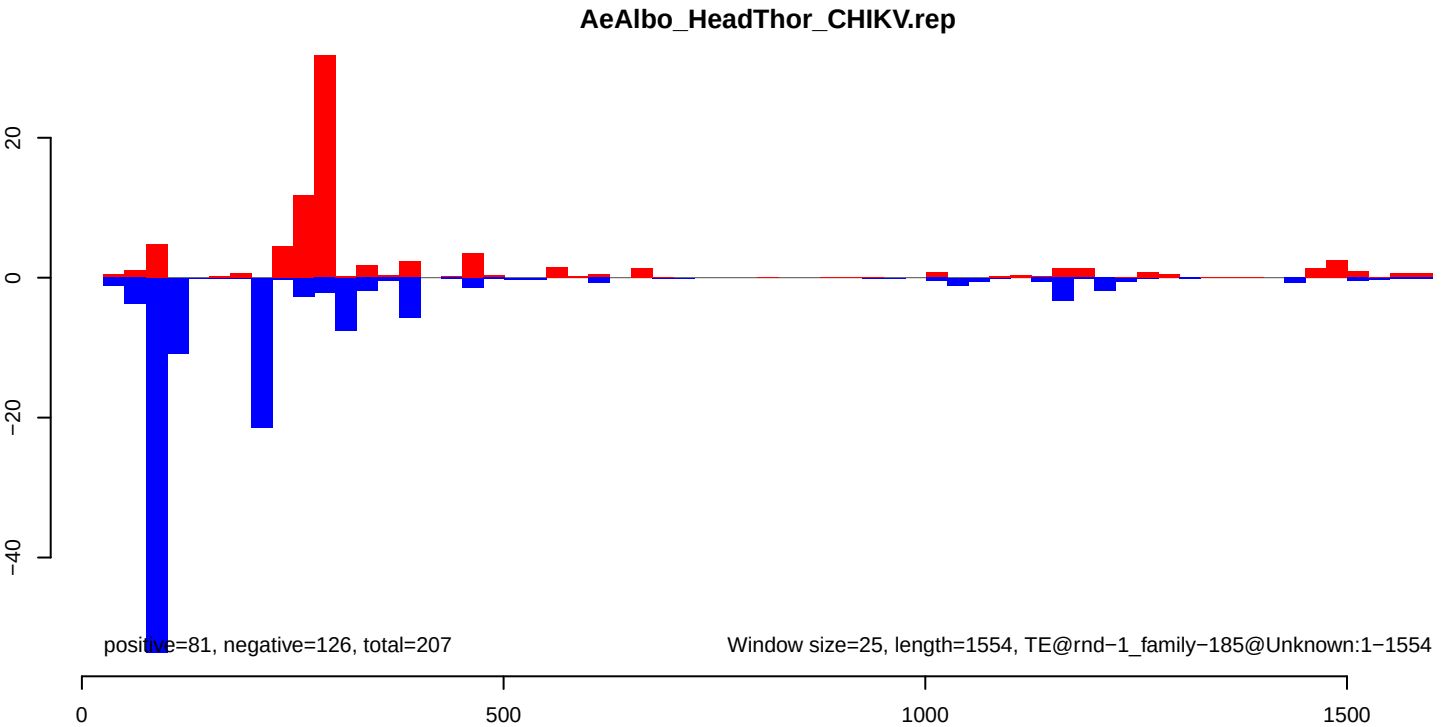

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=18, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=7, negative=1, total=7
AeAlbo_HeadThor_CHIKV.rep
positive=20, negative=19, total=39
Window size=25, length=4735, TE@ltr−1_family−4130@LTR_Copia:1−4735
0
1000
2000
3000
4000

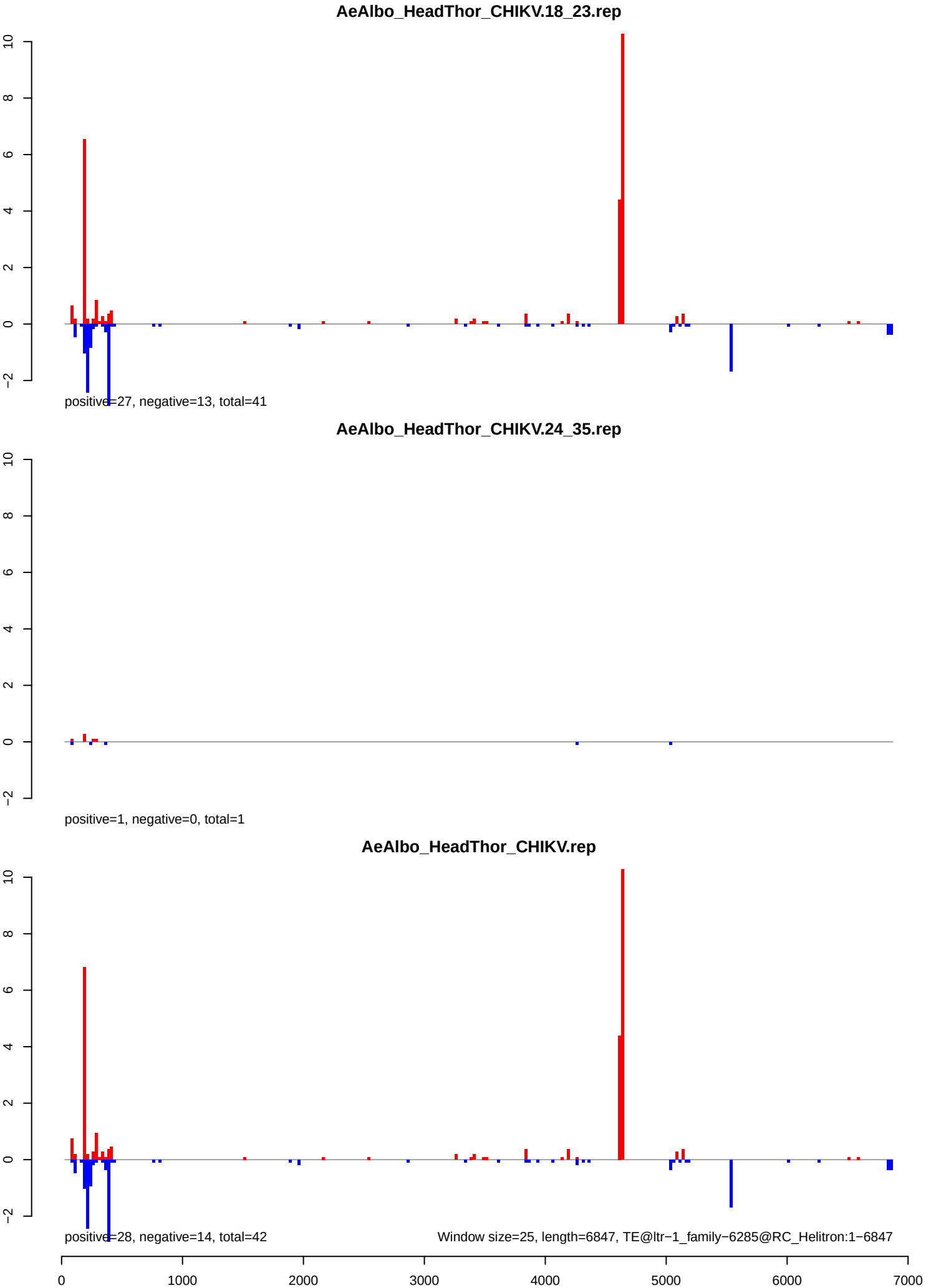

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=186, negative=175, total=360
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=188, negative=178, total=366
Window size=25, length=2699, TE@ltr−1_family−3596@LTR_Gypsy:1−2699
60
40
20
0
−20
−40
0
500
1000
1500
2000
2500

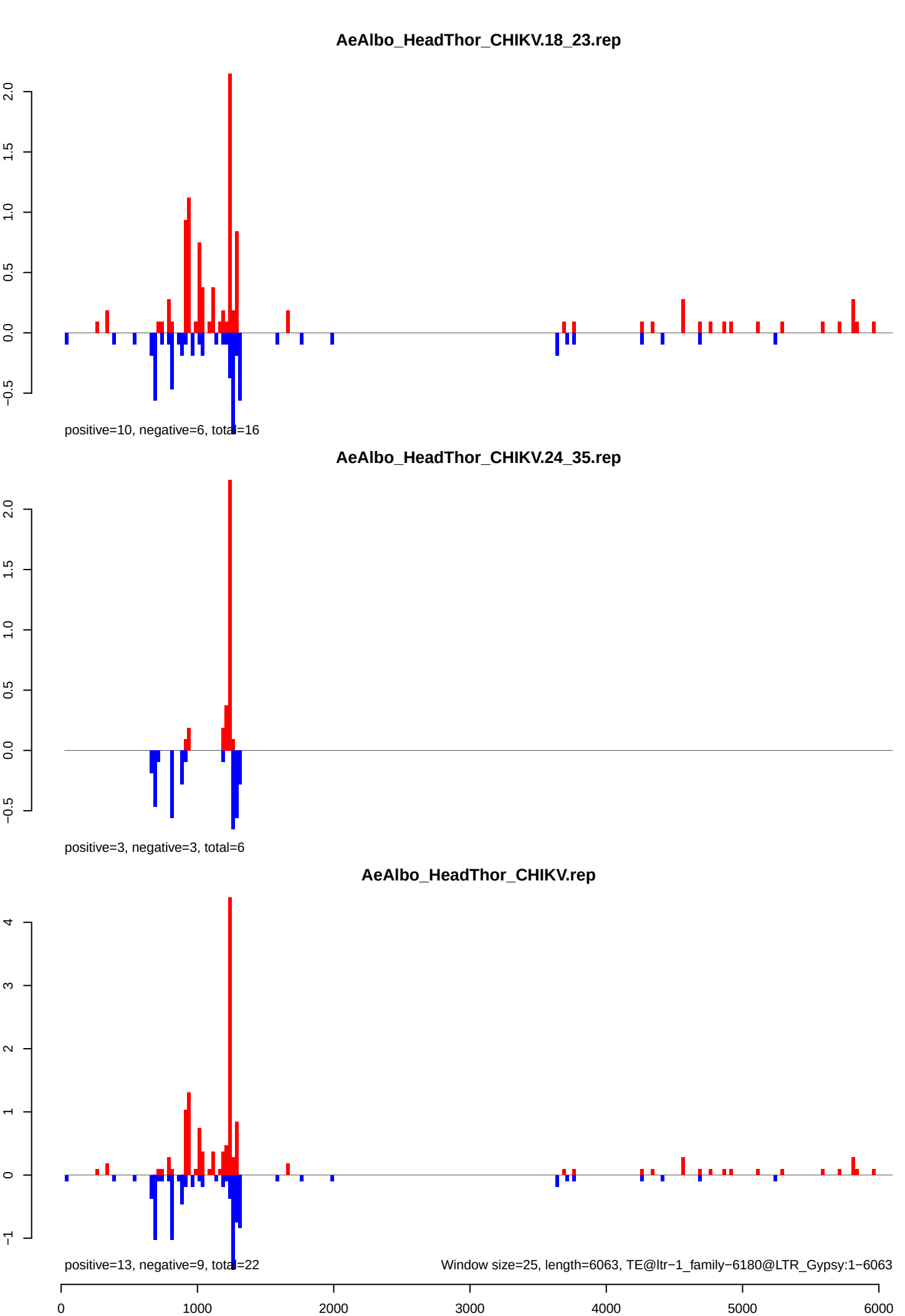

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=10, total=11
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=13, total=16
Window size=25, length=3418, TE@ltr−1_family−3496@LTR_Gypsy:1−3418
0
500
1000
1500
2000
2500
3000
3500

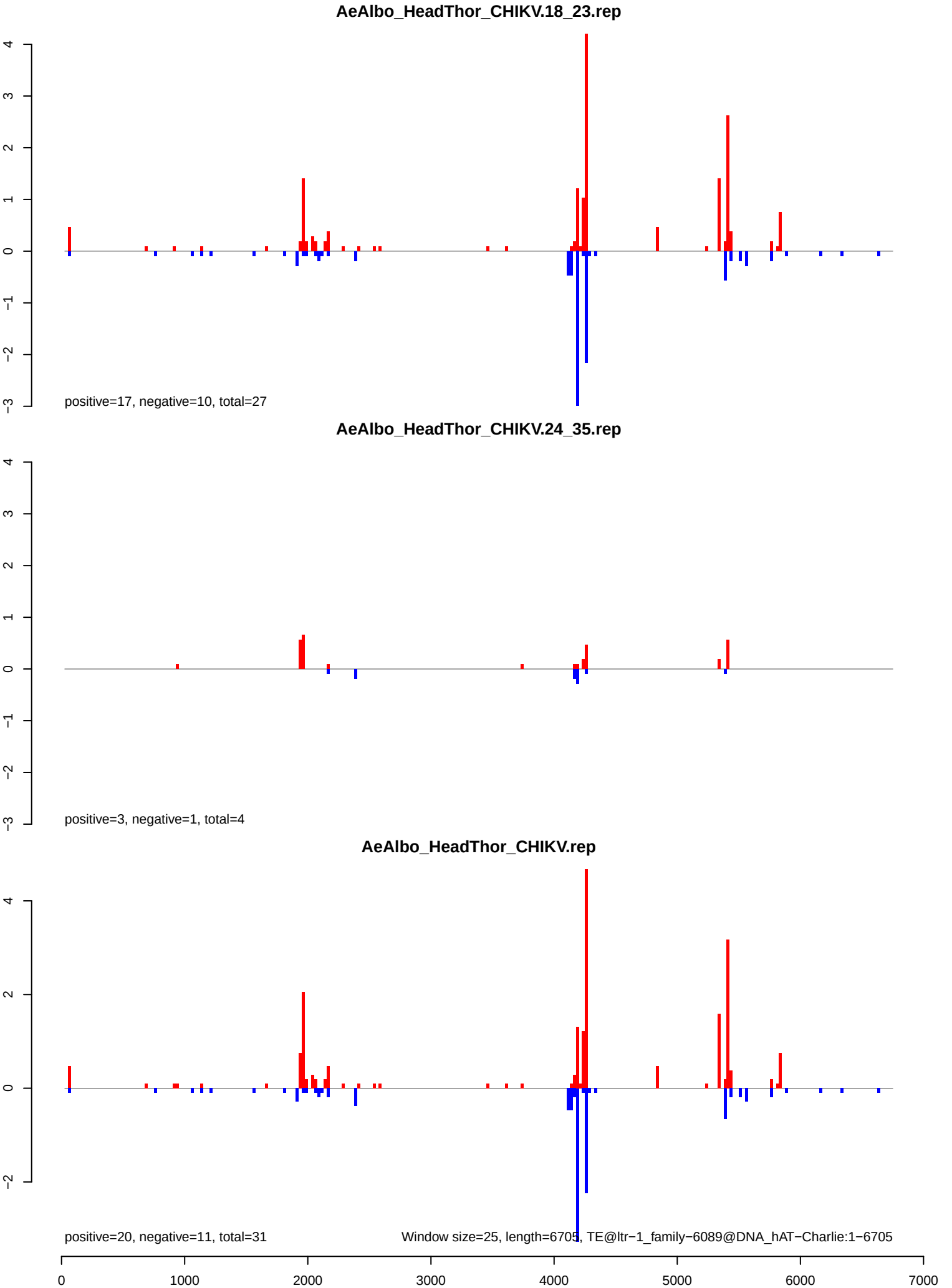

AeAlbo_HeadThor_CHIKV.18_23.rep
20
0
−20
−40
positive=80, negative=125, total=205

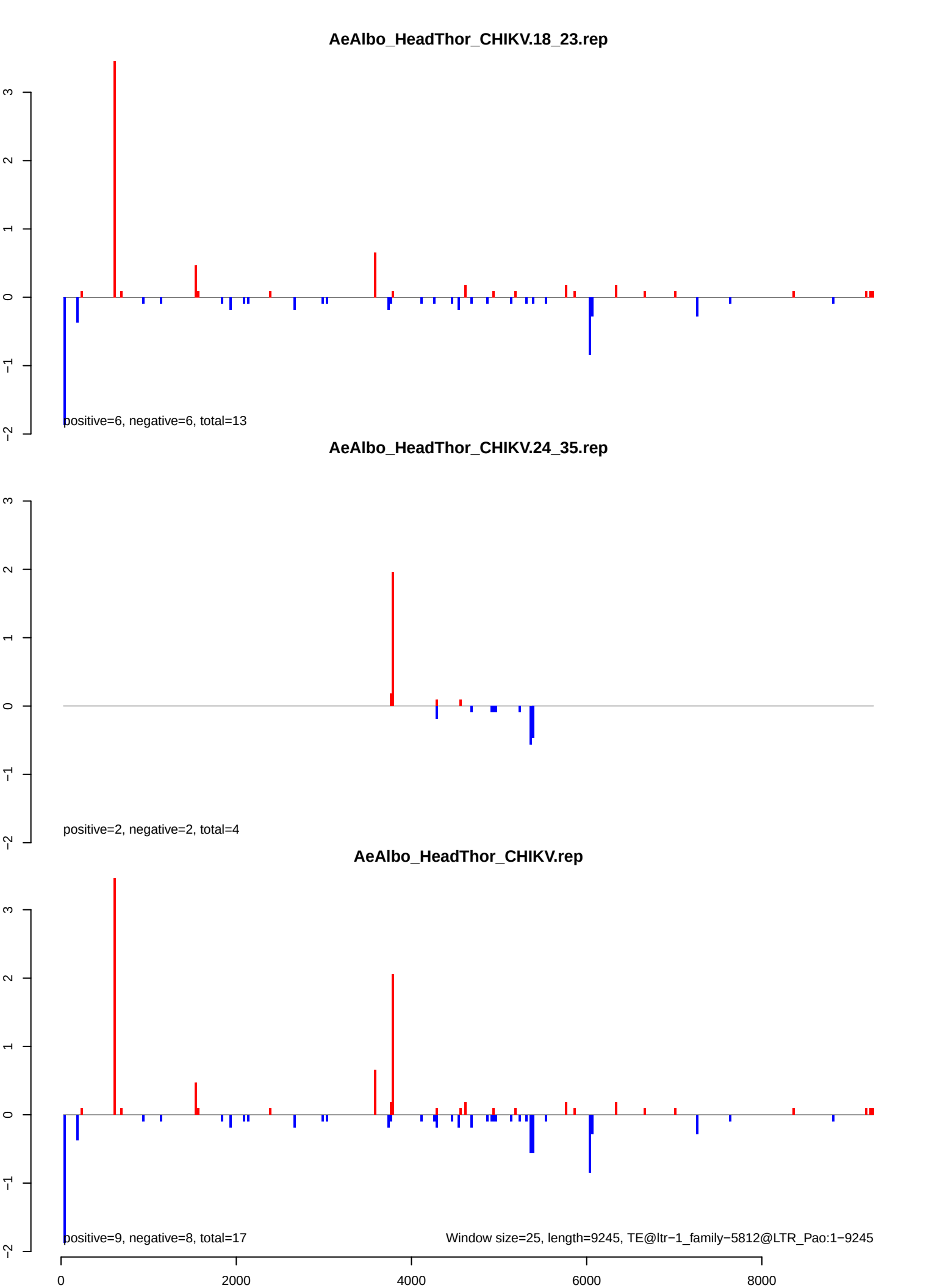

AeAlbo_HeadThor_CHIKV.24_35.rep
20
0
−20
−40
positive=1, negative=2, total=2

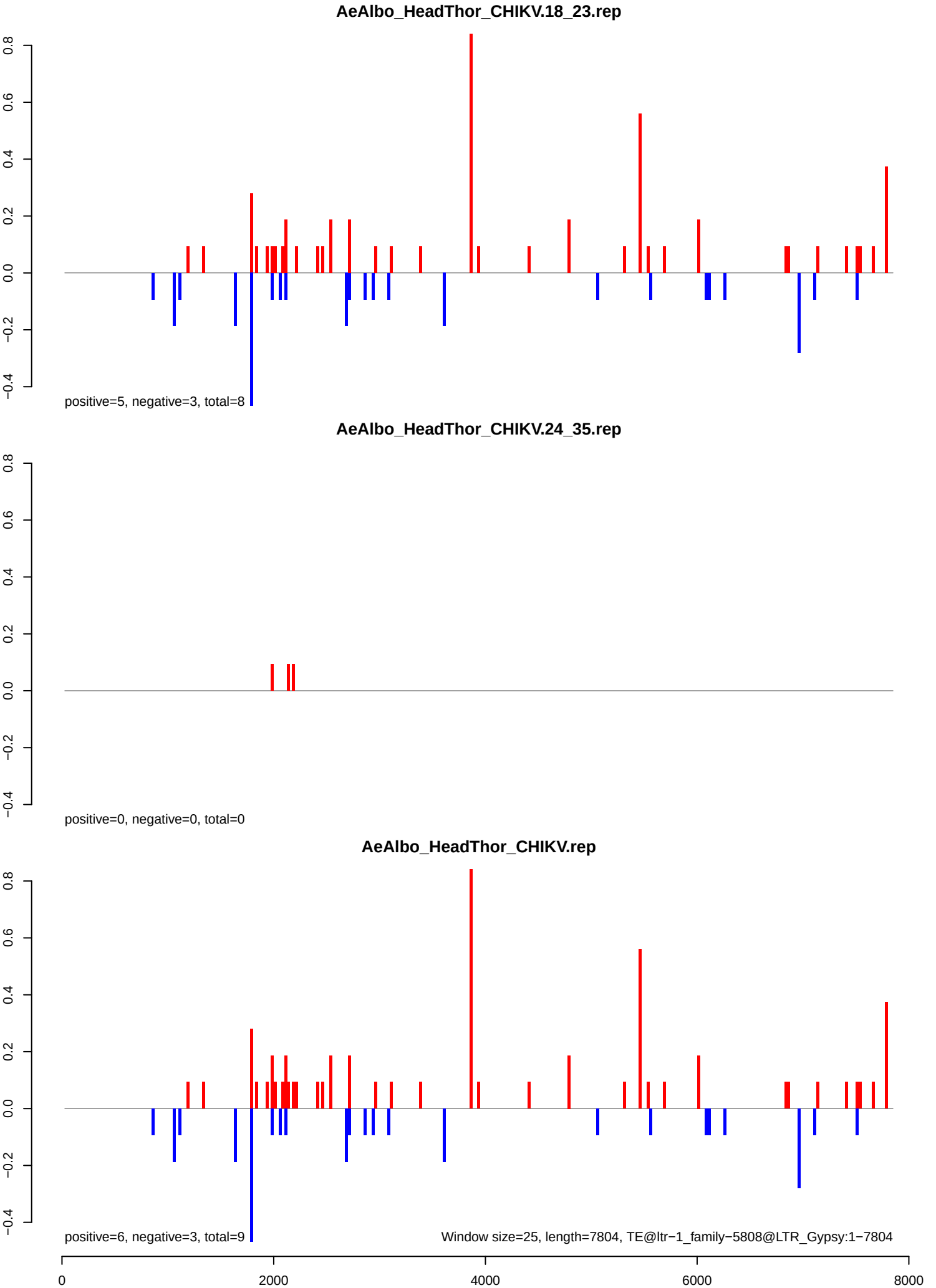

AeAlbo_HeadThor_CHIKV.rep
20
0
−20
−40
positive=81, negative=126, total=207
Window size=25, length=1554, TE@rnd−1_family−185@Unknown:1−1554
0
500
1000
1500

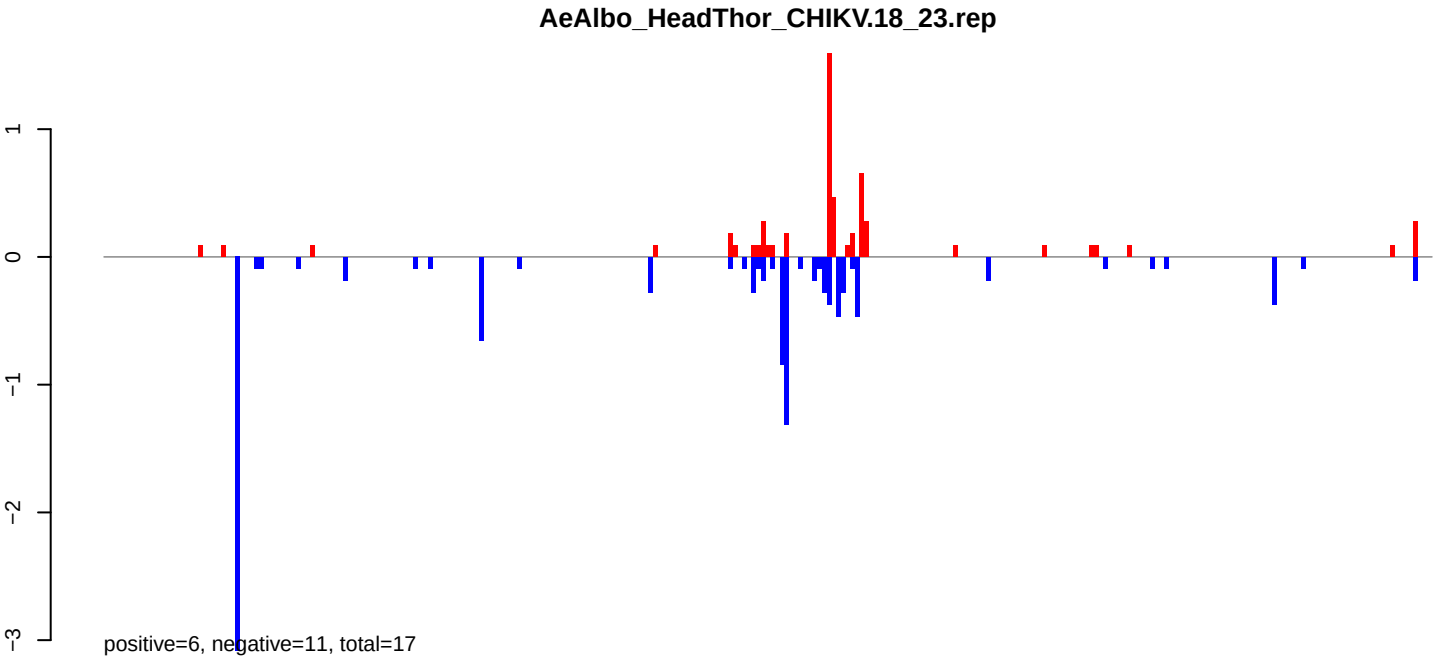

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=27, negative=13, total=41
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=28, negative=14, total=42
Window size=25, length=6847, TE@ltr−1_family−6285@RC_Helitron:1−6847
0
1000
2000
3000
4000
5000
6000
7000

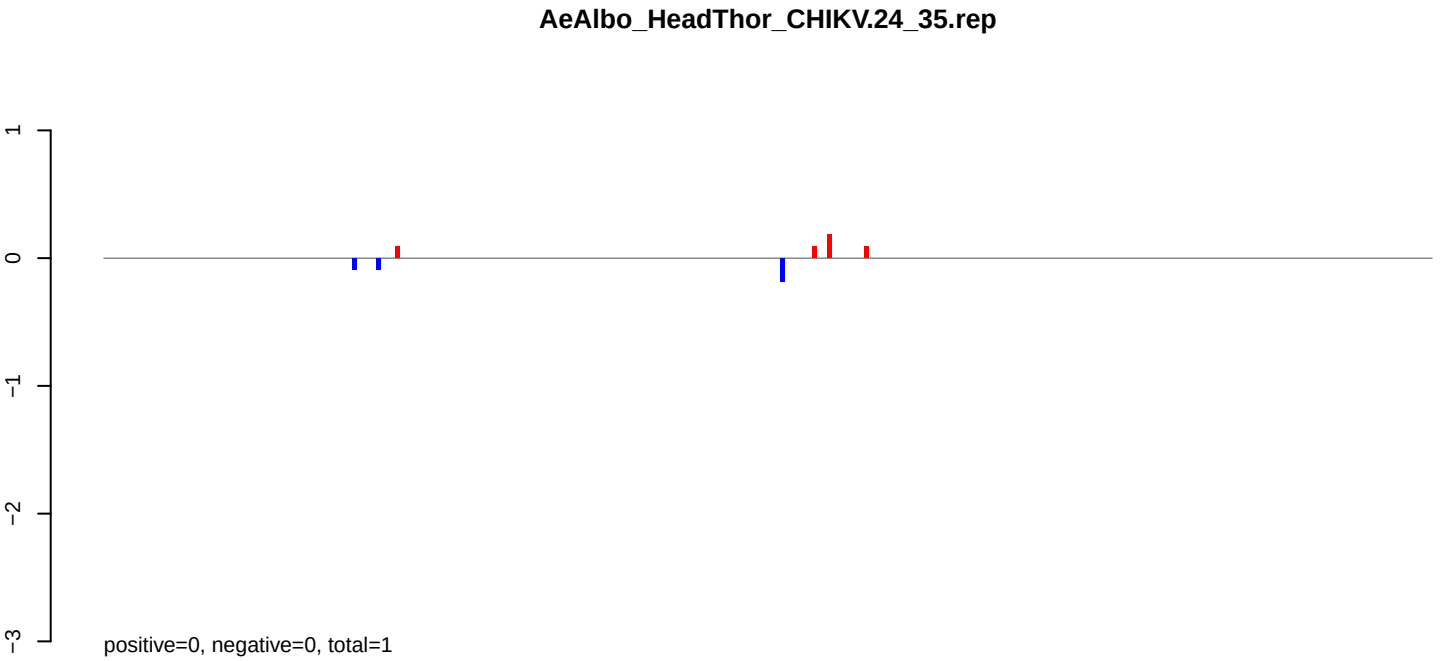

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=6, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=9, total=22
Window size=25, length=6063, TE@ltr−1_family−6180@LTR_Gypsy:1−6063
0
1000
2000
3000
4000
5000
6000

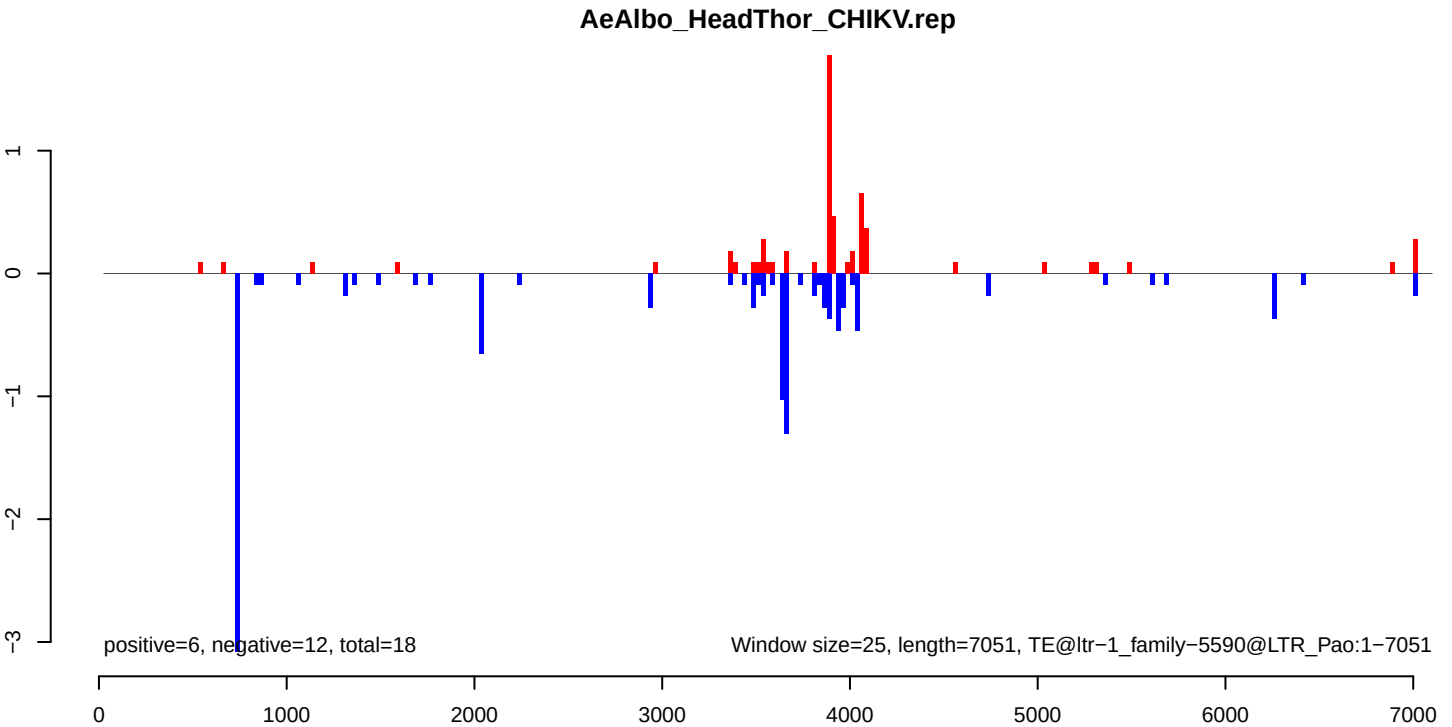

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=17, negative=10, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=20, negative=11, total=31
Window size=25, length=6705, TE@ltr−1_family−6089@DNA_hAT−Charlie:1−6705
0
1000
2000
3000
4000
5000
6000
7000

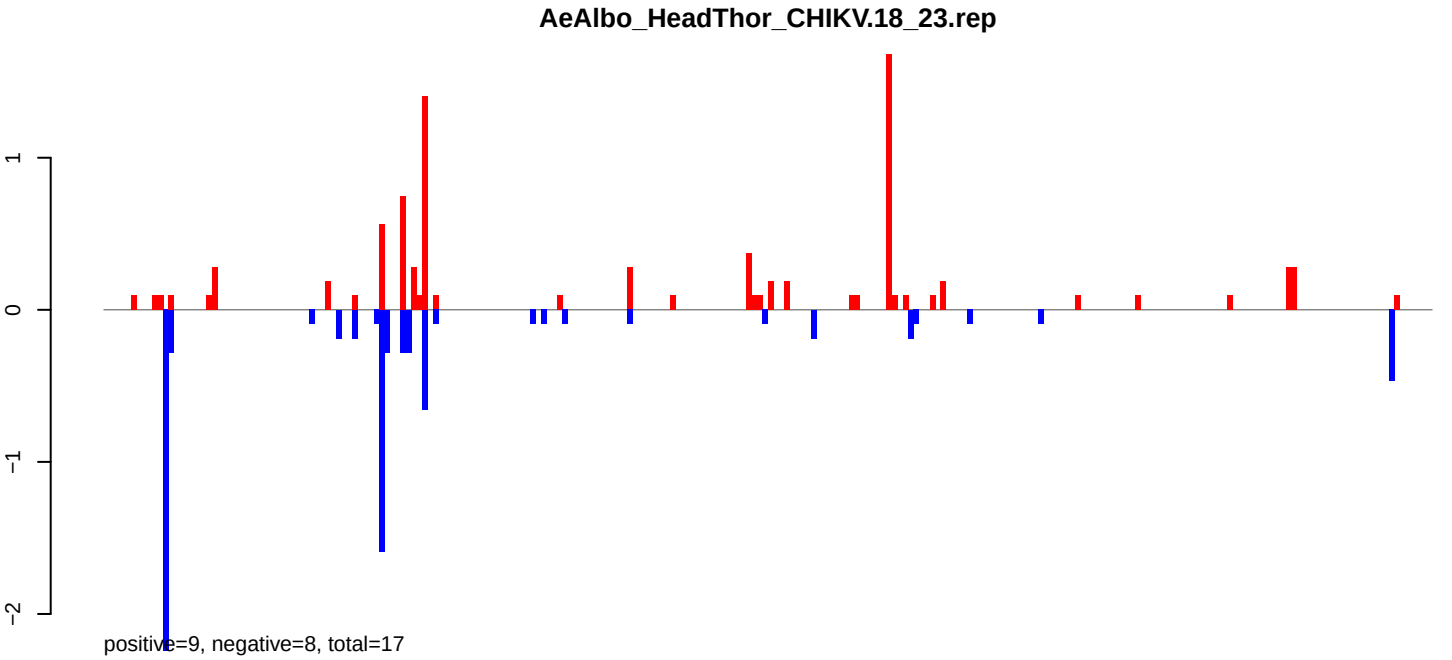

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=6, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=8, total=17
Window size=25, length=9245, TE@ltr−1_family−5812@LTR_Pao:1−9245
0
2000
4000
6000
8000

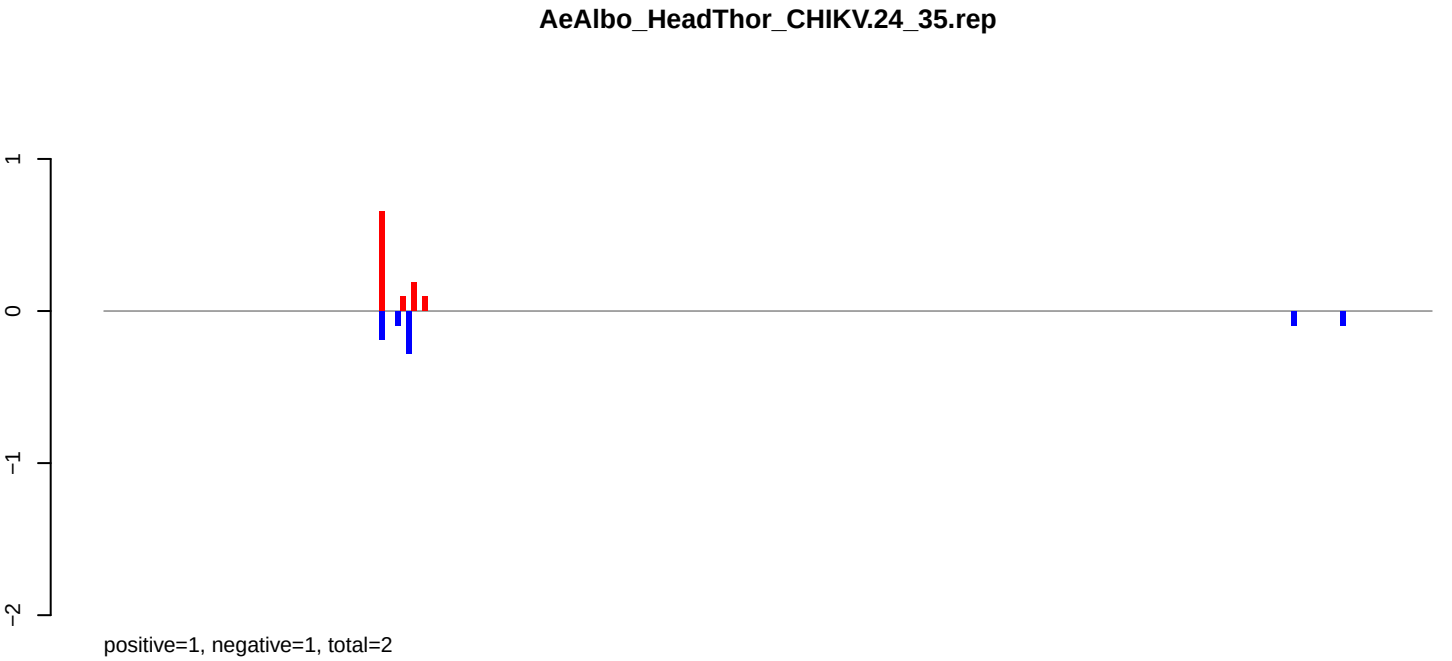

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=5, negative=3, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=6, negative=3, total=9
Window size=25, length=7804, TE@ltr−1_family−5808@LTR_Gypsy:1−7804
0
2000
4000
6000
8000

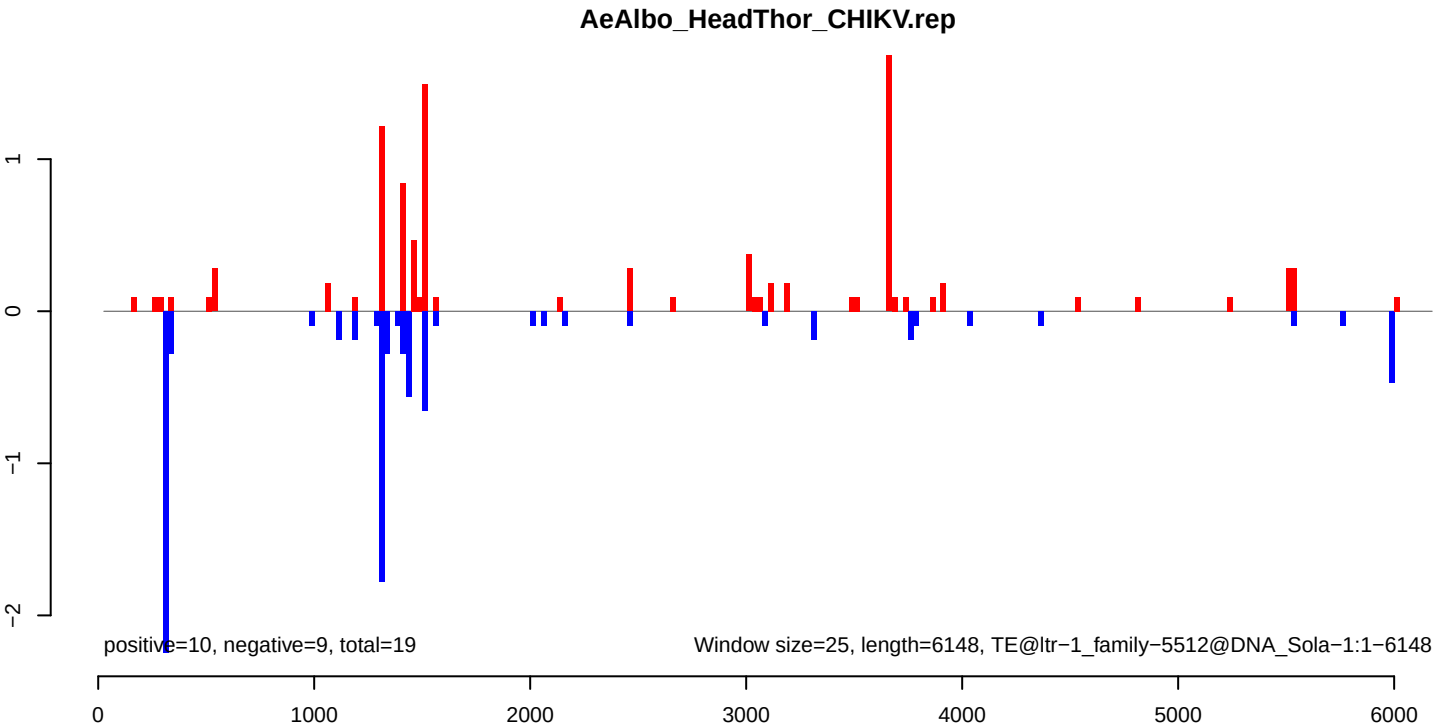

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
positive=6, negative=11, total=17

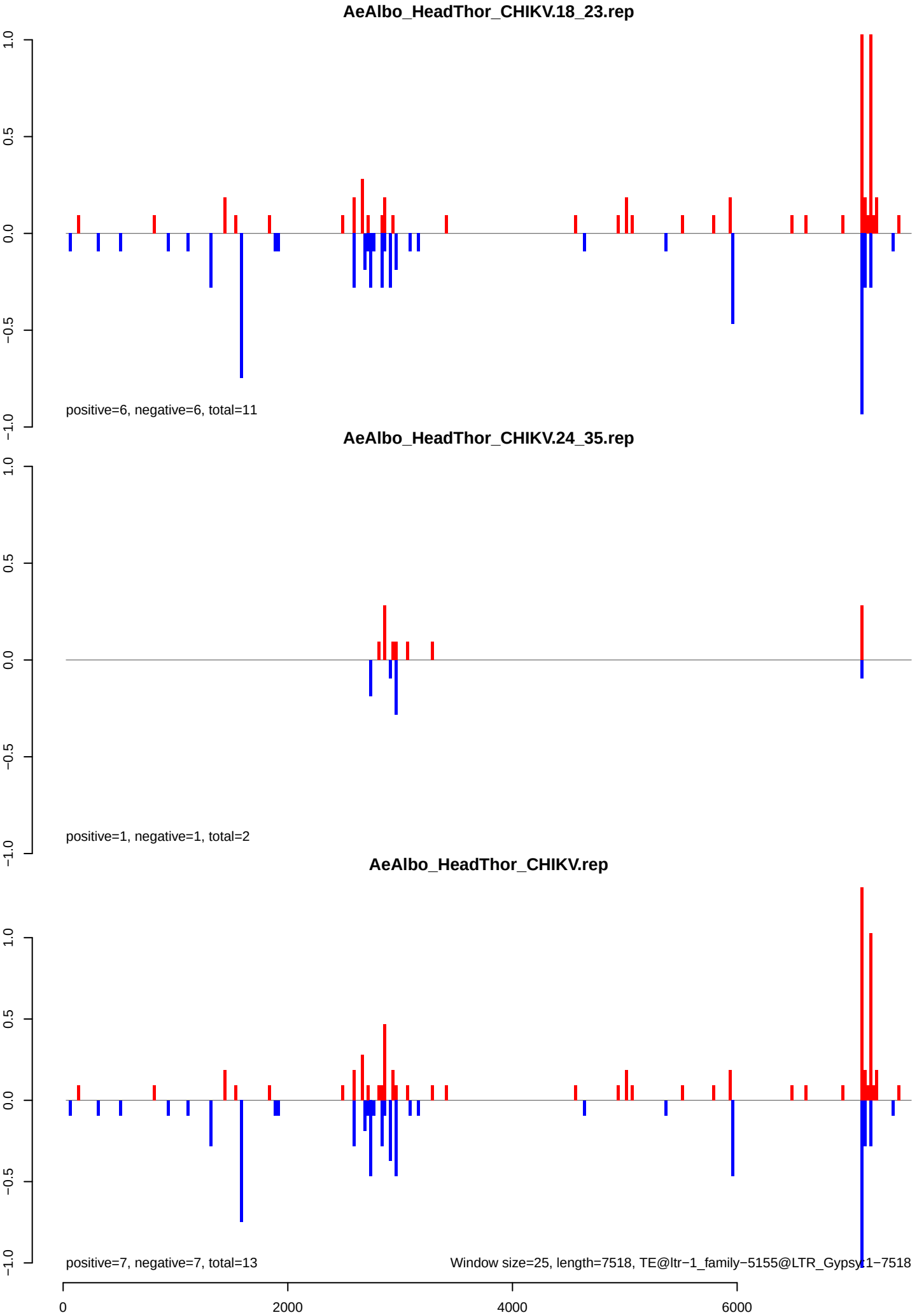

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
positive=0, negative=0, total=1

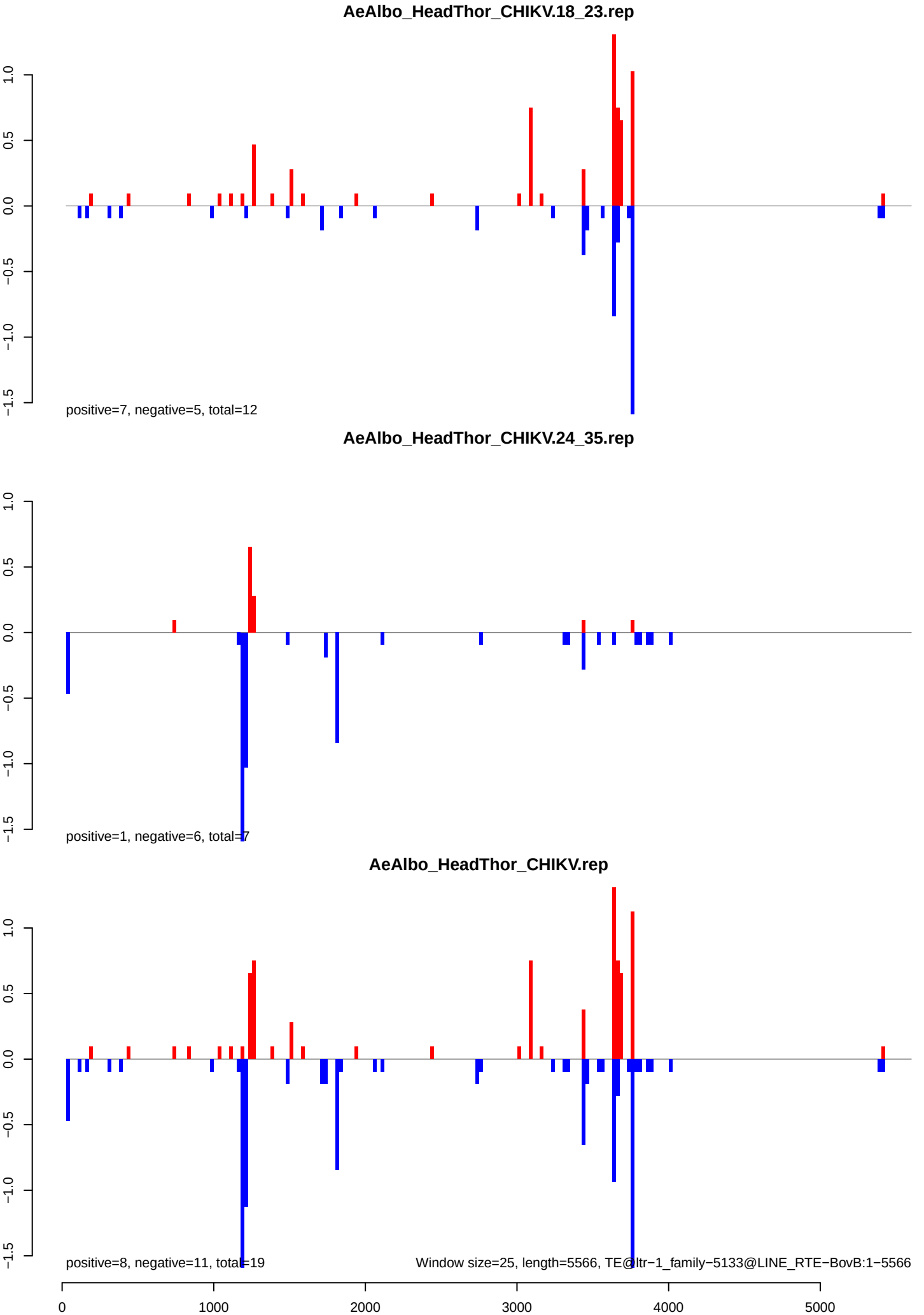

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
positive=6, negative=12, total=18
Window size=25, length=7051, TE@ltr−1_family−5590@LTR_Pao:1−7051
0
1000
2000
3000
4000
5000
6000
7000

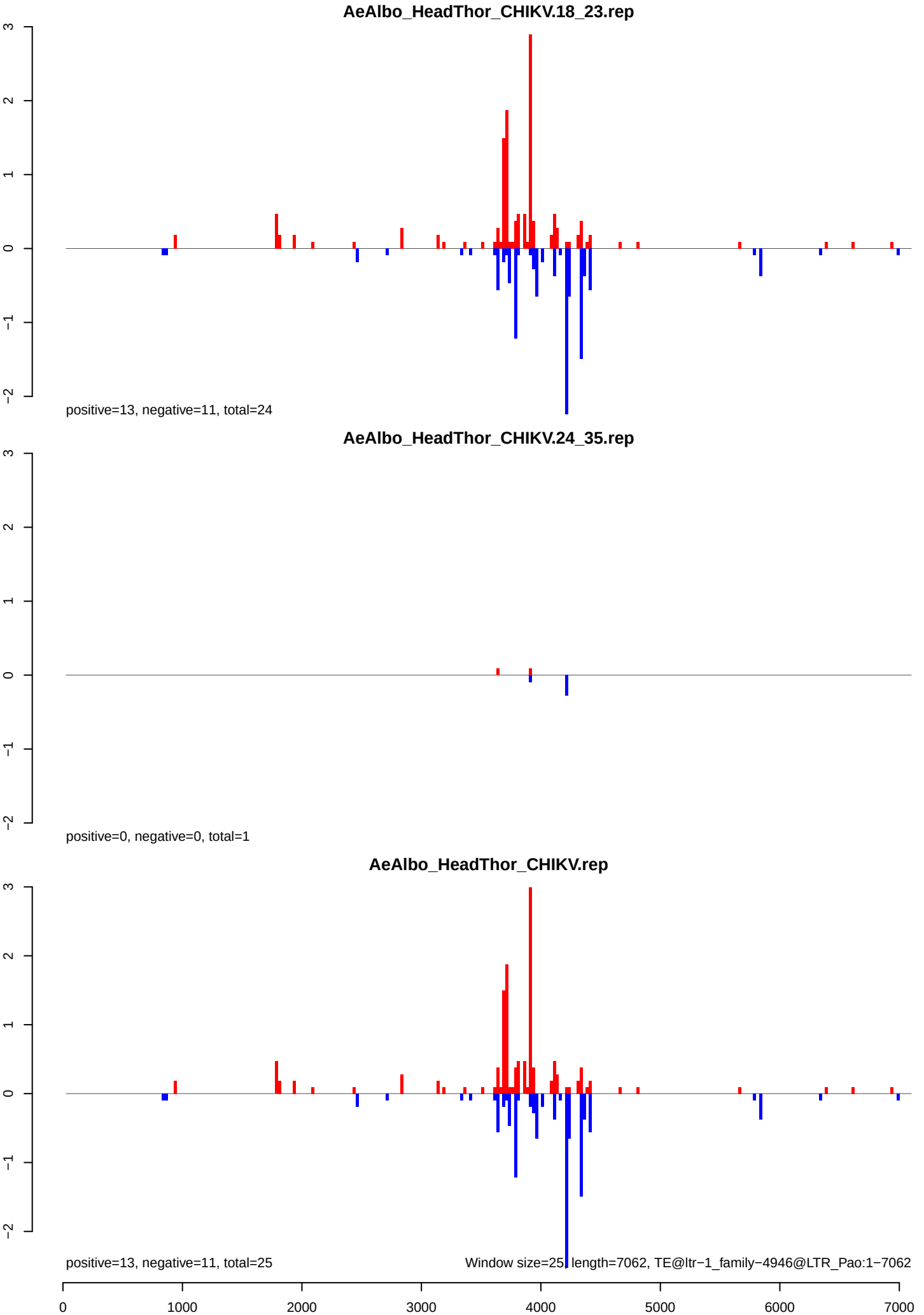

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=9, negative=8, total=17

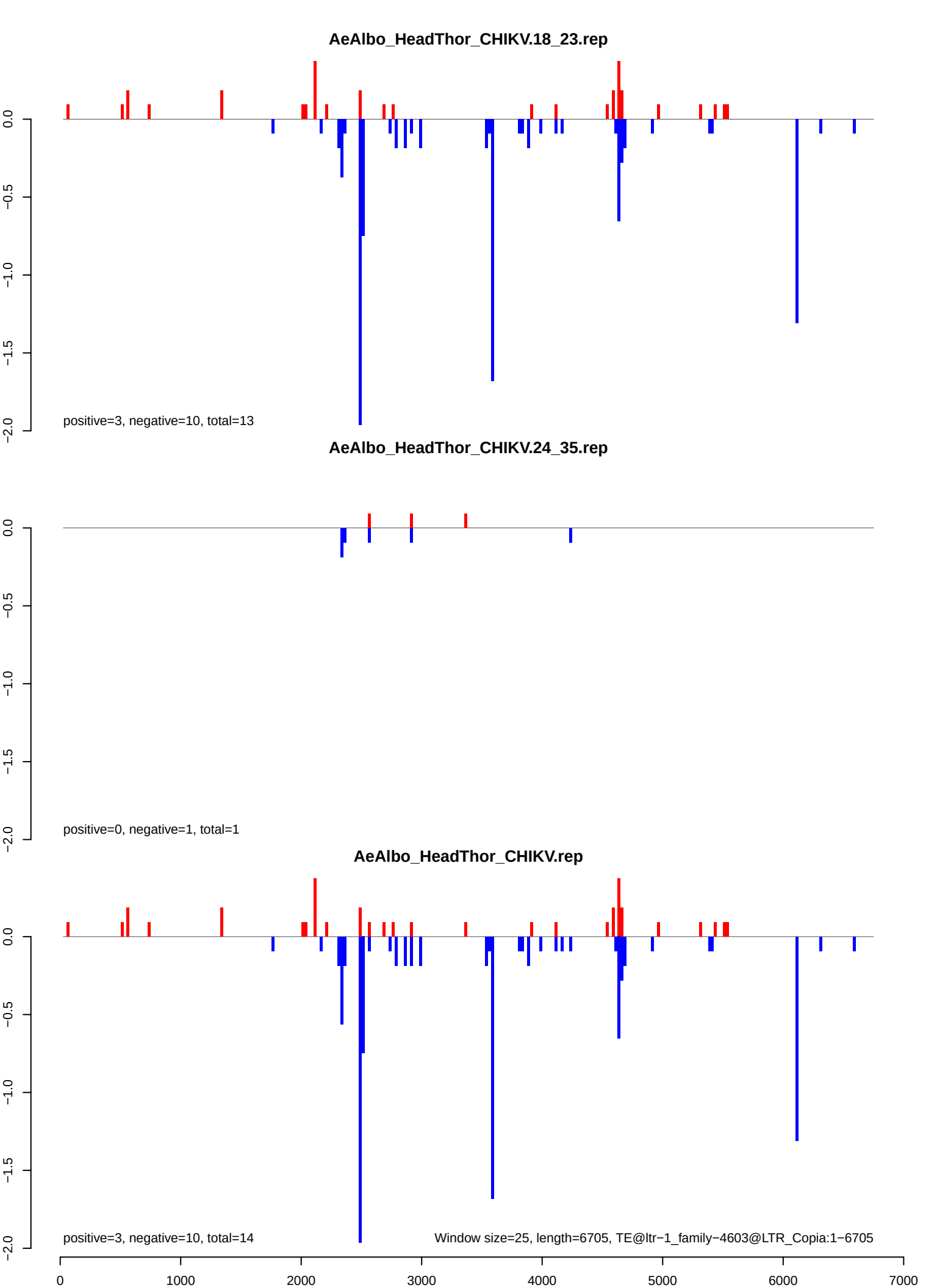

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=1, negative=1, total=2

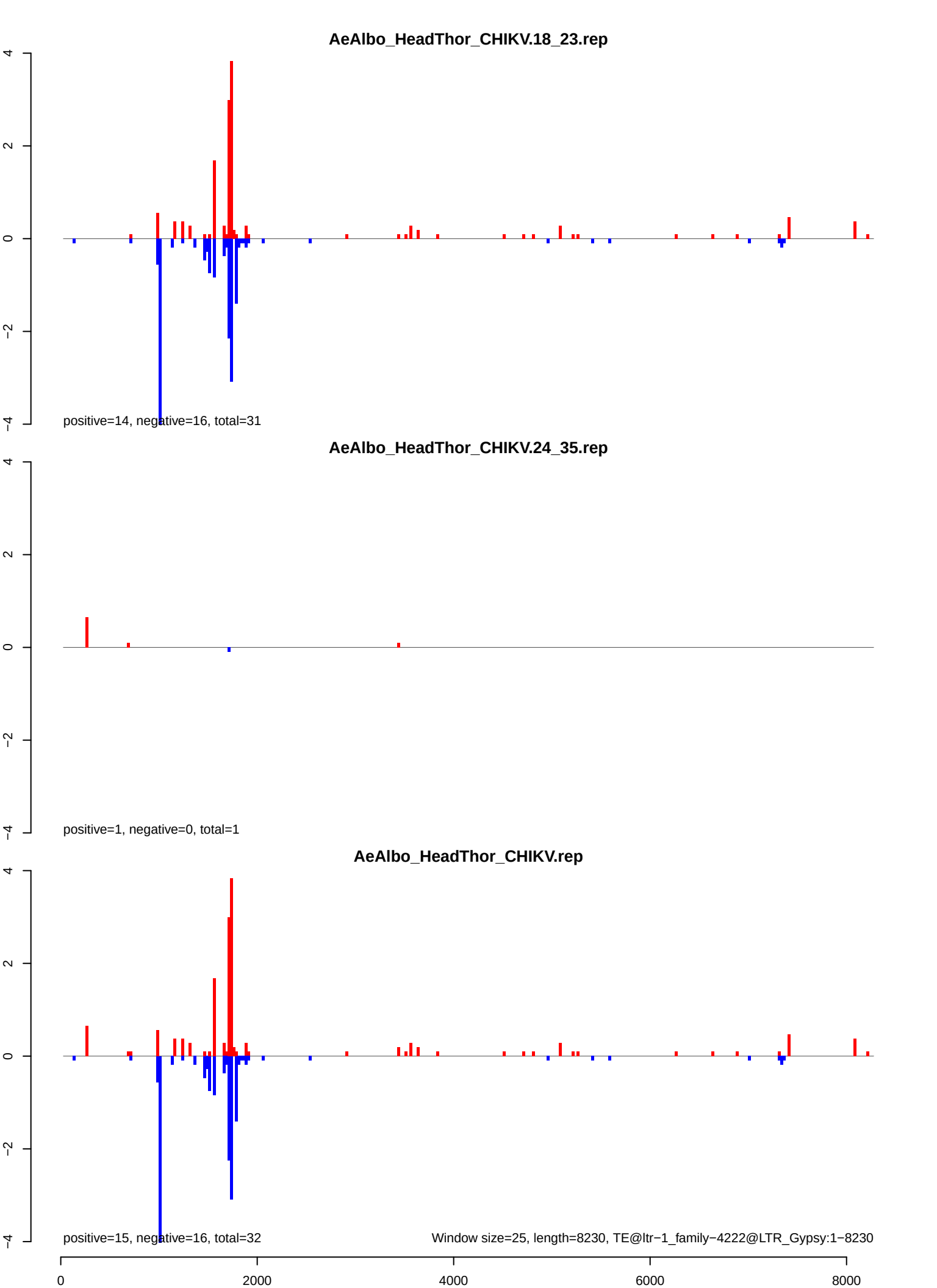

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=10, negative=9, total=19
Window size=25, length=6148, TE@ltr−1_family−5512@DNA_Sola−1:1−6148
0
1000
2000
3000
4000
5000
6000

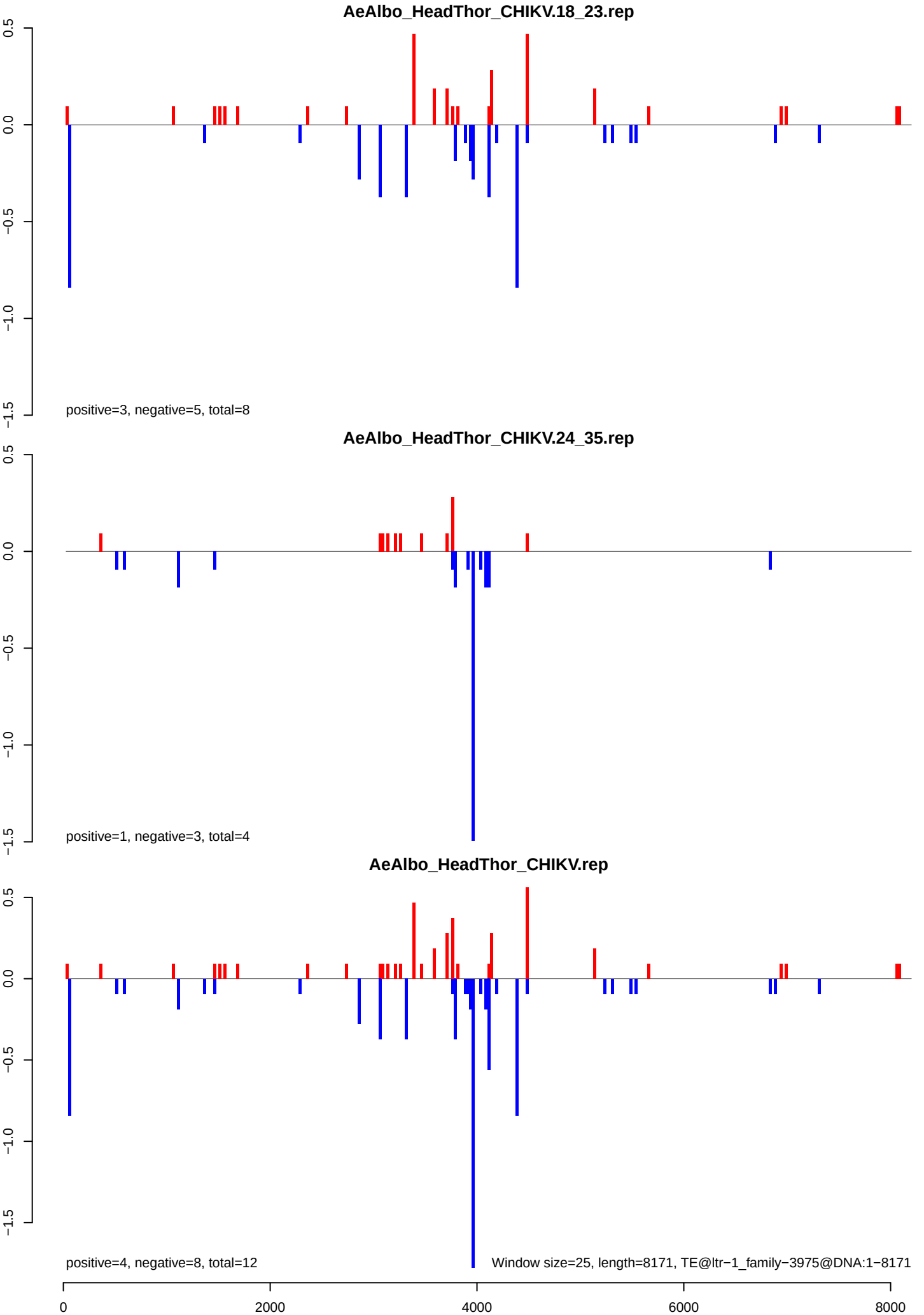

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=6, negative=6, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=7, negative=7, total=13
Window size=25, length=7518, TE@ltr−1_family−5155@LTR_Gypsy:1−7518
0
2000
4000
6000

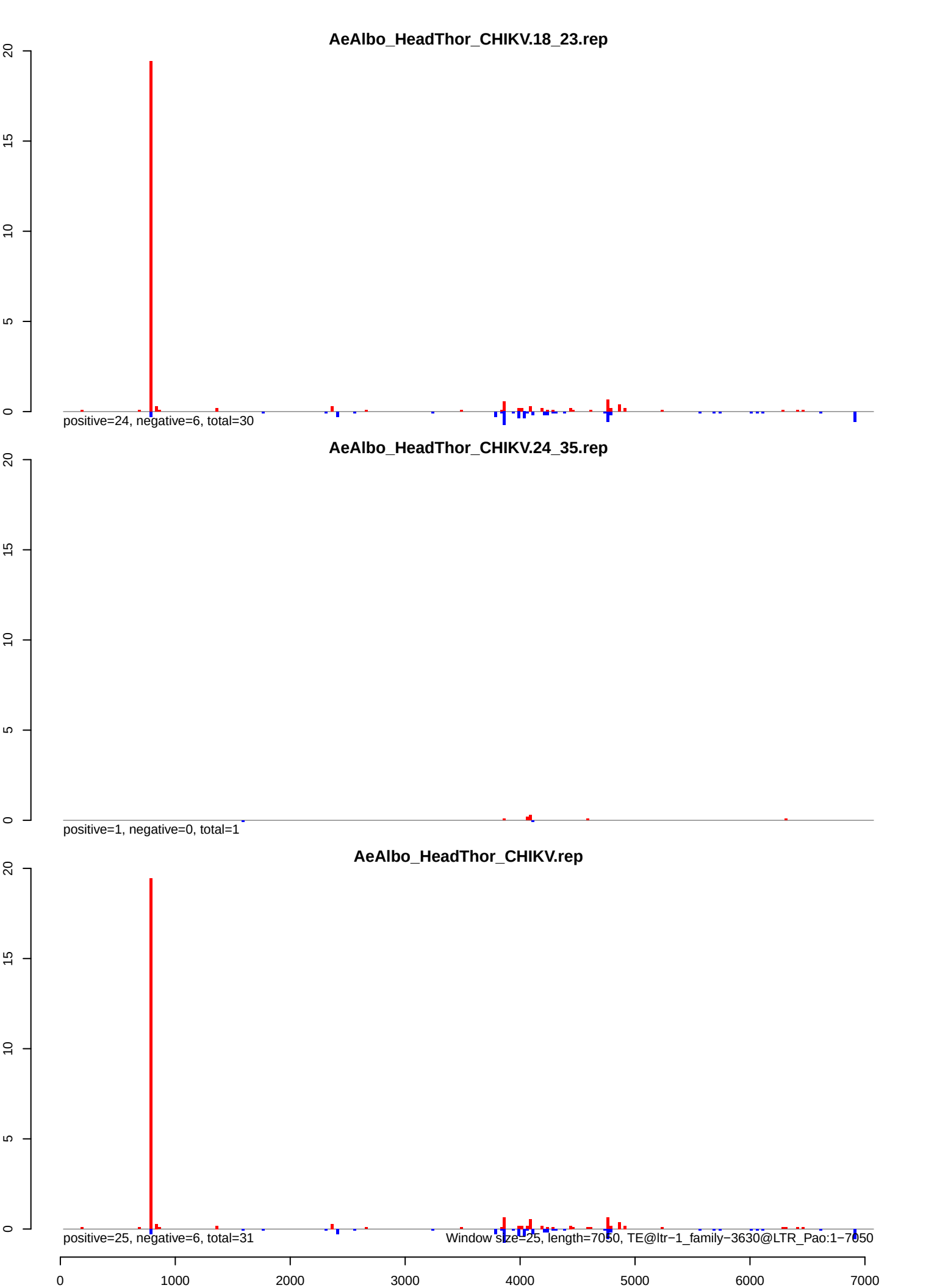

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=5, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=11, total=19
Window size=25, length=5566, TE@ltr−1_family−5133@LINE_RTE−BovB:1−5566
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
1000
2000
3000
4000
5000

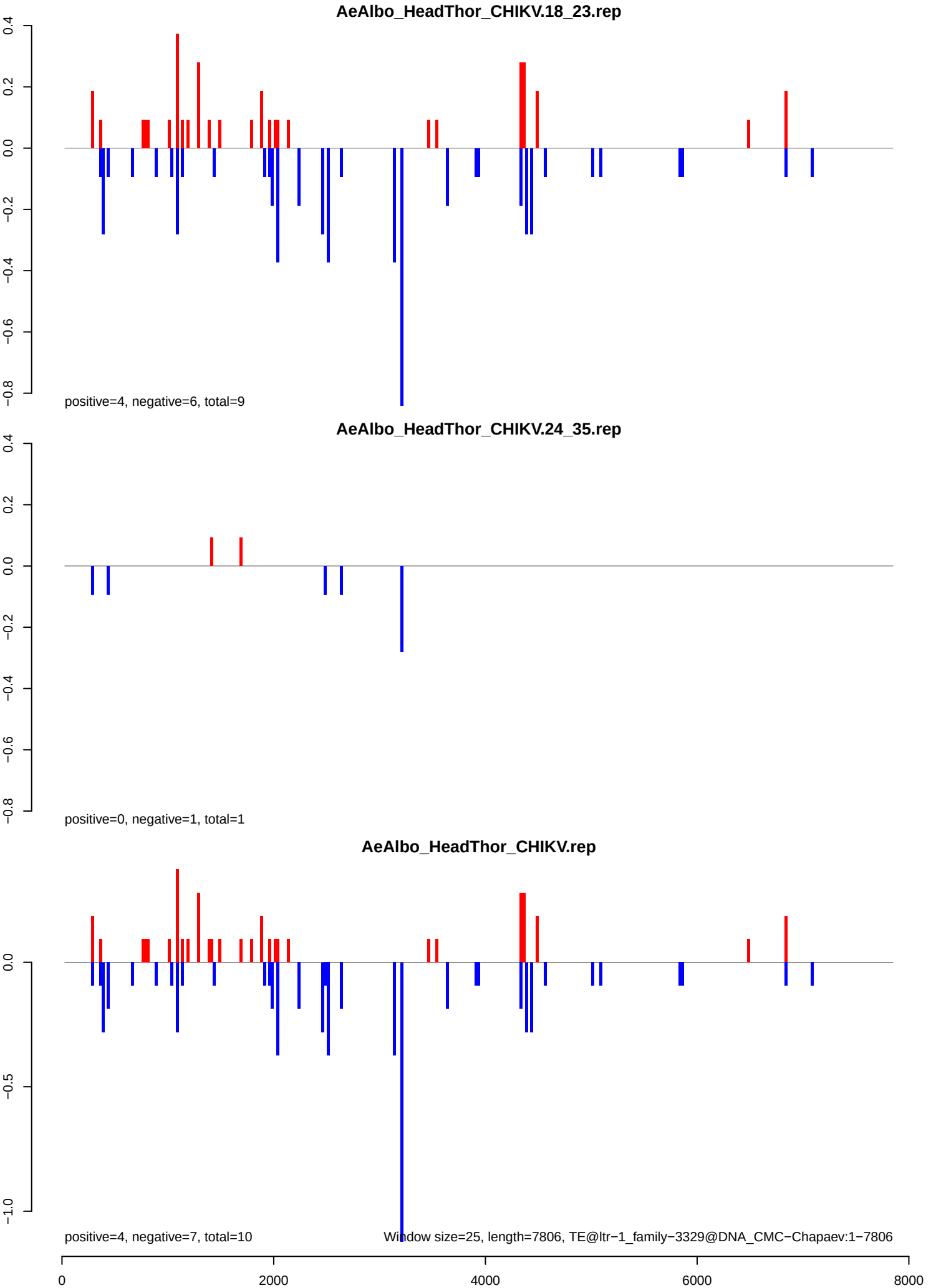

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=13, negative=11, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=11, total=25
Window size=25, length=7062, TE@ltr−1_family−4946@LTR_Pao:1−7062
3
2
1
0
−1
−2
0
1000
2000
3000
4000
5000
6000
7000

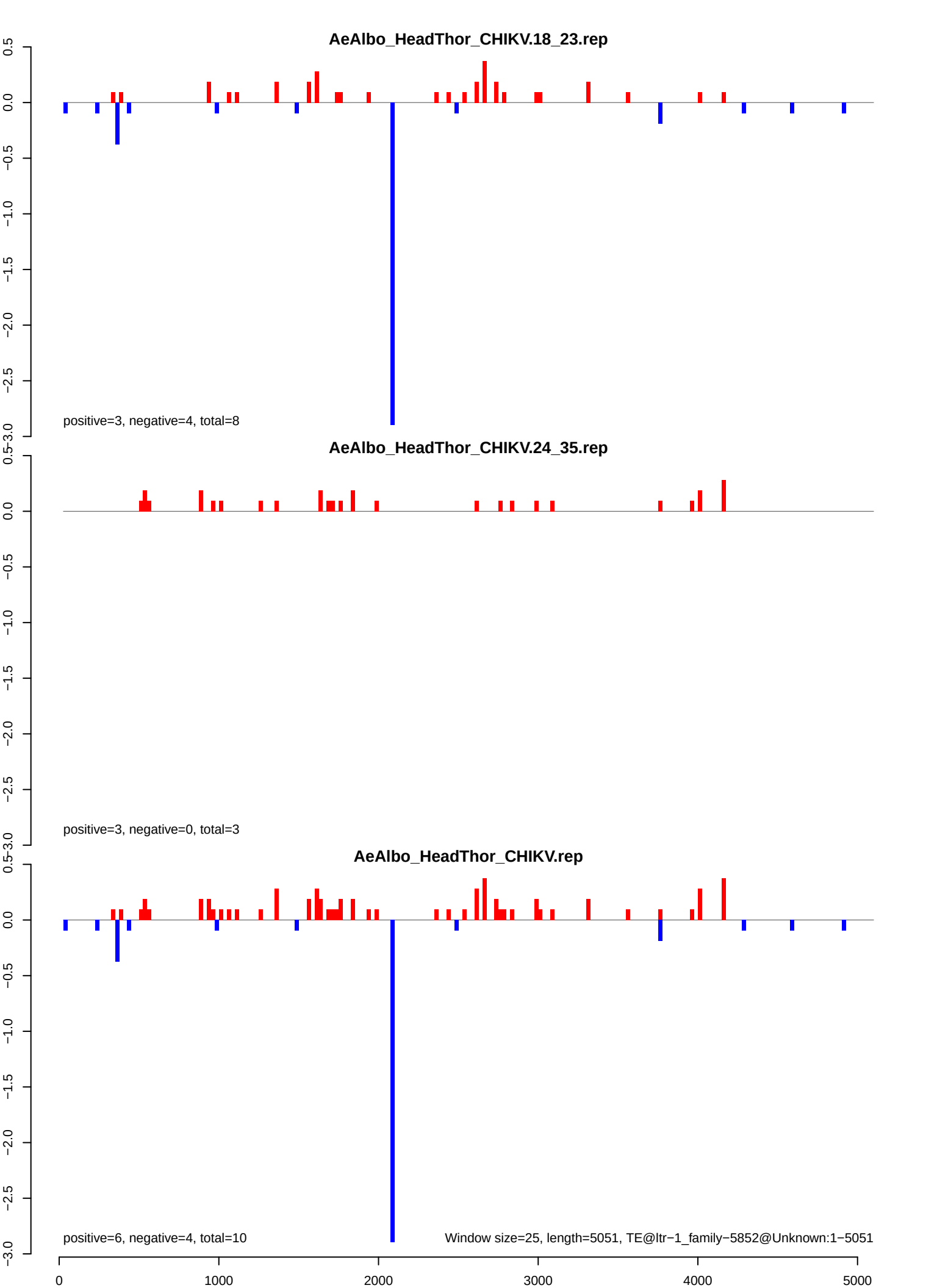

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=10, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=10, total=14
Window size=25, length=6705, TE@ltr−1_family−4603@LTR_Copia:1−6705
0.0
−0.5
−1.0
−1.5
−2.0
0
1000
2000
3000
4000
5000
6000
7000

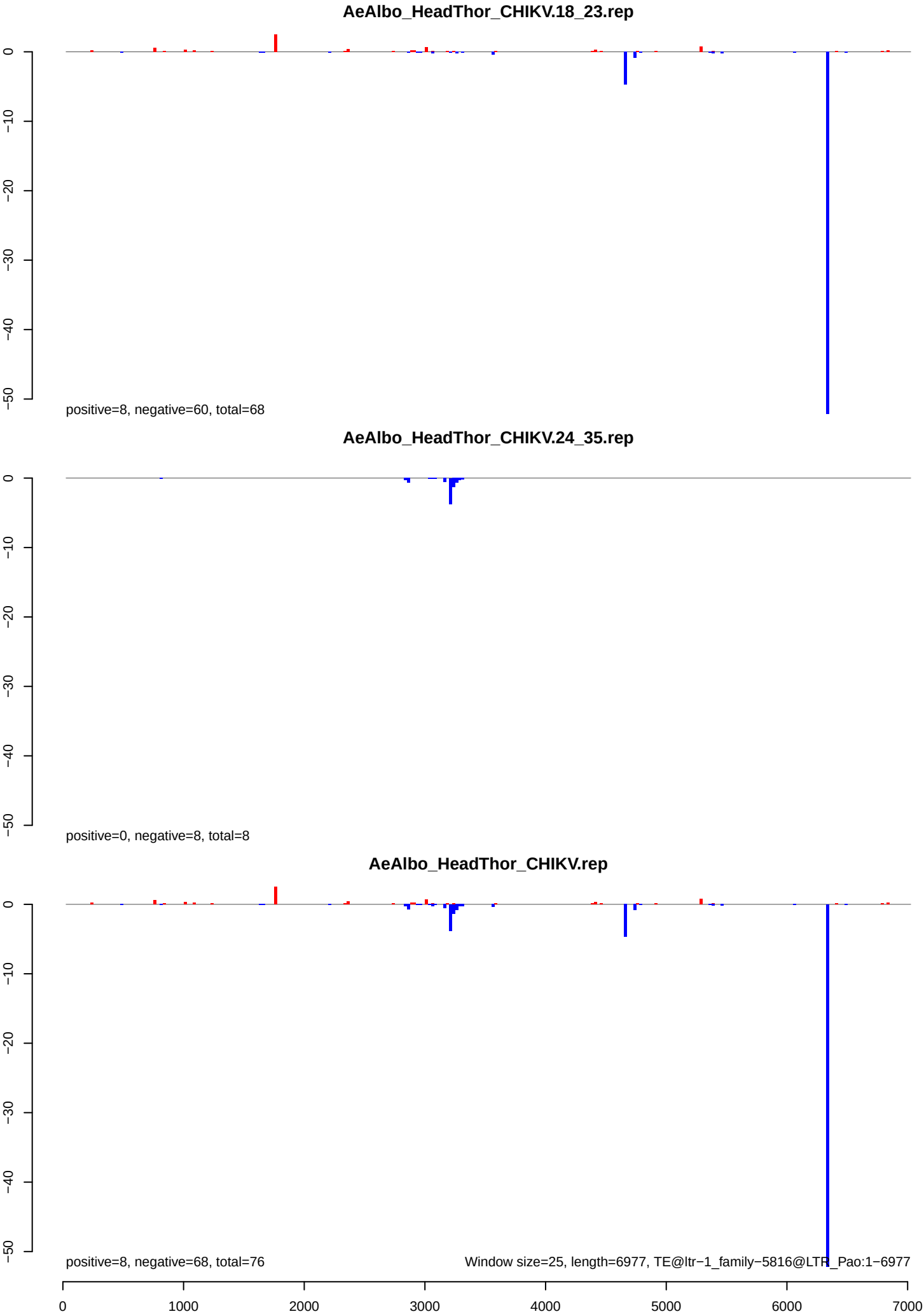

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=16, total=31
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=16, total=32
Window size=25, length=8230, TE@ltr−1_family−4222@LTR_Gypsy:1−8230
4
2
0
−2
−4
0
2000
4000
6000
8000

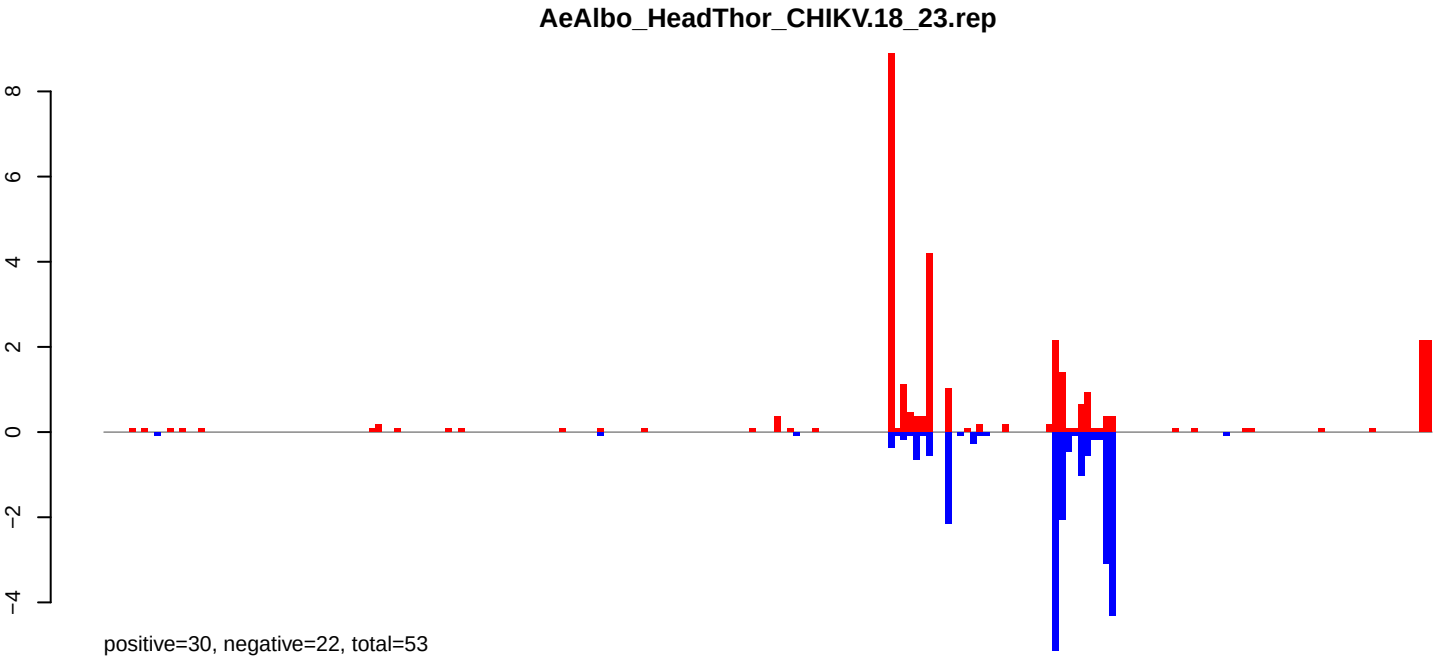

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=8, total=12
Window size=25, length=8171, TE@ltr−1_family−3975@DNA:1−8171
0
2000
4000
6000
8000

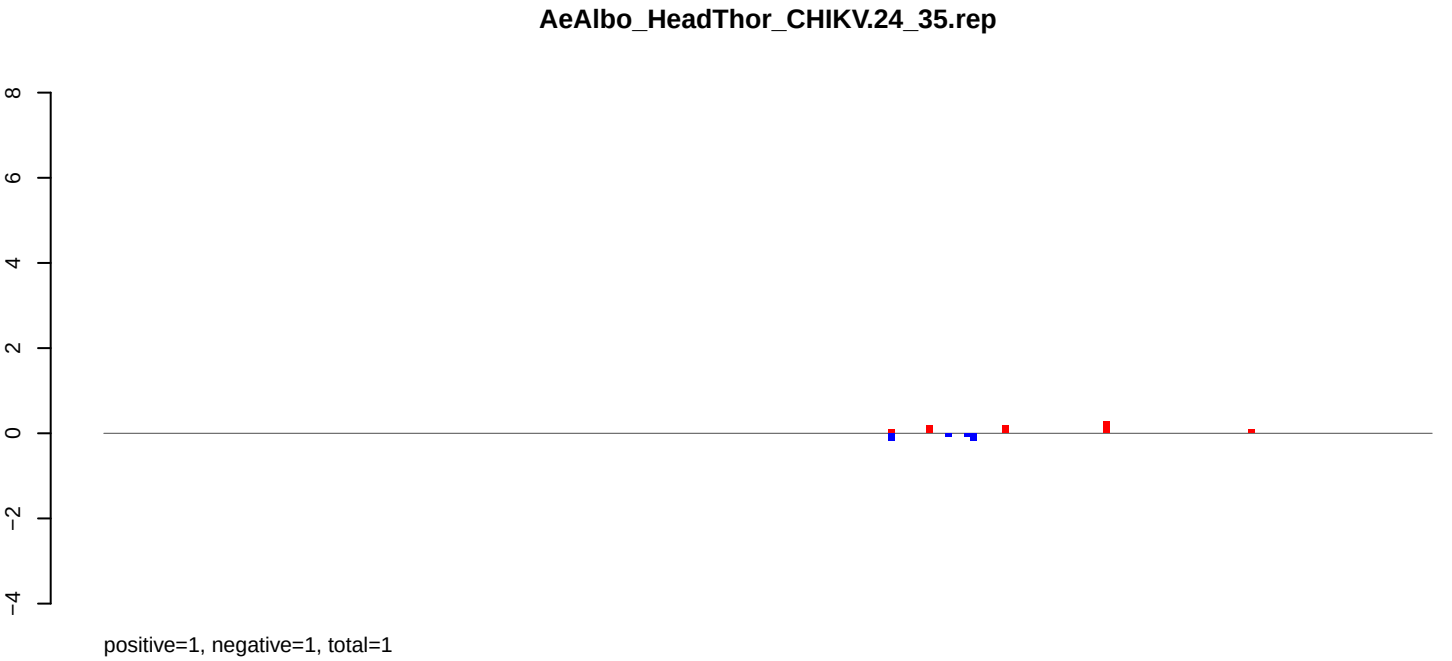

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=24, negative=6, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=25, negative=6, total=31
Window size=25, length=7050, TE@ltr−1_family−3630@LTR_Pao:1−7050
0
5
10
15
20
0
1000
2000
3000
4000
5000
6000
7000

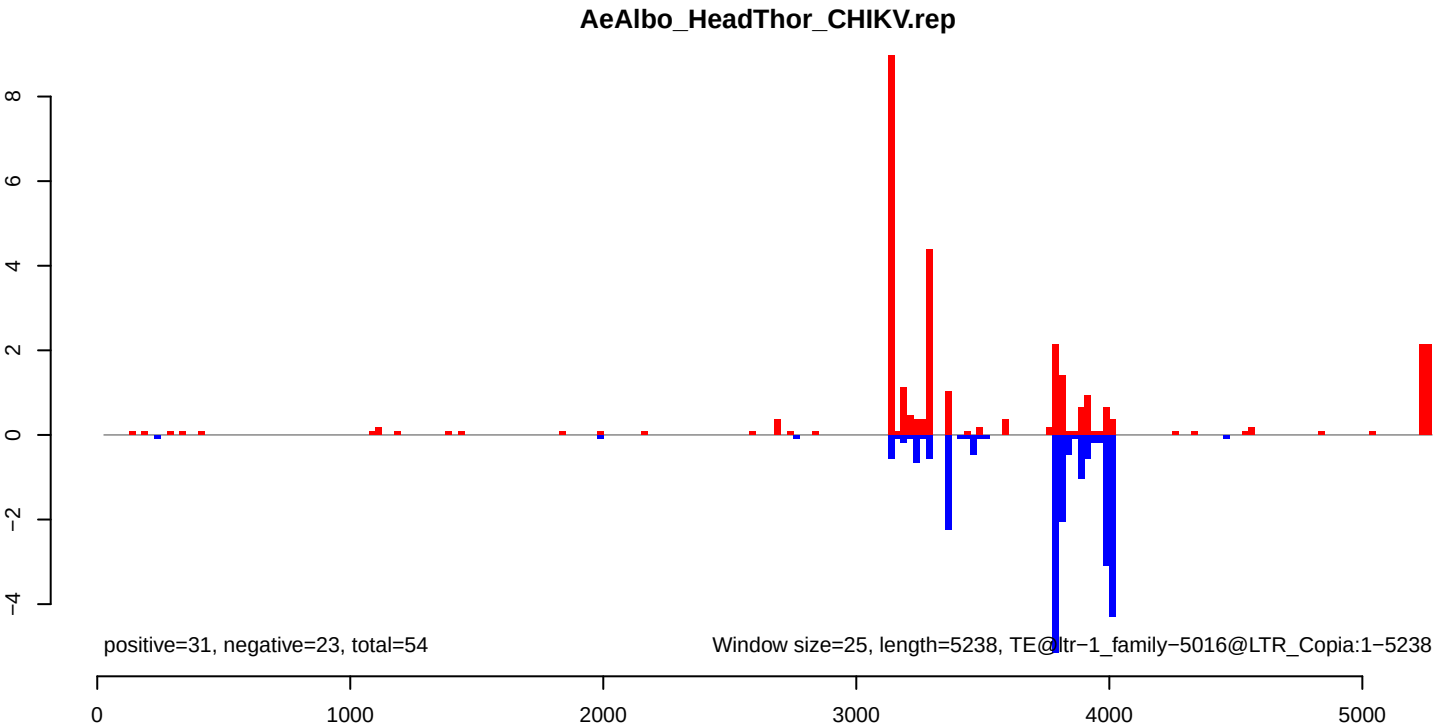

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=7, total=10
Window size=25, length=7806, TE@ltr−1_family−3329@DNA_CMC−Chapaev:1−7806
0
2000
4000
6000
8000

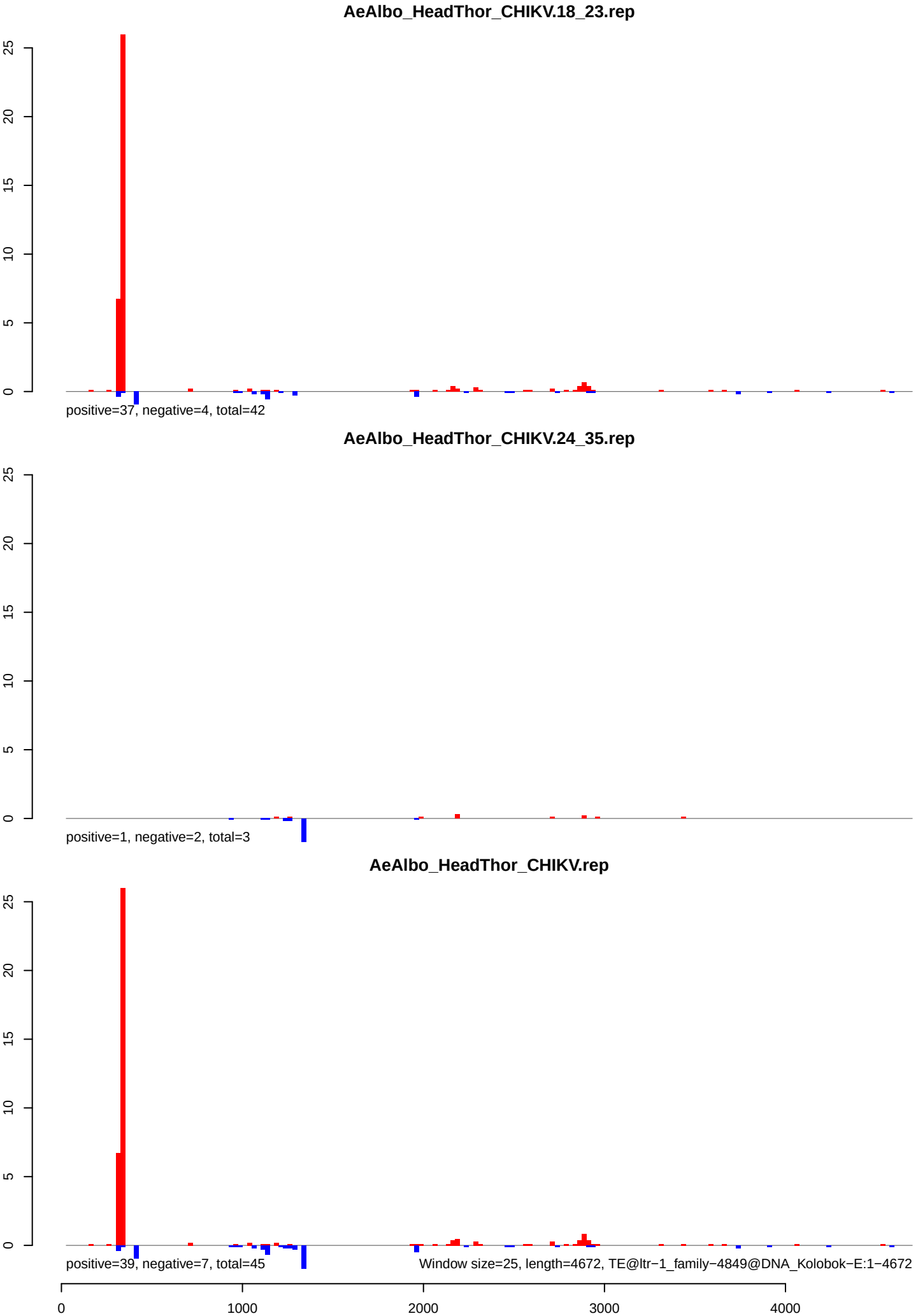

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=4, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=4, total=10
Window size=25, length=5051, TE@ltr−1_family−5852@Unknown:1−5051
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
0
1000
2000
3000
4000
5000

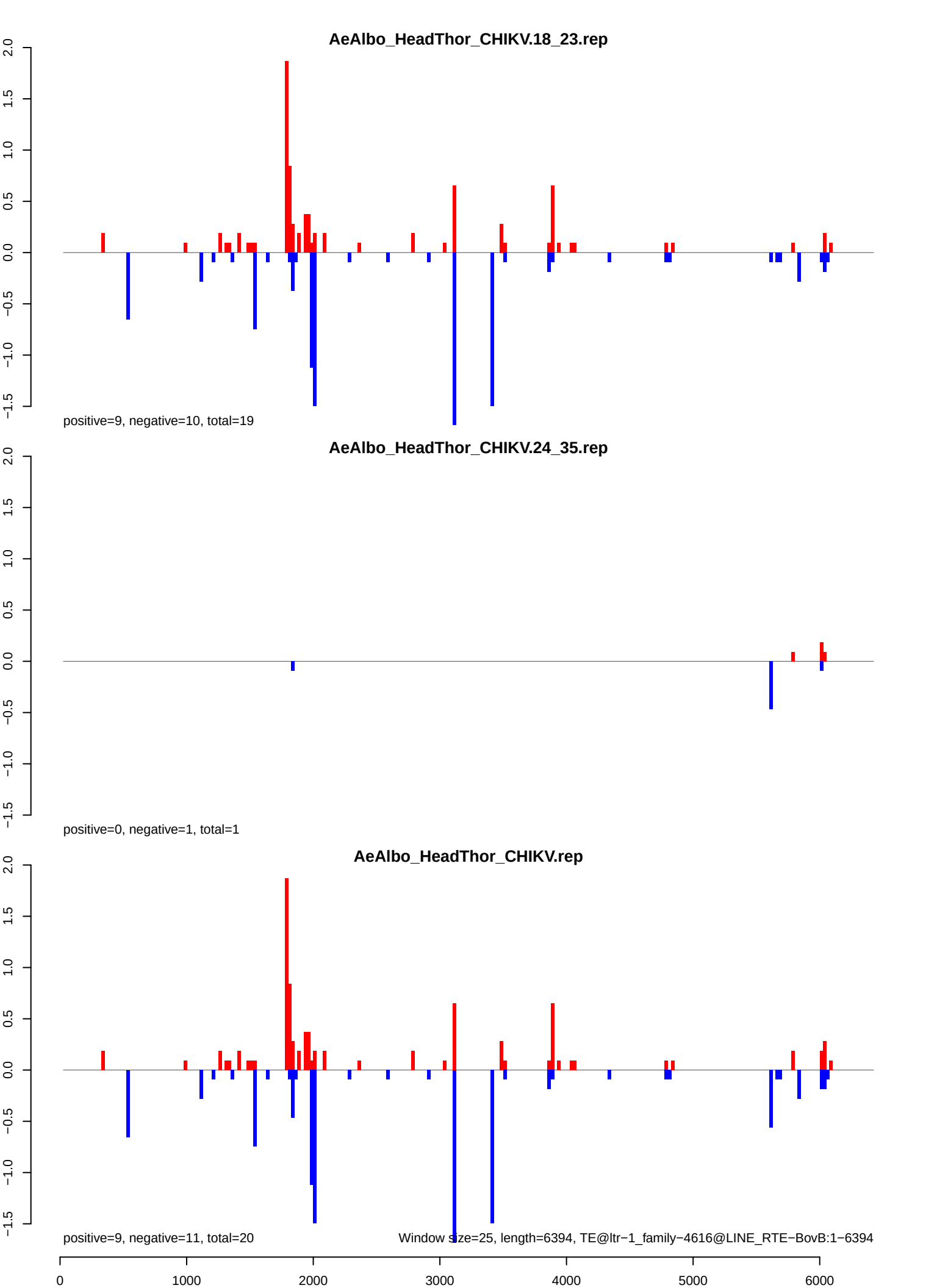

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
positive=8, negative=60, total=68
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
−50
positive=0, negative=8, total=8
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
positive=8, negative=68, total=76
Window size=25, length=6977, TE@ltr−1_family−5816@LTR_Pao:1−6977
0
1000
2000
3000
4000
5000
6000
7000

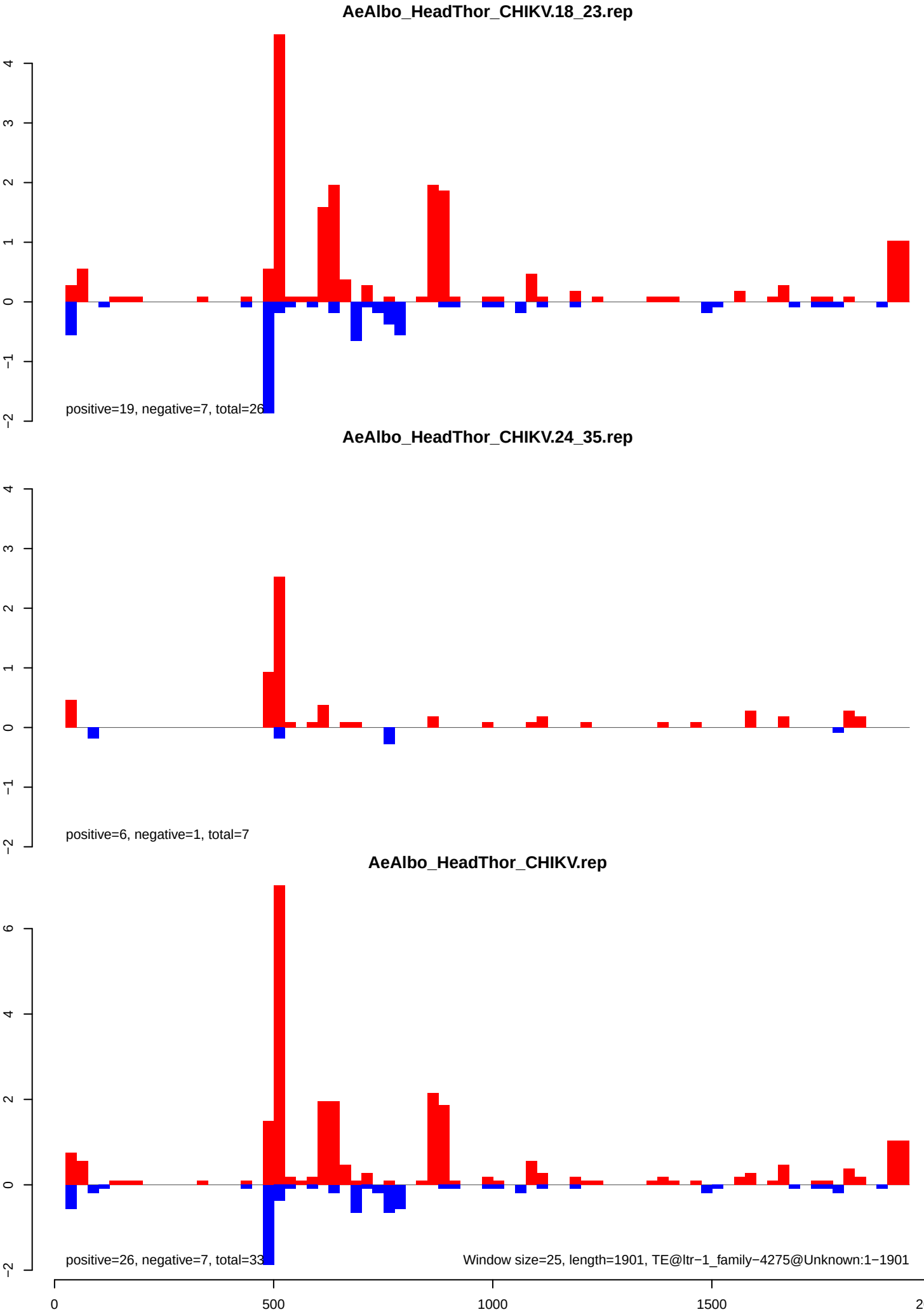

AeAlbo_HeadThor_CHIKV.18_23.rep
8
6
4
2
0
−2
−4
positive=30, negative=22, total=53

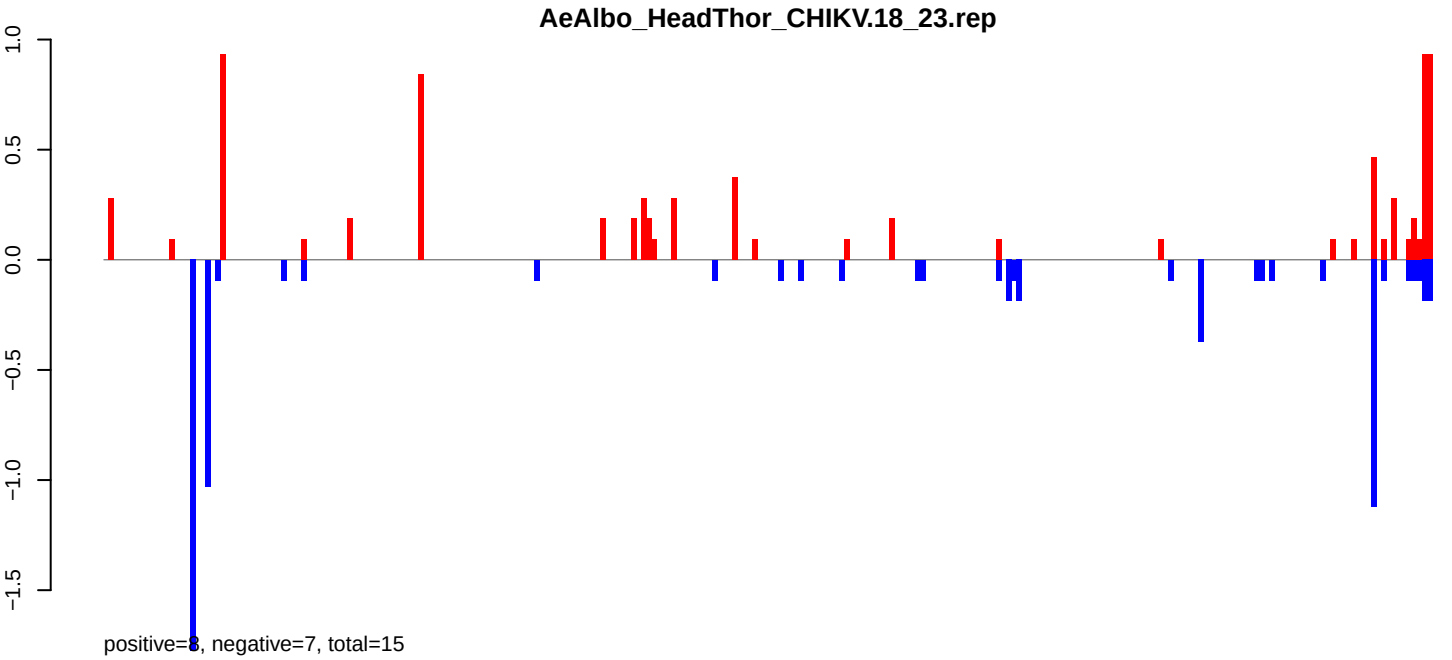

AeAlbo_HeadThor_CHIKV.24_35.rep
8
6
4
2
0
−2
−4
positive=1, negative=1, total=1

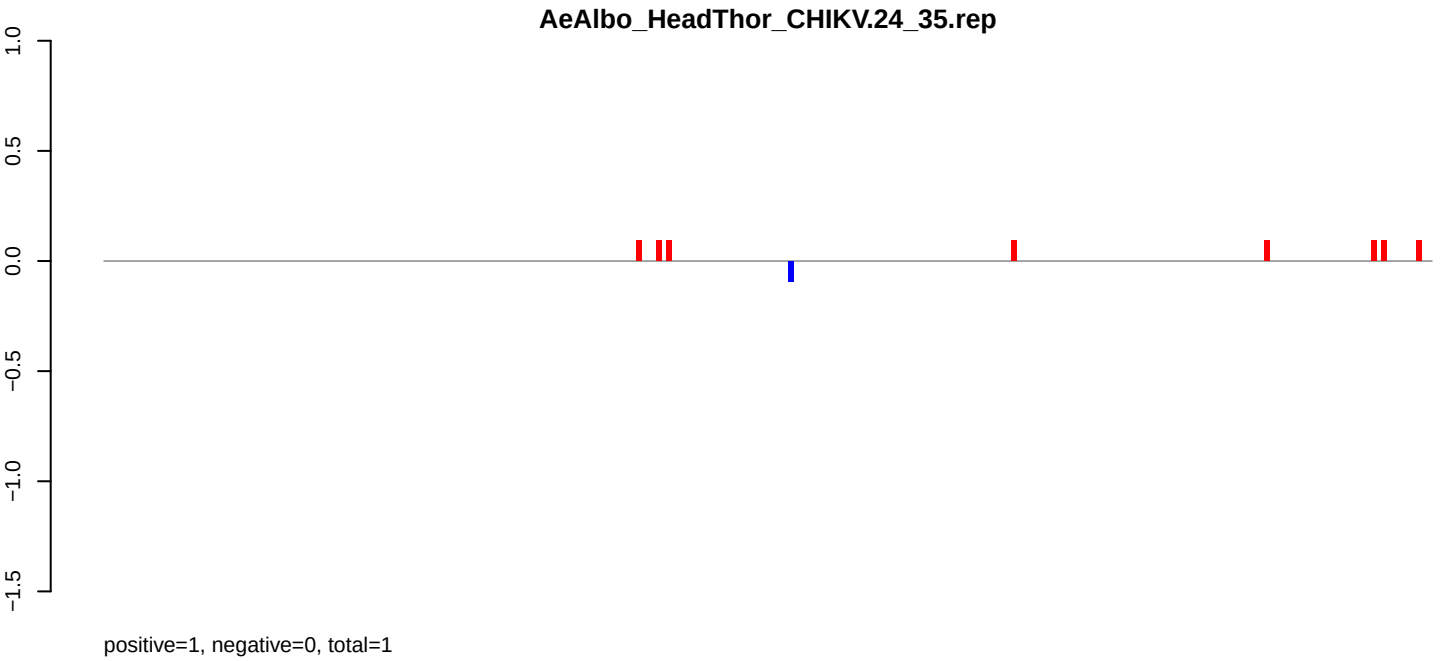

AeAlbo_HeadThor_CHIKV.rep
8
6
4
2
0
−2
−4
positive=31, negative=23, total=54
Window size=25, length=5238, TE@ltr−1_family−5016@LTR_Copia:1−5238
0
1000
2000
3000
4000
5000

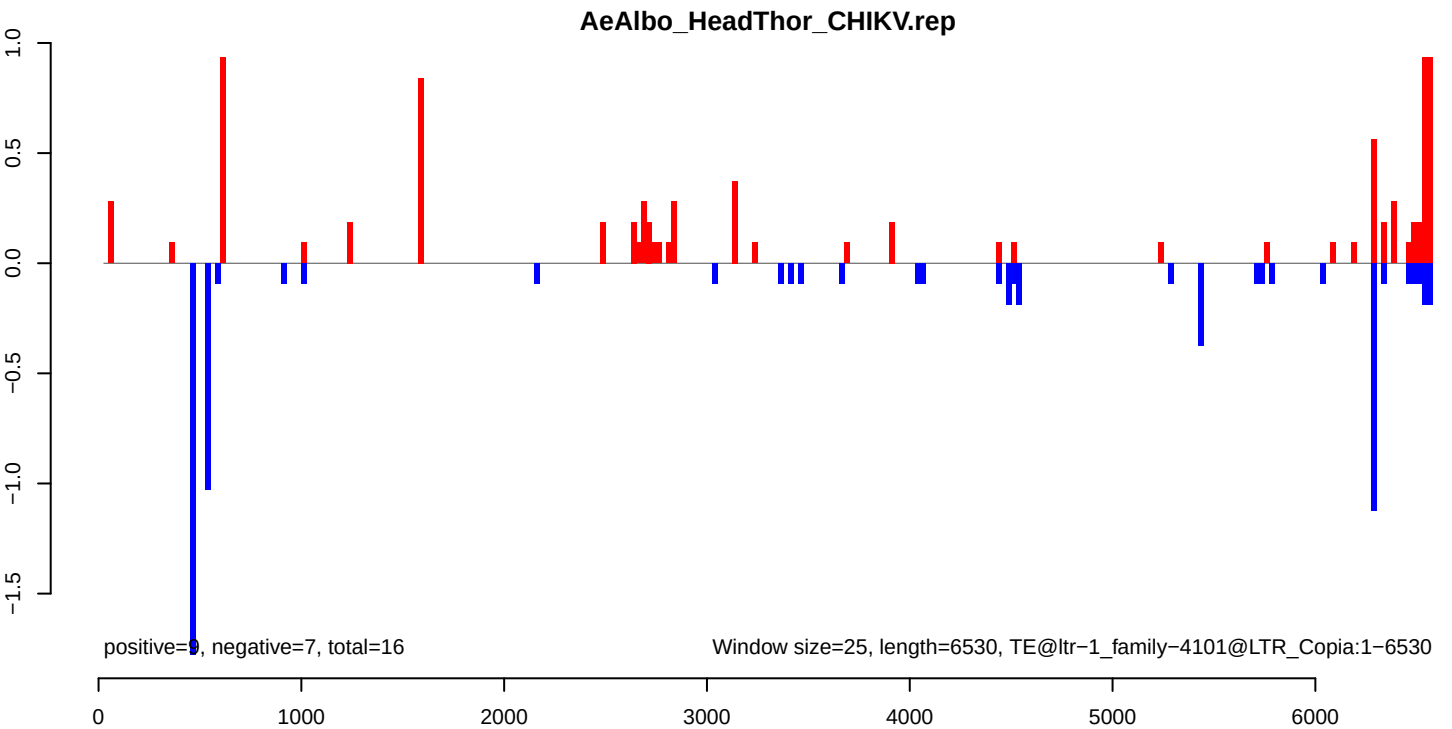

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
25
positive=37, negative=4, total=42
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
25
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
25
positive=39, negative=7, total=45
Window size=25, length=4672, TE@ltr−1_family−4849@DNA_Kolobok−E:1−4672
0
1000
2000
3000
4000

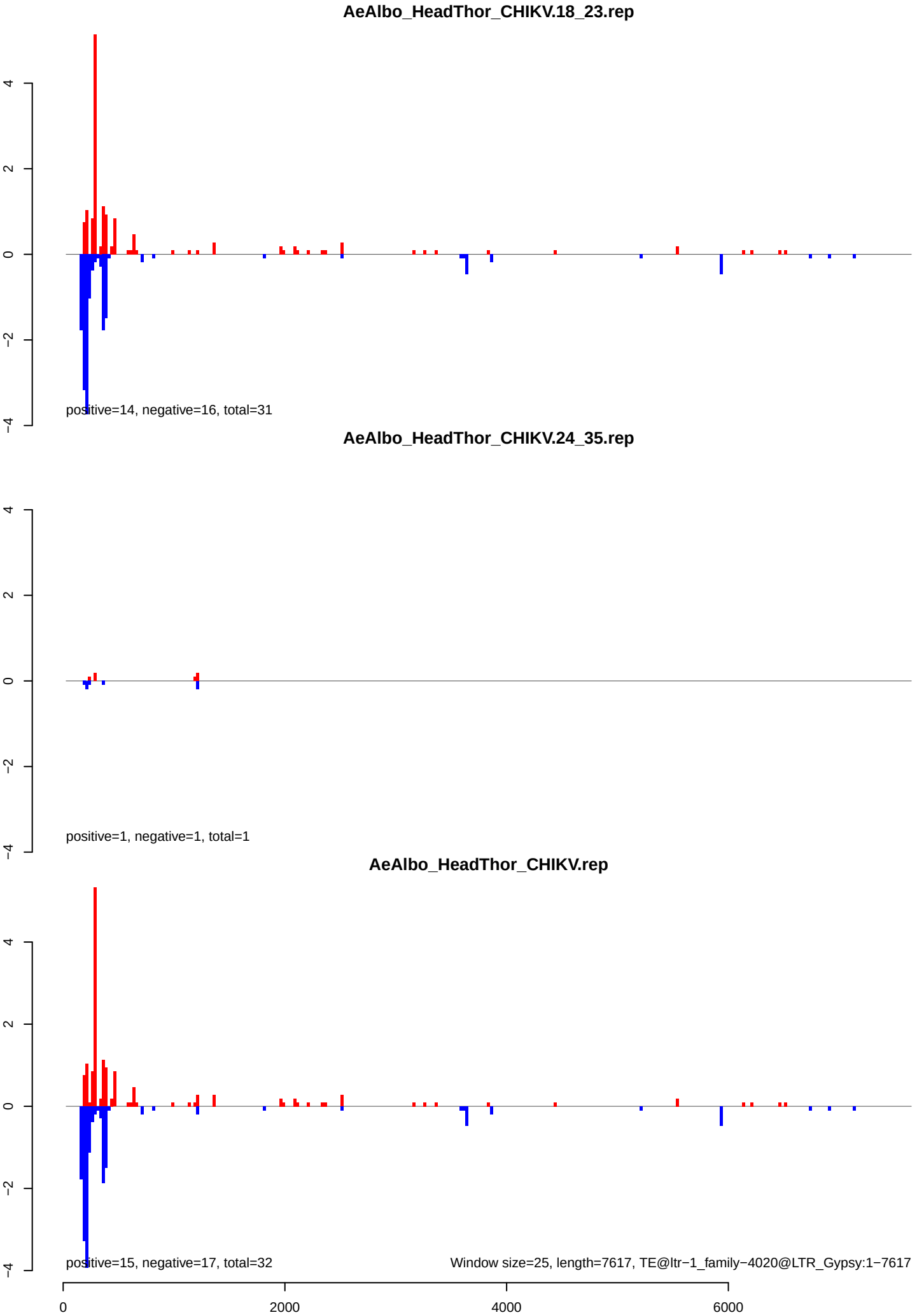

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=10, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=11, total=20
Window size=25, length=6394, TE@ltr−1_family−4616@LINE_RTE−BovB:1−6394
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
1000
2000
3000
4000
5000
6000

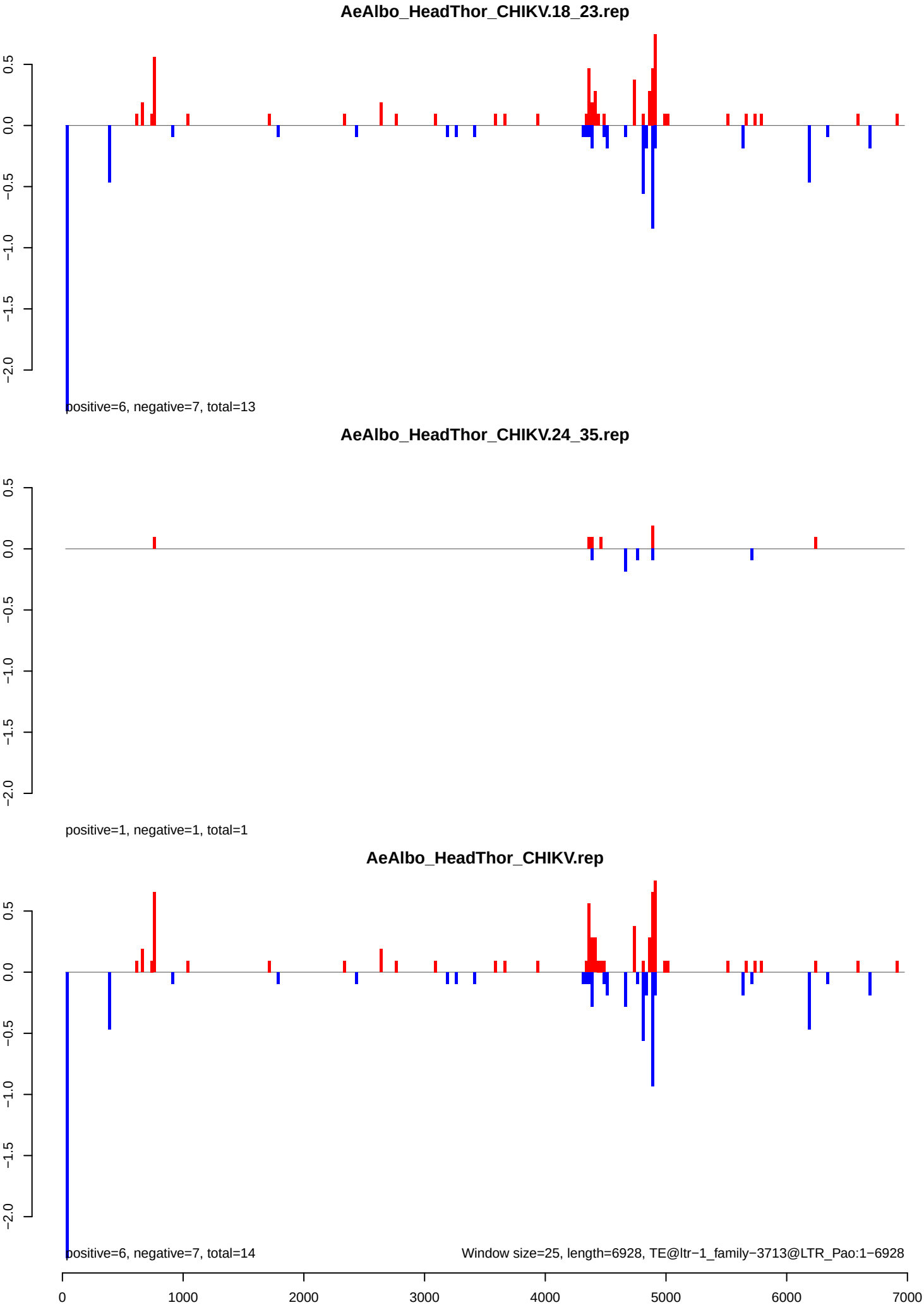

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=19, negative=7, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=6, negative=1, total=7
AeAlbo_HeadThor_CHIKV.rep
positive=26, negative=7, total=33
Window size=25, length=1901, TE@ltr−1_family−4275@Unknown:1−1901
0
500
1000
1500
2000

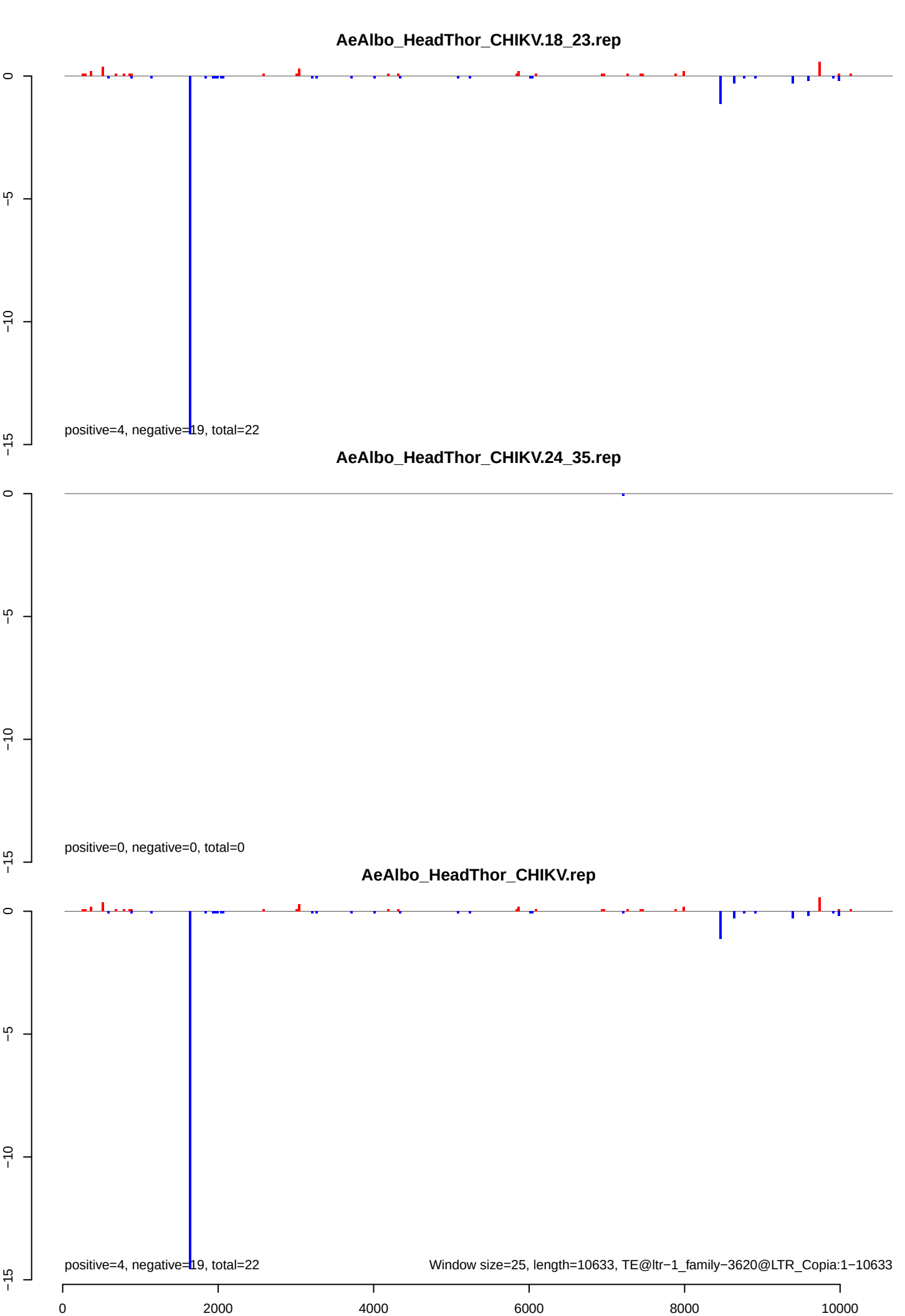

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=8, negative=7, total=15

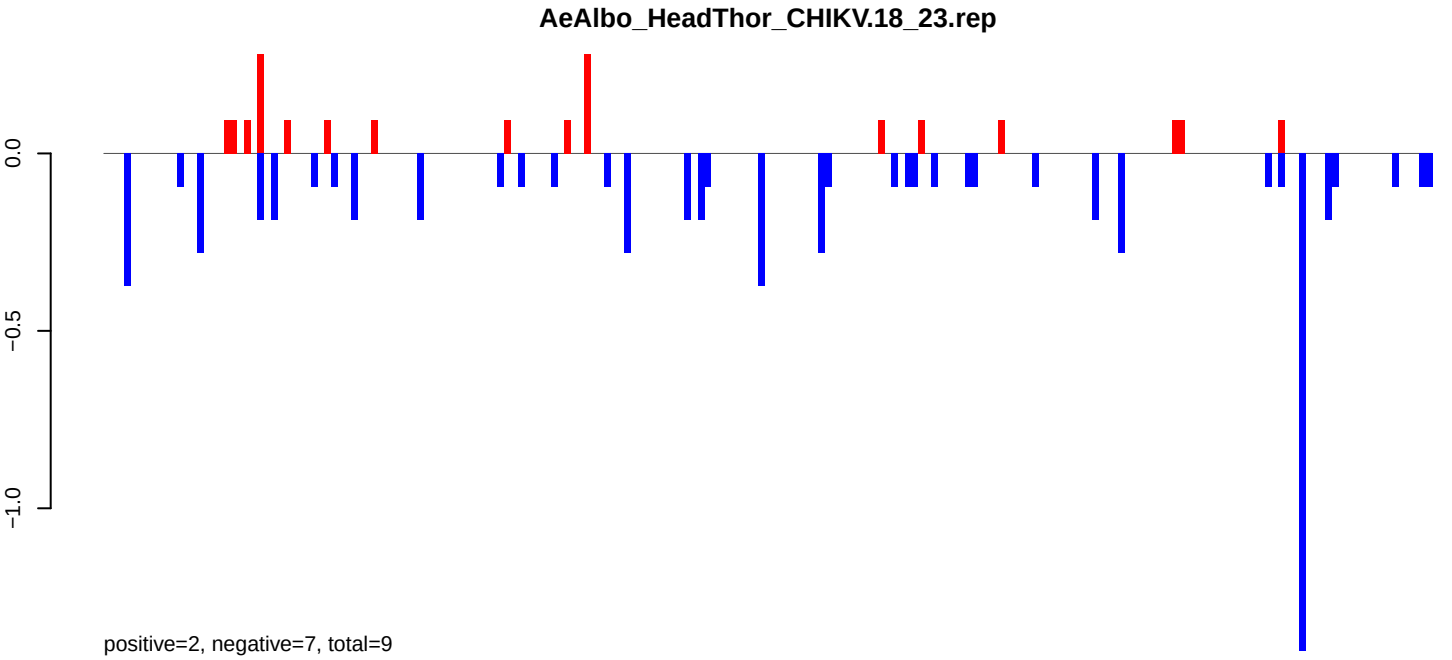

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=0, total=1

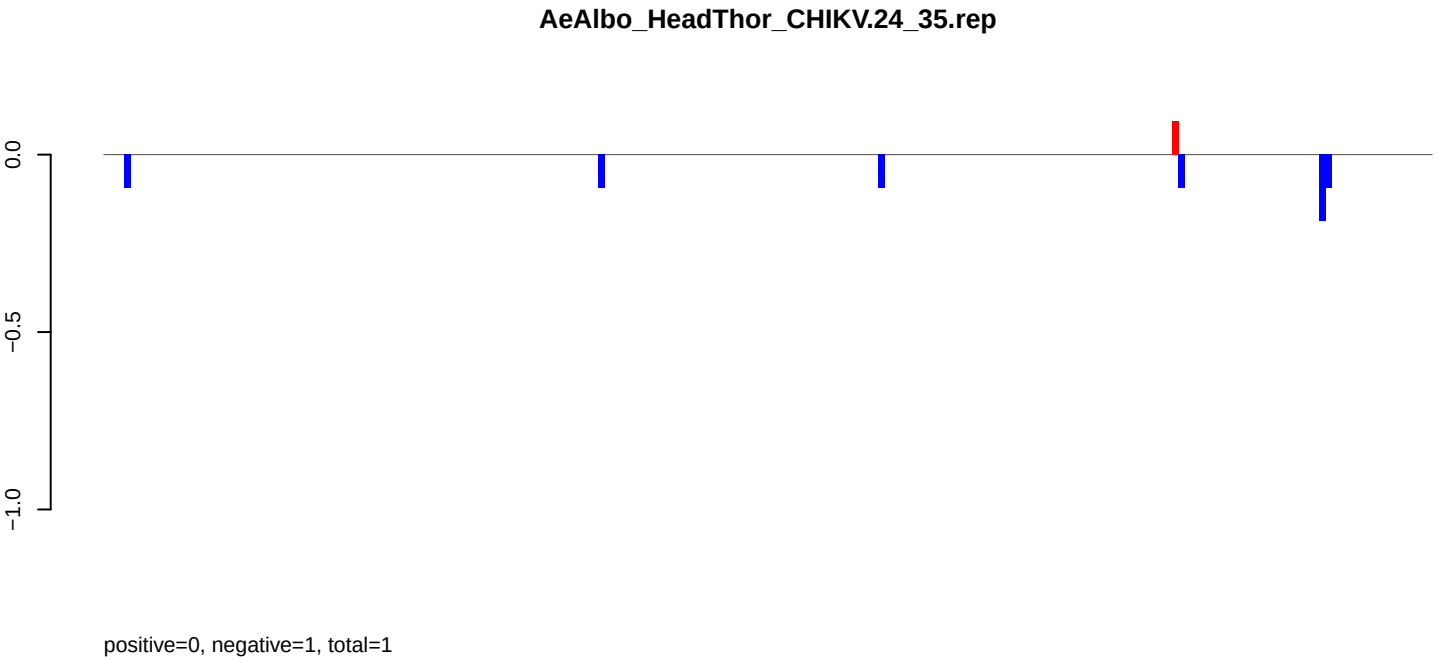

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=9, negative=7, total=16
Window size=25, length=6530, TE@ltr−1_family−4101@LTR_Copia:1−6530
0
1000
2000
3000
4000
5000
6000

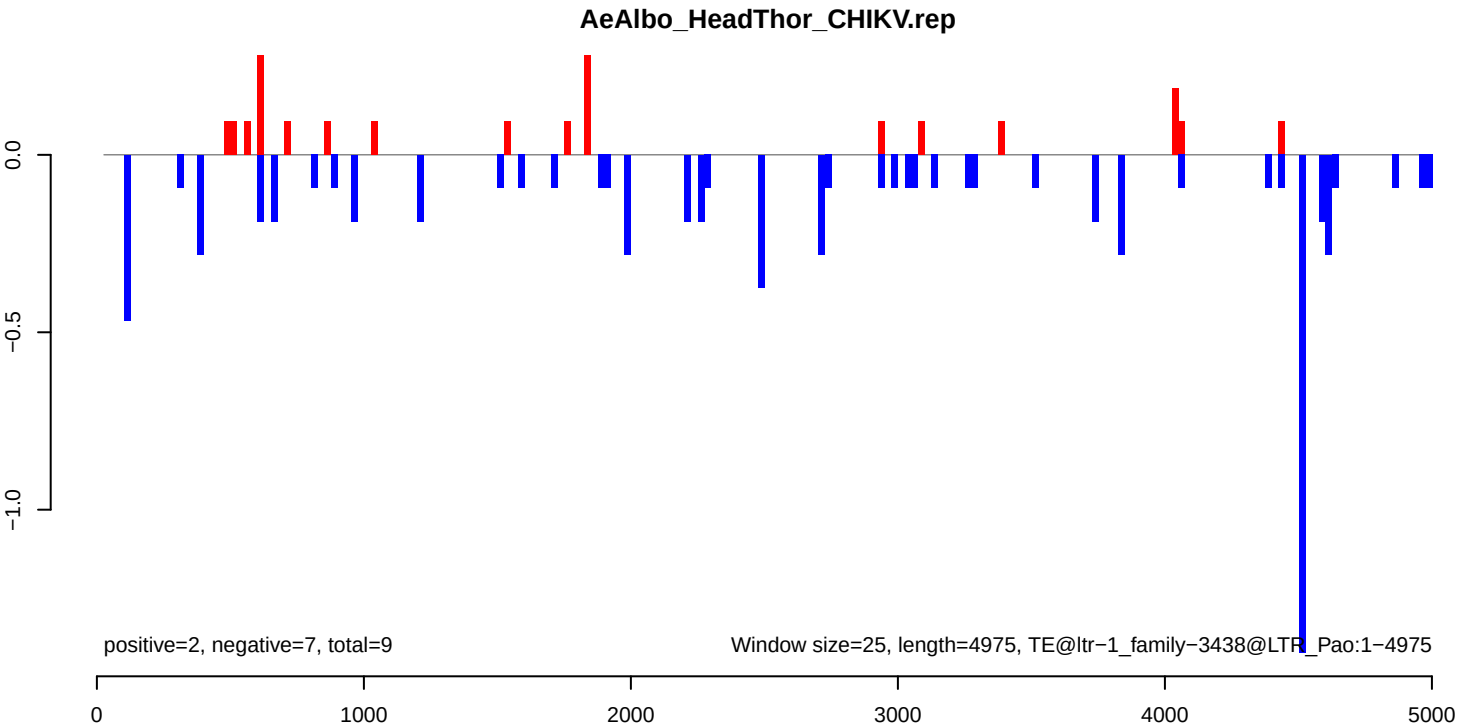

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=16, total=31
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=17, total=32
Window size=25, length=7617, TE@ltr−1_family−4020@LTR_Gypsy:1−7617
4
2
0
−2
−4
0
2000
4000
6000

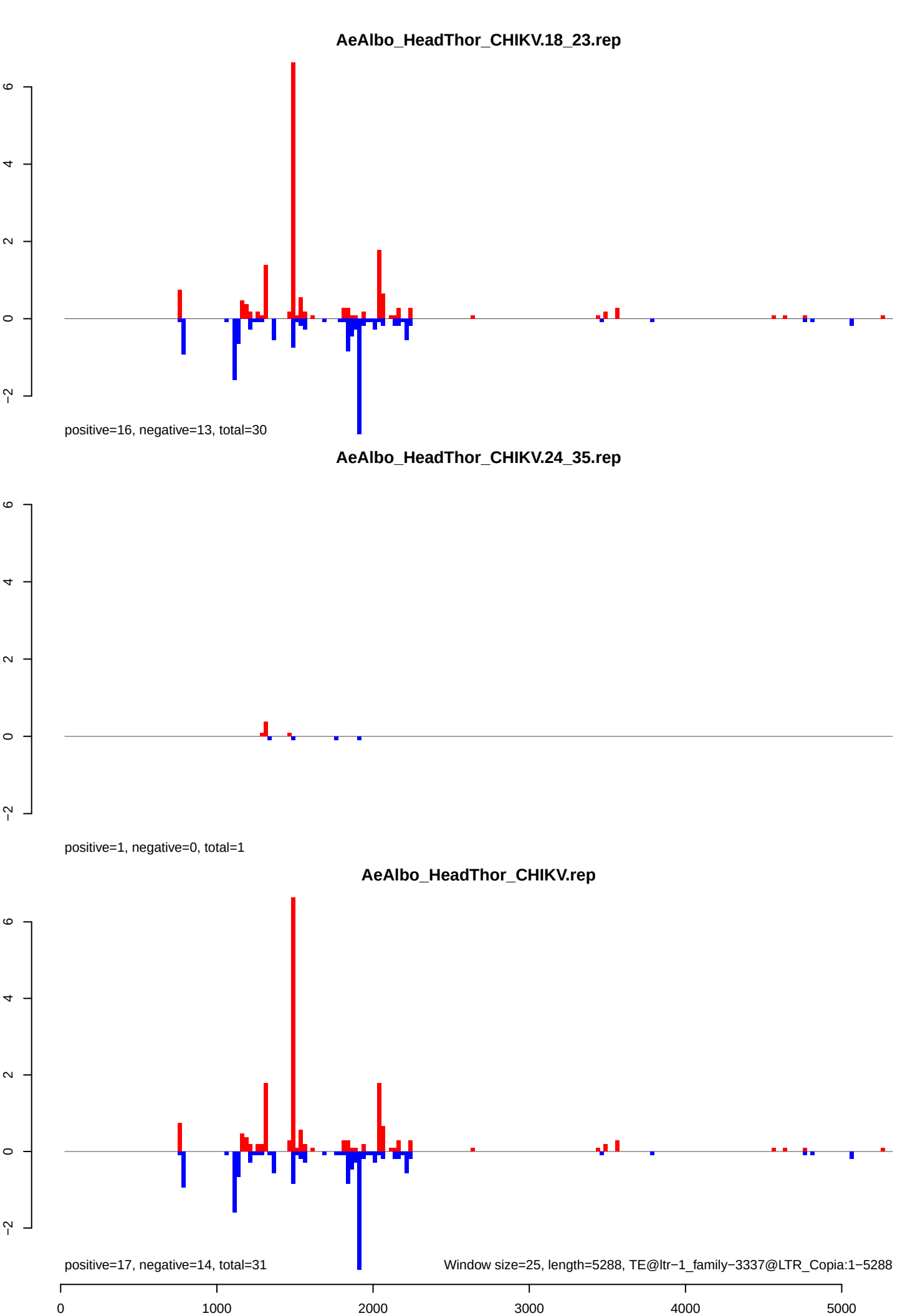

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=6, negative=7, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=6, negative=7, total=14
Window size=25, length=6928, TE@ltr−1_family−3713@LTR_Pao:1−6928
0
1000
2000
3000
4000
5000
6000
7000

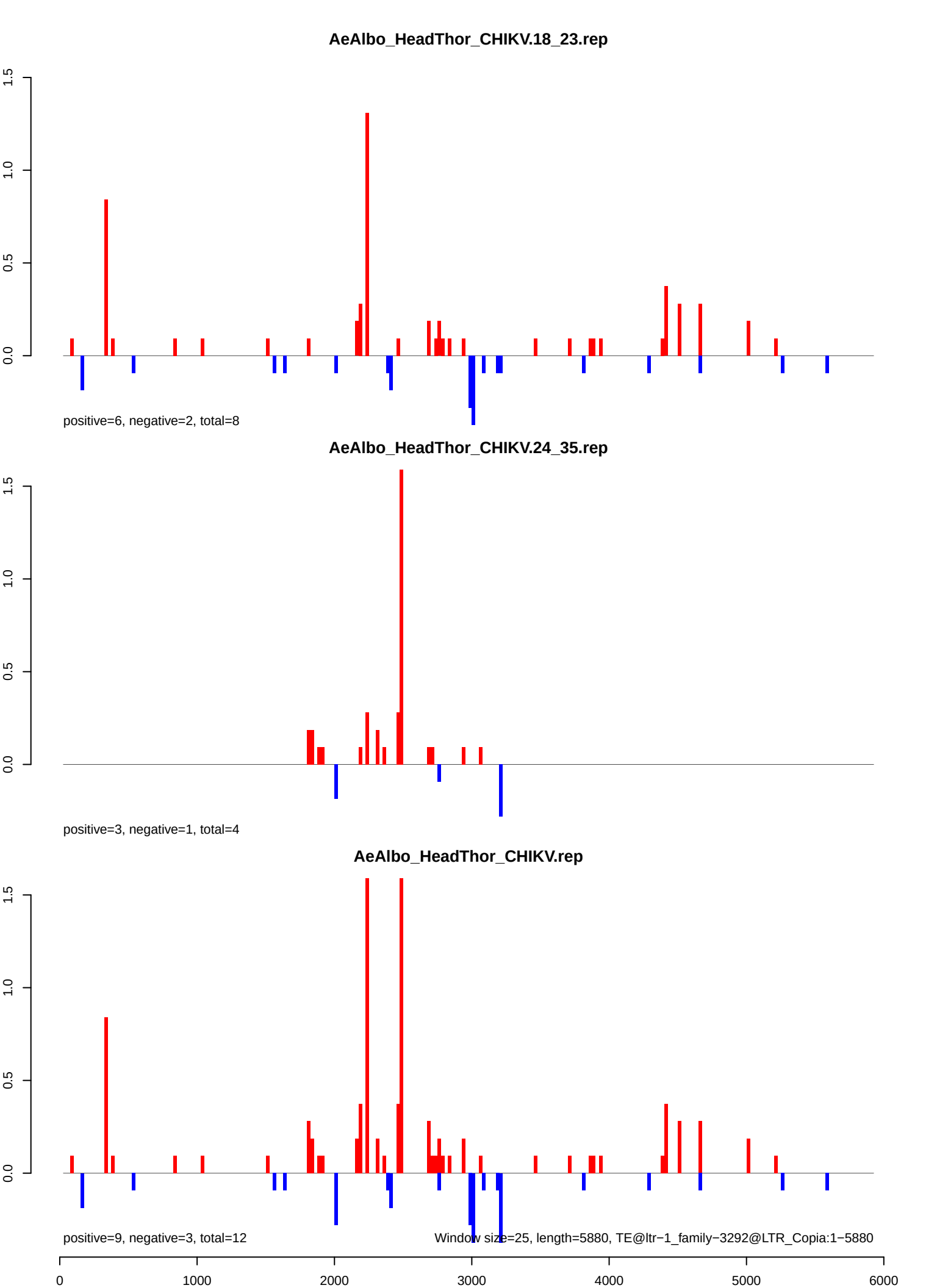

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=4, negative=19, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=4, negative=19, total=22
Window size=25, length=10633, TE@ltr−1_family−3620@LTR_Copia:1−10633
0
2000
4000
6000
8000
10000

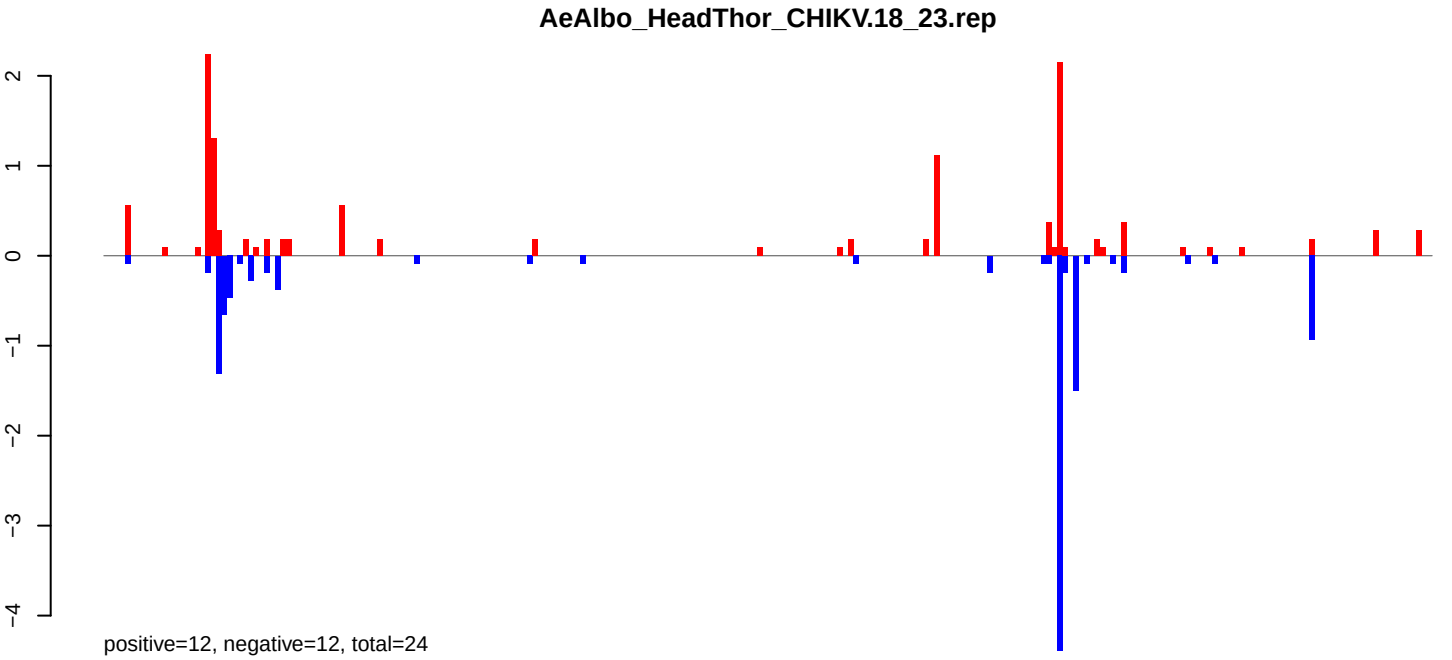

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=2, negative=7, total=9

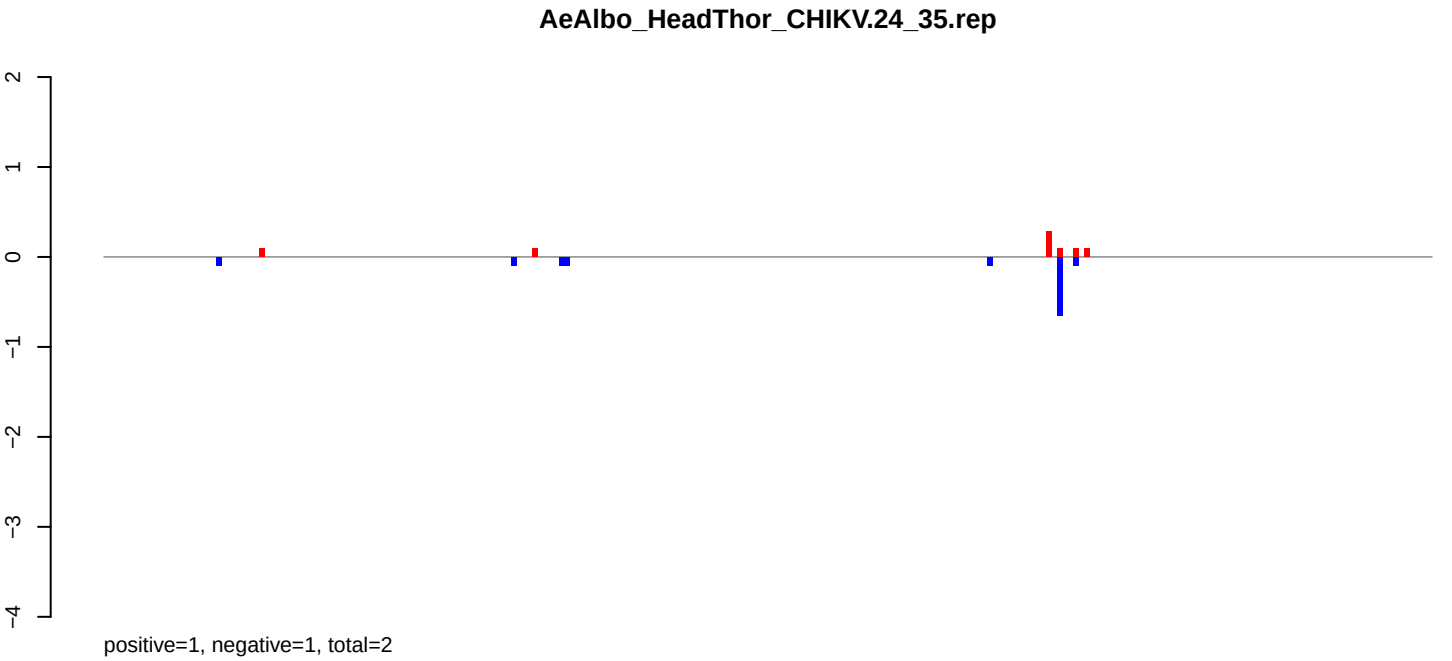

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=1, total=1

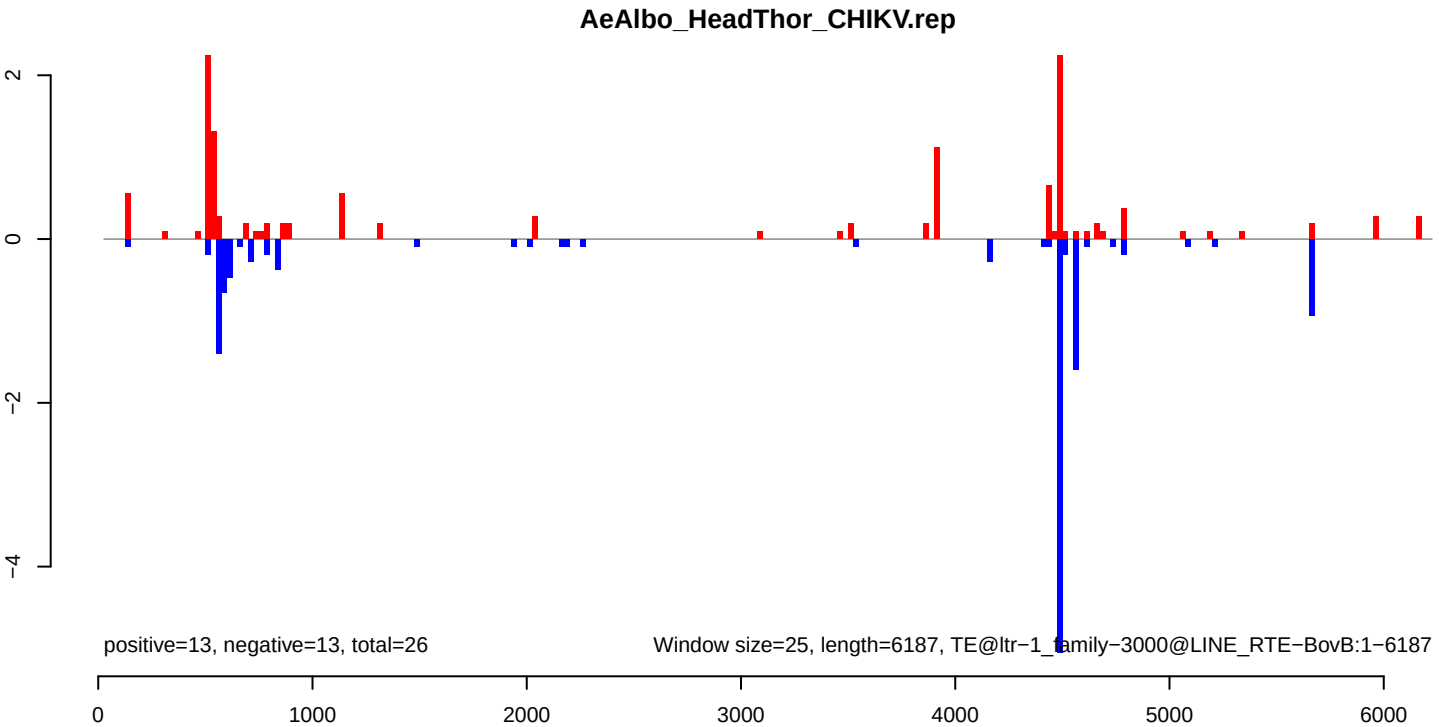

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=2, negative=7, total=9
Window size=25, length=4975, TE@ltr−1_family−3438@LTR_Pao:1−4975
0
1000
2000
3000
4000
5000

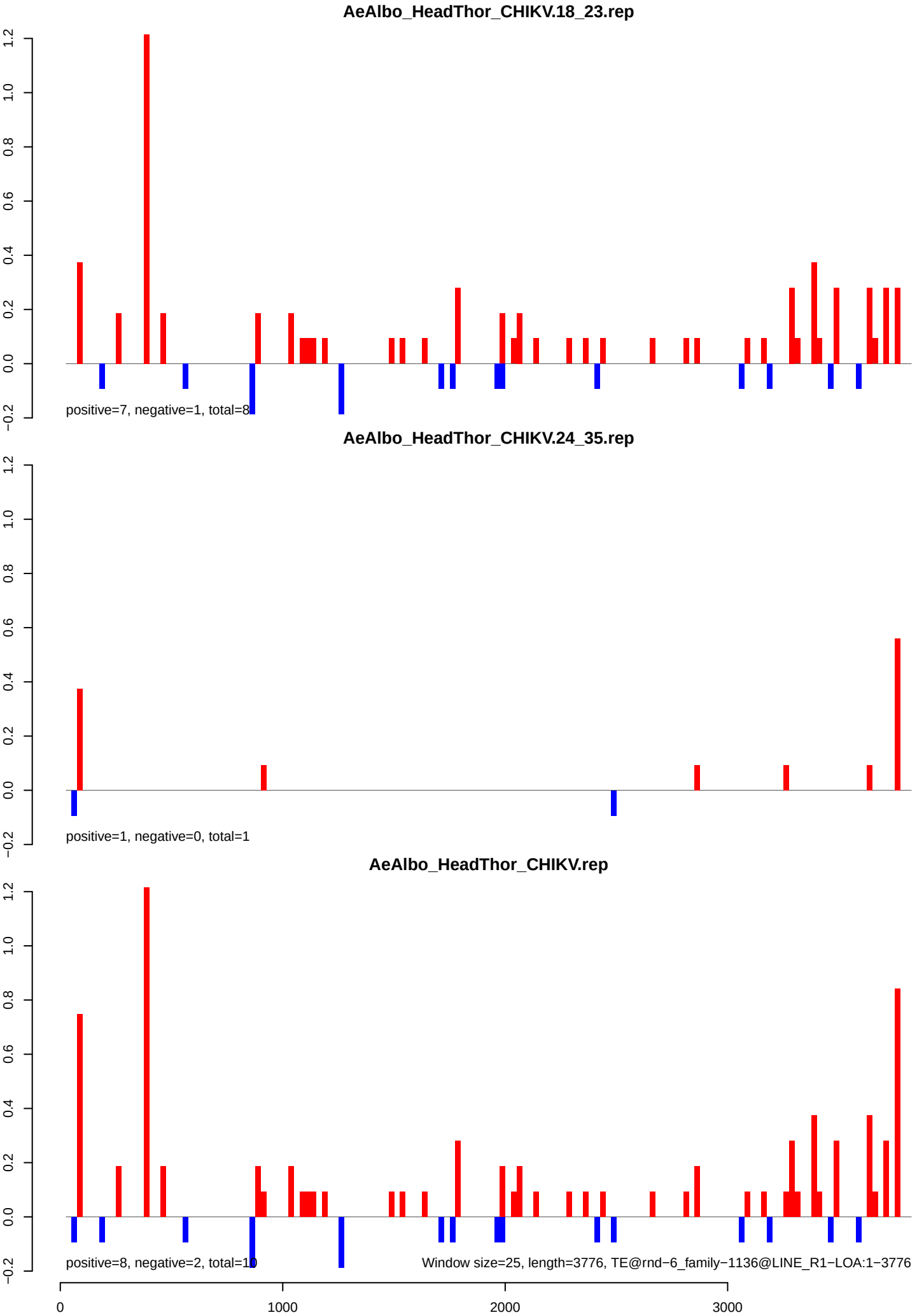

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
positive=16, negative=13, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=17, negative=14, total=31
Window size=25, length=5288, TE@ltr−1_family−3337@LTR_Copia:1−5288
0
1000
2000
3000
4000
5000

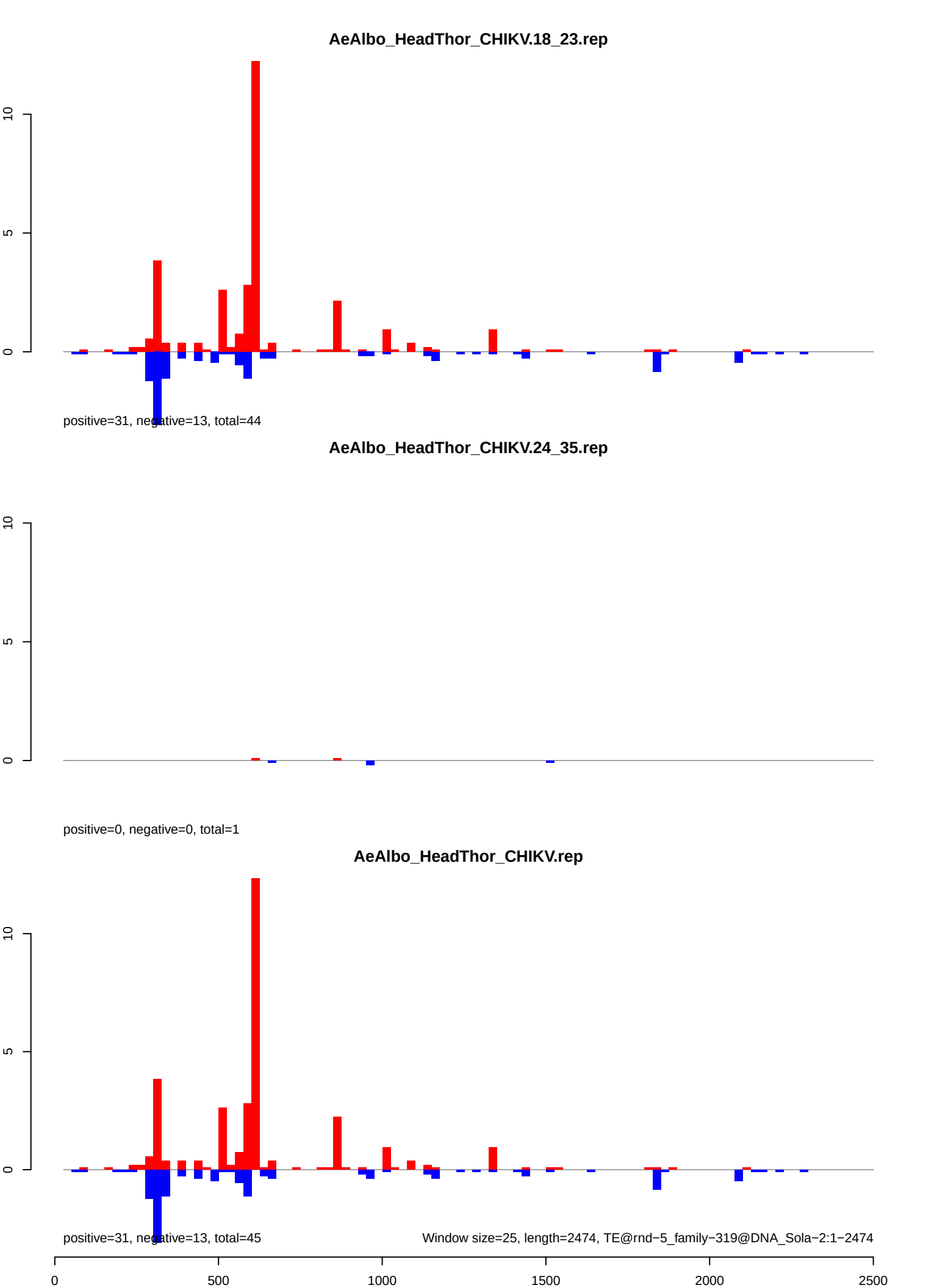

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=6, negative=2, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=9, negative=3, total=12
Window size=25, length=5880, TE@ltr−1_family−3292@LTR_Copia:1−5880
0
1000
2000
3000
4000
5000
6000

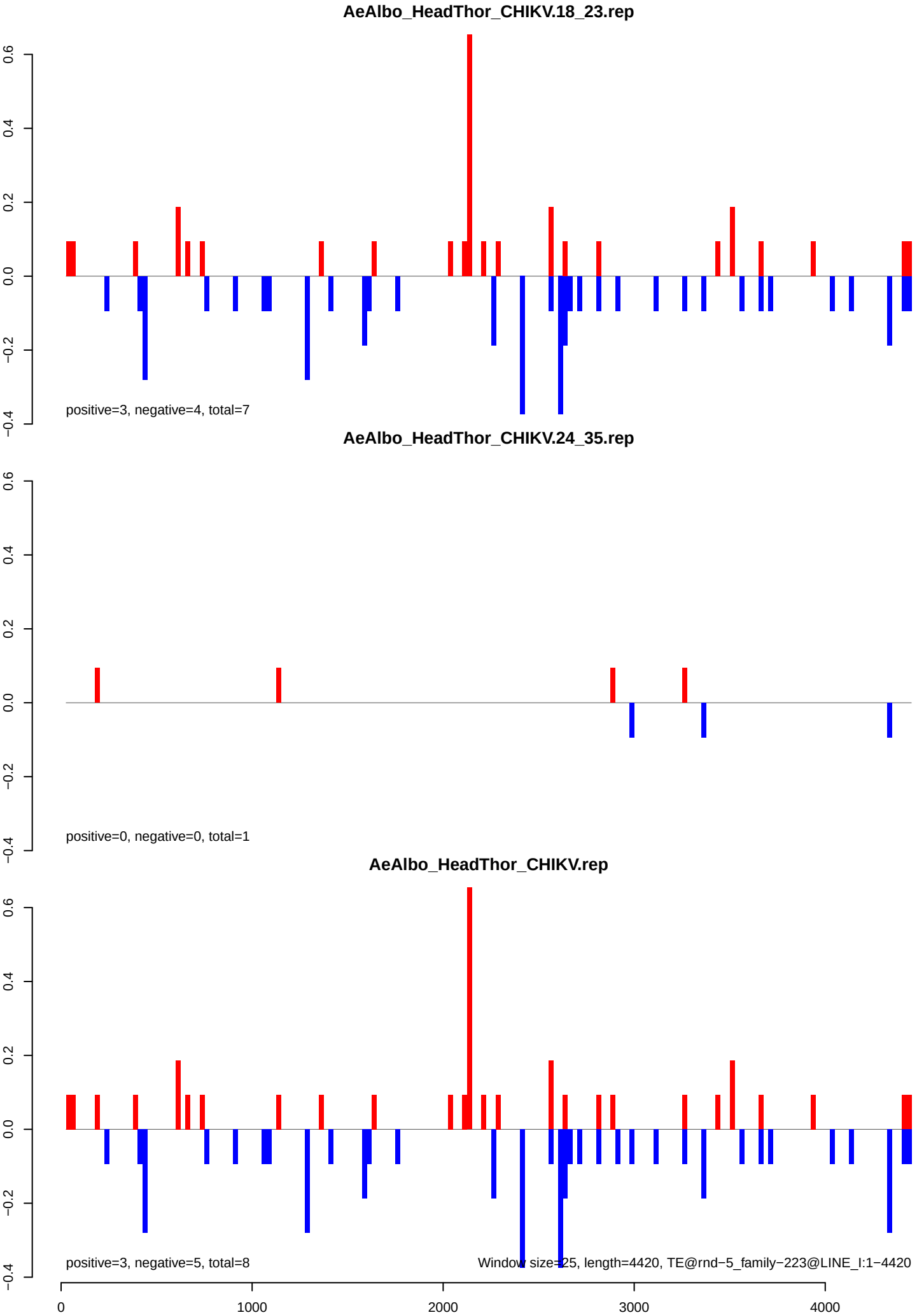

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
−3
−4
positive=12, negative=12, total=24

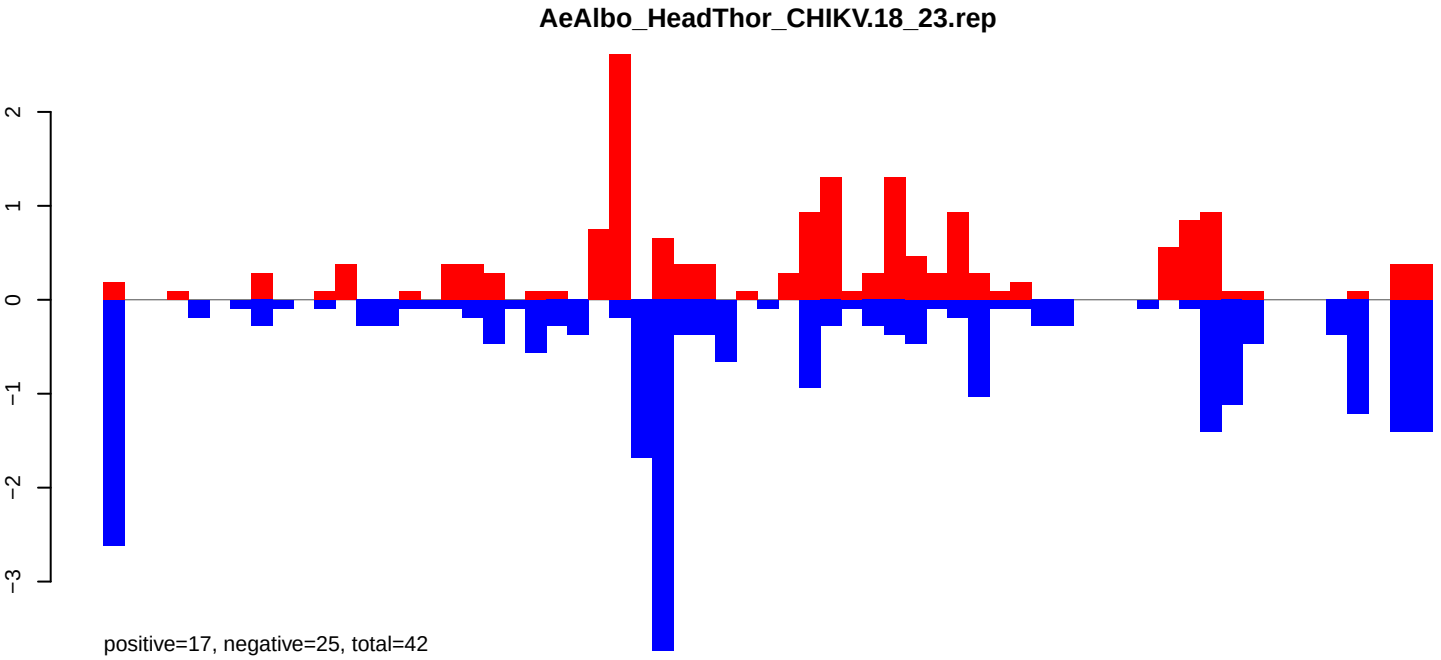

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
−3
−4
positive=1, negative=1, total=2

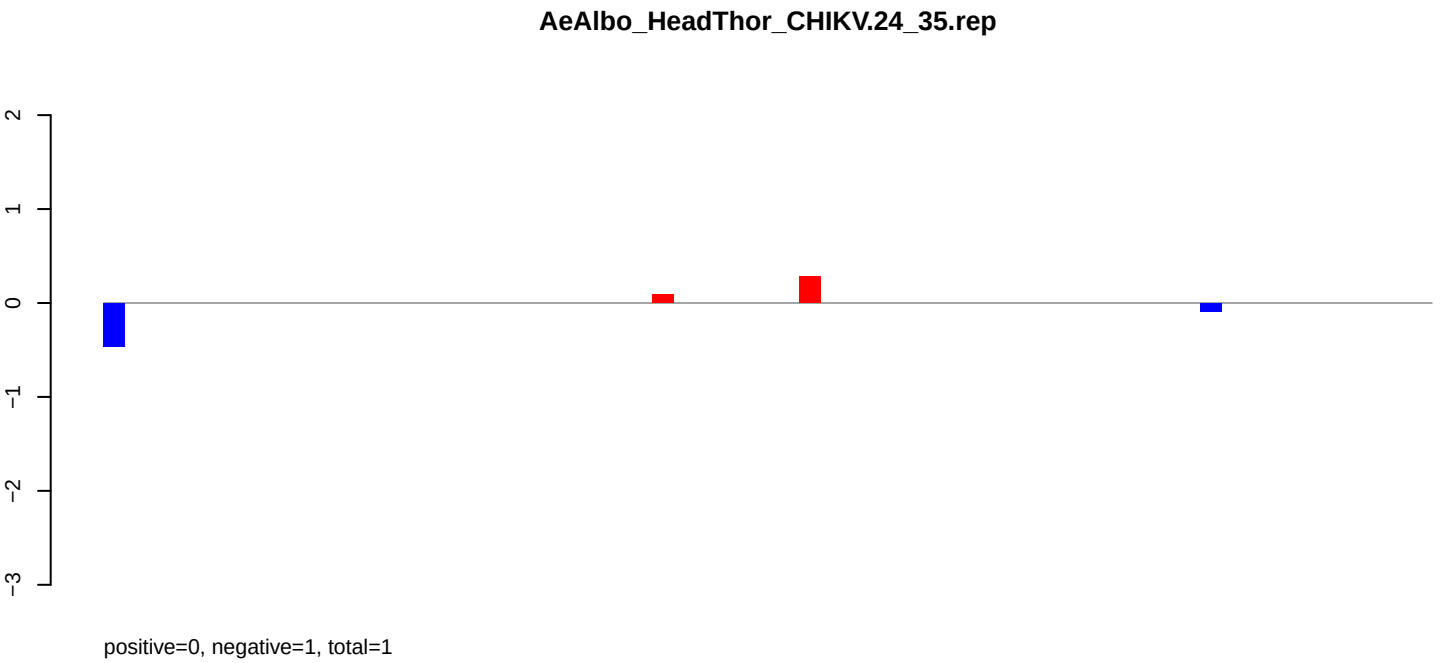

AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
positive=13, negative=13, total=26
Window size=25, length=6187, TE@ltr−1_family−3000@LINE_RTE−BovB:1−6187
0
1000
2000
3000
4000
5000
6000

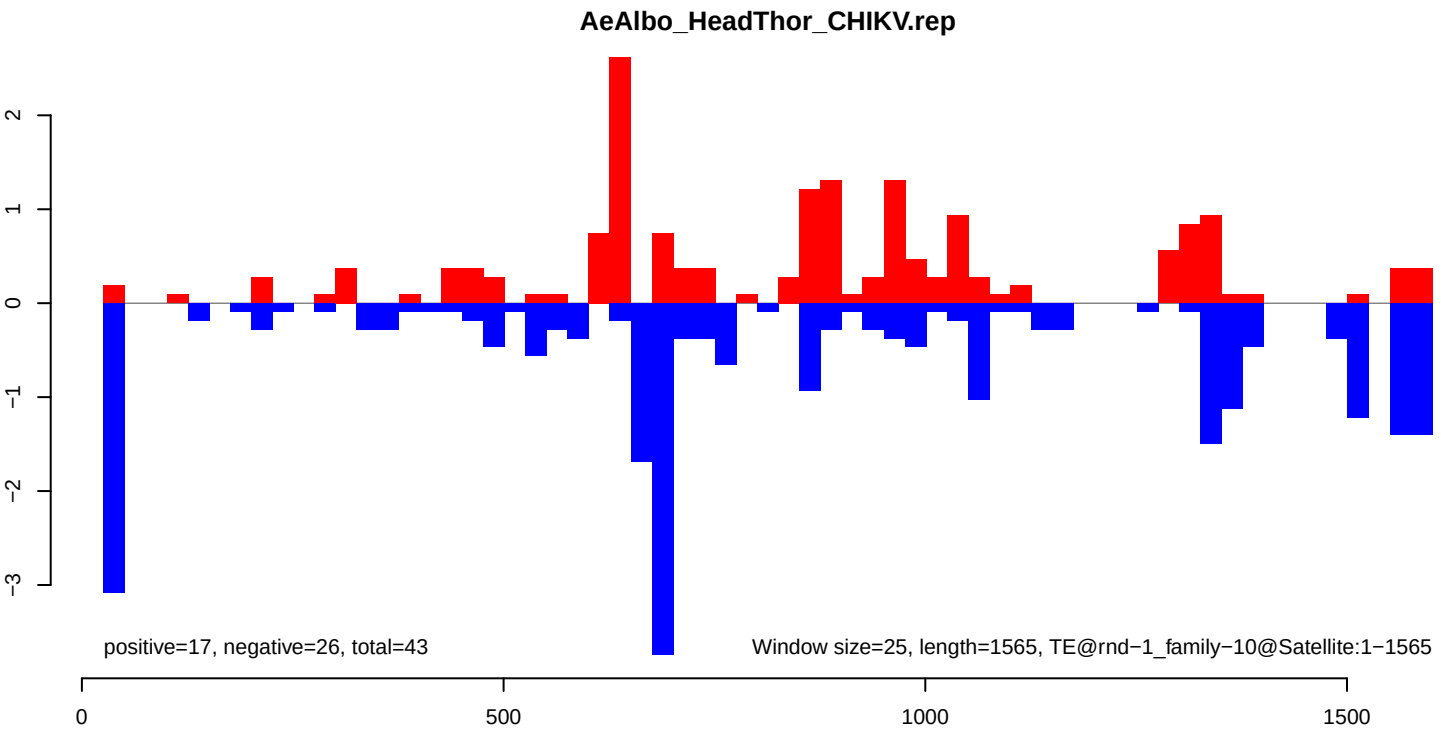

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=1, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=2, total=10
Window size=25, length=3776, TE@rnd−6_family−1136@LINE_R1−LOA:1−3776
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
1000
2000
3000

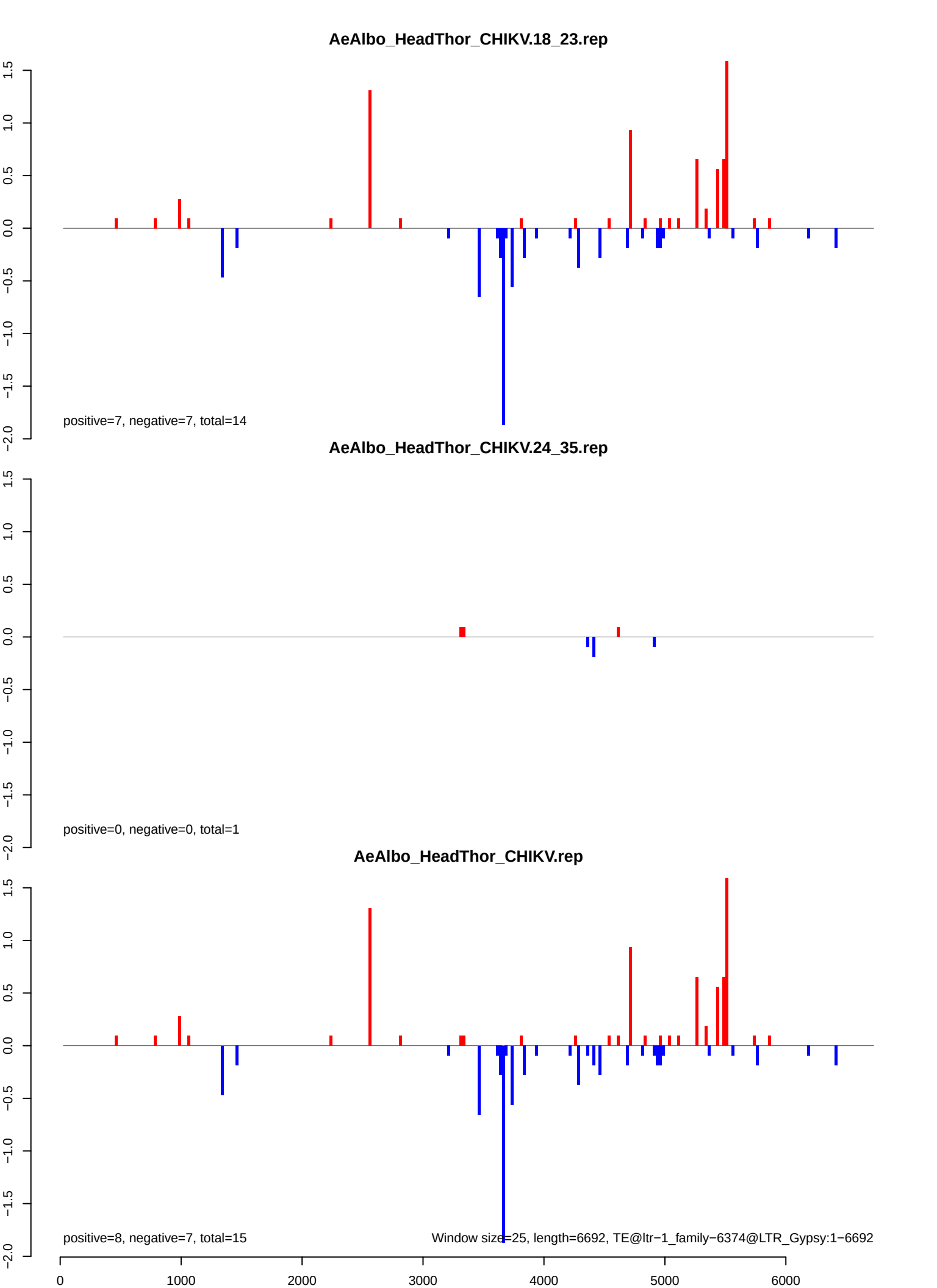

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=31, negative=13, total=44
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=31, negative=13, total=45
Window size=25, length=2474, TE@rnd−5_family−319@DNA_Sola−2:1−2474
0
5
10
0
500
1000
1500
2000
2500

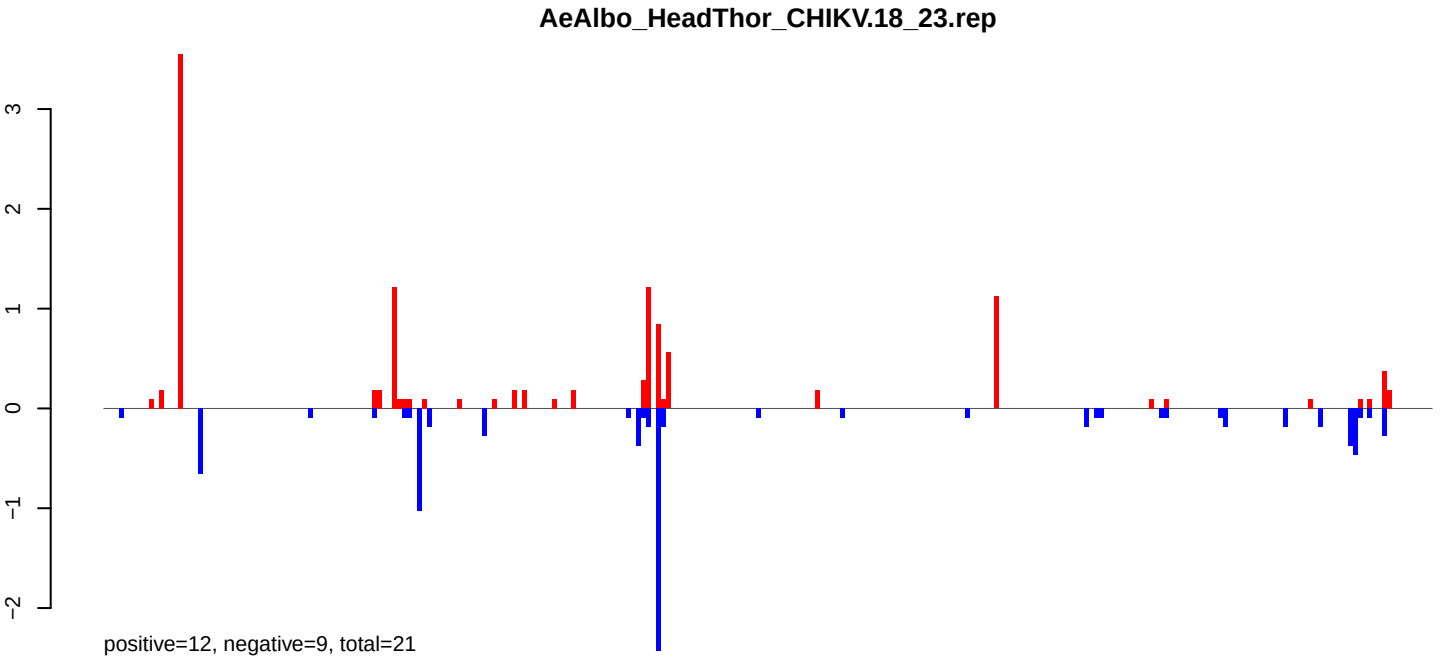

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=5, total=8
Window size=25, length=4420, TE@rnd−5_family−223@LINE_I:1−4420
0.6
0.4
0.2
0.0
−0.2
−0.4
0
1000
2000
3000
4000

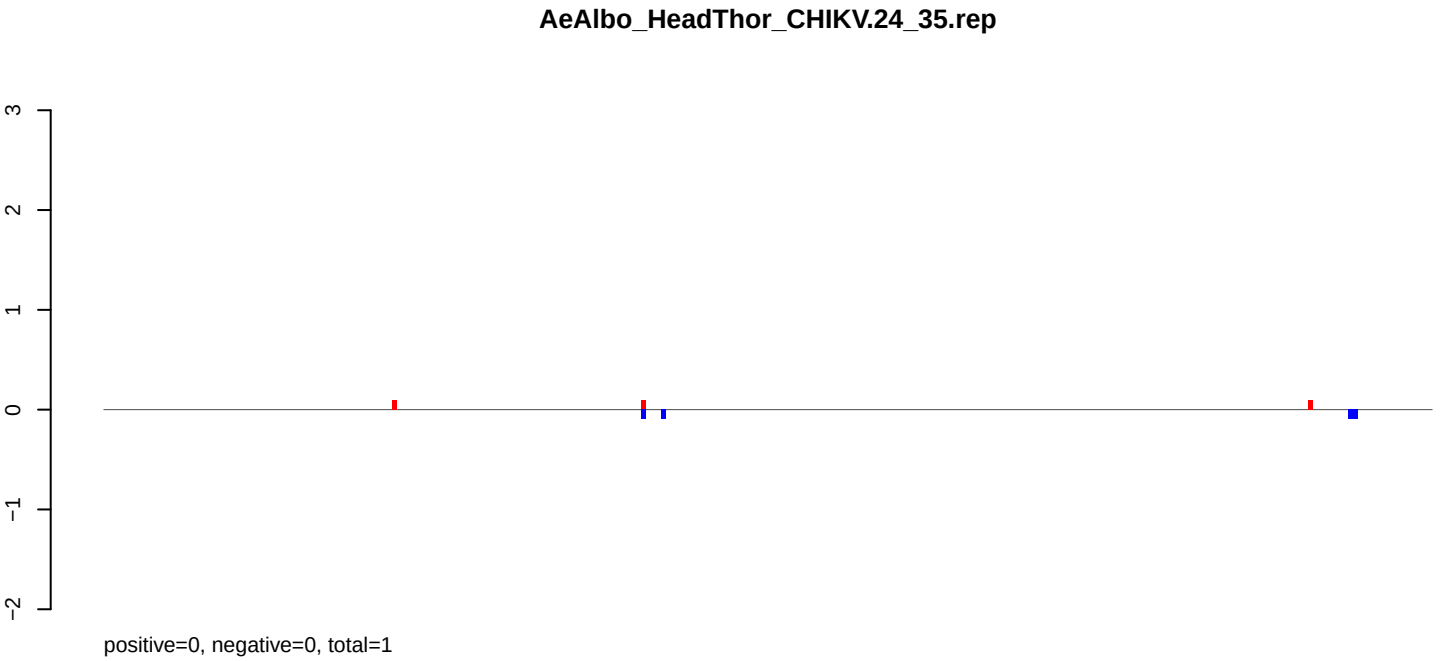

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
−3
positive=17, negative=25, total=42

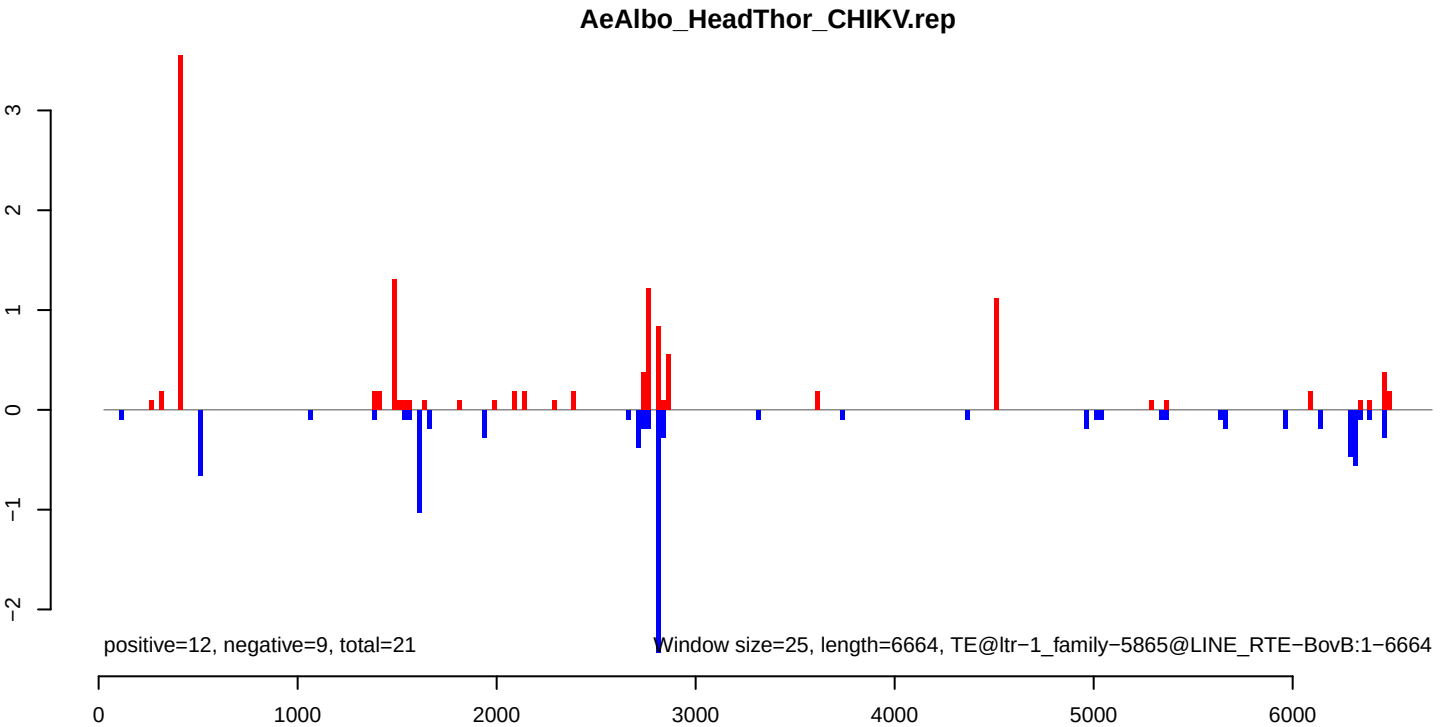

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
−3
positive=0, negative=1, total=1

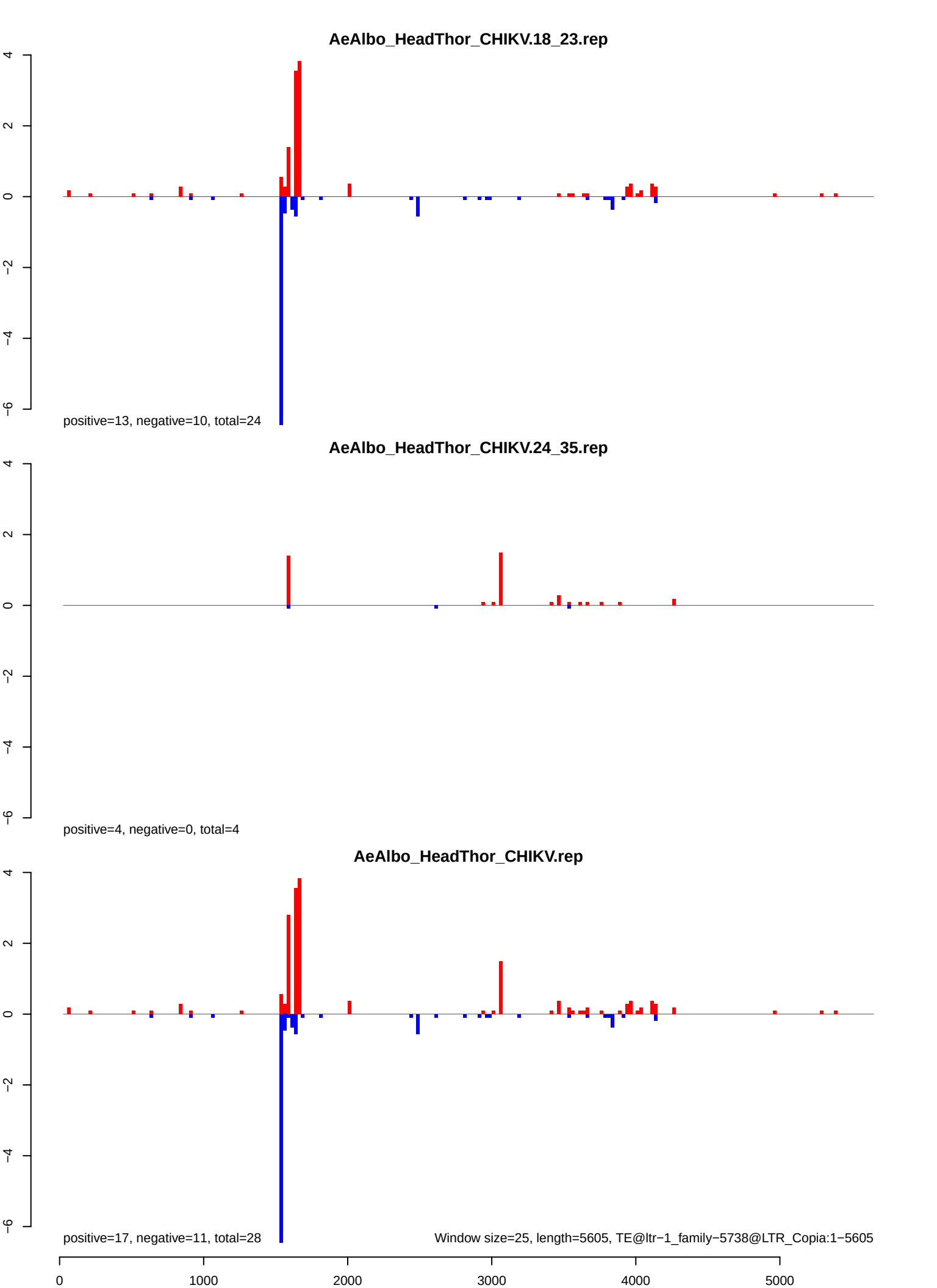

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
−3
positive=17, negative=26, total=43
Window size=25, length=1565, TE@rnd−1_family−10@Satellite:1−1565
0
500
1000
1500

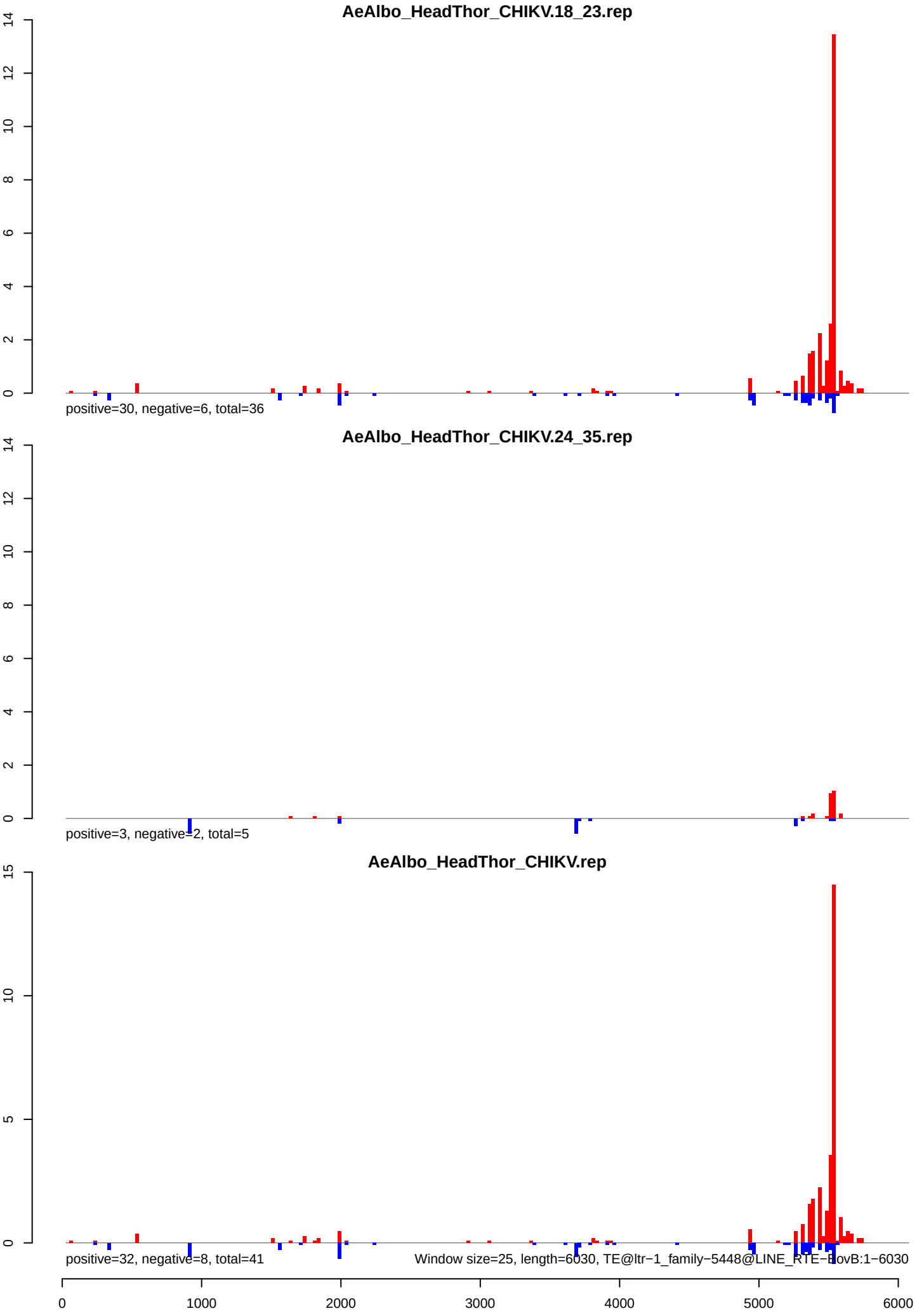

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=7, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=7, total=15
Window size=25, length=6692, TE@ltr−1_family−6374@LTR_Gypsy:1−6692
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
0
1000
2000
3000
4000
5000
6000

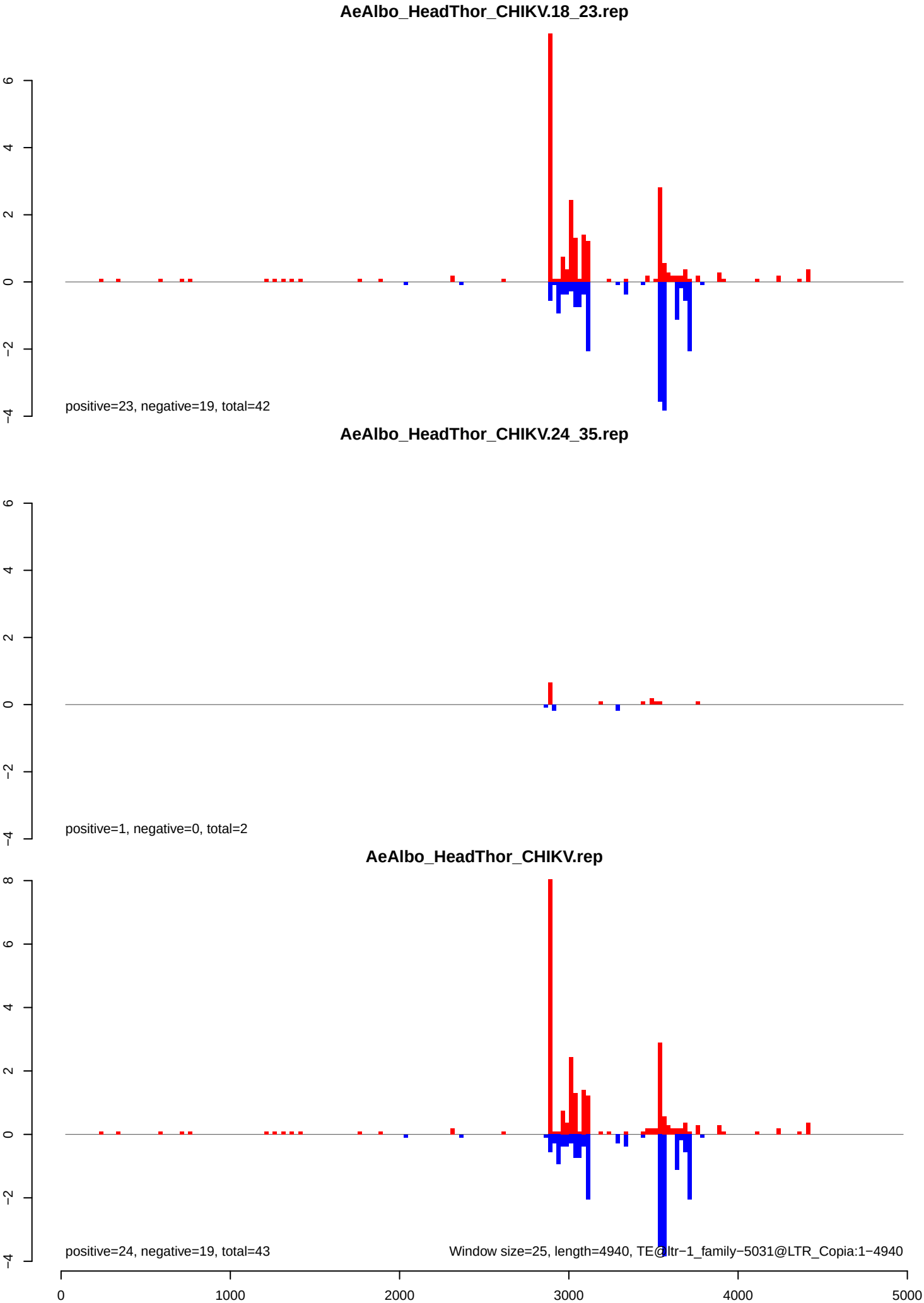

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
−2
positive=12, negative=9, total=21

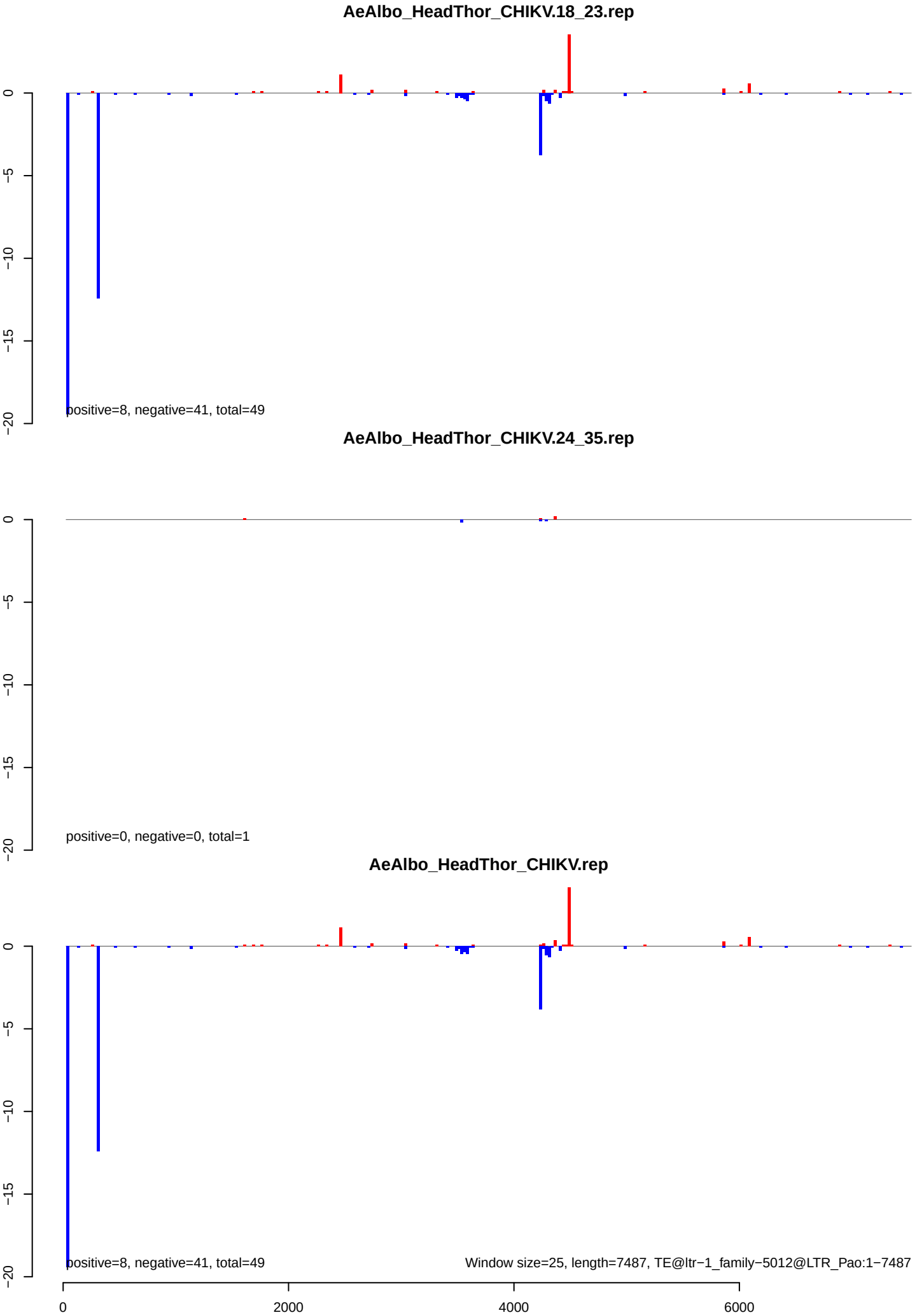

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
−2
positive=0, negative=0, total=1

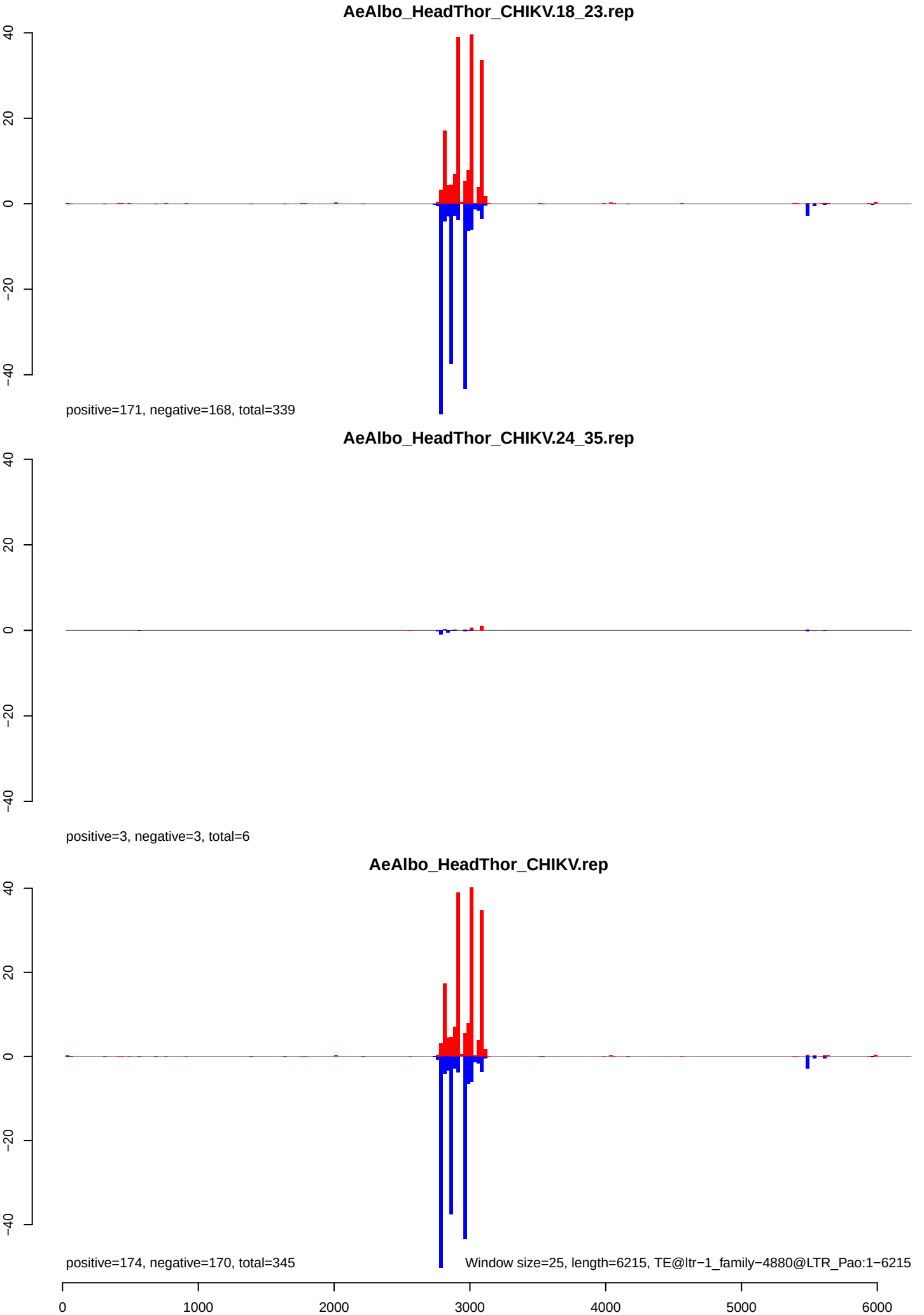

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
−2
positive=12, negative=9, total=21
Window size=25, length=6664, TE@ltr−1_family−5865@LINE_RTE−BovB:1−6664
0
1000
2000
3000
4000
5000
6000

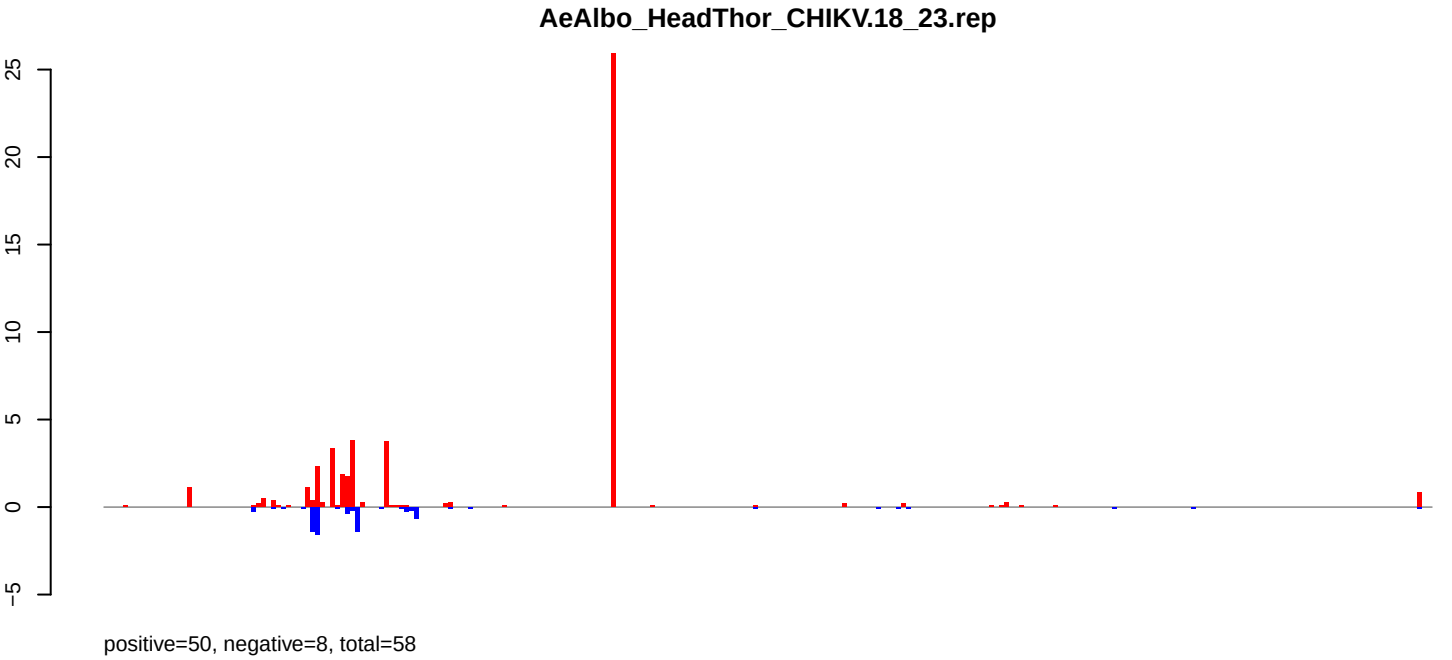

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=13, negative=10, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=0, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=17, negative=11, total=28
Window size=25, length=5605, TE@ltr−1_family−5738@LTR_Copia:1−5605
4
2
0
−2
−4
−6
0
1000
2000
3000
4000
5000

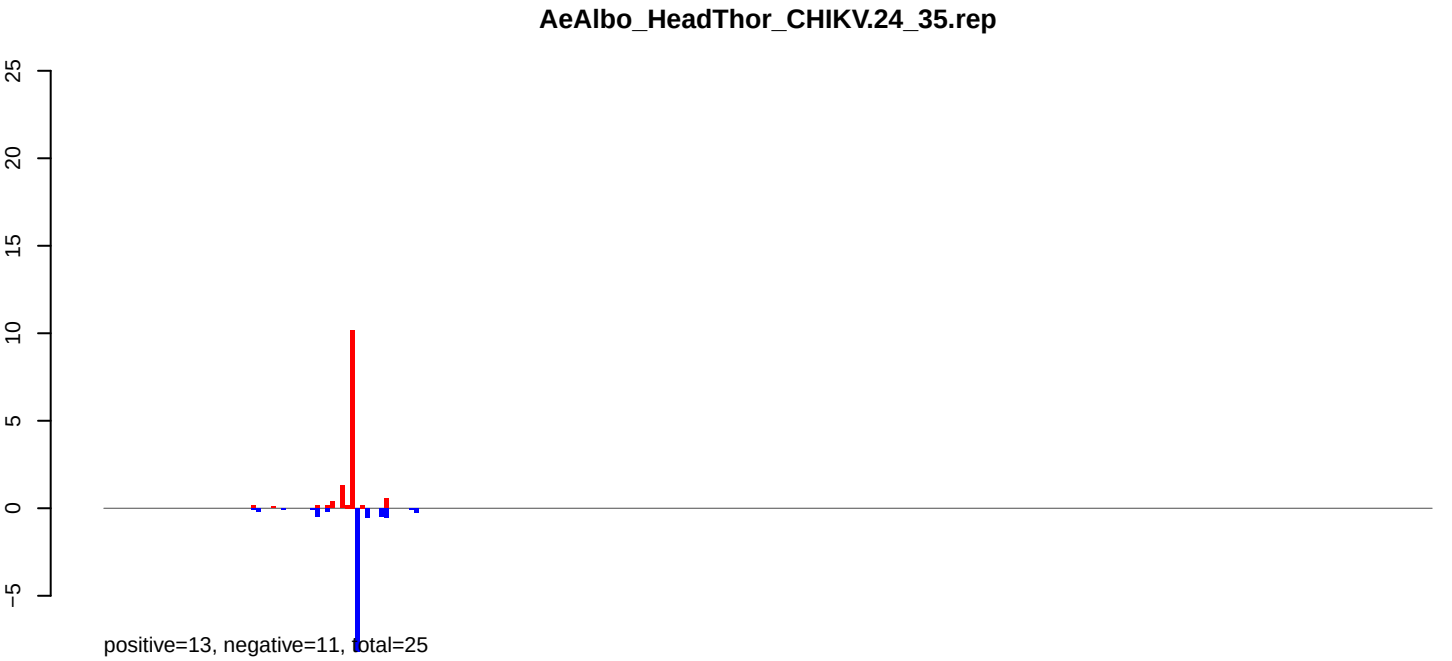

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=30, negative=6, total=36
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=32, negative=8, total=41
Window size=25, length=6030, TE@ltr−1_family−5448@LINE_RTE−BovB:1−6030
0
1000
2000
3000
4000
5000
6000

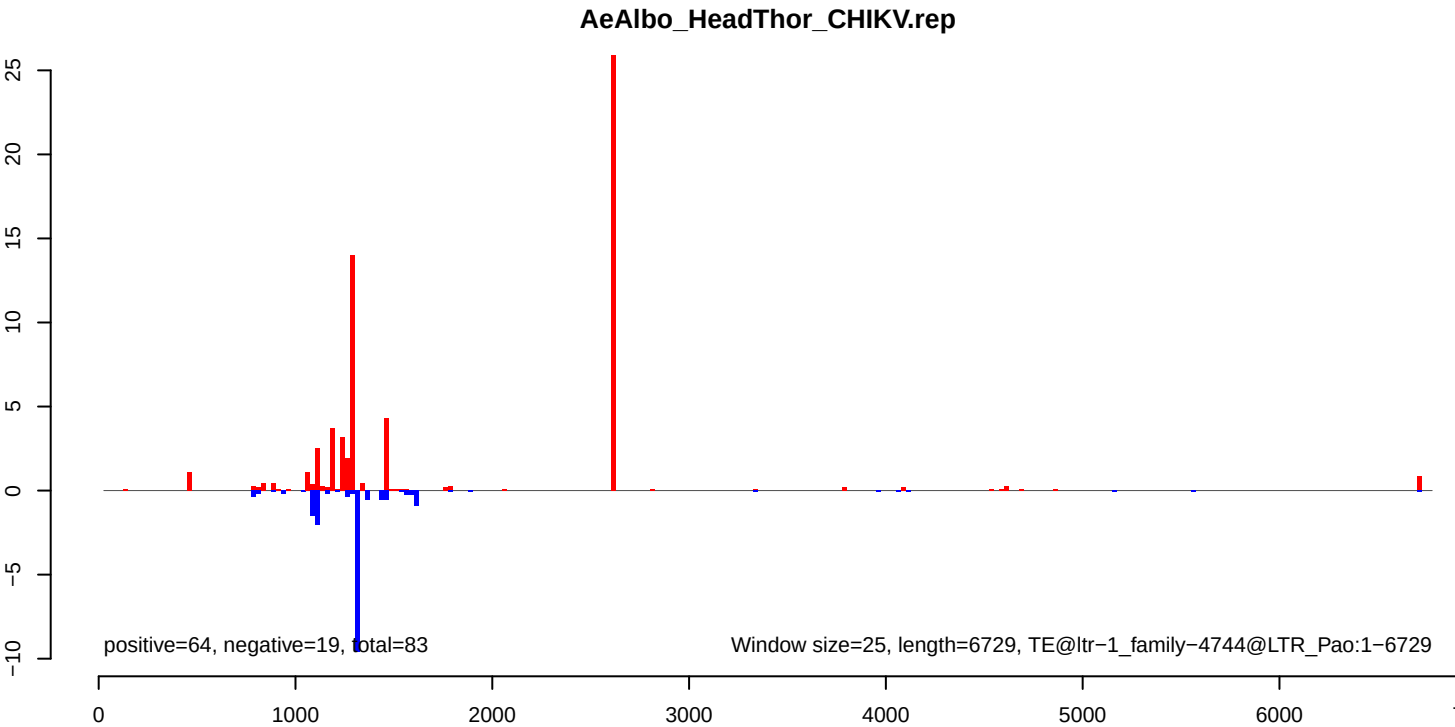

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=23, negative=19, total=42
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=24, negative=19, total=43
Window size=25, length=4940, TE@ltr−1_family−5031@LTR_Copia:1−4940
0
1000
2000
3000
4000
5000

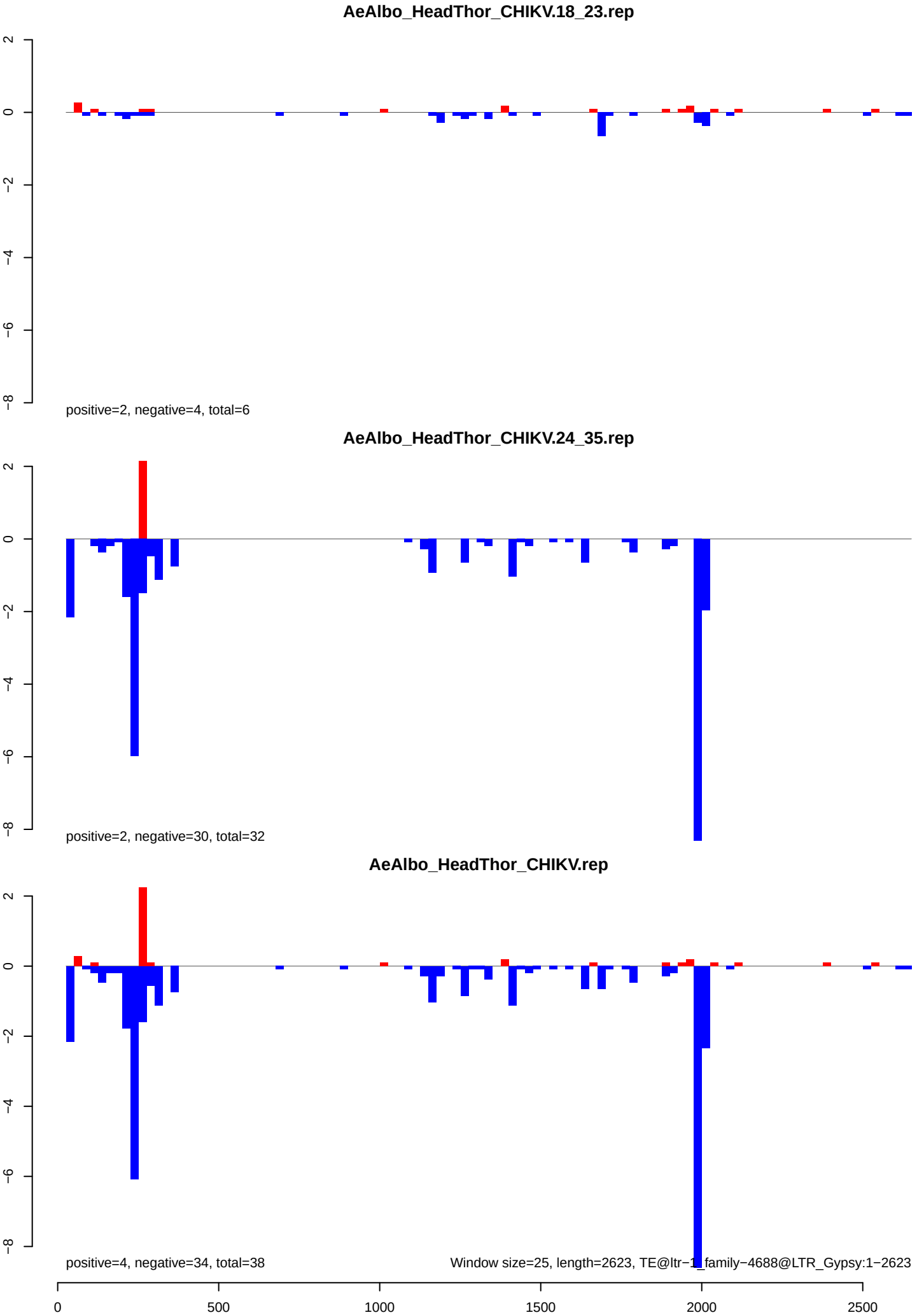

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=8, negative=41, total=49
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=8, negative=41, total=49
Window size=25, length=7487, TE@ltr−1_family−5012@LTR_Pao:1−7487
0
2000
4000
6000

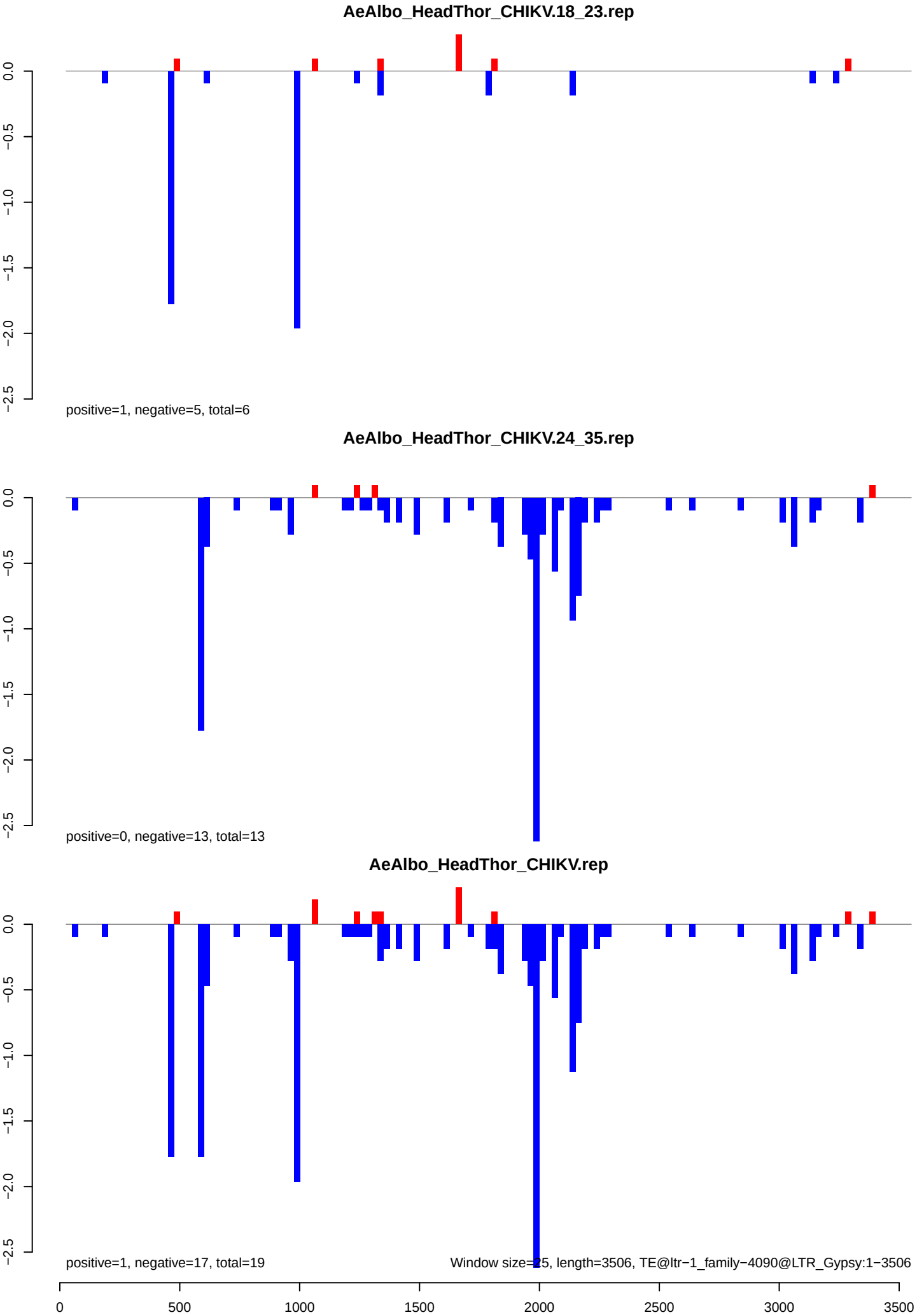

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=171, negative=168, total=339
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=174, negative=170, total=345
Window size=25, length=6215, TE@ltr−1_family−4880@LTR_Pao:1−6215
40
20
0
−20
−40
0
1000
2000
3000
4000
5000
6000

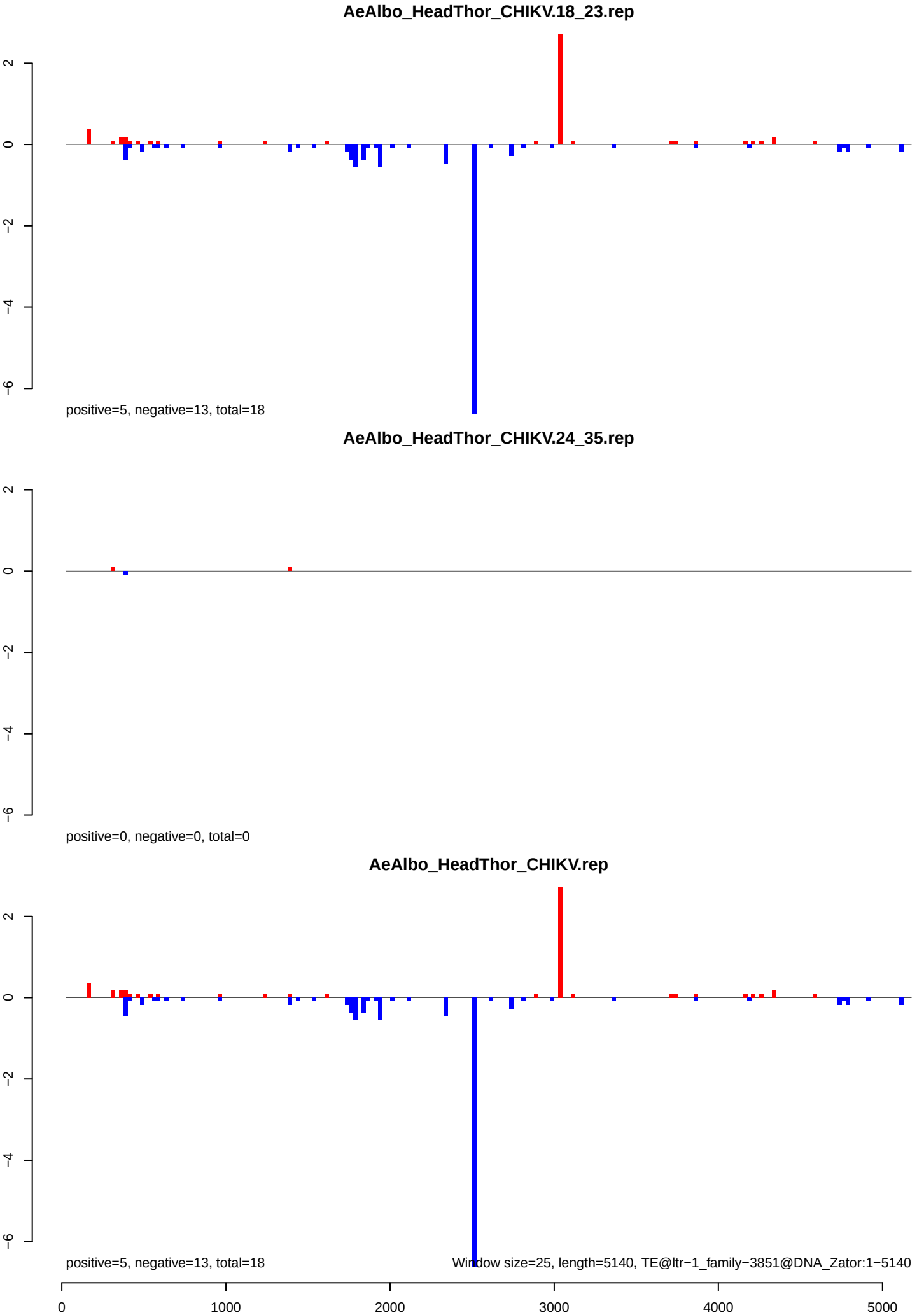

AeAlbo_HeadThor_CHIKV.18_23.rep
25
20
15
10
5
0
−5
positive=50, negative=8, total=58

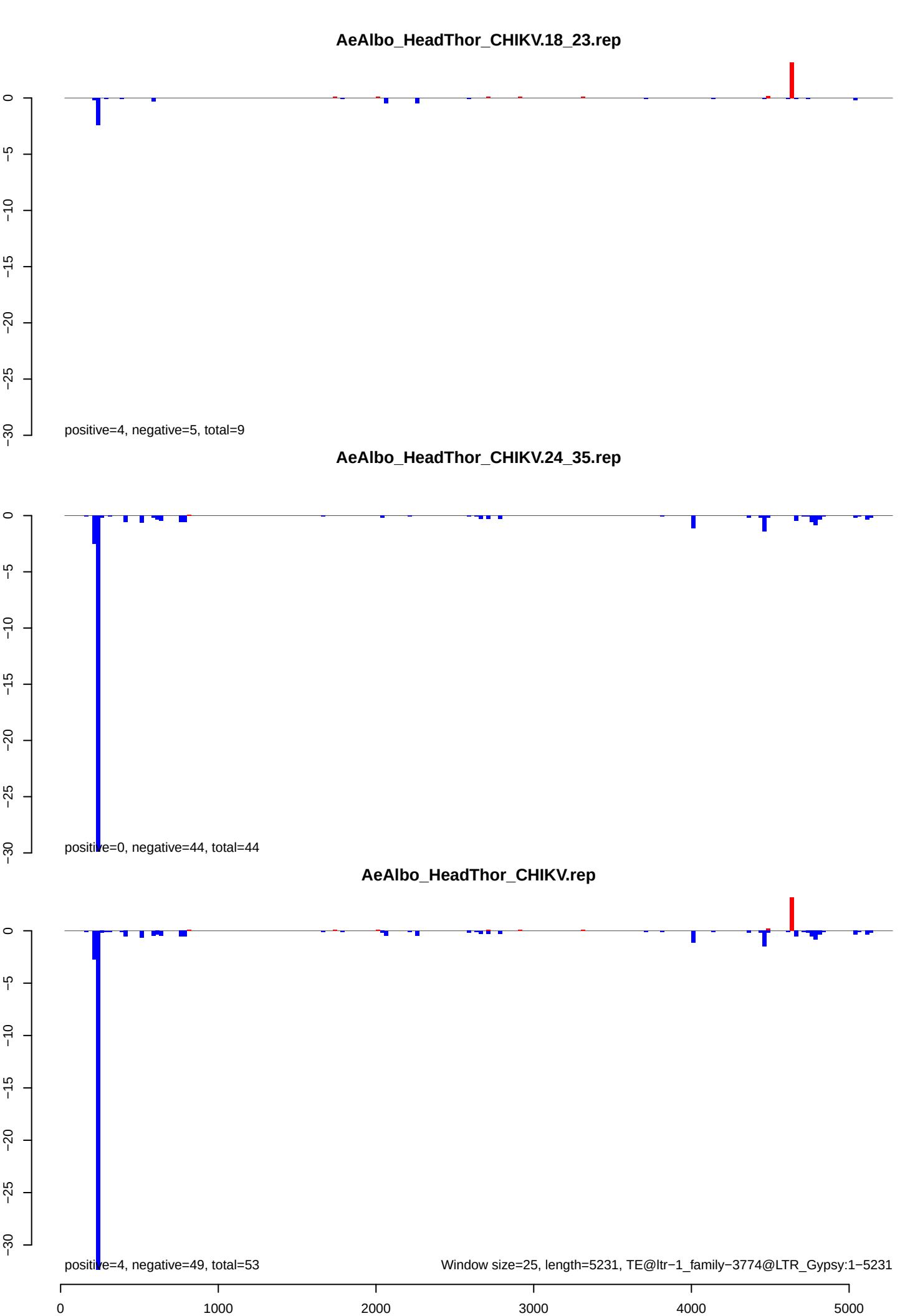

AeAlbo_HeadThor_CHIKV.24_35.rep
25
20
15
10
5
0
−5
positive=13, negative=11, total=25

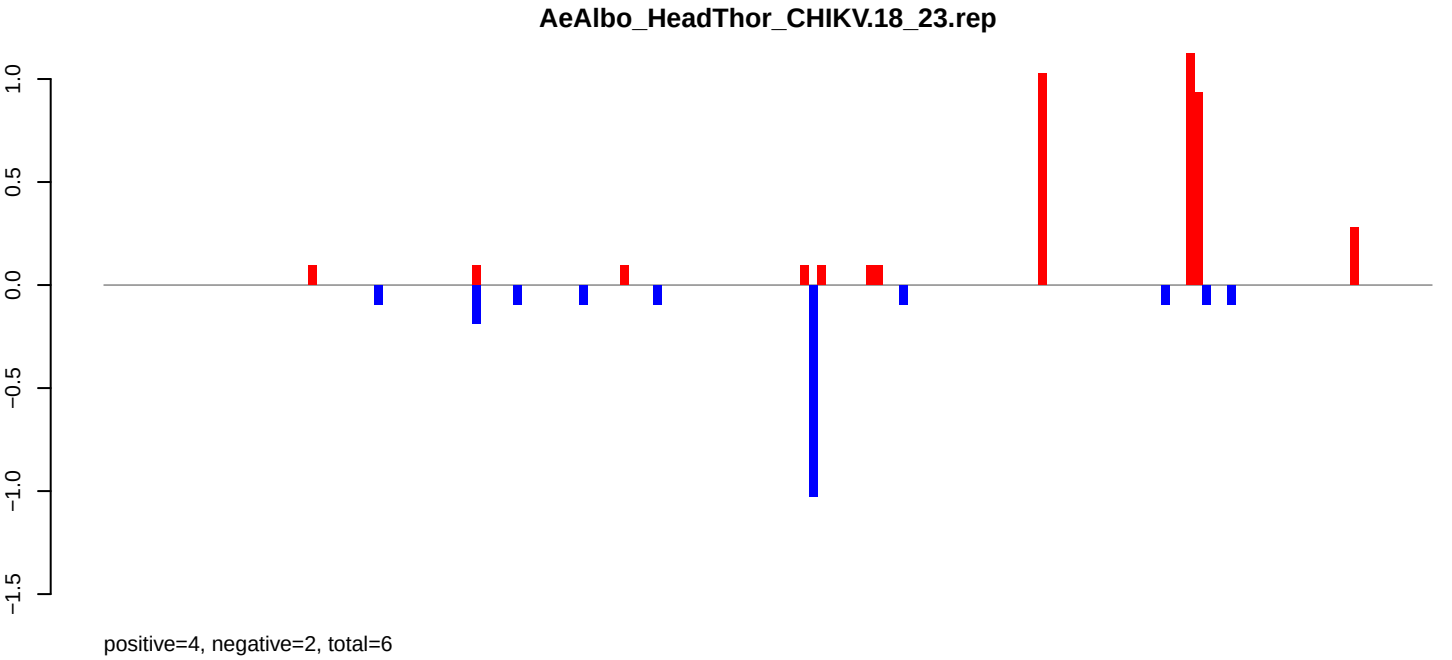

AeAlbo_HeadThor_CHIKV.rep
25
20
15
10
5
0
−5
−10
positive=64, negative=19, total=83
Window size=25, length=6729, TE@ltr−1_family−4744@LTR_Pao:1−6729
0
1000
2000
3000
4000
5000
6000
7000

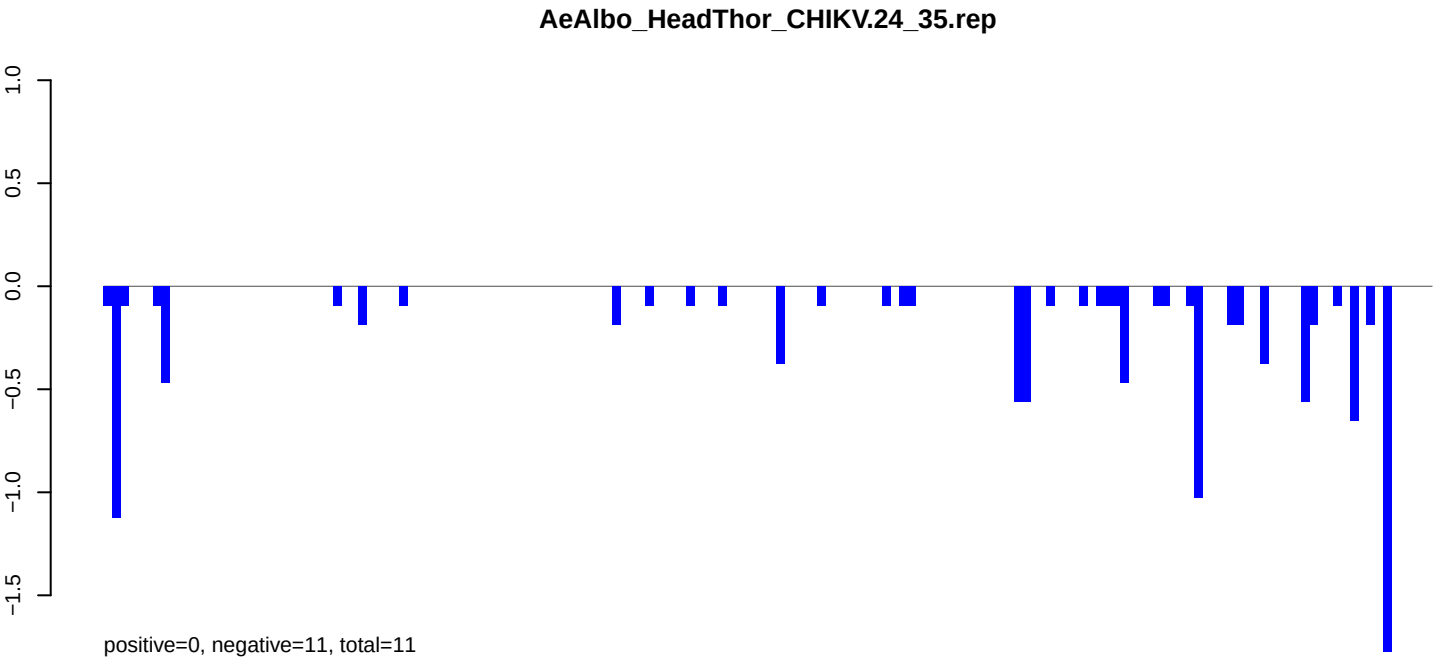

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=30, total=32
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=34, total=38
Window size=25, length=2623, TE@ltr−1_family−4688@LTR_Gypsy:1−2623
2
0
−2
−4
−6
−8
0
500
1000
1500
2000
2500

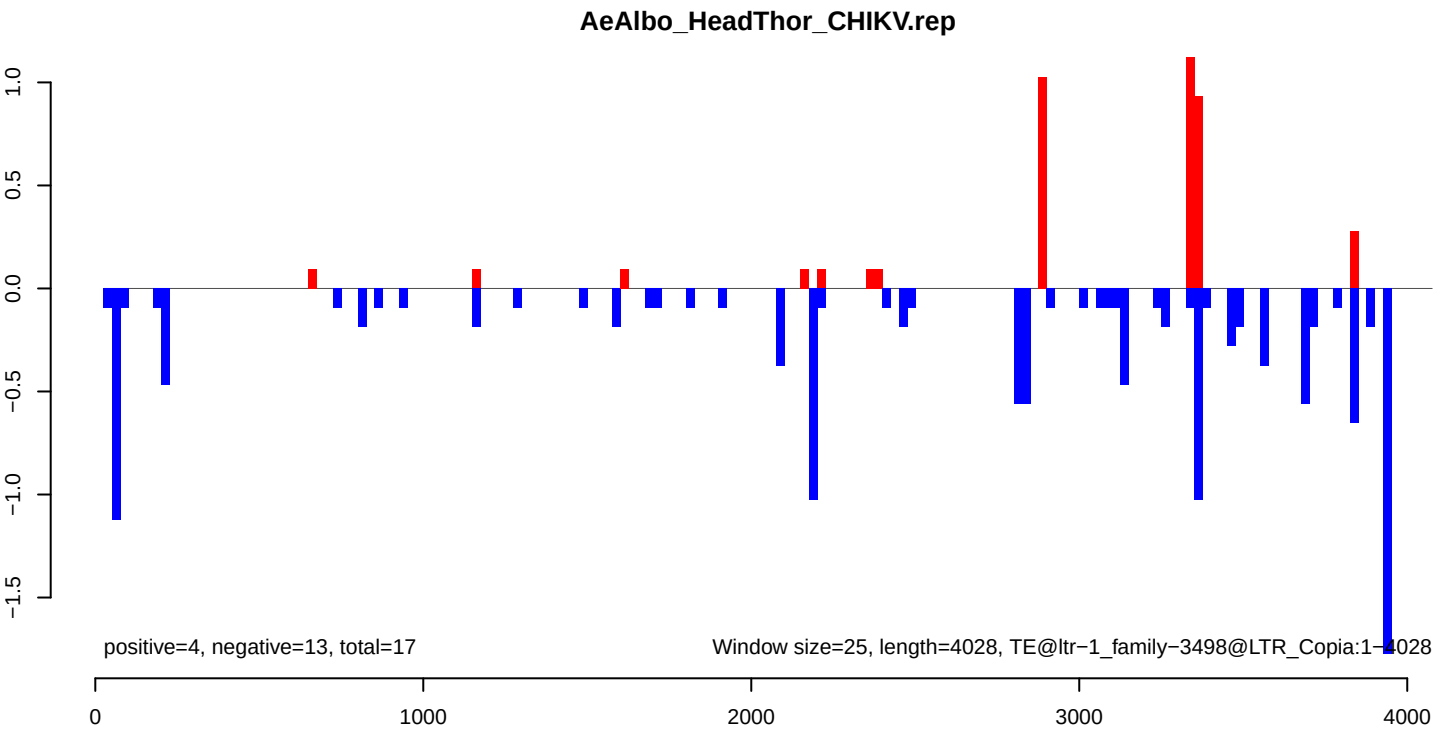

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=13, total=13
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=17, total=19
Window size=25, length=3506, TE@ltr−1_family−4090@LTR_Gypsy:1−3506
0
500
1000
1500
2000
2500
3000
3500

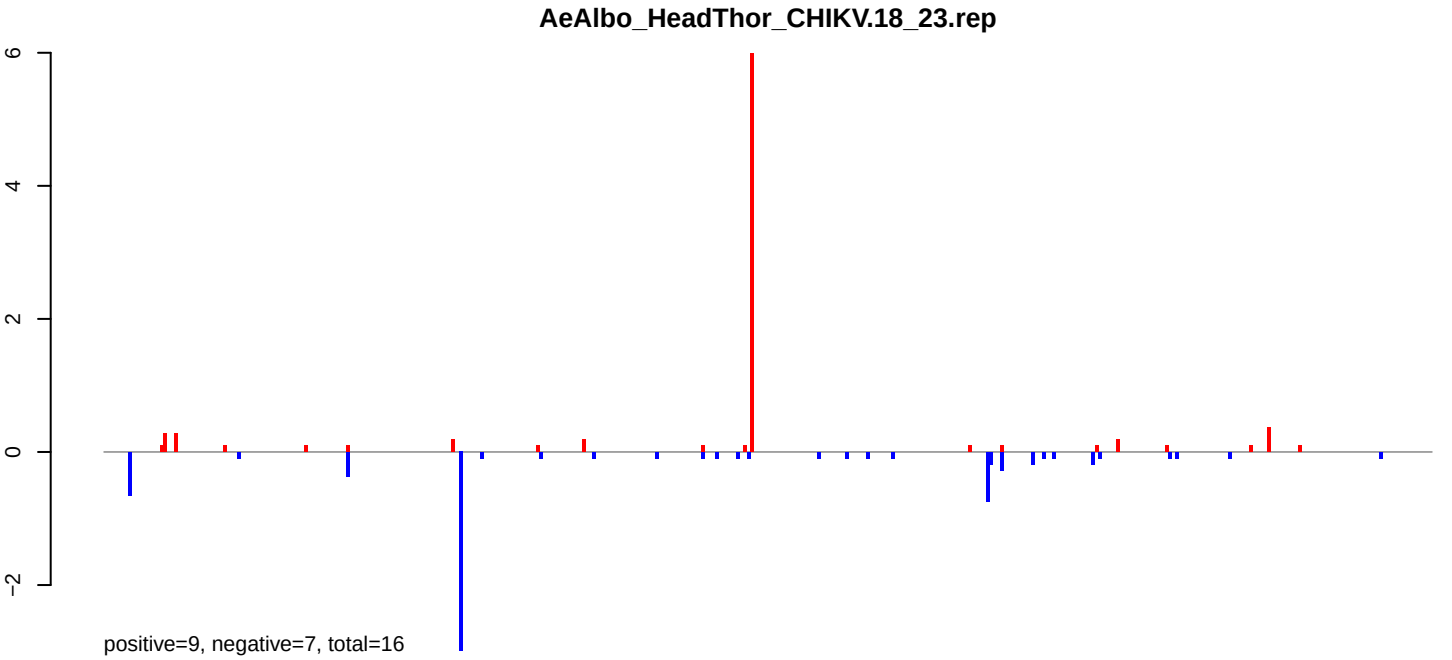

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=13, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=13, total=18
Window size=25, length=5140, TE@ltr−1_family−3851@DNA_Zator:1−5140
2
0
−2
−4
−6
0
1000
2000
3000
4000
5000

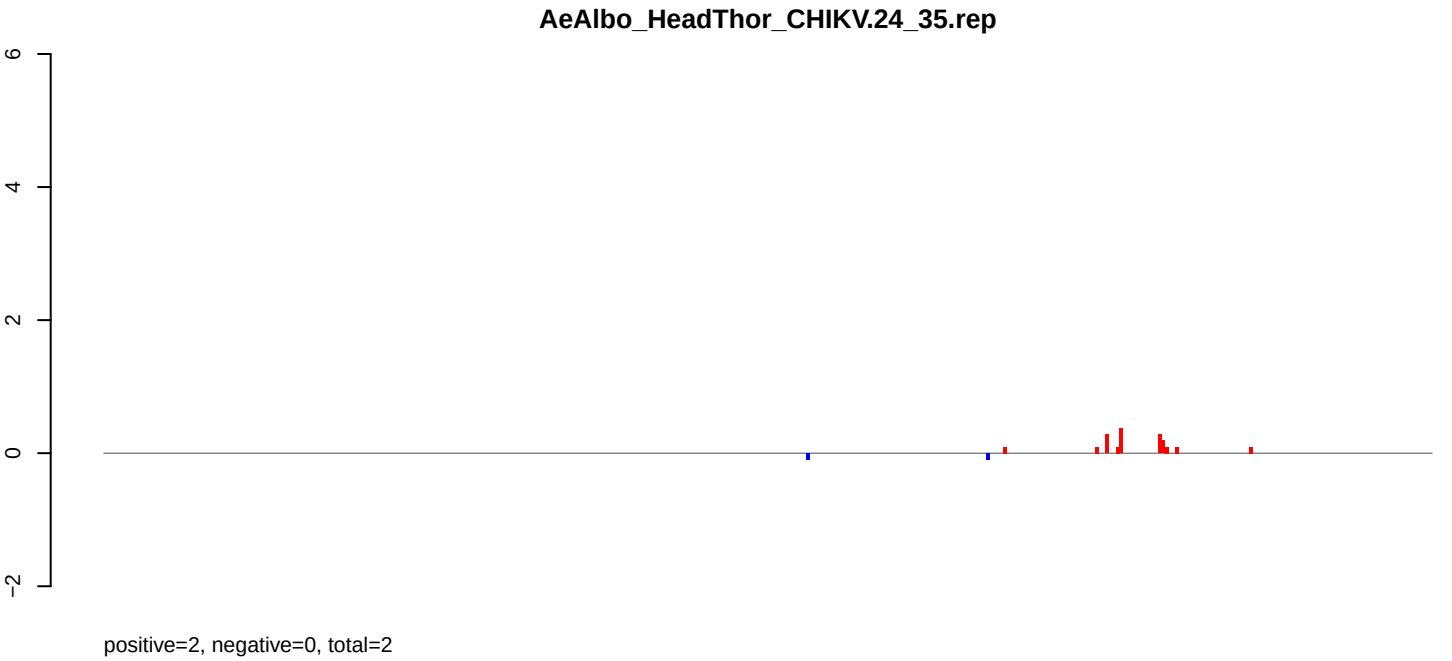

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=4, negative=5, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=44, total=44
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=4, negative=49, total=53
Window size=25, length=5231, TE@ltr−1_family−3774@LTR_Gypsy:1−5231
0
1000
2000
3000
4000
5000

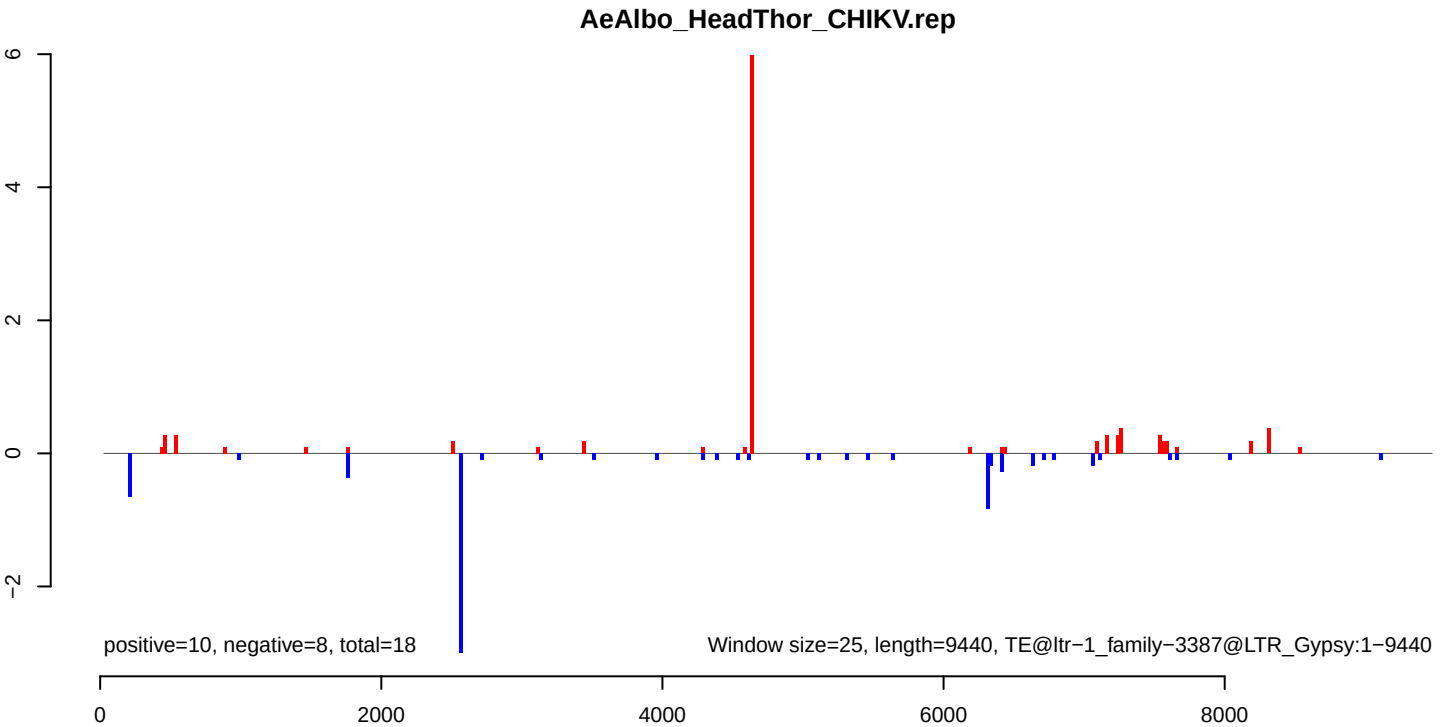

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=2, total=6

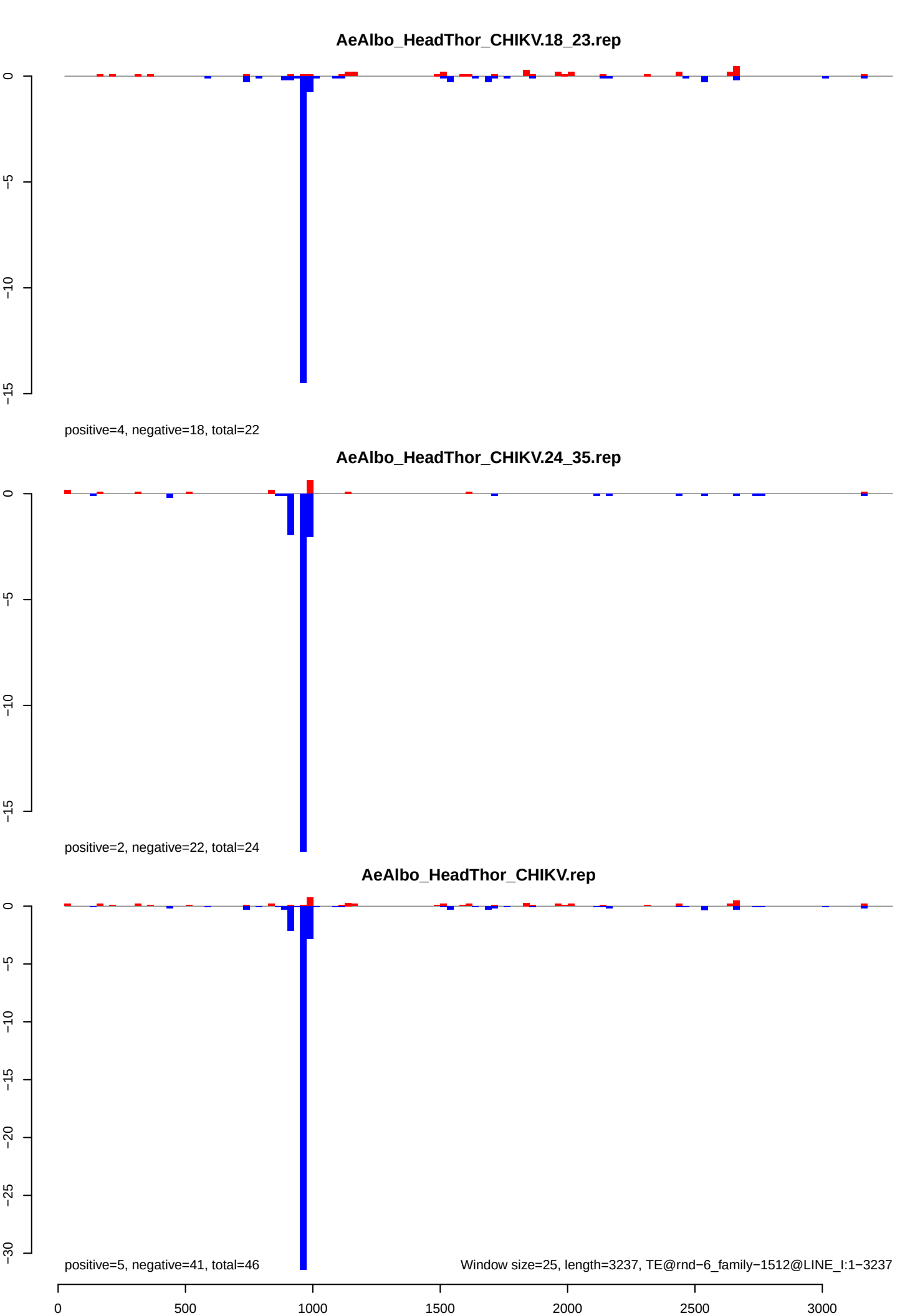

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=11, total=11

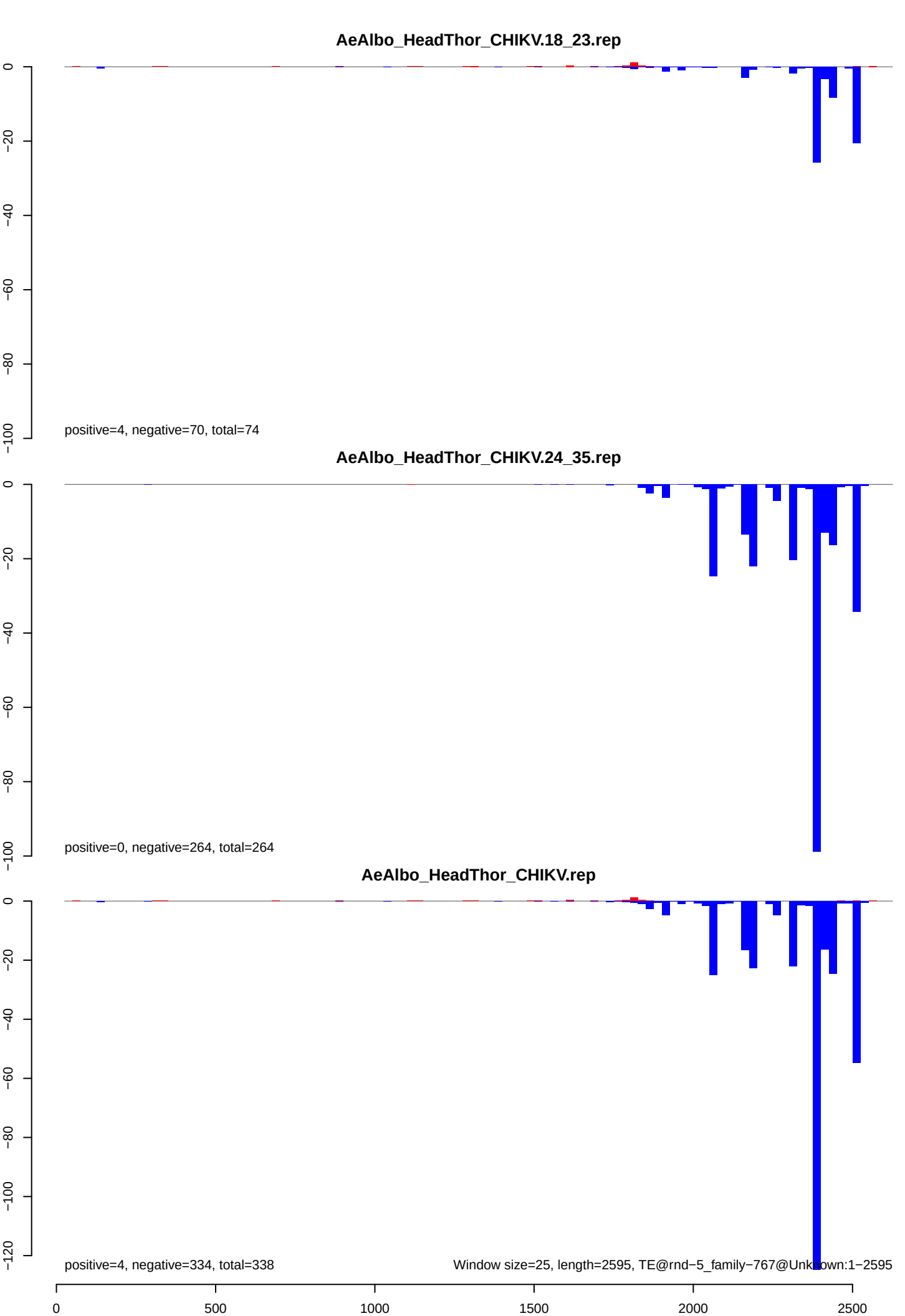

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=13, total=17
Window size=25, length=4028, TE@ltr−1_family−3498@LTR_Copia:1−4028
0
1000
2000
3000
4000

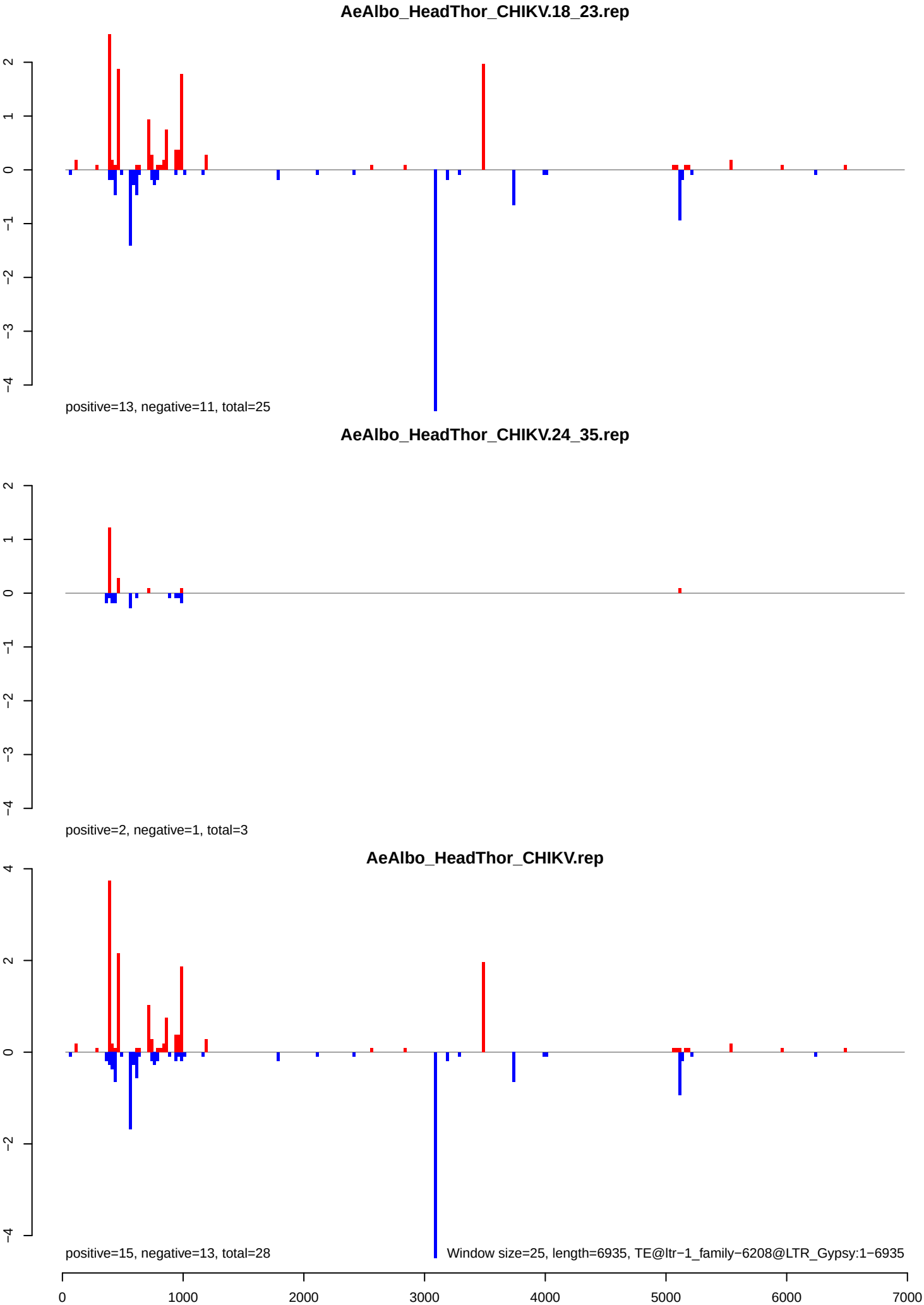

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
positive=9, negative=7, total=16

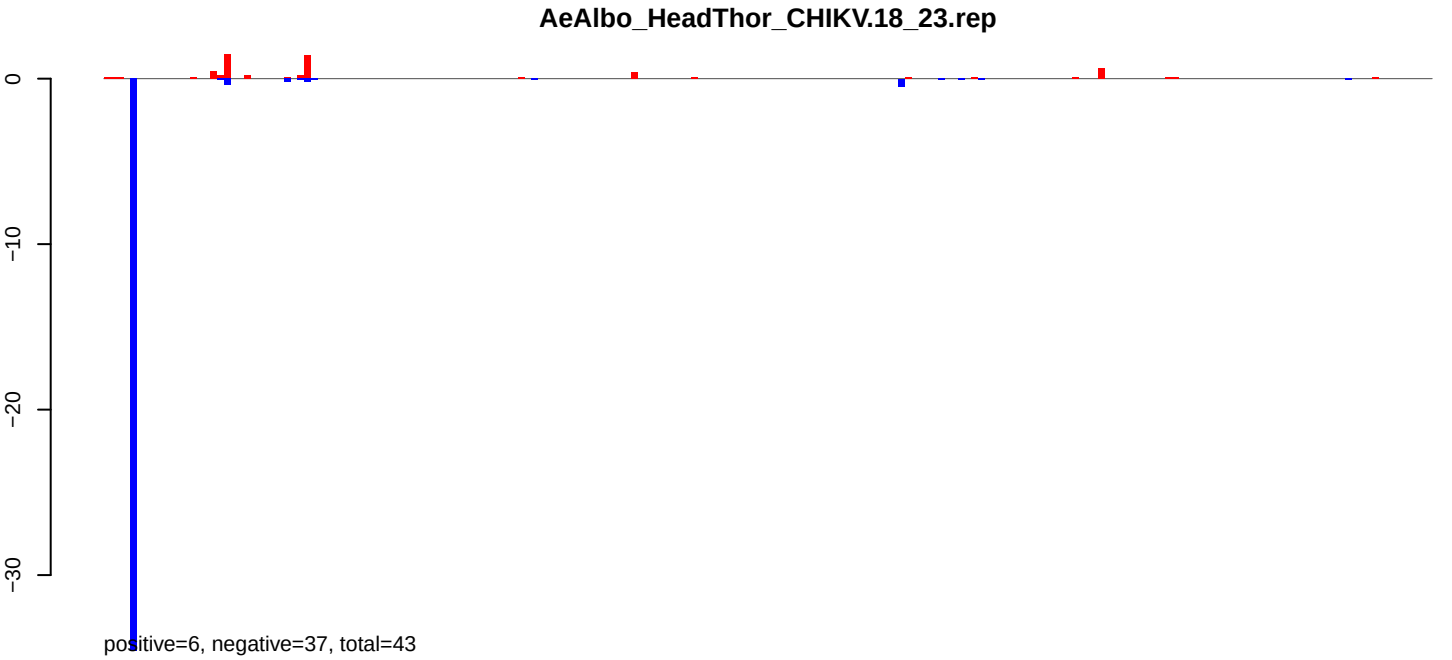

AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
positive=2, negative=0, total=2

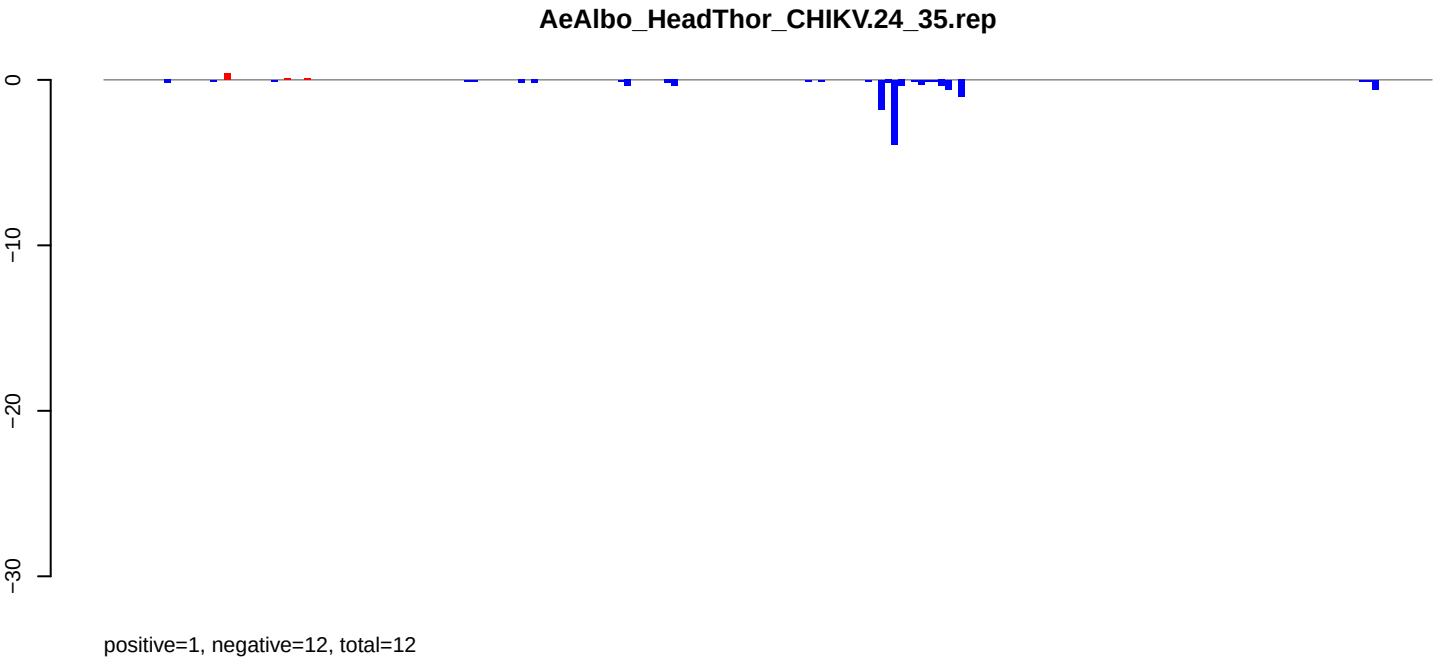

AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=10, negative=8, total=18
Window size=25, length=9440, TE@ltr−1_family−3387@LTR_Gypsy:1−9440
0
2000
4000
6000
8000

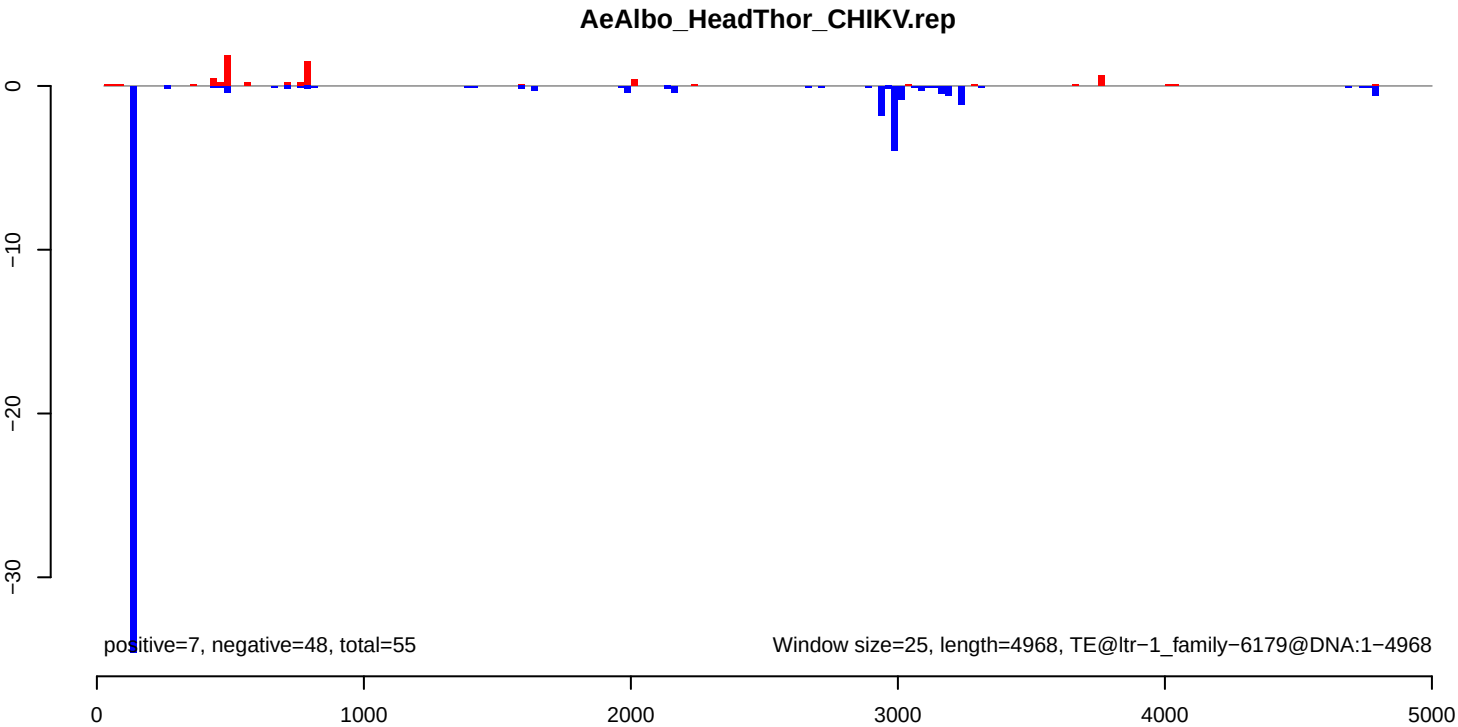

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=18, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=22, total=24
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=41, total=46
Window size=25, length=3237, TE@rnd−6_family−1512@LINE_I:1−3237
0
−5
−10
−15
−20
−25
−30
0
500
1000
1500
2000
2500
3000

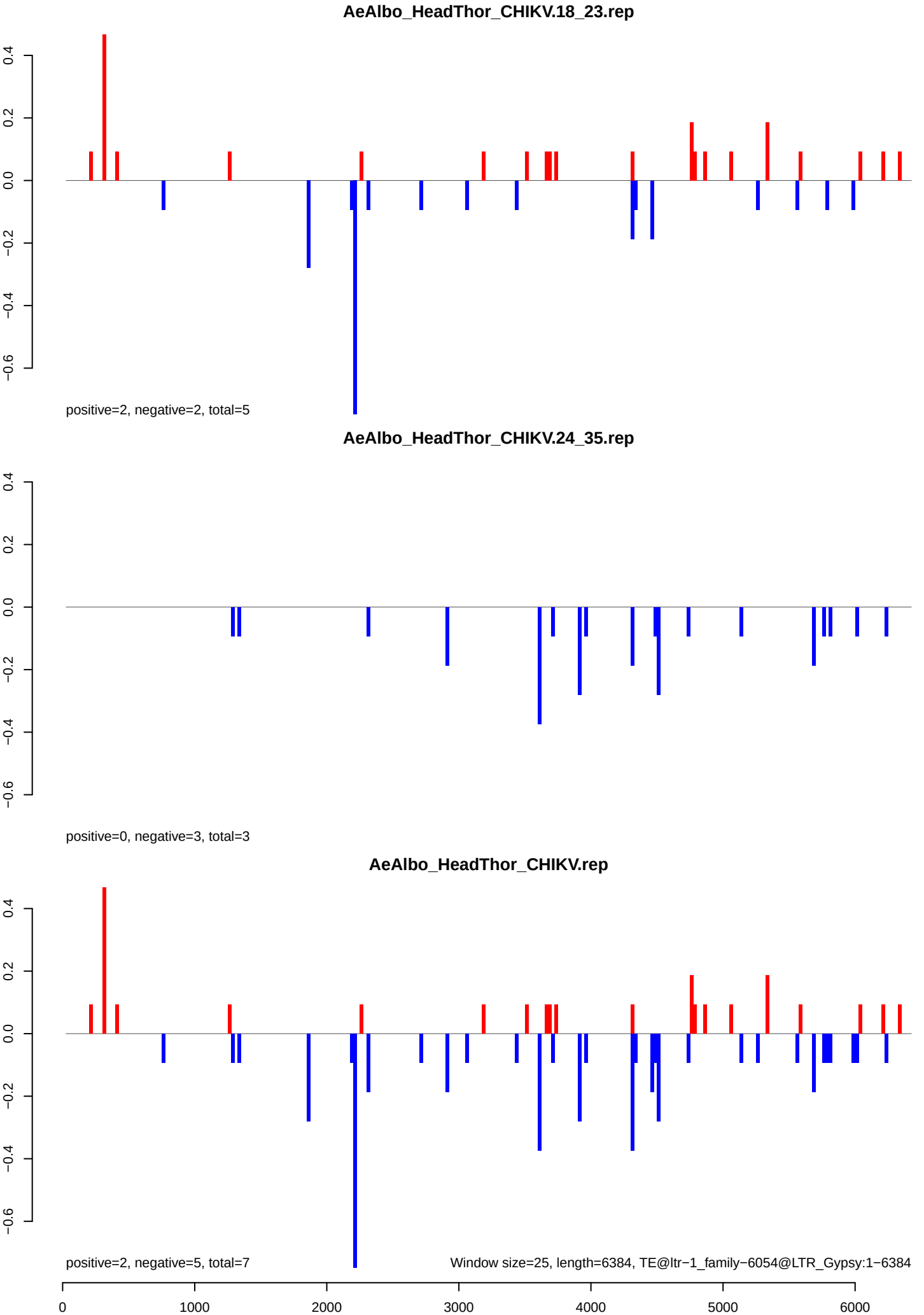

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=4, negative=70, total=74
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=0, negative=264, total=264
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
−120
positive=4, negative=334, total=338
Window size=25, length=2595, TE@rnd−5_family−767@Unknown:1−2595
0
500
1000
1500
2000
2500

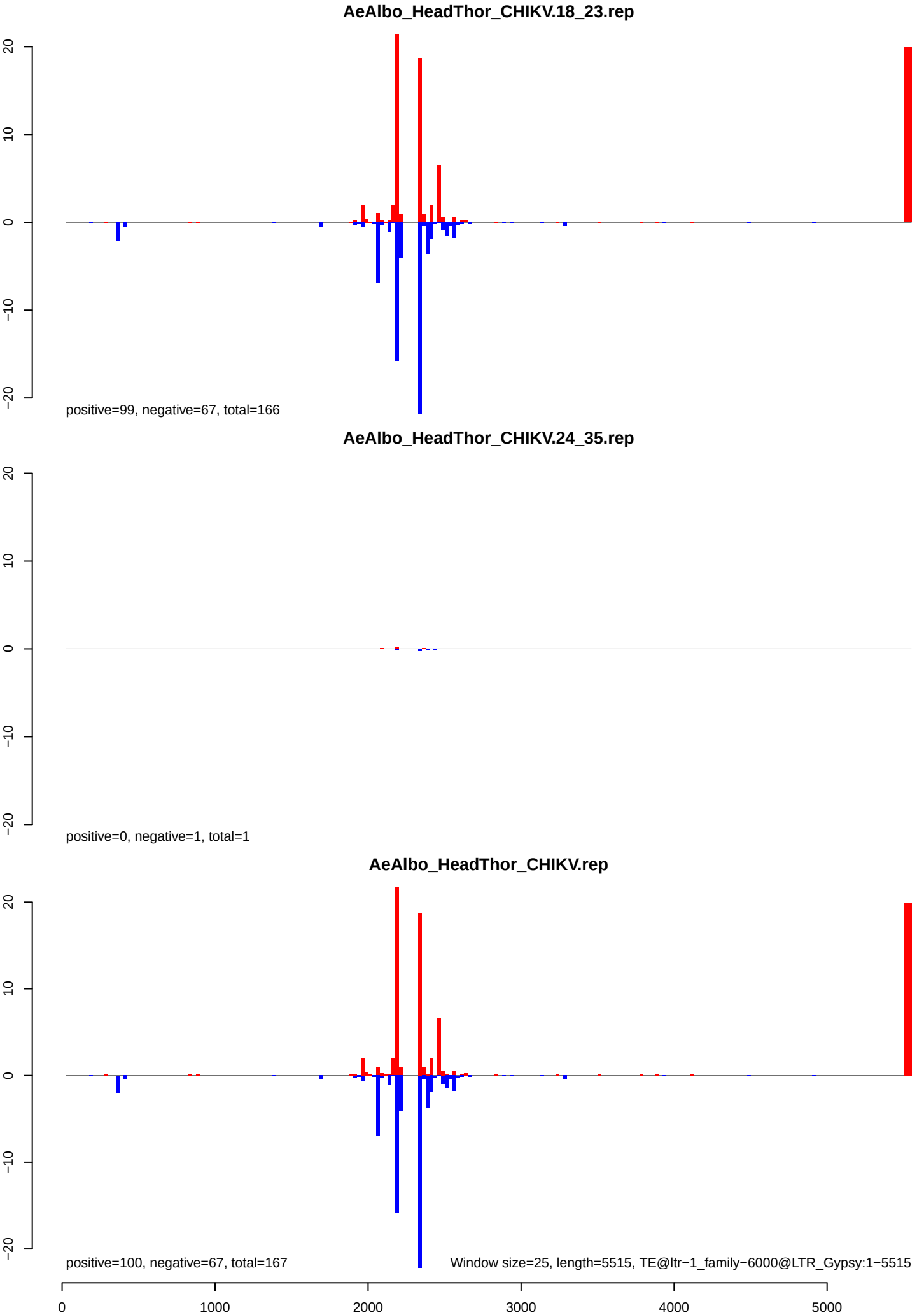

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=13, negative=11, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=13, total=28
Window size=25, length=6935, TE@ltr−1_family−6208@LTR_Gypsy:1−6935
0
1000
2000
3000
4000
5000
6000
7000

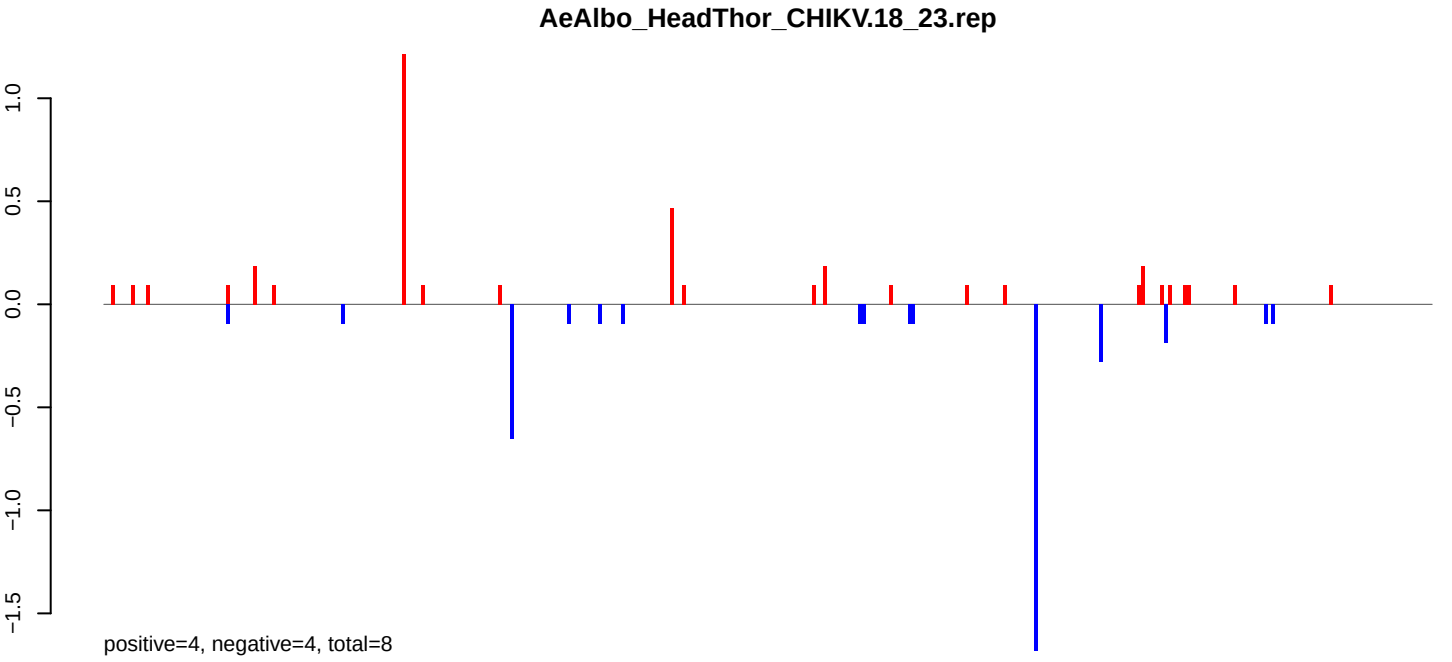

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
positive=6, negative=37, total=43

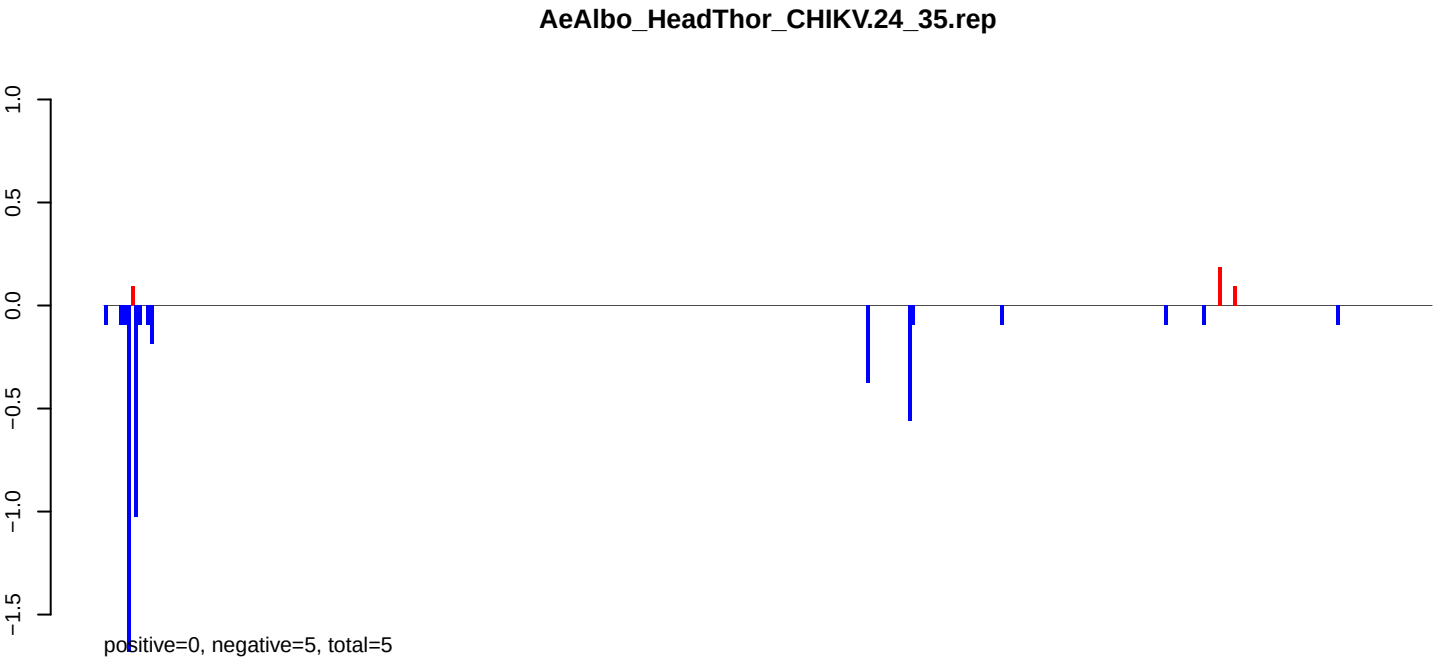

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
positive=1, negative=12, total=12

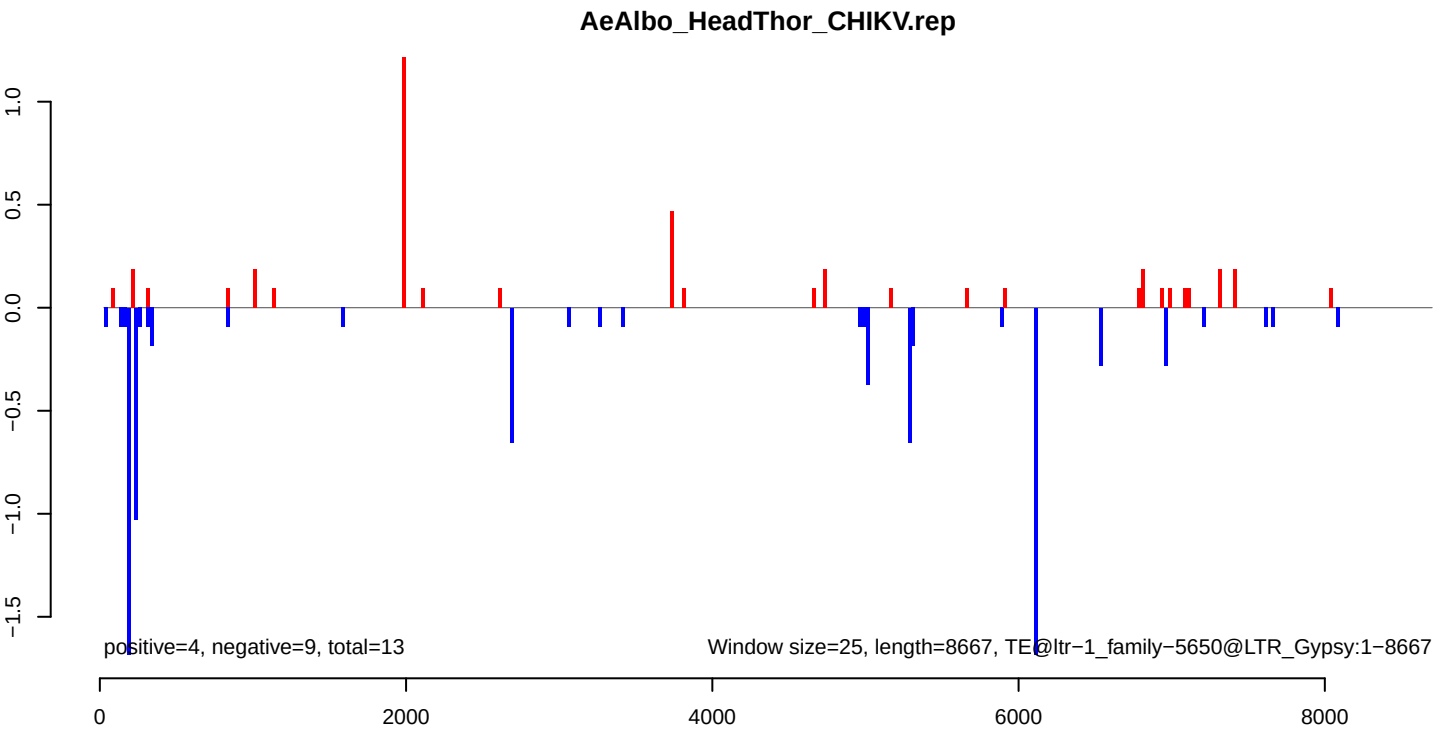

AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
positive=7, negative=48, total=55
Window size=25, length=4968, TE@ltr−1_family−6179@DNA:1−4968
0
1000
2000
3000
4000
5000

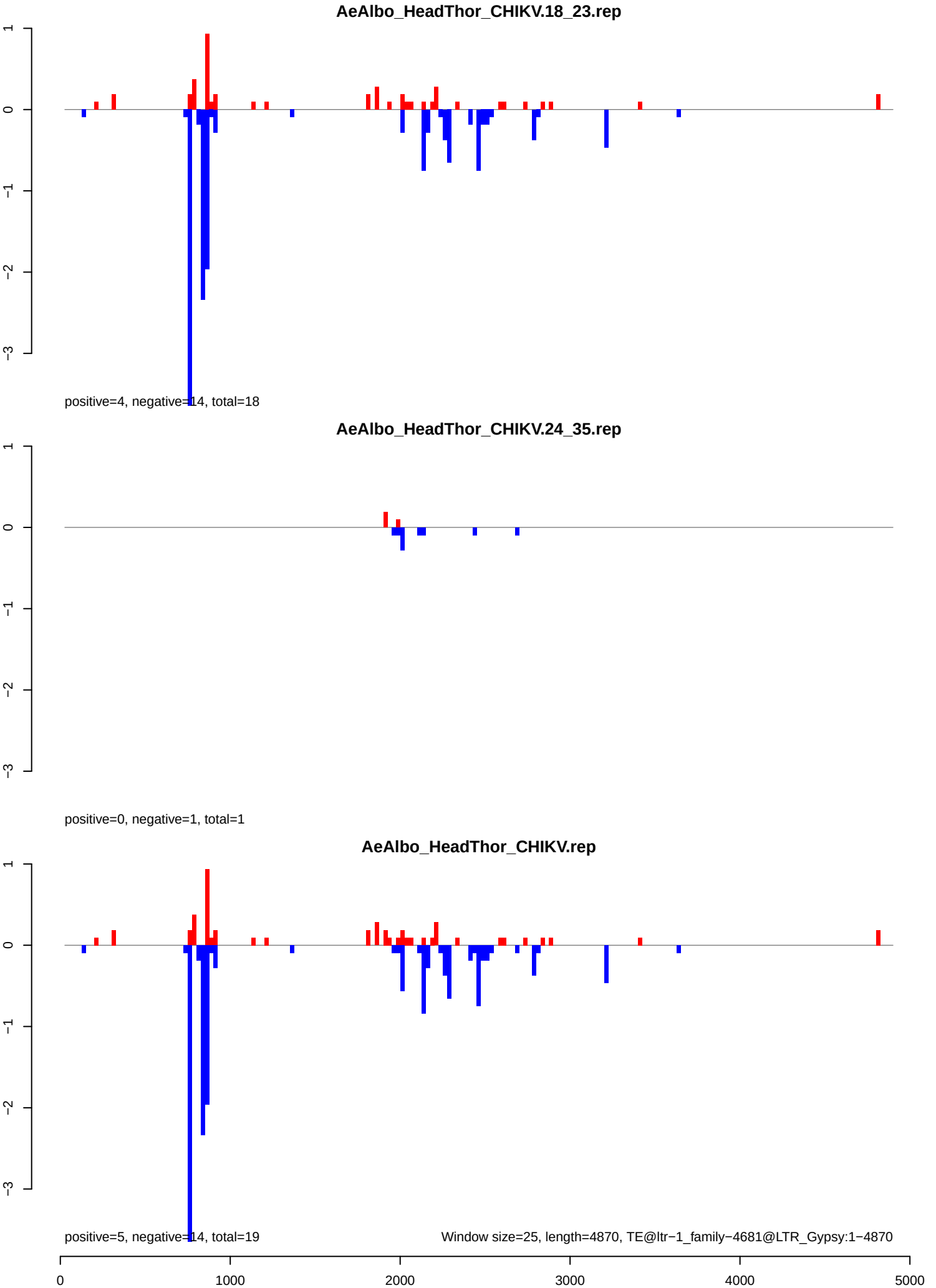

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=5, total=7
Window size=25, length=6384, TE@ltr−1_family−6054@LTR_Gypsy:1−6384
0
1000
2000
3000
4000
5000
6000

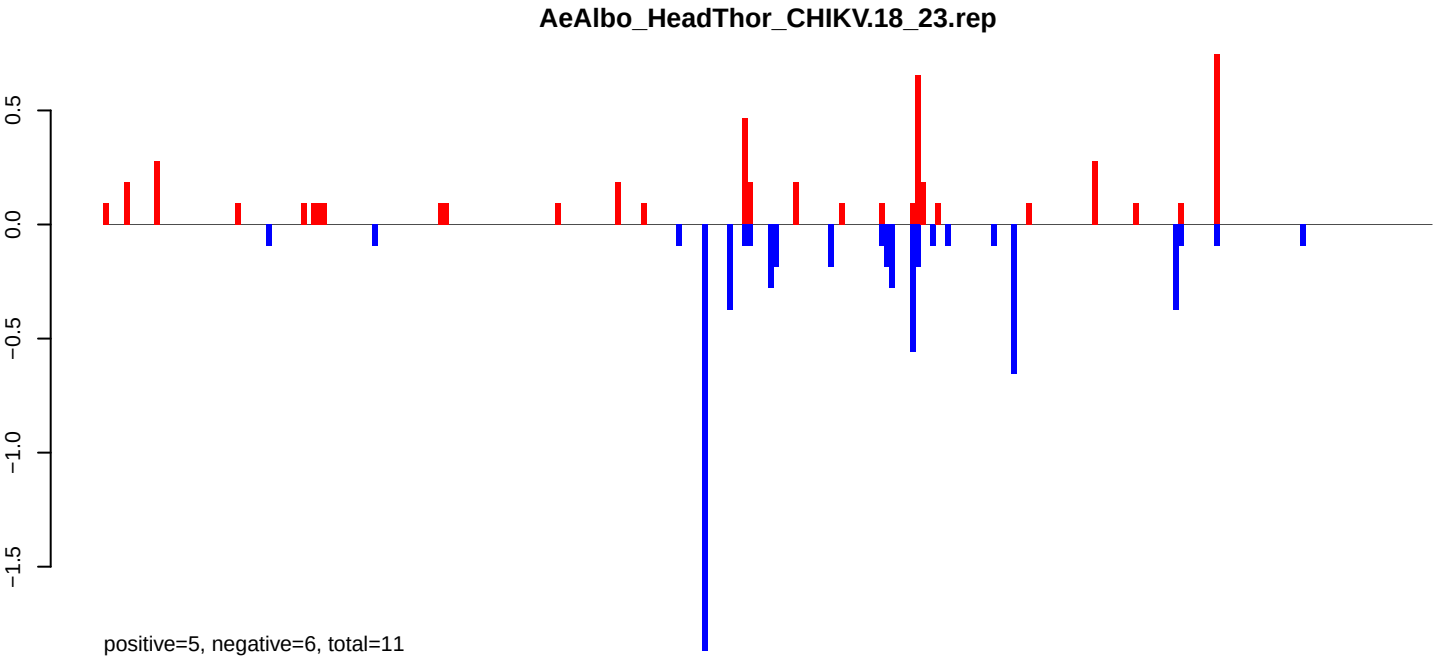

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=99, negative=67, total=166
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=100, negative=67, total=167
Window size=25, length=5515, TE@ltr−1_family−6000@LTR_Gypsy:1−5515
20
10
0
−10
−20
0
1000
2000
3000
4000
5000

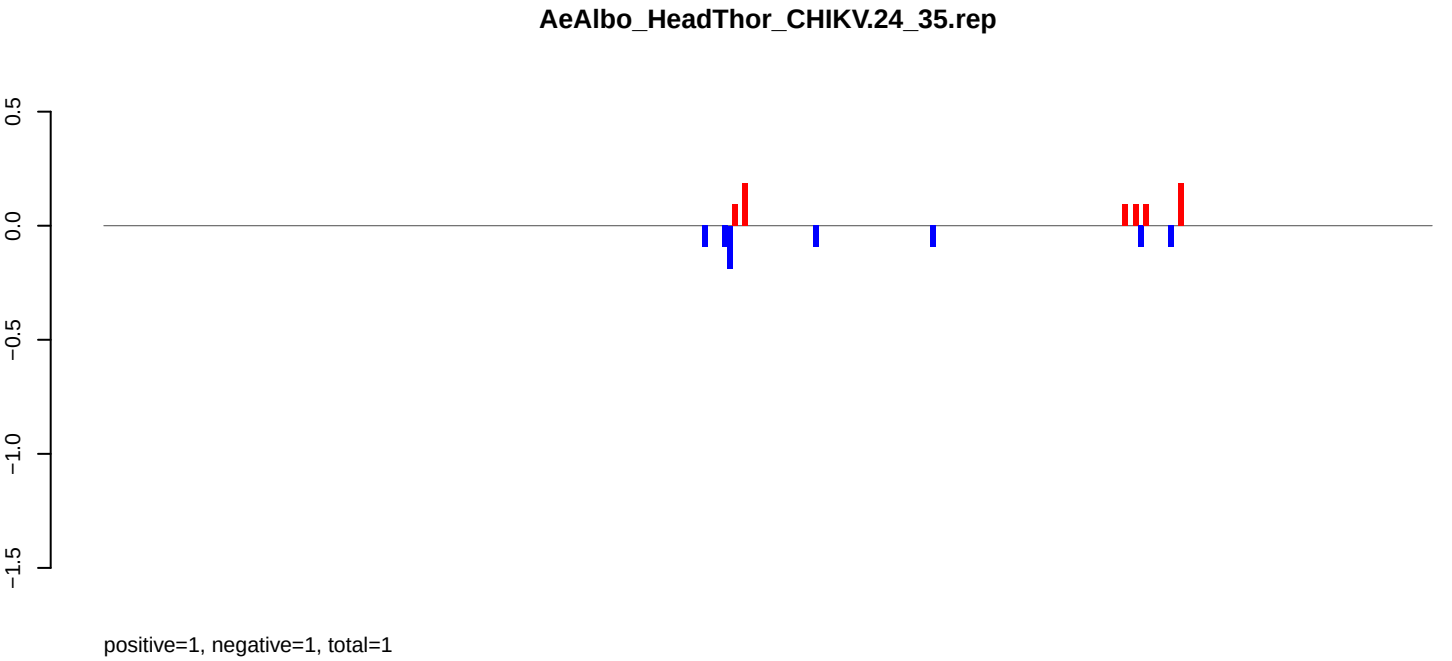

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=4, total=8

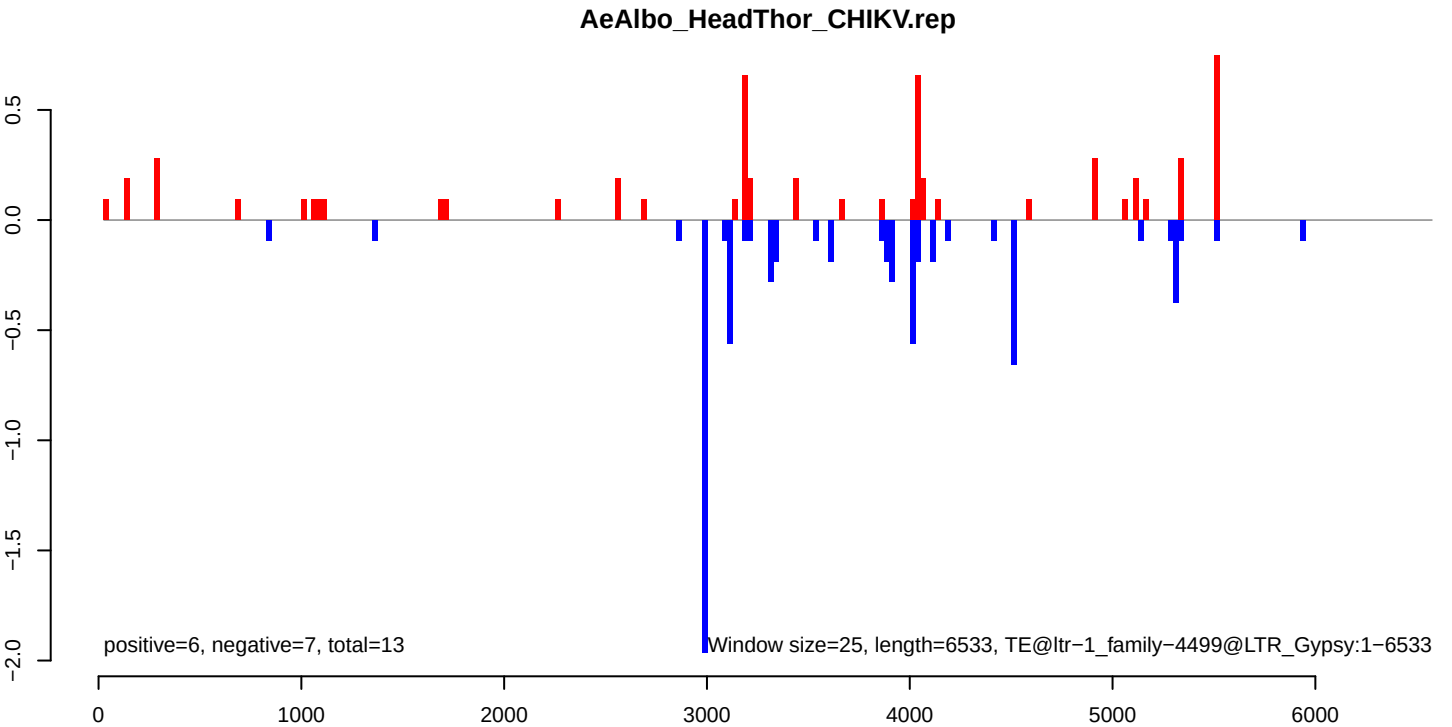

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=5, total=5

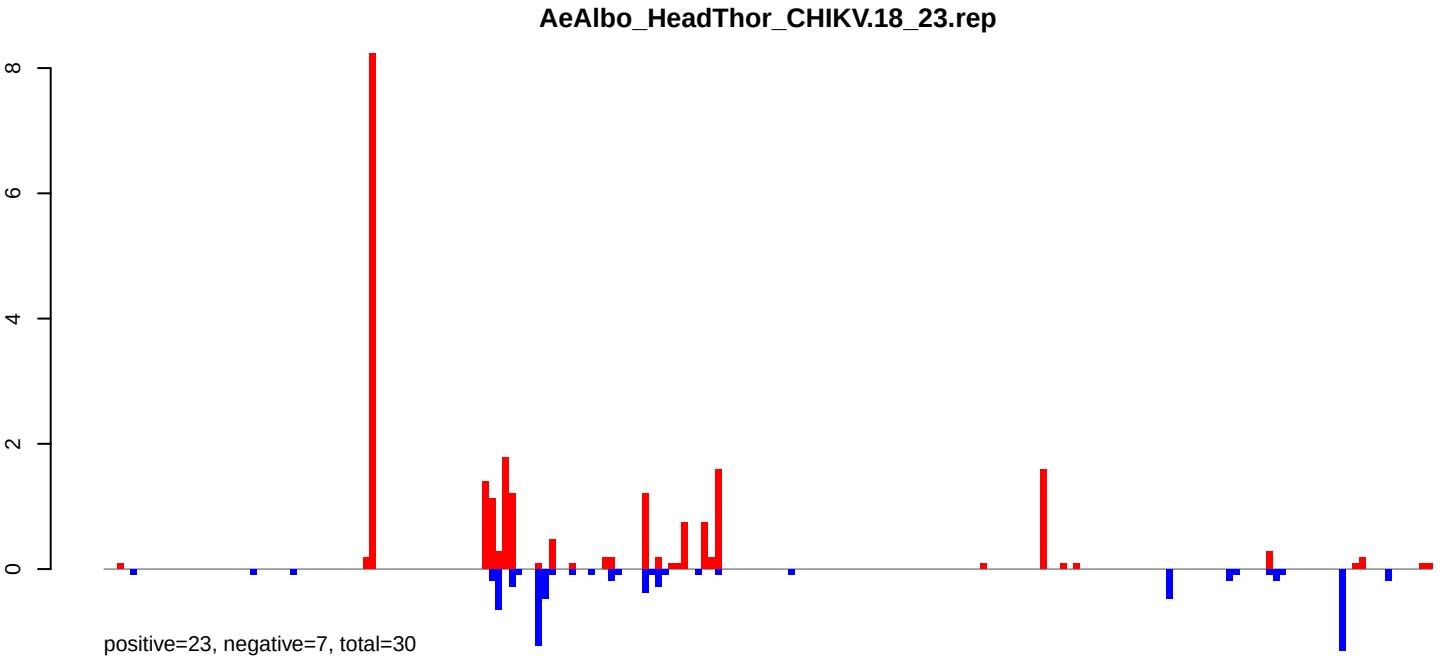

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=9, total=13
Window size=25, length=8667, TE@ltr−1_family−5650@LTR_Gypsy:1−8667
0
2000
4000
6000
8000

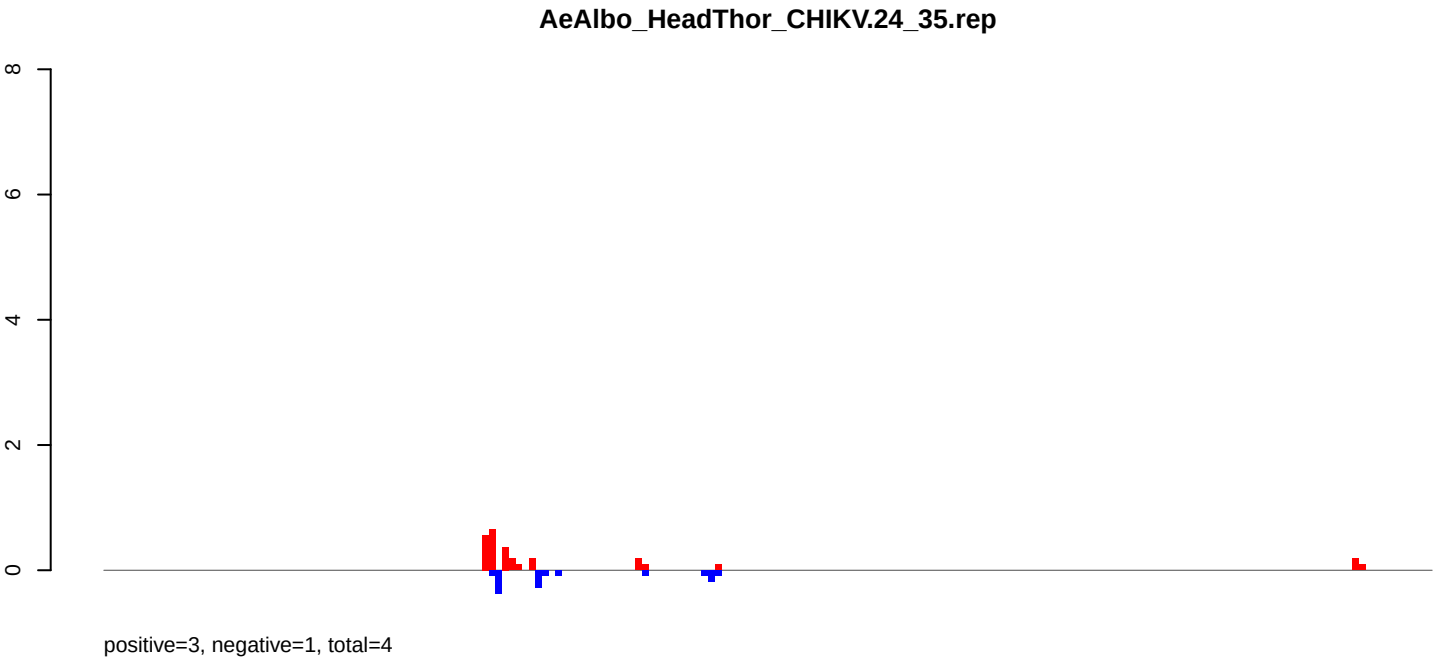

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=14, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=14, total=19
Window size=25, length=4870, TE@ltr−1_family−4681@LTR_Gypsy:1−4870
1
0
−1
−2
−3
0
1000
2000
3000
4000
5000

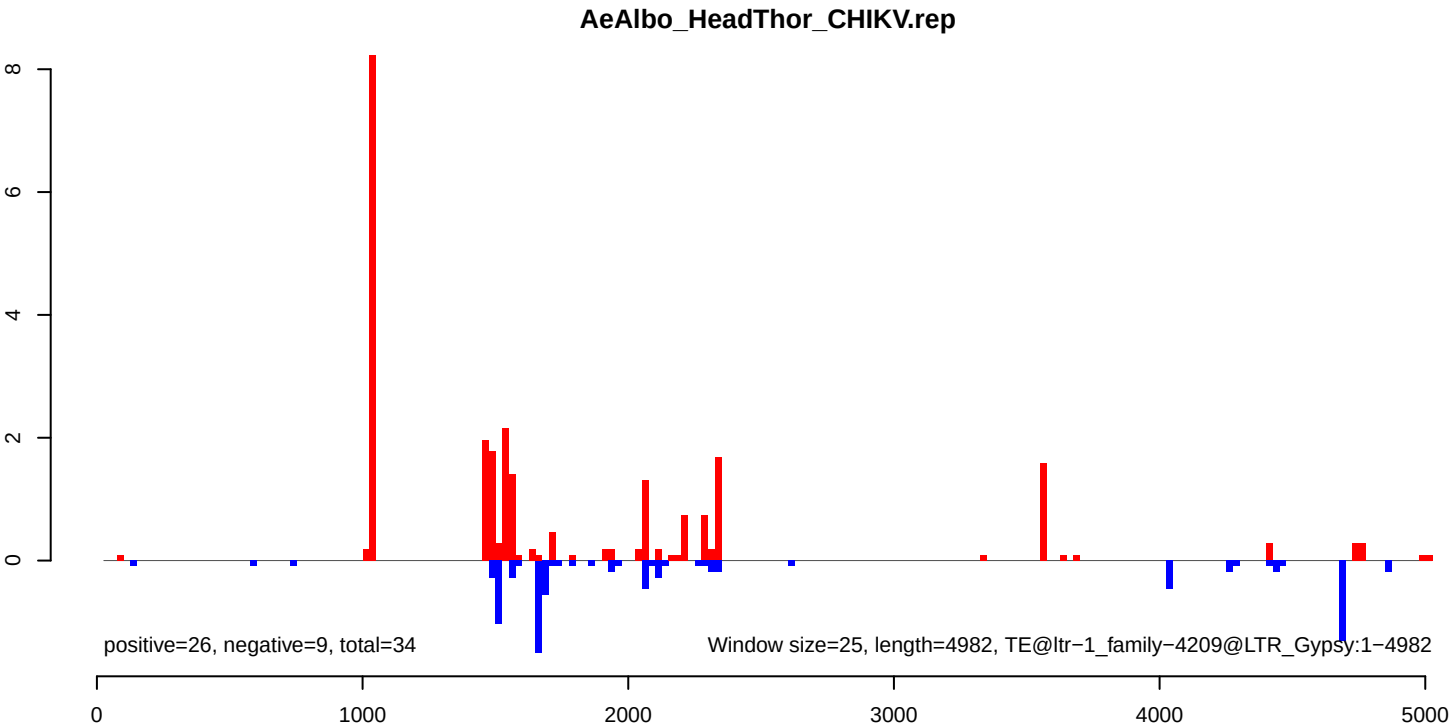

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=5, negative=6, total=11

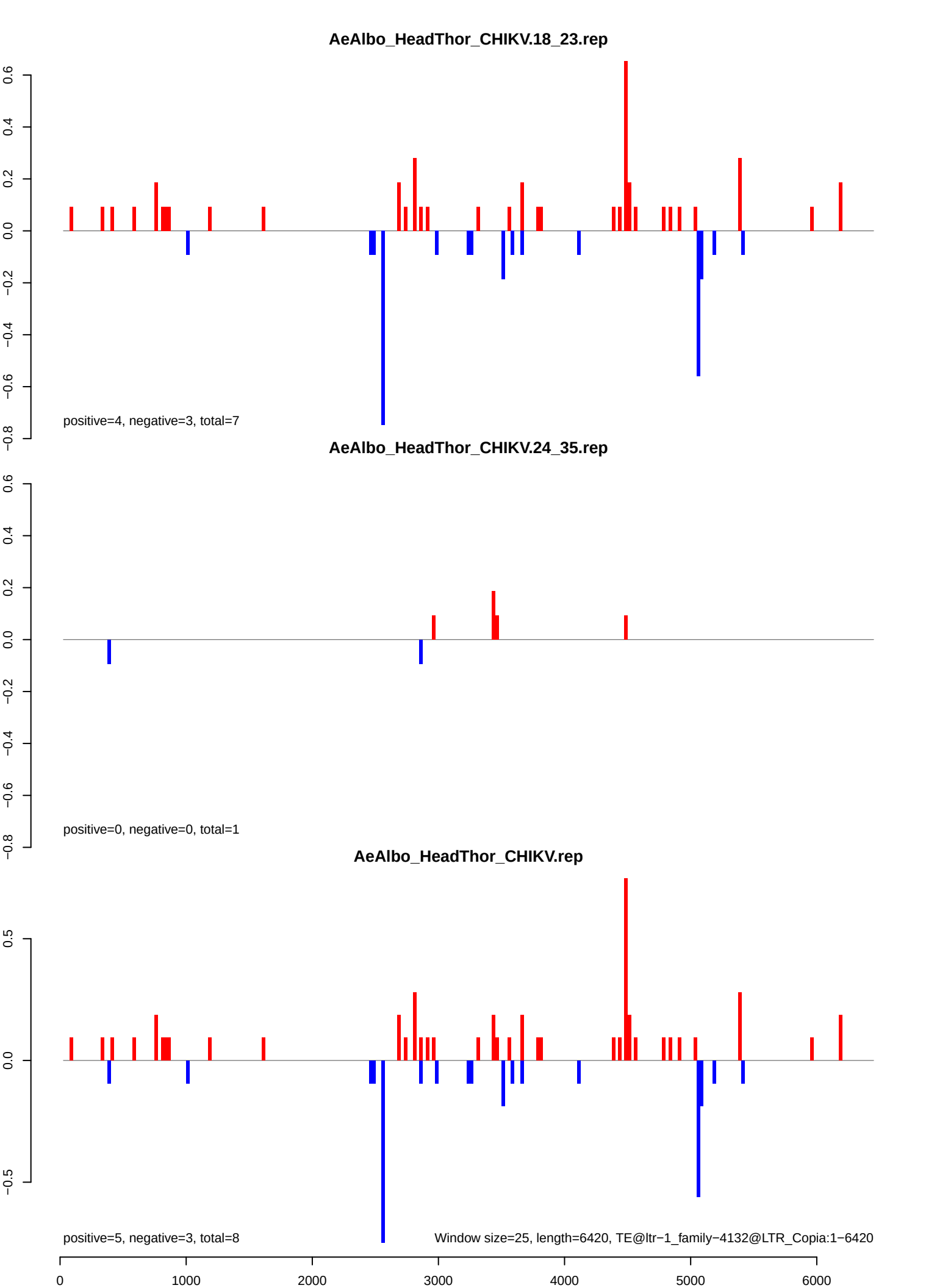

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=1, total=1

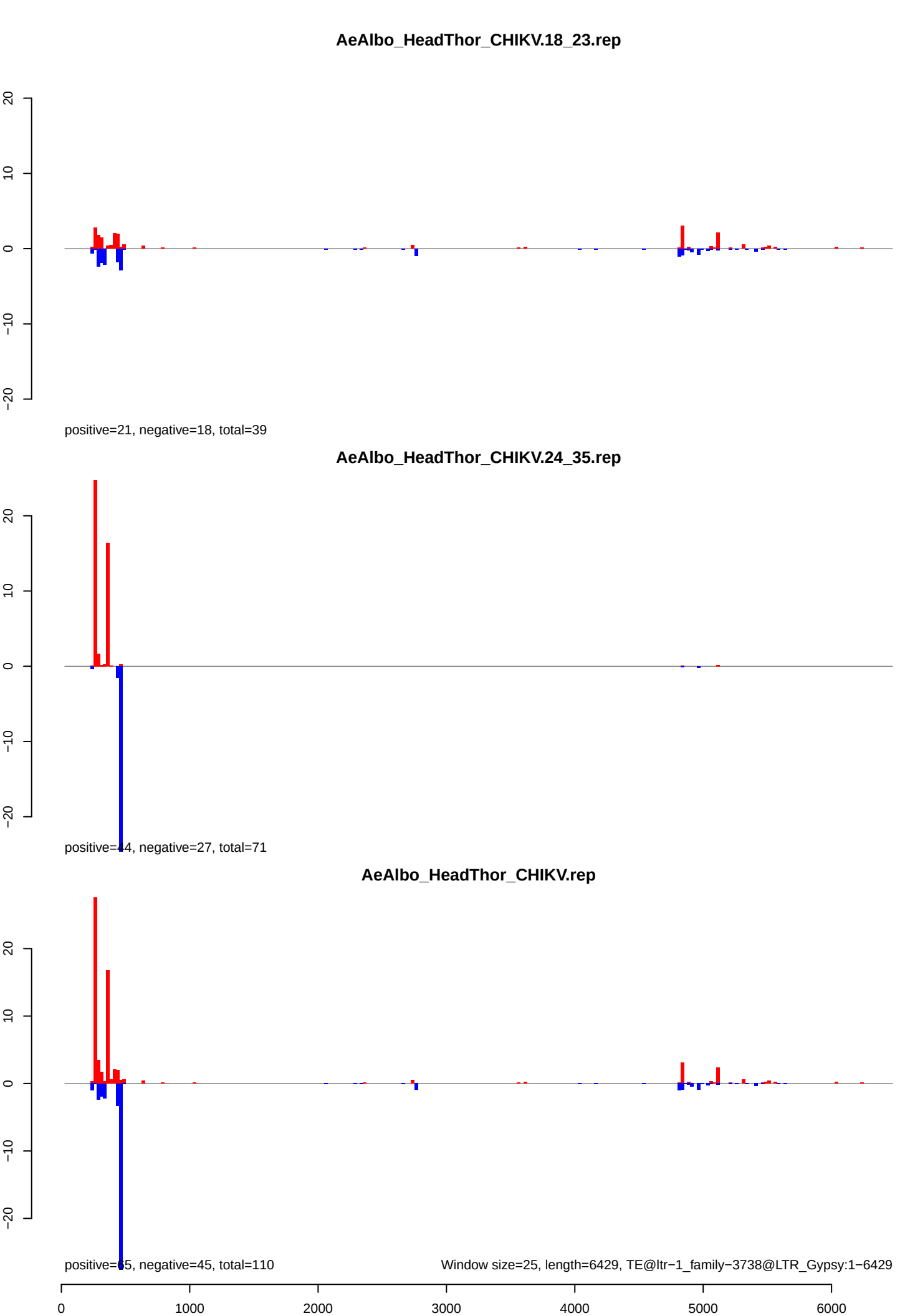

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=6, negative=7, total=13
Window size=25, length=6533, TE@ltr−1_family−4499@LTR_Gypsy:1−6533
0
1000
2000
3000
4000
5000
6000

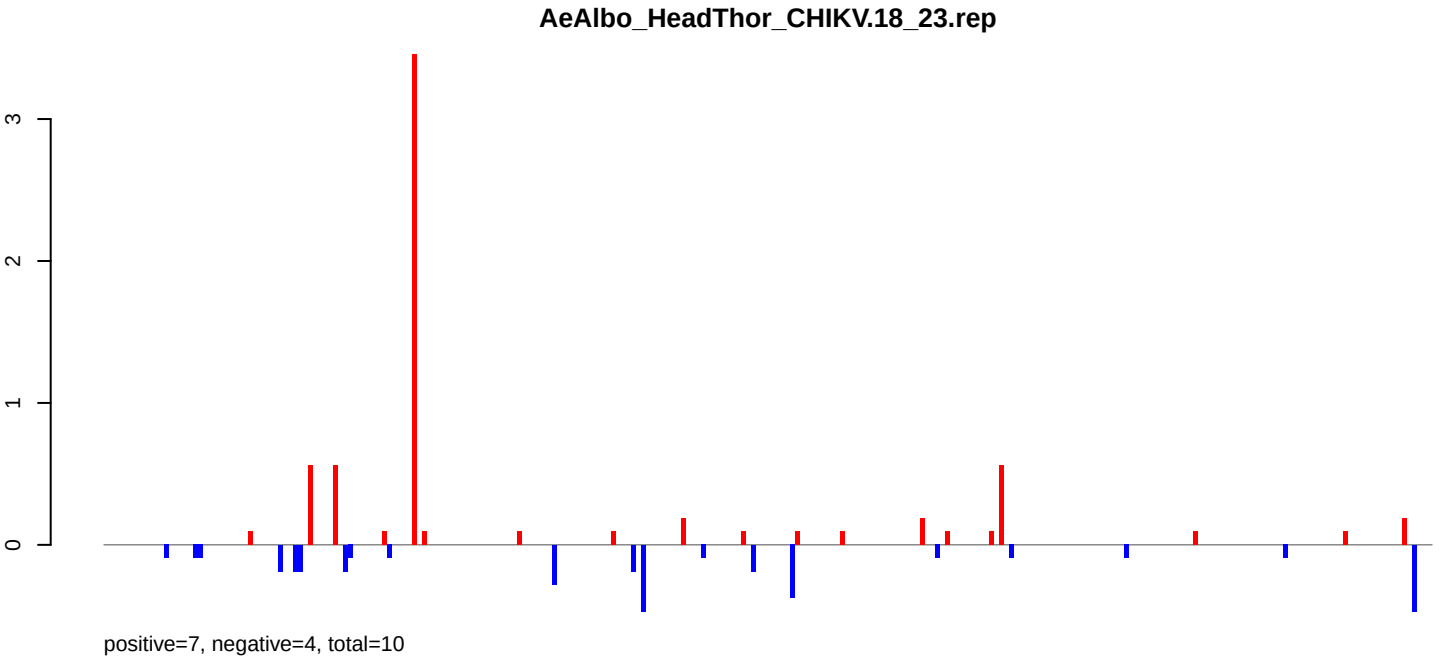

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
positive=23, negative=7, total=30

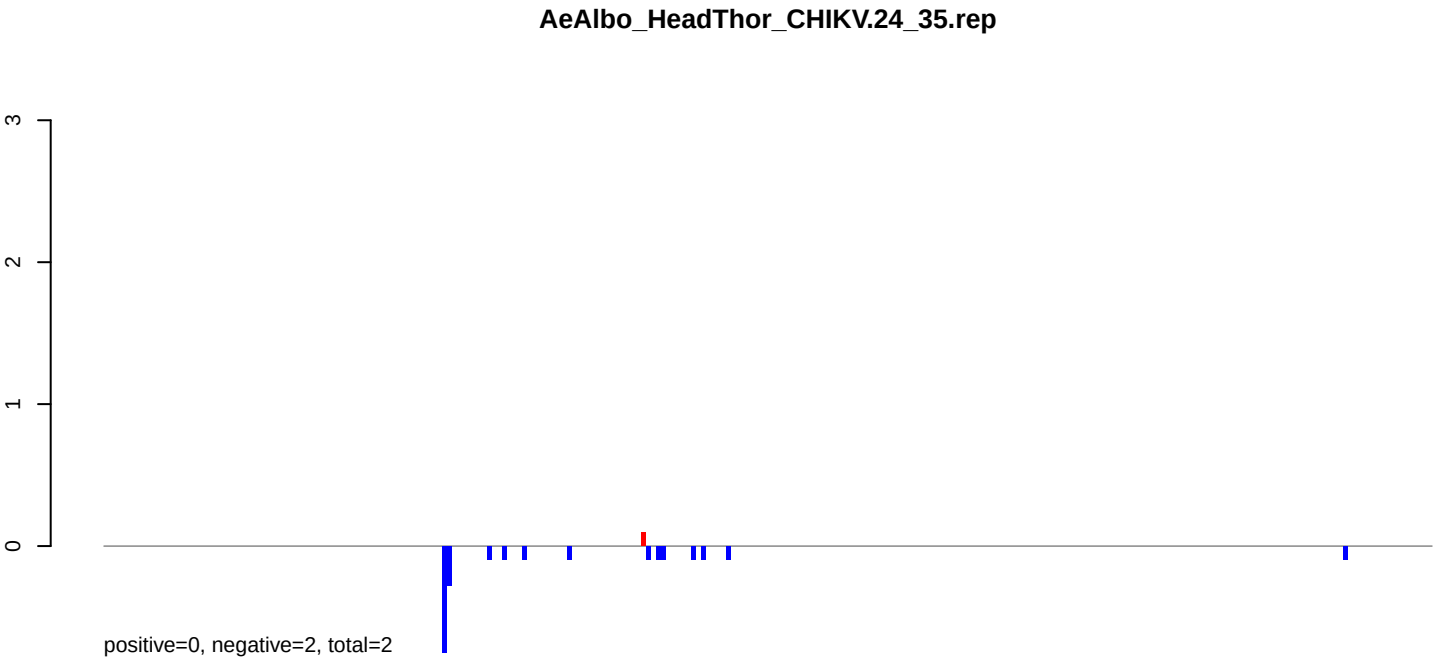

AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
positive=3, negative=1, total=4

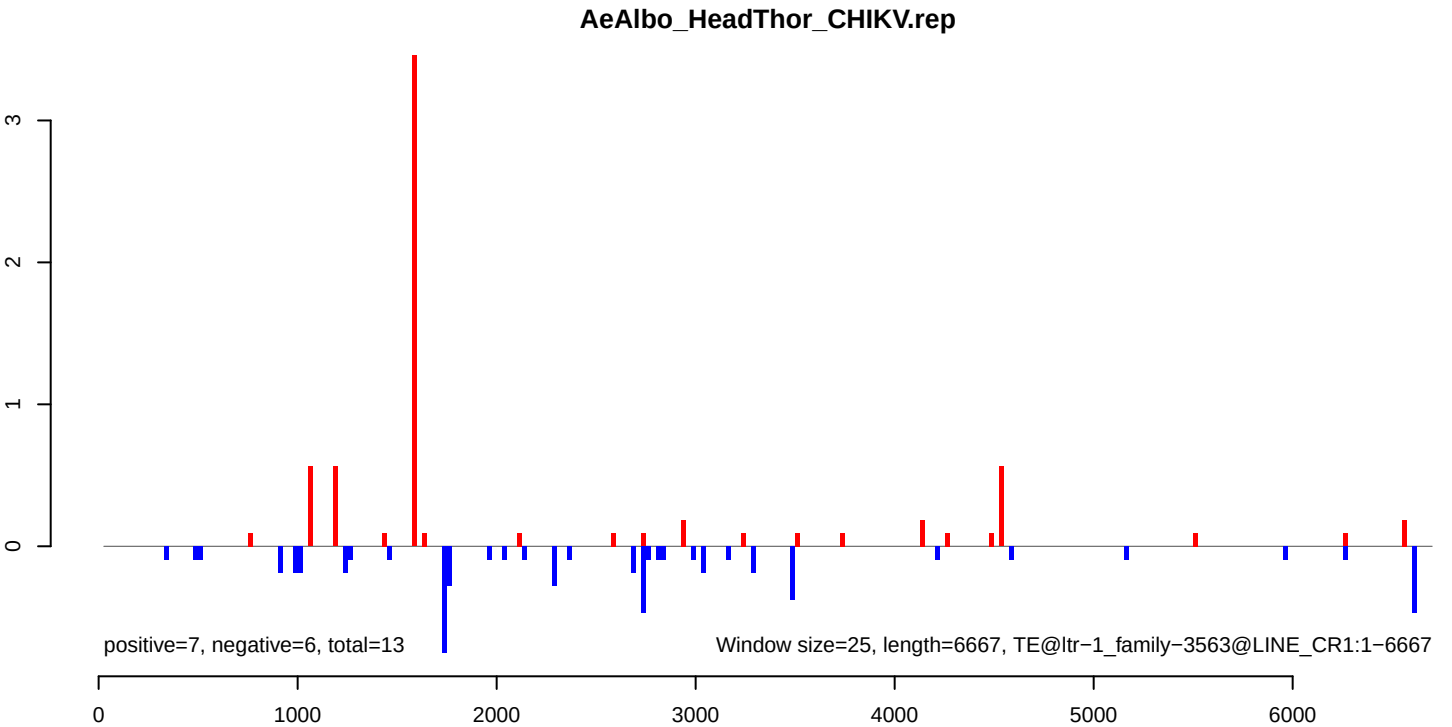

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
positive=26, negative=9, total=34
Window size=25, length=4982, TE@ltr−1_family−4209@LTR_Gypsy:1−4982
0
1000
2000
3000
4000
5000

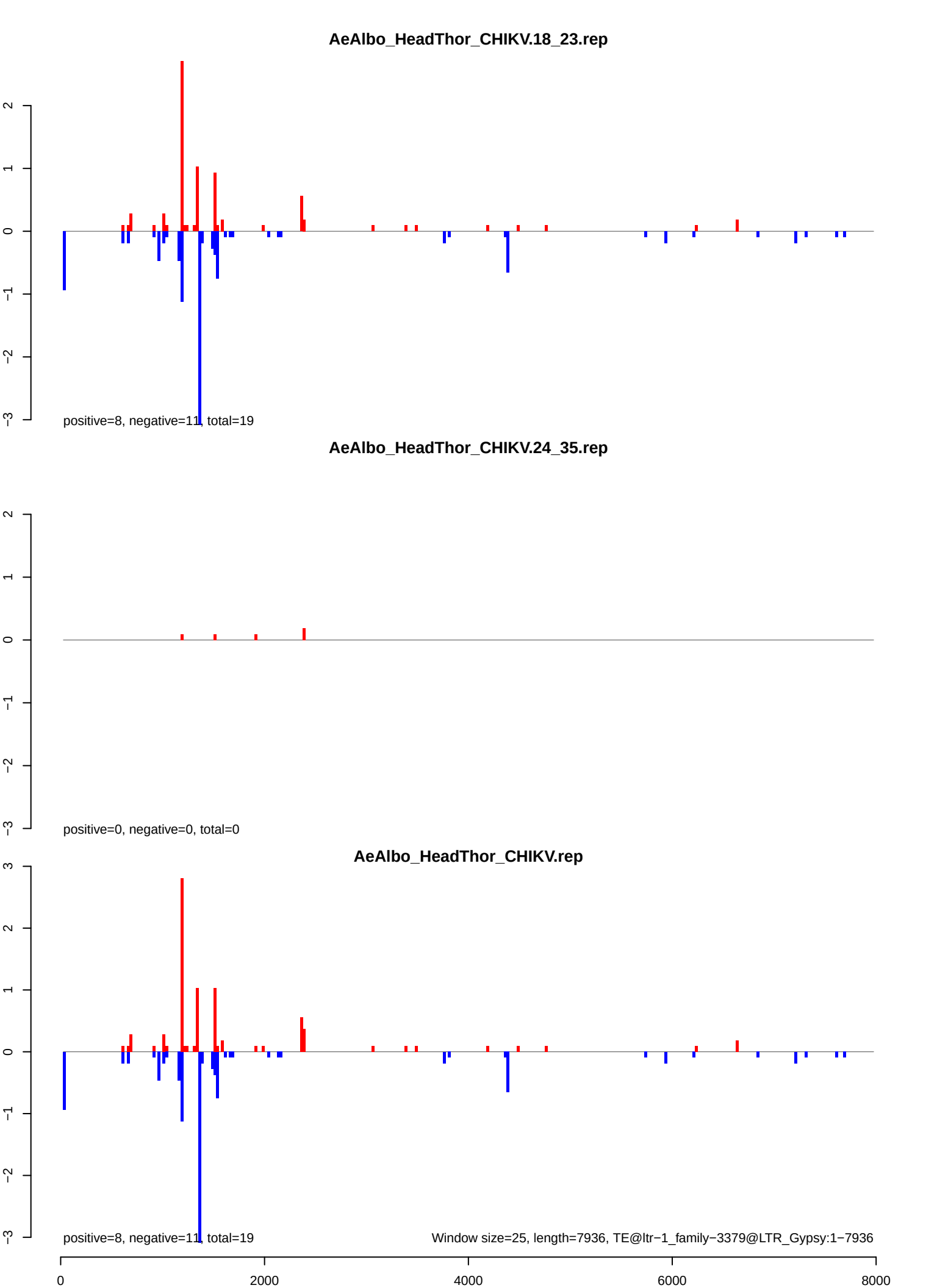

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=4, negative=3, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=5, negative=3, total=8
Window size=25, length=6420, TE@ltr−1_family−4132@LTR_Copia:1−6420
0
1000
2000
3000
4000
5000
6000

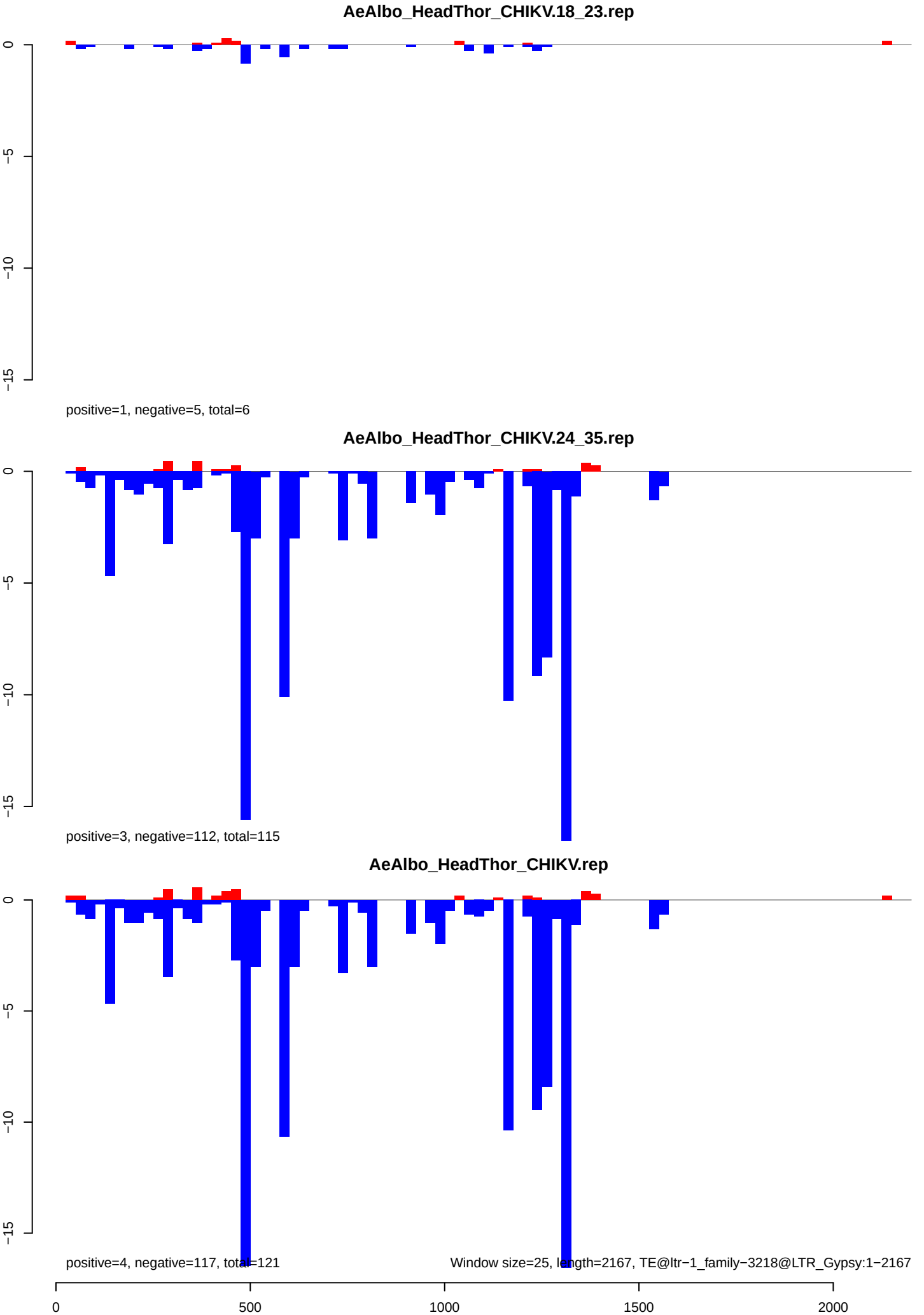

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=21, negative=18, total=39
AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=44, negative=27, total=71
AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
positive=65, negative=45, total=110
Window size=25, length=6429, TE@ltr−1_family−3738@LTR_Gypsy:1−6429
0
1000
2000
3000
4000
5000
6000

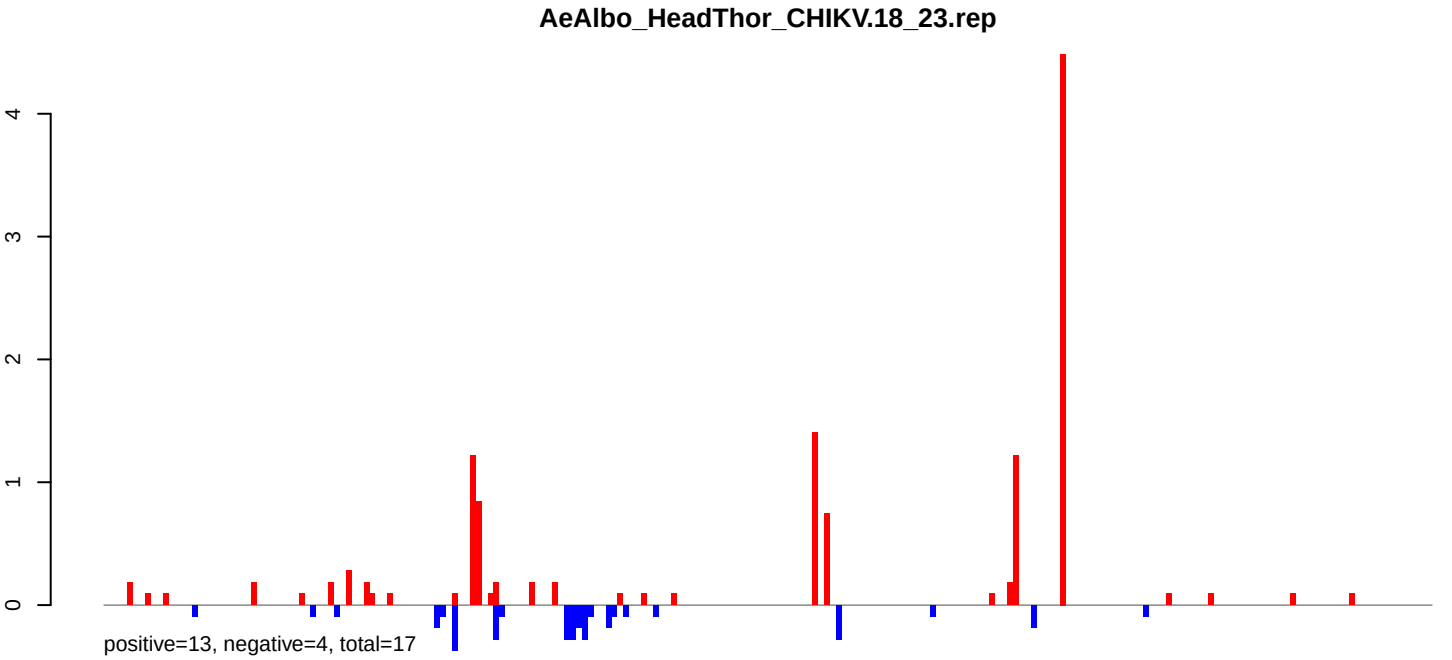

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=7, negative=4, total=10

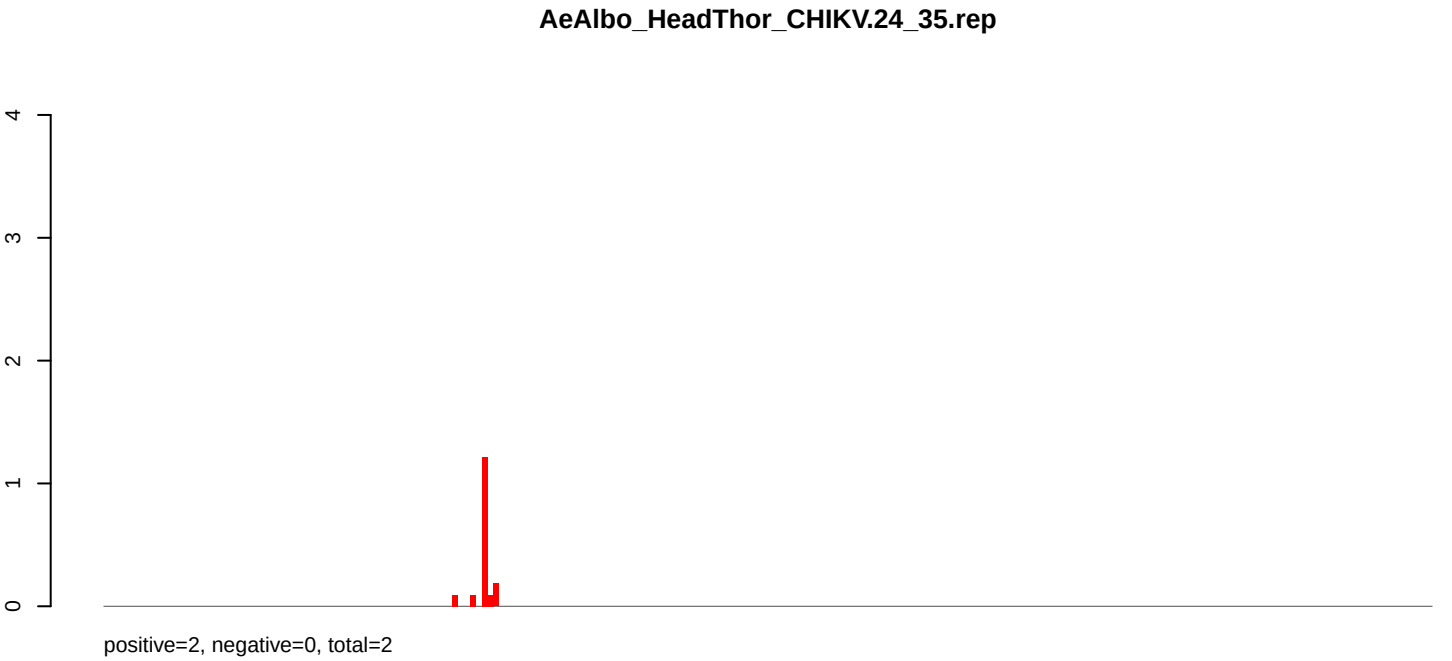

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=0, negative=2, total=2

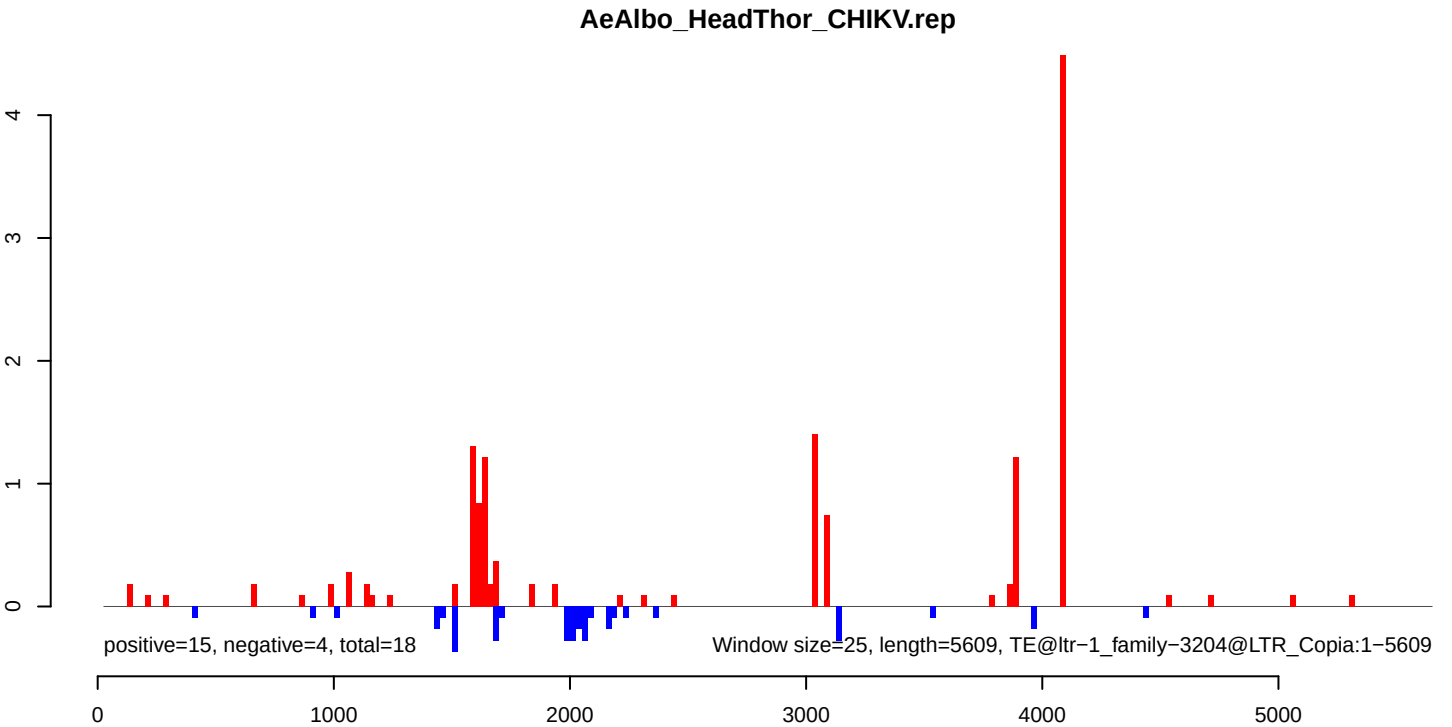

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=7, negative=6, total=13
Window size=25, length=6667, TE@ltr−1_family−3563@LINE_CR1:1−6667
0
1000
2000
3000
4000
5000
6000

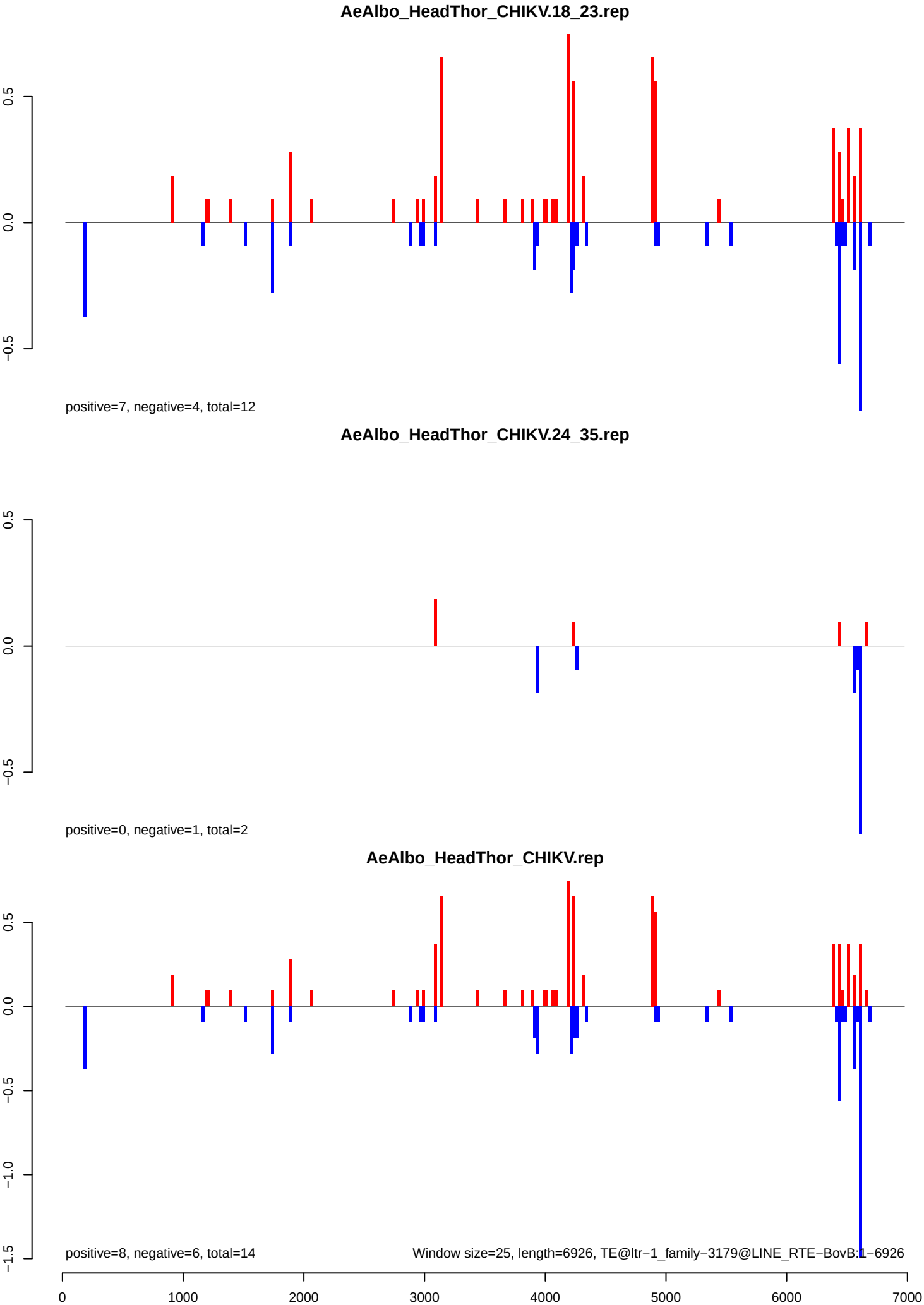

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=11, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=11, total=19
Window size=25, length=7936, TE@ltr−1_family−3379@LTR_Gypsy:1−7936
0
2000
4000
6000
8000

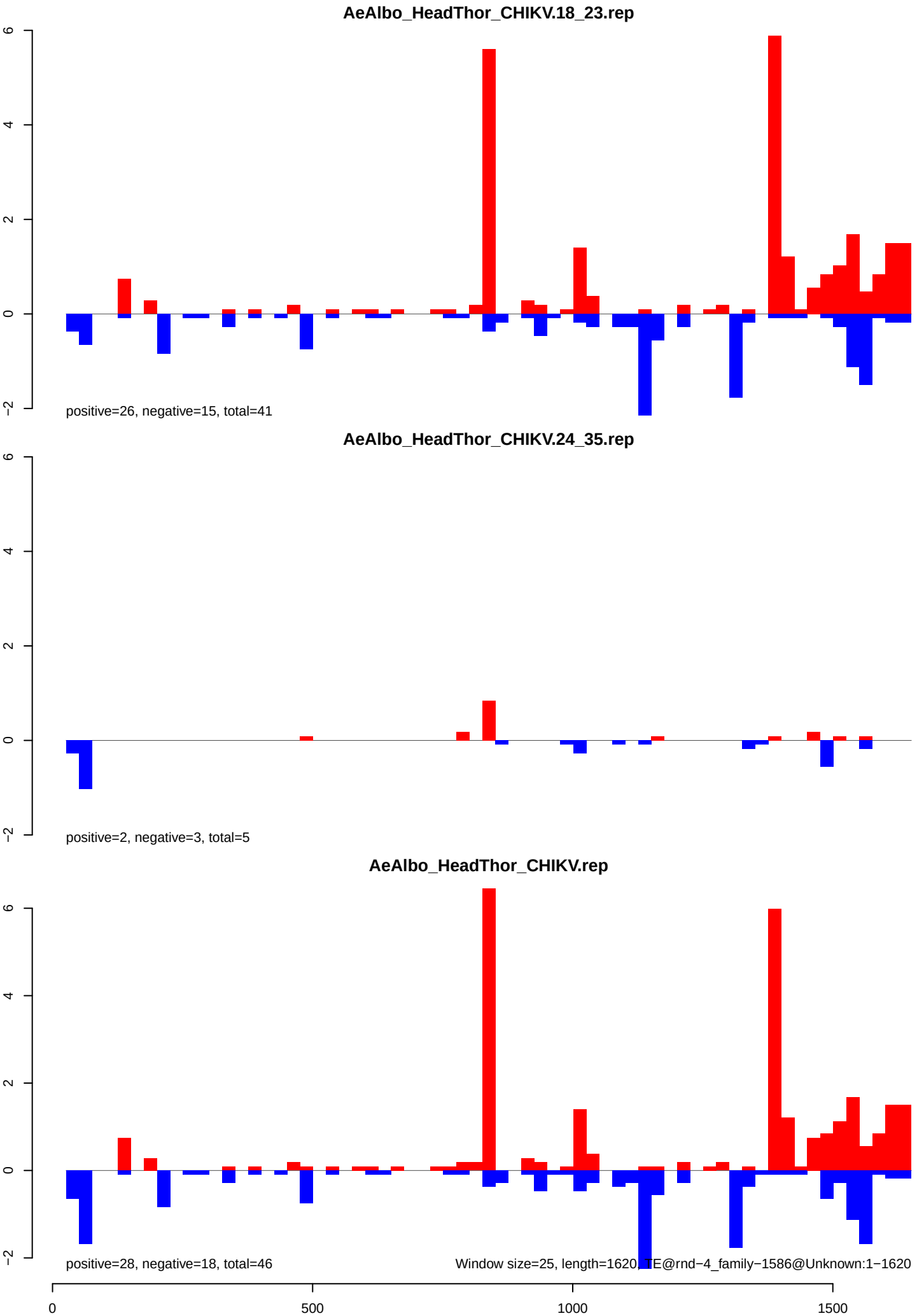

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=3, negative=112, total=115
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=4, negative=117, total=121
Window size=25, length=2167, TE@ltr−1_family−3218@LTR_Gypsy:1−2167
0
500
1000
1500
2000

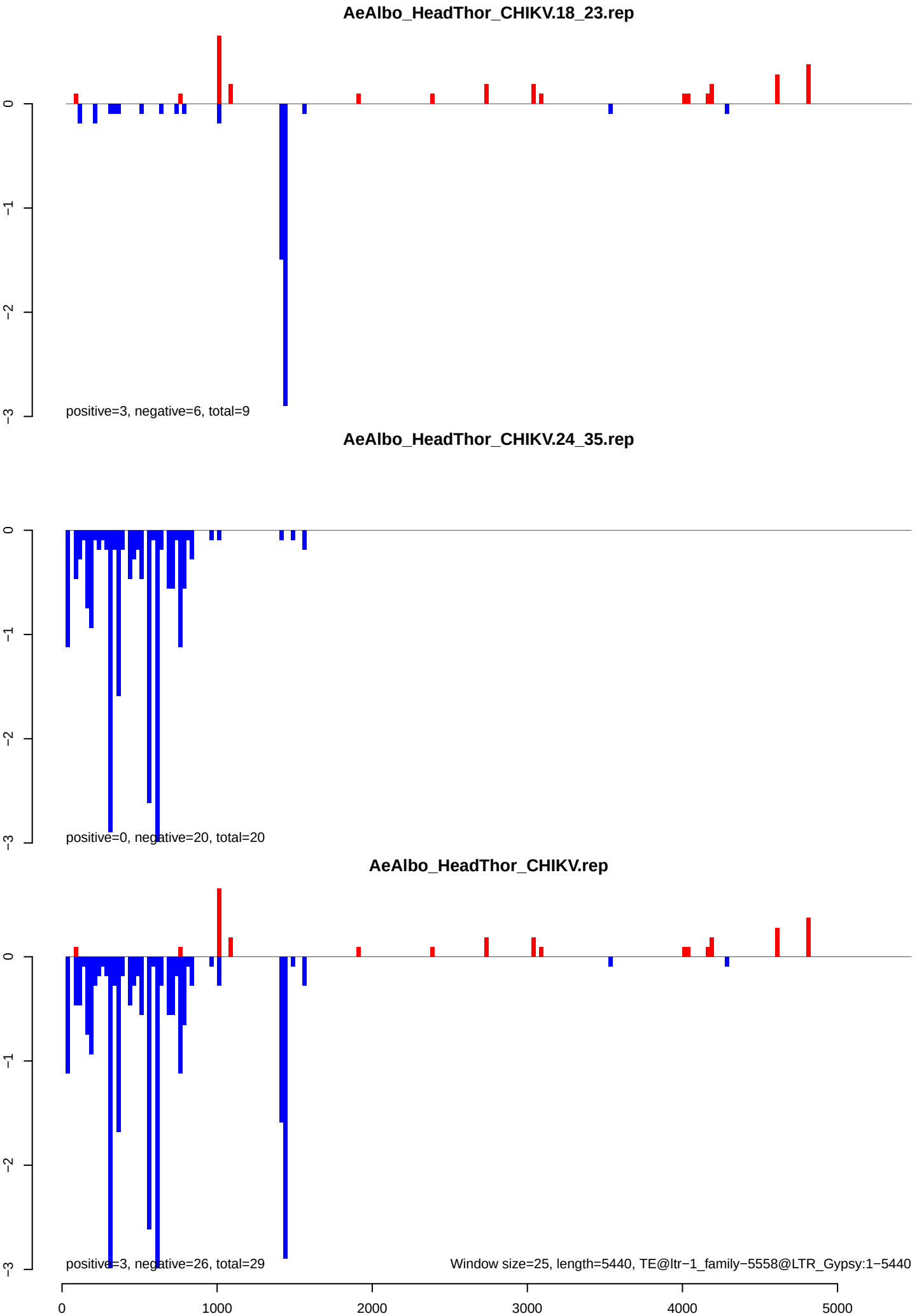

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=13, negative=4, total=17

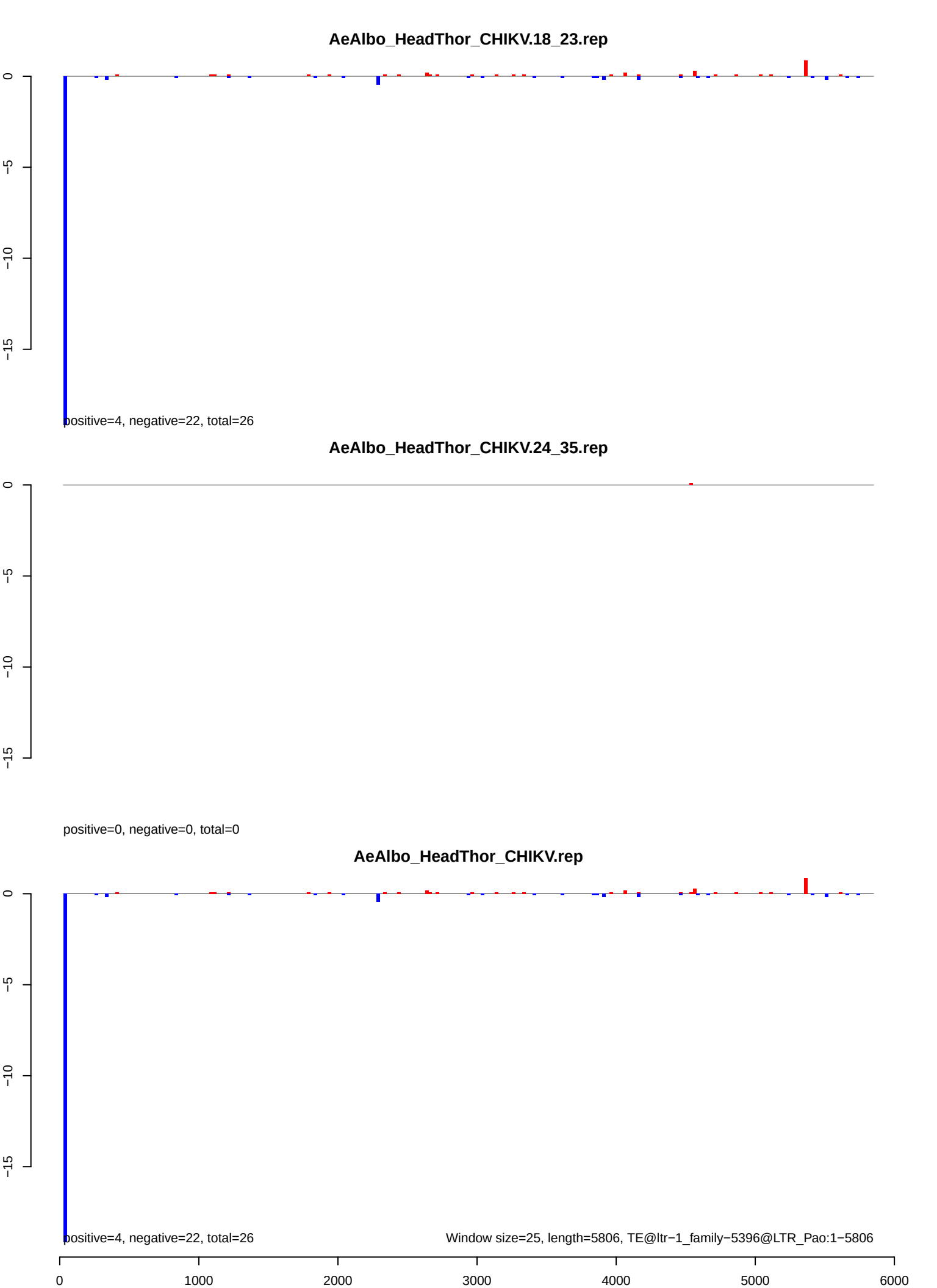

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=2, negative=0, total=2

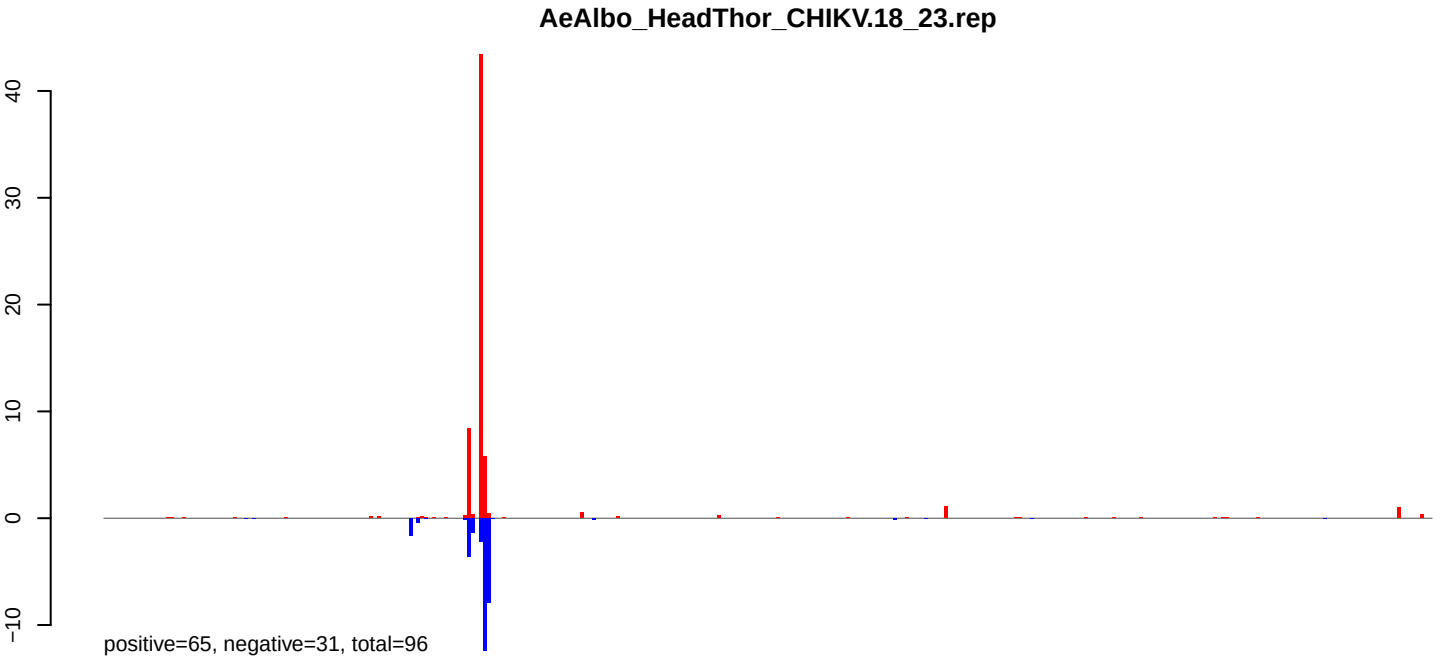

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=15, negative=4, total=18
Window size=25, length=5609, TE@ltr−1_family−3204@LTR_Copia:1−5609
0
1000
2000
3000
4000
5000

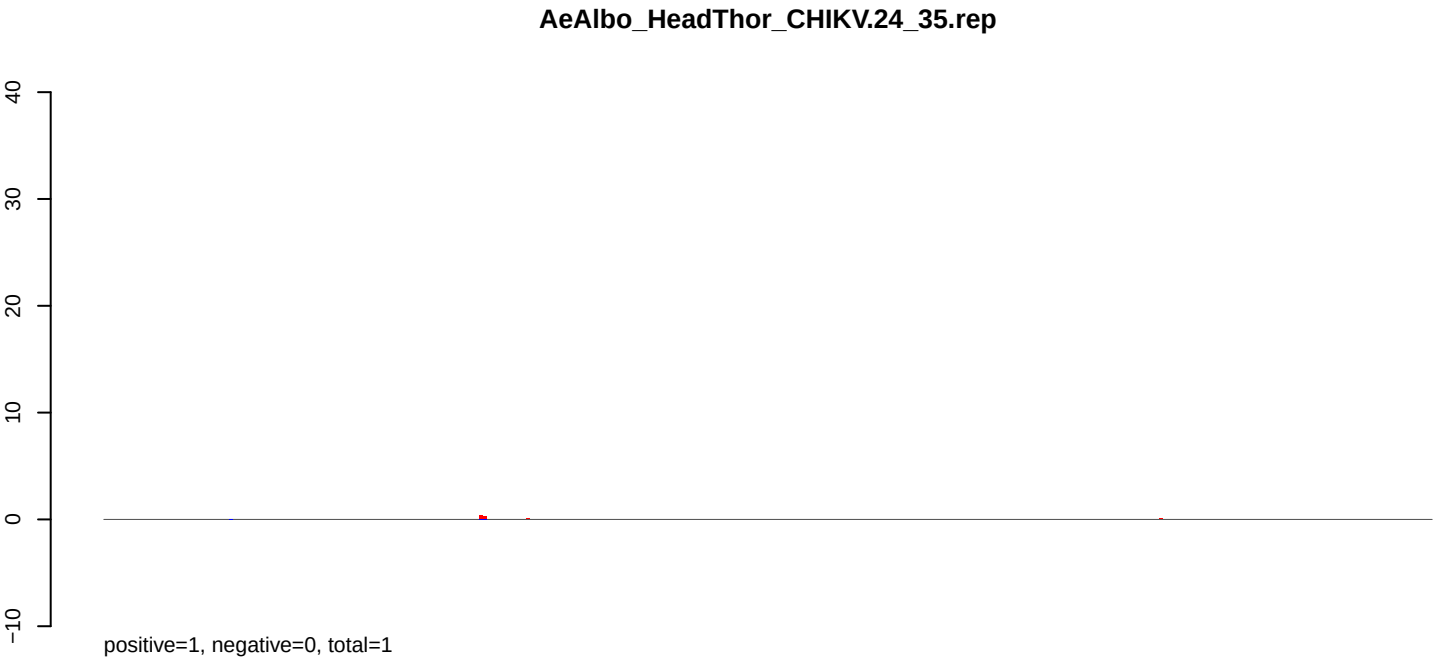

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=7, negative=4, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=8, negative=6, total=14
Window size=25, length=6926, TE@ltr−1_family−3179@LINE_RTE−BovB:1−6926
0
1000
2000
3000
4000
5000
6000
7000

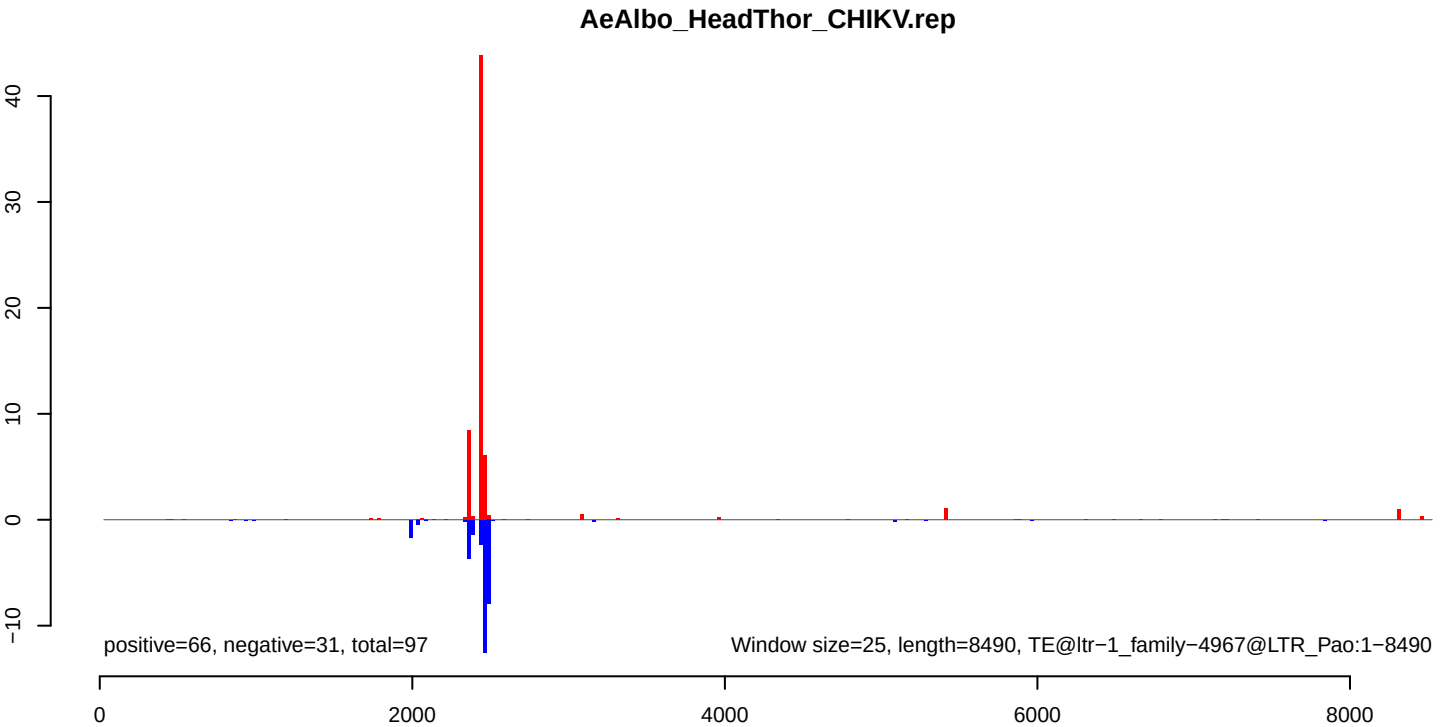

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=26, negative=15, total=41
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=28, negative=18, total=46
Window size=25, length=1620, TE@rnd−4_family−1586@Unknown:1−1620
6
4
2
0
−2
0
500
1000
1500

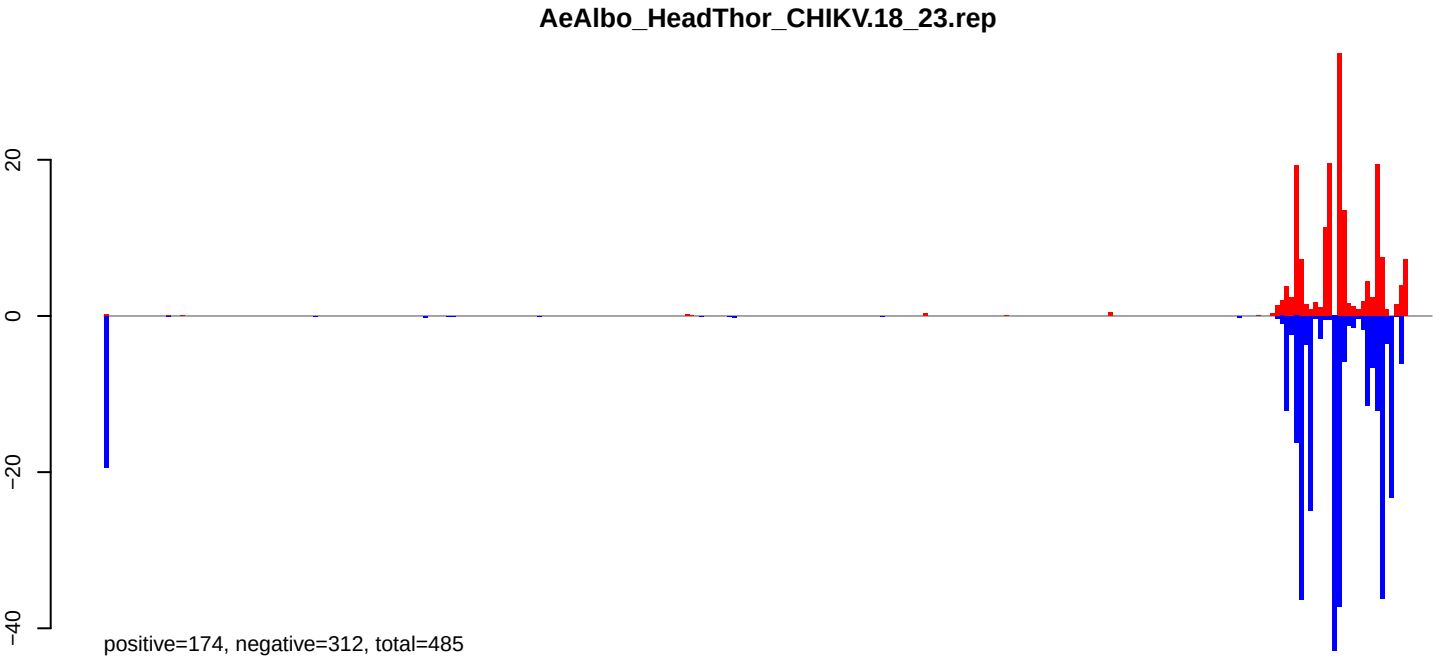

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=20, total=20
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=26, total=29
Window size=25, length=5440, TE@ltr−1_family−5558@LTR_Gypsy:1−5440
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=4, negative=22, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=4, negative=22, total=26
Window size=25, length=5806, TE@ltr−1_family−5396@LTR_Pao:1−5806
0
1000
2000
3000
4000
5000
6000

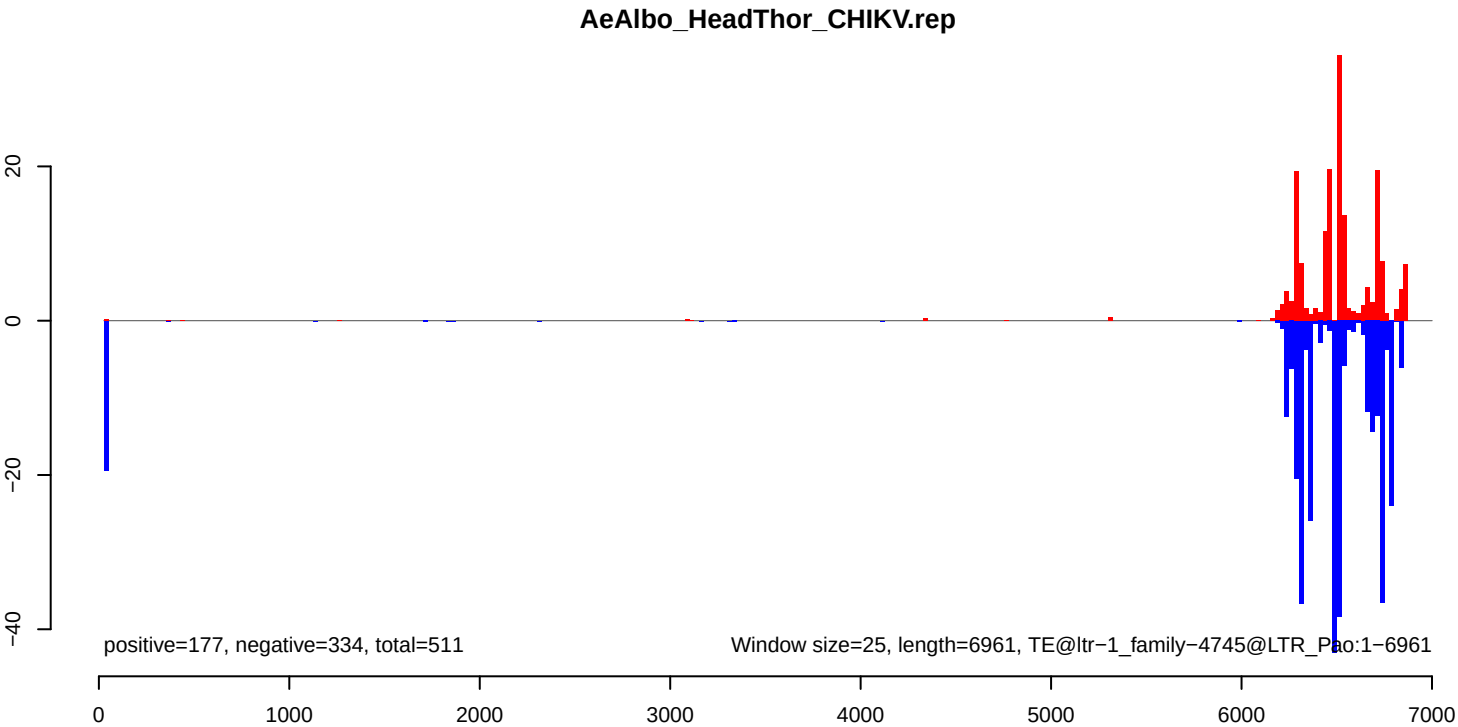

AeAlbo_HeadThor_CHIKV.18_23.rep
40
30
20
10
0
−10
positive=65, negative=31, total=96

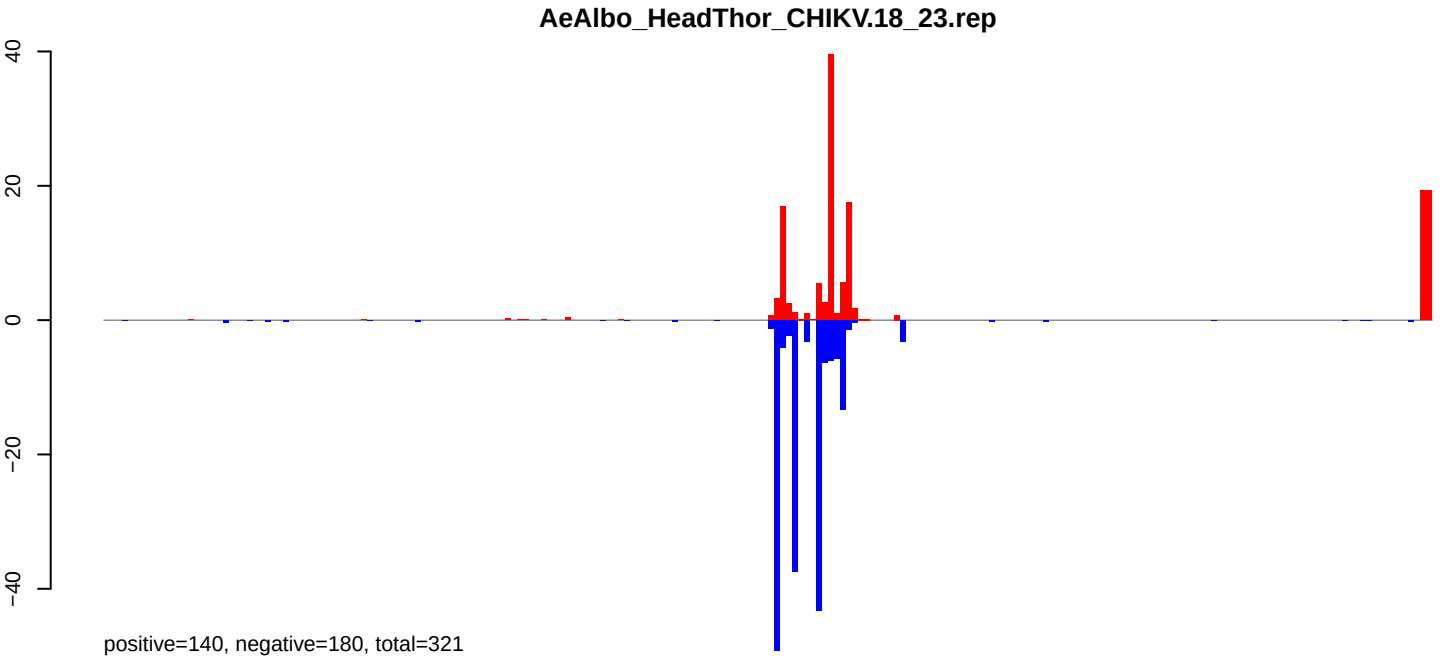

AeAlbo_HeadThor_CHIKV.24_35.rep
40
30
20
10
0
−10
positive=1, negative=0, total=1

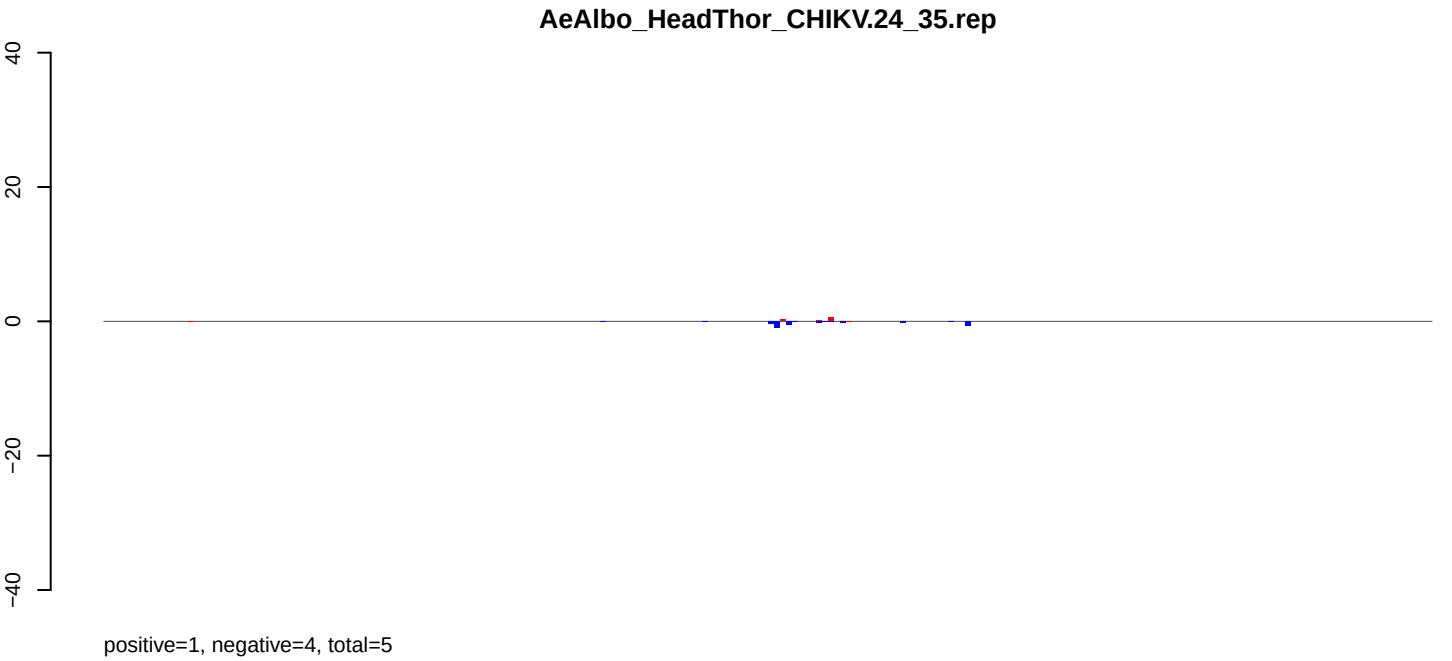

AeAlbo_HeadThor_CHIKV.rep
40
30
20
10
0
−10
positive=66, negative=31, total=97
Window size=25, length=8490, TE@ltr−1_family−4967@LTR_Pao:1−8490
0
2000
4000
6000
8000

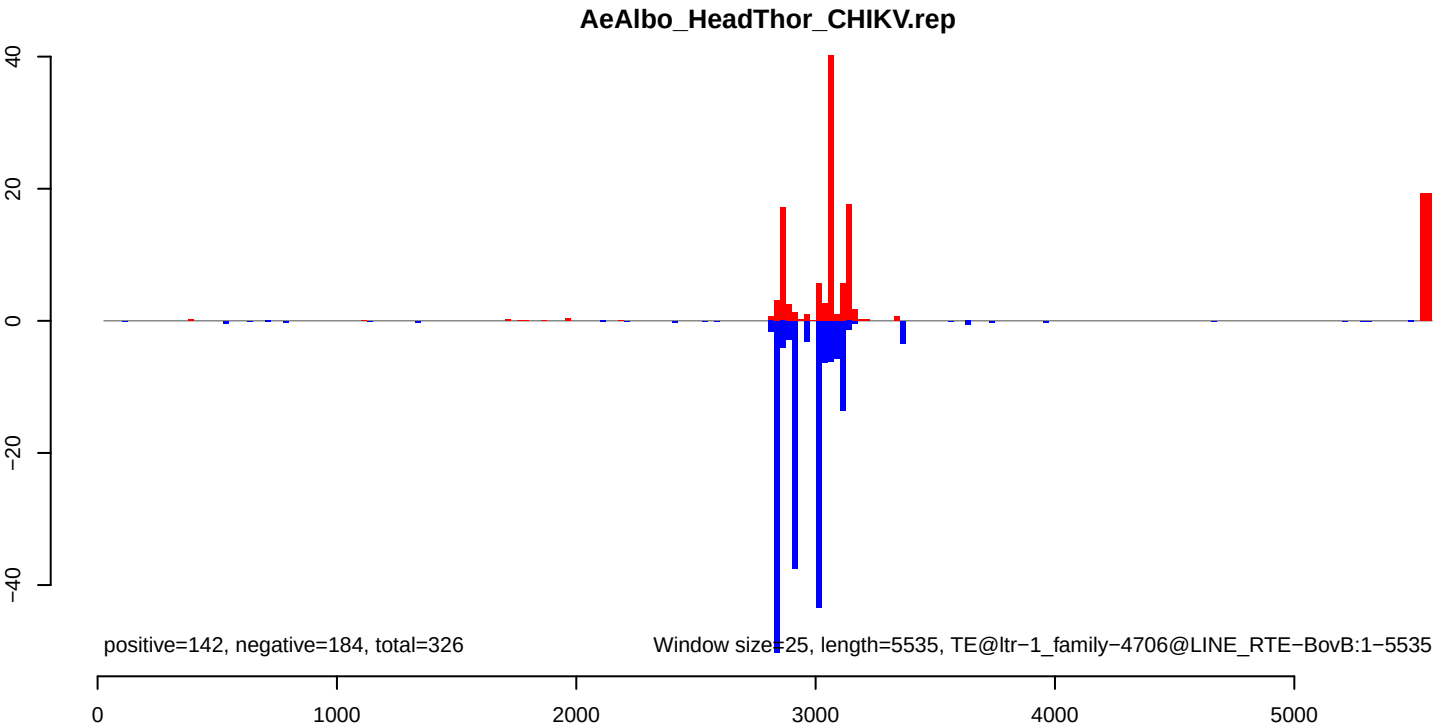

AeAlbo_HeadThor_CHIKV.18_23.rep
20
0
−20
−40
positive=174, negative=312, total=485

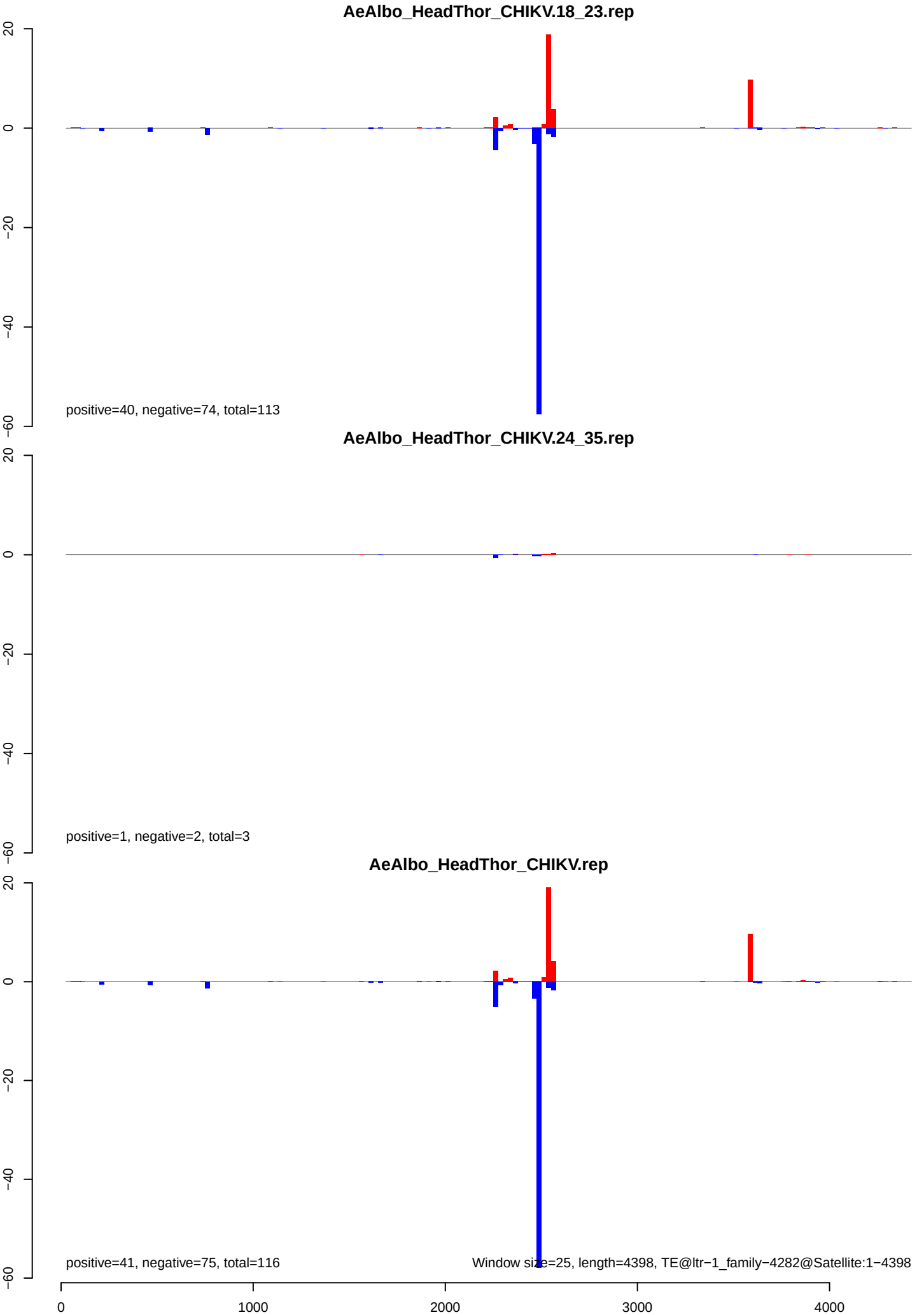
AeAlbo_HeadThor_CHIKV.24_35.rep
20
0
−20
−40
positive=3, negative=22, total=25

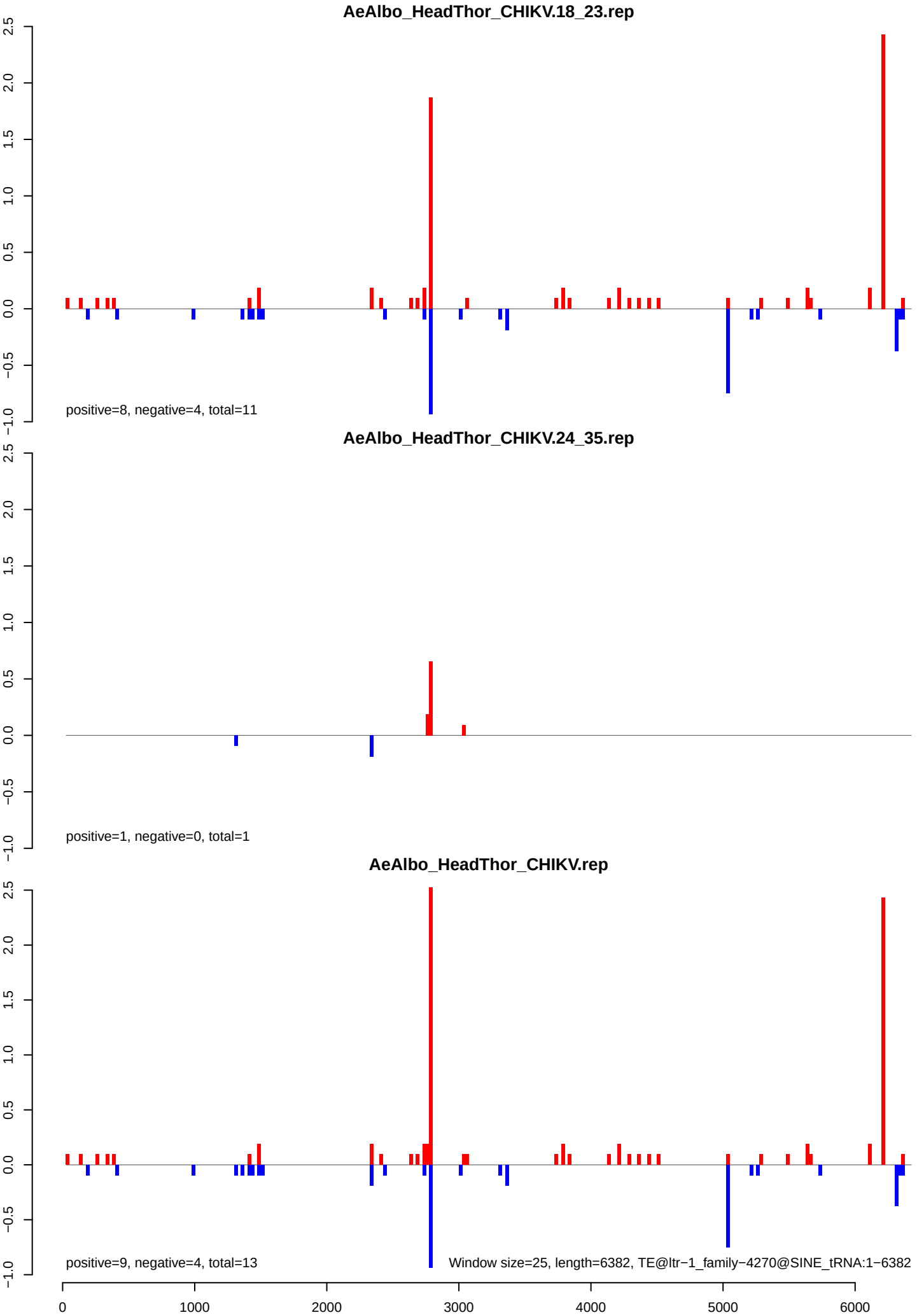

AeAlbo_HeadThor_CHIKV.rep
20
0
−20
−40
positive=177, negative=334, total=511
Window size=25, length=6961, TE@ltr−1_family−4745@LTR_Pao:1−6961
0
1000
2000
3000
4000
5000
6000
7000

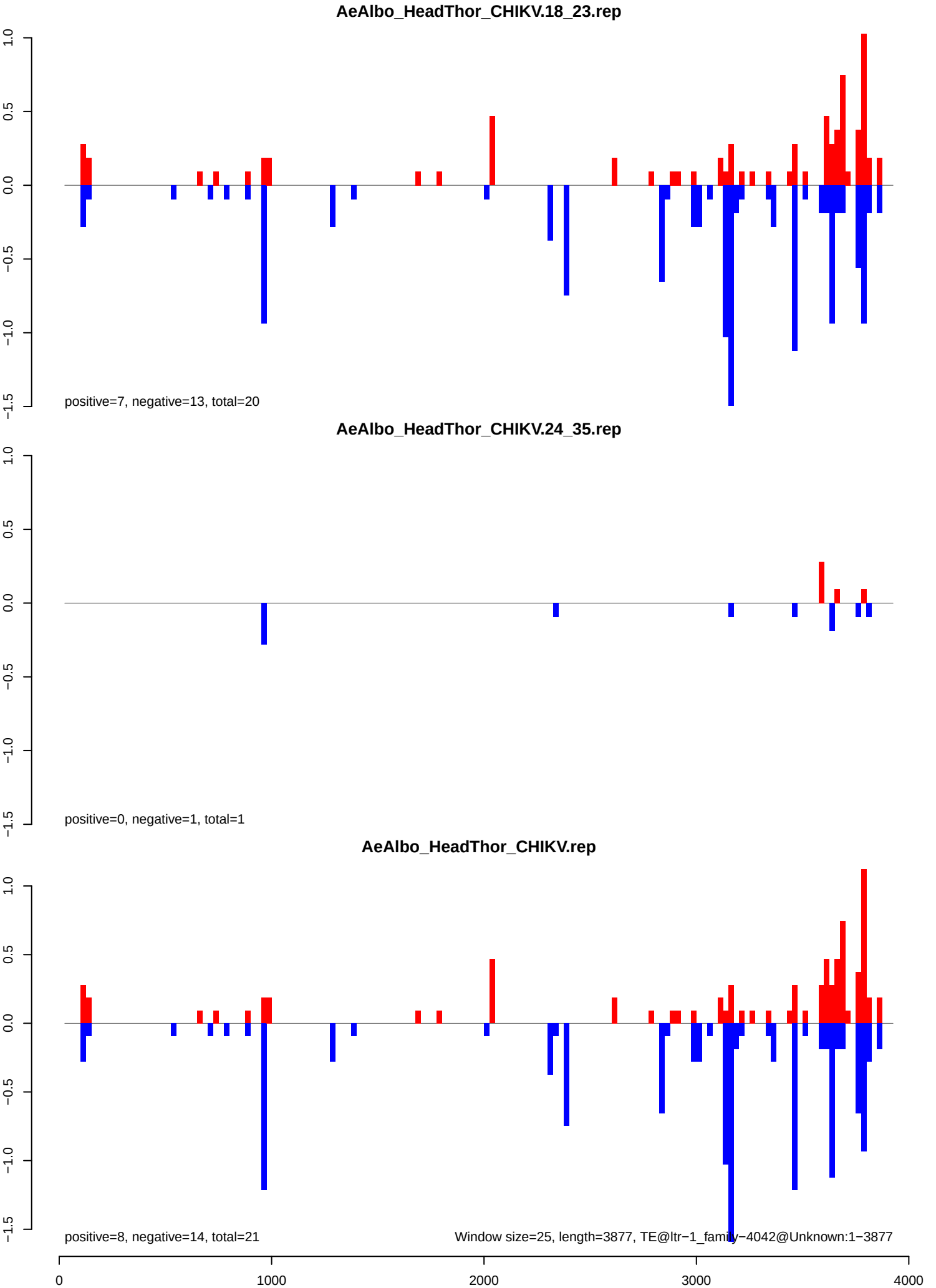

AeAlbo_HeadThor_CHIKV.18_23.rep
40
20
0
−20
−40
positive=140, negative=180, total=321

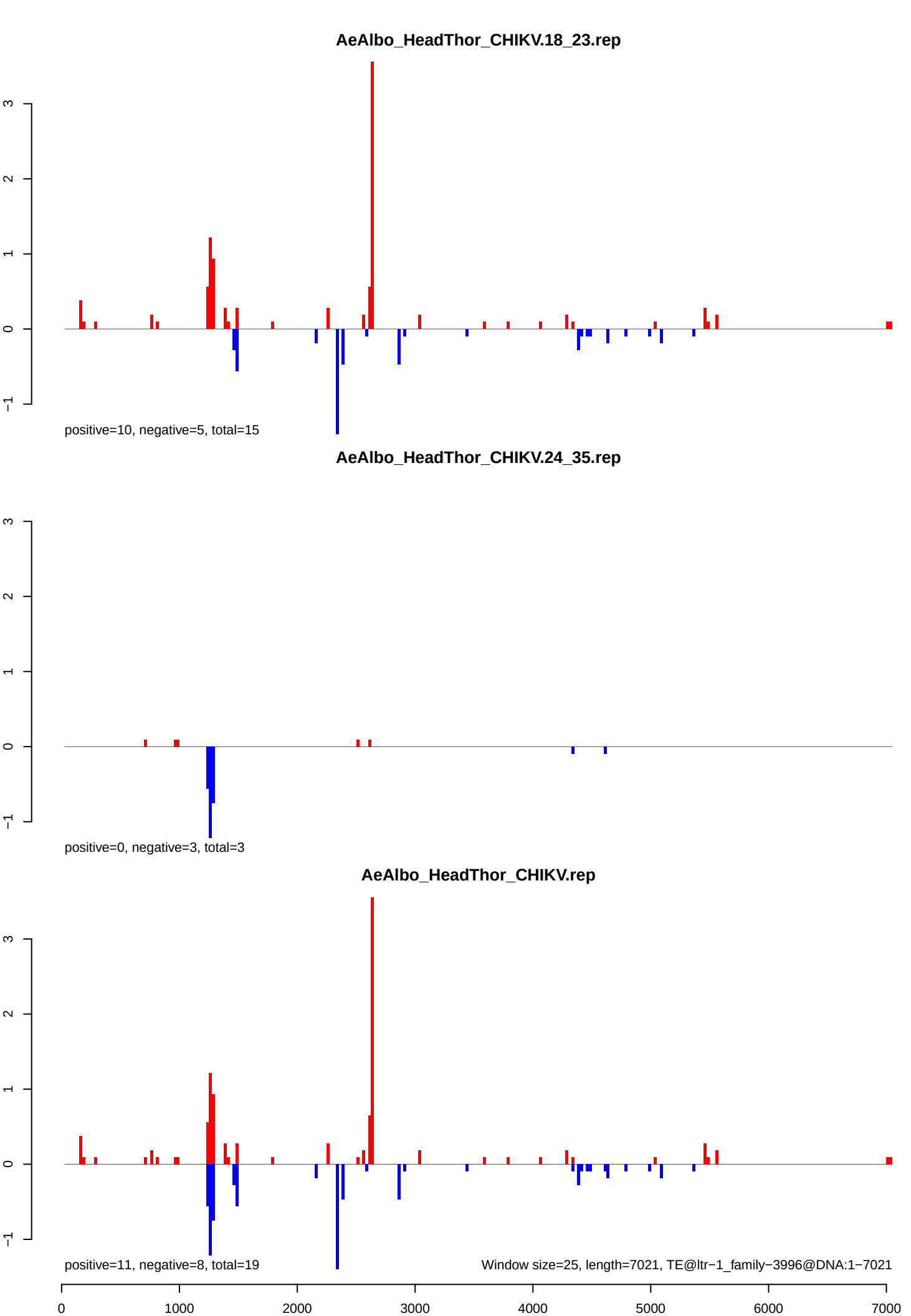

AeAlbo_HeadThor_CHIKV.24_35.rep
40
20
0
−20
−40
positive=1, negative=4, total=5

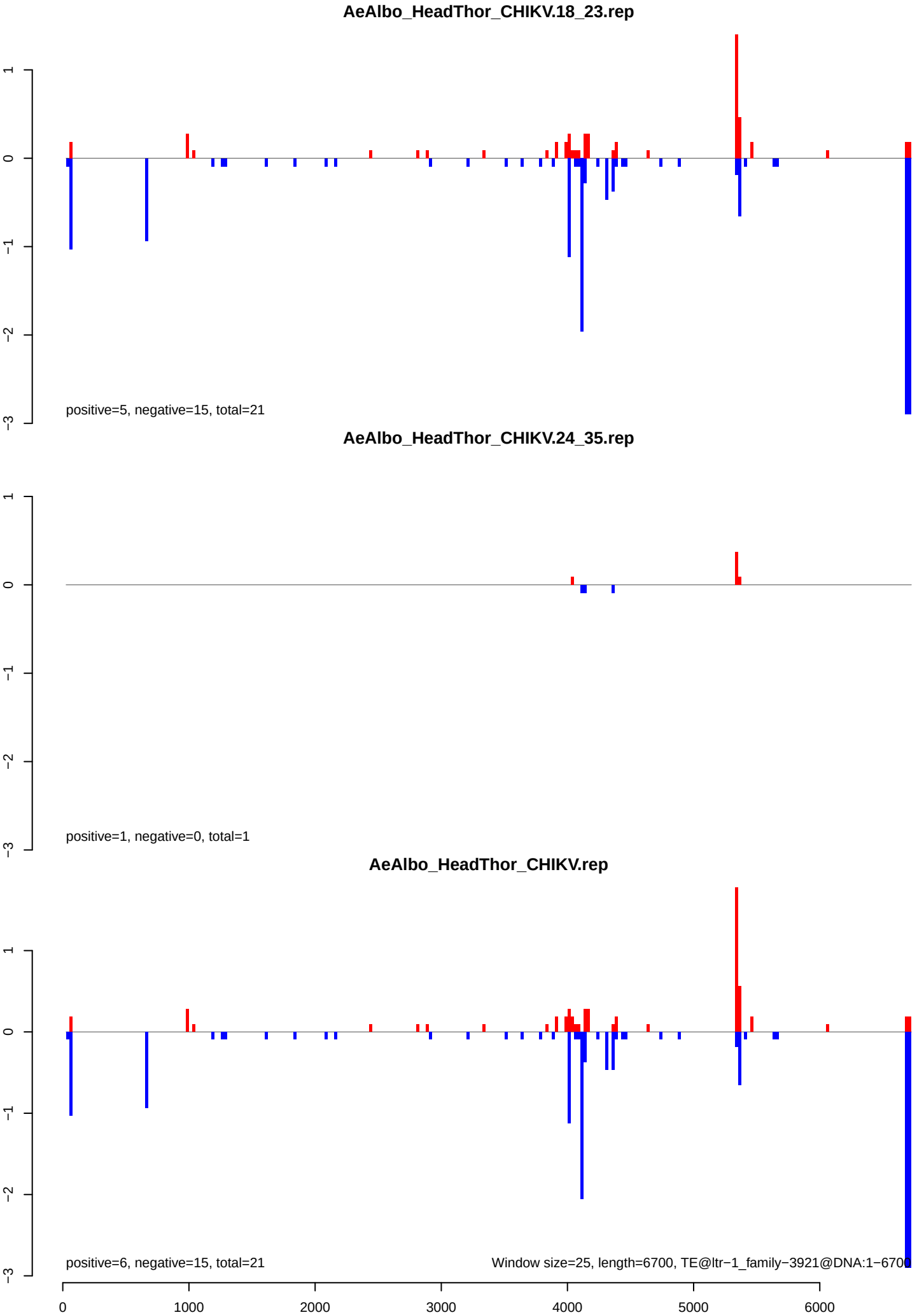

AeAlbo_HeadThor_CHIKV.rep
40
20
0
−20
−40
positive=142, negative=184, total=326
Window size=25, length=5535, TE@ltr−1_family−4706@LINE_RTE−BovB:1−5535
0
1000
2000
3000
4000
5000

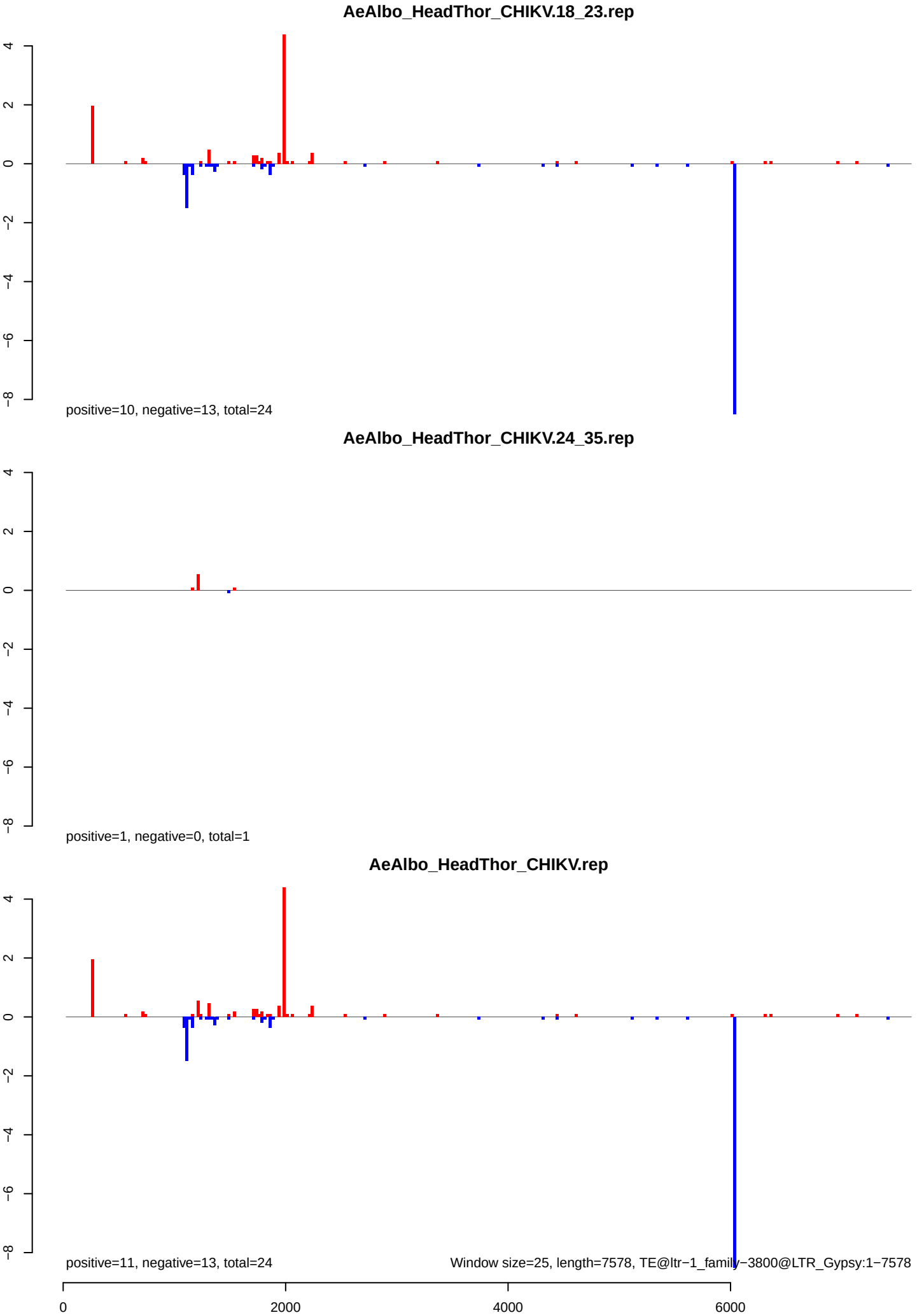

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=40, negative=74, total=113
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=41, negative=75, total=116
Window size=25, length=4398, TE@ltr−1_family−4282@Satellite:1−4398
20
0
−20
−40
−60
0
1000
2000
3000
4000

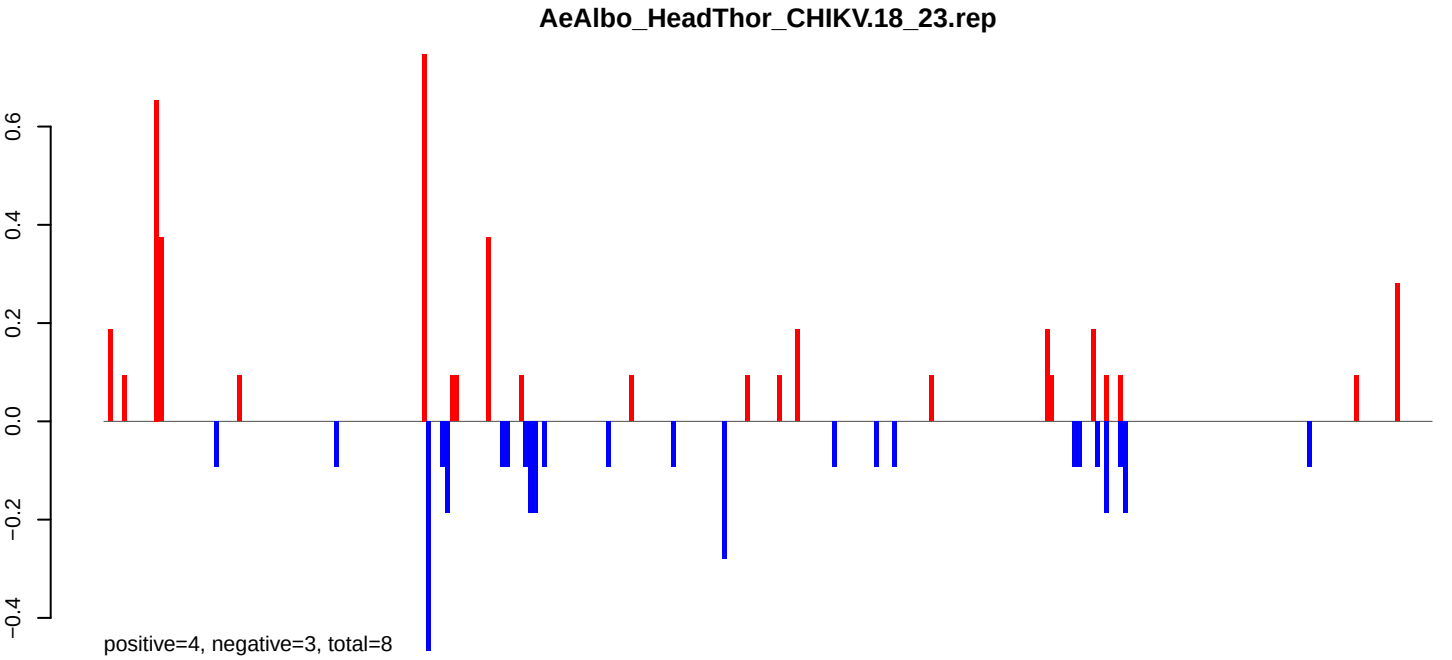

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=4, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=4, total=13
Window size=25, length=6382, TE@ltr−1_family−4270@SINE_tRNA:1−6382
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
1000
2000
3000
4000
5000
6000

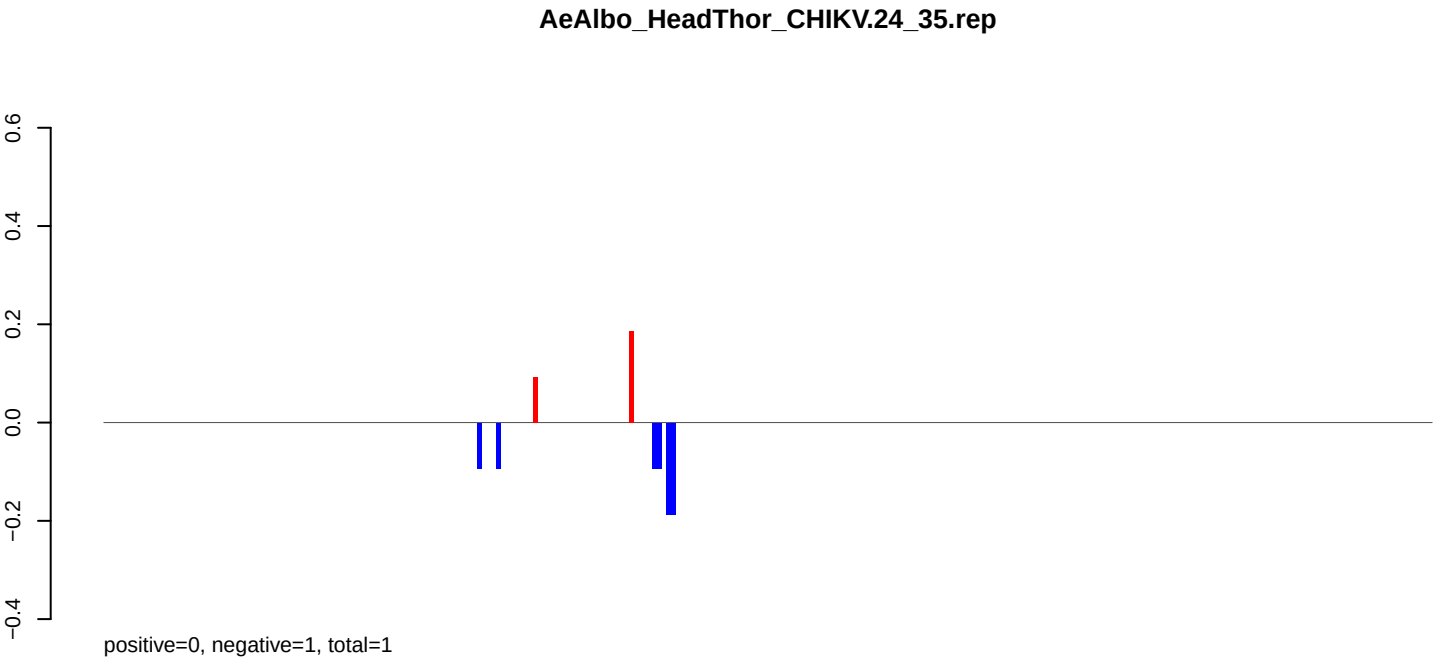

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=13, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=14, total=21
Window size=25, length=3877, TE@ltr−1_family−4042@Unknown:1−3877
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
1000
2000
3000
4000

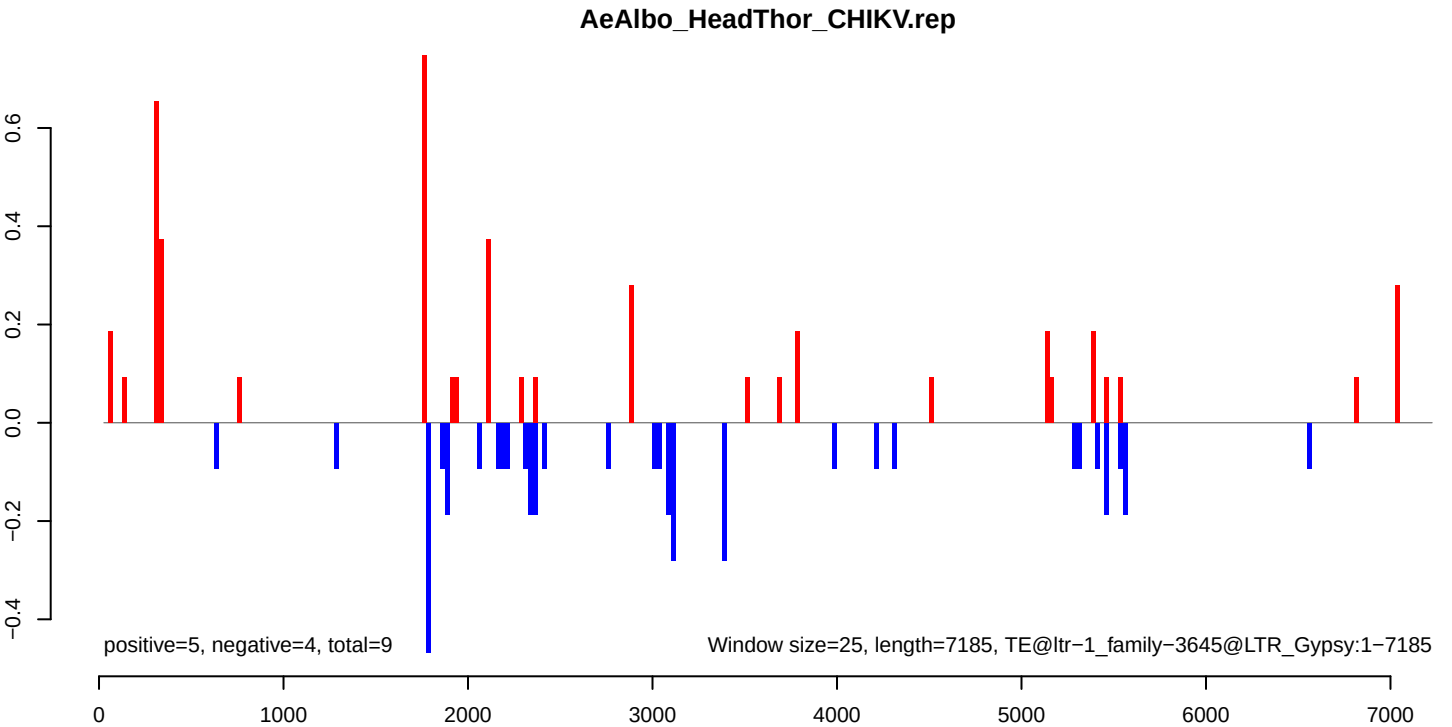

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=5, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=8, total=19
Window size=25, length=7021, TE@ltr−1_family−3996@DNA:1−7021
3
2
1
0
−1
0
1000
2000
3000
4000
5000
6000
7000

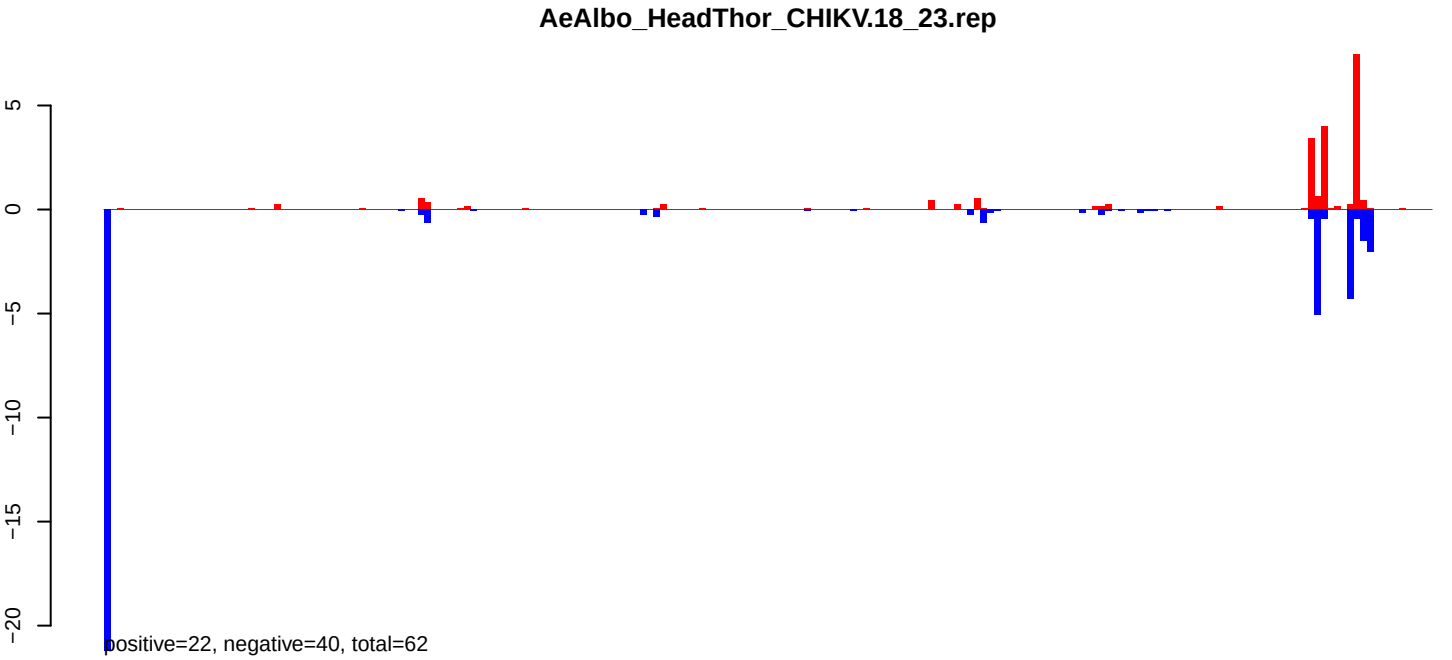

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=15, total=21
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=15, total=21
Window size=25, length=6700, TE@ltr−1_family−3921@DNA:1−6700
1
0
−1
−2
−3
0
1000
2000
3000
4000
5000
6000

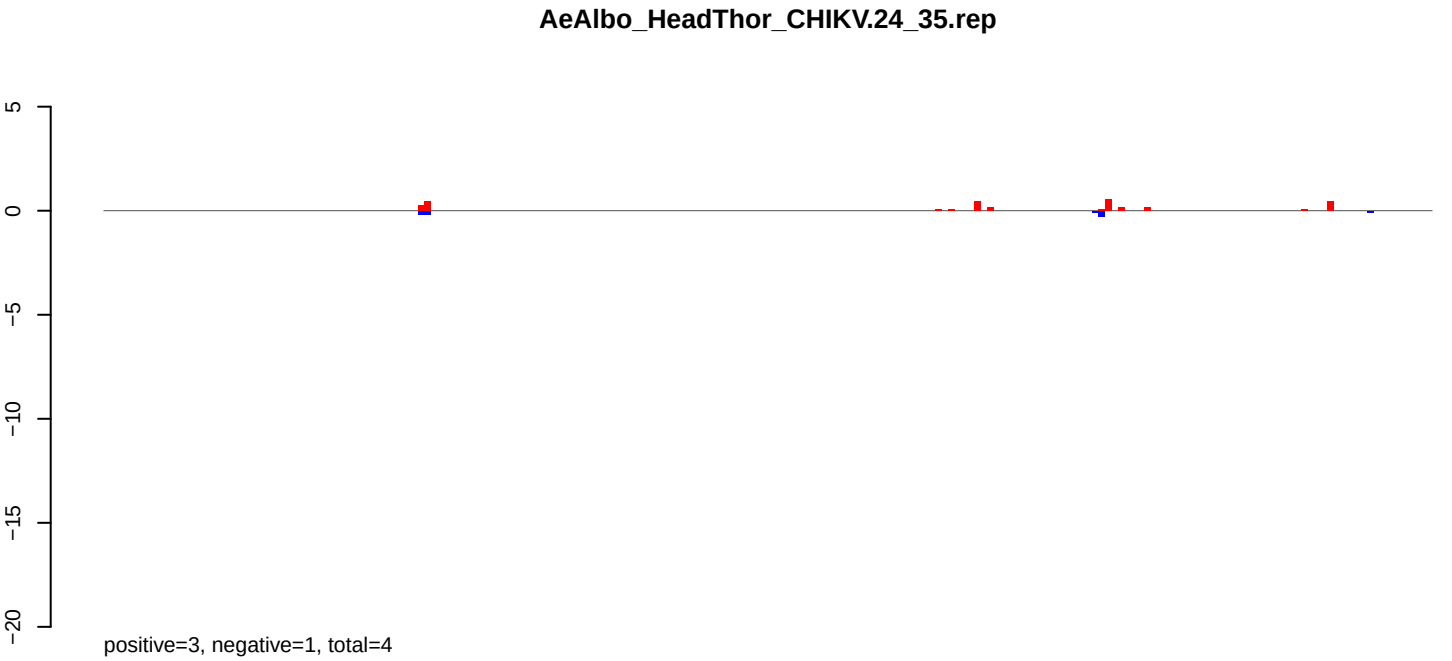

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=13, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=13, total=24
Window size=25, length=7578, TE@ltr−1_family−3800@LTR_Gypsy:1−7578
0
2000
4000
6000

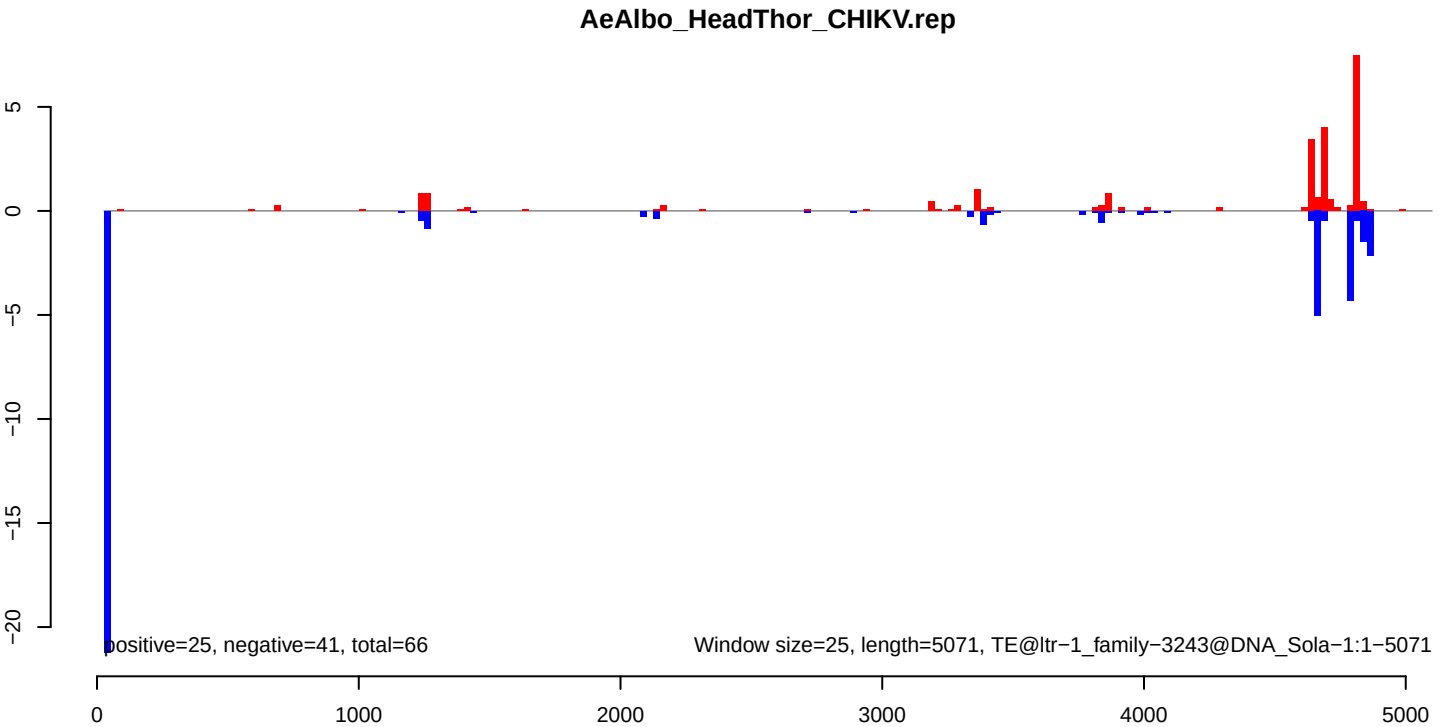

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=4, negative=3, total=8

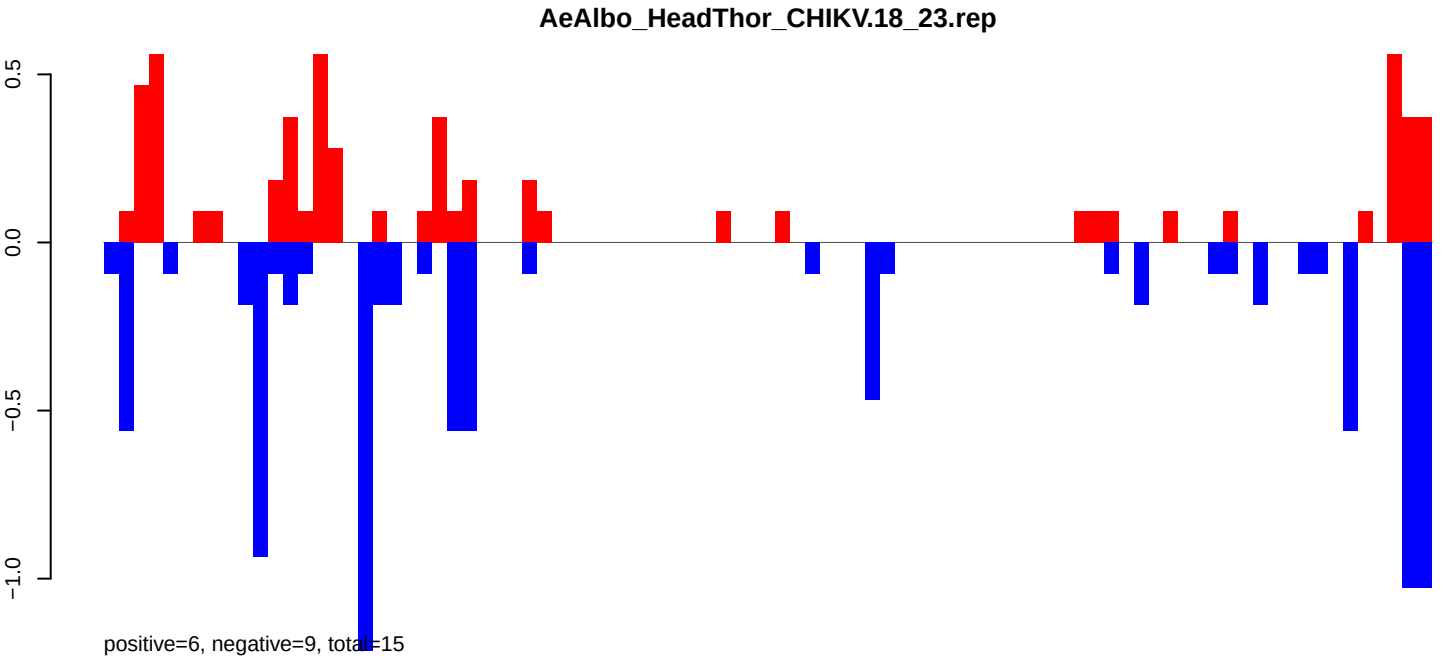

AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1

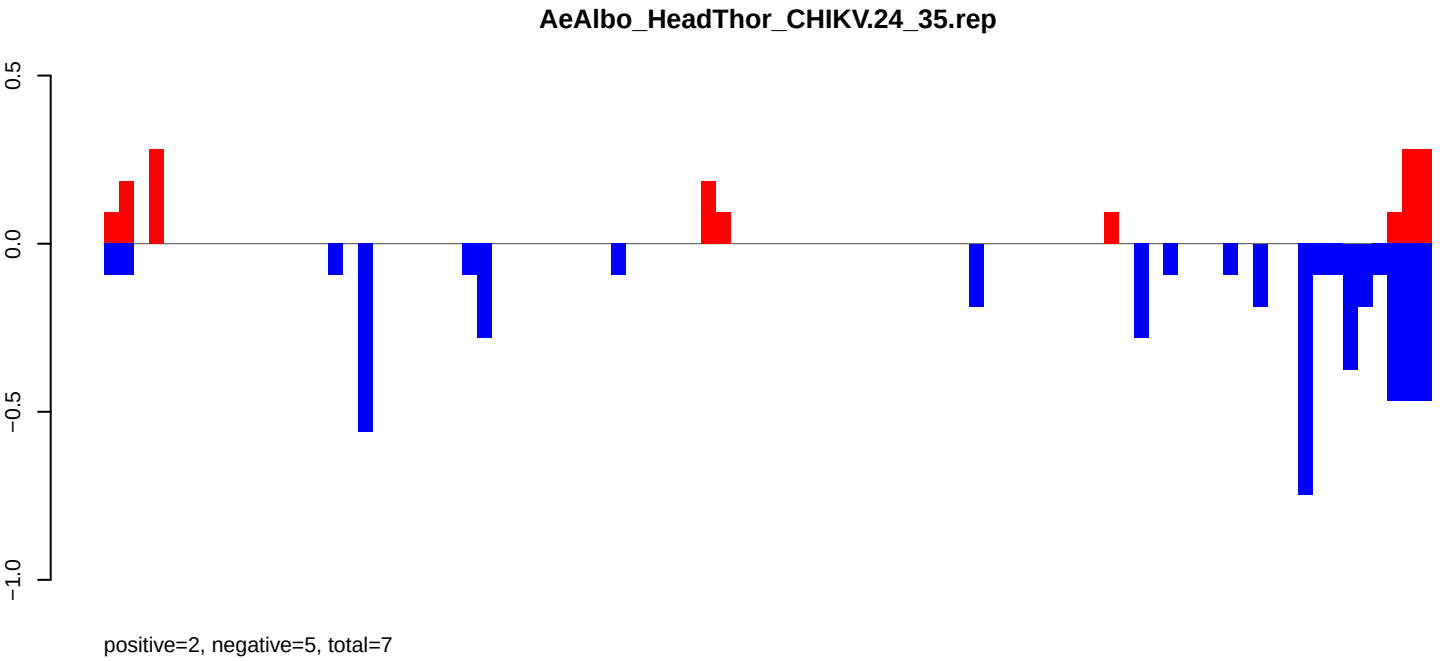

AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=5, negative=4, total=9
Window size=25, length=7185, TE@ltr−1_family−3645@LTR_Gypsy:1−7185
0
1000
2000
3000
4000
5000
6000
7000

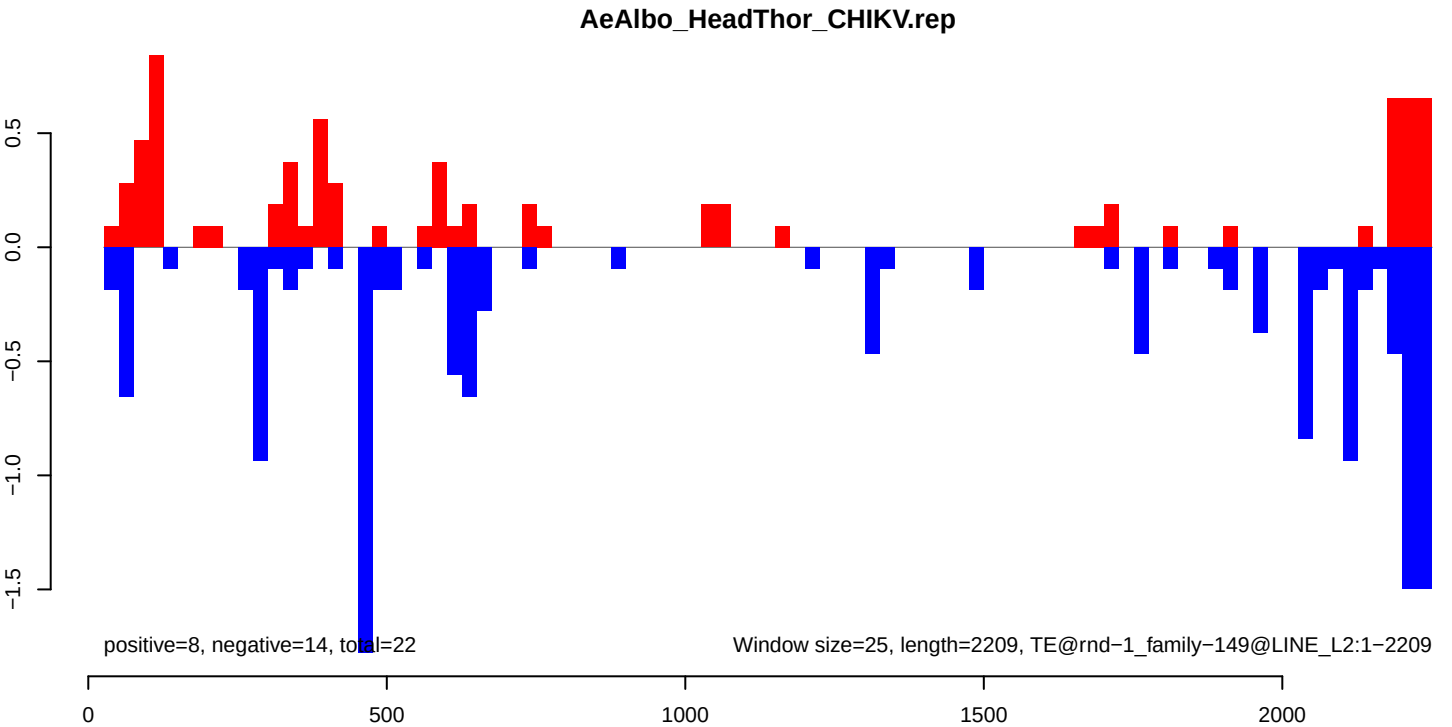

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
−15
−20
positive=22, negative=40, total=62

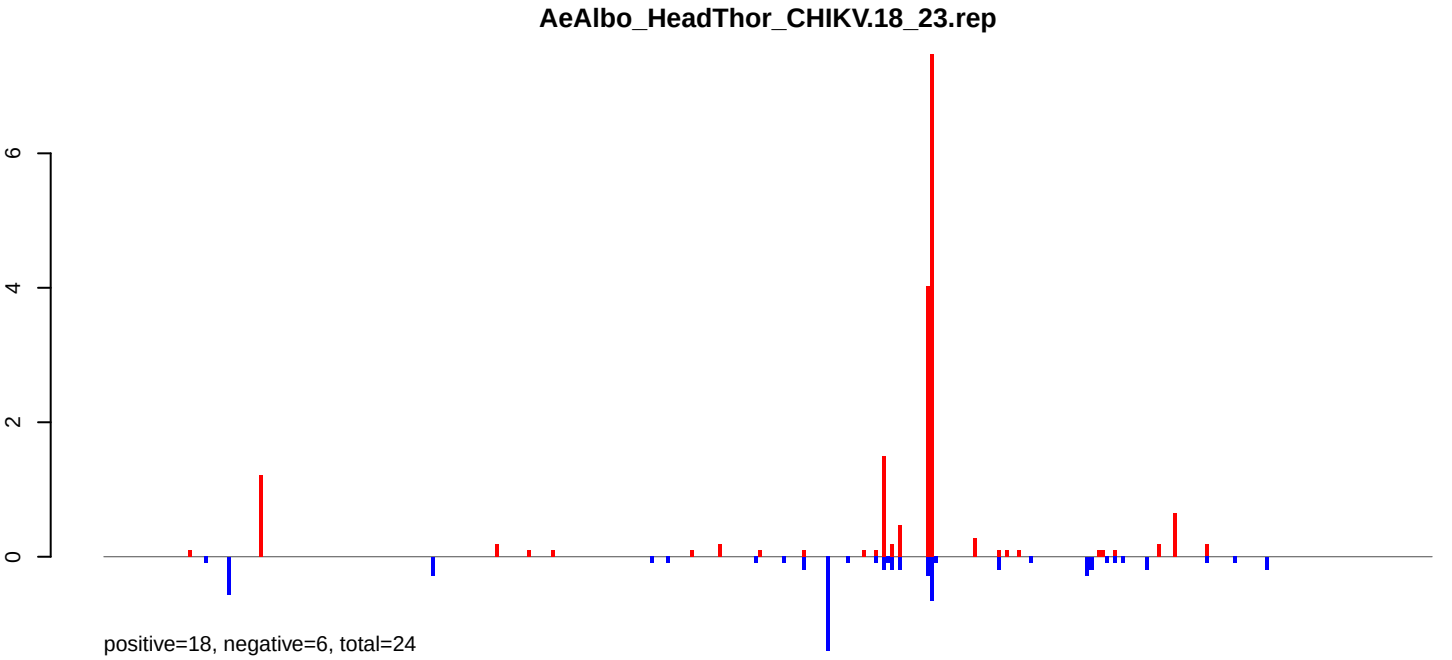

AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
−15
−20
positive=3, negative=1, total=4

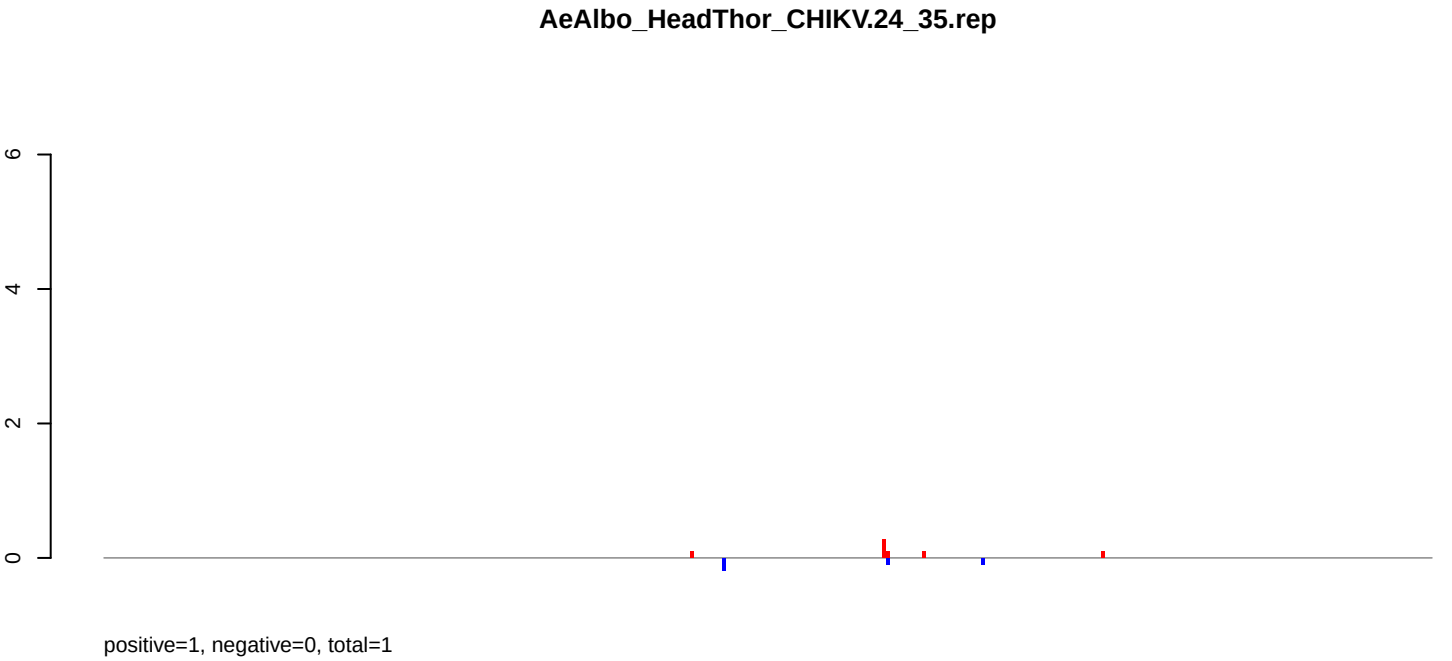

AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
−15
−20
positive=25, negative=41, total=66
Window size=25, length=5071, TE@ltr−1_family−3243@DNA_Sola−1:1−5071
0
1000
2000
3000
4000
5000

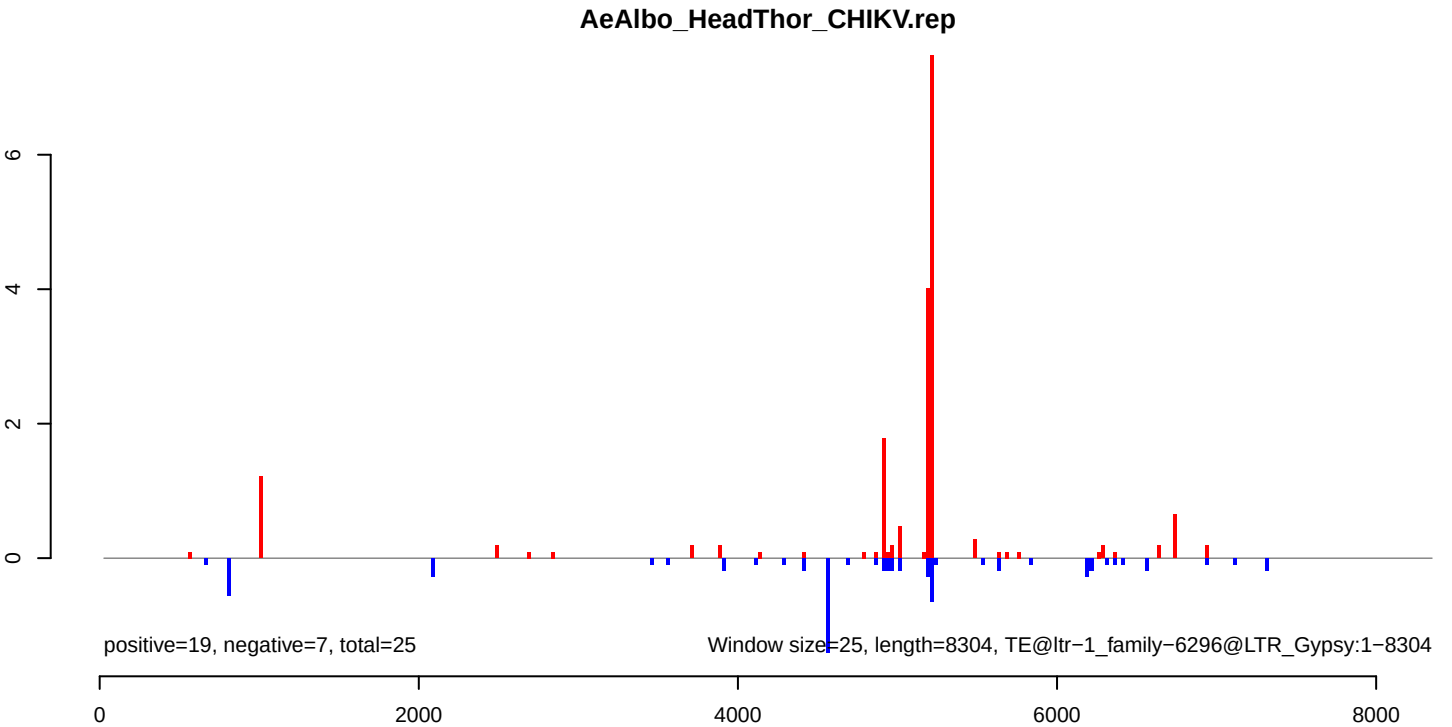

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=6, negative=9, total=15

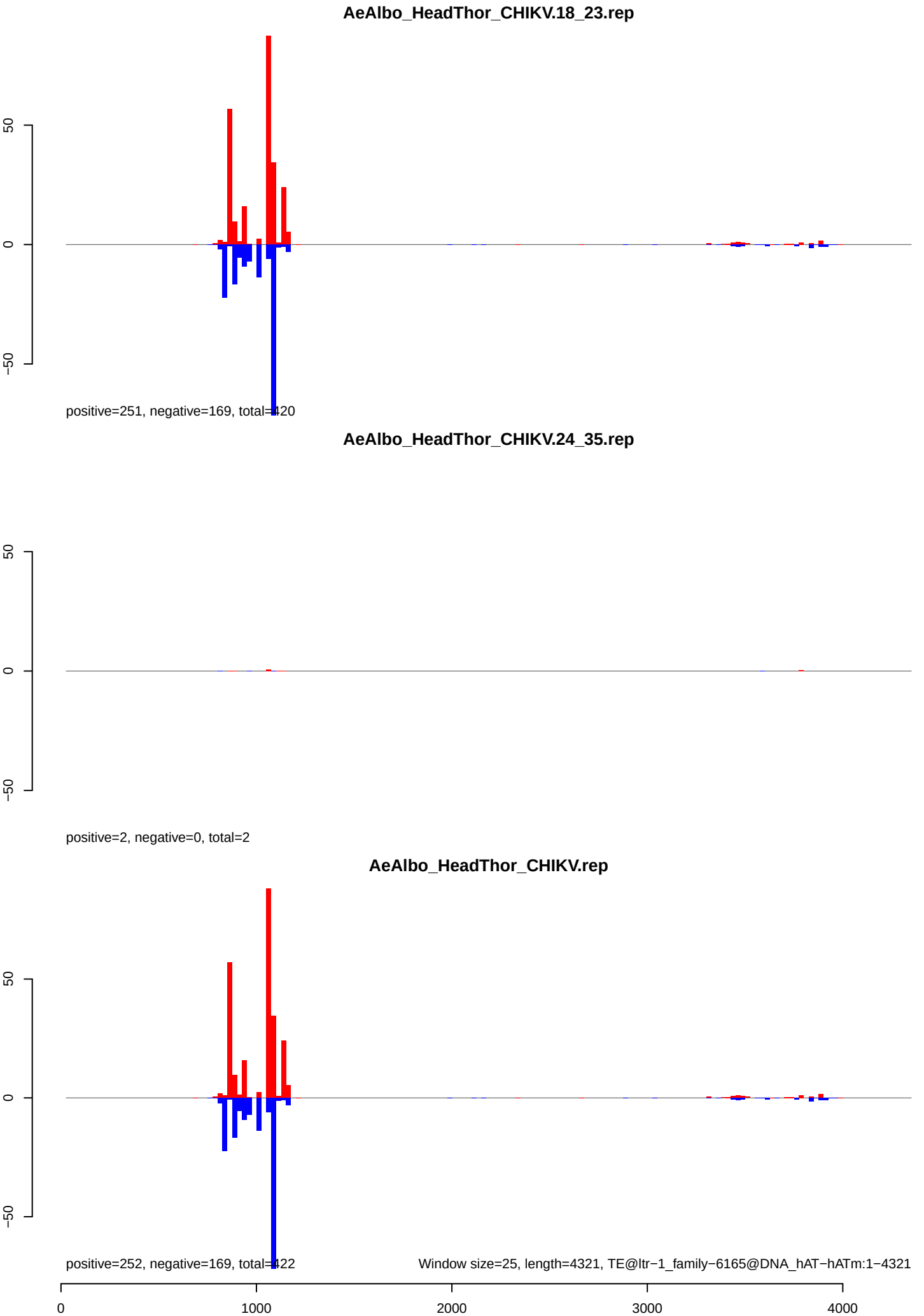

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=5, total=7

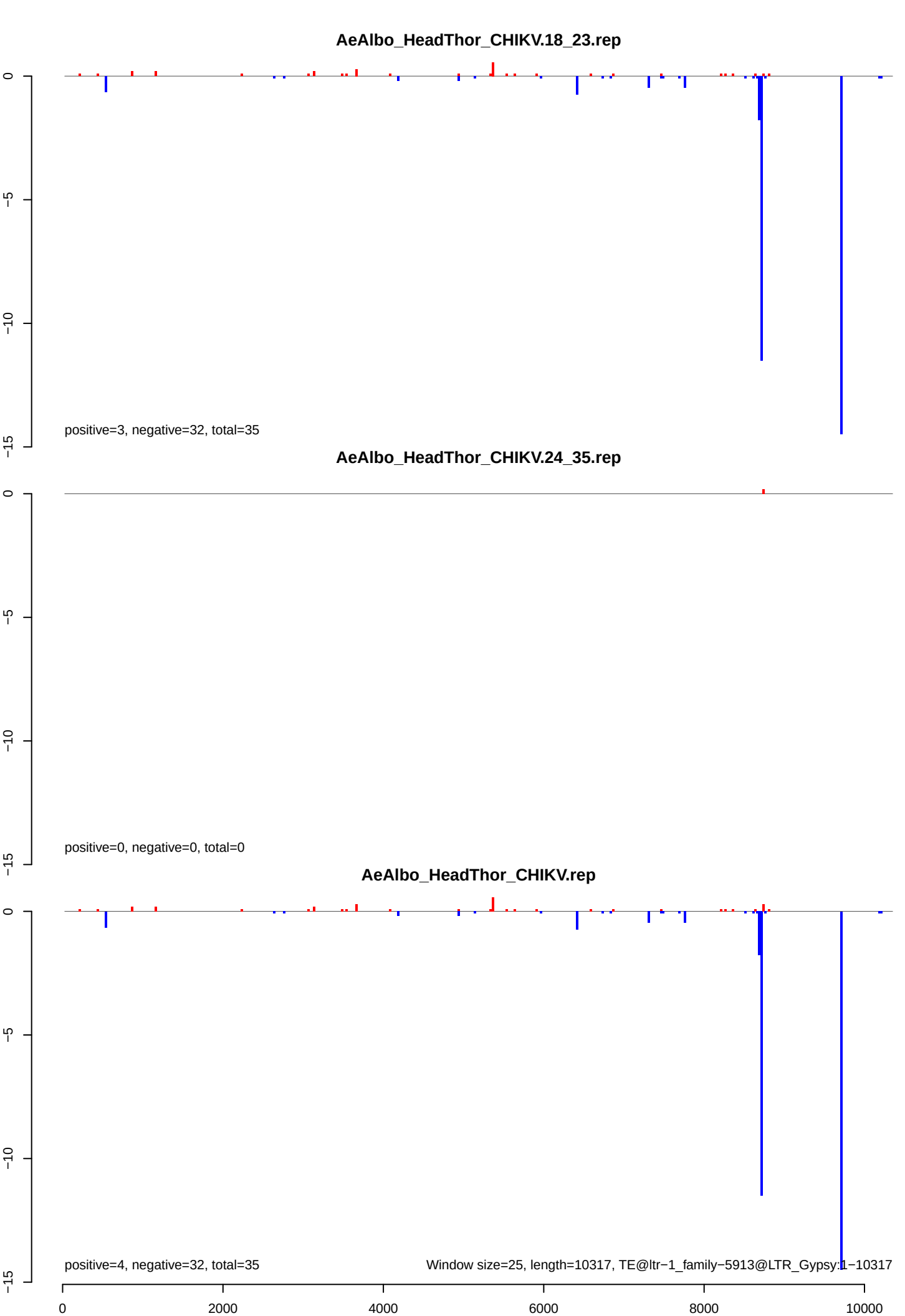

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=8, negative=14, total=22
Window size=25, length=2209, TE@rnd−1_family−149@LINE_L2:1−2209
0
500
1000
1500
2000

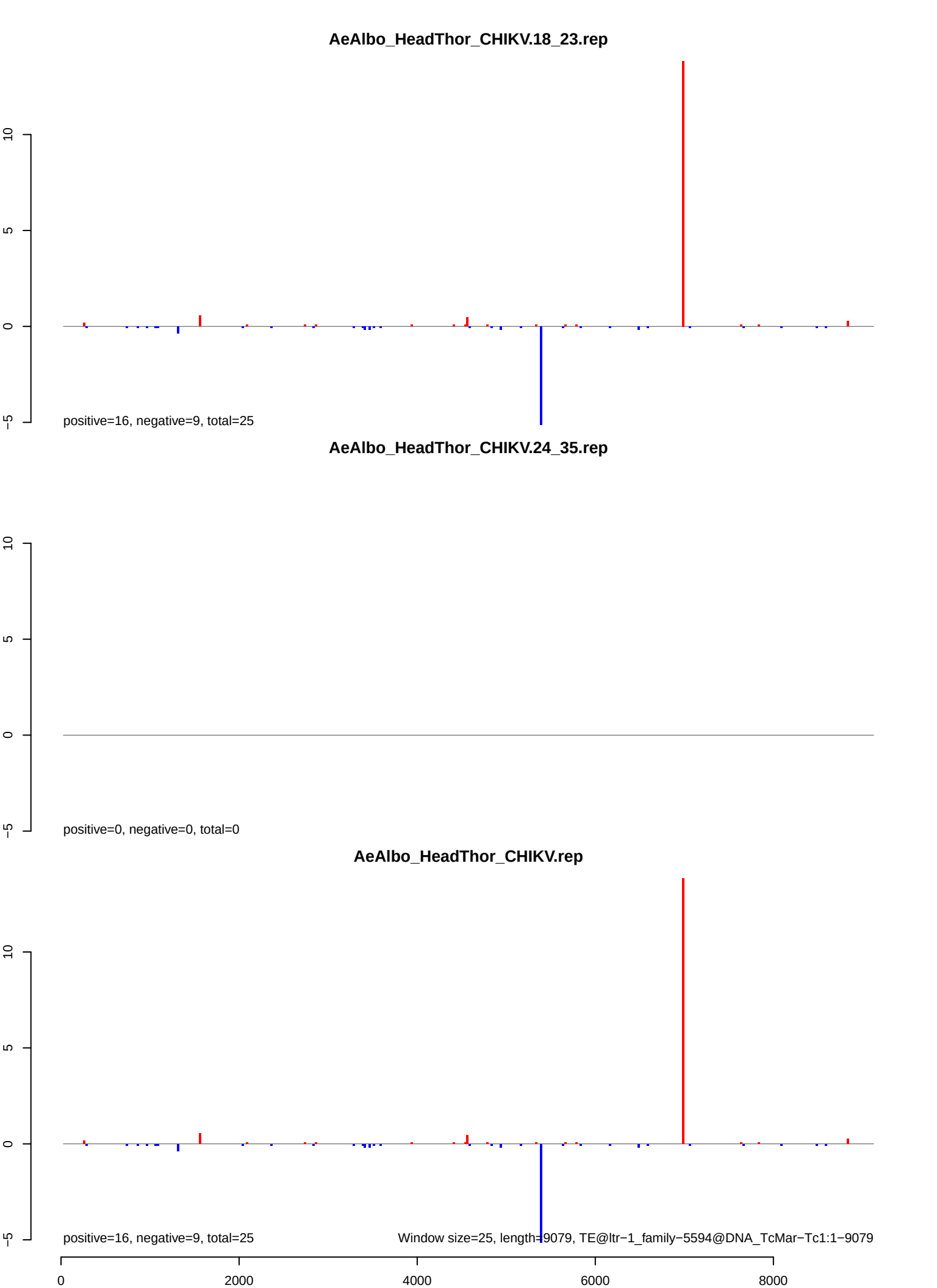

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
positive=18, negative=6, total=24

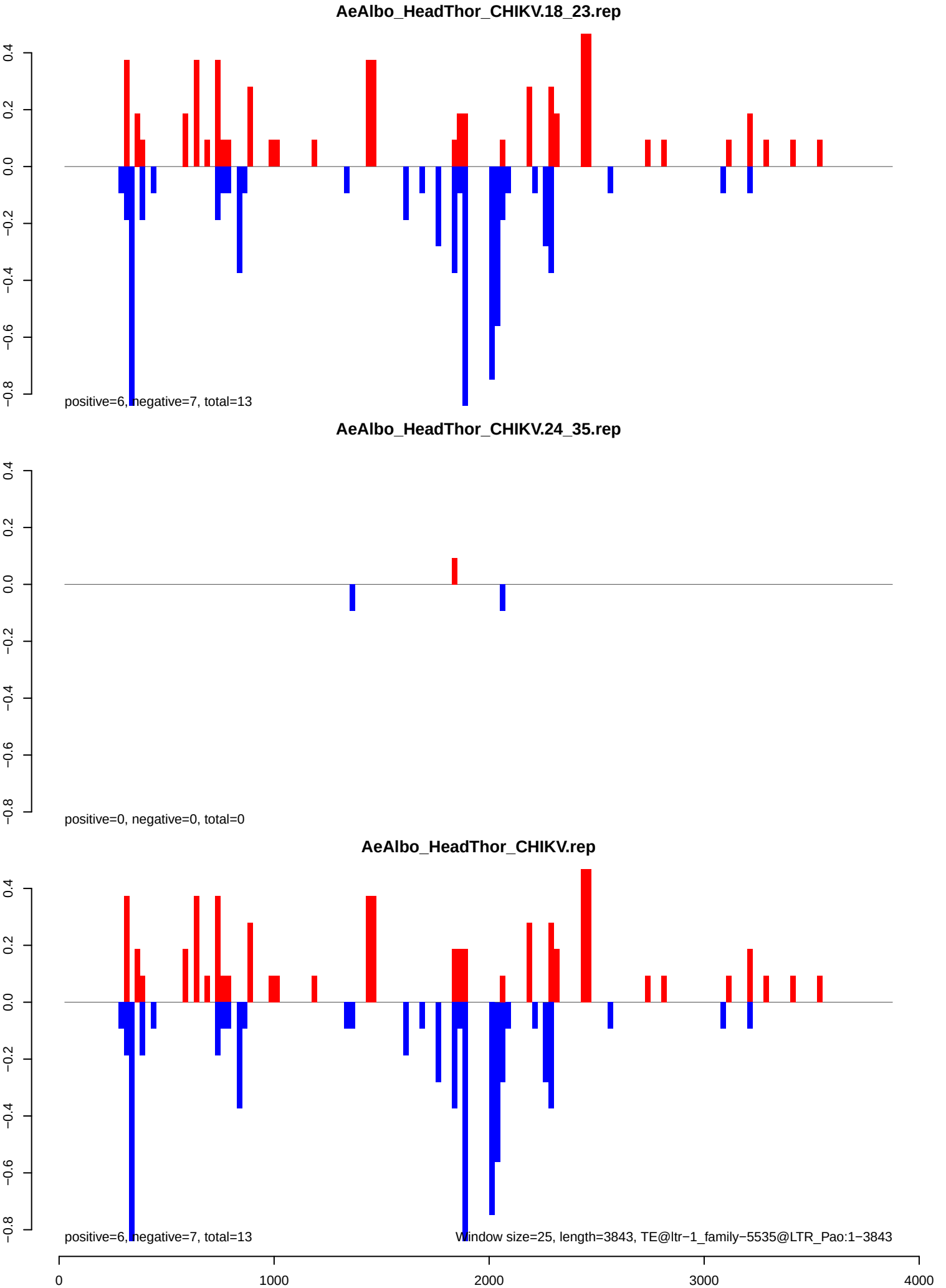

AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
positive=1, negative=0, total=1

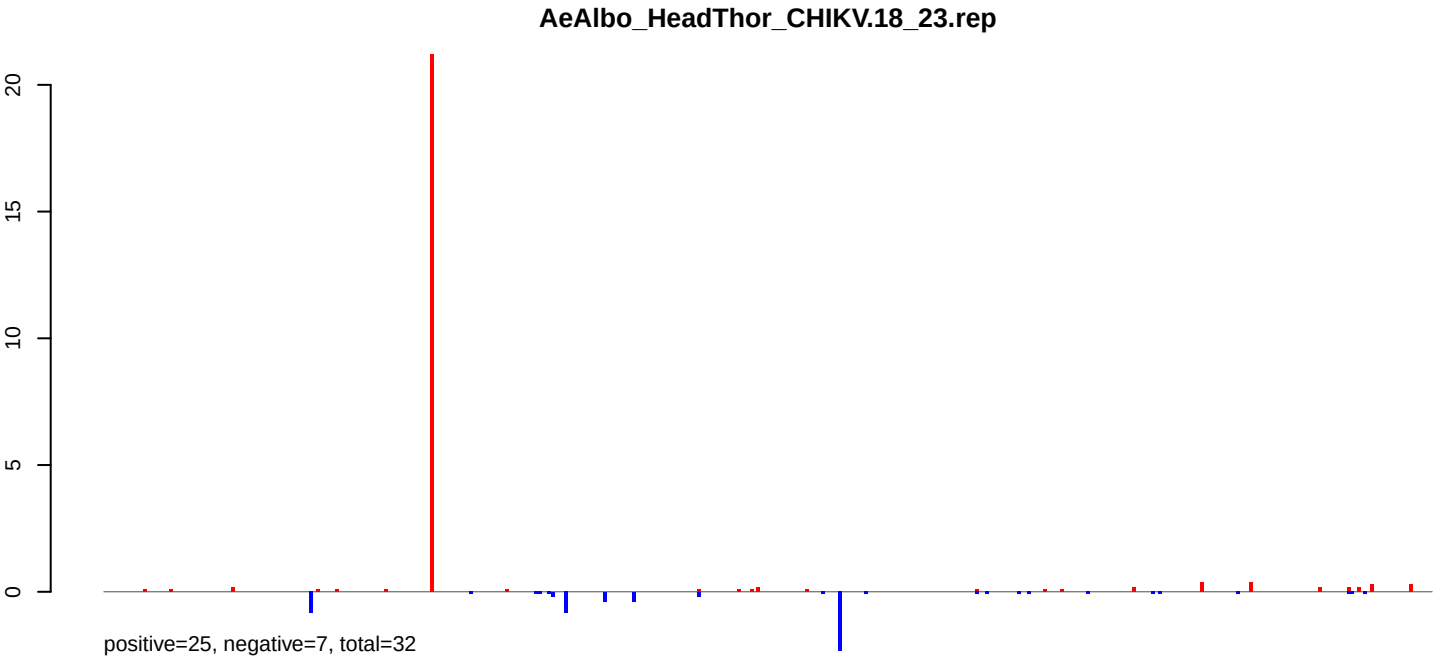

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
positive=19, negative=7, total=25
Window size=25, length=8304, TE@ltr−1_family−6296@LTR_Gypsy:1−8304
0
2000
4000
6000
8000

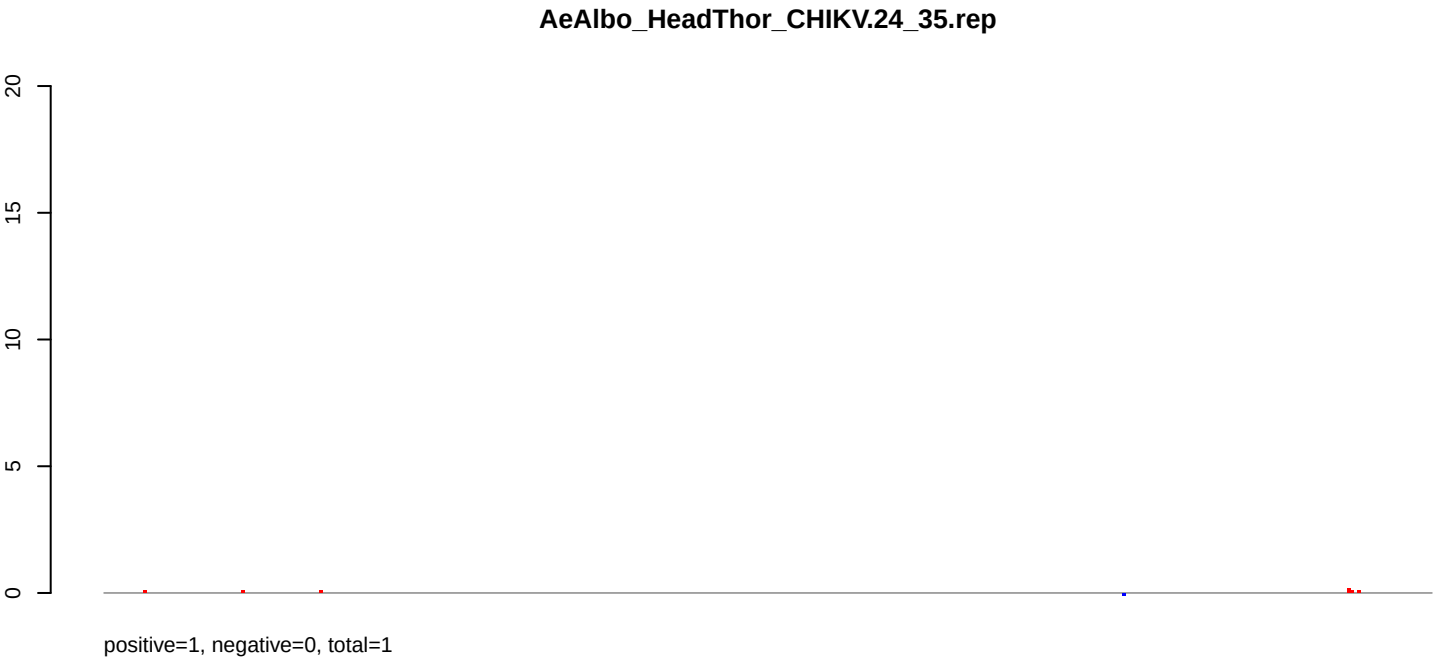

AeAlbo_HeadThor_CHIKV.18_23.rep
50
0
−50
positive=251, negative=169, total=420
AeAlbo_HeadThor_CHIKV.24_35.rep
50
0
−50
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
50
0
−50
positive=252, negative=169, total=422
Window size=25, length=4321, TE@ltr−1_family−6165@DNA_hAT−hATm:1−4321
0
1000
2000
3000
4000

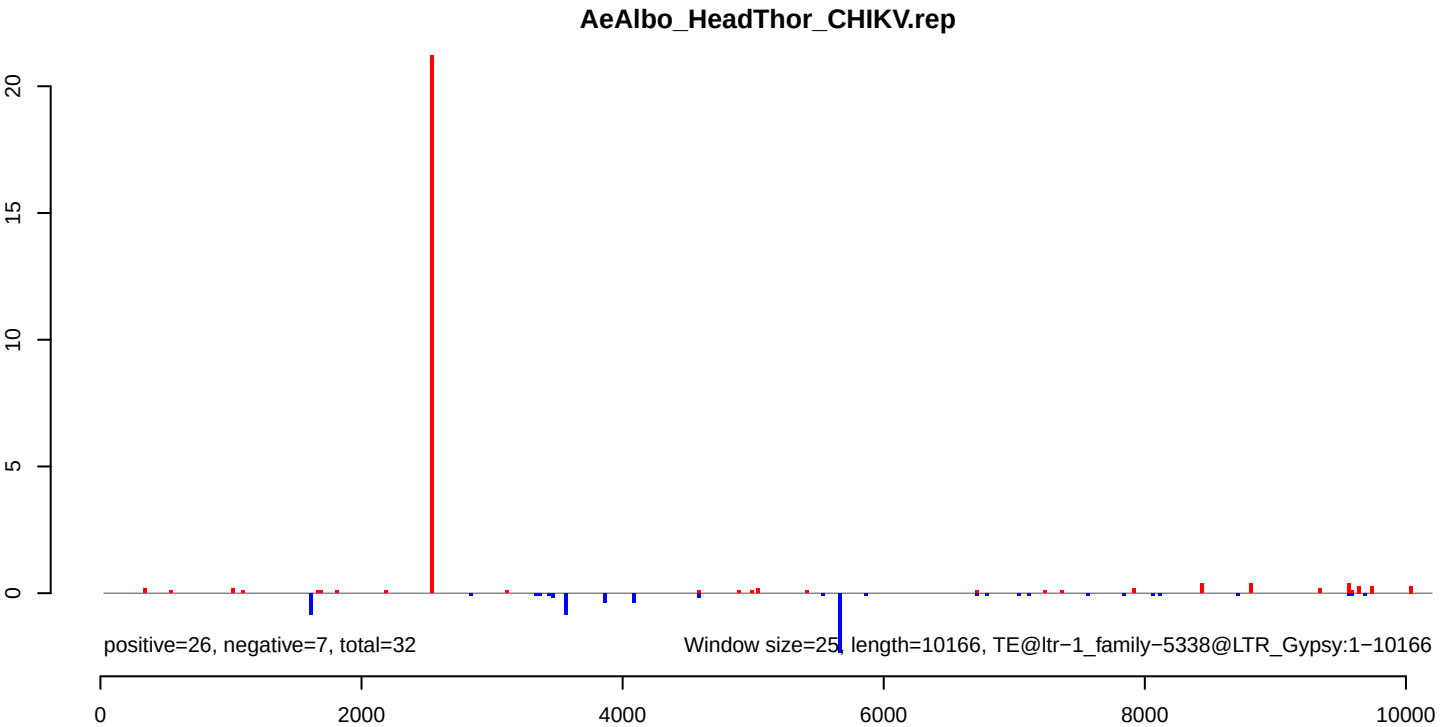

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=3, negative=32, total=35
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=4, negative=32, total=35
Window size=25, length=10317, TE@ltr−1_family−5913@LTR_Gypsy:1−10317
0
2000
4000
6000
8000
10000

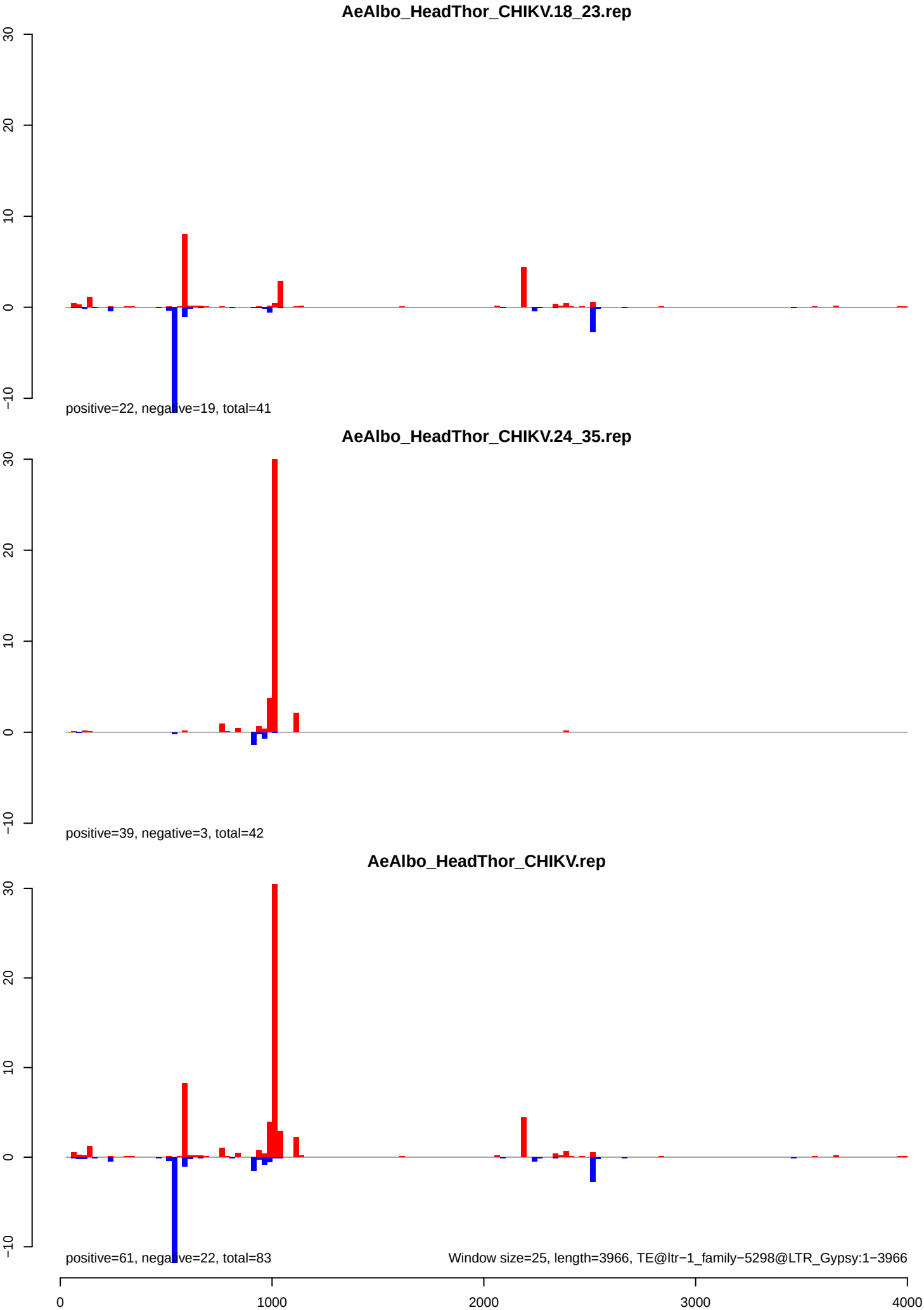

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=16, negative=9, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=16, negative=9, total=25
Window size=25, length=9079, TE@ltr−1_family−5594@DNA_TcMar−Tc1:1−9079
0
2000
4000
6000
8000

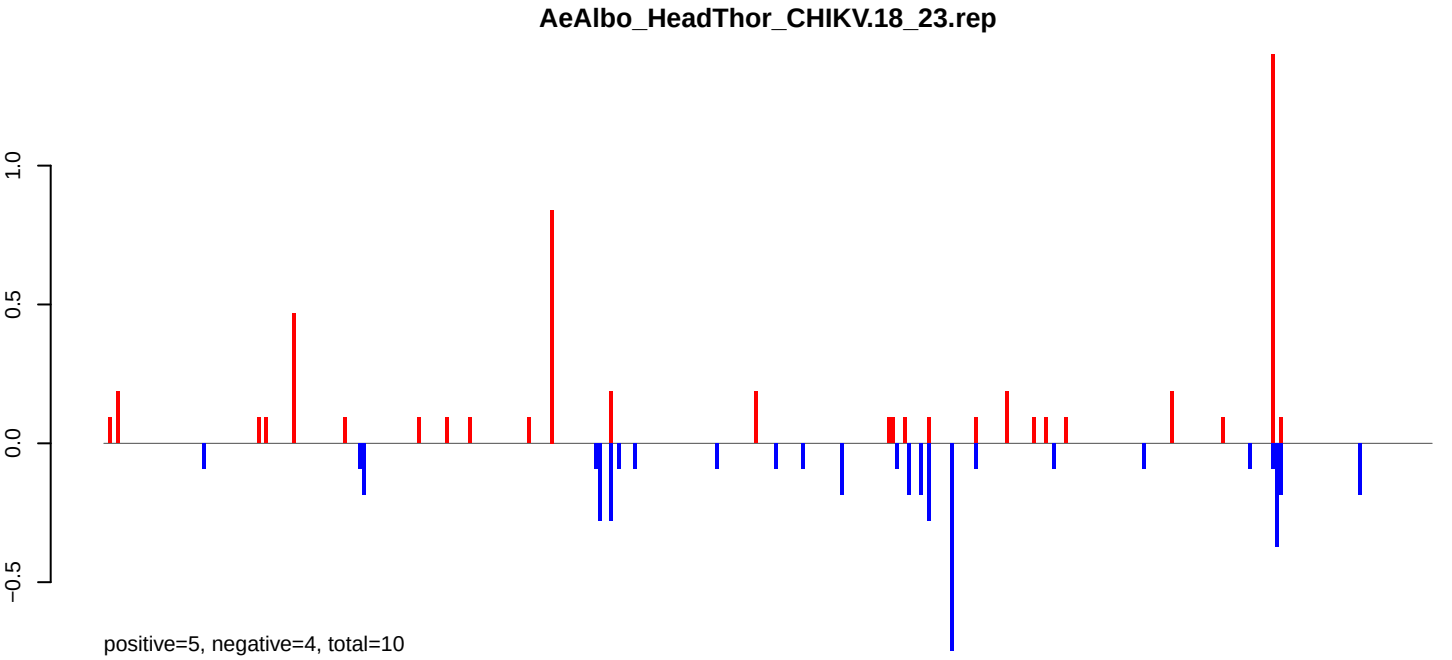

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=6, negative=7, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=6, negative=7, total=13
Window size=25, length=3843, TE@ltr−1_family−5535@LTR_Pao:1−3843
0
1000
2000
3000
4000

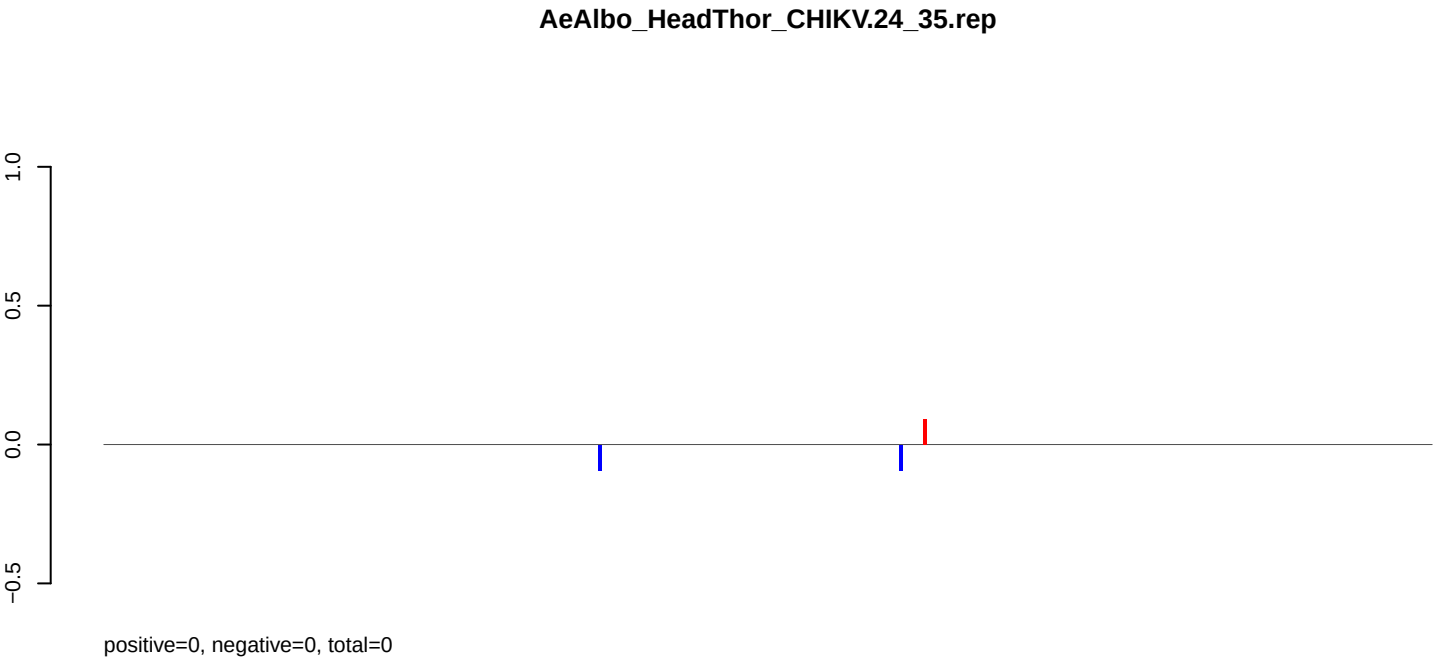

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=25, negative=7, total=32

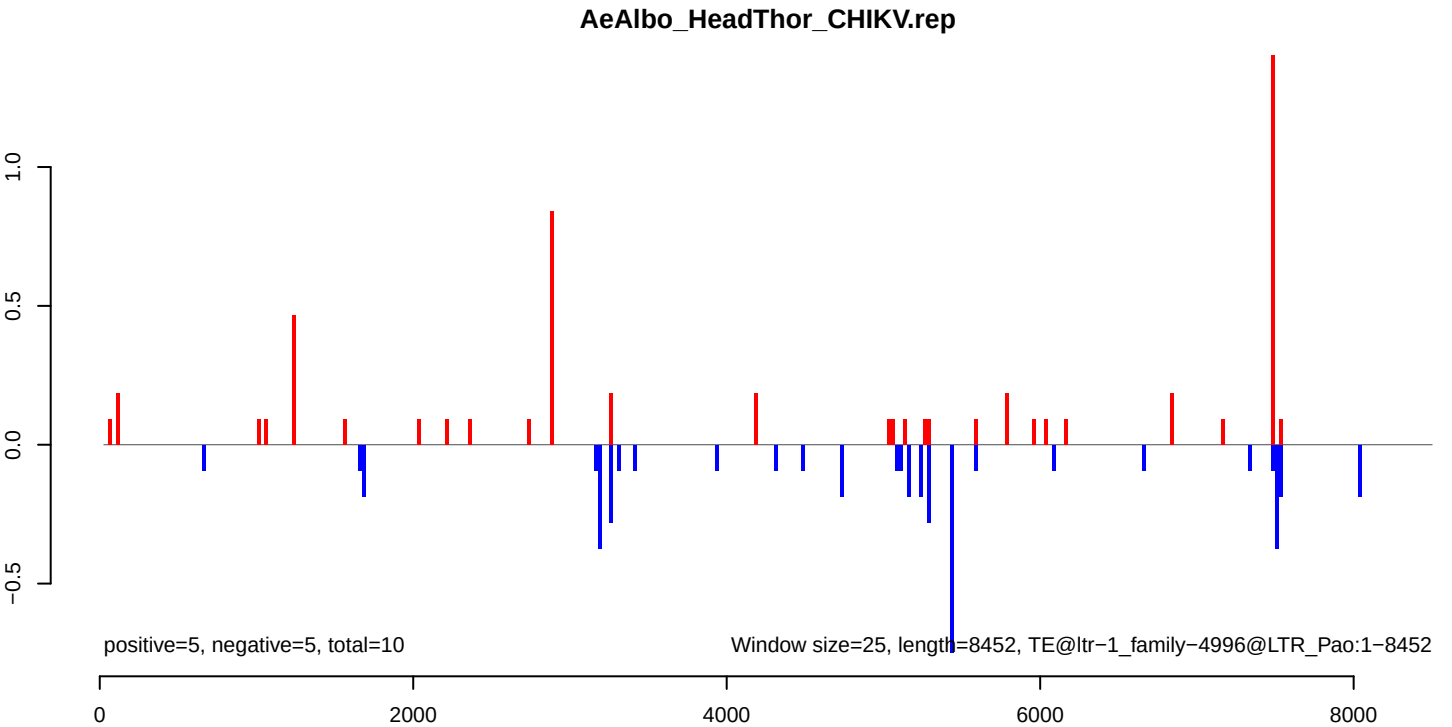

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=1, negative=0, total=1


AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=26, negative=7, total=32
Window size=25, length=10166, TE@ltr−1_family−5338@LTR_Gypsy:1−10166
0
2000
4000
6000
8000
10000

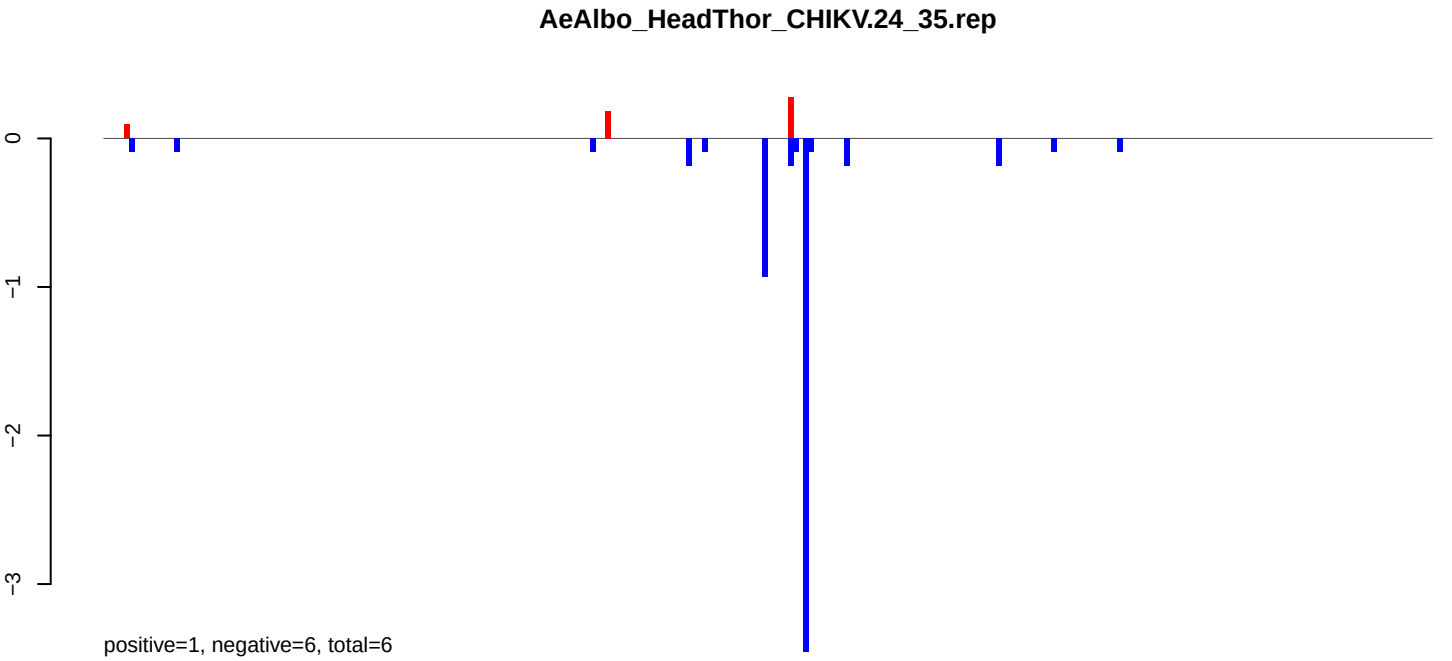

AeAlbo_HeadThor_CHIKV.18_23.rep
30
20
10
0
−10
positive=22, negative=19, total=41
AeAlbo_HeadThor_CHIKV.24_35.rep
30
20
10
0
−10
positive=39, negative=3, total=42
AeAlbo_HeadThor_CHIKV.rep
30
20
10
0
−10
positive=61, negative=22, total=83
Window size=25, length=3966, TE@ltr−1_family−5298@LTR_Gypsy:1−3966
0
1000
2000
3000
4000

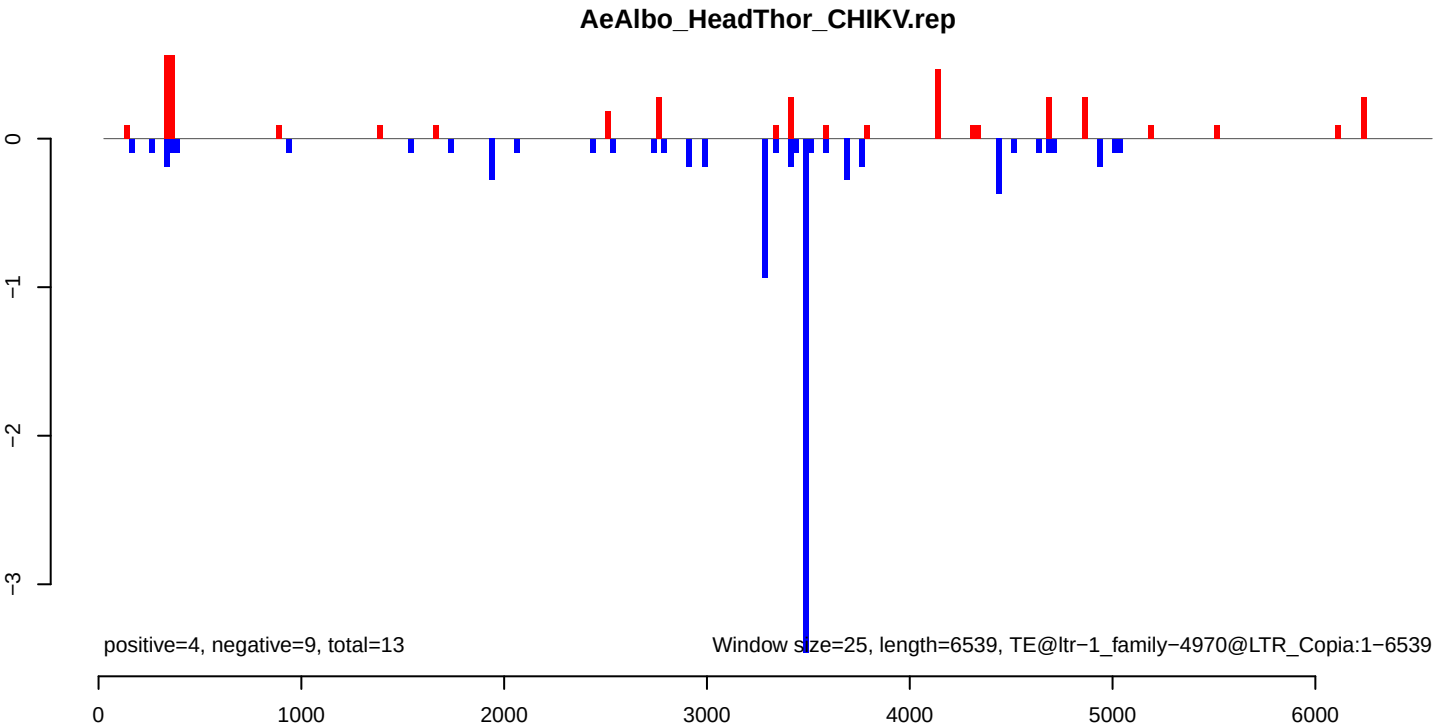

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=5, negative=4, total=10

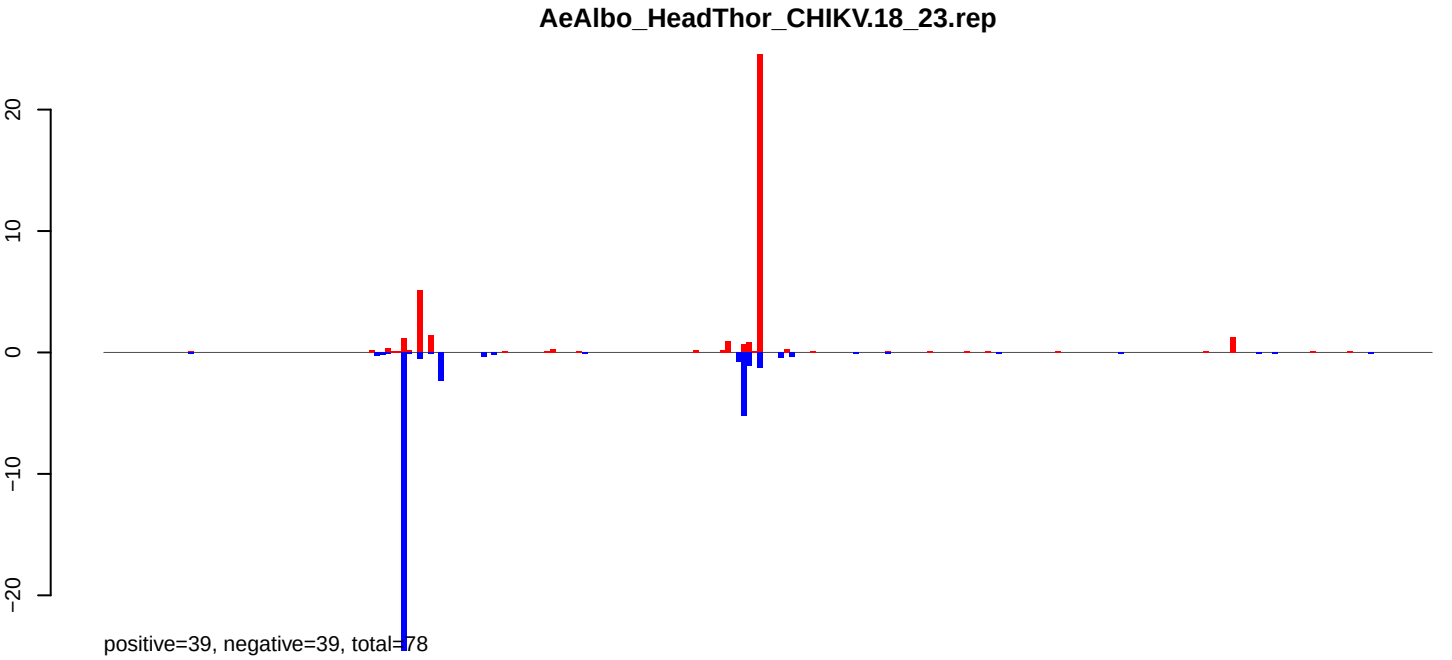

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

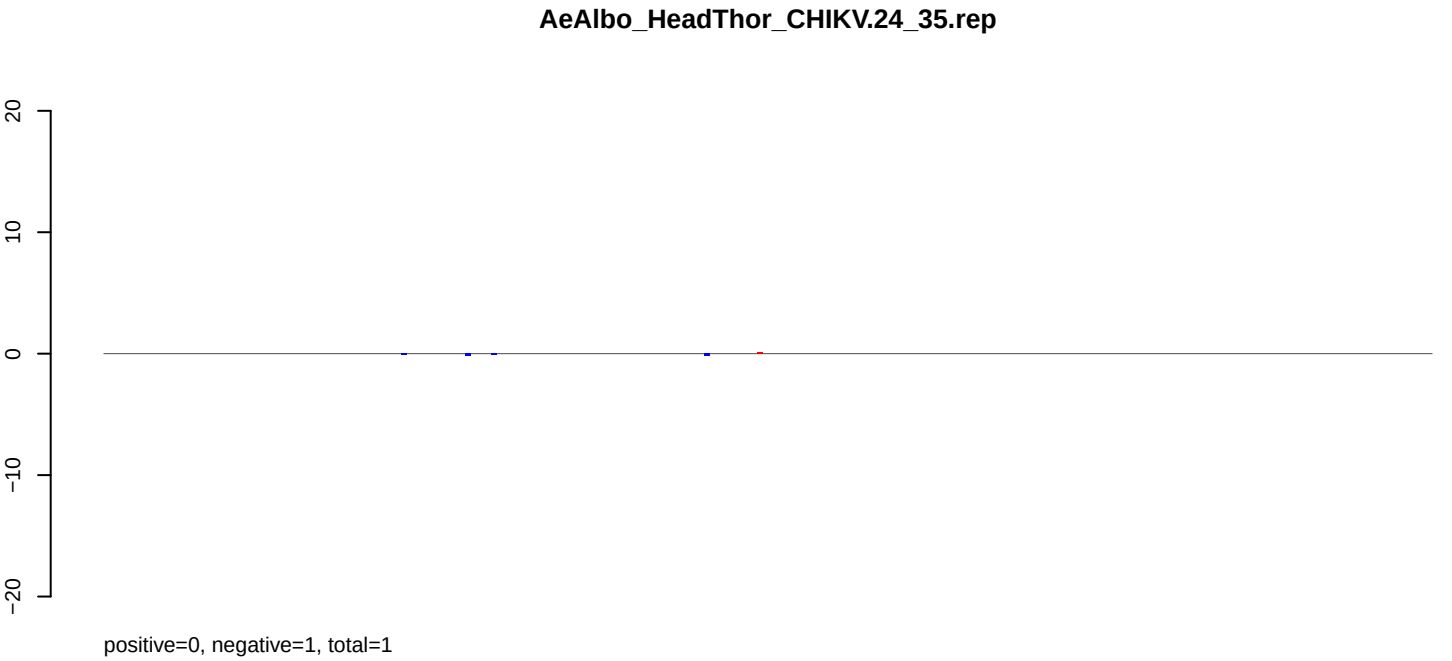

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=5, negative=5, total=10
Window size=25, length=8452, TE@ltr−1_family−4996@LTR_Pao:1−8452
0
2000
4000
6000
8000

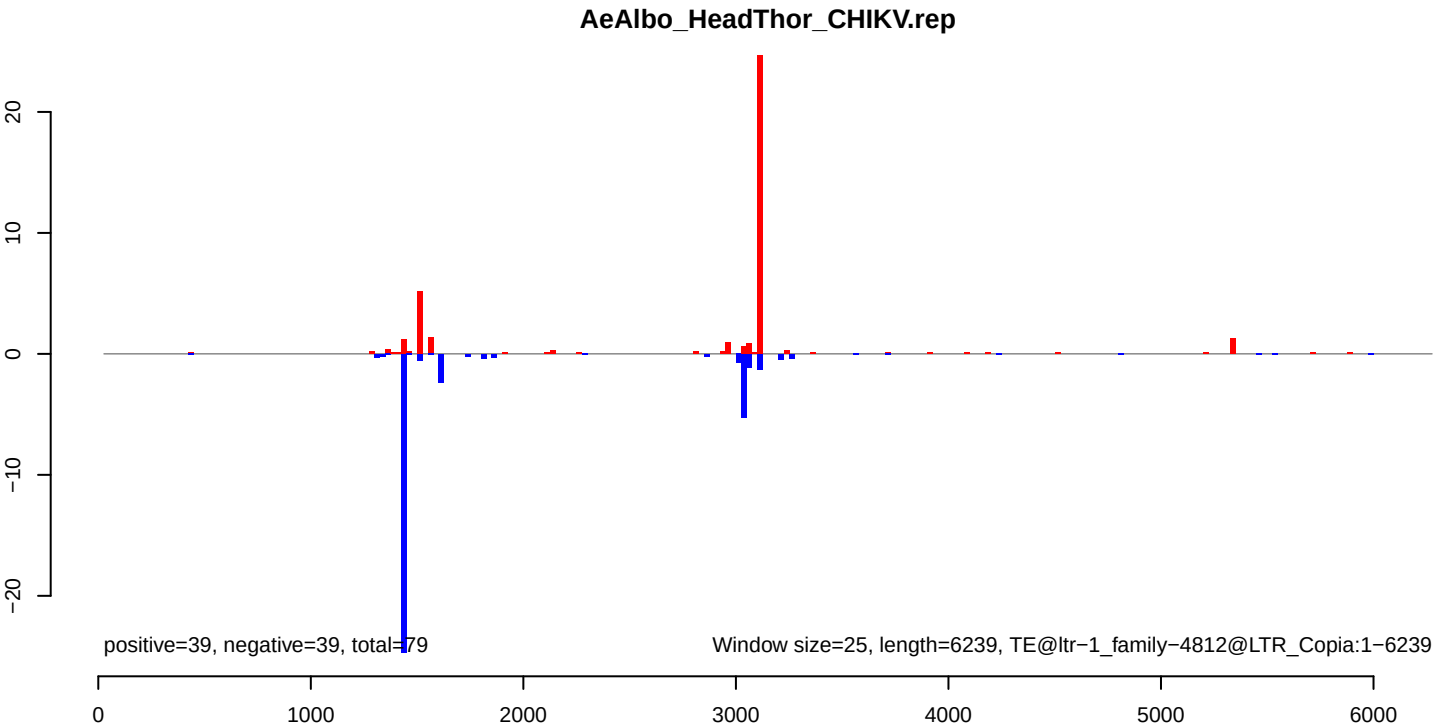
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=4, negative=3, total=6

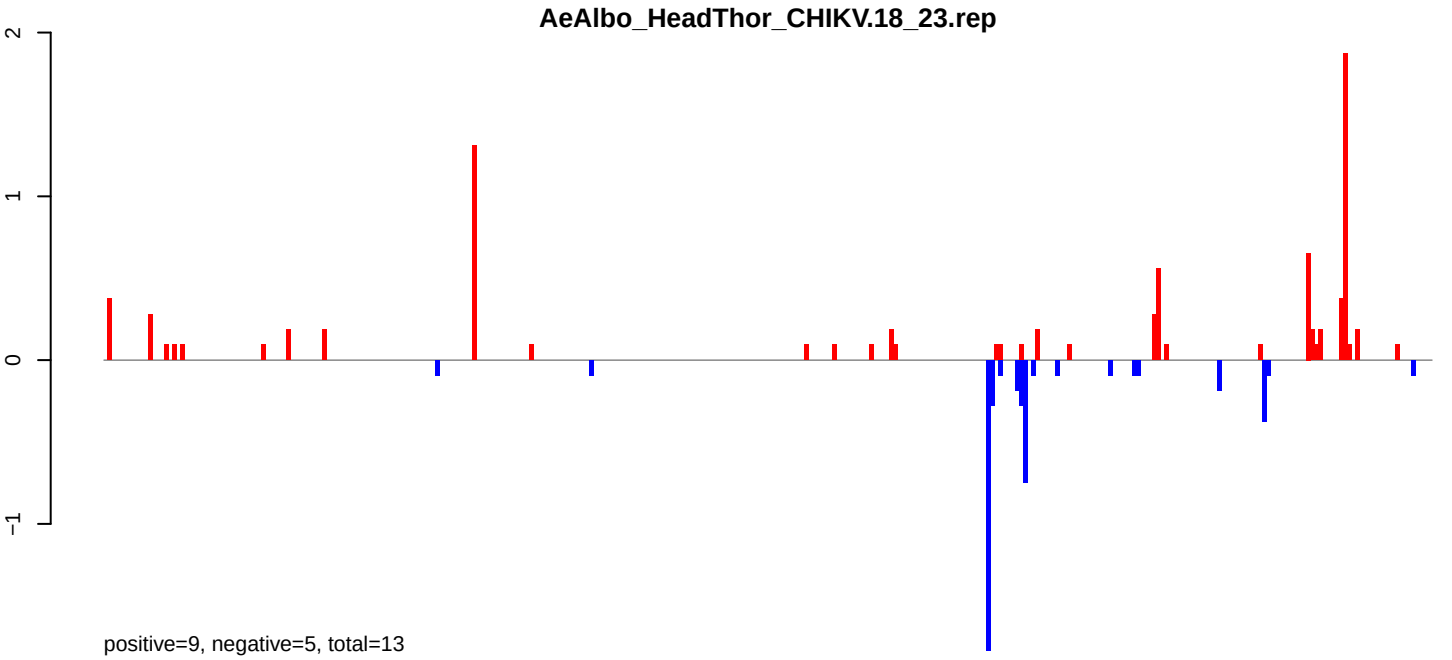

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=1, negative=6, total=6

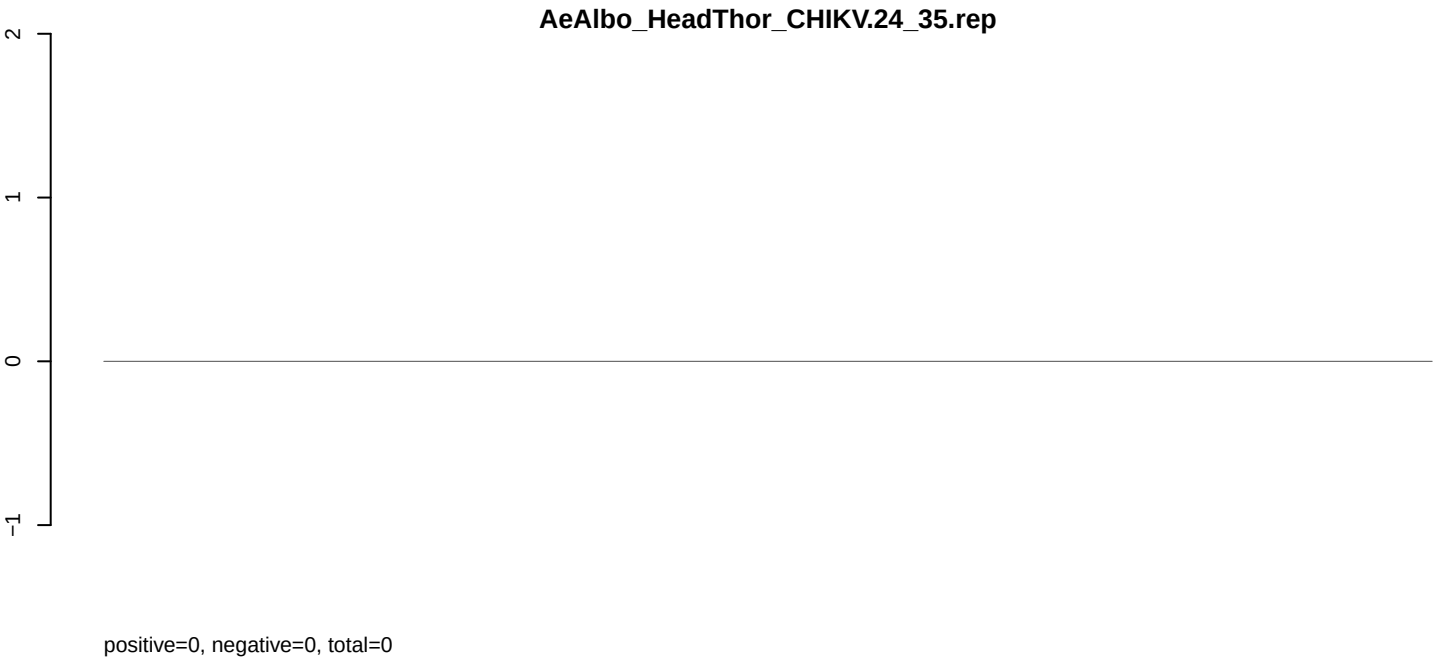

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=4, negative=9, total=13
Window size=25, length=6539, TE@ltr−1_family−4970@LTR_Copia:1−6539
0
1000
2000
3000
4000
5000
6000

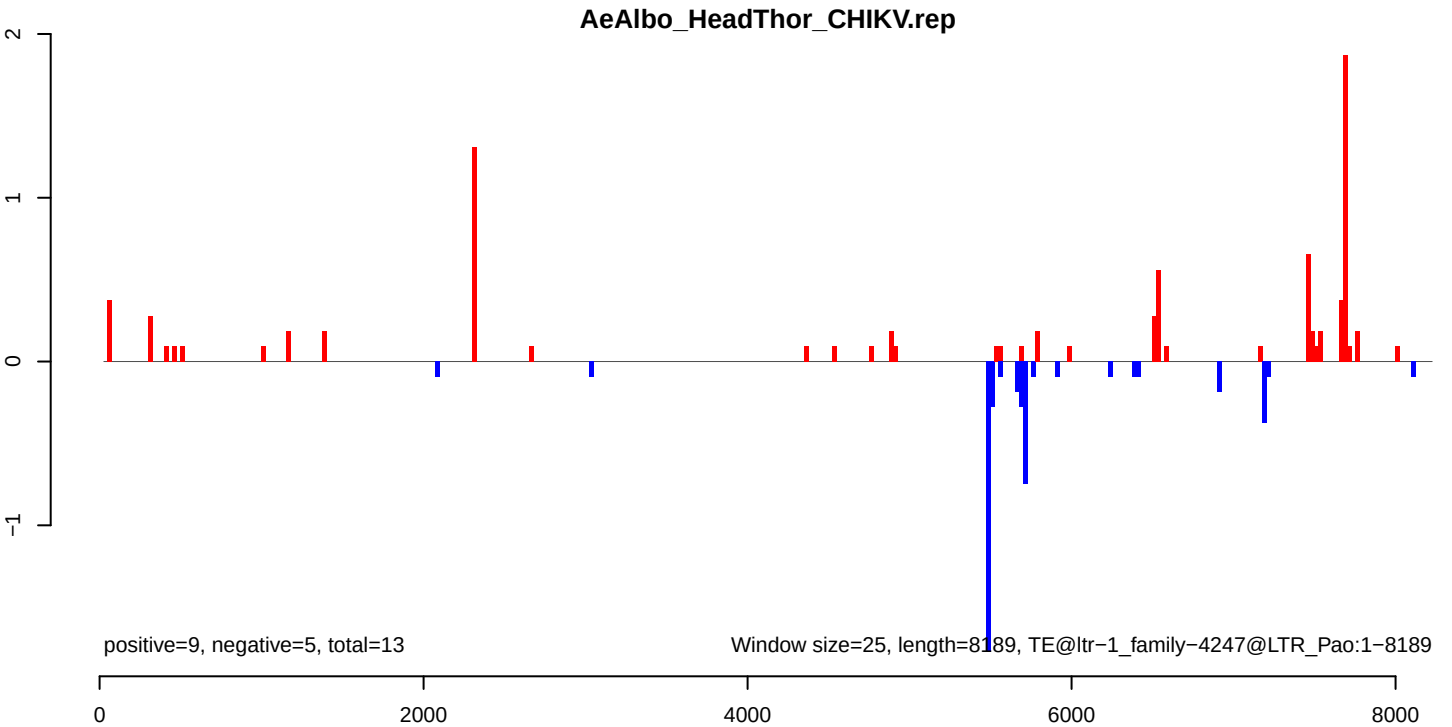

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=39, negative=39, total=78

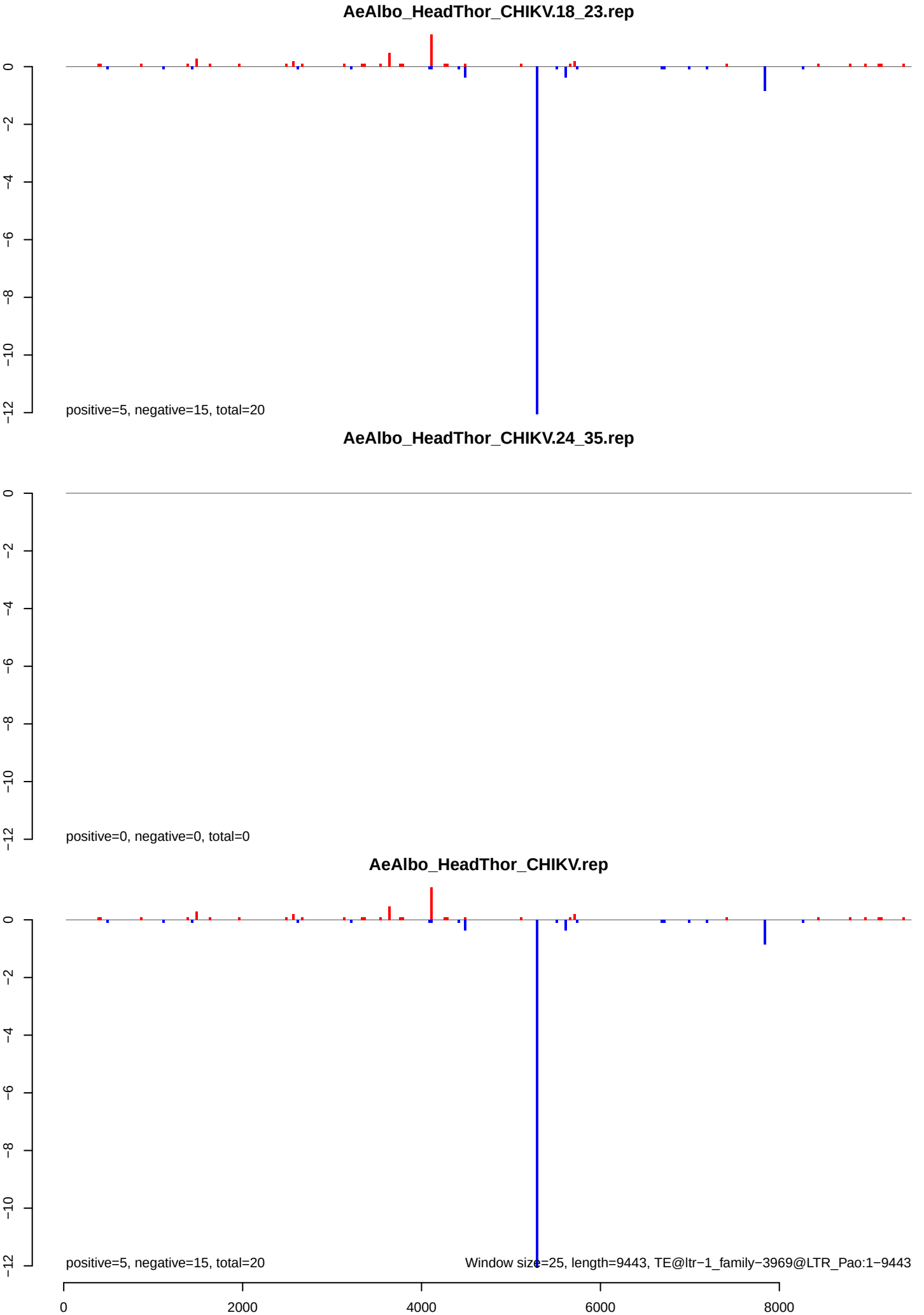

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=0, negative=1, total=1

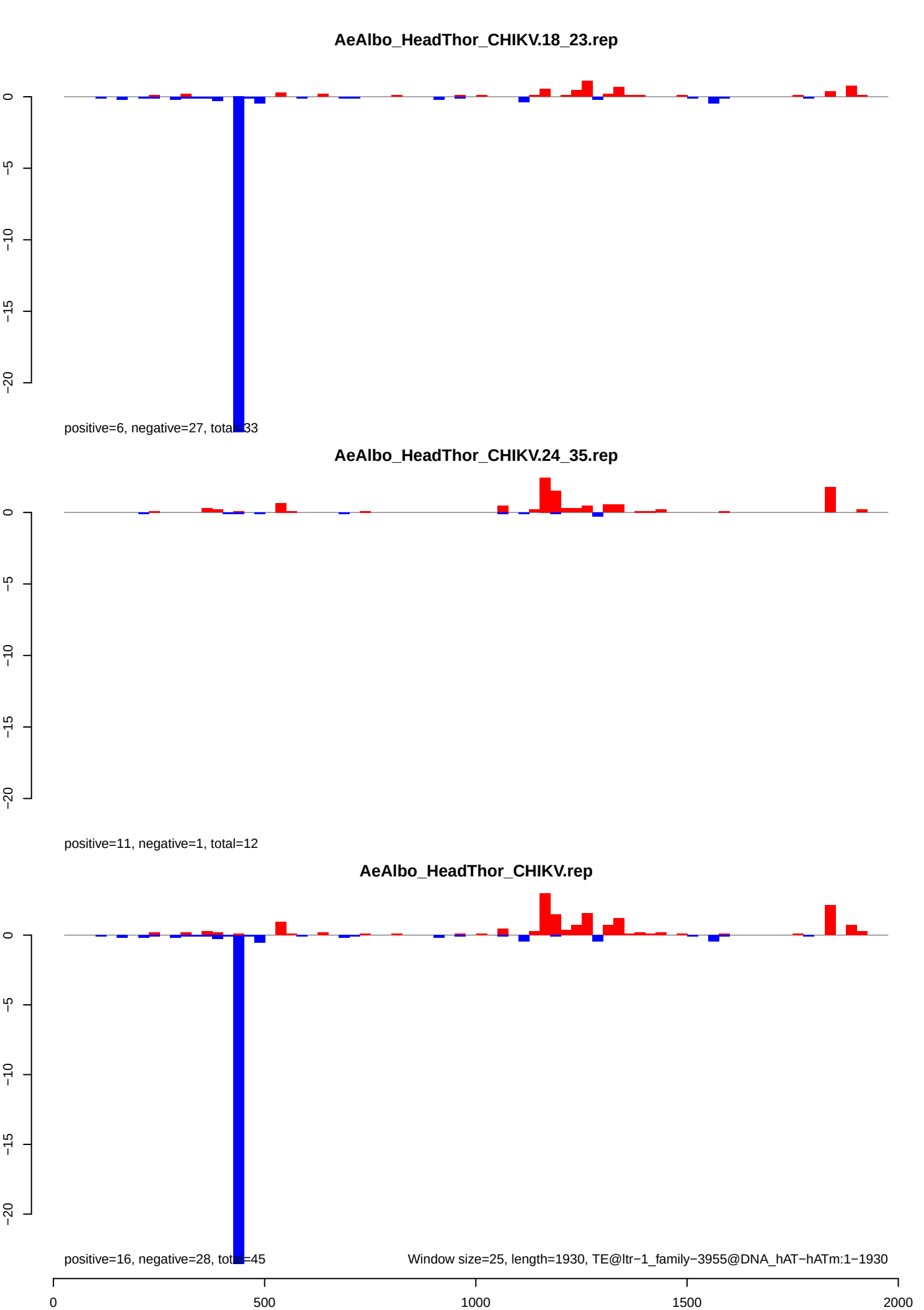

AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
positive=39, negative=39, total=79
Window size=25, length=6239, TE@ltr−1_family−4812@LTR_Copia:1−6239
0
1000
2000
3000
4000
5000
6000

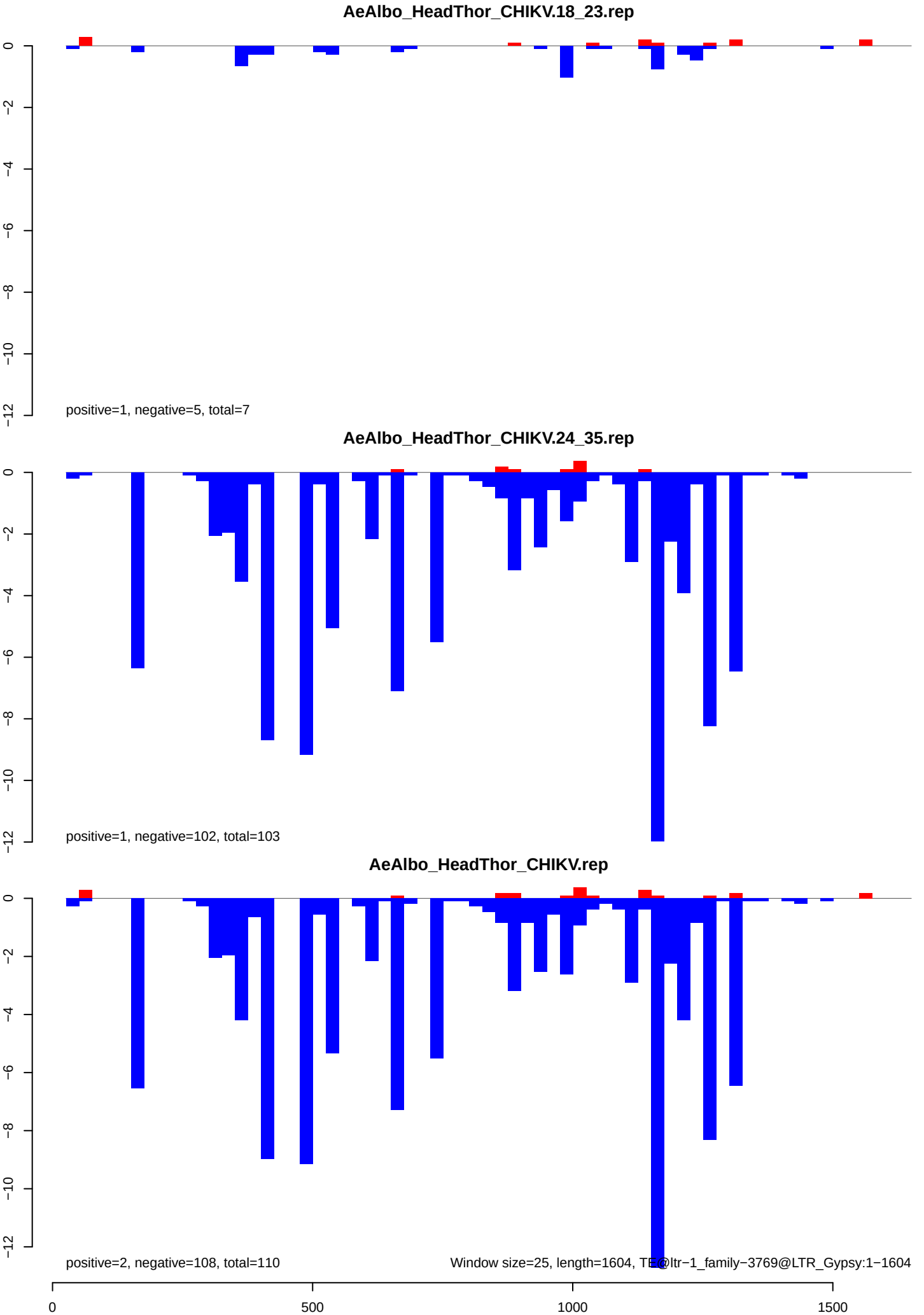

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=9, negative=5, total=13

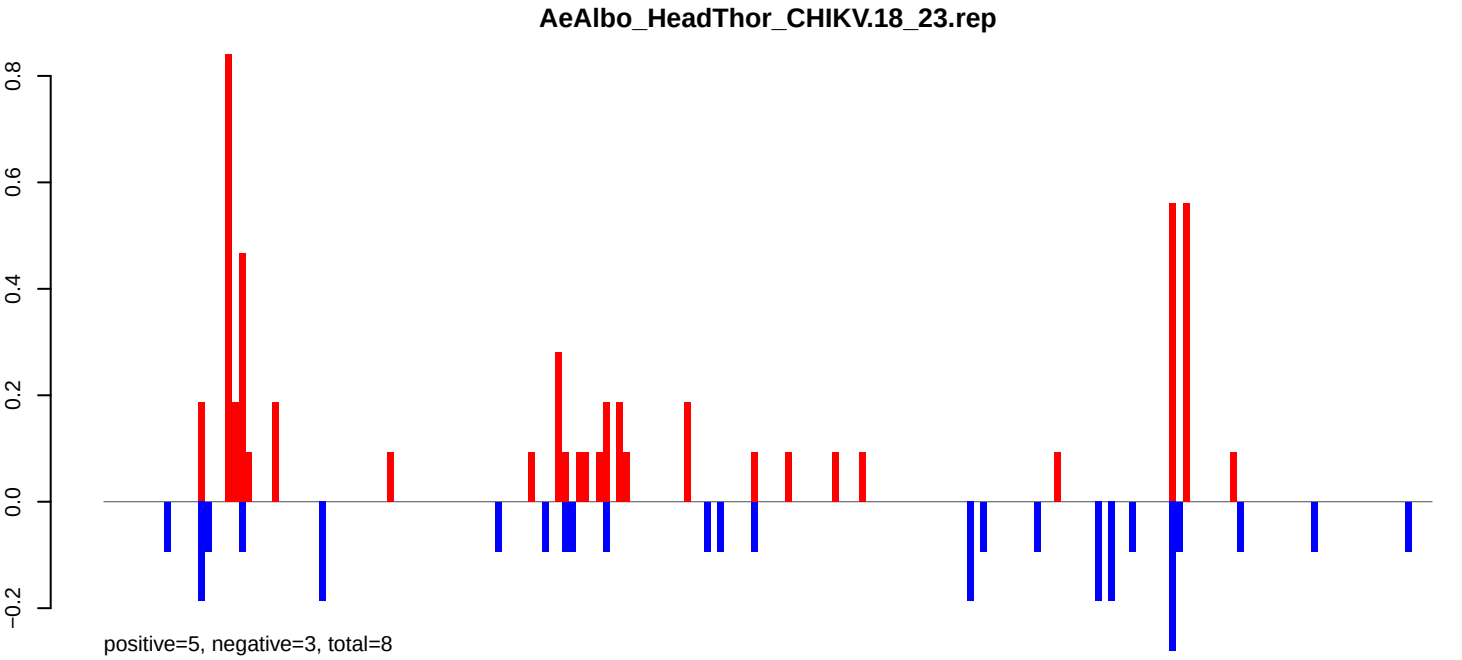

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=0, negative=0, total=0

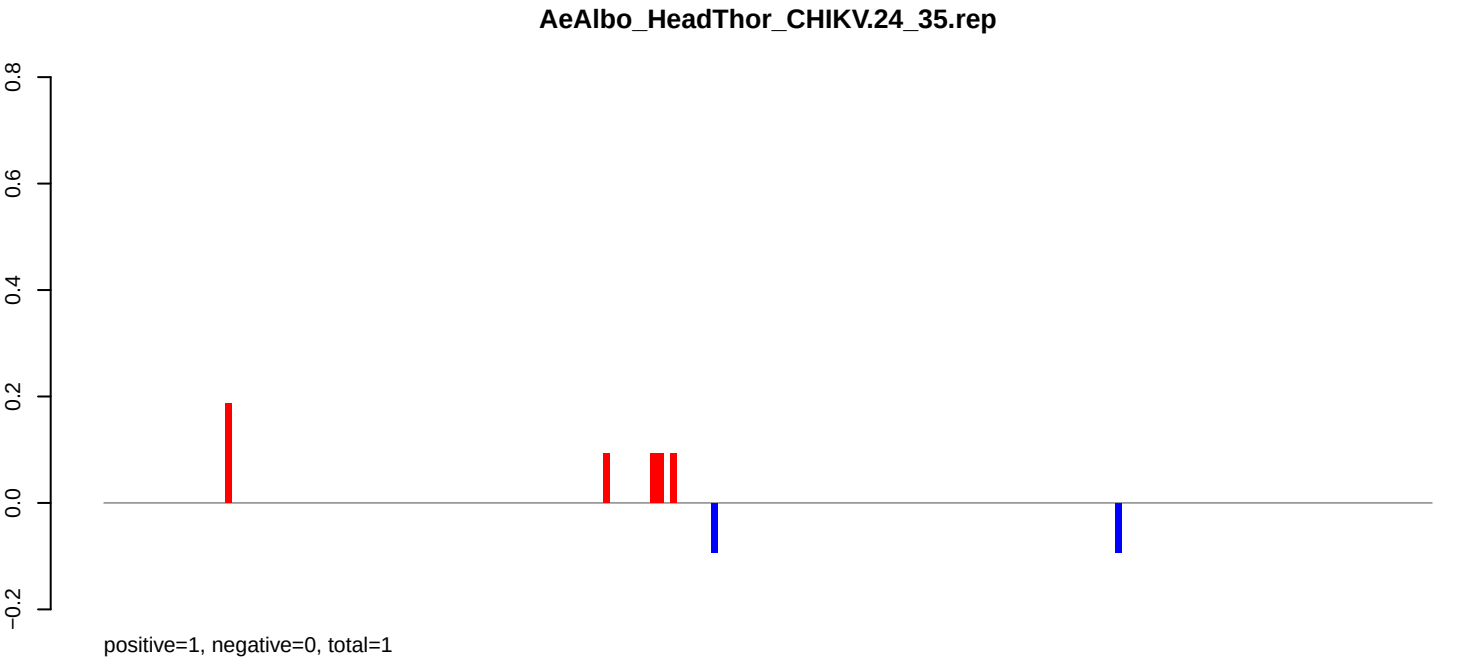

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=9, negative=5, total=13
Window size=25, length=8189, TE@ltr−1_family−4247@LTR_Pao:1−8189
0
2000
4000
6000
8000

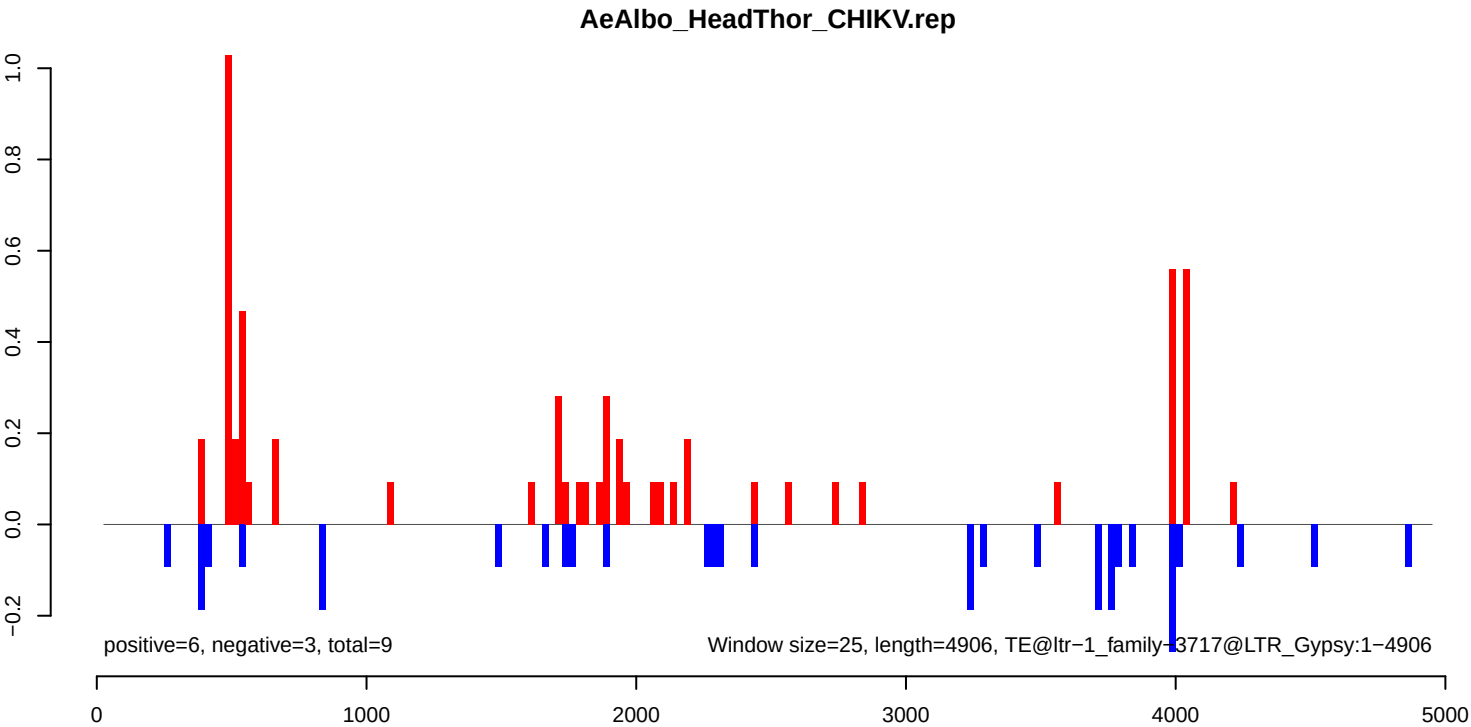

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=5, negative=15, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=15, total=20
Window size=25, length=9443, TE@ltr−1_family−3969@LTR_Pao:1−9443
0
2000
4000
6000
8000

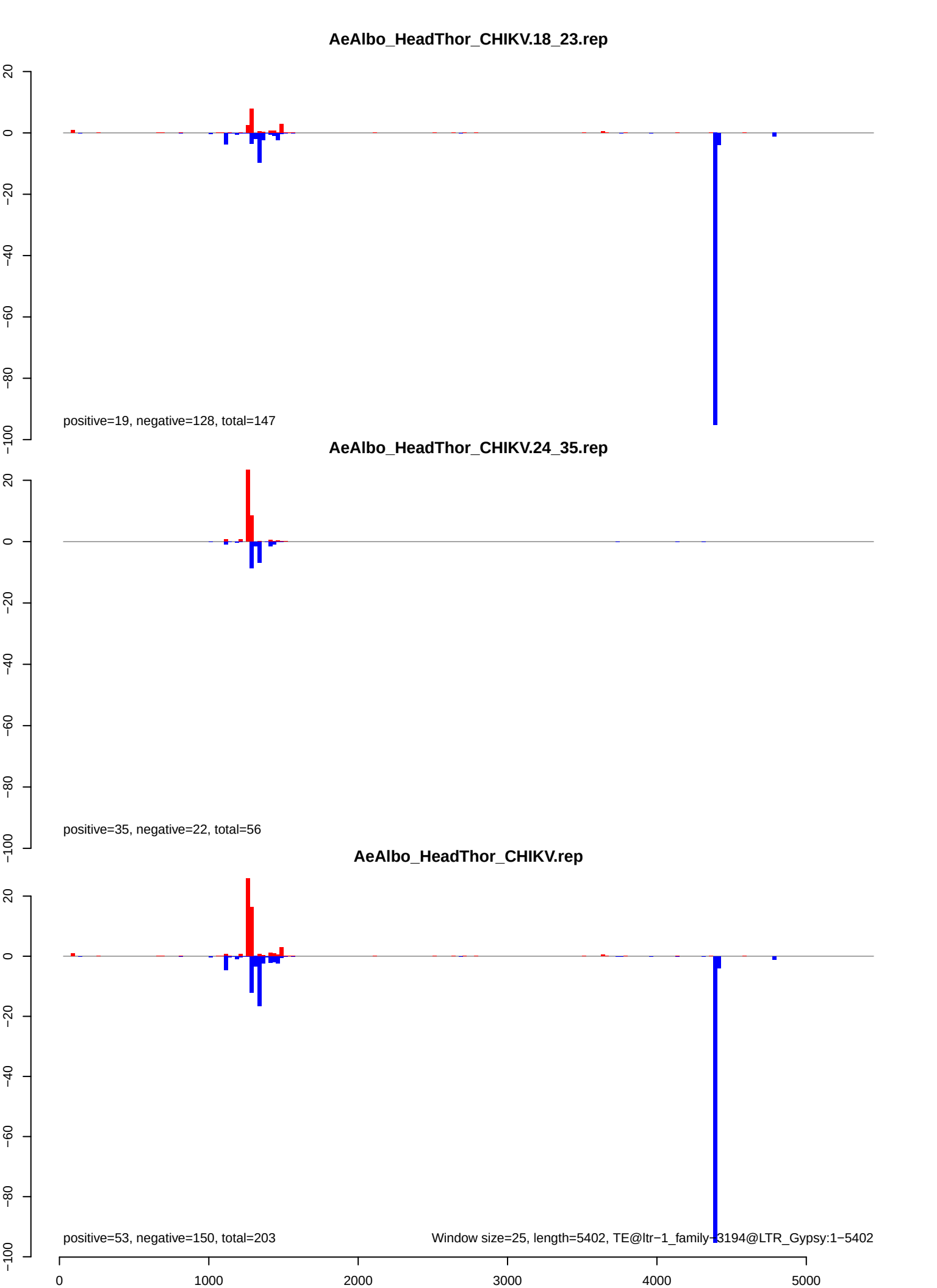

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=6, negative=27, total=33
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=11, negative=1, total=12
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=16, negative=28, total=45
Window size=25, length=1930, TE@ltr−1_family−3955@DNA_hAT−hATm:1−1930
0
500
1000
1500
2000

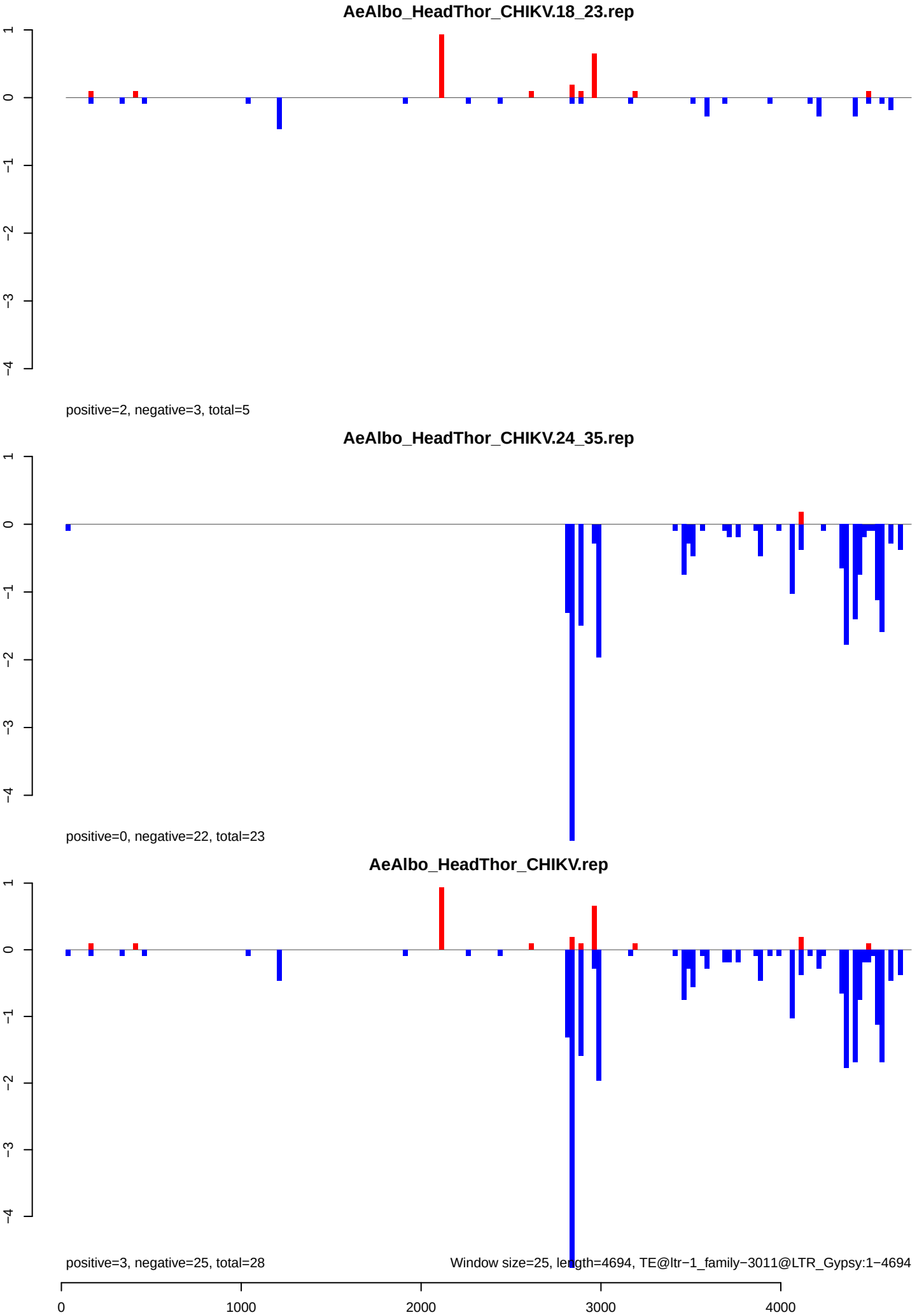

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=5, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=102, total=103
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=108, total=110
Window size=25, length=1604, TE@ltr−1_family−3769@LTR_Gypsy:1−1604
0
500
1000
1500

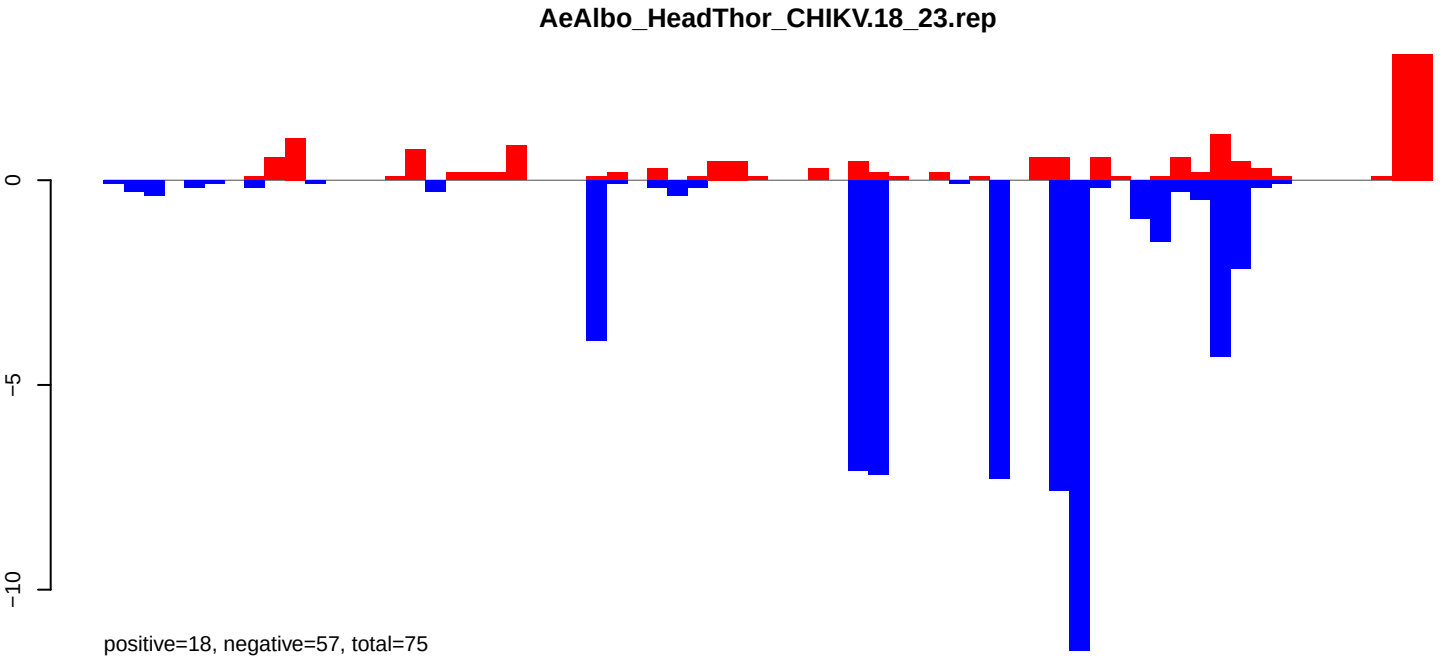

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=5, negative=3, total=8

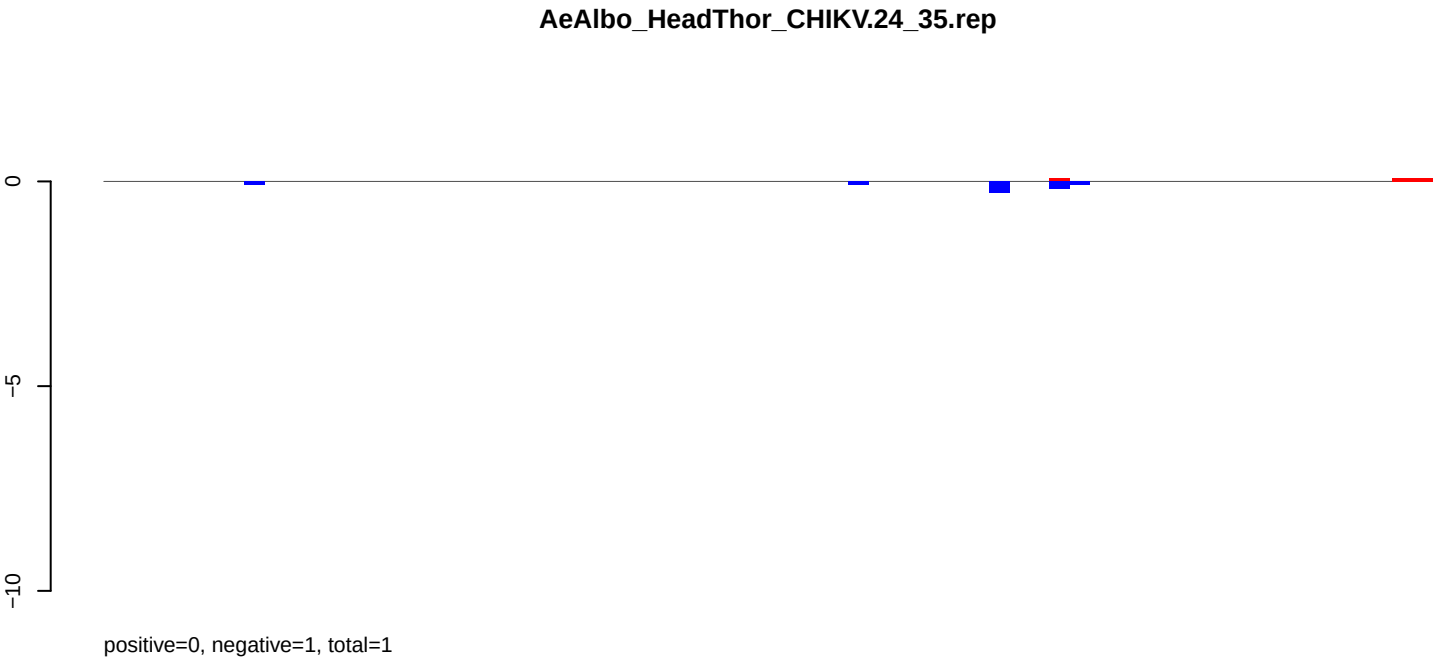

AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1

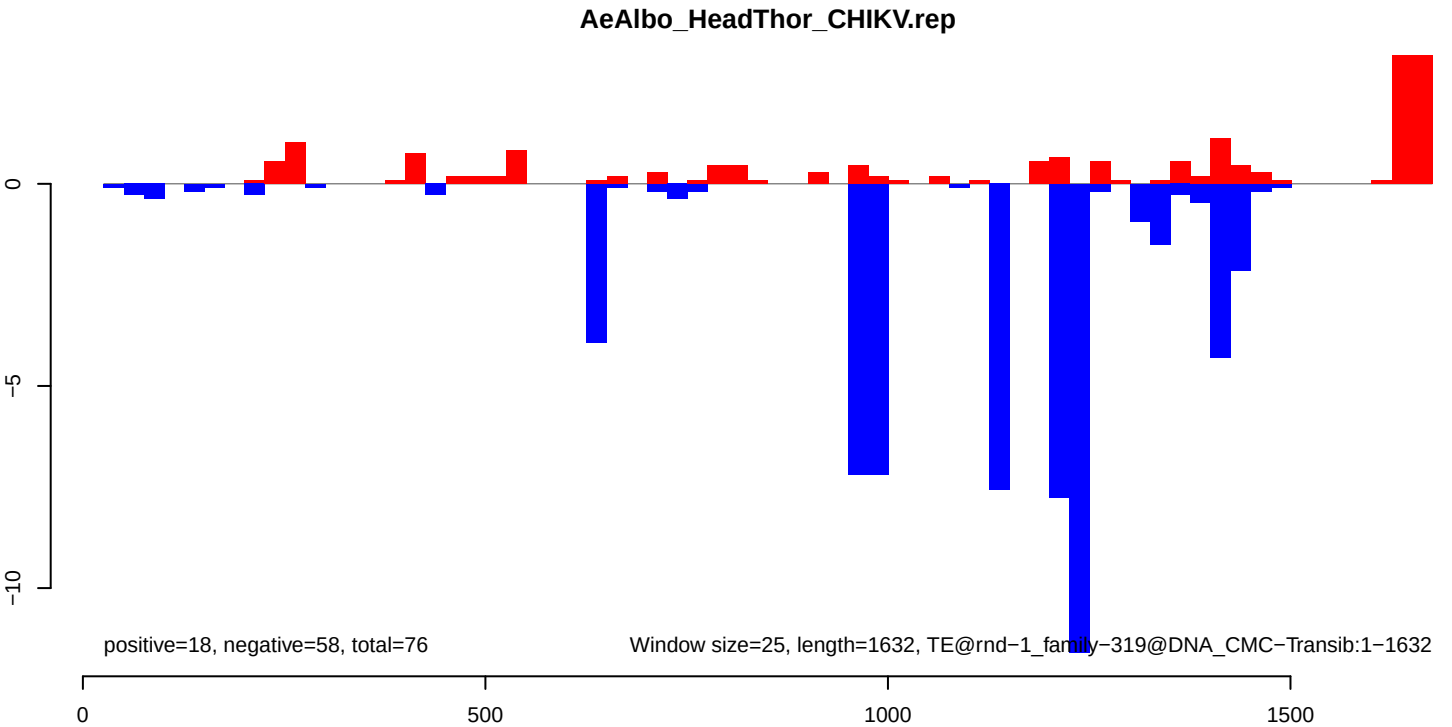

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=6, negative=3, total=9
Window size=25, length=4906, TE@ltr−1_family−3717@LTR_Gypsy:1−4906
0
1000
2000
3000
4000
5000

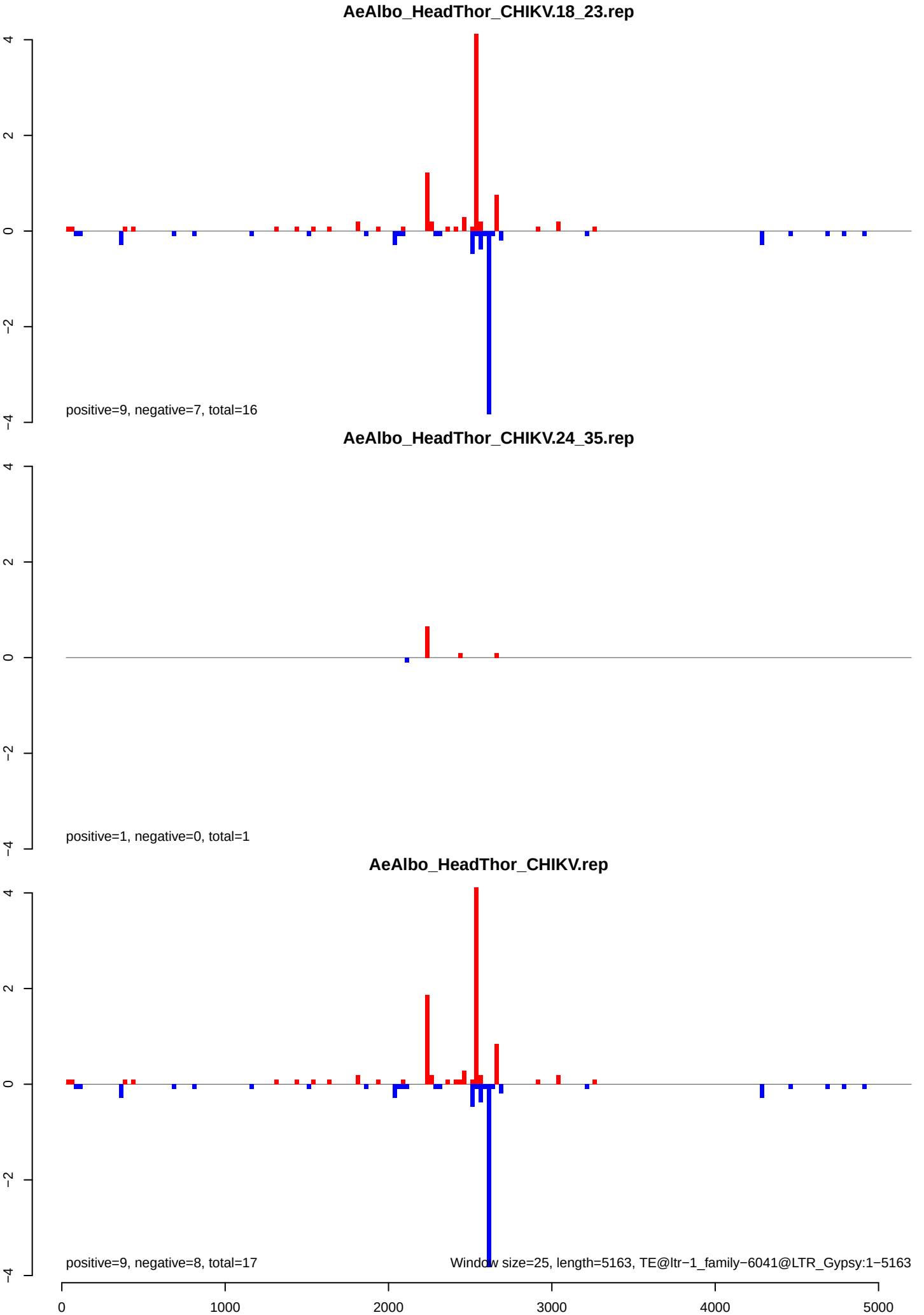

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=19, negative=128, total=147
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=35, negative=22, total=56
AeAlbo_HeadThor_CHIKV.rep
positive=53, negative=150, total=203
Window size=25, length=5402, TE@ltr−1_family−3194@LTR_Gypsy:1−5402
20
0
−20
−40
−60
−80
−100
0
1000
2000
3000
4000
5000

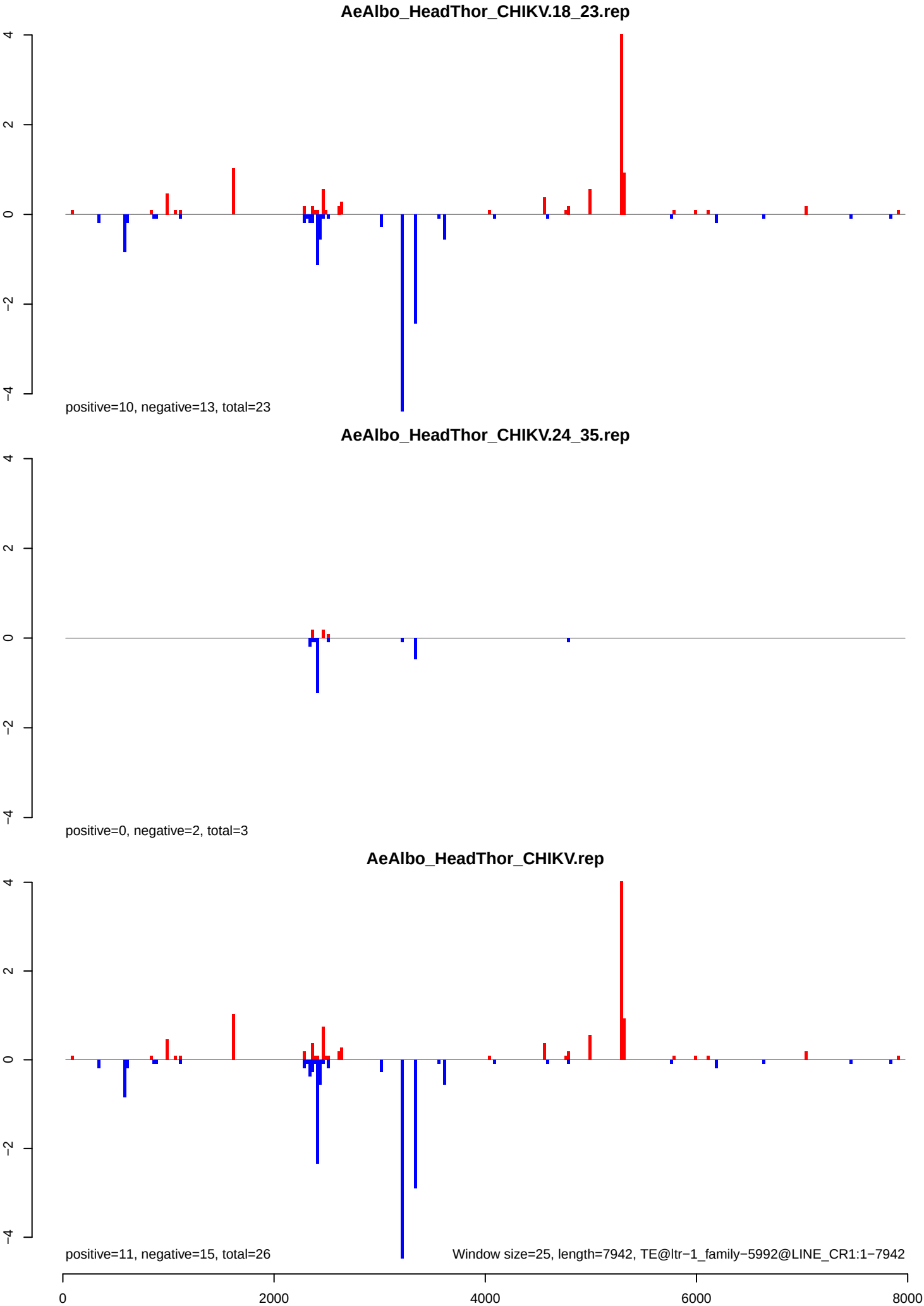

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=22, total=23
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=25, total=28
Window size=25, length=4694, TE@ltr−1_family−3011@LTR_Gypsy:1−4694
1
0
−1
−2
−3
−4
0
1000
2000
3000
4000

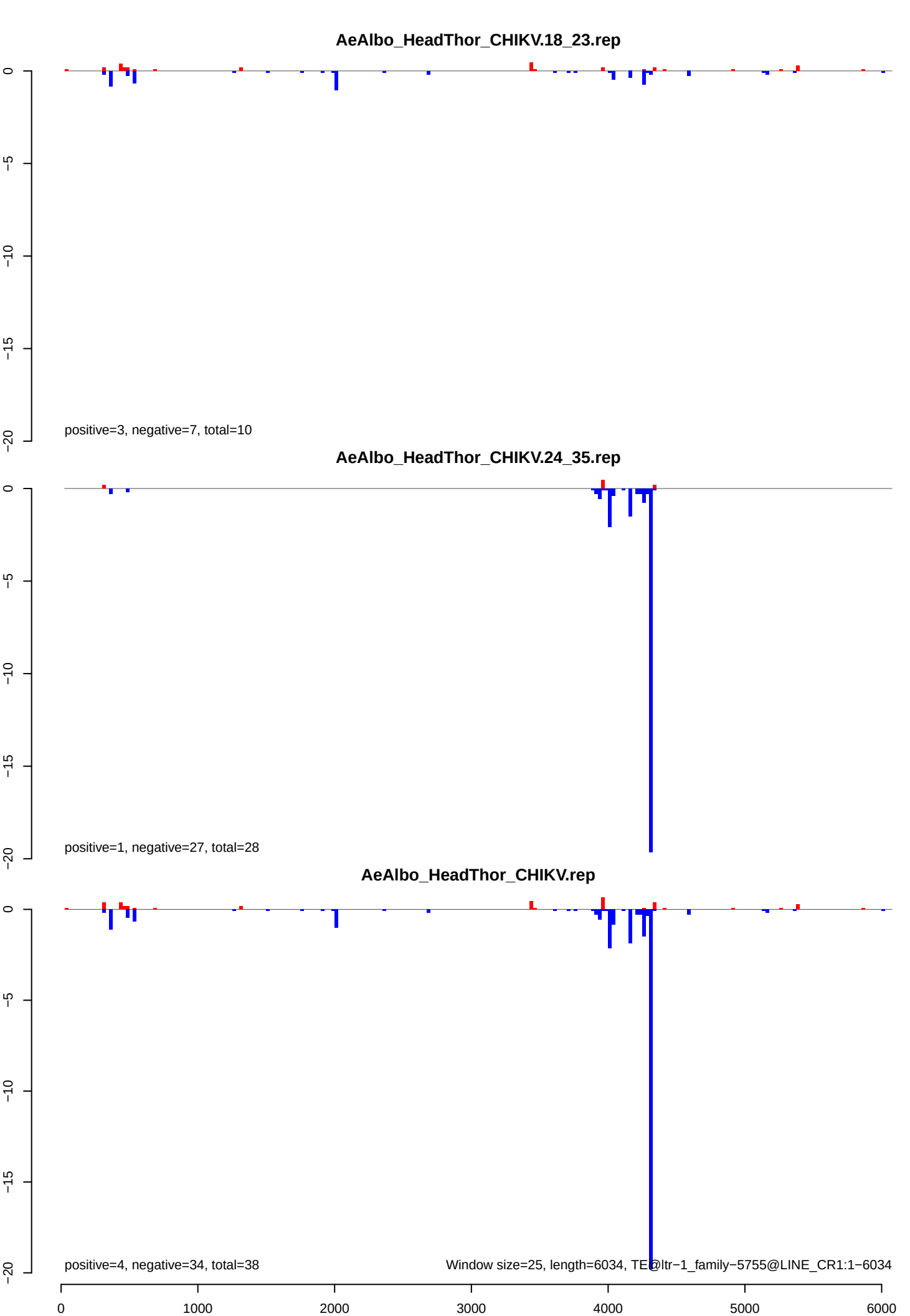

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=18, negative=57, total=75

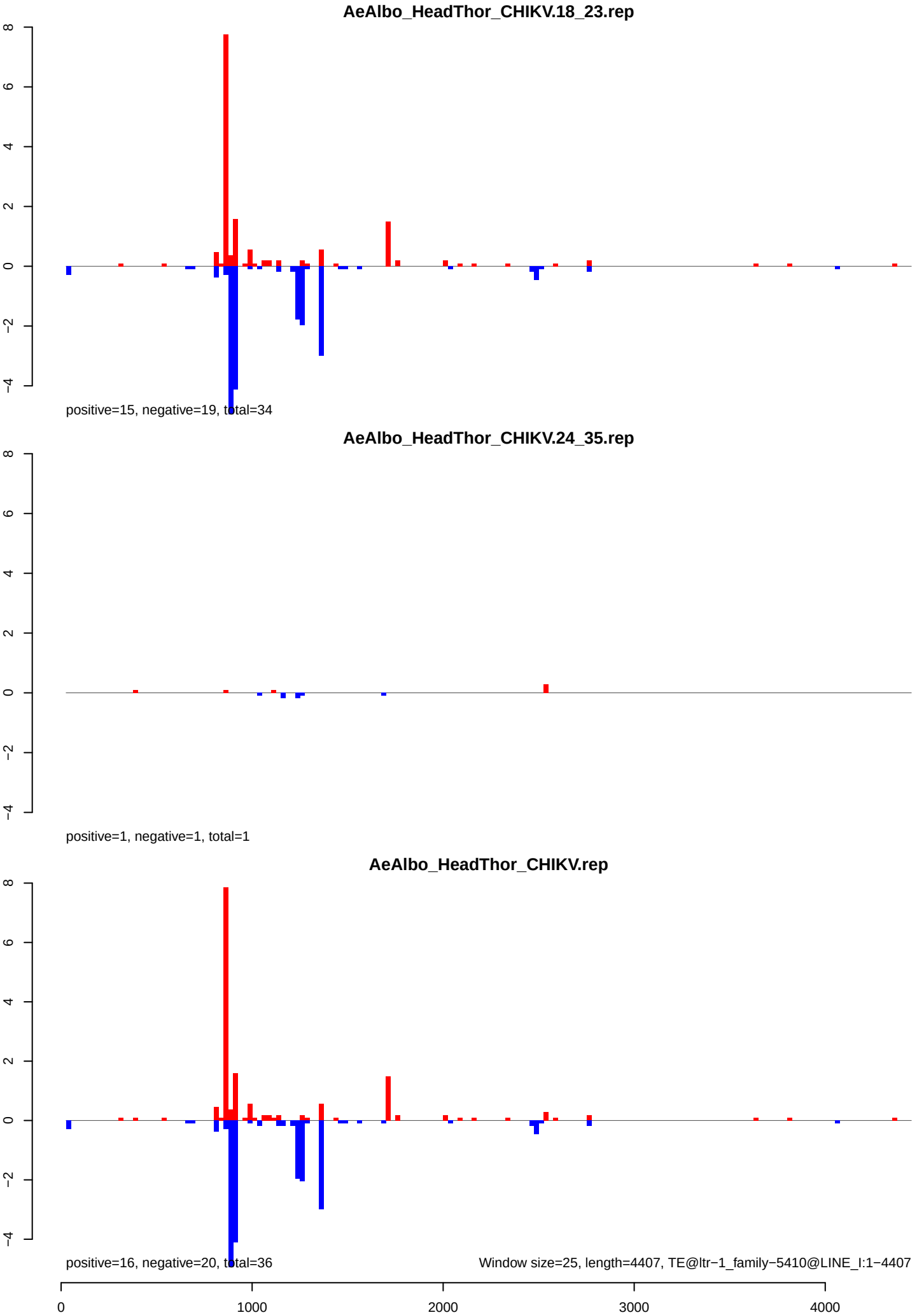

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=0, negative=1, total=1

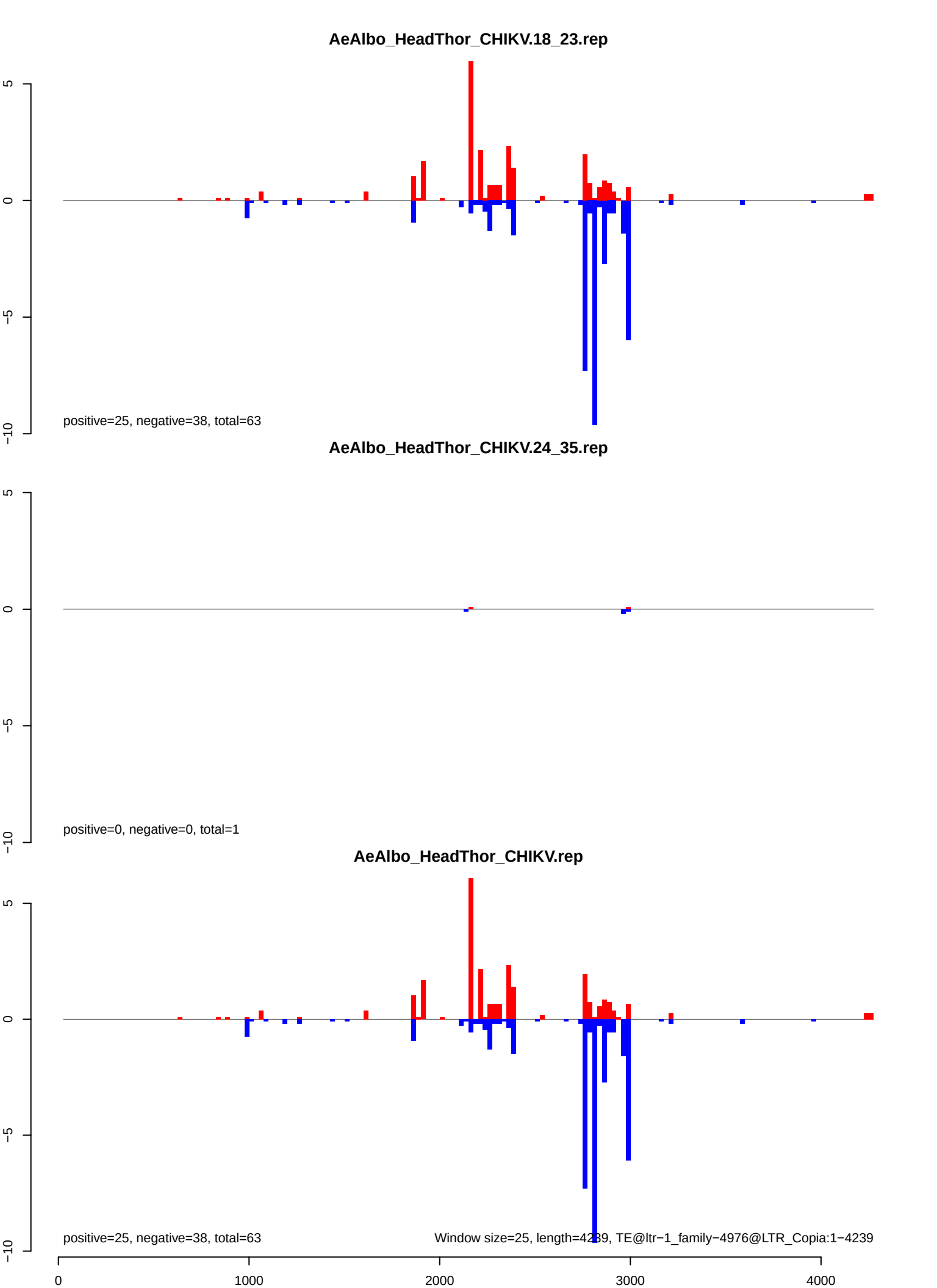

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
positive=18, negative=58, total=76
Window size=25, length=1632, TE@rnd−1_family−319@DNA_CMC−Transib:1−1632
0
500
1000
1500

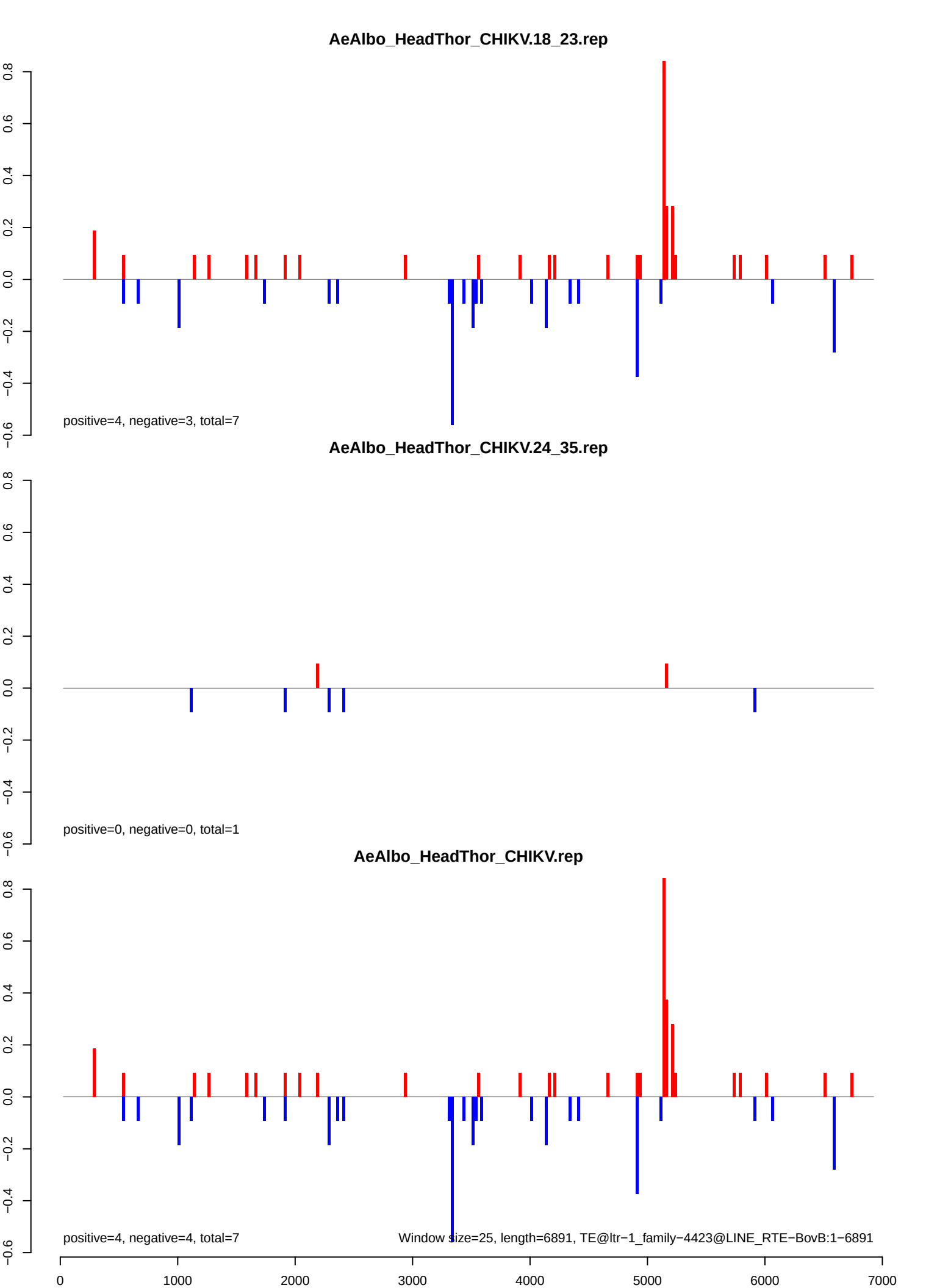

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=7, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=8, total=17
Window size=25, length=5163, TE@ltr−1_family−6041@LTR_Gypsy:1−5163
4
2
0
−2
−4
0
1000
2000
3000
4000
5000

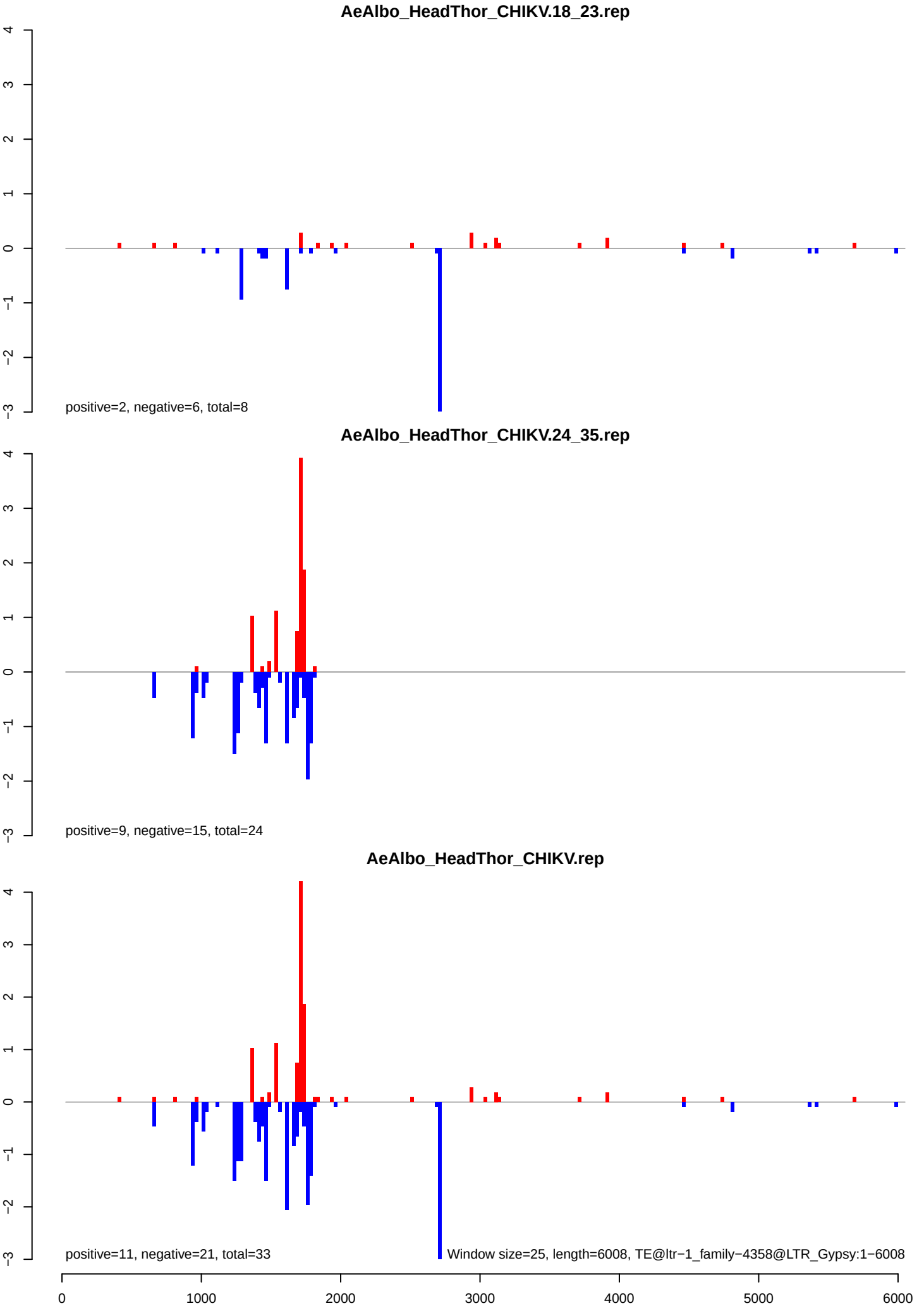

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=13, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=15, total=26
Window size=25, length=7942, TE@ltr−1_family−5992@LINE_CR1:1−7942
4
2
0
−2
−4
0
2000
4000
6000
8000

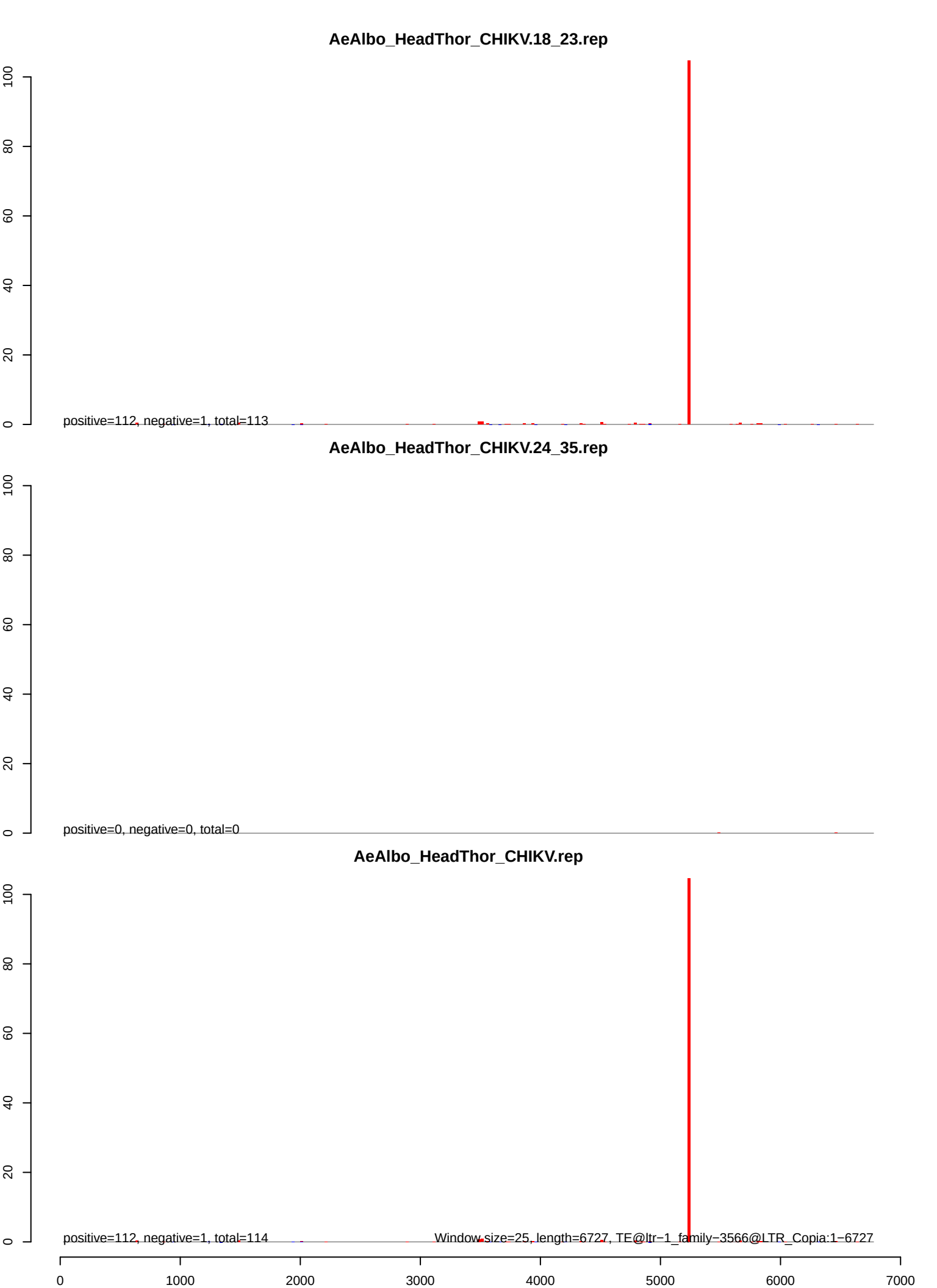

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=7, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=27, total=28
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=34, total=38
Window size=25, length=6034, TE@ltr−1_family−5755@LINE_CR1:1−6034
0
−5
−10
−15
−20
0
1000
2000
3000
4000
5000
6000

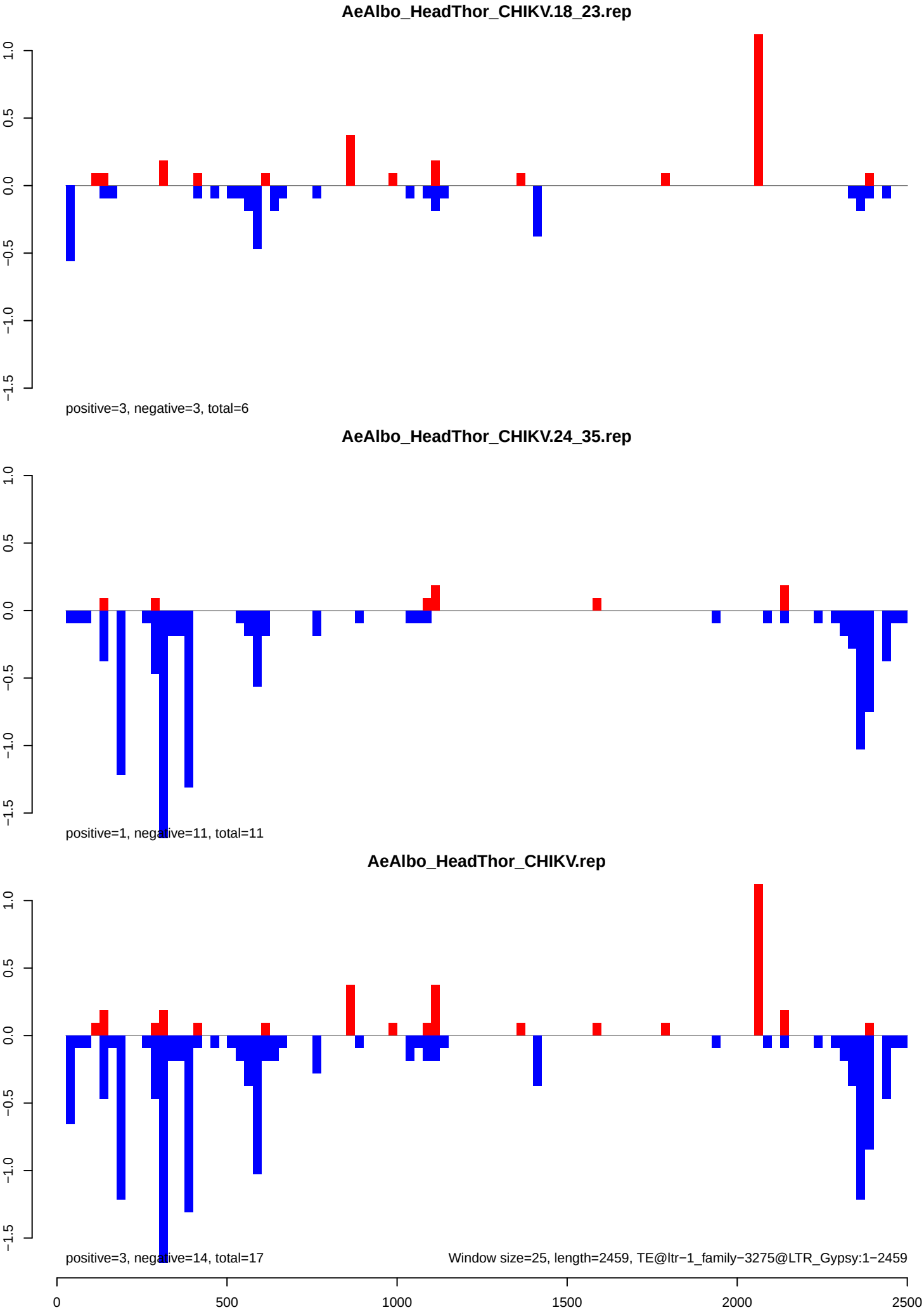

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=15, negative=19, total=34
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=20, total=36
Window size=25, length=4407, TE@ltr−1_family−5410@LINE_I:1−4407
0
1000
2000
3000
4000

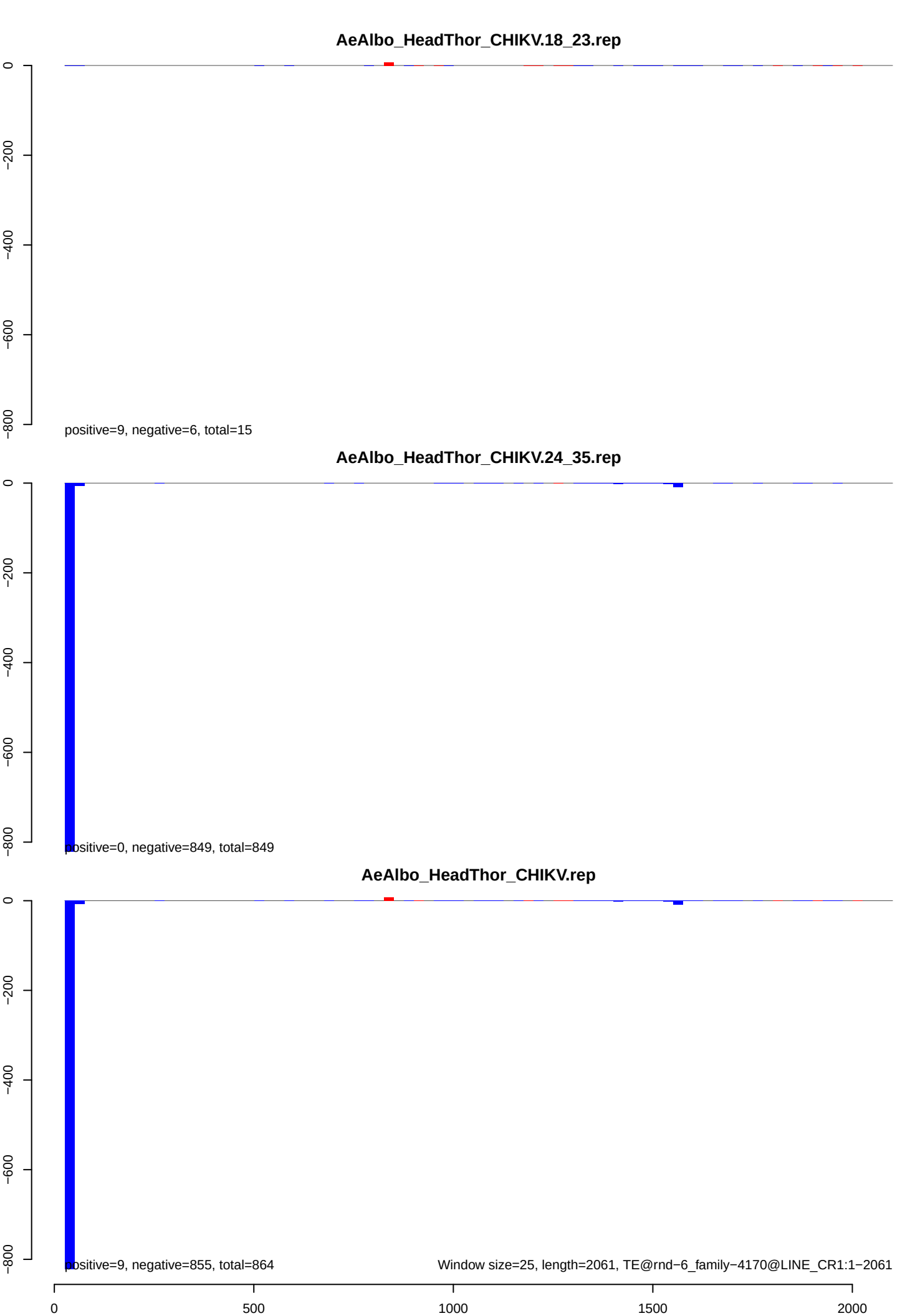

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=25, negative=38, total=63
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=25, negative=38, total=63
Window size=25, length=4239, TE@ltr−1_family−4976@LTR_Copia:1−4239
5
0
−5
−10
0
1000
2000
3000
4000

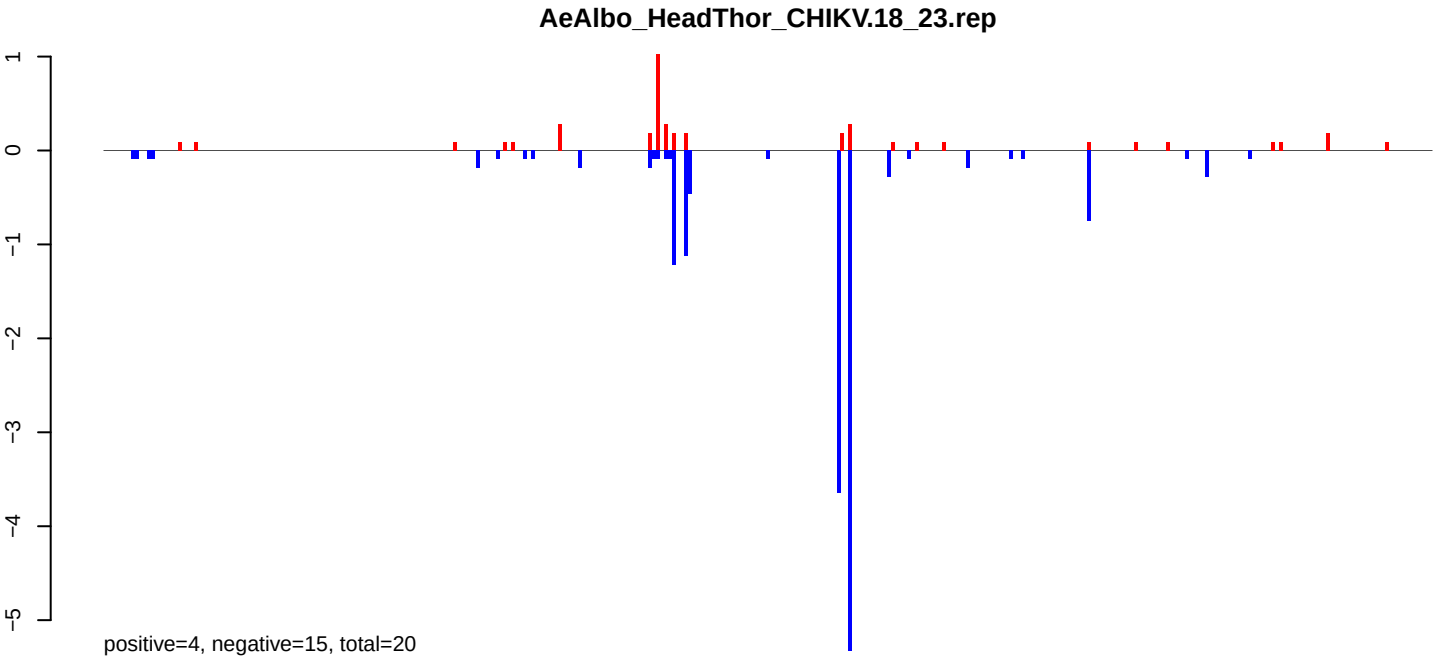

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=3, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=4, total=7
Window size=25, length=6891, TE@ltr−1_family−4423@LINE_RTE−BovB:1−6891
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000
5000
6000
7000

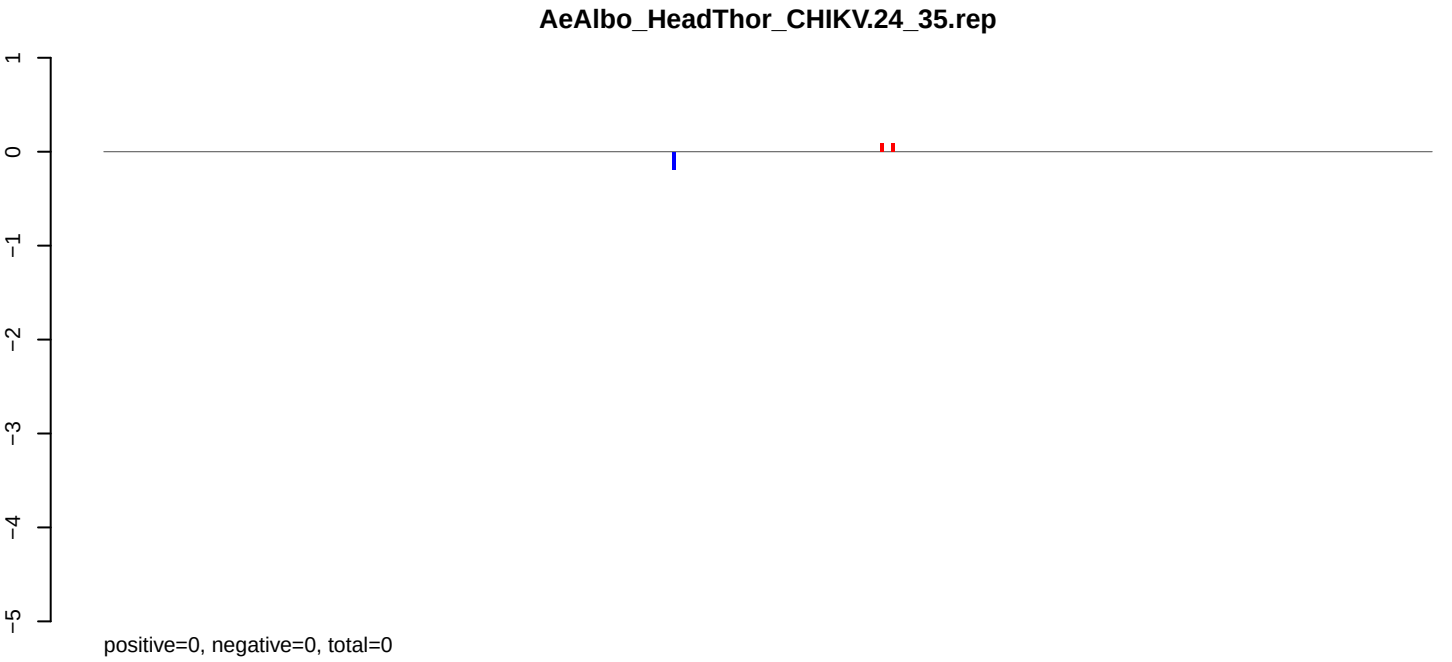

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=9, negative=15, total=24
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=21, total=33
Window size=25, length=6008, TE@ltr−1_family−4358@LTR_Gypsy:1−6008
4
3
2
1
0
−1
−2
−3
0
1000
2000
3000
4000
5000
6000

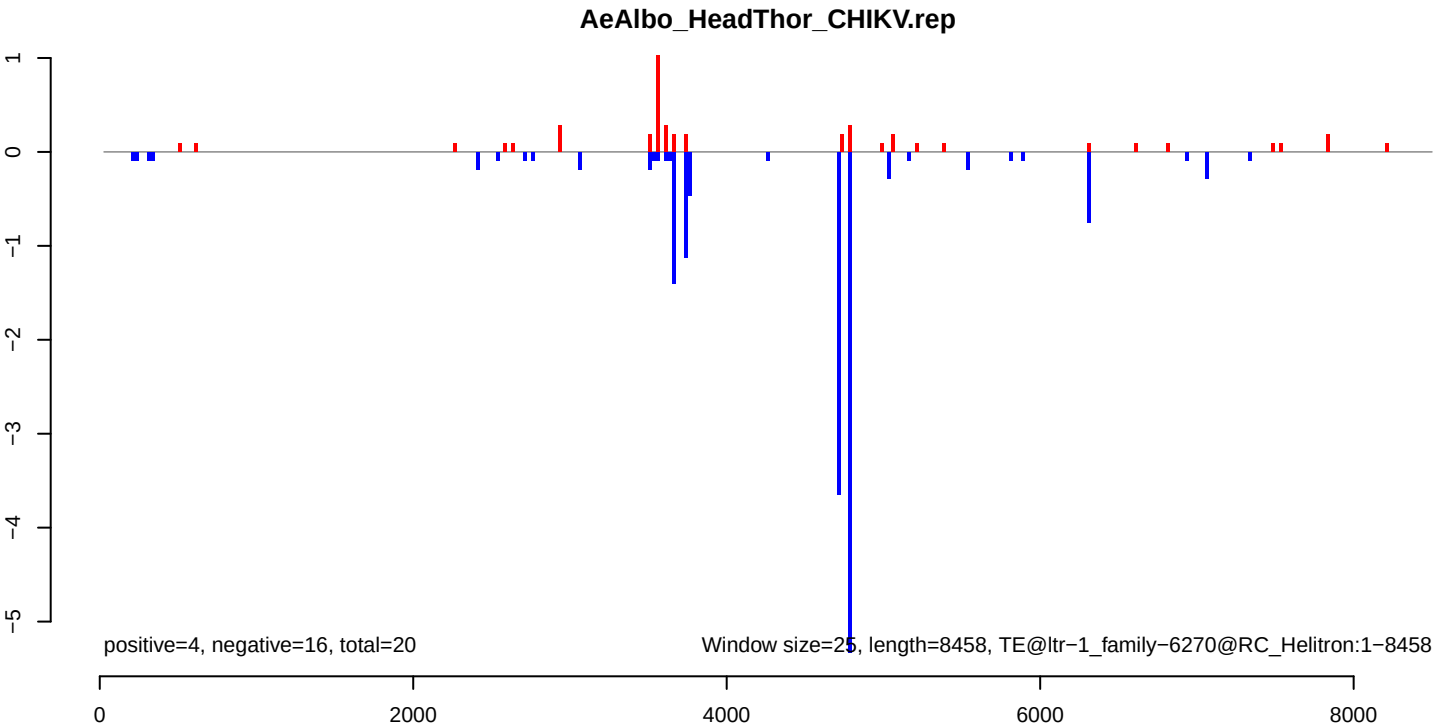

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=112, negative=1, total=113
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=112, negative=1, total=114
Window size=25, length=6727, TE@ltr−1_family−3566@LTR_Copia:1−6727
0
20
40
60
80
100
0
1000
2000
3000
4000
5000
6000
7000

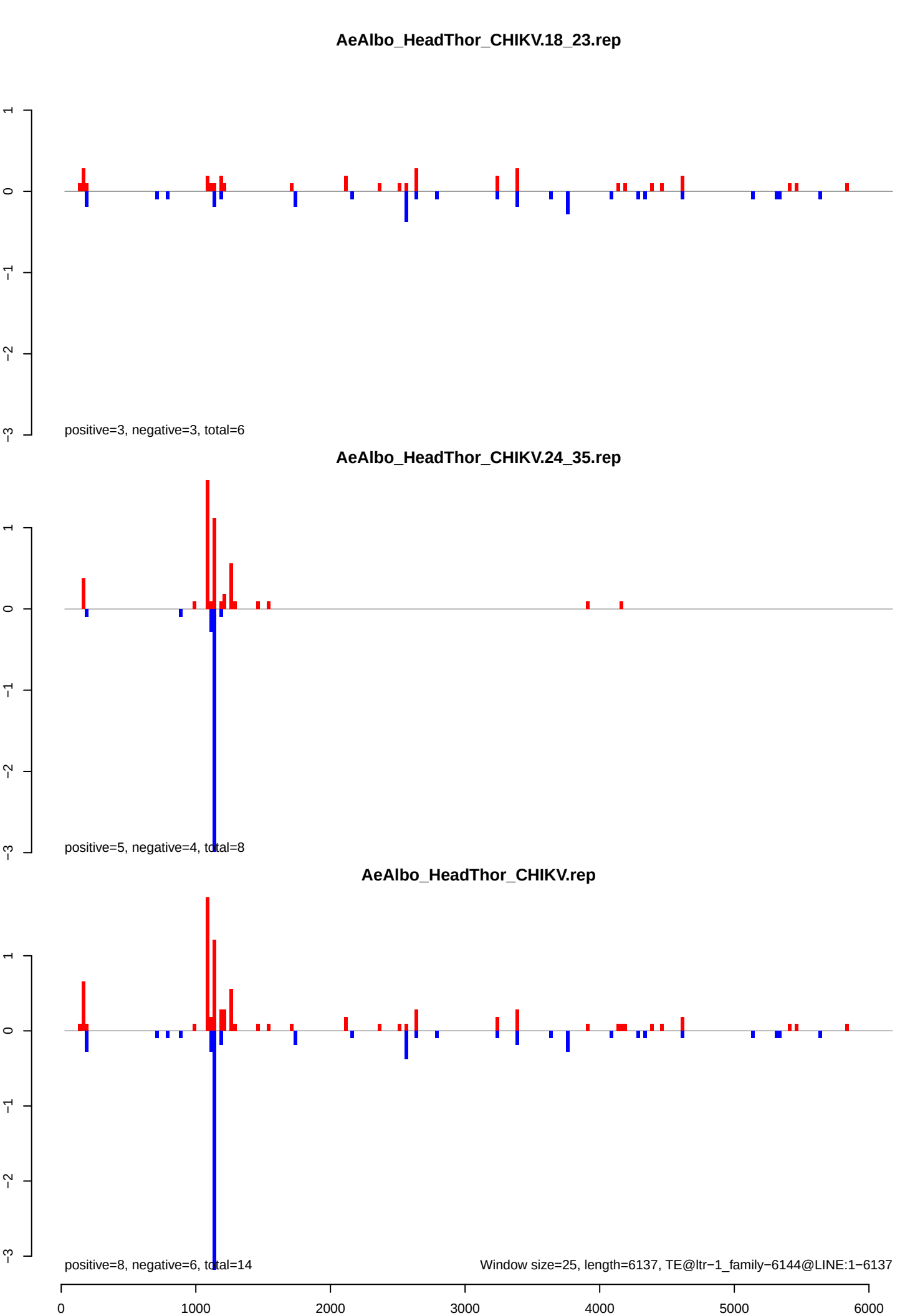

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=11, total=11
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=14, total=17
Window size=25, length=2459, TE@ltr−1_family−3275@LTR_Gypsy:1−2459
0
500
1000
1500
2000
2500

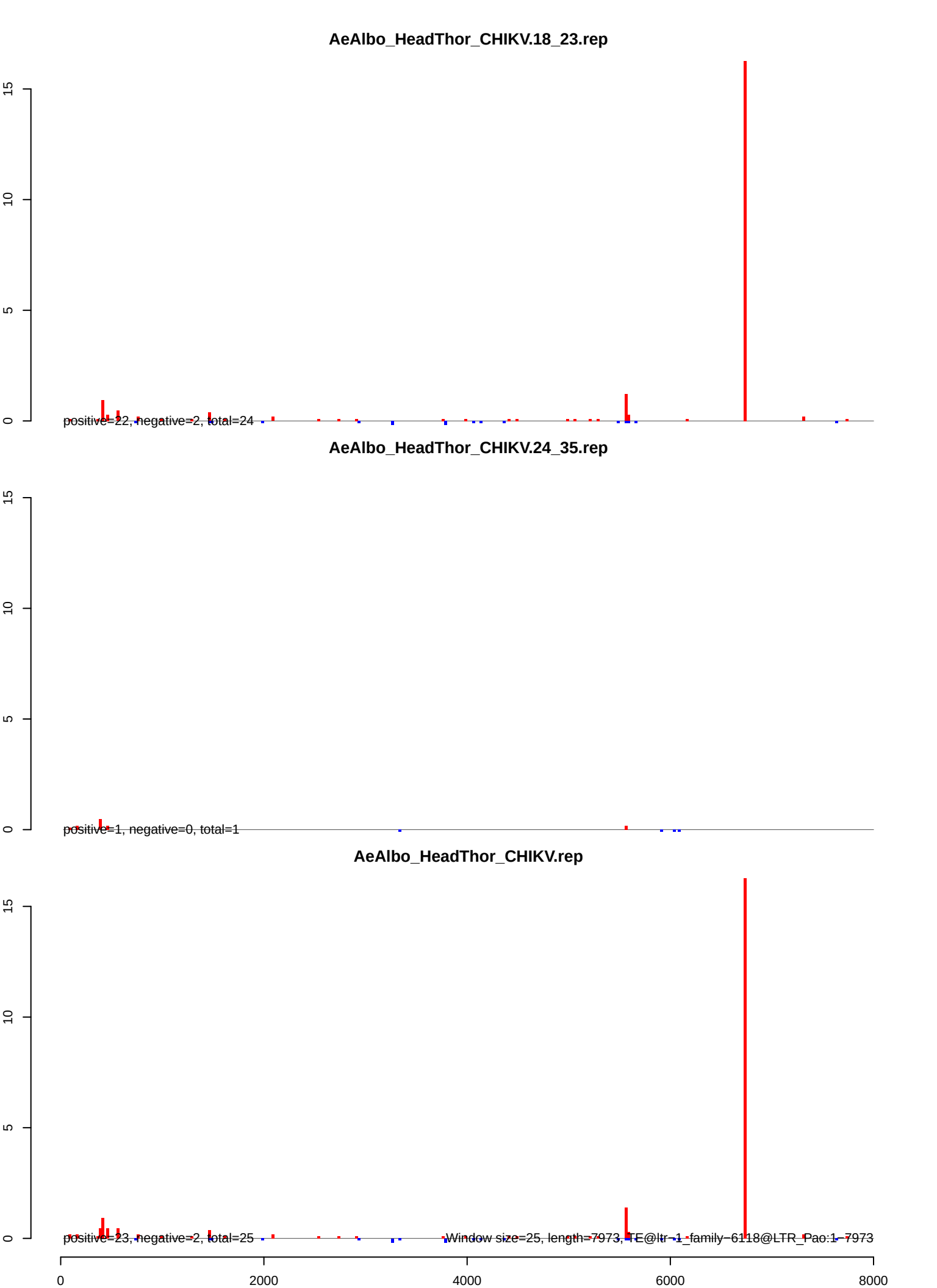

AeAlbo_HeadThor_CHIKV.18_23.rep
0
-200
-400
-600
-800
positive=9, negative=6, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
0
-200
-400
-600
-800
positive=0, negative=849, total=849
AeAlbo_HeadThor_CHIKV.rep
0
-200
-400
-600
-800
positive=9, negative=855, total=864
Window size=25, length=2061, TE@rnd-6_family-4170@LINE_CR1:1-2061
0
500
1000
1500
2000

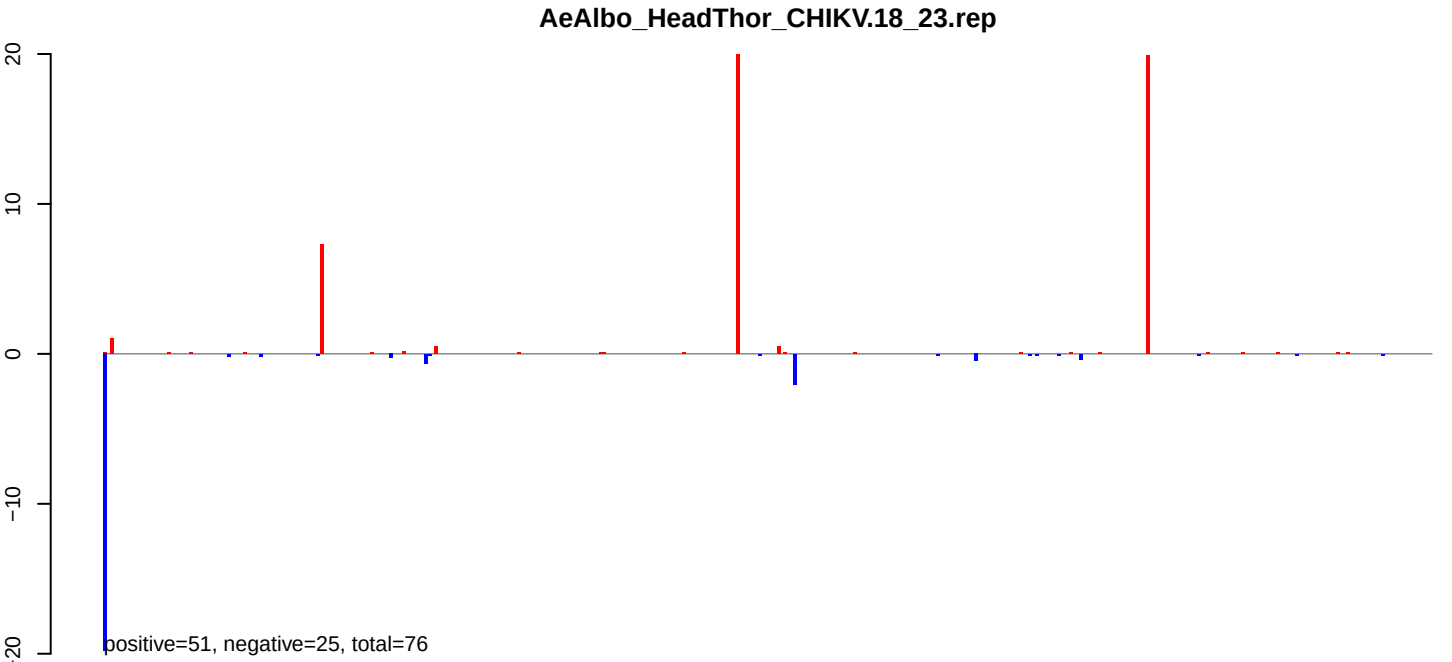

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
−4
−5
positive=4, negative=15, total=20

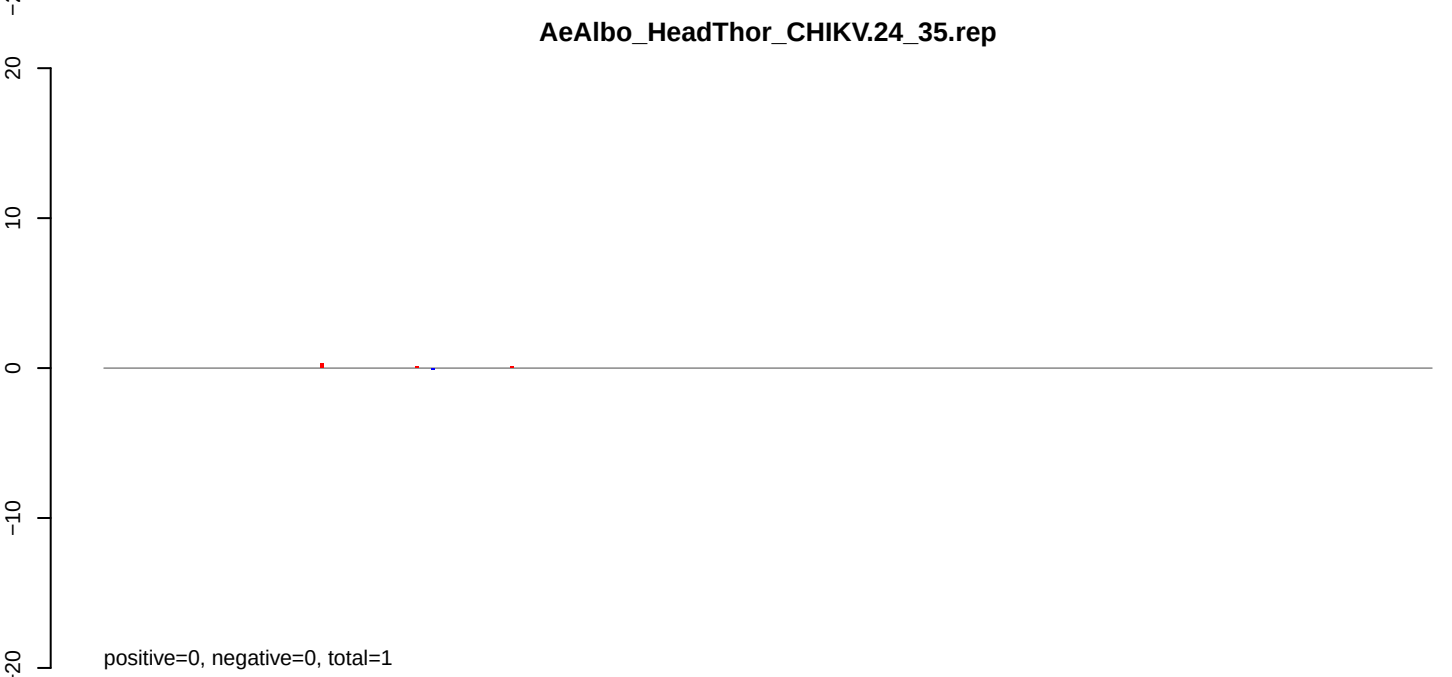

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0

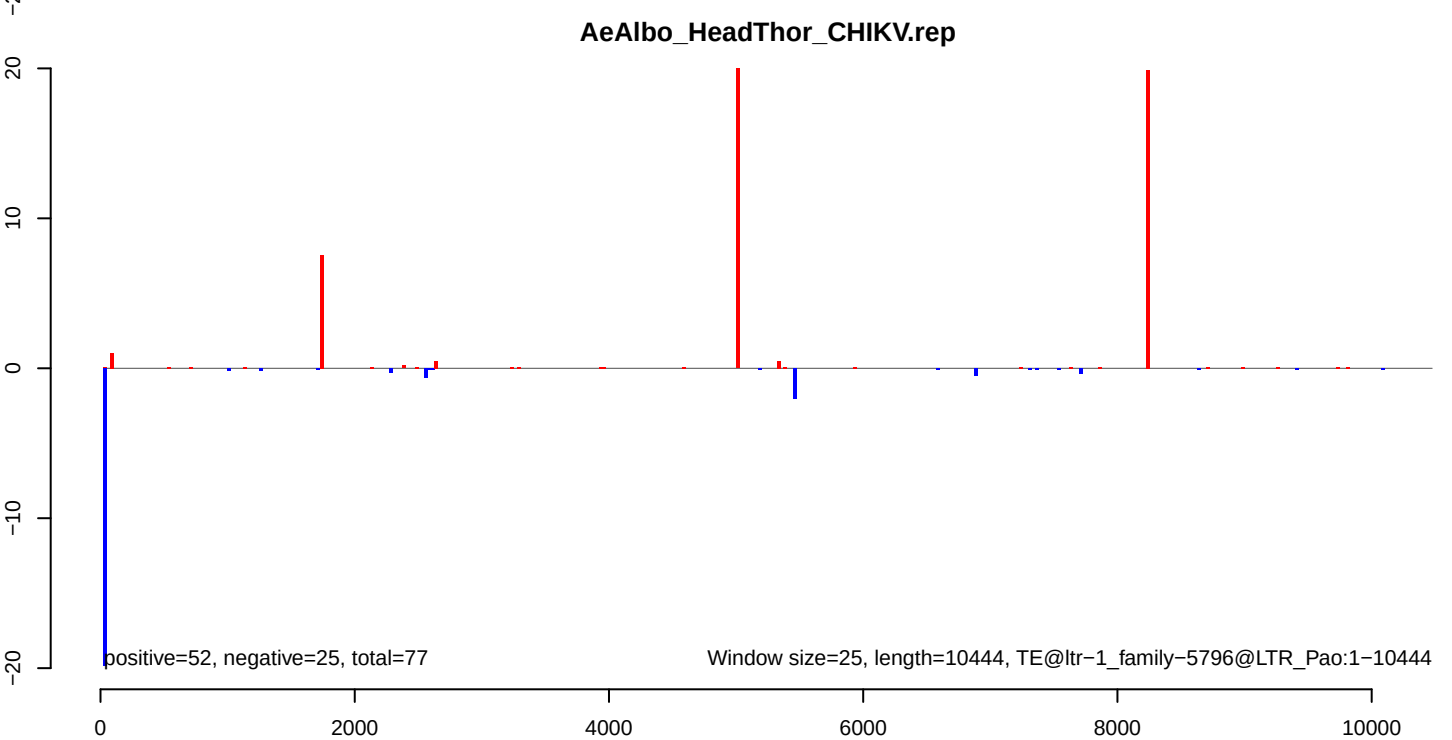

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
−4
−5
positive=4, negative=16, total=20
Window size=25, length=8458, TE@ltr−1_family−6270@RC_Helitron:1−8458
0
2000
4000
6000
8000

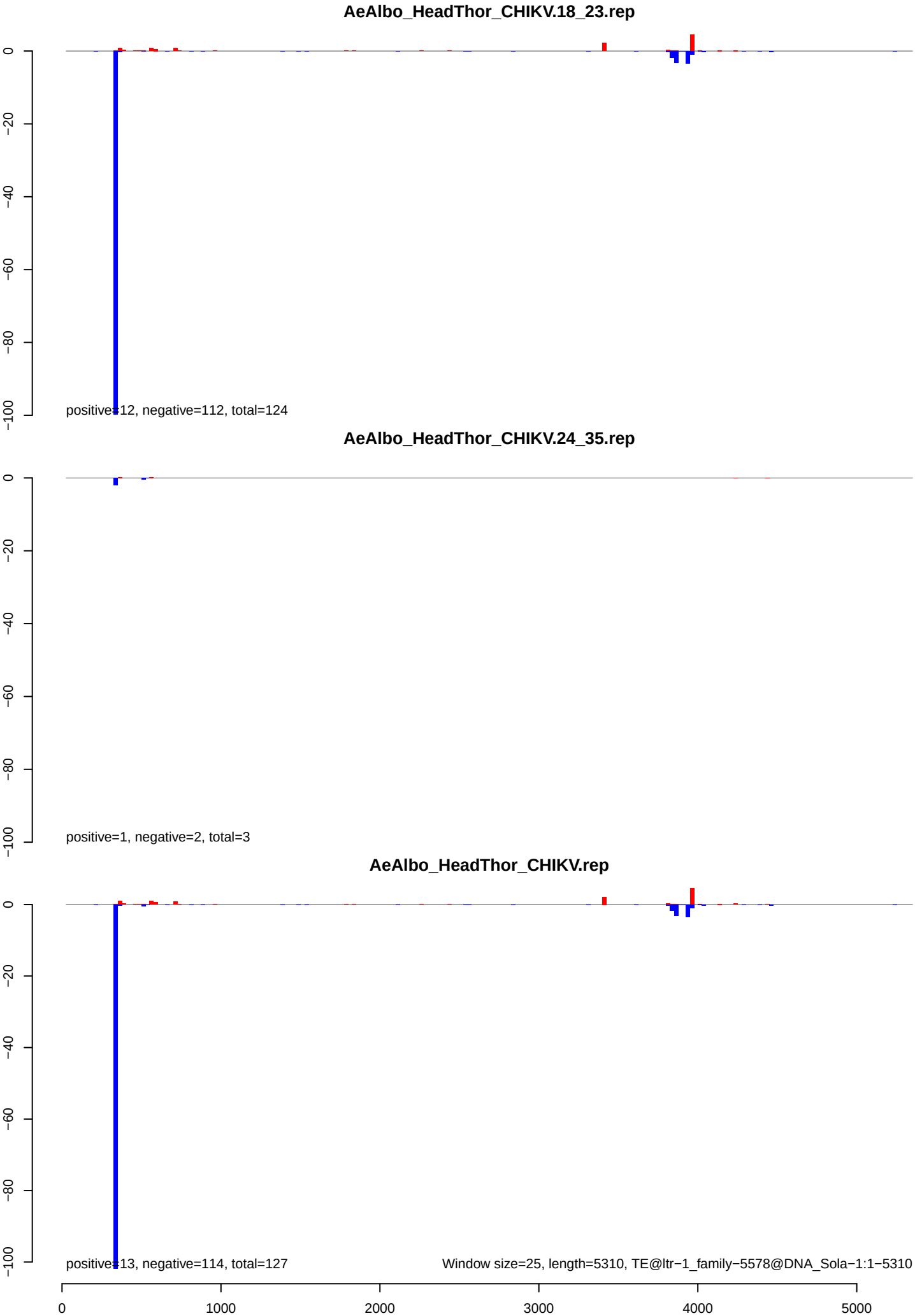

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=5, negative=4, total=8
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=6, total=14
Window size=25, length=6137, TE@ltr−1_family−6144@LINE:1−6137
1
0
−1
−2
−3
0
1000
2000
3000
4000
5000
6000

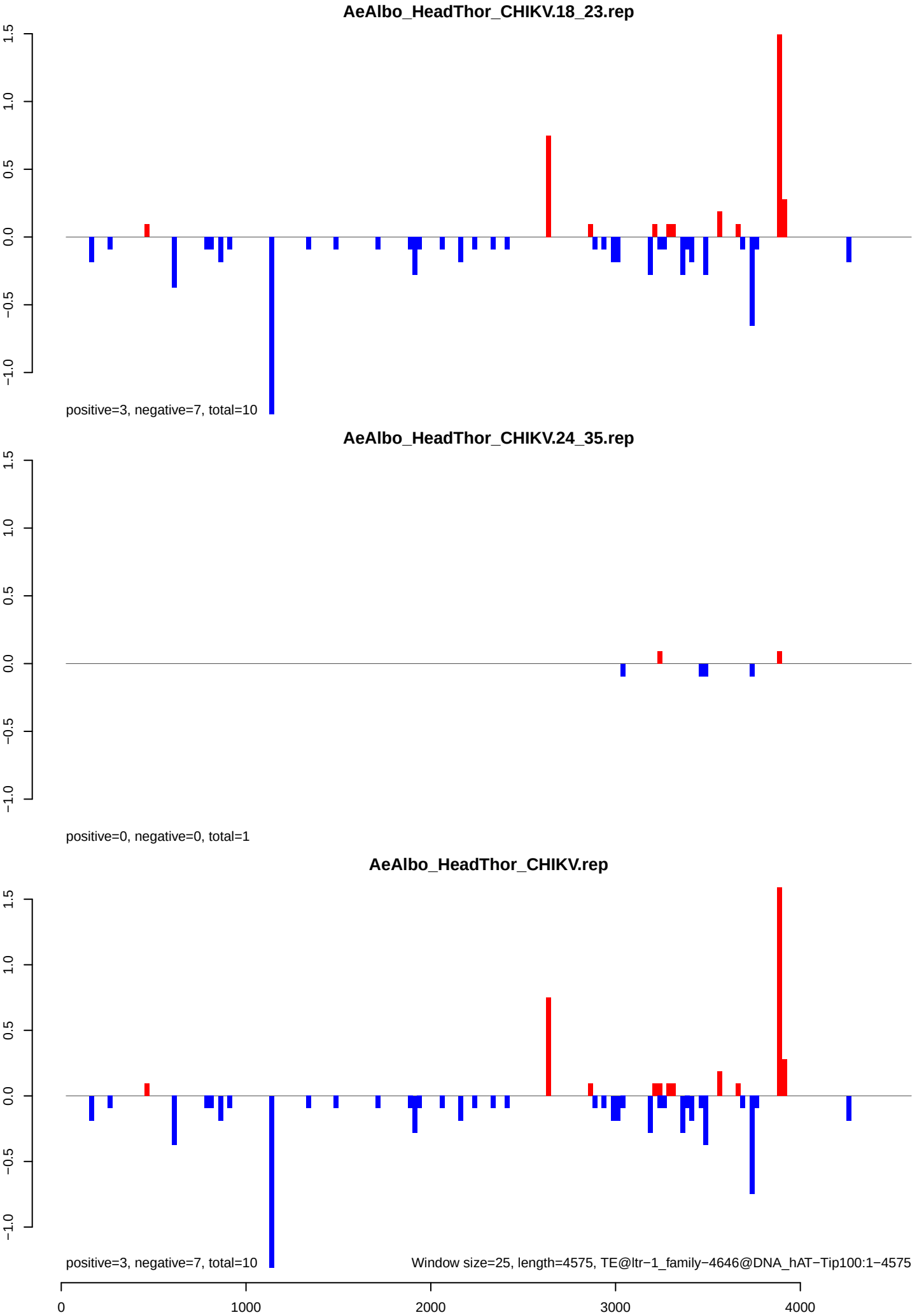

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=22, negative=2, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=23, negative=2, total=25
Window size=25, length=7973, TE@ltr_1_family_6118@LTR_Pao:1_7973
0
5
10
15
0
2000
4000
6000
8000

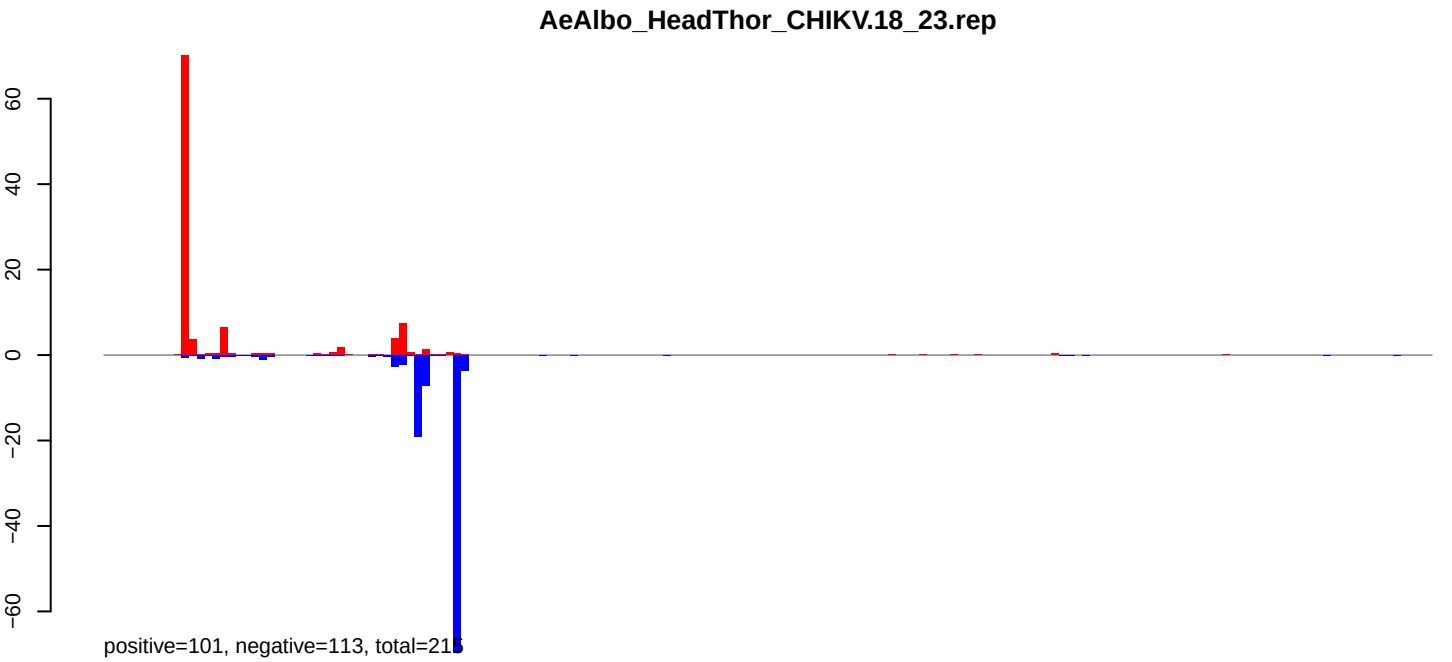

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=51, negative=25, total=76

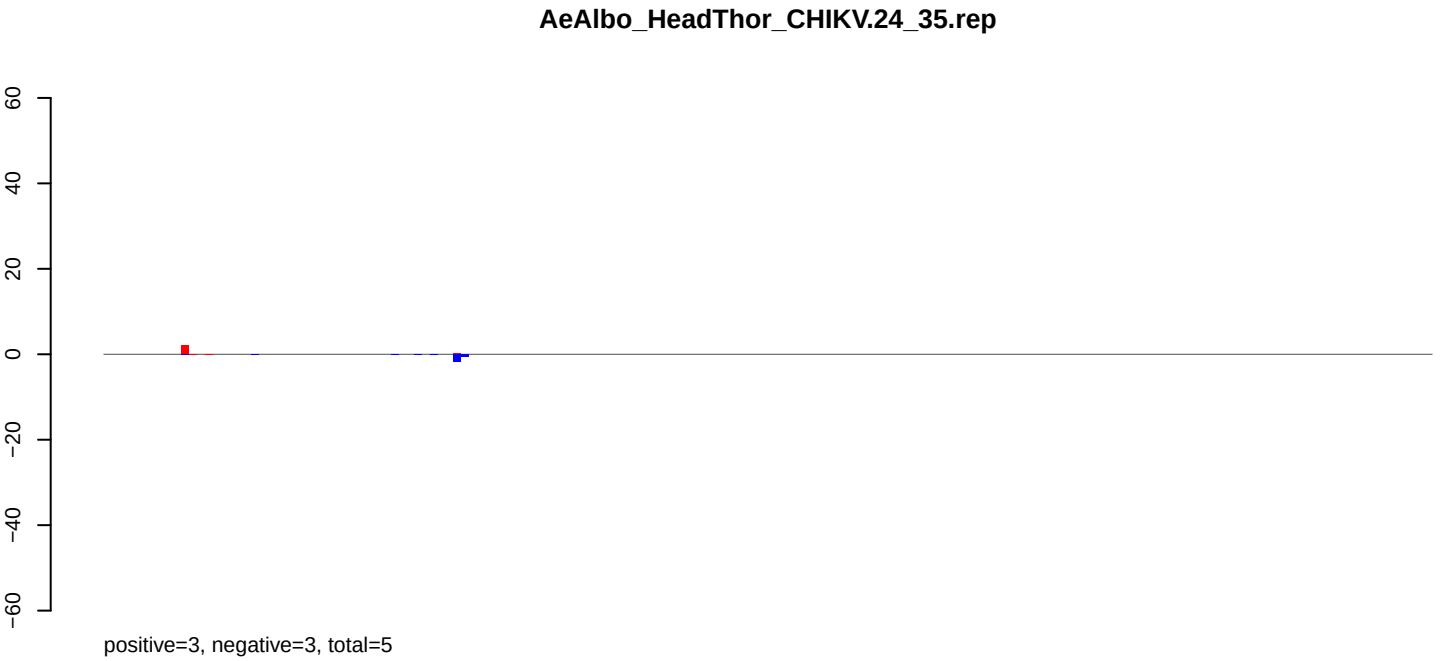

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=0, negative=0, total=1

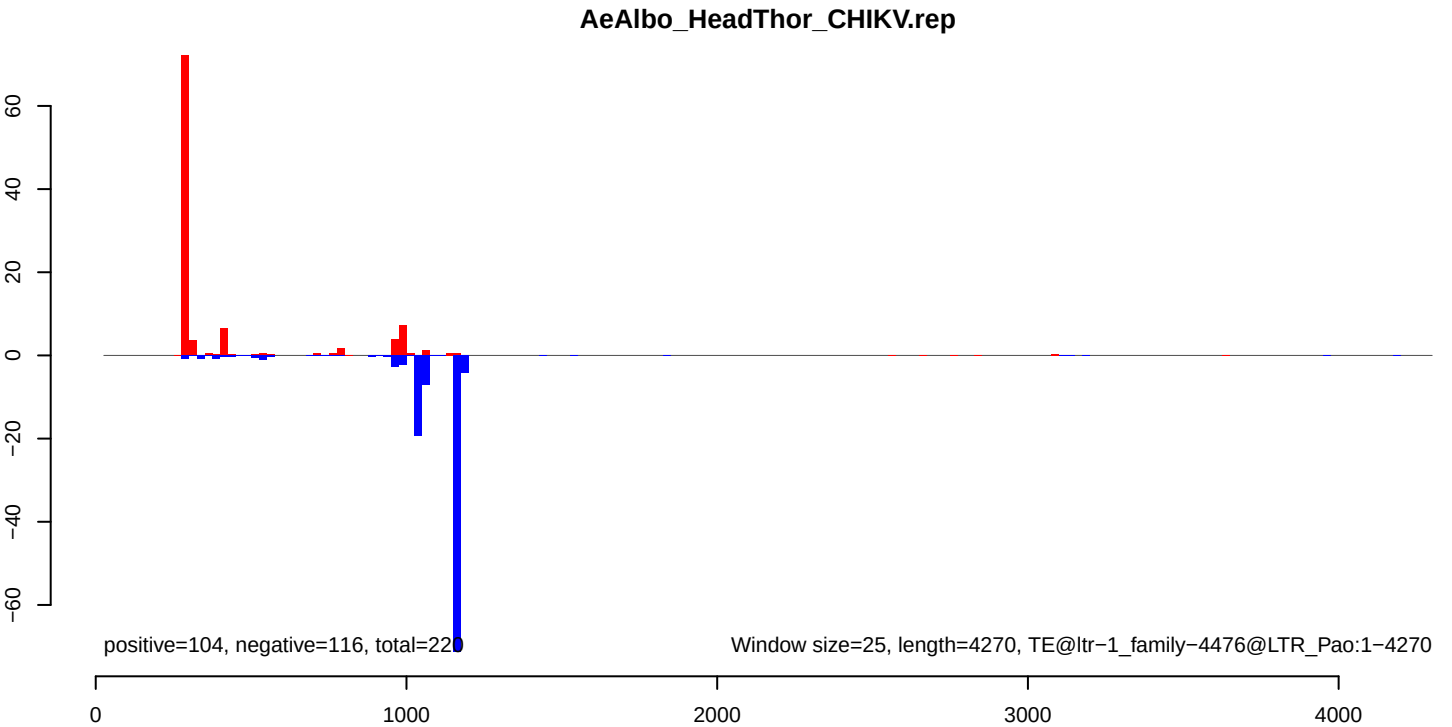

AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
positive=52, negative=25, total=77
Window size=25, length=10444, TE@ltr−1_family−5796@LTR_Pao:1−10444
0
2000
4000
6000
8000
10000

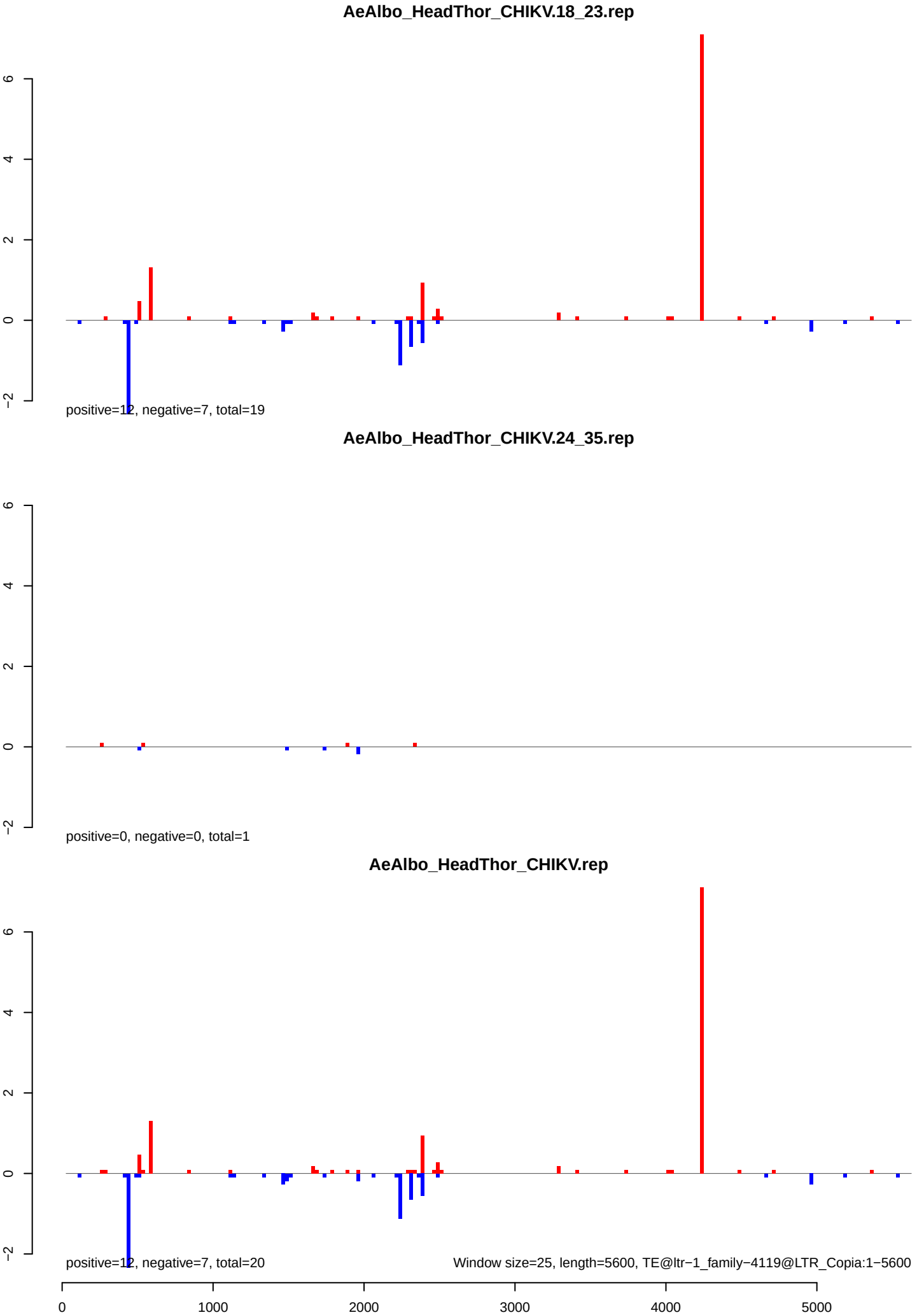

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=12, negative=112, total=124
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=13, negative=114, total=127
Window size=25, length=5310, TE@ltr−1_family−5578@DNA_Sola−1:1−5310
0
1000
2000
3000
4000
5000

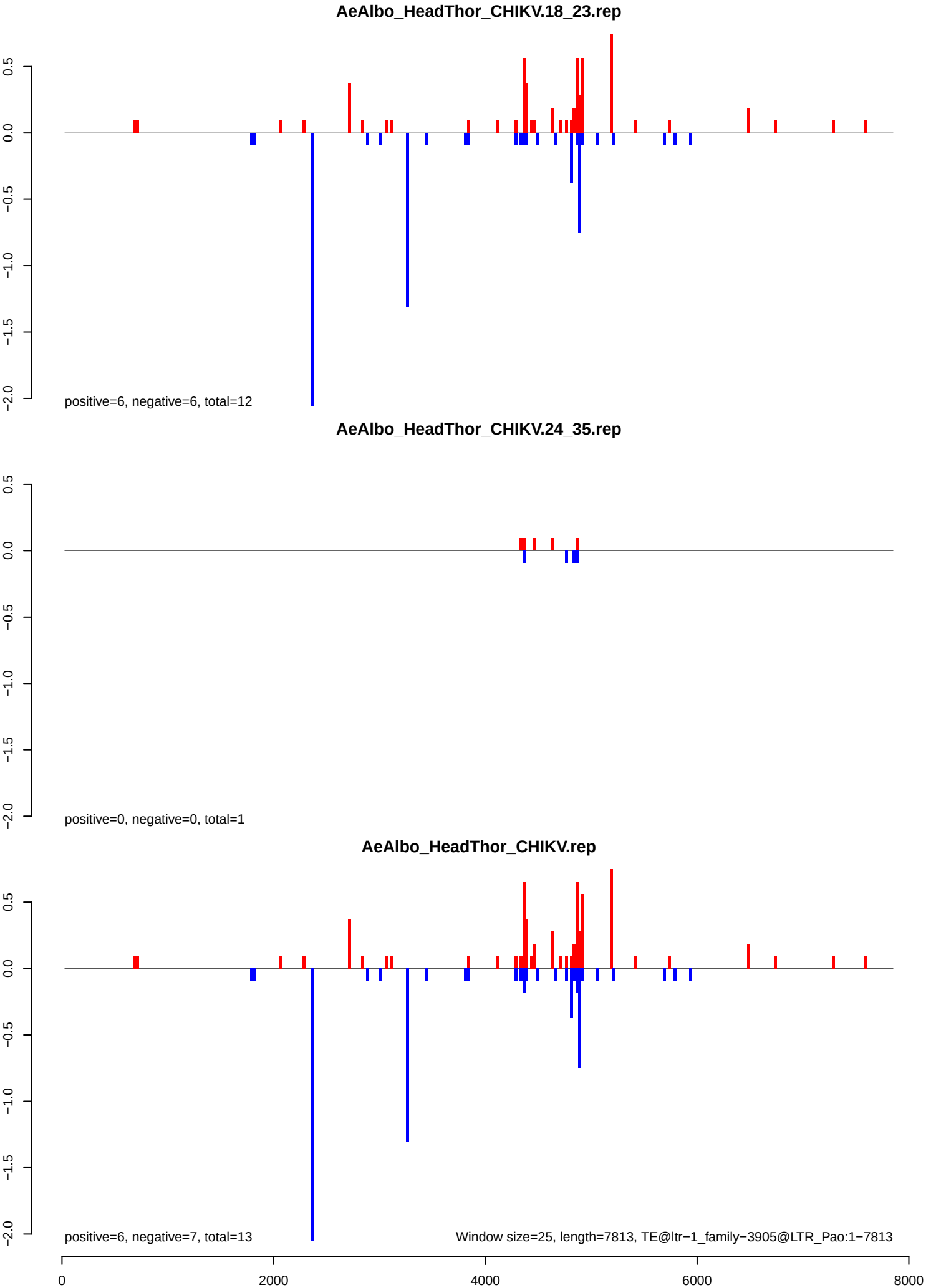

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=7, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=7, total=10
Window size=25, length=4575, TE@ltr−1_family−4646@DNA_hAT−Tip100:1−4575
0
1000
2000
3000
4000

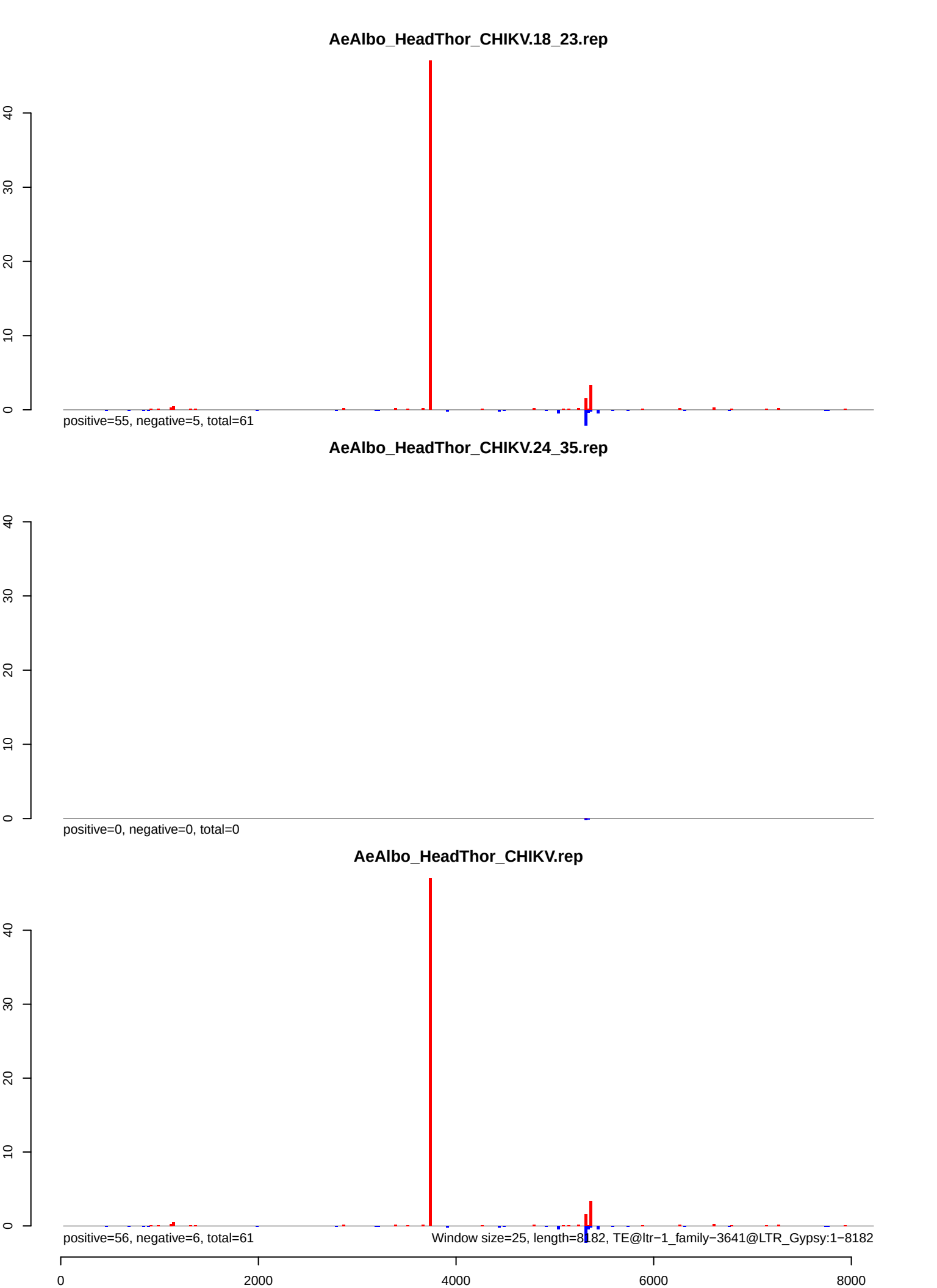

AeAlbo_HeadThor_CHIKV.18_23.rep
60
40
20
0
−20
−40
−60
positive=101, negative=113, total=215

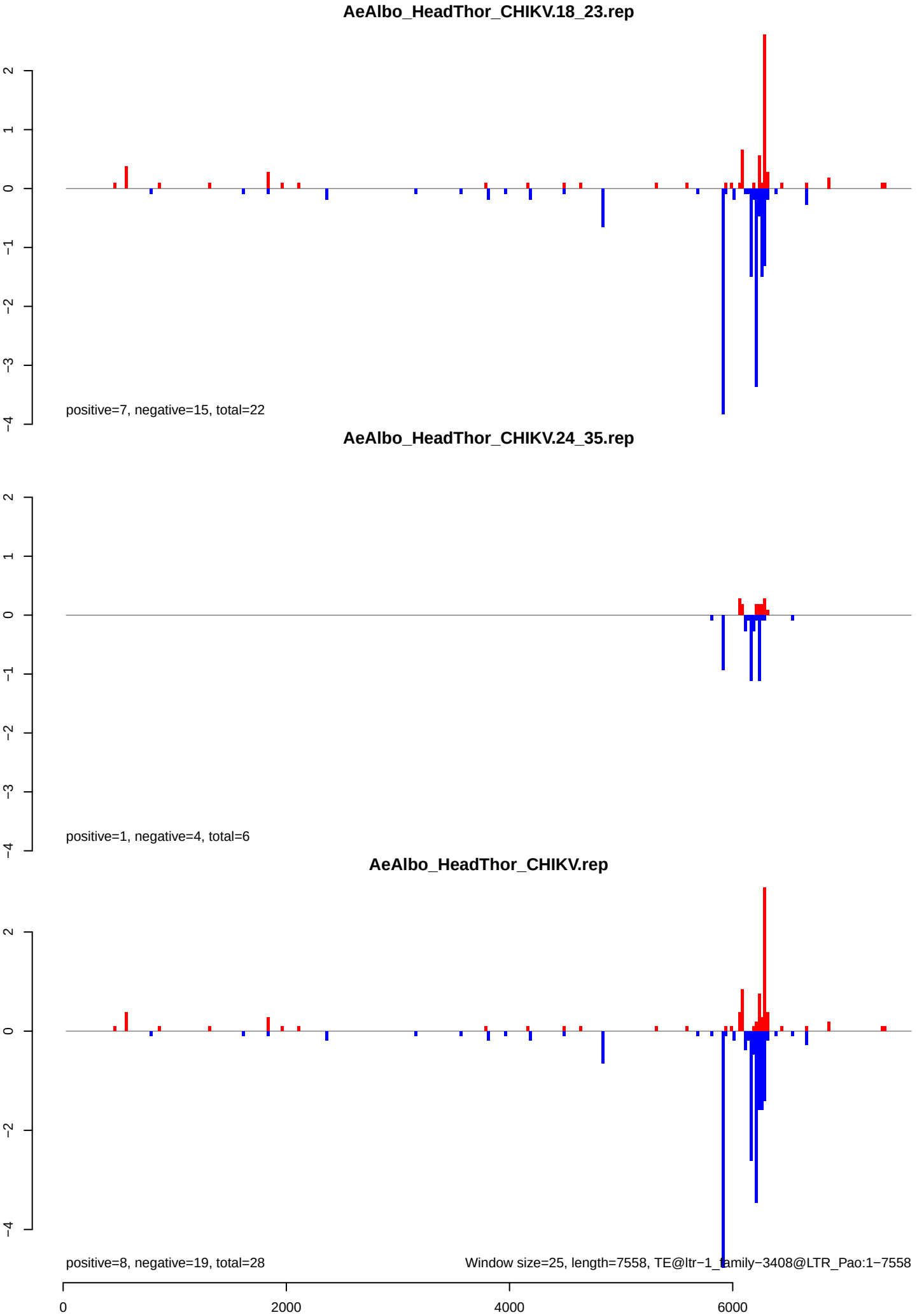

AeAlbo_HeadThor_CHIKV.24_35.rep
60
40
20
0
−20
−40
−60
positive=3, negative=3, total=5

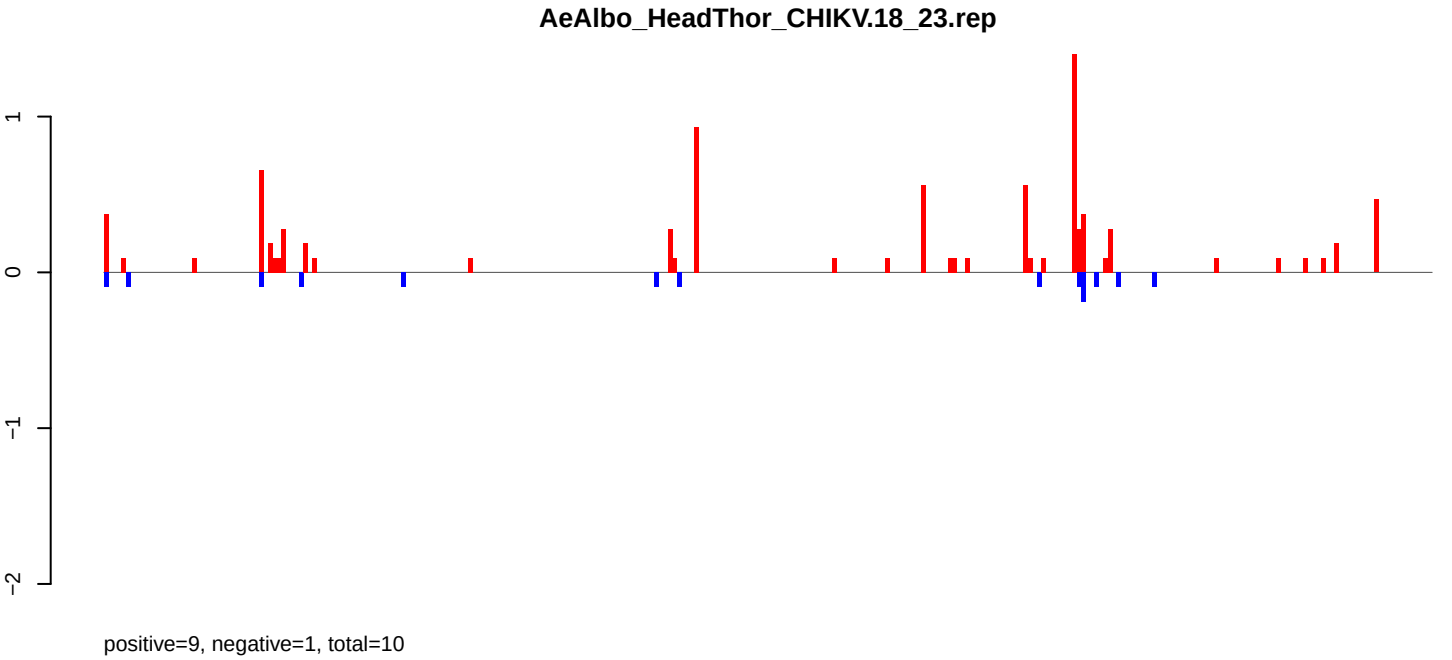

AeAlbo_HeadThor_CHIKV.rep
60
40
20
0
−20
−40
−60
positive=104, negative=116, total=220
Window size=25, length=4270, TE@ltr−1_family−4476@LTR_Pao:1−4270
0
1000
2000
3000
4000

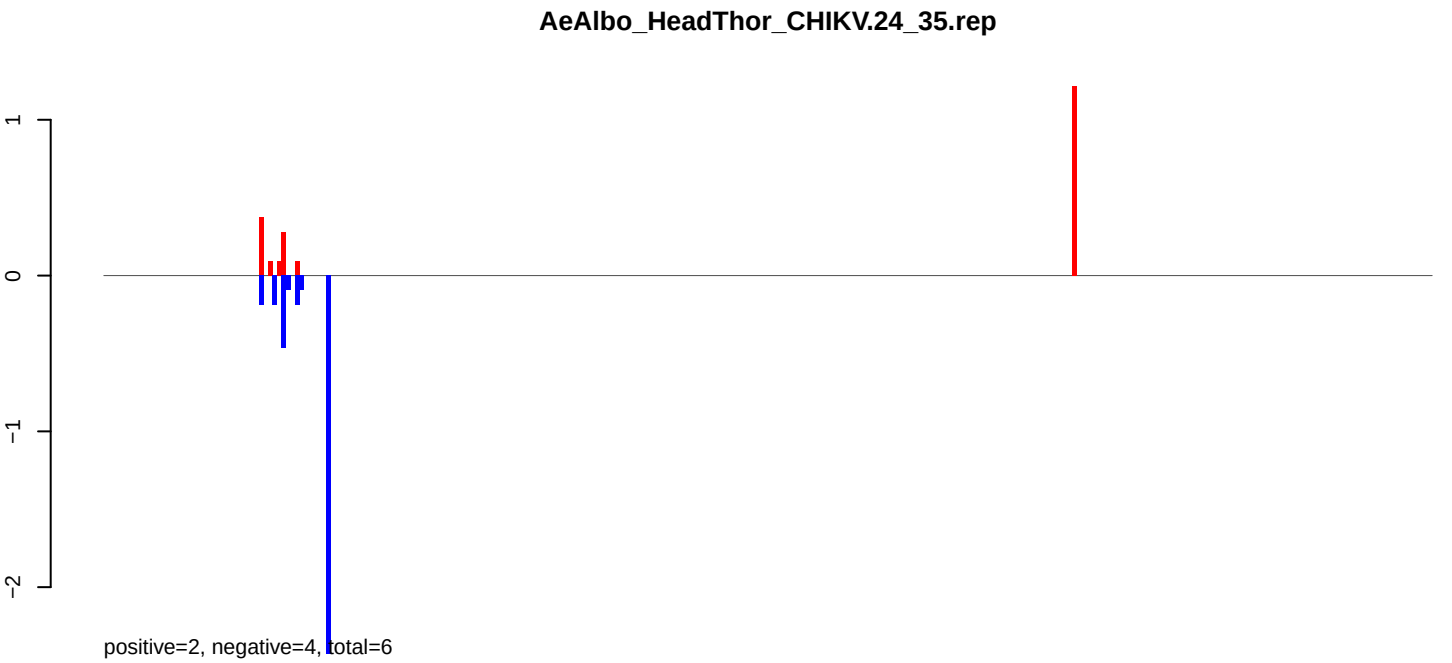

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=12, negative=7, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=7, total=20
Window size=25, length=5600, TE@ltr−1_family−4119@LTR_Copia:1−5600
6
4
2
0
−2
0
1000
2000
3000
4000
5000

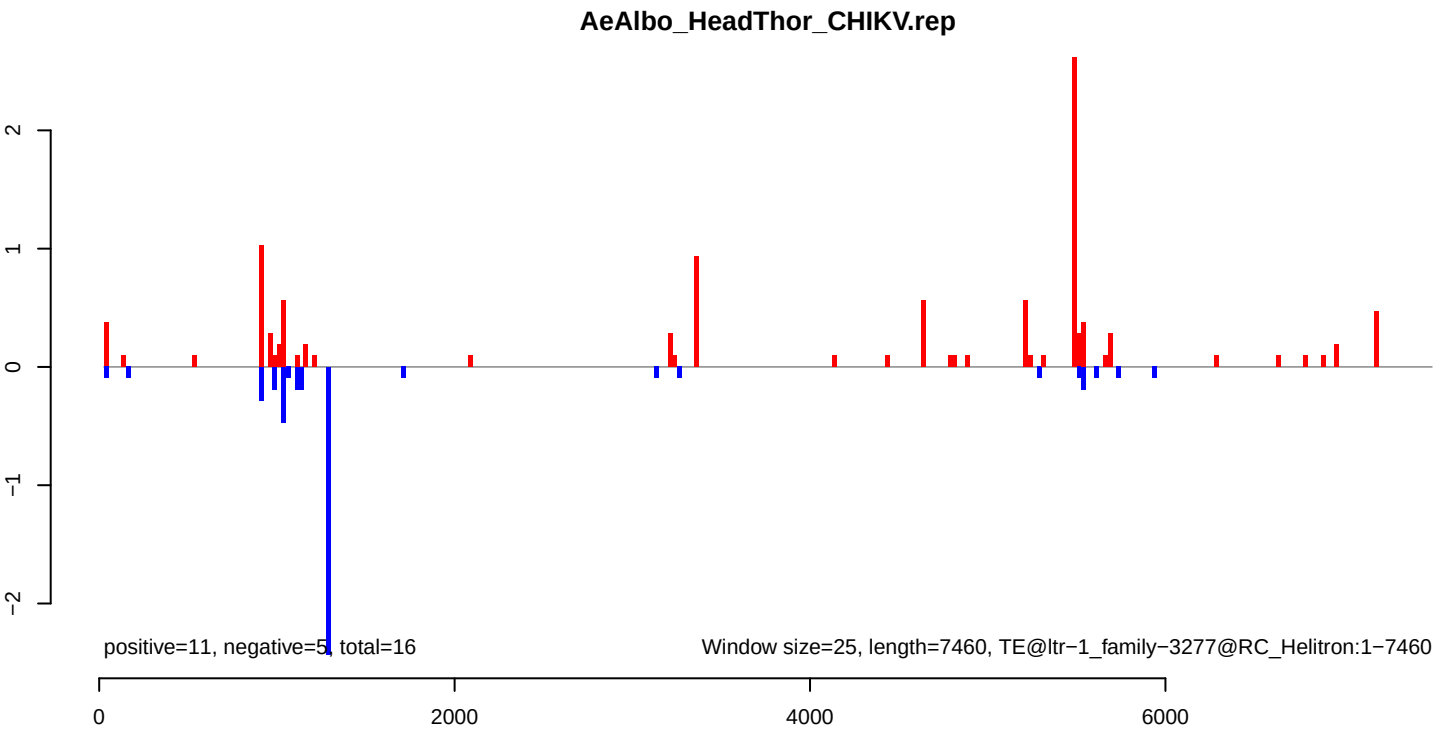

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=6, negative=6, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=6, negative=7, total=13
Window size=25, length=7813, TE@ltr−1_family−3905@LTR_Pao:1−7813
0
2000
4000
6000
8000

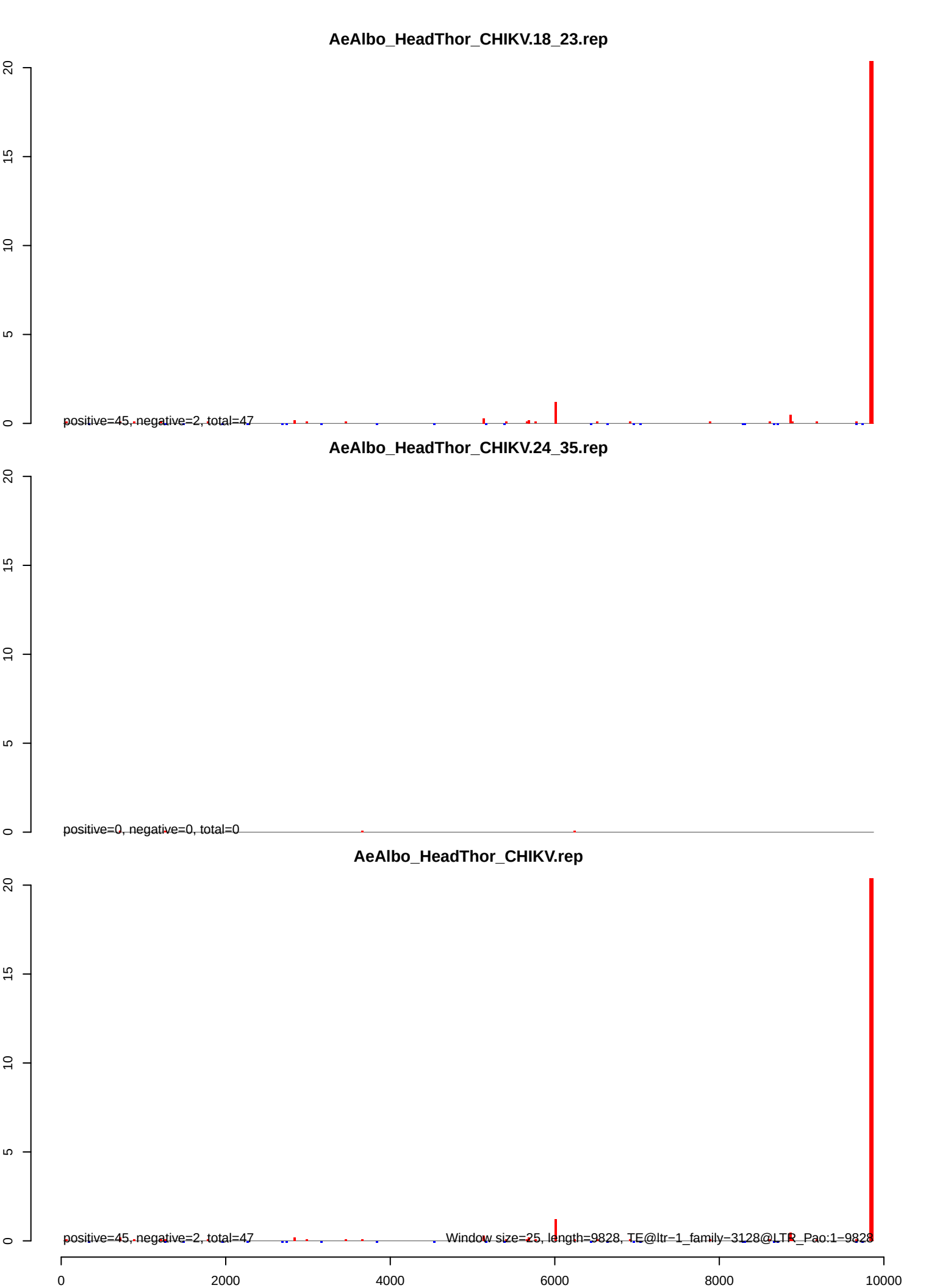

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=55, negative=5, total=61
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=56, negative=6, total=61
Window size=25, length=8182, TE@ltr−1_family−3641@LTR_Gypsy:1−8182
0
2000
4000
6000
8000

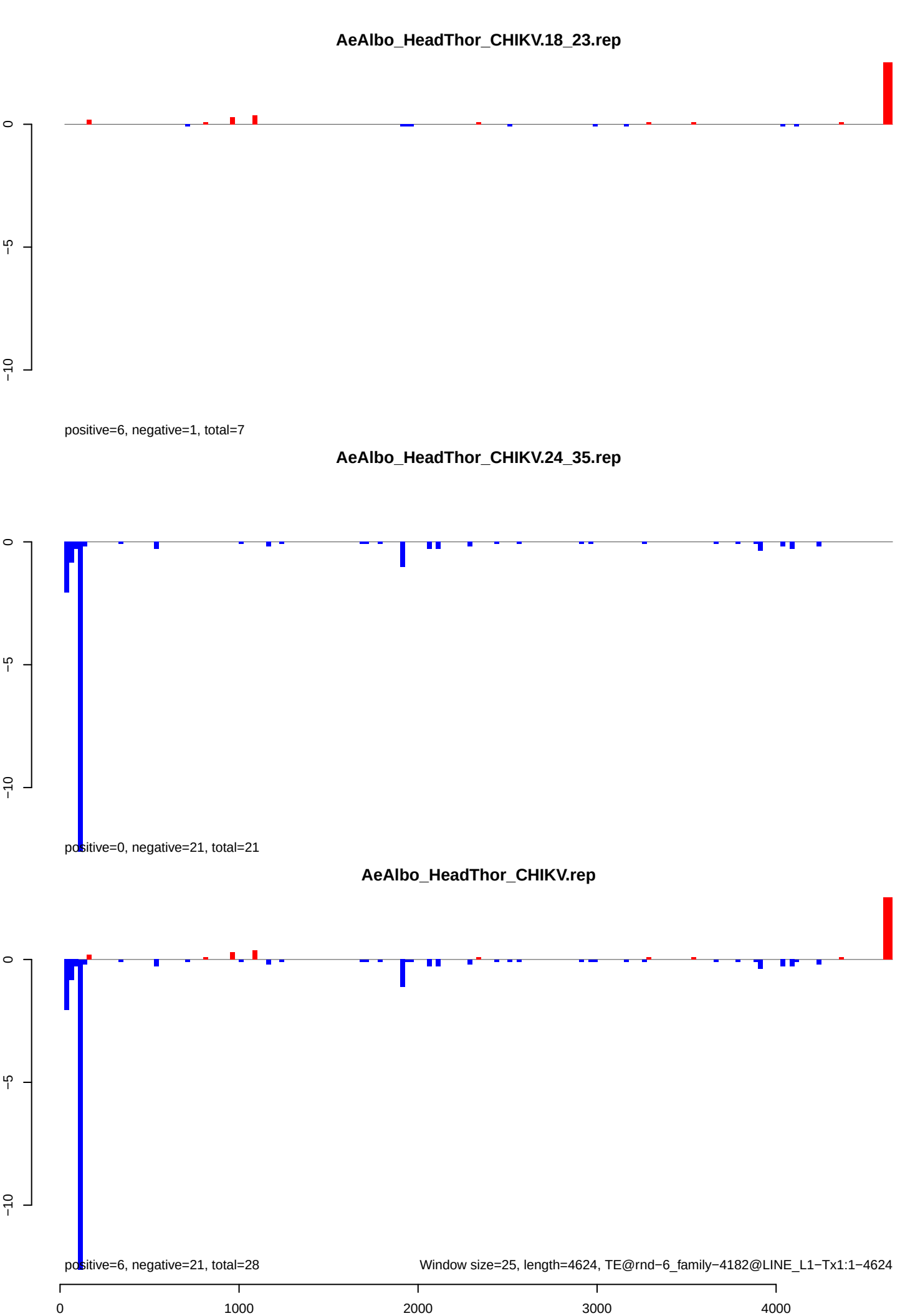

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=15, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=4, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=19, total=28
Window size=25, length=7558, TE@ltr−1_family−3408@LTR_Pao:1−7558
0
2000
4000
6000

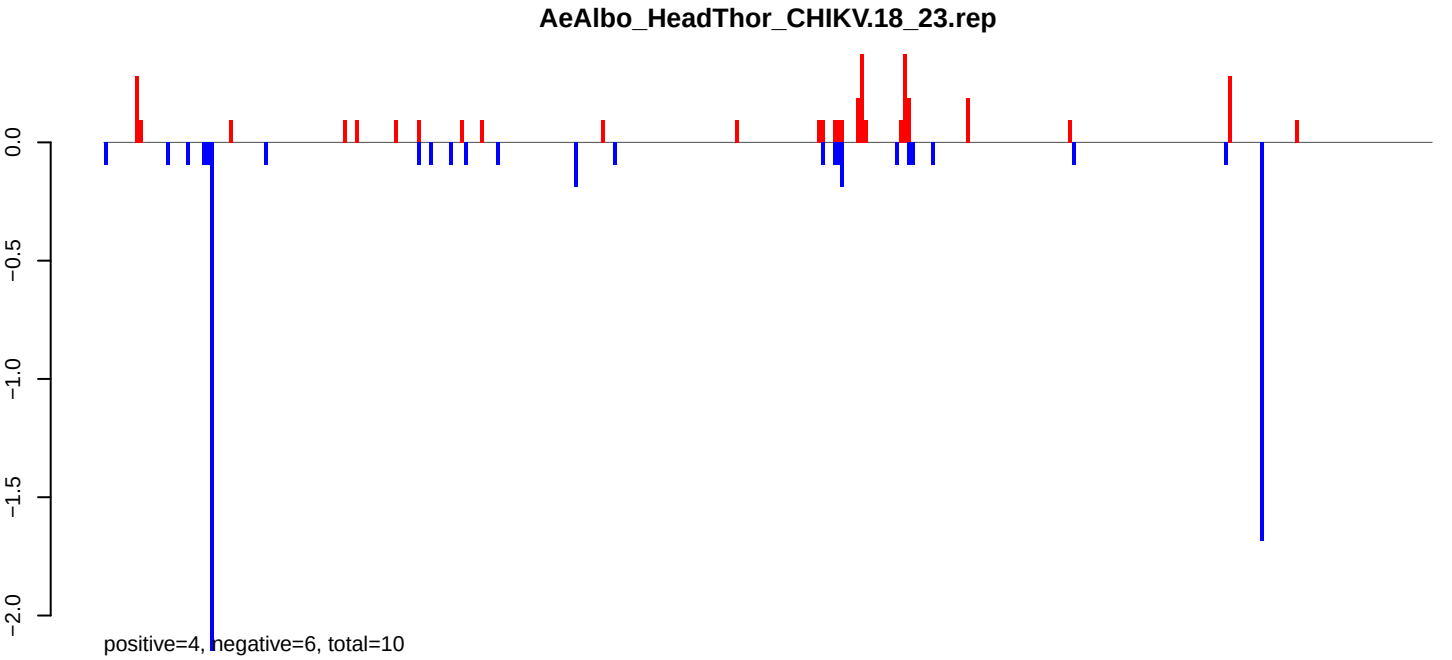

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=9, negative=1, total=10

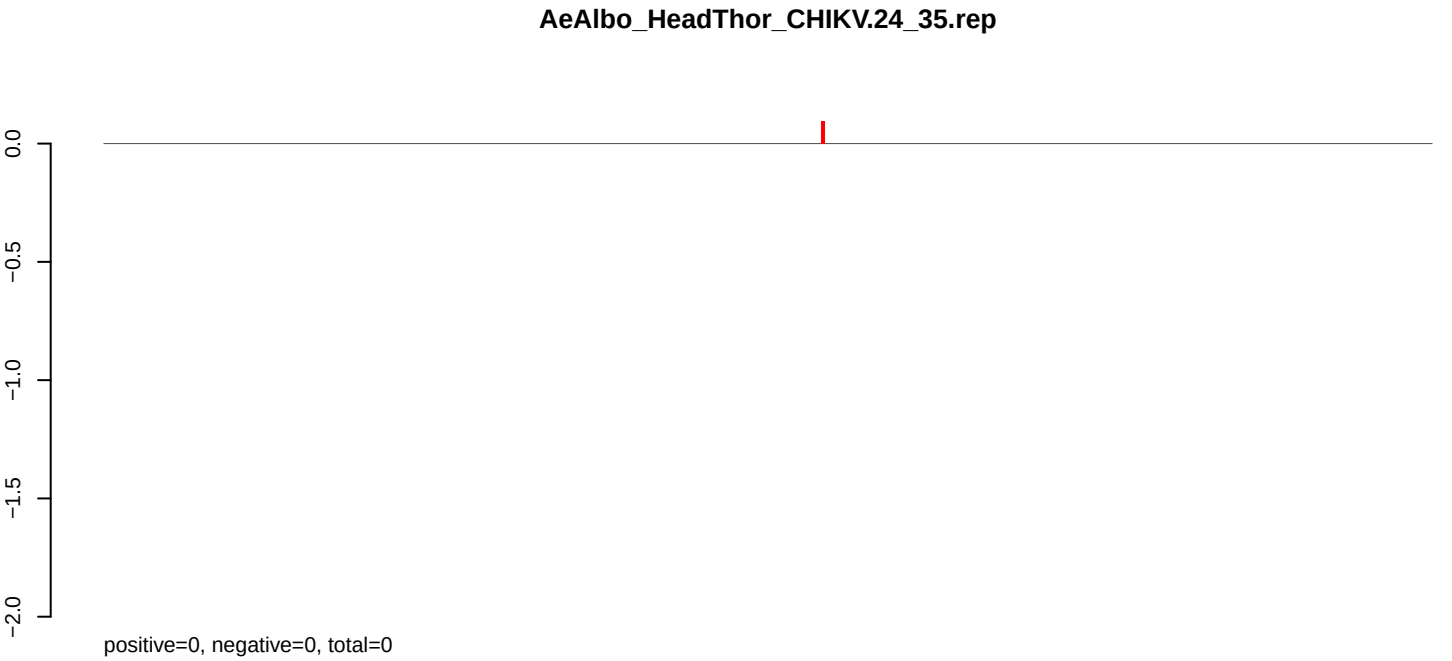

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=2, negative=4, total=6

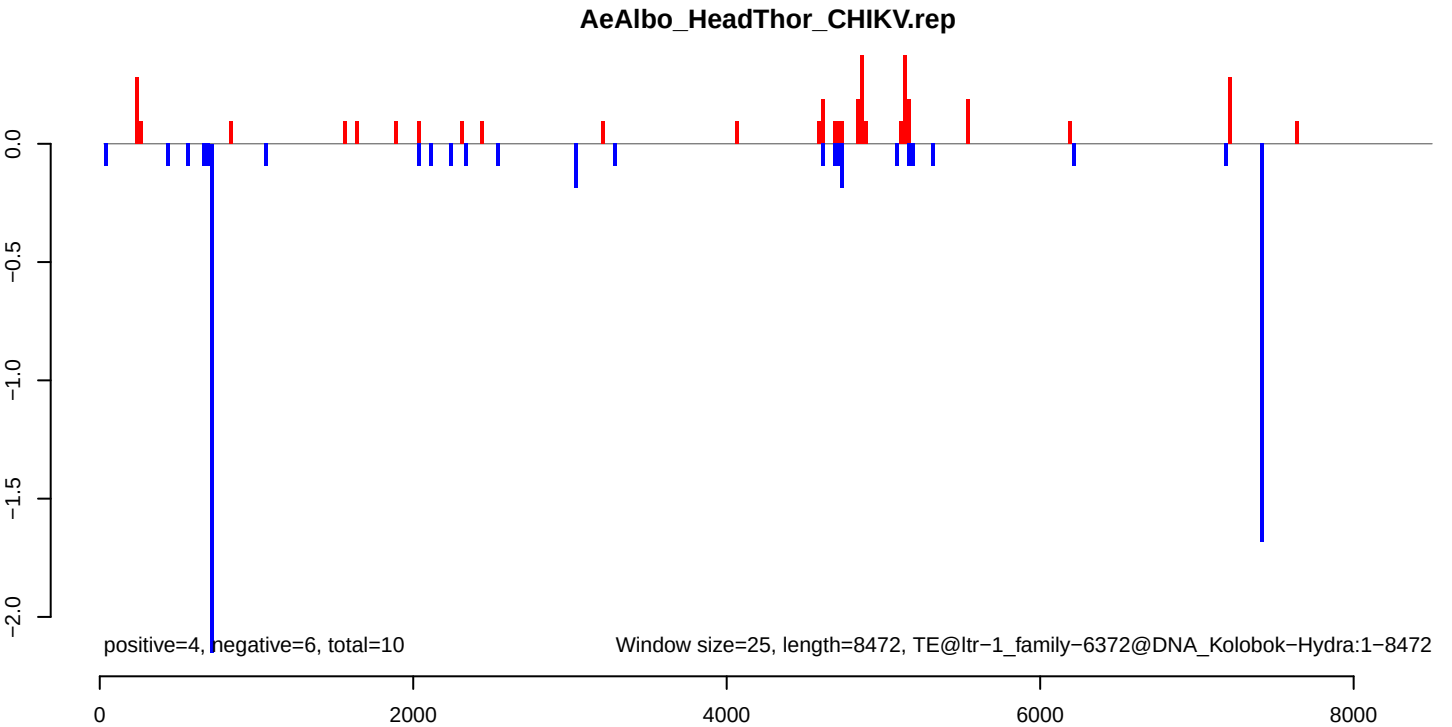

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
positive=11, negative=5, total=16
Window size=25, length=7460, TE@ltr−1_family−3277@RC_Helitron:1−7460
0
2000
4000
6000

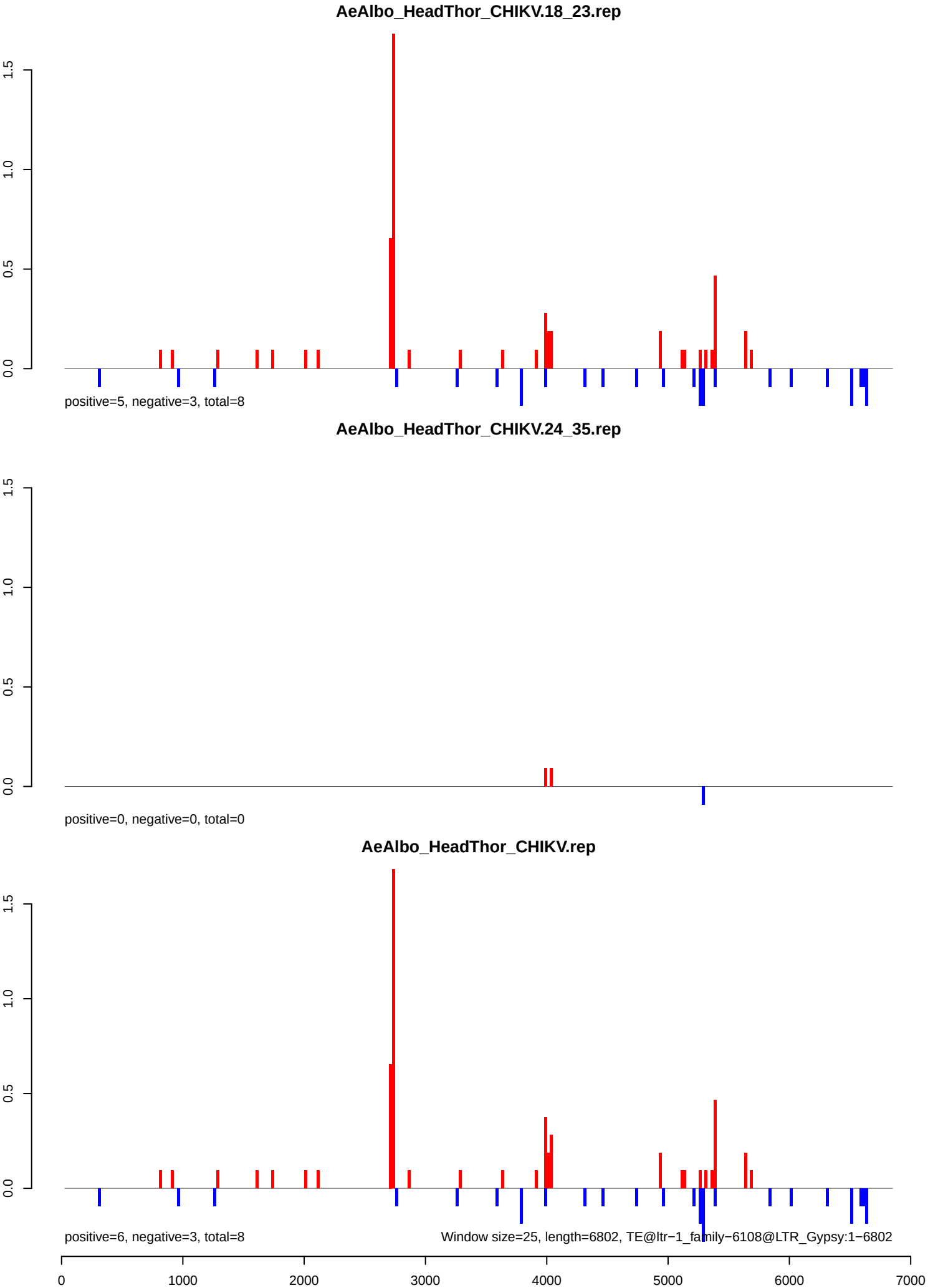

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=45, negative=2, total=47
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=45, negative=2, total=47
Window size=25, length=9828, TE@ltr−1_family−3128@LTR_Pao:1−9828
0
5
10
15
20
0
2000
4000
6000
8000
10000

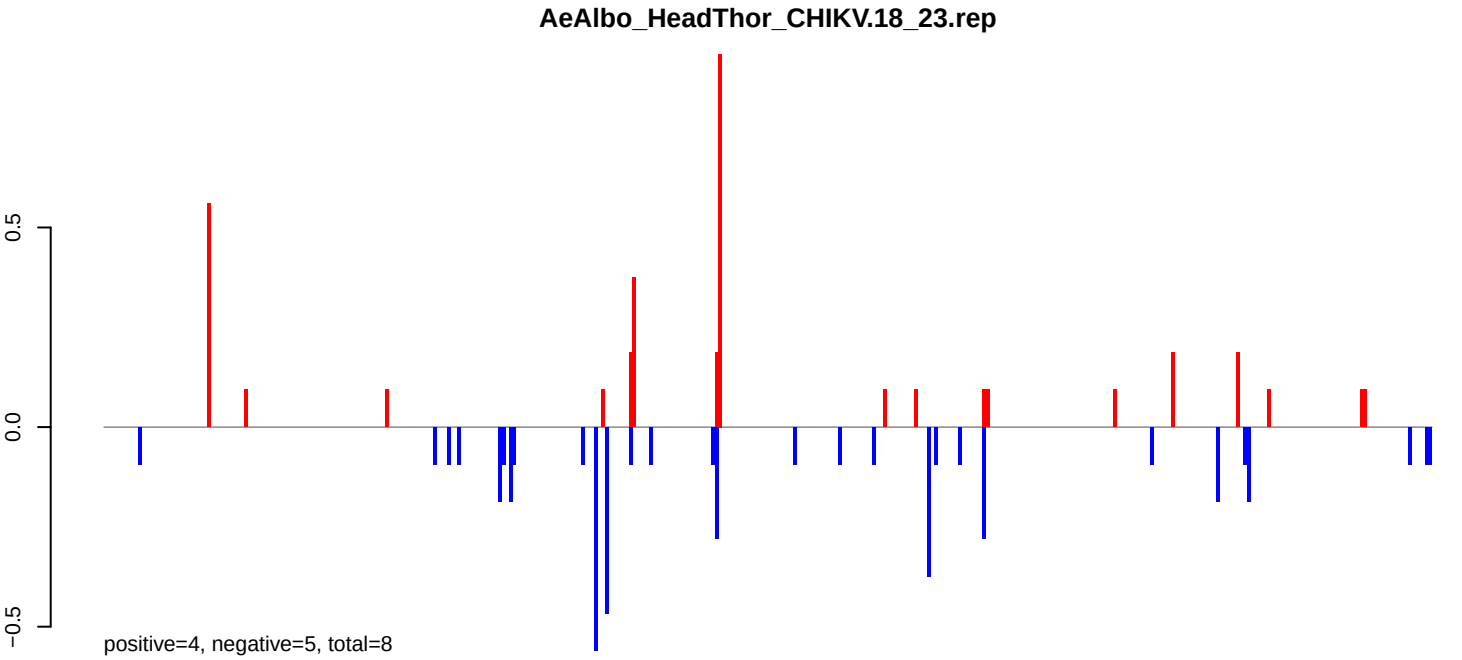

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=6, negative=1, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=0, negative=21, total=21
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
positive=6, negative=21, total=28
Window size=25, length=4624, TE@rnd−6_family−4182@LINE_L1−Tx1:1−4624
0
1000
2000
3000
4000

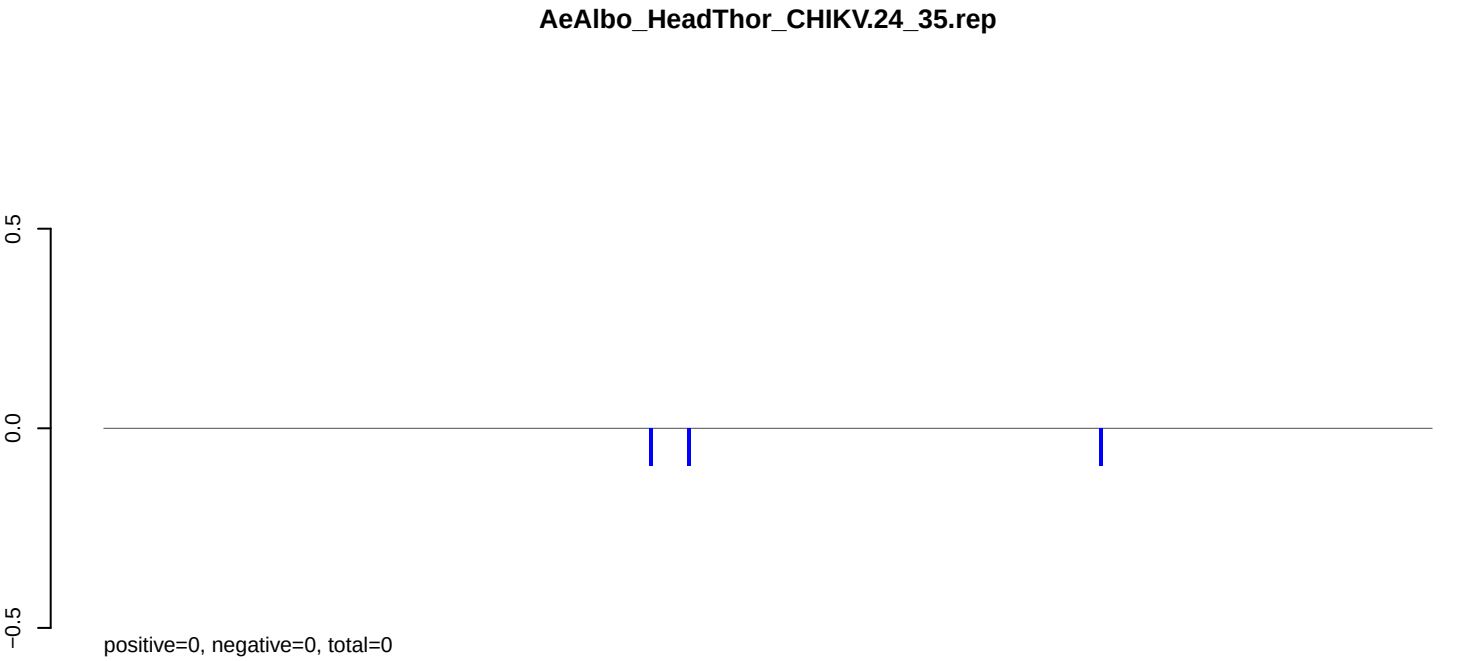

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=4, negative=6, total=10

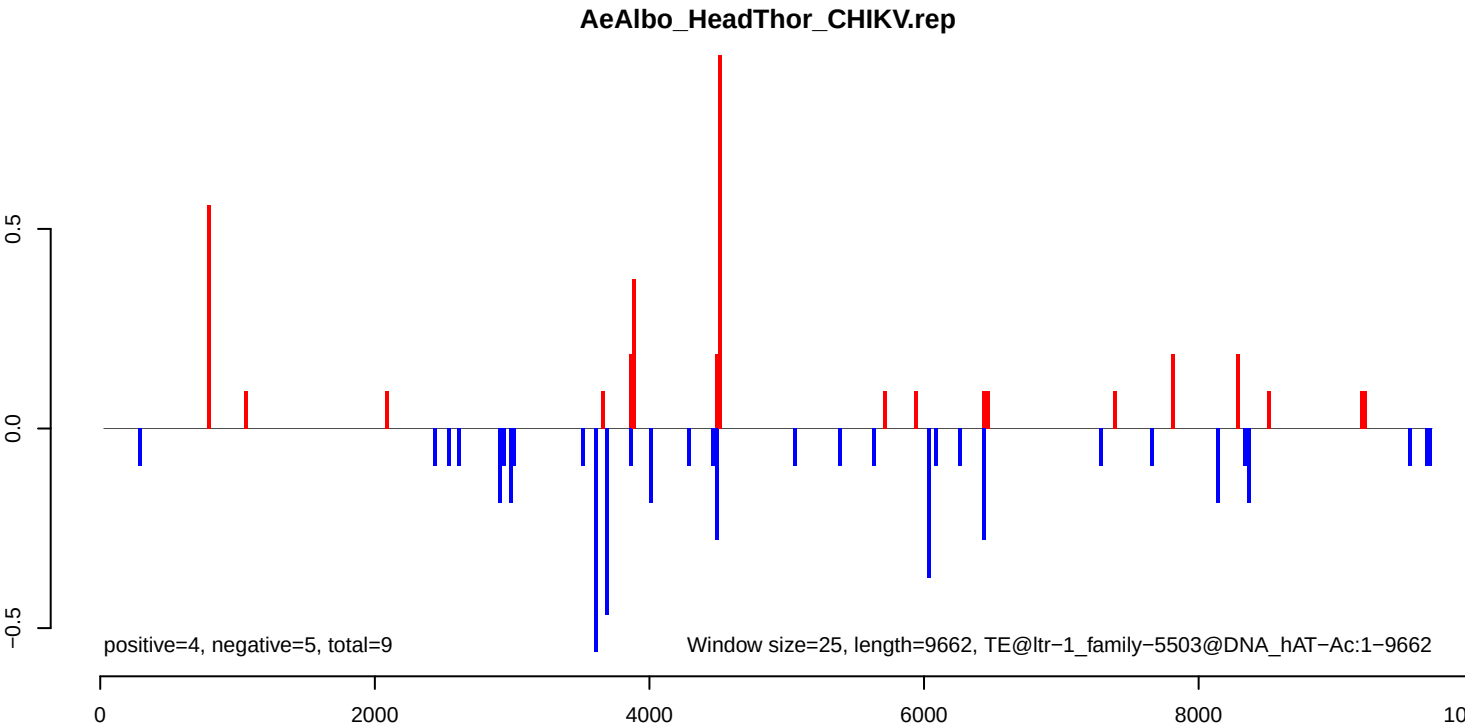

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0

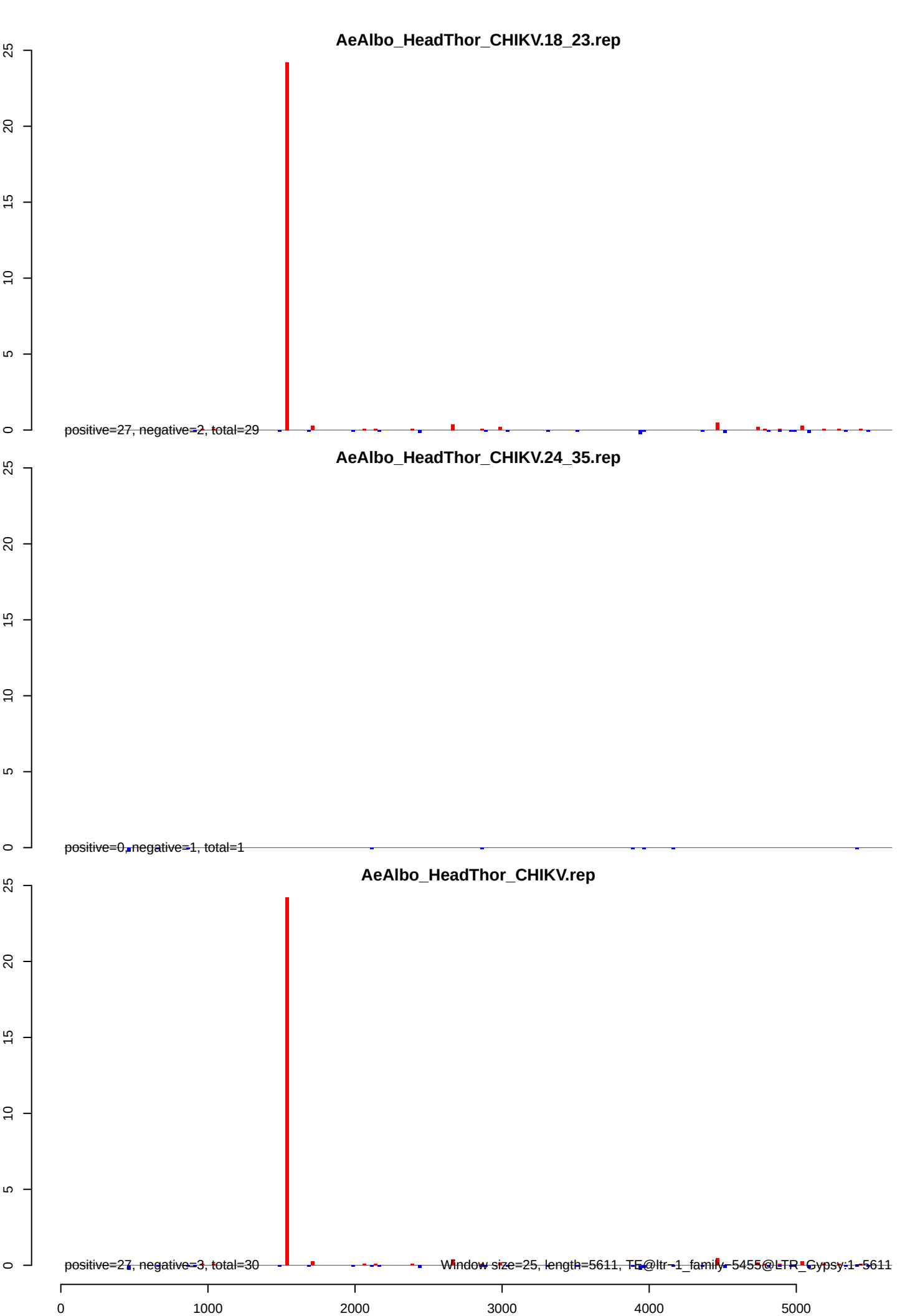

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=4, negative=6, total=10
Window size=25, length=8472, TE@ltr−1_family−6372@DNA_Kolobok−Hydra:1−8472
0
2000
4000
6000
8000

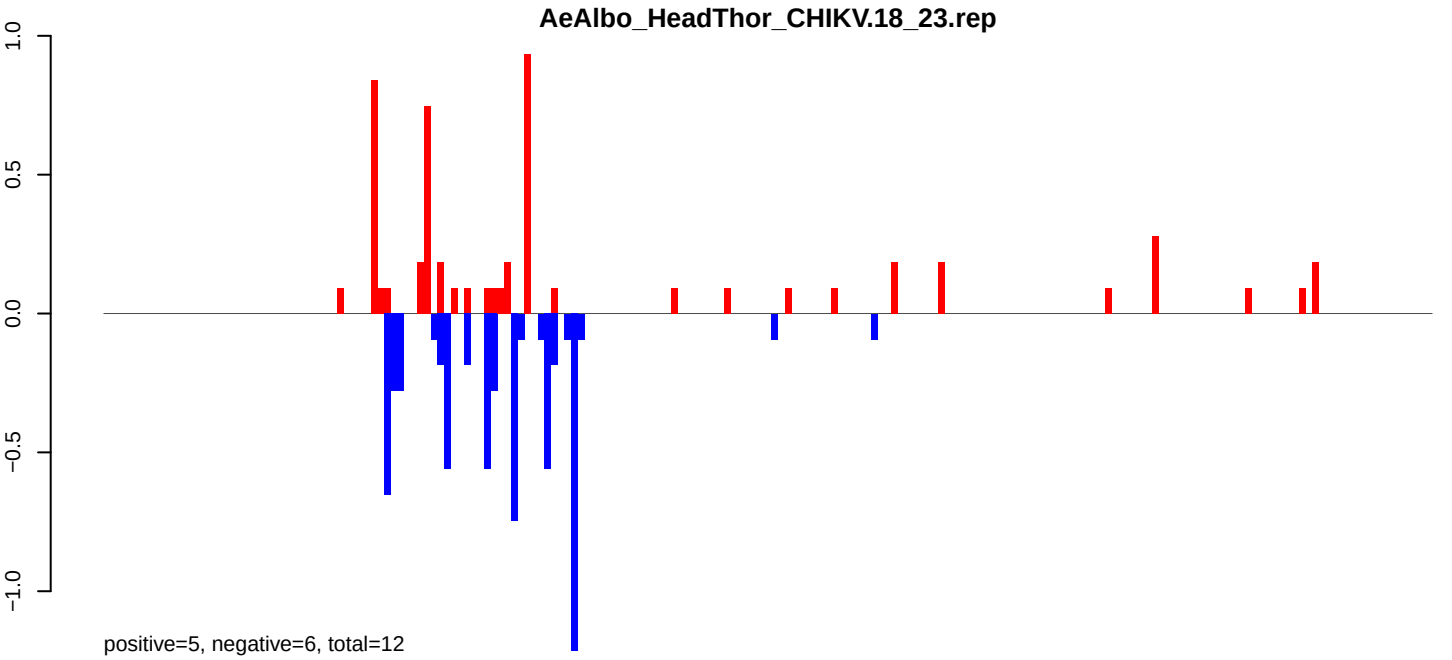

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=5, negative=3, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=6, negative=3, total=8
Window size=25, length=6802, TE@ltr−1_family−6108@LTR_Gypsy:1−6802
0
1000
2000
3000
4000
5000
6000
7000

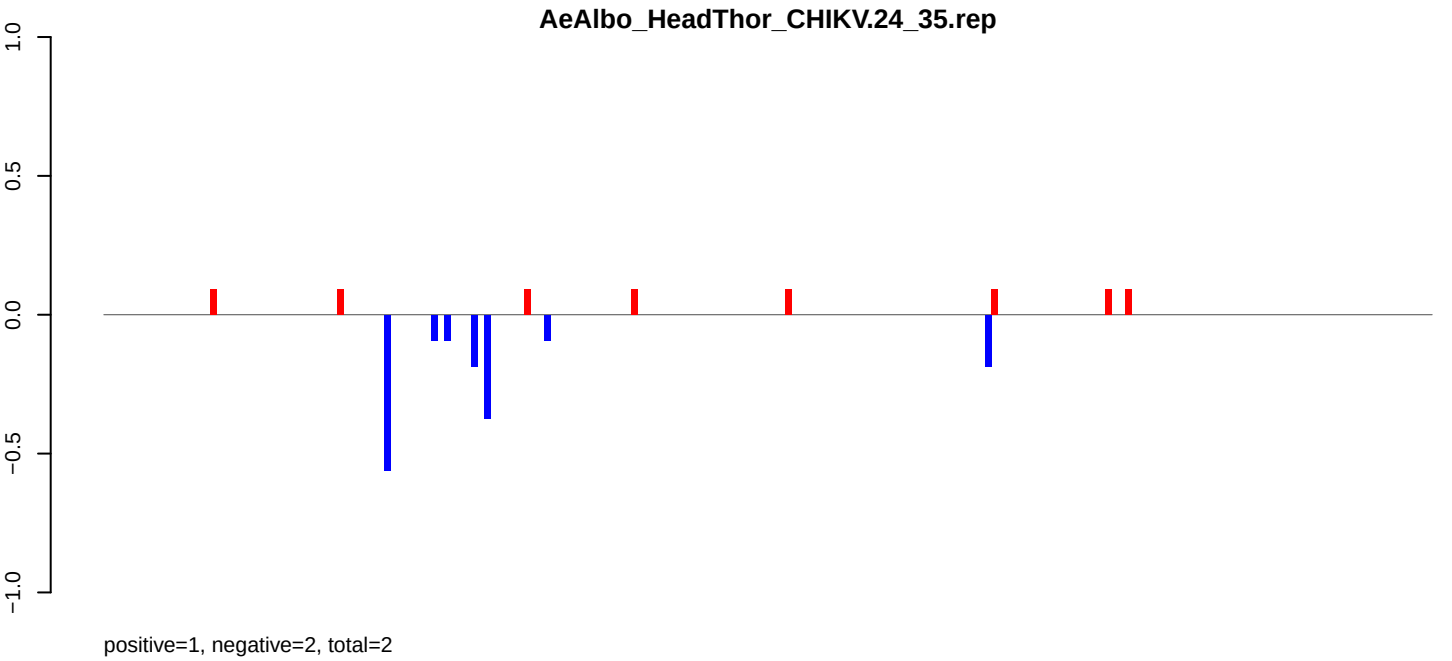

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=4, negative=5, total=8

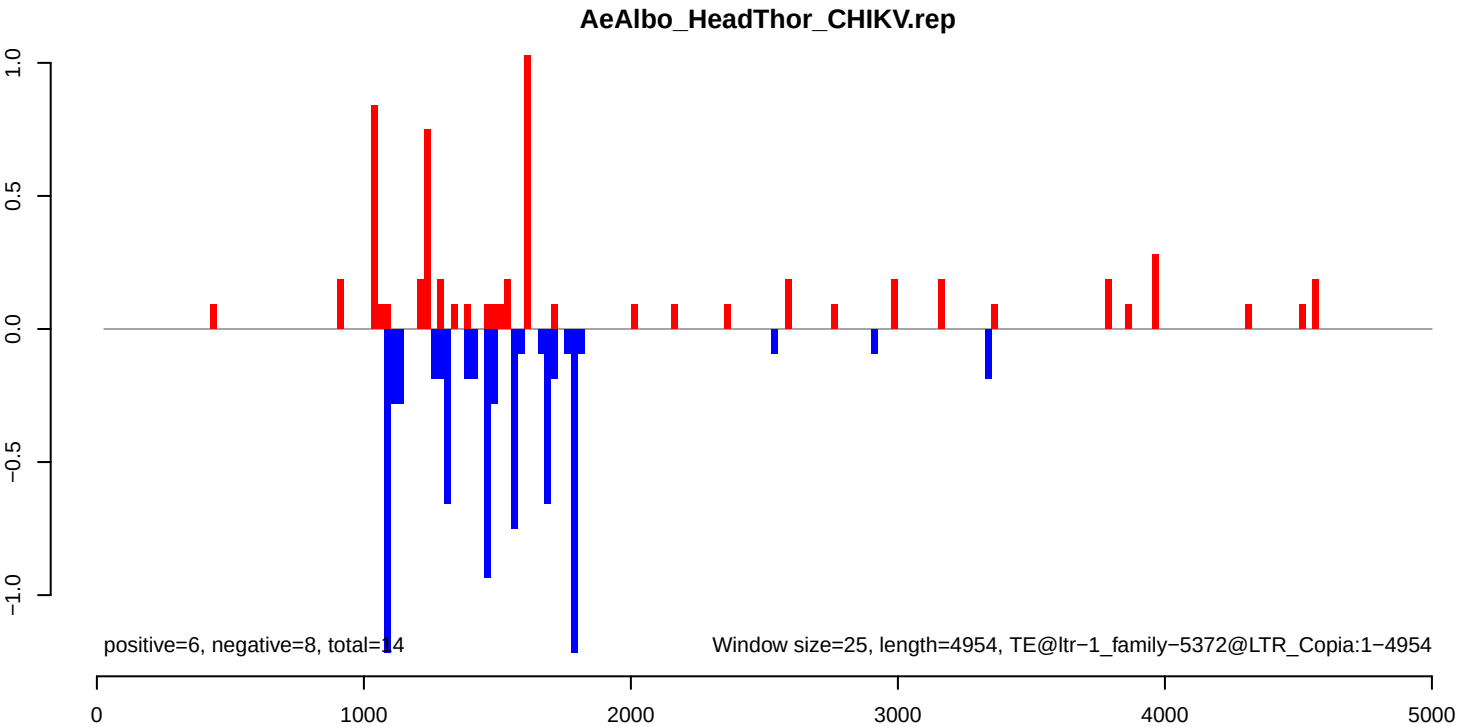

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=0

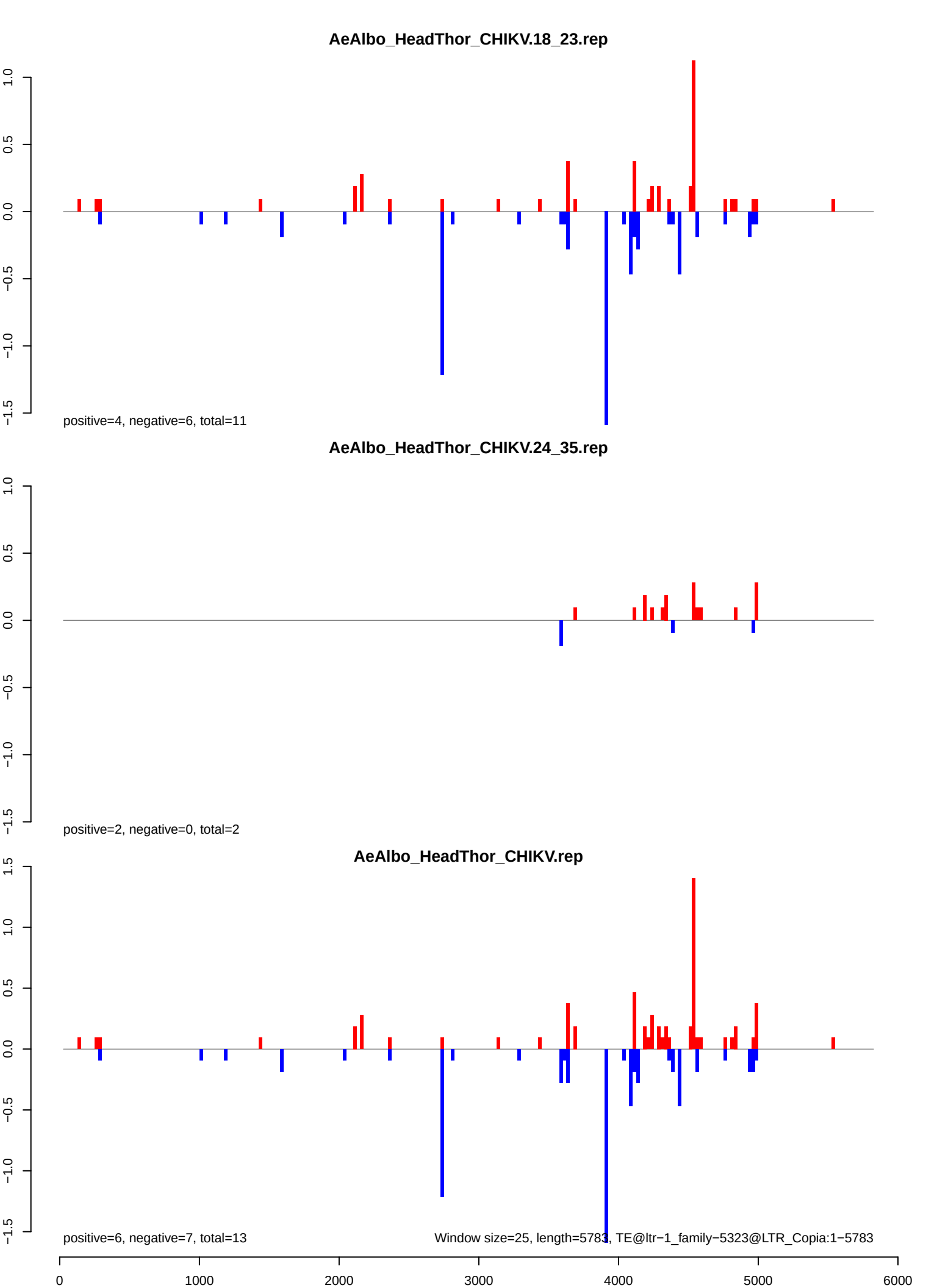

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=4, negative=5, total=9
Window size=25, length=9662, TE@ltr−1_family−5503@DNA_hAT−Ac:1−9662
0
2000
4000
6000
8000
10000

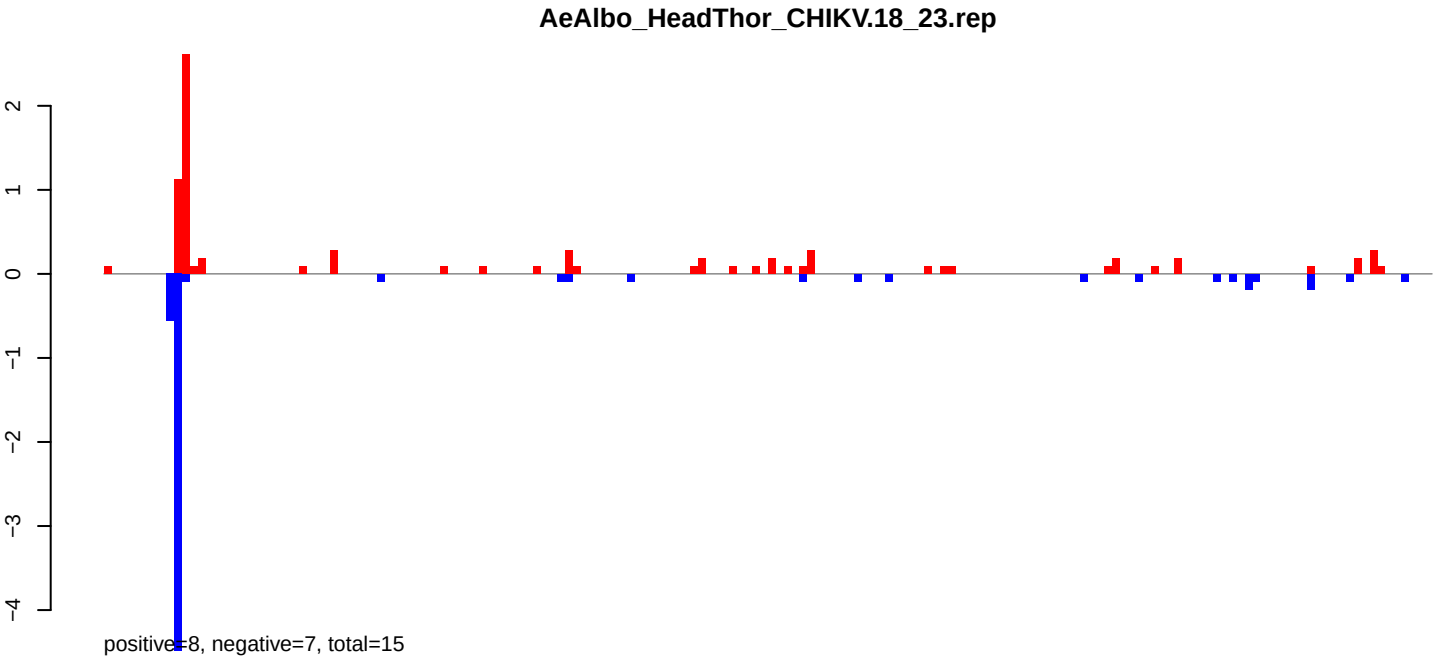

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=27, negative=2, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=27, negative=3, total=30
Window size=25, length=5611, TE@ltr-1_family-5455@LTR_Gypsy:1-5611
0
5
10
15
20
25
0
1000
2000
3000
4000
5000

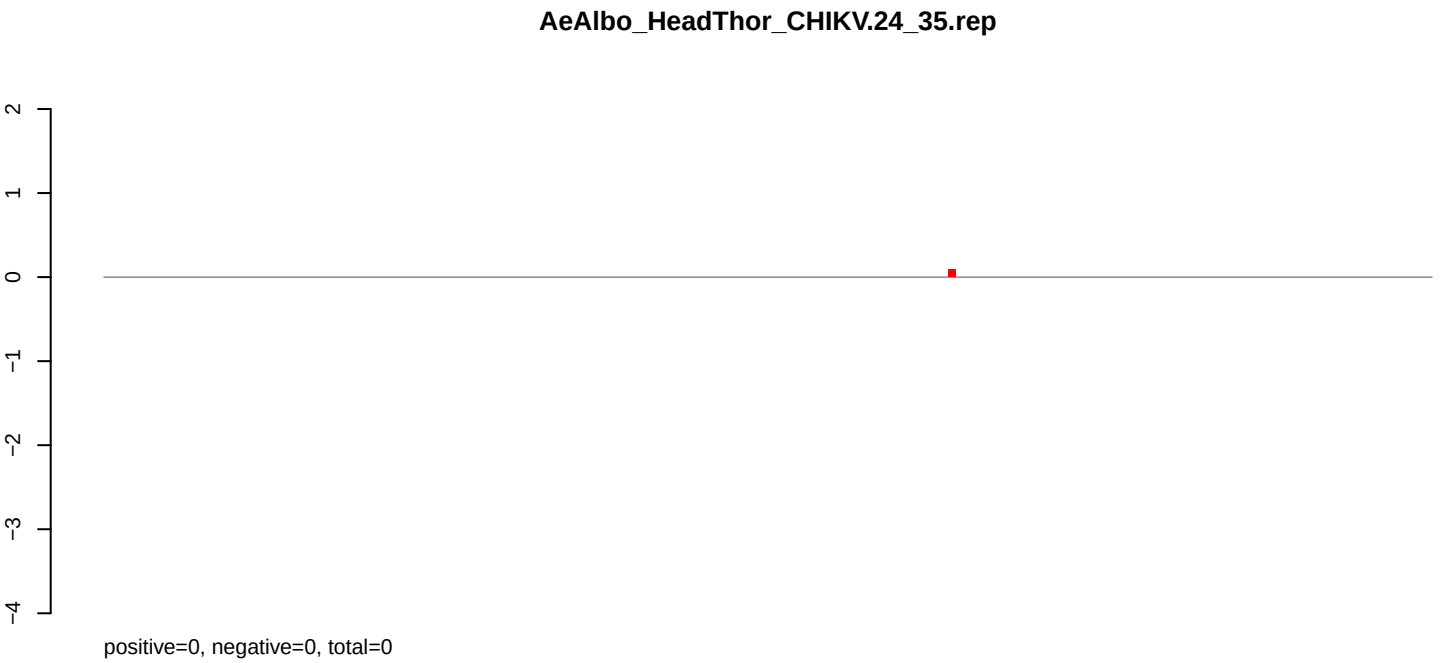

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=5, negative=6, total=12

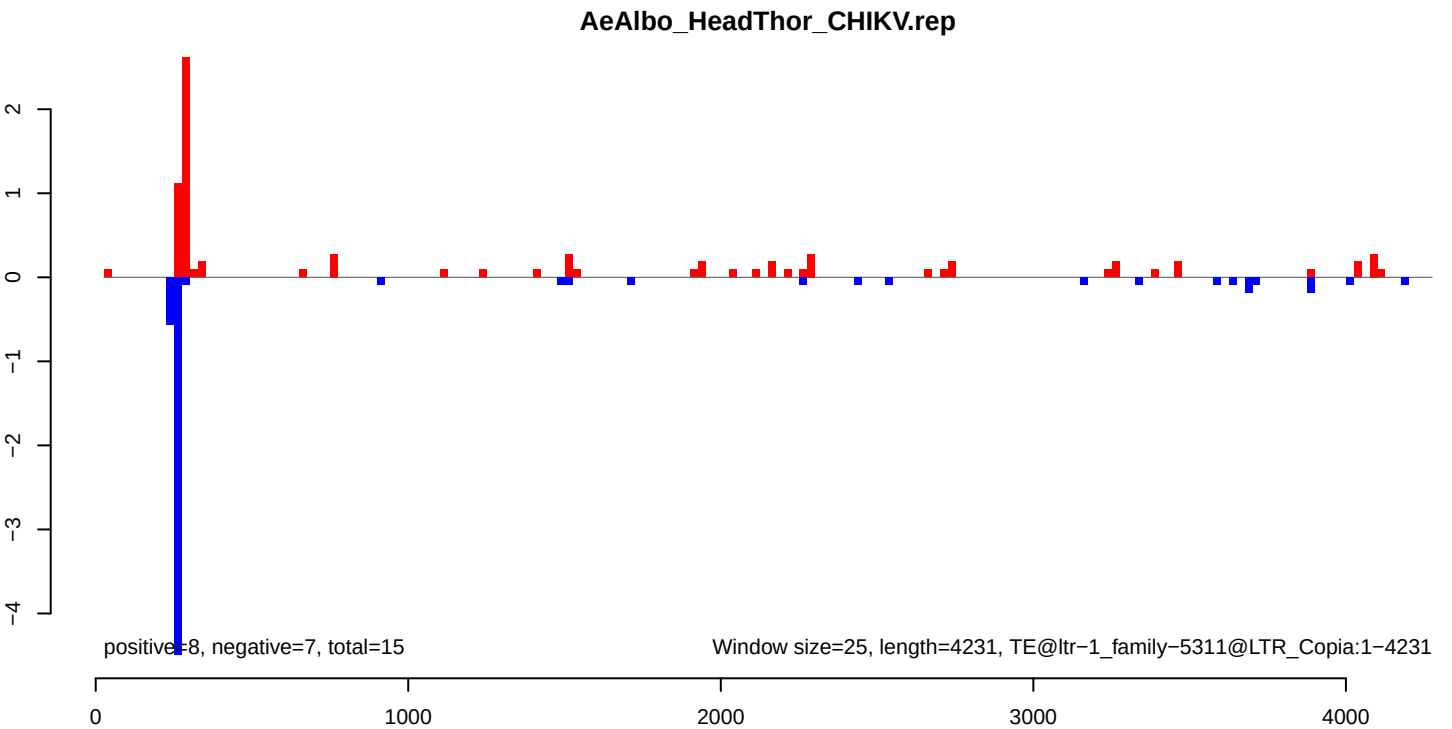

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=1, negative=2, total=2

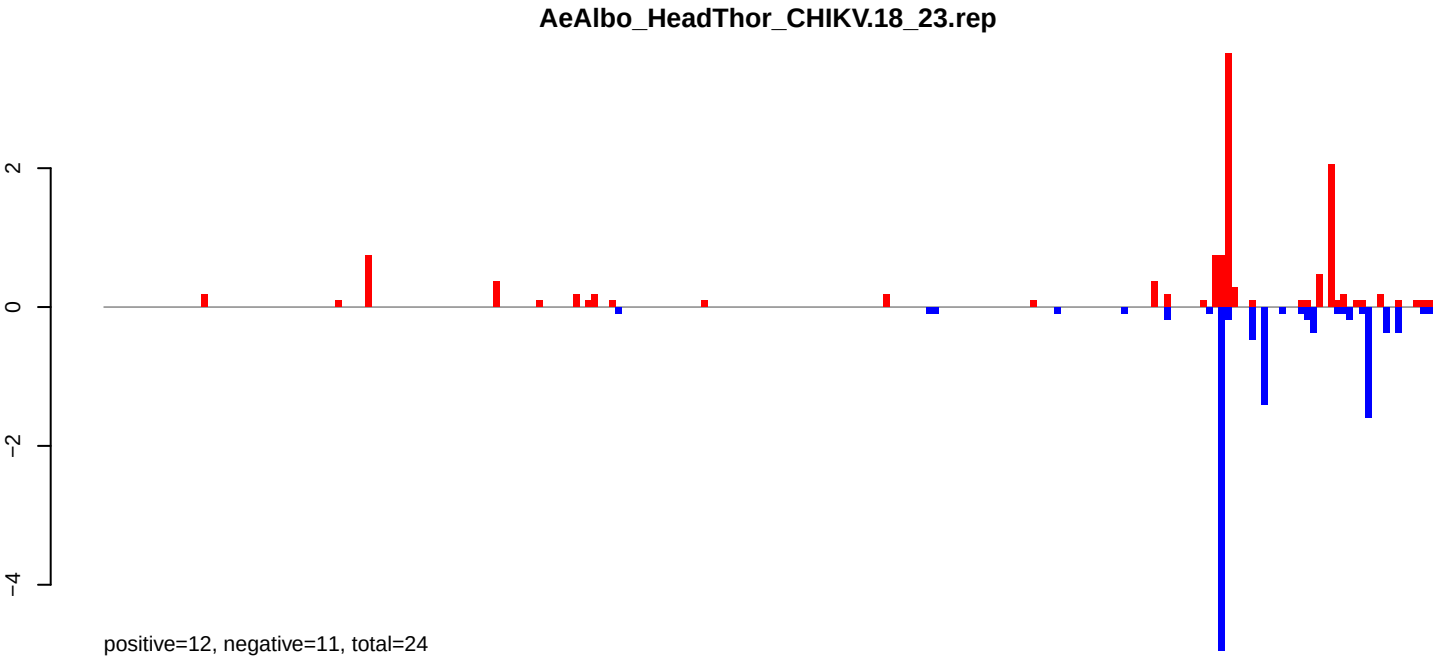

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=6, negative=8, total=14
Window size=25, length=4954, TE@ltr−1_family−5372@LTR_Copia:1−4954
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=6, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=7, total=13
Window size=25, length=5783, TE@ltr−1_family−5323@LTR_Copia:1−5783
1.0
0.5
0.0
−0.5
−1.0
−1.5
1.5
0
1000
2000
3000
4000
5000
6000

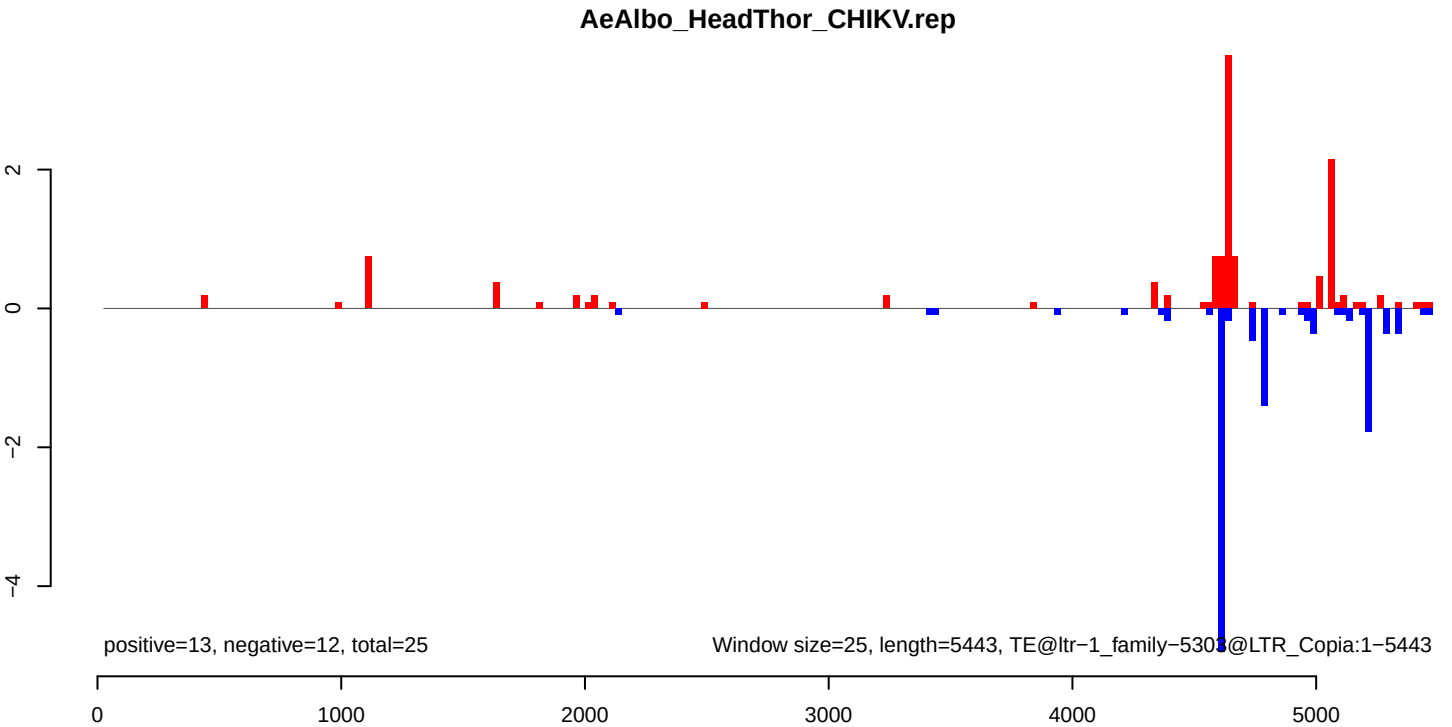

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
−3
−4
positive=8, negative=7, total=15

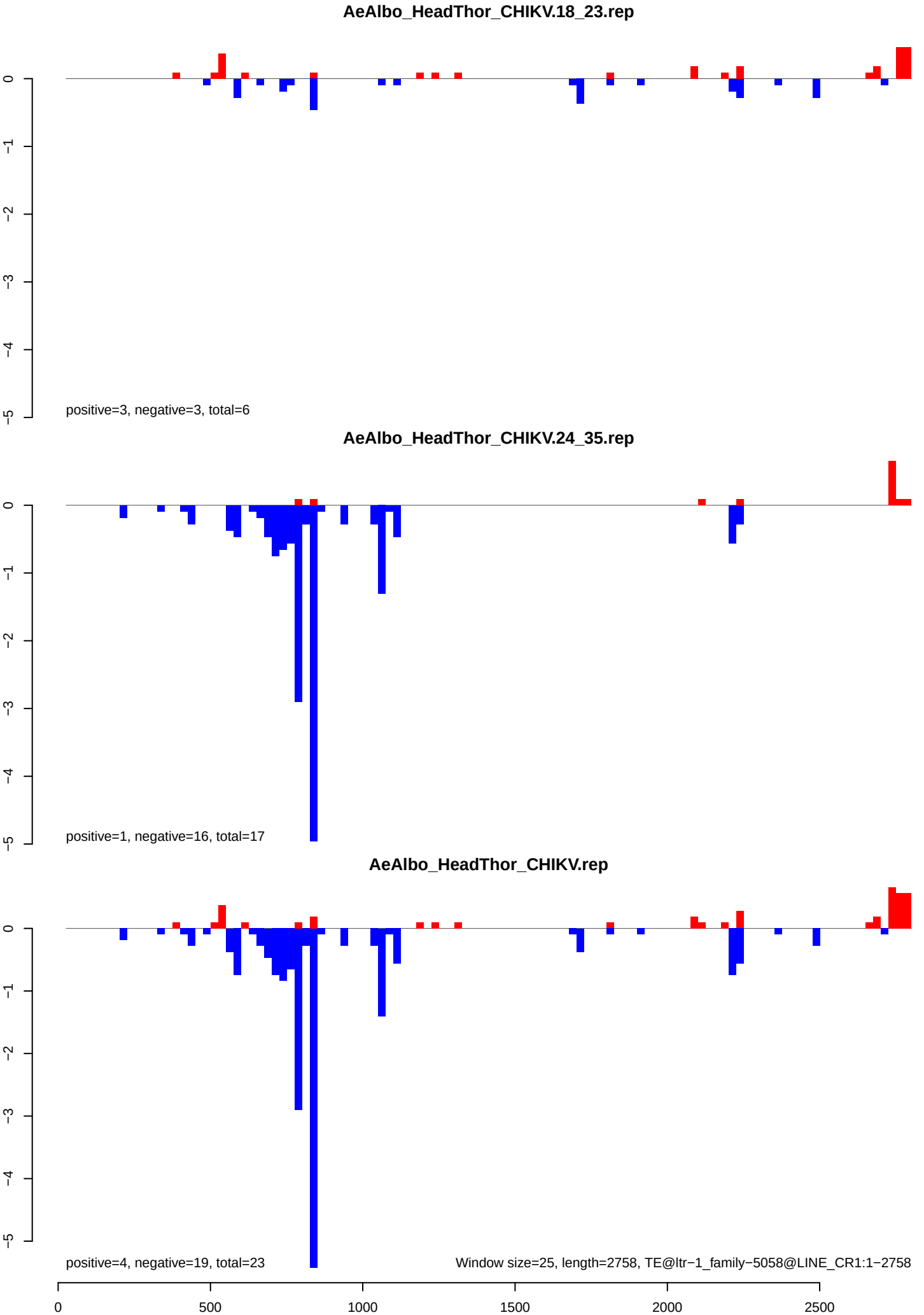

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
−3
−4
positive=0, negative=0, total=0

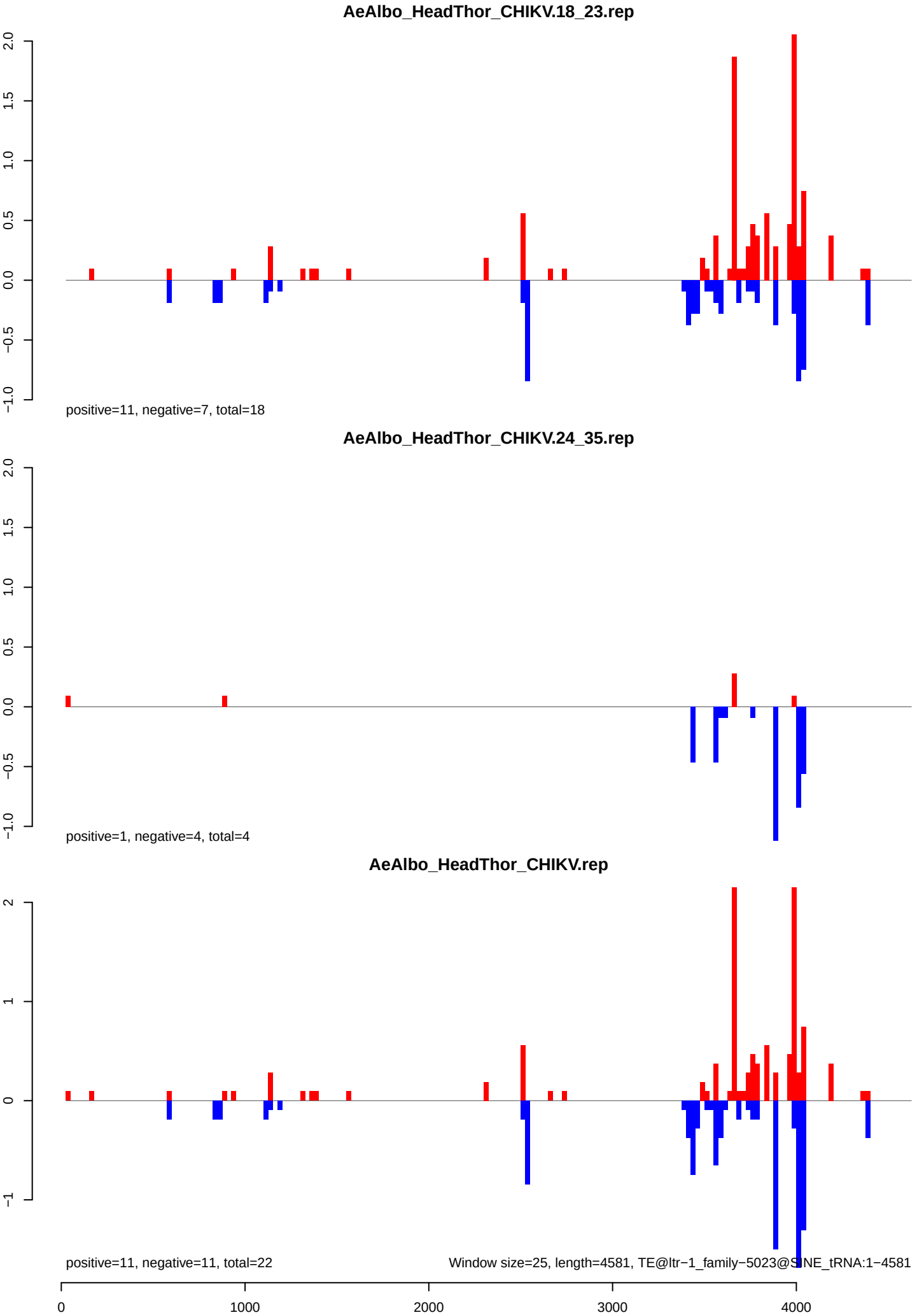

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
−3
−4
positive=8, negative=7, total=15
Window size=25, length=4231, TE@ltr−1_family−5311@LTR_Copia:1−4231
0
1000
2000
3000
4000

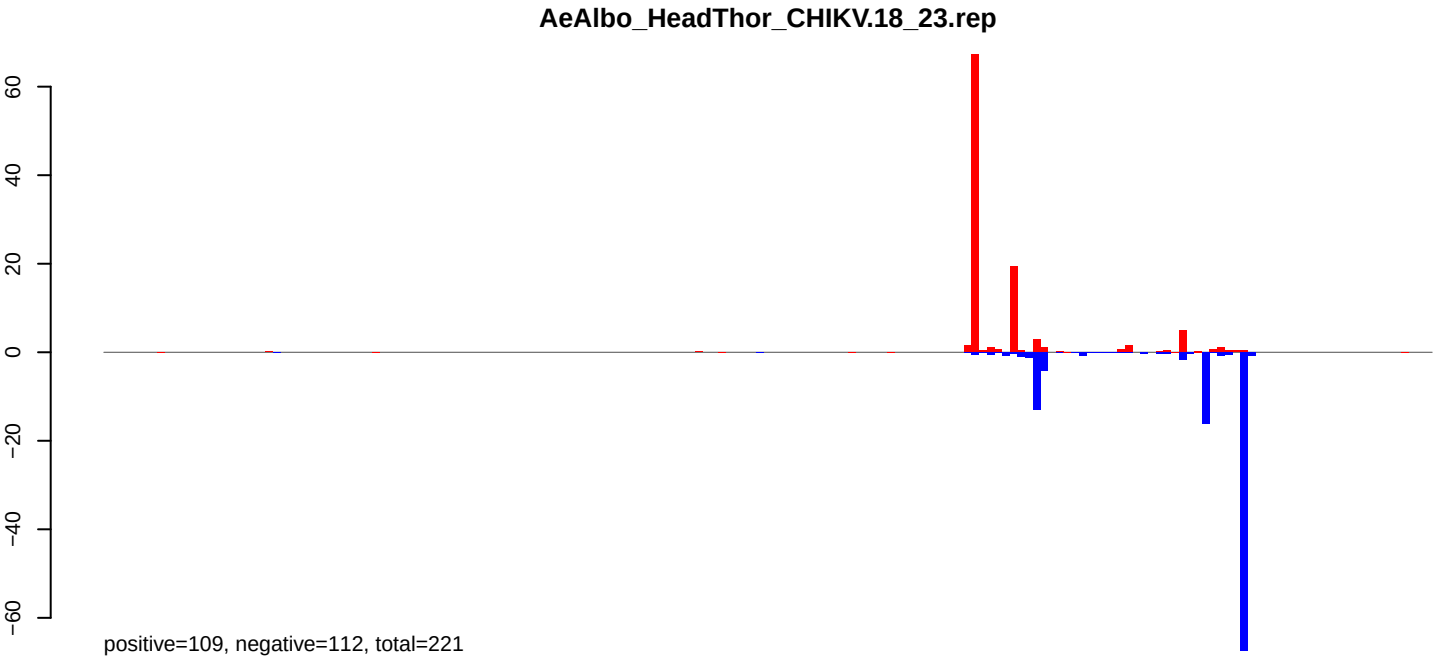

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
positive=12, negative=11, total=24

AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
positive=1, negative=0, total=1

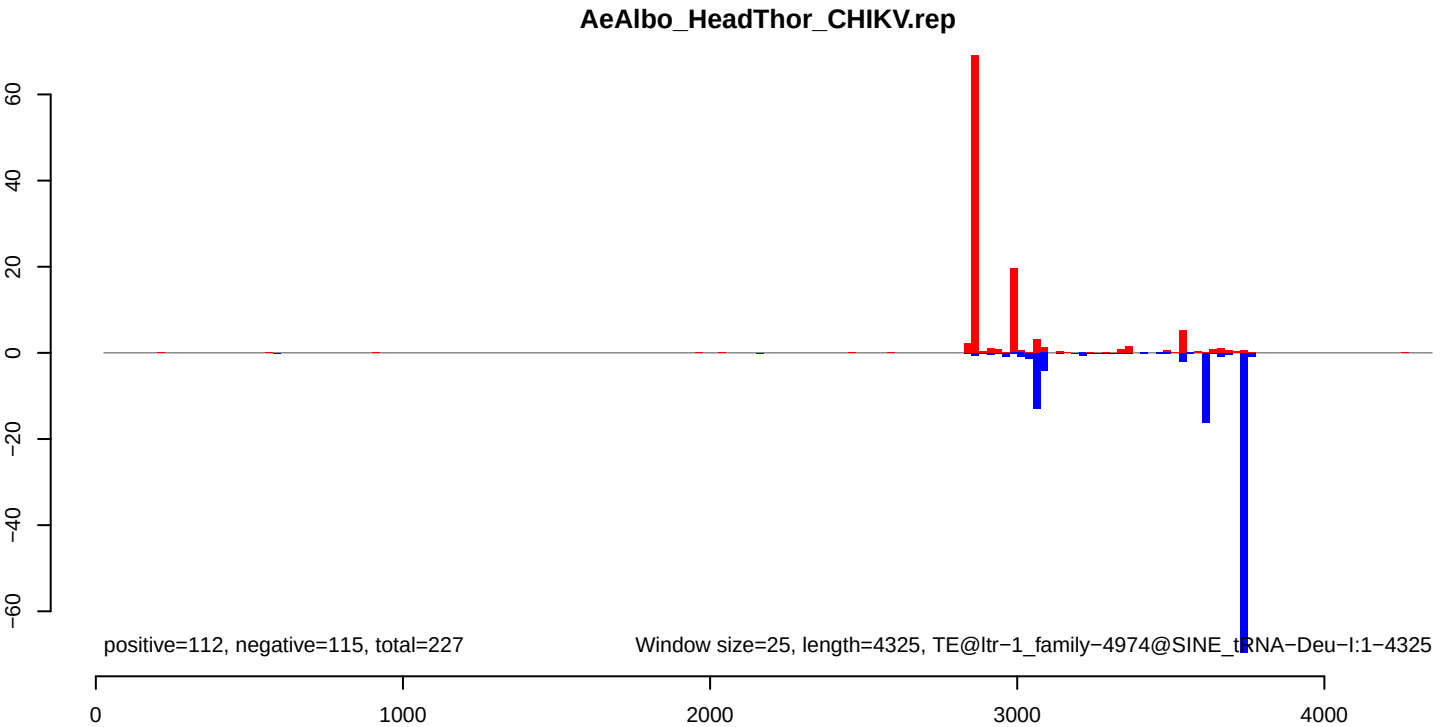

AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
positive=13, negative=12, total=25
Window size=25, length=5443, TE@ltr−1_family−5303@LTR_Copia:1−5443
0
1000
2000
3000
4000
5000

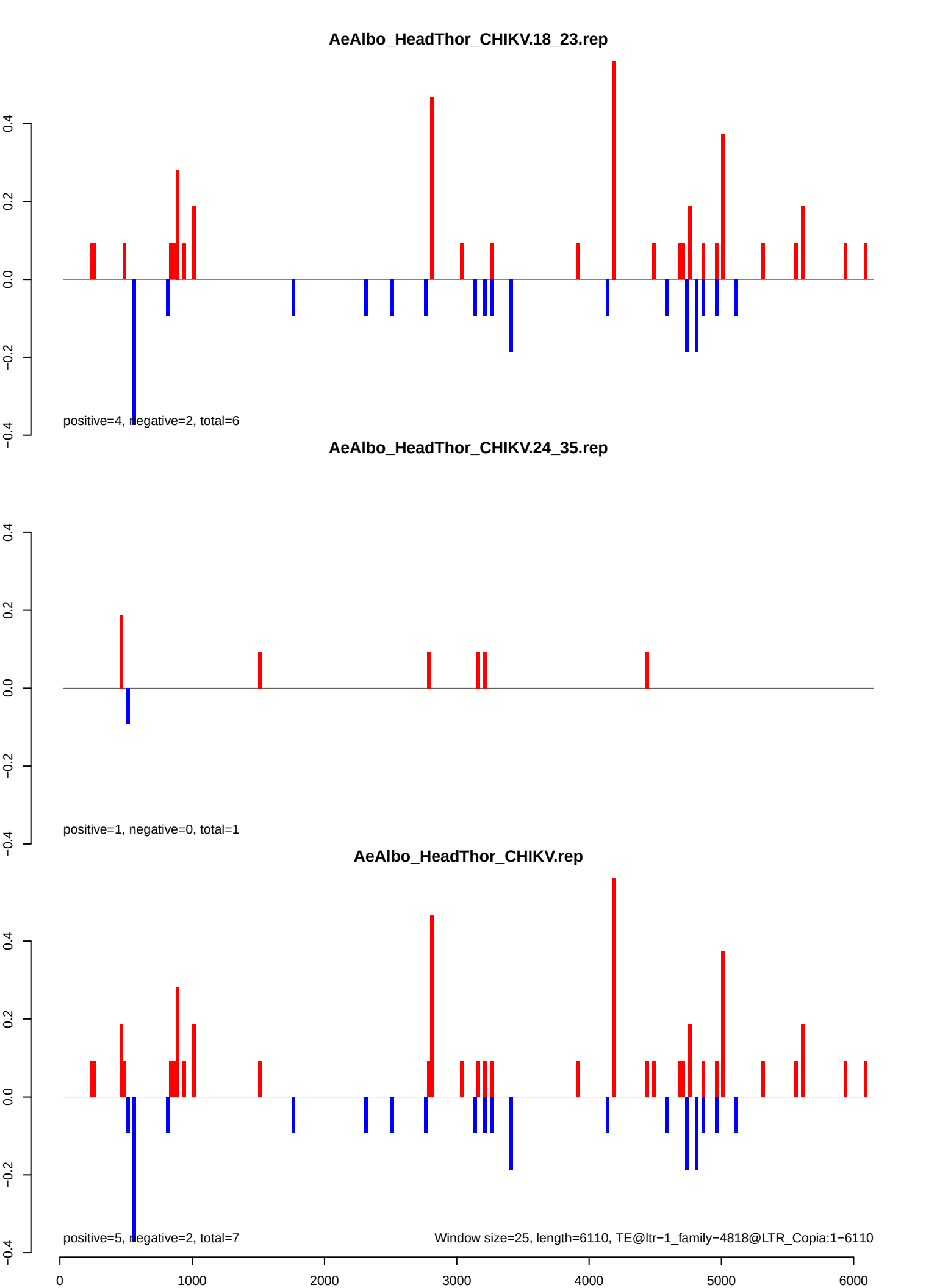

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=16, total=17
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=19, total=23
Window size=25, length=2758, TE@ltr−1_family−5058@LINE_CR1:1−2758
0
500
1000
1500
2000
2500

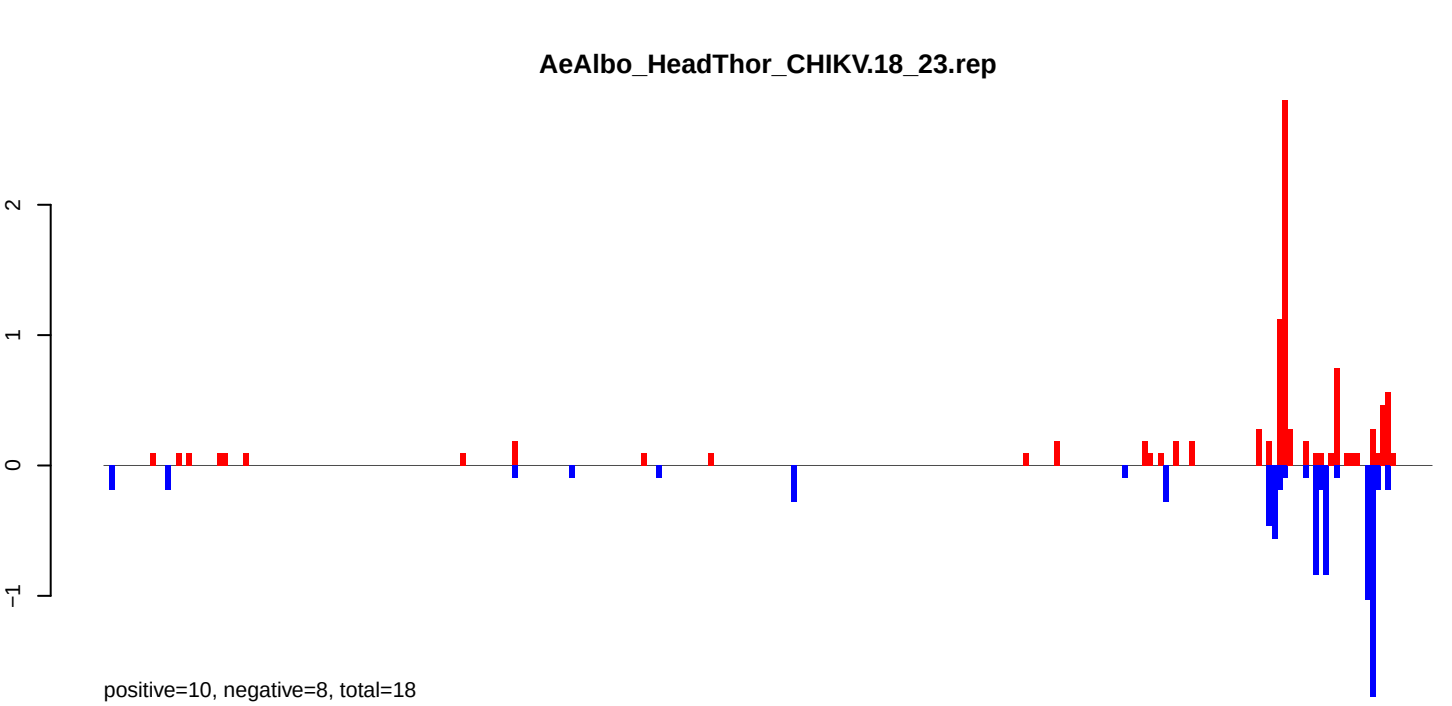

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=7, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=4, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=11, total=22
Window size=25, length=4581, TE@ltr−1_family−5023@SINE_tRNA:1−4581
0
1000
2000
3000
4000

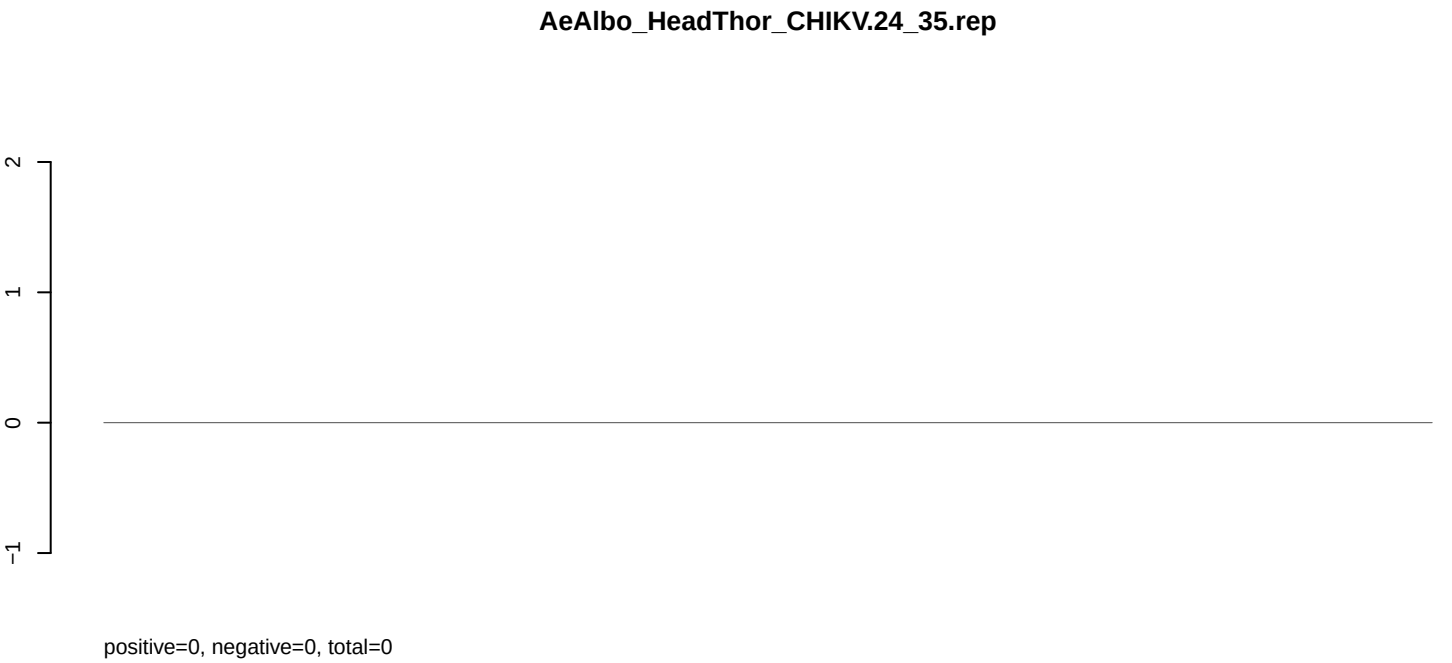

AeAlbo_HeadThor_CHIKV.18_23.rep
60
40
20
0
−20
−40
−60
positive=109, negative=112, total=221

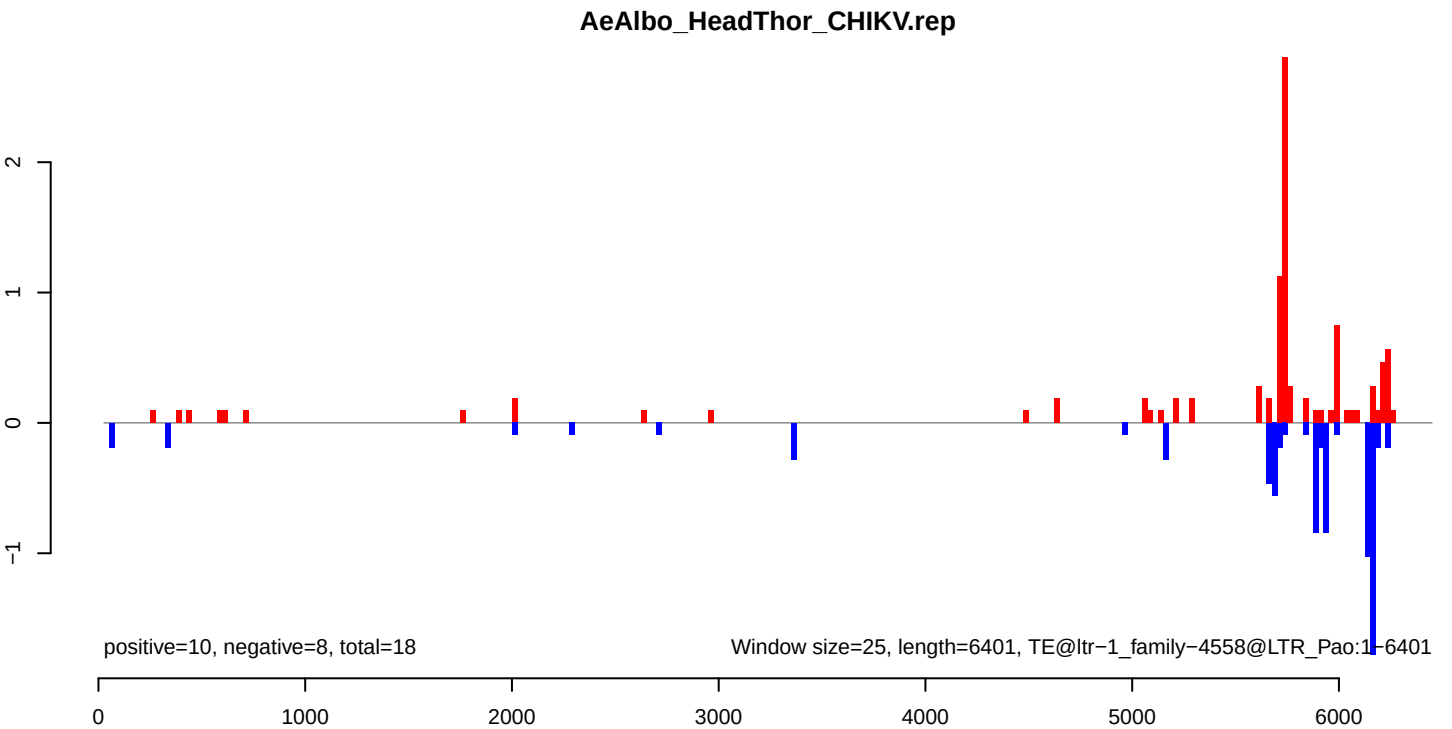
AeAlbo_HeadThor_CHIKV.24_35.rep
60
40
20
0
−20
−40
−60
positive=3, negative=3, total=6

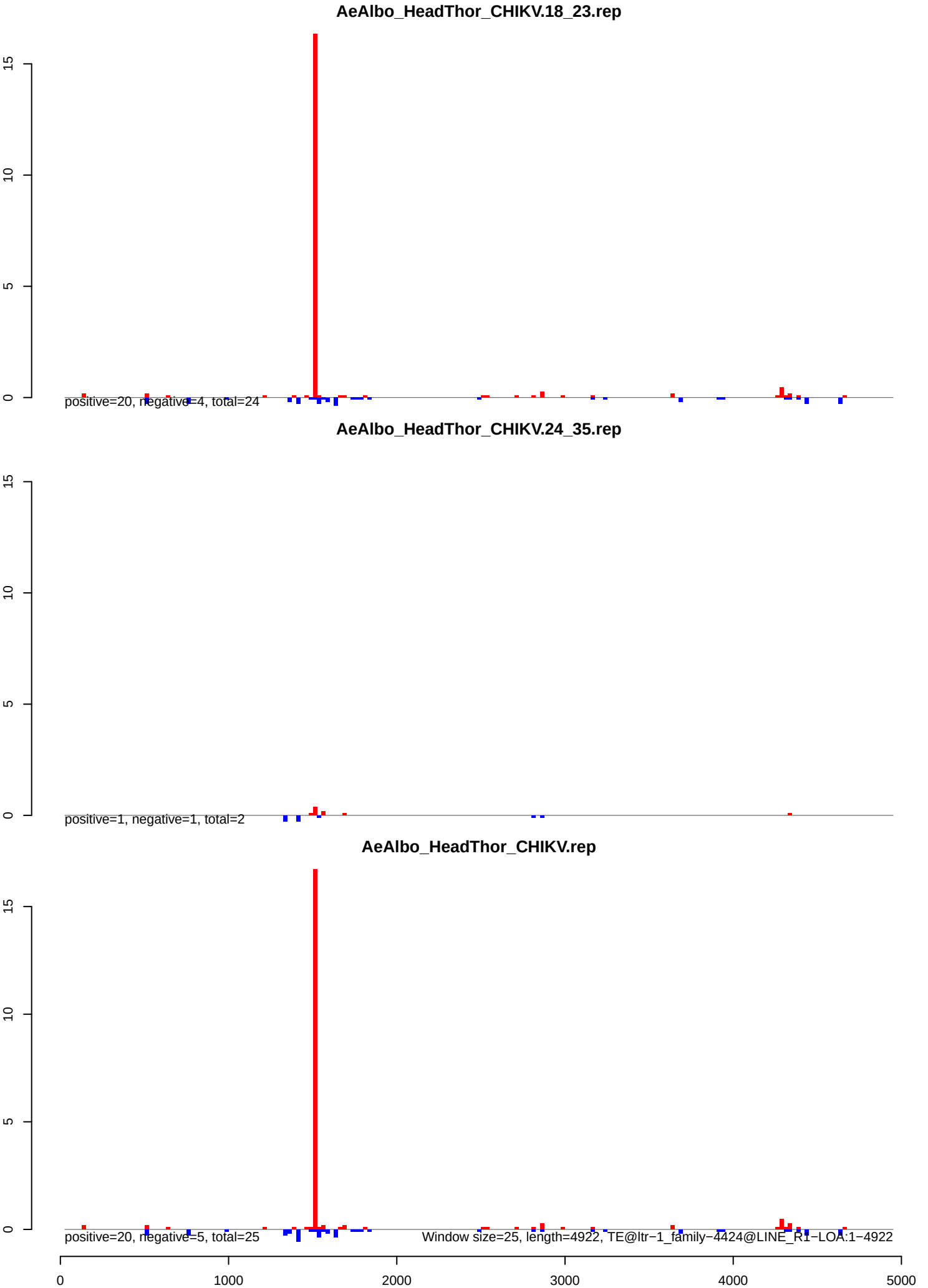

AeAlbo_HeadThor_CHIKV.rep
60
40
20
0
−20
−40
−60
positive=112, negative=115, total=227
Window size=25, length=4325, TE@ltr−1_family−4974@SINE_tRNA−Deu−I:1−4325
0
1000
2000
3000
4000

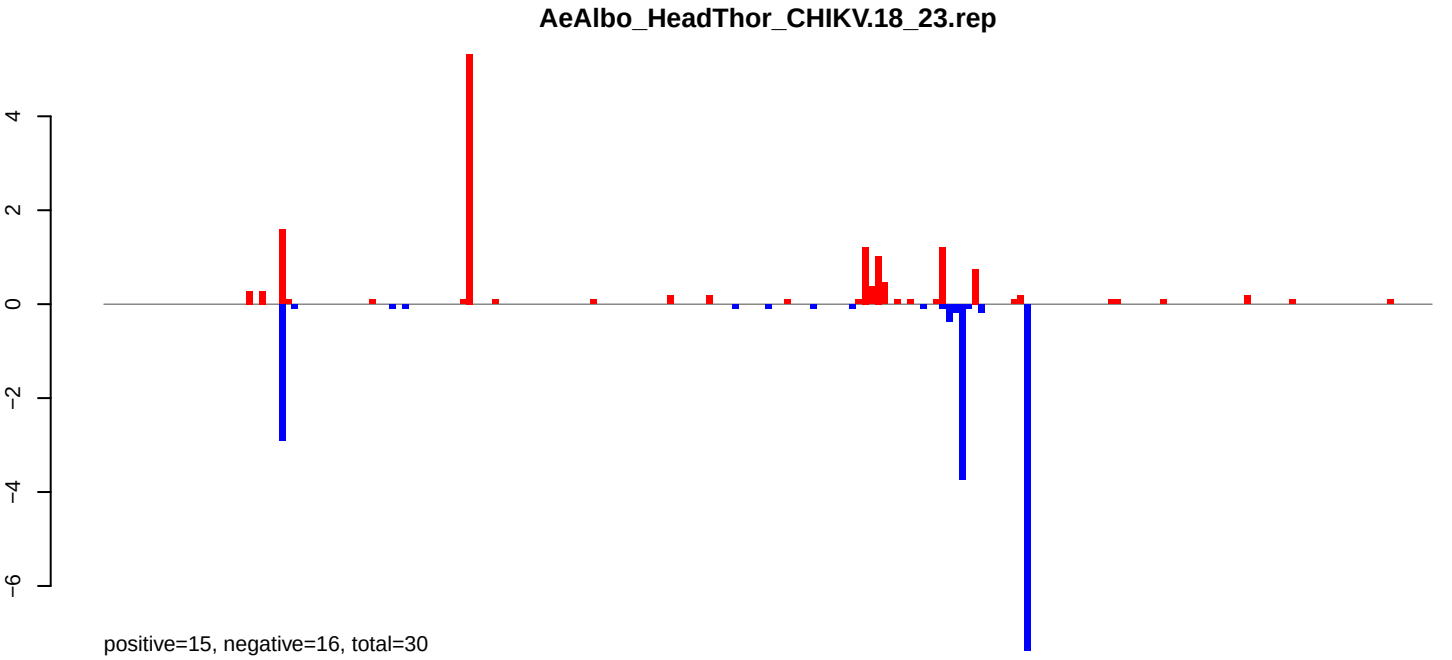

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=5, negative=2, total=7
Window size=25, length=6110, TE@ltr−1_family−4818@LTR_Copia:1−6110
0
1000
2000
3000
4000
5000
6000

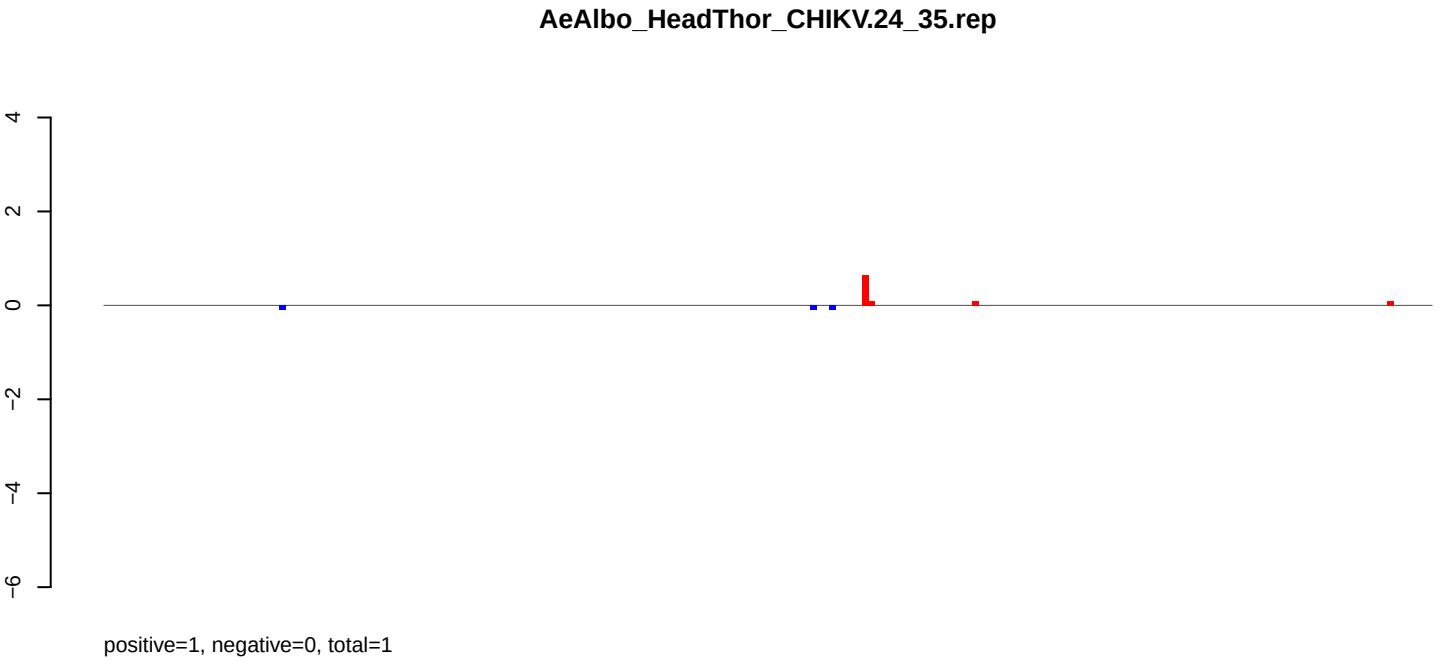

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=10, negative=8, total=18

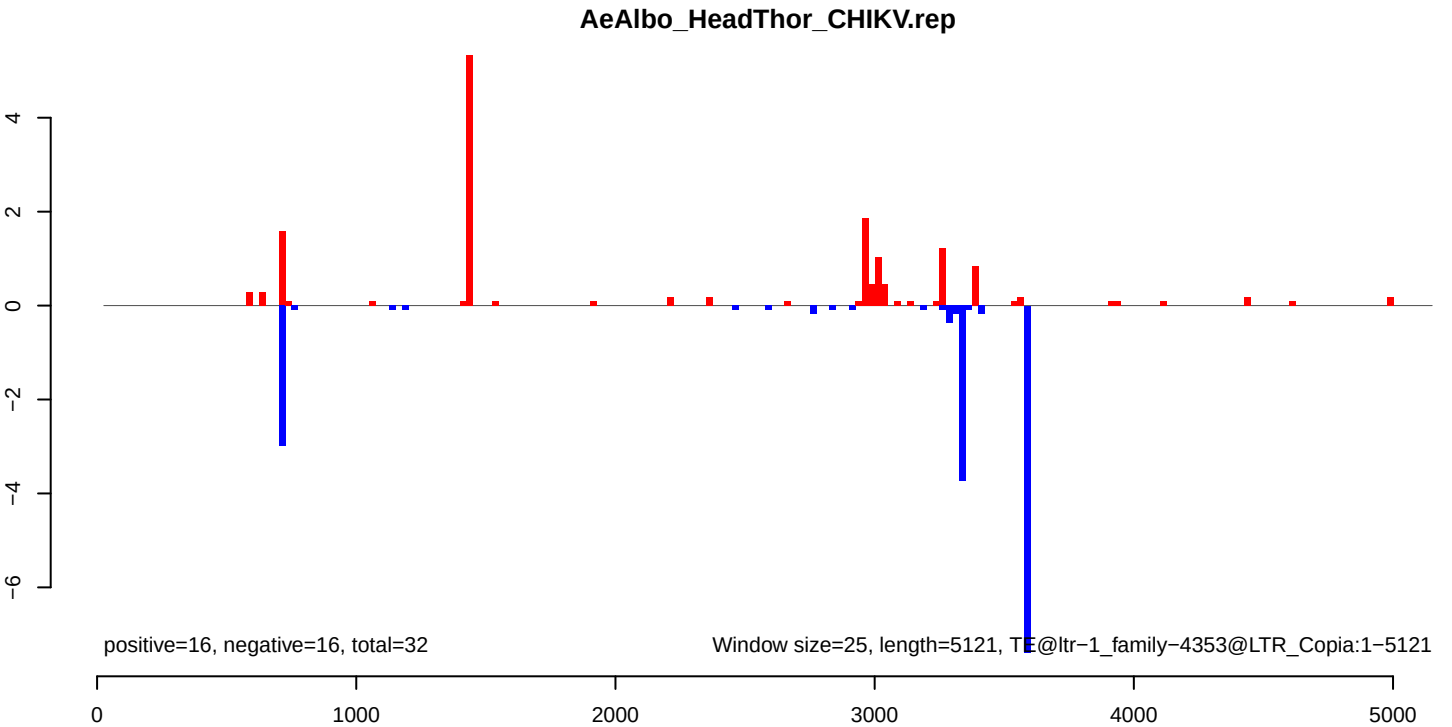

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=0, negative=0, total=0

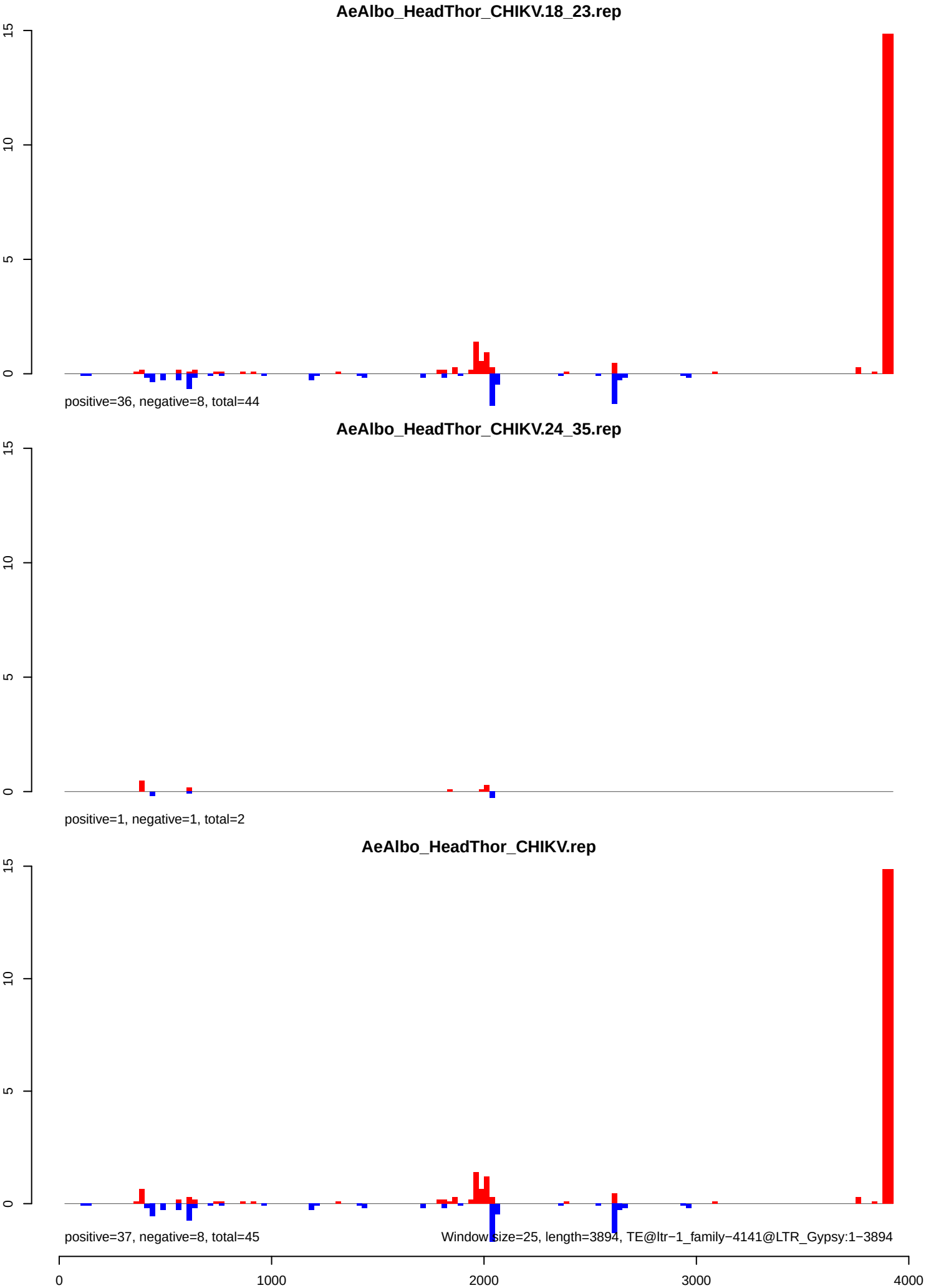

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=10, negative=8, total=18
Window size=25, length=6401, TE@ltr−1_family−4558@LTR_Pao:1−6401
0
1000
2000
3000
4000
5000
6000

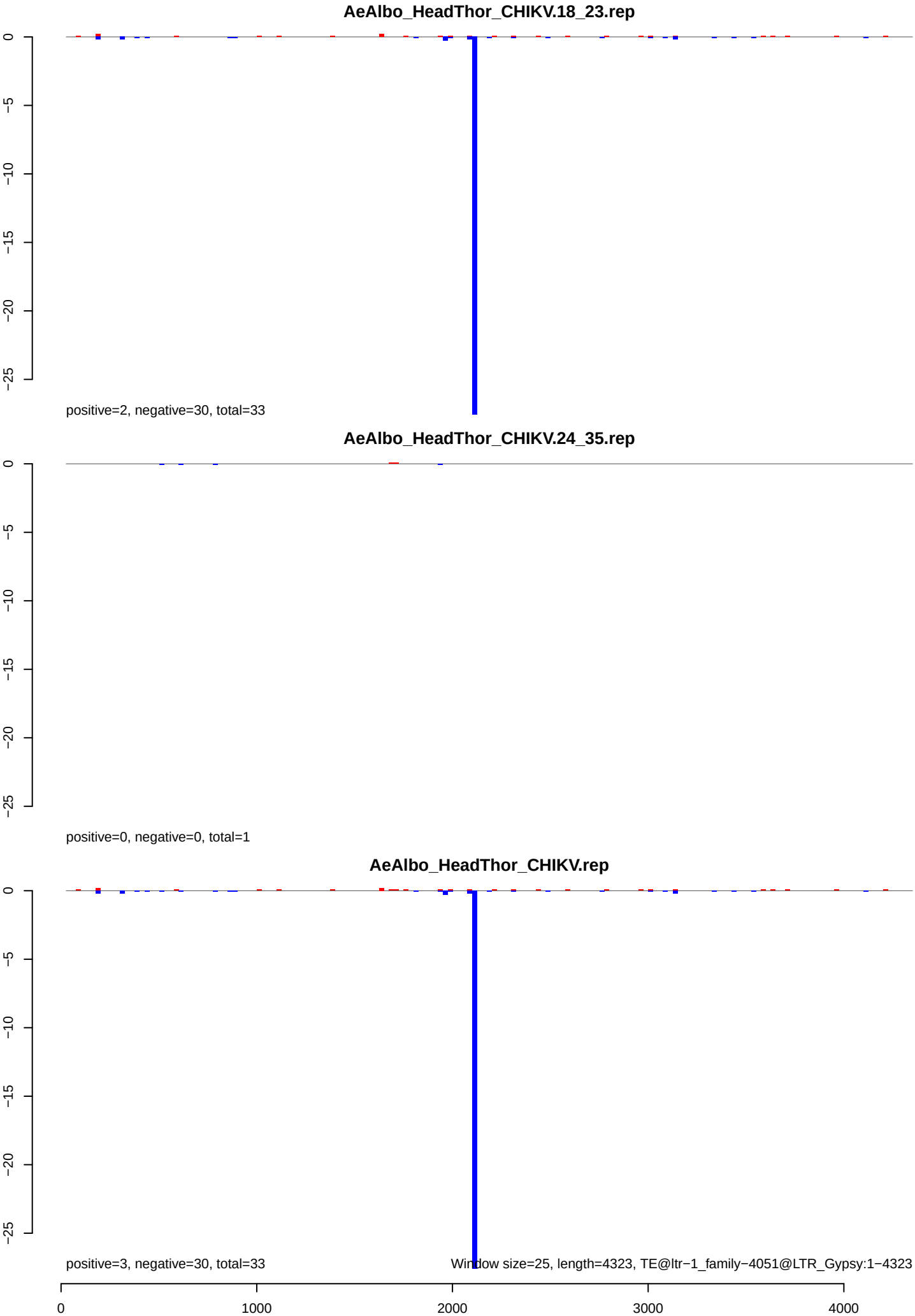

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
positive=20, negative=4, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
positive=20, negative=5, total=25
Window size=25, length=4922, TE@ltr−1_family−4424@LINE_R1−LOA:1−4922
0
1000
2000
3000
4000
5000

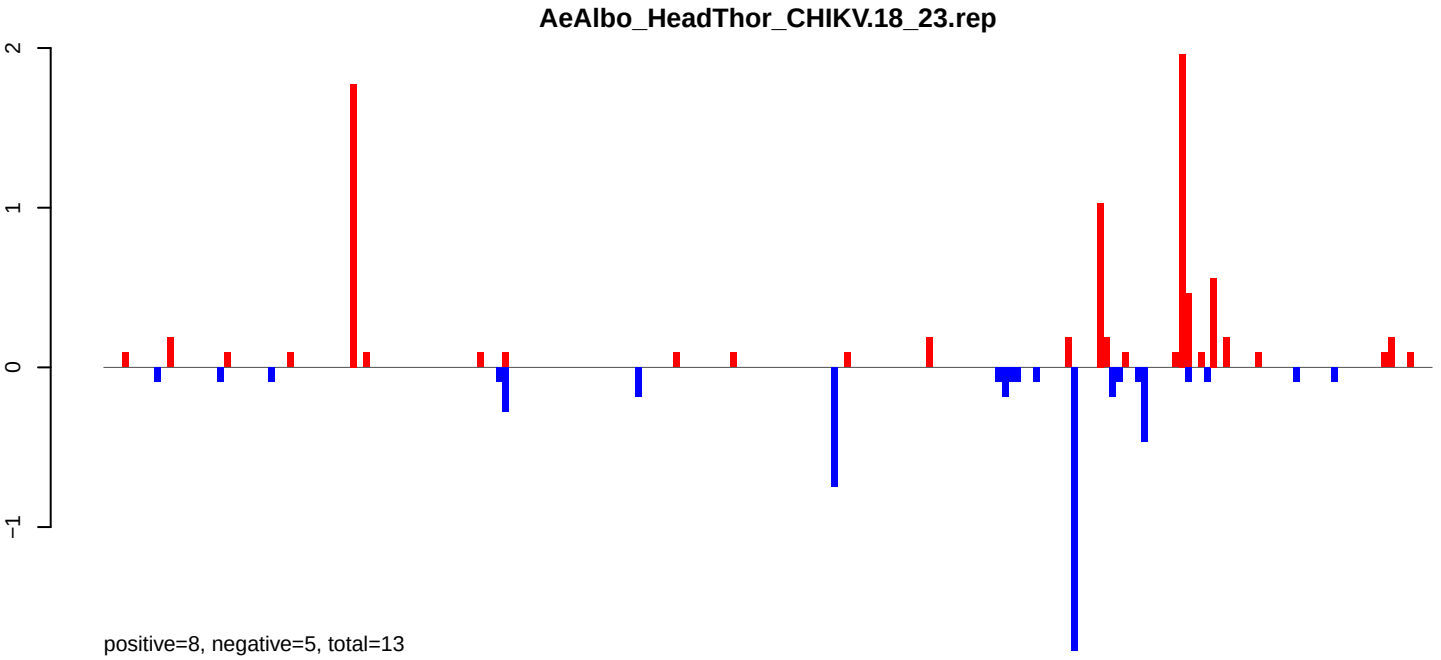

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
−4
−6
positive=15, negative=16, total=30


AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
−4
−6
positive=1, negative=0, total=1

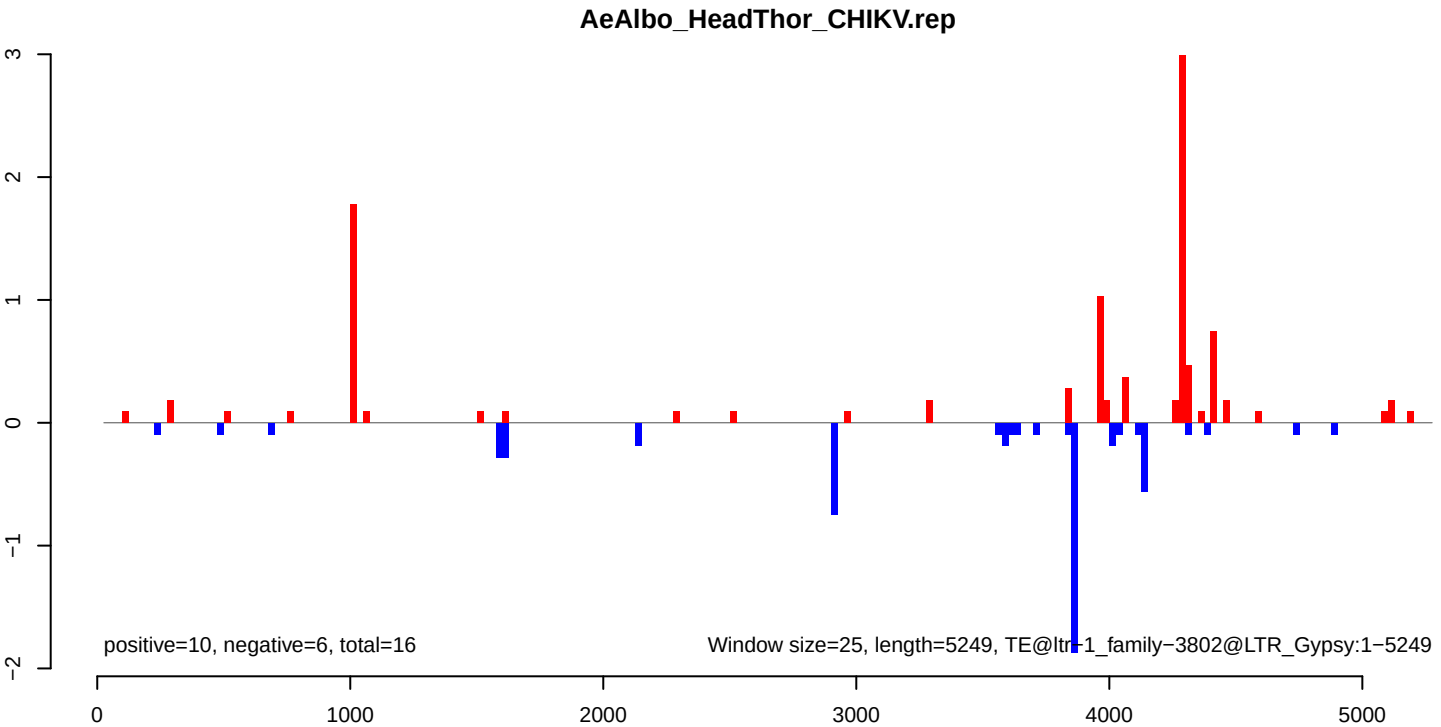

AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
−4
−6
positive=16, negative=16, total=32
Window size=25, length=5121, TE@ltr−1_family−4353@LTR_Copia:1−5121
0
1000
2000
3000
4000
5000

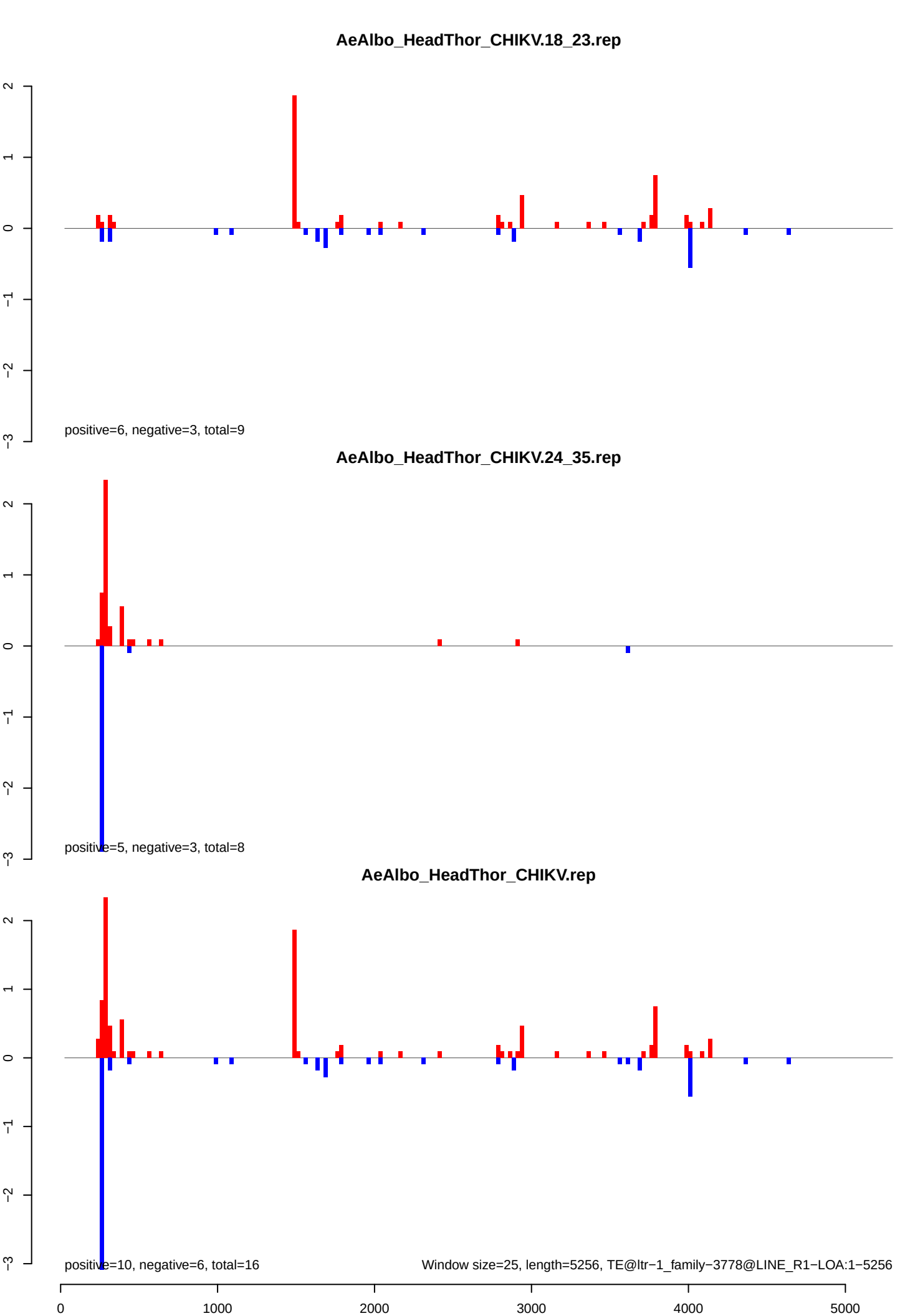

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=36, negative=8, total=44
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
positive=37, negative=8, total=45
Window size=25, length=3894, TE@ltr−1_family−4141@LTR_Gypsy:1−3894
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=2, negative=30, total=33
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=3, negative=30, total=33
Window size=25, length=4323, TE@ltr−1_family−4051@LTR_Gypsy:1−4323
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=8, negative=5, total=13

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=2, negative=0, total=2


AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
−2
positive=10, negative=6, total=16
Window size=25, length=5249, TE@ltr−1_family−3802@LTR_Gypsy:1−5249
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=3, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=5, negative=3, total=8
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=6, total=16
Window size=25, length=5256, TE@ltr−1_family−3778@LINE_R1−LOA:1−5256
2
1
0
−1
−2
−3
0
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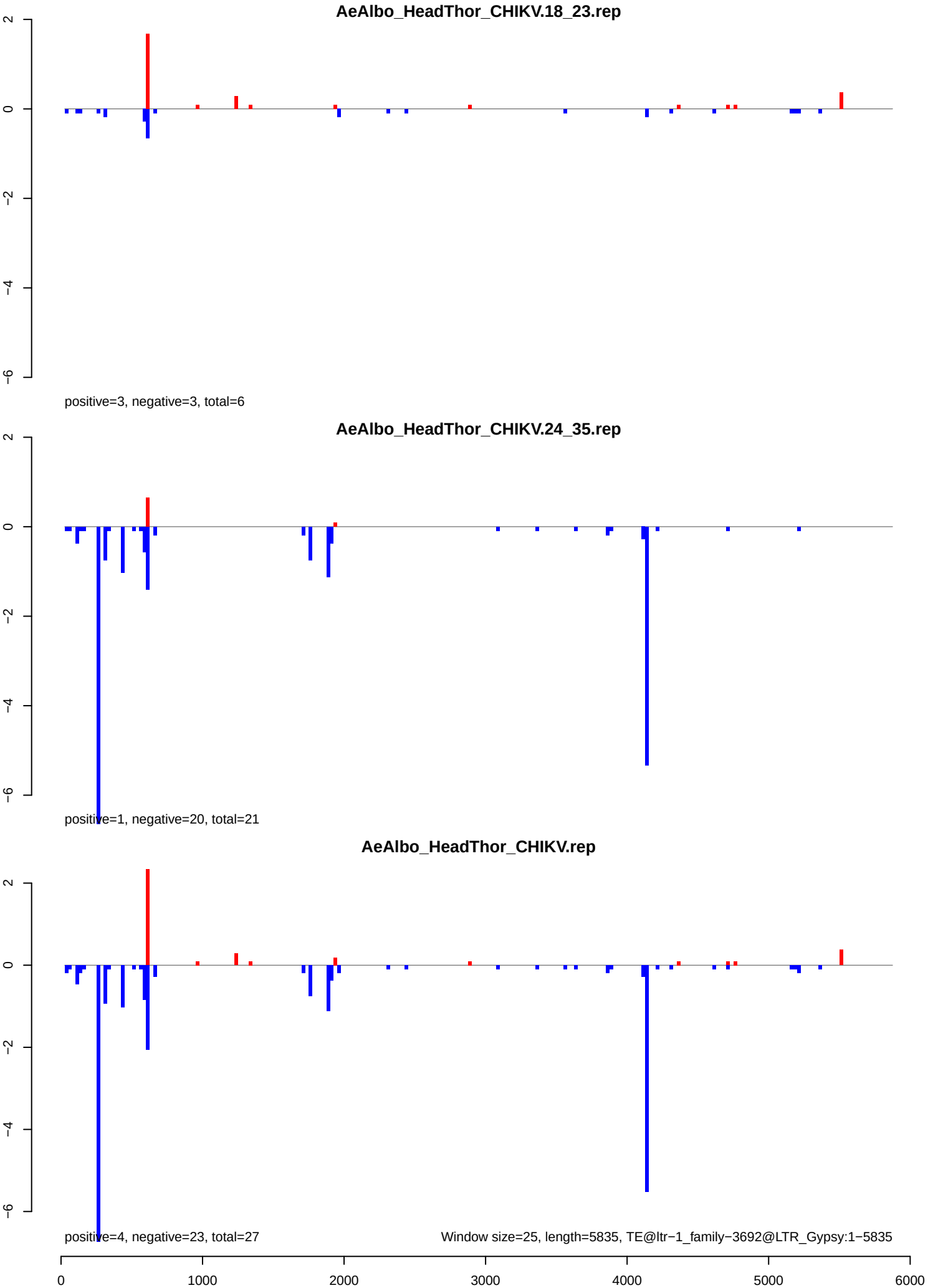
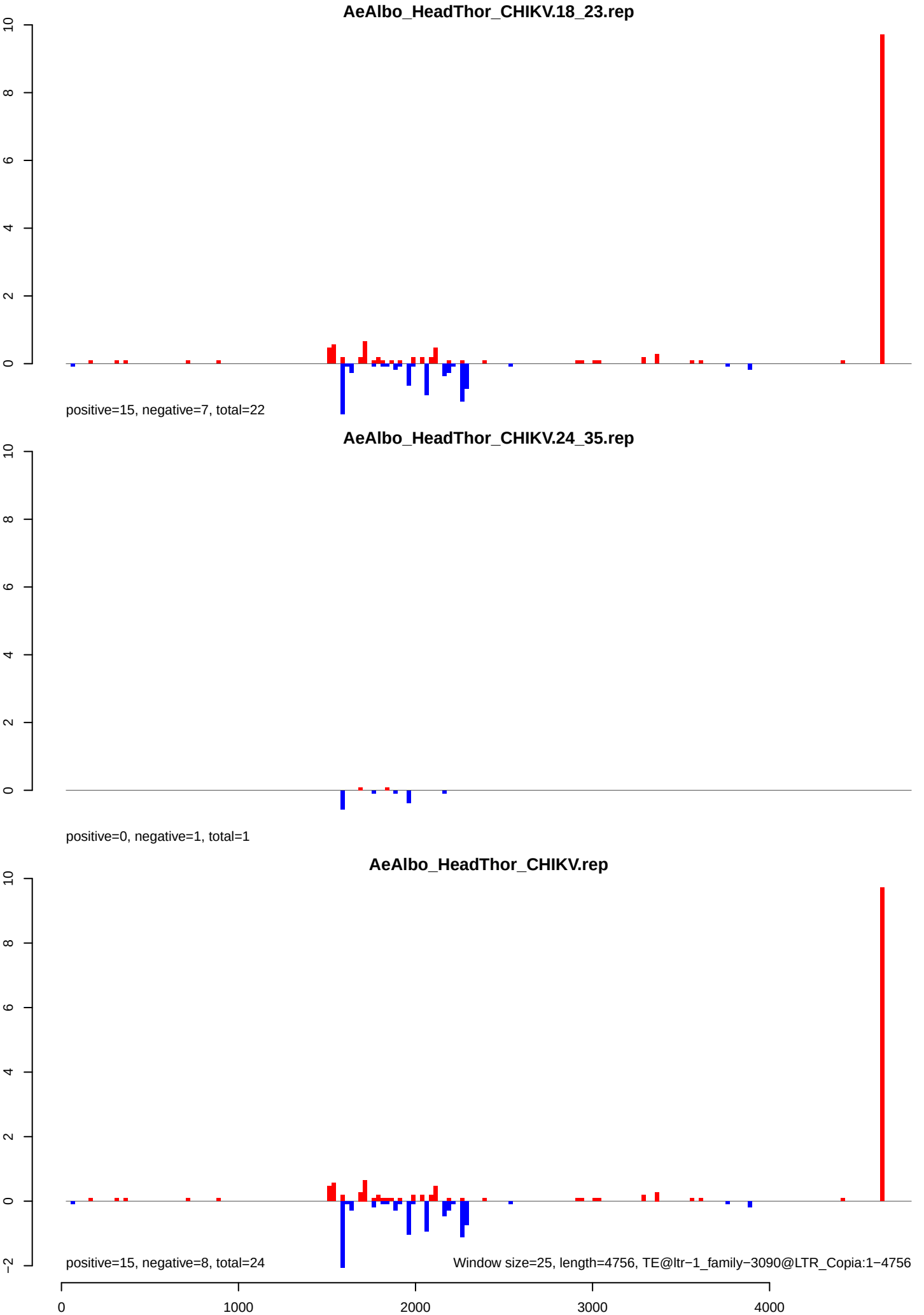
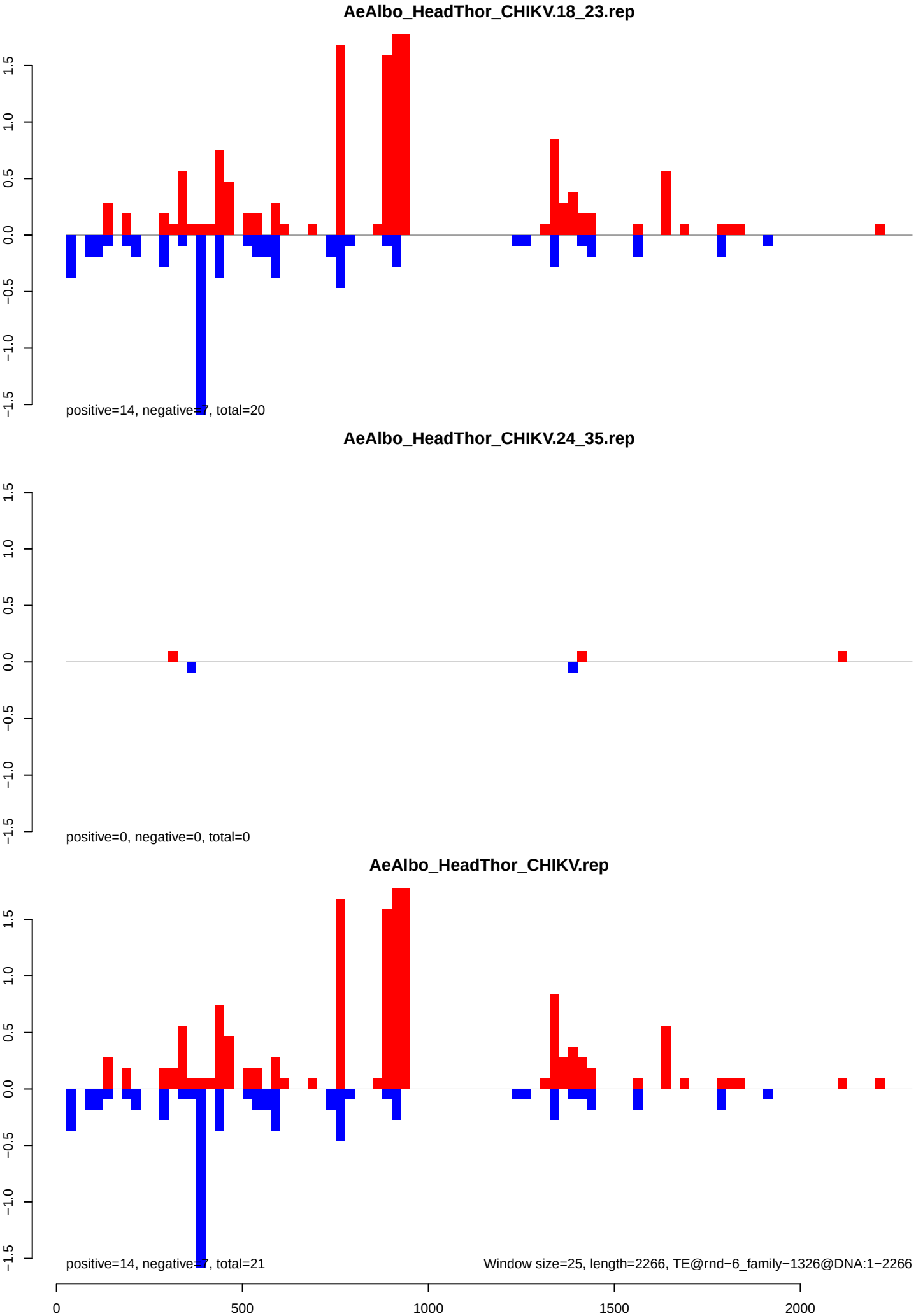
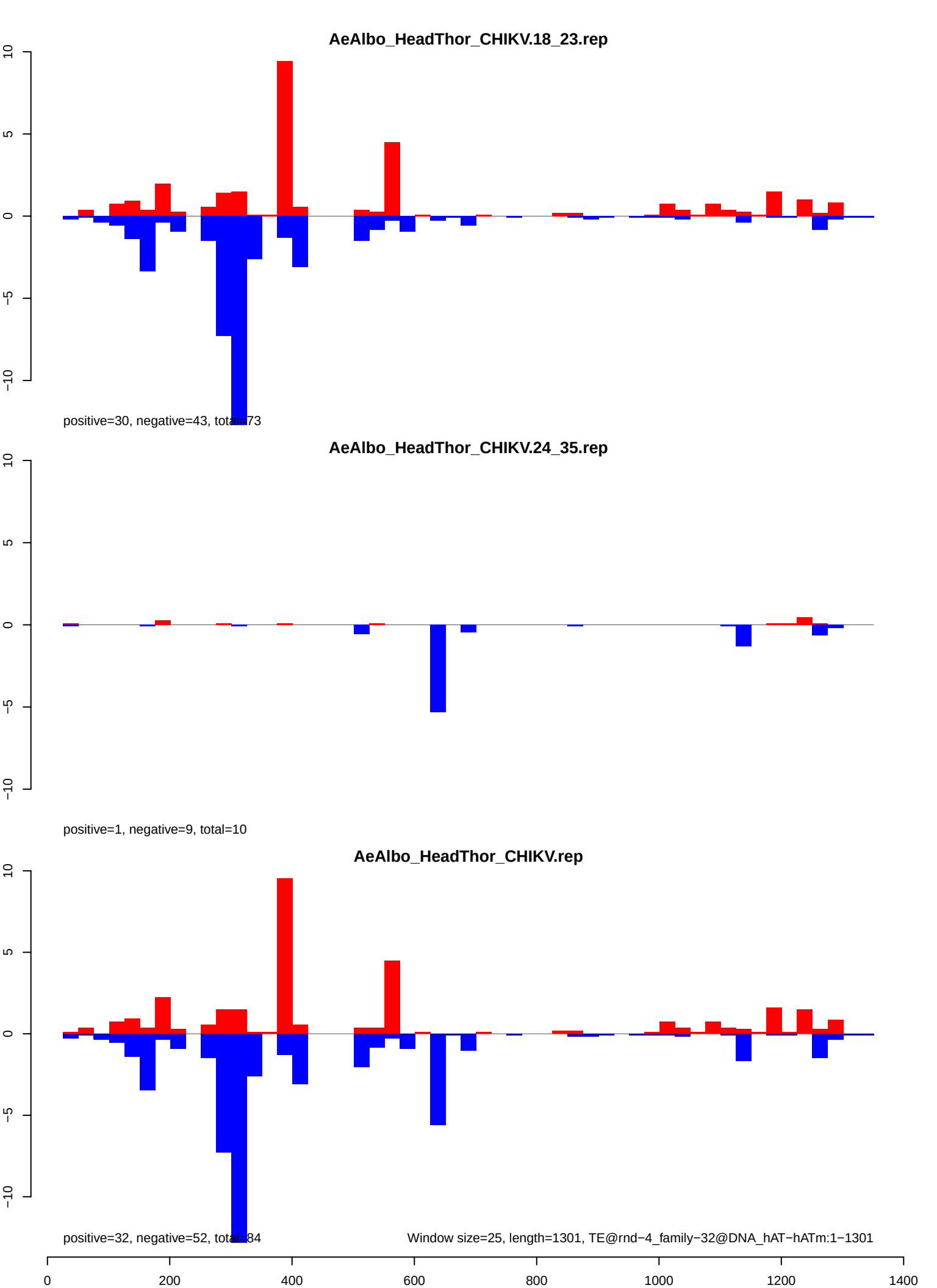
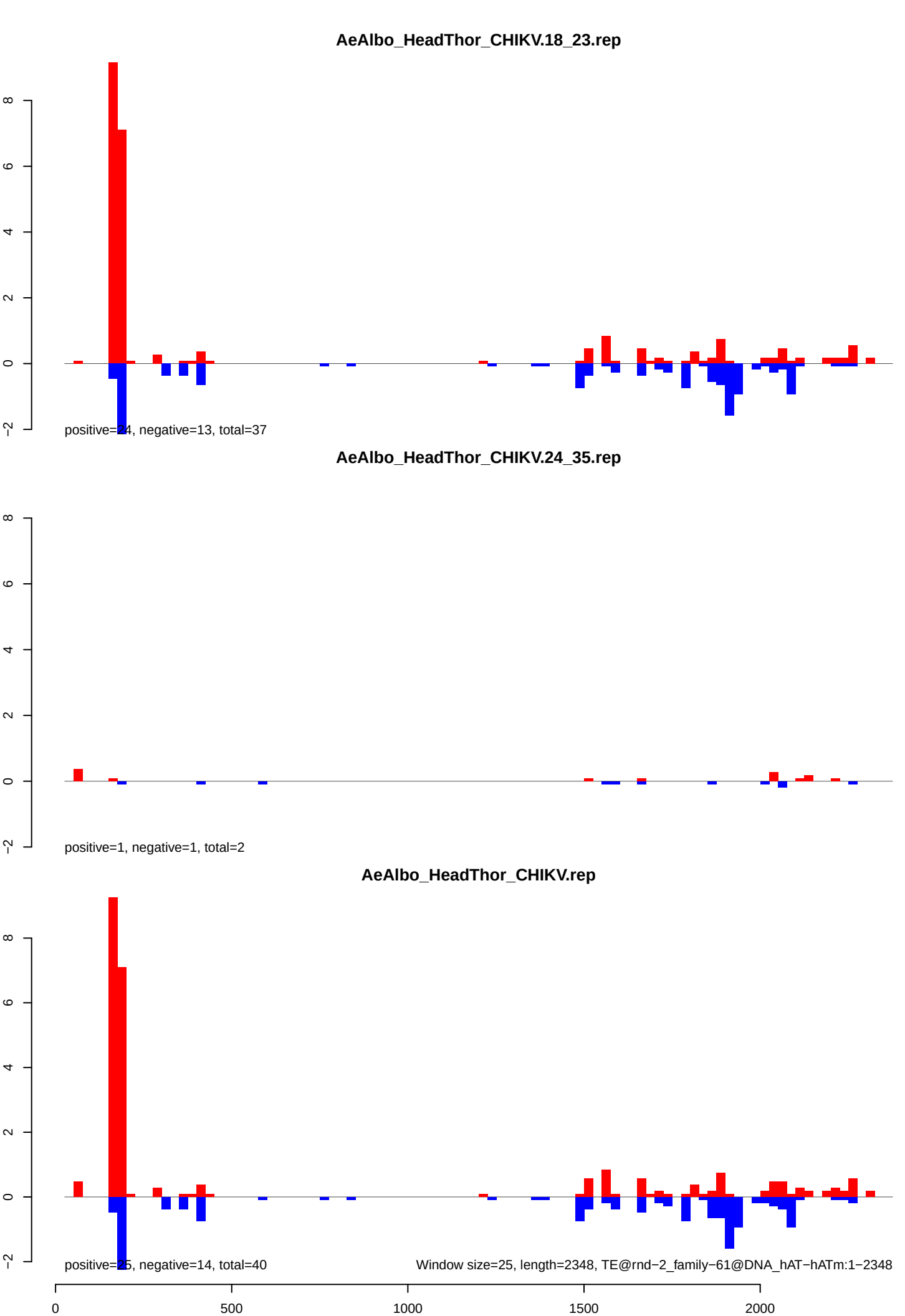
2000
3000
4000
5000

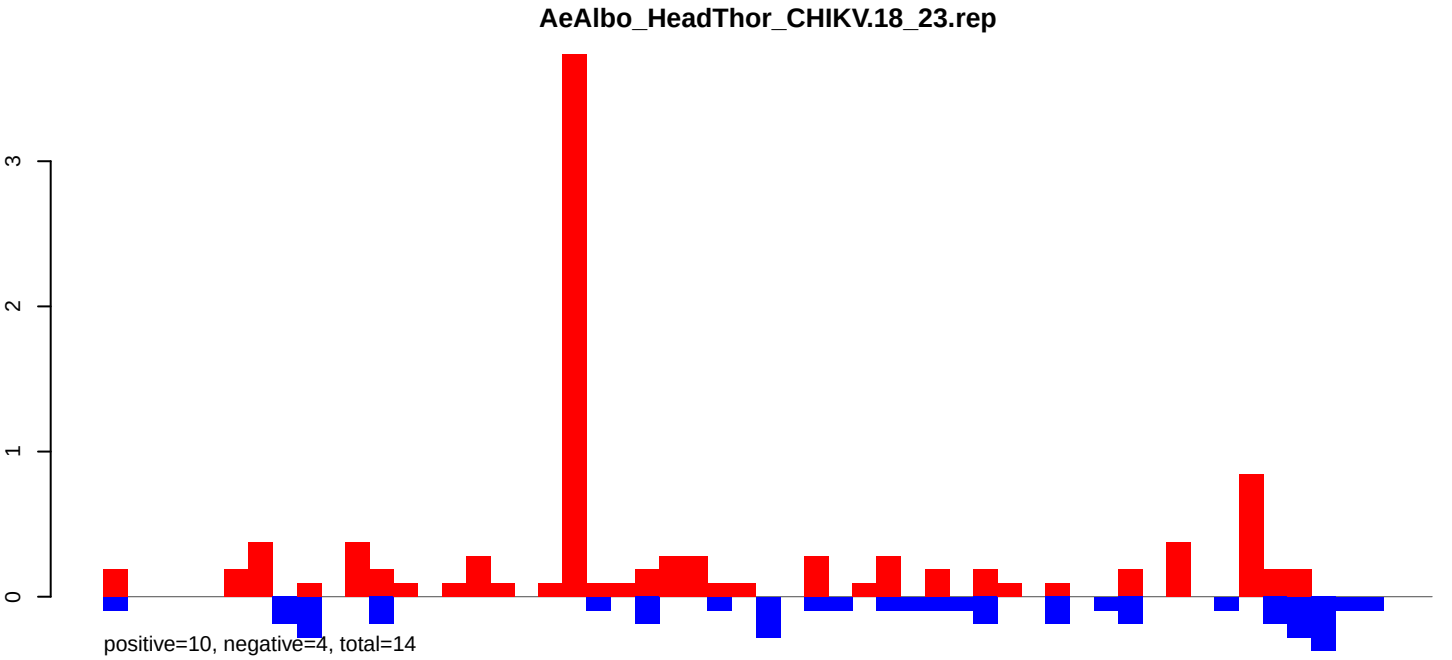

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=20, total=21
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=23, total=27
Window size=25, length=5835, TE@ltr−1_family−3692@LTR_Gypsy:1−5835
2
0
−2
−4
−6
0
1000
2000
3000
4000
5000
6000

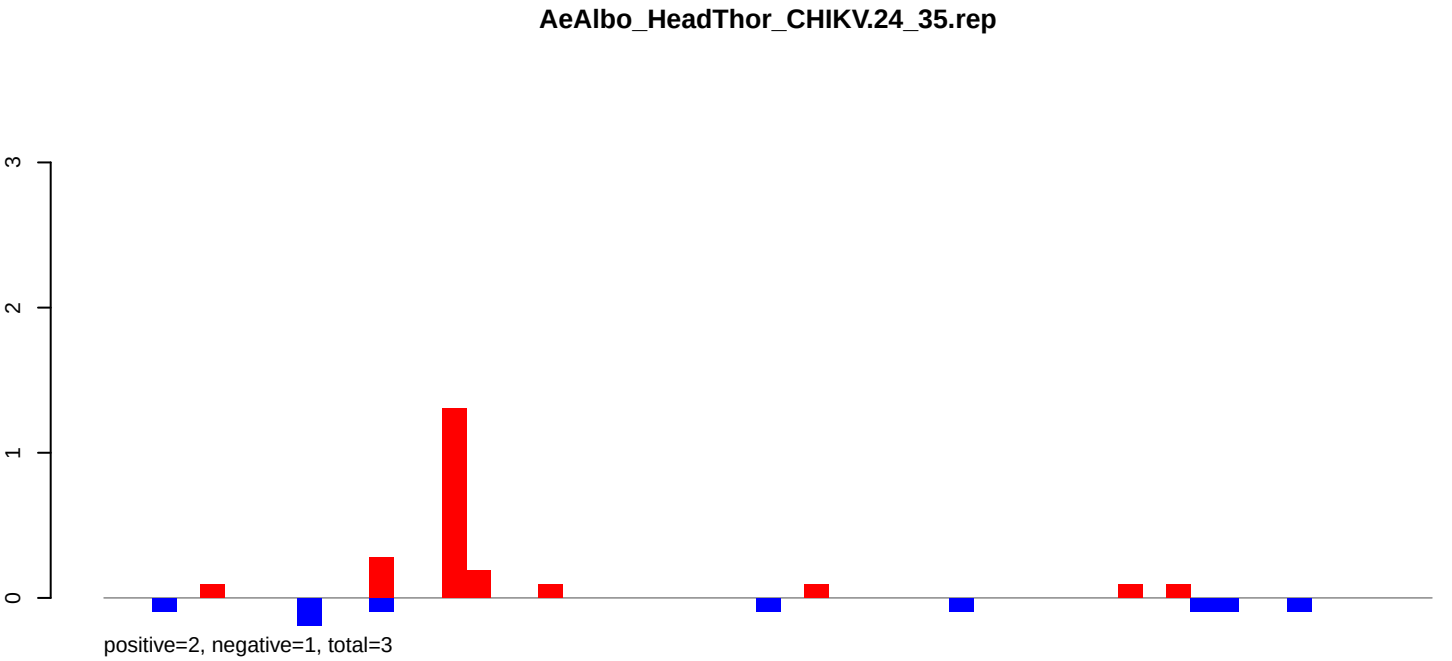

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=15, negative=7, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=8, total=24
Window size=25, length=4756, TE@ltr−1_family−3090@LTR_Copia:1−4756
0
1000
2000
3000
4000

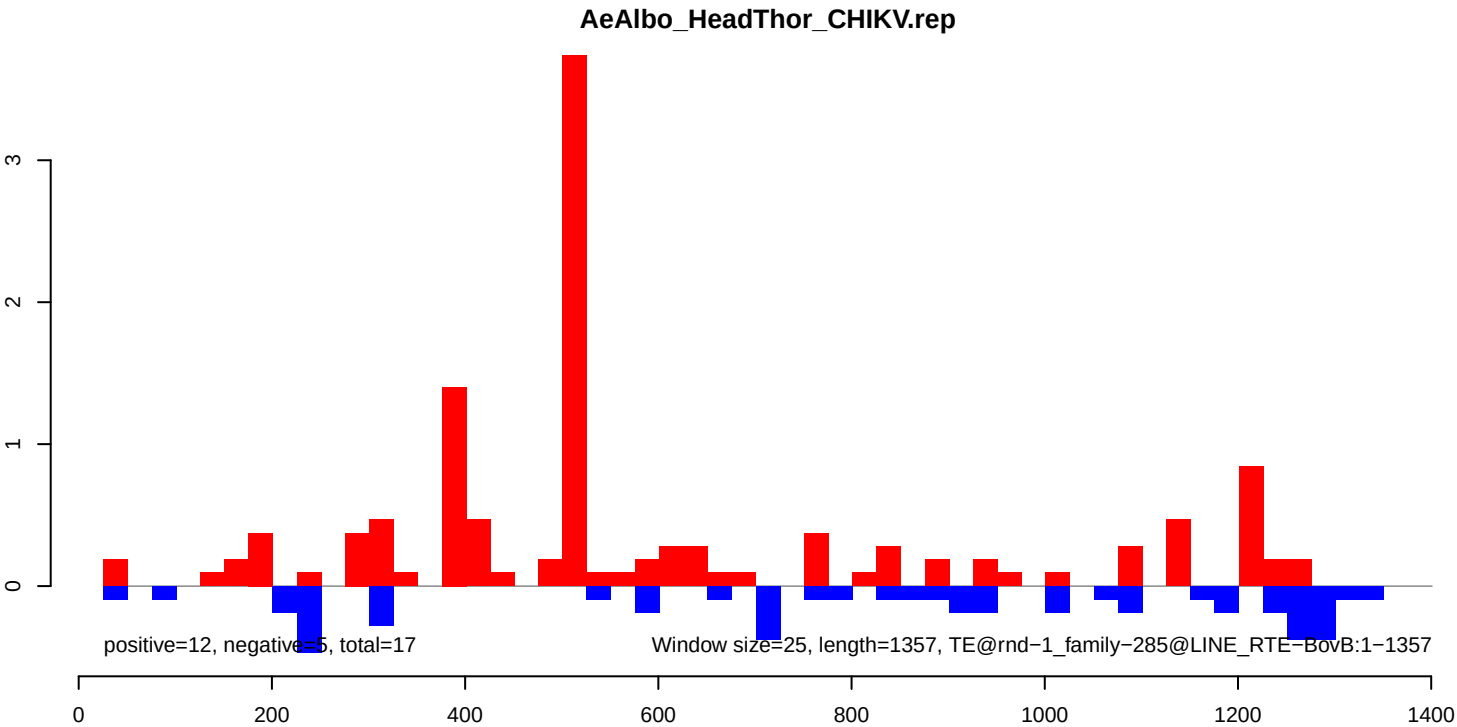

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=7, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=14, negative=7, total=21
Window size=25, length=2266, TE@rnd−6_family−1326@DNA:1−2266
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
500
1000
1500
2000

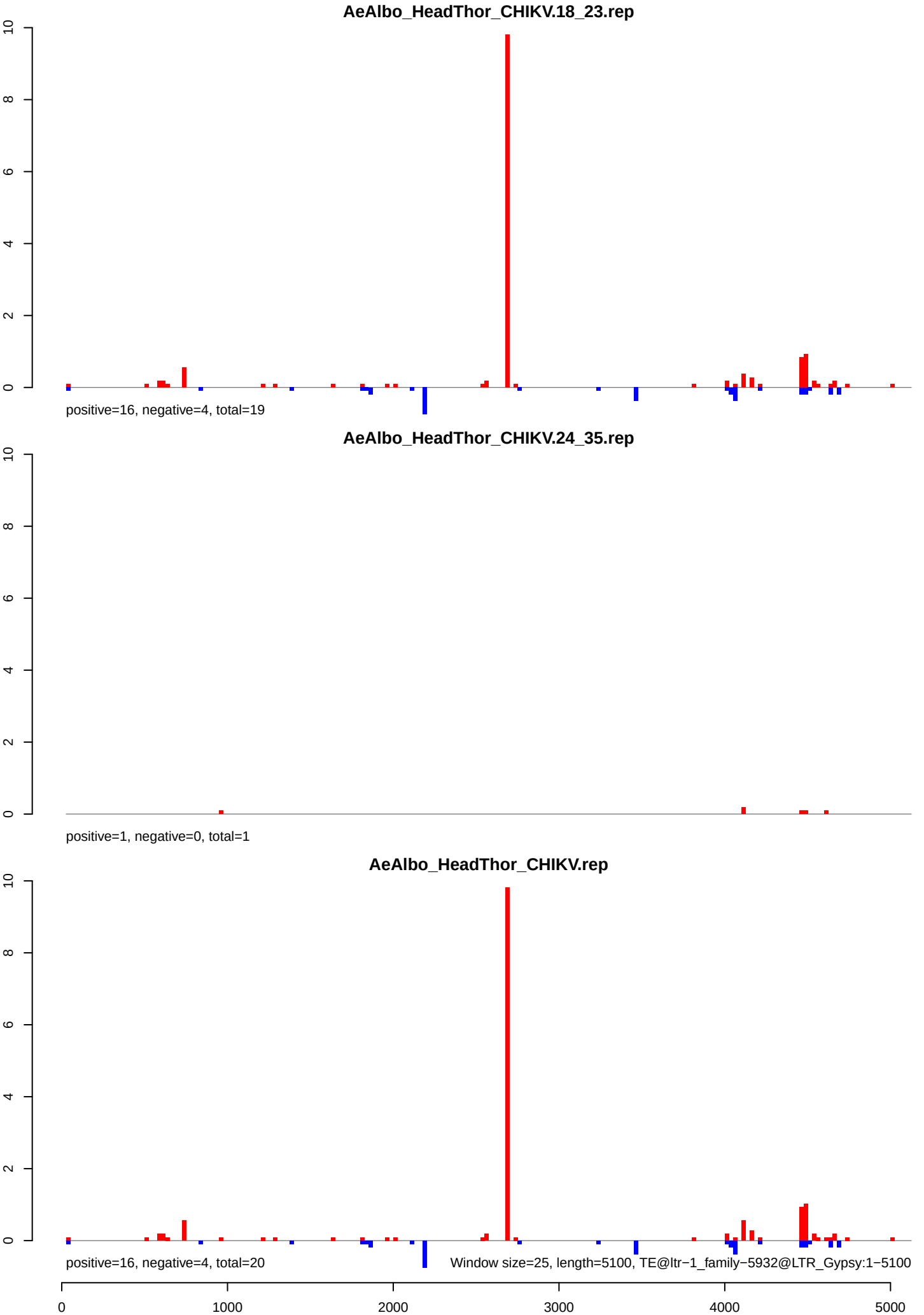

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=30, negative=43, total=73
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=9, total=10
AeAlbo_HeadThor_CHIKV.rep
positive=32, negative=52, total=84
Window size=25, length=1301, TE@rnd−4_family−32@DNA_hAT−hATm:1−1301
10
5
0
−5
−10
0
200
400
600
800
1000
1200
1400

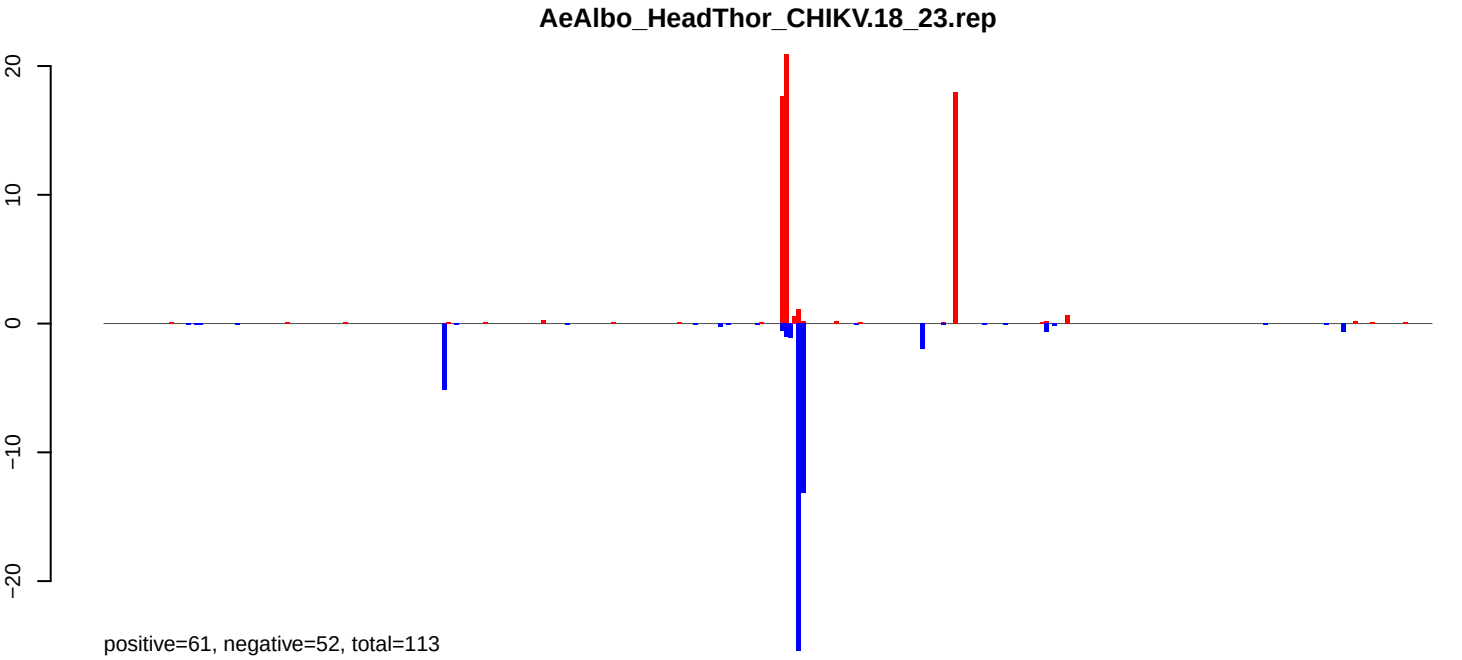

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=24, negative=13, total=37
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=26, negative=14, total=40
Window size=25, length=2348, TE@rnd−2_family−61@DNA_hAT−hATm:1−2348
8
6
4
2
0
−2
0
500
1000
1500
2000

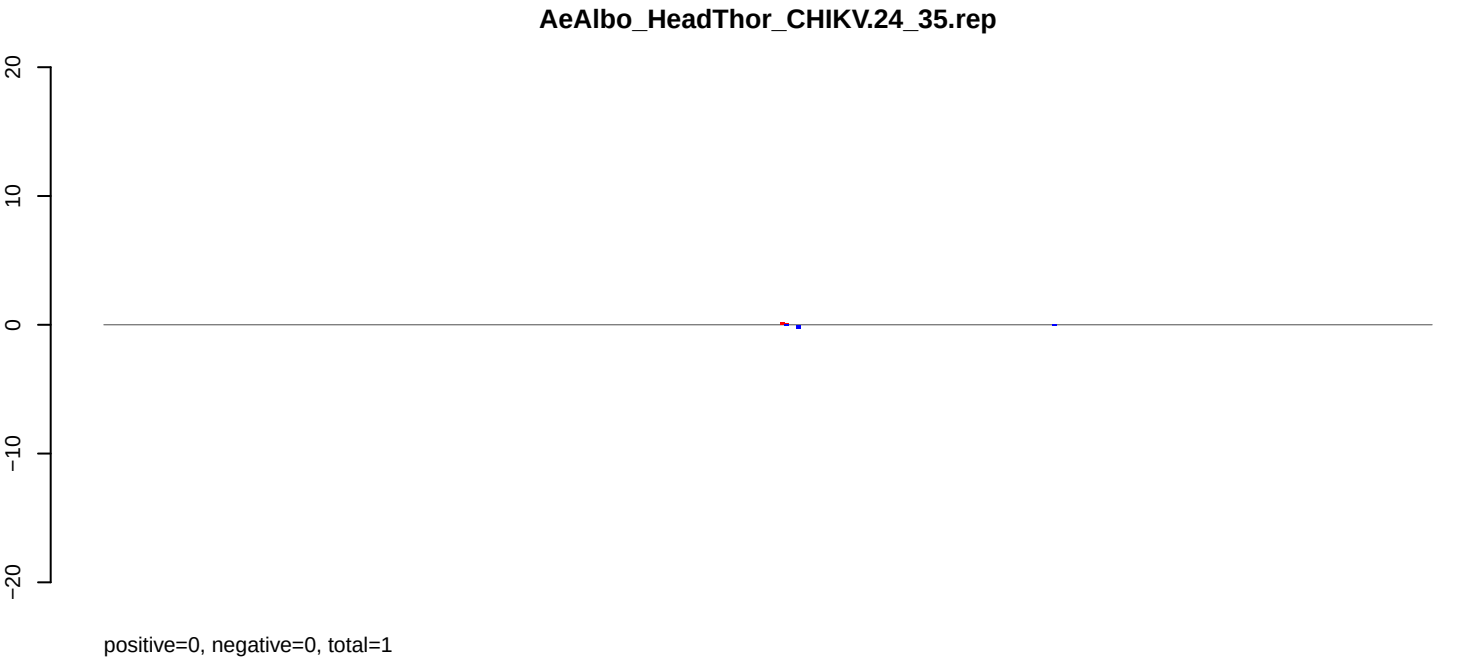

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=10, negative=4, total=14

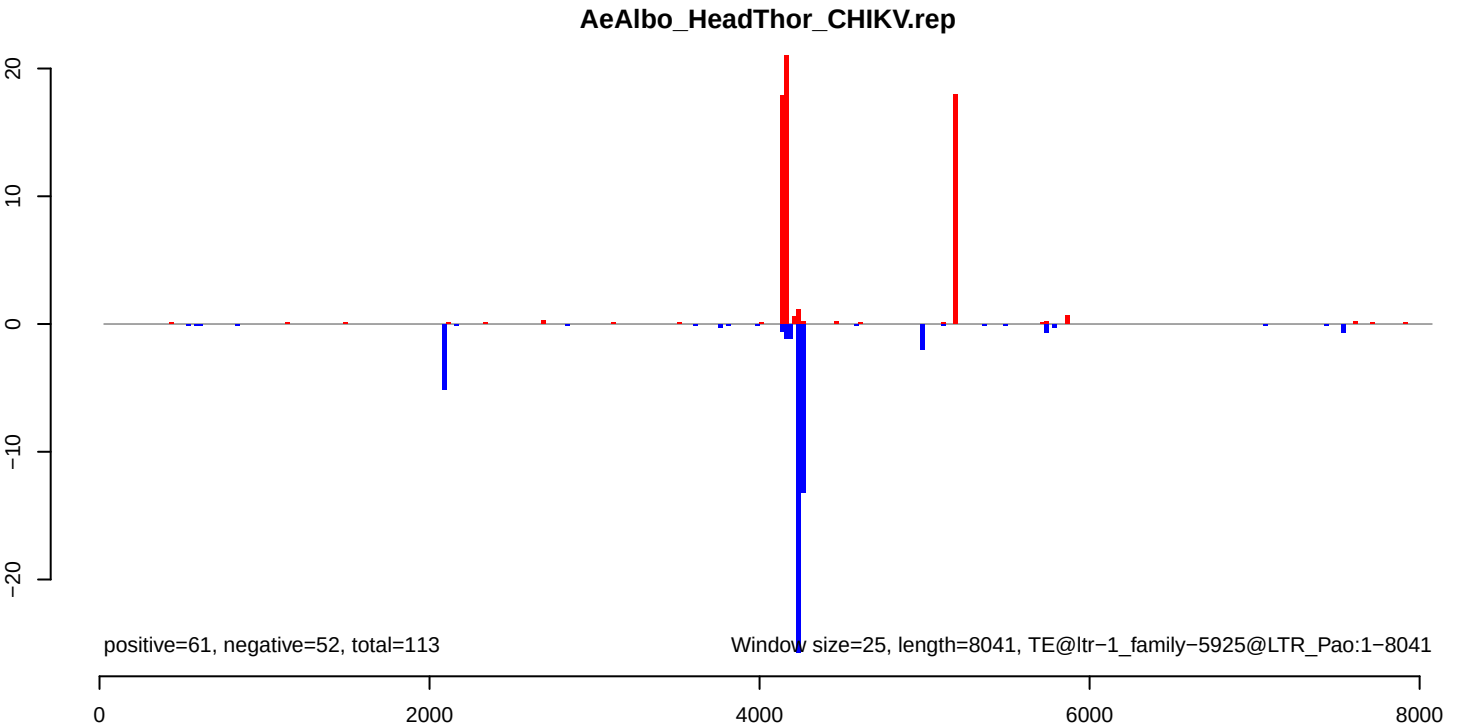

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=2, negative=1, total=3

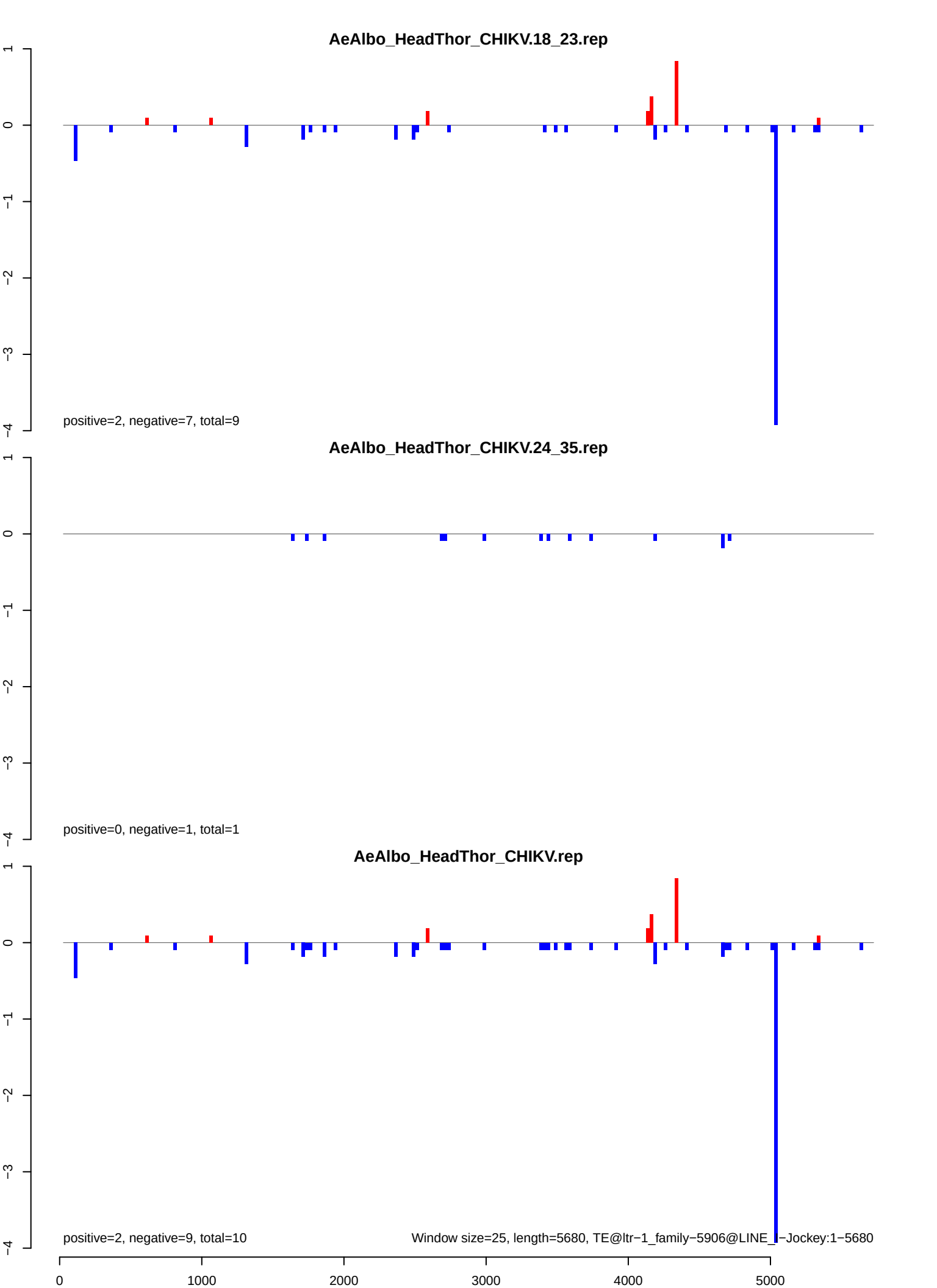

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=12, negative=5, total=17
Window size=25, length=1357, TE@rnd−1_family−285@LINE_RTE−BovB:1−1357
0
200
400
600
800
1000
1200
1400

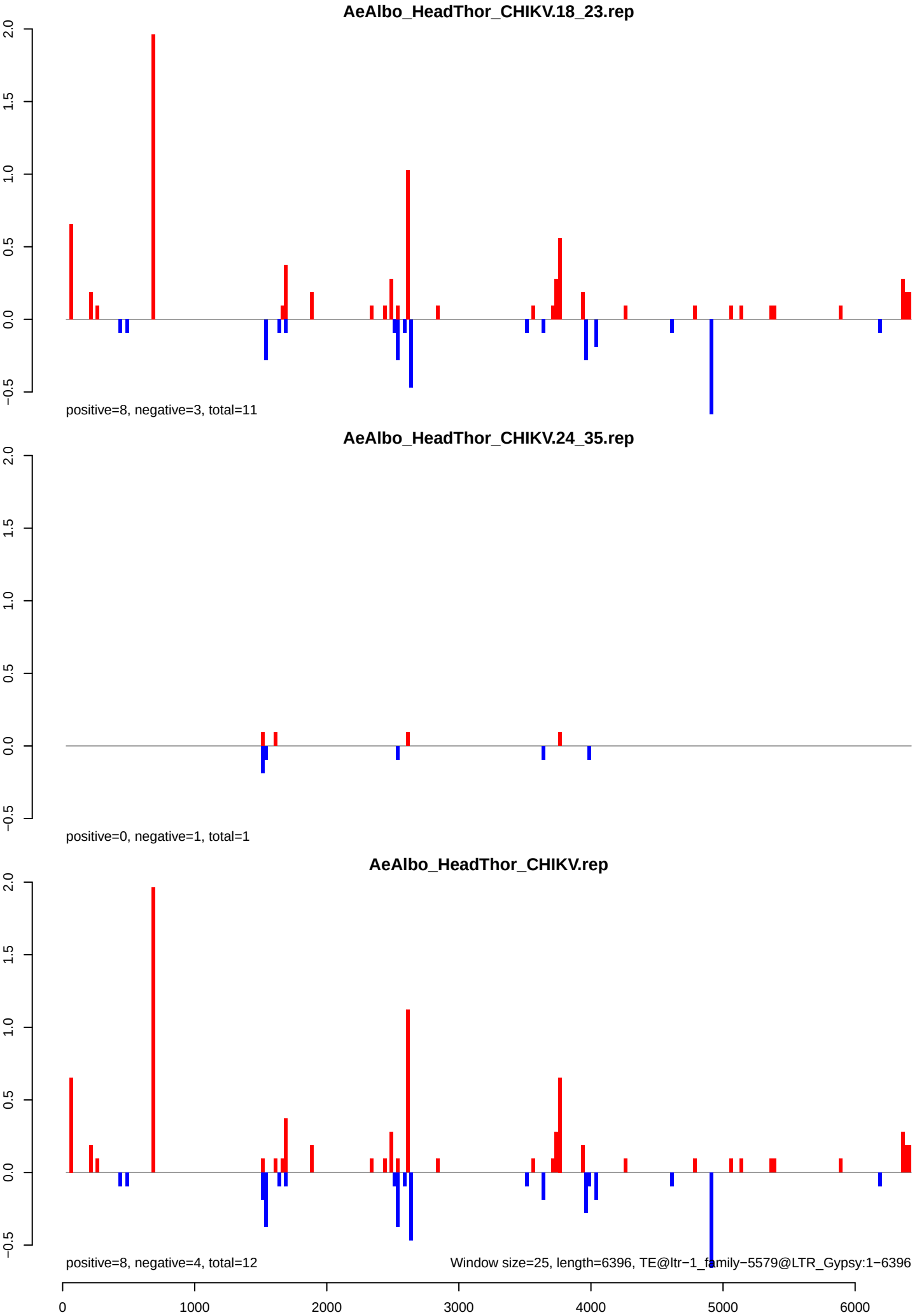

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=4, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=4, total=20
Window size=25, length=5100, TE@ltr−1_family−5932@LTR_Gypsy:1−5100
0
1000
2000
3000
4000
5000

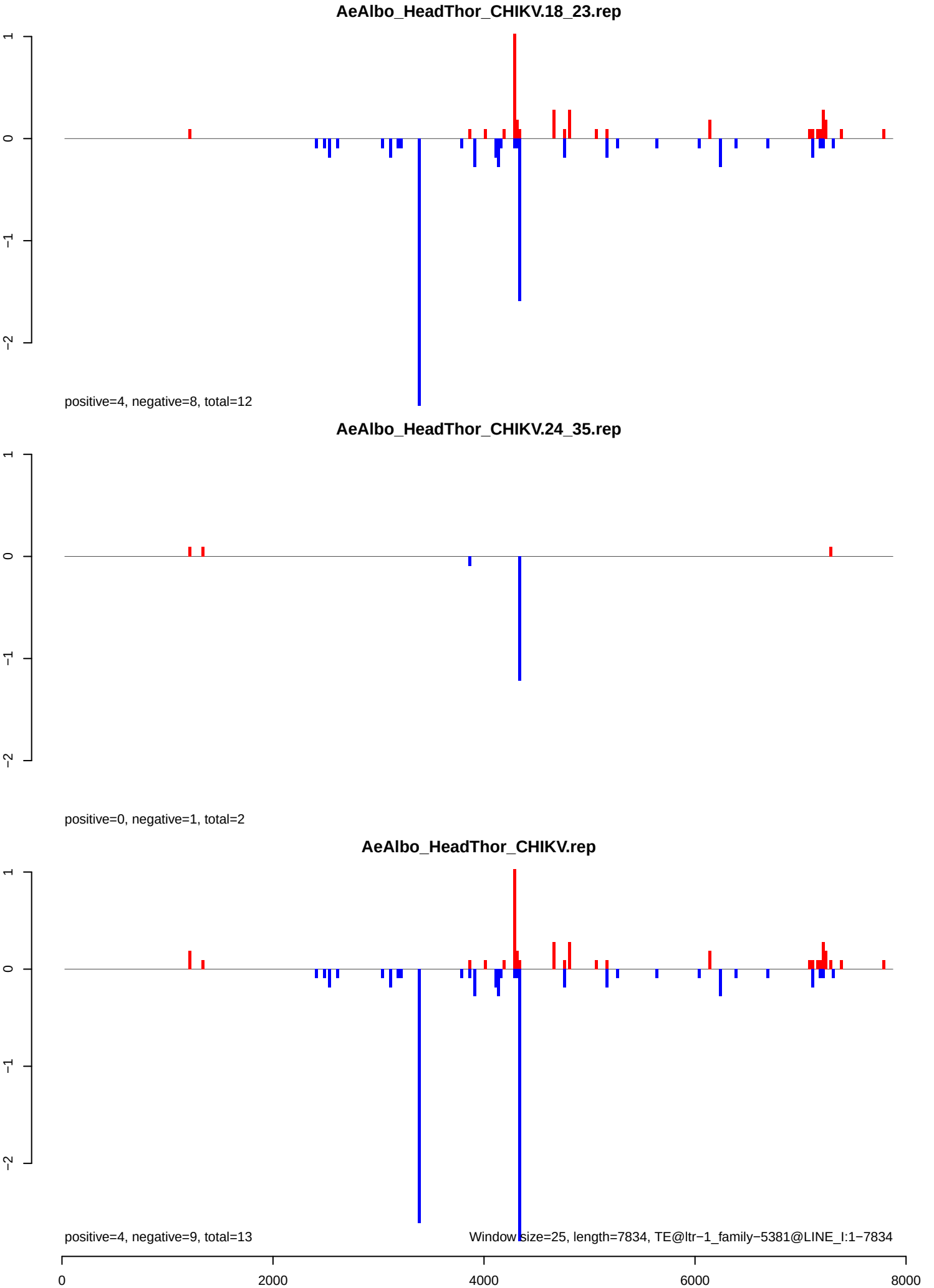

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=61, negative=52, total=113

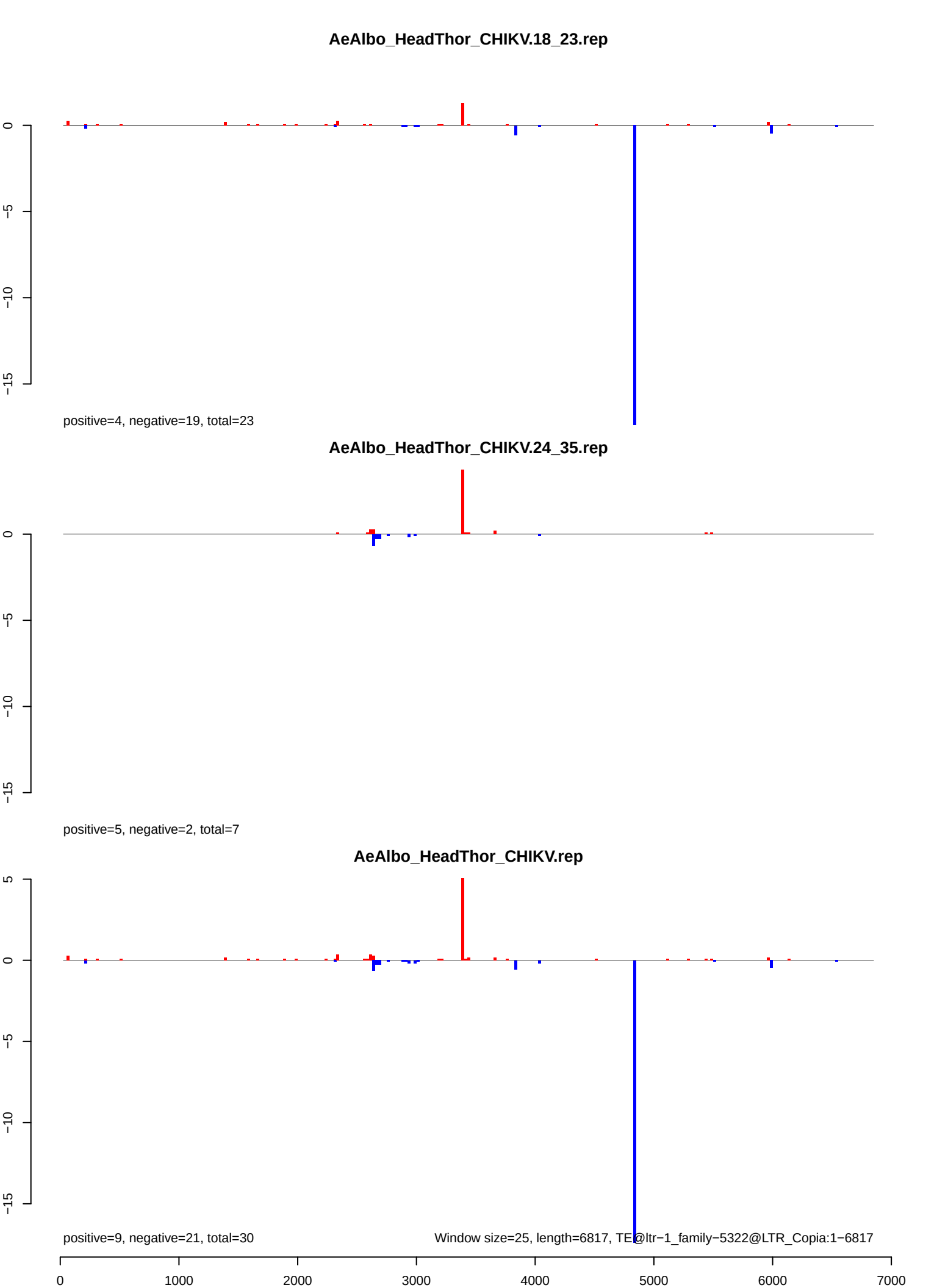

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=0, negative=0, total=1

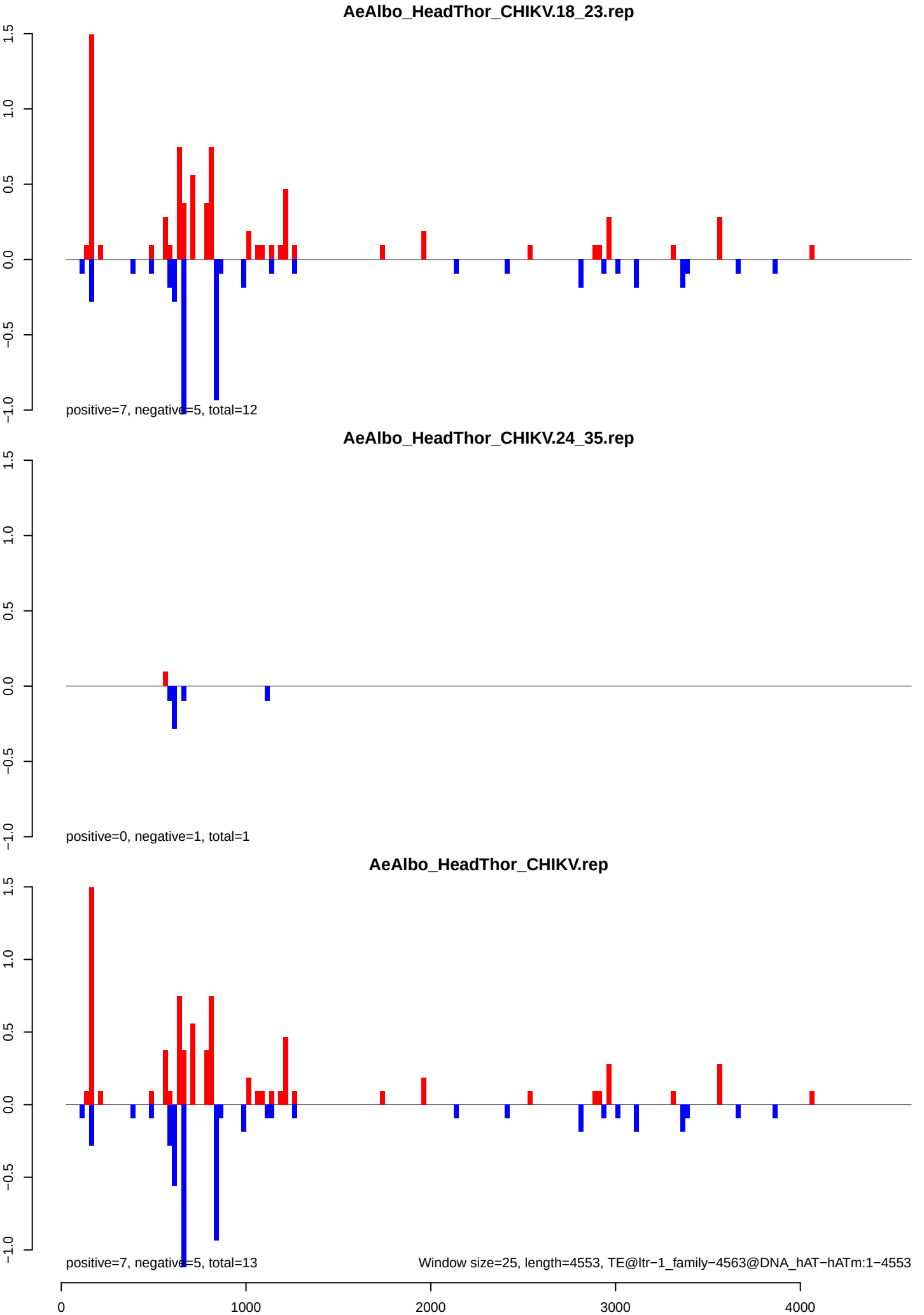

AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
positive=61, negative=52, total=113
Window size=25, length=8041, TE@ltr−1_family−5925@LTR_Pao:1−8041
0
2000
4000
6000
8000

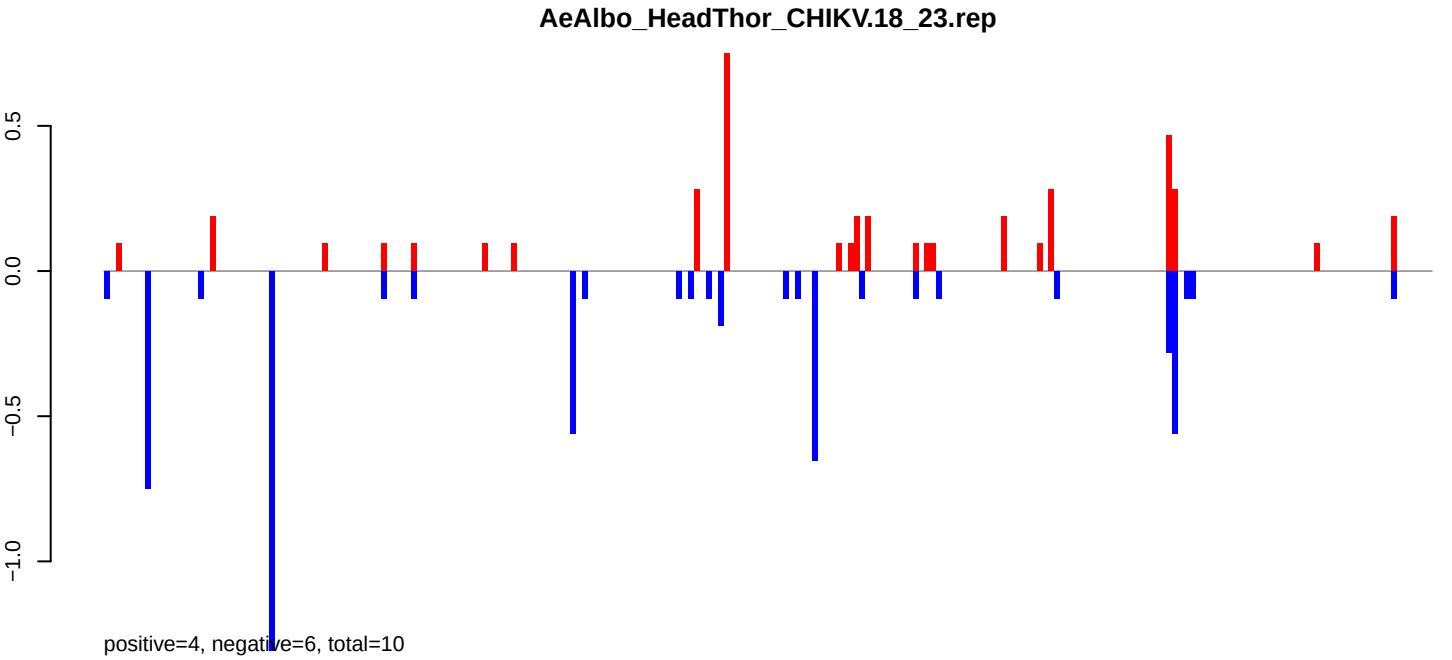

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=7, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=9, total=10
Window size=25, length=5680, TE@ltr−1_family−5906@LINE_I−Jockey:1−5680
1
0
−1
−2
−3
−4
0
1000
2000
3000
4000
5000

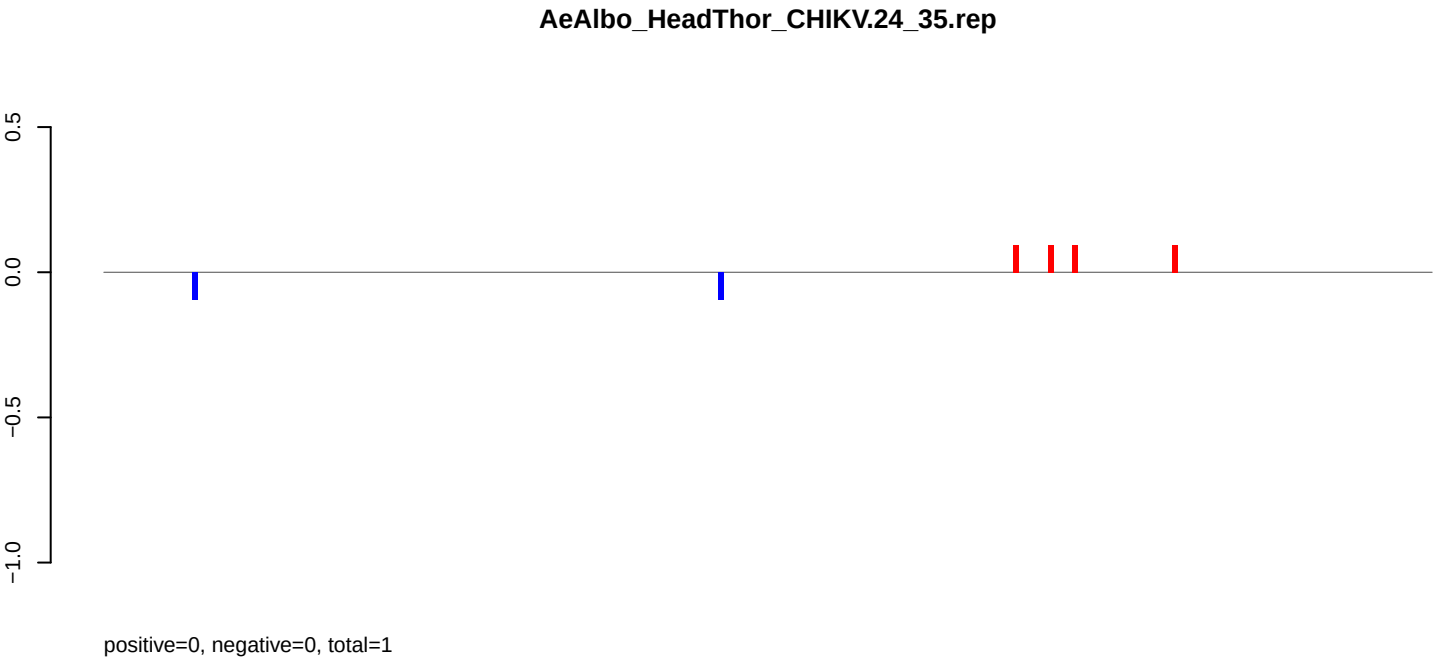

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=3, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=4, total=12
Window size=25, length=6396, TE@ltr−1_family−5579@LTR_Gypsy:1−6396
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000
5000
6000

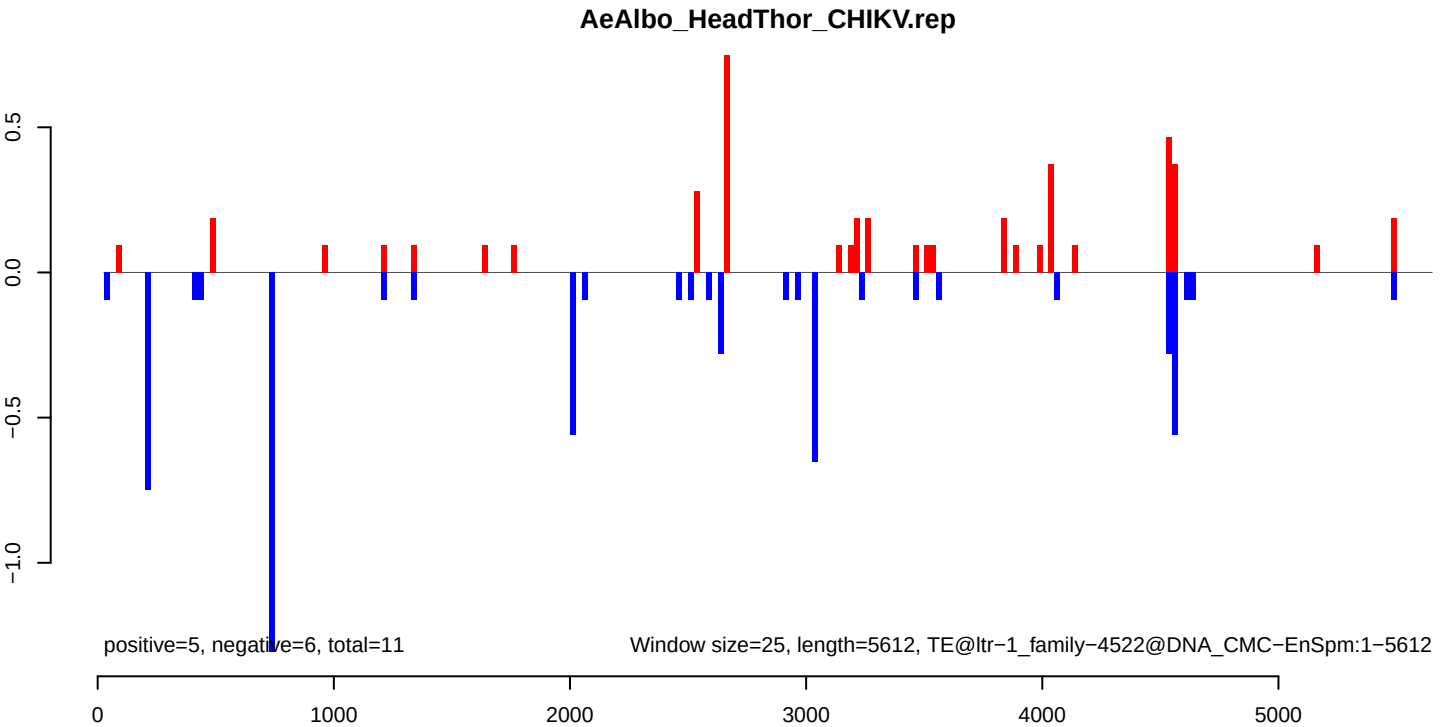

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=4, negative=8, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=4, negative=9, total=13
Window size=25, length=7834, TE@ltr−1_family−5381@LINE_I:1−7834
0
2000
4000
6000
8000

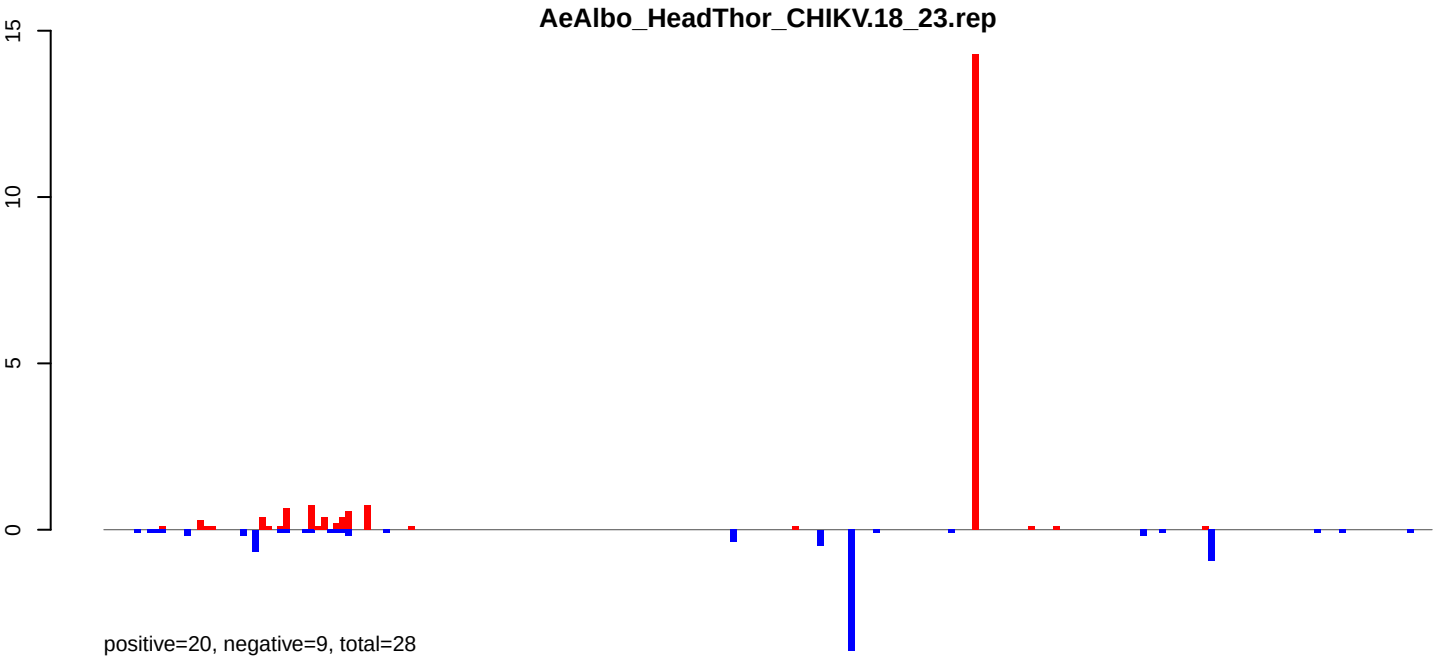

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=4, negative=19, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=5, negative=2, total=7
AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
−15
positive=9, negative=21, total=30
Window size=25, length=6817, TE@ltr−1_family−5322@LTR_Copia:1−6817
0
1000
2000
3000
4000
5000
6000
7000

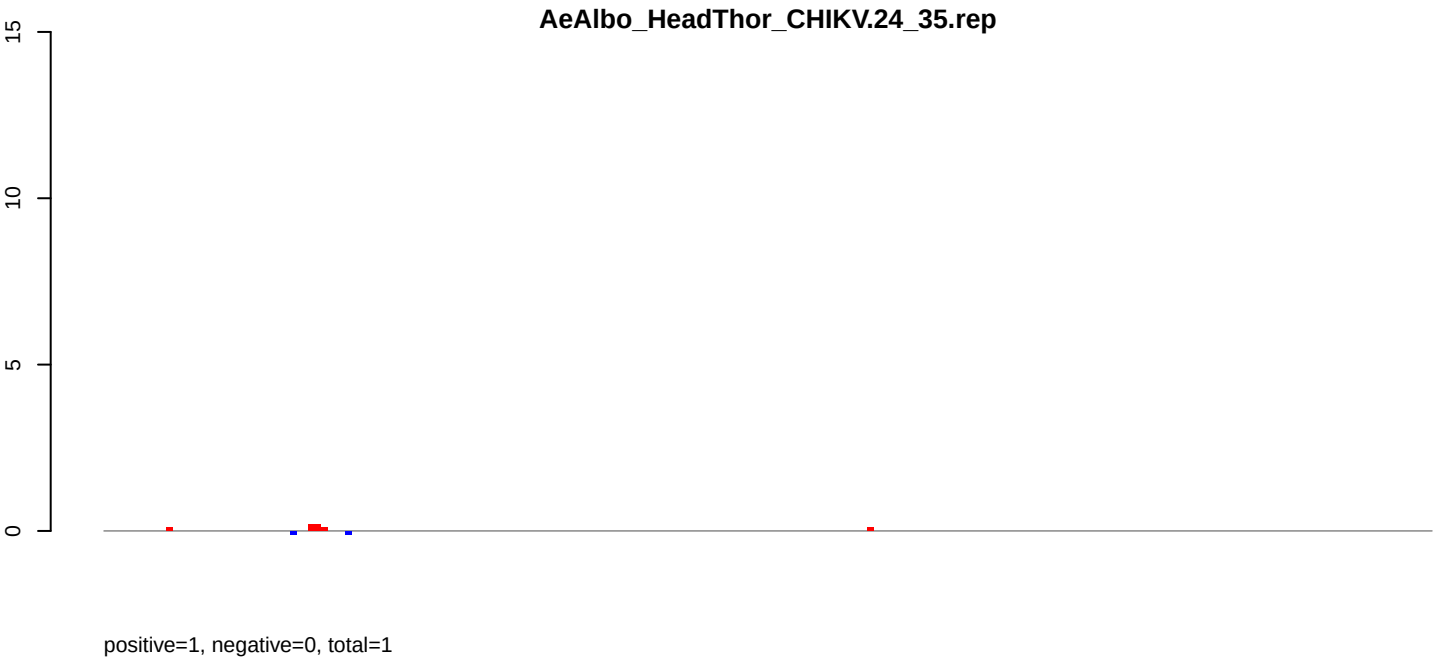

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=7, negative=5, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=5, total=13
Window size=25, length=4553, TE@ltr−1_family−4563@DNA_hAT−hATm:1−4553
0
1000
2000
3000
4000

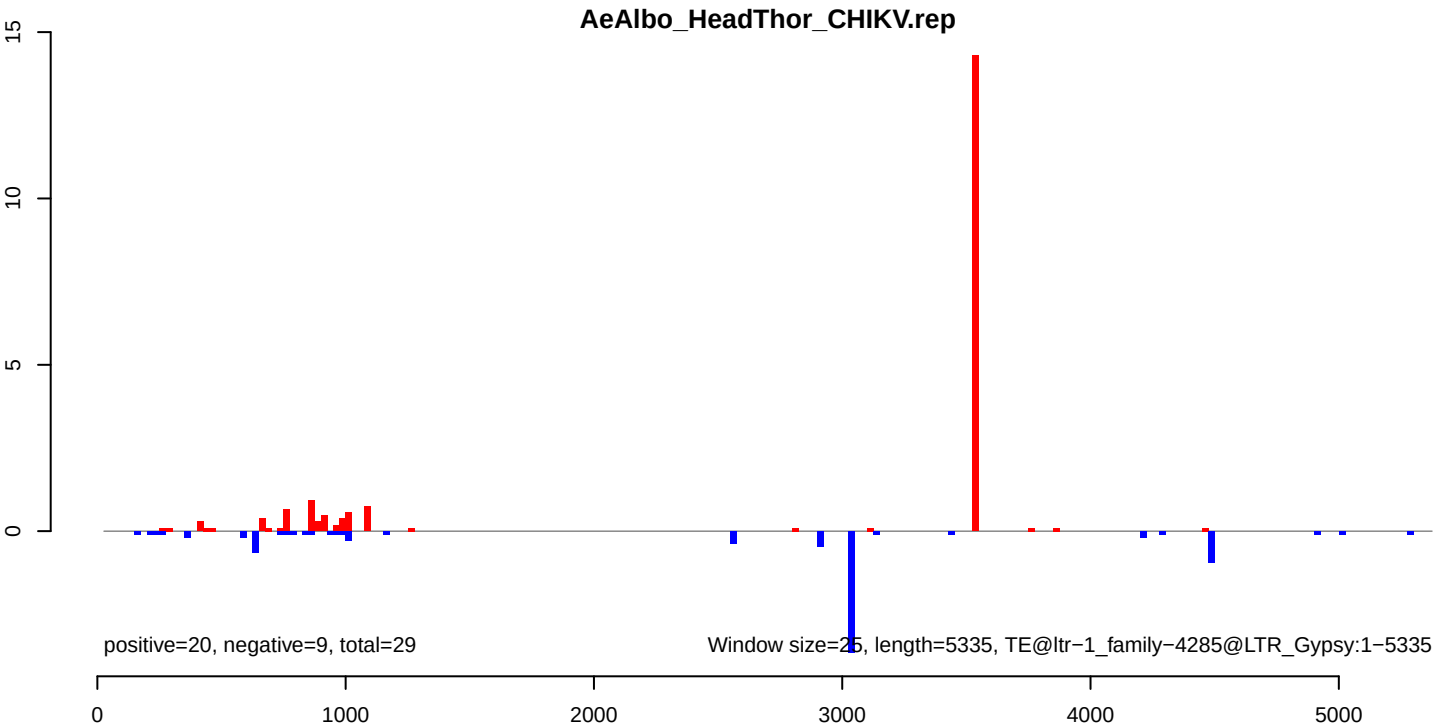

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=4, negative=6, total=10

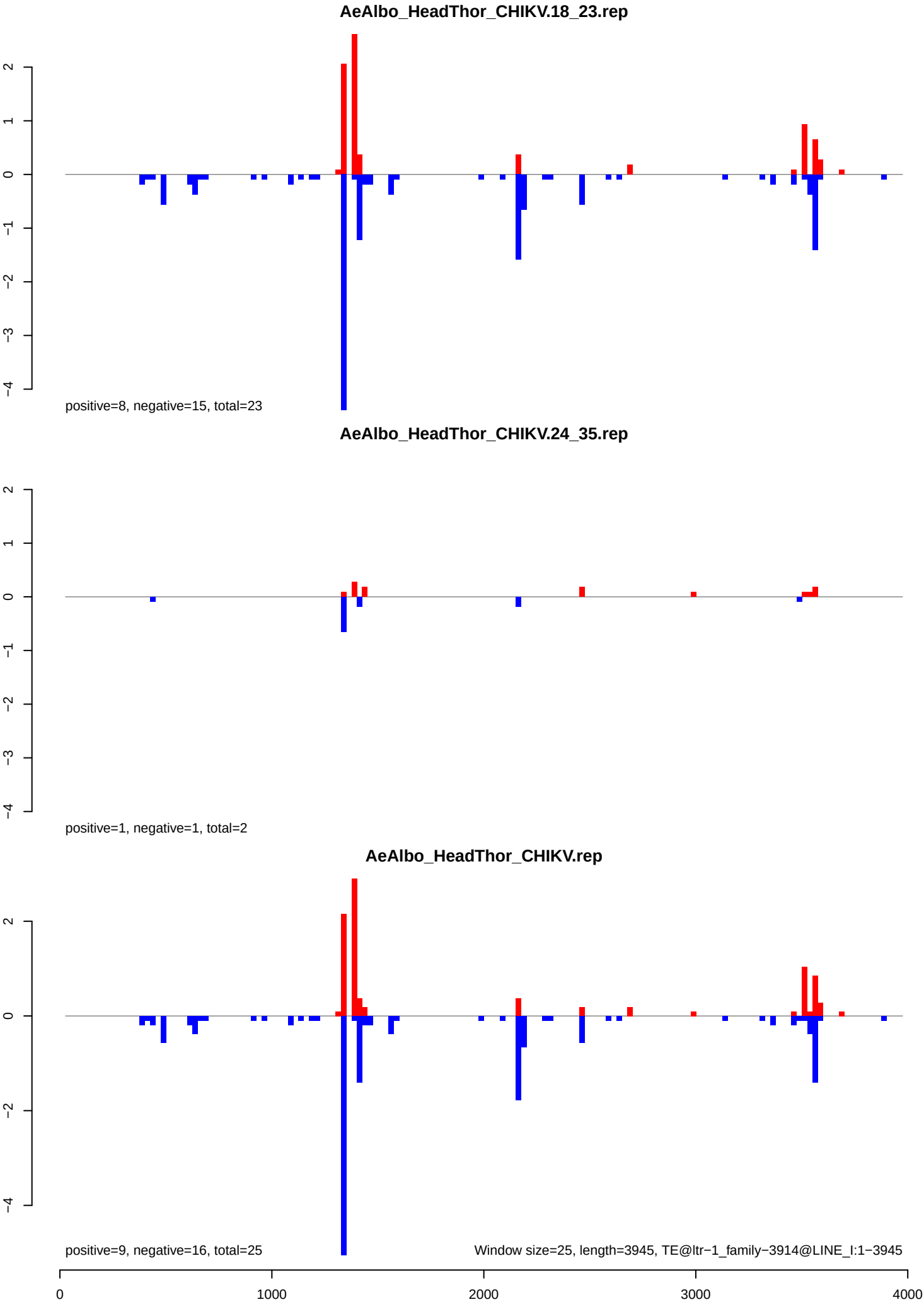

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=1

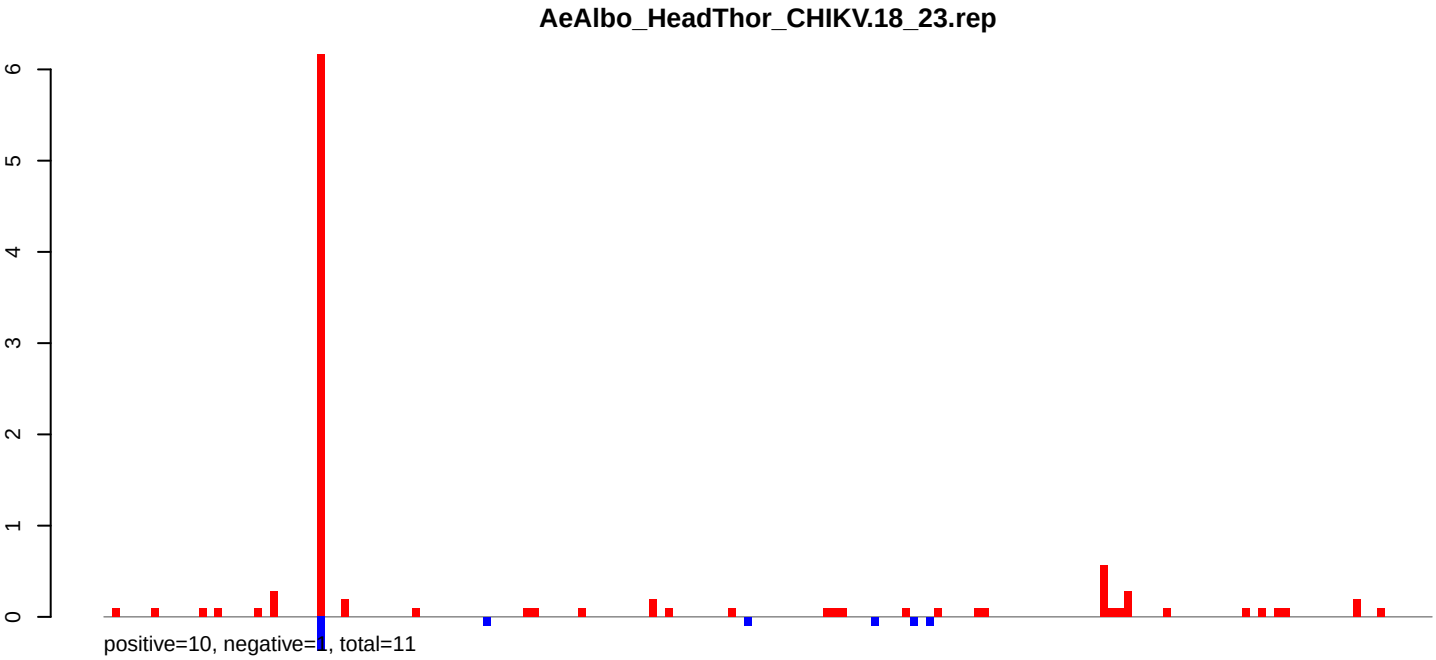

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=5, negative=6, total=11
Window size=25, length=5612, TE@ltr−1_family−4522@DNA_CMC−EnSpm:1−5612
0
1000
2000
3000
4000
5000

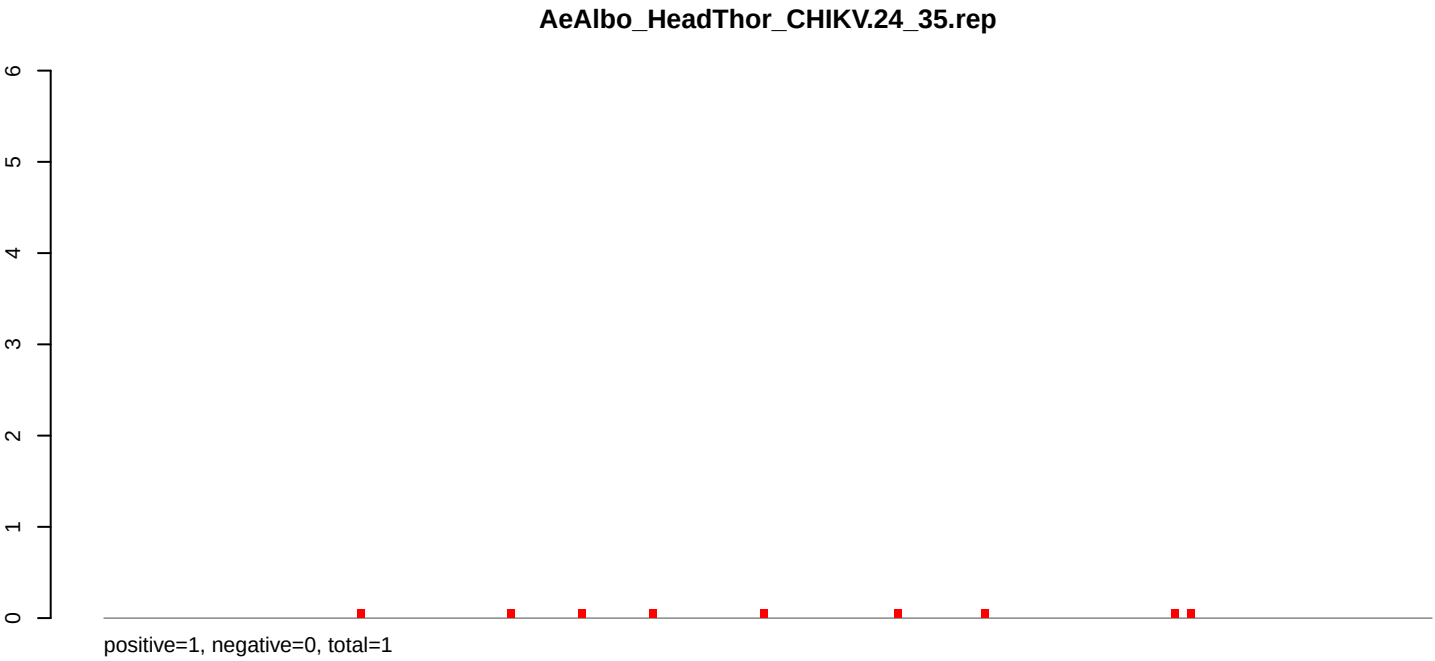

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=20, negative=9, total=28

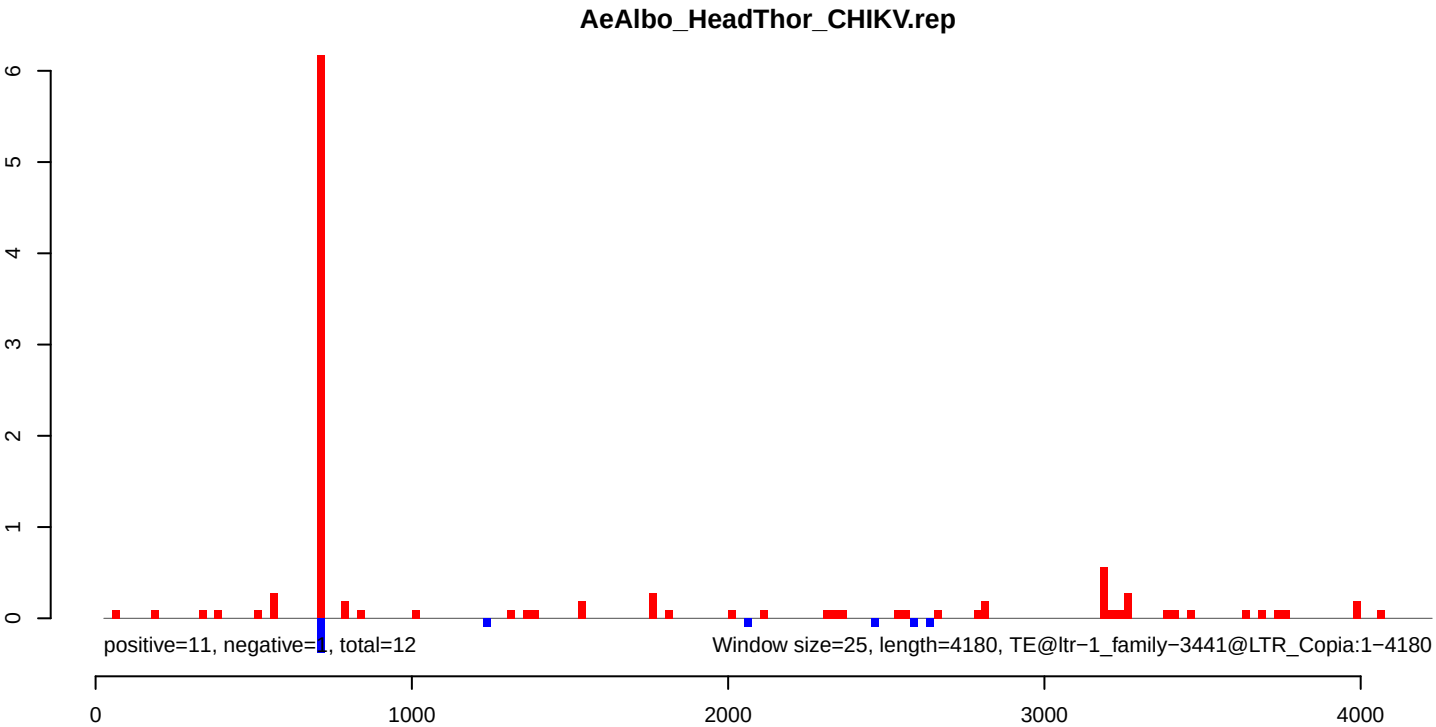

AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=1, negative=0, total=1

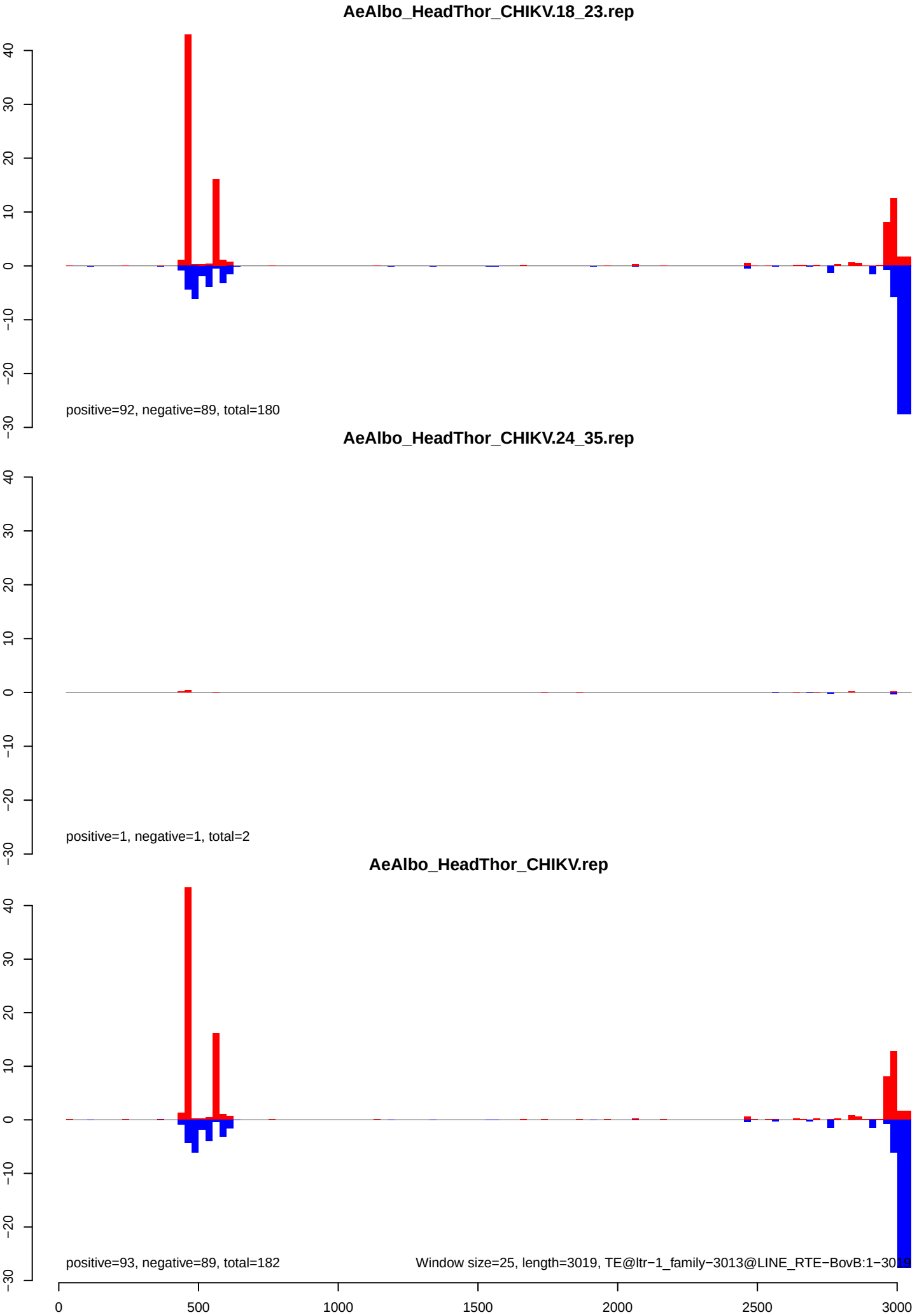

AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
positive=20, negative=9, total=29
Window size=25, length=5335, TE@ltr−1_family−4285@LTR_Gypsy:1−5335
0
1000
2000
3000
4000
5000

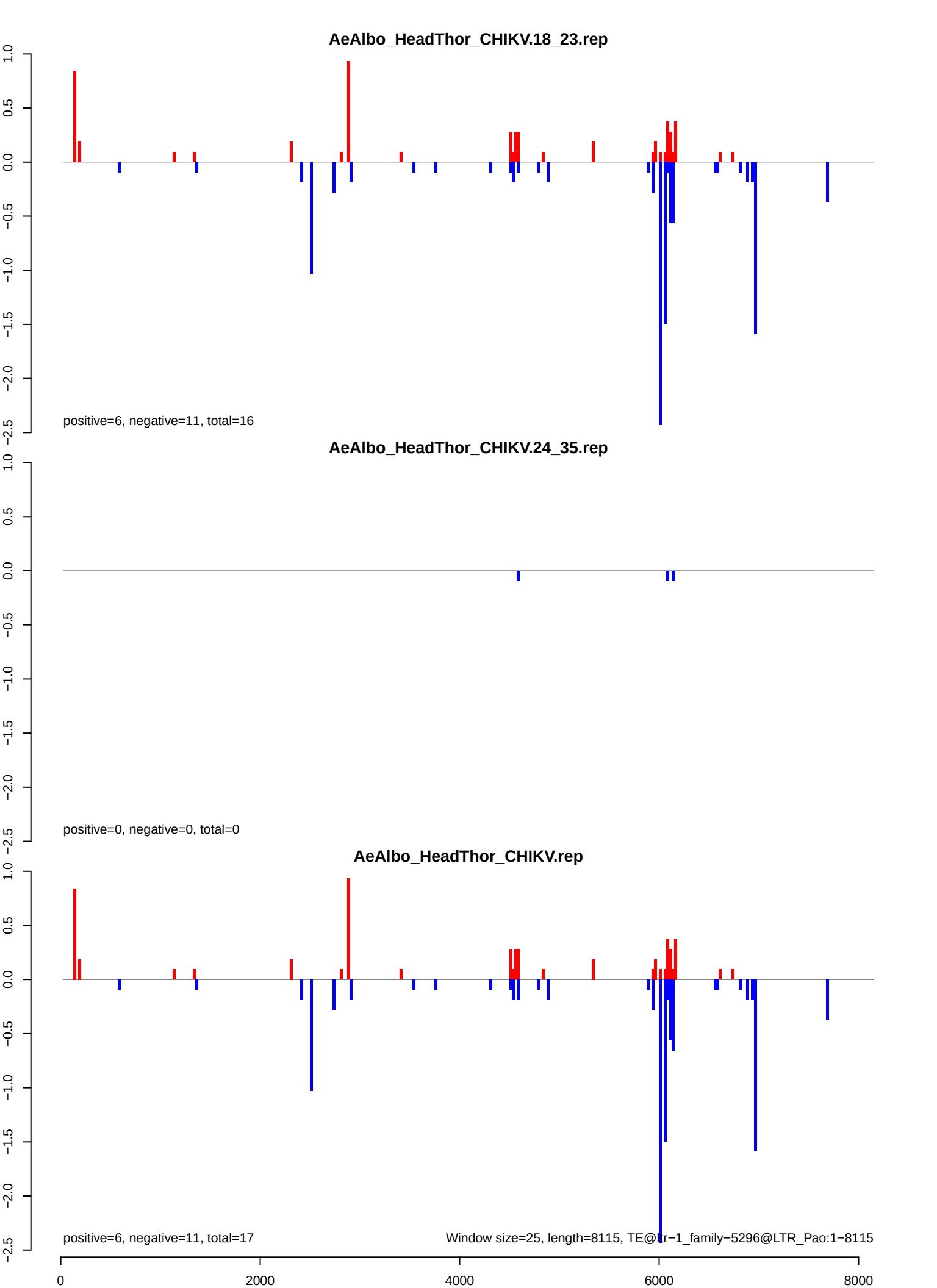

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=15, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=16, total=25
Window size=25, length=3945, TE@ltr−1_family−3914@LINE_I:1−3945
0
1000
2000
3000
4000

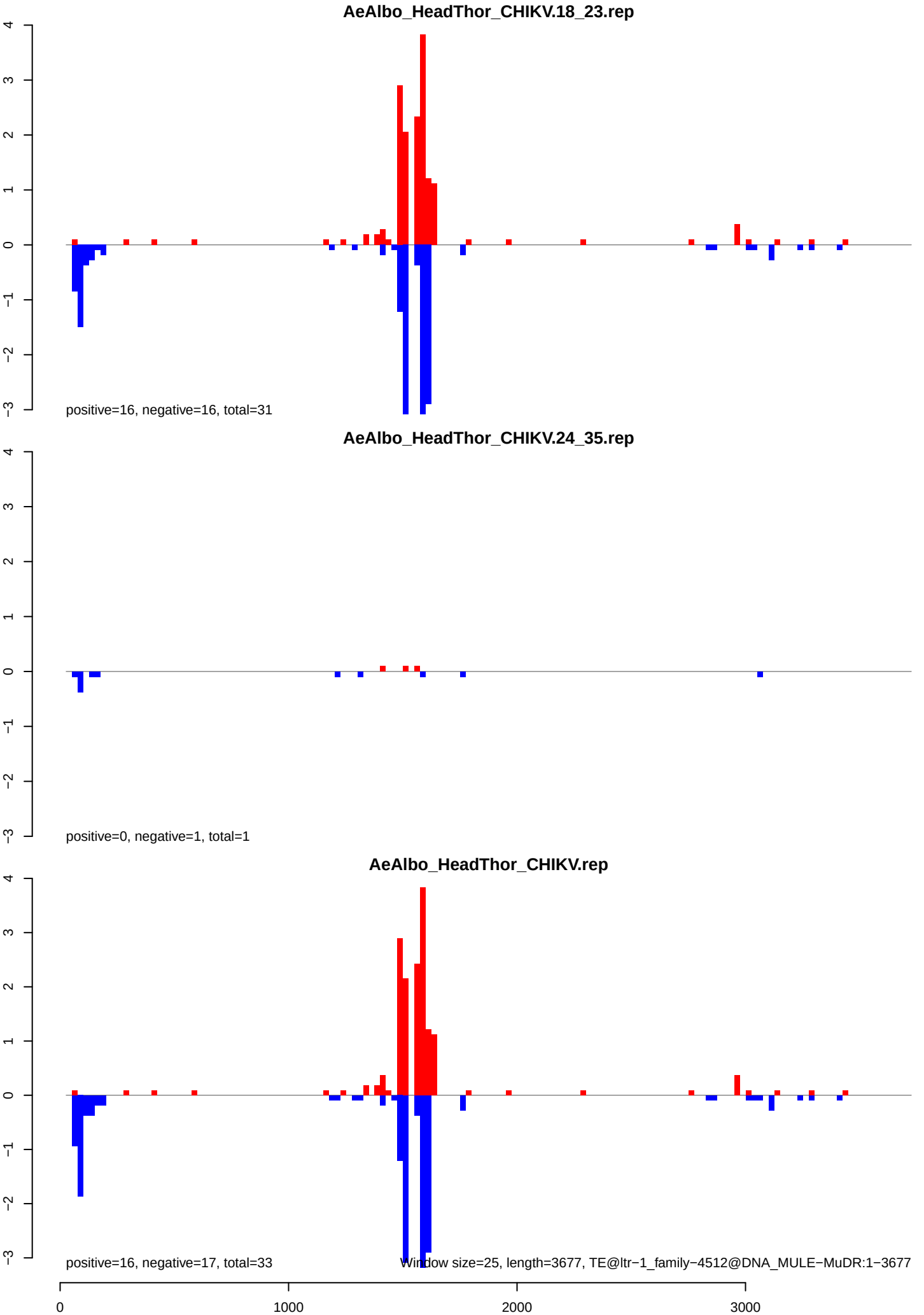

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
6
positive=10, negative=1, total=11

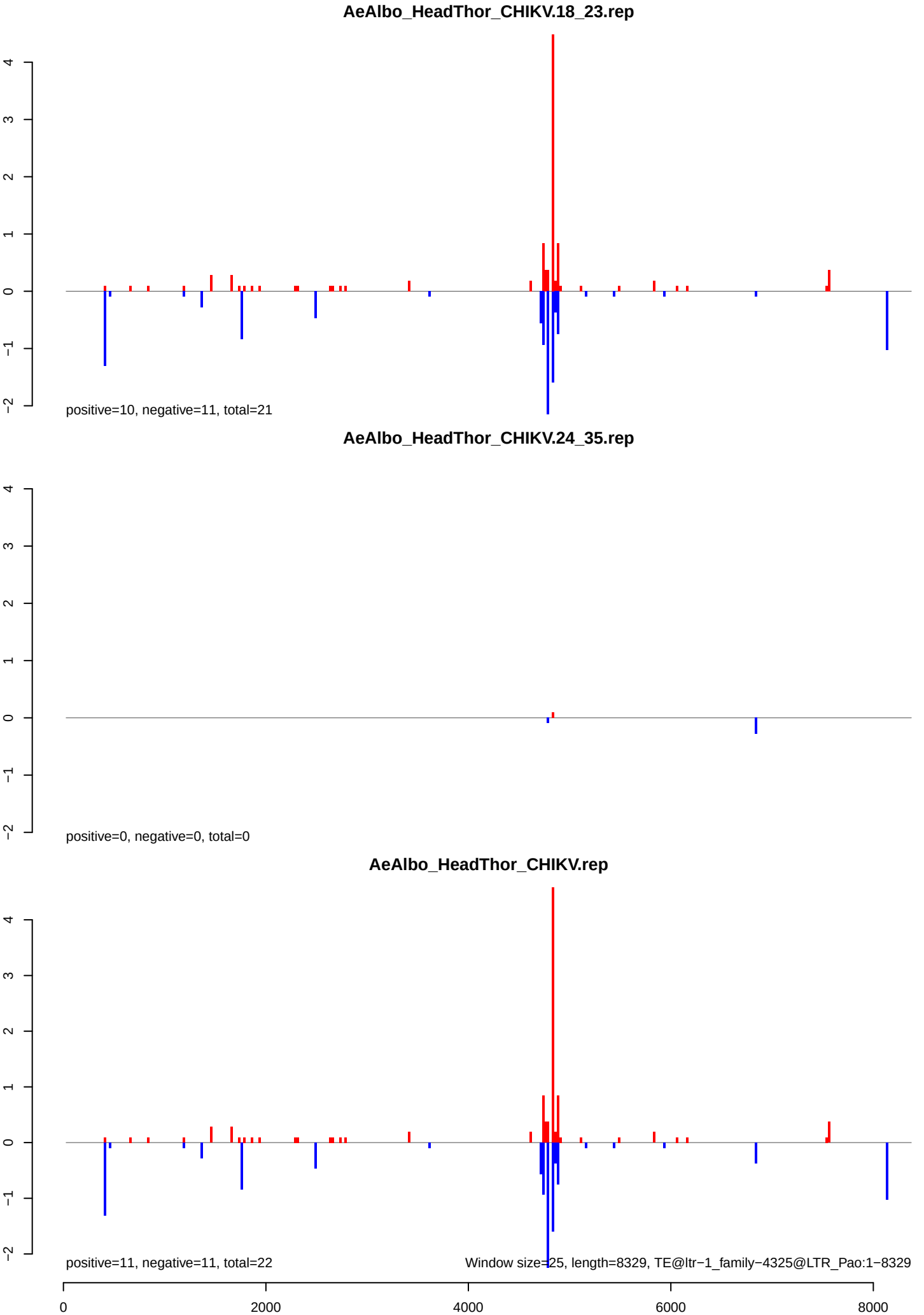

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
6
positive=1, negative=0, total=1

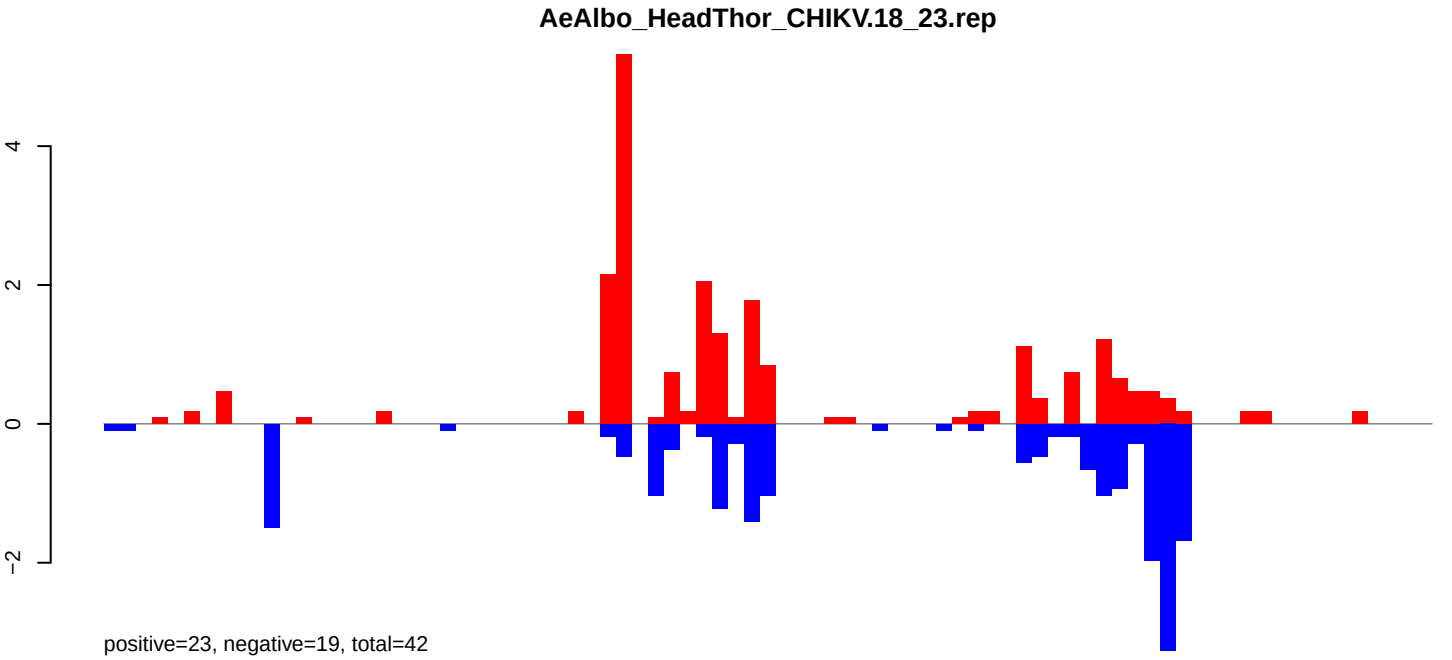

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
6
positive=11, negative=1, total=12
Window size=25, length=4180, TE@ltr−1_family−3441@LTR_Copia:1−4180
0
1000
2000
3000
4000

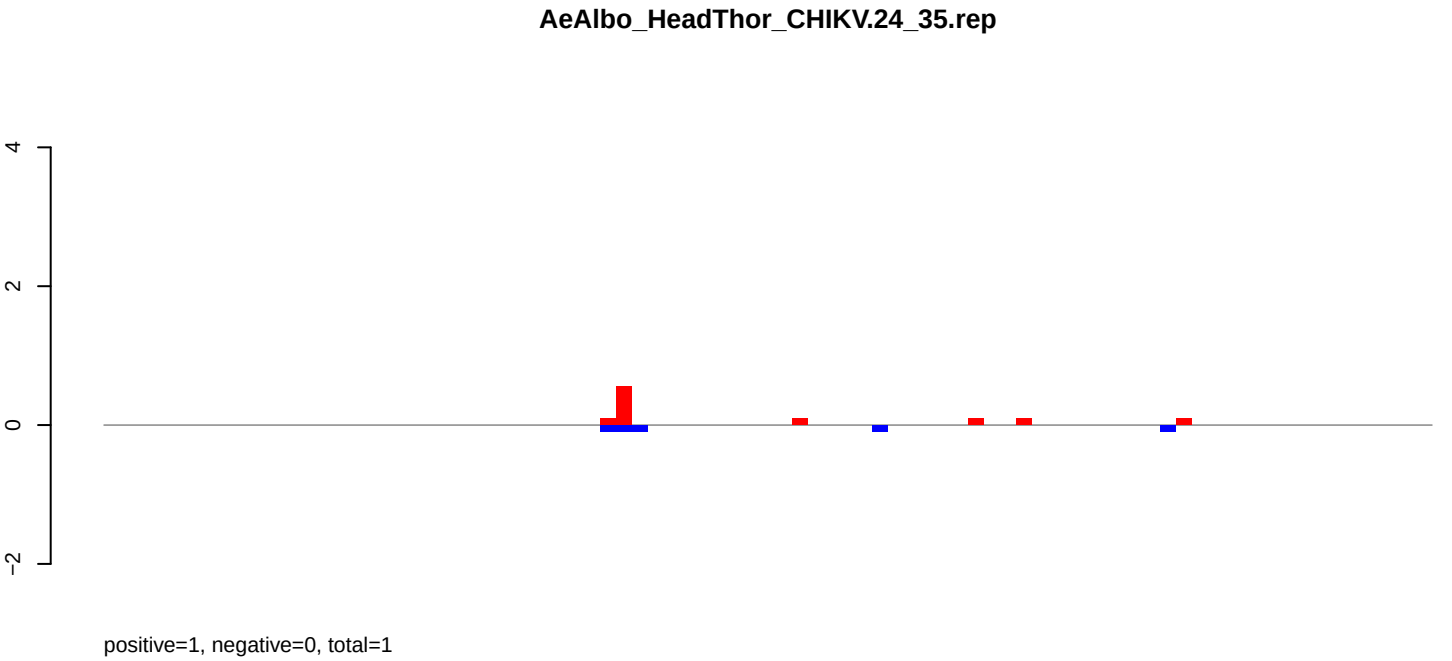

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=92, negative=89, total=180
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=93, negative=89, total=182
Window size=25, length=3019, TE@ltr−1_family−3013@LINE_RTE−BovB:1−3019
40
30
20
10
0
−10
−20
−30
0
500
1000
1500
2000
2500
3000

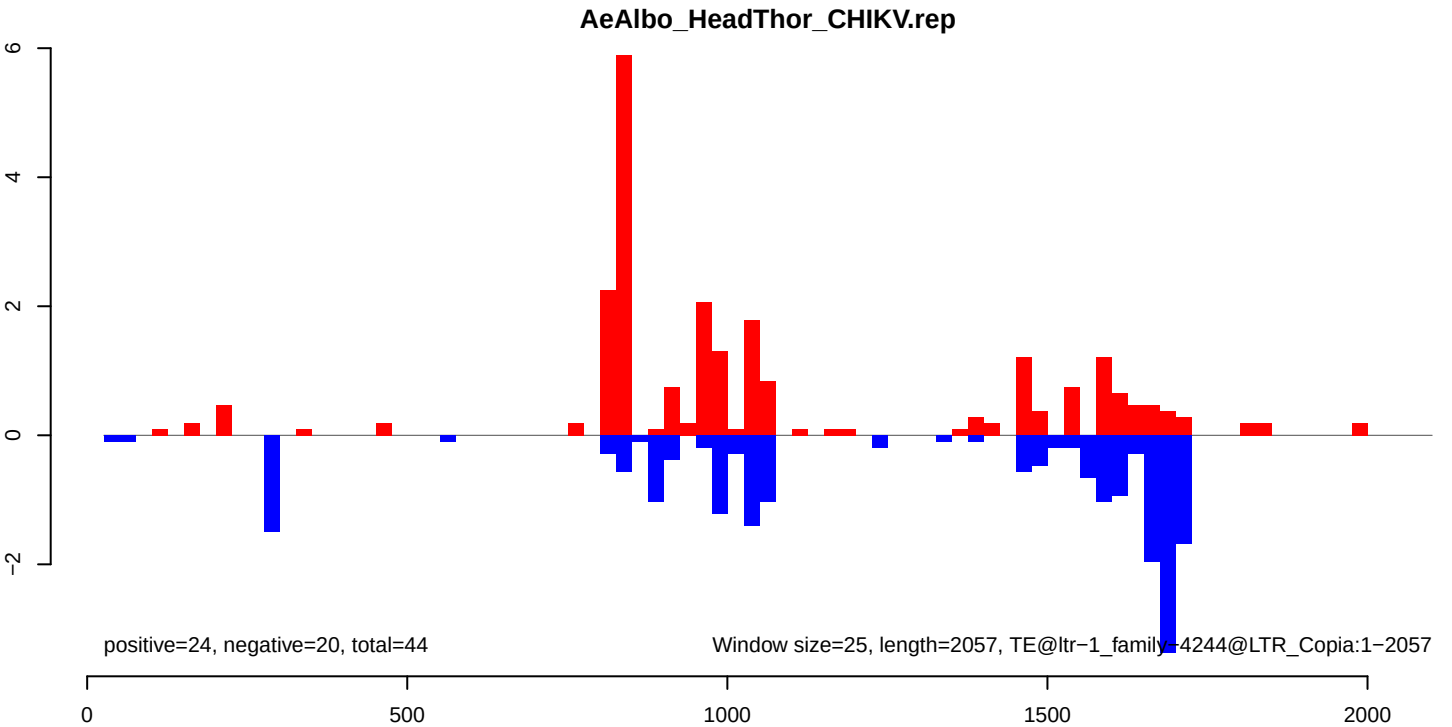

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=11, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=11, total=17
Window size=25, length=8115, TE@tr−1_family−5296@LTR_Pao:1−8115
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
0
2000
4000
6000
8000

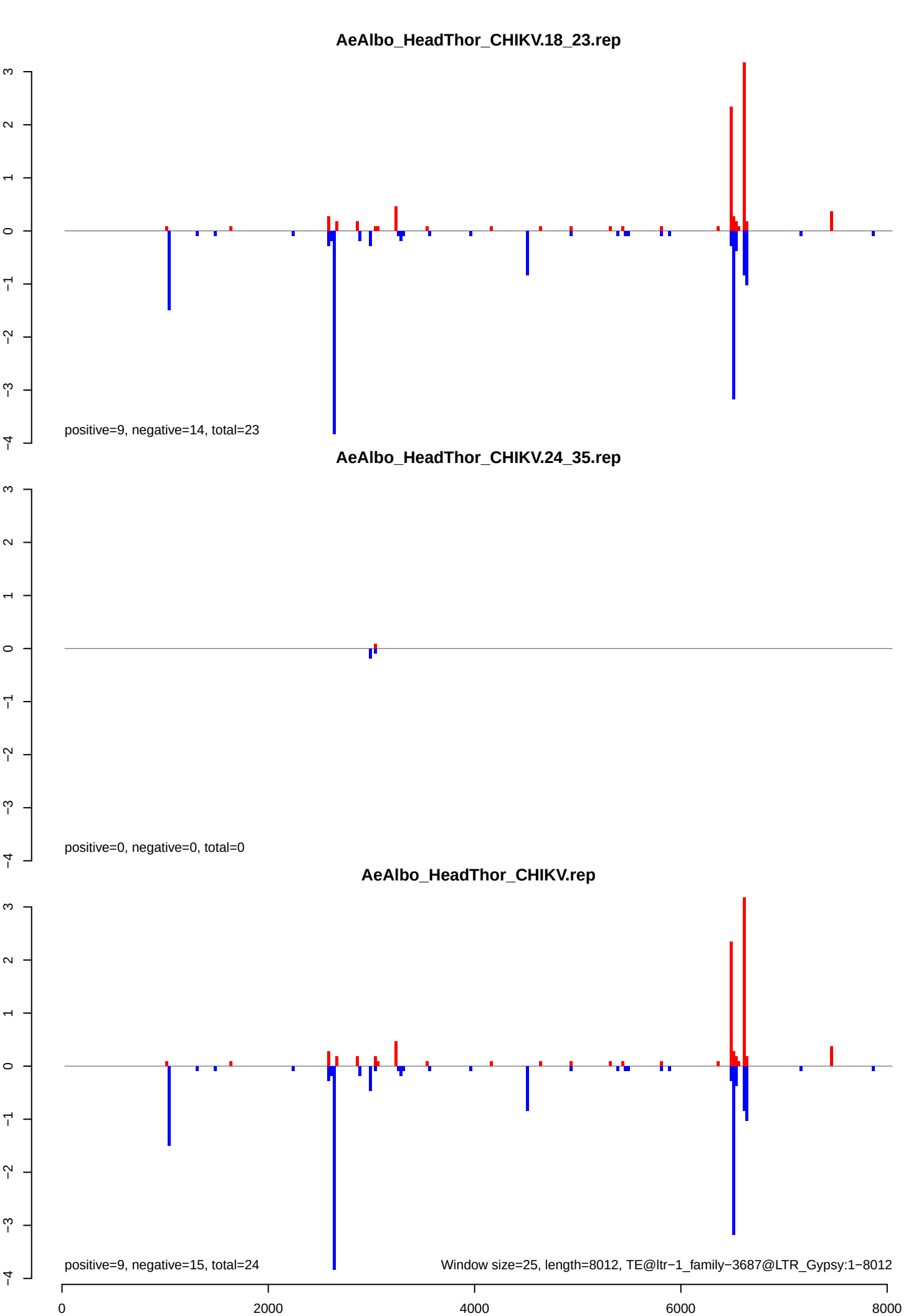

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=16, total=31
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=17, total=33
Window size=25, length=3677, TE@ltr−1_family−4512@DNA_MULE−MuDR:1−3677
4
3
2
1
0
−1
−2
−3
0
1000
2000
3000

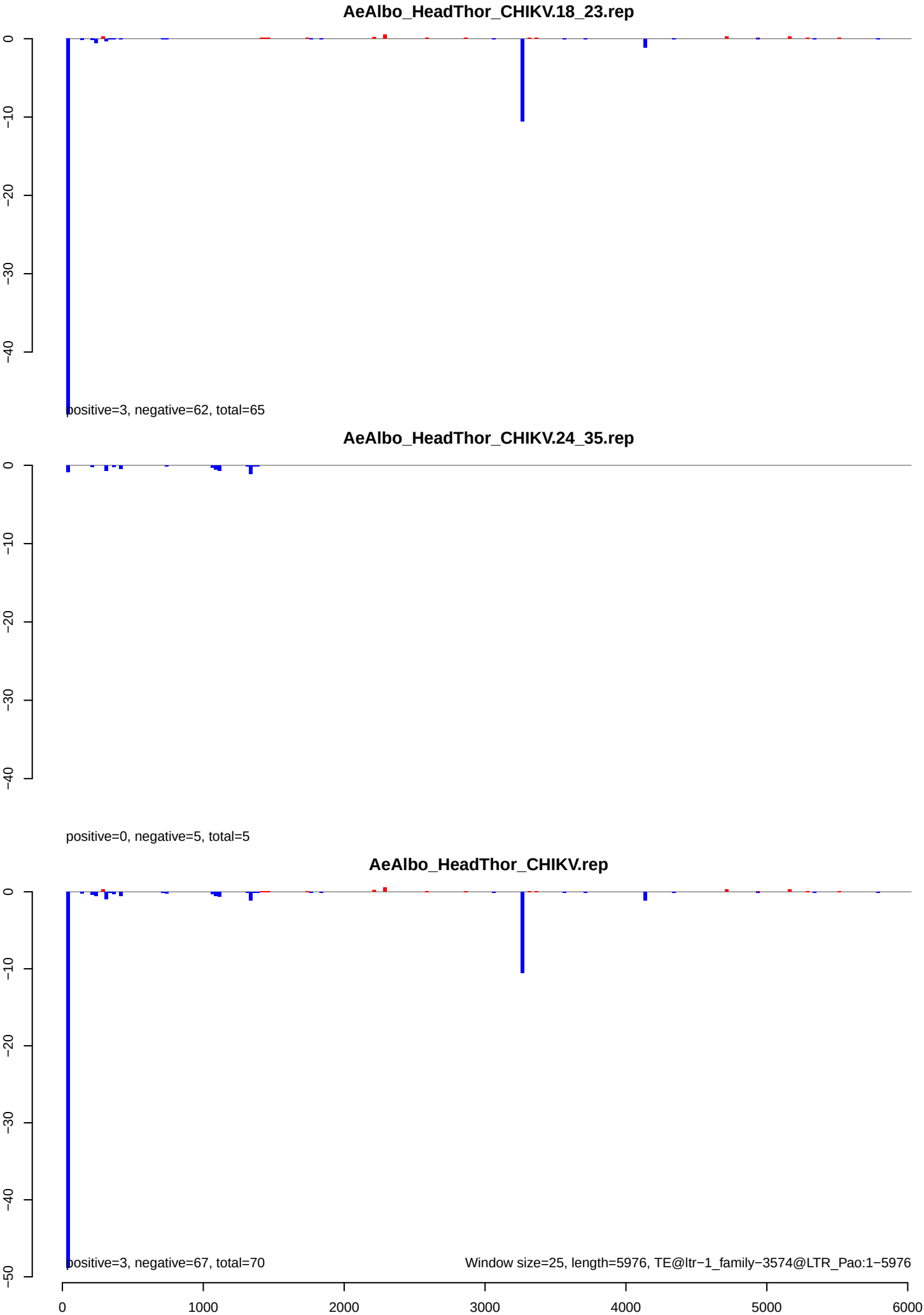

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=11, total=21
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=11, total=22
Window size=25, length=8329, TE@ltr−1_family−4325@LTR_Pao:1−8329
0
2000
4000
6000
8000

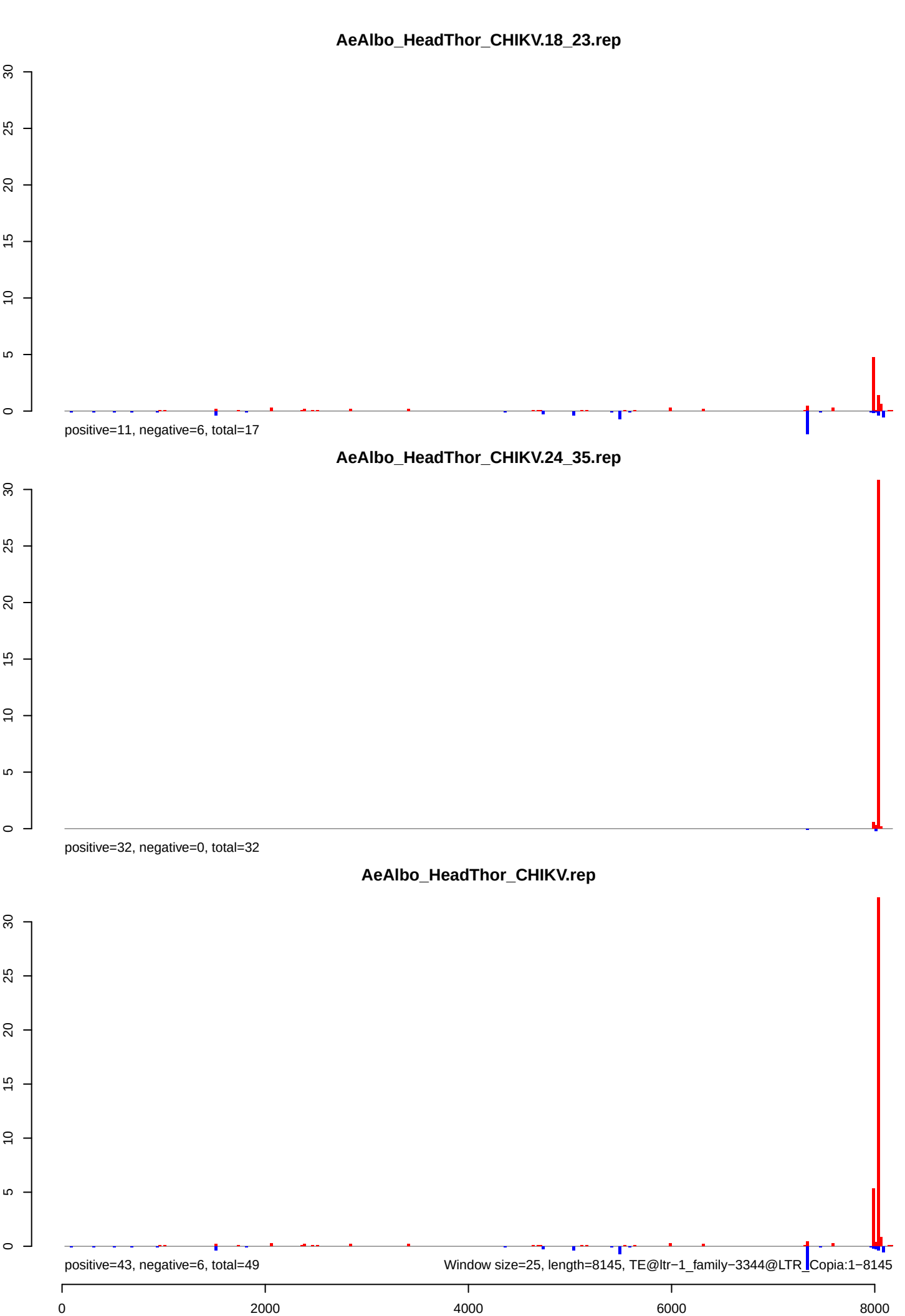

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
positive=23, negative=19, total=42

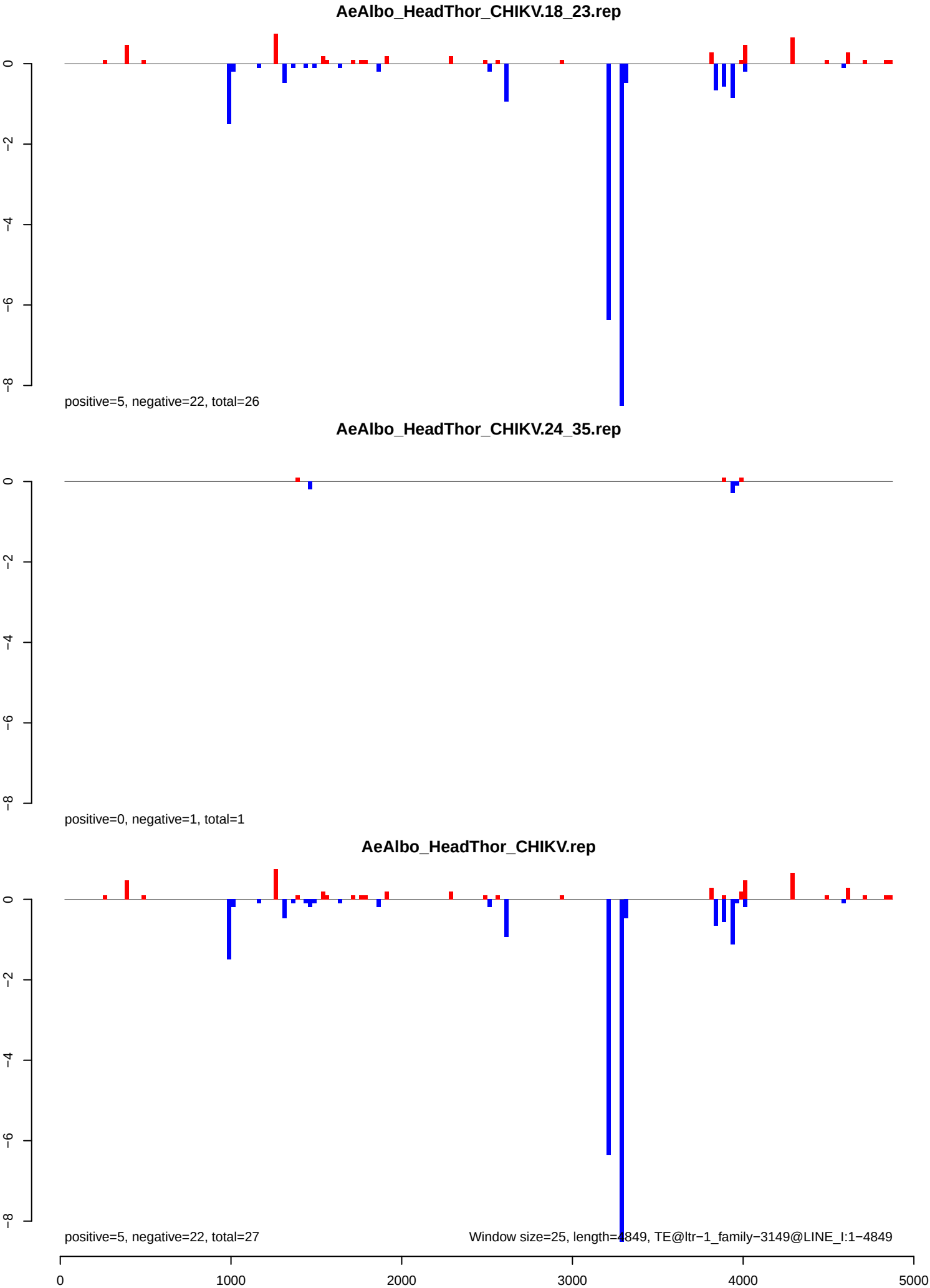

AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
positive=1, negative=0, total=1

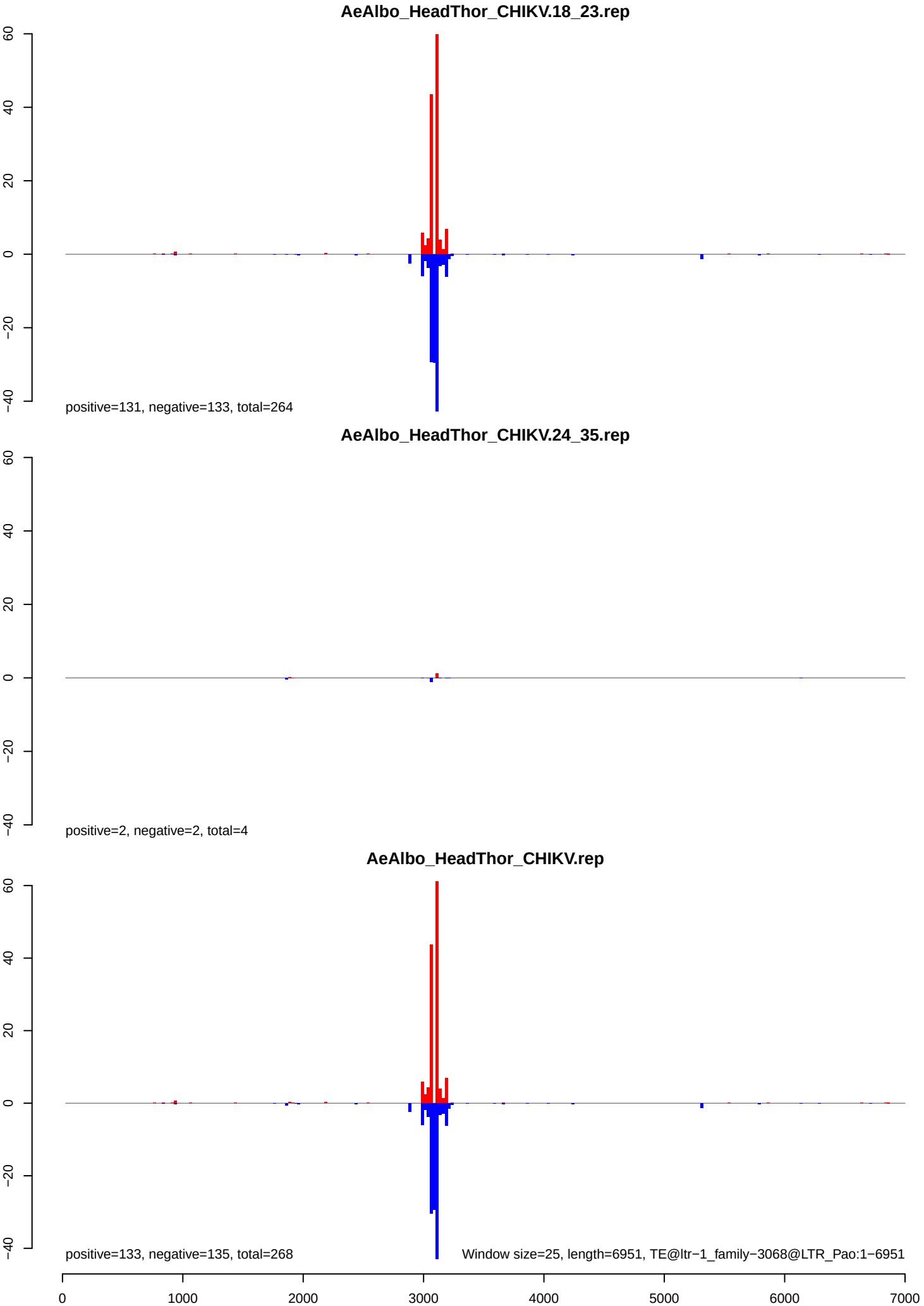

AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=24, negative=20, total=44
Window size=25, length=2057, TE@ltr−1_family−4244@LTR_Copia:1−2057
0
500
1000
1500
2000

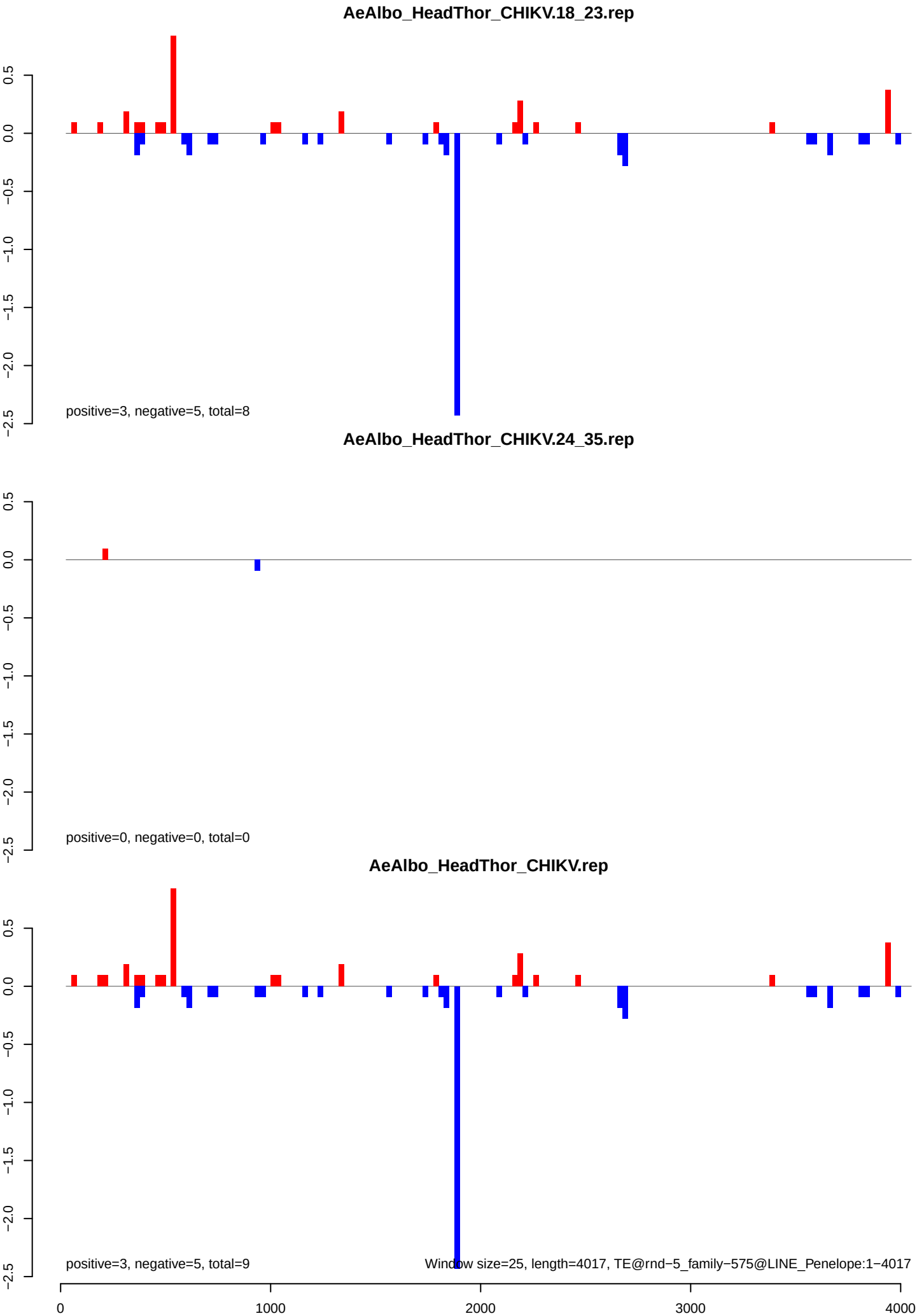

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=14, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=15, total=24
Window size=25, length=8012, TE@ltr−1_family−3687@LTR_Gypsy:1−8012
3
2
1
0
−1
−2
−3
−4
0
2000
4000
6000
8000

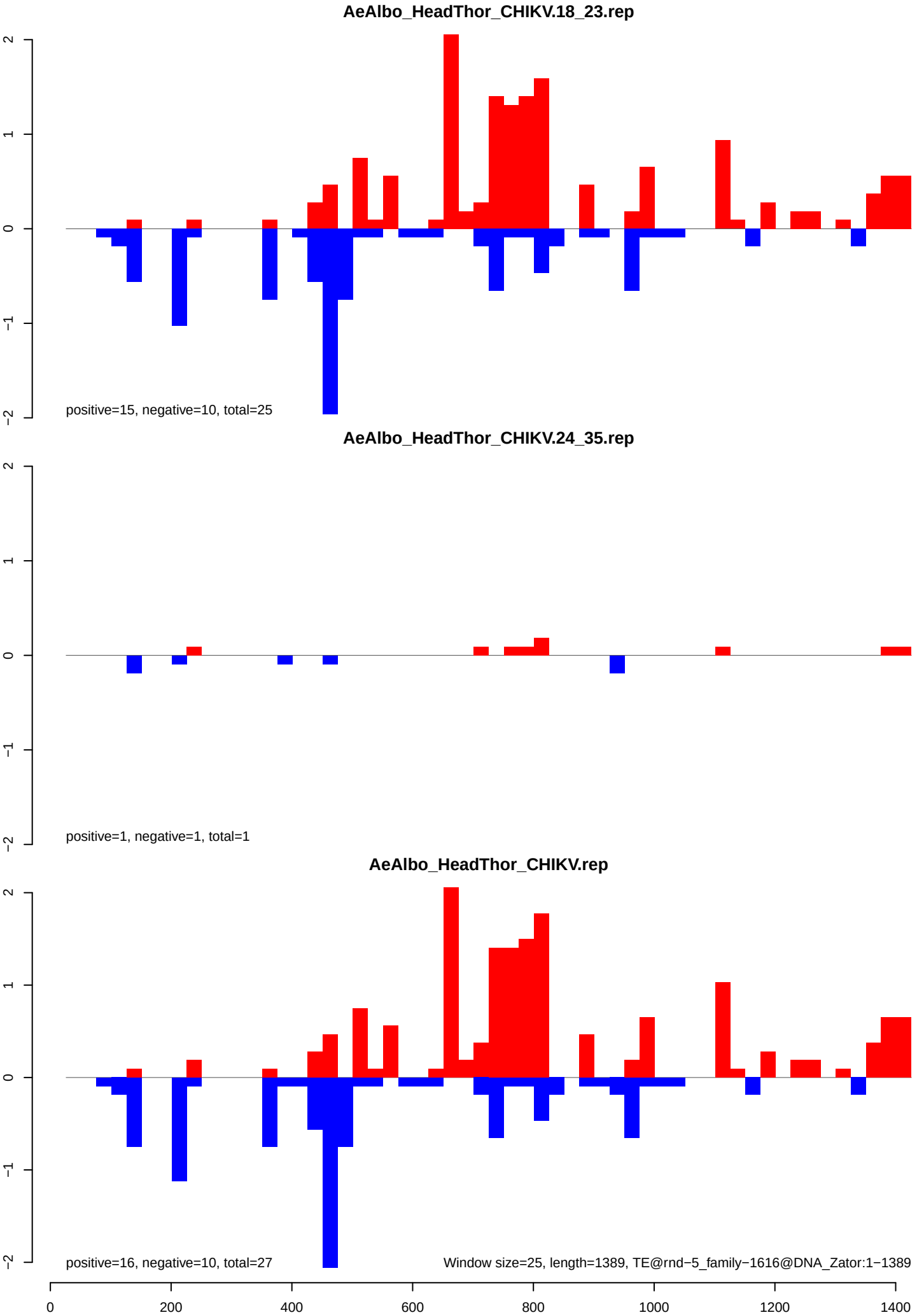

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=3, negative=62, total=65
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
positive=3, negative=67, total=70
Window size=25, length=5976, TE@ltr−1_family−3574@LTR_Pao:1−5976
0
1000
2000
3000
4000
5000
6000

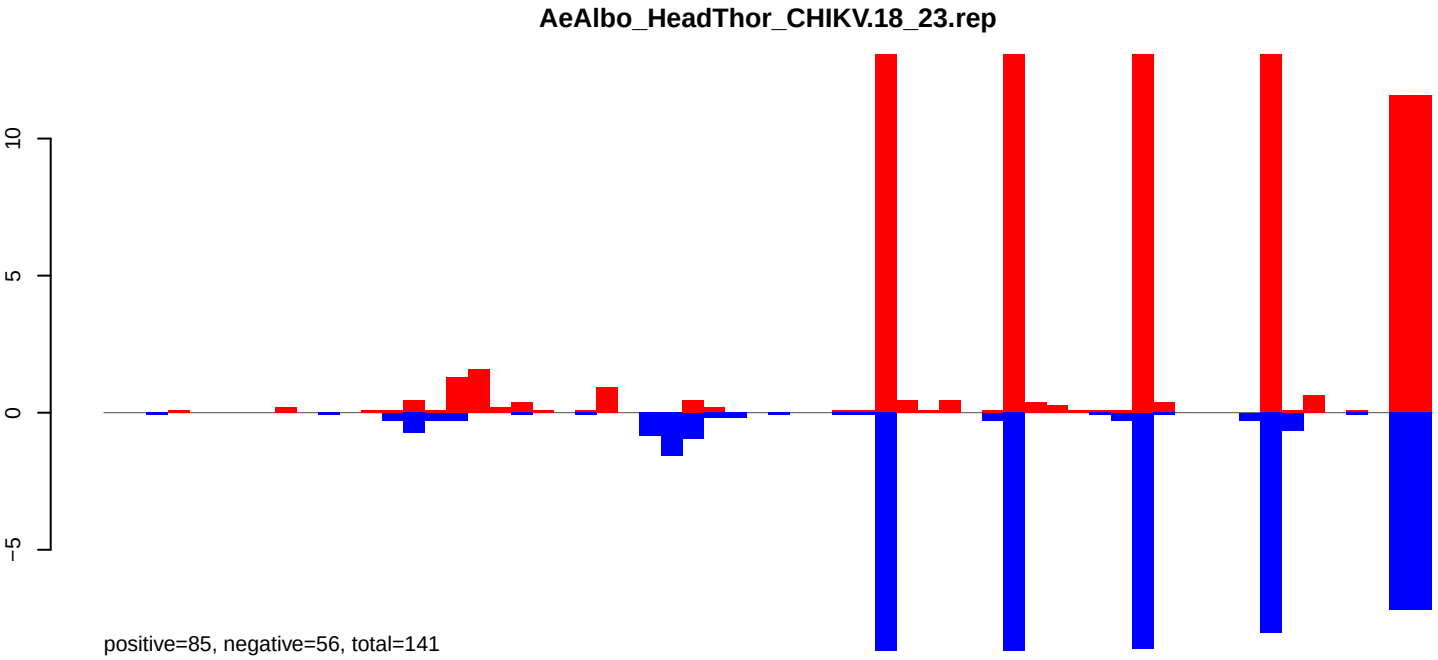

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
25
30
positive=11, negative=6, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
25
30
positive=32, negative=0, total=32
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
25
30
positive=43, negative=6, total=49
Window size=25, length=8145, TE@ltr−1_family−3344@LTR_Copia:1−8145
0
2000
4000
6000
8000

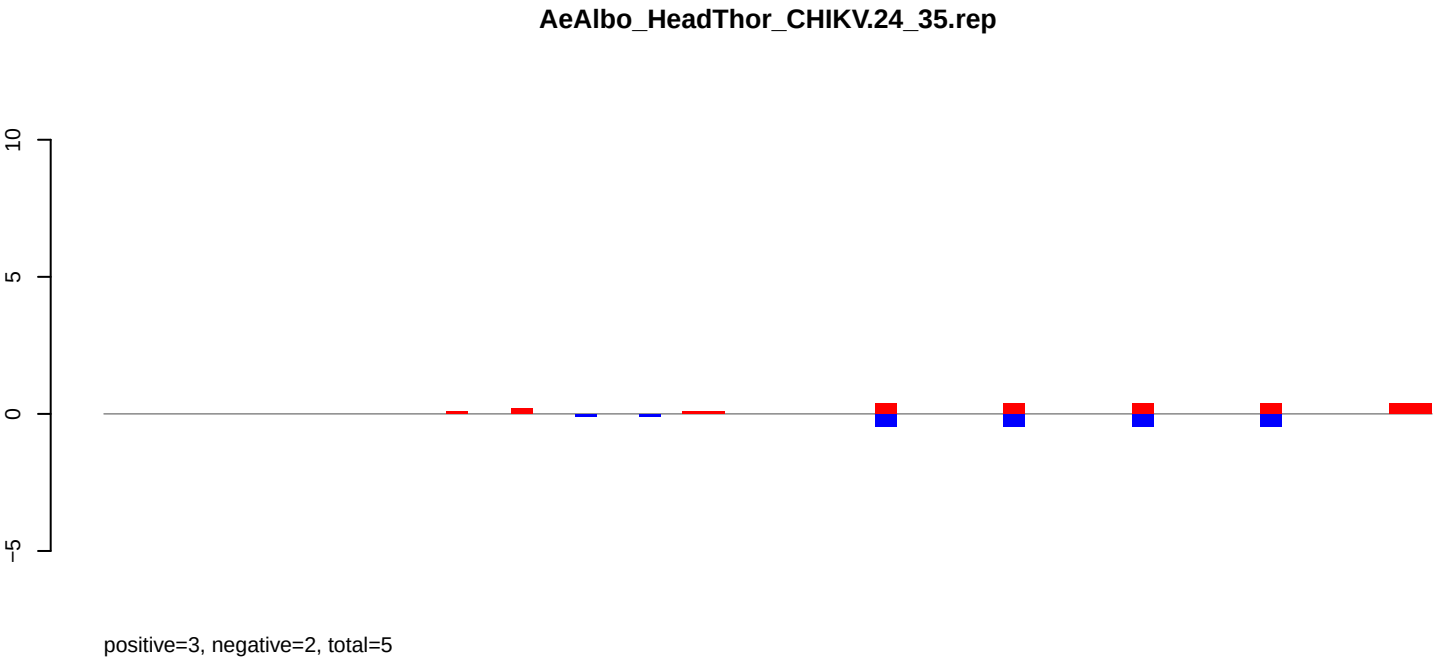

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=5, negative=22, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=5, negative=22, total=27
Window size=25, length=4849, TE@ltr−1_family−3149@LINE_I:1−4849
0
1000
2000
3000
4000
5000

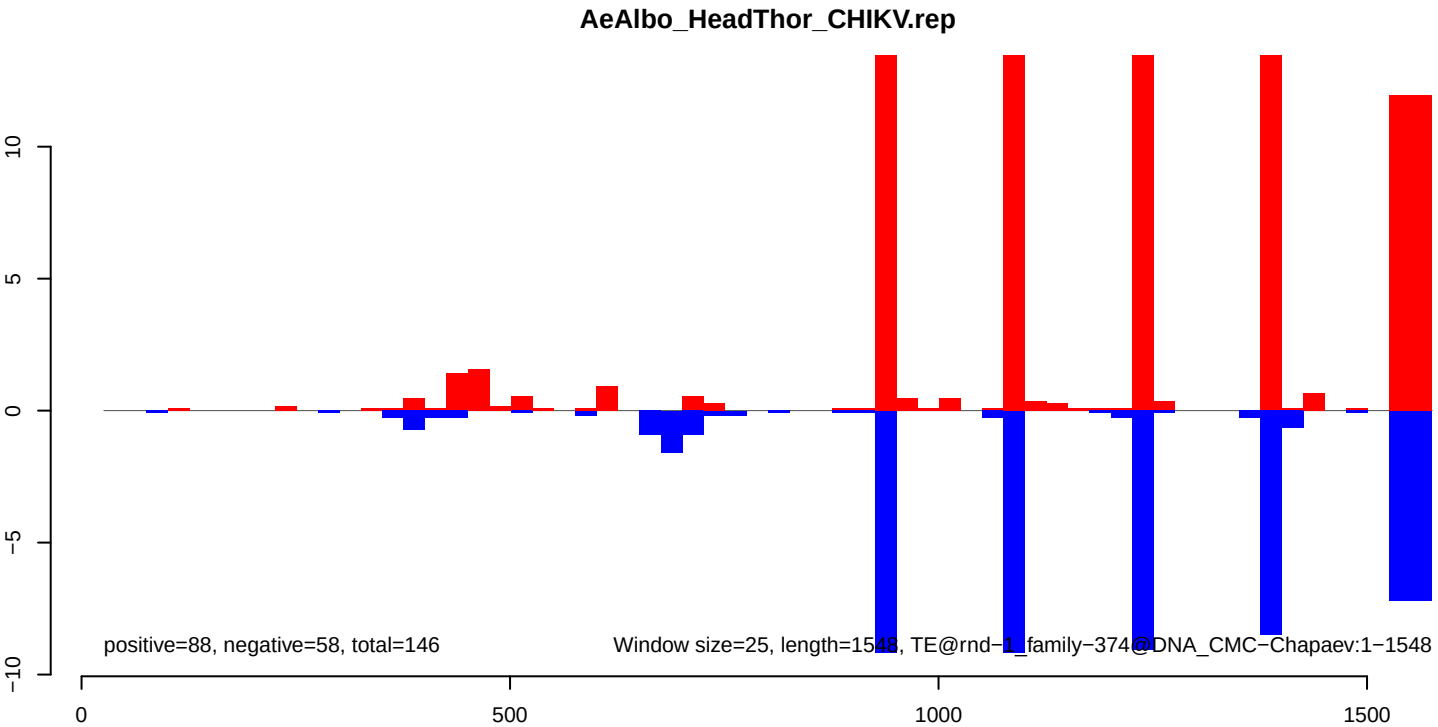

AeAlbo_HeadThor_CHIKV.18_23.rep
60
40
20
0
−20
−40
positive=131, negative=133, total=264
AeAlbo_HeadThor_CHIKV.24_35.rep
60
40
20
0
−20
−40
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
60
40
20
0
−20
−40
positive=133, negative=135, total=268
Window size=25, length=6951, TE@ltr−1_family−3068@LTR_Pao:1−6951
0
1000
2000
3000
4000
5000
6000
7000

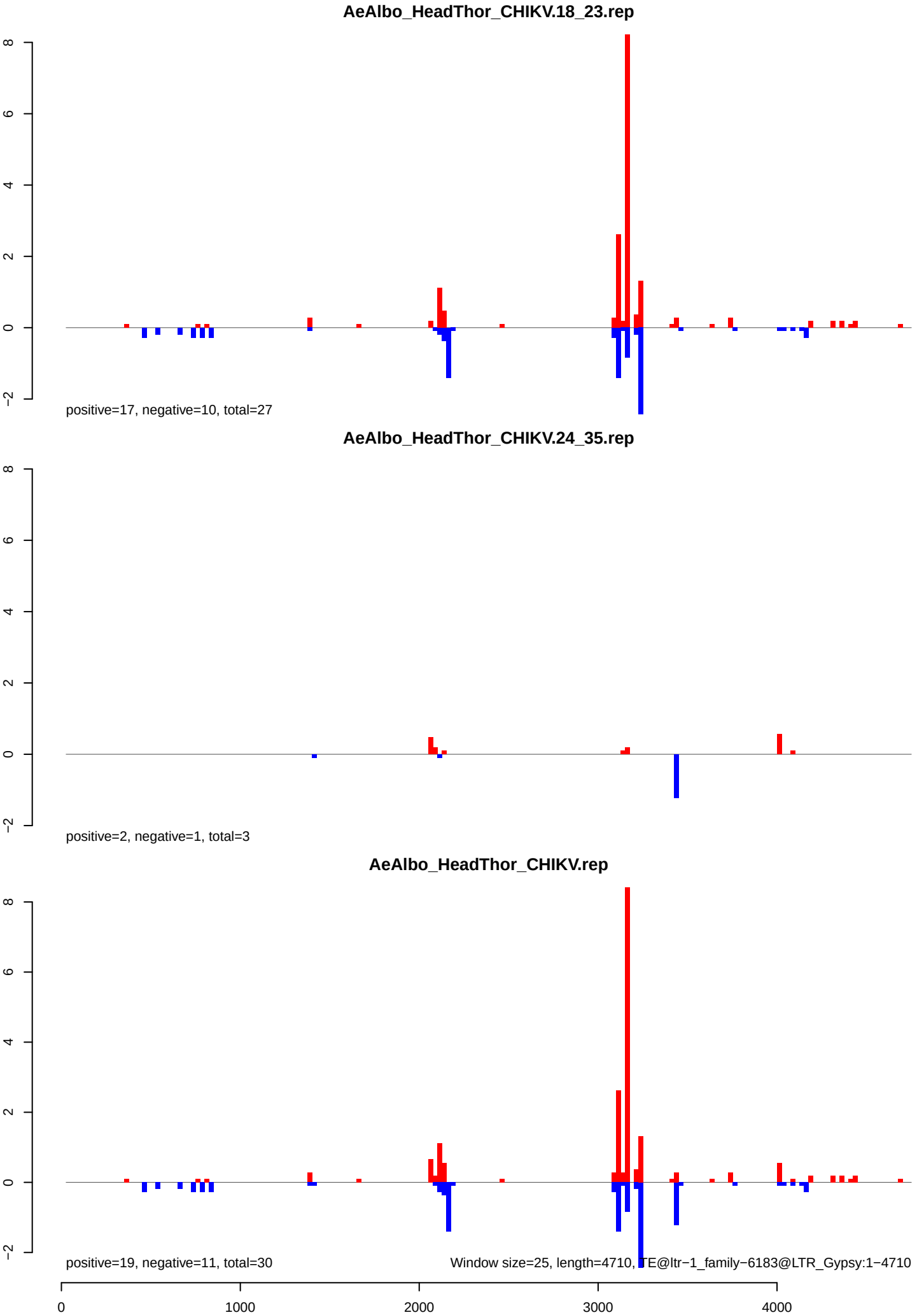

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=5, total=9
Window size=25, length=4017, TE@rnd−5_family−575@LINE_Penelope:1−4017
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
0
1000
2000
3000
4000

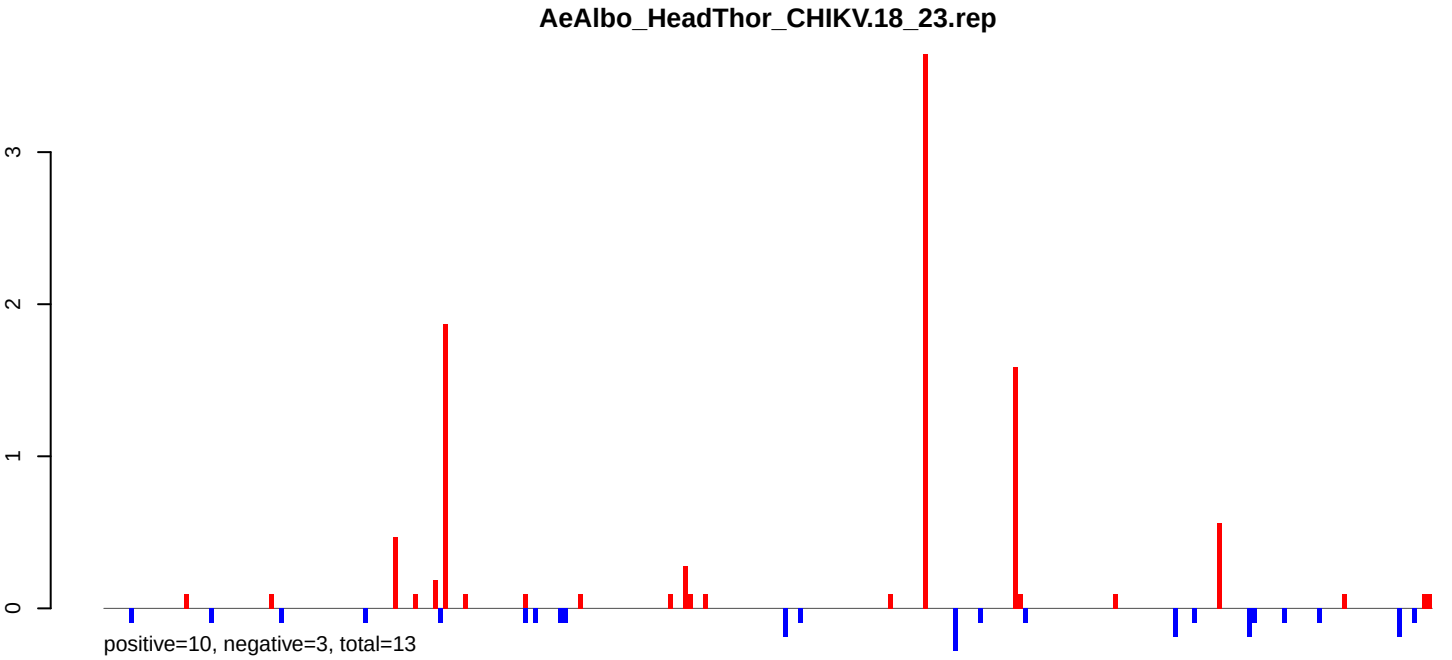

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=15, negative=10, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=10, total=27
Window size=25, length=1389, TE@rnd−5_family−1616@DNA_Zator:1−1389
2
1
0
−1
−2
0
200
400
600
800
1000
1200
1400

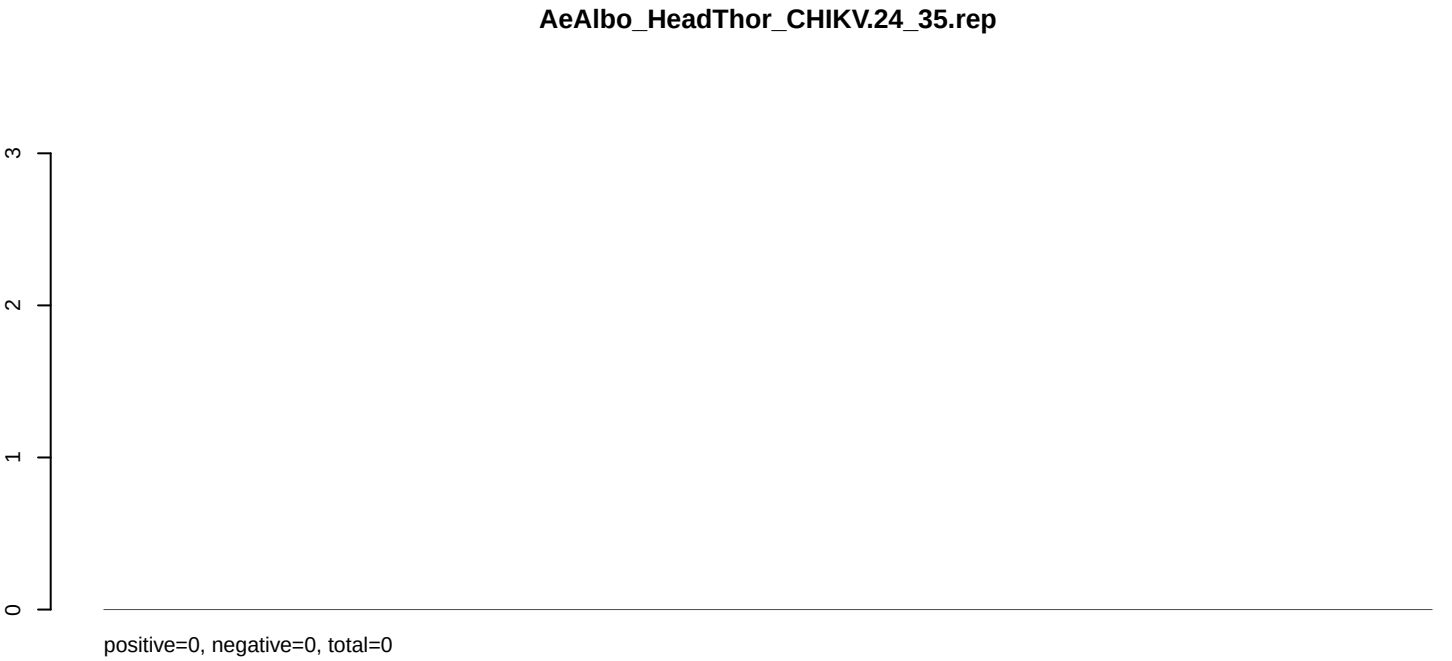

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=85, negative=56, total=141

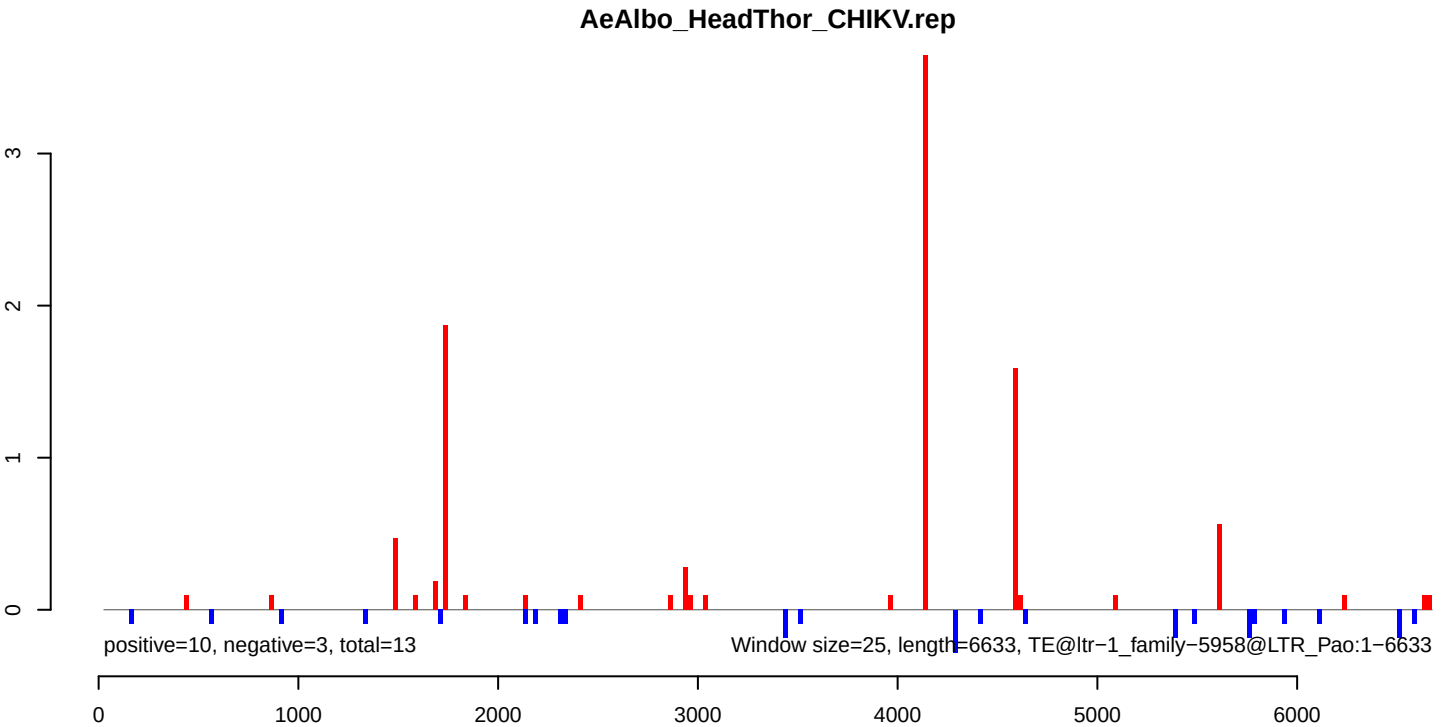

AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=3, negative=2, total=5

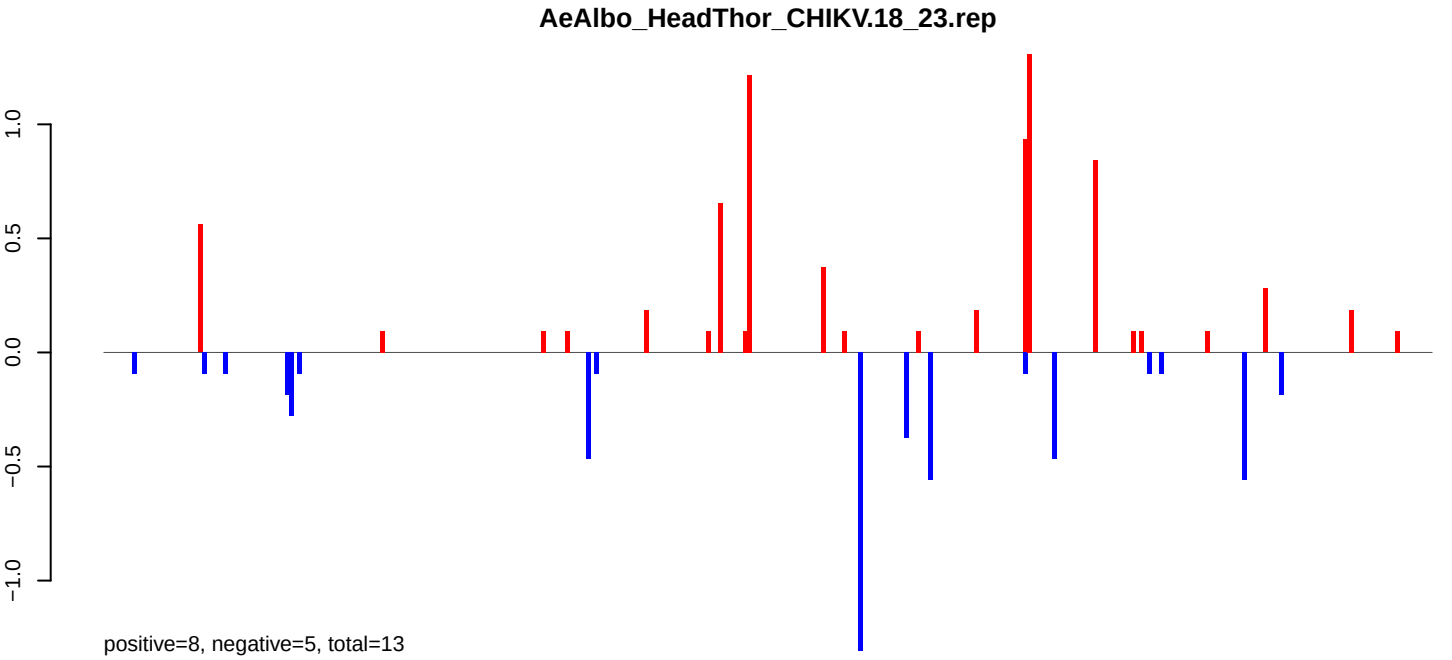

AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
−10
positive=88, negative=58, total=146
Window size=25, length=1548, TE@rnd−1_family−374@DNA_CMC−Chapaev:1−1548
0
500
1000
1500

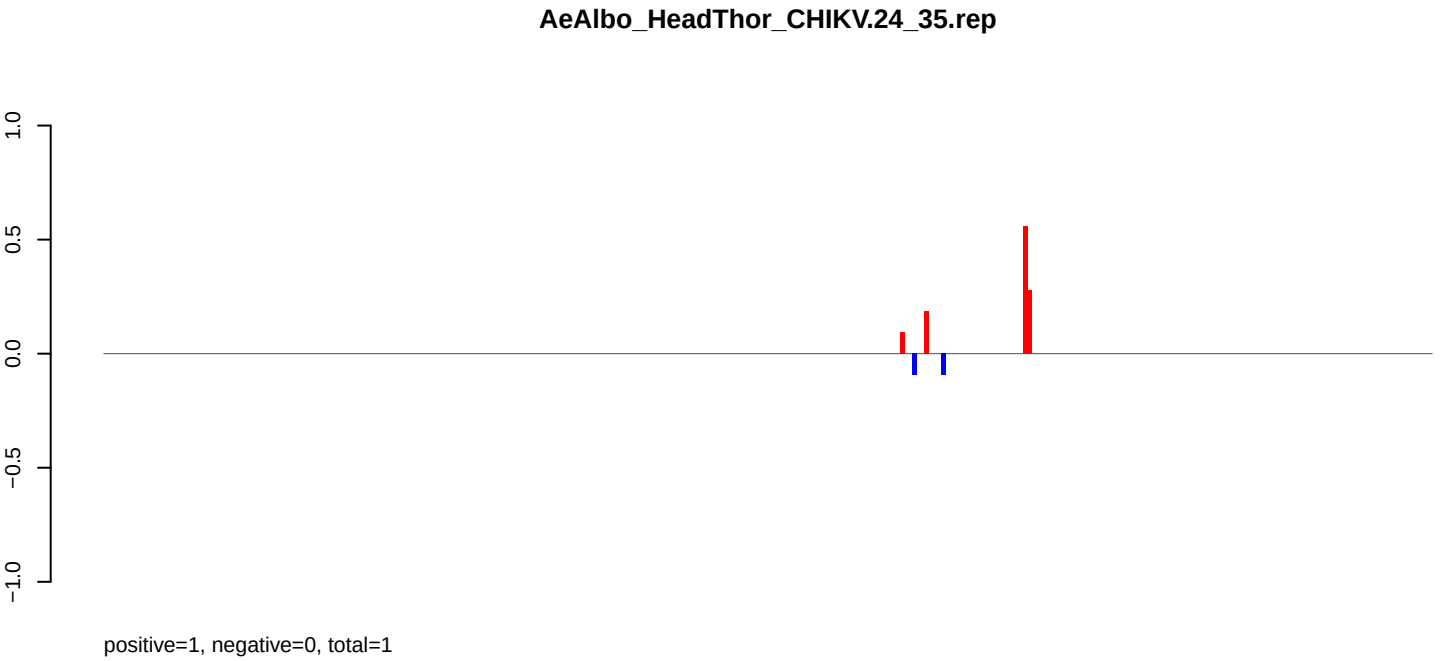

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=17, negative=10, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=11, total=30
Window size=25, length=4710, TE@ltr−1_family−6183@LTR_Gypsy:1−4710
0
1000
2000
3000
4000

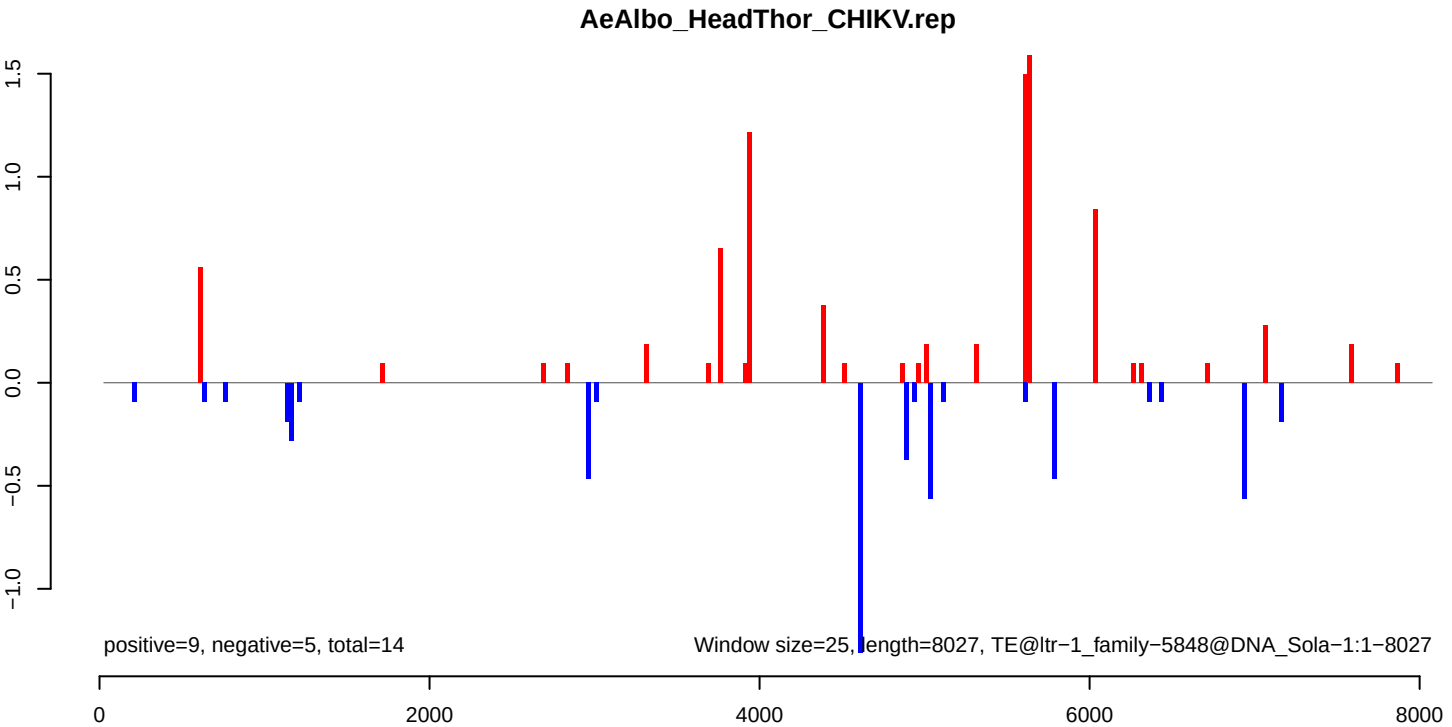

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=10, negative=3, total=13

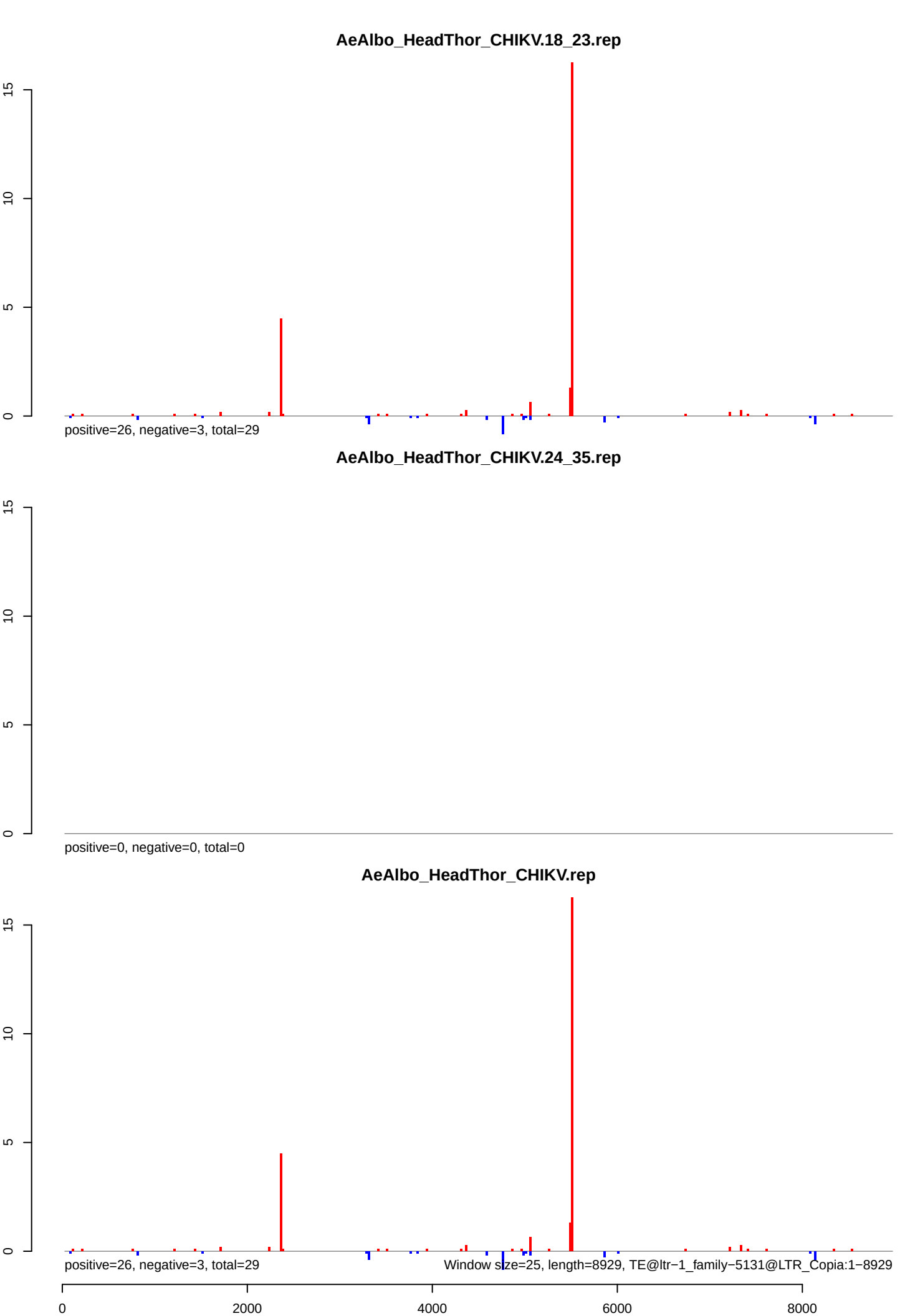

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=0, negative=0, total=0

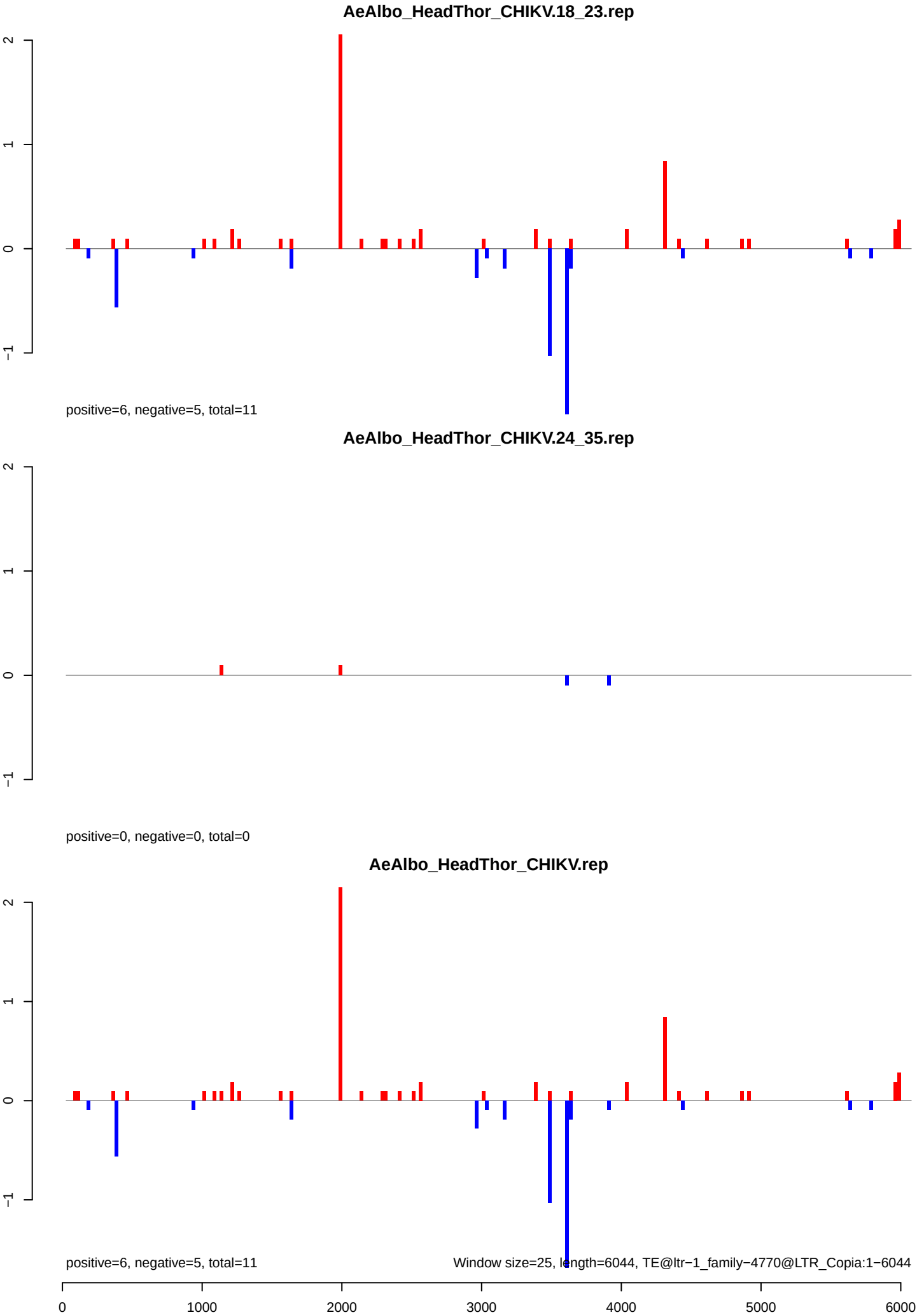

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=10, negative=3, total=13
Window size=25, length=6633, TE@ltr−1_family−5958@LTR_Pao:1−6633
0
1000
2000
3000
4000
5000
6000

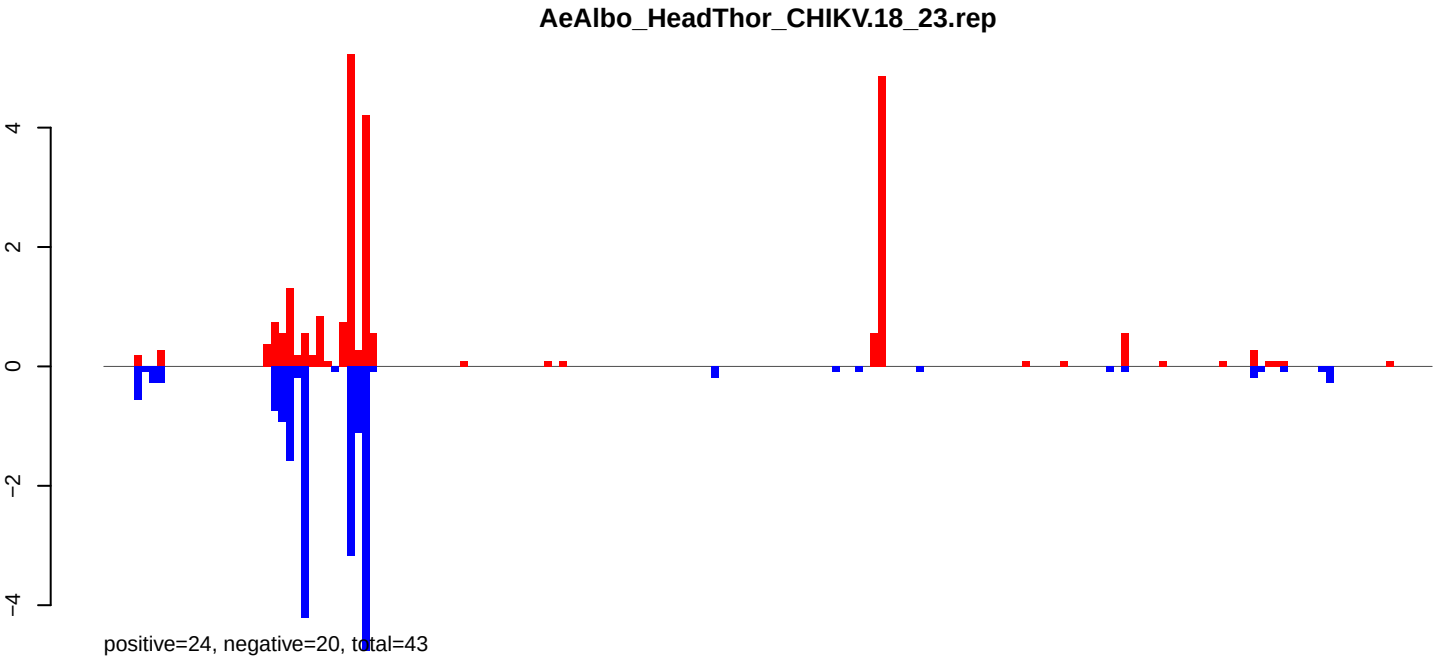

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=8, negative=5, total=13

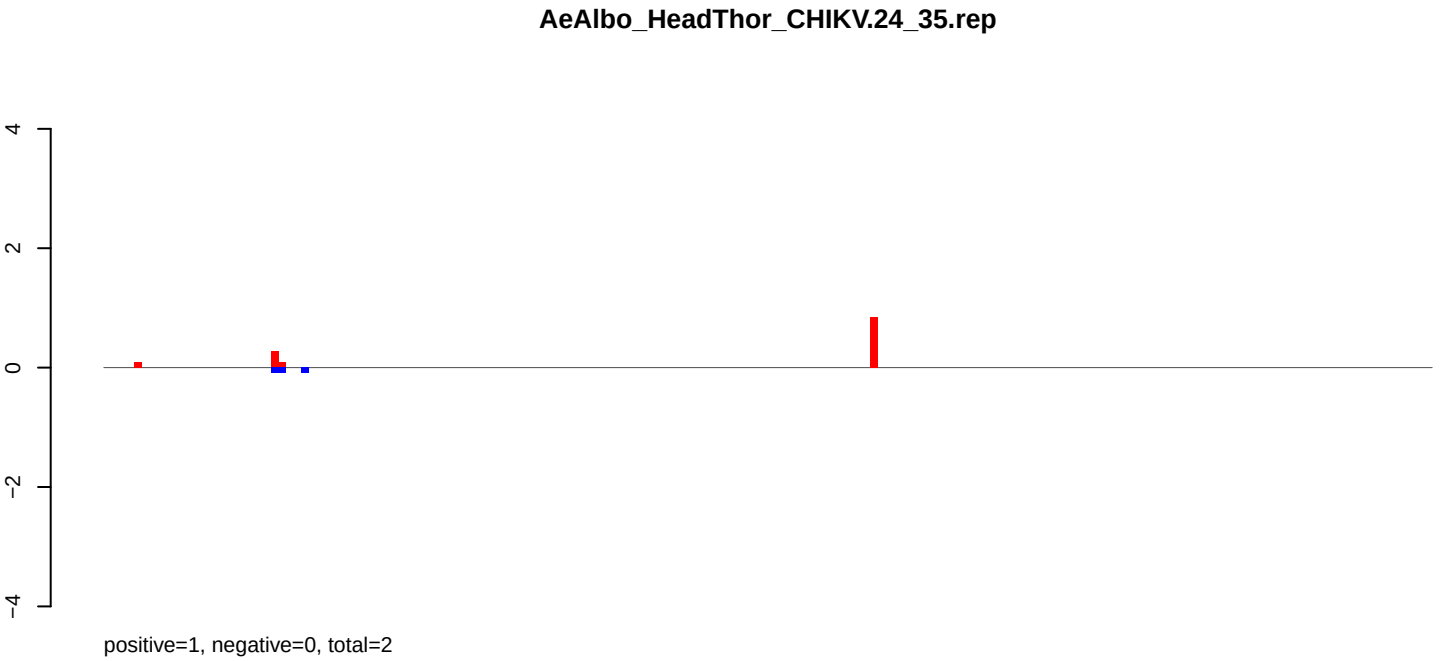

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=1, negative=0, total=1

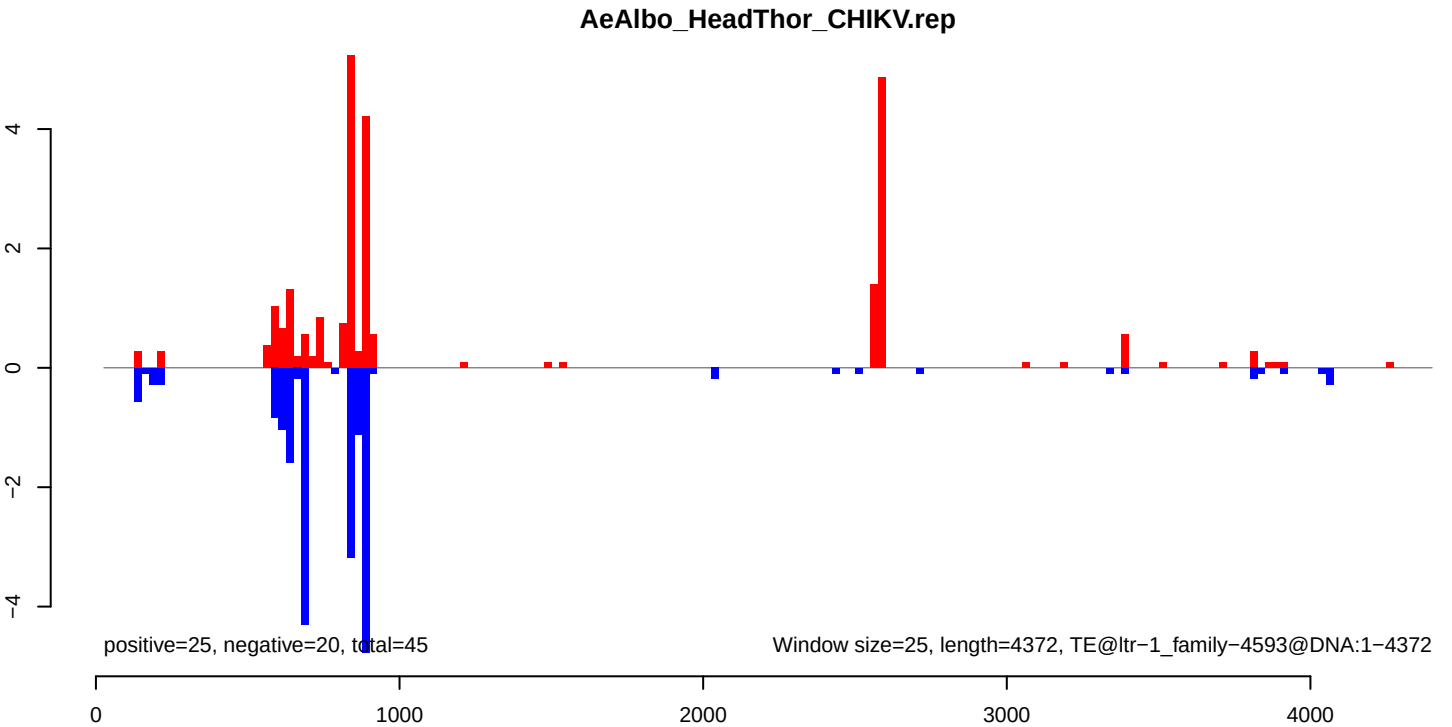

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=9, negative=5, total=14
Window size=25, length=8027, TE@ltr−1_family−5848@DNA_Sola−1:1−8027
0
2000
4000
6000
8000

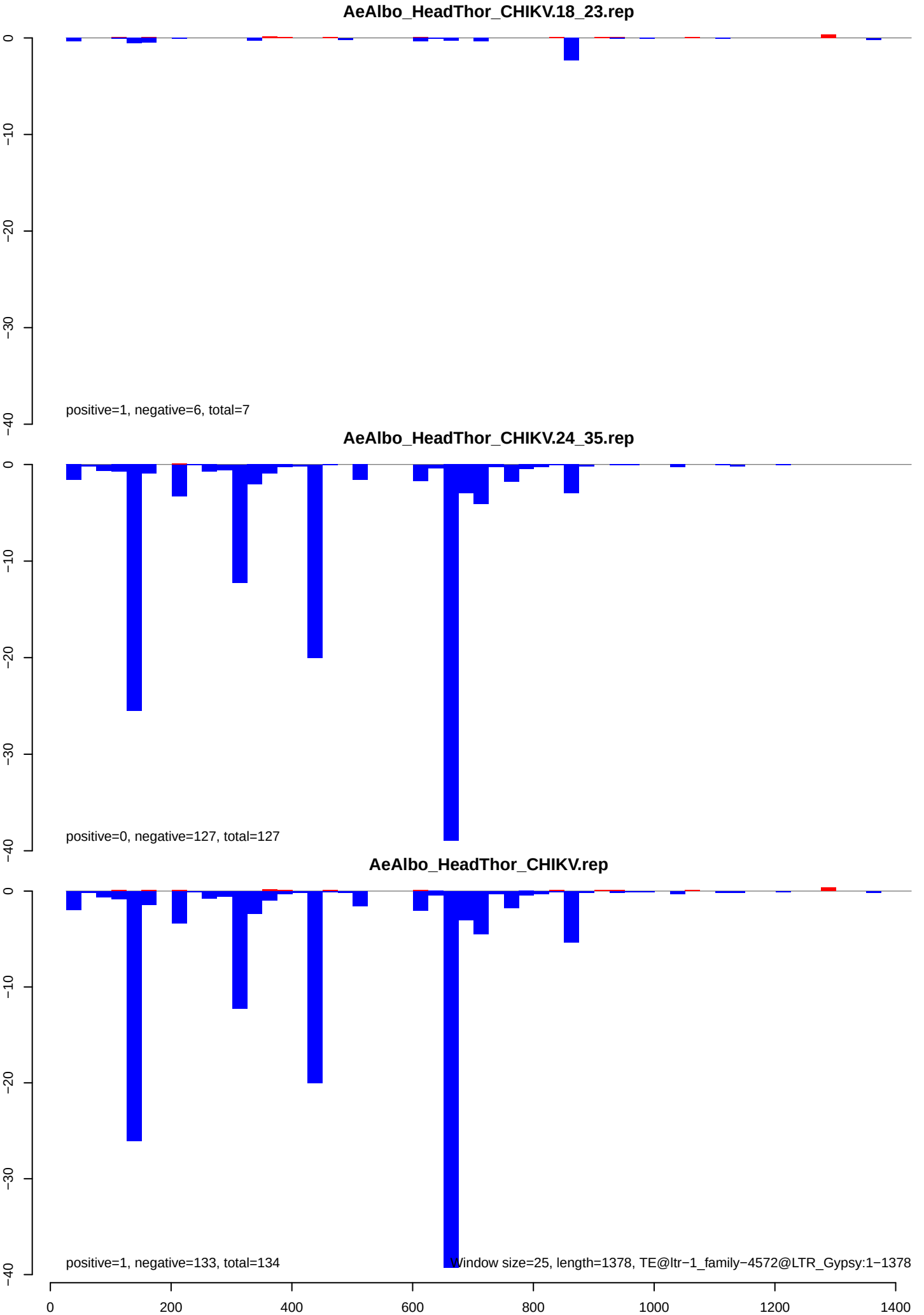

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=26, negative=3, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
positive=26, negative=3, total=29
Window size=25, length=8929, TE@ltr−1_family−5131@LTR_Copia:1−8929
0
2000
4000
6000
8000

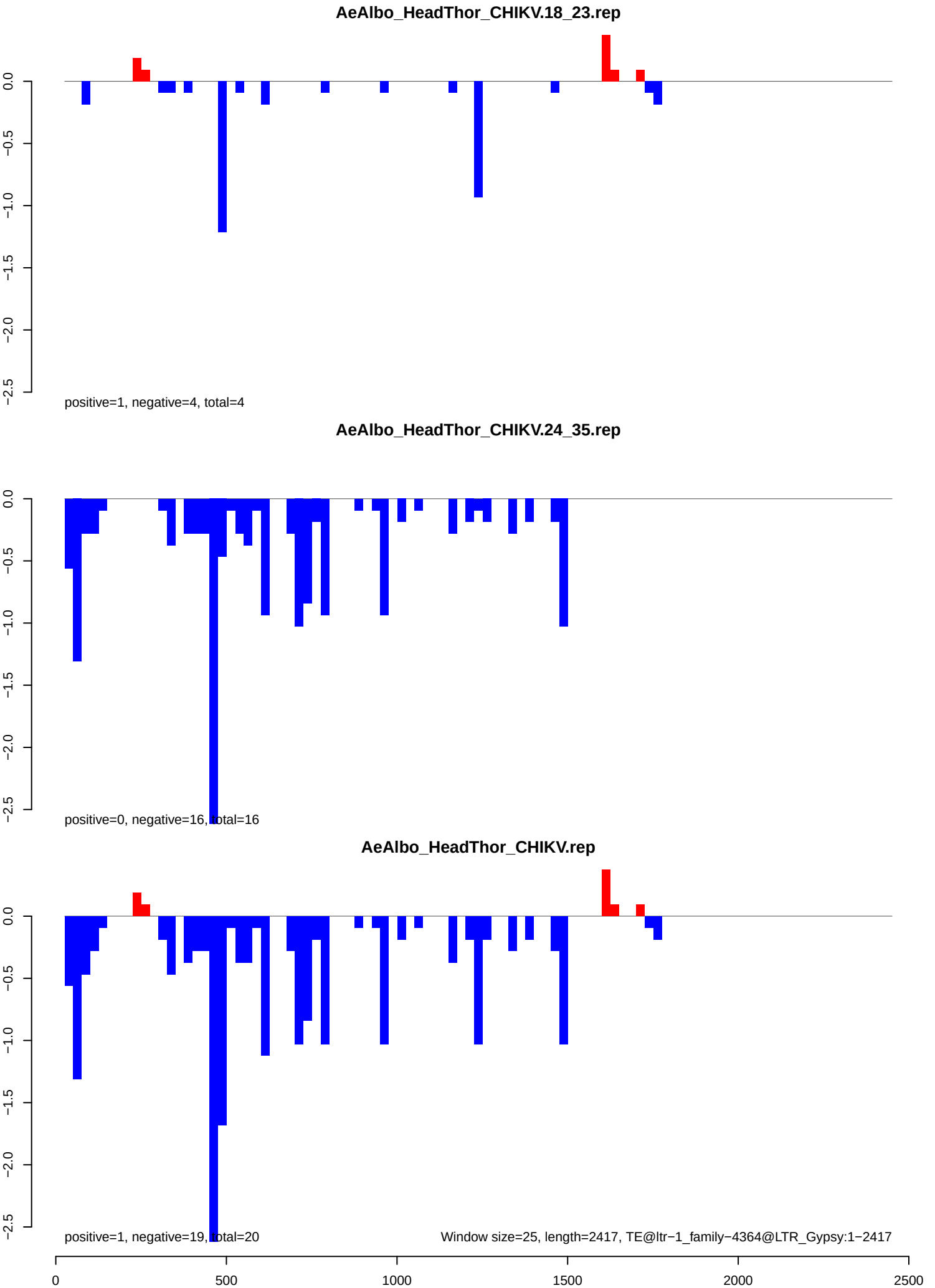

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=5, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=5, total=11
Window size=25, length=6044, TE@ltr−1_family−4770@LTR_Copia:1−6044
0
1000
2000
3000
4000
5000
6000

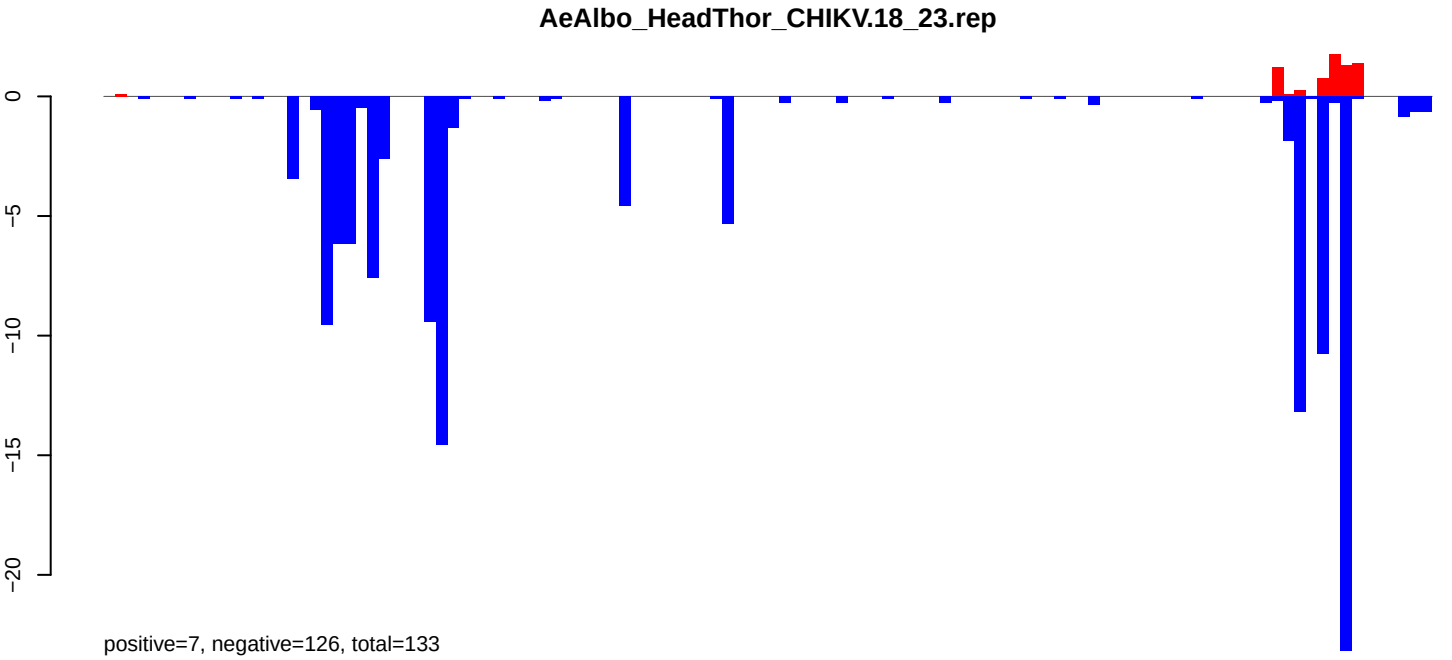

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
−4
positive=24, negative=20, total=43


AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
−4
positive=1, negative=0, total=2

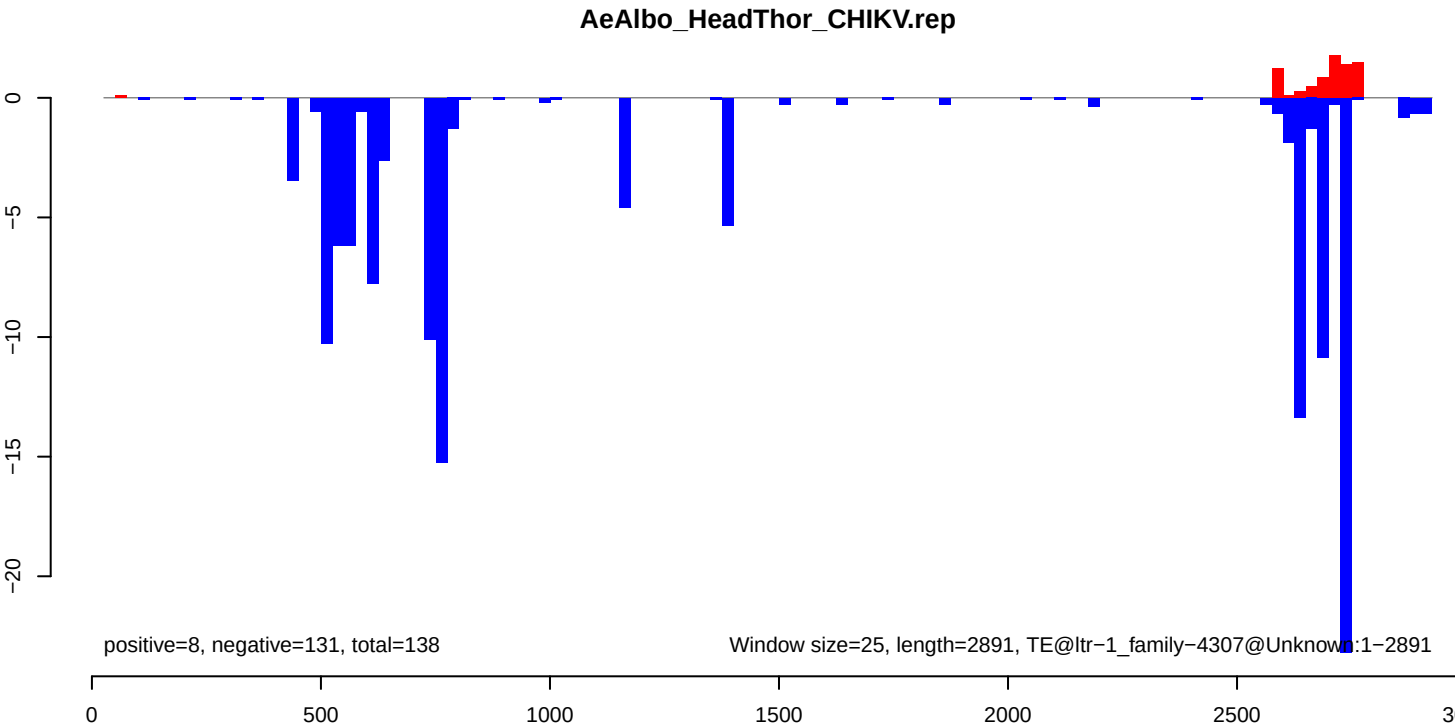

AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
−4
positive=25, negative=20, total=45
Window size=25, length=4372, TE@ltr−1_family−4593@DNA:1−4372
0
1000
2000
3000
4000

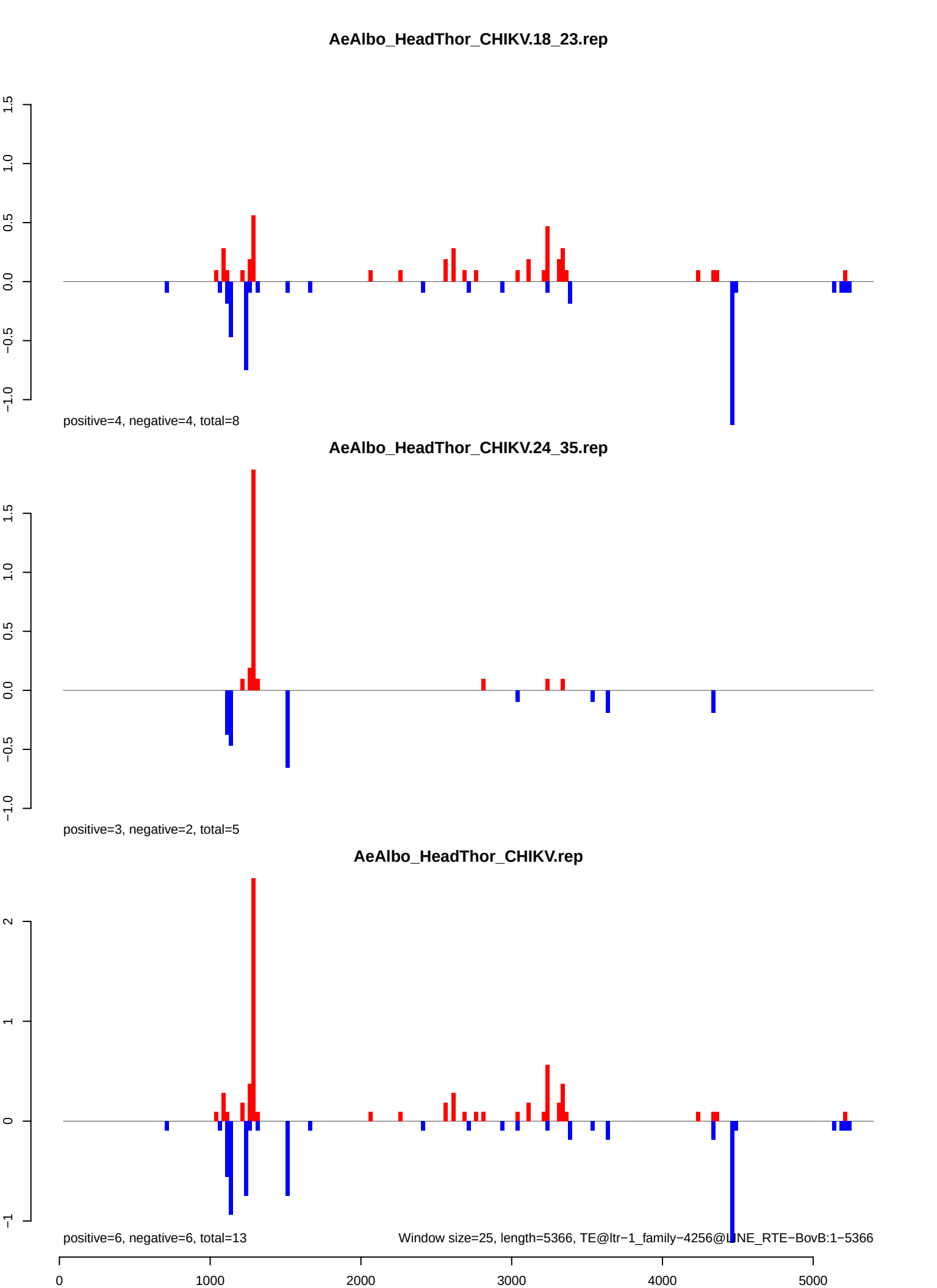

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=127, total=127
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=133, total=134
Window size=25, length=1378, TE@ltr−1_family−4572@LTR_Gypsy:1−1378
0
−10
−20
−30
−40
0
200
400
600
800
1000
1200
1400

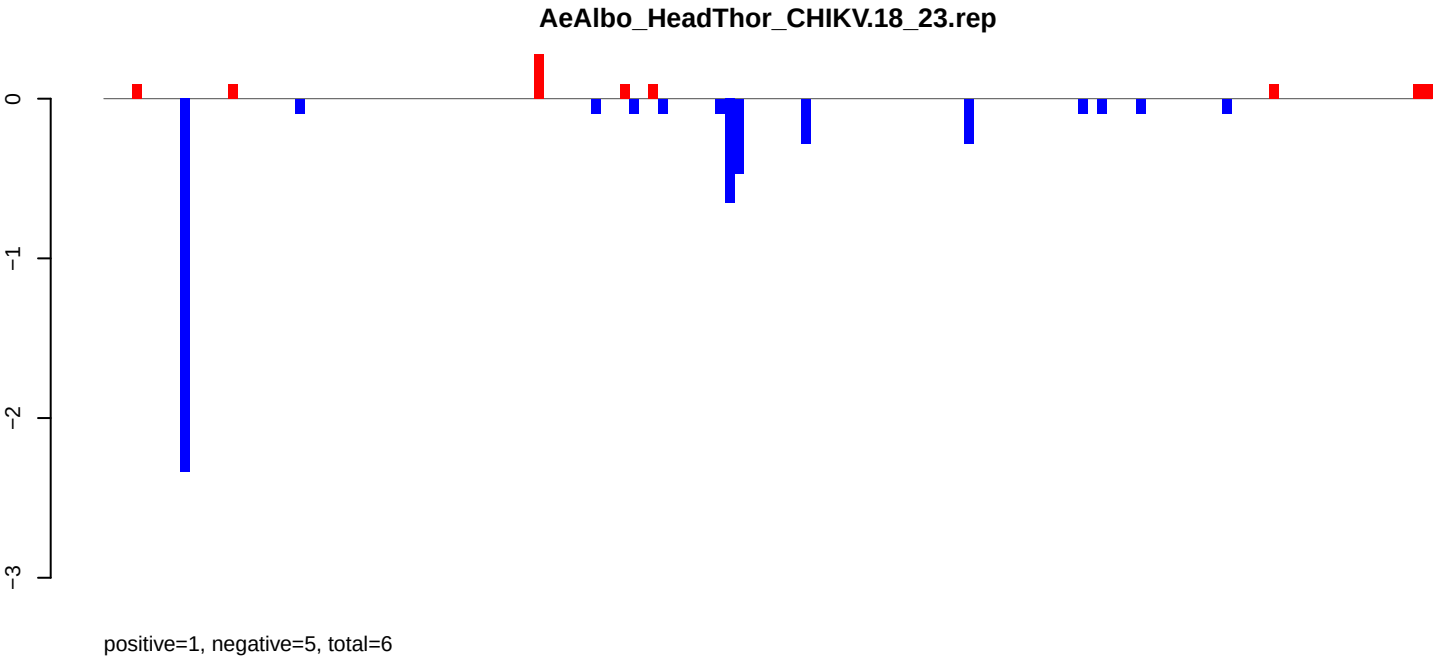

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=4, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=16, total=16
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=19, total=20
Window size=25, length=2417, TE@ltr−1_family−4364@LTR_Gypsy:1−2417
0
500
1000
1500
2000
2500

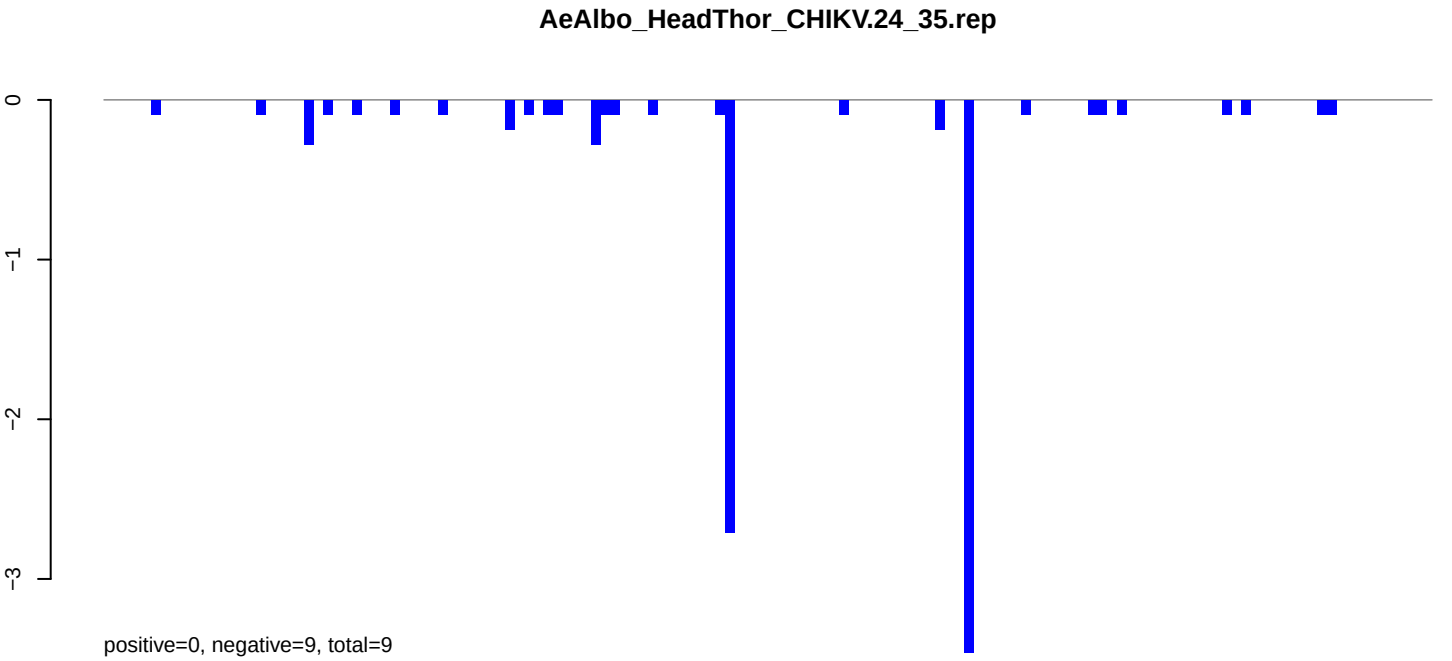

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=7, negative=126, total=133

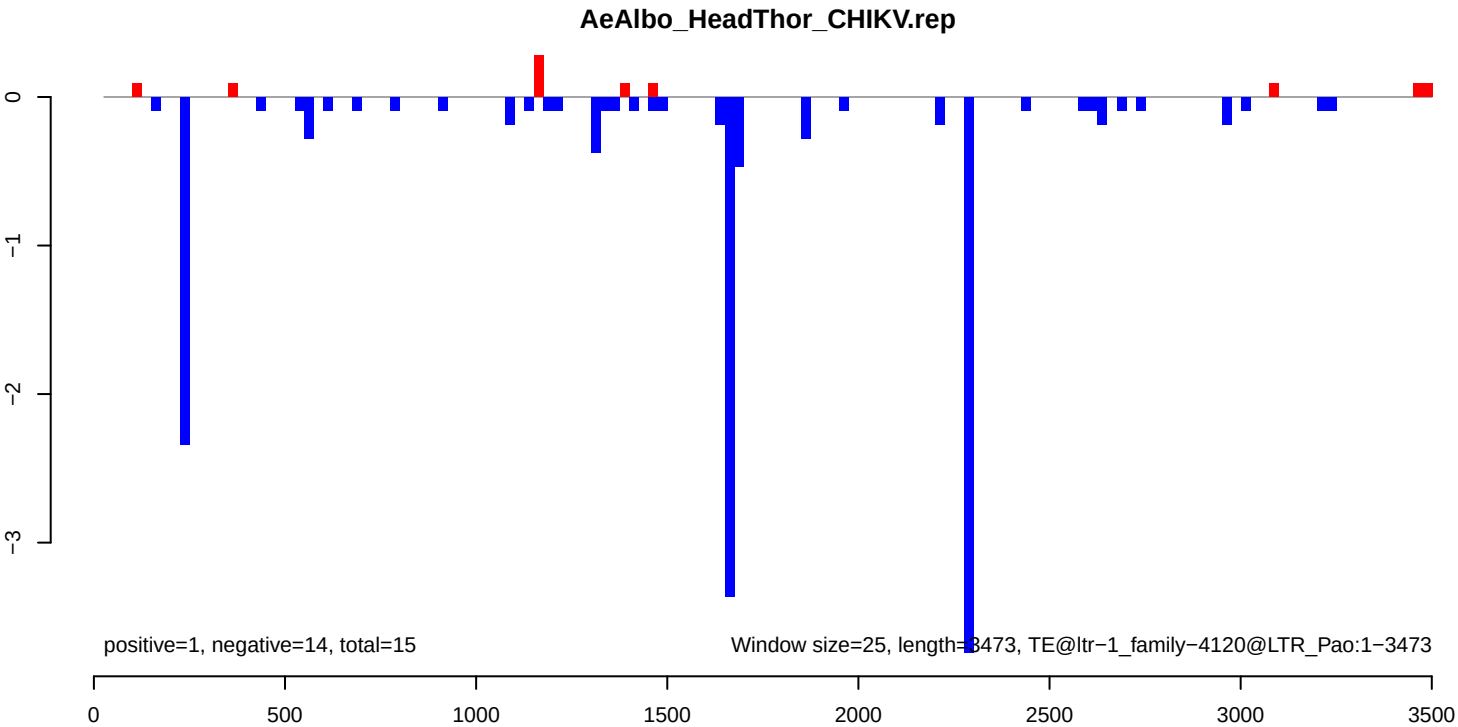
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=4, total=5

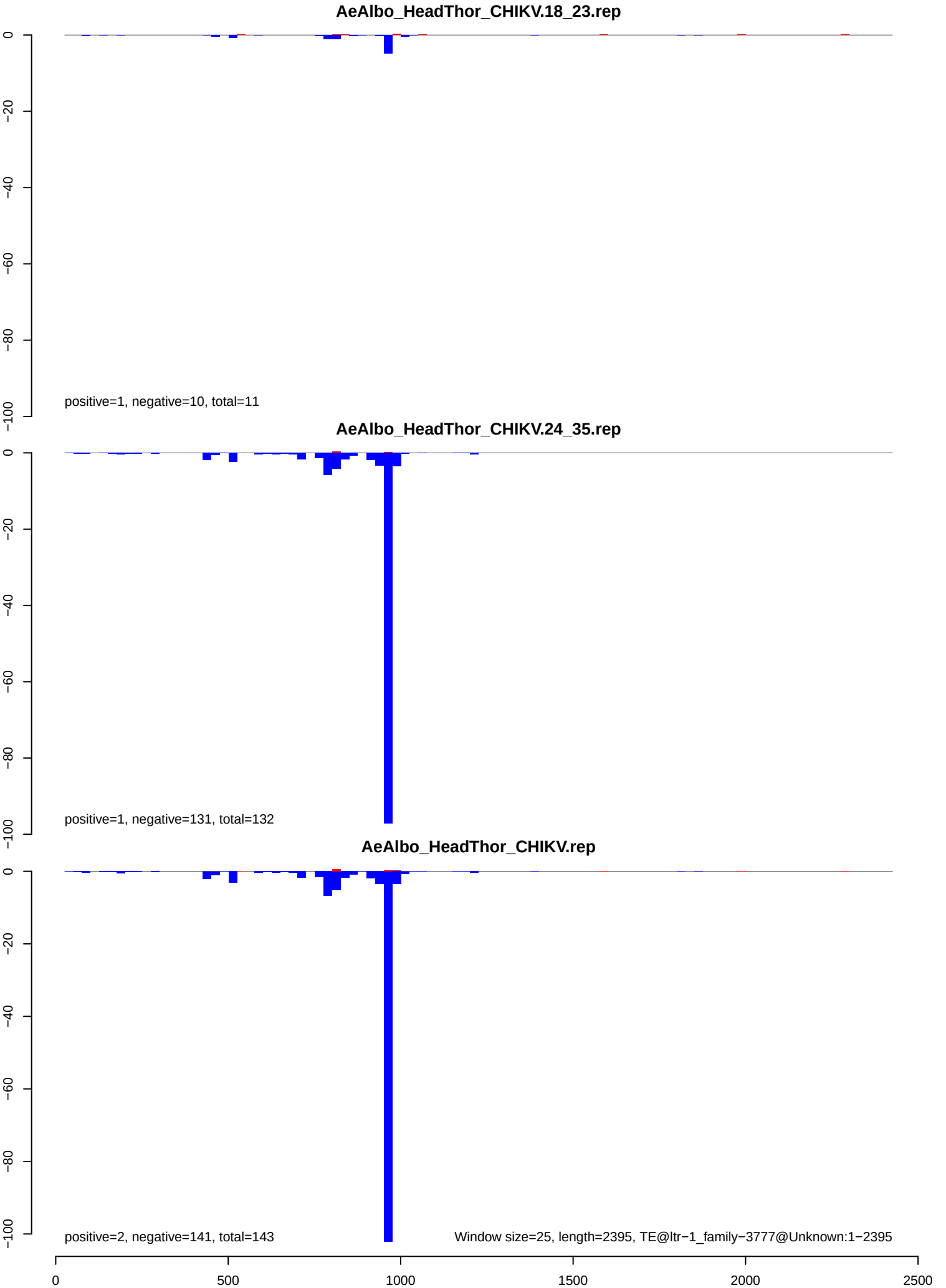

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=8, negative=131, total=138
Window size=25, length=2891, TE@ltr−1_family−4307@Unknown:1−2891
0
500
1000
1500
2000
2500
3000

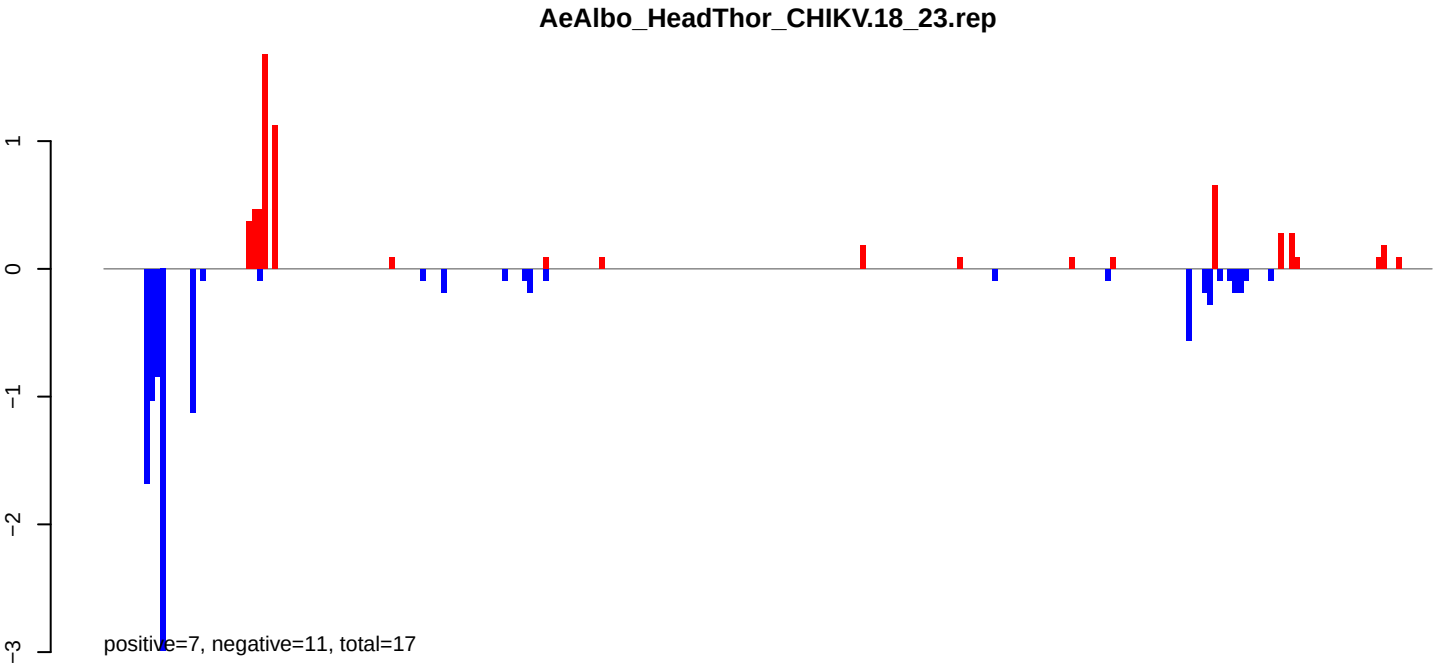

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=4, negative=4, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=6, negative=6, total=13
Window size=25, length=5366, TE@ltr−1_family−4256@LINE_RTE−BovB:1−5366
0
1000
2000
3000
4000
5000

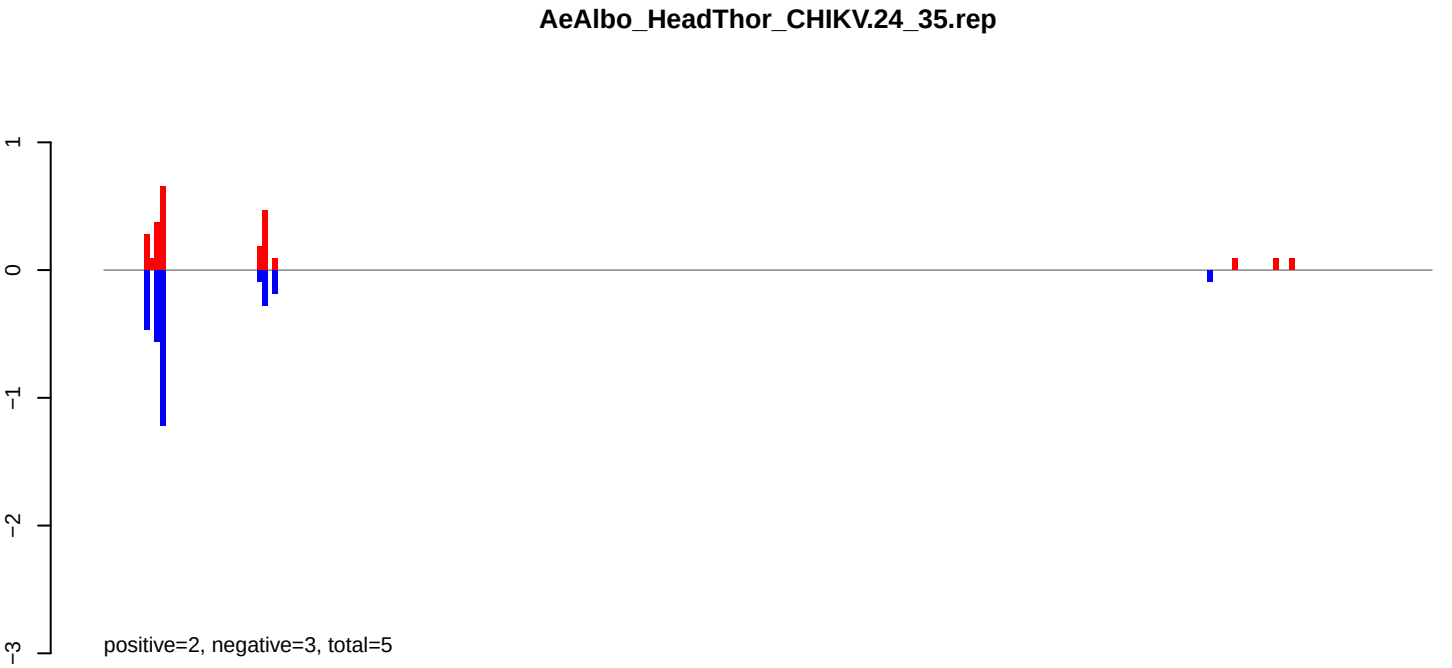

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=1, negative=5, total=6

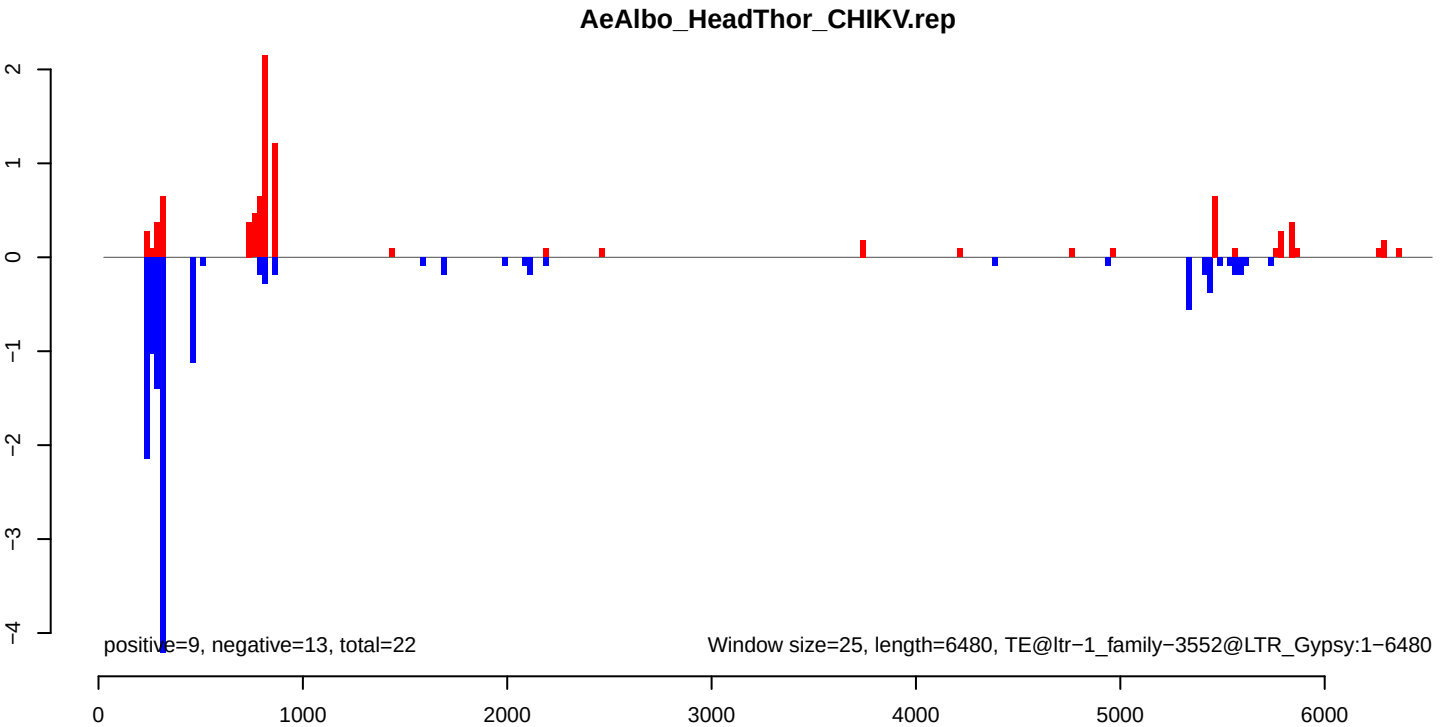

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=9, total=9

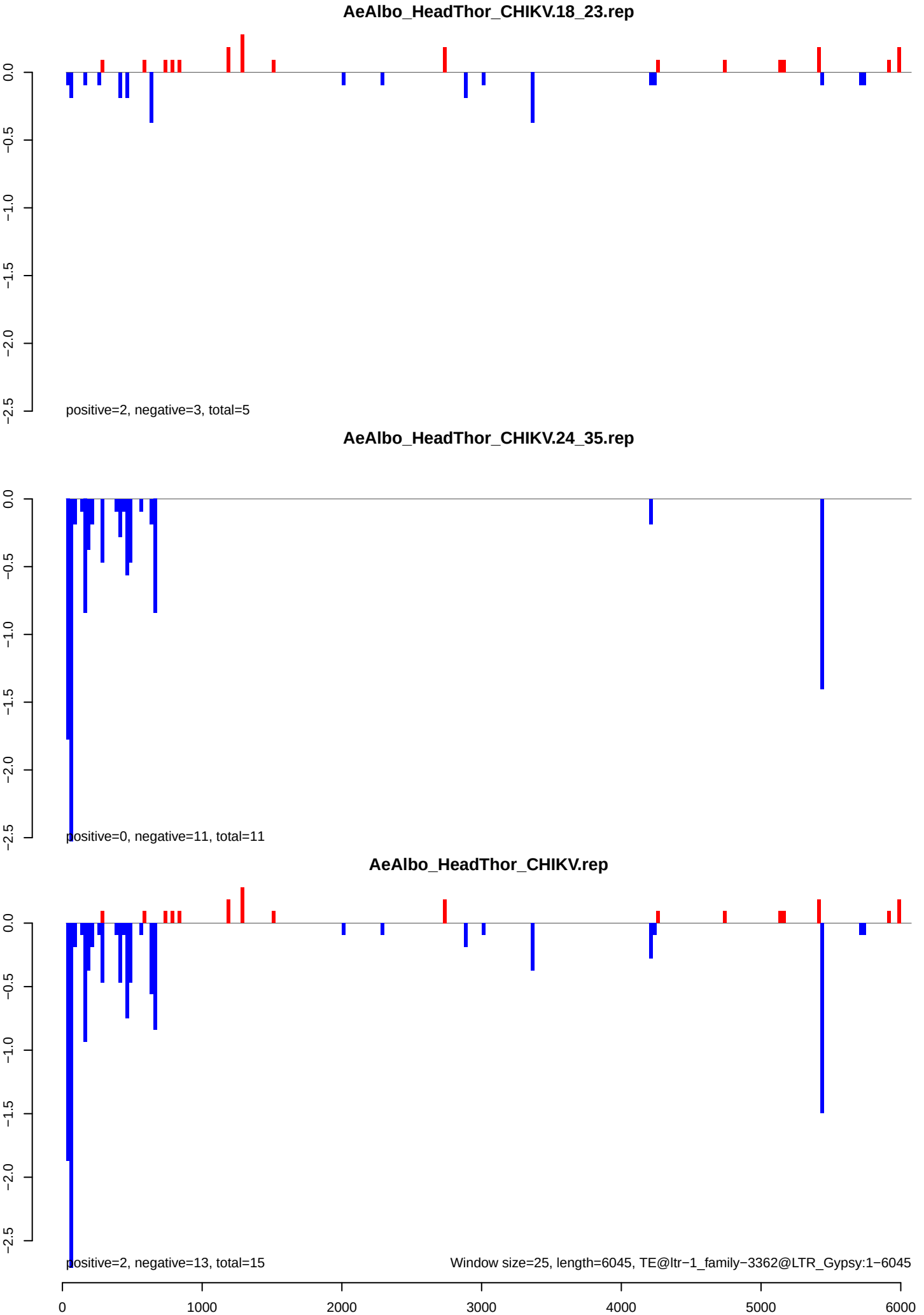

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=1, negative=14, total=15
Window size=25, length=3473, TE@ltr−1_family−4120@LTR_Pao:1−3473
0
500
1000
1500
2000
2500
3000
3500

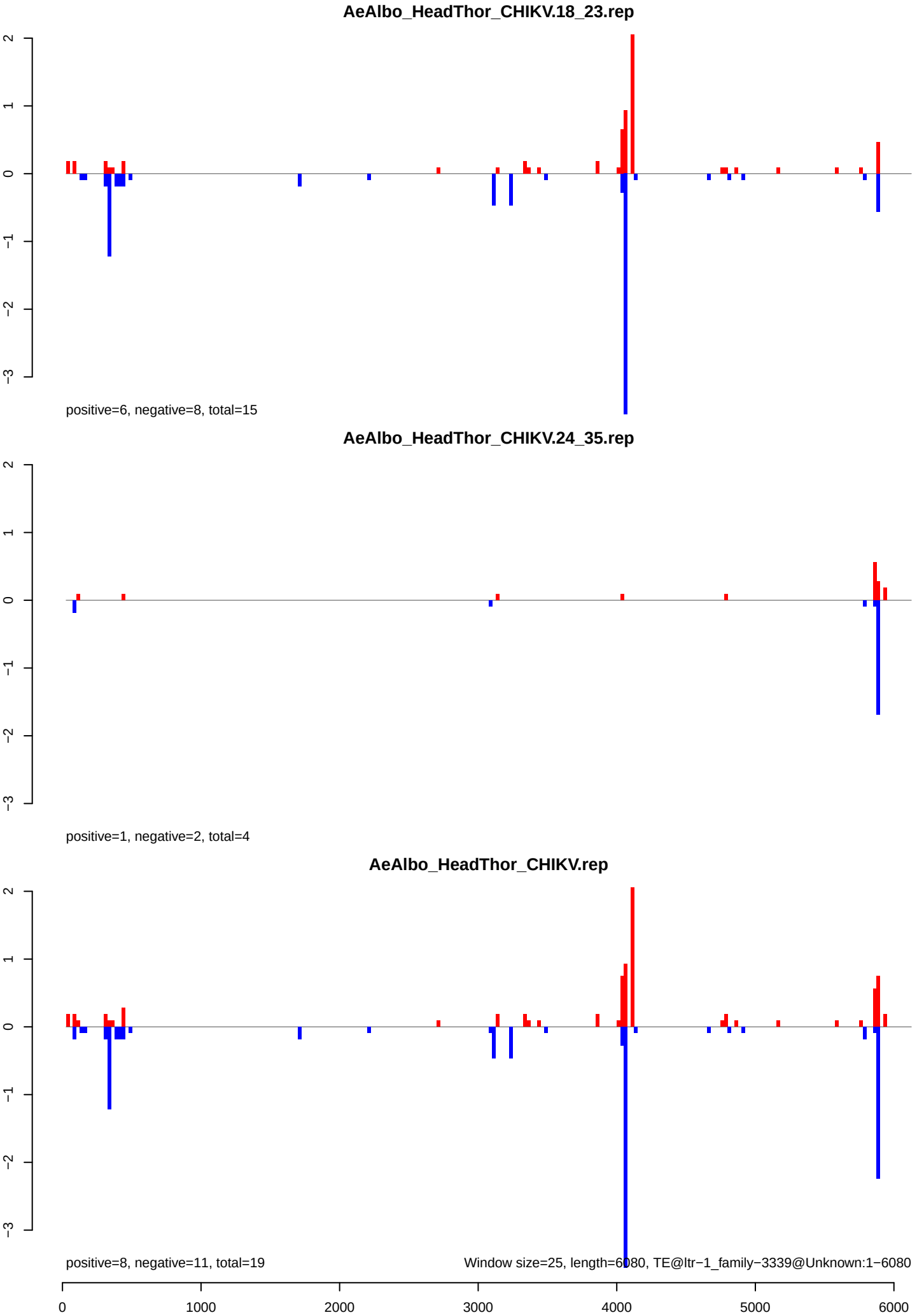

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=1, negative=10, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=1, negative=131, total=132
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=2, negative=141, total=143
Window size=25, length=2395, TE@ltr−1_family−3777@Unknown:1−2395
0
500
1000
1500
2000
2500

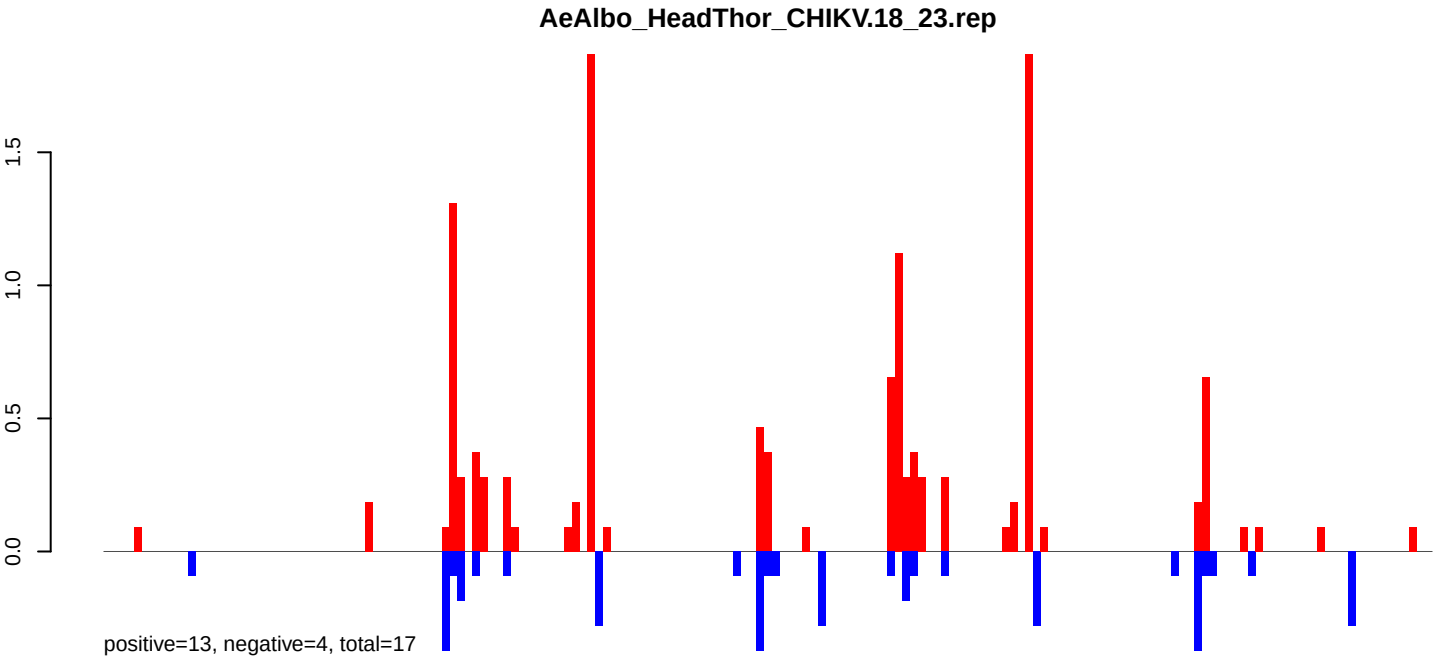

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
positive=7, negative=11, total=17

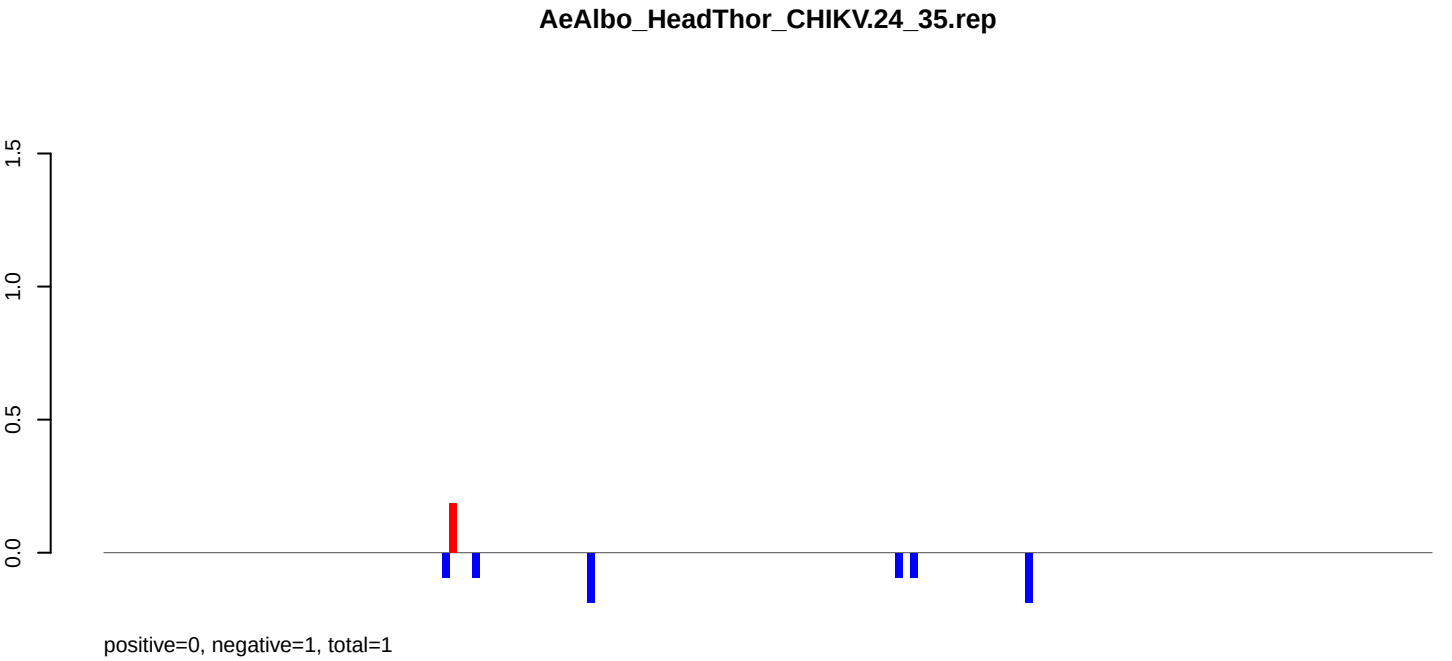

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
positive=2, negative=3, total=5

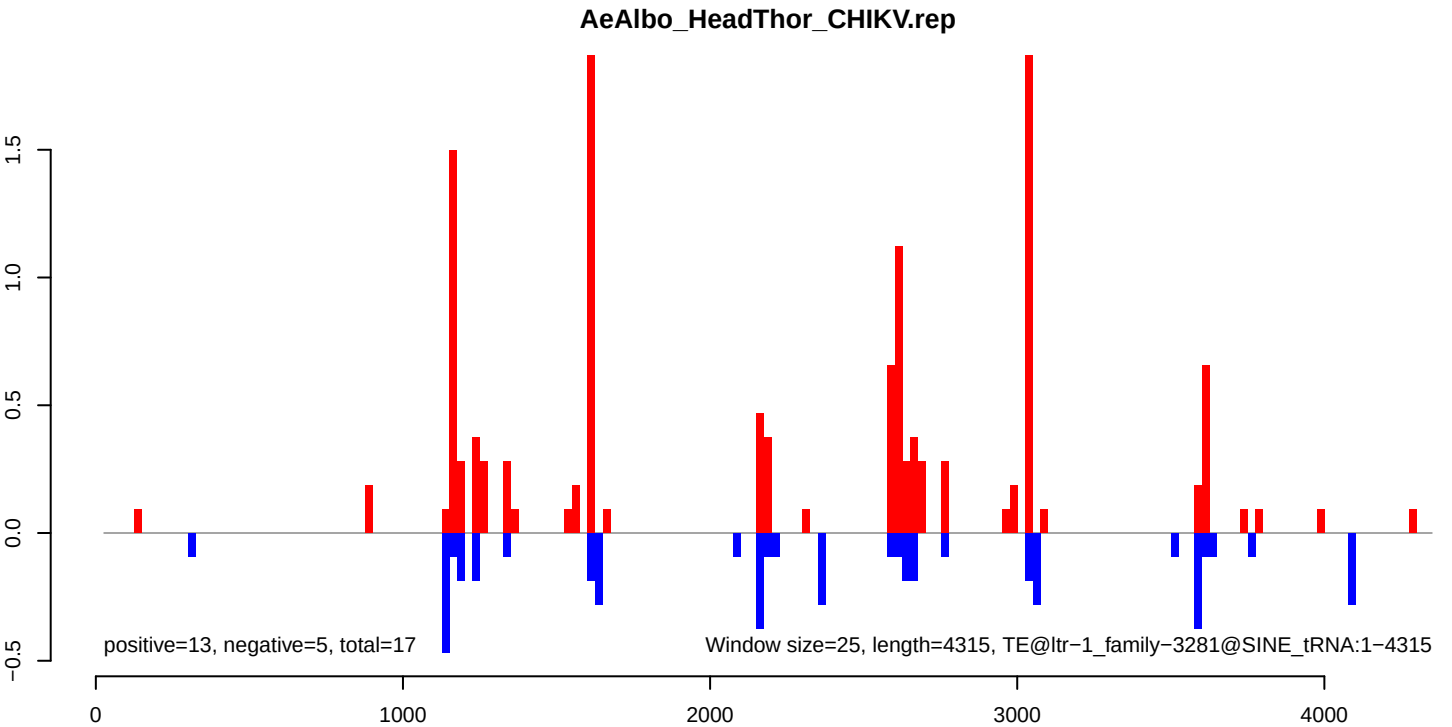

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
−3
−4
positive=9, negative=13, total=22
Window size=25, length=6480, TE@ltr−1_family−3552@LTR_Gypsy:1−6480
0
1000
2000
3000
4000
5000
6000

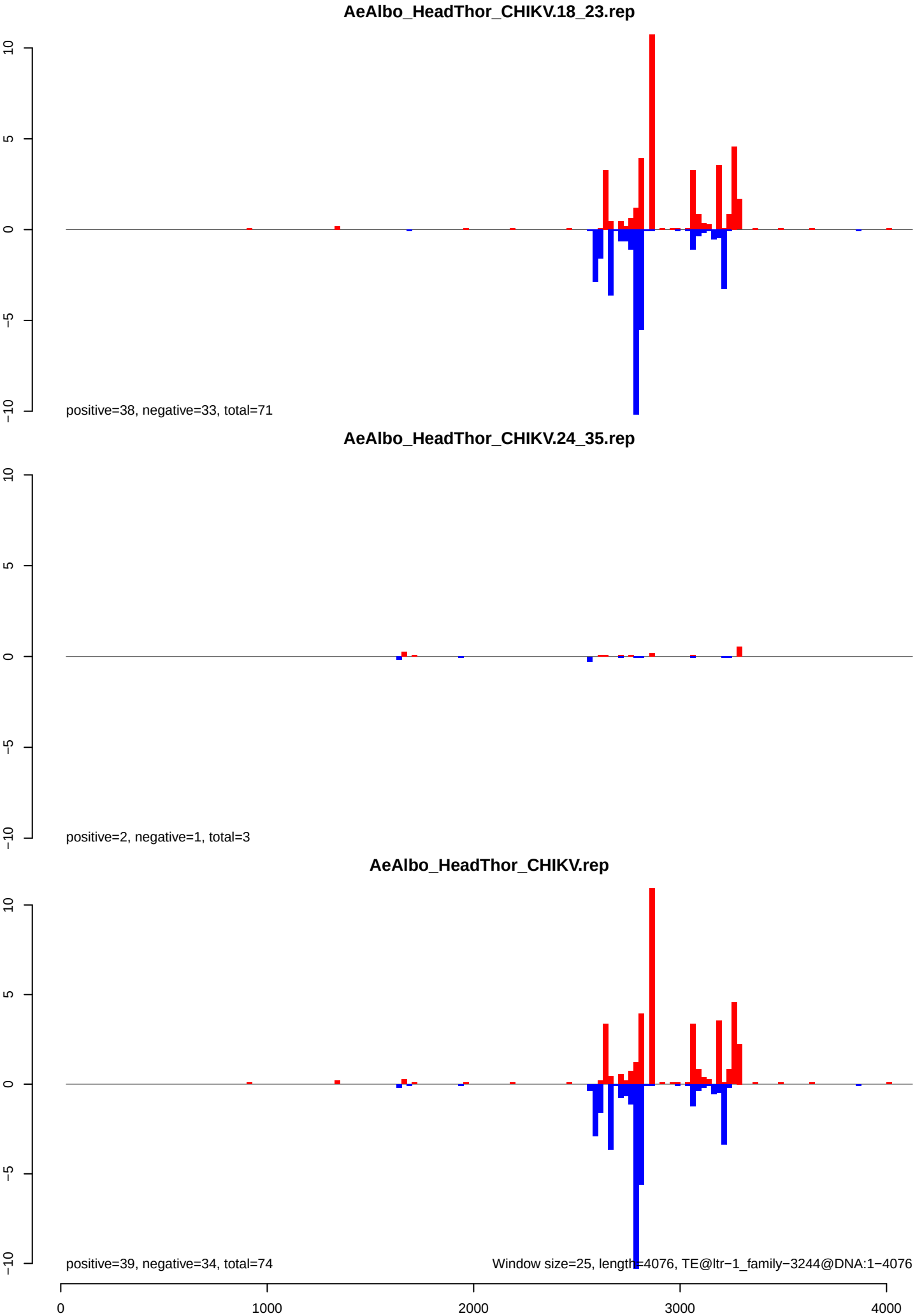

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=11, total=11
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=13, total=15
Window size=25, length=6045, TE@ltr−1_family−3362@LTR_Gypsy:1−6045
0
1000
2000
3000
4000
5000
6000

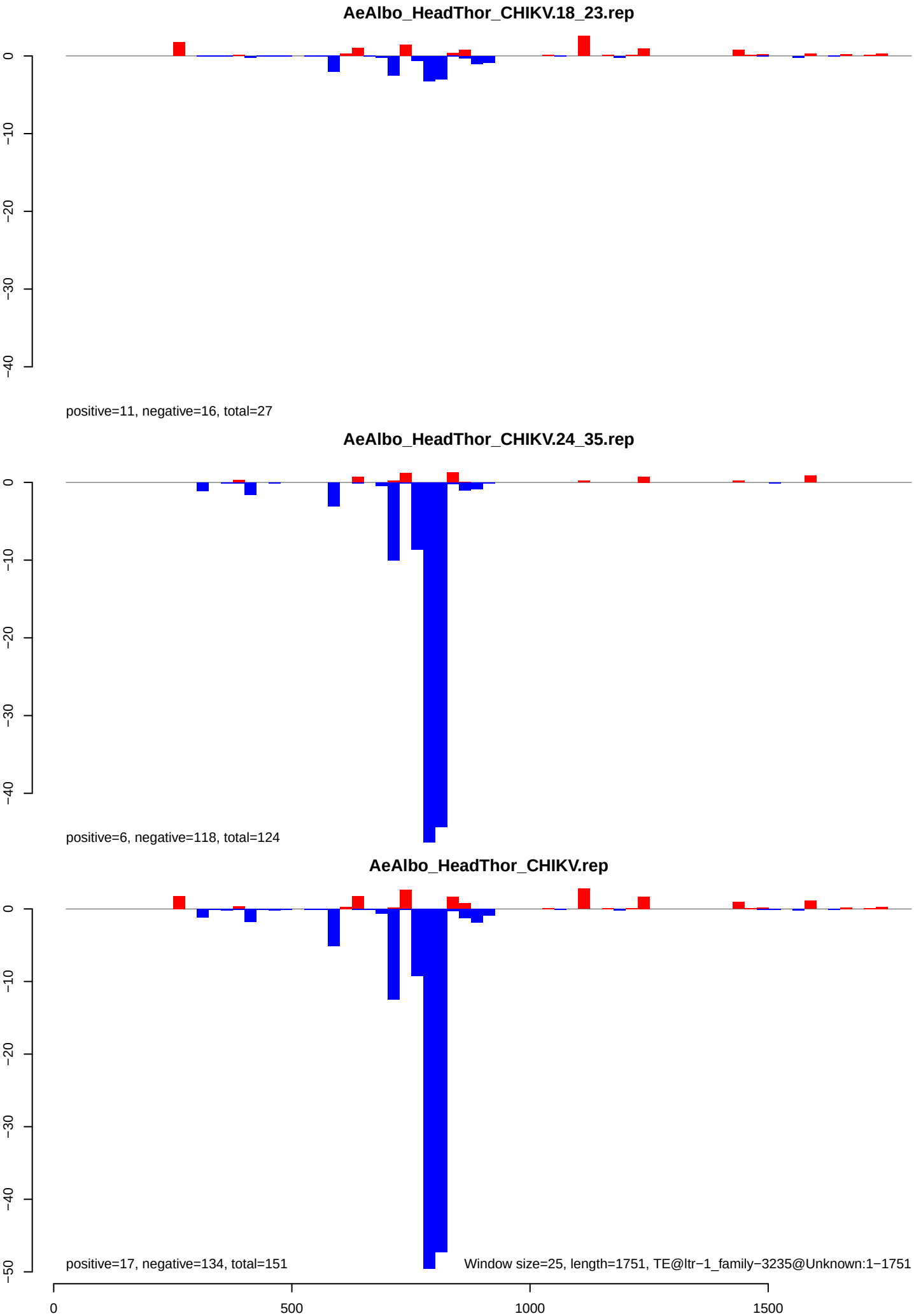

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=8, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=11, total=19
Window size=25, length=6080, TE@ltr−1_family−3339@Unknown:1−6080
0
1000
2000
3000
4000
5000
6000

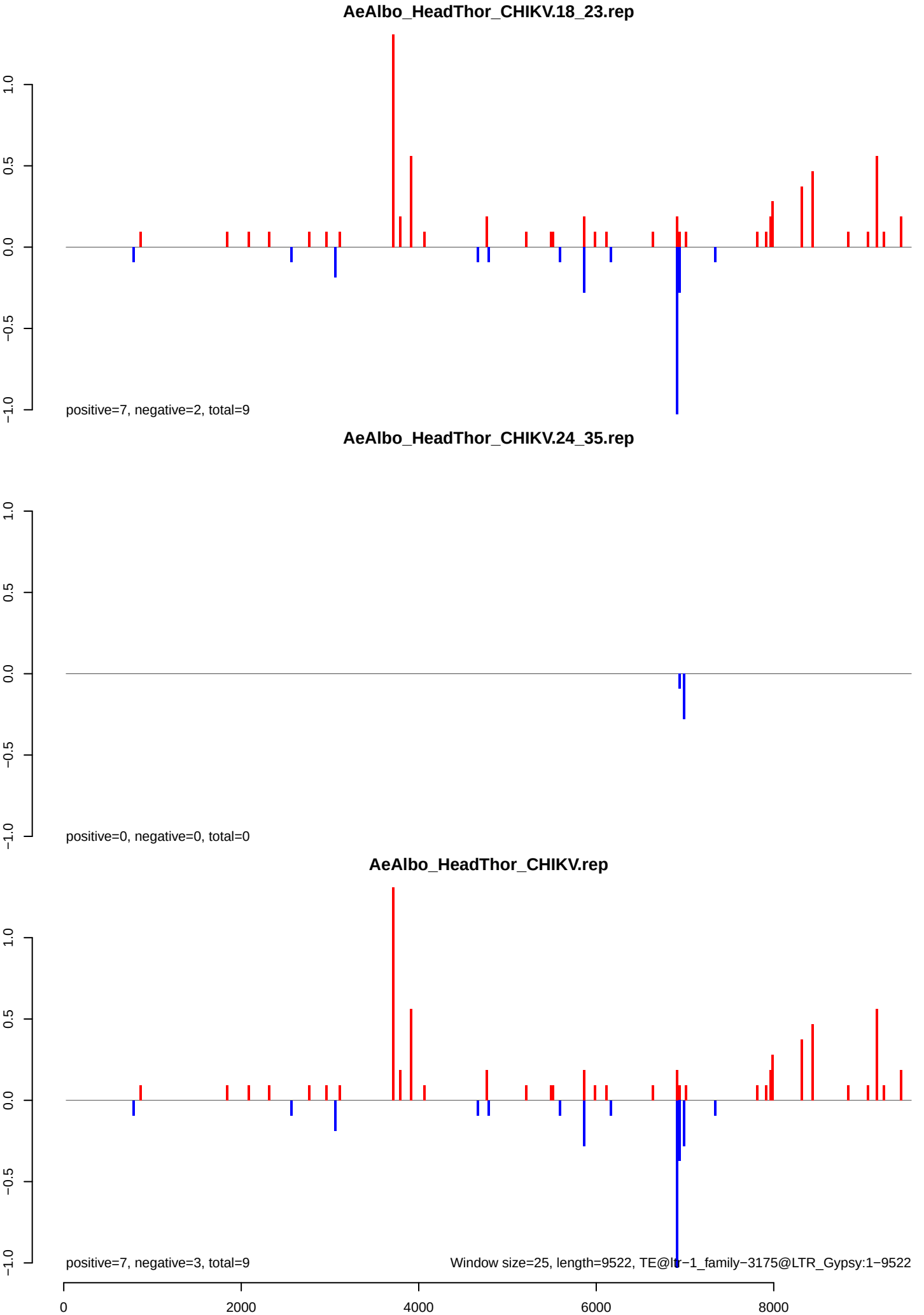

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=13, negative=4, total=17

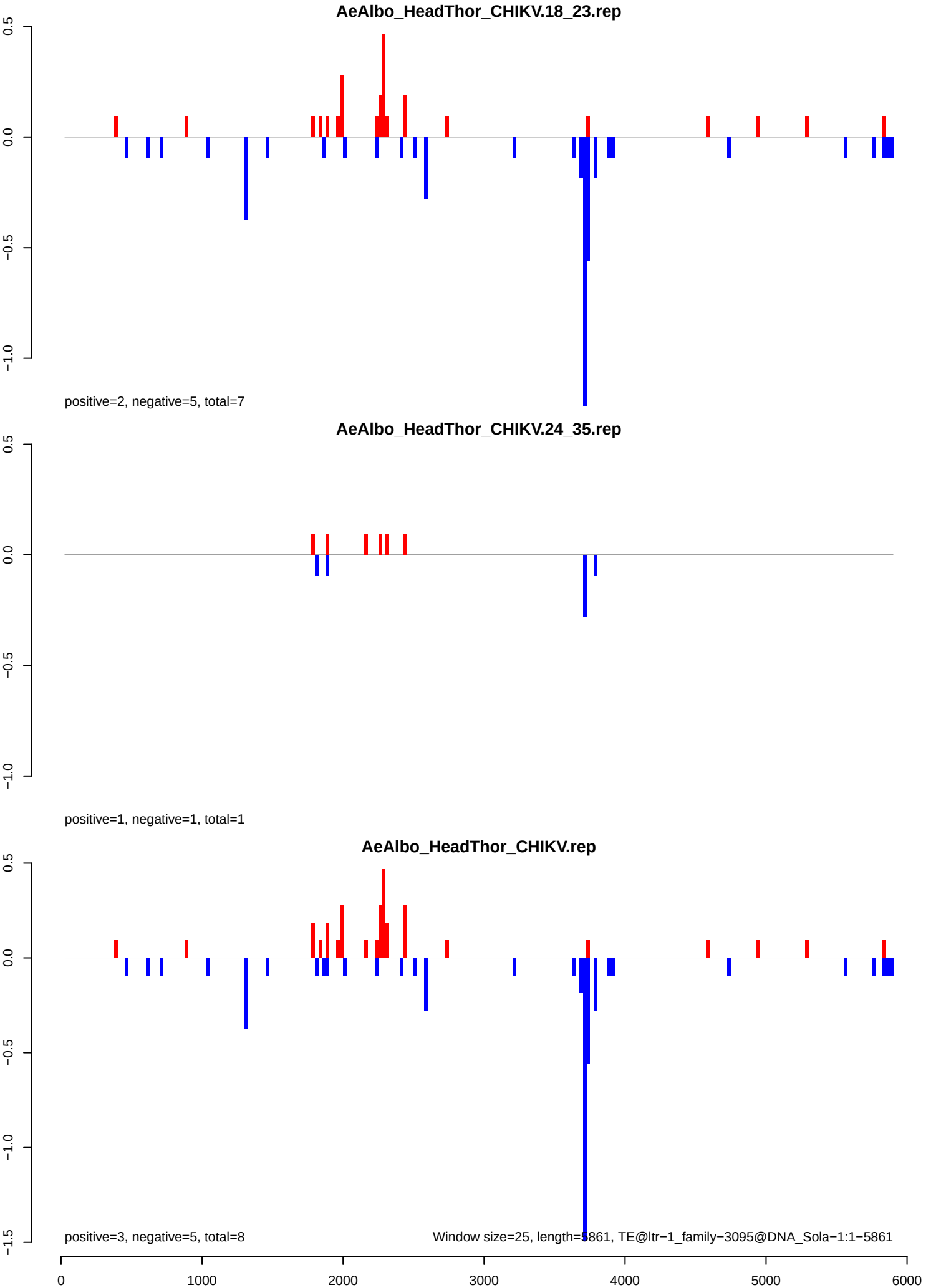

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=1, total=1

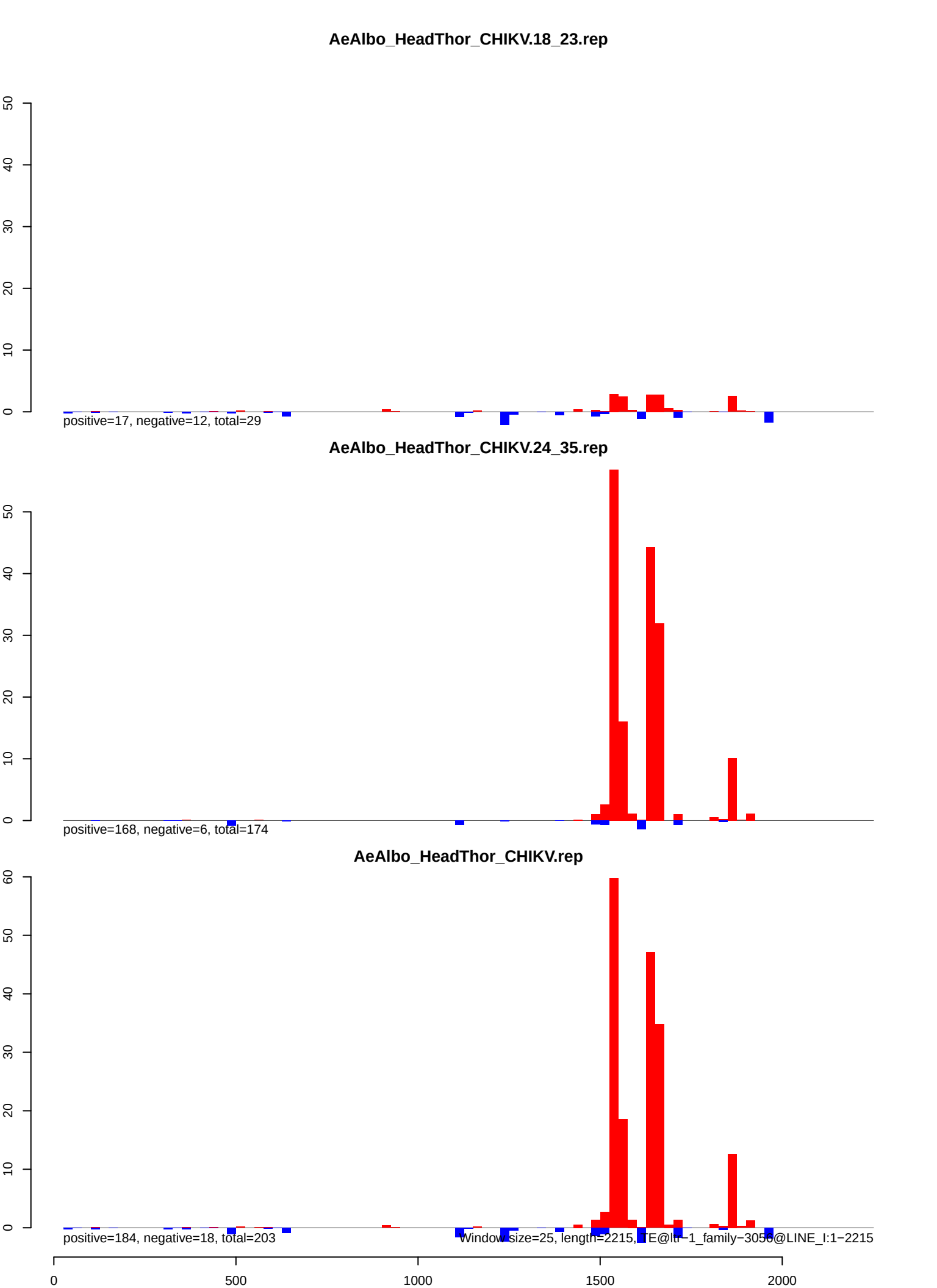

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=13, negative=5, total=17
Window size=25, length=4315, TE@ltr−1_family−3281@SINE_tRNA:1−4315
0
1000
2000
3000
4000

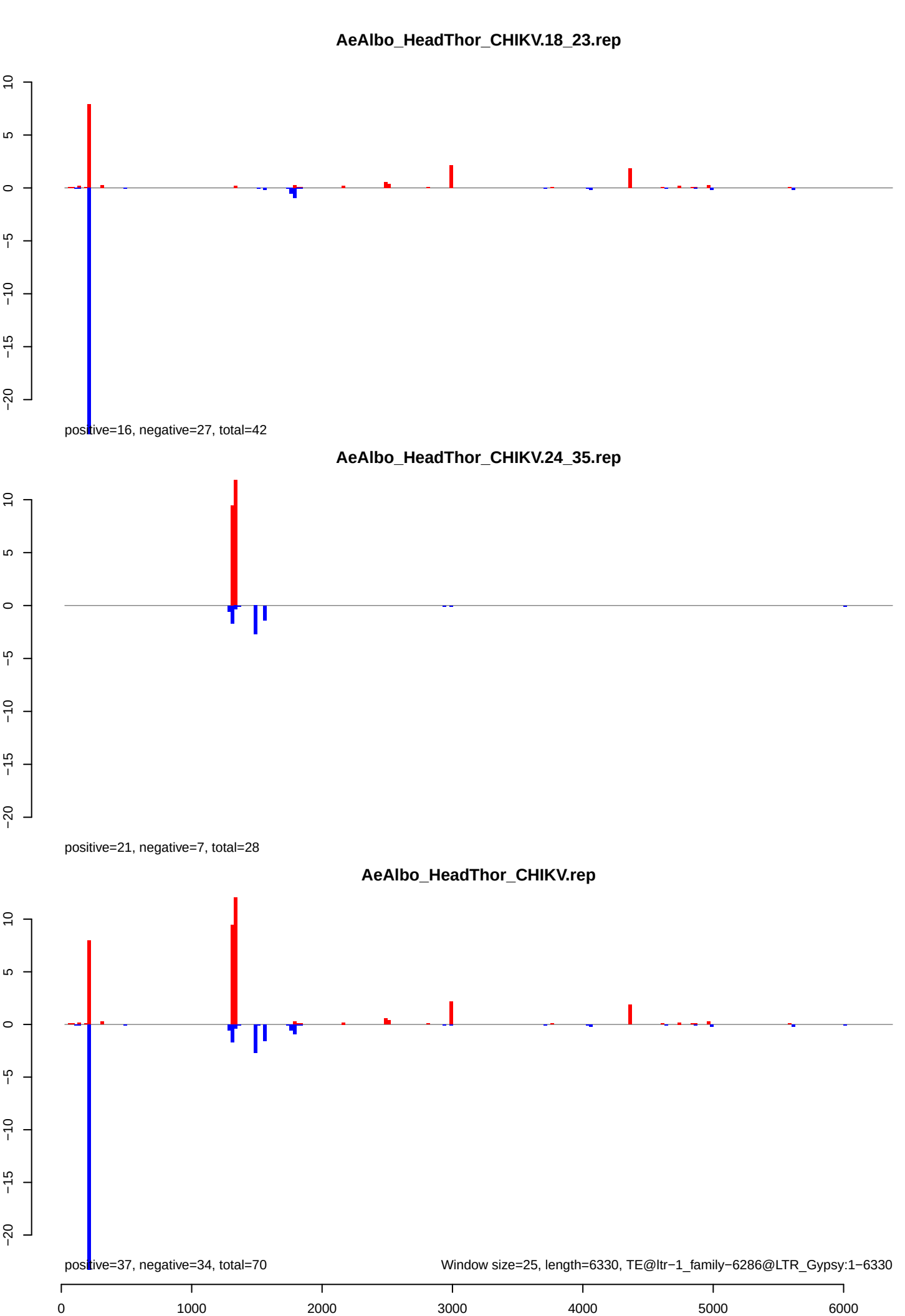

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=38, negative=33, total=71
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=39, negative=34, total=74
Window size=25, length=4076, TE@ltr−1_family−3244@DNA:1−4076
10
5
0
−5
−10
0
1000
2000
3000
4000

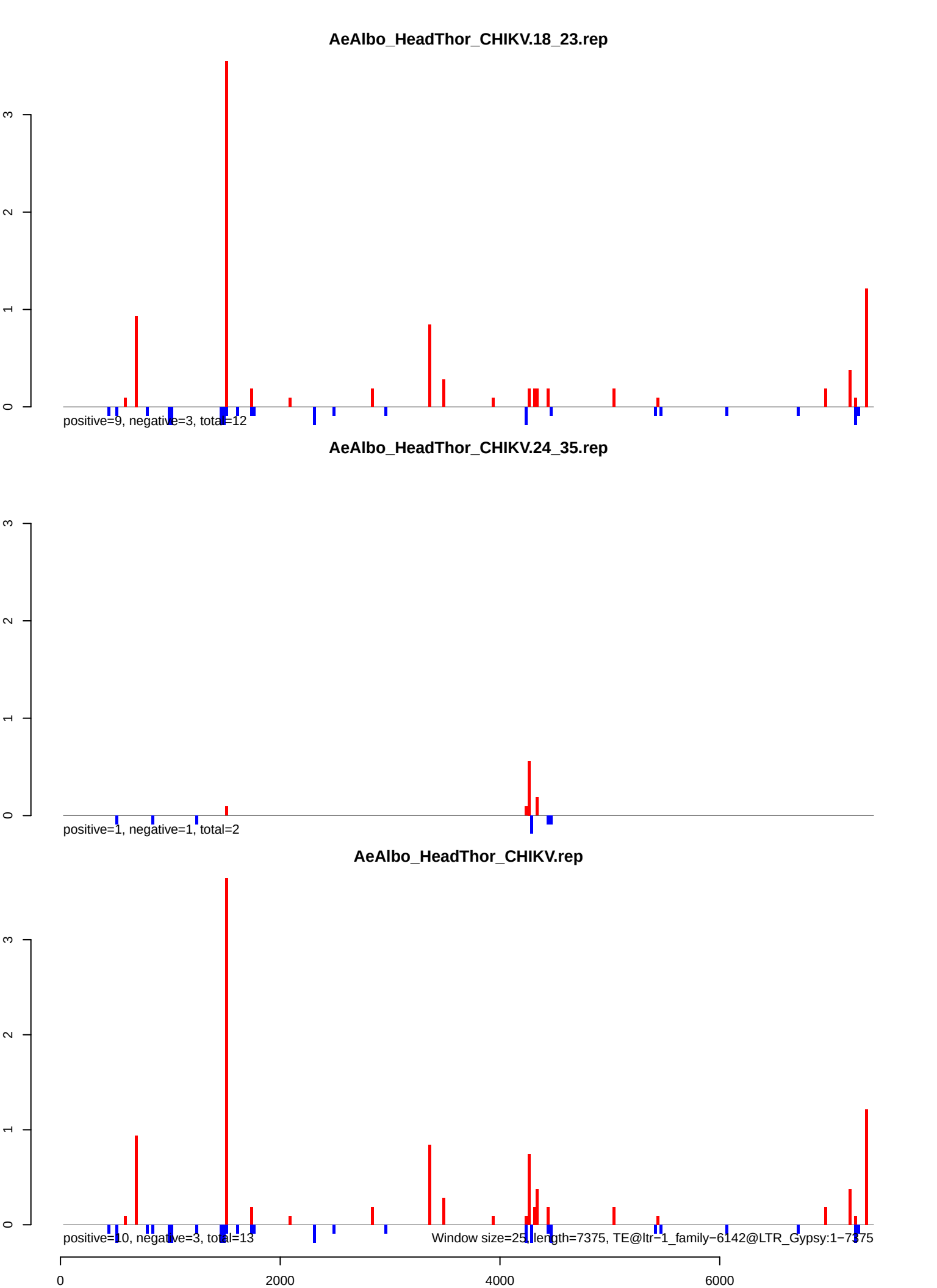

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=11, negative=16, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=6, negative=118, total=124
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
positive=17, negative=134, total=151
Window size=25, length=1751, TE@ltr−1_family−3235@Unknown:1−1751
0
500
1000
1500

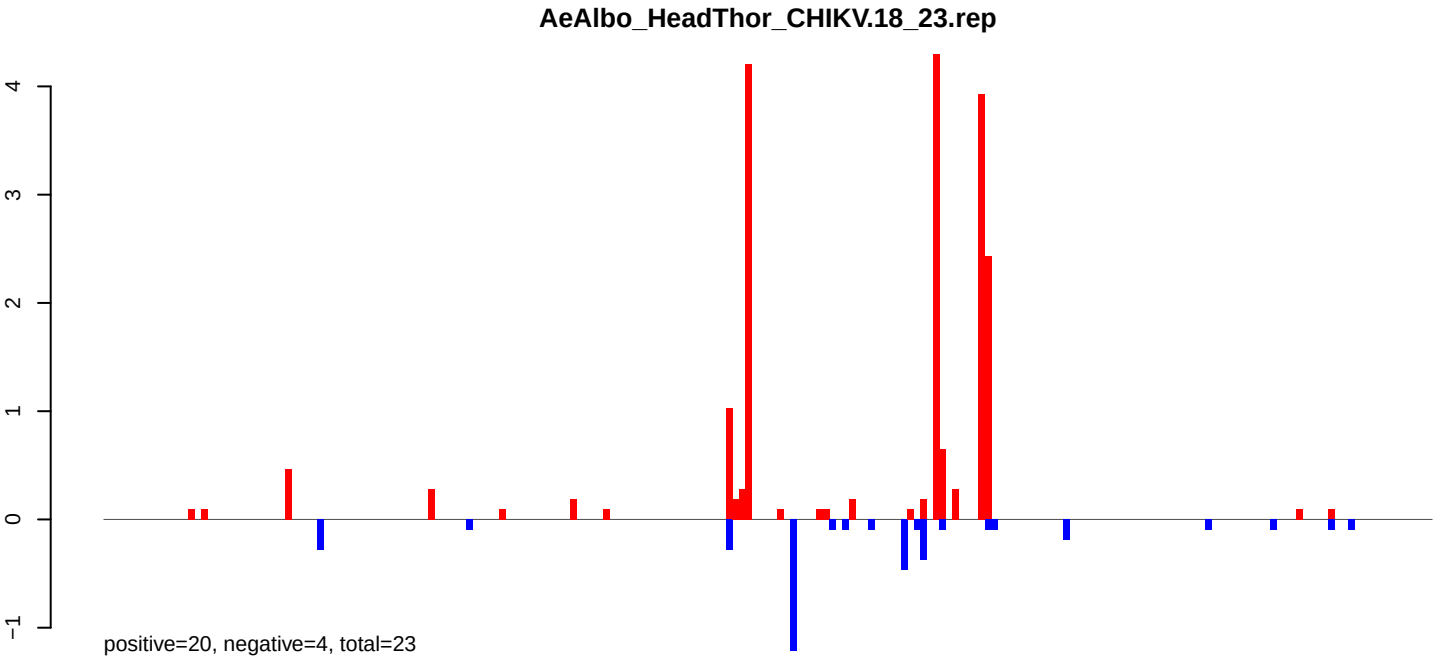

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=7, negative=2, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=7, negative=3, total=9
Window size=25, length=9522, TE@ltr−1_family−3175@LTR_Gypsy:1−9522
0
2000
4000
6000
8000

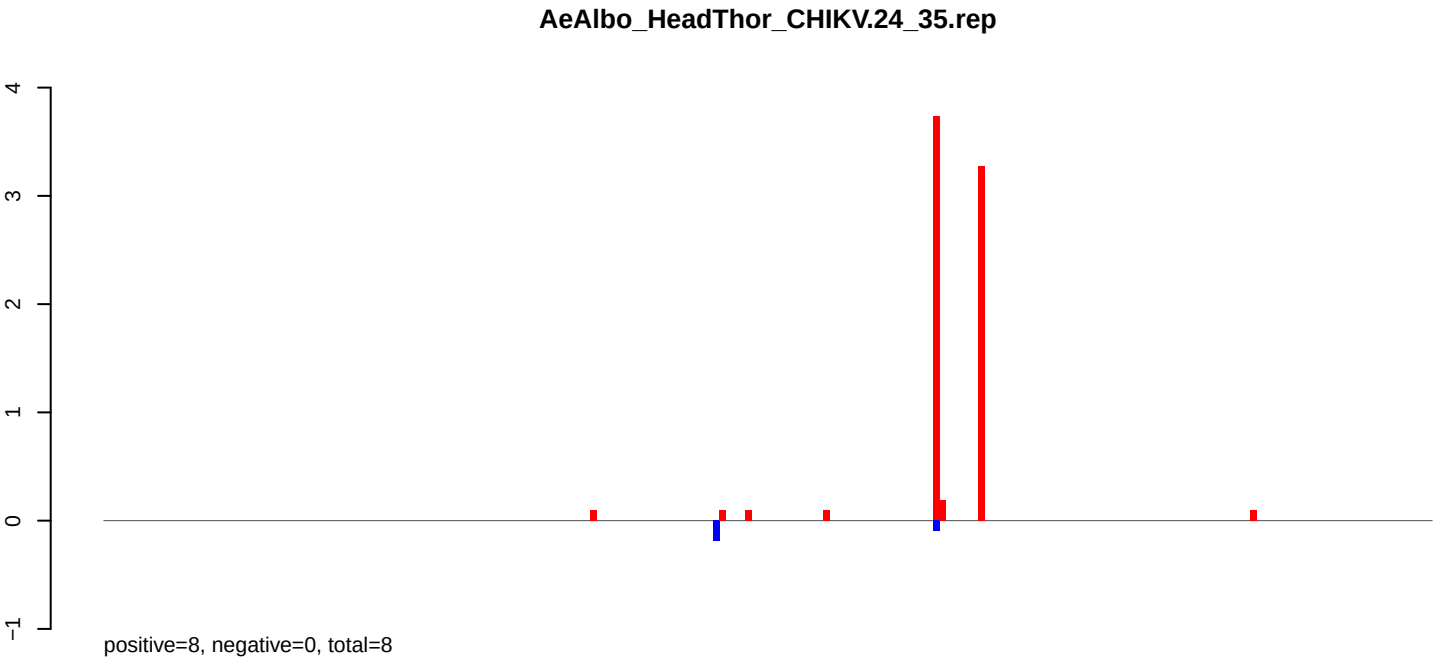

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=5, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=5, total=8
Window size=25, length=5861, TE@ltr−1_family−3095@DNA_Sola−1:1−5861
0
1000
2000
3000
4000
5000
6000

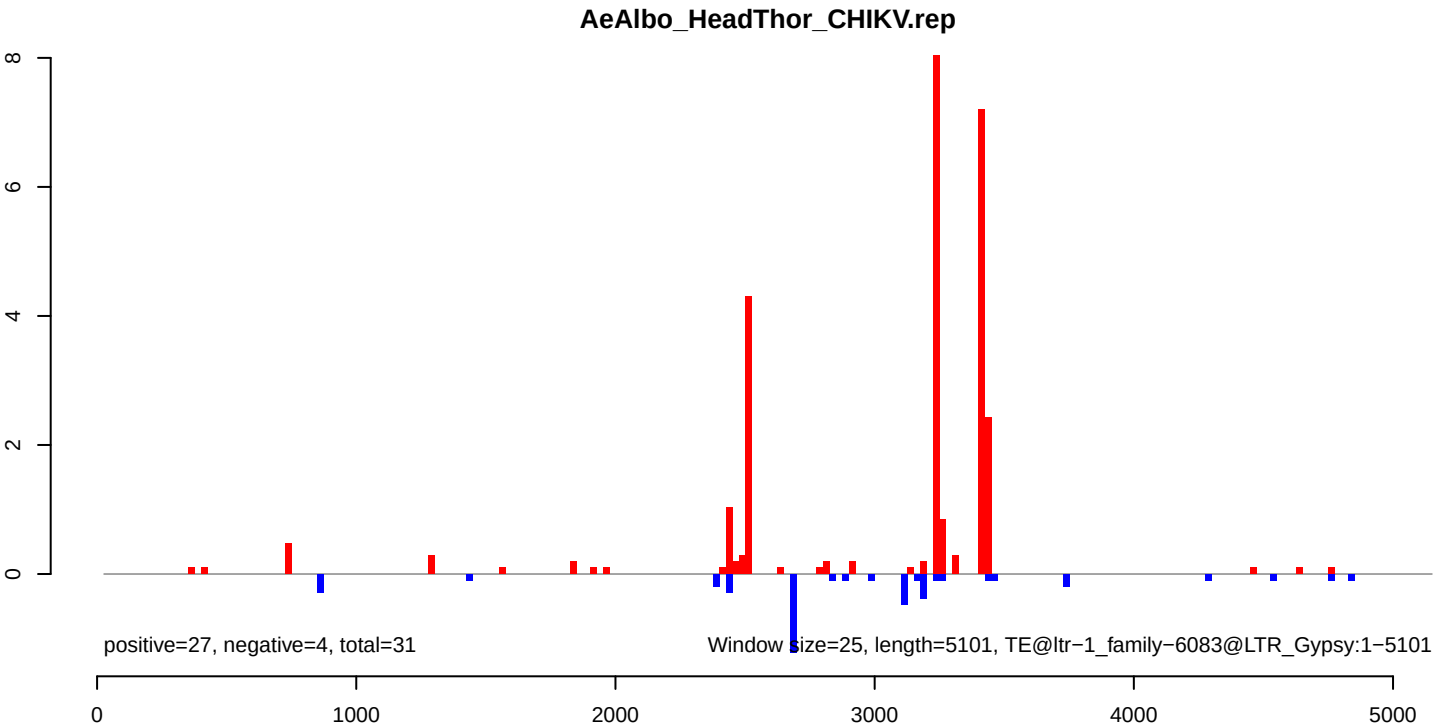

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
50
positive=17, negative=12, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
50
positive=168, negative=6, total=174
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
50
60
positive=184, negative=18, total=203
Window size=25, length=2215, TE@ltr−1_family−3050@LINE_I:1−2215
0
500
1000
1500
2000

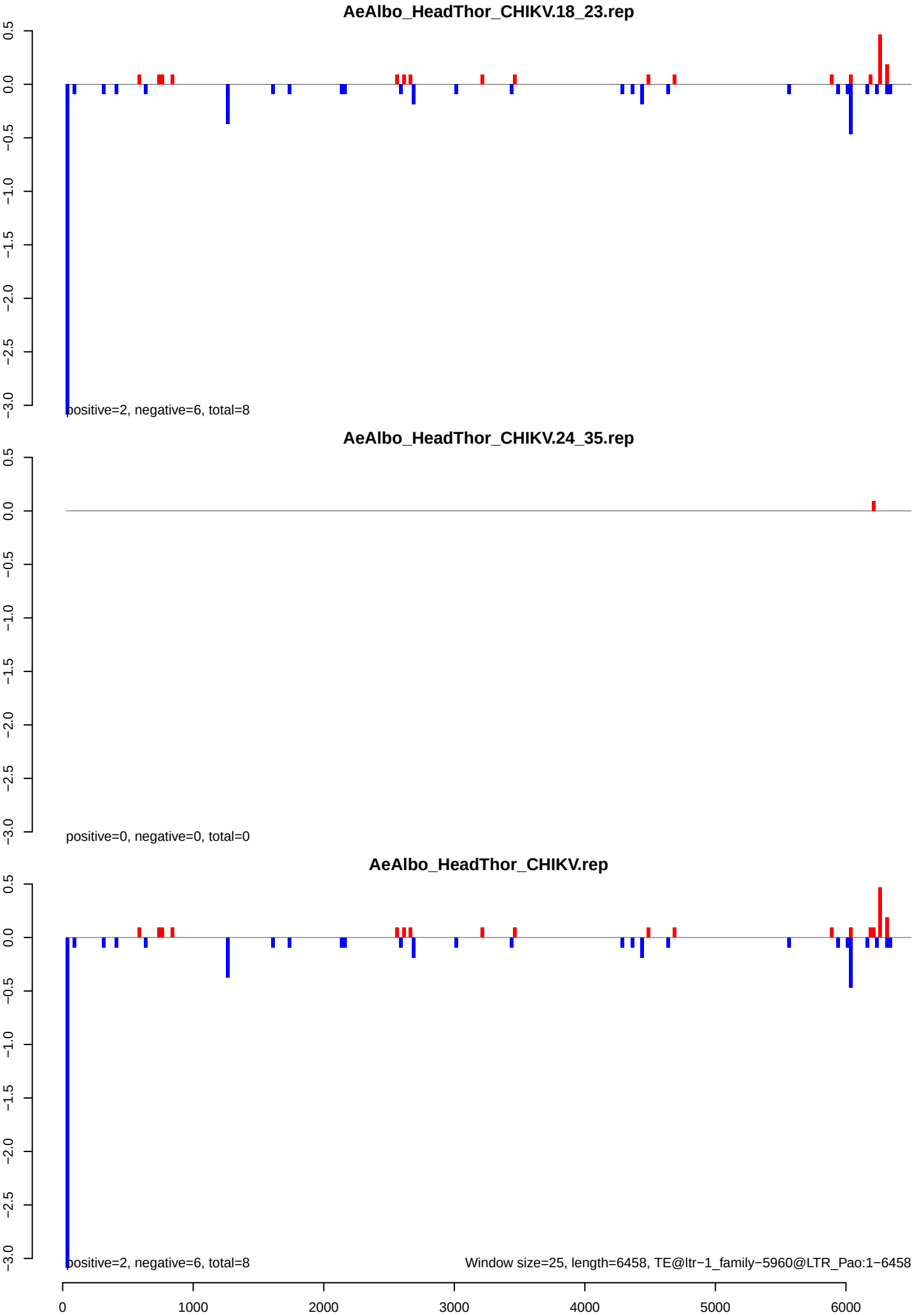

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=27, total=42
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=21, negative=7, total=28
AeAlbo_HeadThor_CHIKV.rep
positive=37, negative=34, total=70
Window size=25, length=6330, TE@ltr−1_family−6286@LTR_Gypsy:1−6330
10
5
0
−5
−10
−15
−20
0
1000
2000
3000
4000
5000
6000

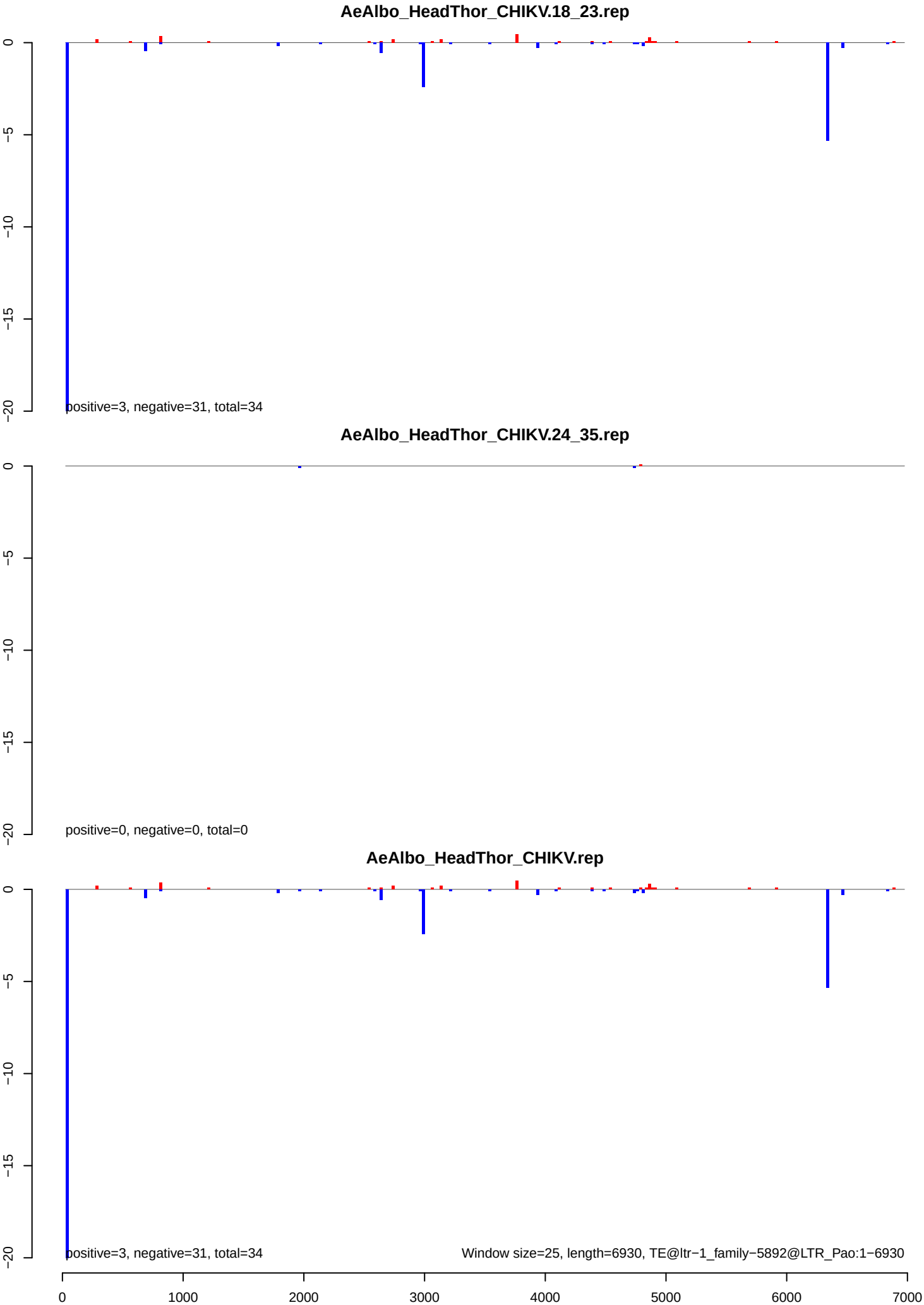

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=3, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=3, total=13
Window size=25, length=7375, TE@ltr−1_family−6142@LTR_Gypsy:1−7375
0
1
2
3
0
2000
4000
6000

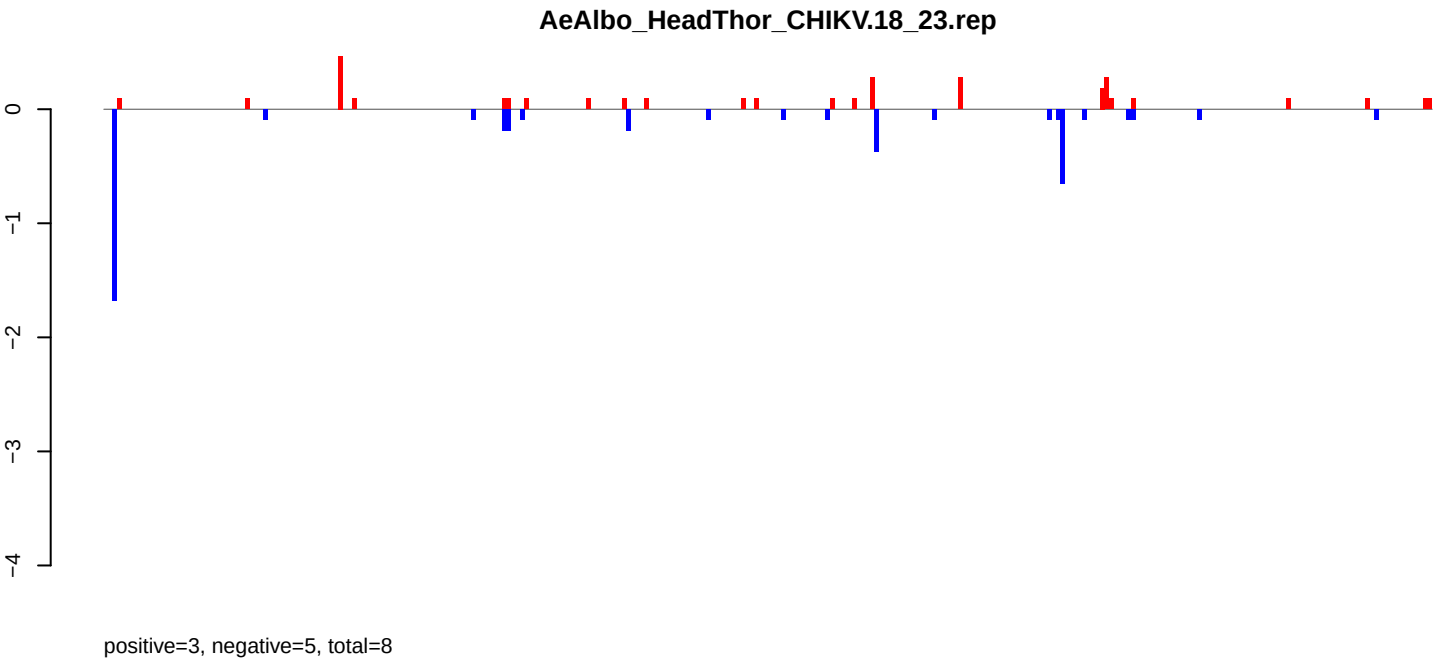

AeAlbo_HeadThor_CHIKV.18_23.rep
4
3
2
1
0
−1
positive=20, negative=4, total=23

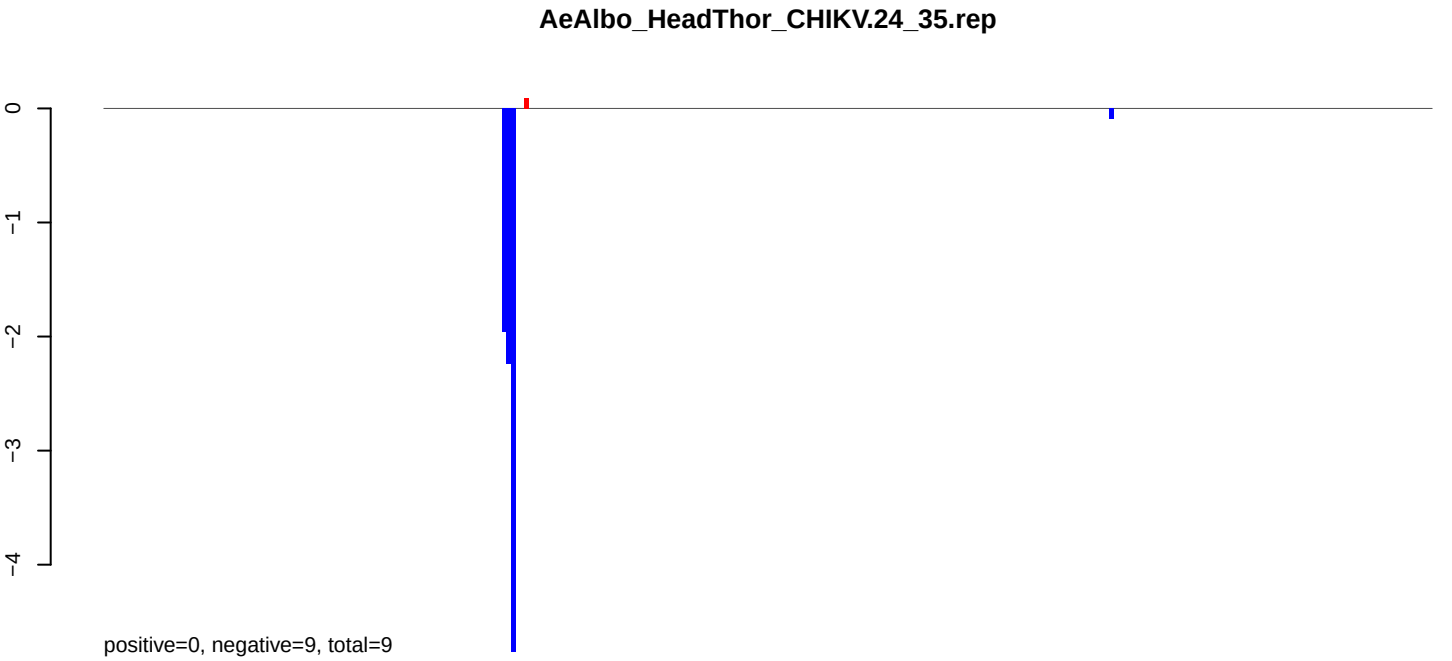

AeAlbo_HeadThor_CHIKV.24_35.rep
4
3
2
1
0
−1
positive=8, negative=0, total=8

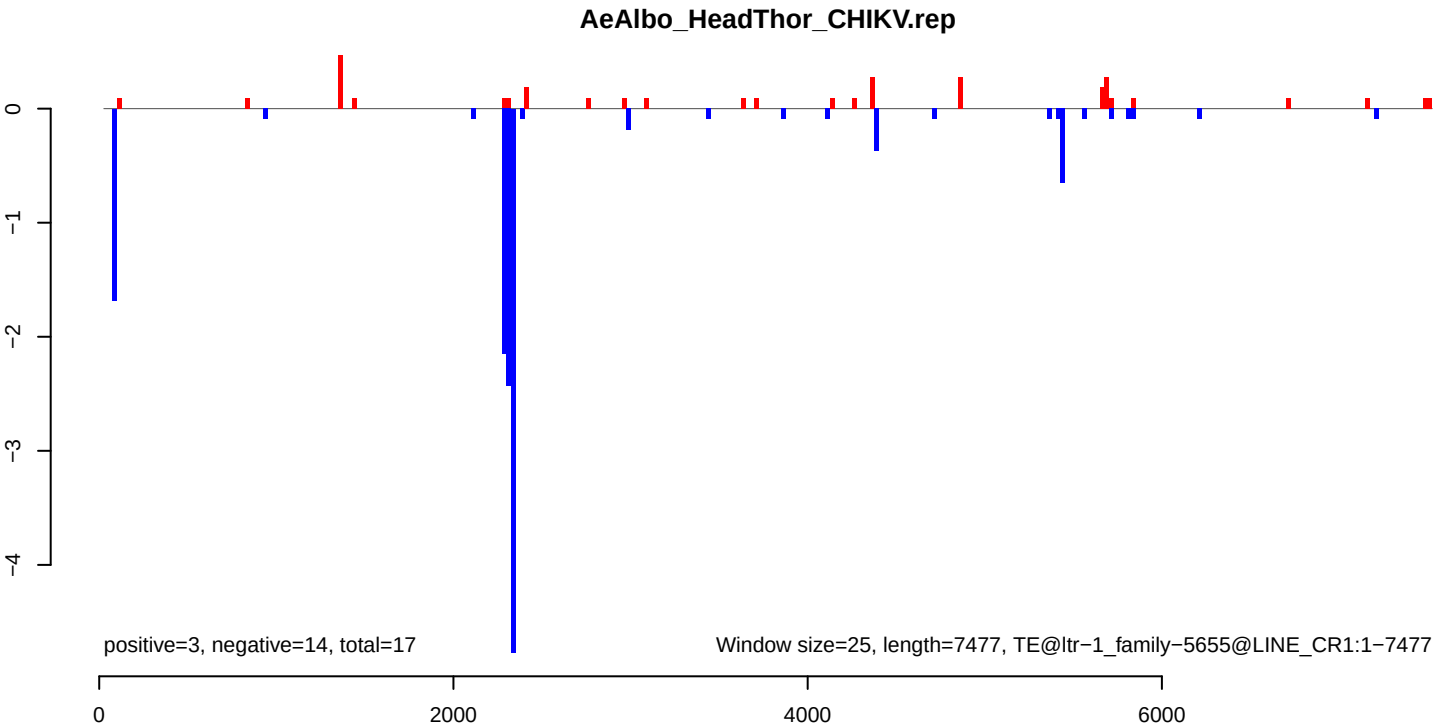

AeAlbo_HeadThor_CHIKV.rep
8
6
4
2
0
positive=27, negative=4, total=31
Window size=25, length=5101, TE@ltr−1_family−6083@LTR_Gypsy:1−5101
0
1000
2000
3000
4000
5000

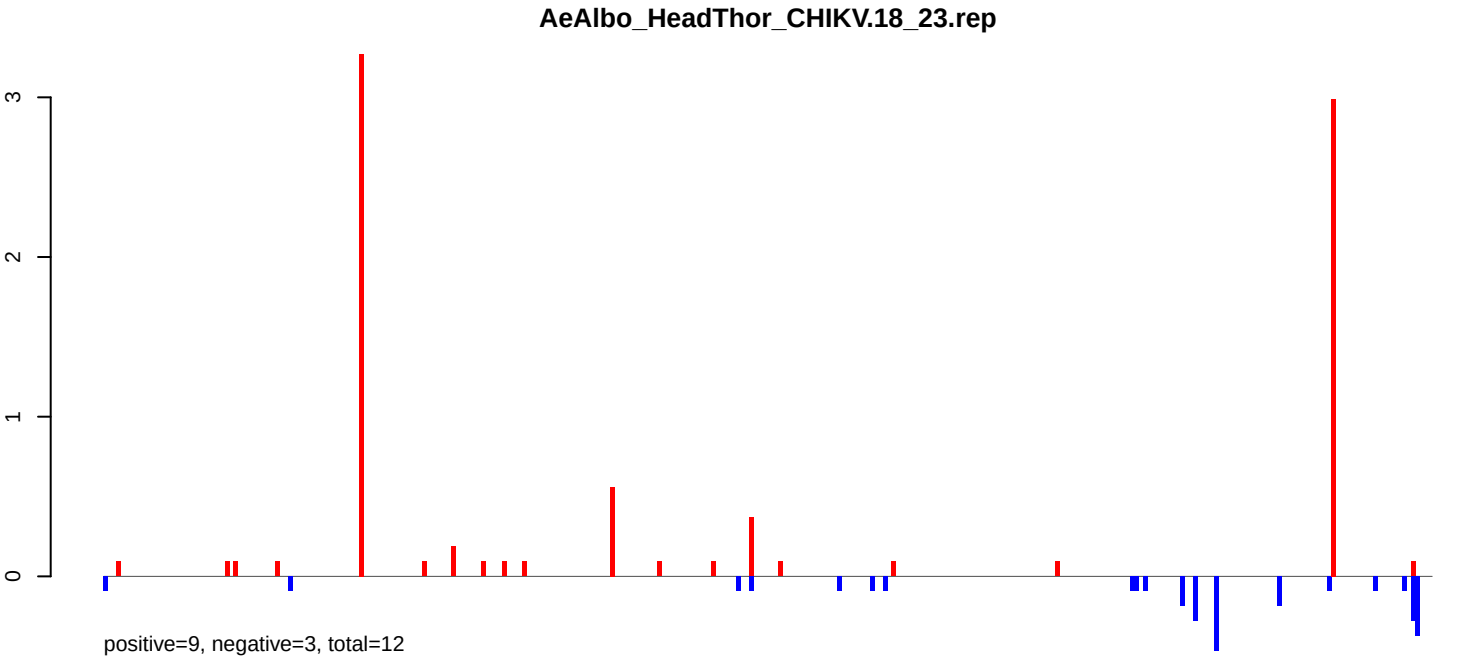

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=2, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=6, total=8
Window size=25, length=6458, TE@ltr−1_family−5960@LTR_Pao:1−6458
0
1000
2000
3000
4000
5000
6000

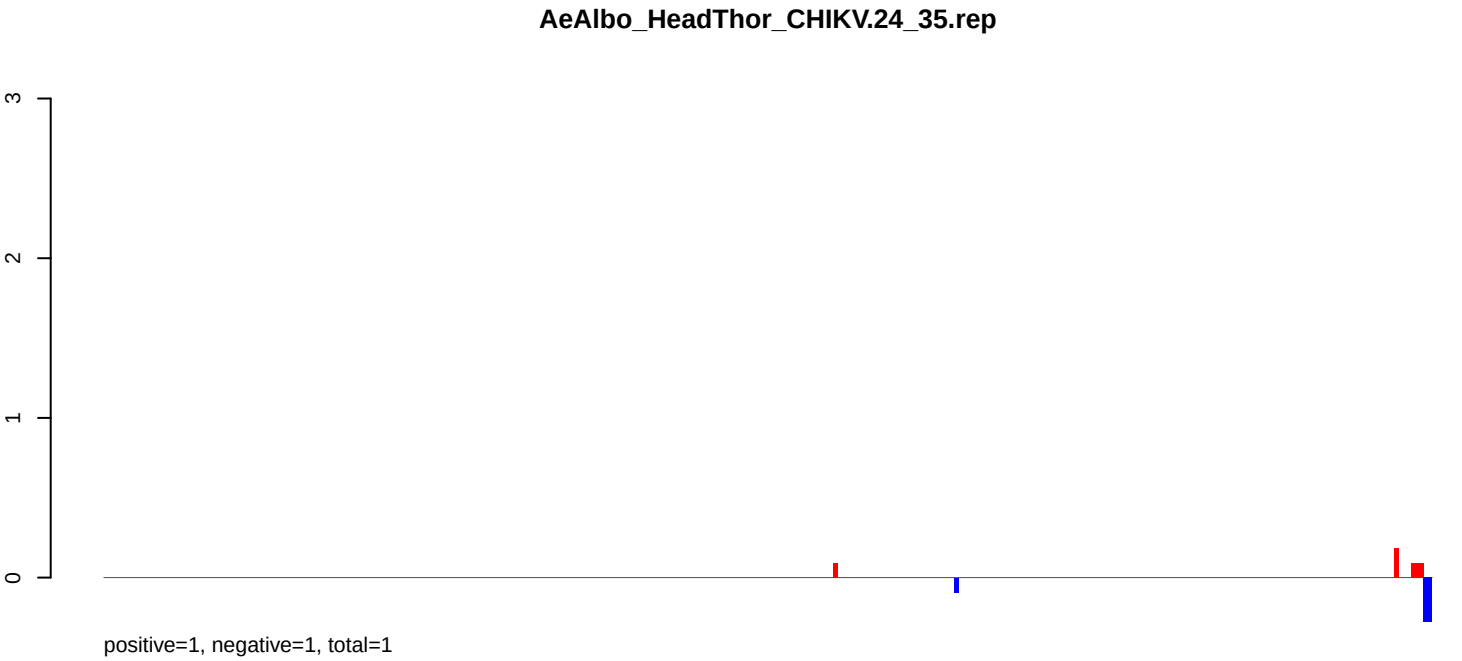

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=31, total=34
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=31, total=34
Window size=25, length=6930, TE@ltr−1_family−5892@LTR_Pao:1−6930
0
1000
2000
3000
4000
5000
6000
7000

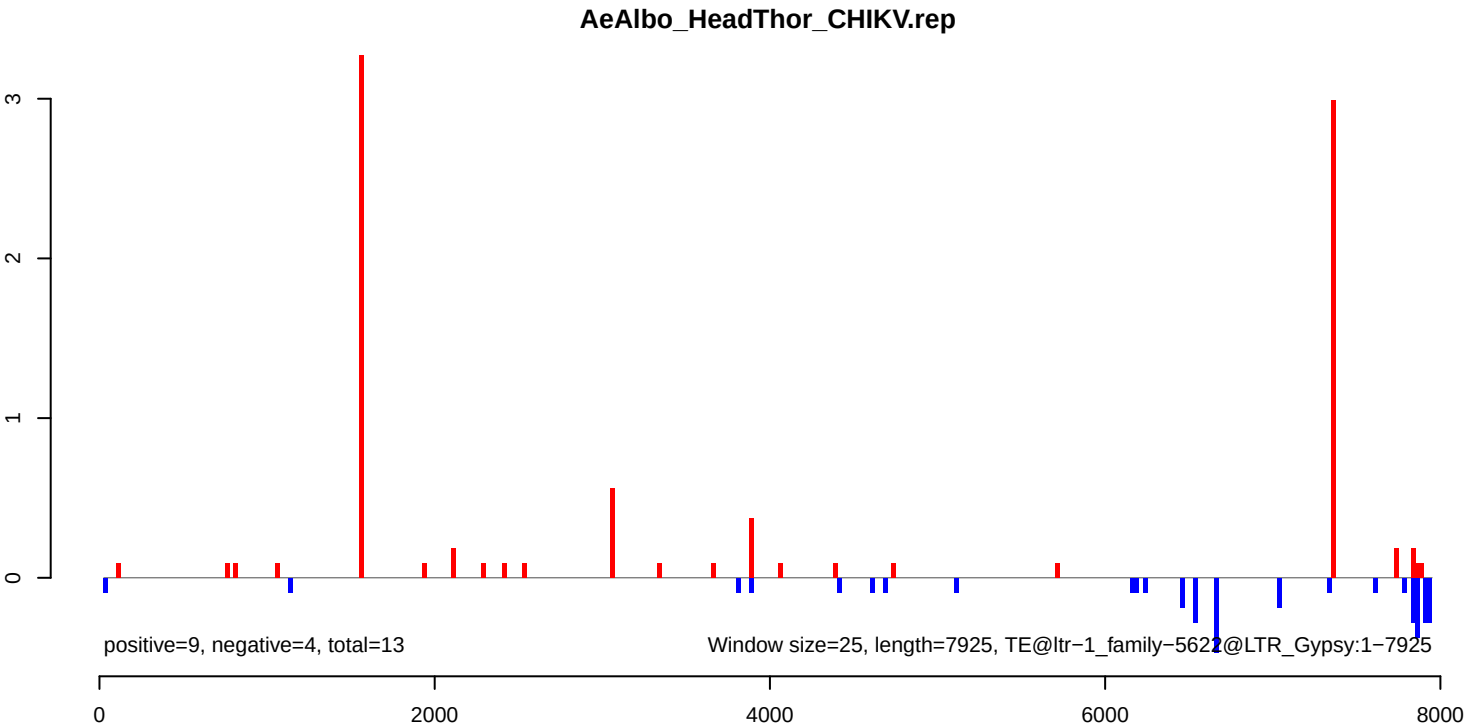

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=3, negative=5, total=8

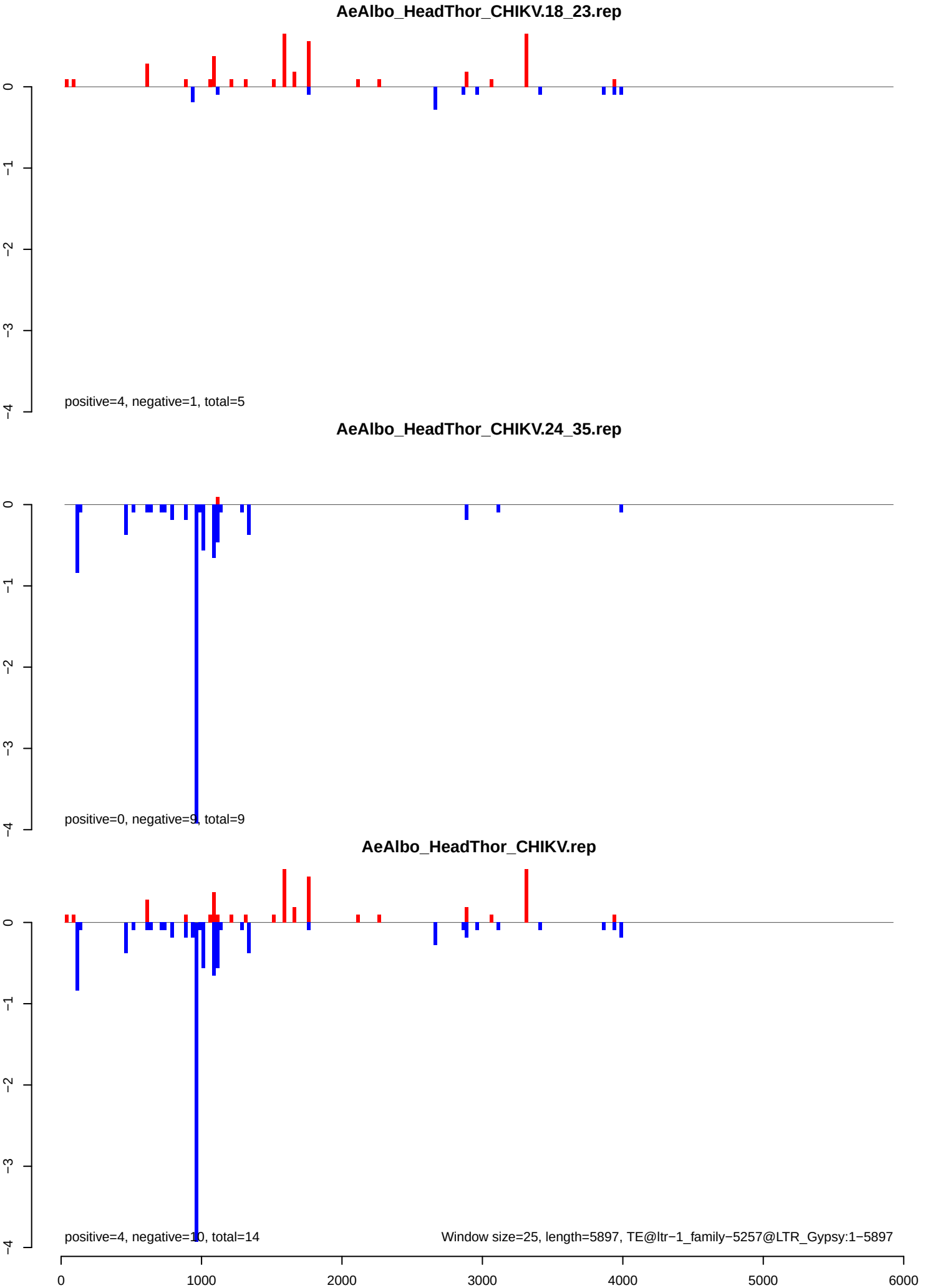

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=9, total=9

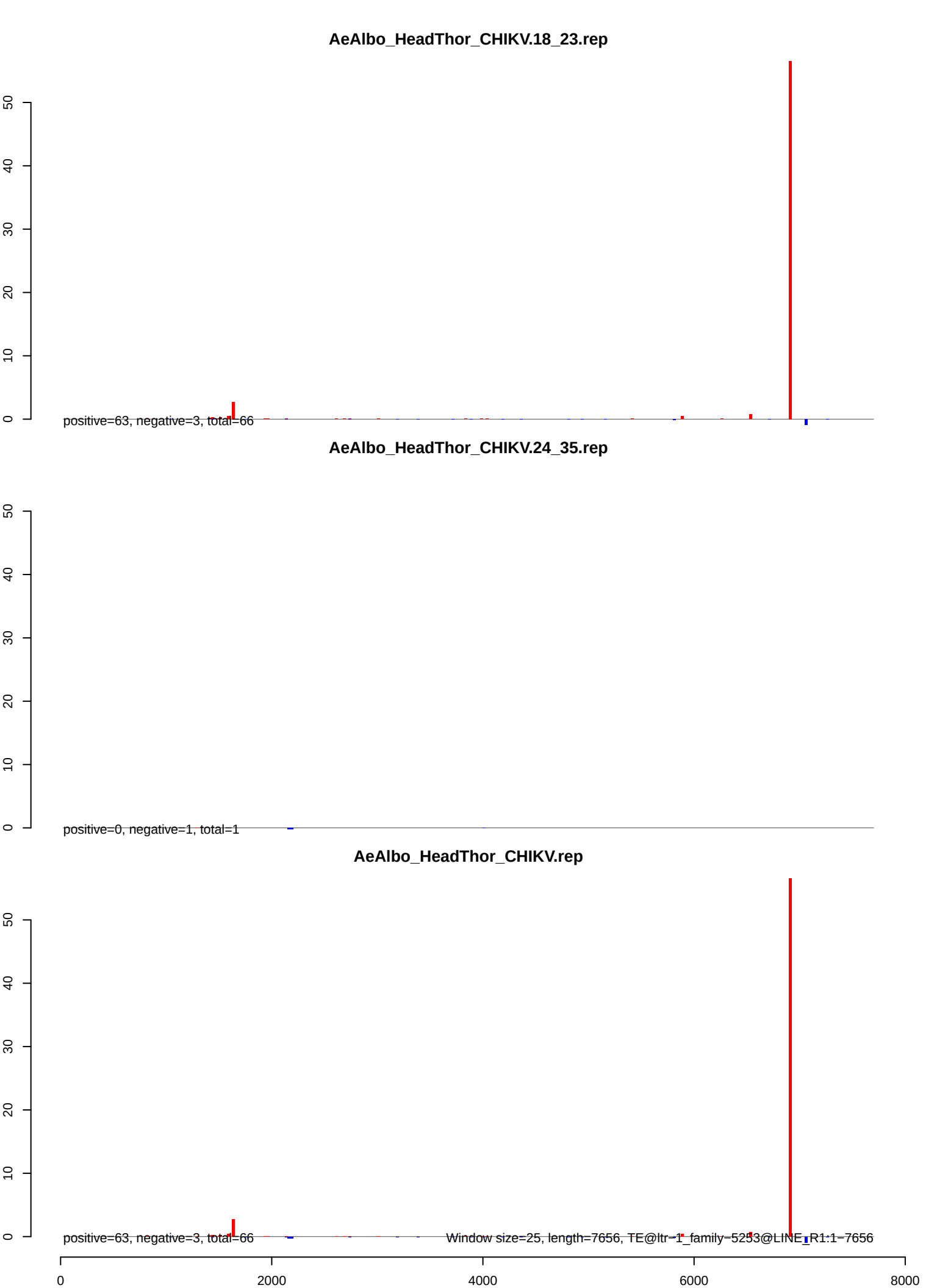

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=3, negative=14, total=17
Window size=25, length=7477, TE@ltr−1_family−5655@LINE_CR1:1−7477
0
2000
4000
6000

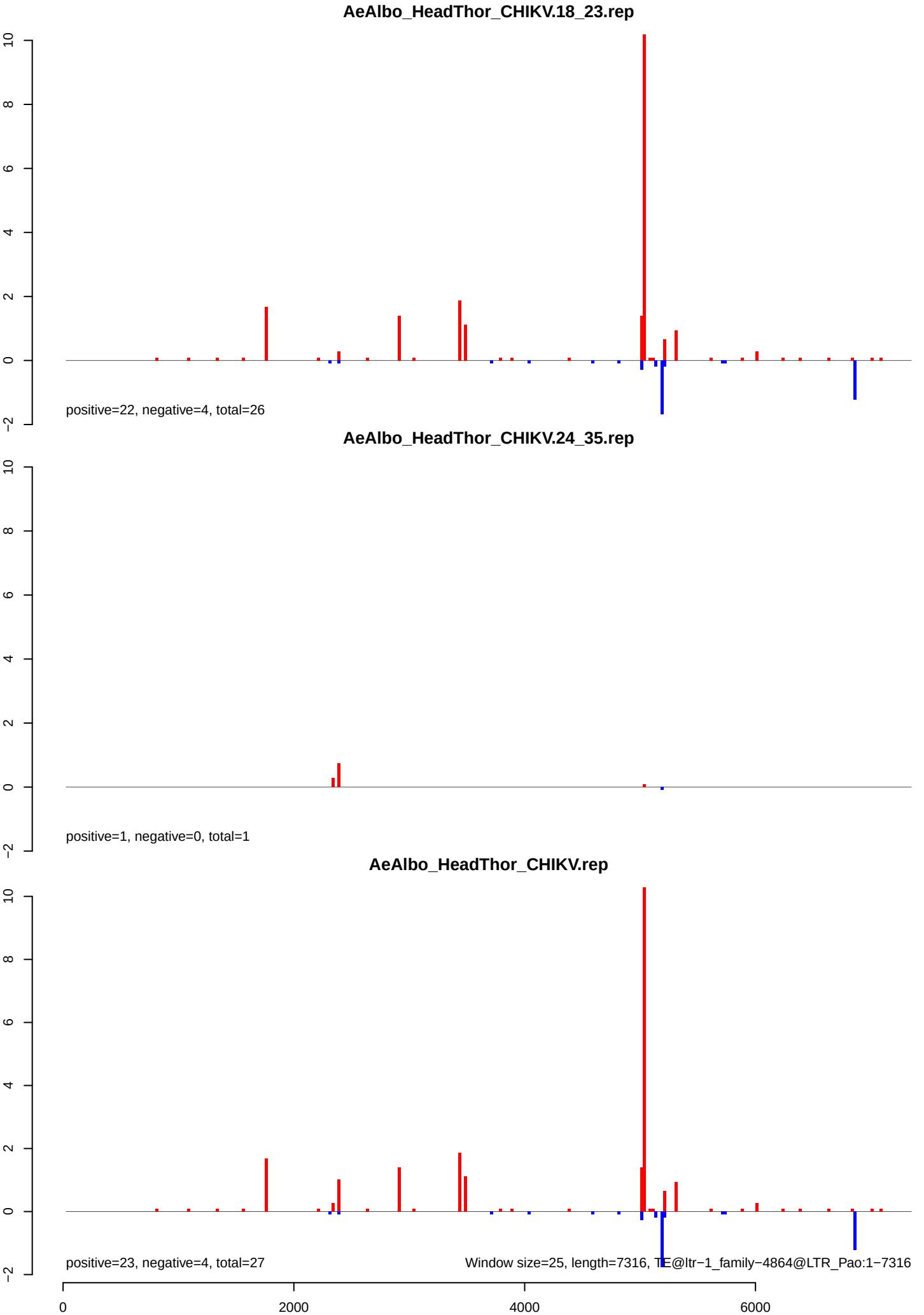

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=9, negative=3, total=12

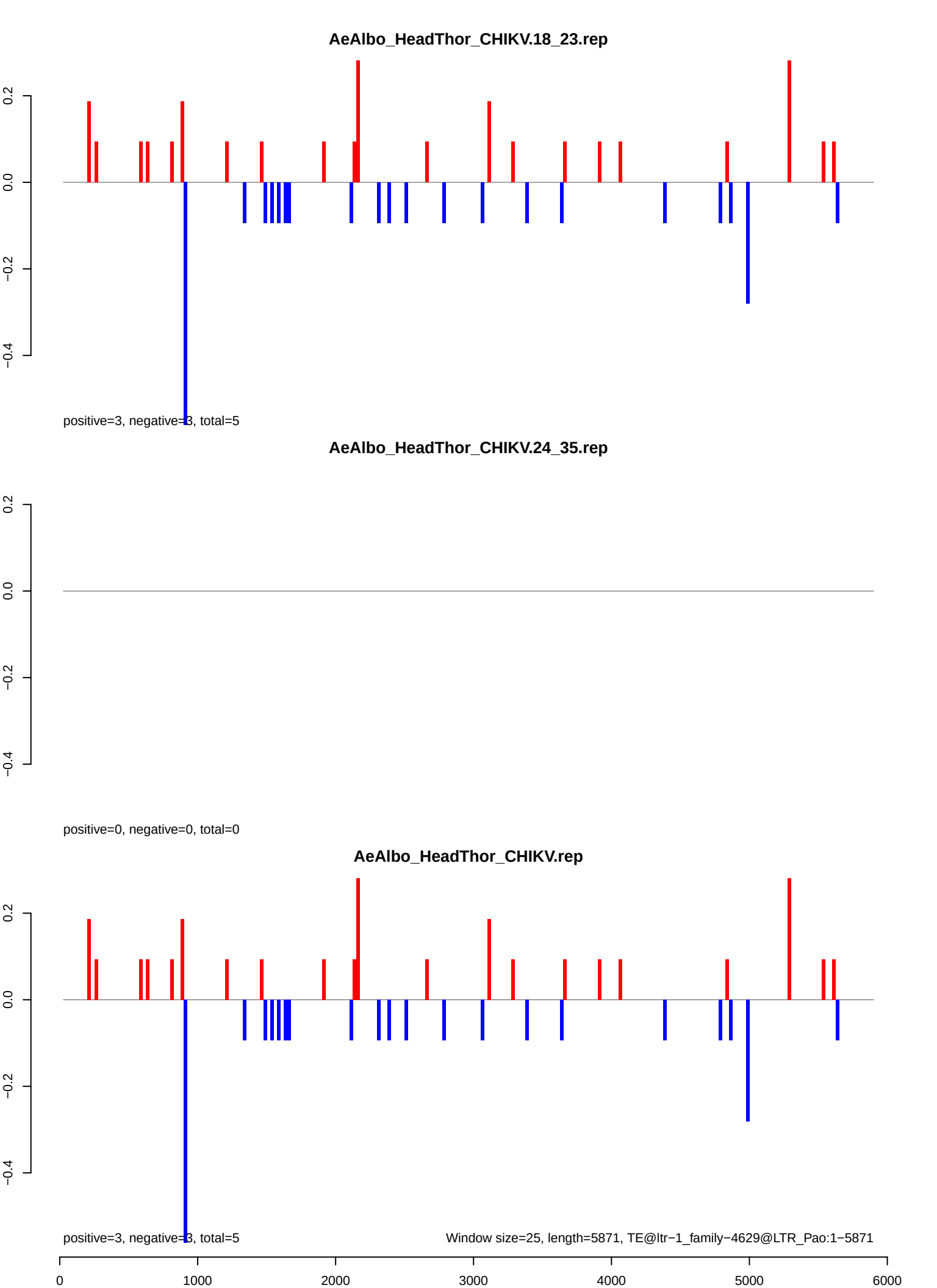

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=1, negative=1, total=1

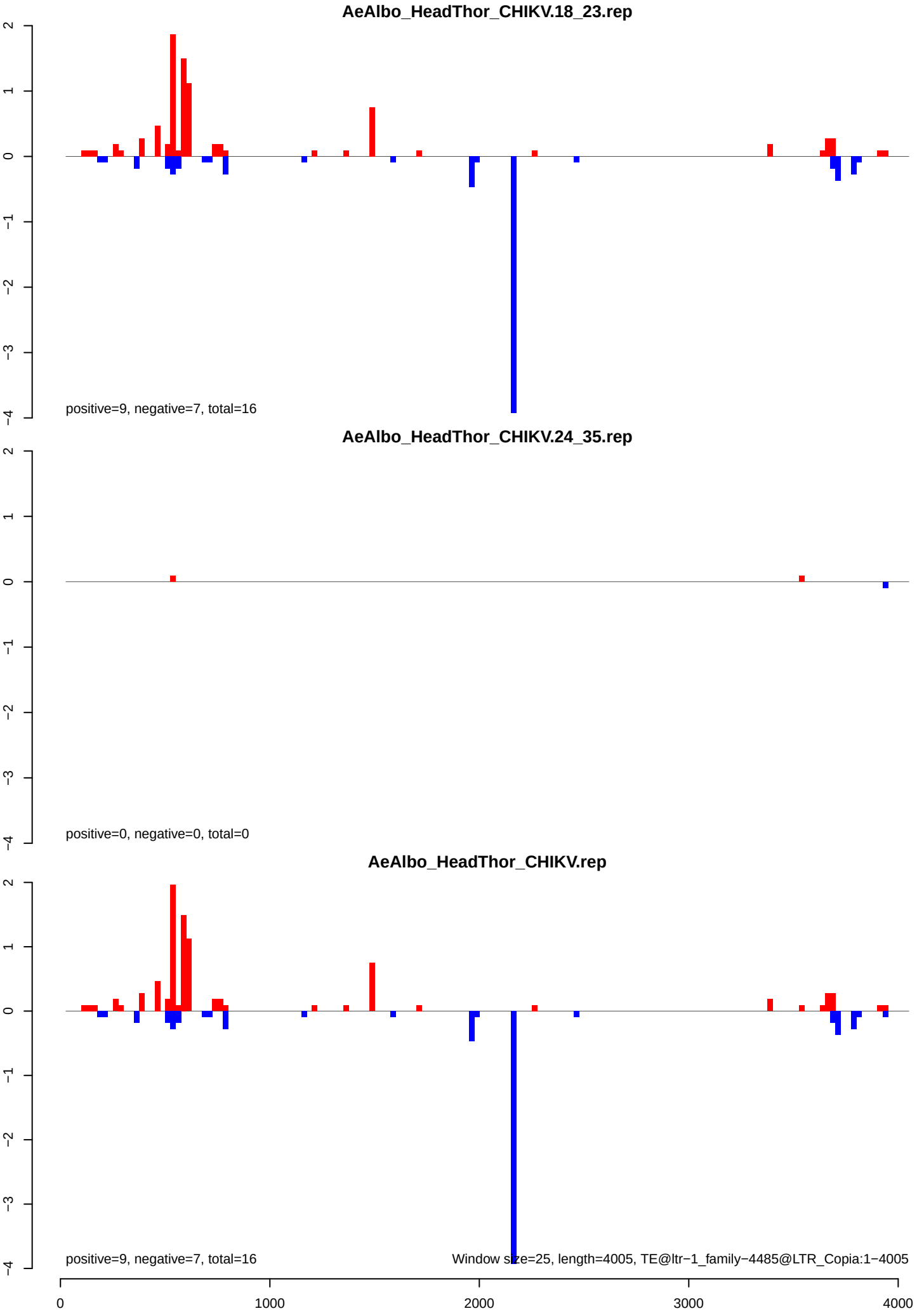

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=9, negative=4, total=13
Window size=25, length=7925, TE@ltr−1_family−5622@LTR_Gypsy:1−7925
0
2000
4000
6000
8000

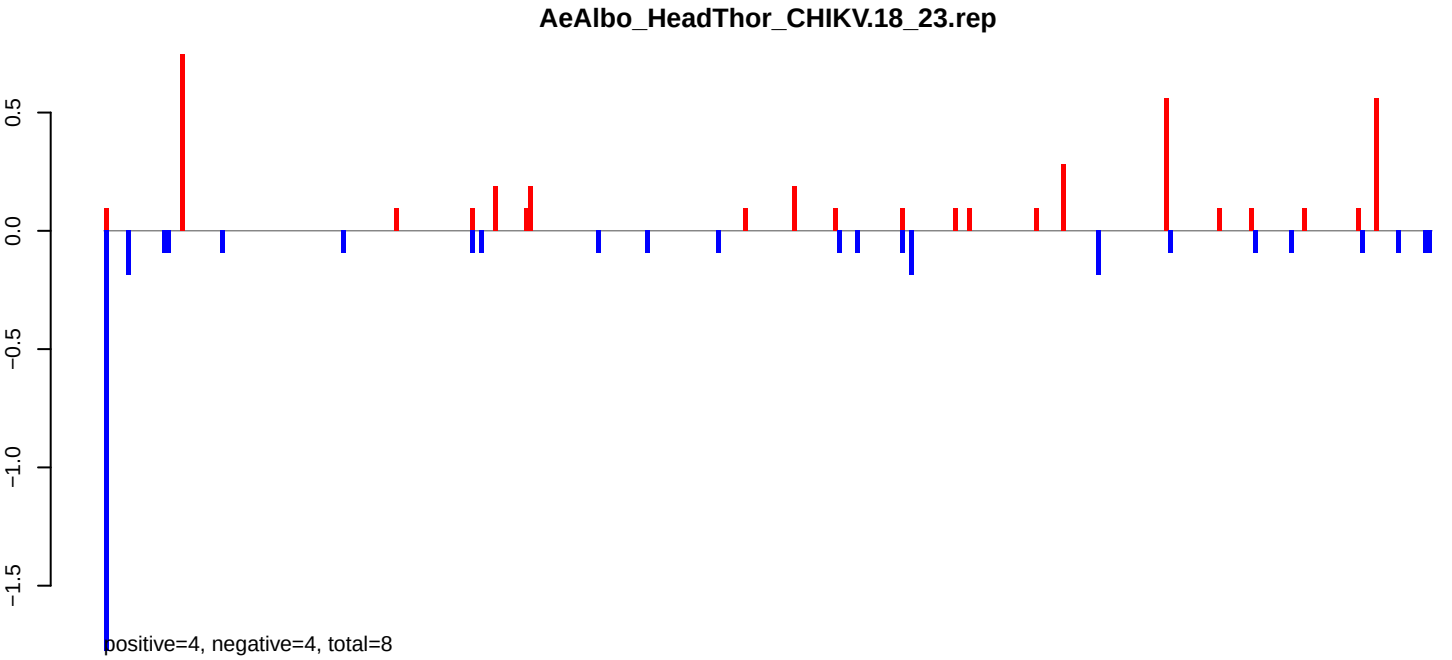

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=9, total=9
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=10, total=14
Window size=25, length=5897, TE@ltr−1_family−5257@LTR_Gypsy:1−5897
0
1000
2000
3000
4000
5000
6000

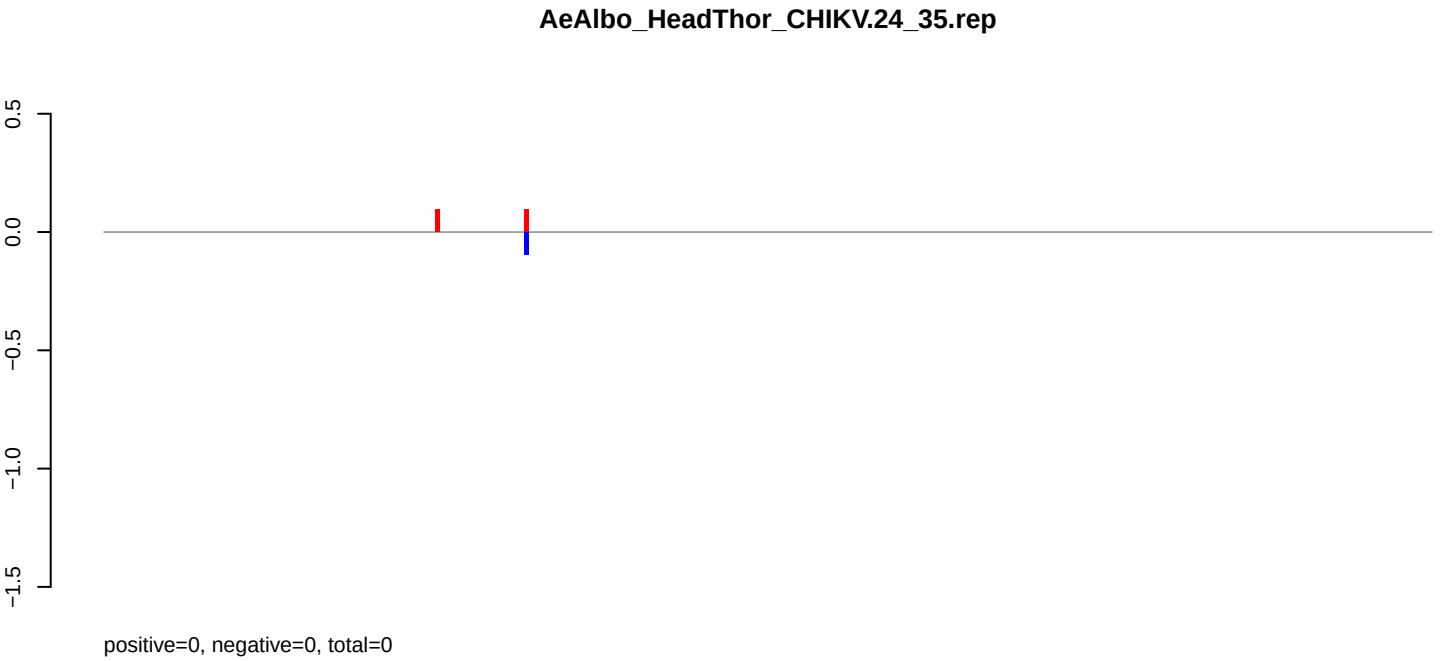

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
50
positive=63, negative=3, total=66
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
50
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
50
positive=63, negative=3, total=66
Window size=25, length=7656, TE@ltr-1_family-5253@LINE_R1:1-7656
0
2000
4000
6000
8000

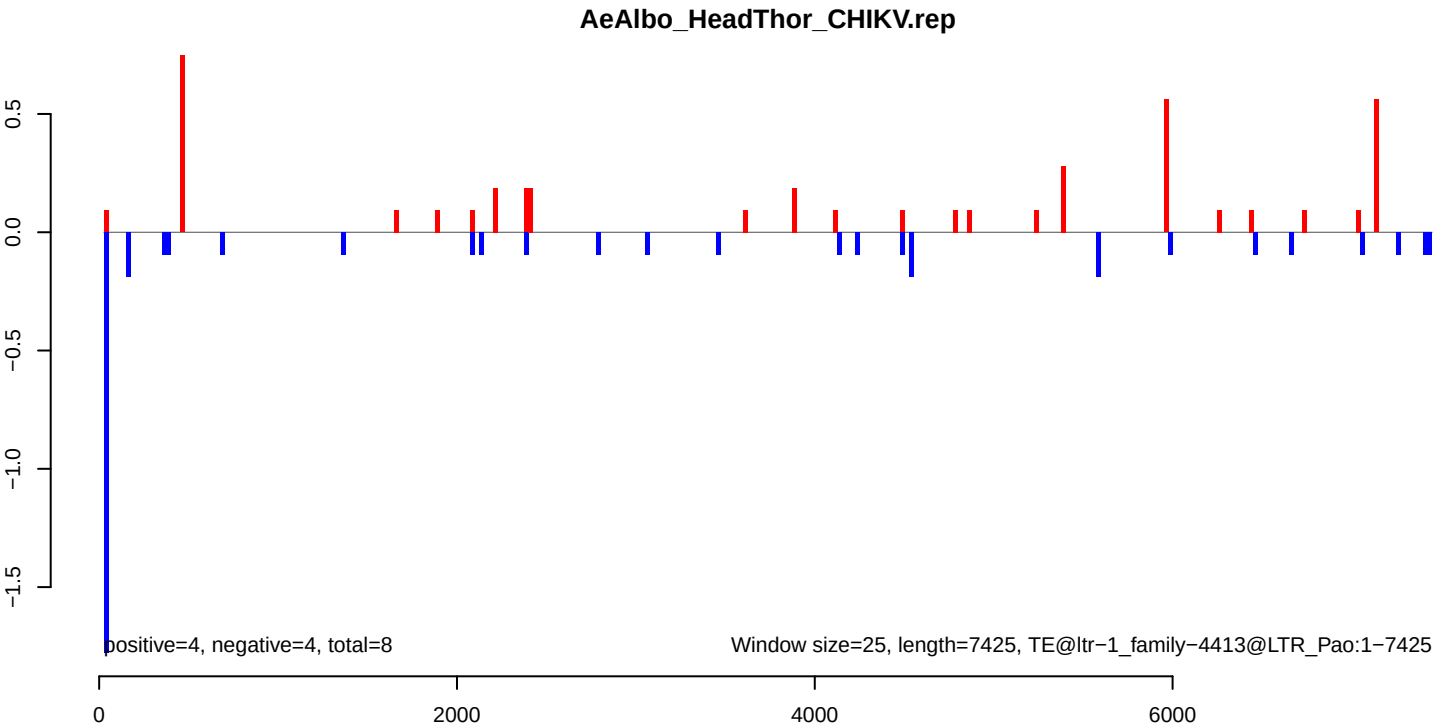

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=22, negative=4, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=23, negative=4, total=27
Window size=25, length=7316, TE@ltr−1_family−4864@LTR_Pao:1−7316
10
8
6
4
2
0
−2
0
2000
4000
6000

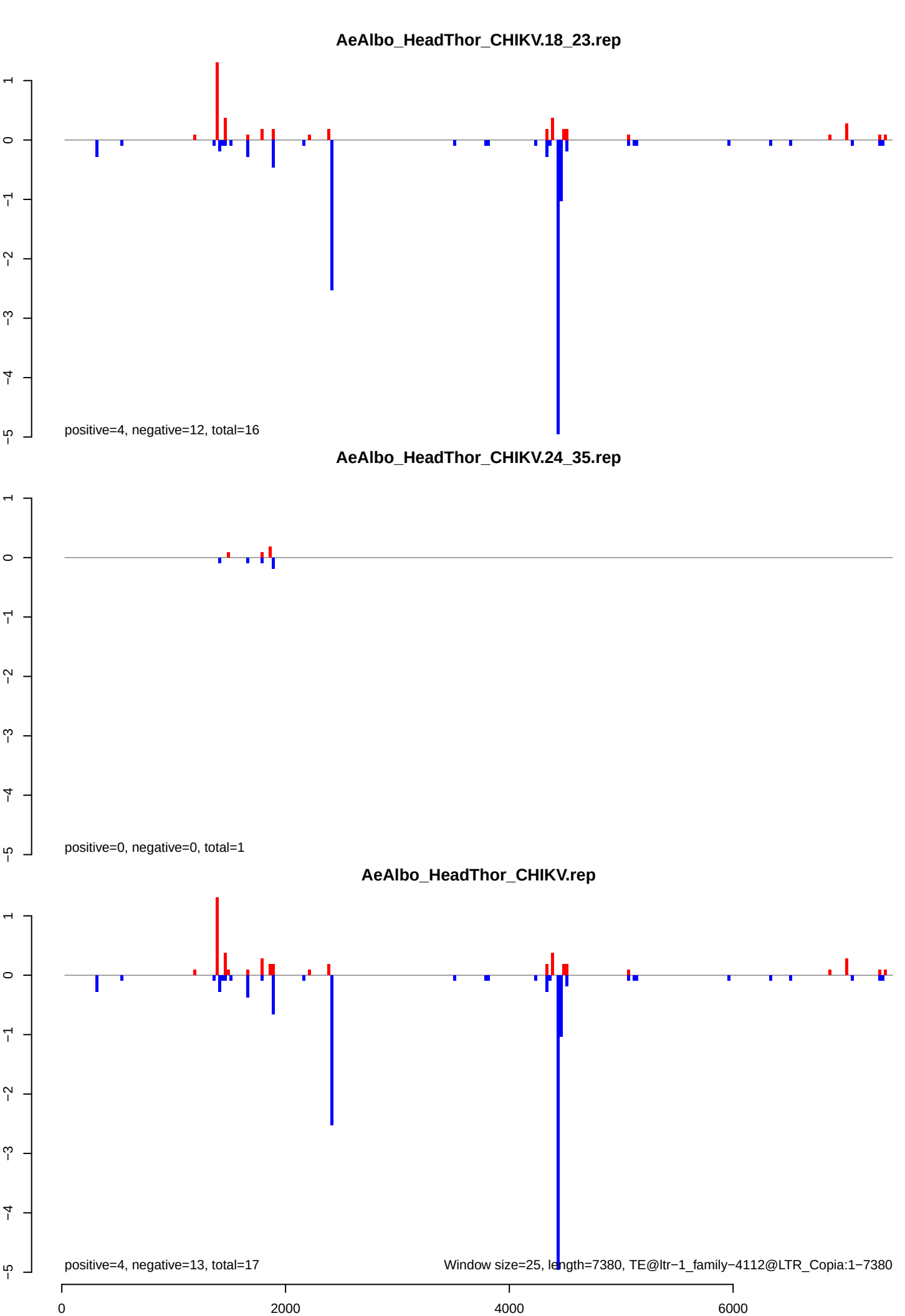

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=3, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=3, negative=3, total=5
Window size=25, length=5871, TE@ltr−1_family−4629@LTR_Pao:1−5871
0
1000
2000
3000
4000
5000
6000

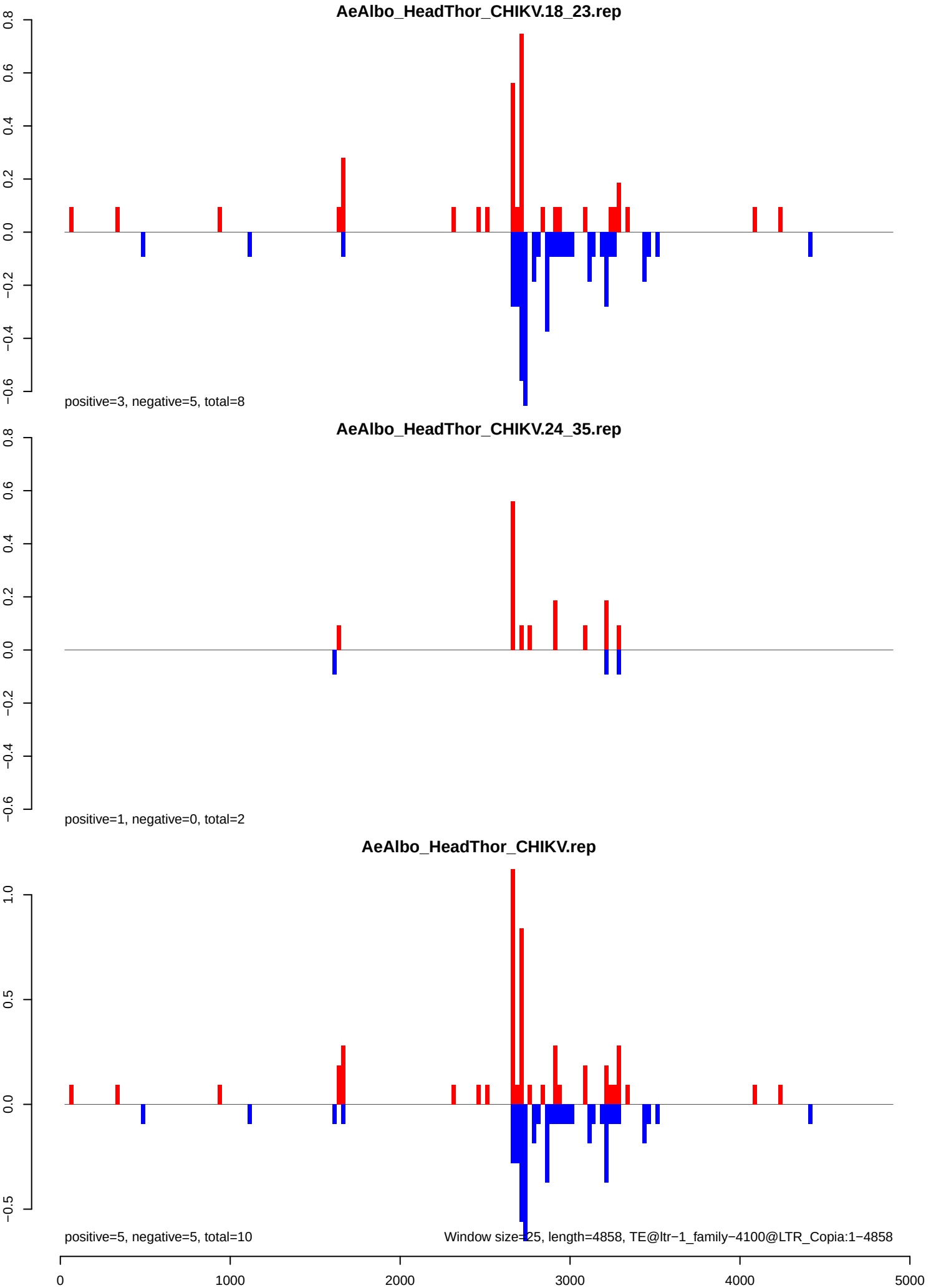

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=7, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=7, total=16
Window size=25, length=4005, TE@ltr−1_family−4485@LTR_Copia:1−4005
2
1
0
−1
−2
−3
−4
0
1000
2000
3000
4000

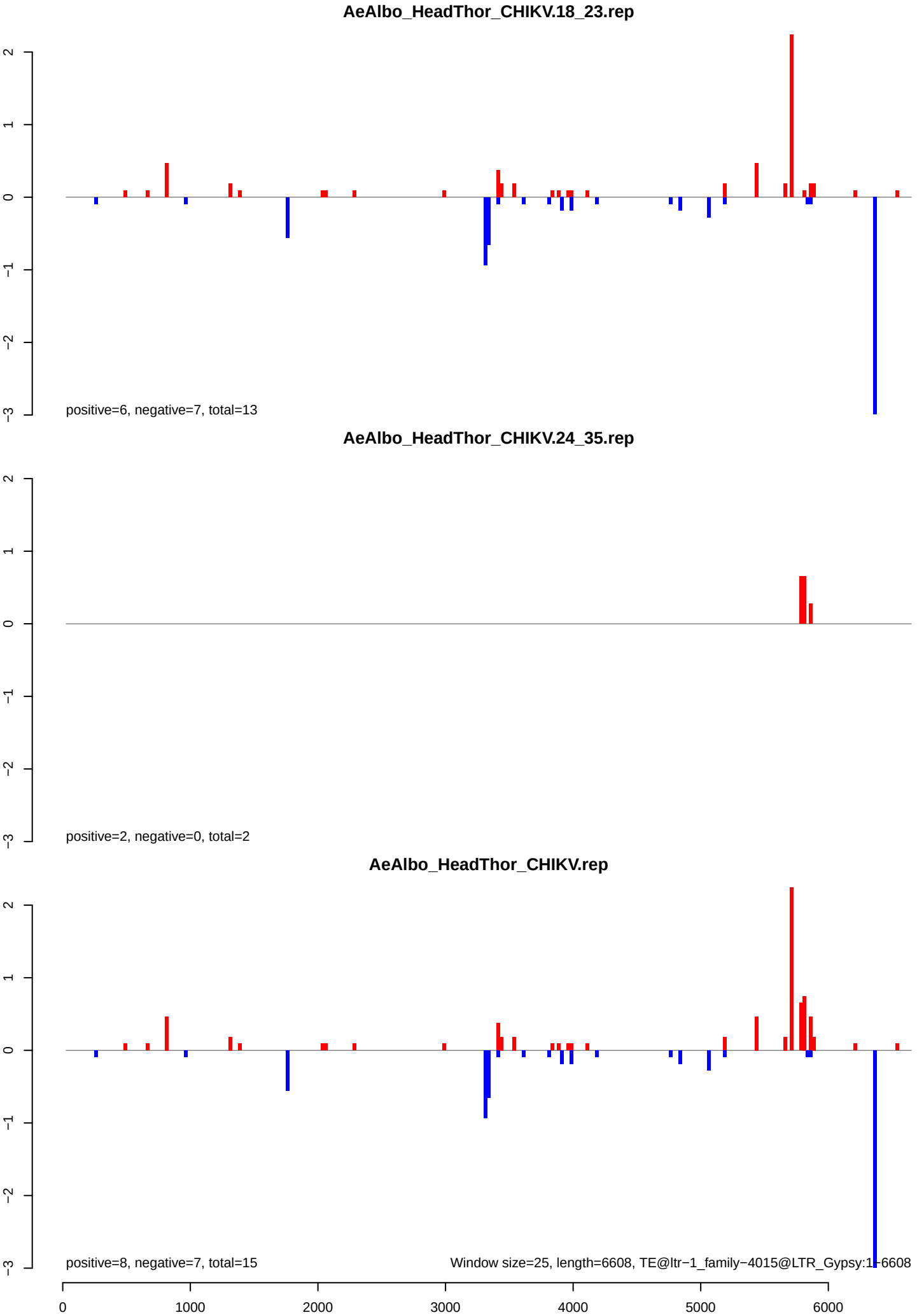

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=4, total=8

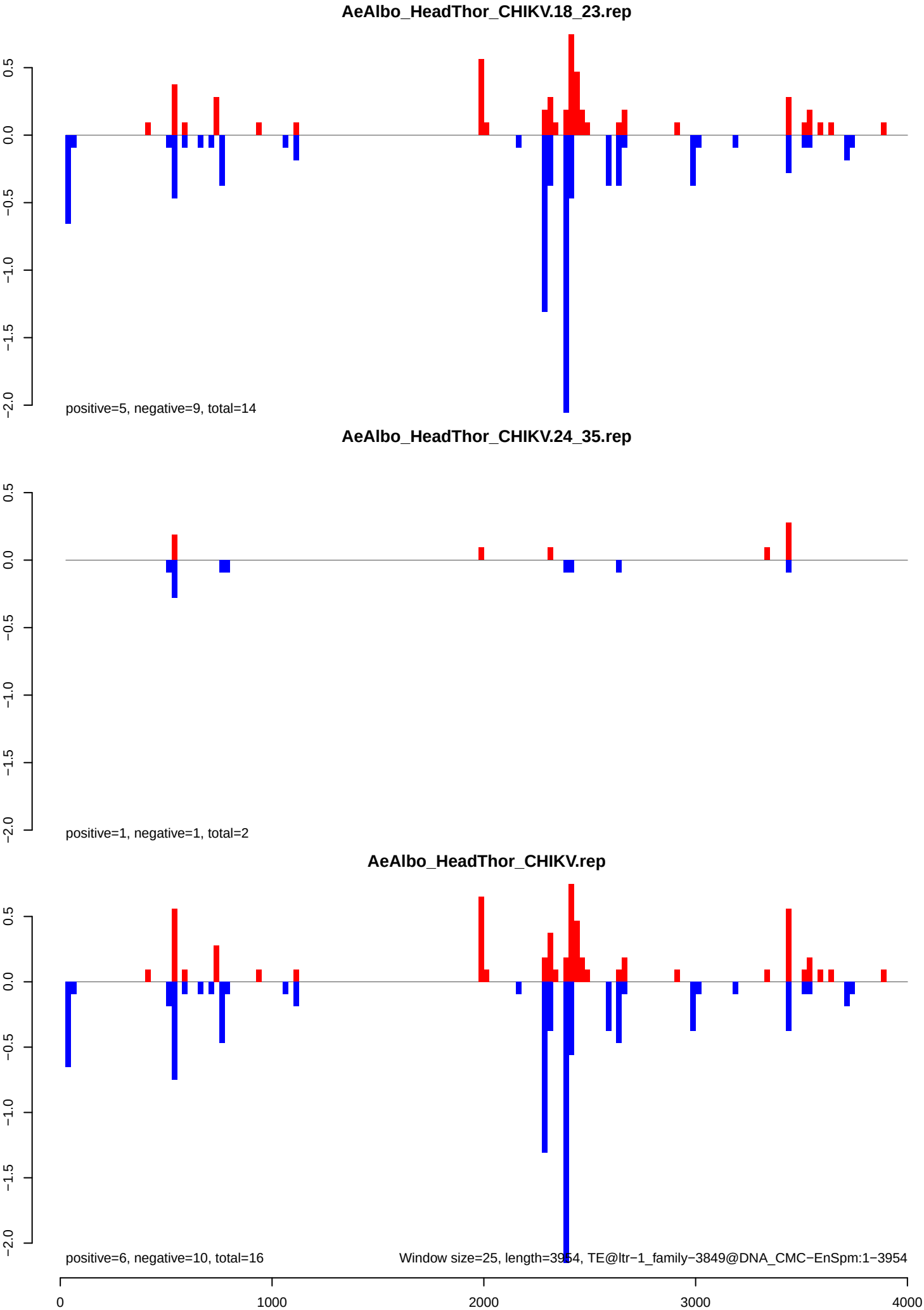

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

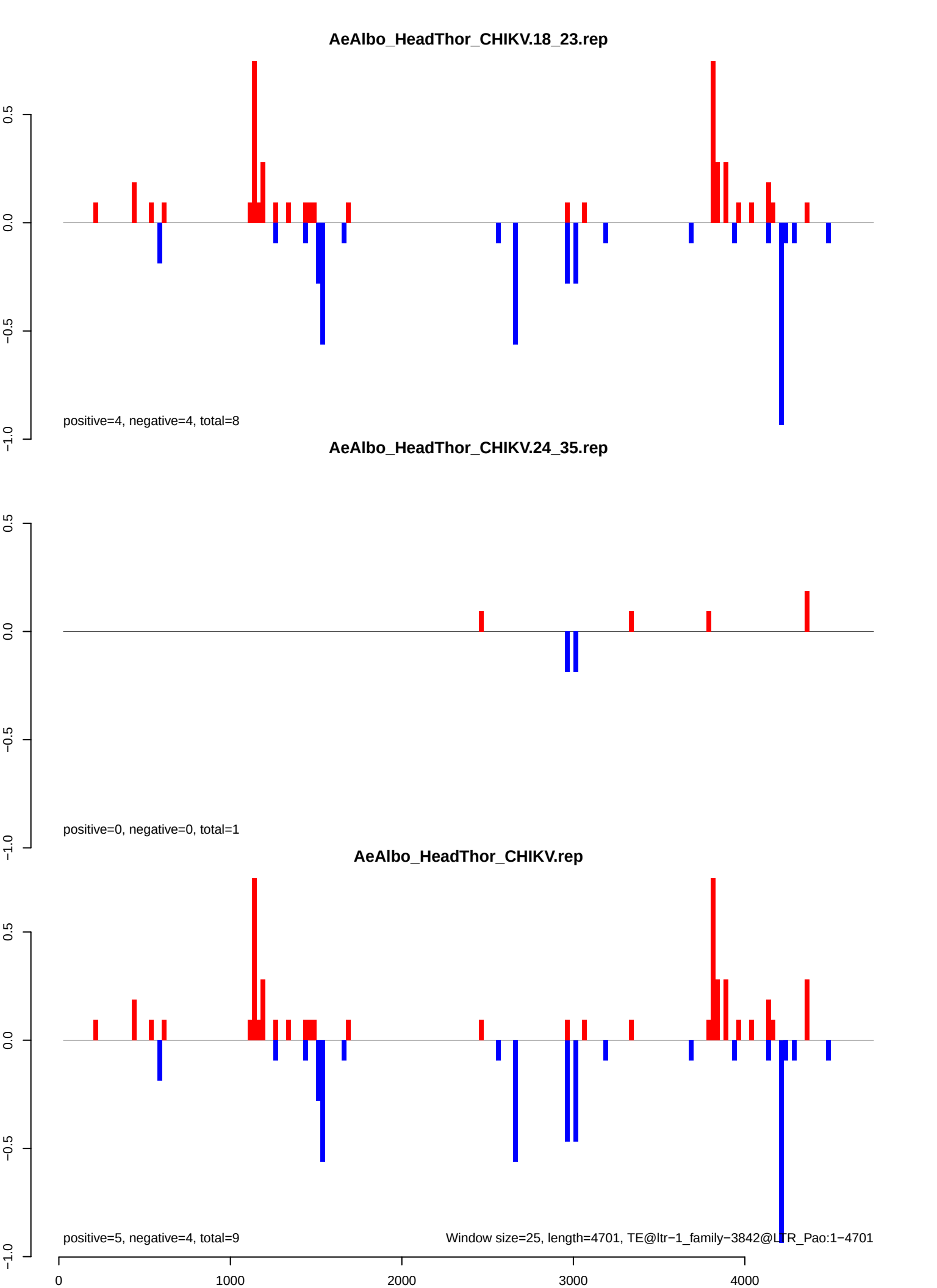

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=4, total=8
Window size=25, length=7425, TE@ltr−1_family−4413@LTR_Pao:1−7425
0
2000
4000
6000

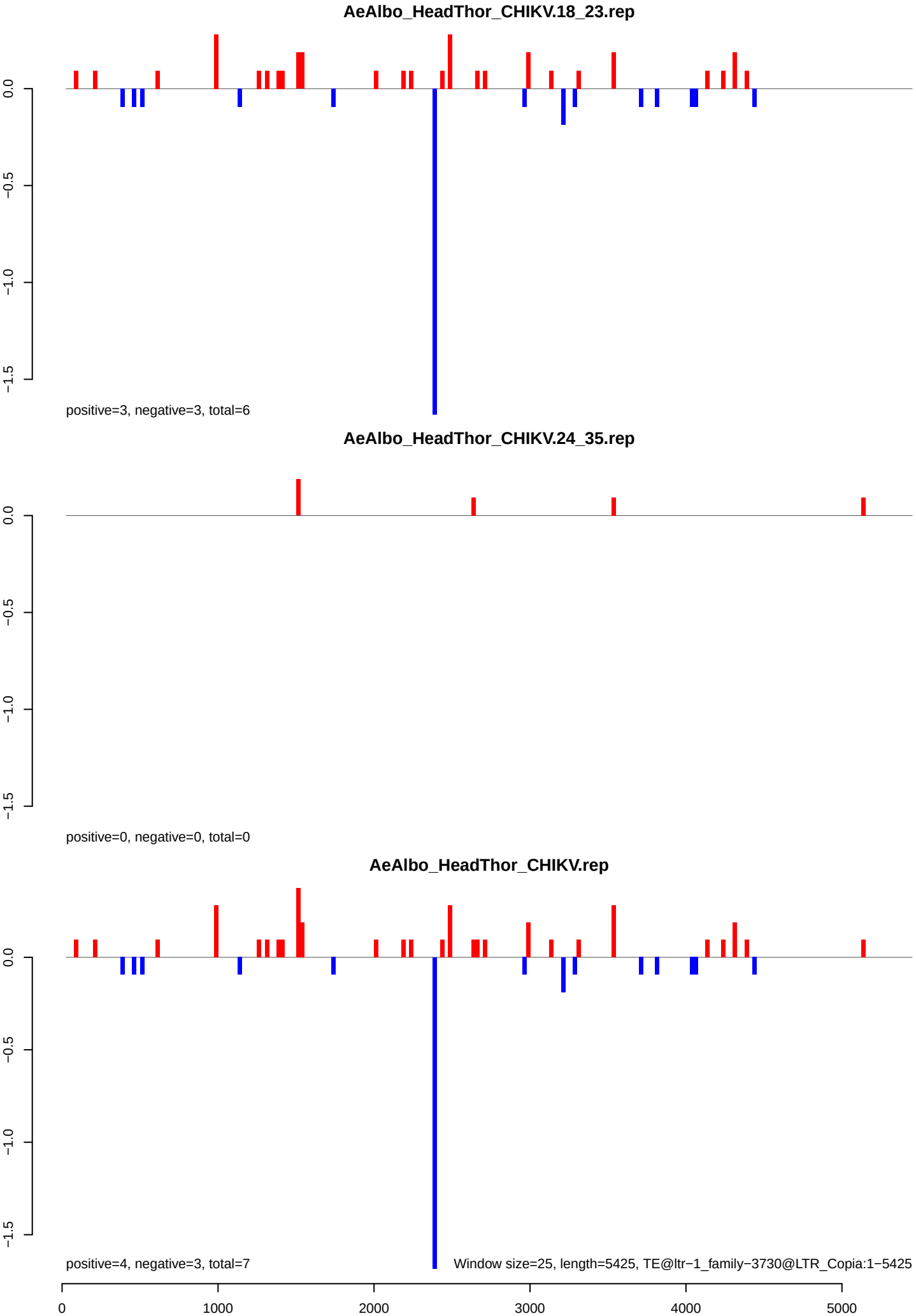

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=12, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=13, total=17
Window size=25, length=7380, TE@ltr−1_family−4112@LTR_Copia:1−7380
1
0
−1
−2
−3
−4
−5
0
2000
4000
6000

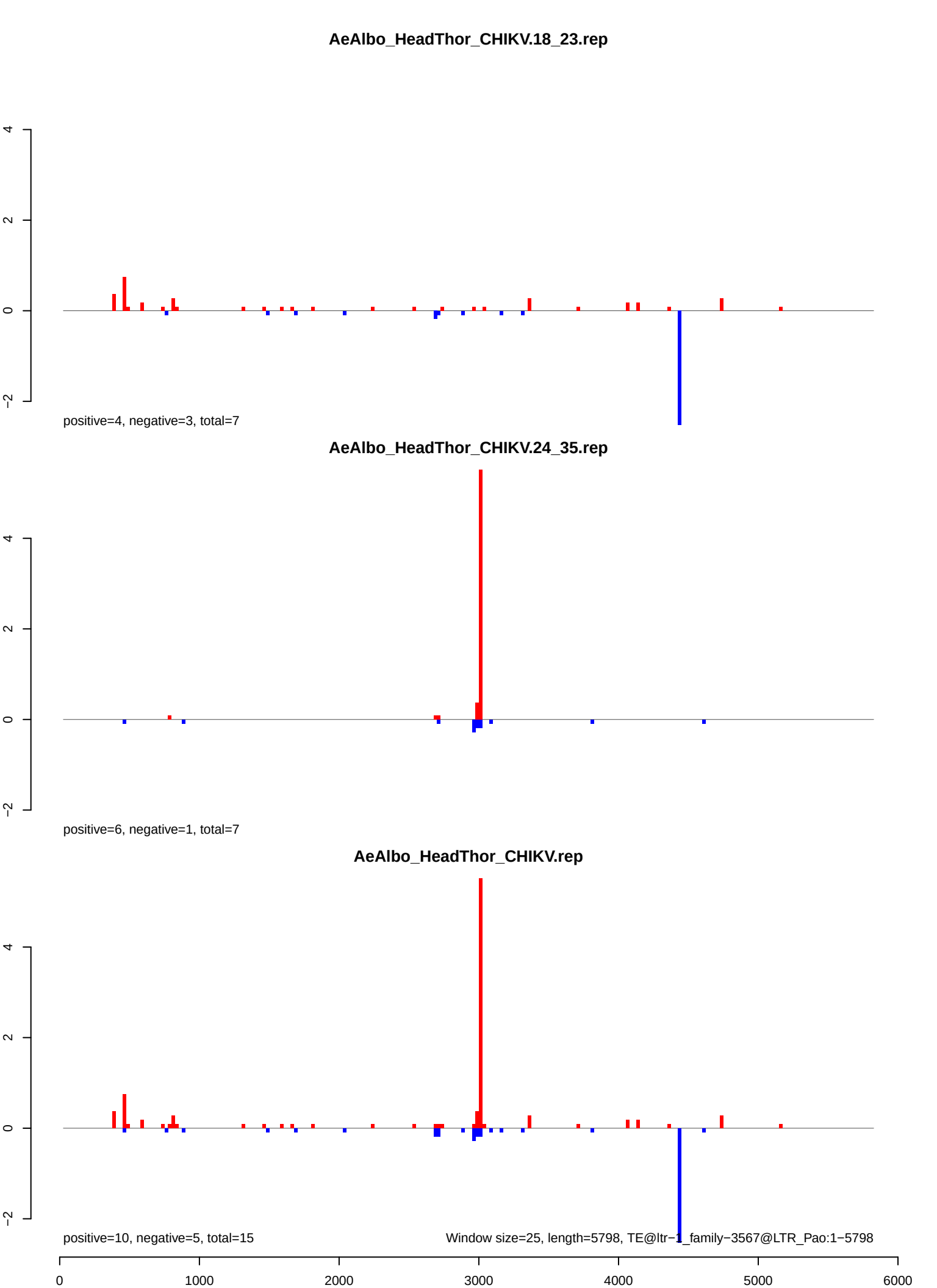

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=5, total=10
Window size=25, length=4858, TE@ltr−1_family−4100@LTR_Copia:1−4858
0
1000
2000
3000
4000
5000

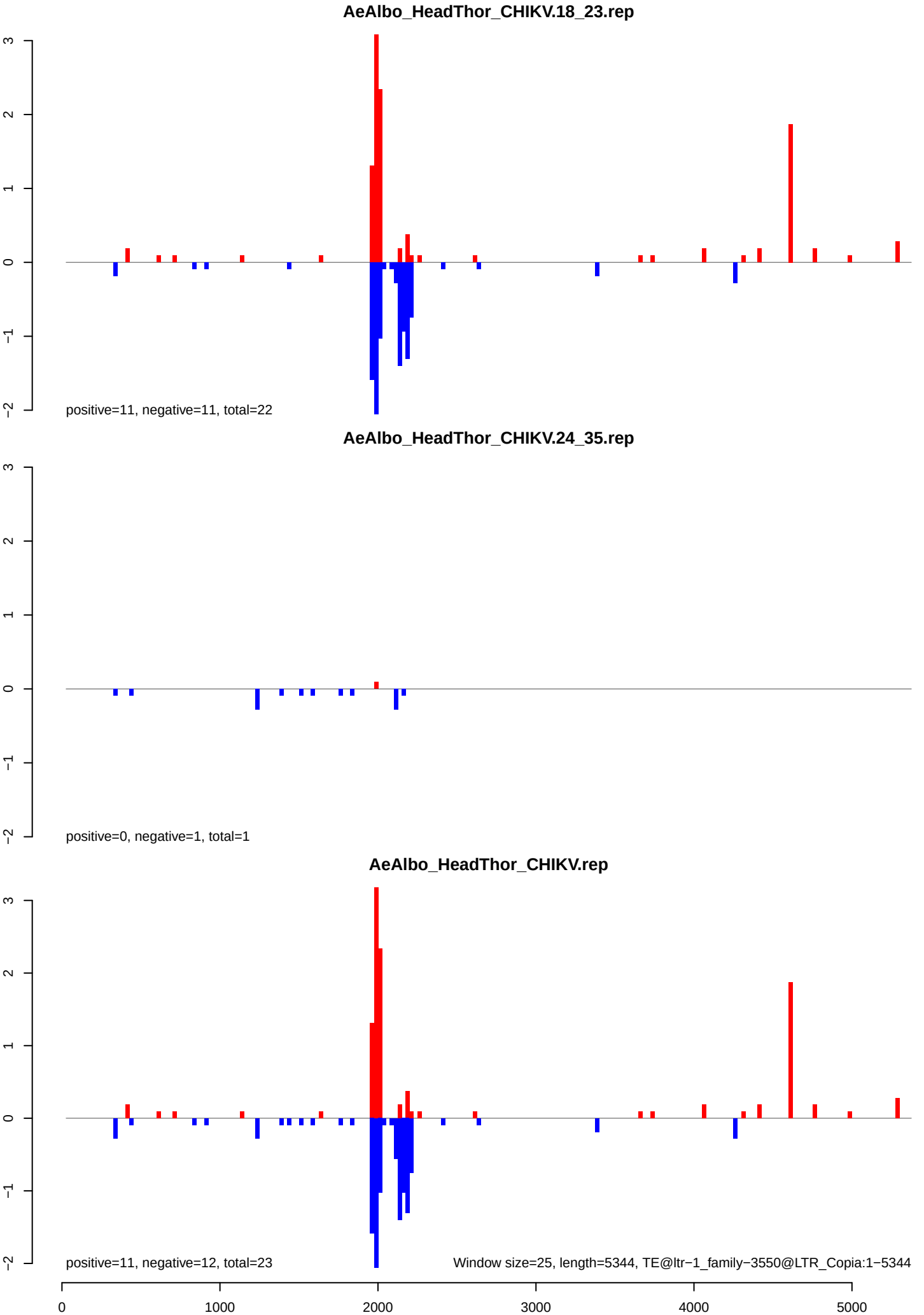

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=7, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=7, total=15
Window size=25, length=6608, TE@ltr−1_family−4015@LTR_Gypsy:1−6608
2
1
0
−1
−2
−3
0
1000
2000
3000
4000
5000
6000

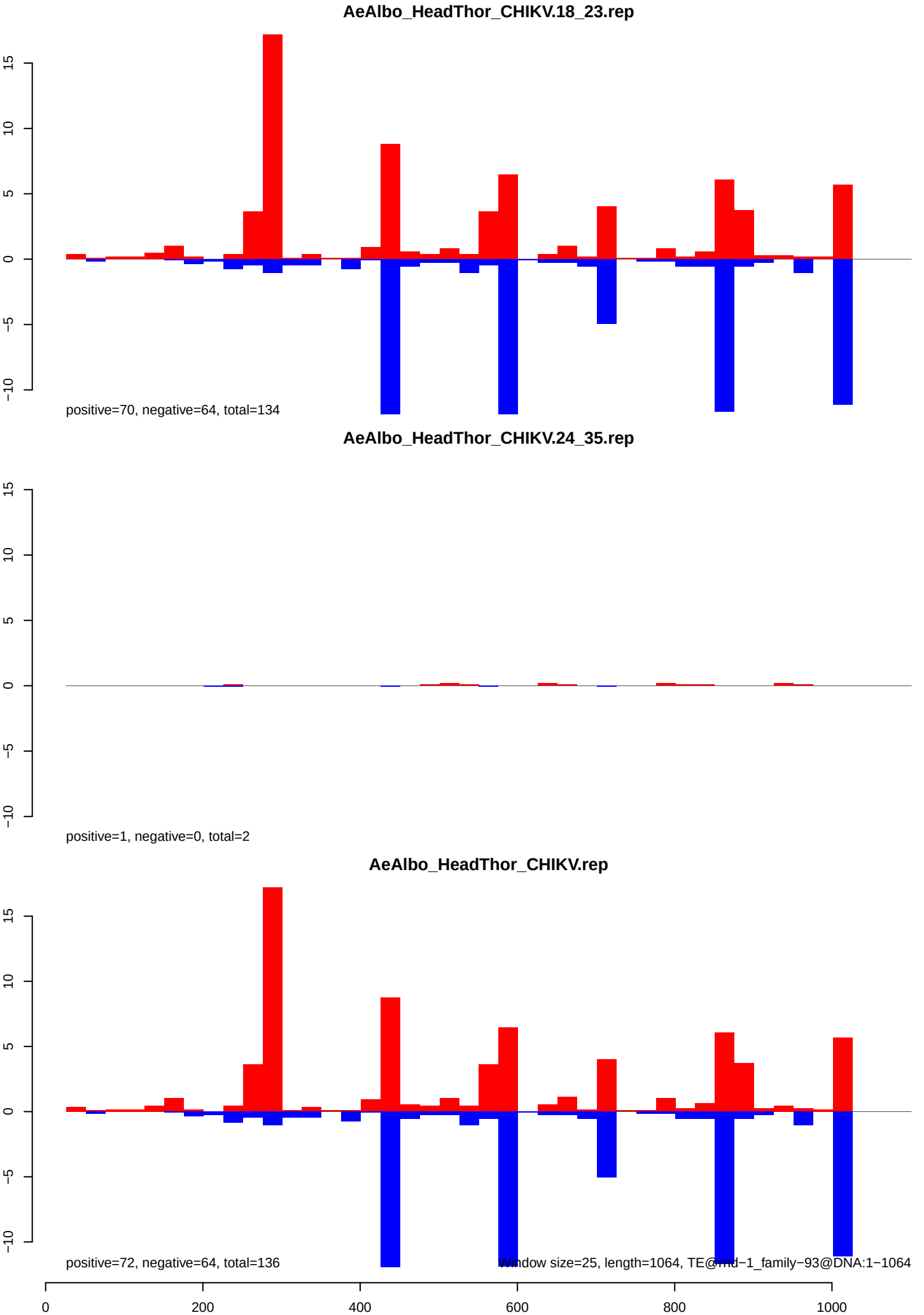

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=5, negative=9, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=10, total=16
Window size=25, length=3954, TE@ltr−1_family−3849@DNA_CMC−EnSpm:1−3954
0
1000
2000
3000
4000

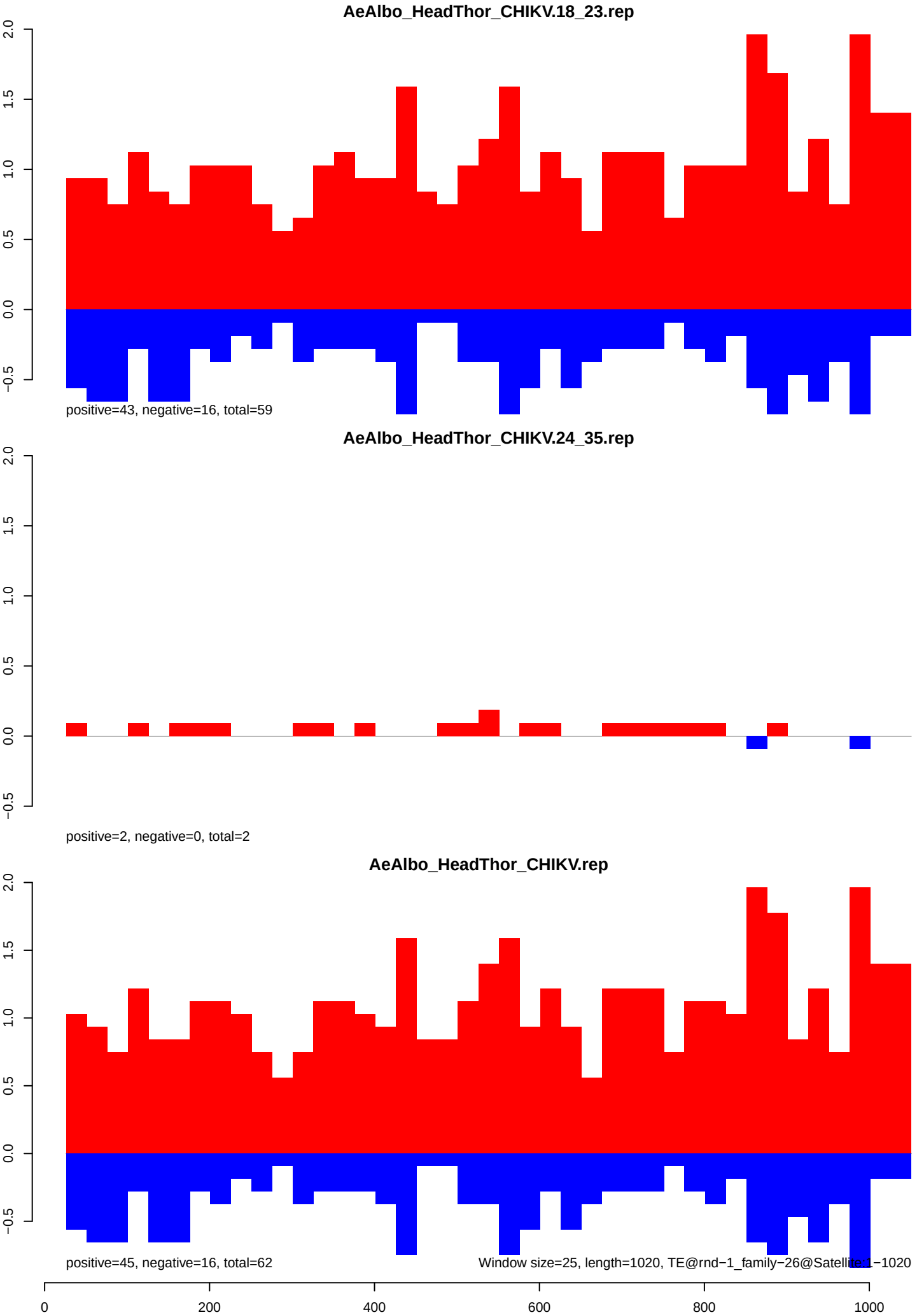

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=4, negative=4, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=5, negative=4, total=9
Window size=25, length=4701, TE@ltr−1_family−3842@LTR_Pao:1−4701
0
1000
2000
3000
4000

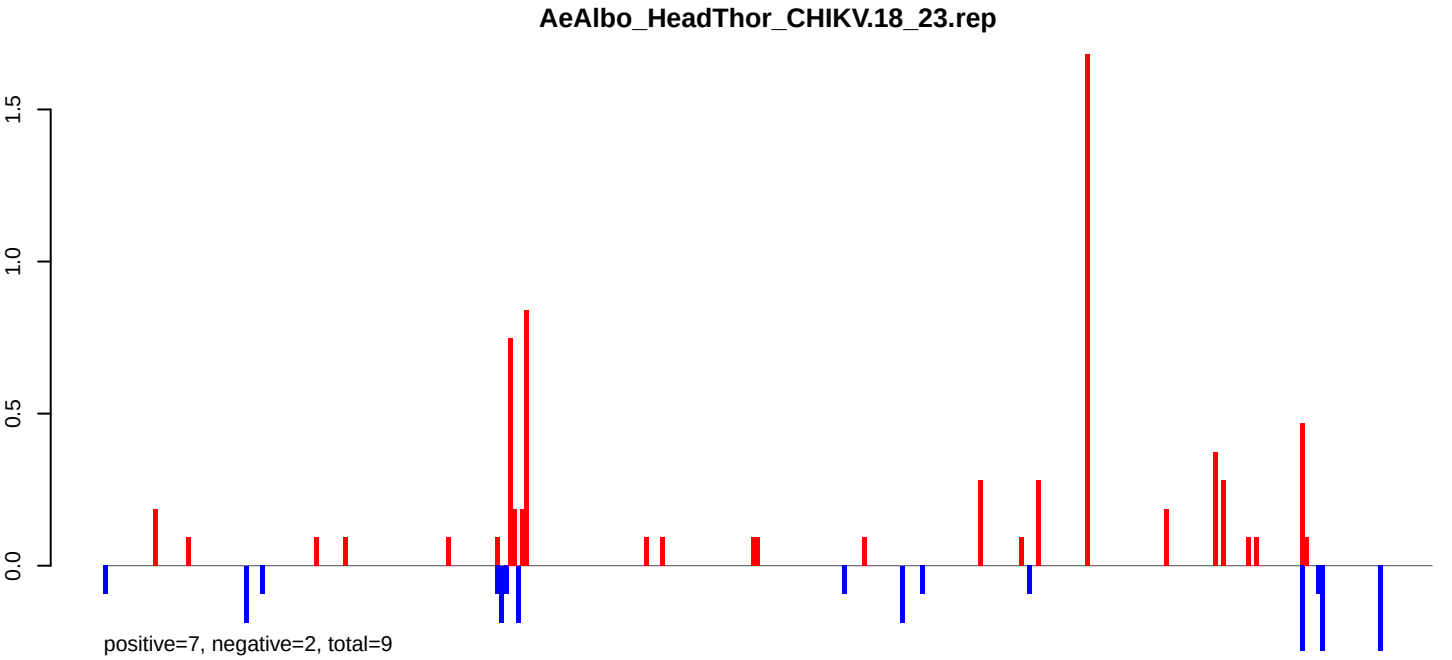

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=4, negative=3, total=7
Window size=25, length=5425, TE@ltr−1_family−3730@LTR_Copia:1−5425
0
1000
2000
3000
4000
5000

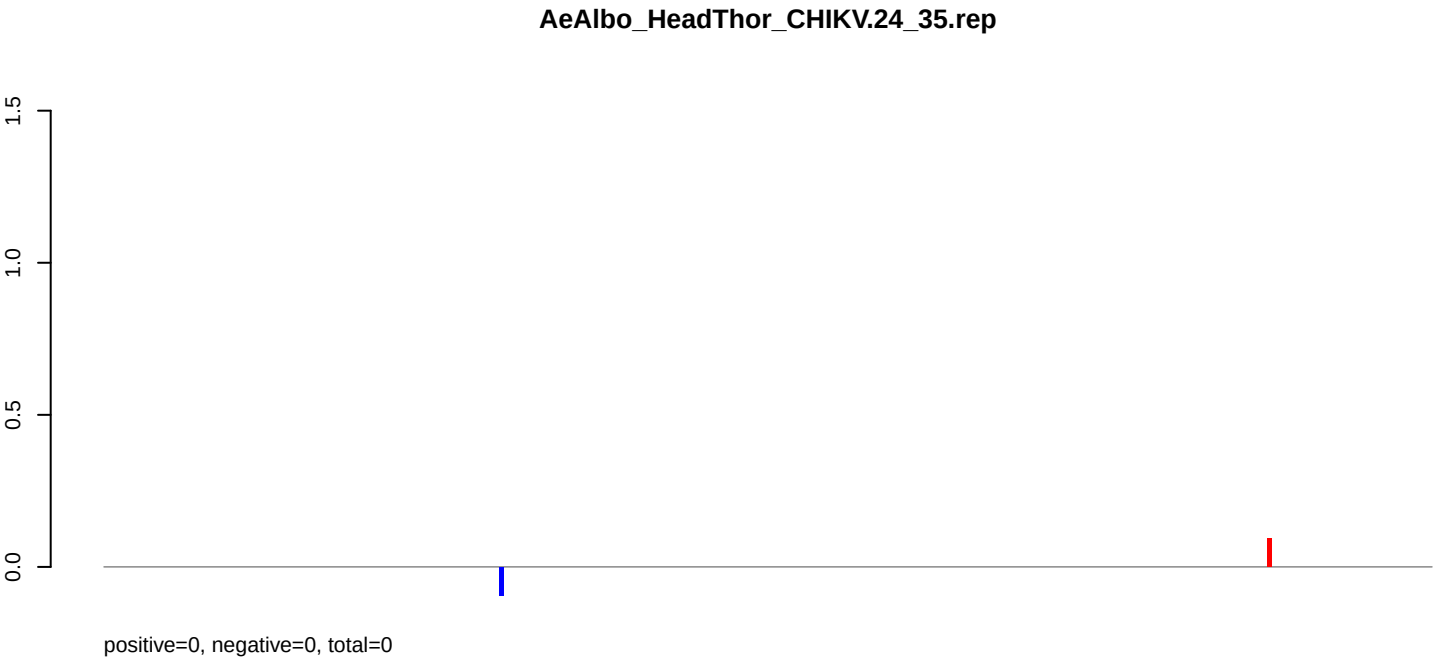

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
positive=4, negative=3, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
positive=6, negative=1, total=7
AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
positive=10, negative=5, total=15
Window size=25, length=5798, TE@ltr−1_family−3567@LTR_Pao:1−5798
0
1000
2000
3000
4000
5000
6000

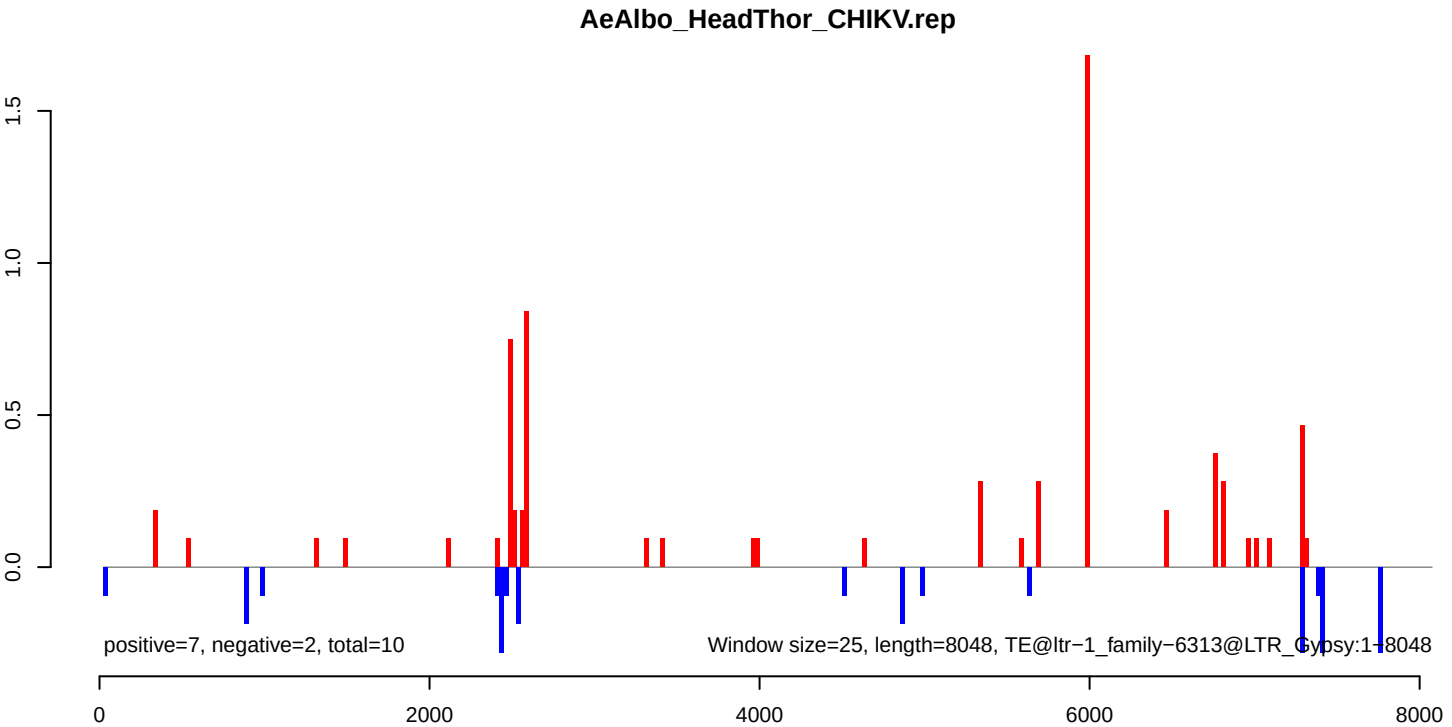

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=11, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=12, total=23
Window size=25, length=5344, TE@ltr−1_family−3550@LTR_Copia:1−5344
3
2
1
0
−1
−2
0
1000
2000
3000
4000
5000

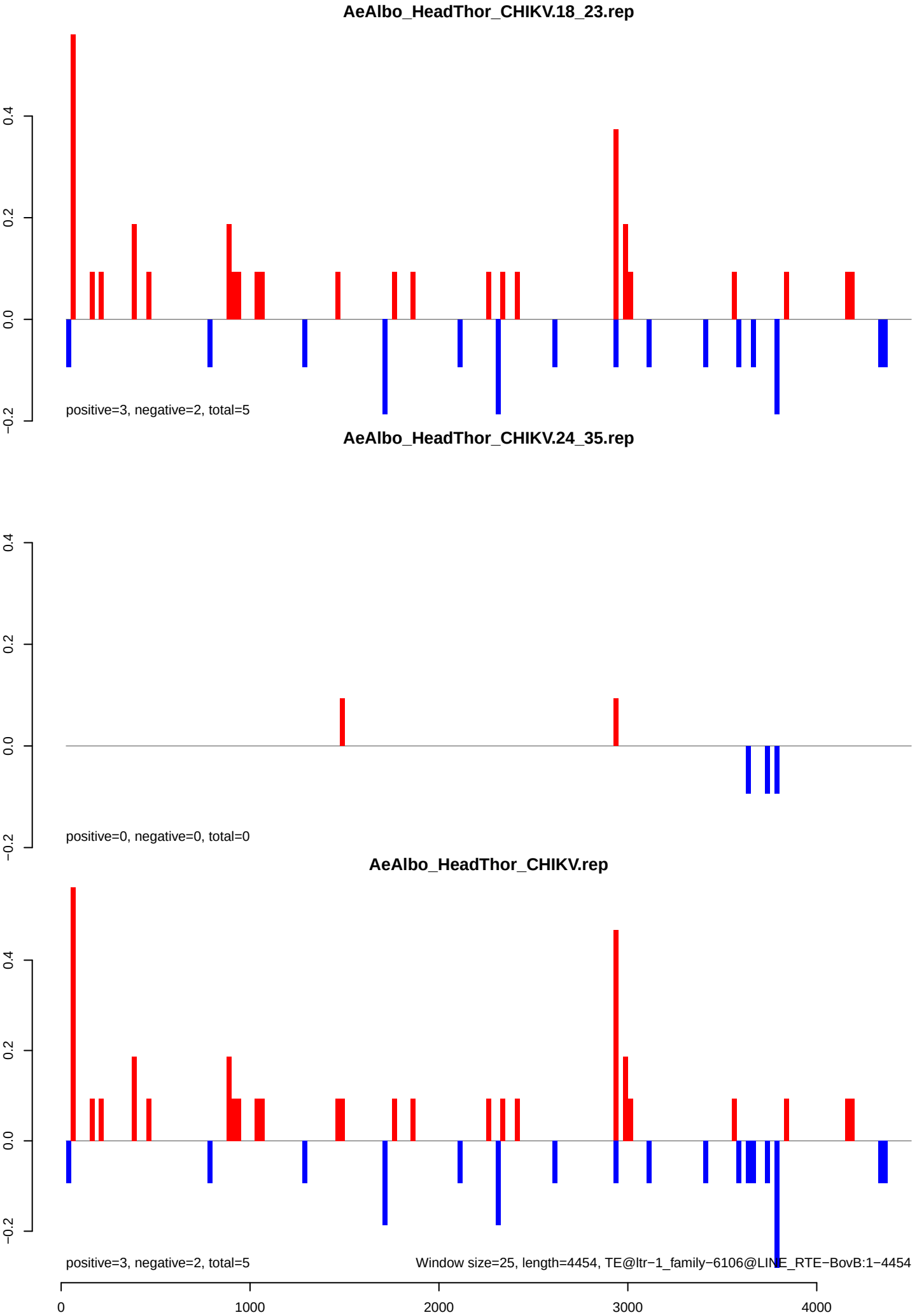

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
−10
positive=70, negative=64, total=134
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
−10
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
−10
positive=72, negative=64, total=136
Window size=25, length=1064, TE@rnd−1_family−93@DNA:1−1064
0
200
400
600
800
1000

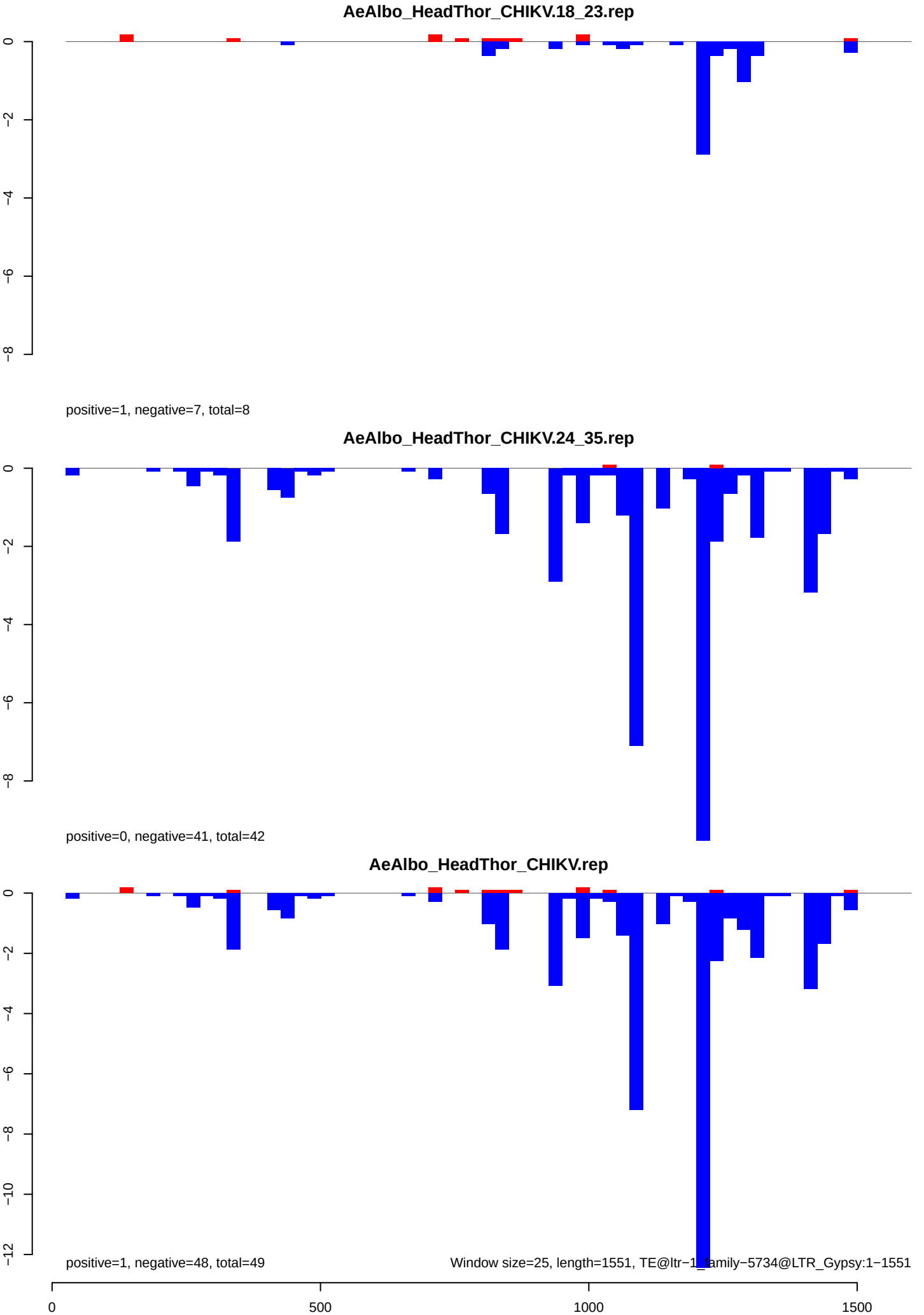

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=43, negative=16, total=59
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=45, negative=16, total=62
Window size=25, length=1020, TE@rnd−1_family−26@Satellite:1−1020
2.0
1.5
1.0
0.5
0.0
−0.5
0
200
400
600
800
1000

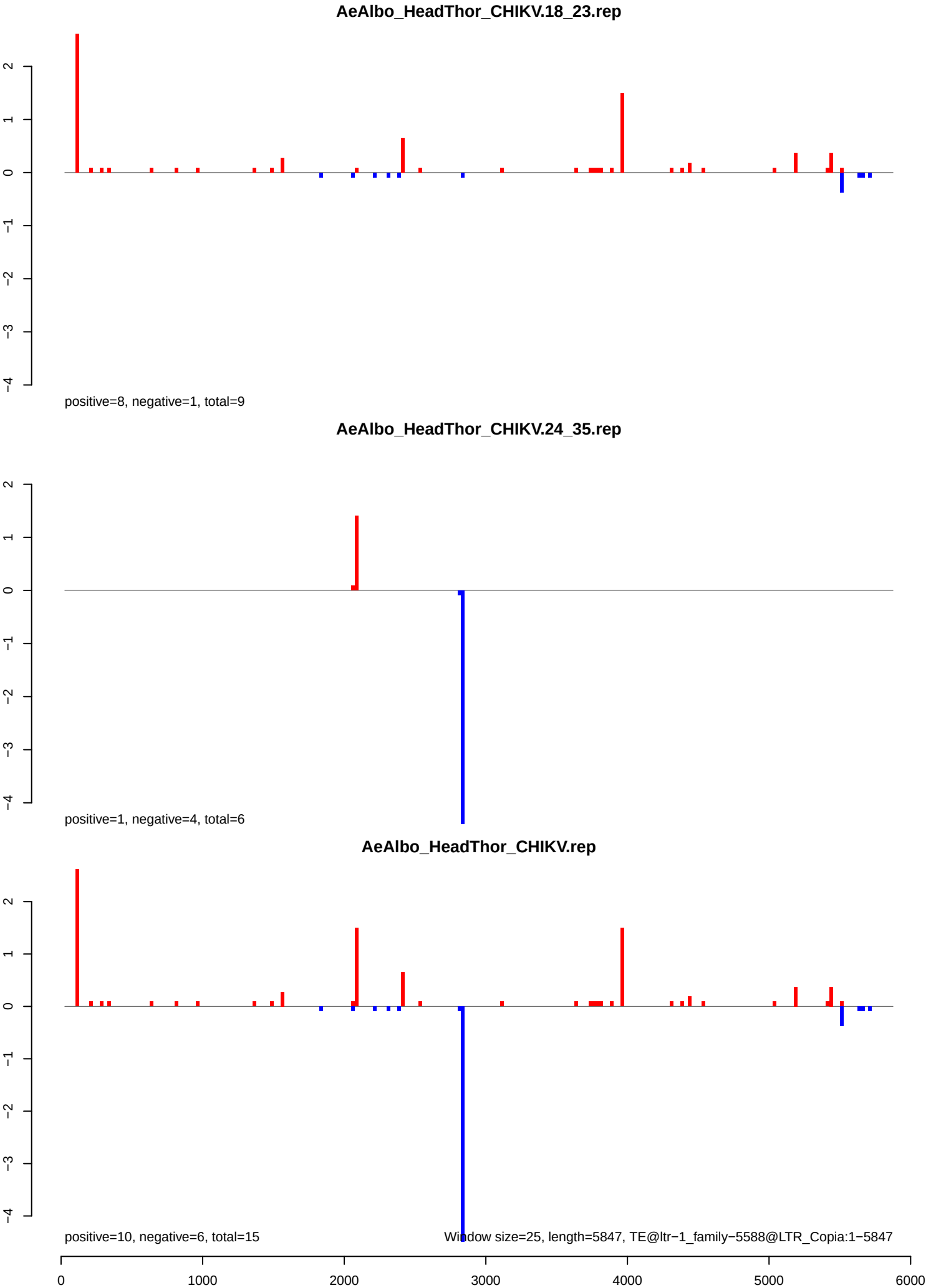

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=7, negative=2, total=9

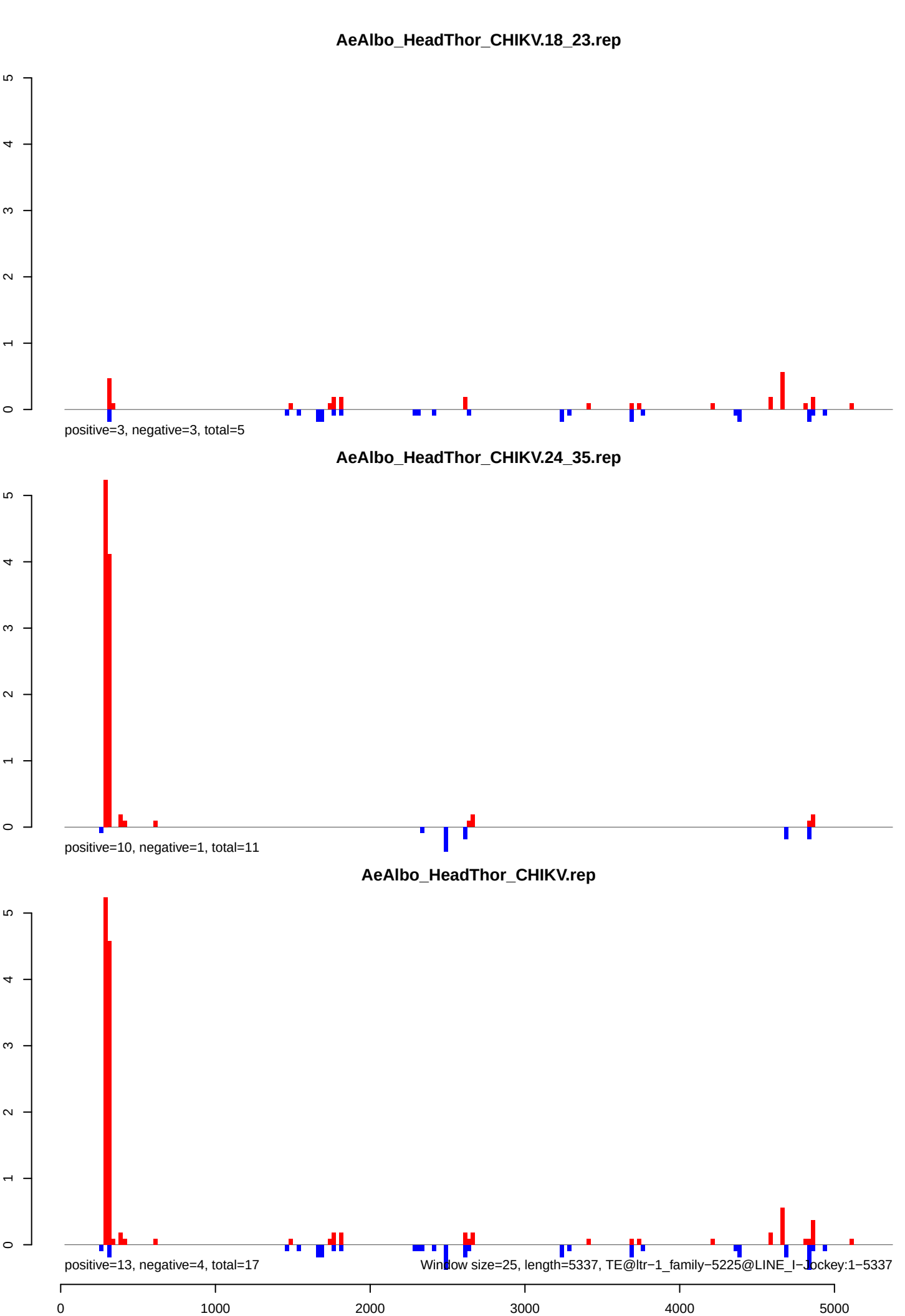

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

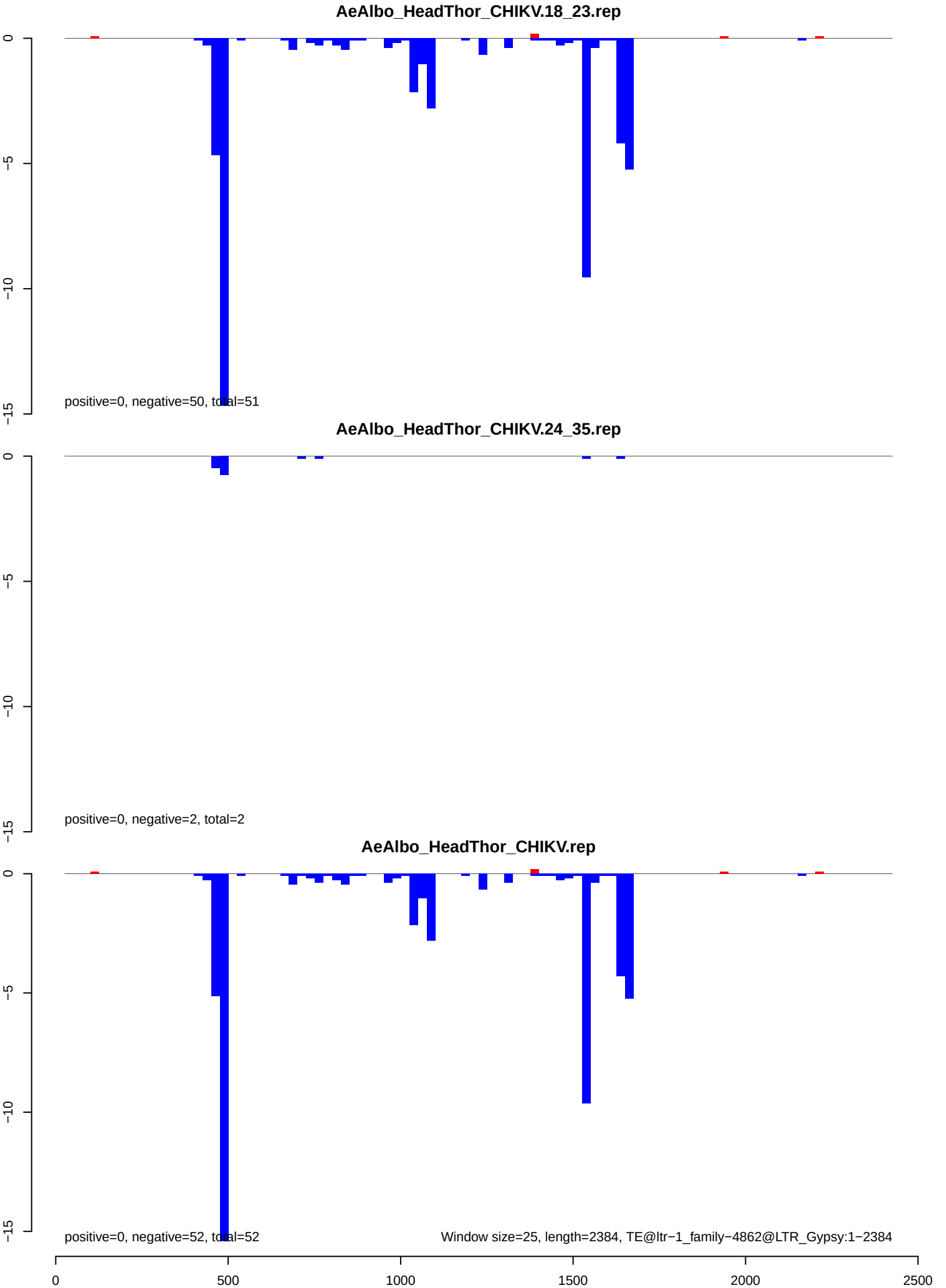

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=7, negative=2, total=10
Window size=25, length=8048, TE@ltr−1_family−6313@LTR_Gypsy:1−8048
0
2000
4000
6000
8000

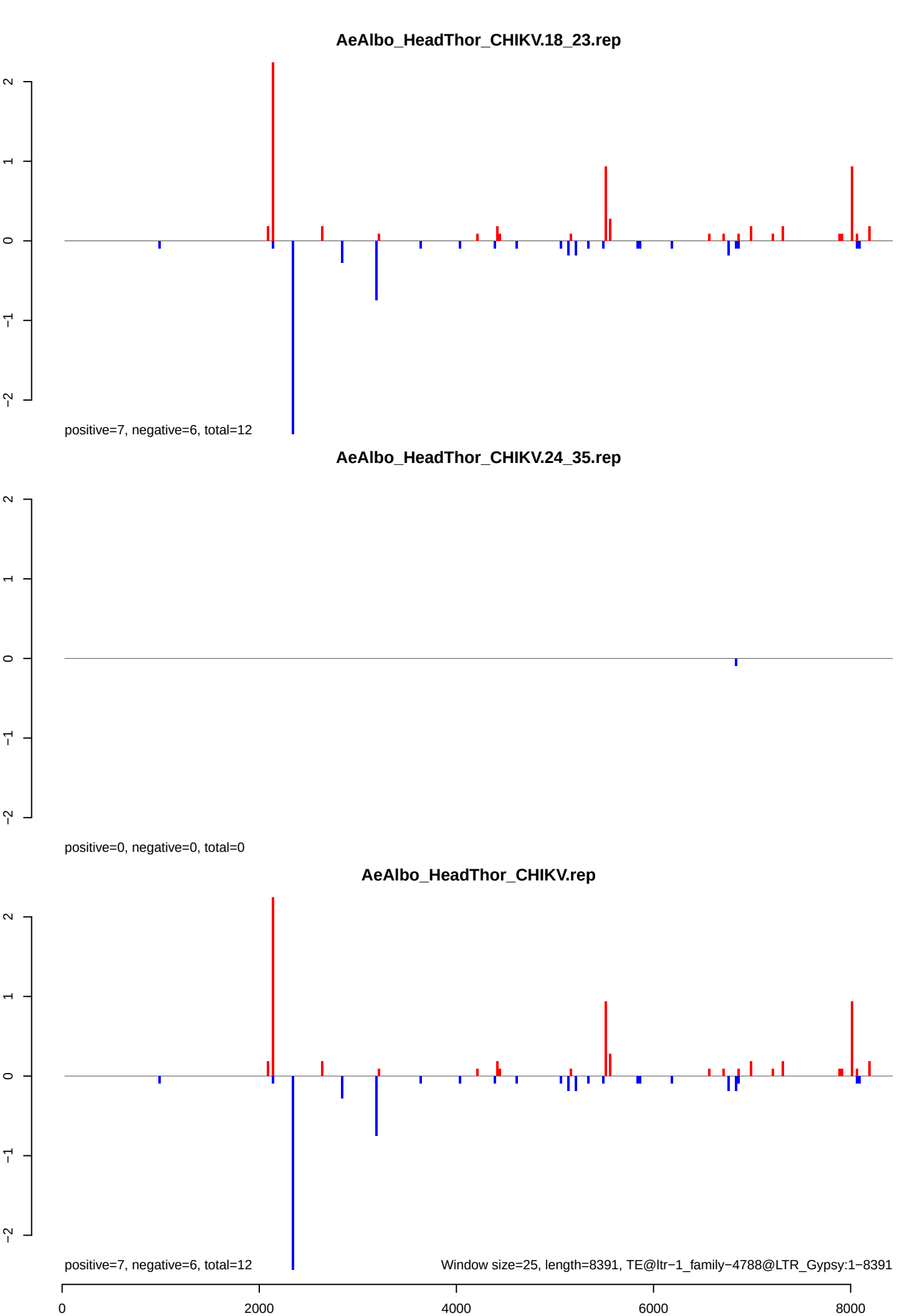

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=3, negative=2, total=5
Window size=25, length=4454, TE@ltr−1_family−6106@LINE_RTE−BovB:1−4454
0
1000
2000
3000
4000

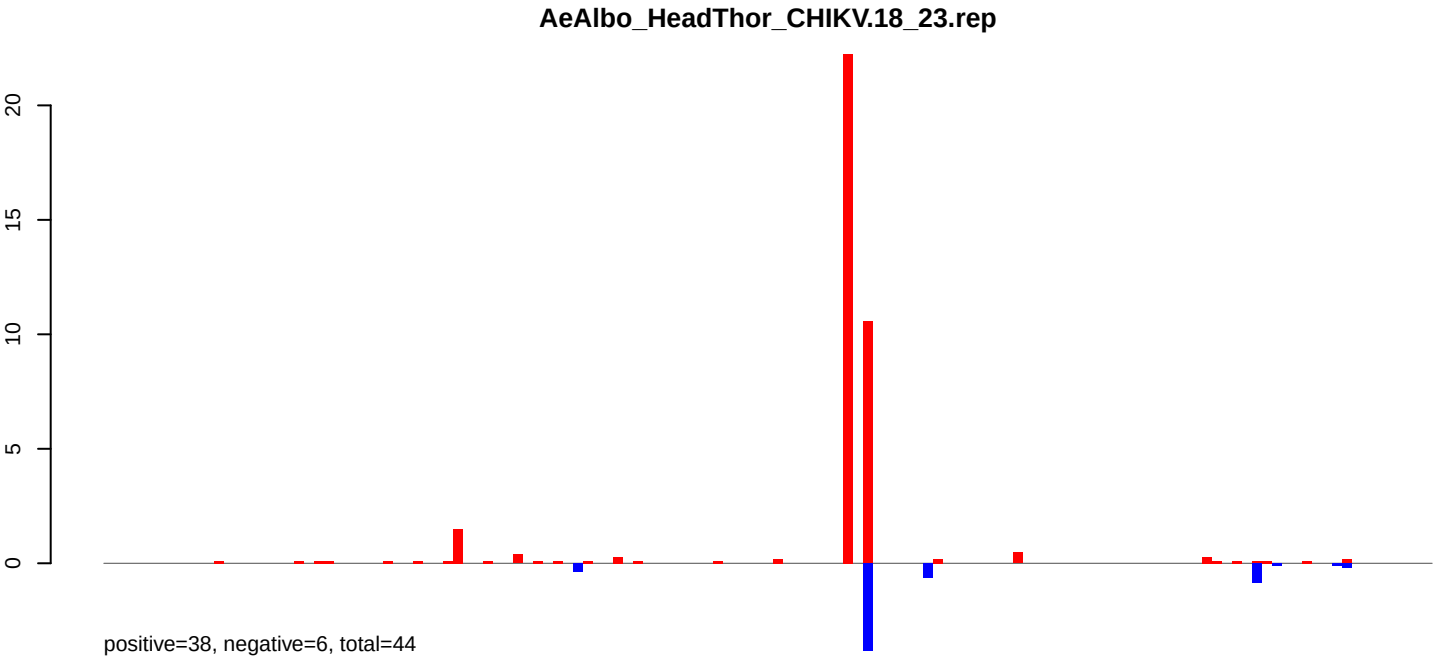

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=1, negative=7, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=41, total=42
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=48, total=49
Window size=25, length=1551, TE@ltr−1_family−5734@LTR_Gypsy:1−1551
0
500
1000
1500

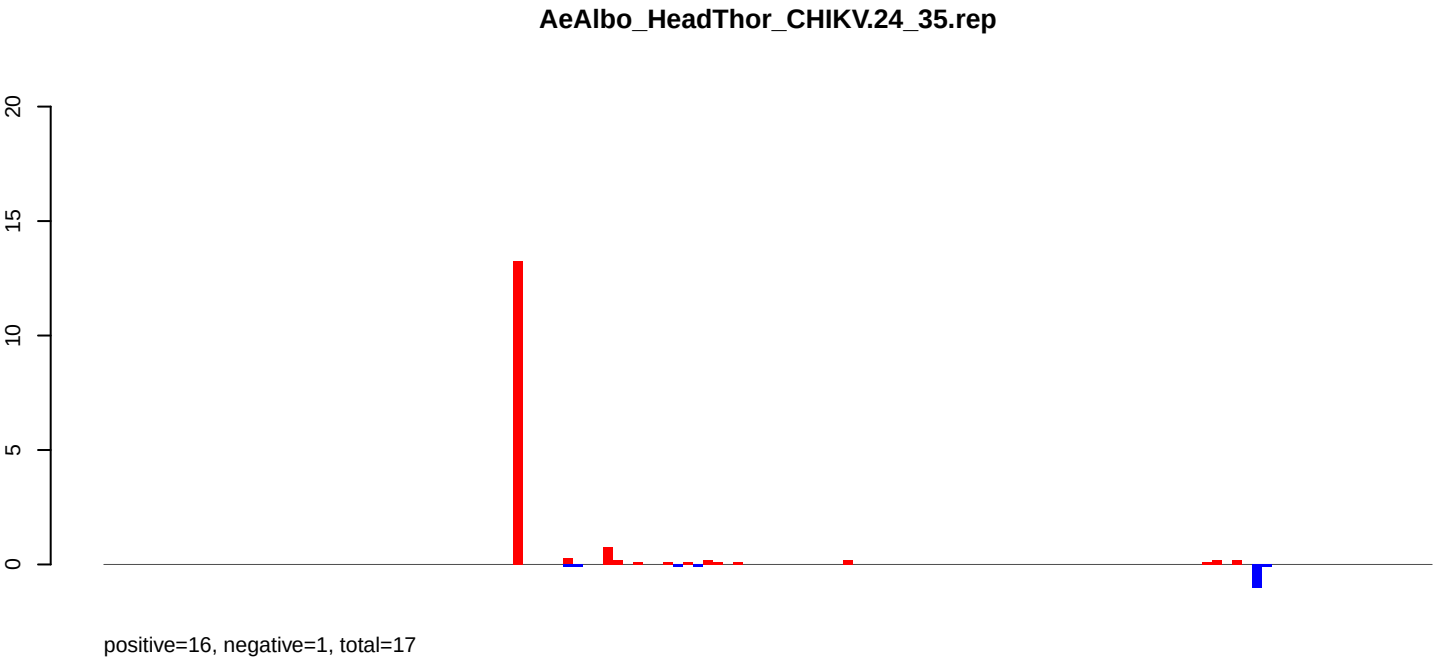

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=1, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=4, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=6, total=15
Window size=25, length=5847, TE@ltr−1_family−5588@LTR_Copia:1−5847
0
1000
2000
3000
4000
5000
6000

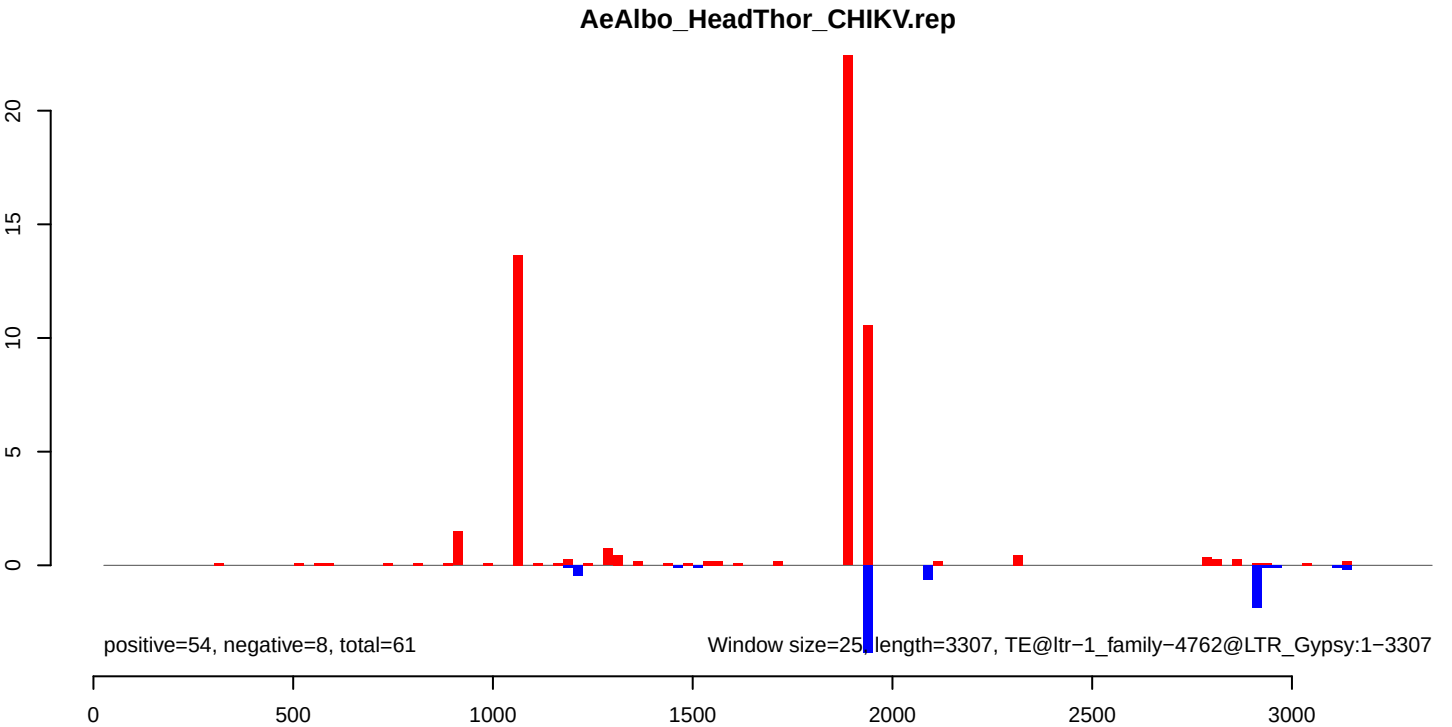

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=10, negative=1, total=11
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=4, total=17
Window size=25, length=5337, TE@ltr−1_family−5225@LINE_I−Jockey:1−5337
0
1000
2000
3000
4000
5000

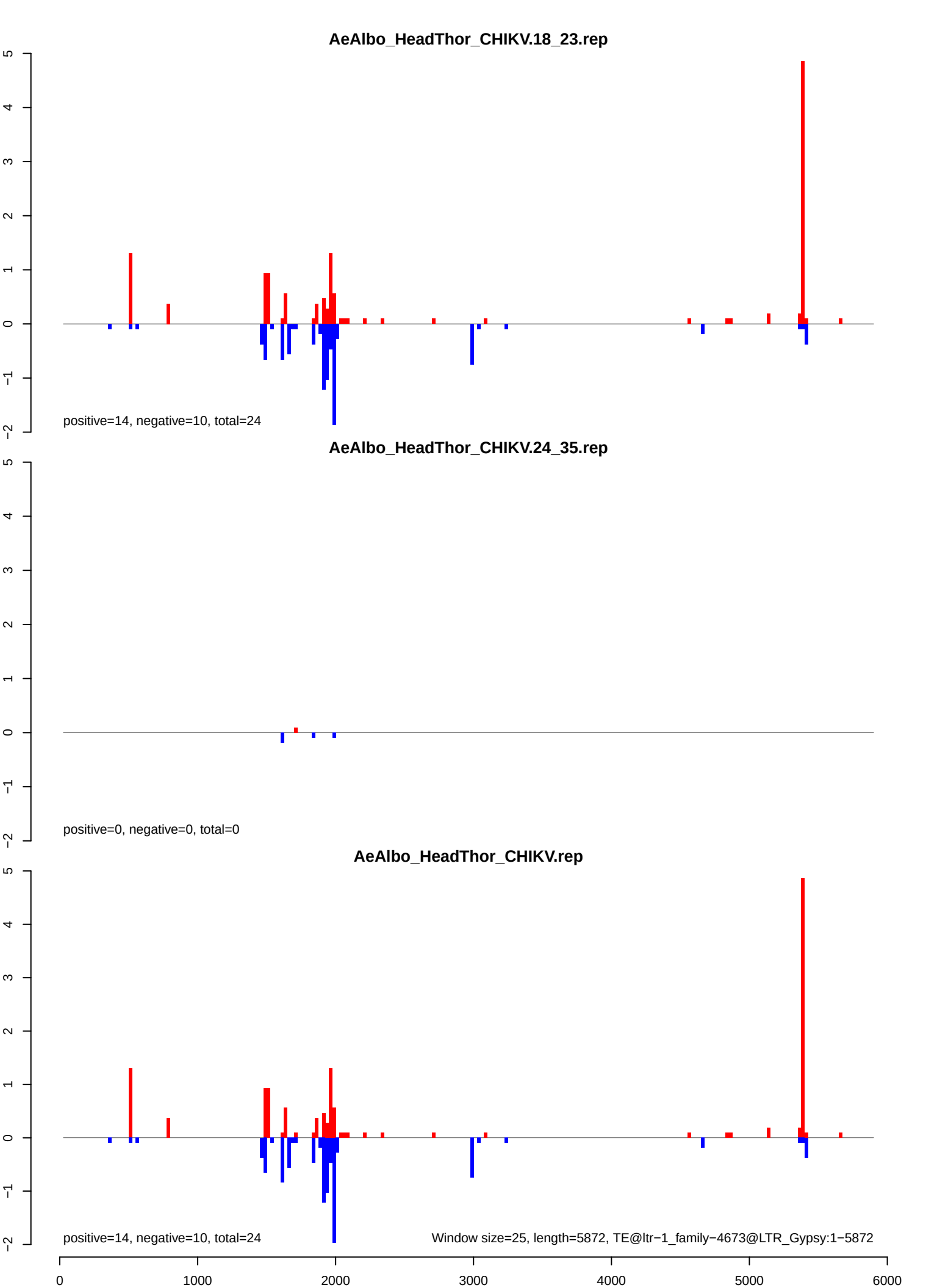

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=0, negative=50, total=51
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=52, total=52
Window size=25, length=2384, TE@ltr−1_family−4862@LTR_Gypsy:1−2384
0
500
1000
1500
2000
2500

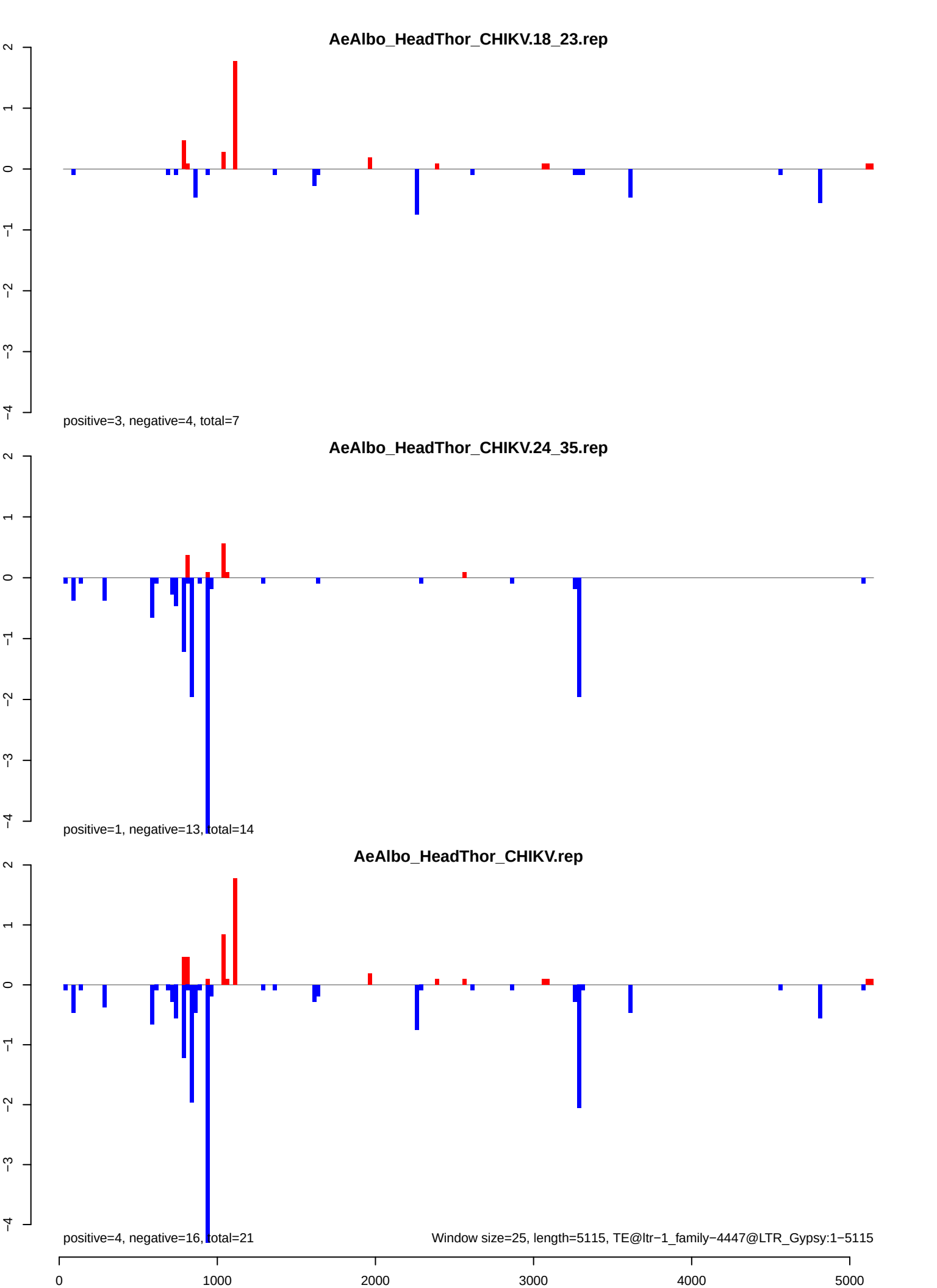

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=6, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=6, total=12
Window size=25, length=8391, TE@ltr−1_family−4788@LTR_Gypsy:1−8391
0
2000
4000
6000
8000

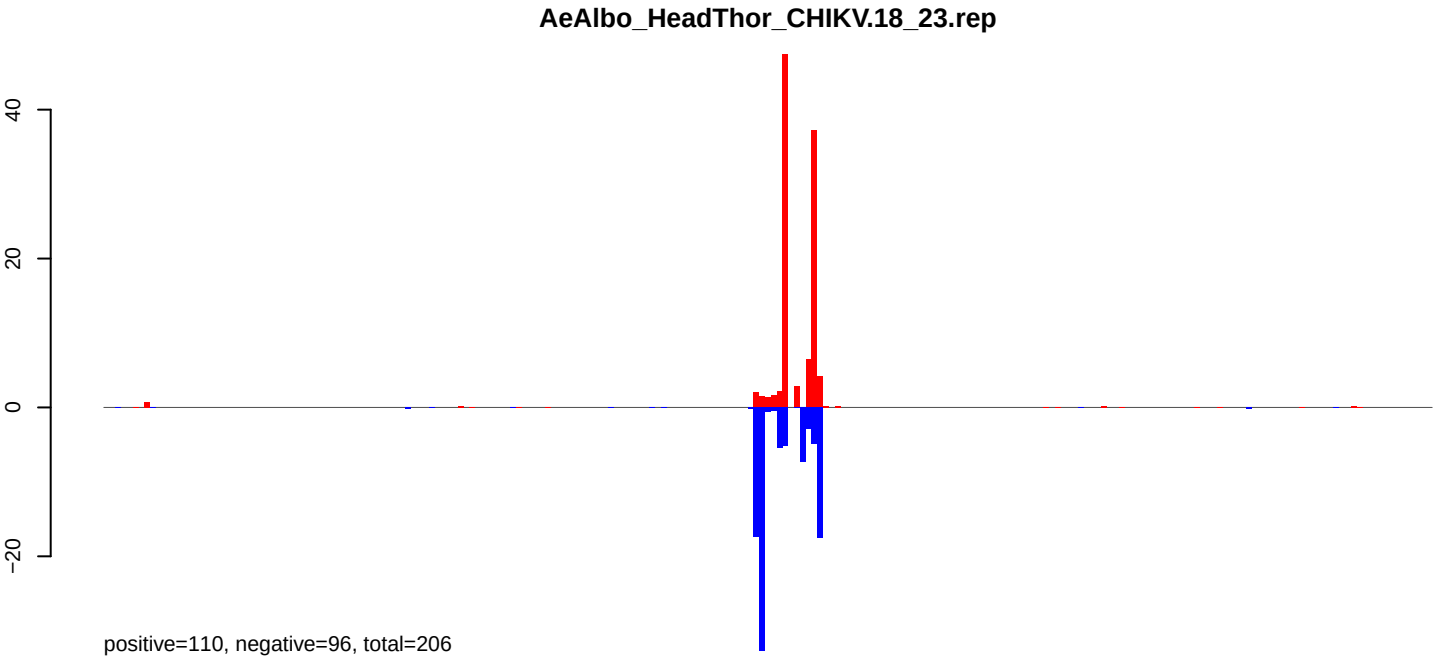

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=38, negative=6, total=44

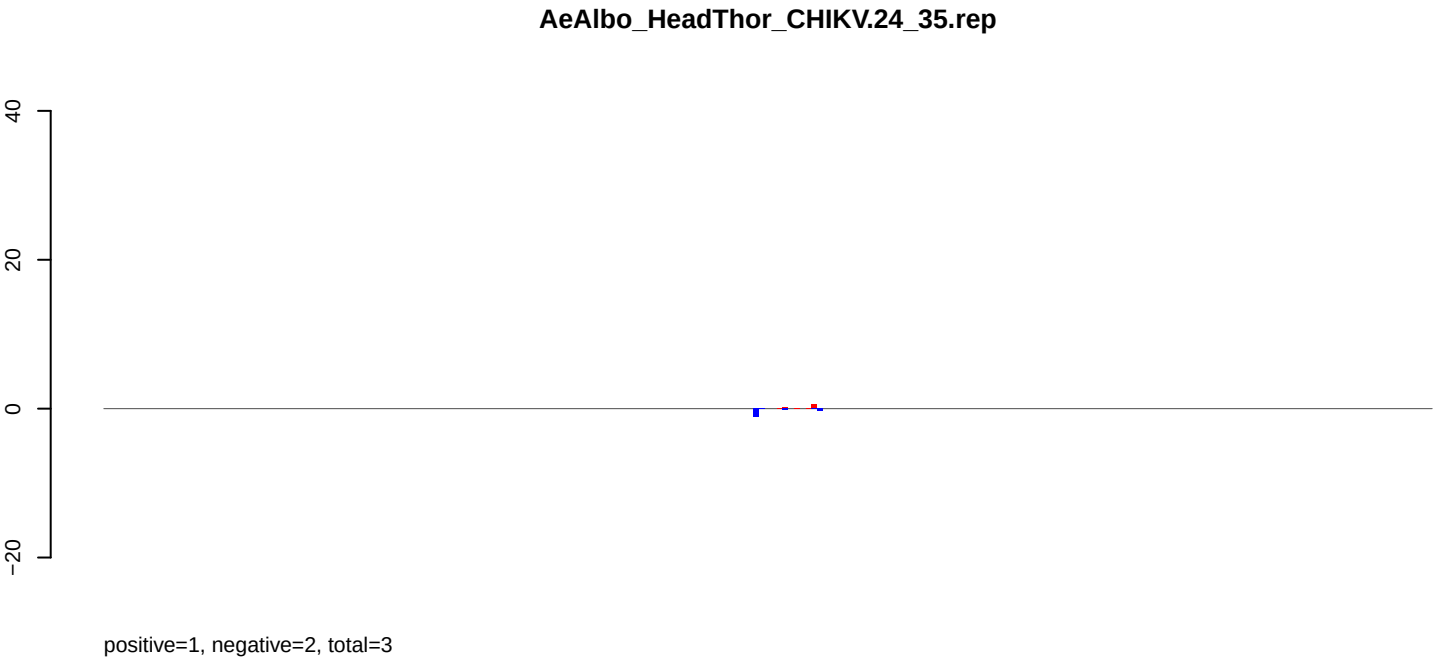

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=16, negative=1, total=17

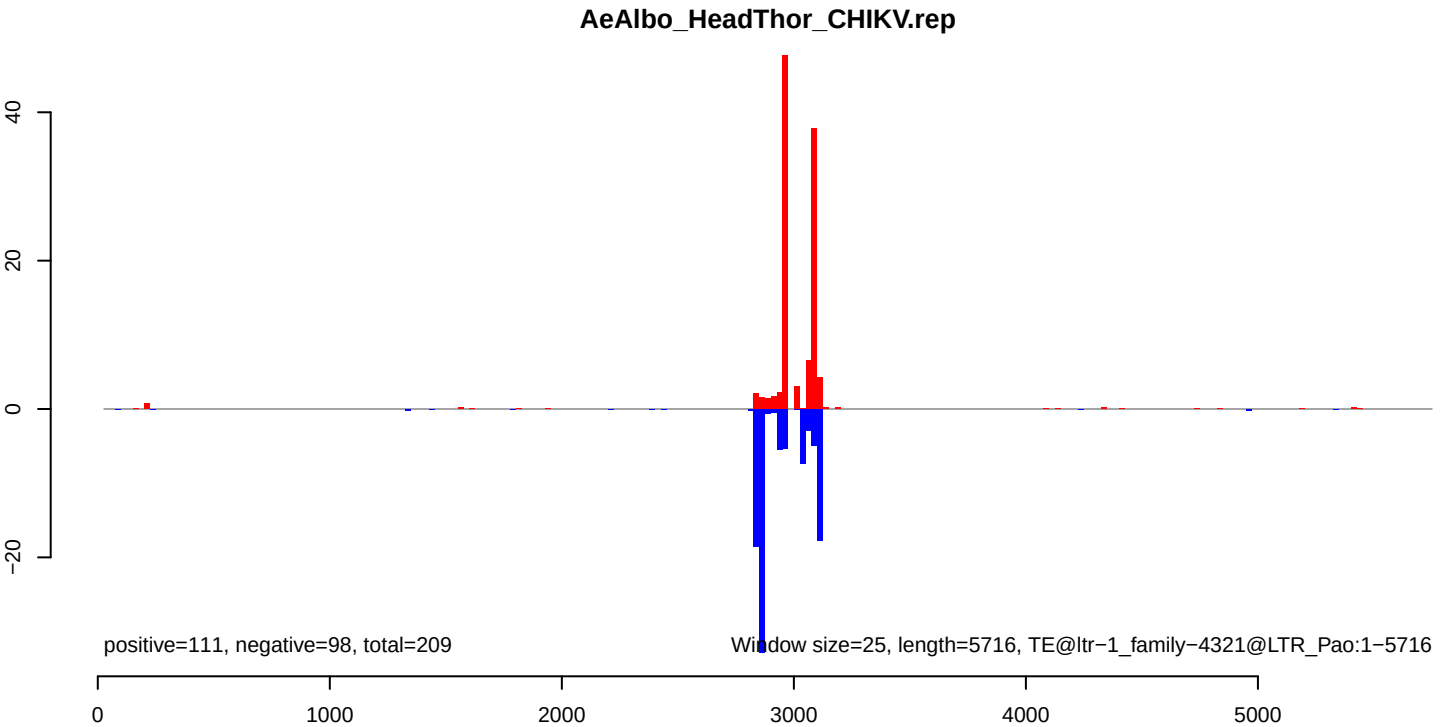

AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=54, negative=8, total=61
Window size=25, length=3307, TE@ltr−1_family−4762@LTR_Gypsy:1−3307
0
500
1000
1500
2000
2500
3000

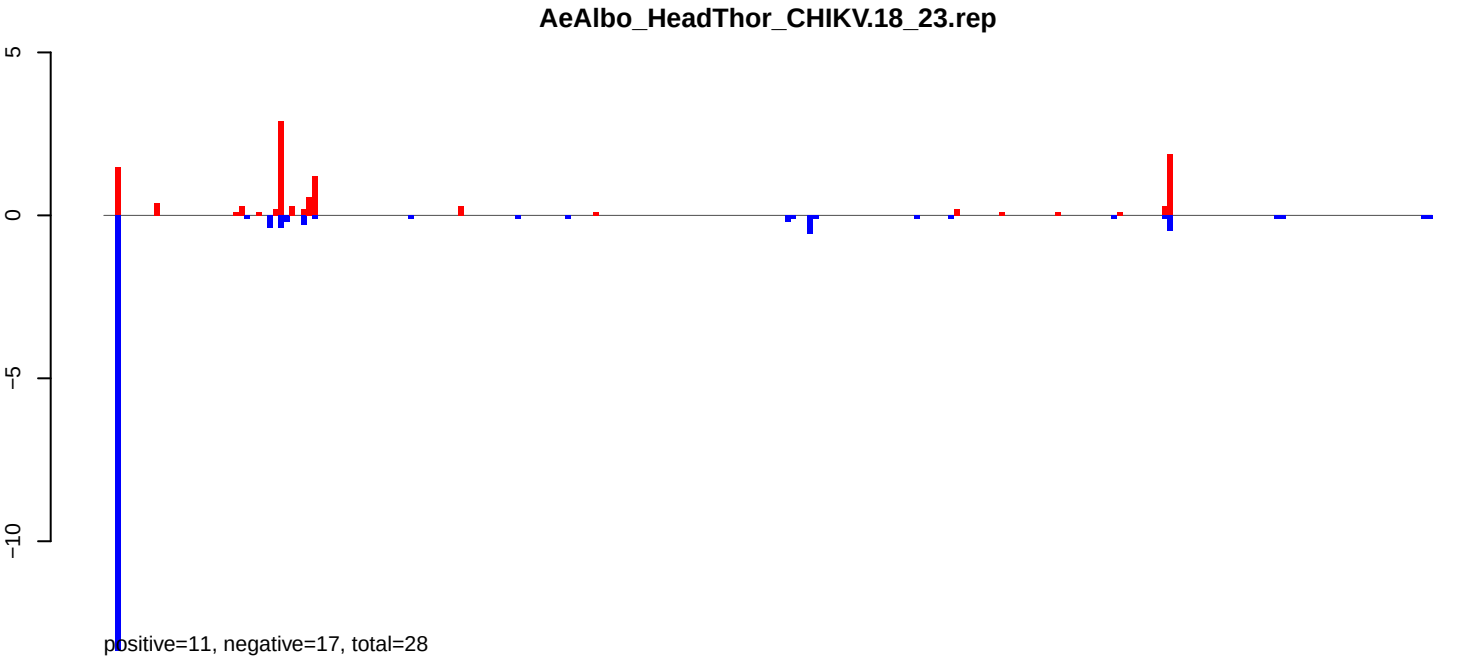

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=10, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=14, negative=10, total=24
Window size=25, length=5872, TE@ltr−1_family−4673@LTR_Gypsy:1−5872
5
4
3
2
1
0
−1
−2
0
1000
2000
3000
4000
5000
6000

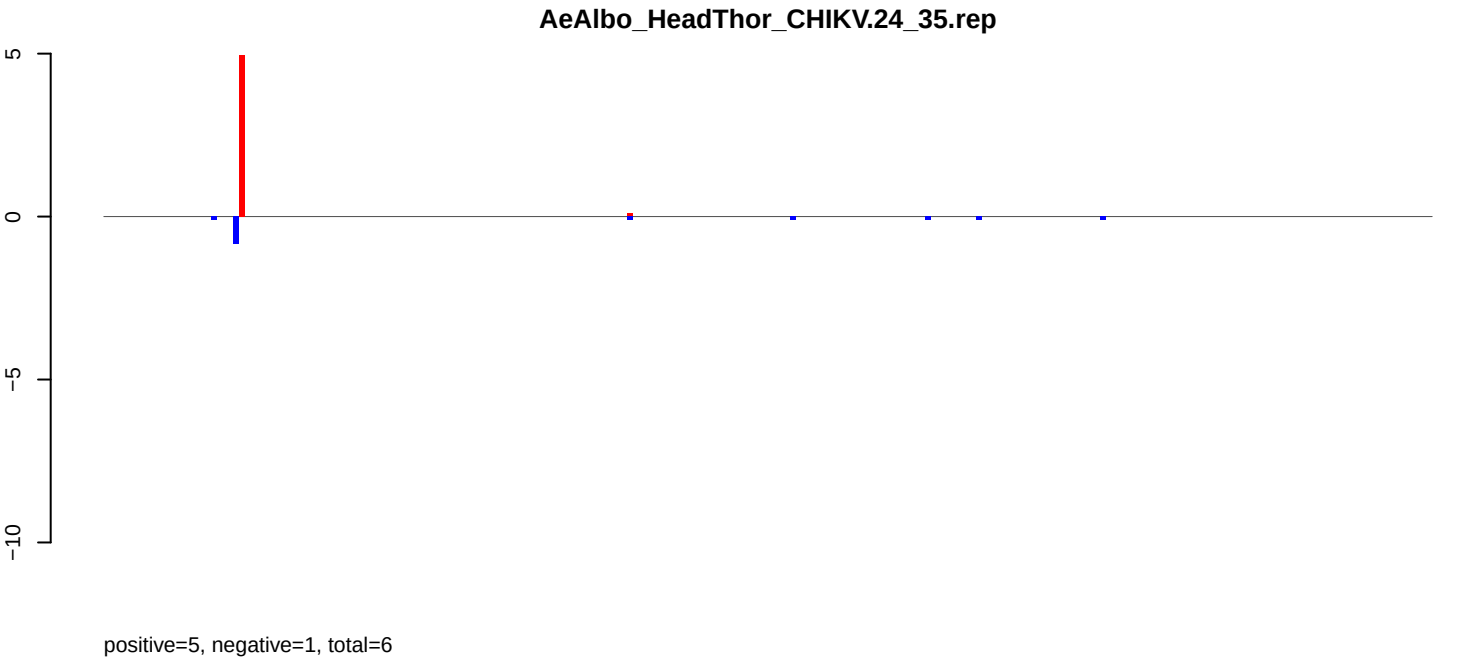

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=13, total=14
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=16, total=21
Window size=25, length=5115, TE@ltr−1_family−4447@LTR_Gypsy:1−5115
2
1
0
−1
−2
−3
−4
0
1000
2000
3000
4000
5000

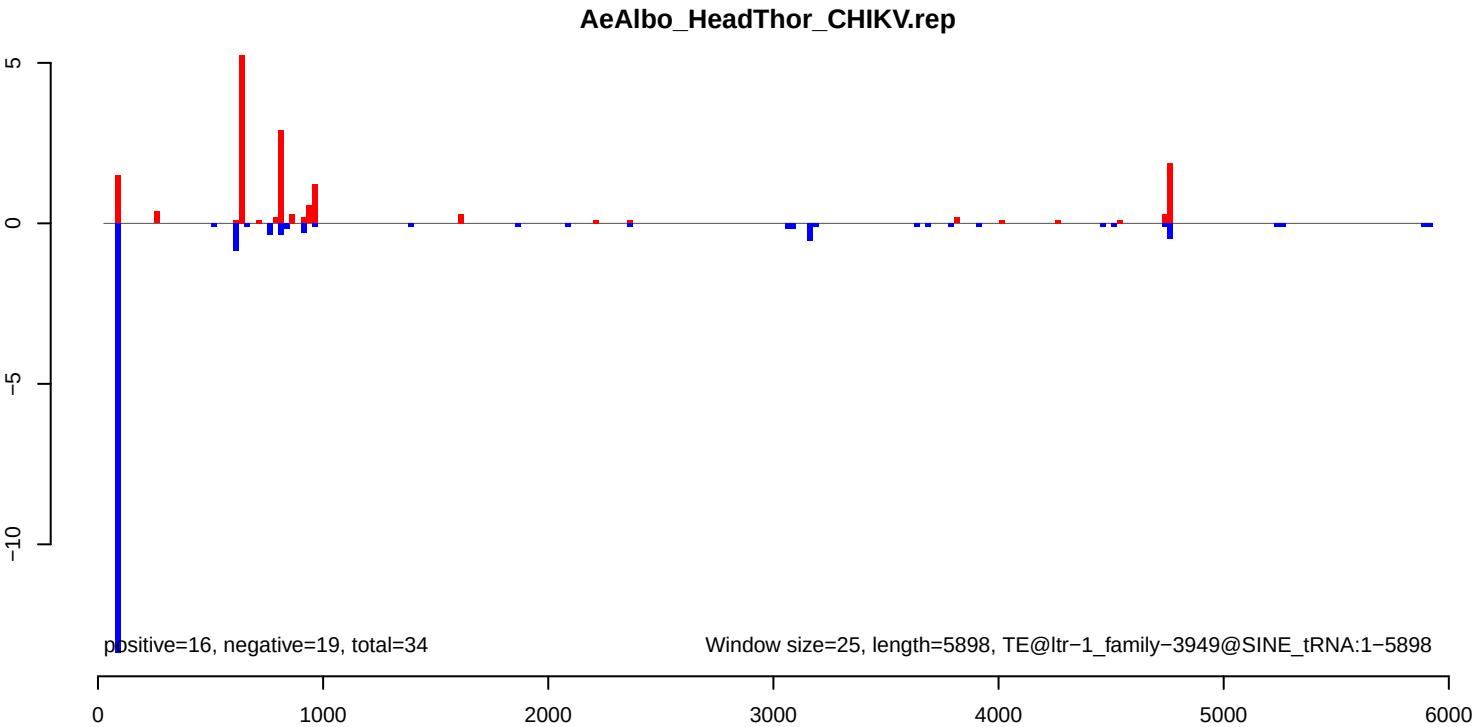

AeAlbo_HeadThor_CHIKV.18_23.rep
40
20
0
−20
positive=110, negative=96, total=206

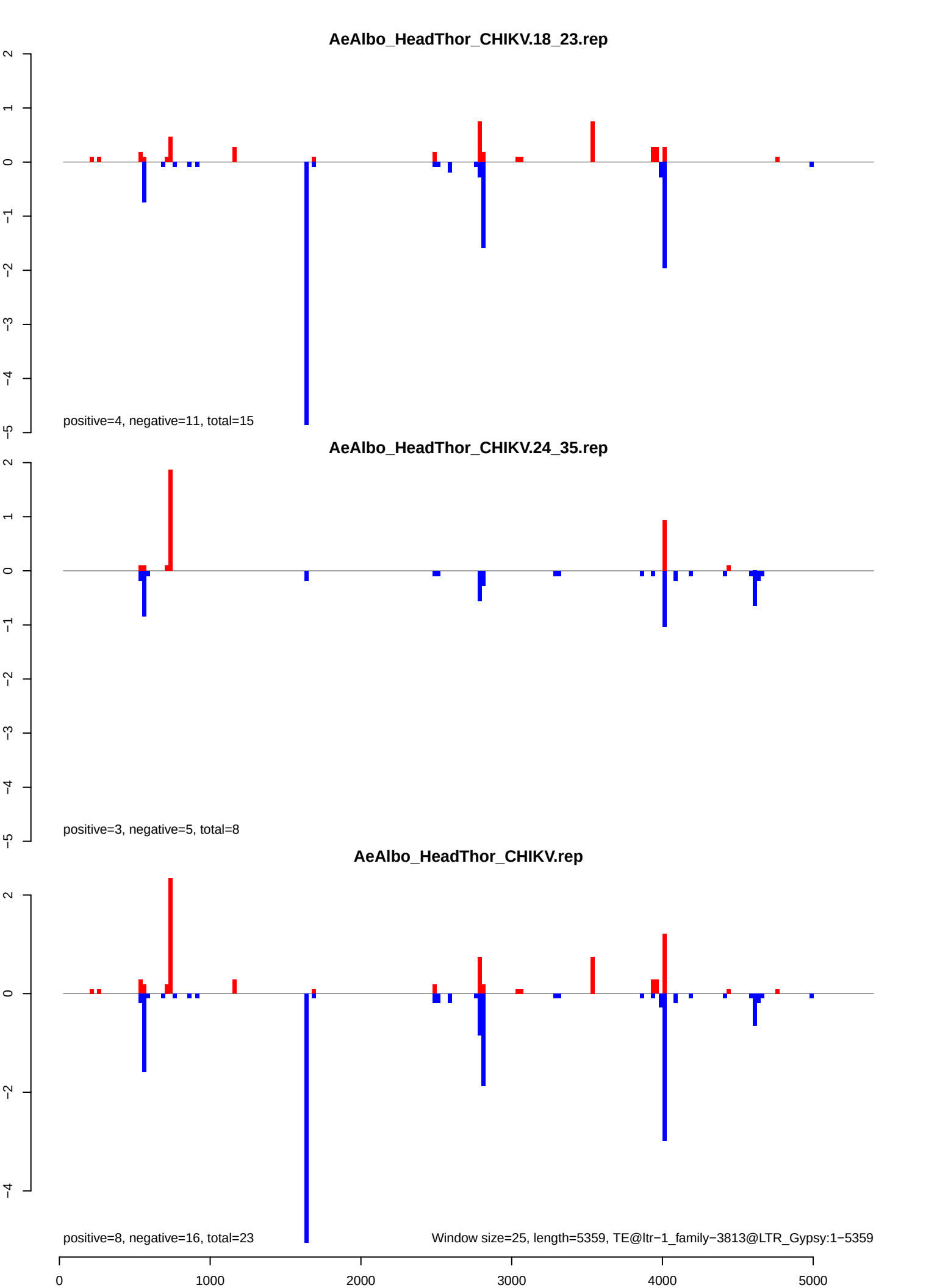

AeAlbo_HeadThor_CHIKV.24_35.rep
40
20
0
−20
positive=1, negative=2, total=3

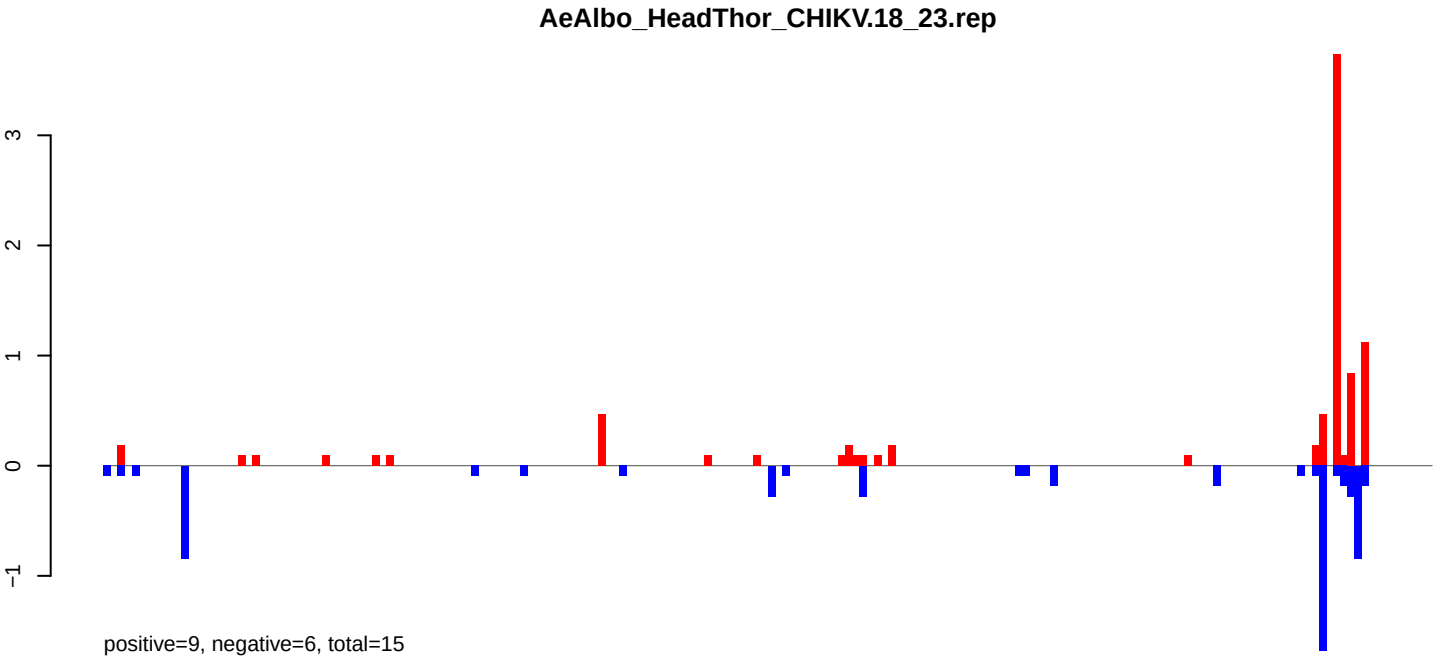

AeAlbo_HeadThor_CHIKV.rep
40
20
0
−20
positive=111, negative=98, total=209
Window size=25, length=5716, TE@ltr−1_family−4321@LTR_Pao:1−5716
0
1000
2000
3000
4000
5000

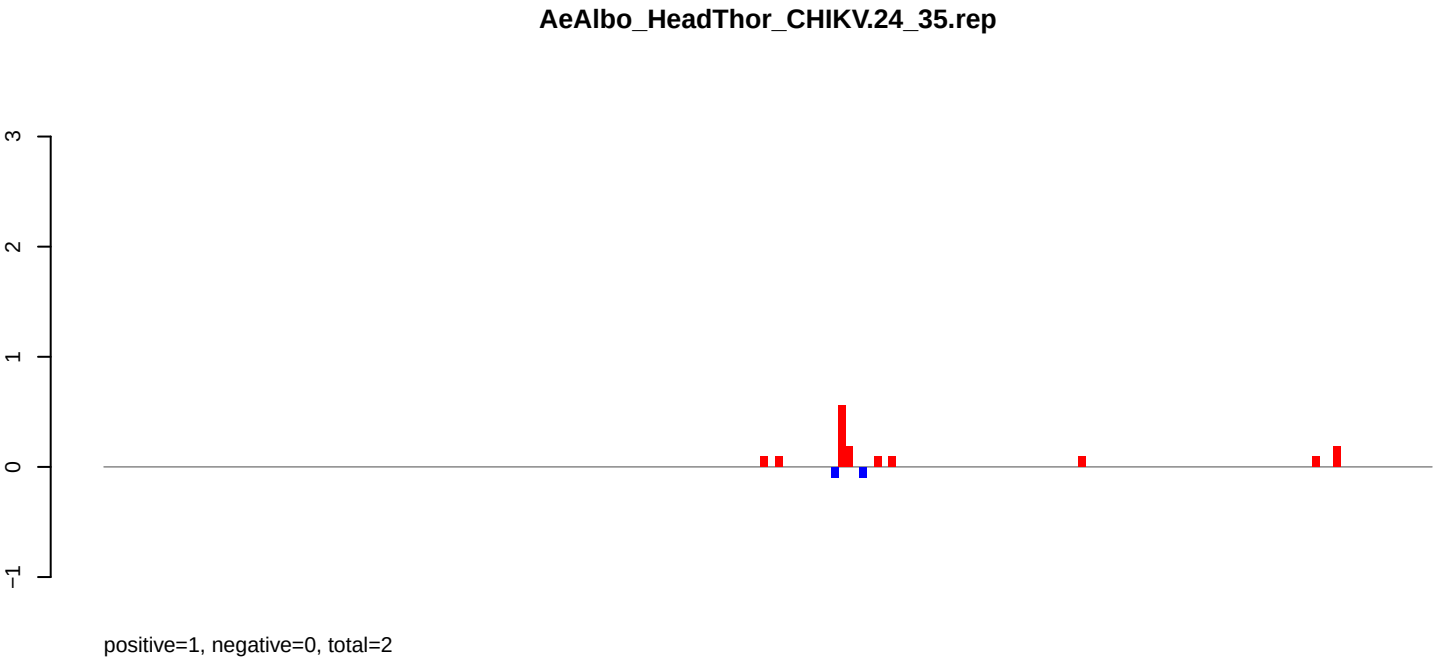

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
positive=11, negative=17, total=28

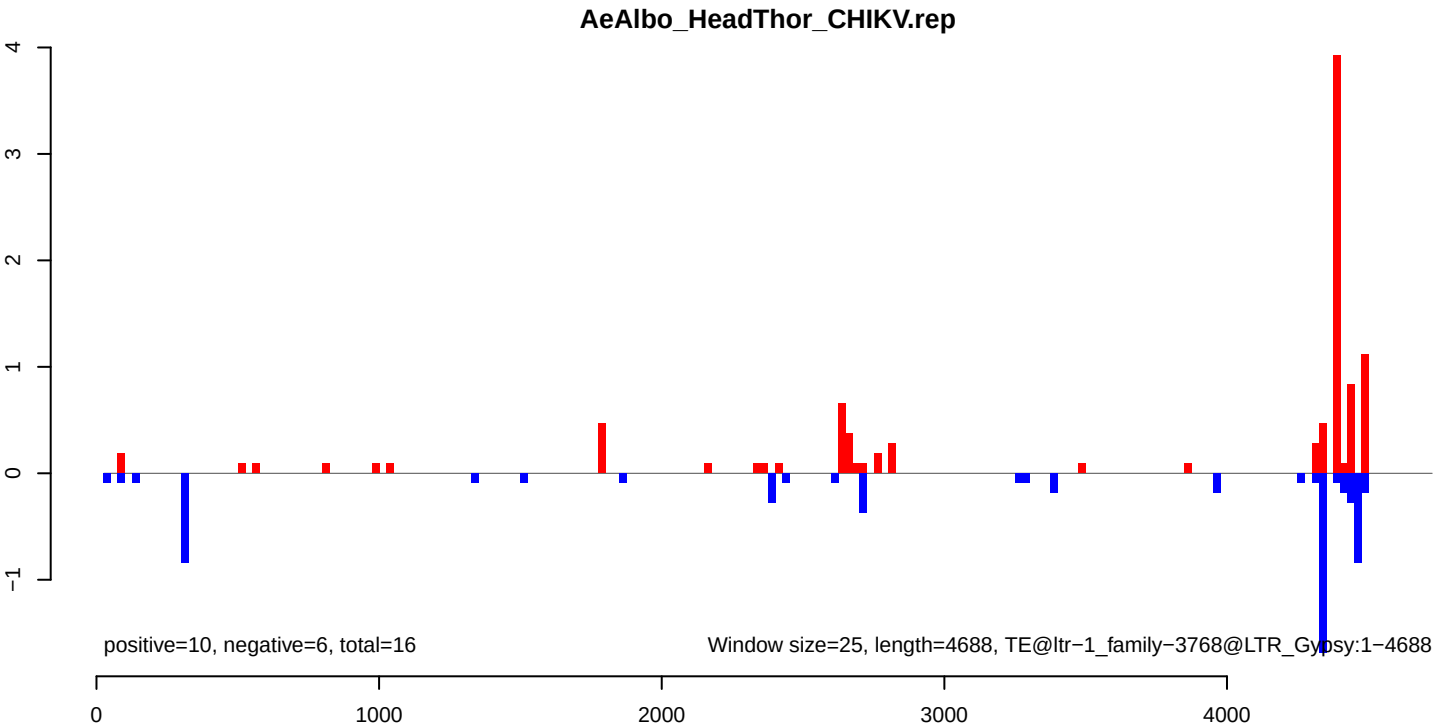

AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
positive=5, negative=1, total=6

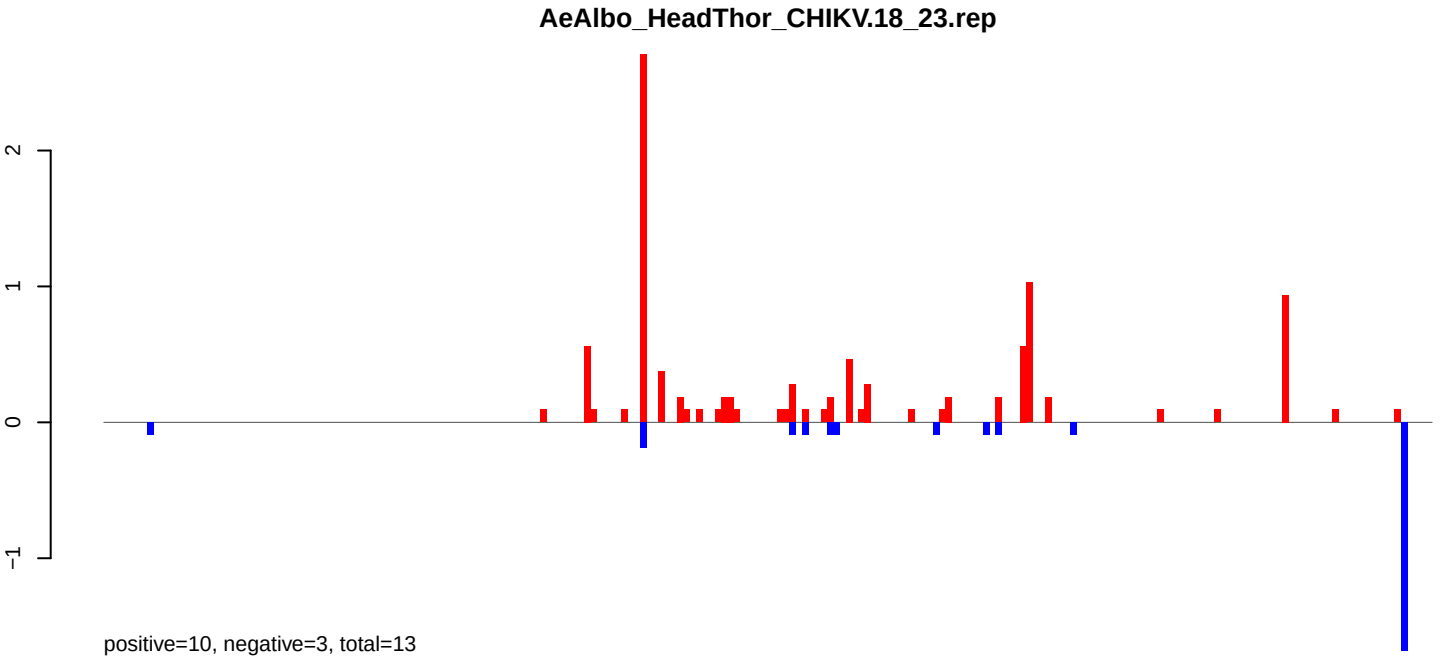

AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
positive=16, negative=19, total=34
Window size=25, length=5898, TE@ltr−1_family−3949@SINE_tRNA:1−5898
0
1000
2000
3000
4000
5000
6000

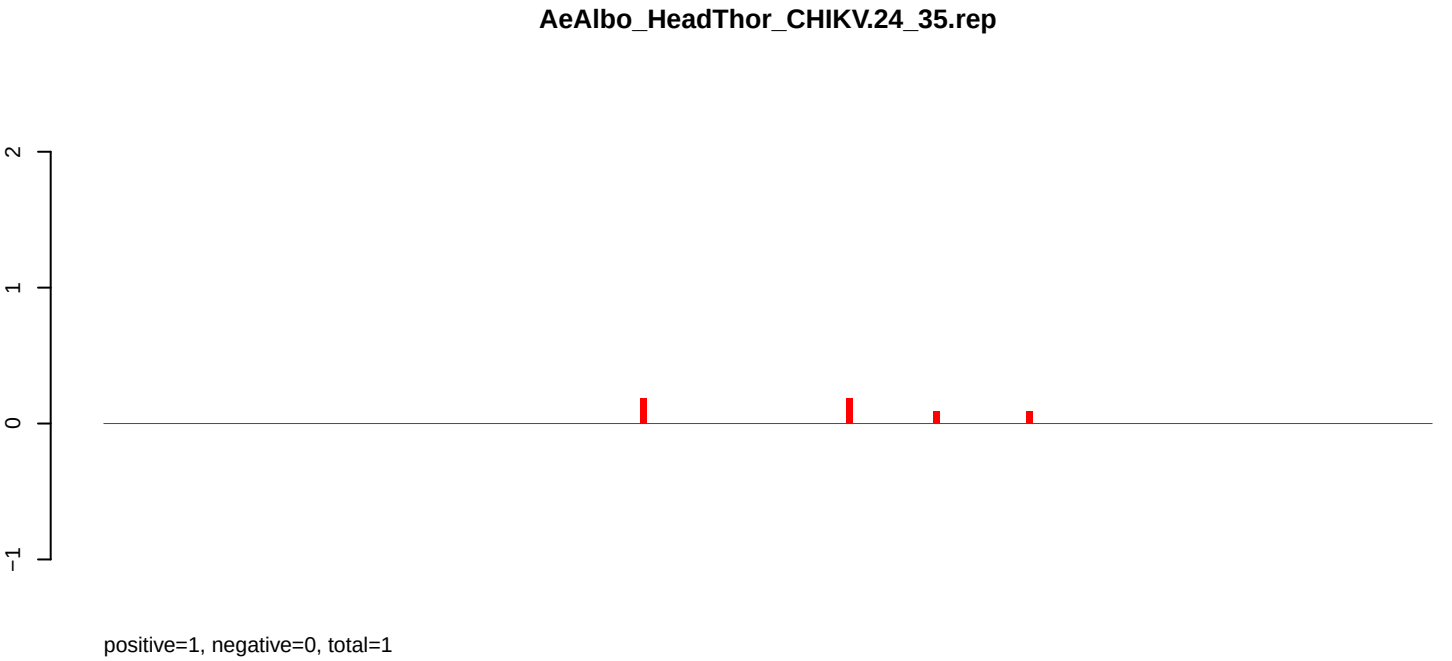

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=11, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=16, total=23
Window size=25, length=5359, TE@ltr−1_family−3813@LTR_Gypsy:1−5359
0
1000
2000
3000
4000
5000

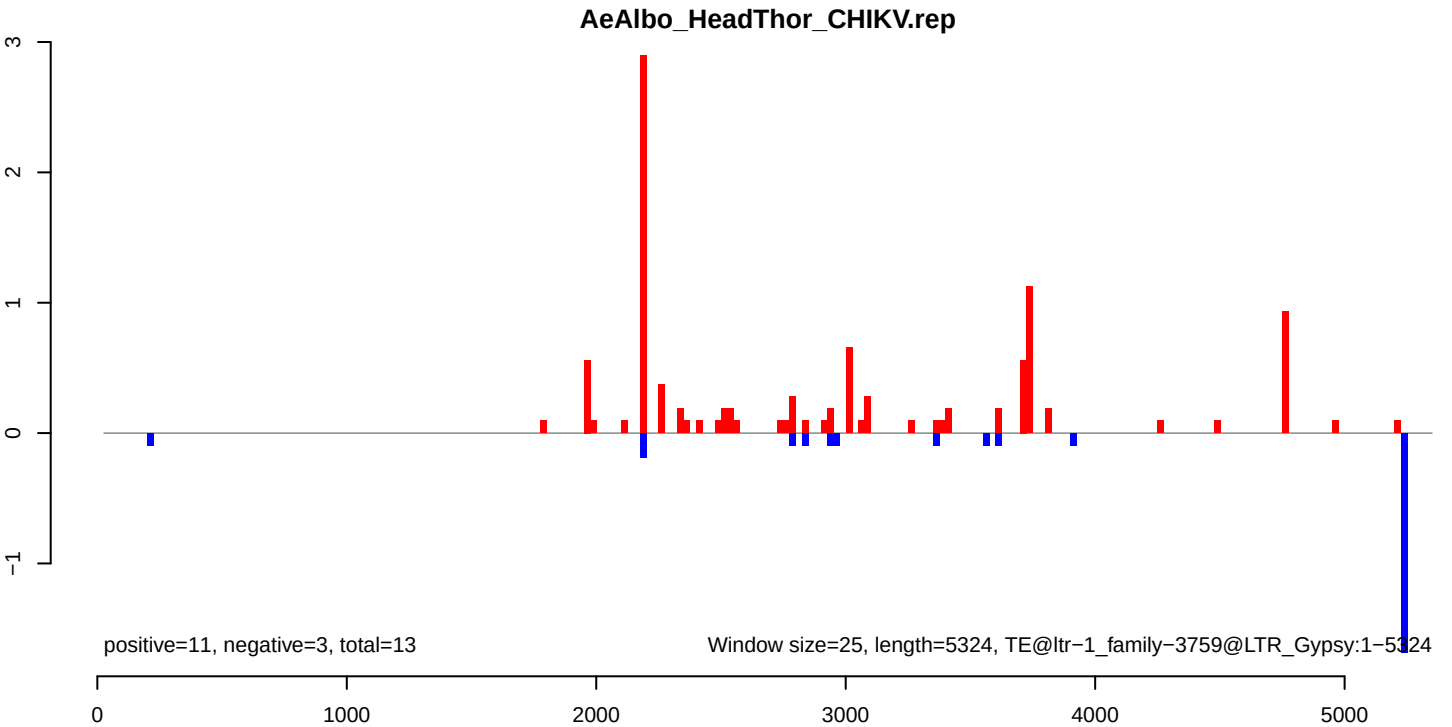

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
positive=9, negative=6, total=15

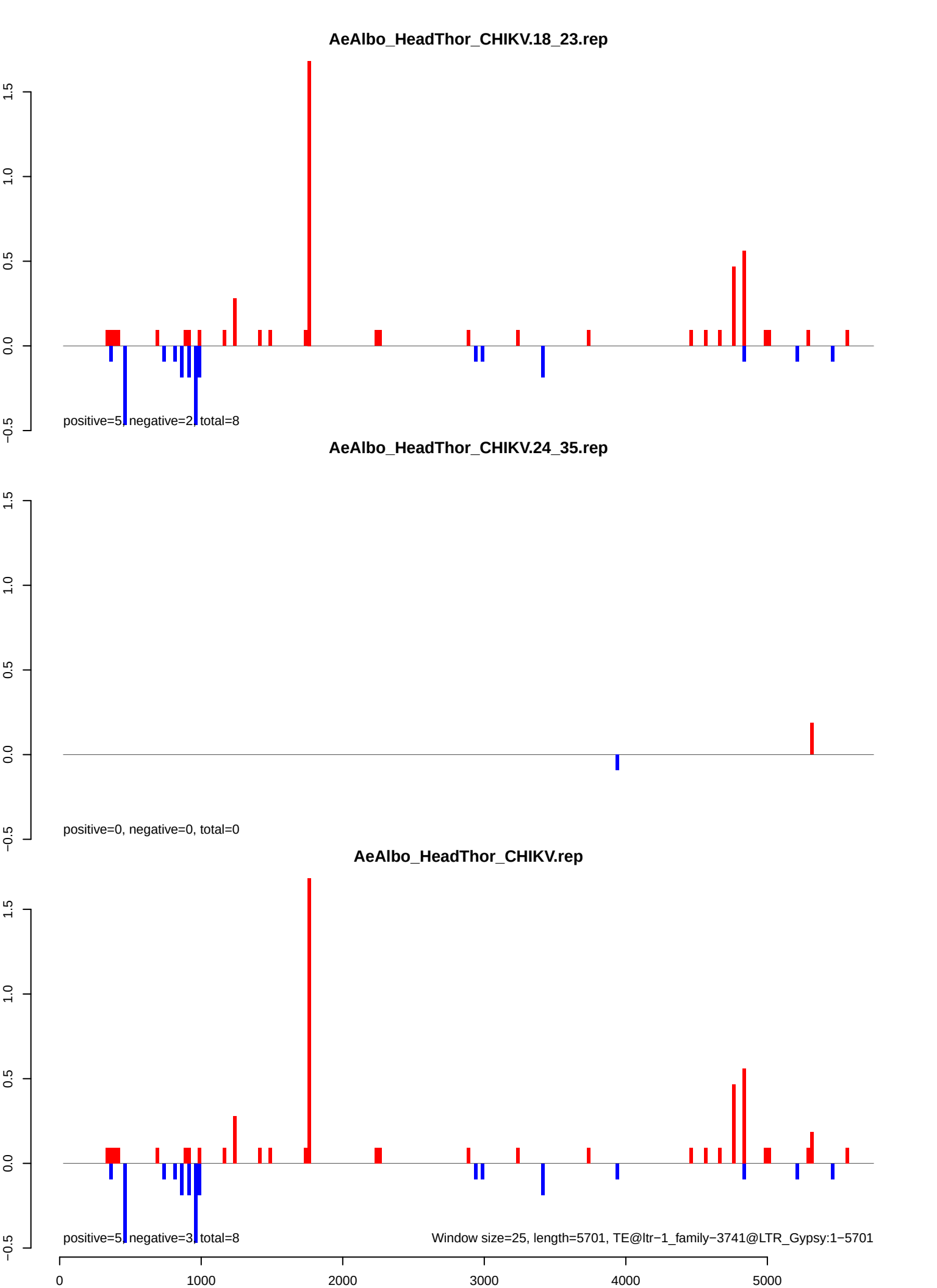

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
positive=1, negative=0, total=2

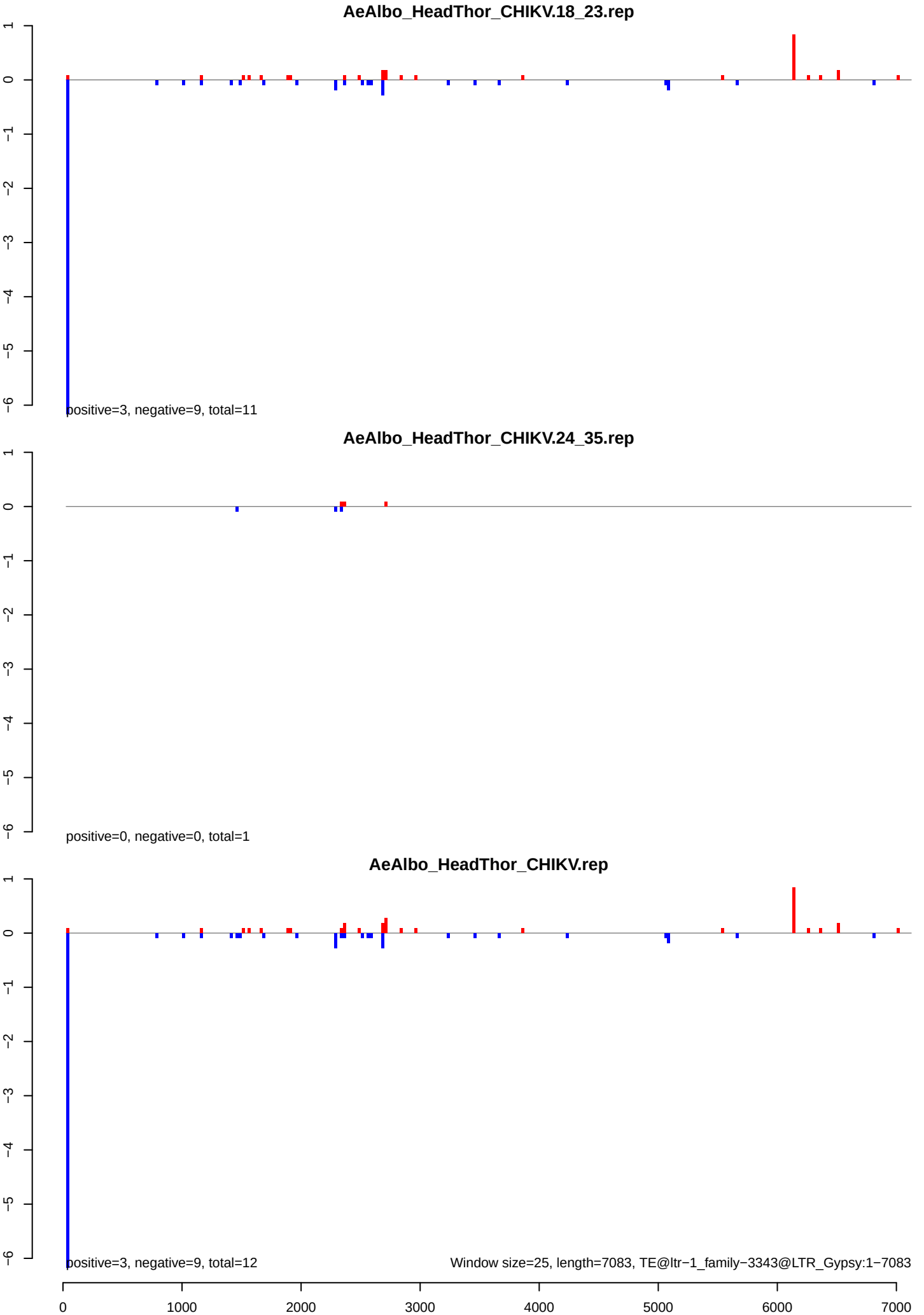

AeAlbo_HeadThor_CHIKV.rep
4
3
2
1
0
−1
positive=10, negative=6, total=16
Window size=25, length=4688, TE@ltr−1_family−3768@LTR_Gypsy:1−4688
0
1000
2000
3000
4000

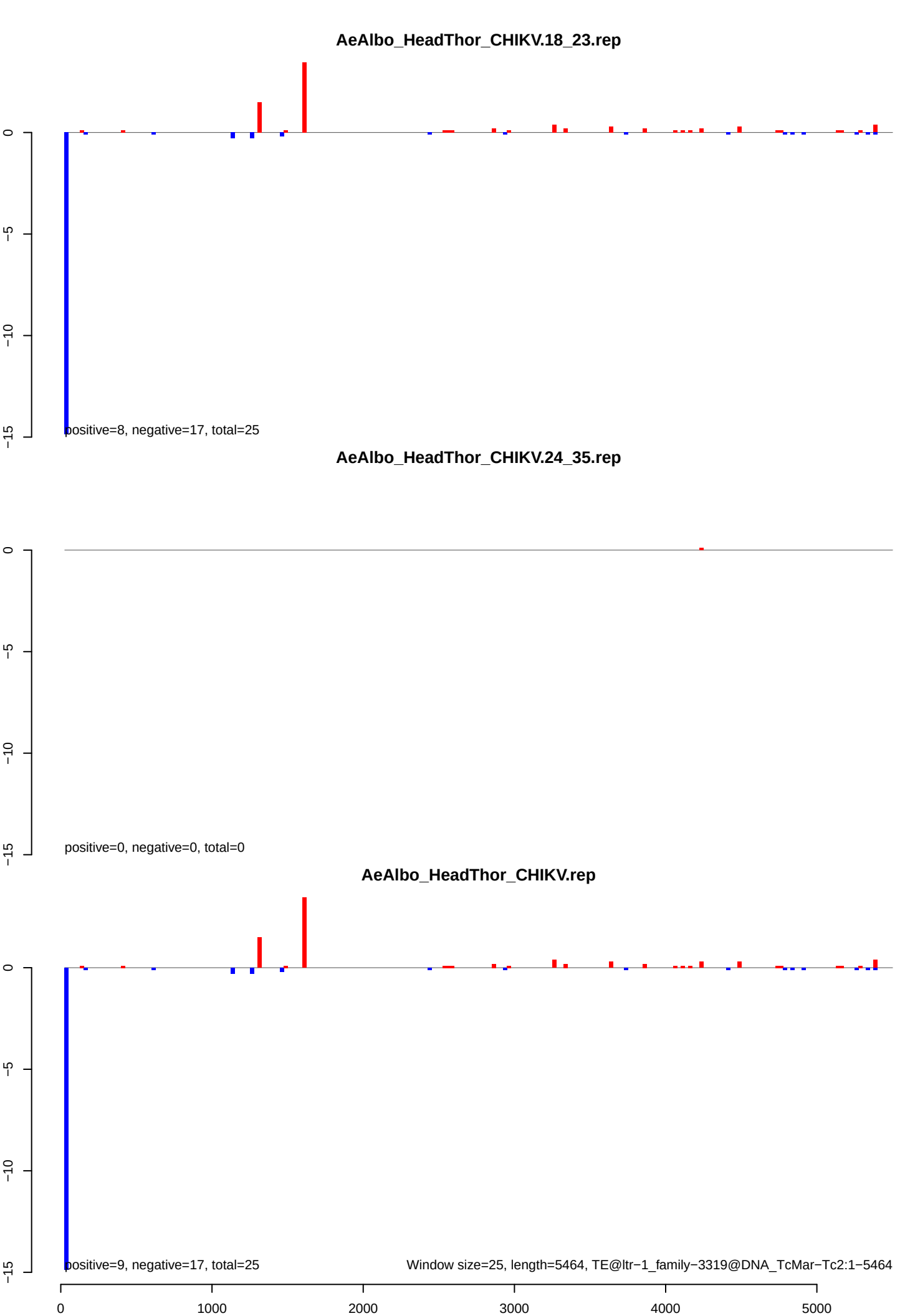

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=10, negative=3, total=13

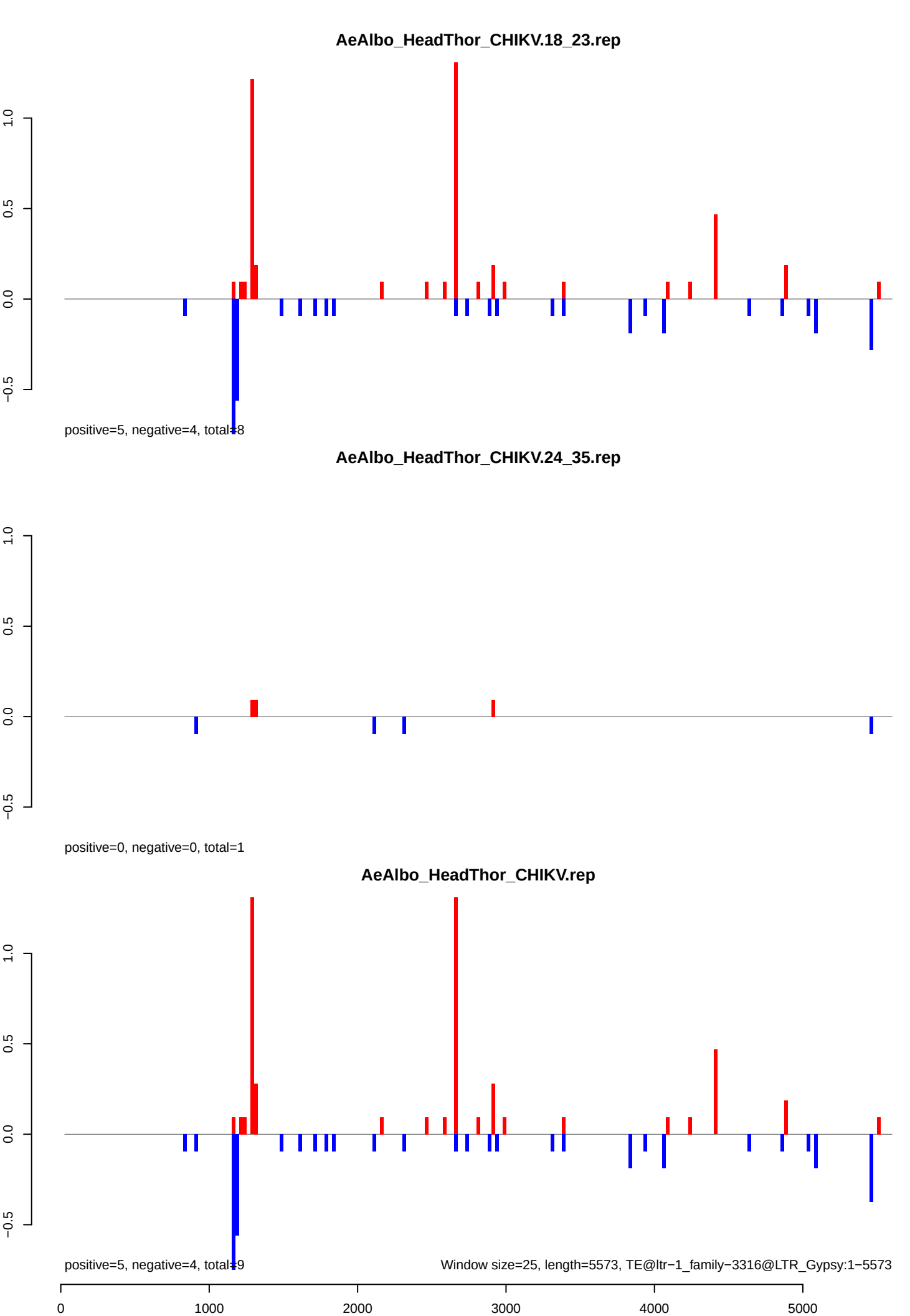

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=1, negative=0, total=1

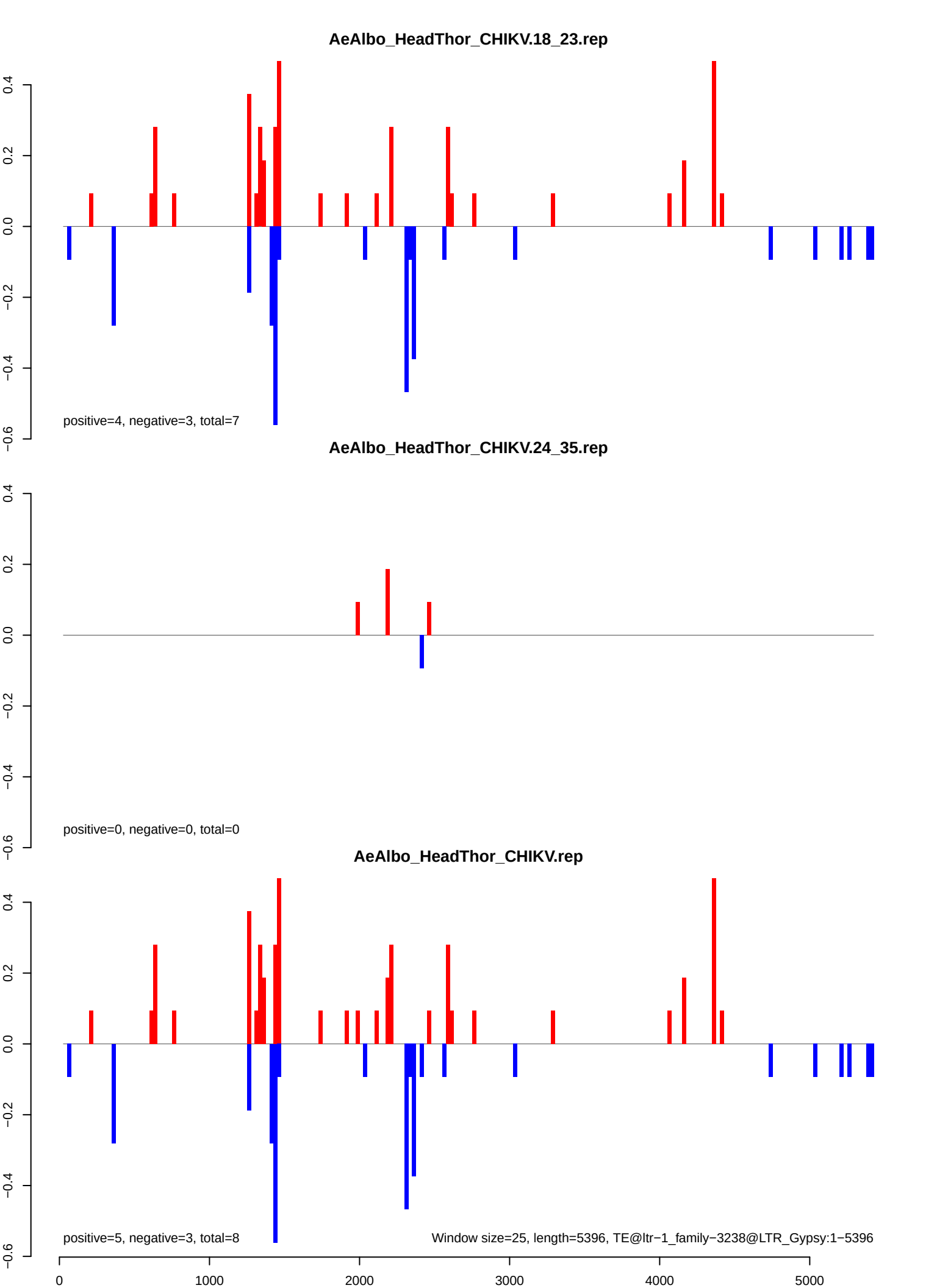

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
positive=11, negative=3, total=13
Window size=25, length=5324, TE@ltr−1_family−3759@LTR_Gypsy:1−5324
0
1000
2000
3000
4000
5000

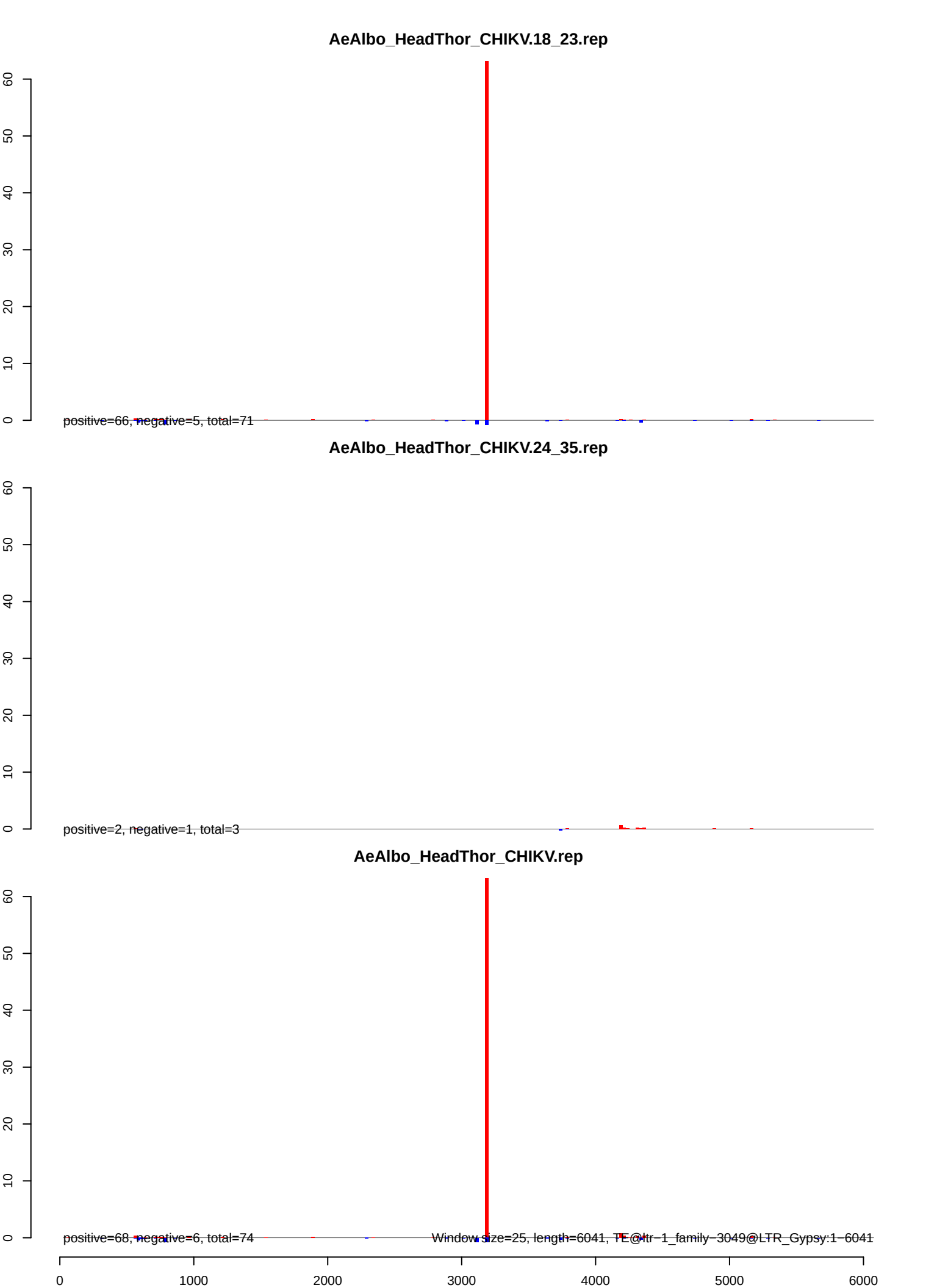

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=2, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=3, total=8
Window size=25, length=5701, TE@ltr−1_family−3741@LTR_Gypsy:1−5701
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000
5000

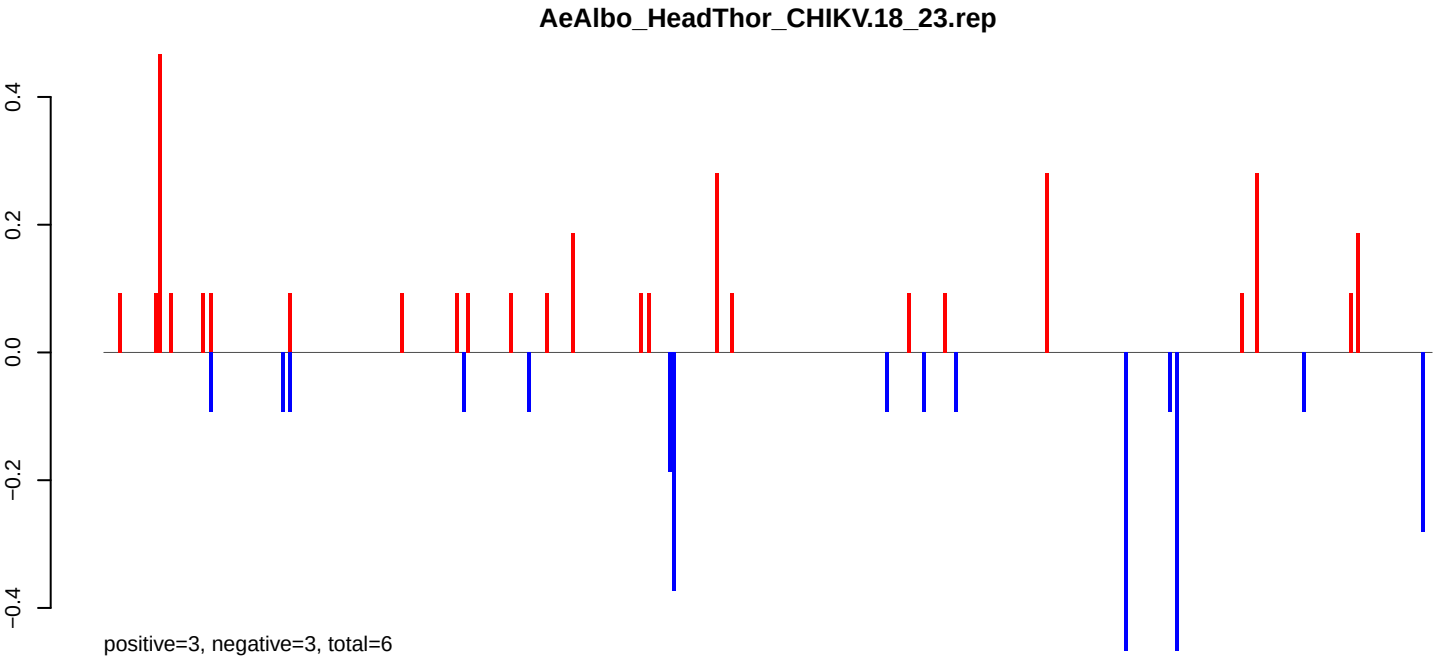

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
−4
−5
−6
positive=3, negative=9, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=9, total=12
Window size=25, length=7083, TE@ltr−1_family−3343@LTR_Gypsy:1−7083
0
1000
2000
3000
4000
5000
6000
7000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=8, negative=17, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=9, negative=17, total=25
Window size=25, length=5464, TE@ltr−1_family−3319@DNA_TcMar−Tc2:1−5464
0
1000
2000
3000
4000
5000

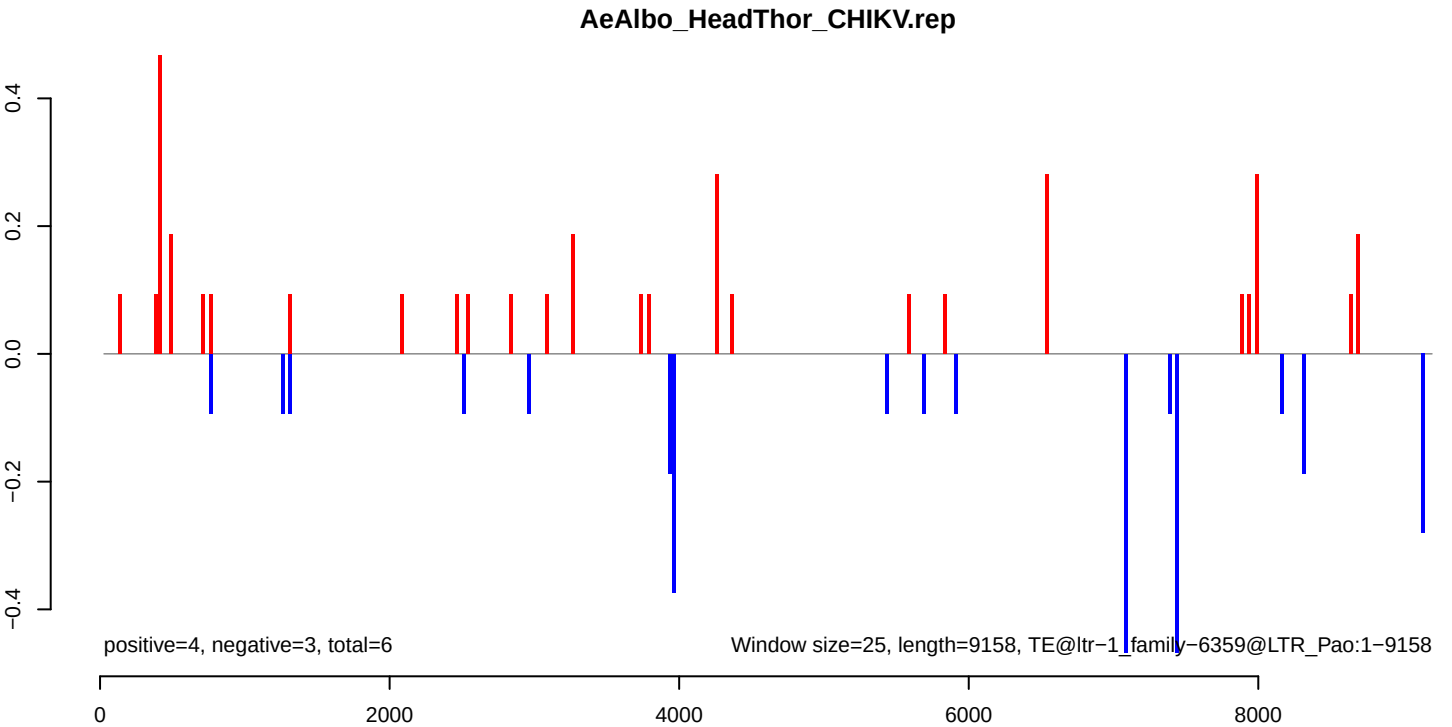

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=5, negative=4, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=5, negative=4, total=9
Window size=25, length=5573, TE@ltr−1_family−3316@LTR_Gypsy:1−5573
0
1000
2000
3000
4000
5000

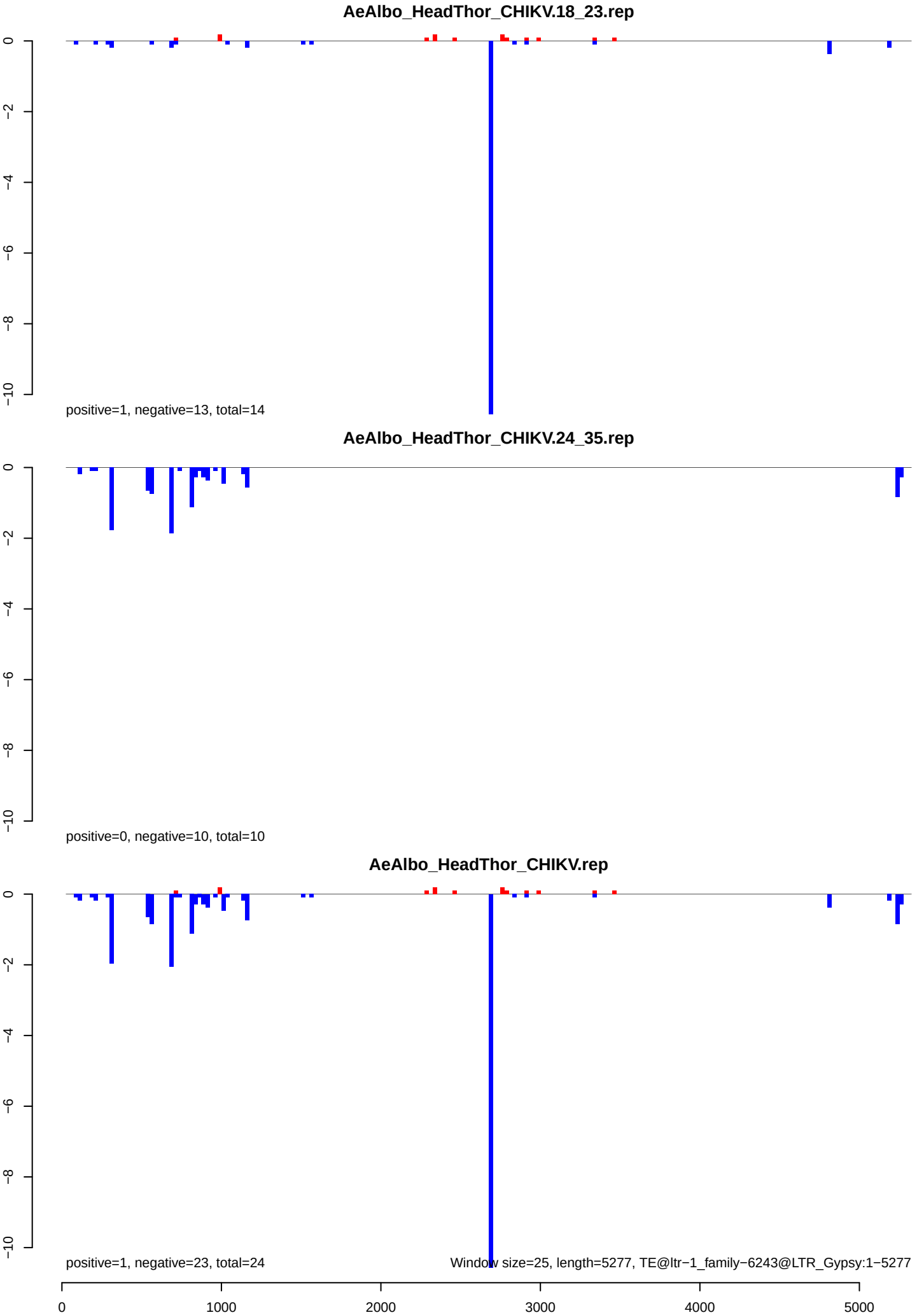

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=3, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=3, total=8
Window size=25, length=5396, TE@ltr−1_family−3238@LTR_Gypsy:1−5396
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000
5000

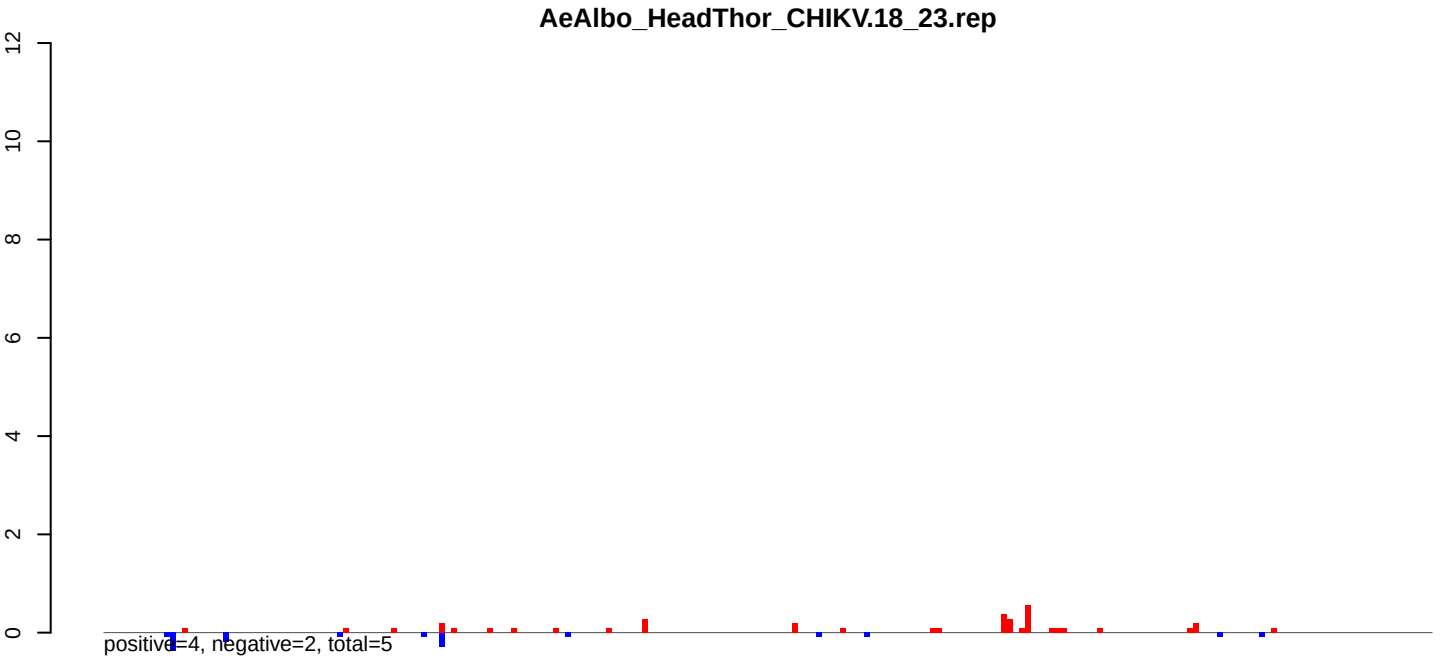

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=66, negative=5, total=71
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=68, negative=6, total=74
Window size=25, length=6041, TE@ltr−1_family−3049@LTR_Gypsy:1−6041
0
10
20
30
40
50
60
0
1000
2000
3000
4000
5000
6000

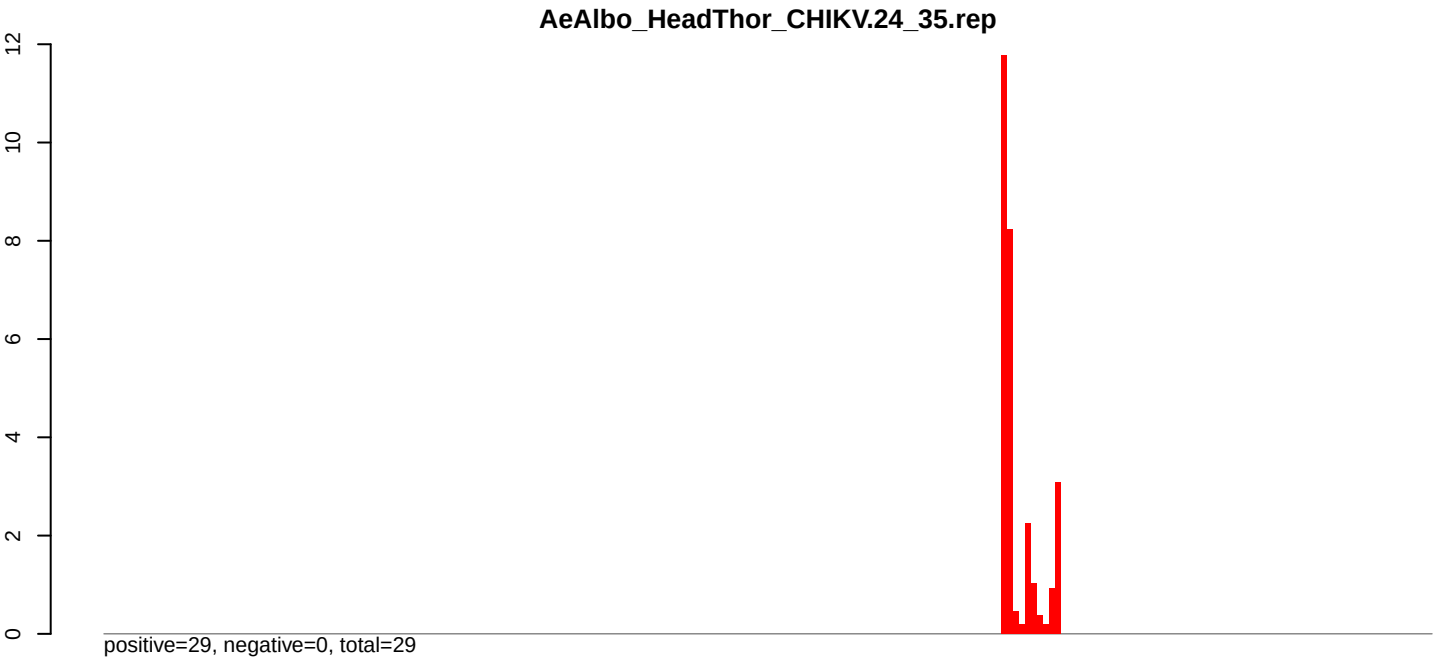

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=3, total=6

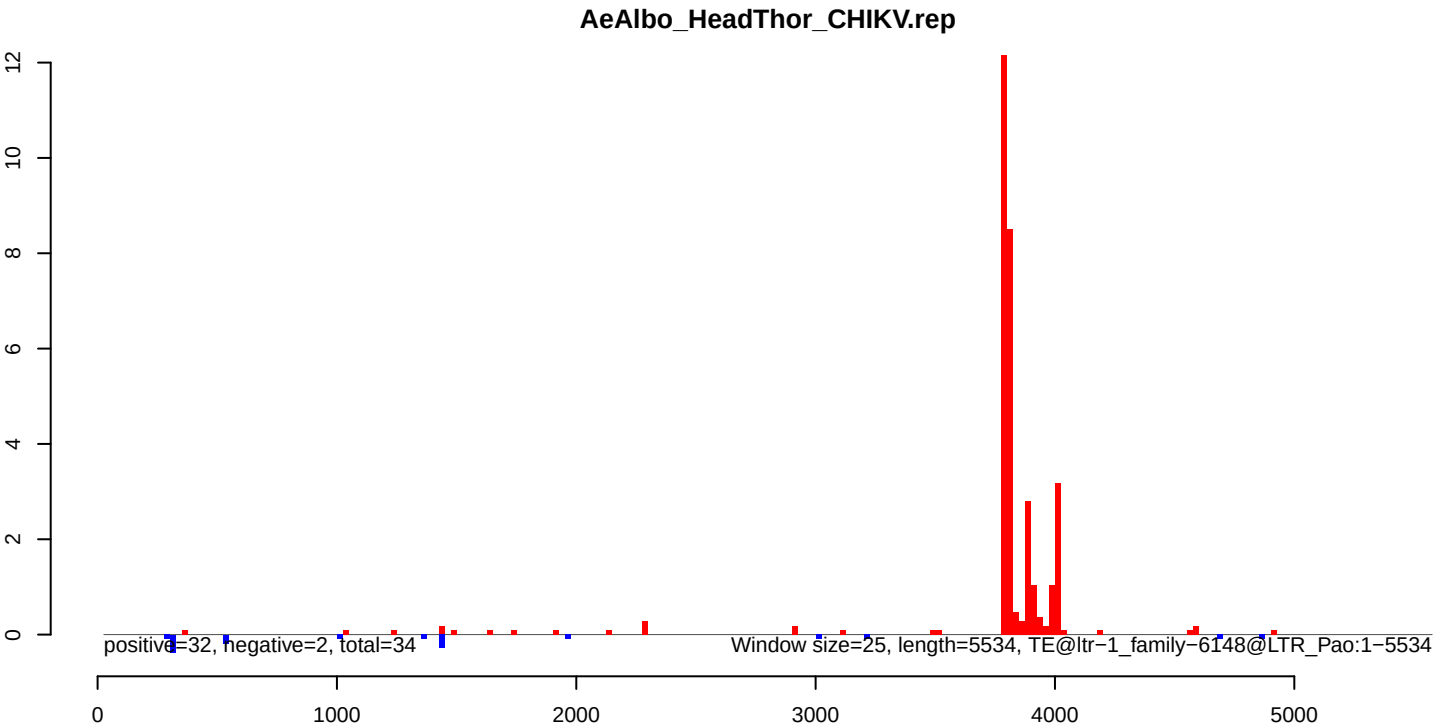
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

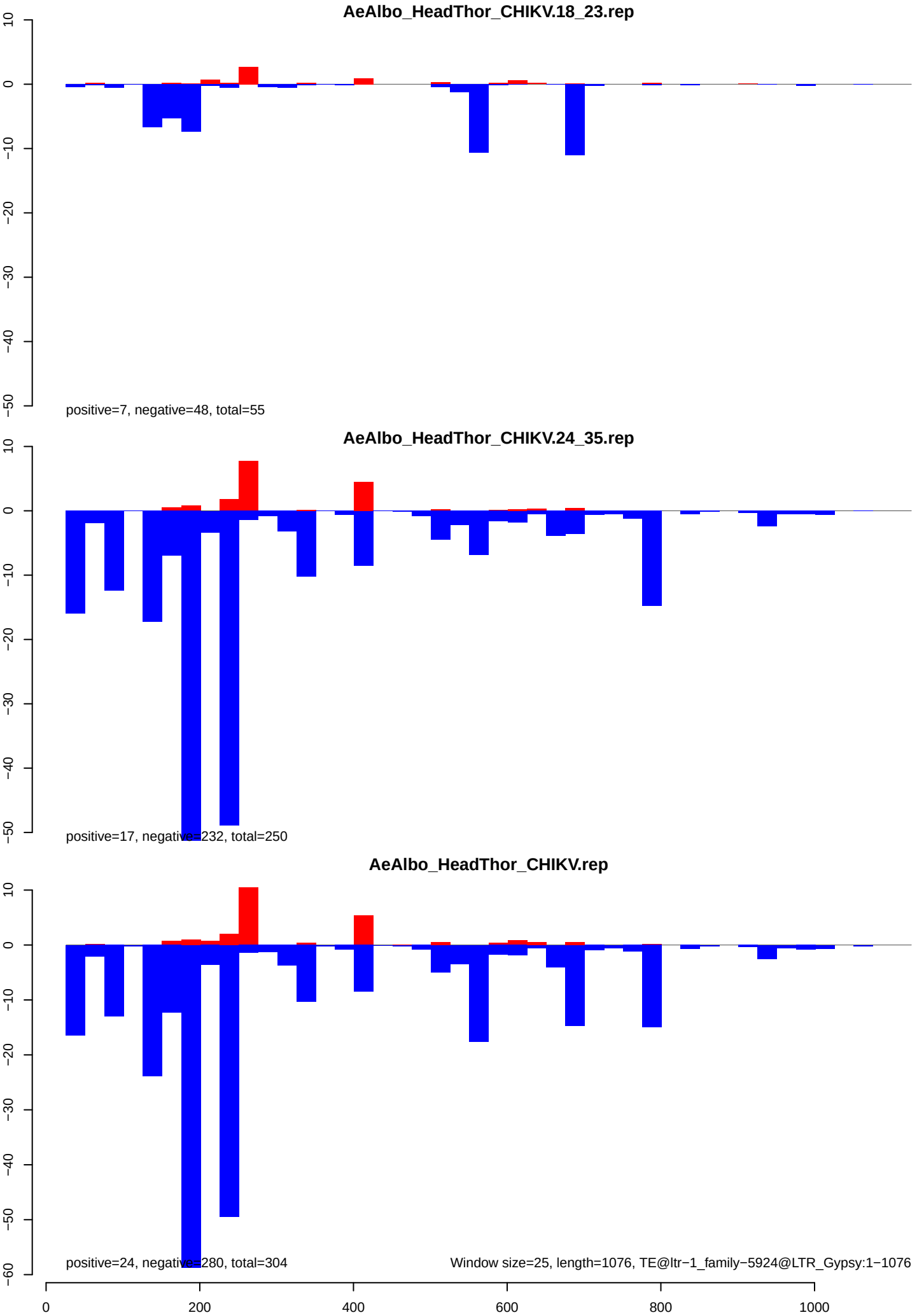

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=4, negative=3, total=6
Window size=25, length=9158, TE@ltr−1_family−6359@LTR_Pao:1−9158
0
2000
4000
6000
8000

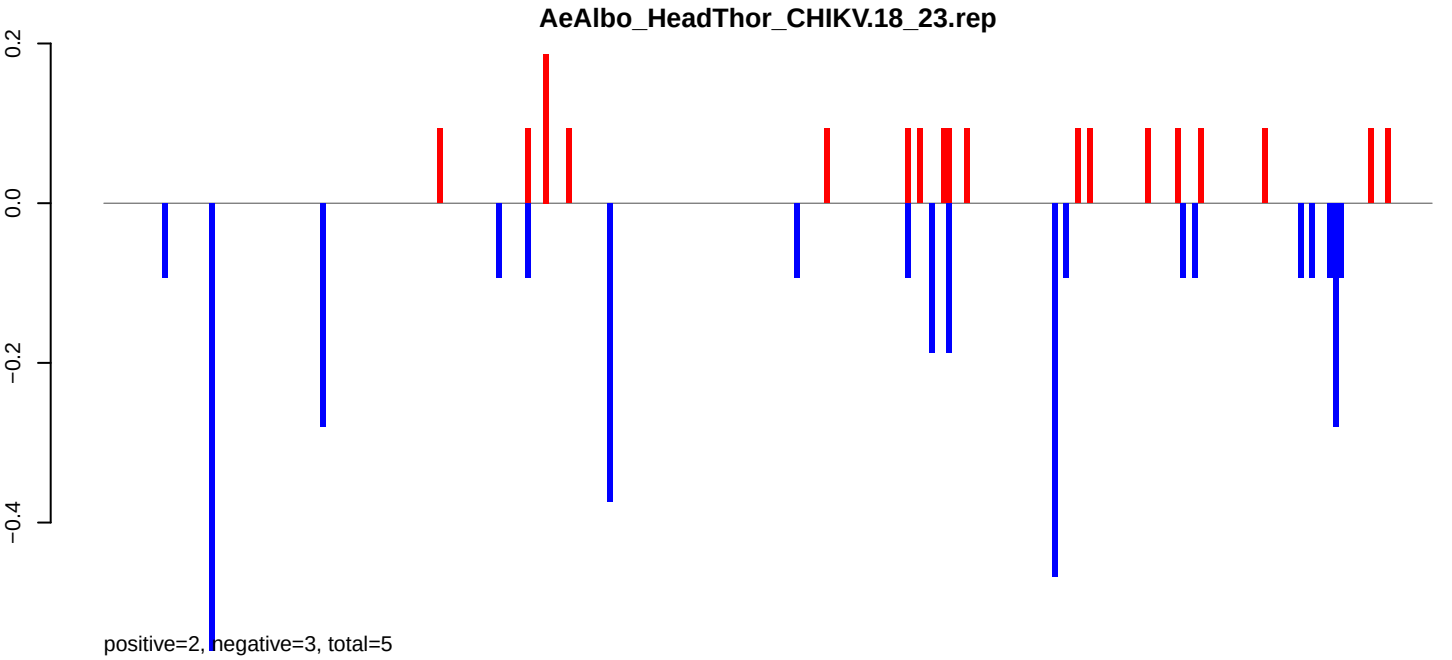

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
positive=1, negative=13, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
positive=0, negative=10, total=10
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
positive=1, negative=23, total=24
Window size=25, length=5277, TE@ltr−1_family−6243@LTR_Gypsy:1−5277
0
1000
2000
3000
4000
5000

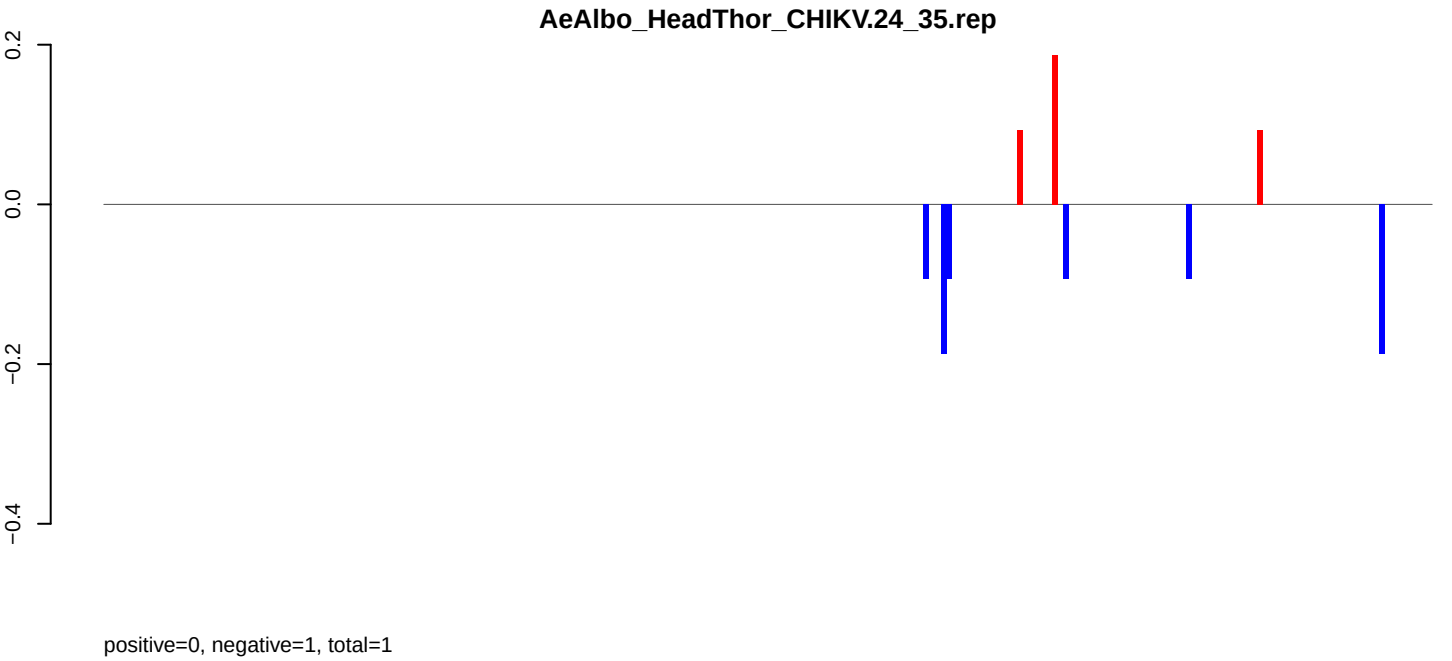

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
10
12
positive=4, negative=2, total=5

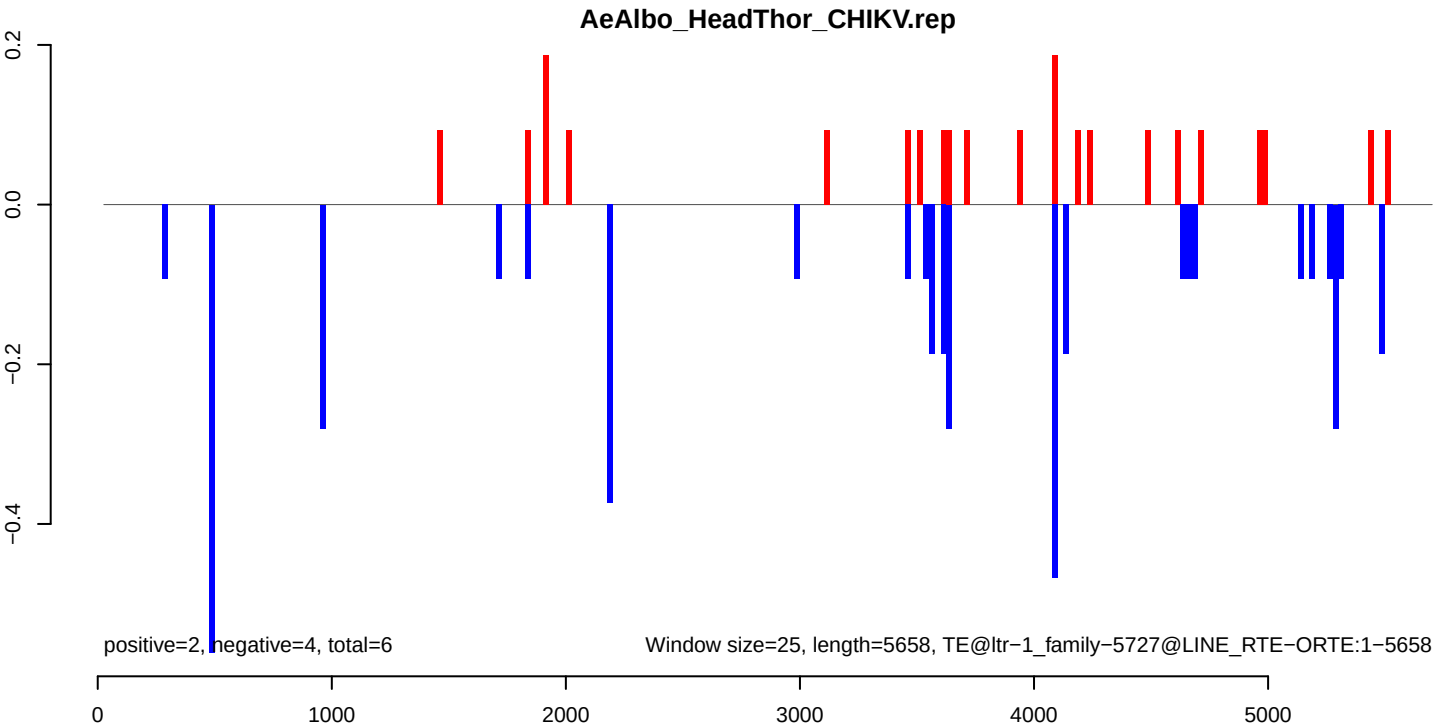

AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
10
12
positive=29, negative=0, total=29

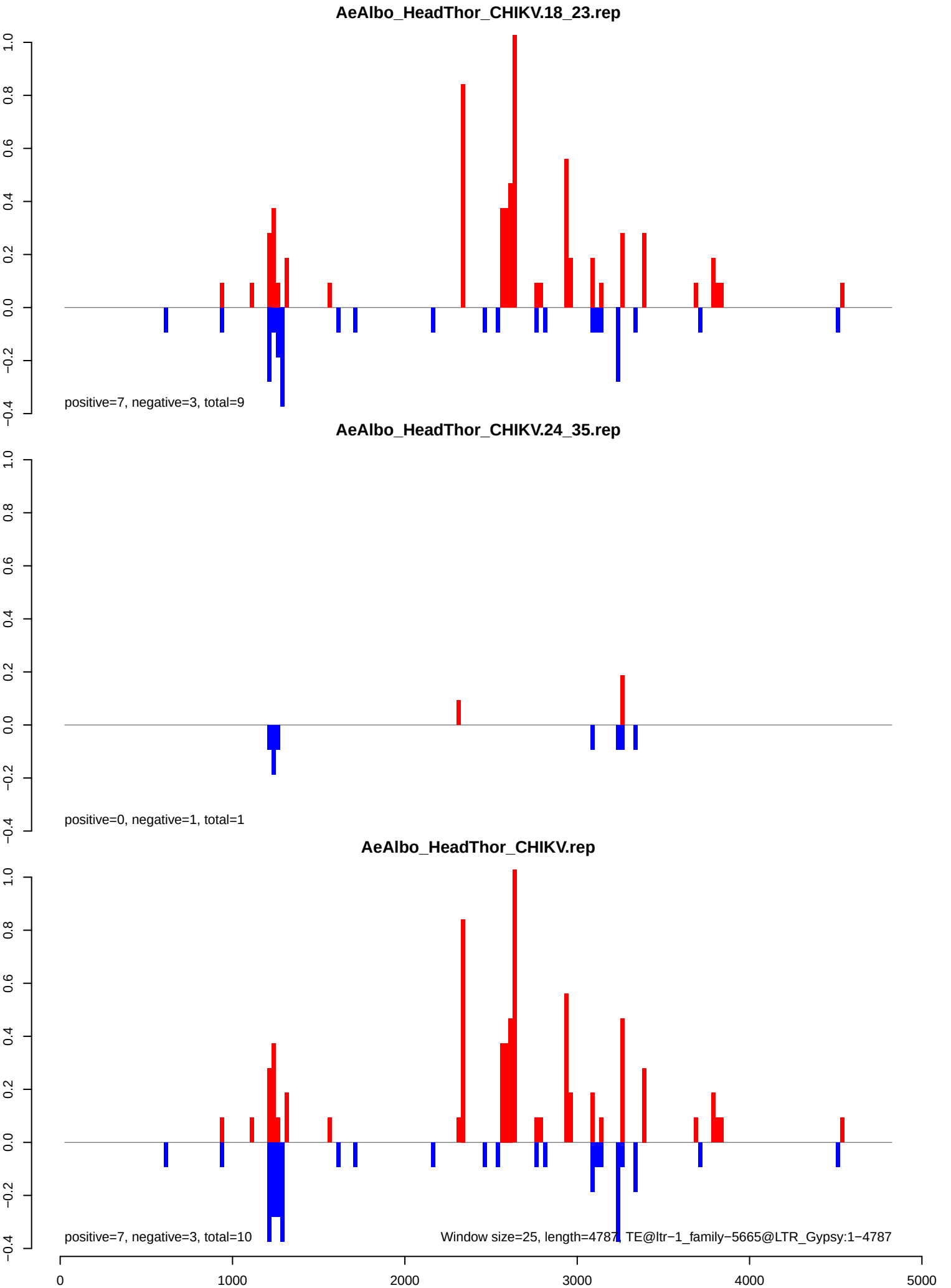

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
10
12
positive=32, negative=2, total=34
Window size=25, length=5534, TE@ltr−1_family−6148@LTR_Pao:1−5534
0
1000
2000
3000
4000
5000

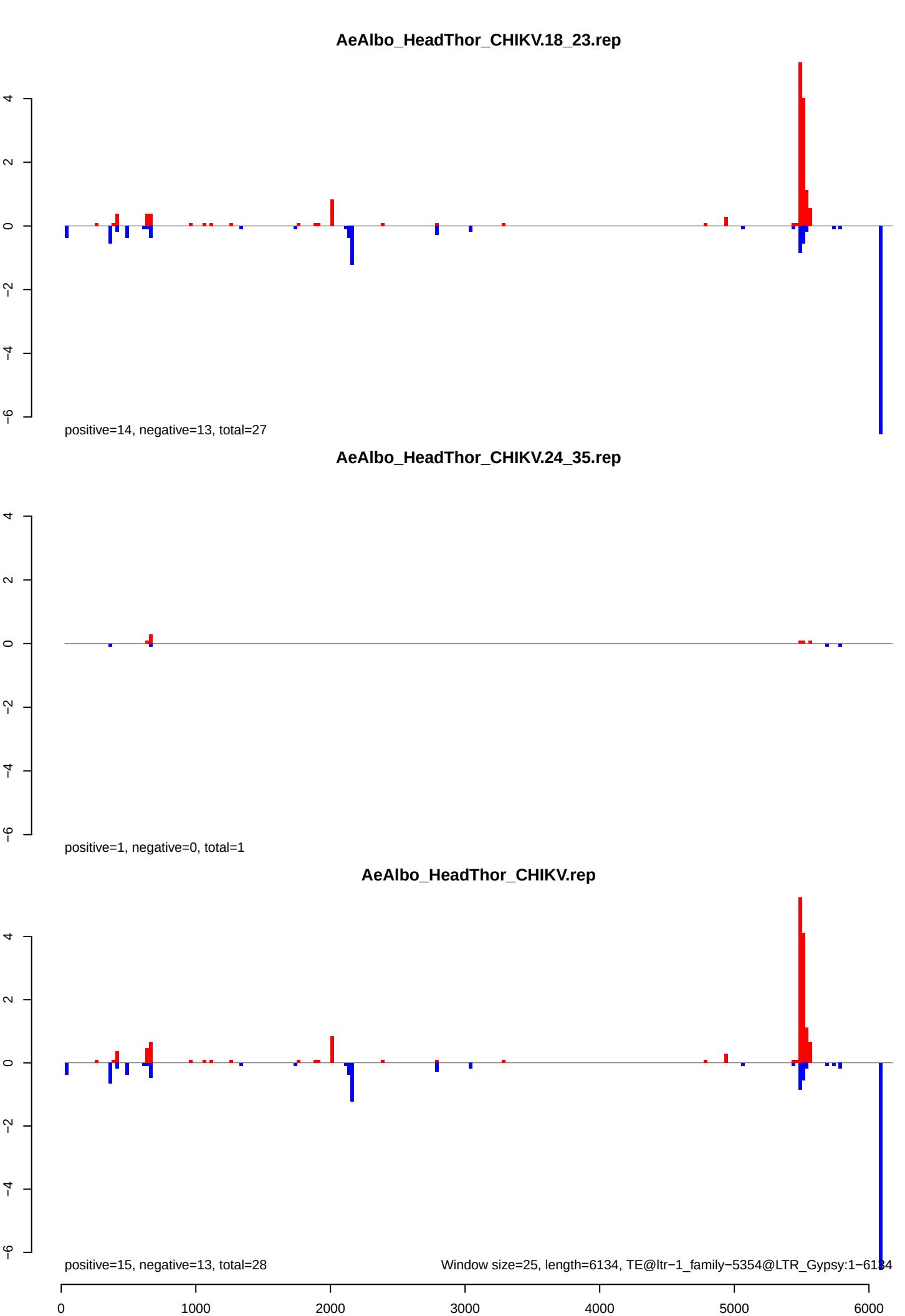

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=48, total=55
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=17, negative=232, total=250
AeAlbo_HeadThor_CHIKV.rep
positive=24, negative=280, total=304
Window size=25, length=1076, TE@ltr−1_family−5924@LTR_Gypsy:1−1076
10
0
−10
−20
−30
−40
−50
−60
0
200
400
600
800
1000

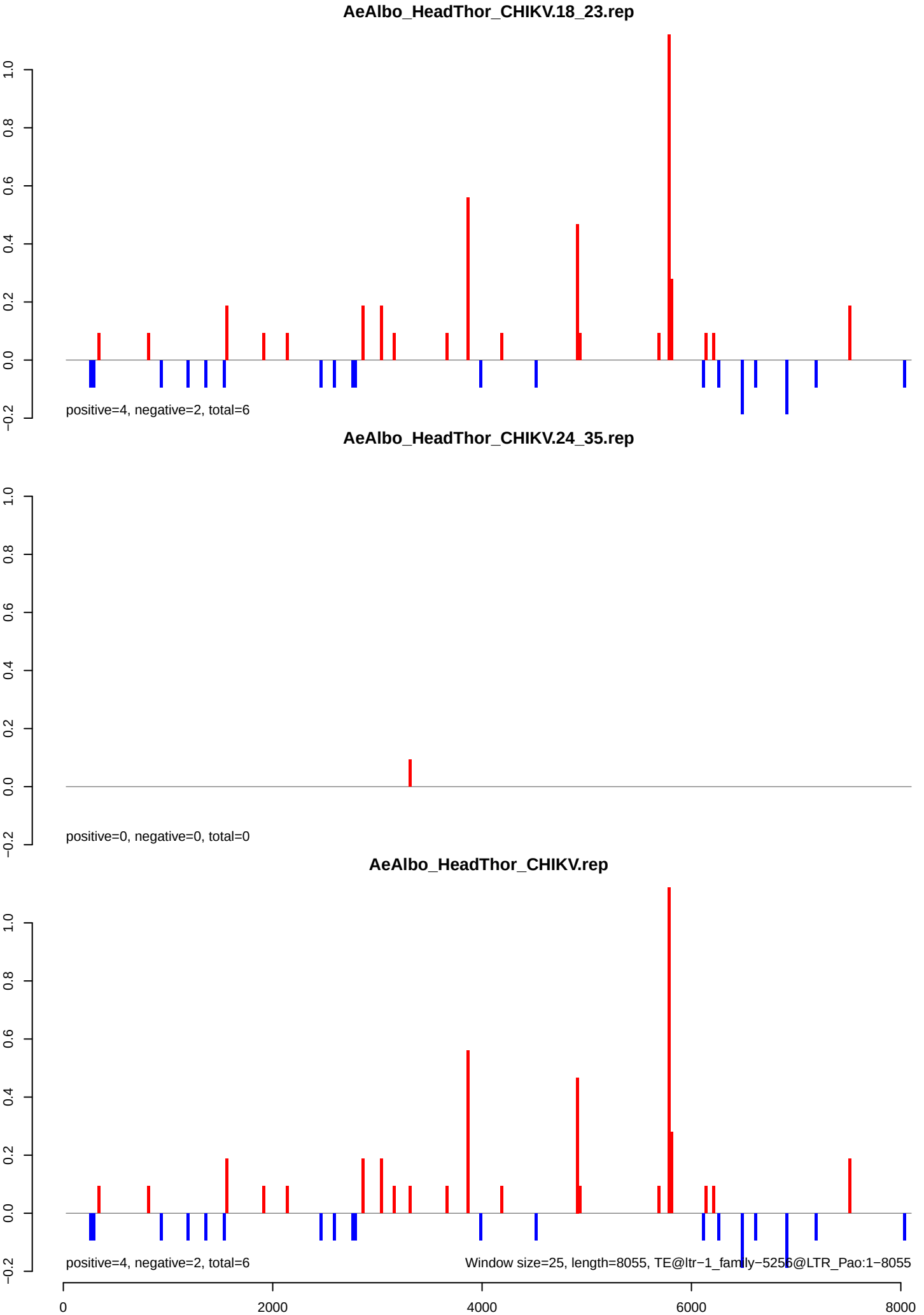

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=3, total=5

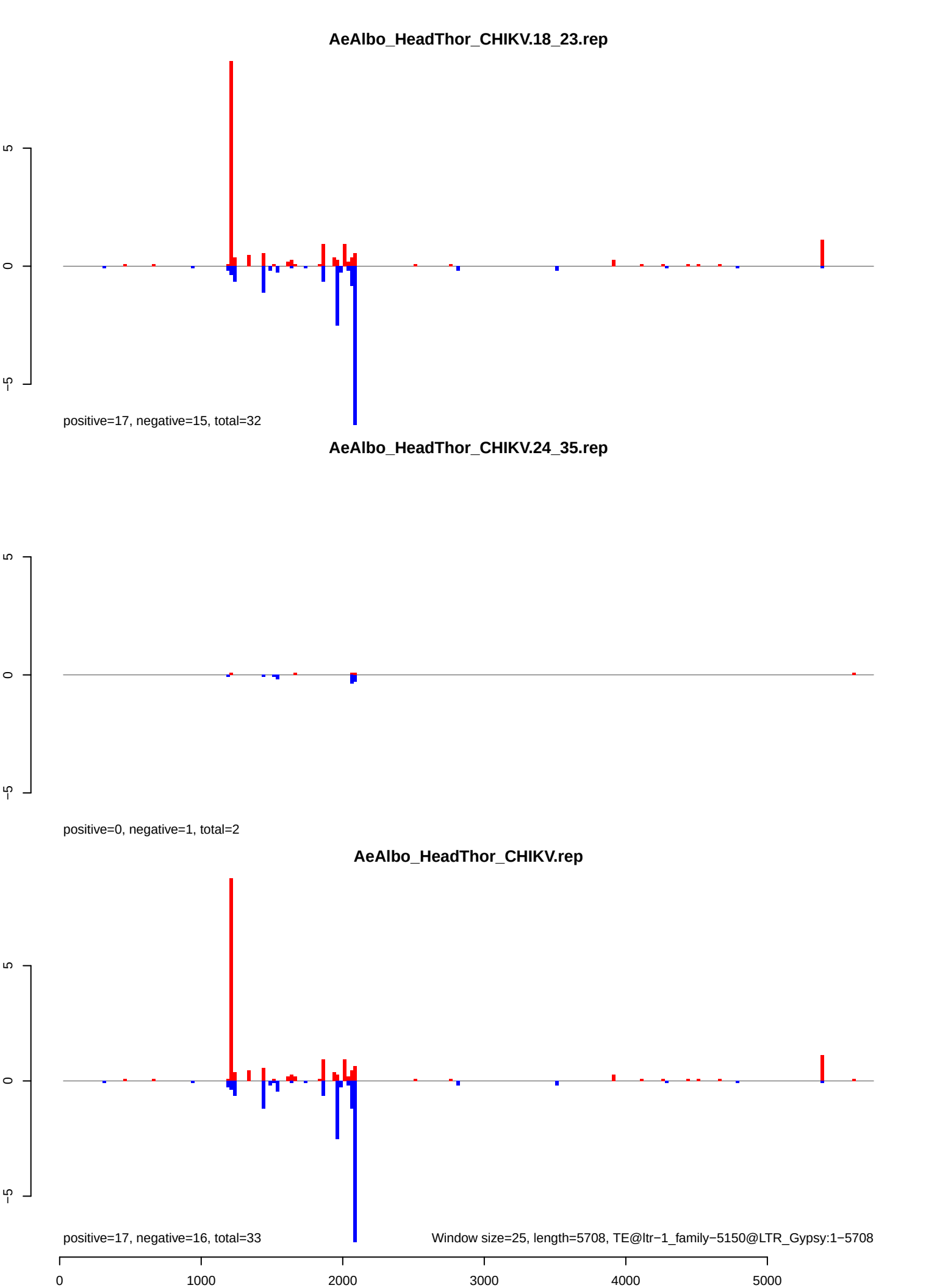

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1

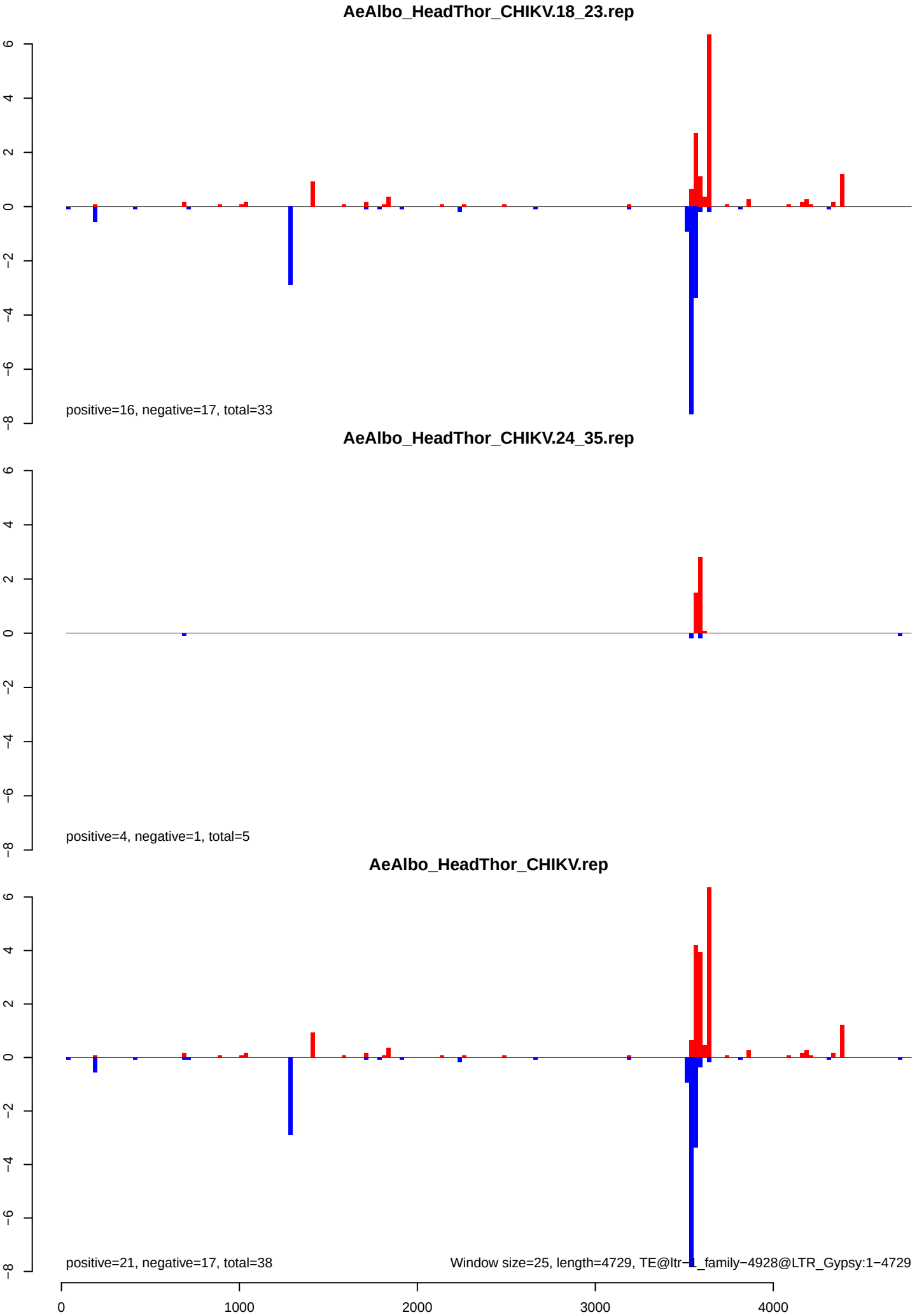

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=4, total=6
Window size=25, length=5658, TE@ltr−1_family−5727@LINE_RTE−ORTE:1−5658
0
1000
2000
3000
4000
5000

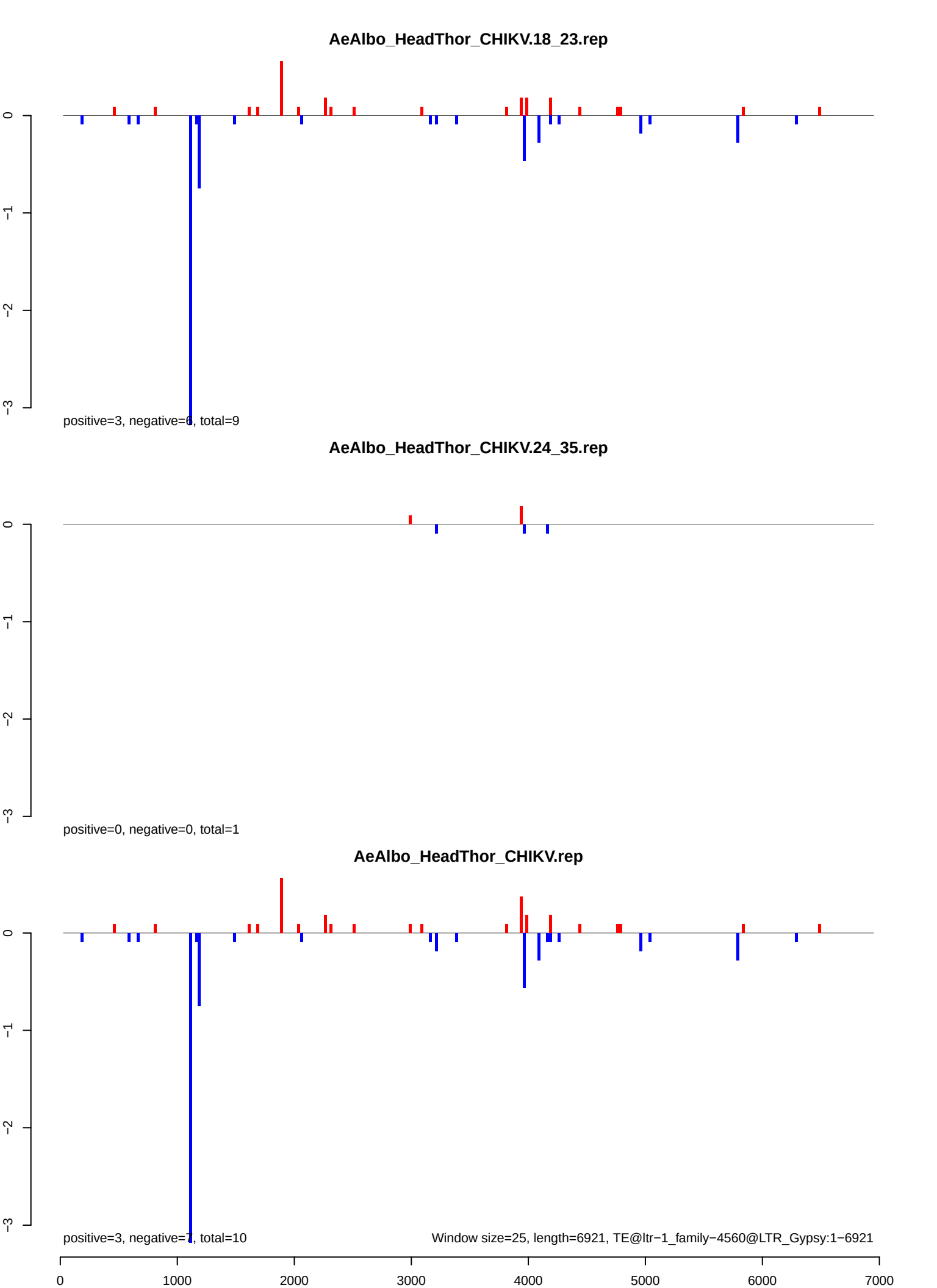

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=3, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=3, total=10
Window size=25, length=4787, TE@ltr−1_family−5665@LTR_Gypsy:1−4787
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
1000
2000
3000
4000
5000

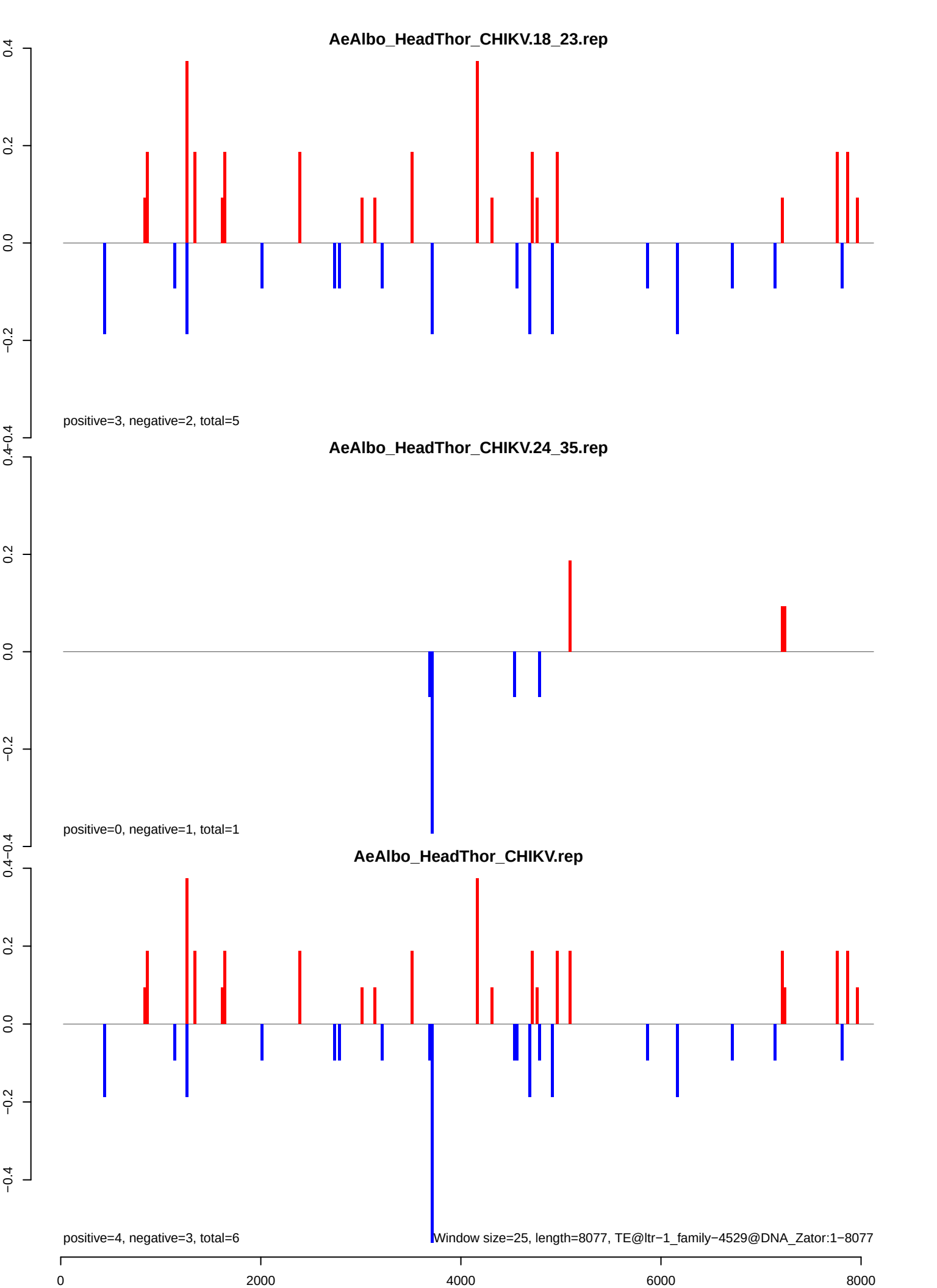

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
−4
−6
positive=14, negative=13, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
−4
−6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
−4
−6
positive=15, negative=13, total=28
Window size=25, length=6134, TE@ltr−1_family−5354@LTR_Gypsy:1−6134
0
1000
2000
3000
4000
5000
6000

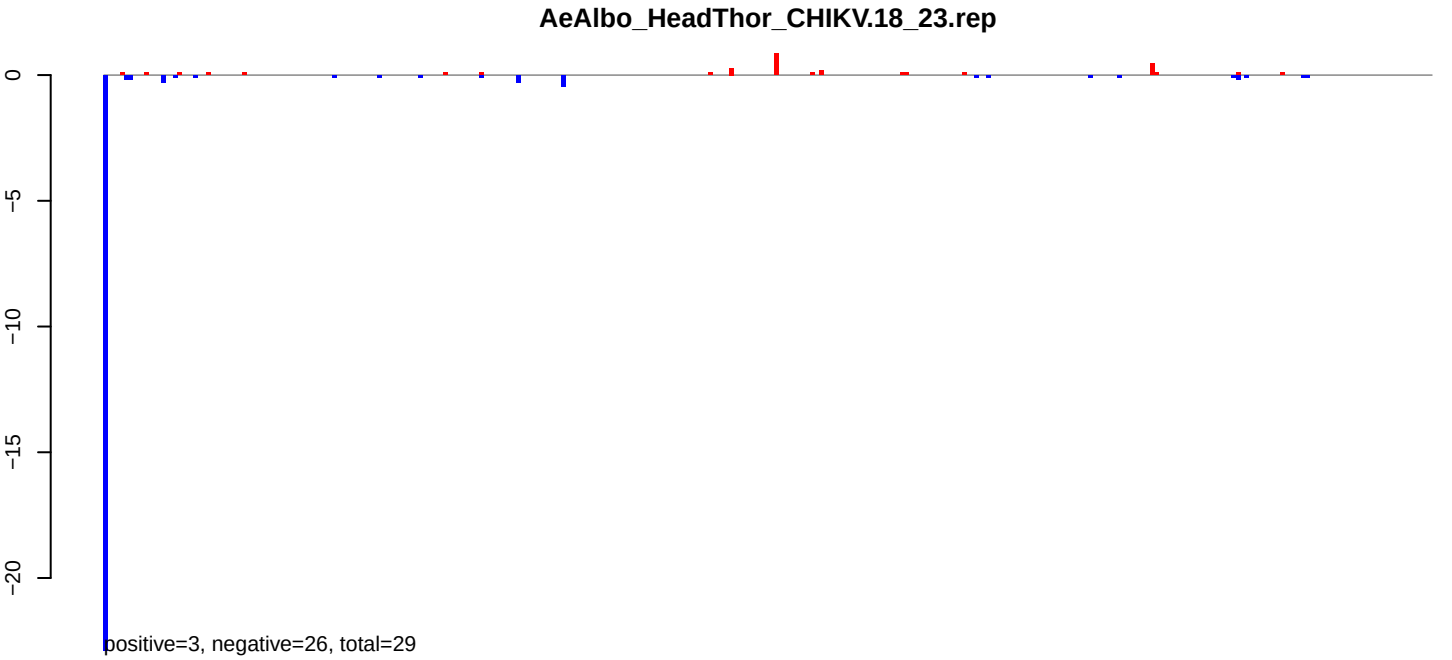

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=2, total=6
Window size=25, length=8055, TE@ltr−1_family−5256@LTR_Pao:1−8055
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
2000
4000
6000
8000


AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
positive=17, negative=15, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
5
0
−5
positive=17, negative=16, total=33
Window size=25, length=5708, TE@ltr−1_family−5150@LTR_Gypsy:1−5708
0
1000
2000
3000
4000
5000

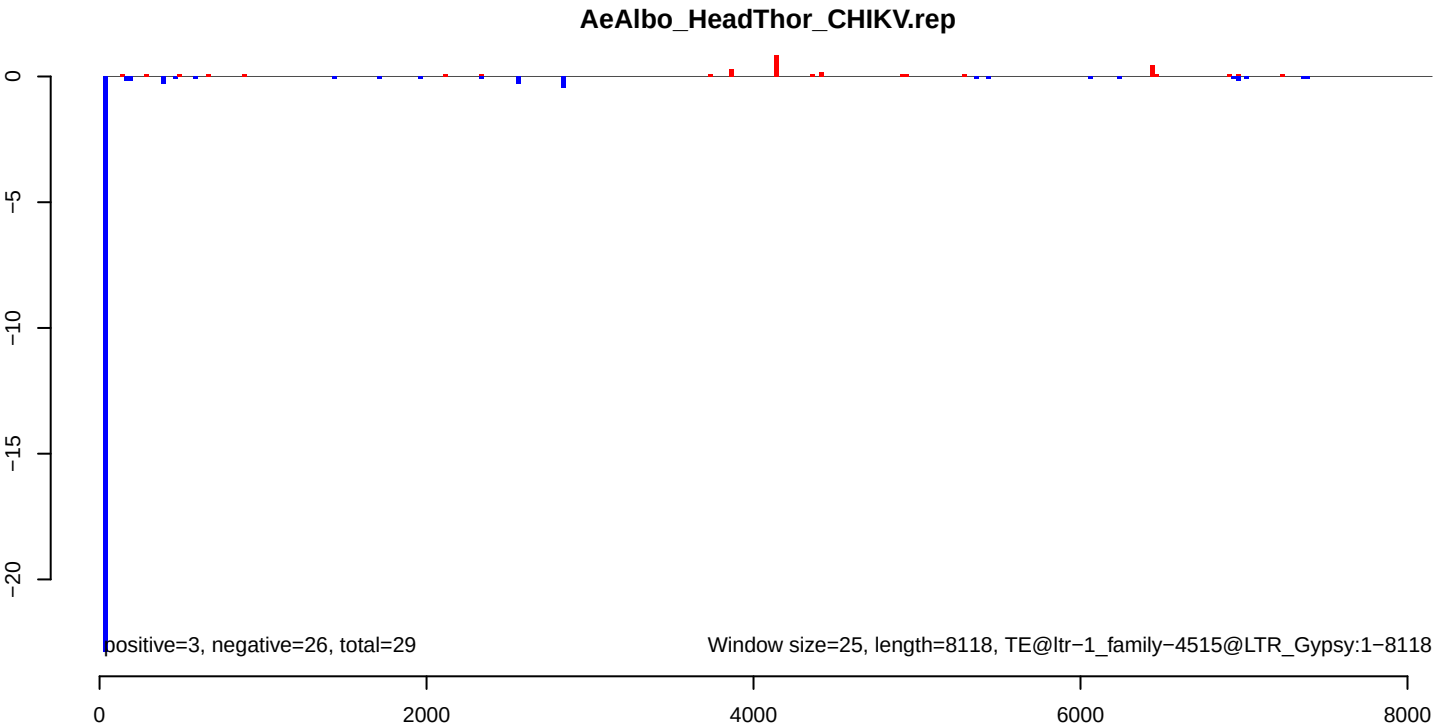

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=17, total=33
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=21, negative=17, total=38
Window size=25, length=4729, TE@ltr−1_family−4928@LTR_Gypsy:1−4729
6
4
2
0
−2
−4
−6
−8
0
1000
2000
3000
4000

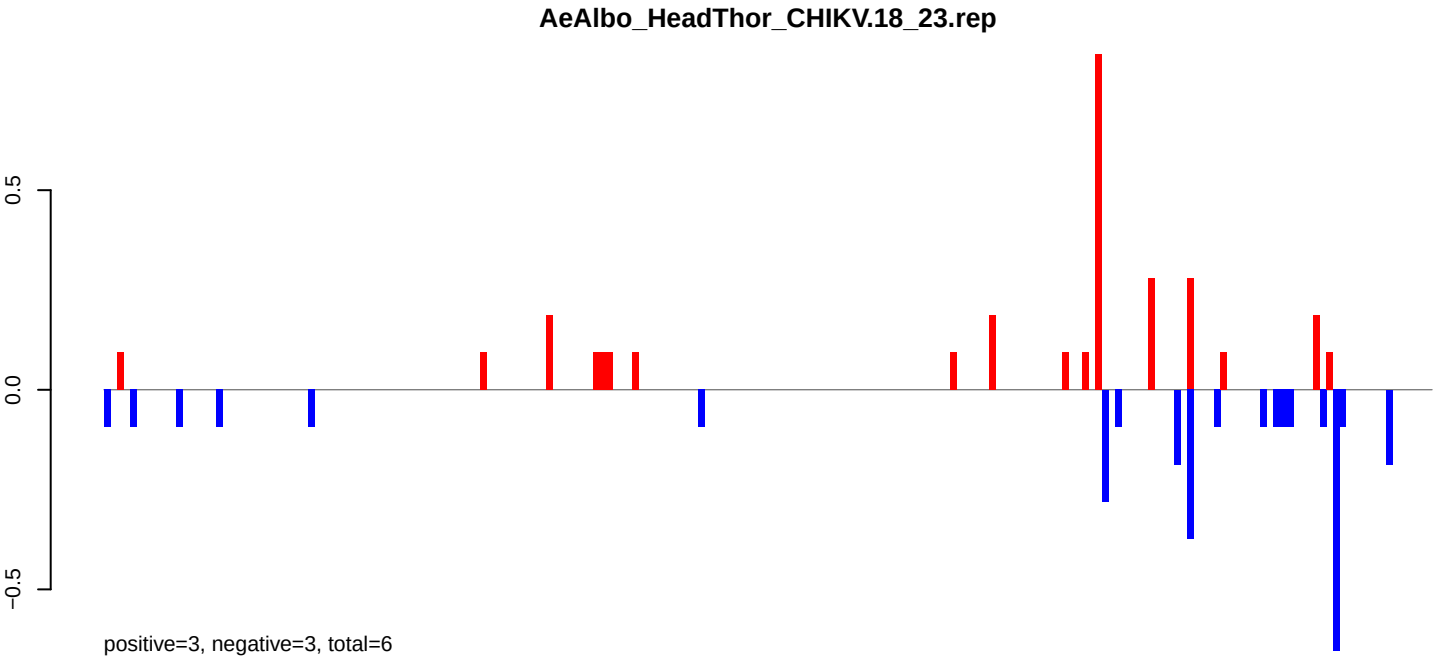

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=3, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=3, negative=7, total=10
Window size=25, length=6921, TE@ltr−1_family−4560@LTR_Gypsy:1−6921
0
1000
2000
3000
4000
5000
6000
7000

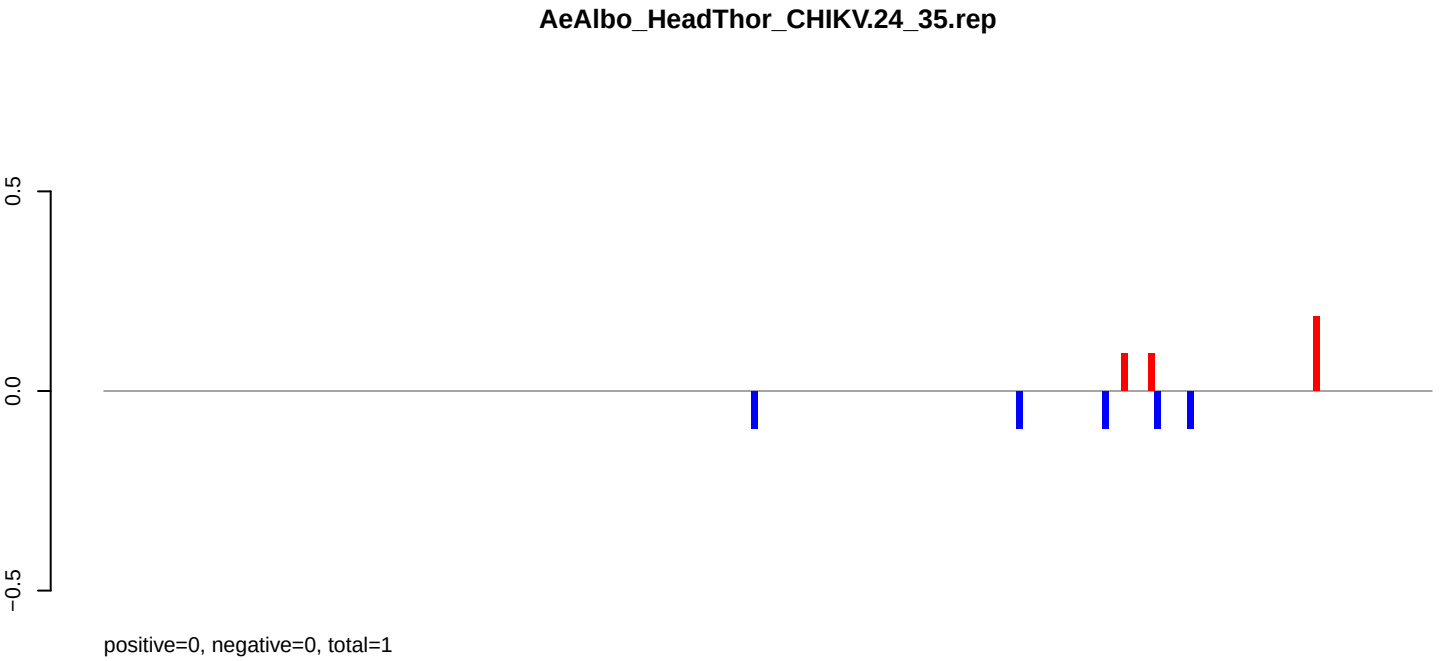

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=4, negative=3, total=6
Window size=25, length=8077, TE@ltr−1_family−4529@DNA_Zator:1−8077
0
2000
4000
6000
8000

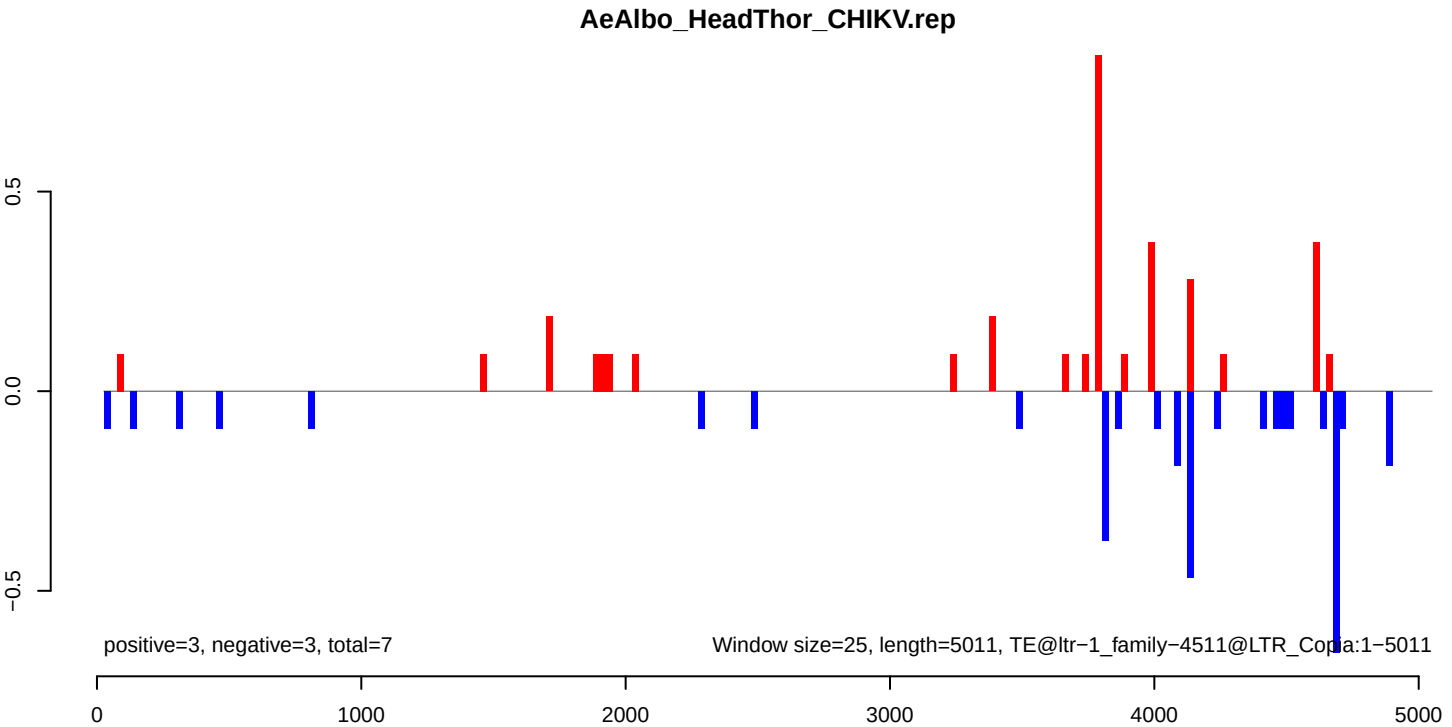

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=26, total=29

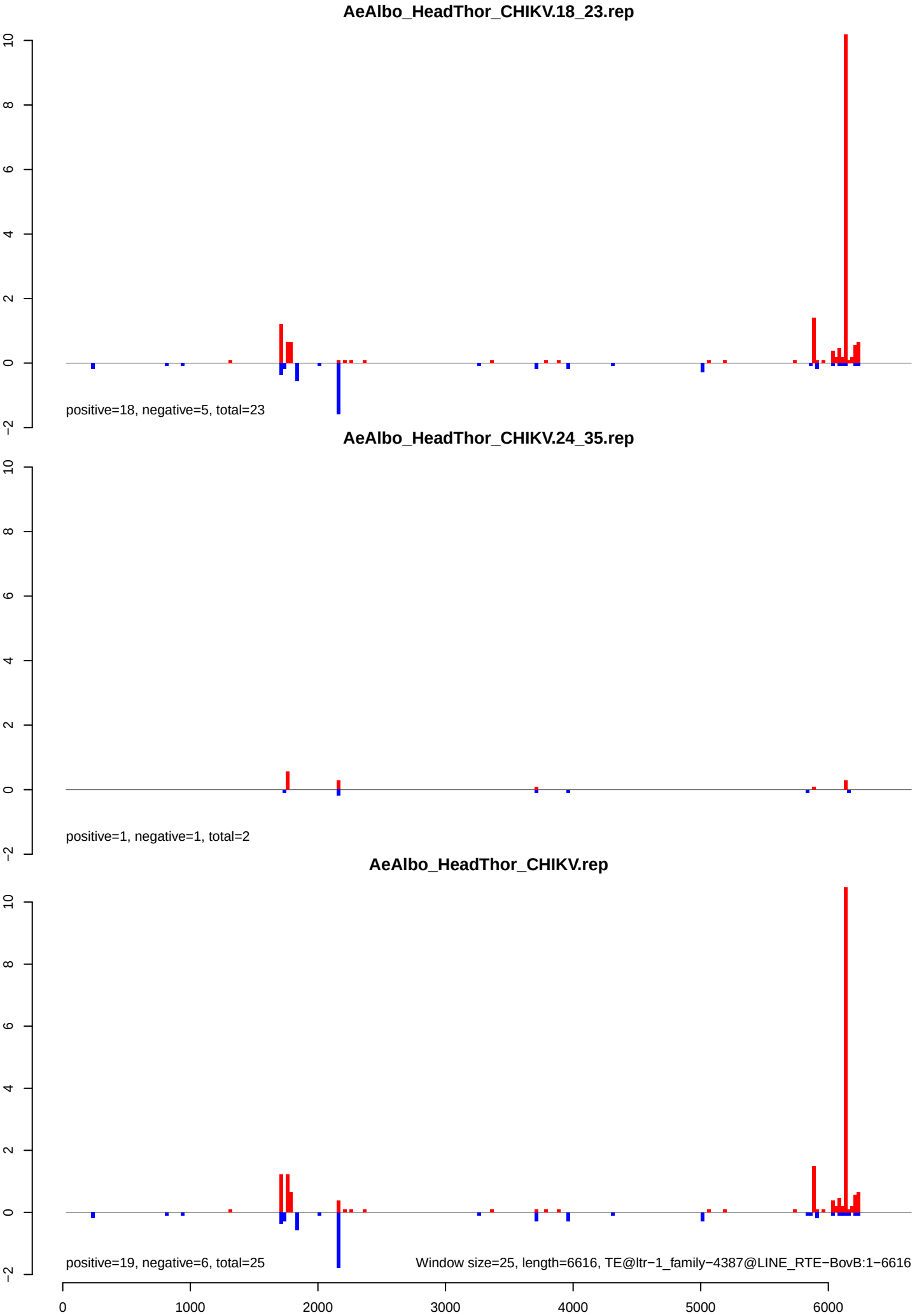
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0

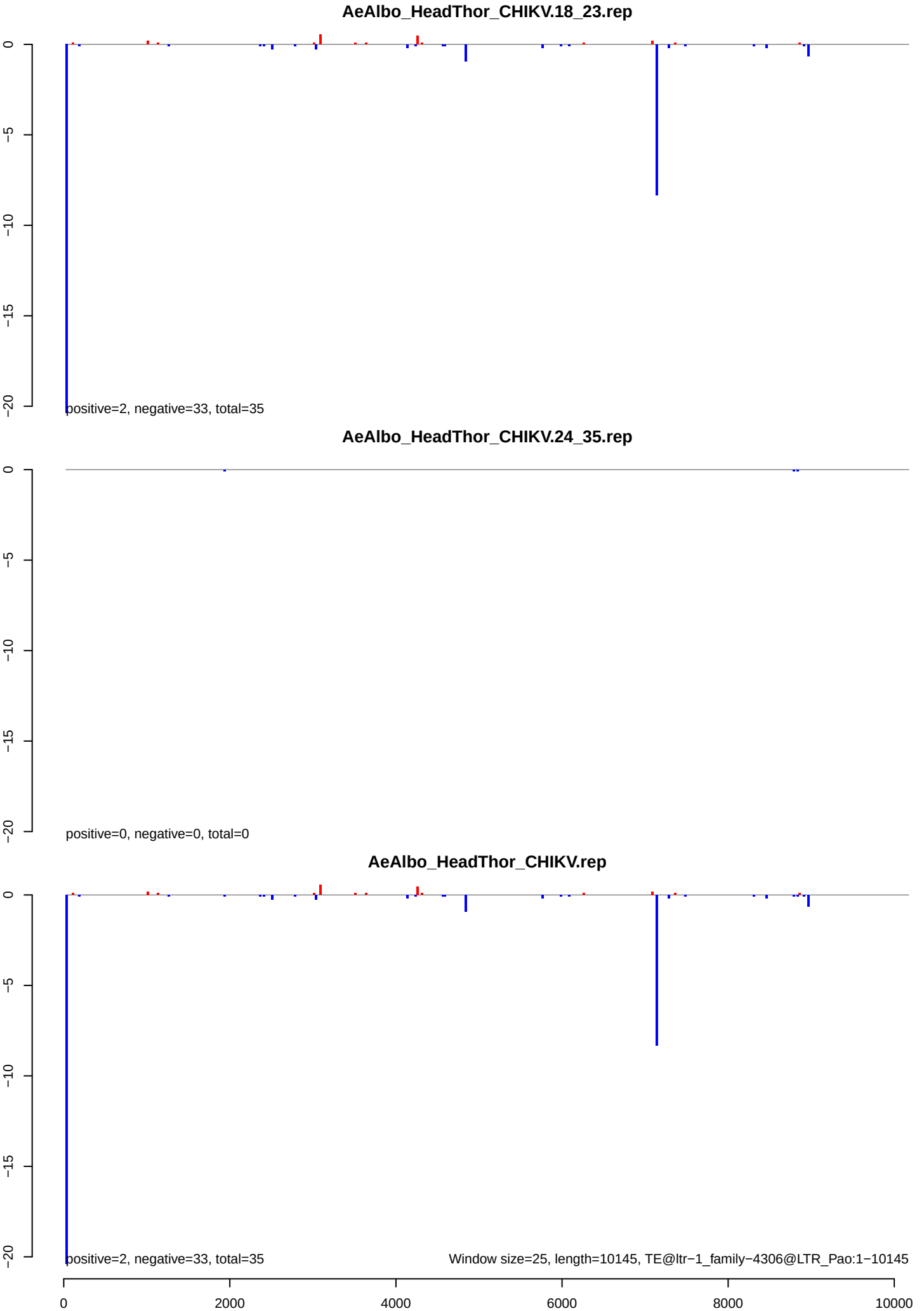

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=26, total=29
Window size=25, length=8118, TE@ltr−1_family−4515@LTR_Gypsy:1−8118
0
2000
4000
6000
8000

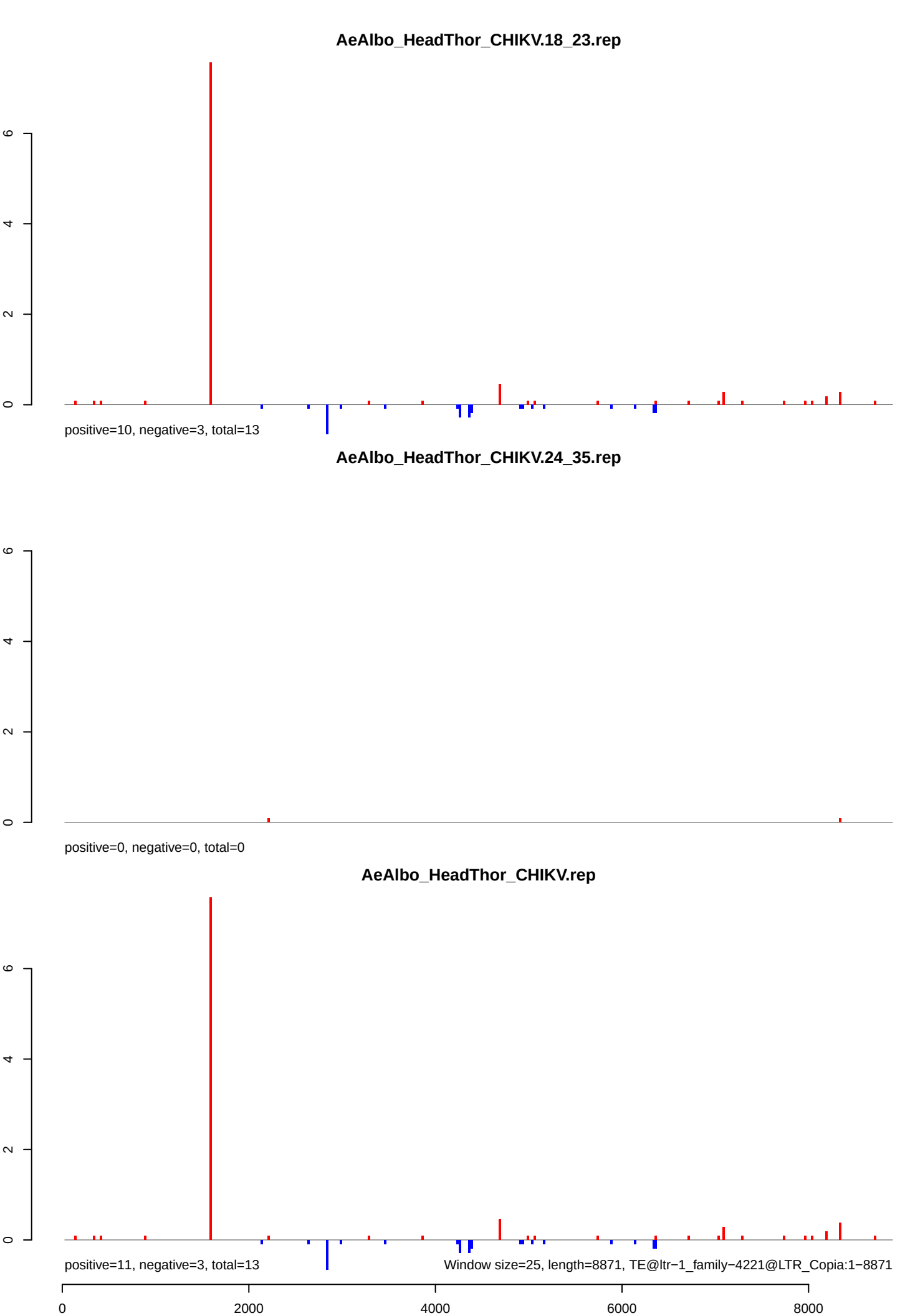

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=3, negative=3, total=6

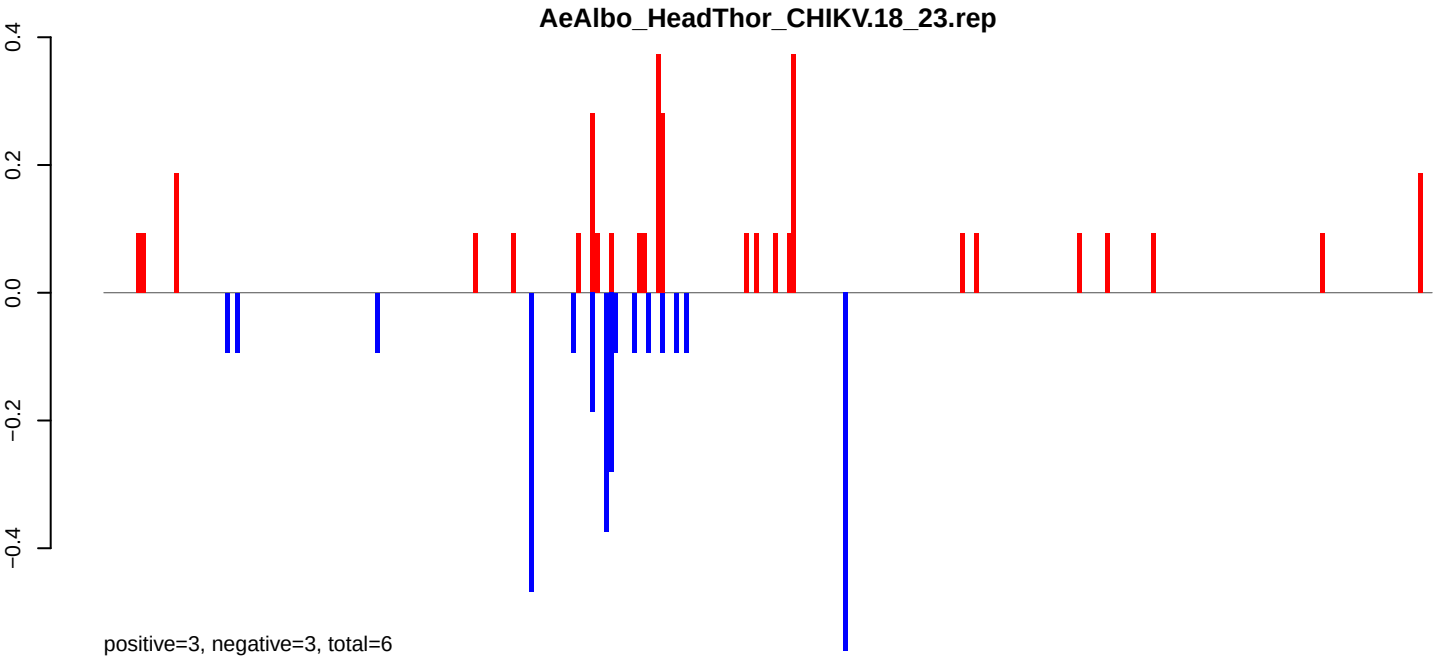

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=1

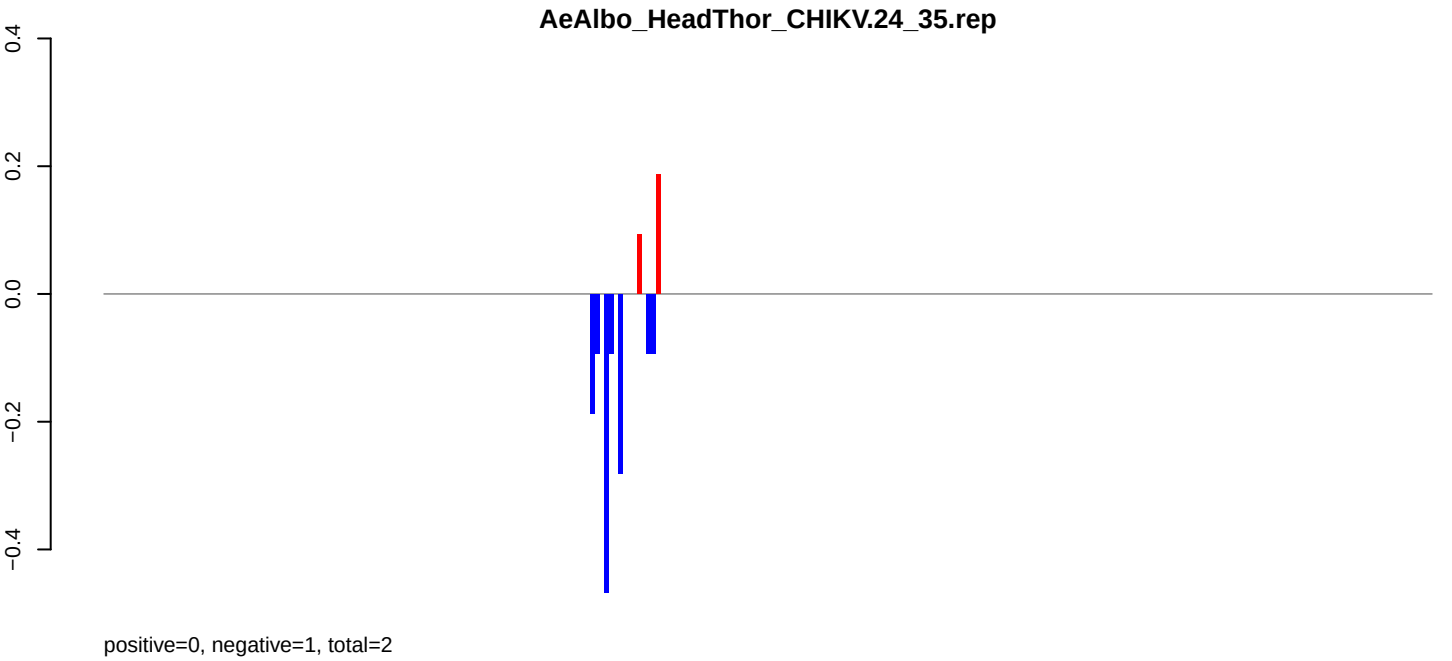

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=3, negative=3, total=7
Window size=25, length=5011, TE@ltr−1_family−4511@LTR_Copia:1−5011
0
1000
2000
3000
4000
5000

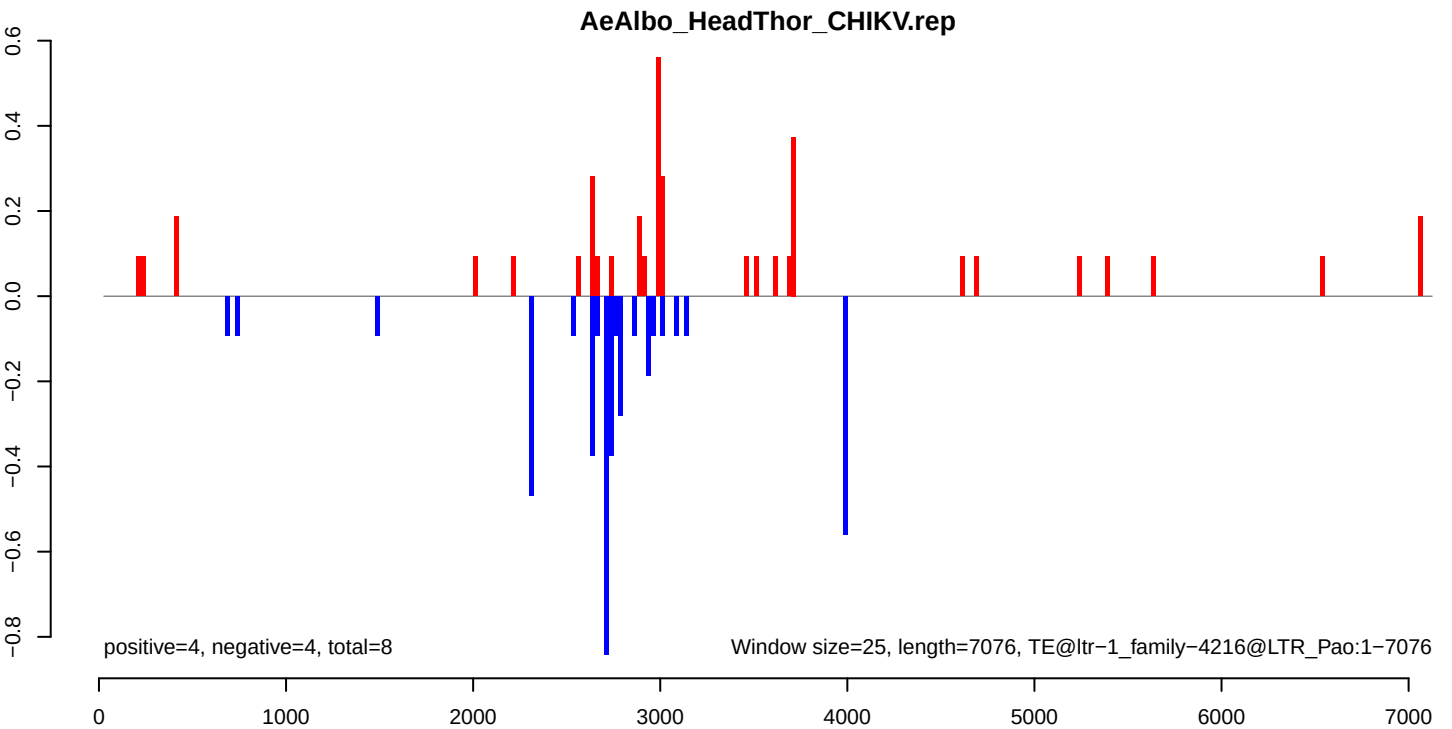

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=18, negative=5, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=6, total=25
Window size=25, length=6616, TE@ltr−1_family−4387@LINE_RTE−BovB:1−6616
10
8
6
4
2
0
−2
0
1000
2000
3000
4000
5000
6000

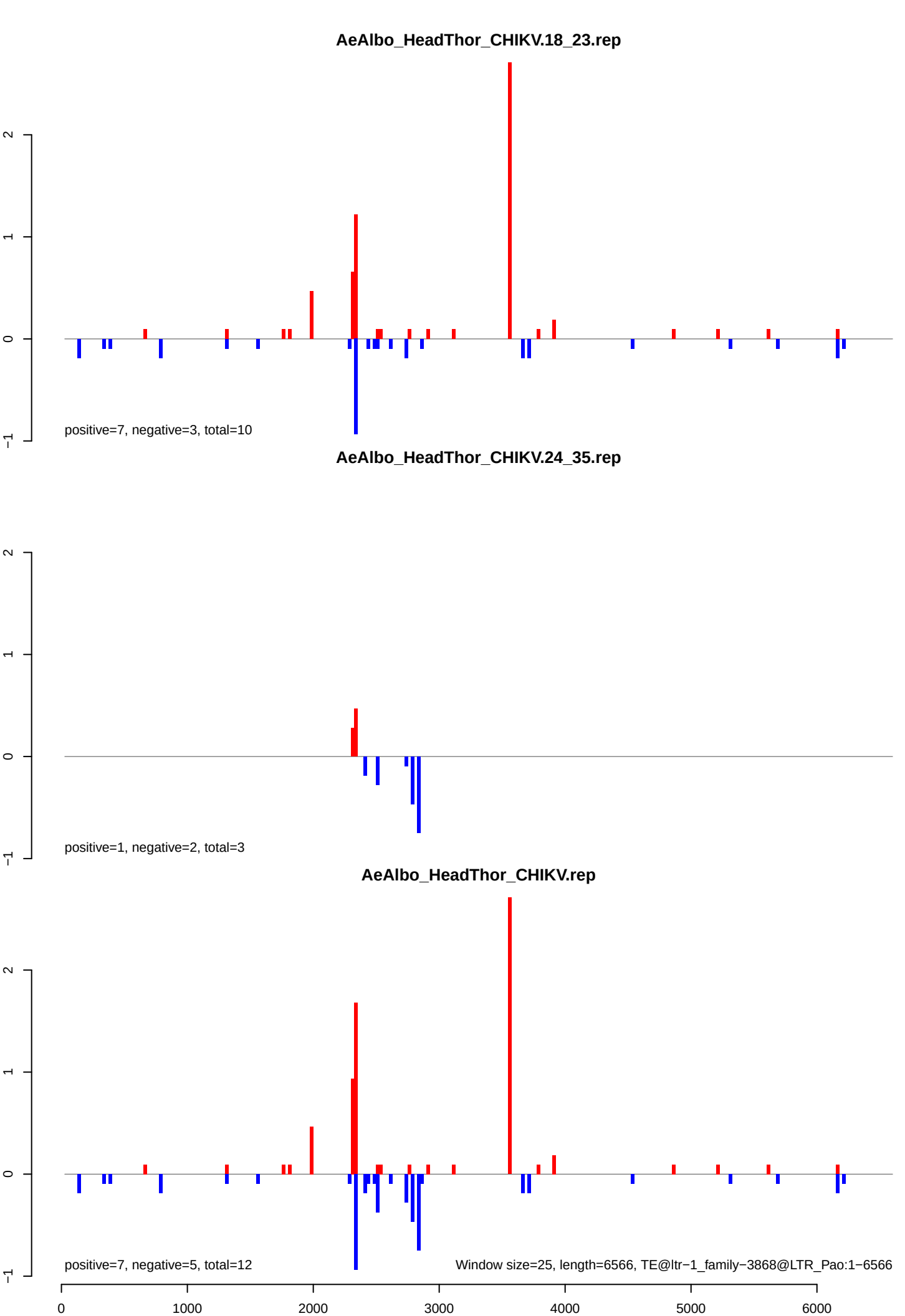

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=33, total=35
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=33, total=35
Window size=25, length=10145, TE@ltr−1_family−4306@LTR_Pao:1−10145
0
2000
4000
6000
8000
10000

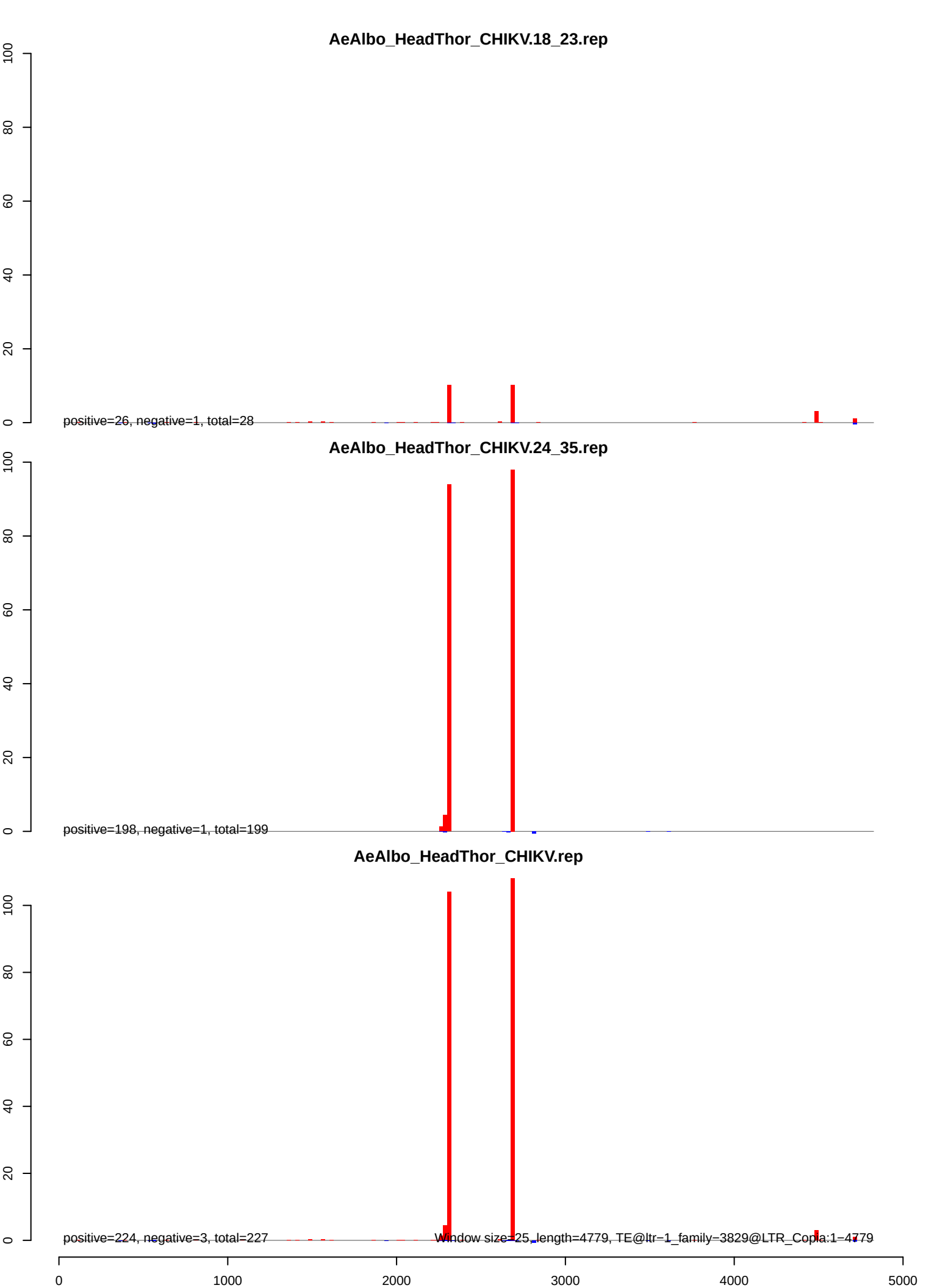

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
positive=10, negative=3, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
positive=11, negative=3, total=13
Window size=25, length=8871, TE@ltr−1_family−4221@LTR_Copia:1−8871
0
2000
4000
6000
8000

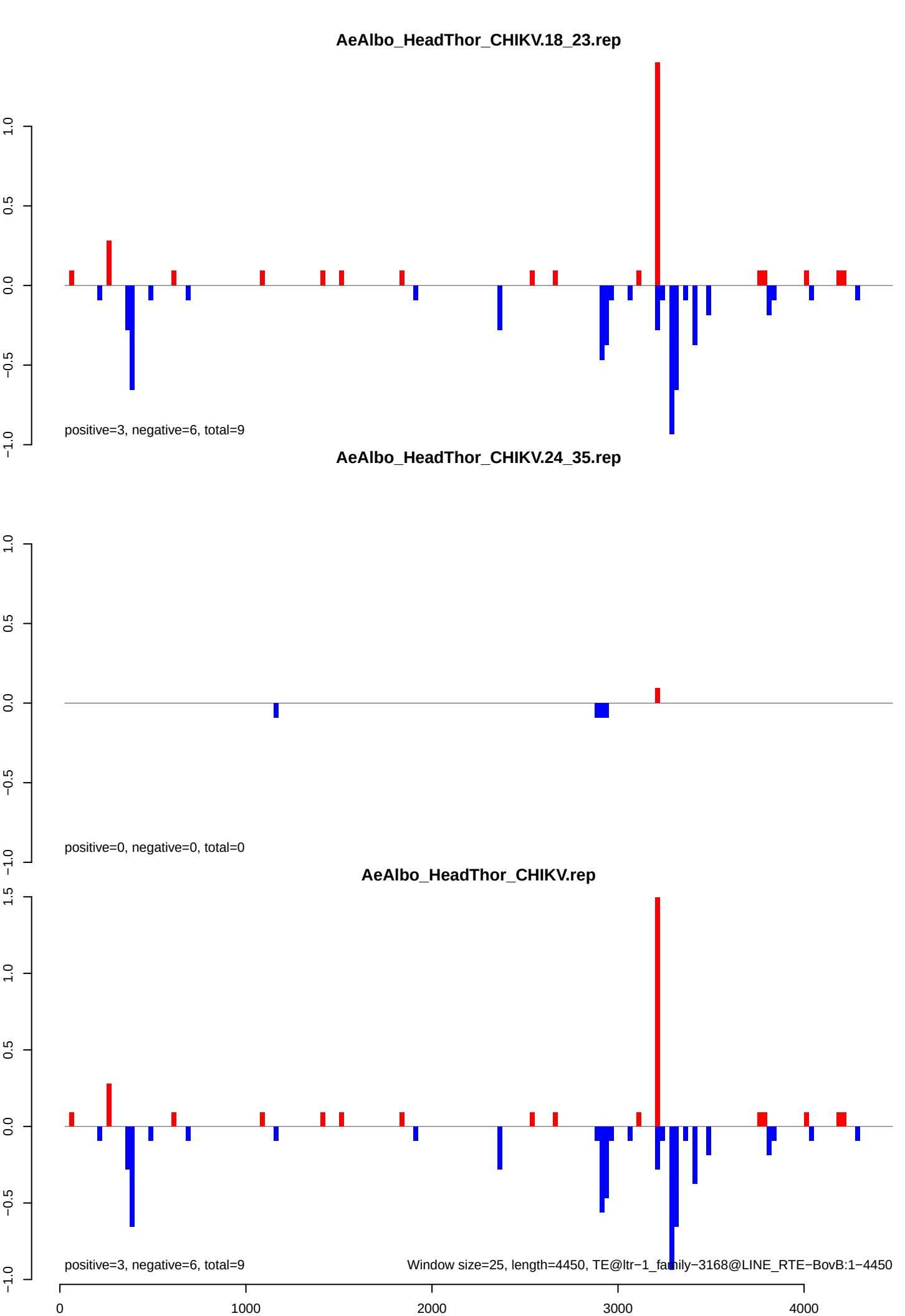

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=3, total=6

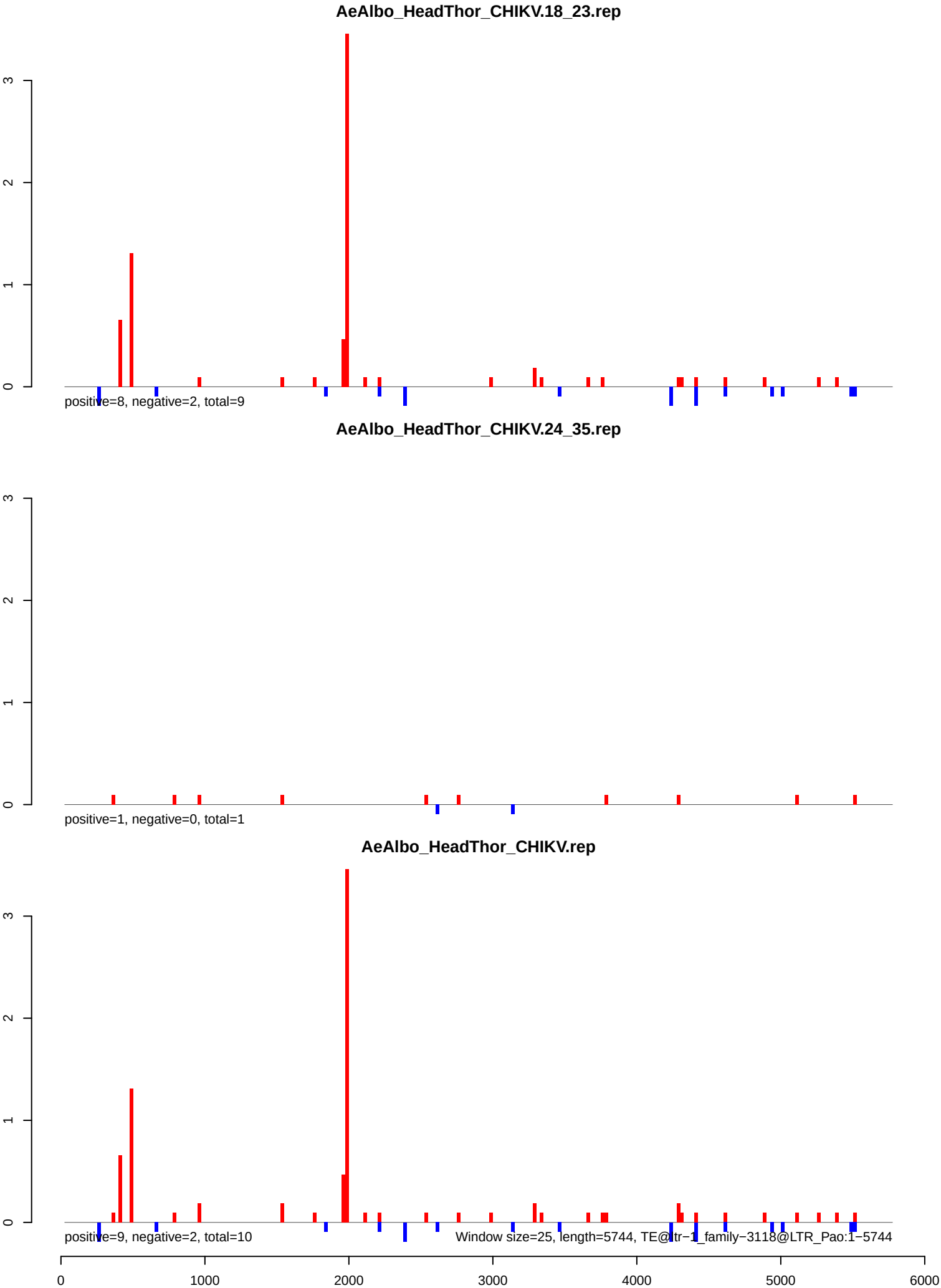

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=2

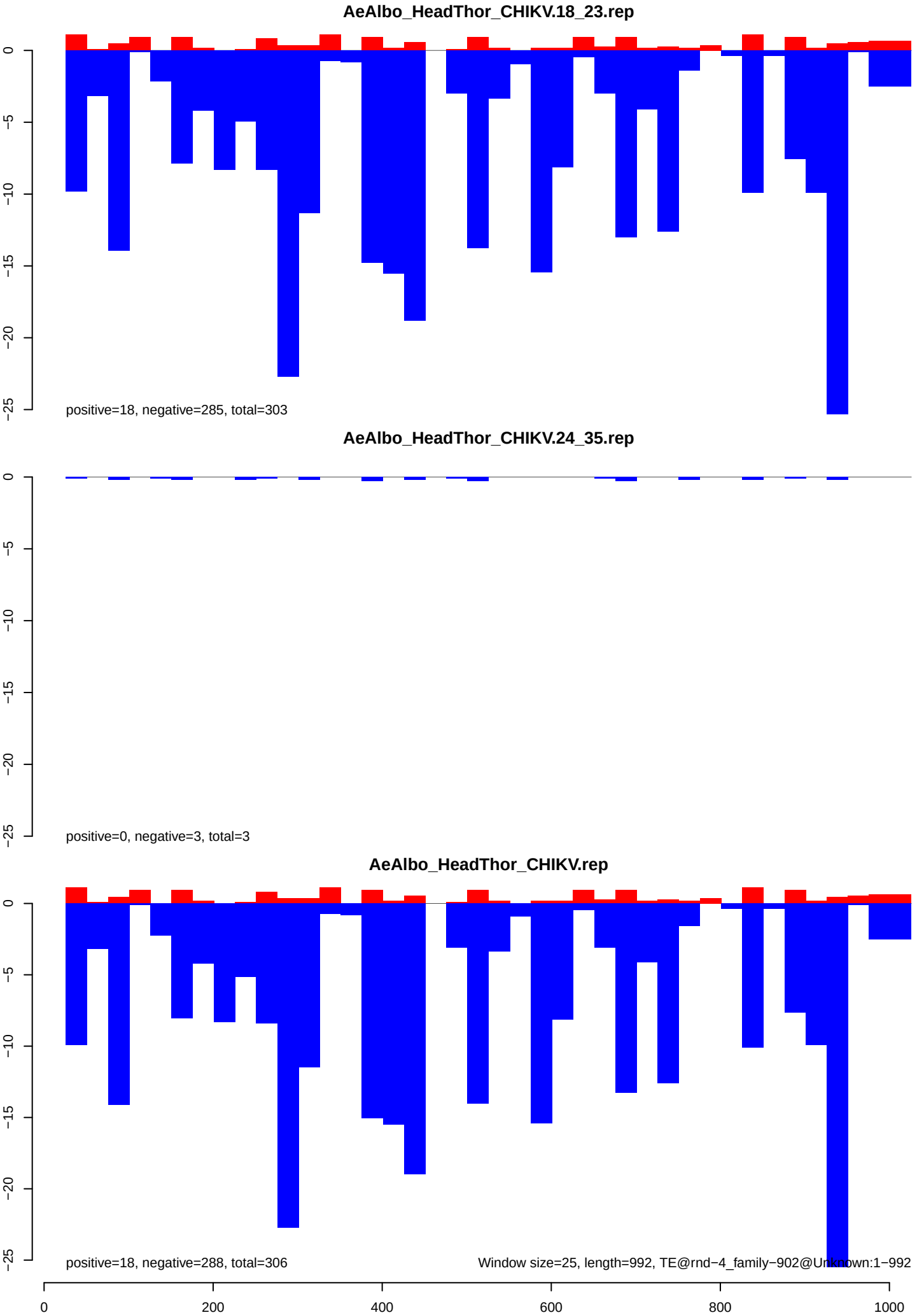

AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=4, negative=4, total=8
Window size=25, length=7076, TE@ltr−1_family−4216@LTR_Pao:1−7076
0
1000
2000
3000
4000
5000
6000
7000

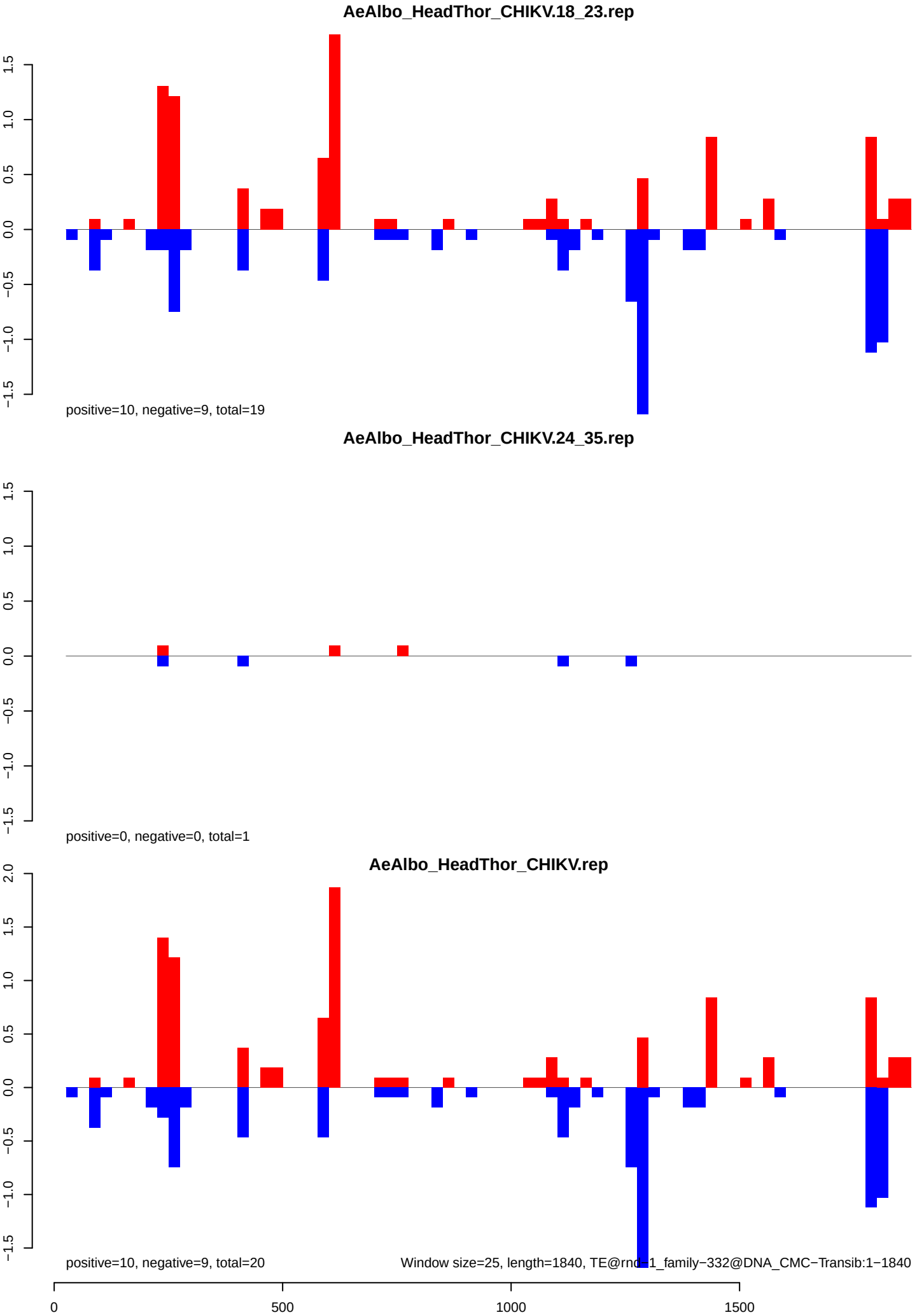

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=3, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=5, total=12
Window size=25, length=6566, TE@ltr−1_family−3868@LTR_Pao:1−6566
2
1
0
−1
0
1000
2000
3000
4000
5000
6000

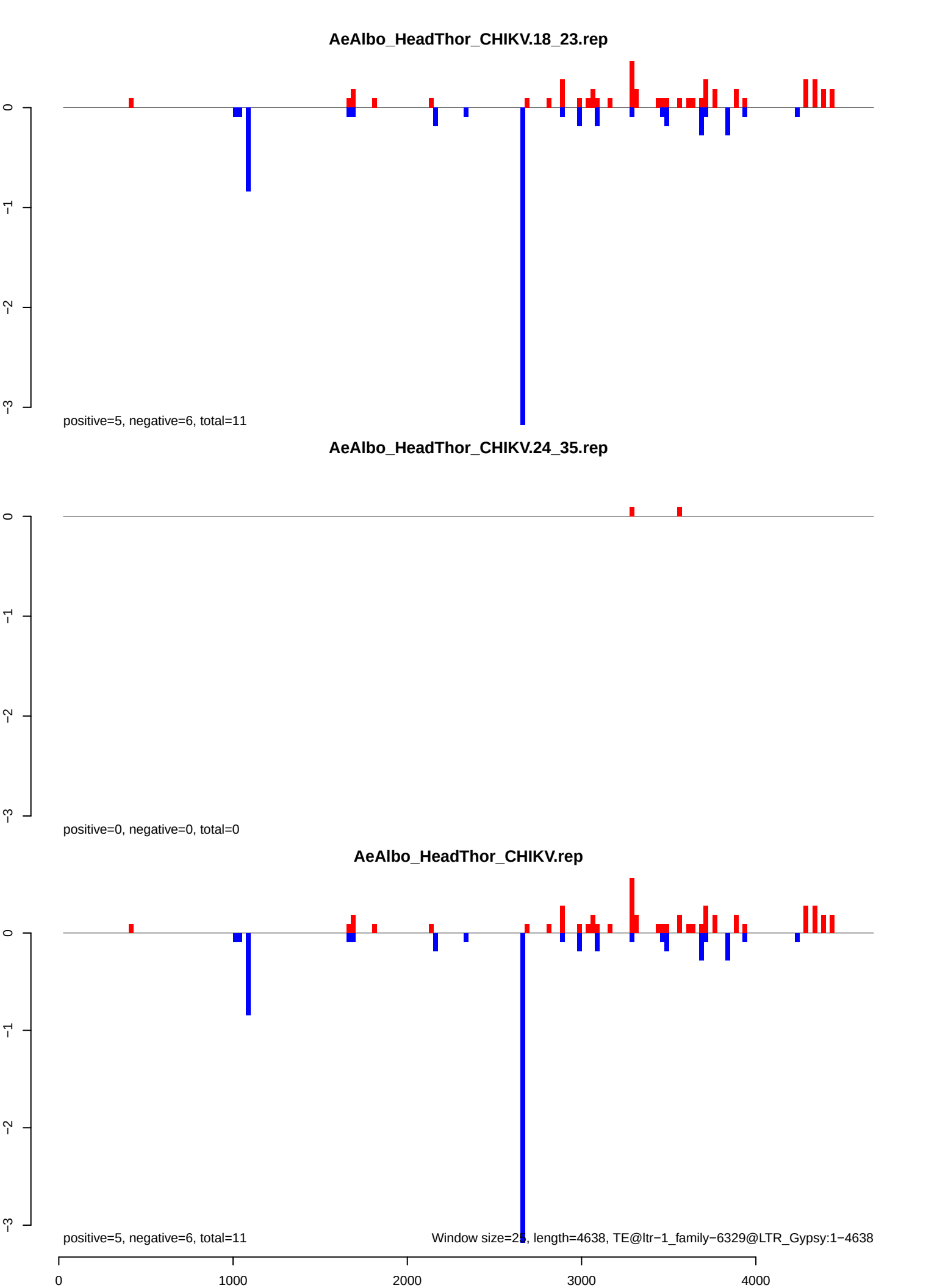

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=26, negative=1, total=28
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=198, negative=1, total=199
AeAlbo_HeadThor_CHIKV.rep
positive=224, negative=3, total=227
Window size=25, length=4779, TE@ltr=1_family=3829@LTR_Copia:1=4779
0
20
40
60
80
100
0
1000
2000
3000
4000
5000

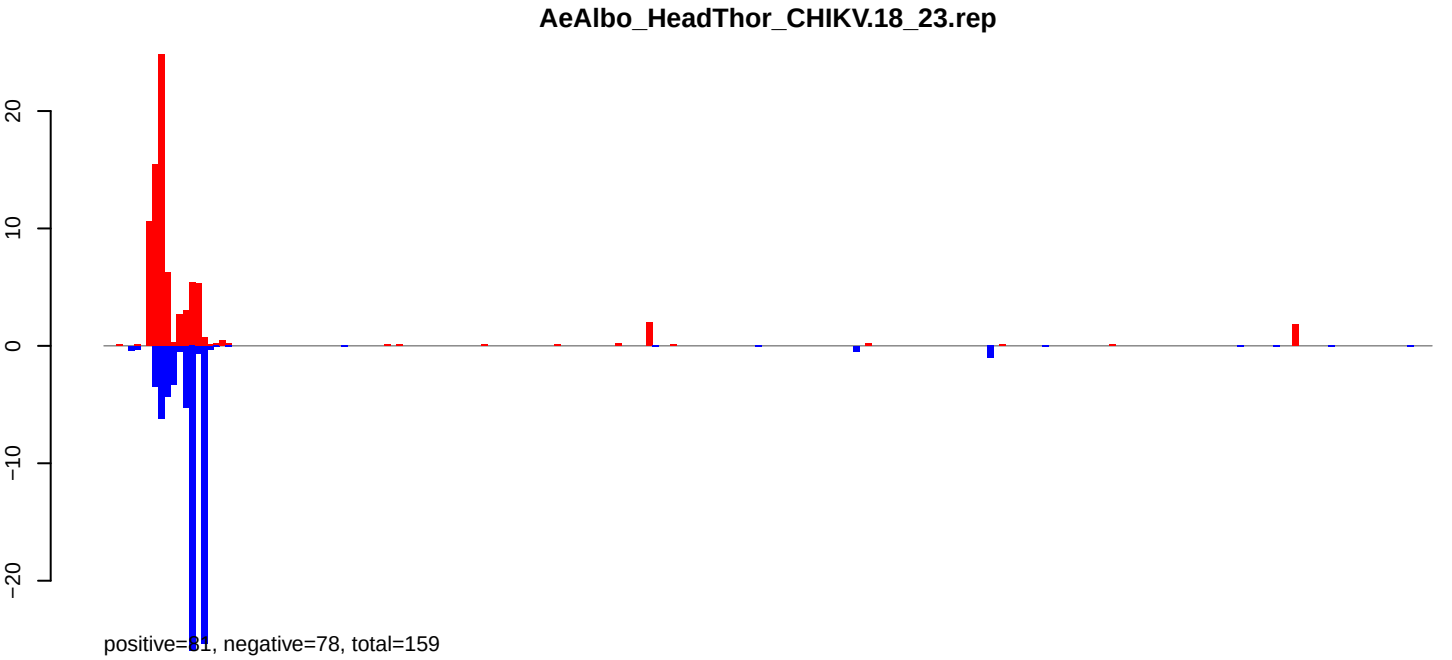

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=6, total=9
Window size=25, length=4450, TE@ltr−1_family−3168@LINE_RTE−BovB:1−4450
1.5
1.0
0.5
0.0
−0.5
−1.0
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=8, negative=2, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=9, negative=2, total=10
Window size=25, length=5744, TE@ltr−1_family−3118@LTR_Pao:1−5744
0
1000
2000
3000
4000
5000
6000

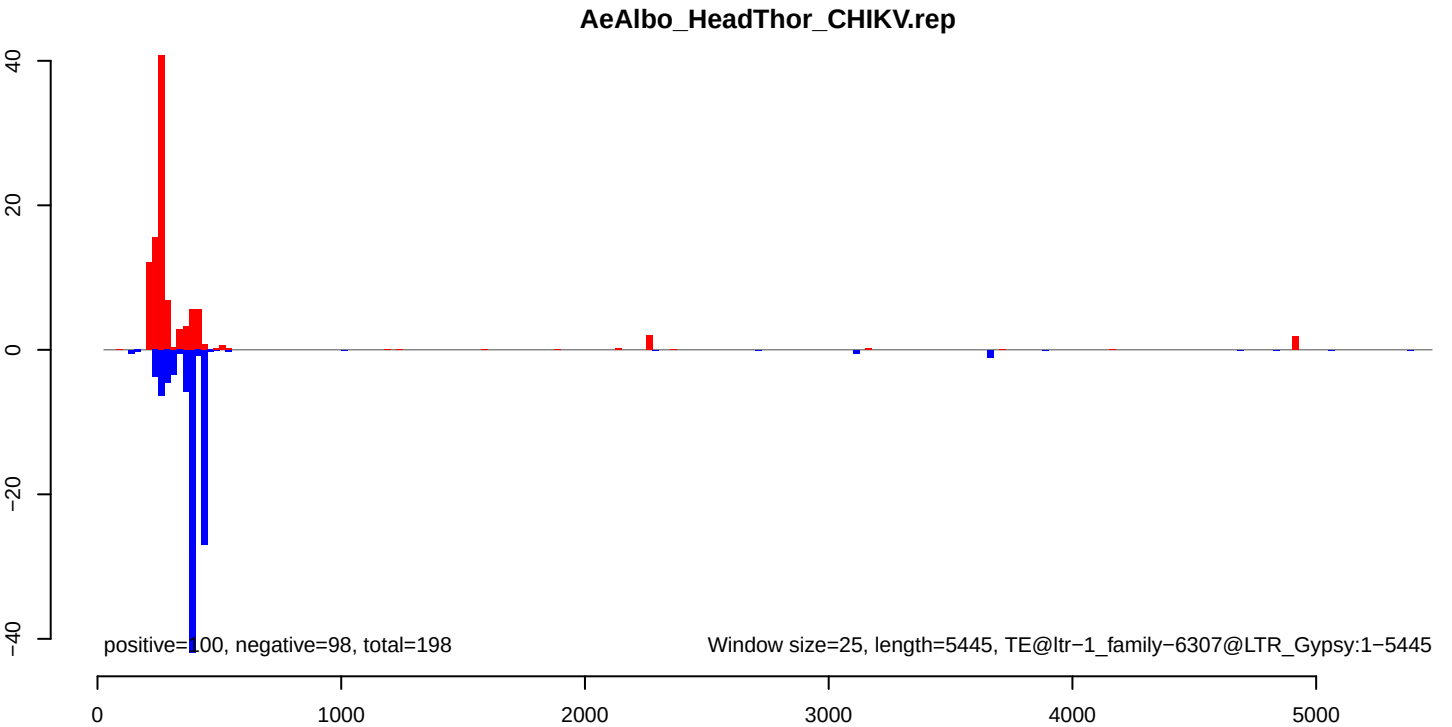

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=18, negative=285, total=303
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=18, negative=288, total=306
Window size=25, length=992, TE@rnd−4_family−902@Unknown:1−992
0
200
400
600
800
1000

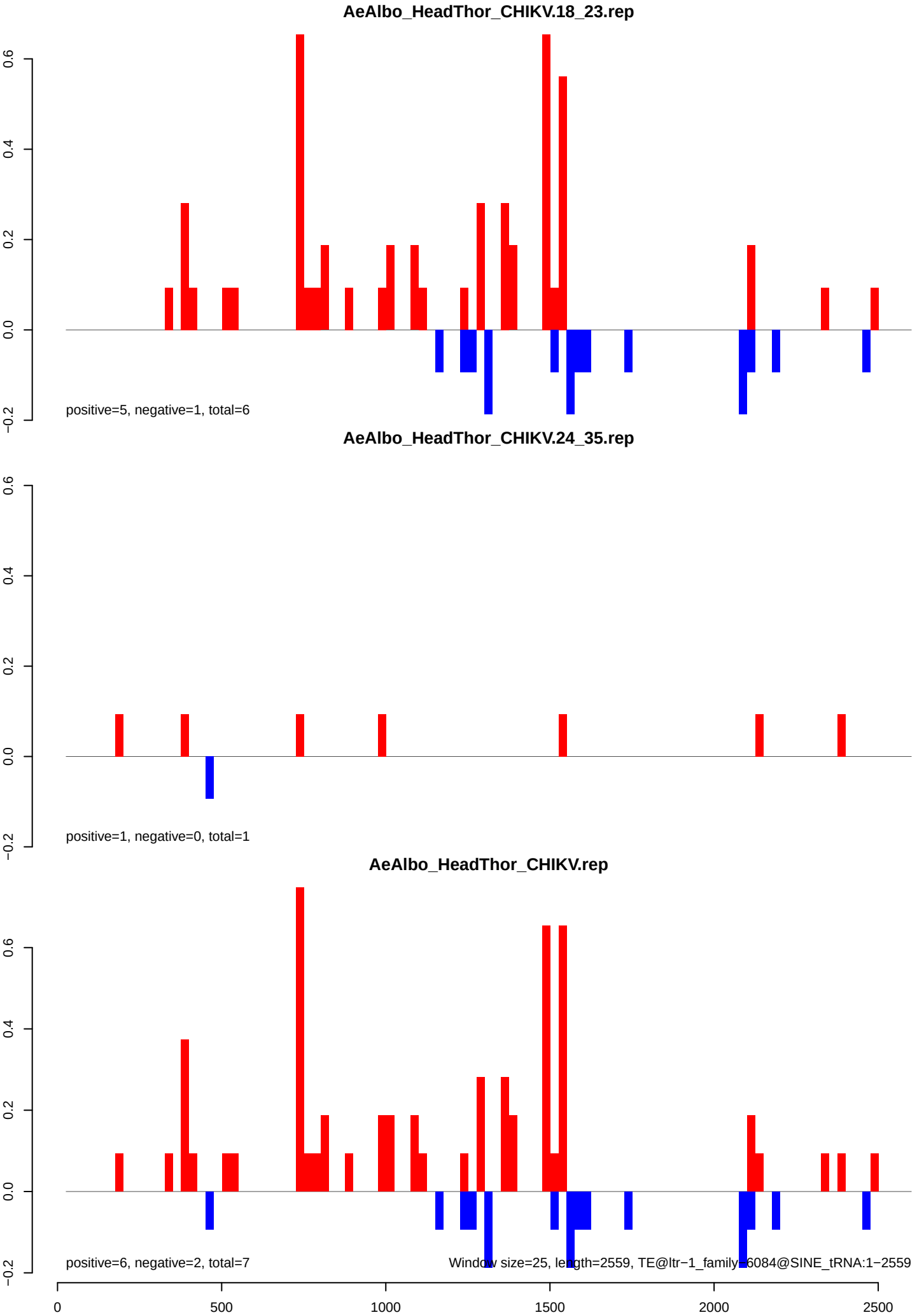

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=9, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=9, total=20
Window size=25, length=1840, TE@rnd−1_family−332@DNA_CMC−Transib:1−1840
0
500
1000
1500

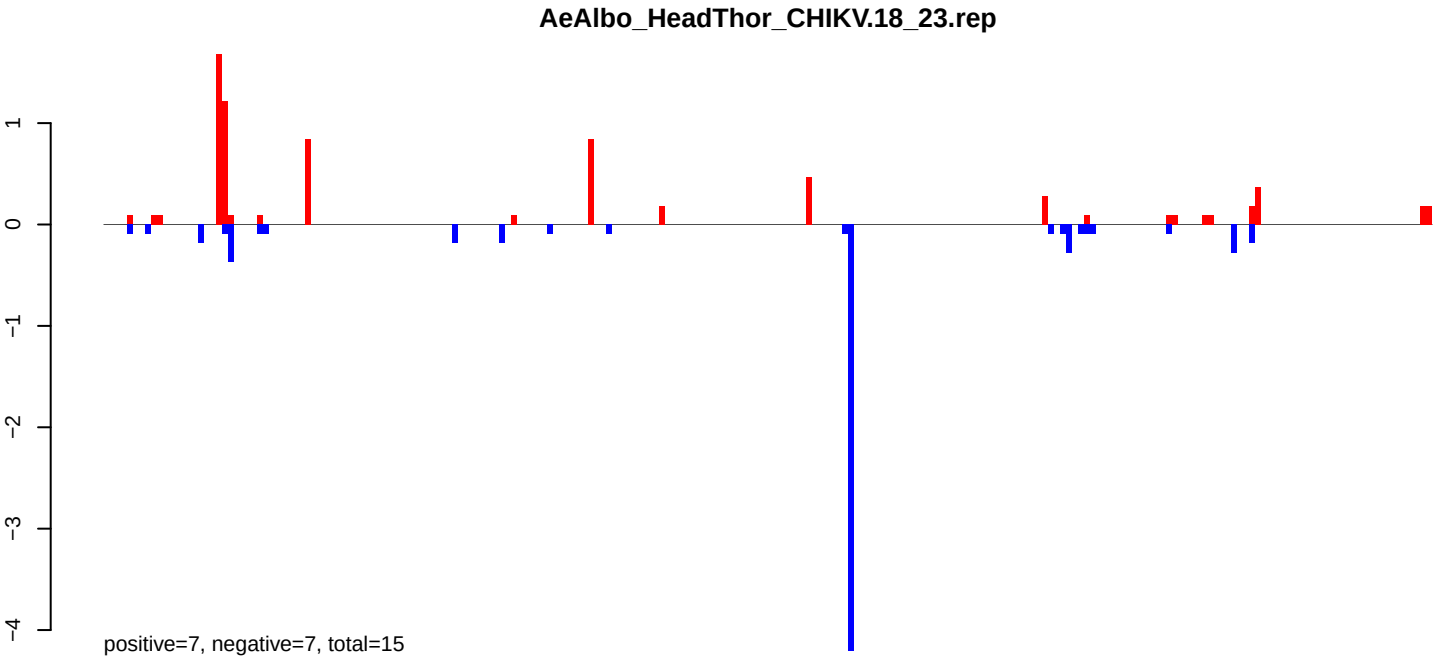

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=5, negative=6, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=5, negative=6, total=11
Window size=25, length=4638, TE@ltr−1_family−6329@LTR_Gypsy:1−4638
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=81, negative=78, total=159

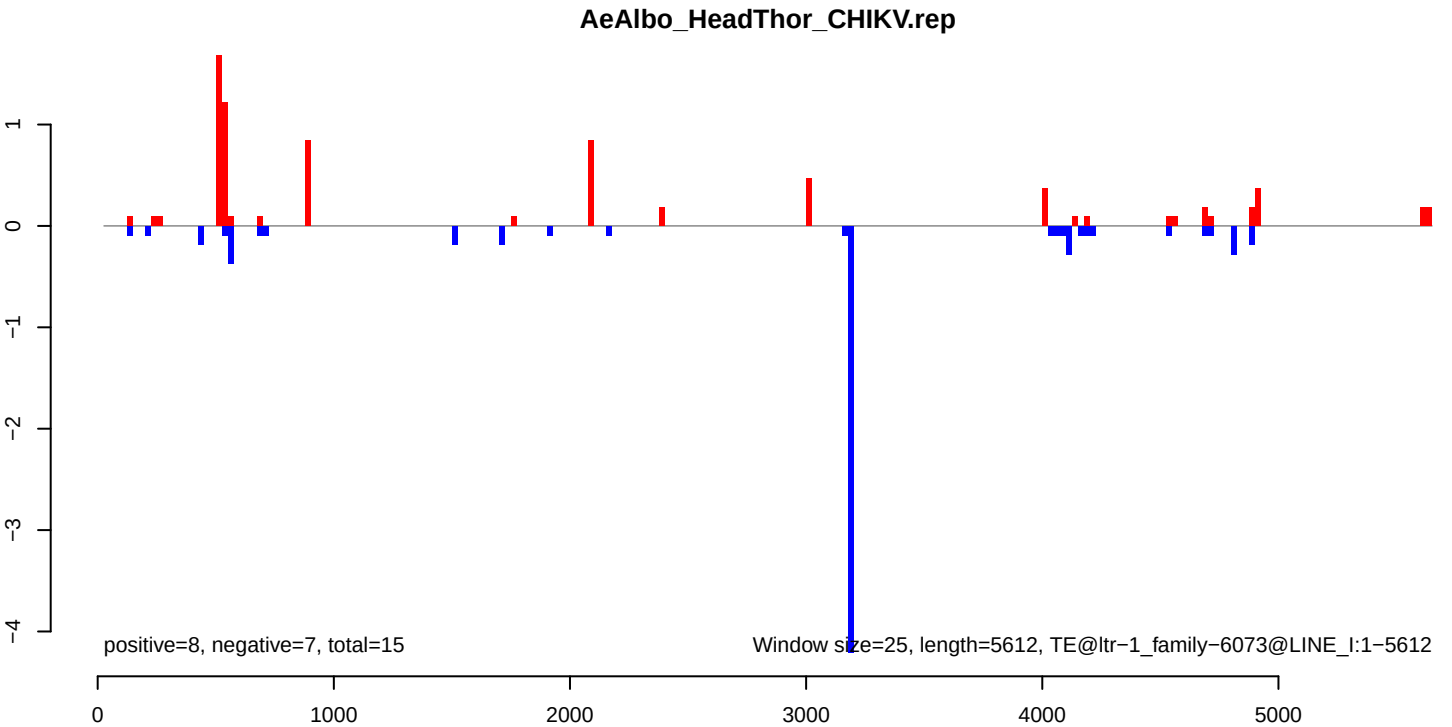
AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=19, negative=19, total=39

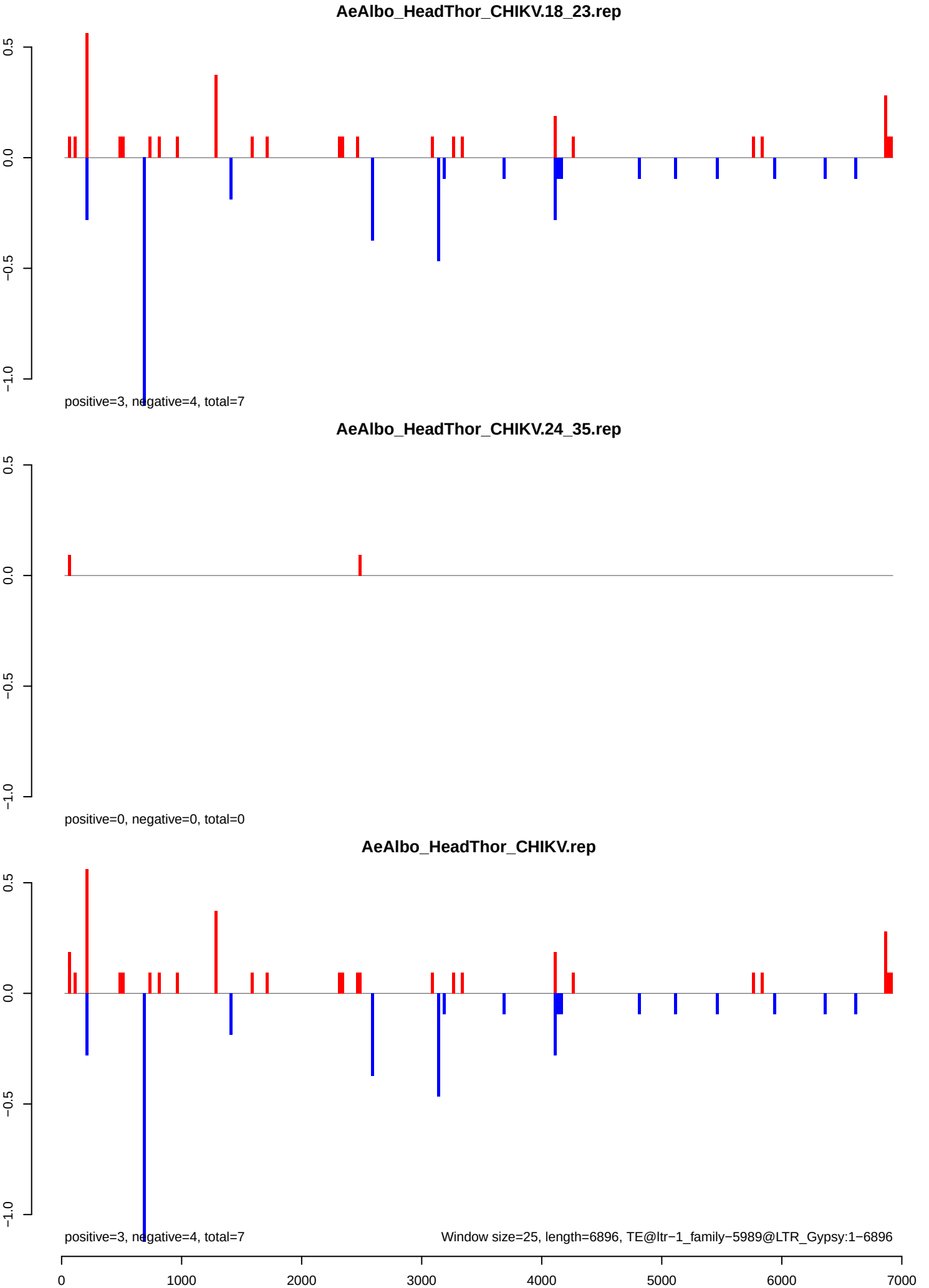

AeAlbo_HeadThor_CHIKV.rep
40
20
0
−20
−40
positive=100, negative=98, total=198
Window size=25, length=5445, TE@ltr−1_family−6307@LTR_Gypsy:1−5445
0
1000
2000
3000
4000
5000

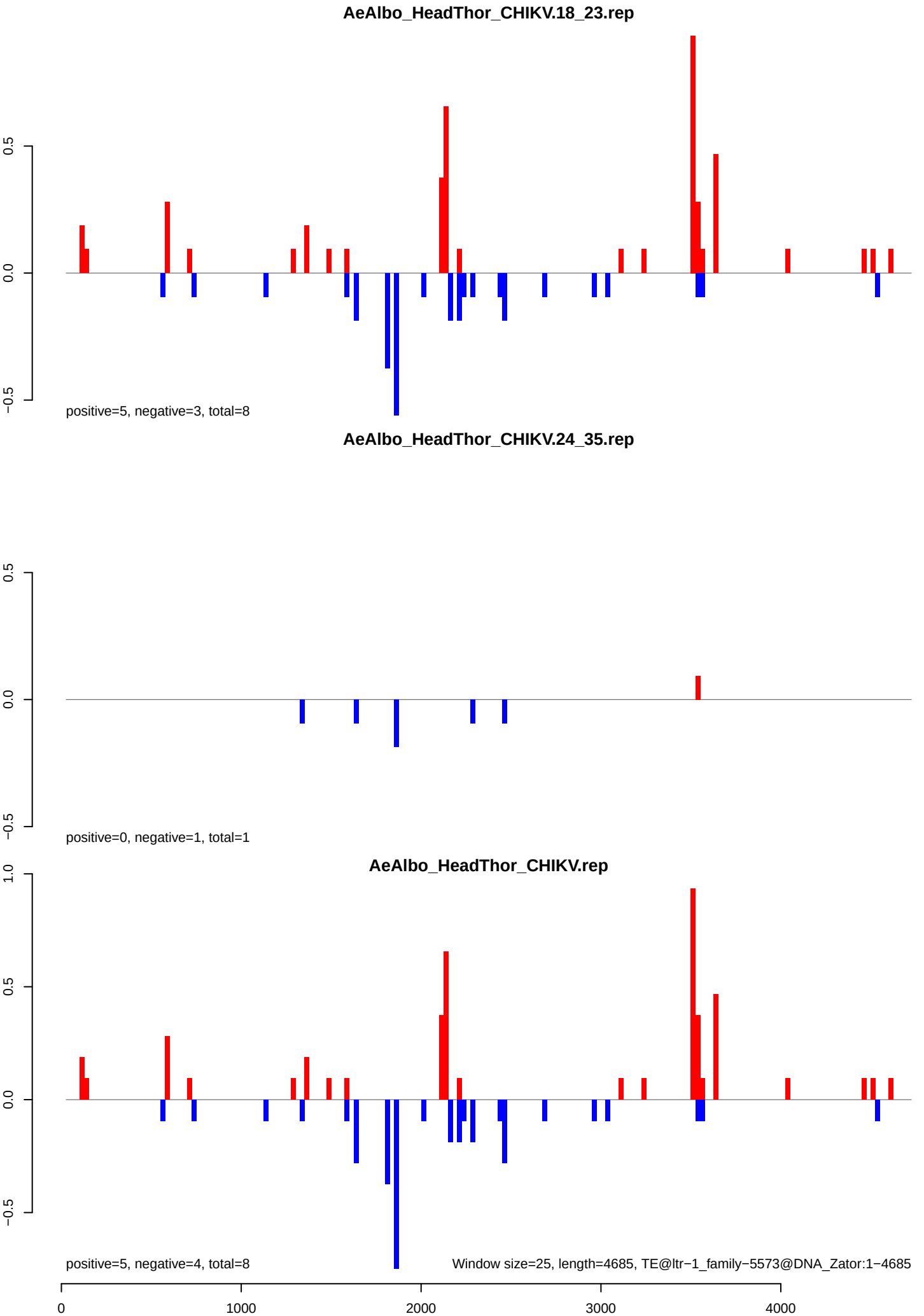

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=1, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=2, total=7
Window size=25, length=2559, TE@ltr−1_family−6084@SINE_tRNA:1−2559
0.6
0.4
0.2
0.0
−0.2
0
500
1000
1500
2000
2500

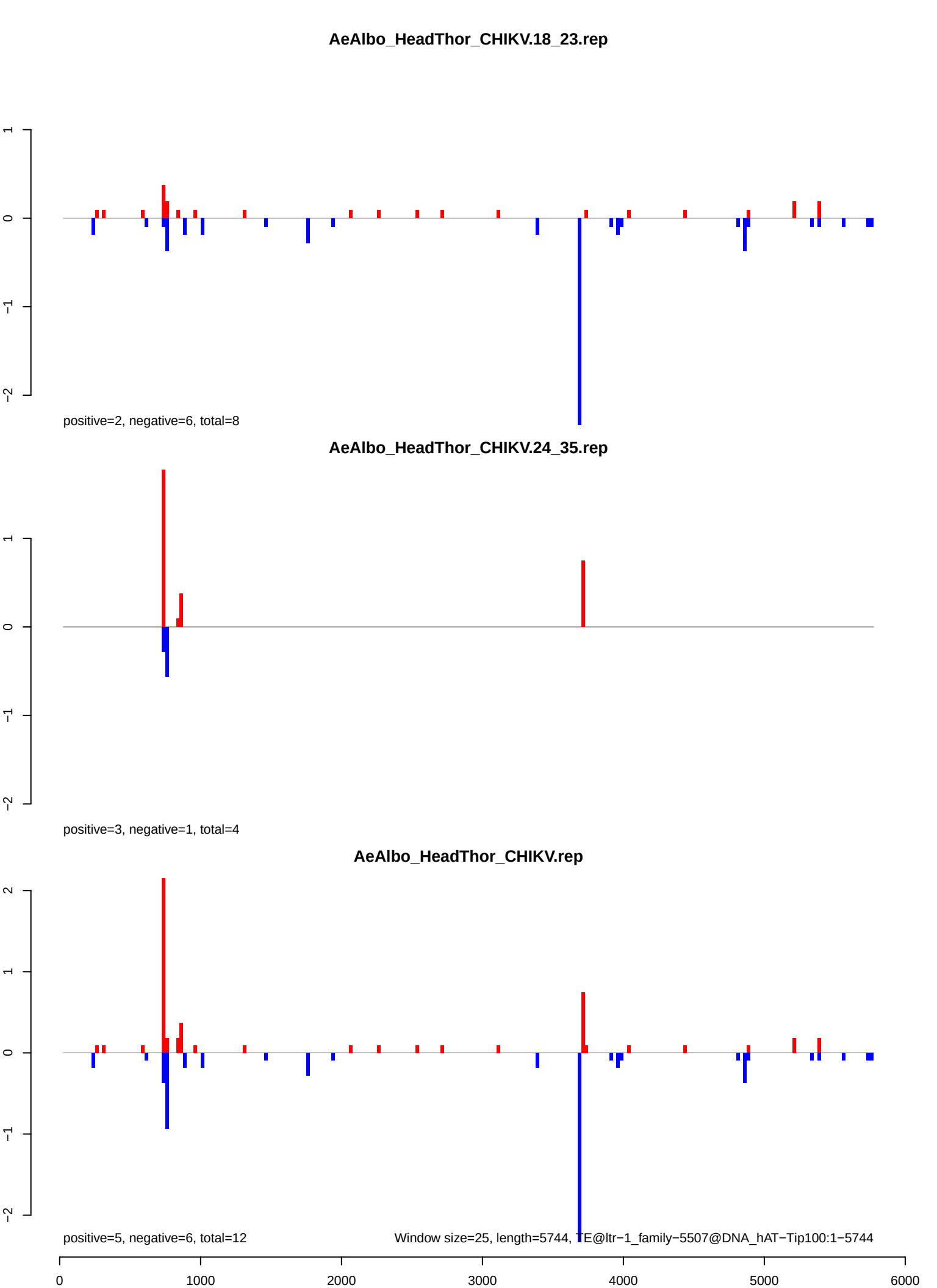

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
−4
positive=7, negative=7, total=15

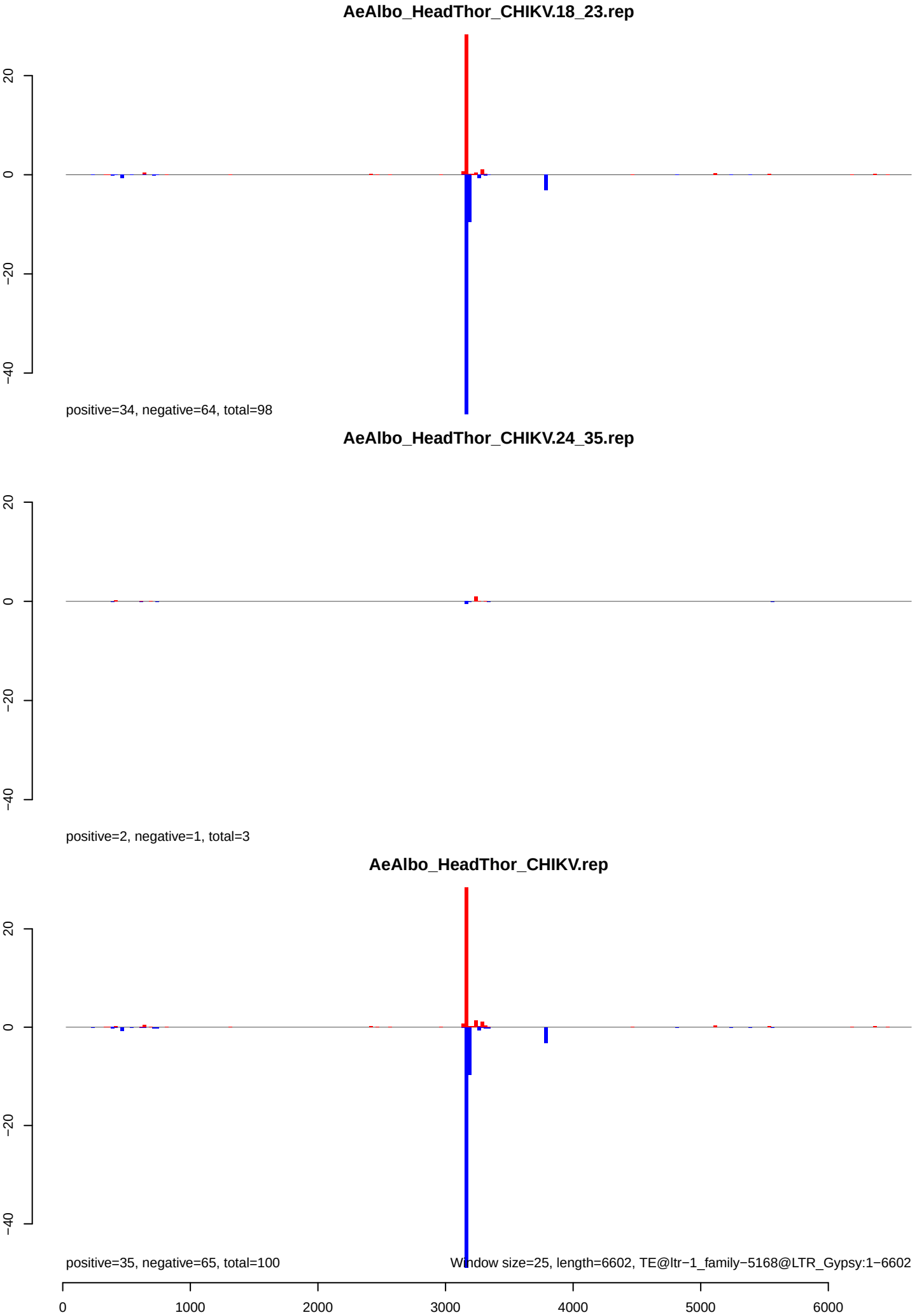
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
−4
positive=0, negative=0, total=1

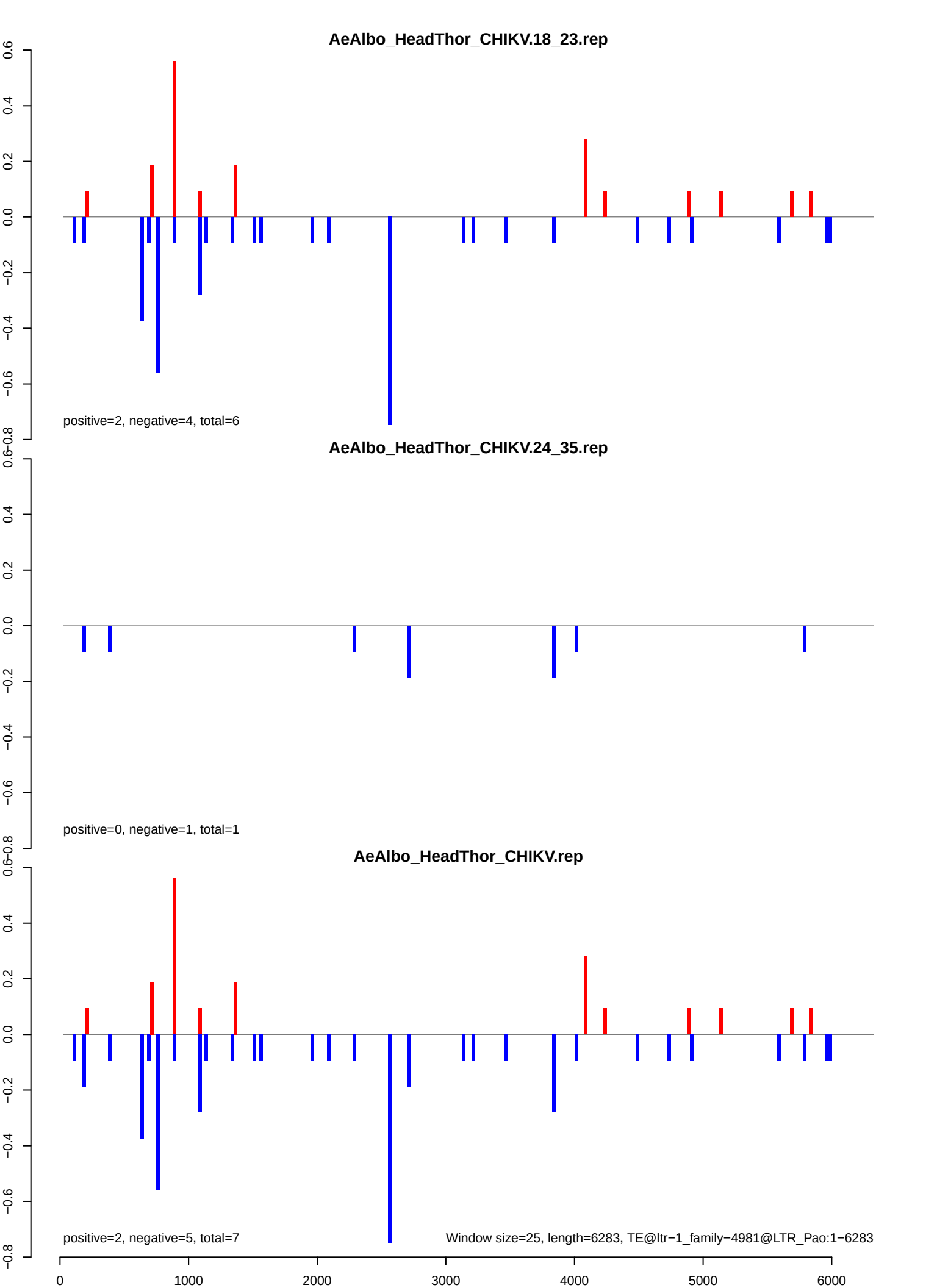

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
−4
positive=8, negative=7, total=15
Window size=25, length=5612, TE@ltr−1_family−6073@LINE_I:1−5612
0
1000
2000
3000
4000
5000

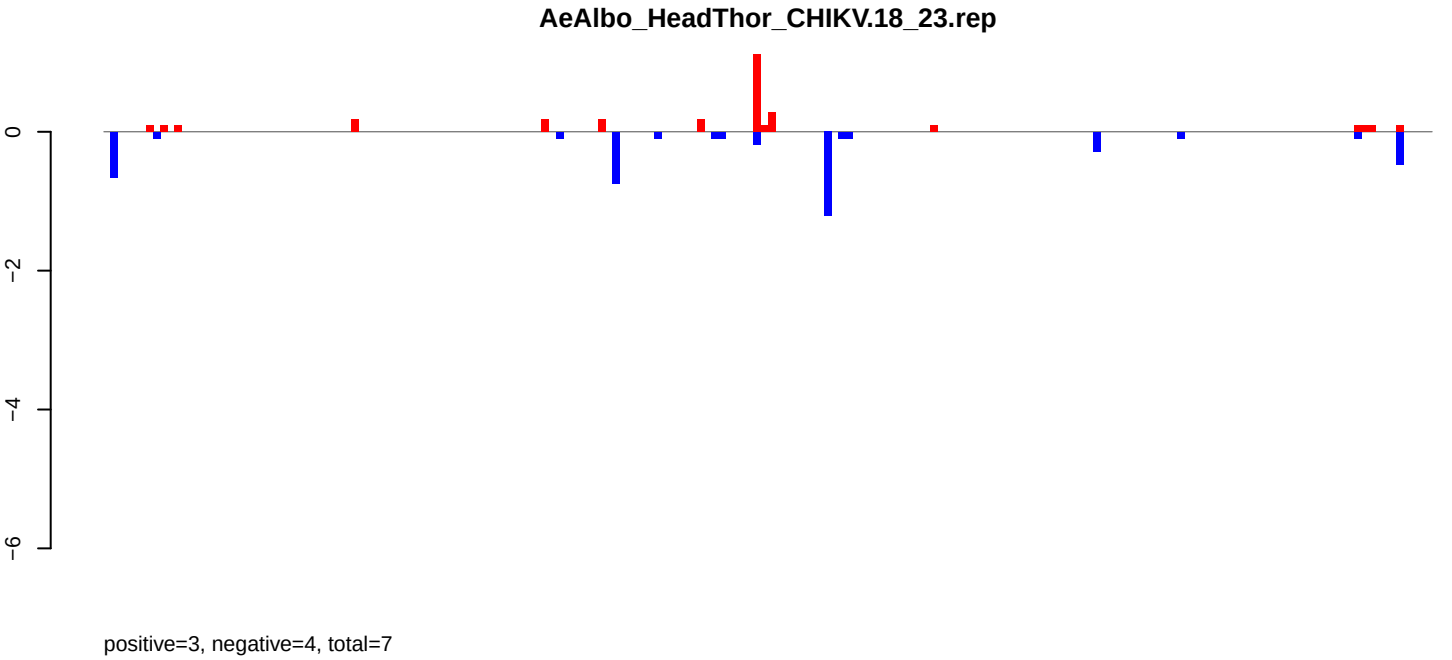

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
Window size=25, length=6896, TE@ltr−1_family−5989@LTR_Gypsy:1−6896
0
1000
2000
3000
4000
5000
6000
7000

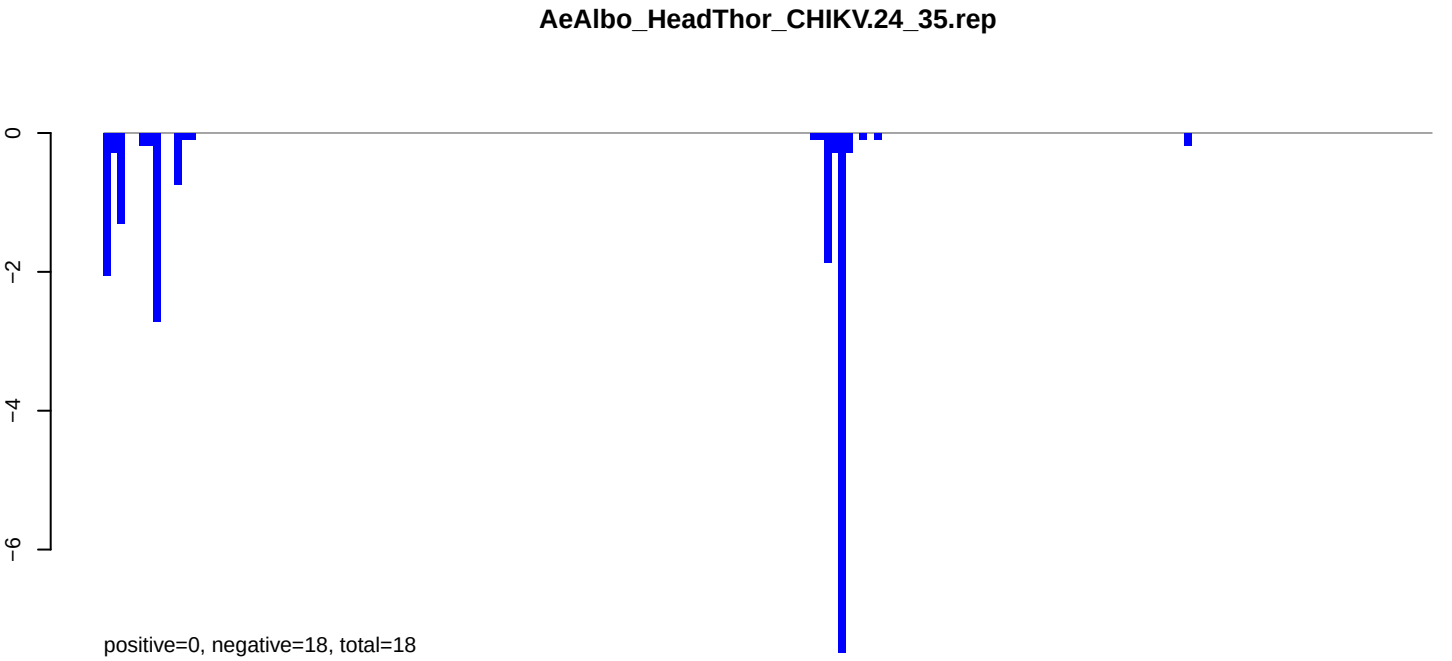

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=5, negative=3, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=5, negative=4, total=8
Window size=25, length=4685, TE@ltr−1_family−5573@DNA_Zator:1−4685
0
1000
2000
3000
4000

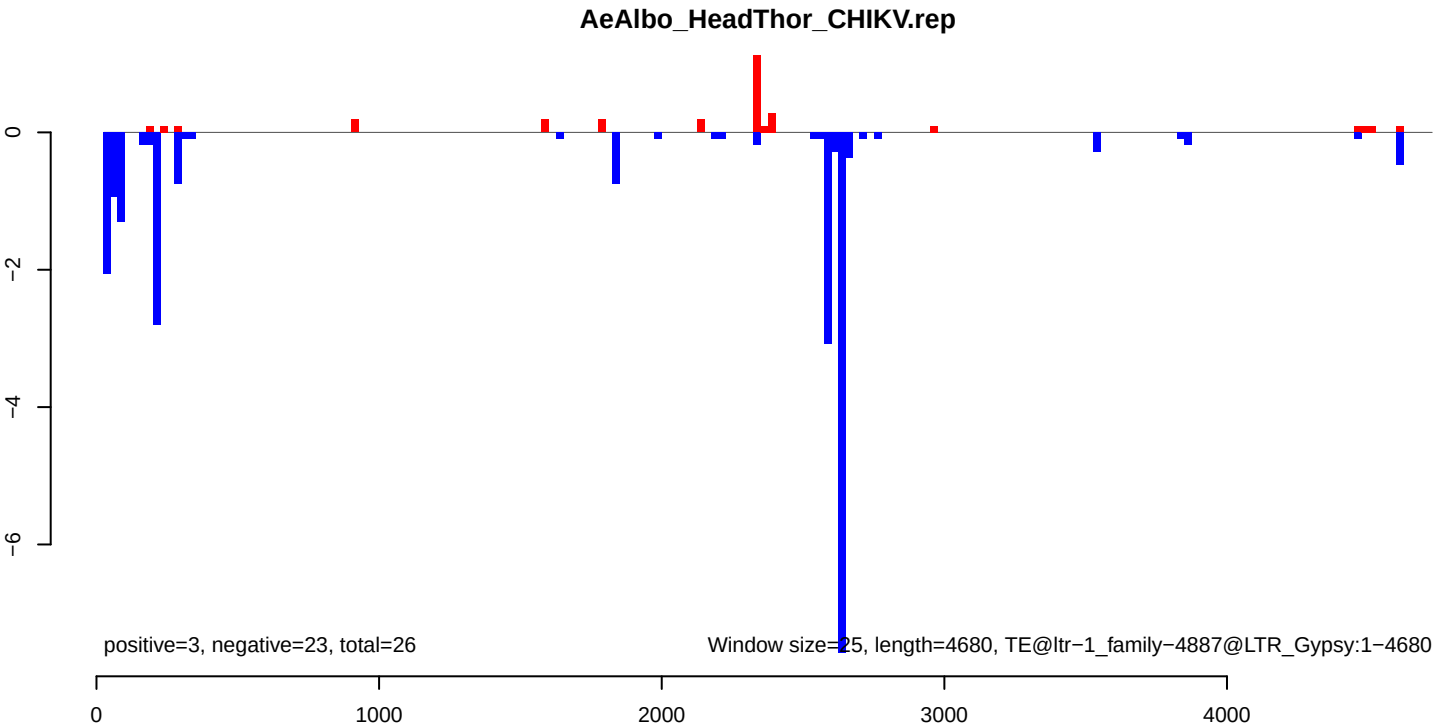

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=6, total=12
Window size=25, length=5744, TE@ltr−1_family−5507@DNA_hAT−Tip100:1−5744
0
1000
2000
3000
4000
5000
6000

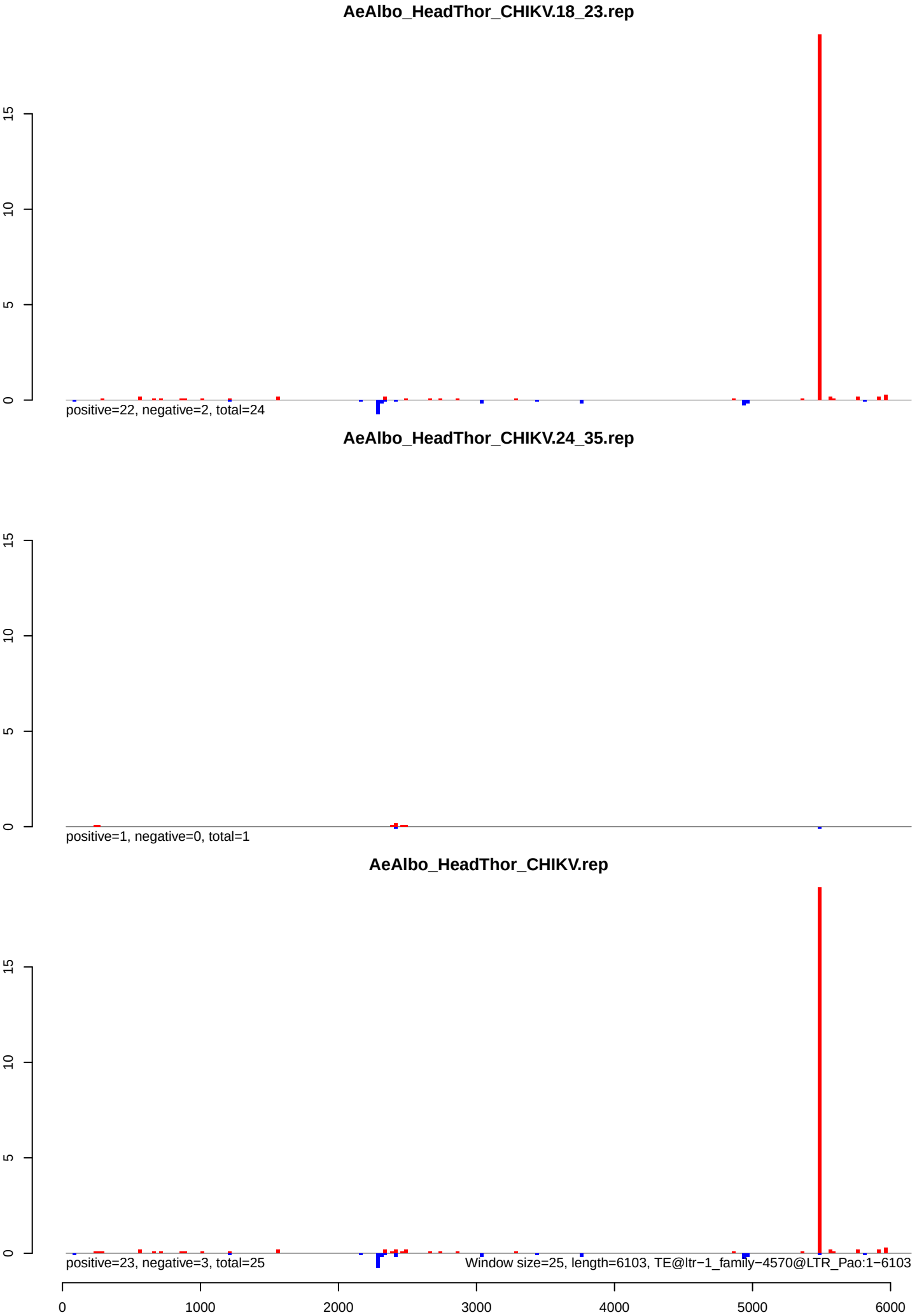

AeAlbo_HeadThor_CHIKV.18_23.rep
20
0
−20
−40
positive=34, negative=64, total=98
AeAlbo_HeadThor_CHIKV.24_35.rep
20
0
−20
−40
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
20
0
−20
−40
positive=35, negative=65, total=100
Window size=25, length=6602, TE@ltr−1_family−5168@LTR_Gypsy:1−6602
0
1000
2000
3000
4000
5000
6000

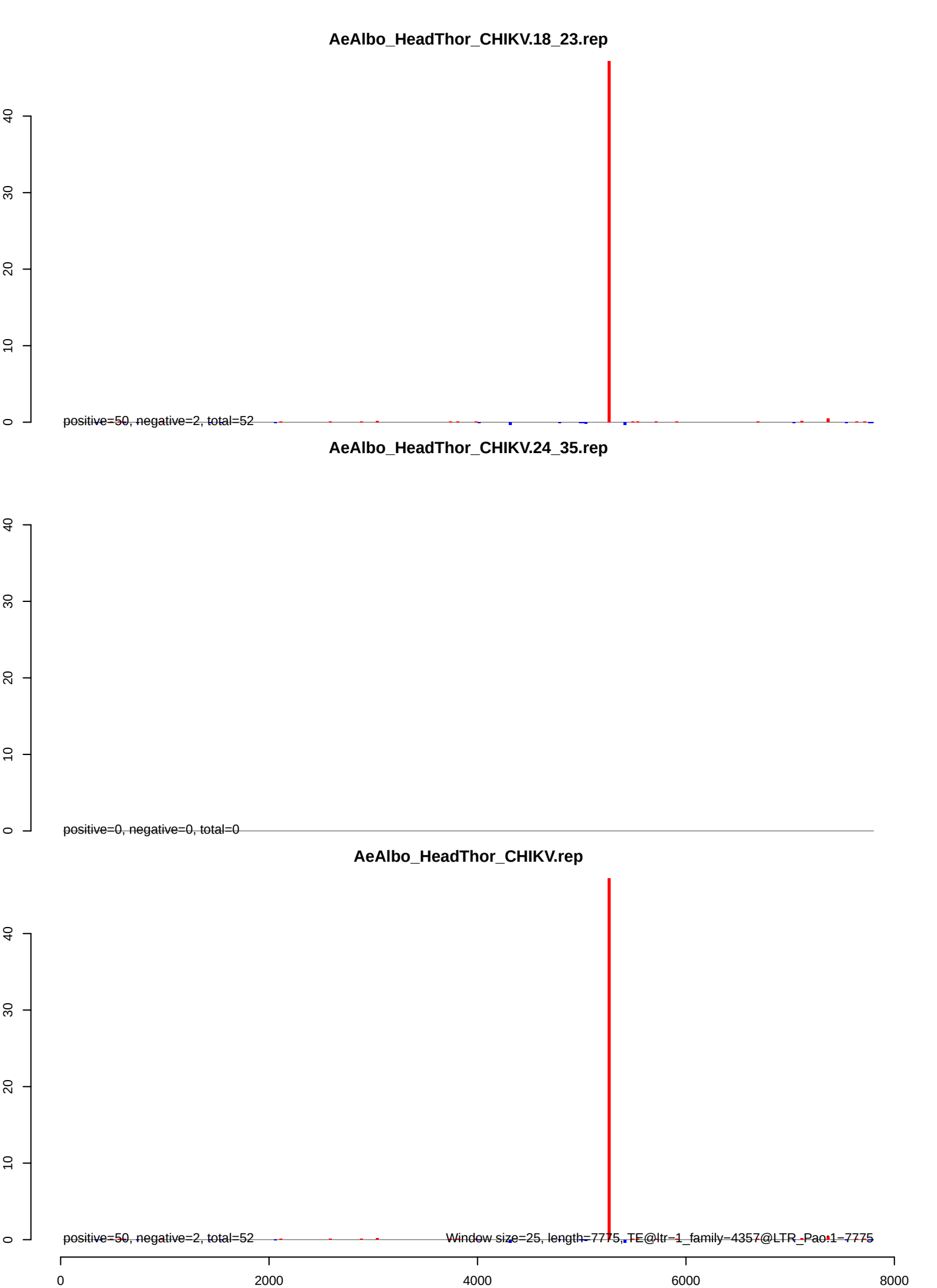

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=5, total=7
Window size=25, length=6283, TE@ltr−1_family−4981@LTR_Pao:1−6283
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
1000
2000
3000
4000
5000
6000

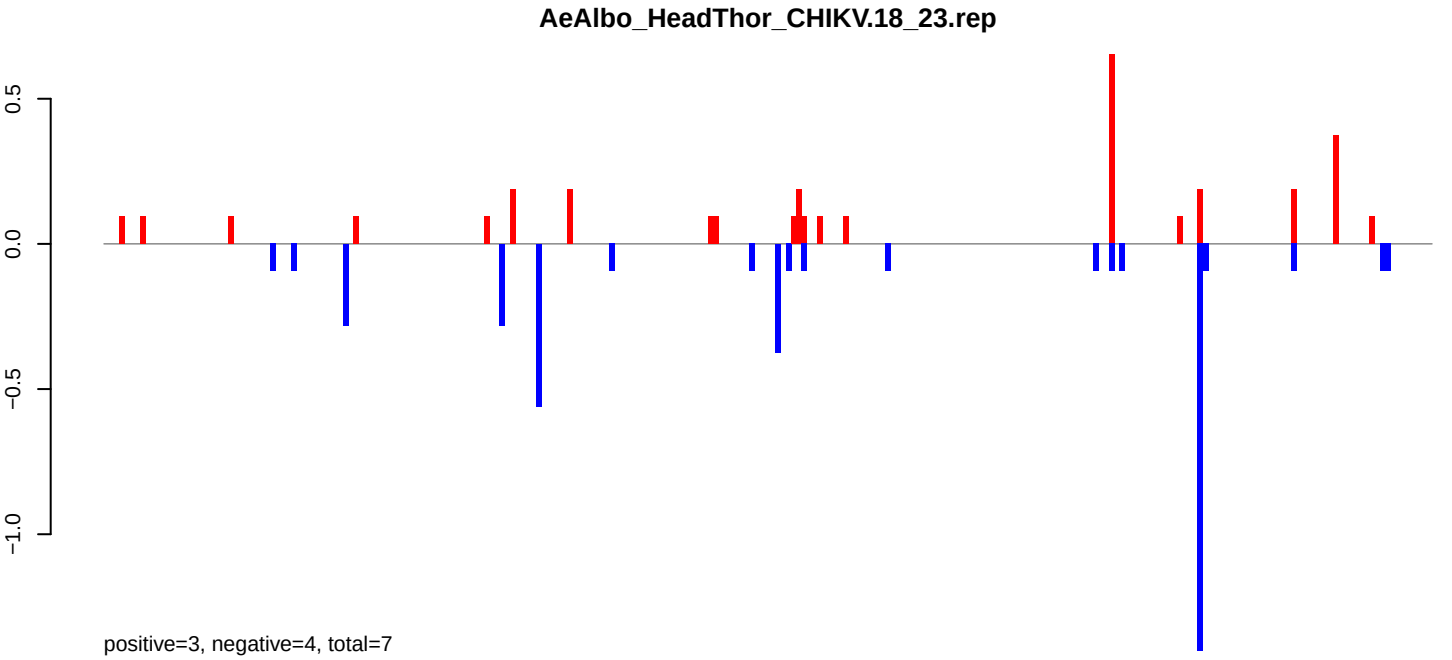

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
positive=3, negative=4, total=7

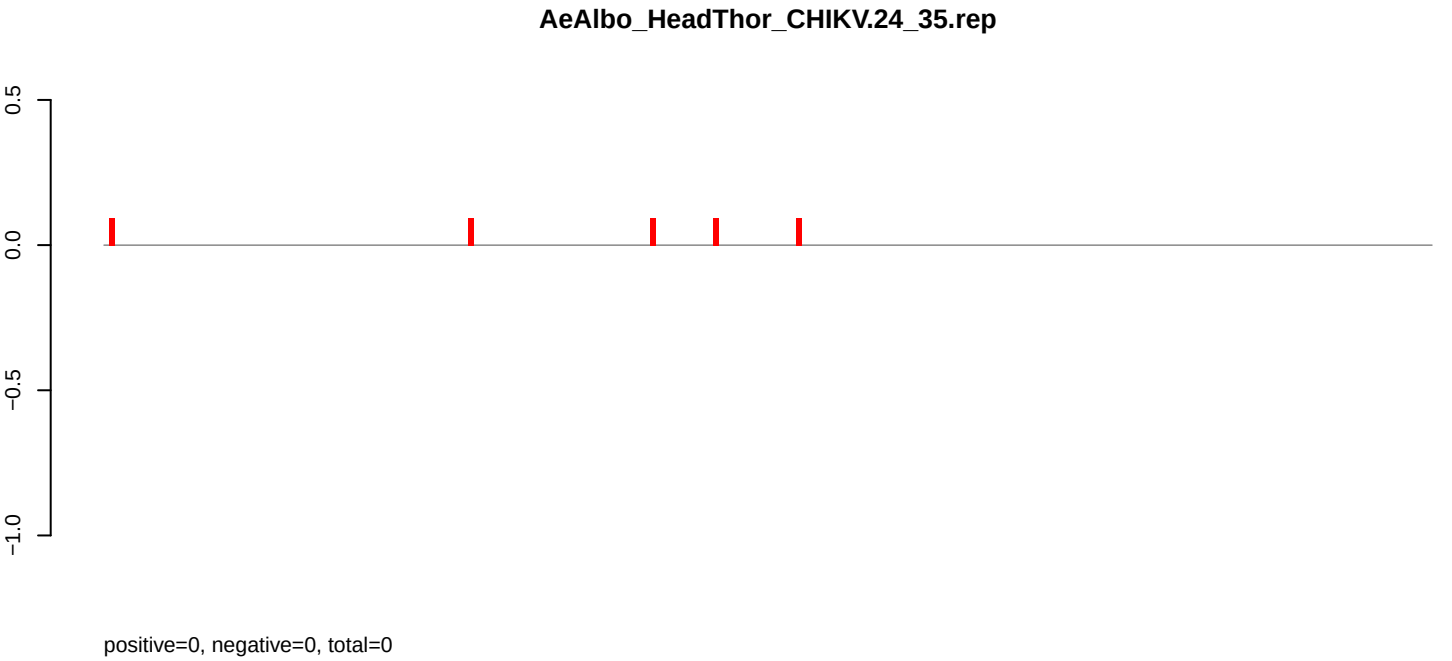

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
positive=0, negative=18, total=18

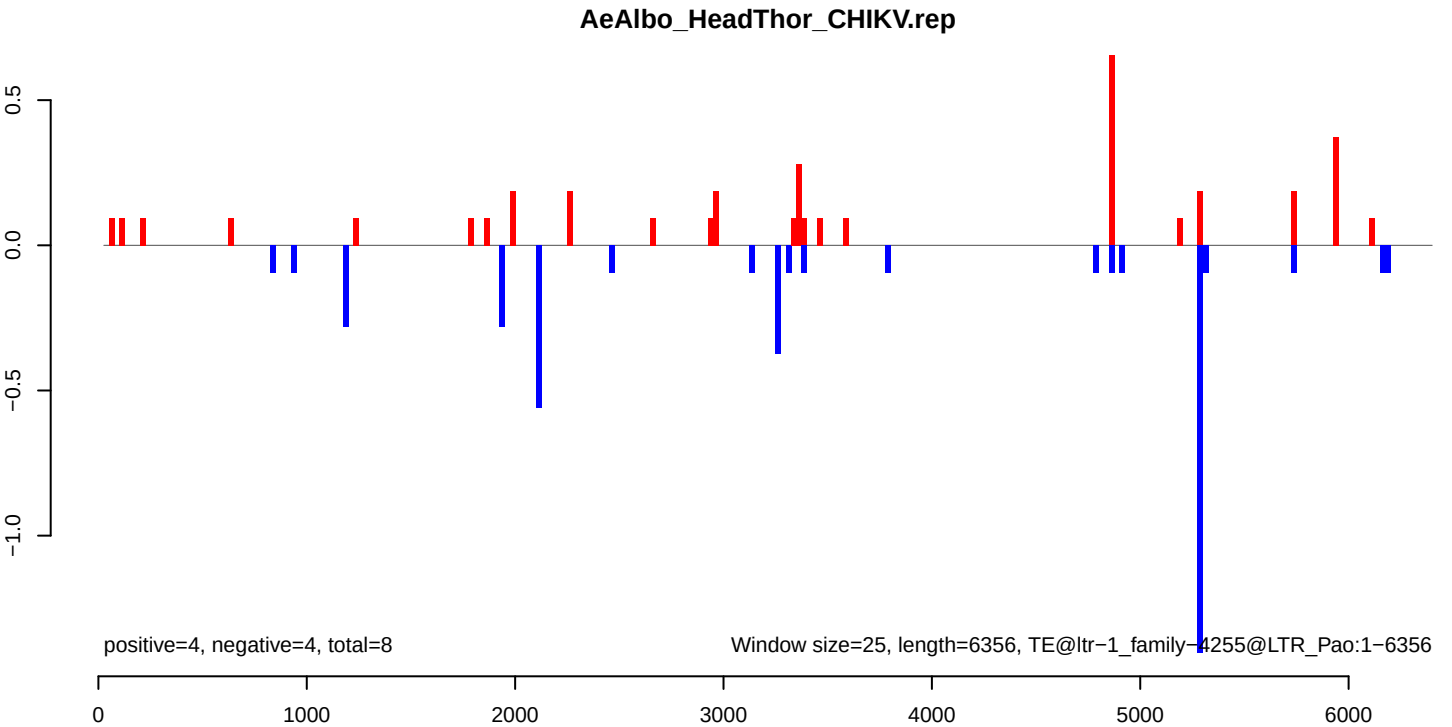

AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
positive=3, negative=23, total=26
Window size=25, length=4680, TE@ltr−1_family−4887@LTR_Gypsy:1−4680
0
1000
2000
3000
4000

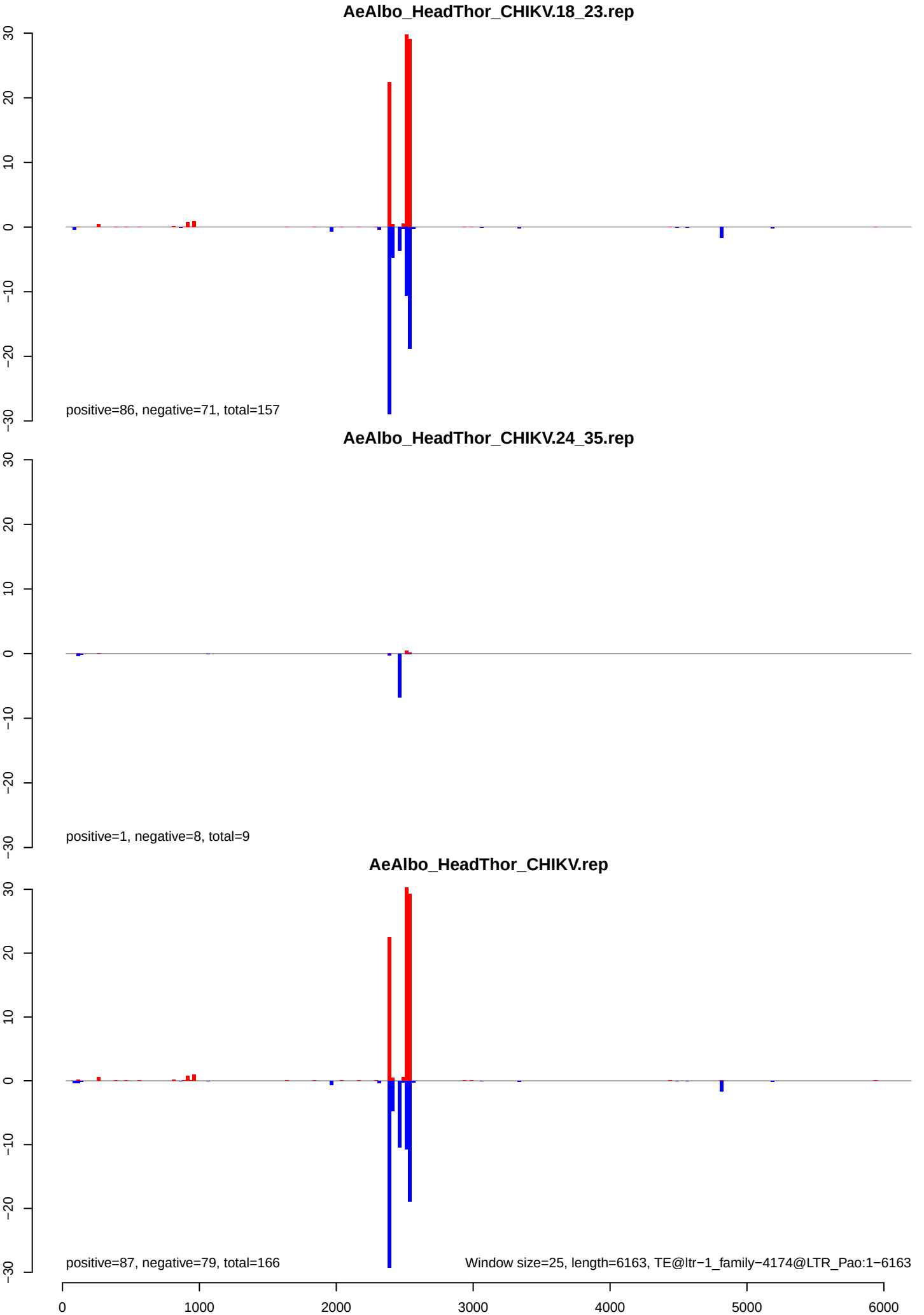

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
positive=22, negative=2, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
positive=23, negative=3, total=25
Window size=25, length=6103, TE@ltr−1_family−4570@LTR_Pao:1−6103
0
1000
2000
3000
4000
5000
6000

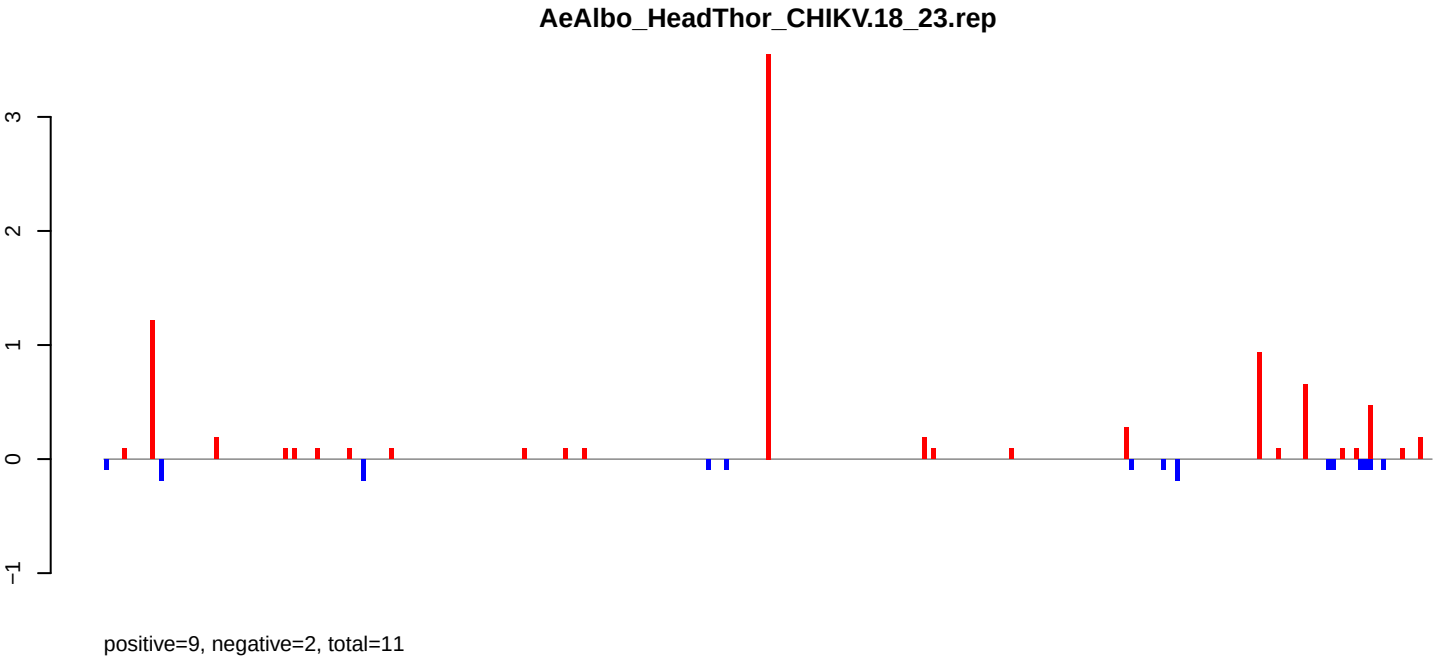

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=50, negative=2, total=52
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=50, negative=2, total=52
Window size=25, length=7775, TE@ltr-1_family-4357@LTR_Pao-1-7775
0
2000
4000
6000
8000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7

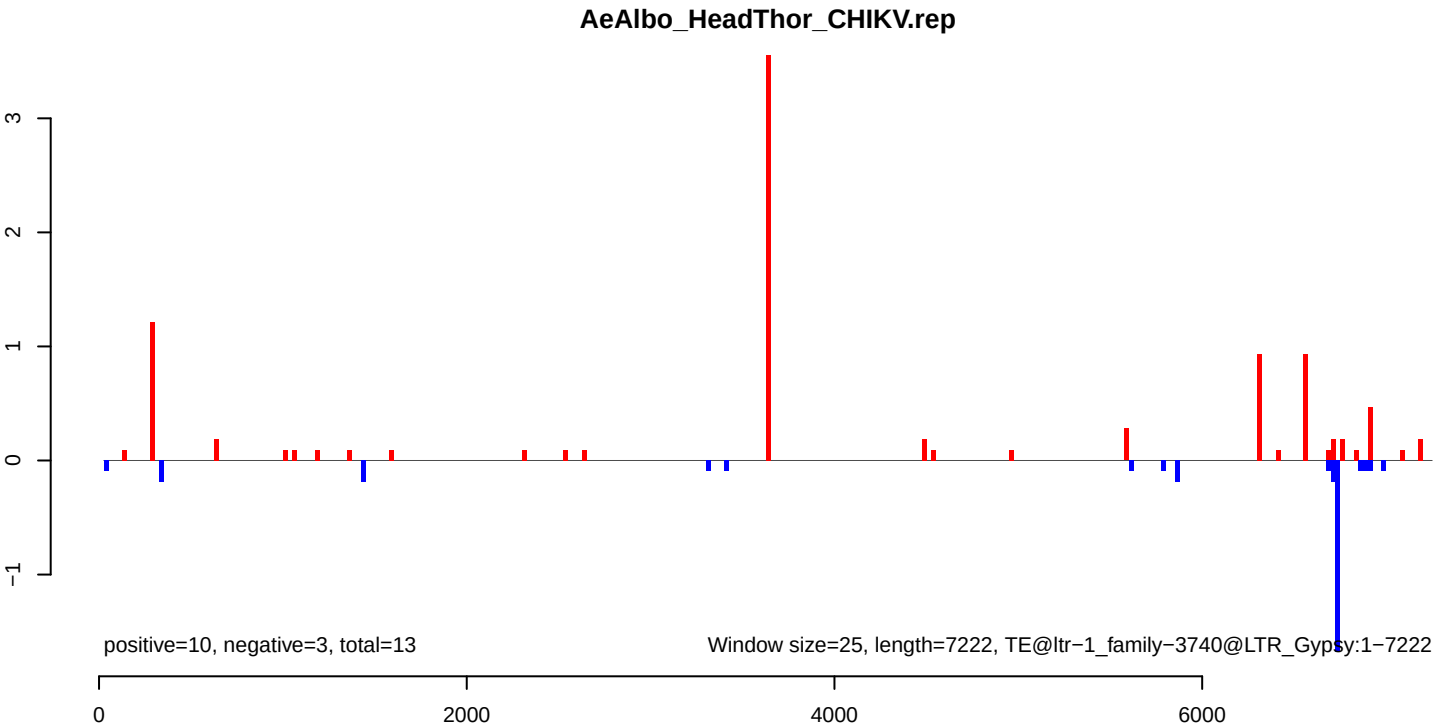

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

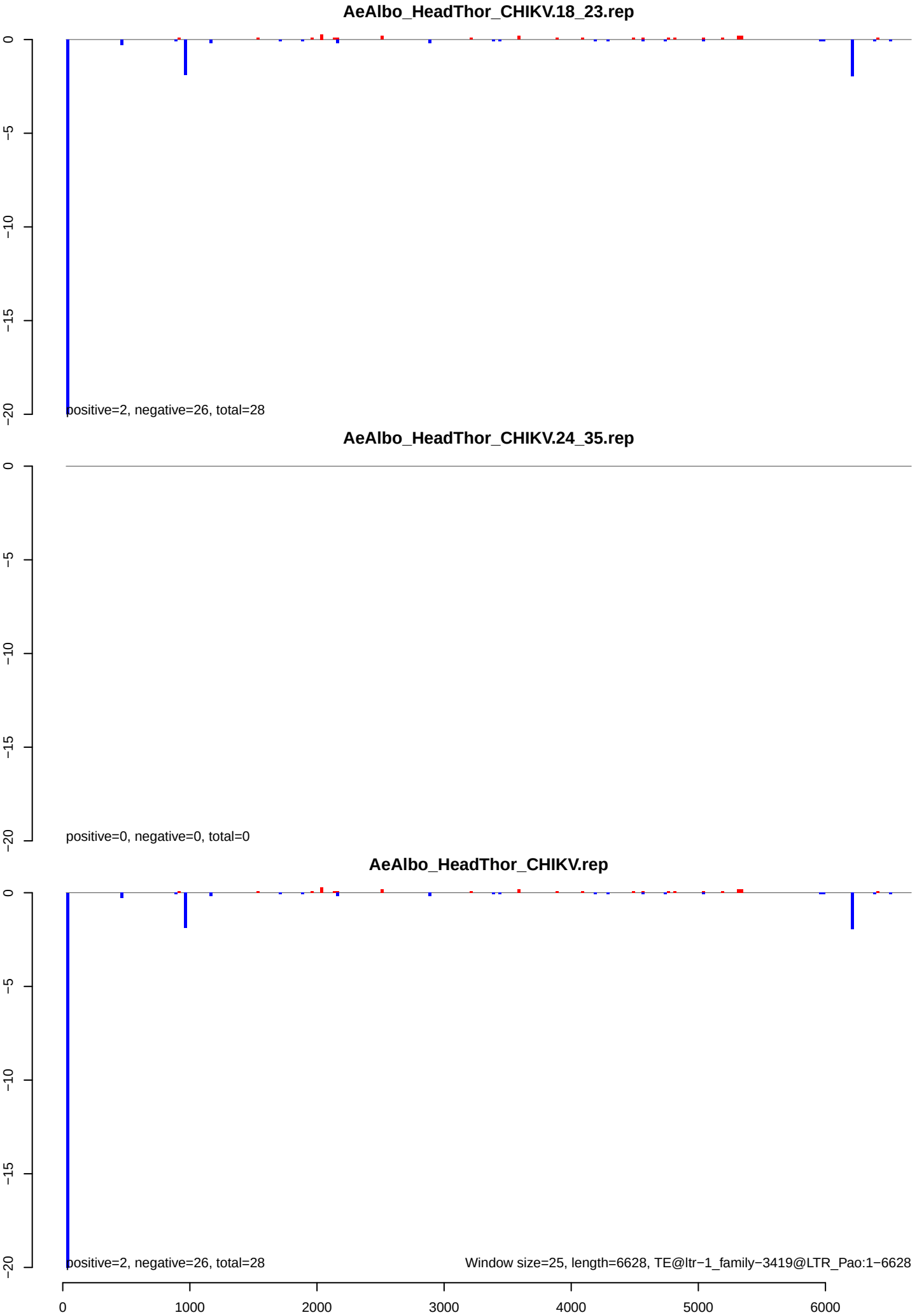

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=4, negative=4, total=8
Window size=25, length=6356, TE@ltr−1_family−4255@LTR_Pao:1−6356
0
1000
2000
3000
4000
5000
6000

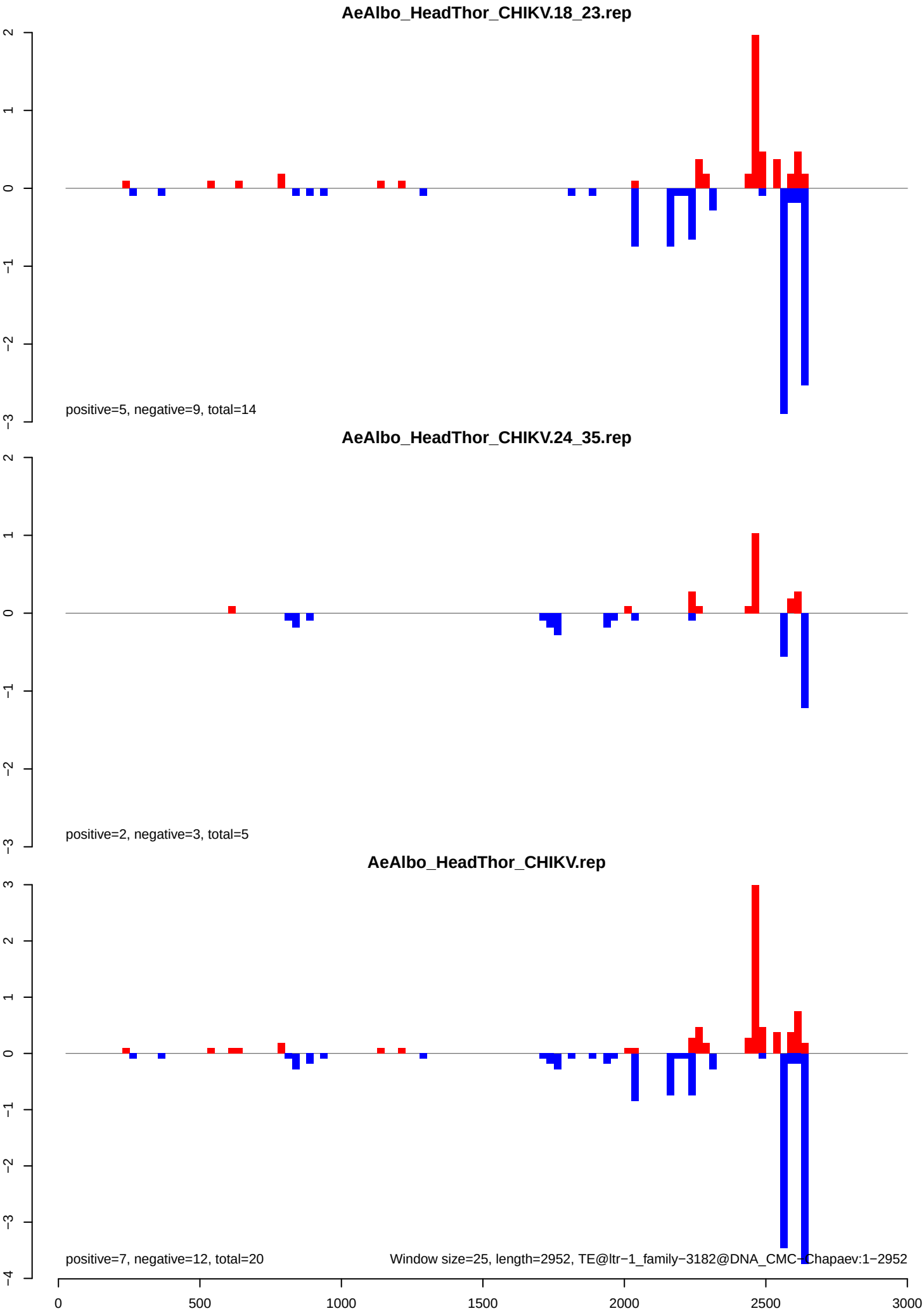

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=86, negative=71, total=157
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=8, total=9
AeAlbo_HeadThor_CHIKV.rep
positive=87, negative=79, total=166
Window size=25, length=6163, TE@ltr−1_family−4174@LTR_Pao:1−6163
30
20
10
0
−10
−20
−30
0
1000
2000
3000
4000
5000
6000

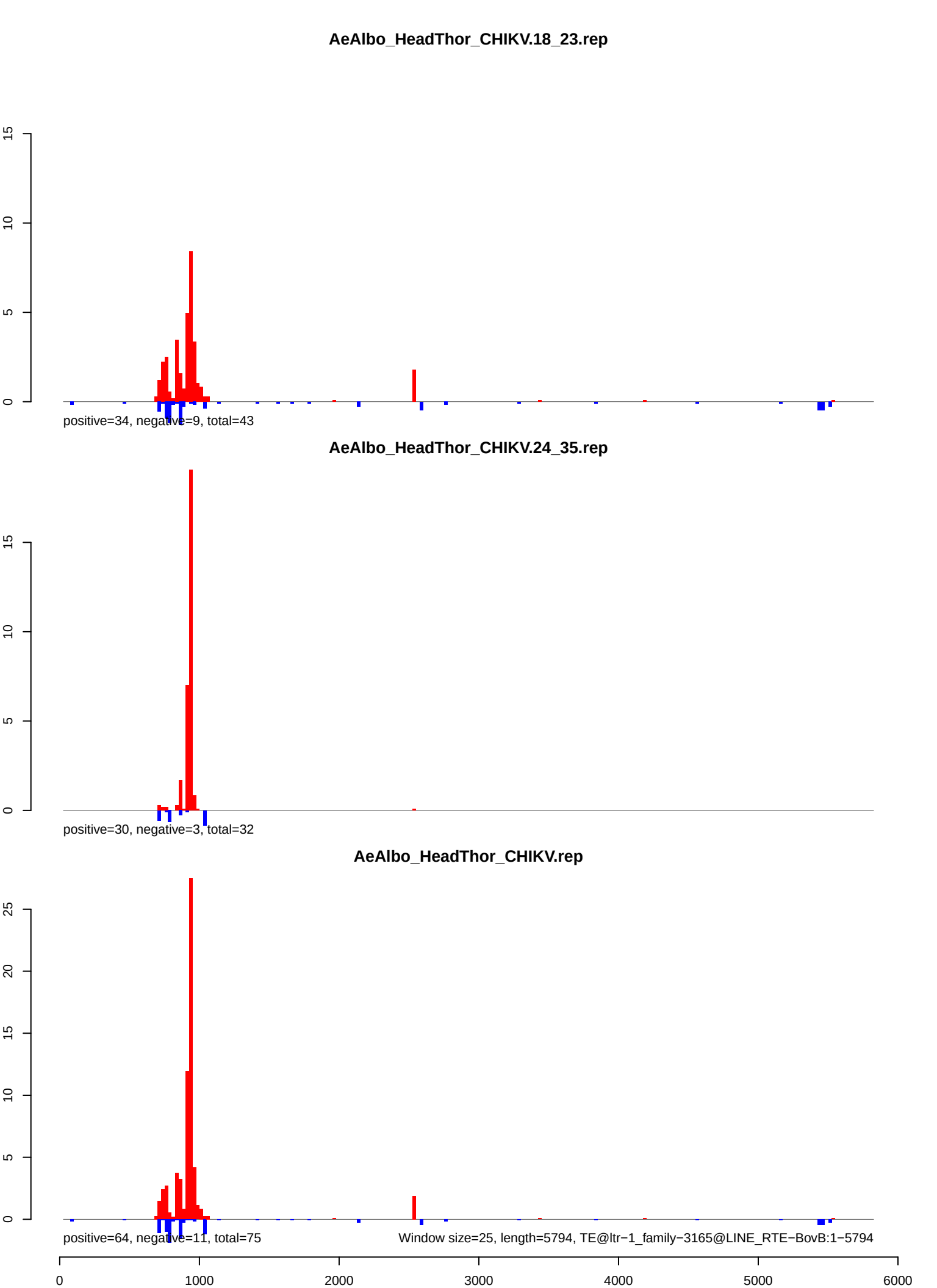

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
positive=9, negative=2, total=11

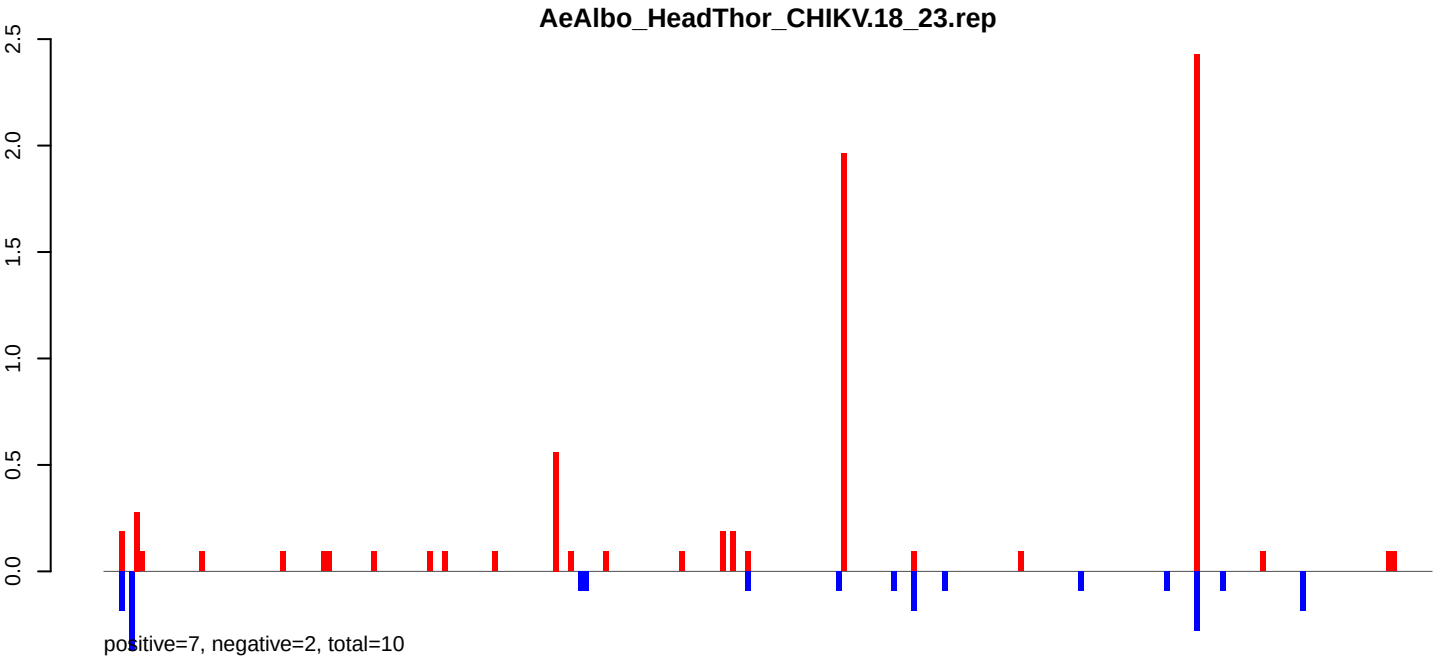
AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
positive=1, negative=2, total=2

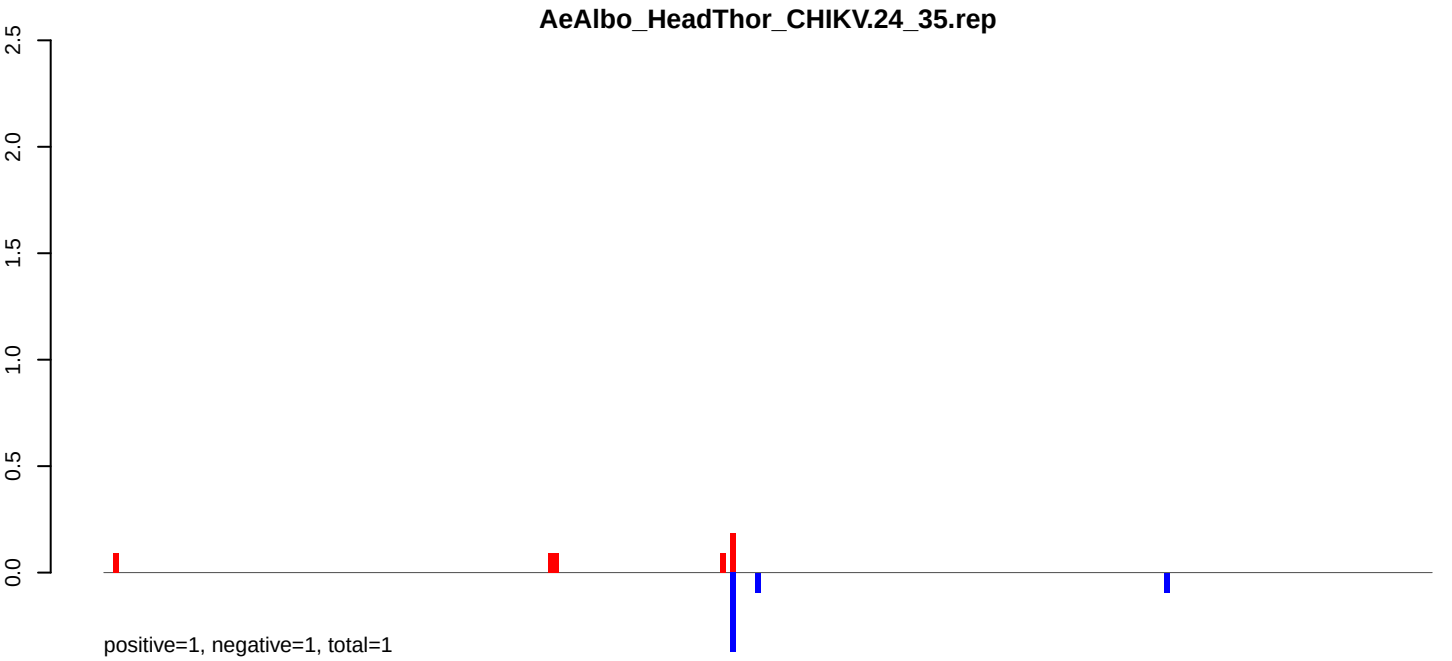

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
positive=10, negative=3, total=13
Window size=25, length=7222, TE@ltr−1_family−3740@LTR_Gypsy:1−7222
0
2000
4000
6000

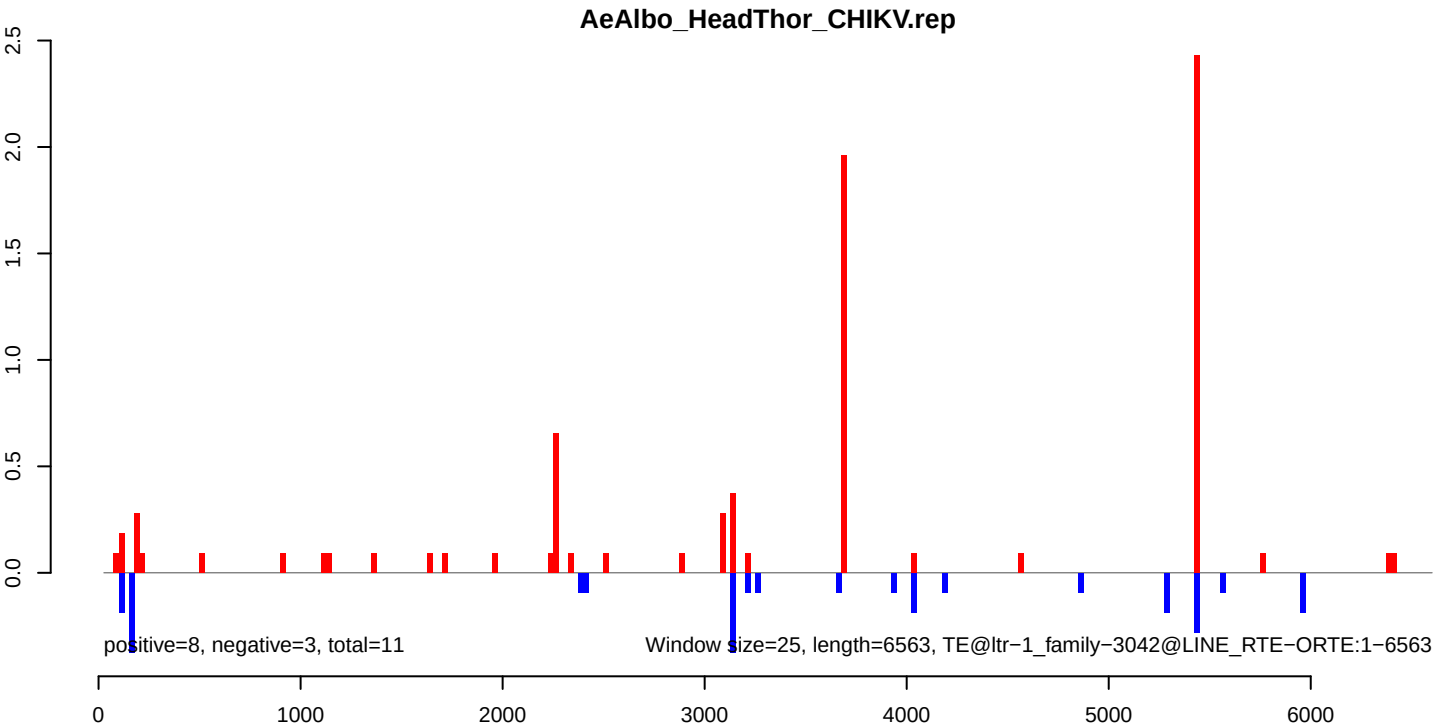

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=26, total=28
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=26, total=28
Window size=25, length=6628, TE@ltr−1_family−3419@LTR_Pao:1−6628
0
1000
2000
3000
4000
5000
6000

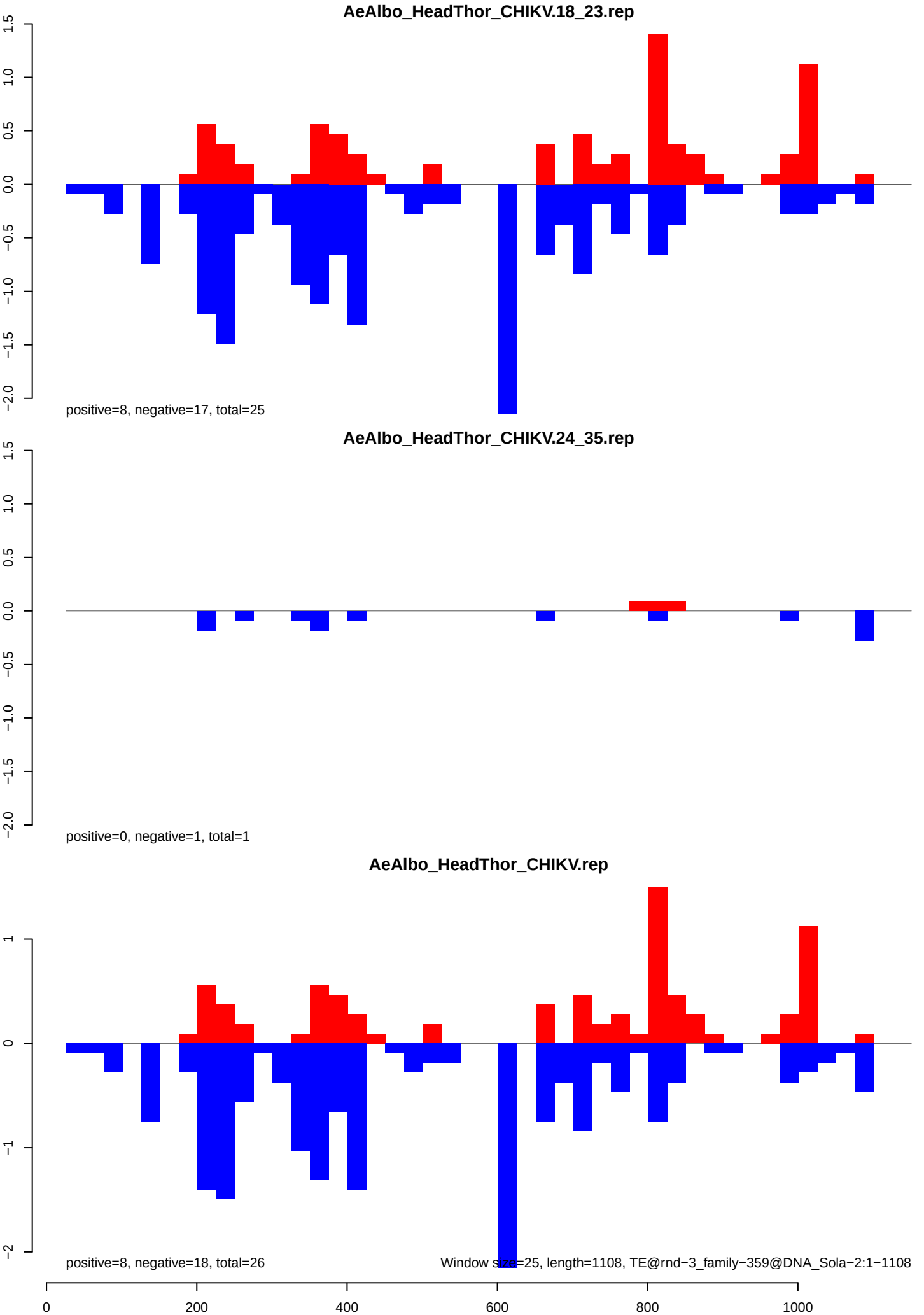

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=9, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=12, total=20
Window size=25, length=2952, TE@ltr−1_family−3182@DNA_CMC−Chapaev:1−2952
0
500
1000
1500
2000
2500
3000

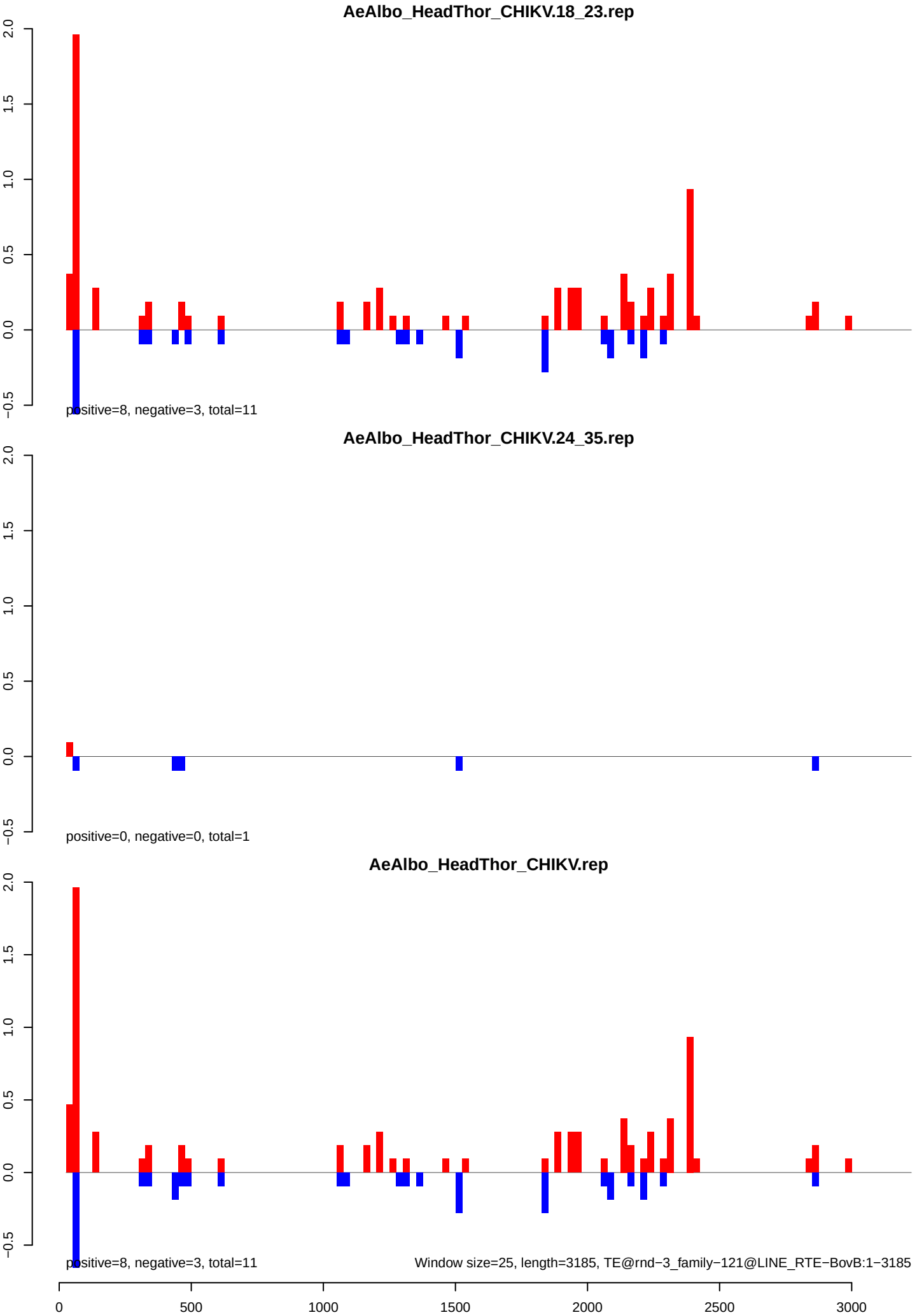

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
positive=34, negative=9, total=43
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
positive=30, negative=3, total=32
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
25
positive=64, negative=11, total=75
Window size=25, length=5794, TE@ltr−1_family−3165@LINE_RTE−BovB:1−5794
0
1000
2000
3000
4000
5000
6000

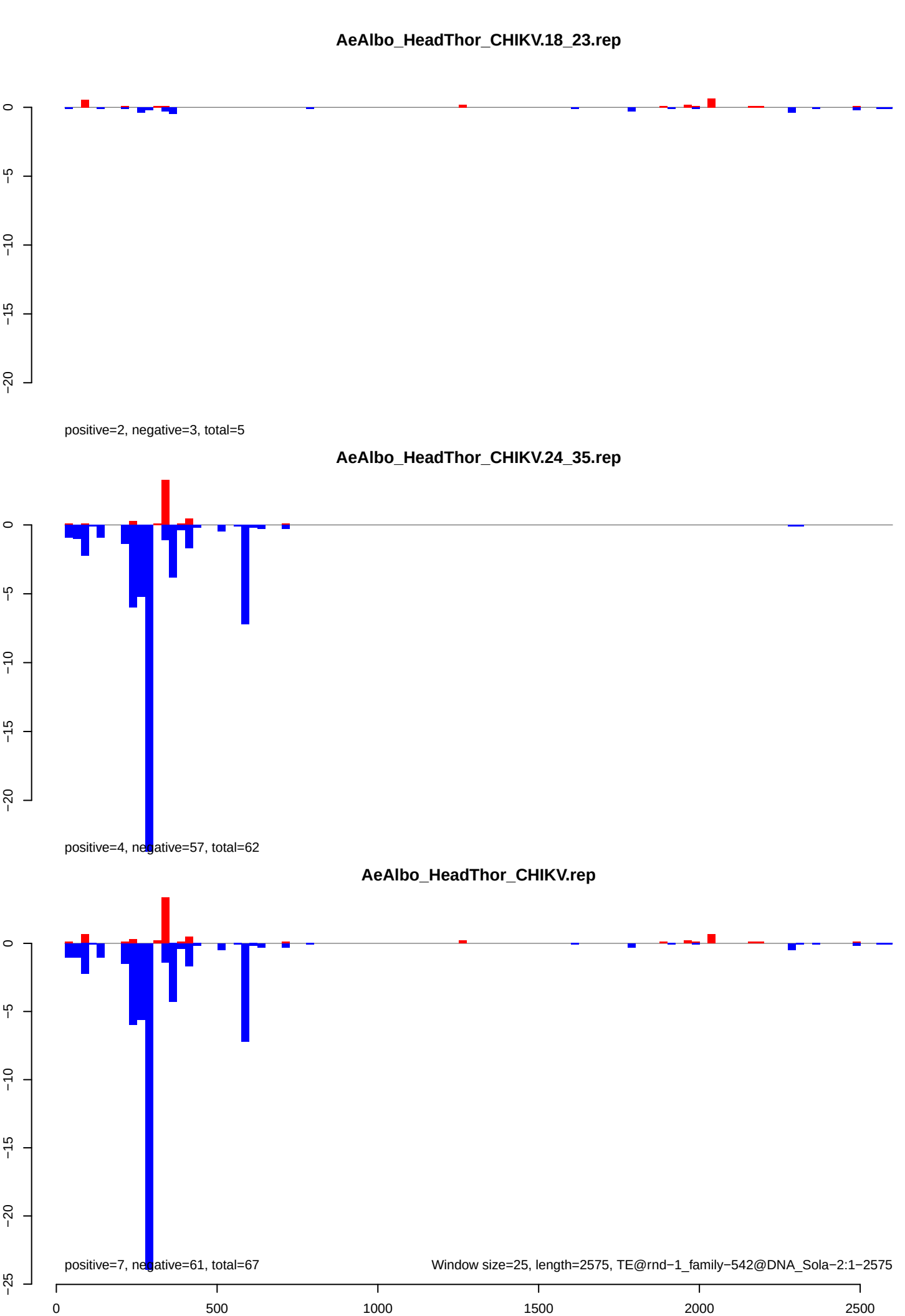

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=7, negative=2, total=10

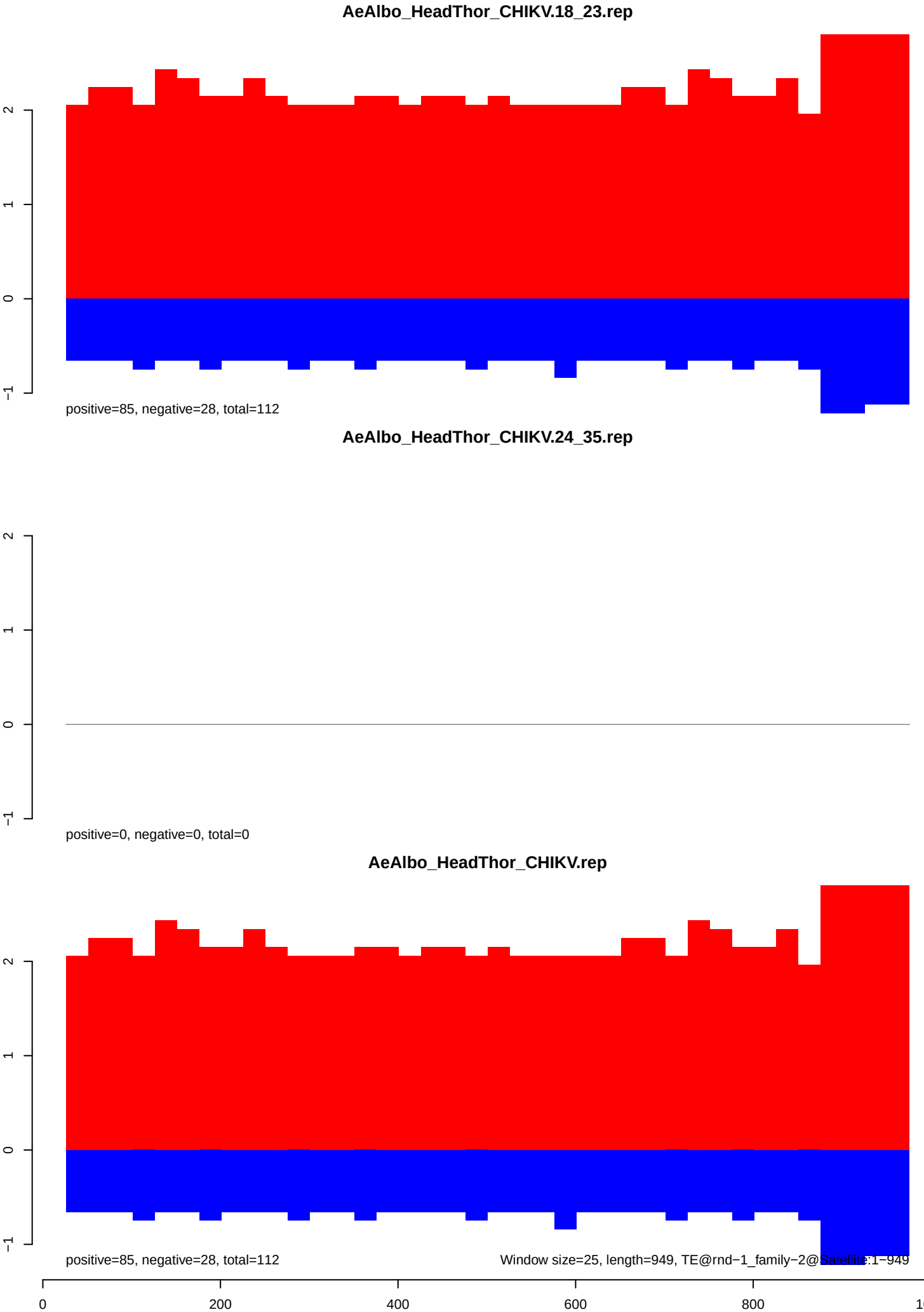

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=1, negative=1, total=1

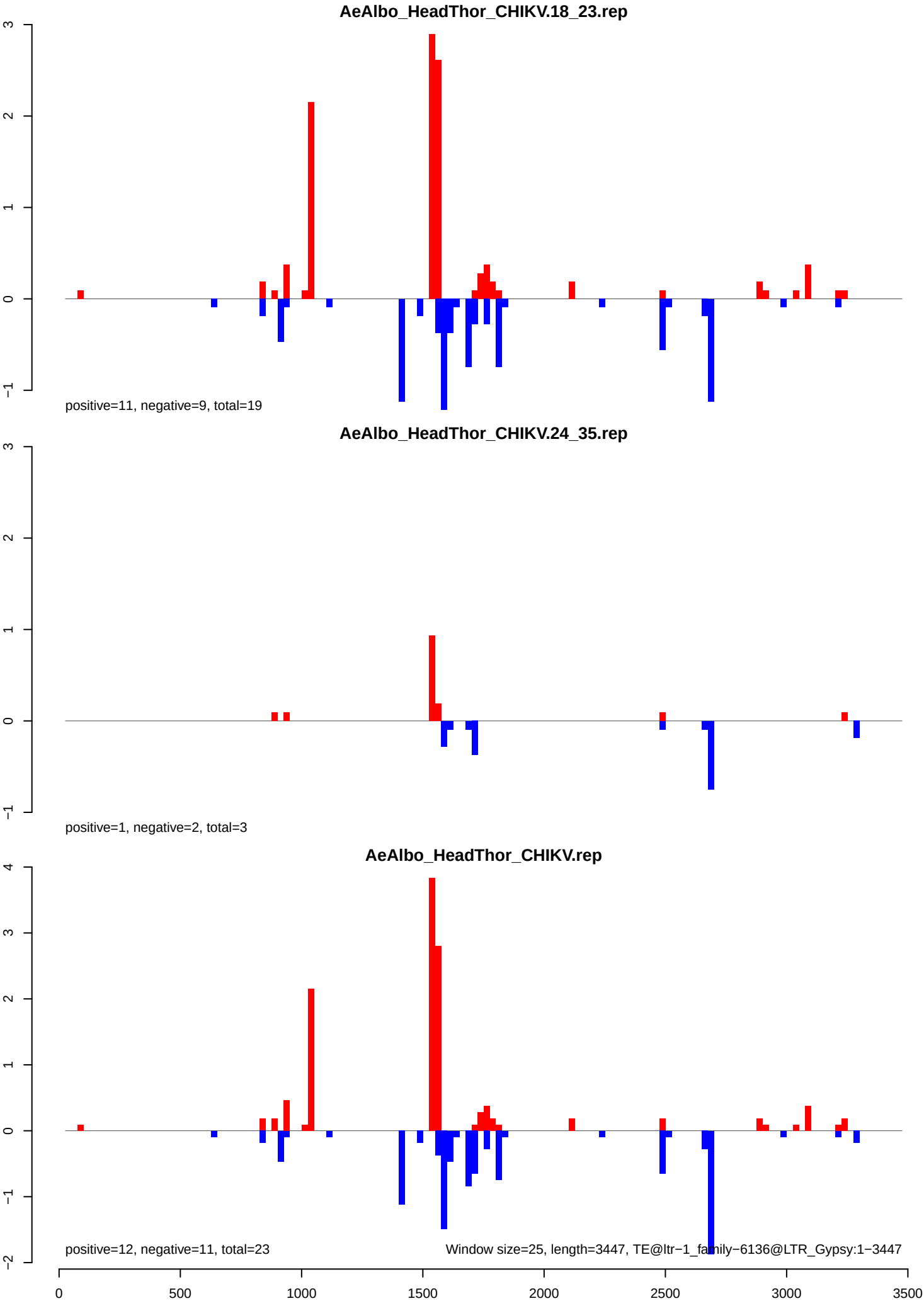

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=8, negative=3, total=11
Window size=25, length=6563, TE@ltr−1_family−3042@LINE_RTE−ORTE:1−6563
0
1000
2000
3000
4000
5000
6000

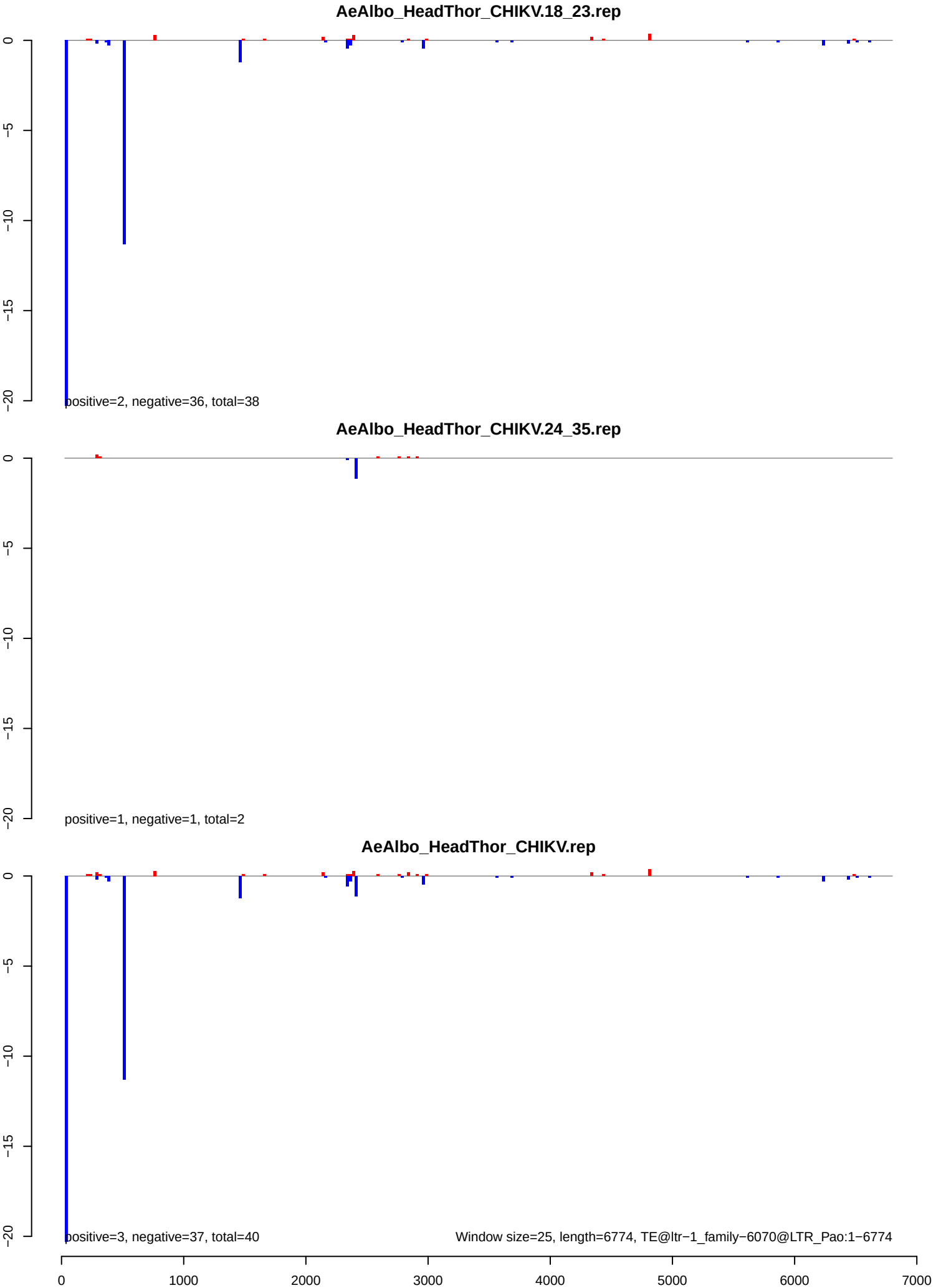

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=17, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=18, total=26
Window size=25, length=1108, TE@rnd−3_family−359@DNA_Sola−2:1−1108
0
200
400
600
800
1000

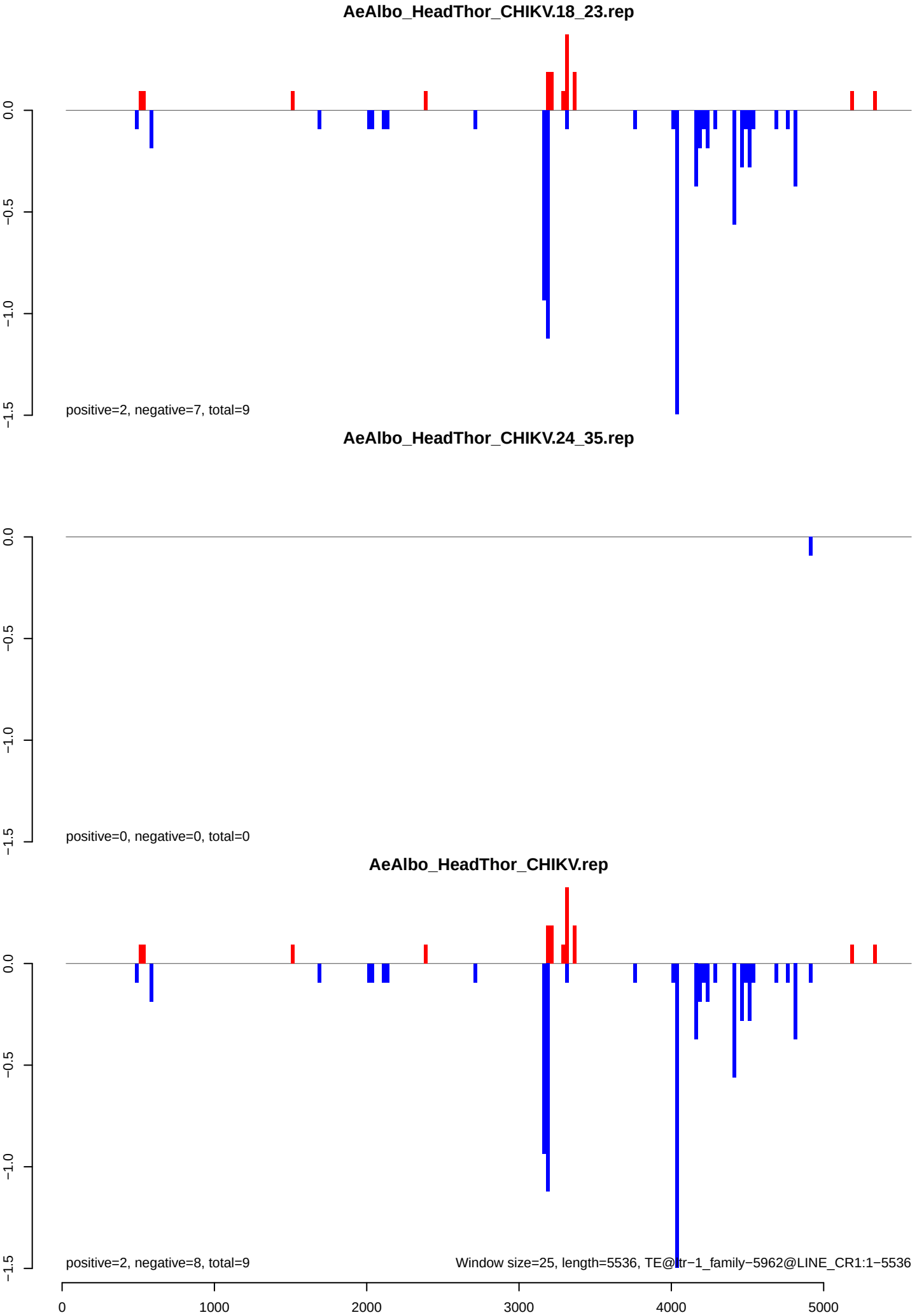

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=3, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=3, total=11
Window size=25, length=3185, TE@rnd−3_family−121@LINE_RTE−BovB:1−3185
2.0
1.5
1.0
0.5
0.0
−0.5
0
500
1000
1500
2000
2500
3000

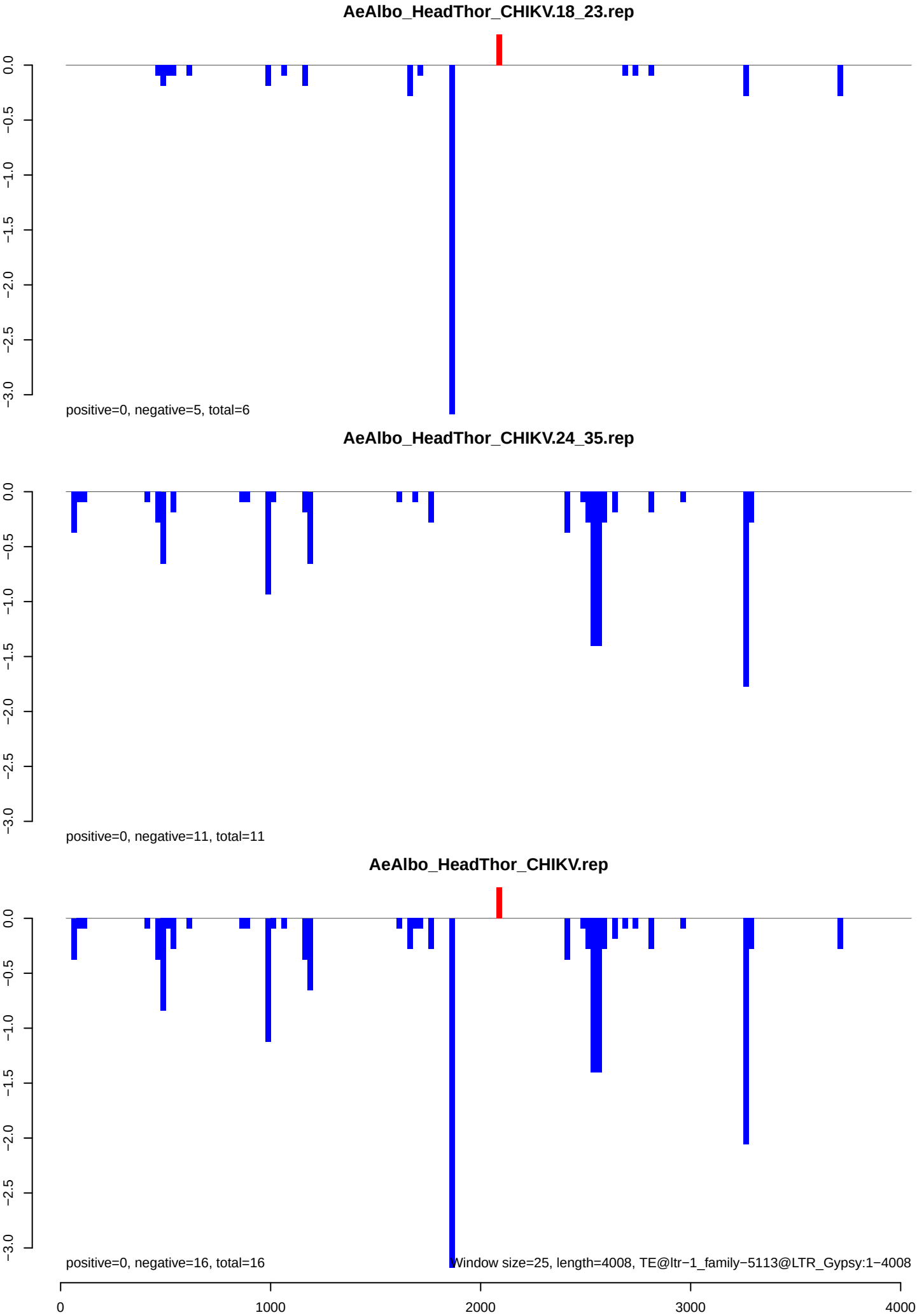

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=4, negative=57, total=62
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=7, negative=61, total=67
Window size=25, length=2575, TE@rnd−1_family−542@DNA_Sola−2:1−2575
0
500
1000
1500
2000
2500

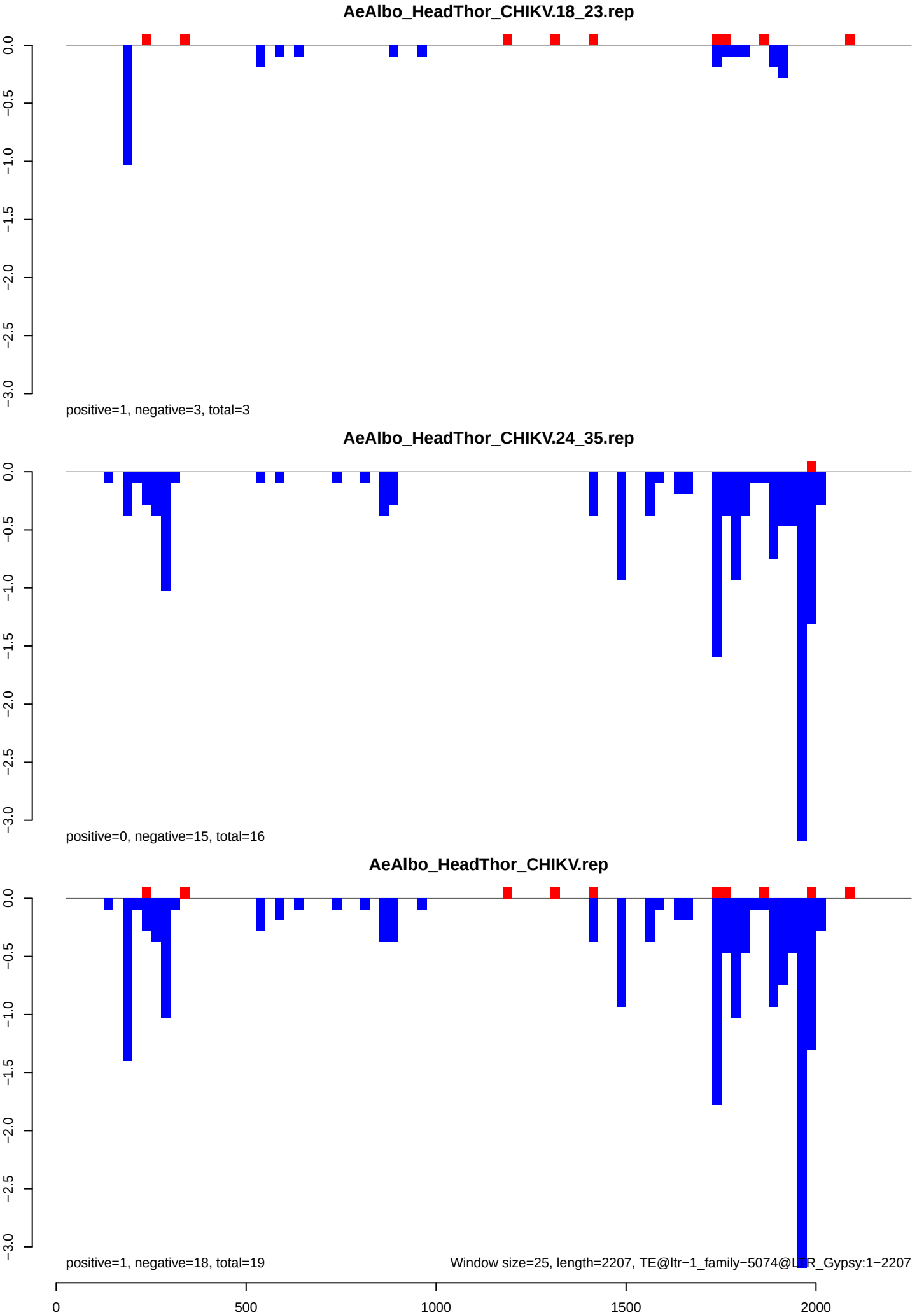

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=85, negative=28, total=112
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=85, negative=28, total=112
Window size=25, length=949, TE@rnd−1_family−2@Satellite:1−949
2
1
0
−1
0
200
400
600
800
1000

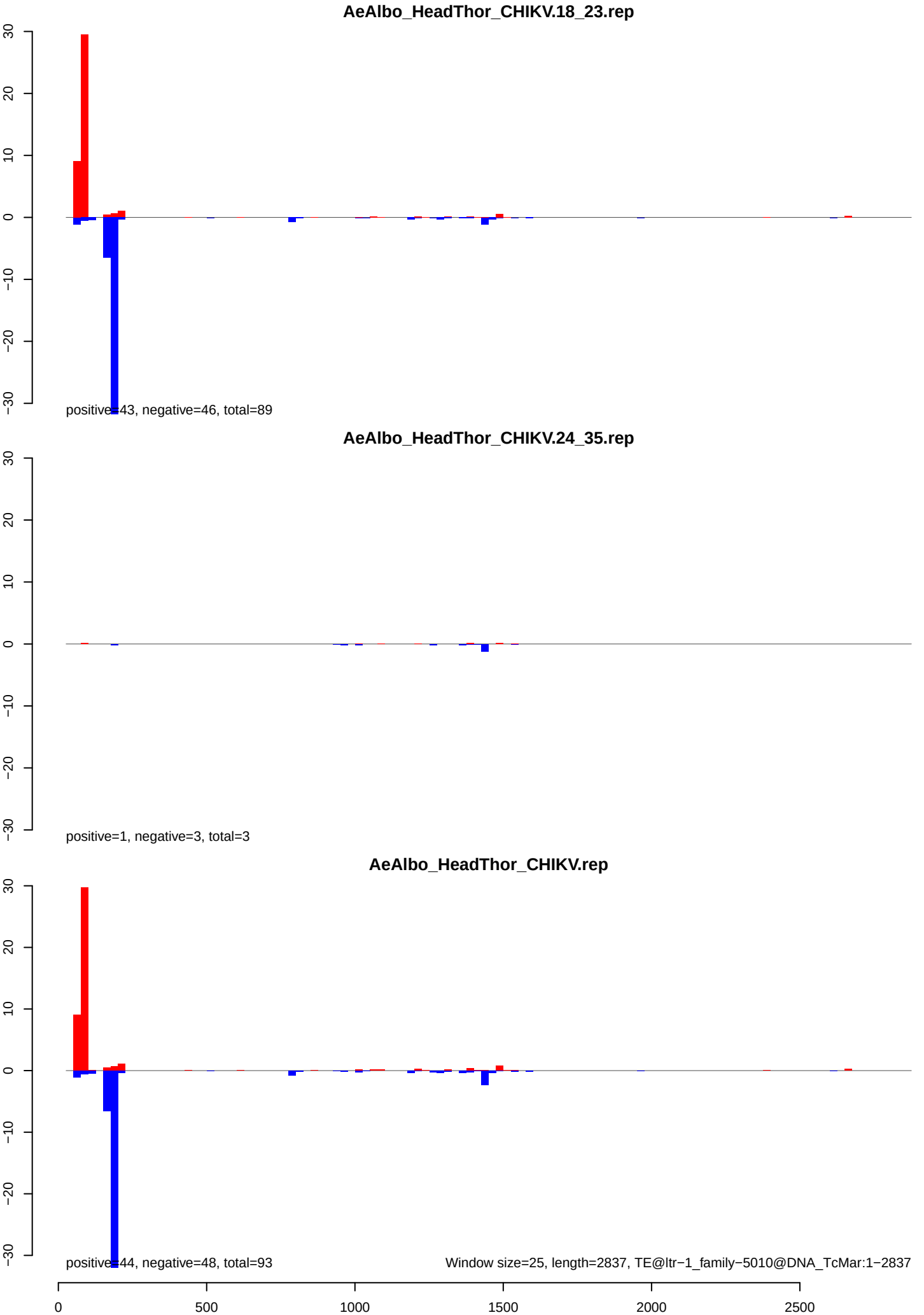

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=9, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=11, total=23
Window size=25, length=3447, TE@ltr−1_family−6136@LTR_Gypsy:1−3447
0
500
1000
1500
2000
2500
3000
3500

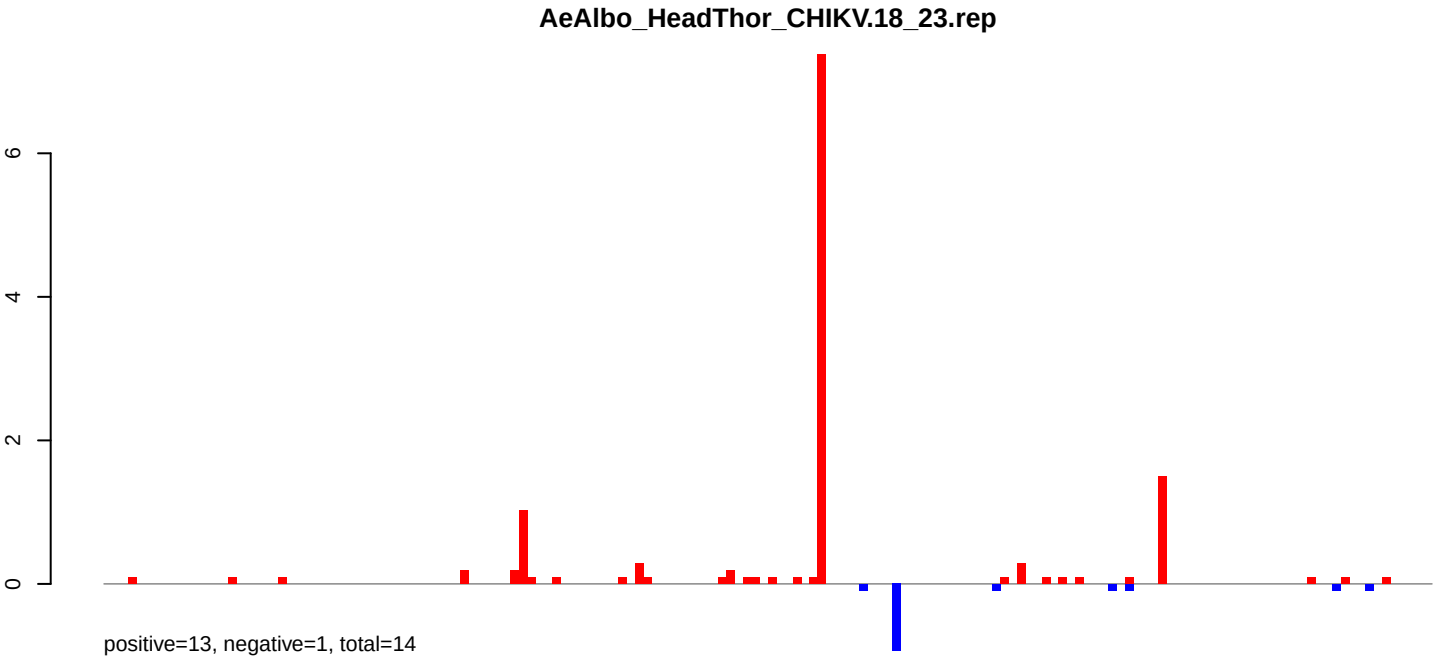

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=36, total=38
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=37, total=40
Window size=25, length=6774, TE@ltr−1_family−6070@LTR_Pao:1−6774
0
1000
2000
3000
4000
5000
6000
7000

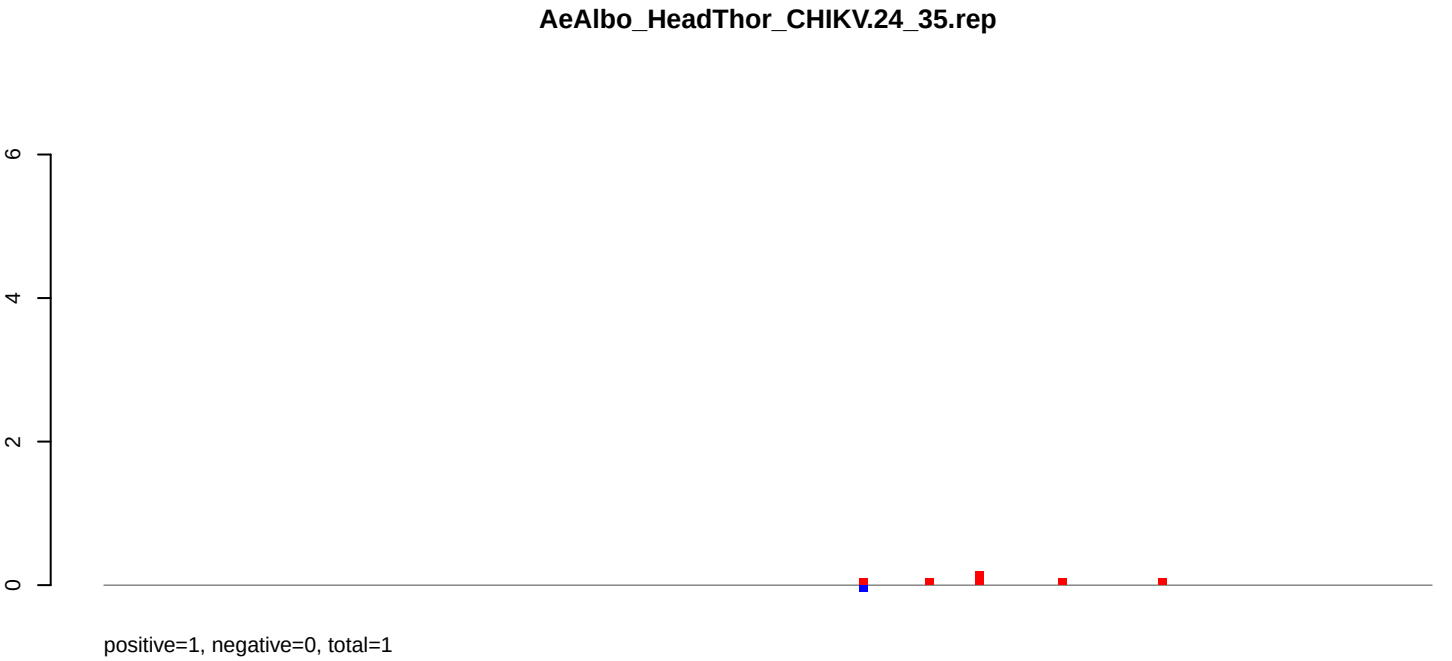

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=2, negative=7, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=2, negative=8, total=9
Window size=25, length=5536, TE@ltr−1_family−5962@LINE_CR1:1−5536
0
1000
2000
3000
4000
5000

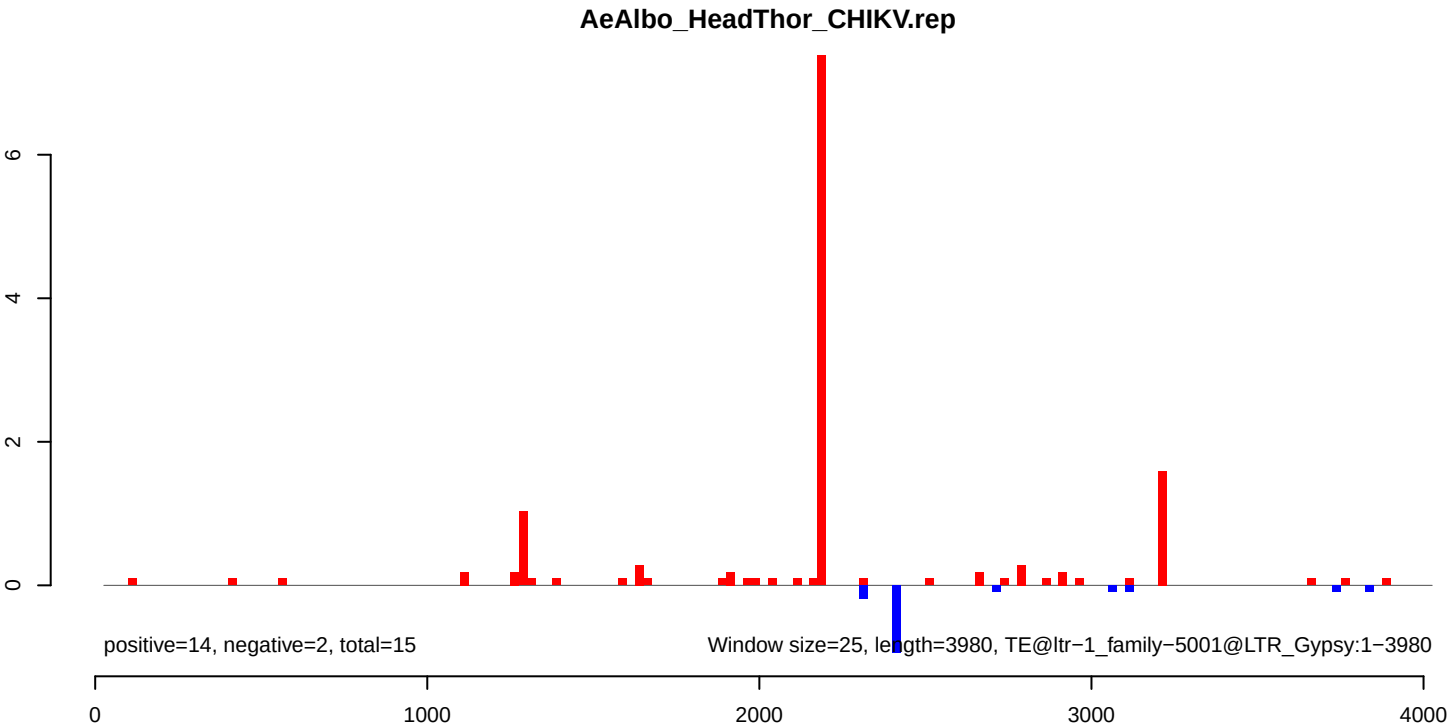

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=0, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=11, total=11
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=16, total=16
Window size=25, length=4008, TE@ltr−1_family−5113@LTR_Gypsy:1−4008
0
1000
2000
3000
4000

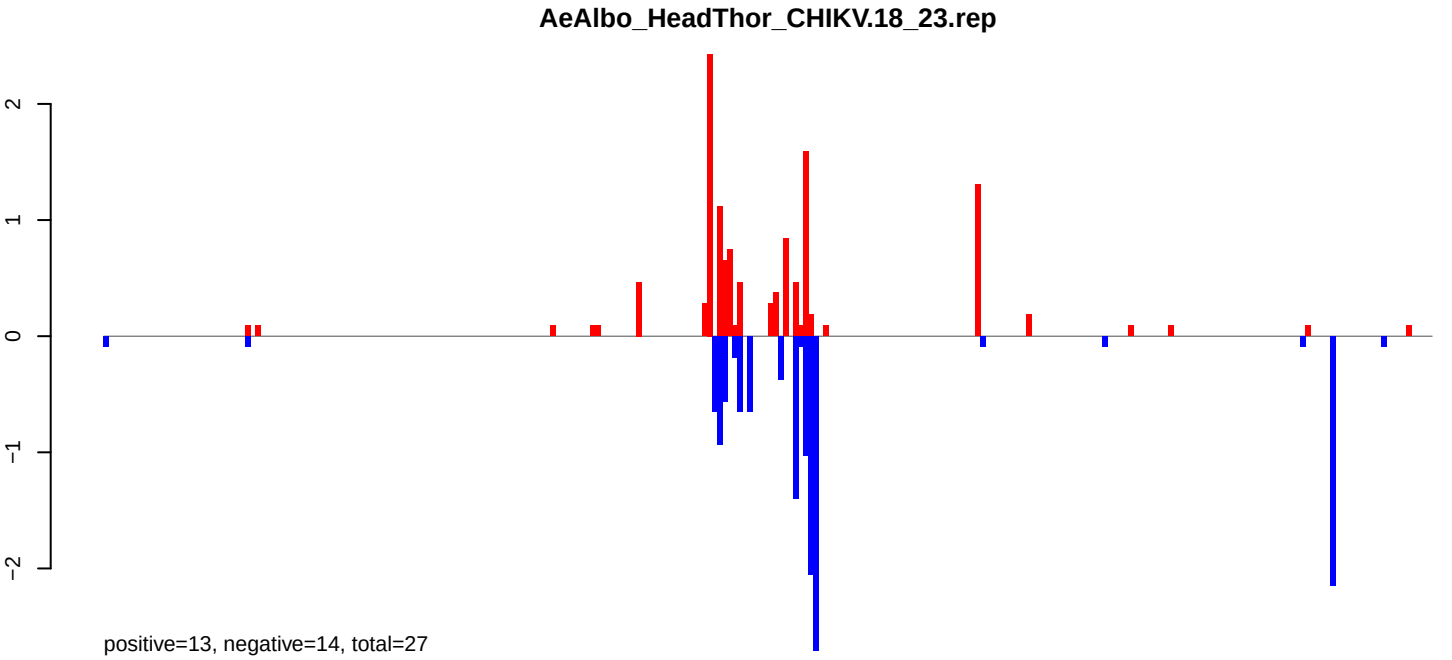

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=1, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=15, total=16
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=18, total=19
Window size=25, length=2207, TE@ltr−1_family−5074@LTR_Gypsy:1−2207
0
500
1000
1500
2000

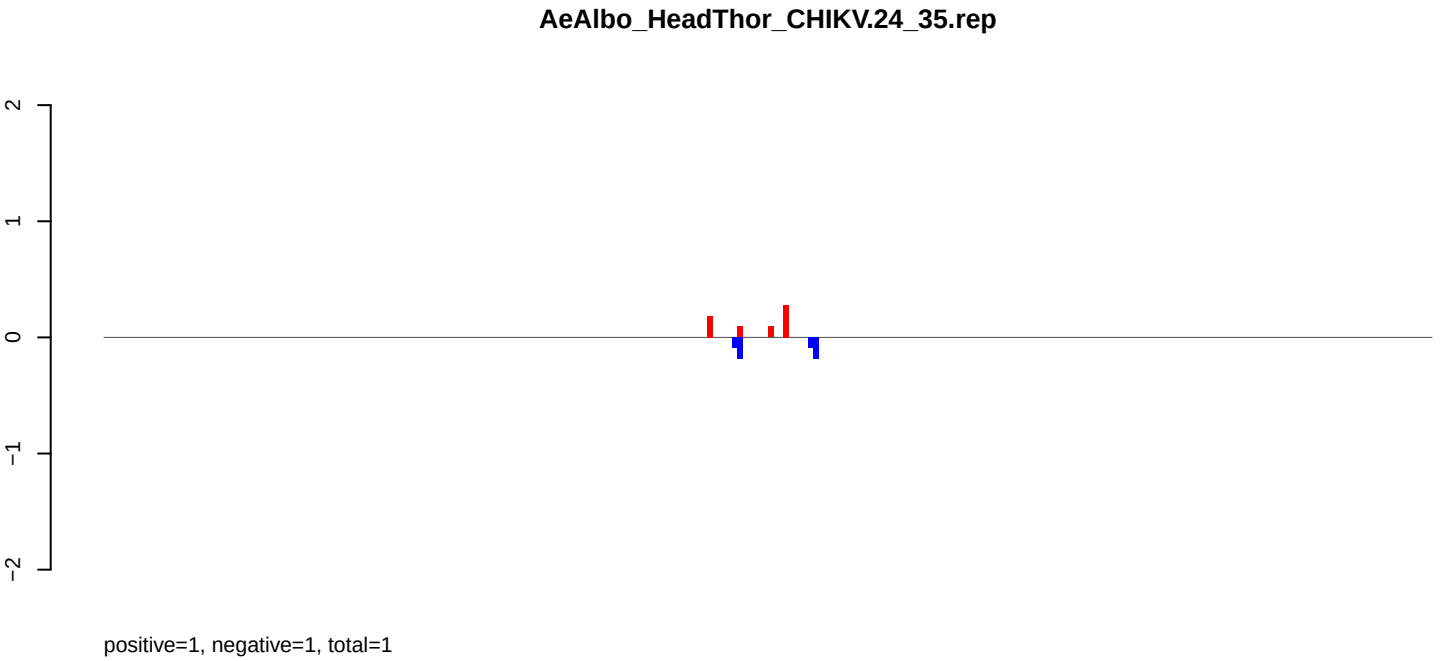

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=43, negative=46, total=89
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=3, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=44, negative=48, total=93
Window size=25, length=2837, TE@ltr−1_family−5010@DNA_TcMar:1−2837
30
20
10
0
−10
−20
−30
0
500
1000
1500
2000
2500

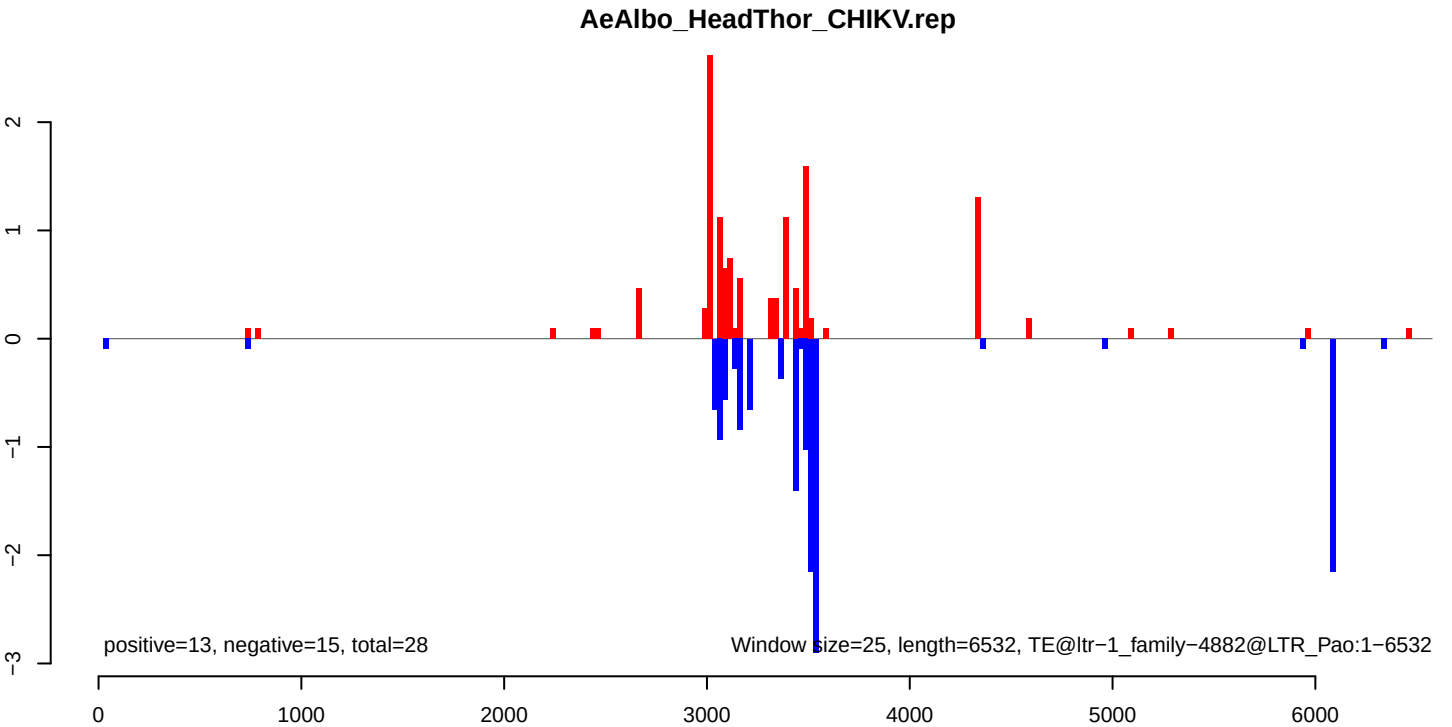

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
positive=13, negative=1, total=14

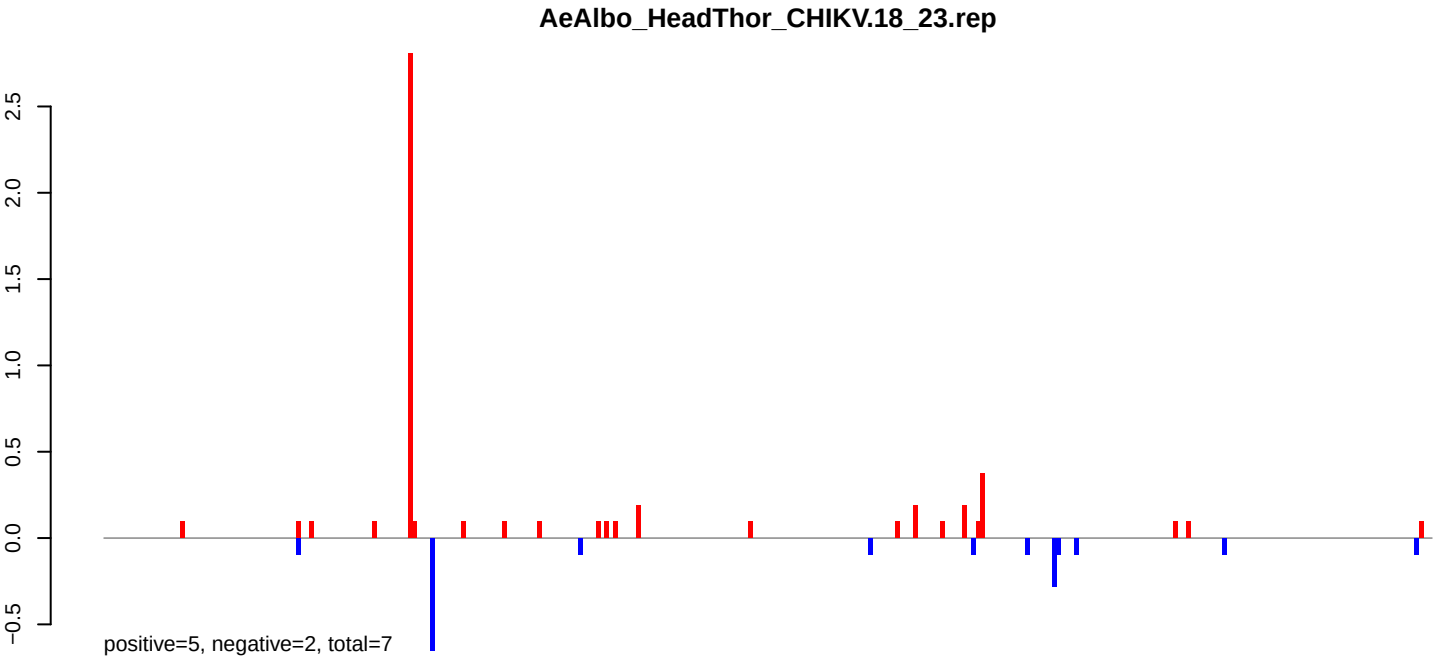

AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
positive=1, negative=0, total=1

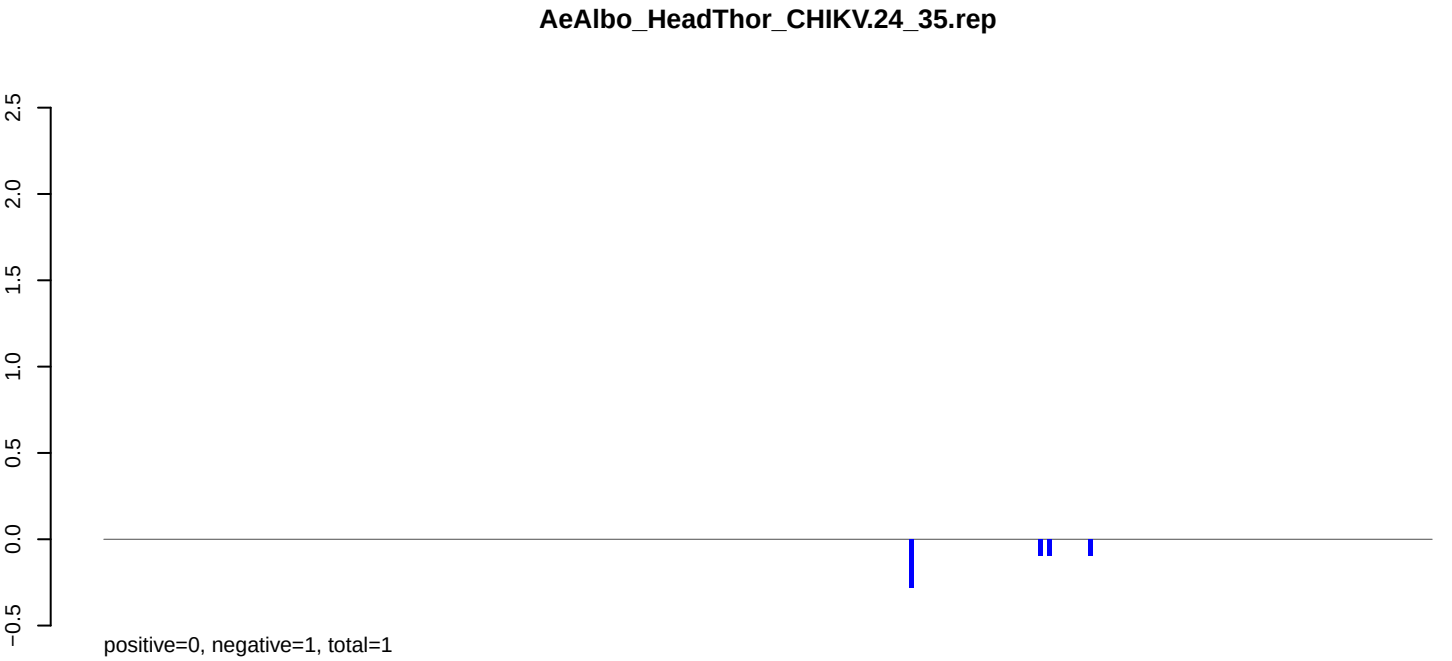

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
positive=14, negative=2, total=15
Window size=25, length=3980, TE@ltr−1_family−5001@LTR_Gypsy:1−3980
0
1000
2000
3000
4000

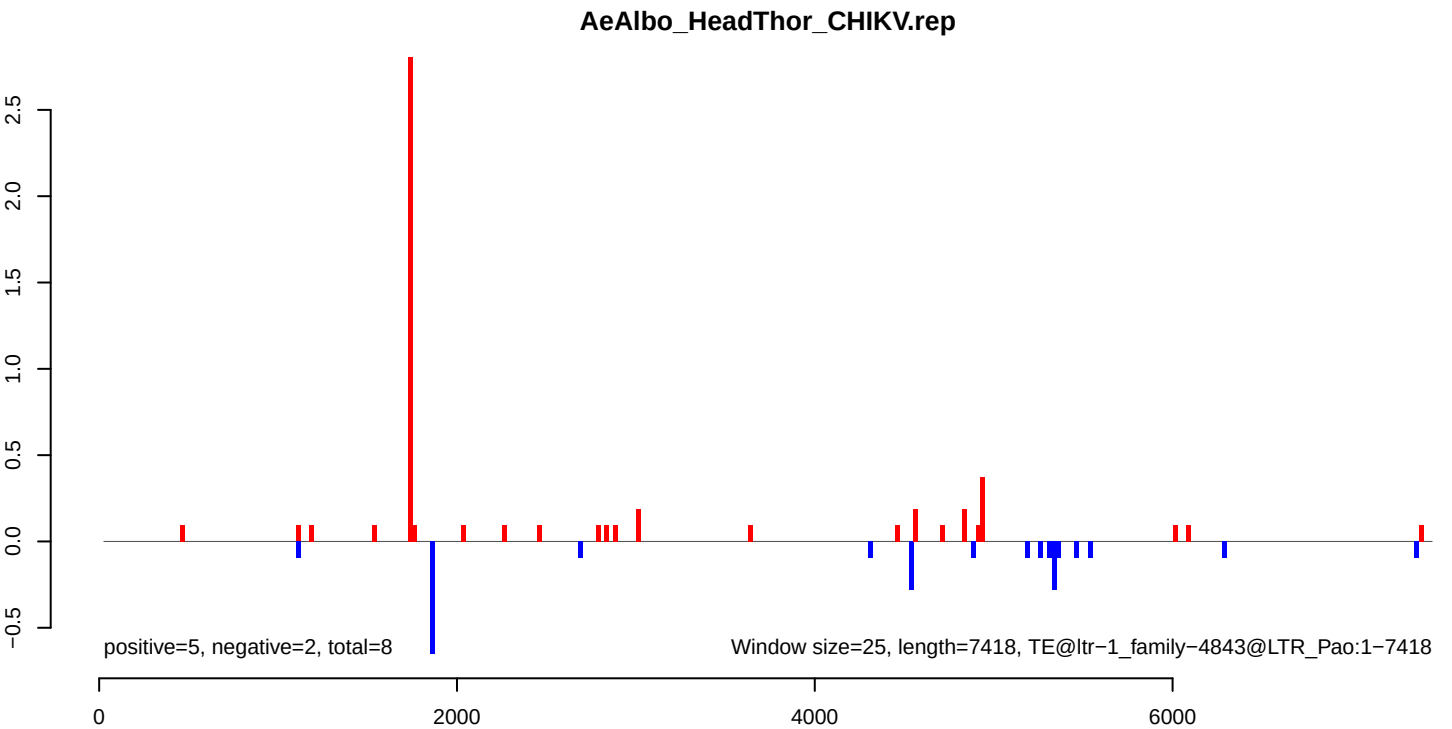

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
positive=13, negative=14, total=27

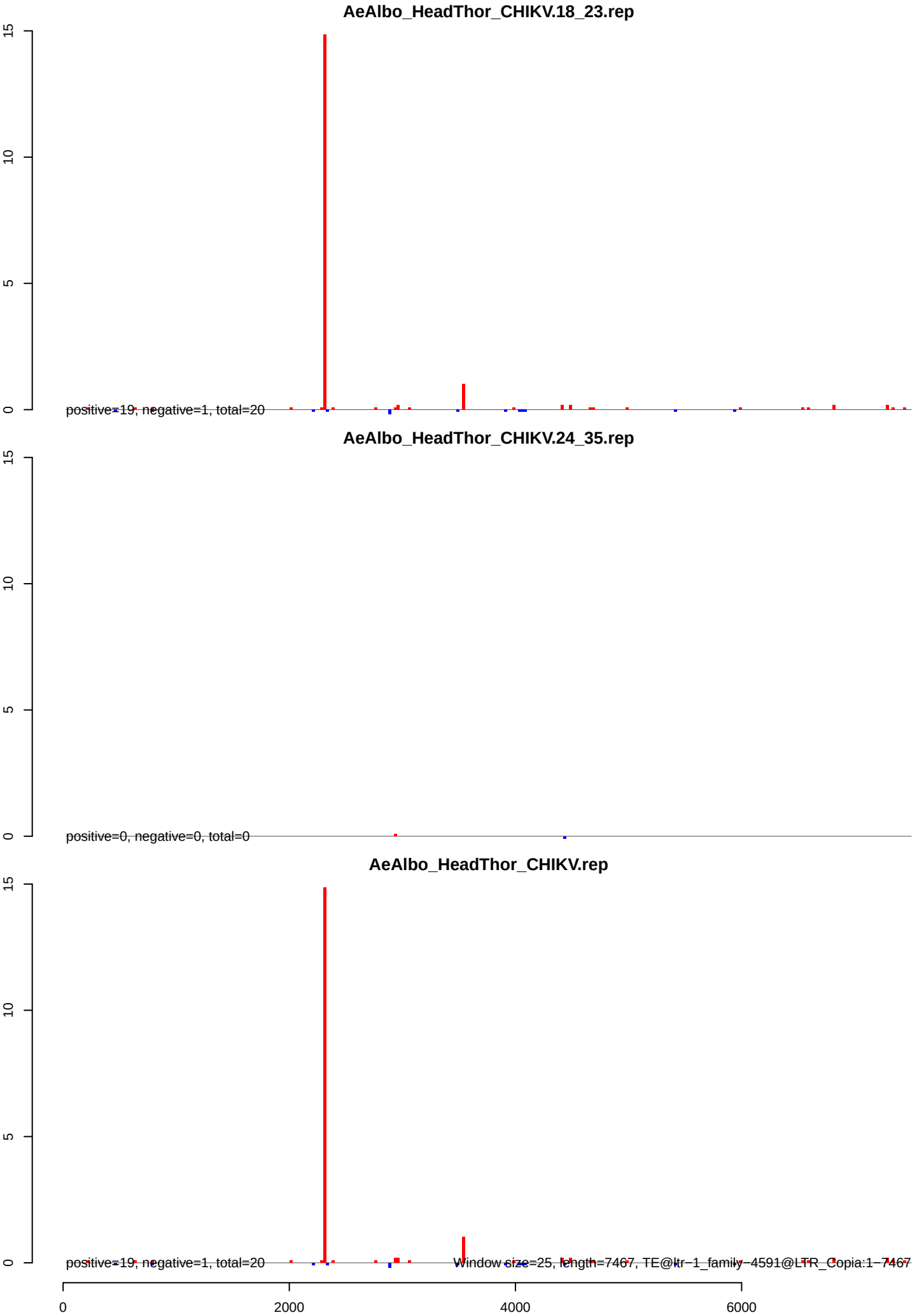

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
positive=1, negative=1, total=1

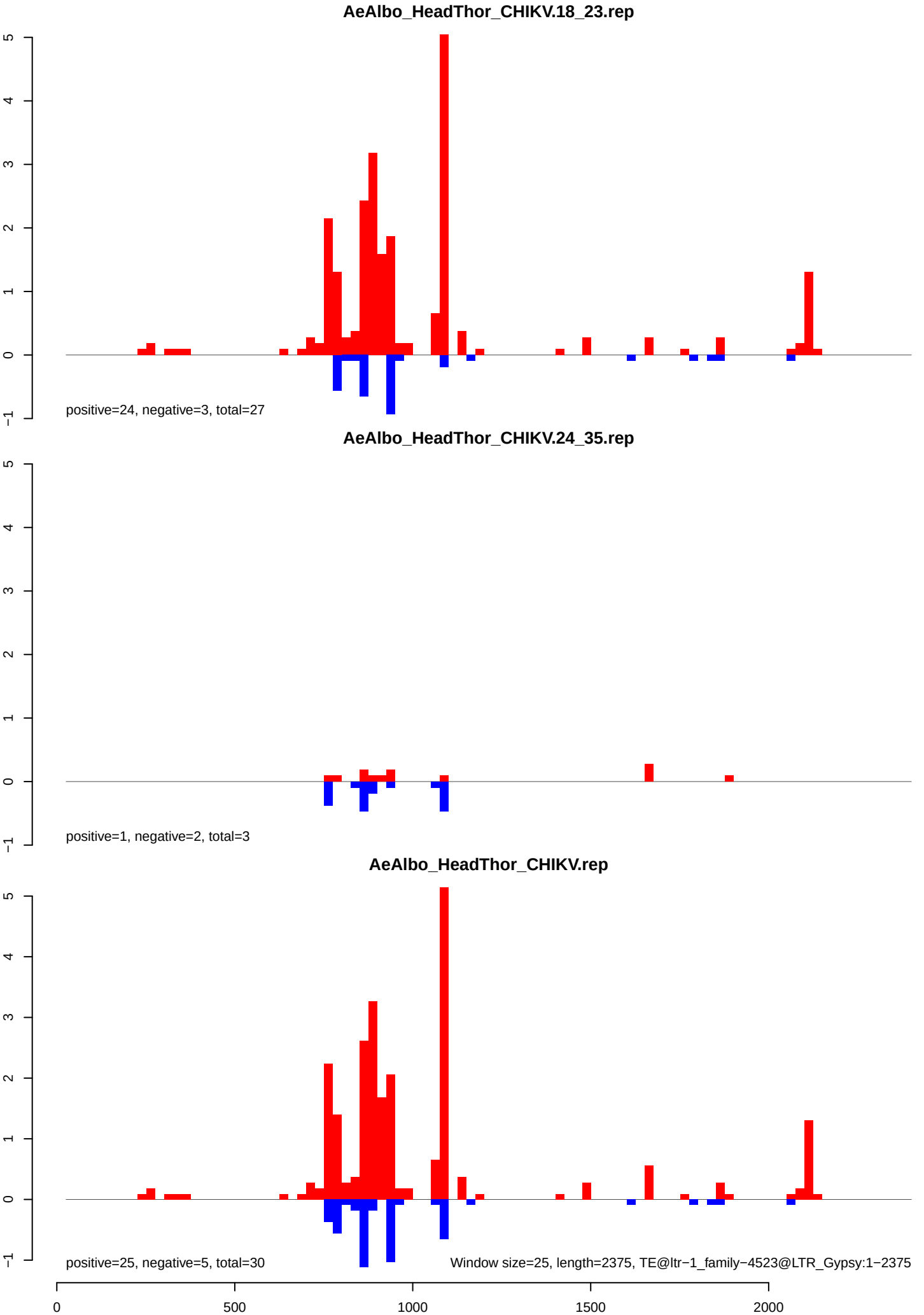

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
−3
positive=13, negative=15, total=28
Window size=25, length=6532, TE@ltr−1_family−4882@LTR_Pao:1−6532
0
1000
2000
3000
4000
5000
6000

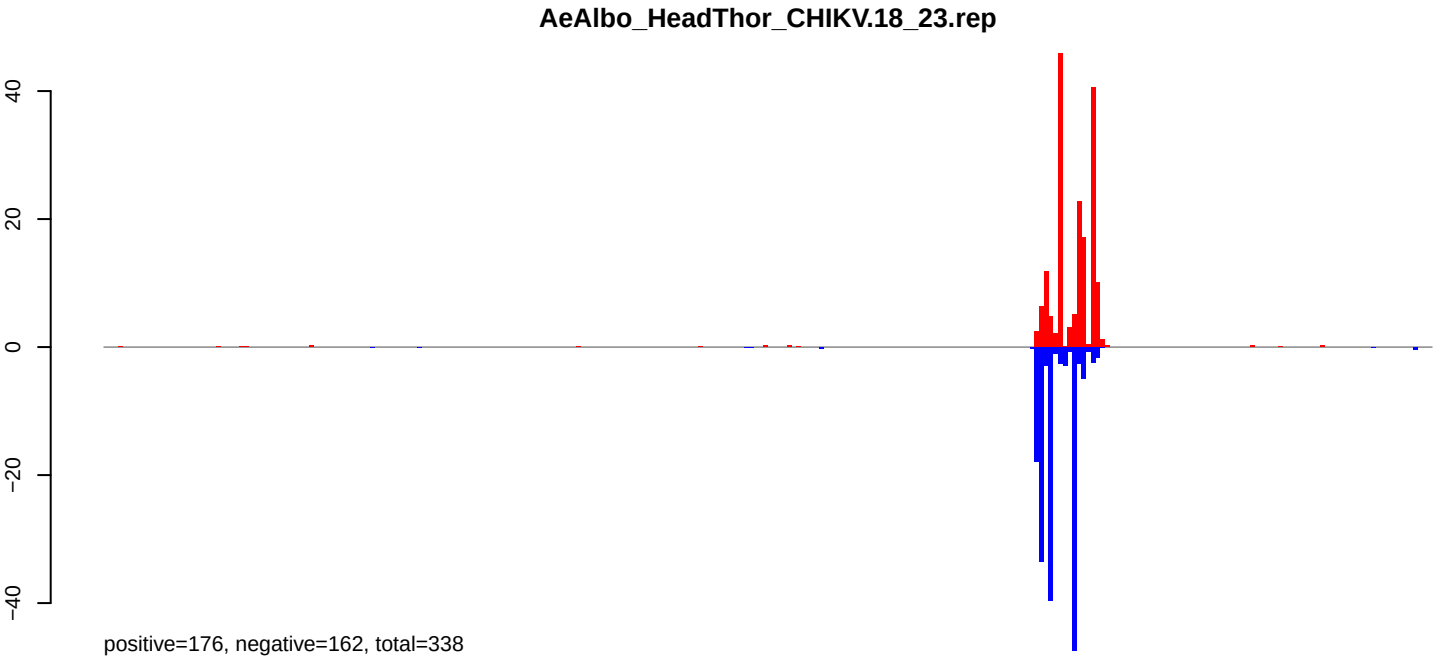

AeAlbo_HeadThor_CHIKV.18_23.rep
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
positive=5, negative=2, total=7

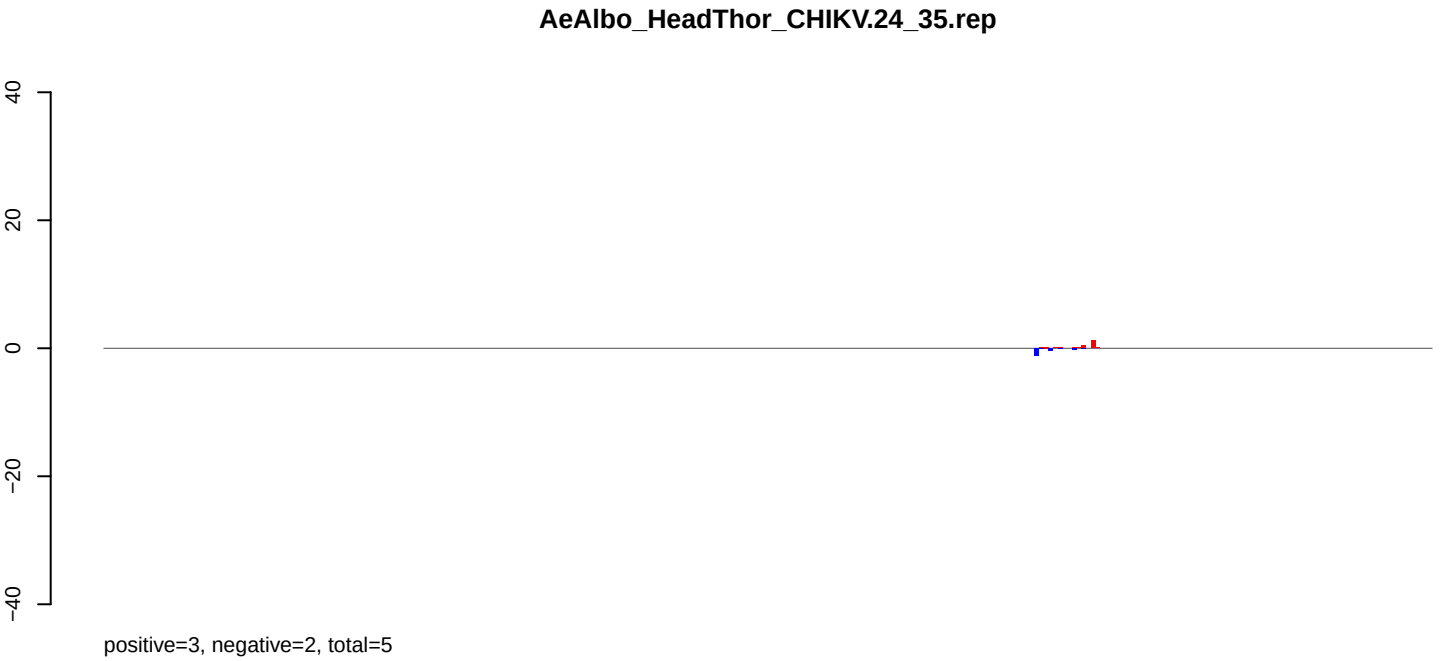

AeAlbo_HeadThor_CHIKV.24_35.rep
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=1, total=1

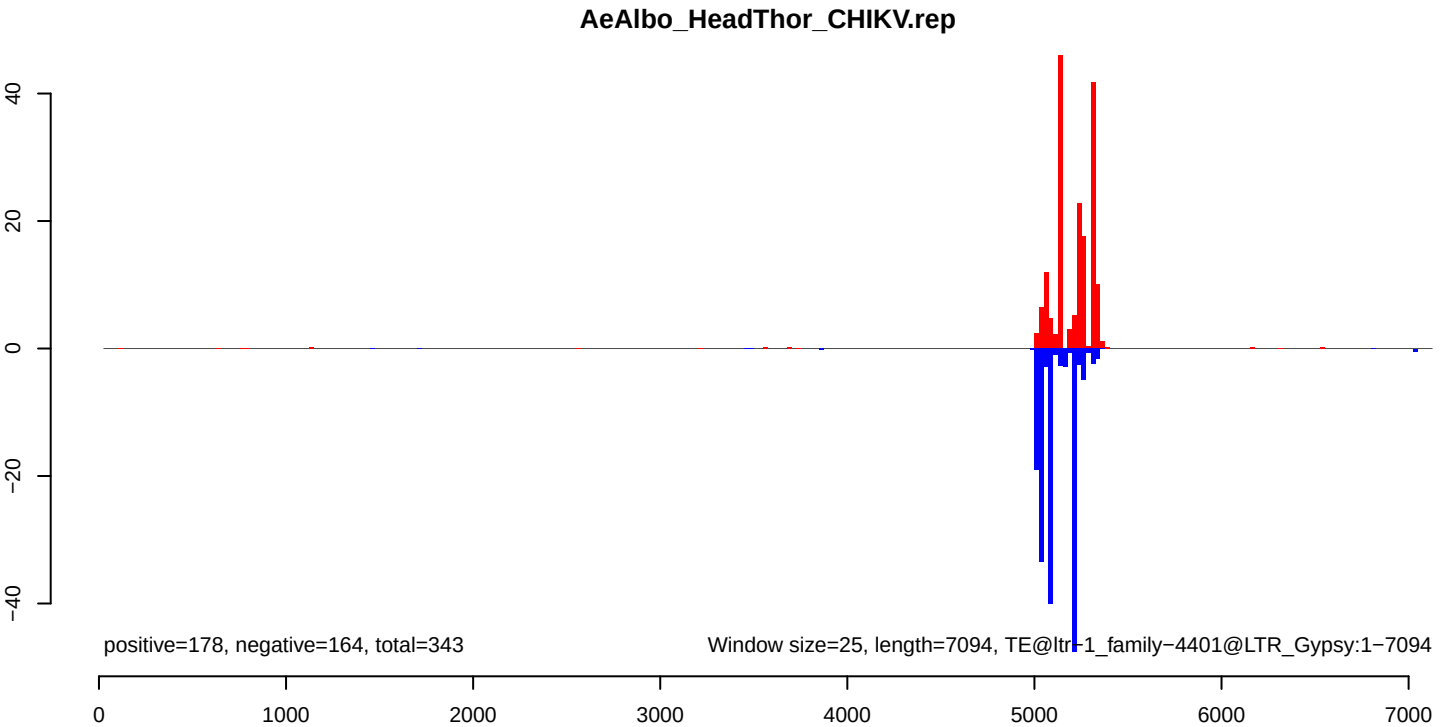

AeAlbo_HeadThor_CHIKV.rep
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
positive=5, negative=2, total=8
Window size=25, length=7418, TE@ltr−1_family−4843@LTR_Pao:1−7418
0
2000
4000
6000

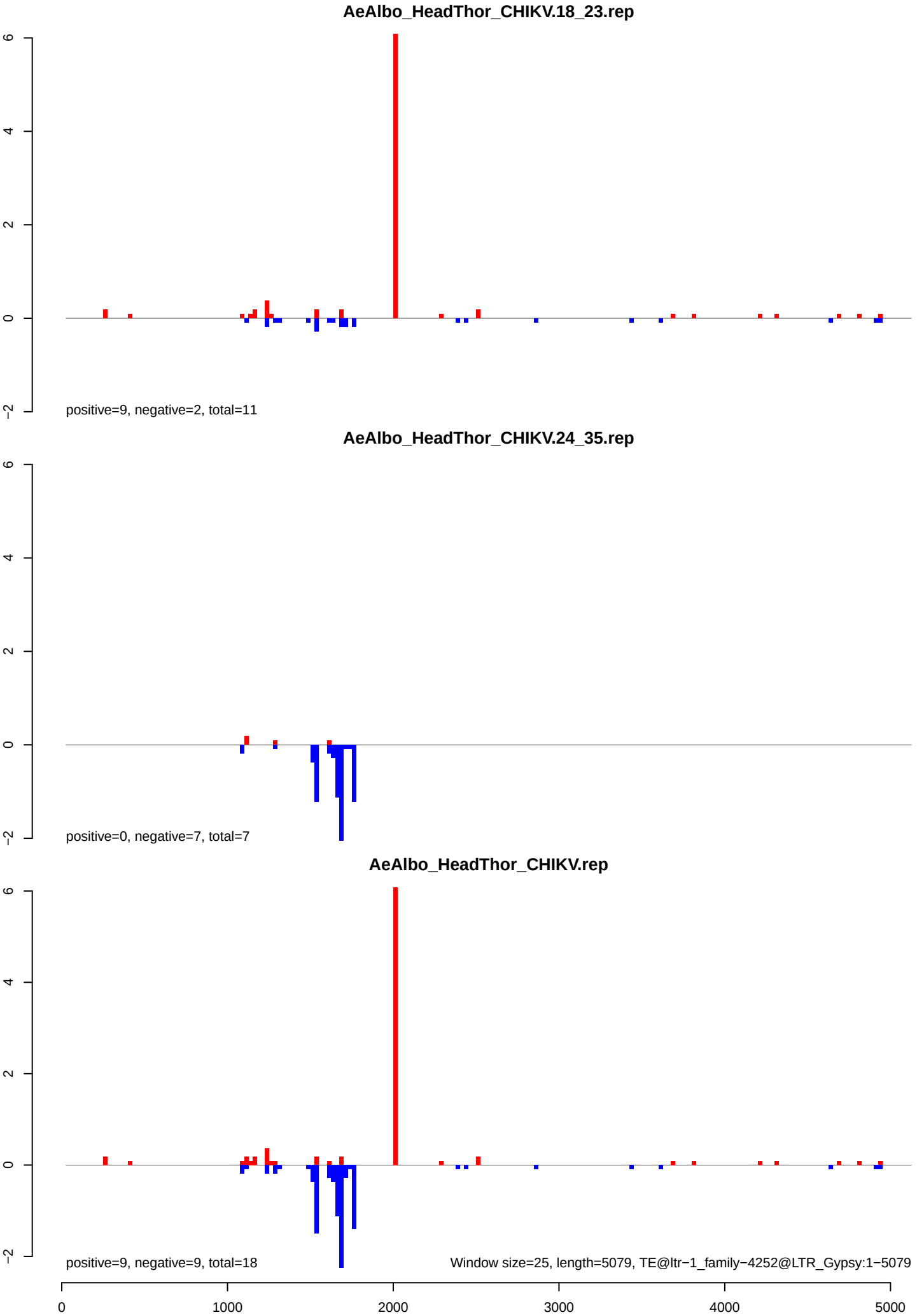

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=19, negative=1, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
positive=19, negative=1, total=20
Window size=25, length=7467, TE@ltr−1_family−4591@LTR_Copia:1−7467
0
2000
4000
6000

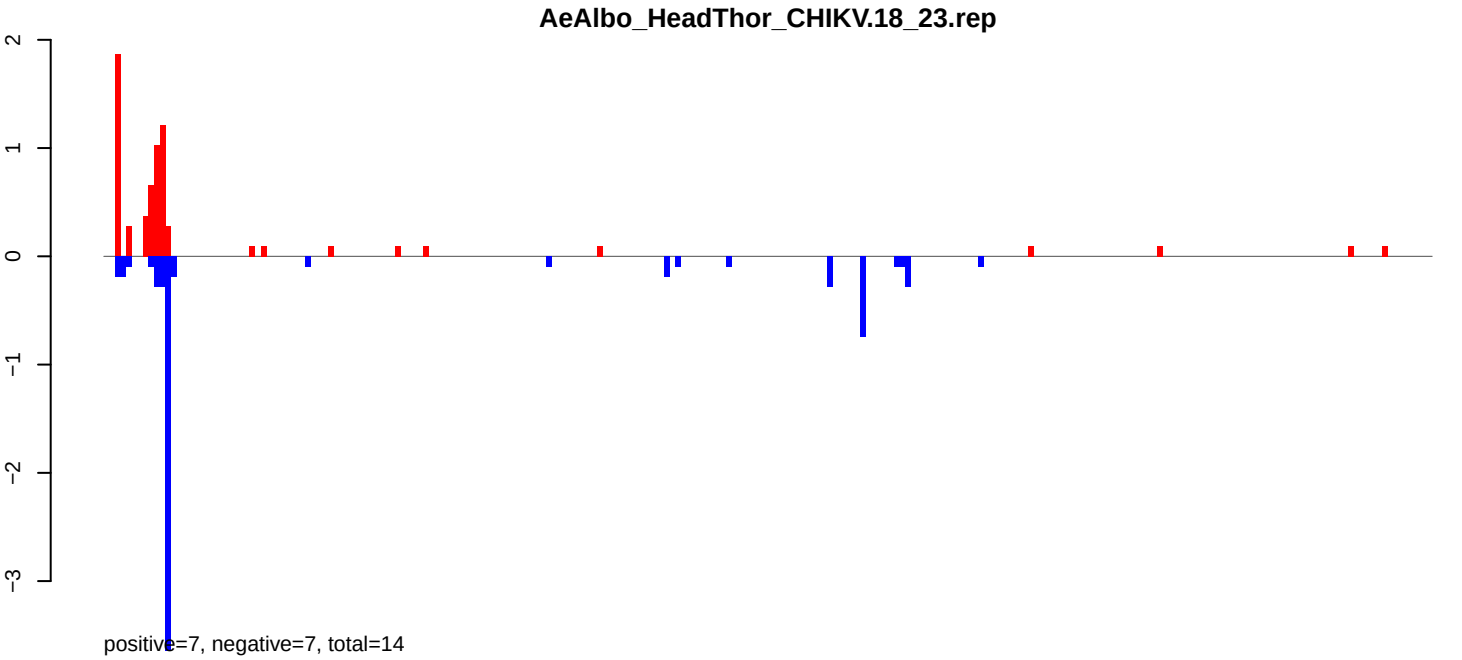

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=24, negative=3, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=25, negative=5, total=30
Window size=25, length=2375, TE@ltr−1_family−4523@LTR_Gypsy:1−2375
0
500
1000
1500
2000

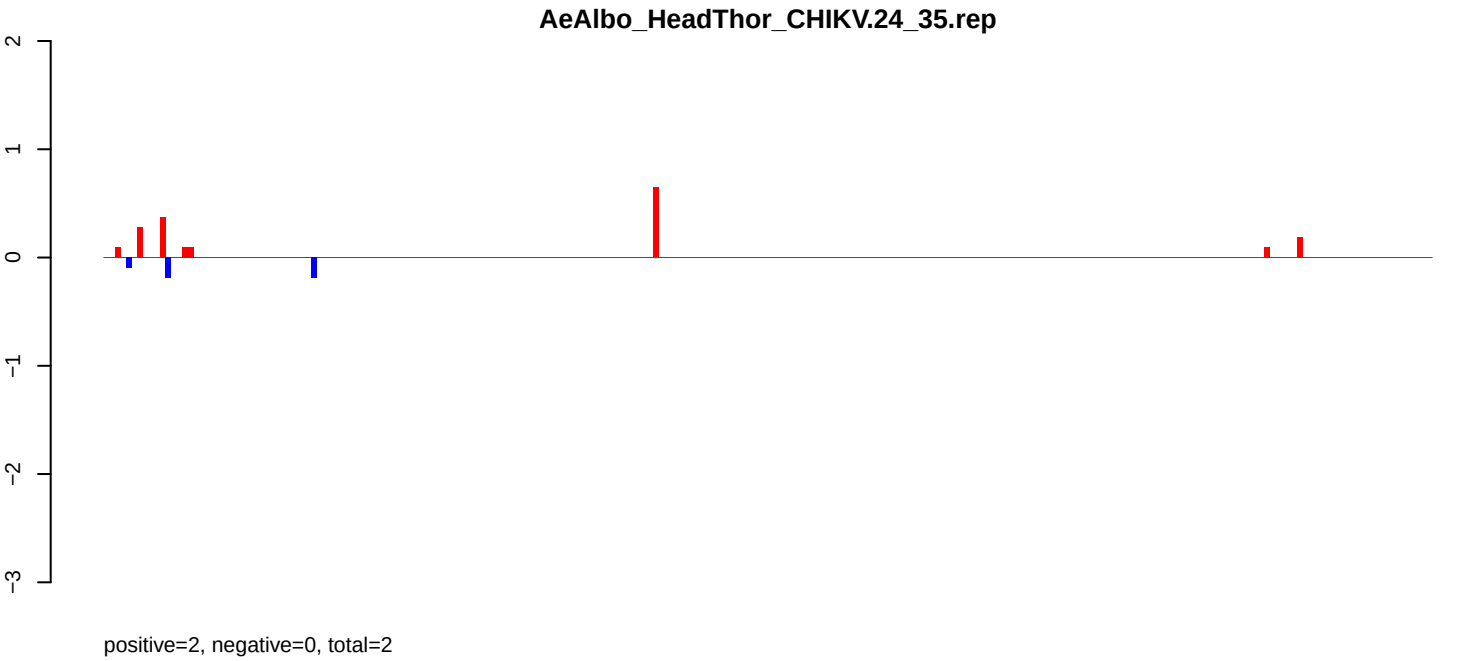

AeAlbo_HeadThor_CHIKV.18_23.rep
40
20
0
−20
−40
positive=176, negative=162, total=338

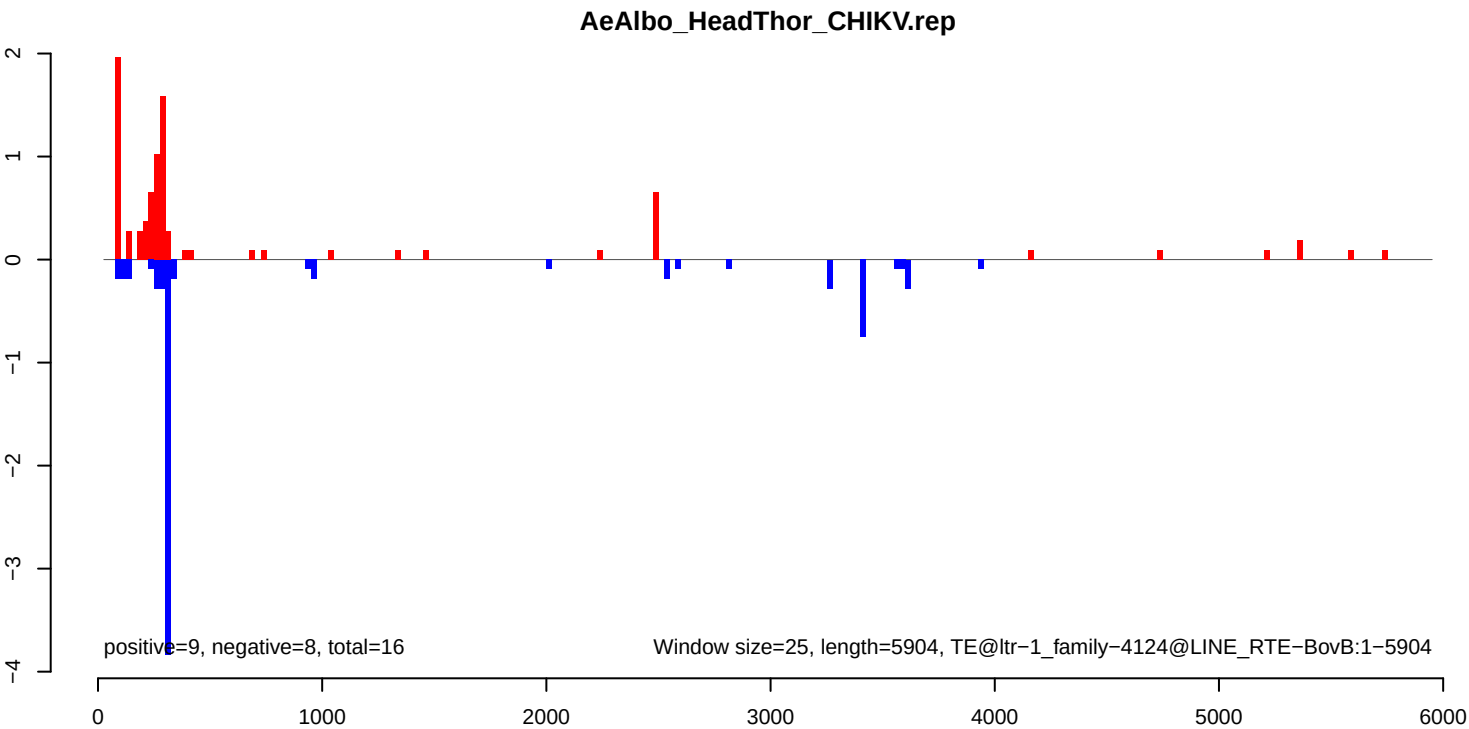

AeAlbo_HeadThor_CHIKV.24_35.rep
40
20
0
−20
−40
positive=3, negative=2, total=5

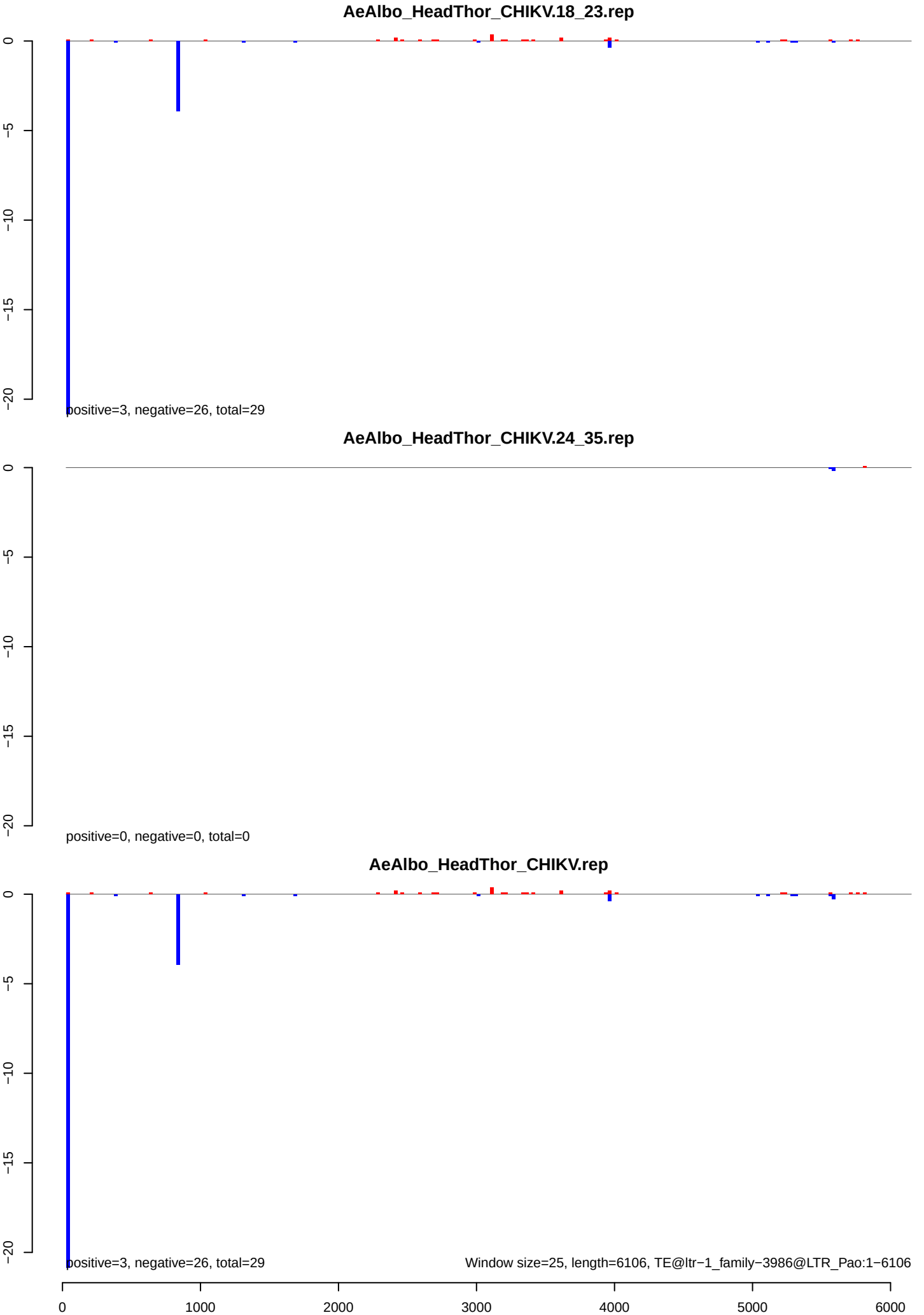

AeAlbo_HeadThor_CHIKV.rep
40
20
0
−20
−40
positive=178, negative=164, total=343
Window size=25, length=7094, TE@ltr-1_family-4401@LTR_Gypsy:1-7094
0
1000
2000
3000
4000
5000
6000
7000

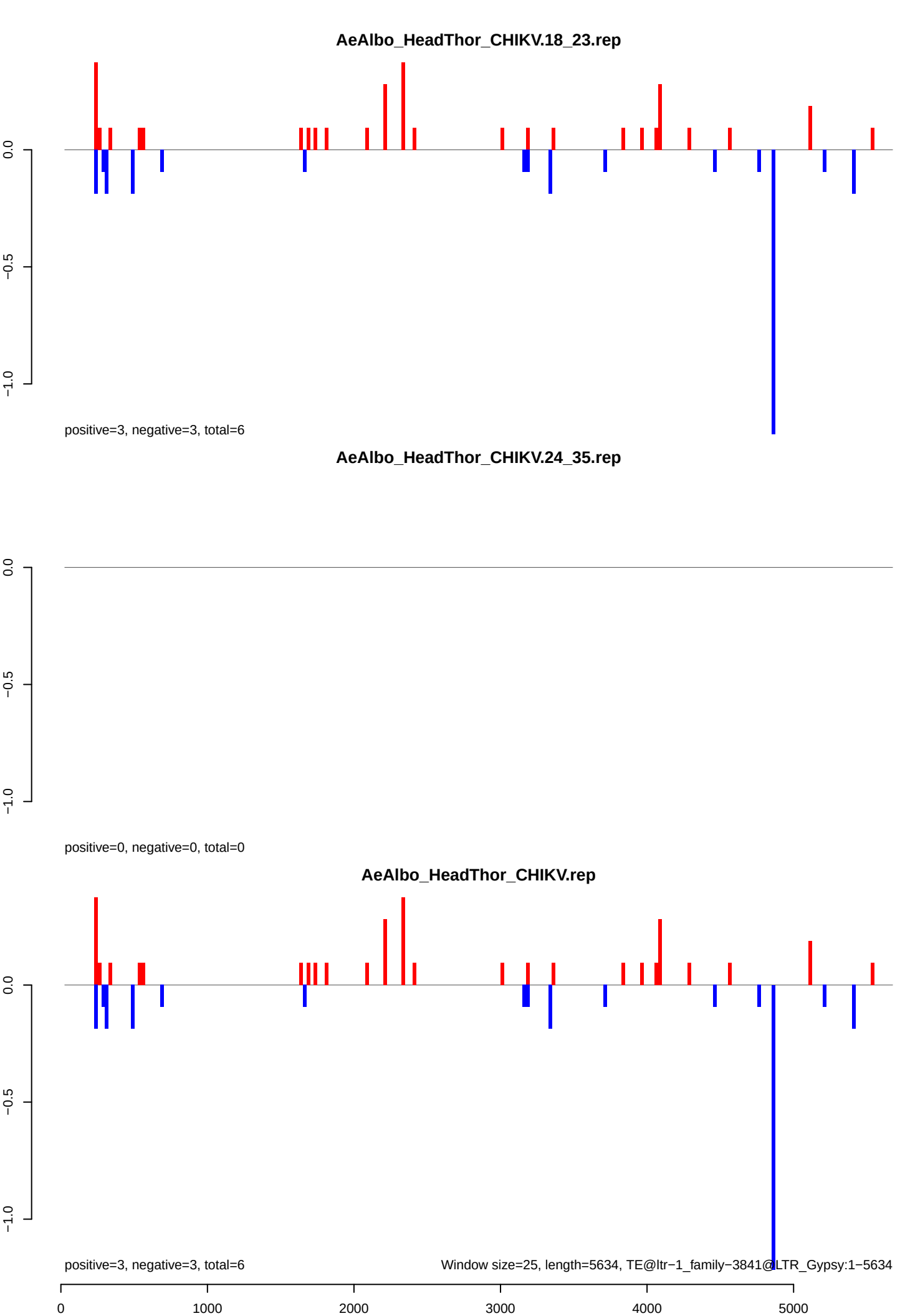

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
positive=9, negative=2, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
positive=0, negative=7, total=7
AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=9, negative=9, total=18
Window size=25, length=5079, TE@ltr−1_family−4252@LTR_Gypsy:1−5079
0
1000
2000
3000
4000
5000

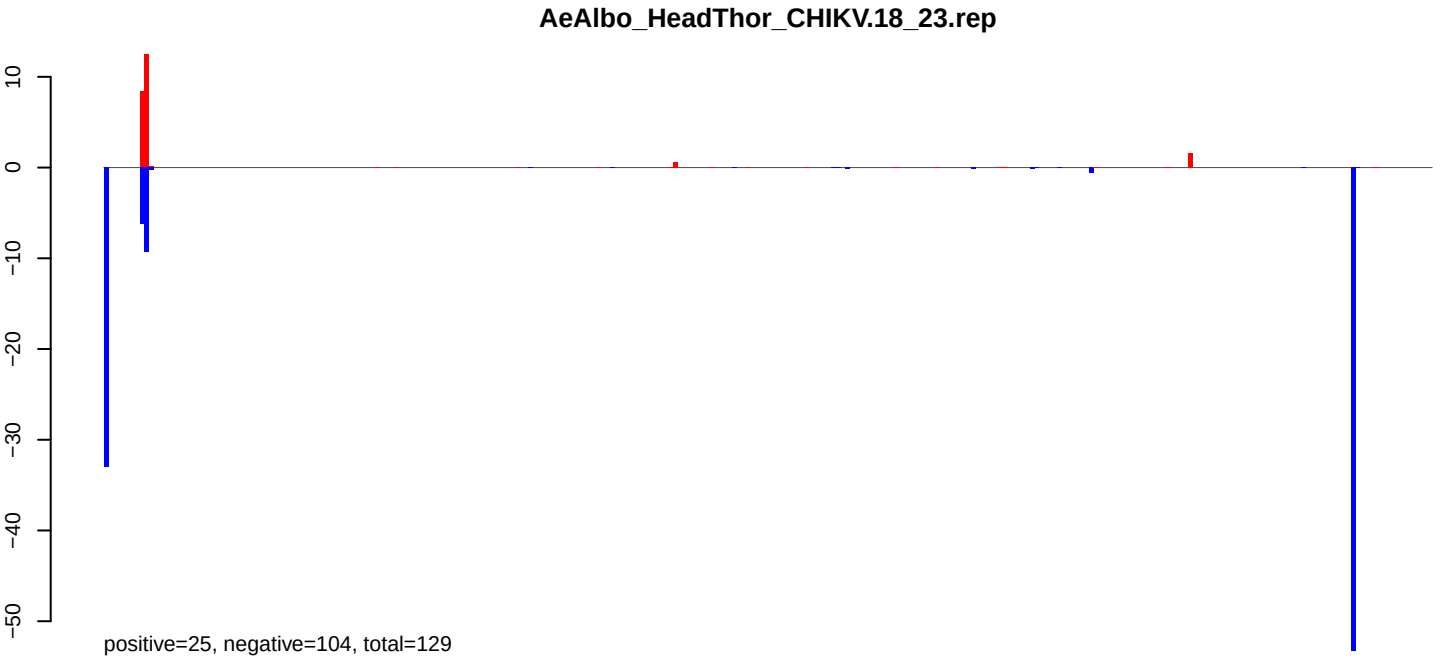

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=7, total=14


AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=0, total=2

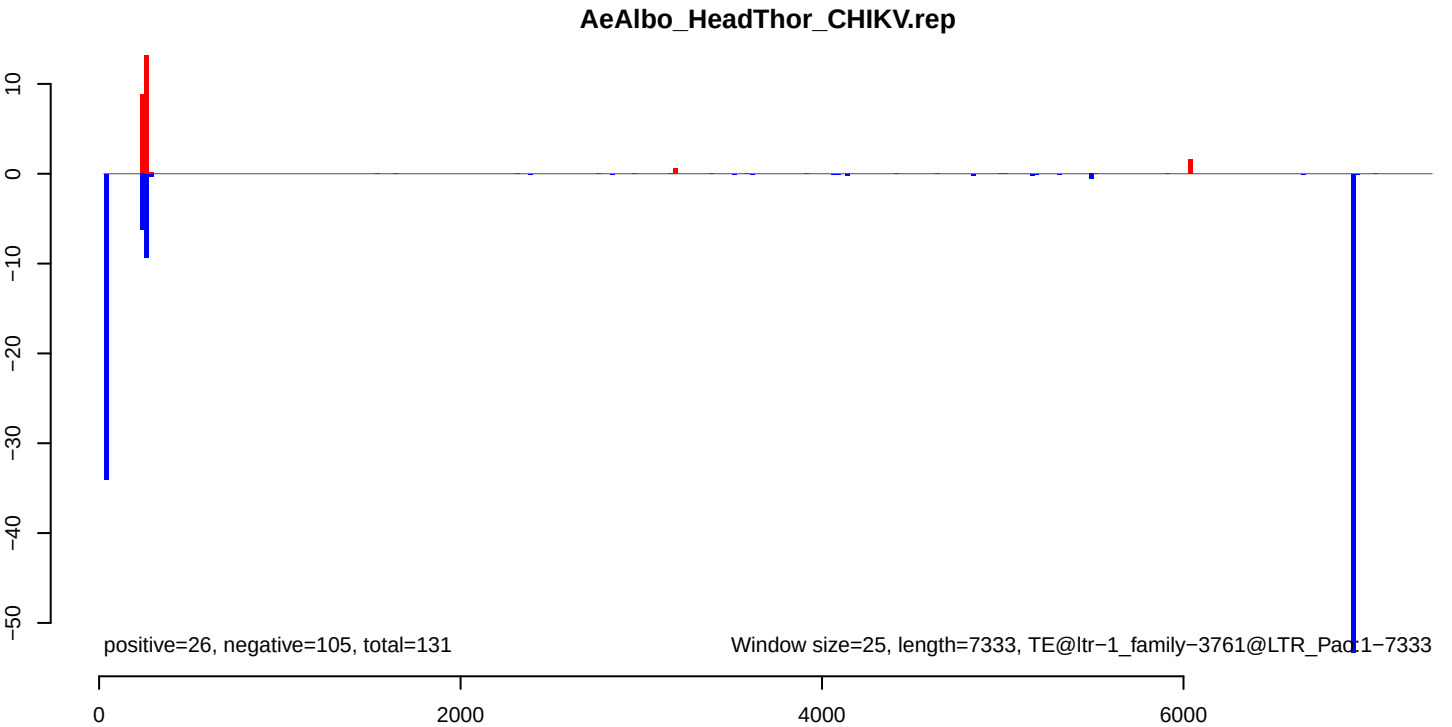

AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=8, total=16
Window size=25, length=5904, TE@ltr−1_family−4124@LINE_RTE−BovB:1−5904
0
1000
2000
3000
4000
5000
6000

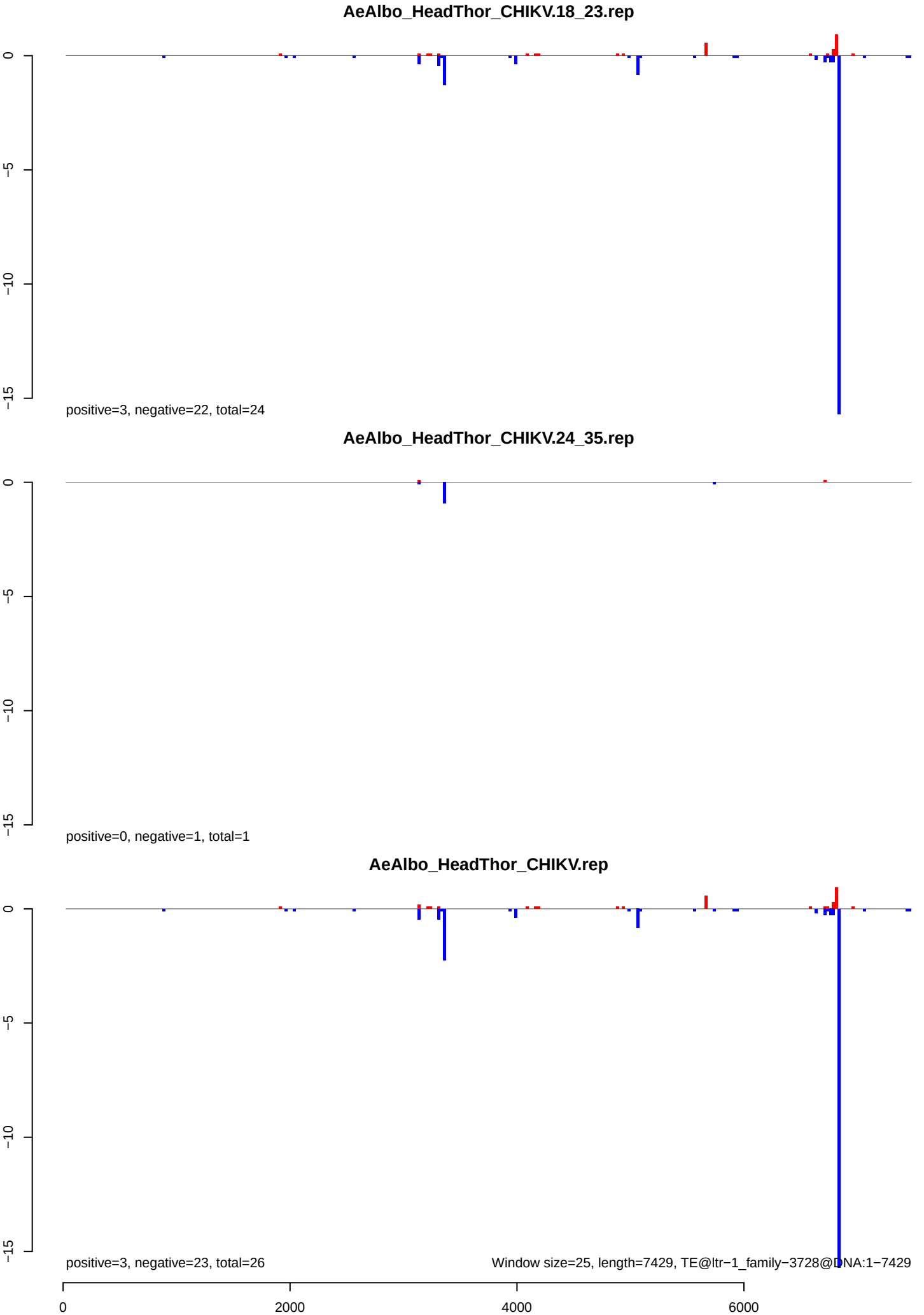

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=26, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=26, total=29
Window size=25, length=6106, TE@ltr−1_family−3986@LTR_Pao:1−6106
0
1000
2000
3000
4000
5000
6000

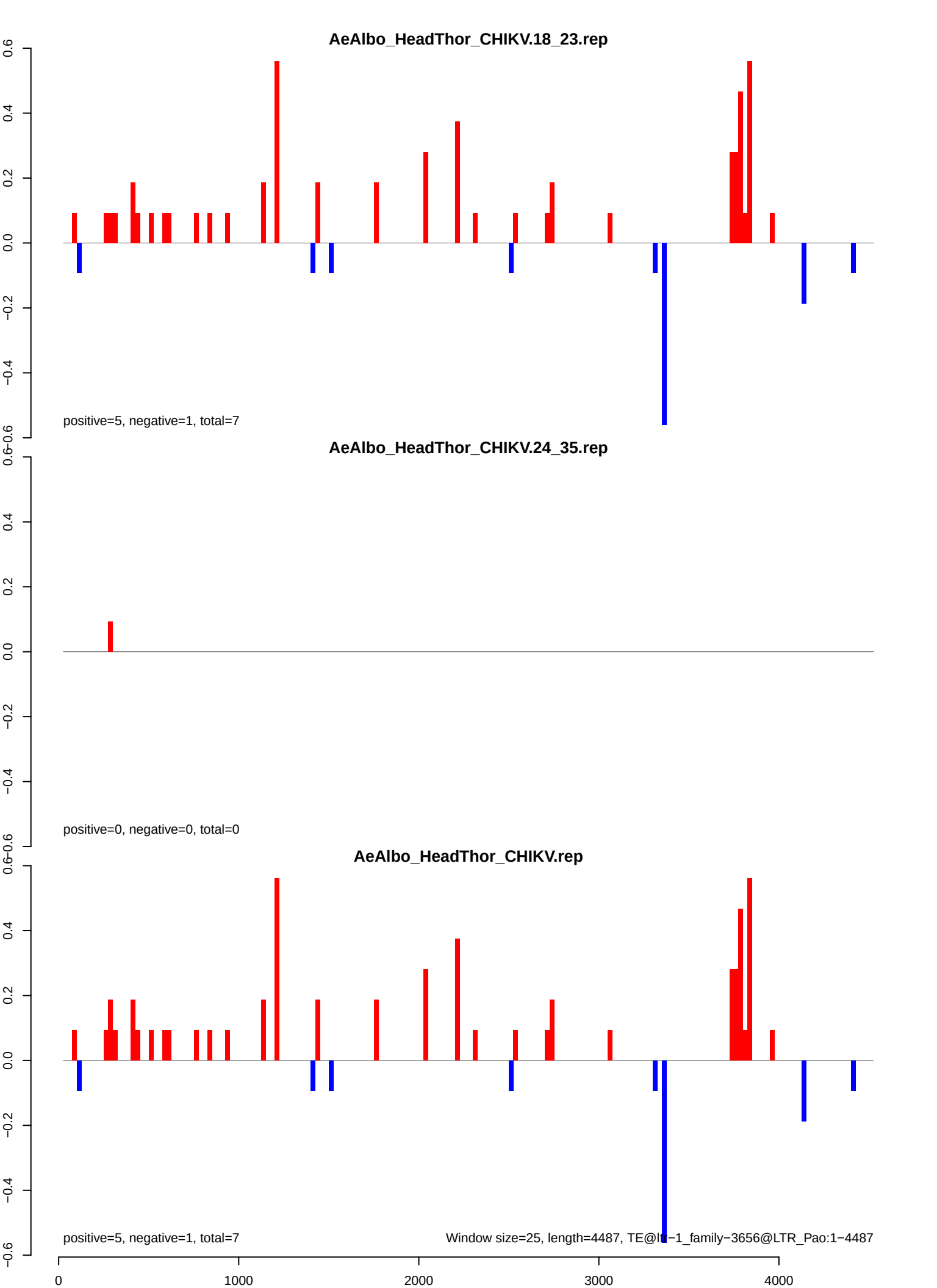

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=3, negative=3, total=6
Window size=25, length=5634, TE@ltr−1_family−3841@LTR_Gypsy:1−5634
0
1000
2000
3000
4000
5000

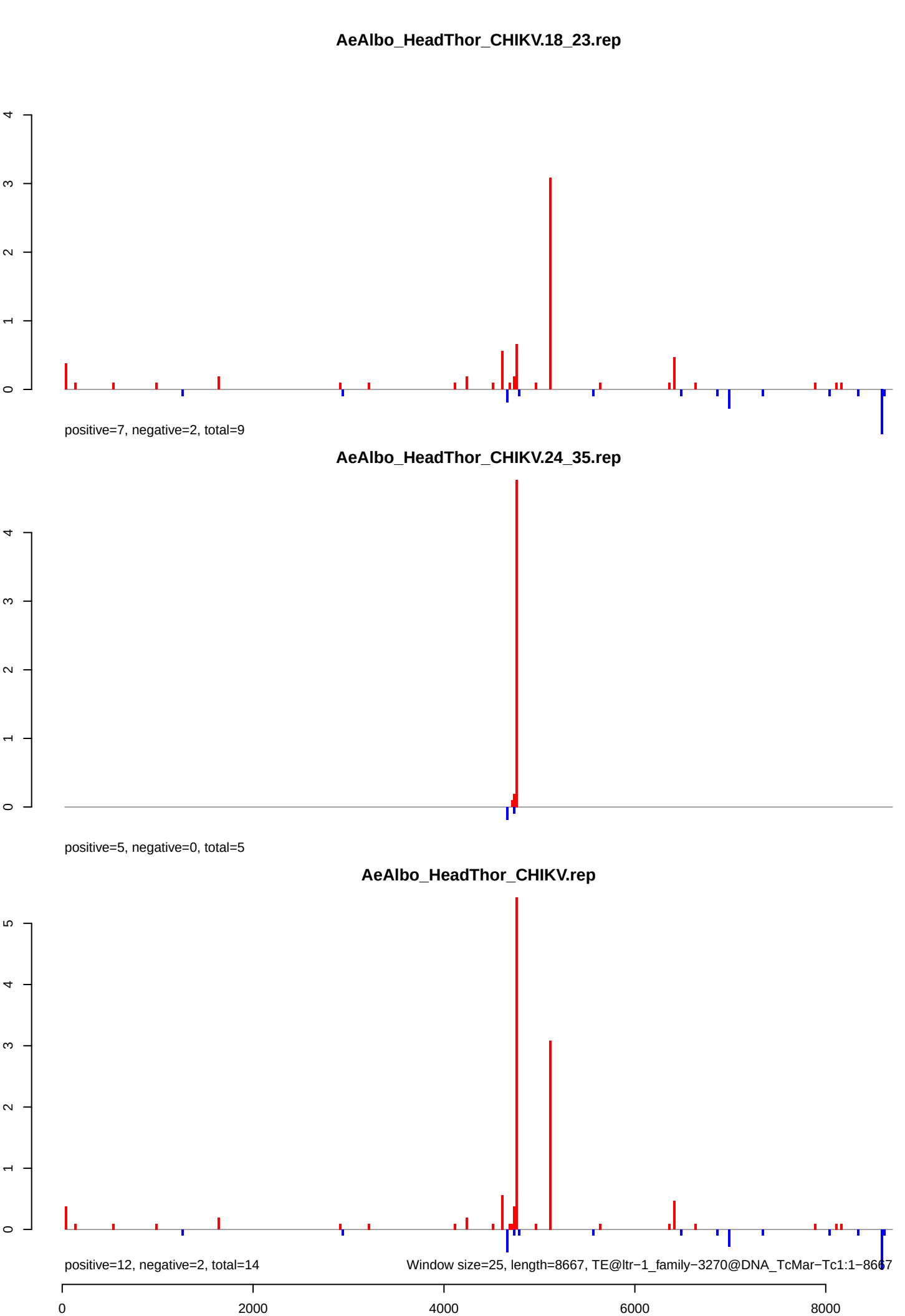

AeAlbo_HeadThor_CHIKV.18_23.rep
10
0
−10
−20
−30
−40
−50
positive=25, negative=104, total=129

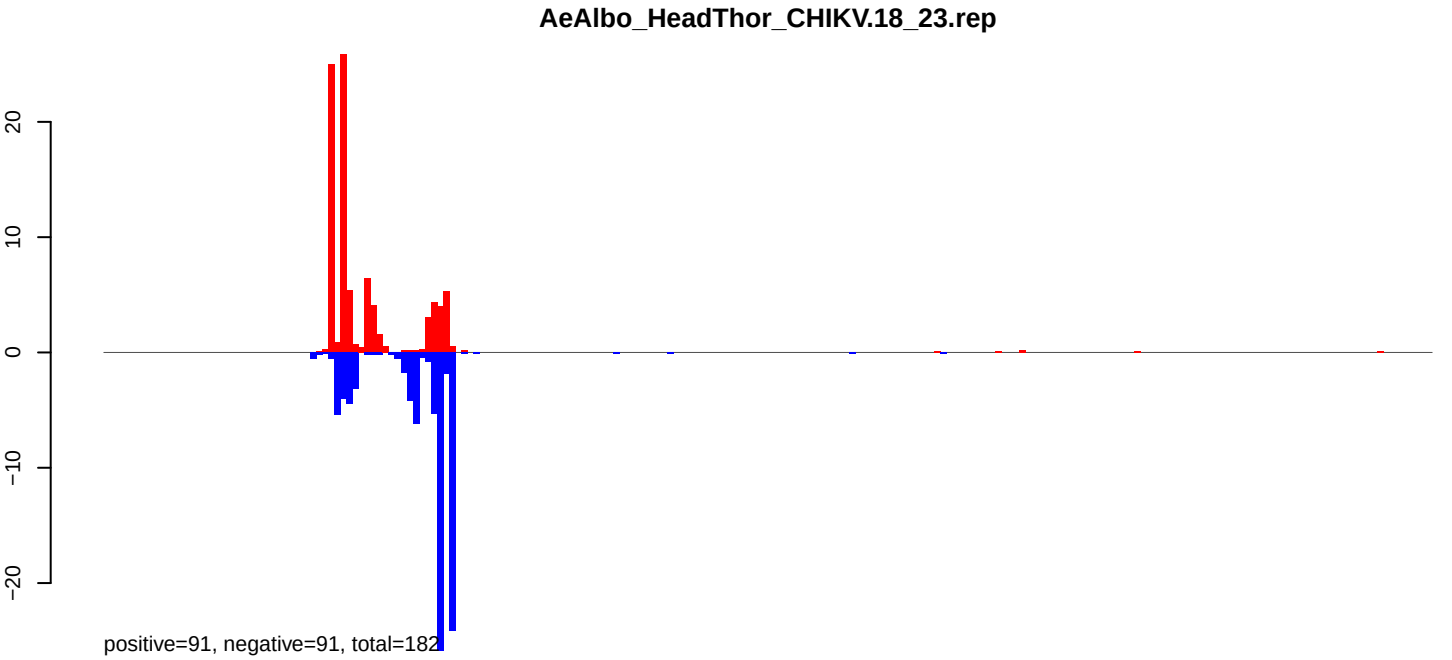
AeAlbo_HeadThor_CHIKV.24_35.rep
10
0
−10
−20
−30
−40
−50
positive=1, negative=1, total=2

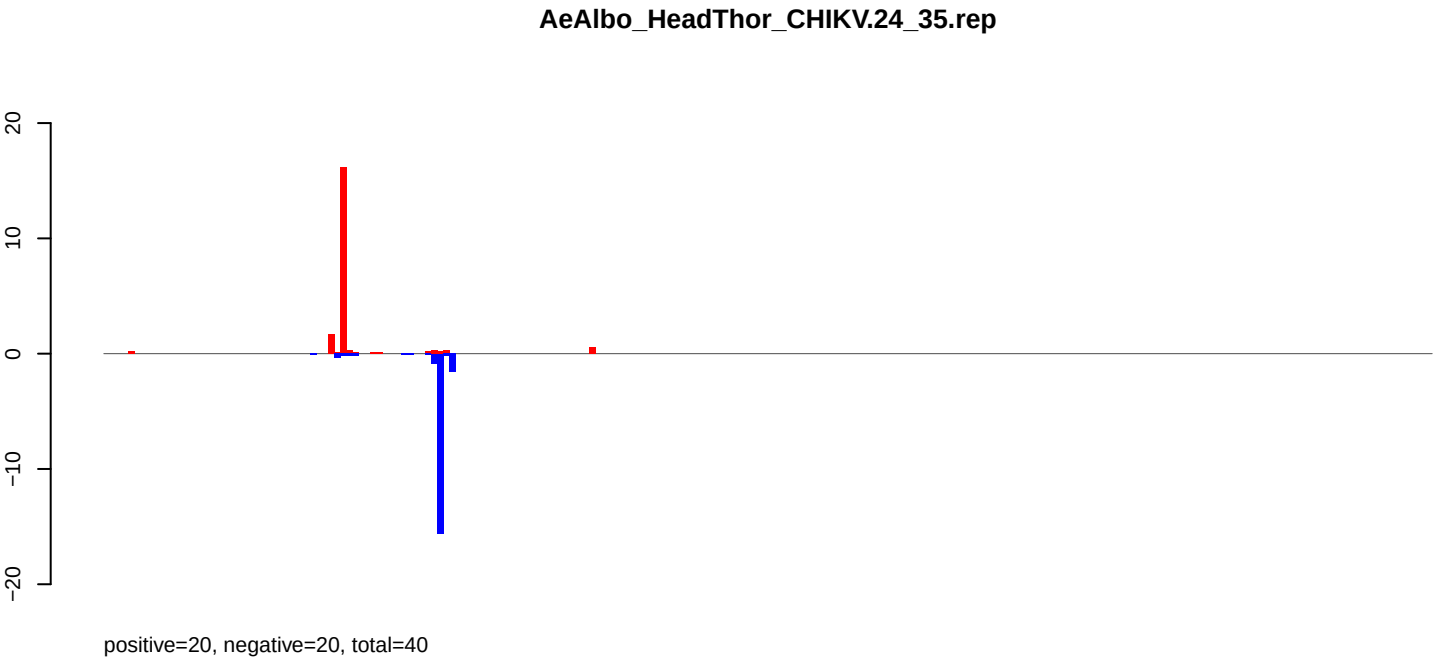

AeAlbo_HeadThor_CHIKV.rep
10
0
−10
−20
−30
−40
−50
positive=26, negative=105, total=131
Window size=25, length=7333, TE@ltr−1_family−3761@LTR_Pao1−7333
0
2000
4000
6000

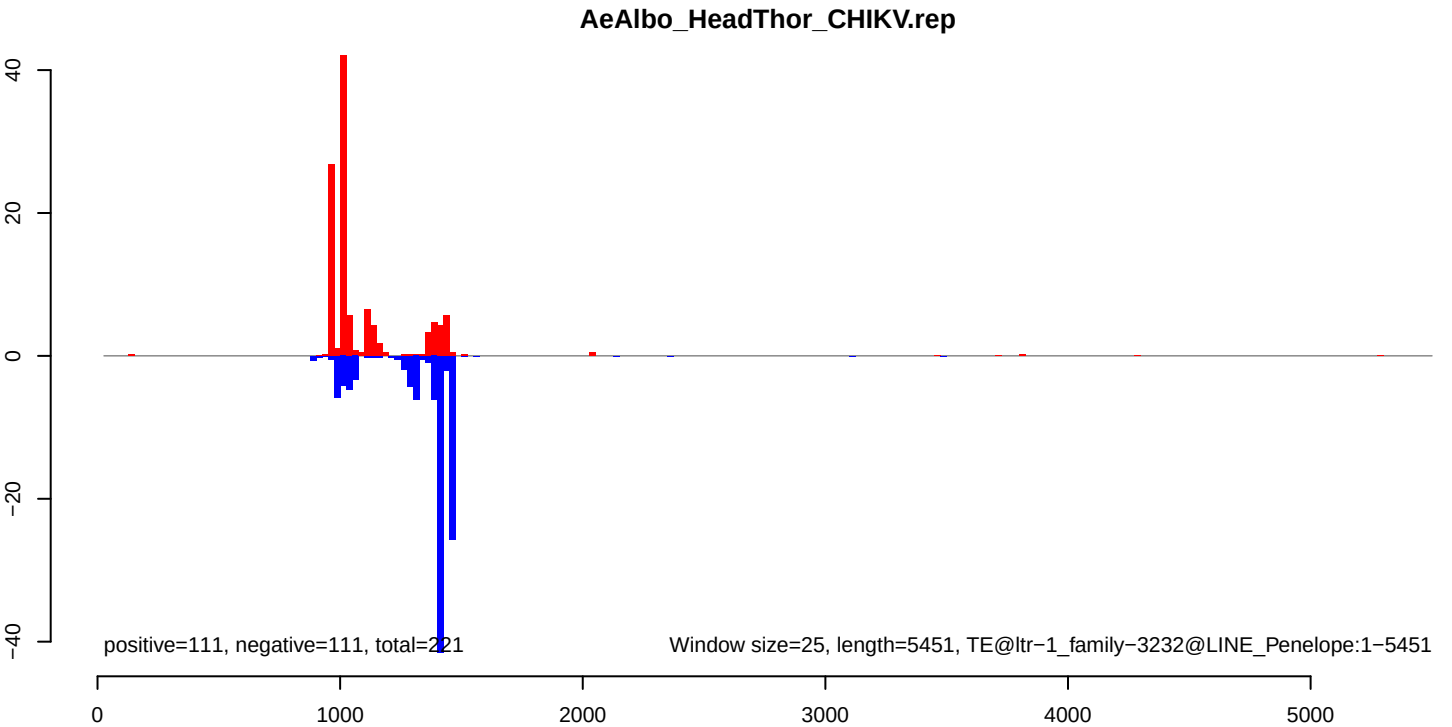

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=3, negative=22, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=3, negative=23, total=26
Window size=25, length=7429, TE@ltr−1_family−3728@DNA:1−7429
0
2000
4000
6000

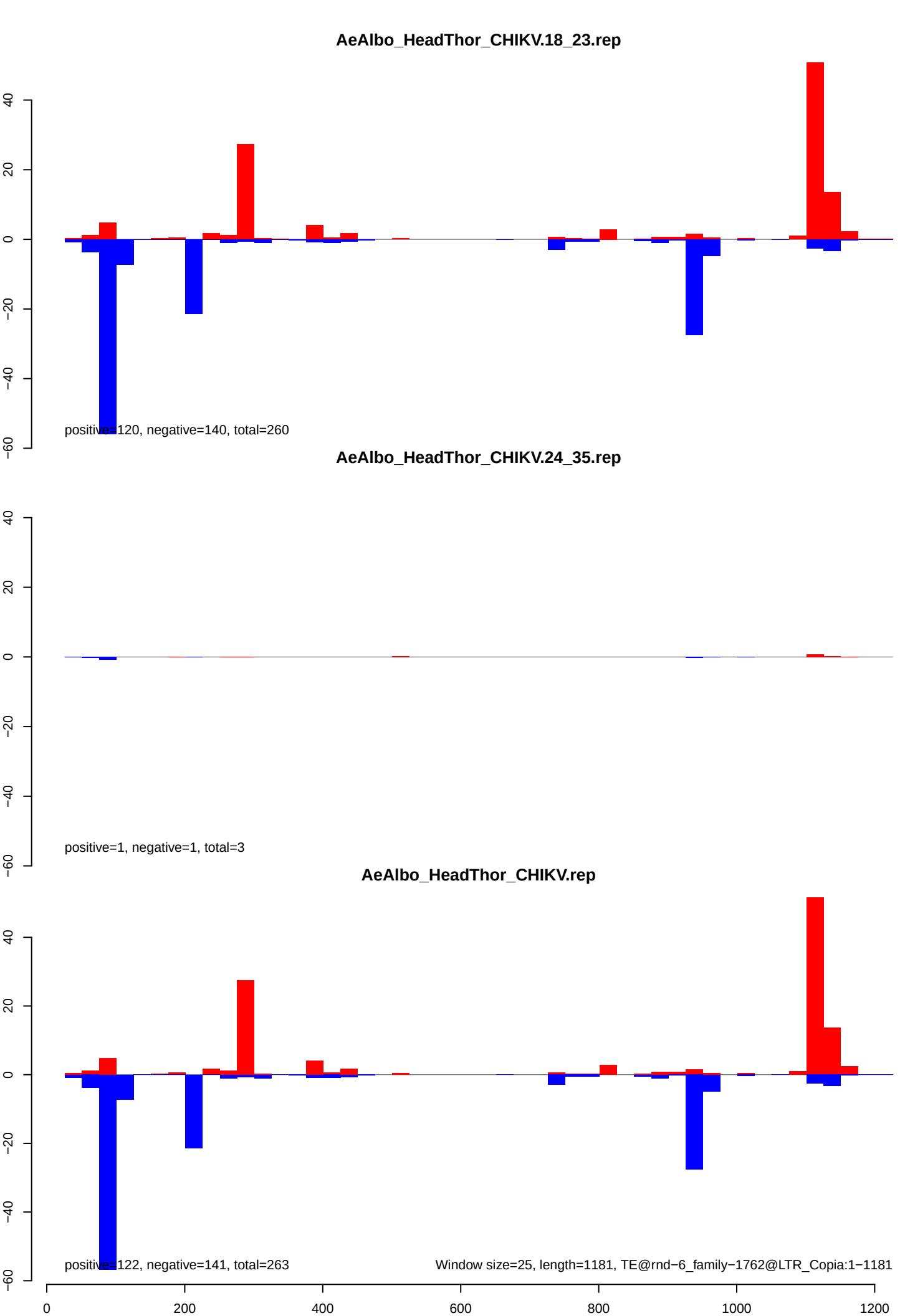

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=1, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=1, total=7
Window size=25, length=4487, TE@ltr−1_family−3656@LTR_Pao:1−4487
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000

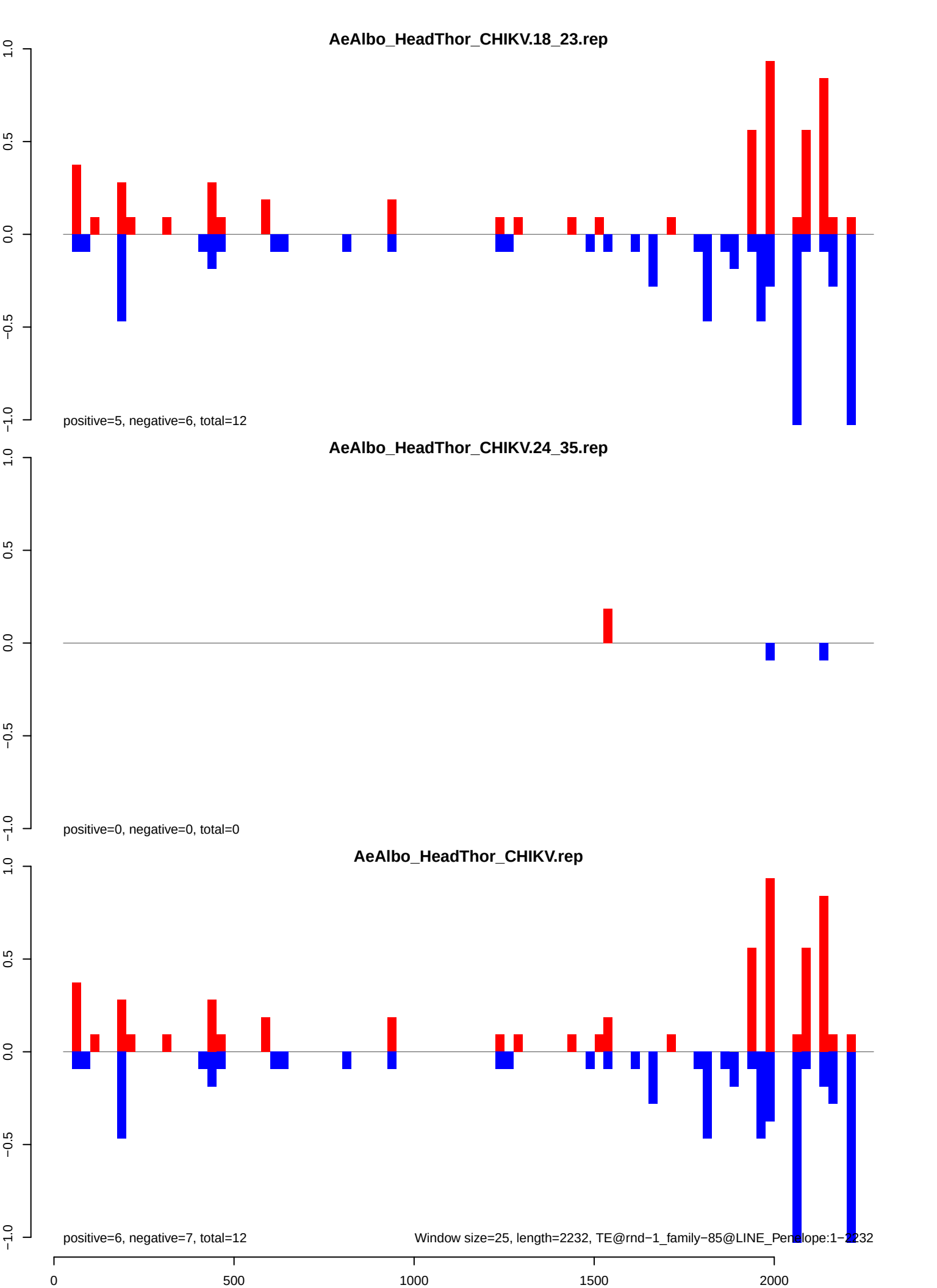

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=7, negative=2, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=5, negative=0, total=5
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=12, negative=2, total=14
Window size=25, length=8667, TE@ltr−1_family−3270@DNA_TcMar−Tc1:1−8667
0
2000
4000
6000
8000

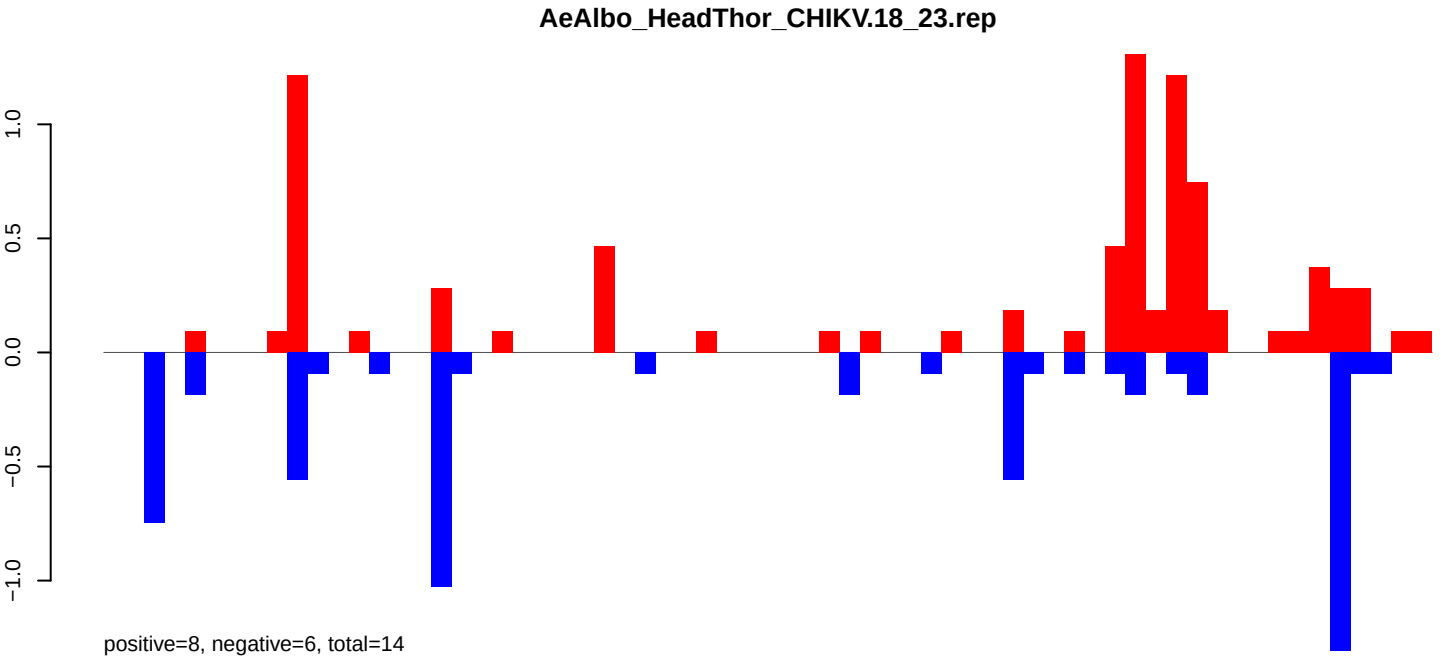

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=91, negative=91, total=182

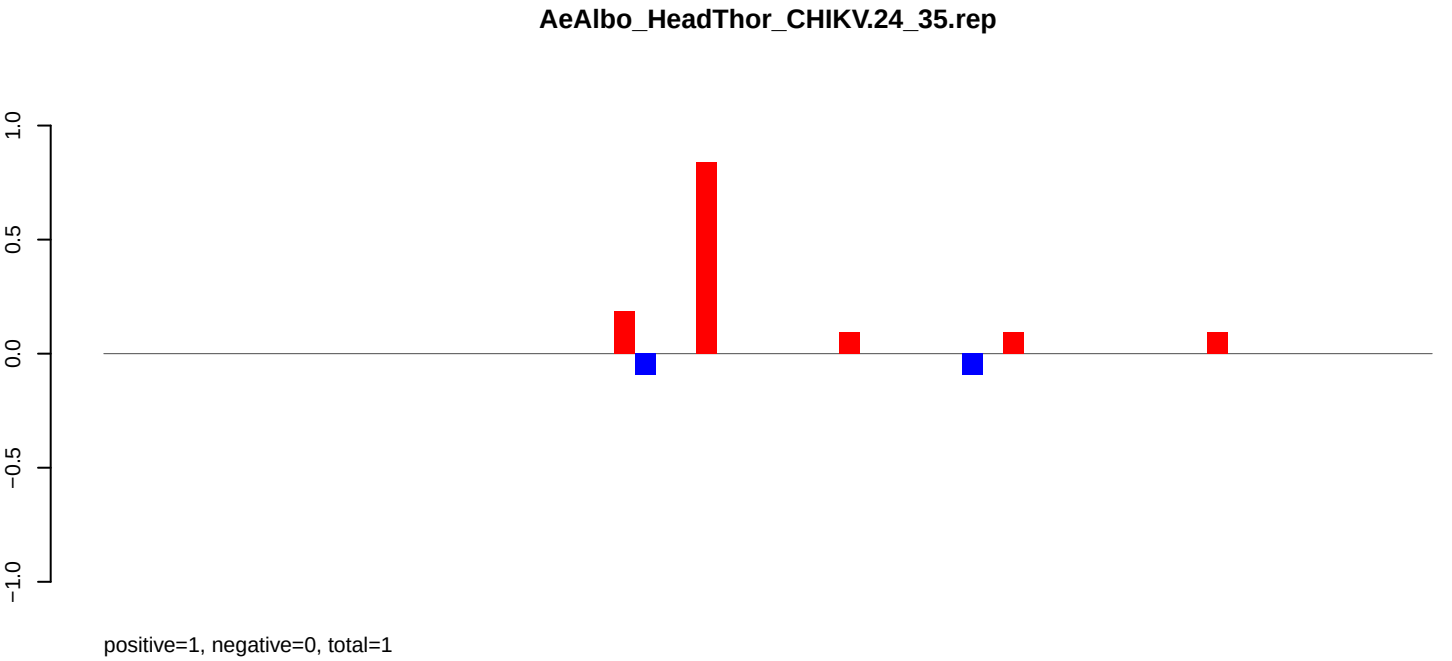

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=20, negative=20, total=40

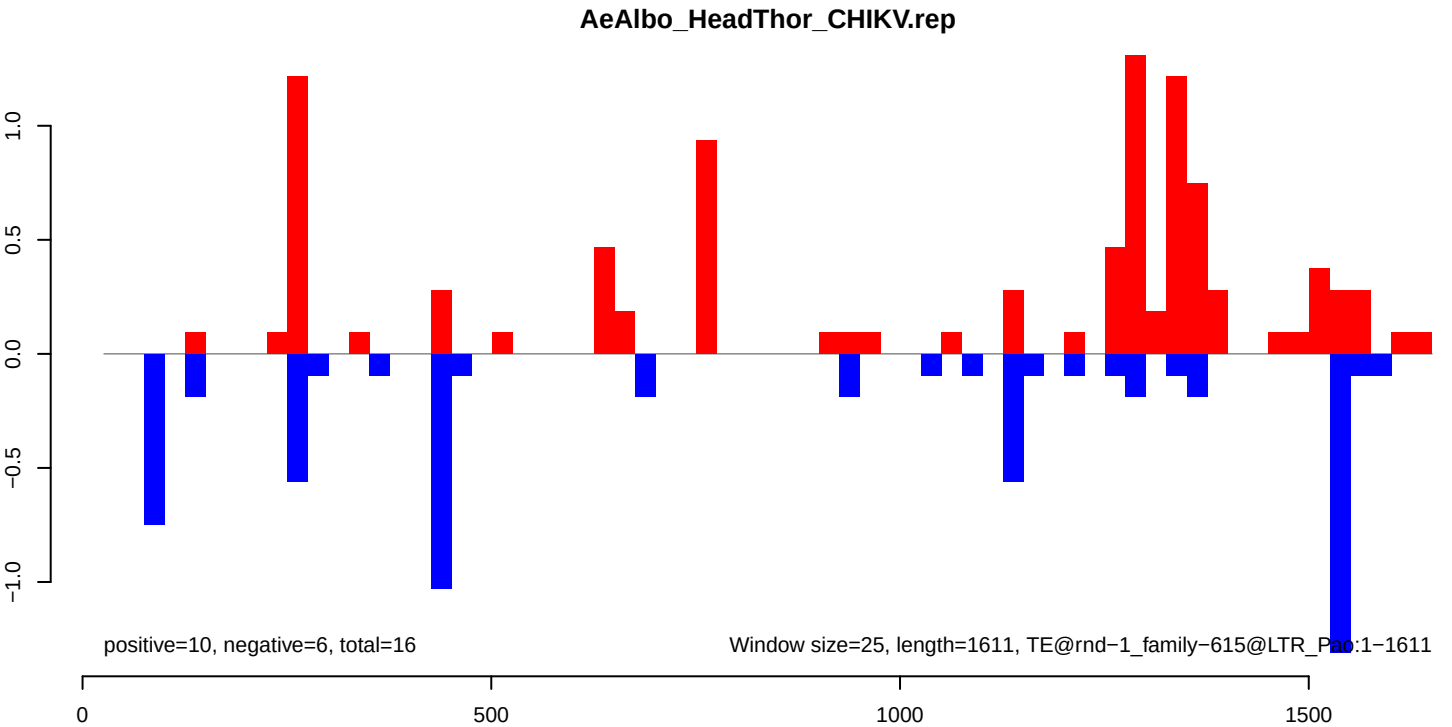

AeAlbo_HeadThor_CHIKV.rep
40
20
0
−20
−40
positive=111, negative=111, total=221
Window size=25, length=5451, TE@ltr−1_family−3232@LINE_Penelope:1−5451
0
1000
2000
3000
4000
5000

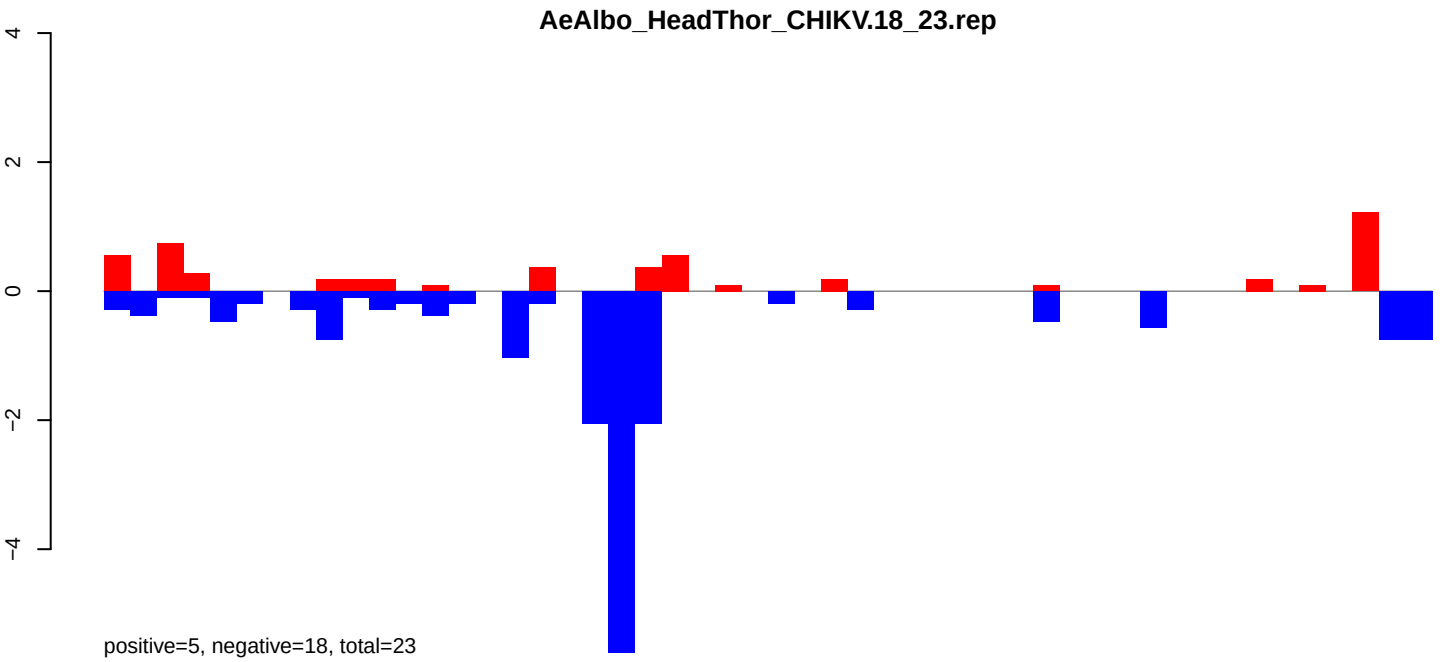

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=120, negative=140, total=260
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=122, negative=141, total=263
Window size=25, length=1181, TE@rnd−6_family−1762@LTR_Copia:1−1181
40
20
0
−20
−40
−60
0
200
400
600
800
1000
1200

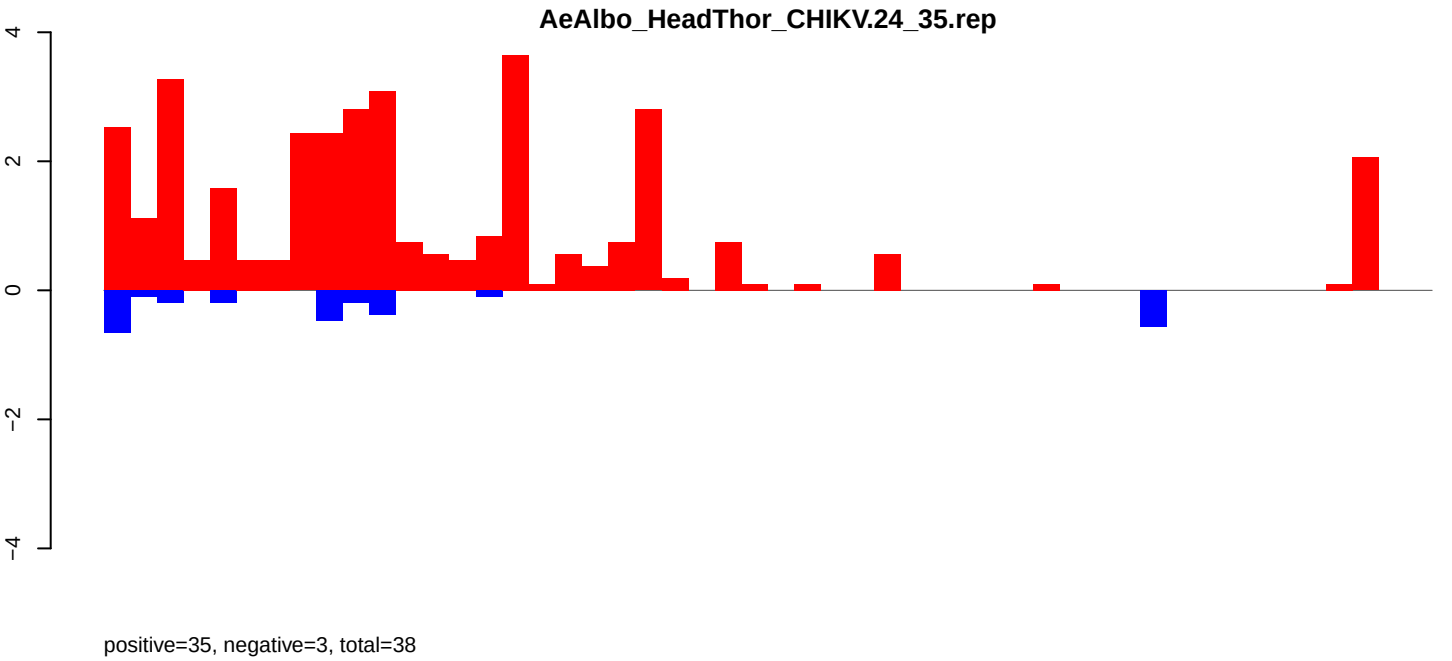

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=6, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=7, total=12
Window size=25, length=2232, TE@rnd−1_family−85@LINE_Penelope:1−2232
1.0
0.5
0.0
−0.5
−1.0
0
500
1000
1500
2000

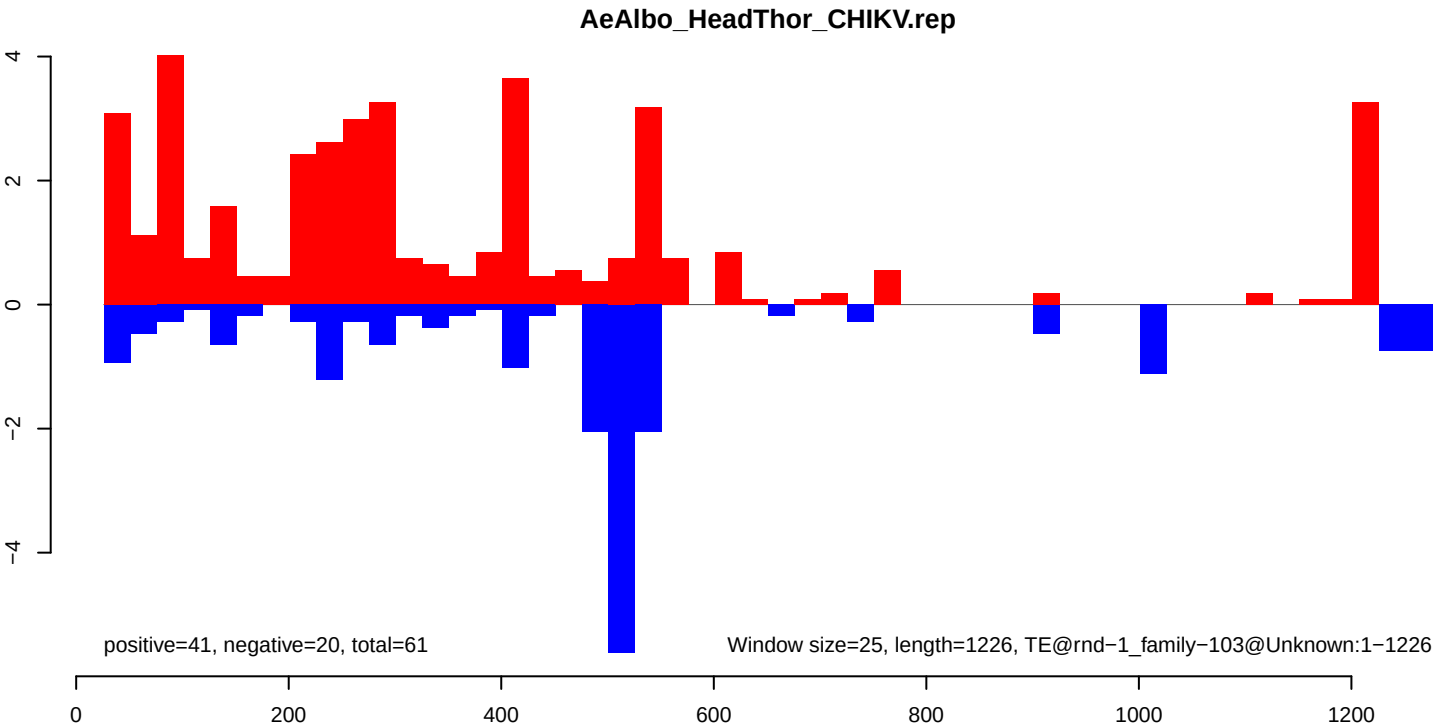

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=8, negative=6, total=14

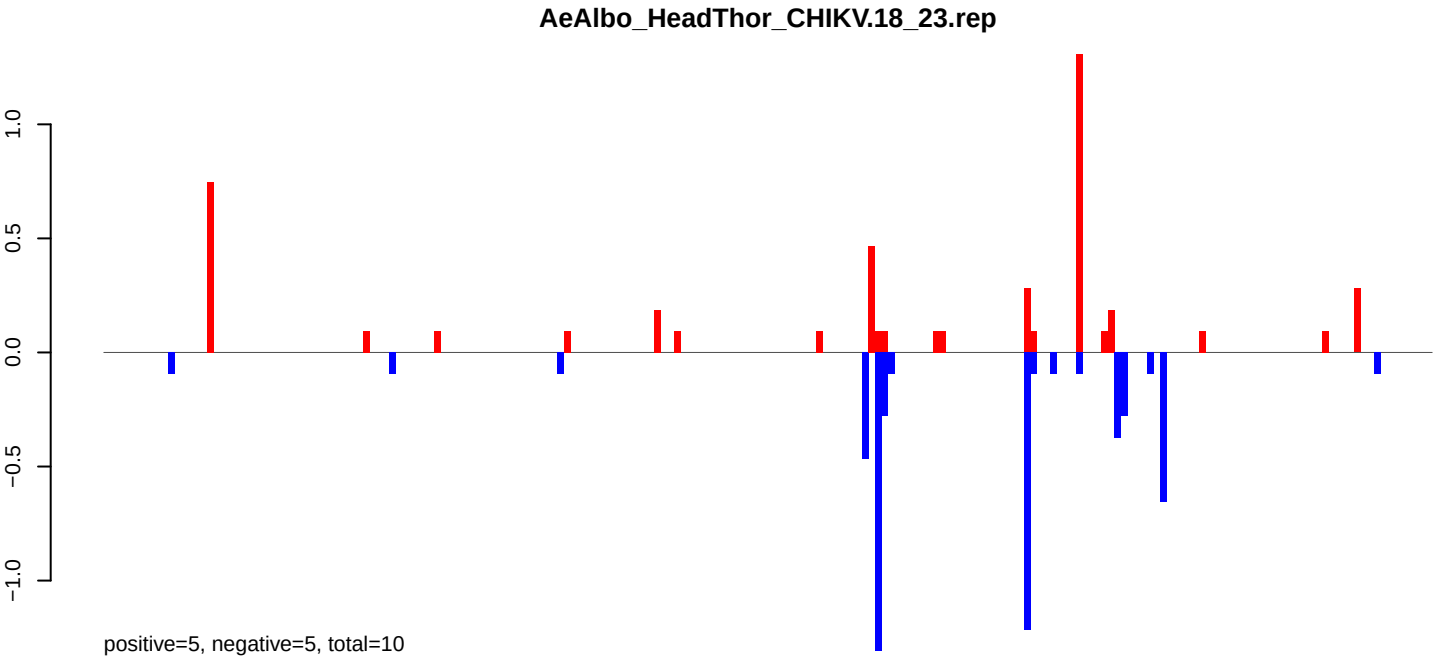

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=1, negative=0, total=1

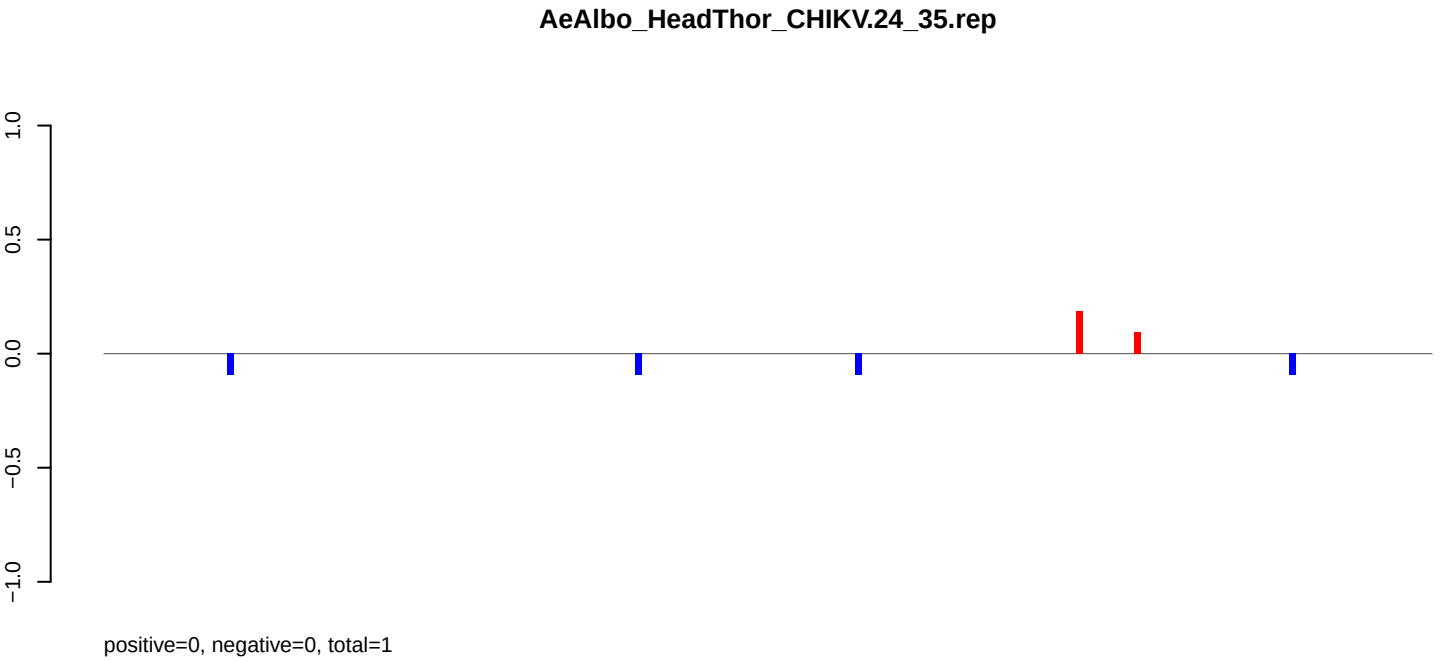

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=10, negative=6, total=16
Window size=25, length=1611, TE@rnd−1_family−615@LTR_Pao:1−1611
0
500
1000
1500

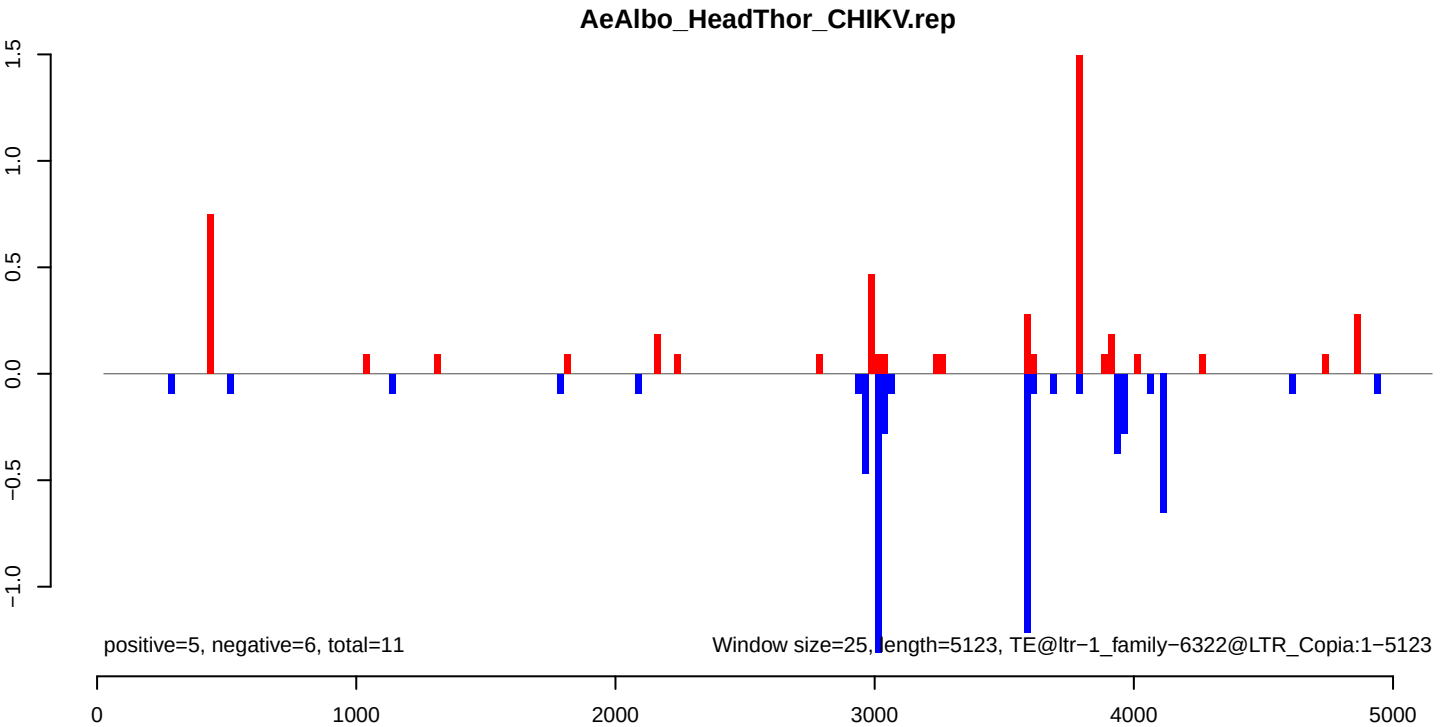

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
−4
positive=5, negative=18, total=23

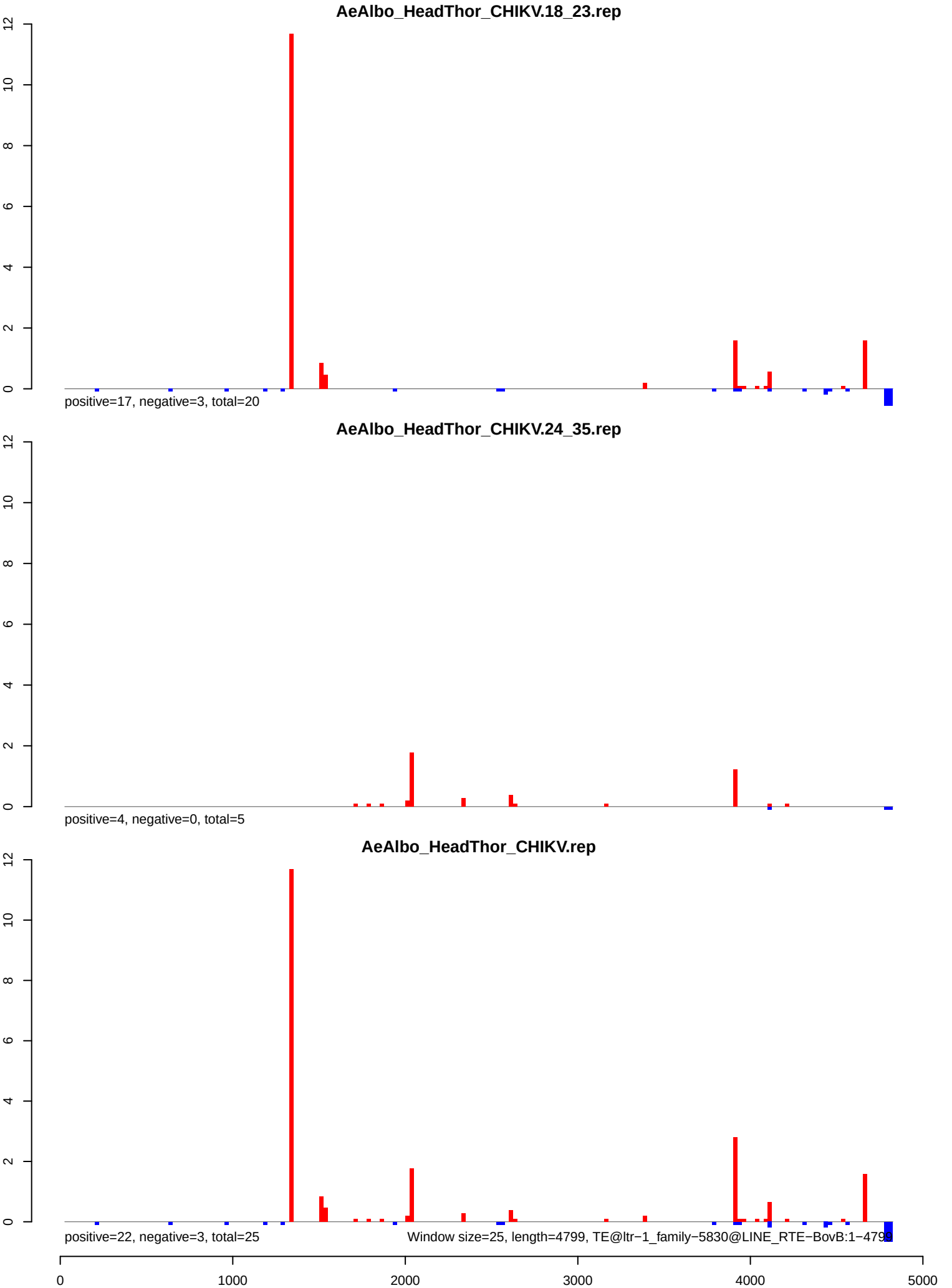

AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
−4
positive=35, negative=3, total=38

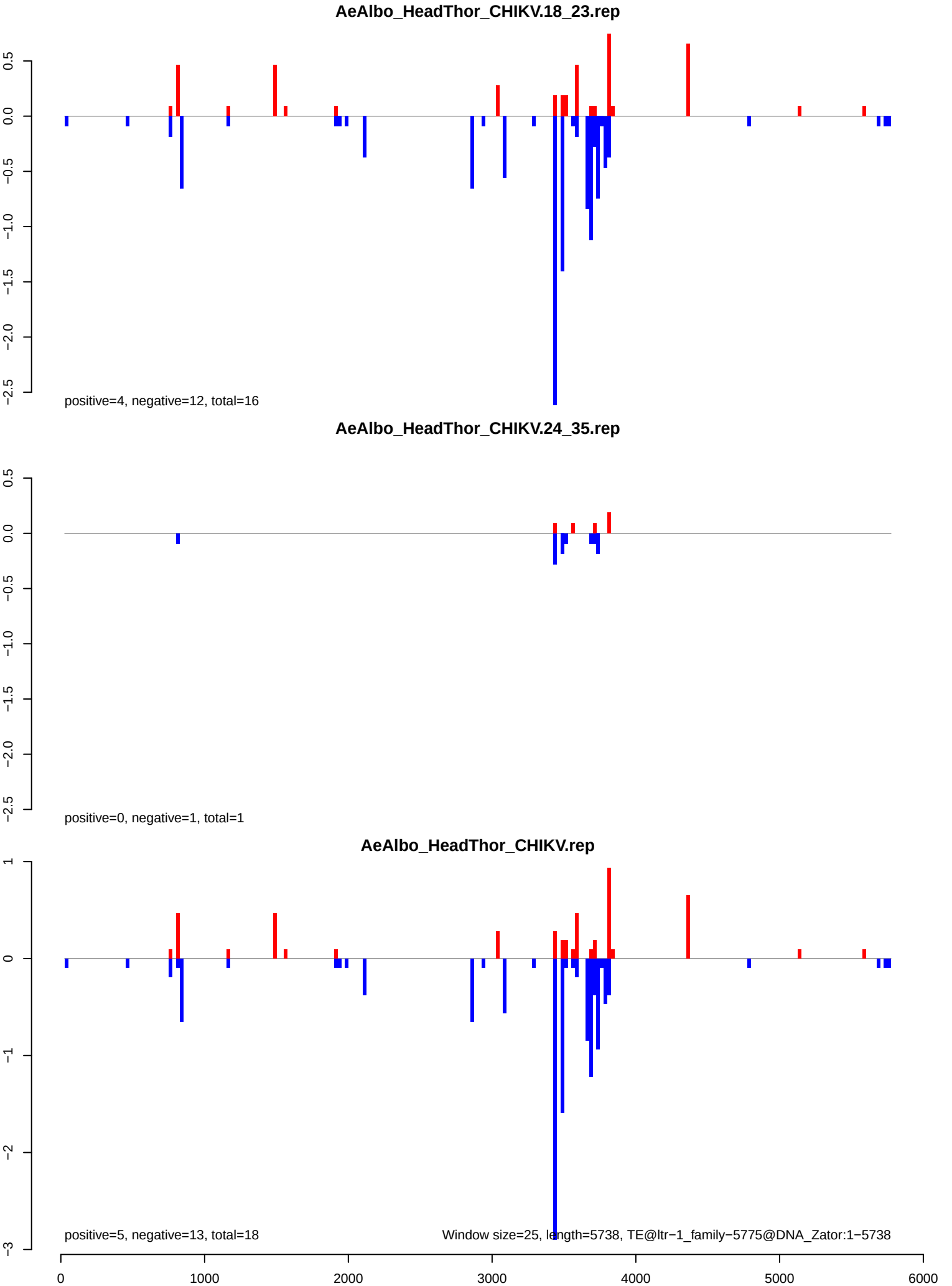

AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
−4
positive=41, negative=20, total=61
Window size=25, length=1226, TE@rnd−1_family−103@Unknown:1−1226
0
200
400
600
800
1000
1200

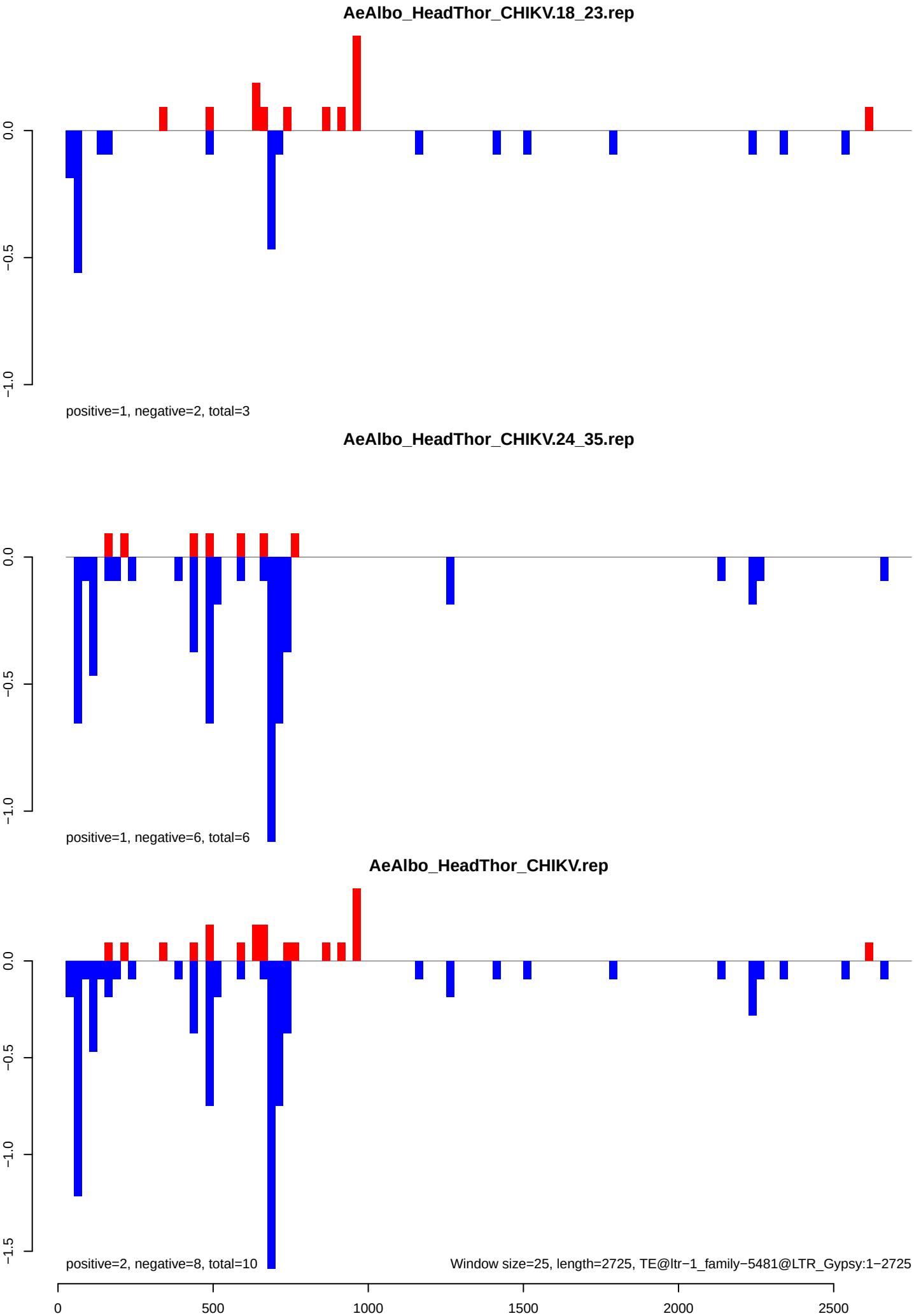

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=5, negative=5, total=10

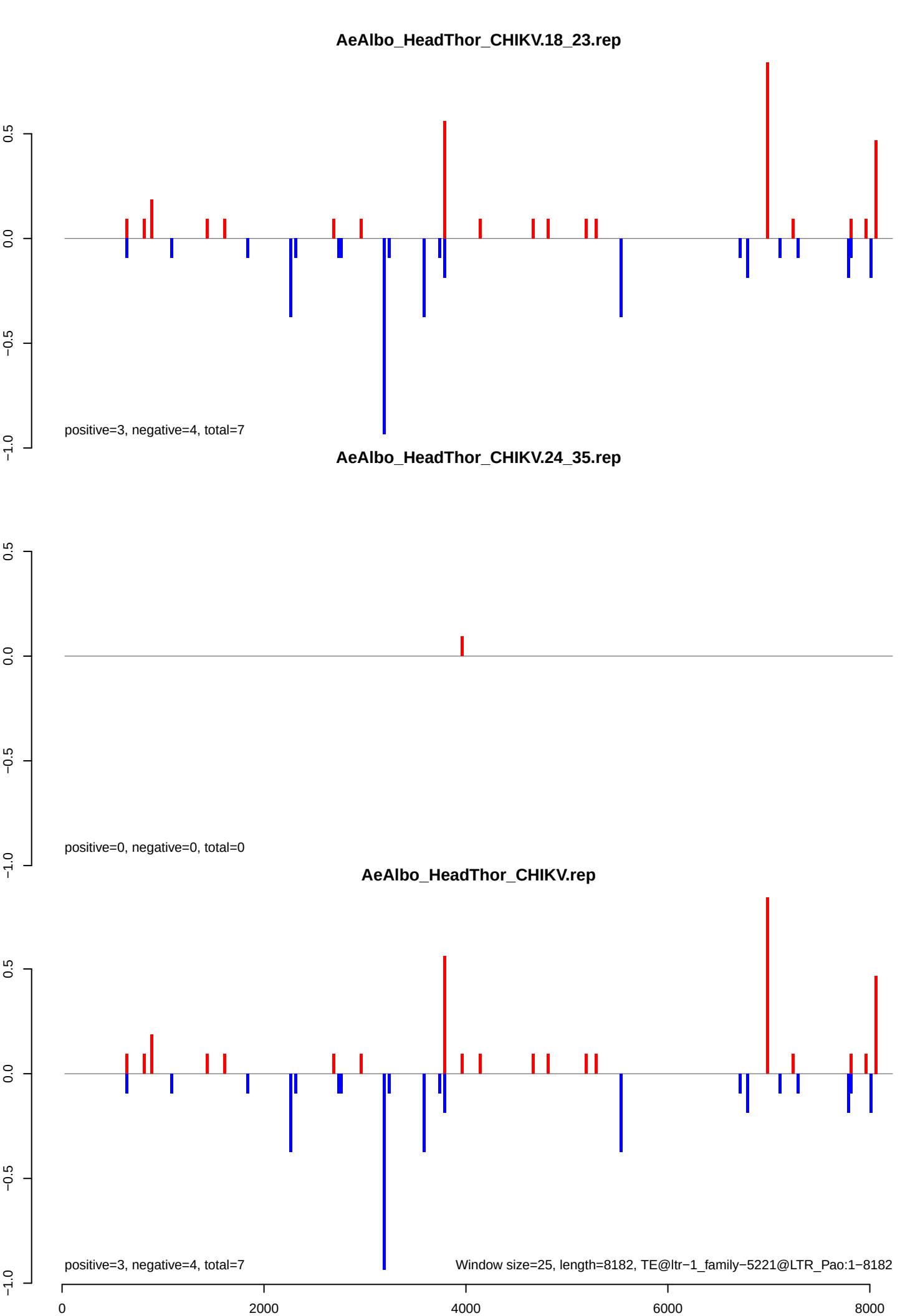

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=1

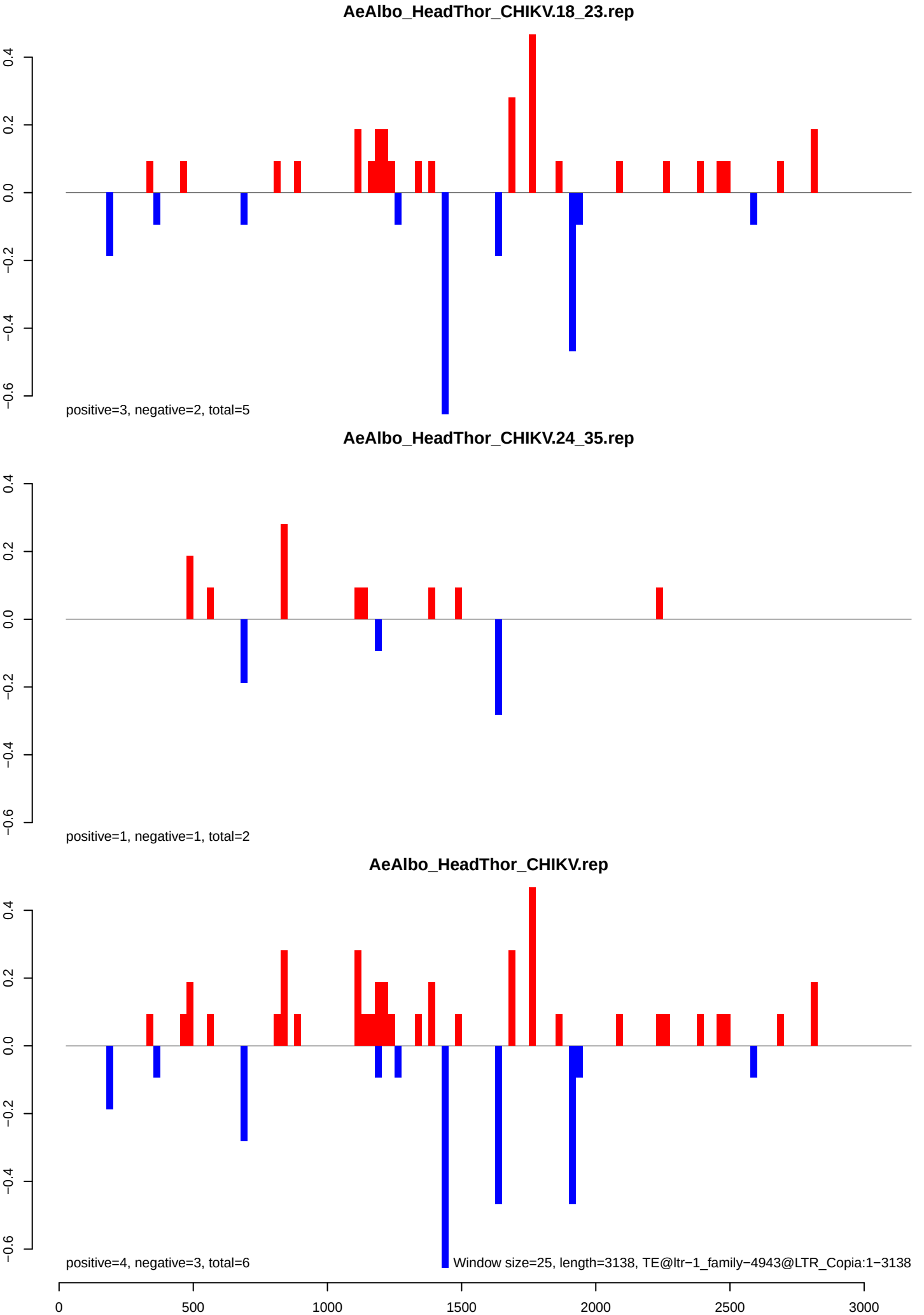

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=5, negative=6, total=11
Window size=25, length=5123, TE@ltr−1_family−6322@LTR_Copia:1−5123
0
1000
2000
3000
4000
5000

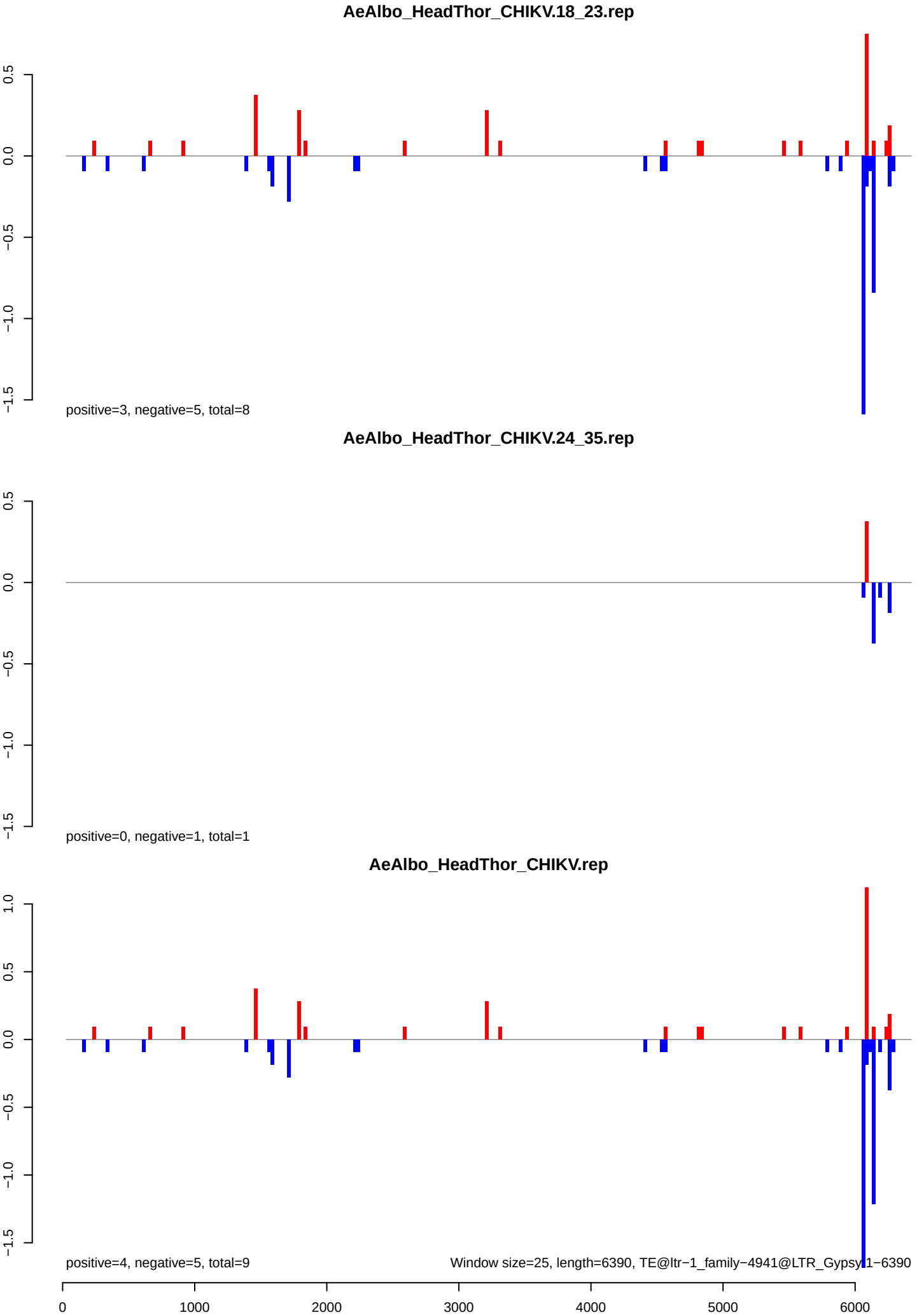

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=17, negative=3, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=0, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=22, negative=3, total=25
Window size=25, length=4799, TE@ltr−1_family−5830@LINE_RTE−BovB:1−4799
0
2
4
6
8
10
12
0
1000
2000
3000
4000
5000

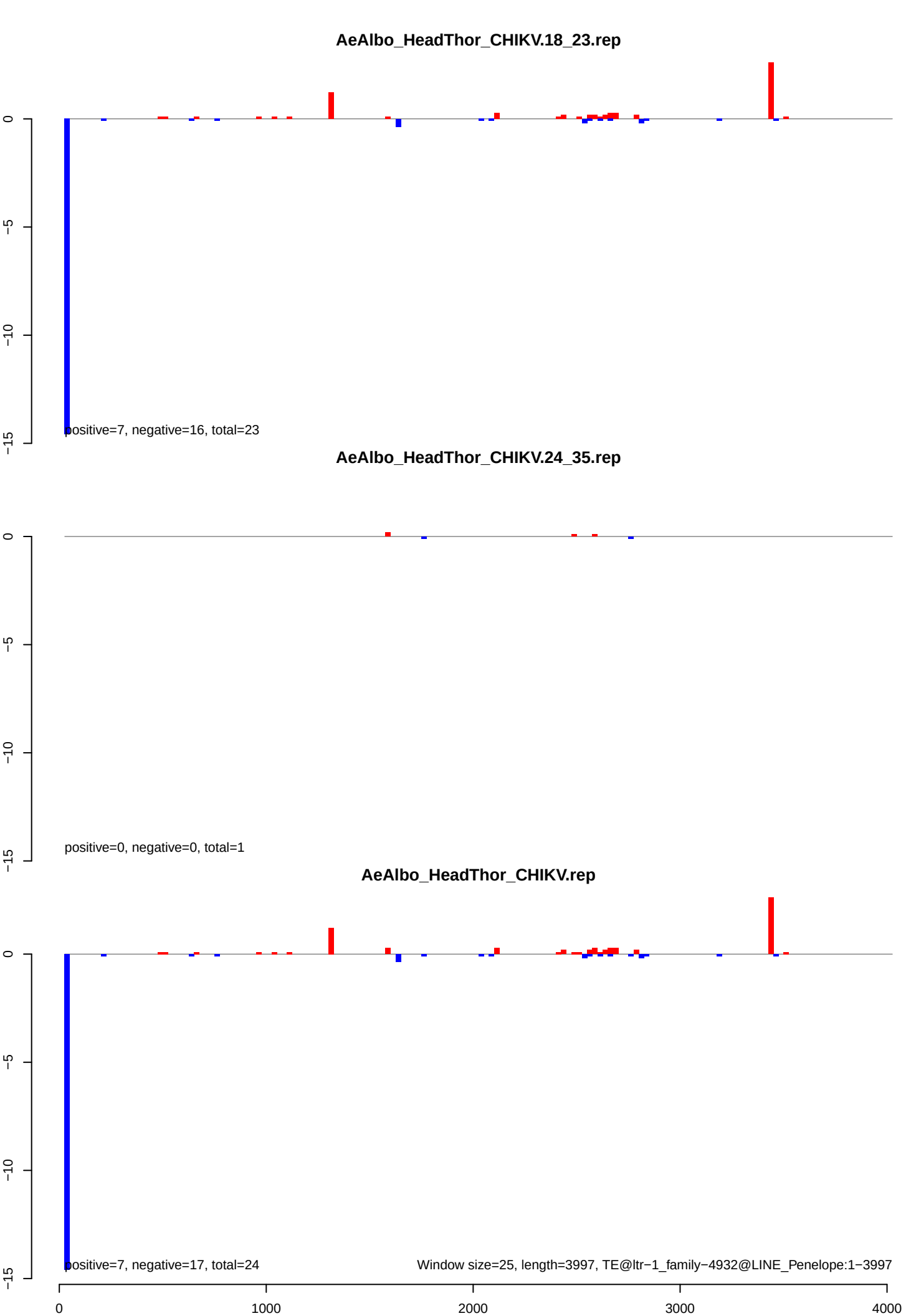

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=4, negative=12, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
positive=5, negative=13, total=18
Window size=25, length=5738, TE@ltr−1_family−5775@DNA_Zator:1−5738
0
1000
2000
3000
4000
5000
6000

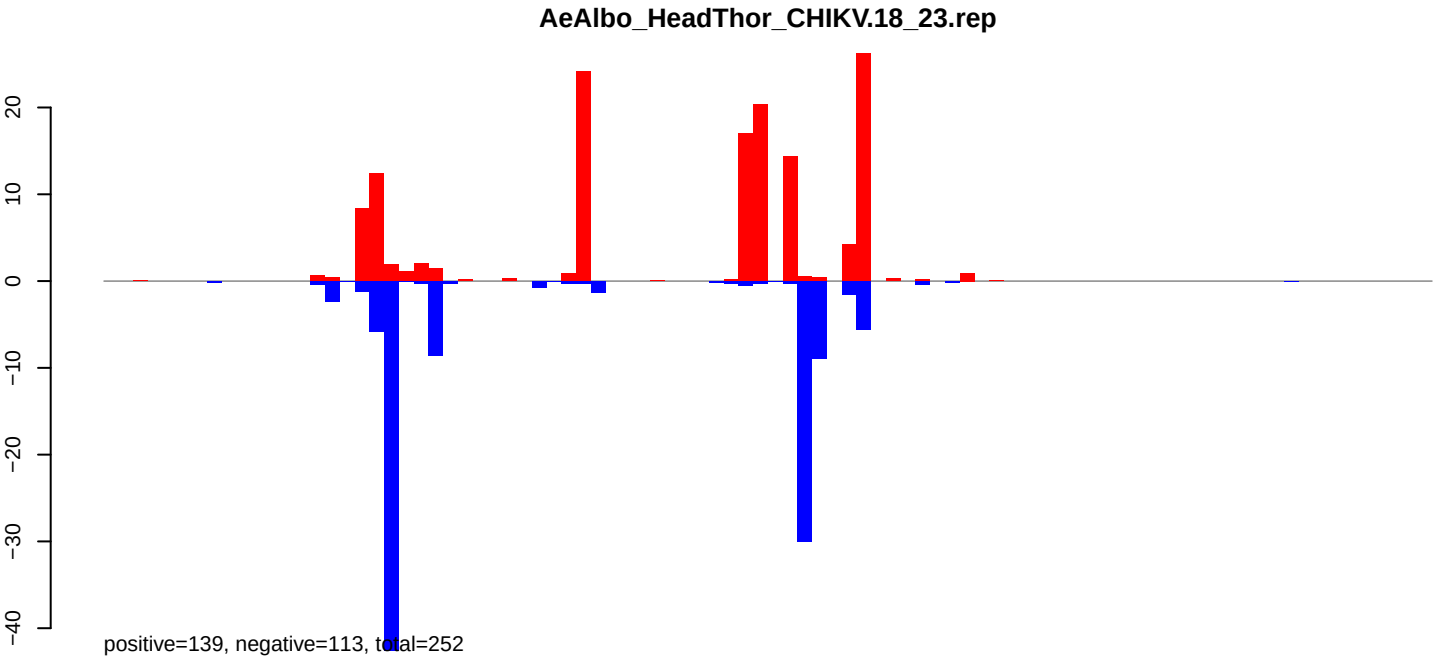

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=1, negative=6, total=6
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=2, negative=8, total=10
Window size=25, length=2725, TE@ltr−1_family−5481@LTR_Gypsy:1−2725
0
500
1000
1500
2000
2500

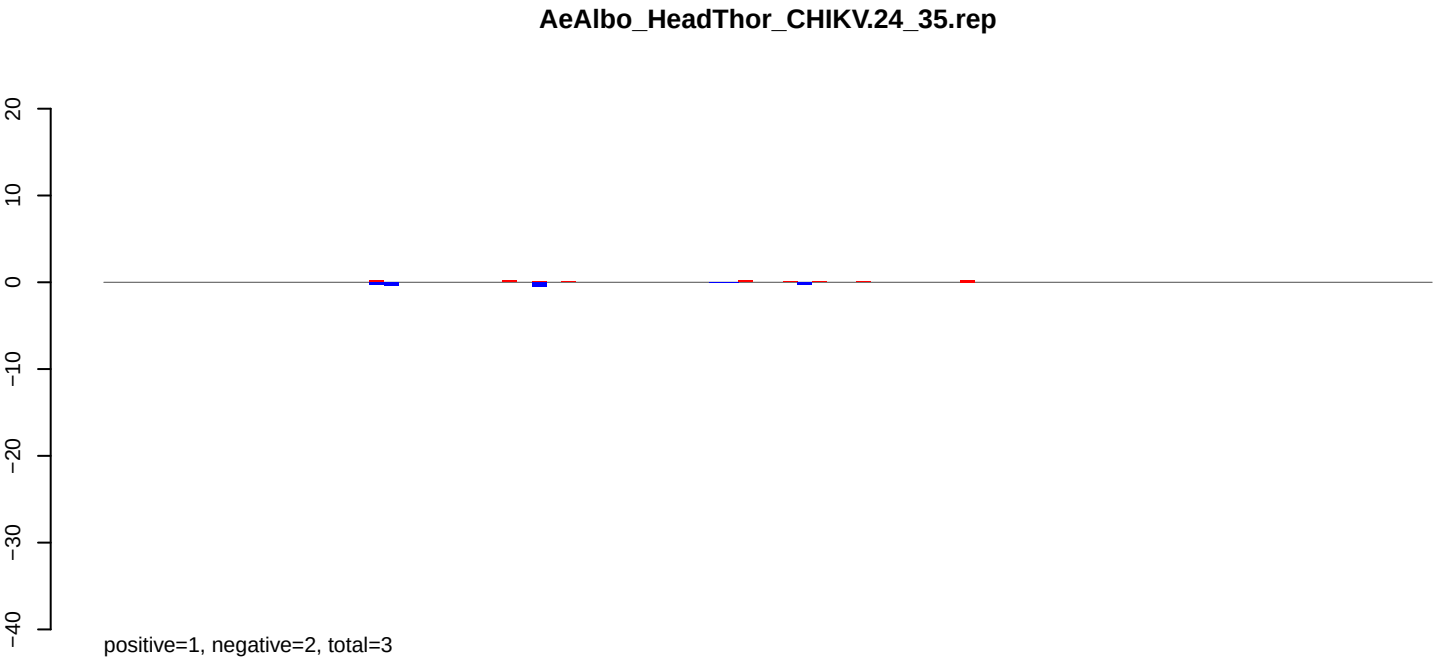

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
Window size=25, length=8182, TE@ltr−1_family−5221@LTR_Pao:1−8182
0
2000
4000
6000
8000

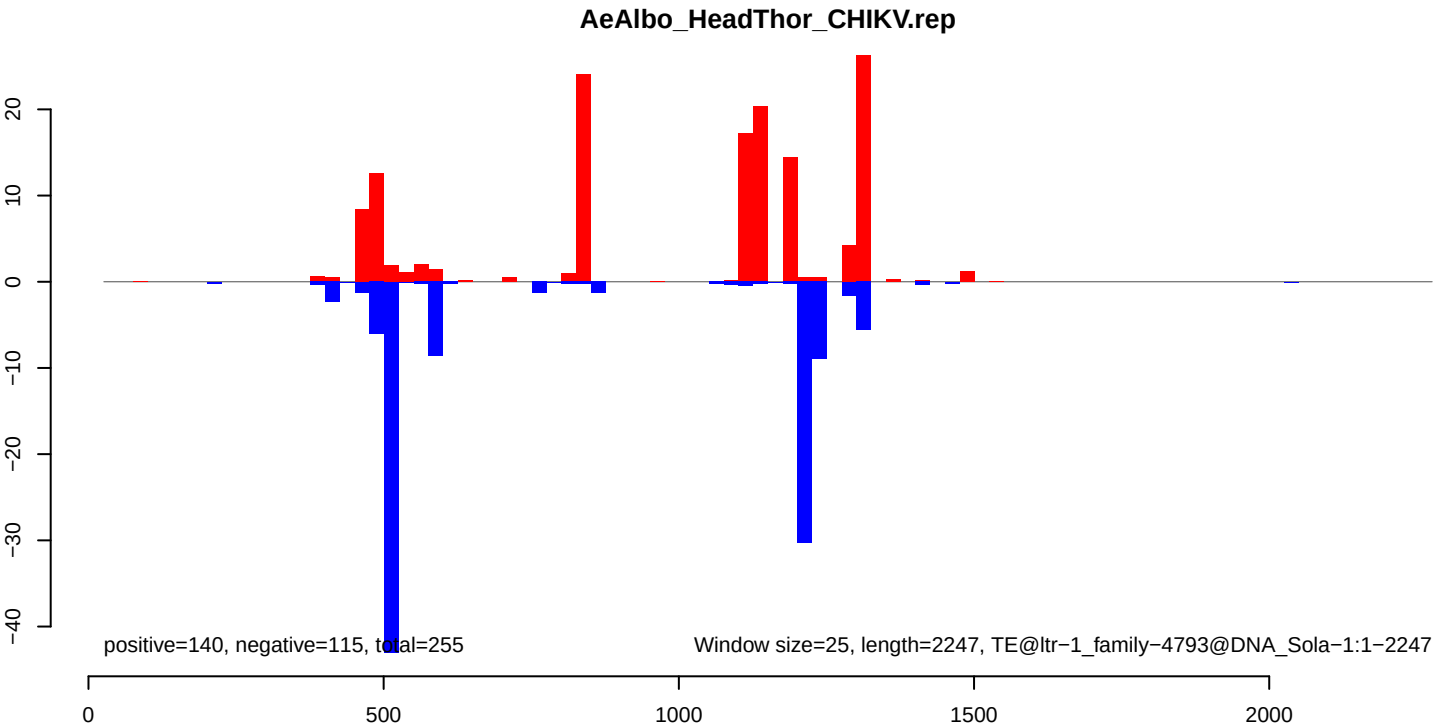

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=4, negative=3, total=6
Window size=25, length=3138, TE@ltr−1_family−4943@LTR_Copia:1−3138
0
500
1000
1500
2000
2500
3000

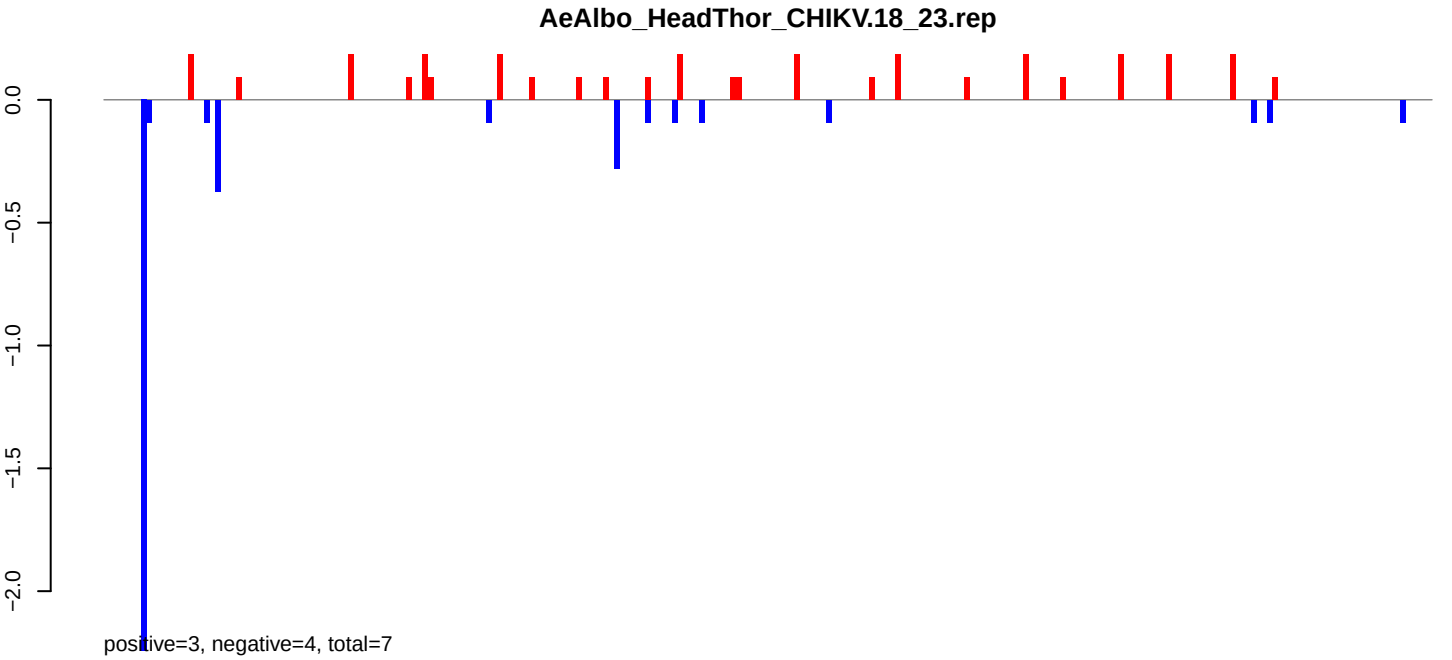

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=5, total=9
Window size=25, length=6390, TE@ltr−1_family−4941@LTR_Gypsy−1−6390
0
1000
2000
3000
4000
5000
6000

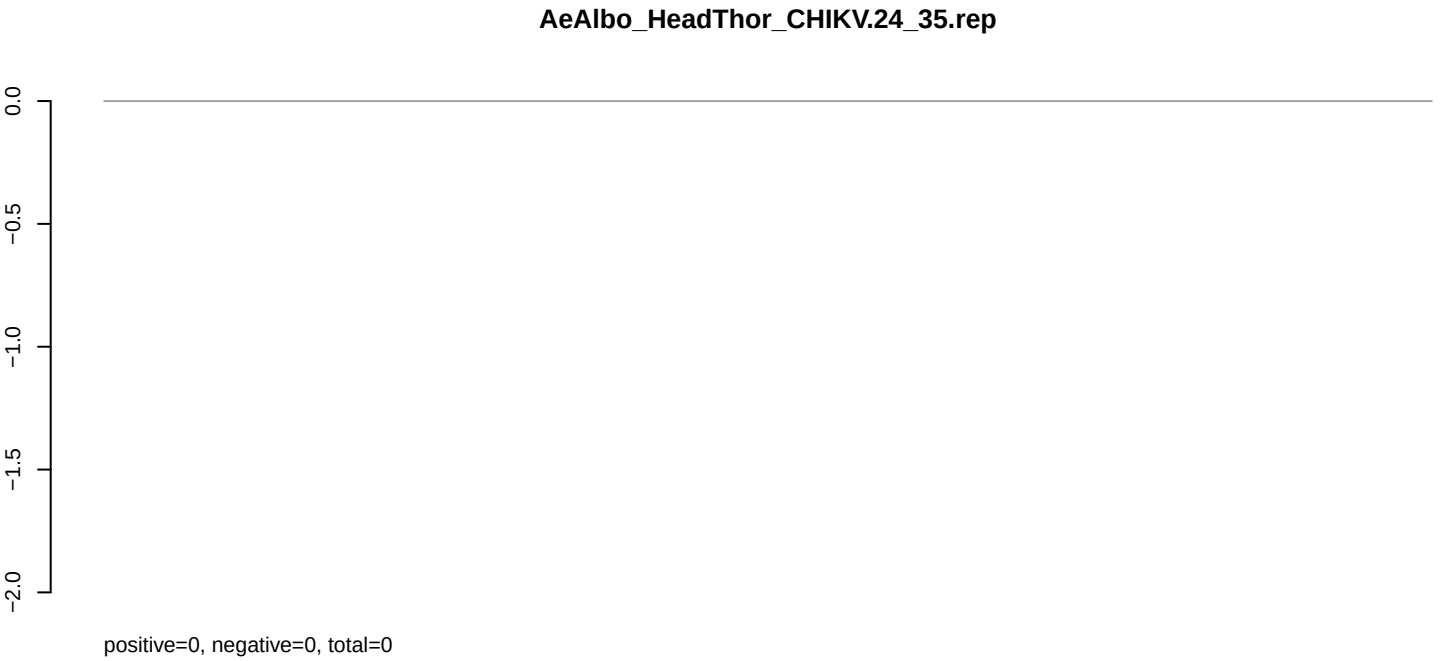

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=7, negative=16, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=7, negative=17, total=24
Window size=25, length=3997, TE@ltr−1_family−4932@LINE_Penelope:1−3997
0
1000
2000
3000
4000

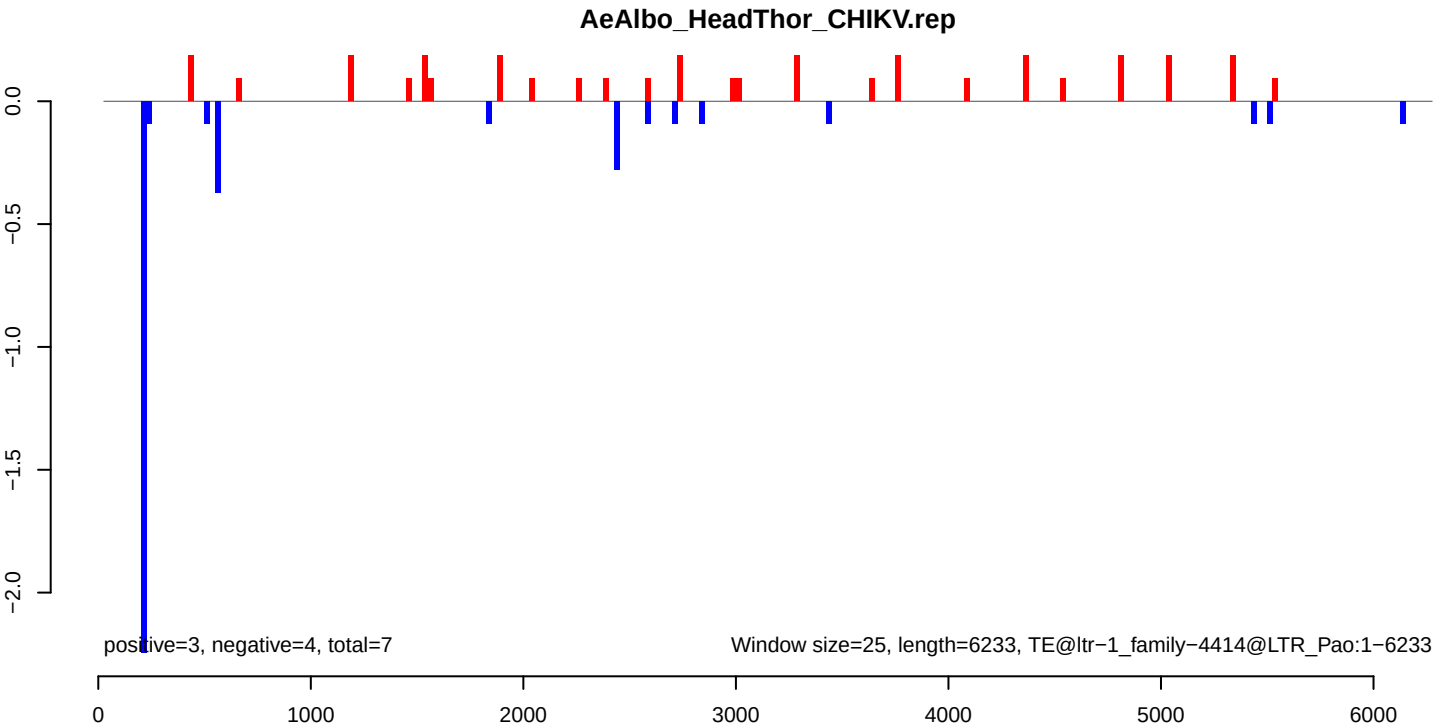

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
−30
−40
positive=139, negative=113, total=252

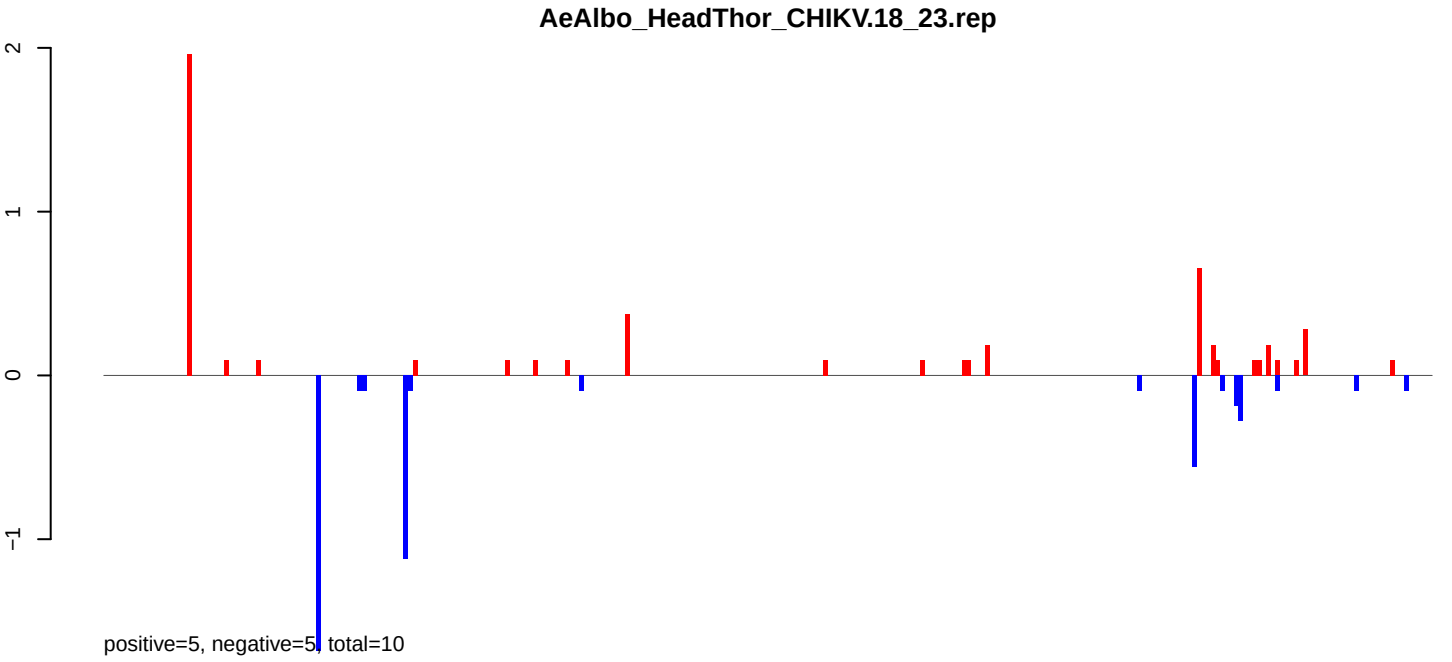

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
−30
−40
positive=1, negative=2, total=3

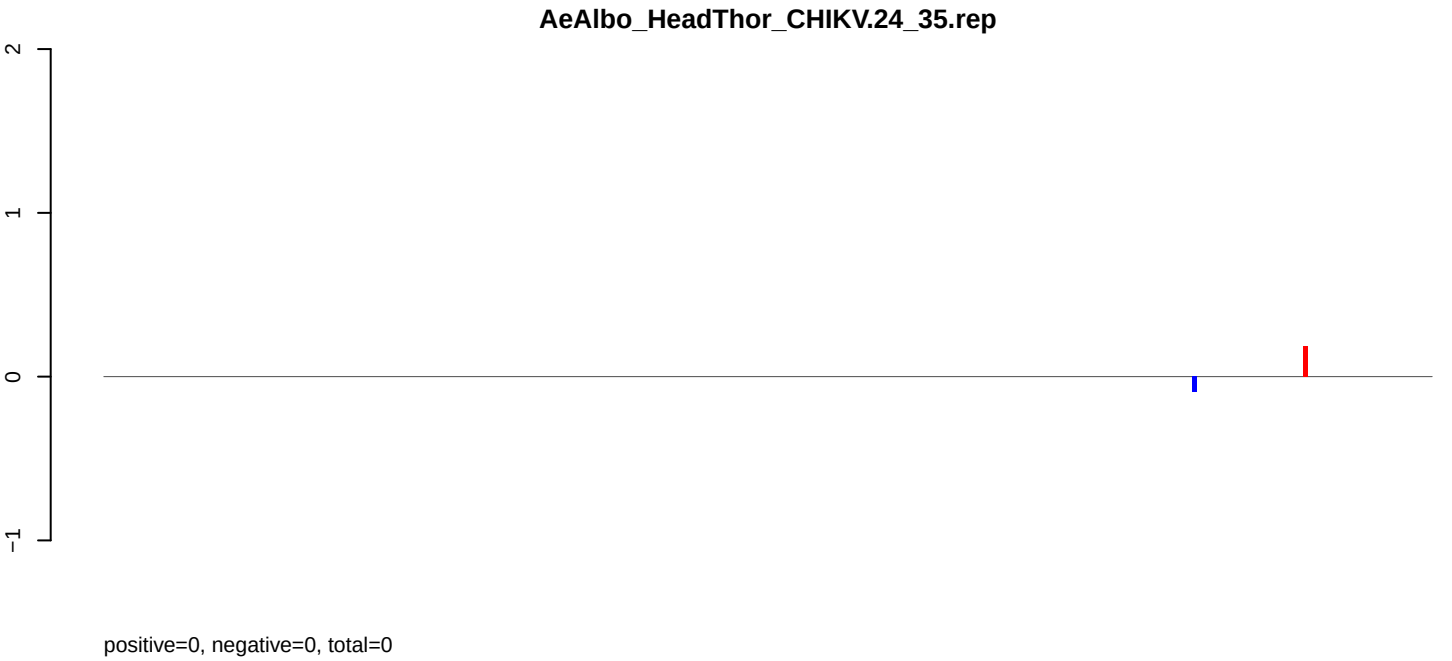

AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
−30
−40
positive=140, negative=115, total=255
Window size=25, length=2247, TE@ltr−1_family−4793@DNA_Sola−1:1−2247
0
500
1000
1500
2000

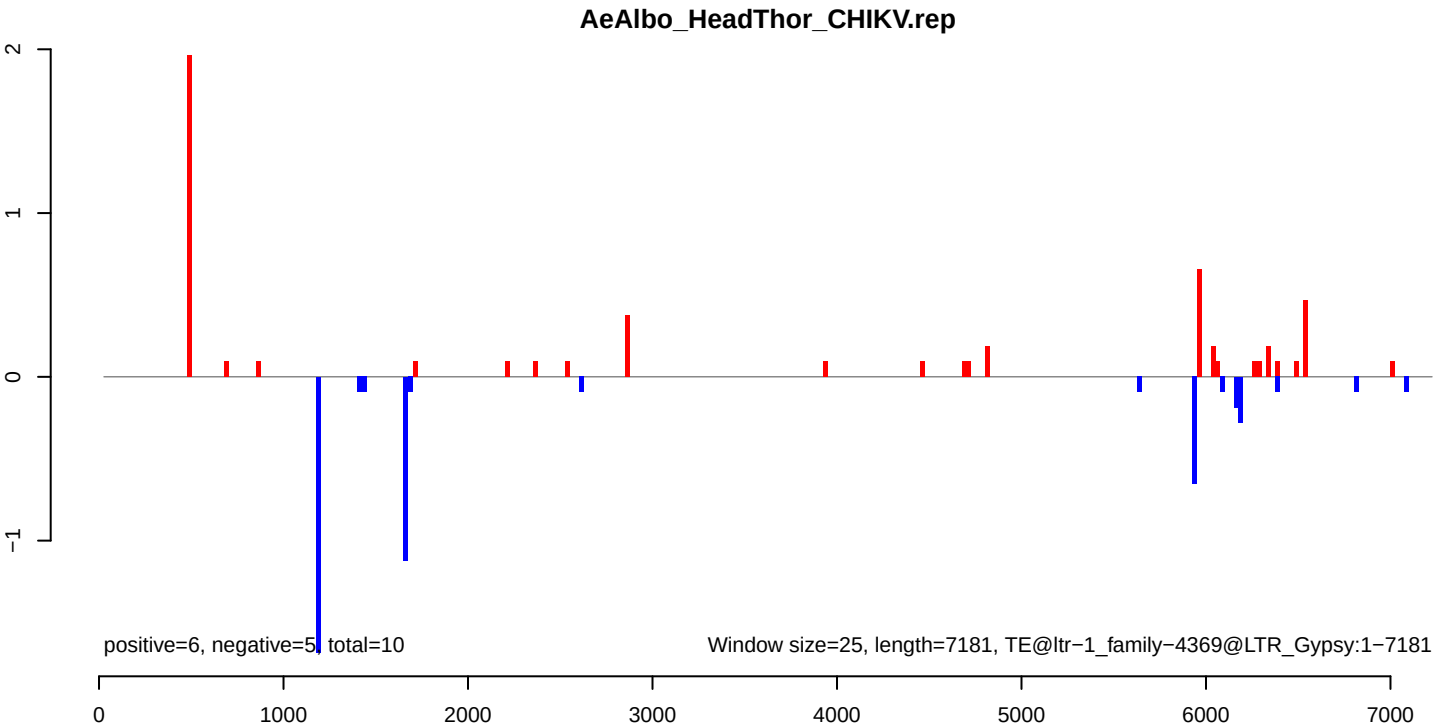

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=3, negative=4, total=7

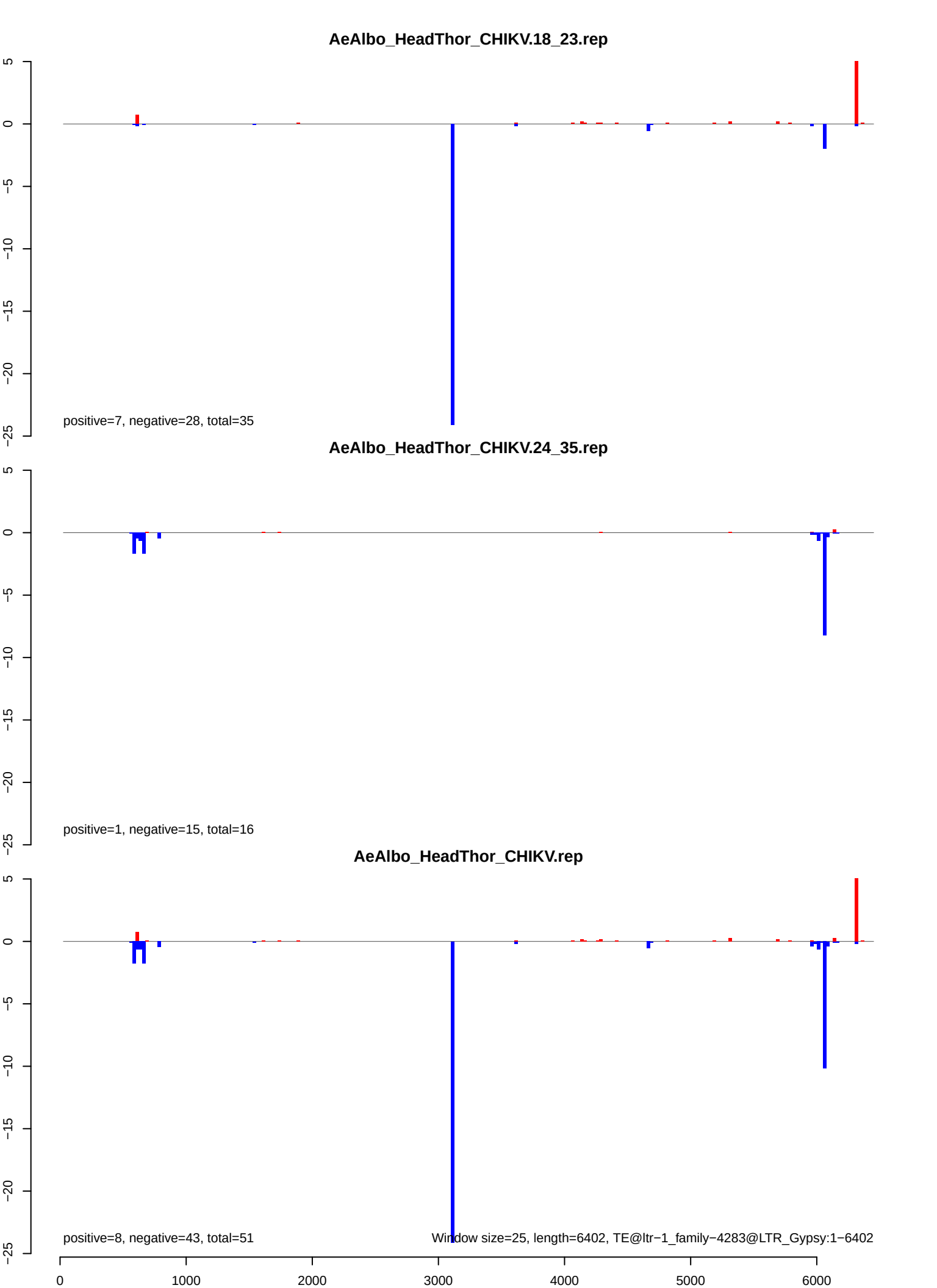

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0

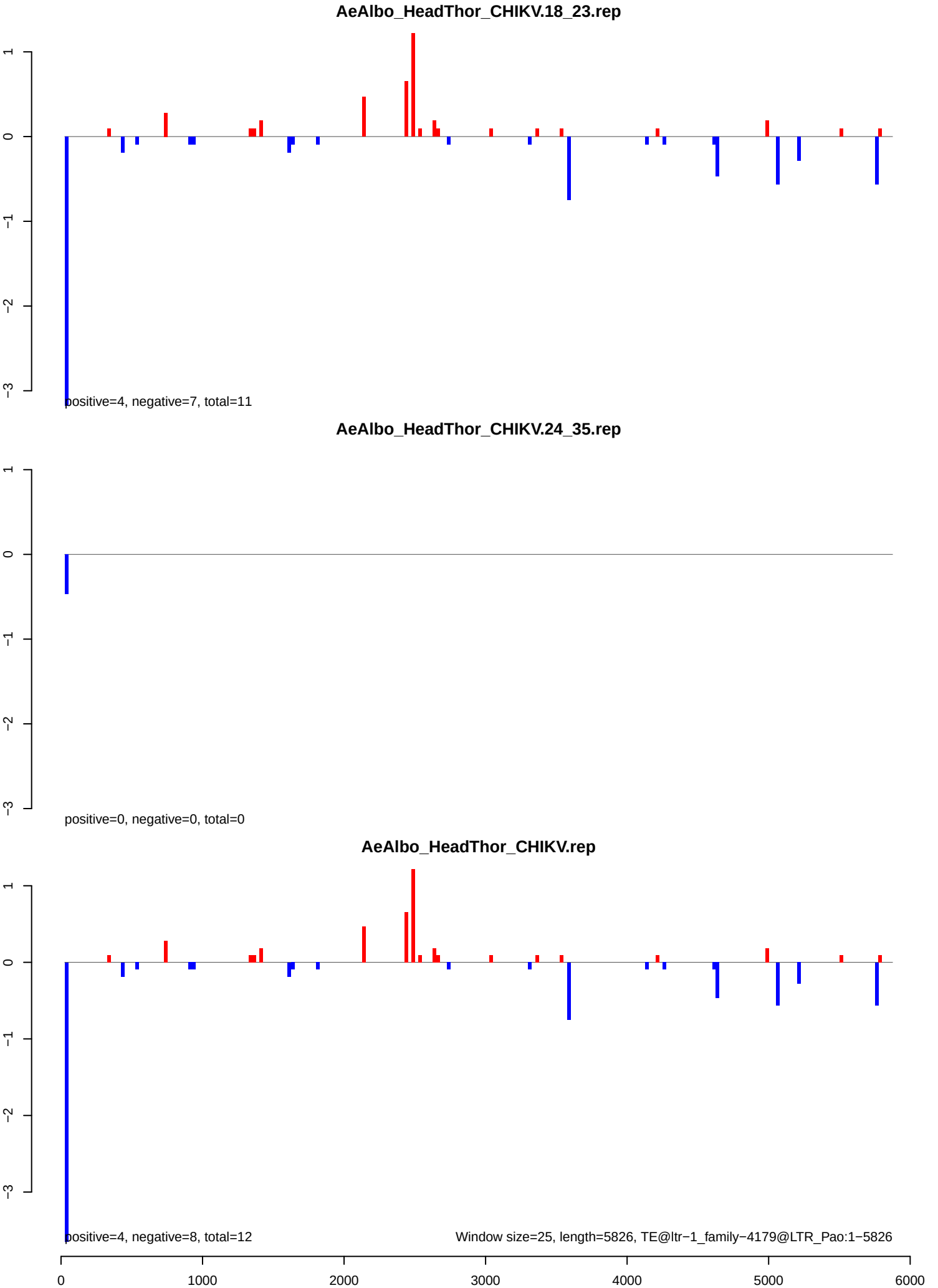

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=3, negative=4, total=7
Window size=25, length=6233, TE@ltr−1_family−4414@LTR_Pao:1−6233
0
1000
2000
3000
4000
5000
6000

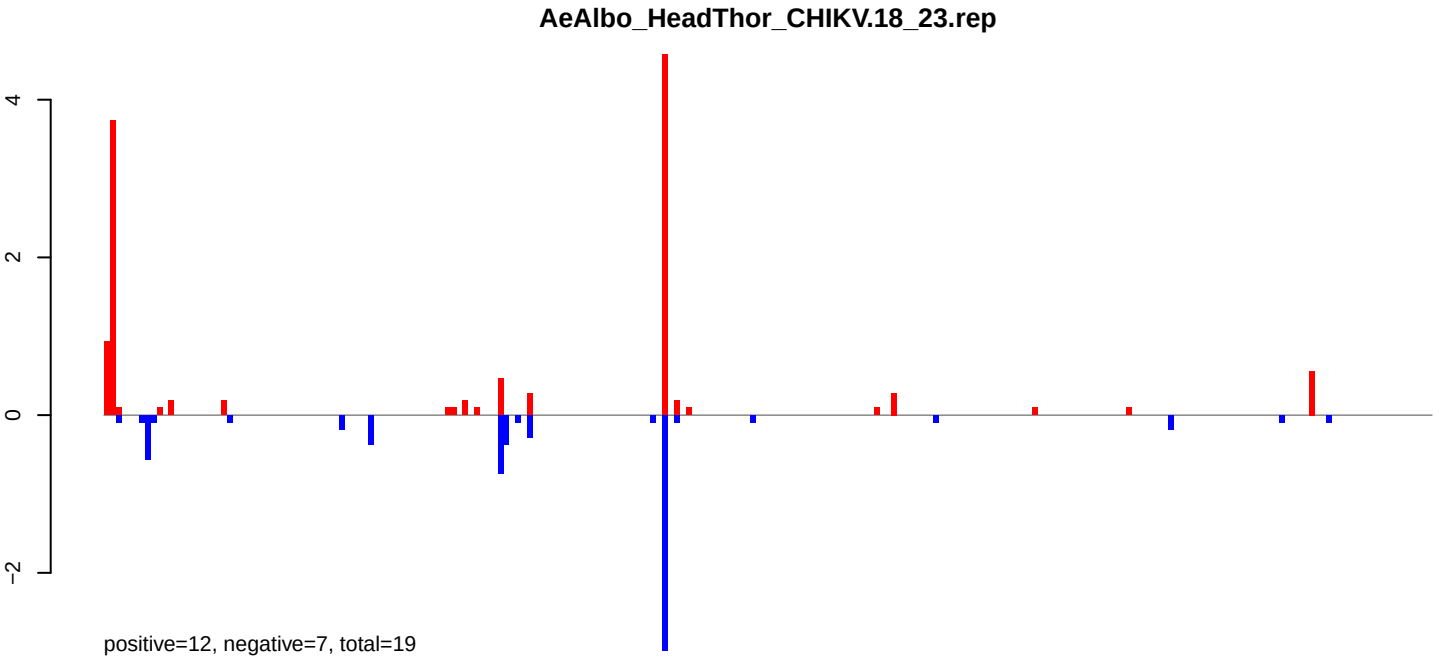

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=5, negative=5, total=10

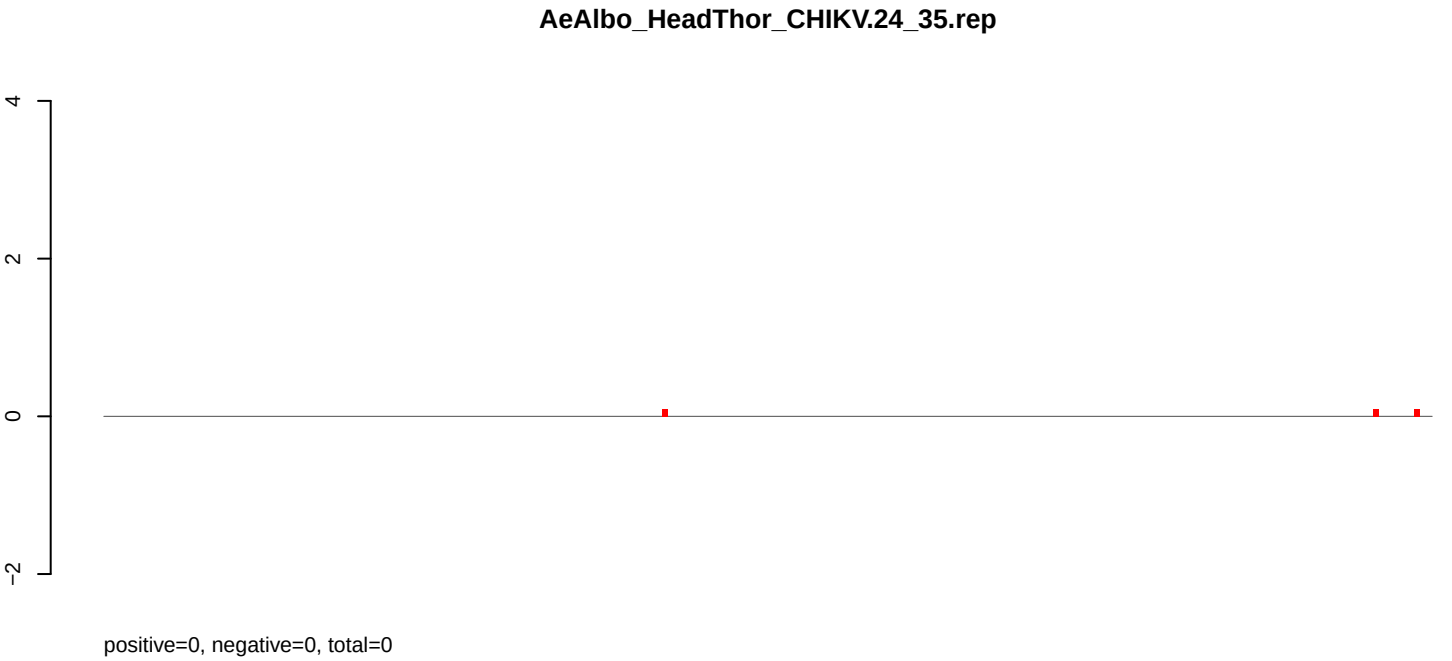

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=0, negative=0, total=0

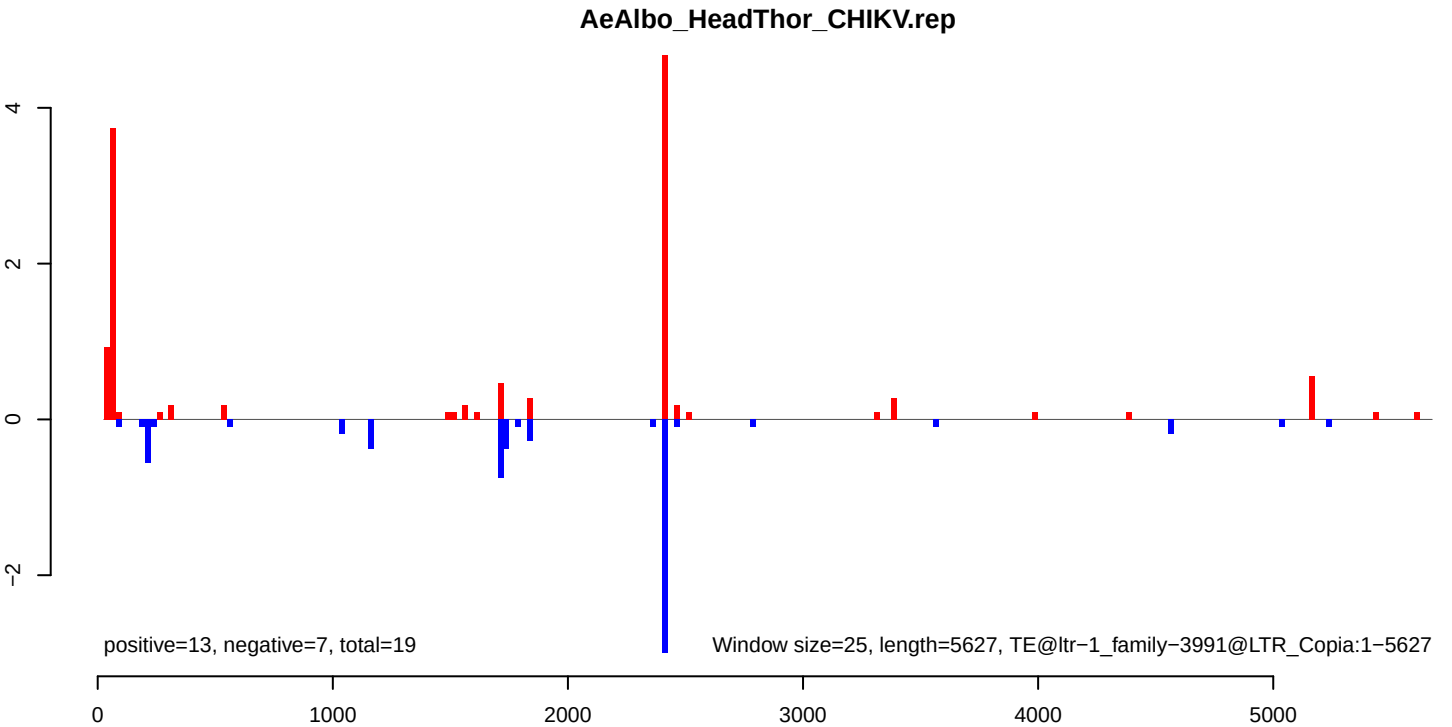

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=6, negative=5, total=10
Window size=25, length=7181, TE@ltr−1_family−4369@LTR_Gypsy:1−7181
0
1000
2000
3000
4000
5000
6000
7000

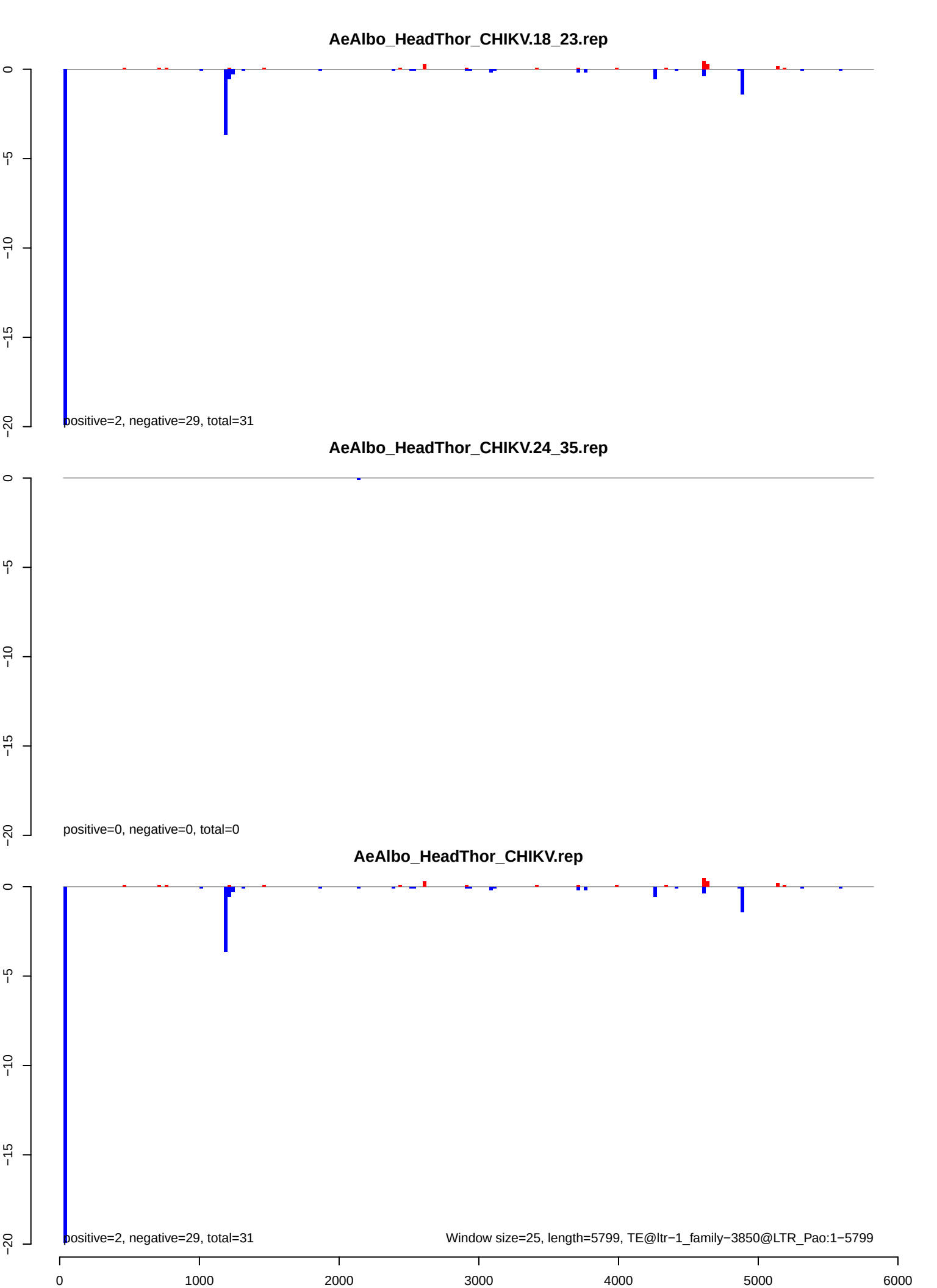

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=28, total=35
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=15, total=16
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=43, total=51
Window size=25, length=6402, TE@ltr−1_family−4283@LTR_Gypsy:1−6402
5
0
−5
−10
−15
−20
−25
0
1000
2000
3000
4000
5000
6000

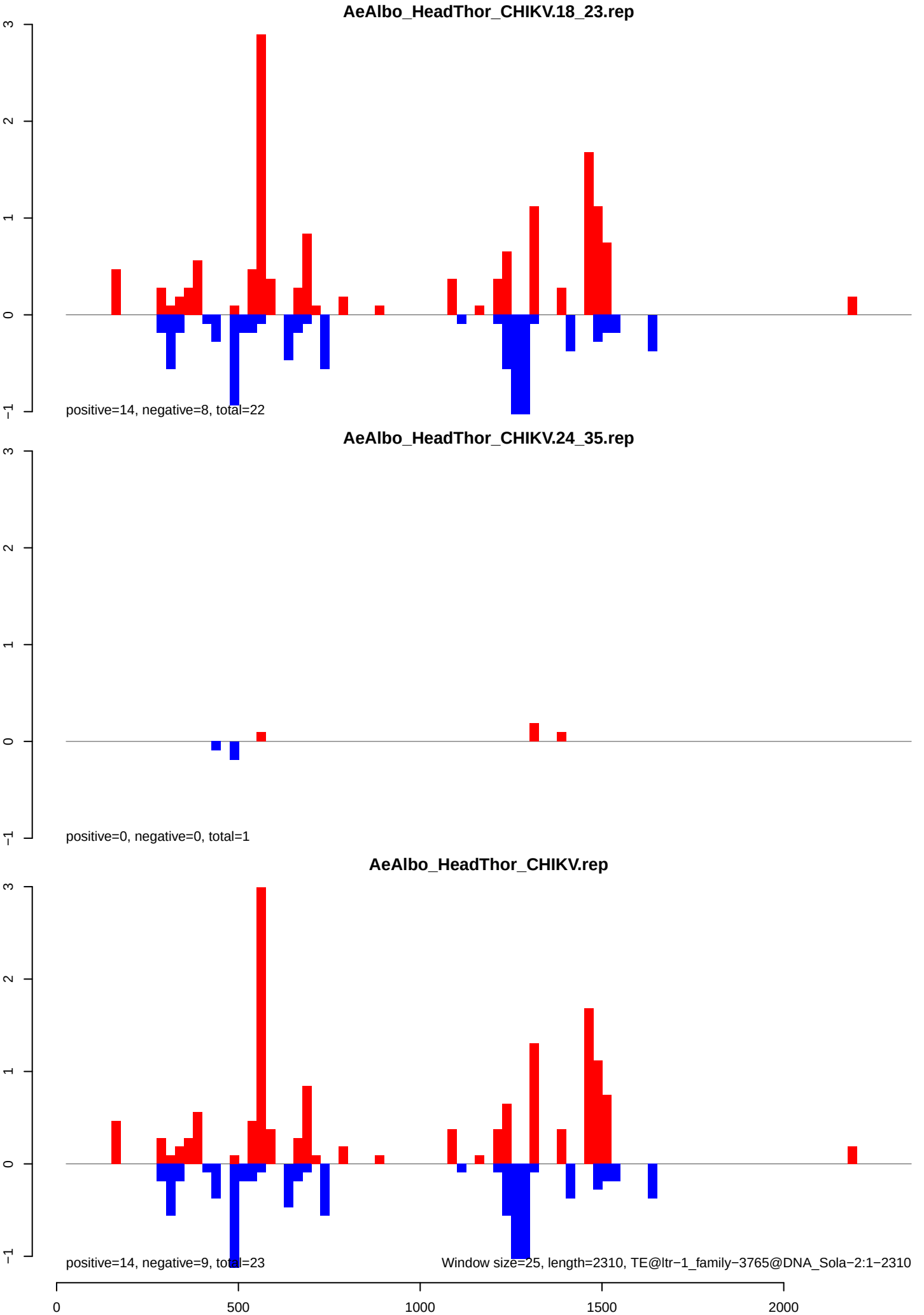

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=7, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=8, total=12
Window size=25, length=5826, TE@ltr−1_family−4179@LTR_Pao:1−5826
1
0
−1
−2
−3
0
1000
2000
3000
4000
5000
6000

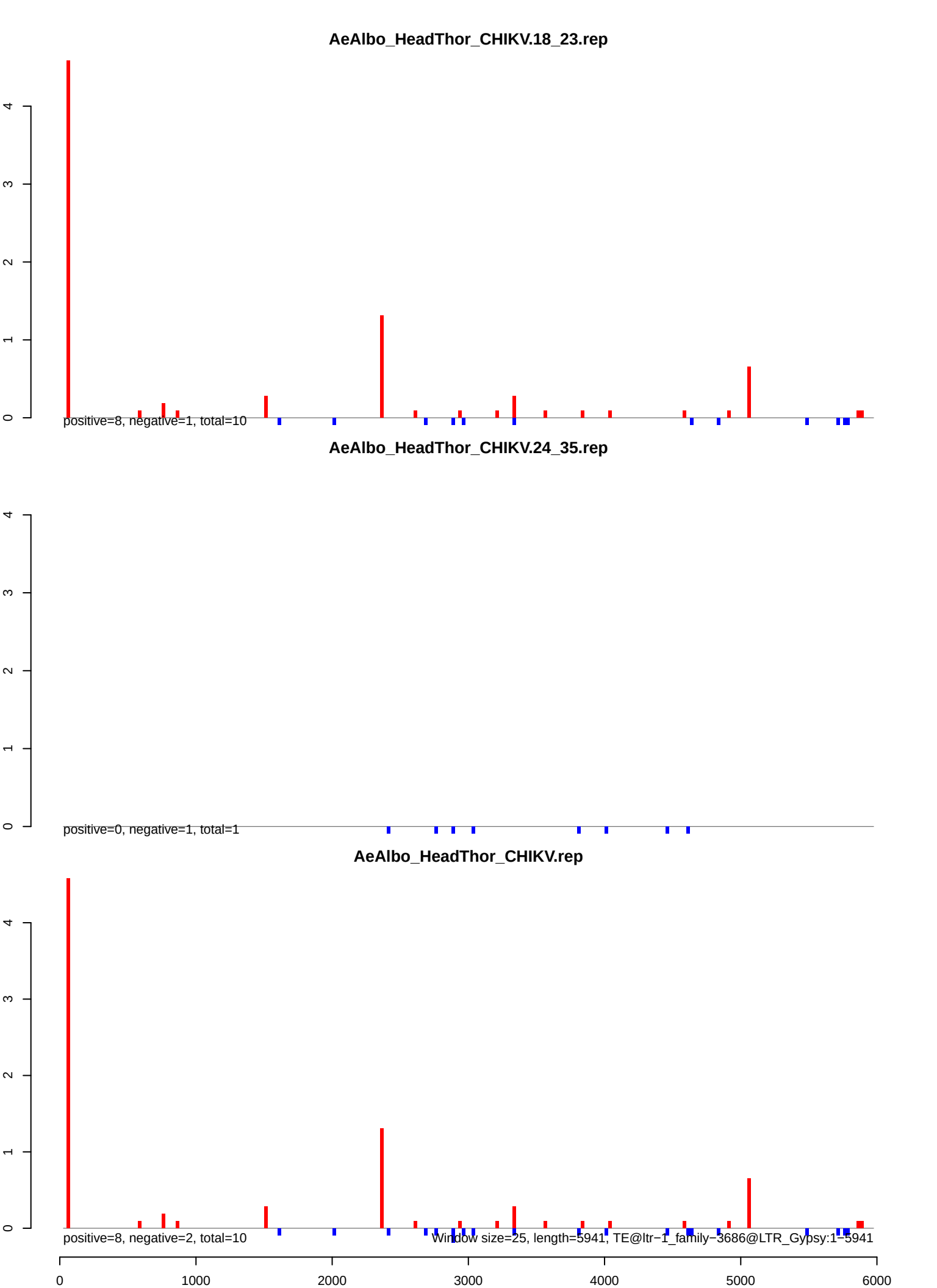

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
positive=12, negative=7, total=19

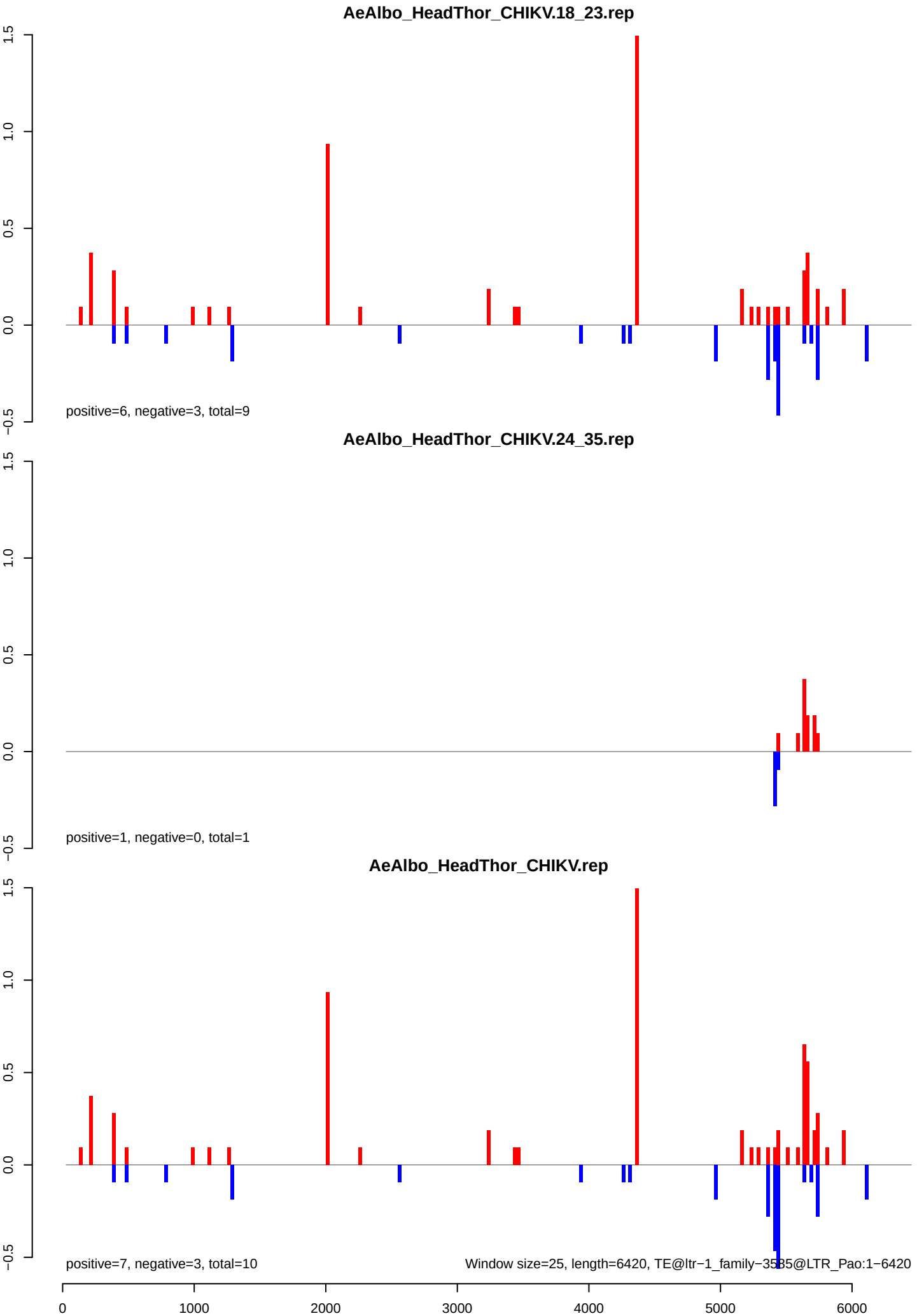

AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
positive=0, negative=0, total=0

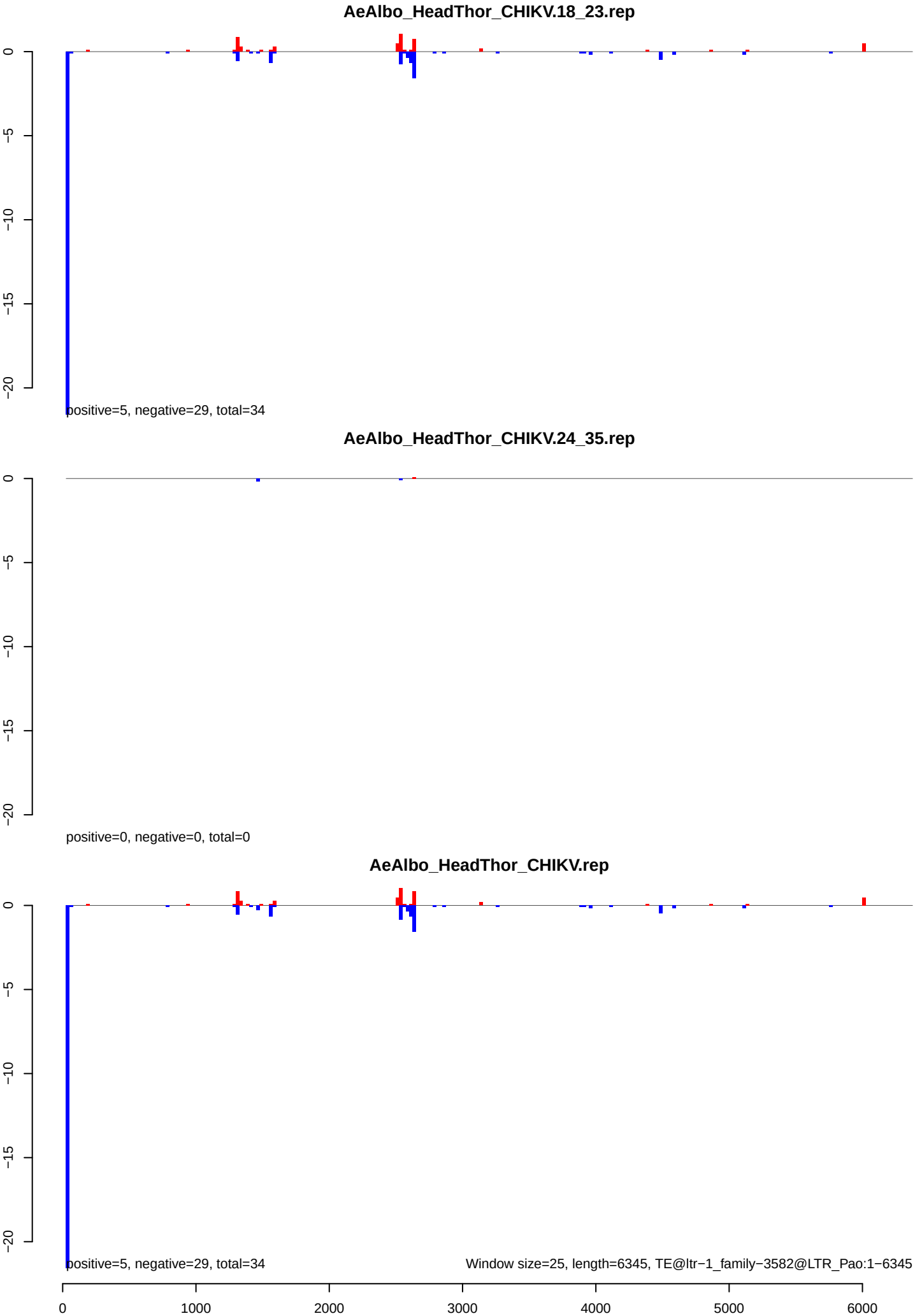

AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
positive=13, negative=7, total=19
Window size=25, length=5627, TE@ltr−1_family−3991@LTR_Copia:1−5627
0
1000
2000
3000
4000
5000

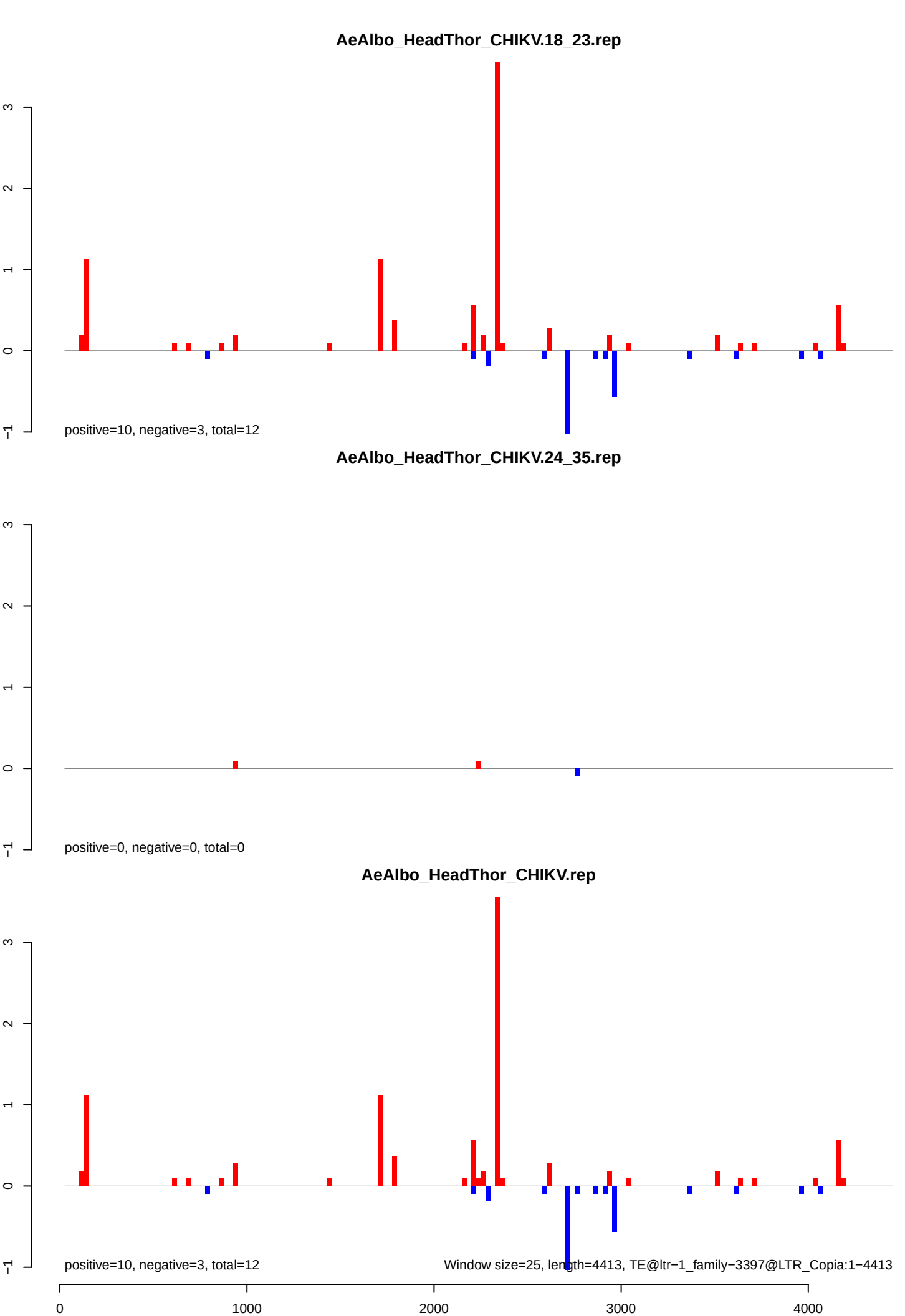

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=29, total=31
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=29, total=31
Window size=25, length=5799, TE@ltr−1_family−3850@LTR_Pao:1−5799
0
1000
2000
3000
4000
5000
6000

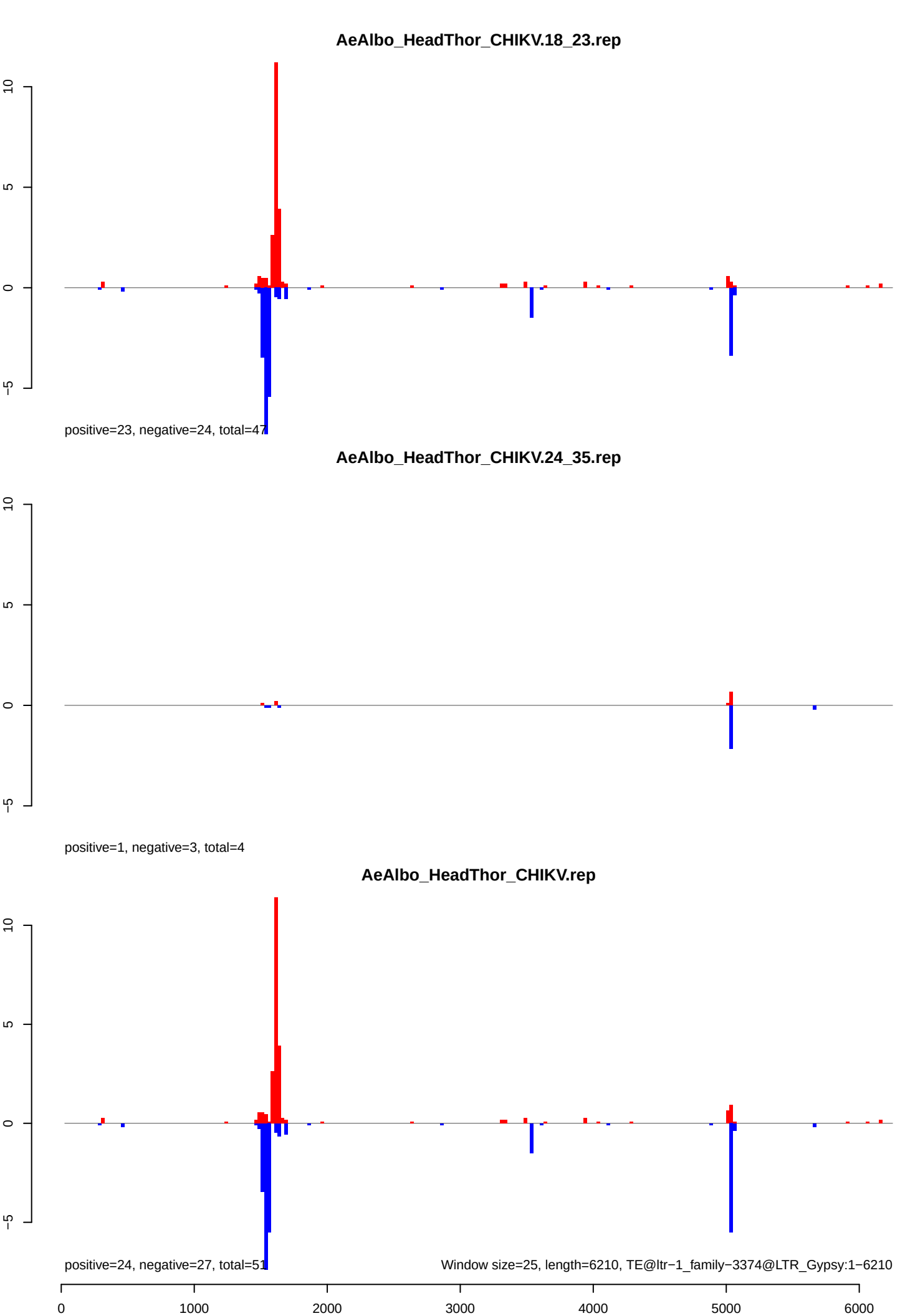

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=8, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=14, negative=9, total=23
Window size=25, length=2310, TE@ltr−1_family−3765@DNA_Sola−2:1−2310
3
2
1
0
−1
0
500
1000
1500
2000

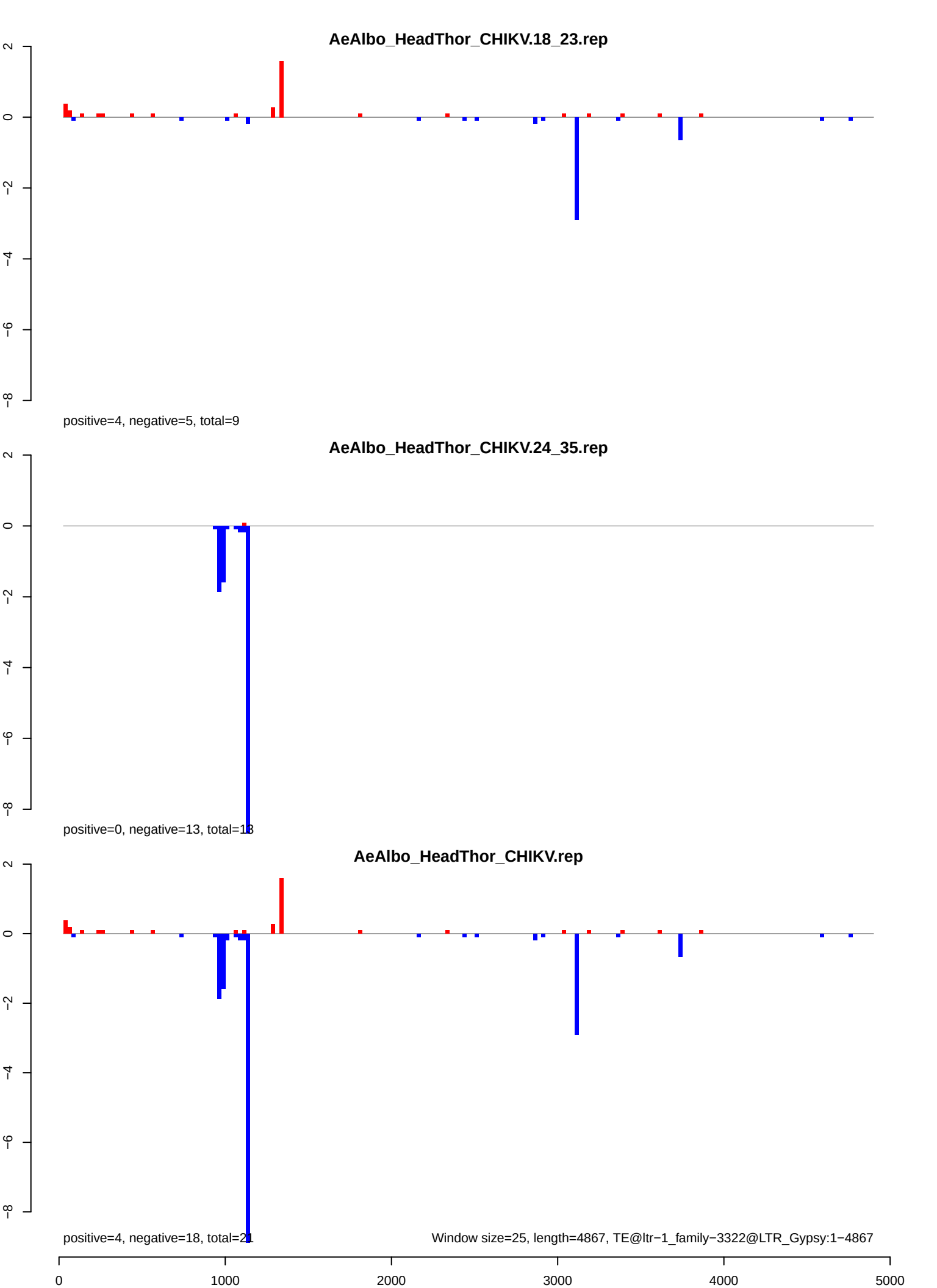

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=1, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=2, total=10
Window size=25, length=5941, TE@ltr−1_family−3686@LTR_Gypsy:1−5941
0
1000
2000
3000
4000
5000
6000

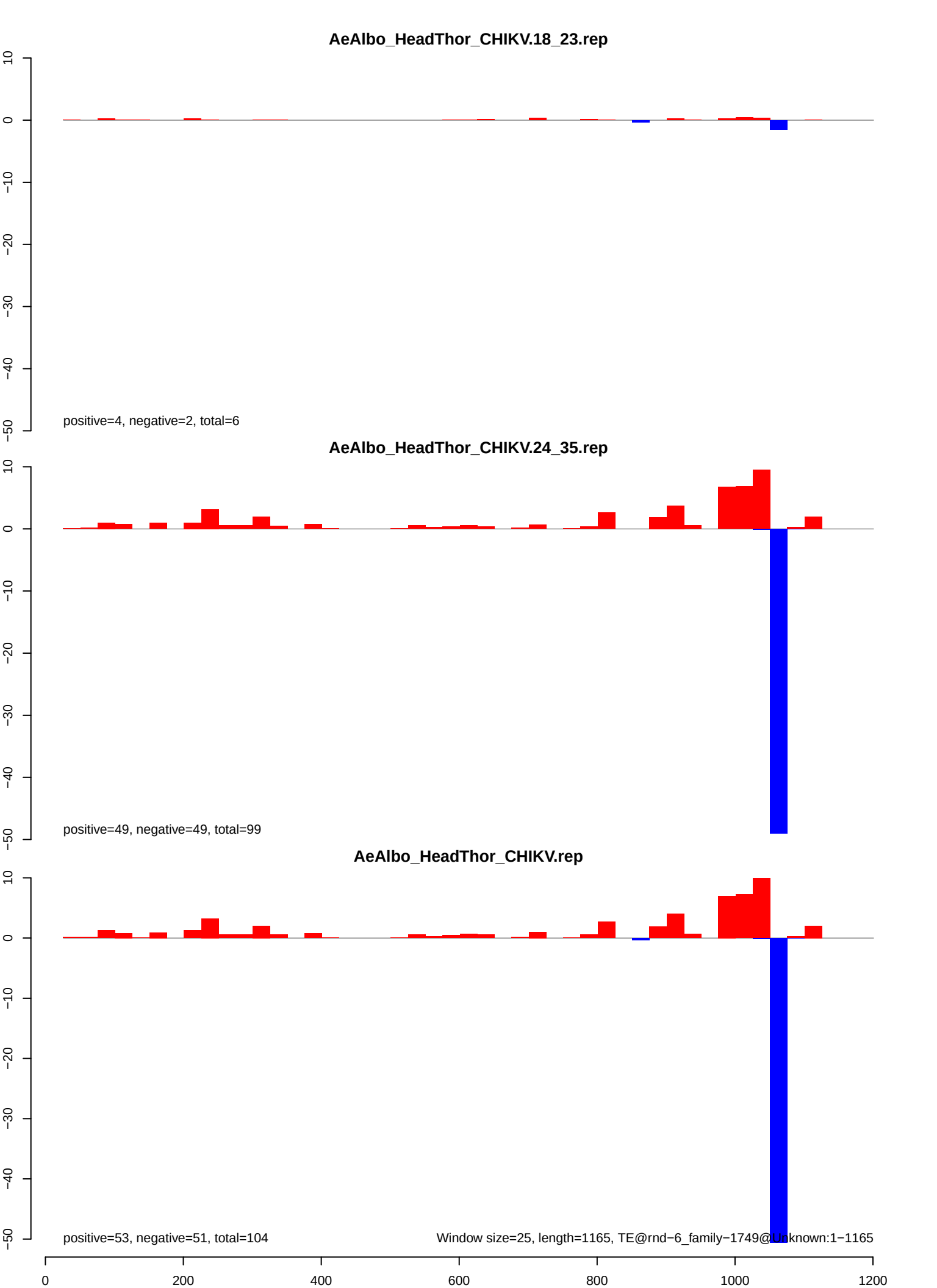

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=3, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=3, total=10
Window size=25, length=6420, TE@ltr−1_family−3585@LTR_Pao:1−6420
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000
5000
6000

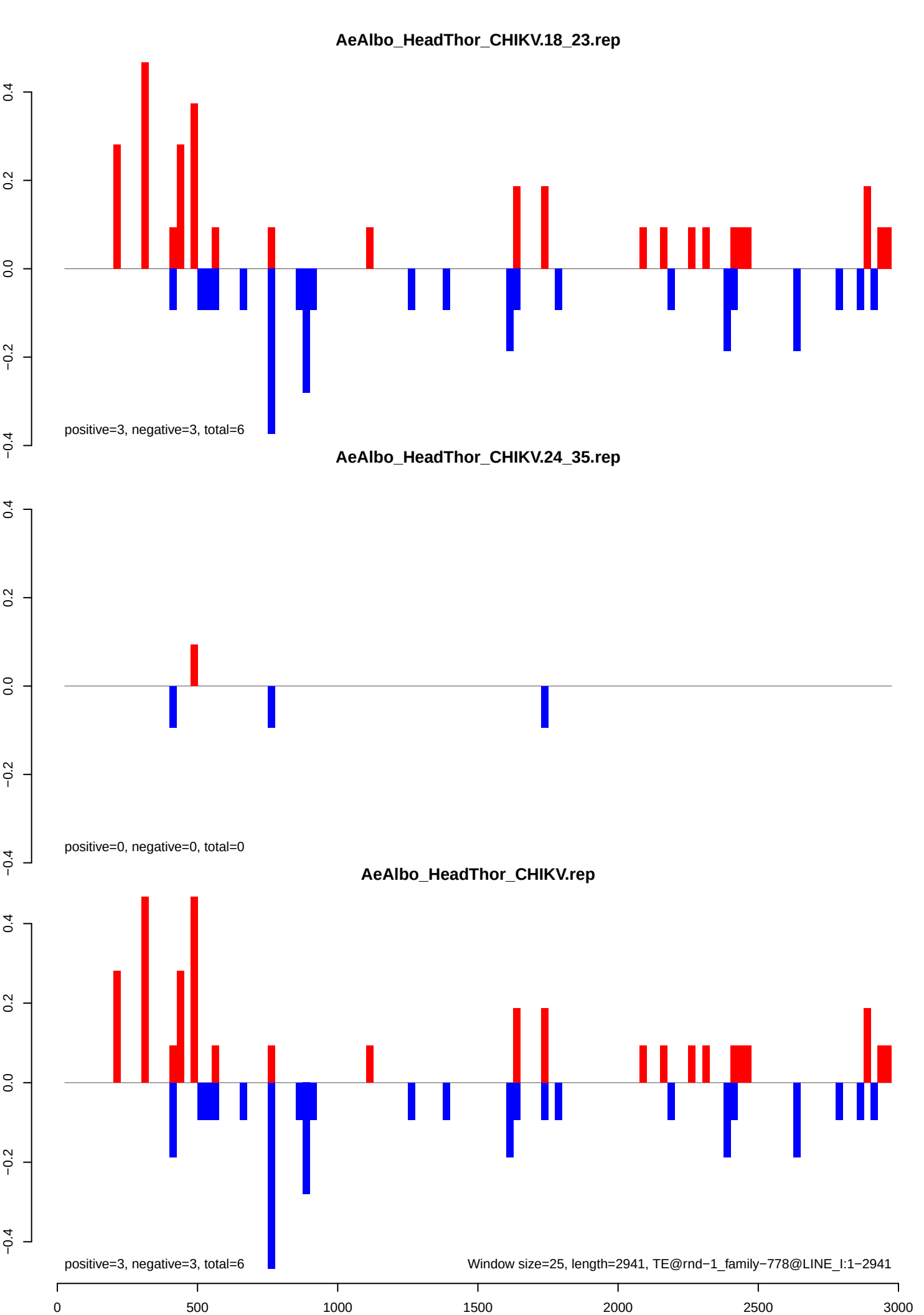

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=5, negative=29, total=34
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=5, negative=29, total=34
Window size=25, length=6345, TE@ltr−1_family−3582@LTR_Pao:1−6345
0
1000
2000
3000
4000
5000
6000

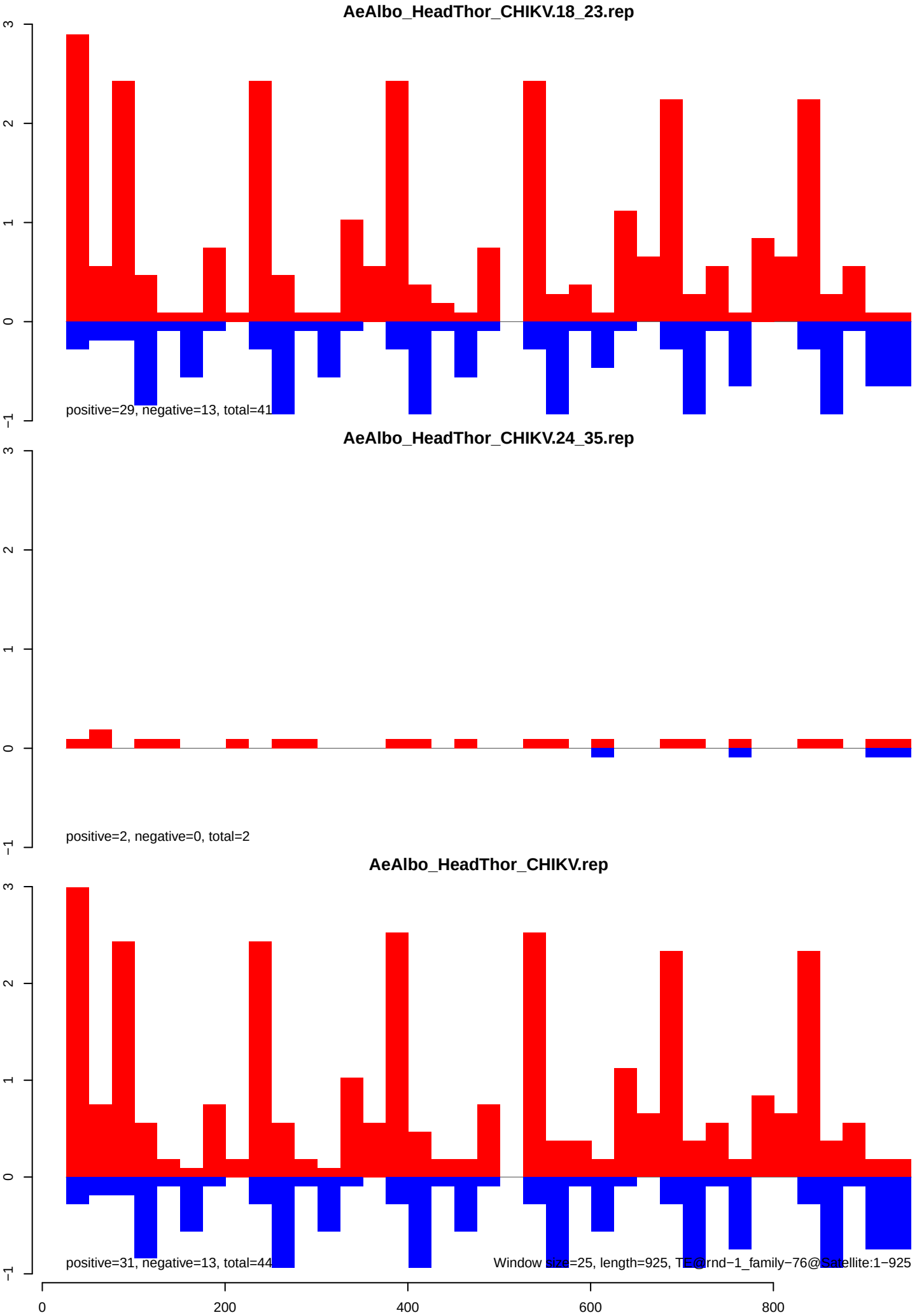

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=3, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=3, total=12
Window size=25, length=4413, TE@ltr−1_family−3397@LTR_Copia:1−4413
0
1000
2000
3000
4000

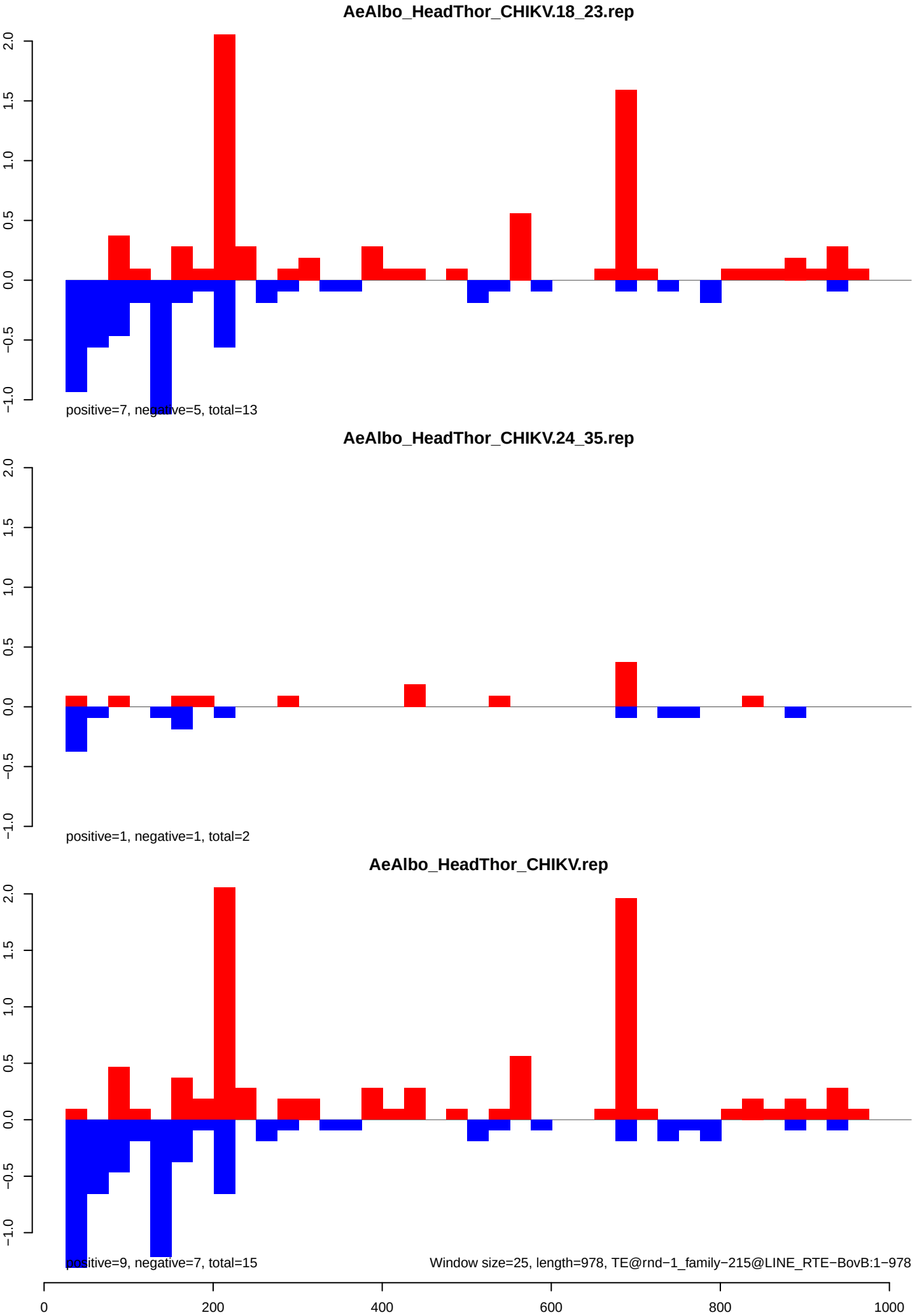

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=23, negative=24, total=47
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=24, negative=27, total=51
Window size=25, length=6210, TE@ltr−1_family−3374@LTR_Gypsy:1−6210
0
1000
2000
3000
4000
5000
6000

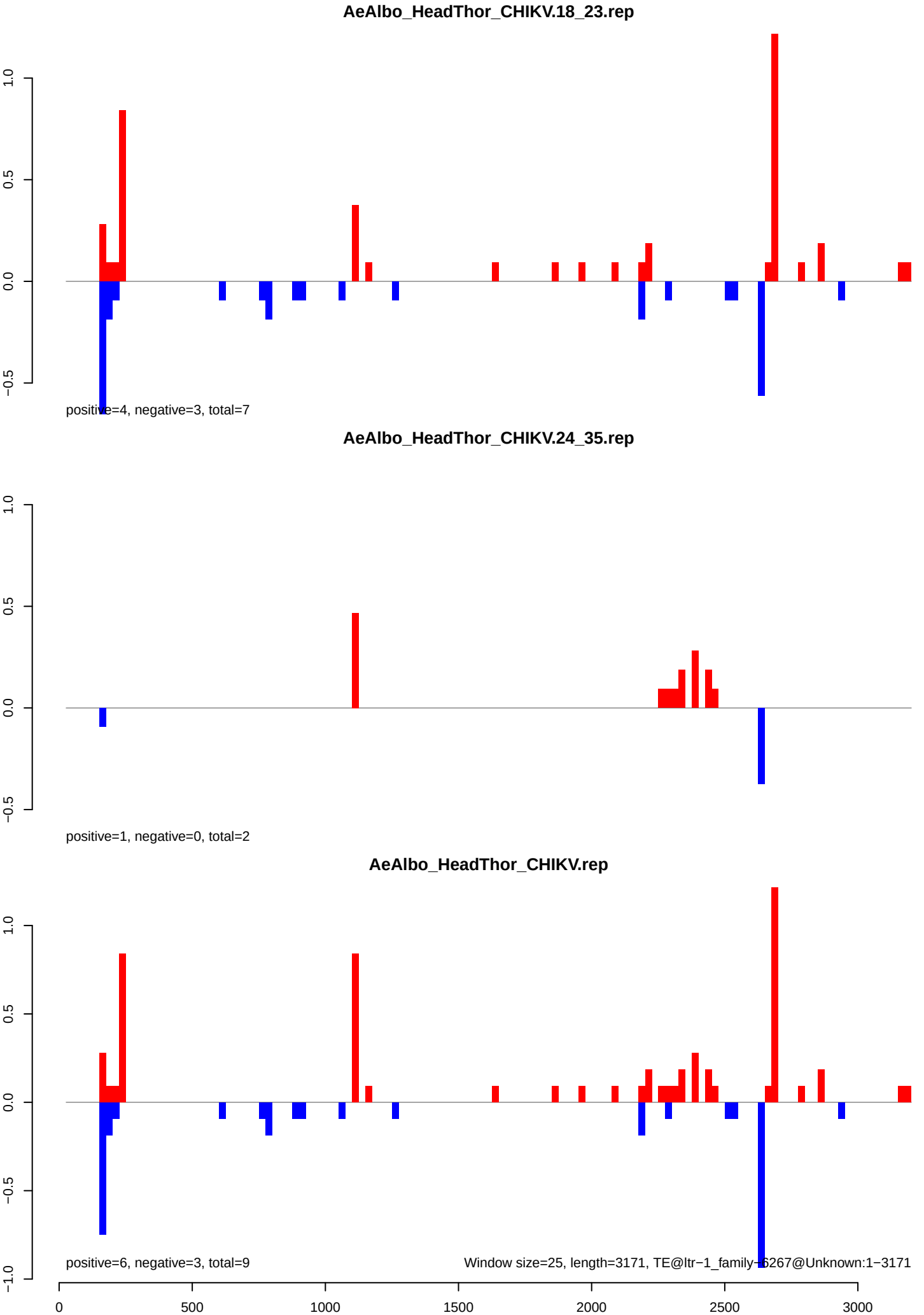

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=5, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=13, total=13
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=18, total=21
Window size=25, length=4867, TE@ltr−1_family−3322@LTR_Gypsy:1−4867
2
0
−2
−4
−6
−8
0
1000
2000
3000
4000
5000

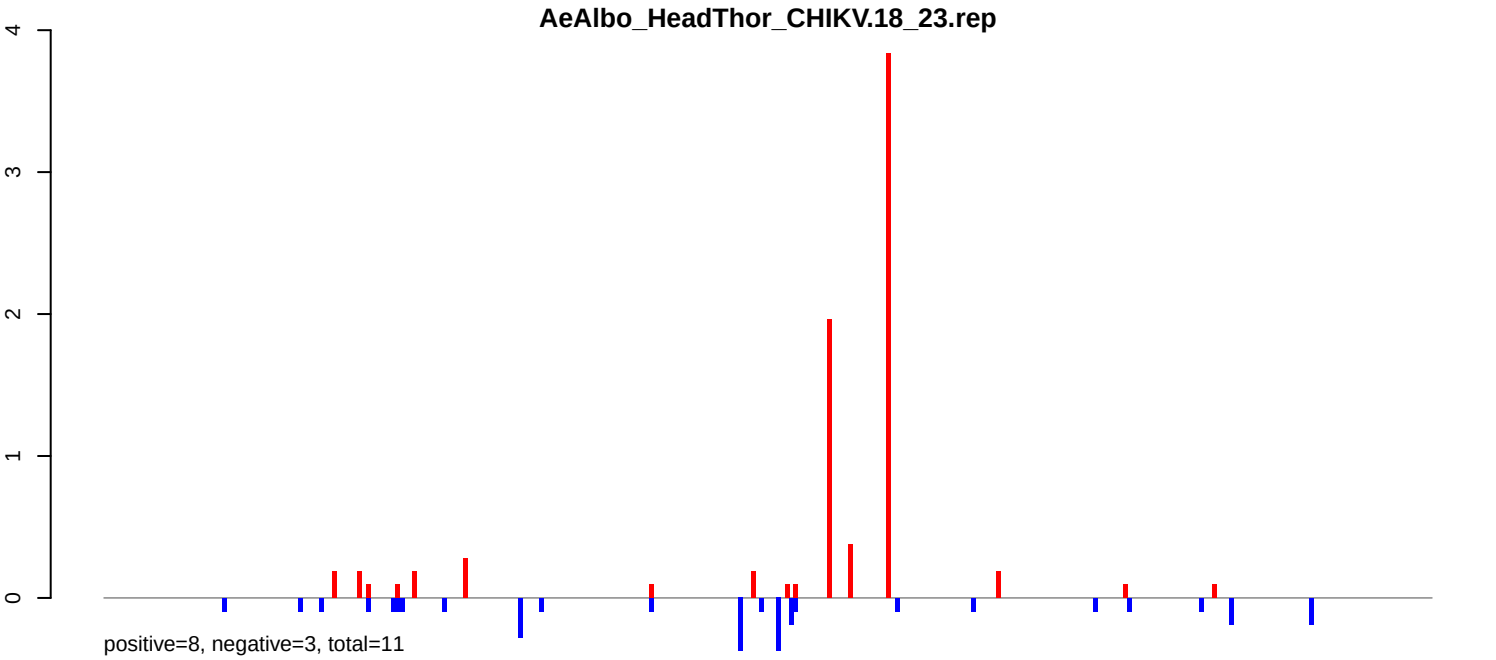

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=49, negative=49, total=99
AeAlbo_HeadThor_CHIKV.rep
positive=53, negative=51, total=104
Window size=25, length=1165, TE@rnd−6_family−1749@Unknown:1−1165
10
0
−10
−20
−30
−40
−50
0
200
400
600
800
1000
1200

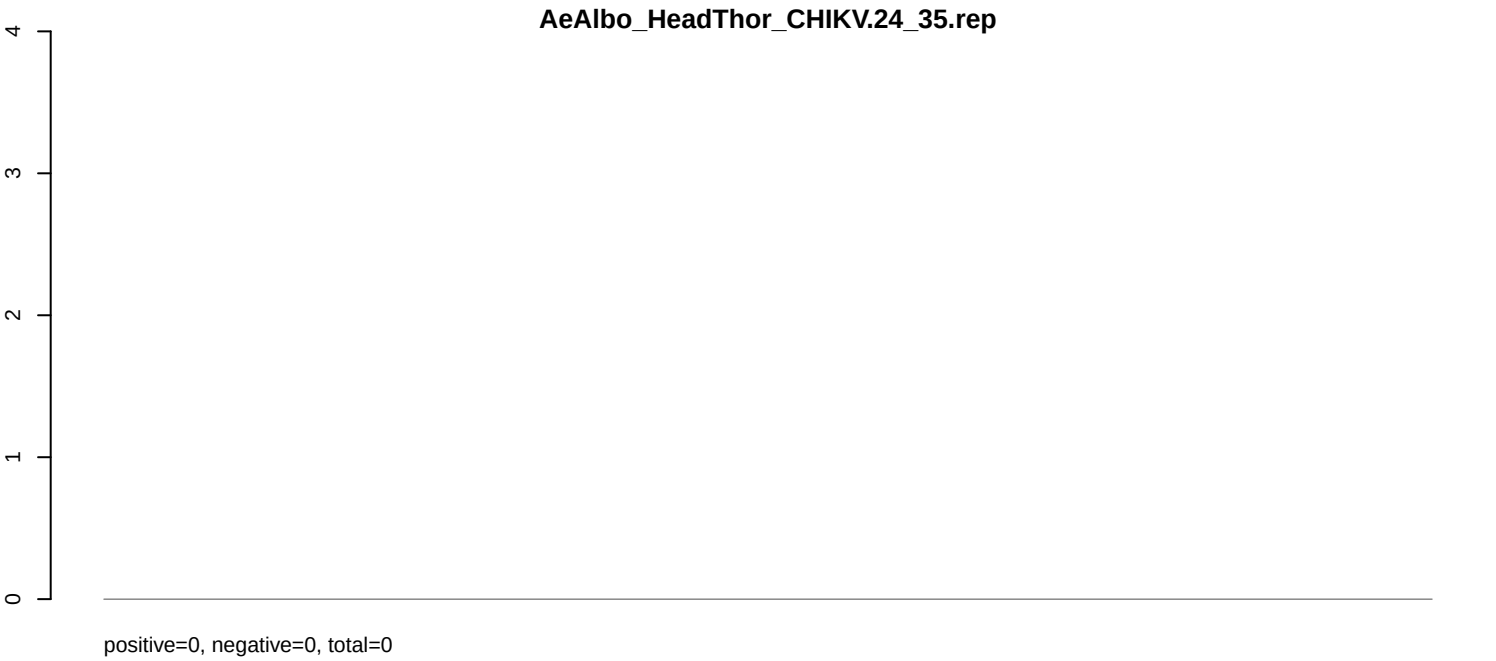

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=3, total=6
Window size=25, length=2941, TE@rnd−1_family−778@LINE_I:1−2941
0
500
1000
1500
2000
2500
3000

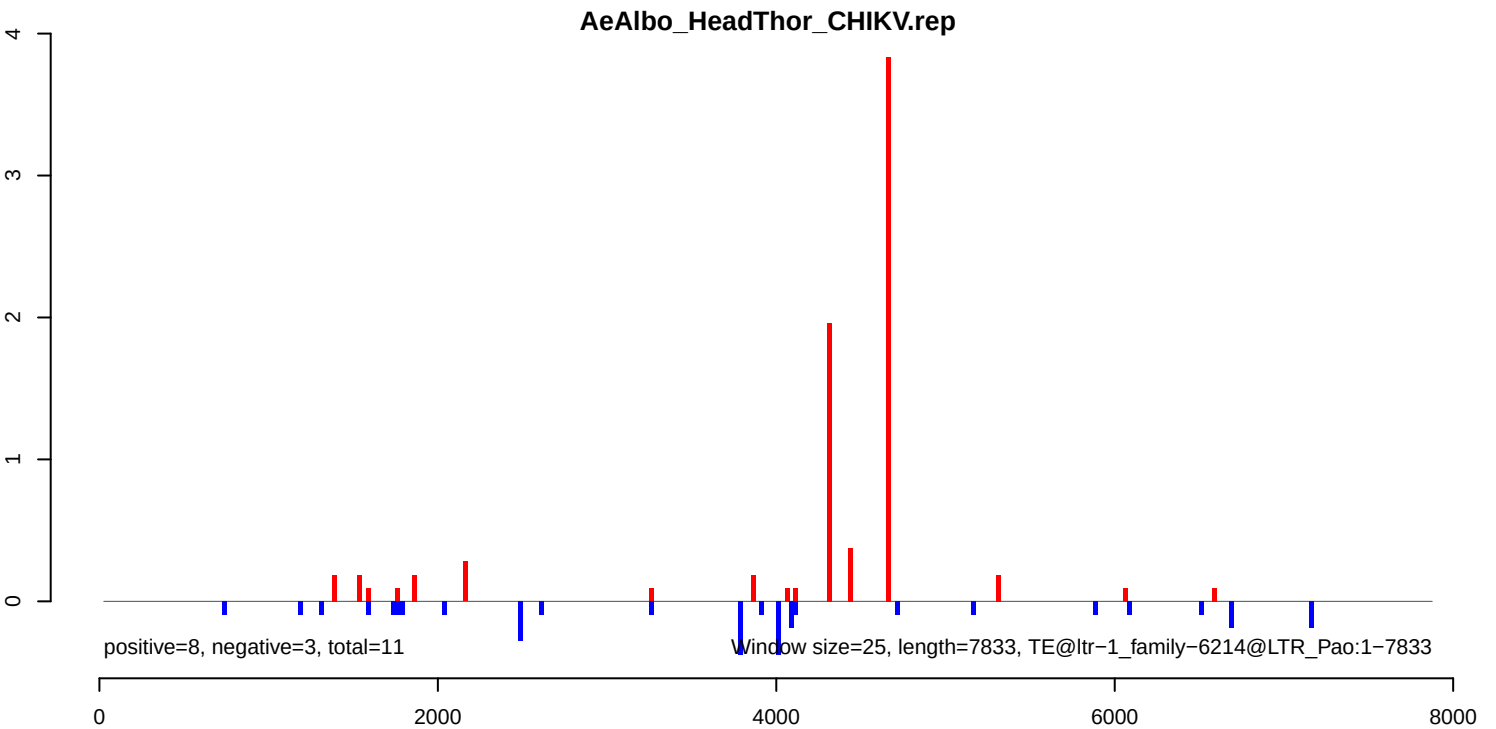

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=29, negative=13, total=41
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=31, negative=13, total=44
Window size=25, length=925, TE@rnd−1_family−76@Satellite:1−925
3
2
1
0
−1
0
200
400
600
800

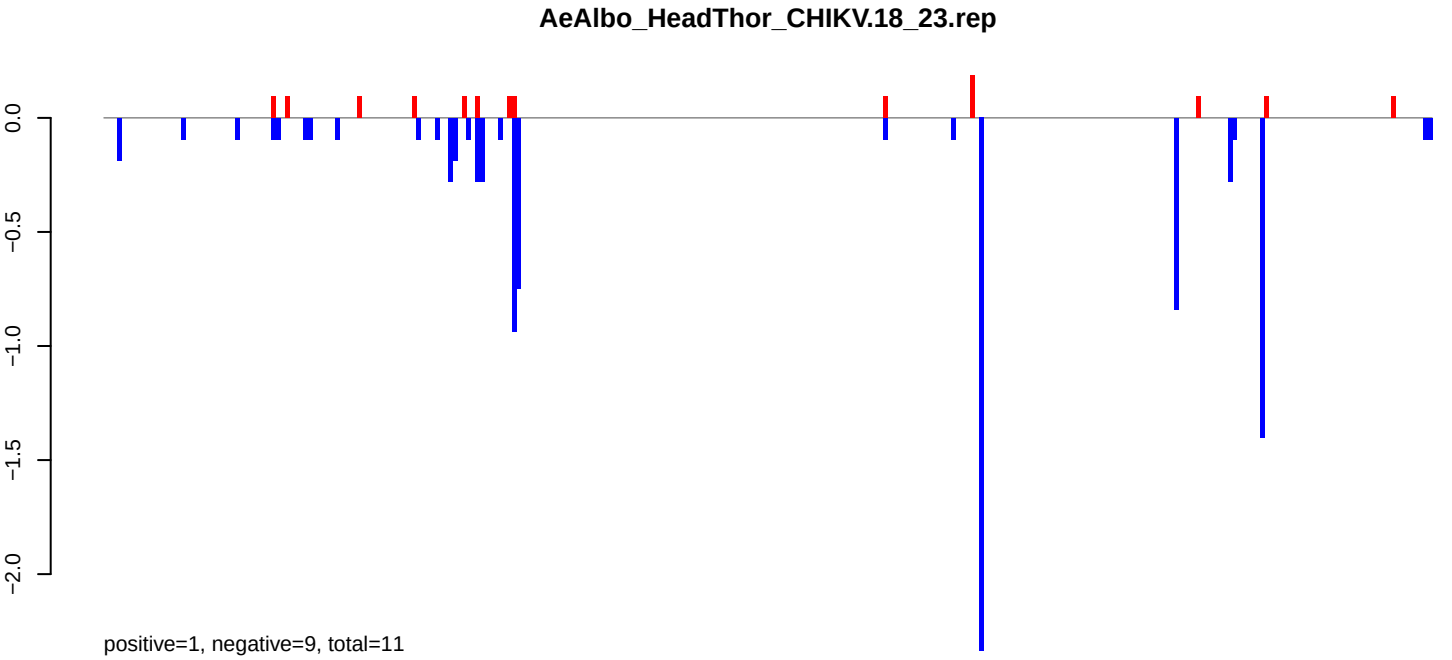

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=5, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=7, total=15
Window size=25, length=978, TE@rnd−1_family−215@LINE_RTE−BovB:1−978
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
200
400
600
800
1000

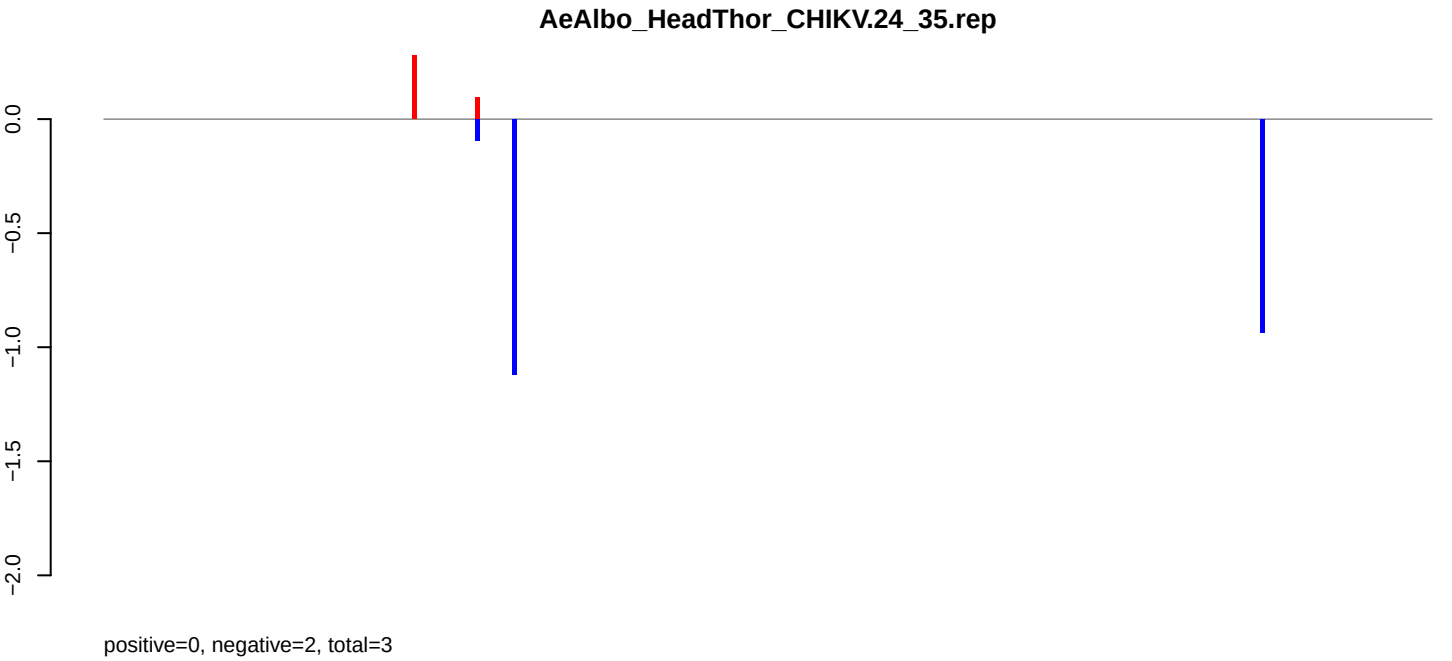

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=4, negative=3, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=6, negative=3, total=9
Window size=25, length=3171, TE@ltr−1_family−6267@Unknown:1−3171
0
500
1000
1500
2000
2500
3000

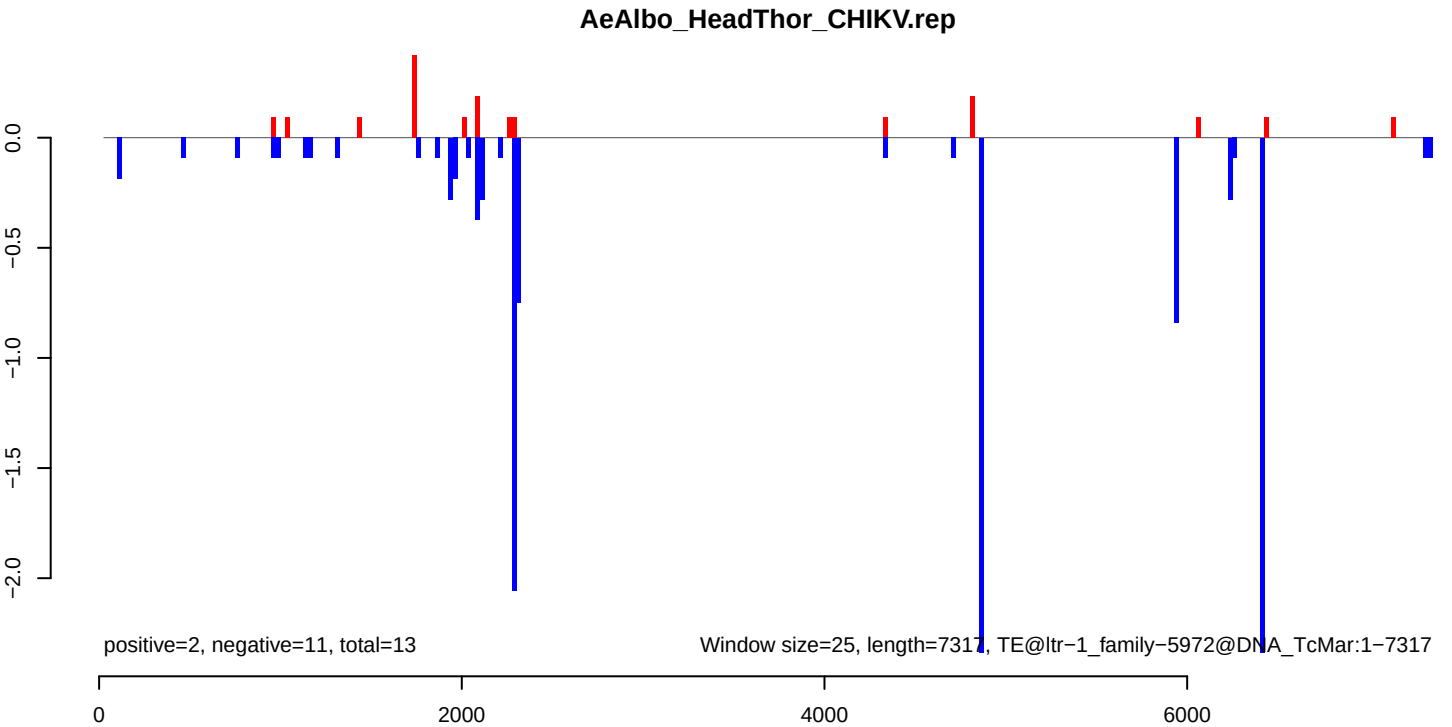

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=8, negative=3, total=11

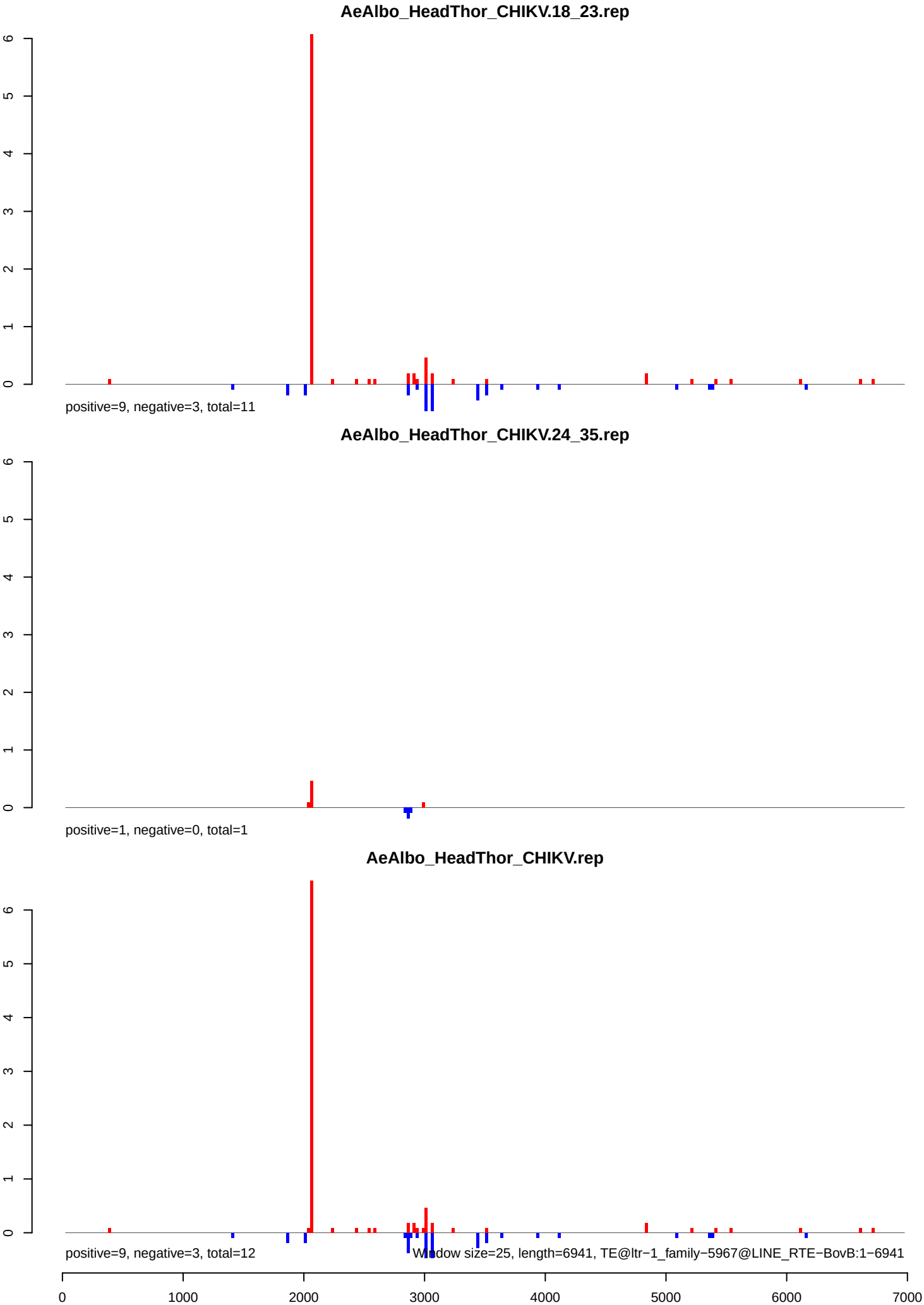

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0

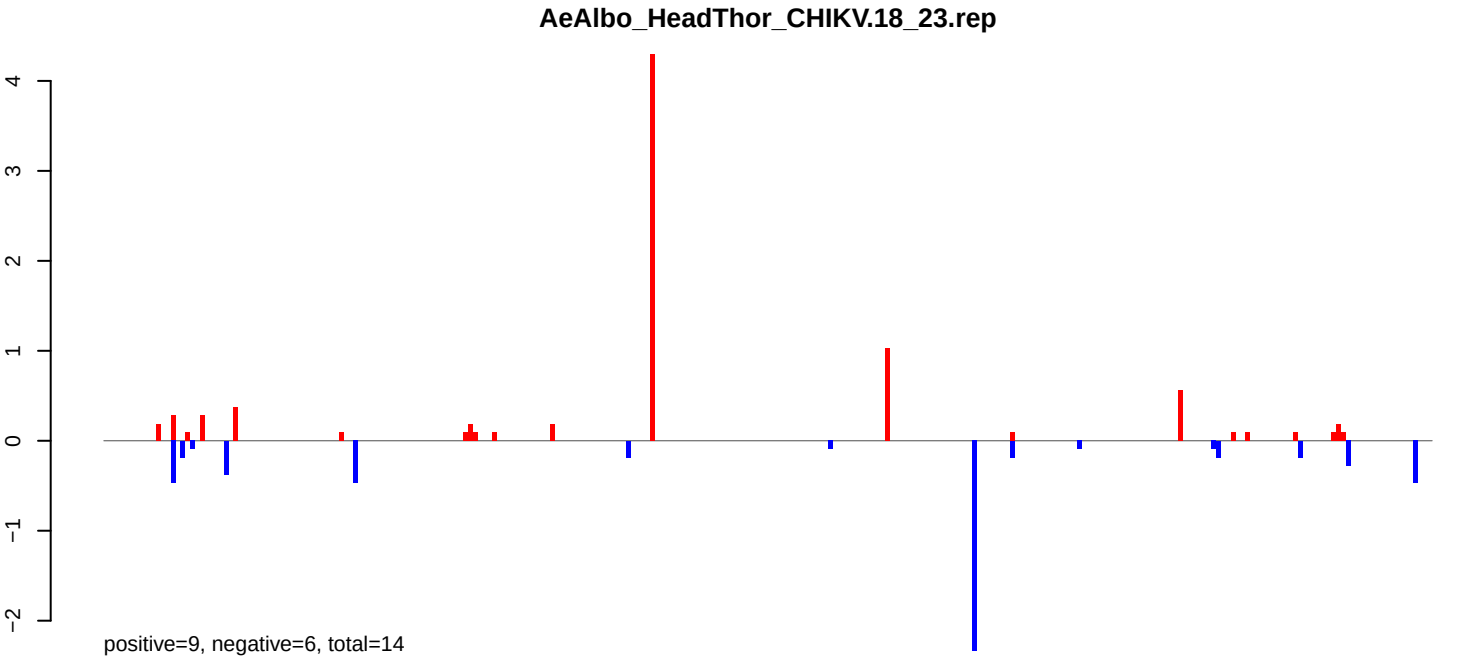

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=8, negative=3, total=11
Window size=25, length=7833, TE@ltr−1_family−6214@LTR_Pao:1−7833
0
2000
4000
6000
8000

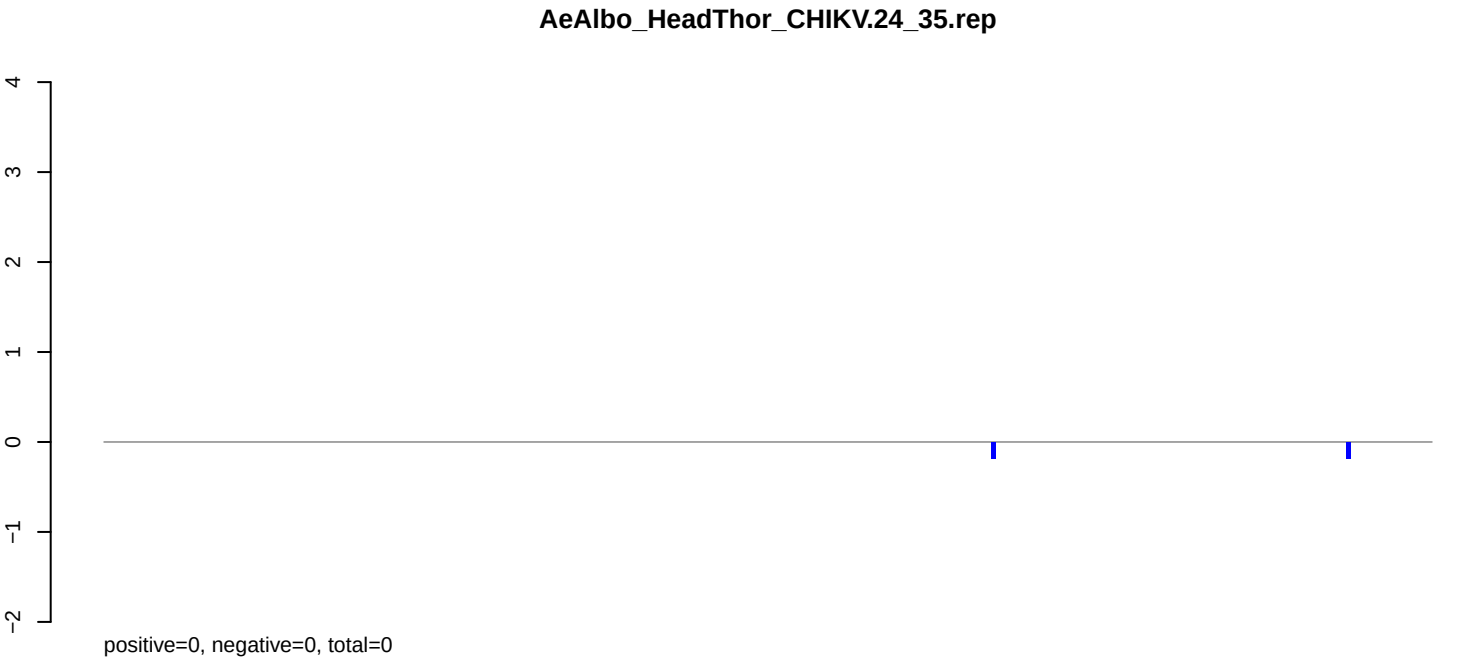

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=9, total=11

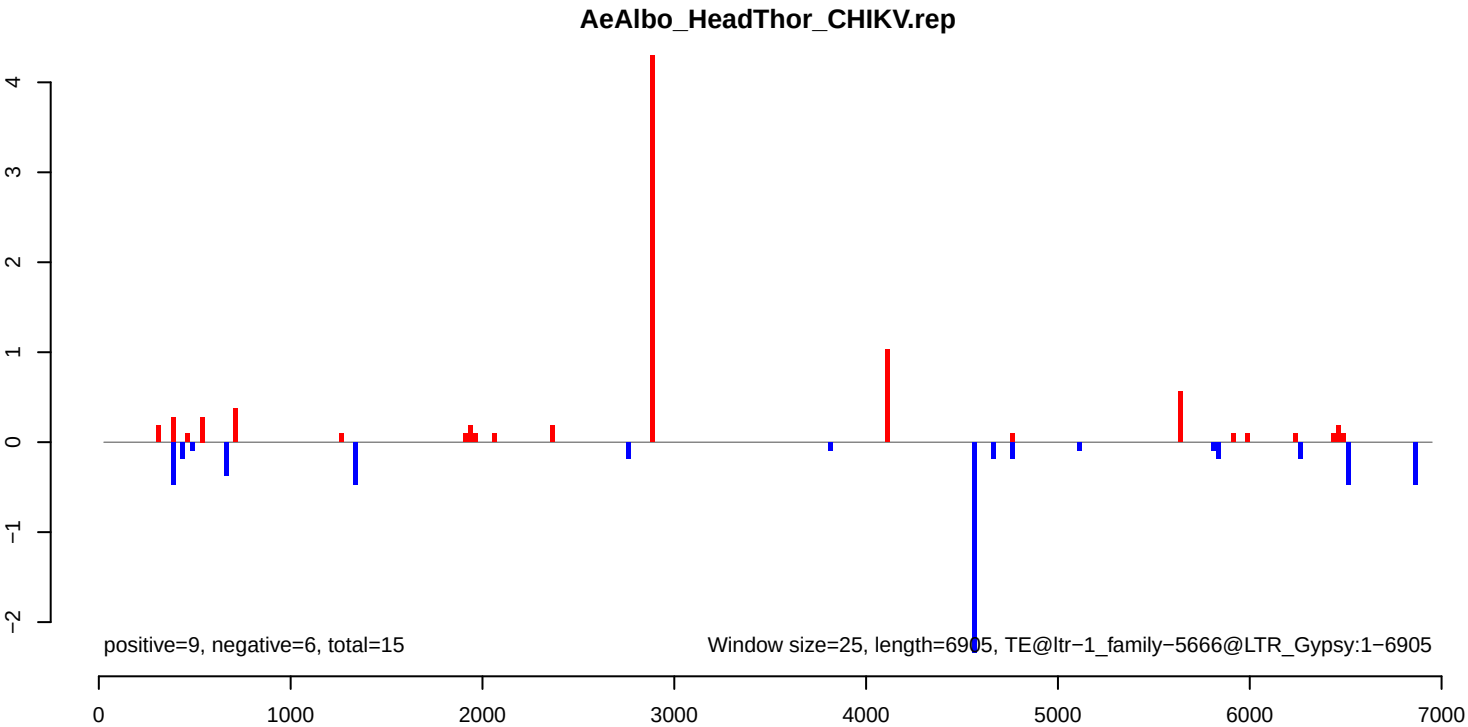

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=3

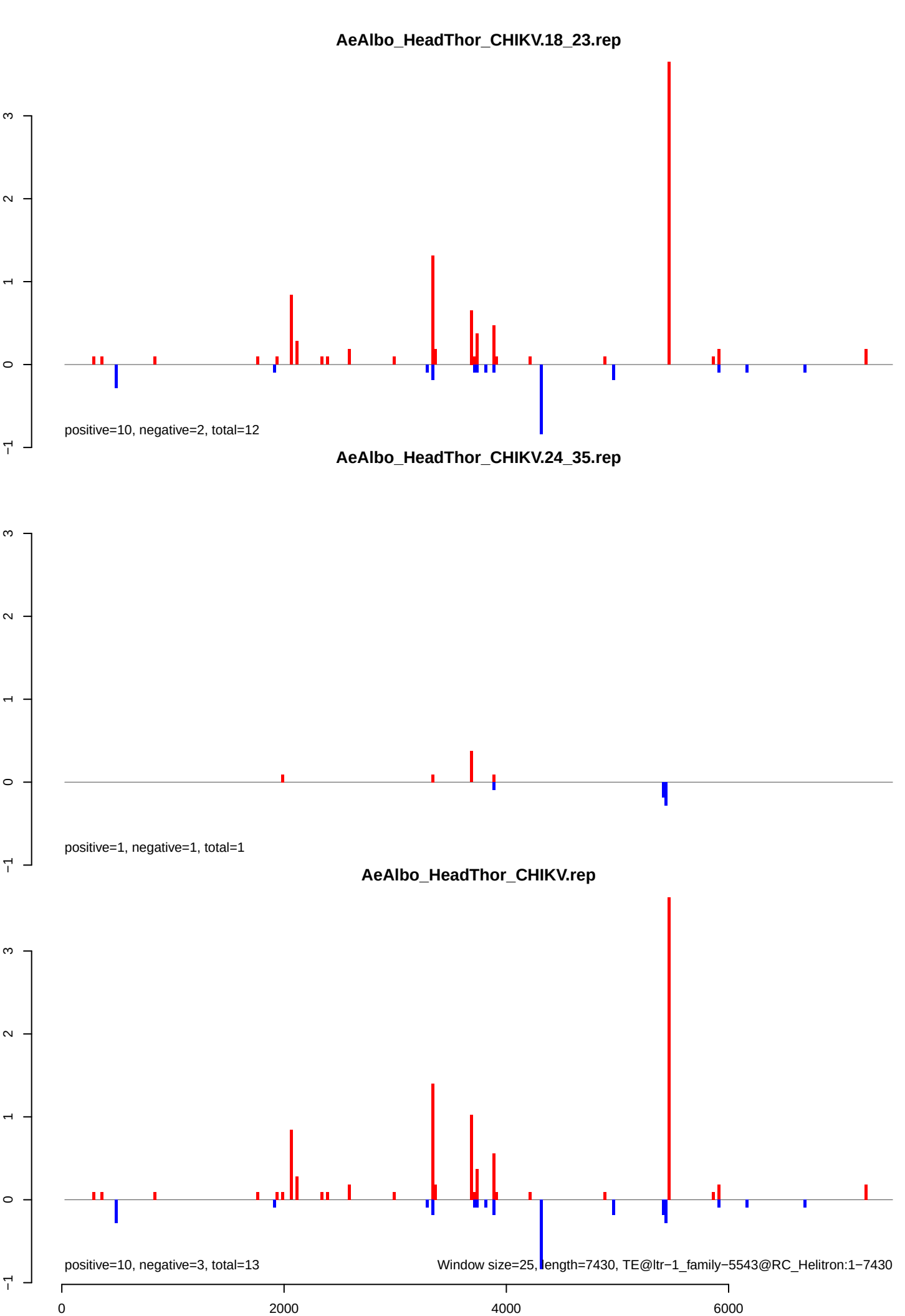

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=2, negative=11, total=13
Window size=25, length=7317, TE@ltr−1_family−5972@DNA_TcMar:1−7317
0
2000
4000
6000

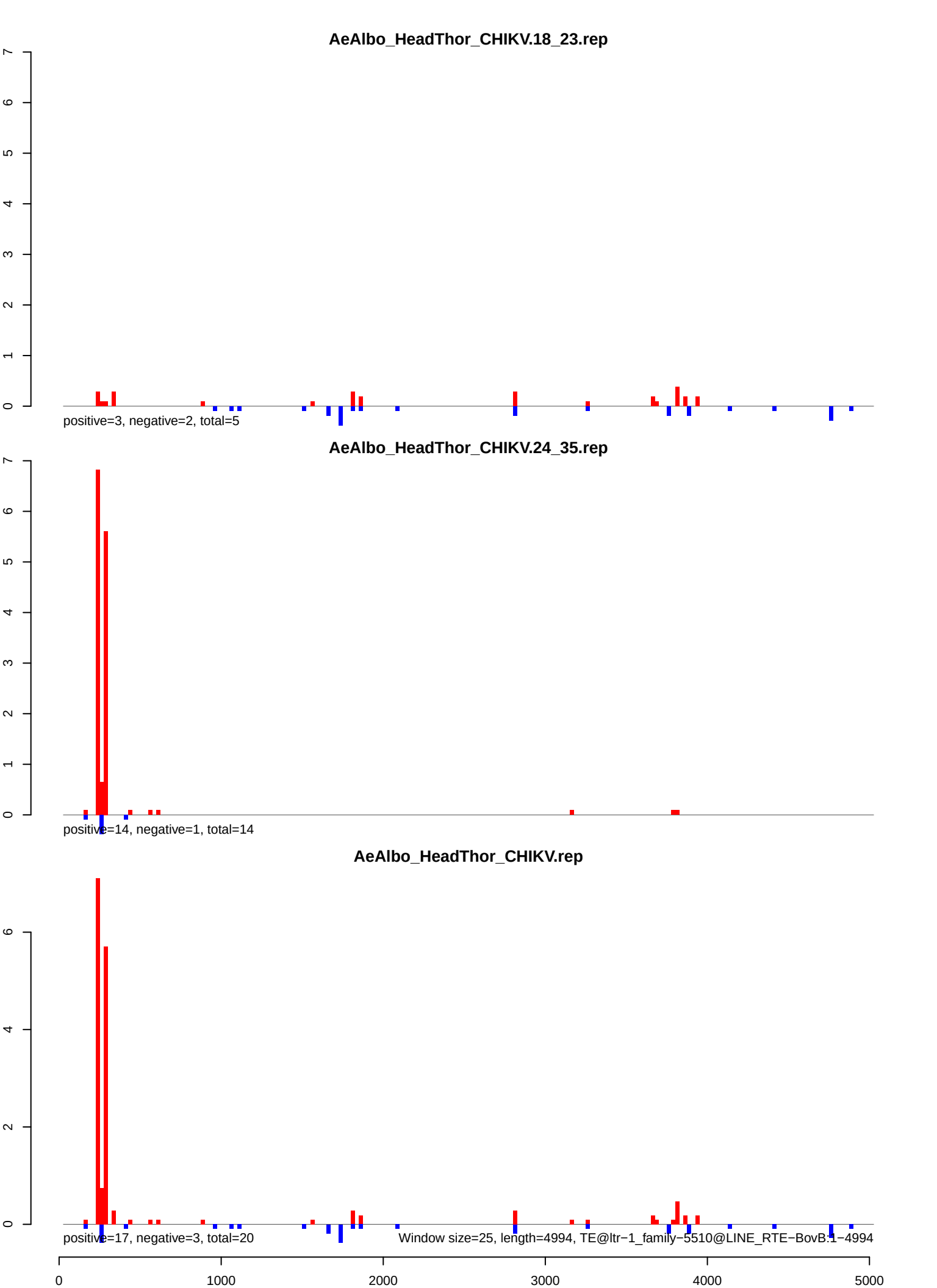

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=3, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=3, total=12
Window size=25, length=6941, TE@ltr−1_family−5967@LINE_RTE−BovB:1−6941
0
1000
2000
3000
4000
5000
6000
7000

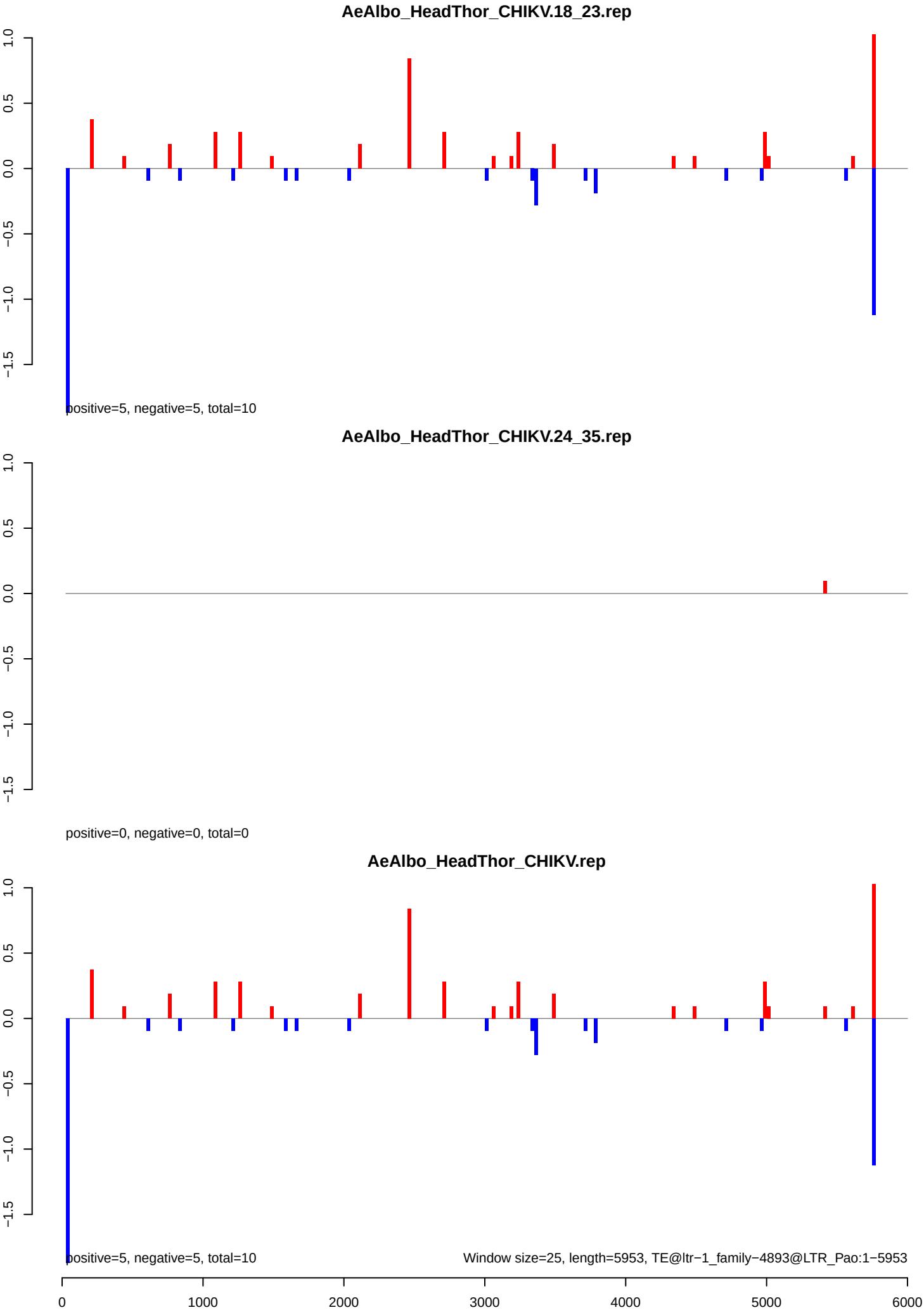

AeAlbo_HeadThor_CHIKV.18_23.rep
4
3
2
1
0
−1
−2
positive=9, negative=6, total=14

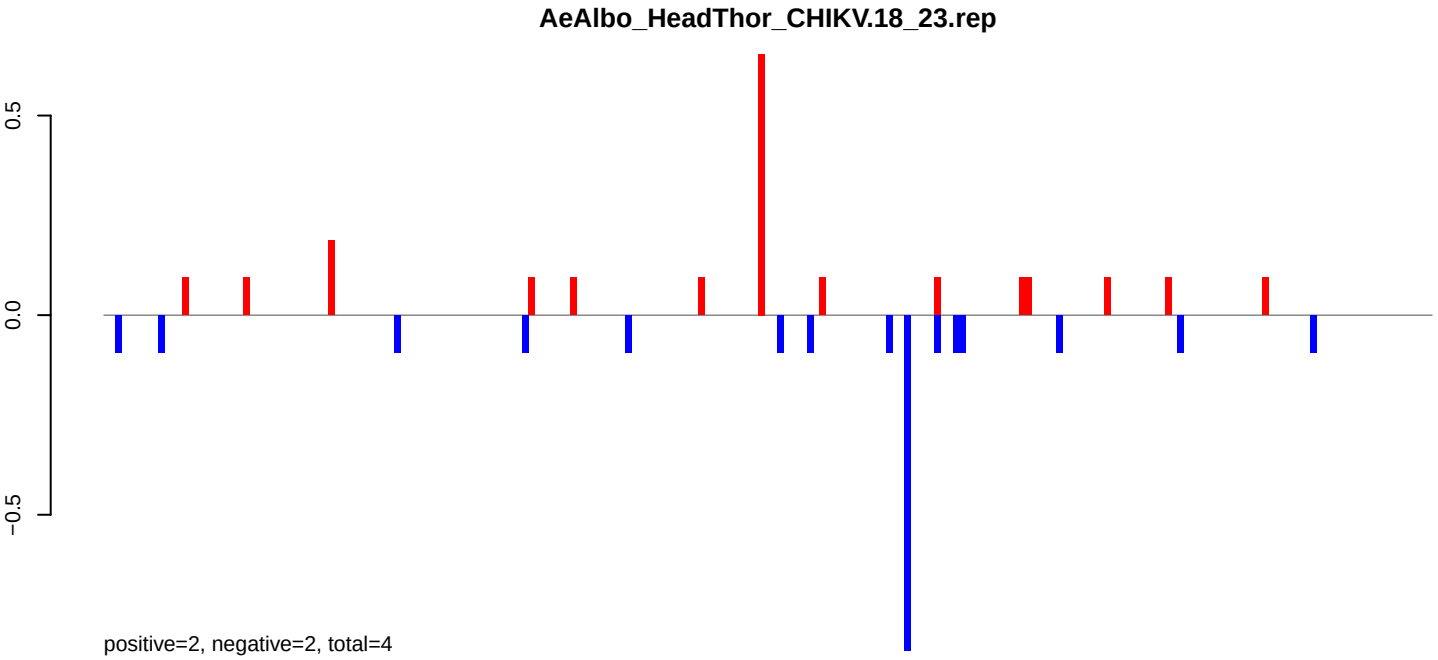

AeAlbo_HeadThor_CHIKV.24_35.rep
4
3
2
1
0
−1
−2
positive=0, negative=0, total=0

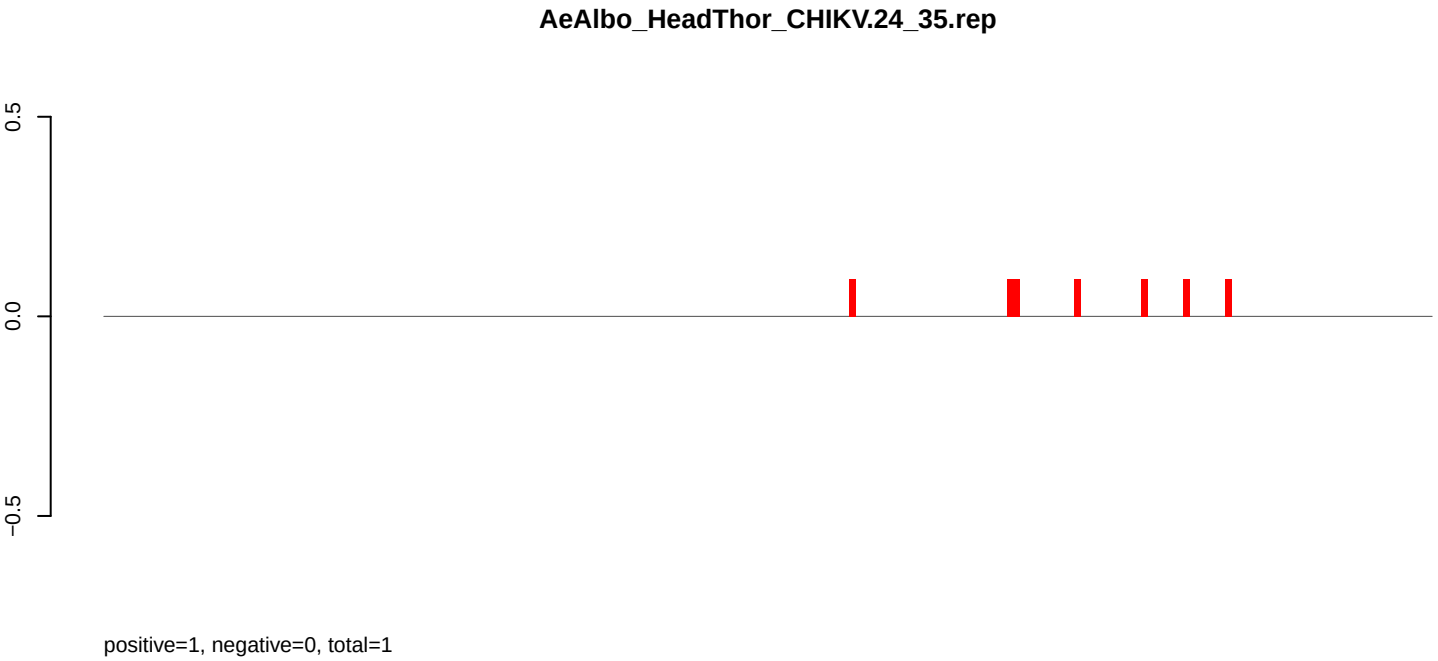

AeAlbo_HeadThor_CHIKV.rep
4
3
2
1
0
−1
−2
positive=9, negative=6, total=15
Window size=25, length=6905, TE@ltr−1_family−5666@LTR_Gypsy:1−6905
0
1000
2000
3000
4000
5000
6000
7000

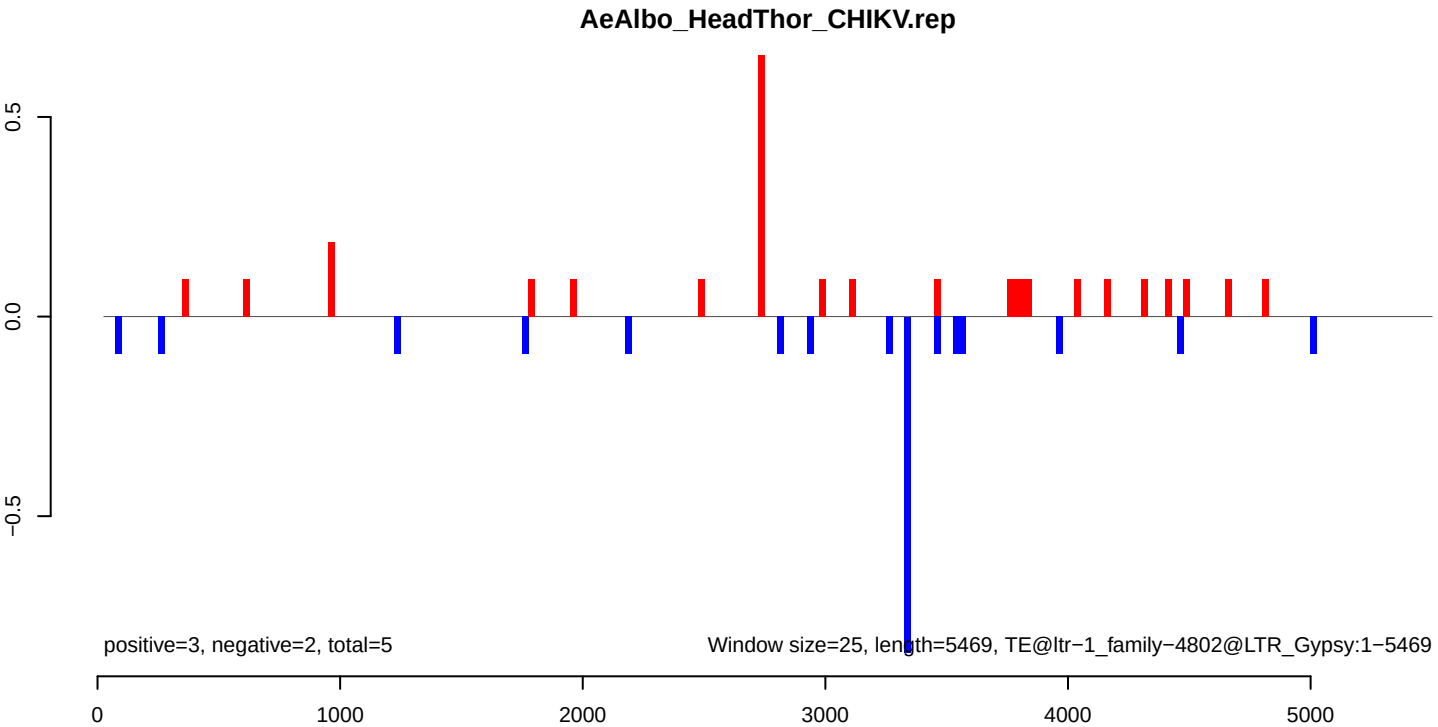

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=2, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=3, total=13
Window size=25, length=7430, TE@ltr−1_family−5543@RC_Helitron:1−7430
0
2000
4000
6000

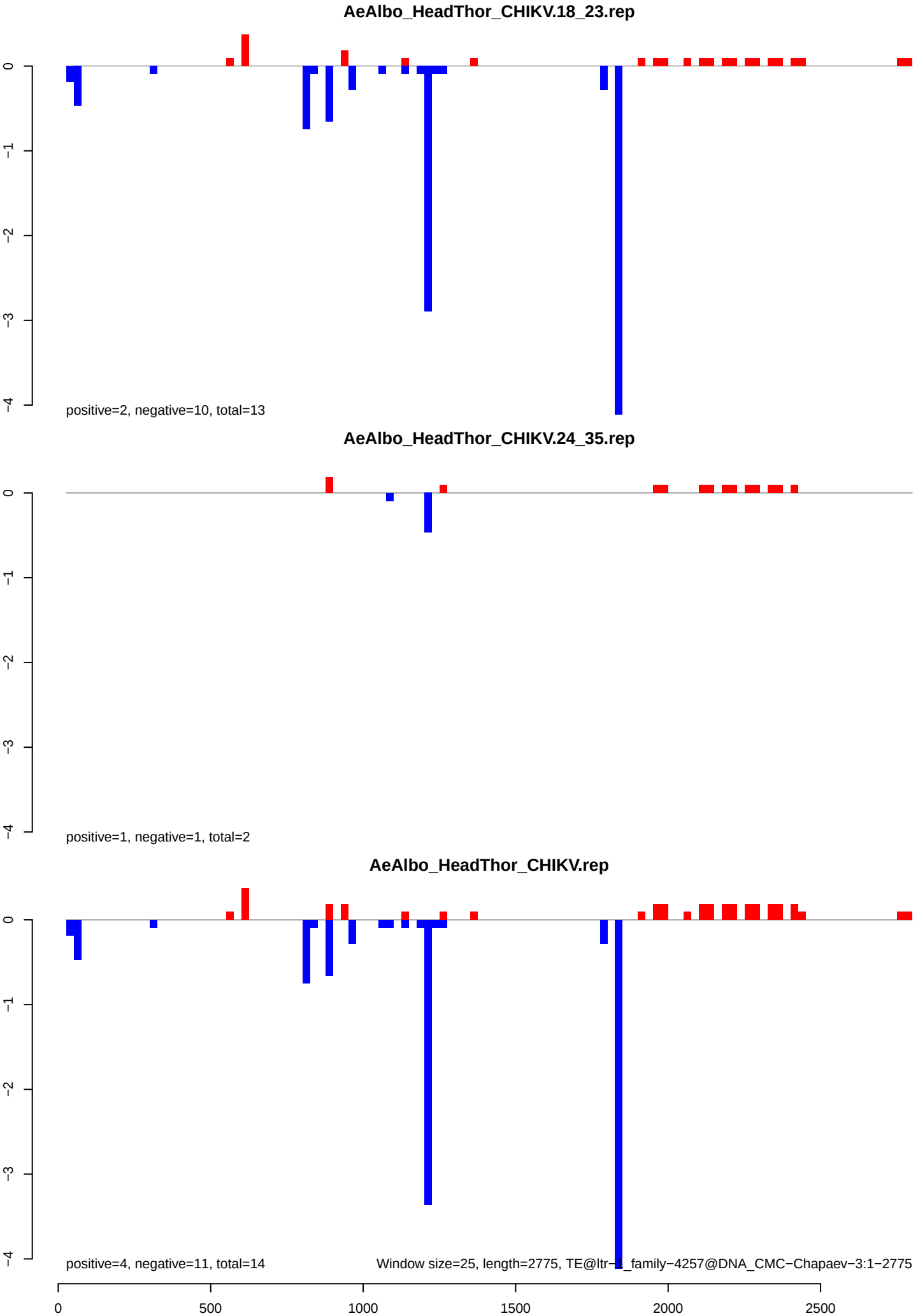

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=14, negative=1, total=14
AeAlbo_HeadThor_CHIKV.rep
positive=17, negative=3, total=20
Window size=25, length=4994, TE@ltr−1_family−5510@LINE_RTE−BovB:1−4994
0
1000
2000
3000
4000
5000

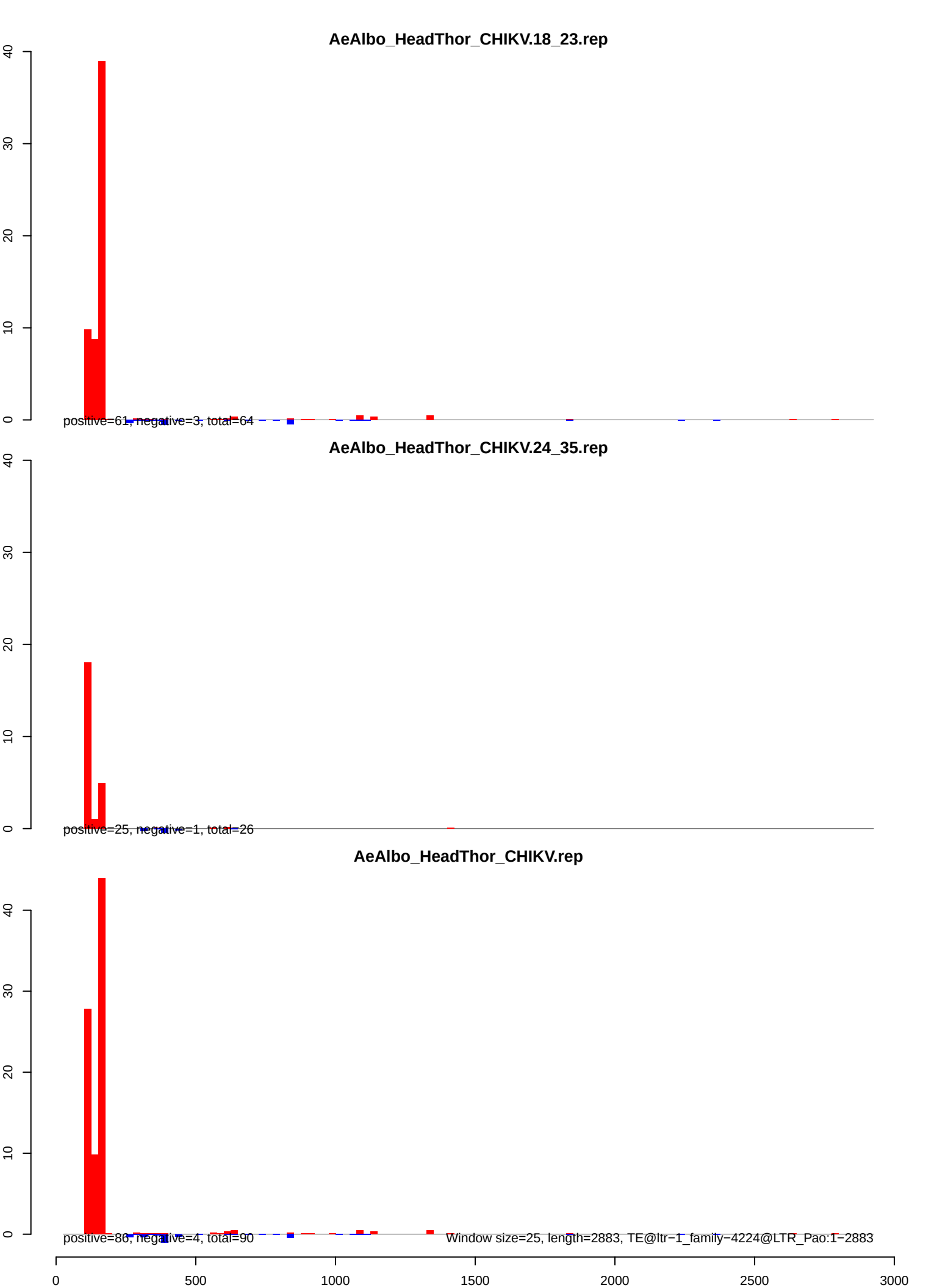

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=5, negative=5, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=5, negative=5, total=10
Window size=25, length=5953, TE@ltr−1_family−4893@LTR_Pao:1−5953
0
1000
2000
3000
4000
5000
6000

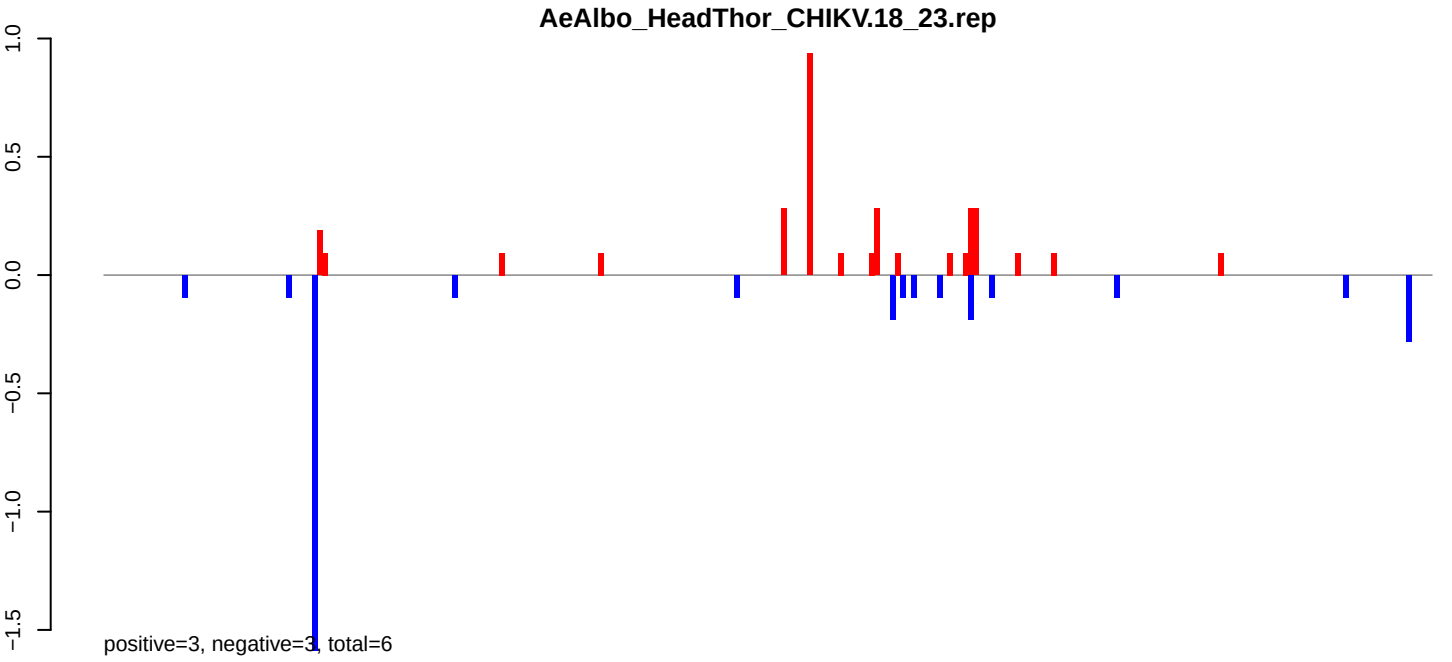

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=2, negative=2, total=4

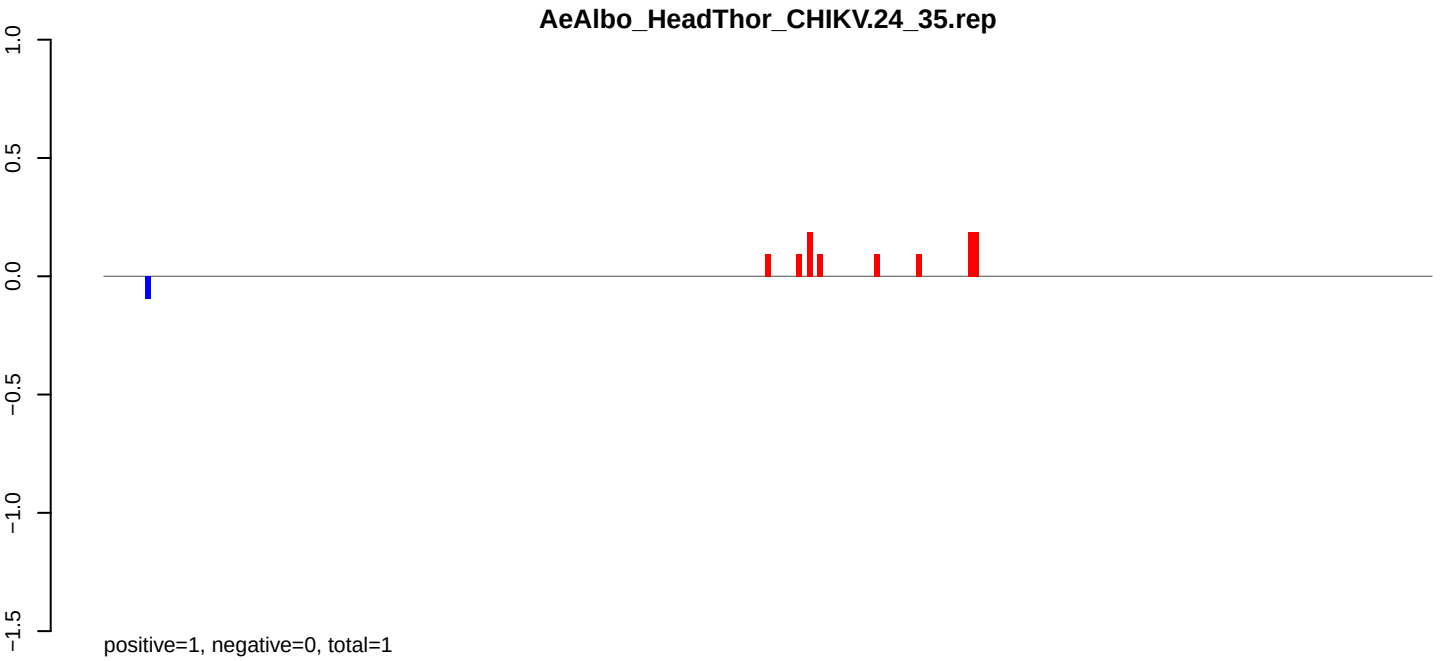

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=1, negative=0, total=1

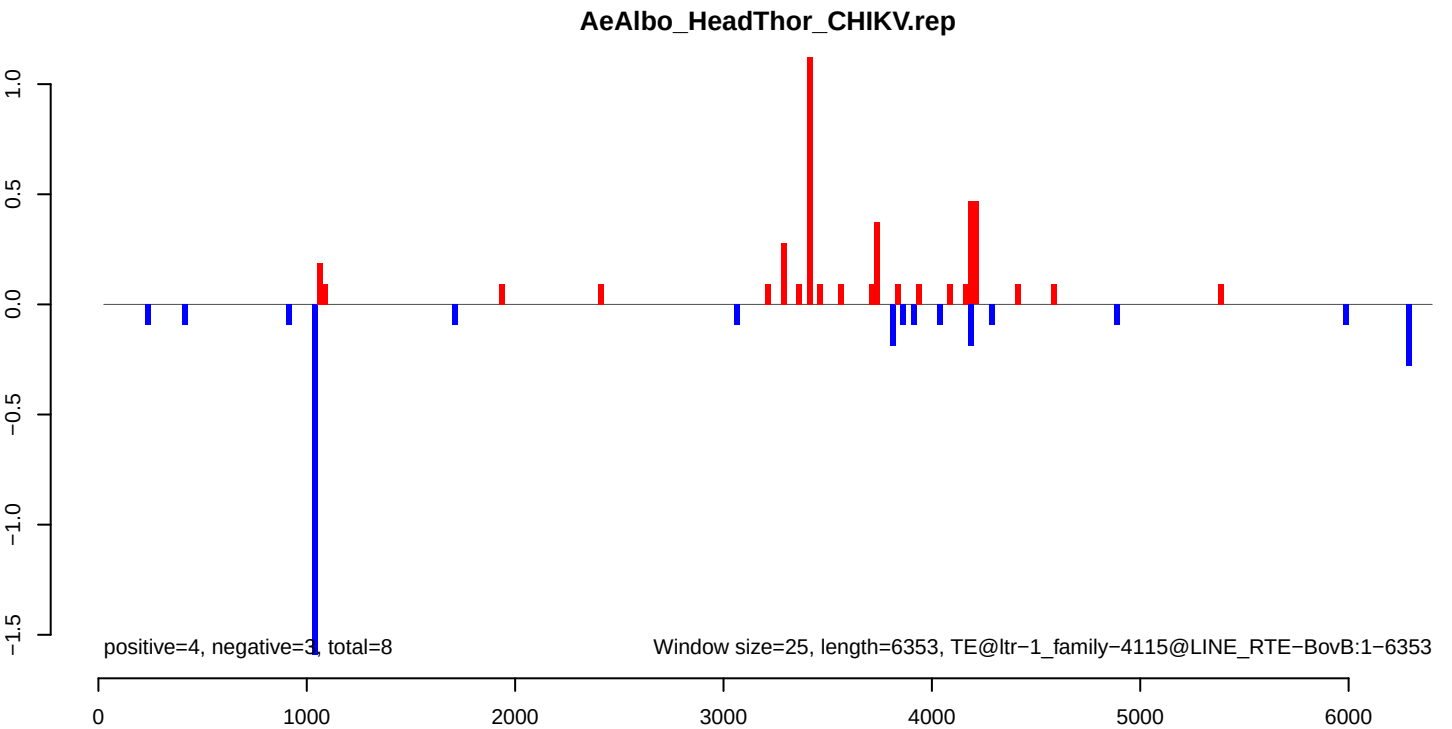

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=3, negative=2, total=5
Window size=25, length=5469, TE@ltr−1_family−4802@LTR_Gypsy:1−5469
0
1000
2000
3000
4000
5000

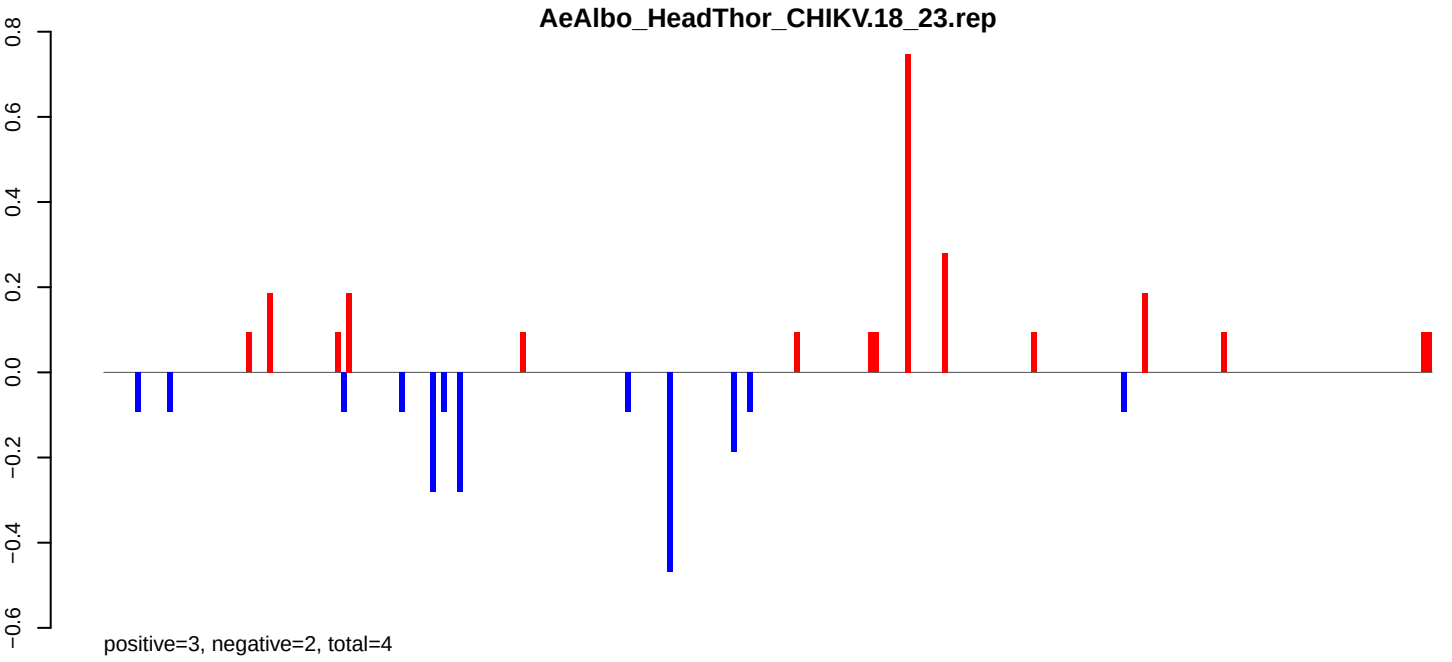

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=10, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=11, total=14
Window size=25, length=2775, TE@ltr−1_family−4257@DNA_CMC−Chapaev−3:1−2775
0
500
1000
1500
2000
2500

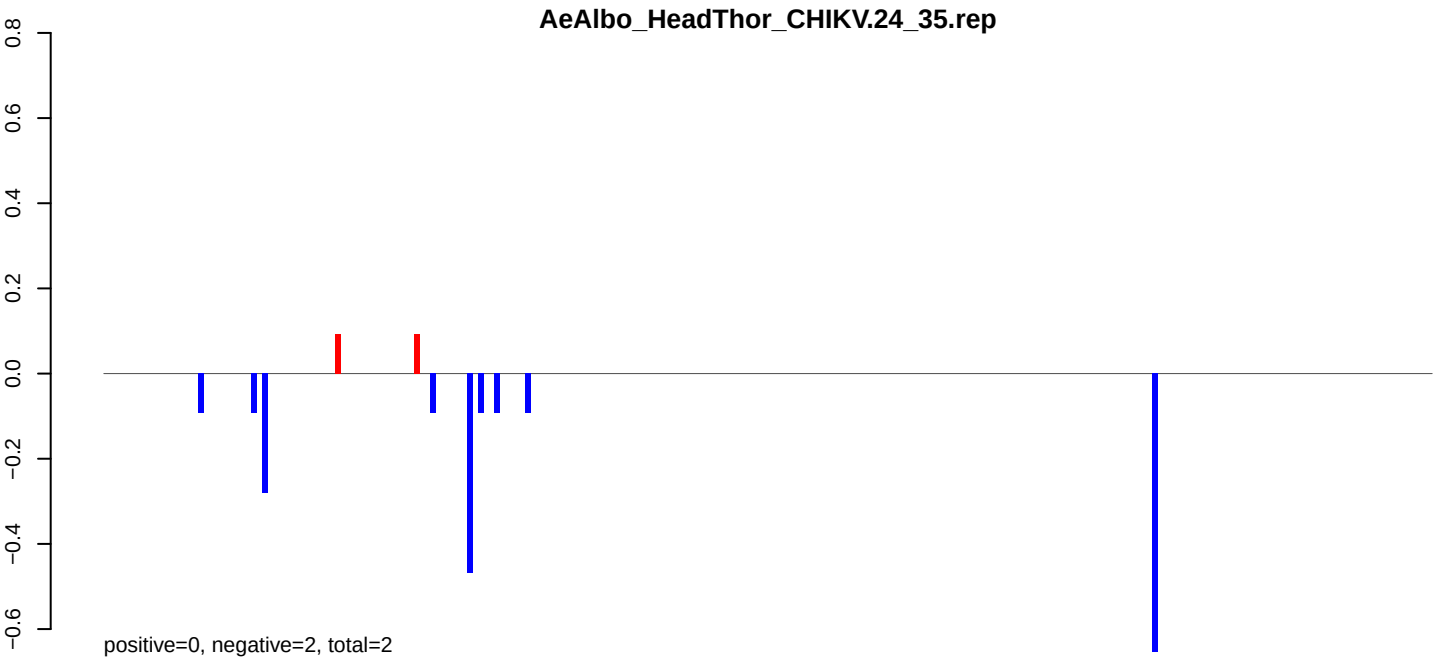

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=61, negative=3, total=64
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=25, negative=1, total=26
AeAlbo_HeadThor_CHIKV.rep
positive=86, negative=4, total=90
Window size=25, length=2883, TE@ltr−1_family−4224@LTR_Pao:1−2883
0
10
20
30
40
0
500
1000
1500
2000
2500
3000

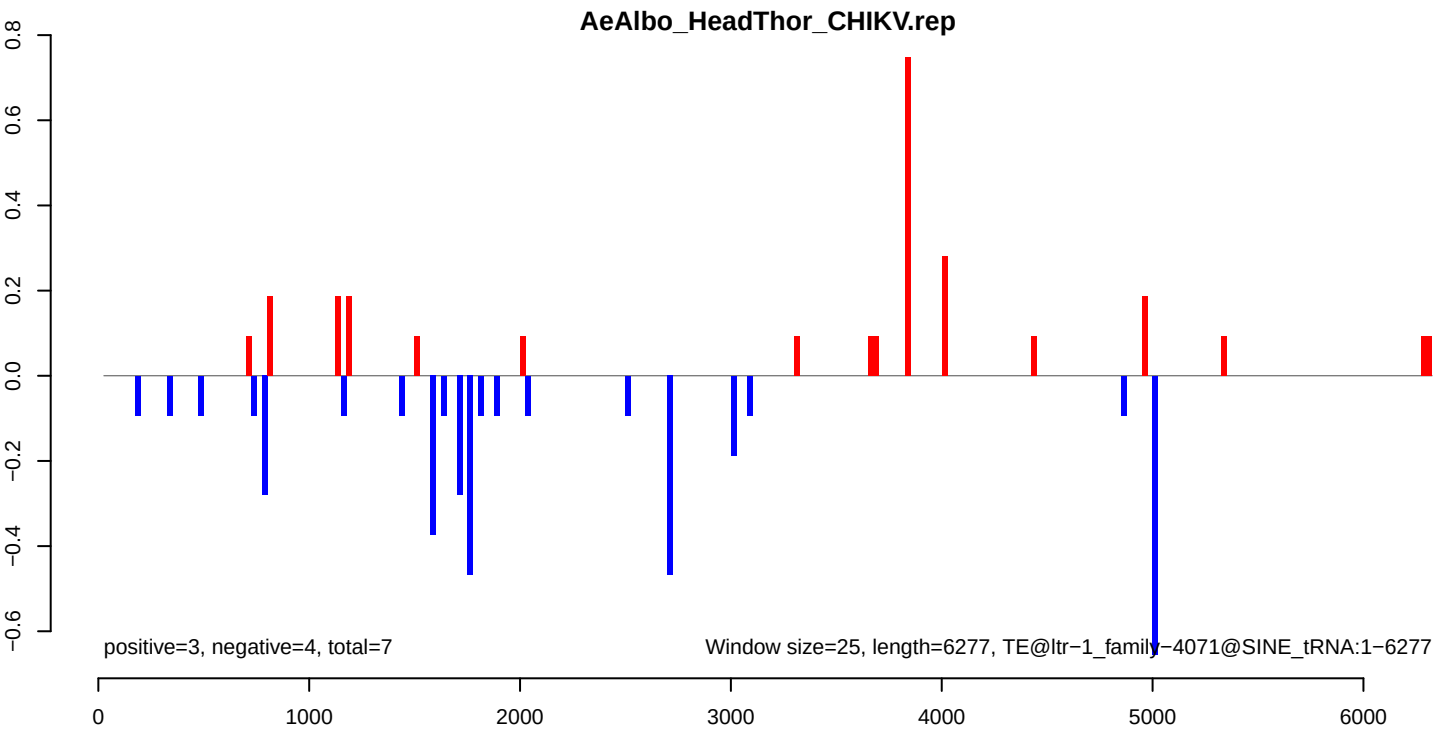

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=6

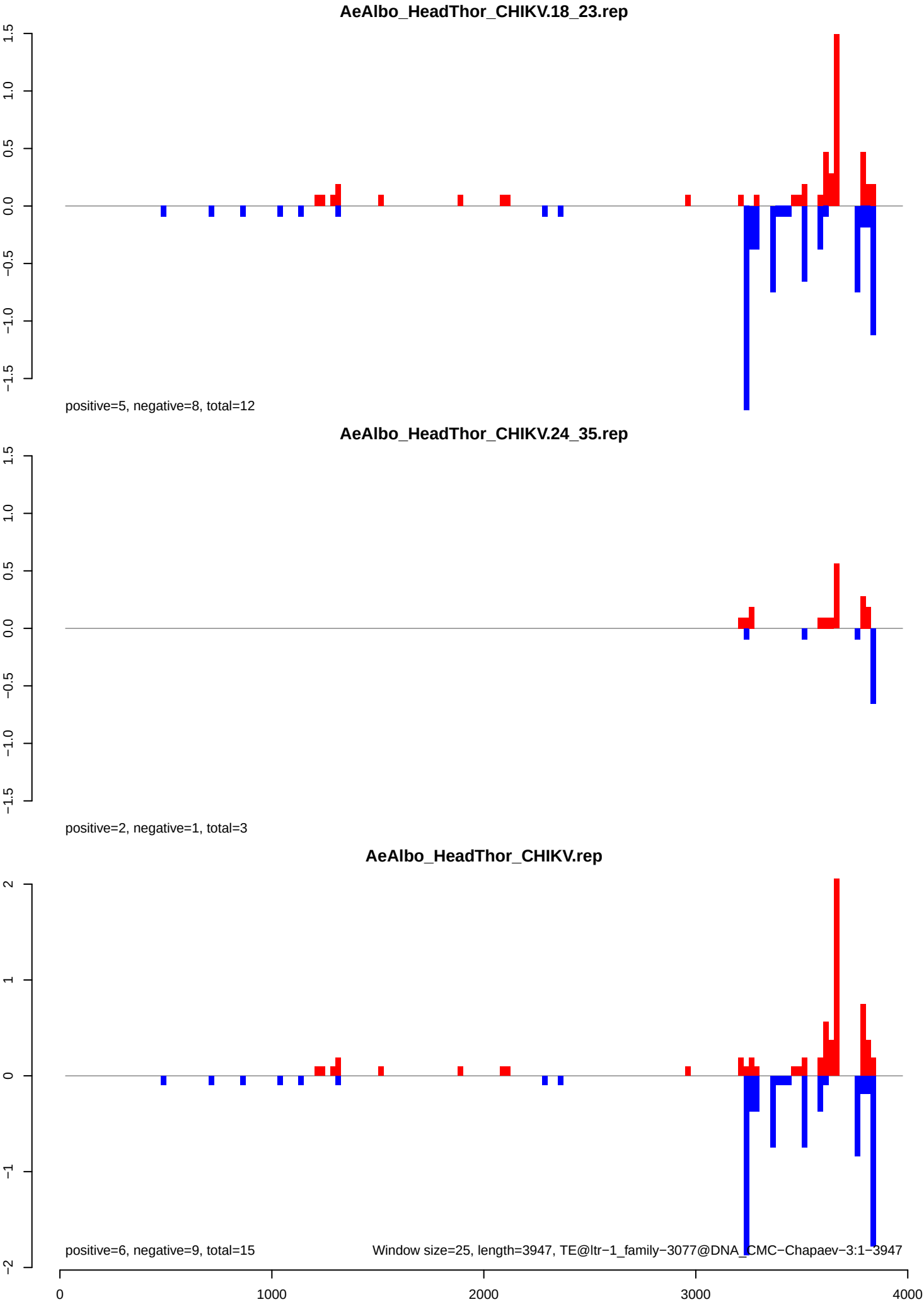

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=0, total=1

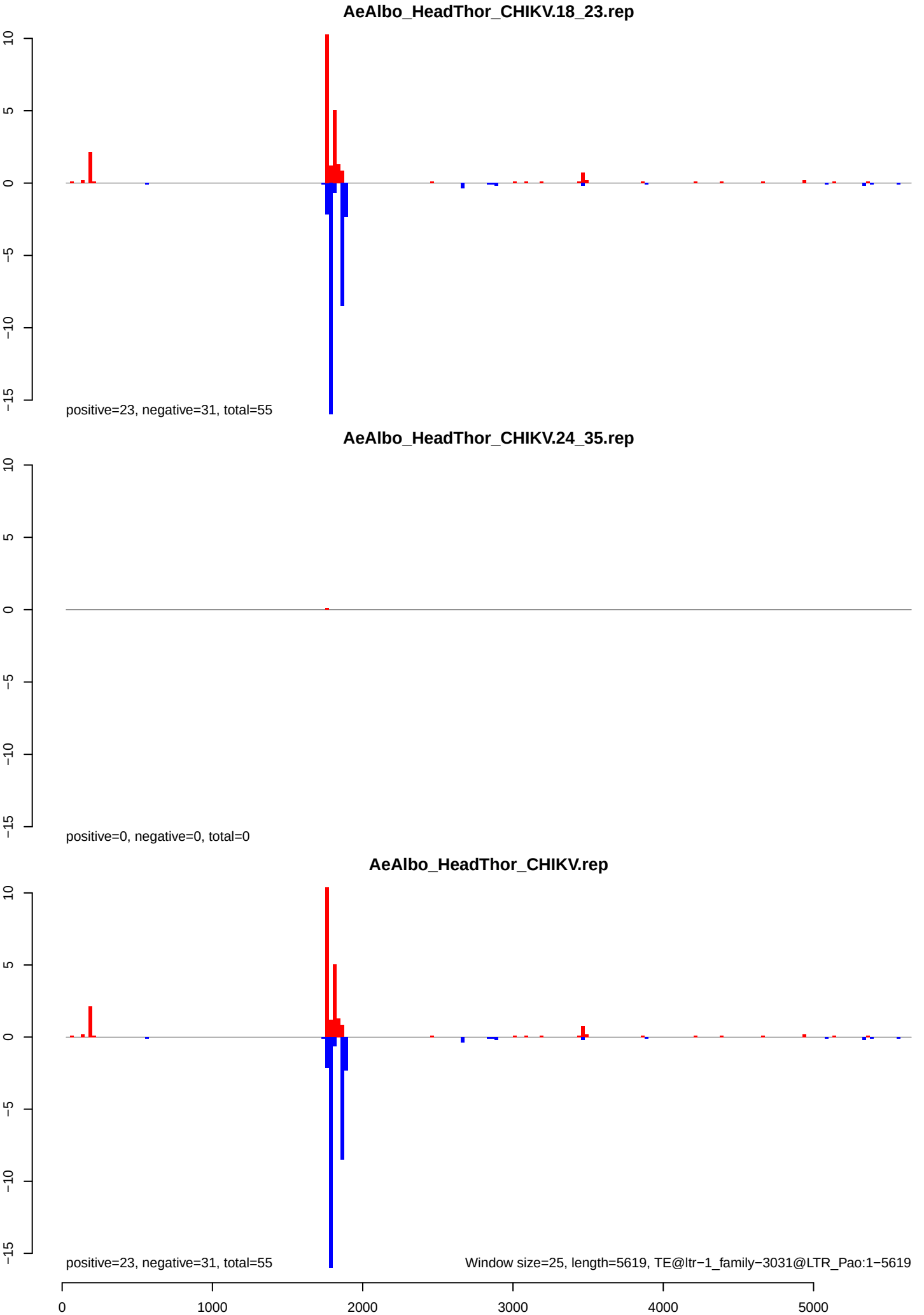

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=3, total=8
Window size=25, length=6353, TE@ltr−1_family−4115@LINE_RTE−BovB:1−6353
0
1000
2000
3000
4000
5000
6000

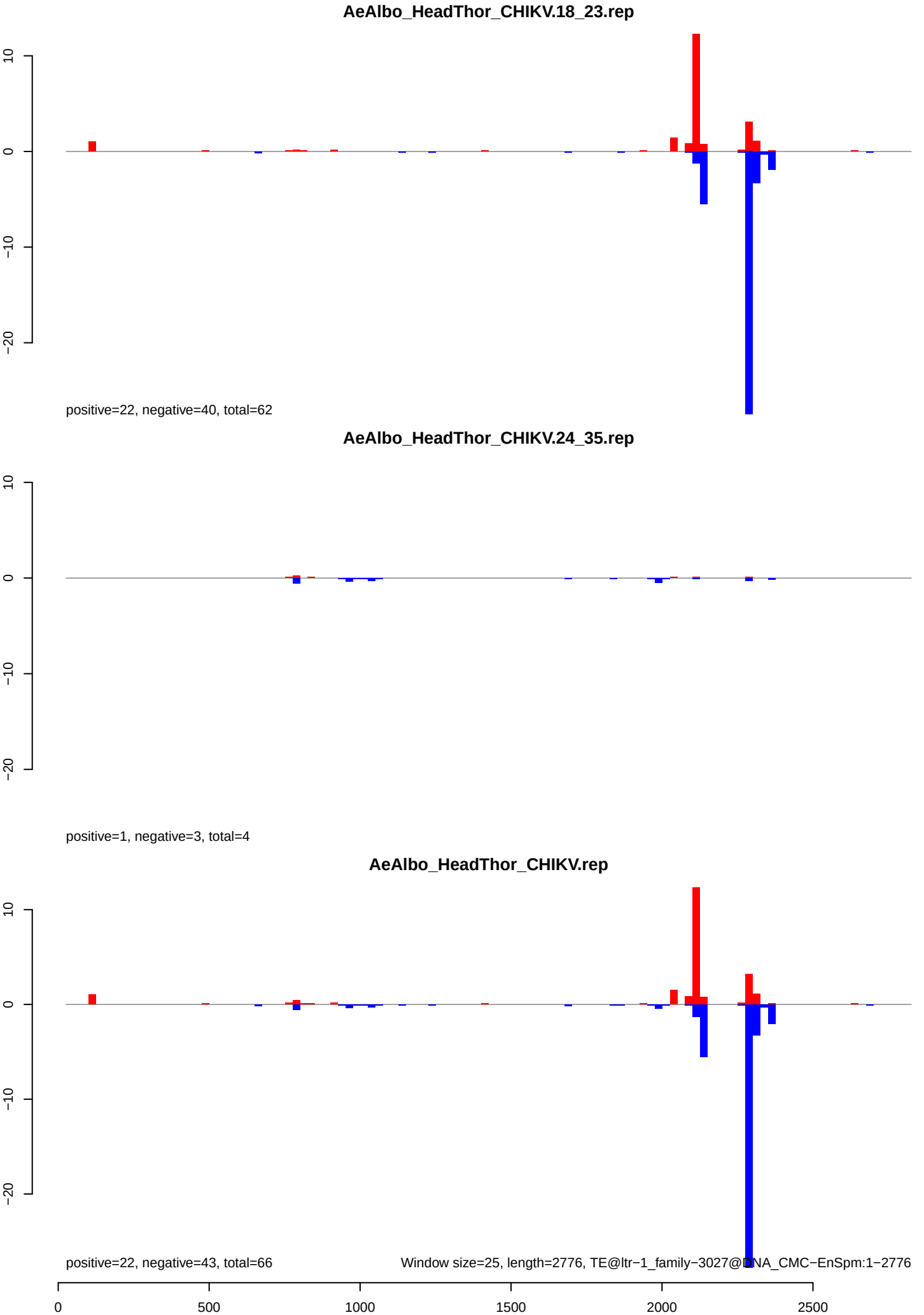

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=2, total=4

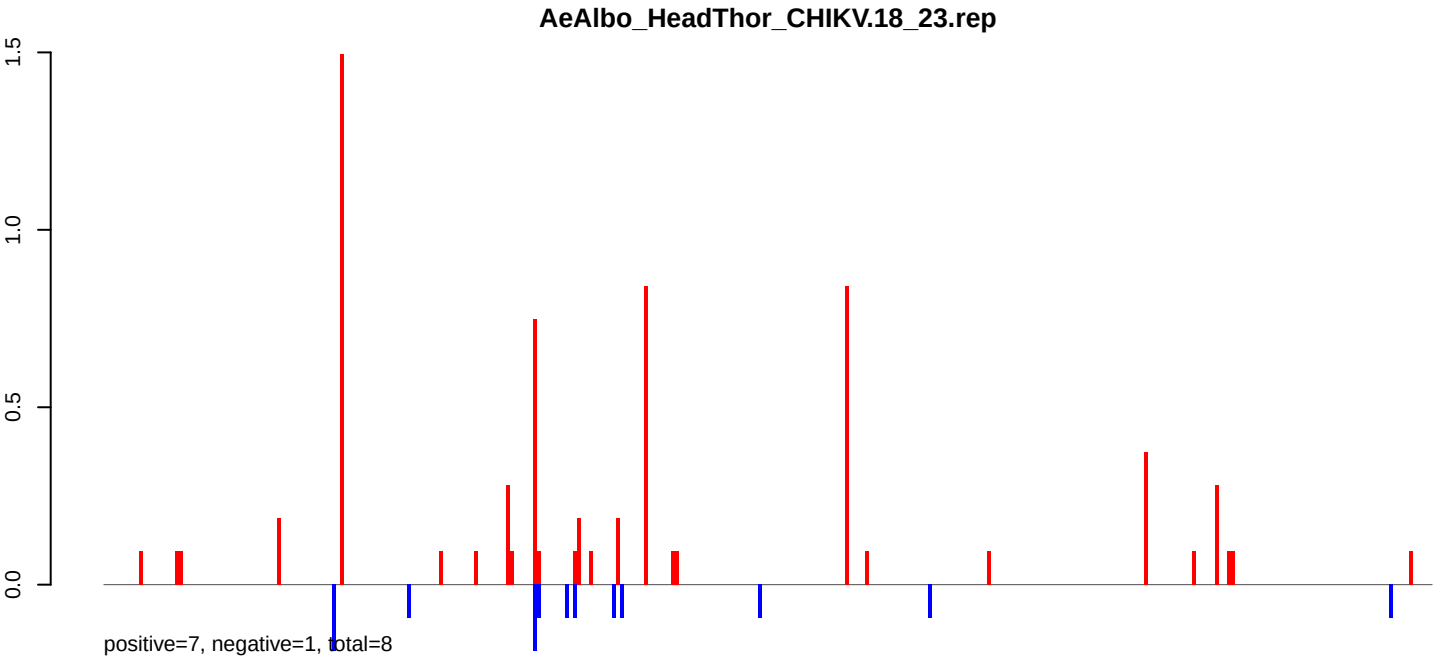

AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=2, total=2

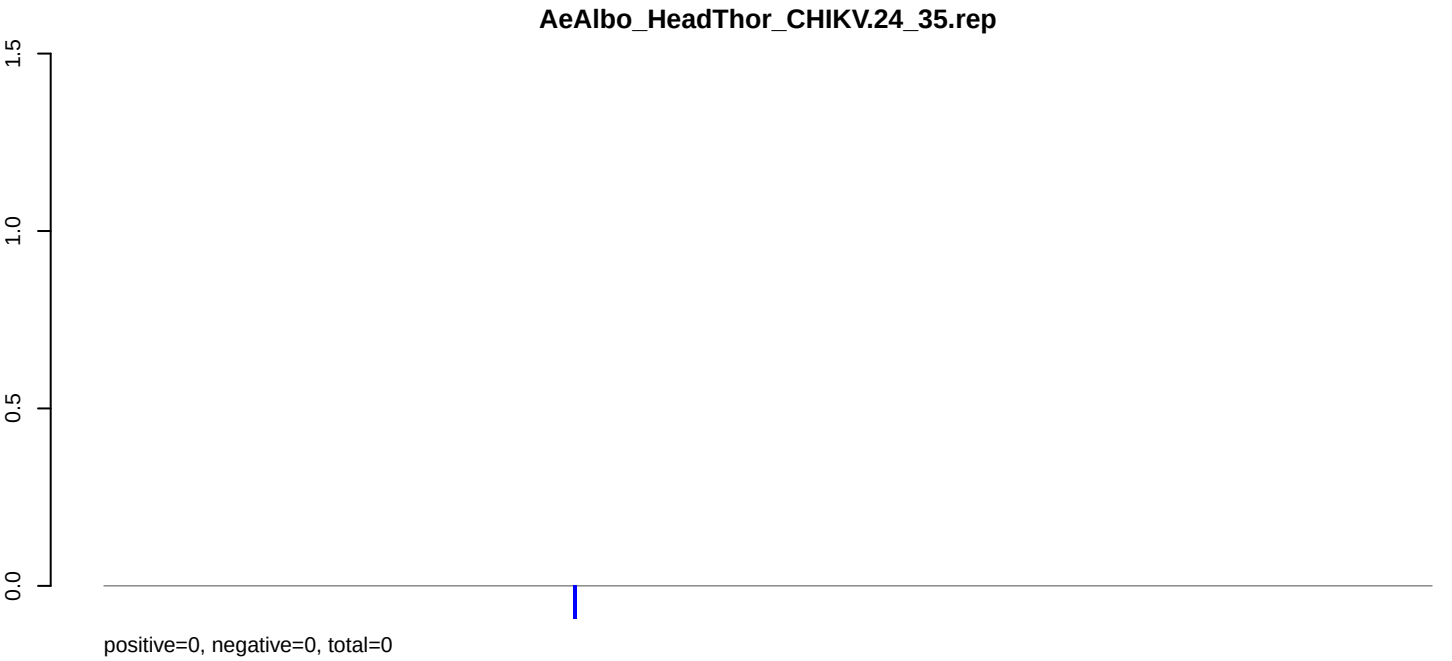

AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=4, total=7
Window size=25, length=6277, TE@ltr−1_family−4071@SINE_tRNA:1−6277
0
1000
2000
3000
4000
5000
6000

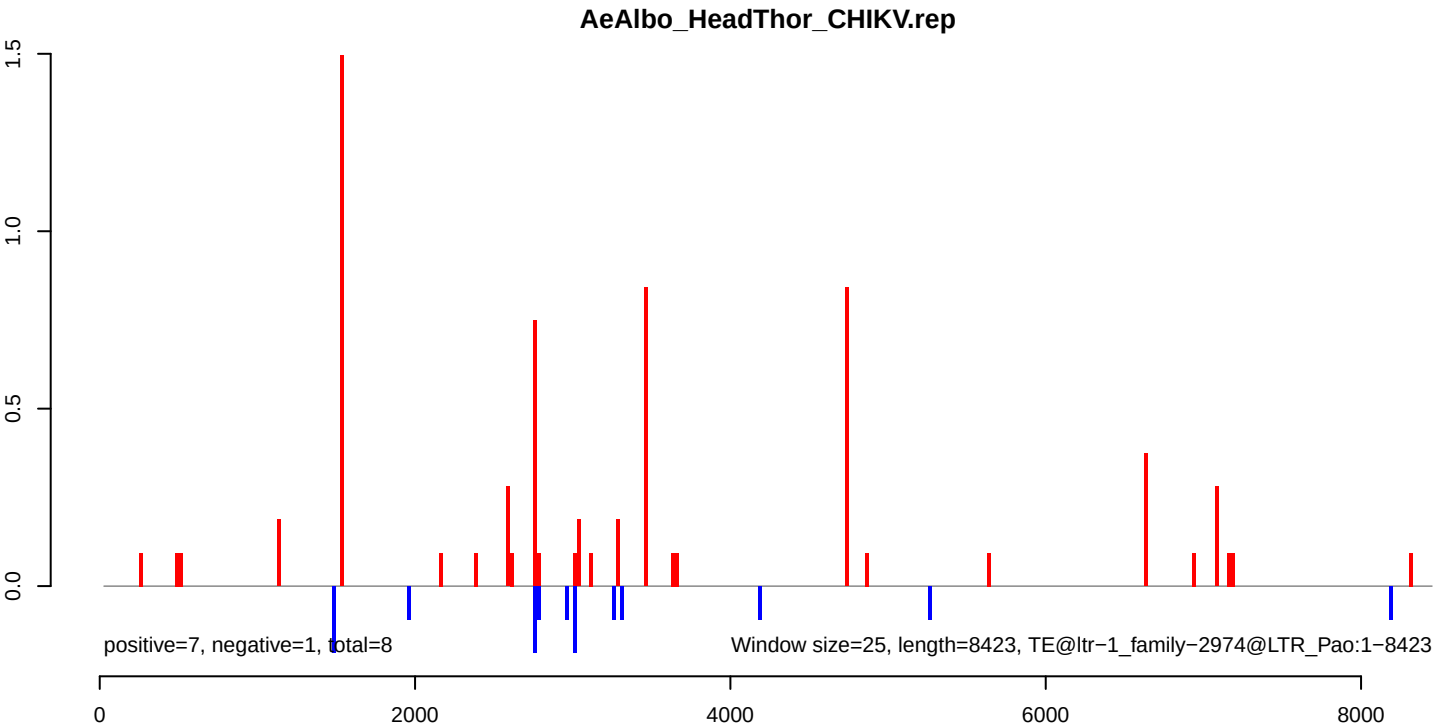

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=5, negative=8, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
positive=6, negative=9, total=15
Window size=25, length=3947, TE@ltr−1_family−3077@DNA_CMC−Chapaev−3:1−3947
0
1000
2000
3000
4000

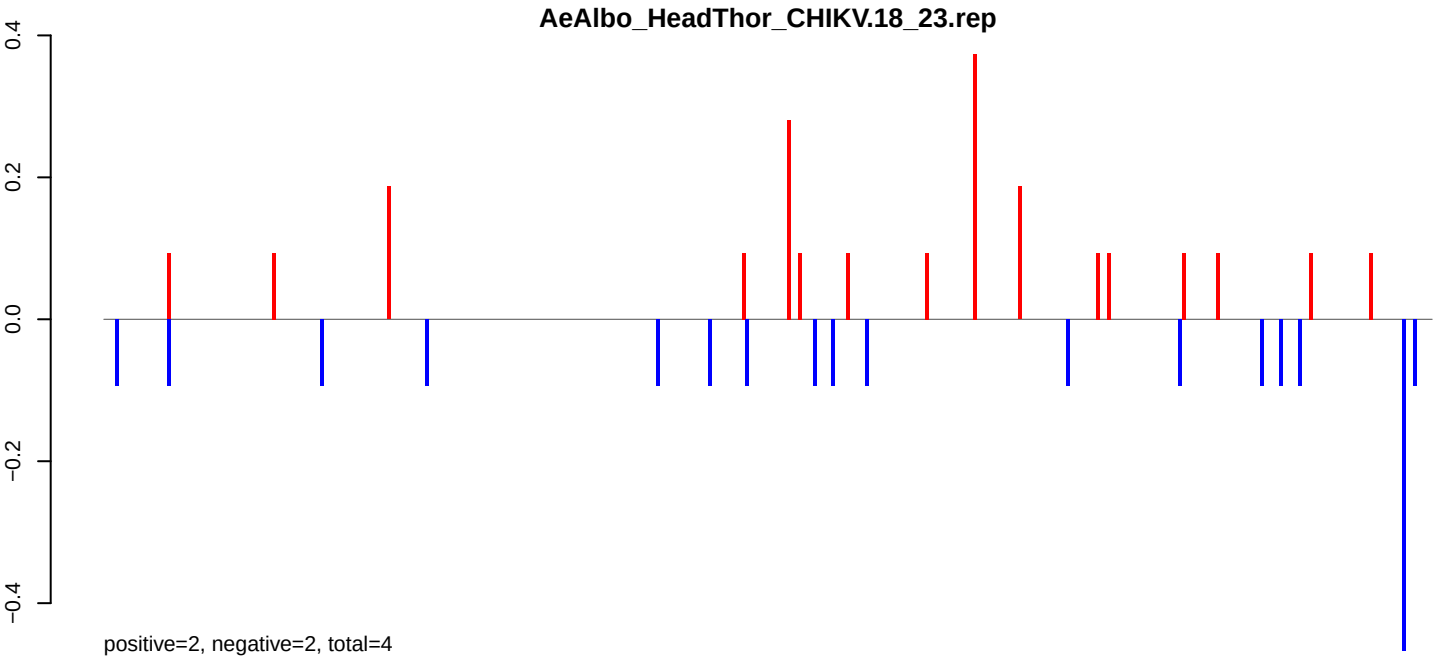

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
−10
−15
positive=23, negative=31, total=55
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=23, negative=31, total=55
Window size=25, length=5619, TE@ltr−1_family−3031@LTR_Pao:1−5619
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
10
0
−10
−20
positive=22, negative=40, total=62
AeAlbo_HeadThor_CHIKV.24_35.rep
10
0
−10
−20
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.rep
10
0
−10
−20
positive=22, negative=43, total=66
Window size=25, length=2776, TE@ltr−1_family−3027@DNA_CMC−EnSpm:1−2776
0
500
1000
1500
2000
2500

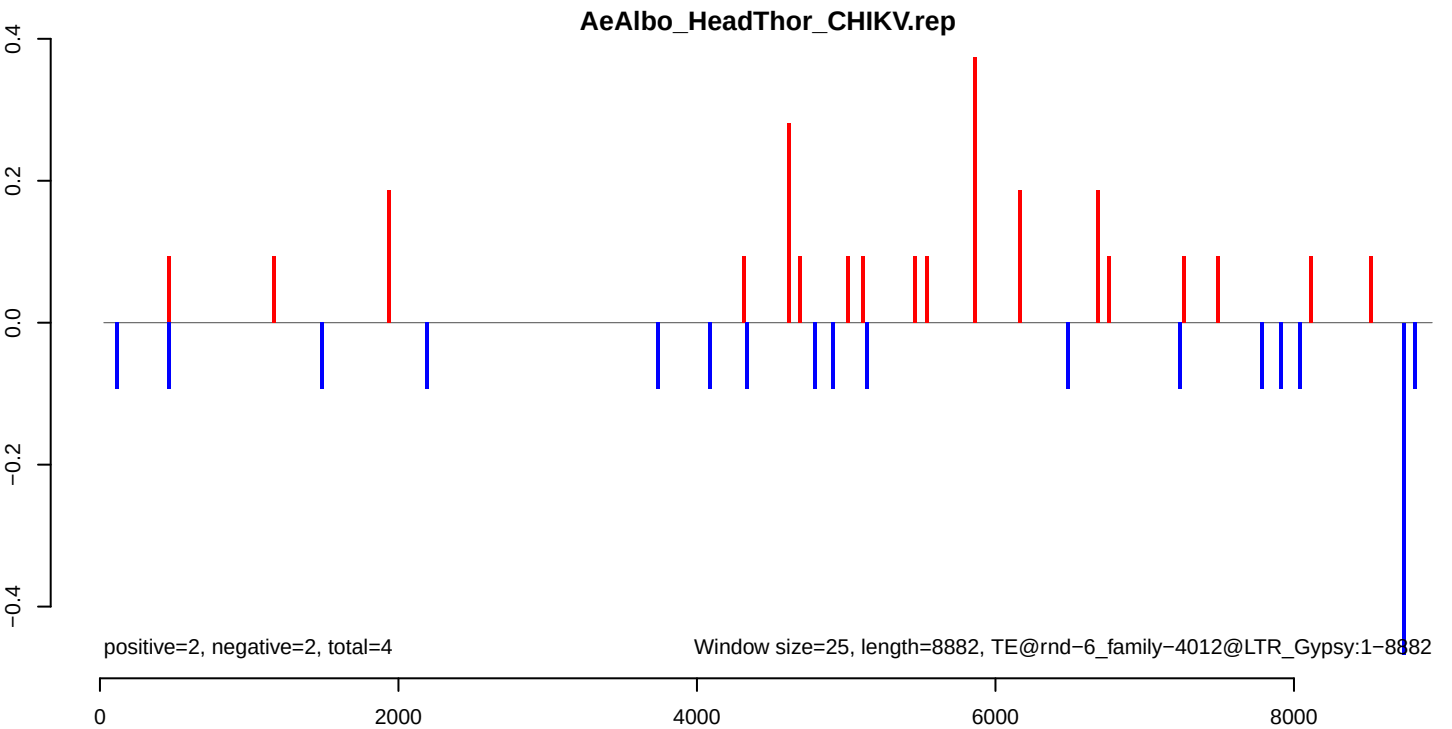

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=7, negative=1, total=8

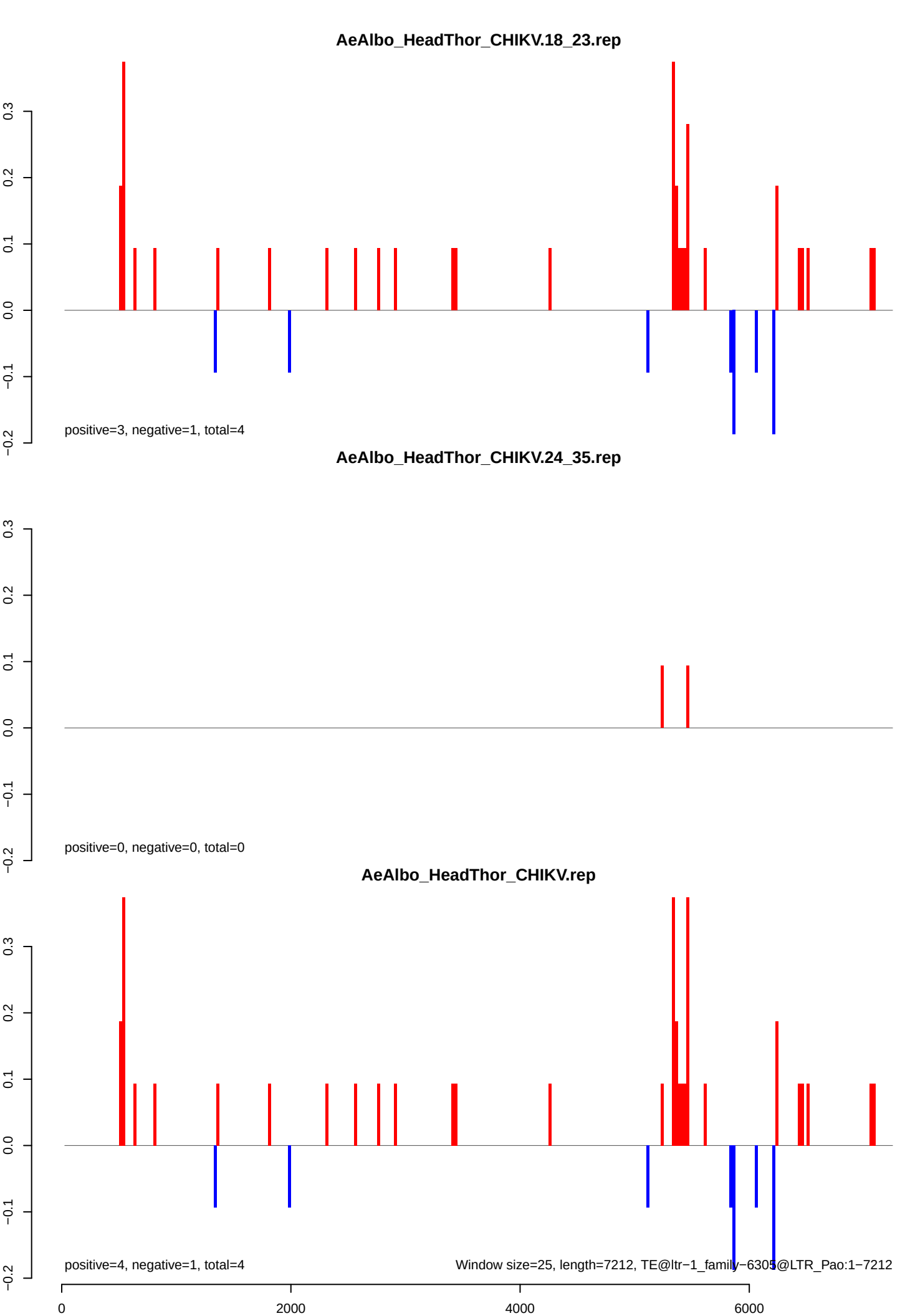

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

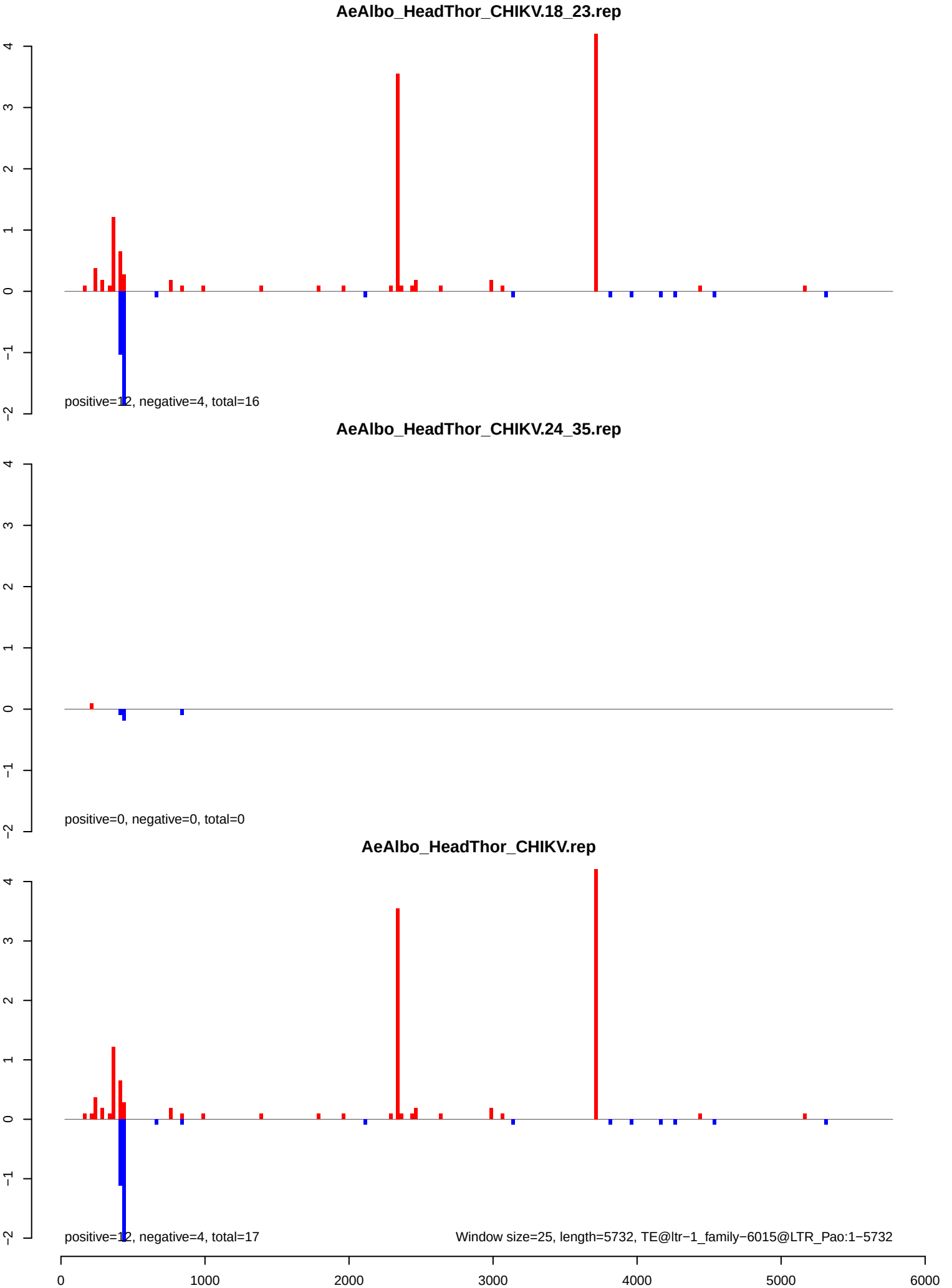

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=7, negative=1, total=8
Window size=25, length=8423, TE@ltr−1_family−2974@LTR_Pao:1−8423
0
2000
4000
6000
8000

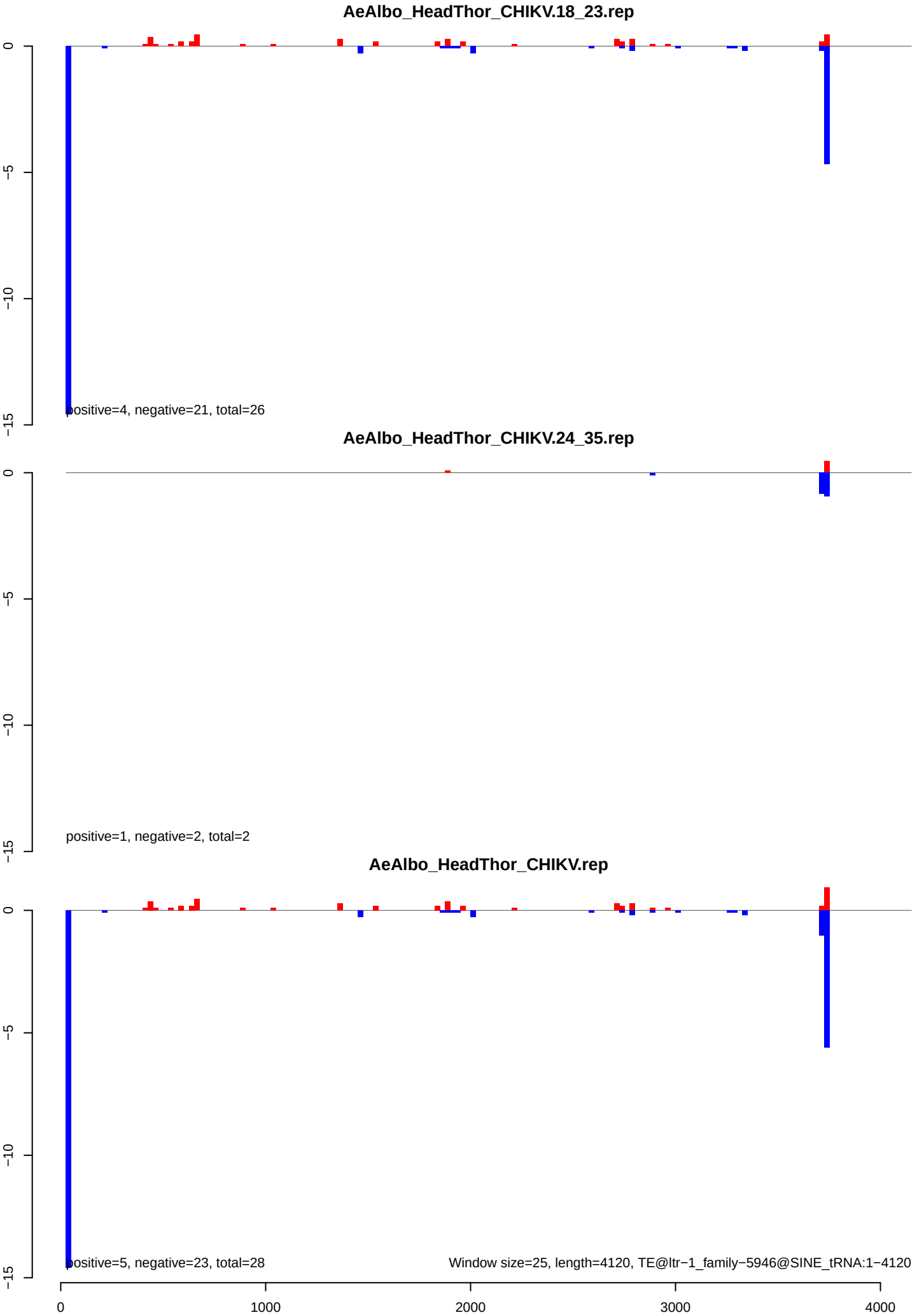

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4

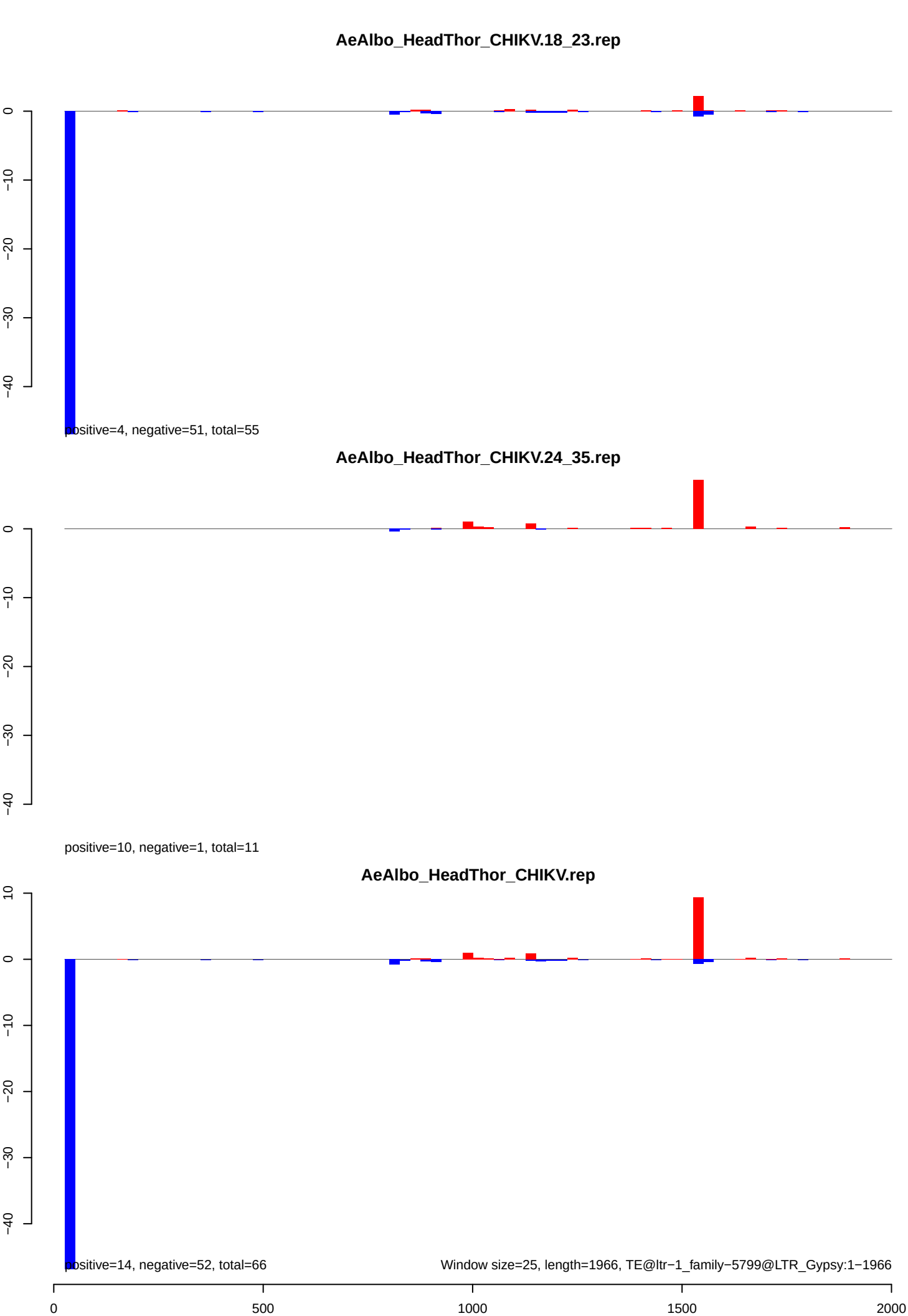
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

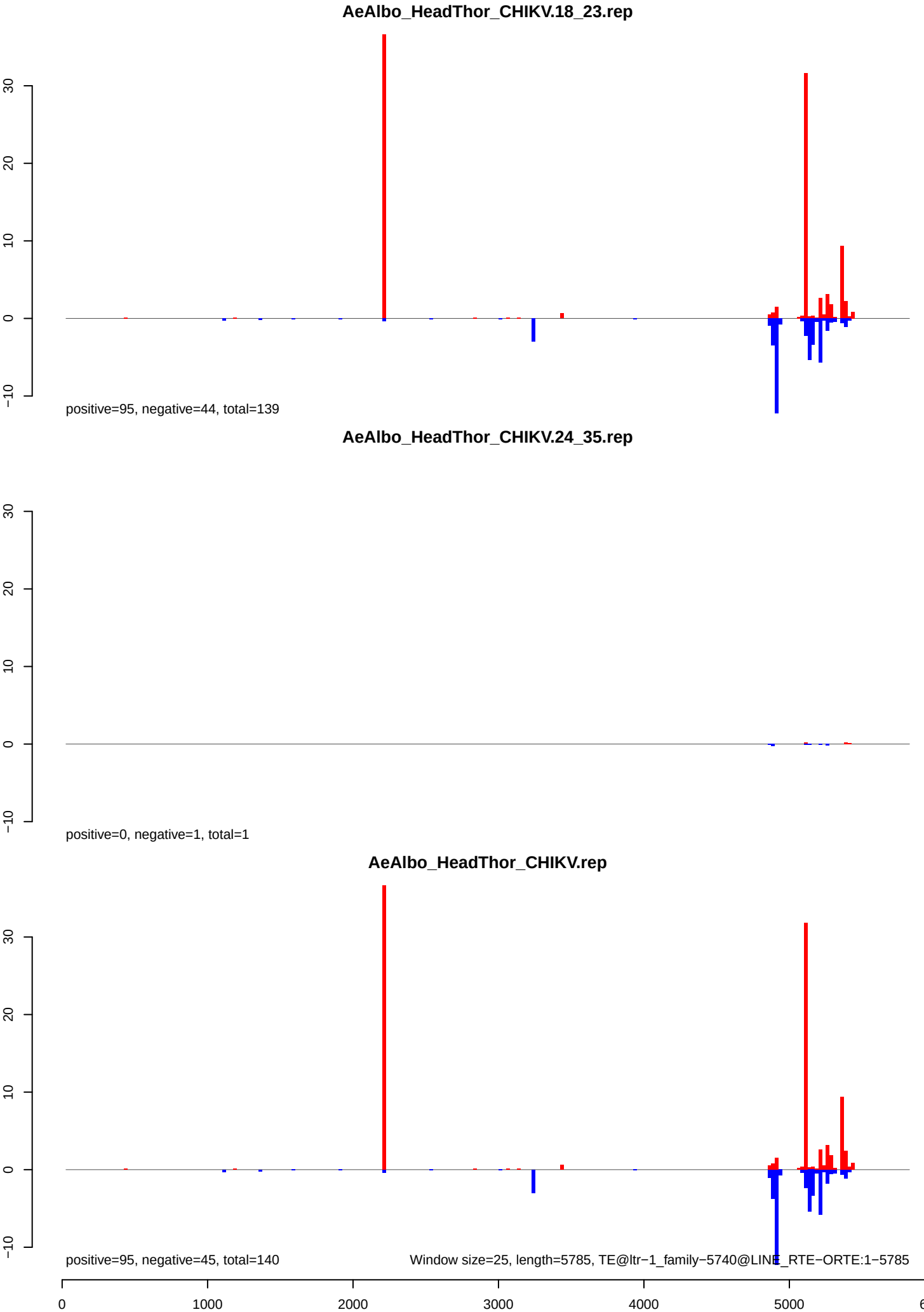

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4
Window size=25, length=8882, TE@rnd−6_family−4012@LTR_Gypsy:1−8882
0
2000
4000
6000
8000

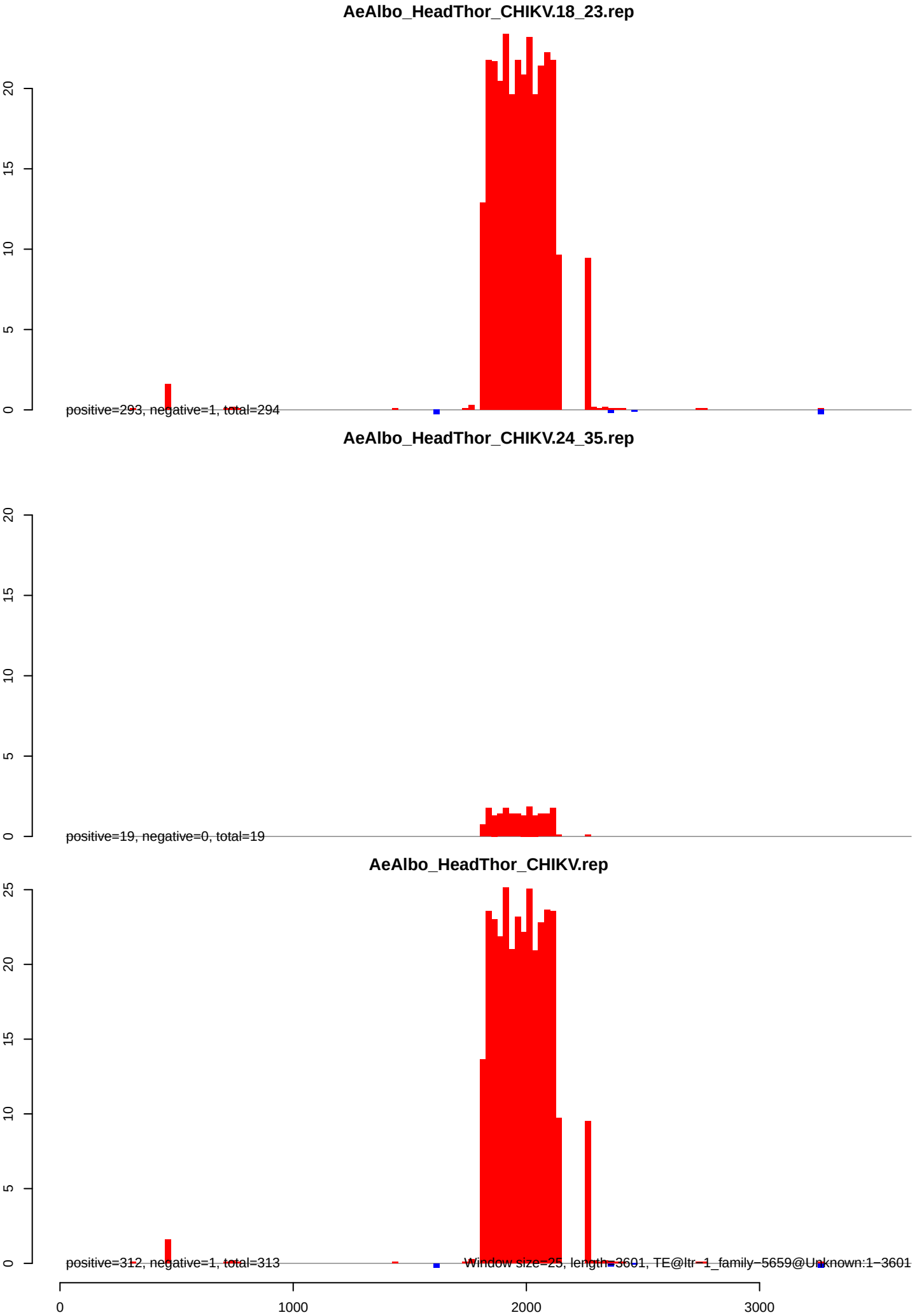

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=1, total=4
Window size=25, length=7212, TE@ltr−1_family−6305@LTR_Pao:1−7212
0
2000
4000
6000

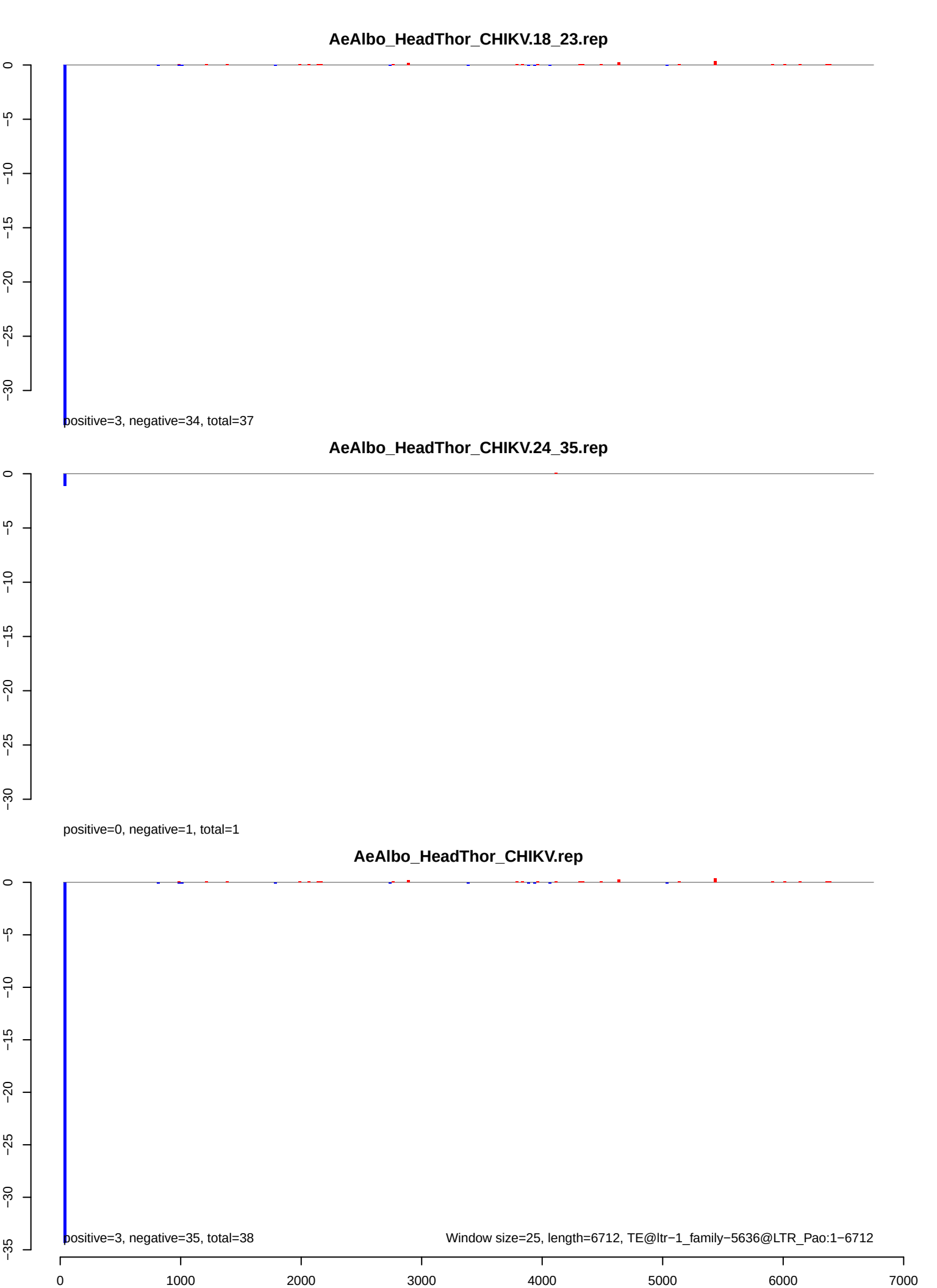

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=12, negative=4, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=4, total=17
Window size=25, length=5732, TE@ltr−1_family−6015@LTR_Pao:1−5732
0
1000
2000
3000
4000
5000
6000

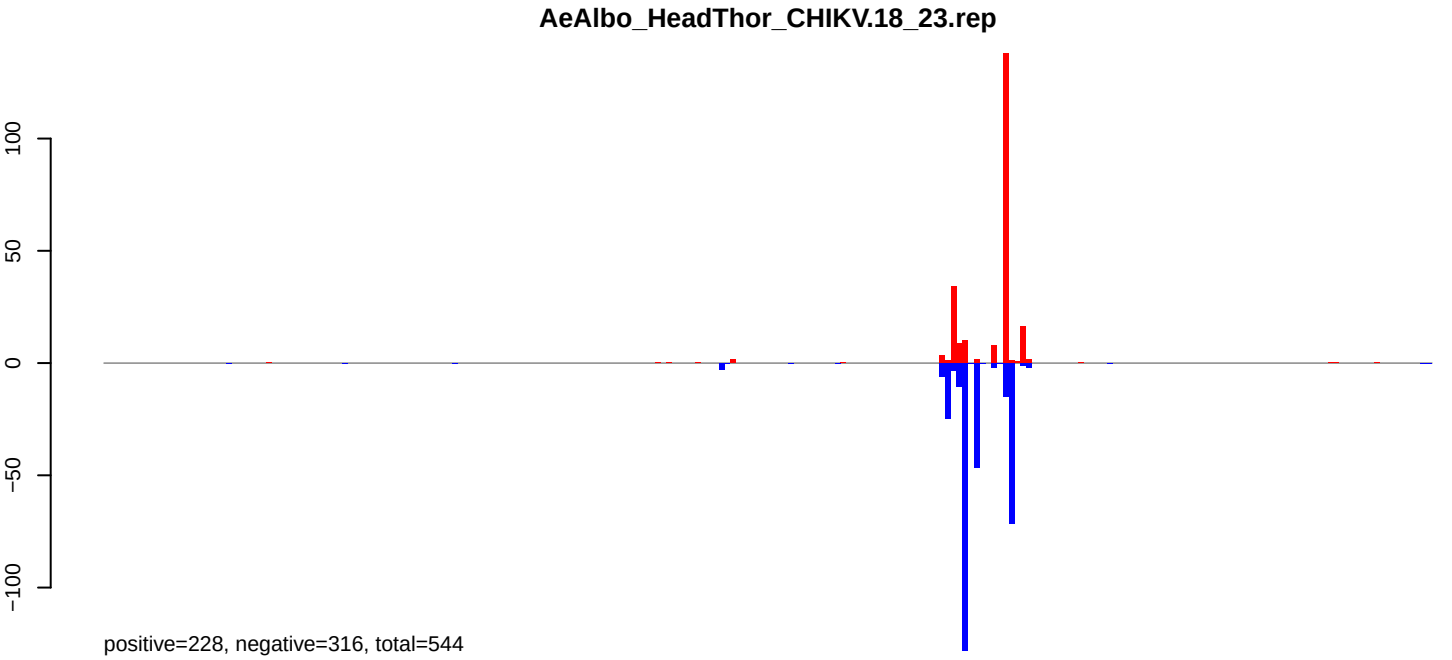

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=4, negative=21, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=1, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=5, negative=23, total=28
Window size=25, length=4120, TE@ltr−1_family−5946@SINE_tRNA:1−4120
0
1000
2000
3000
4000

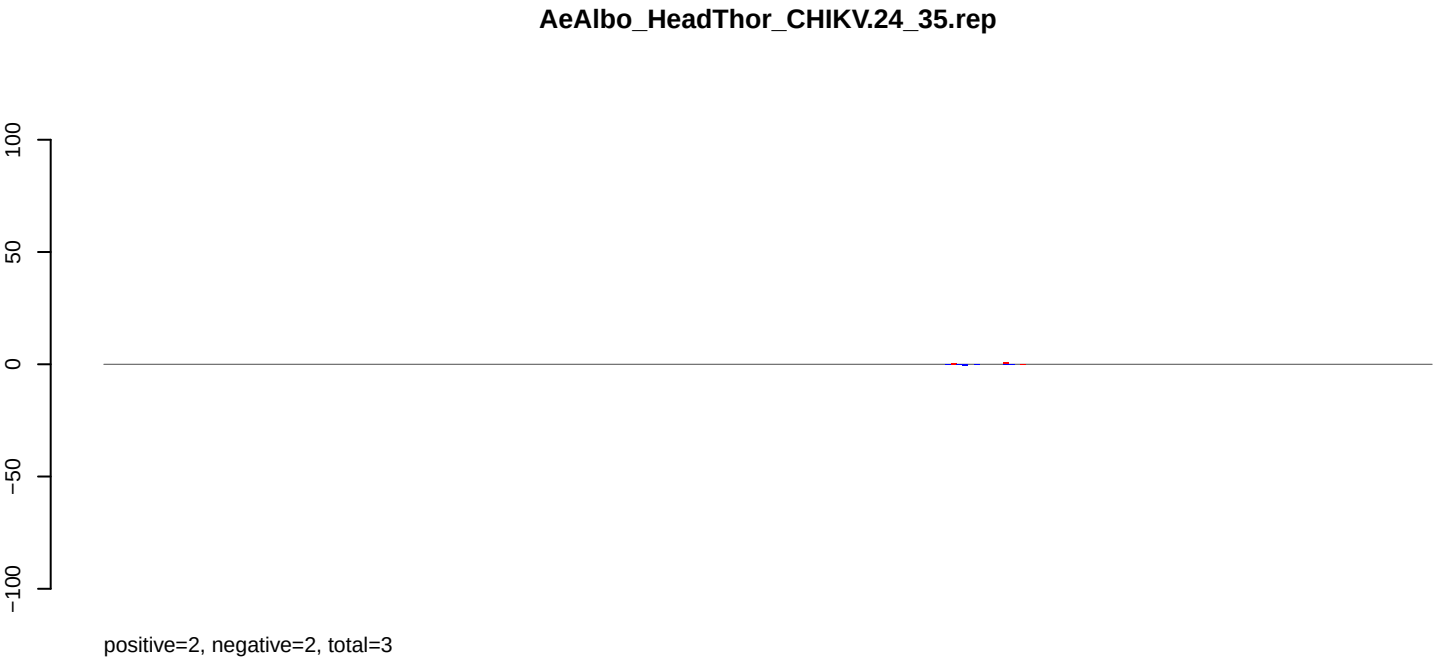

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=4, negative=51, total=55
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=10, negative=1, total=11
AeAlbo_HeadThor_CHIKV.rep
10
0
−10
−20
−30
−40
positive=14, negative=52, total=66
Window size=25, length=1966, TE@ltr−1_family−5799@LTR_Gypsy:1−1966
0
500
1000
1500
2000

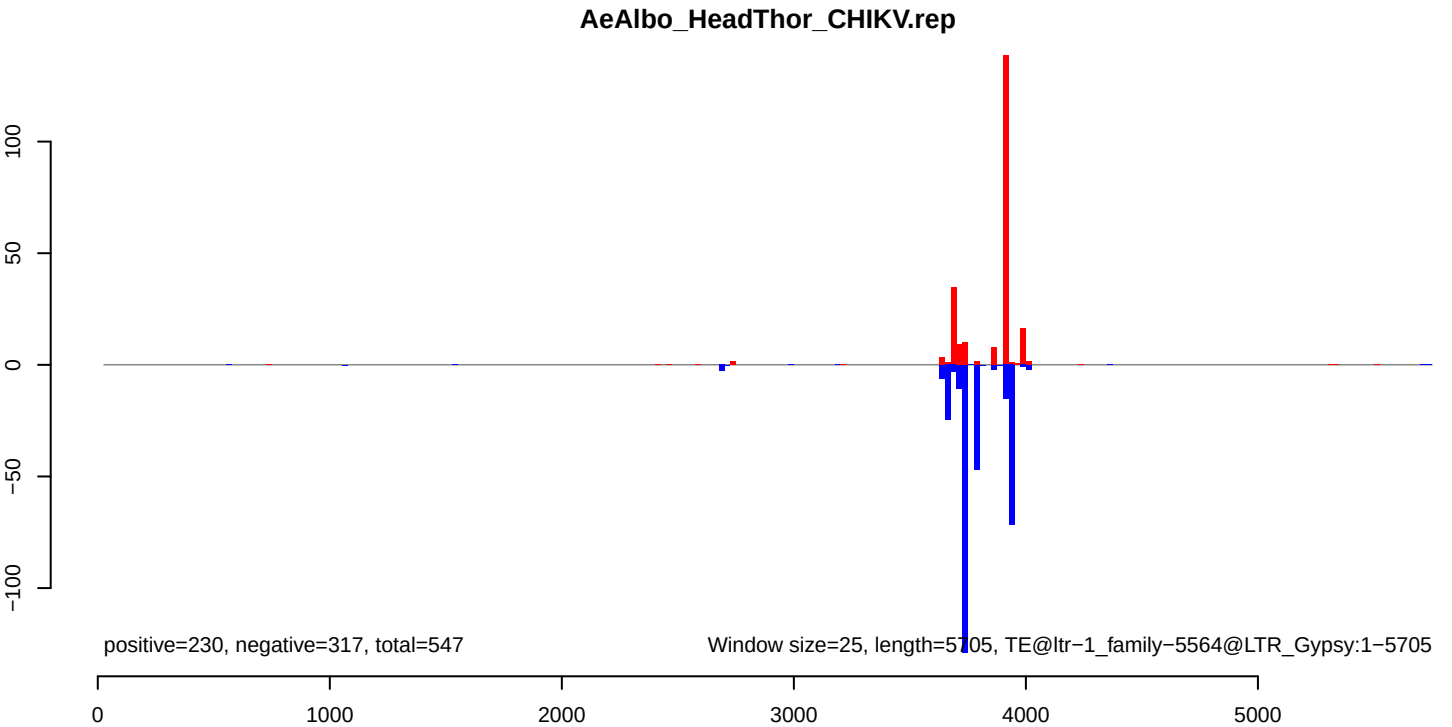

AeAlbo_HeadThor_CHIKV.18_23.rep
30
20
10
0
−10
positive=95, negative=44, total=139
AeAlbo_HeadThor_CHIKV.24_35.rep
30
20
10
0
−10
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
30
20
10
0
−10
positive=95, negative=45, total=140
Window size=25, length=5785, TE@ltr−1_family−5740@LINE_RTE−ORTE:1−5785
0
1000
2000
3000
4000
5000
6000

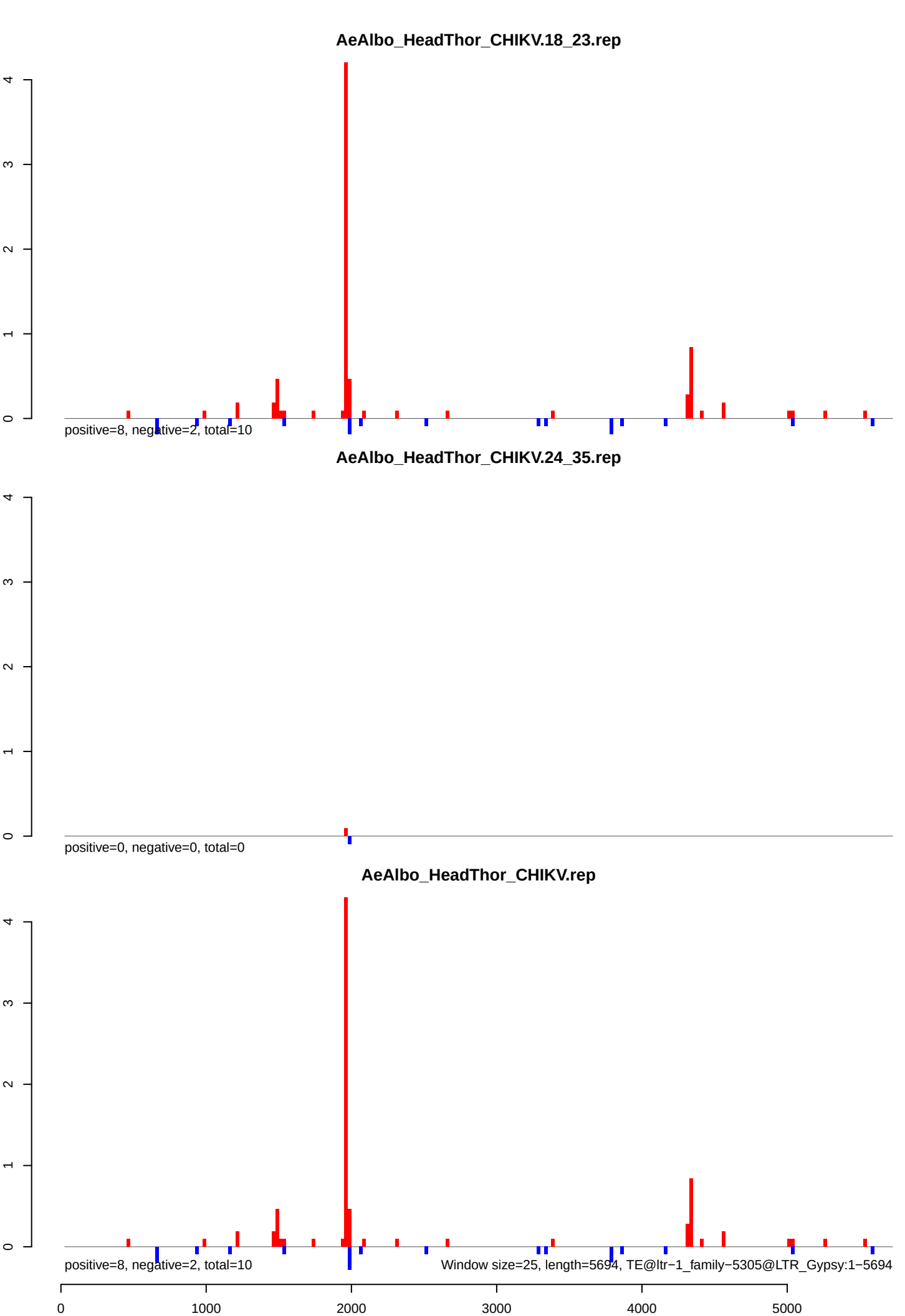

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=293, negative=1, total=294
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=19, negative=0, total=19
AeAlbo_HeadThor_CHIKV.rep
positive=312, negative=1, total=313
Window size=25, length=3601, TE@ltr_1_family_5659@Unknown:1−3601
0
1000
2000
3000

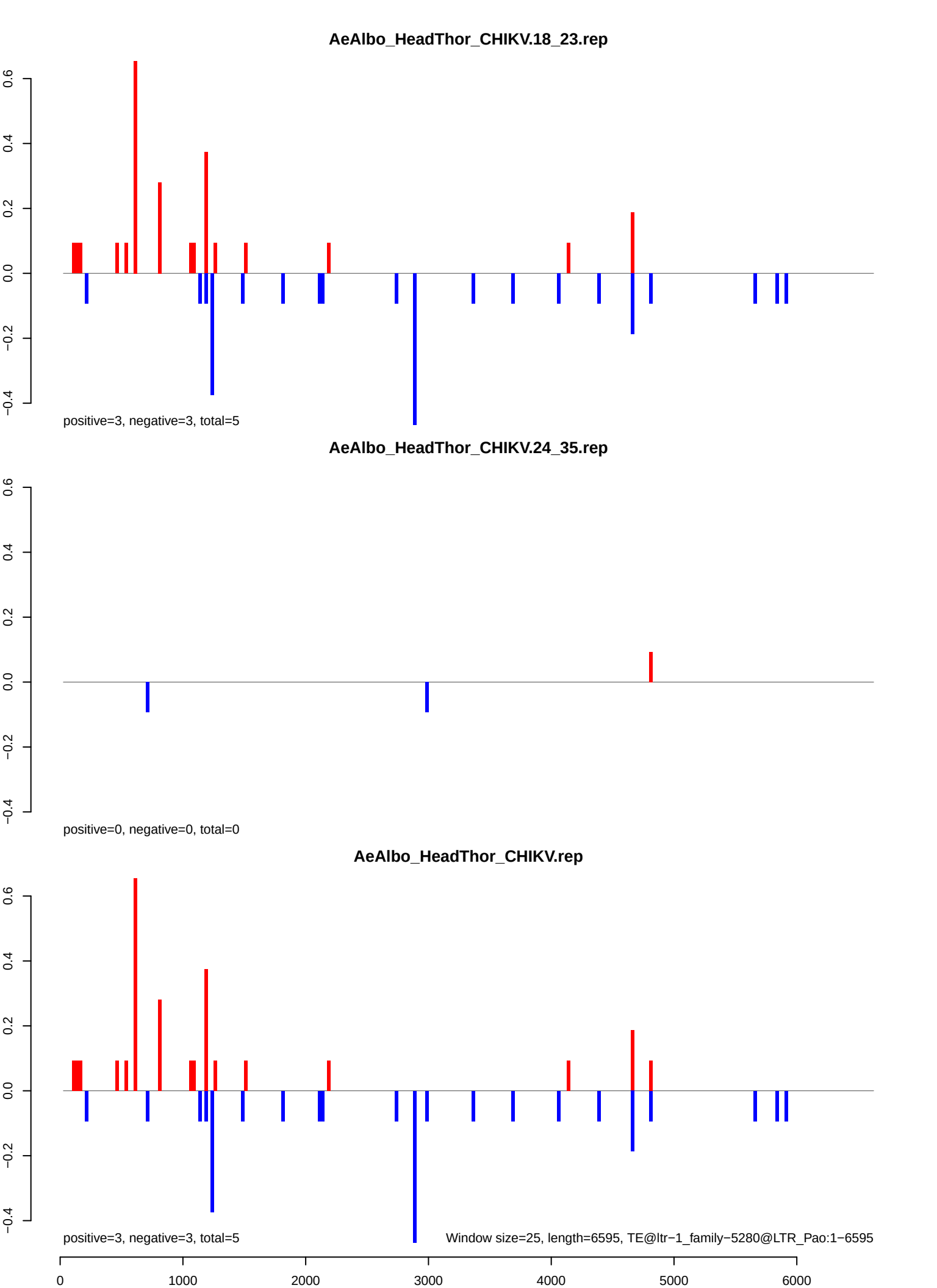

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=3, negative=34, total=37
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
−35
positive=3, negative=35, total=38
Window size=25, length=6712, TE@ltr−1_family−5636@LTR_Pao:1−6712
0
1000
2000
3000
4000
5000
6000
7000

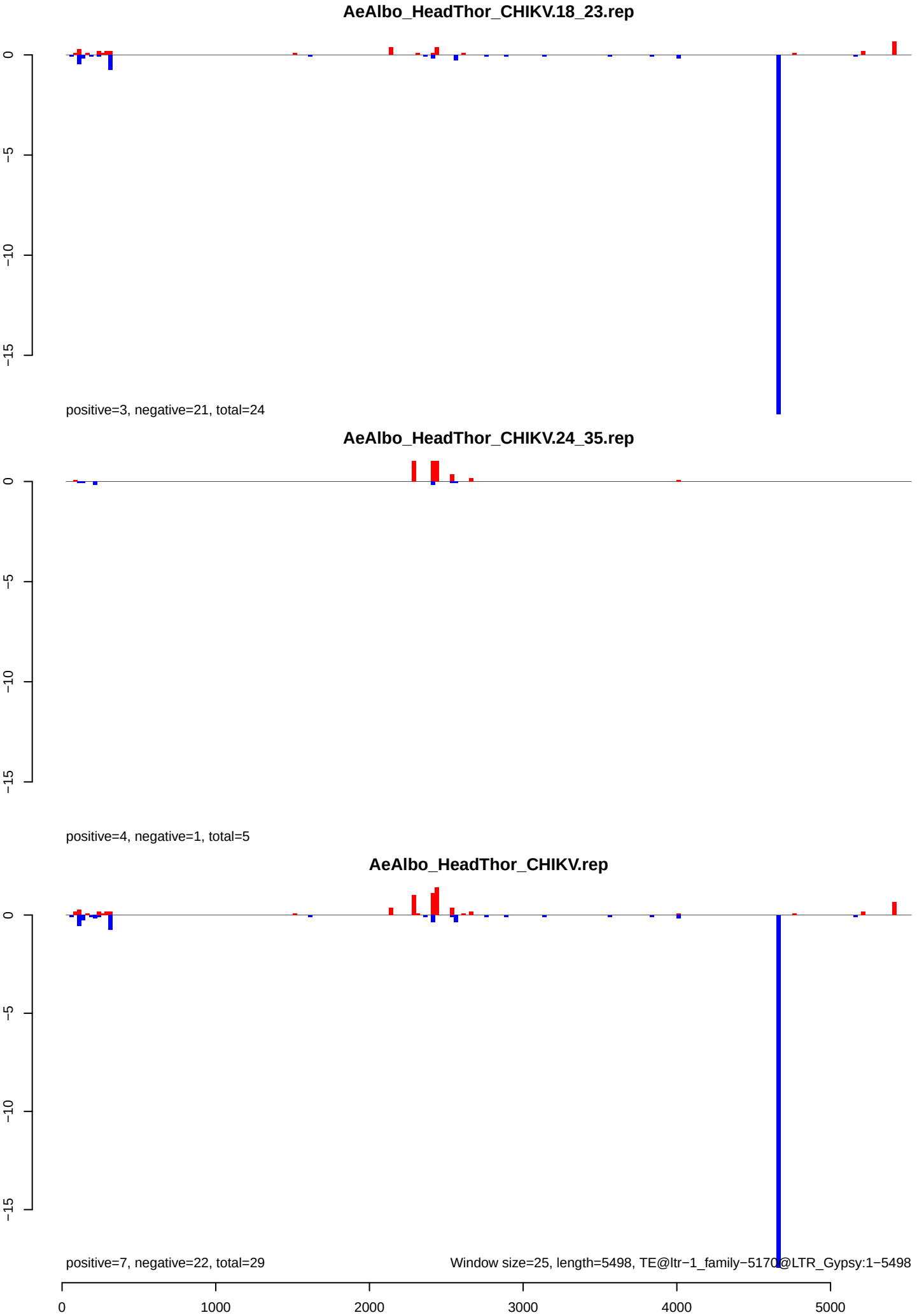

AeAlbo_HeadThor_CHIKV.18_23.rep
100
50
0
−50
−100
positive=228, negative=316, total=544

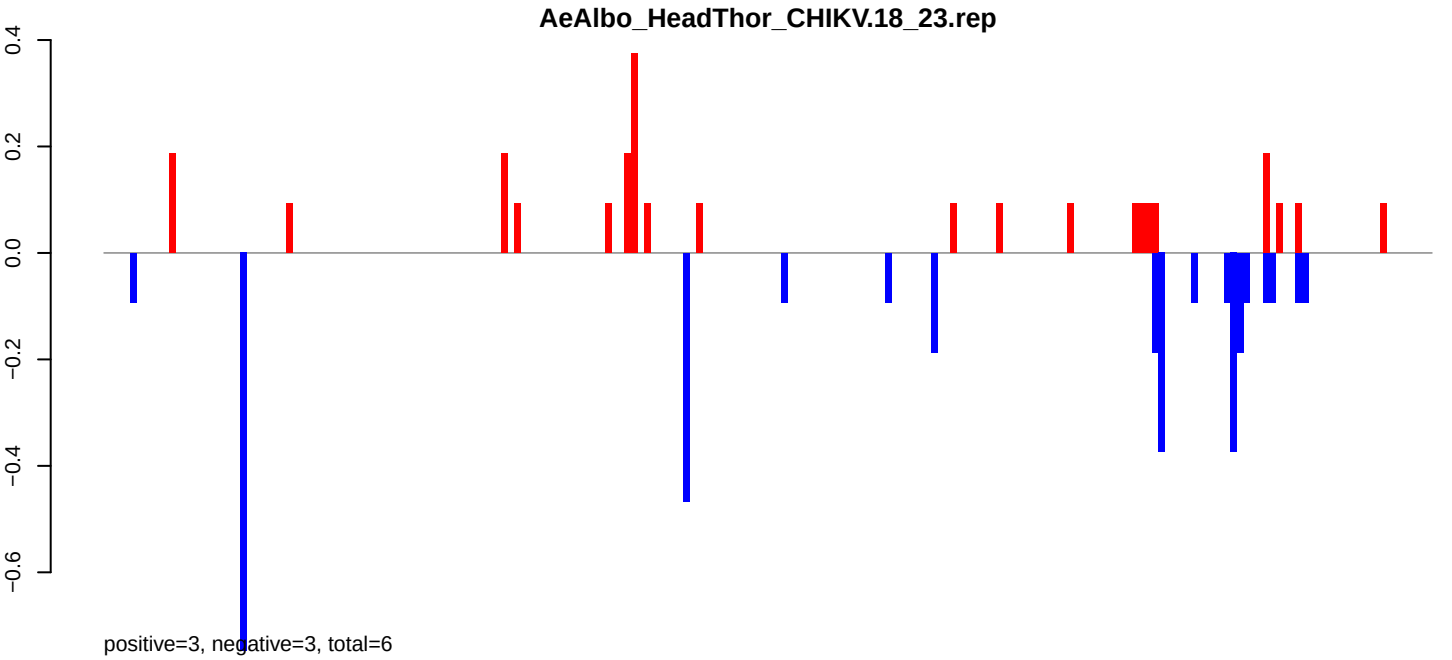

AeAlbo_HeadThor_CHIKV.24_35.rep
100
50
0
−50
−100
positive=2, negative=2, total=3


AeAlbo_HeadThor_CHIKV.rep
100
50
0
−50
−100
positive=230, negative=317, total=547
Window size=25, length=5705, TE@ltr−1_family−5564@LTR_Gypsy:1−5705
0
1000
2000
3000
4000
5000

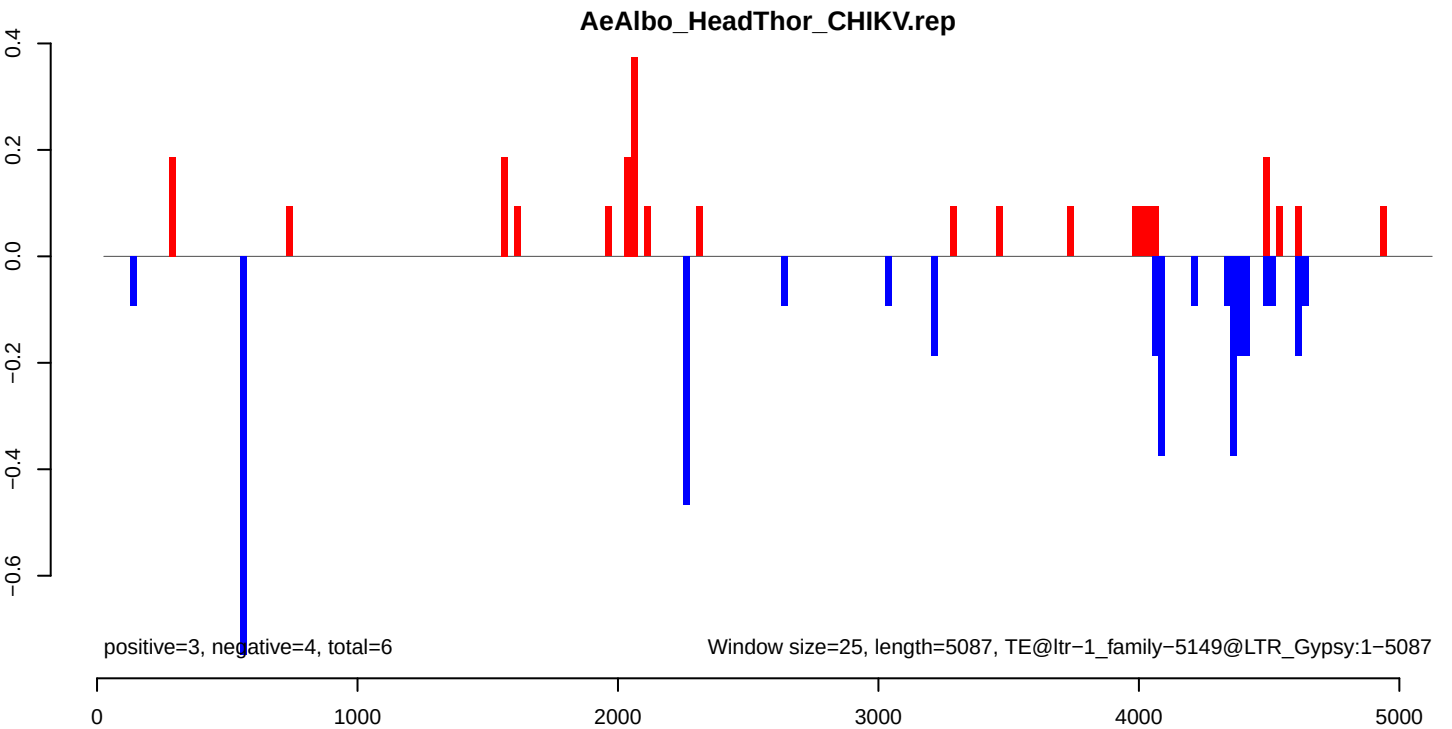

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=8, negative=2, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=8, negative=2, total=10
Window size=25, length=5694, TE@ltr−1_family−5305@LTR_Gypsy:1−5694
0
1000
2000
3000
4000
5000

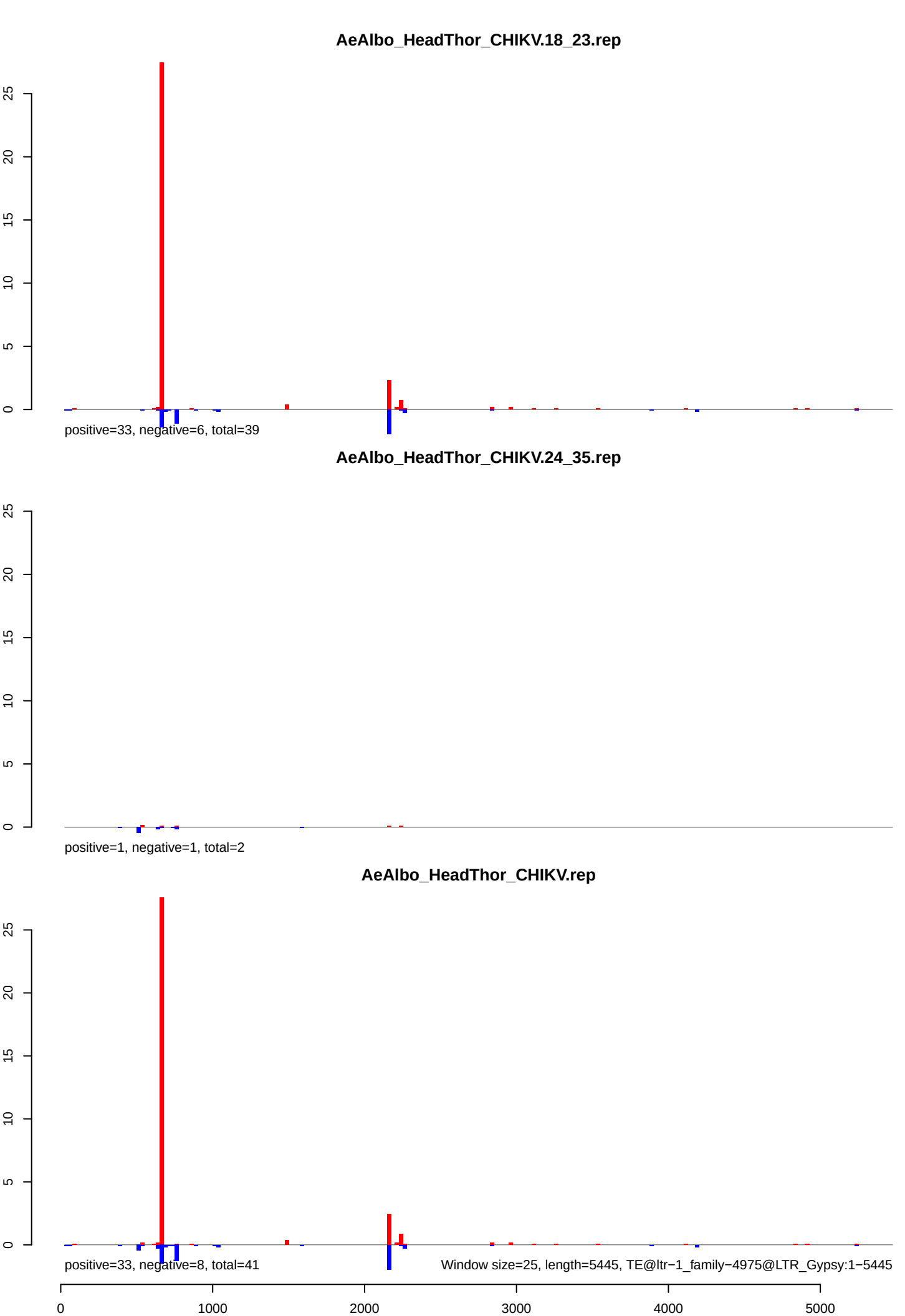

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=3, total=5
Window size=25, length=6595, TE@ltr−1_family−5280@LTR_Pao:1−6595
0
1000
2000
3000
4000
5000
6000

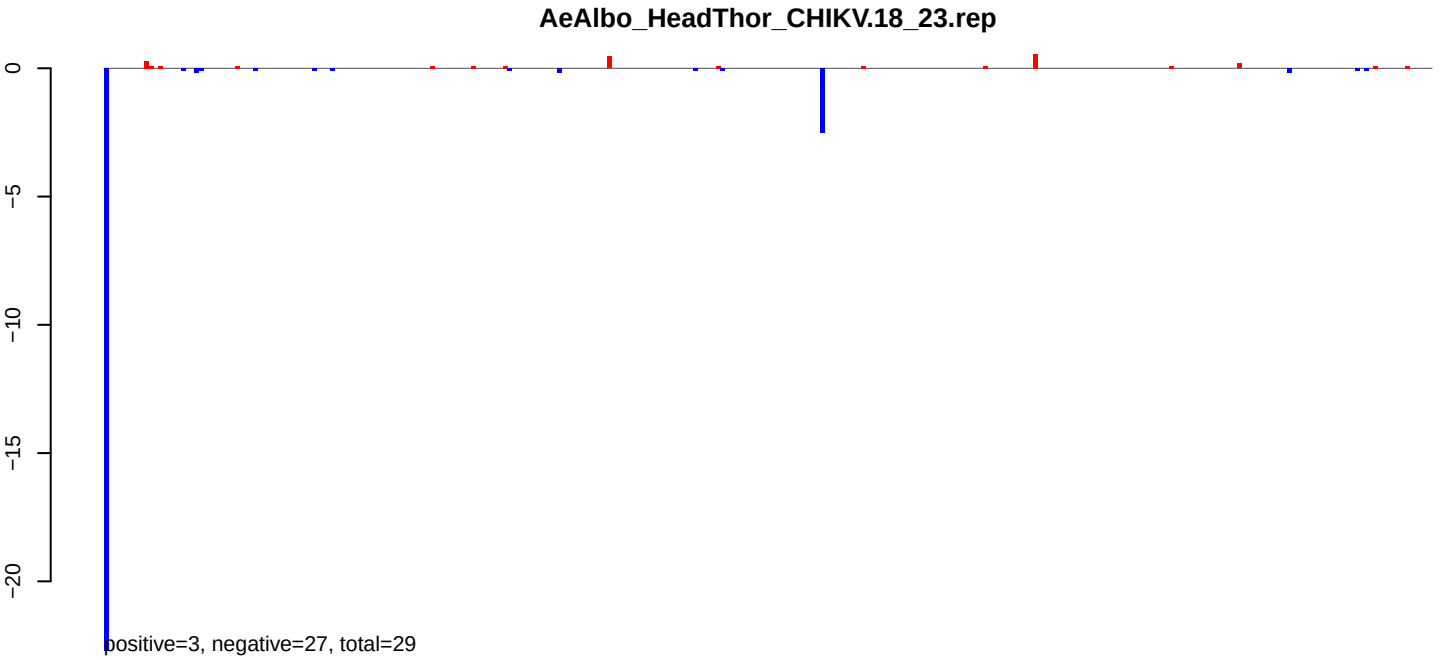

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=3, negative=21, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=7, negative=22, total=29
Window size=25, length=5498, TE@ltr−1_family−5170@LTR_Gypsy:1−5498
0
1000
2000
3000
4000
5000

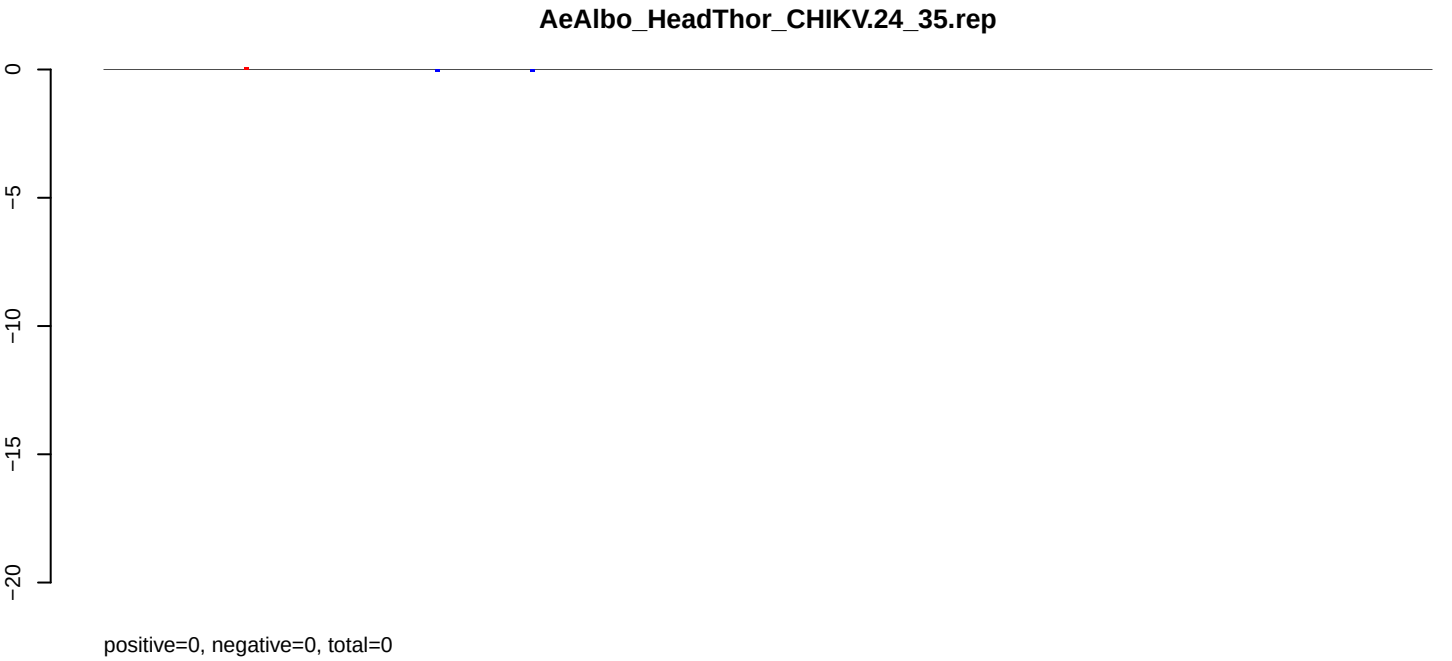

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=3, total=6

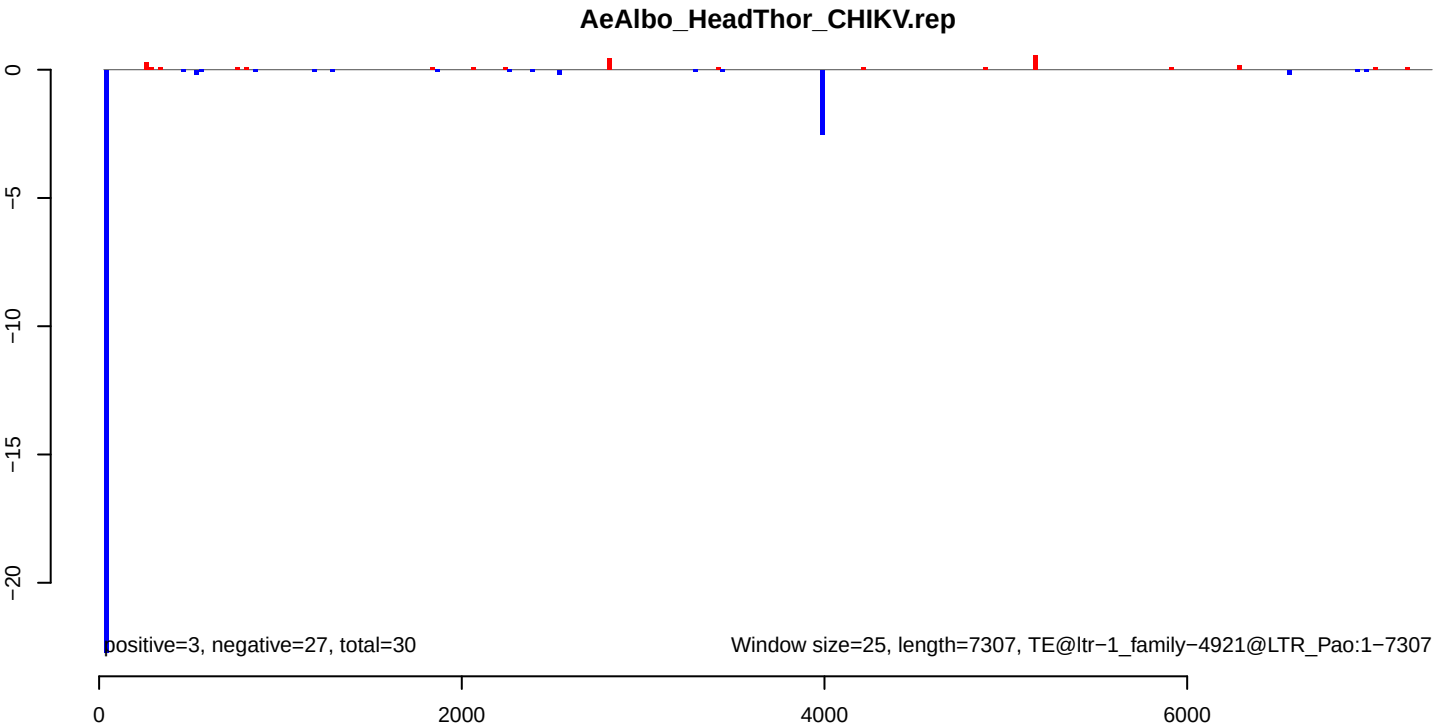
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

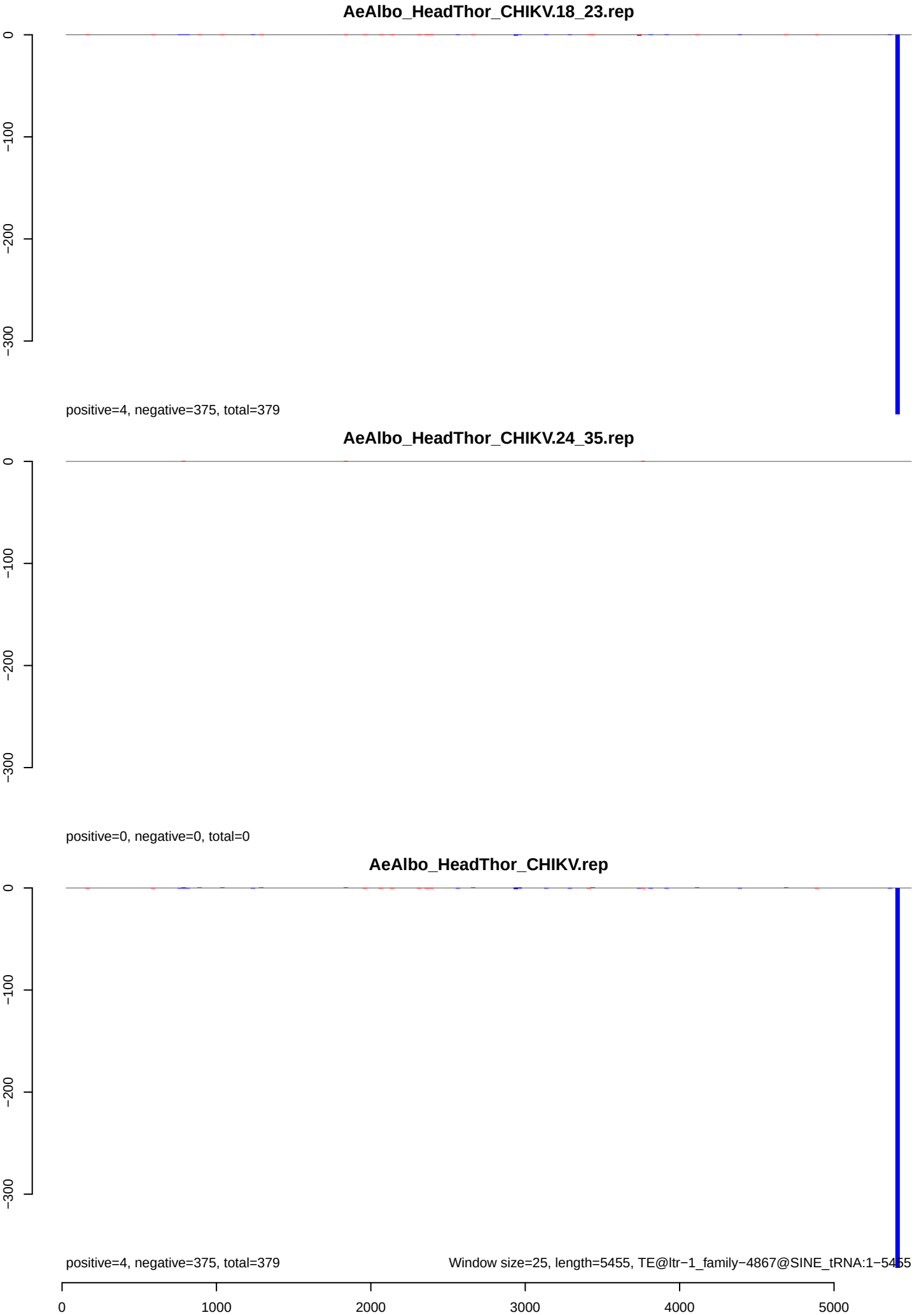

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=4, total=6
Window size=25, length=5087, TE@ltr−1_family−5149@LTR_Gypsy:1−5087
0
1000
2000
3000
4000
5000

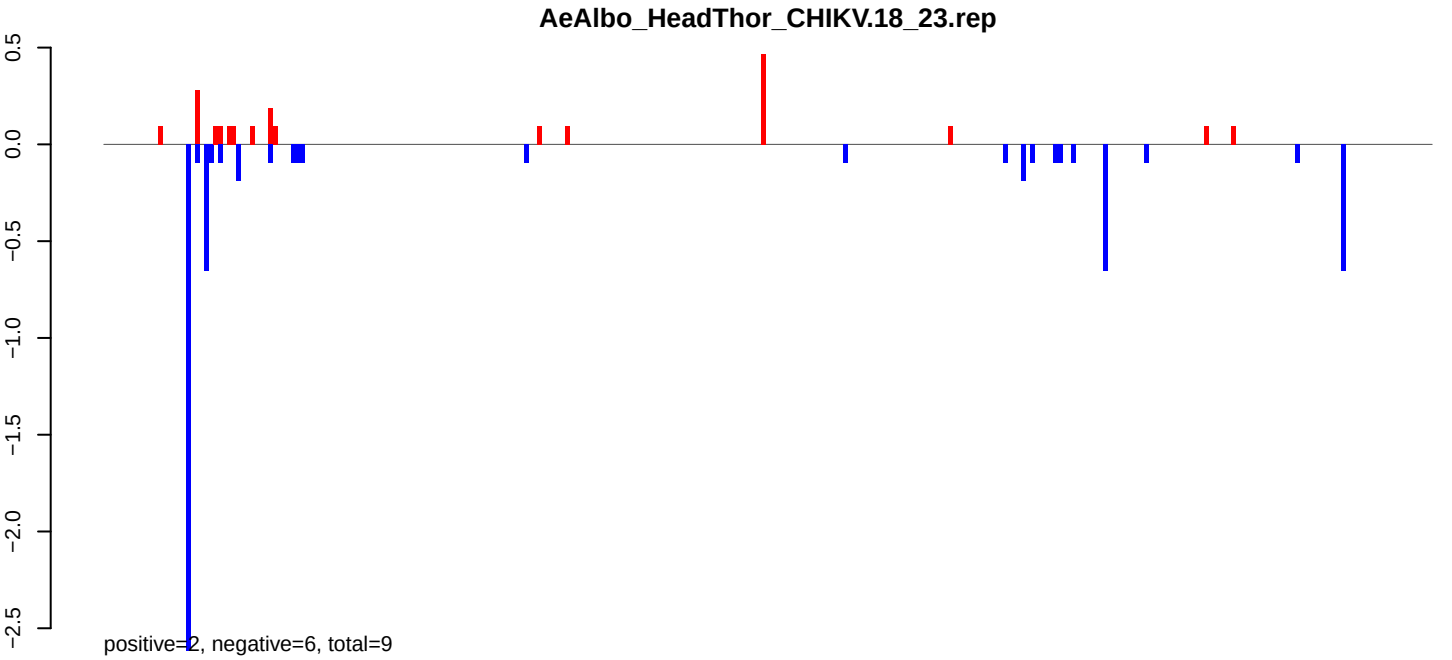

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
25
positive=33, negative=6, total=39
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
25
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
25
positive=33, negative=8, total=41
Window size=25, length=5445, TE@ltr−1_family−4975@LTR_Gypsy:1−5445
0
1000
2000
3000
4000
5000

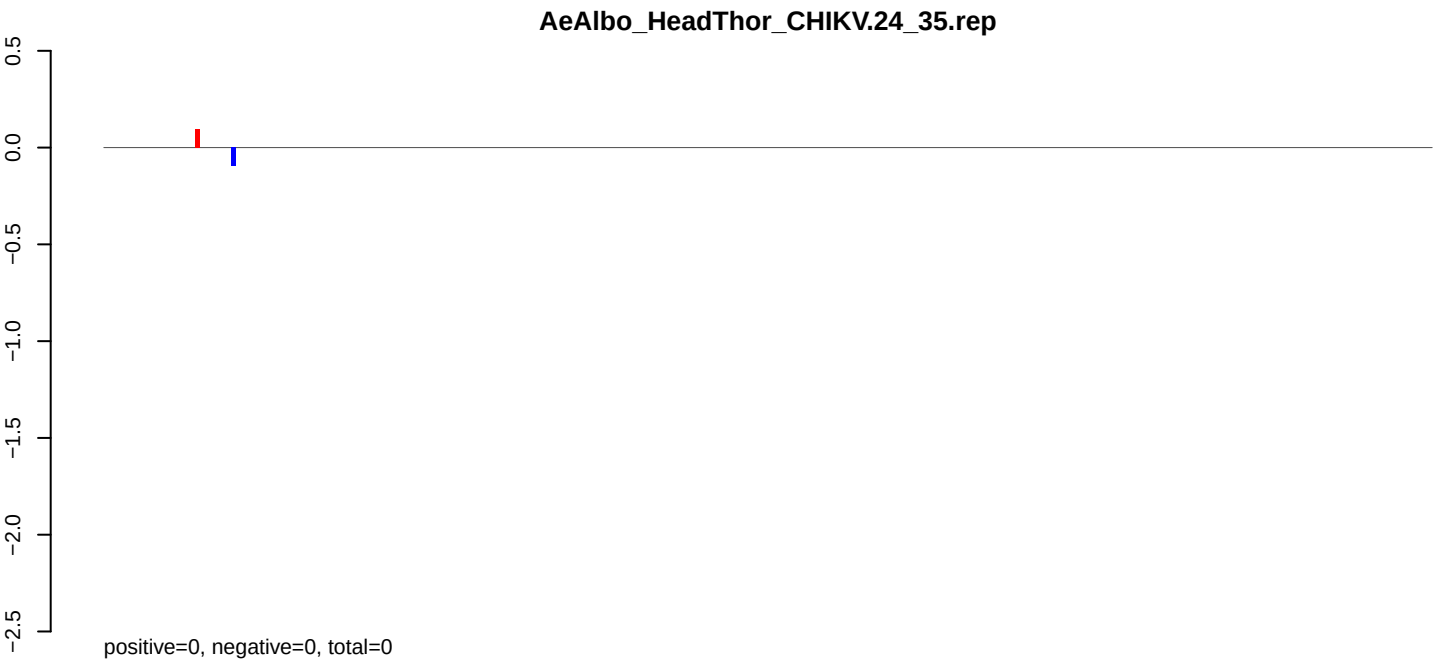

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=27, total=29

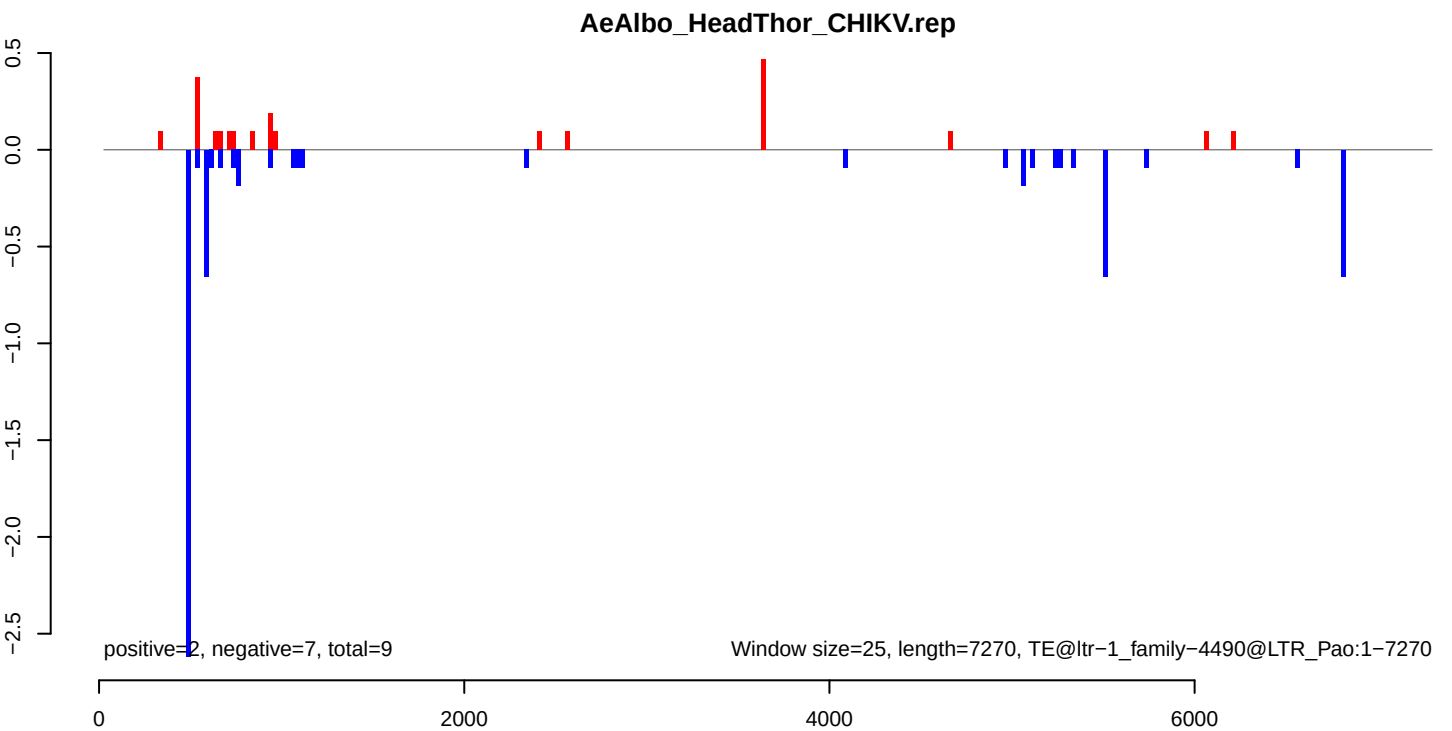

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0

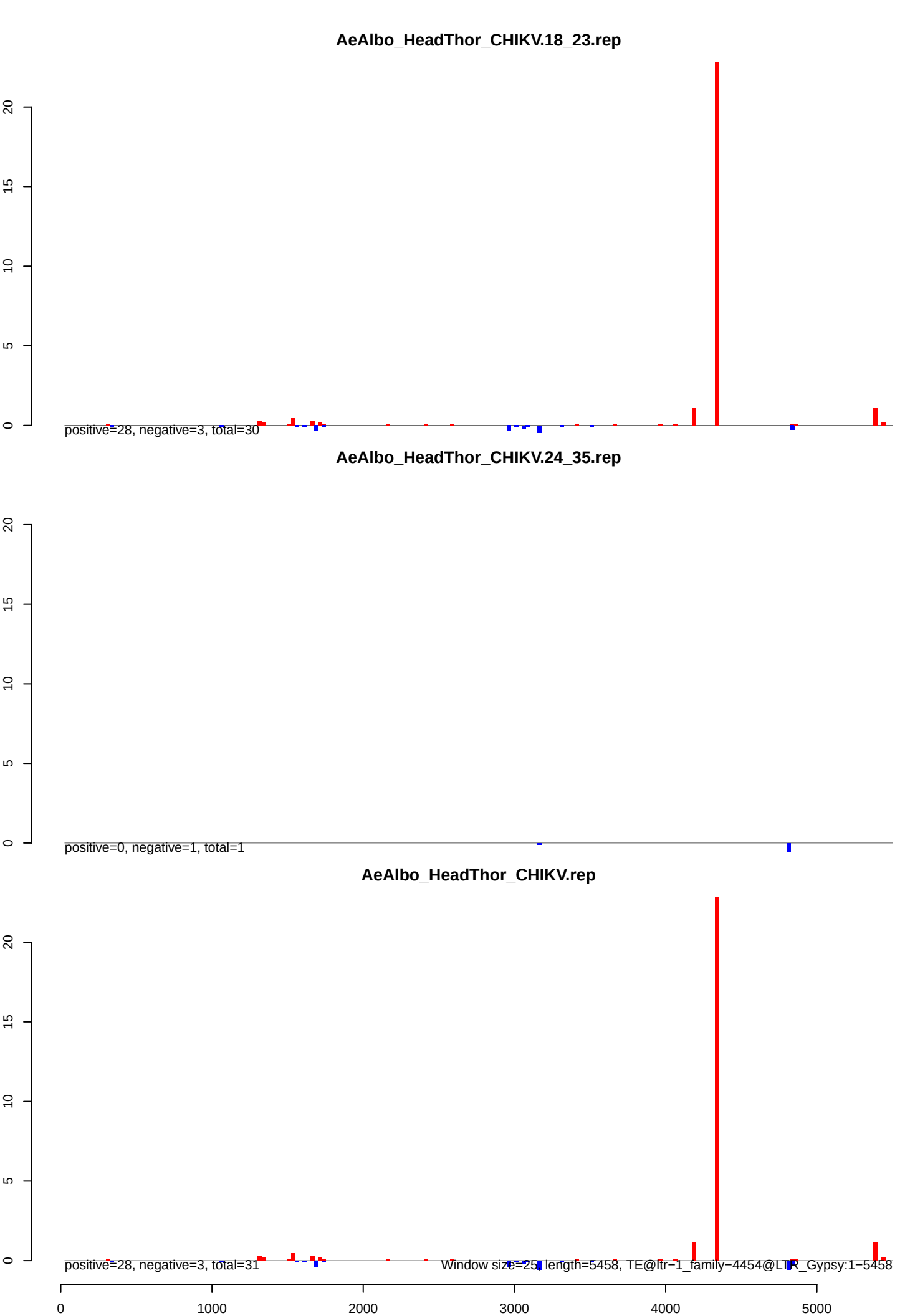

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=27, total=30
Window size=25, length=7307, TE@ltr−1_family−4921@LTR_Pao:1−7307
0
2000
4000
6000

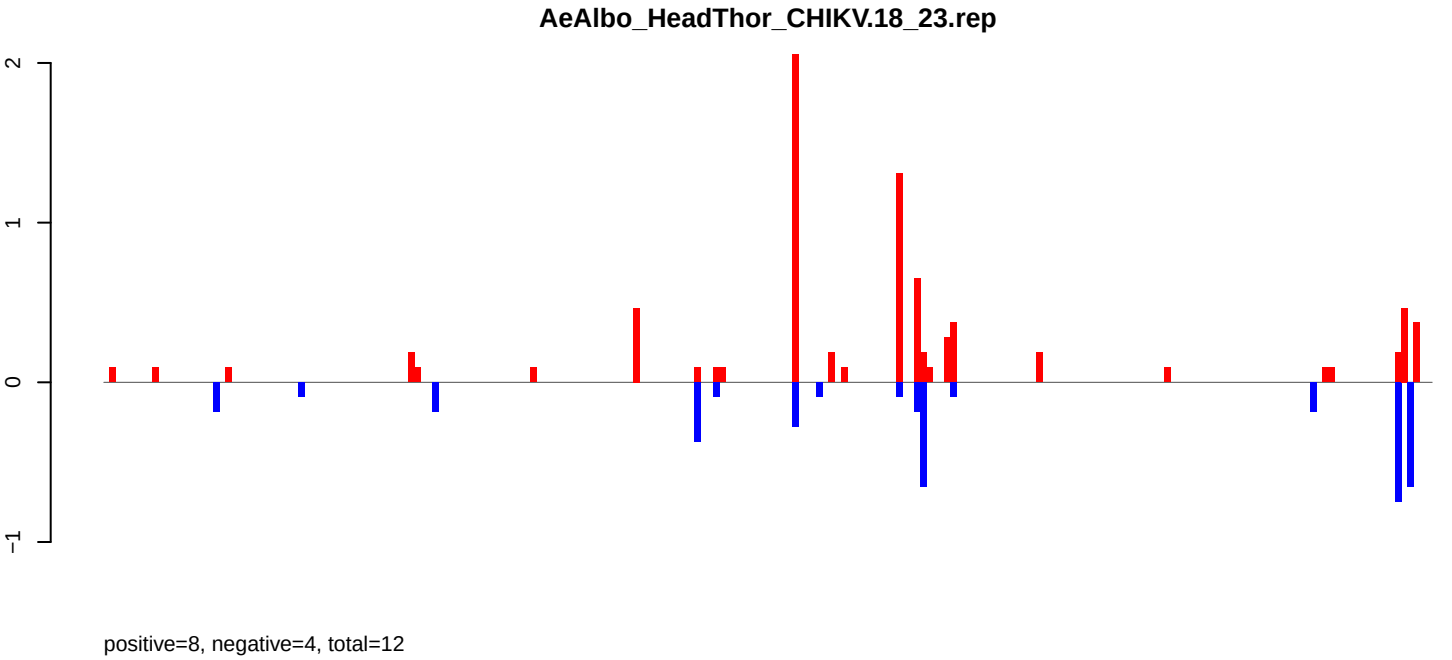

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−100
−200
−300
positive=4, negative=375, total=379
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−100
−200
−300
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−100
−200
−300
positive=4, negative=375, total=379
Window size=25, length=5455, TE@ltr−1_family−4867@SINE_tRNA:1−5455
0
1000
2000
3000
4000
5000

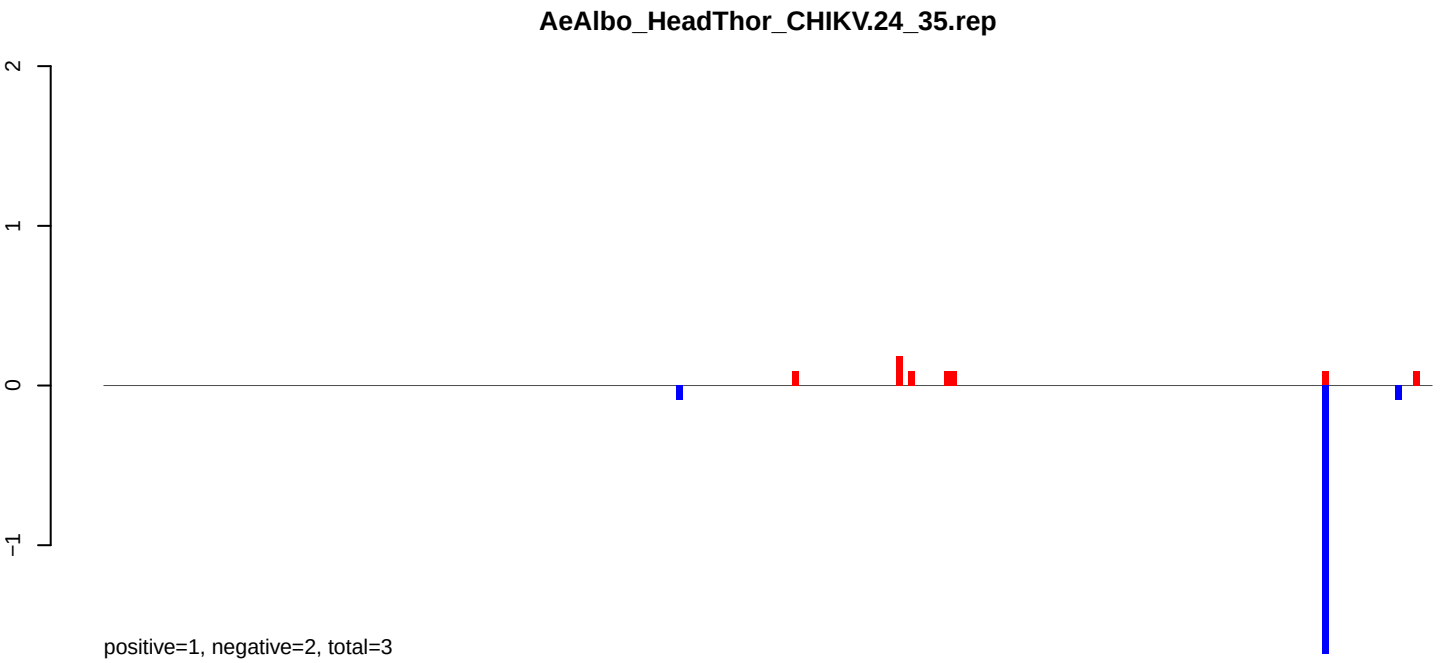

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=6, total=9

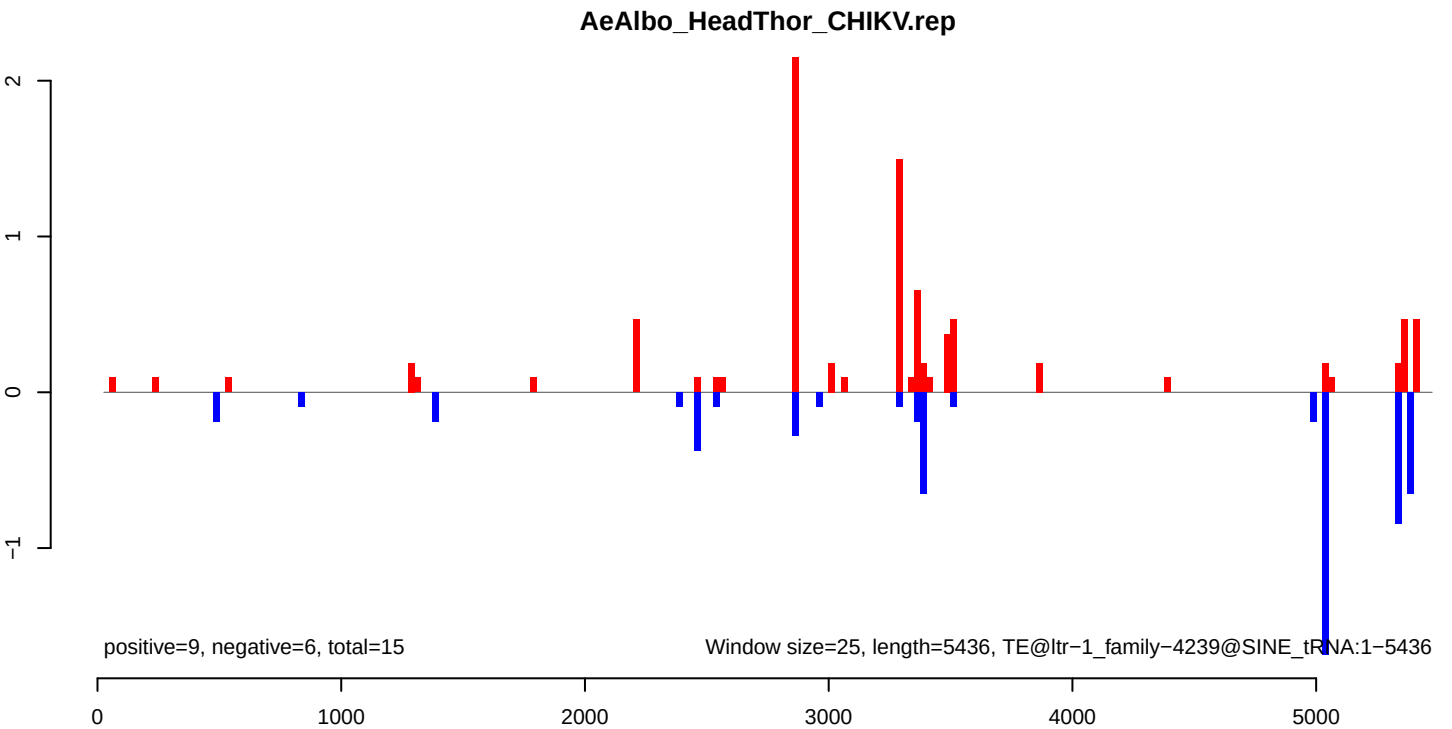

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=0, total=0

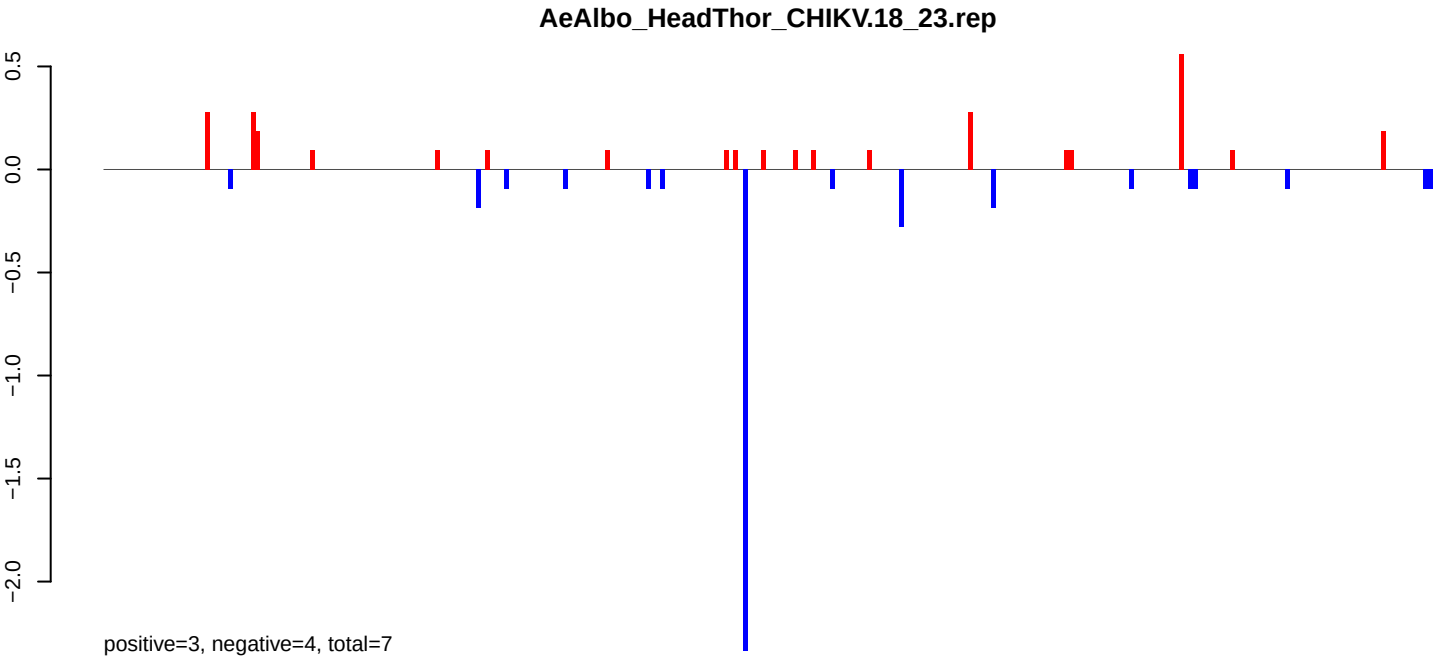

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=7, total=9
Window size=25, length=7270, TE@ltr−1_family−4490@LTR_Pao:1−7270
0
2000
4000
6000

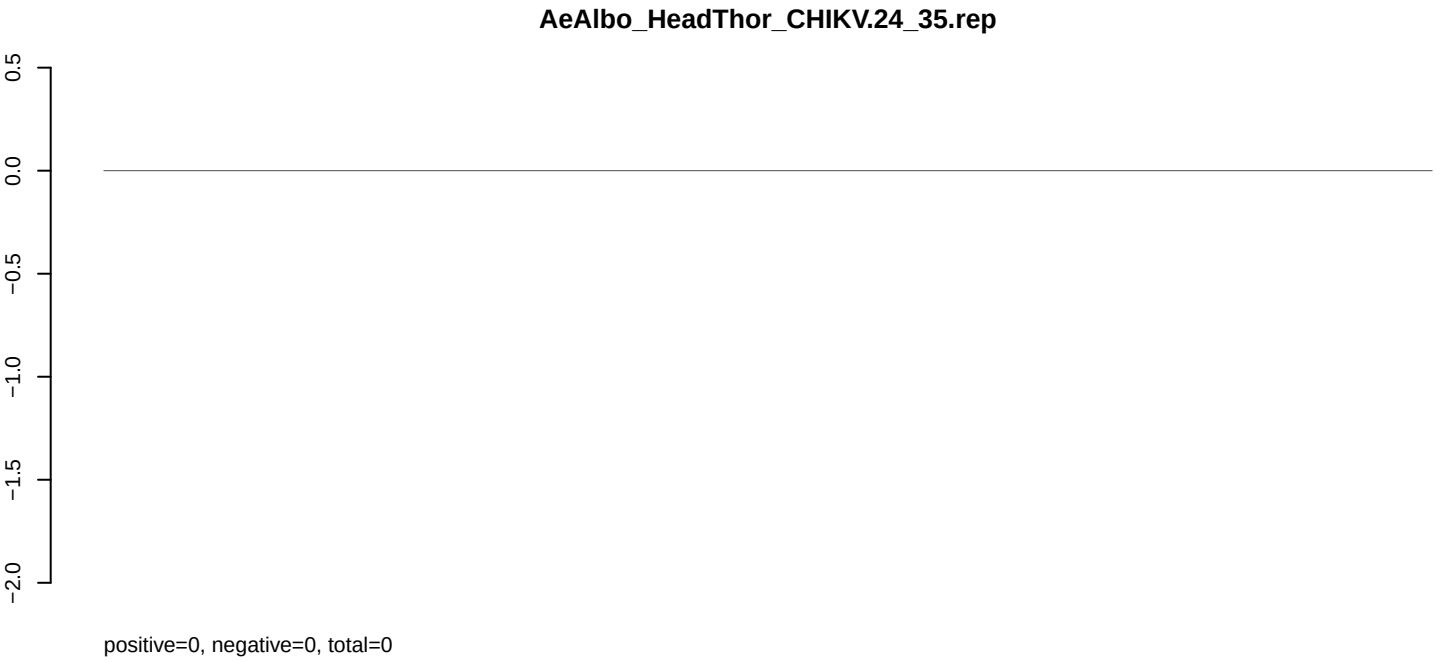

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=28, negative=3, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=28, negative=3, total=31
Window size=25, length=5458, TE@ltr−1_family−4454@LTR_Gypsy:1−5458
0
1000
2000
3000
4000
5000

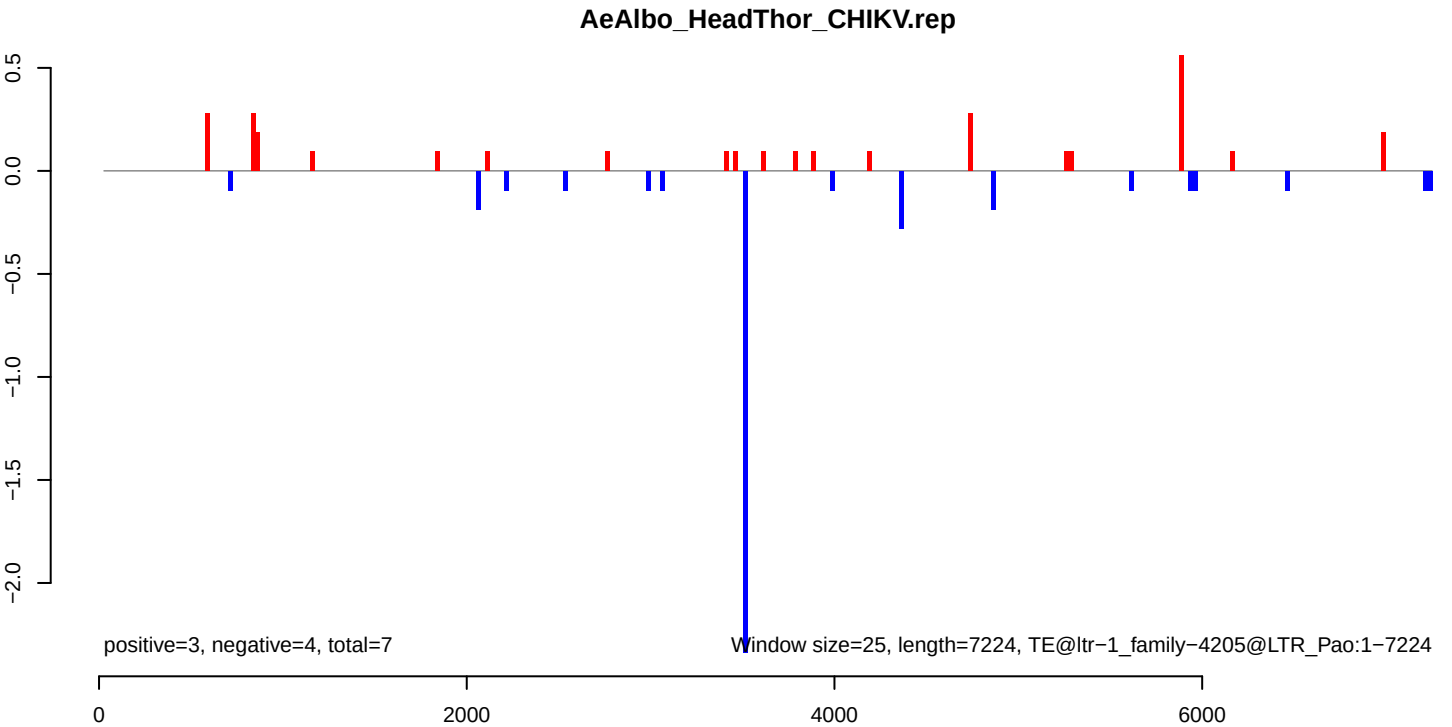

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=8, negative=4, total=12

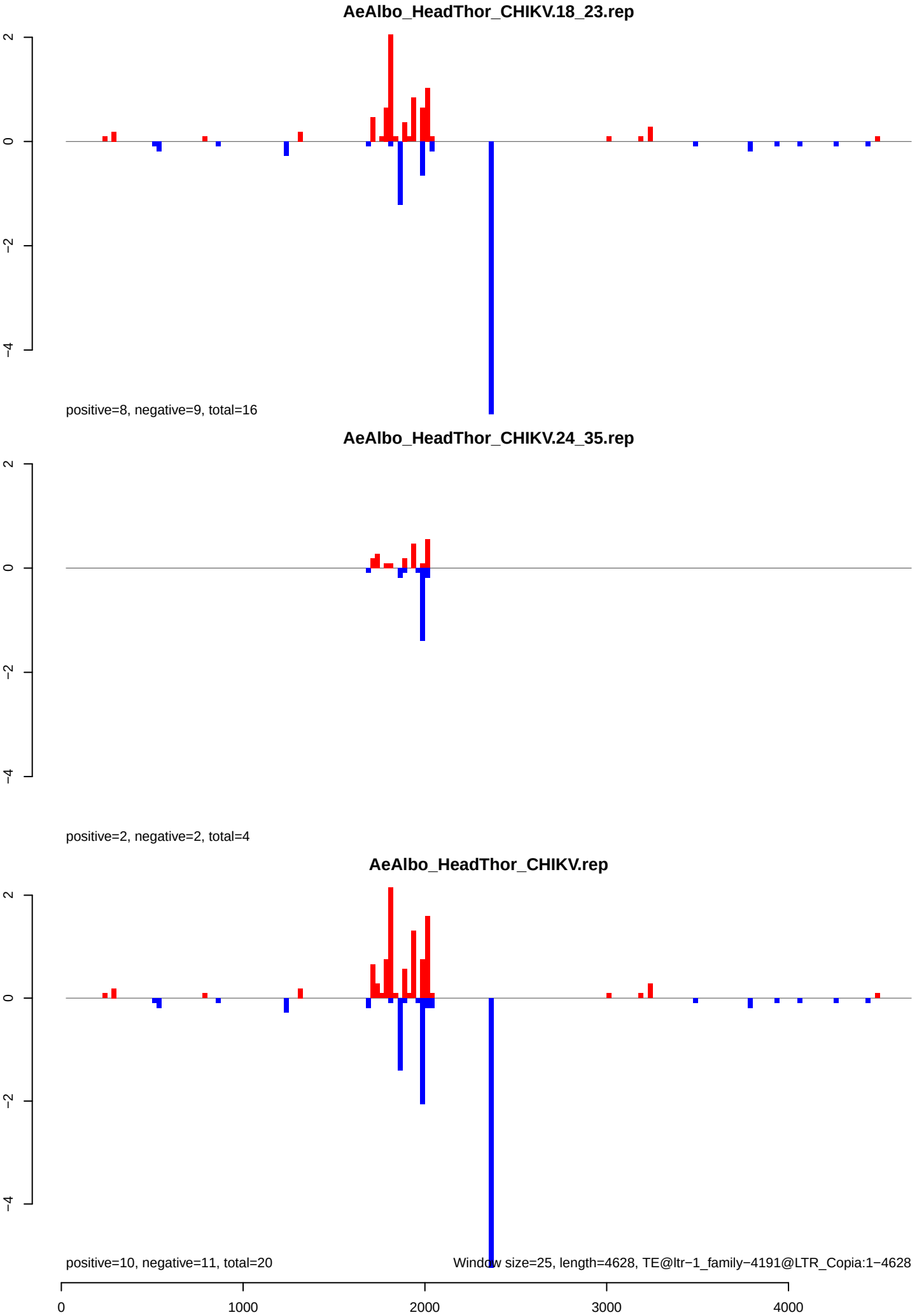

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=1, negative=2, total=3

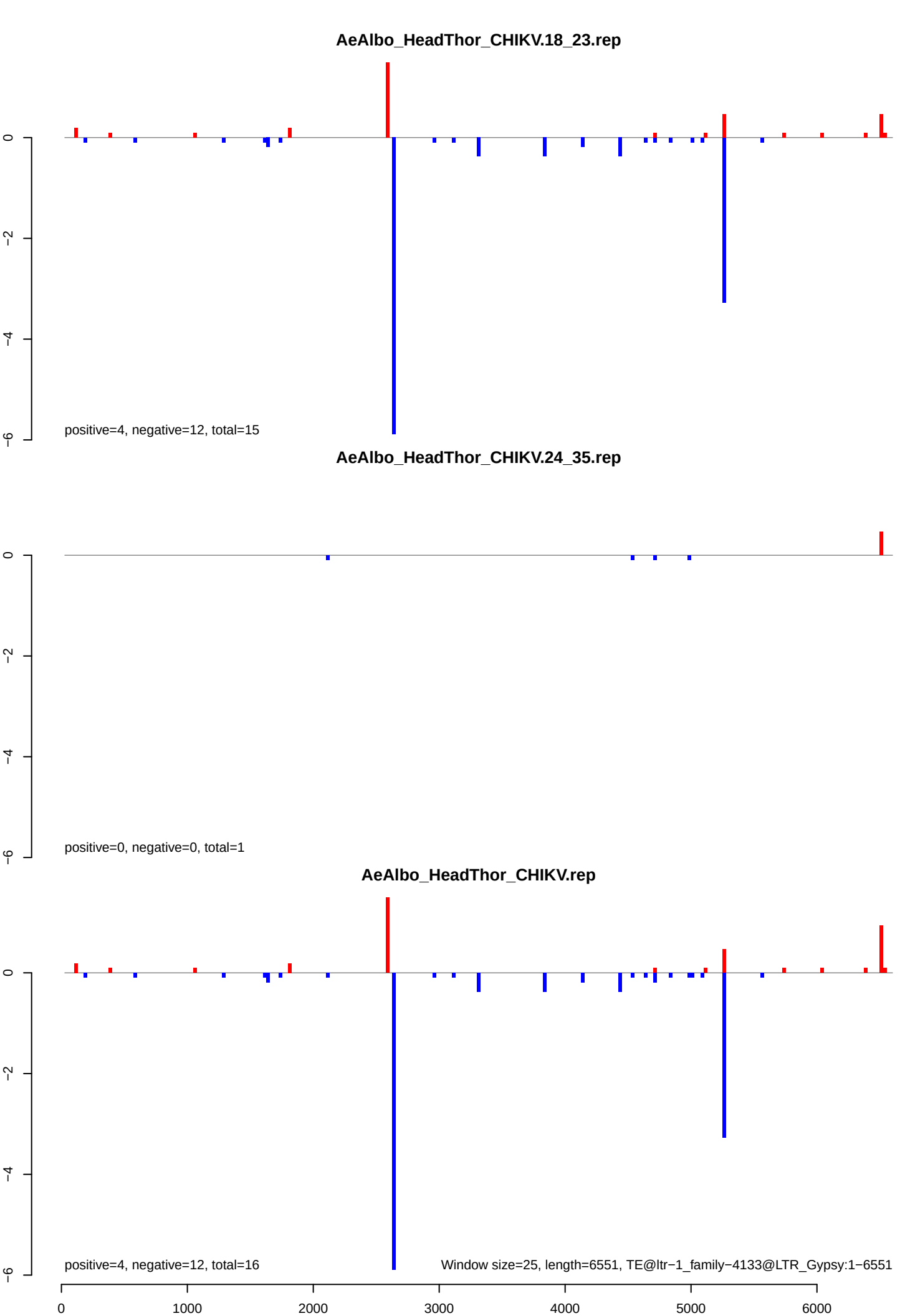

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=9, negative=6, total=15
Window size=25, length=5436, TE@ltr−1_family−4239@SINE_tRNA:1−5436
0
1000
2000
3000
4000
5000

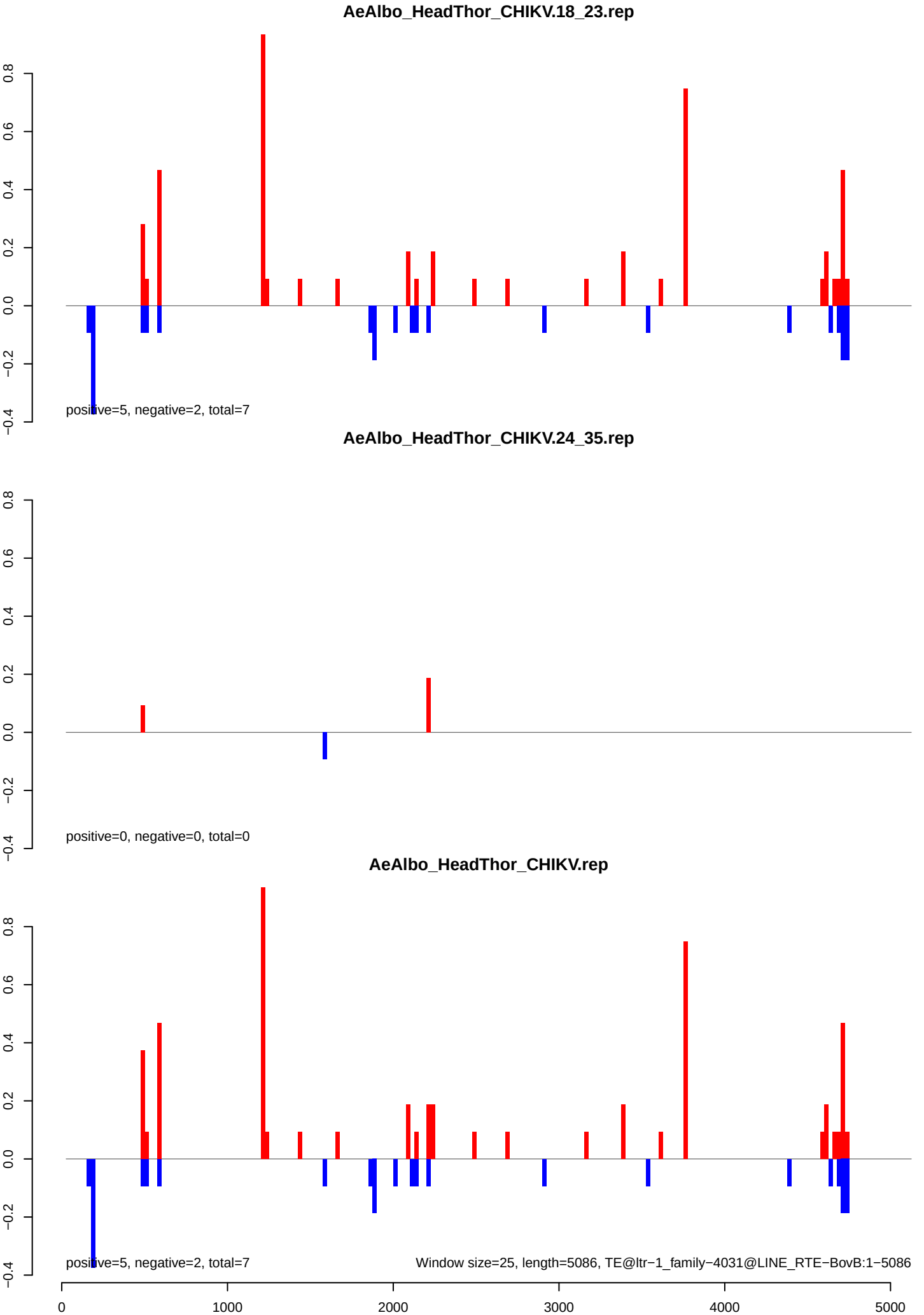

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=3, negative=4, total=7

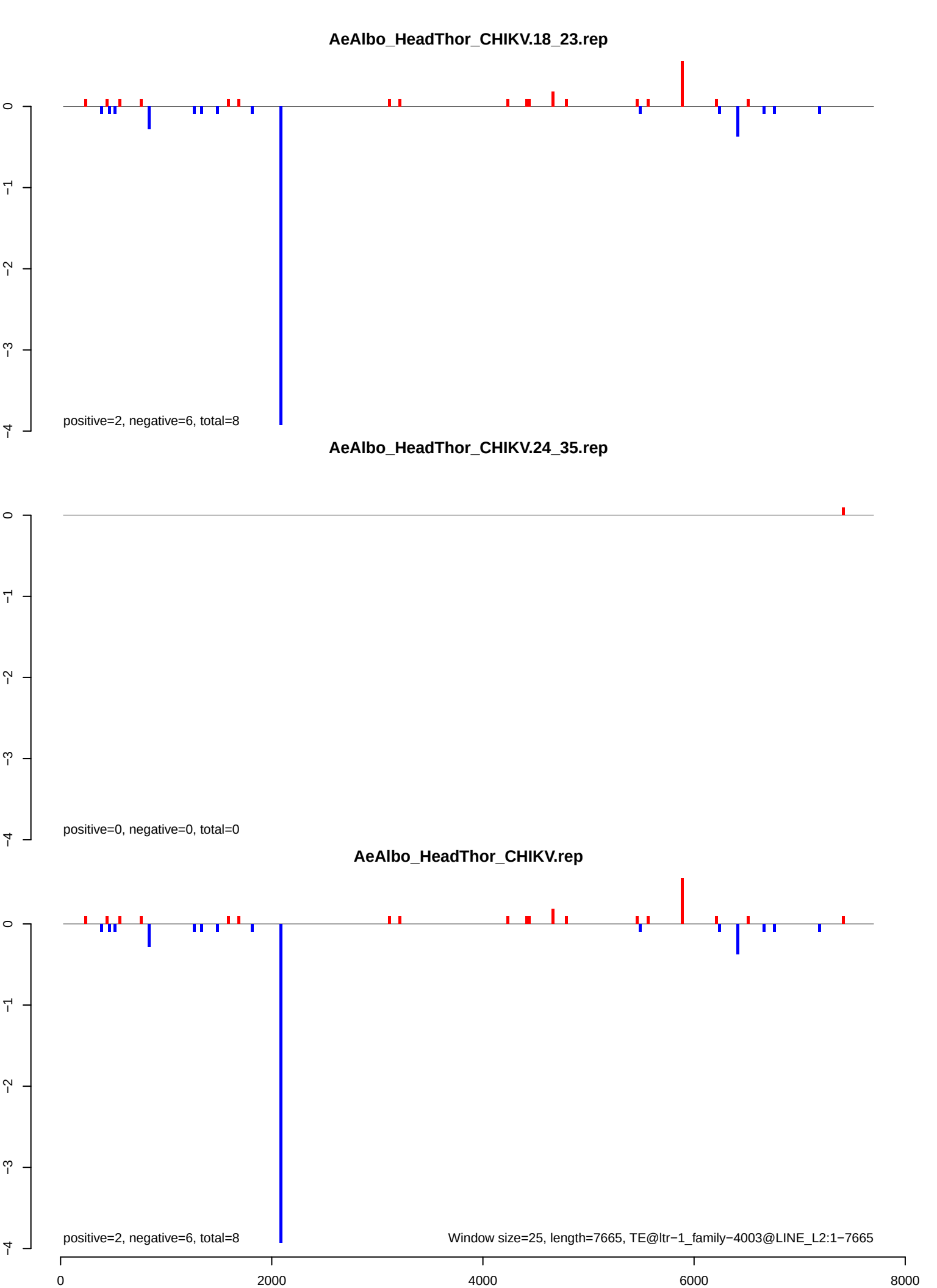

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0

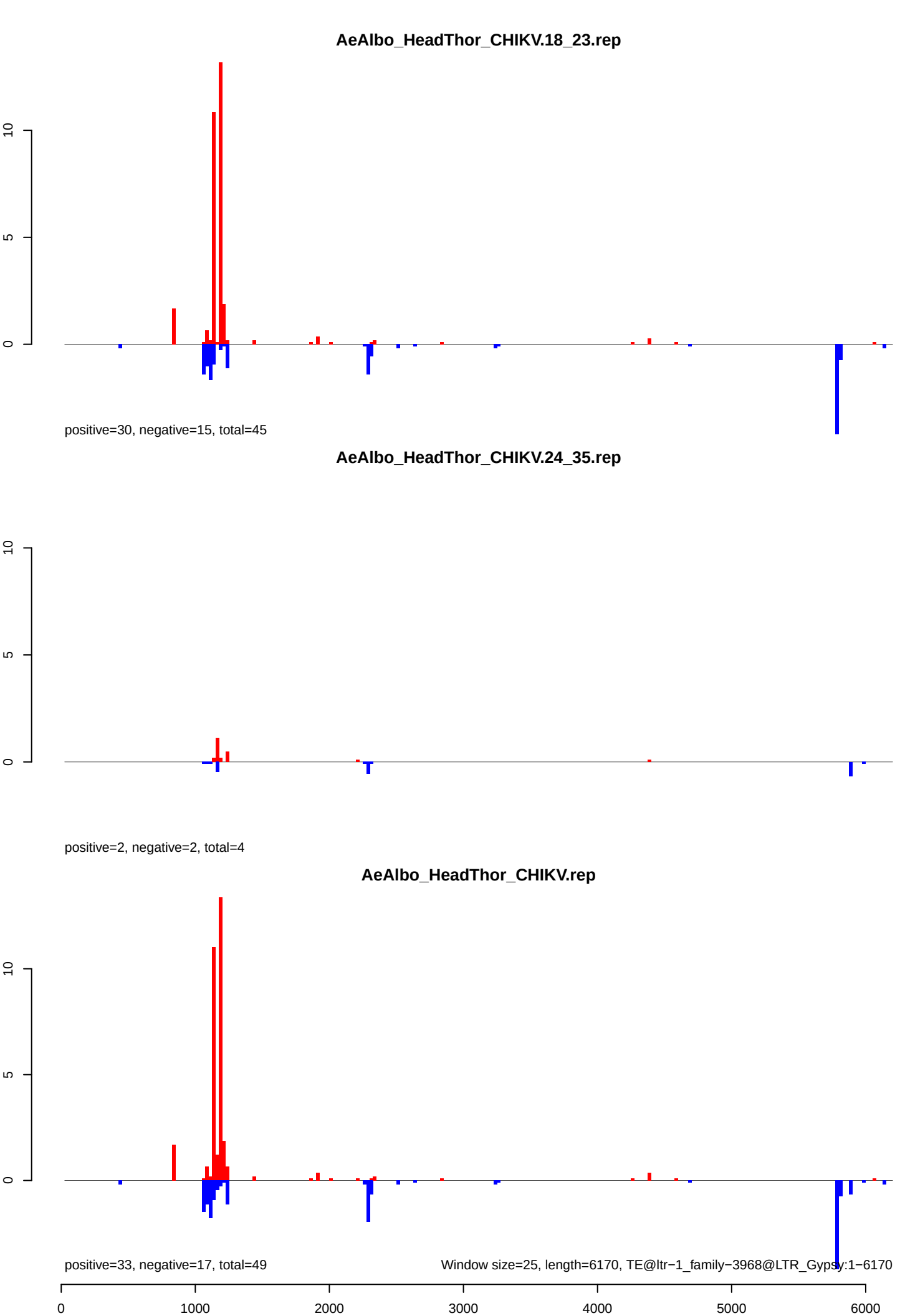

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=3, negative=4, total=7
Window size=25, length=7224, TE@ltr−1_family−4205@LTR_Pao:1−7224
0
2000
4000
6000

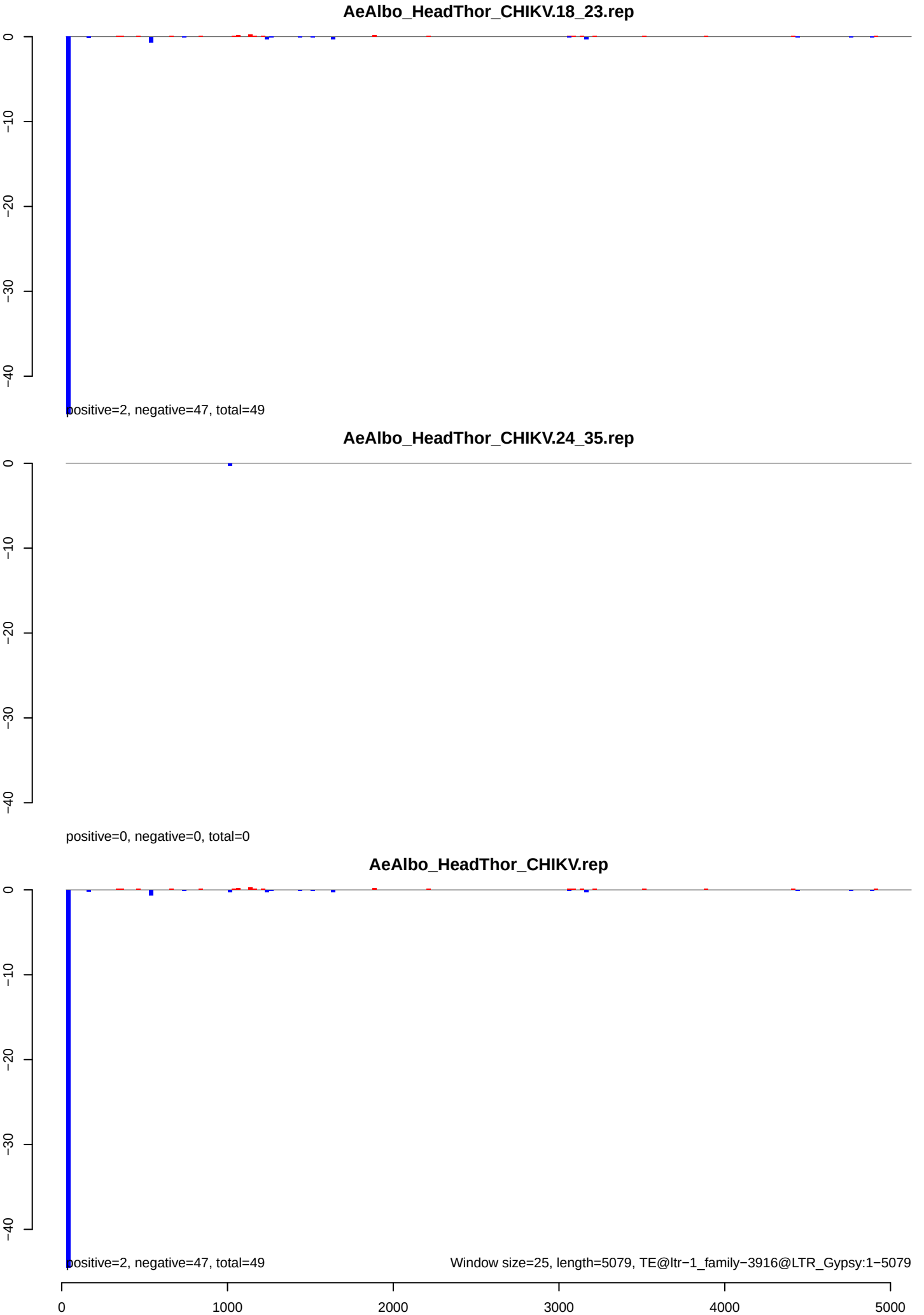

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=9, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=11, total=20
Window size=25, length=4628, TE@ltr−1_family−4191@LTR_Copia:1−4628
2
0
−2
−4
0
1000
2000
3000
4000

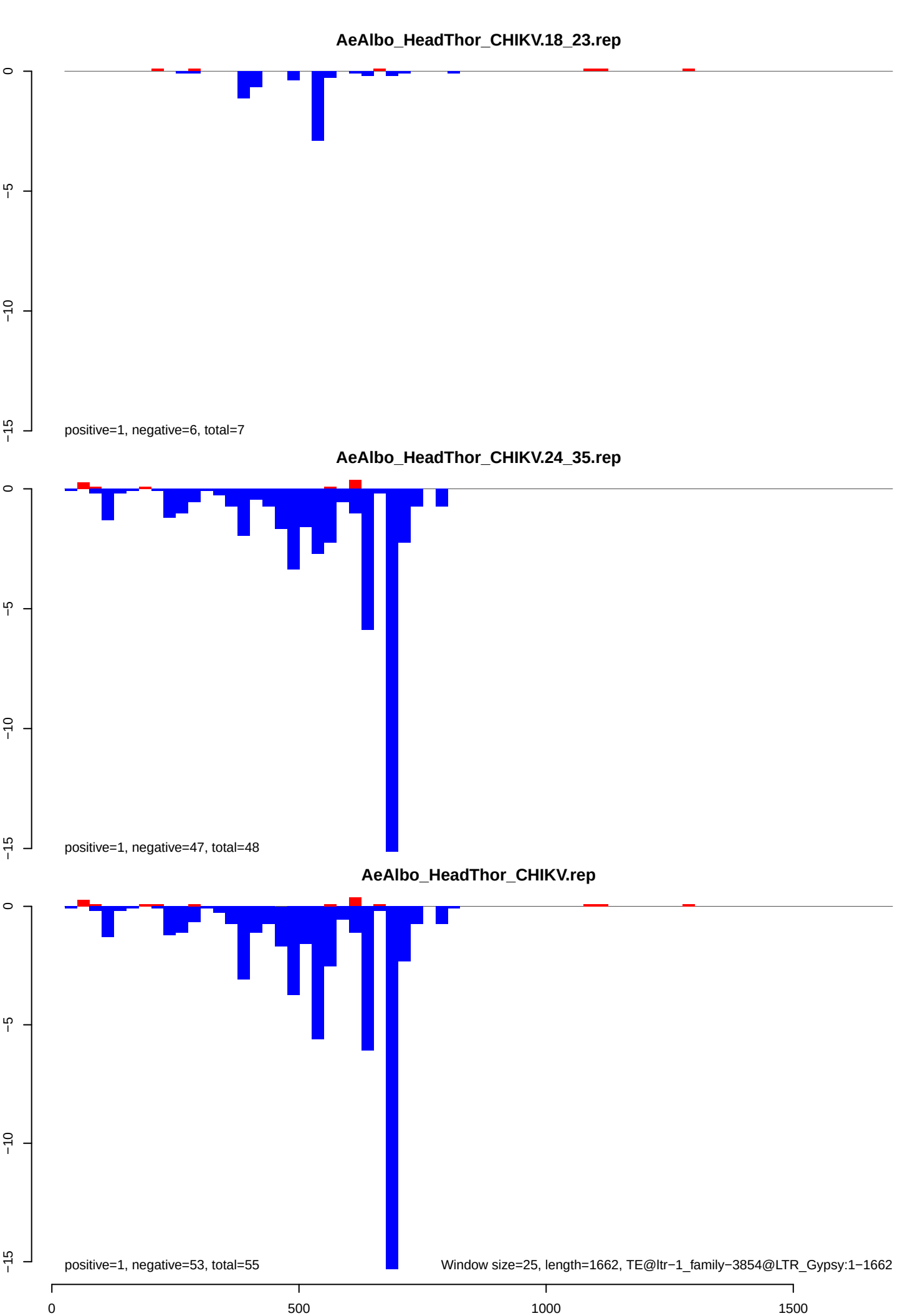

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=12, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=12, total=16
Window size=25, length=6551, TE@ltr−1_family−4133@LTR_Gypsy:1−6551
0
−2
−4
−6
0
1000
2000
3000
4000
5000
6000

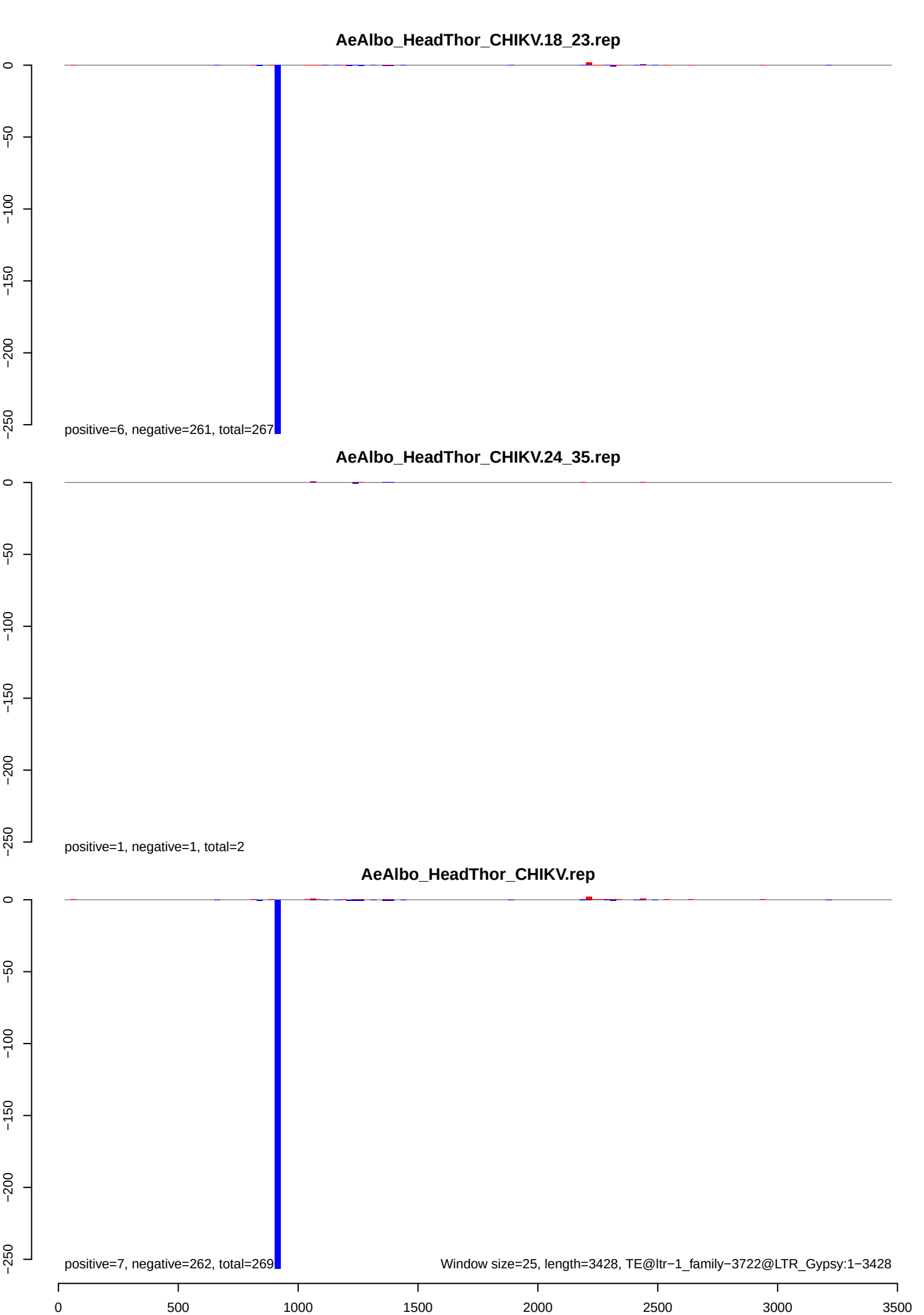

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=2, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=2, total=7
Window size=25, length=5086, TE@ltr−1_family−4031@LINE_RTE−BovB:1−5086
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
1000
2000
3000
4000
5000

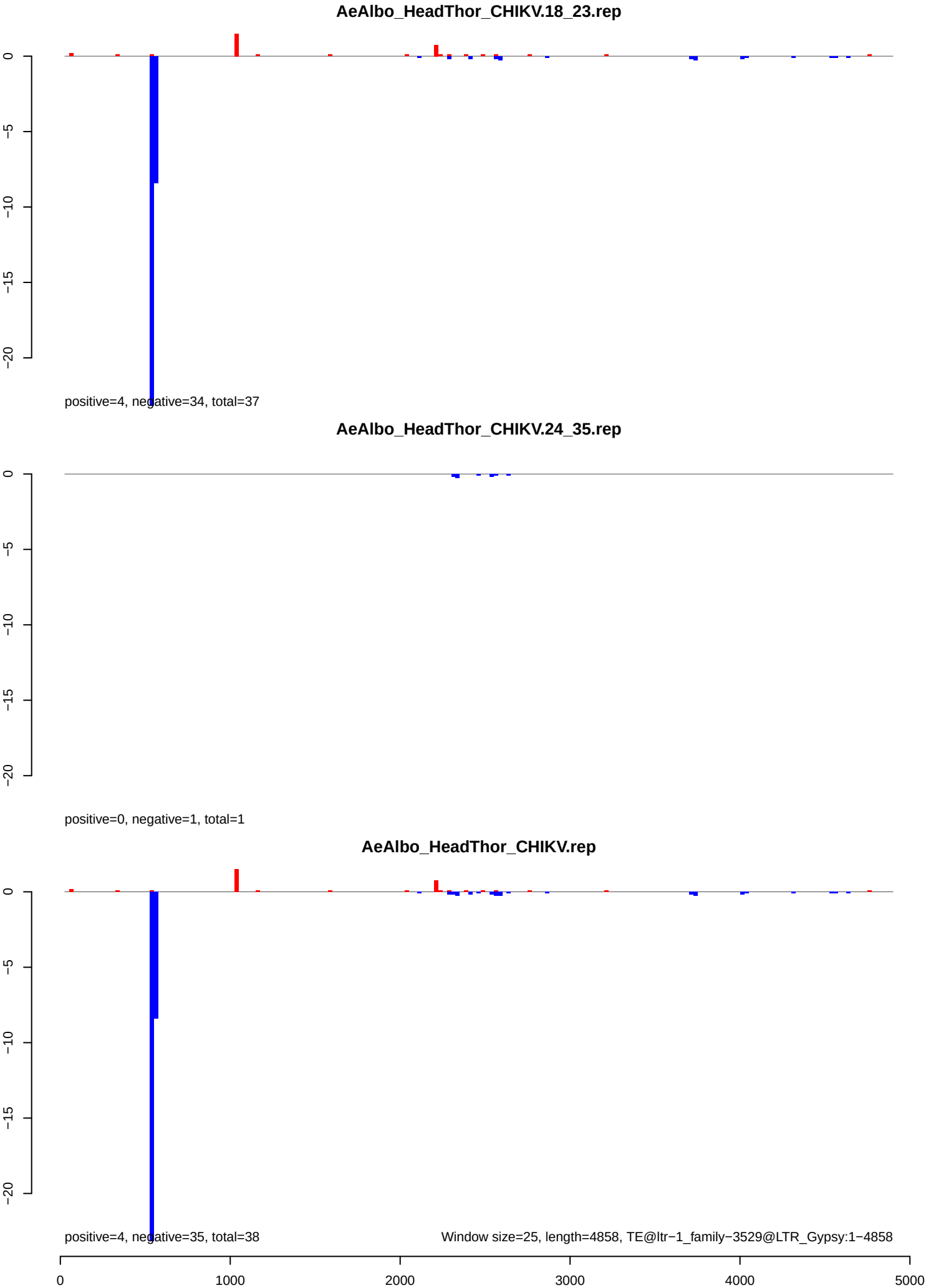

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=6, total=8
Window size=25, length=7665, TE@ltr−1_family−4003@LINE_L2:1−7665
0
−1
−2
−3
−4
0
2000
4000
6000
8000

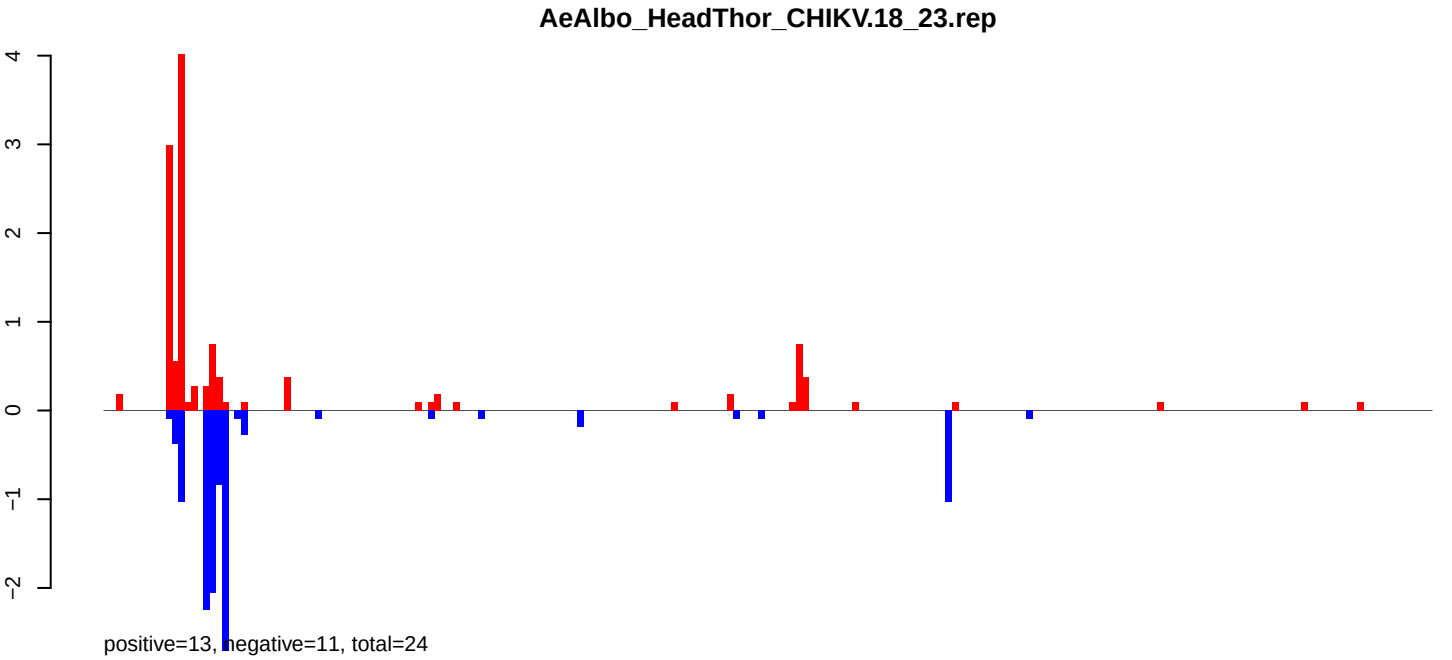

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
positive=30, negative=15, total=45
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
10
5
0
positive=33, negative=17, total=49
Window size=25, length=6170, TE@ltr−1_family−3968@LTR_Gypsy:1−6170
0
1000
2000
3000
4000
5000
6000

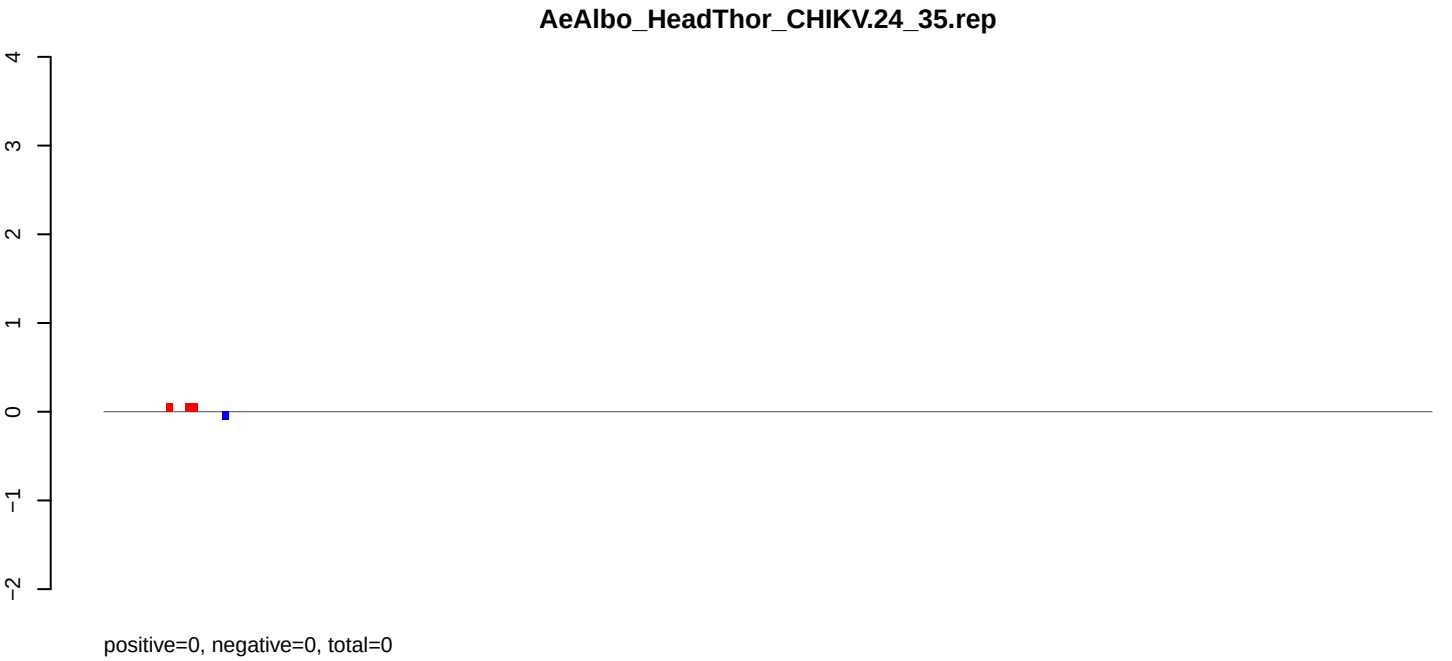

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=2, negative=47, total=49
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=2, negative=47, total=49
Window size=25, length=5079, TE@ltr−1_family−3916@LTR_Gypsy:1−5079
0
1000
2000
3000
4000
5000

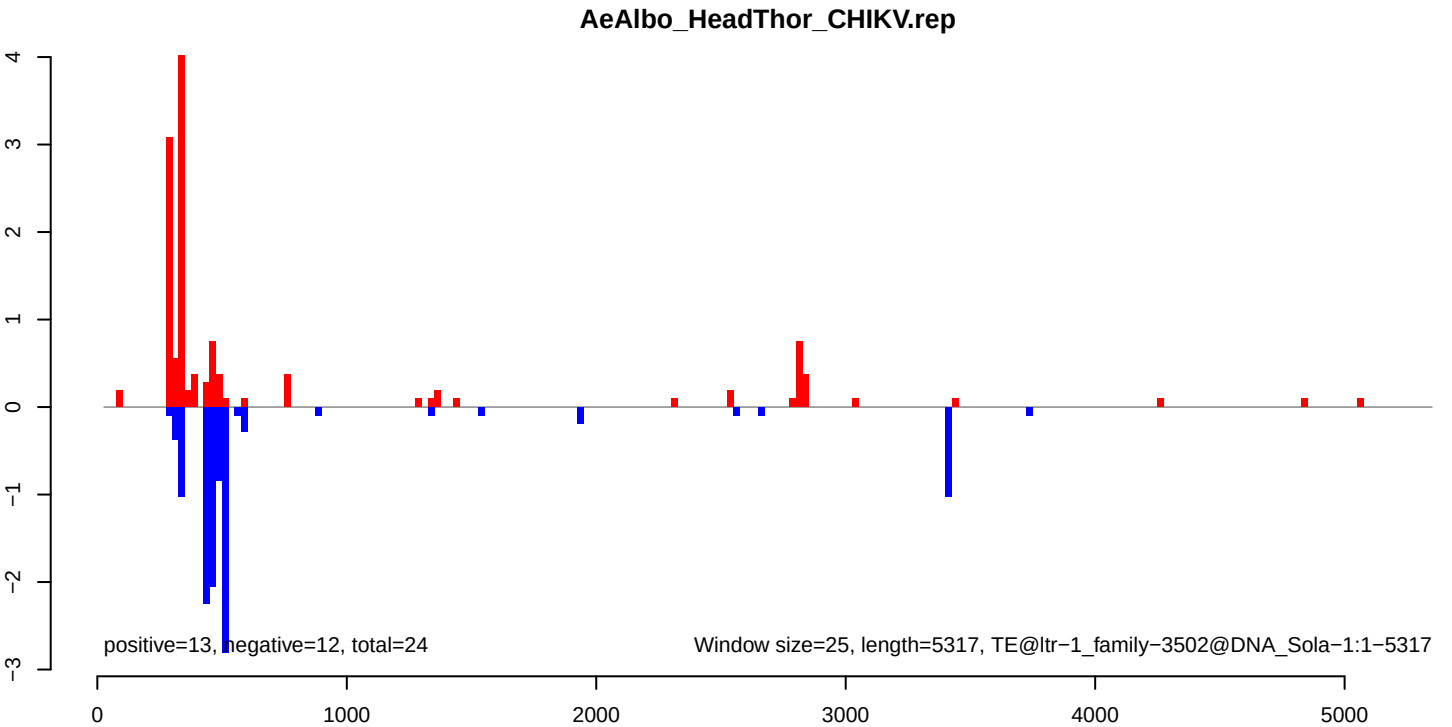

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=1, negative=47, total=48
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=53, total=55
Window size=25, length=1662, TE@ltr−1_family−3854@LTR_Gypsy:1−1662
0
500
1000
1500

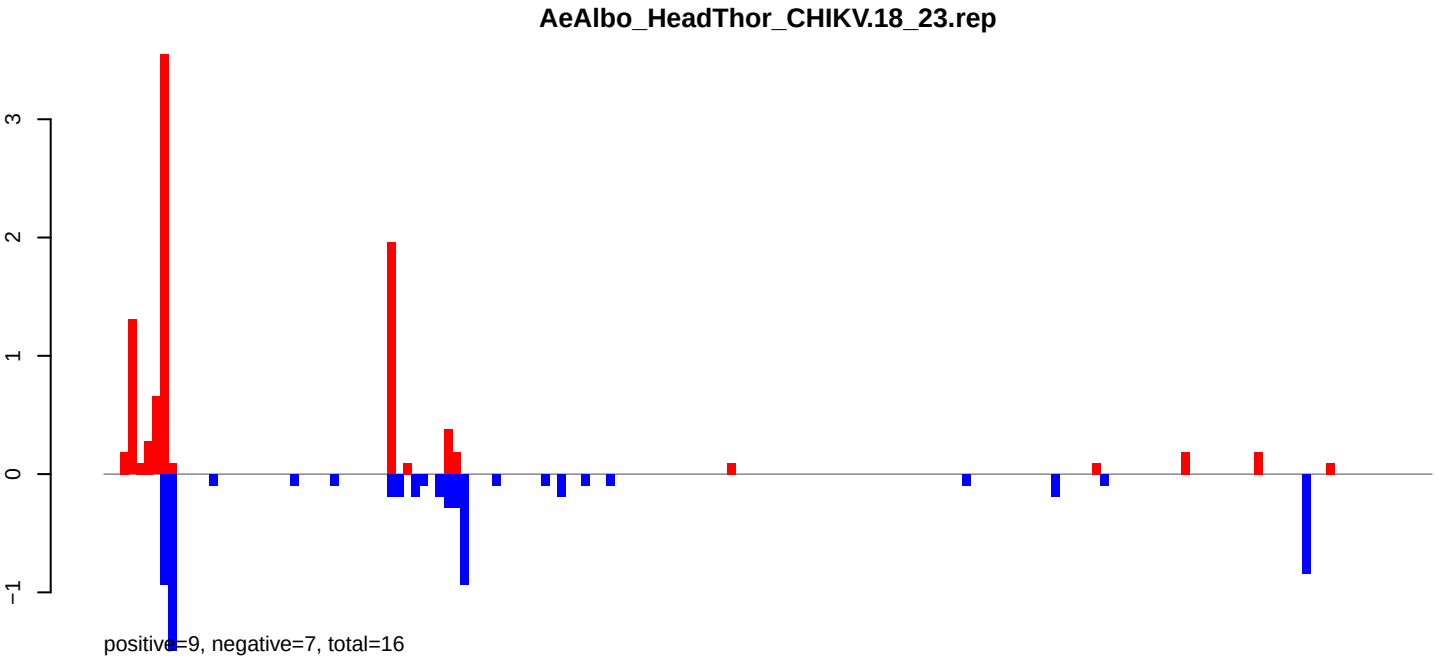

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
−200
−250
positive=6, negative=261, total=267
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
−200
−250
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
−200
−250
positive=7, negative=262, total=269
Window size=25, length=3428, TE@ltr−1_family−3722@LTR_Gypsy:1−3428
0
500
1000
1500
2000
2500
3000
3500

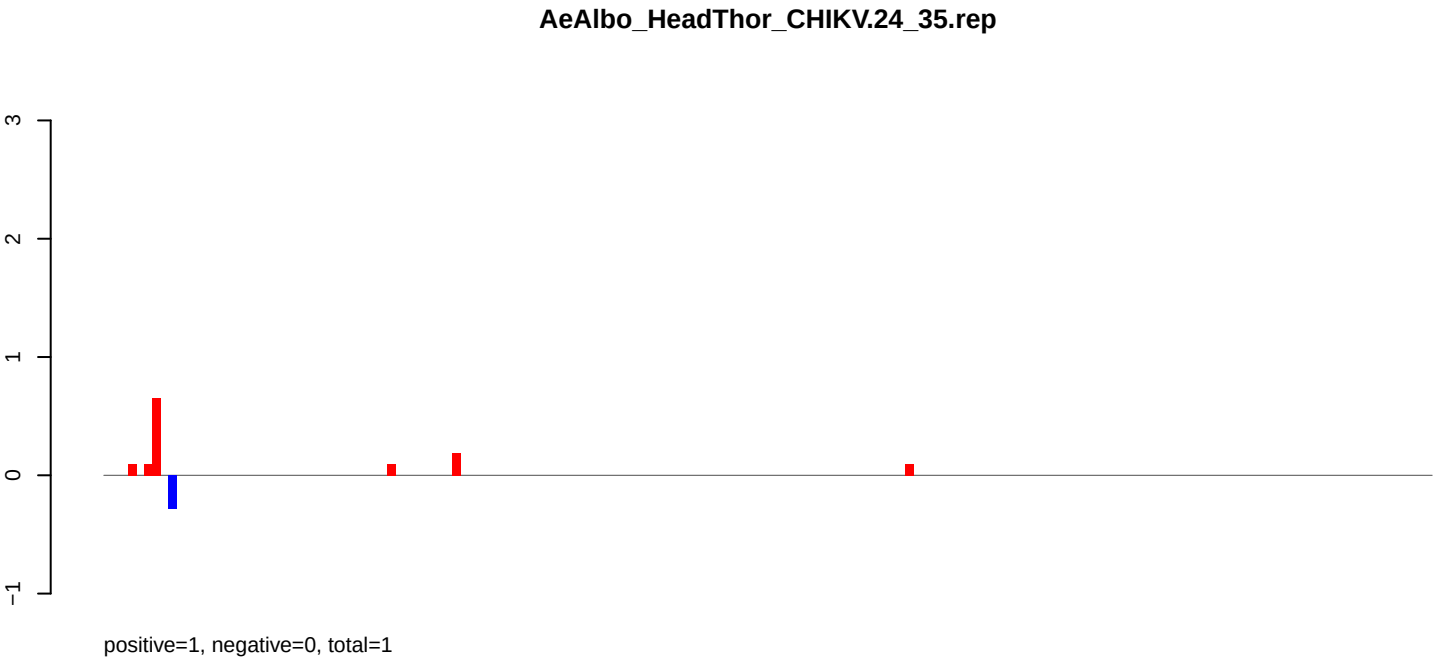

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=4, negative=34, total=37
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=4, negative=35, total=38
Window size=25, length=4858, TE@ltr−1_family−3529@LTR_Gypsy:1−4858
0
1000
2000
3000
4000
5000

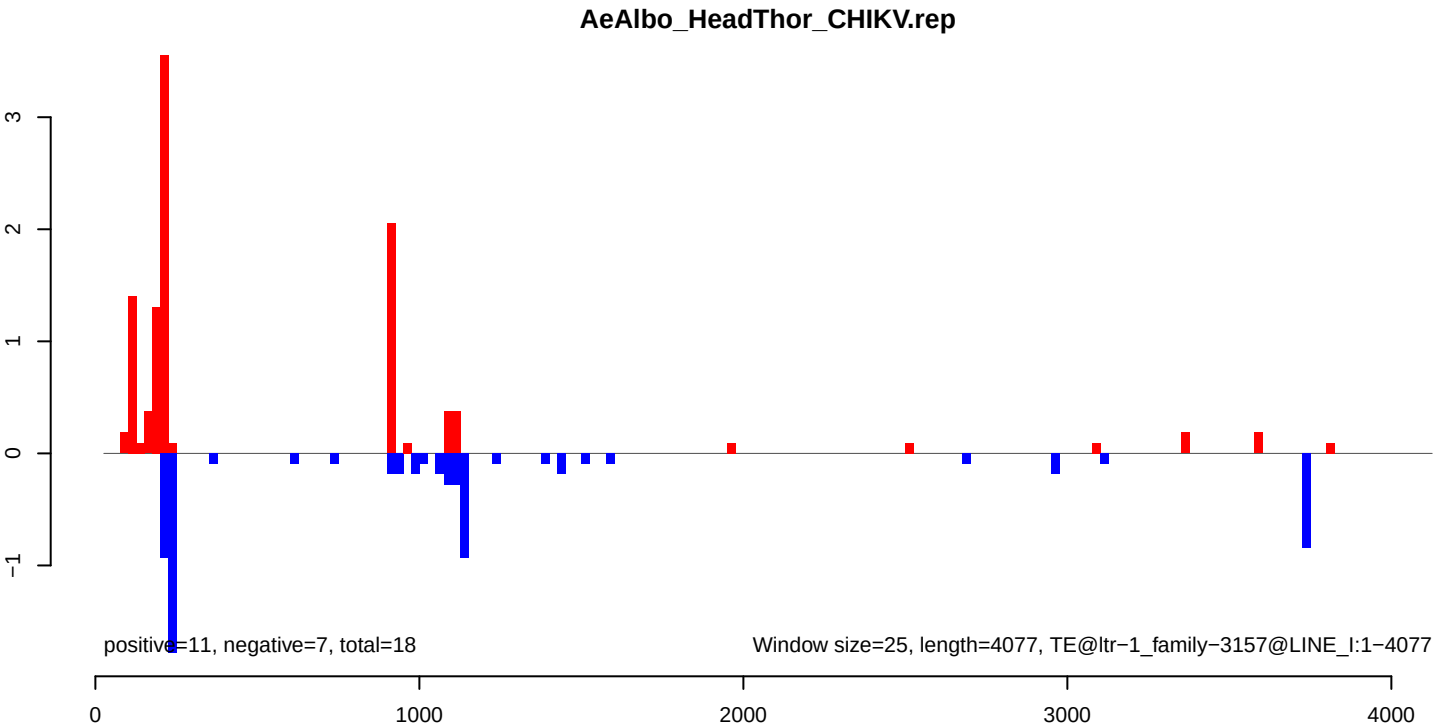

AeAlbo_HeadThor_CHIKV.18_23.rep
4
3
2
1
0
−1
−2
positive=13, negative=11, total=24

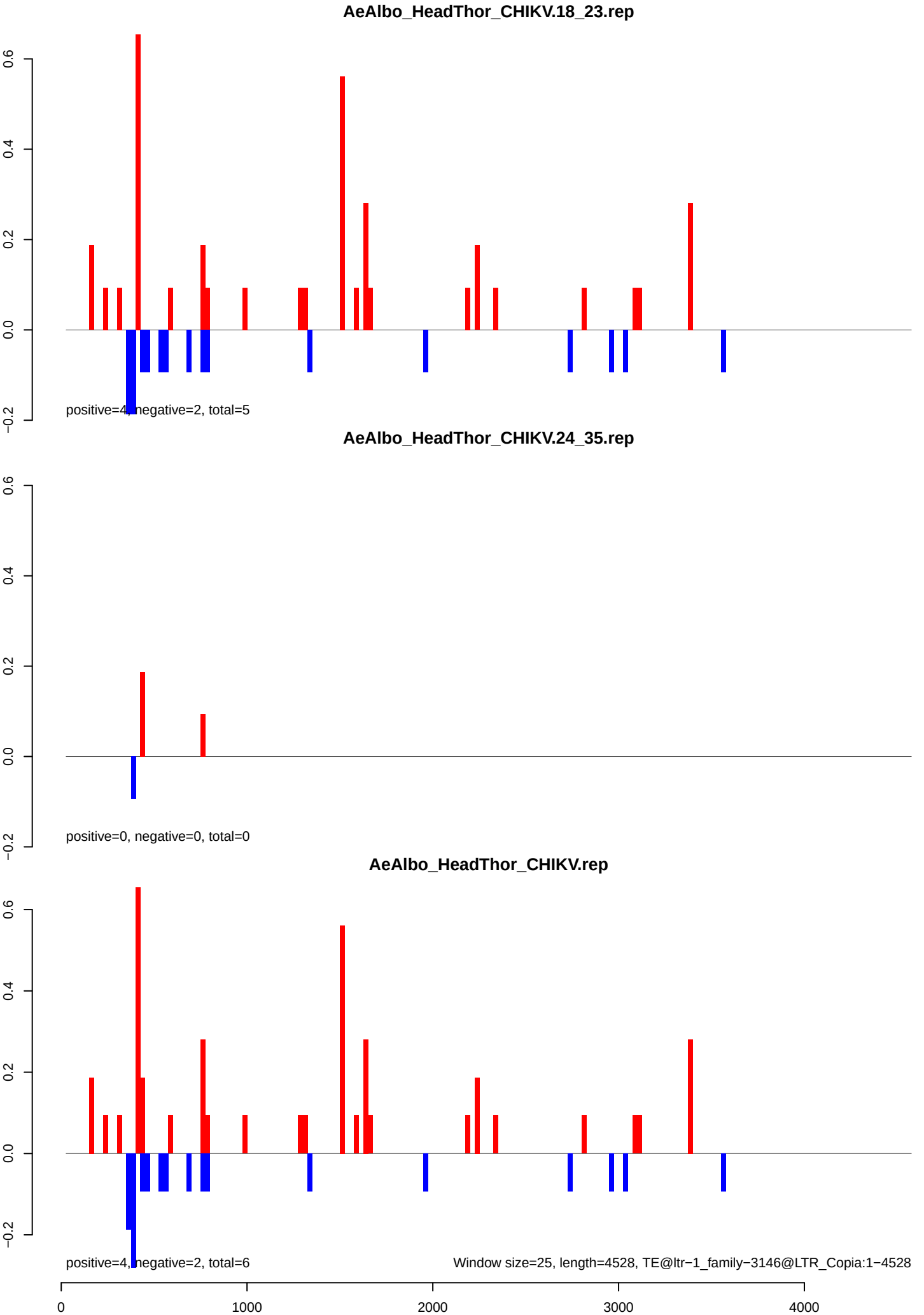

AeAlbo_HeadThor_CHIKV.24_35.rep
4
3
2
1
0
−1
−2
positive=0, negative=0, total=0

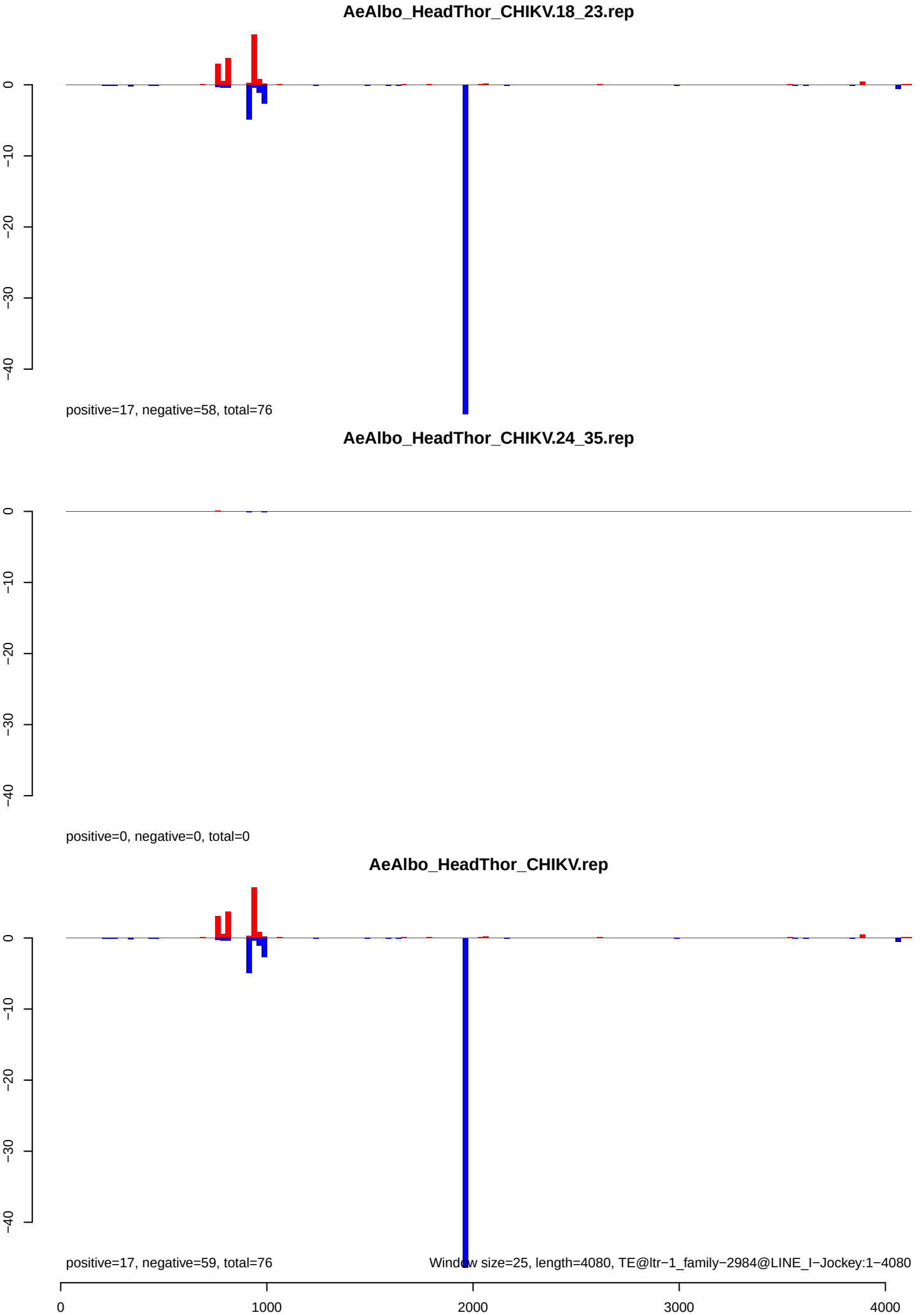

AeAlbo_HeadThor_CHIKV.rep
4
3
2
1
0
−1
−2
−3
positive=13, negative=12, total=24
Window size=25, length=5317, TE@ltr−1_family−3502@DNA_Sola−1:1−5317
0
1000
2000
3000
4000
5000

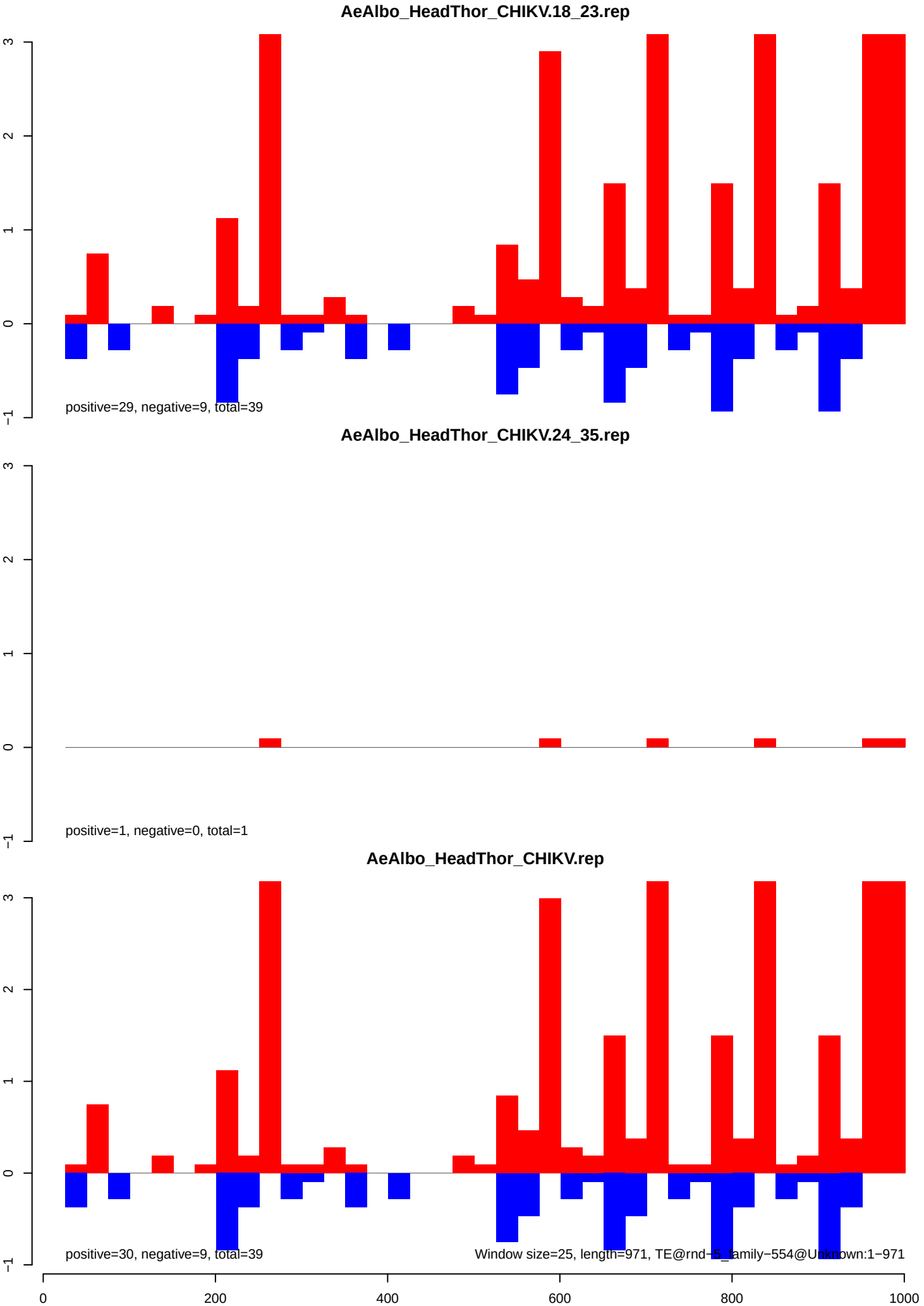

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
positive=9, negative=7, total=16

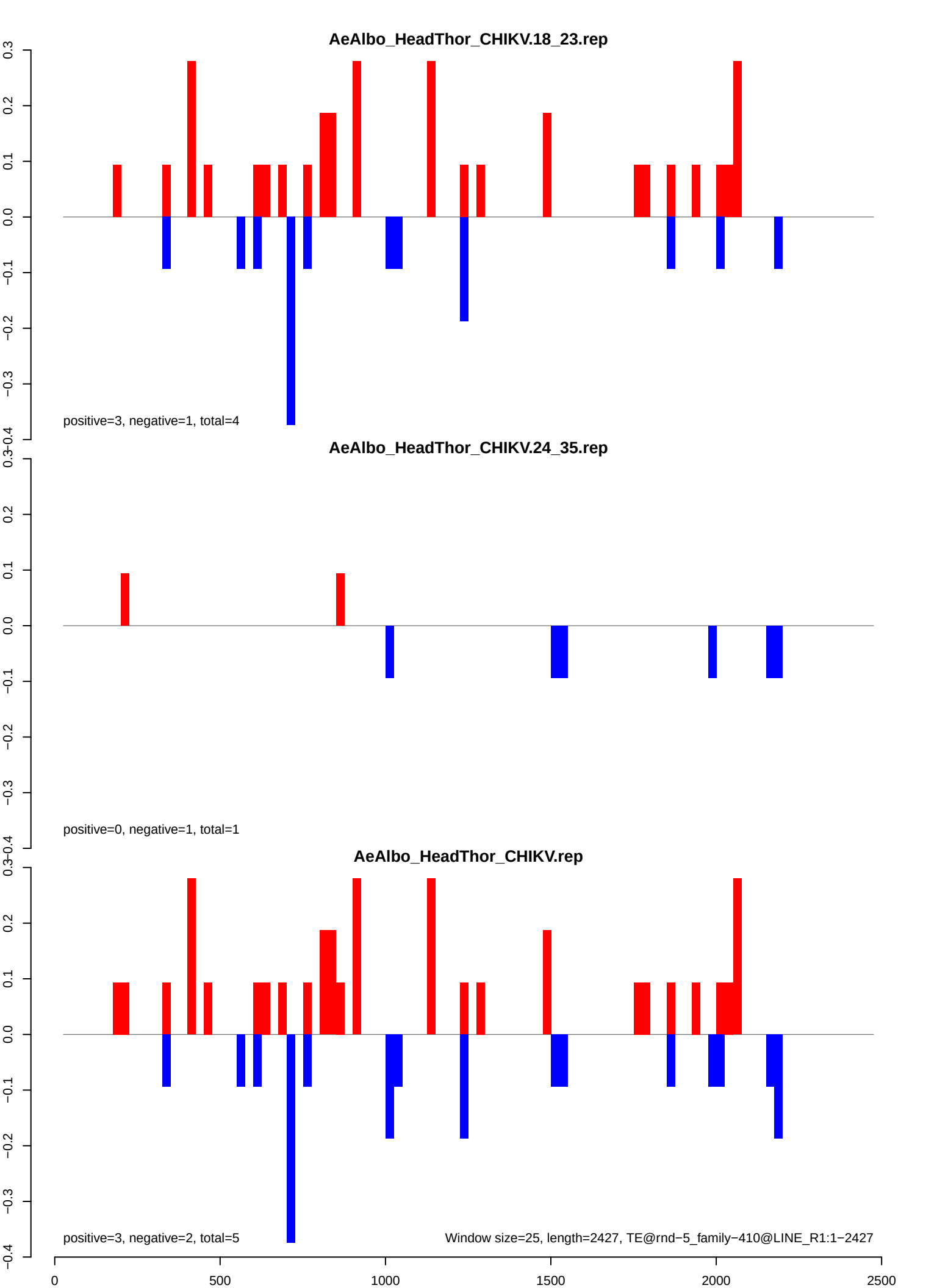

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
positive=1, negative=0, total=1

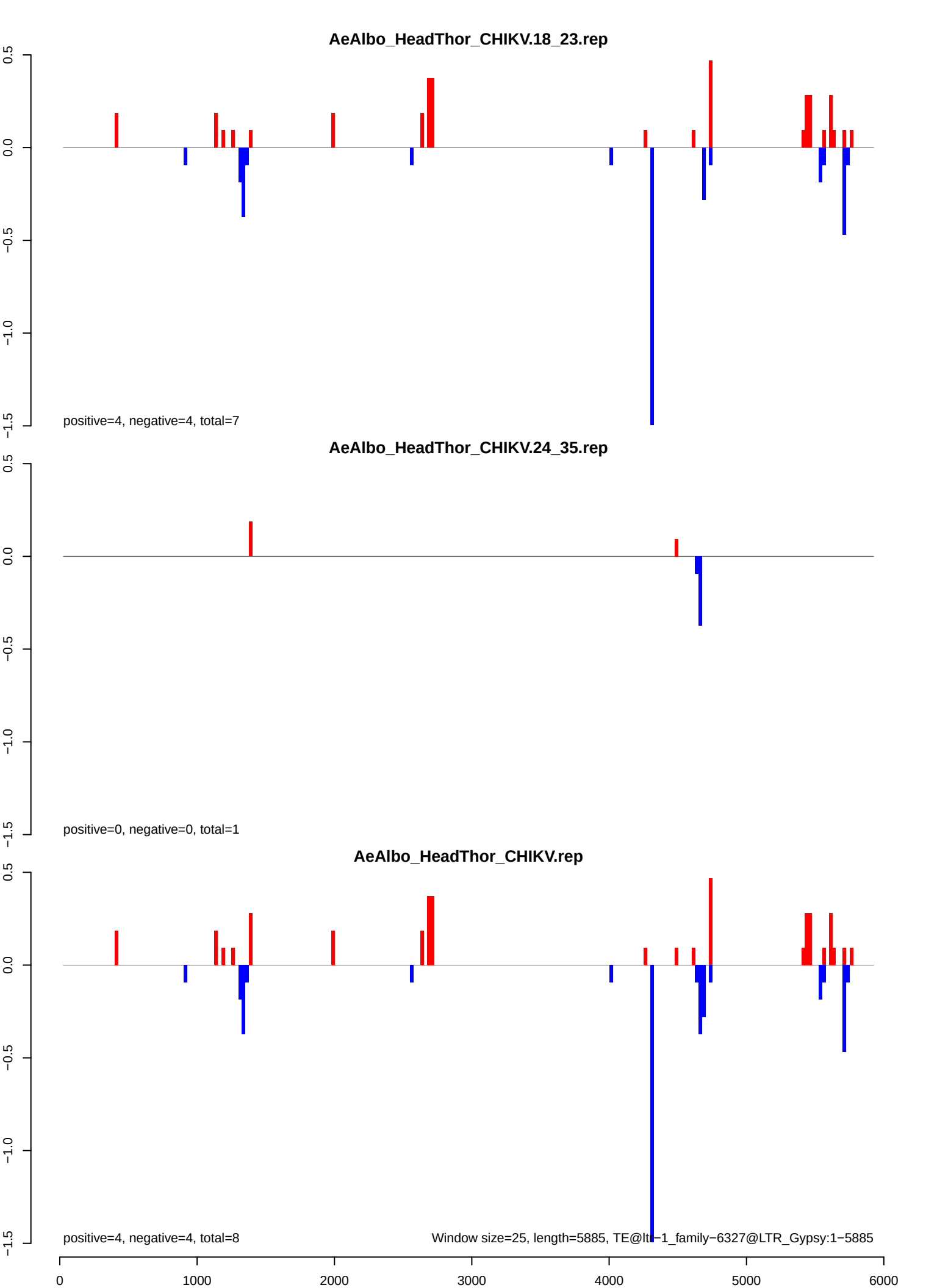

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
positive=11, negative=7, total=18
Window size=25, length=4077, TE@ltr−1_family−3157@LINE_I:1−4077
0
1000
2000
3000
4000

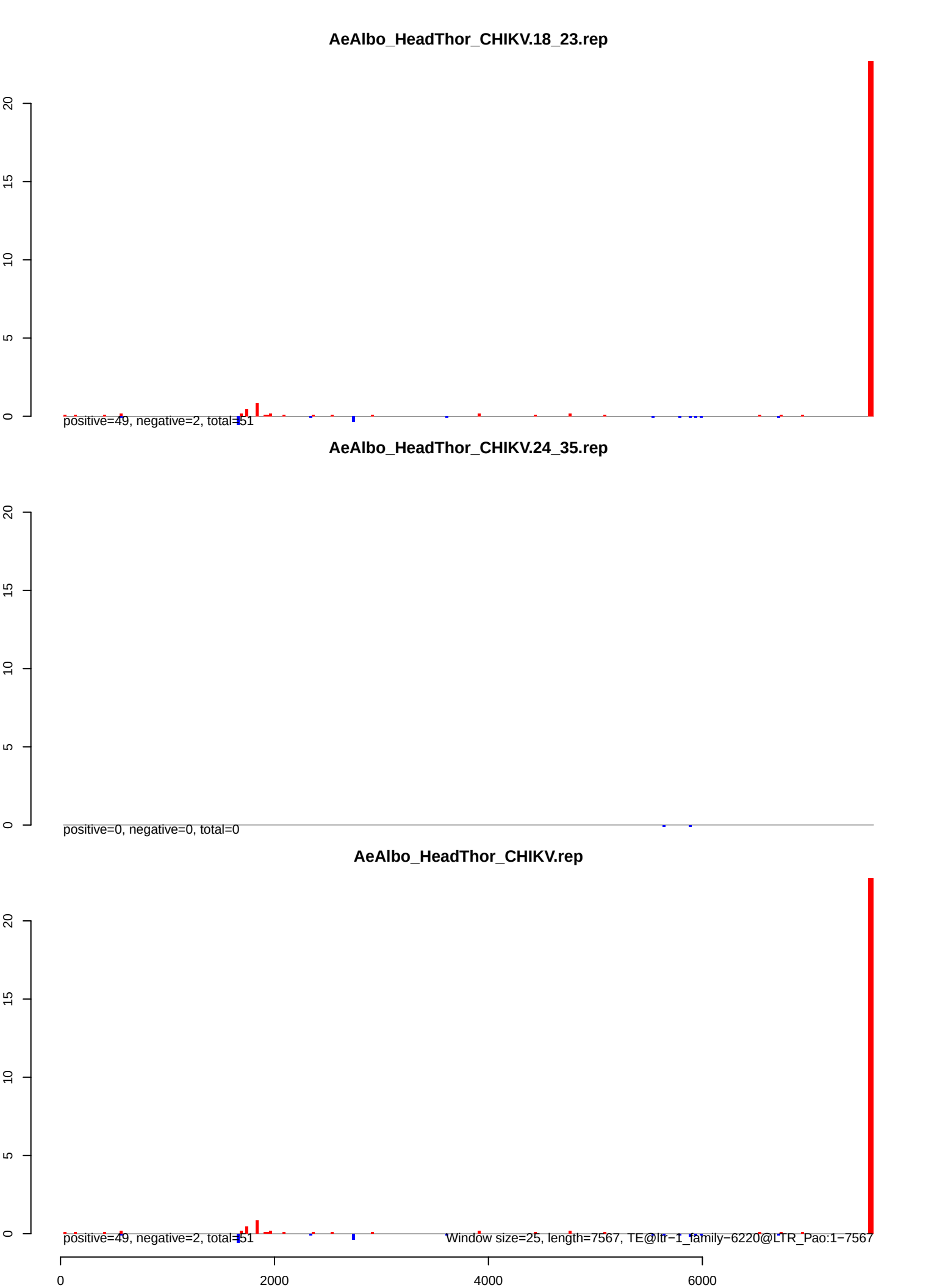

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=2, total=6
Window size=25, length=4528, TE@ltr−1_family−3146@LTR_Copia:1−4528
0
1000
2000
3000
4000

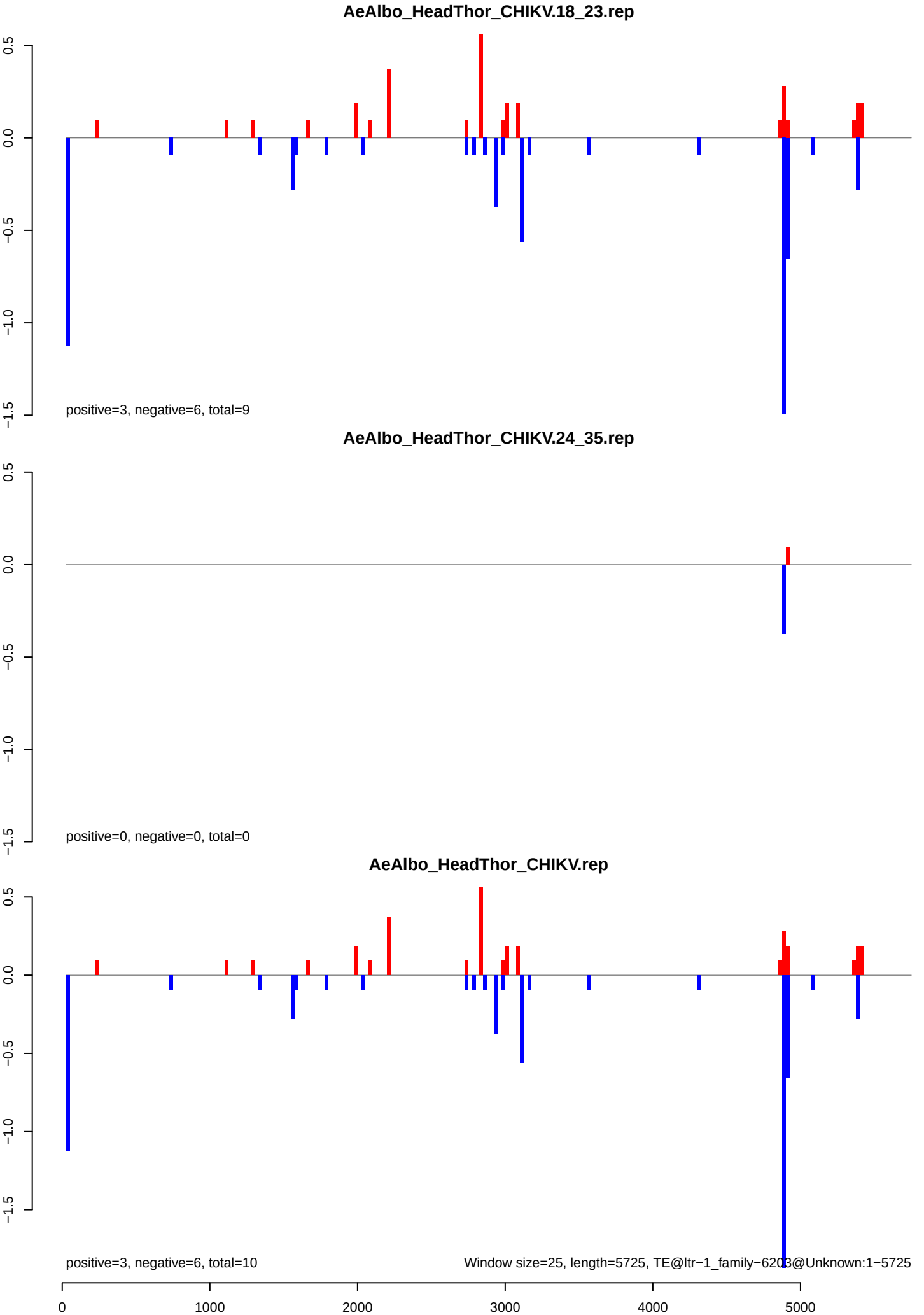

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=17, negative=58, total=76
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=17, negative=59, total=76
Window size=25, length=4080, TE@ltr−1_family−2984@LINE_I−Jockey:1−4080
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=29, negative=9, total=39
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=30, negative=9, total=39
Window size=25, length=971, TE@rnd−5_family−554@Unknown:1−971
3
2
1
0
−1
0
200
400
600
800
1000

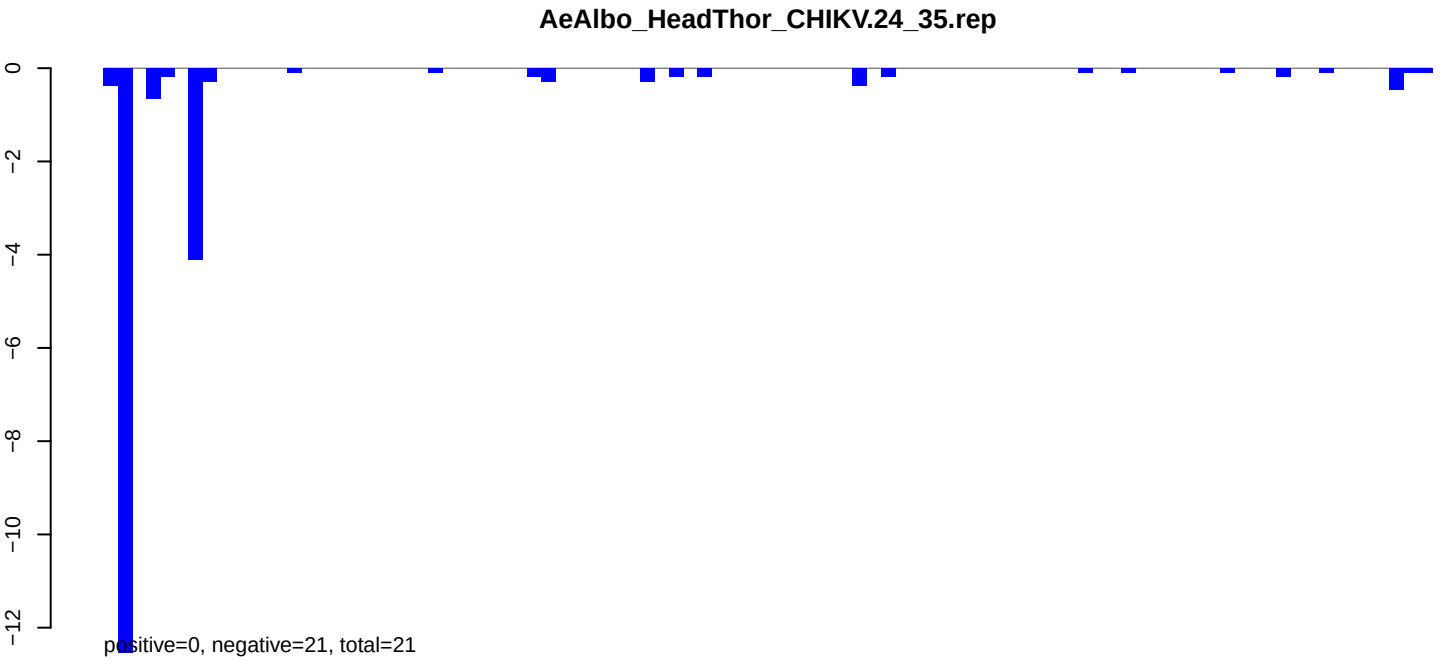

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=2427, TE@rnd−5_family−410@LINE_R1:1−2427
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
500
1000
1500
2000
2500

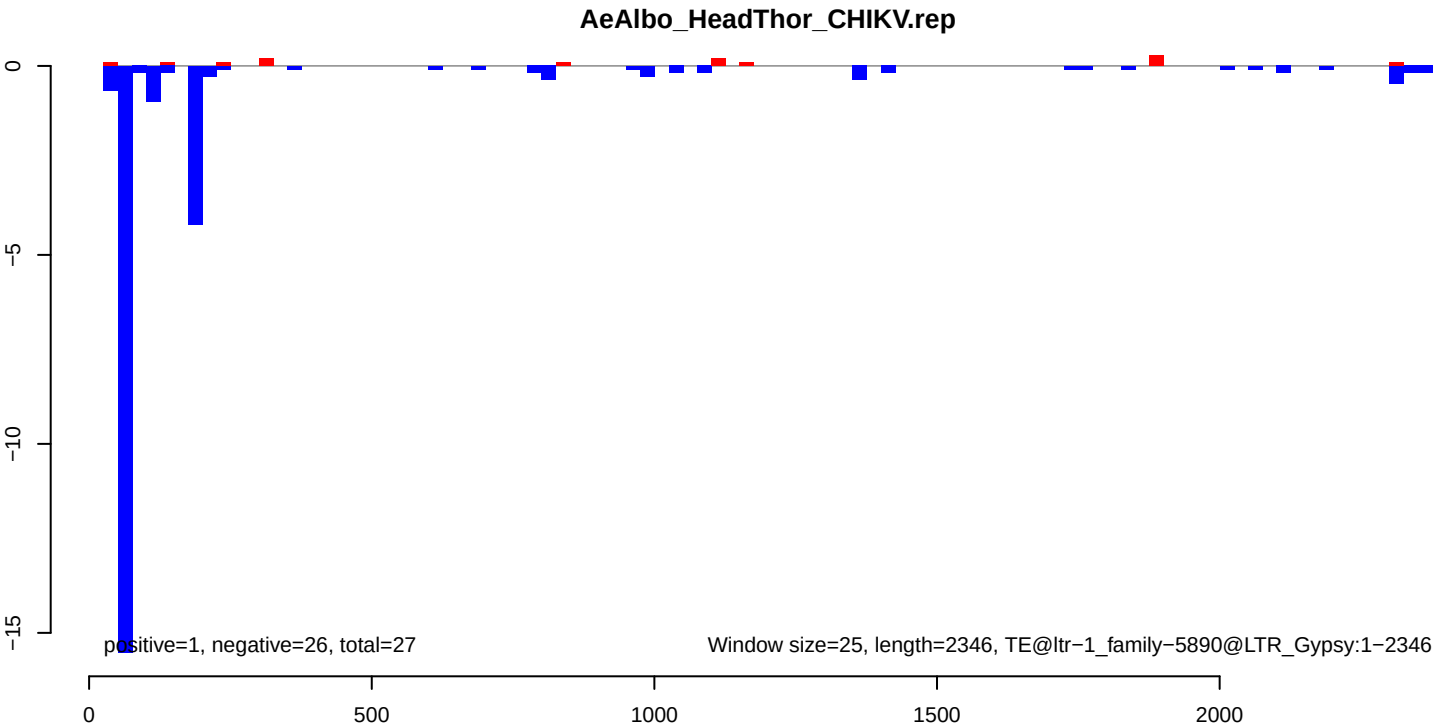

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=4, total=8
Window size=25, length=5885, TE@lt−1_family−6327@LTR_Gypsy:1−5885
0.5
0.0
−0.5
−1.0
−1.5
0
1000
2000
3000
4000
5000
6000

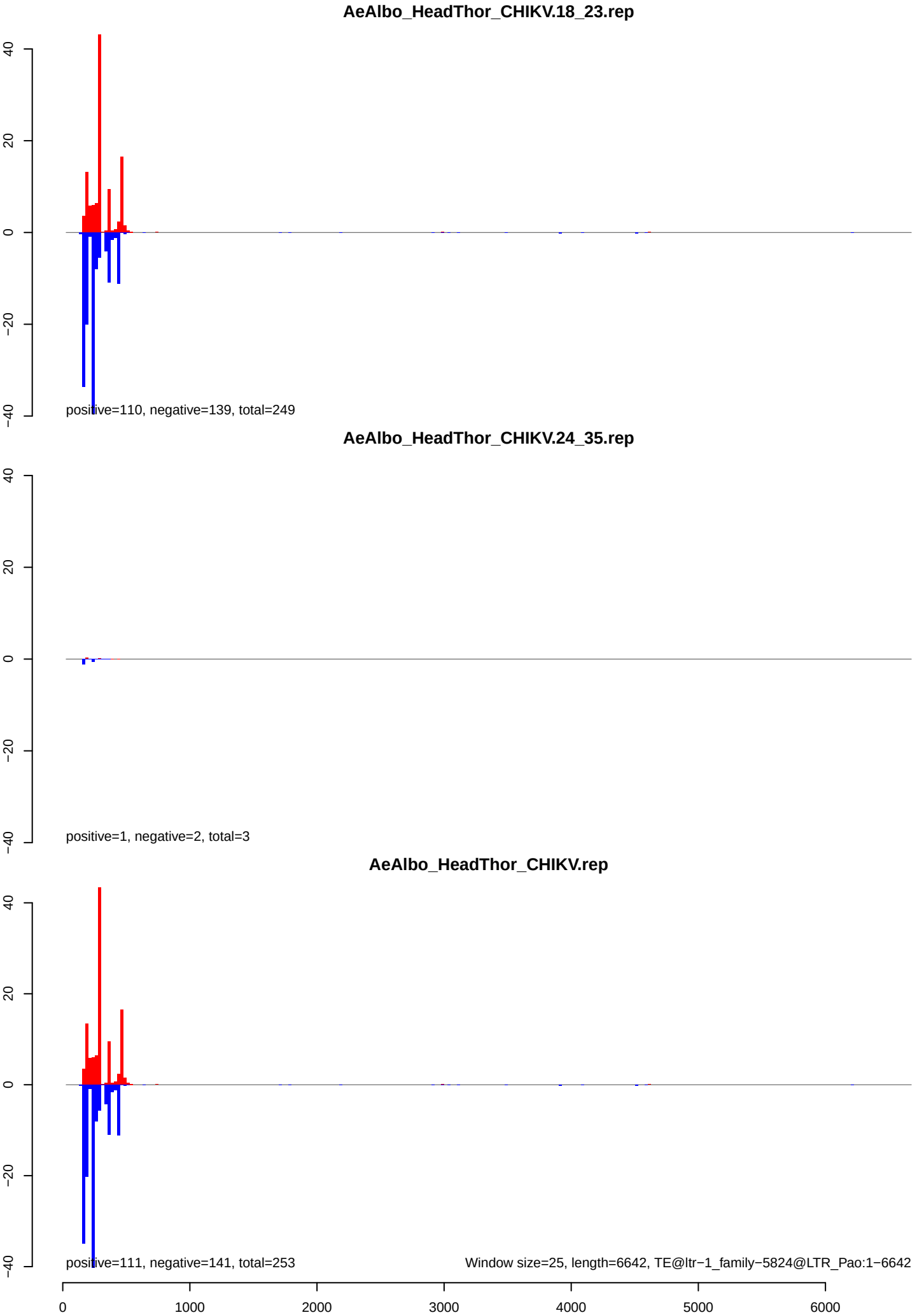

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=49, negative=2, total=51
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=49, negative=2, total=51
Window size=25, length=7567, TE@ltr−1_family−6220@LTR_Pao:1−7567
0
2000
4000
6000

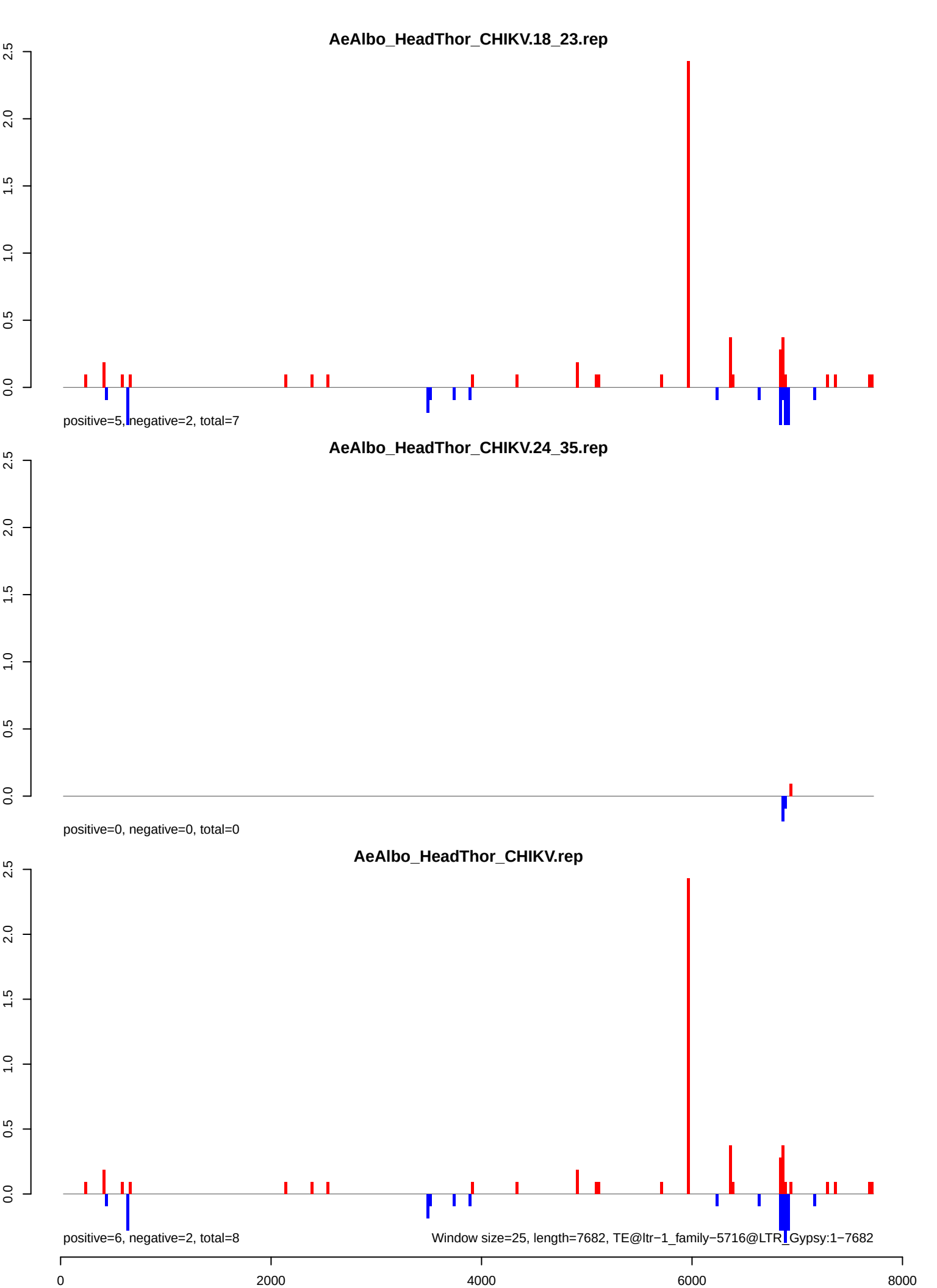

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=6, total=10
Window size=25, length=5725, TE@ltr−1_family−6203@Unknown:1−5725
0
1000
2000
3000
4000
5000

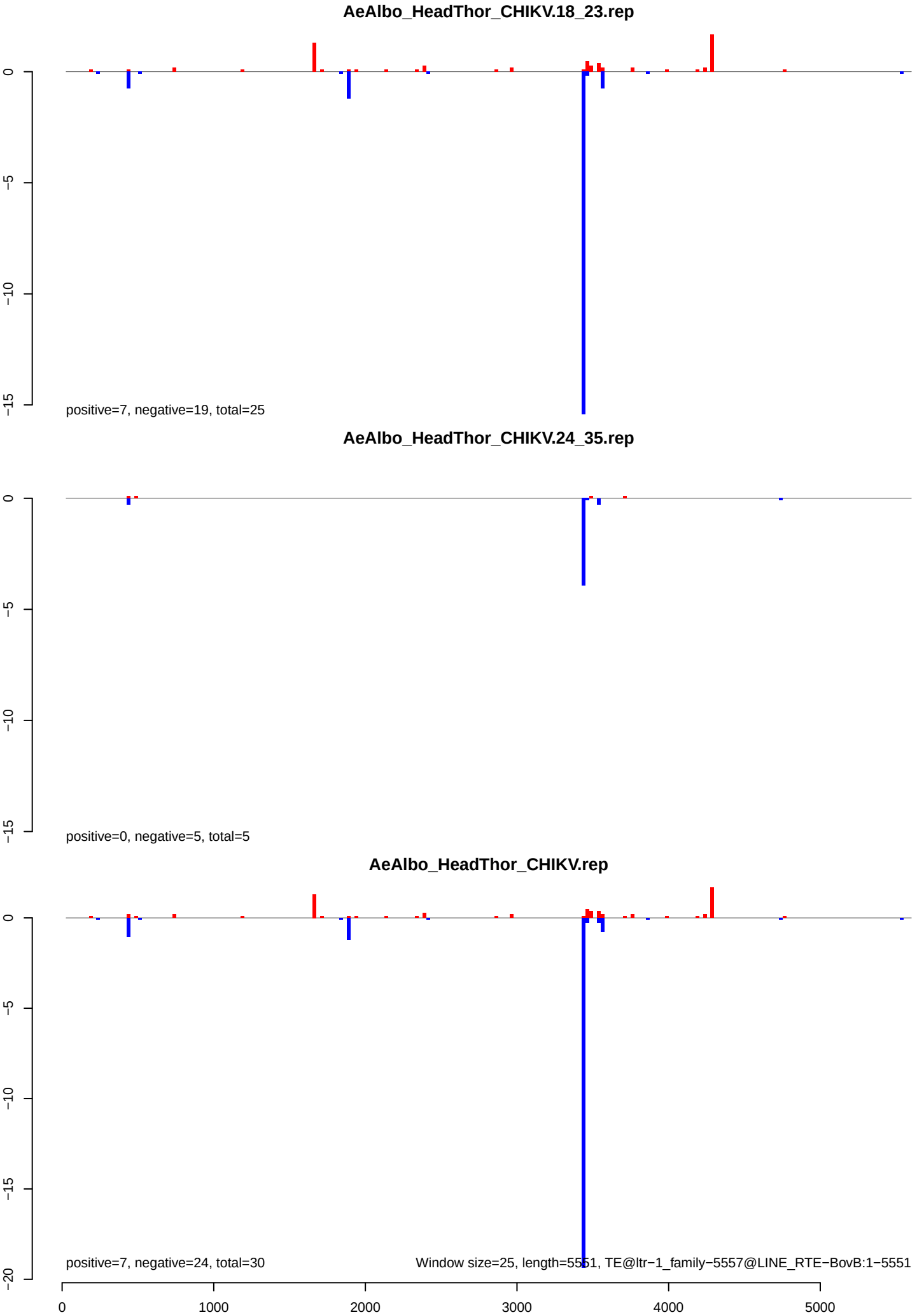
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=5, total=6

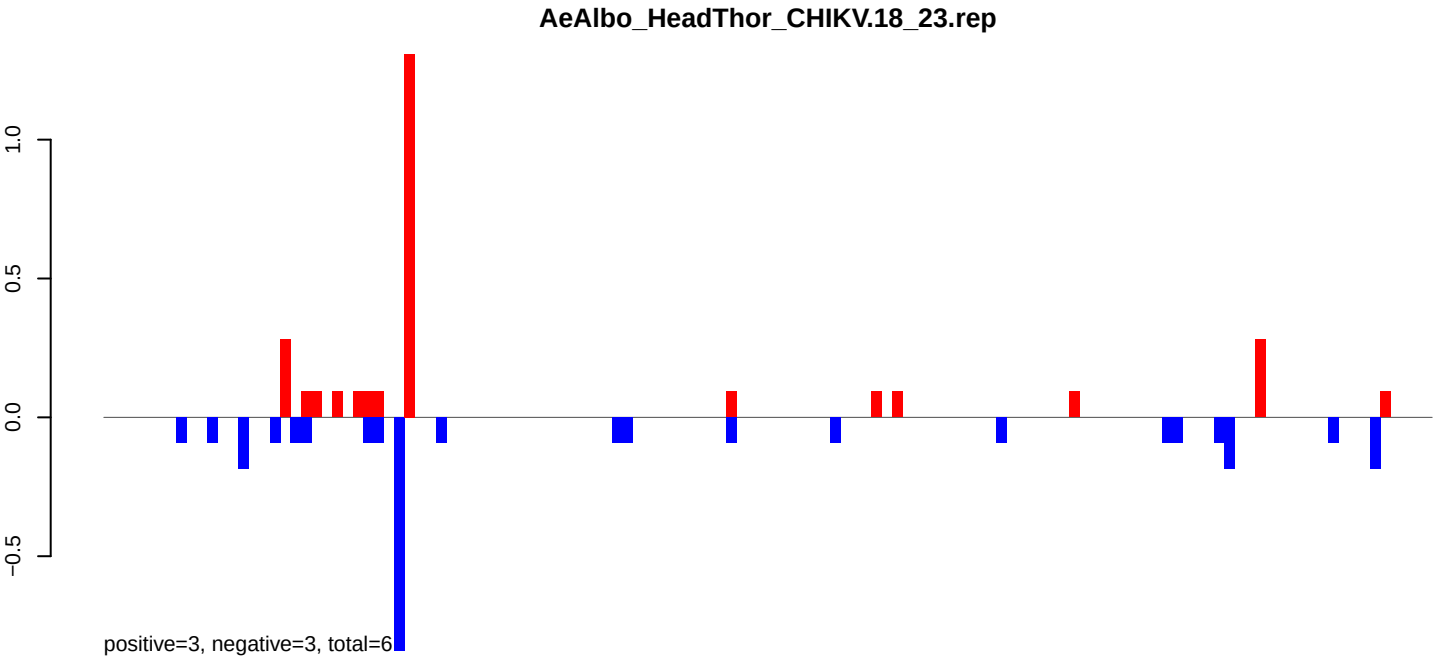

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=21, total=21

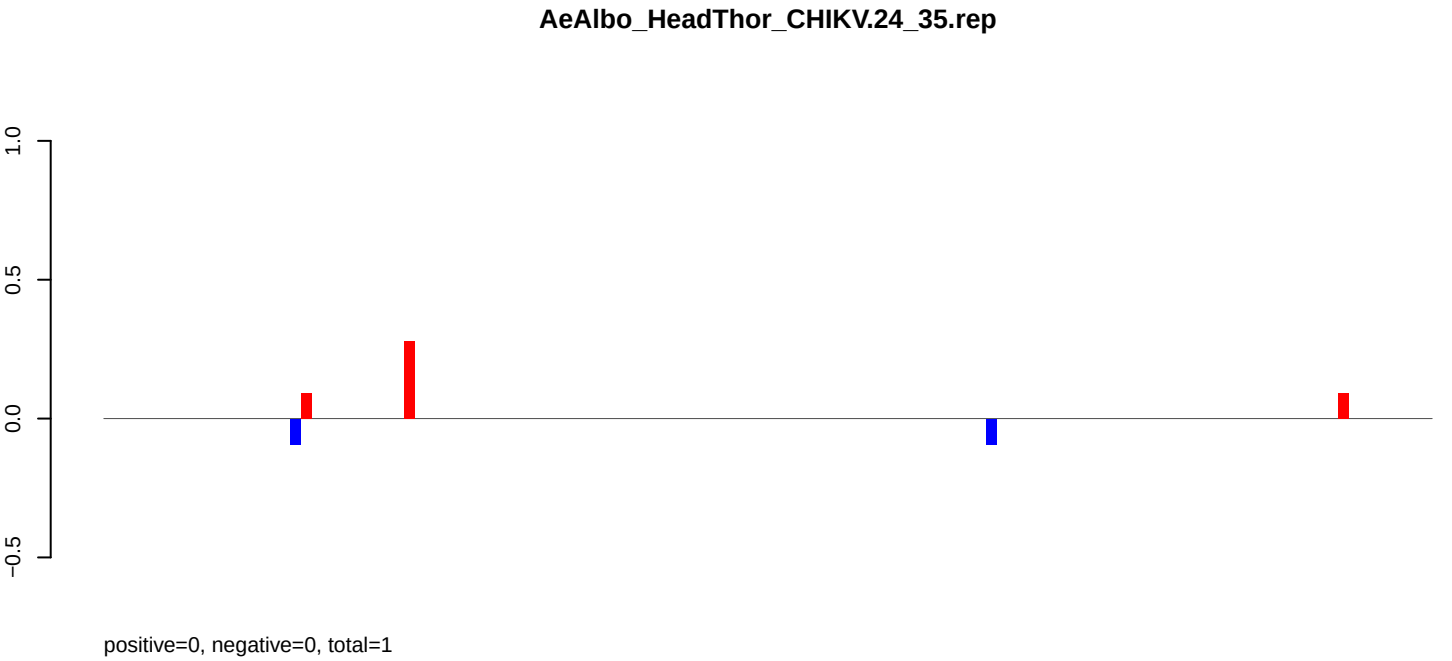

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=26, total=27
Window size=25, length=2346, TE@ltr−1_family−5890@LTR_Gypsy:1−2346
0
500
1000
1500
2000

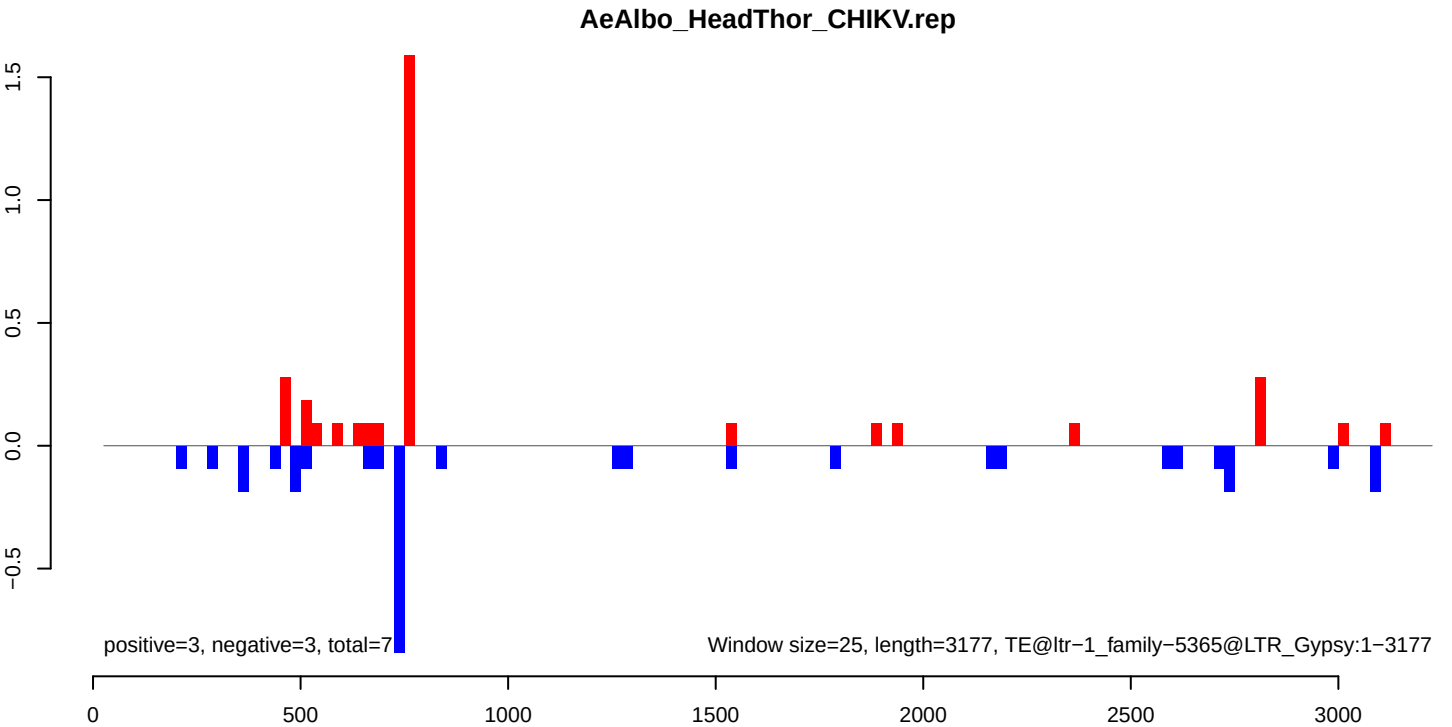

AeAlbo_HeadThor_CHIKV.18_23.rep
40
20
0
−20
−40
positive=110, negative=139, total=249
AeAlbo_HeadThor_CHIKV.24_35.rep
40
20
0
−20
−40
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
40
20
0
−20
−40
positive=111, negative=141, total=253
Window size=25, length=6642, TE@ltr−1_family−5824@LTR_Pao:1−6642
0
1000
2000
3000
4000
5000
6000

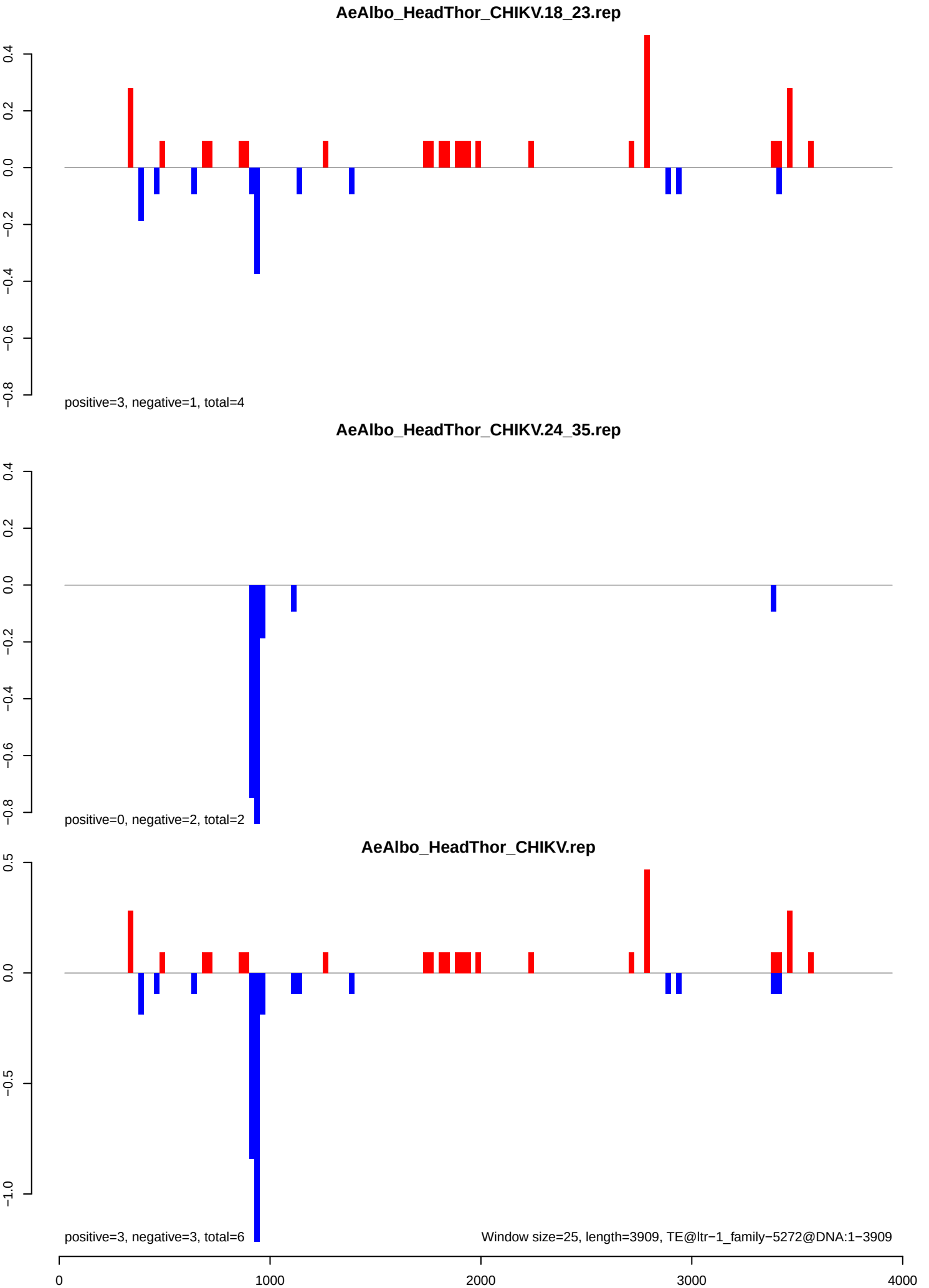

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=2, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=2, total=8
Window size=25, length=7682, TE@ltr−1_family−5716@LTR_Gypsy:1−7682
0.0
0.5
1.0
1.5
2.0
2.5
0
2000
4000
6000
8000

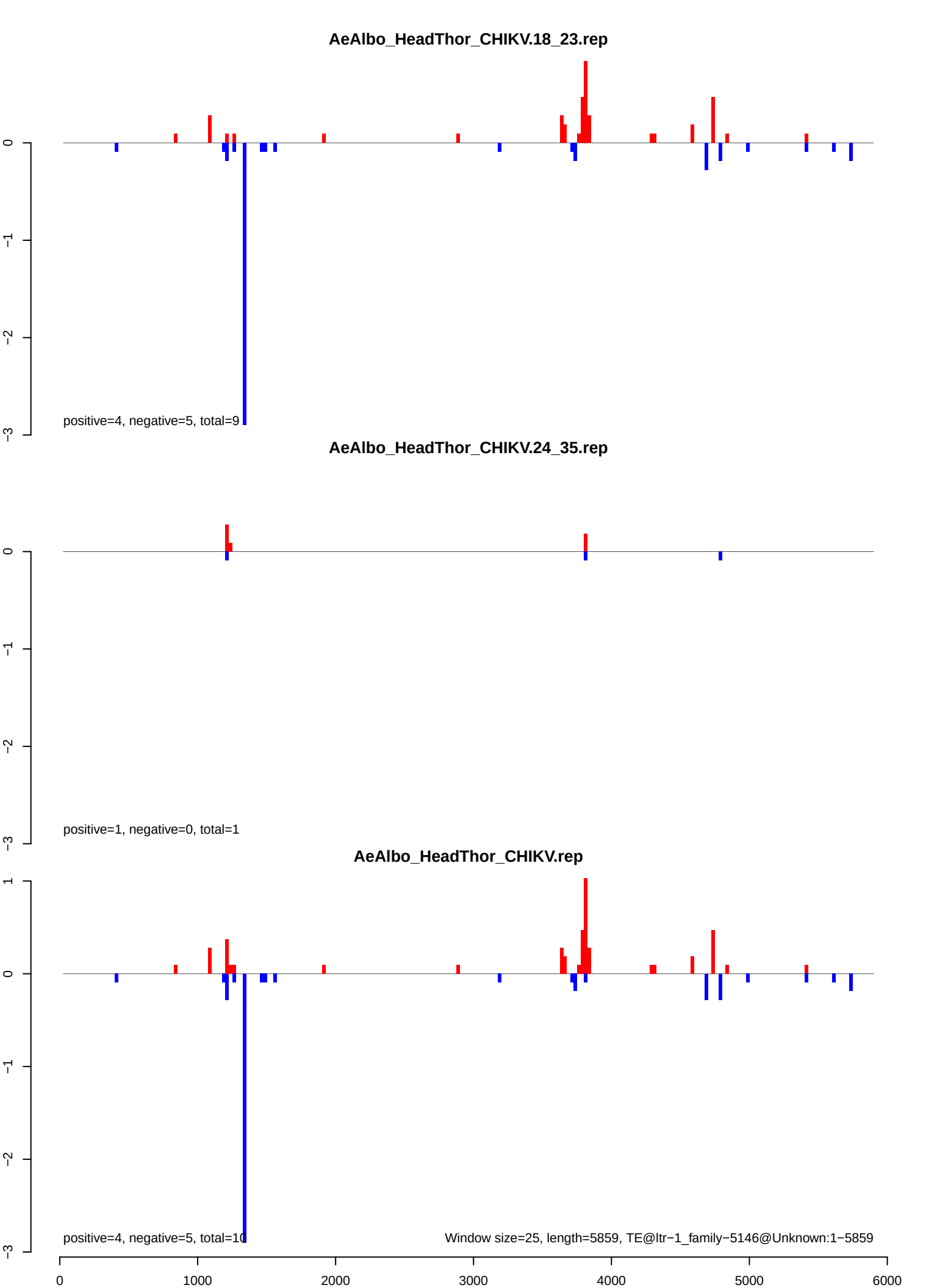

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=7, negative=19, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=7, negative=24, total=30
Window size=25, length=5551, TE@ltr−1_family−5557@LINE_RTE−BovB:1−5551
0
1000
2000
3000
4000
5000

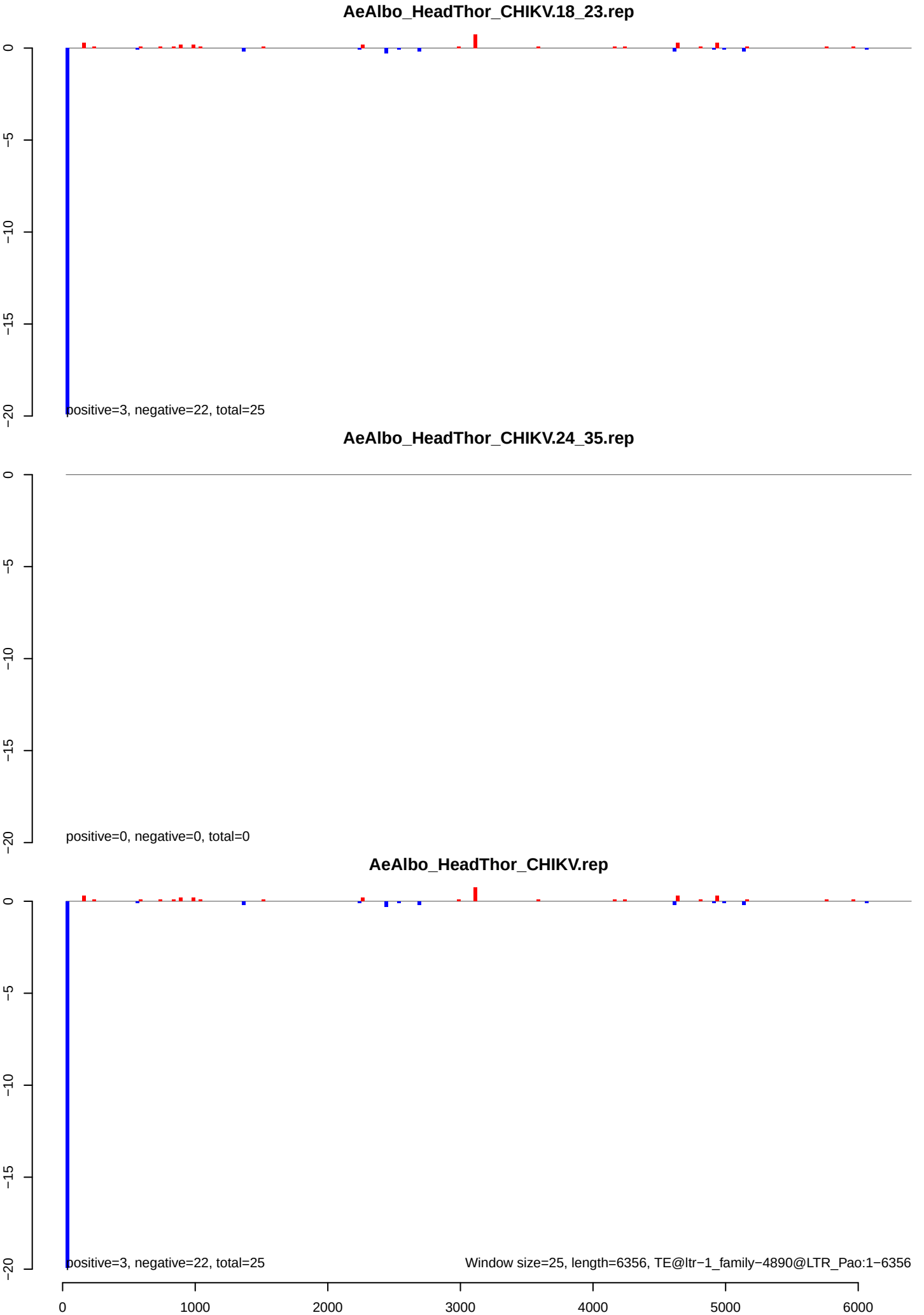

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=3, negative=3, total=6

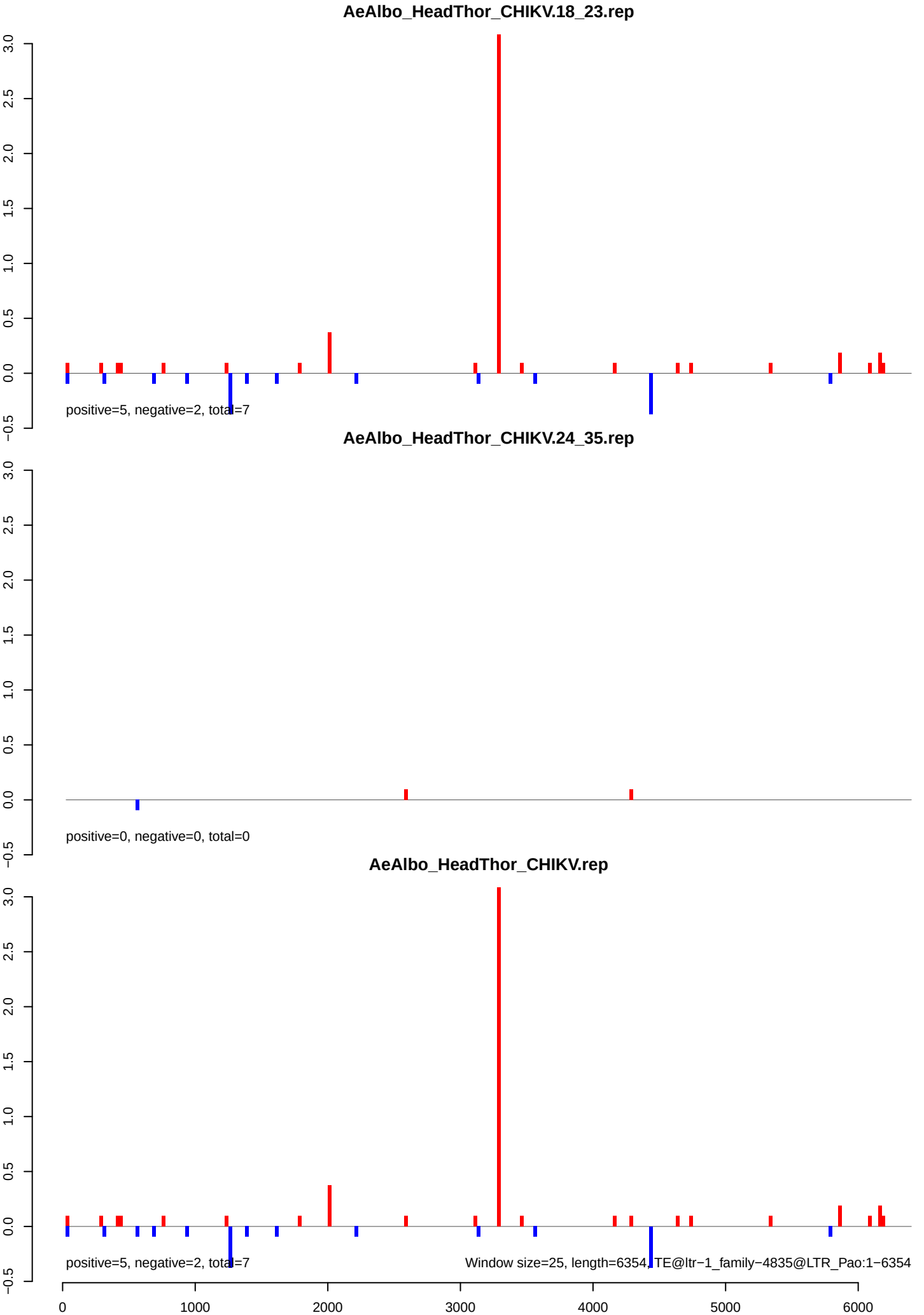

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=1

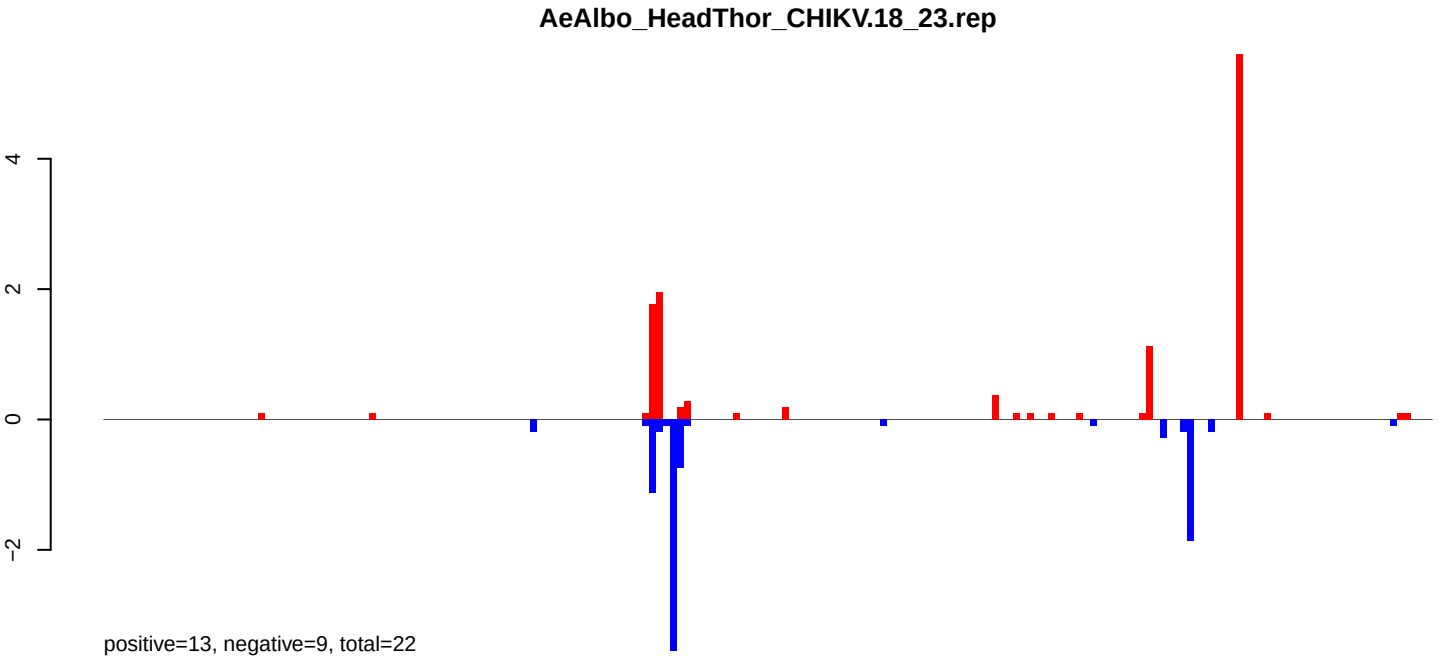

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=3, total=7
Window size=25, length=3177, TE@ltr−1_family−5365@LTR_Gypsy:1−3177
0
500
1000
1500
2000
2500
3000

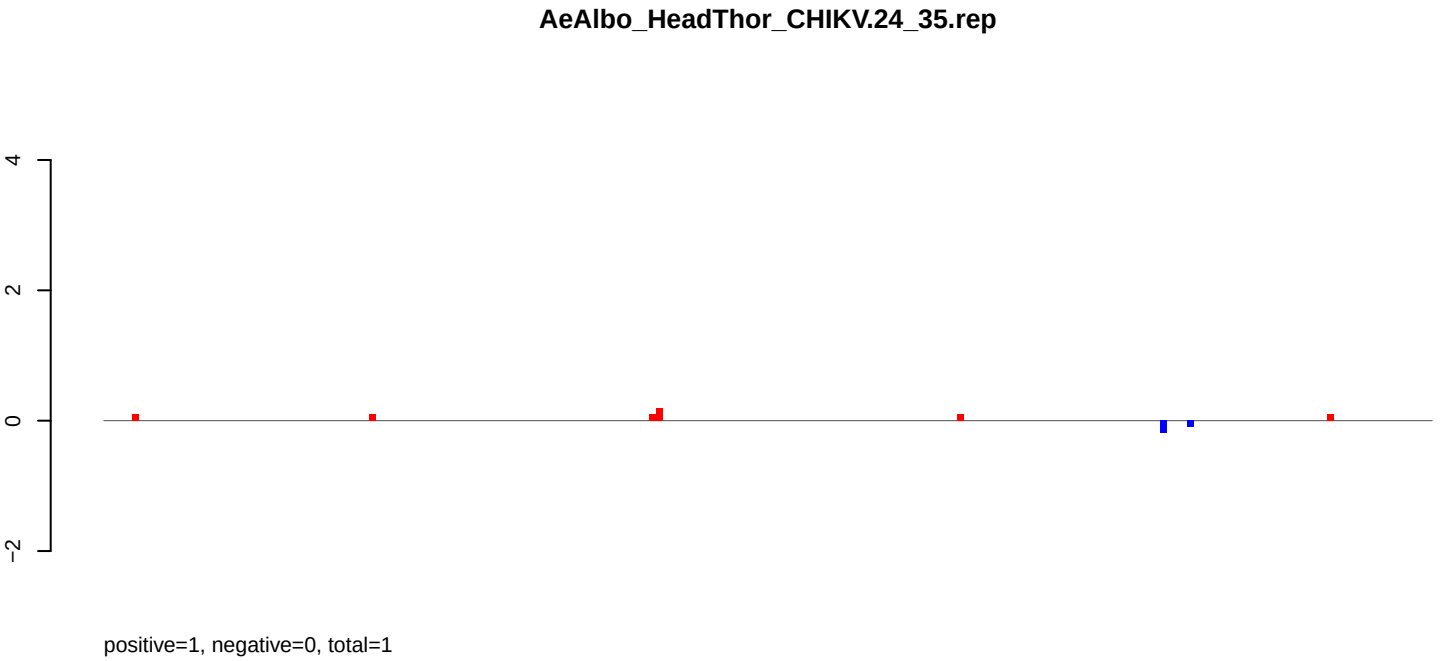

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
Window size=25, length=3909, TE@ltr−1_family−5272@DNA:1−3909
0
1000
2000
3000
4000

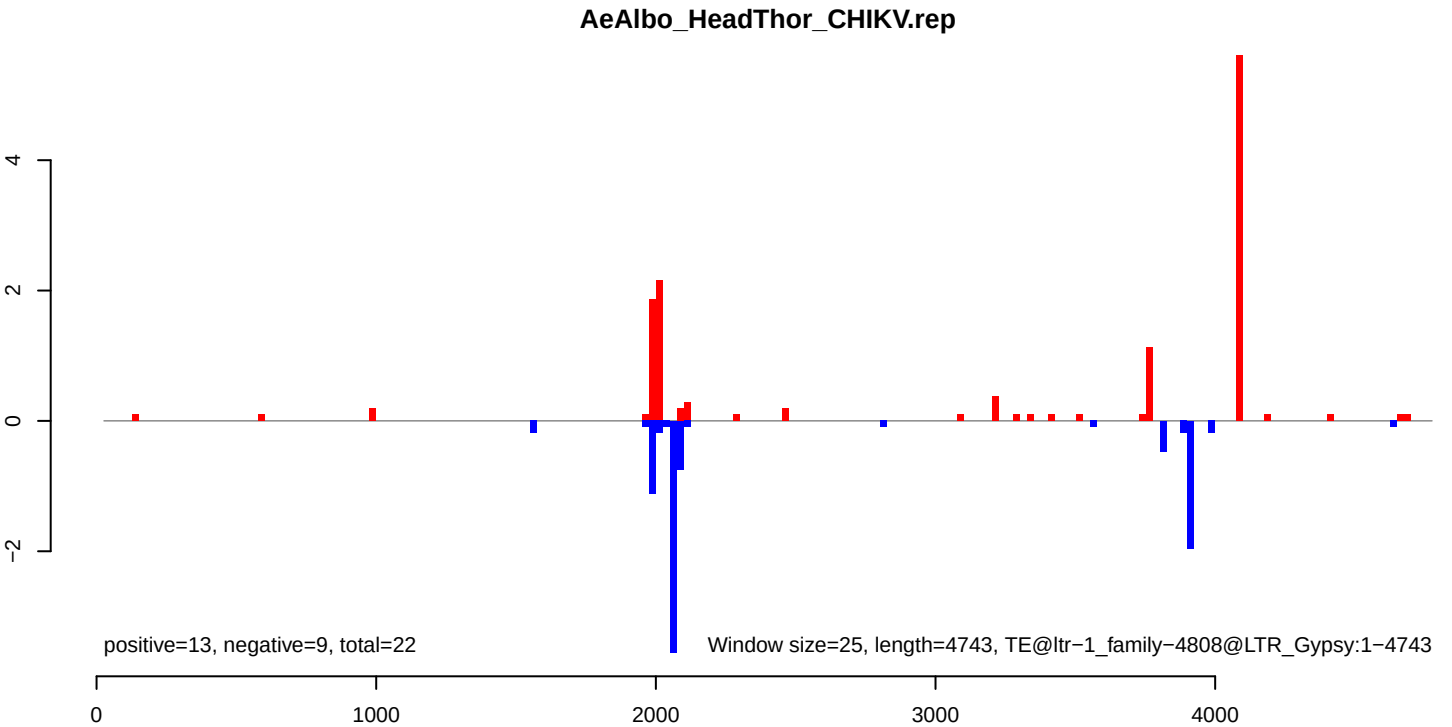

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=5, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=5, total=10
Window size=25, length=5859, TE@ltr−1_family−5146@Unknown:1−5859
0
1000
2000
3000
4000
5000
6000

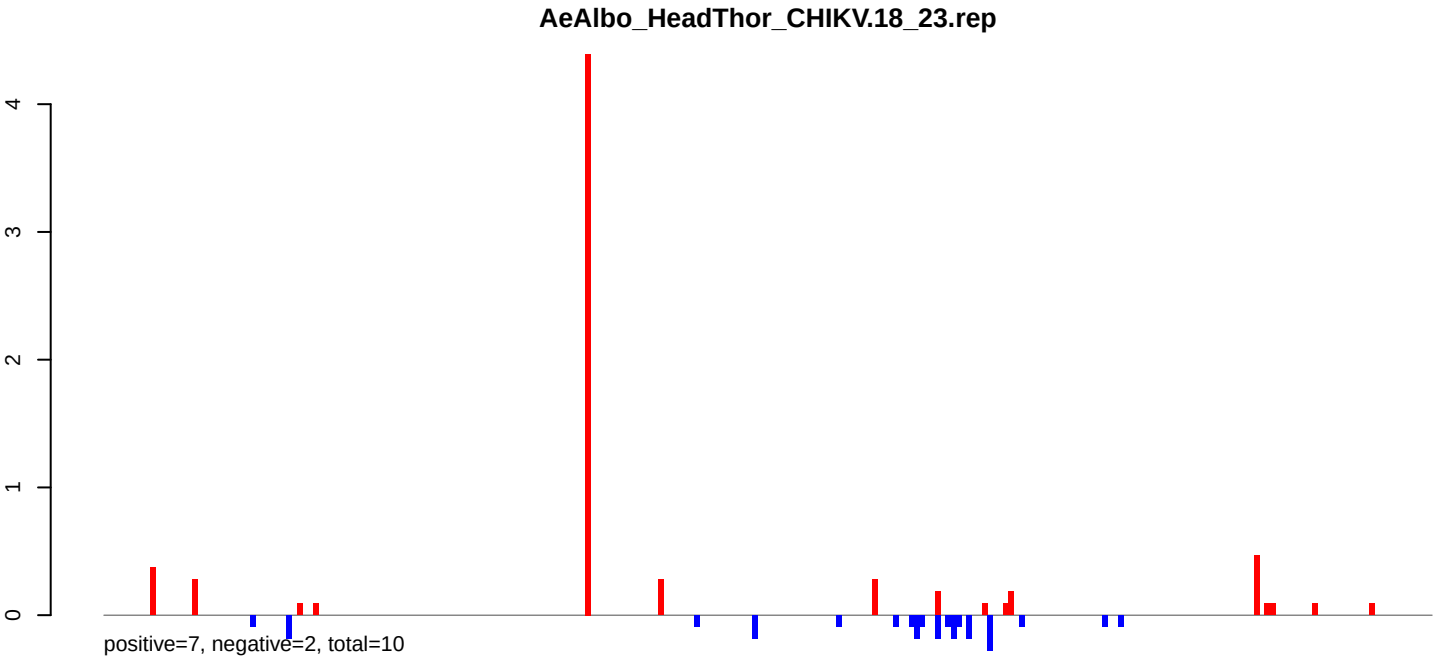

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=22, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=22, total=25
Window size=25, length=6356, TE@ltr−1_family−4890@LTR_Pao:1−6356
0
1000
2000
3000
4000
5000
6000

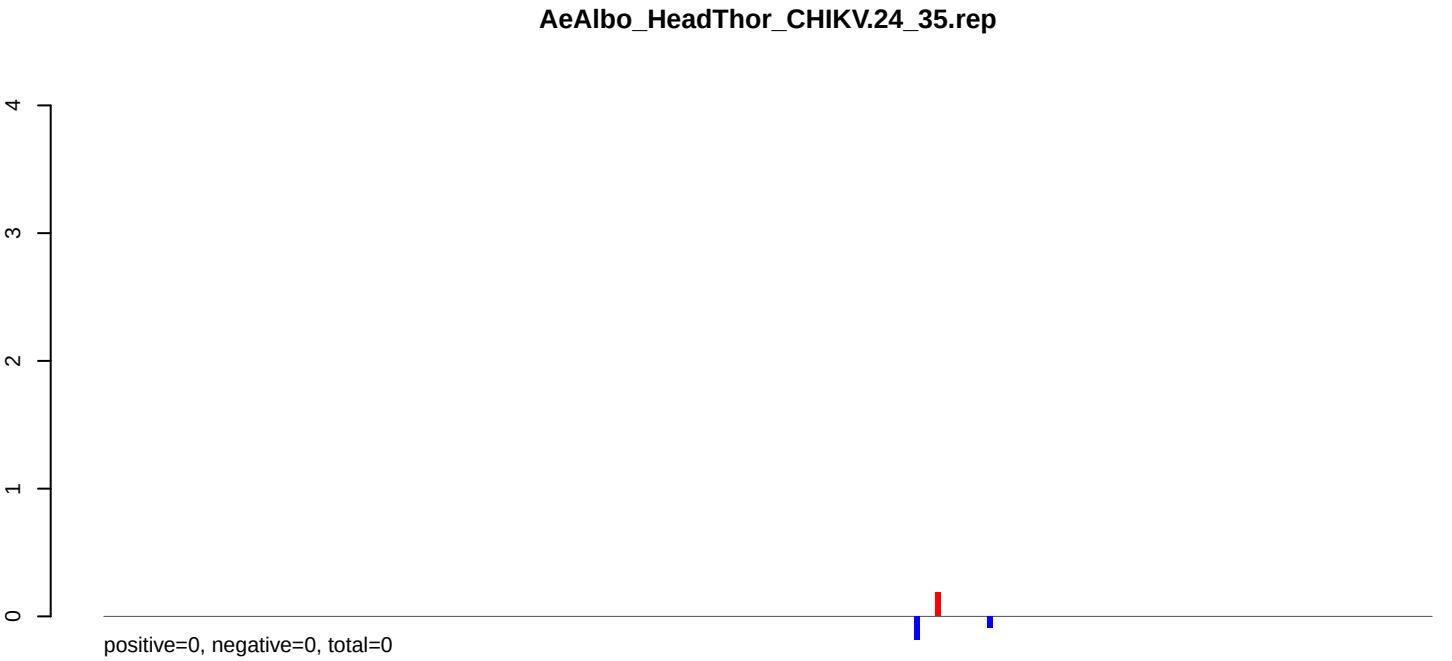

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=2, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=2, total=7
Window size=25, length=6354, TE@ltr−1_family−4835@LTR_Pao:1−6354
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000
5000
6000

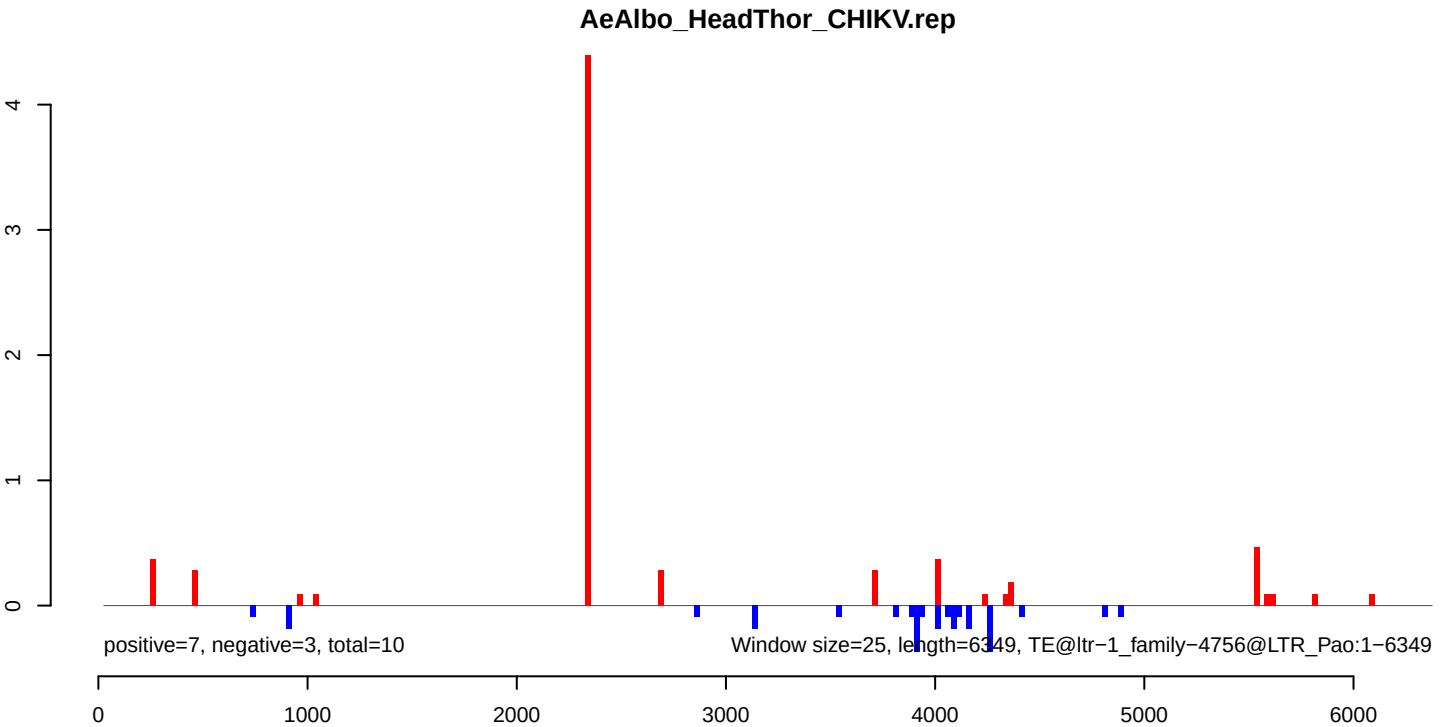

AeAlbo_HeadThor_CHIKV.18_23.rep
4
2
0
−2
positive=13, negative=9, total=22

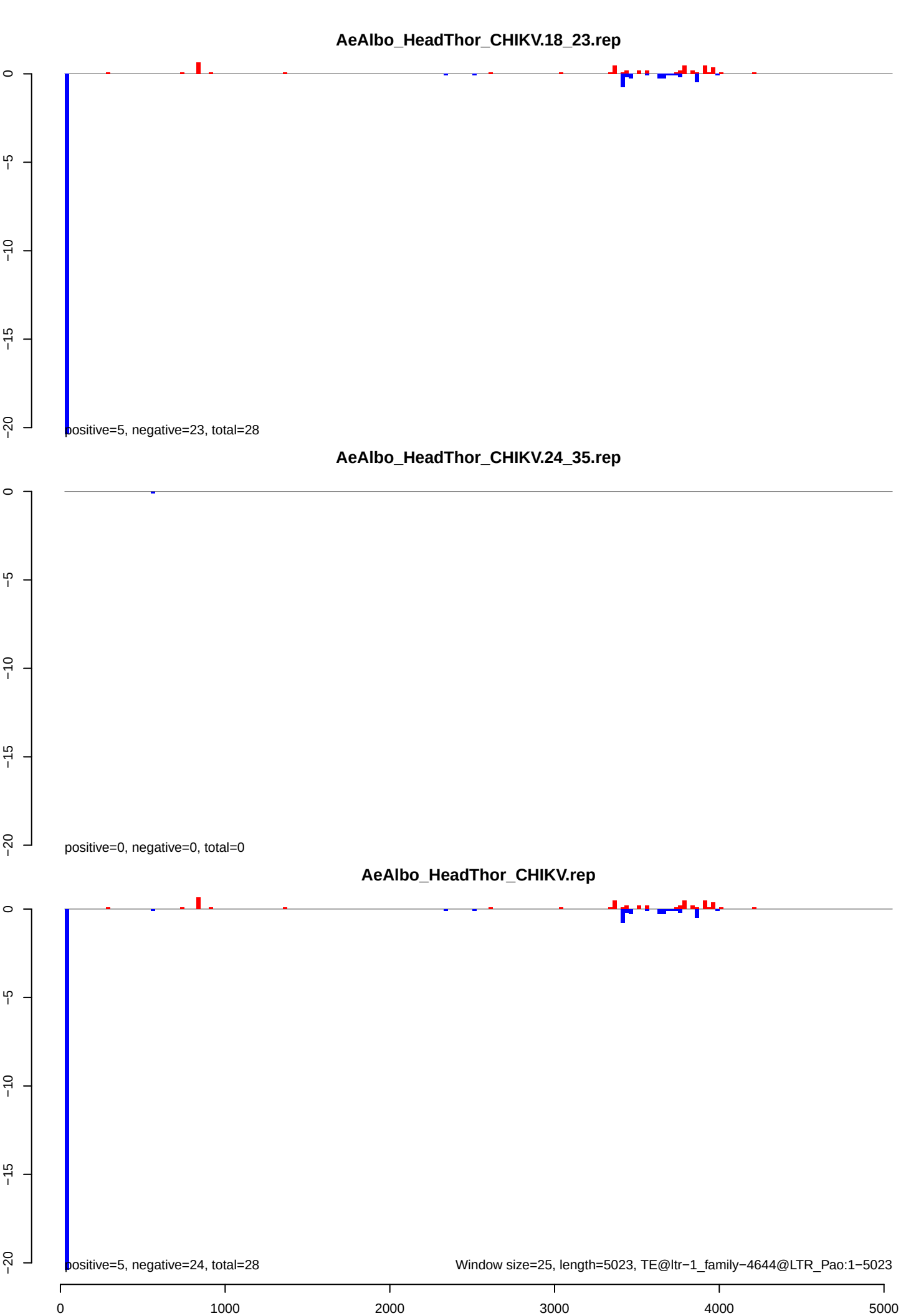

AeAlbo_HeadThor_CHIKV.24_35.rep
4
2
0
−2
positive=1, negative=0, total=1

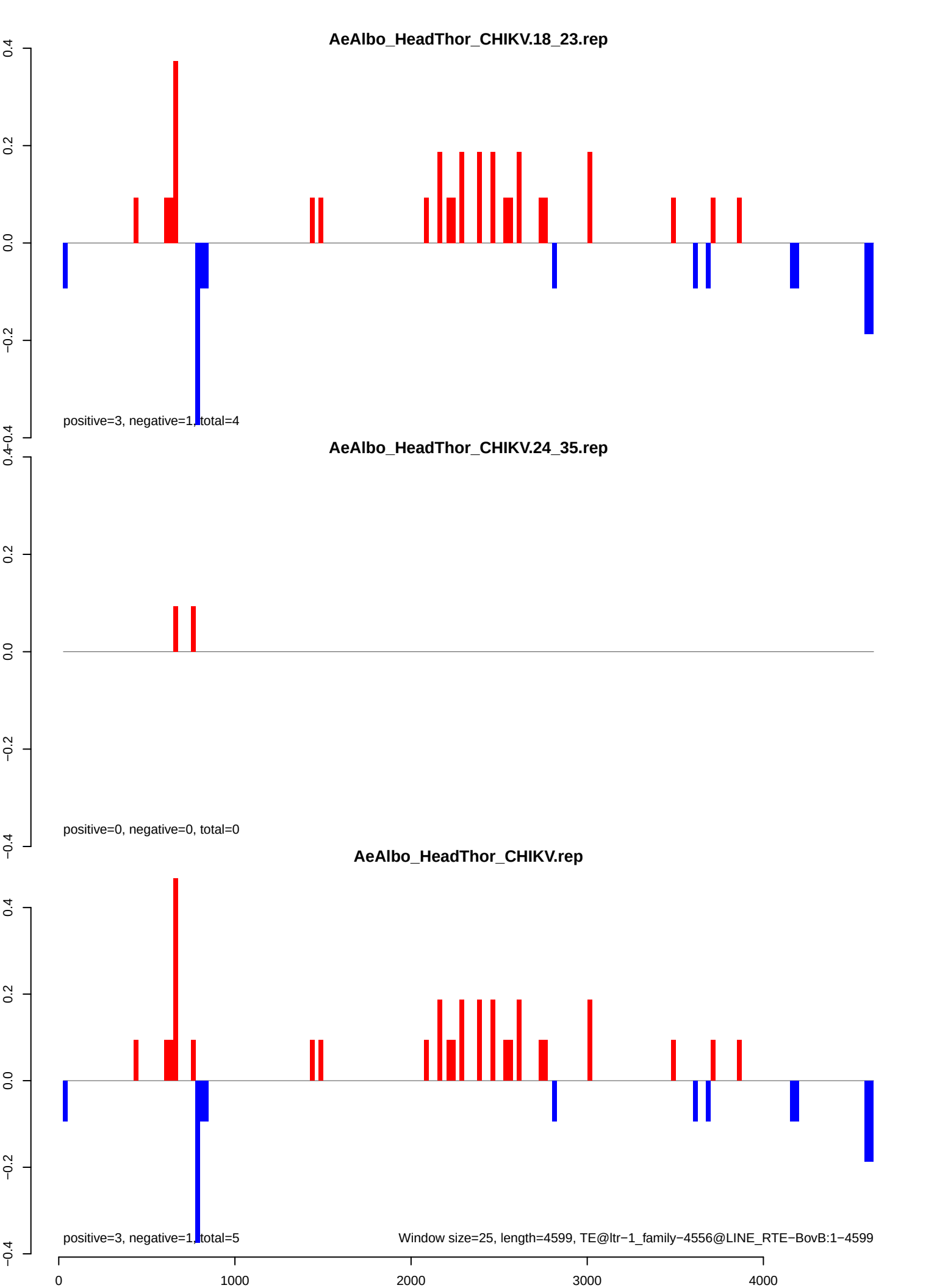

AeAlbo_HeadThor_CHIKV.rep
4
2
0
−2
positive=13, negative=9, total=22
Window size=25, length=4743, TE@ltr−1_family−4808@LTR_Gypsy:1−4743
0
1000
2000
3000
4000

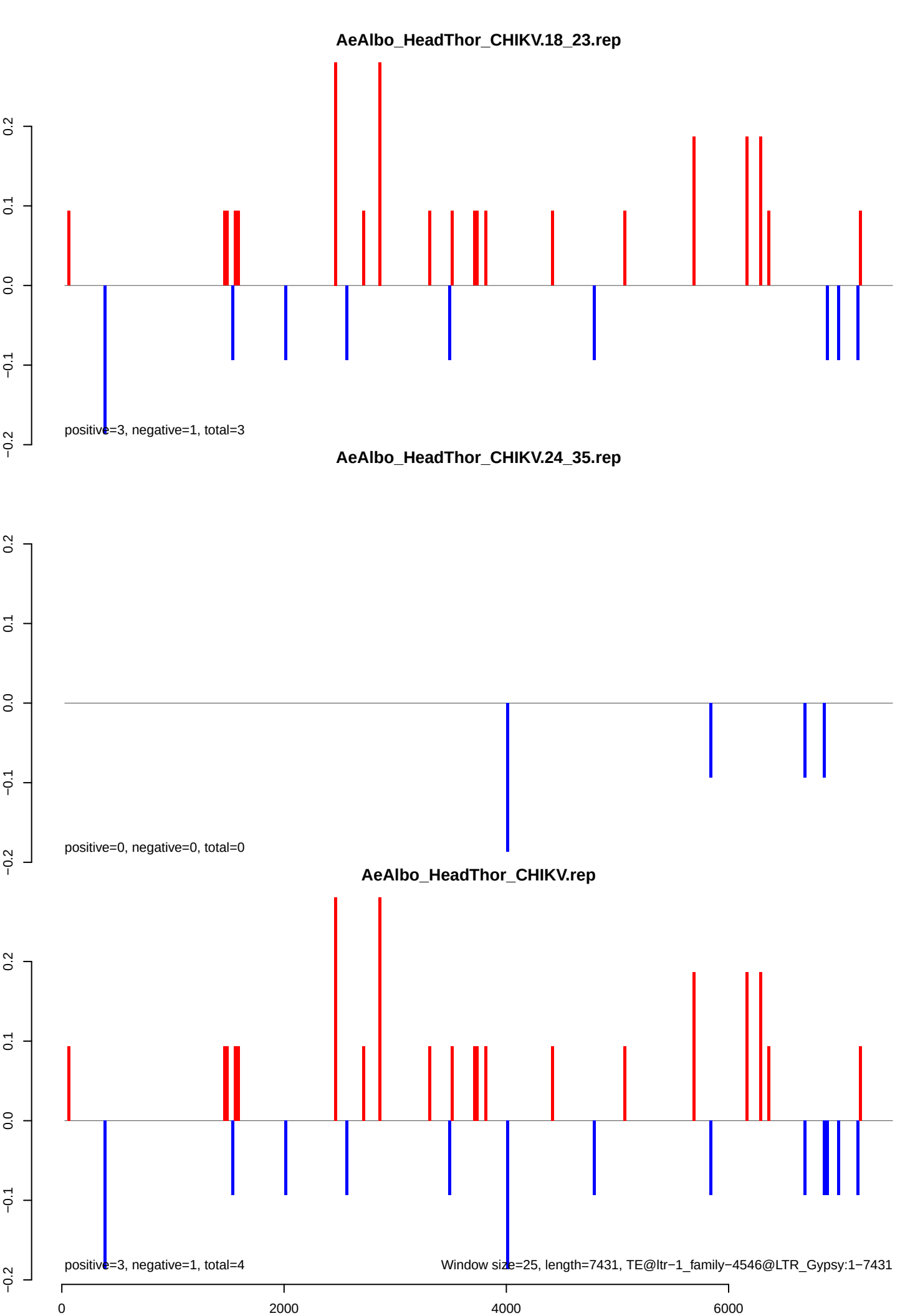

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=7, negative=2, total=10

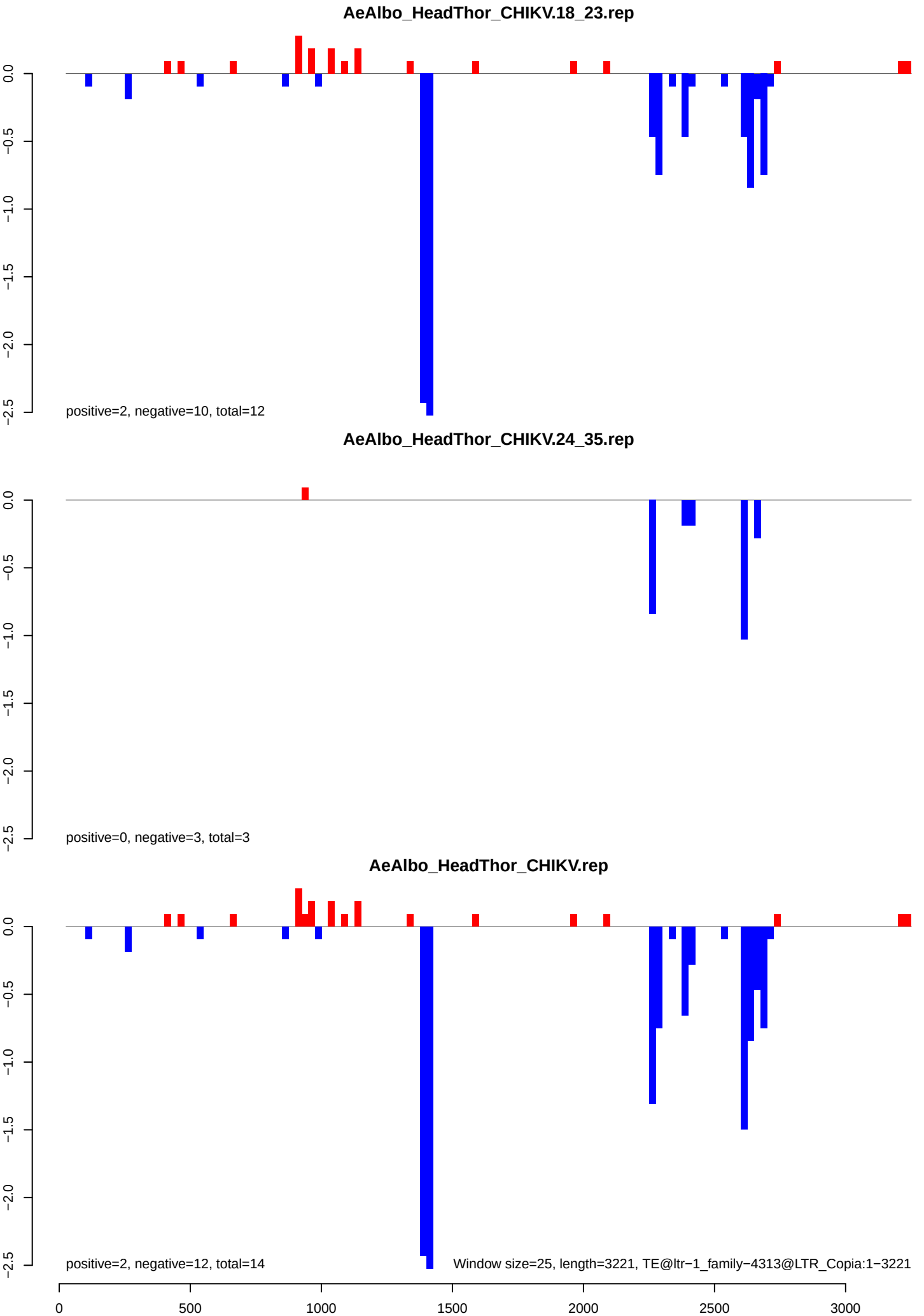

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0

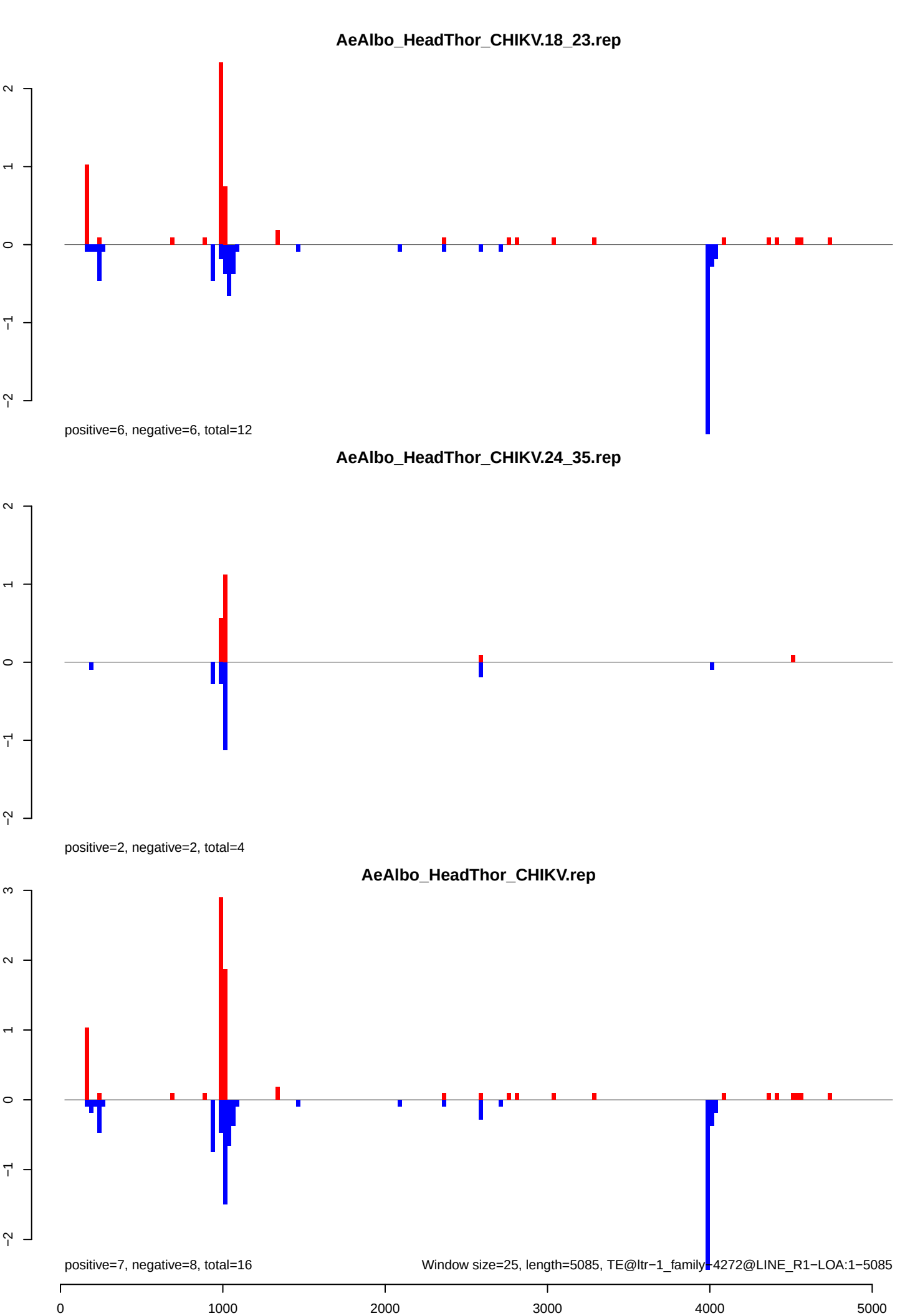

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=7, negative=3, total=10
Window size=25, length=6349, TE@ltr−1_family−4756@LTR_Pao:1−6349
0
1000
2000
3000
4000
5000
6000

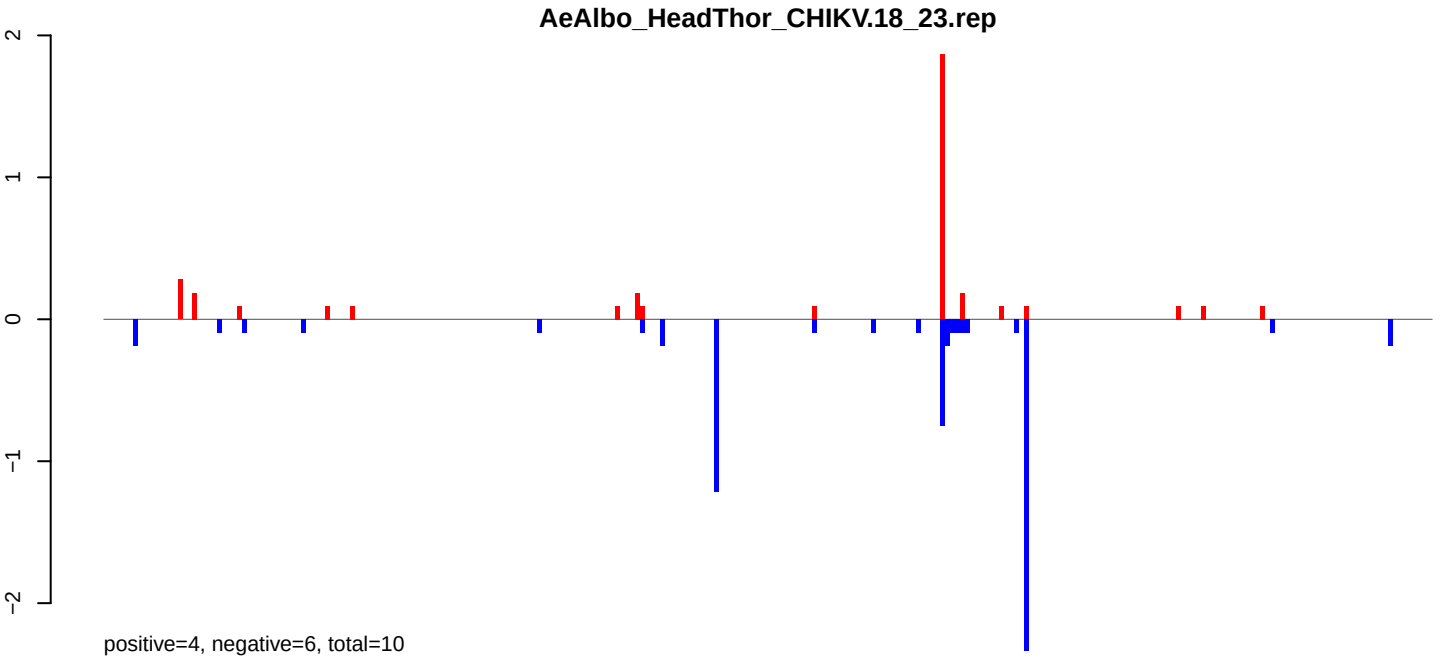

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=5, negative=23, total=28
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=5, negative=24, total=28
Window size=25, length=5023, TE@ltr−1_family−4644@LTR_Pao:1−5023
0
1000
2000
3000
4000
5000

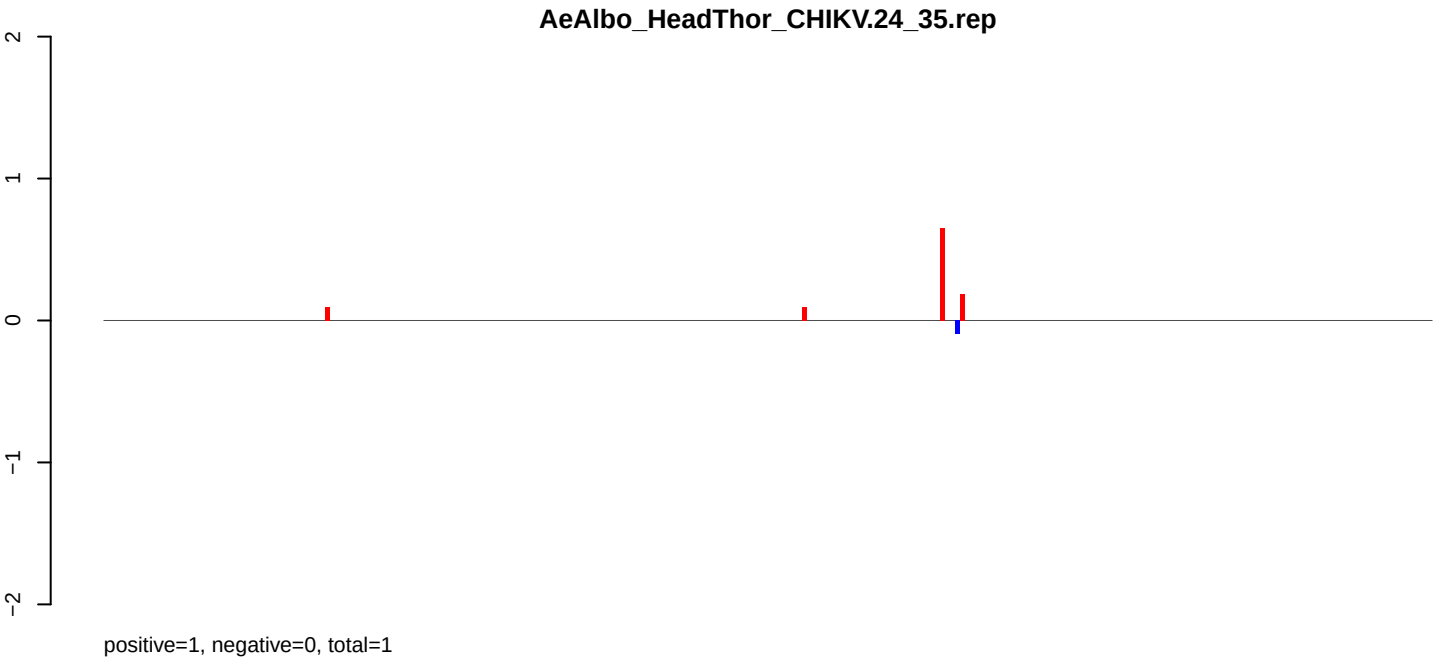

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=5
Window size=25, length=4599, TE@ltr−1_family−4556@LINE_RTE−BovB:1−4599
0.4
0.2
0.0
−0.2
−0.4
0
1000
2000
3000
4000

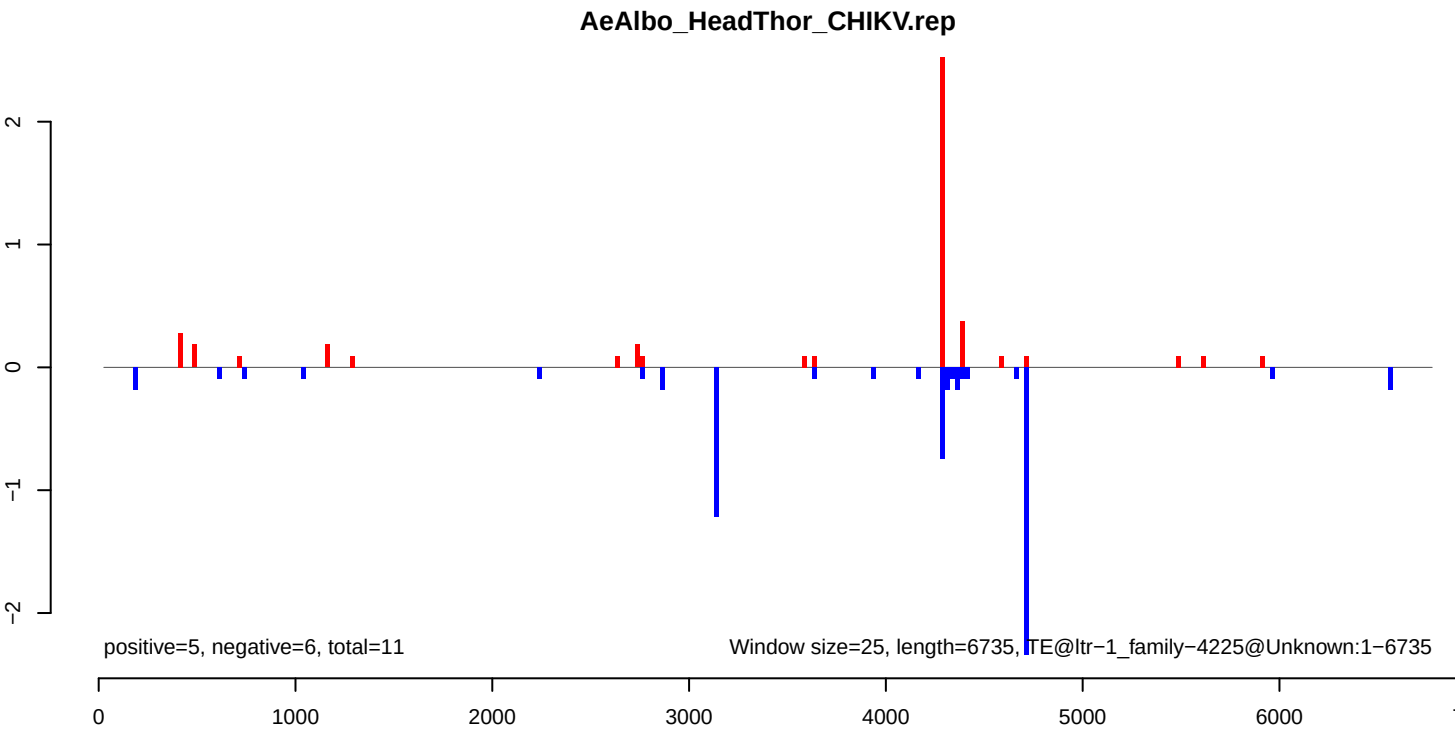

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=3, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=3, negative=1, total=4
Window size=25, length=7431, TE@ltr−1_family−4546@LTR_Gypsy:1−7431
0
2000
4000
6000

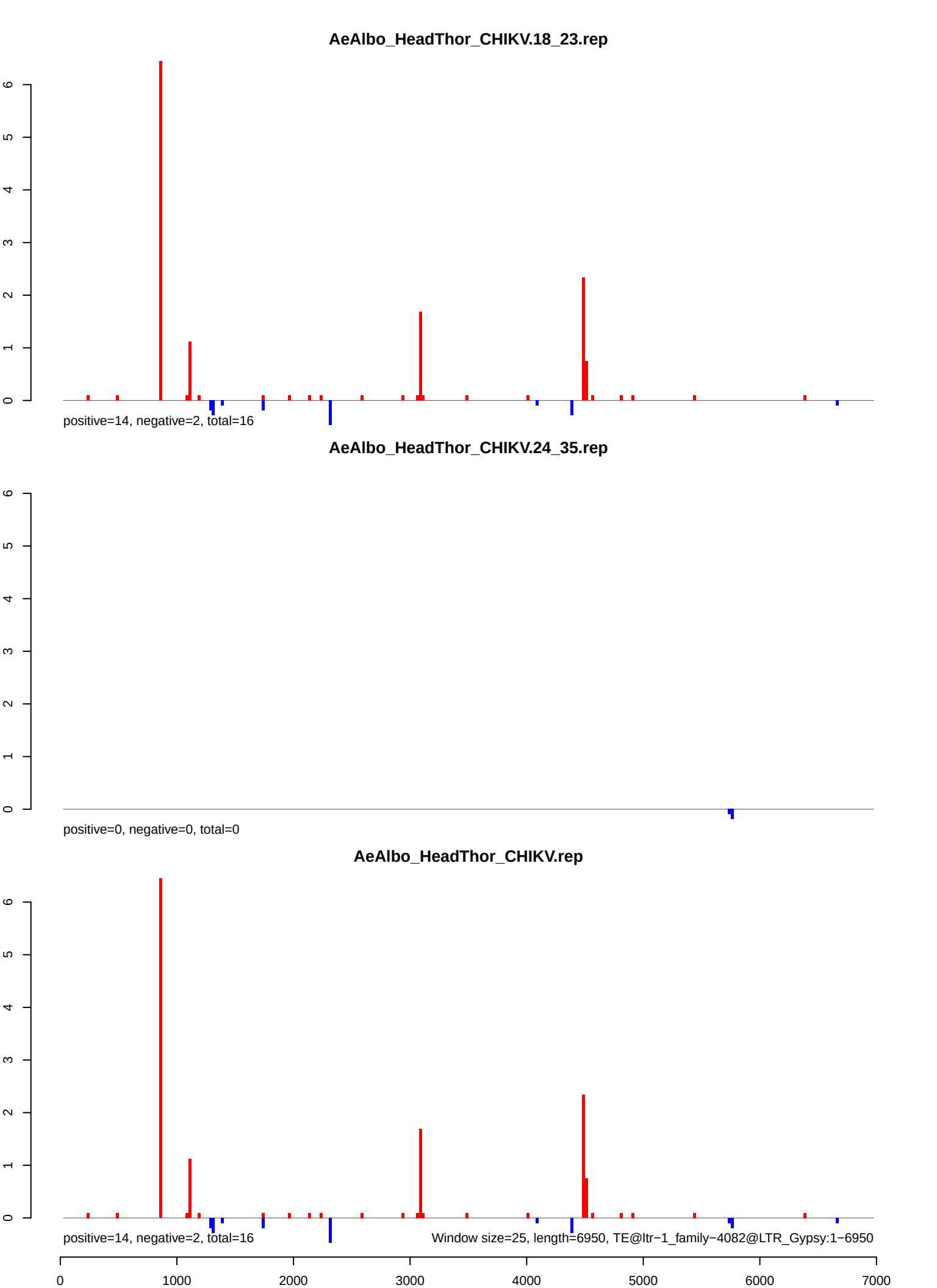

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=10, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=12, total=14
Window size=25, length=3221, TE@ltr−1_family−4313@LTR_Copia:1−3221
0
500
1000
1500
2000
2500
3000

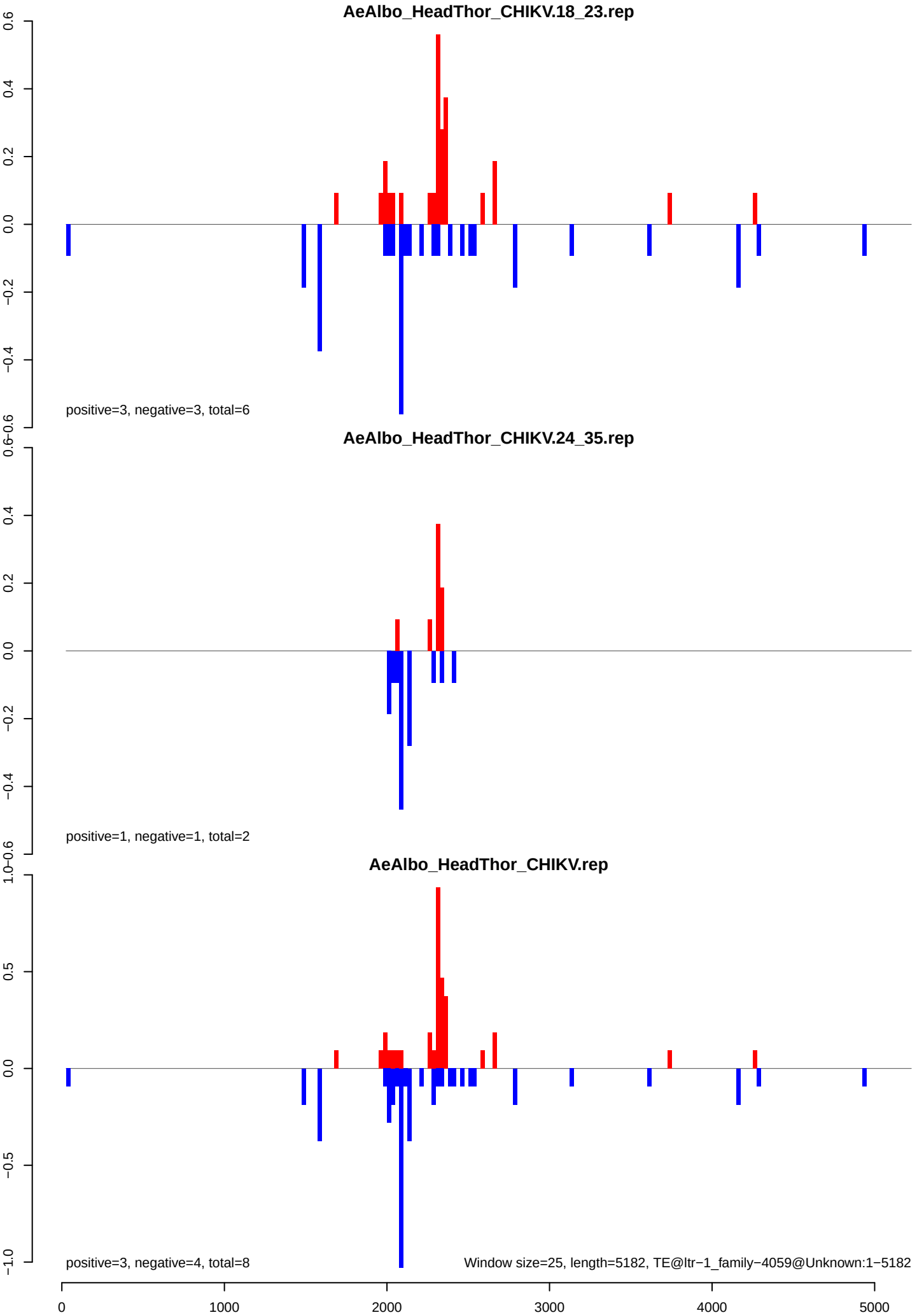

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=6, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=8, total=16
Window size=25, length=5085, TE@ltr−1_family−4272@LINE_R1−LOA:1−5085
0
1000
2000
3000
4000
5000

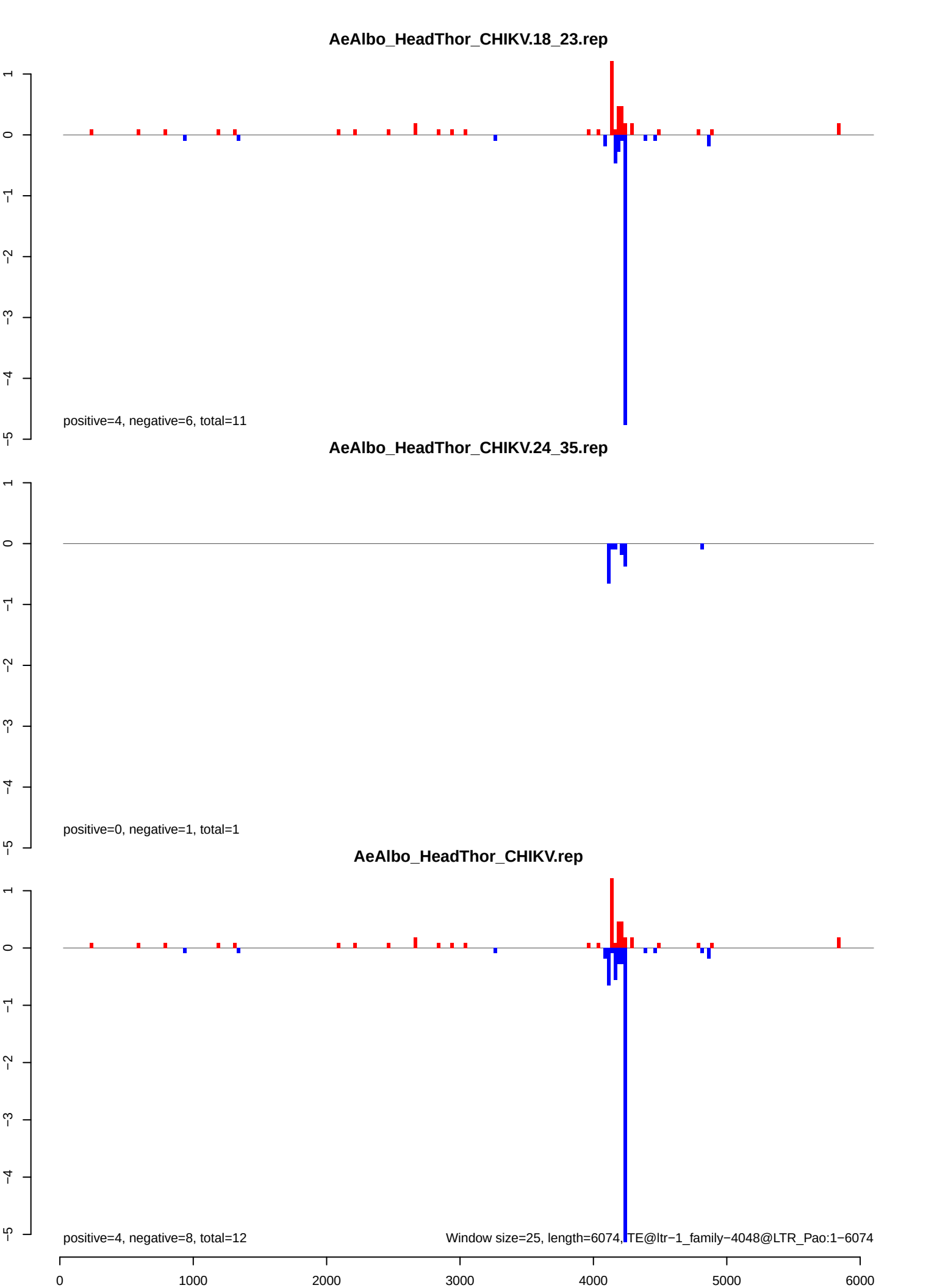

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
positive=4, negative=6, total=10

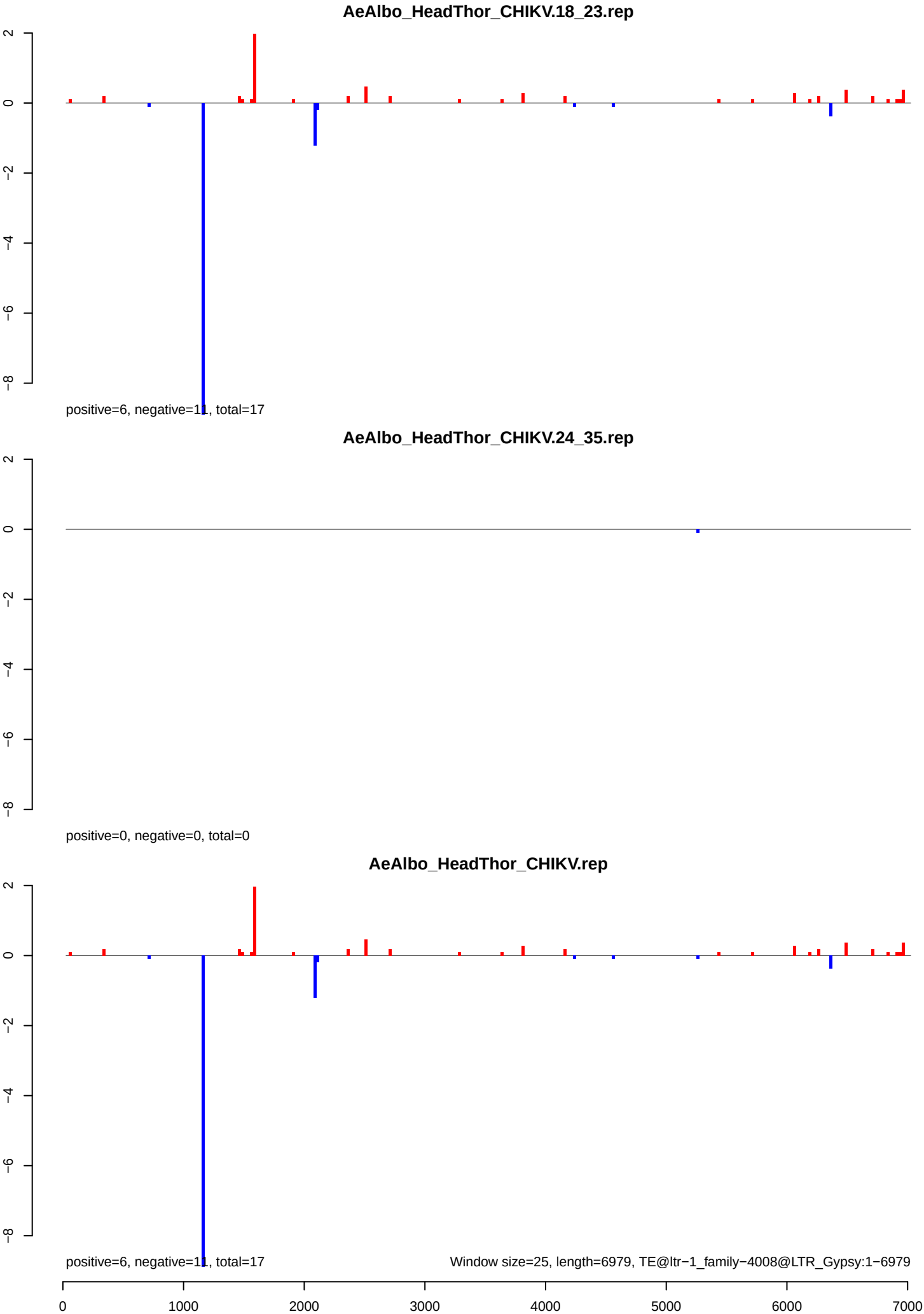

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
positive=1, negative=0, total=1

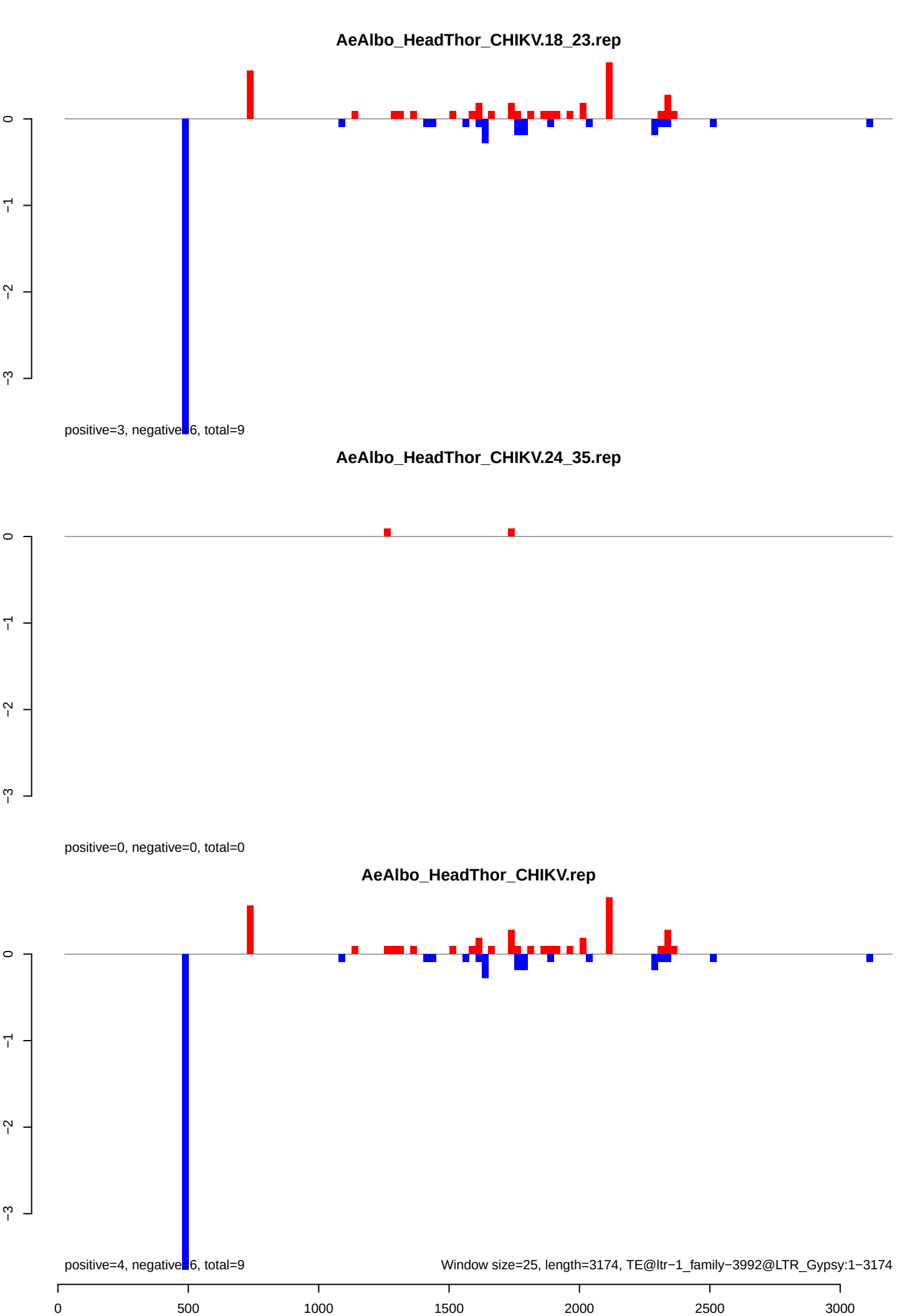

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
positive=5, negative=6, total=11
Window size=25, length=6735, TE@ltr−1_family−4225@Unknown:1−6735
0
1000
2000
3000
4000
5000
6000
7000

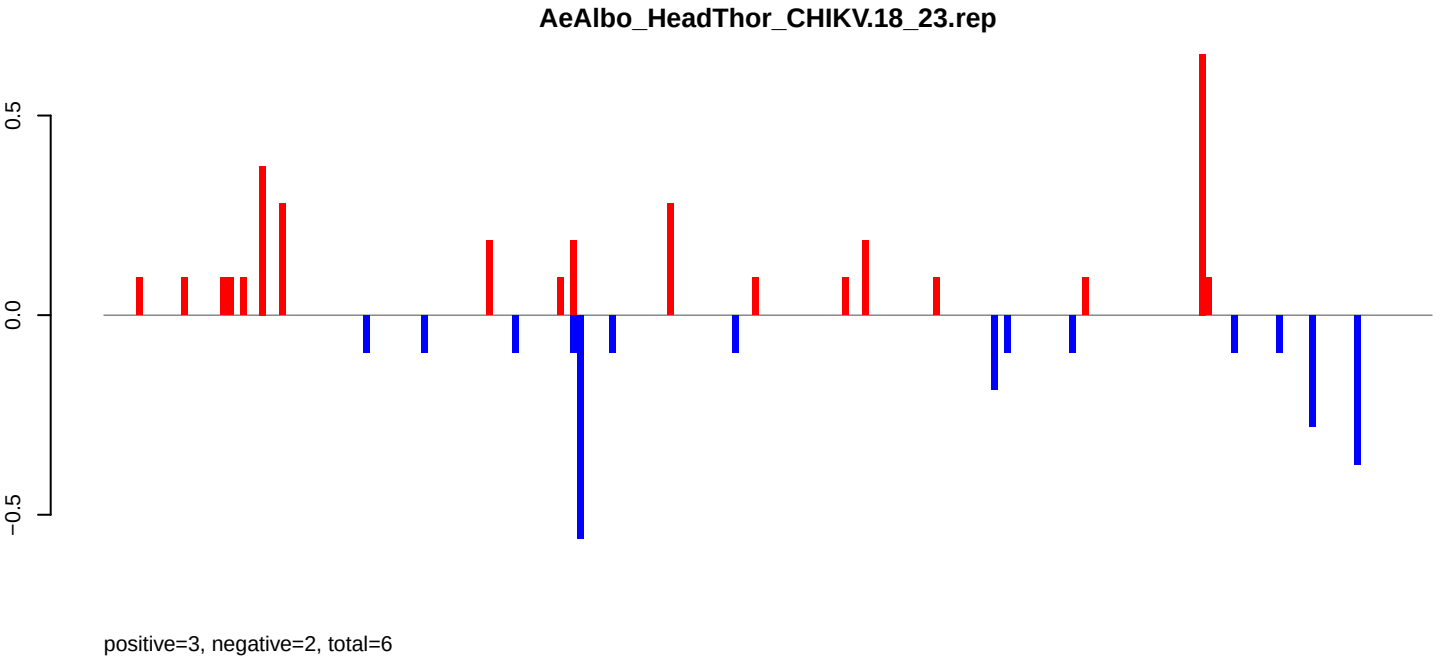

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
6
positive=14, negative=2, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
6
positive=14, negative=2, total=16
Window size=25, length=6950, TE@ltr−1_family−4082@LTR_Gypsy:1−6950
0
1000
2000
3000
4000
5000
6000
7000

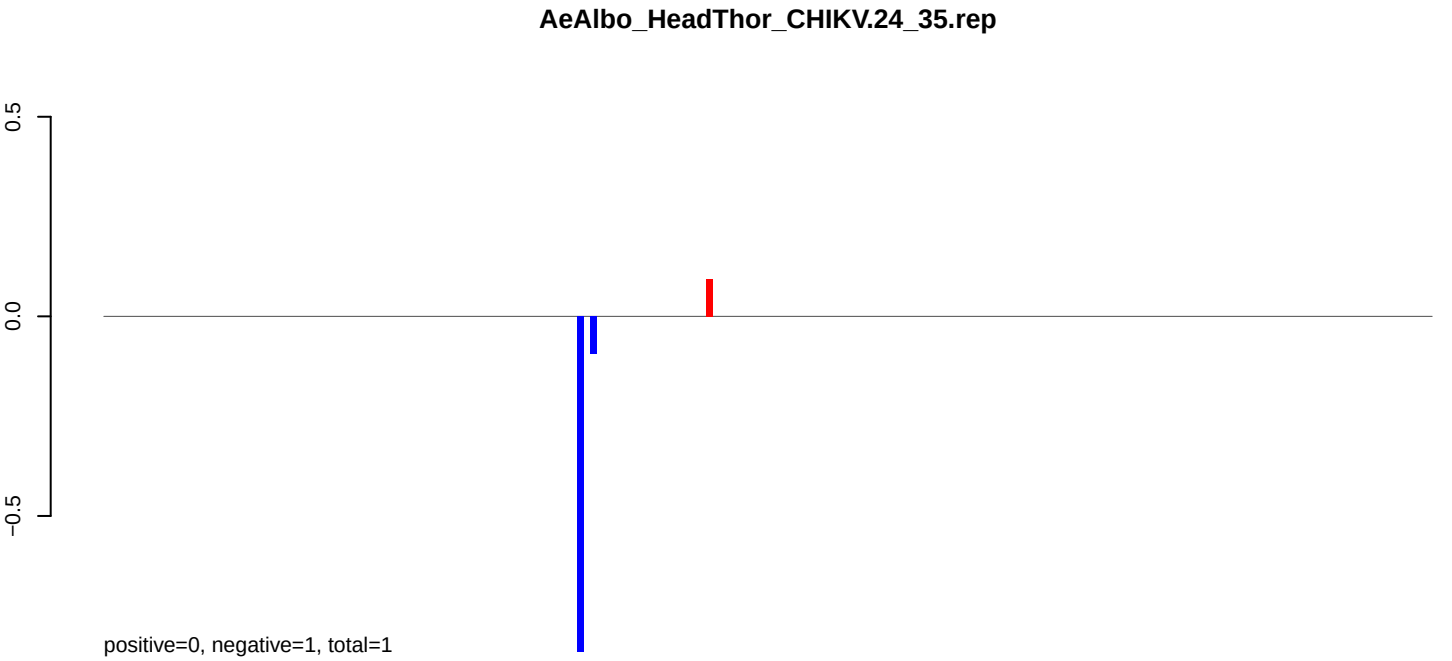

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=4, total=8
Window size=25, length=5182, TE@ltr−1_family−4059@Unknown:1−5182
0
1000
2000
3000
4000
5000

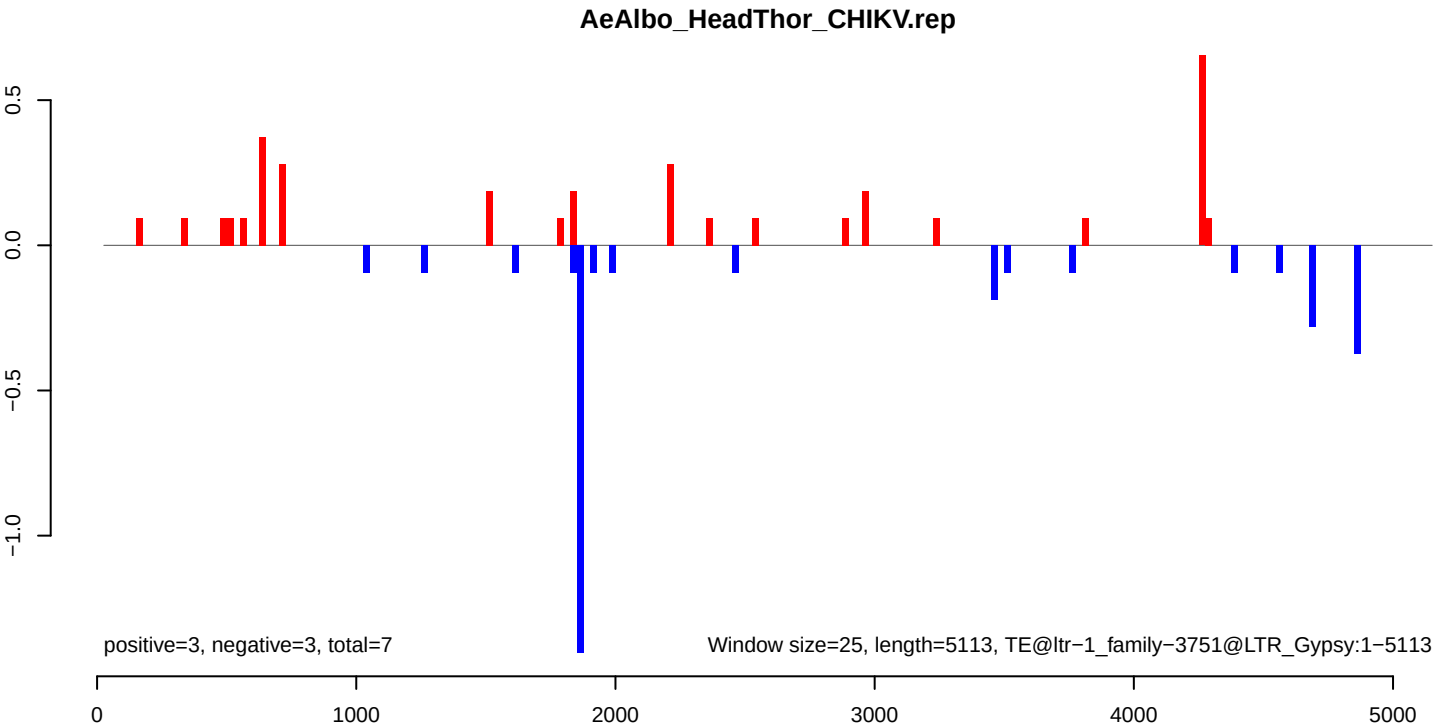

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=6, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=8, total=12
Window size=25, length=6074, TE@ltr−1_family−4048@LTR_Pao:1−6074
1
0
−1
−2
−3
−4
−5
0
1000
2000
3000
4000
5000
6000

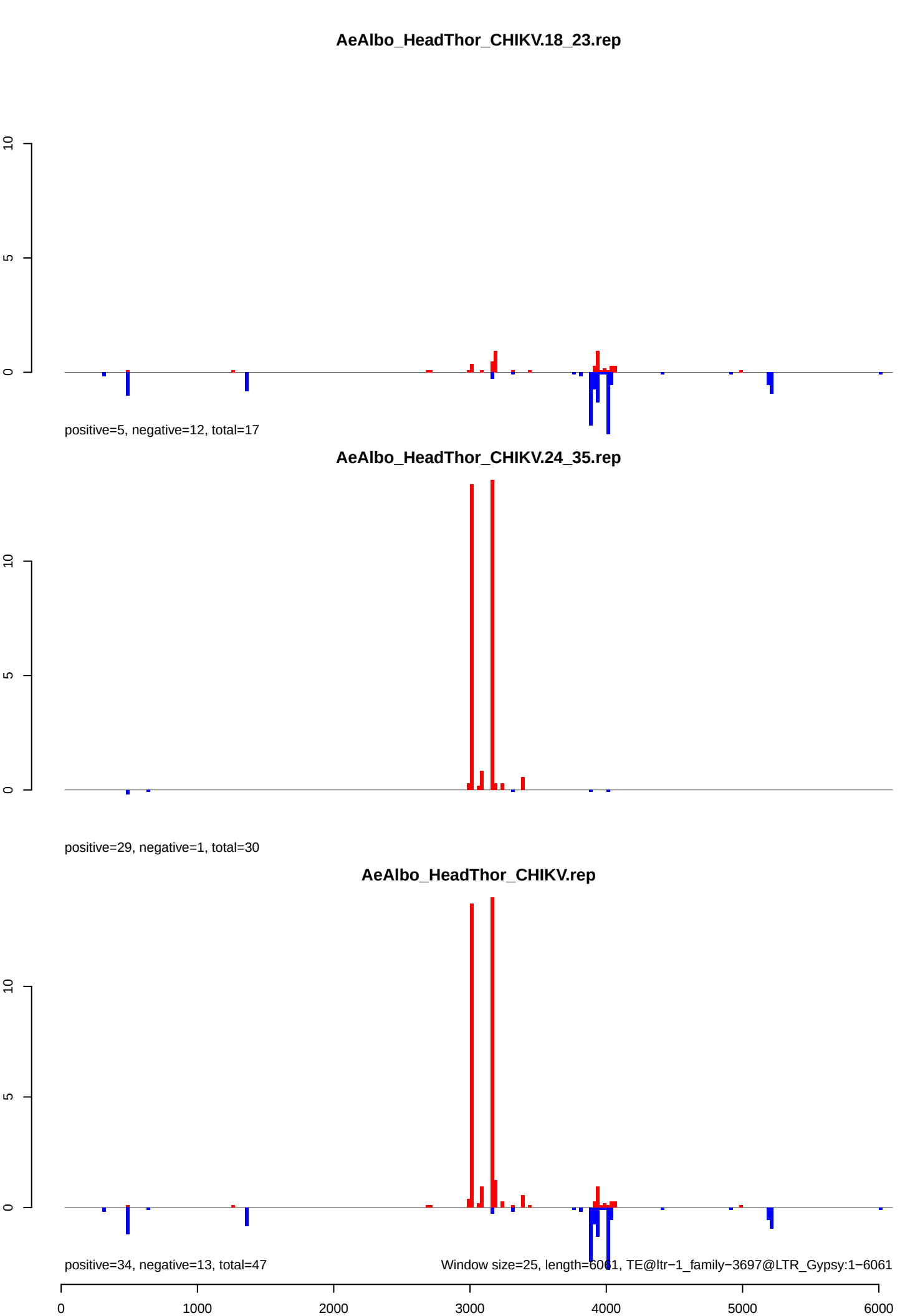

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
−6
−8
positive=6, negative=11, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
−6
−8
positive=6, negative=11, total=17
Window size=25, length=6979, TE@ltr−1_family−4008@LTR_Gypsy:1−6979
0
1000
2000
3000
4000
5000
6000
7000

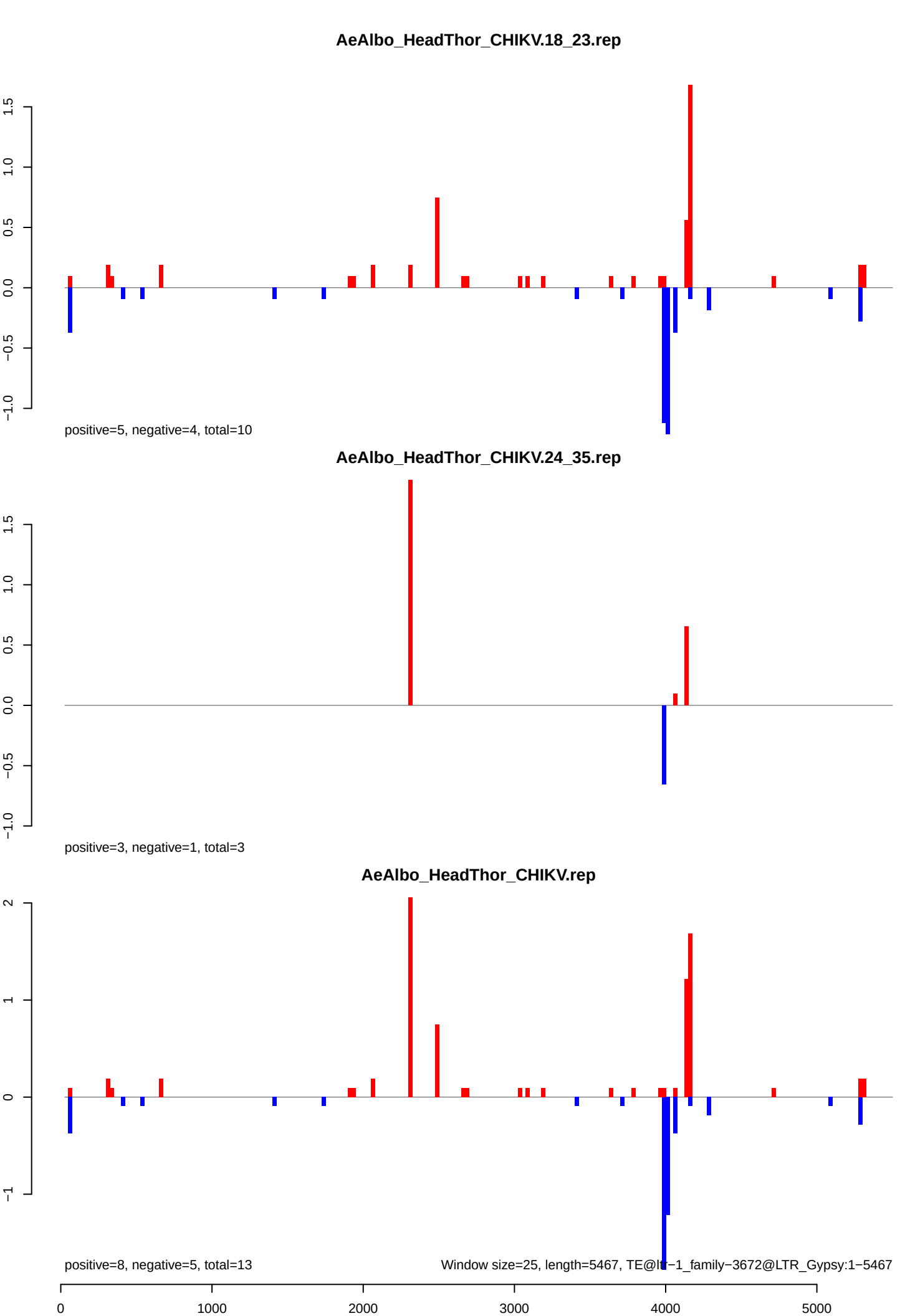

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=3, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=4, negative=6, total=9
Window size=25, length=3174, TE@ltr−1_family−3992@LTR_Gypsy:1−3174
0
500
1000
1500
2000
2500
3000

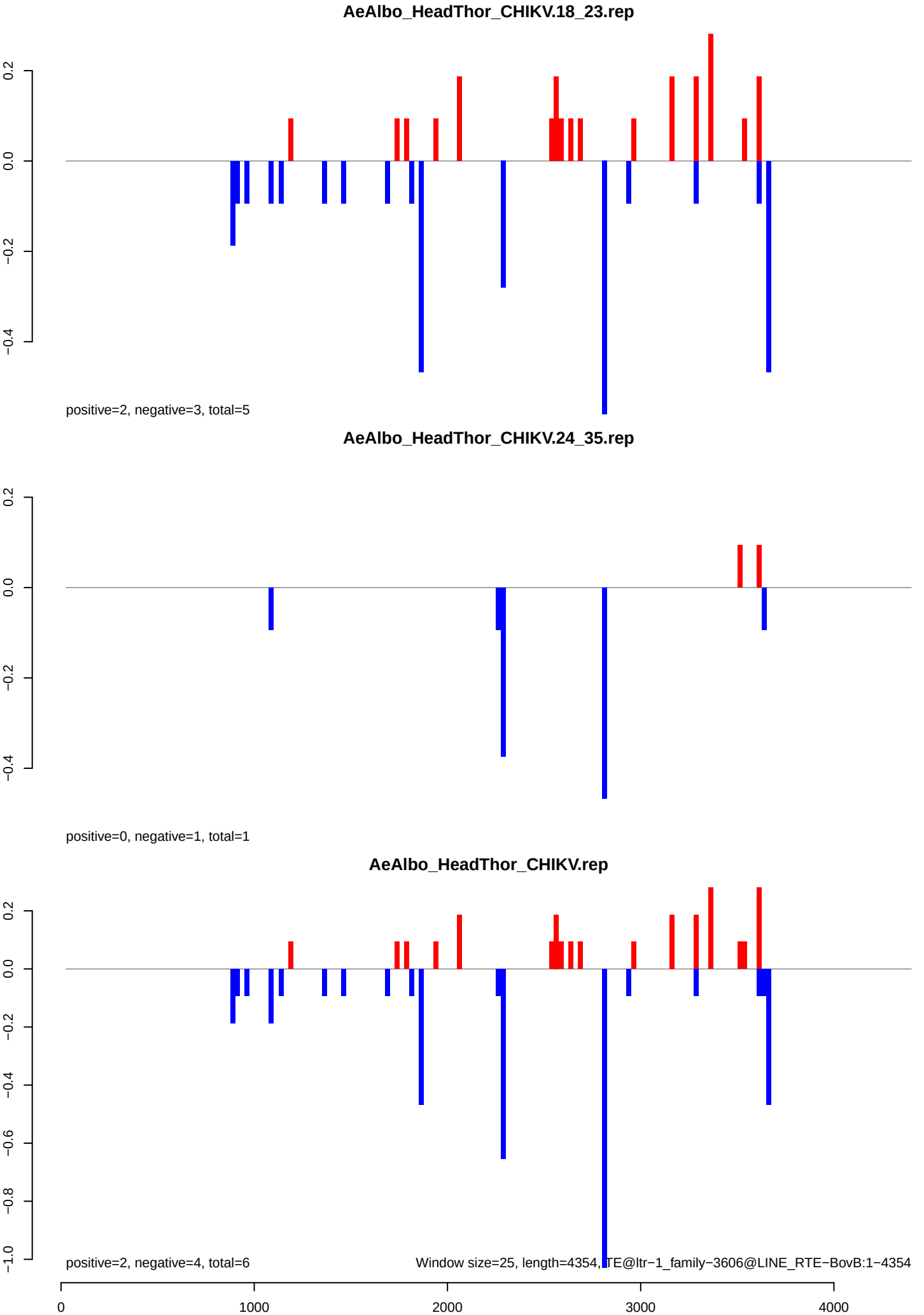

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=3, negative=2, total=6

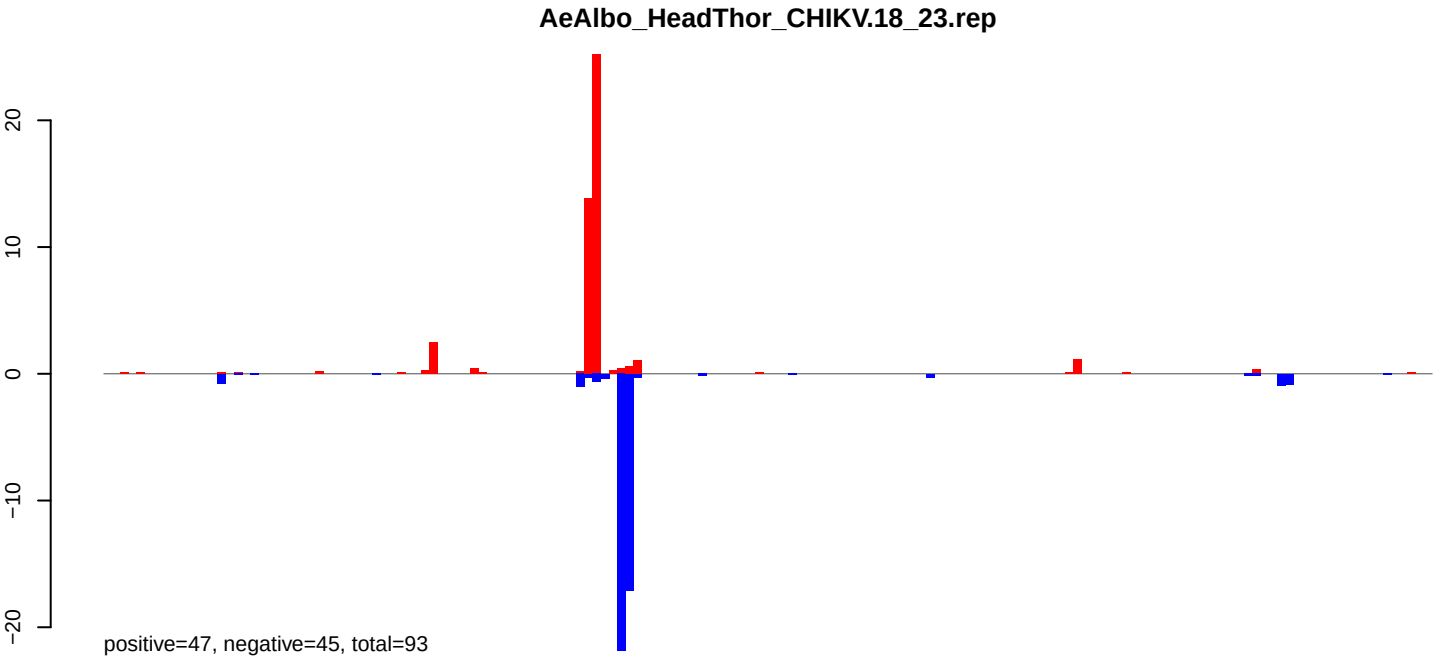

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=1, total=1

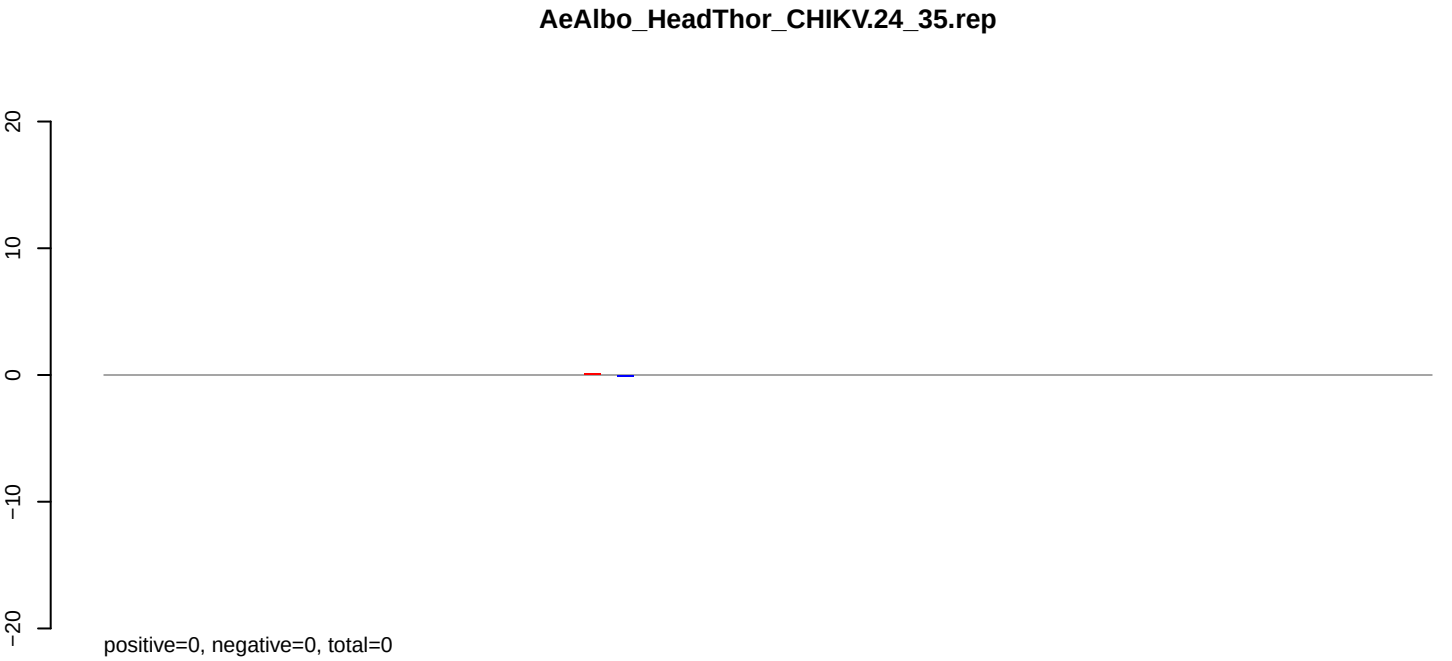

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=7
Window size=25, length=5113, TE@ltr−1_family−3751@LTR_Gypsy:1−5113
0
1000
2000
3000
4000
5000

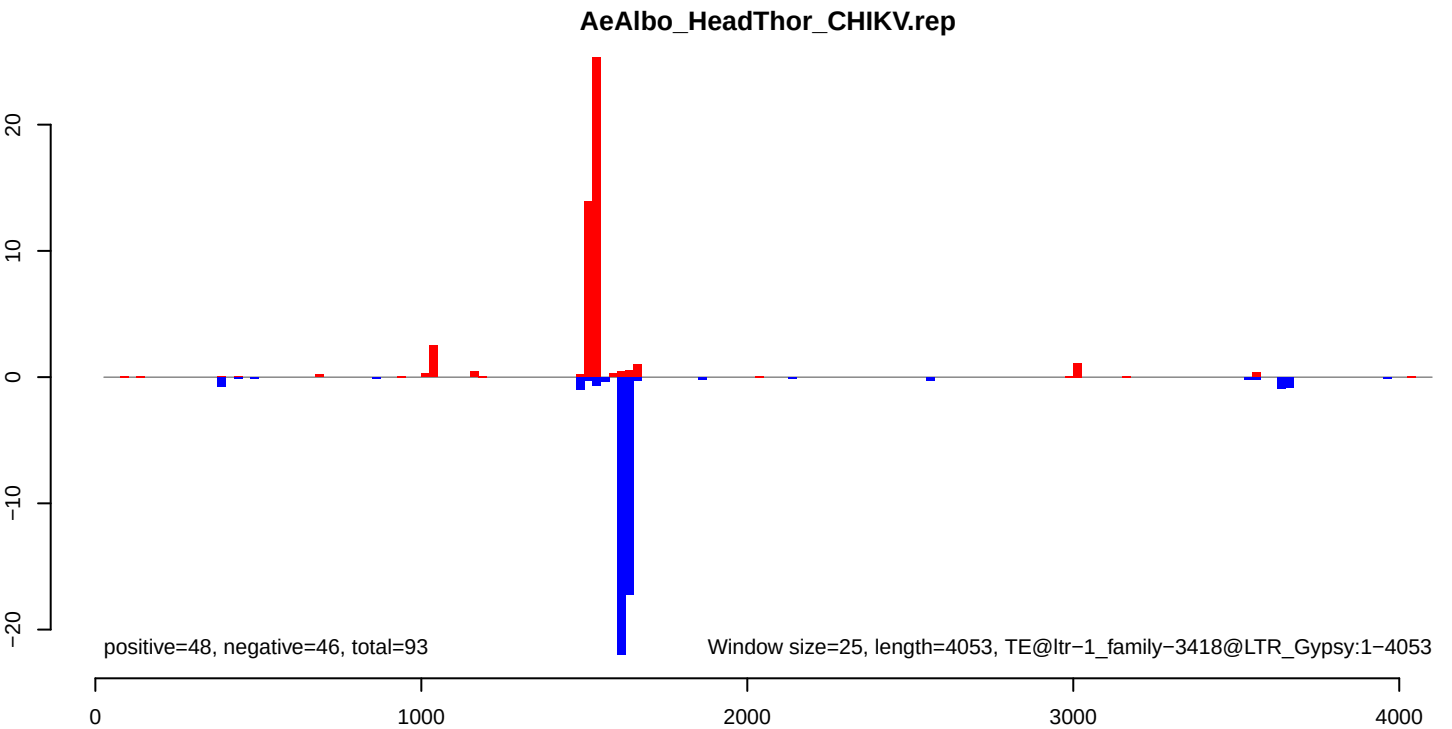

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
positive=5, negative=12, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
positive=29, negative=1, total=30
AeAlbo_HeadThor_CHIKV.rep
10
5
0
positive=34, negative=13, total=47
Window size=25, length=6061, TE@ltr−1_family−3697@LTR_Gypsy:1−6061
0
1000
2000
3000
4000
5000
6000

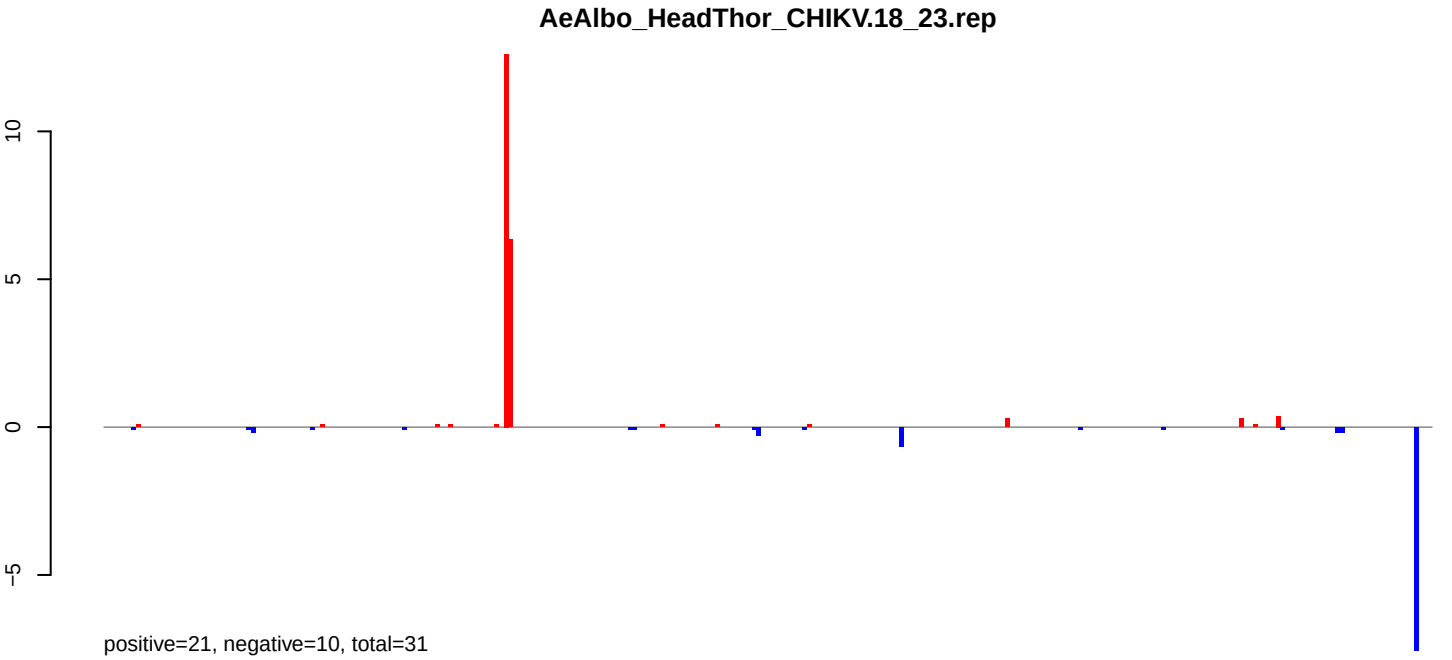

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=5, negative=4, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=8, negative=5, total=13
Window size=25, length=5467, TE@ltr−1_family−3672@LTR_Gypsy:1−5467
0
1000
2000
3000
4000
5000

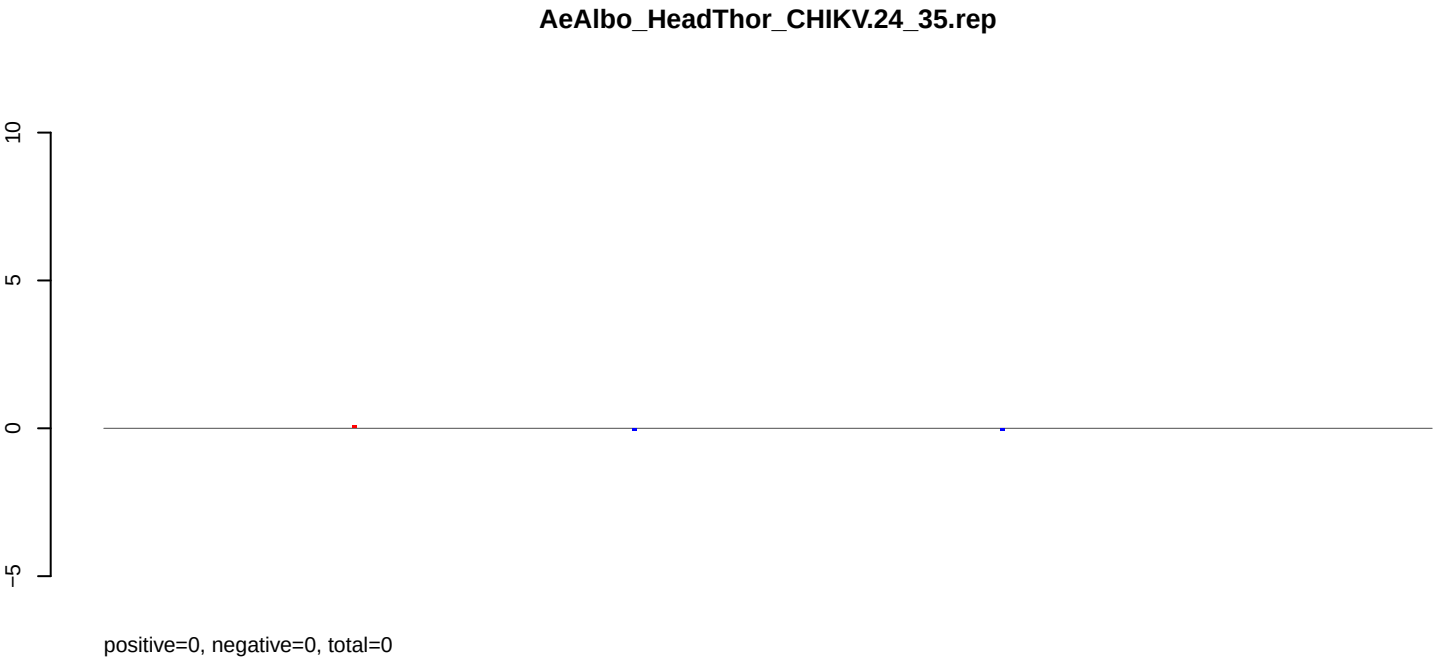

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=2, negative=4, total=6
Window size=25, length=4354, TE@ltr−1_family−3606@LINE_RTE−BovB:1−4354
0
1000
2000
3000
4000

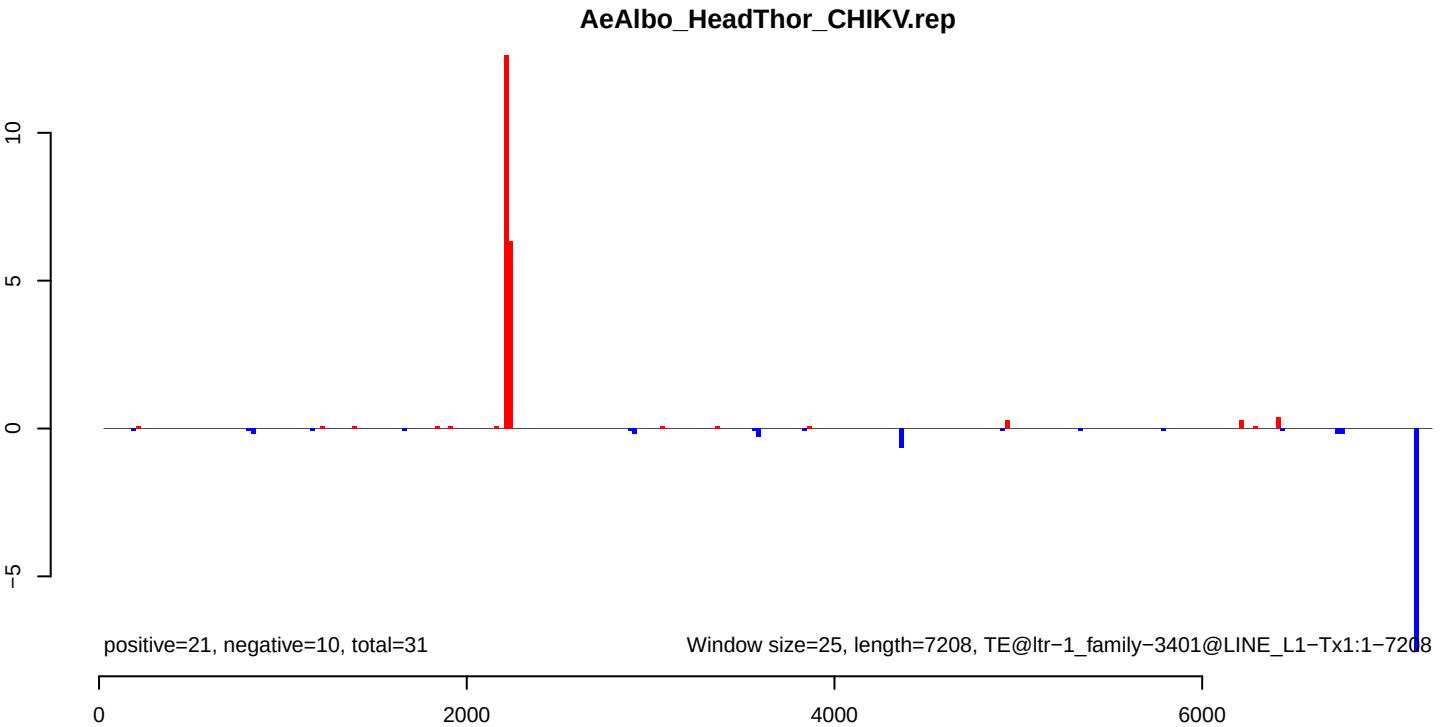

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
positive=47, negative=45, total=93

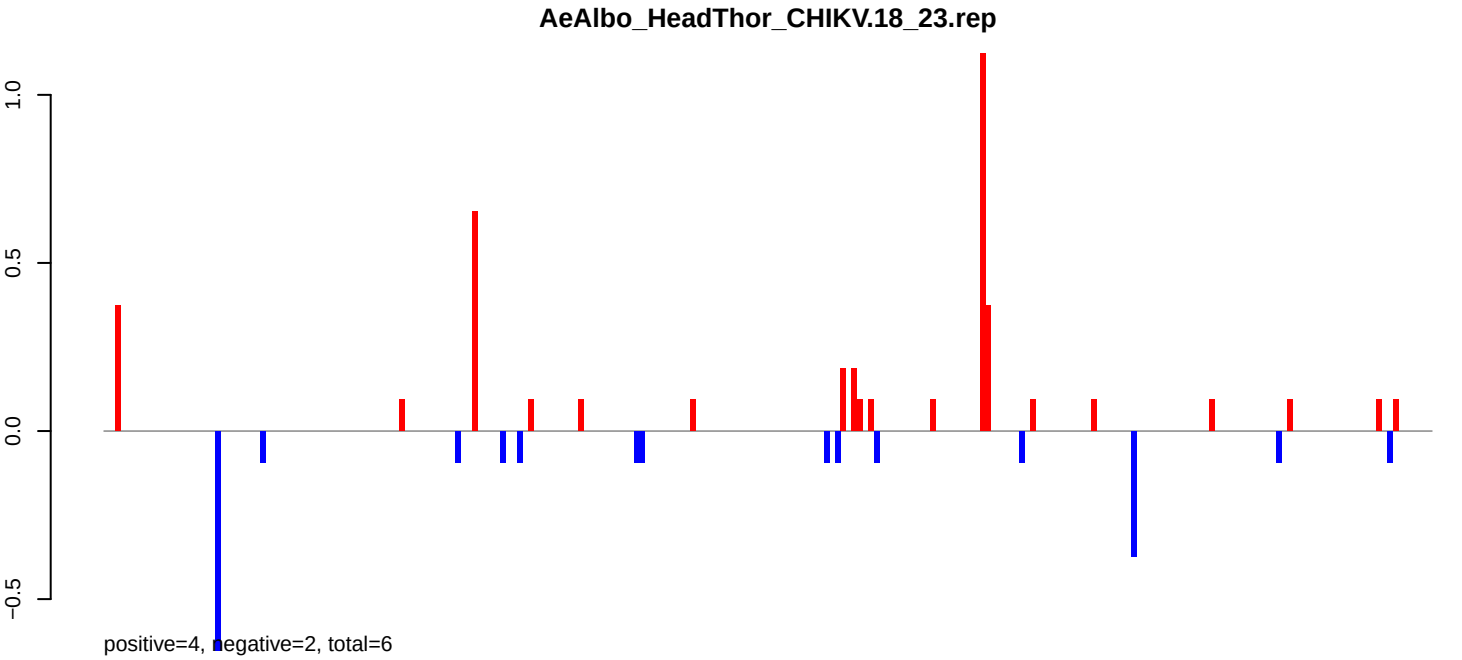

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
positive=0, negative=0, total=0

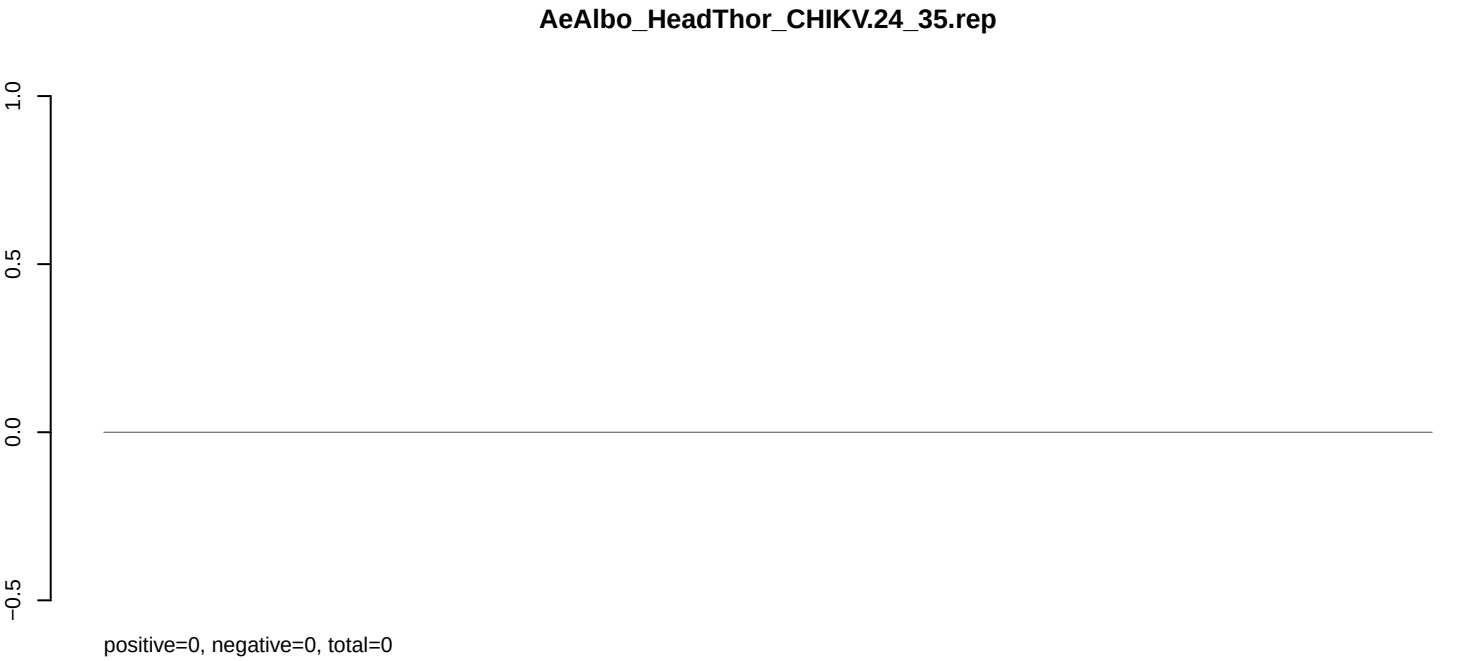

AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
positive=48, negative=46, total=93
Window size=25, length=4053, TE@ltr−1_family−3418@LTR_Gypsy:1−4053
0
1000
2000
3000
4000

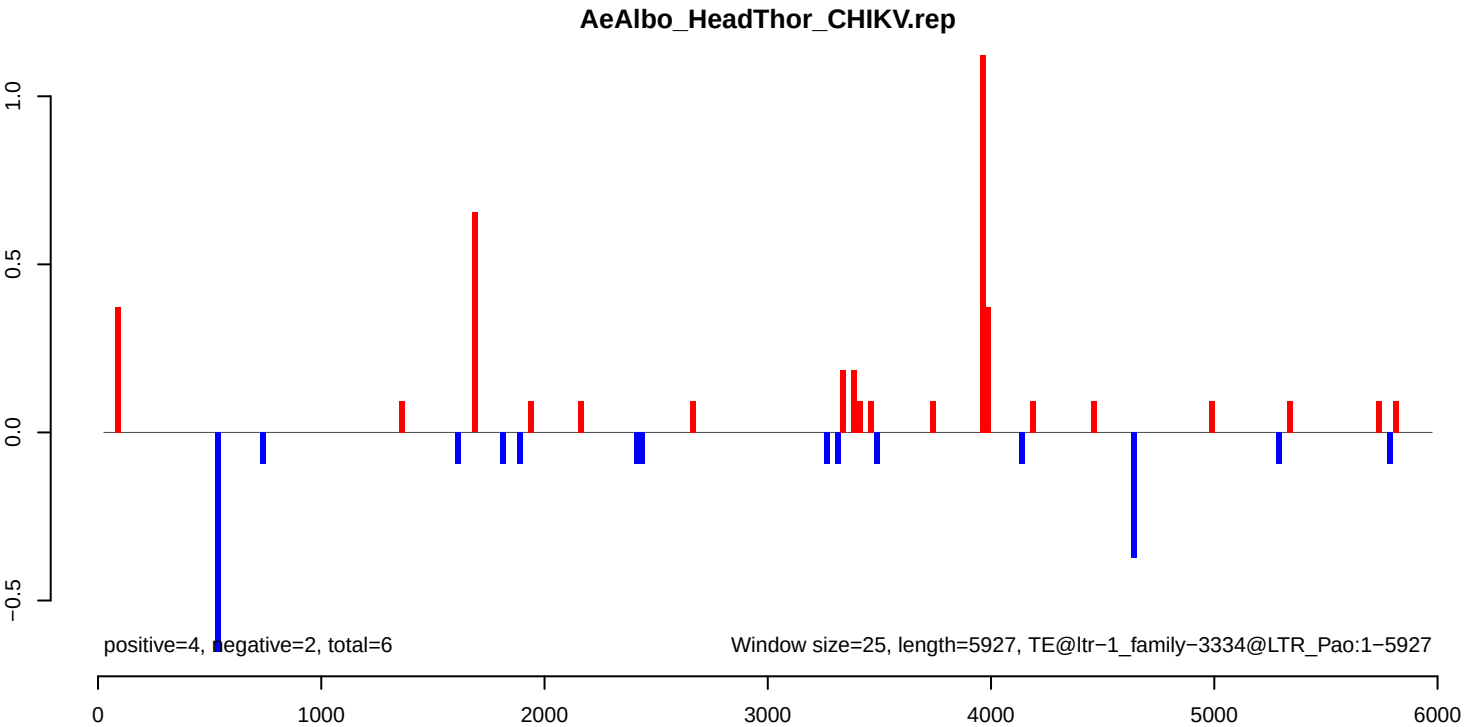

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=21, negative=10, total=31

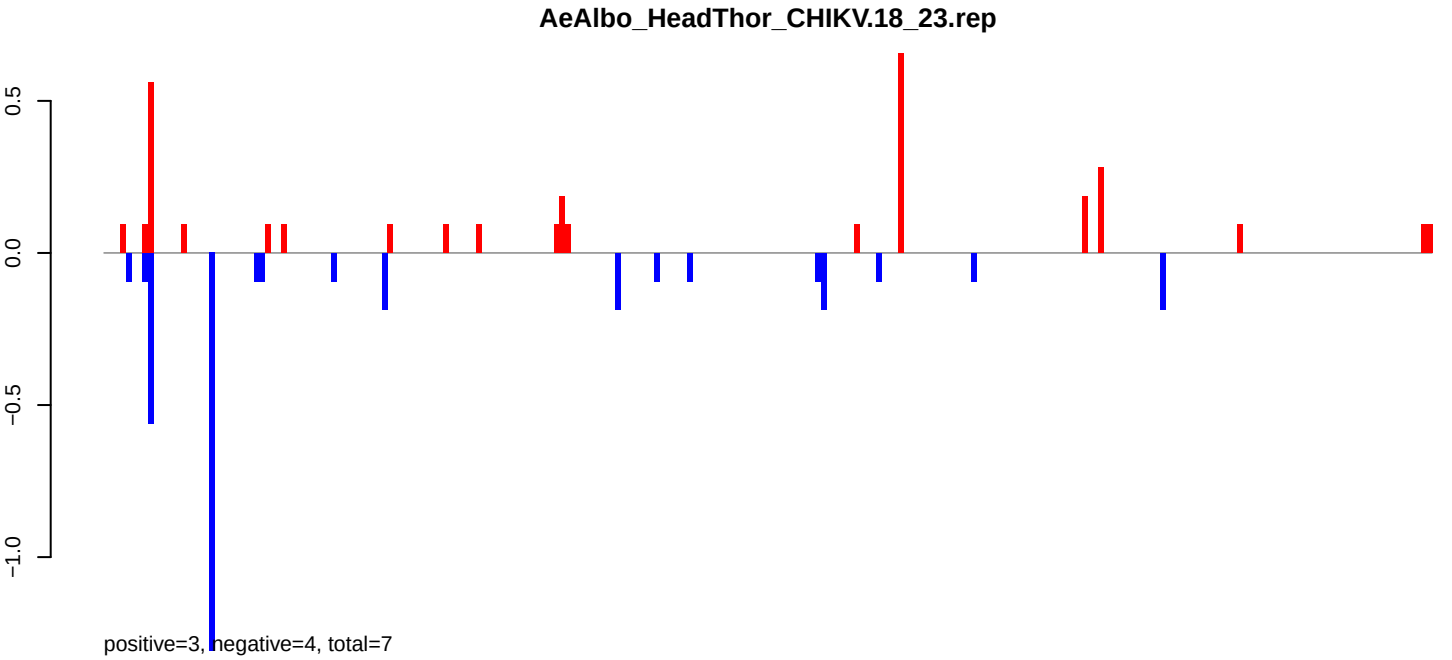

AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=0, negative=0, total=0

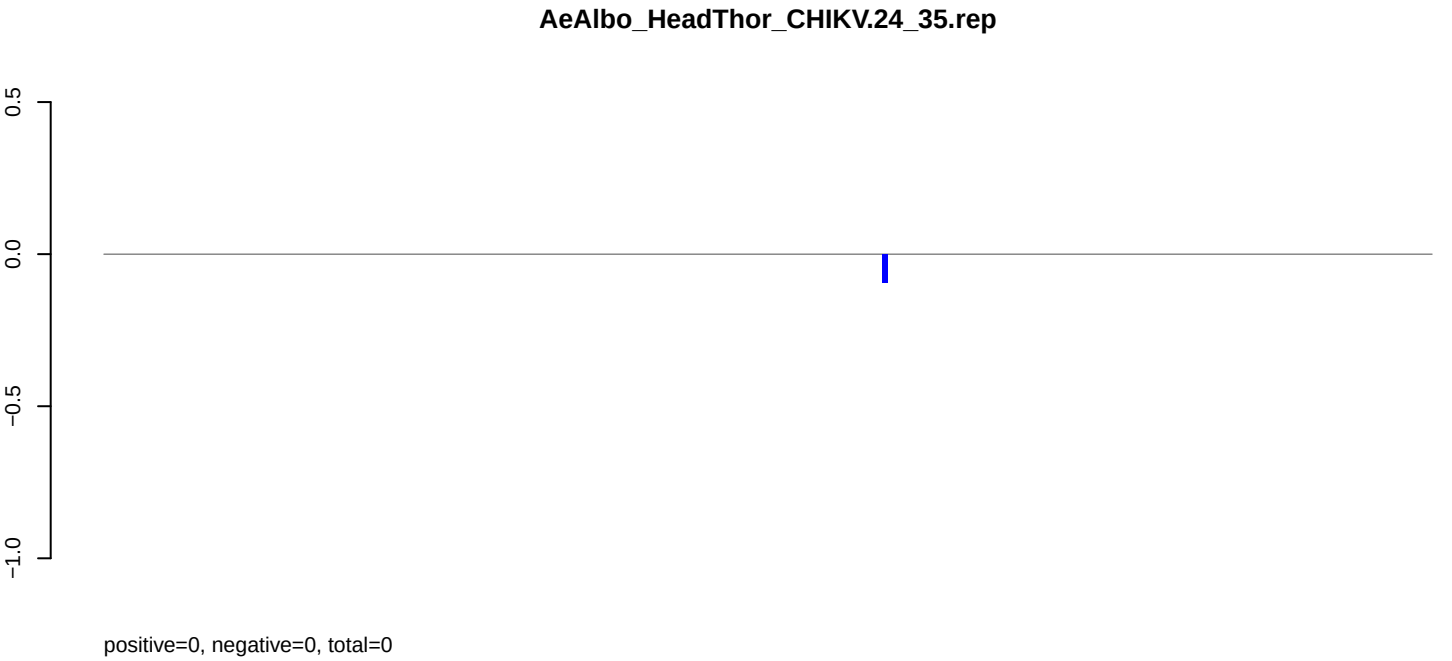

AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=21, negative=10, total=31
Window size=25, length=7208, TE@ltr−1_family−3401@LINE_L1−Tx1:1−7208
0
2000
4000
6000

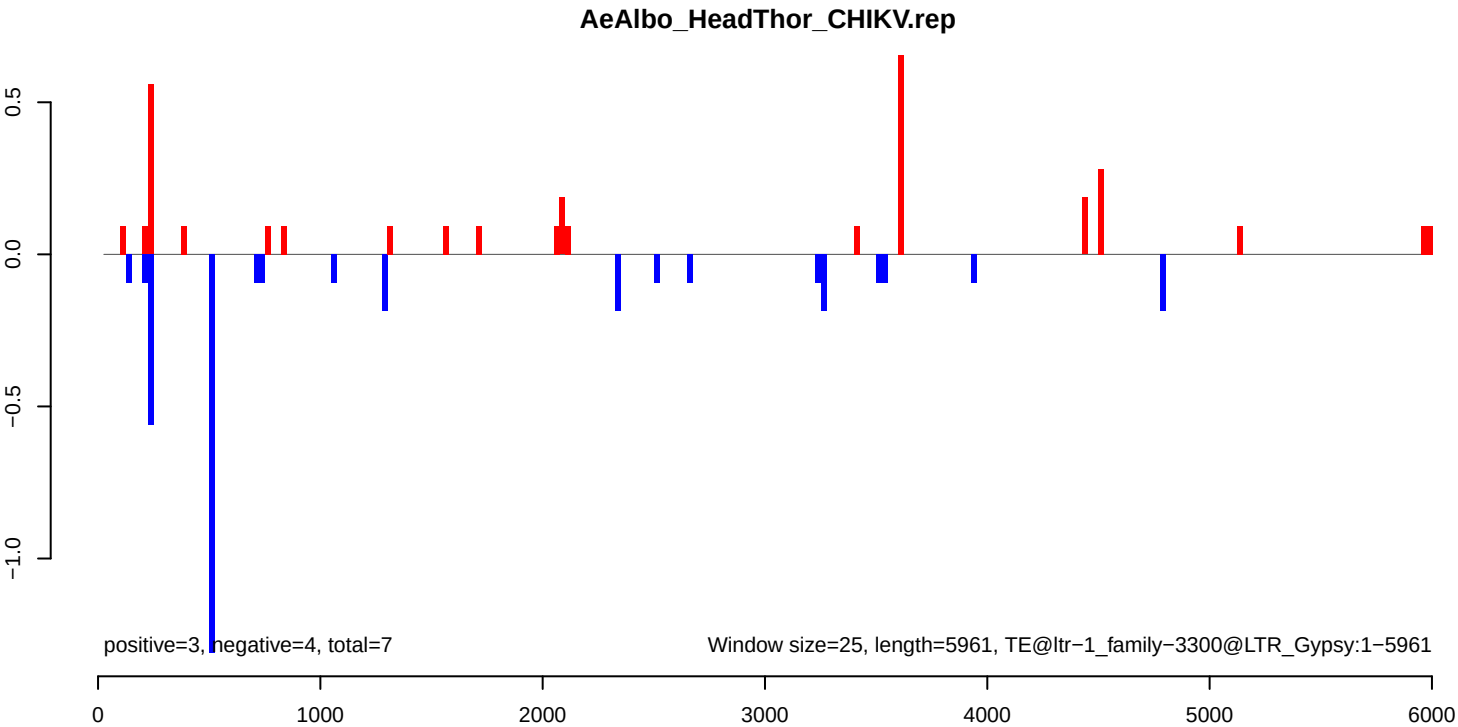

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=4, negative=2, total=6

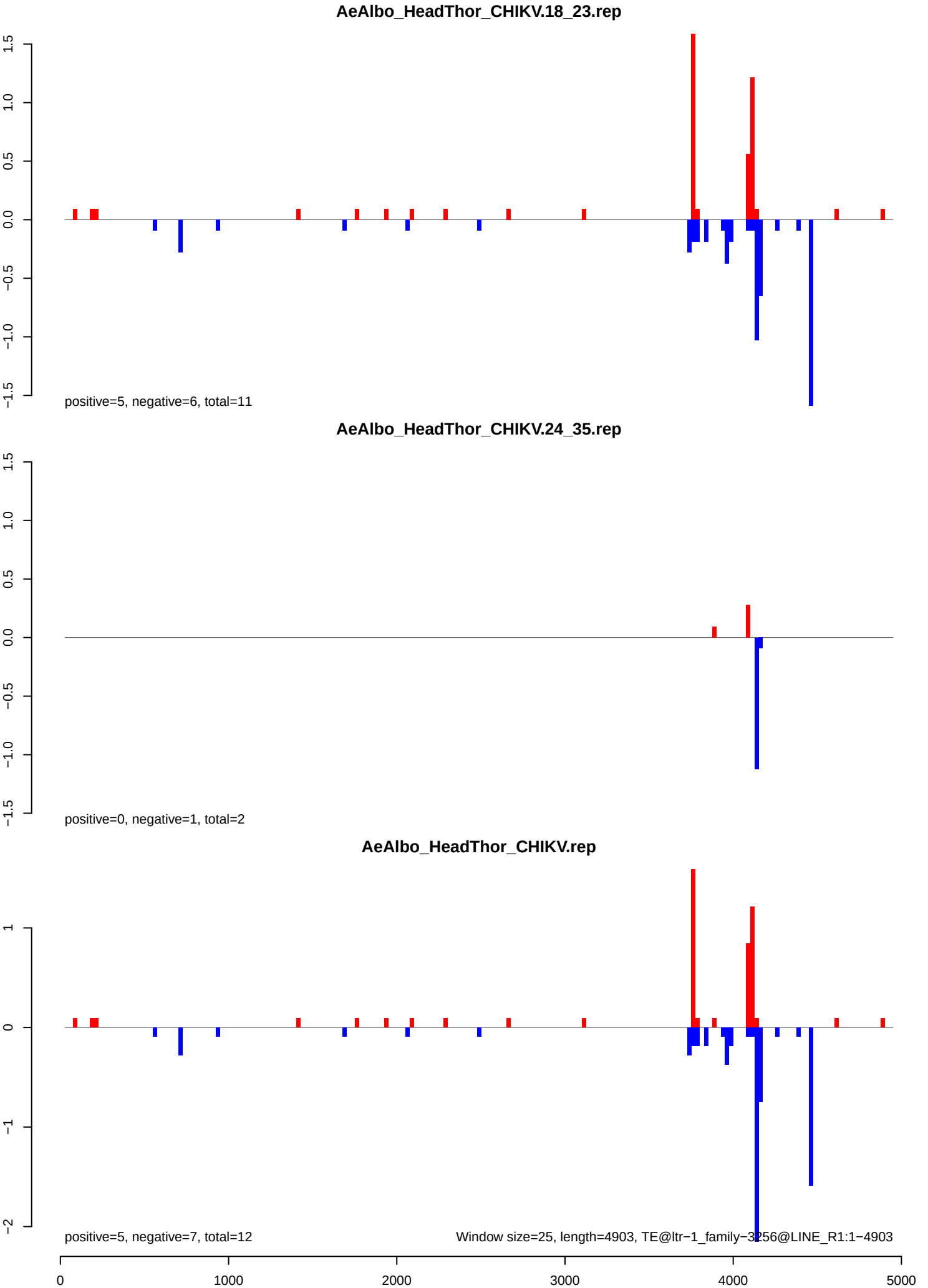

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

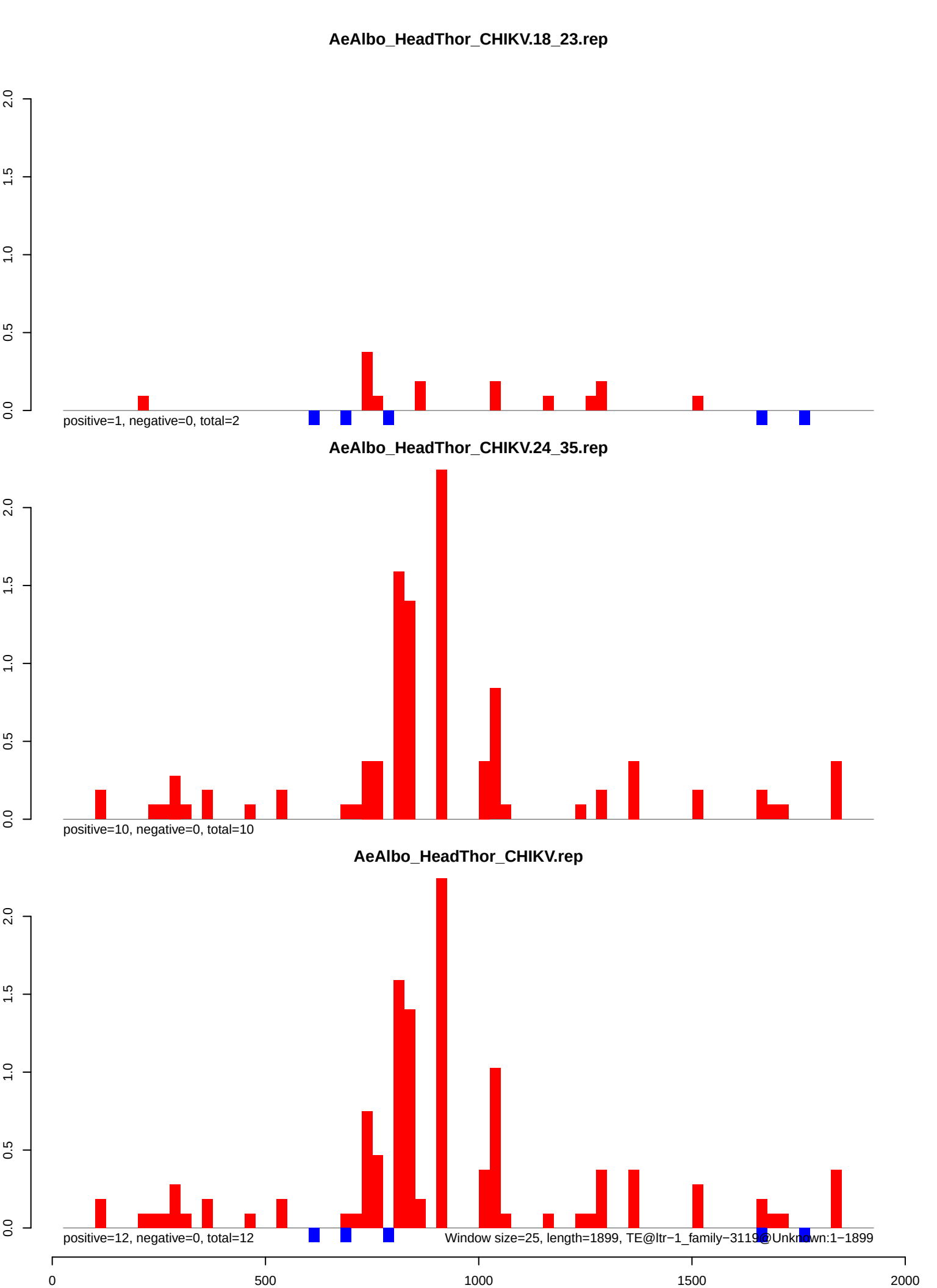

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=4, negative=2, total=6
Window size=25, length=5927, TE@ltr−1_family−3334@LTR_Pao:1−5927
0
1000
2000
3000
4000
5000
6000

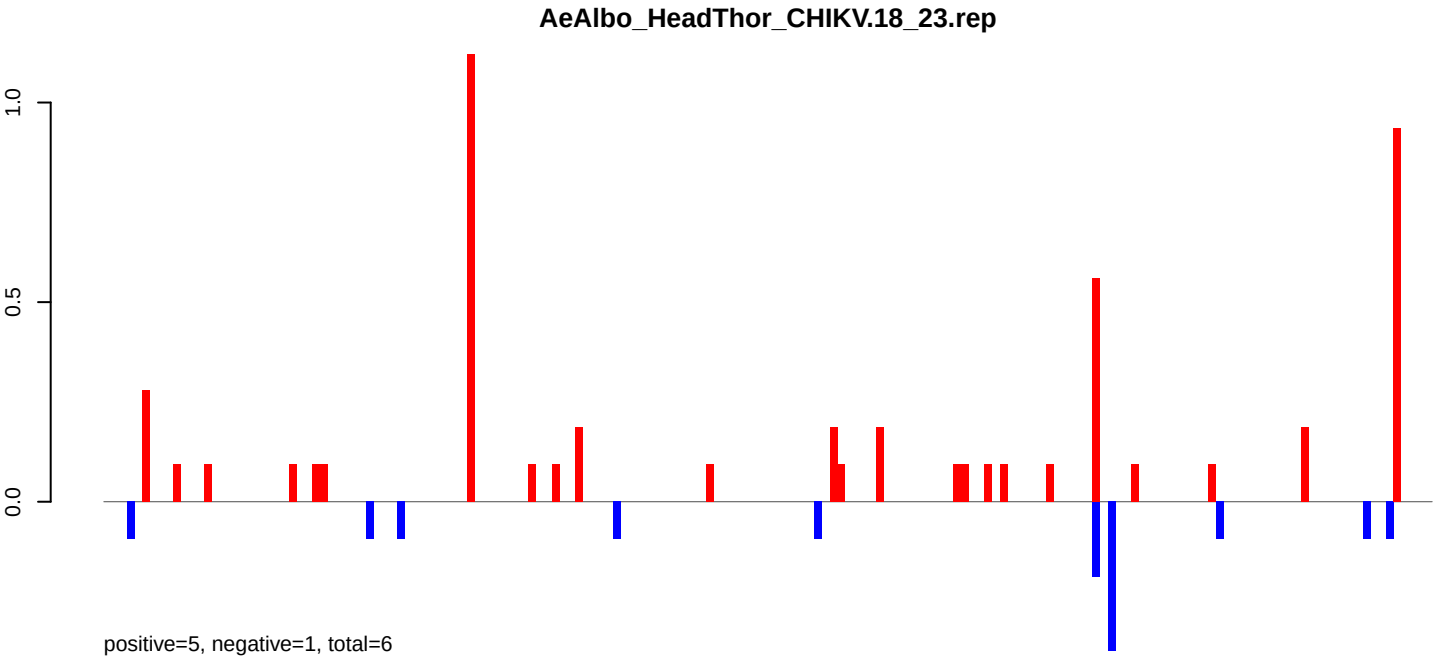

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7

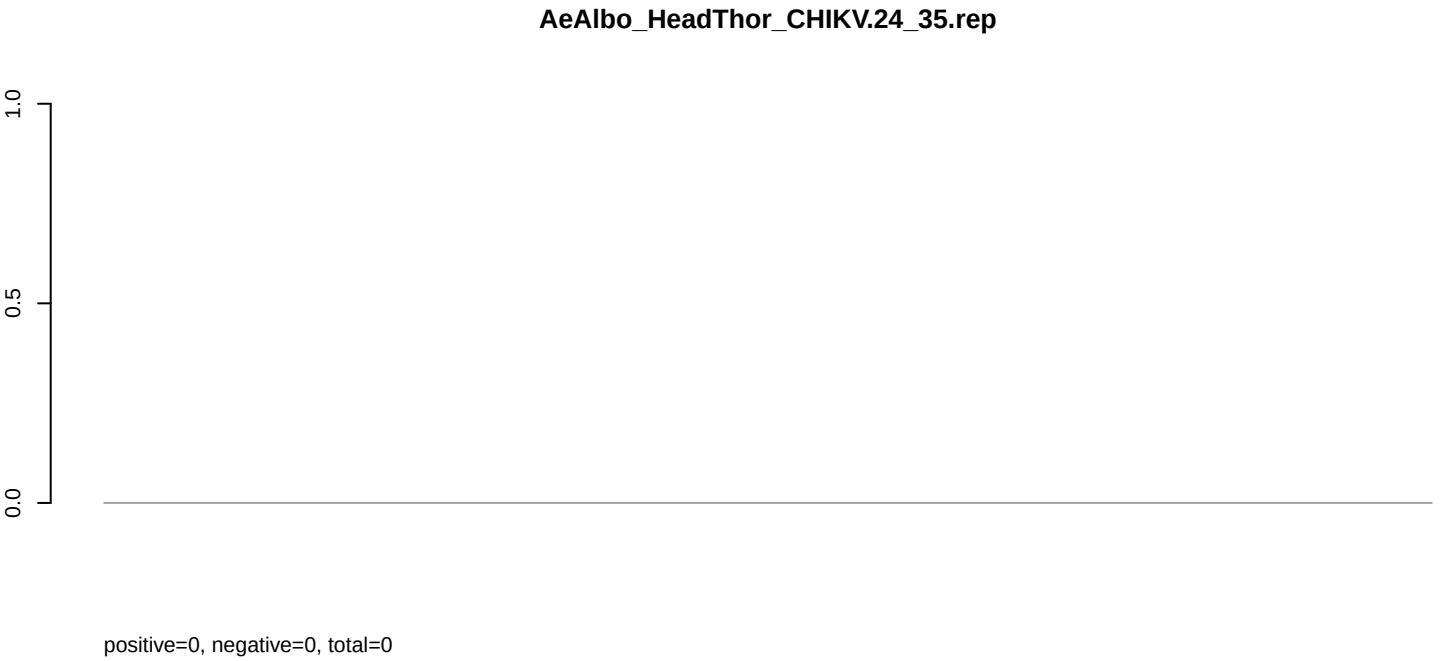

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

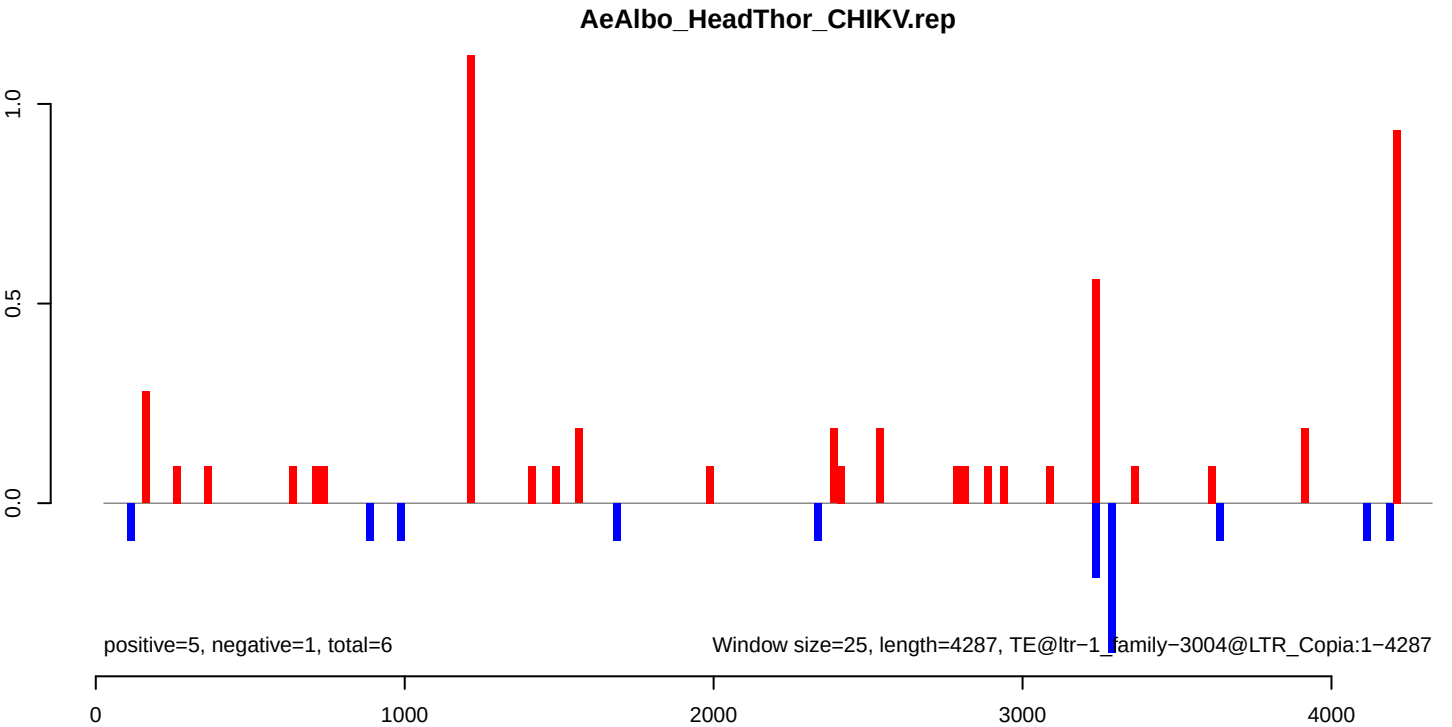

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
Window size=25, length=5961, TE@ltr−1_family−3300@LTR_Gypsy:1−5961
0
1000
2000
3000
4000
5000
6000

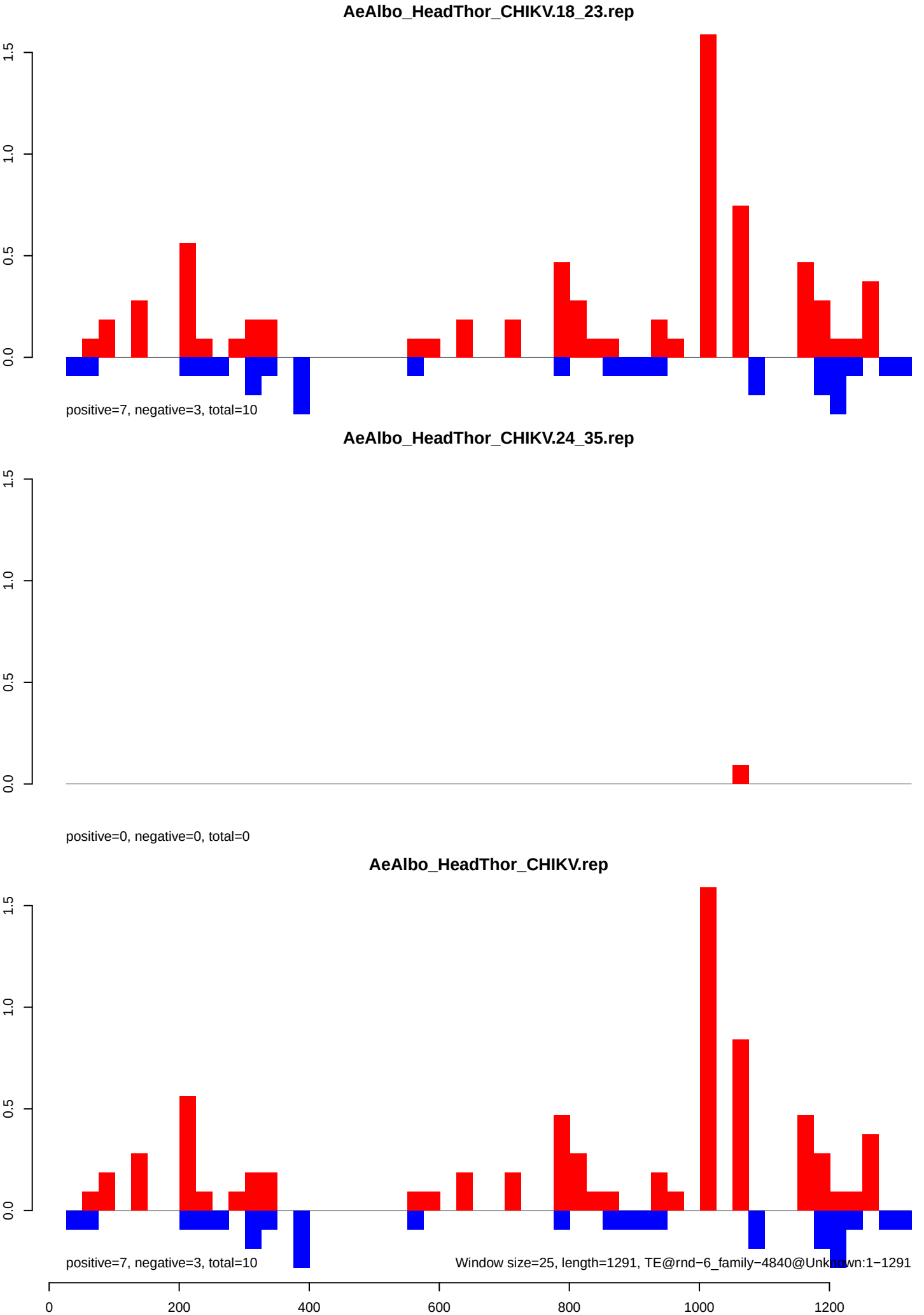

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=5, negative=6, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=5, negative=7, total=12
Window size=25, length=4903, TE@ltr−1_family−3256@LINE_R1:1−4903
0
1000
2000
3000
4000
5000

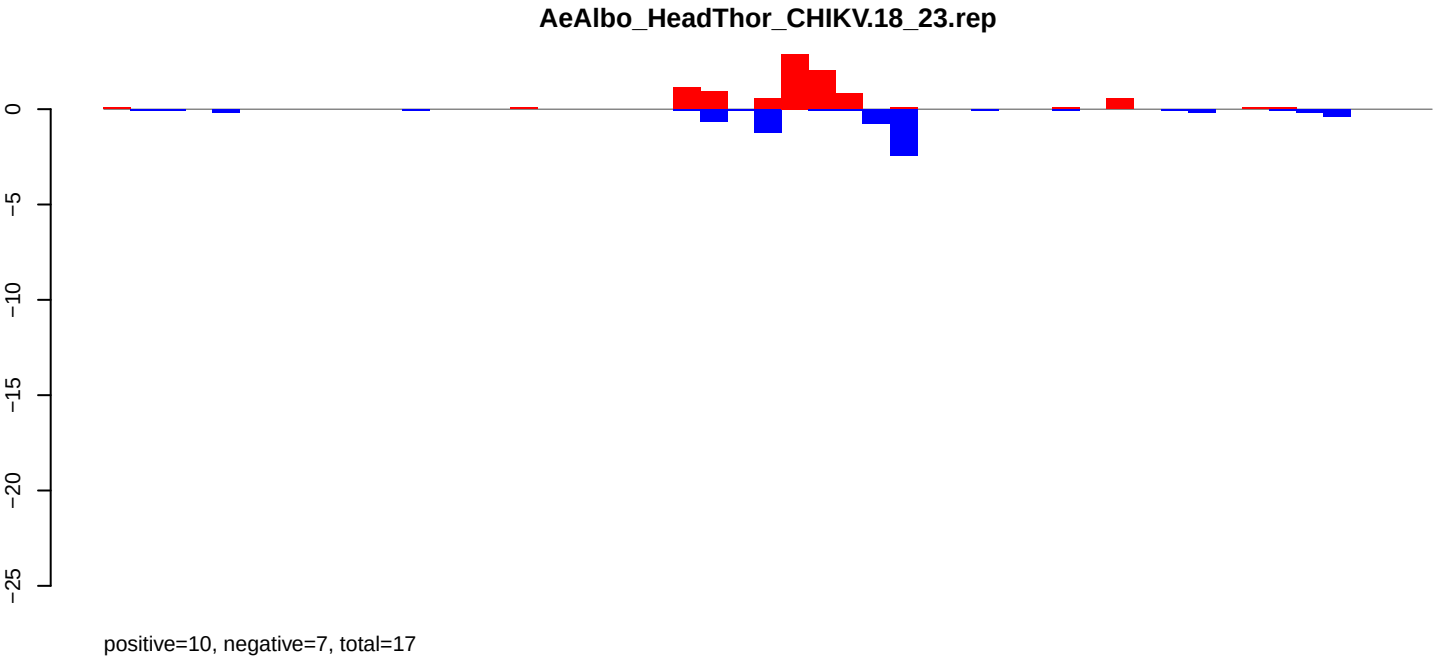

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
positive=10, negative=0, total=10
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
positive=12, negative=0, total=12
Window size=25, length=1899, TE@ltr−1_family−3119@Unknown:1−1899
0
500
1000
1500
2000

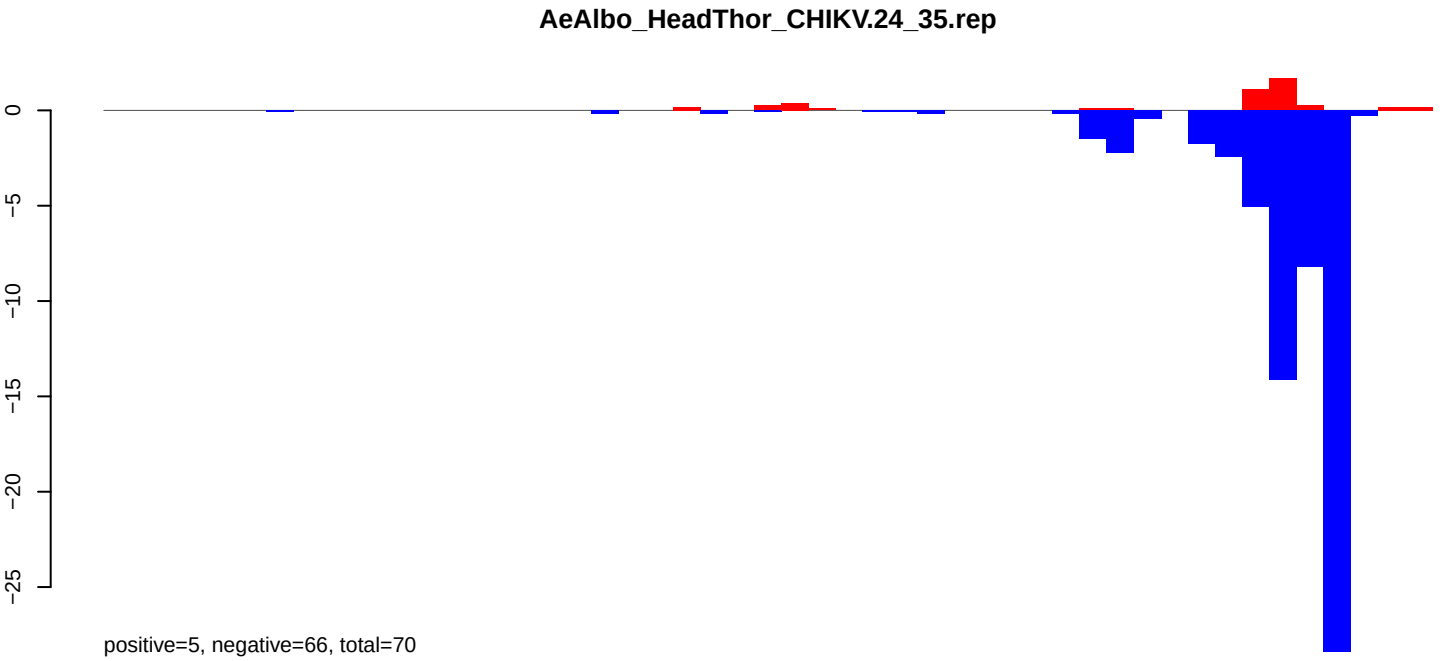

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=5, negative=1, total=6

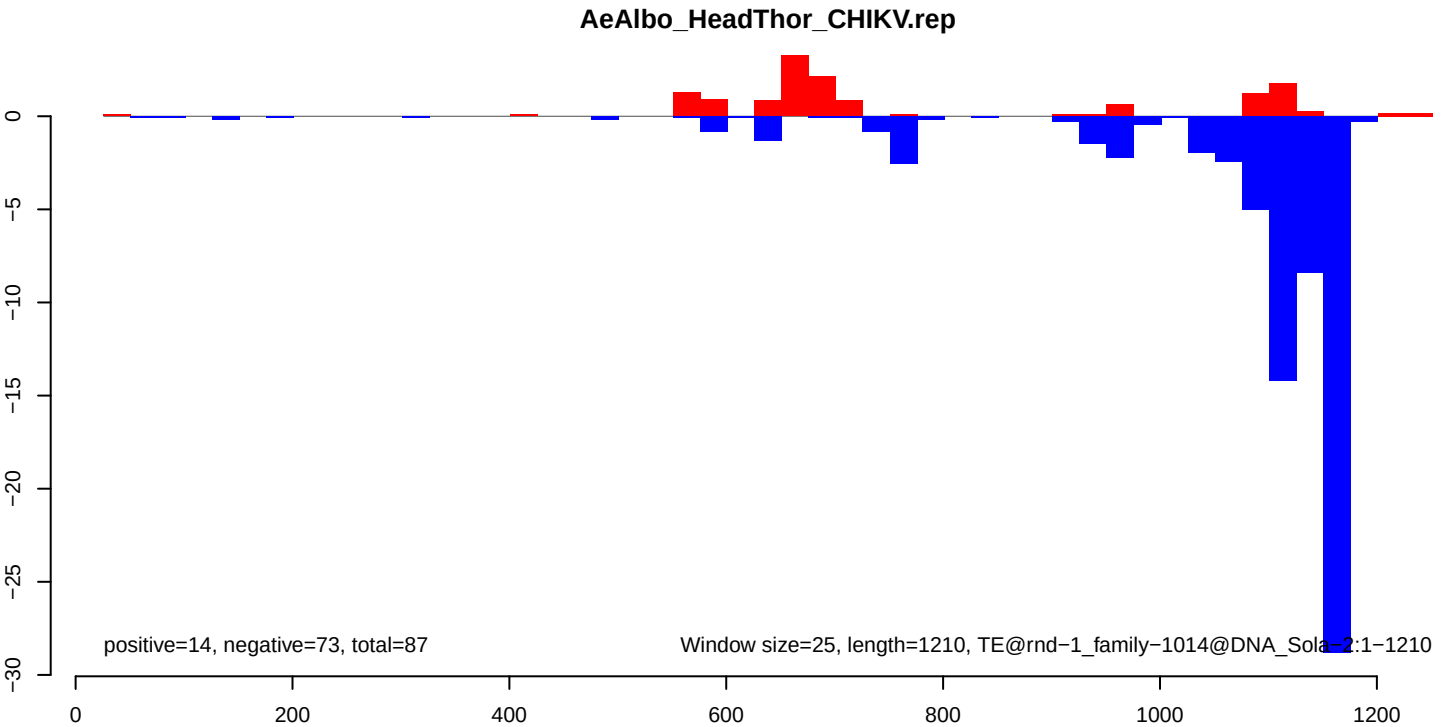

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0

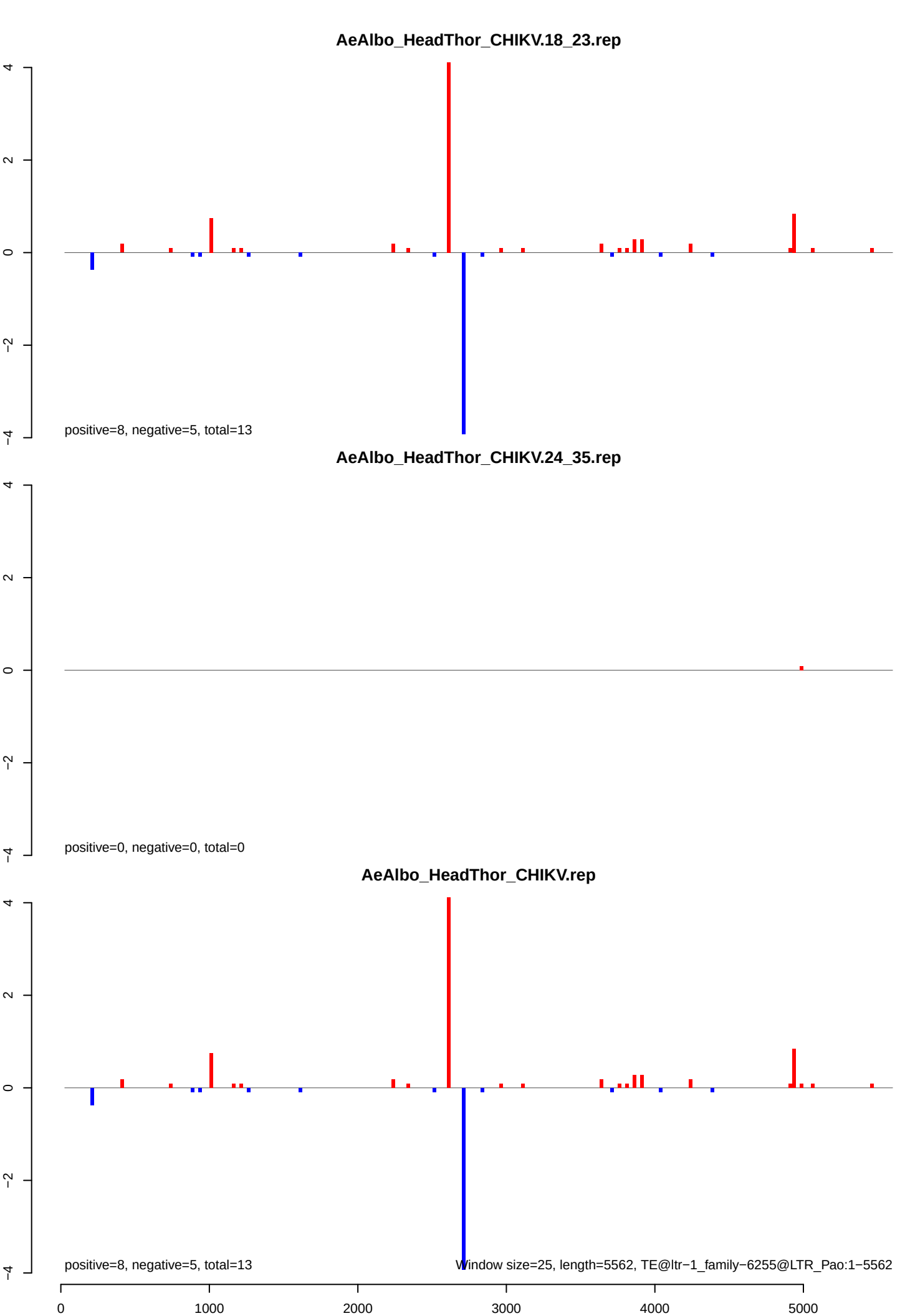

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=5, negative=1, total=6
Window size=25, length=4287, TE@ltr−1_family−3004@LTR_Copia:1−4287
0
1000
2000
3000
4000

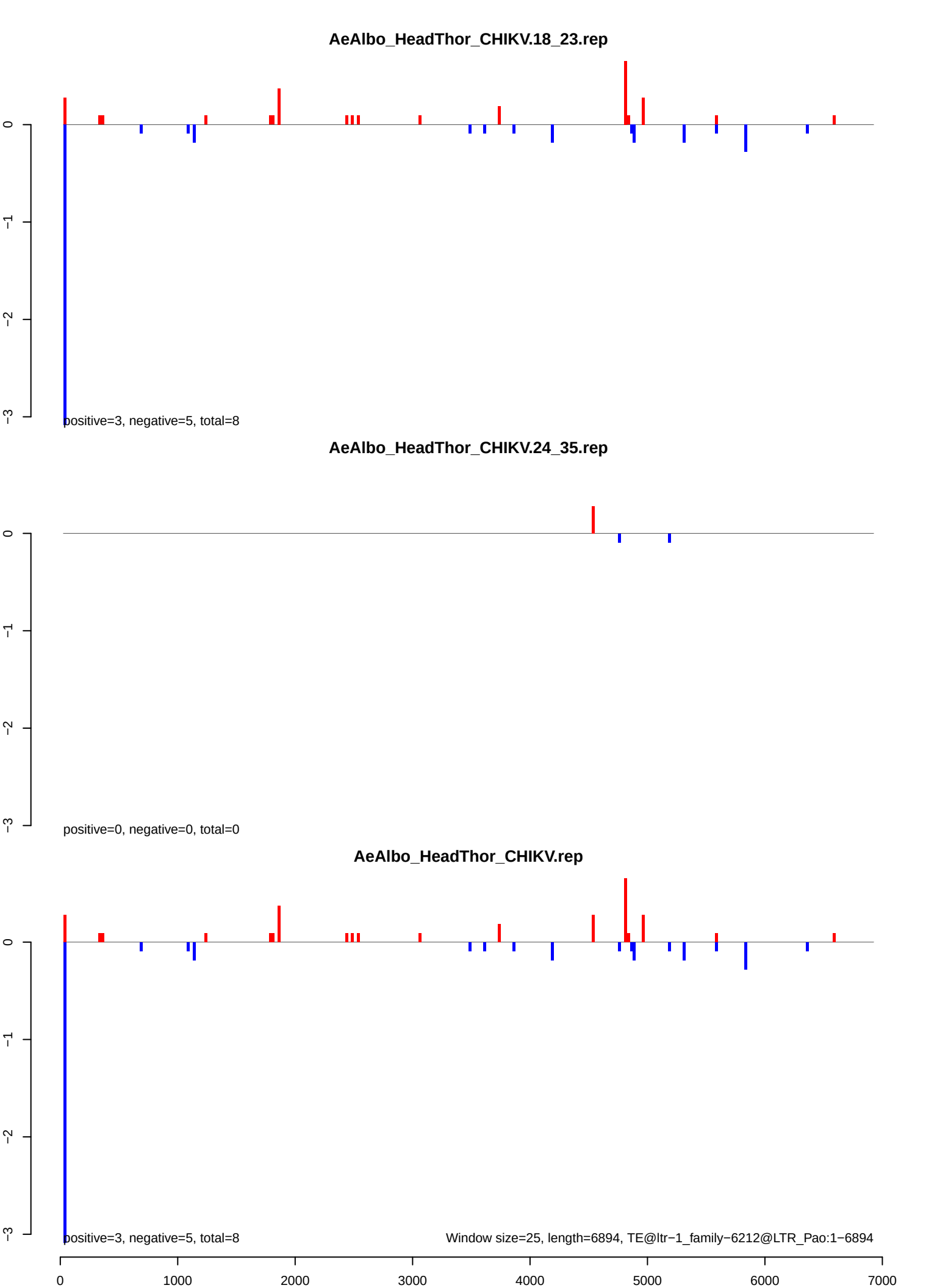

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=7, negative=3, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=7, negative=3, total=10
Window size=25, length=1291, TE@rnd−6_family−4840@Unknown:1−1291
0
200
400
600
800
1000
1200

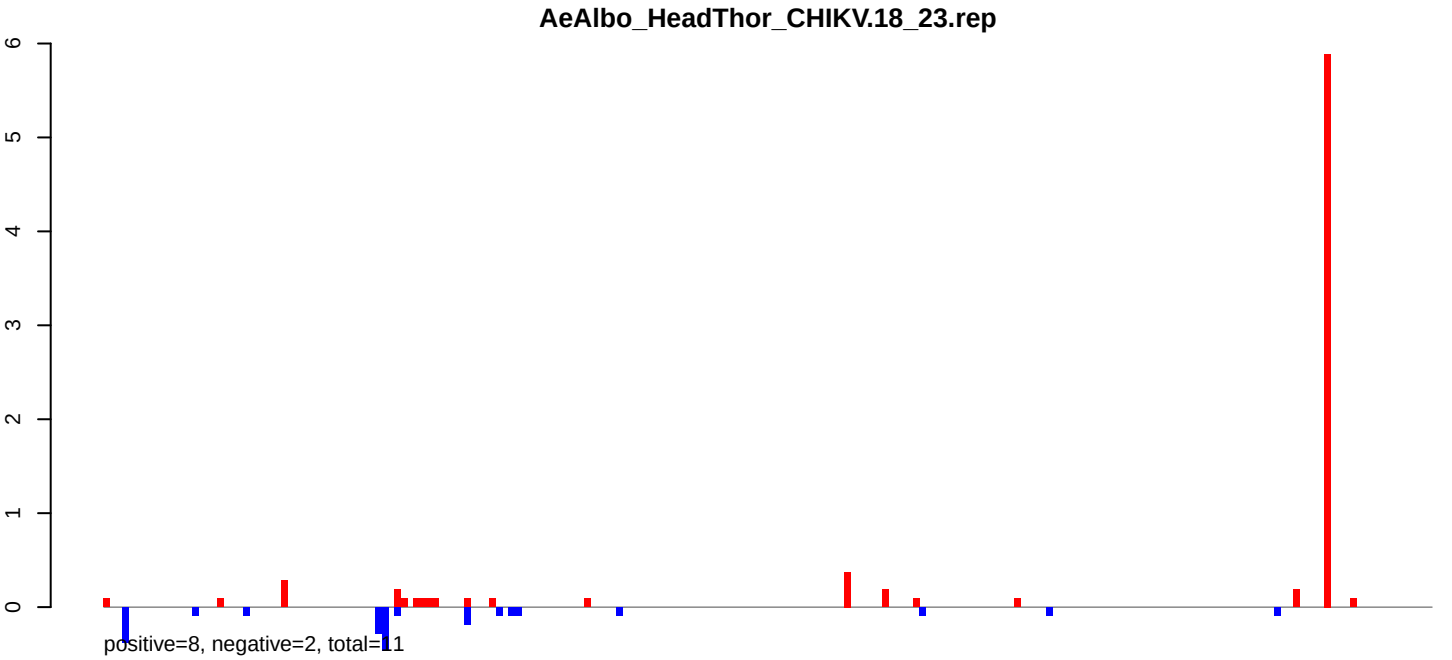

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=10, negative=7, total=17

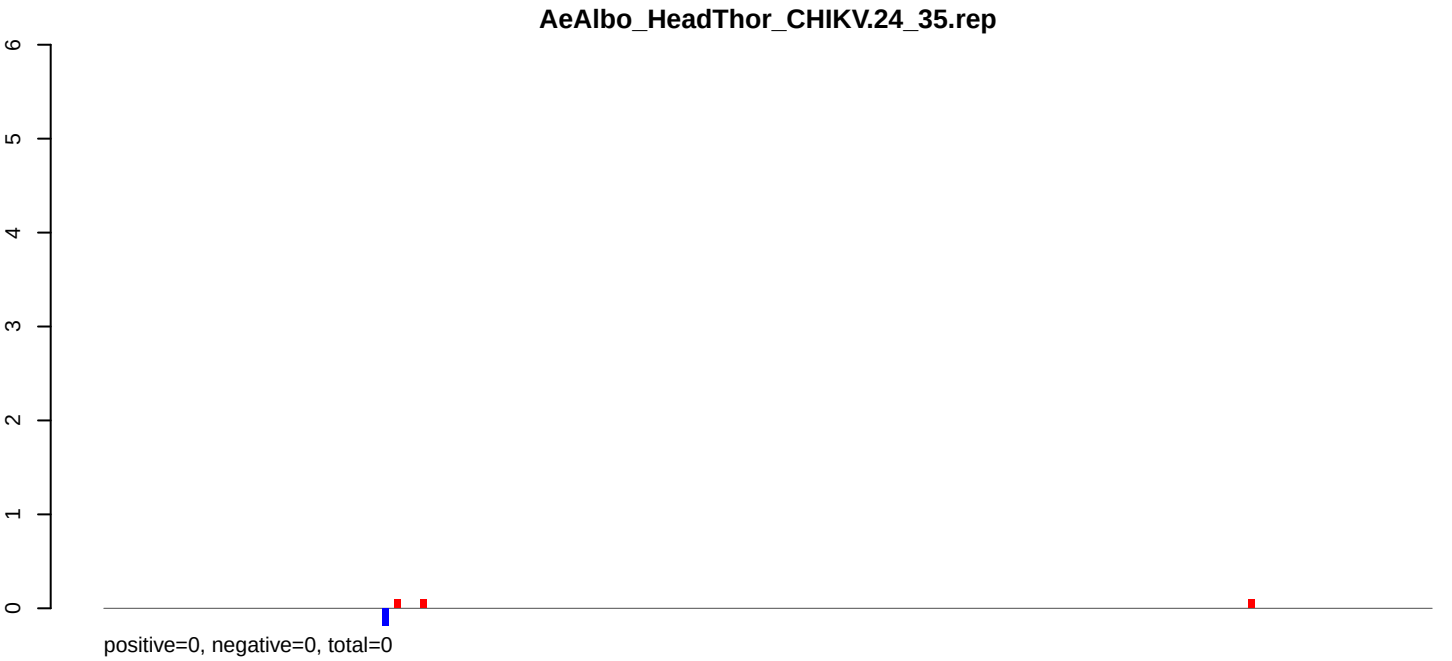

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=5, negative=66, total=70

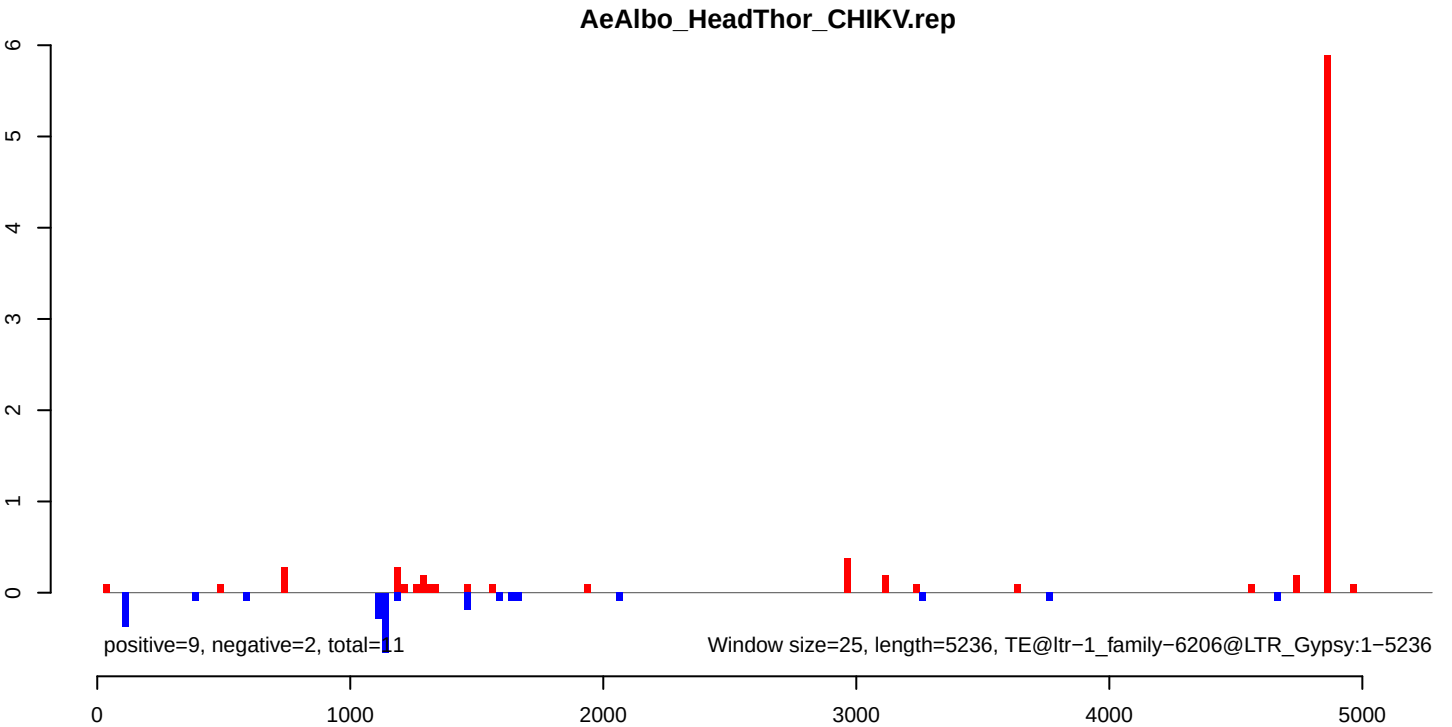

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=14, negative=73, total=87
Window size=25, length=1210, TE@rnd−1_family−1014@DNA_Sola−2:1−1210
0
200
400
600
800
1000
1200

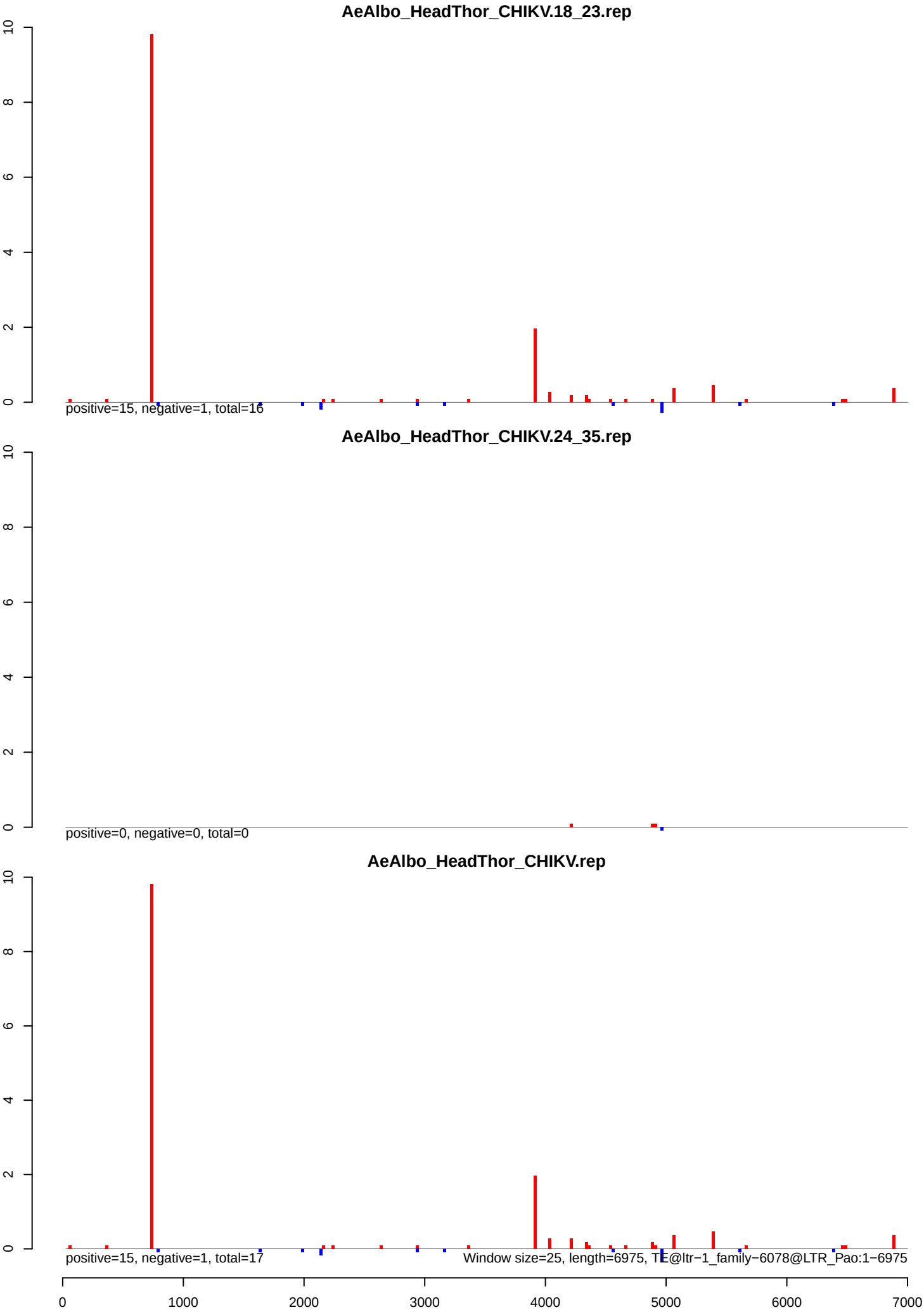

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=5, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=5, total=13
Window size=25, length=5562, TE@ltr−1_family−6255@LTR_Pao:1−5562
0
1000
2000
3000
4000
5000

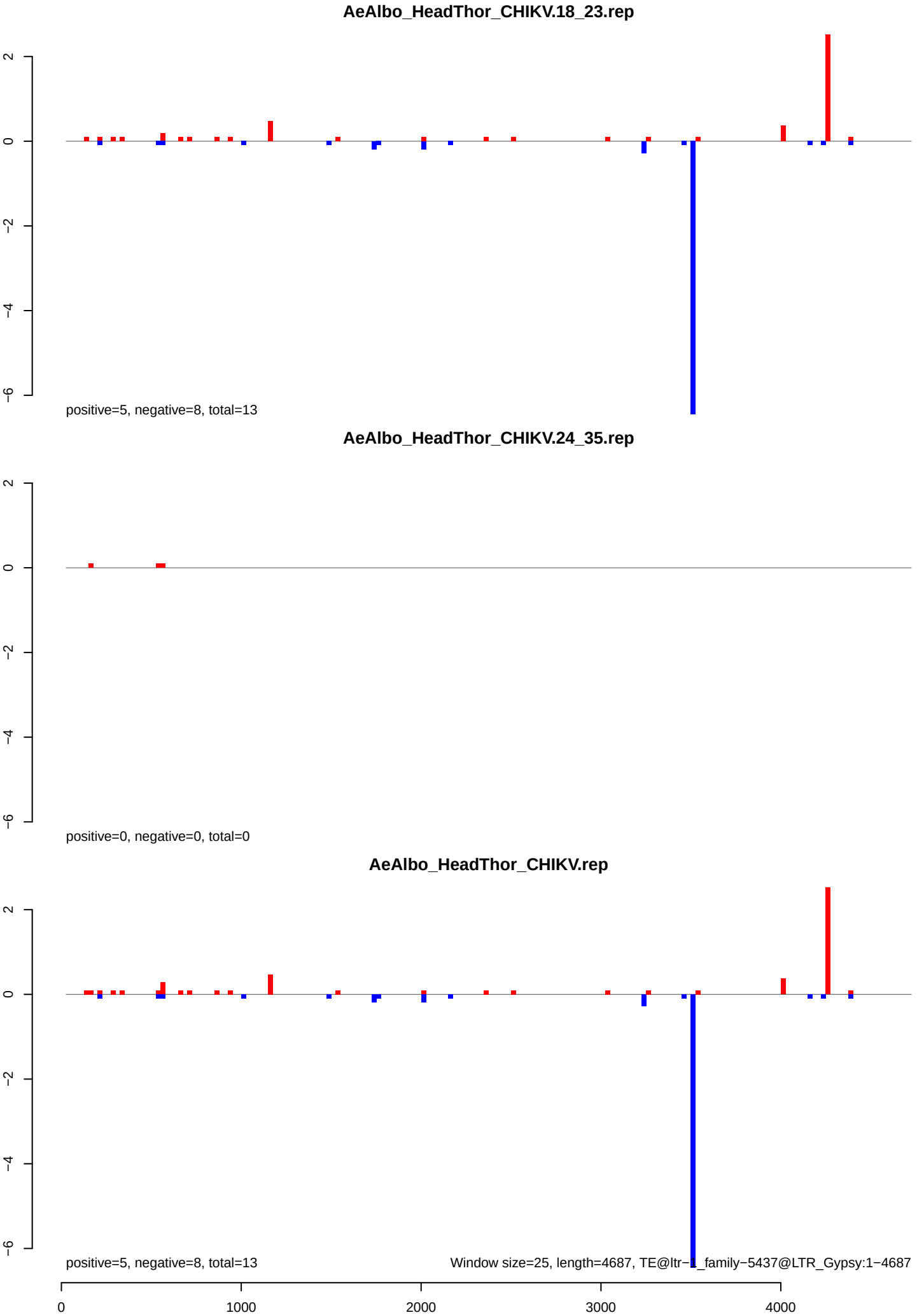

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=3, negative=5, total=8
Window size=25, length=6894, TE@ltr−1_family−6212@LTR_Pao:1−6894
0
1000
2000
3000
4000
5000
6000
7000

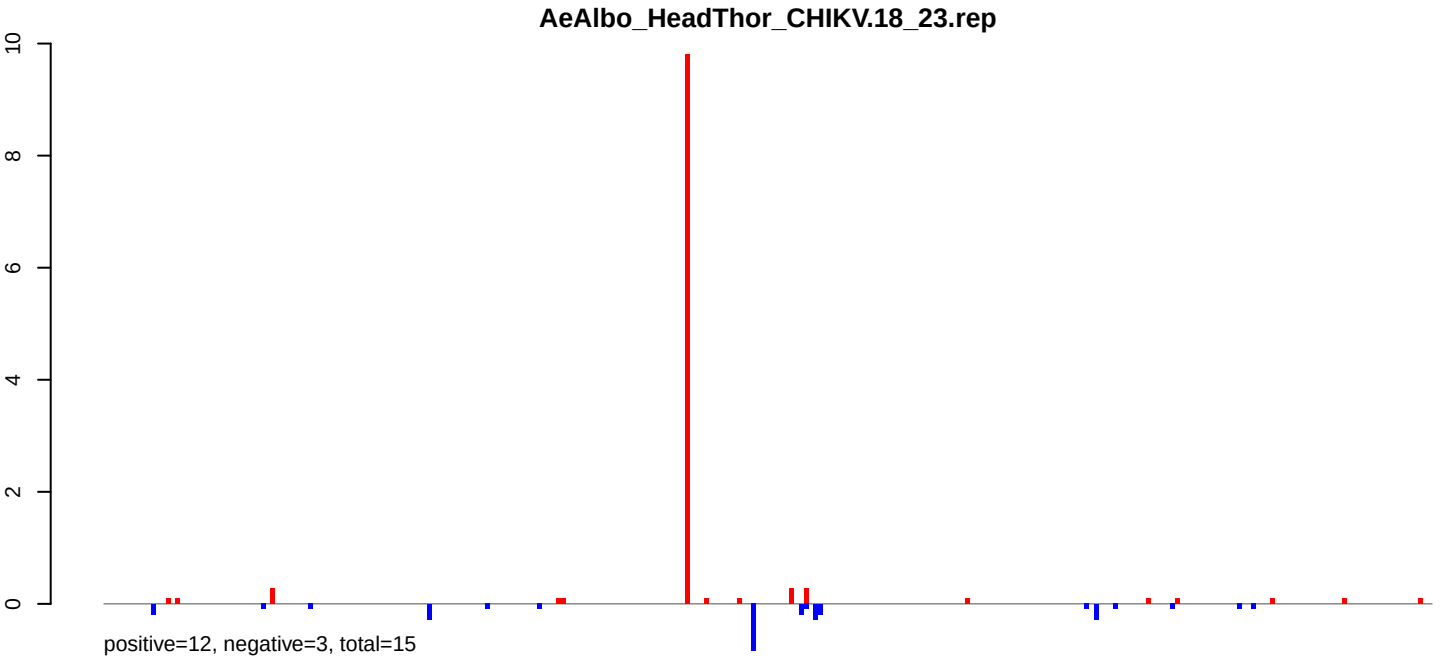

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
6
positive=8, negative=2, total=11

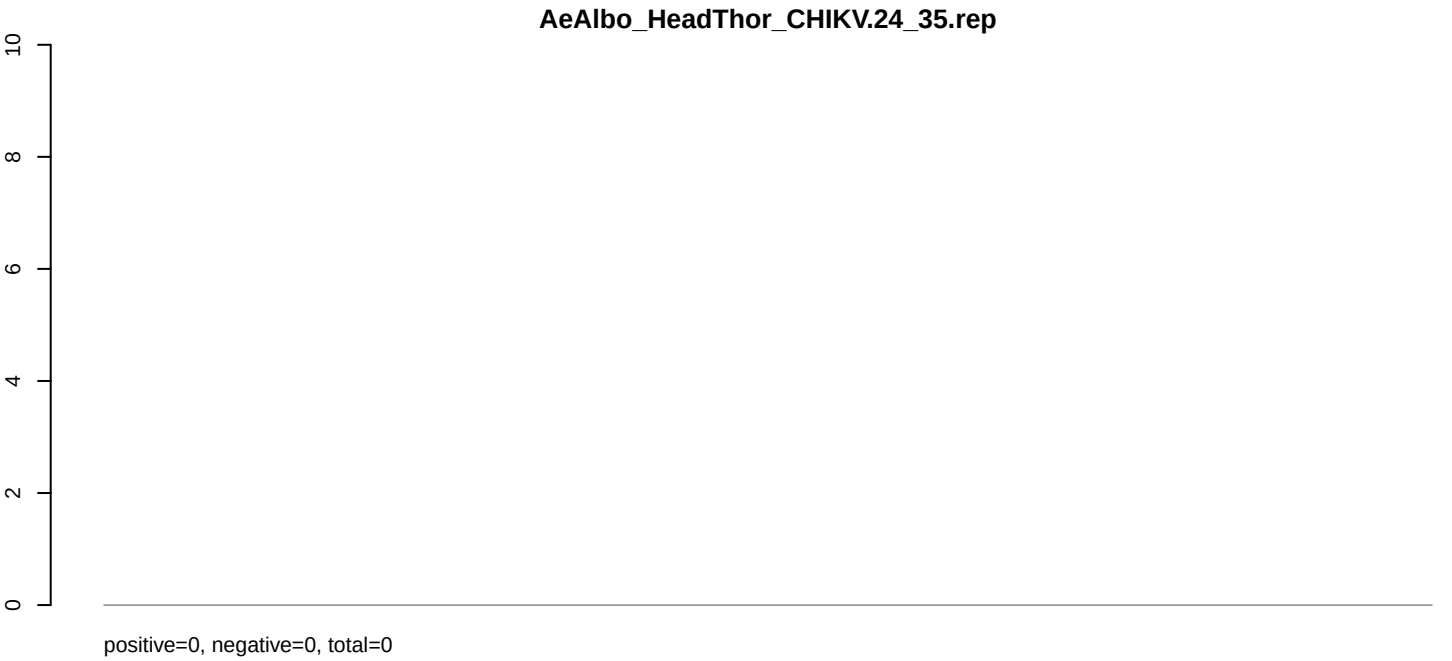

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
6
positive=0, negative=0, total=0

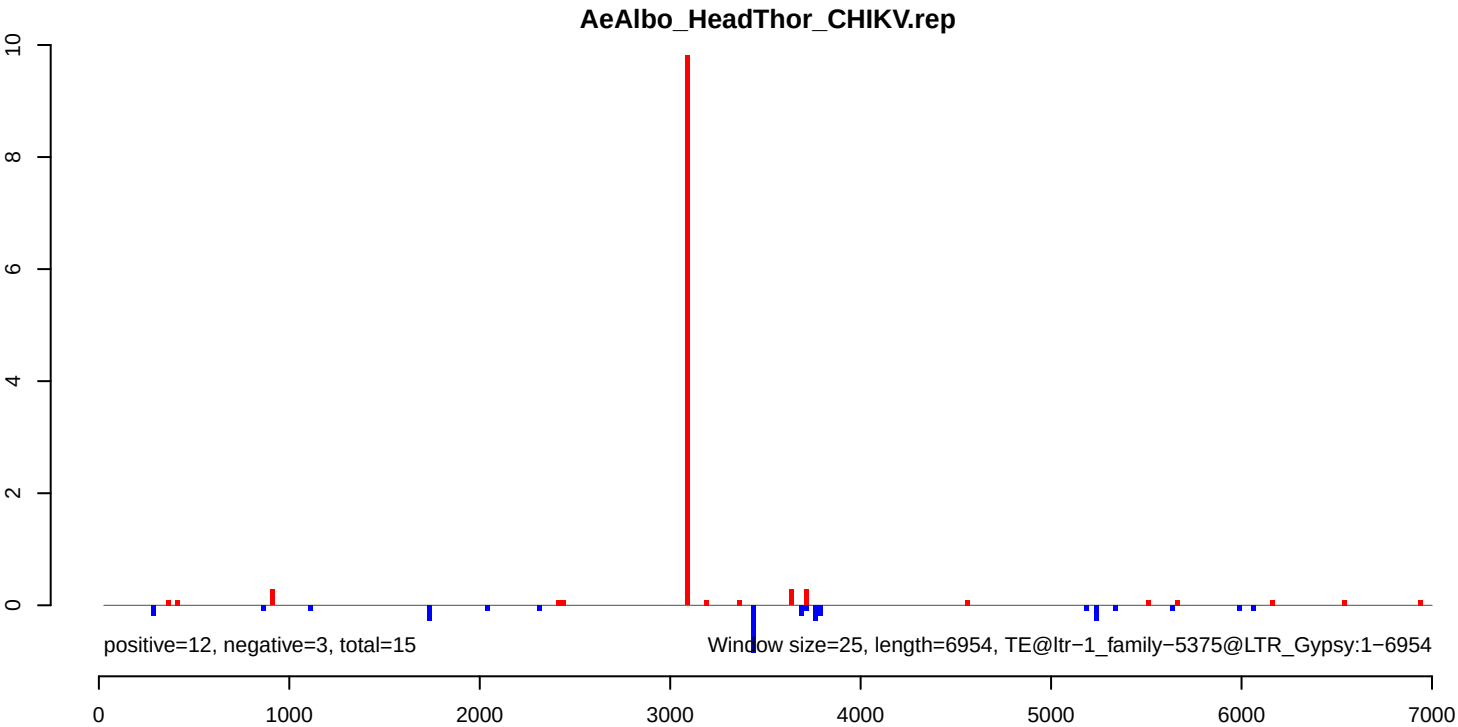

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
6
positive=9, negative=2, total=11
Window size=25, length=5236, TE@ltr−1_family−6206@LTR_Gypsy:1−5236
0
1000
2000
3000
4000
5000

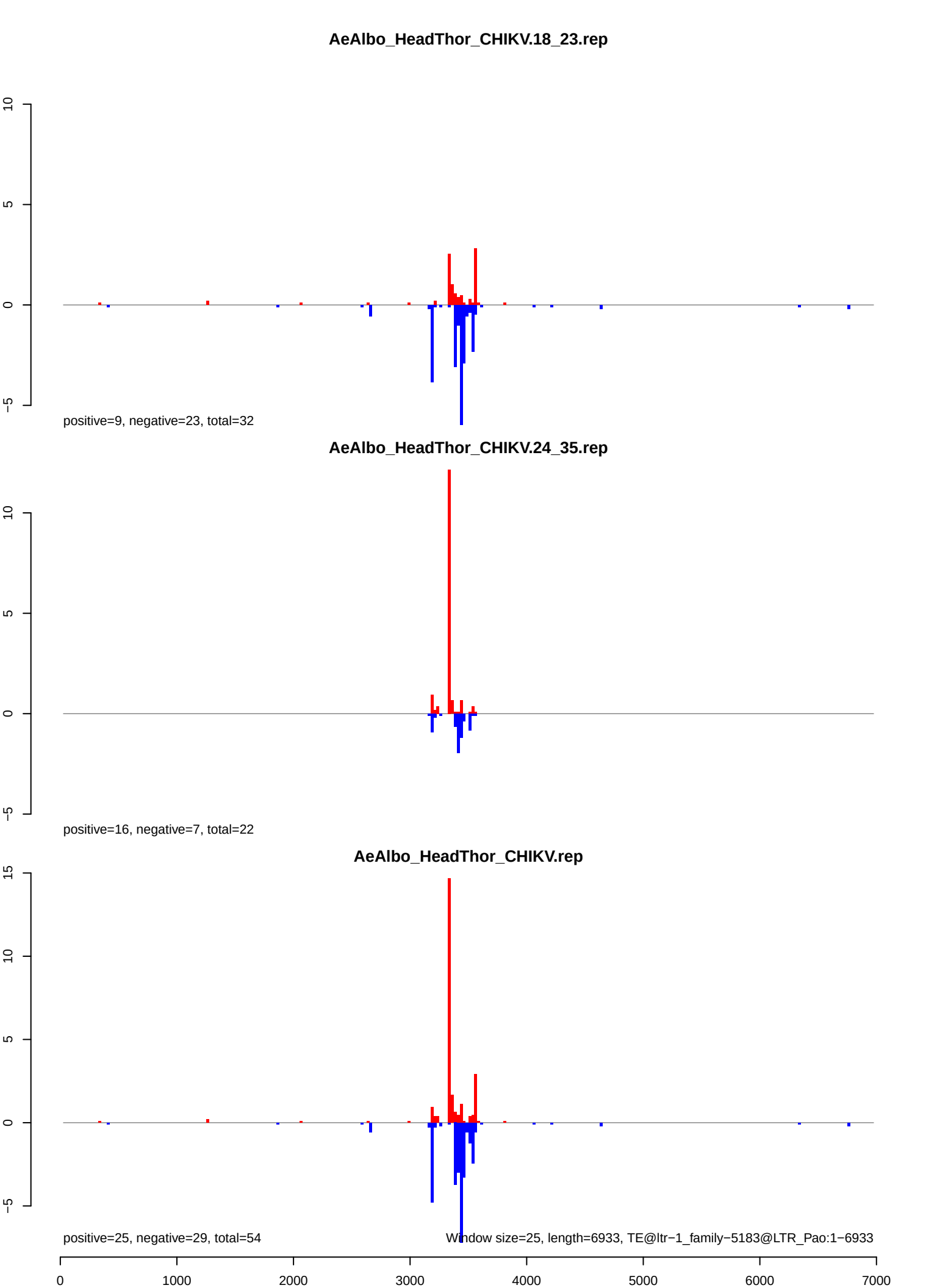

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=15, negative=1, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=1, total=17
Window size=25, length=6975, TE@ltr−1_family−6078@LTR_Pao:1−6975
0
1000
2000
3000
4000
5000
6000
7000

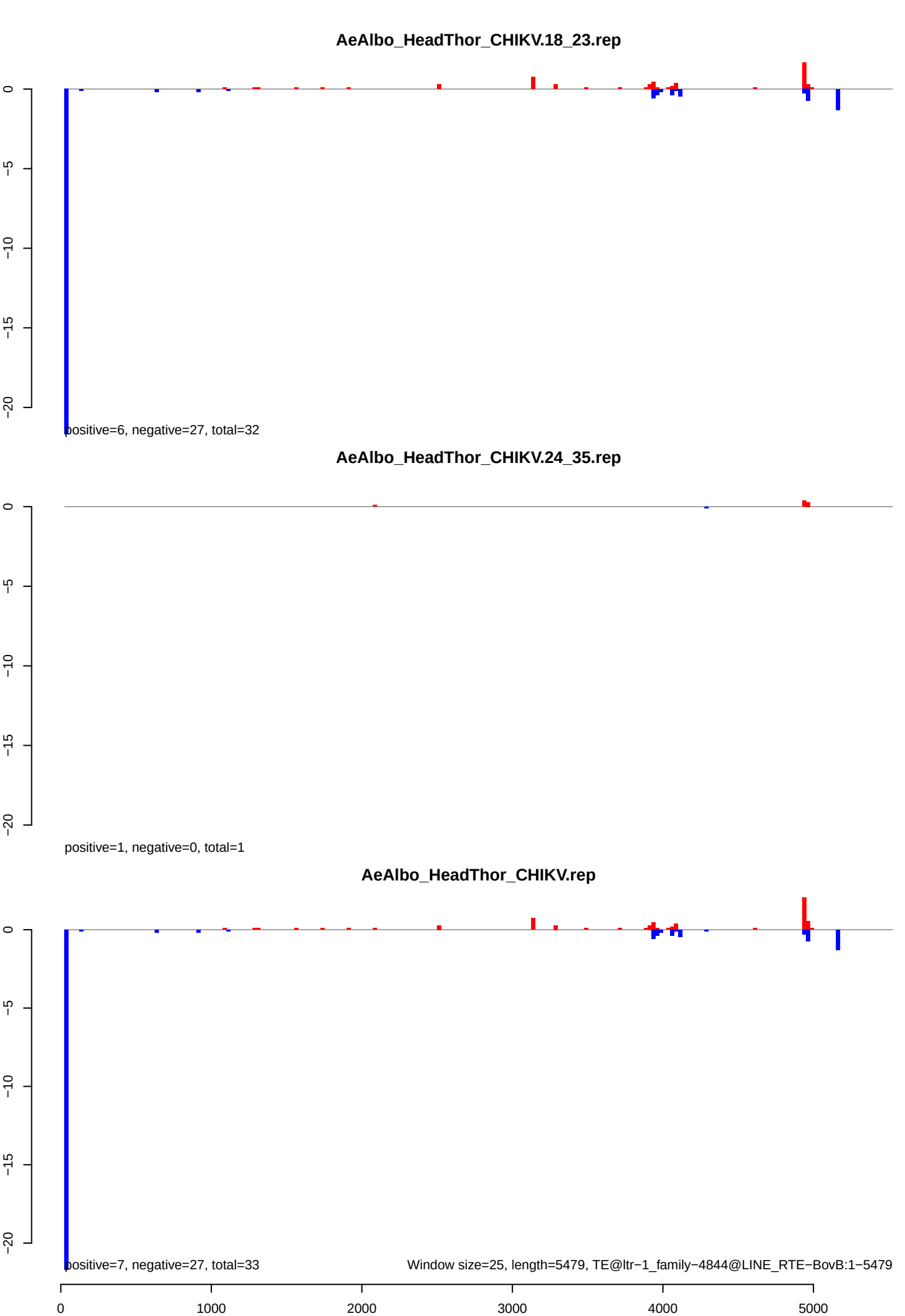

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
−6
positive=5, negative=8, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
−6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
−6
positive=5, negative=8, total=13
Window size=25, length=4687, TE@ltr−1_family−5437@LTR_Gypsy:1−4687
0
1000
2000
3000
4000

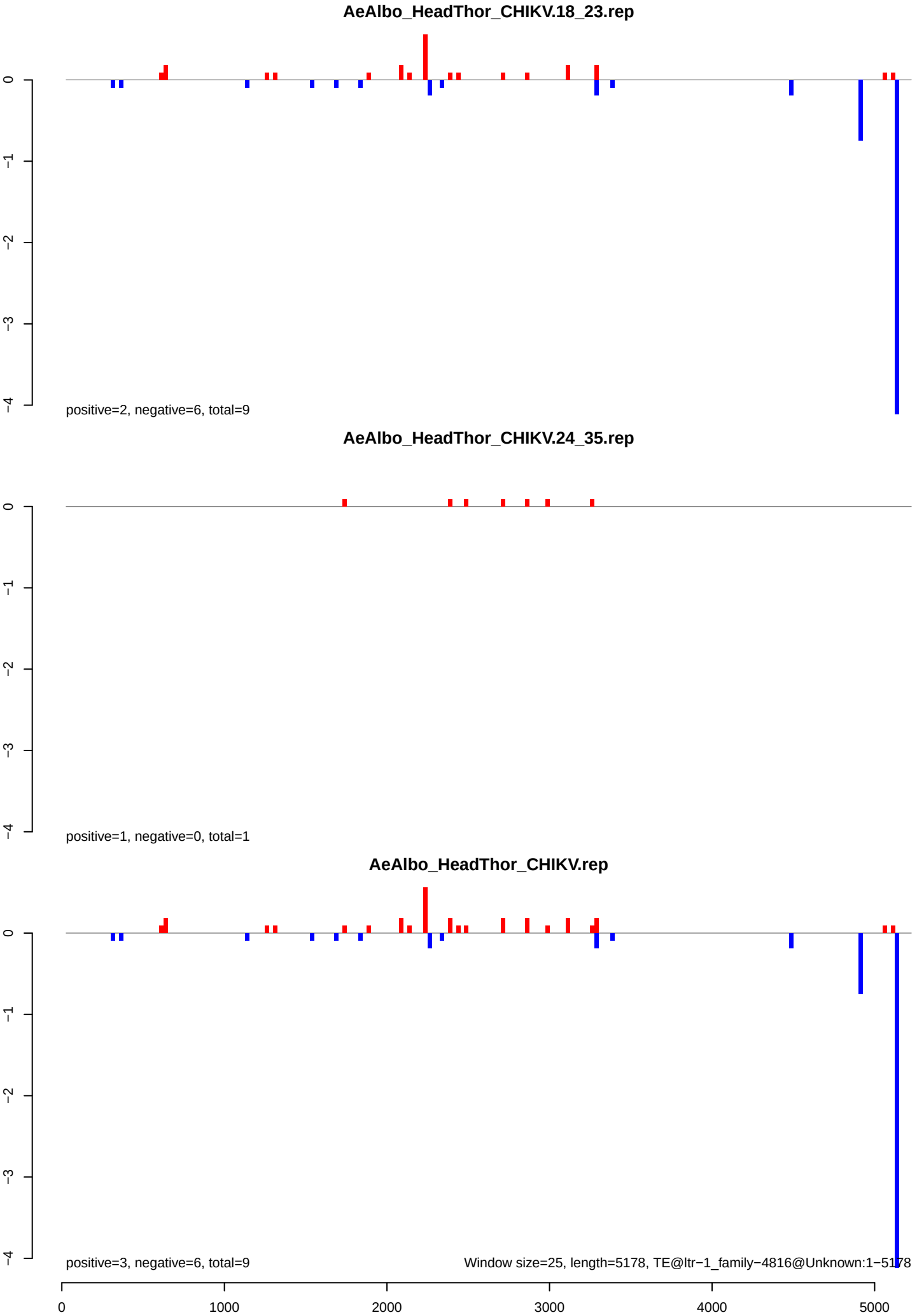

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
10
positive=12, negative=3, total=15

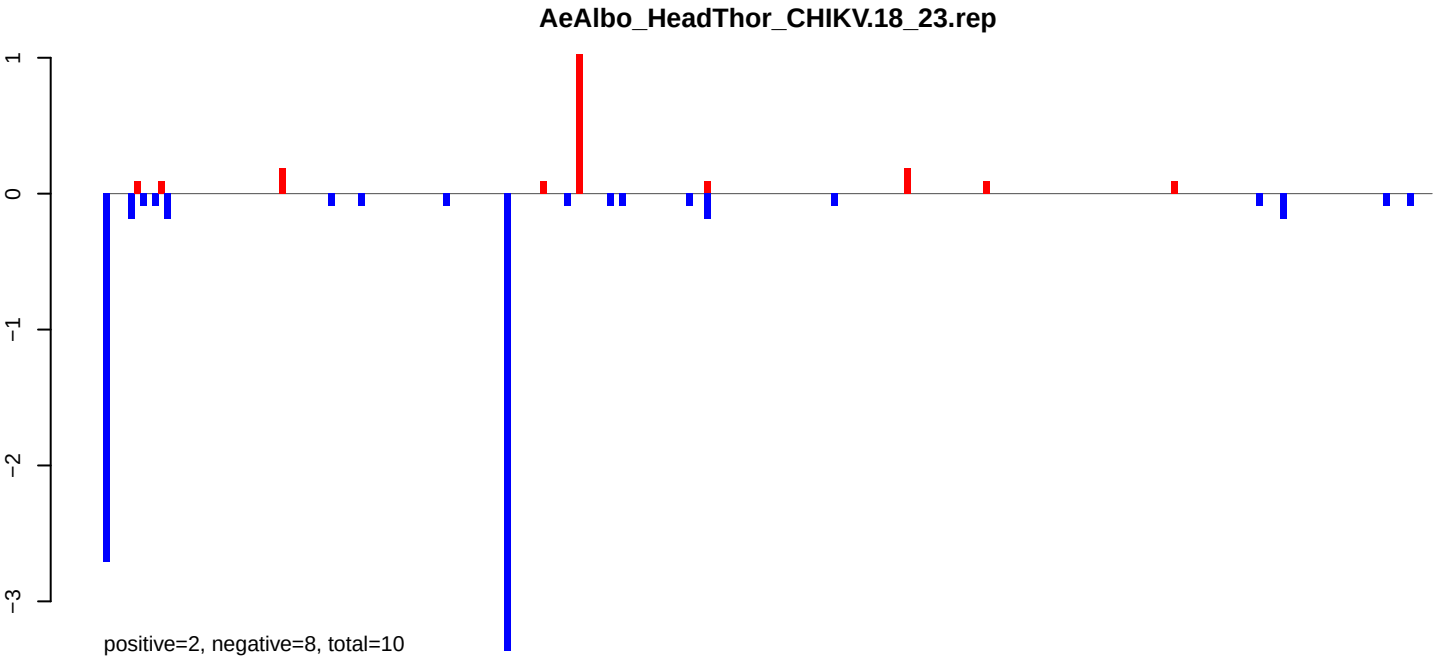

AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
10
positive=0, negative=0, total=0

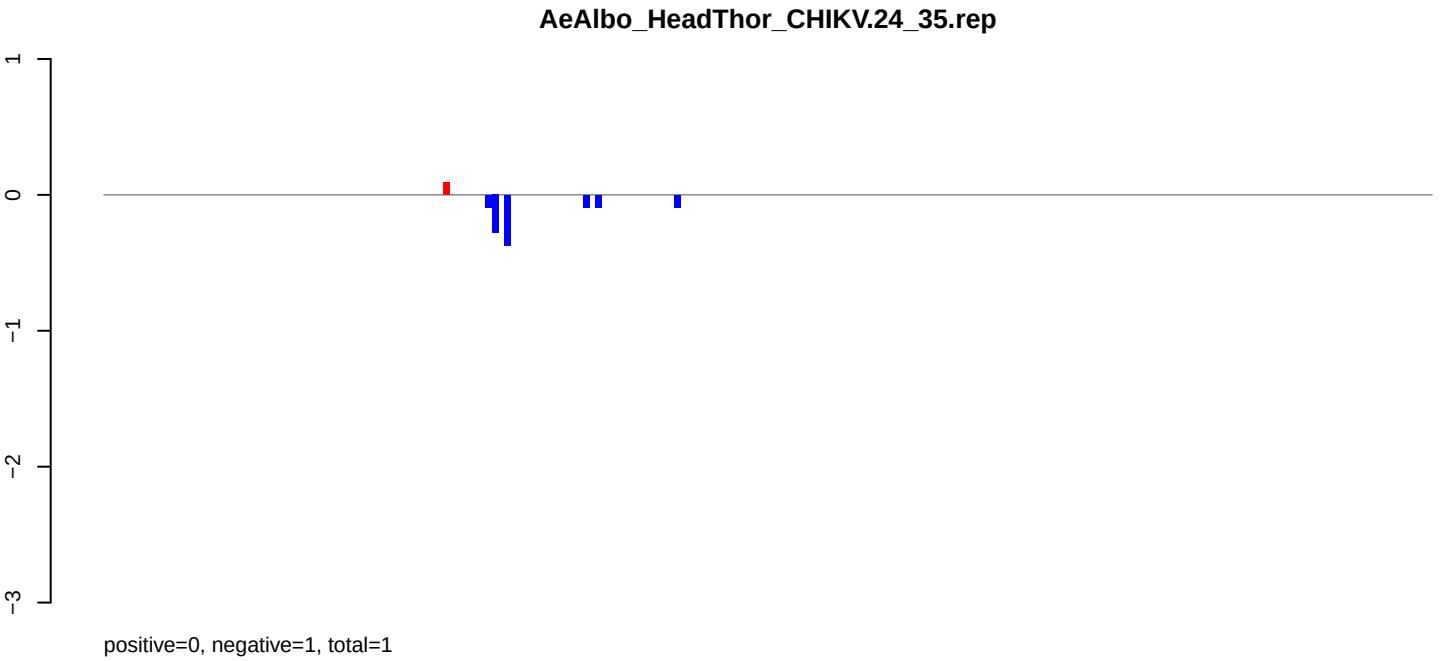

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
10
positive=12, negative=3, total=15
Window size=25, length=6954, TE@ltr−1_family−5375@LTR_Gypsy:1−6954
0
1000
2000
3000
4000
5000
6000
7000

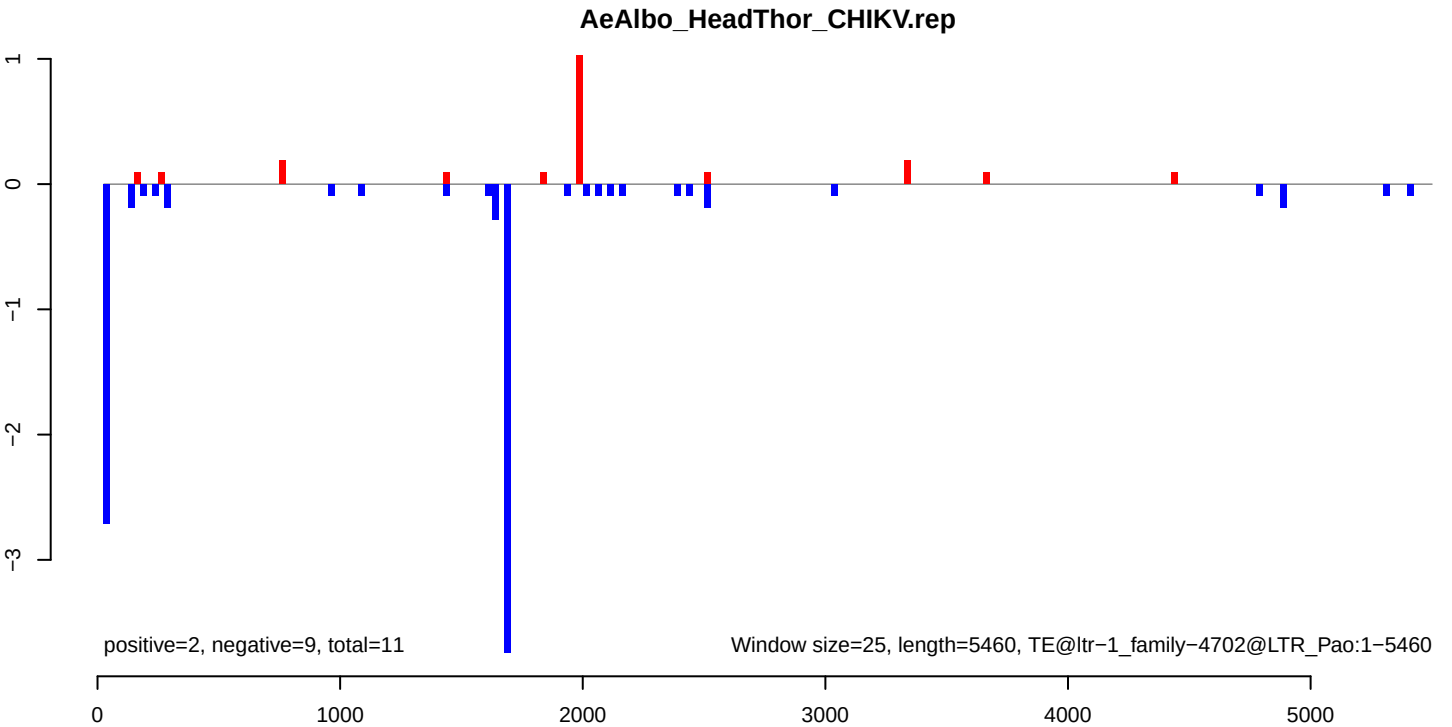

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=9, negative=23, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=16, negative=7, total=22
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
positive=25, negative=29, total=54
Window size=25, length=6933, TE@ltr−1_family−5183@LTR_Pao:1−6933
0
1000
2000
3000
4000
5000
6000
7000

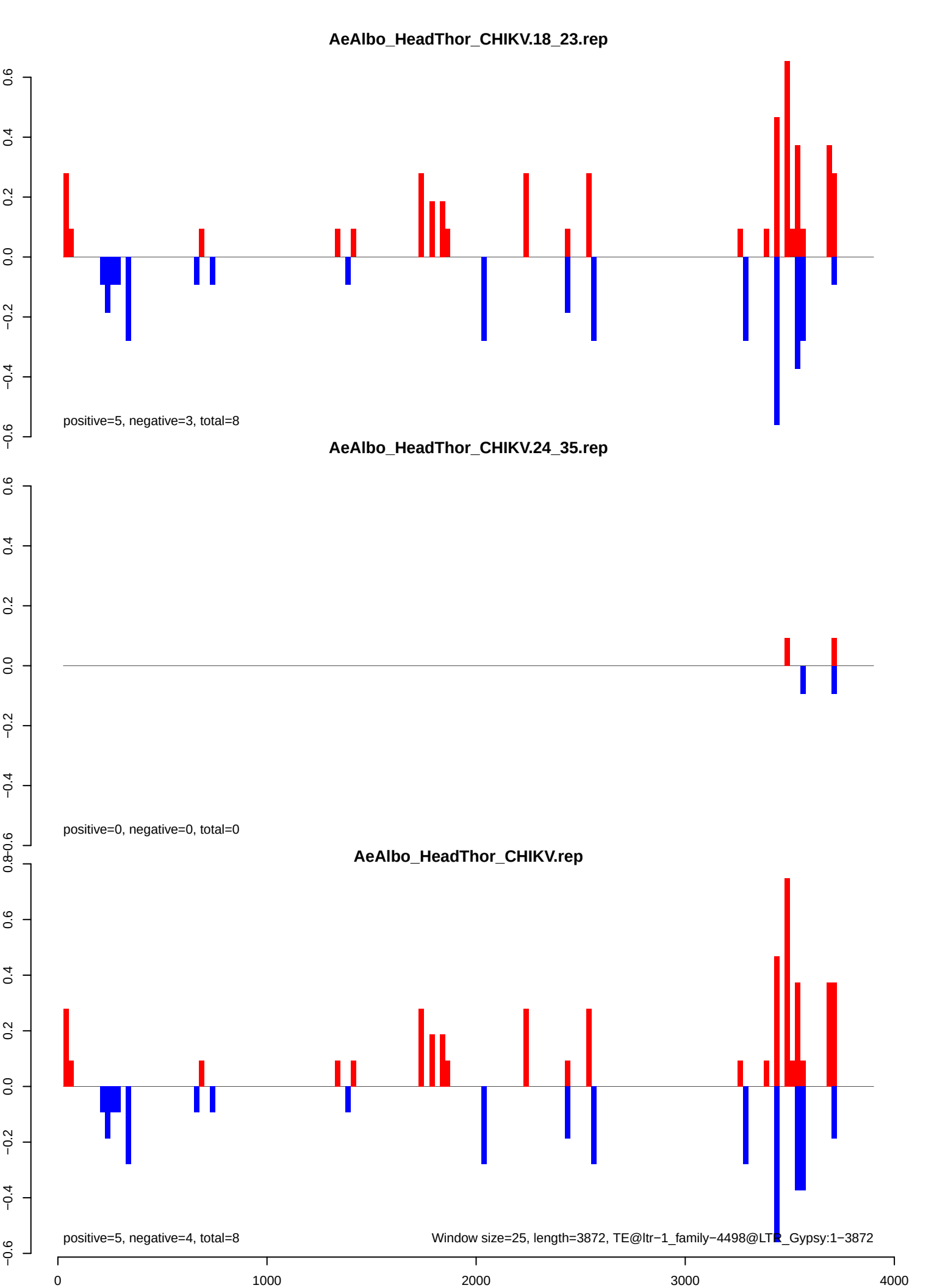

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=6, negative=27, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=7, negative=27, total=33
Window size=25, length=5479, TE@ltr−1_family−4844@LINE_RTE−BovB:1−5479
0
1000
2000
3000
4000
5000

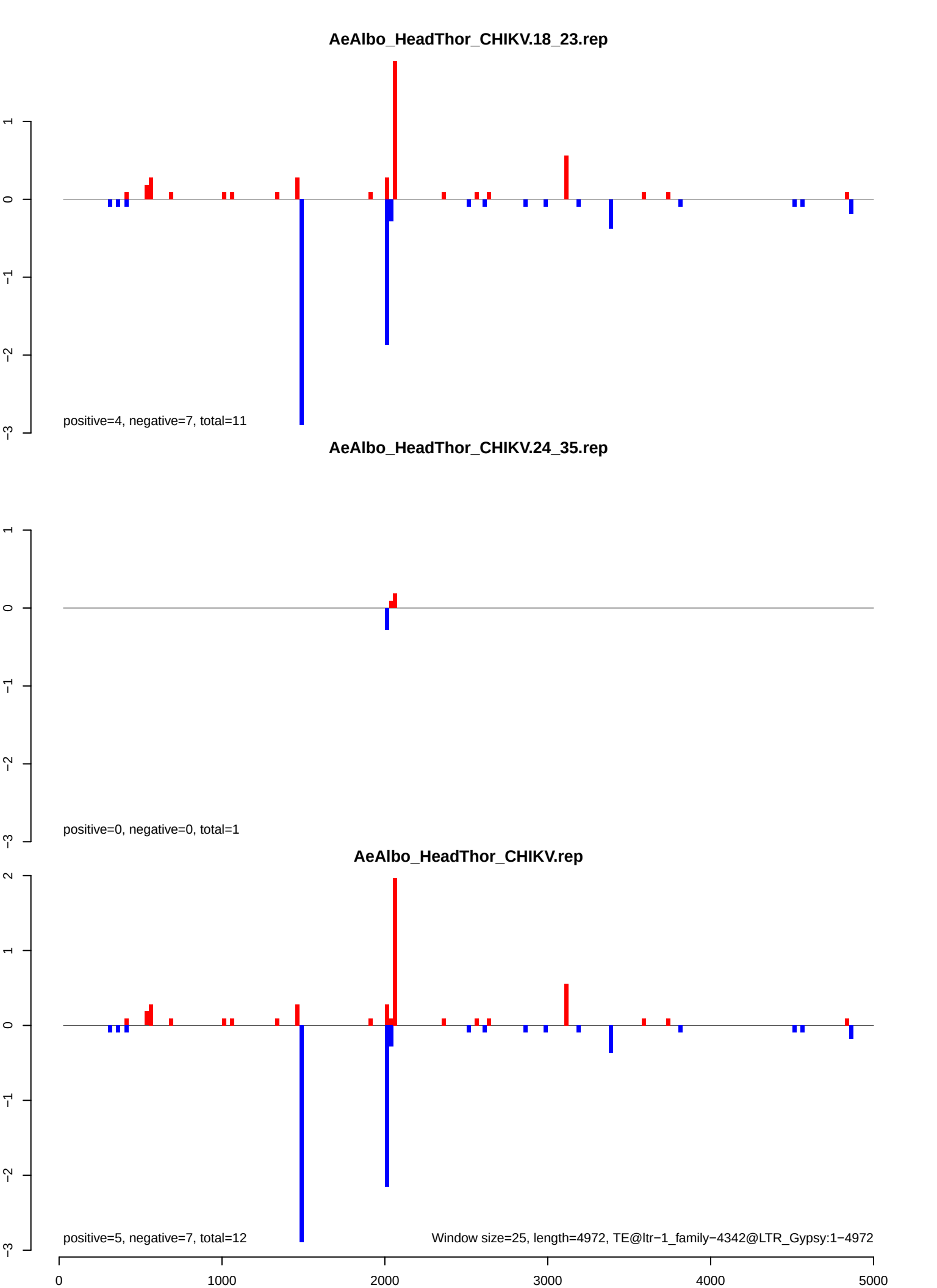

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=2, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=3, negative=6, total=9
Window size=25, length=5178, TE@ltr−1_family−4816@Unknown:1−5178
0
1000
2000
3000
4000
5000

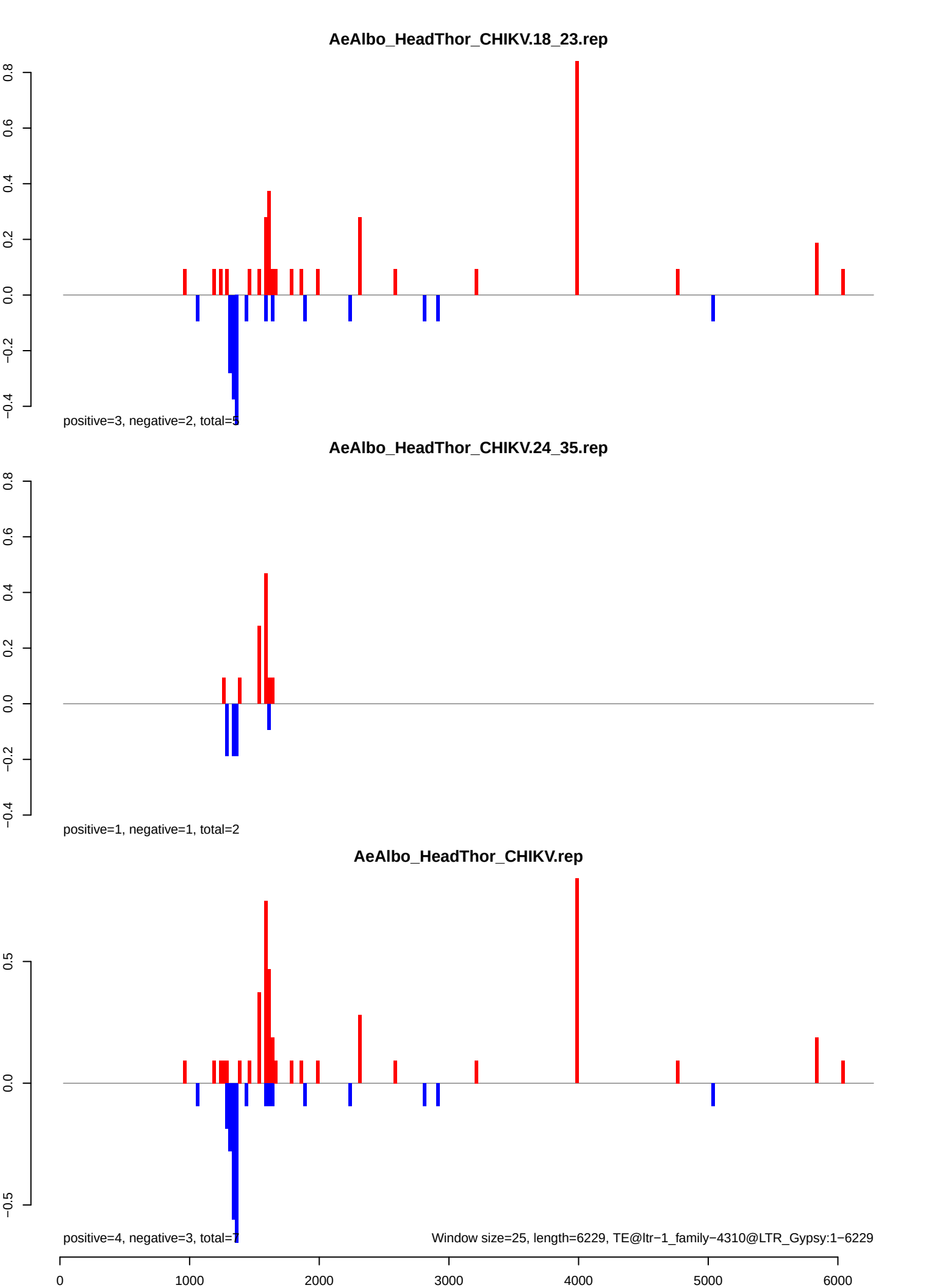

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
positive=2, negative=8, total=10

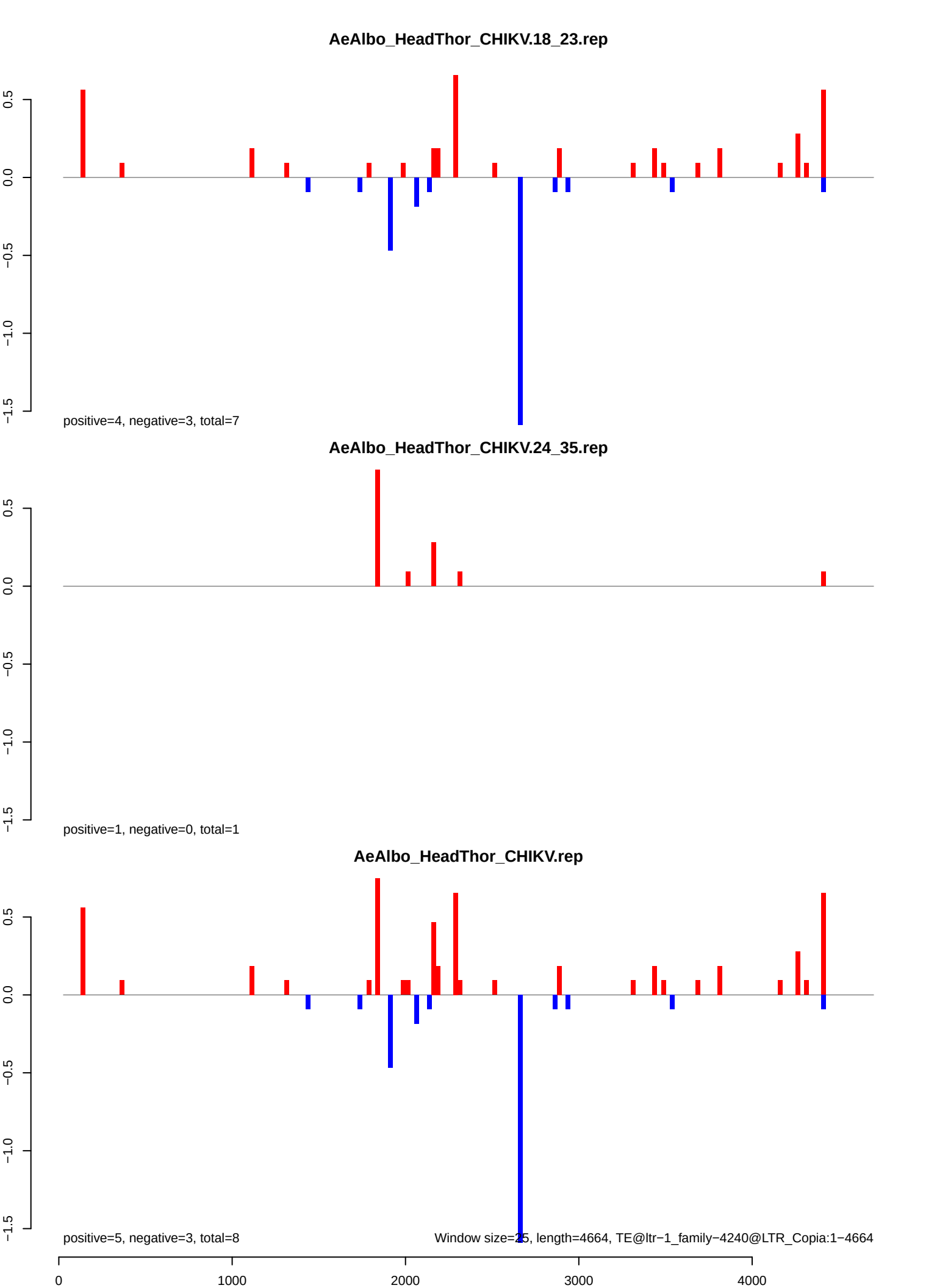

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
positive=0, negative=1, total=1

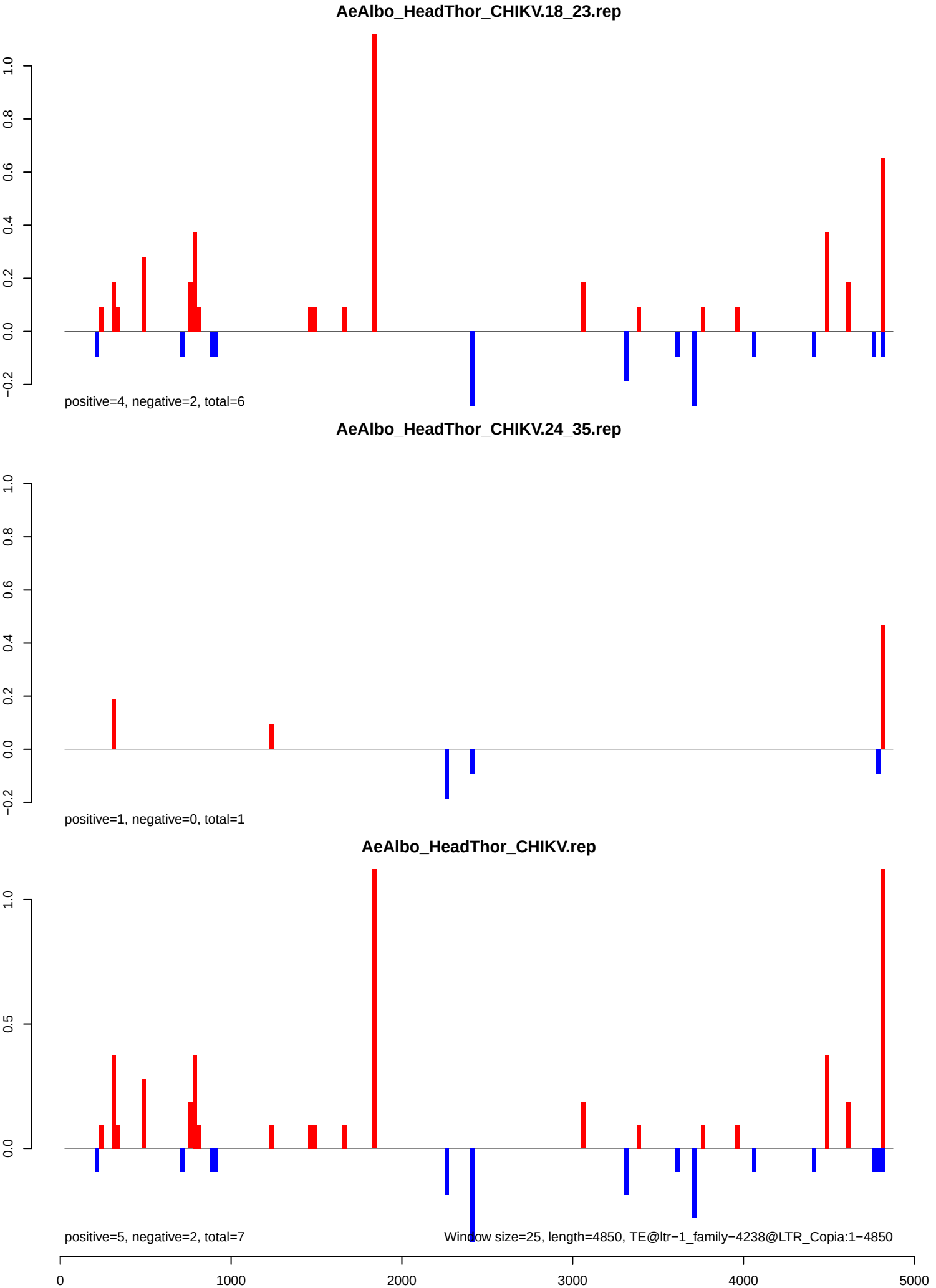

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
positive=2, negative=9, total=11
Window size=25, length=5460, TE@ltr−1_family−4702@LTR_Pao:1−5460
0
1000
2000
3000
4000
5000

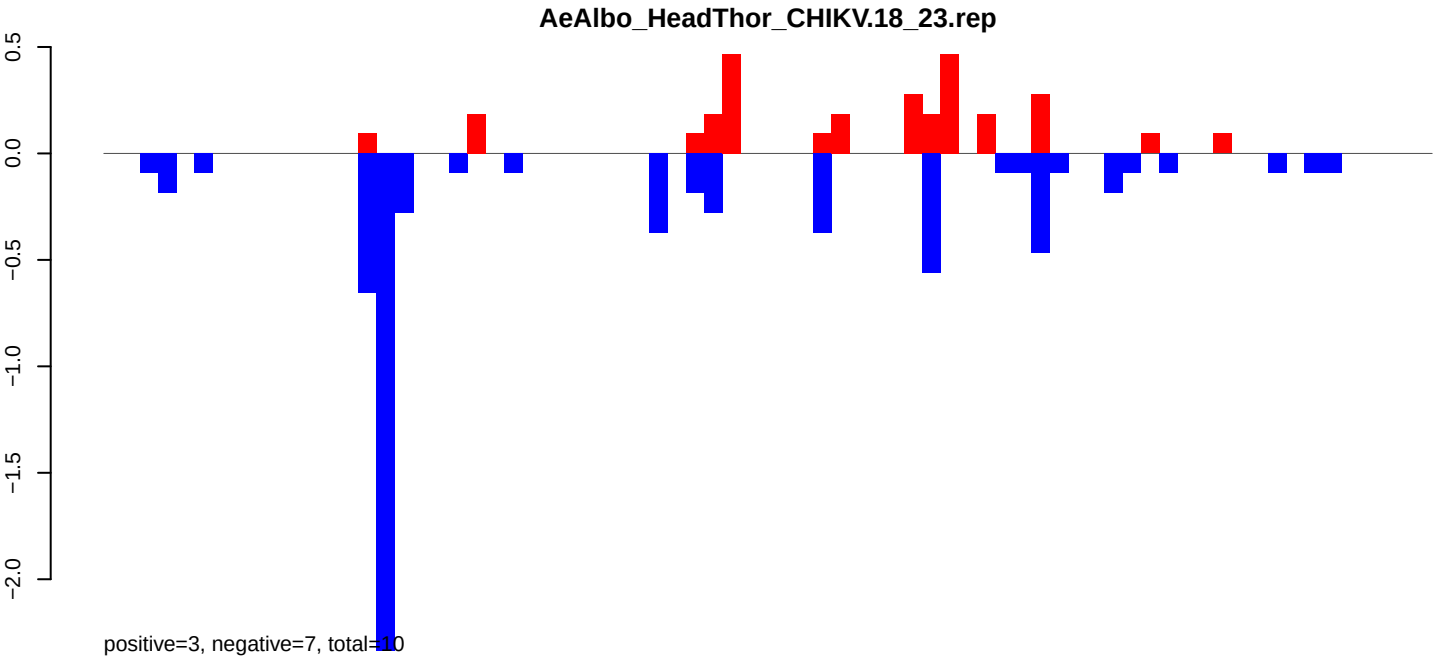

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=3, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=4, total=8
Window size=25, length=3872, TE@ltr−1_family−4498@LTR_Gypsy:1−3872
0
1000
2000
3000
4000

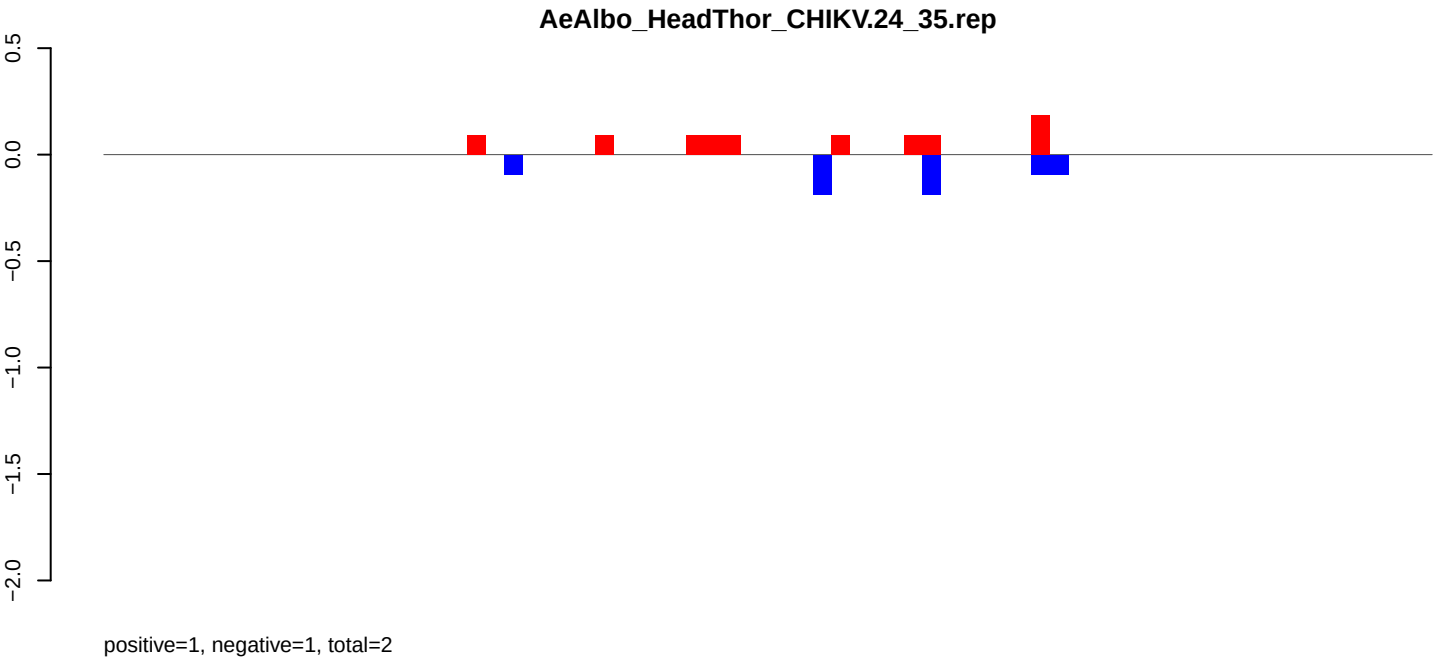

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=7, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=7, total=12
Window size=25, length=4972, TE@ltr−1_family−4342@LTR_Gypsy:1−4972
0
1000
2000
3000
4000
5000

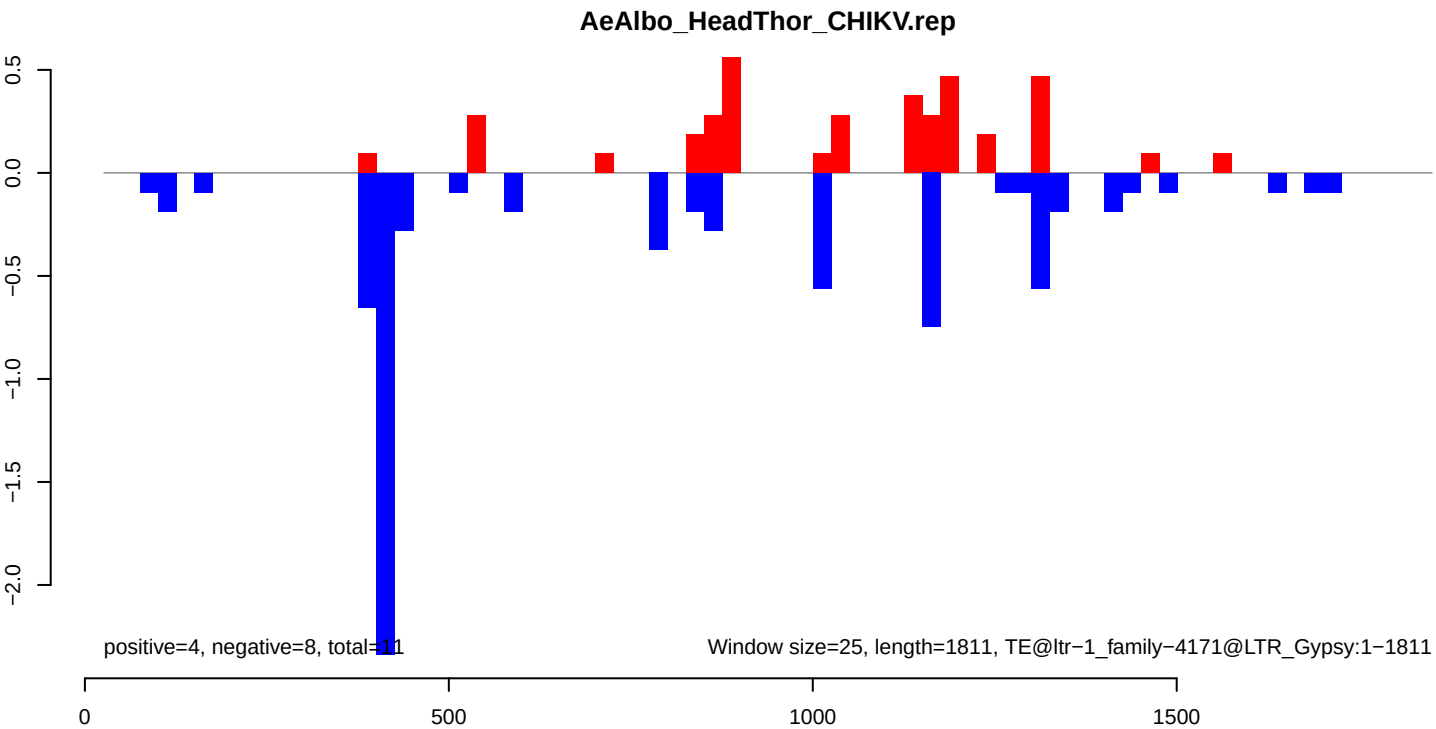

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=4, negative=3, total=7
Window size=25, length=6229, TE@ltr−1_family−4310@LTR_Gypsy:1−6229
0
1000
2000
3000
4000
5000
6000

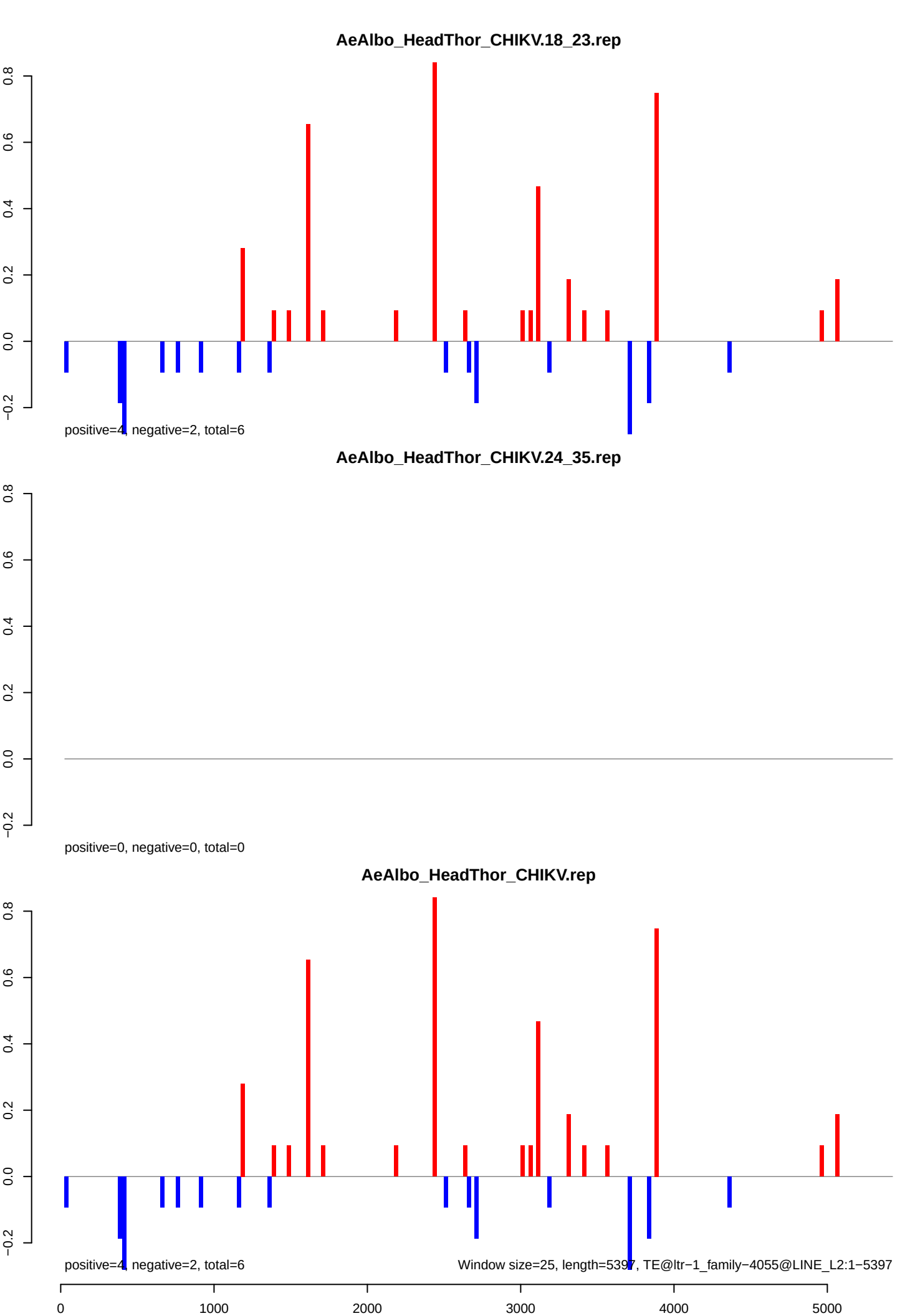

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=3, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=5, negative=3, total=8
Window size=25, length=4664, TE@ltr−1_family−4240@LTR_Copia:1−4664
0
1000
2000
3000
4000

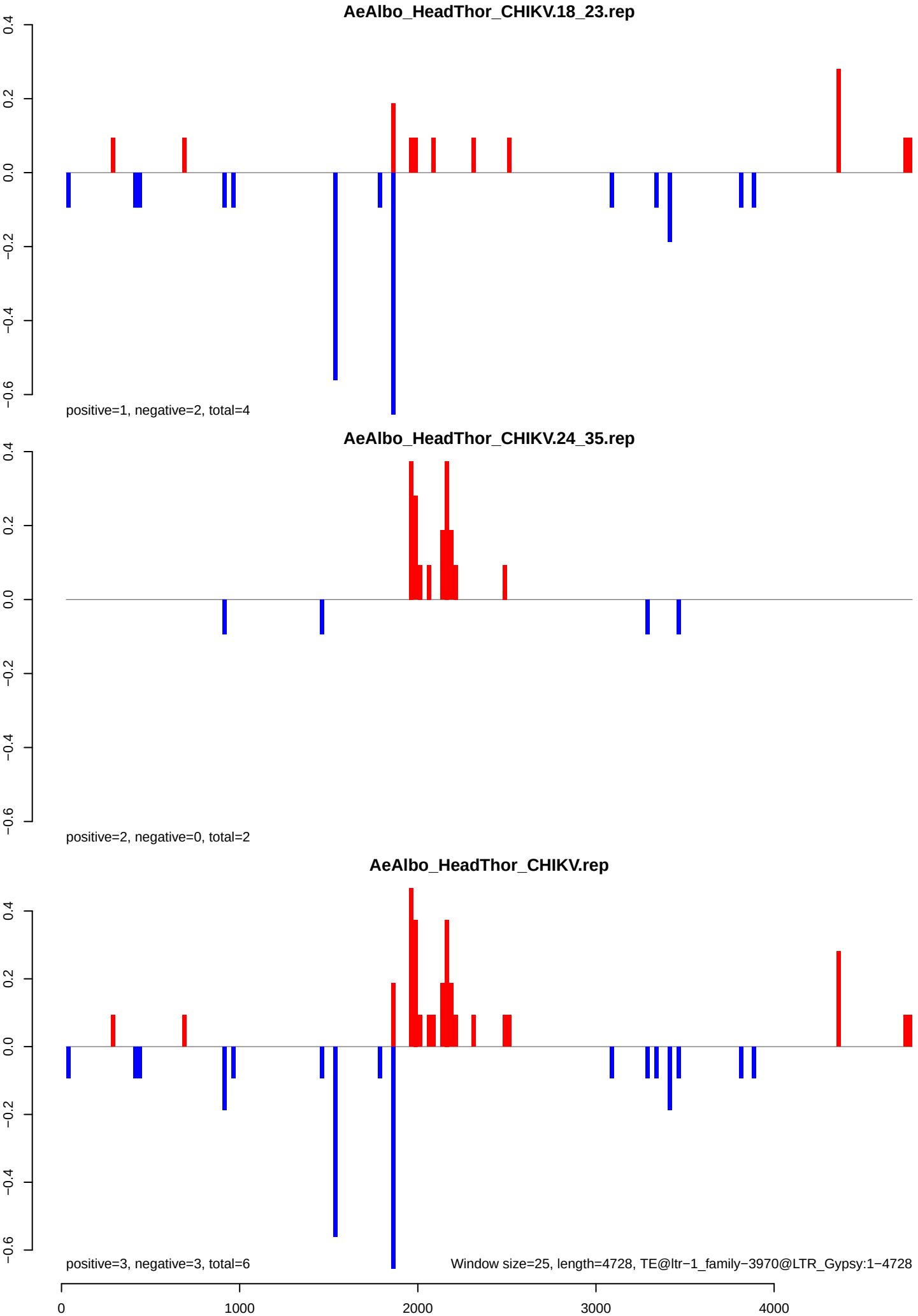

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=5, negative=2, total=7
Window size=25, length=4850, TE@ltr−1_family−4238@LTR_Copia:1−4850
0
1000
2000
3000
4000
5000

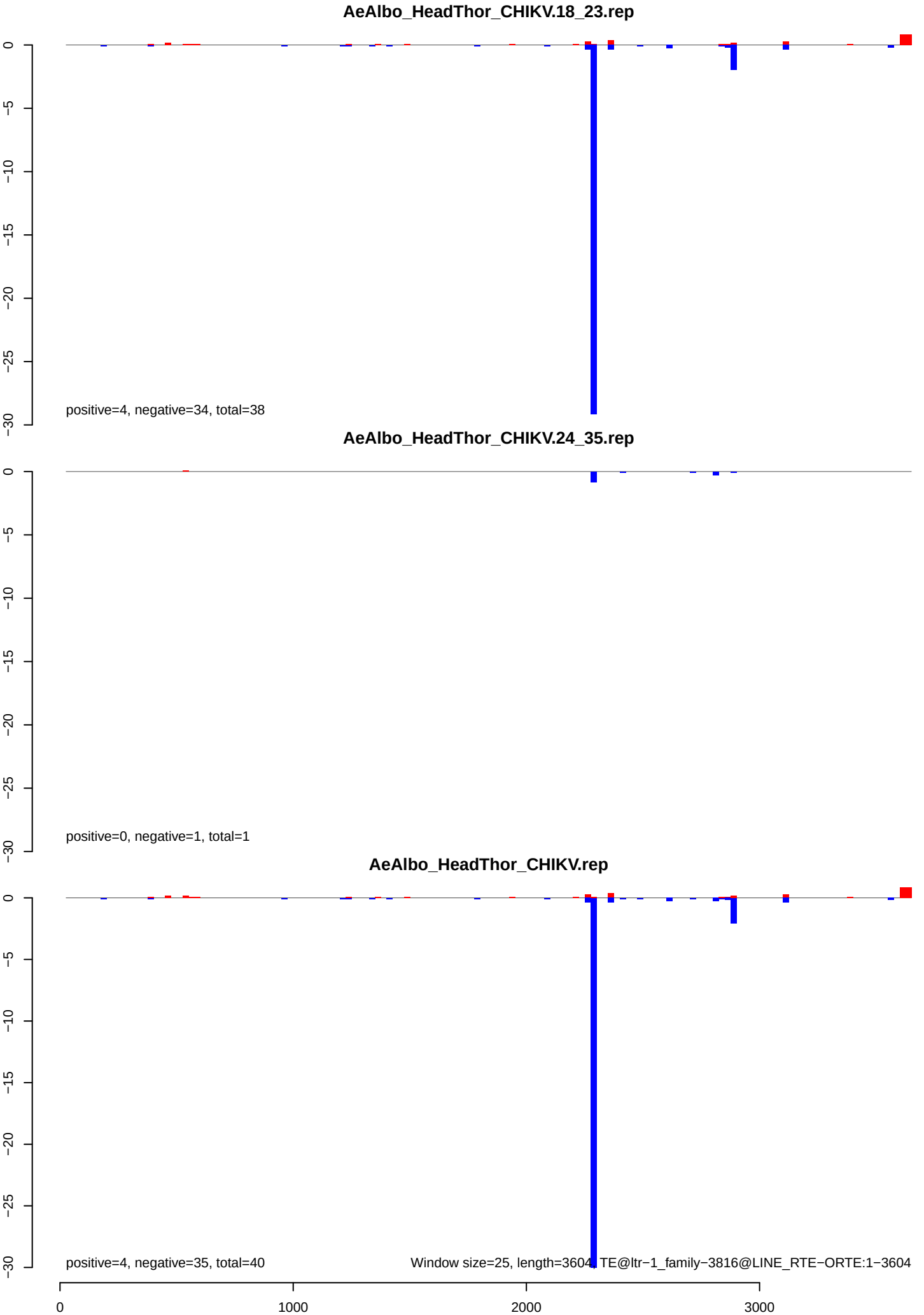

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=3, negative=7, total=10

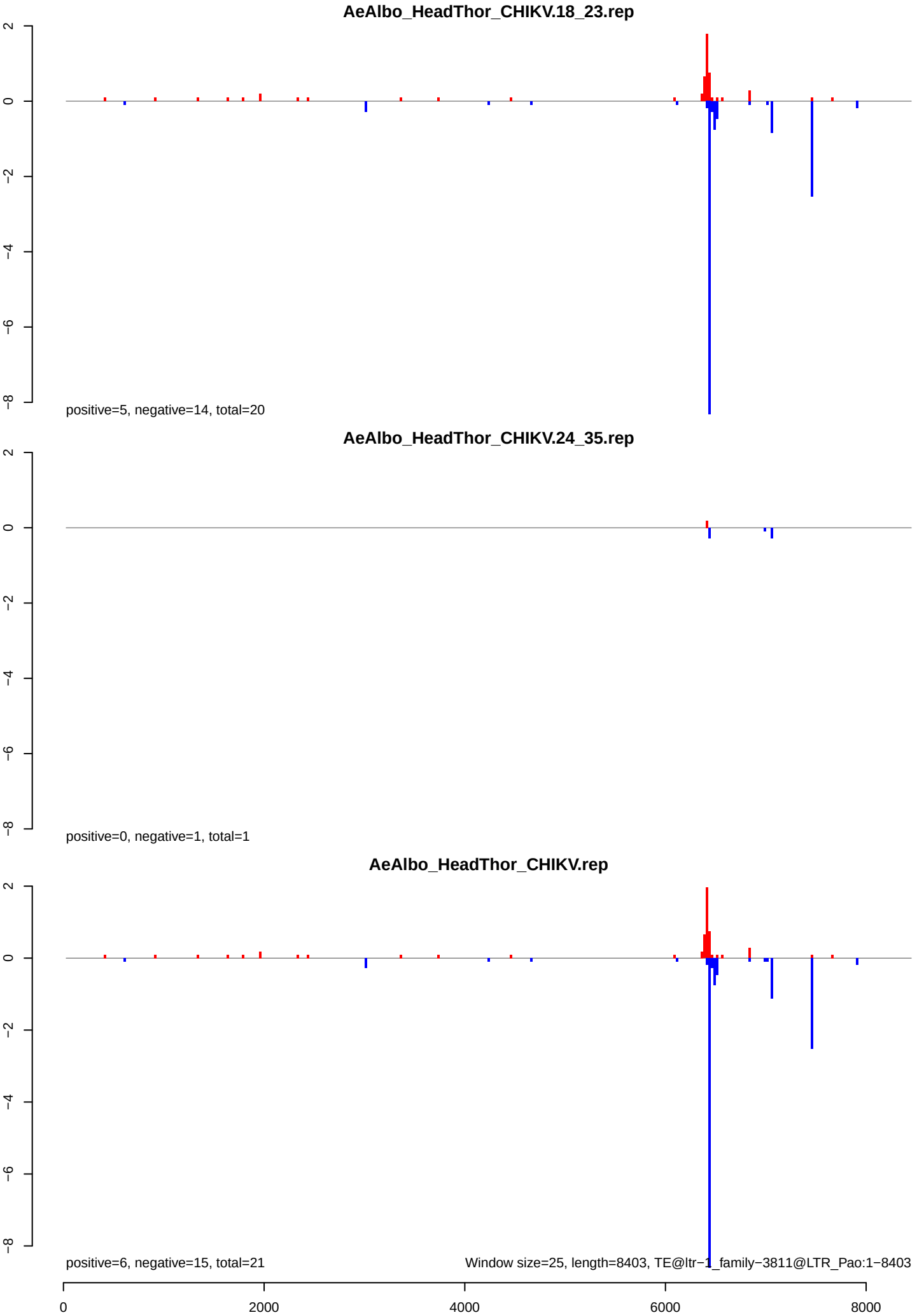

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=1, total=2

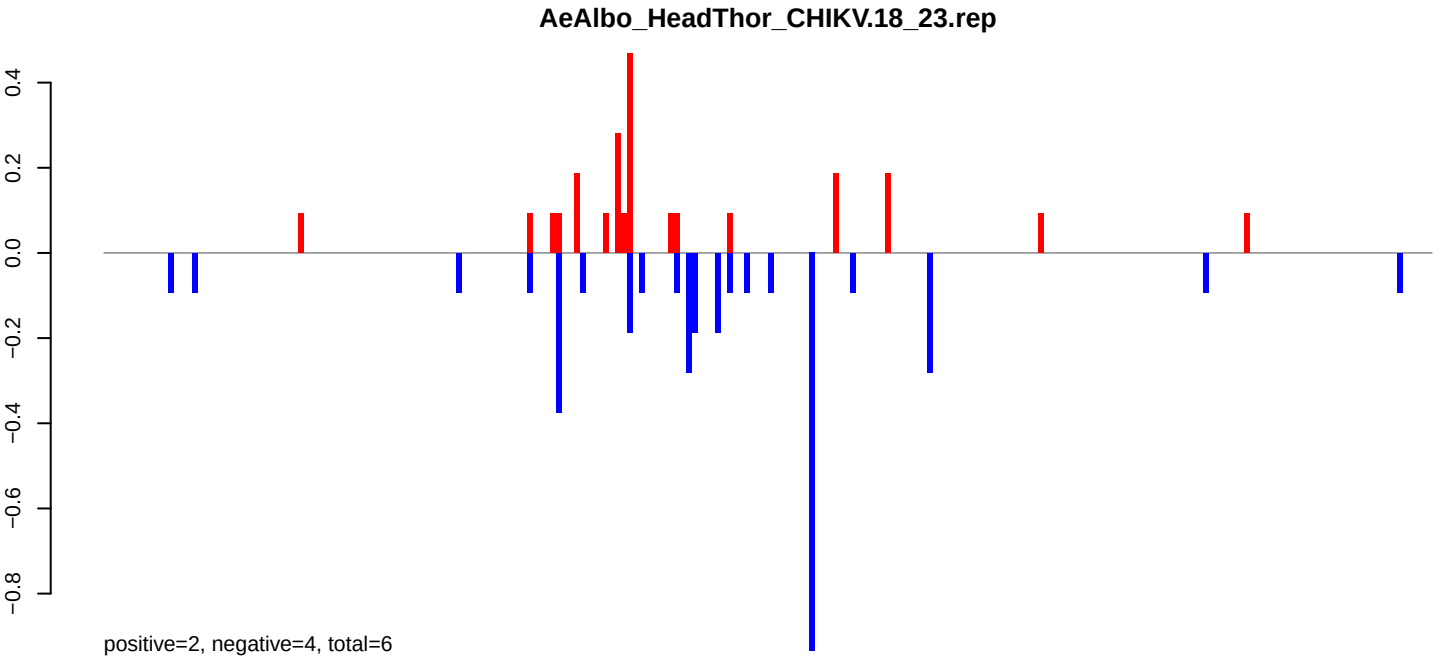

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=4, negative=8, total=11
Window size=25, length=1811, TE@ltr−1_family−4171@LTR_Gypsy:1−1811
0
500
1000
1500

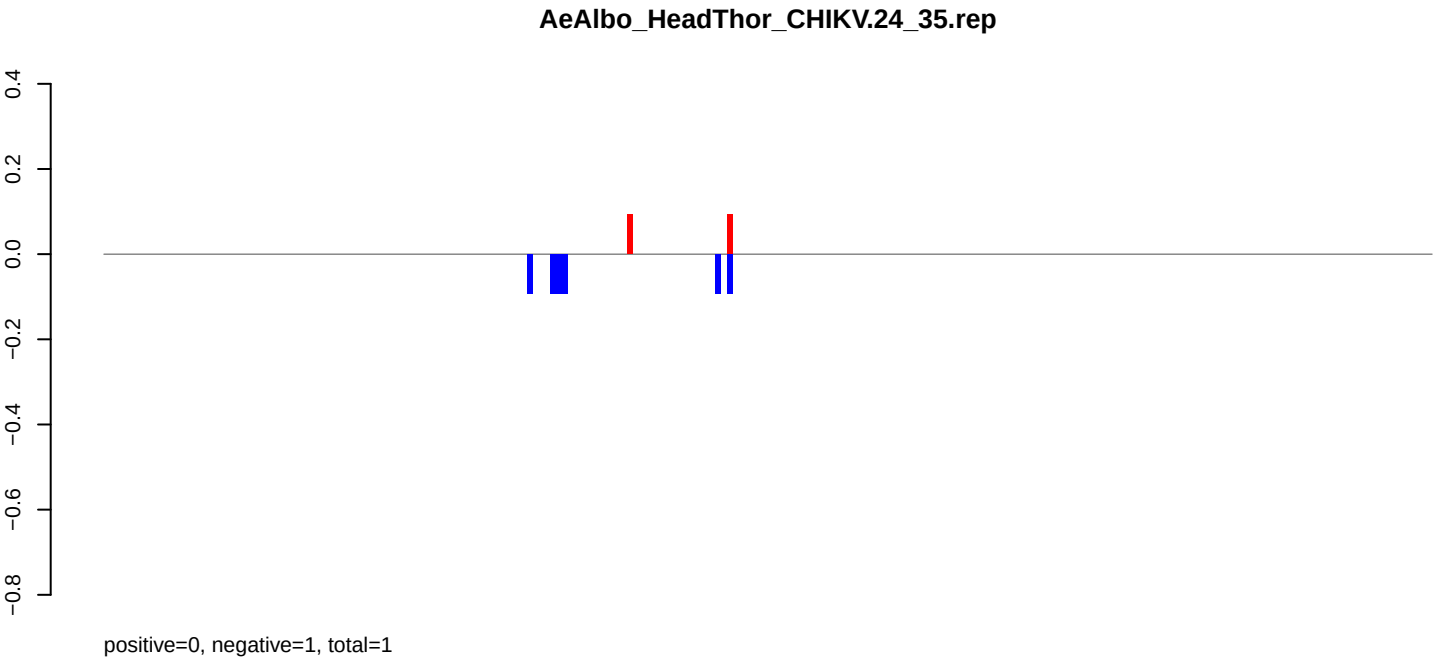

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=2, total=6
Window size=25, length=5397, TE@ltr−1_family−4055@LINE_L2:1−5397
0
1000
2000
3000
4000
5000

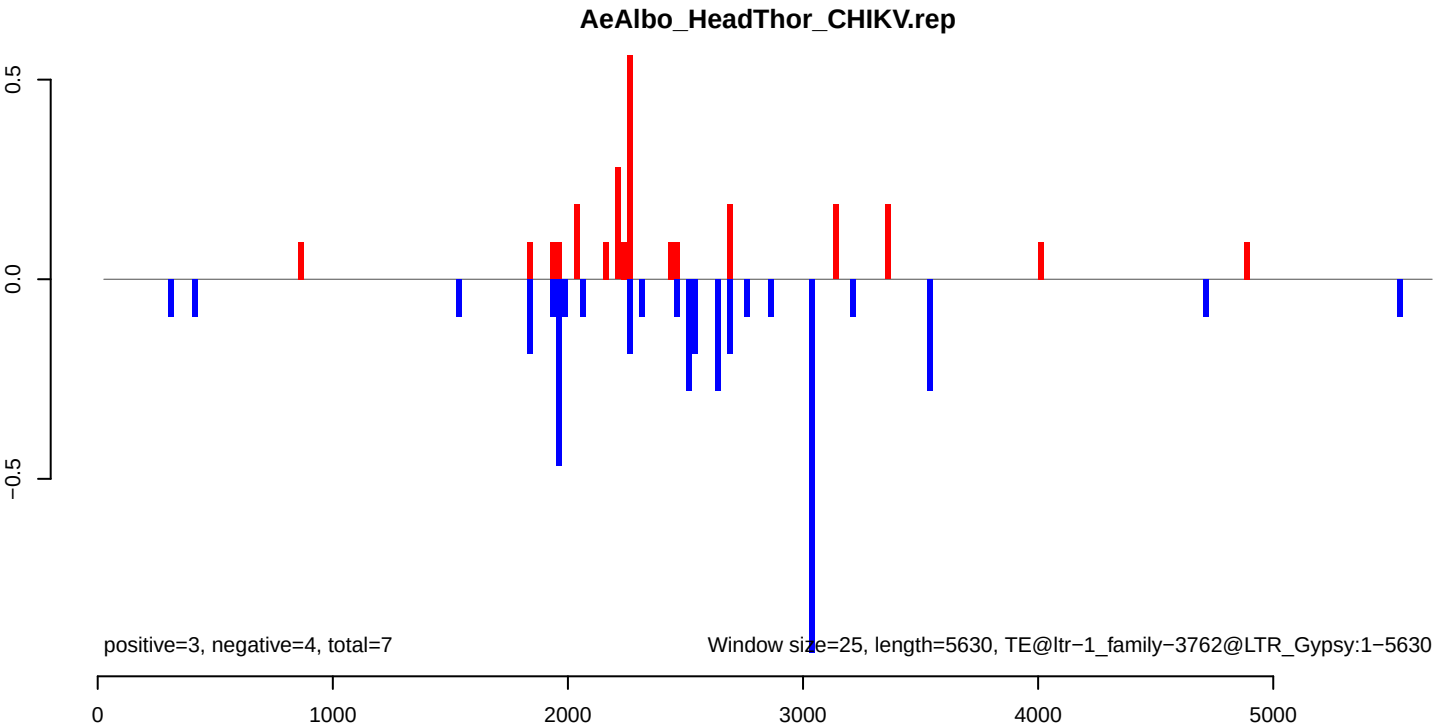

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=3, total=6
Window size=25, length=4728, TE@ltr−1_family−3970@LTR_Gypsy:1−4728
0
1000
2000
3000
4000

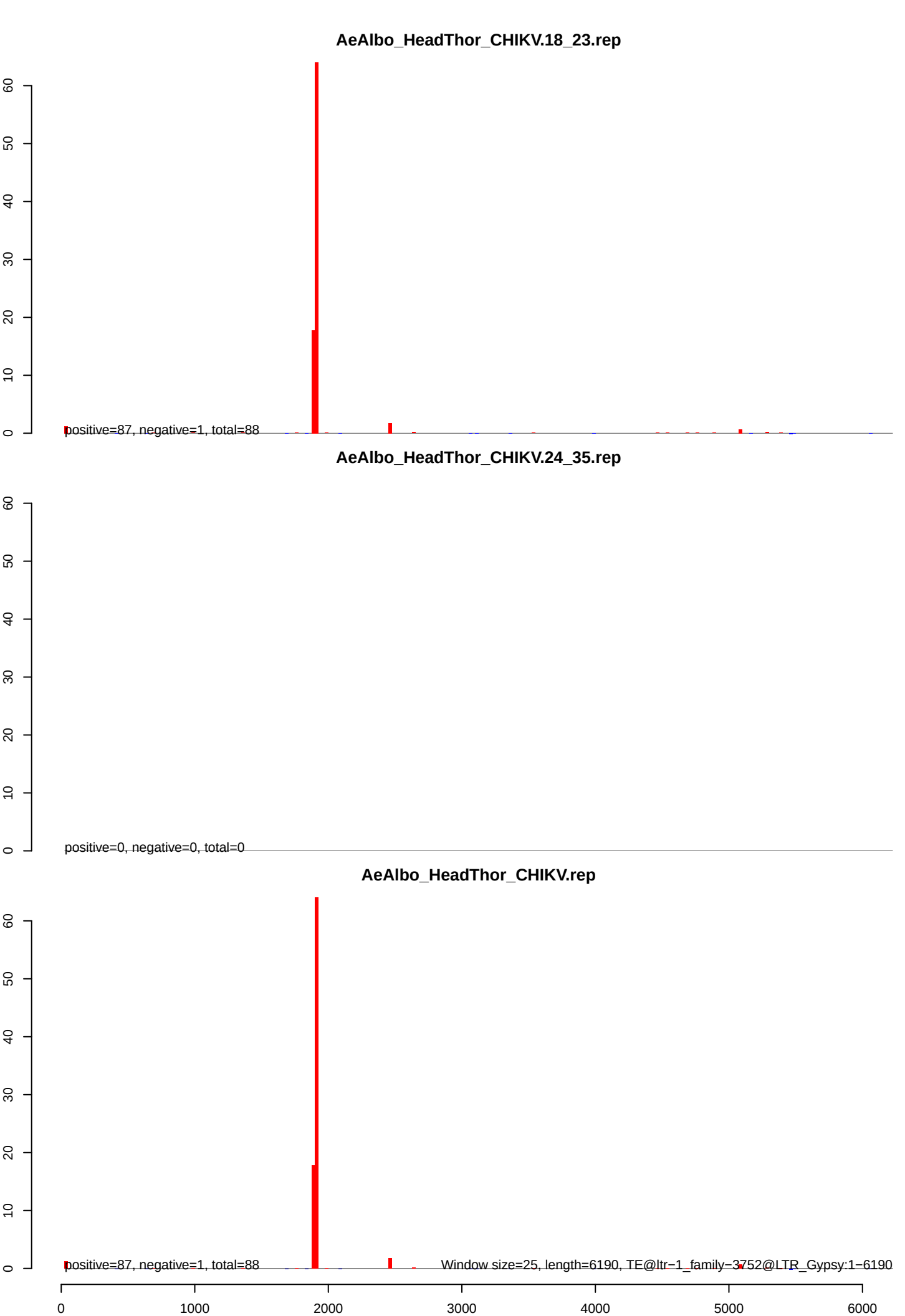

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=4, negative=34, total=38
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=4, negative=35, total=40
Window size=25, length=3604 TE@ltr−1_family−3816@LINE_RTE−ORTE:1−3604
0
1000
2000
3000

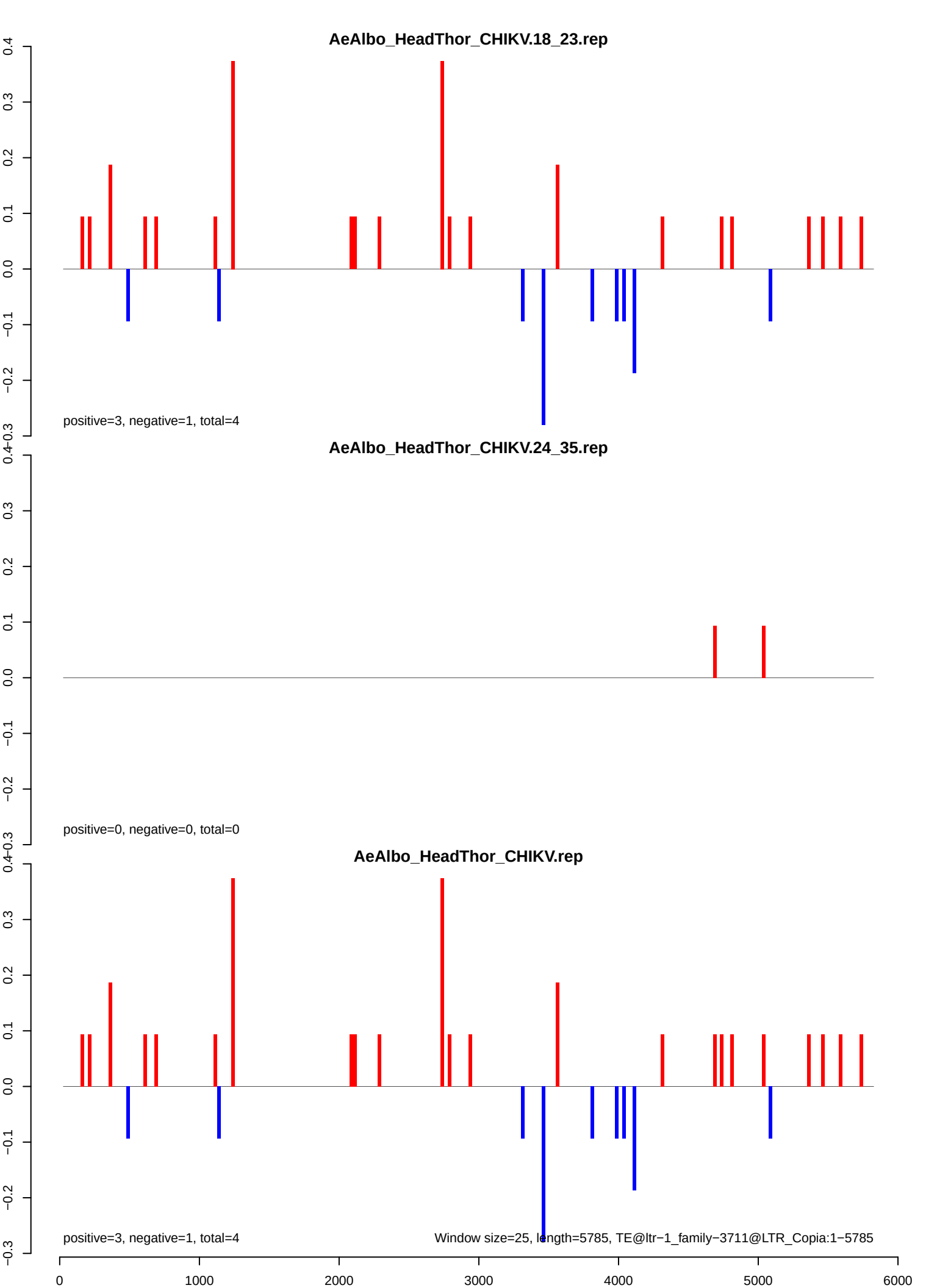

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=14, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=15, total=21
Window size=25, length=8403, TE@ltr−1_family−3811@LTR_Pao:1−8403
2
0
−2
−4
−6
−8
0
2000
4000
6000
8000

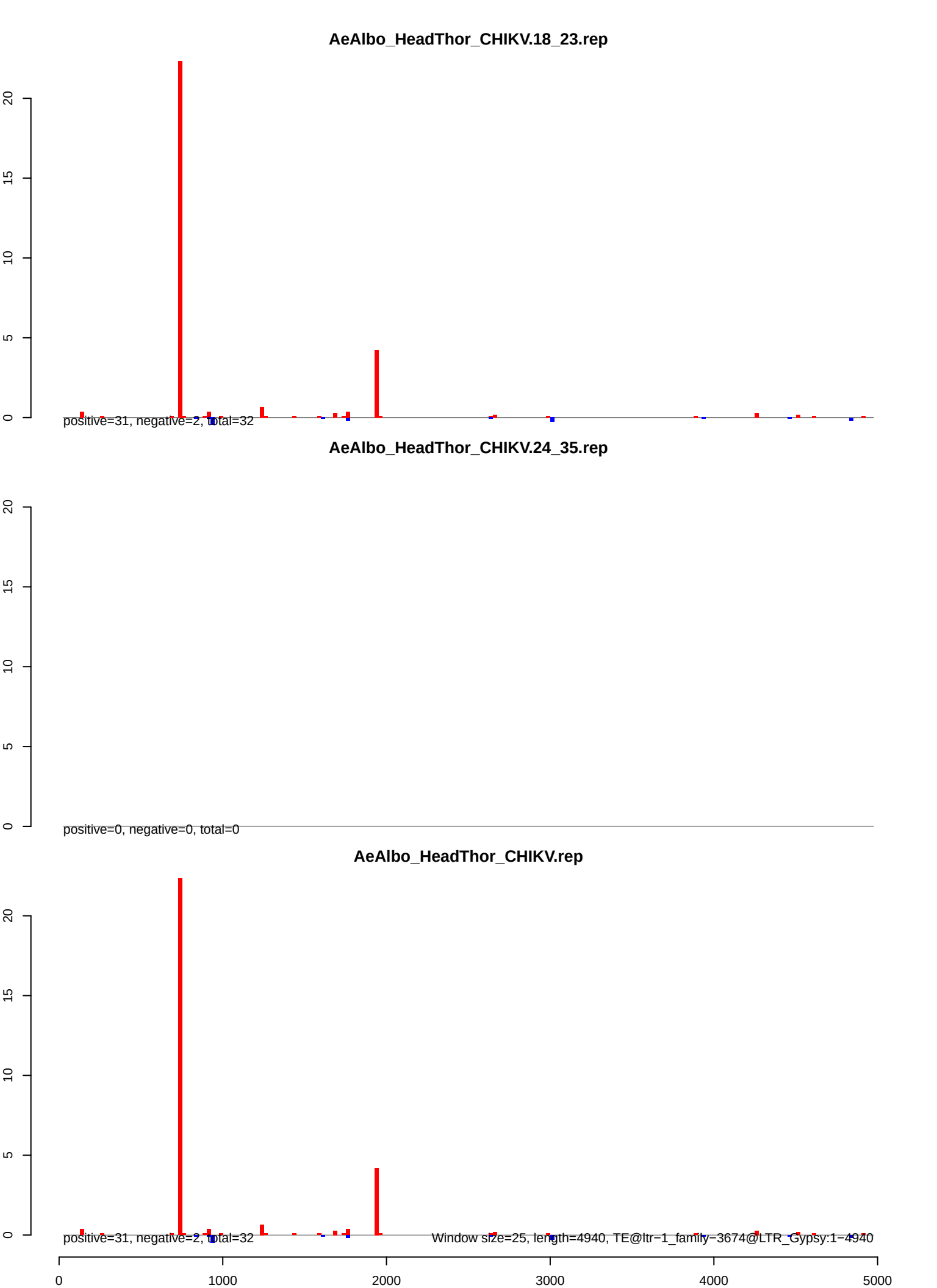

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=4, total=6

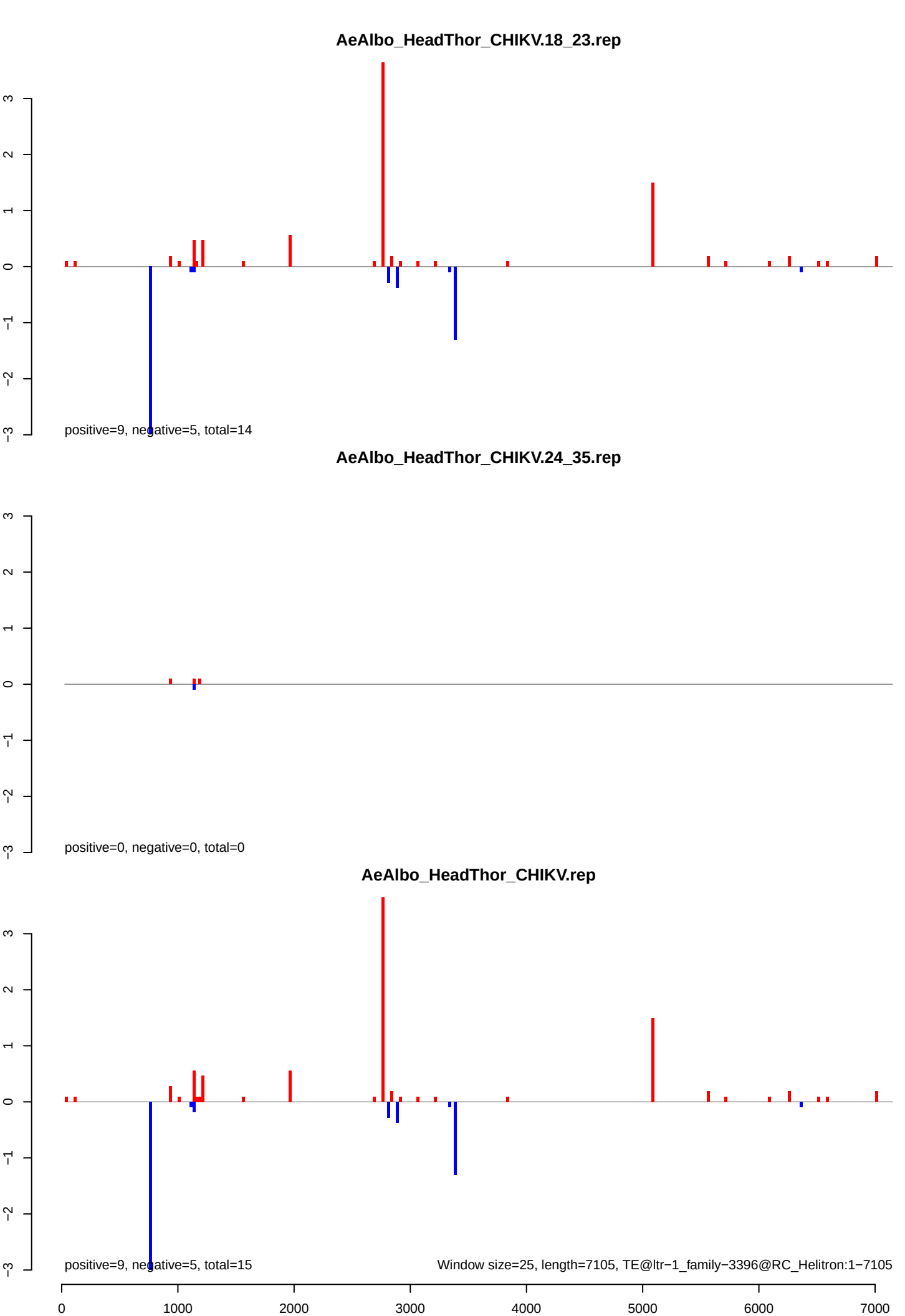

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1

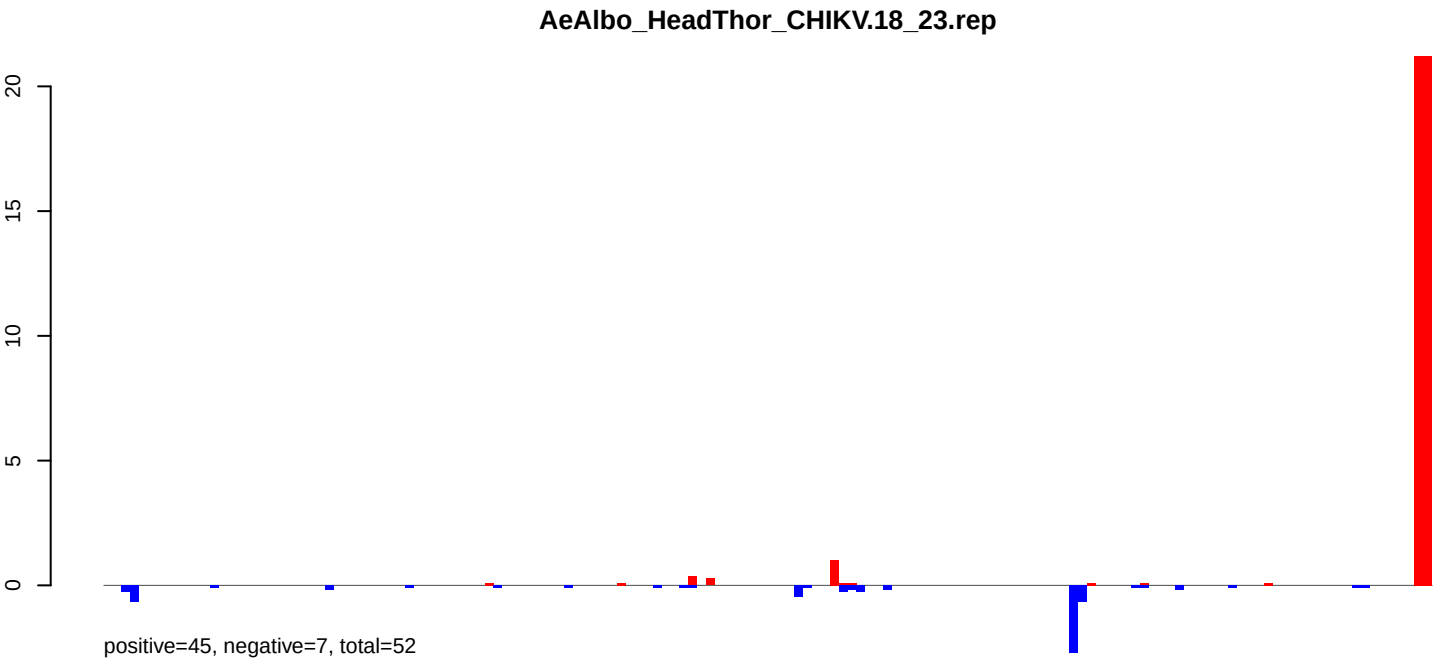

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=3, negative=4, total=7
Window size=25, length=5630, TE@ltr−1_family−3762@LTR_Gypsy:1−5630
0
1000
2000
3000
4000
5000

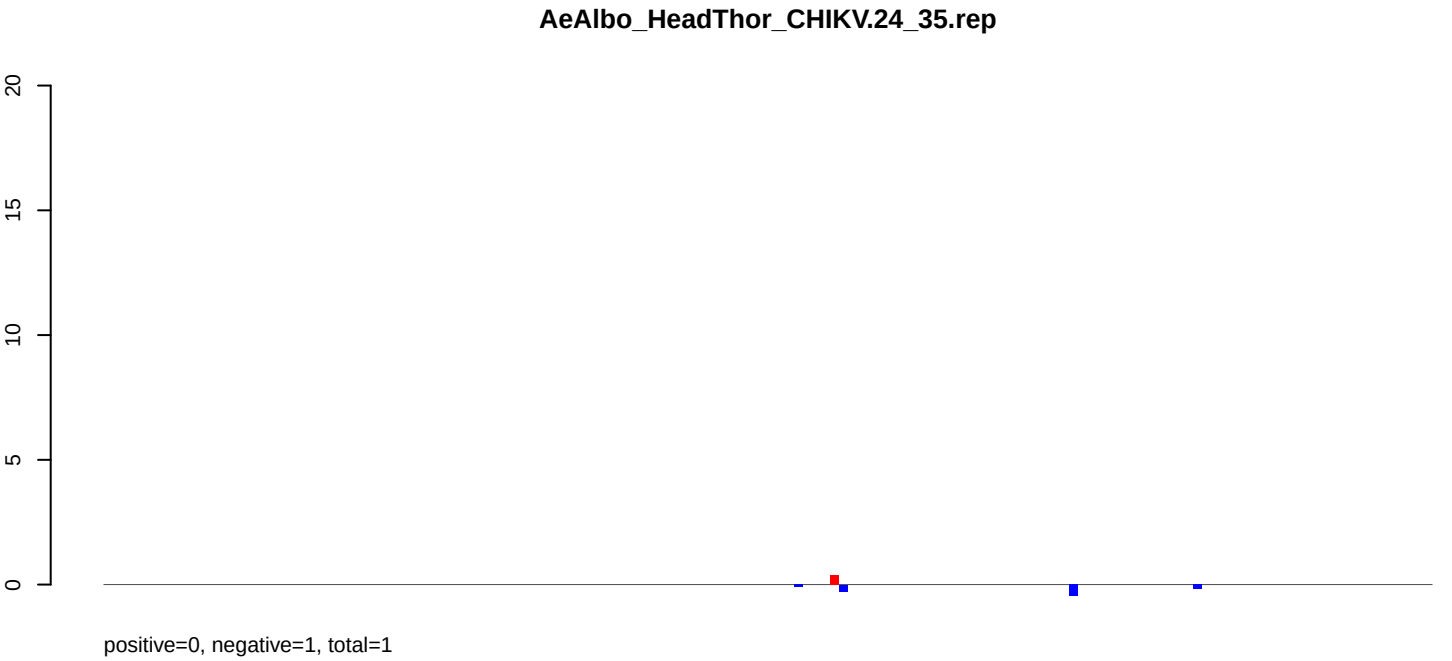

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=87, negative=1, total=88
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=87, negative=1, total=88
Window size=25, length=6190, TE@ltr−1_family−3752@LTR_Gypsy:1−6190
0
10
20
30
40
50
60
0
1000
2000
3000
4000
5000
6000

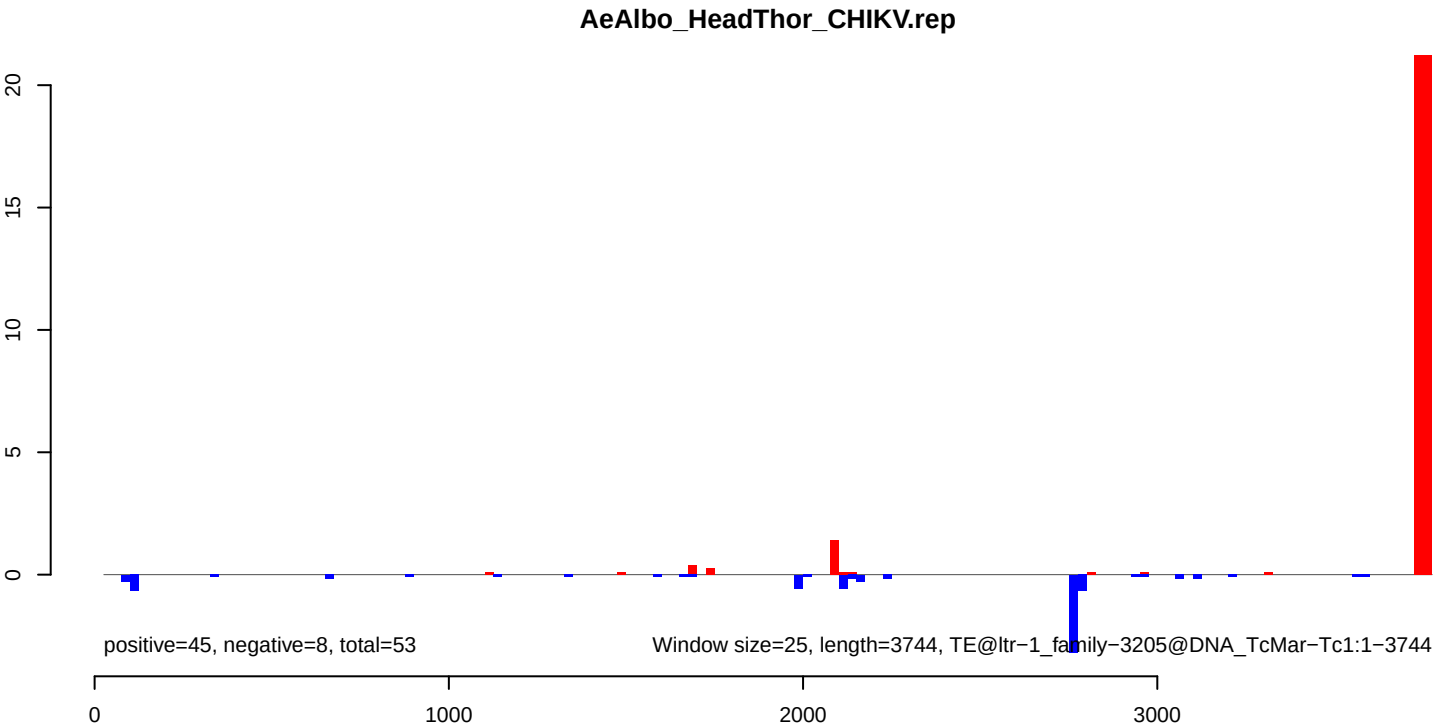

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=5785, TE@ltr−1_family−3711@LTR_Copia:1−5785
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000
5000
6000

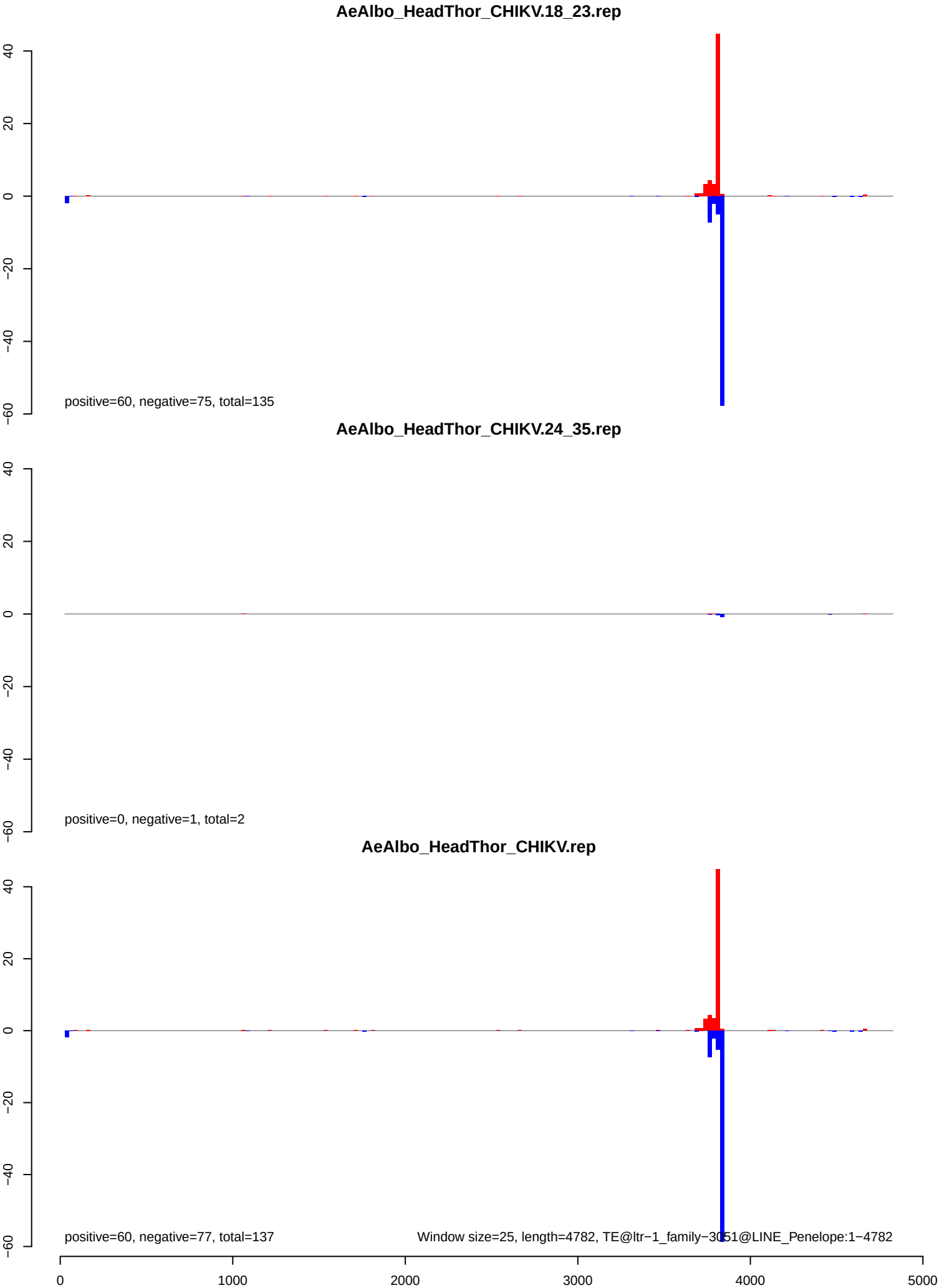

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=31, negative=2, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=31, negative=2, total=32
Window size=25, length=4940, TE@ltr−1_family−3674@LTR_Gypsy:1−4940
0
1000
2000
3000
4000
5000

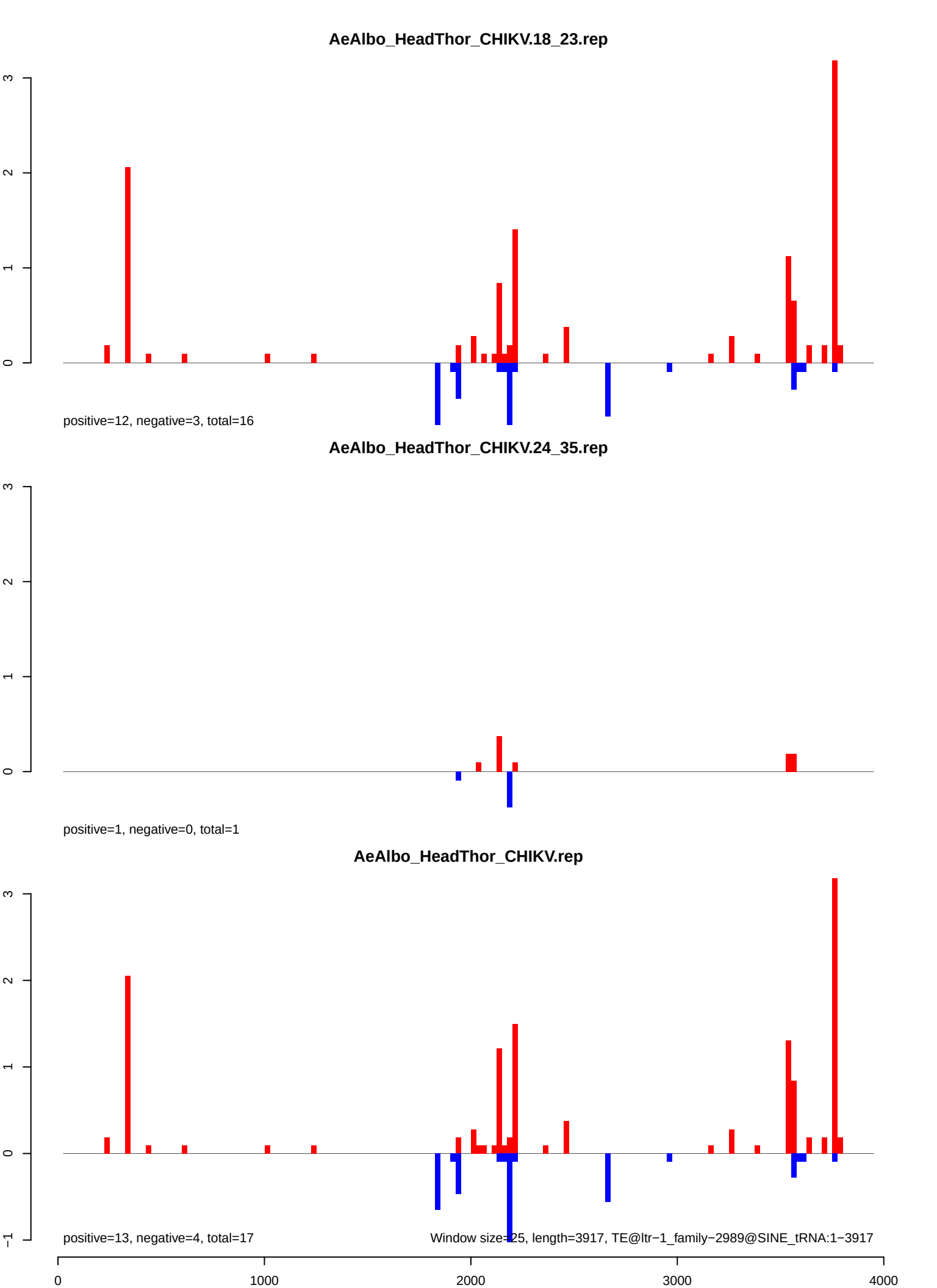

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=5, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=5, total=15
Window size=25, length=7105, TE@ltr−1_family−3396@RC_Helitron:1−7105
0
1000
2000
3000
4000
5000
6000
7000

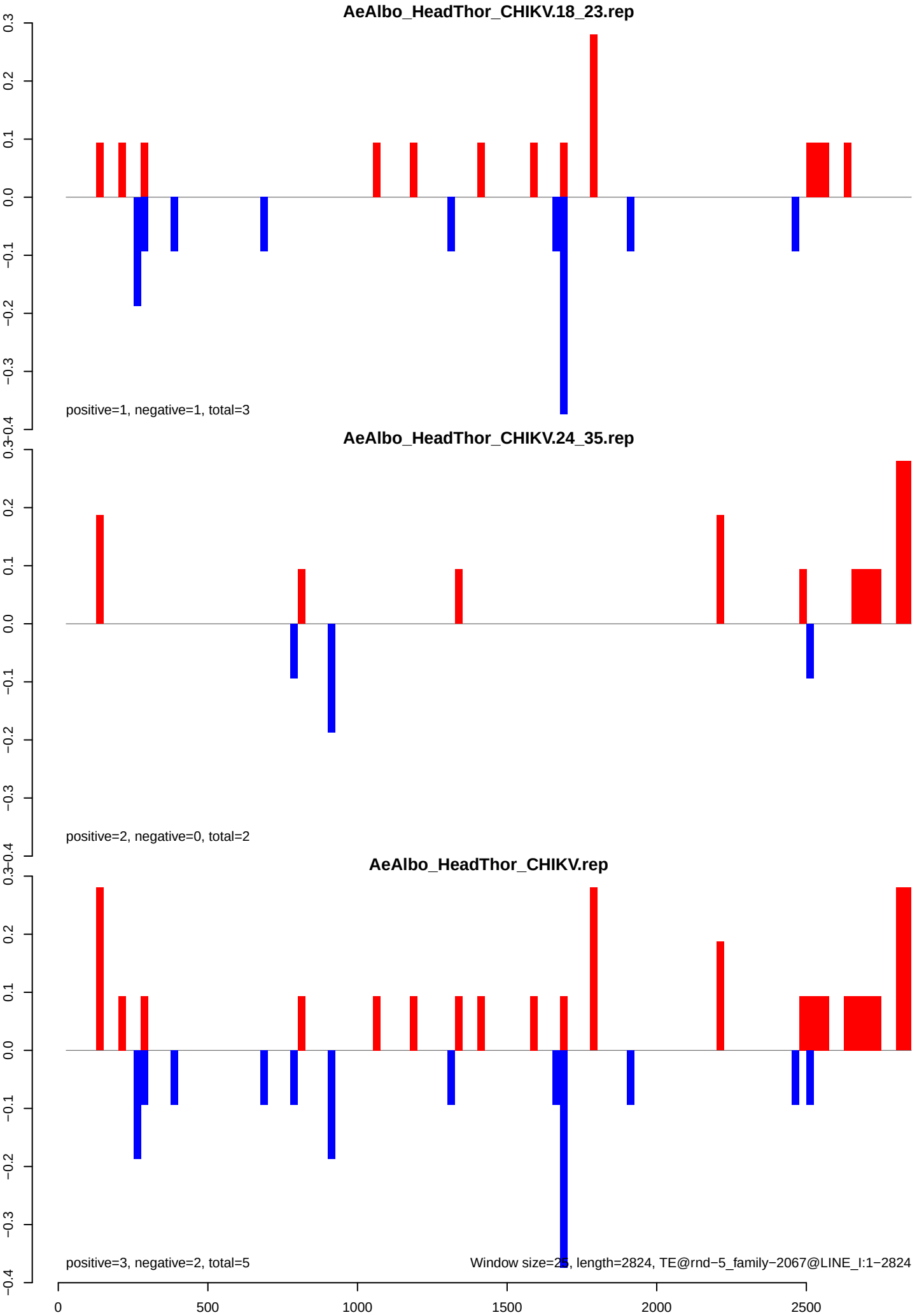

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=45, negative=7, total=52

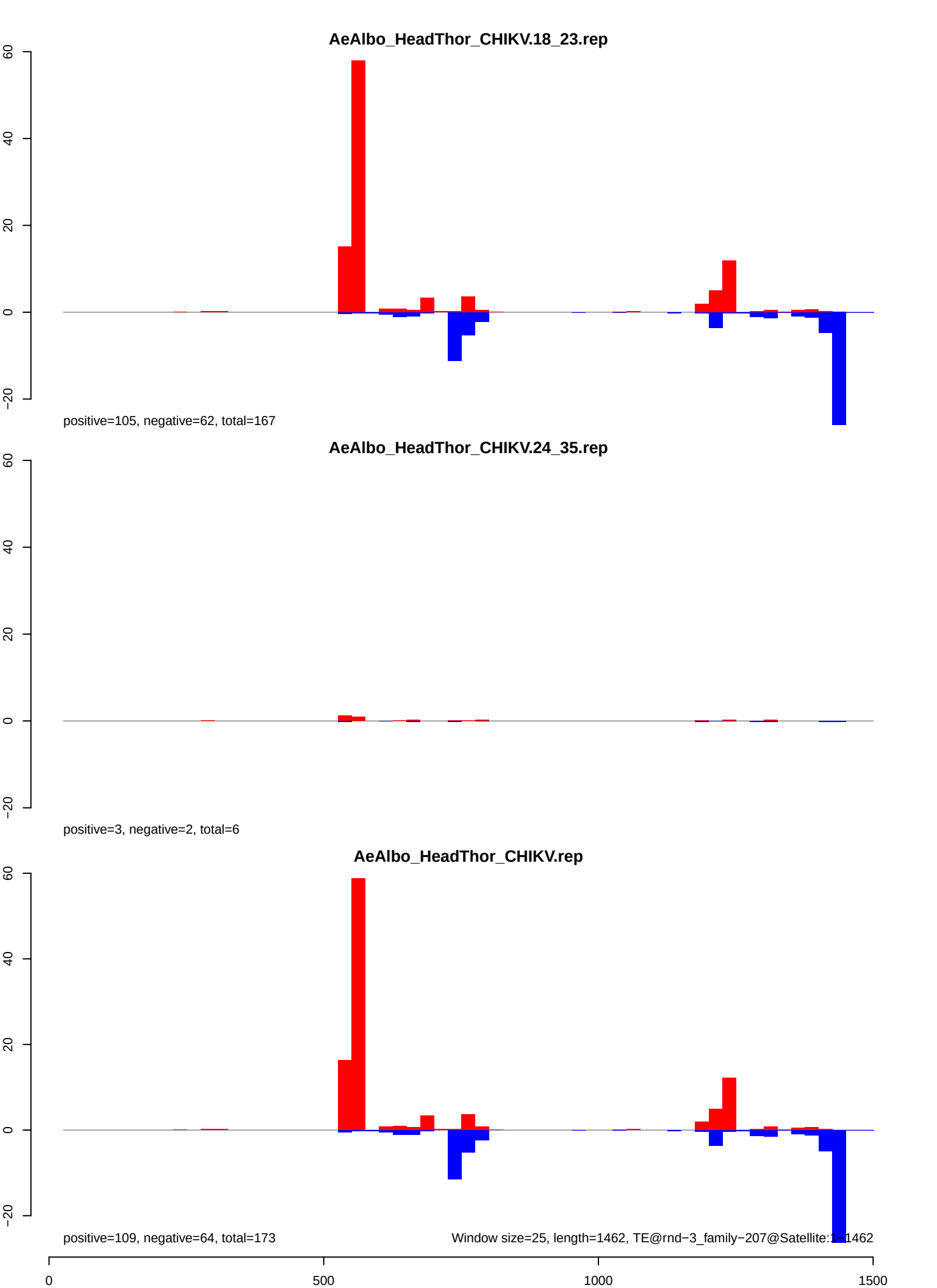

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=1, total=1

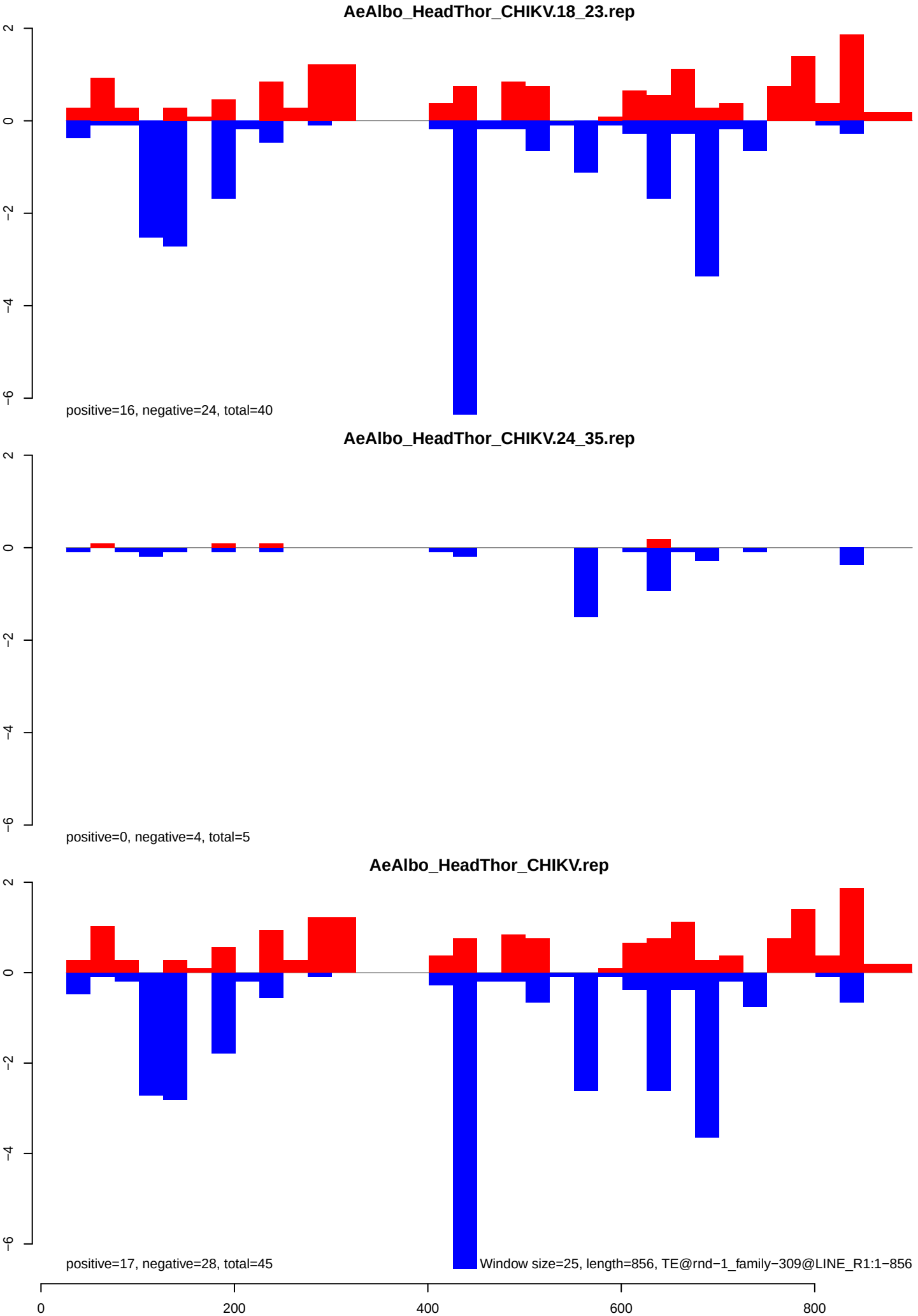

AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=45, negative=8, total=53
Window size=25, length=3744, TE@ltr−1_family−3205@DNA_TcMar−Tc1:1−3744
0
1000
2000
3000

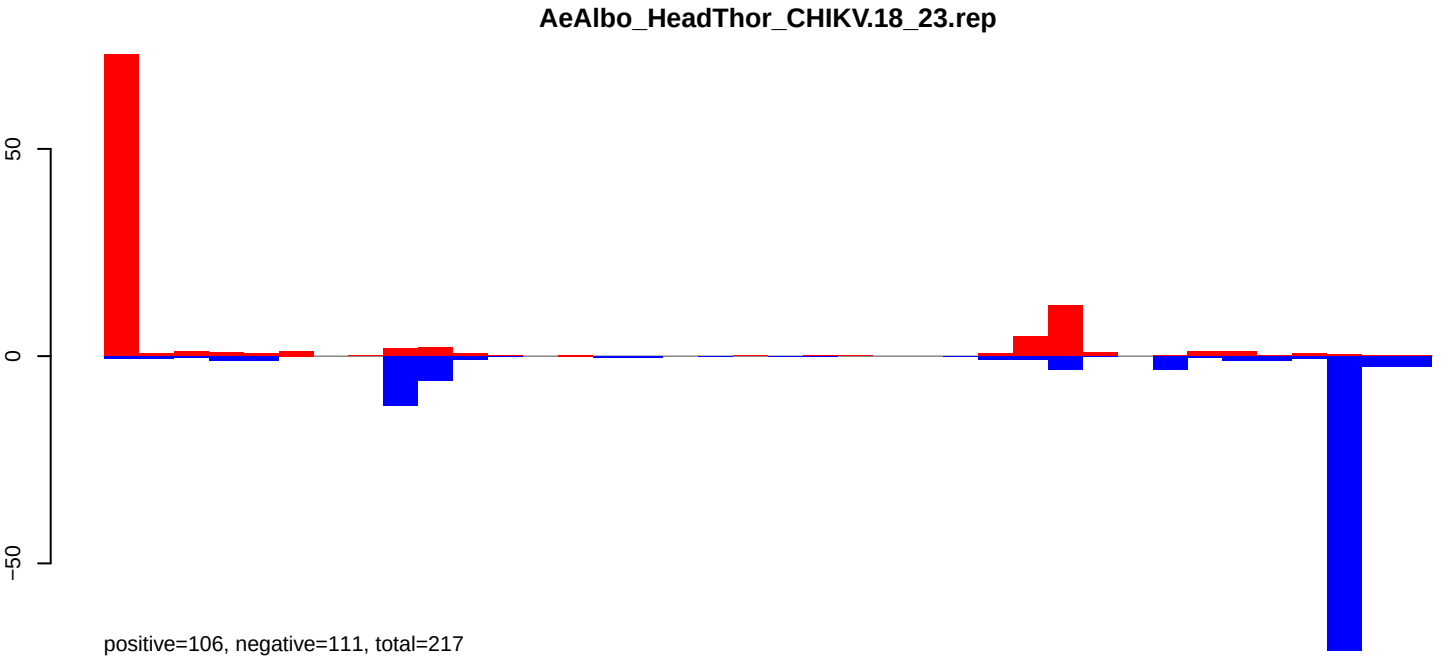

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=60, negative=75, total=135
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=60, negative=77, total=137
Window size=25, length=4782, TE@ltr−1_family−3051@LINE_Penelope:1−4782
40
20
0
−20
−40
−60
0
1000
2000
3000
4000
5000

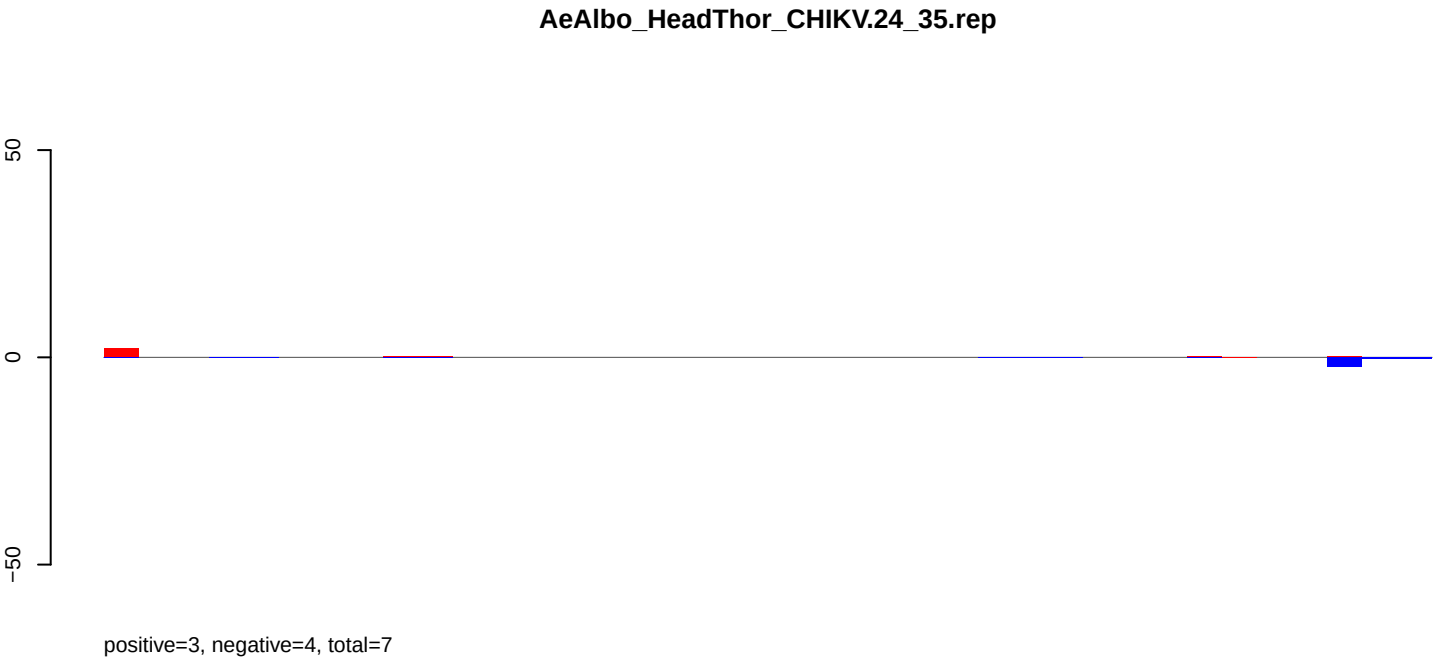

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=12, negative=3, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=4, total=17
Window size=25, length=3917, TE@ltr−1_family−2989@SINE_tRNA:1−3917
0
1000
2000
3000
4000

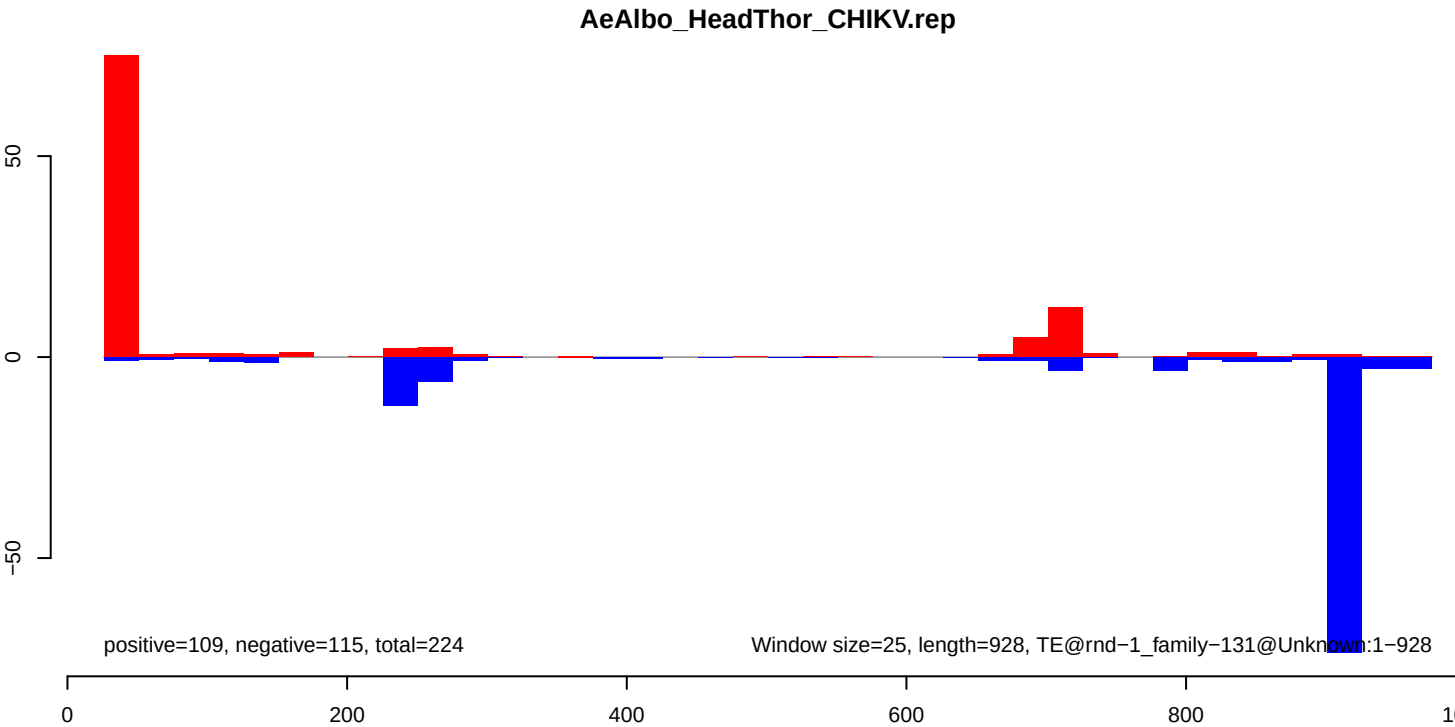

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=2824, TE@rnd−5_family−2067@LINE_I:1−2824
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
500
1000
1500
2000
2500

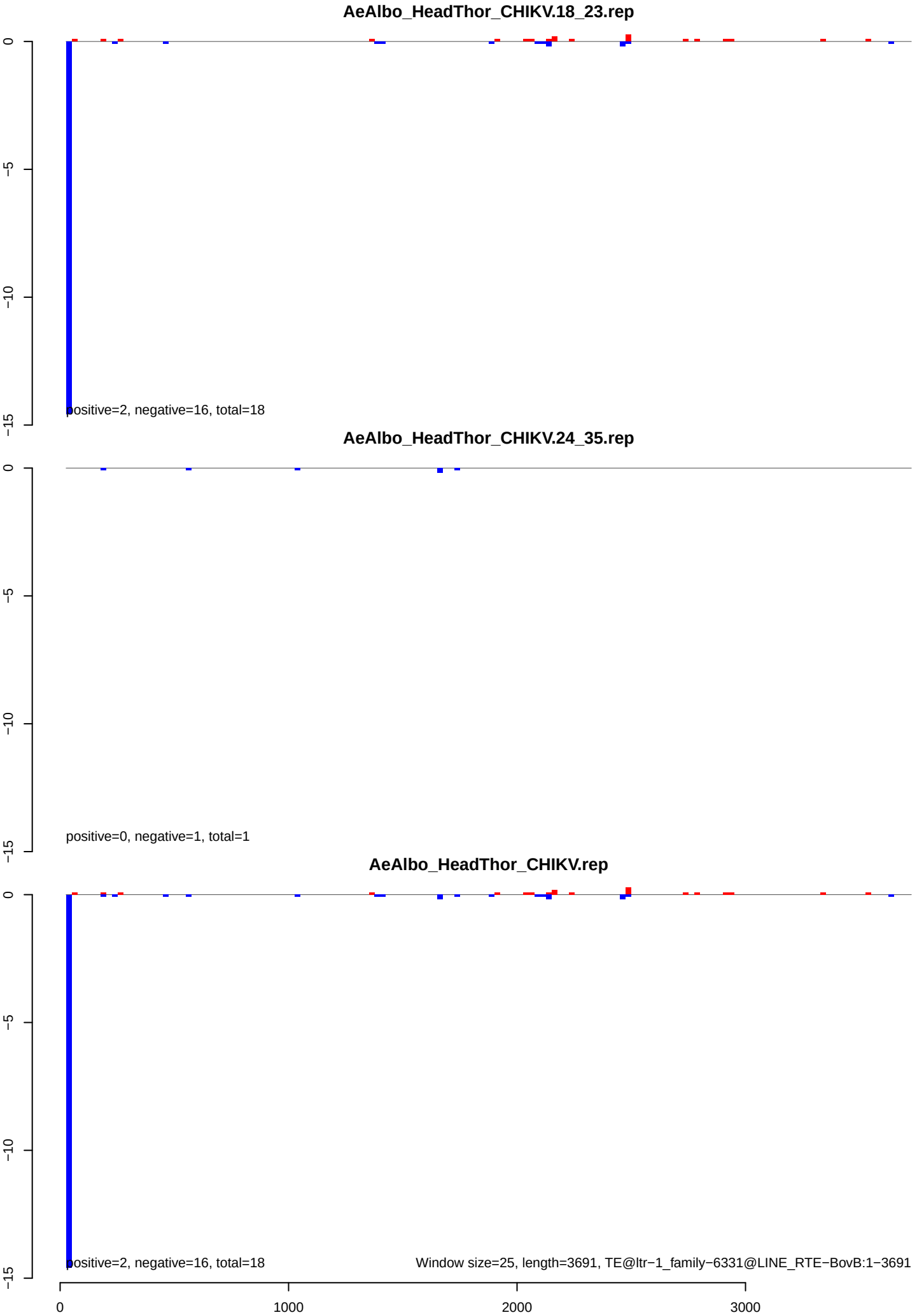

AeAlbo_HeadThor_CHIKV.18_23.rep
60
40
20
0
−20
positive=105, negative=62, total=167
AeAlbo_HeadThor_CHIKV.24_35.rep
60
40
20
0
−20
positive=3, negative=2, total=6
AeAlbo_HeadThor_CHIKV.rep
60
40
20
0
−20
positive=109, negative=64, total=173
Window size=25, length=1462, TE@rnd−3_family−207@Satellite:1−1462
0
500
1000
1500

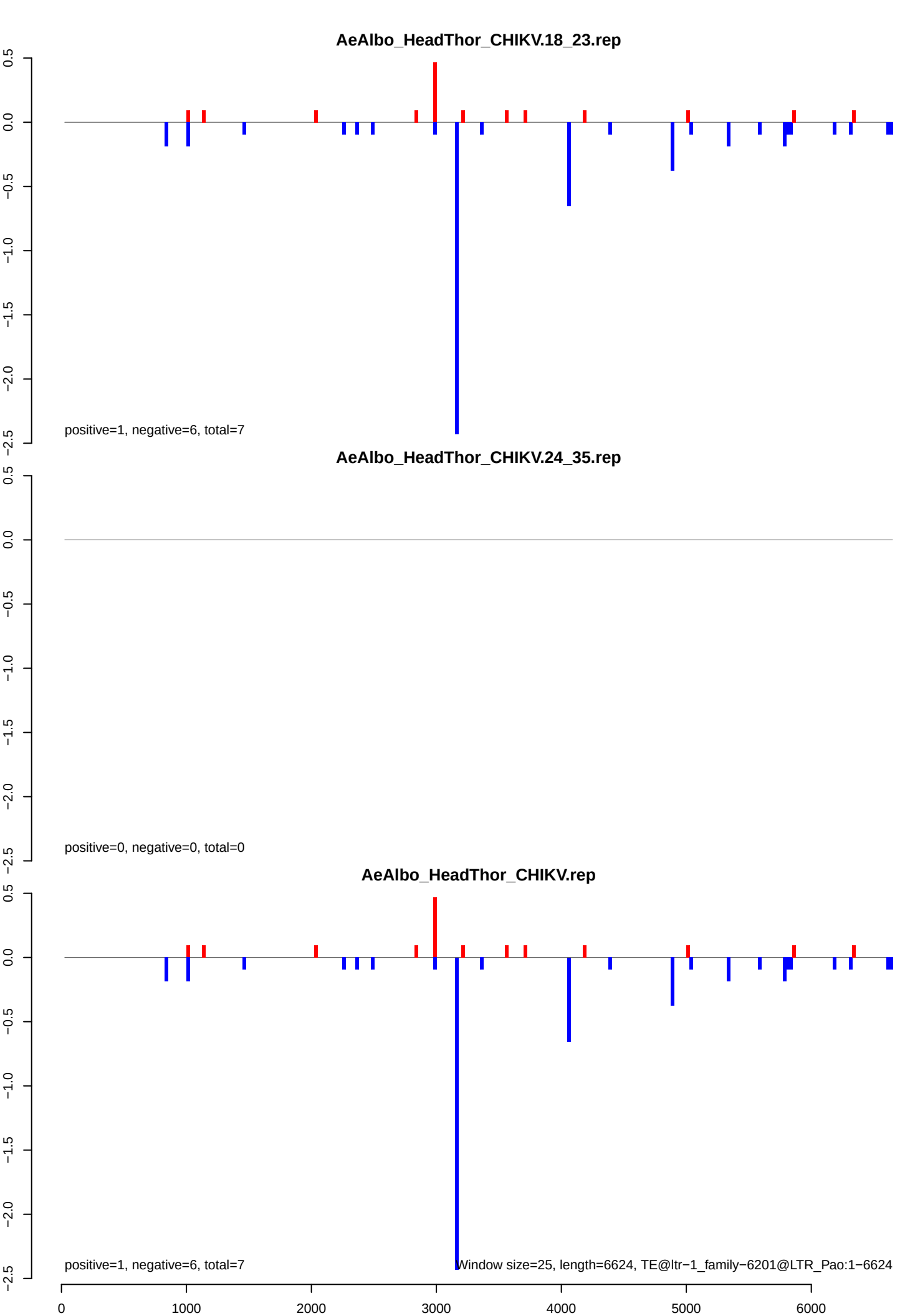

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=24, total=40
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=4, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=17, negative=28, total=45
Window size=25, length=856, TE@rnd−1_family−309@LINE_R1:1−856
2
0
−2
−4
−6
0
200
400
600
800

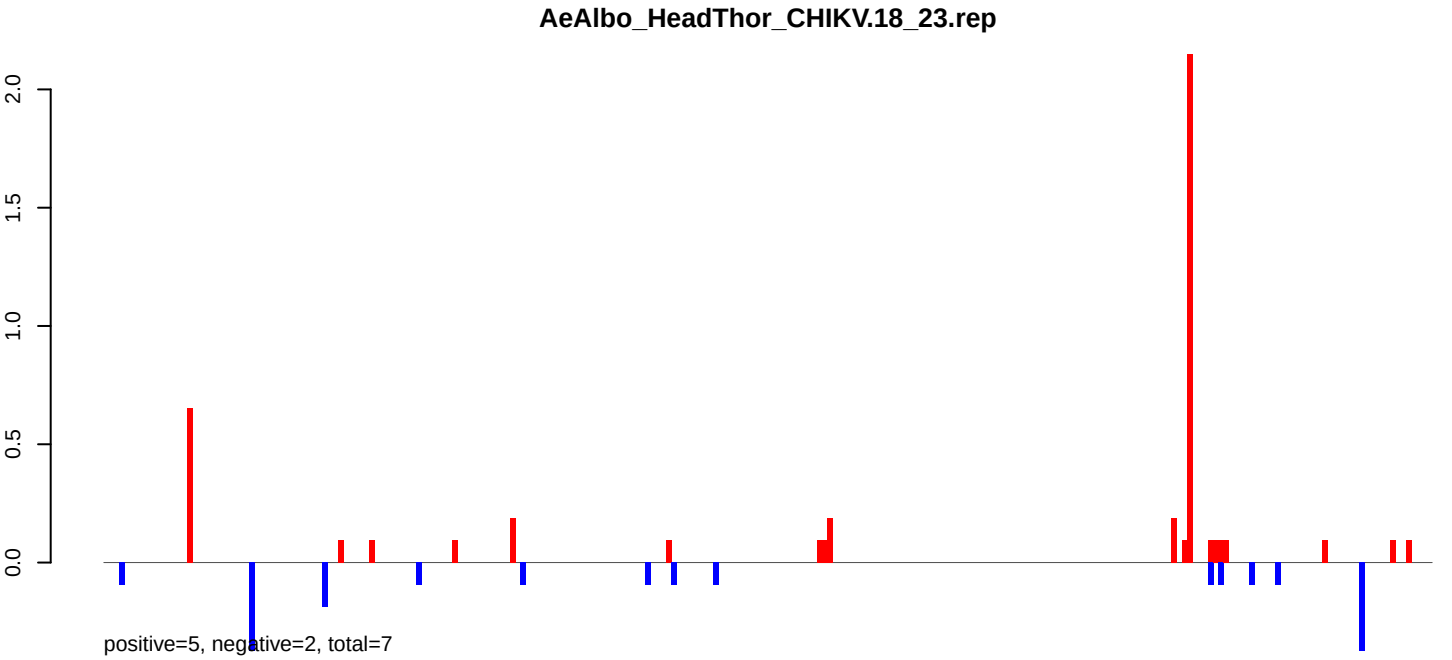

AeAlbo_HeadThor_CHIKV.18_23.rep
50
0
−50
positive=106, negative=111, total=217

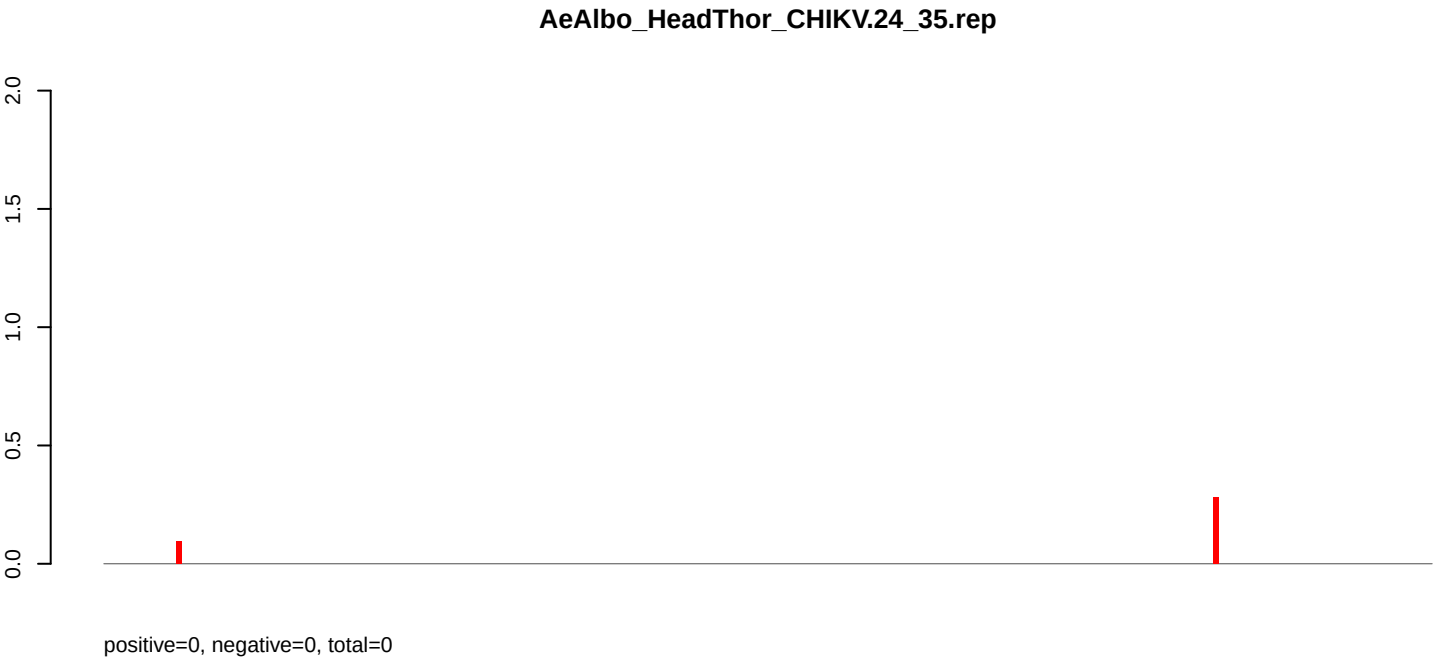

AeAlbo_HeadThor_CHIKV.24_35.rep
50
0
−50
positive=3, negative=4, total=7

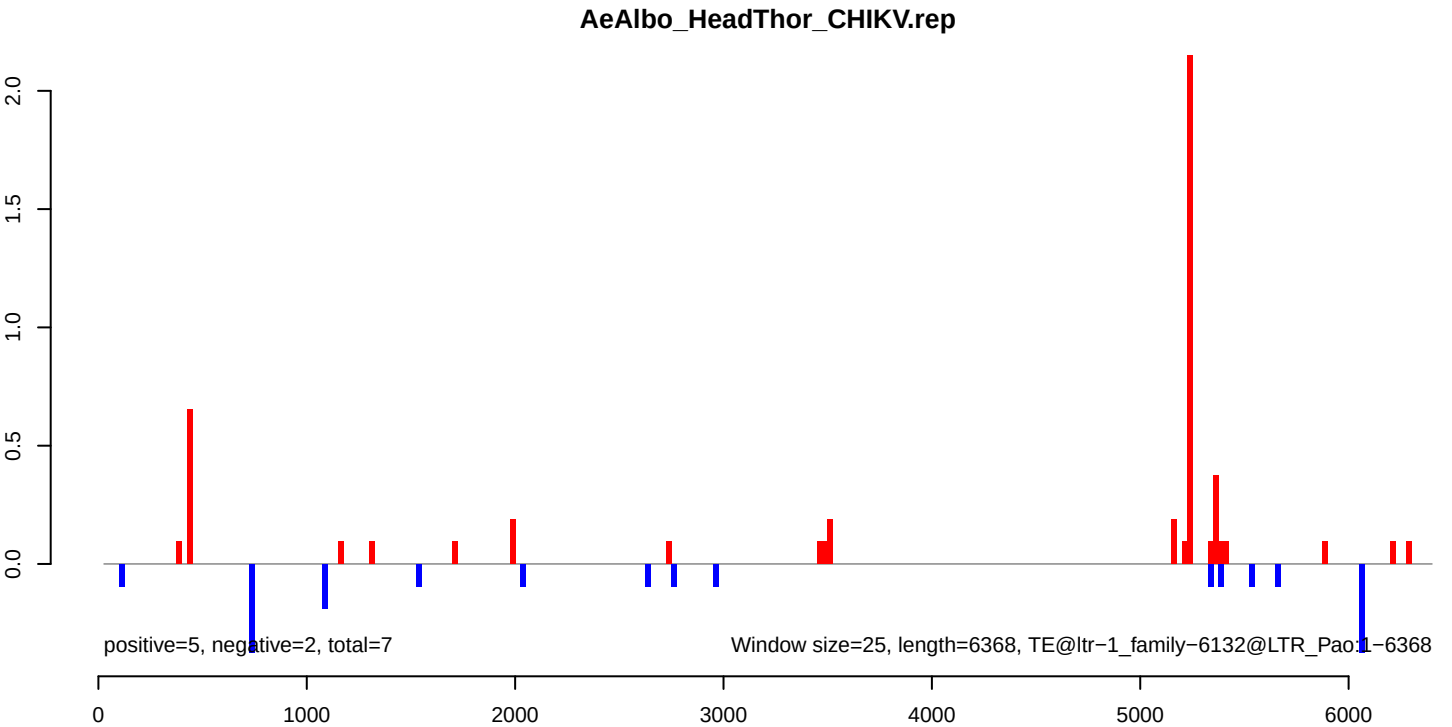

AeAlbo_HeadThor_CHIKV.rep
50
0
−50
positive=109, negative=115, total=224
Window size=25, length=928, TE@rnd−1_family−131@Unknown:1−928
0
200
400
600
800
1000

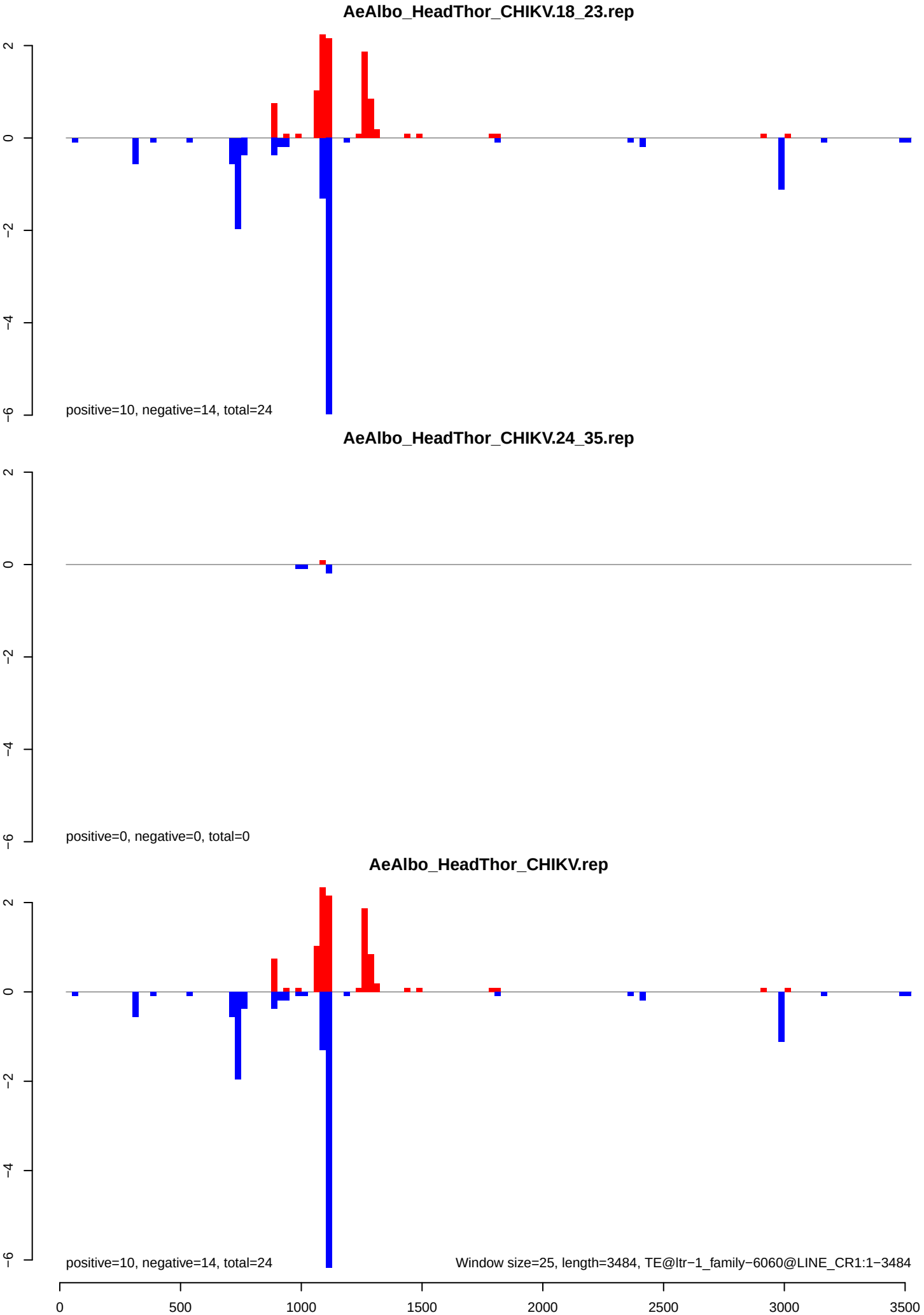

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=2, negative=16, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=2, negative=16, total=18
Window size=25, length=3691, TE@ltr−1_family−6331@LINE_RTE−BovB:1−3691
0
1000
2000
3000

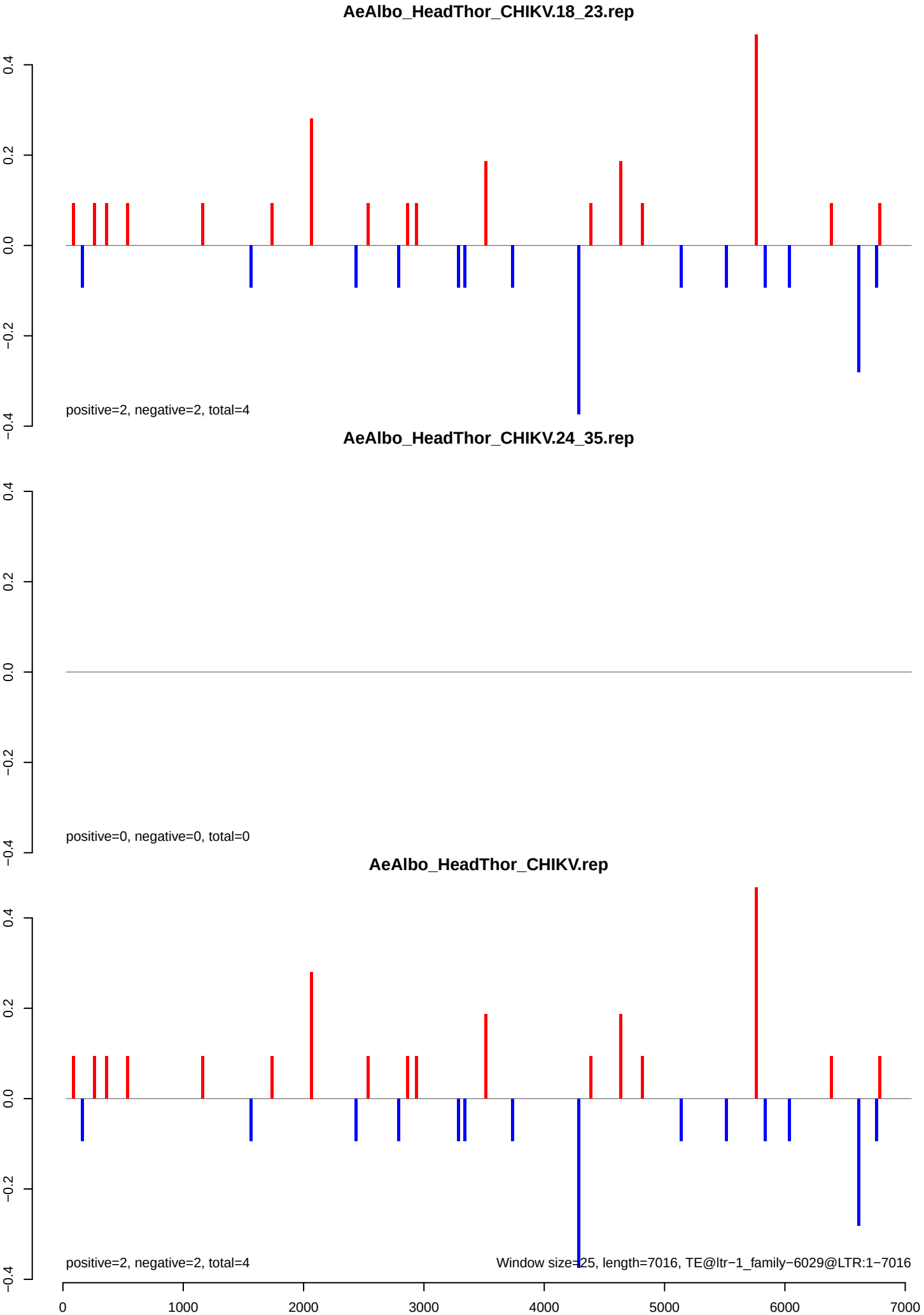

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=6, total=7
Window size=25, length=6624, TE@ltr−1_family−6201@LTR_Pao:1−6624
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
0
1000
2000
3000
4000
5000
6000

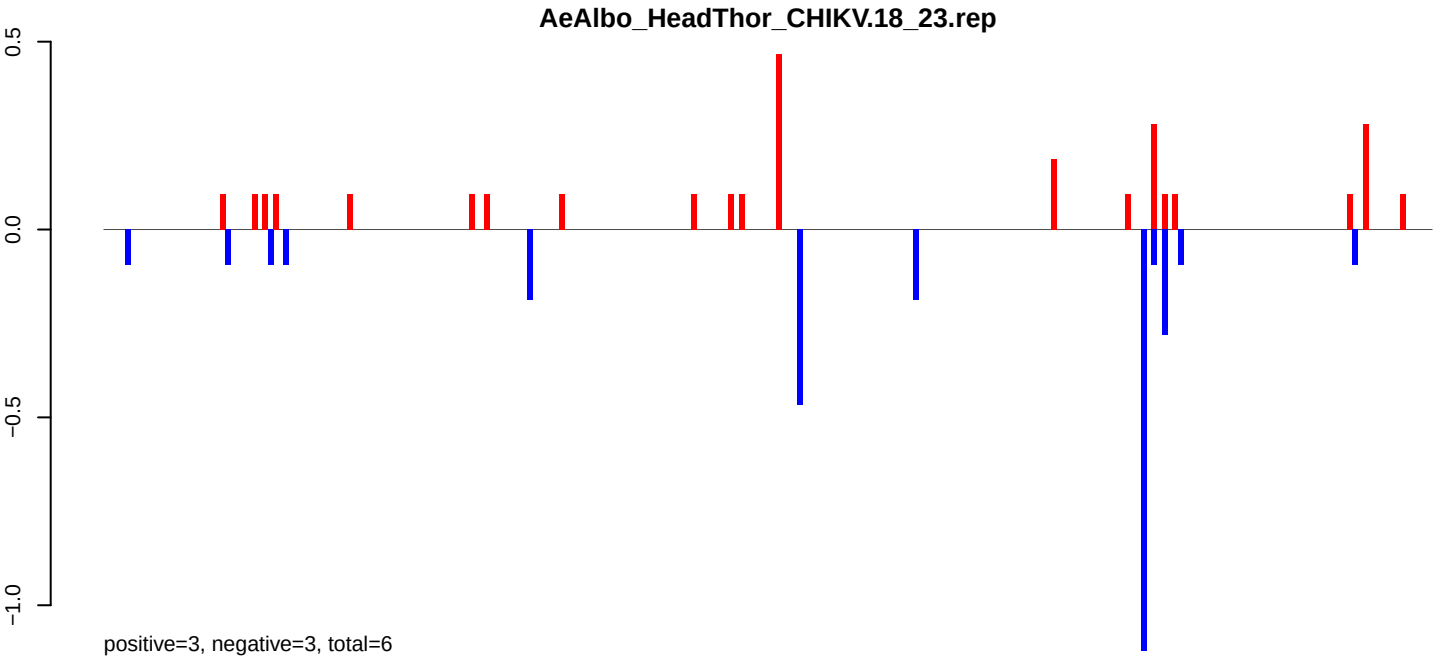

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=5, negative=2, total=7


AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

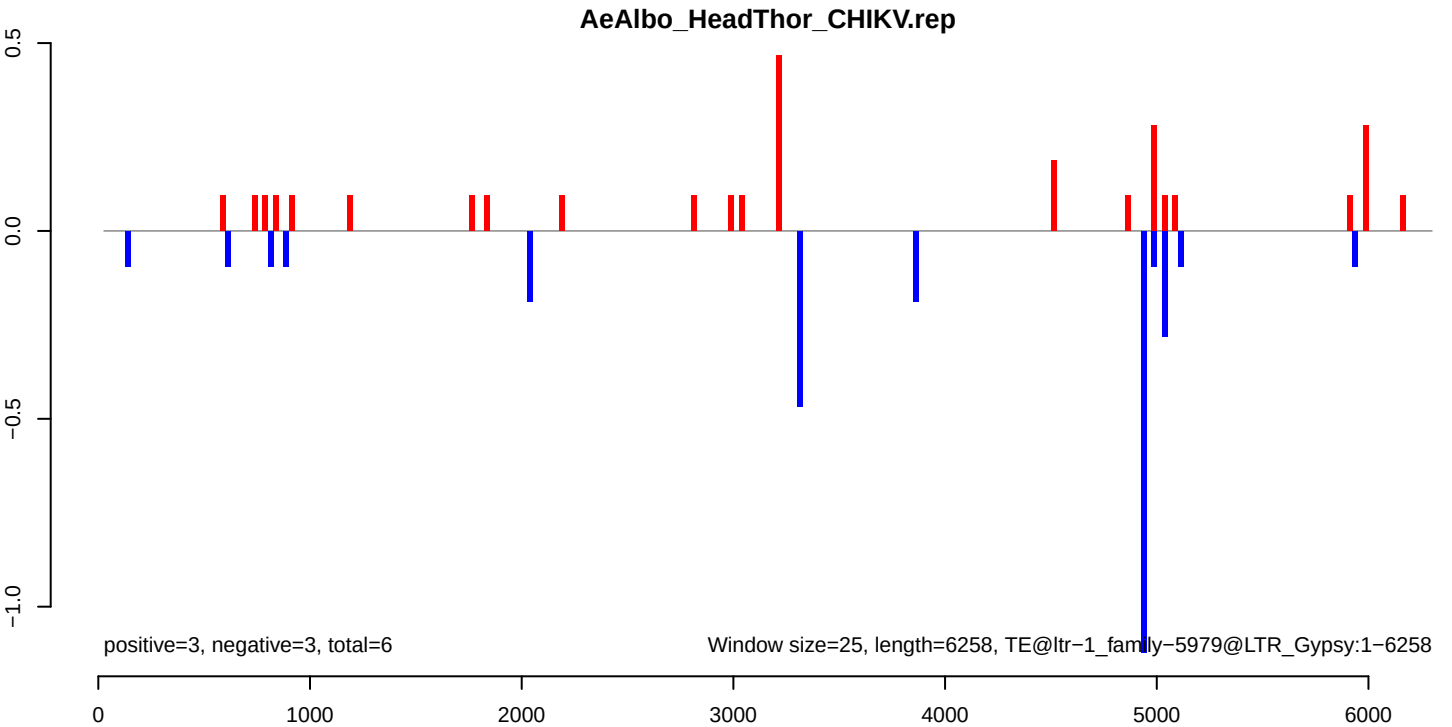

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=5, negative=2, total=7
Window size=25, length=6368, TE@ltr−1_family−6132@LTR_Pao:1−6368
0
1000
2000
3000
4000
5000
6000

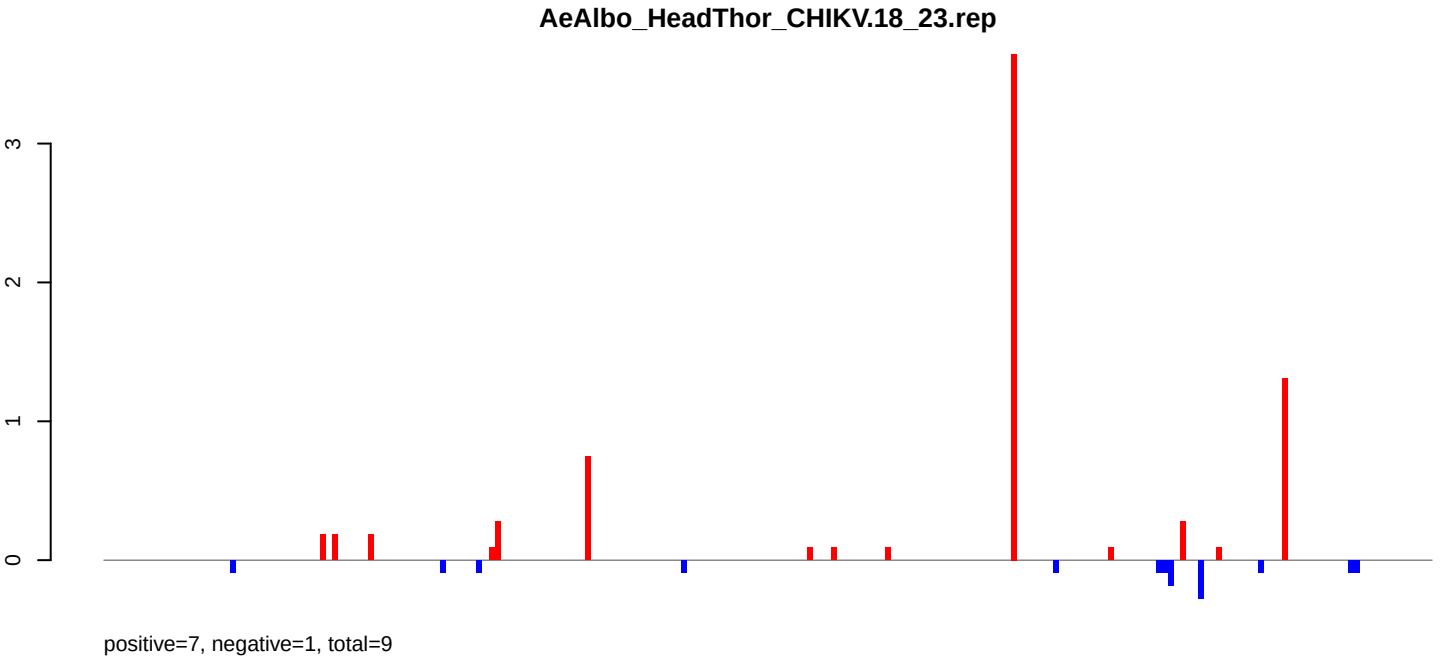

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=14, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=14, total=24
Window size=25, length=3484, TE@ltr−1_family−6060@LINE_CR1:1−3484
2
0
−2
−4
−6
0
500
1000
1500
2000
2500
3000
3500

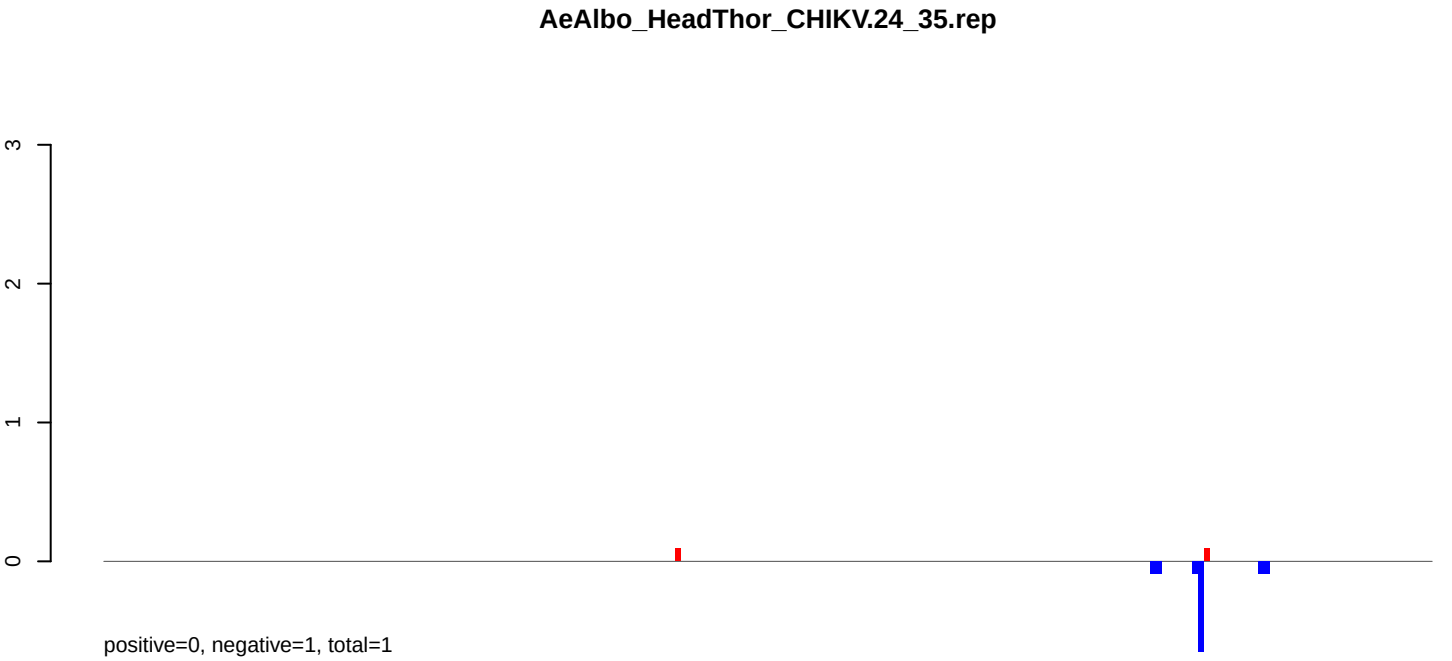

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4
Window size=25, length=7016, TE@ltr−1_family−6029@LTR:1−7016
0
1000
2000
3000
4000
5000
6000
7000

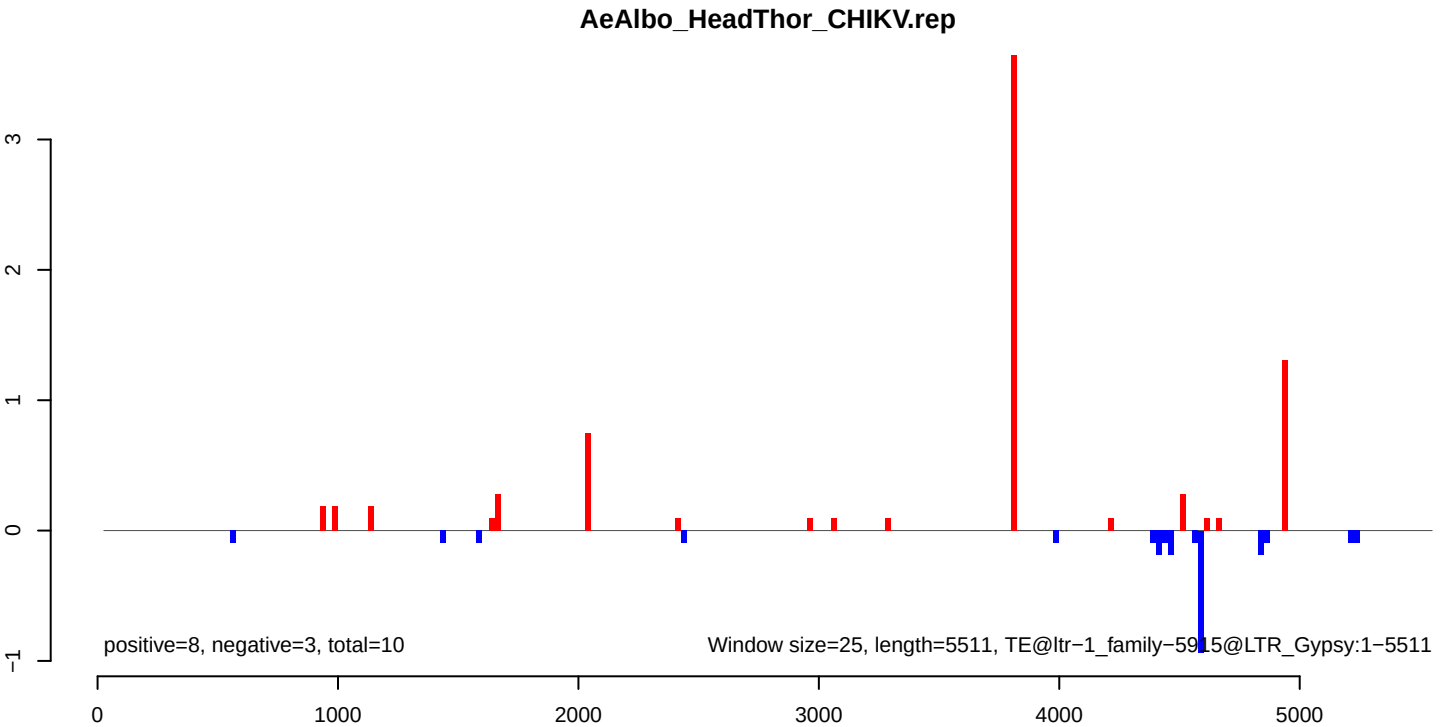

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6

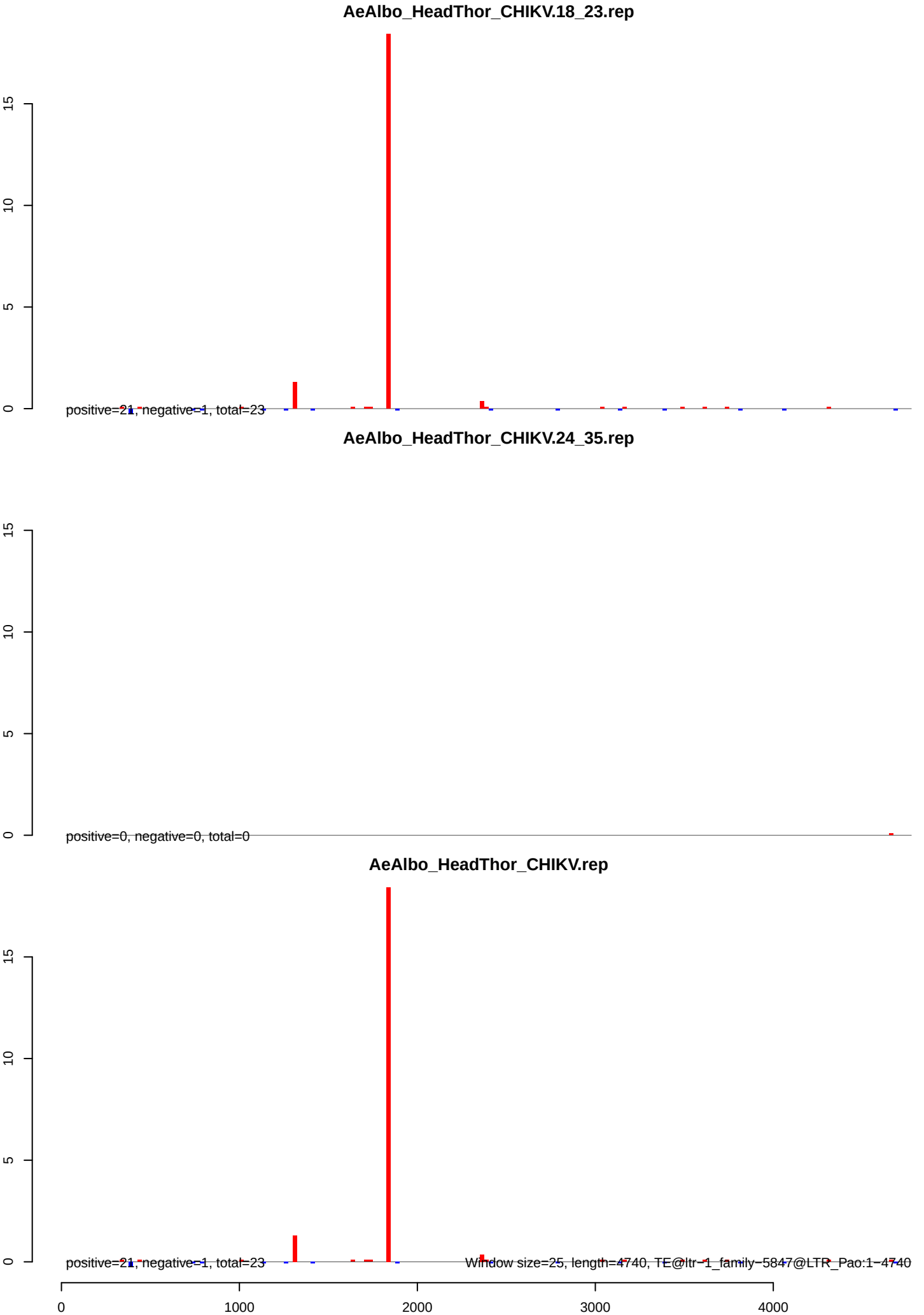
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

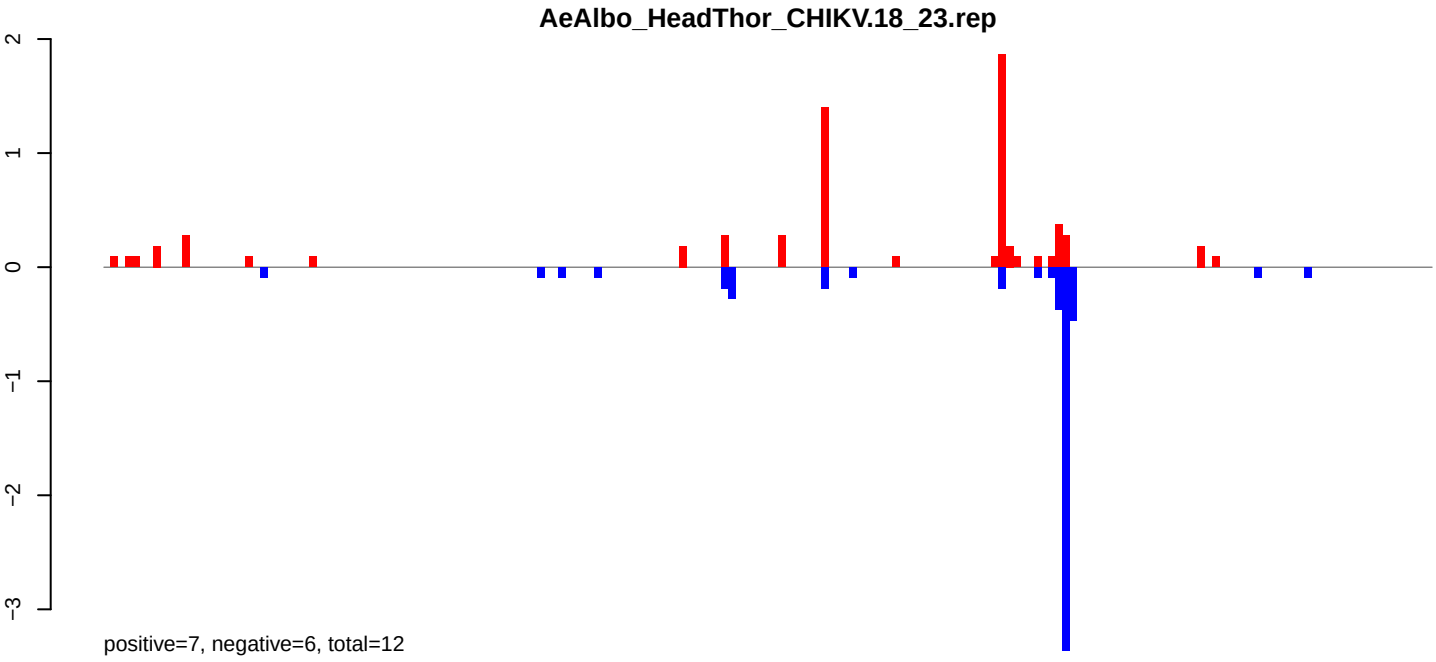

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
Window size=25, length=6258, TE@ltr−1_family−5979@LTR_Gypsy:1−6258
0
1000
2000
3000
4000
5000
6000

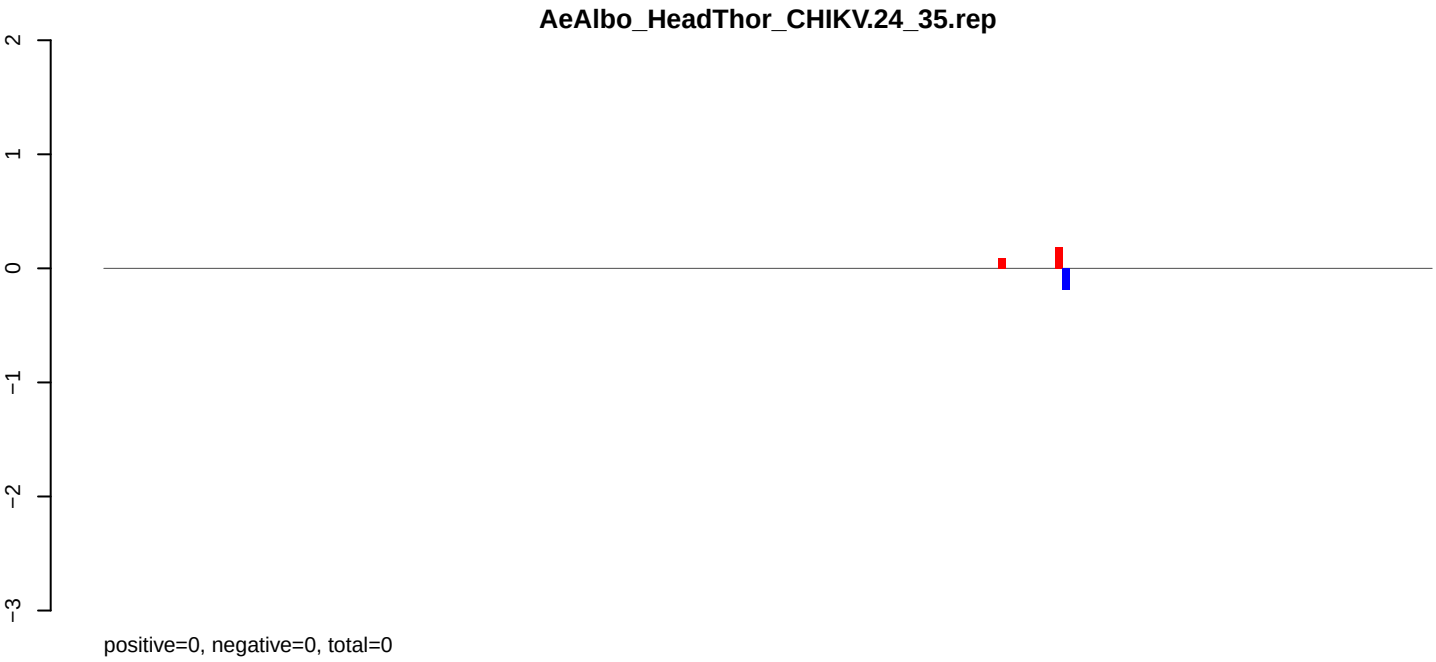

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
positive=7, negative=1, total=9

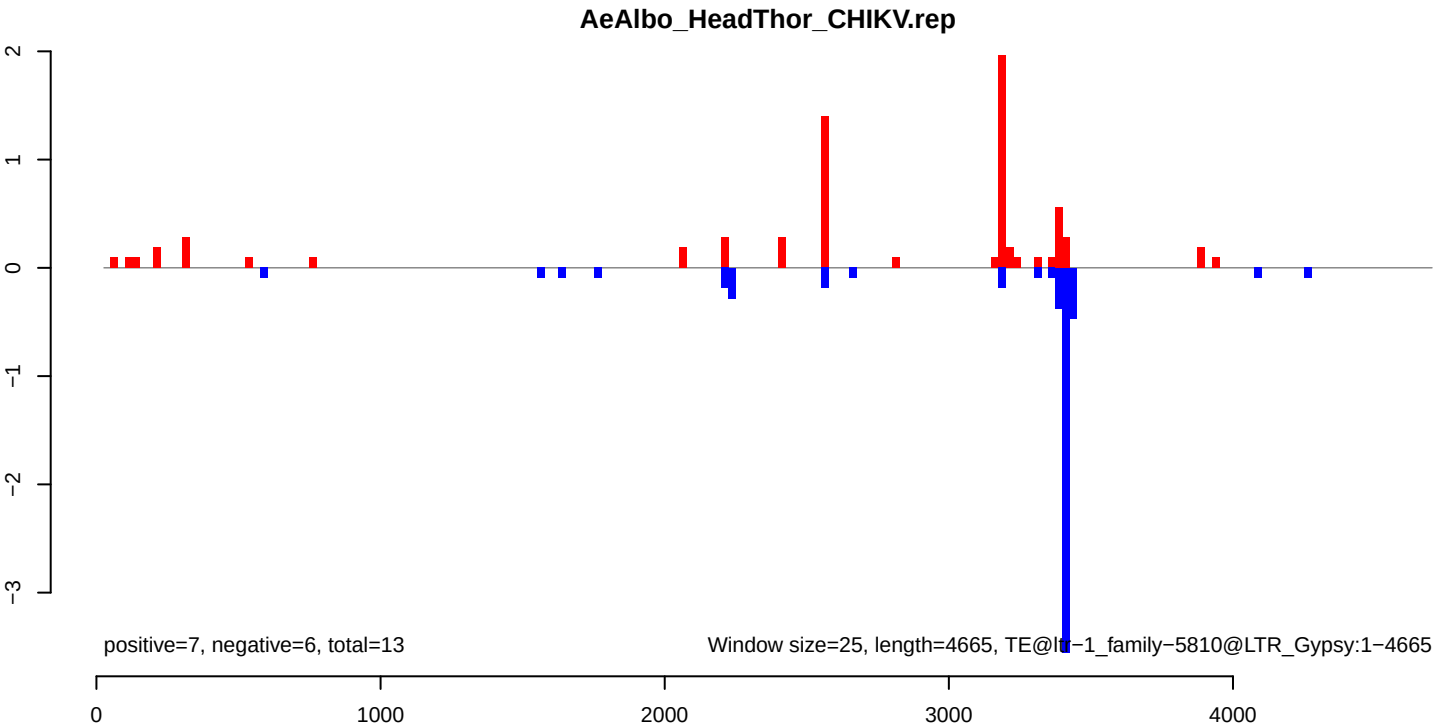

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
positive=0, negative=1, total=1

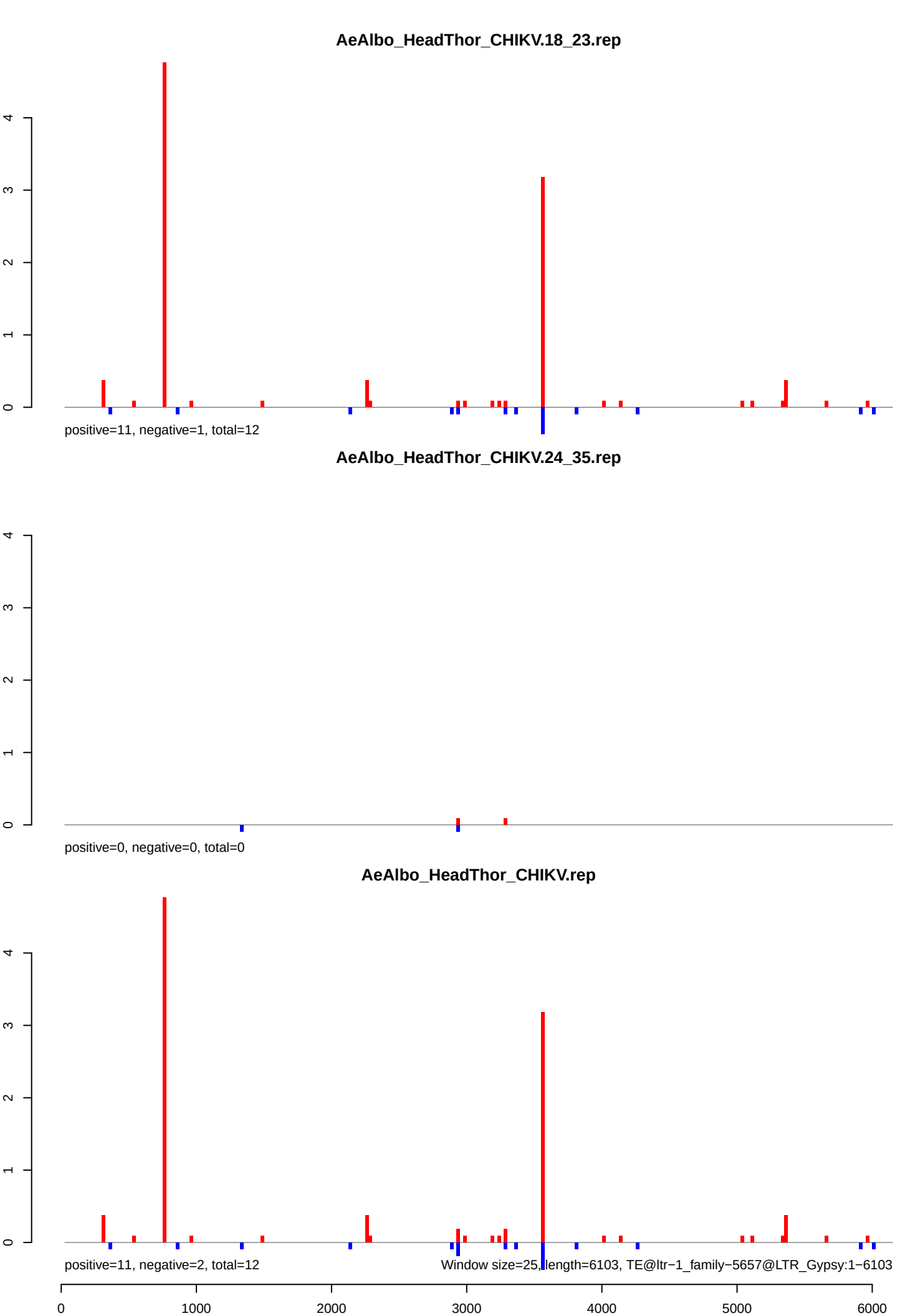

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
positive=8, negative=3, total=10
Window size=25, length=5511, TE@ltr−1_family−5915@LTR_Gypsy:1−5511
0
1000
2000
3000
4000
5000

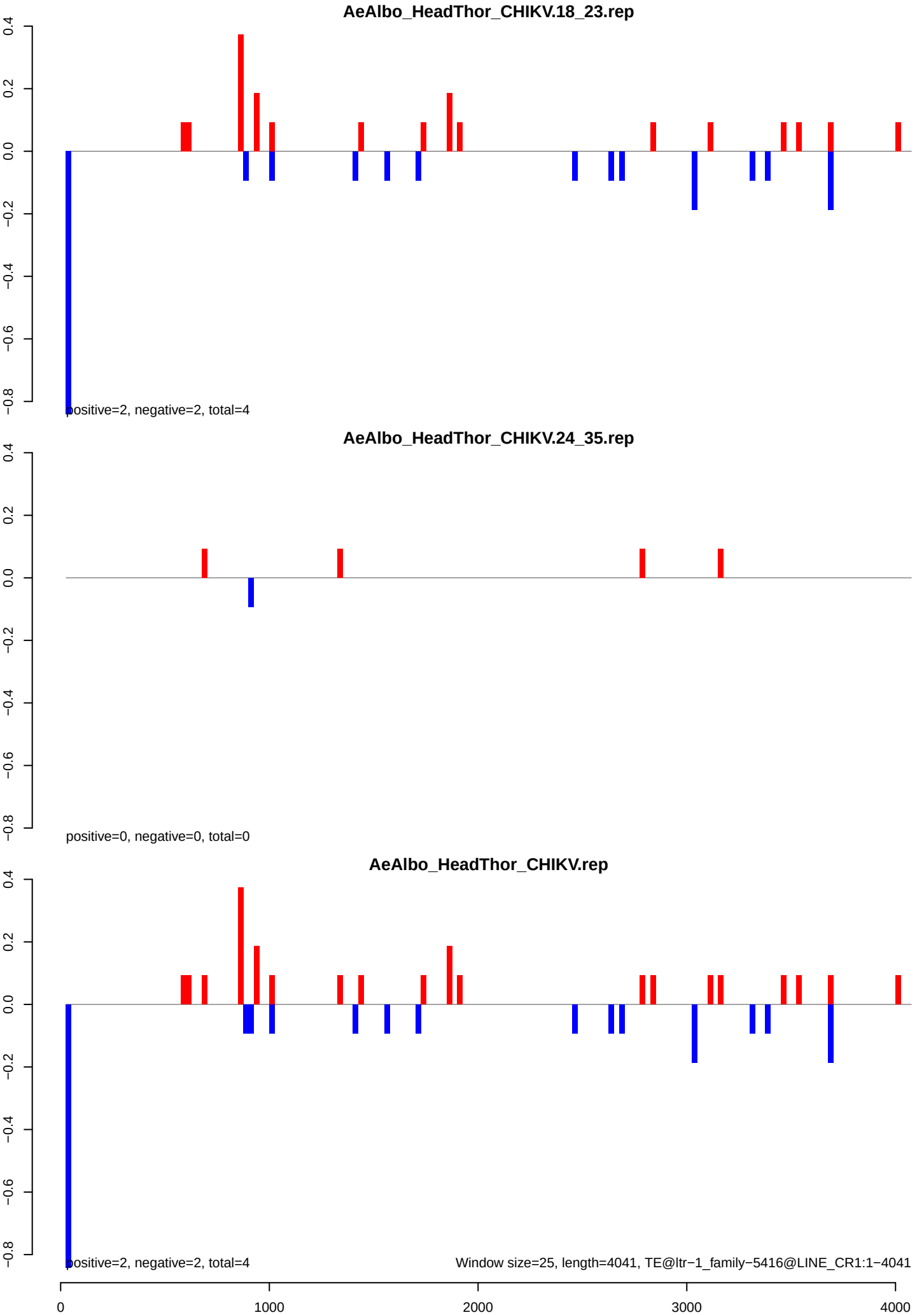

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=21, negative=1, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=21, negative=1, total=23
Window size=25, length=4740, TE@ltr-1_family-5847@LTR_Pao:1-4740
0
5
10
15
0
1000
2000
3000
4000

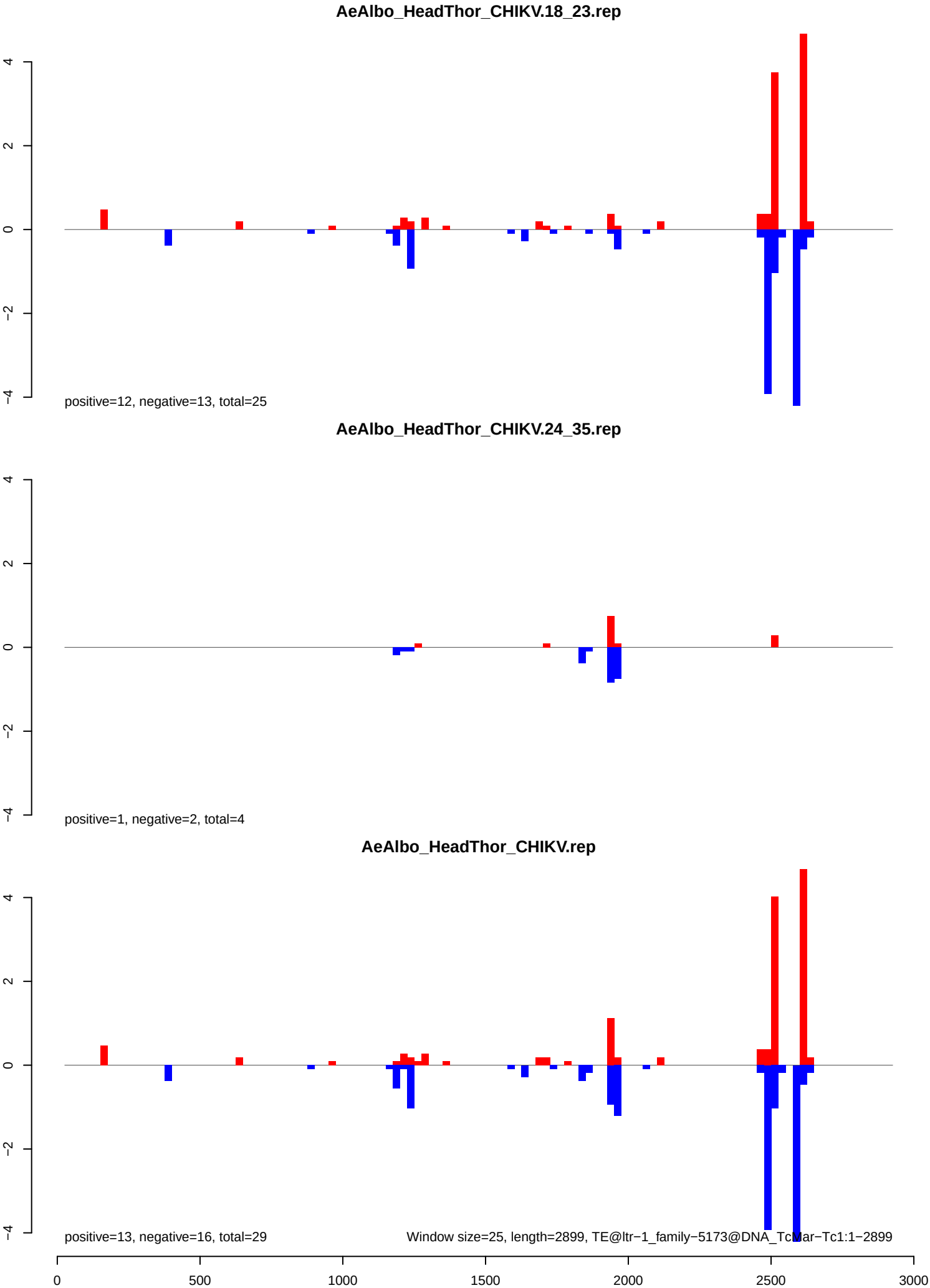

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
−3
positive=7, negative=6, total=12

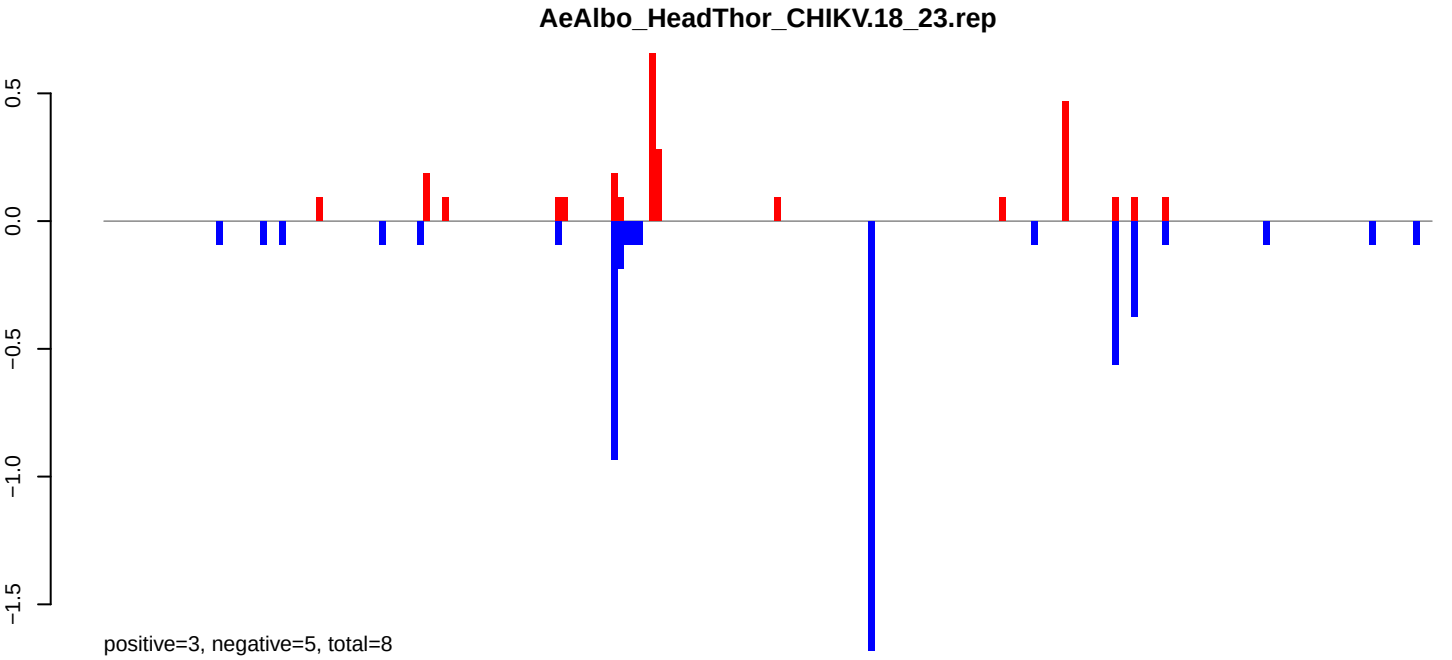

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
−3
positive=0, negative=0, total=0

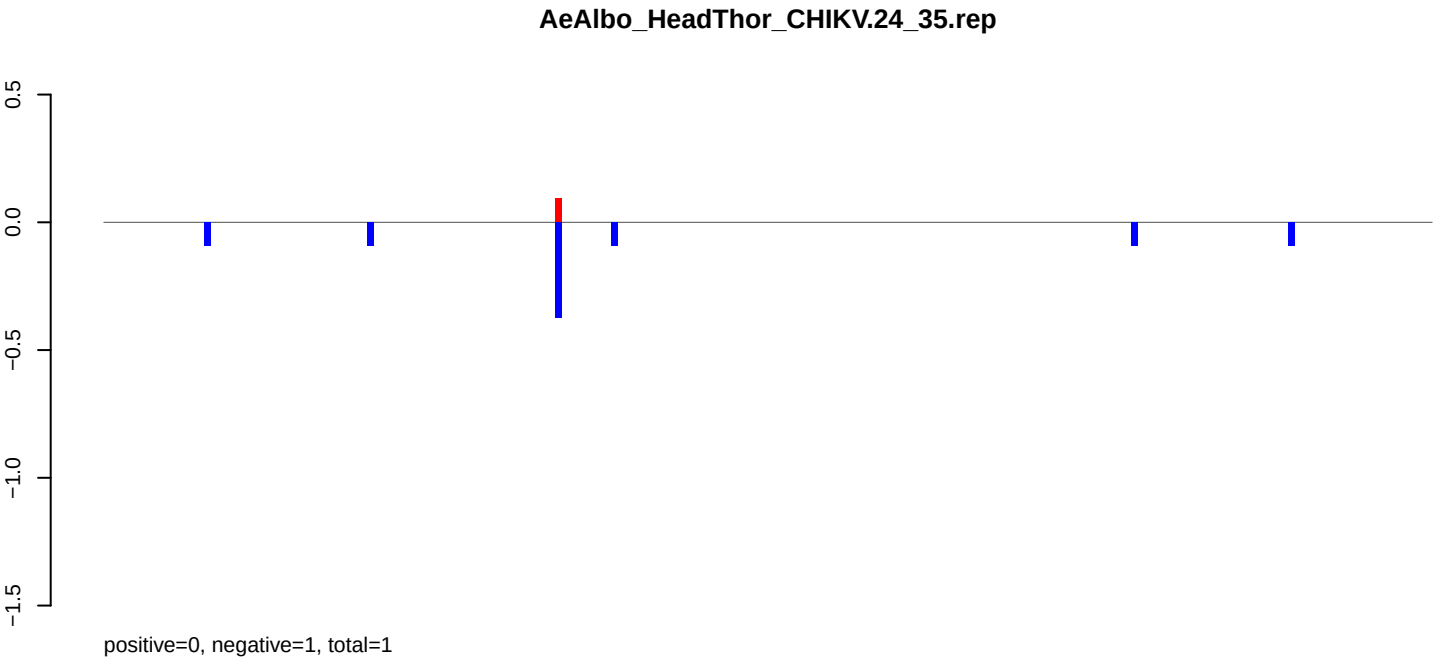

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
−3
positive=7, negative=6, total=13
Window size=25, length=4665, TE@lt−1_family−5810@LTR_Gypsy:1−4665
0
1000
2000
3000
4000

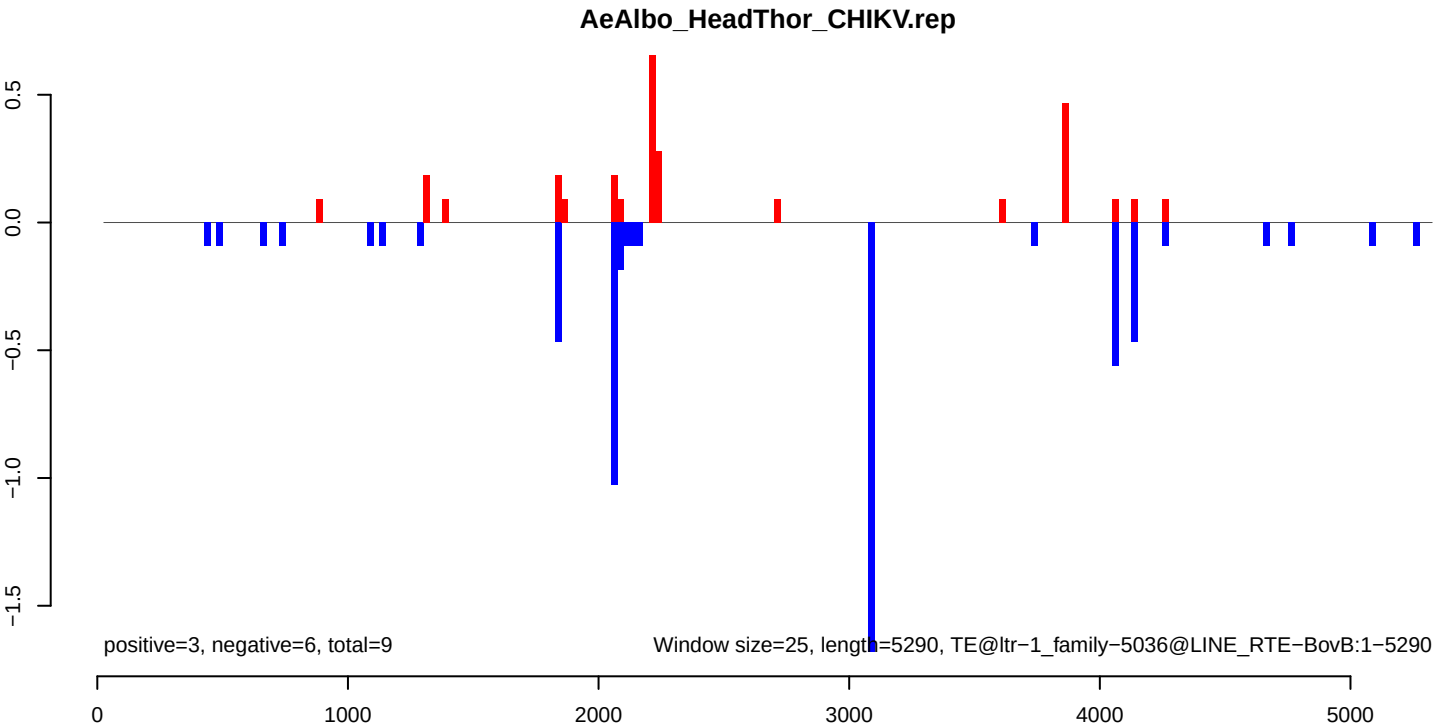

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=11, negative=1, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=11, negative=2, total=12
Window size=25, length=6103, TE@ltr−1_family−5657@LTR_Gypsy:1−6103
0
1000
2000
3000
4000
5000
6000

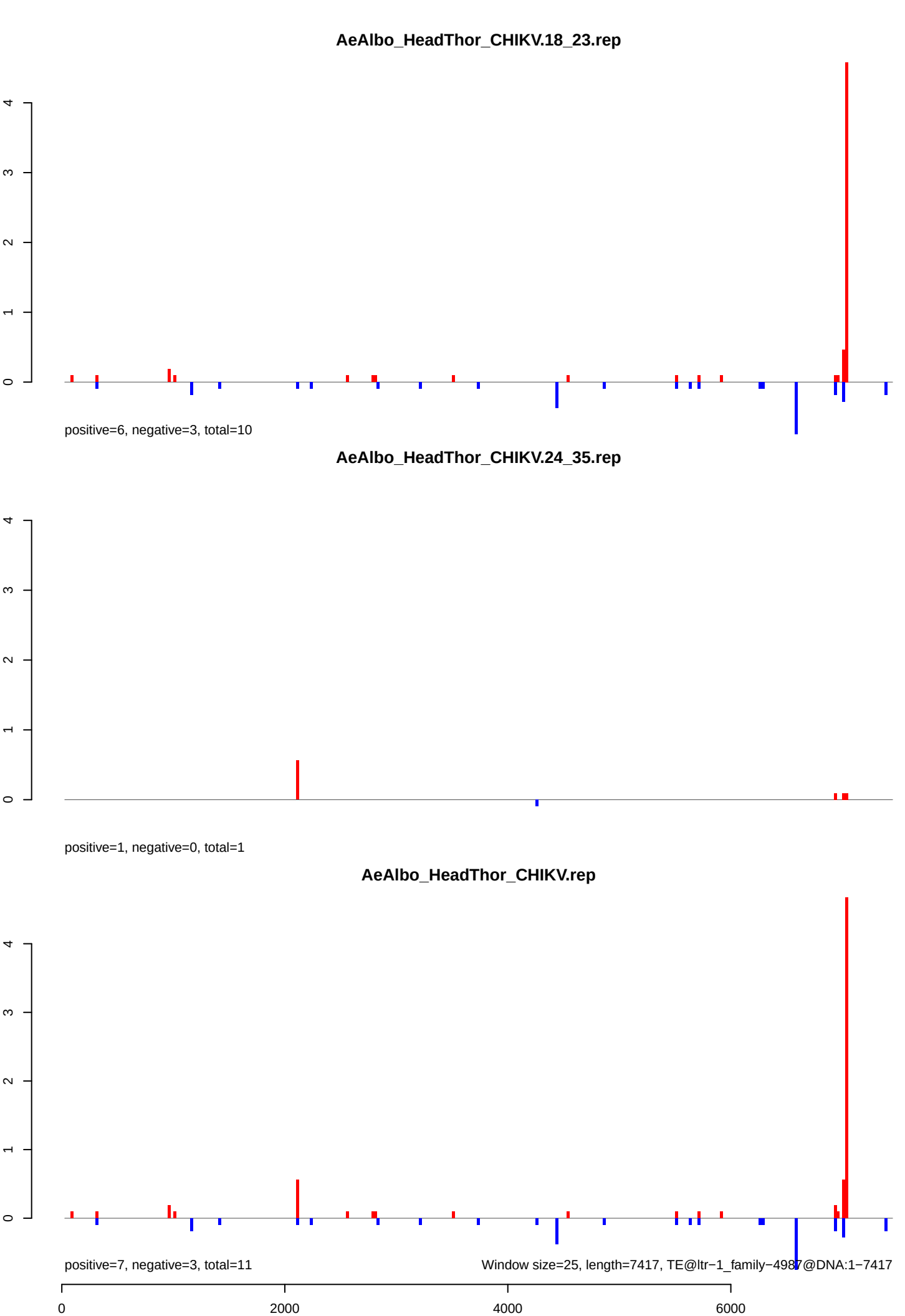

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=2, total=4
Window size=25, length=4041, TE@ltr−1_family−5416@LINE_CR1:1−4041
0
1000
2000
3000
4000

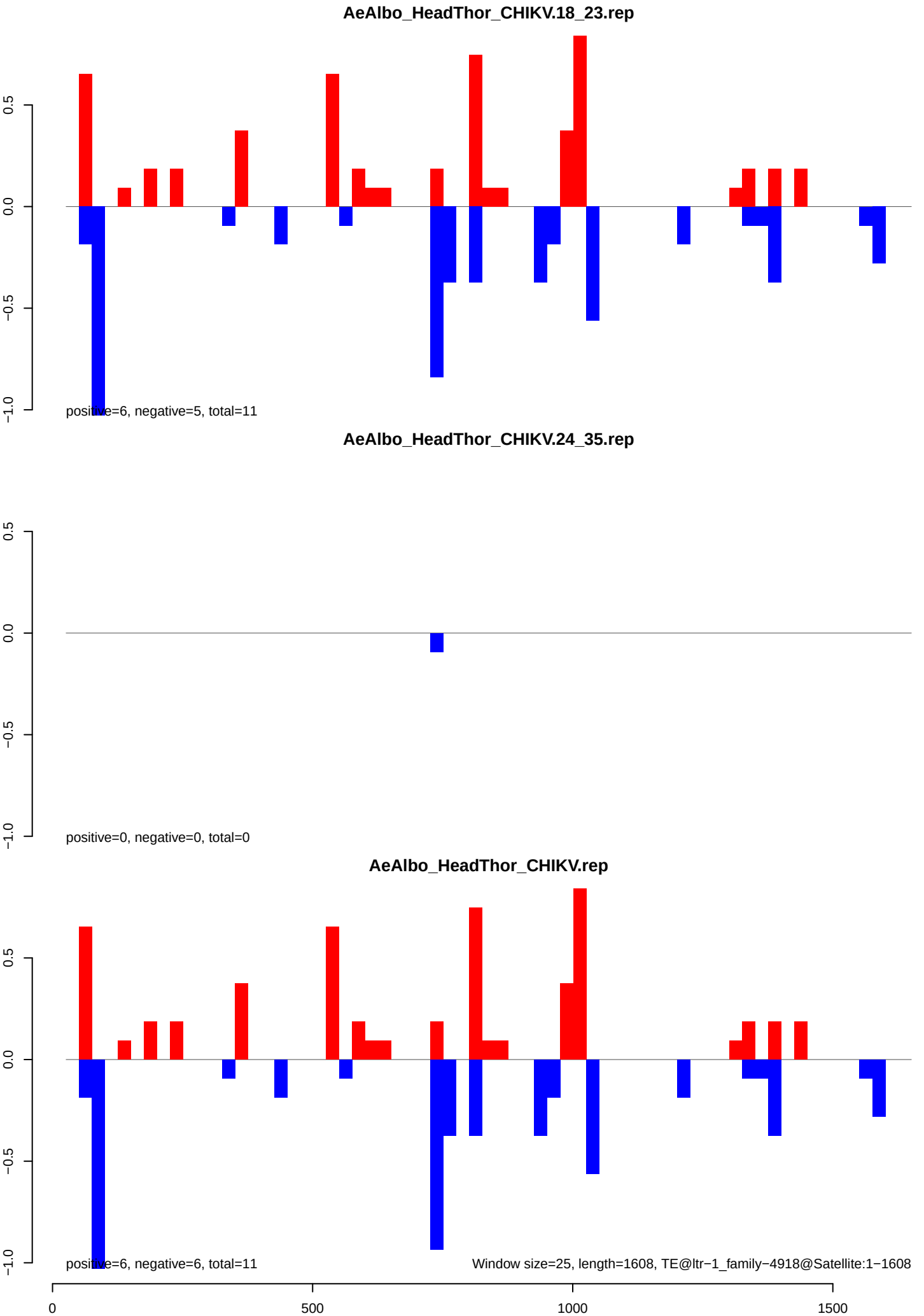

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=12, negative=13, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=16, total=29
Window size=25, length=2899, TE@ltr−1_family−5173@DNA_TcMar−Tc1:1−2899
4
2
0
−2
−4
0
500
1000
1500
2000
2500
3000

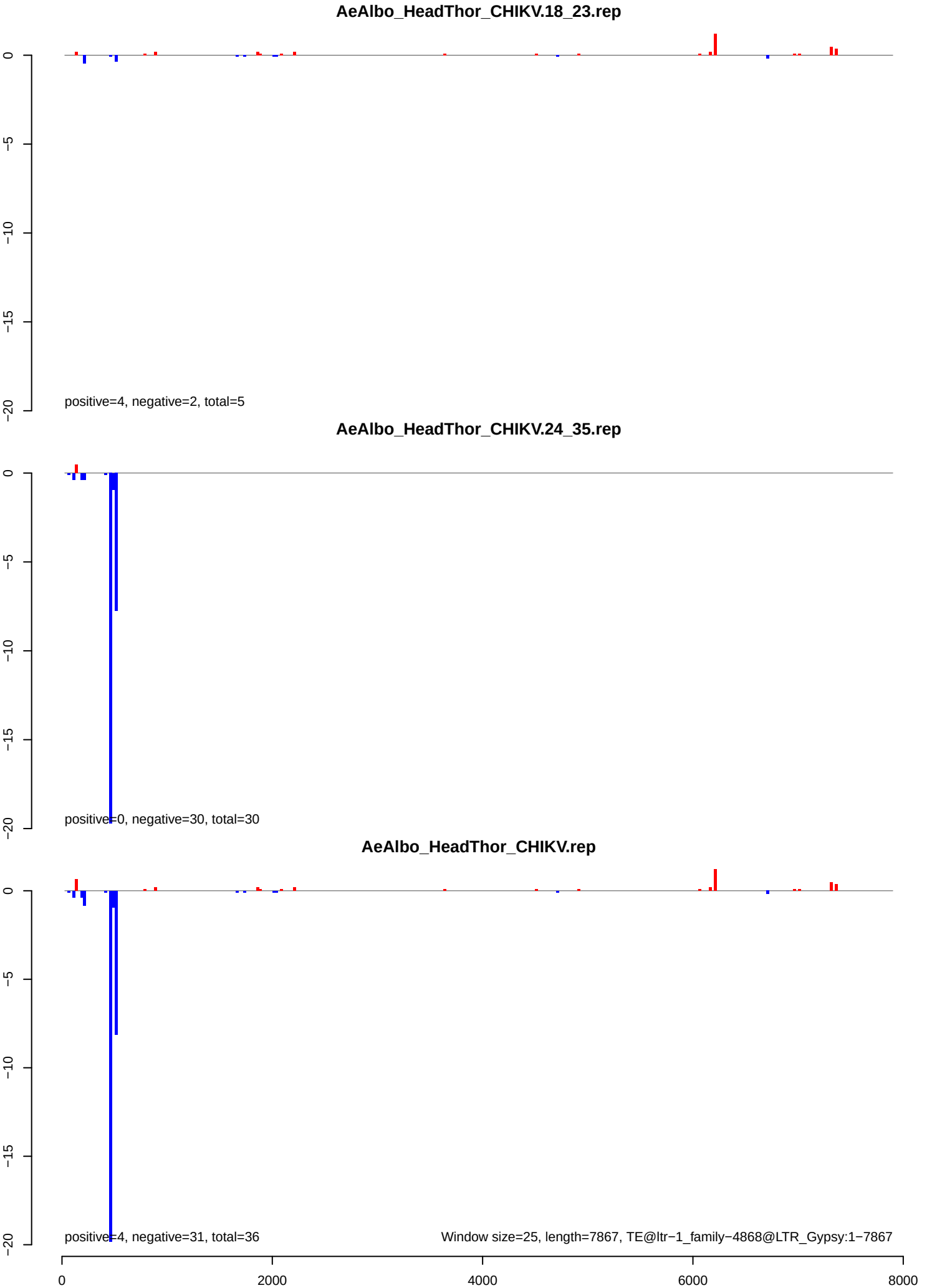

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=5, total=8

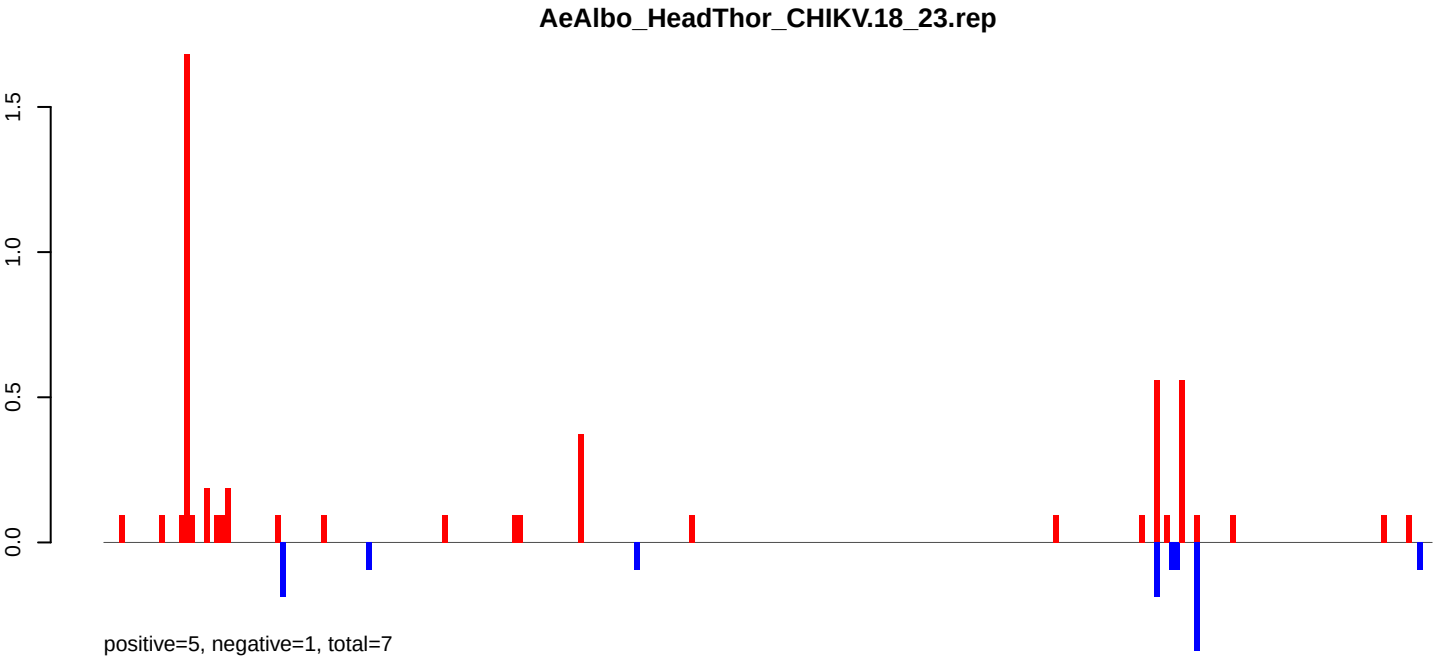

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=1, total=1

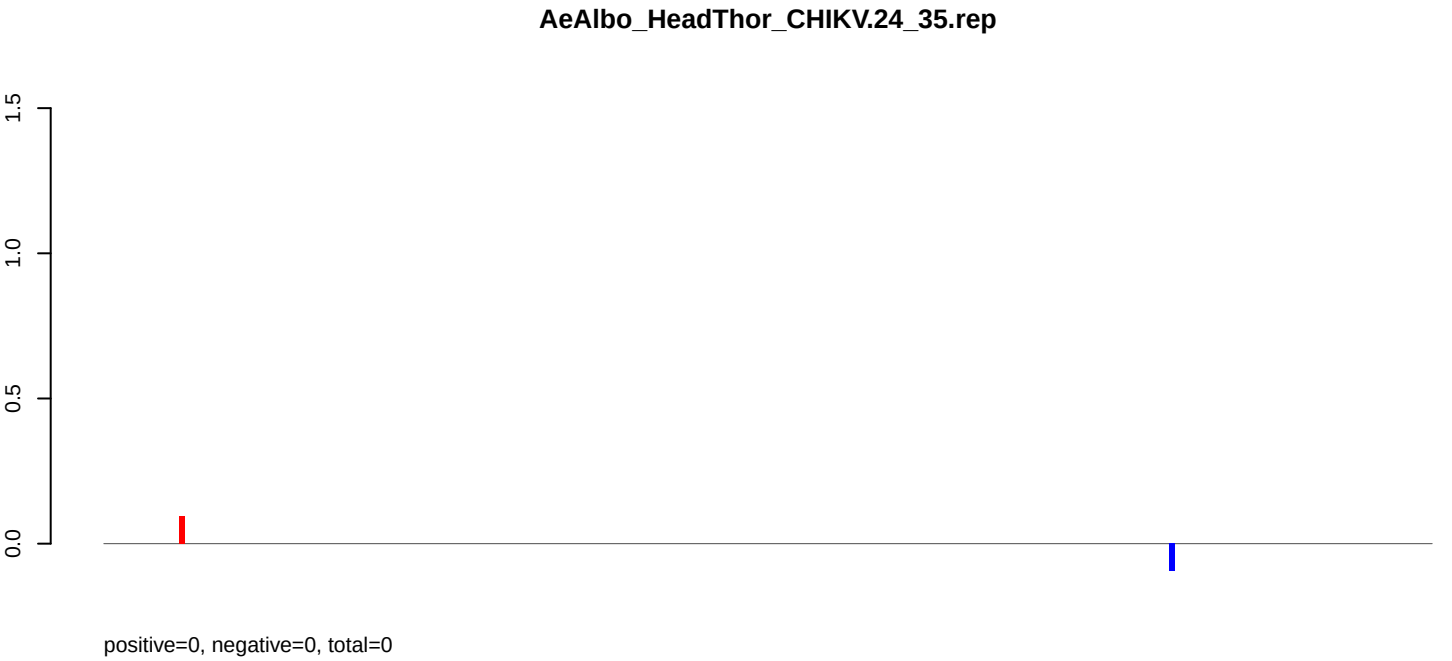

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=6, total=9
Window size=25, length=5290, TE@ltr−1_family−5036@LINE_RTE−BovB:1−5290
0
1000
2000
3000
4000
5000

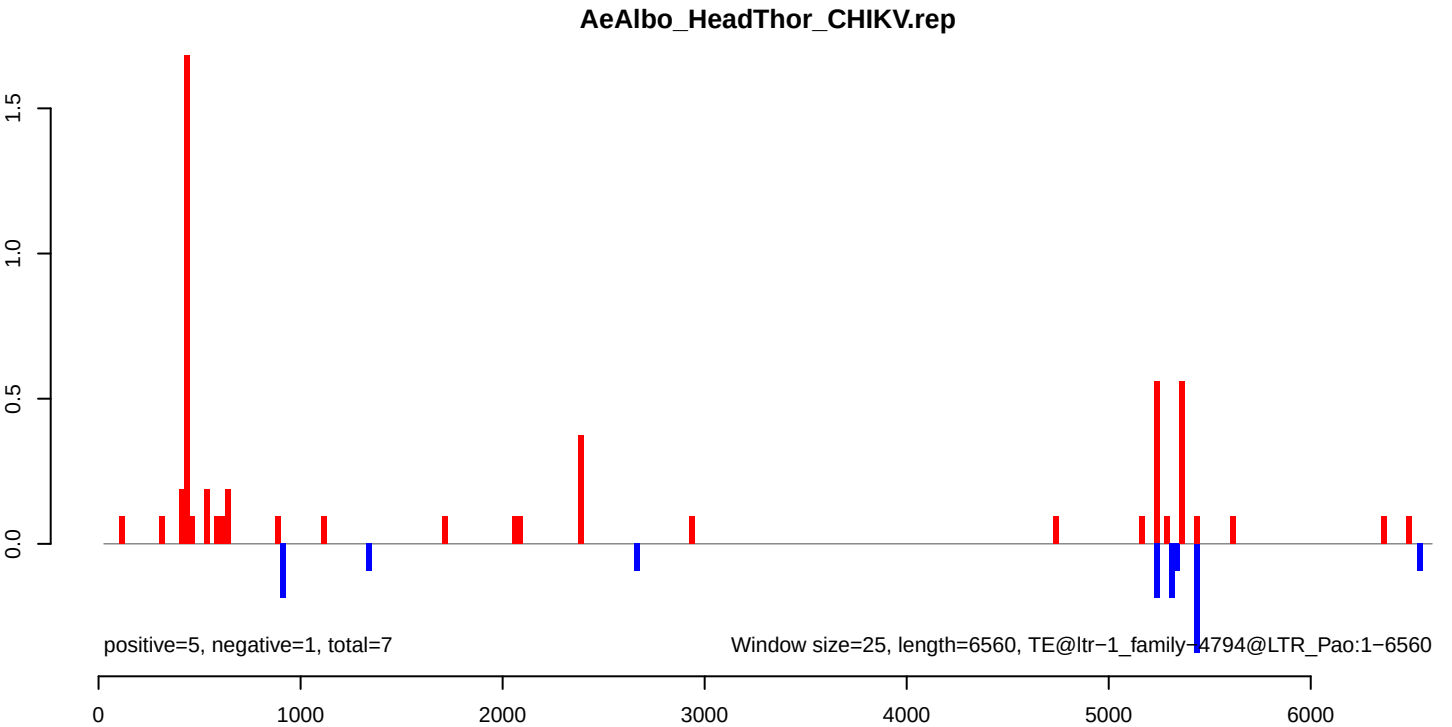

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=6, negative=3, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=7, negative=3, total=11
Window size=25, length=7417, TE@ltr−1_family−4987@DNA:1−7417
0
2000
4000
6000

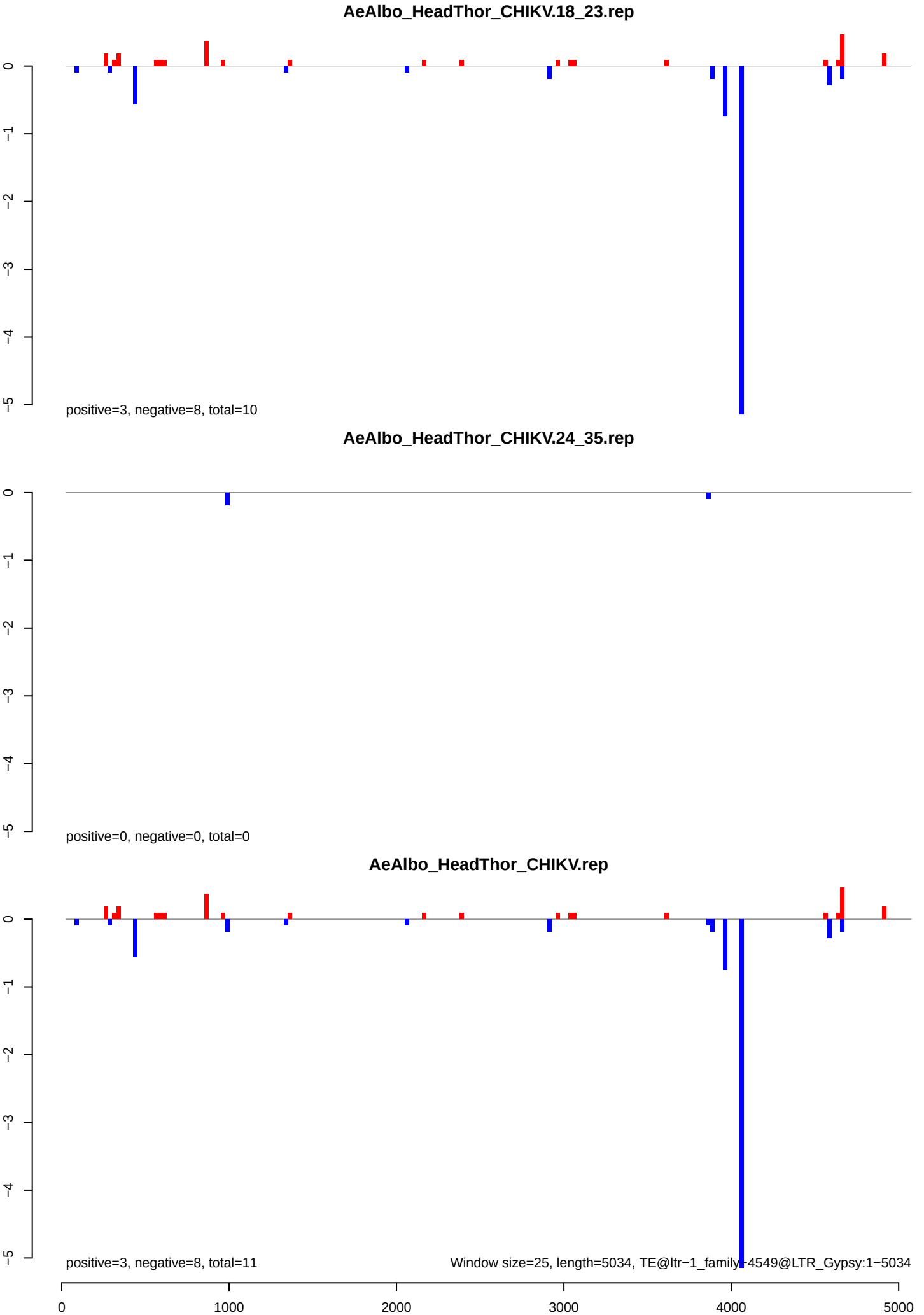

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=6, negative=5, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=6, negative=6, total=11
Window size=25, length=1608, TE@ltr−1_family−4918@Satellite:1−1608
0
500
1000
1500

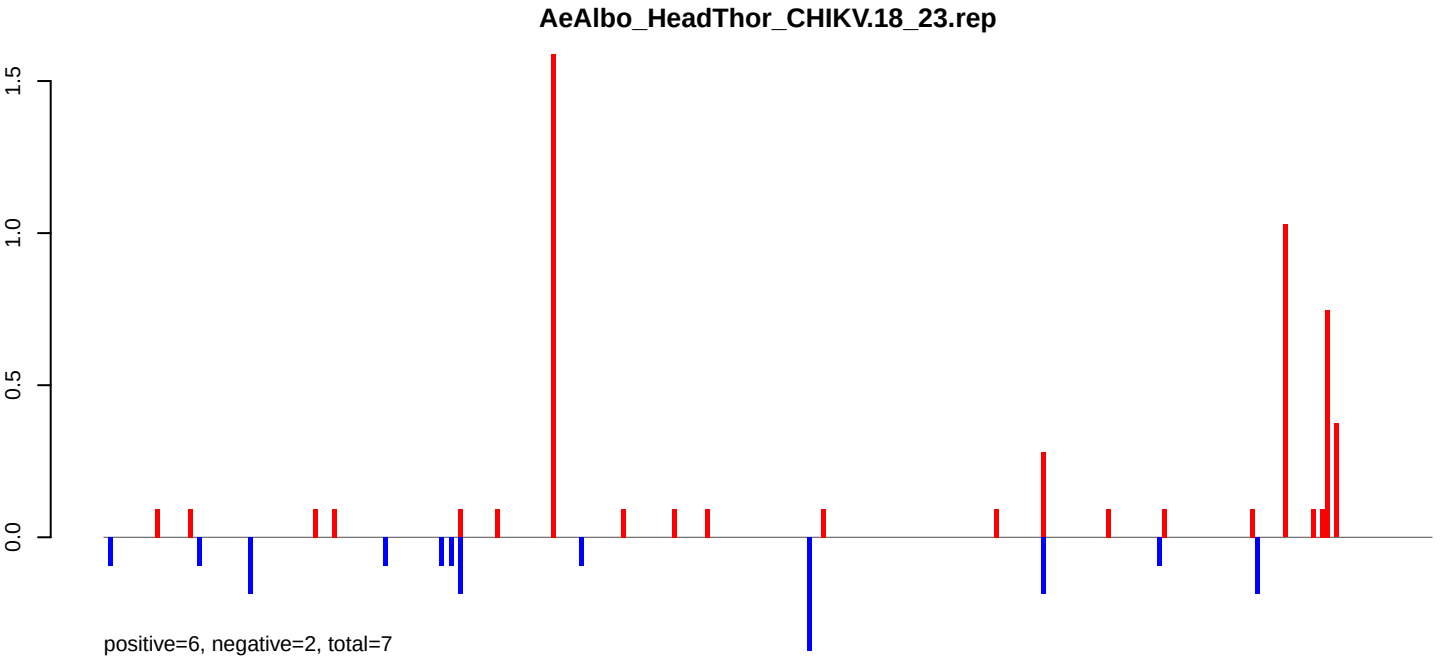

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=4, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=30, total=30
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=4, negative=31, total=36
Window size=25, length=7867, TE@ltr−1_family−4868@LTR_Gypsy:1−7867
0
2000
4000
6000
8000

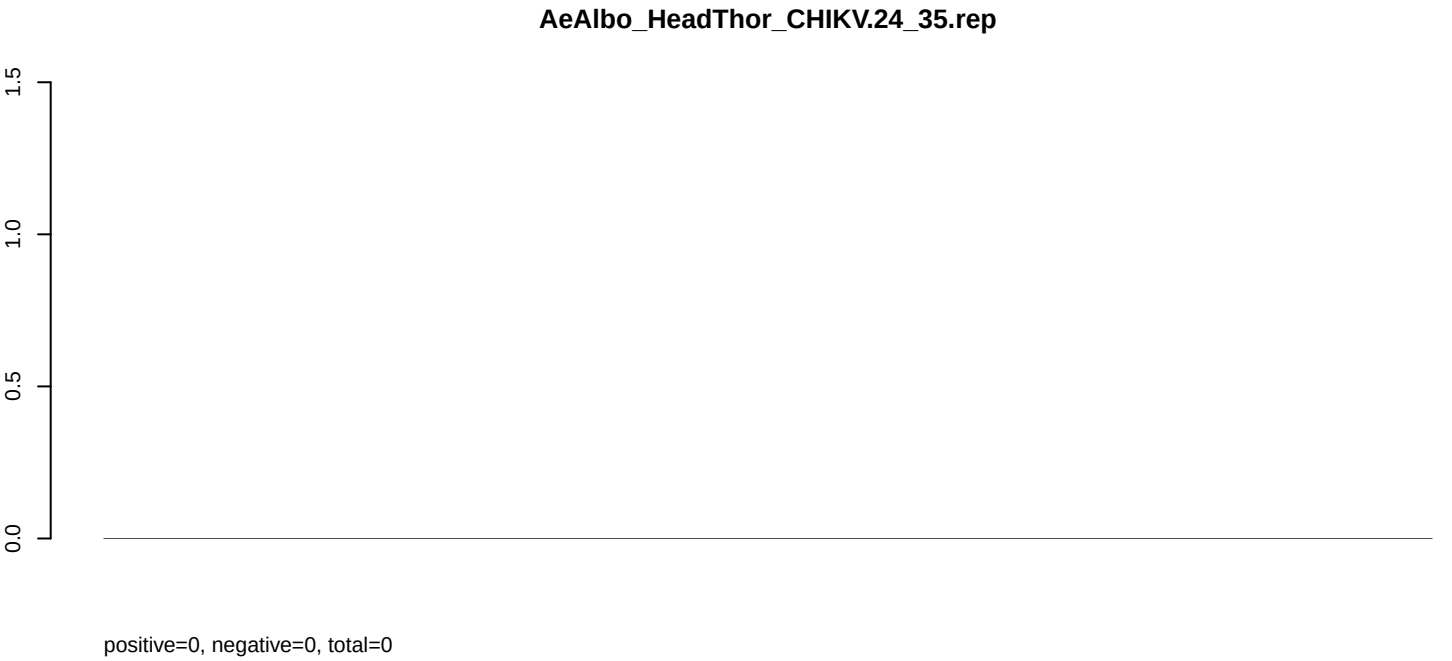

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=5, negative=1, total=7

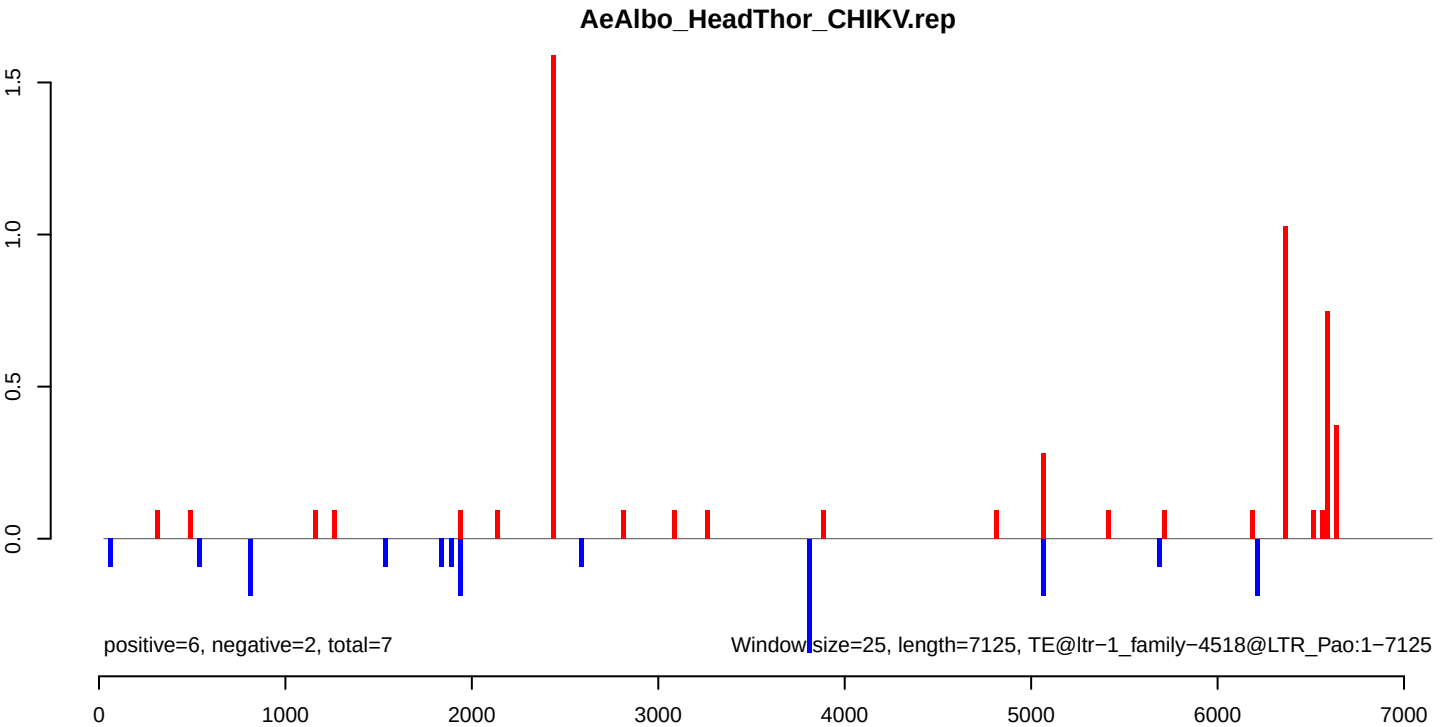

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

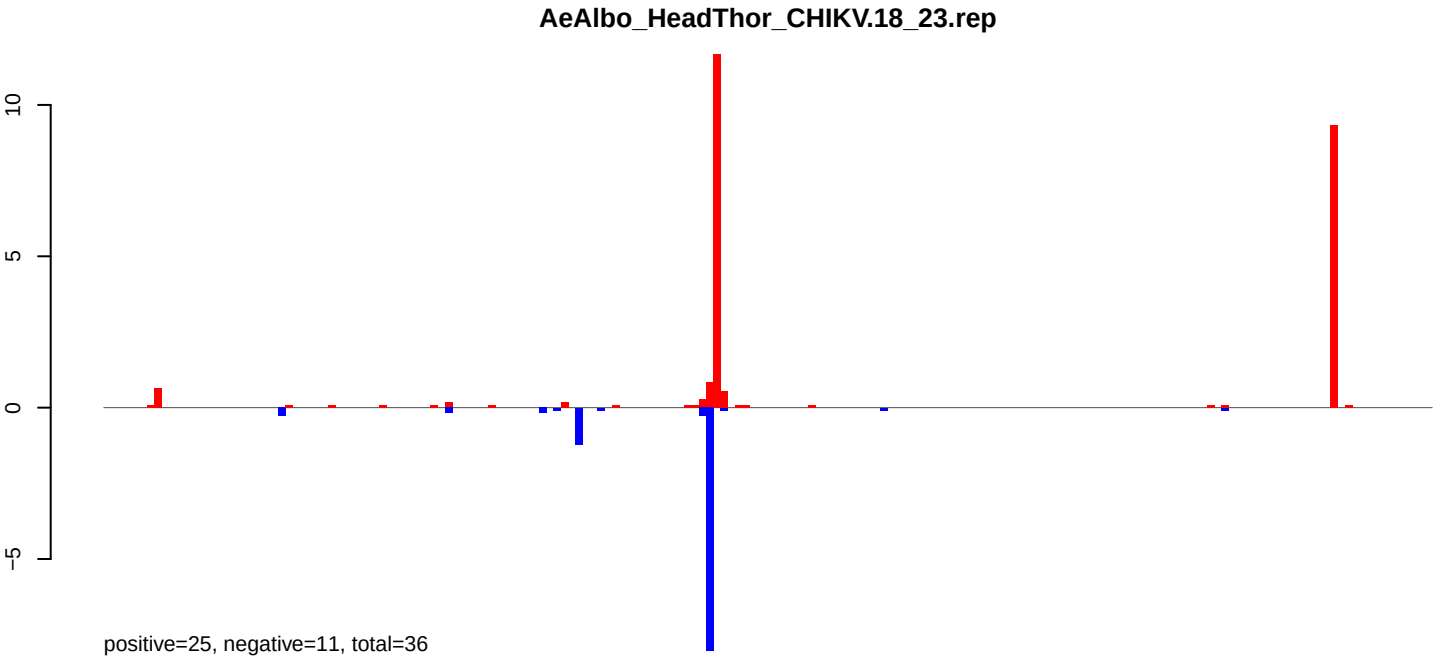

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=5, negative=1, total=7
Window size=25, length=6560, TE@ltr−1_family−4794@LTR_Pao:1−6560
0
1000
2000
3000
4000
5000
6000

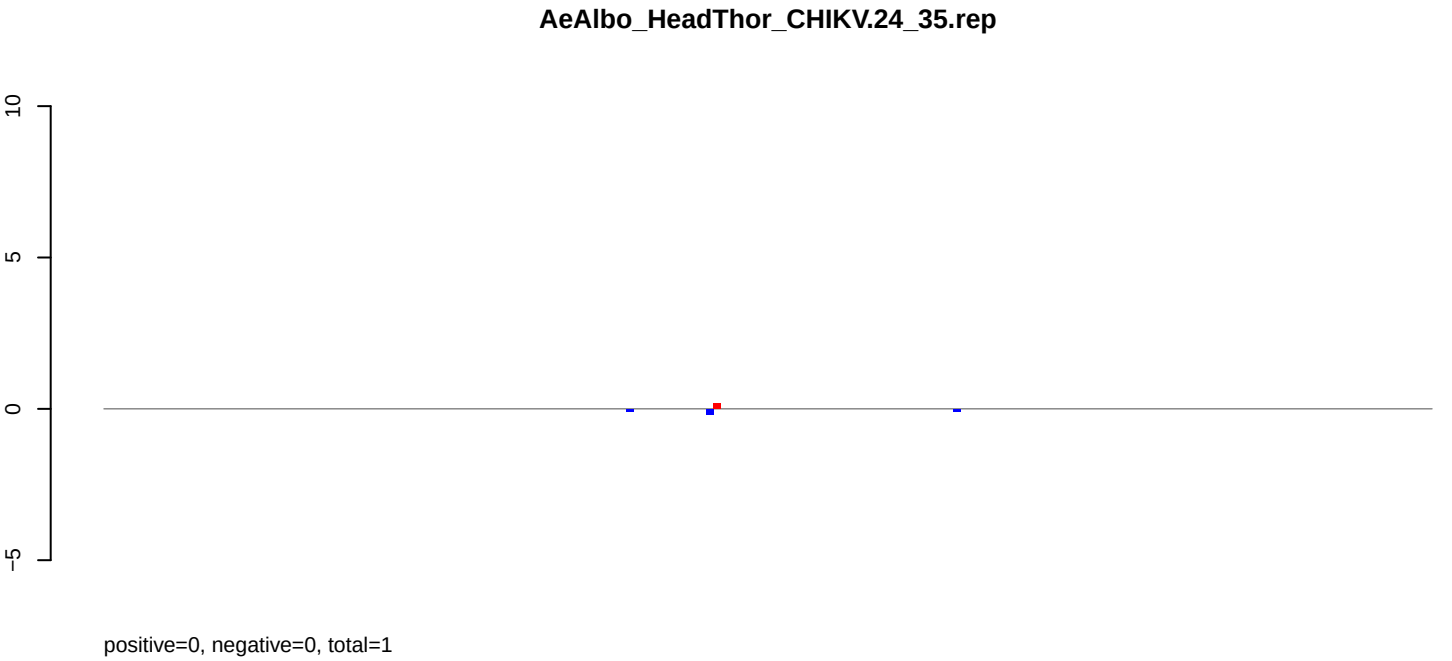

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=3, negative=8, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=3, negative=8, total=11
Window size=25, length=5034, TE@ltr−1_family−4549@LTR_Gypsy:1−5034
0
1000
2000
3000
4000
5000

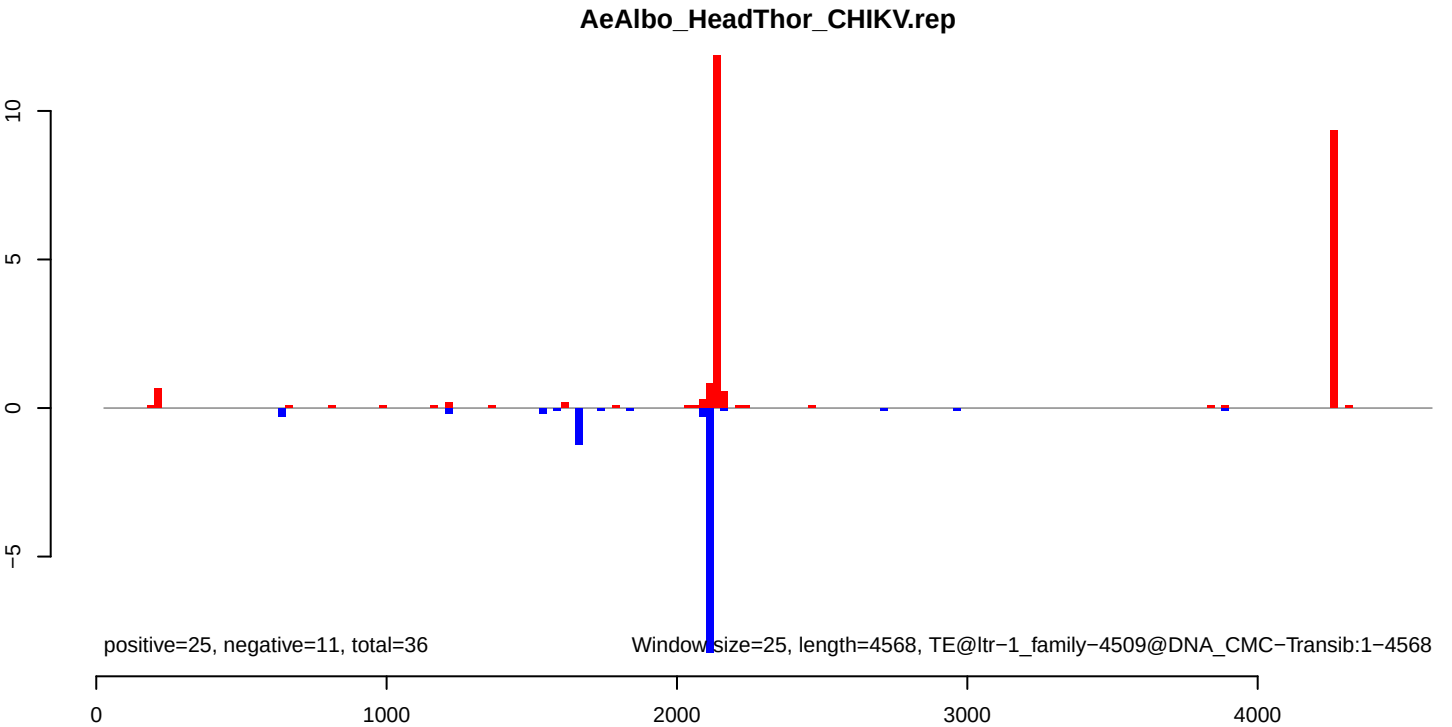

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=6, negative=2, total=7

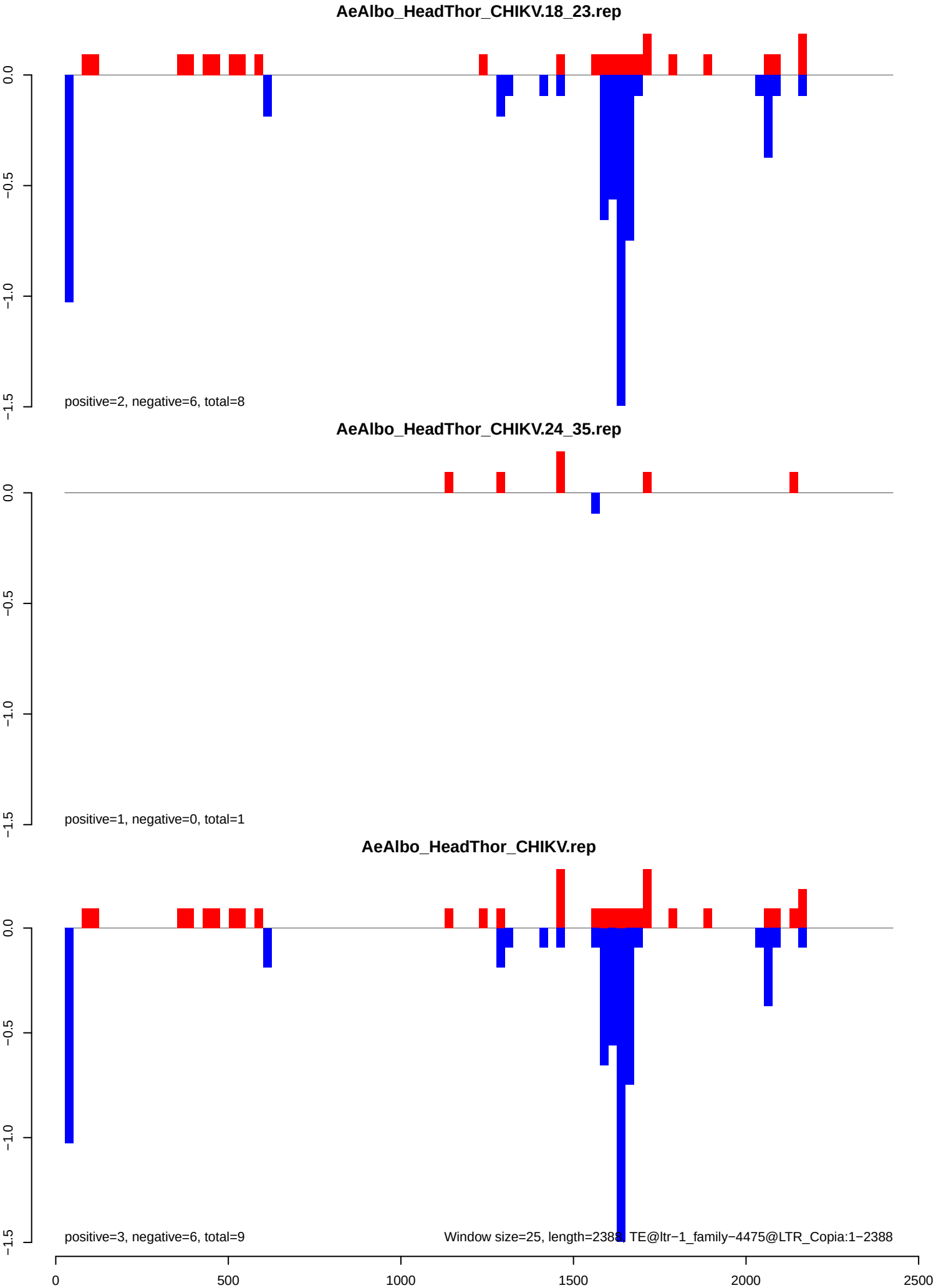

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

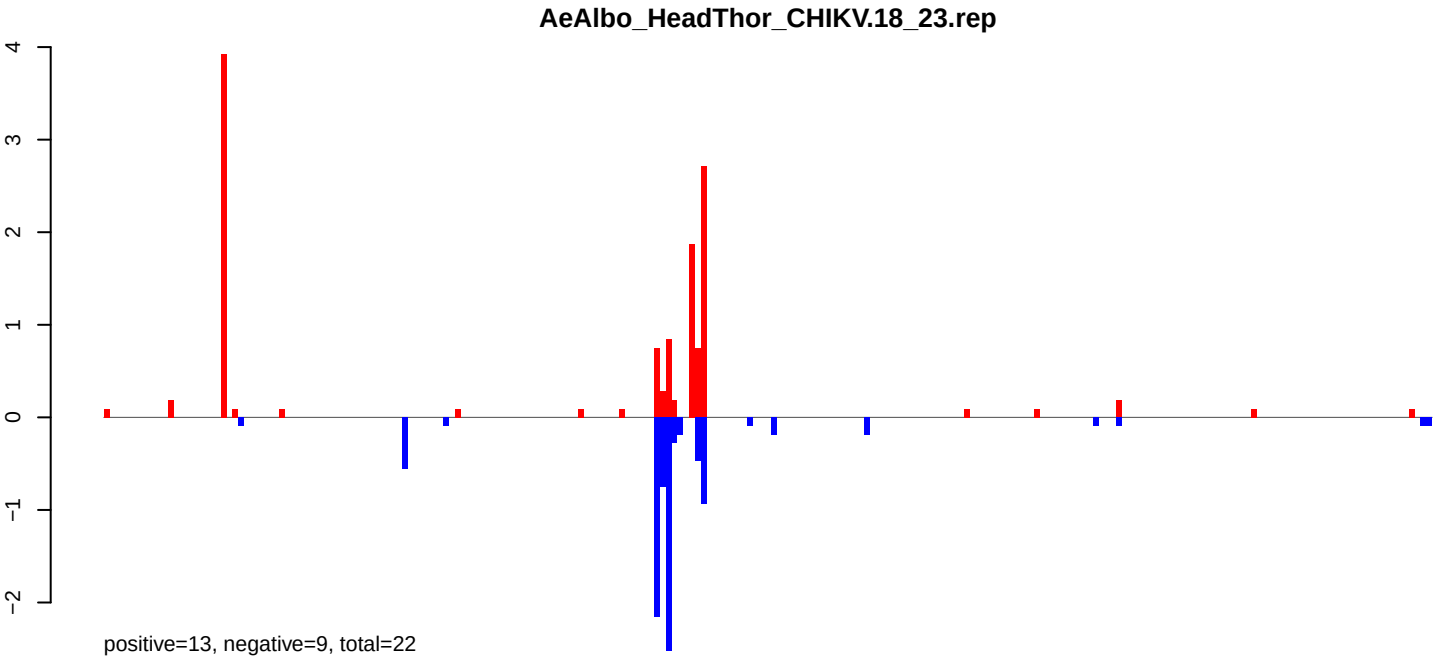

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=6, negative=2, total=7
Window size=25, length=7125, TE@ltr−1_family−4518@LTR_Pao:1−7125
0
1000
2000
3000
4000
5000
6000
7000

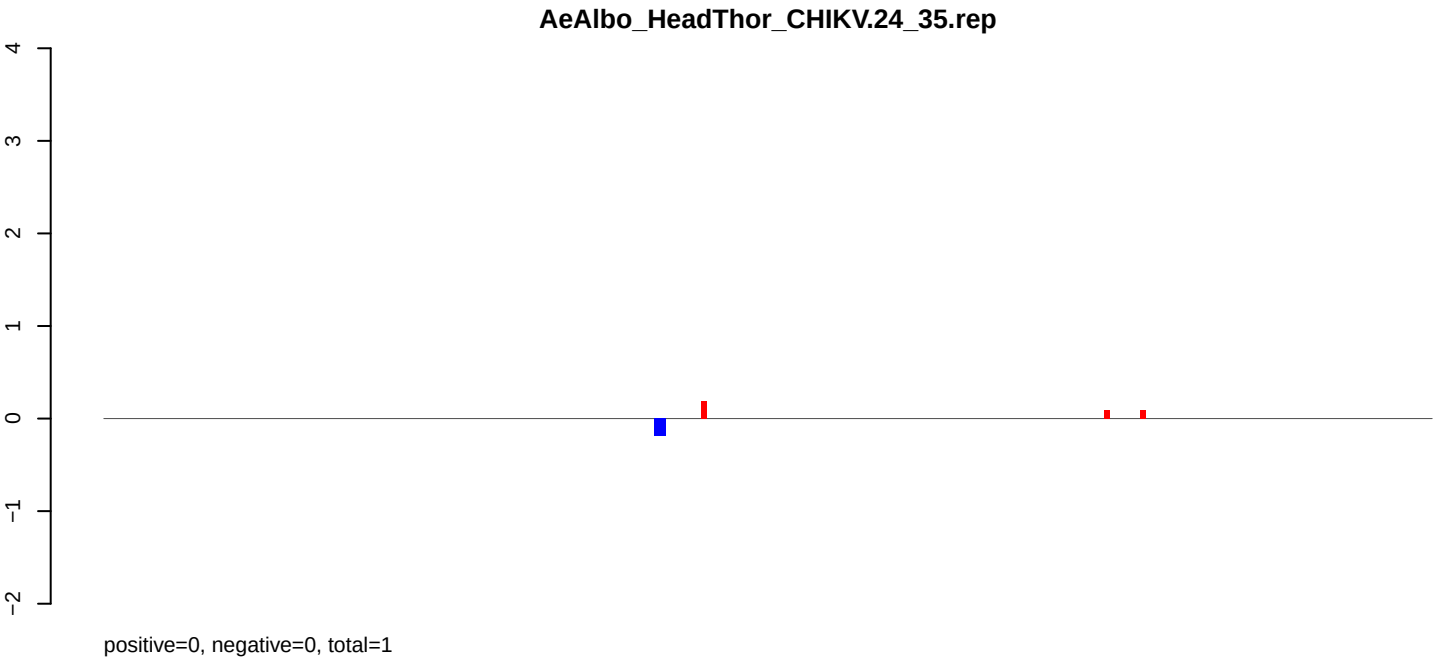

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=25, negative=11, total=36

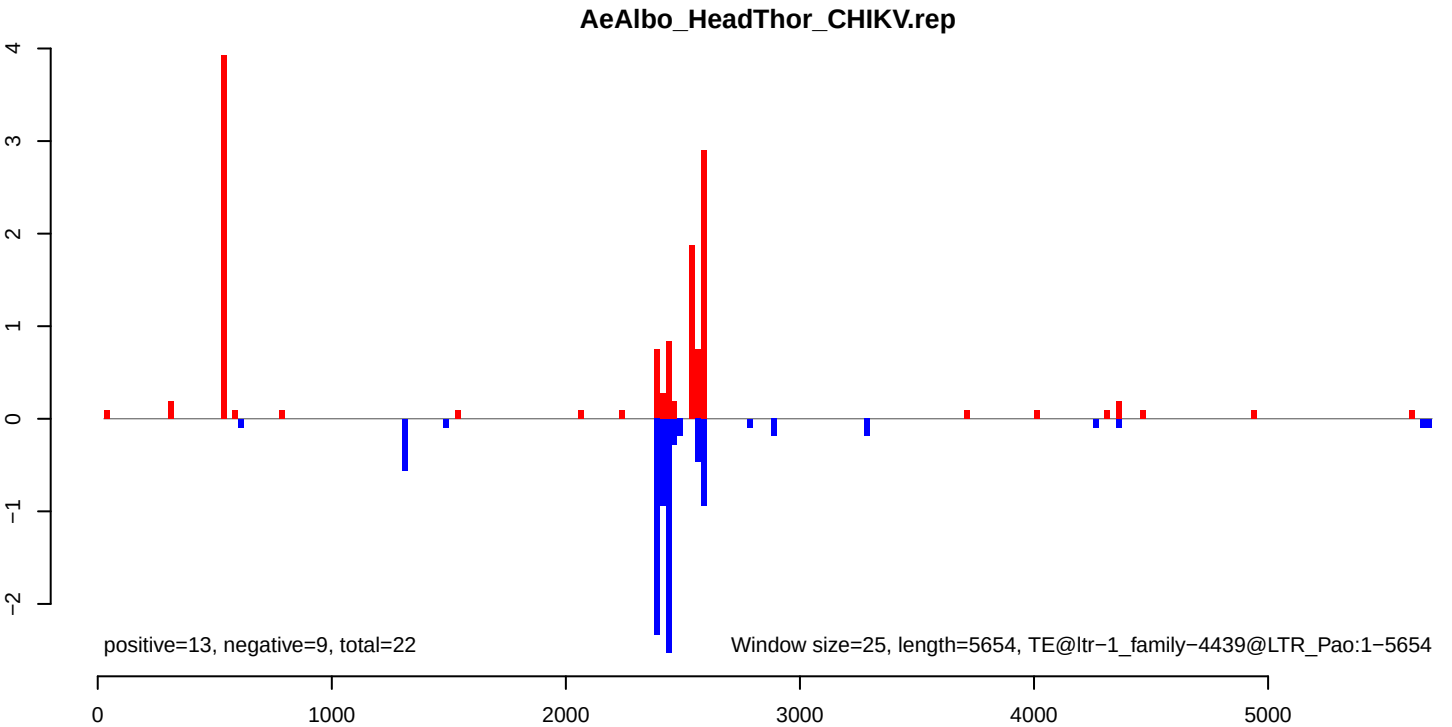

AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=0, negative=0, total=1

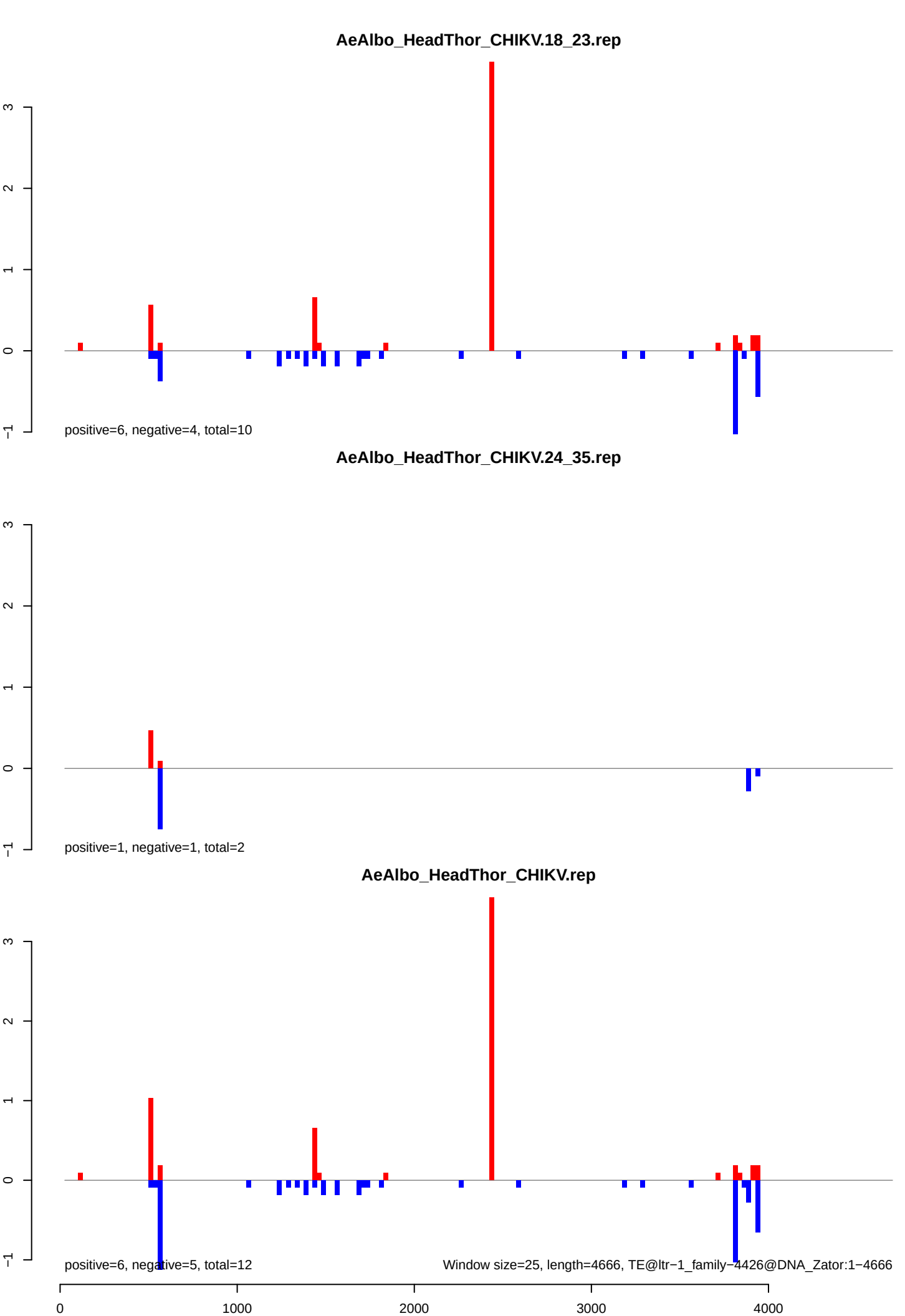

AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=25, negative=11, total=36
Window size=25, length=4568, TE@ltr−1_family−4509@DNA_CMC−Transib:1−4568
0
1000
2000
3000
4000

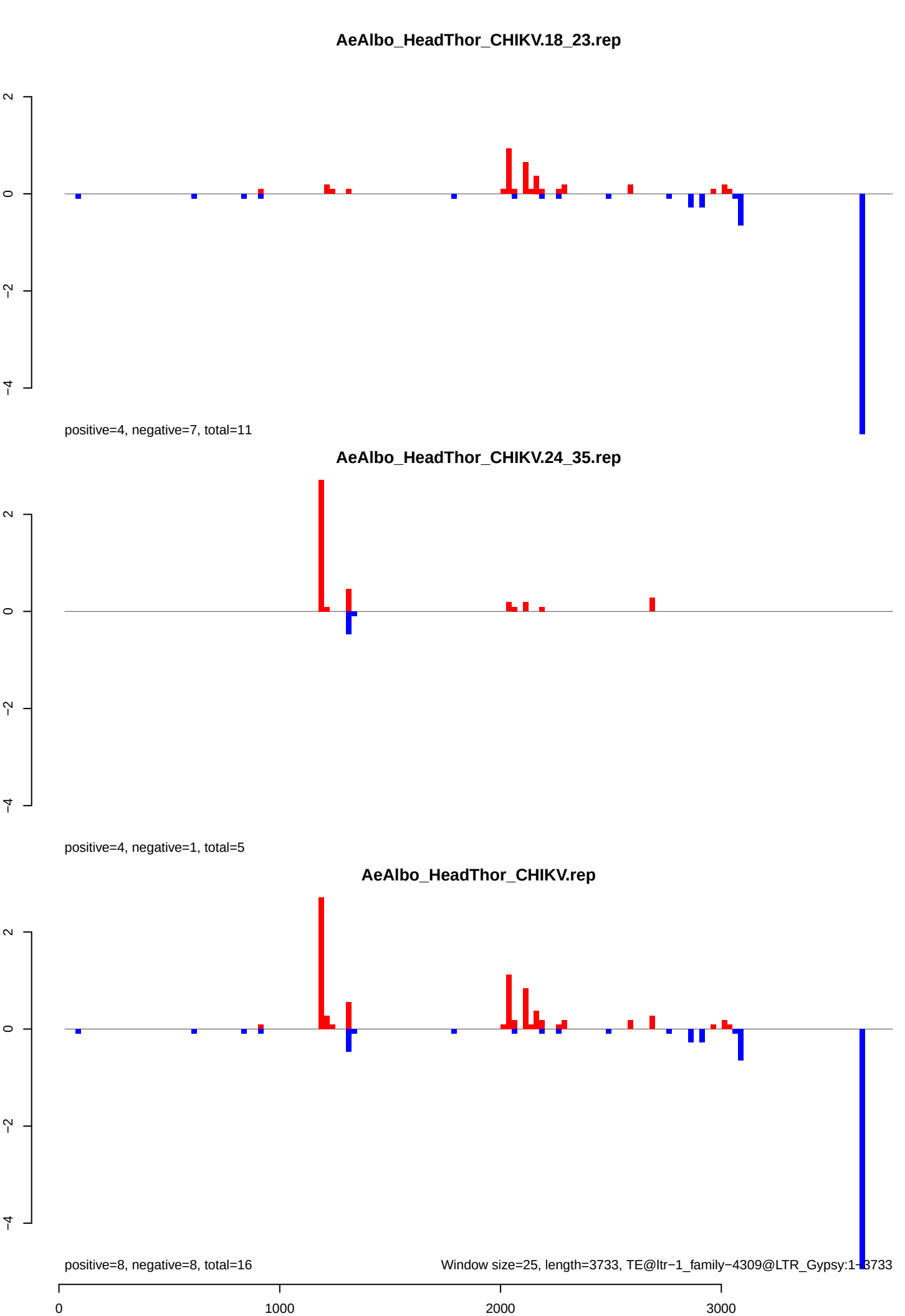

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=2, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=3, negative=6, total=9
Window size=25, length=2388, TE@ltr−1_family−4475@LTR_Copia:1−2388
0
500
1000
1500
2000
2500

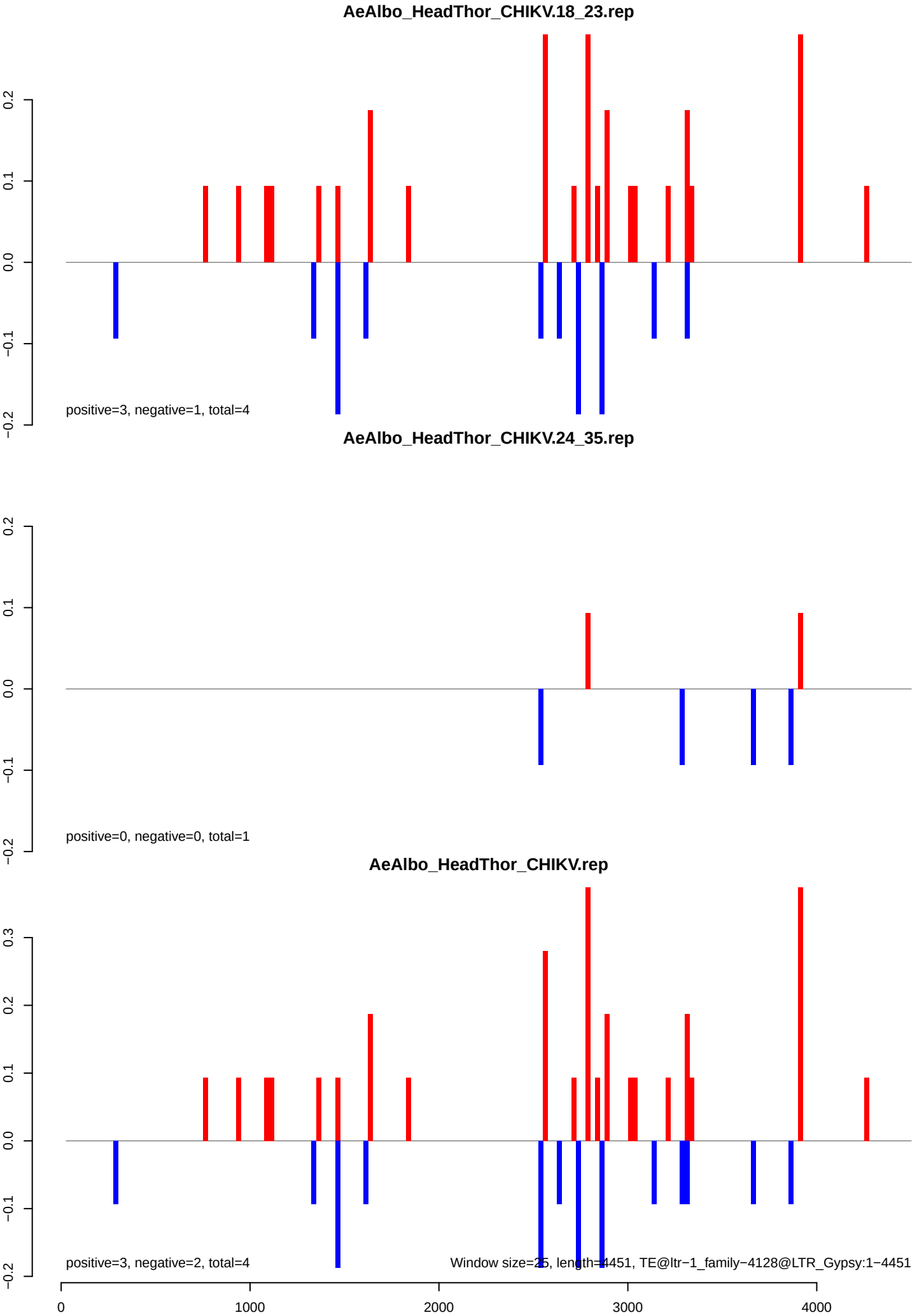

AeAlbo_HeadThor_CHIKV.18_23.rep
4
3
2
1
0
−1
−2
positive=13, negative=9, total=22

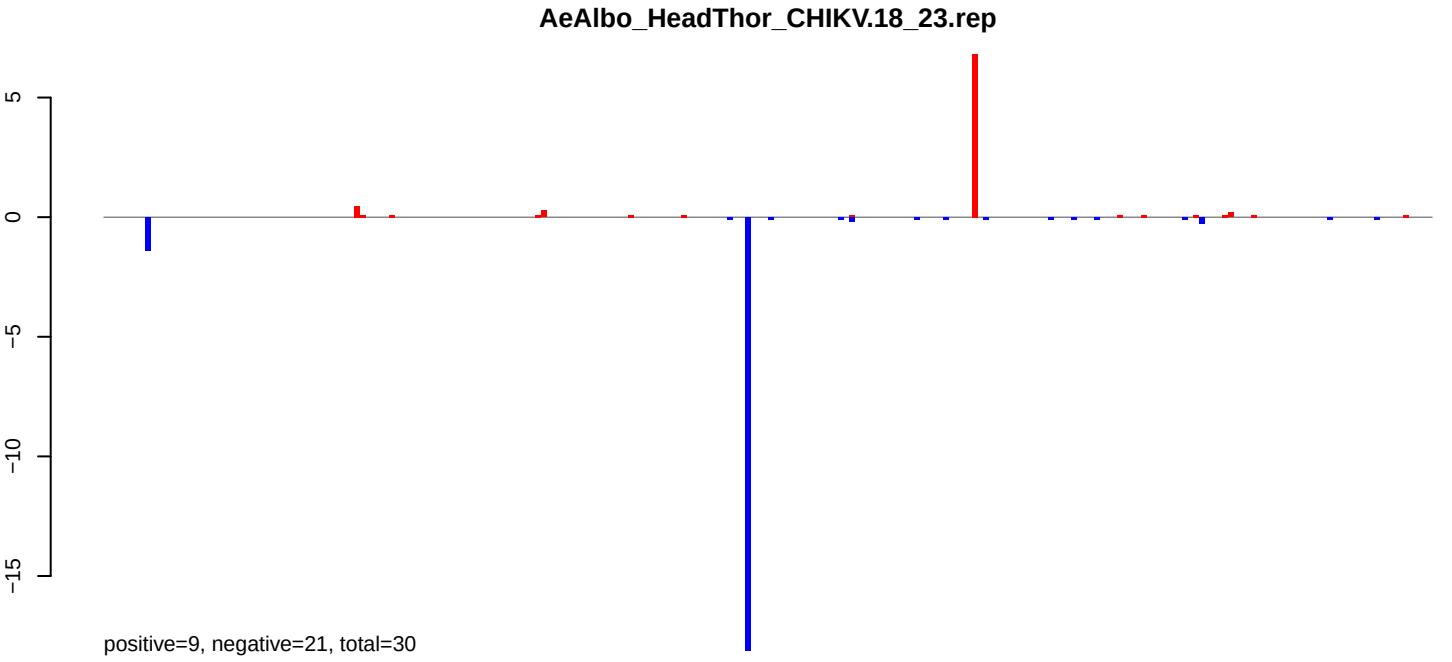

AeAlbo_HeadThor_CHIKV.24_35.rep
4
3
2
1
0
−1
−2
positive=0, negative=0, total=1


AeAlbo_HeadThor_CHIKV.rep
4
3
2
1
0
−1
−2
positive=13, negative=9, total=22
Window size=25, length=5654, TE@ltr−1_family−4439@LTR_Pao:1−5654
0
1000
2000
3000
4000
5000

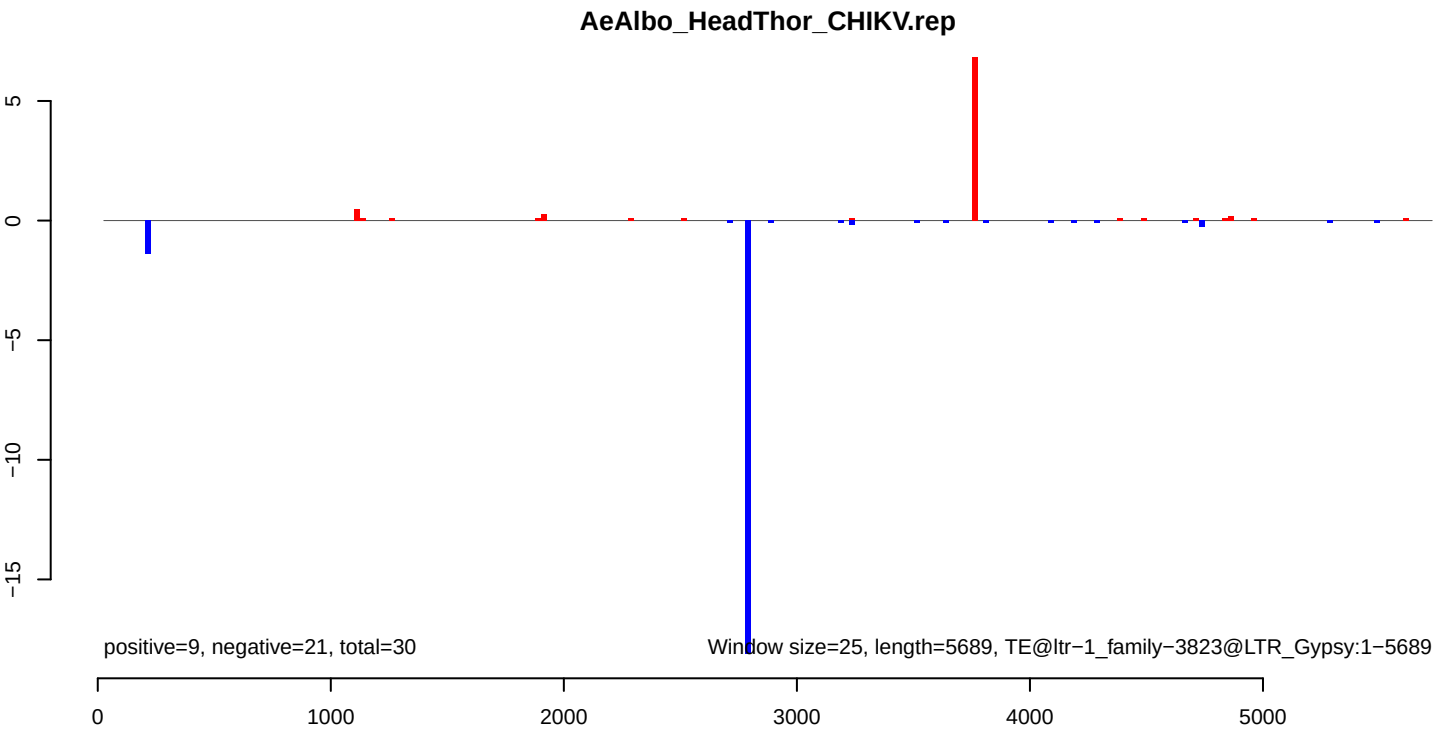

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=4, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=5, total=12
Window size=25, length=4666, TE@ltr−1_family−4426@DNA_Zator:1−4666
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
positive=4, negative=7, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
positive=8, negative=8, total=16
Window size=25, length=3733, TE@ltr−1_family−4309@LTR_Gypsy:1−3733
0
1000
2000
3000

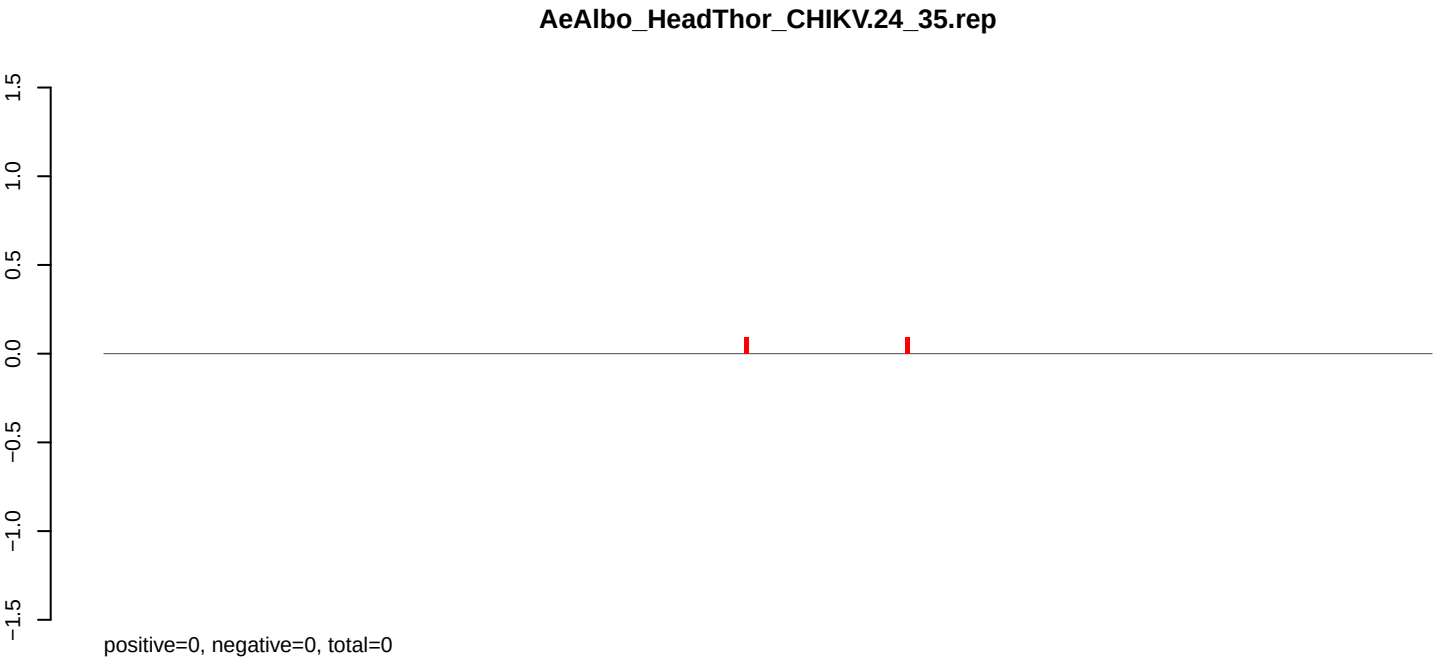

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=4
Window size=25, length=4451, TE@ltr−1_family−4128@LTR_Gypsy:1−4451
0
1000
2000
3000
4000

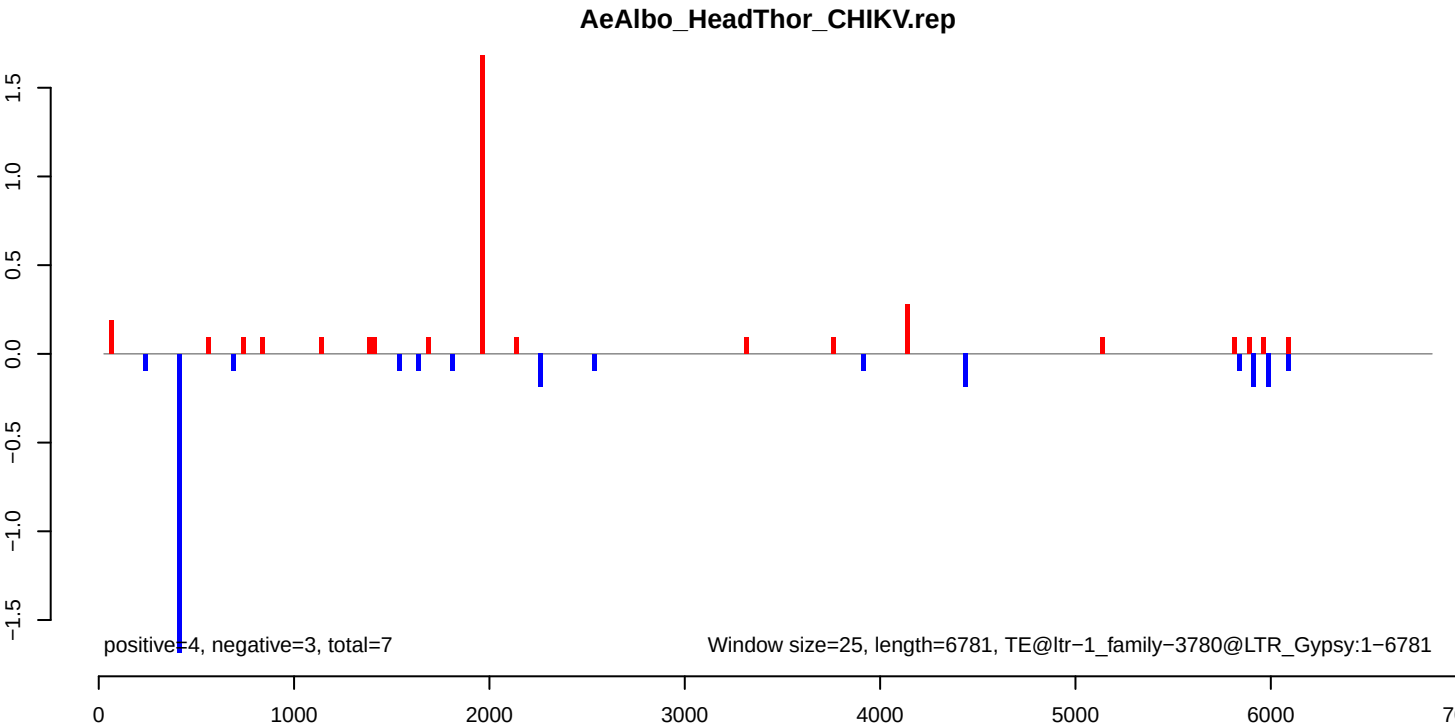

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
−15
positive=9, negative=21, total=30

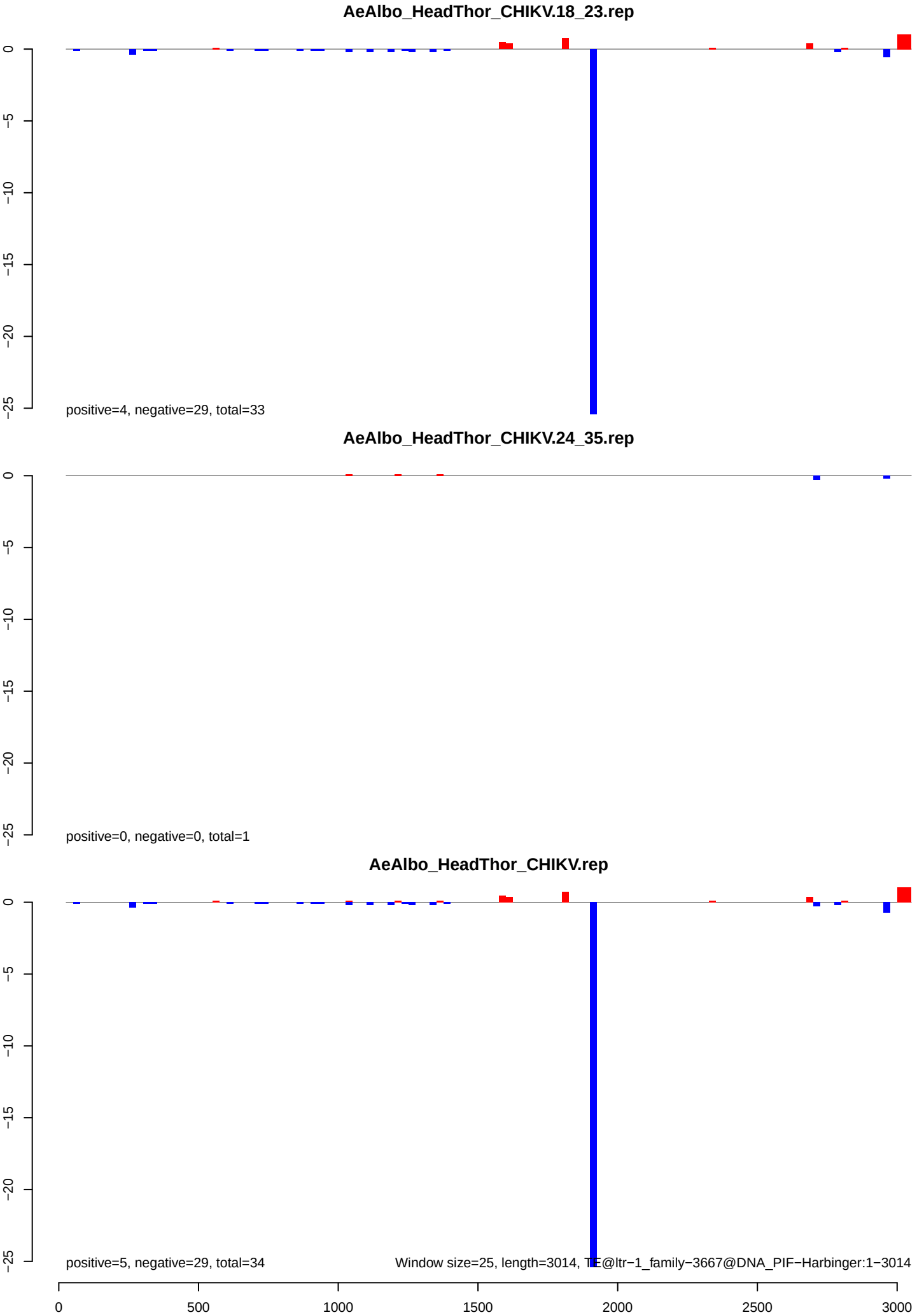
AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
−15
positive=0, negative=0, total=0

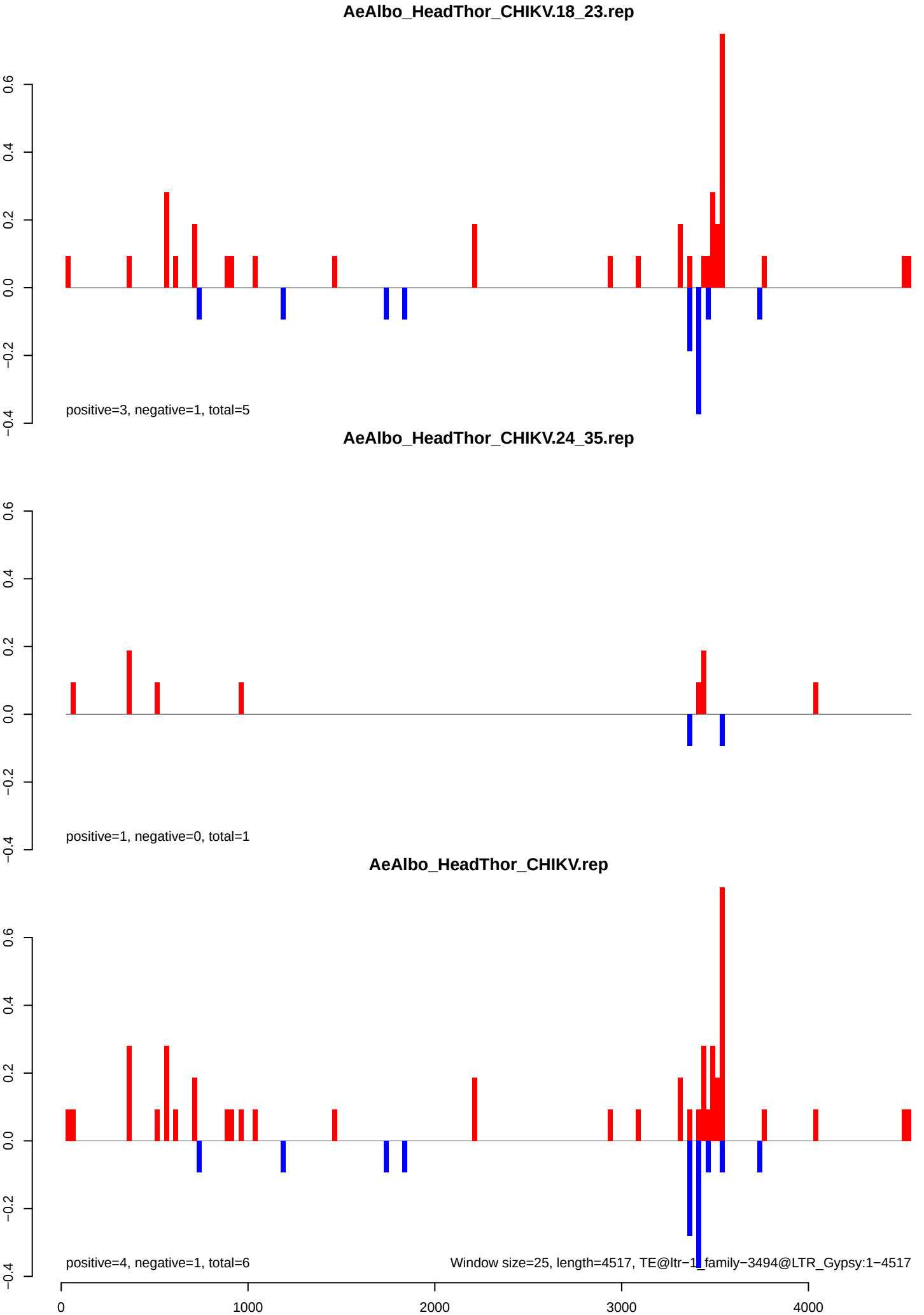

AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
−15
positive=9, negative=21, total=30
Window size=25, length=5689, TE@ltr−1_family−3823@LTR_Gypsy:1−5689
0
1000
2000
3000
4000
5000

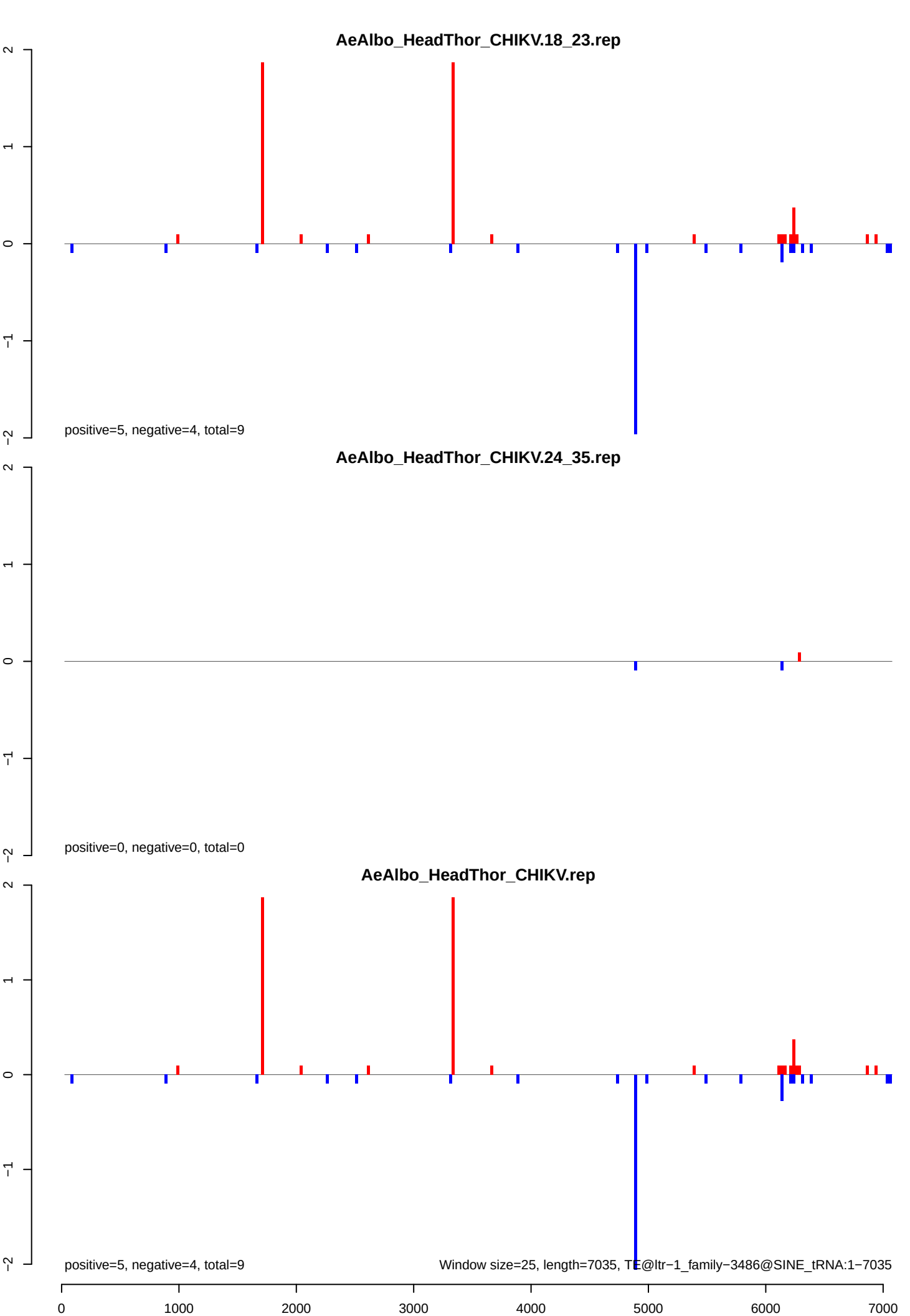
AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=7

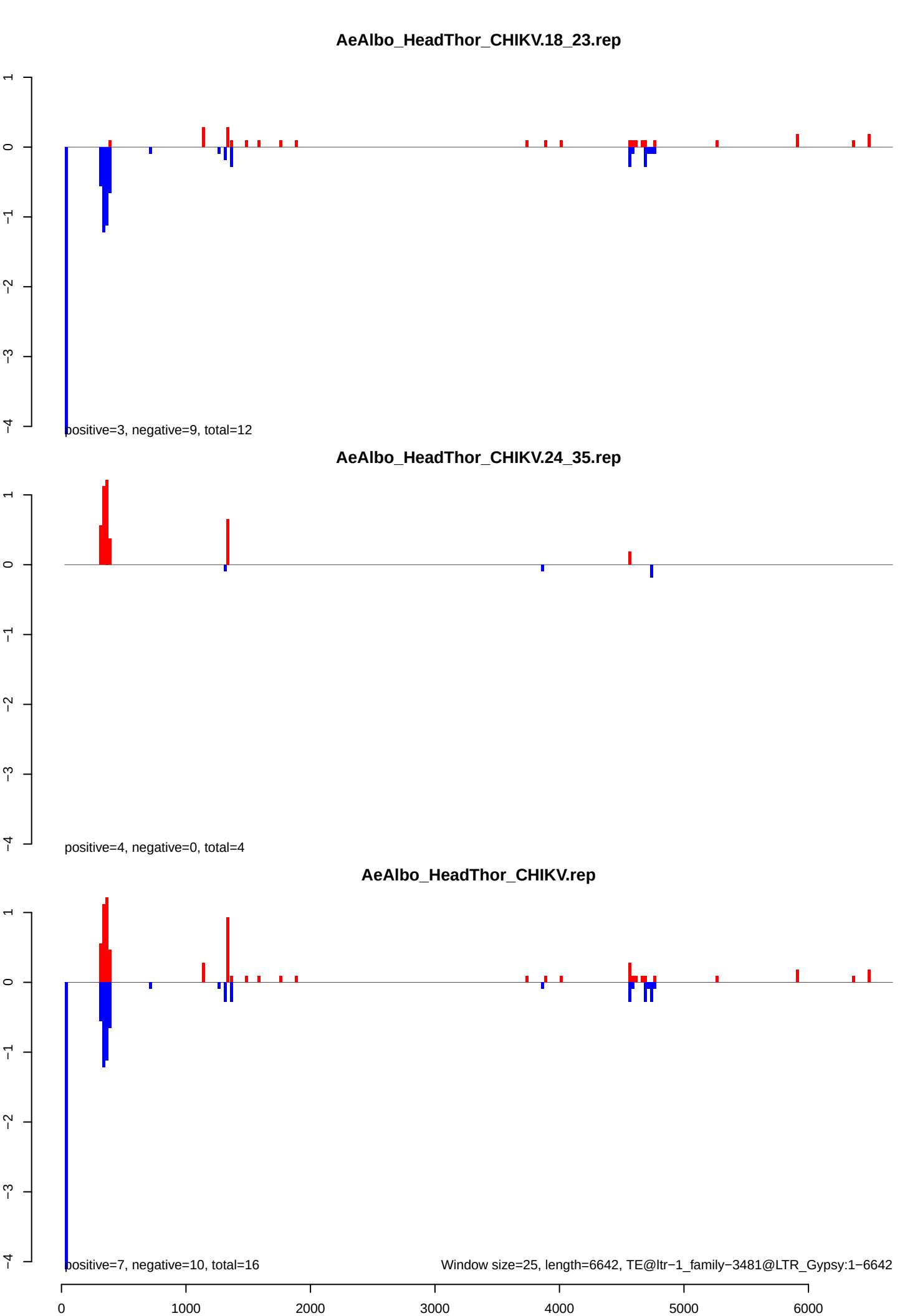

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

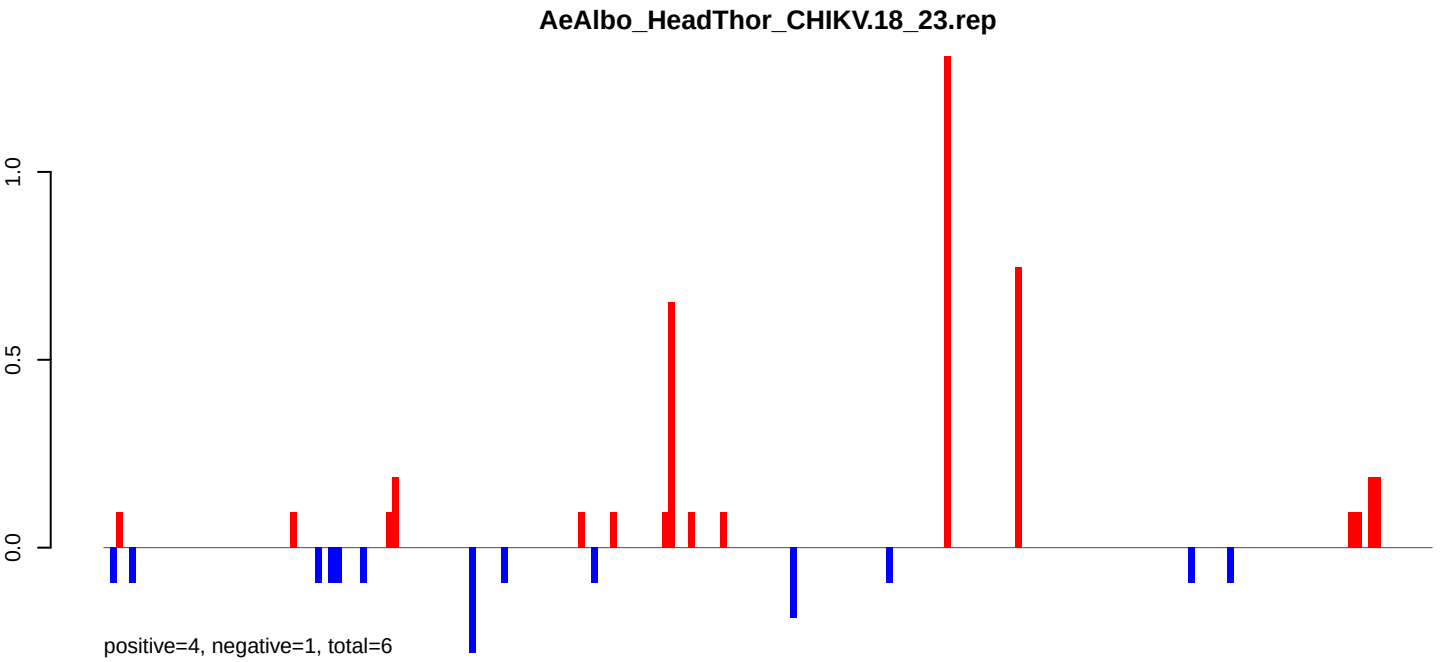

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=3, total=7
Window size=25, length=6781, TE@ltr−1_family−3780@LTR_Gypsy:1−6781
0
1000
2000
3000
4000
5000
6000
7000

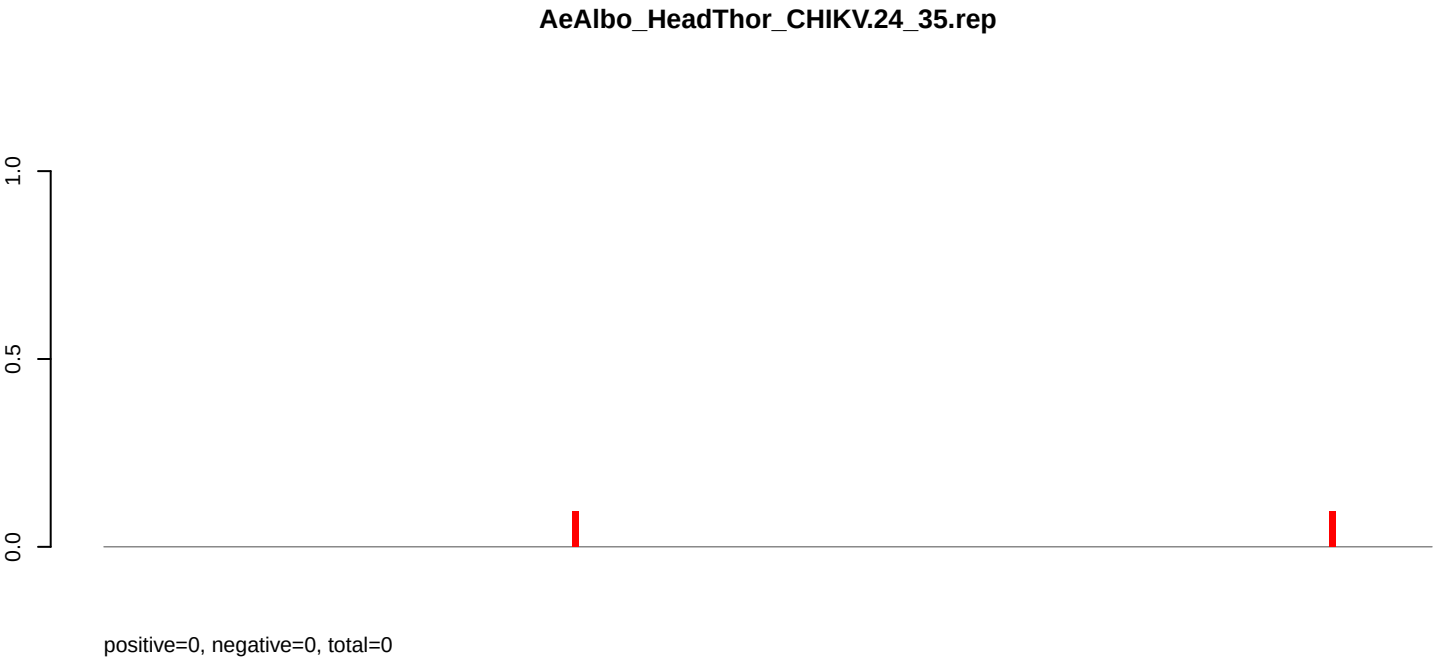

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=4, negative=29, total=33
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=5, negative=29, total=34
Window size=25, length=3014, TE@ltr−1_family−3667@DNA_PIF−Harbinger:1−3014
0
500
1000
1500
2000
2500
3000

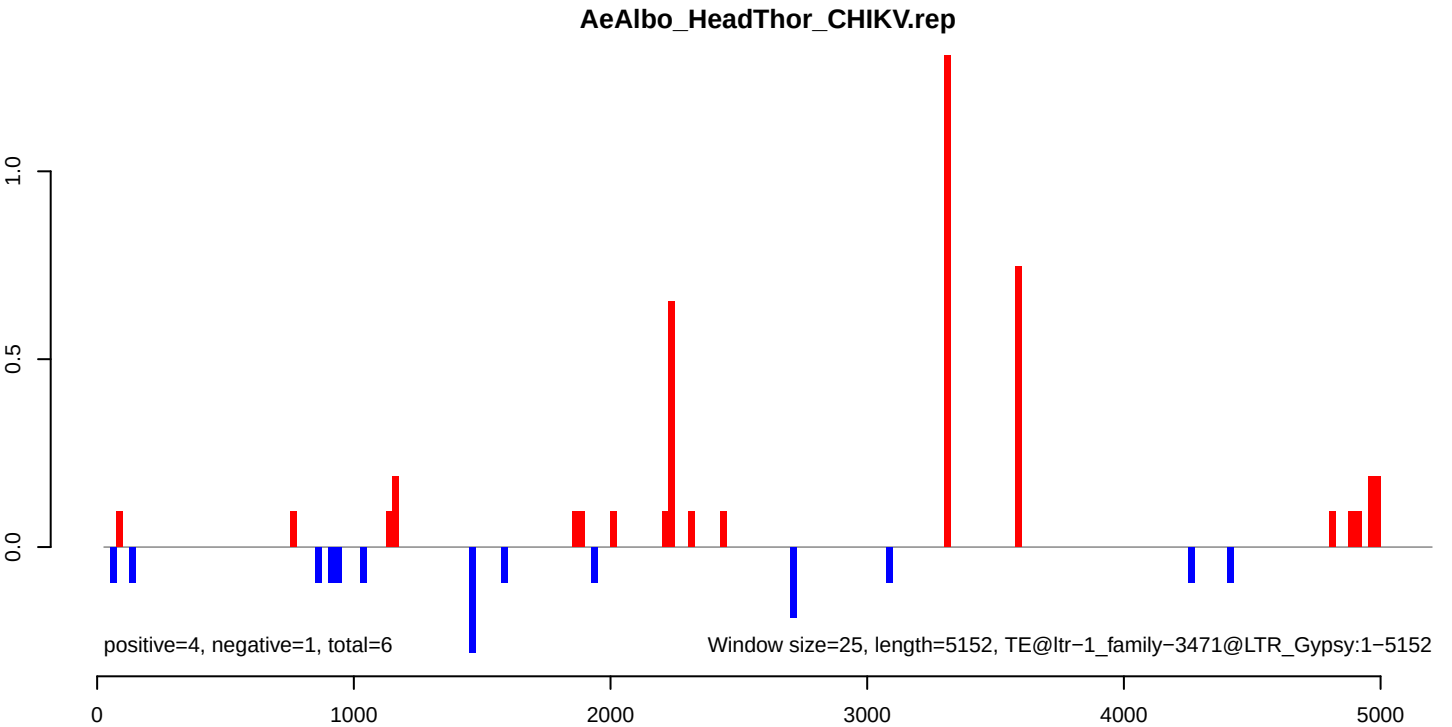

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=4, negative=1, total=6
Window size=25, length=4517, TE@ltr−1_family−3494@LTR_Gypsy:1−4517
0
1000
2000
3000
4000

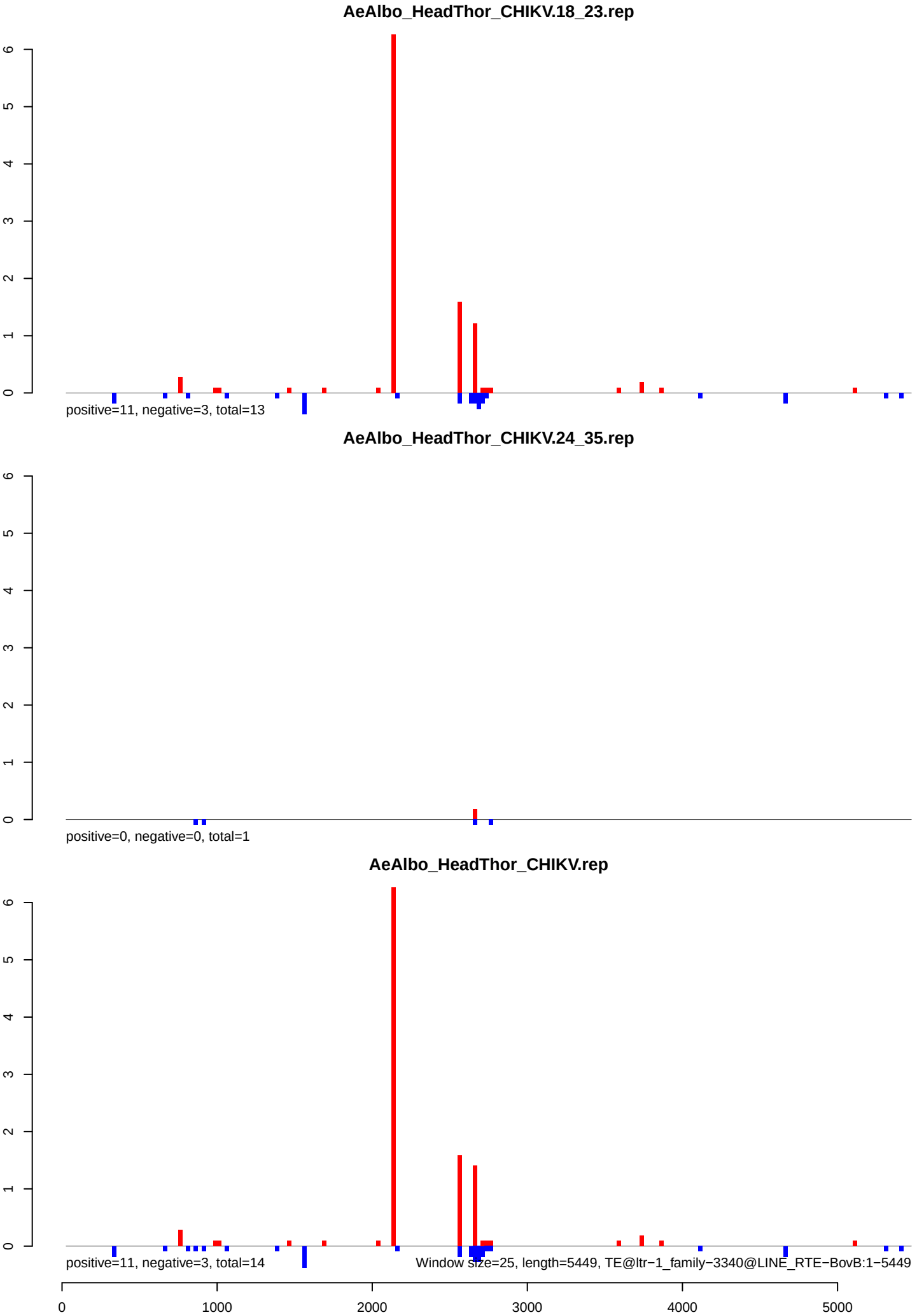

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=4, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=4, total=9
Window size=25, length=7035, TE@ltr−1_family−3486@SINE_tRNA:1−7035
2
1
0
−1
−2
0
1000
2000
3000
4000
5000
6000
7000

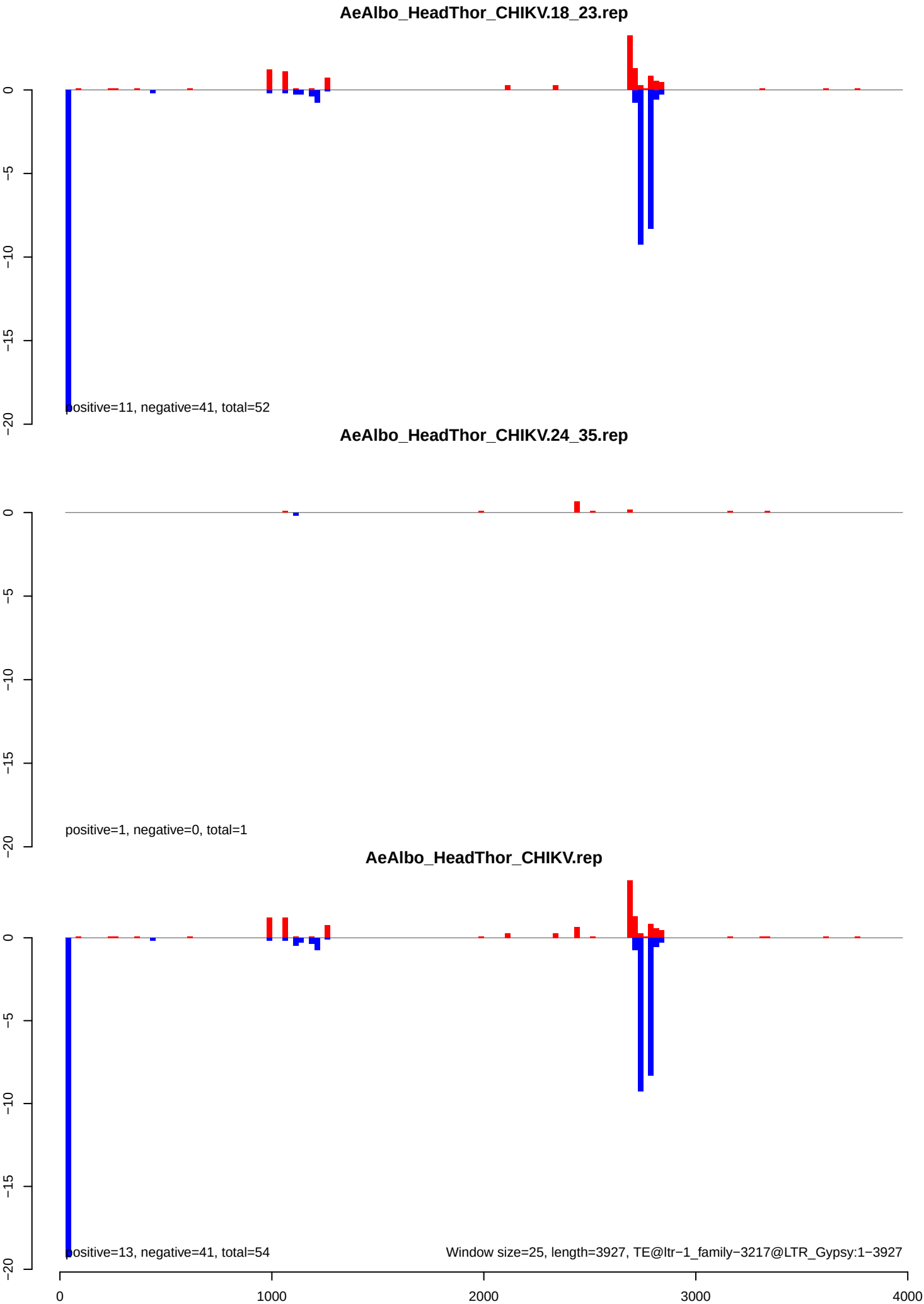

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=9, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=0, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=10, total=16
Window size=25, length=6642, TE@ltr−1_family−3481@LTR_Gypsy:1−6642
1
0
−1
−2
−3
−4
0
1000
2000
3000
4000
5000
6000

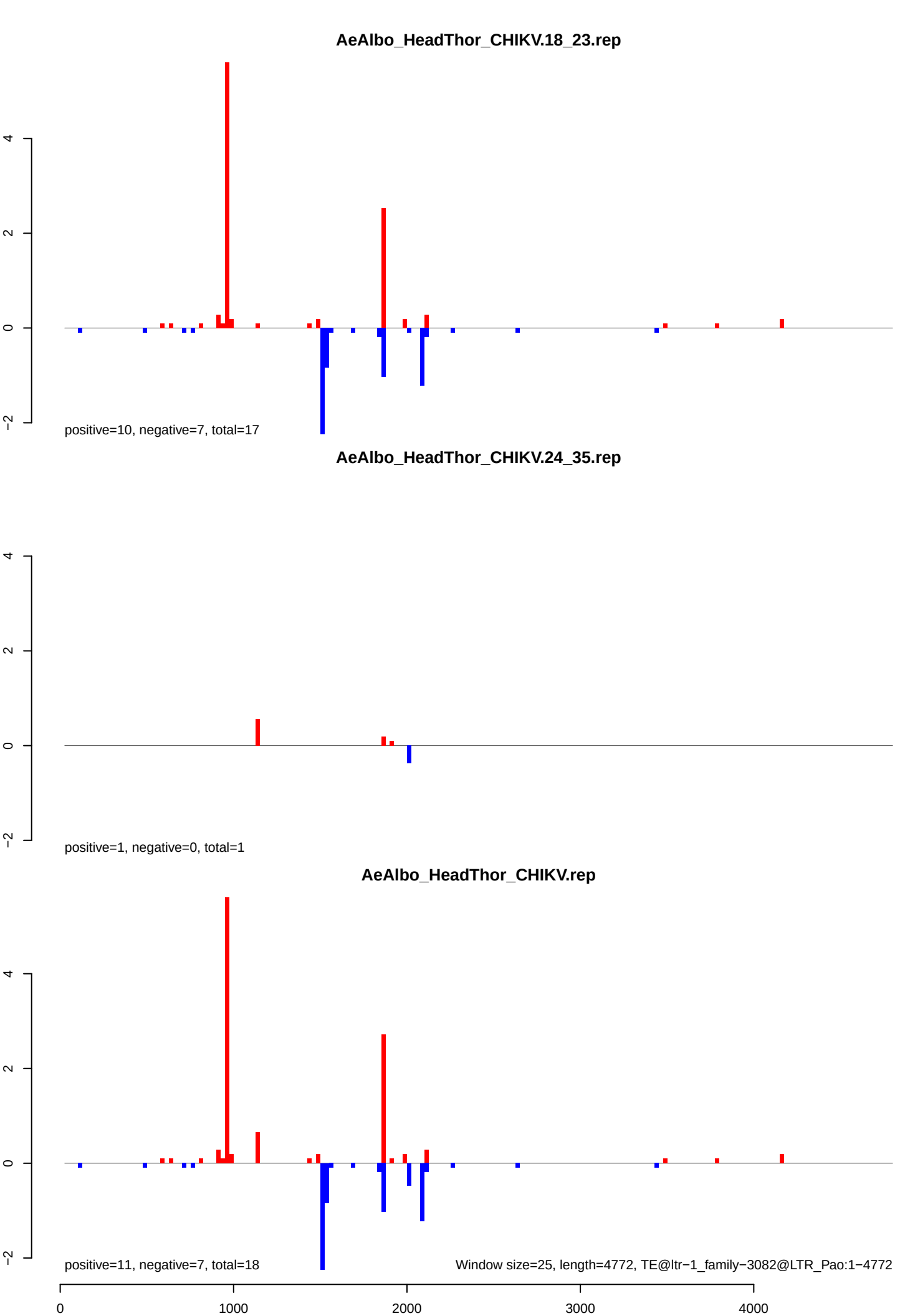

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=4, negative=1, total=6

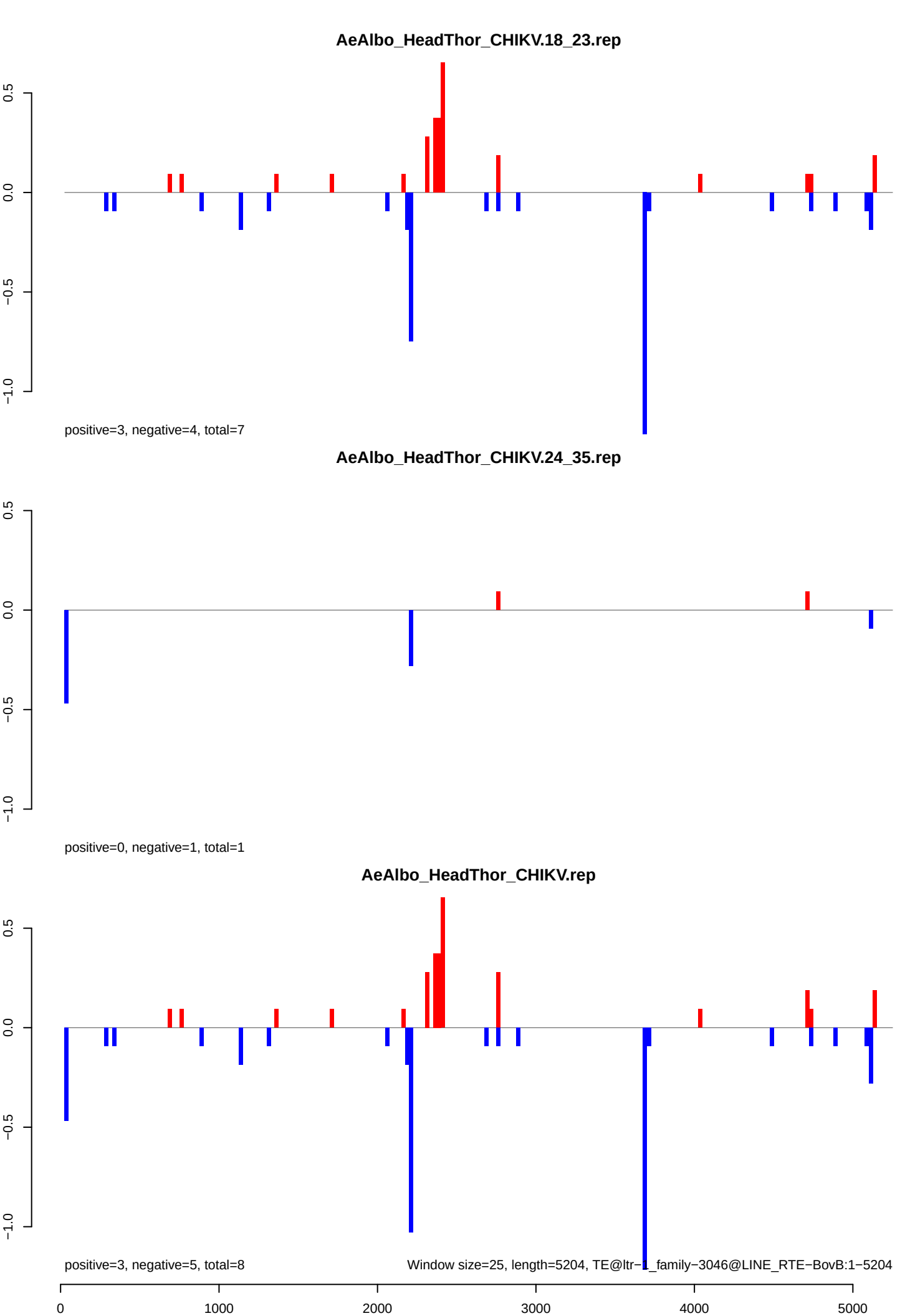

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0

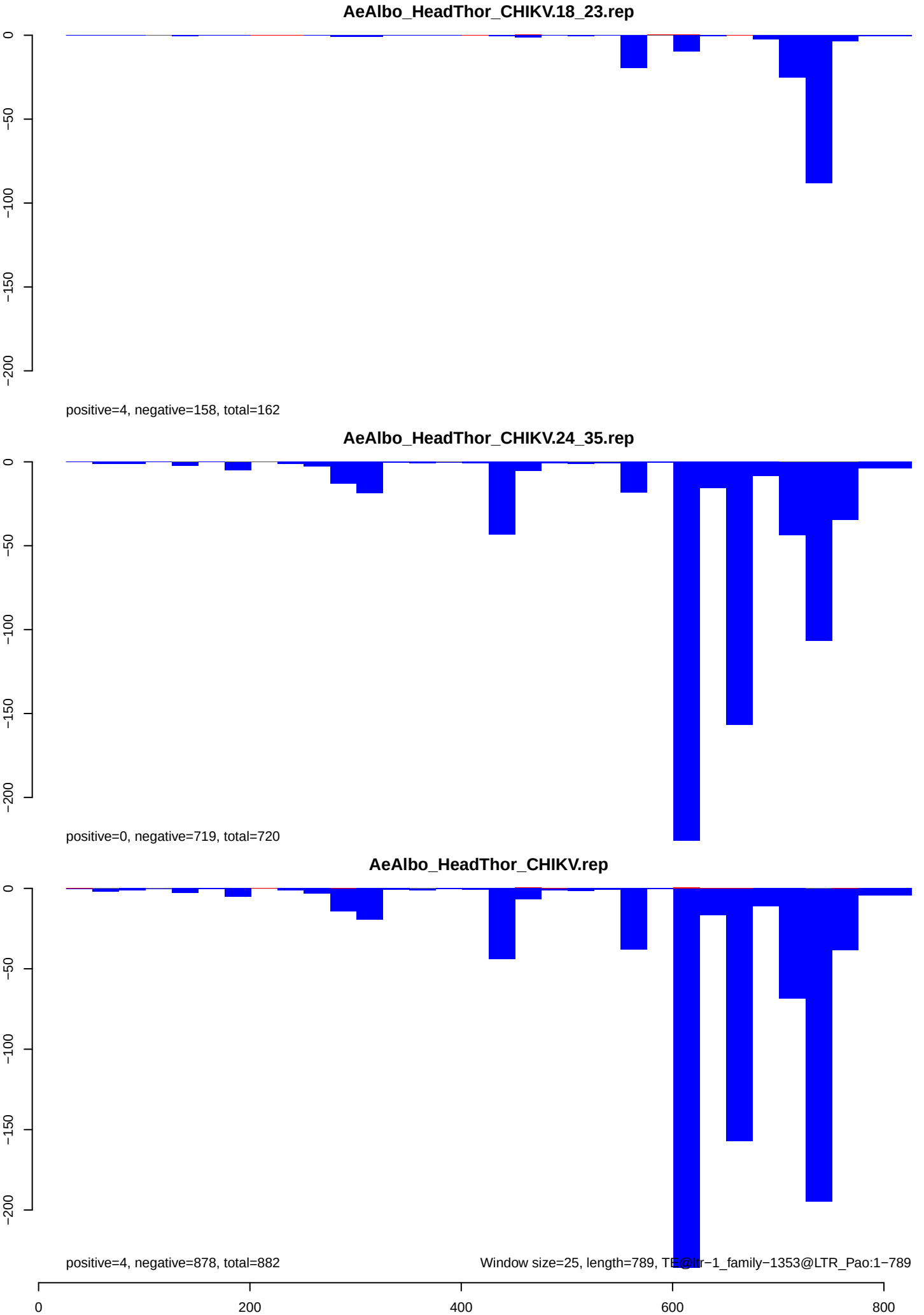

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=4, negative=1, total=6
Window size=25, length=5152, TE@ltr−1_family−3471@LTR_Gypsy:1−5152
0
1000
2000
3000
4000
5000

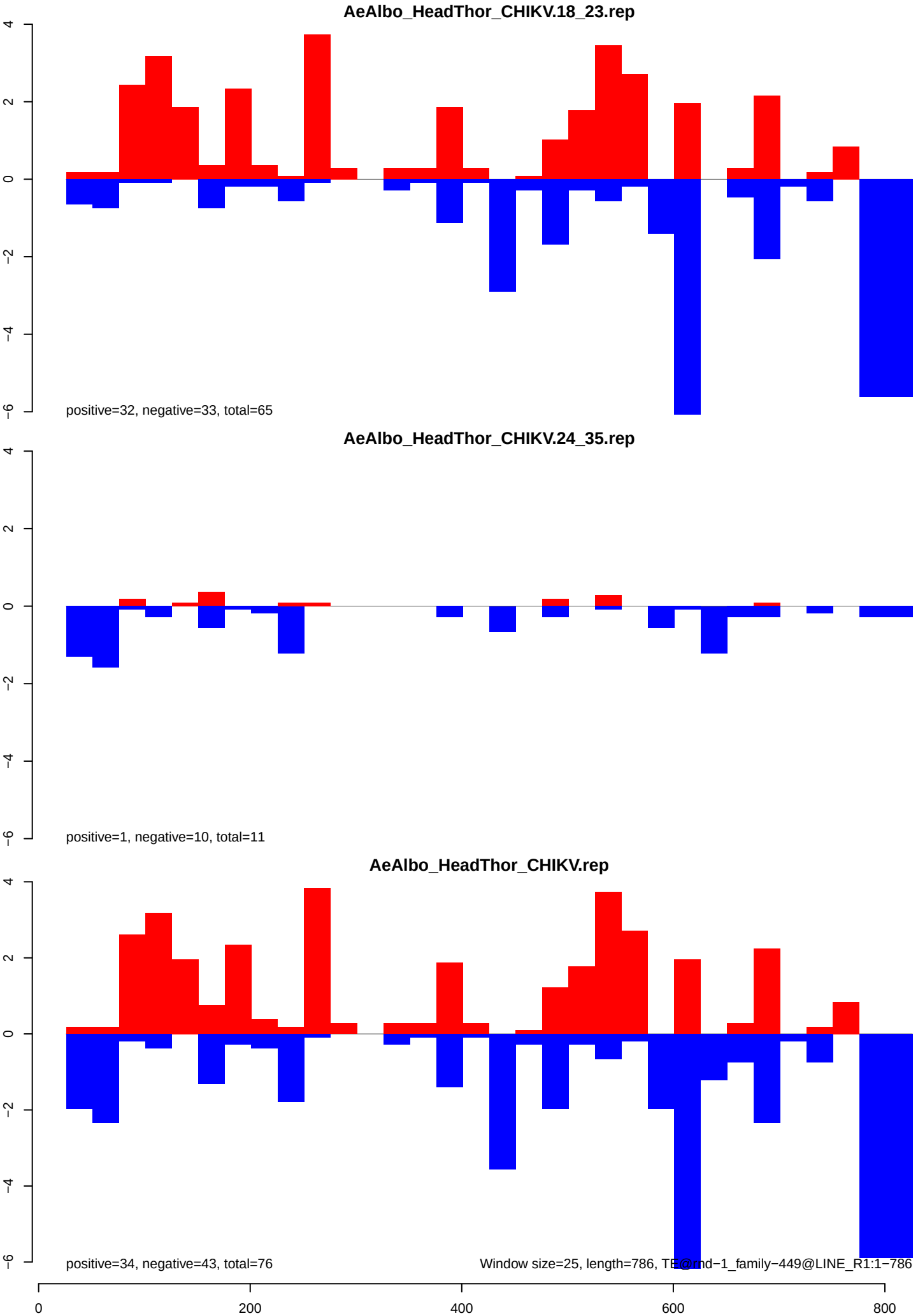

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=3, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=3, total=14
Window size=25, length=5449, TE@ltr−1_family−3340@LINE_RTE−BovB:1−5449
0
1000
2000
3000
4000
5000

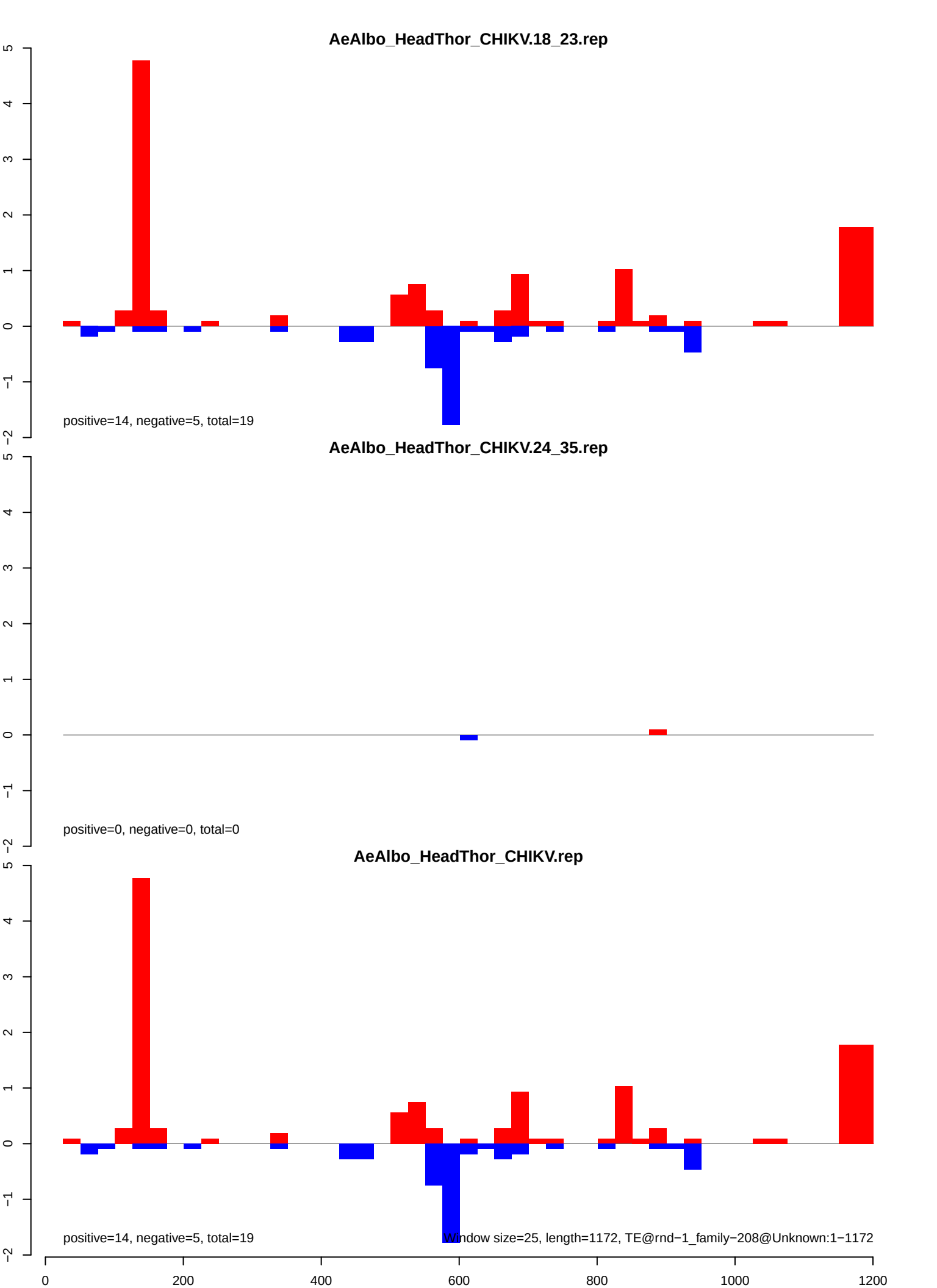

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=11, negative=41, total=52
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=13, negative=41, total=54
Window size=25, length=3927, TE@ltr−1_family−3217@LTR_Gypsy:1−3927
0
1000
2000
3000
4000

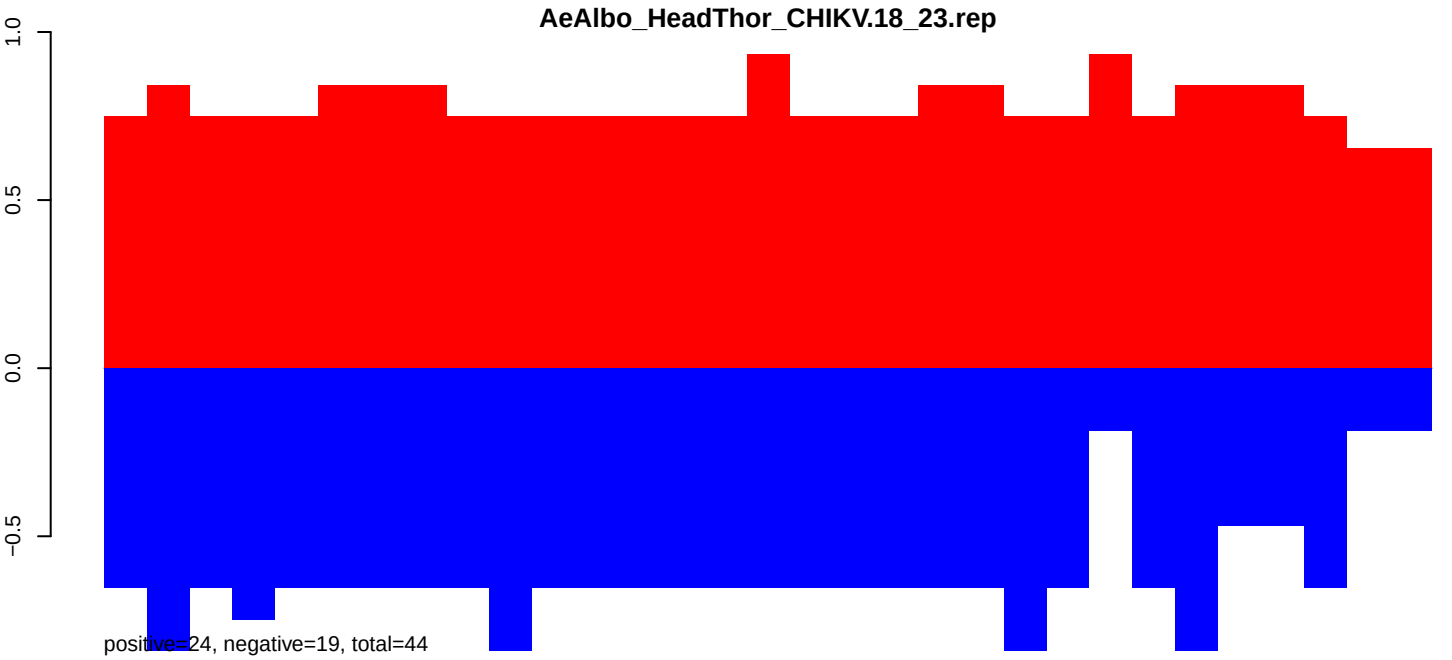

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=7, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=7, total=18
Window size=25, length=4772, TE@ltr−1_family−3082@LTR_Pao:1−4772
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=5, total=8
Window size=25, length=5204, TE@ltr−1_family−3046@LINE_RTE−BovB:1−5204
0
1000
2000
3000
4000
5000

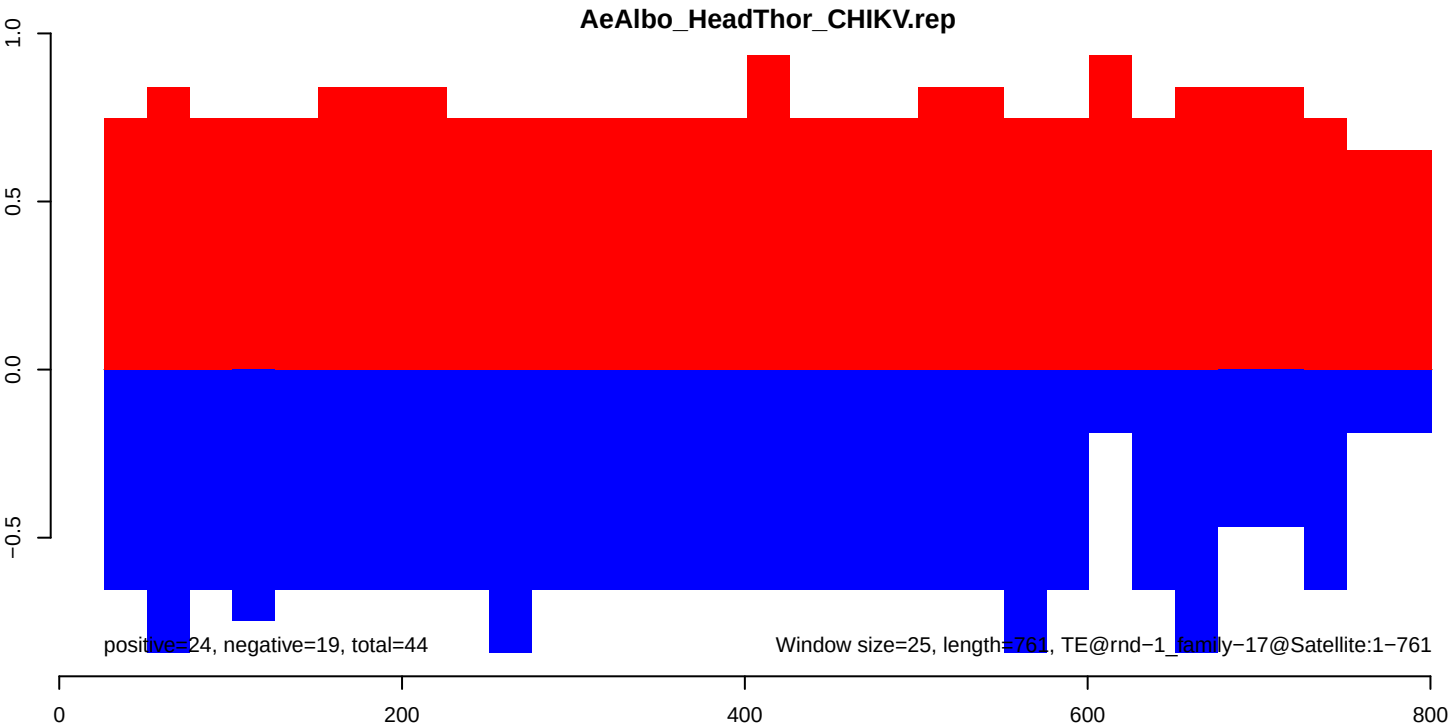

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
−200
positive=4, negative=158, total=162
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
−200
positive=0, negative=719, total=720
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
−200
positive=4, negative=878, total=882
Window size=25, length=789, TE@ltr−1_family−1353@LTR_Pao:1−789
0
200
400
600
800

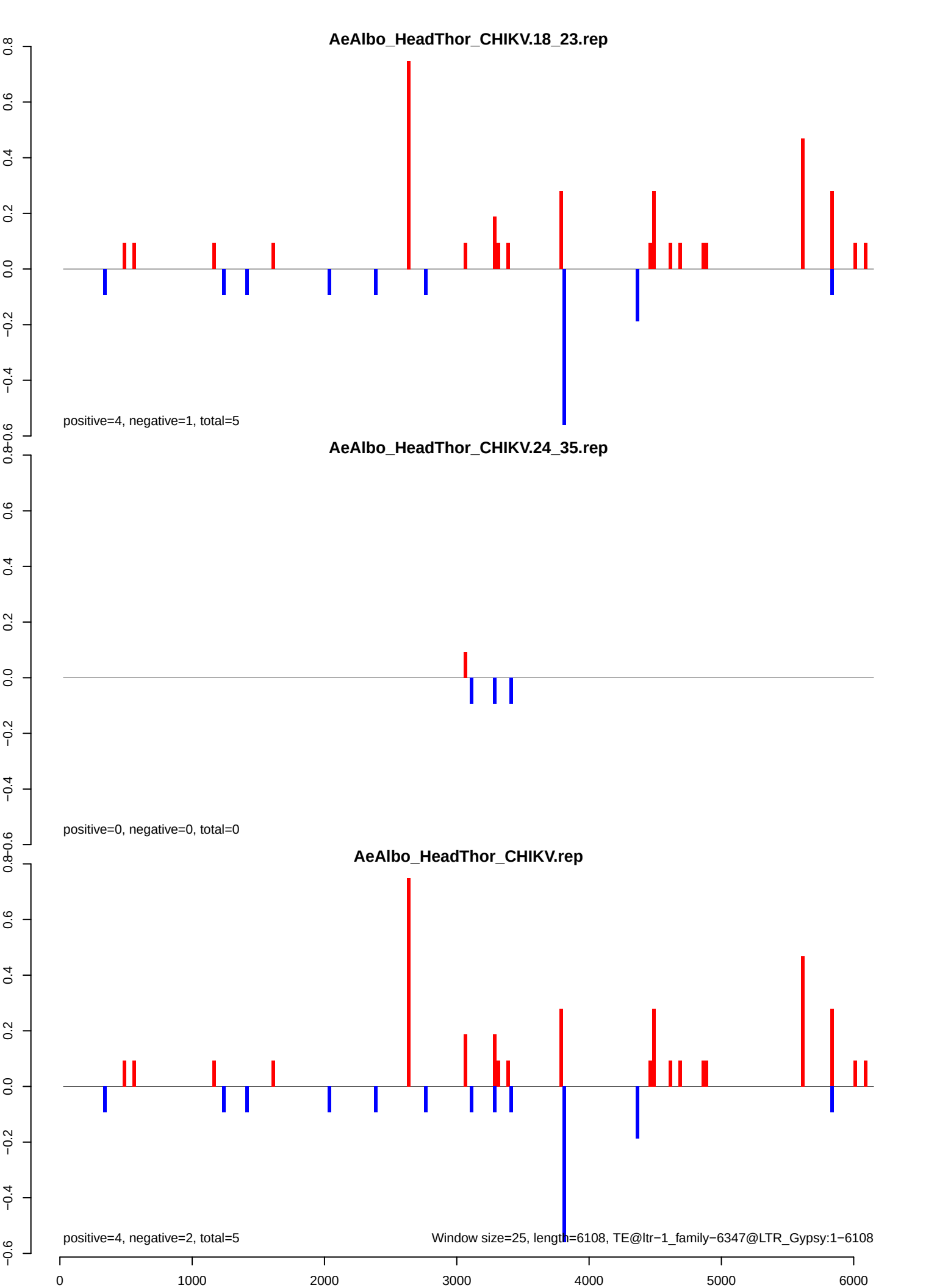

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=32, negative=33, total=65
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=10, total=11
AeAlbo_HeadThor_CHIKV.rep
positive=34, negative=43, total=76
Window size=25, length=786, TE@md−1_family−449@LINE_R1:1−786
4
2
0
−2
−4
−6
0
200
400
600
800

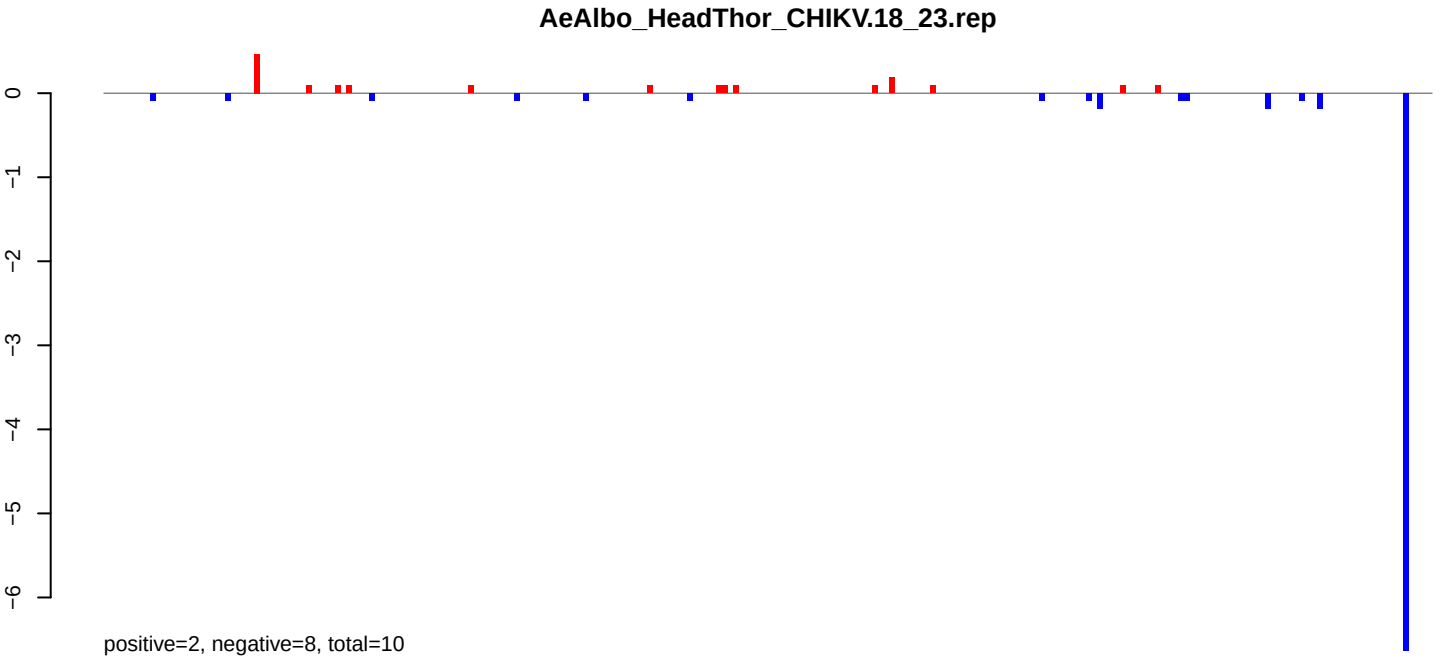

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=5, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=14, negative=5, total=19
Window size=25, length=1172, TE@rnd−1_family−208@Unknown:1−1172
5
4
3
2
1
0
−1
−2
0
200
400
600
800
1000
1200

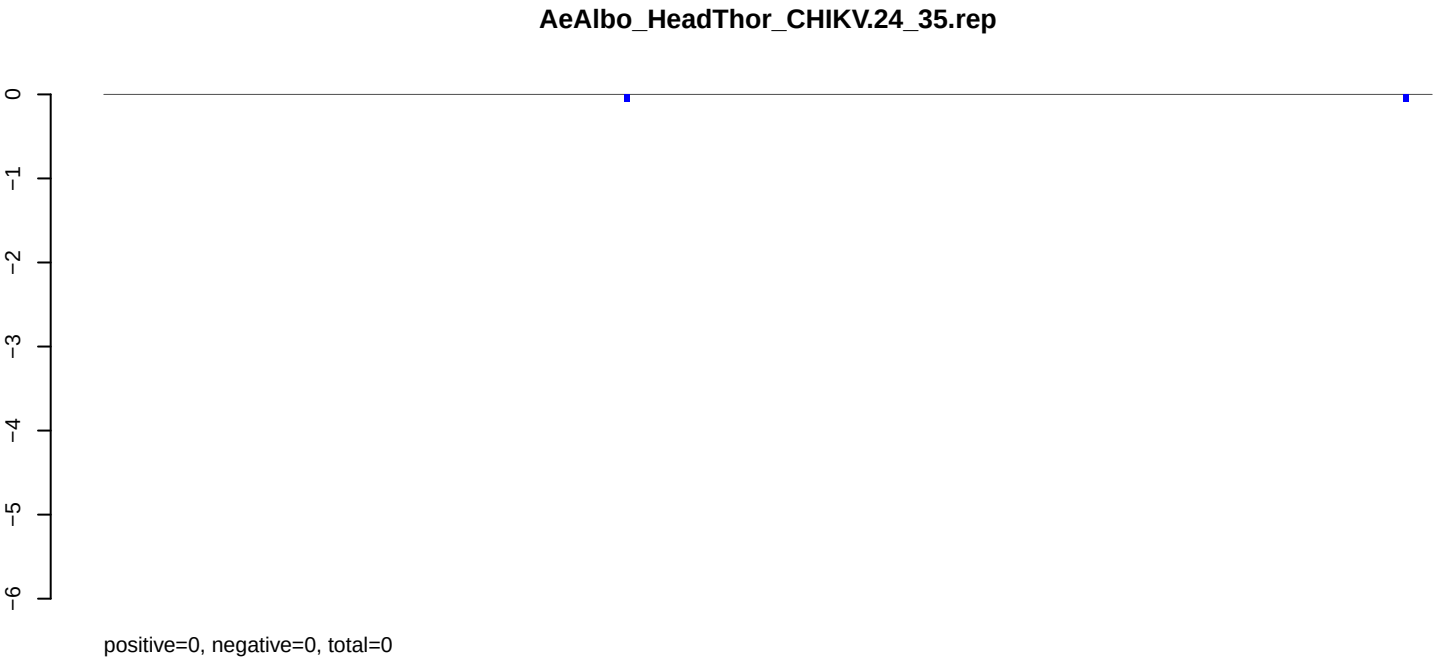

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=24, negative=19, total=44

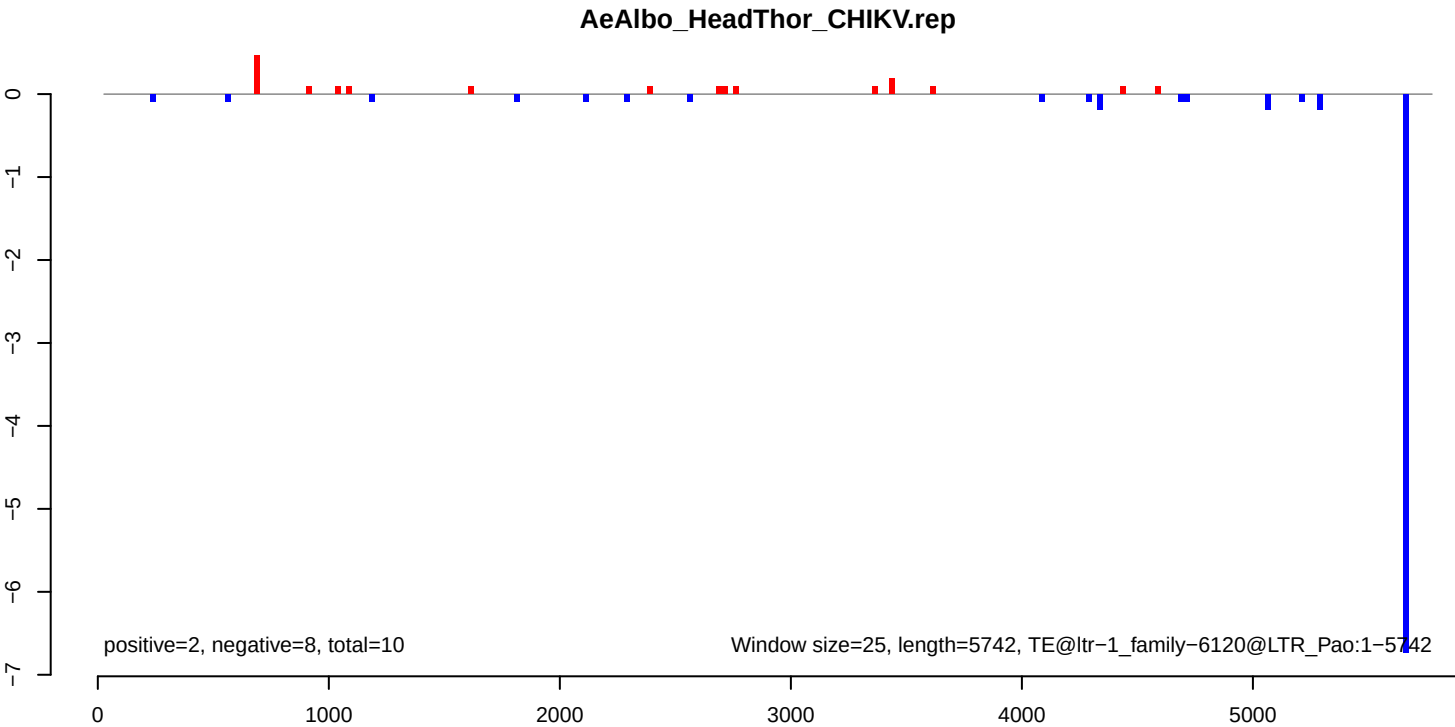
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

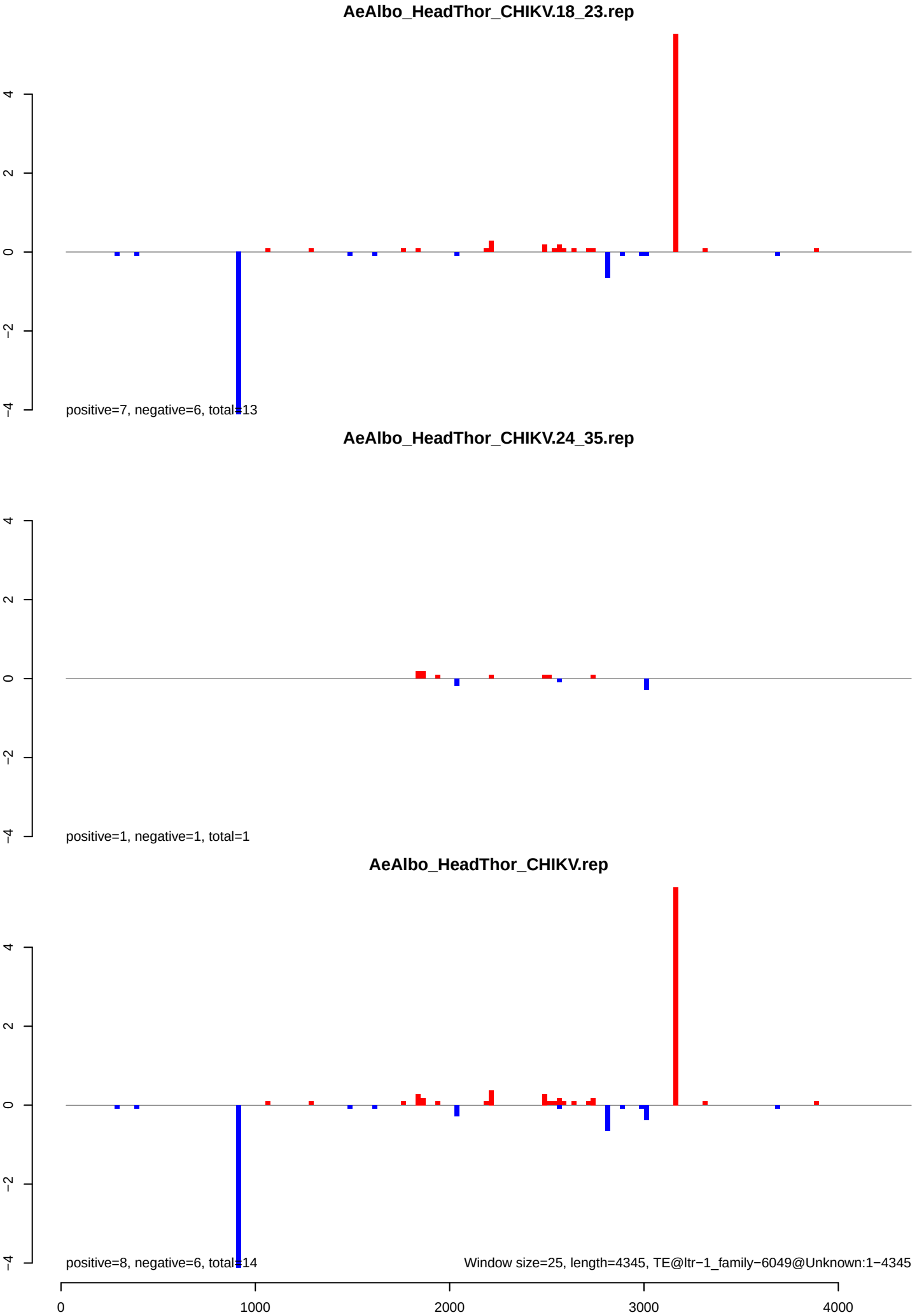

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=24, negative=19, total=44
Window size=25, length=761, TE@rnd−1_family−17@Satellite:1−761
0
200
400
600
800

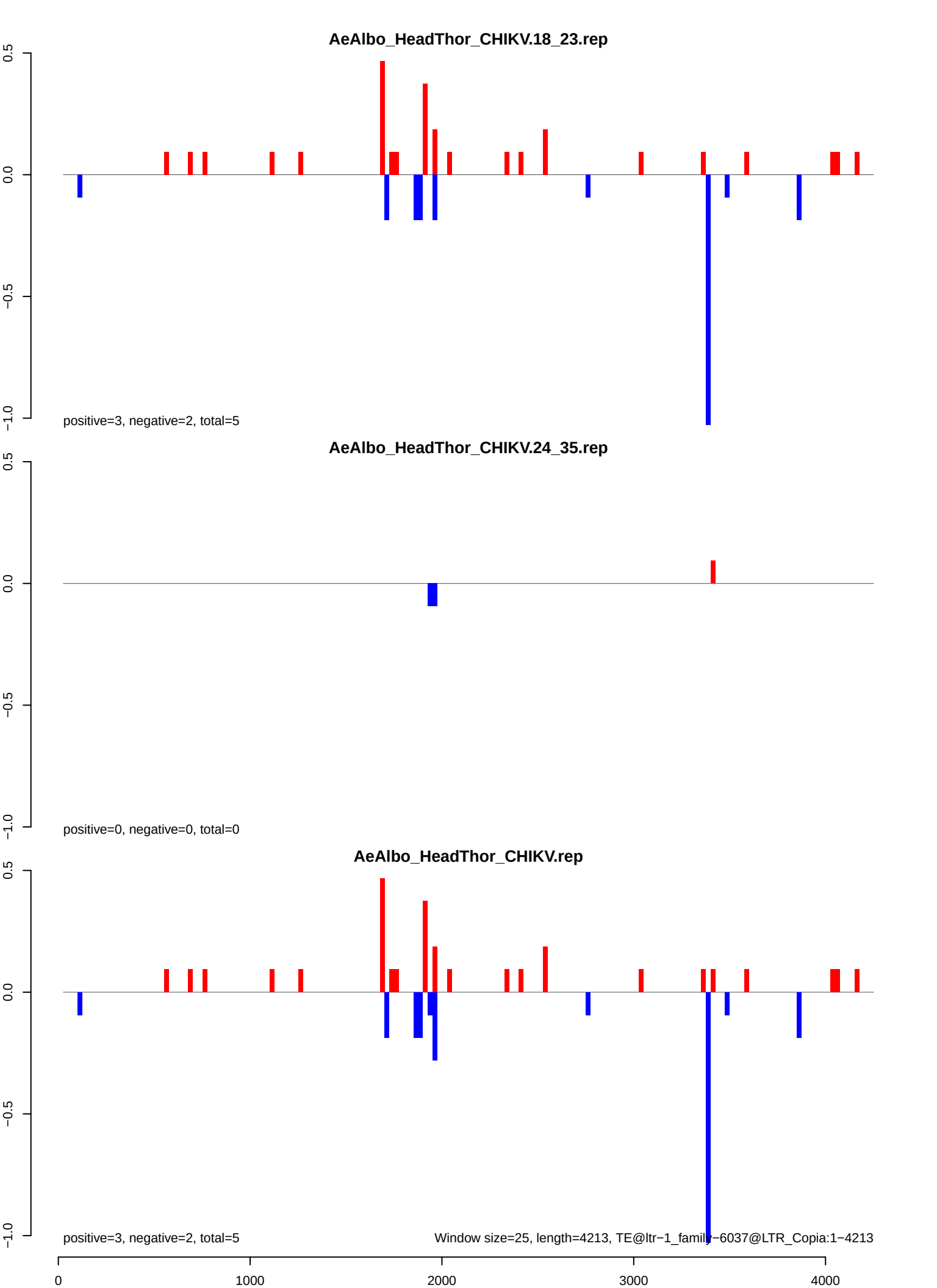

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=2, total=5
Window size=25, length=6108, TE@ltr−1_family−6347@LTR_Gypsy:1−6108
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000
5000
6000

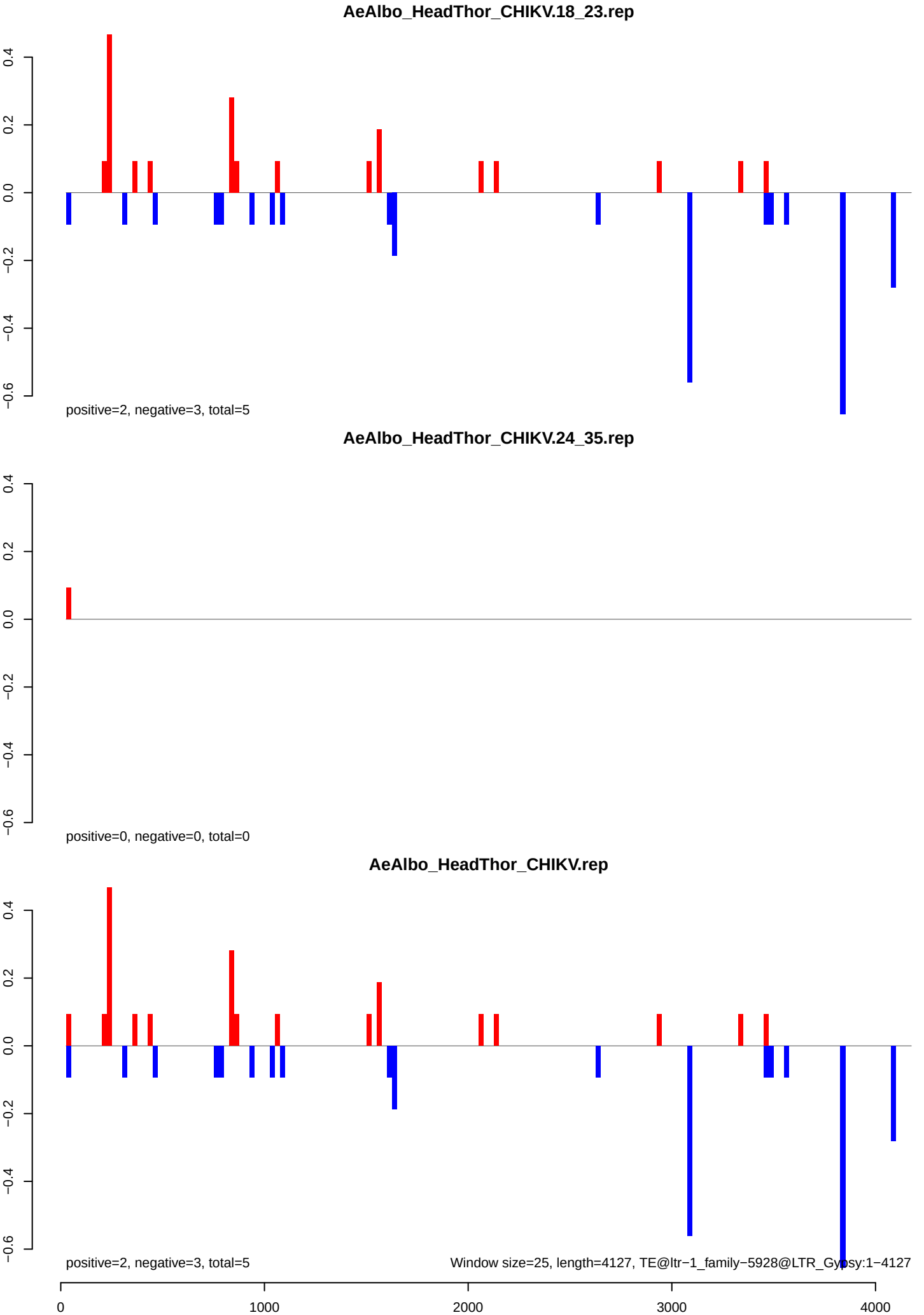

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
−6
positive=2, negative=8, total=10

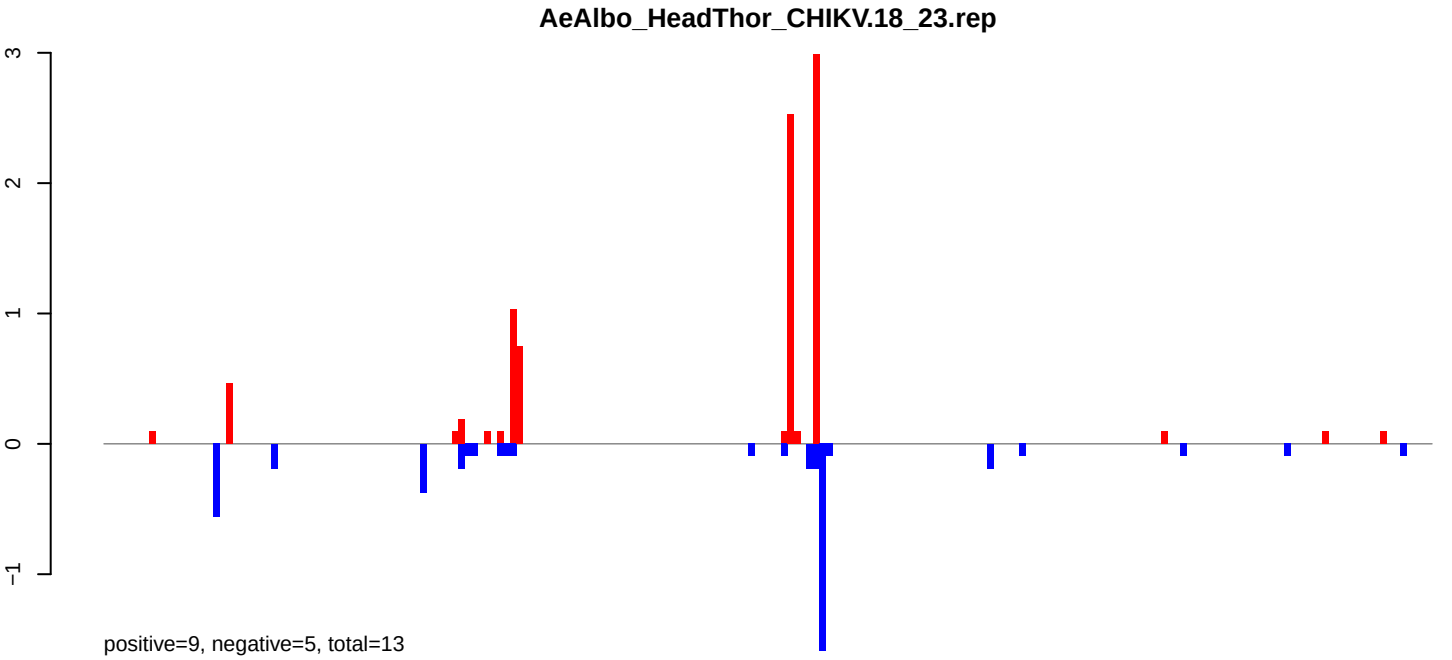

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
−6
positive=0, negative=0, total=0

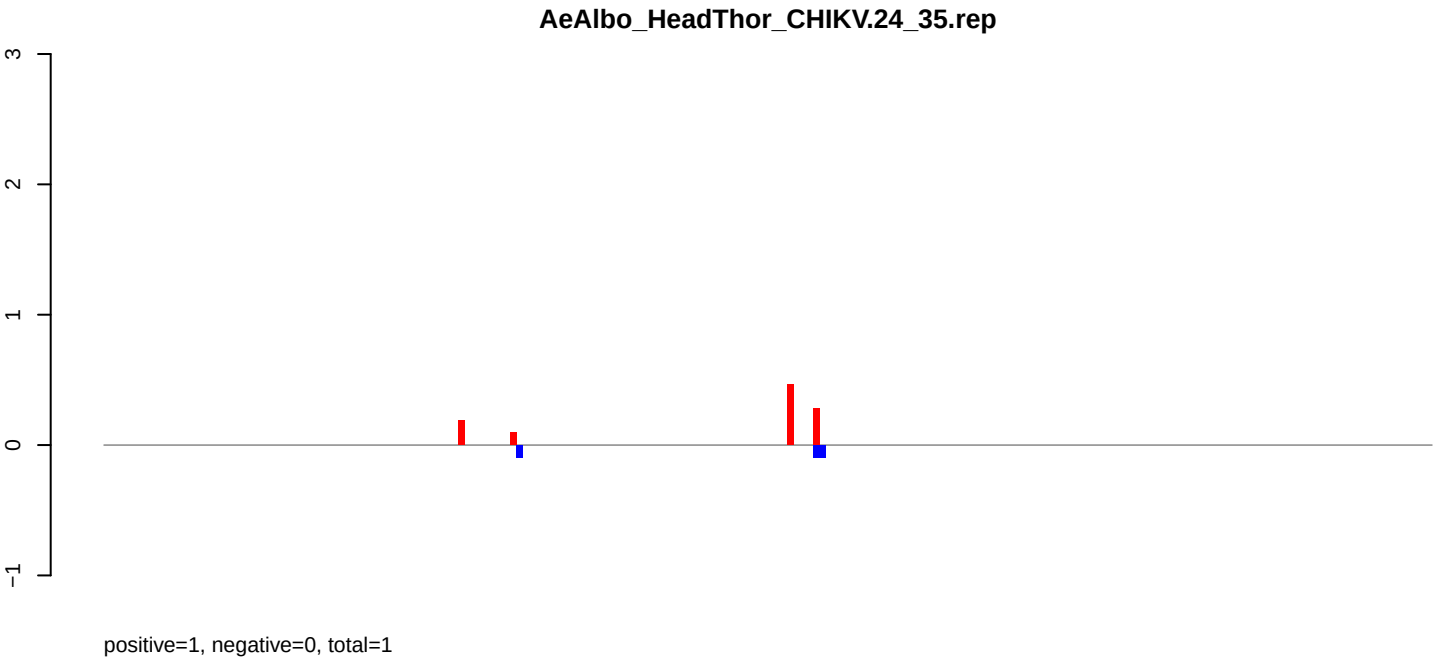

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
−6
−7
positive=2, negative=8, total=10
Window size=25, length=5742, TE@ltr−1_family−6120@LTR_Pao:1−5742
0
1000
2000
3000
4000
5000
6000

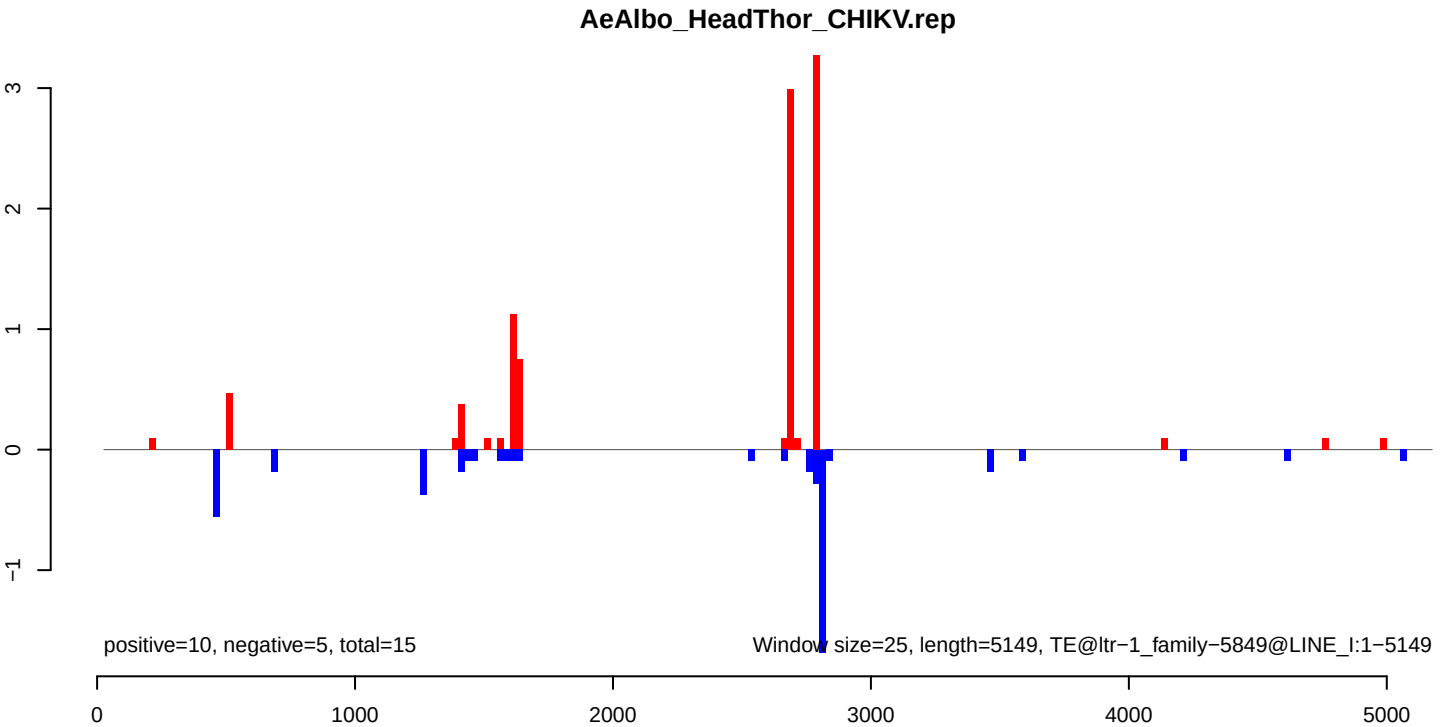

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=6, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=6, total=14
Window size=25, length=4345, TE@ltr−1_family−6049@Unknown:1−4345
4
2
0
−2
−4
0
1000
2000
3000
4000

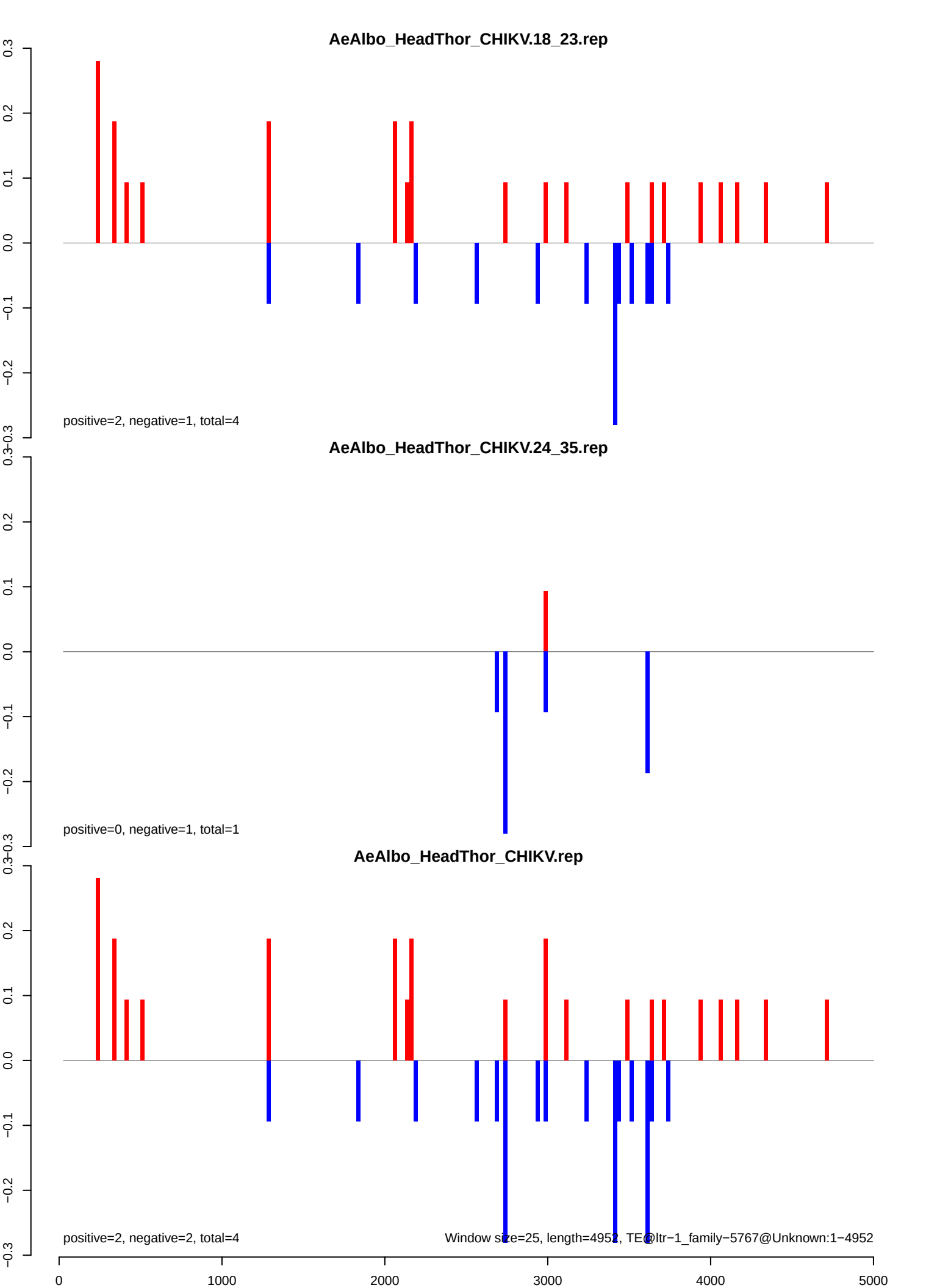

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=2, total=5
Window size=25, length=4213, TE@ltr−1_family−6037@LTR_Copia:1−4213
0
1000
2000
3000
4000

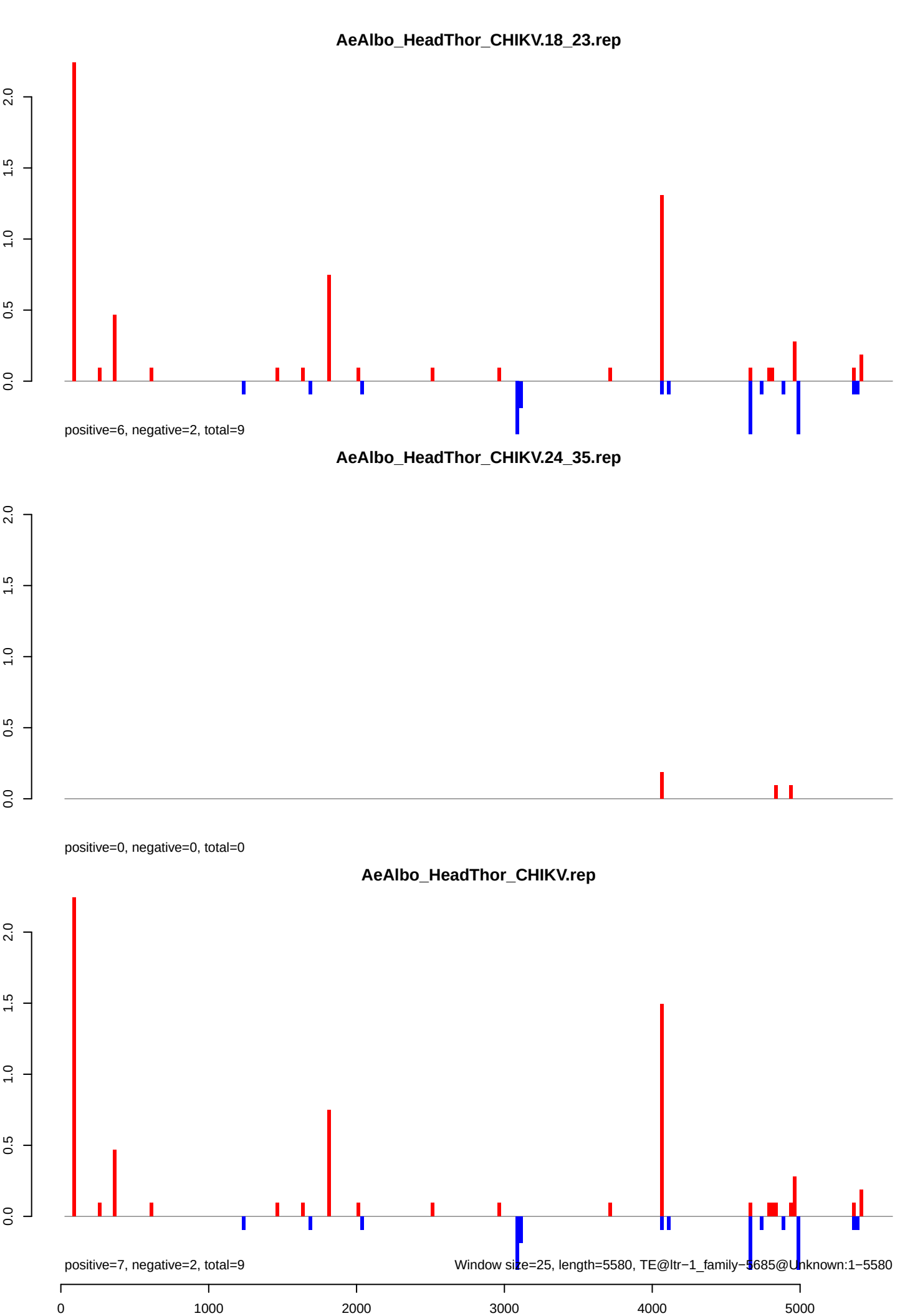

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=5
Window size=25, length=4127, TE@ltr−1_family−5928@LTR_Gypsy:1−4127
0
1000
2000
3000
4000

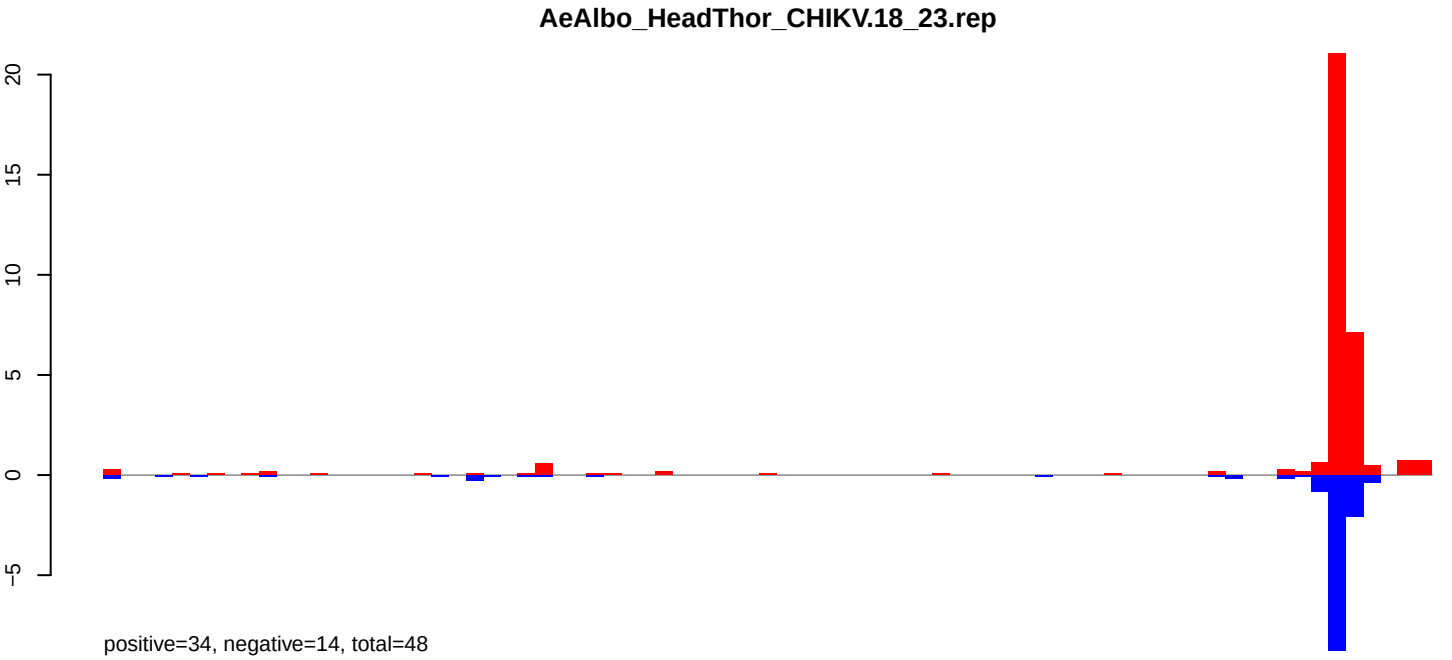

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
positive=9, negative=5, total=13

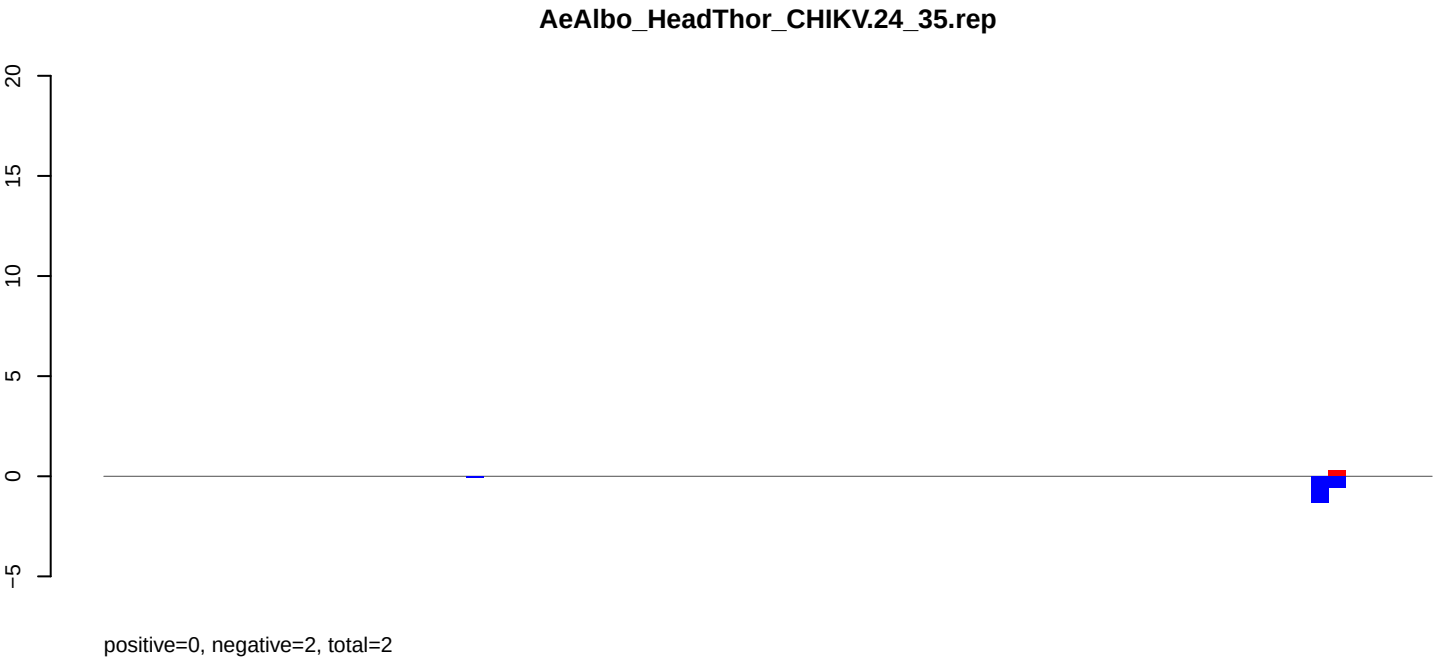

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
positive=1, negative=0, total=1

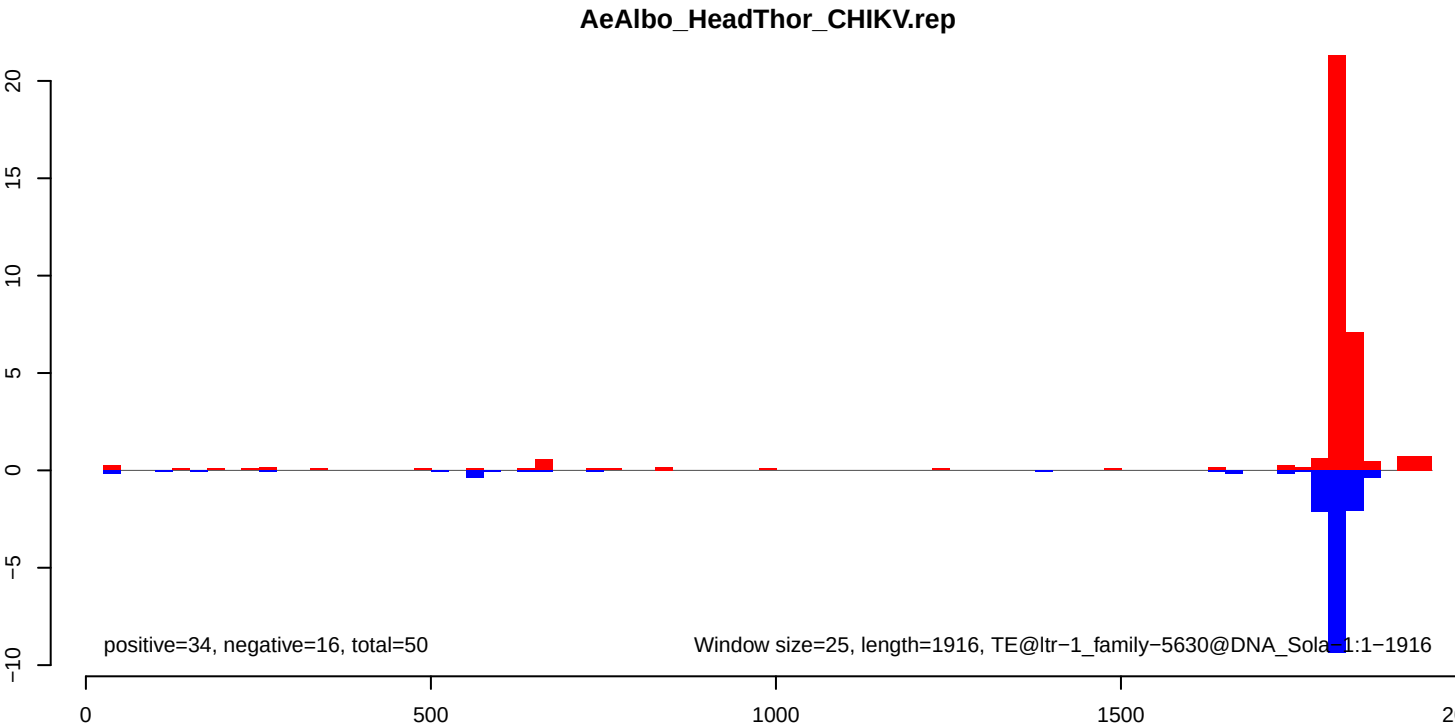

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
positive=10, negative=5, total=15
Window size=25, length=5149, TE@ltr−1_family−5849@LINE_I:1−5149
0
1000
2000
3000
4000
5000

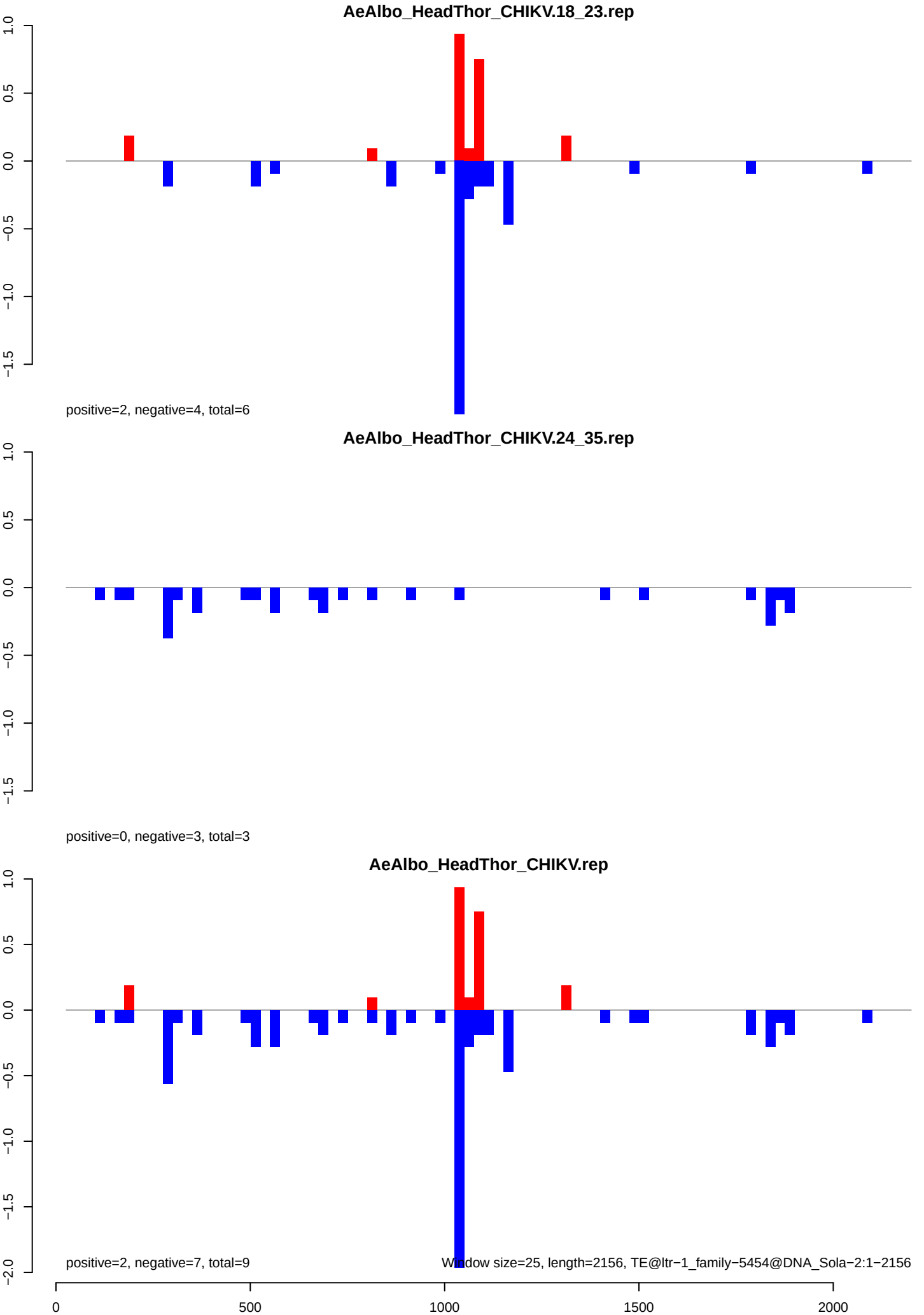

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=4952, TE@ltr−1_family−5767@Unknown:1−4952
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000
5000

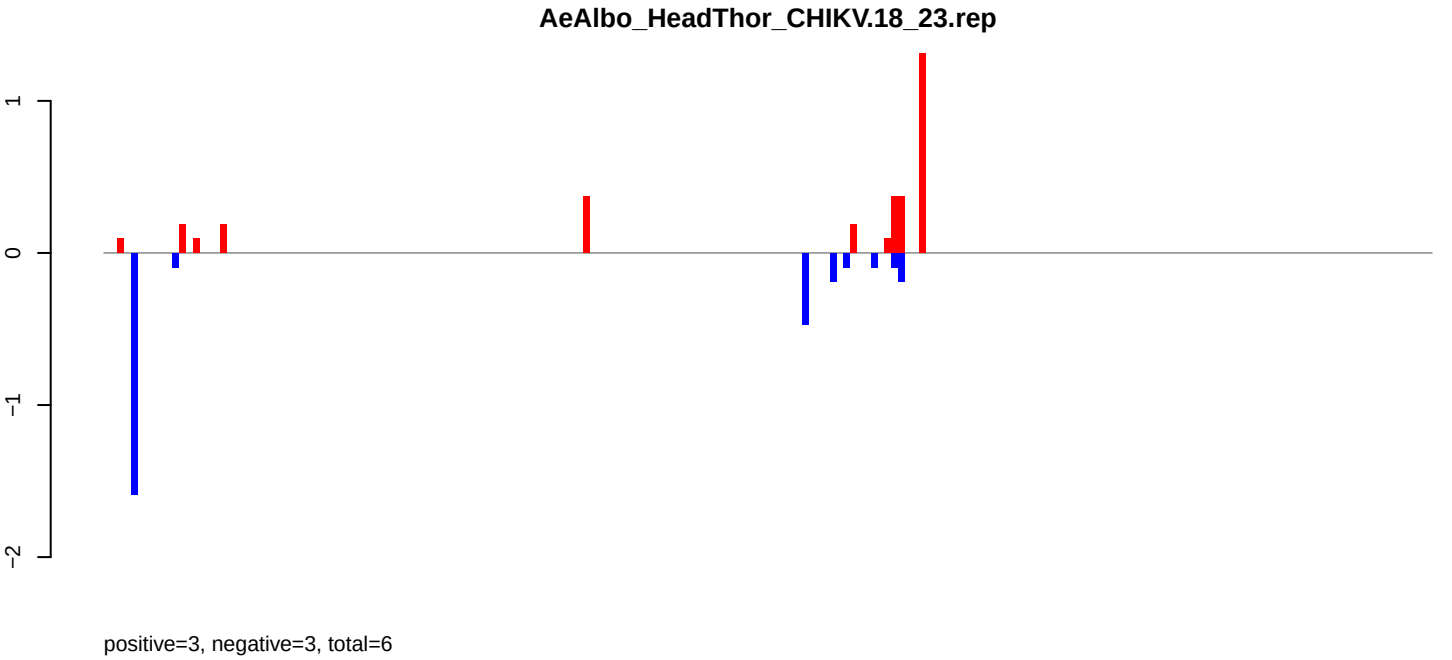

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
positive=6, negative=2, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
positive=7, negative=2, total=9
Window size=25, length=5580, TE@ltr−1_family−5685@Unknown:1−5580
0
1000
2000
3000
4000
5000

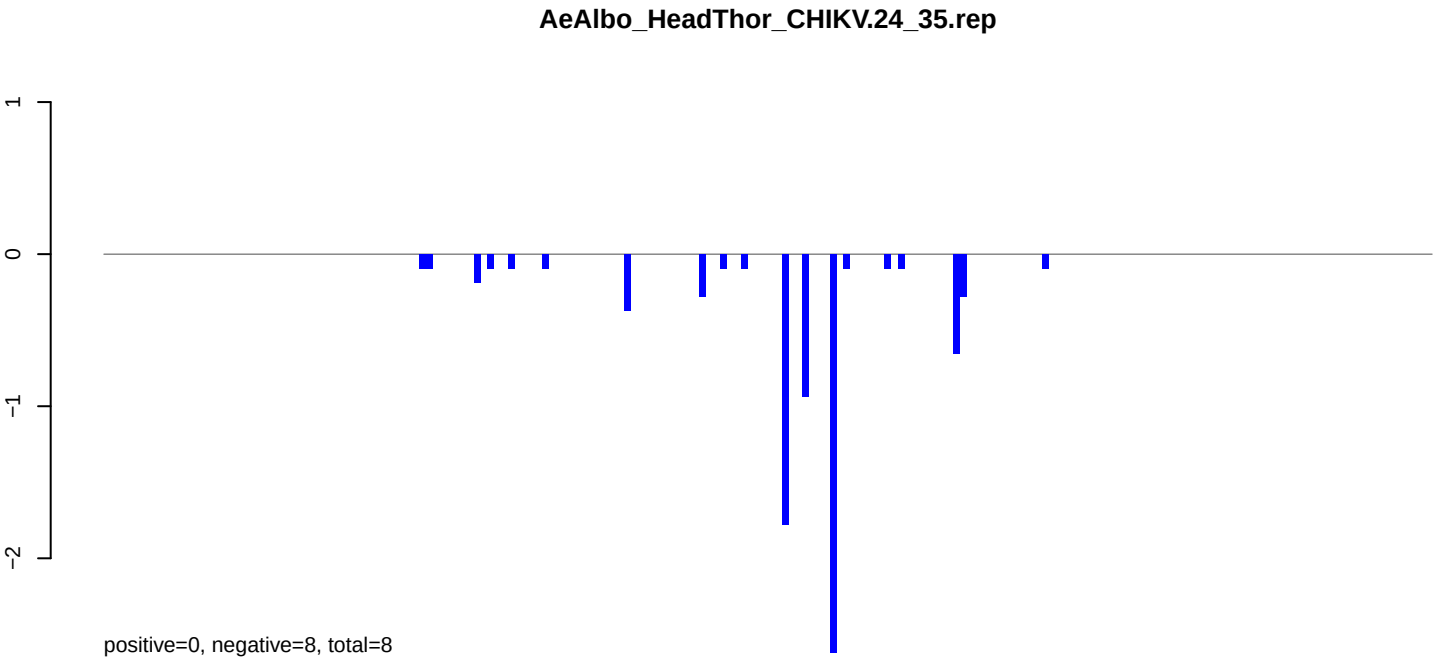

AeAlbo_HeadThor_CHIKV.18_23.rep
20
15
10
5
0
−5
positive=34, negative=14, total=48

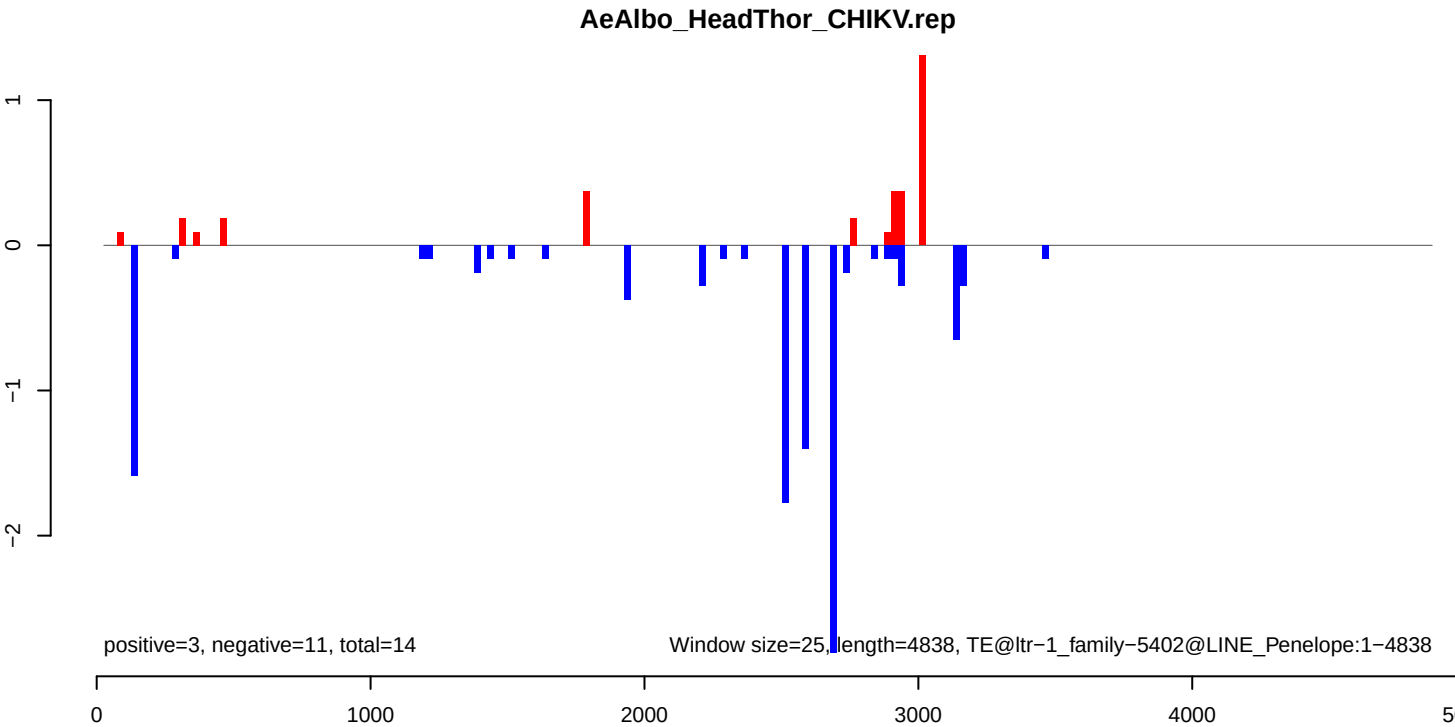

AeAlbo_HeadThor_CHIKV.24_35.rep
20
15
10
5
0
−5
positive=0, negative=2, total=2


AeAlbo_HeadThor_CHIKV.rep
20
15
10
5
0
−5
−10
positive=34, negative=16, total=50
Window size=25, length=1916, TE@ltr−1_family−5630@DNA_Sola−1:1−1916
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=7, total=9
Window size=25, length=2156, TE@ltr−1_family−5454@DNA_Sola−2:1−2156
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=3, negative=3, total=6


AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=0, negative=8, total=8


AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=3, negative=11, total=14
Window size=25, length=4838, TE@ltr−1_family−5402@LINE_Penelope:1−4838
0
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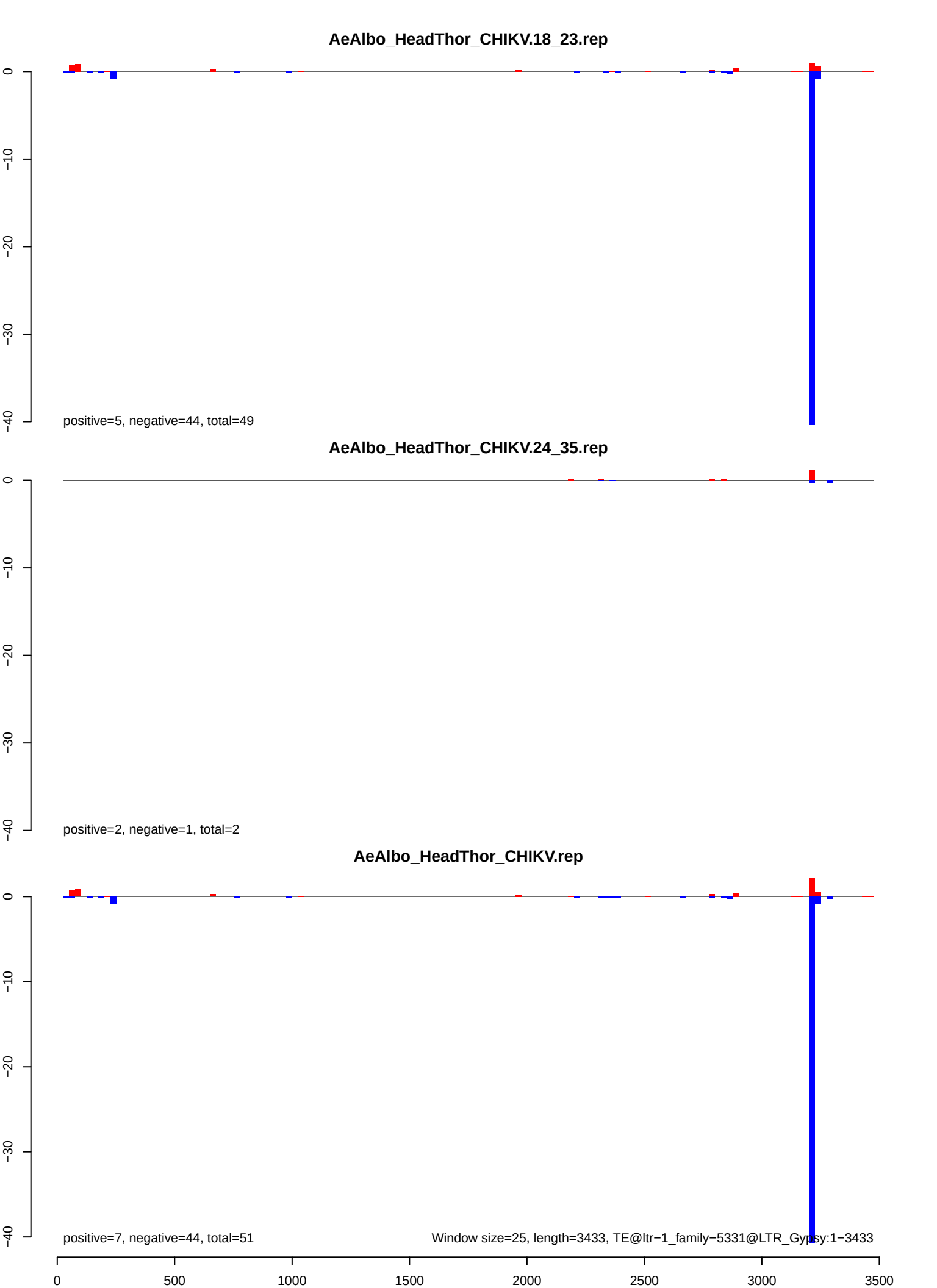
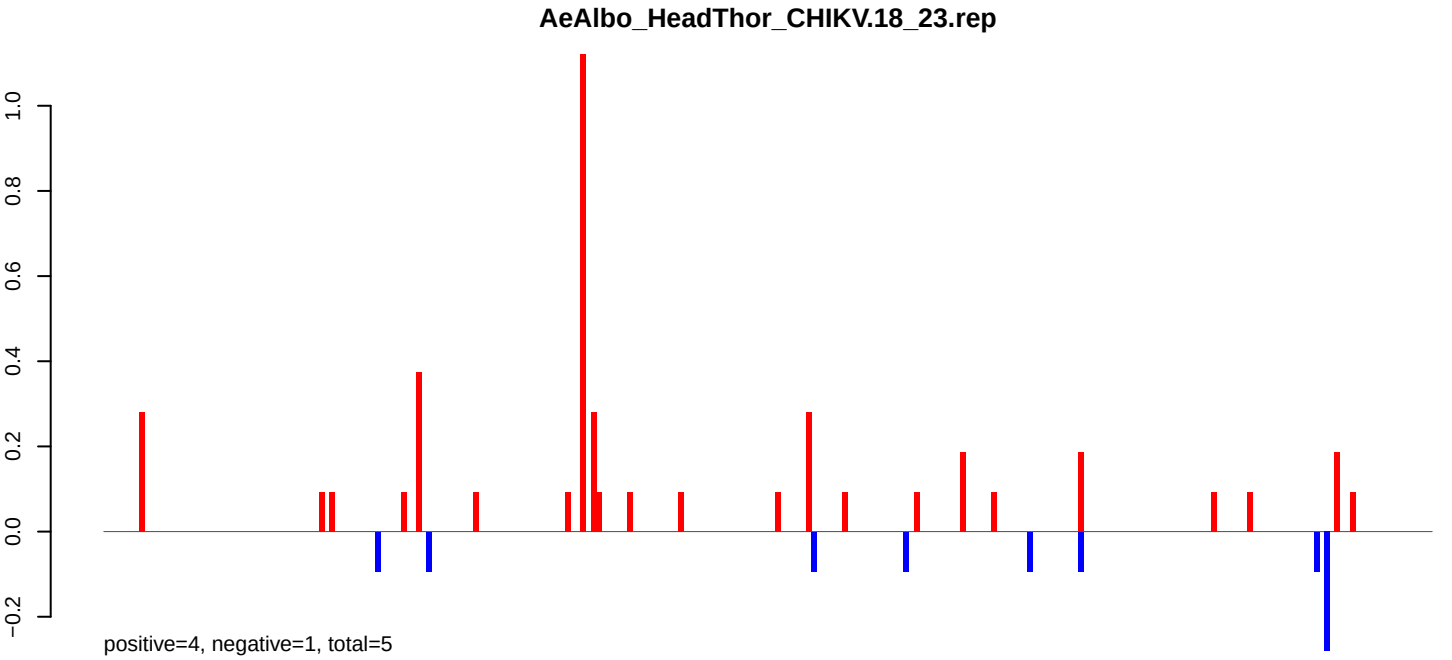
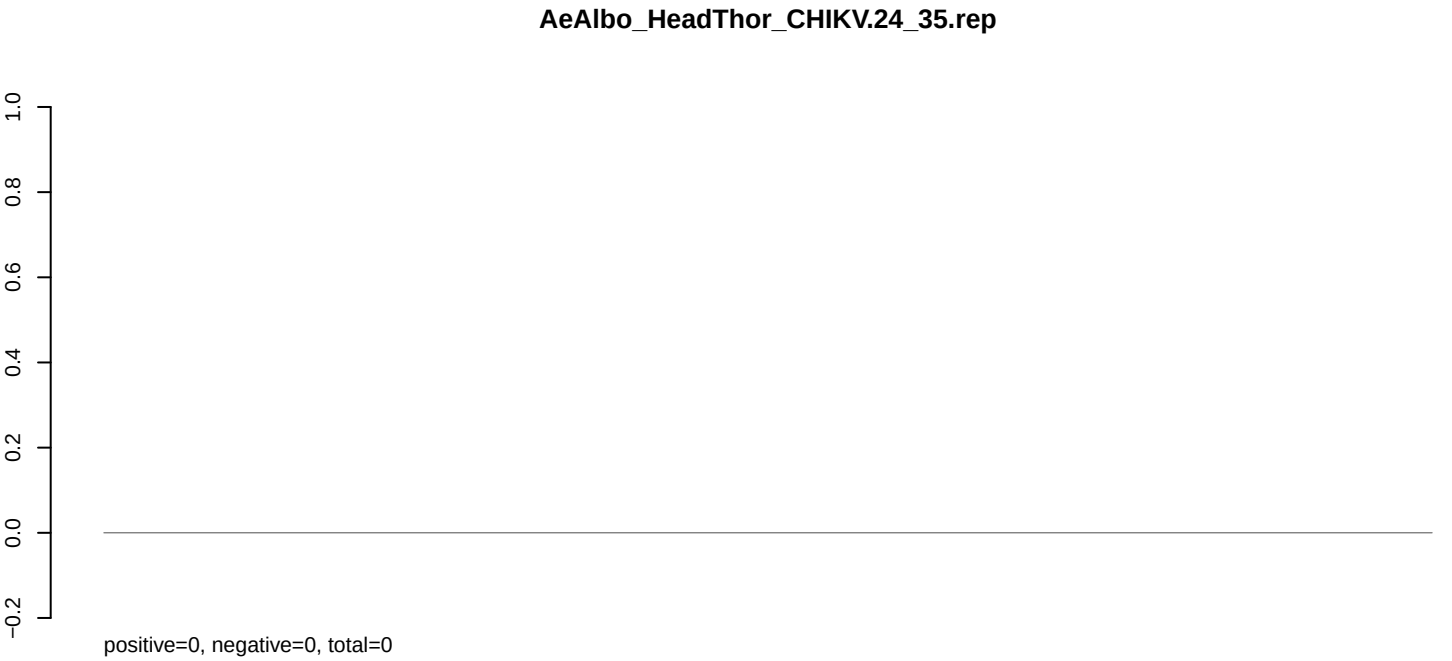
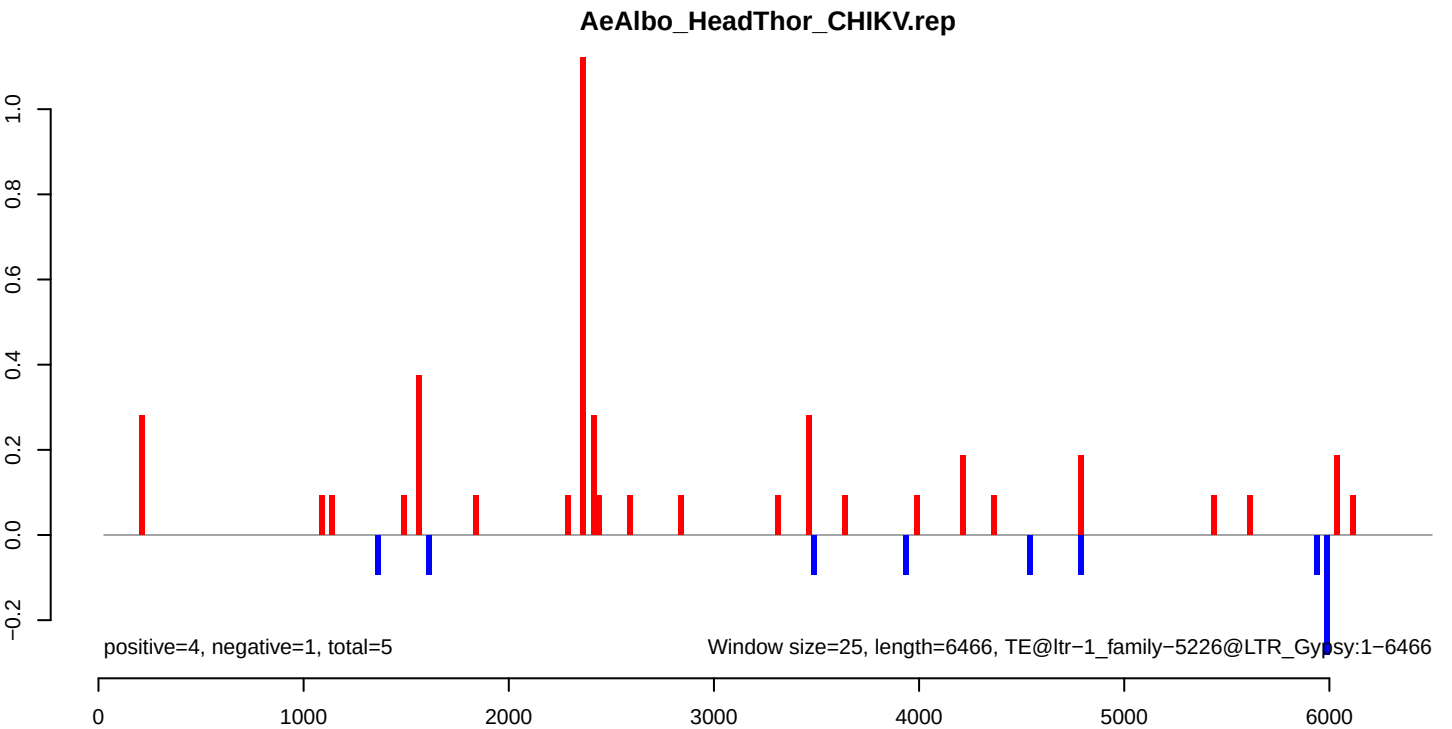
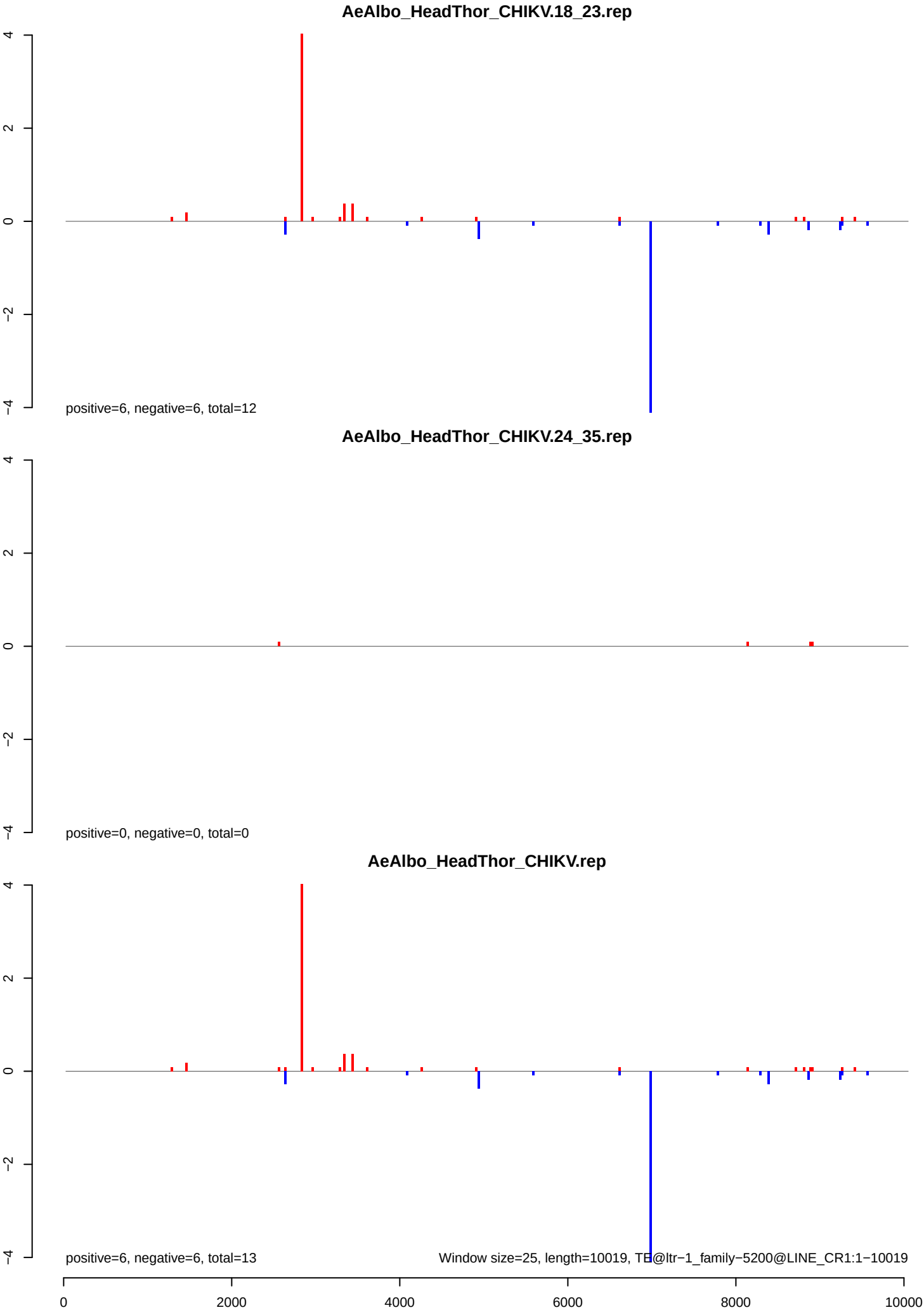
2000
3000
4000
5000

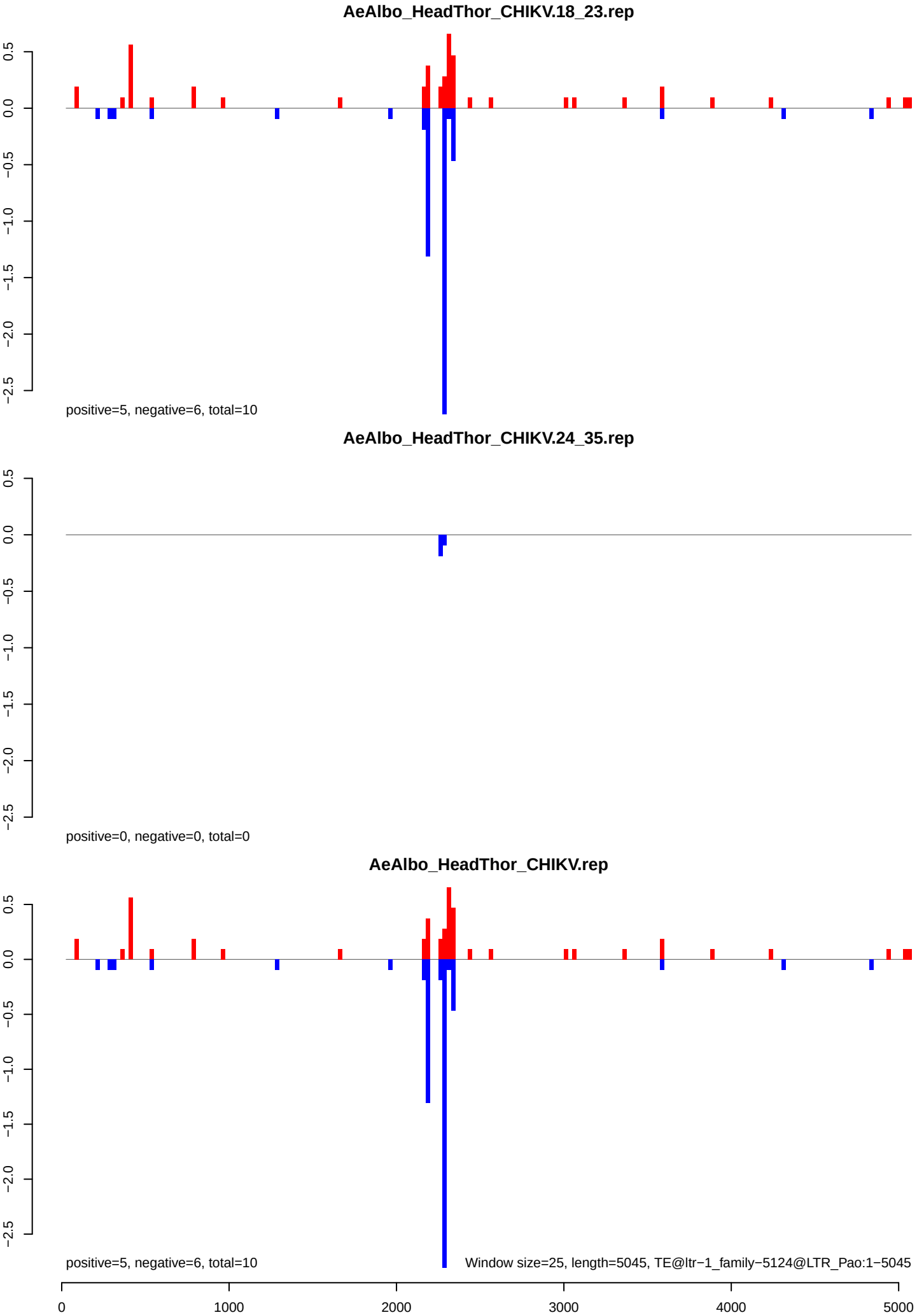

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=5, negative=44, total=49
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=7, negative=44, total=51
Window size=25, length=3433, TE@ltr−1_family−5331@LTR_Gypsy:1−3433
0
500
1000
1500
2000
2500
3000
3500

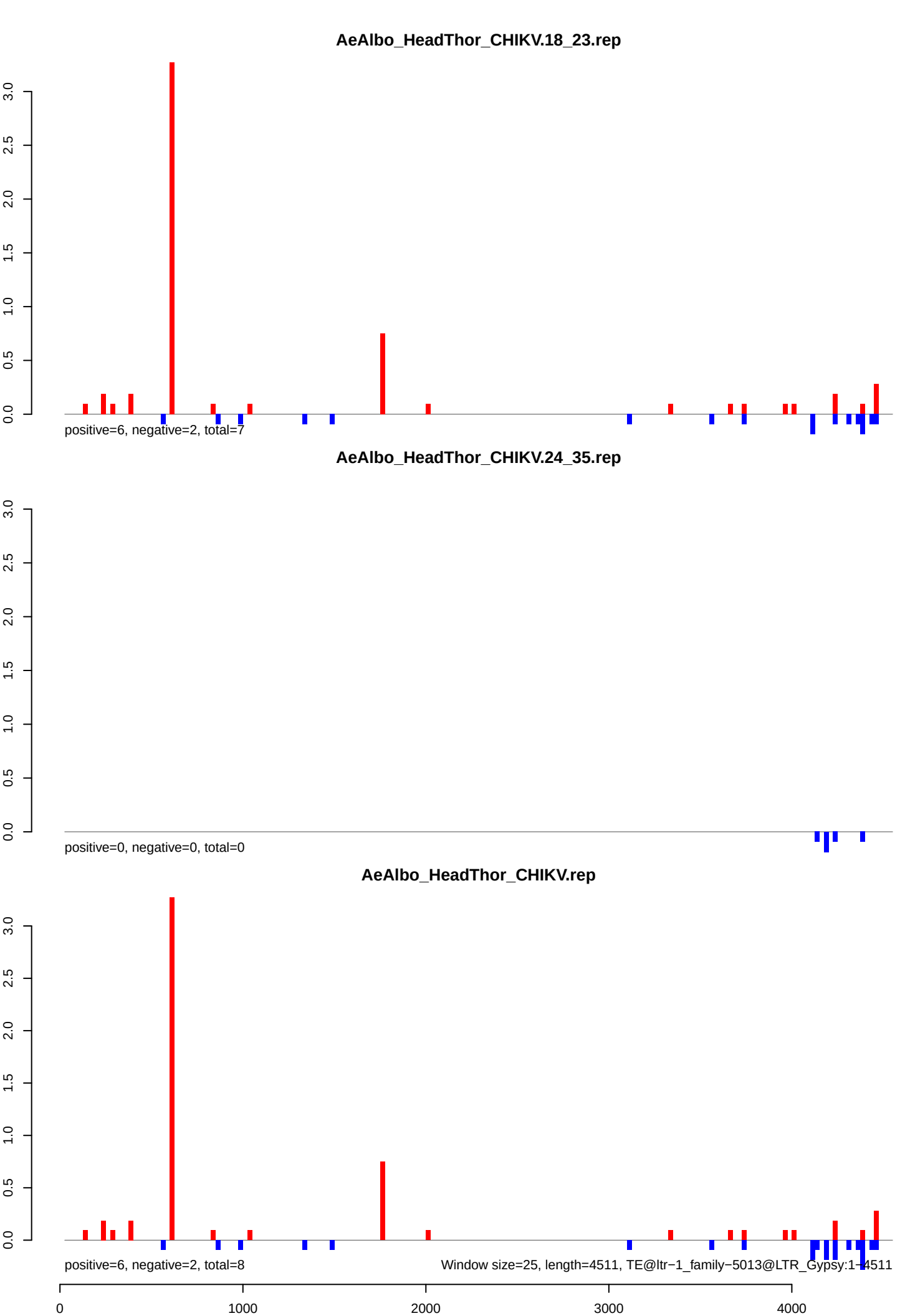

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=1, total=5

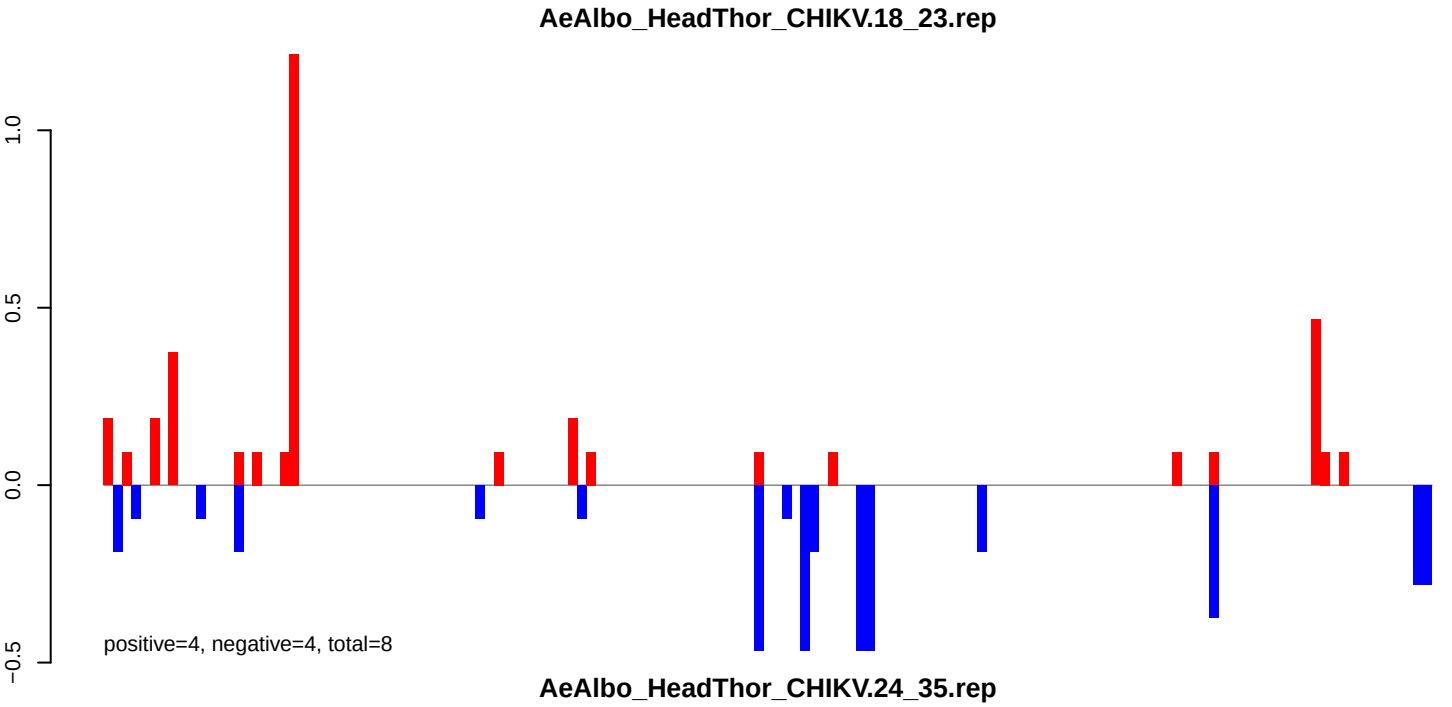

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

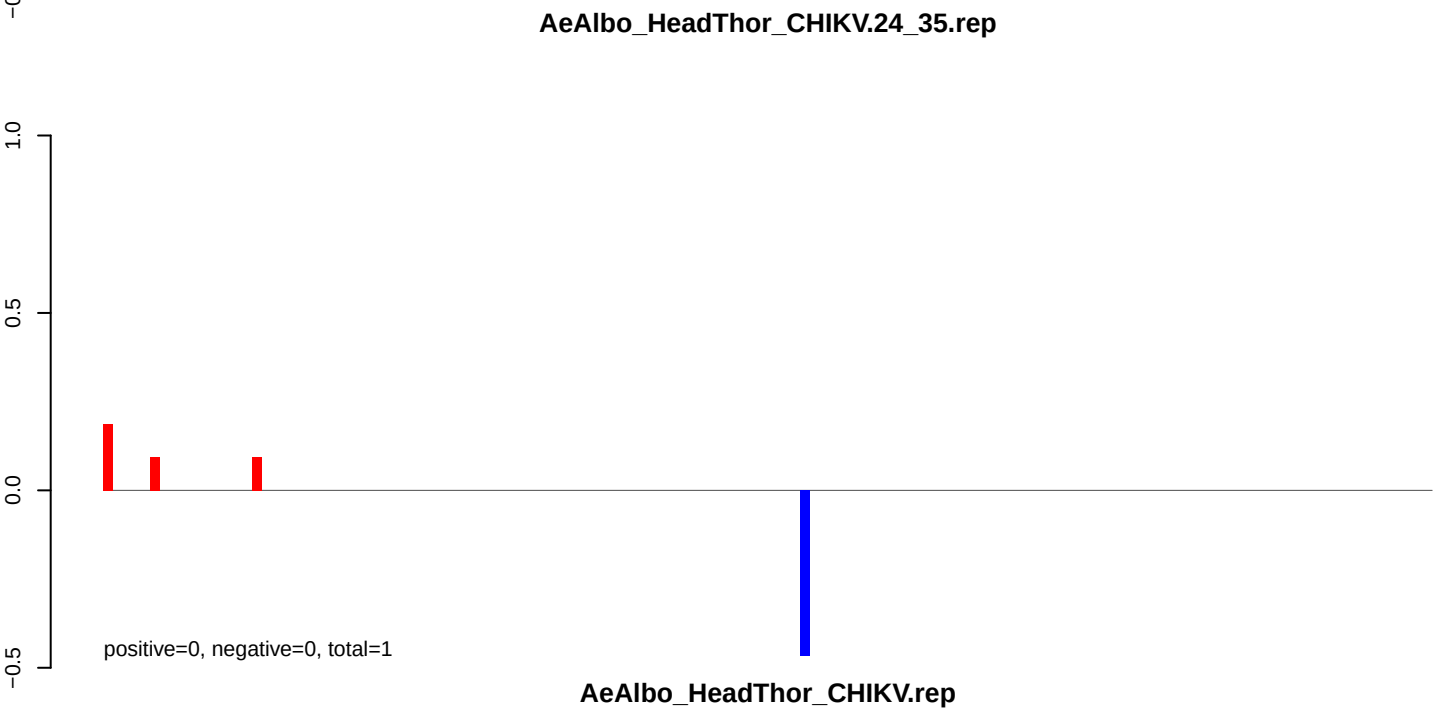

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=1, total=5
Window size=25, length=6466, TE@ltr−1_family−5226@LTR_Gypsy:1−6466
0
1000
2000
3000
4000
5000
6000

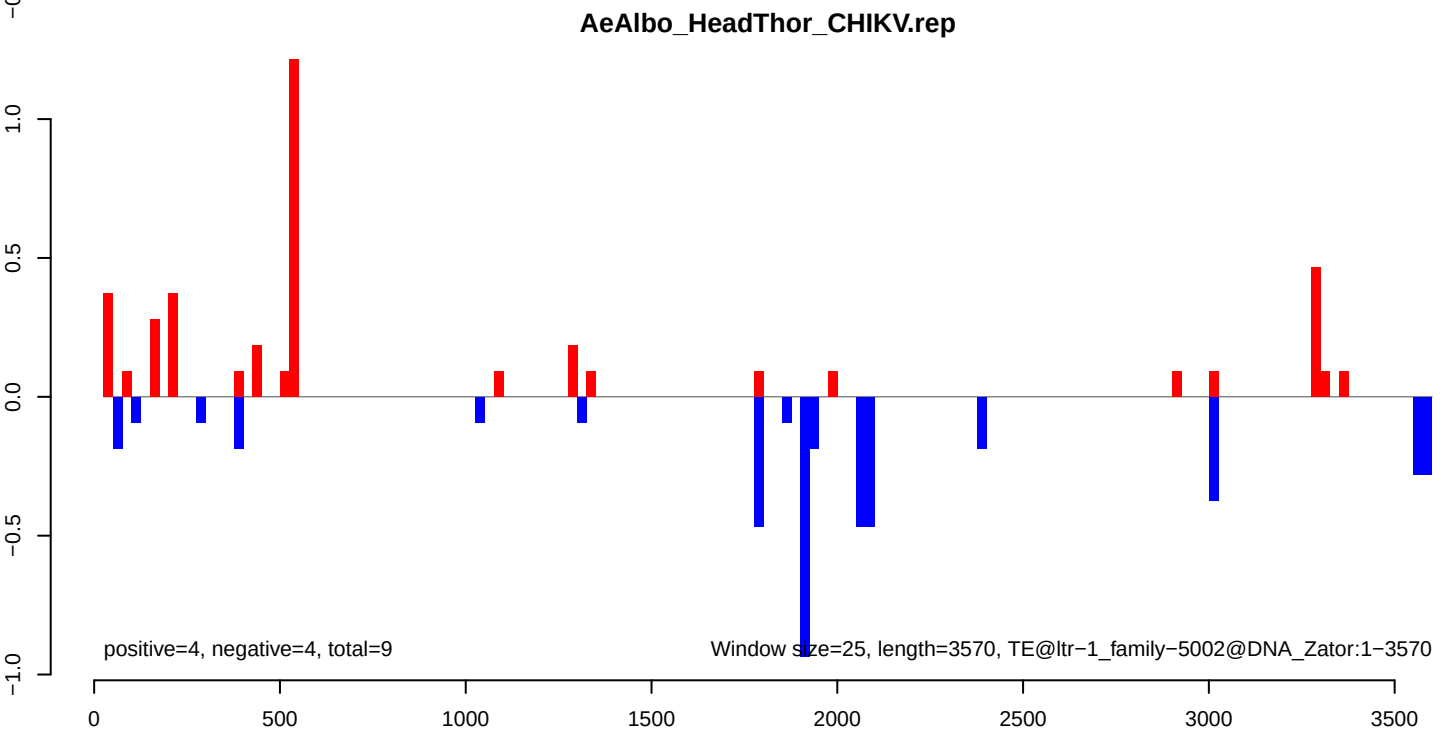

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=6, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=6, total=13
Window size=25, length=10019, TE@ltr−1_family−5200@LINE_CR1:1−10019
4
2
0
−2
−4
0
2000
4000
6000
8000
10000

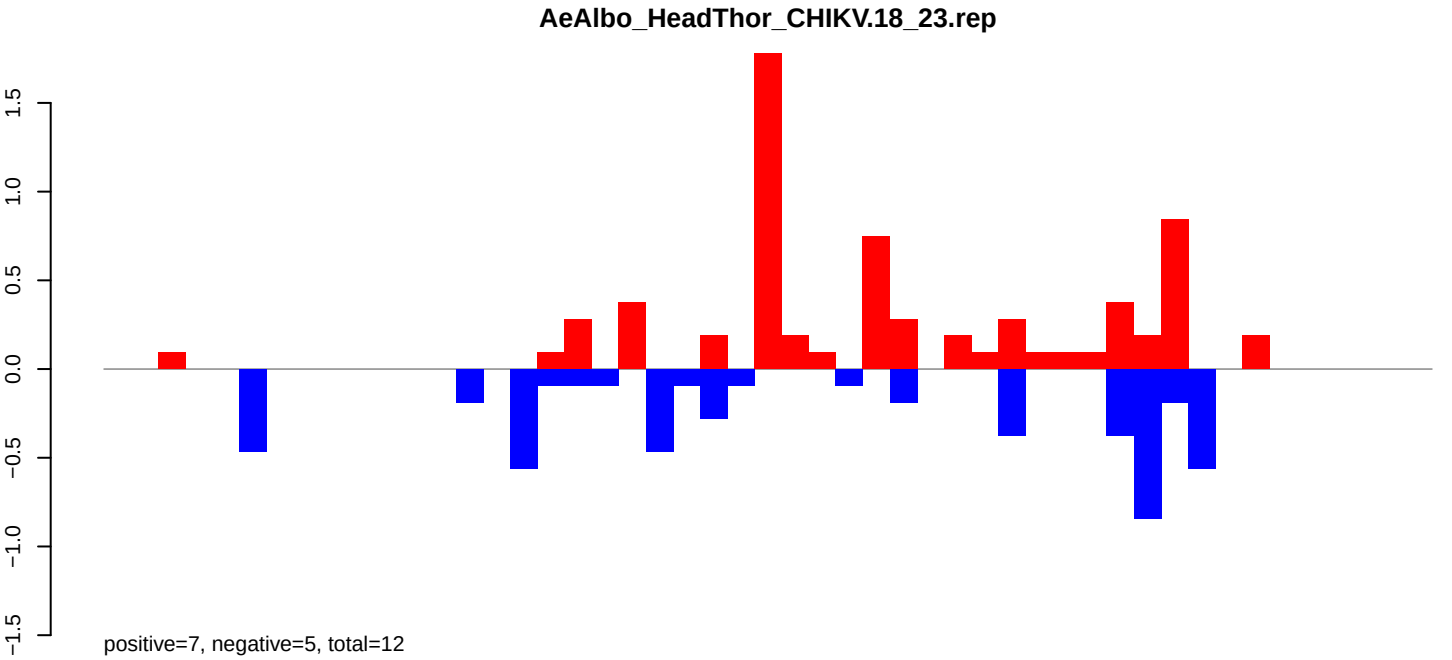

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=5, negative=6, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=6, total=10
Window size=25, length=5045, TE@ltr−1_family−5124@LTR_Pao:1−5045
0
1000
2000
3000
4000
5000

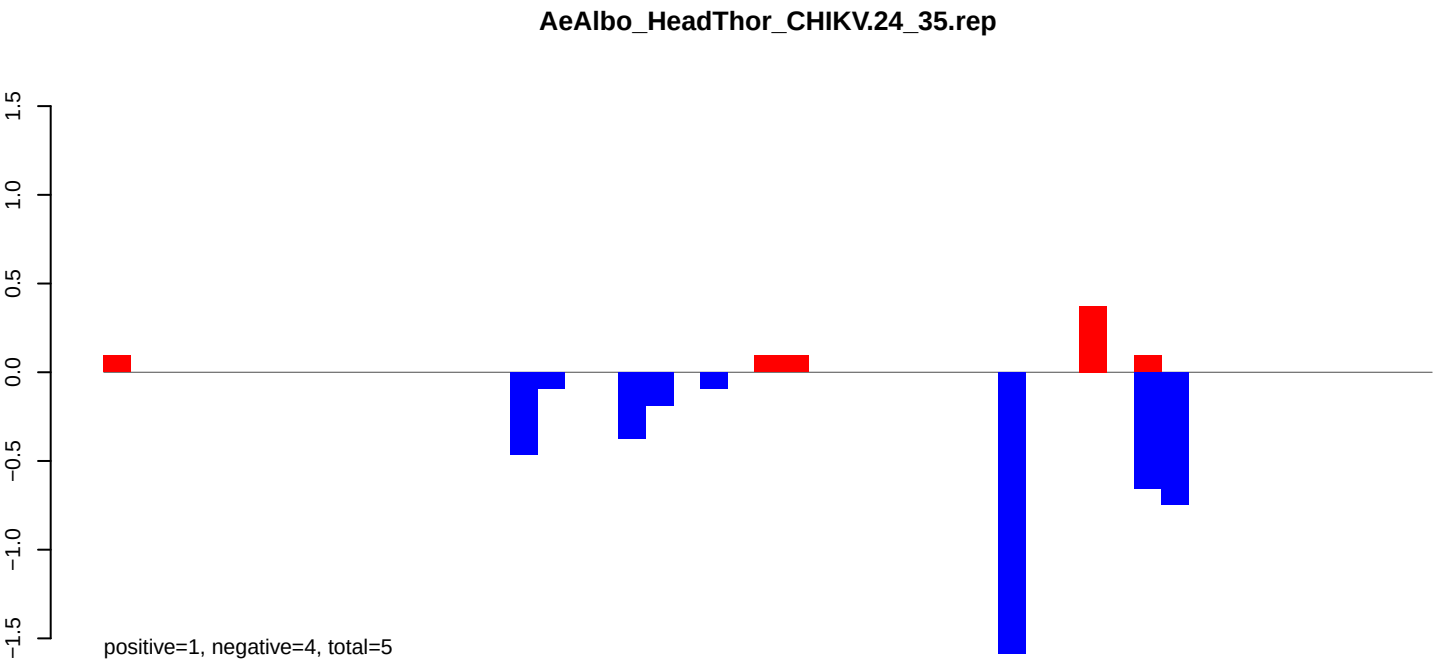

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=6, negative=2, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=6, negative=2, total=8
Window size=25, length=4511, TE@ltr−1_family−5013@LTR_Gypsy:1−4511
0
1000
2000
3000
4000

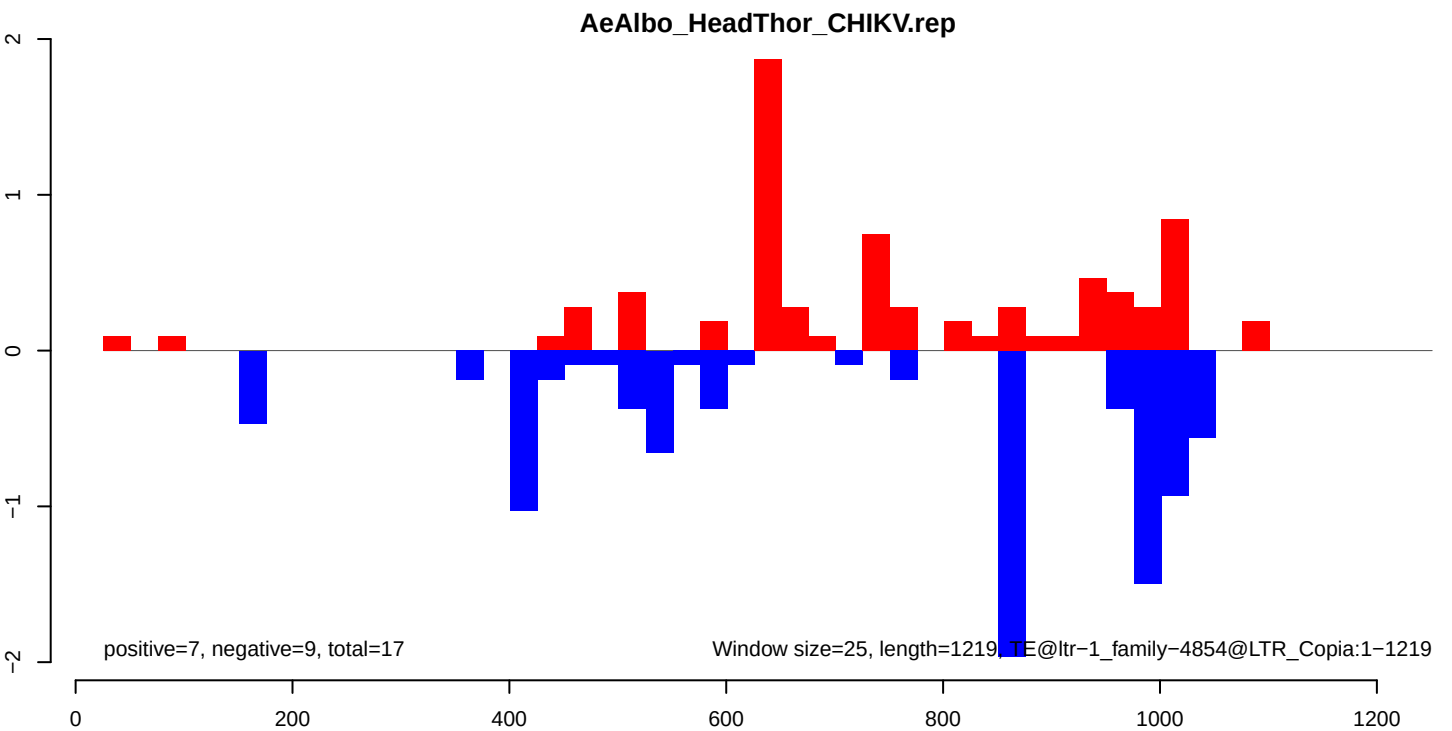

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=4, negative=4, total=8

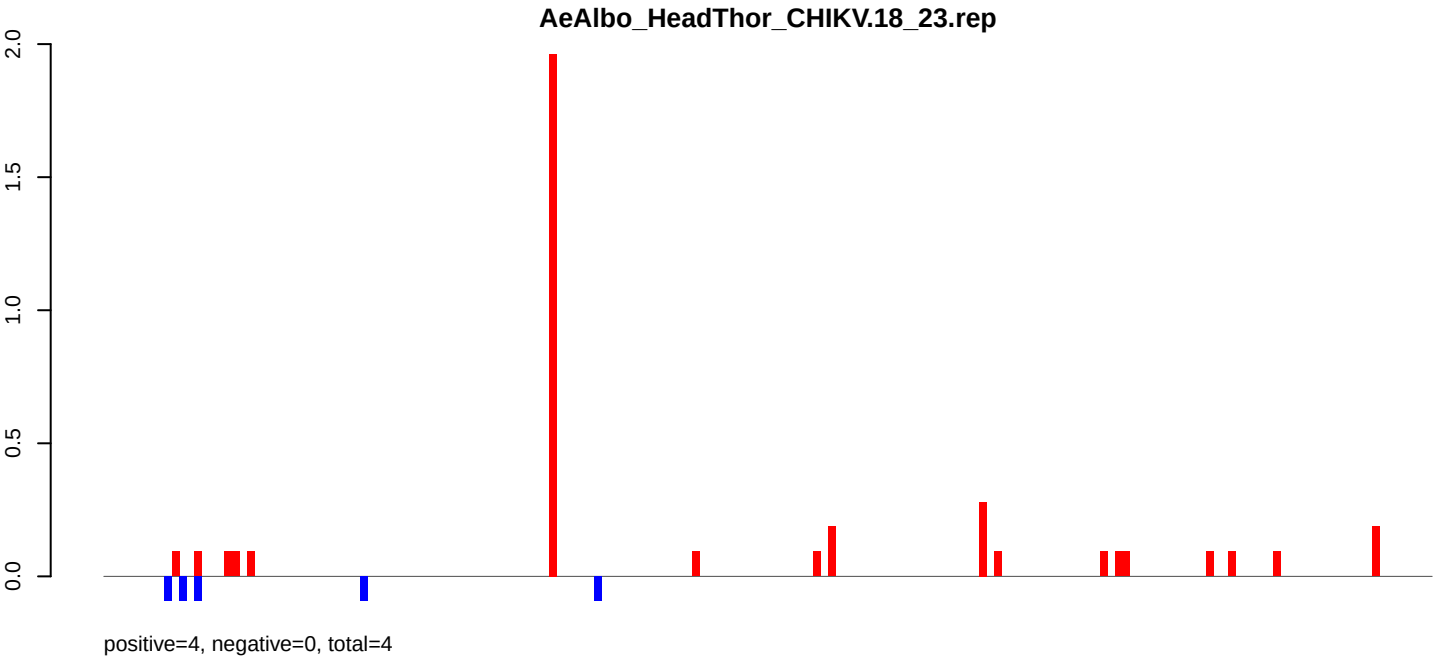

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=1

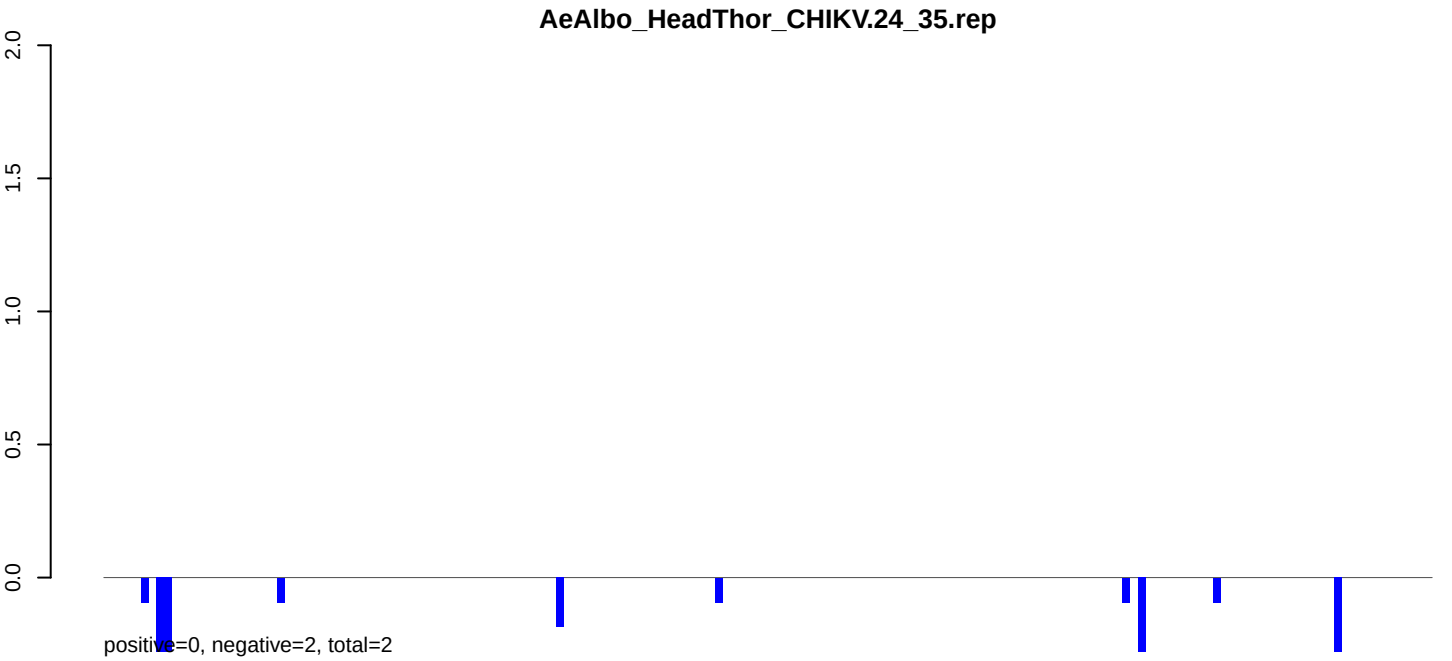

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=4, negative=4, total=9
Window size=25, length=3570, TE@ltr−1_family−5002@DNA_Zator:1−3570
0
500
1000
1500
2000
2500
3000
3500

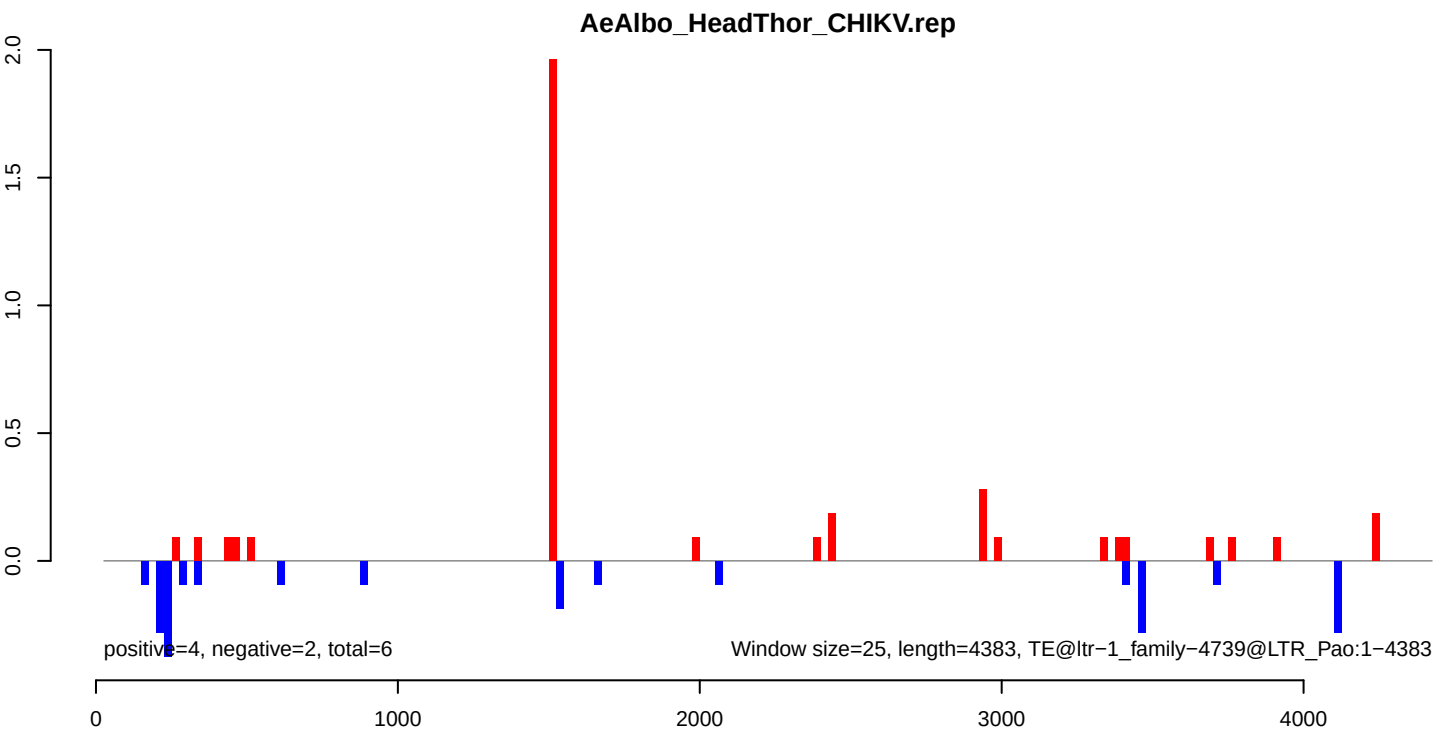

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=7, negative=5, total=12

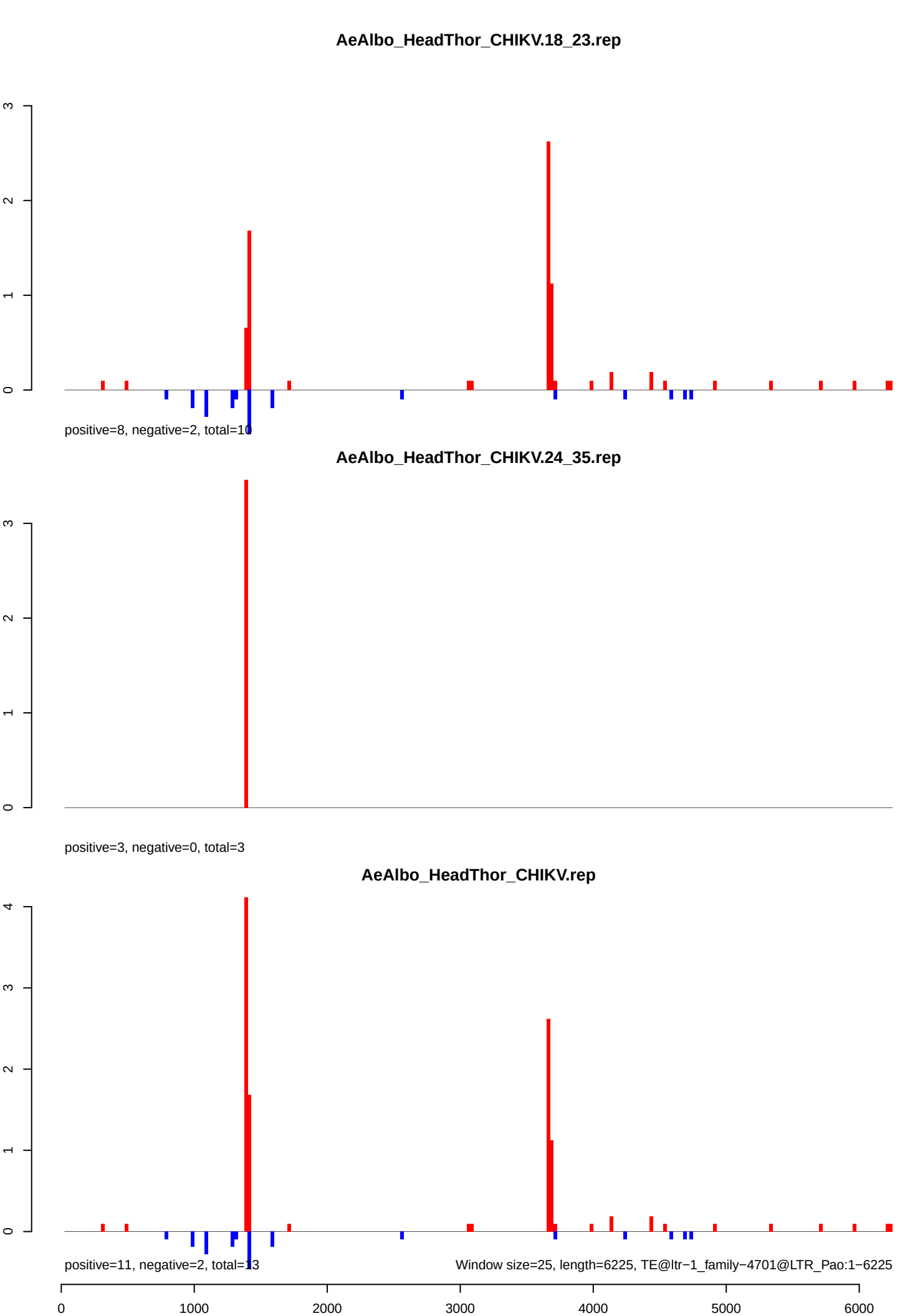

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=4, total=5

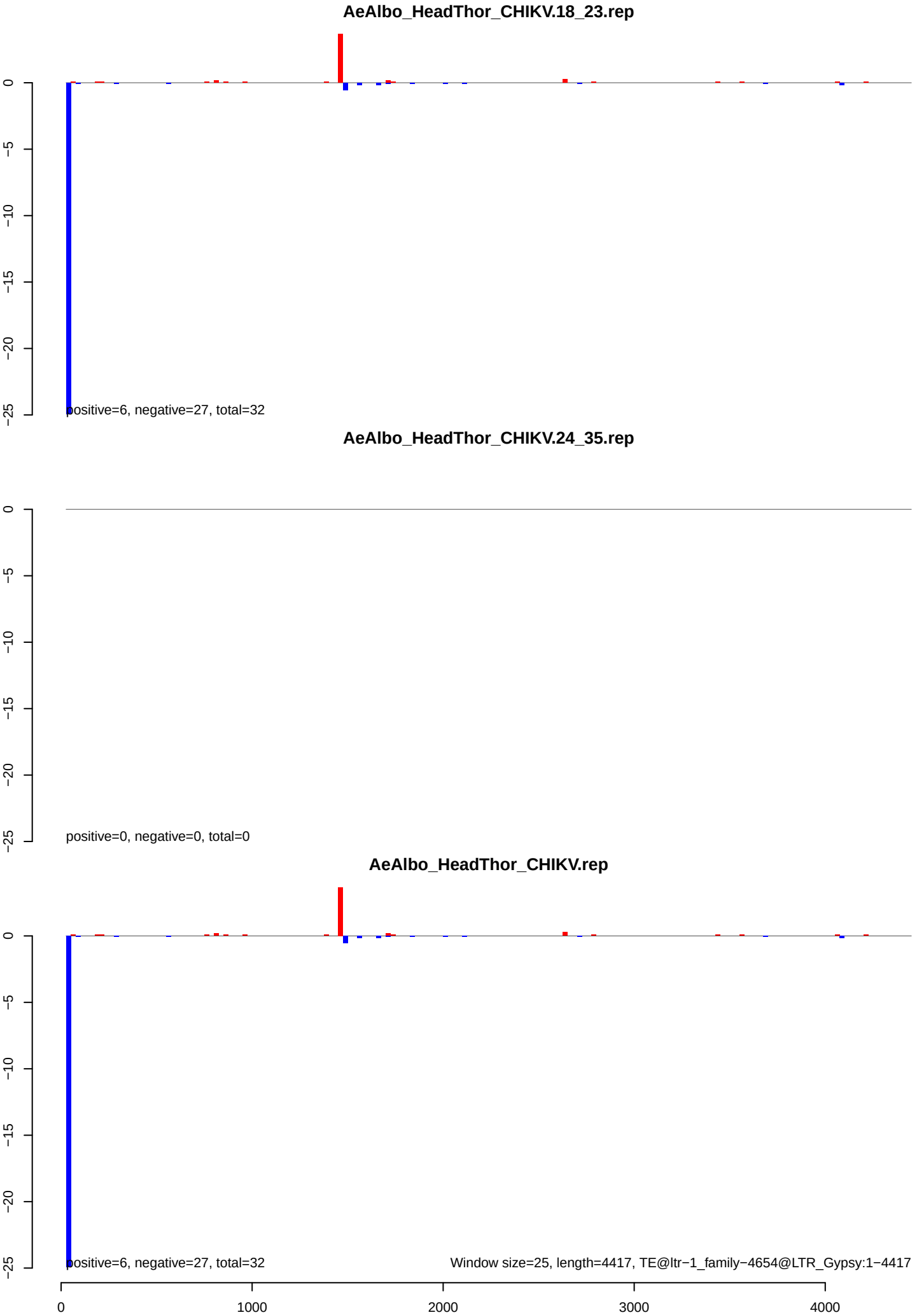

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
positive=7, negative=9, total=17
Window size=25, length=1219, TE@ltr−1_family−4854@LTR_Copia:1−1219
0
200
400
600
800
1000
1200

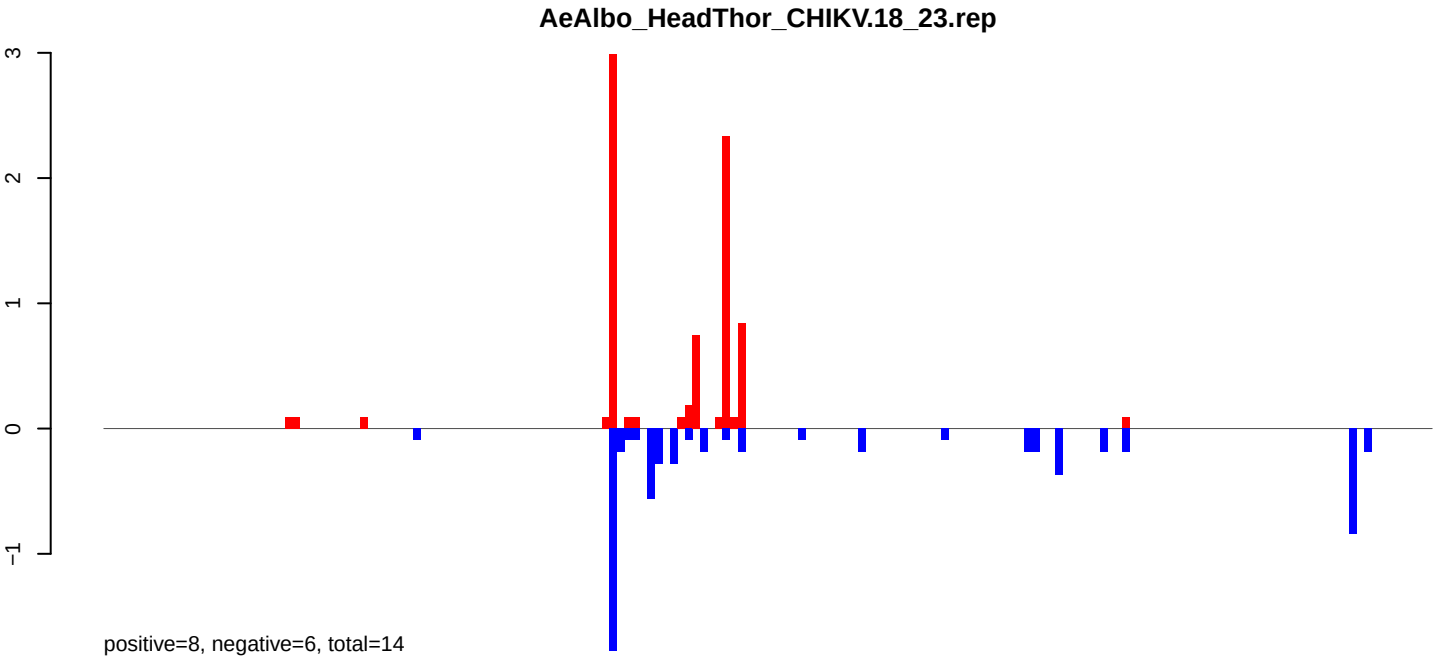

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=4, negative=0, total=4

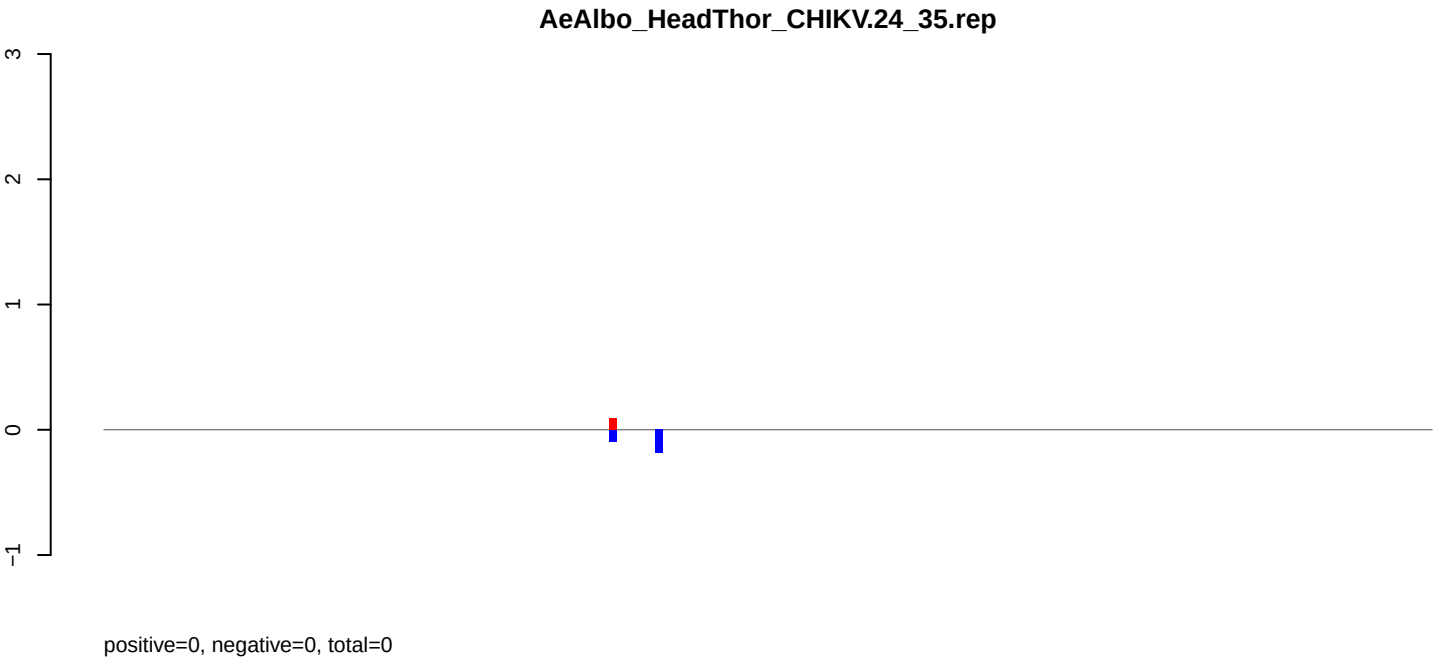

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=2, total=2

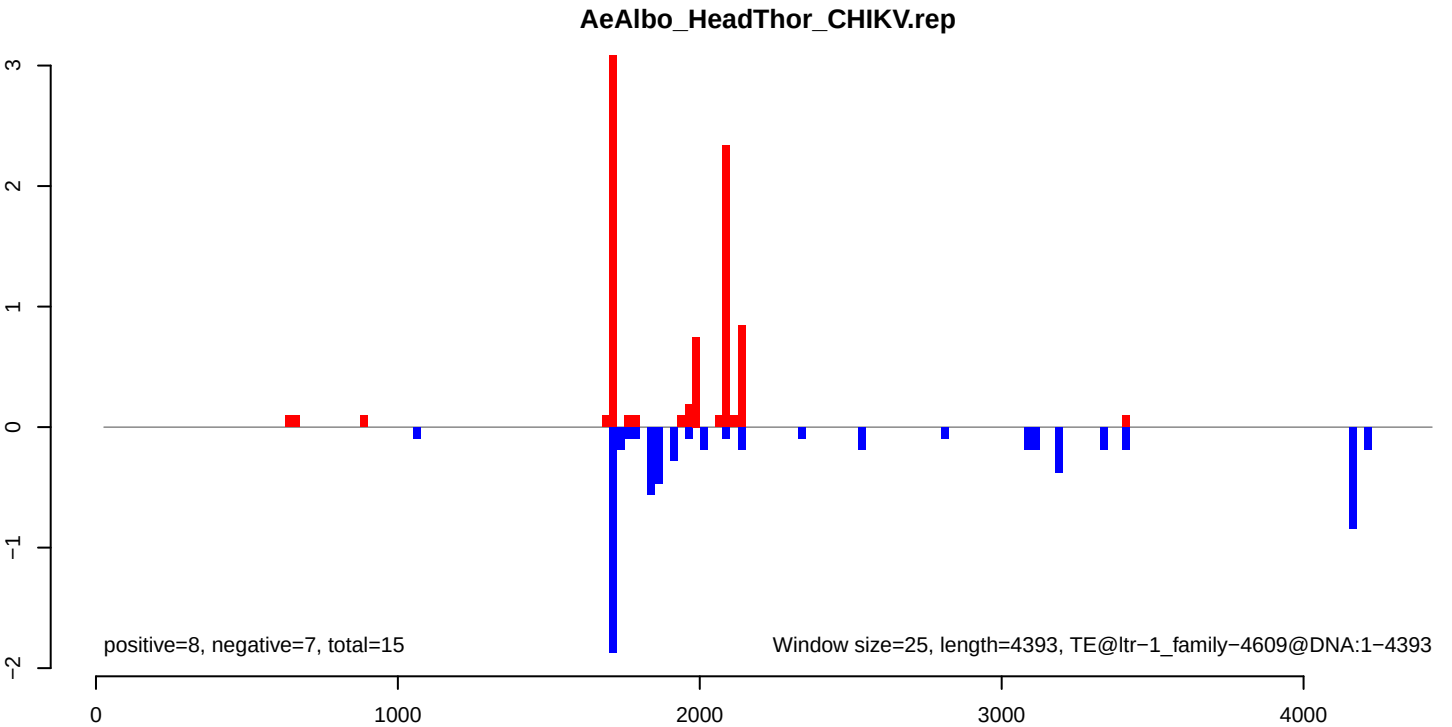

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=4, negative=2, total=6
Window size=25, length=4383, TE@ltr−1_family−4739@LTR_Pao:1−4383
0
1000
2000
3000
4000

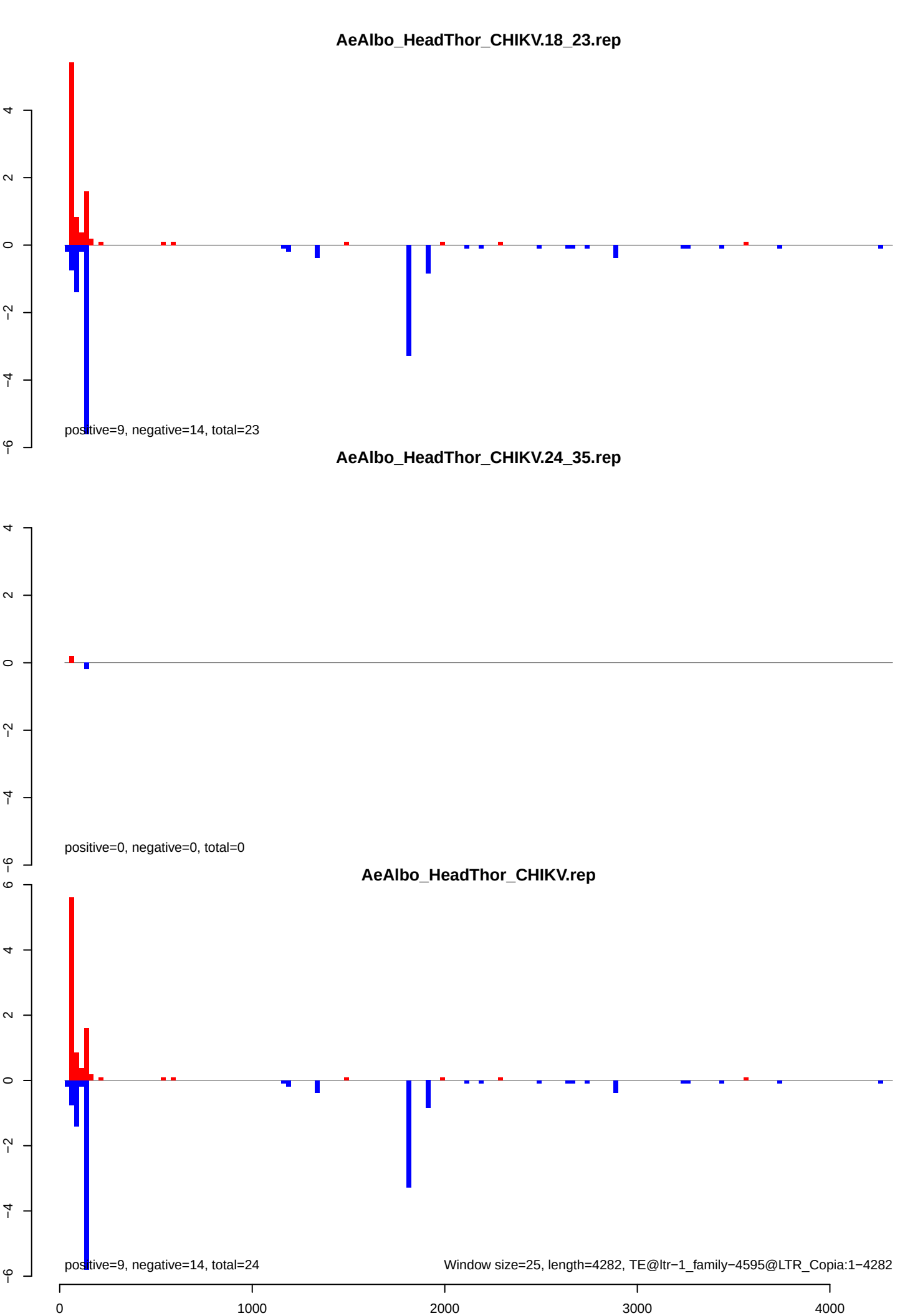

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=2, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=2, total=13
Window size=25, length=6225, TE@ltr−1_family−4701@LTR_Pao:1−6225
0
1000
2000
3000
4000
5000
6000

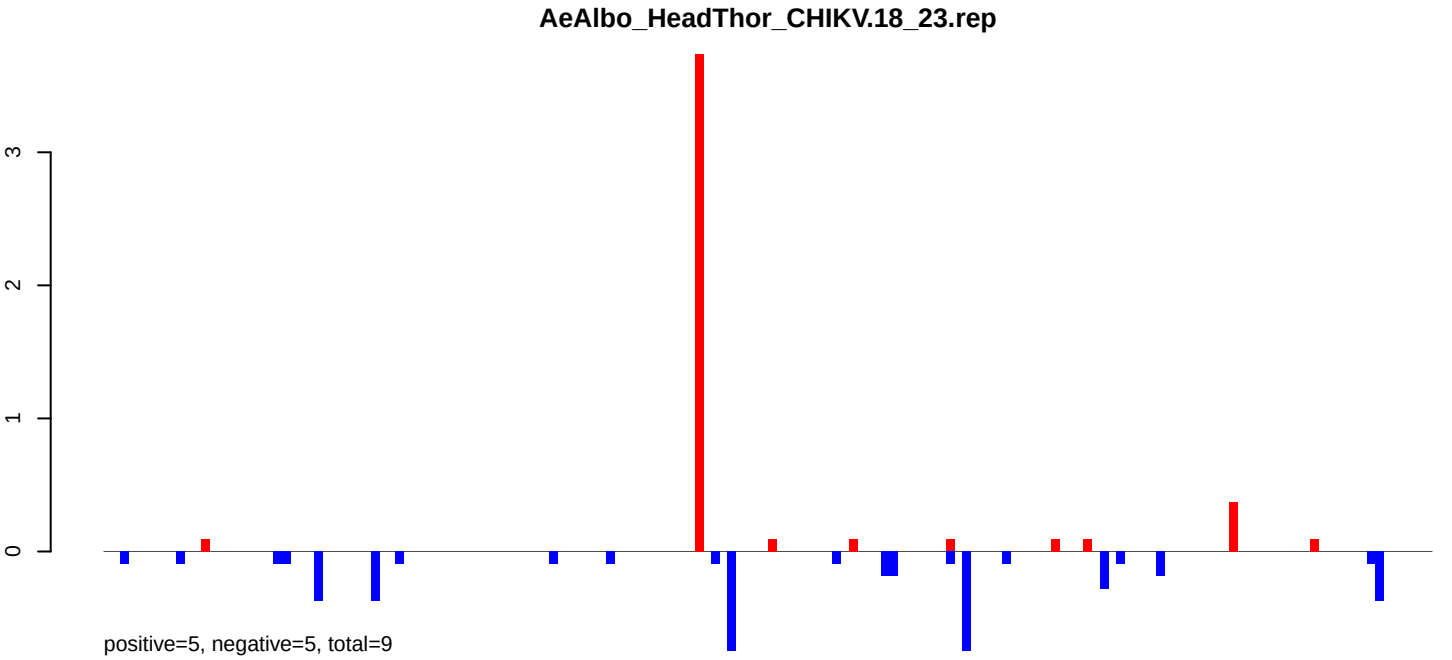

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=6, negative=27, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=6, negative=27, total=32
Window size=25, length=4417, TE@ltr−1_family−4654@LTR_Gypsy:1−4417
0
1000
2000
3000
4000

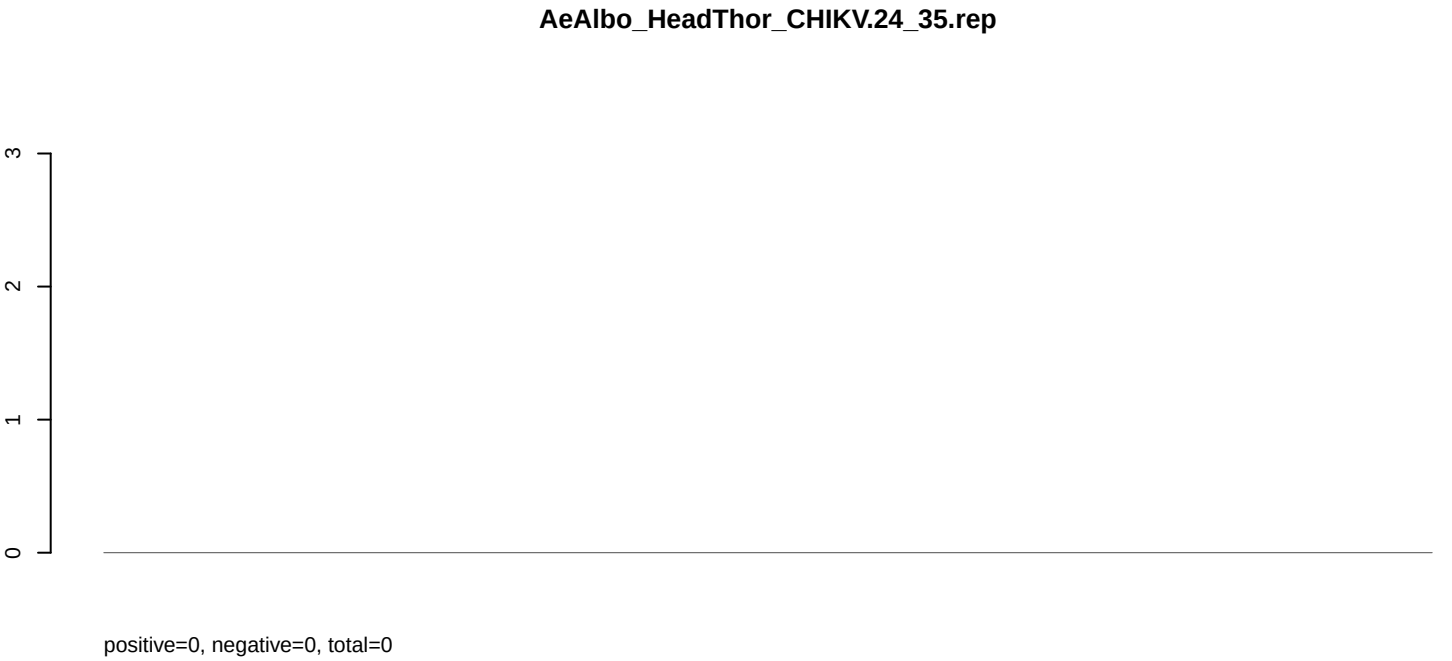

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
positive=8, negative=6, total=14

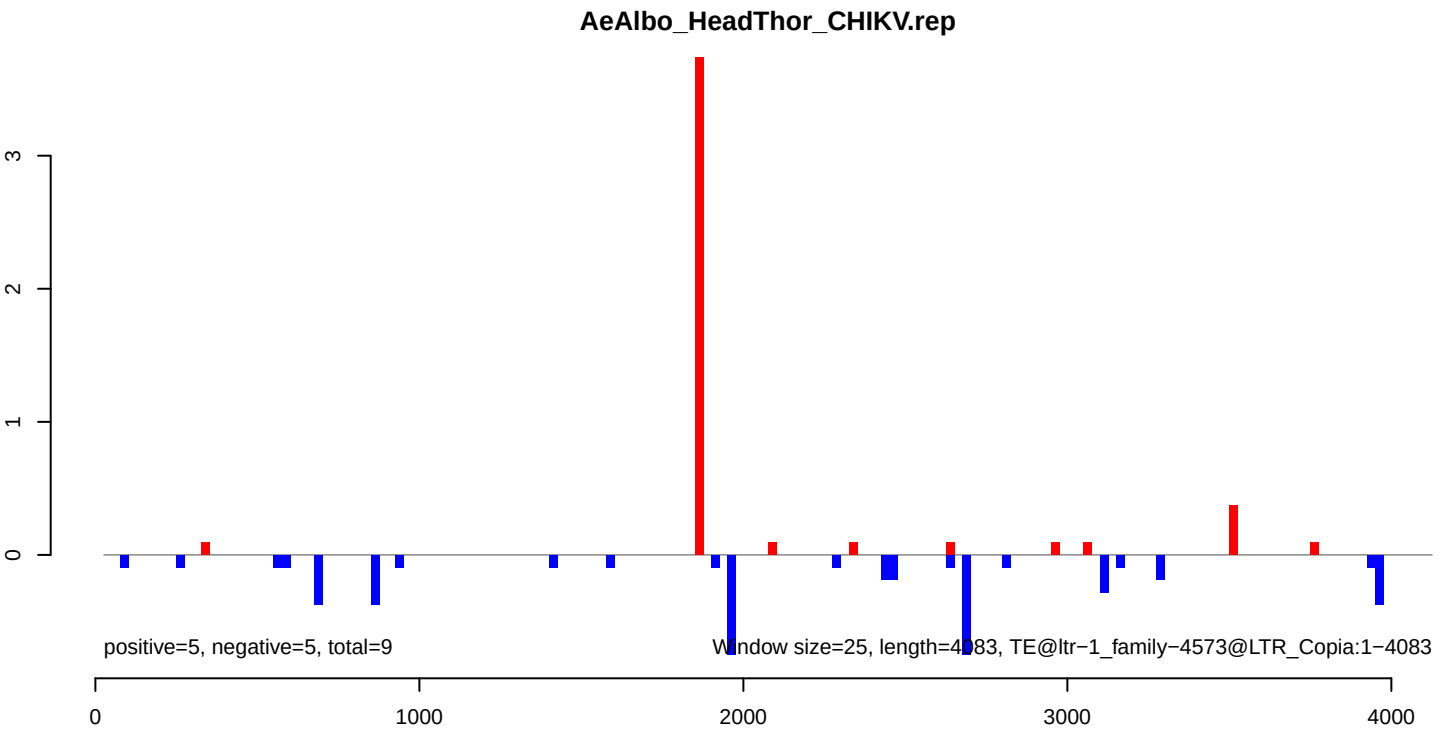

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
positive=0, negative=0, total=0

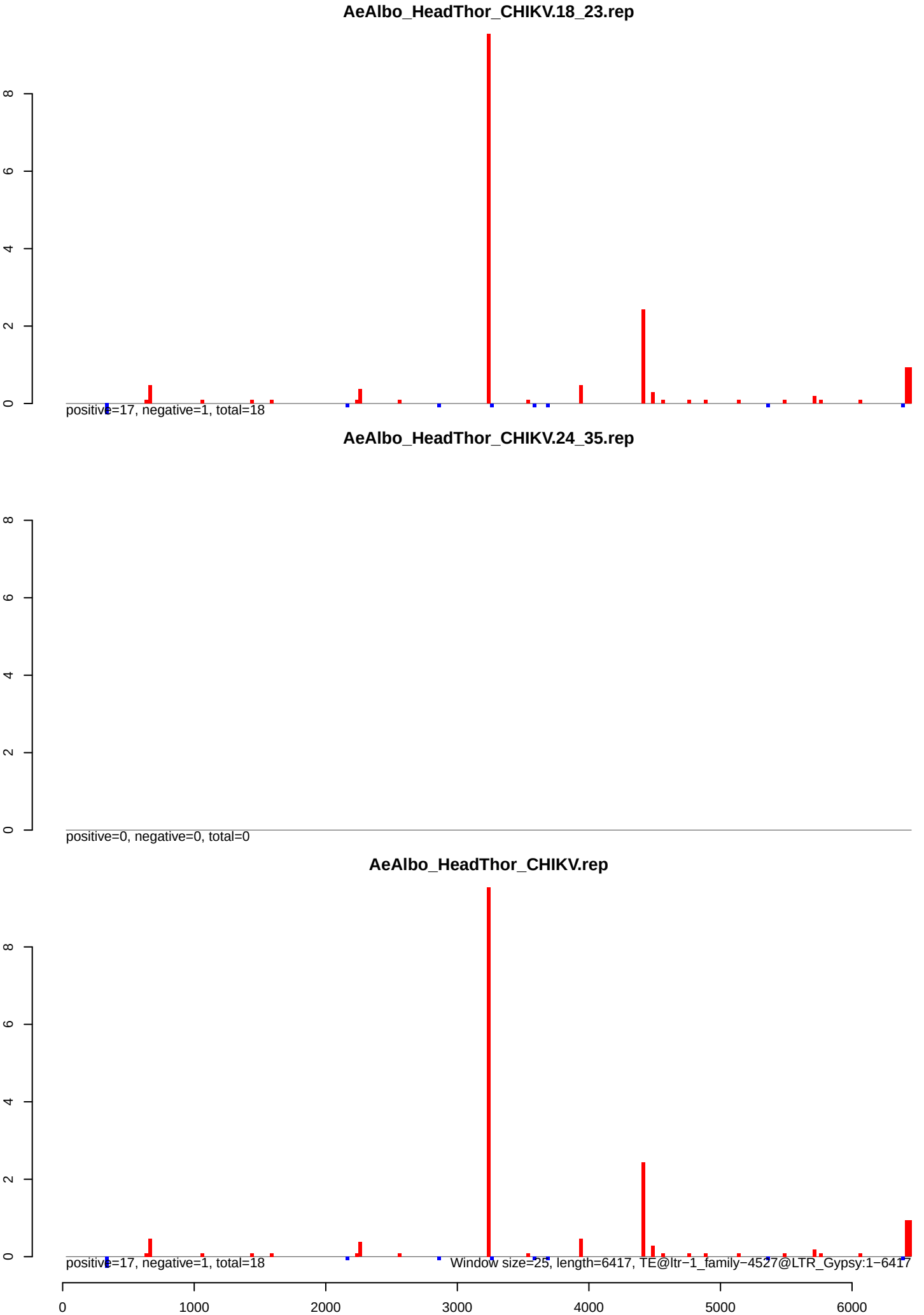

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
−2
positive=8, negative=7, total=15
Window size=25, length=4393, TE@ltr−1_family−4609@DNA:1−4393
0
1000
2000
3000
4000

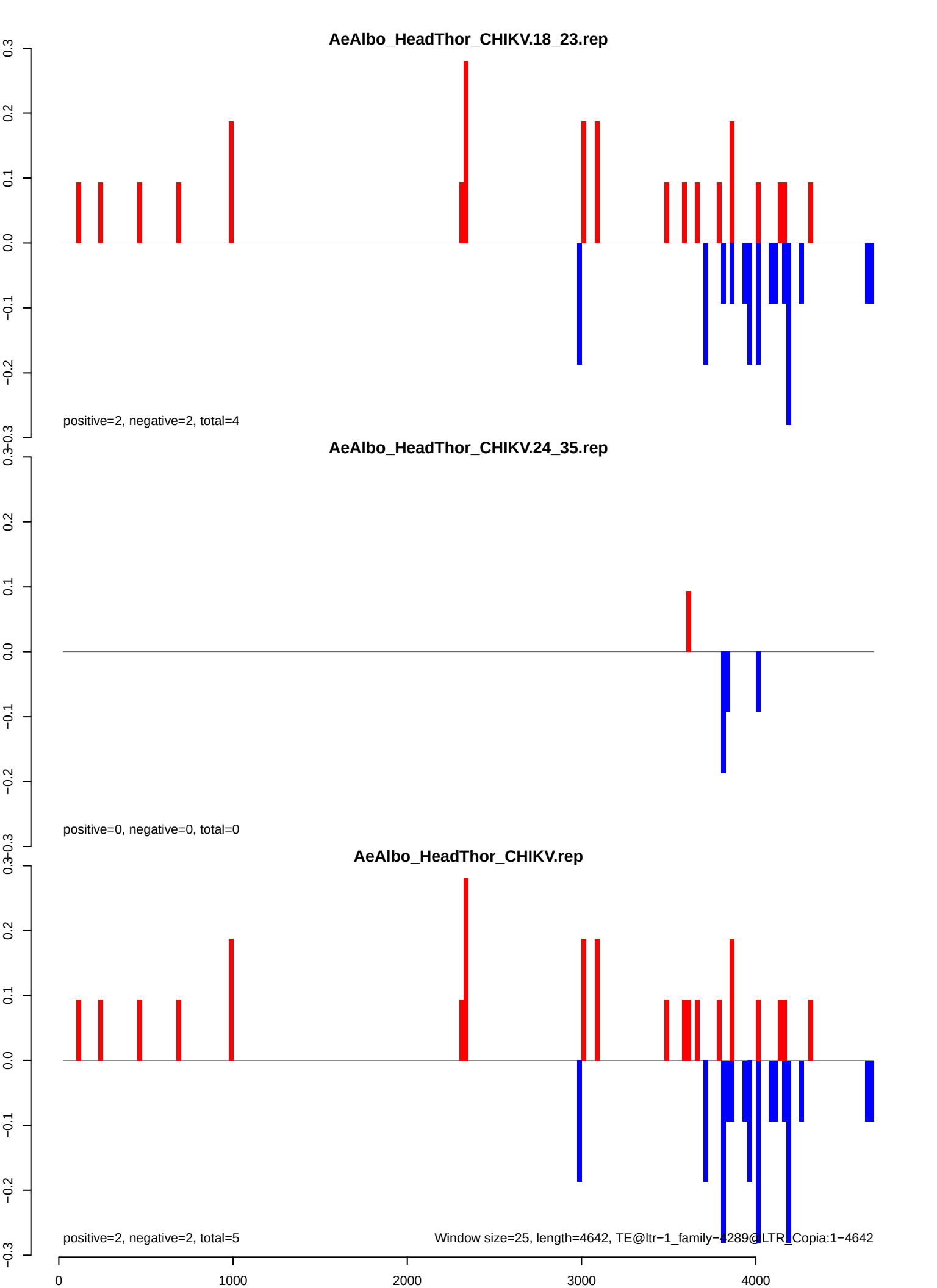

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=14, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=14, total=24
Window size=25, length=4282, TE@ltr−1_family−4595@LTR_Copia:1−4282
0
1000
2000
3000
4000

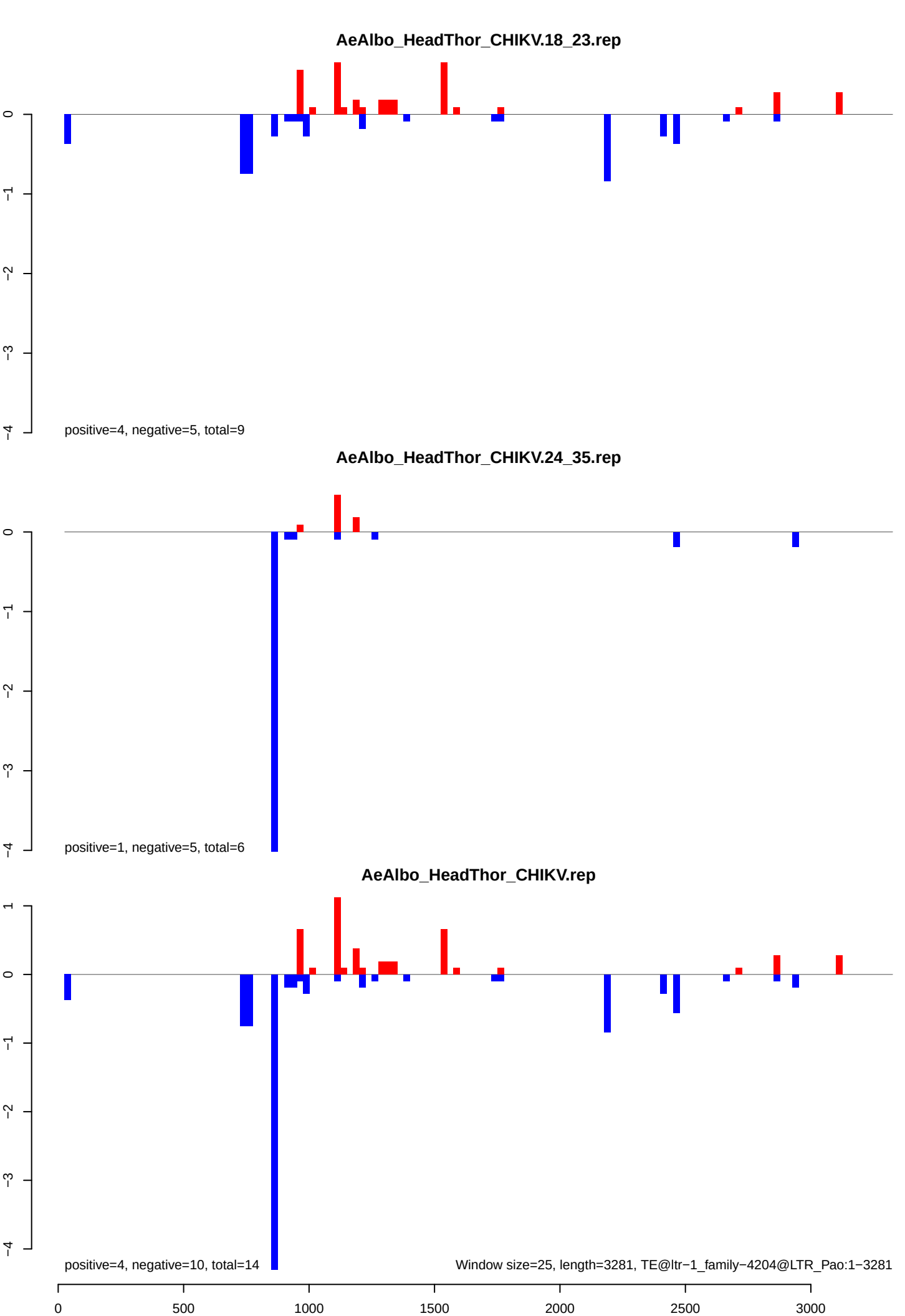

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=5, negative=5, total=9

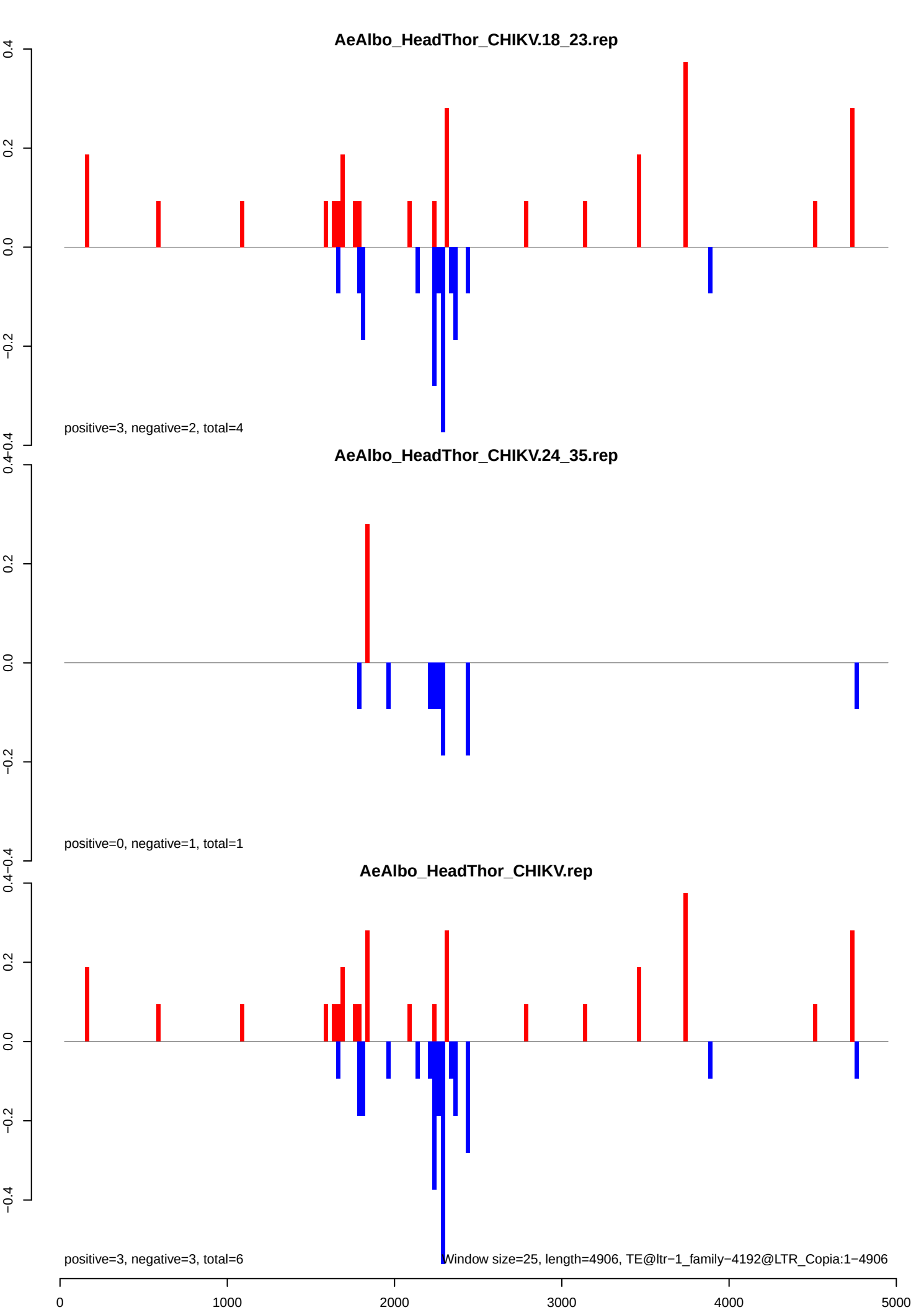

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=0, negative=0, total=0

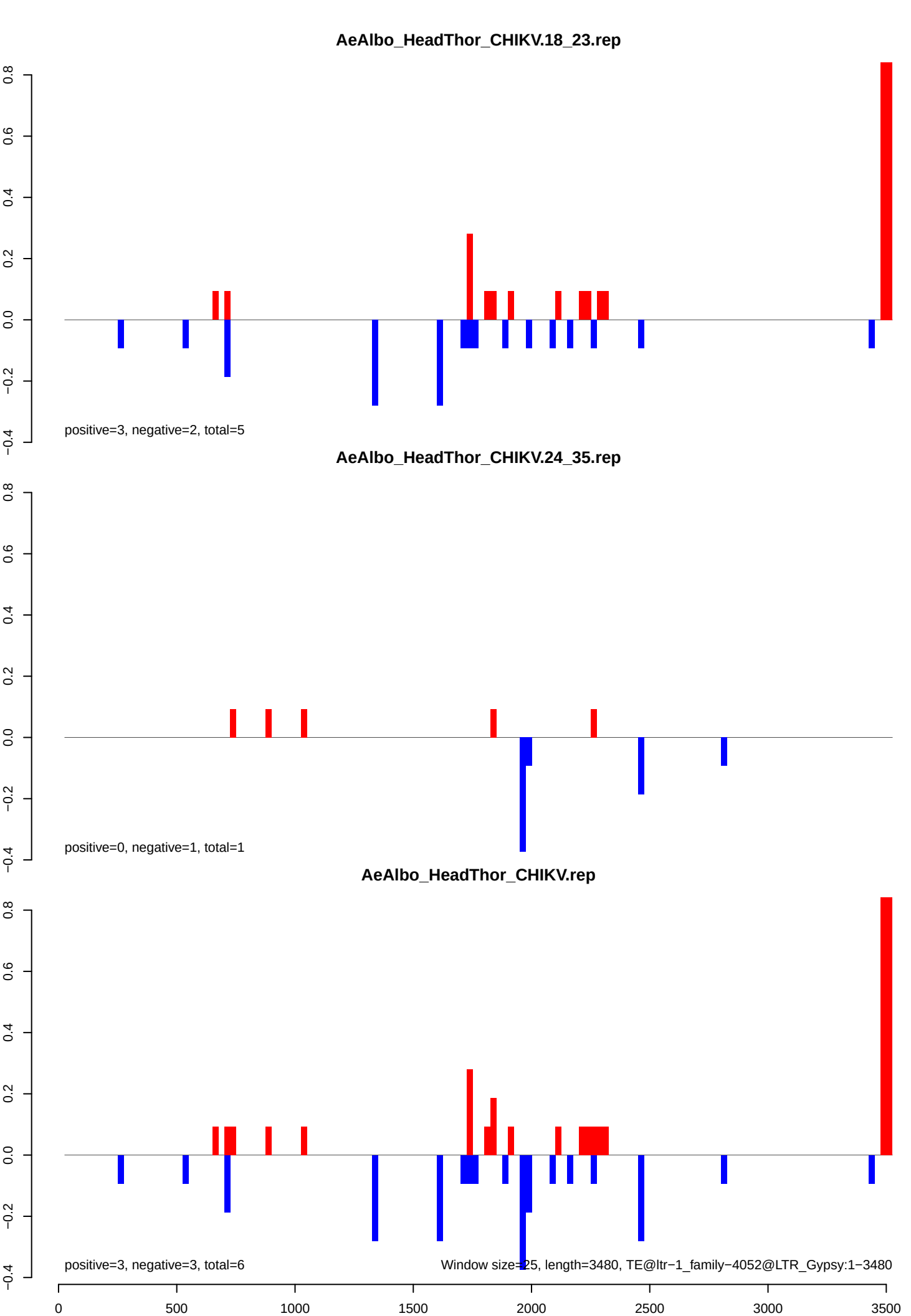

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=5, negative=5, total=9
Window size=25, length=4083, TE@ltr−1_family−4573@LTR_Copia:1−4083
0
1000
2000
3000
4000

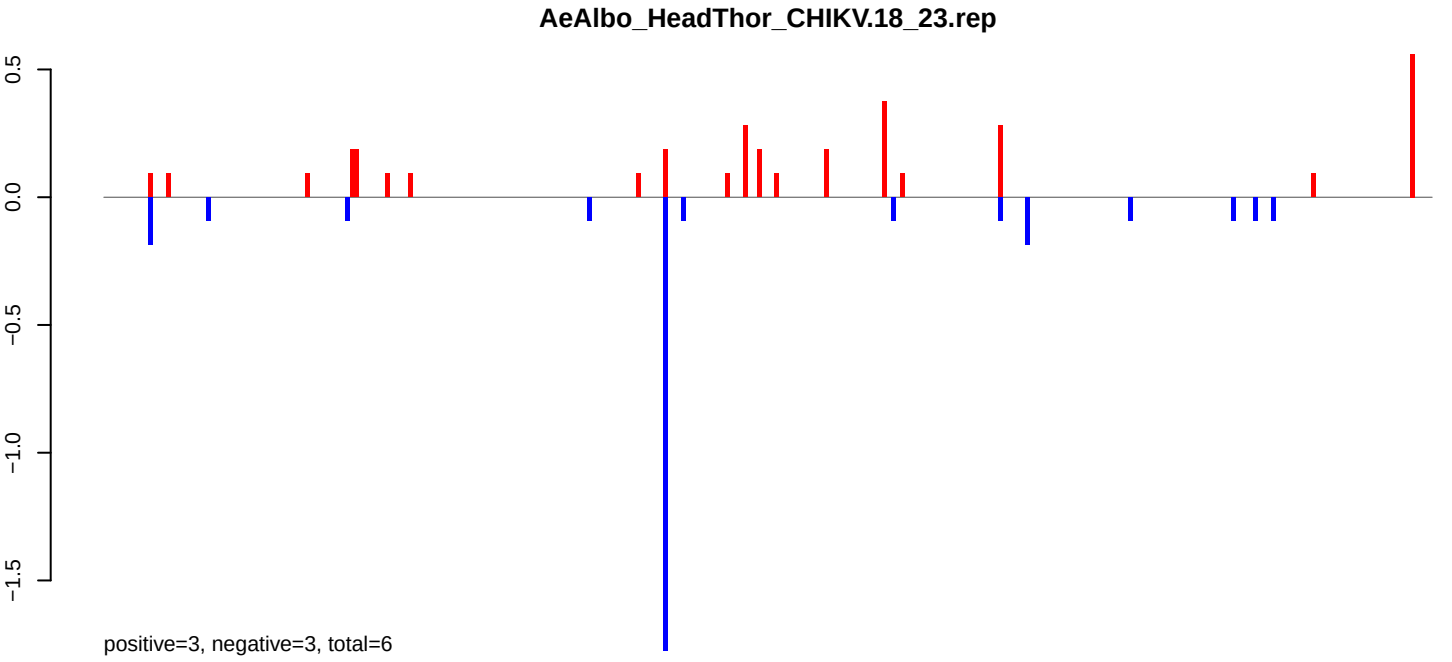

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
positive=17, negative=1, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
positive=17, negative=1, total=18
Window size=25, length=6417, TE@ltr−1_family−4527@LTR_Gypsy:1−6417
0
1000
2000
3000
4000
5000
6000

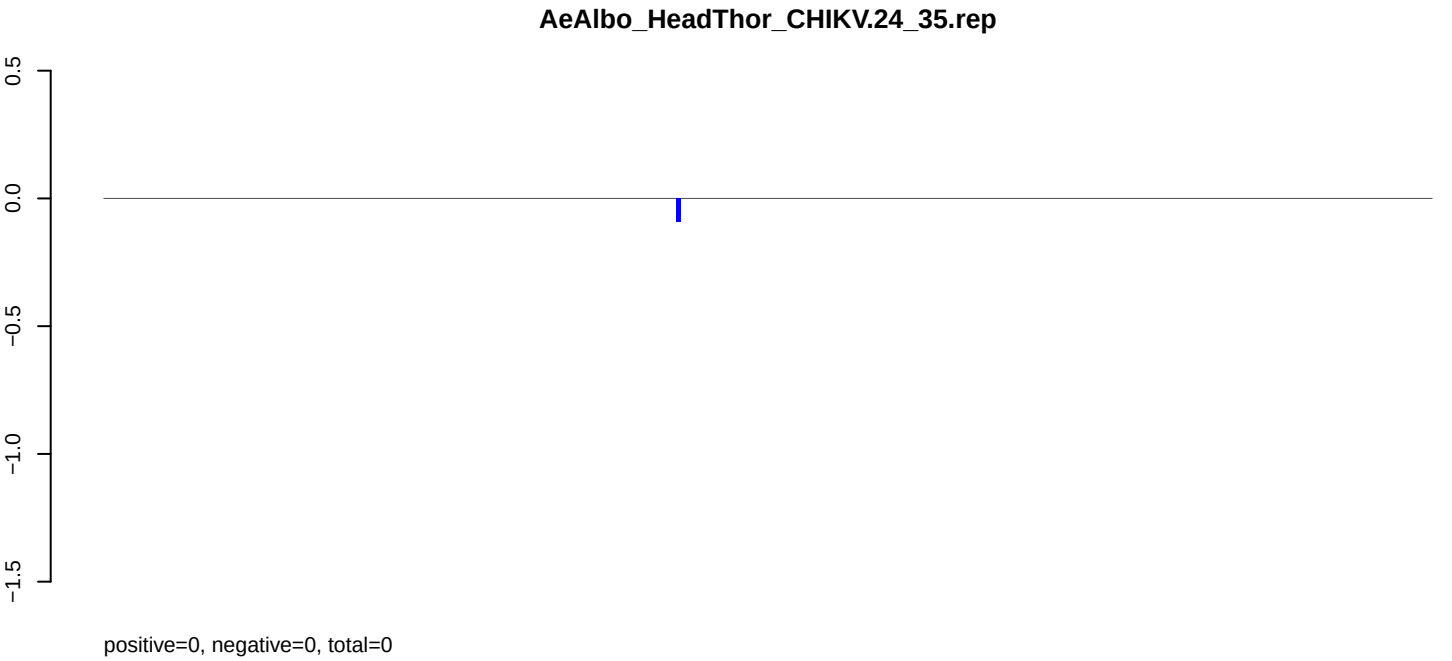

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=5
Window size=25, length=4642, TE@ltr−1_family−4289@LTR_Copia:1−4642
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000

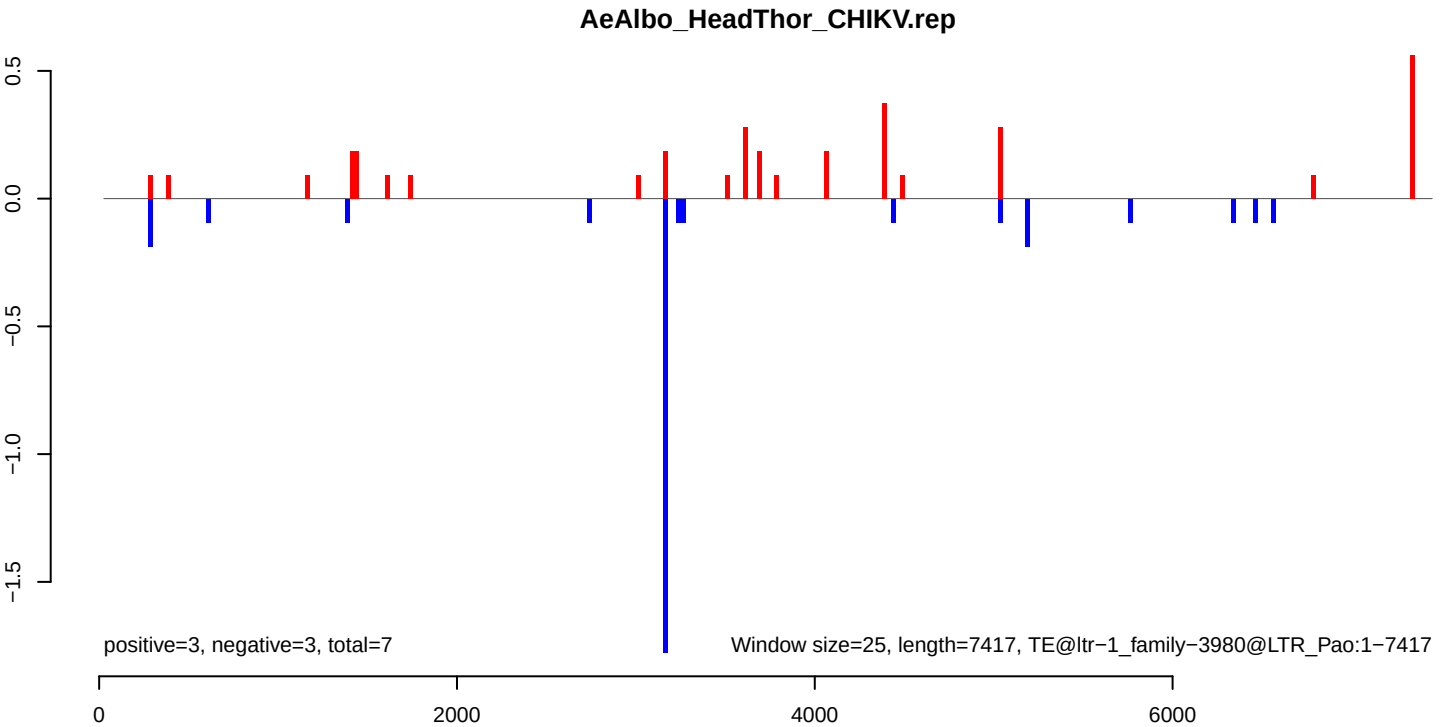

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=5, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=10, total=14
Window size=25, length=3281, TE@ltr−1_family−4204@LTR_Pao:1−3281
0
500
1000
1500
2000
2500
3000

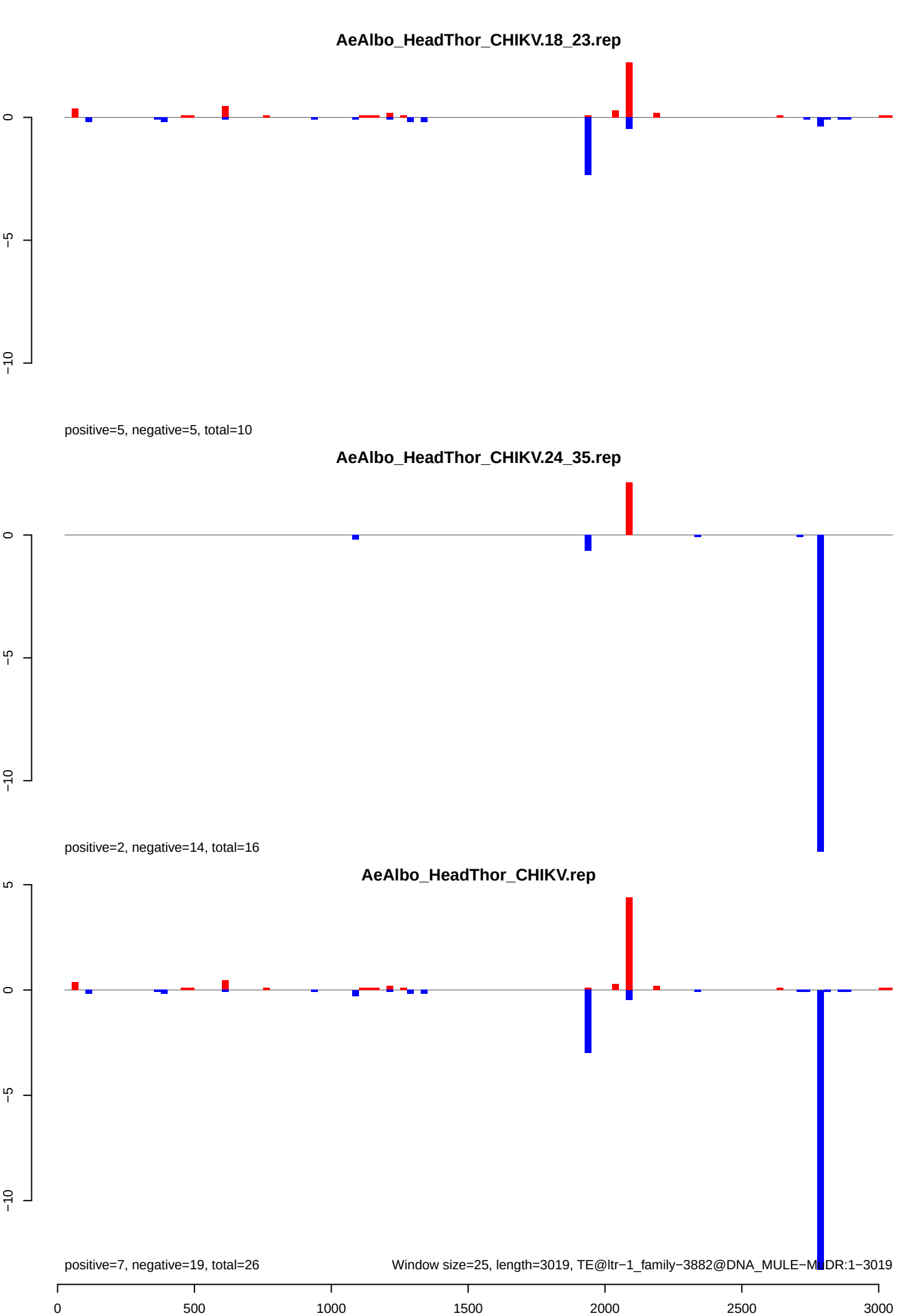

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=3, total=6
Window size=25, length=4906, TE@ltr−1_family−4192@LTR_Copia:1−4906
0.4
0.2
0.0
−0.2
−0.4
0
1000
2000
3000
4000
5000

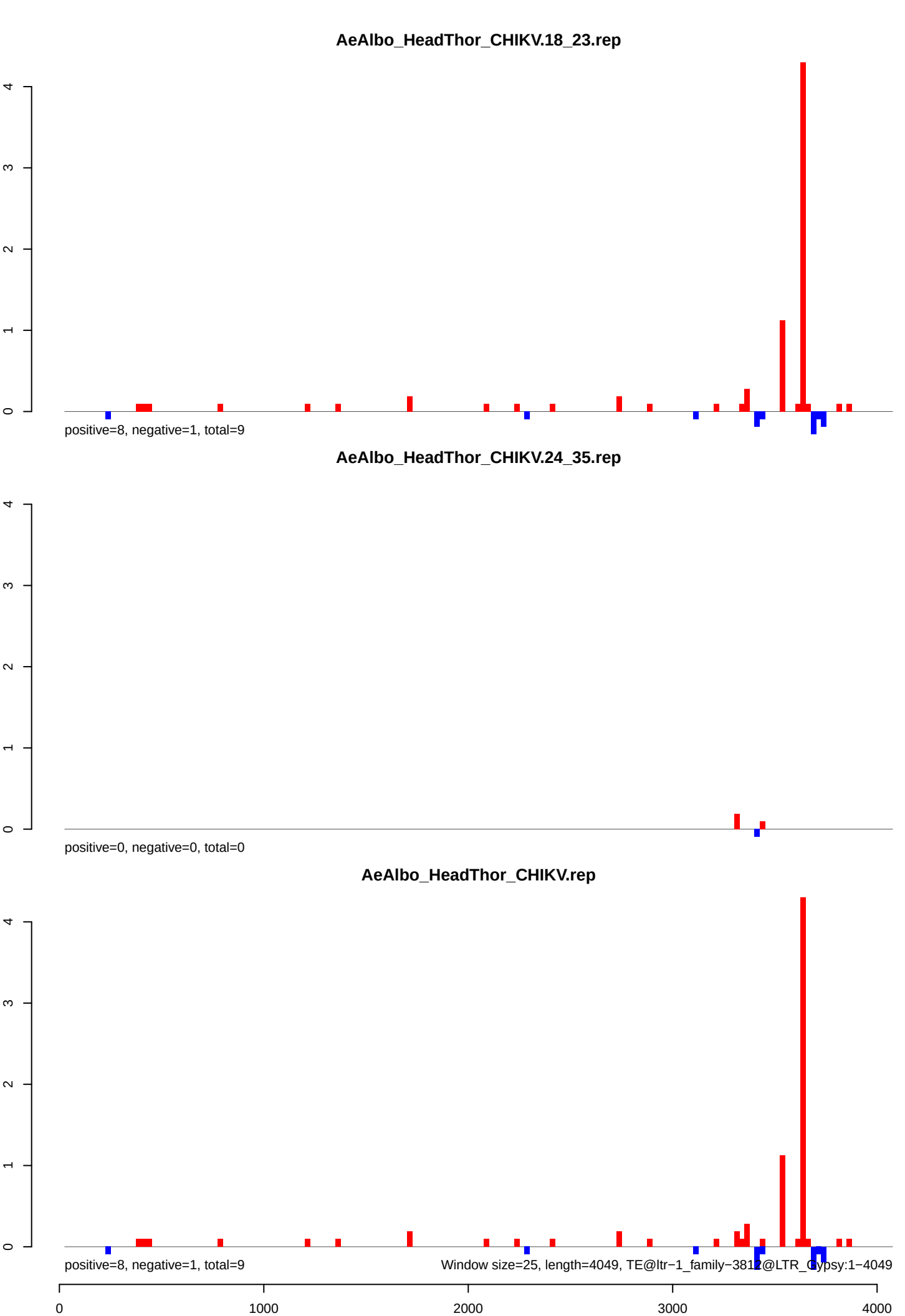

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=3, total=6
Window size=25, length=3480, TE@ltr−1_family−4052@LTR_Gypsy:1−3480
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
500
1000
1500
2000
2500
3000
3500

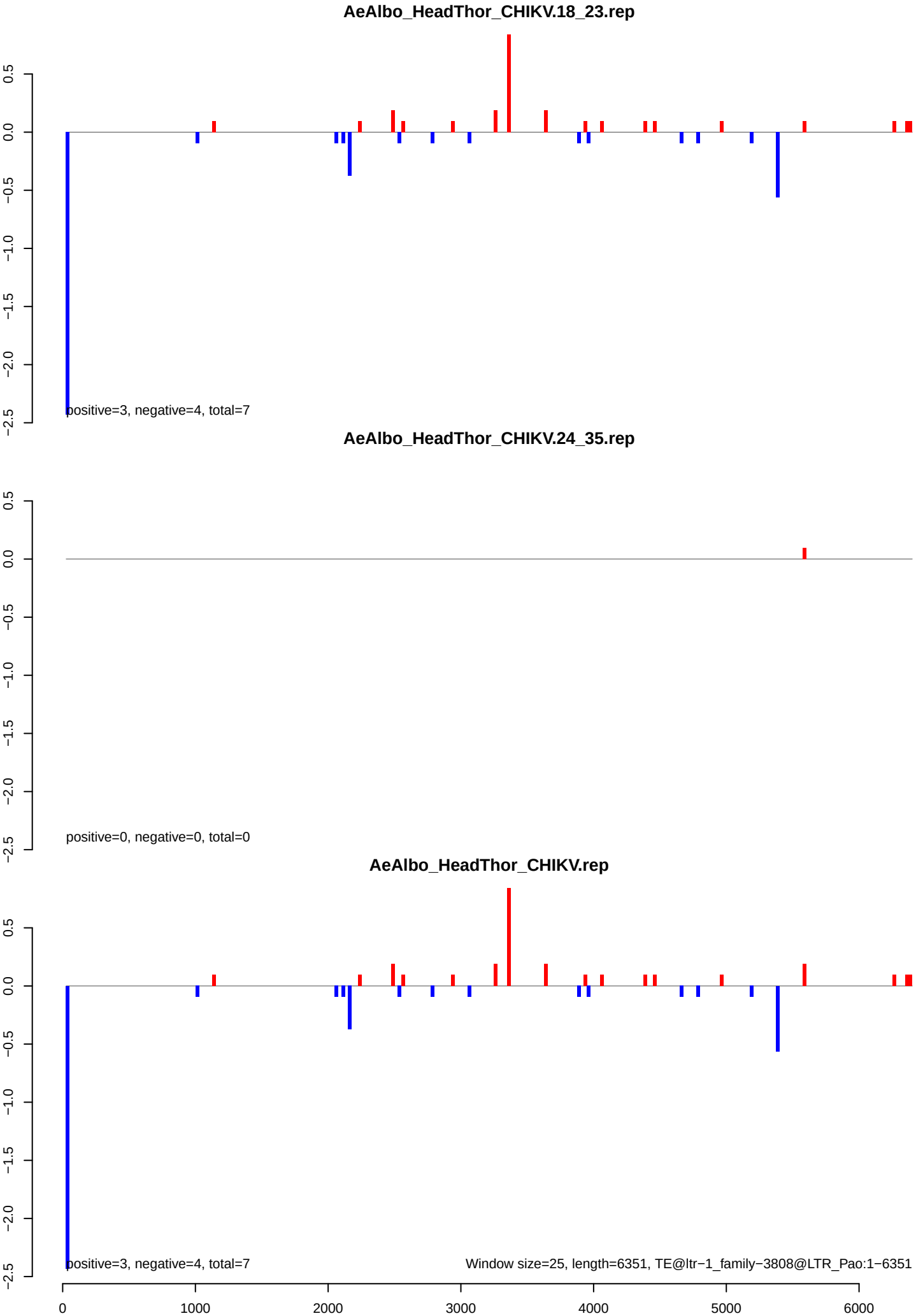

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=6

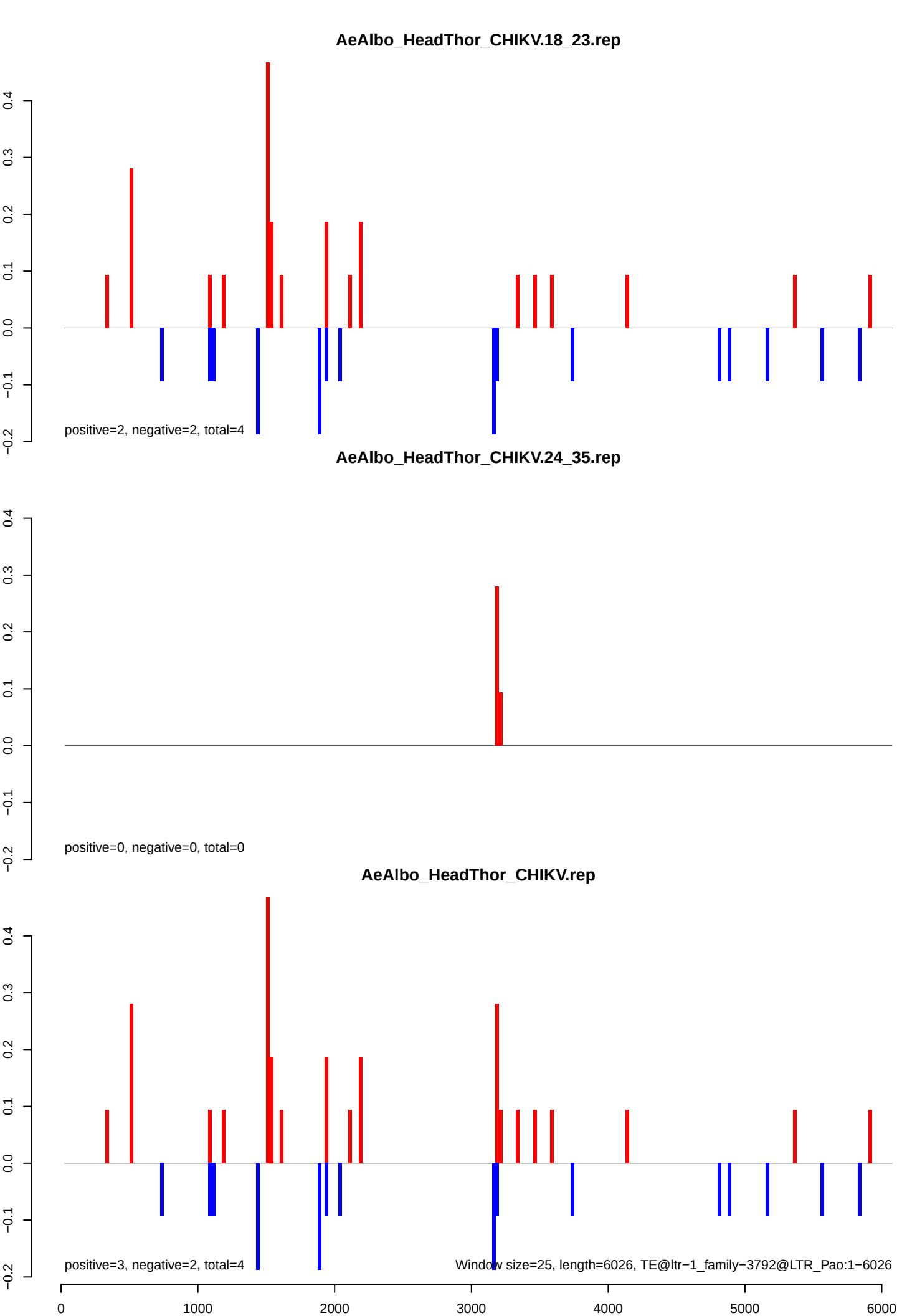

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

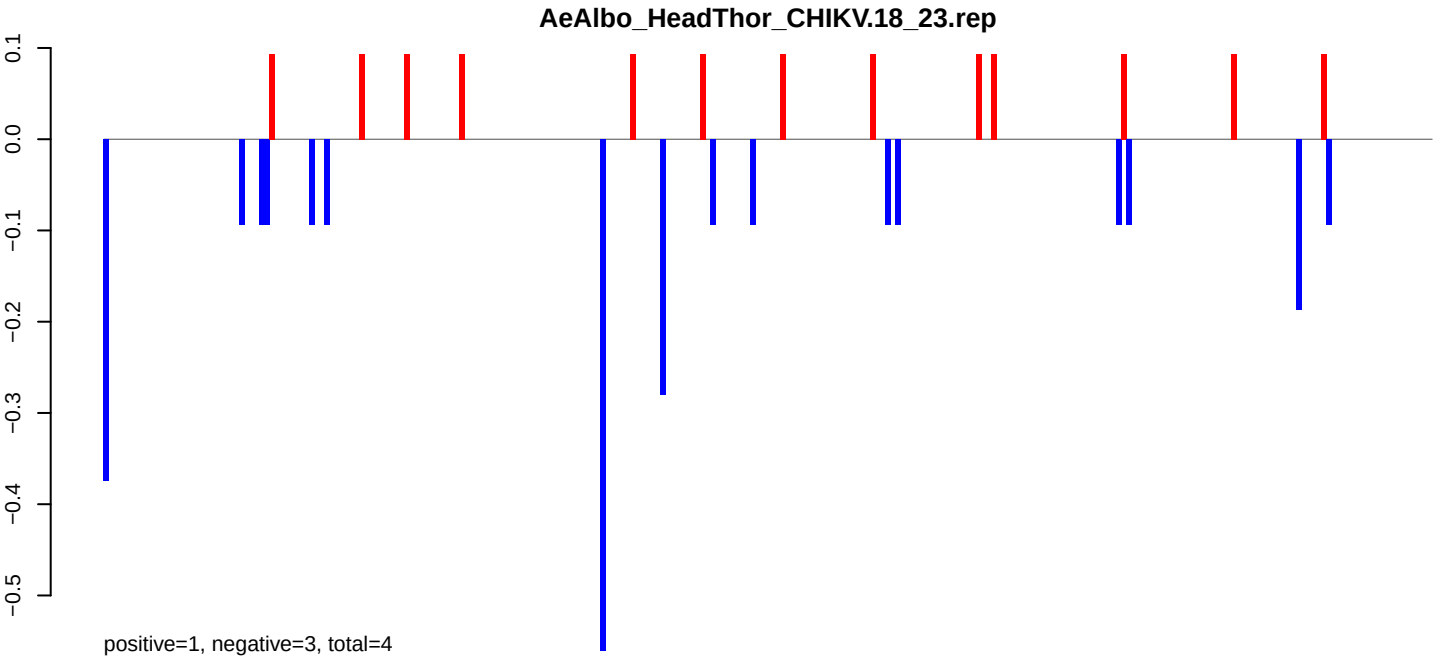

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=7
Window size=25, length=7417, TE@ltr−1_family−3980@LTR_Pao:1−7417
0
2000
4000
6000

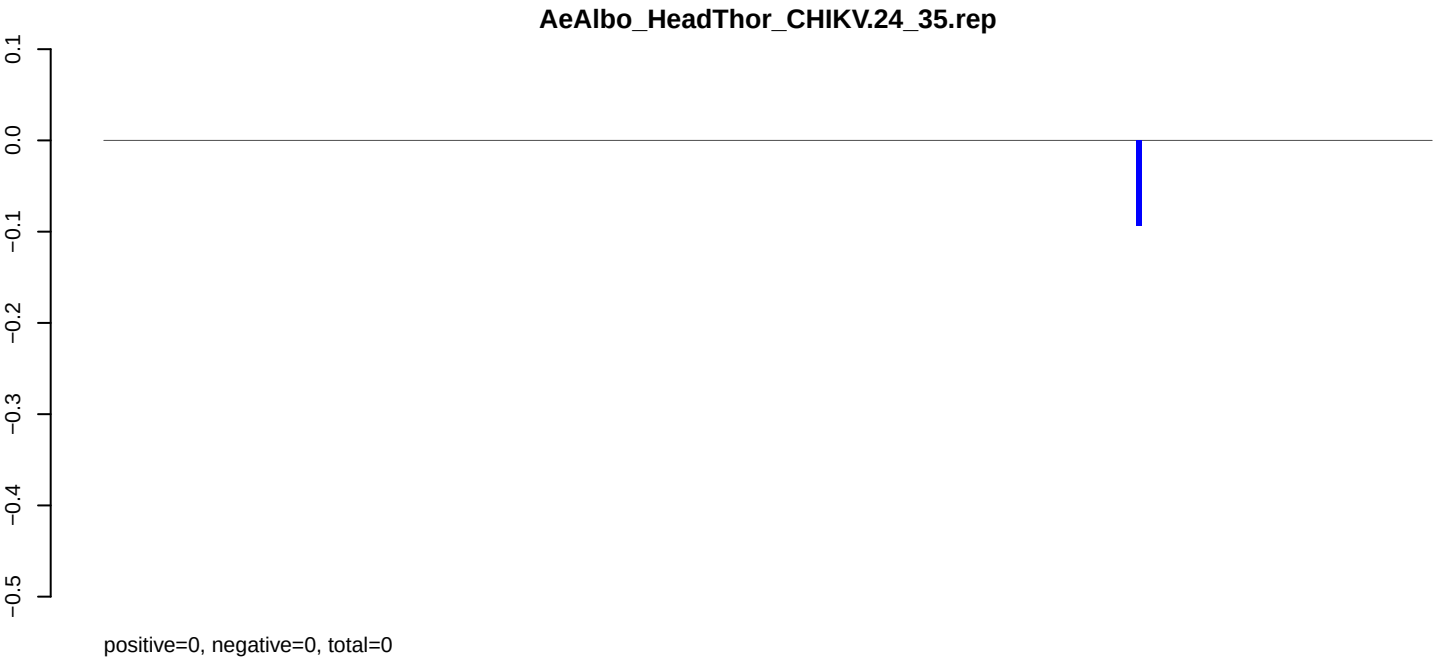

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=5, negative=5, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=2, negative=14, total=16
AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
positive=7, negative=19, total=26
Window size=25, length=3019, TE@ltr−1_family−3882@DNA_MULE−MUDR:1−3019
0
500
1000
1500
2000
2500
3000

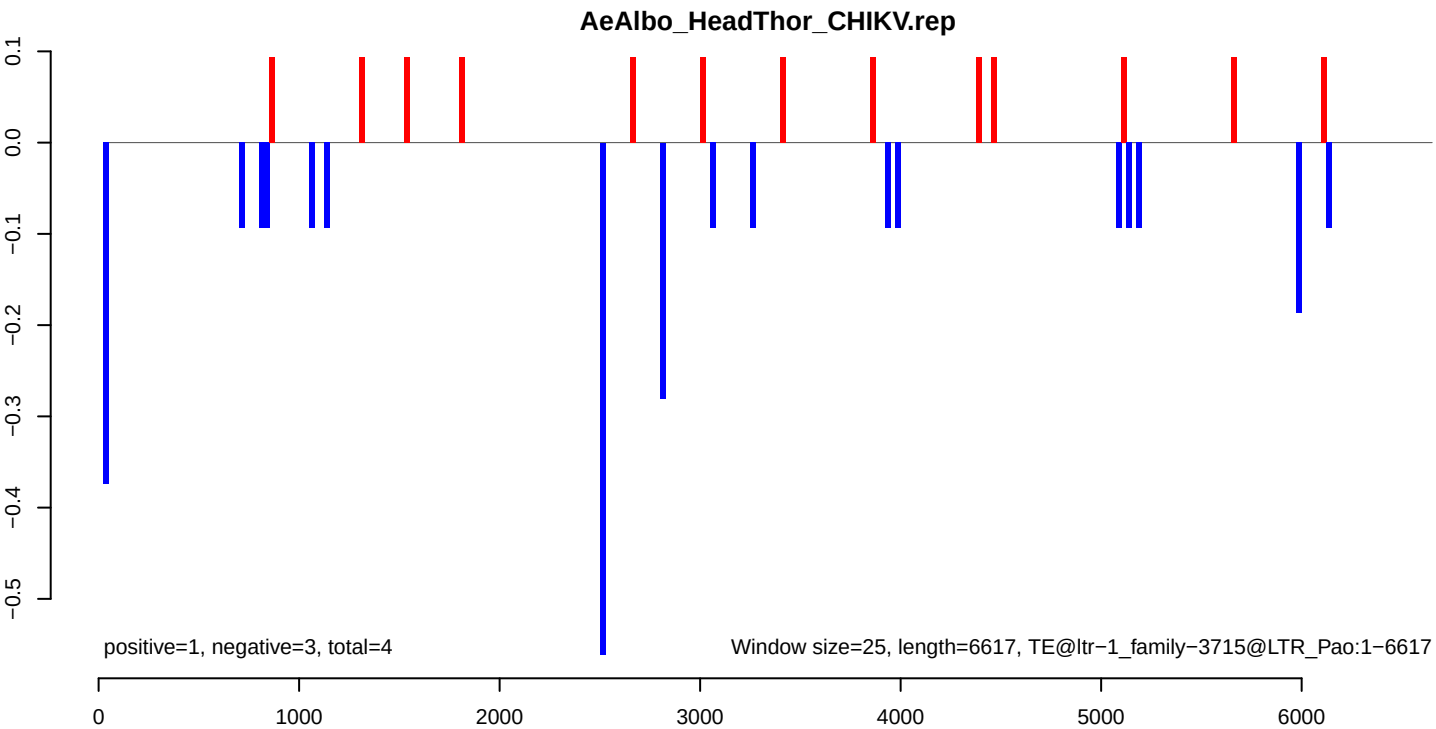

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=1, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=1, total=9
Window size=25, length=4049, TE@ltr−1_family−3812@LTR_Gypsy:1−4049
0
1000
2000
3000
4000

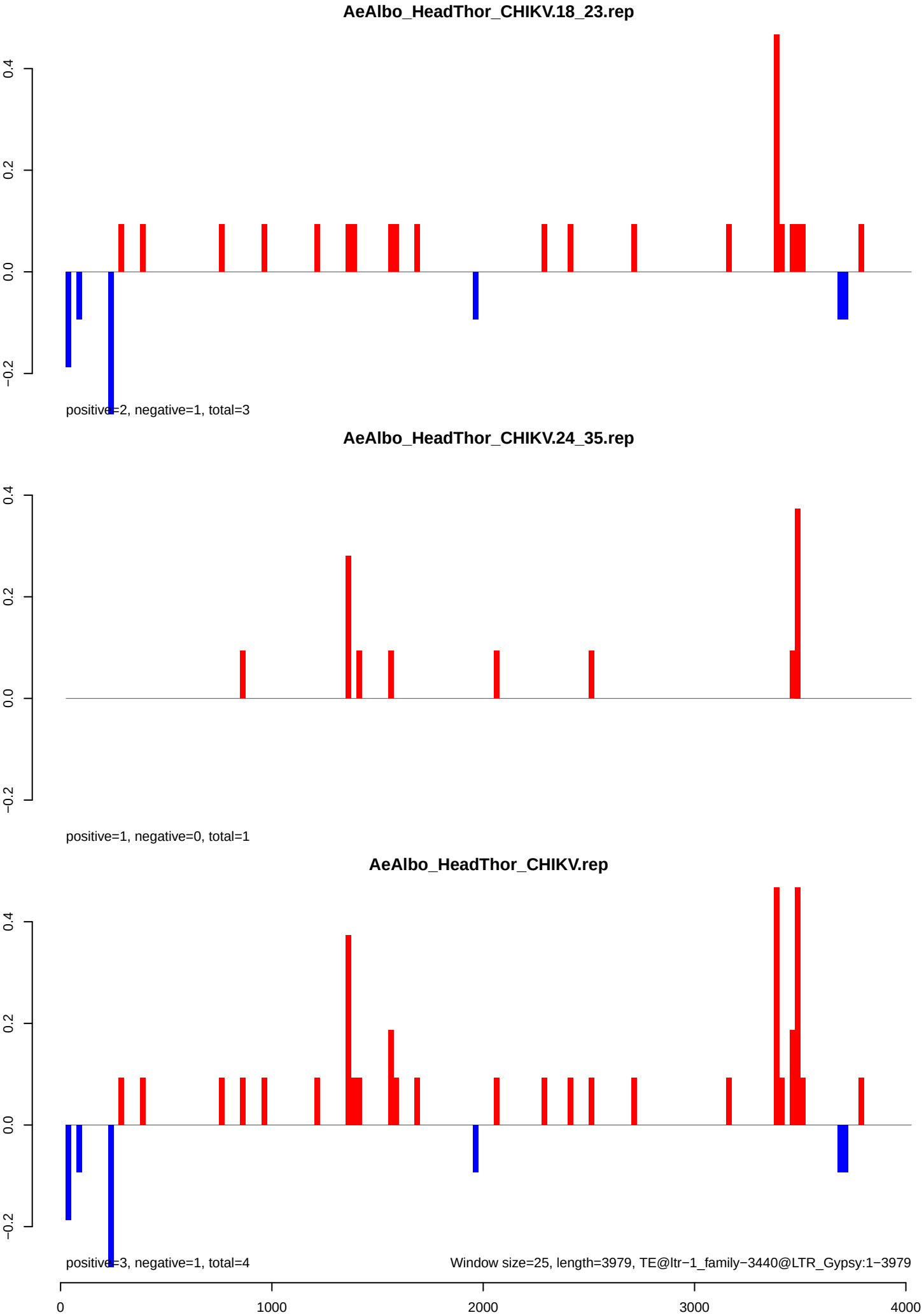

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=4, total=7
Window size=25, length=6351, TE@ltr−1_family−3808@LTR_Pao:1−6351
0
1000
2000
3000
4000
5000
6000

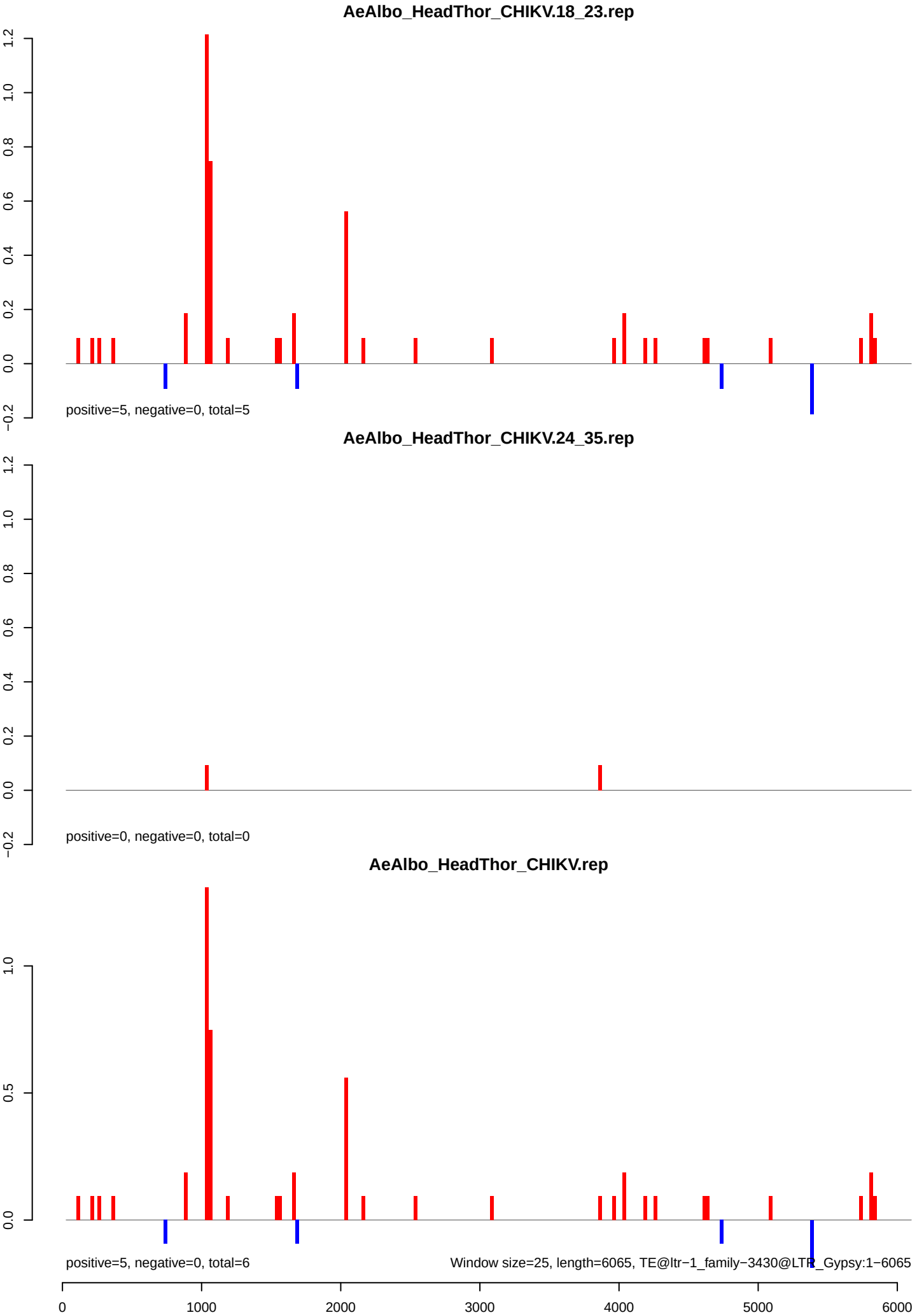

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=4
Window size=25, length=6026, TE@ltr−1_family−3792@LTR_Pao:1−6026
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000
5000
6000

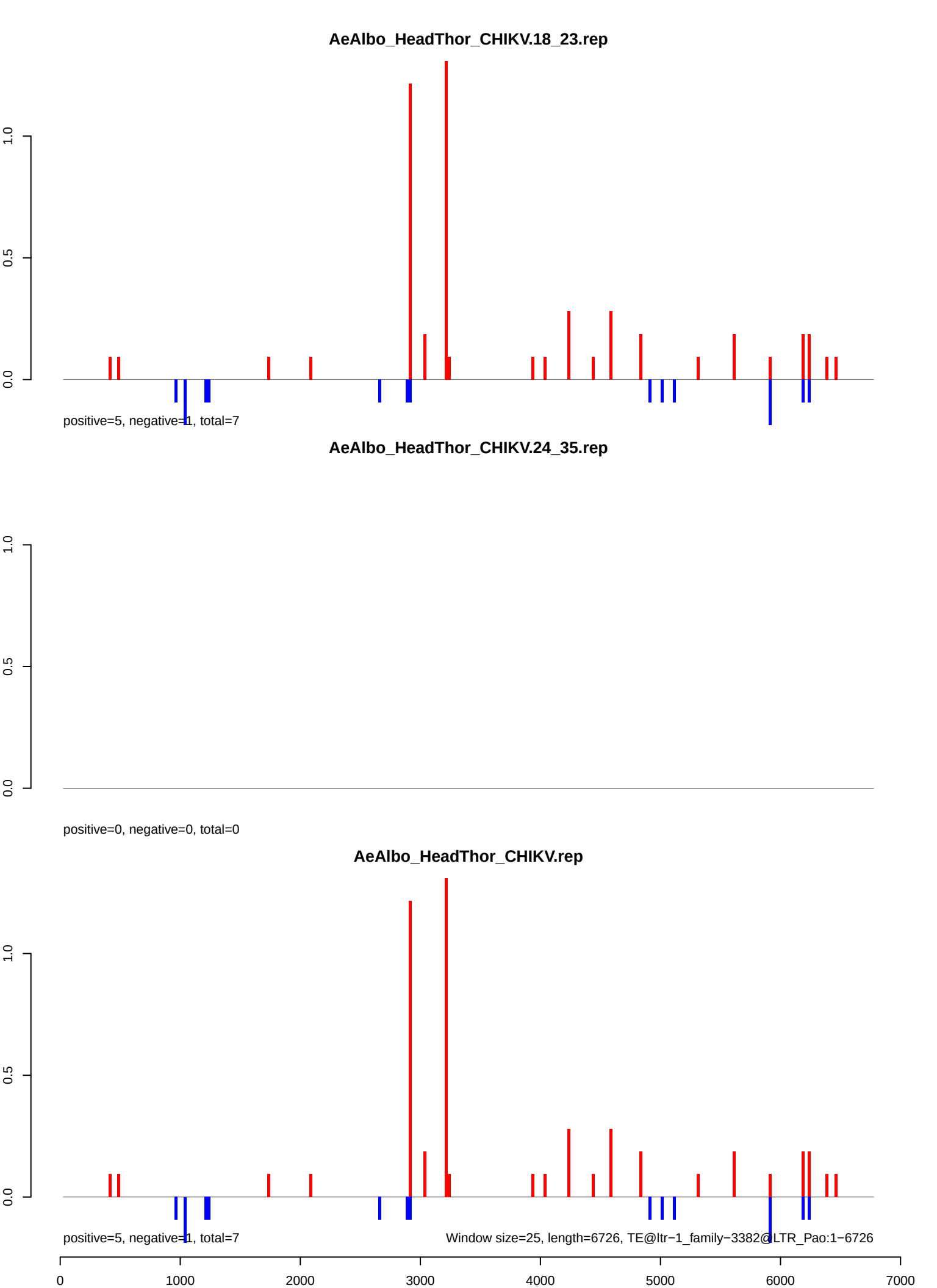

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=1, negative=3, total=4

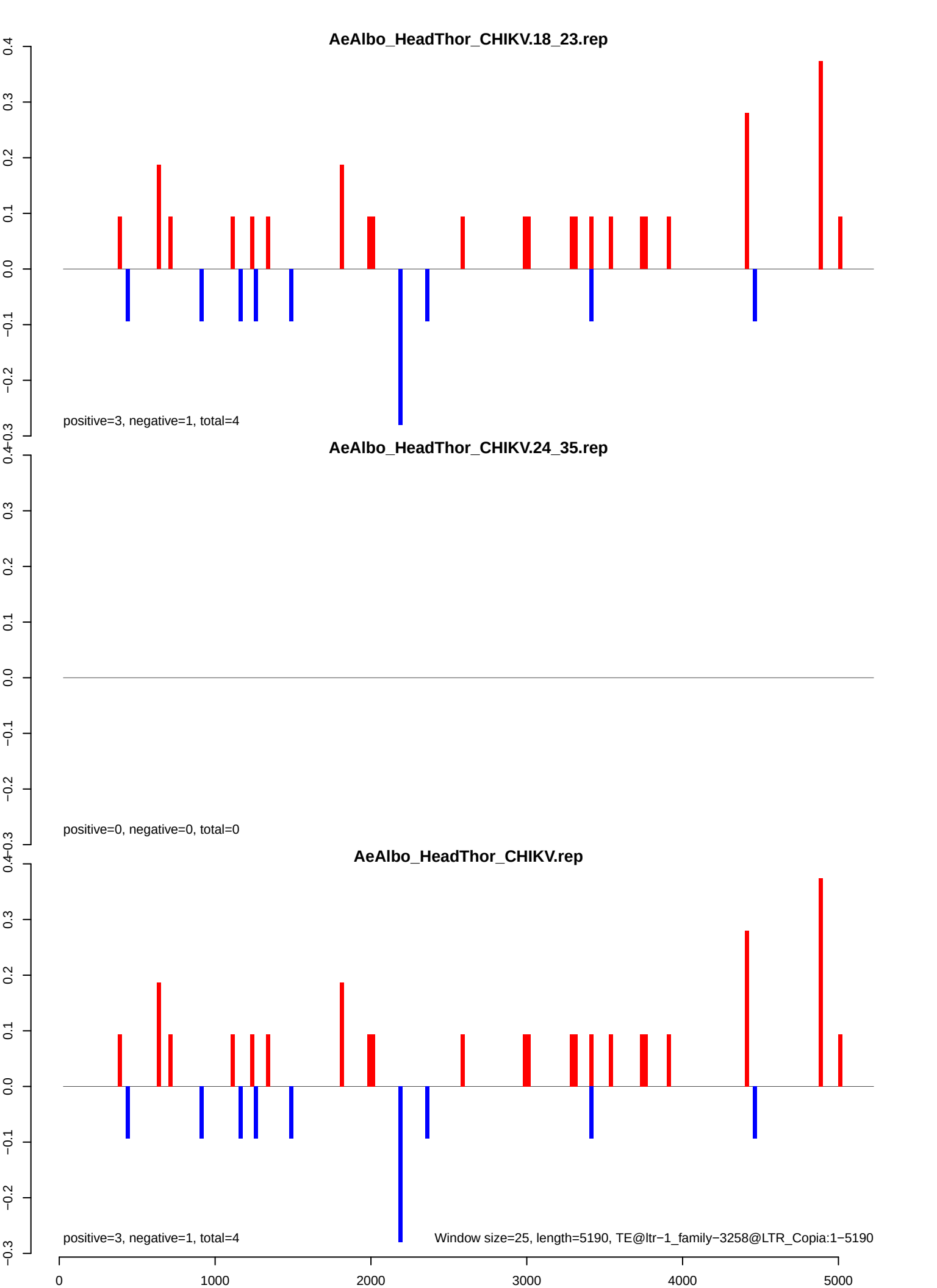

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0

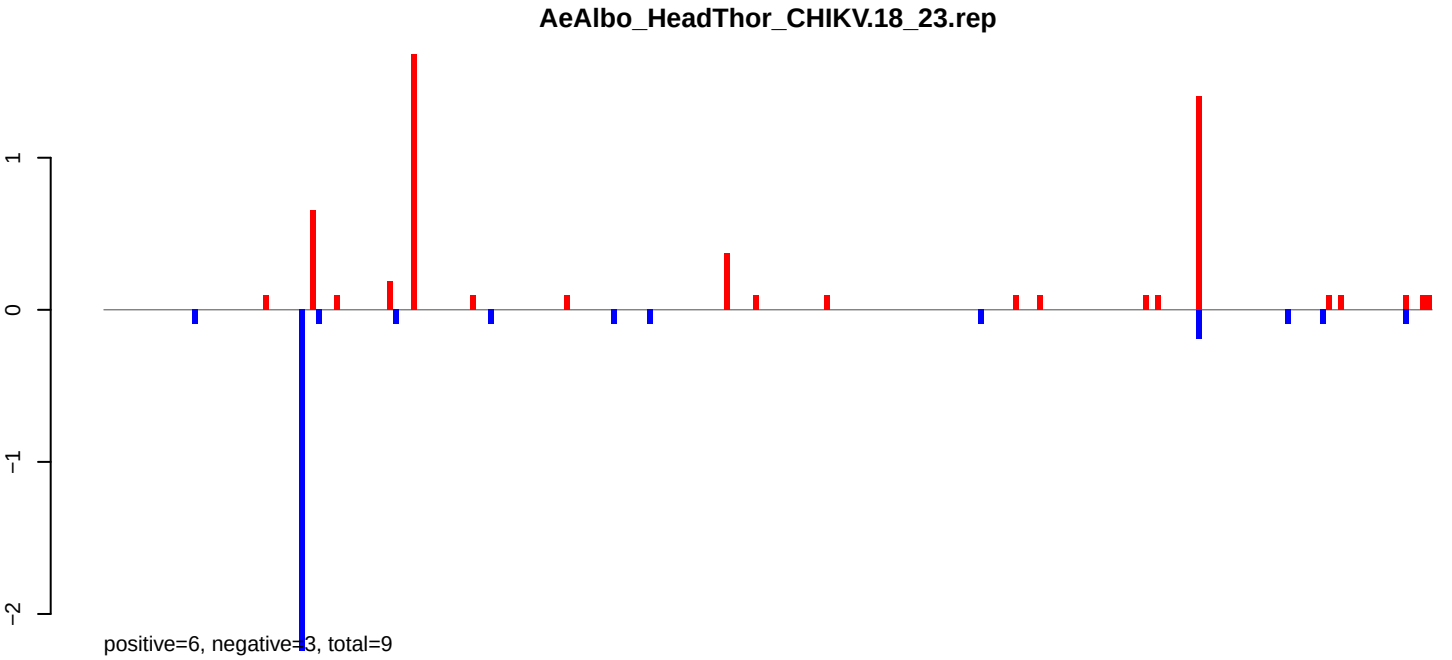

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=1, negative=3, total=4
Window size=25, length=6617, TE@ltr−1_family−3715@LTR_Pao:1−6617
0
1000
2000
3000
4000
5000
6000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
Window size=25, length=3979, TE@ltr−1_family−3440@LTR_Gypsy:1−3979
0
1000
2000
3000
4000

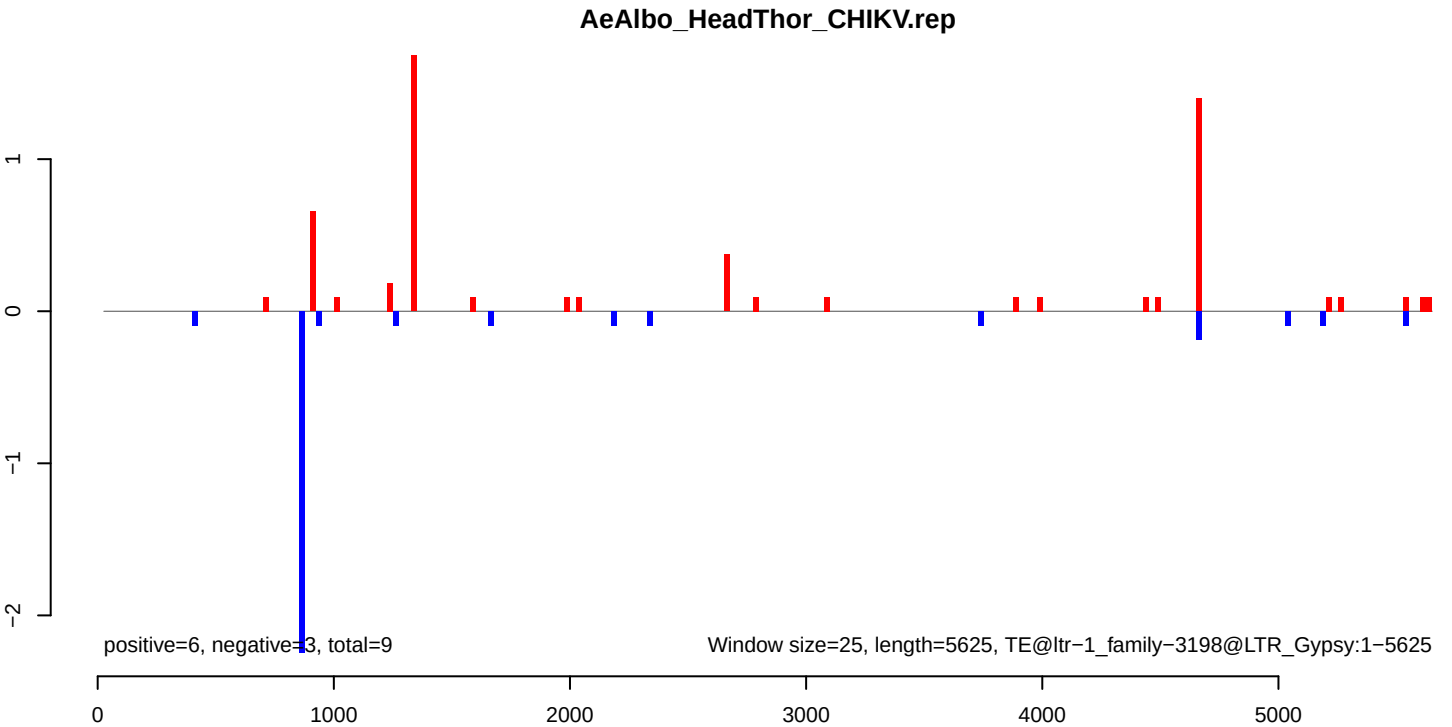

AeAlbo_HeadThor_CHIKV.18_23.rep
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=5, negative=0, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=5, negative=0, total=6
Window size=25, length=6065, TE@ltr−1_family−3430@LTR_Gypsy:1−6065
0
1000
2000
3000
4000
5000
6000

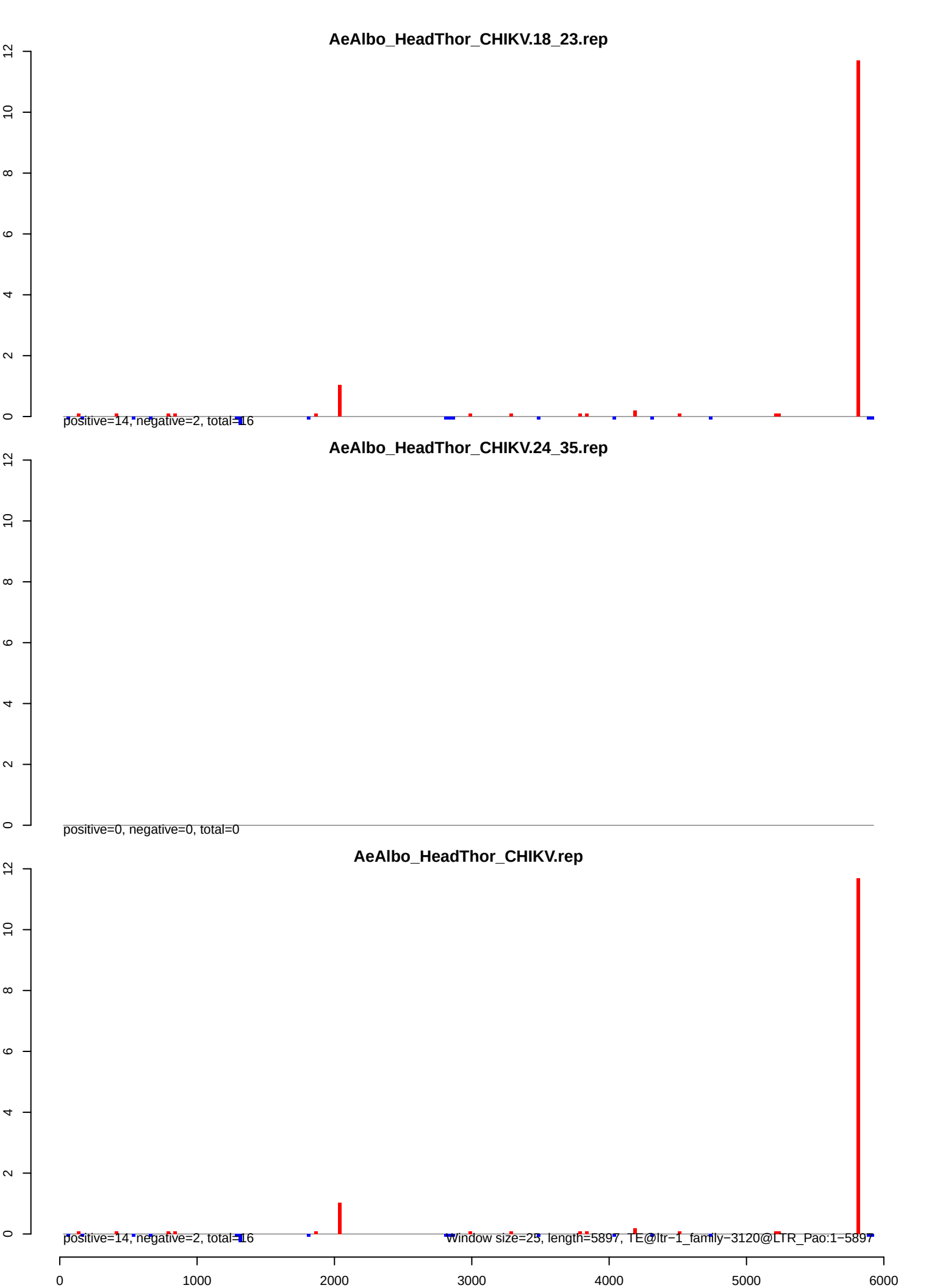

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=5, negative=1, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=5, negative=1, total=7
Window size=25, length=6726, TE@ltr−1_family−3382@LTR_Pao:1−6726
0
1000
2000
3000
4000
5000
6000
7000

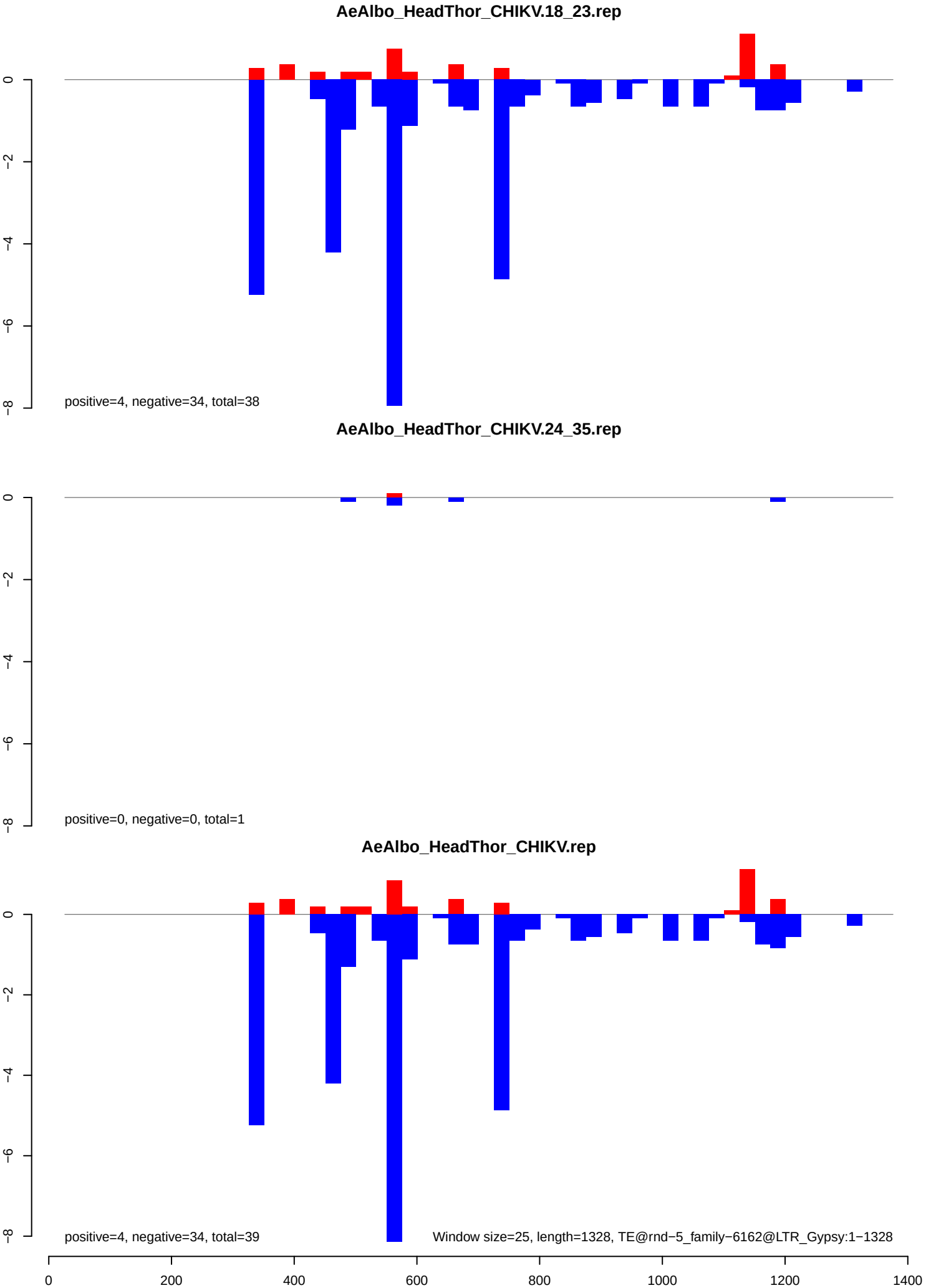

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=5190, TE@ltr−1_family−3258@LTR_Copia:1−5190
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000
5000

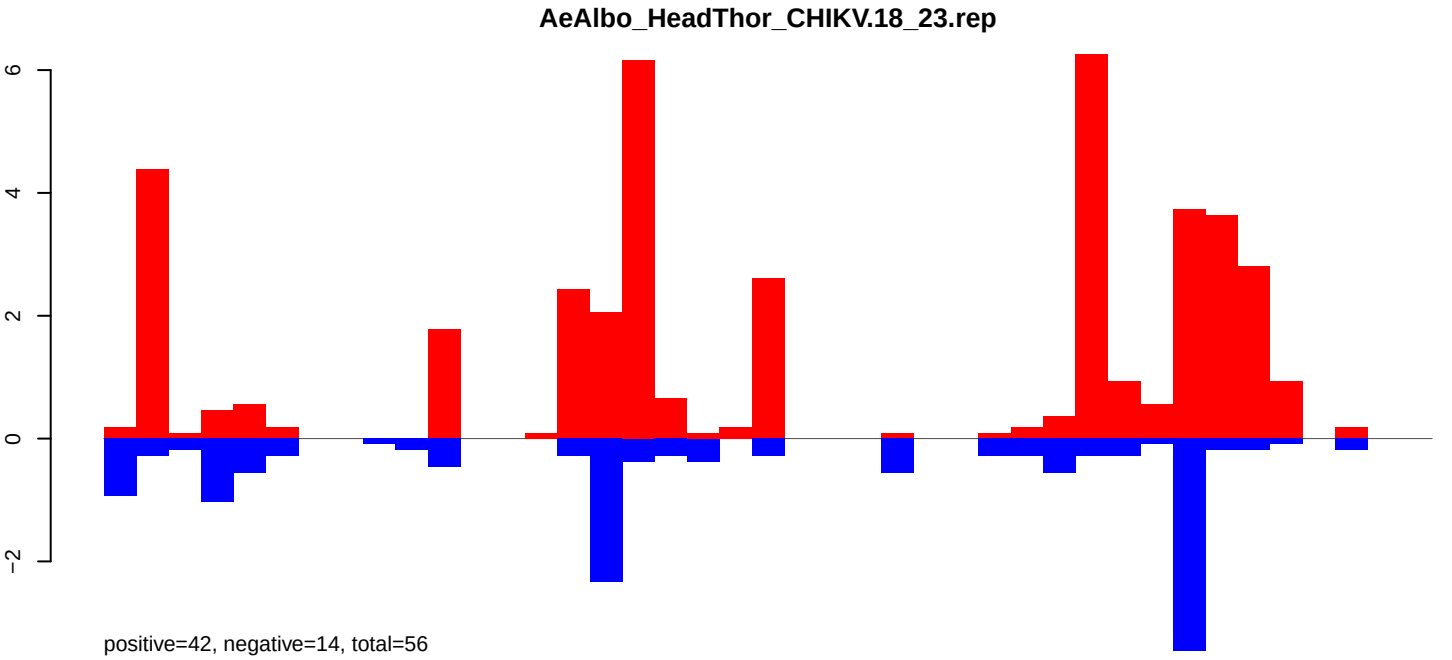

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=6, negative=3, total=9

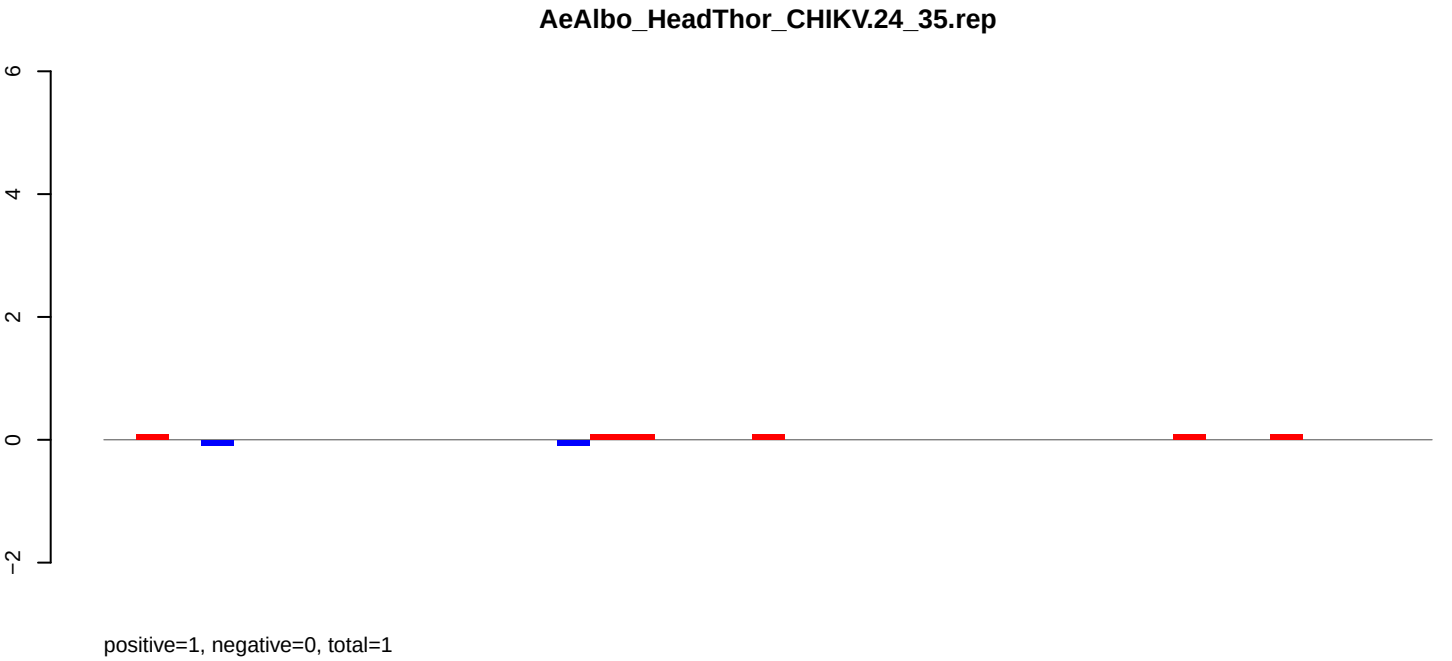
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=0, negative=0, total=0

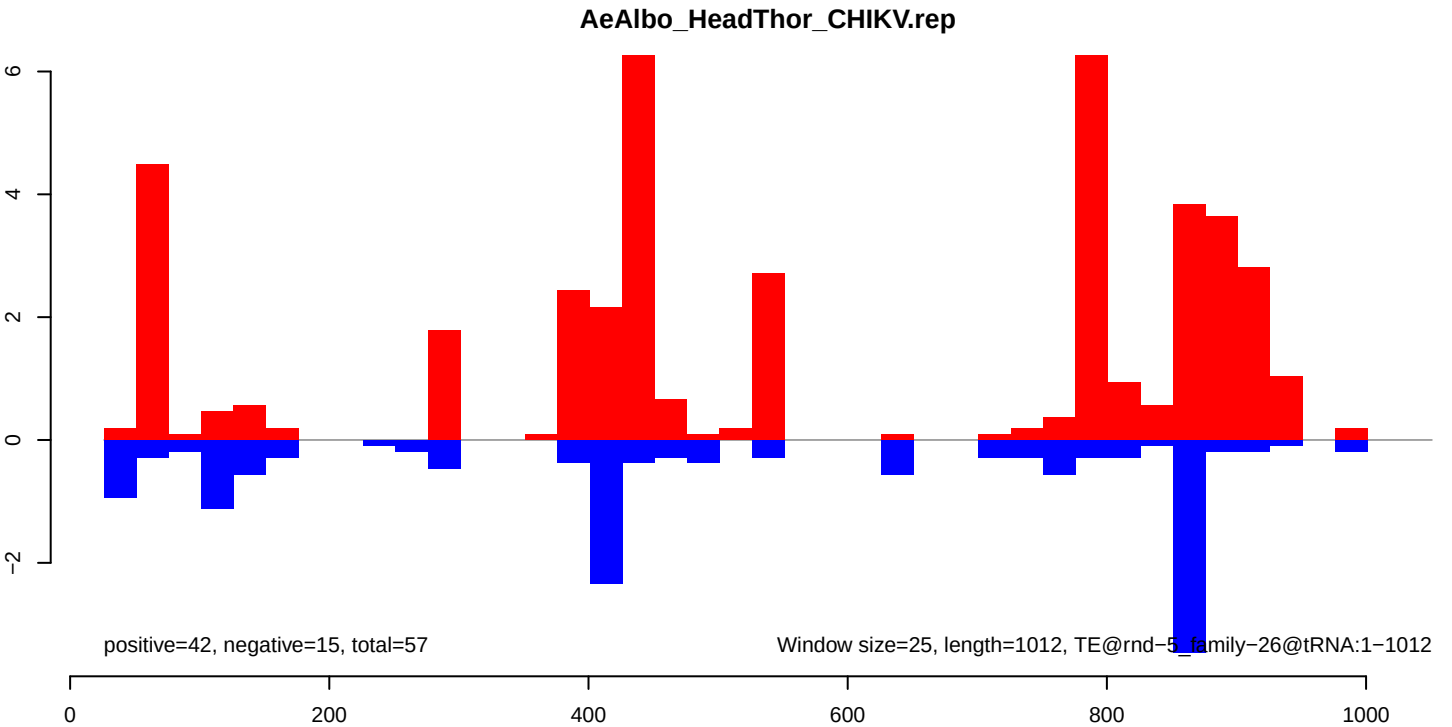

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=6, negative=3, total=9
Window size=25, length=5625, TE@ltr−1_family−3198@LTR_Gypsy:1−5625
0
1000
2000
3000
4000
5000

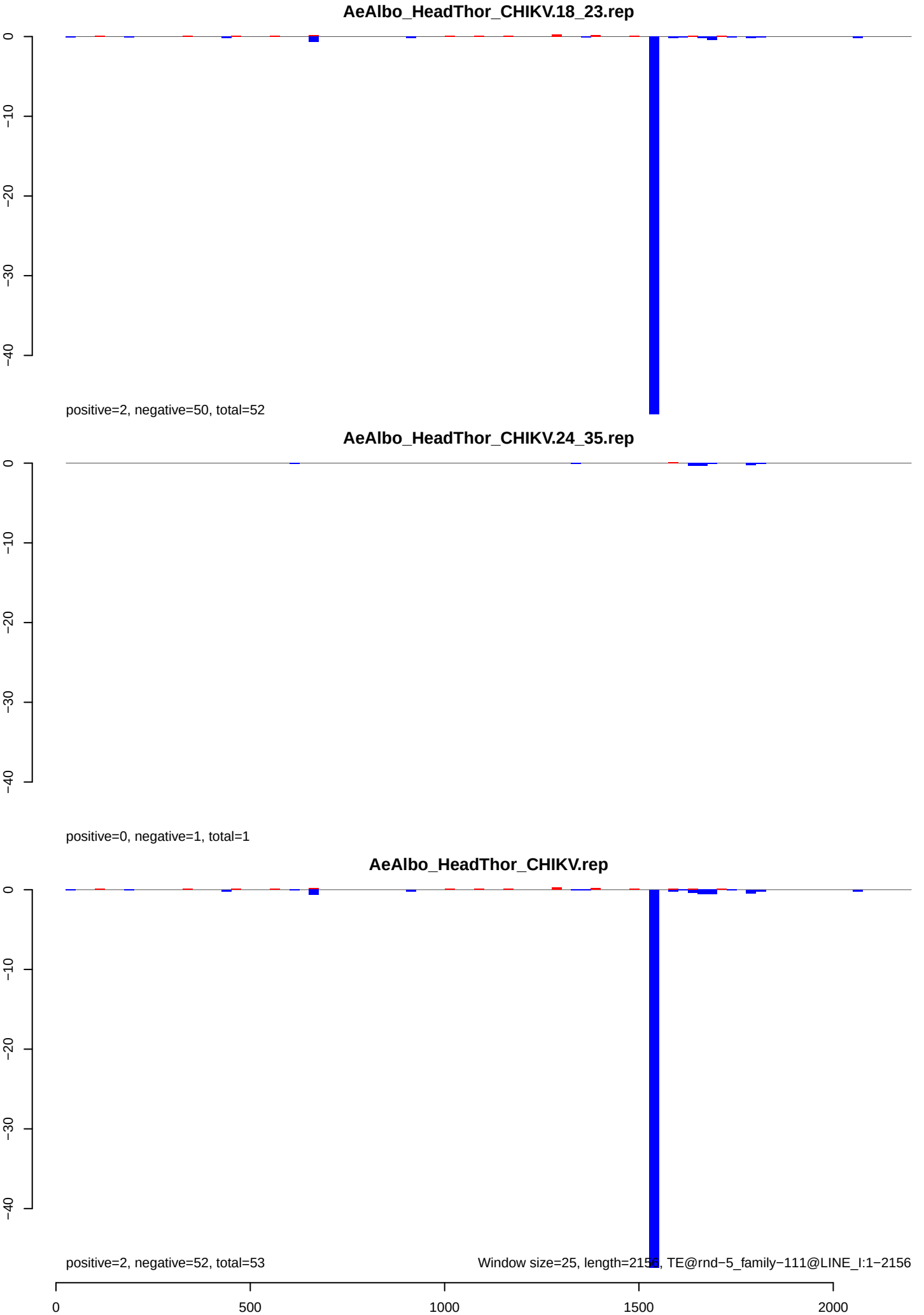

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=2, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=14, negative=2, total=16
Window size=25, length=5897, TE@ltr−1_family−3120@LTR_Pao:1−5897
0
2
4
6
8
10
12
0
1000
2000
3000
4000
5000
6000

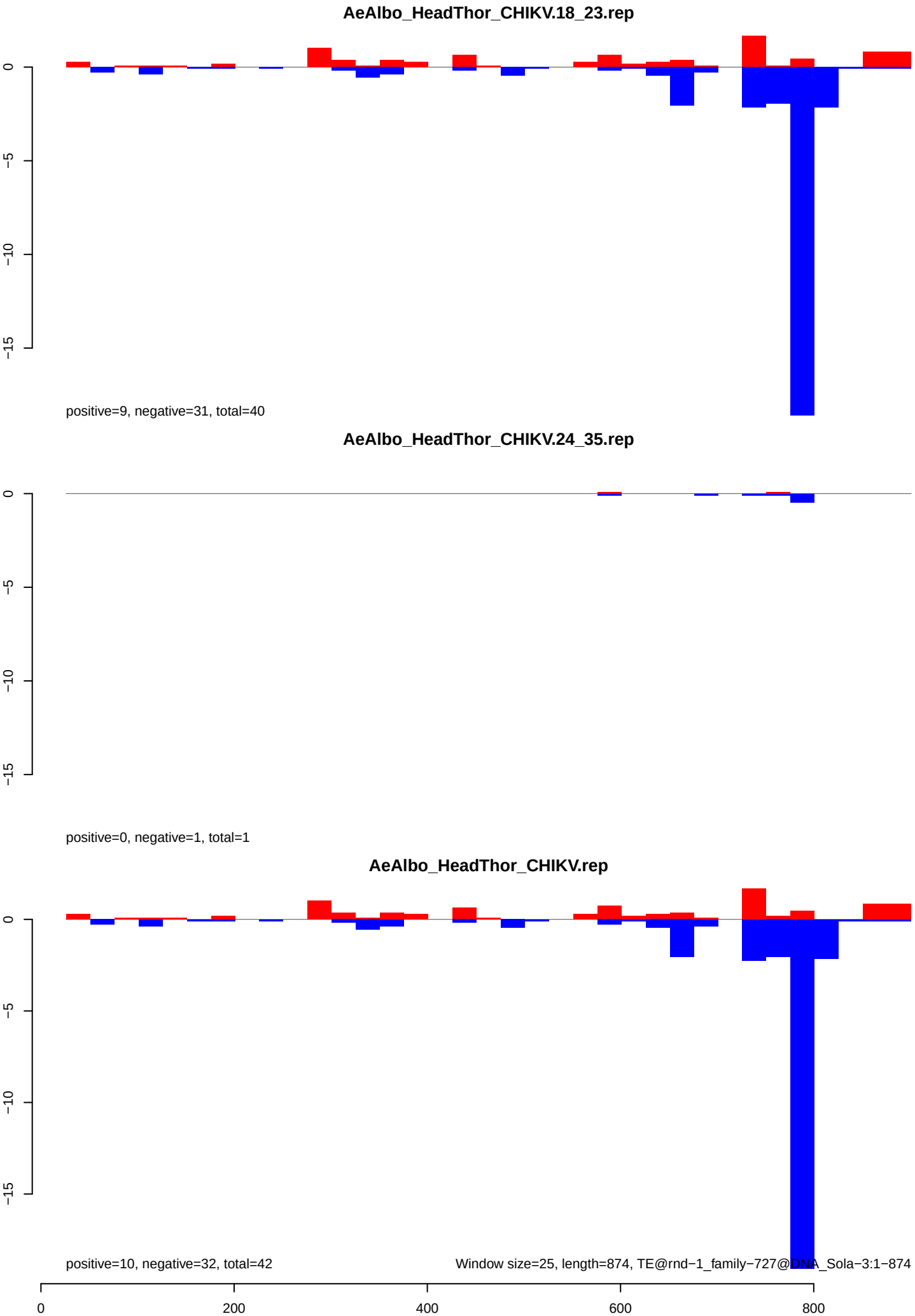

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=4, negative=34, total=38
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=4, negative=34, total=39
Window size=25, length=1328, TE@rnd−5_family−6162@LTR_Gypsy:1−1328
0
200
400
600
800
1000
1200
1400

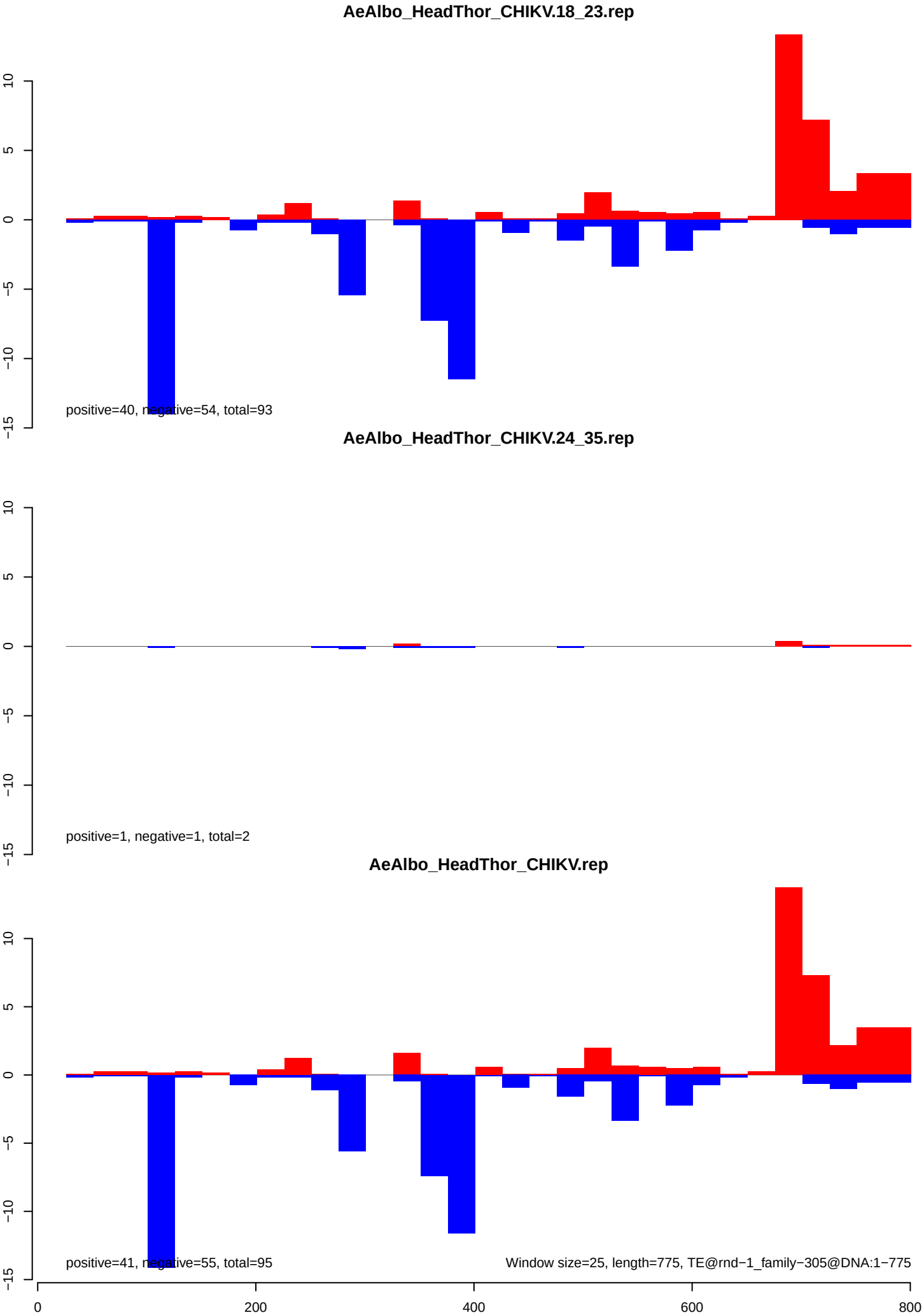

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
positive=42, negative=14, total=56

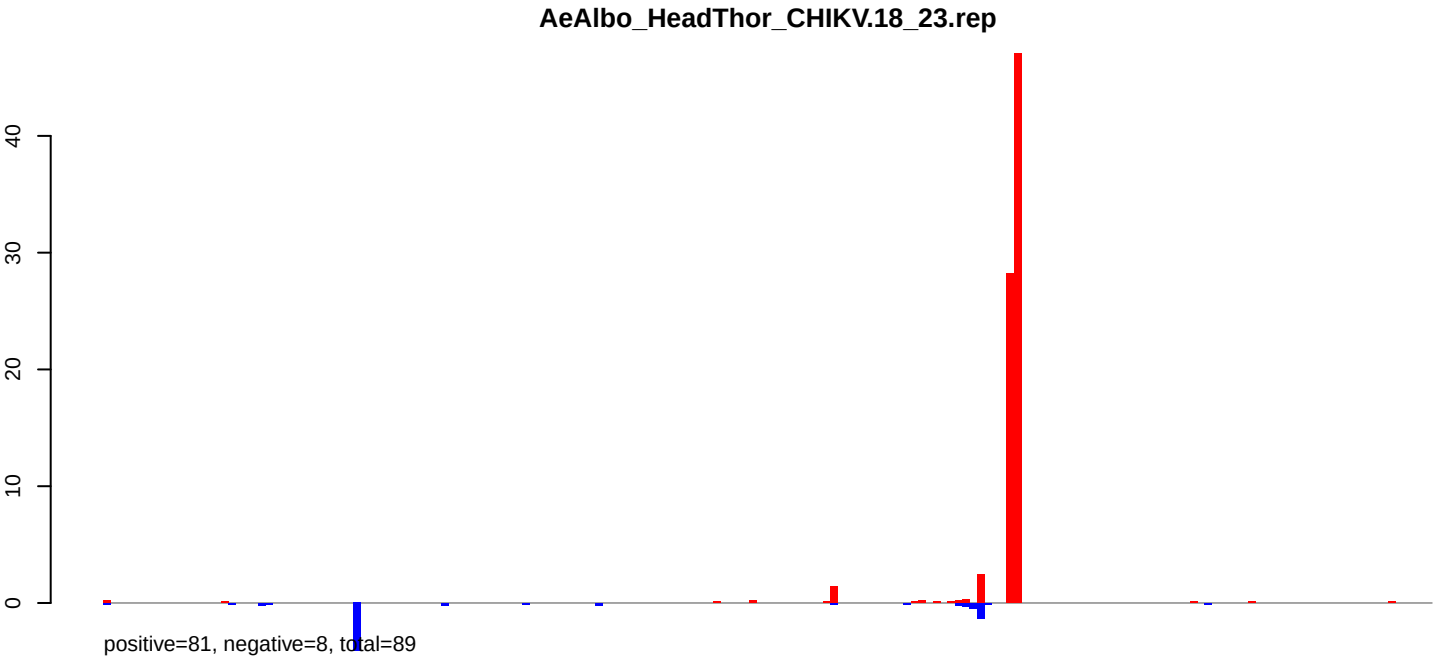

AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
positive=1, negative=0, total=1

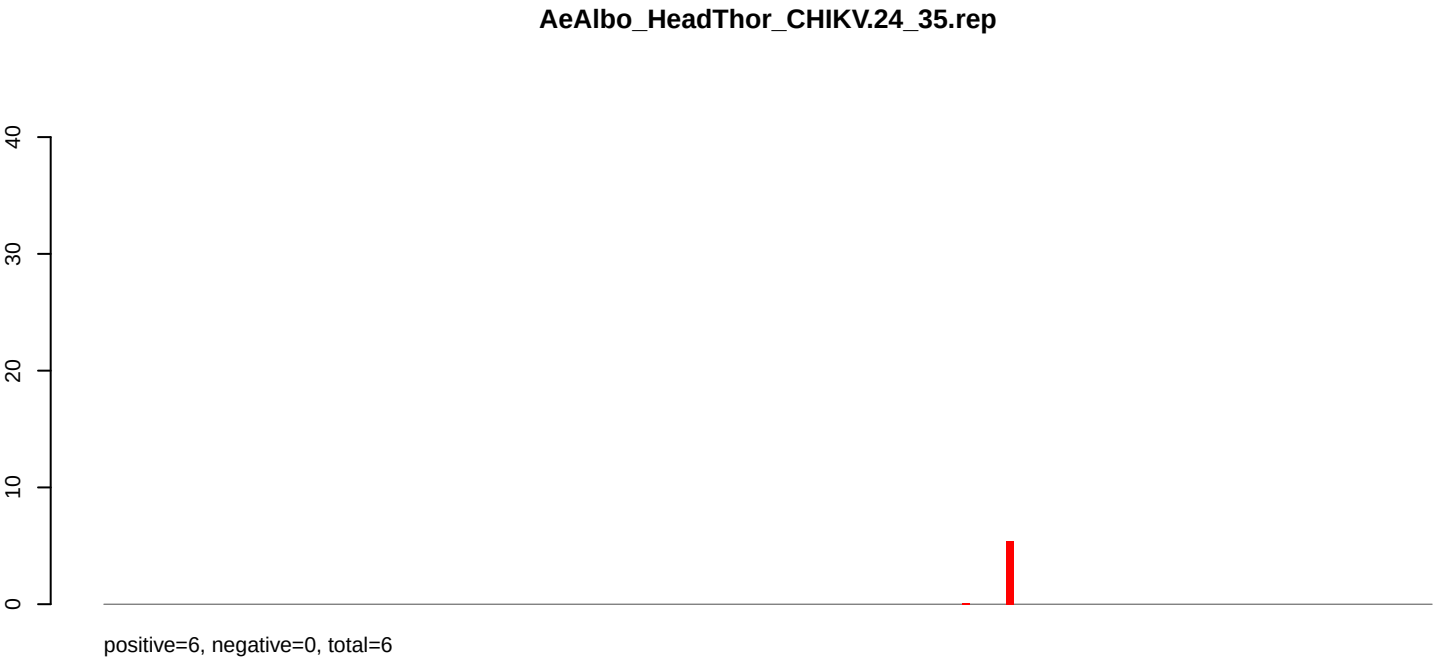

AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=42, negative=15, total=57
Window size=25, length=1012, TE@rnd−5_family−26@tRNA:1−1012
0
200
400
600
800
1000

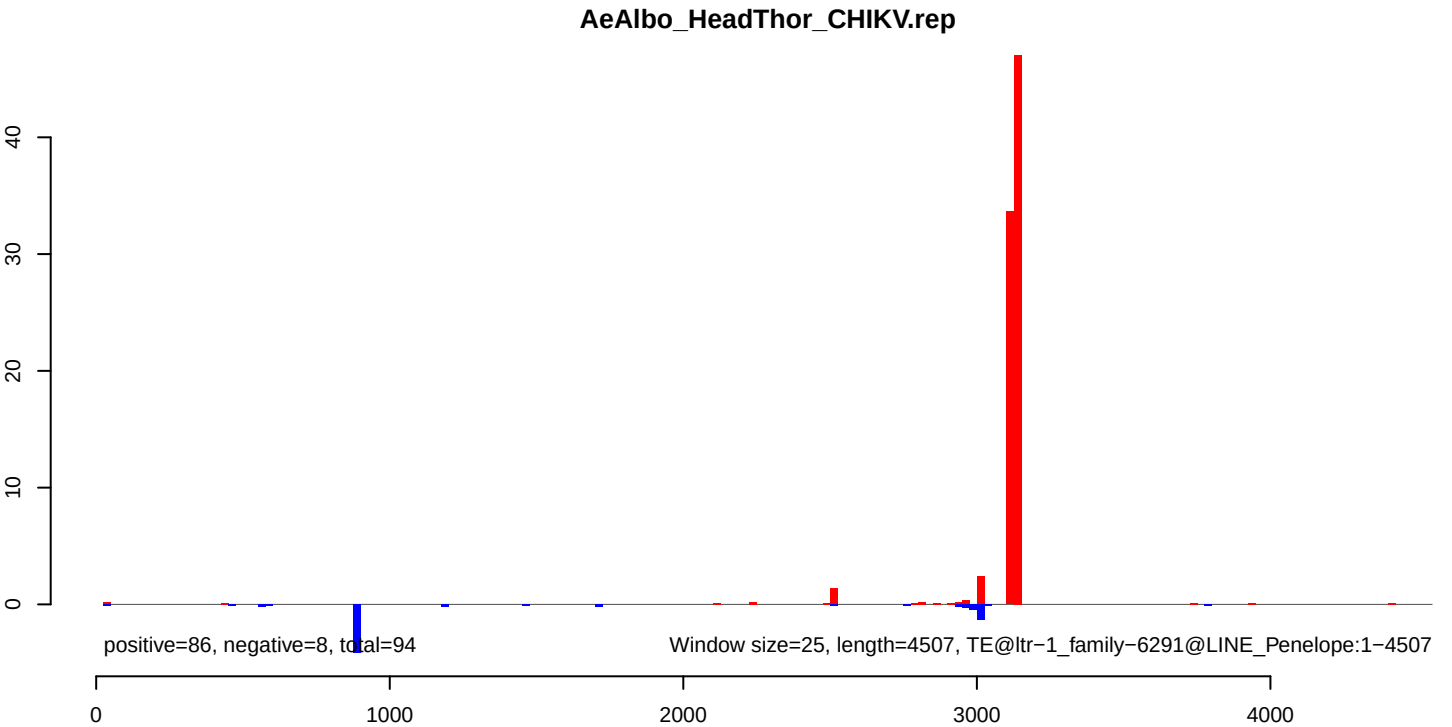

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=2, negative=50, total=52
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=2, negative=52, total=53
Window size=25, length=2156, TE@rnd−5_family−111@LINE_I:1−2156
0
500
1000
1500
2000

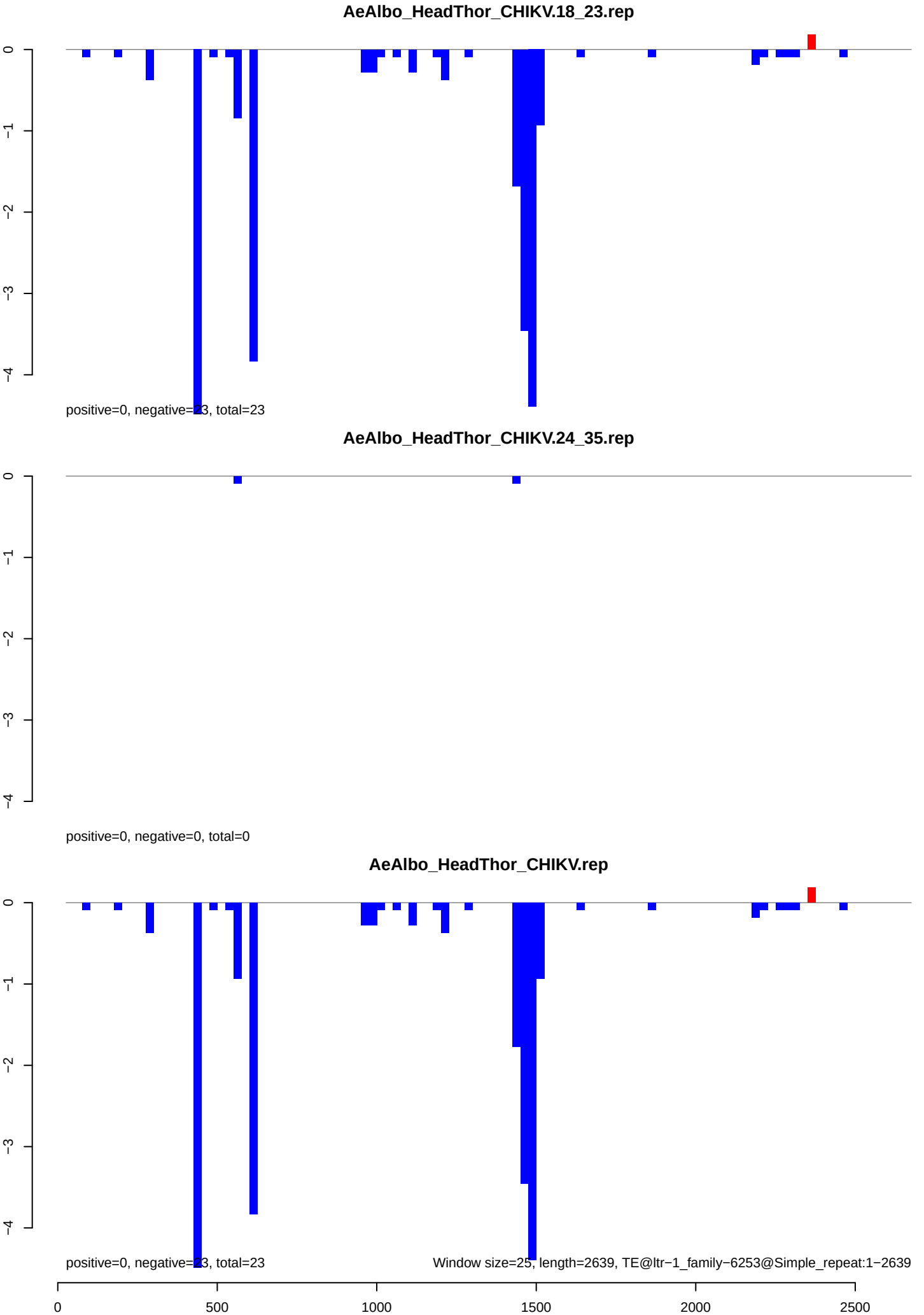

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=9, negative=31, total=40
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=10, negative=32, total=42
Window size=25, length=874, TE@rnd−1_family−727@DNA_Sola−3:1−874
0
200
400
600
800

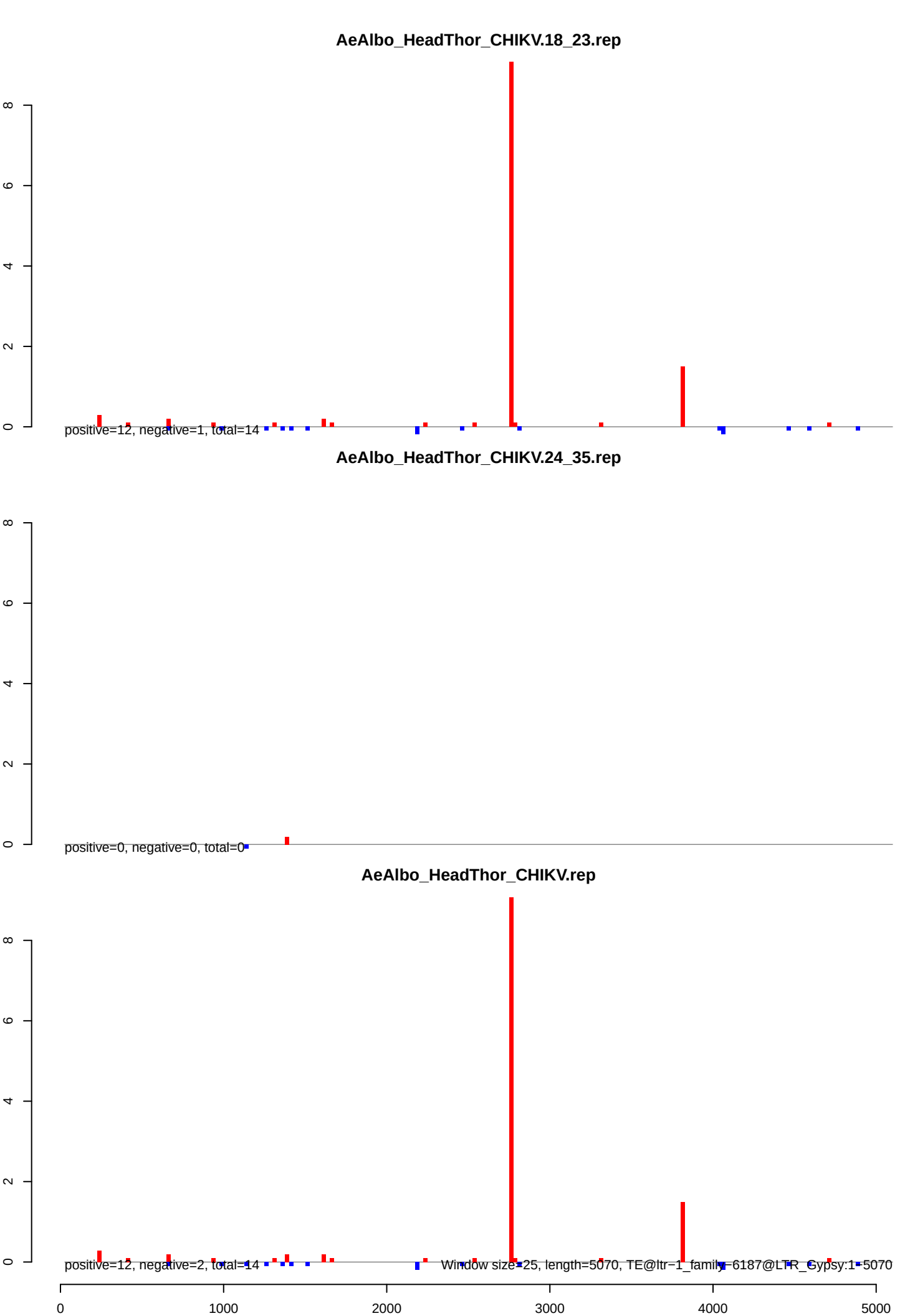

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=40, negative=54, total=93
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=41, negative=55, total=95
Window size=25, length=775, TE@rnd−1_family−305@DNA:1−775
10
5
0
−5
−10
−15
0
200
400
600
800

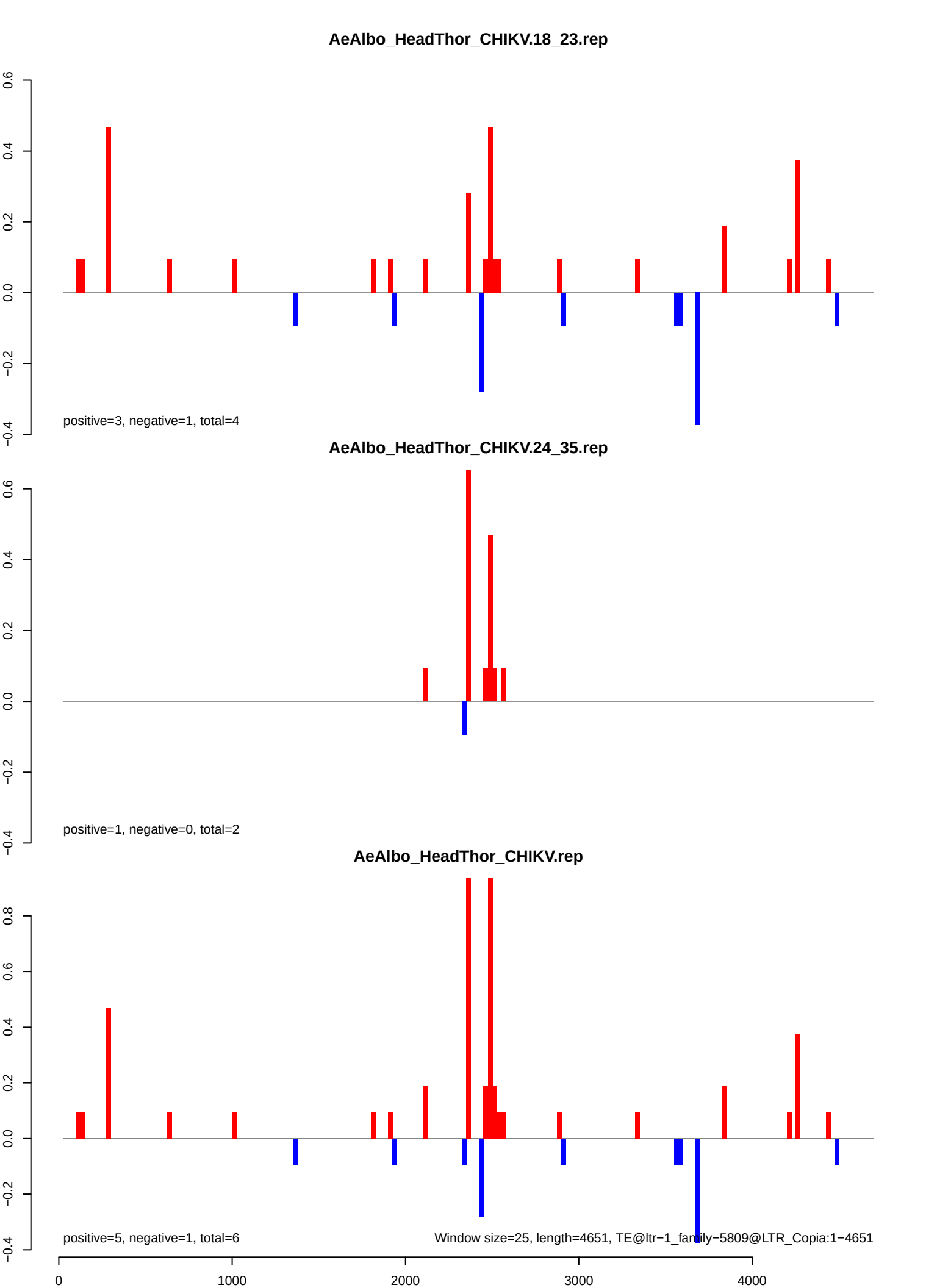

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=81, negative=8, total=89

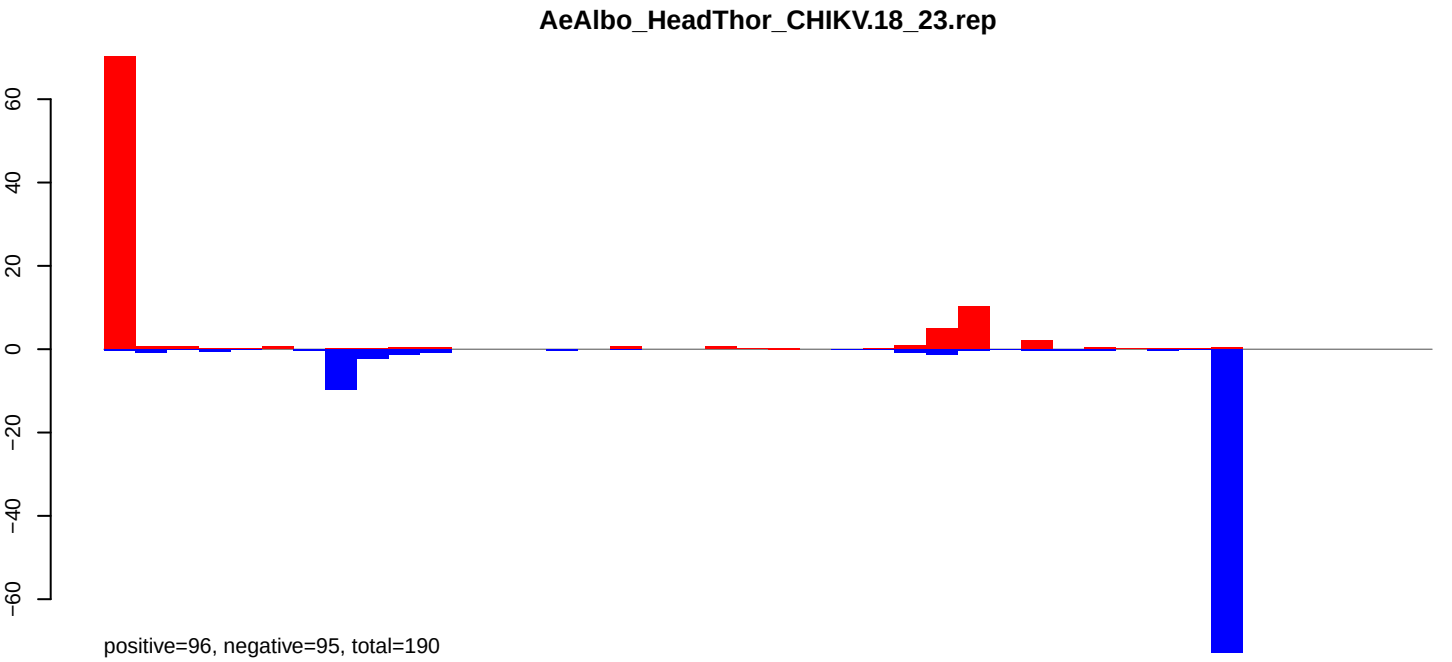

AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=6, negative=0, total=6

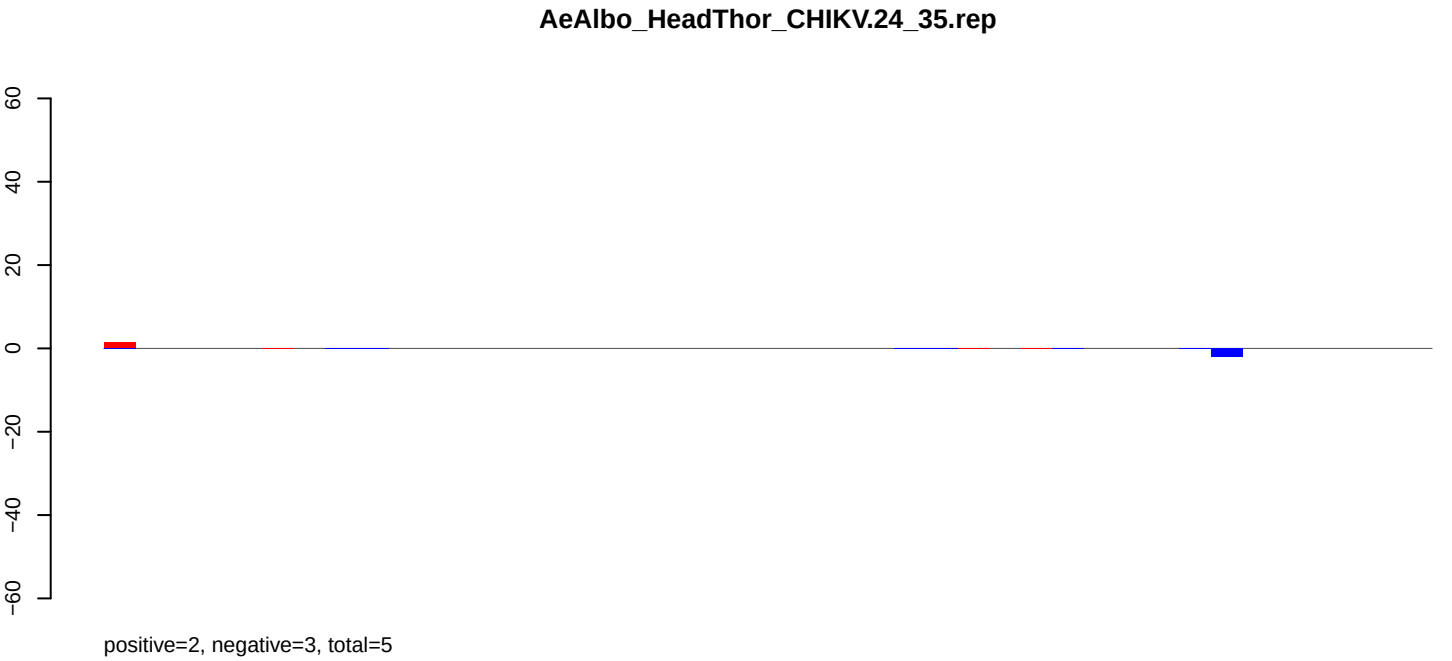

AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=86, negative=8, total=94
Window size=25, length=4507, TE@ltr−1_family−6291@LINE_Penelope:1−4507
0
1000
2000
3000
4000

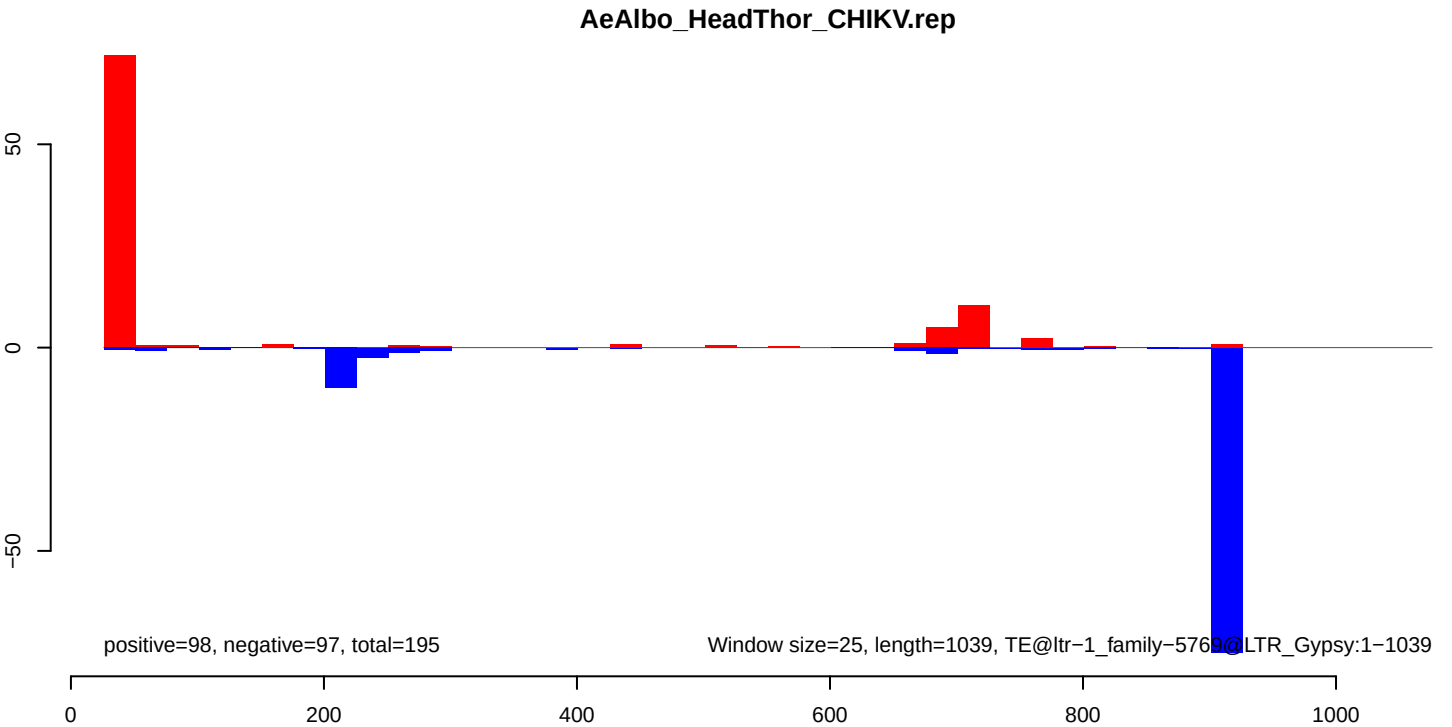

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=0, negative=23, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=0, negative=23, total=23
Window size=25, length=2639, TE@ltr−1_family−6253@Simple_repeat:1−2639
0
500
1000
1500
2000
2500

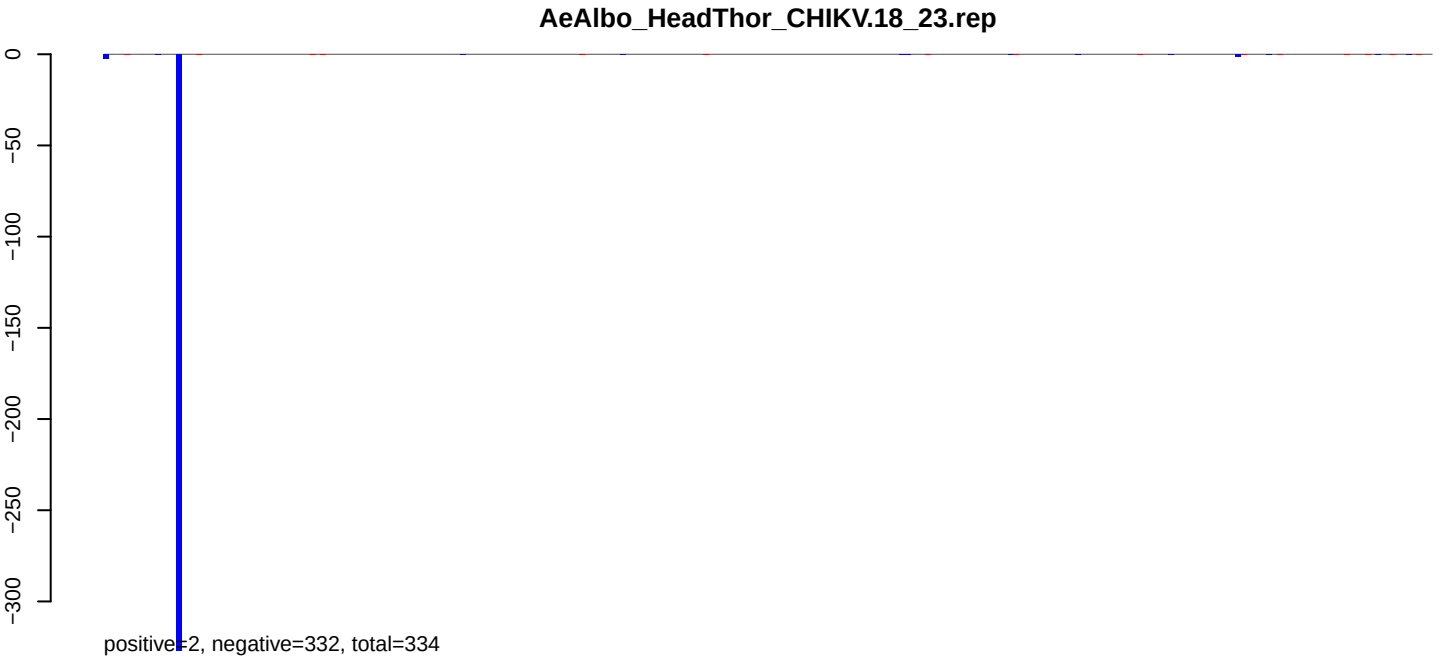

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
positive=12, negative=1, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
positive=12, negative=2, total=14
Window size=25, length=5070, TE@ltr−1_family−6187@LTR_Gypsy:1−5070
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=1, total=6
Window size=25, length=4651, TE@ltr−1_family−5809@LTR_Copia:1−4651
0
1000
2000
3000
4000

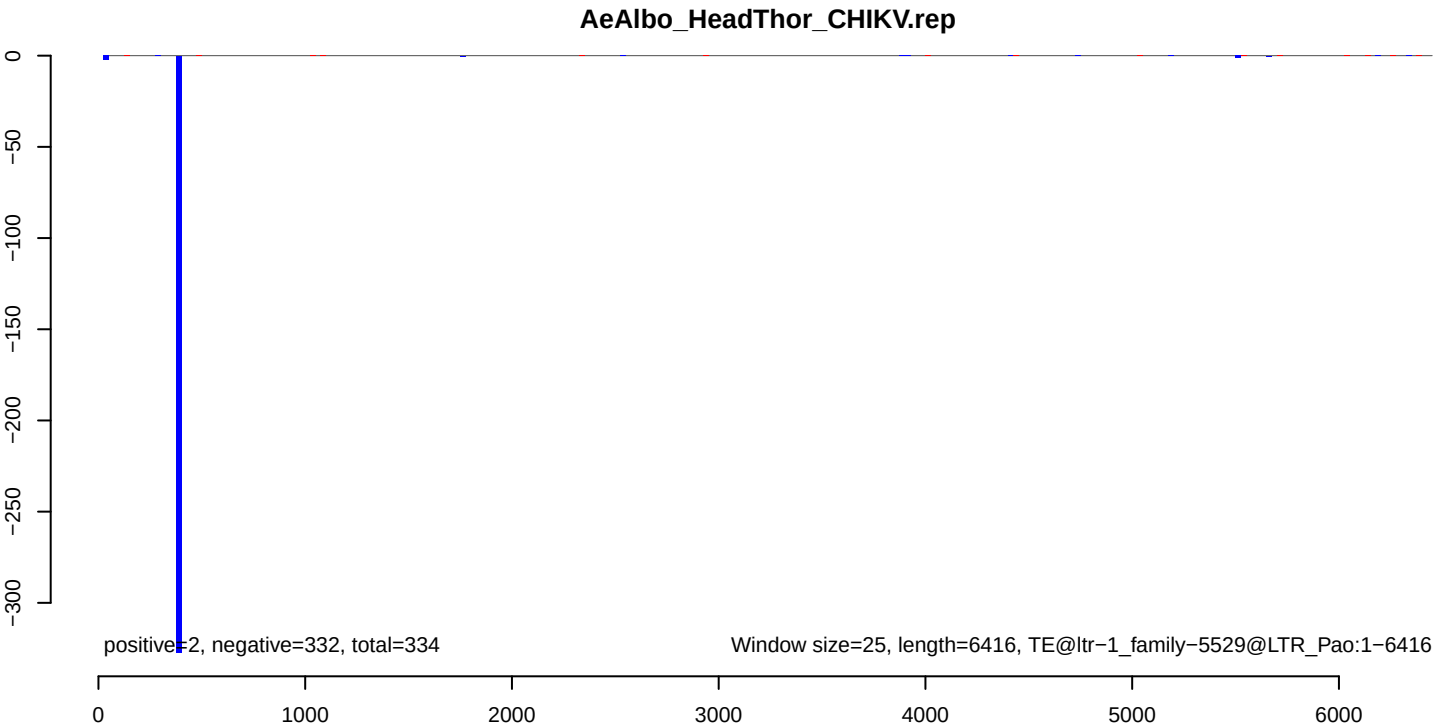

AeAlbo_HeadThor_CHIKV.18_23.rep
60
40
20
0
−20
−40
−60
positive=96, negative=95, total=190

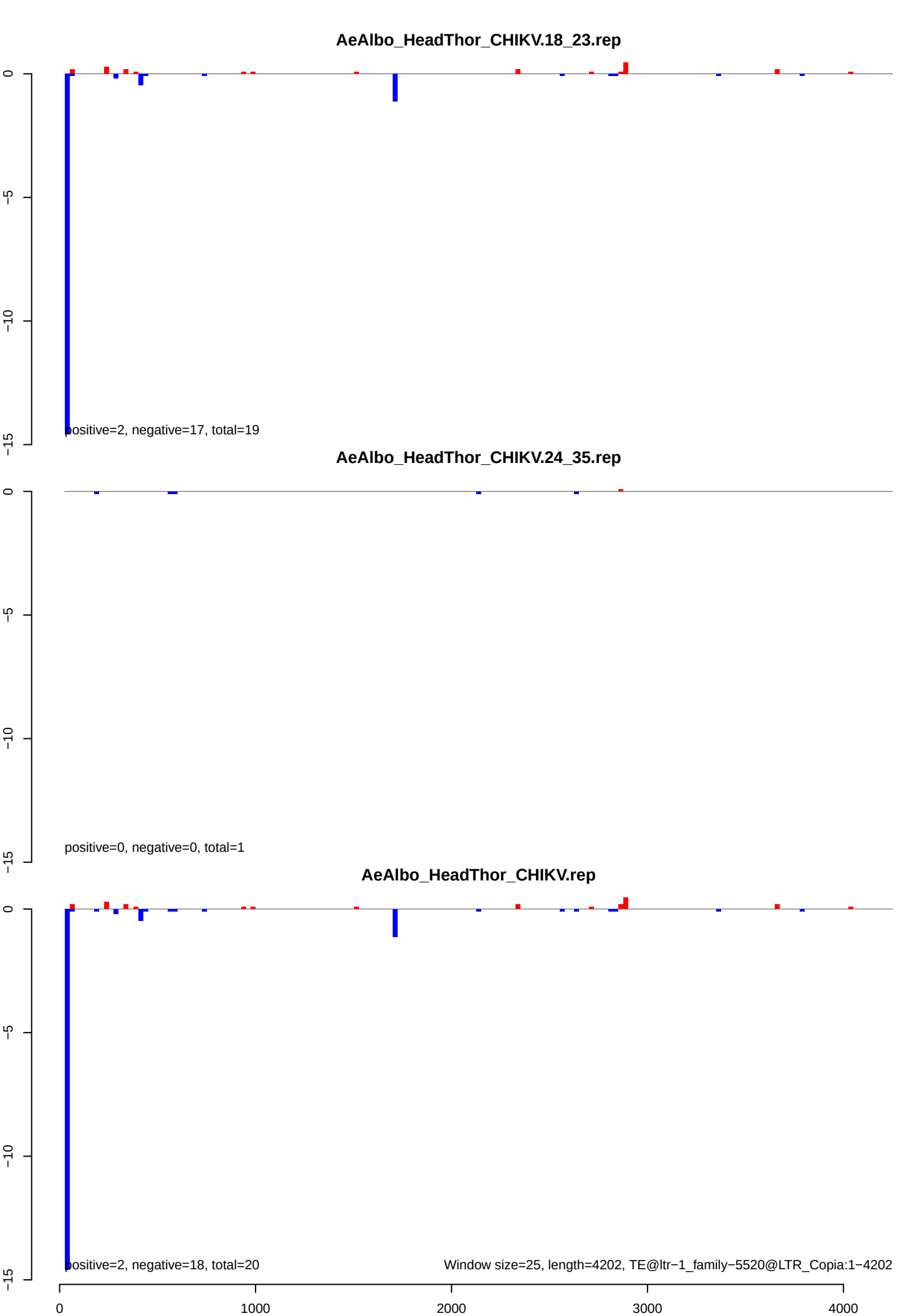

AeAlbo_HeadThor_CHIKV.24_35.rep
60
40
20
0
−20
−40
−60
positive=2, negative=3, total=5

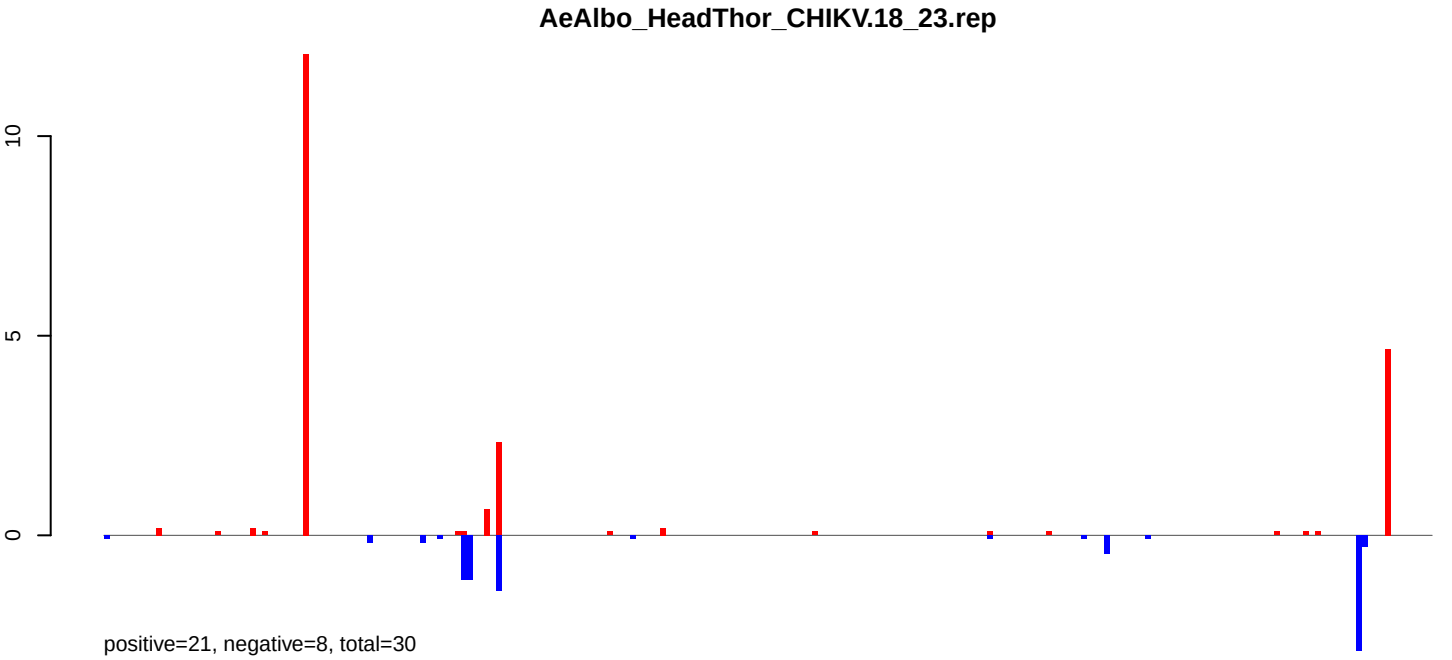

AeAlbo_HeadThor_CHIKV.rep
50
0
−50
positive=98, negative=97, total=195
Window size=25, length=1039, TE@ltr−1_family−5762@LTR_Gypsy:1−1039
0
200
400
600
800
1000

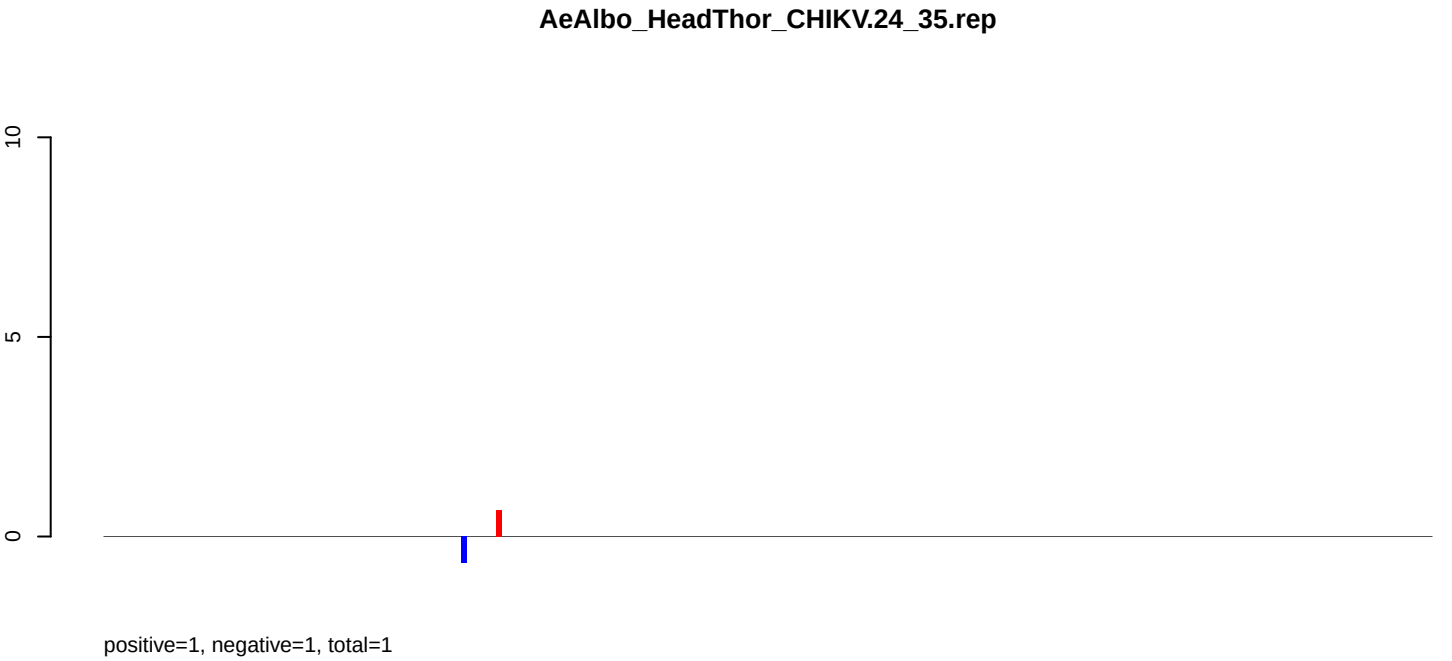

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
−200
−250
−300
positive=2, negative=332, total=334

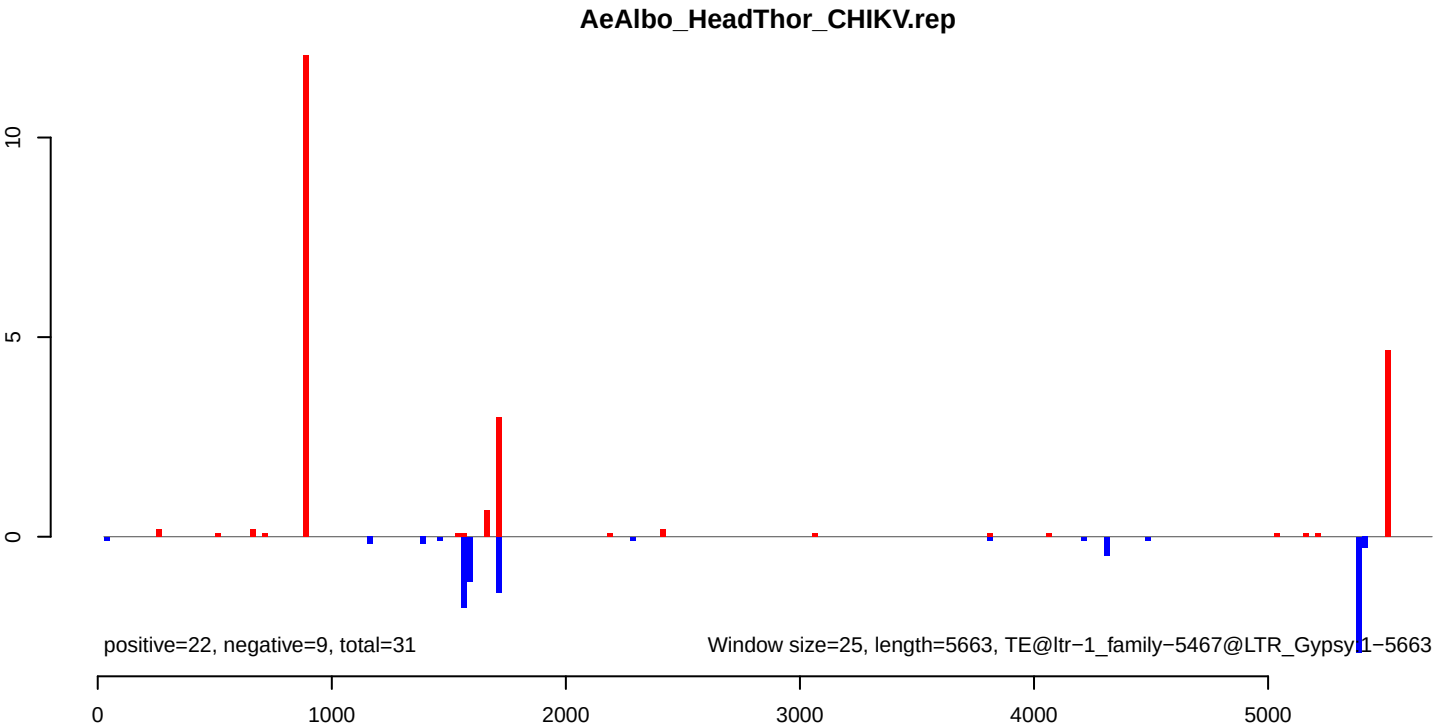
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
−200
−250
−300
positive=0, negative=0, total=0

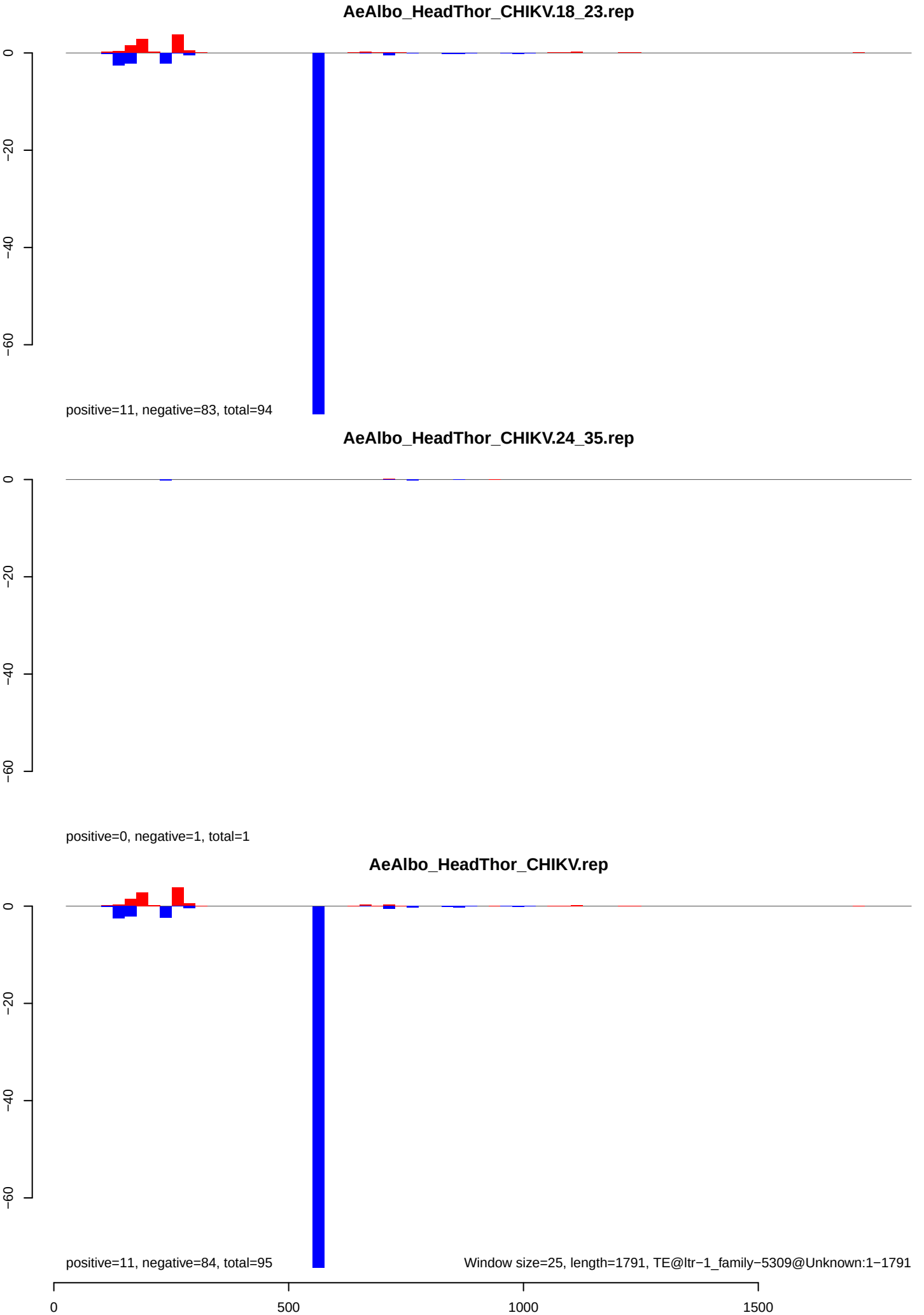

AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
−200
−250
−300
positive=2, negative=332, total=334
Window size=25, length=6416, TE@ltr−1_family−5529@LTR_Pao:1−6416
0
1000
2000
3000
4000
5000
6000

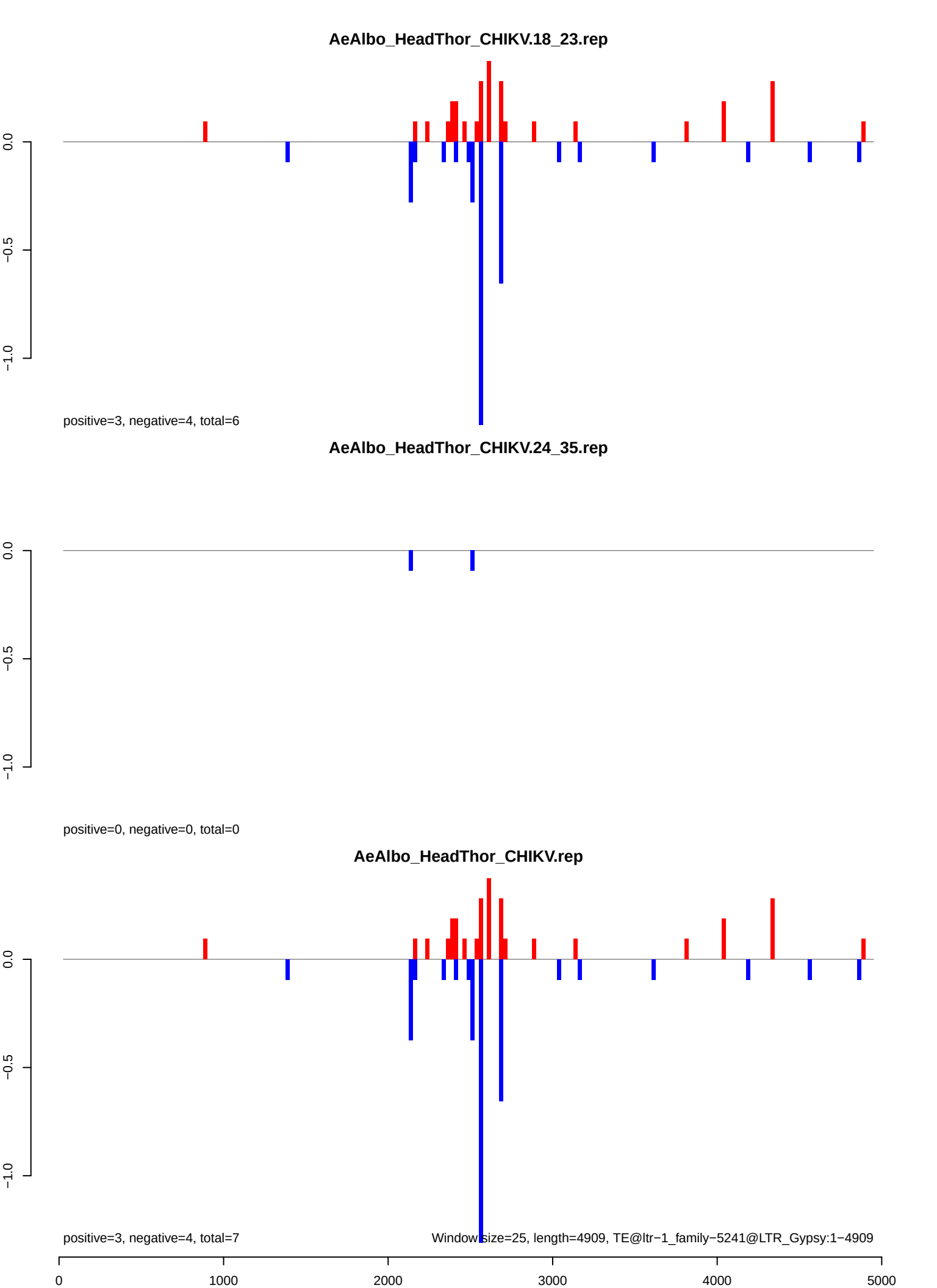

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=2, negative=17, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=2, negative=18, total=20
Window size=25, length=4202, TE@ltr−1_family−5520@LTR_Copia:1−4202
0
1000
2000
3000
4000

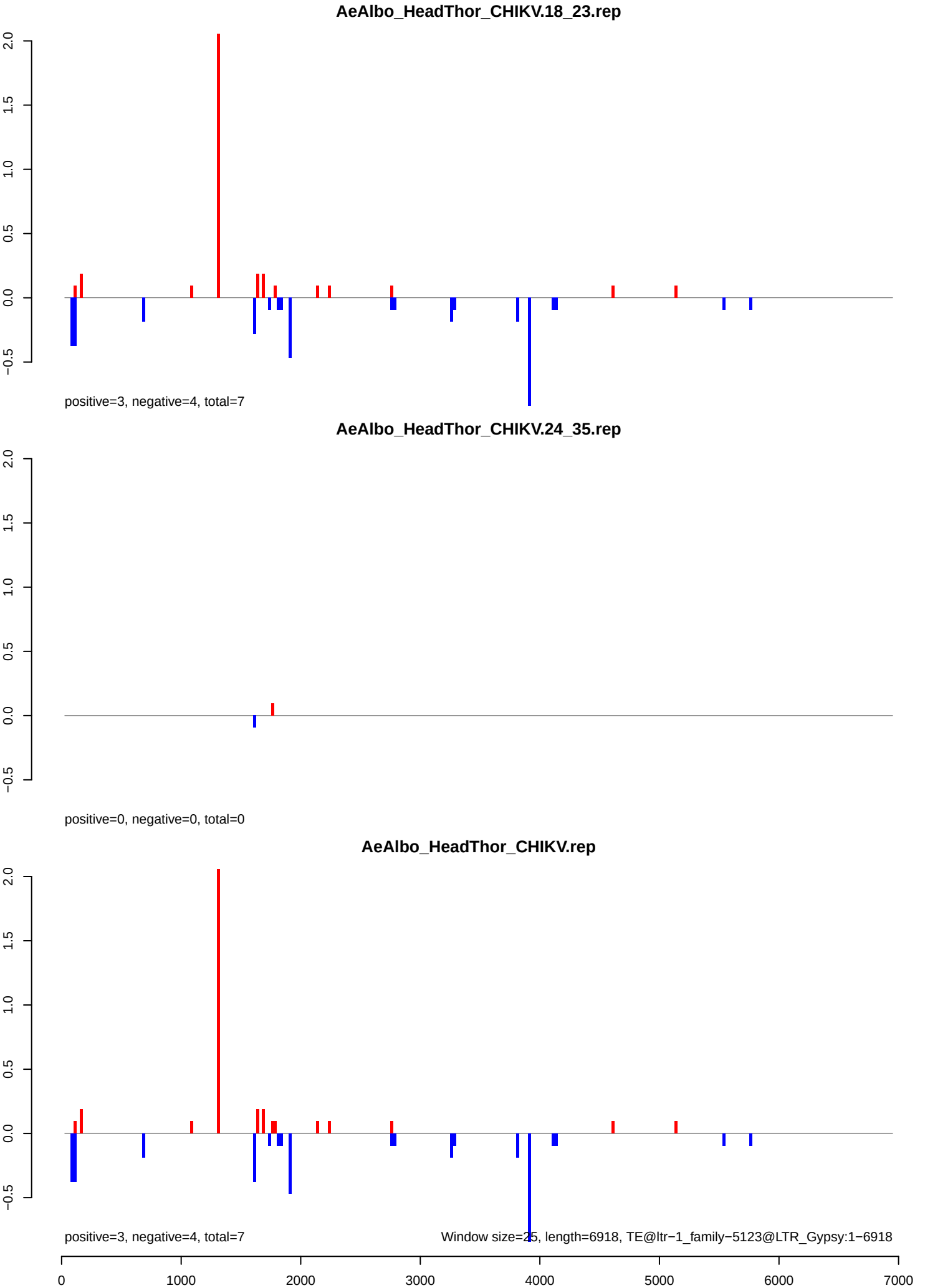

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
positive=21, negative=8, total=30

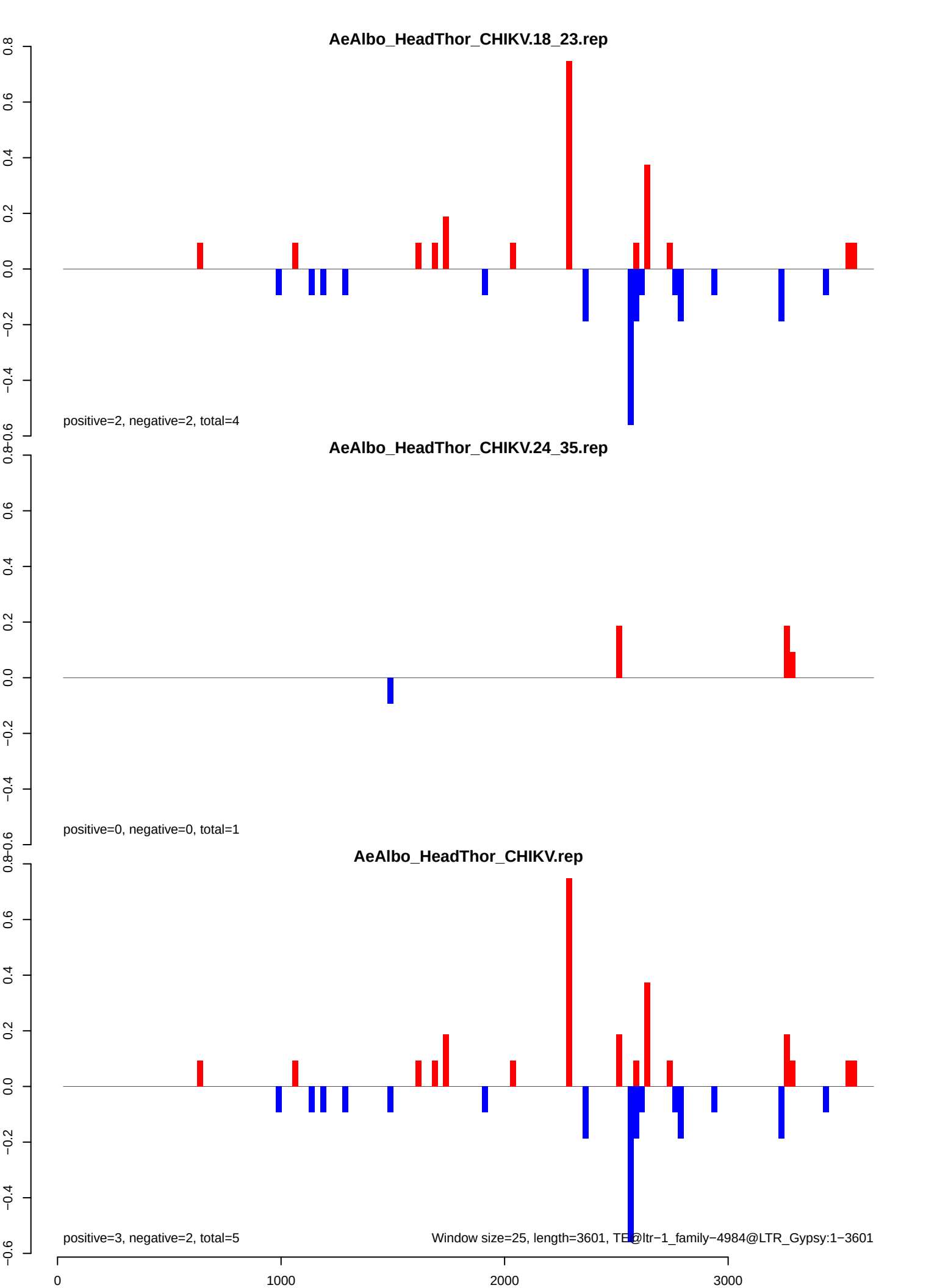

AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
positive=1, negative=1, total=1

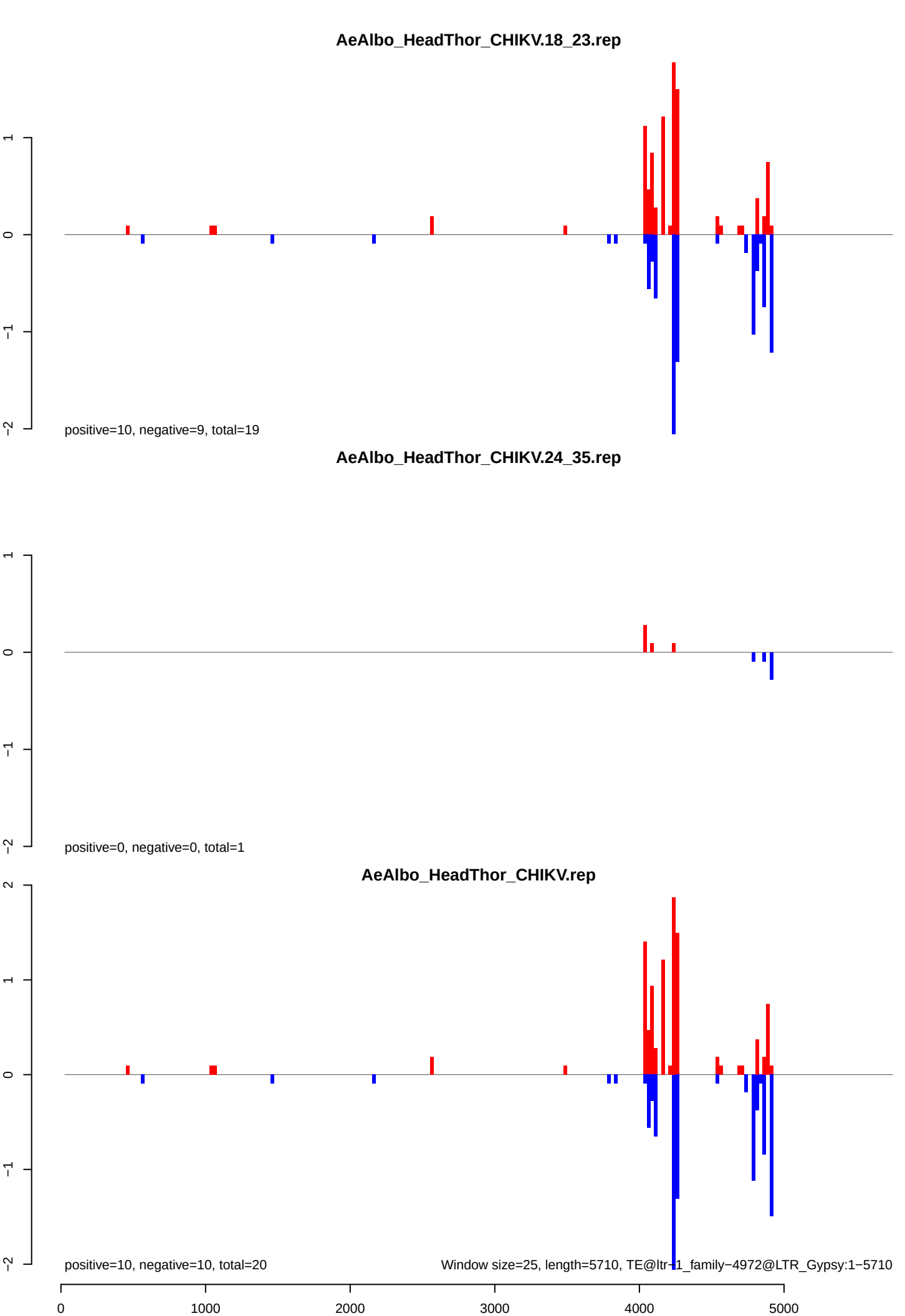

AeAlbo_HeadThor_CHIKV.rep
10
5
0
positive=22, negative=9, total=31
Window size=25, length=5663, TE@ltr−1_family−5467@LTR_Gypsy−1−5663
0
1000
2000
3000
4000
5000

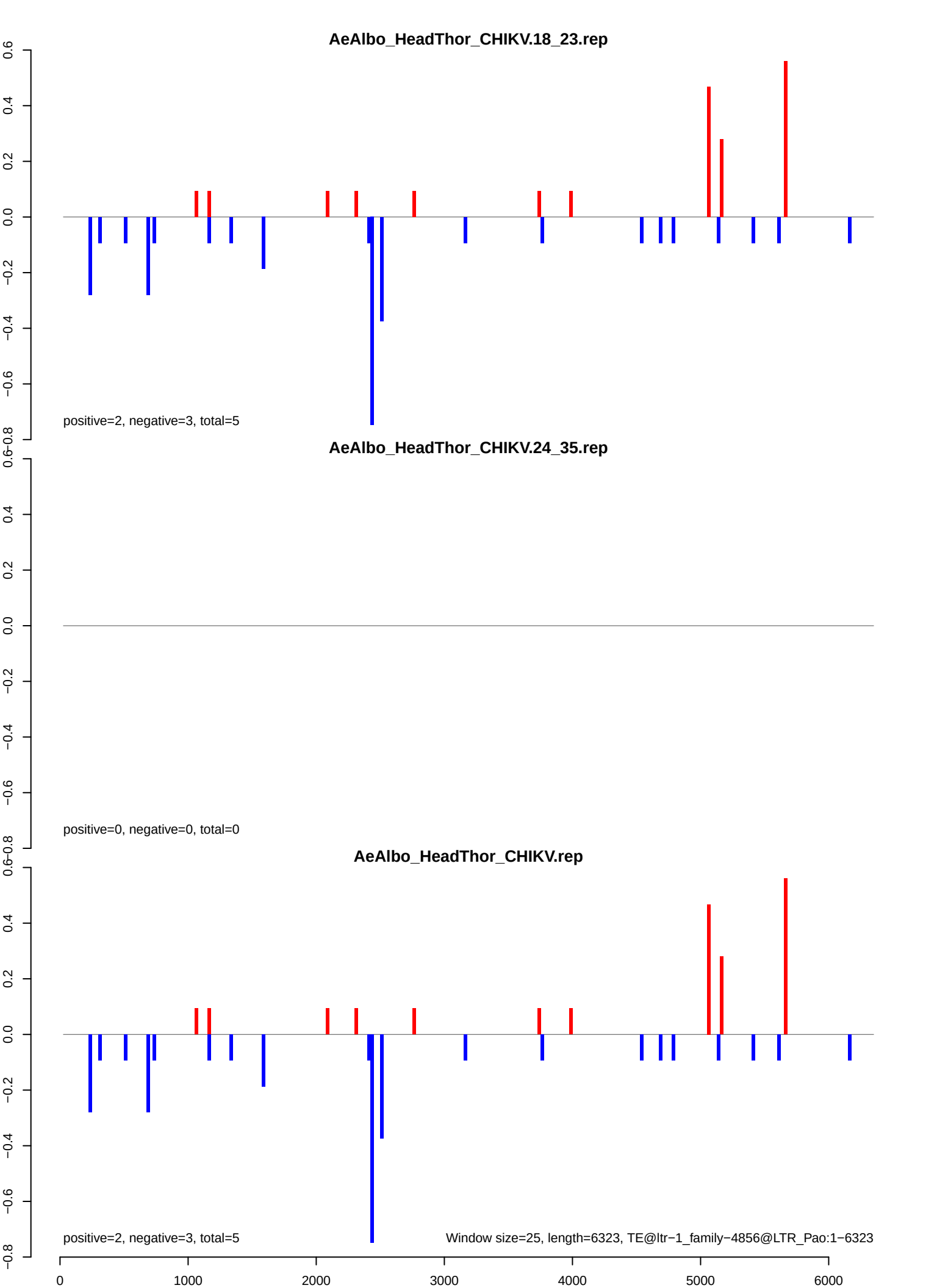

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
positive=11, negative=83, total=94
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
positive=11, negative=84, total=95
Window size=25, length=1791, TE@ltr−1_family−5309@Unknown:1−1791
0
500
1000
1500

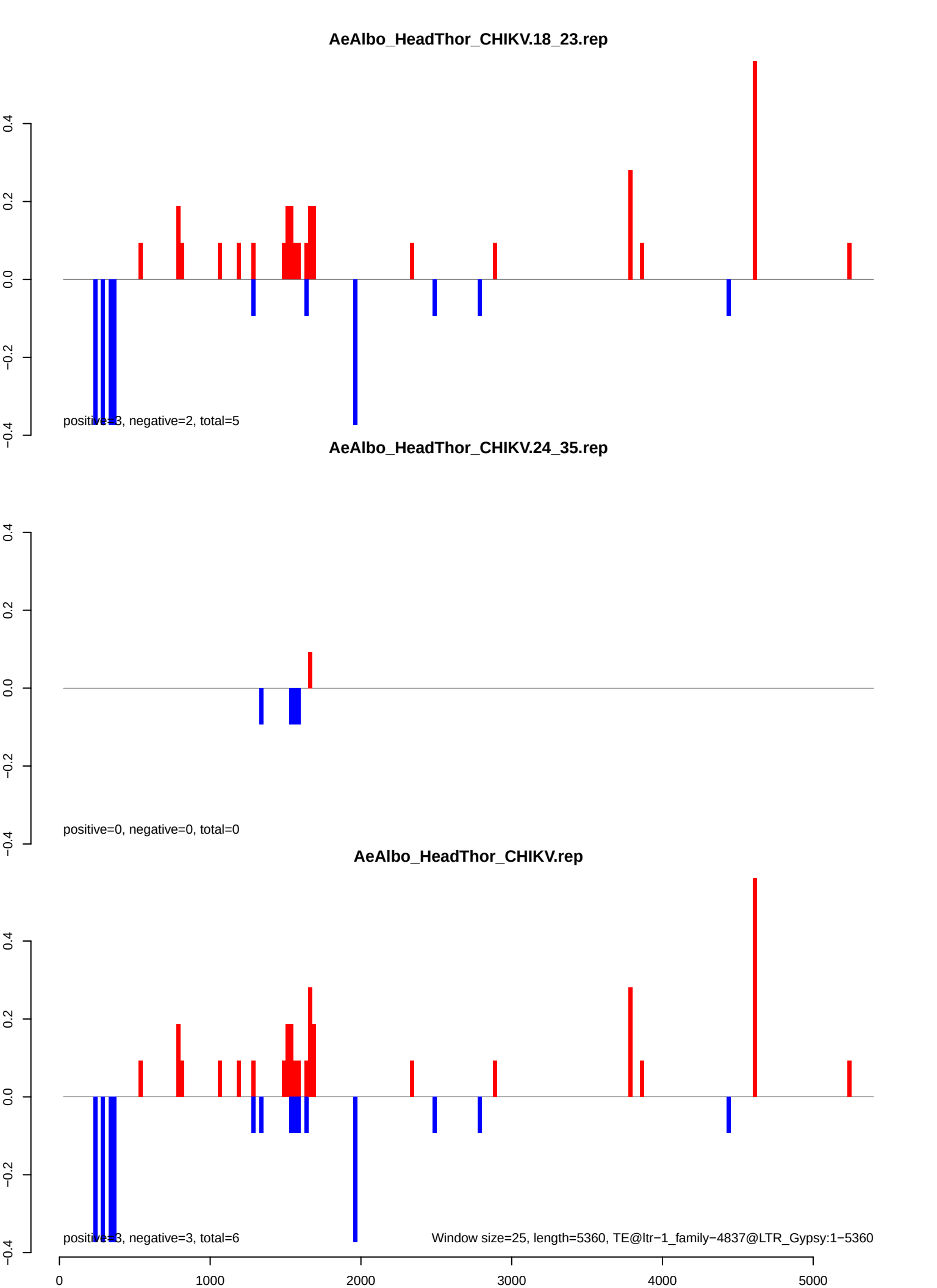

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=3, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=3, negative=4, total=7
Window size=25, length=4909, TE@ltr−1_family−5241@LTR_Gypsy:1−4909
0
1000
2000
3000
4000
5000

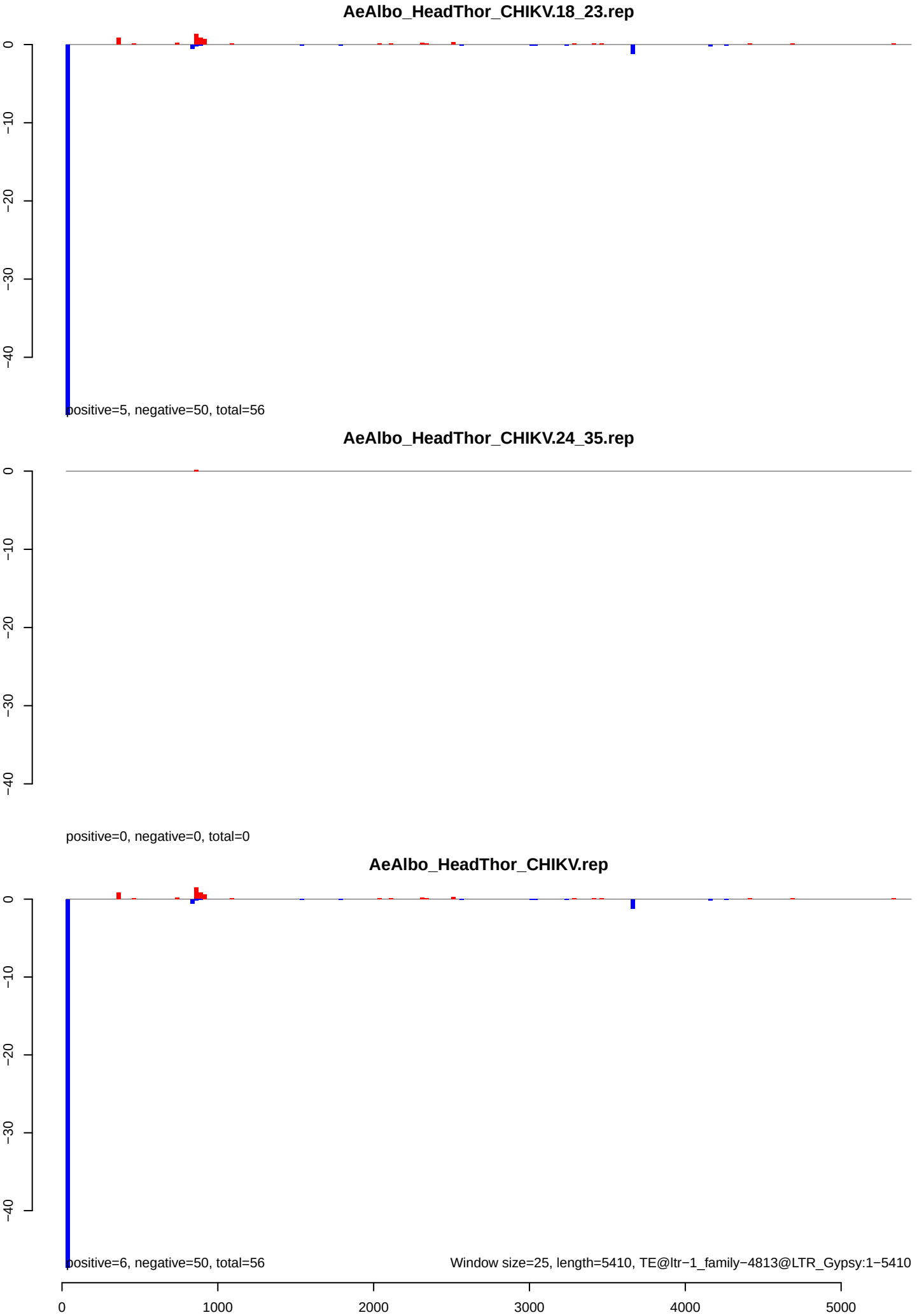

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=4, total=7
Window size=25, length=6918, TE@ltr−1_family−5123@LTR_Gypsy:1−6918
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000
5000
6000
7000

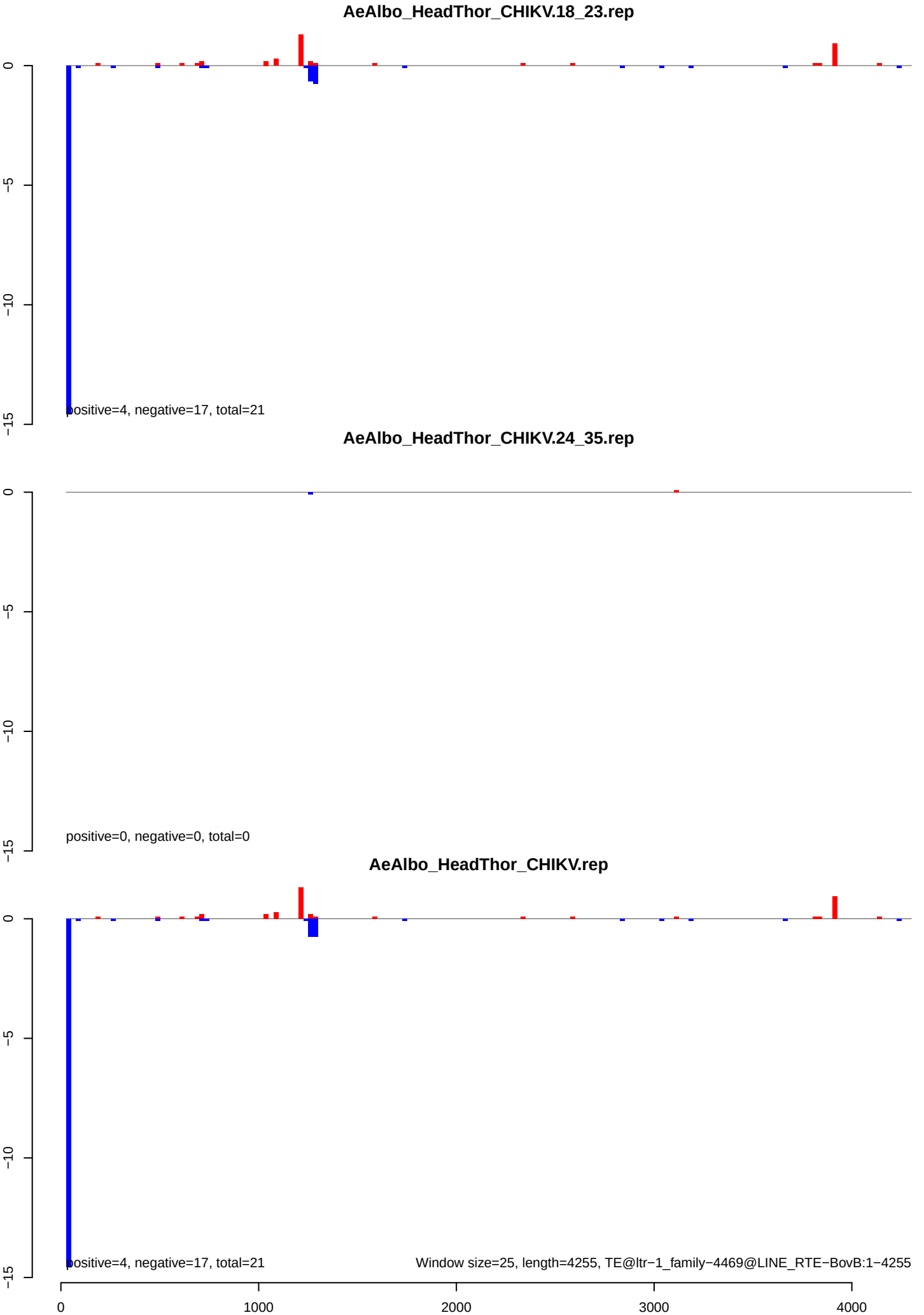

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=3601, TE@ltr−1_family−4984@LTR_Gypsy:1−3601
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000

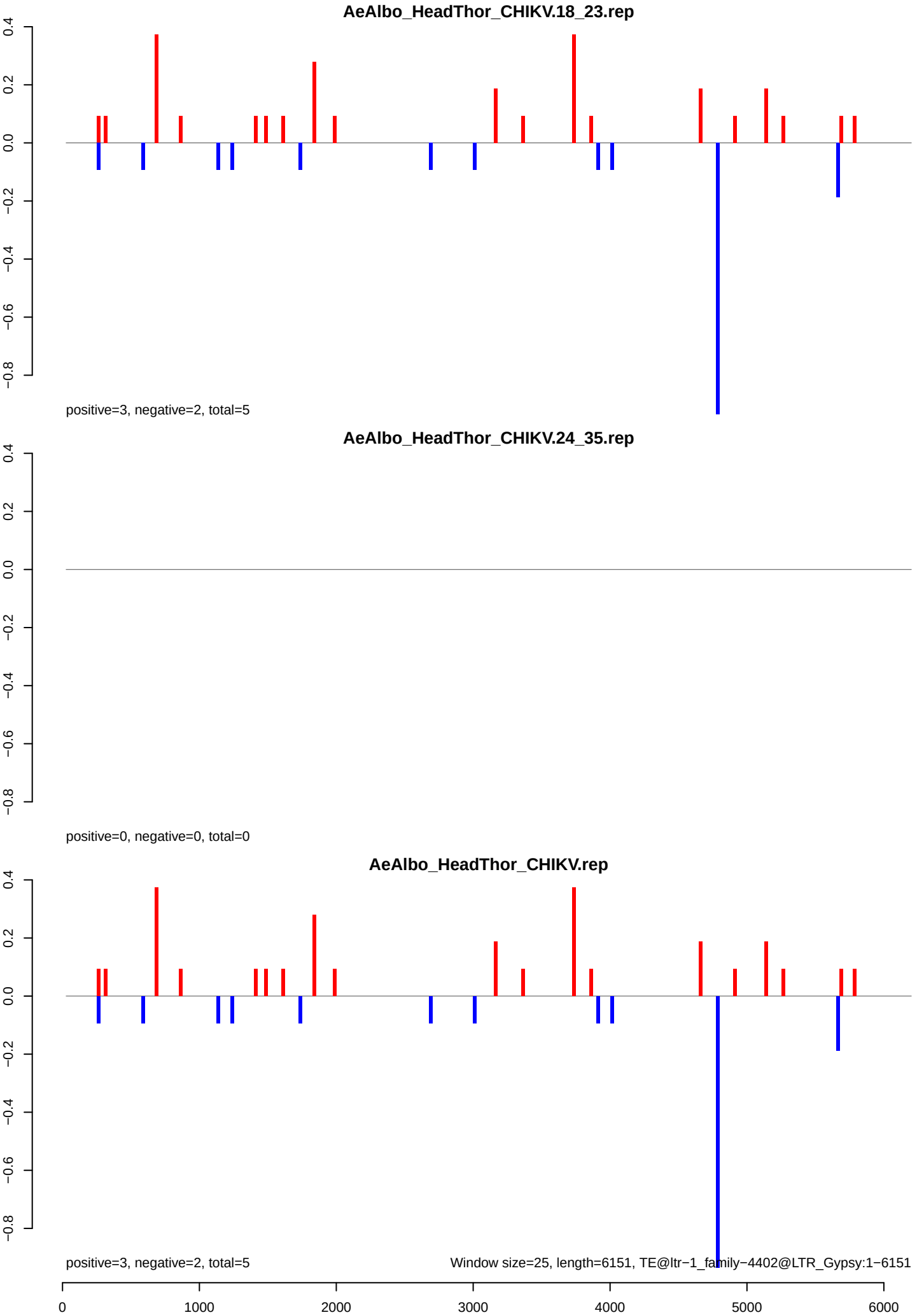

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=9, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=10, total=20
Window size=25, length=5710, TE@ltr−1_family−4972@LTR_Gypsy:1−5710
0
1000
2000
3000
4000
5000

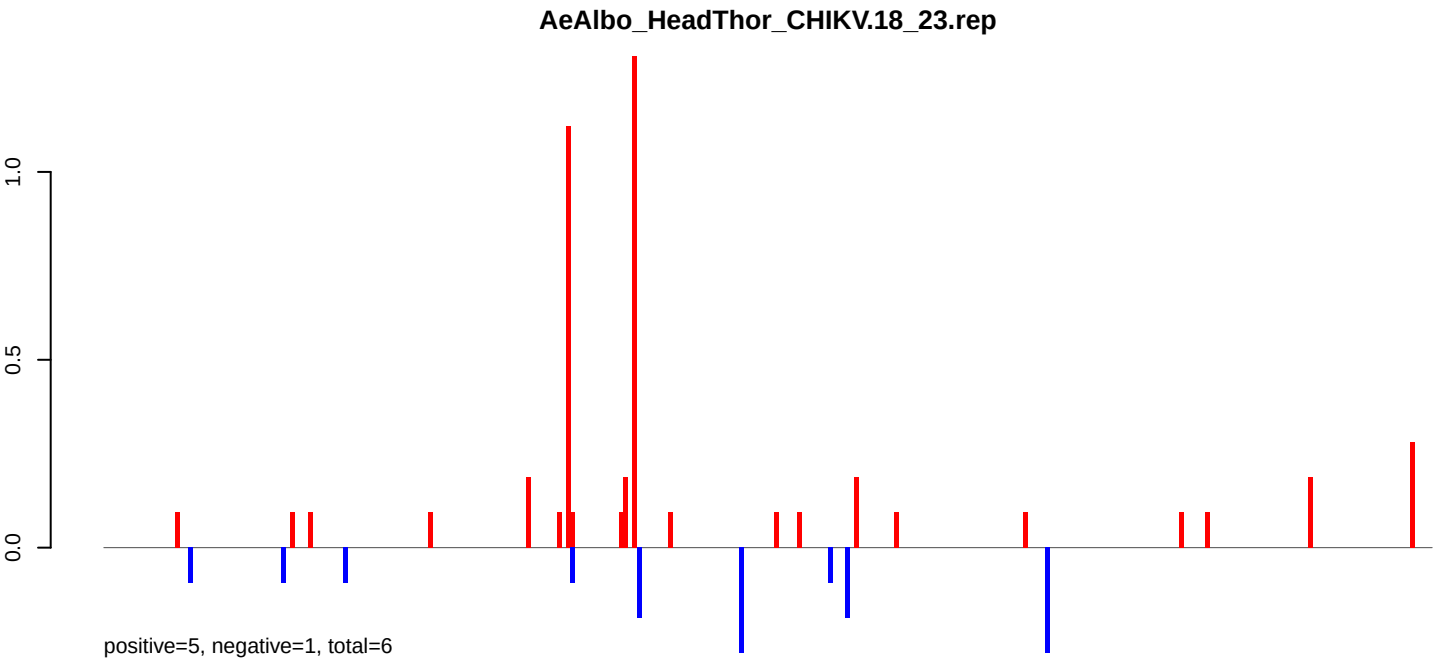

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=3, total=5
Window size=25, length=6323, TE@ltr−1_family−4856@LTR_Pao:1−6323
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
1000
2000
3000
4000
5000
6000

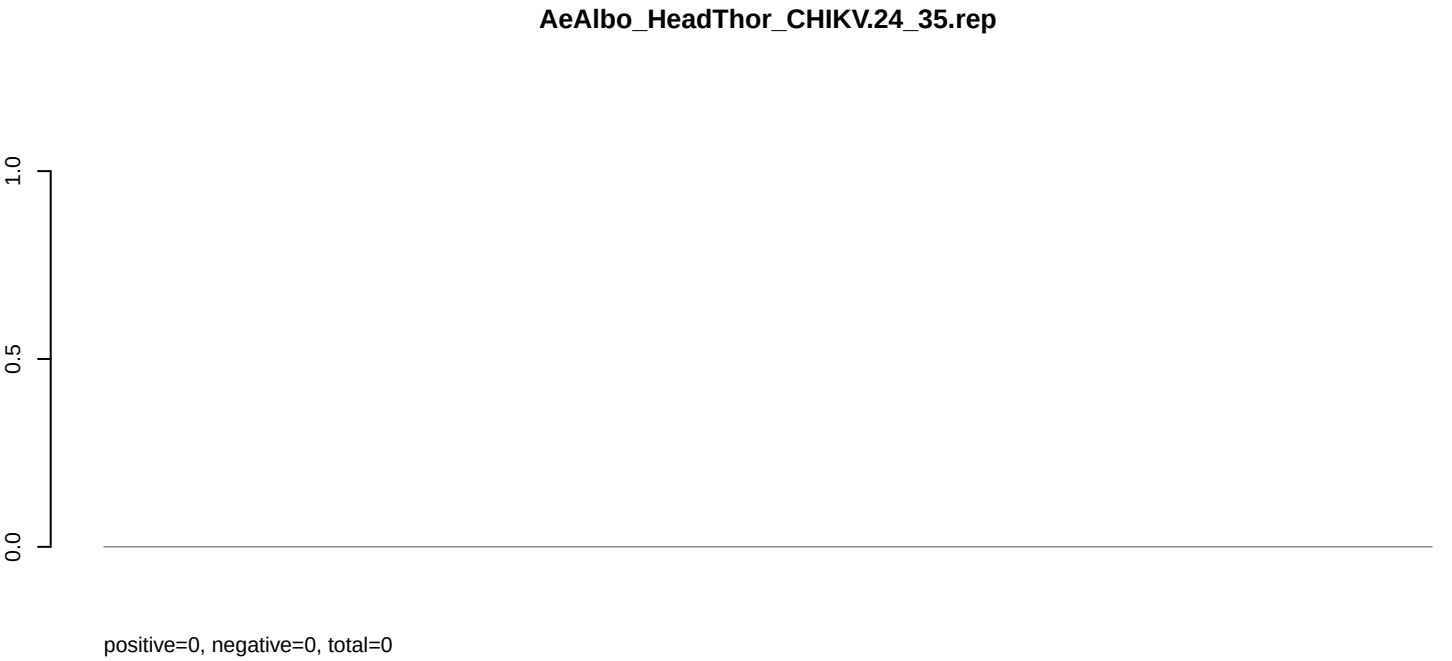

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=3, total=6
Window size=25, length=5360, TE@ltr−1_family−4837@LTR_Gypsy:1−5360
0.4
0.2
0.0
−0.2
−0.4
0
1000
2000
3000
4000
5000

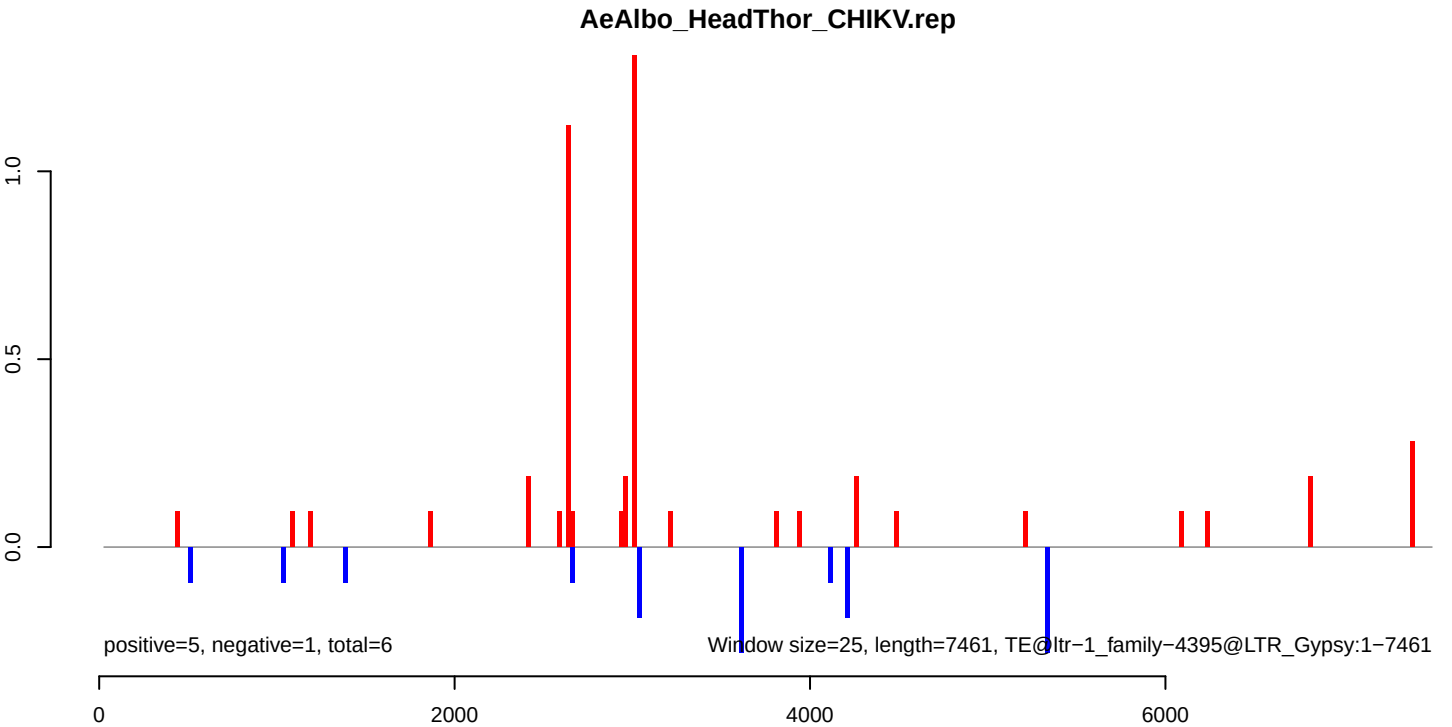

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=5, negative=50, total=56
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=6, negative=50, total=56
Window size=25, length=5410, TE@ltr−1_family−4813@LTR_Gypsy:1−5410
0
1000
2000
3000
4000
5000

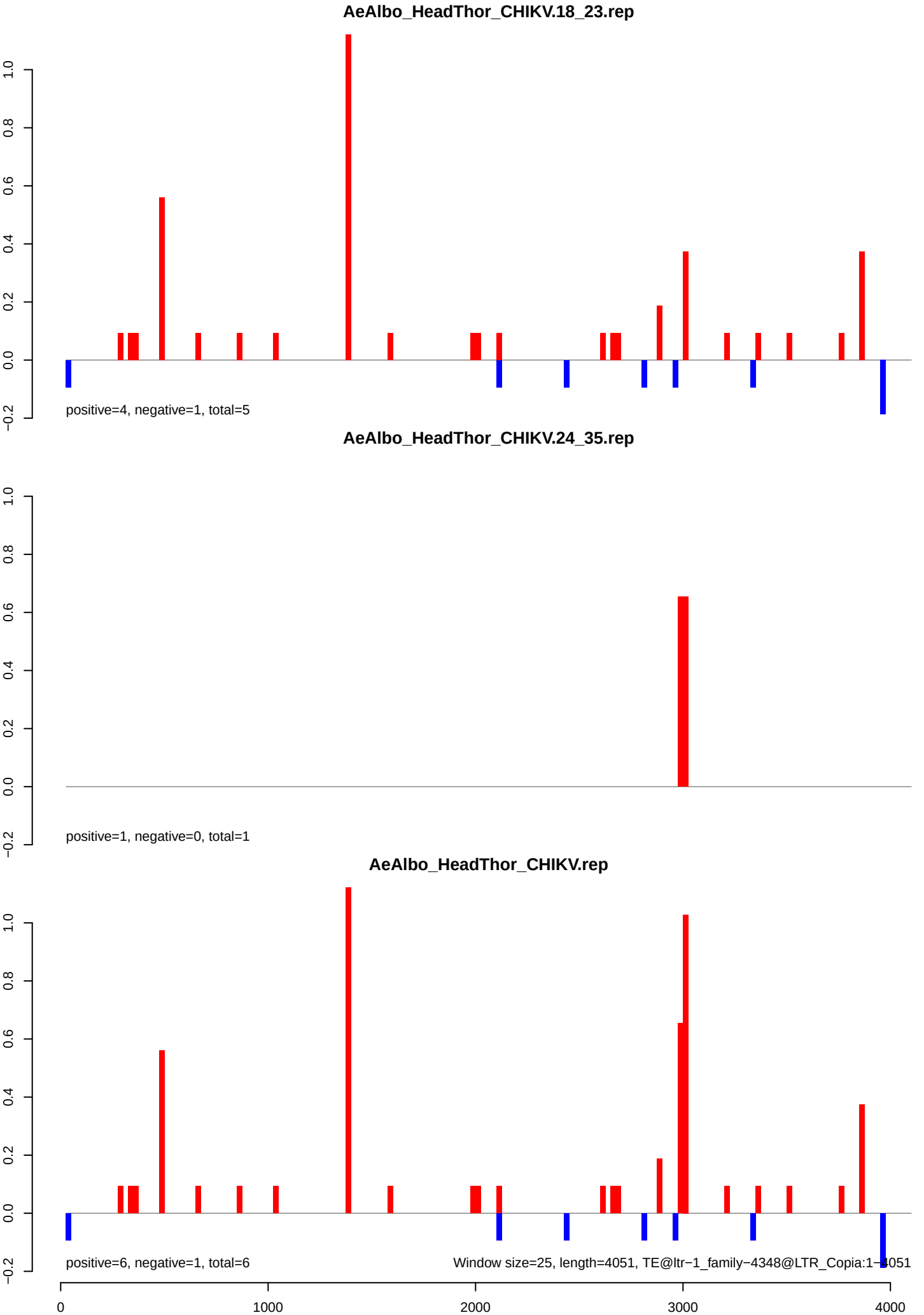

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=4, negative=17, total=21
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=4, negative=17, total=21
Window size=25, length=4255, TE@ltr−1_family−4469@LINE_RTE−BovB:1−4255
0
1000
2000
3000
4000

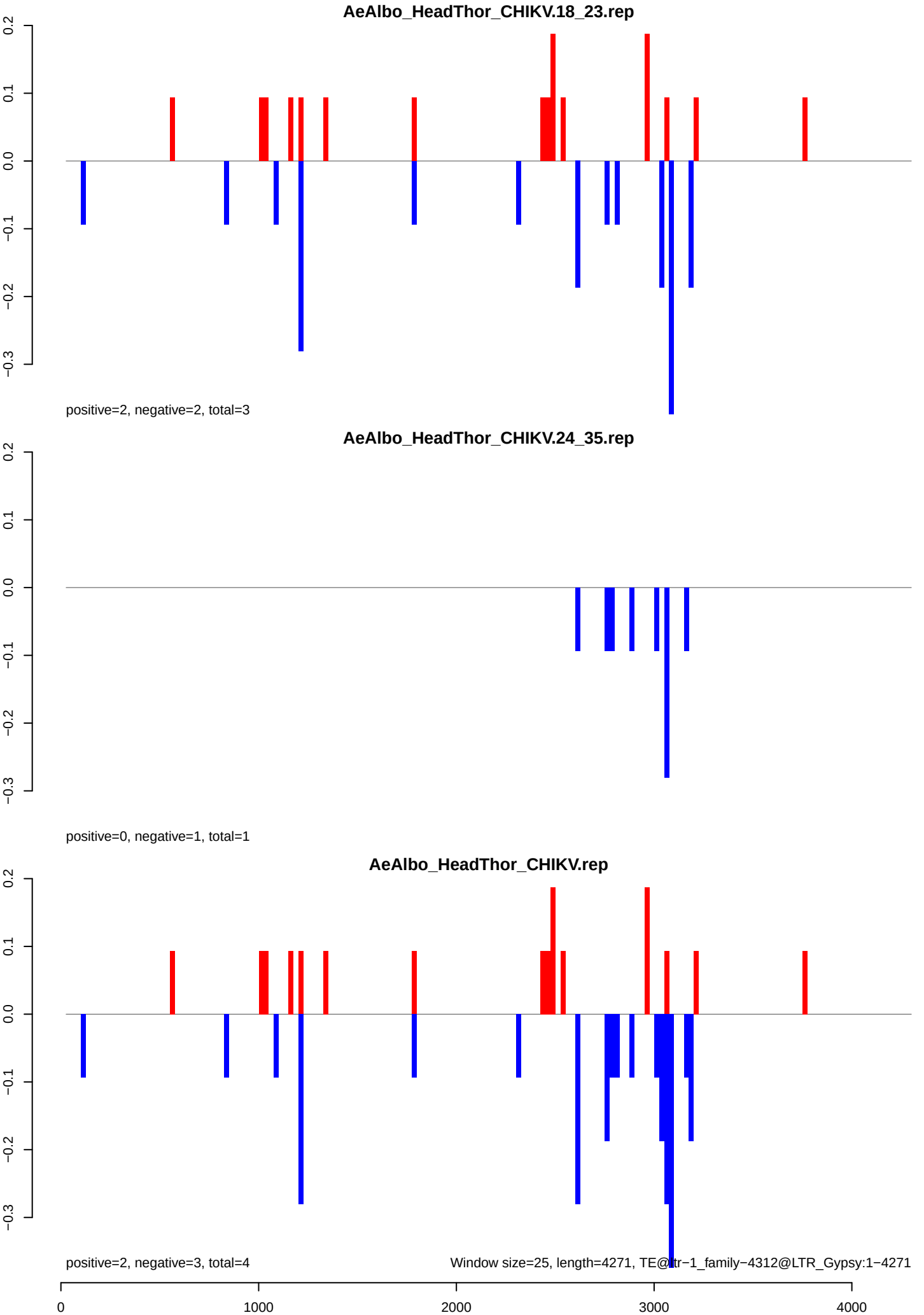

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=3, negative=2, total=5
Window size=25, length=6151, TE@ltr−1_family−4402@LTR_Gypsy:1−6151
0
1000
2000
3000
4000
5000
6000

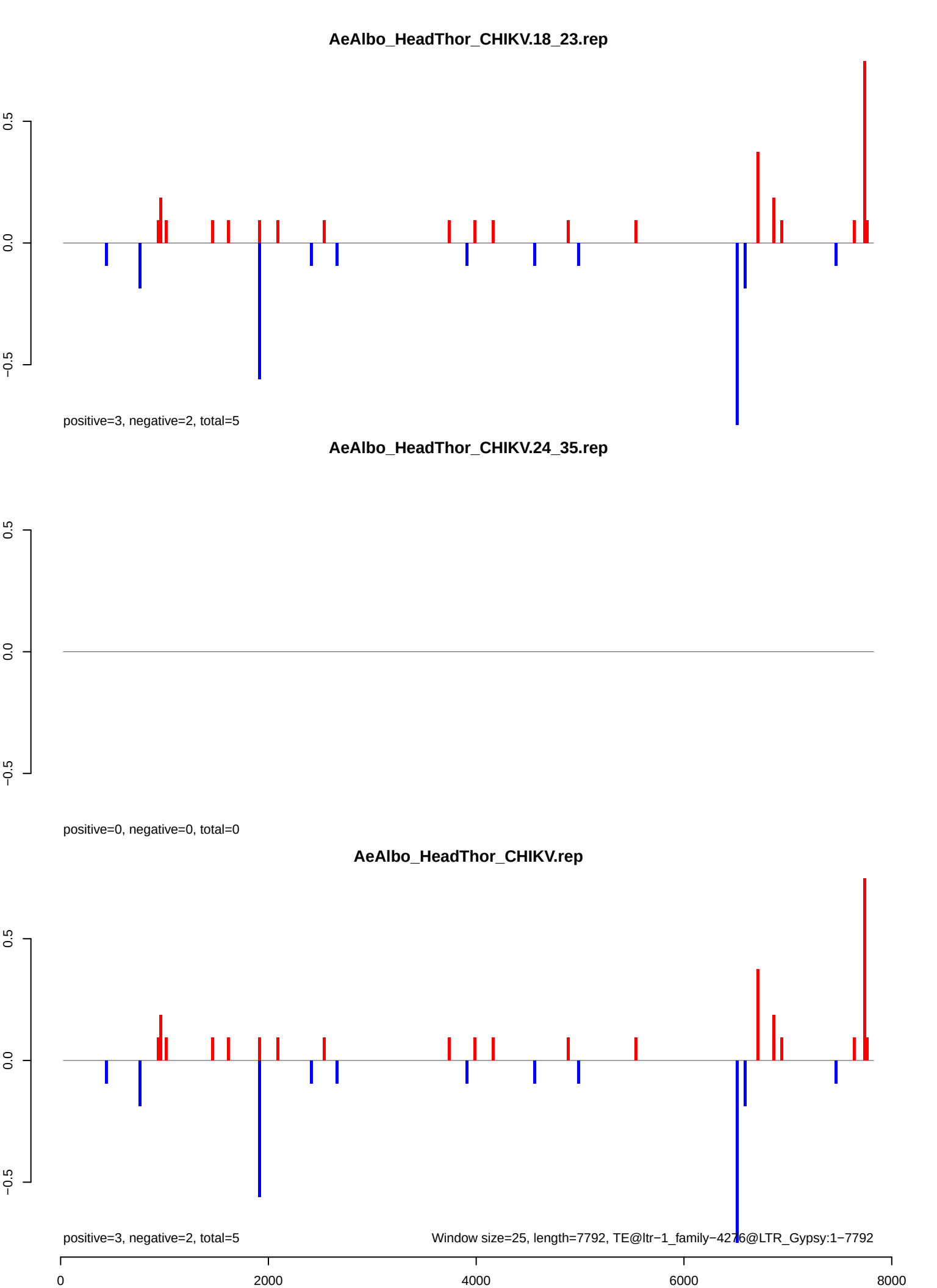

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=5, negative=1, total=6

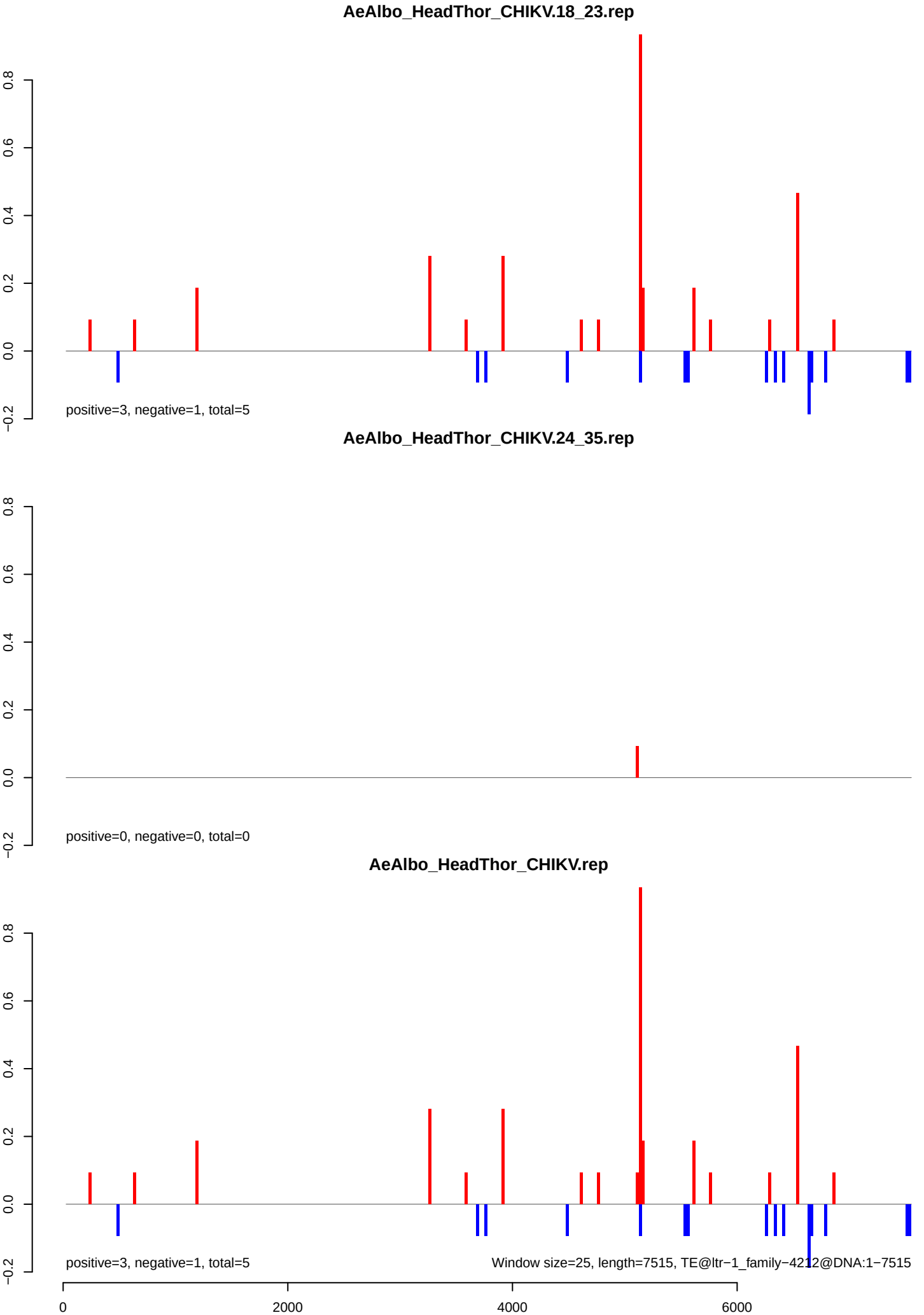

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0

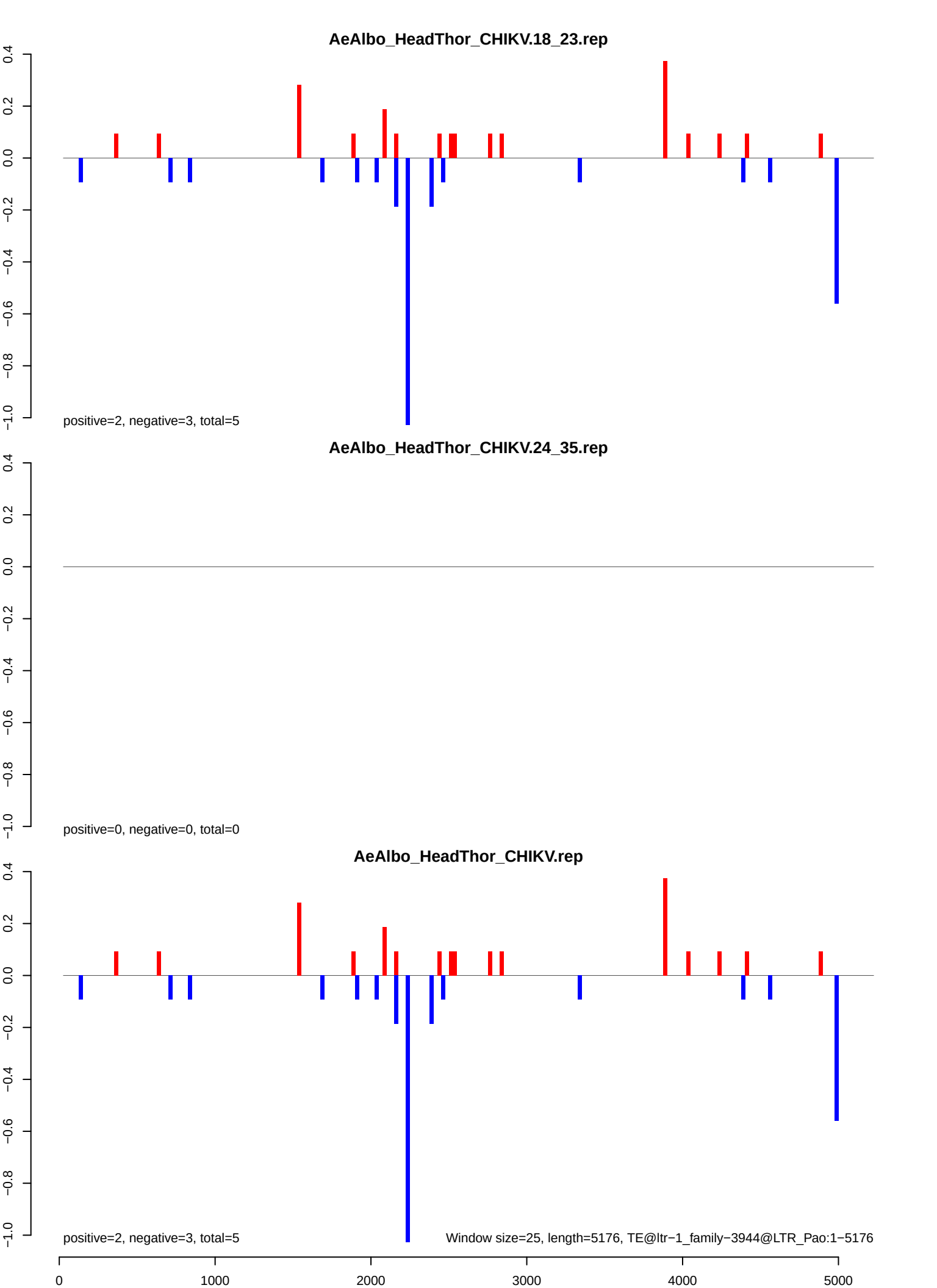

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=5, negative=1, total=6
Window size=25, length=7461, TE@ltr−1_family−4395@LTR_Gypsy:1−7461
0
2000
4000
6000

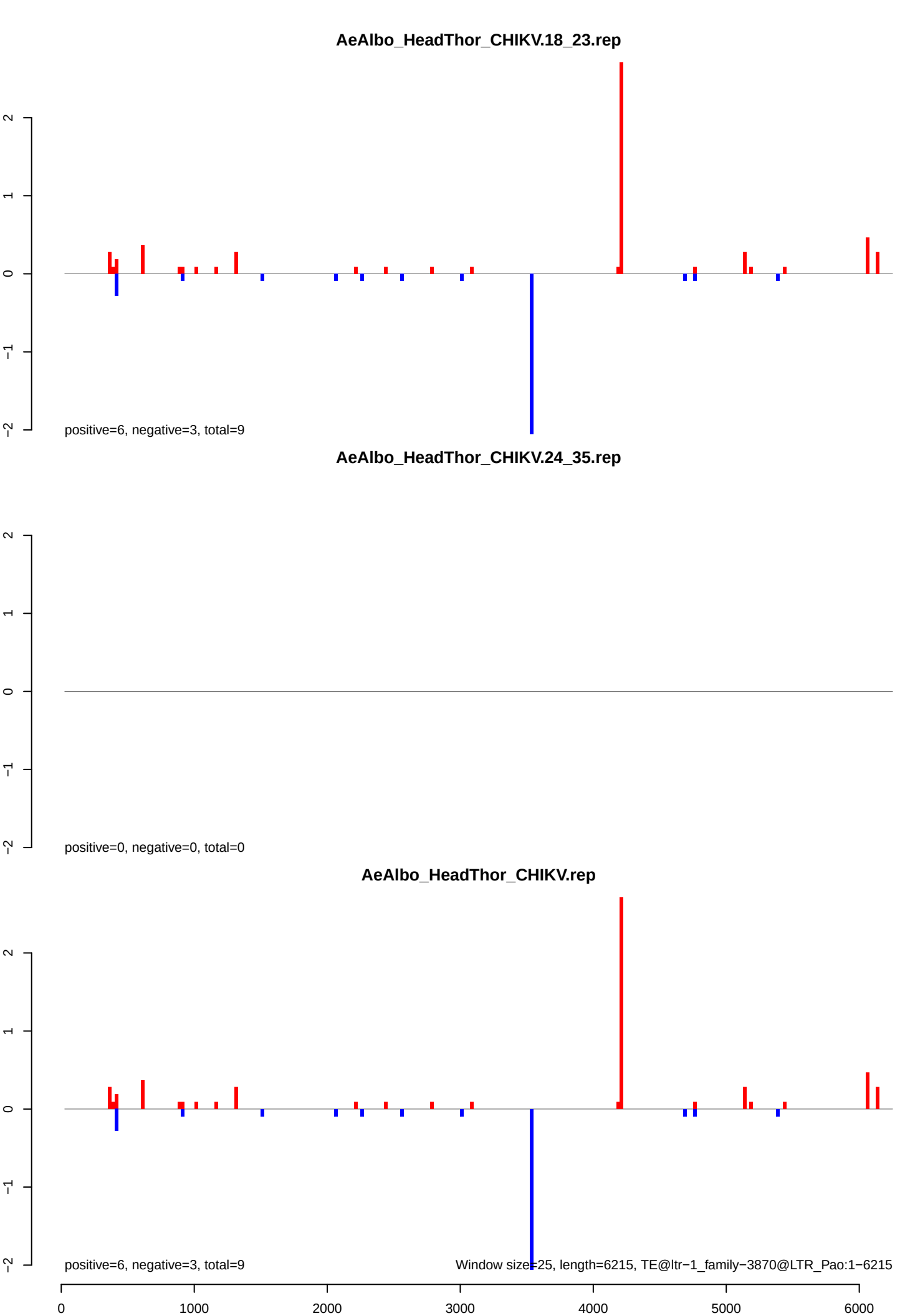

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=1, total=6
Window size=25, length=4051, TE@ltr−1_family−4348@LTR_Copia:1−4051
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
1000
2000
3000
4000

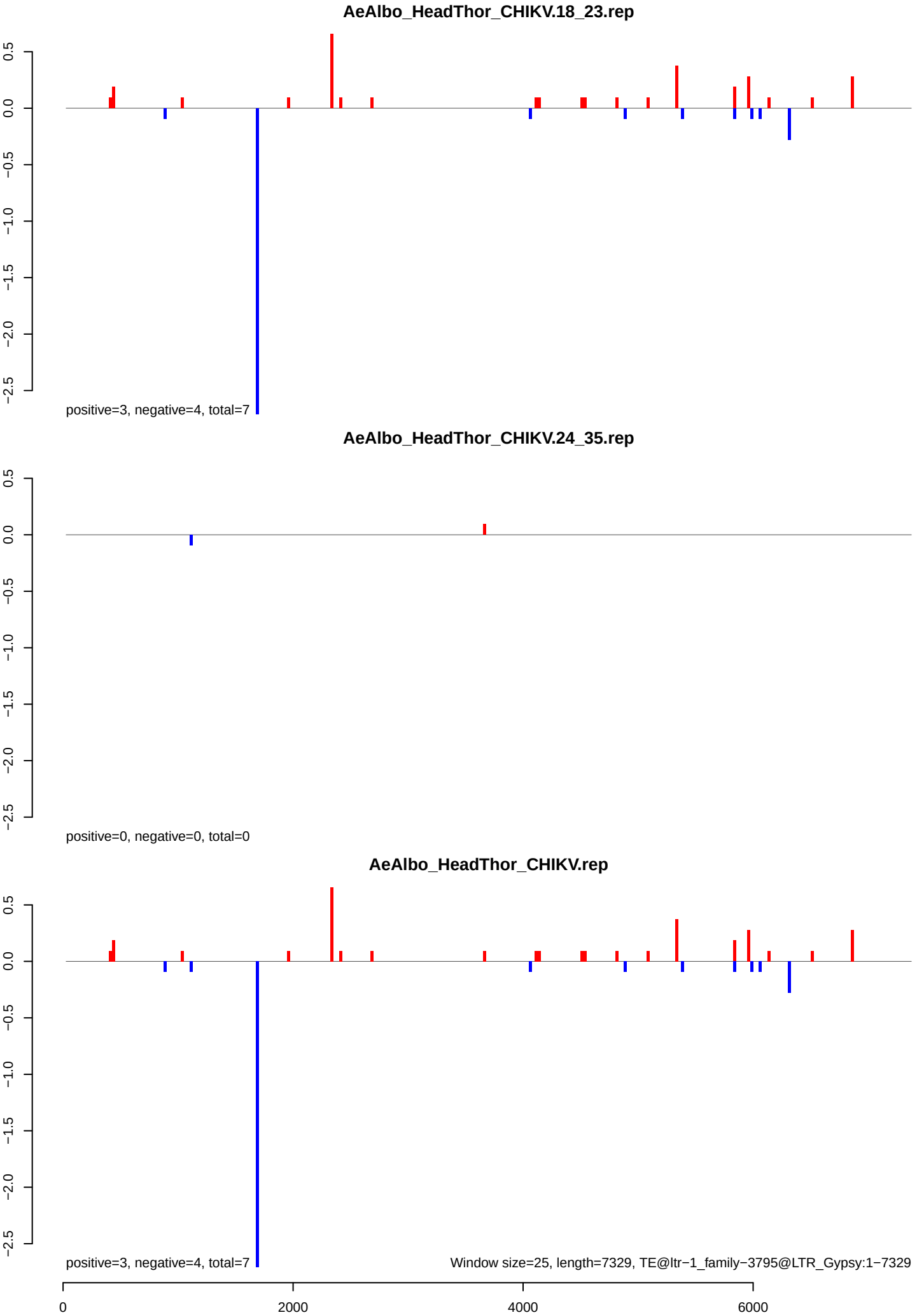

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=2, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=2, negative=3, total=4
Window size=25, length=4271, TE@ltr−1_family−4312@LTR_Gypsy:1−4271
0
1000
2000
3000
4000

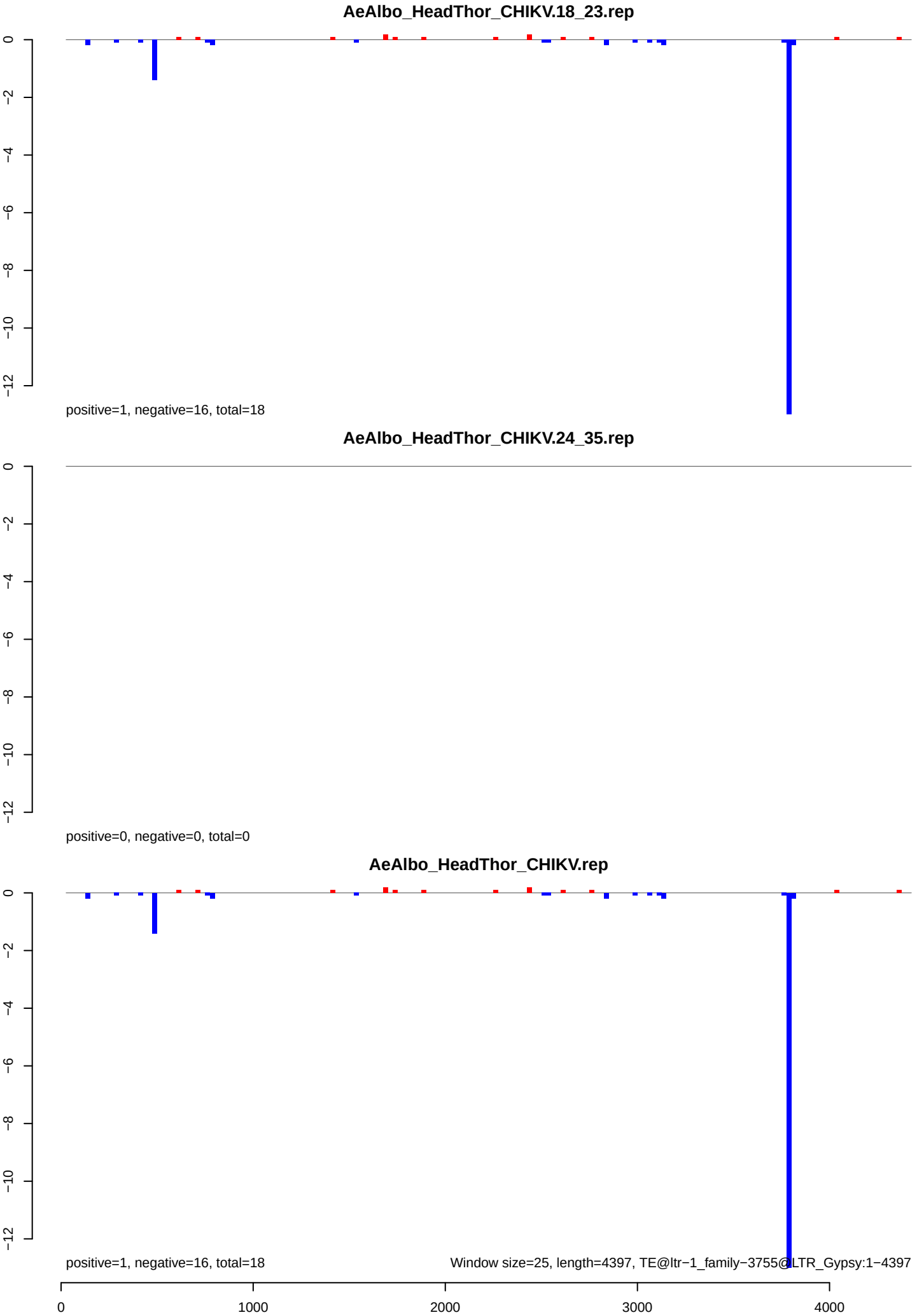

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=3, negative=2, total=5
Window size=25, length=7792, TE@ltr−1_family−4276@LTR_Gypsy:1−7792
0
2000
4000
6000
8000

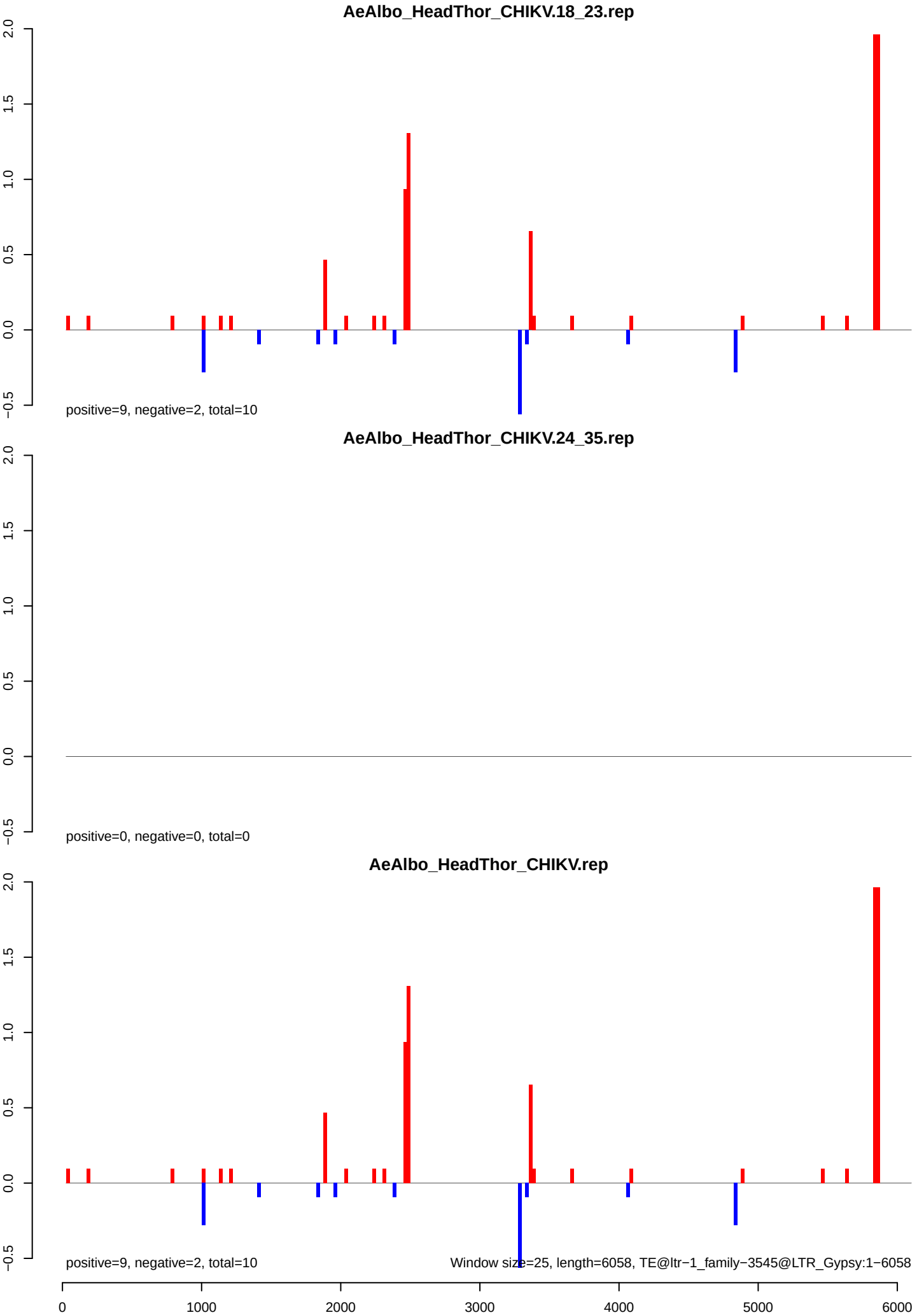

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=5
Window size=25, length=7515, TE@ltr−1_family−4212@DNA:1−7515
0
2000
4000
6000

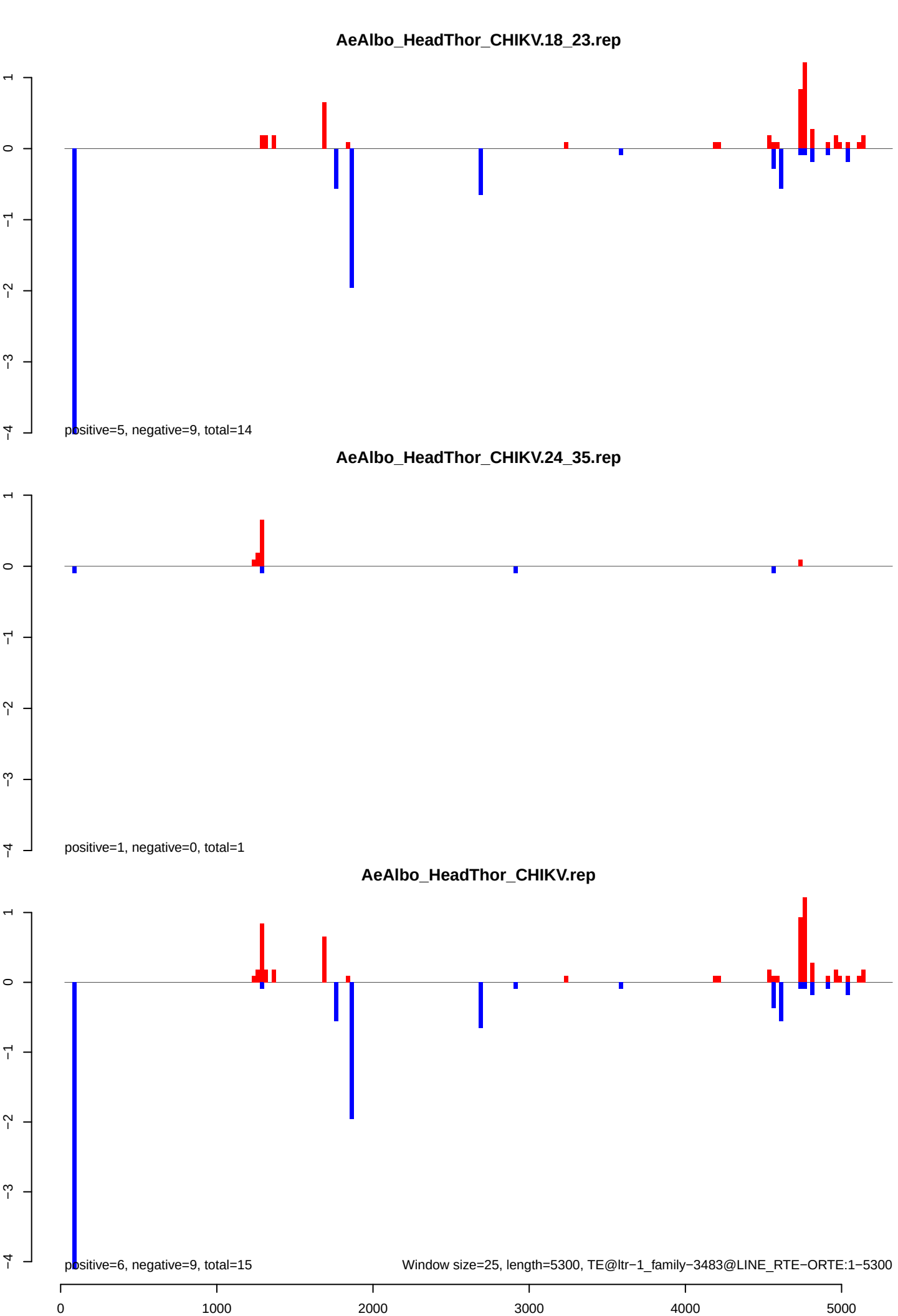

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=3, total=5
Window size=25, length=5176, TE@ltr−1_family−3944@LTR_Pao:1−5176
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
1000
2000
3000
4000
5000

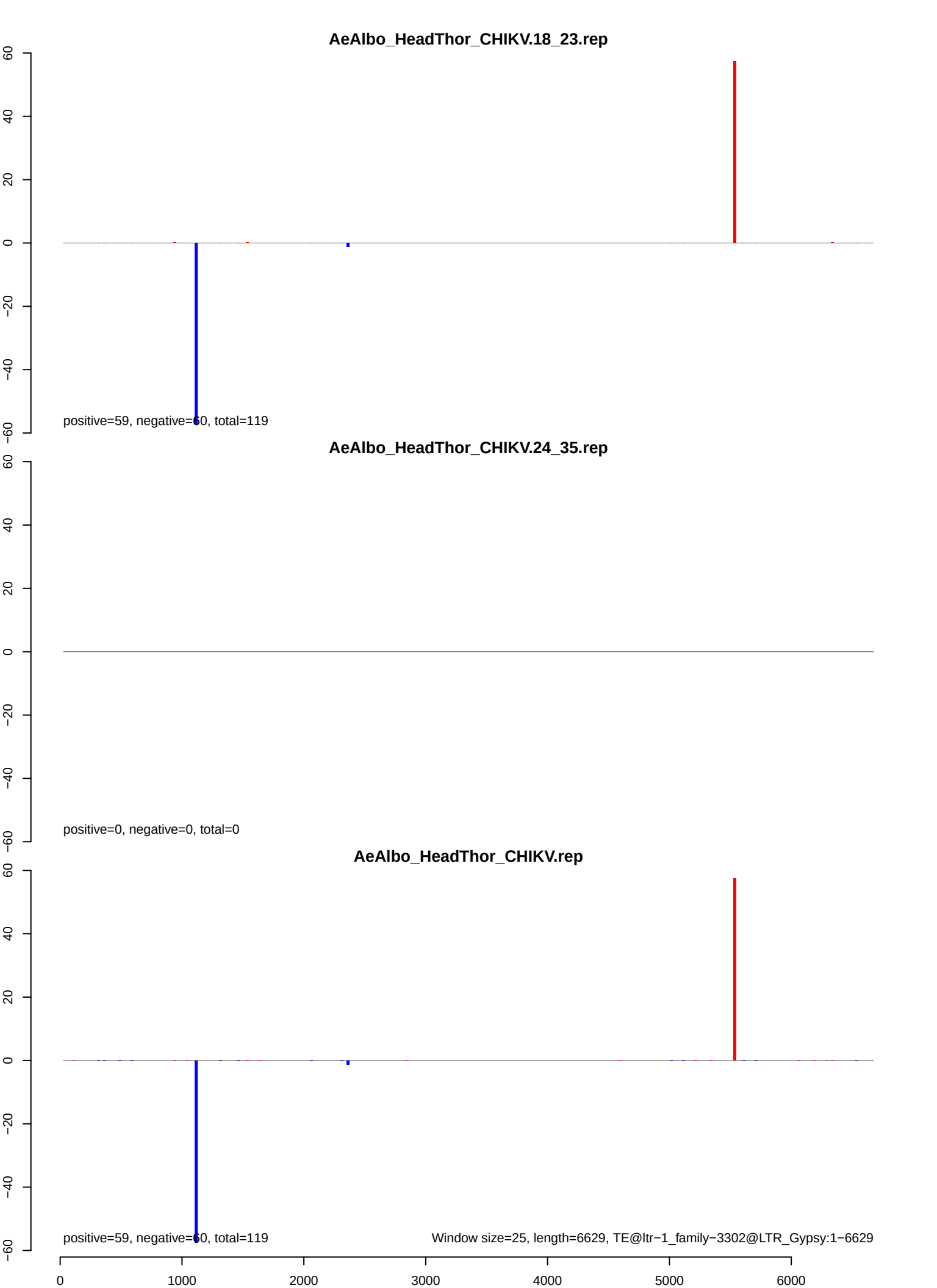

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=3, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=3, total=9
Window size=25, length=6215, TE@ltr−1_family−3870@LTR_Pao:1−6215
0
1000
2000
3000
4000
5000
6000

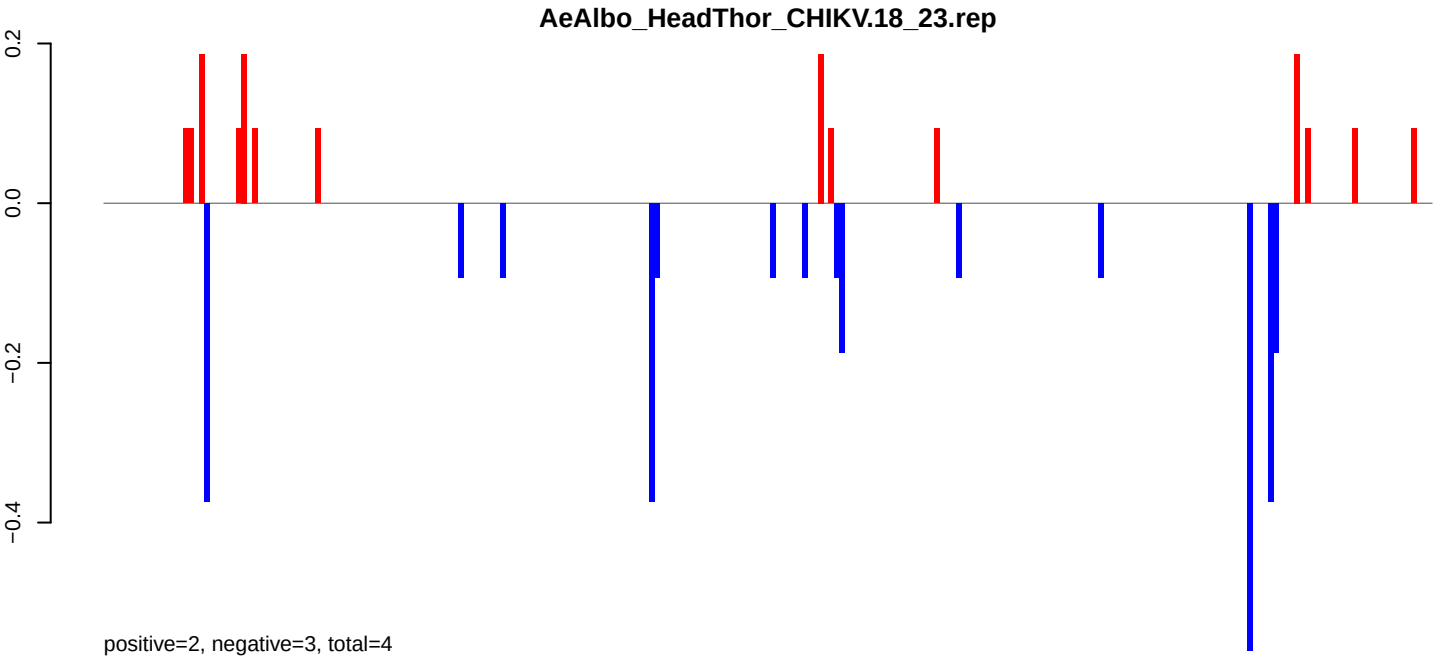

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=4, total=7
Window size=25, length=7329, TE@ltr−1_family−3795@LTR_Gypsy:1−7329
0
2000
4000
6000

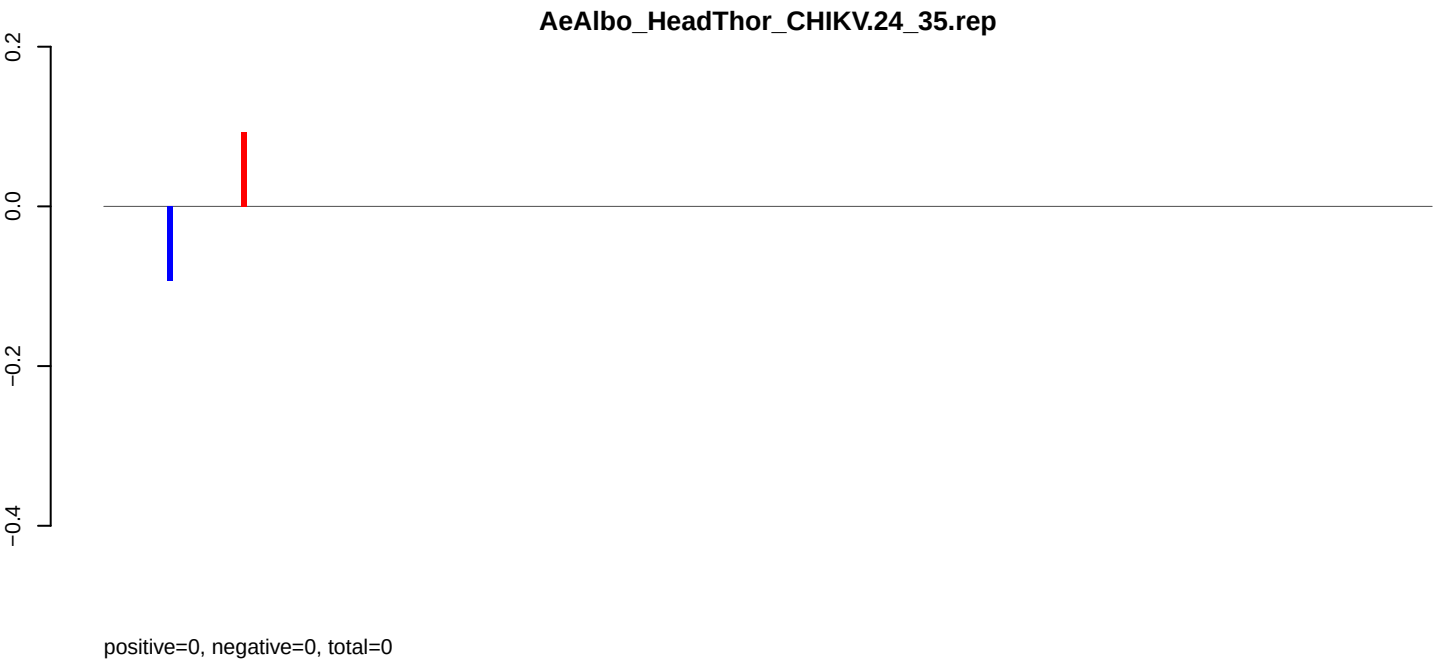

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=16, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=16, total=18
Window size=25, length=4397, TE@ltr−1_family−3755@LTR_Gypsy:1−4397
0
1000
2000
3000
4000

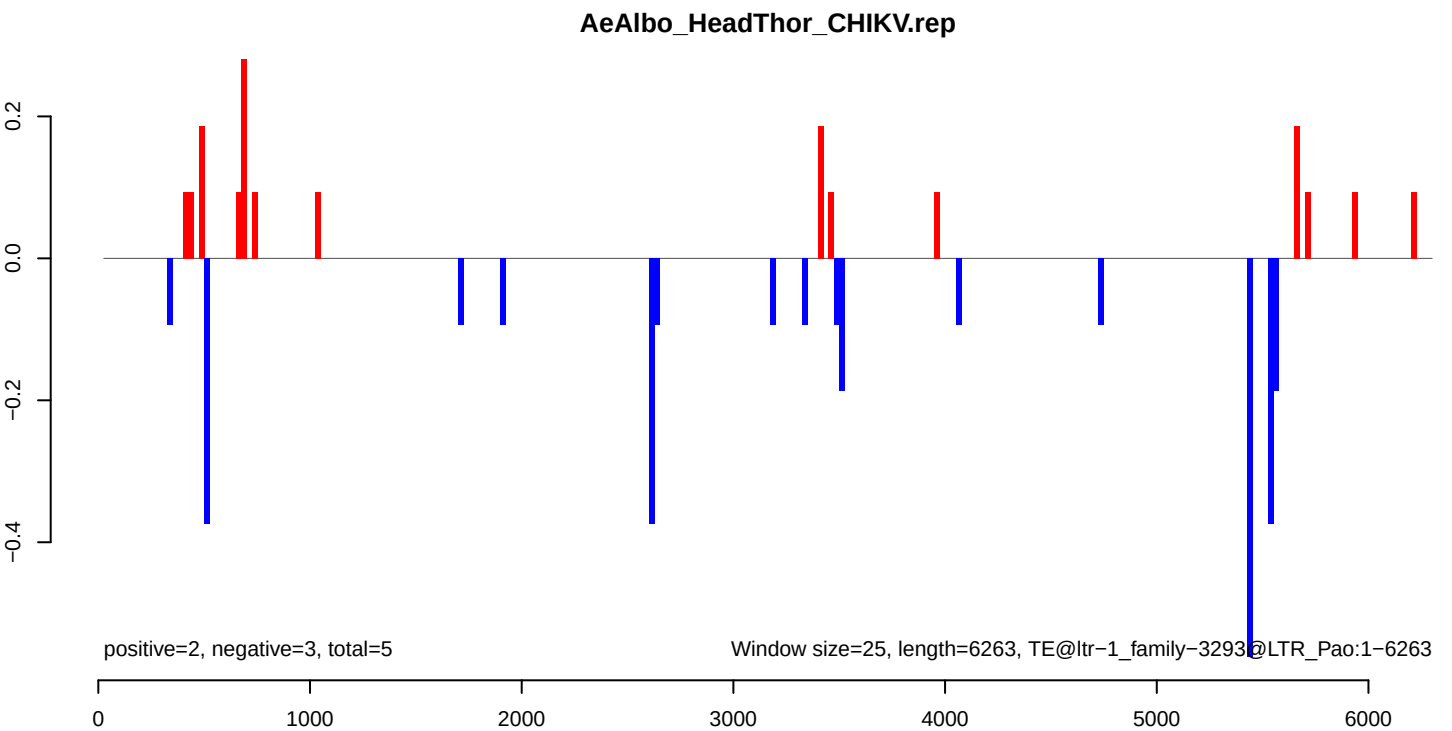

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=2, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=2, total=10
Window size=25, length=6058, TE@ltr−1_family−3545@LTR_Gypsy:1−6058
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000
5000
6000

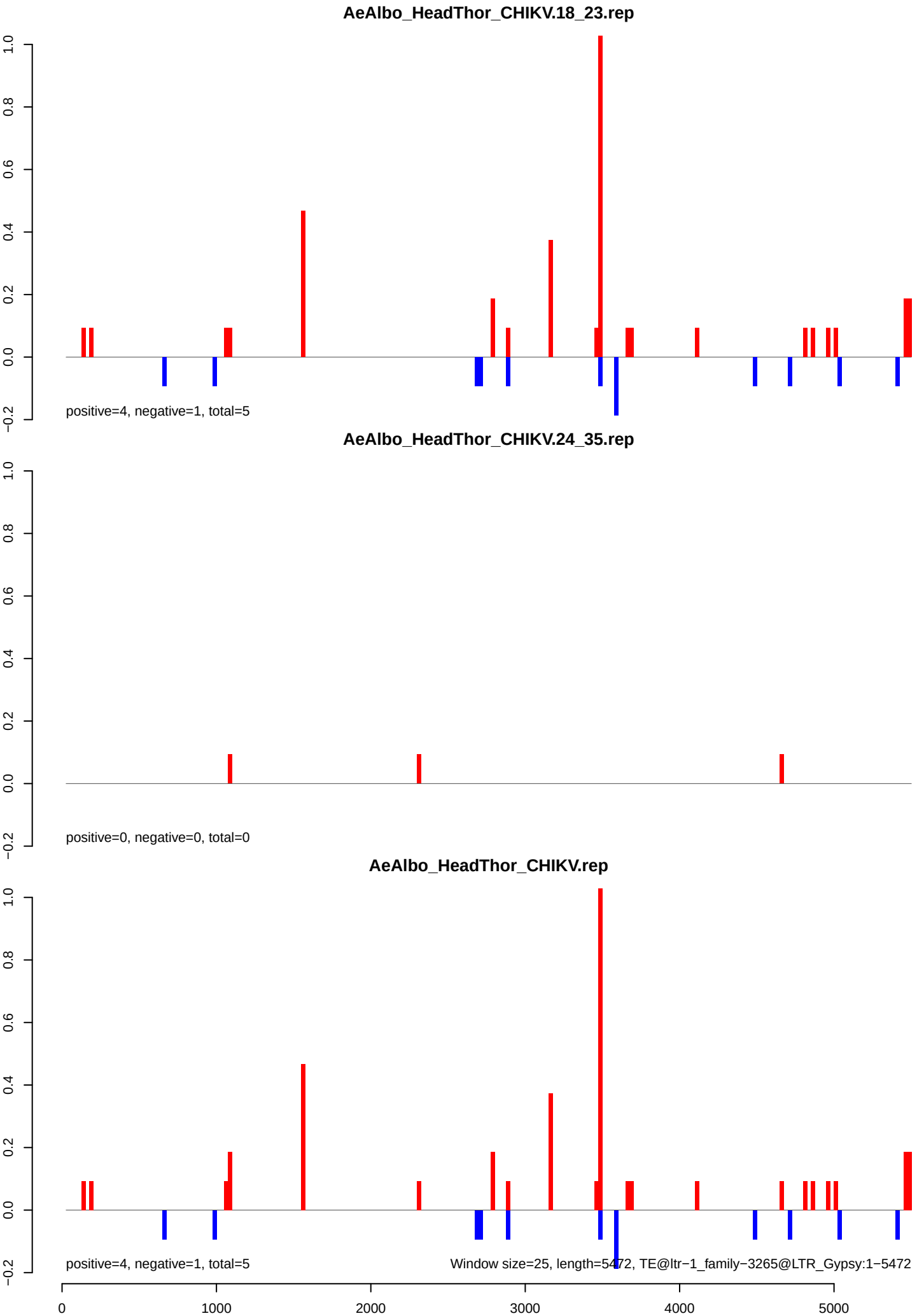

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=9, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=9, total=15
Window size=25, length=5300, TE@ltr−1_family−3483@LINE_RTE−ORTE:1−5300
1
0
−1
−2
−3
−4
0
1000
2000
3000
4000
5000

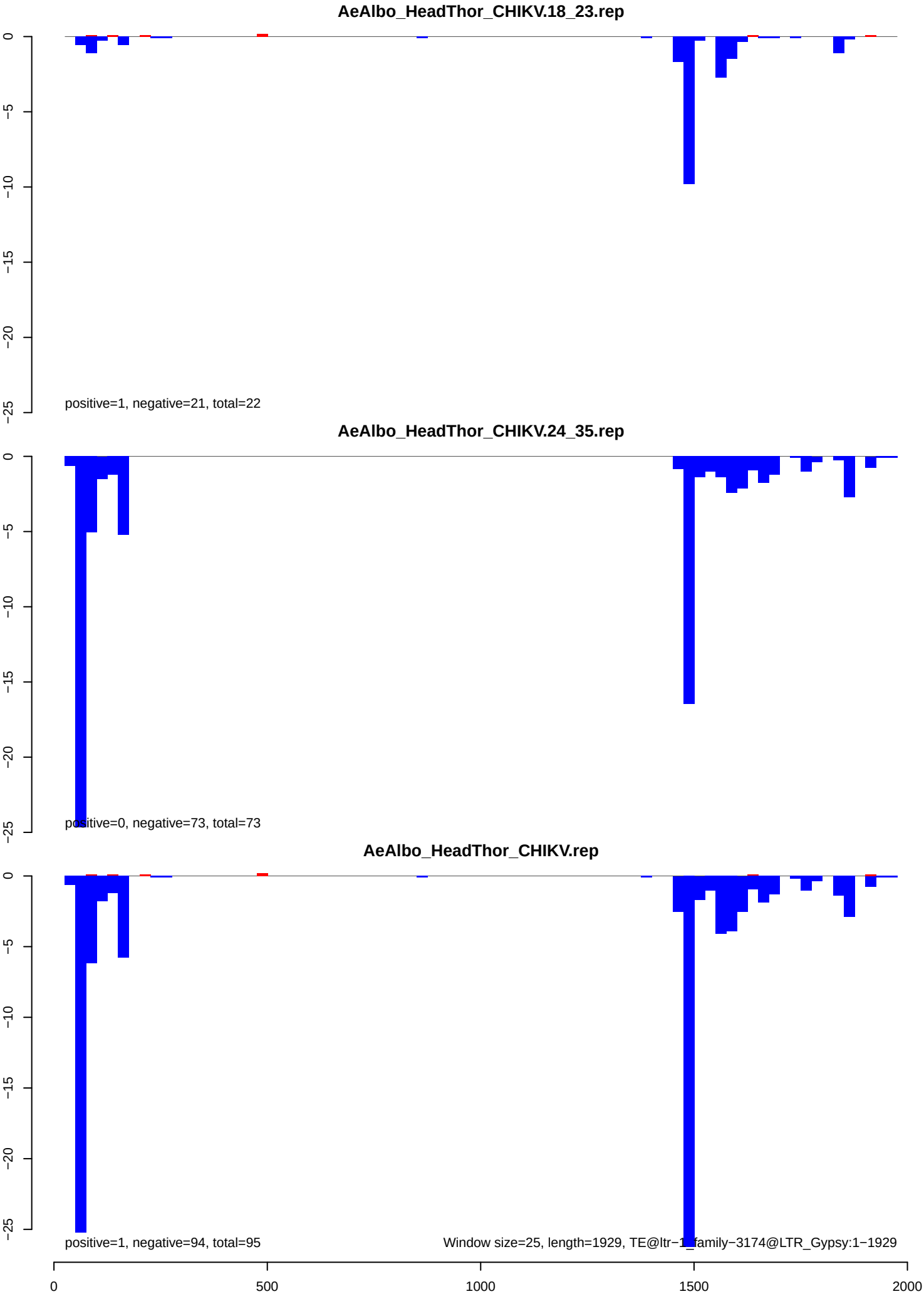

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=59, negative=60, total=119
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=59, negative=60, total=119
Window size=25, length=6629, TE@ltr−1_family−3302@LTR_Gypsy:1−6629
60
40
20
0
−20
−40
−60
0
1000
2000
3000
4000
5000
6000

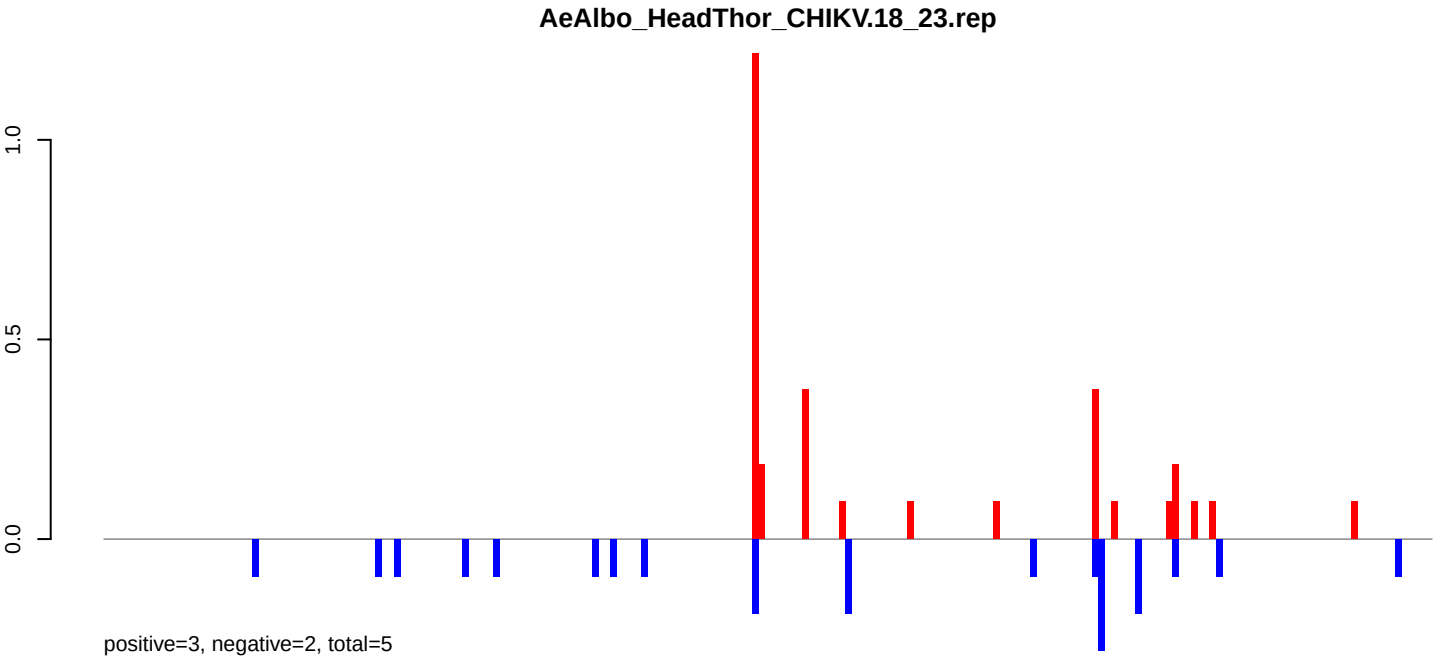

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=3, total=4

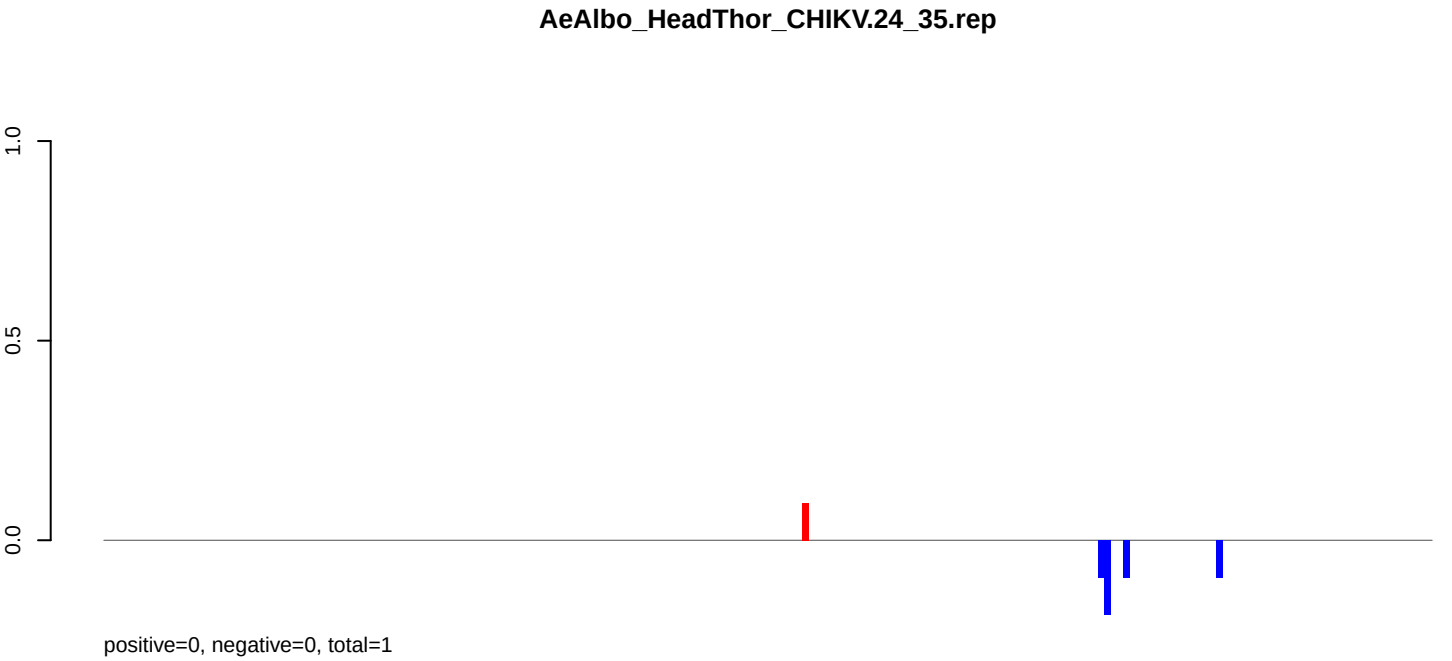

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

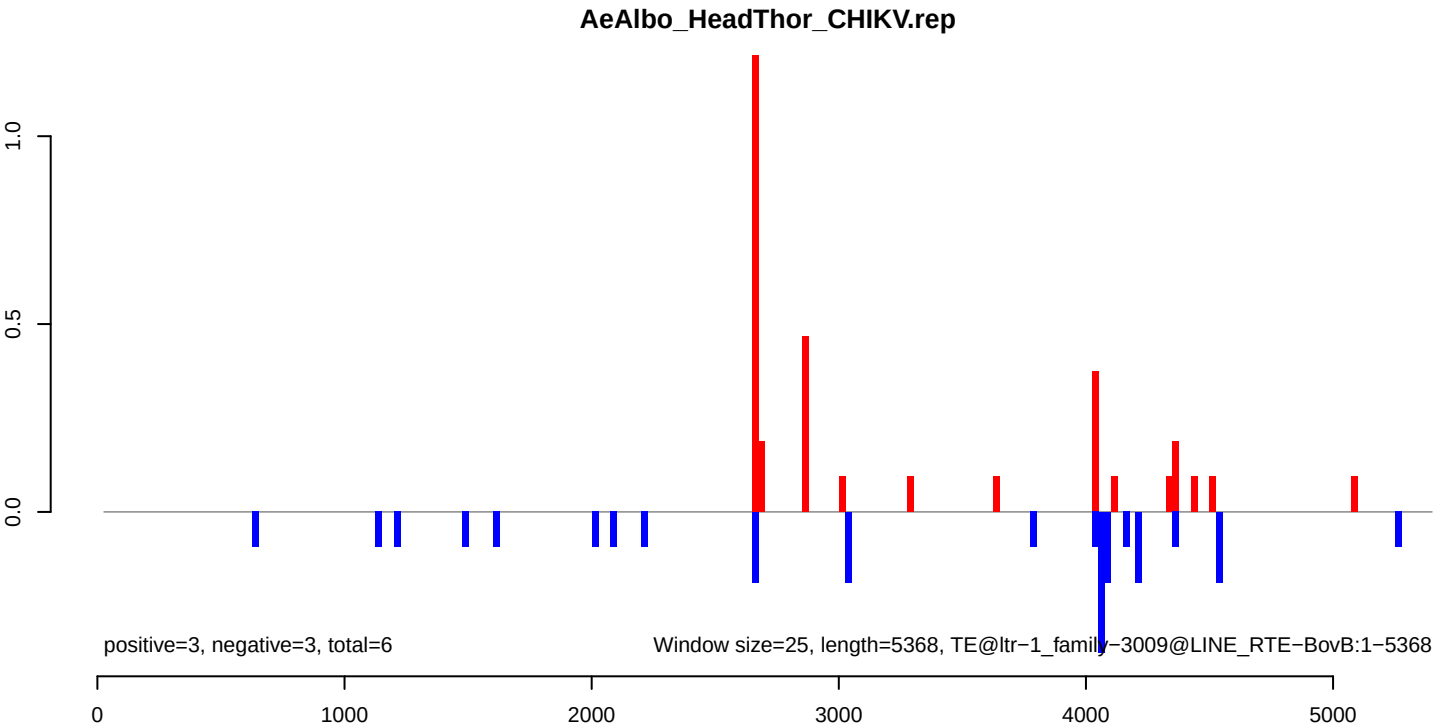

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=3, total=5
Window size=25, length=6263, TE@ltr−1_family−3293@LTR_Pao:1−6263
0
1000
2000
3000
4000
5000
6000

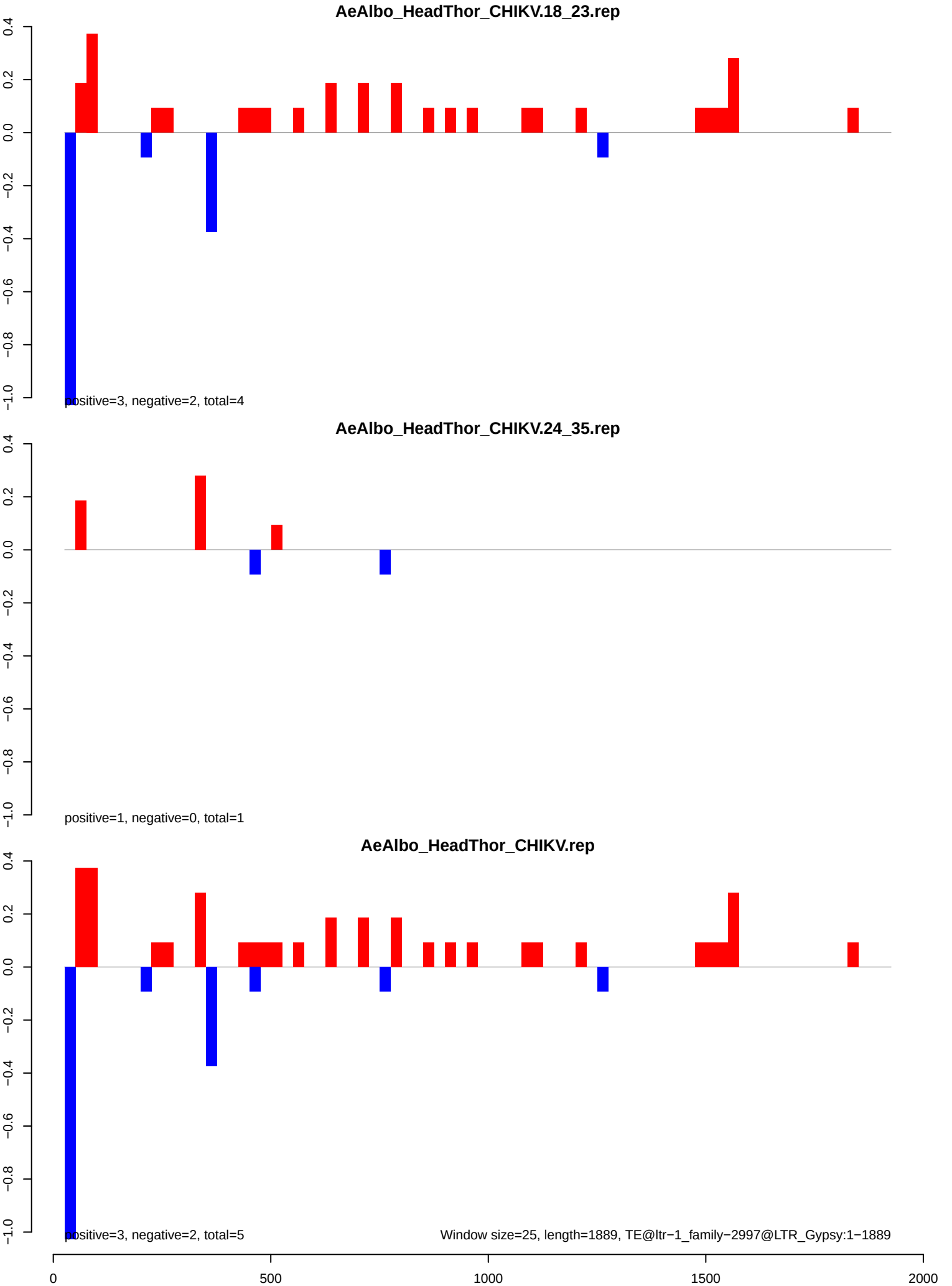

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=1, total=5
Window size=25, length=5472, TE@ltr−1_family−3265@LTR_Gypsy:1−5472
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
1000
2000
3000
4000
5000

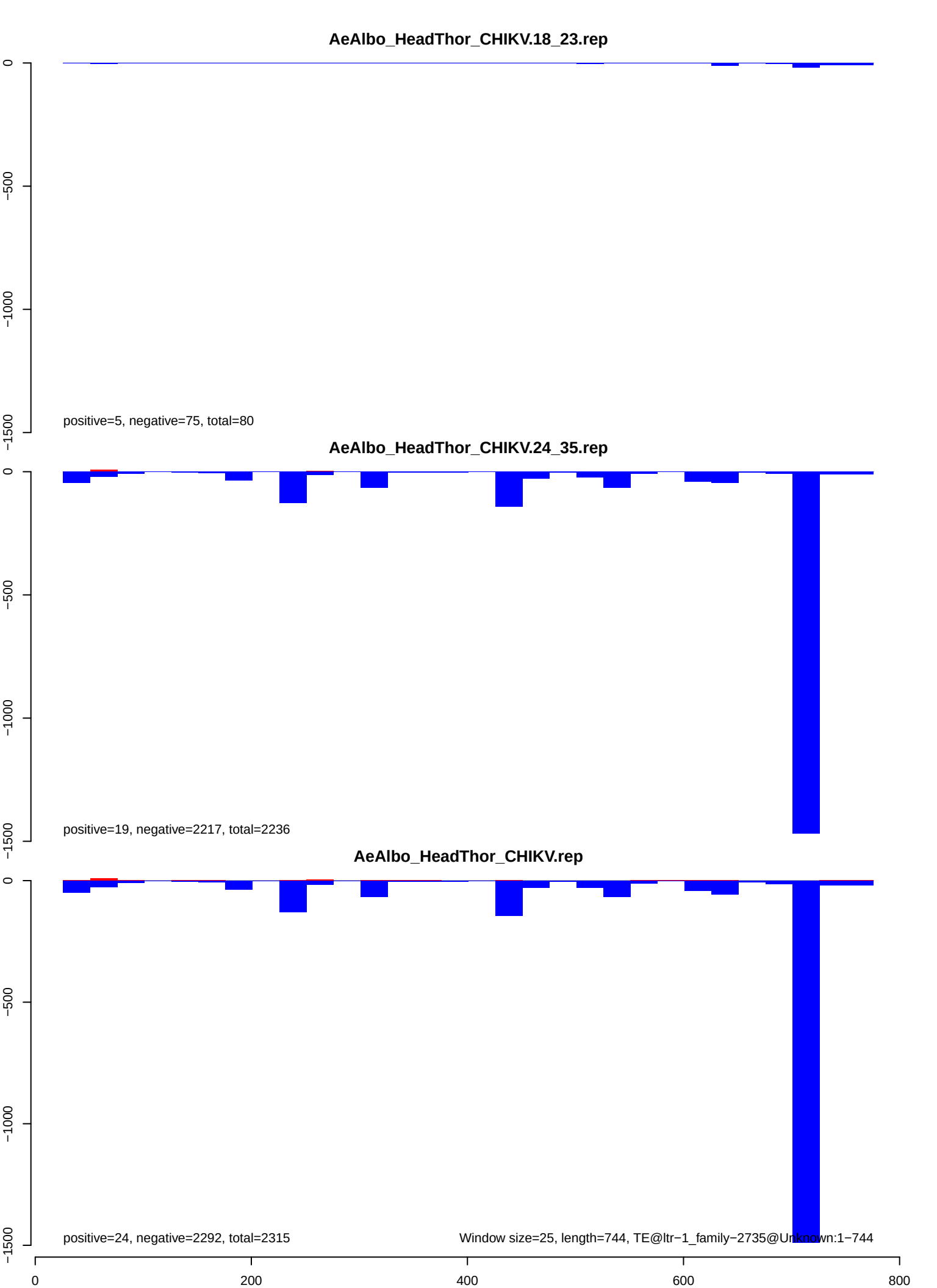

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=1, negative=21, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=73, total=73
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=1, negative=94, total=95
Window size=25, length=1929, TE@ltr−1_family−3174@LTR_Gypsy:1−1929
0
500
1000
1500
2000

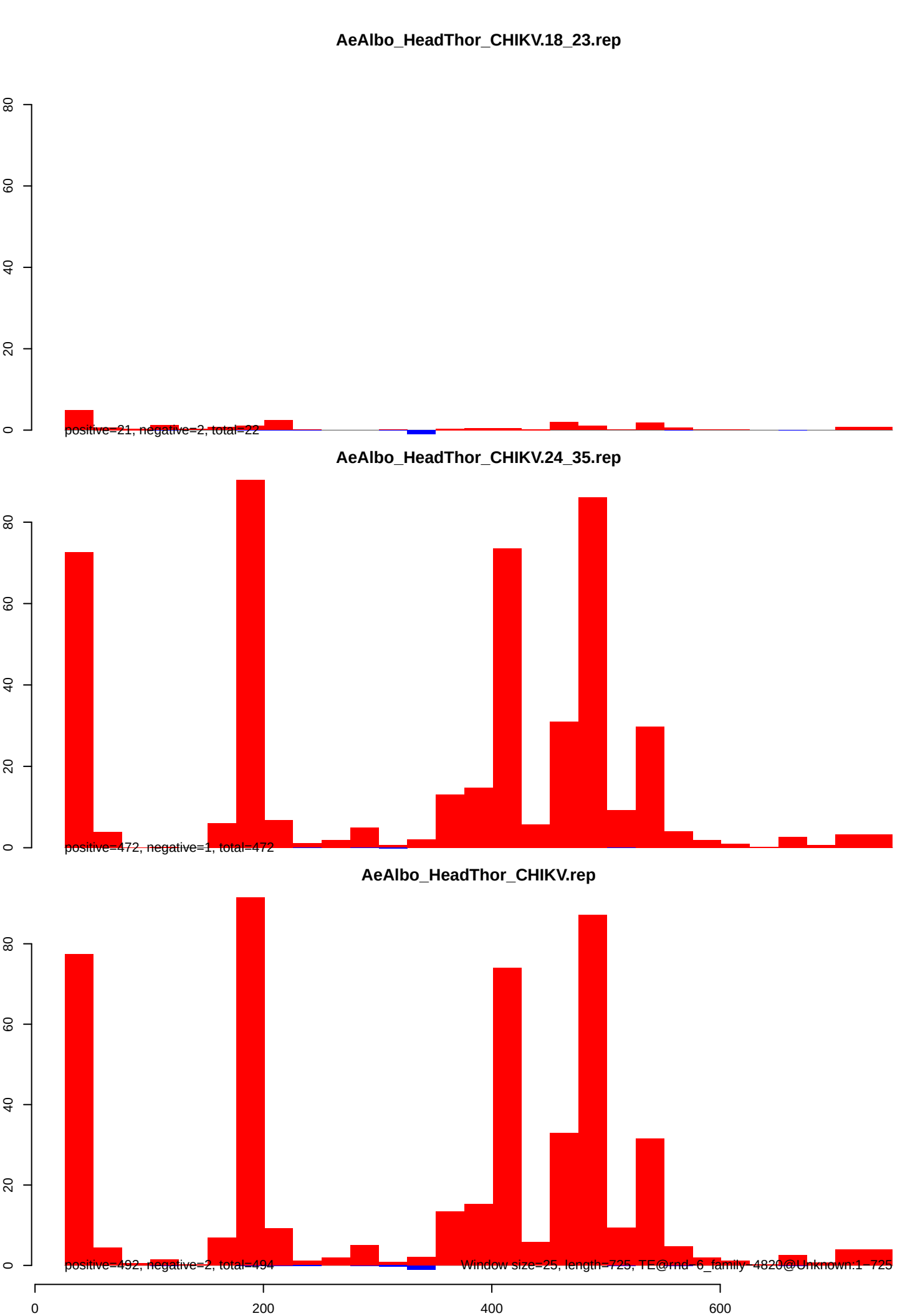

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=2, total=5

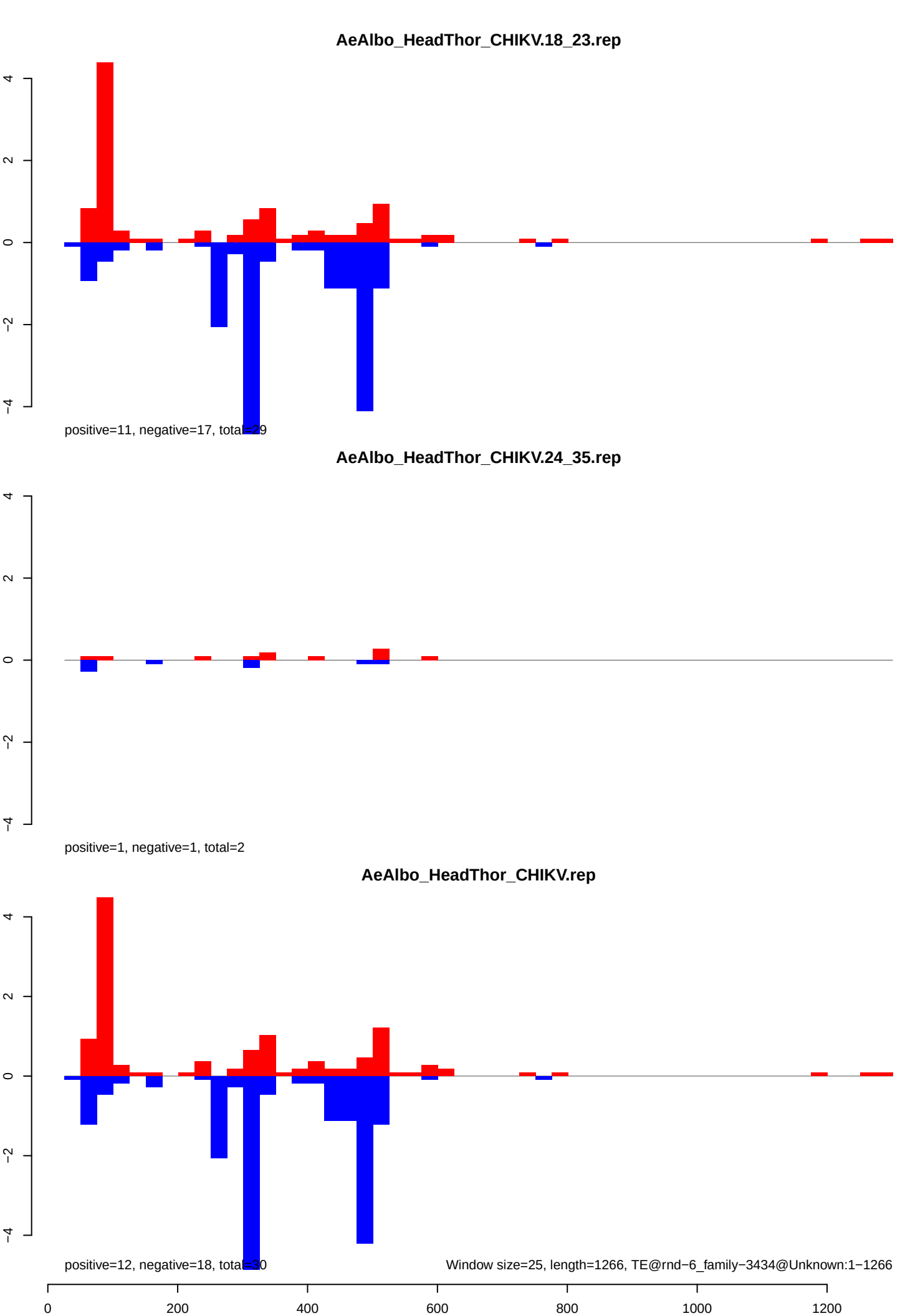

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=1

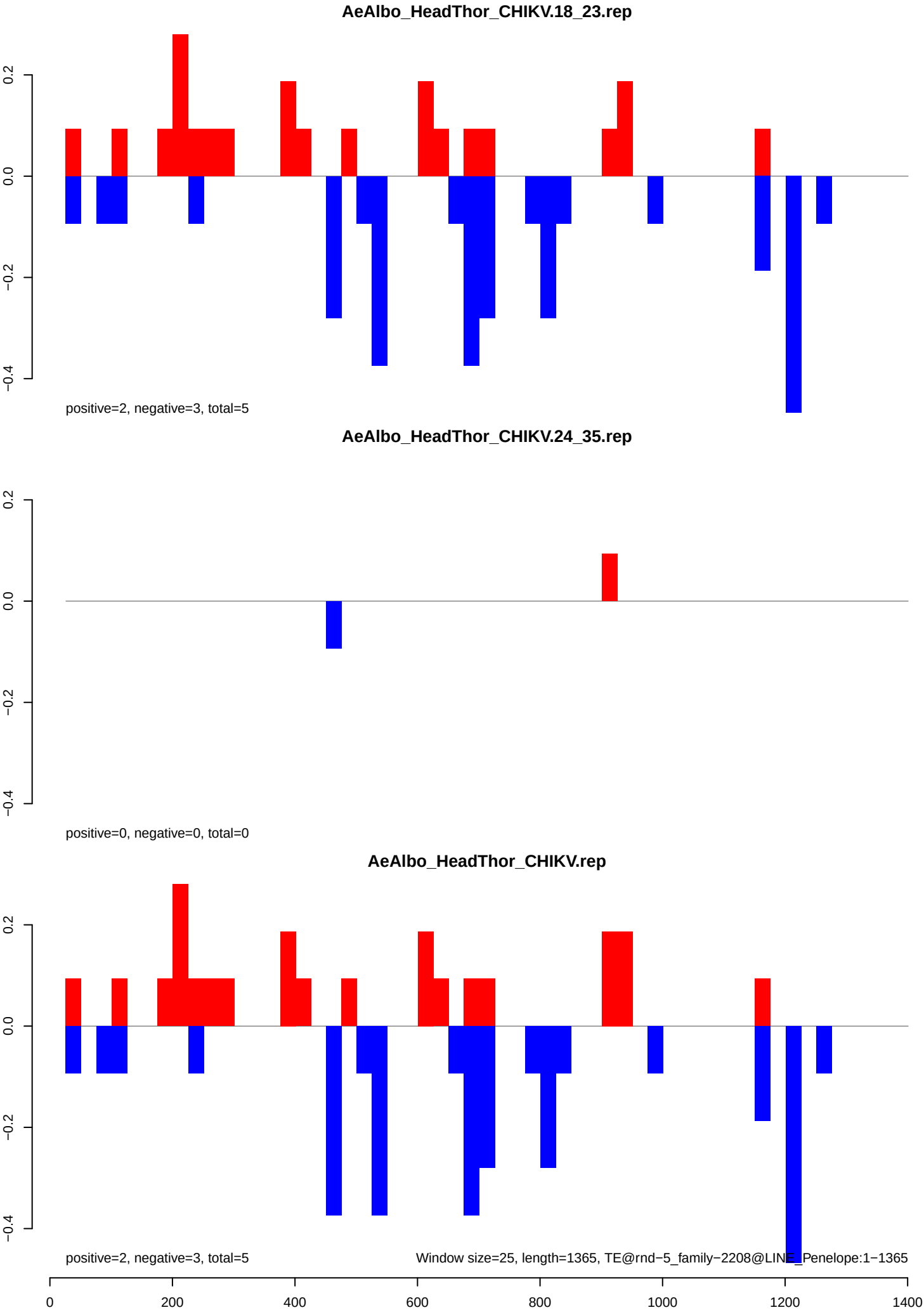

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=3, negative=3, total=6
Window size=25, length=5368, TE@ltr−1_family−3009@LINE_RTE−BovB:1−5368
0
1000
2000
3000
4000
5000

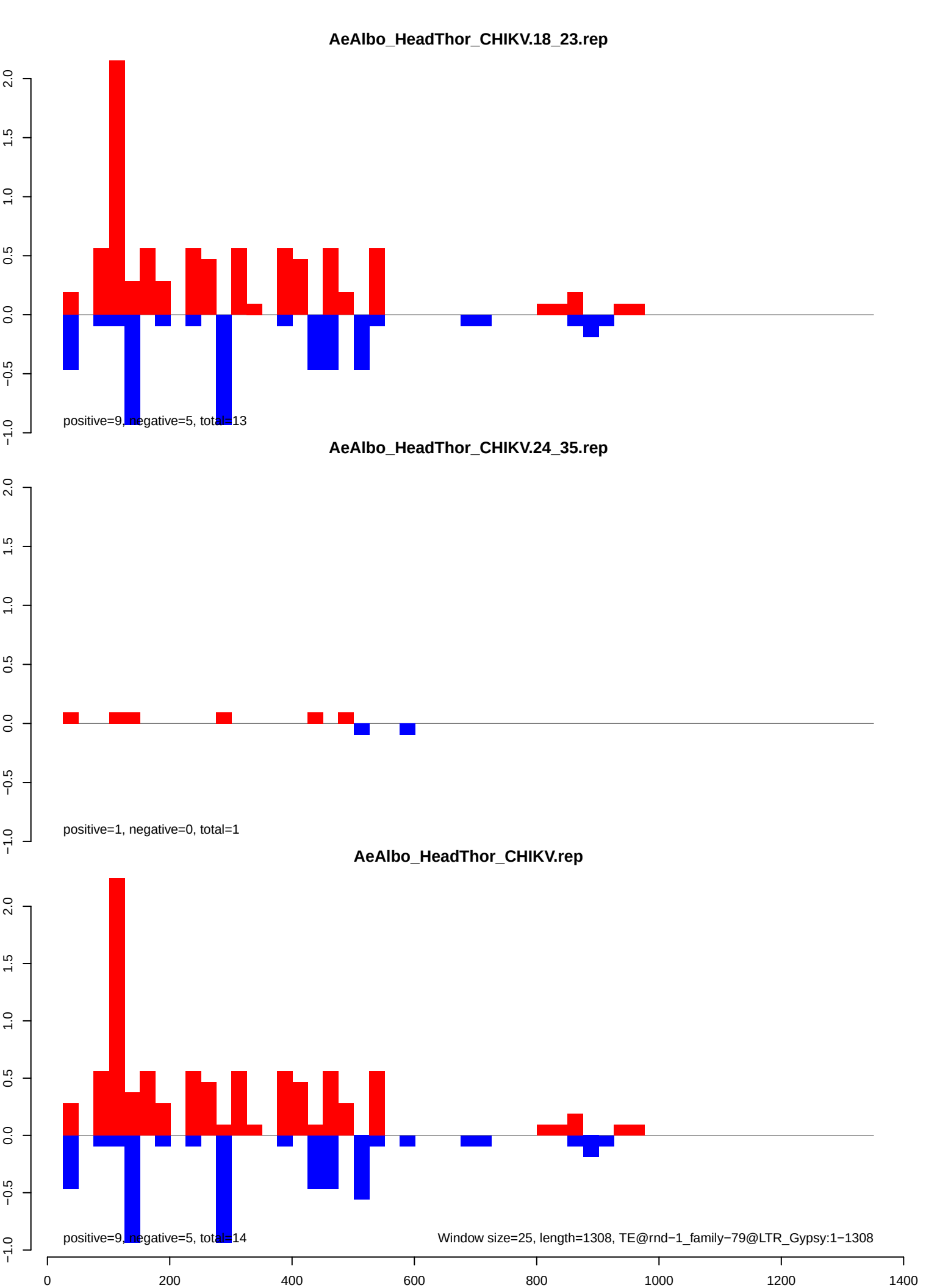

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=1889, TE@ltr−1_family−2997@LTR_Gypsy:1−1889
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
500
1000
1500
2000

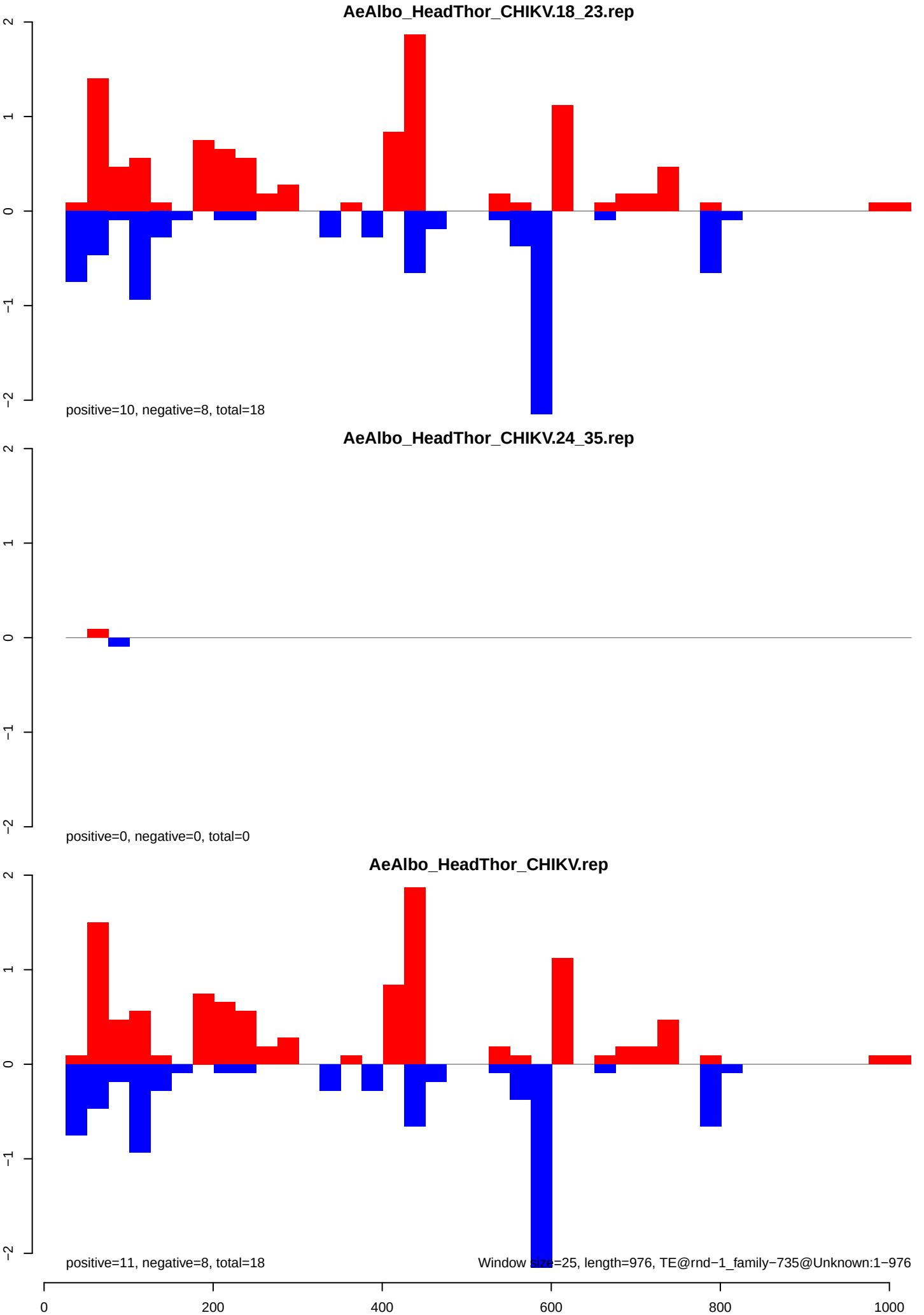

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−500
−1000
−1500
positive=5, negative=75, total=80
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−500
−1000
−1500
positive=19, negative=2217, total=2236
AeAlbo_HeadThor_CHIKV.rep
0
−500
−1000
−1500
positive=24, negative=2292, total=2315
Window size=25, length=744, TE@ltr−1_family−2735@Unknown:1−744
0
200
400
600
800

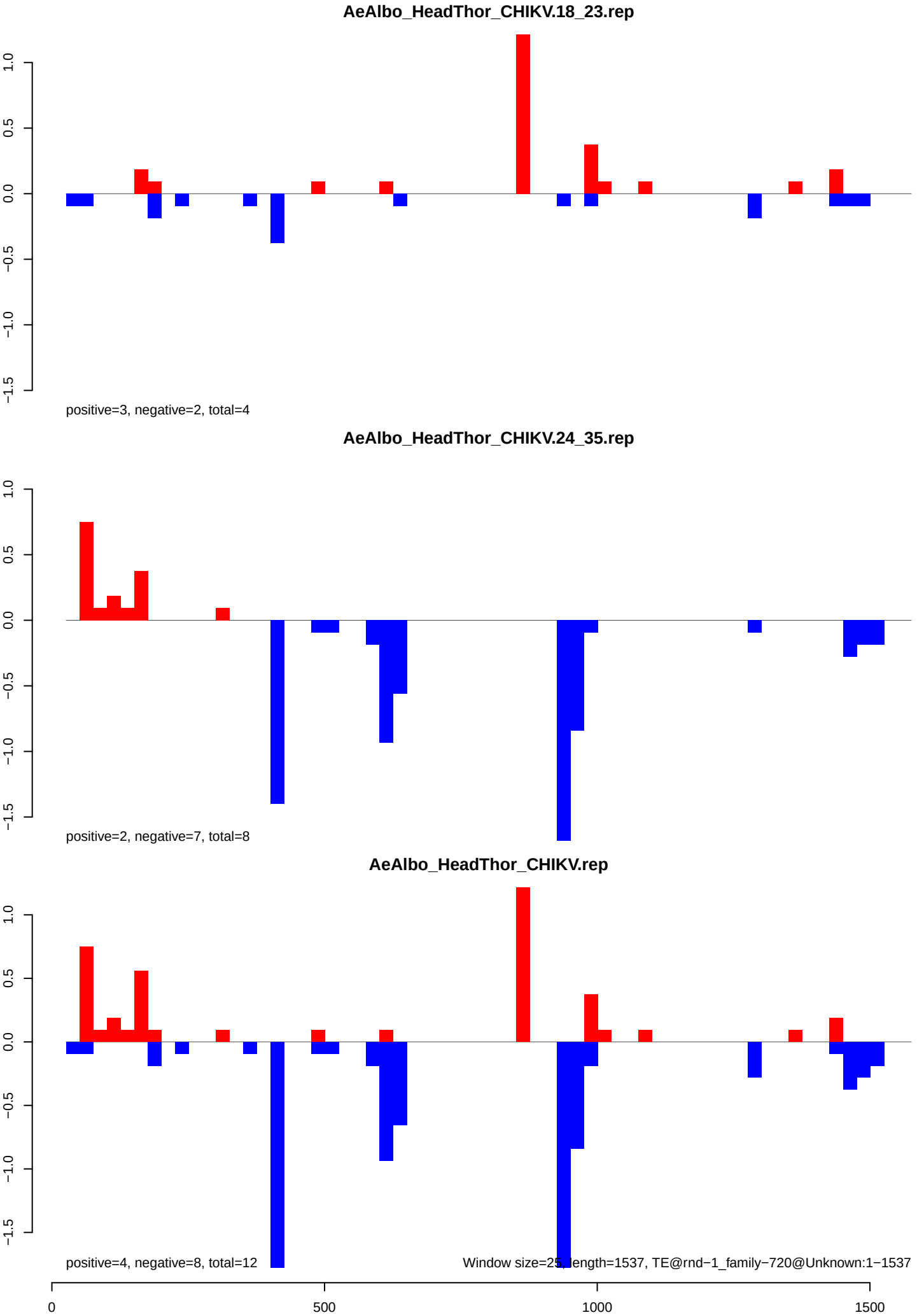

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=21, negative=2, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=472, negative=1, total=472
AeAlbo_HeadThor_CHIKV.rep
positive=492, negative=2, total=494
Window size=25, length=725, TE@rnd-6_family-4820@Unknown:1-725
0
20
40
60
80
0
200
400
600

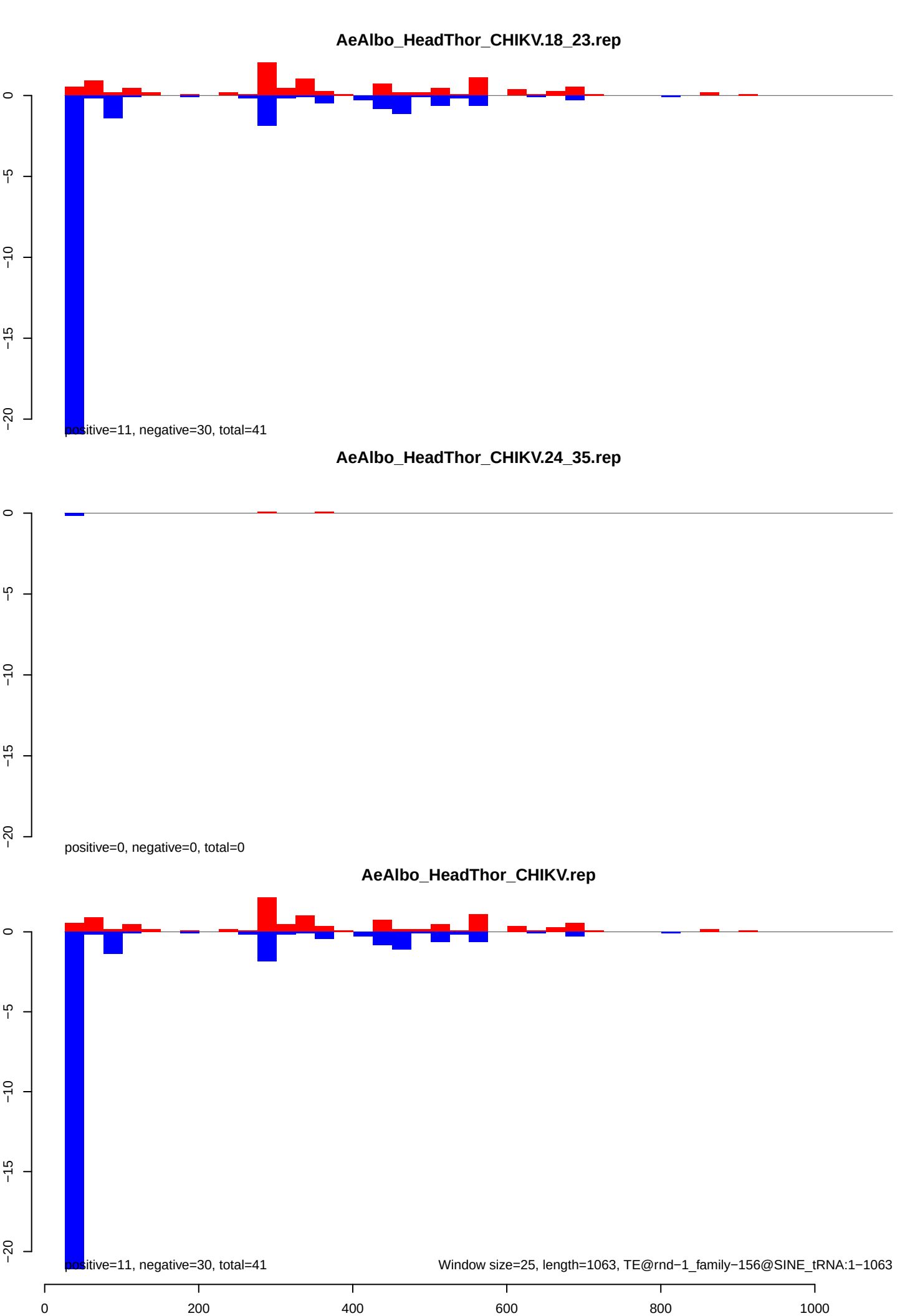

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=17, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=18, total=30
Window size=25, length=1266, TE@rnd−6_family−3434@Unknown:1−1266
4
2
0
−2
−4
0
200
400
600
800
1000
1200

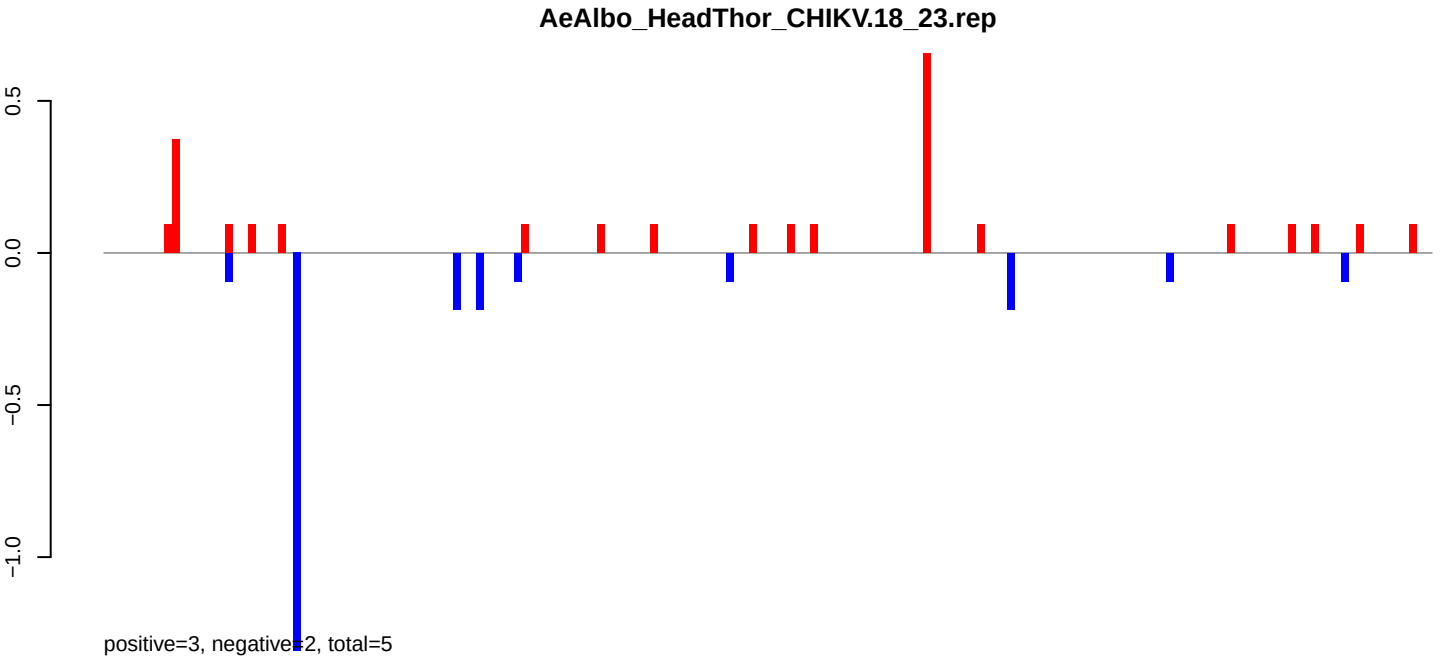

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=3, total=5
Window size=25, length=1365, TE@rnd−5_family−2208@LINE_Penelope:1−1365
0
200
400
600
800
1000
1200
1400

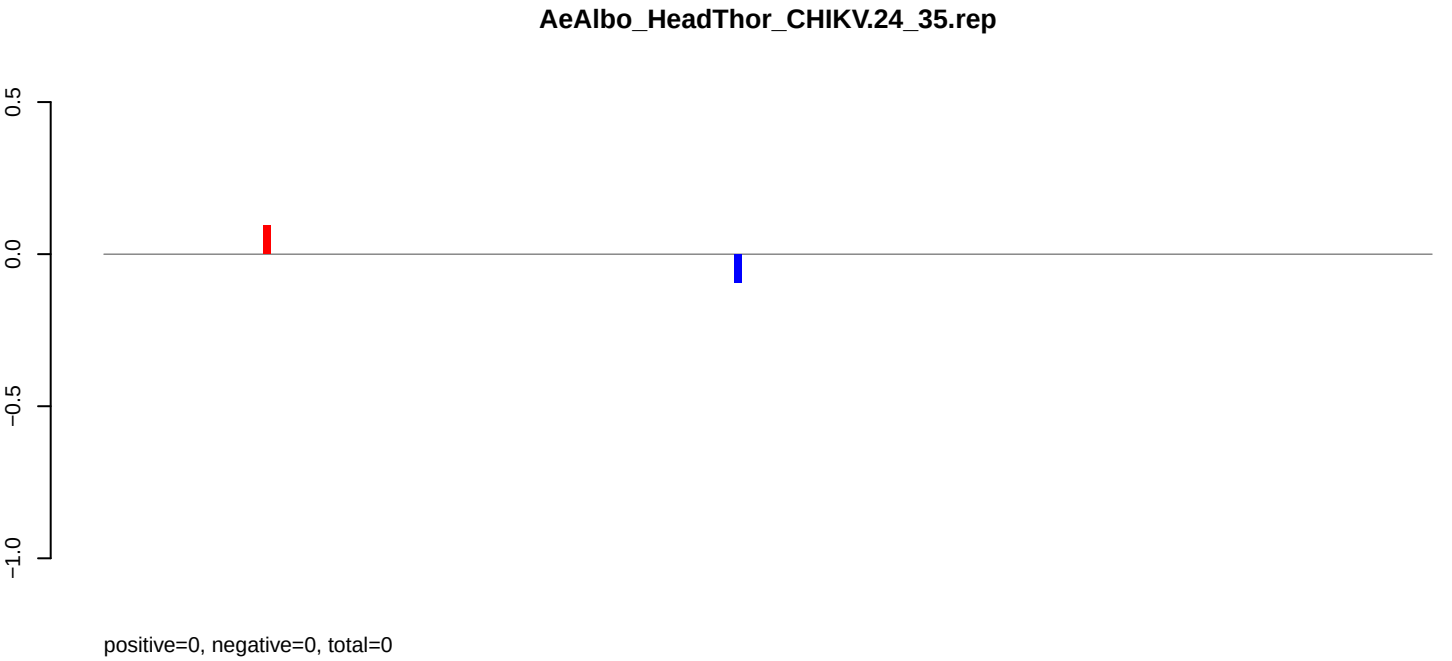

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=5, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=5, total=14
Window size=25, length=1308, TE@rnd−1_family−79@LTR_Gypsy:1−1308
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
0
200
400
600
800
1000
1200
1400

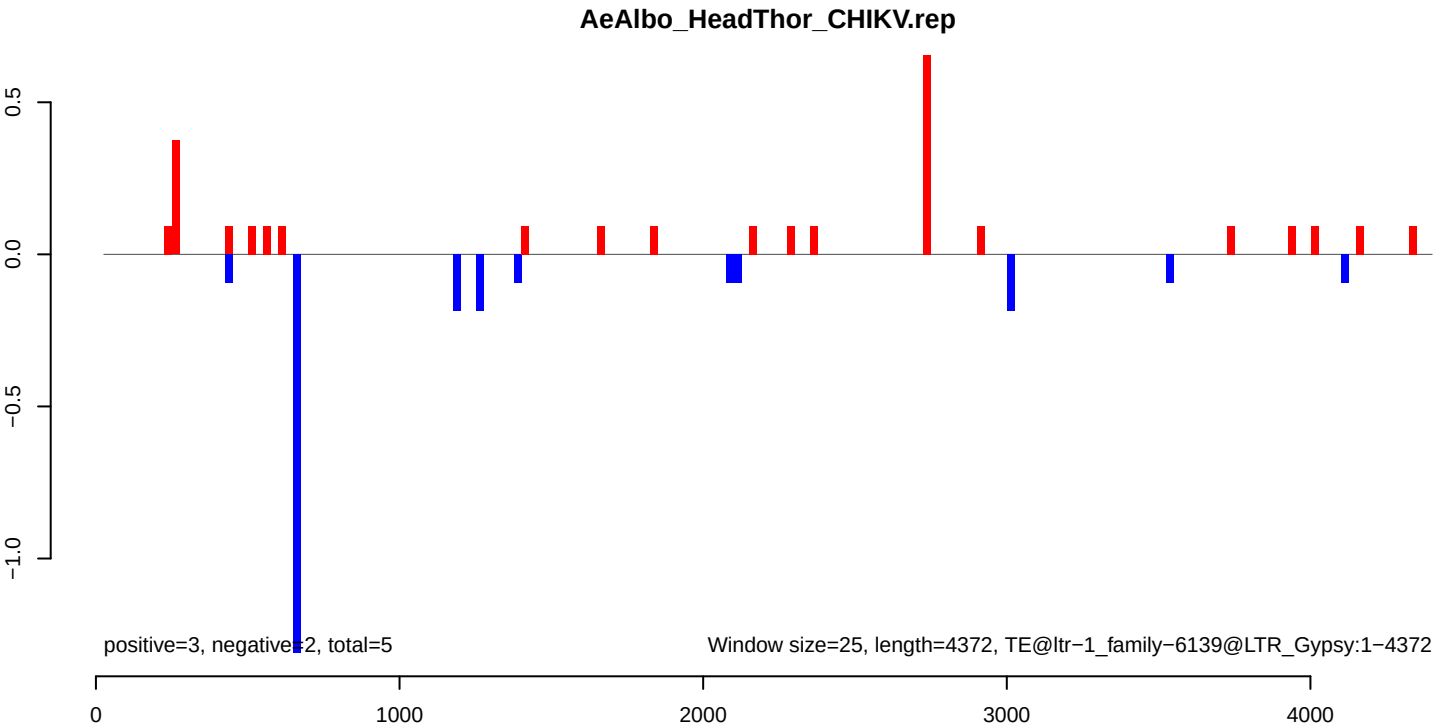

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=8, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=8, total=18
Window size=25, length=976, TE@rnd−1_family−735@Unknown:1−976
2
1
0
−1
−2
0
200
400
600
800
1000

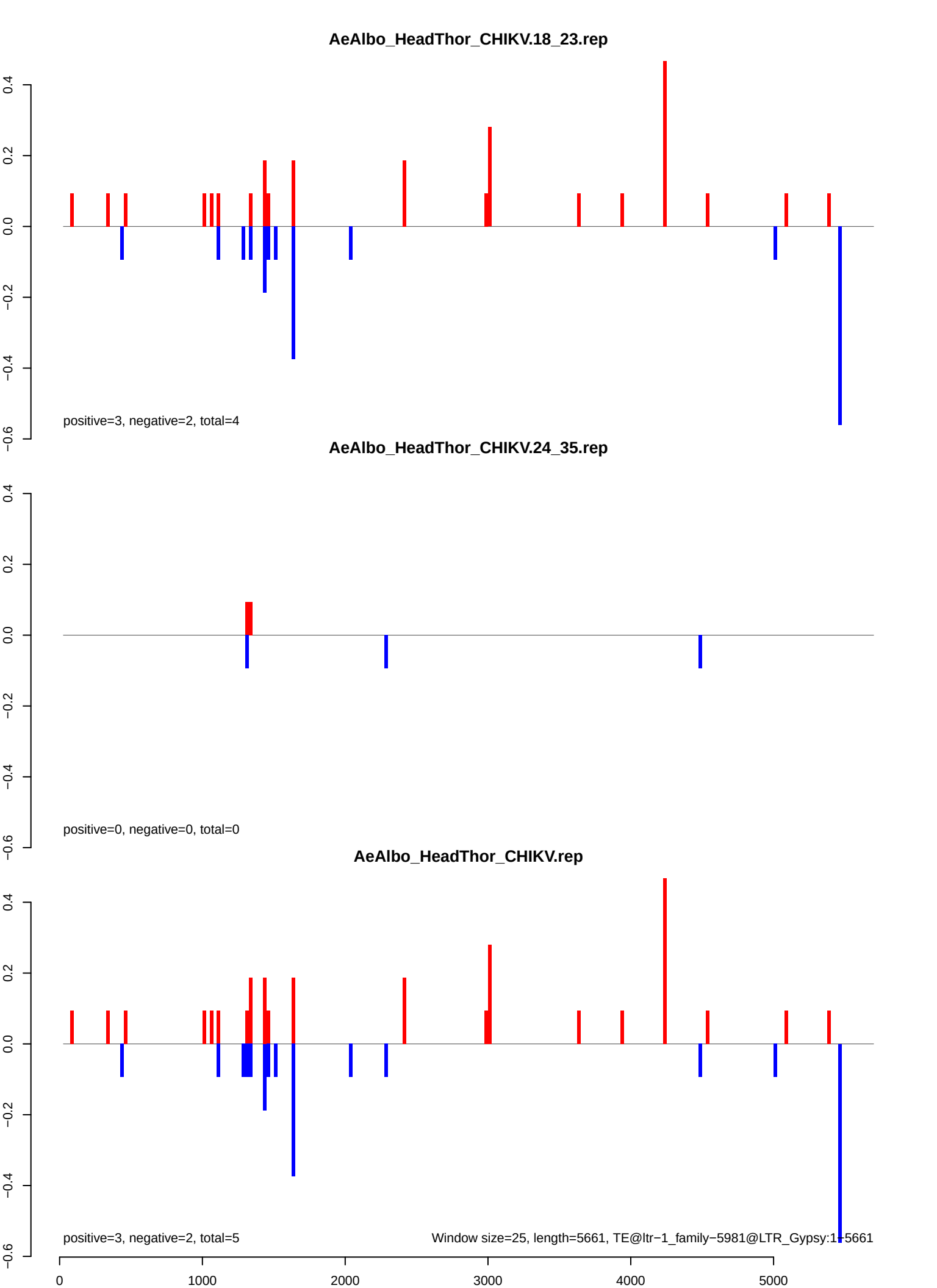

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=7, total=8
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=8, total=12
Window size=25, length=1537, TE@rnd−1_family−720@Unknown:1−1537
0
500
1000
1500

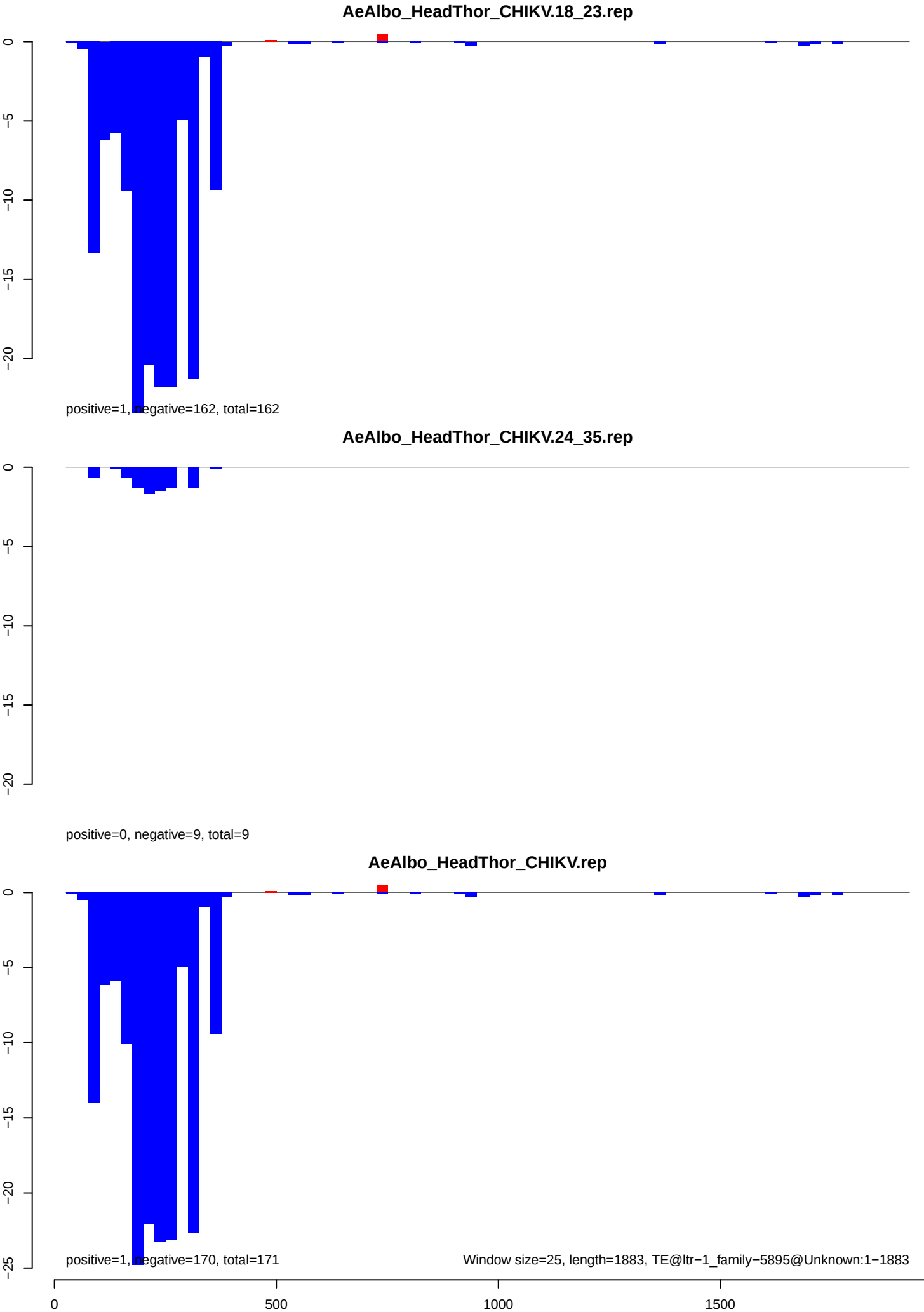

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=11, negative=30, total=41
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=11, negative=30, total=41
Window size=25, length=1063, TE@rnd−1_family−156@SINE_tRNA:1−1063
0
200
400
600
800
1000

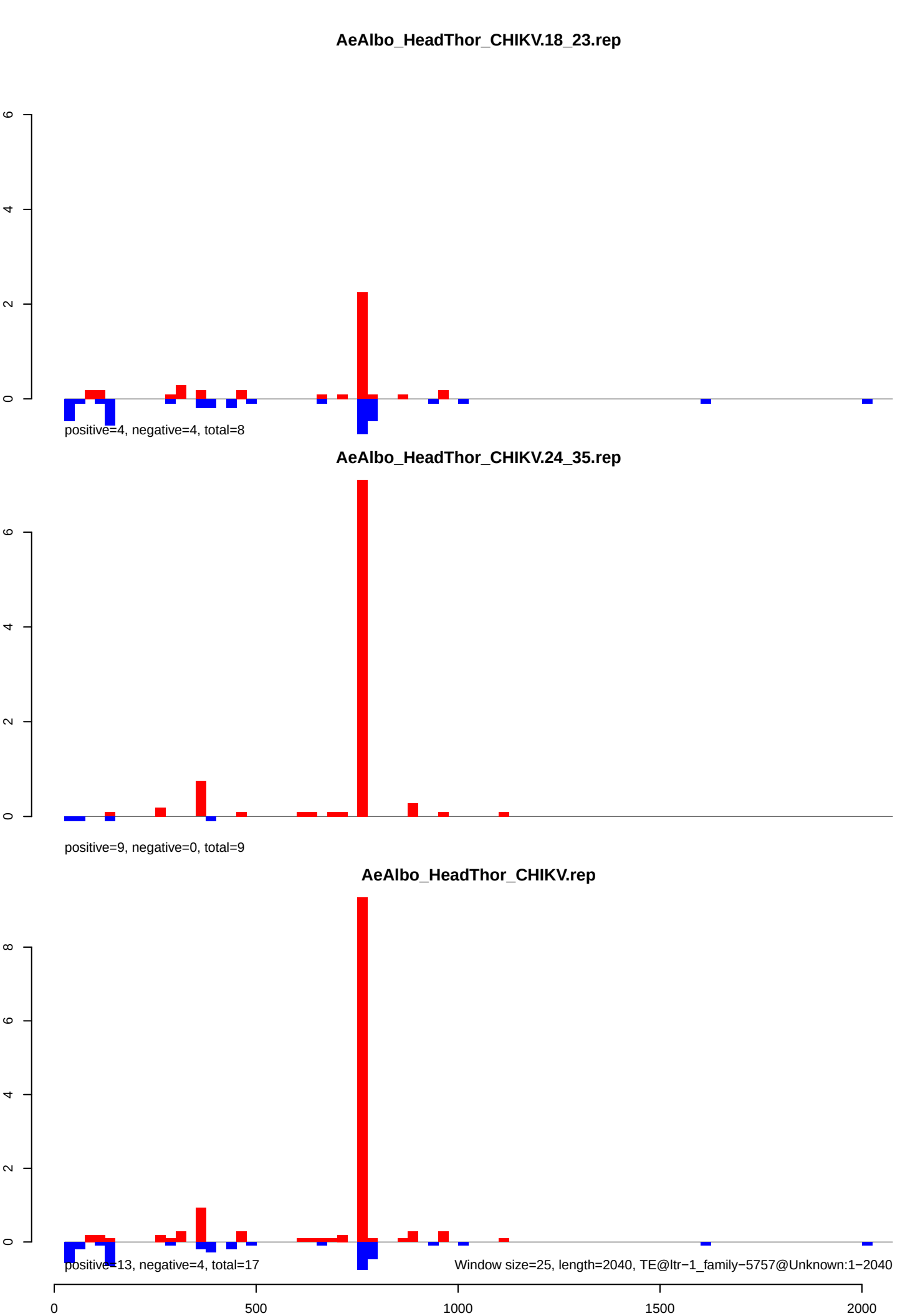

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=2, total=5

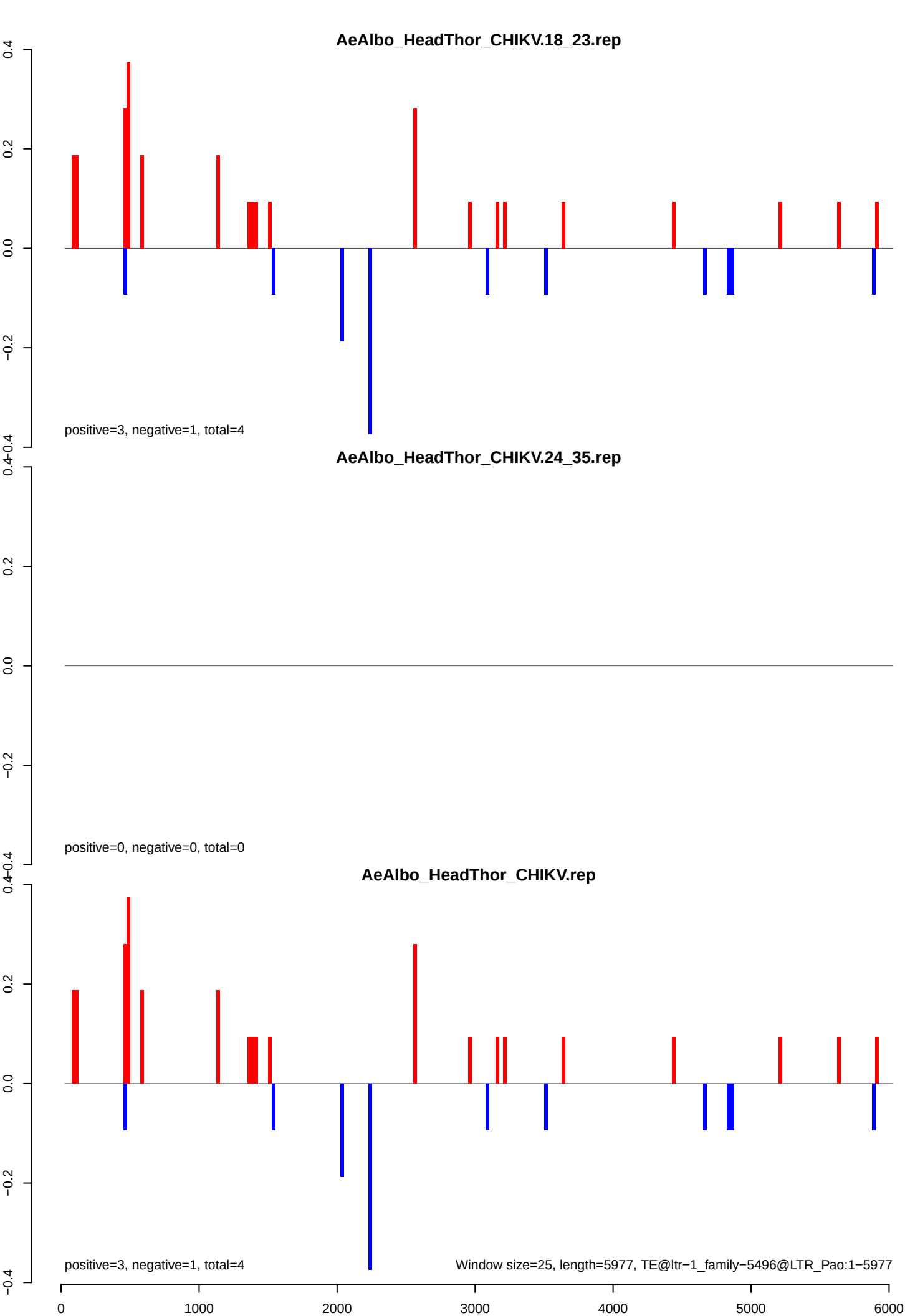

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

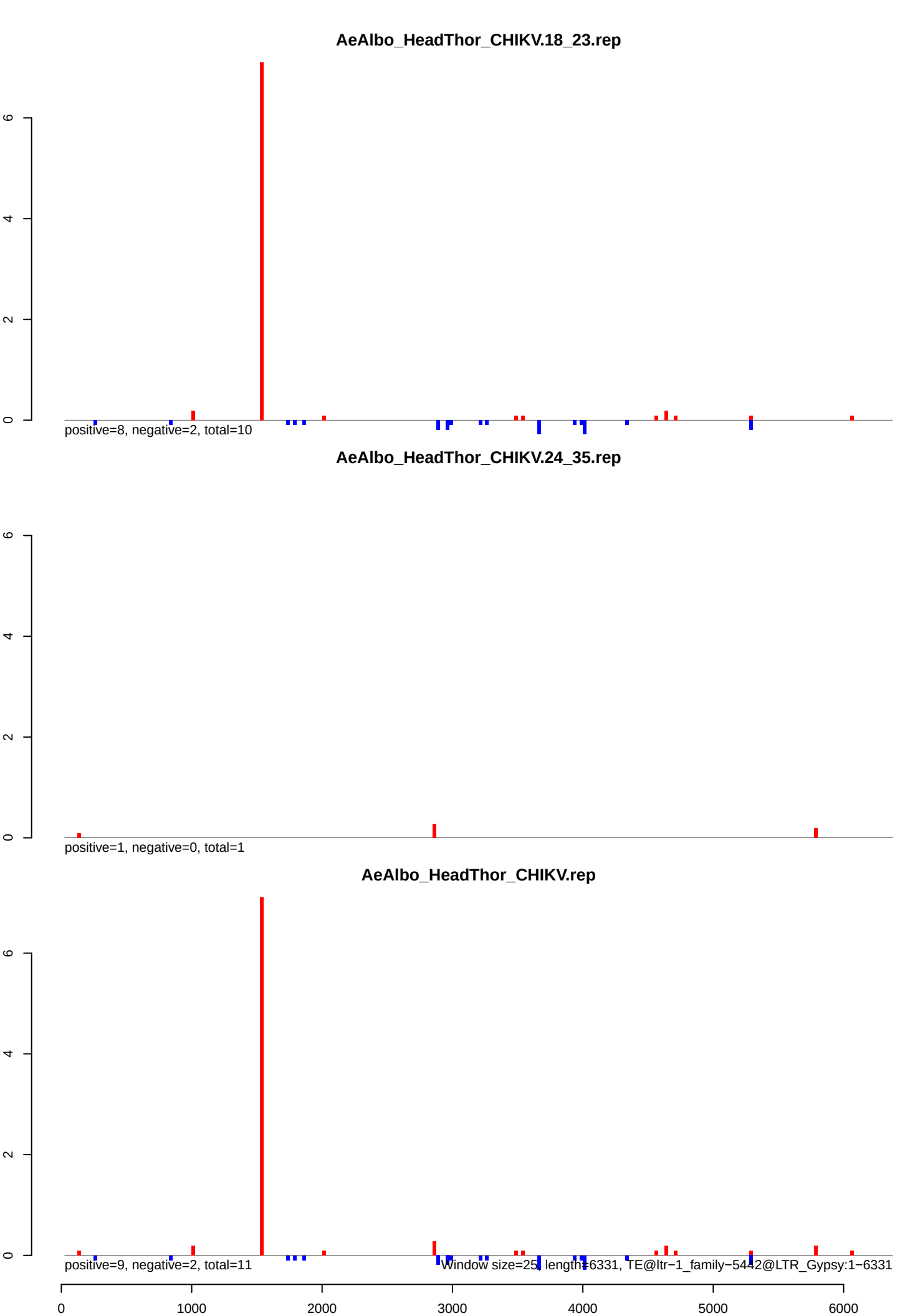

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=2, total=5
Window size=25, length=4372, TE@ltr−1_family−6139@LTR_Gypsy:1−4372
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=5661, TE@ltr−1_family−5981@LTR_Gypsy:1−5661
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=162, total=162
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=9, total=9
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=170, total=171
Window size=25, length=1883, TE@ltr−1_family−5895@Unknown:1−1883
0
−5
−10
−15
−20
−25
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=4, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=9, negative=0, total=9
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=4, total=17
Window size=25, length=2040, TE@ltr−1_family−5757@Unknown:1−2040
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=5977, TE@ltr−1_family−5496@LTR_Pao:1−5977
0
1000
2000
3000
4000
5000
6000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=2, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=2, total=11
Window size=25, length=6331, TE@ltr−1_family−5442@LTR_Gypsy:1−6331
0
2
4
6
0
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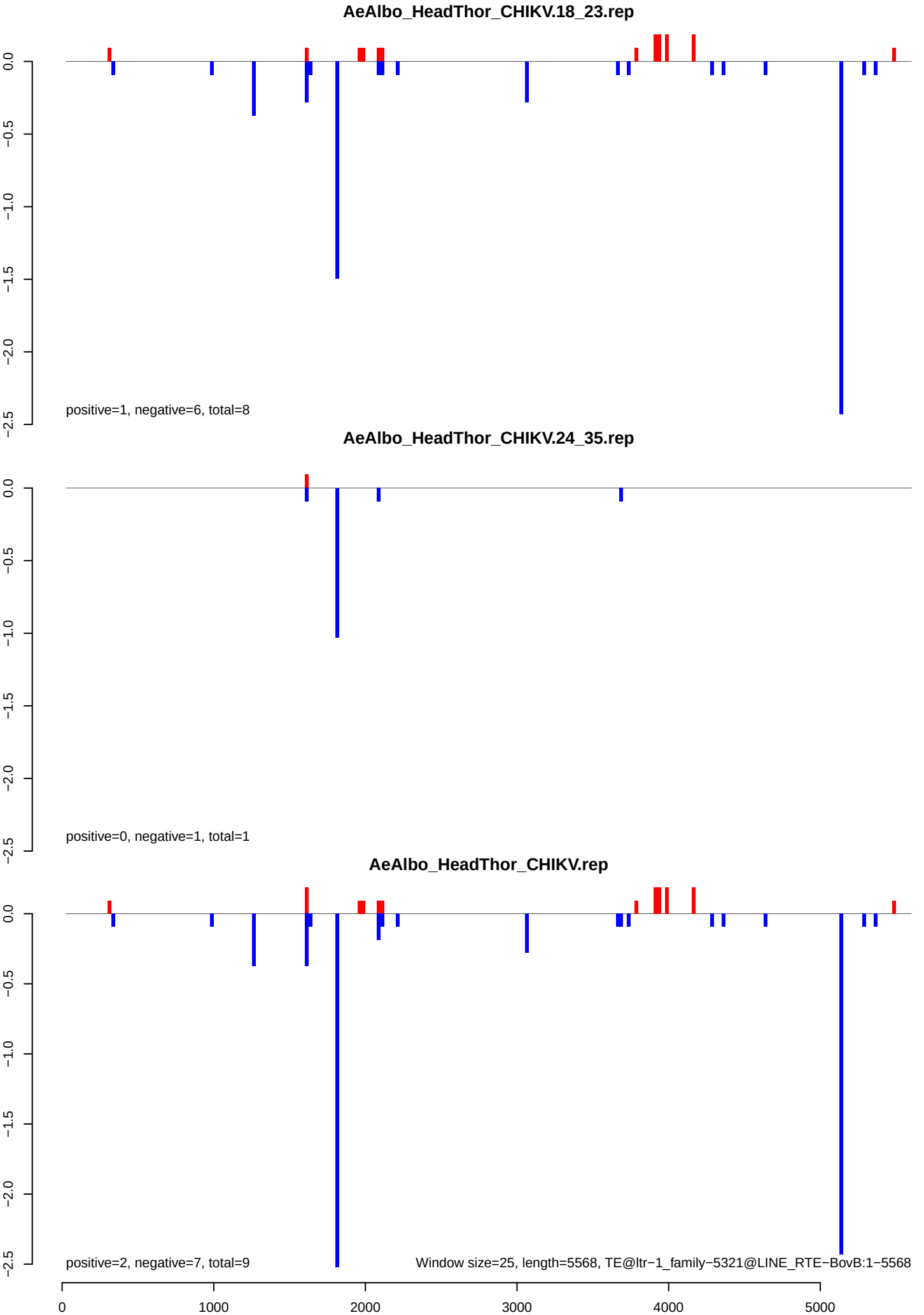
2000
3000
4000
5000
6000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=7, total=9
Window size=25, length=5568, TE@ltr−1_family−5321@LINE_RTE−BovB:1−5568
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−0.5
−1.0
−1.5
−2.0
−2.5
0
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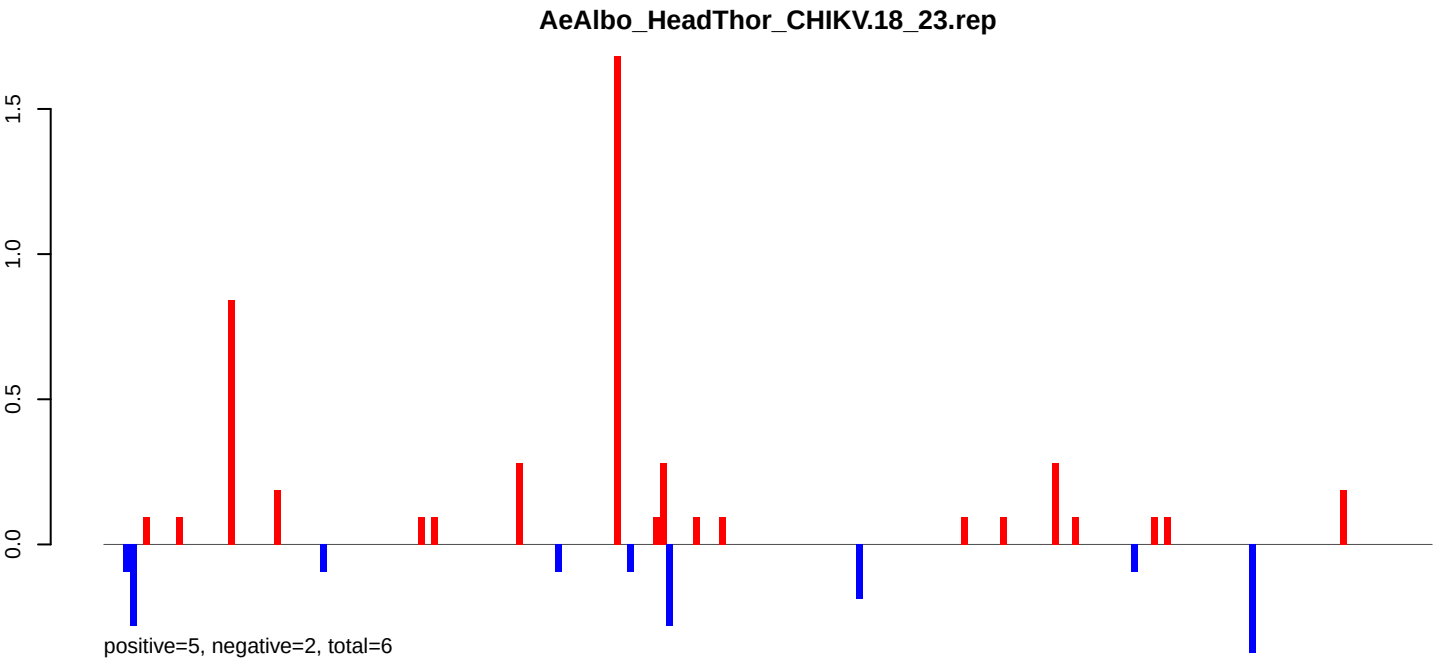
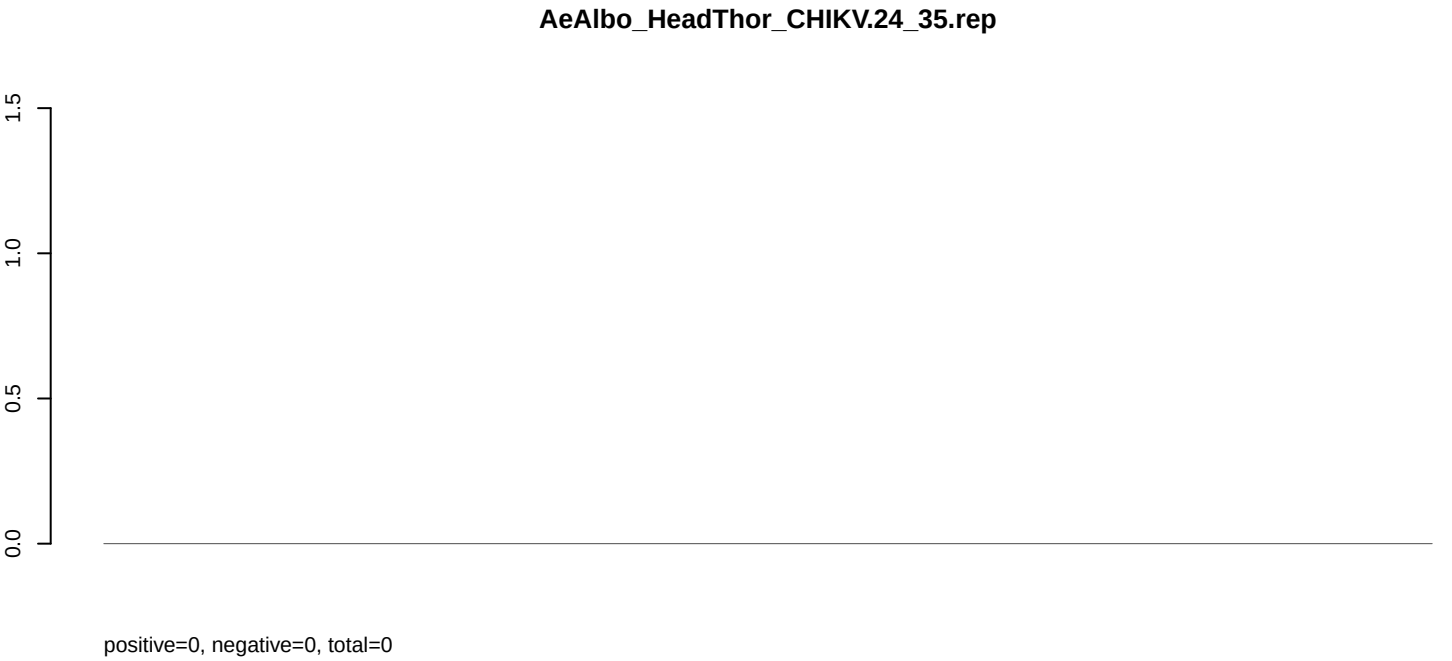
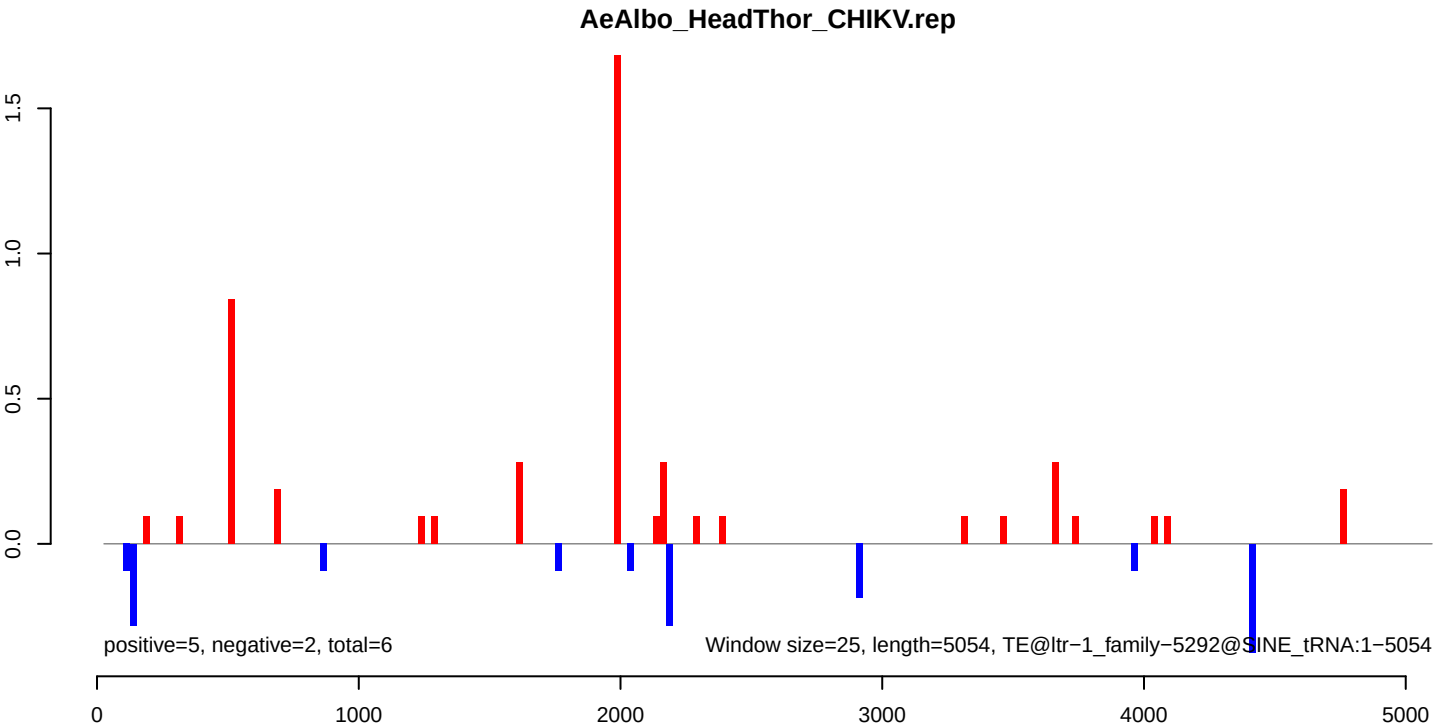
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=5, negative=2, total=6


AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=5, negative=2, total=6
Window size=25, length=5054, TE@ltr−1_family−5292@SINE_tRNA:1−5054
0
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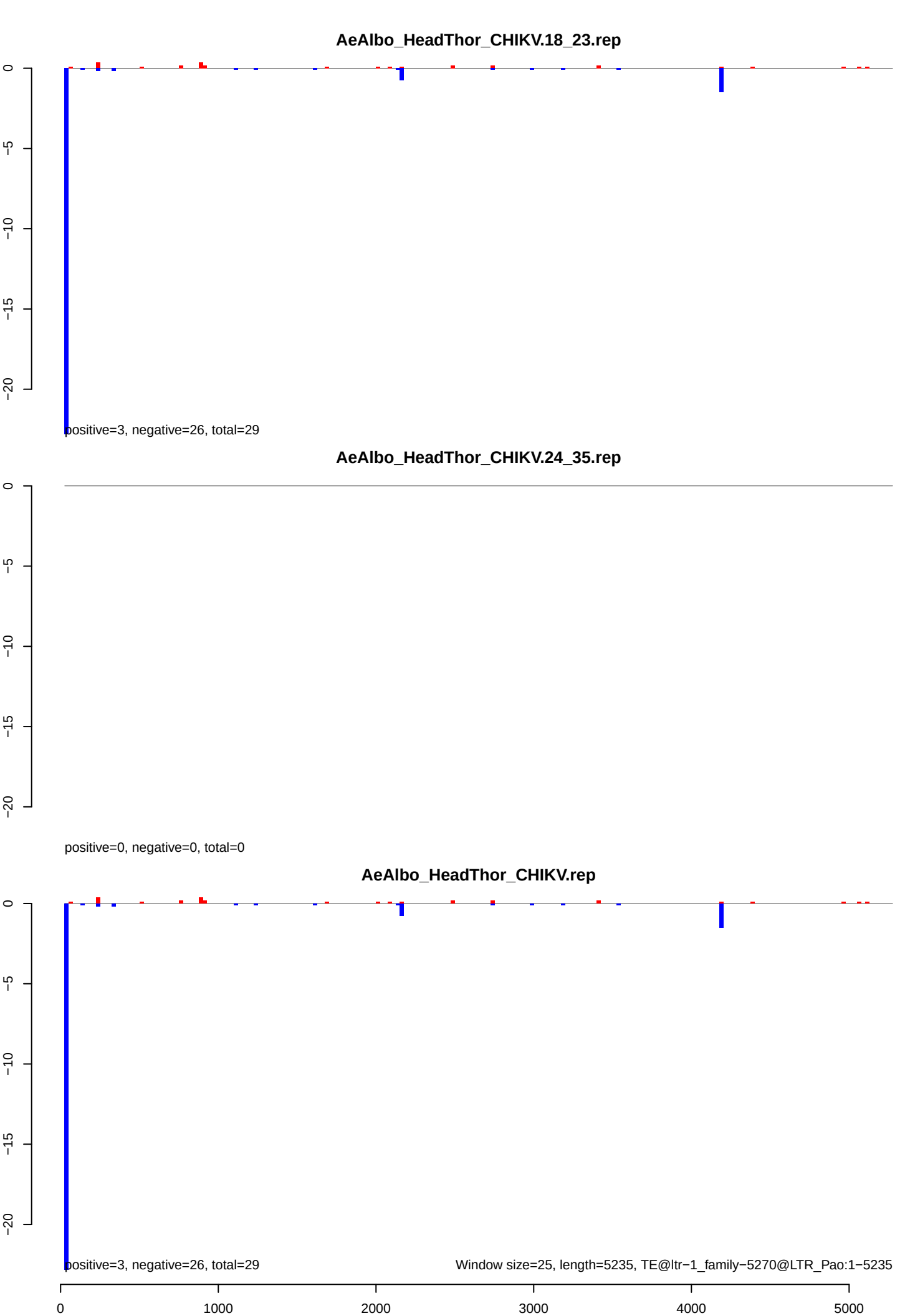
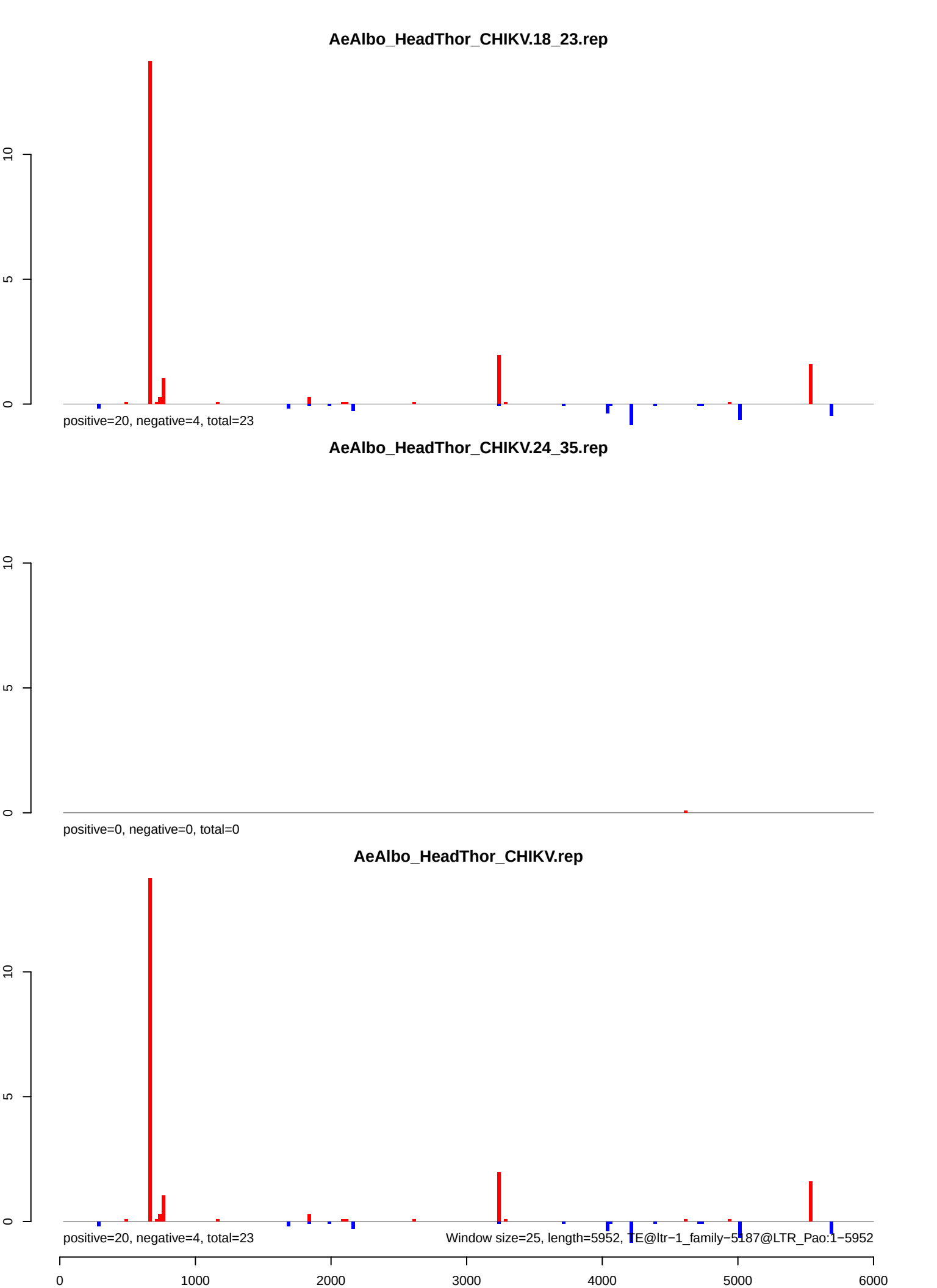
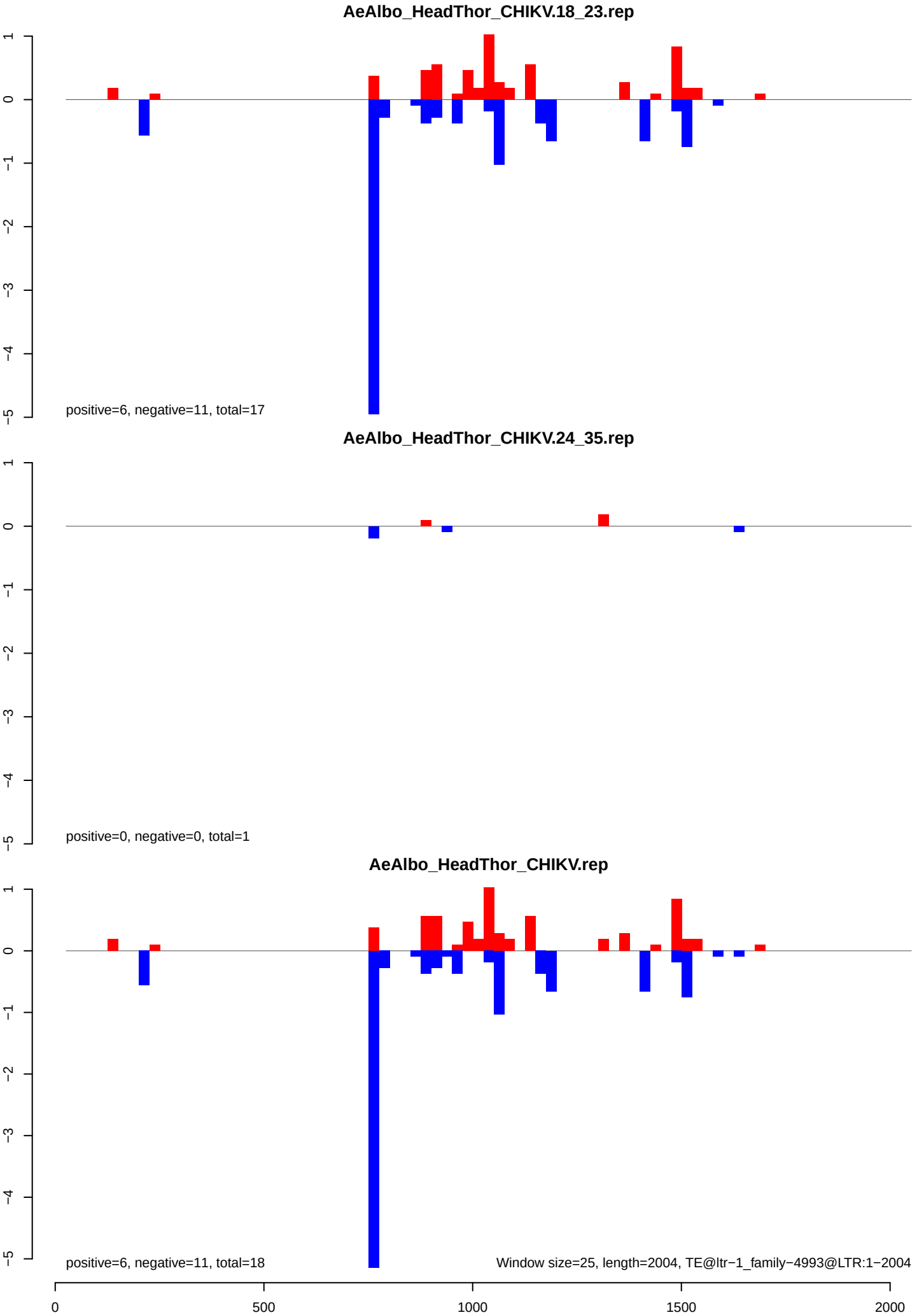
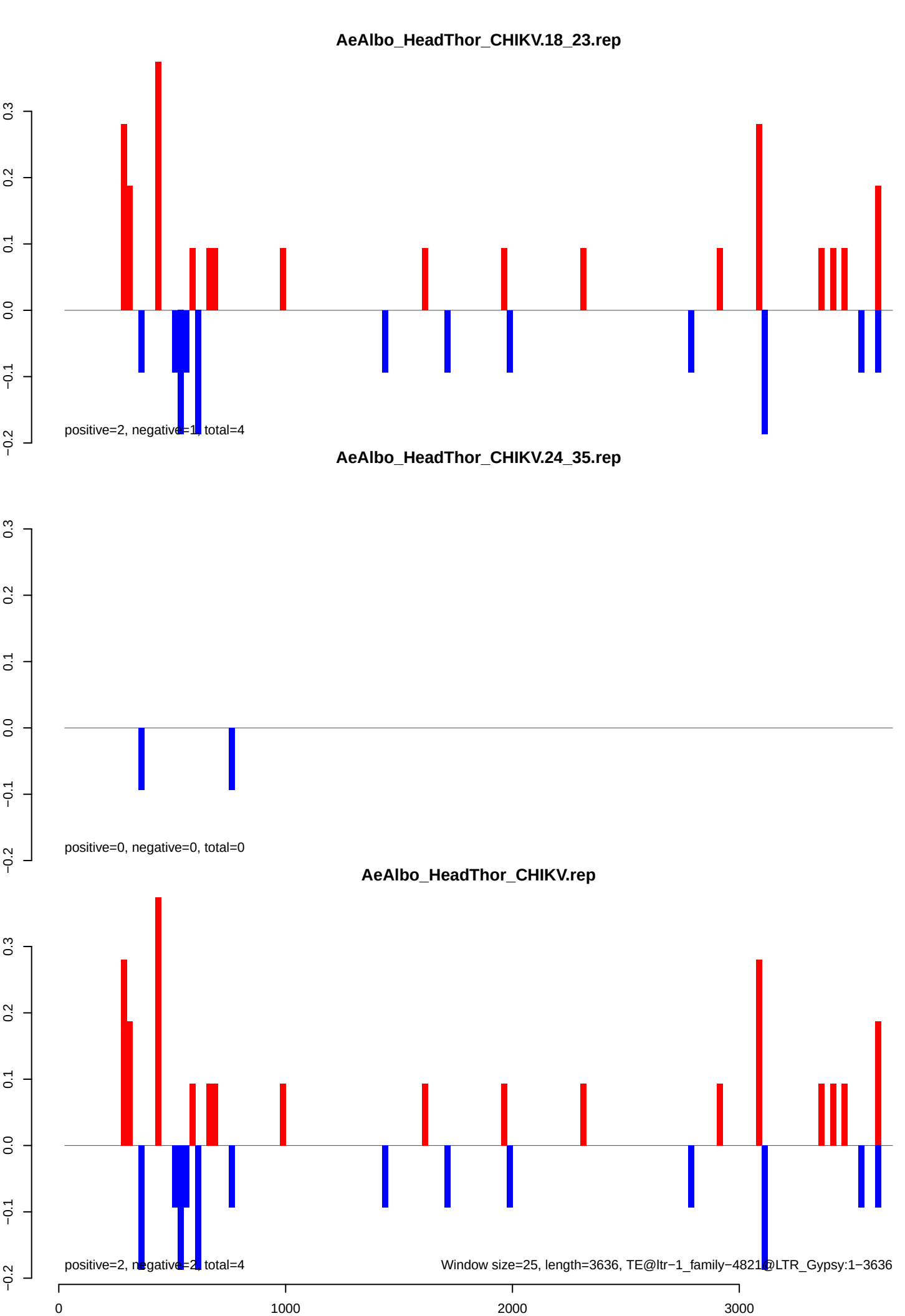
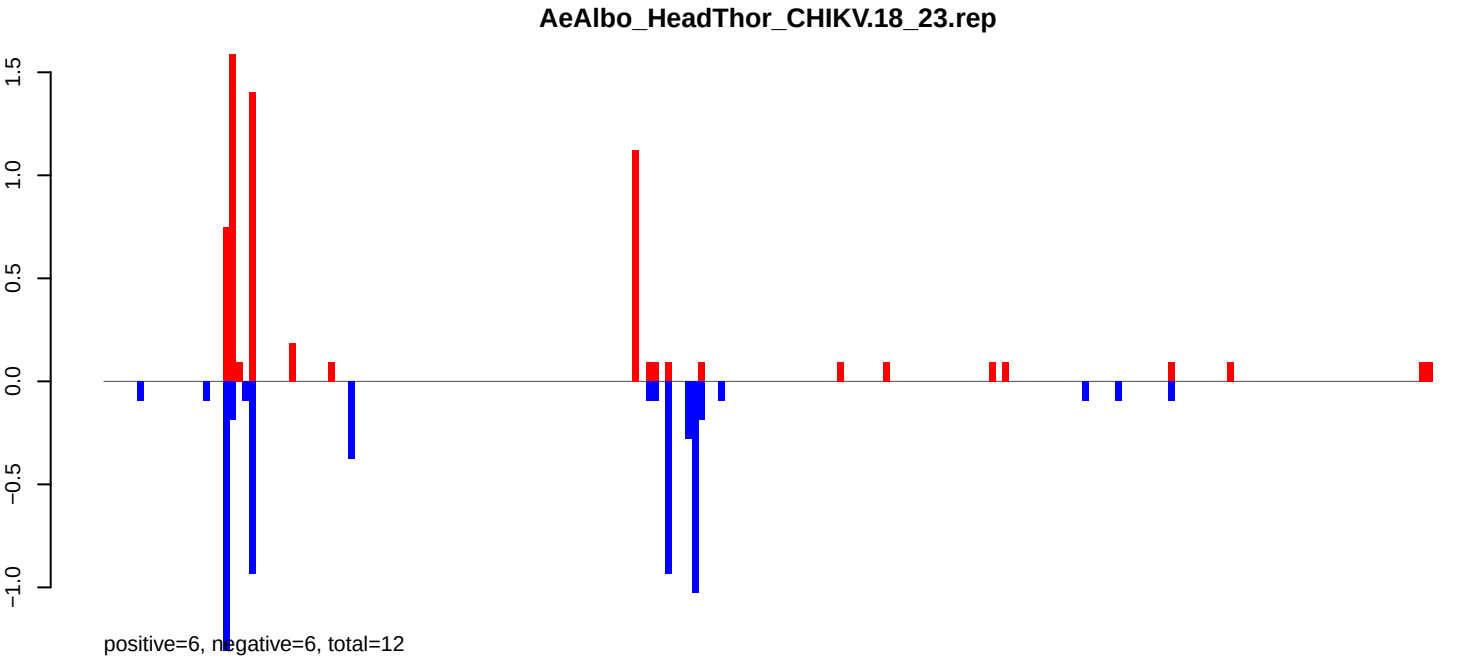
2000
3000
4000
5000

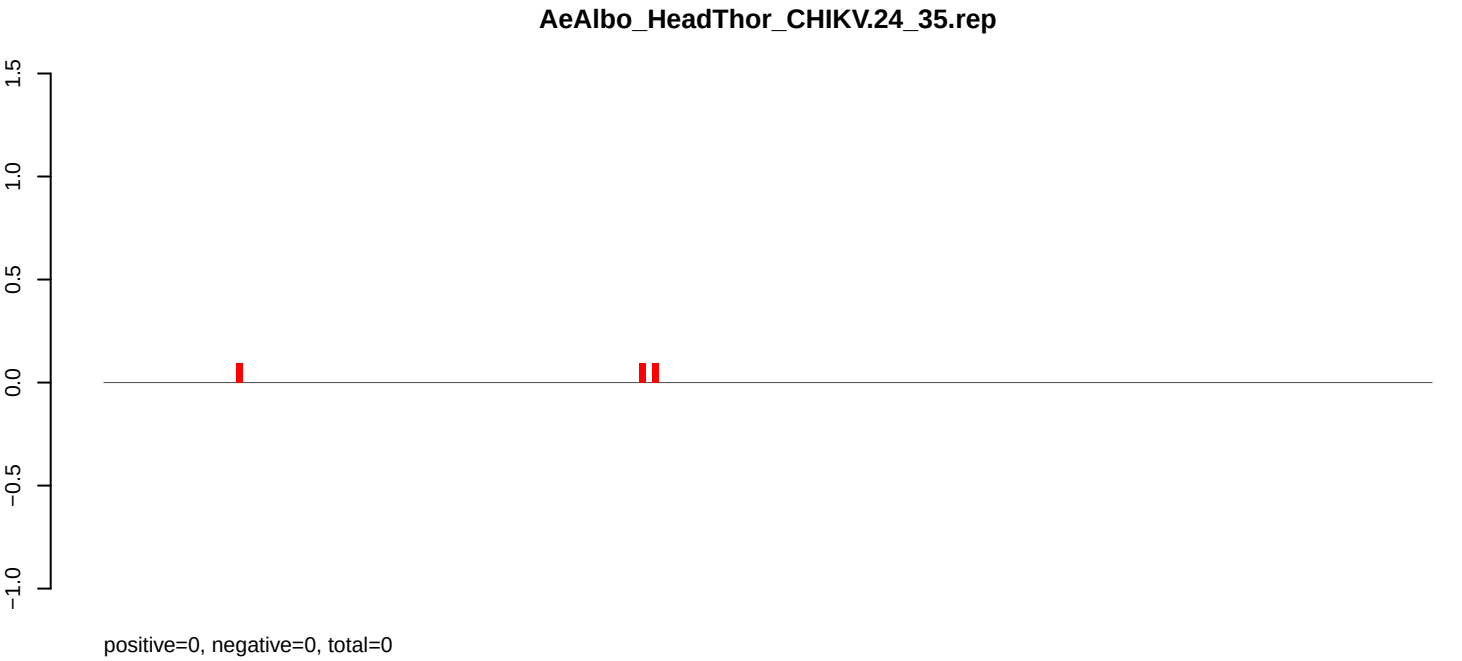

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=26, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=26, total=29
Window size=25, length=5235, TE@ltr−1_family−5270@LTR_Pao:1−5235
0
1000
2000
3000
4000
5000

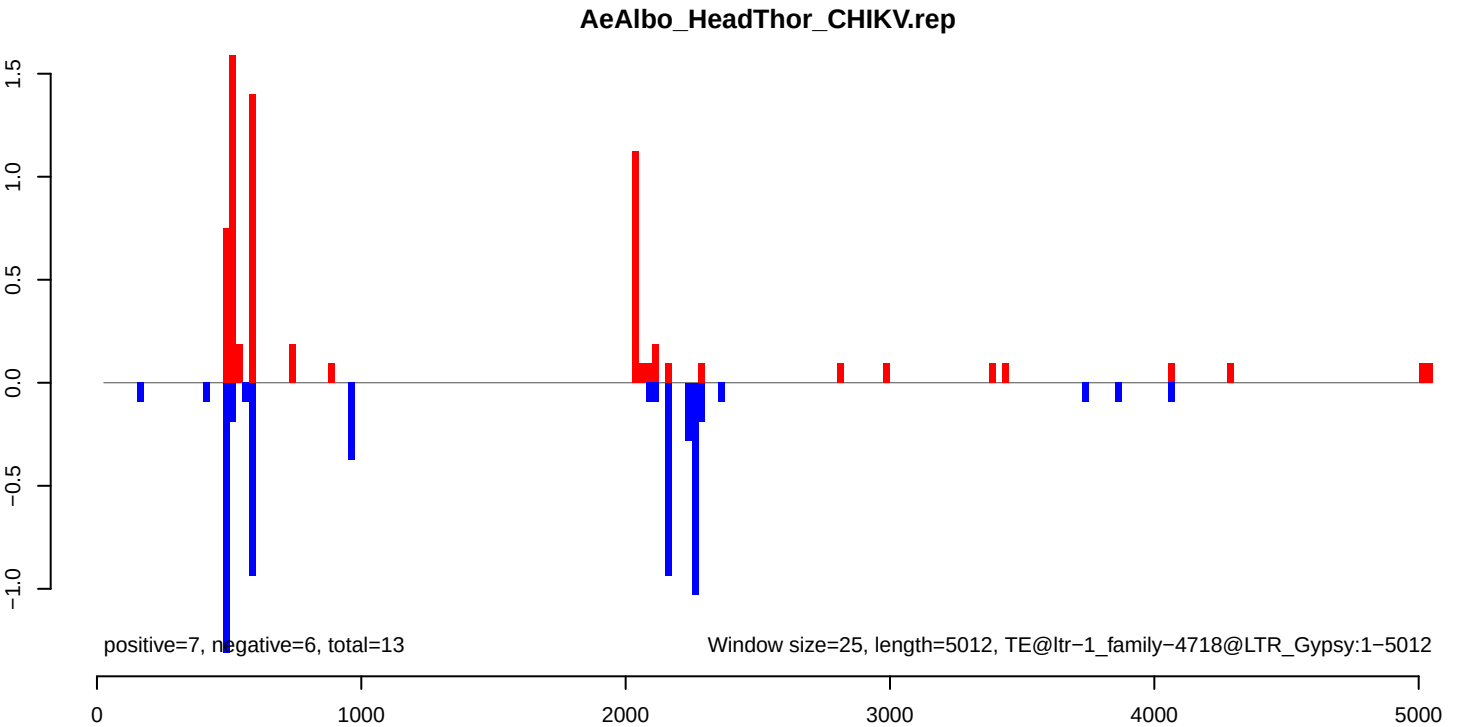

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
positive=20, negative=4, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
10
5
0
positive=20, negative=4, total=23
Window size=25, length=5952, TE@ltr−1_family−5187@LTR_Pao:1−5952
0
1000
2000
3000
4000
5000
6000

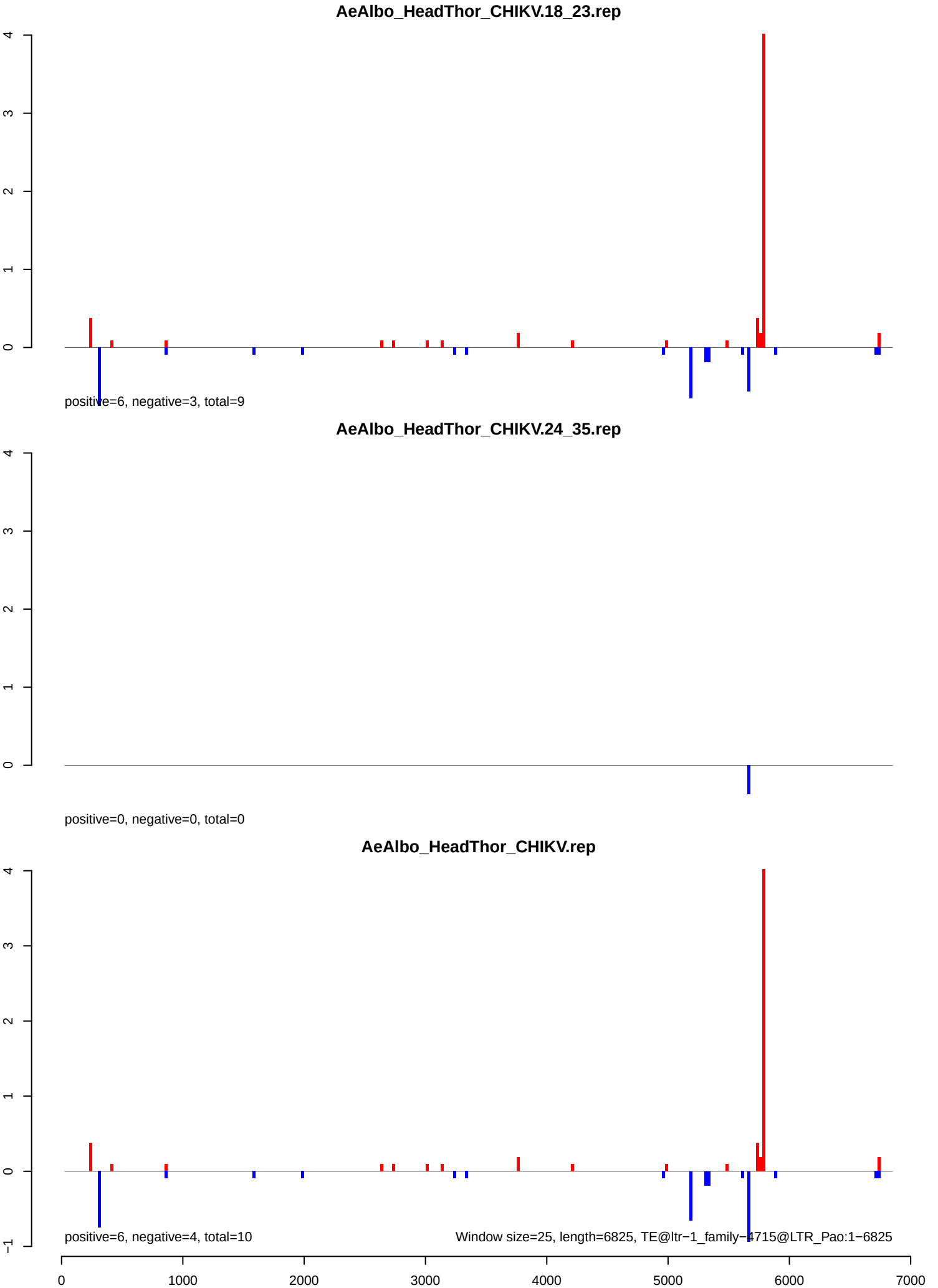

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=11, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=11, total=18
Window size=25, length=2004, TE@ltr−1_family−4993@LTR:1−2004
1
0
−1
−2
−3
−4
−5
0
500
1000
1500
2000

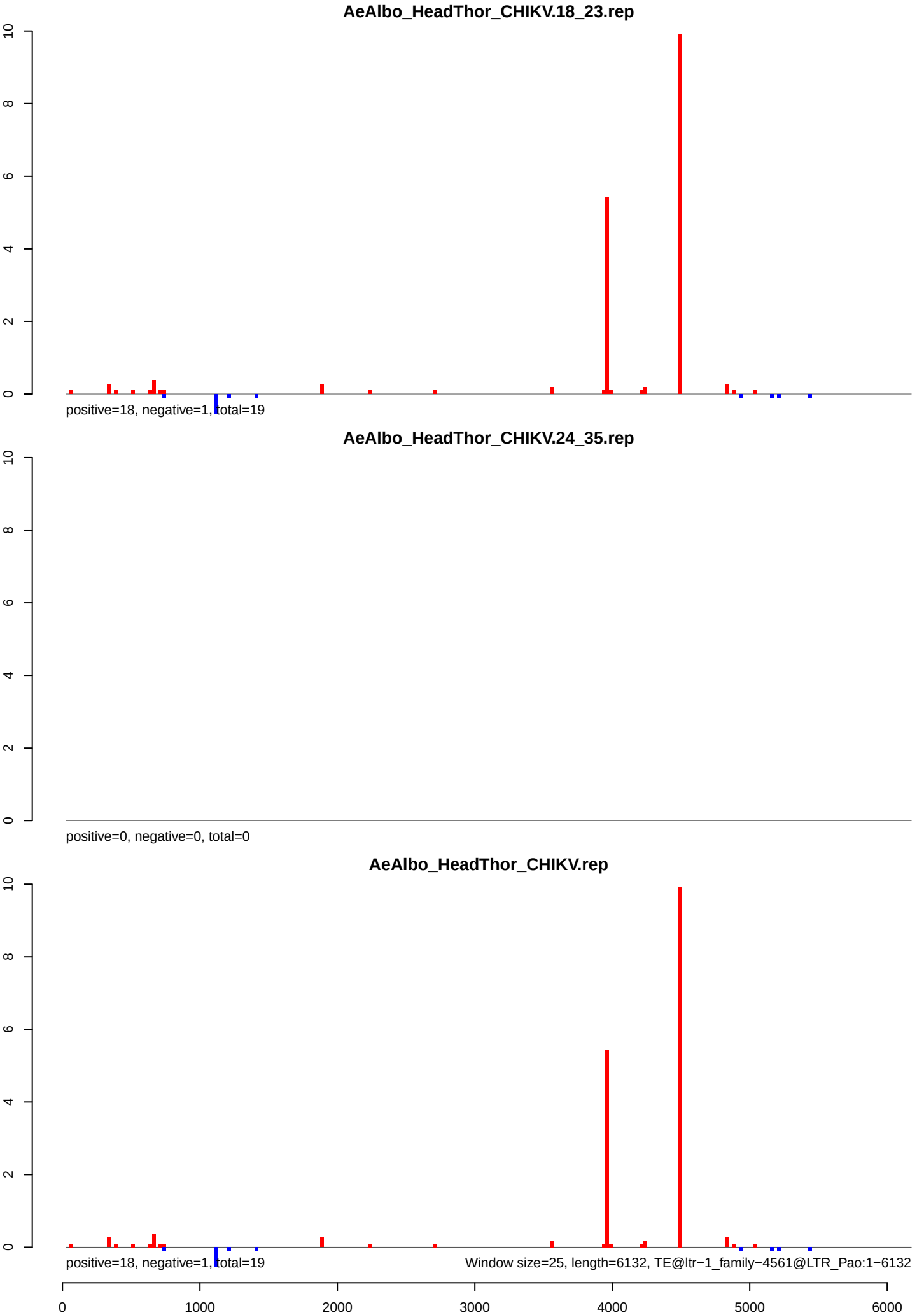

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=2, total=4
Window size=25, length=3636, TE@ltr−1_family−4821@LTR_Gypsy:1−3636
0
1000
2000
3000

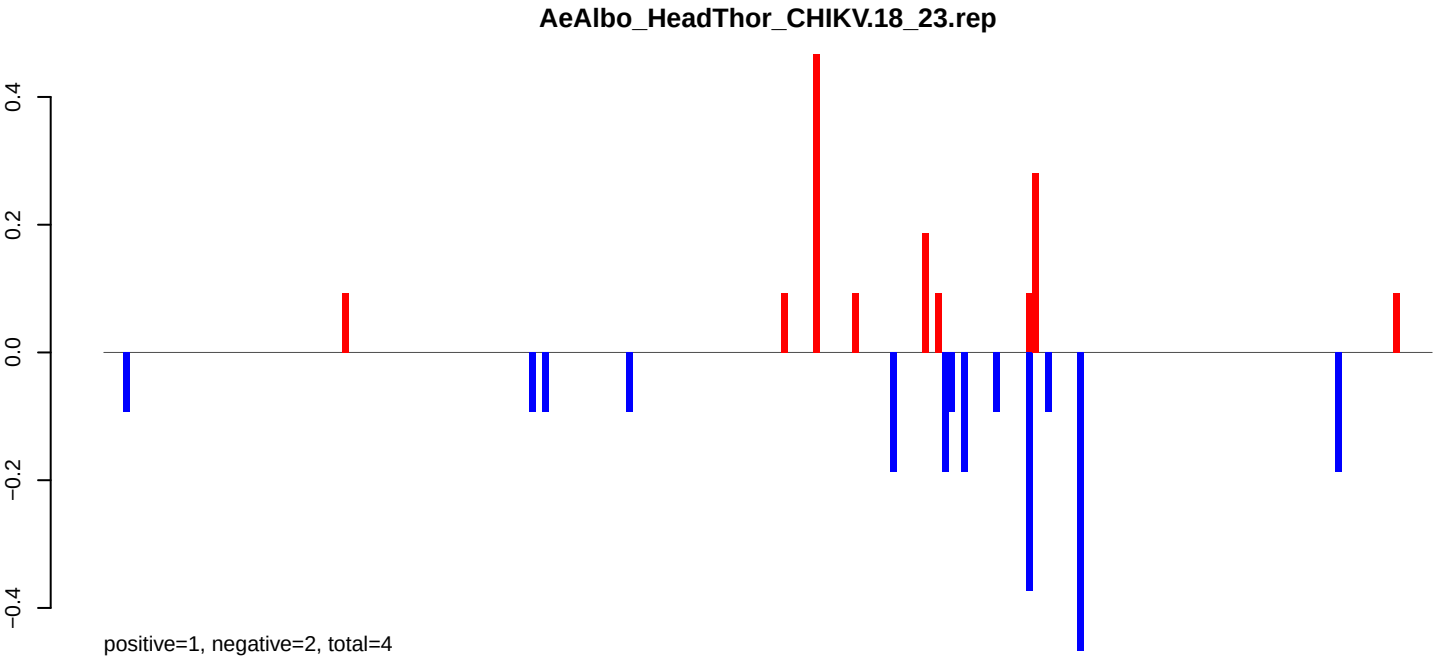

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=6, negative=6, total=12

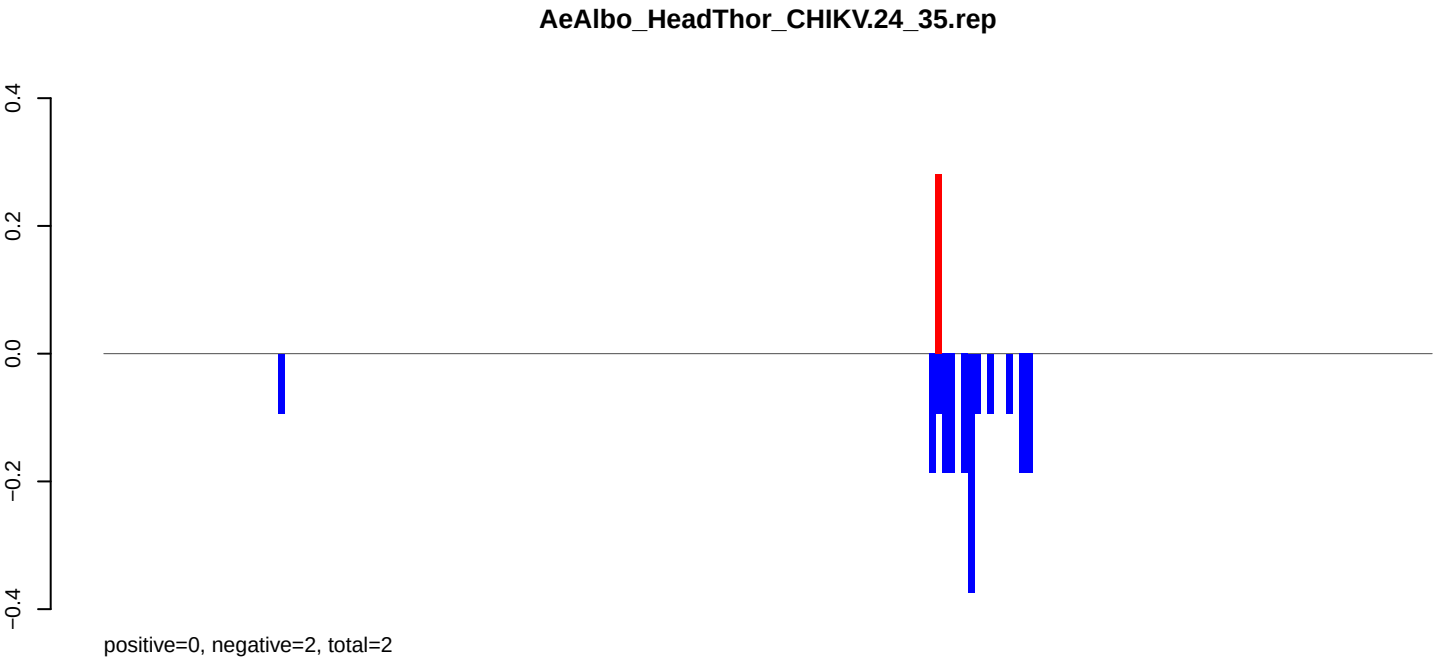

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

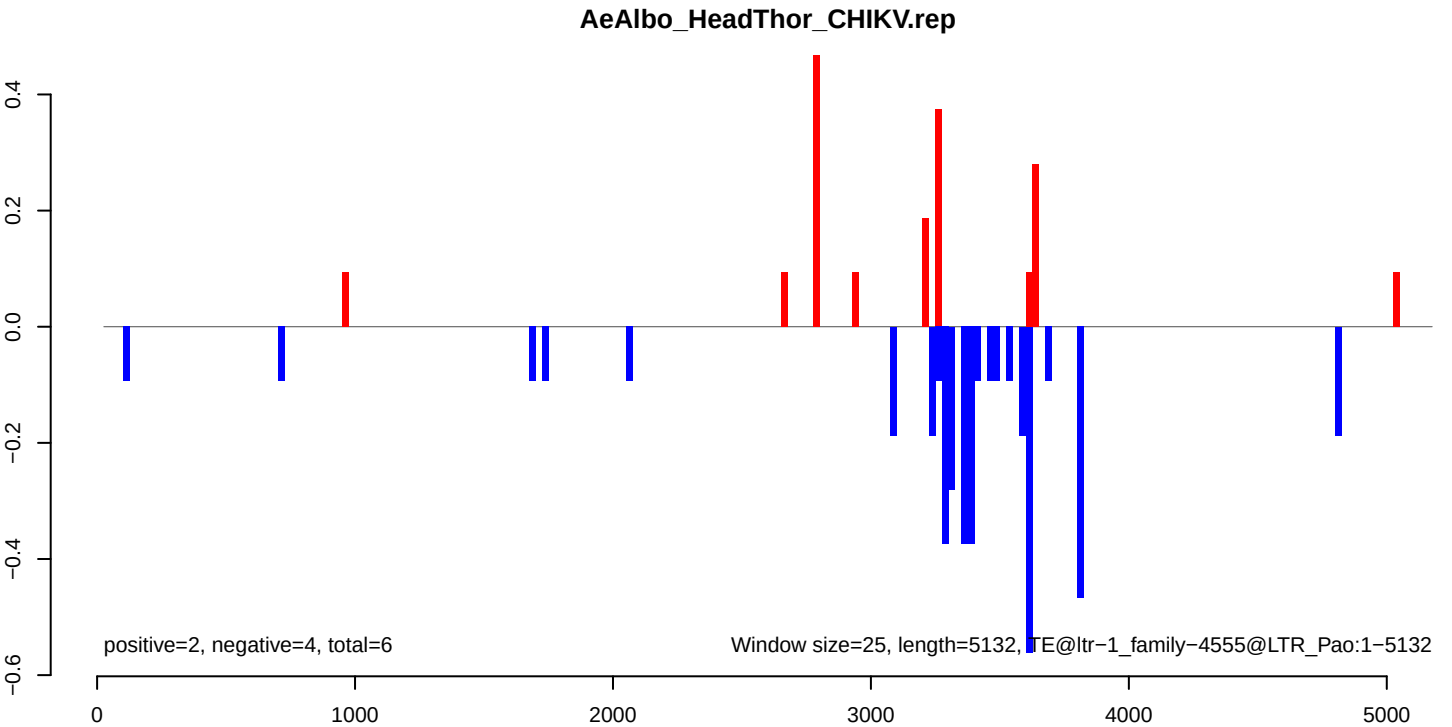

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=7, negative=6, total=13
Window size=25, length=5012, TE@ltr−1_family−4718@LTR_Gypsy:1−5012
0
1000
2000
3000
4000
5000

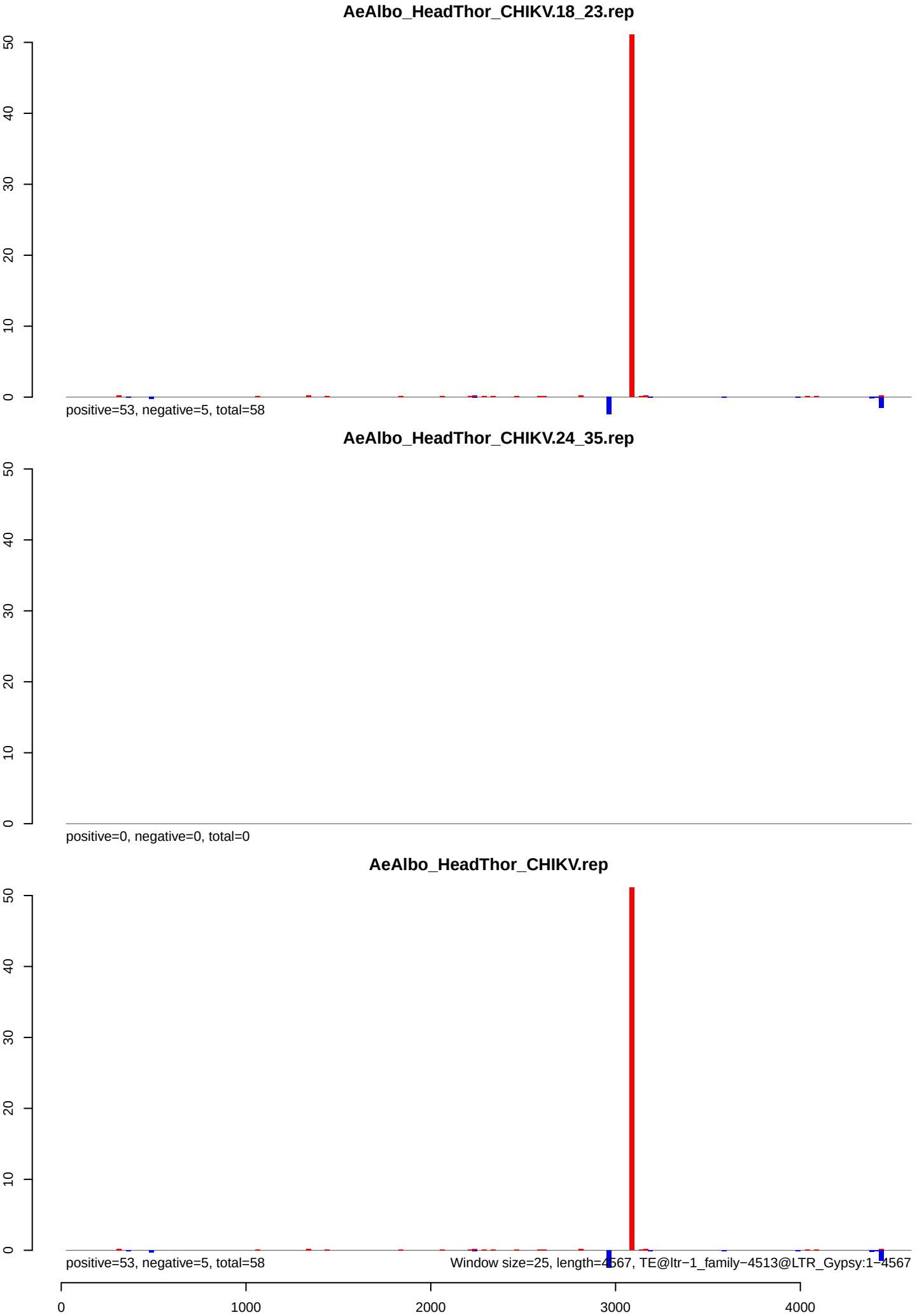

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=3, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=4, total=10
Window size=25, length=6825, TE@ltr−1_family−4715@LTR_Pao:1−6825
0
1000
2000
3000
4000
5000
6000
7000

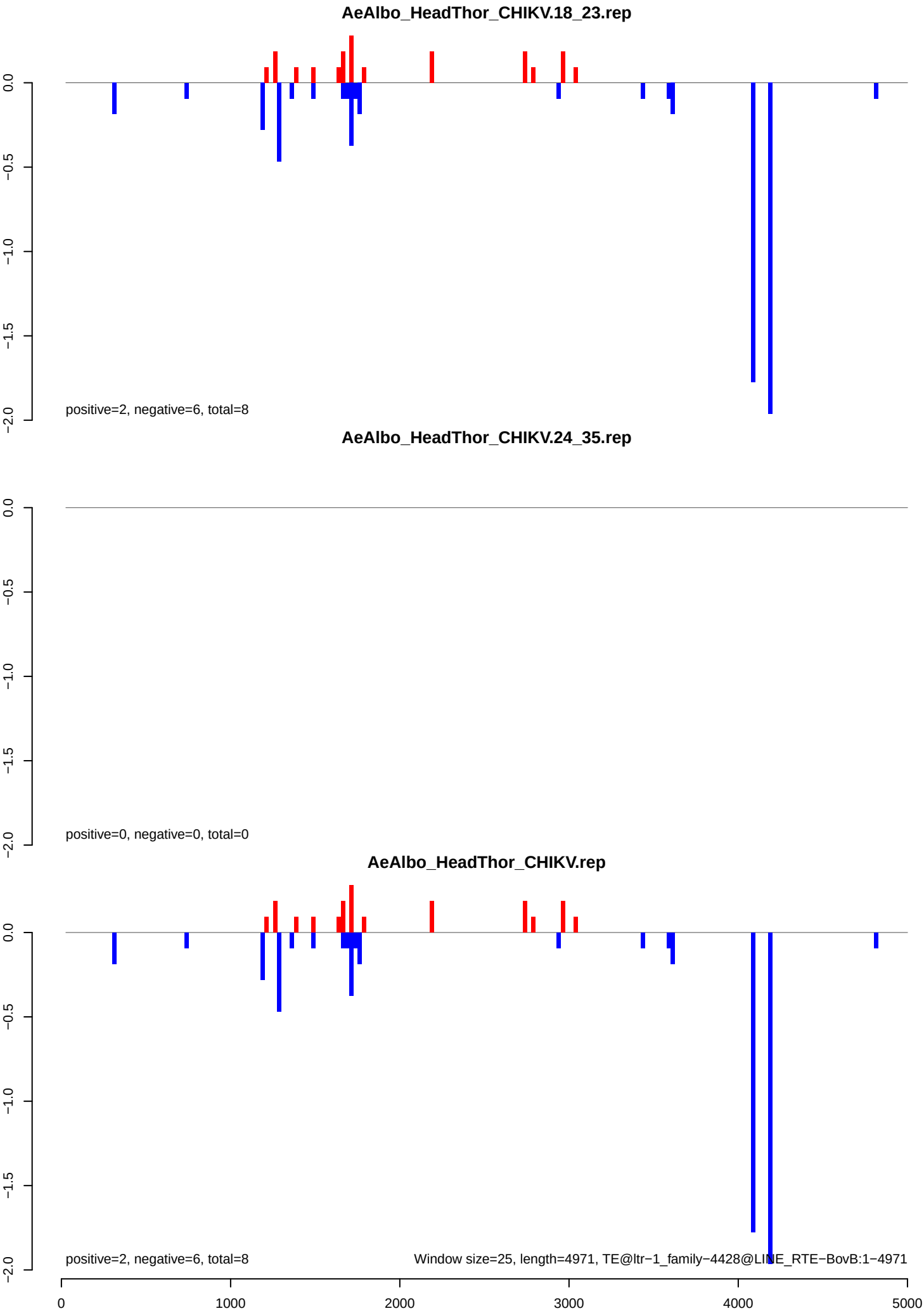

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
10
positive=18, negative=1, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
10
positive=18, negative=1, total=19
Window size=25, length=6132, TE@ltr−1_family−4561@LTR_Pao:1−6132
0
1000
2000
3000
4000
5000
6000

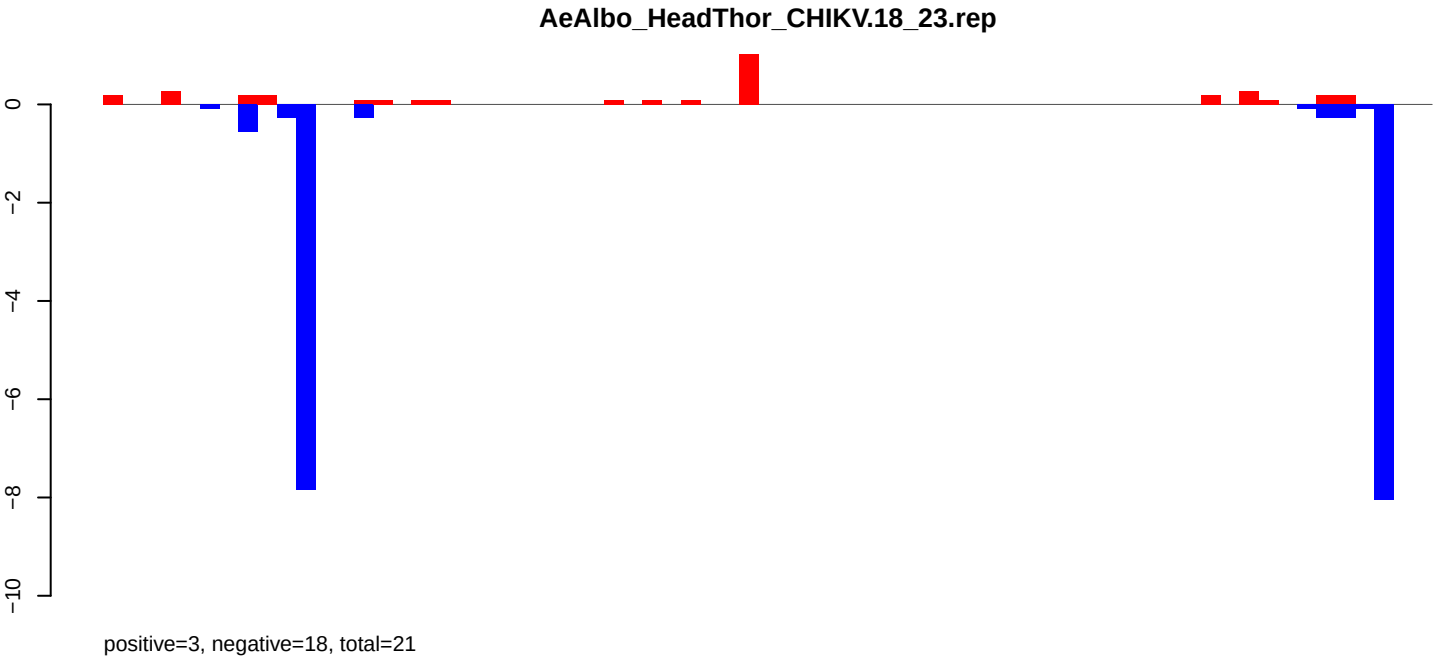

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=4

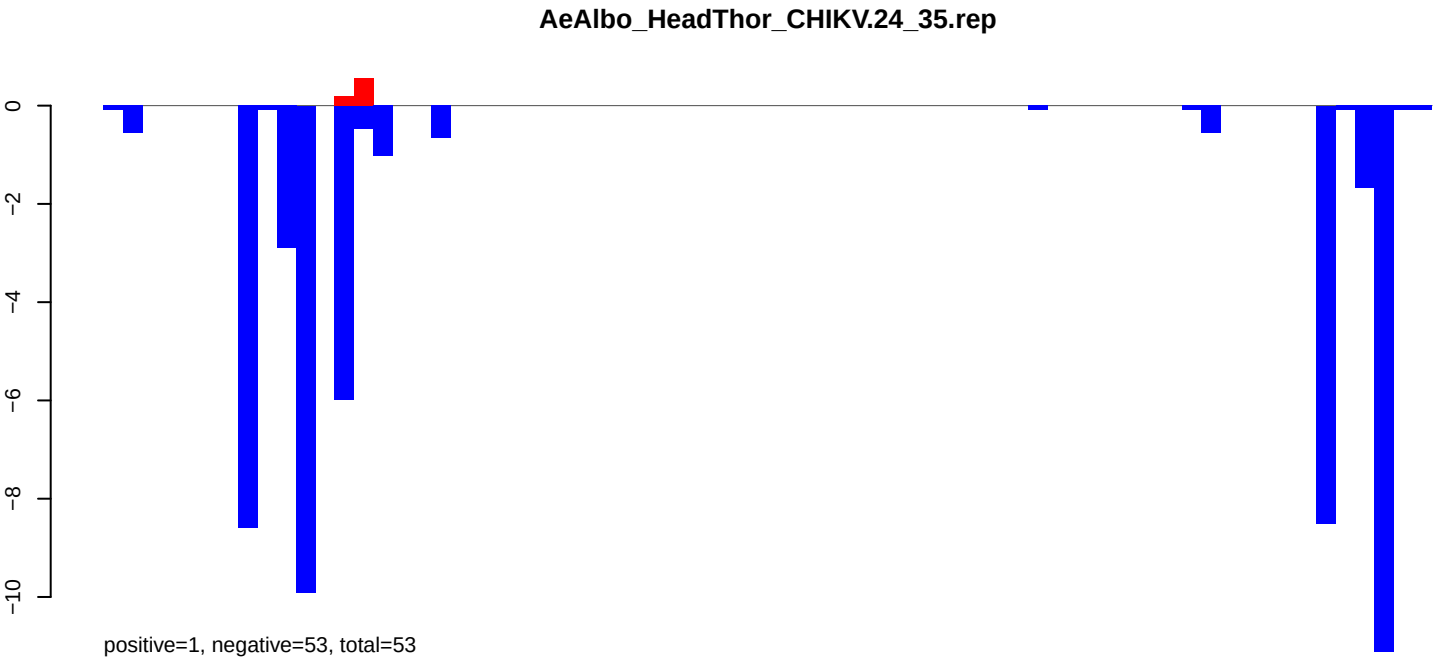

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=2, total=2

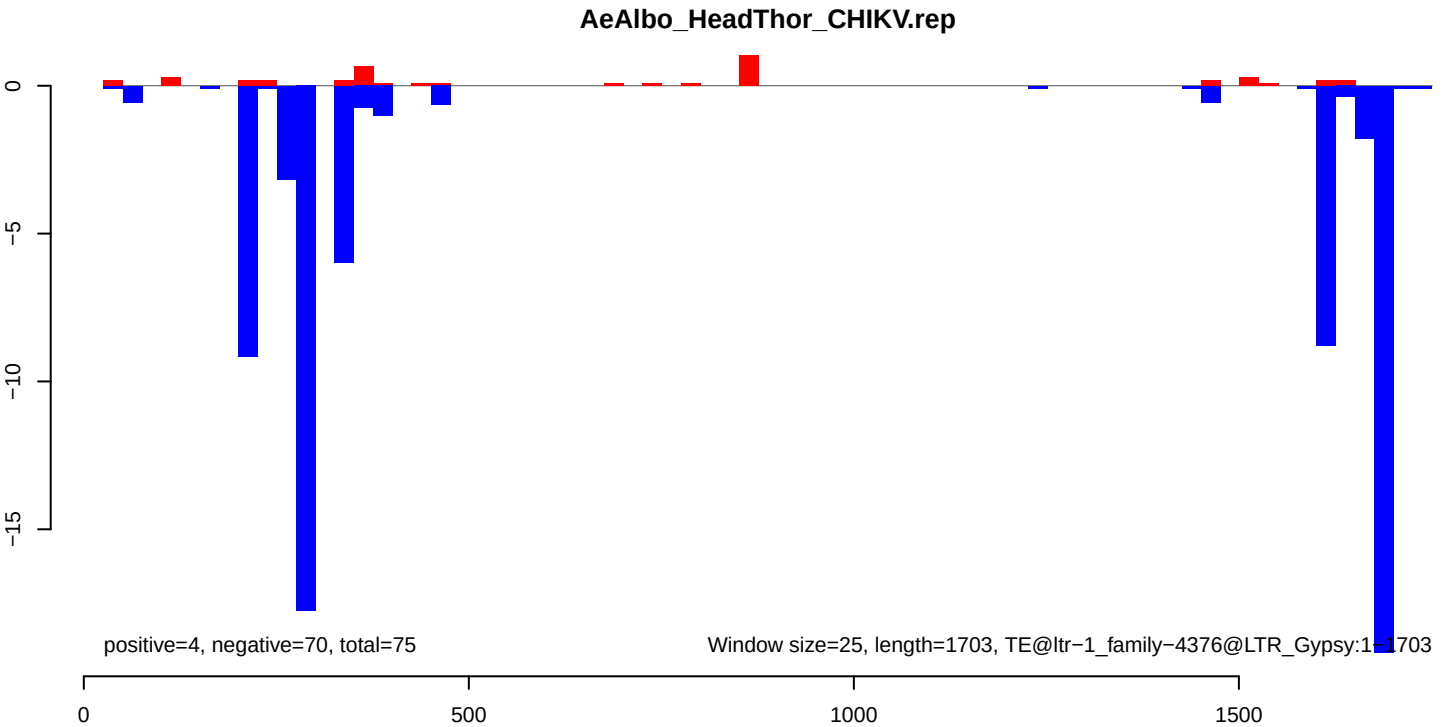

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=4, total=6
Window size=25, length=5132, TE@ltr−1_family−4555@LTR_Pao:1−5132
0
1000
2000
3000
4000
5000

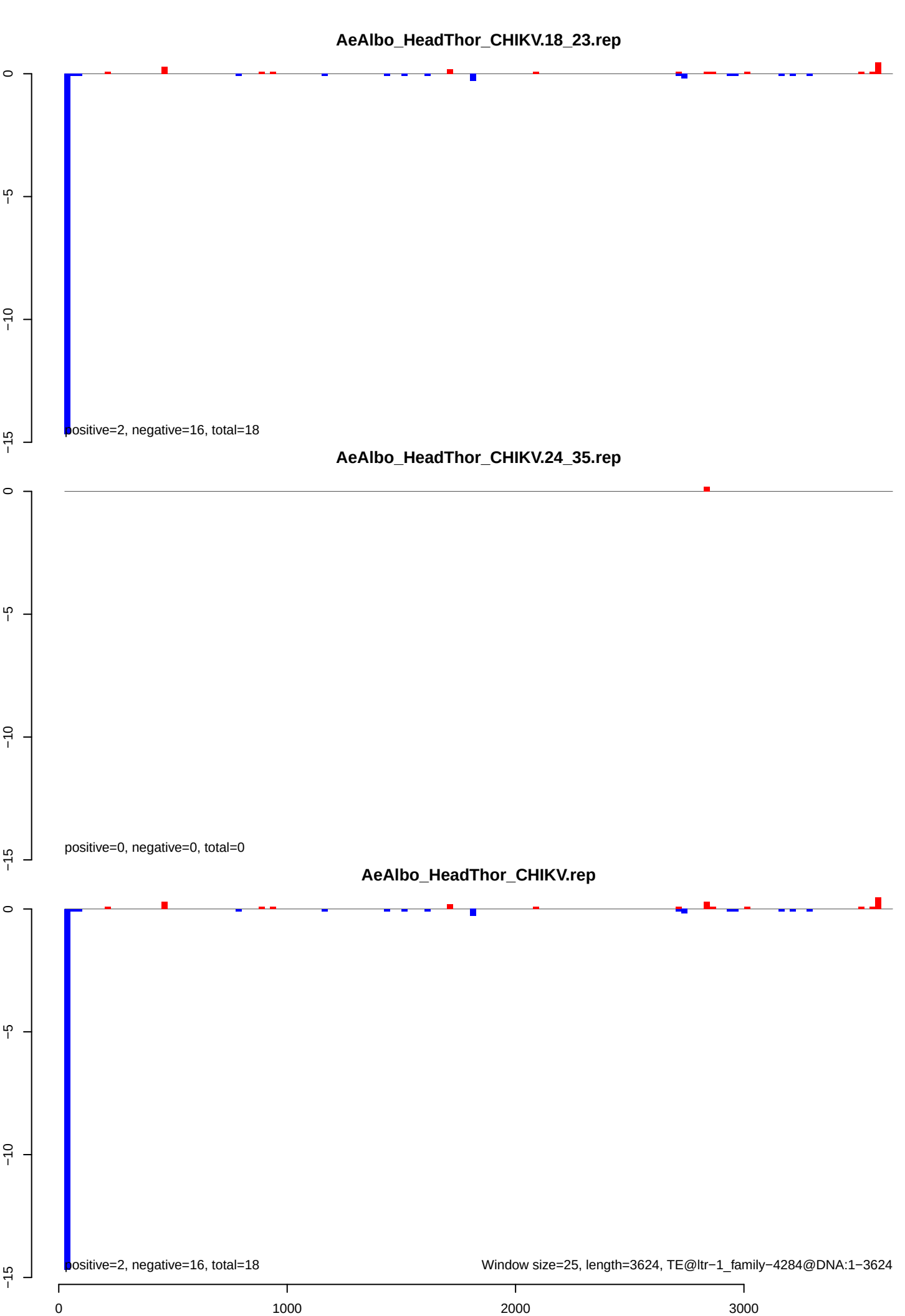

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
50
positive=53, negative=5, total=58
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
50
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
50
positive=53, negative=5, total=58
Window size=25, length=4567, TE@ltr−1_family−4513@LTR_Gypsy:1−4567
0
1000
2000
3000
4000

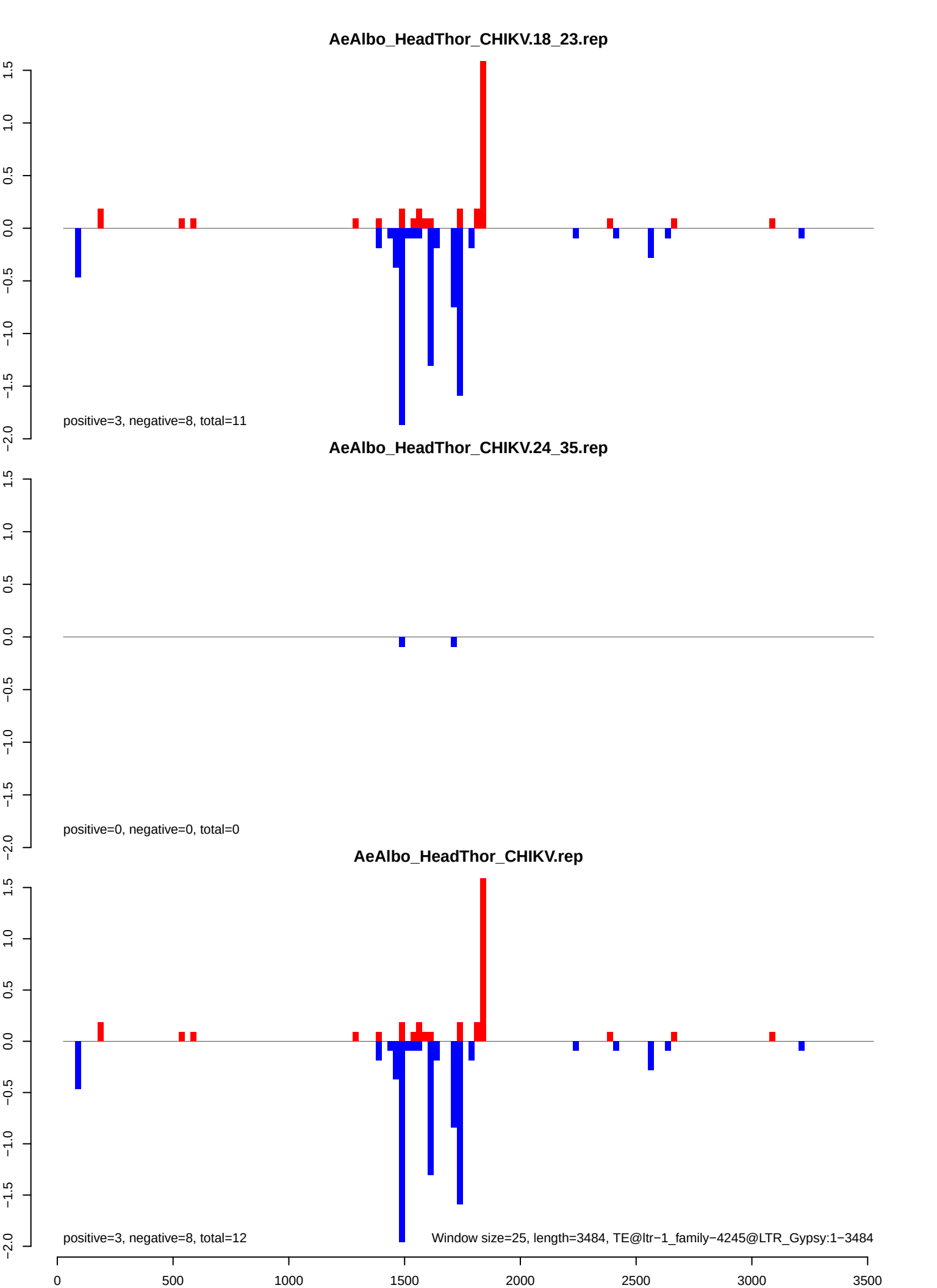

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=2, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=2, negative=6, total=8
Window size=25, length=4971, TE@ltr−1_family−4428@LINE_RTE−BovB:1−4971
0
1000
2000
3000
4000
5000

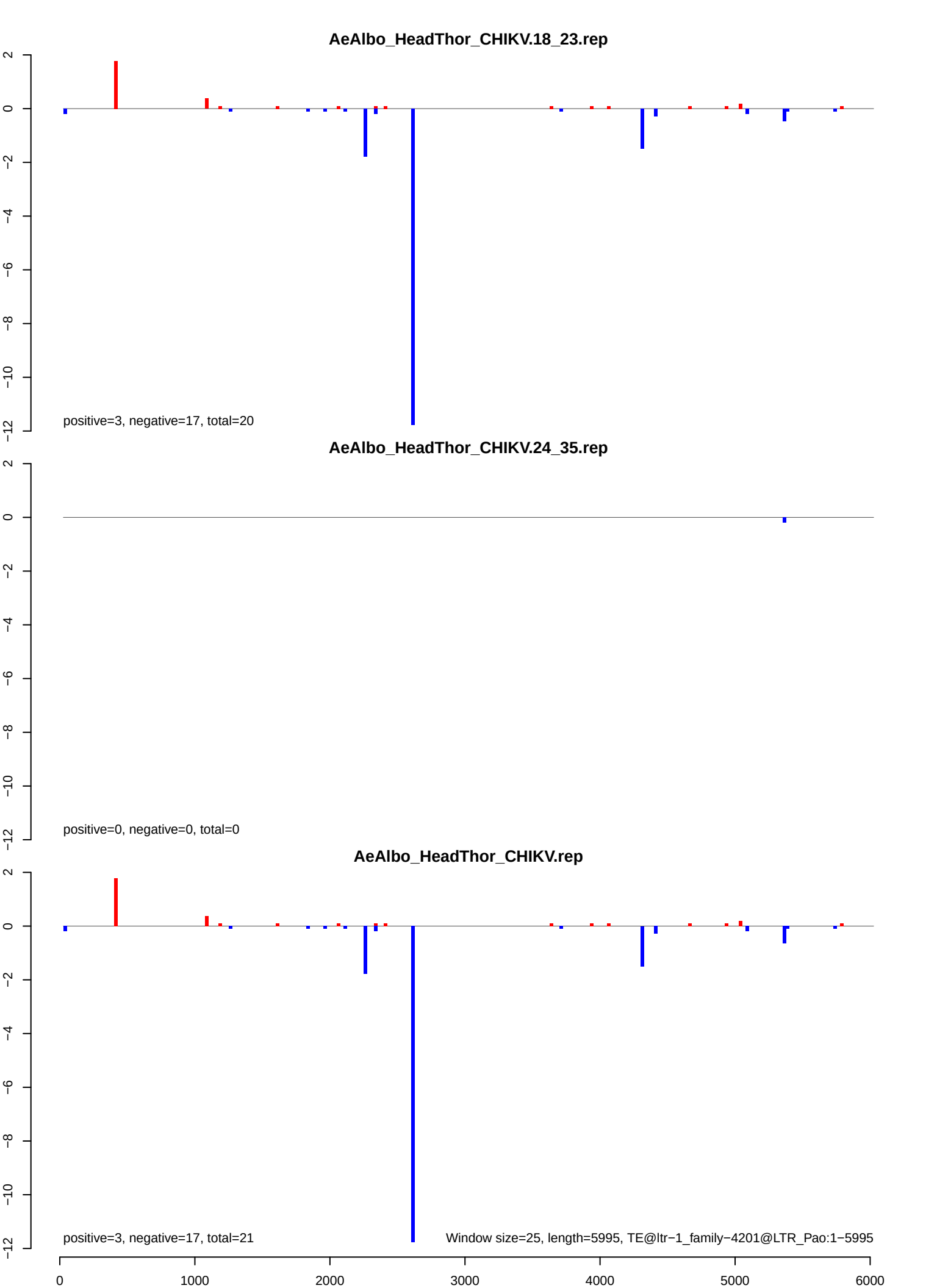

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
positive=3, negative=18, total=21

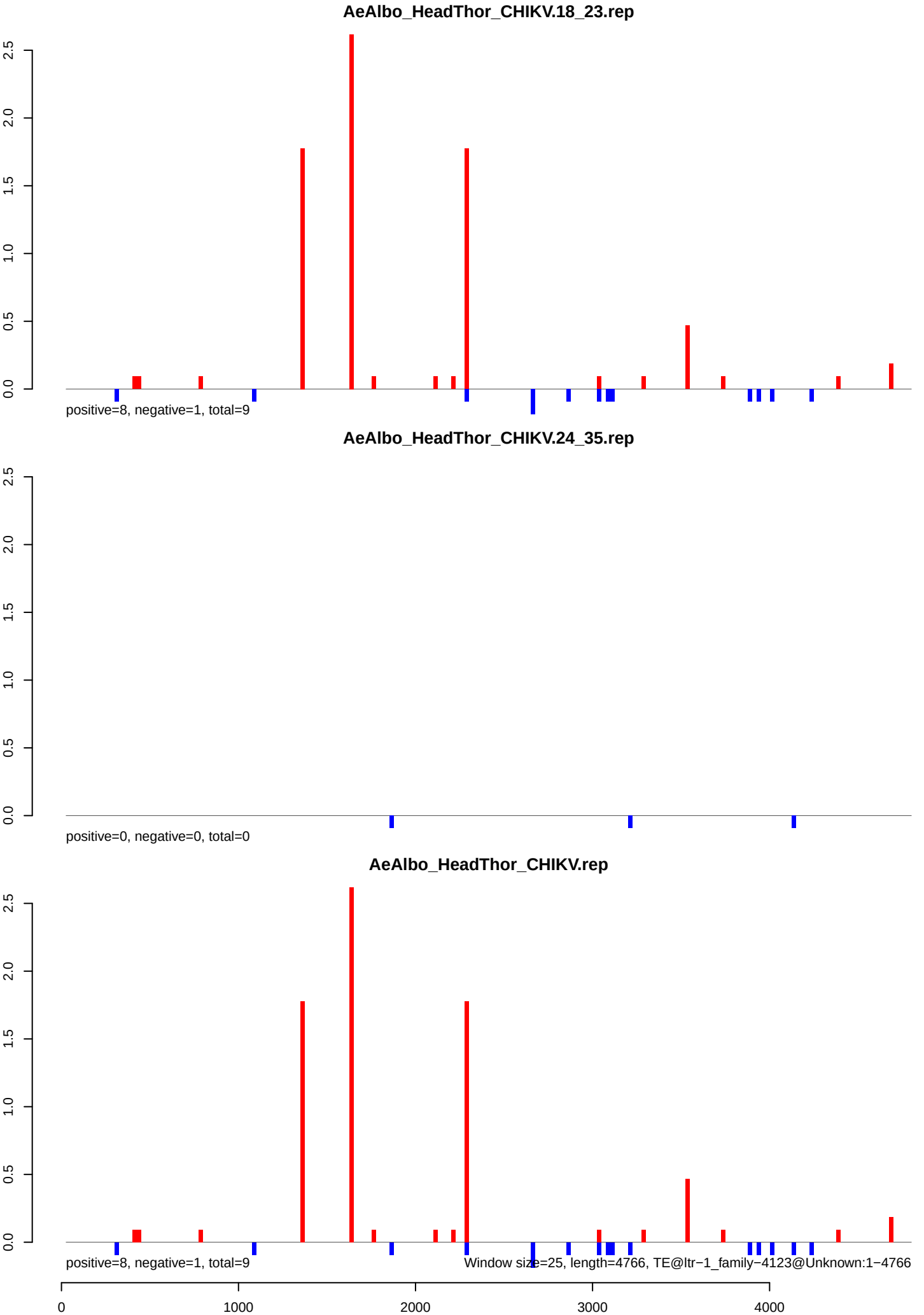

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
positive=1, negative=53, total=53

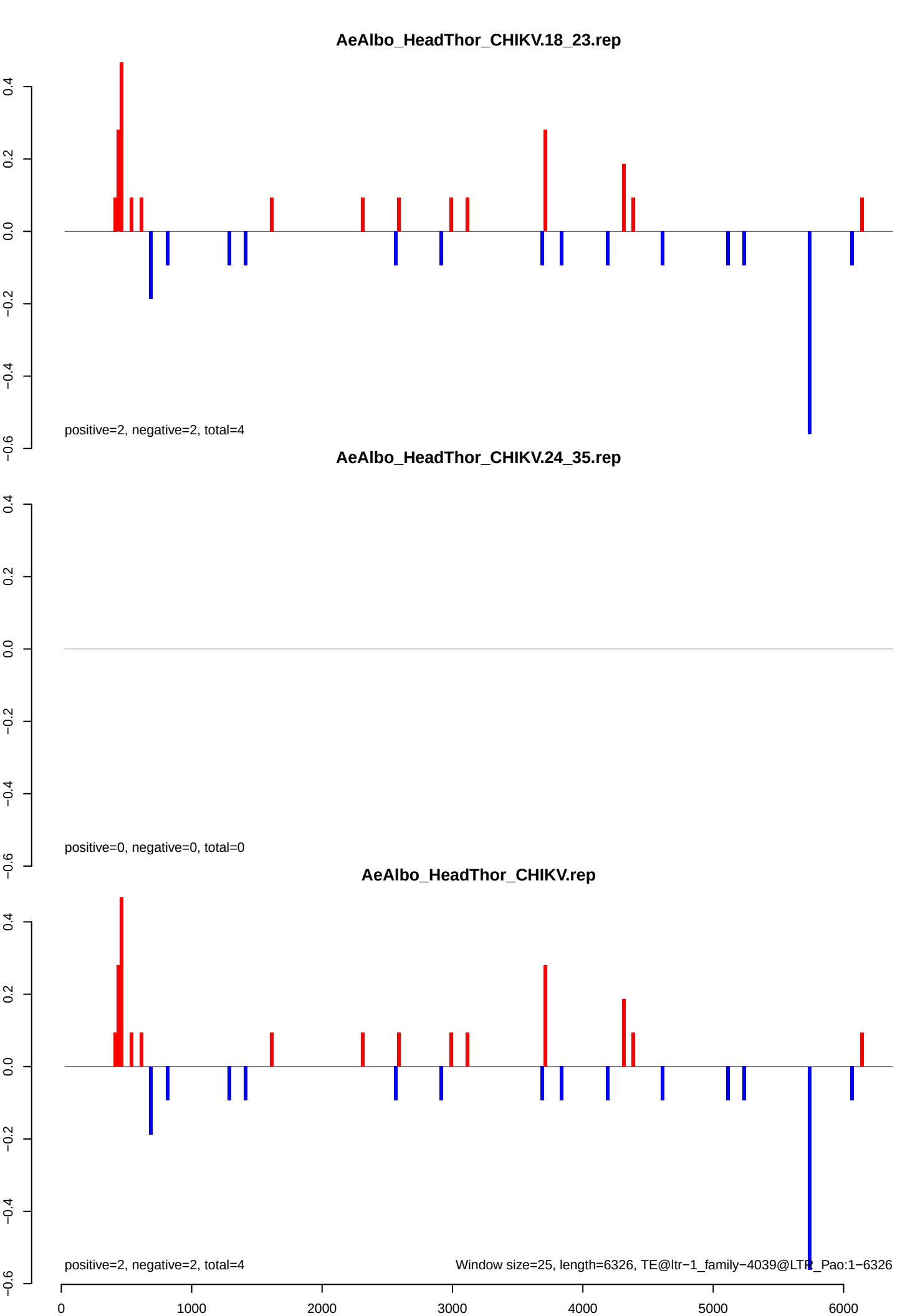

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=4, negative=70, total=75
Window size=25, length=1703, TE@ltr−1_family−4376@LTR_Gypsy:1−1703
0
500
1000
1500

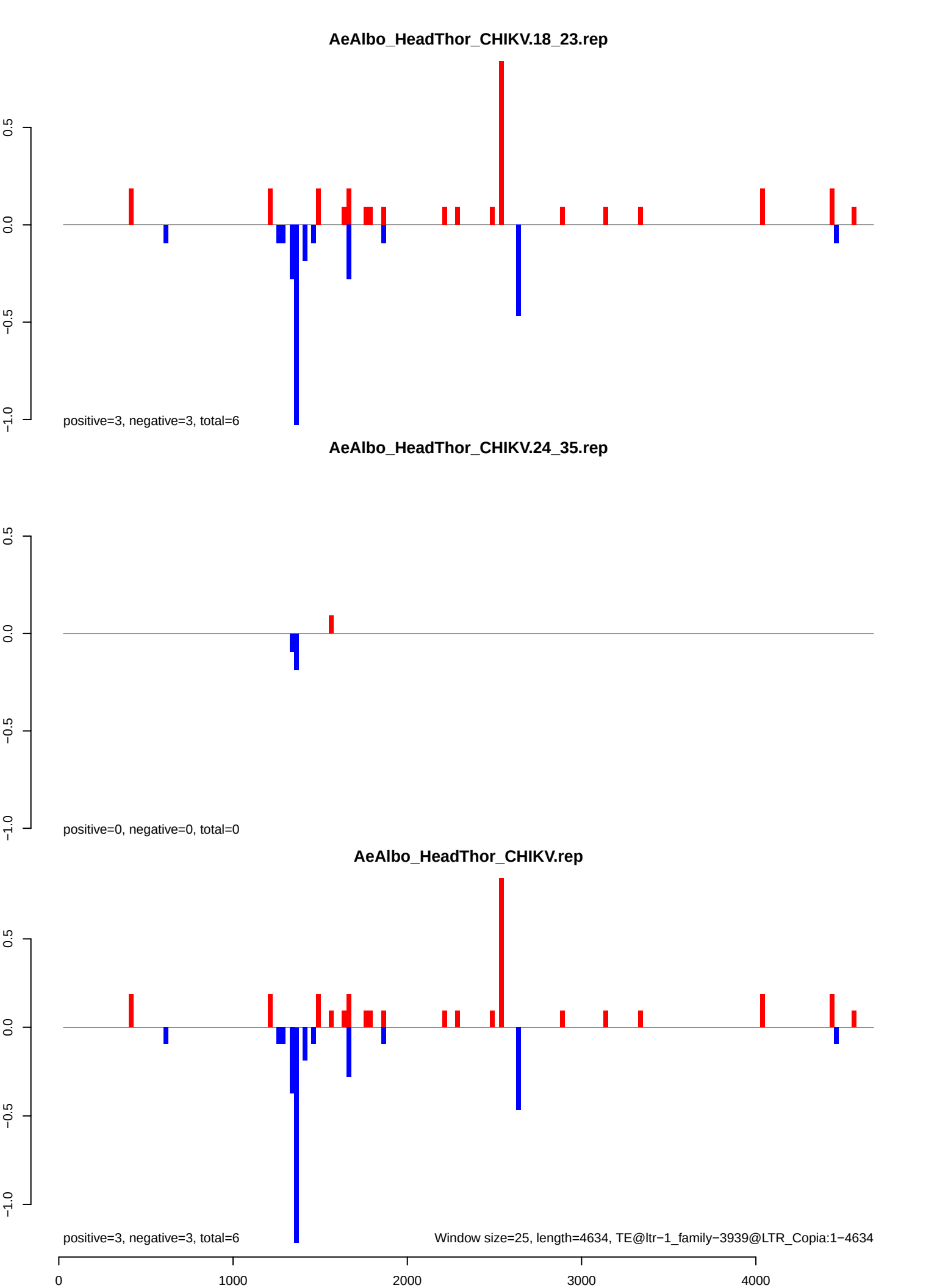

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=2, negative=16, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=2, negative=16, total=18
Window size=25, length=3624, TE@ltr−1_family−4284@DNA:1−3624
0
1000
2000
3000

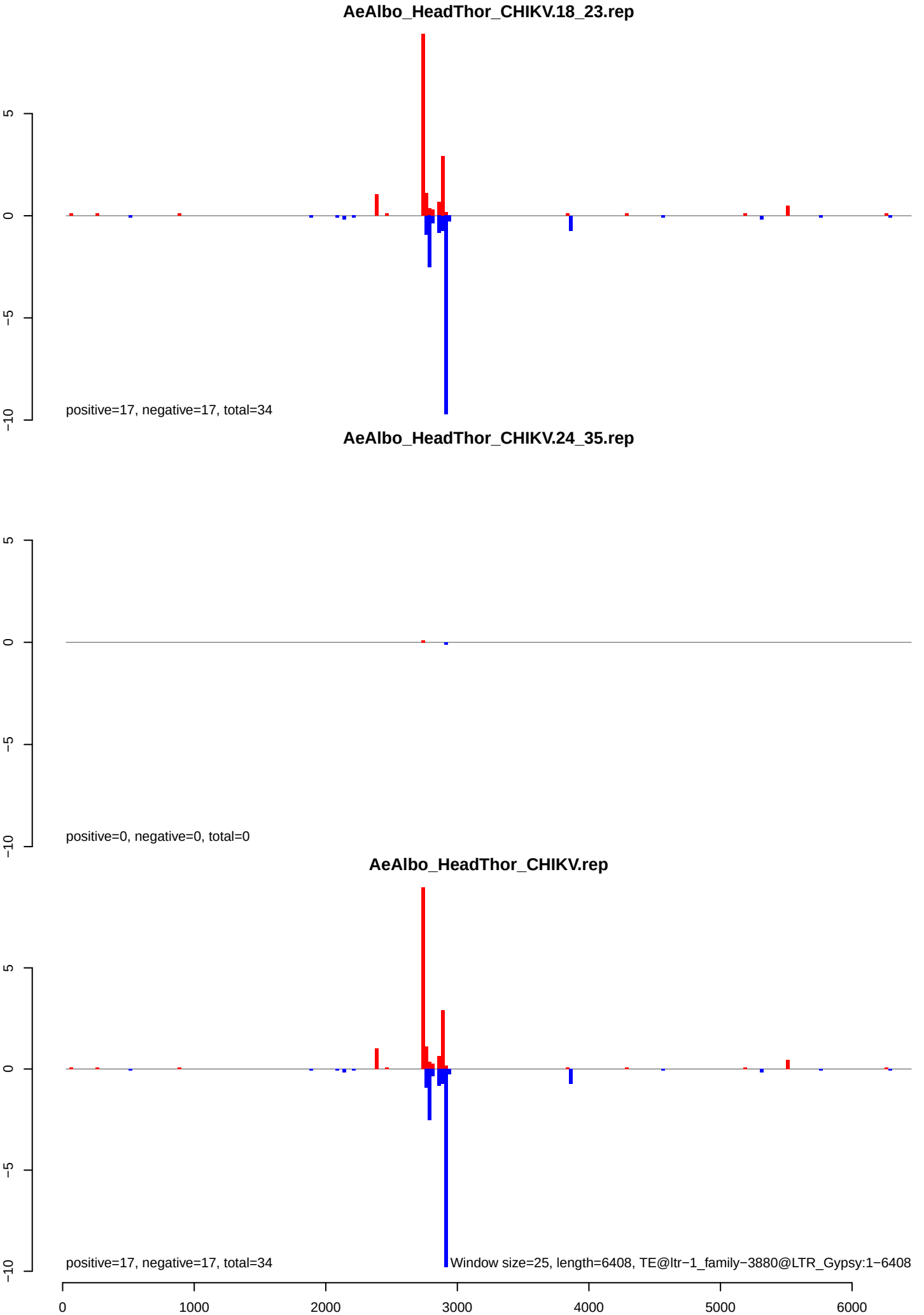

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=8, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=8, total=12
Window size=25, length=3484, TE@ltr−1_family−4245@LTR_Gypsy:1−3484
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
0
500
1000
1500
2000
2500
3000
3500

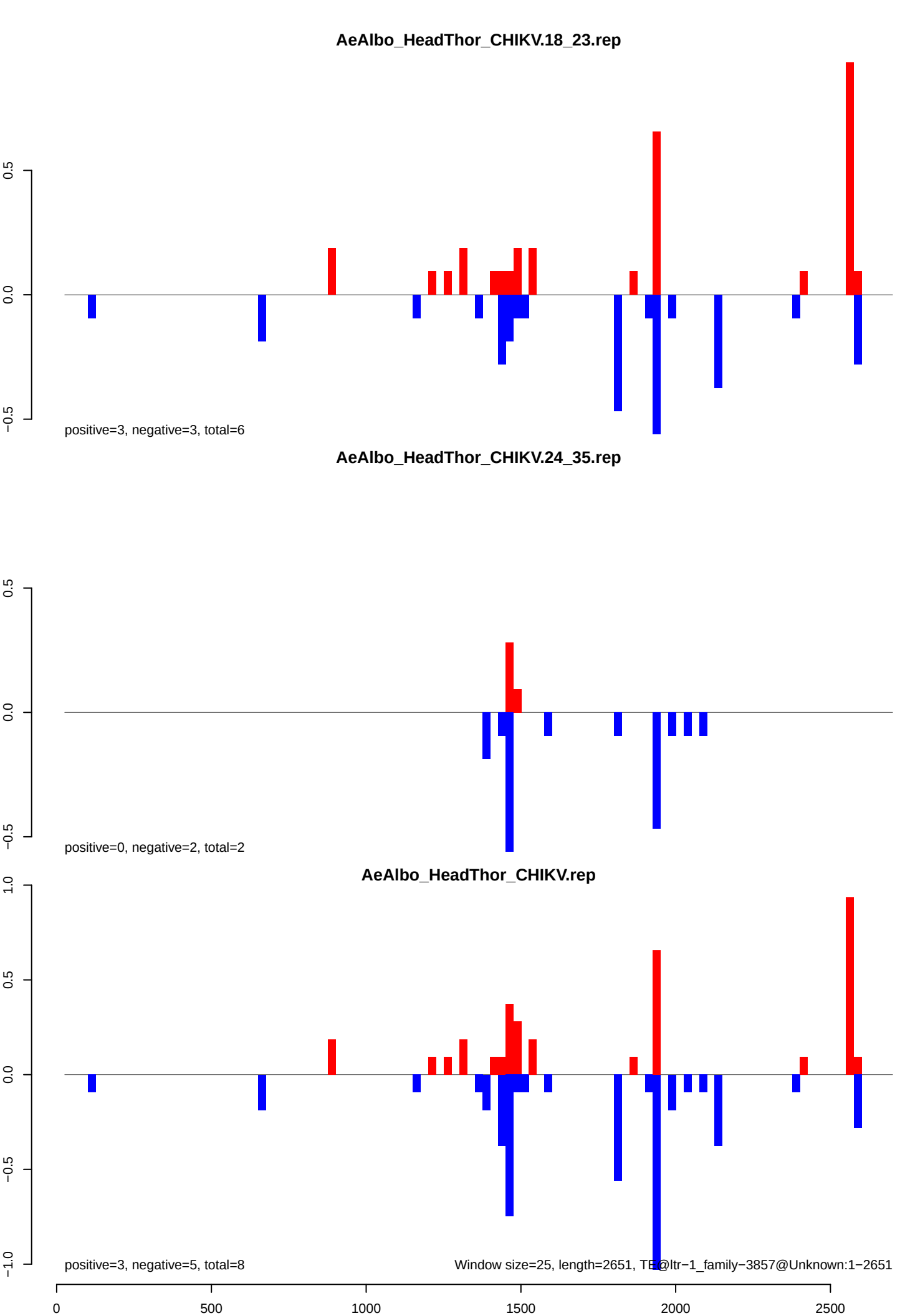

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=17, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=17, total=21
Window size=25, length=5995, TE@ltr−1_family−4201@LTR_Pao:1−5995
2
0
−2
−4
−6
−8
−10
−12
0
1000
2000
3000
4000
5000
6000

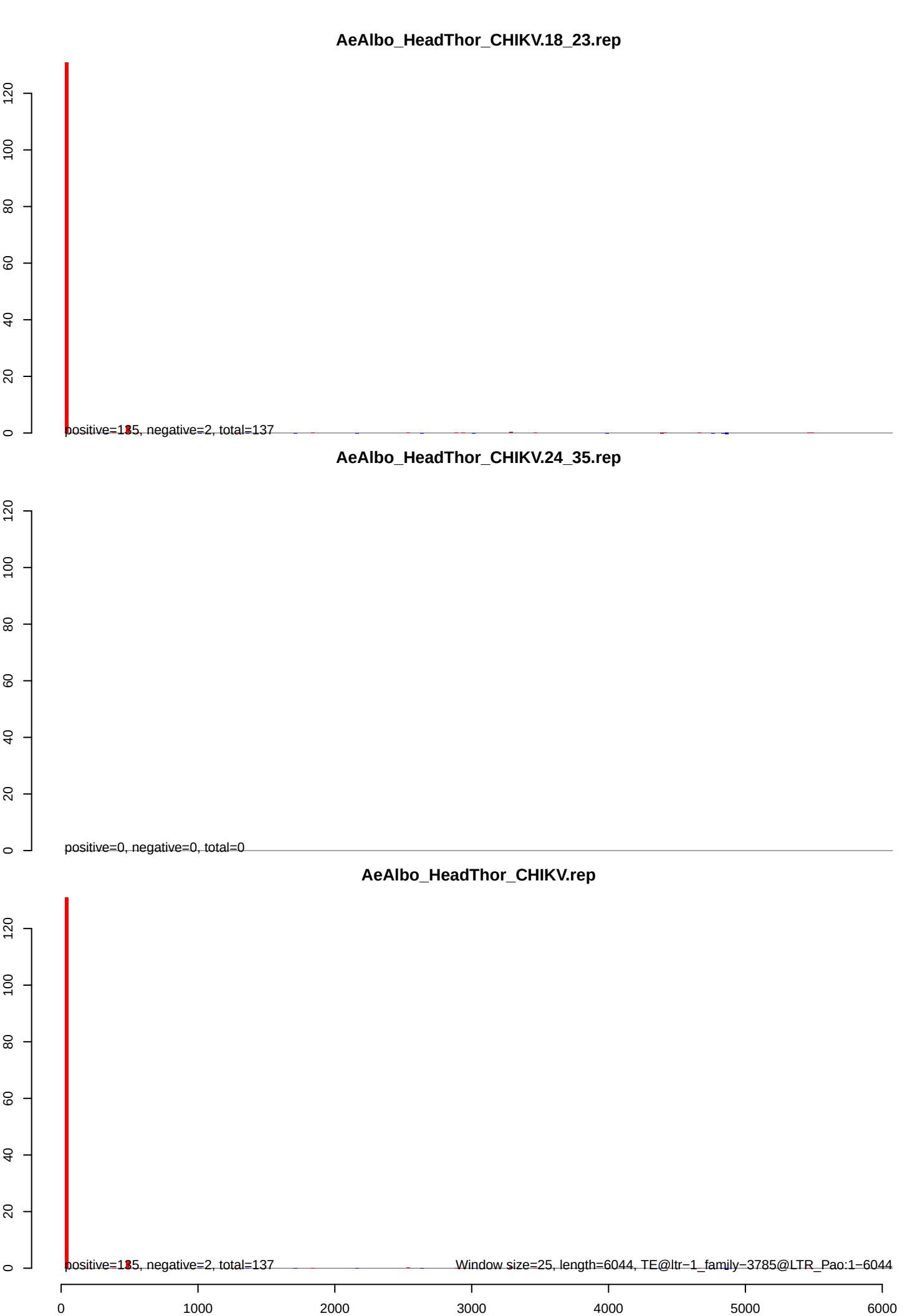

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=8, negative=1, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=8, negative=1, total=9
Window size=25, length=4766, TE@ltr−1_family−4123@Unknown:1−4766
0
1000
2000
3000
4000

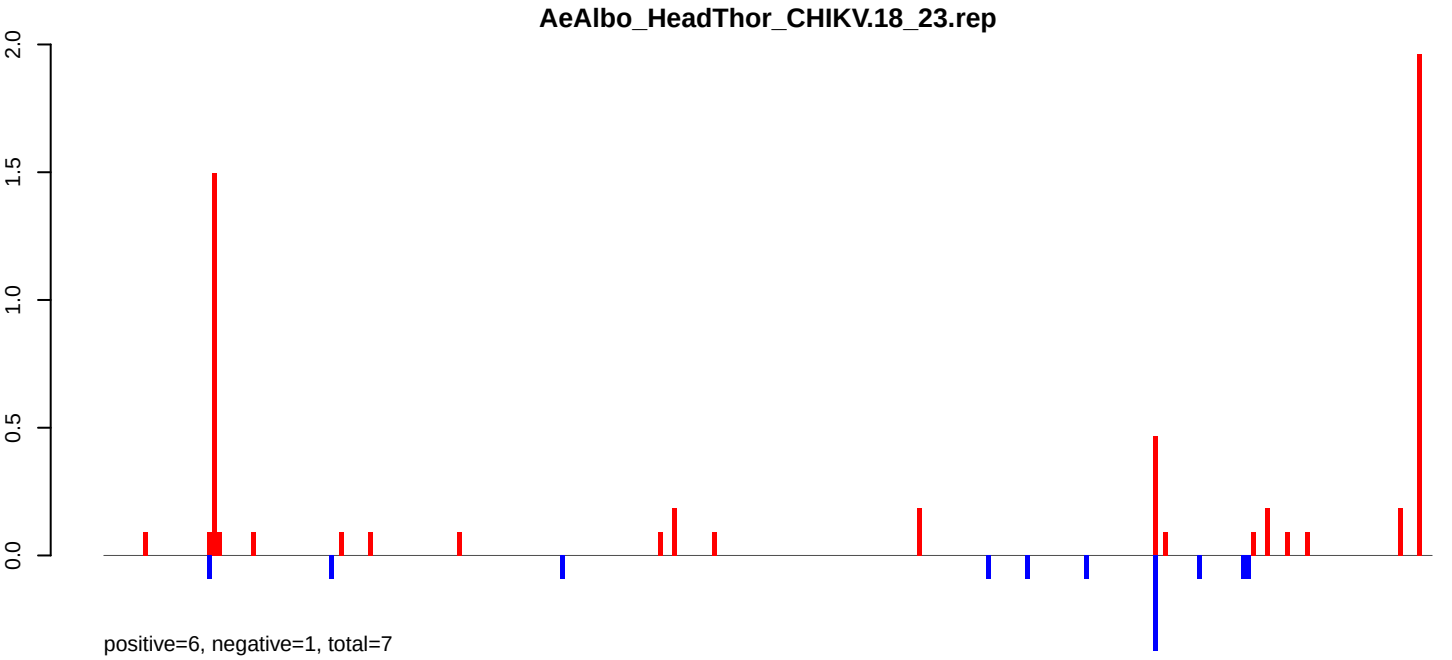

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=6326, TE@ltr−1_family−4039@LTR_Pao:1−6326
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000
5000
6000

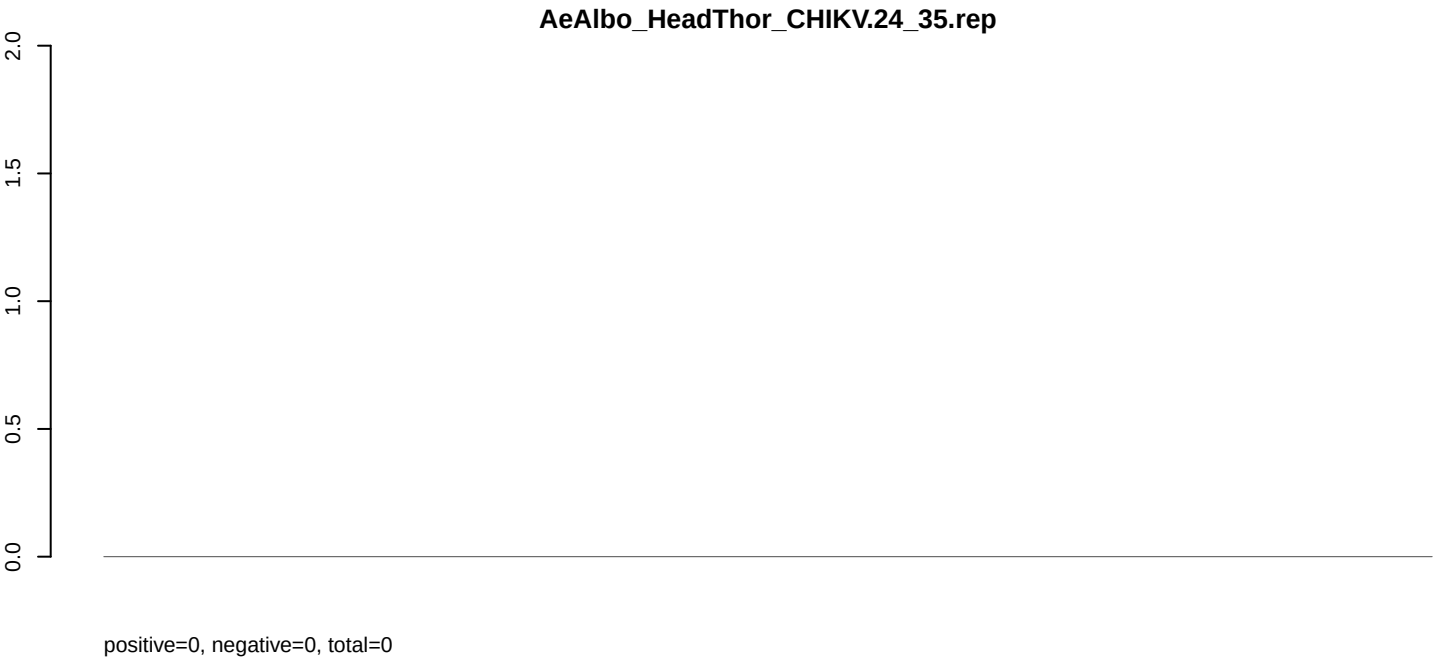

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
Window size=25, length=4634, TE@ltr−1_family−3939@LTR_Copia:1−4634
0
1000
2000
3000
4000

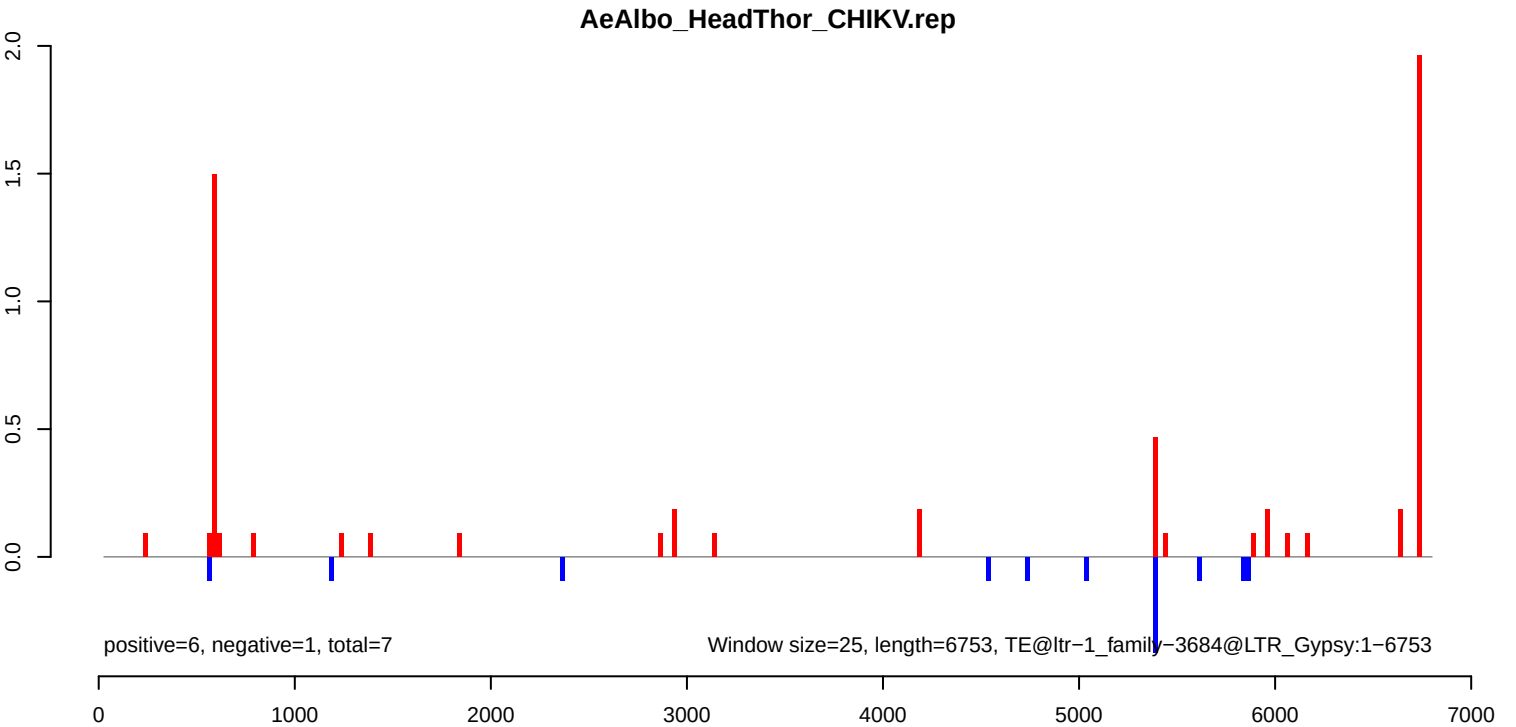

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=17, negative=17, total=34
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=17, negative=17, total=34
Window size=25, length=6408, TE@ltr−1_family−3880@LTR_Gypsy:1−6408
5
0
−5
−10
0
1000
2000
3000
4000
5000
6000

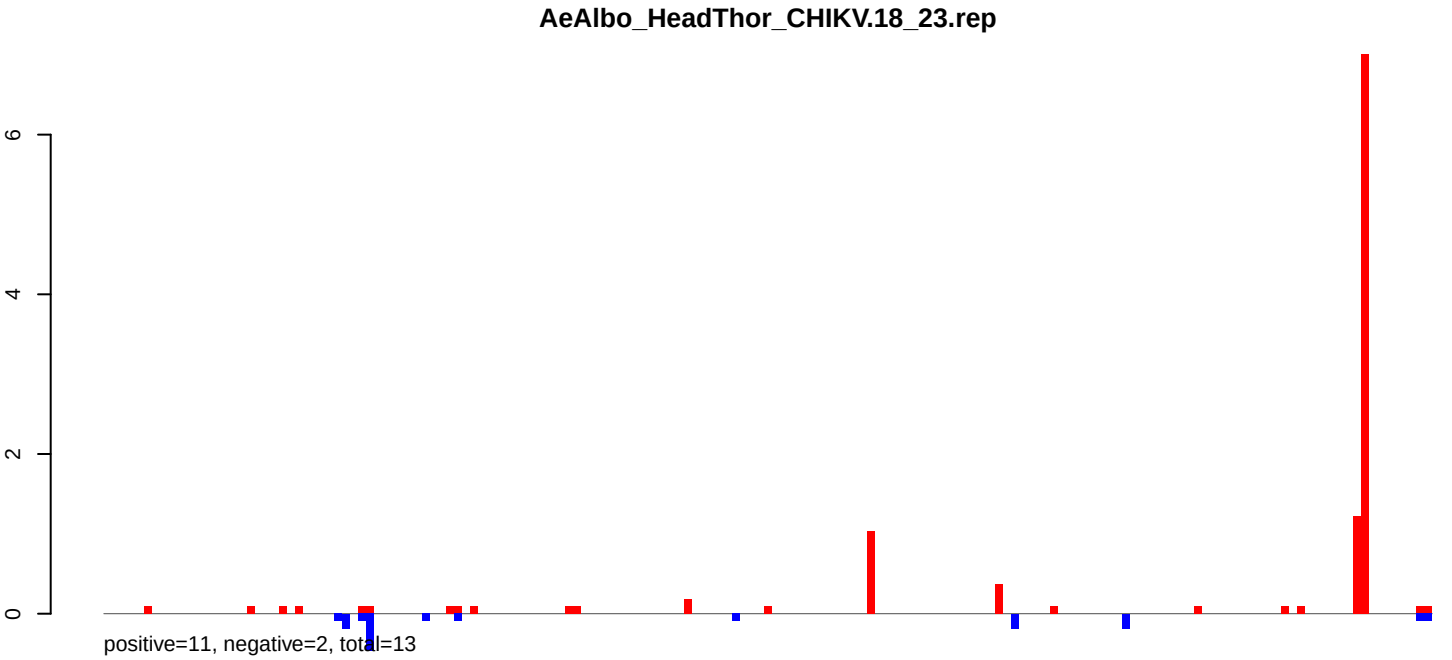

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=5, total=8
Window size=25, length=2651, TE@ltr−1_family−3857@Unknown:1−2651
0
500
1000
1500
2000
2500

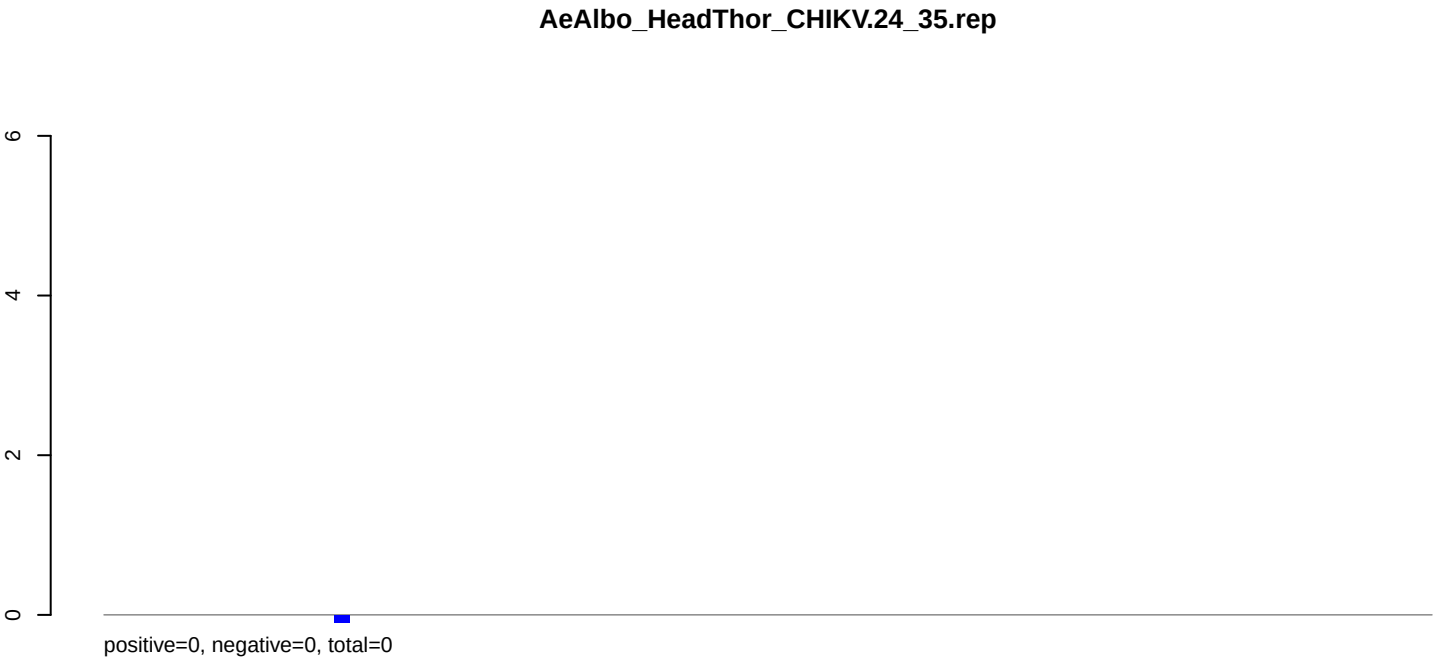

AeAlbo_HeadThor_CHIKV.18_23.rep
0
20
40
60
80
100
120
positive=135, negative=2, total=137
AeAlbo_HeadThor_CHIKV.24_35.rep
0
20
40
60
80
100
120
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
20
40
60
80
100
120
positive=135, negative=2, total=137
Window size=25, length=6044, TE@ltr−1_family−3785@LTR_Pao:1−6044
0
1000
2000
3000
4000
5000
6000

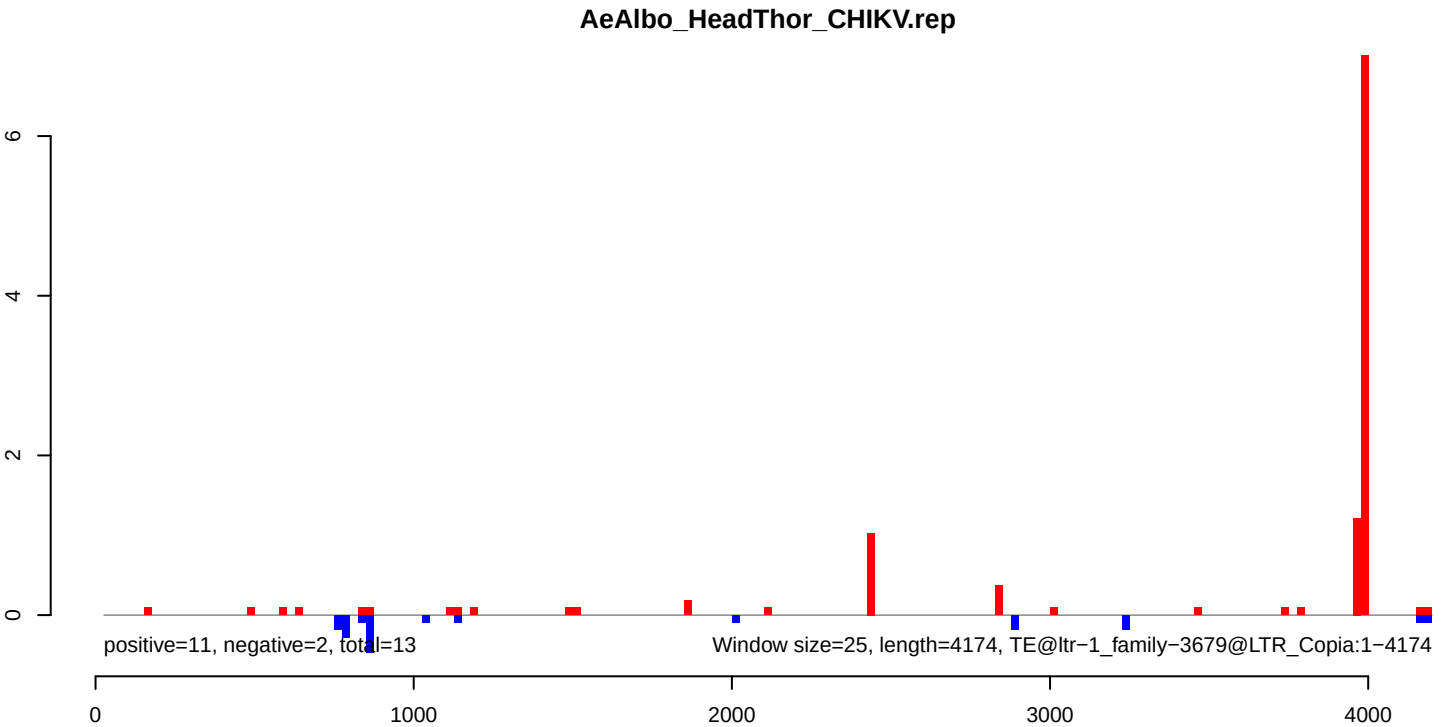

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=6, negative=1, total=7

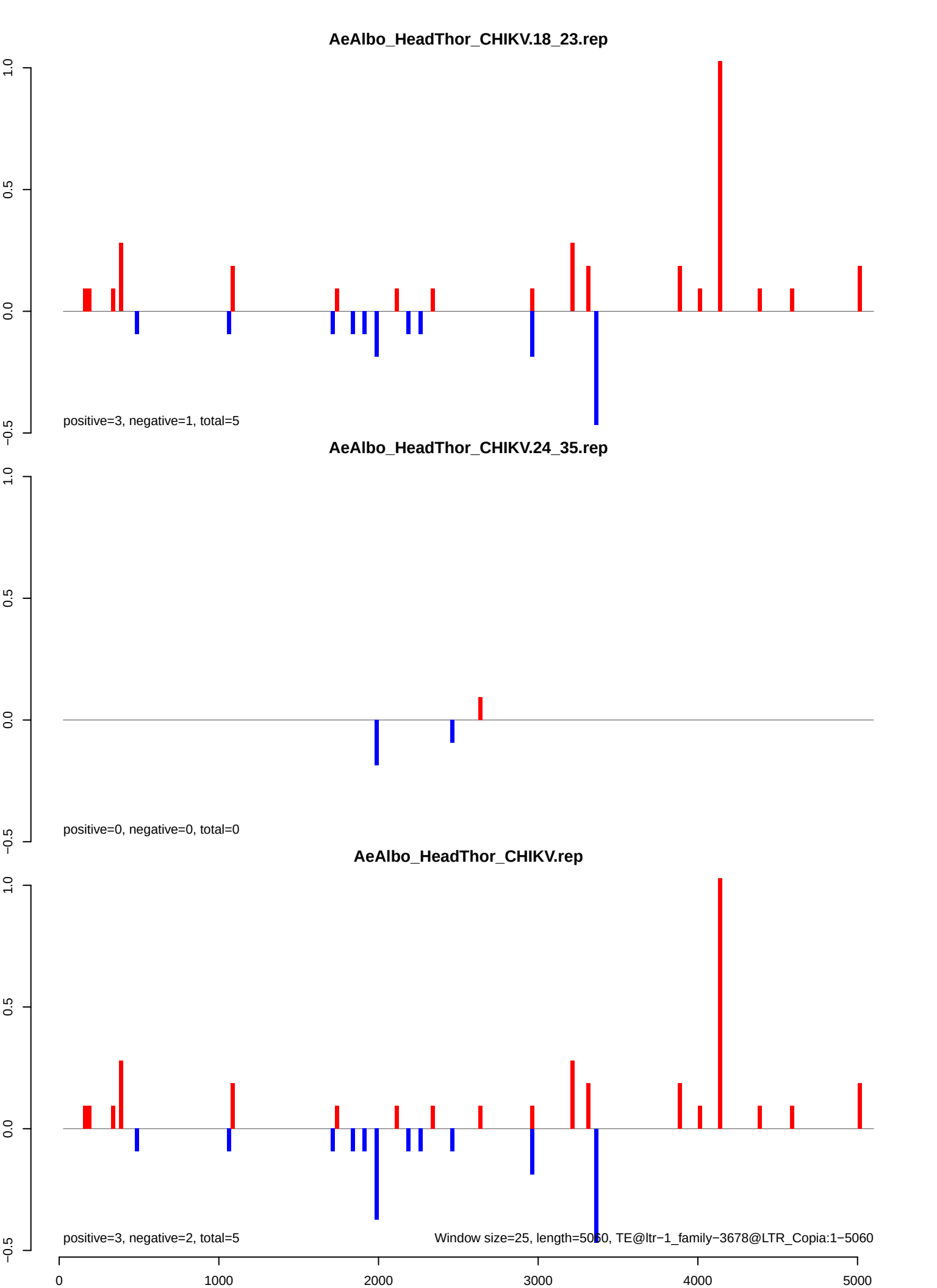

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

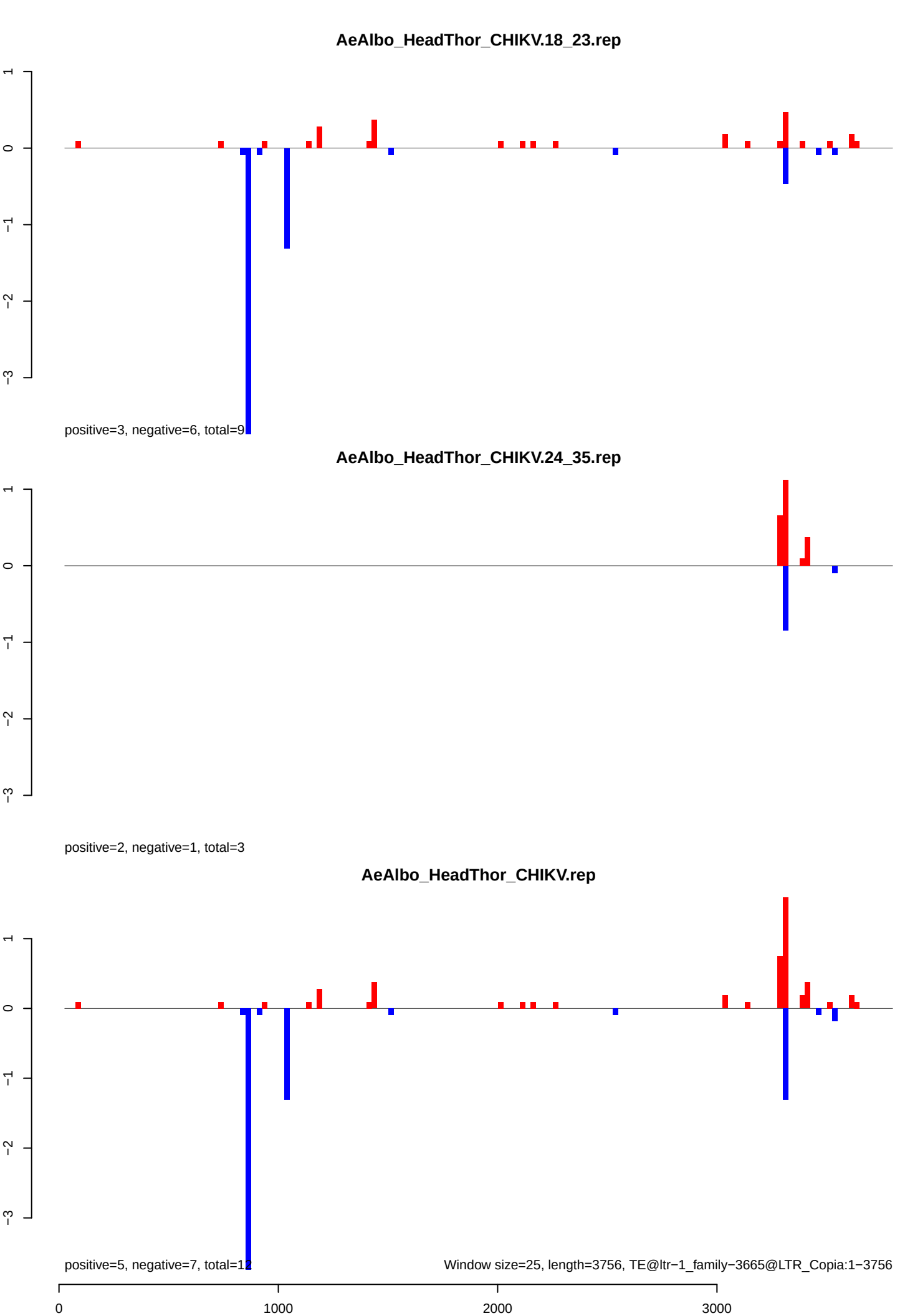

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=6, negative=1, total=7
Window size=25, length=6753, TE@ltr−1_family−3684@LTR_Gypsy:1−6753
0
1000
2000
3000
4000
5000
6000
7000

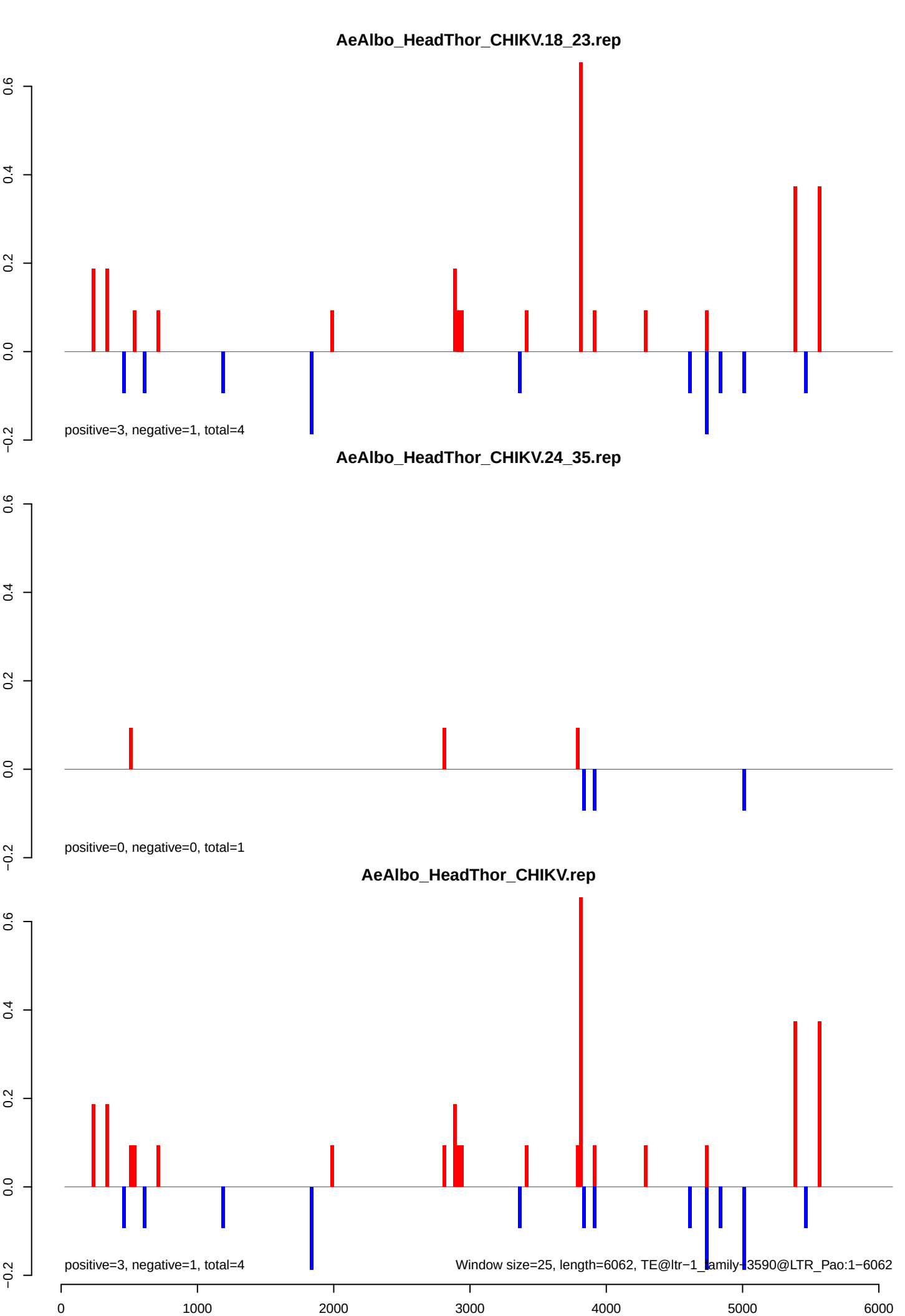

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
positive=11, negative=2, total=13

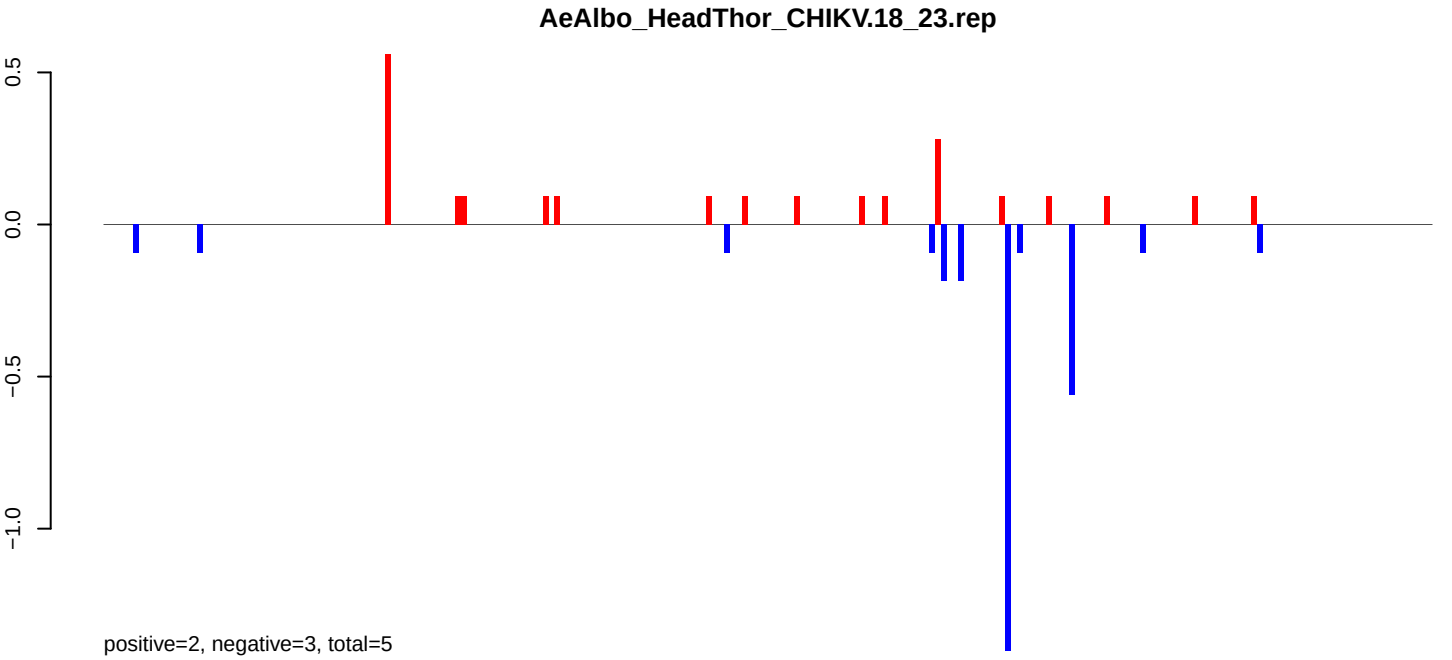

AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
positive=0, negative=0, total=0

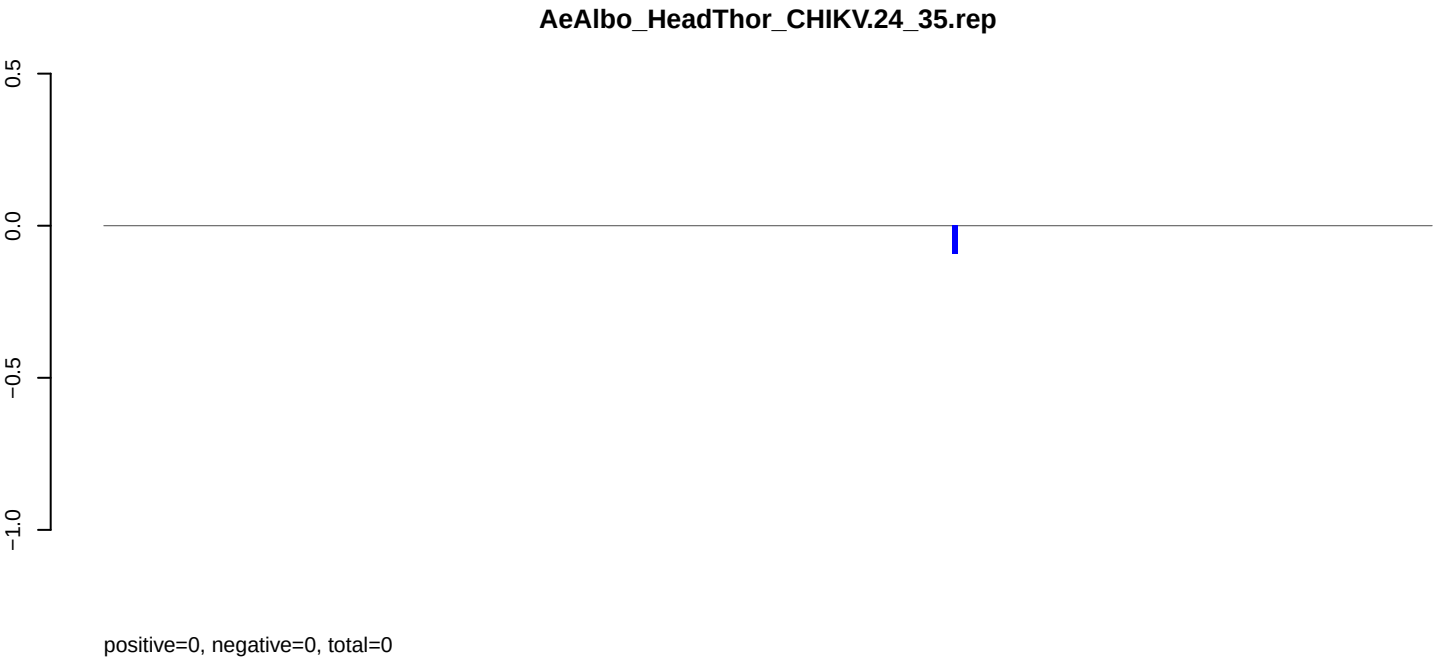

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
positive=11, negative=2, total=13
Window size=25, length=4174, TE@ltr−1_family−3679@LTR_Copia:1−4174
0
1000
2000
3000
4000

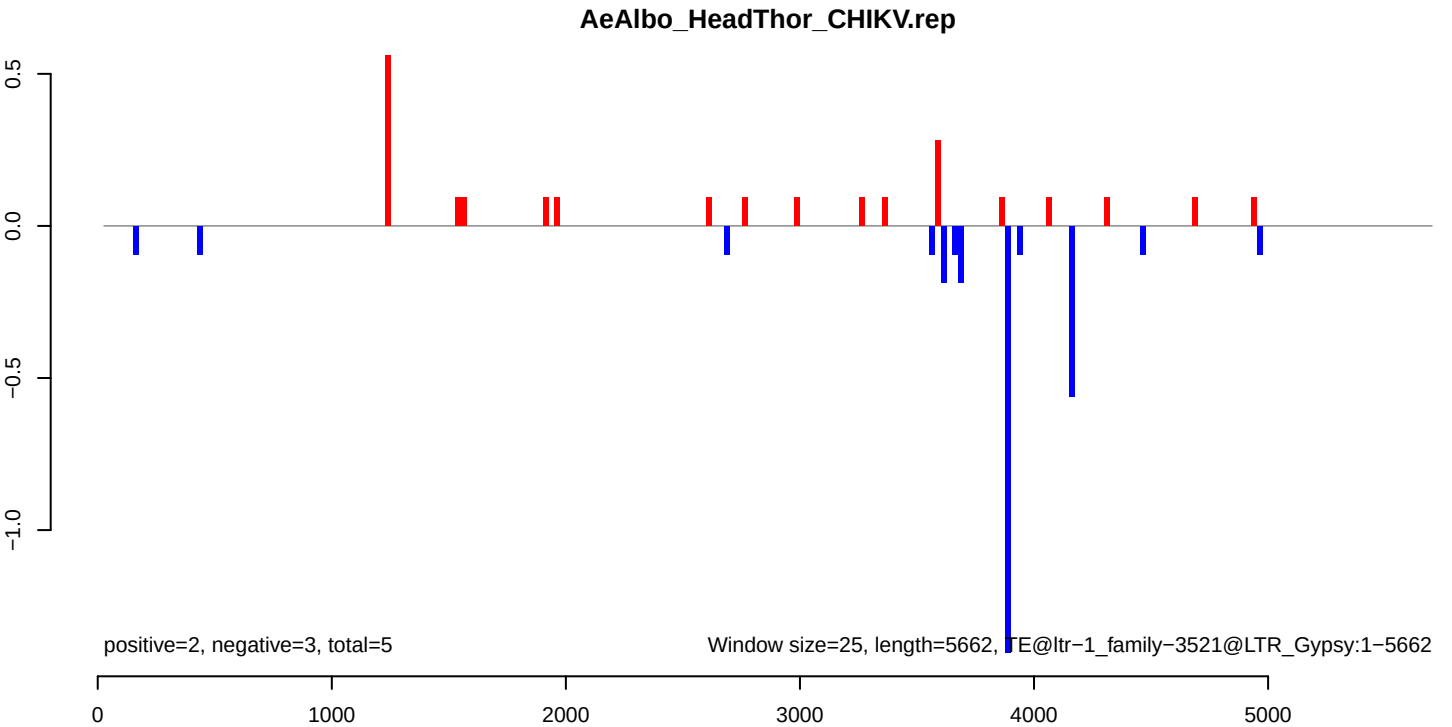

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=3, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=5
Window size=25, length=5060, TE@ltr−1_family−3678@LTR_Copia:1−5060
0
1000
2000
3000
4000
5000

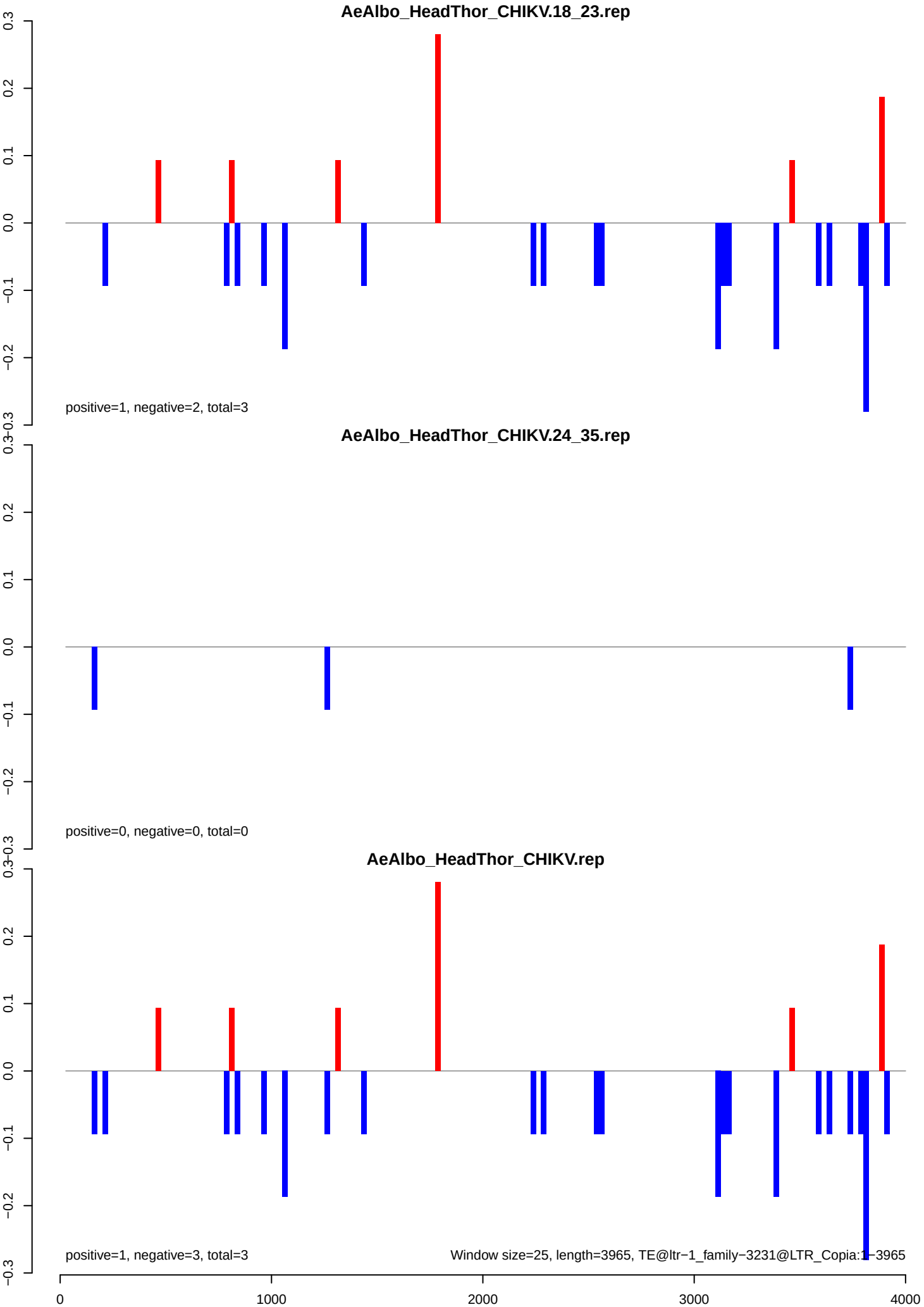

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
positive=3, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
positive=5, negative=7, total=12
Window size=25, length=3756, TE@ltr−1_family−3665@LTR_Copia:1−3756
0
1000
2000
3000

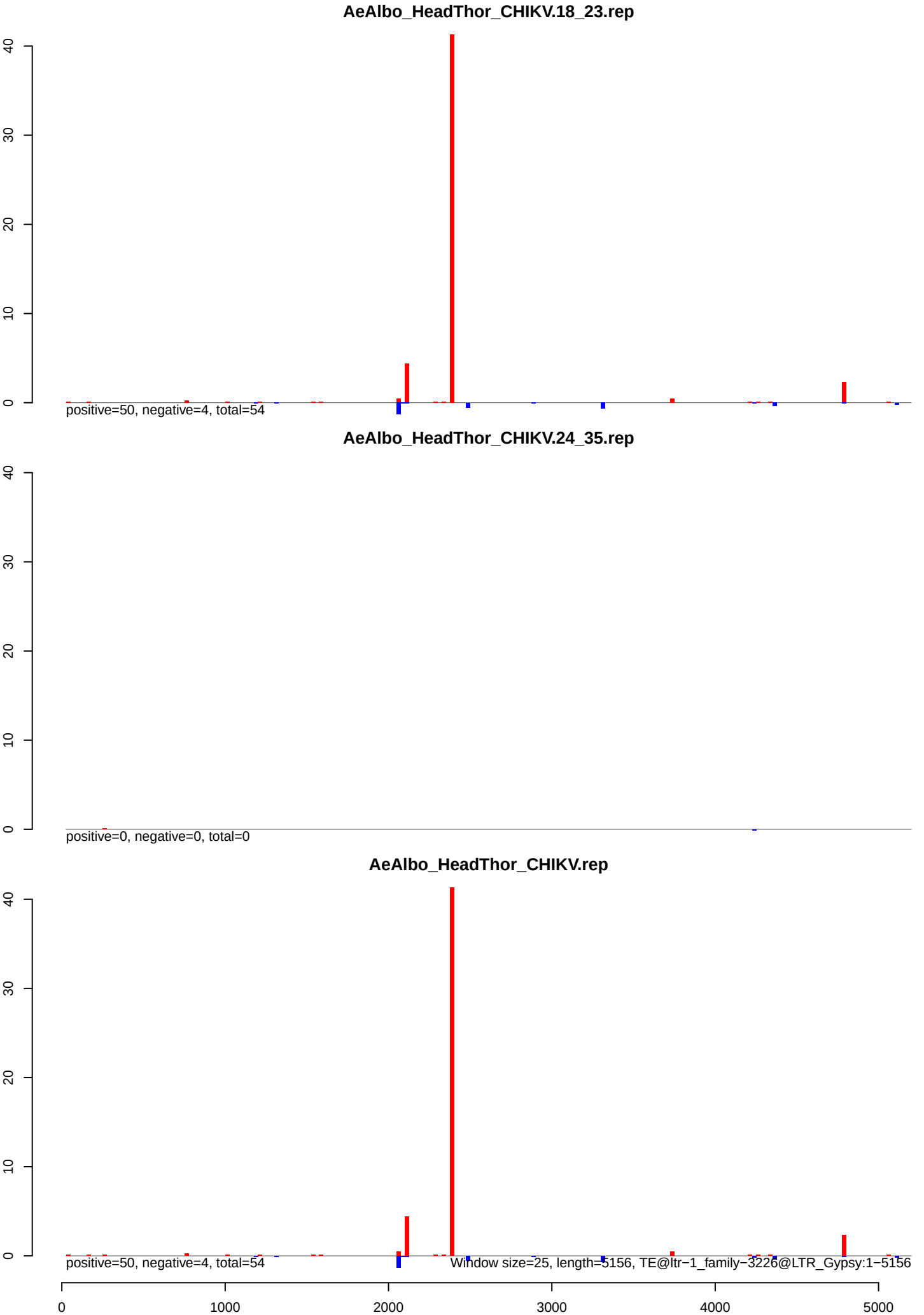

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
Window size=25, length=6062, TE@ltr−1_family−3590@LTR_Pao:1−6062
0
1000
2000
3000
4000
5000
6000

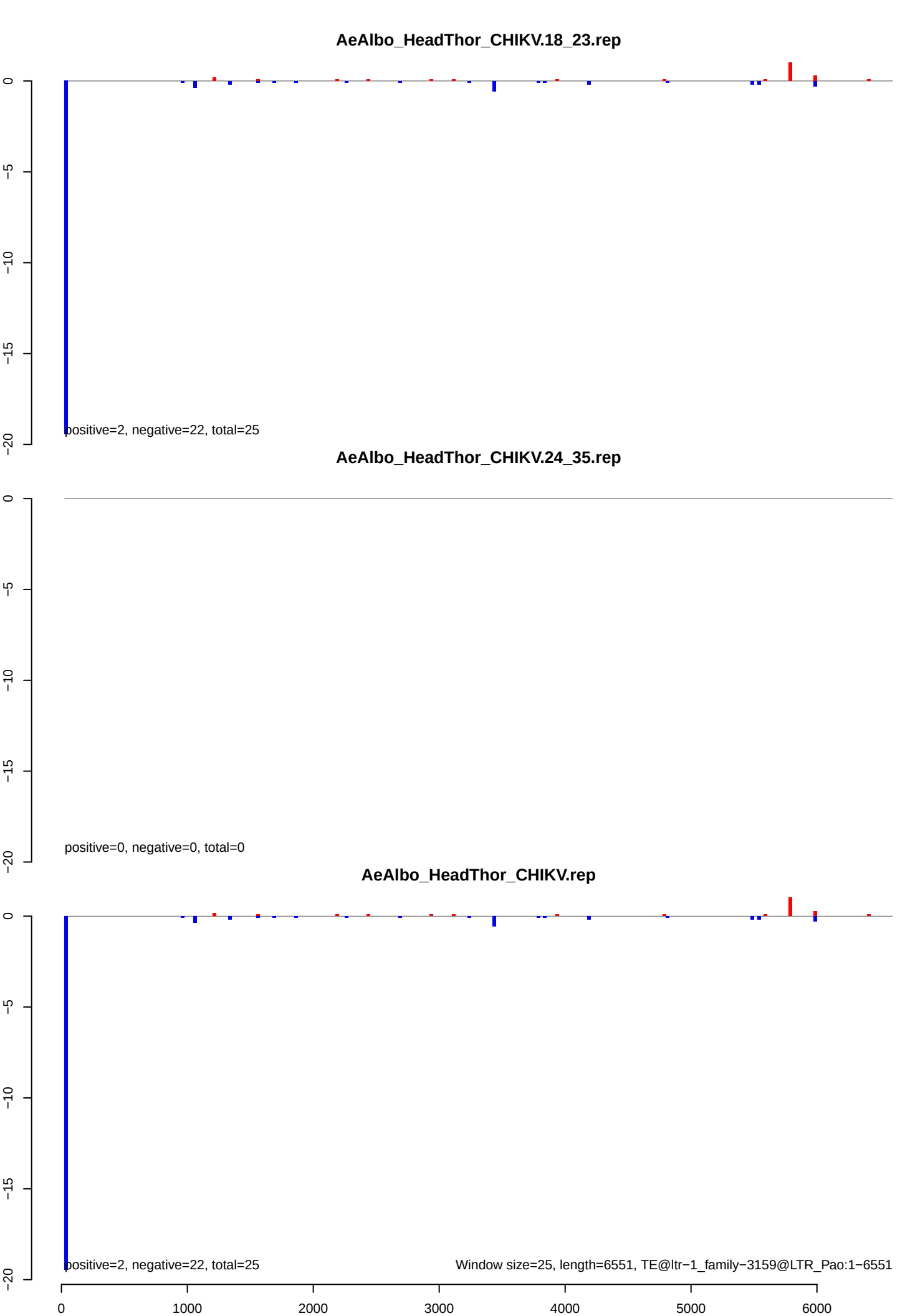

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5

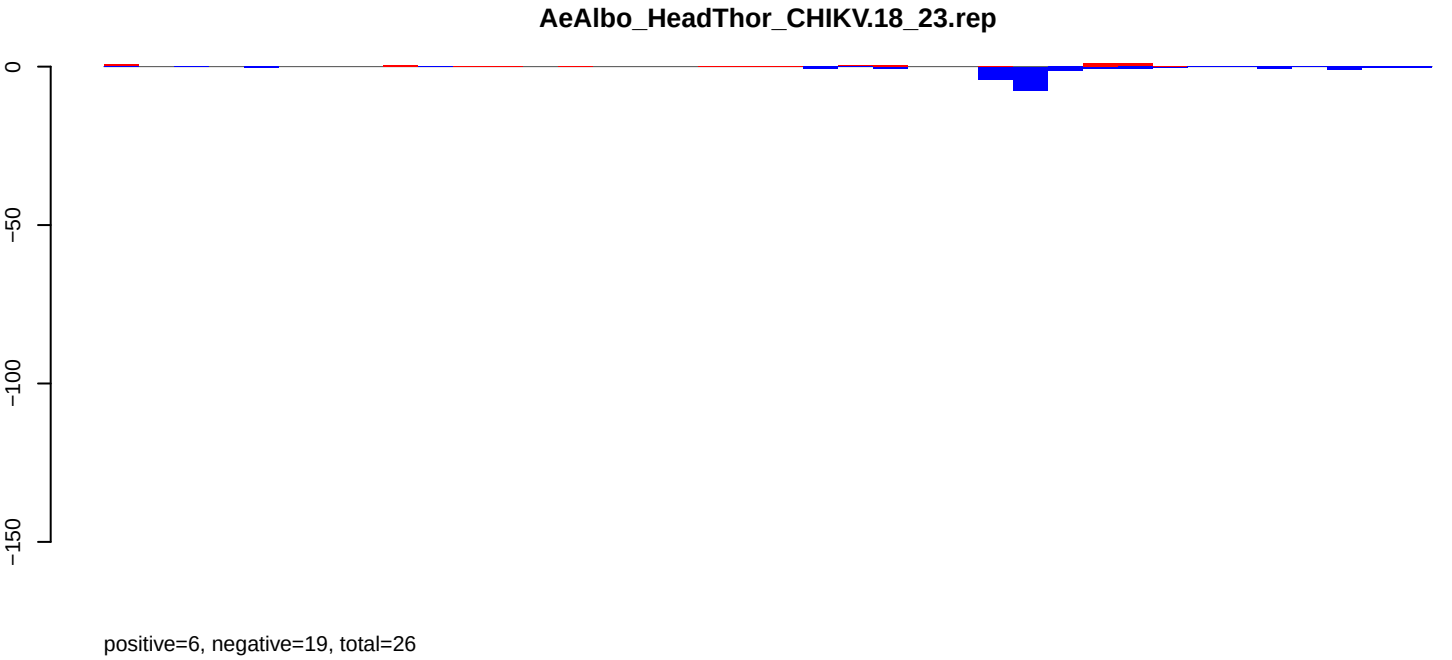

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

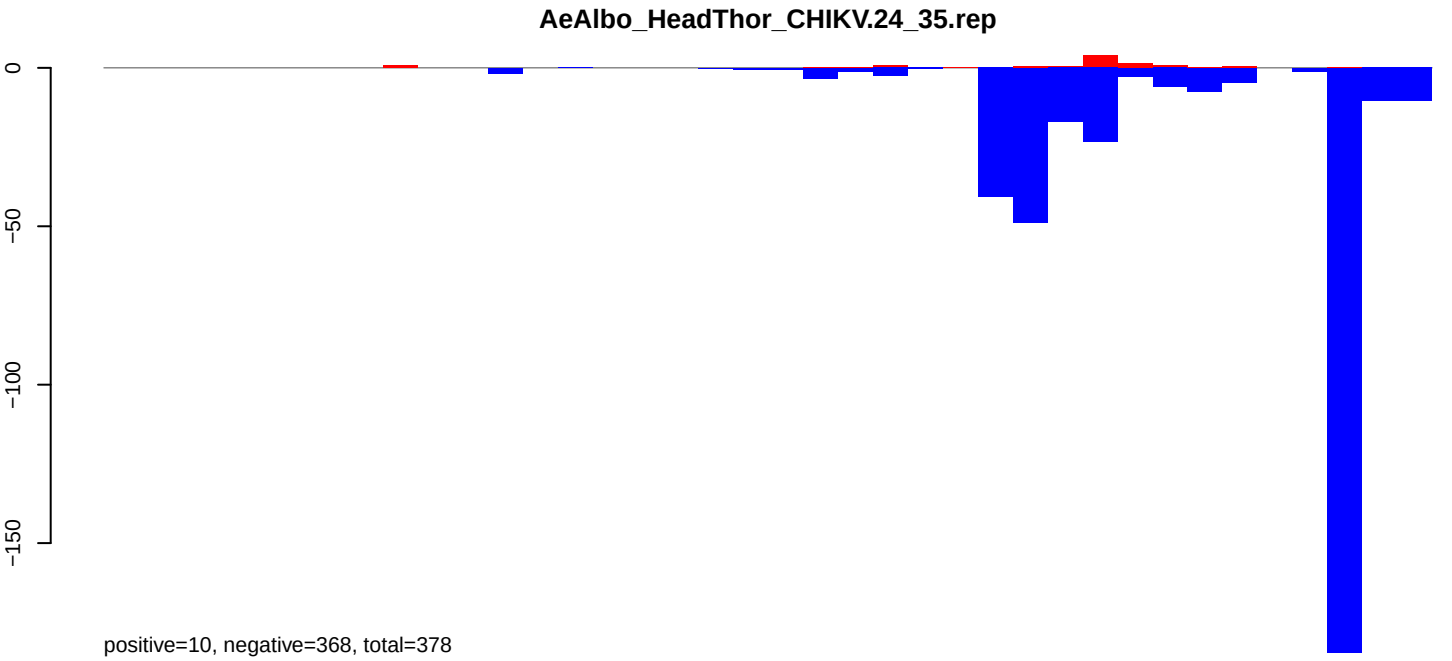

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5
Window size=25, length=5662, TE@ltr−1_family−3521@LTR_Gypsy:1−5662
0
1000
2000
3000
4000
5000

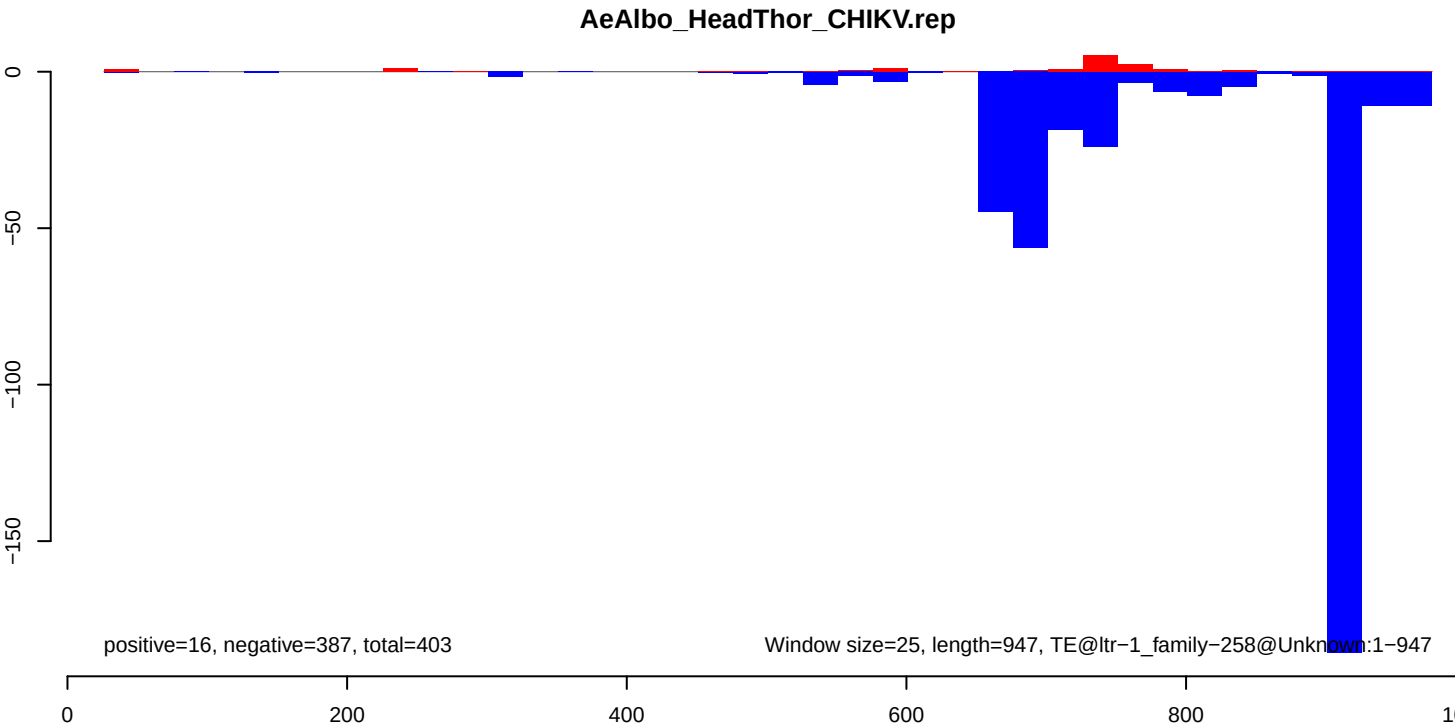

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=3, total=3
Window size=25, length=3965, TE@ltr−1_family−3231@LTR_Copia:1−3965
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000

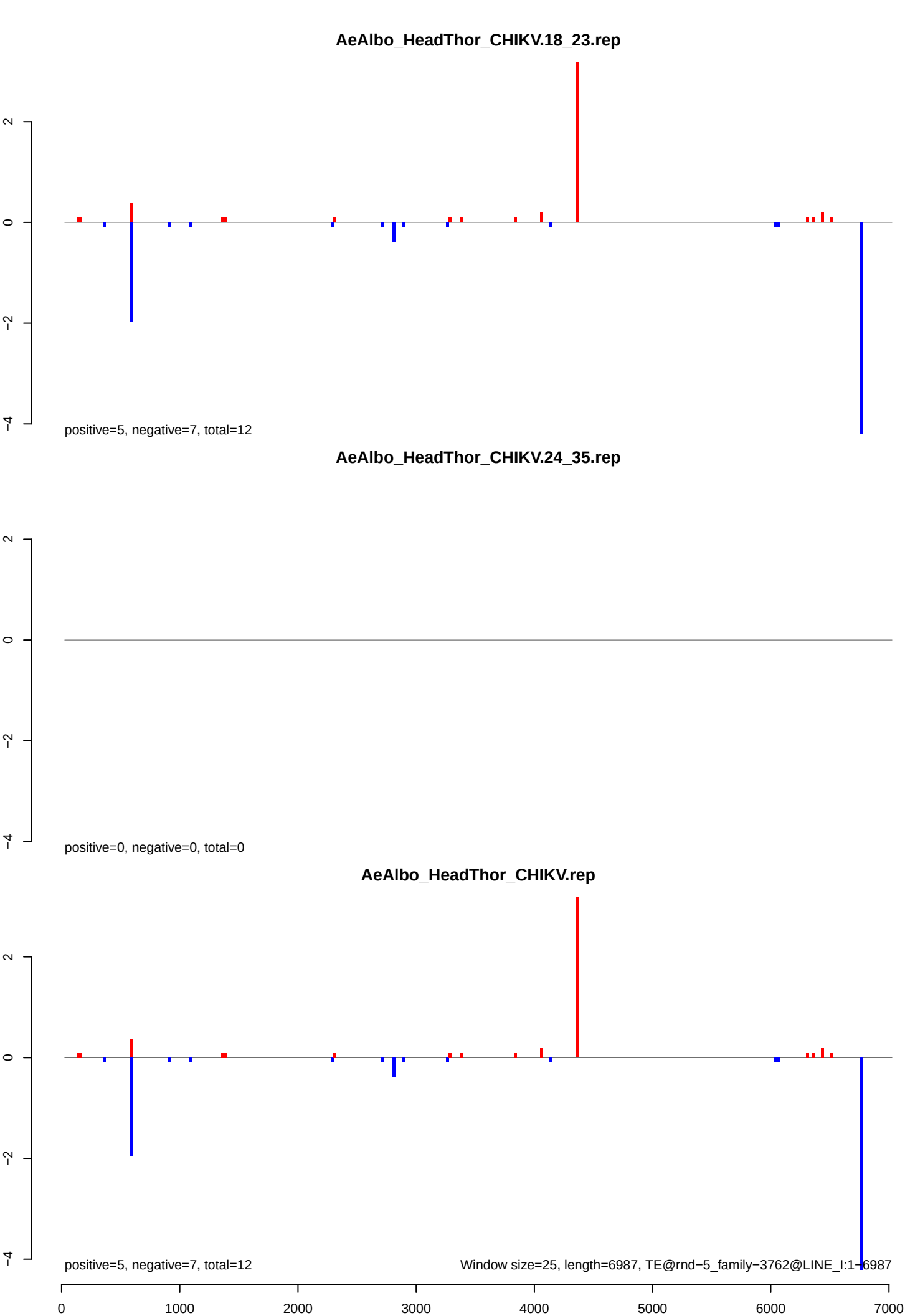

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=50, negative=4, total=54
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=50, negative=4, total=54
Window size=25, length=5156, TE@ltr−1_family−3226@LTR_Gypsy:1−5156
0
1000
2000
3000
4000
5000

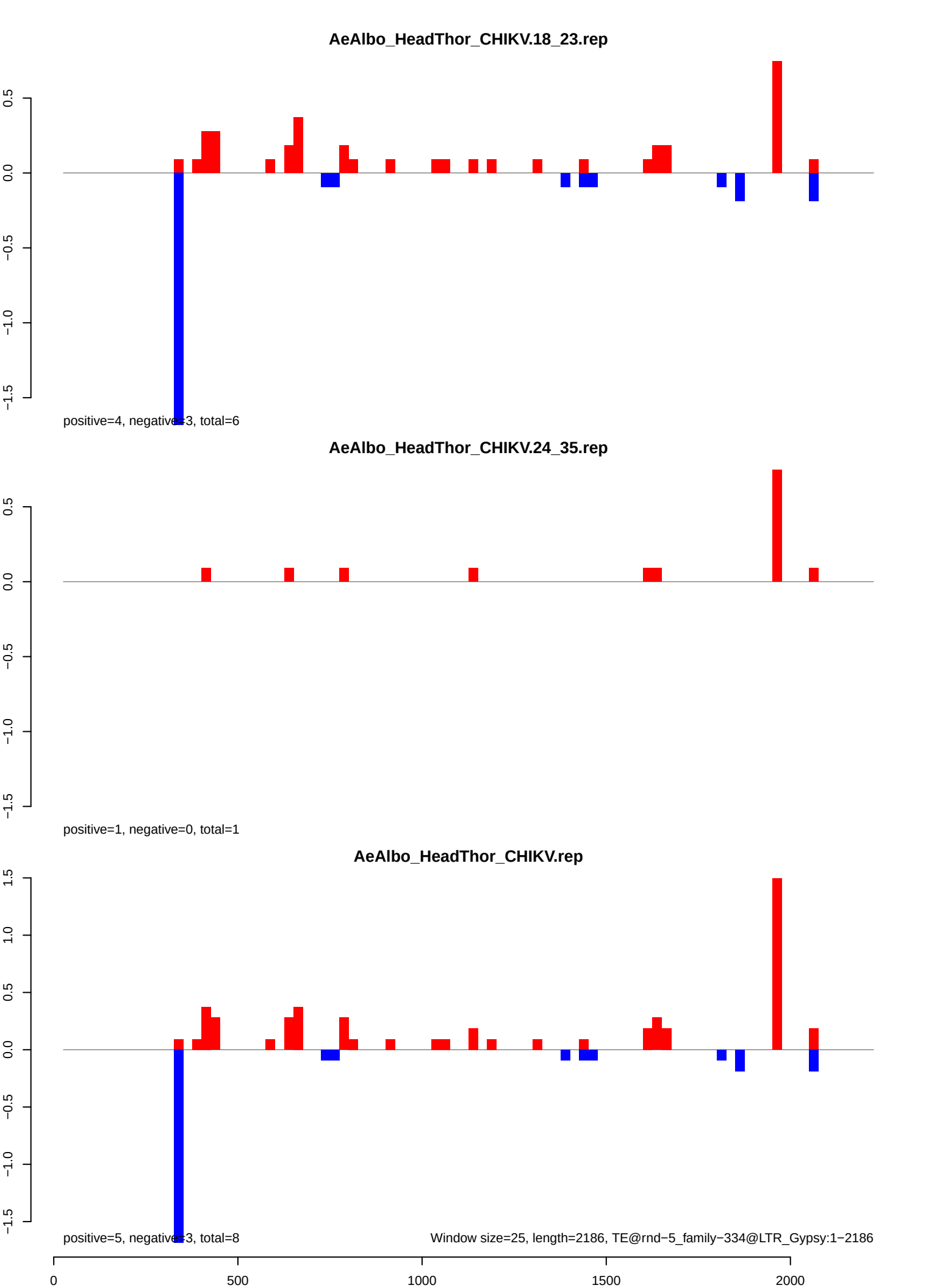

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=22, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=22, total=25
Window size=25, length=6551, TE@ltr−1_family−3159@LTR_Pao:1−6551
0
1000
2000
3000
4000
5000
6000

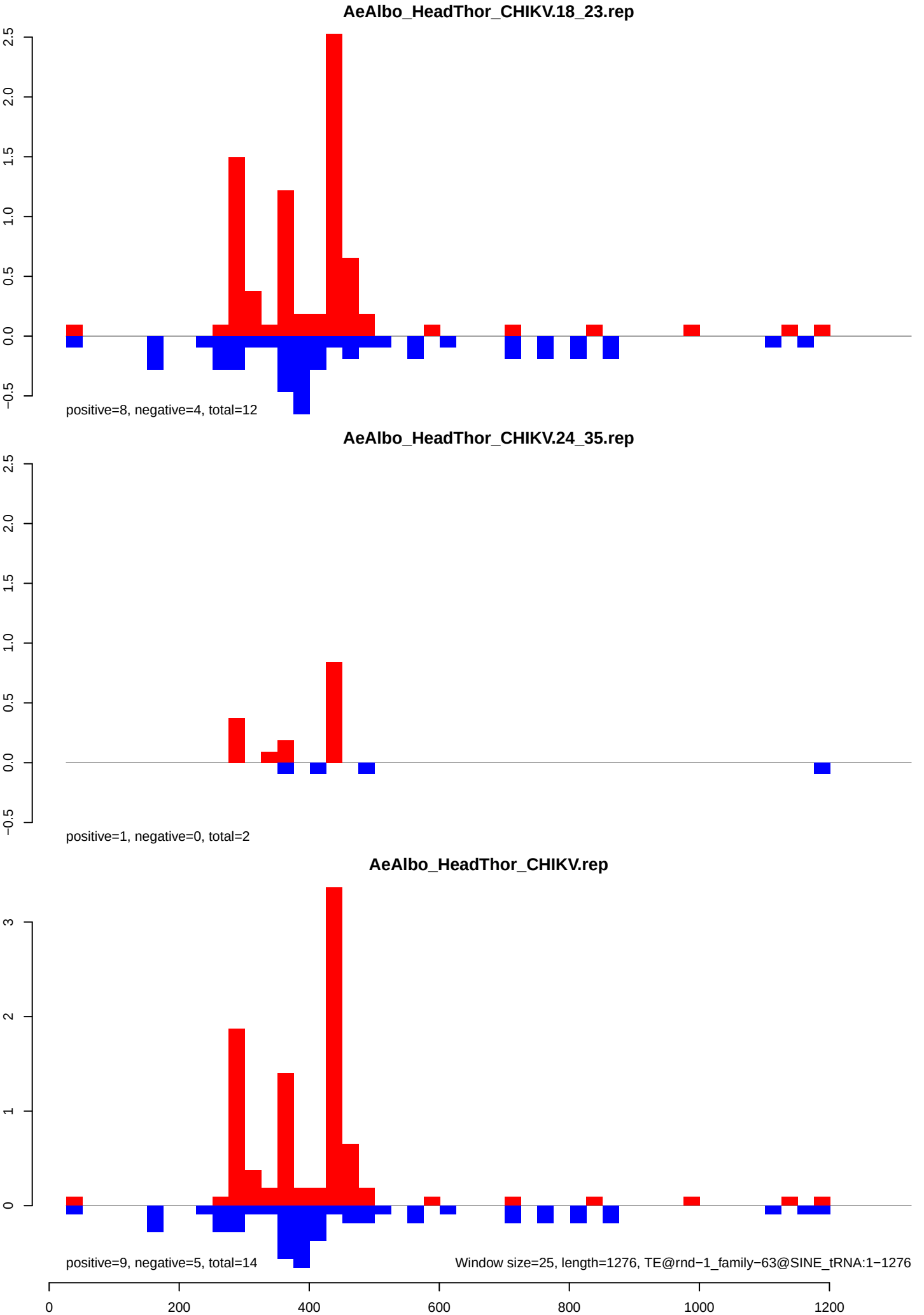

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
positive=6, negative=19, total=26

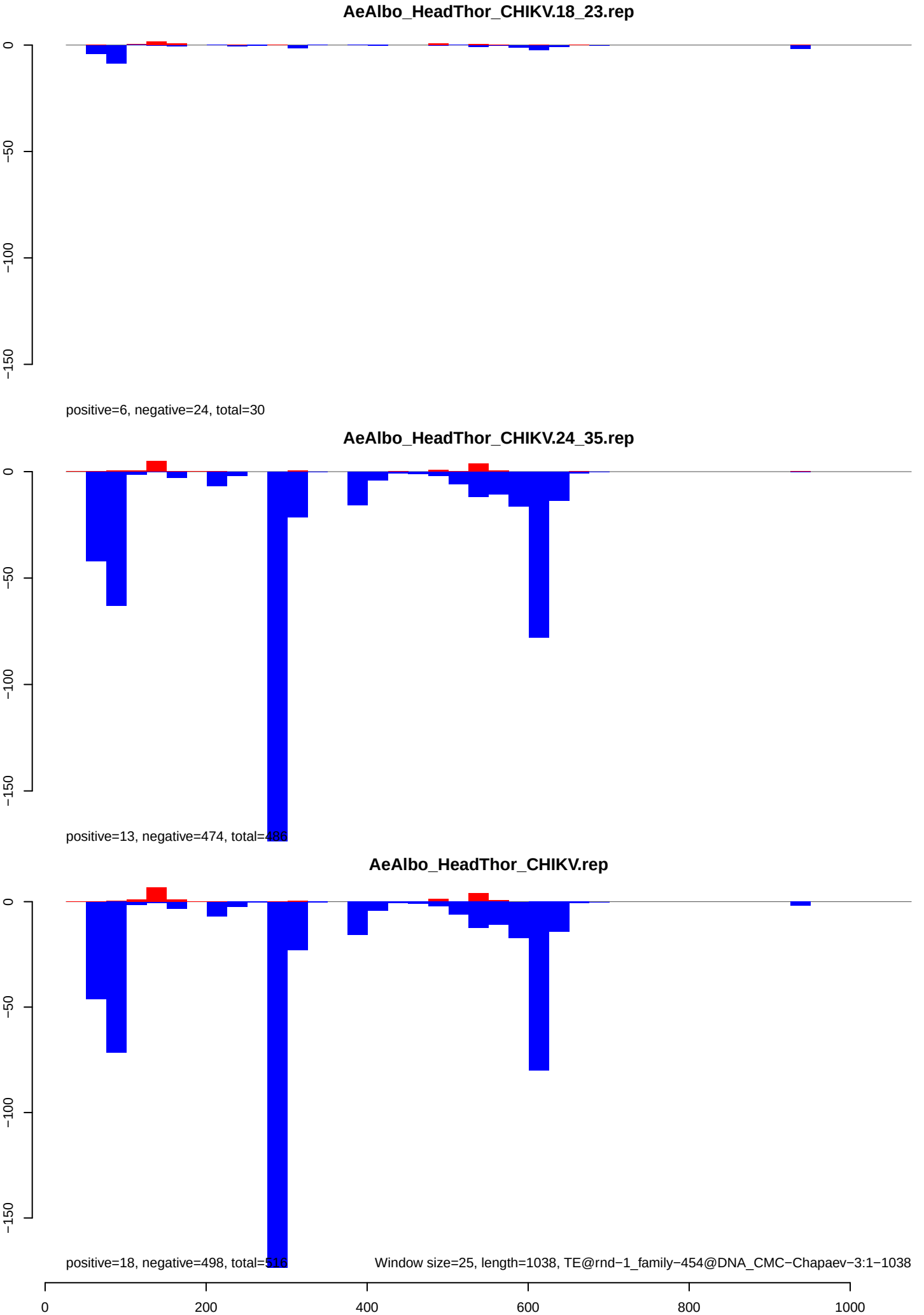

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
positive=10, negative=368, total=378

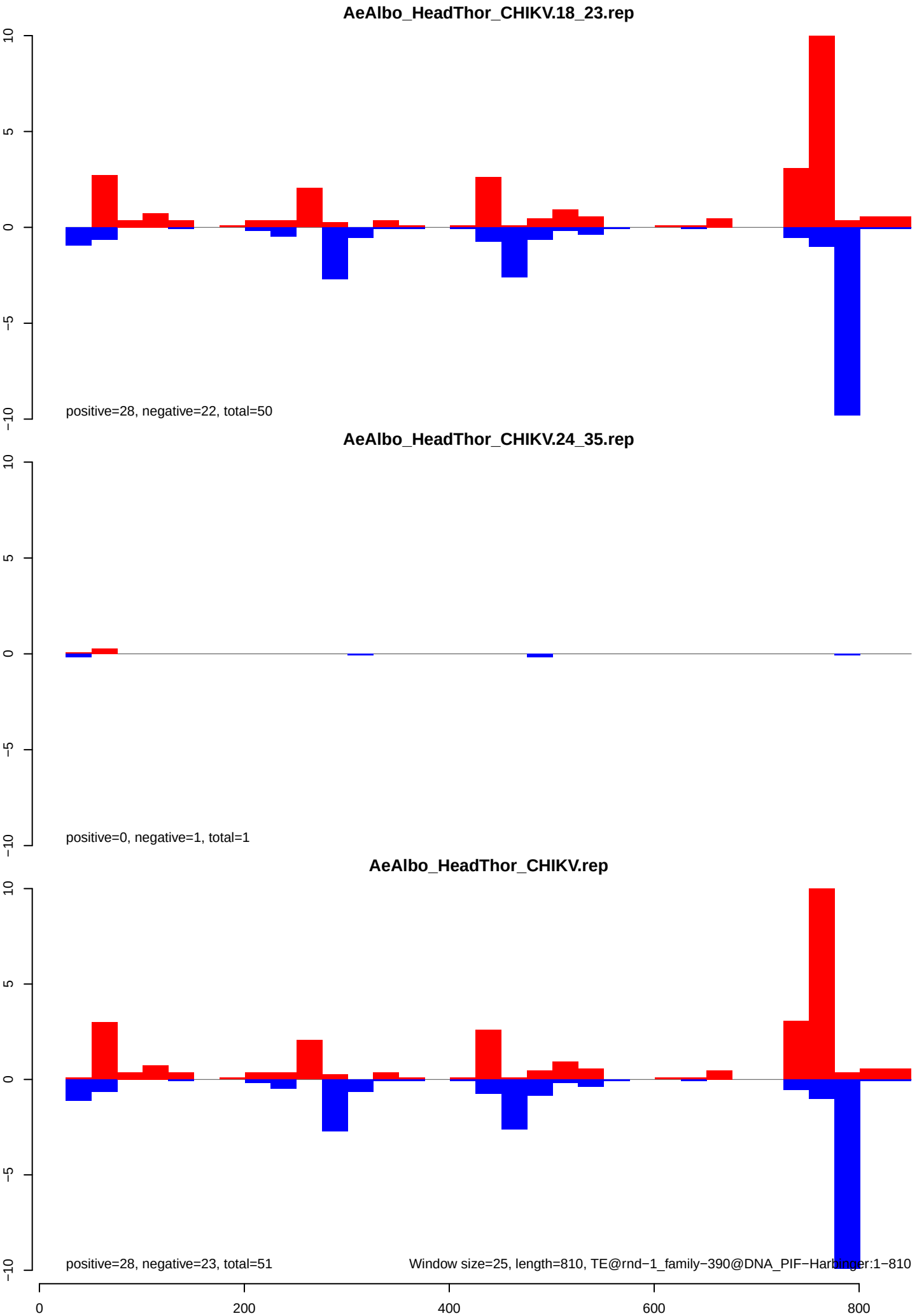

AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
positive=16, negative=387, total=403
Window size=25, length=947, TE@ltr−1_family−258@Unknown:1−947
0
200
400
600
800
1000

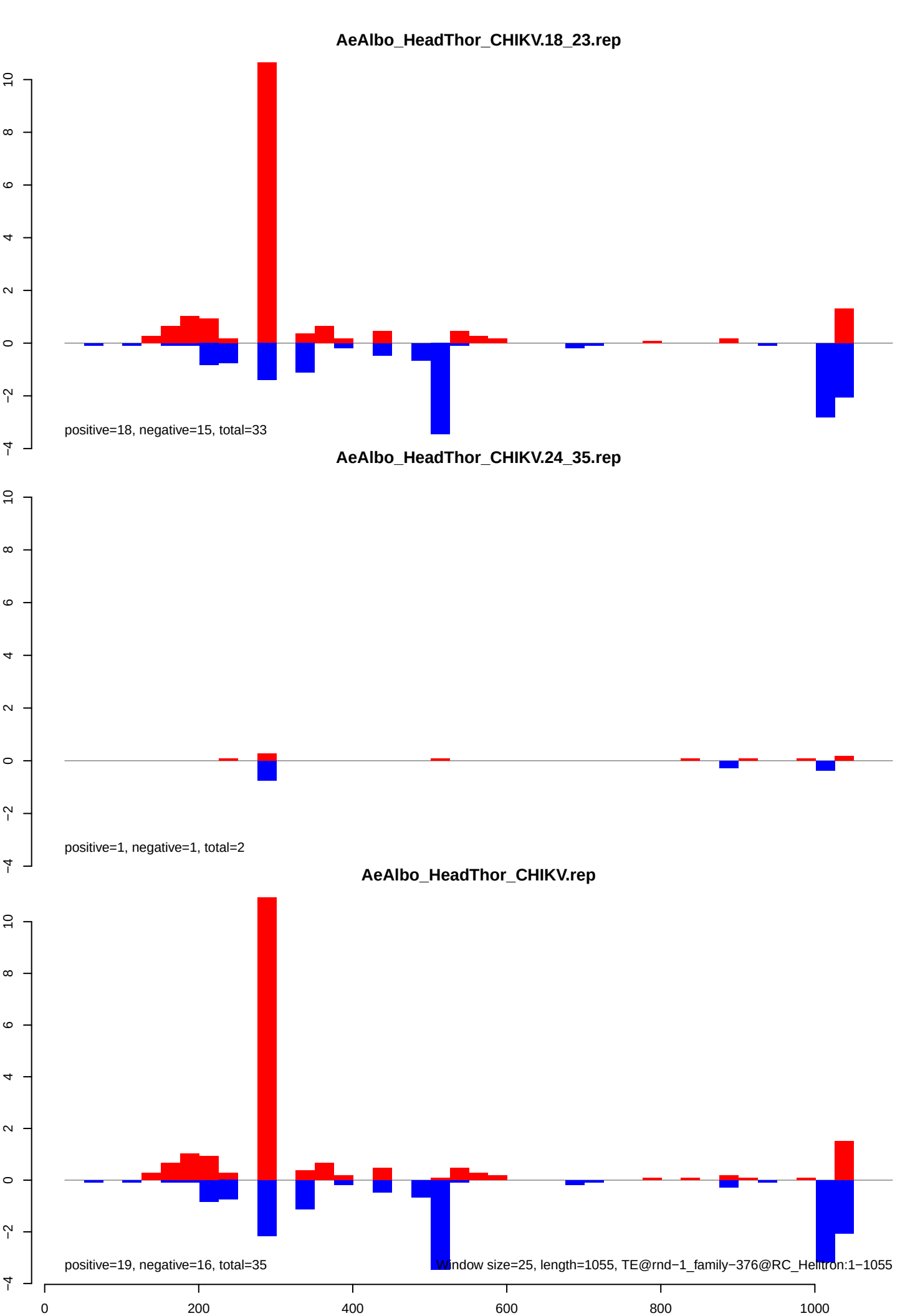

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=7, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=7, total=12
Window size=25, length=6987, TE@rnd−5_family−3762@LINE_I:1−6987
2
0
−2
−4
0
1000
2000
3000
4000
5000
6000
7000

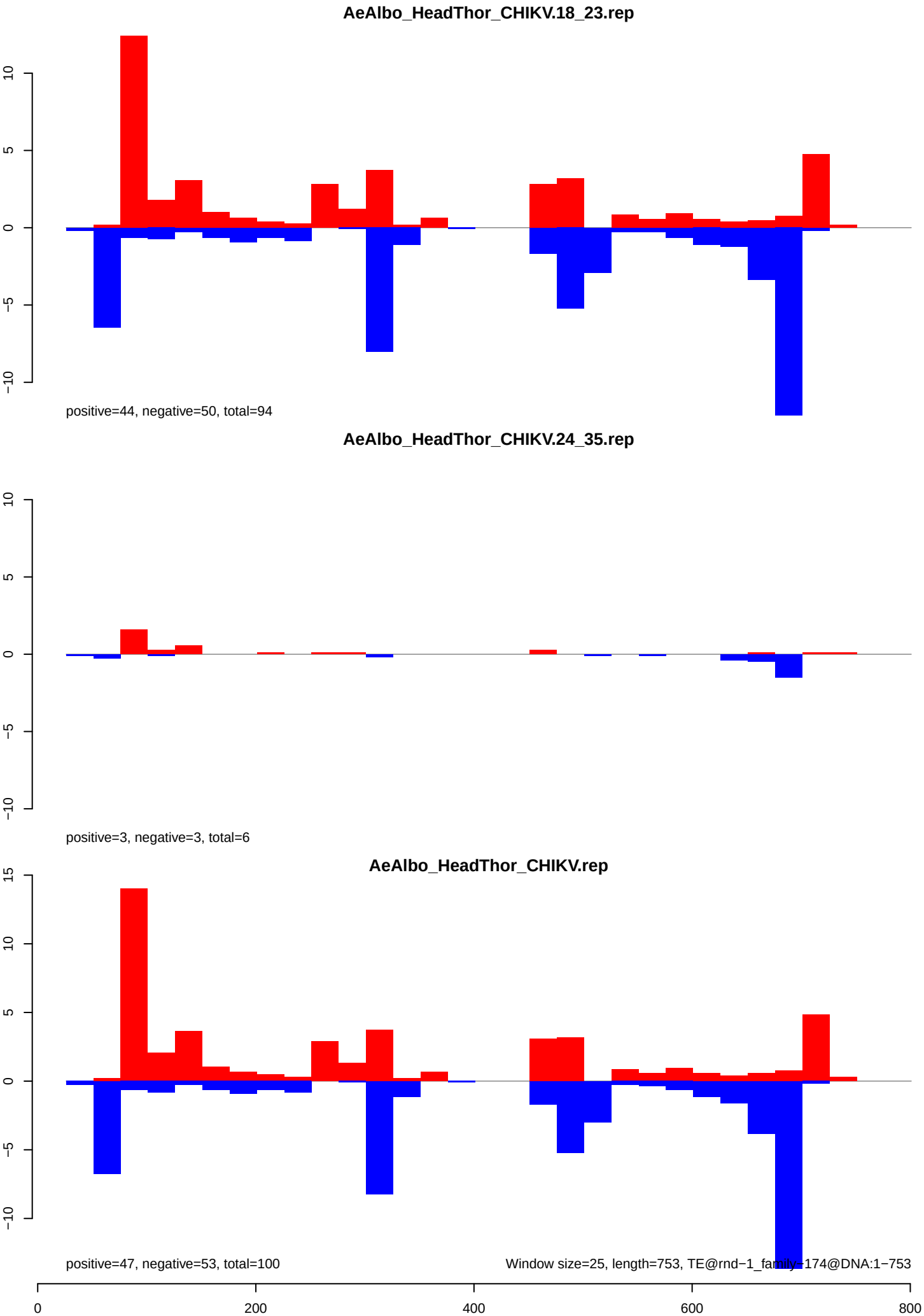

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=3, total=8
Window size=25, length=2186, TE@rnd−5_family−334@LTR_Gypsy:1−2186
0
500
1000
1500
2000

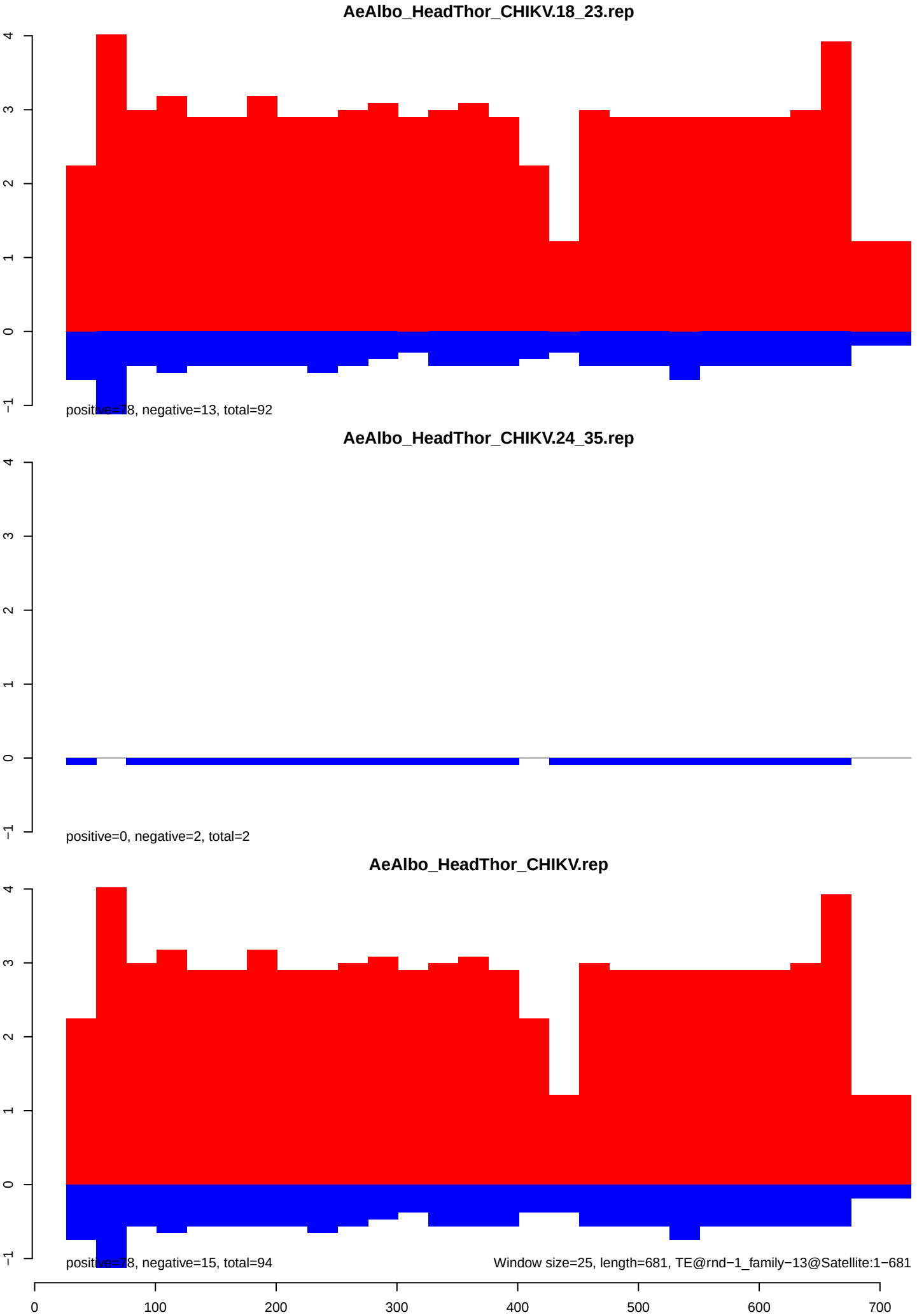

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=4, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=5, total=14
Window size=25, length=1276, TE@rnd−1_family−63@SINE_tRNA:1−1276
0
200
400
600
800
1000
1200

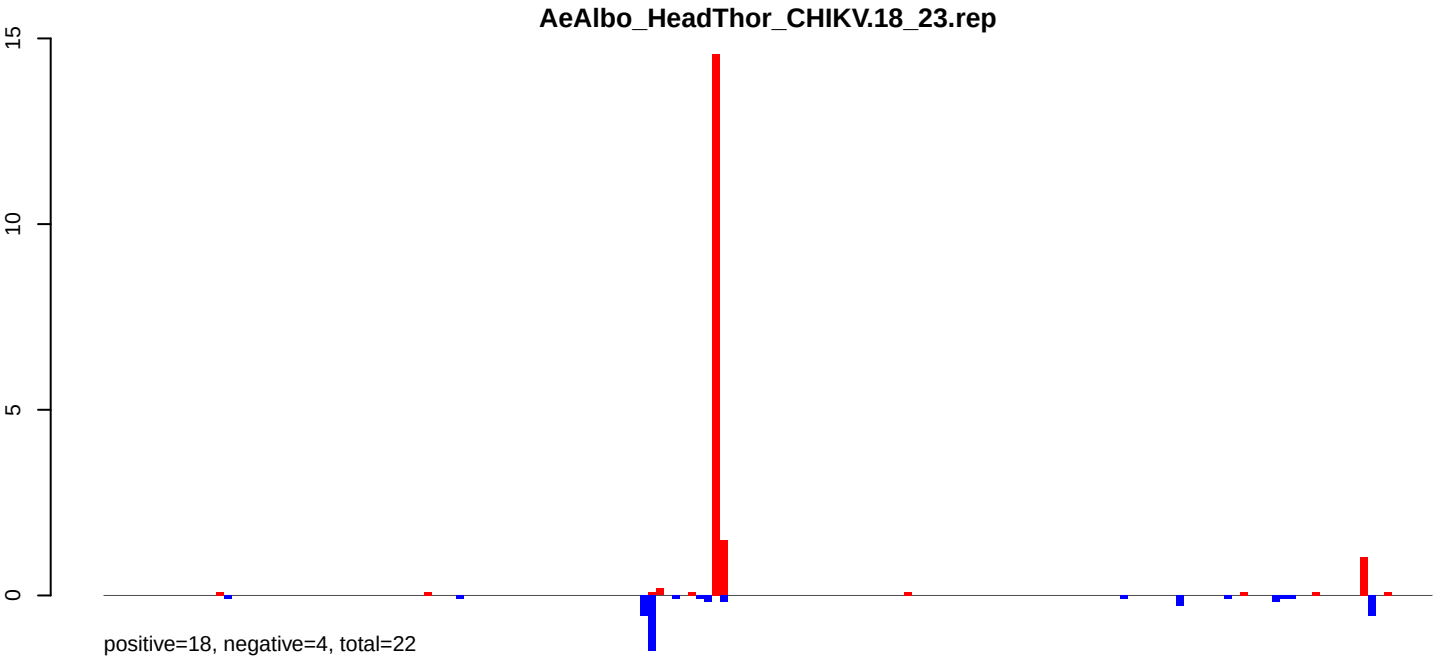

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
positive=6, negative=24, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
positive=13, negative=474, total=486
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
positive=18, negative=498, total=516
Window size=25, length=1038, TE@rnd−1_family−454@DNA_CMC−Chapaev−3:1−1038
0
200
400
600
800
1000

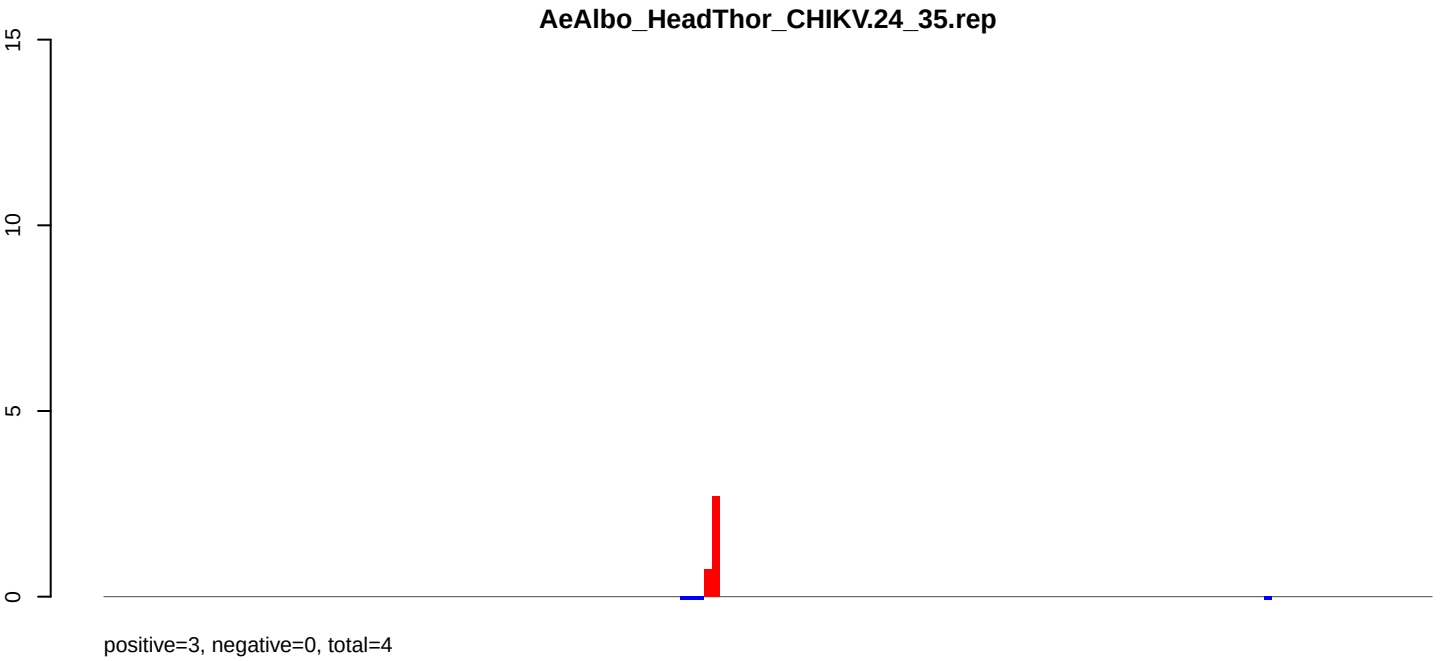

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=28, negative=22, total=50
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=28, negative=23, total=51
Window size=25, length=810, TE@rnd−1_family−390@DNA_PIF−Harbinger:1−810
10
5
0
−5
−10
0
200
400
600
800

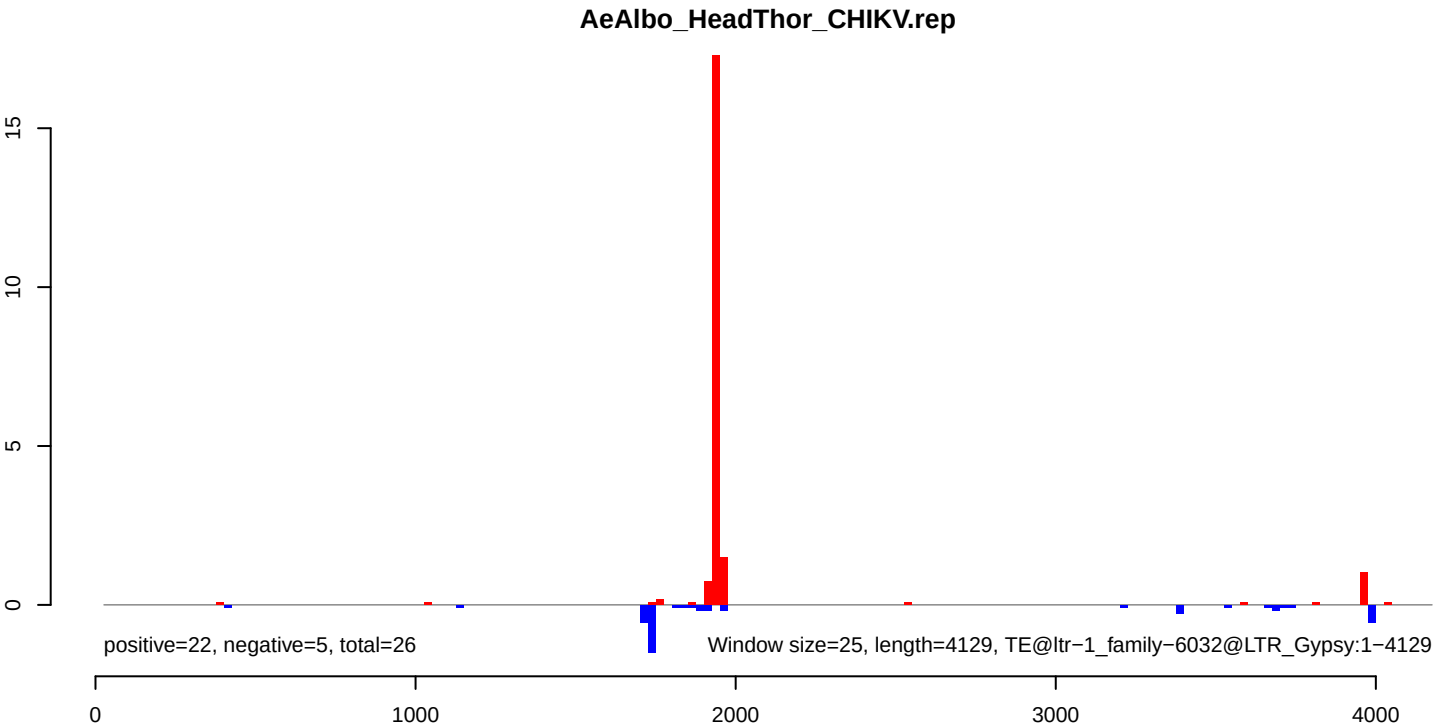

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=18, negative=15, total=33
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=16, total=35
Window size=25, length=1055, TE@rnd−1_family−376@RC_Helitron:1−1055
10
8
6
4
2
0
−2
−4
0
200
400
600
800
1000

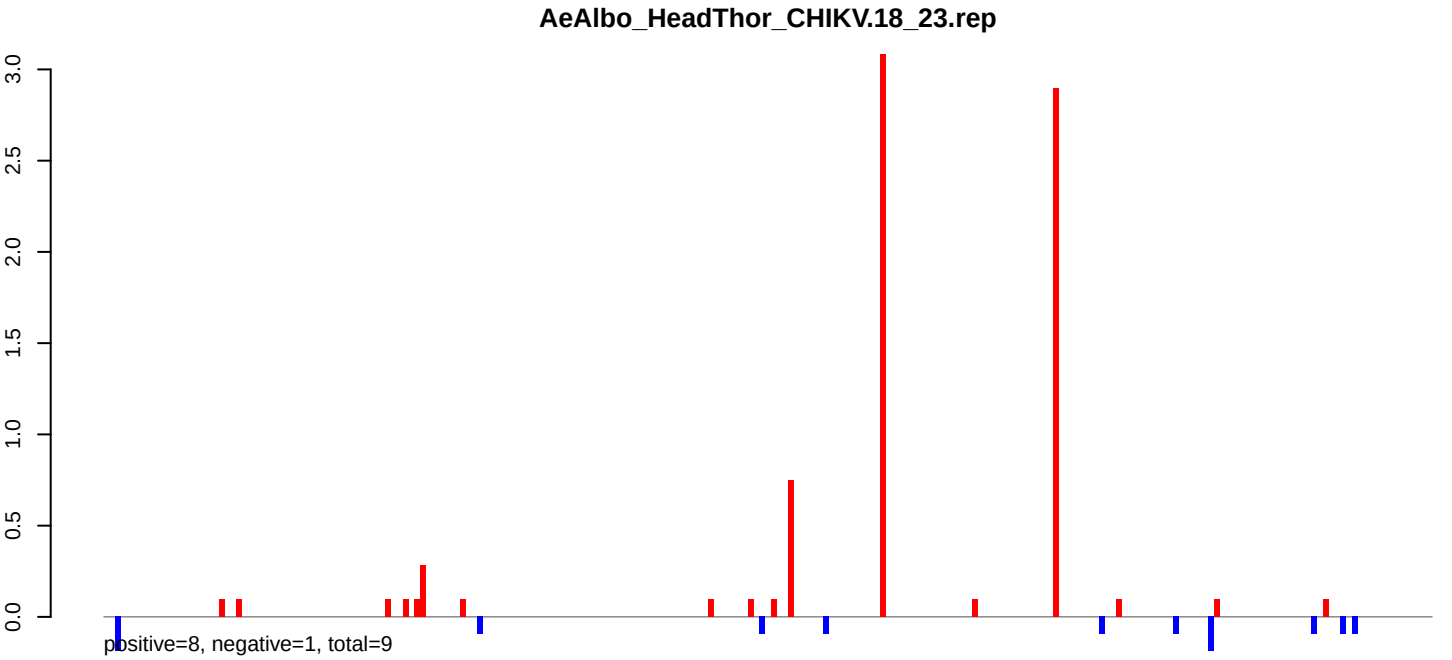

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=44, negative=50, total=94
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=47, negative=53, total=100
Window size=25, length=753, TE@rnd−1_family−174@DNA:1−753
0
200
400
600
800

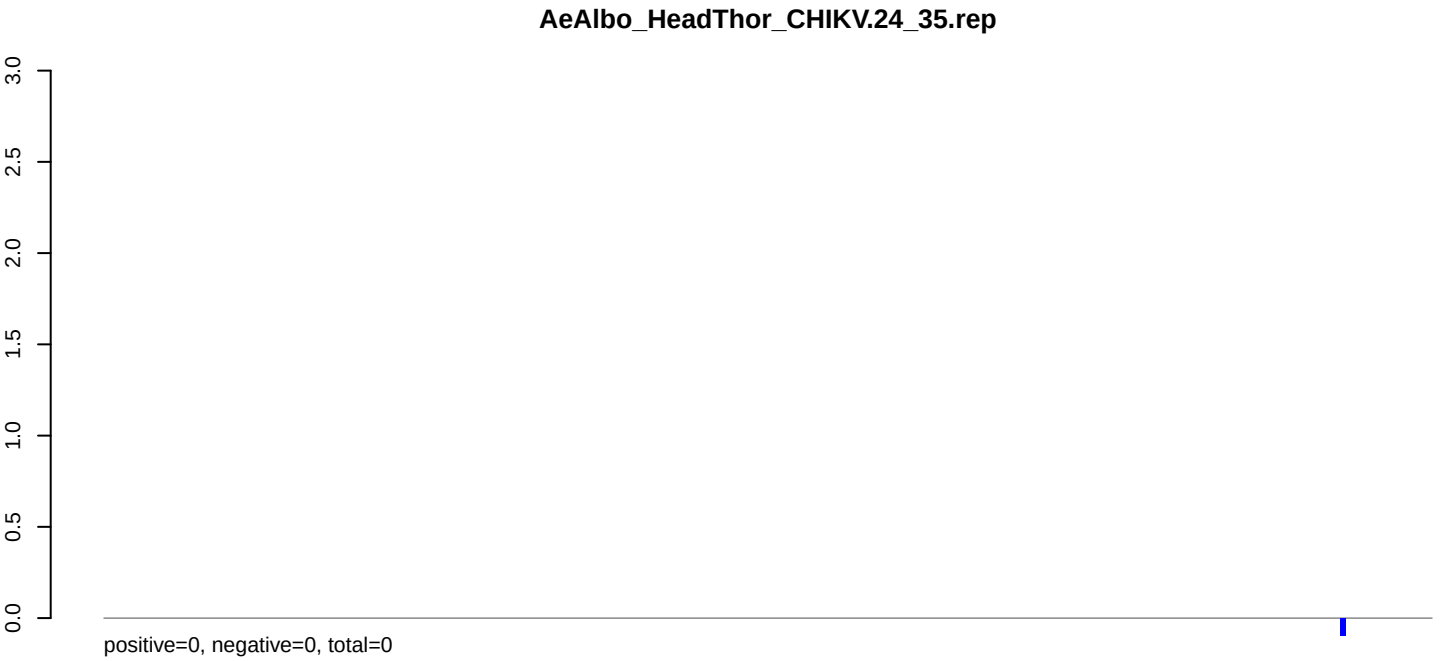

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=78, negative=13, total=92
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=78, negative=15, total=94
Window size=25, length=681, TE@rnd−1_family−13@Satellite:1−681
0
100
200
300
400
500
600
700

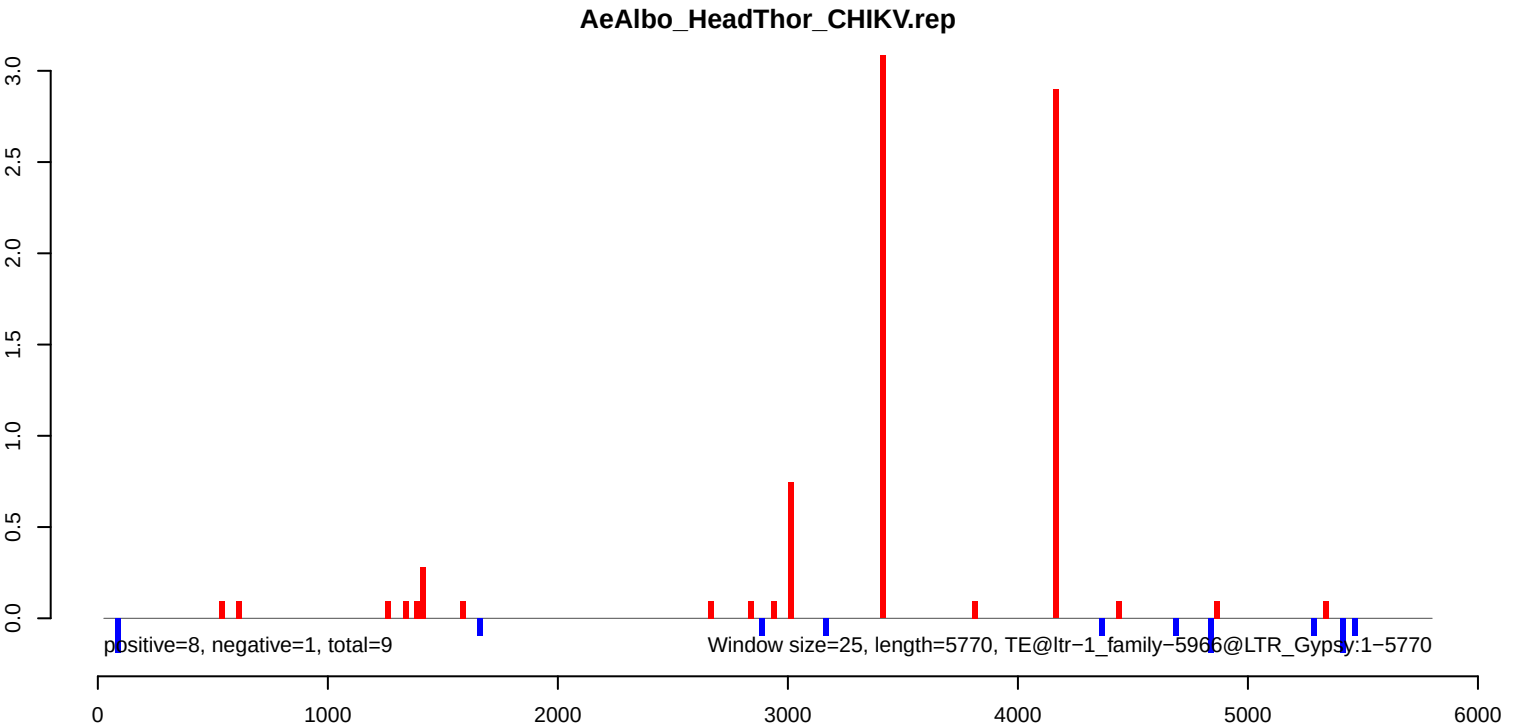

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=18, negative=4, total=22

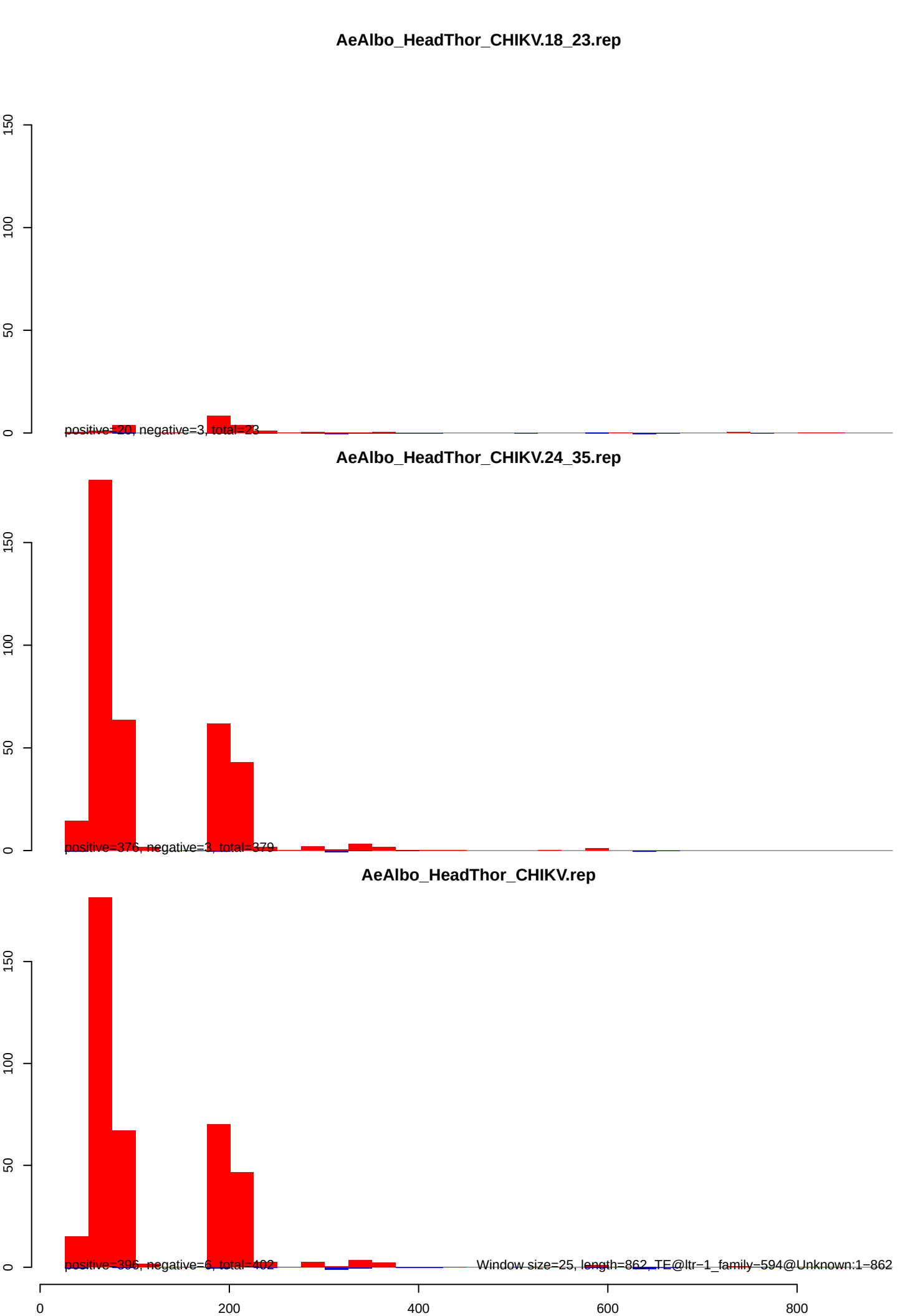

AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=3, negative=0, total=4

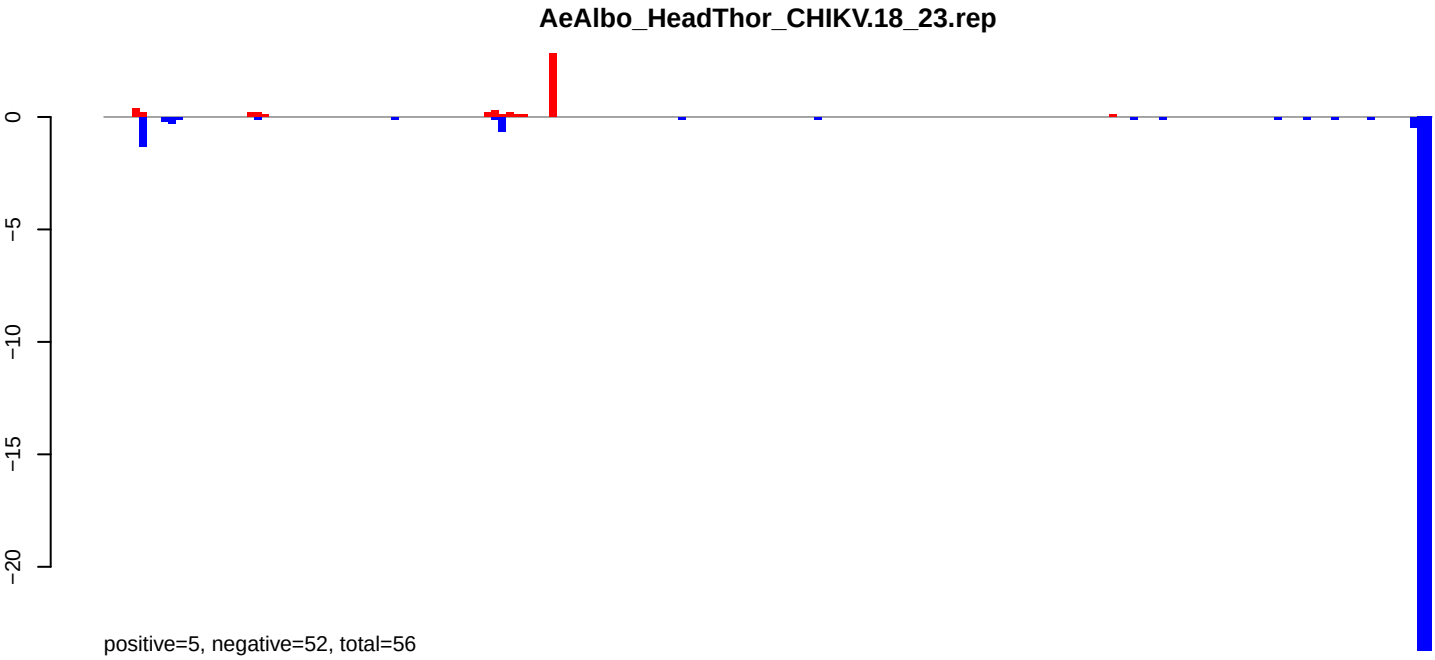

AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
positive=22, negative=5, total=26
Window size=25, length=4129, TE@ltr−1_family−6032@LTR_Gypsy:1−4129
0
1000
2000
3000
4000

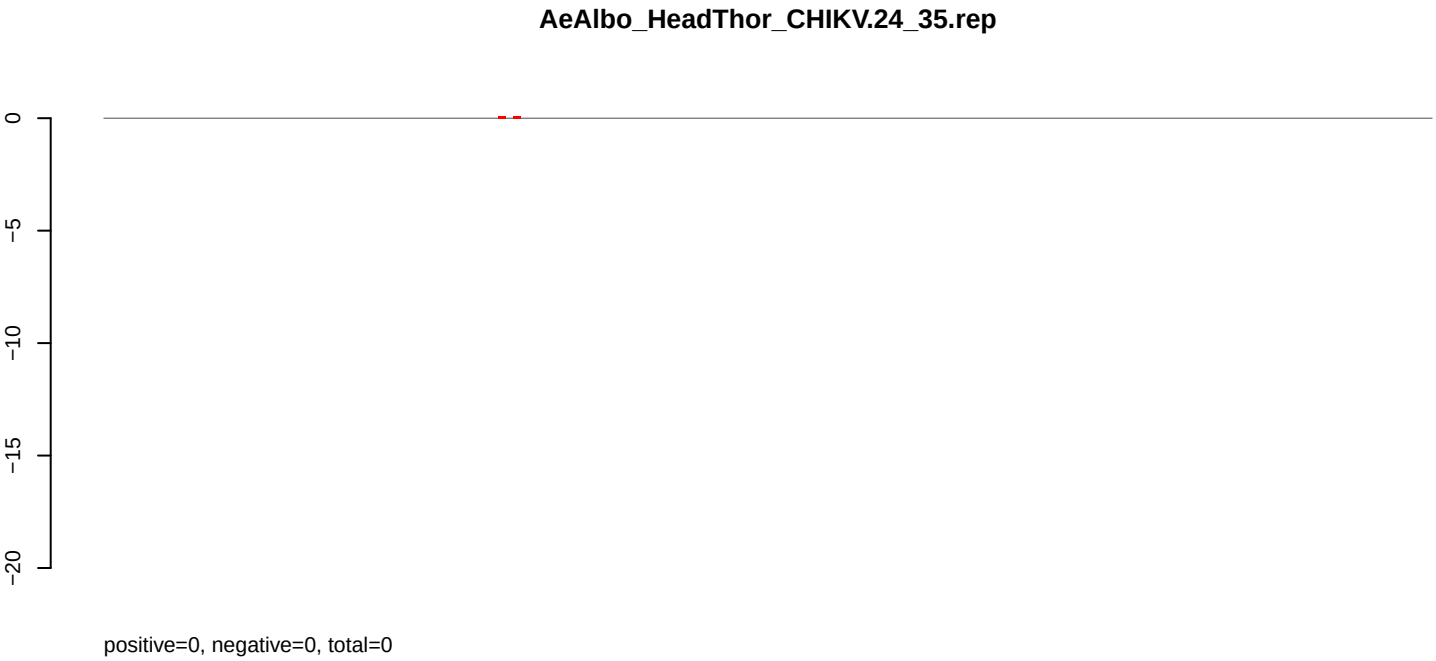

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=8, negative=1, total=9

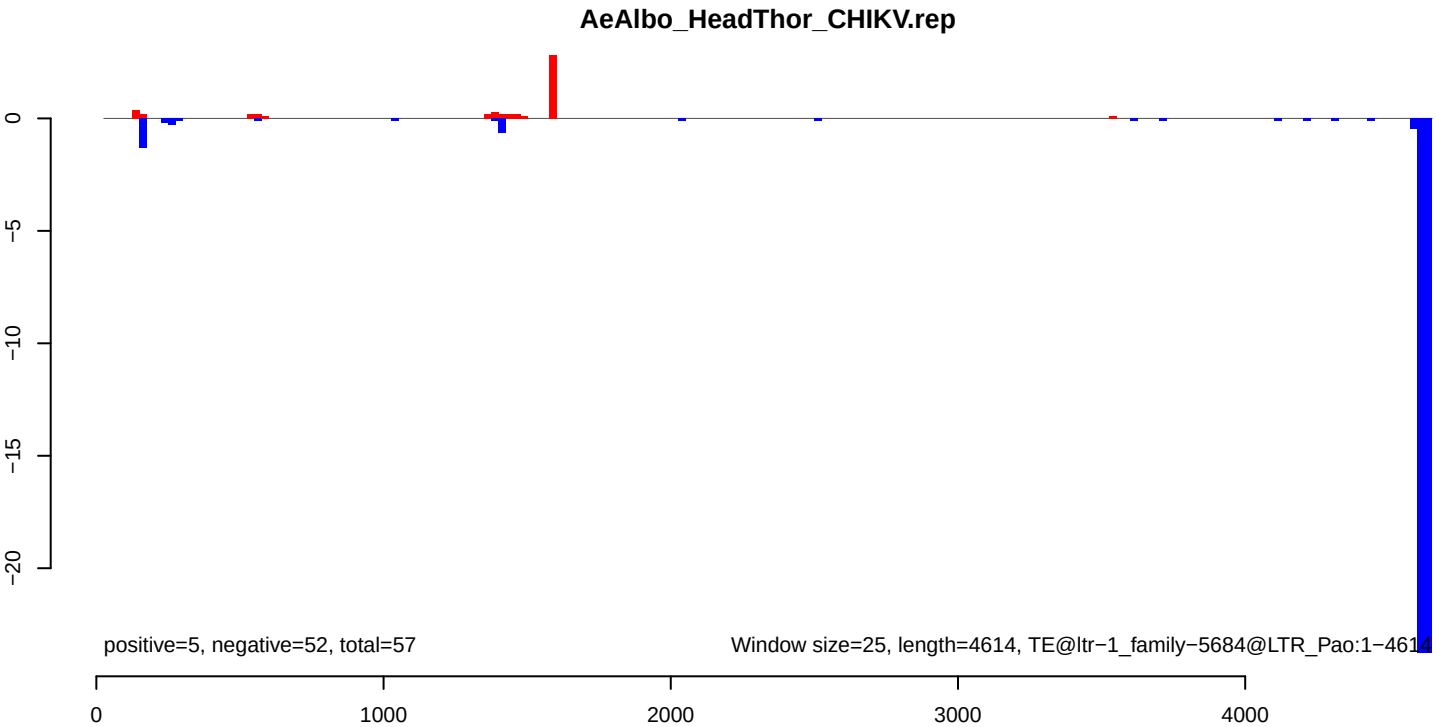

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=0, negative=0, total=0

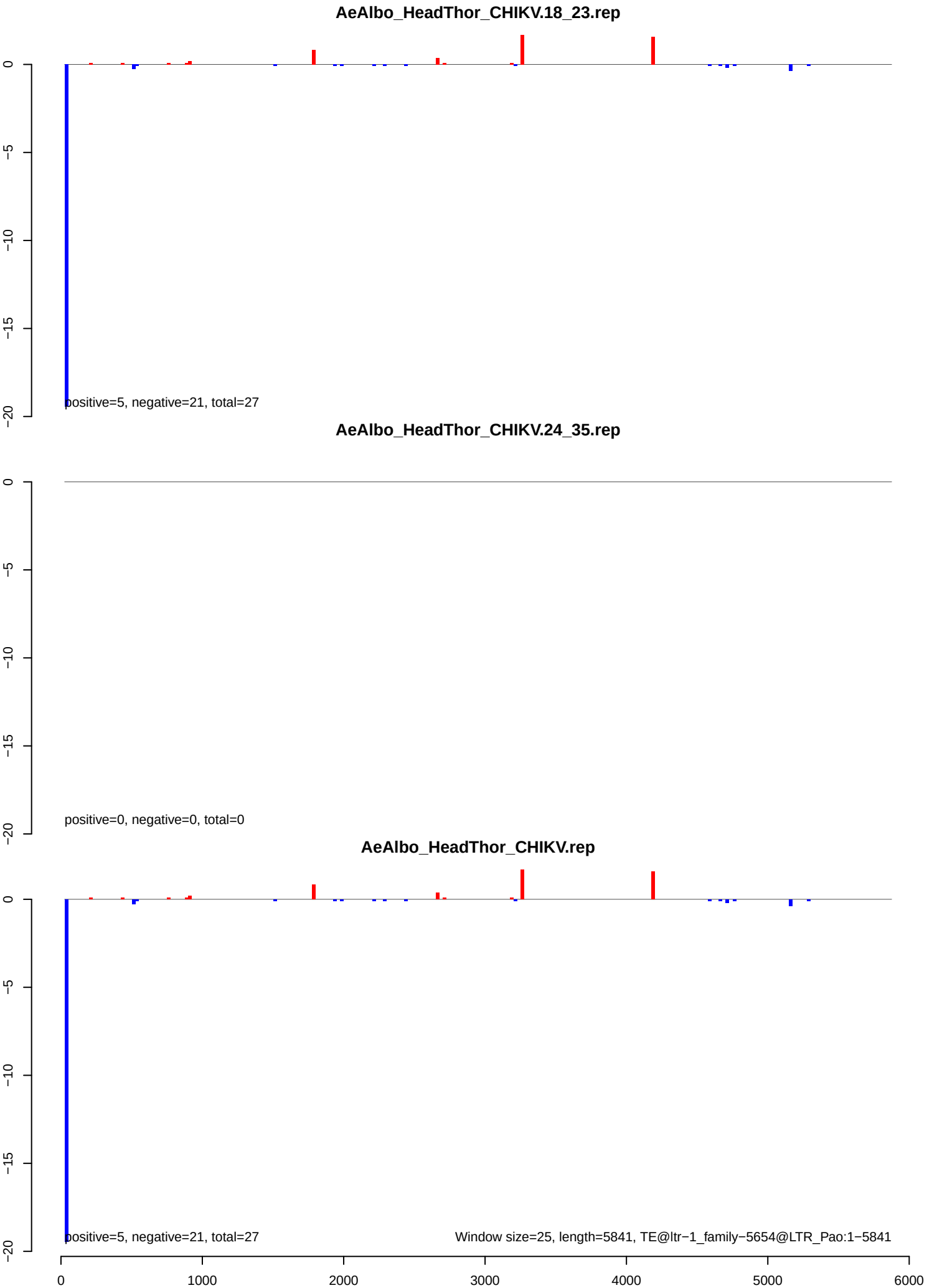

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=8, negative=1, total=9
Window size=25, length=5770, TE@ltr−1_family−5966@LTR_Gypsy:1−5770
0
1000
2000
3000
4000
5000
6000

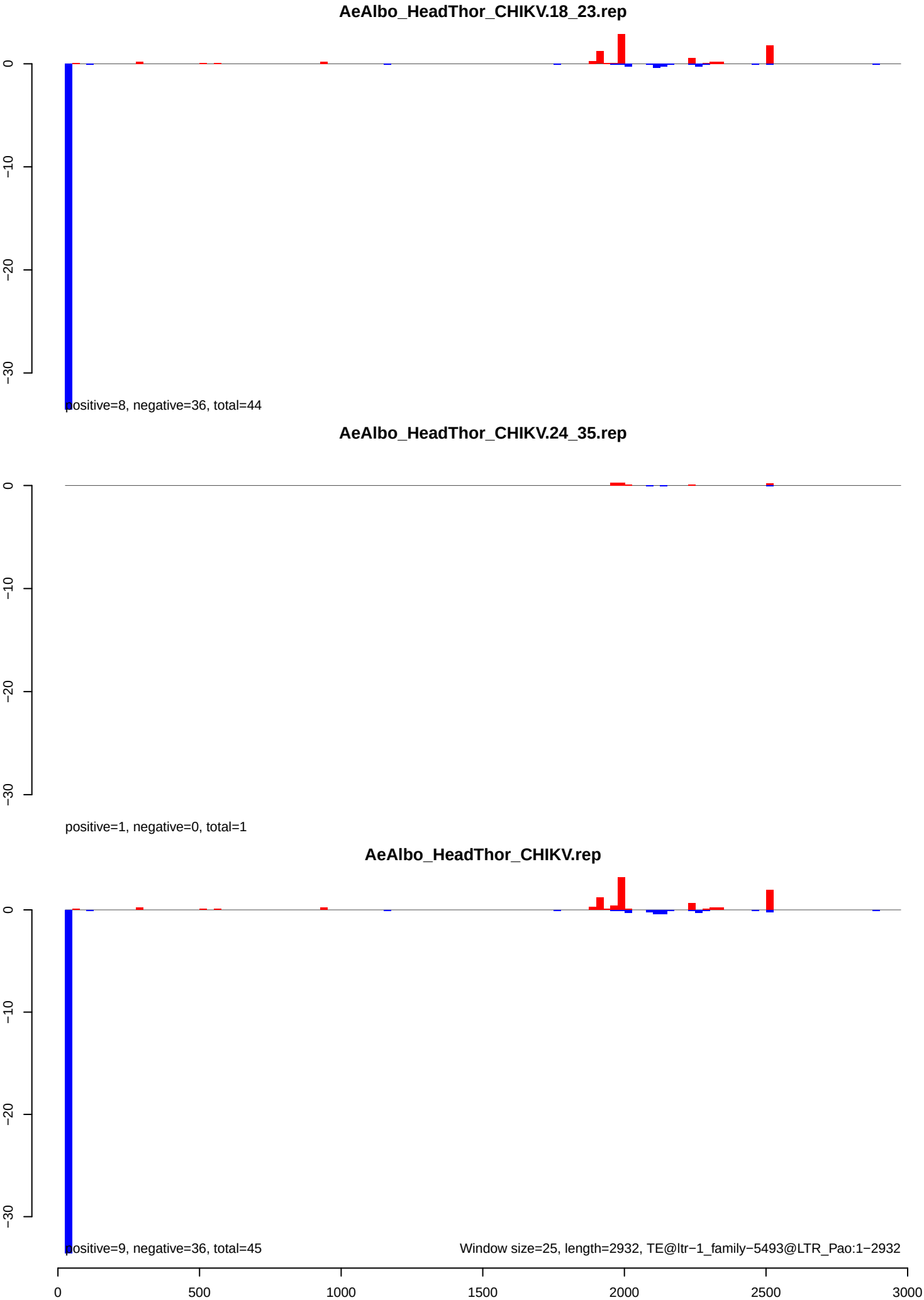

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=20, negative=3, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=376, negative=3, total=379
AeAlbo_HeadThor_CHIKV.rep
positive=396, negative=6, total=402
Window size=25, length=862, TE@ltr−1_family−594@Unknown:1−862
0
50
100
150
0
200
400
600
800

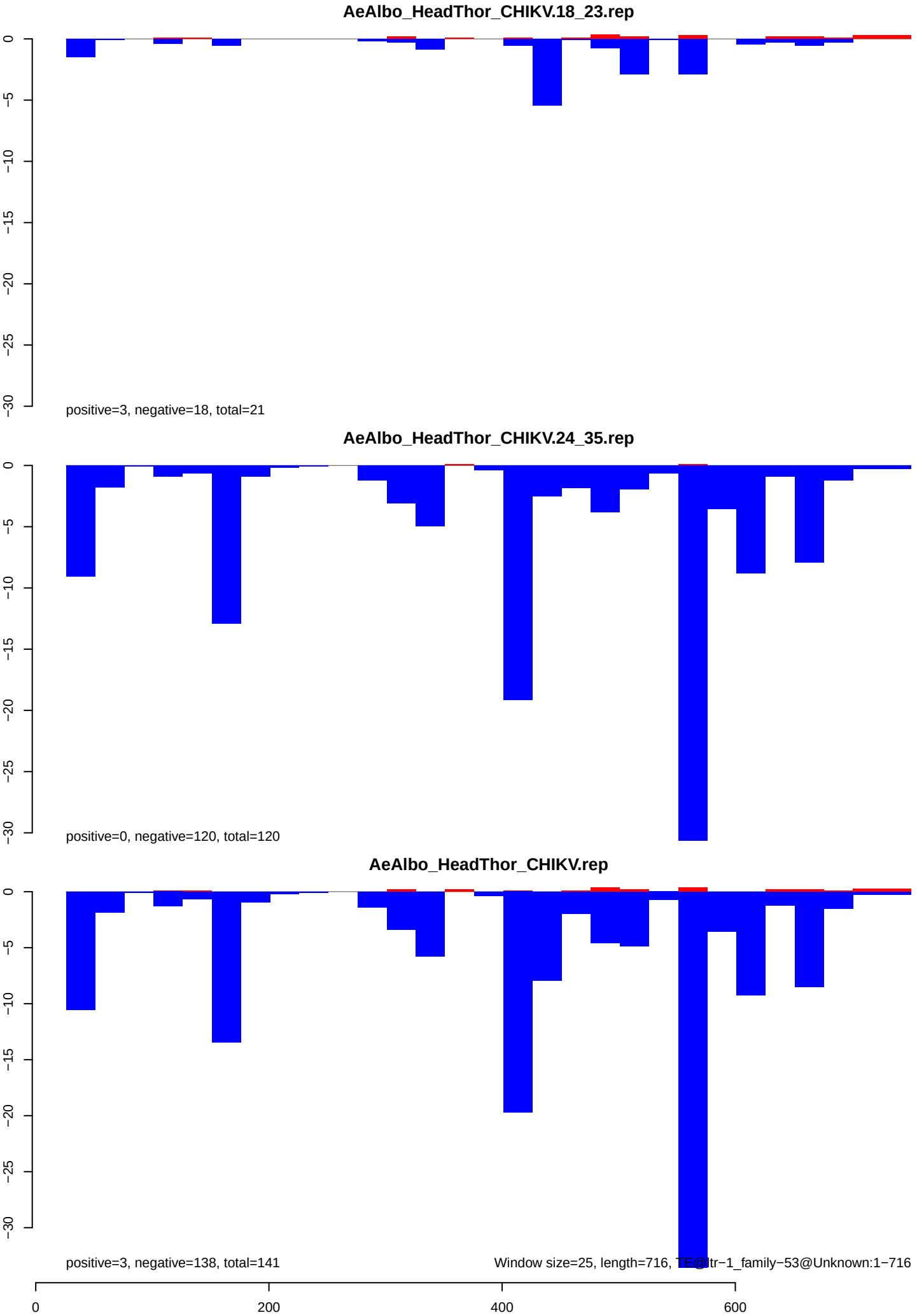

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=5, negative=52, total=56

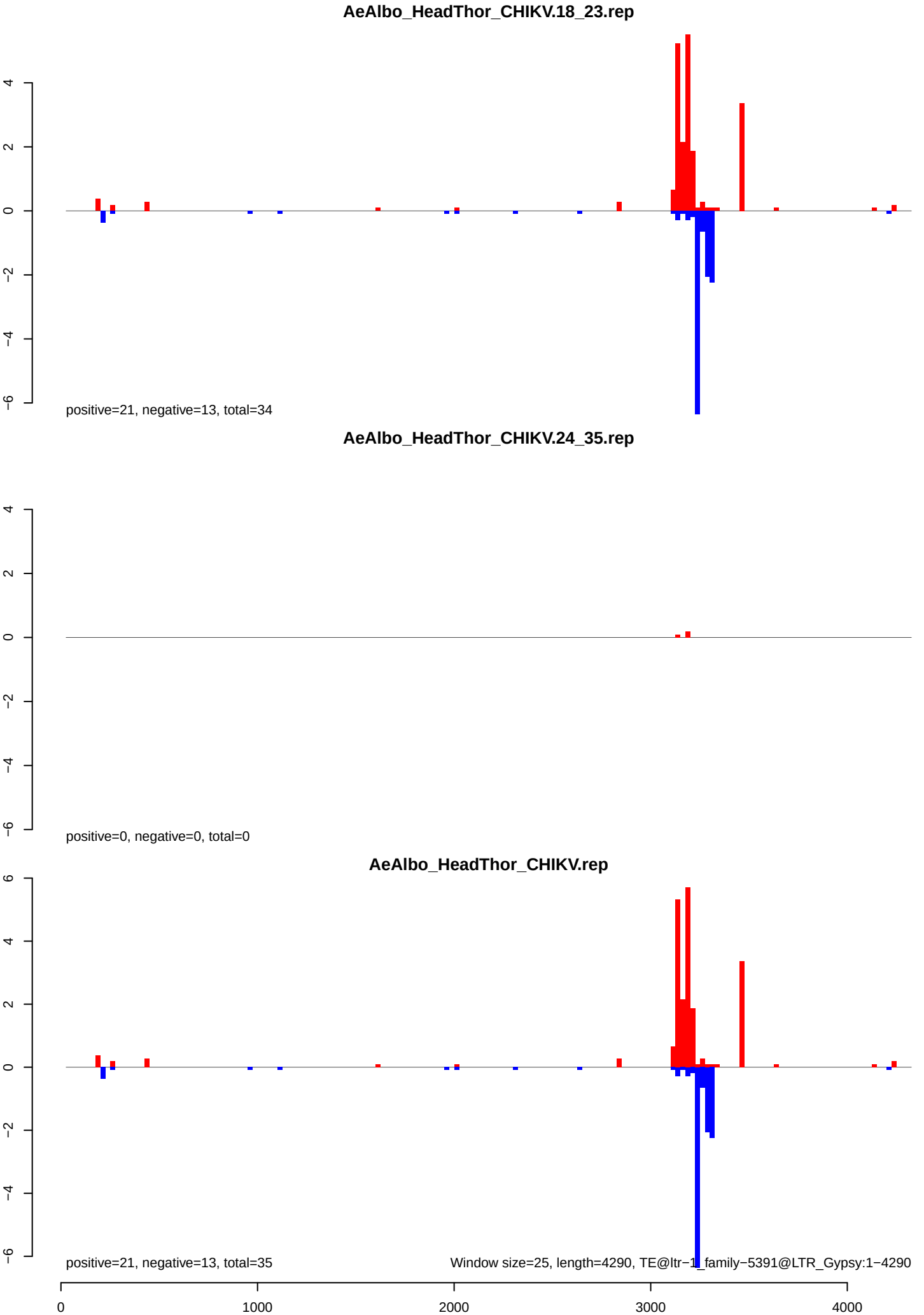

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0

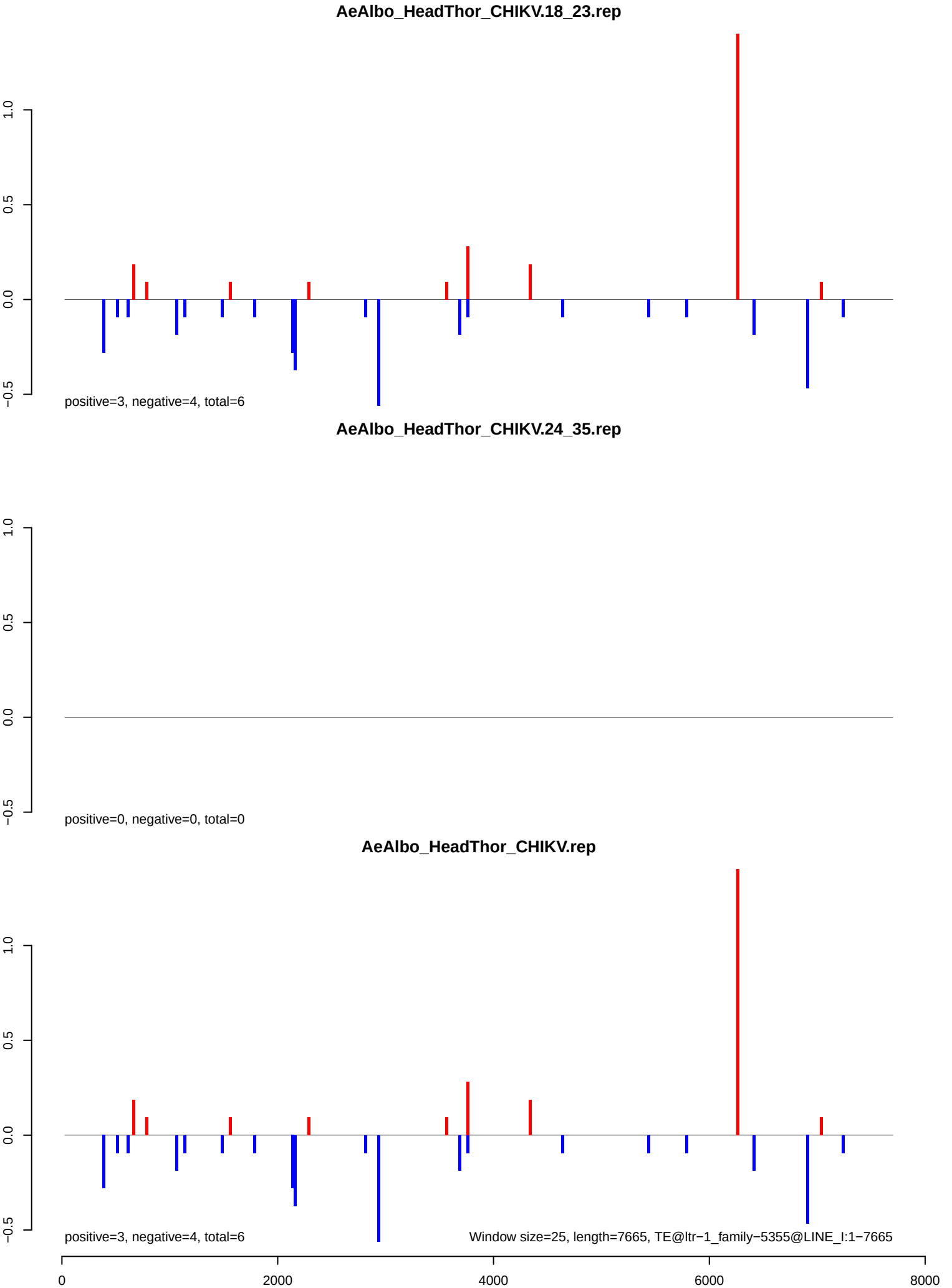

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=5, negative=52, total=57
Window size=25, length=4614, TE@ltr−1_family−5684@LTR_Pao:1−4614
0
1000
2000
3000
4000

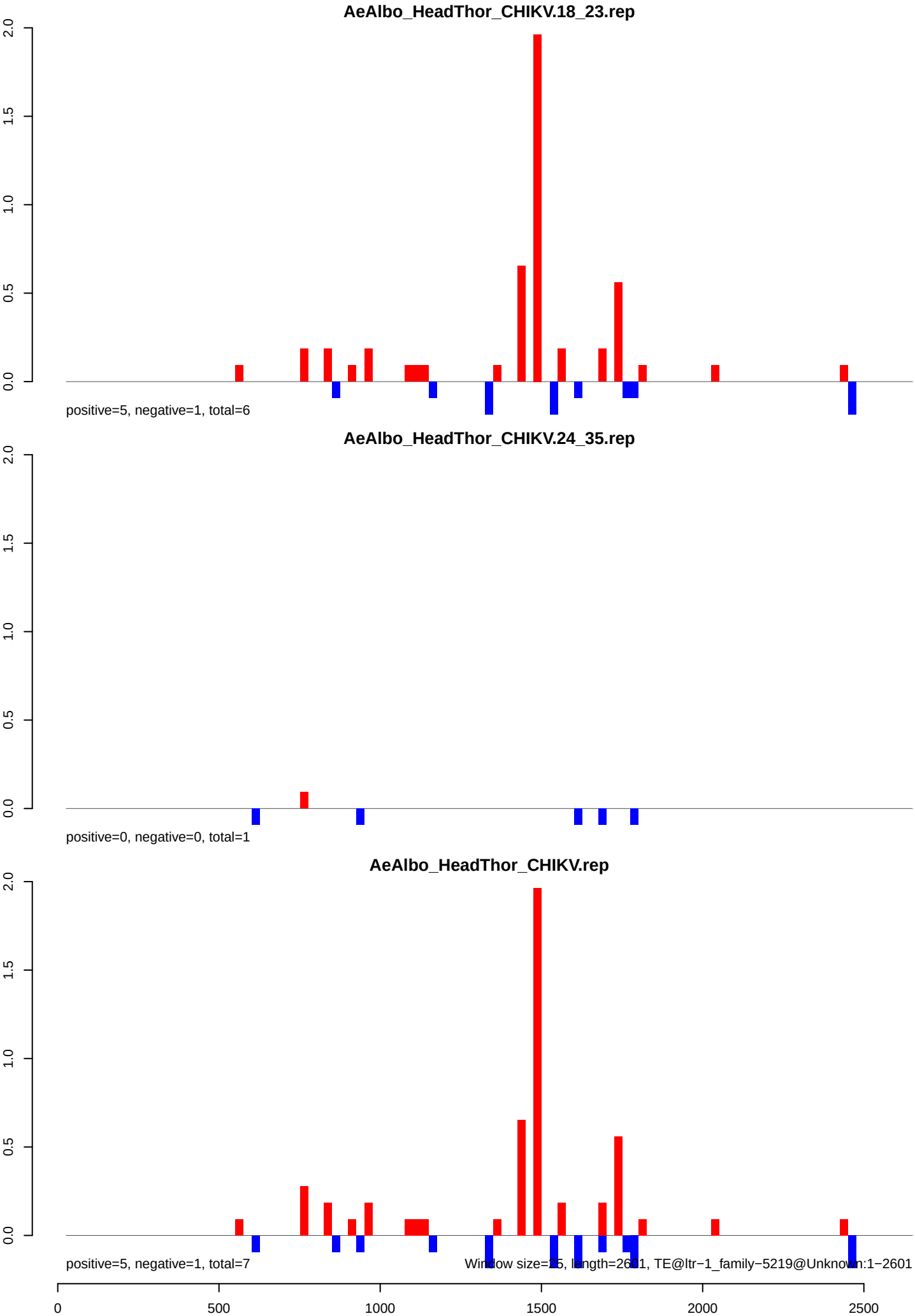

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=5, negative=21, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=5, negative=21, total=27
Window size=25, length=5841, TE@ltr−1_family−5654@LTR_Pao:1−5841
0
1000
2000
3000
4000
5000
6000

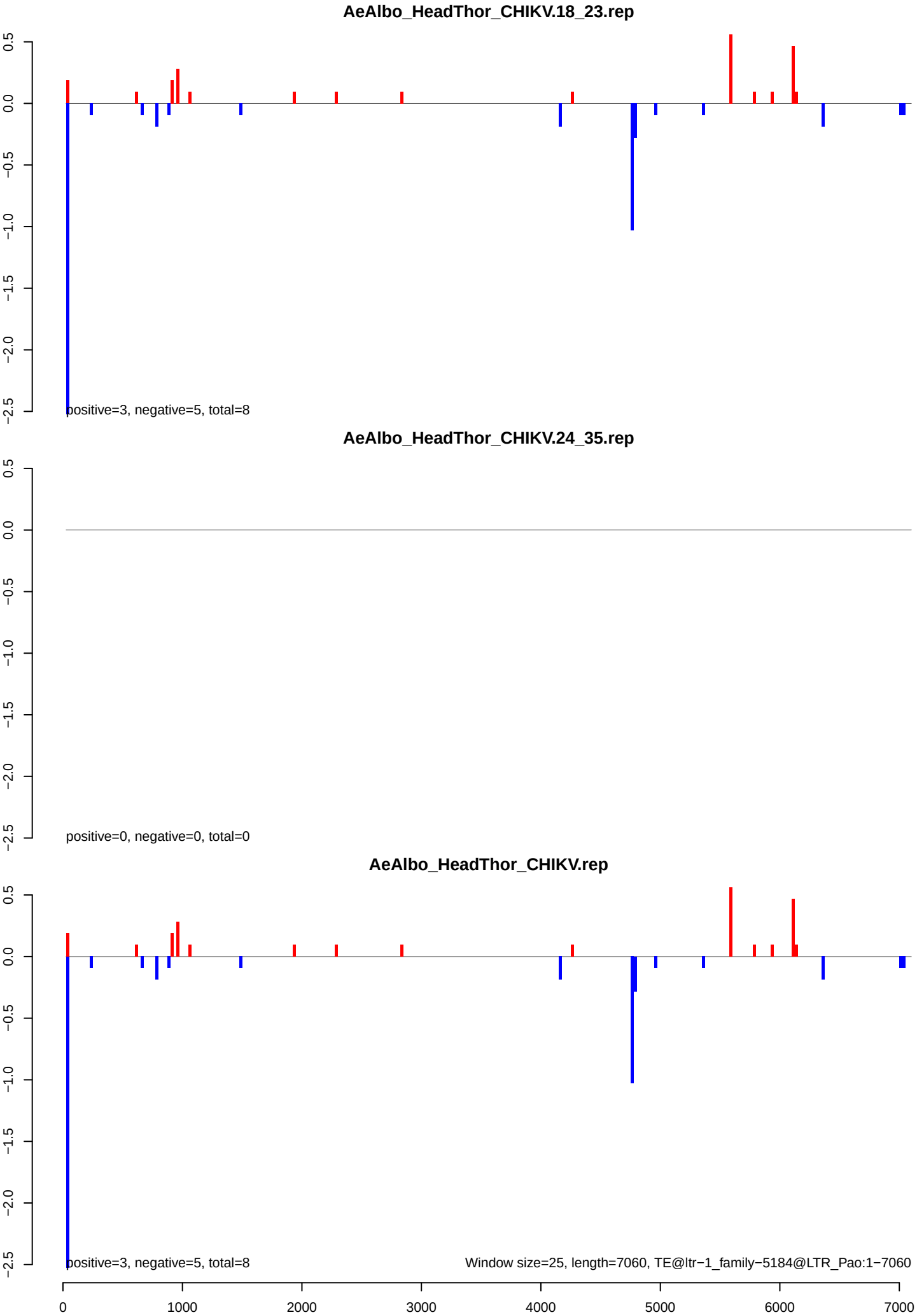

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
positive=8, negative=36, total=44
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
positive=9, negative=36, total=45
Window size=25, length=2932, TE@ltr−1_family−5493@LTR_Pao:1−2932
0
500
1000
1500
2000
2500
3000

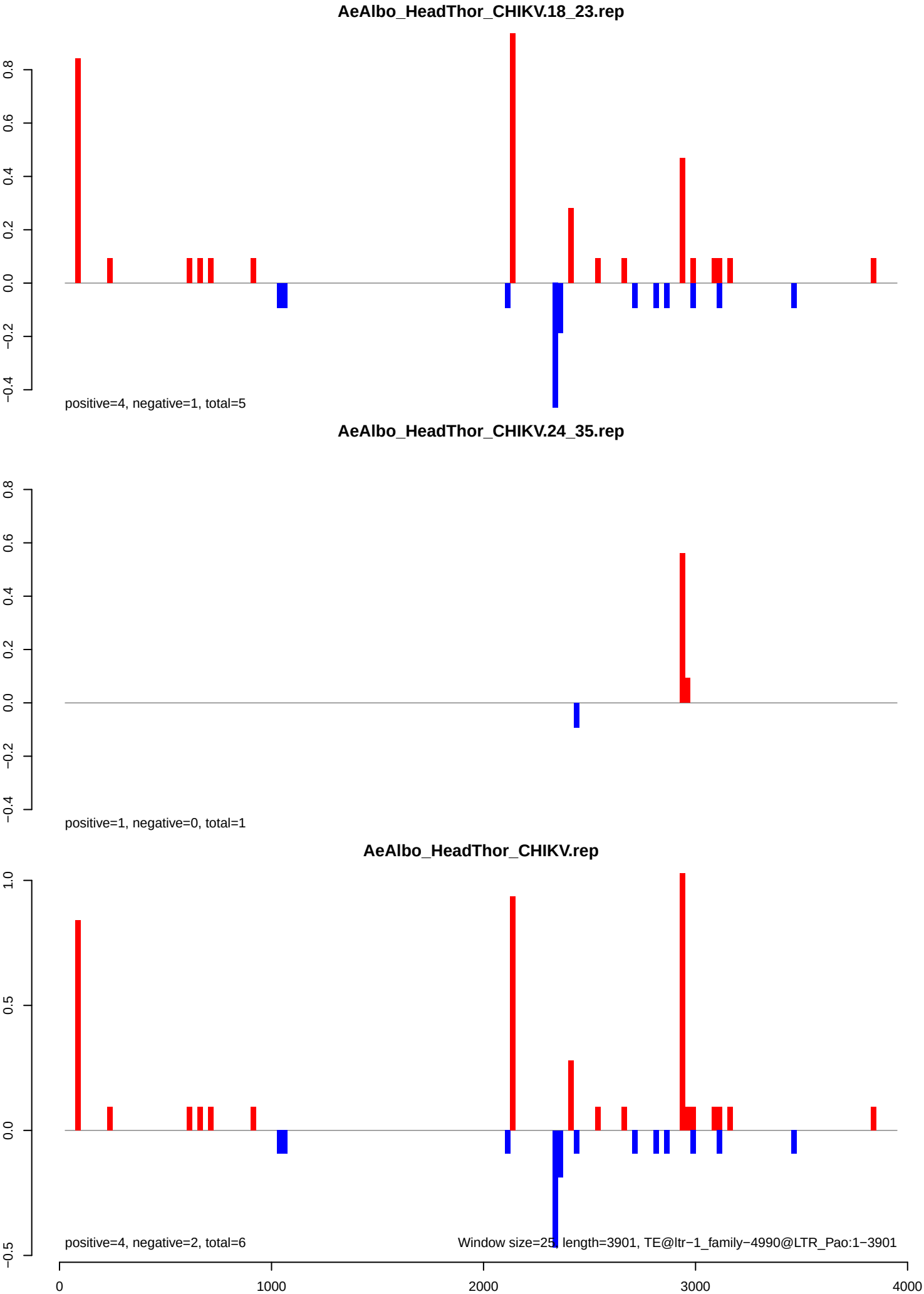

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=3, negative=18, total=21
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=120, total=120
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=3, negative=138, total=141
Window size=25, length=716, TE@ltr−1_family−53@Unknown:1−716
0
200
400
600

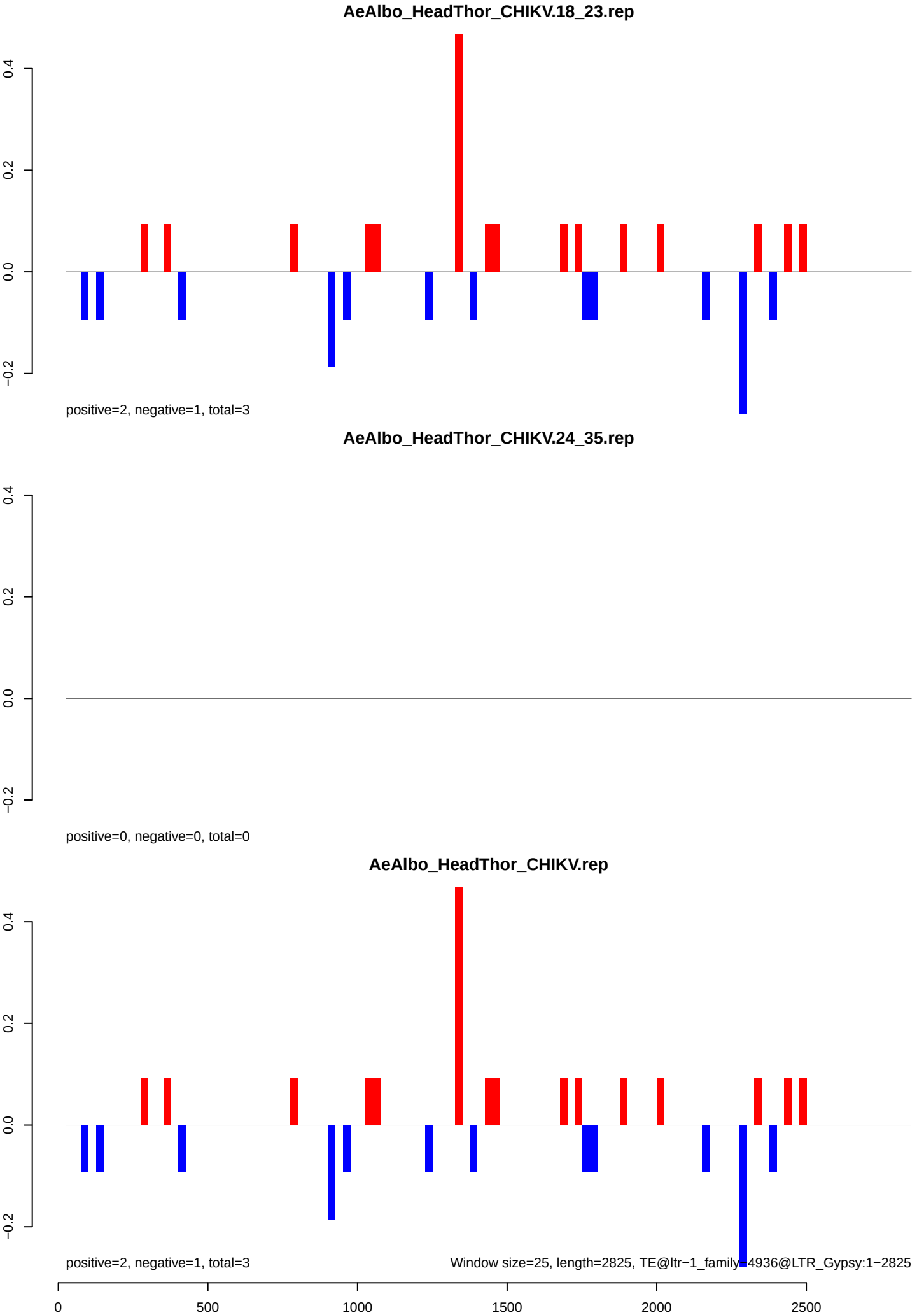

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=21, negative=13, total=34
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=21, negative=13, total=35
Window size=25, length=4290, TE@ltr−1_family−5391@LTR_Gypsy:1−4290
0
1000
2000
3000
4000

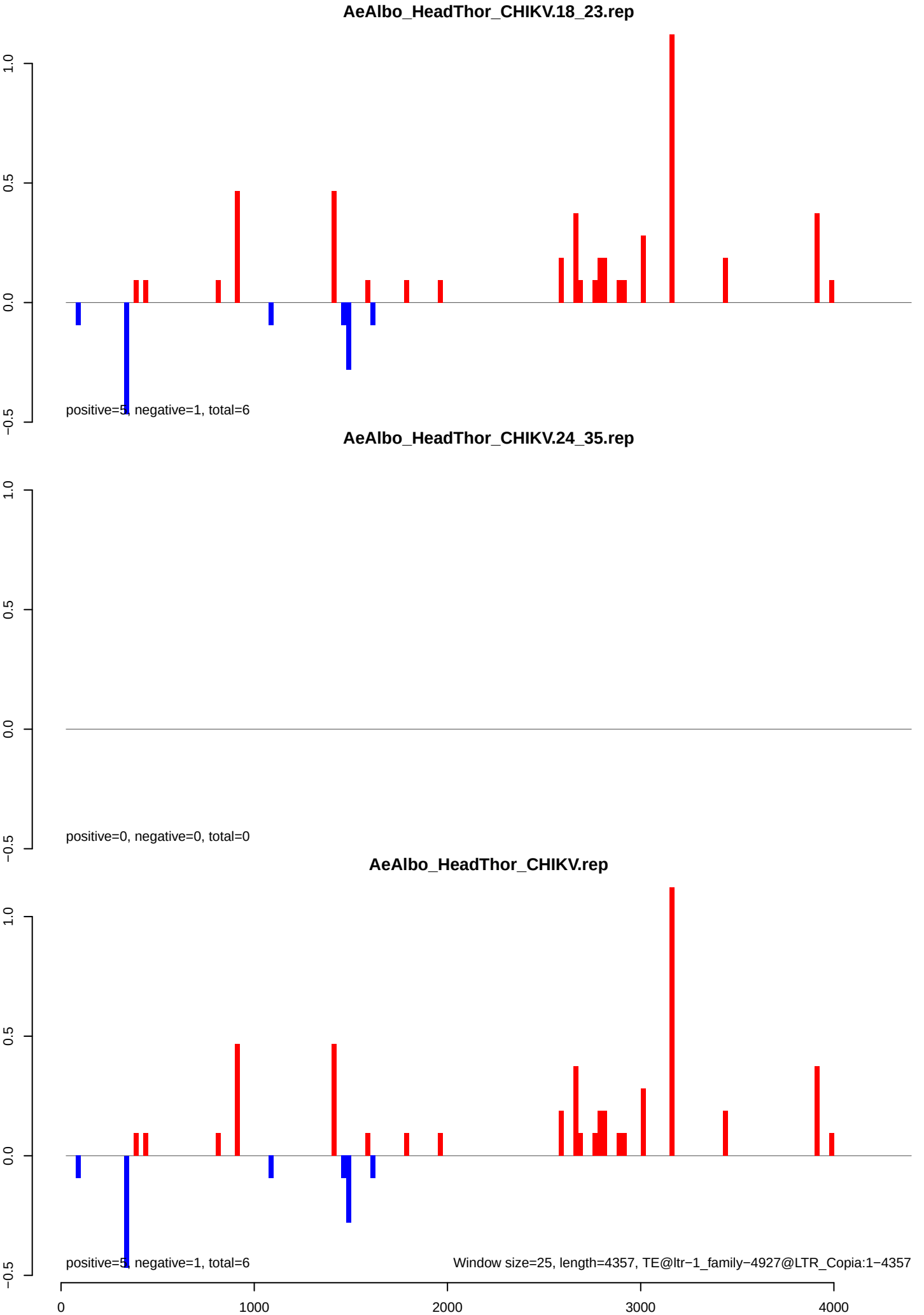

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=3, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=4, total=6
Window size=25, length=7665, TE@ltr−1_family−5355@LINE_I:1−7665
0
2000
4000
6000
8000

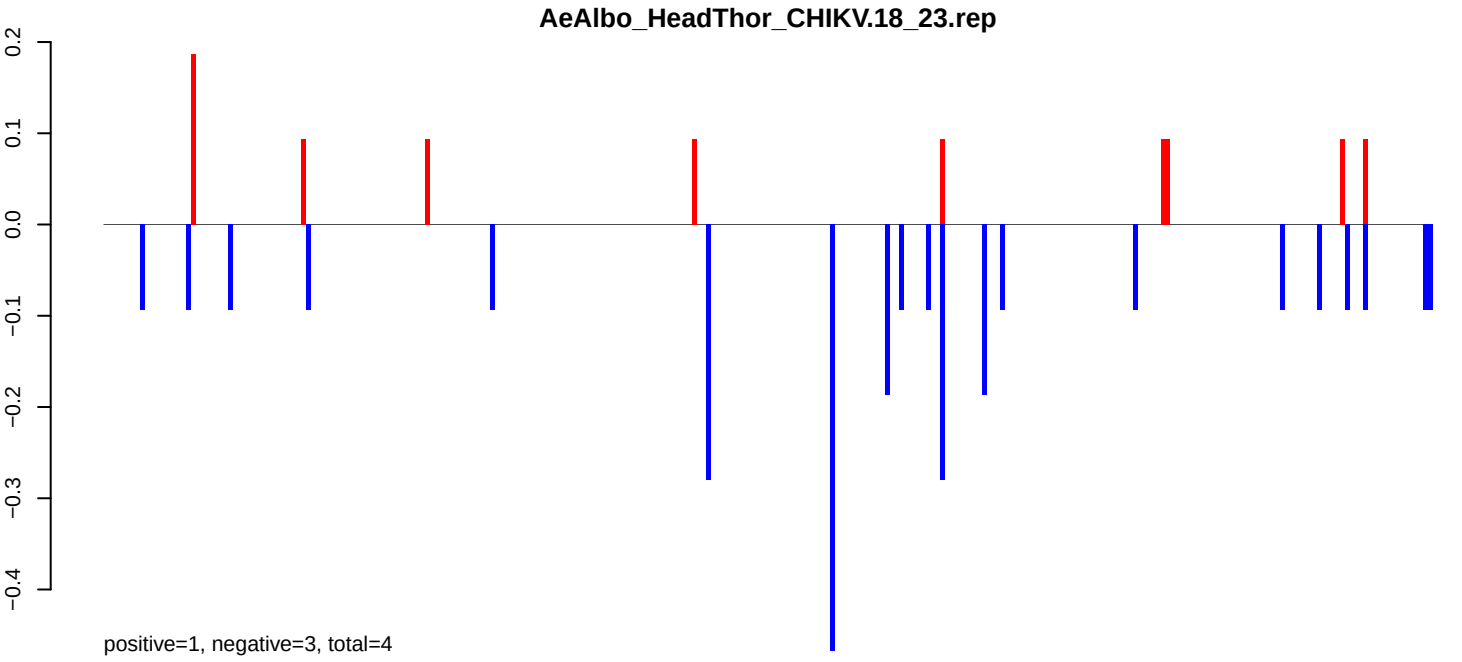

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=1, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=1, total=7
Window size=25, length=2601, TE@ltr−1_family−5219@Unknown:1−2601
0.0
0.5
1.0
1.5
2.0
0
500
1000
1500
2000
2500

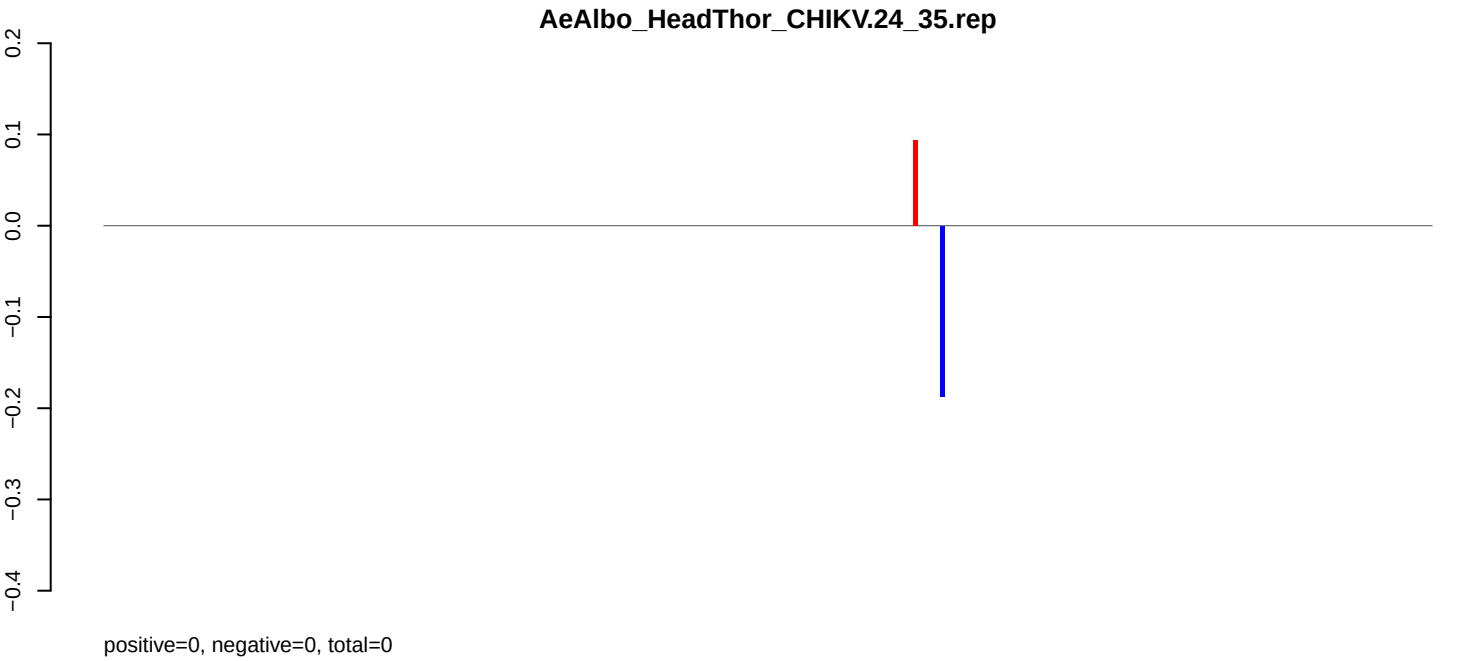

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=3, negative=5, total=8
Window size=25, length=7060, TE@ltr−1_family−5184@LTR_Pao:1−7060
0
1000
2000
3000
4000
5000
6000
7000

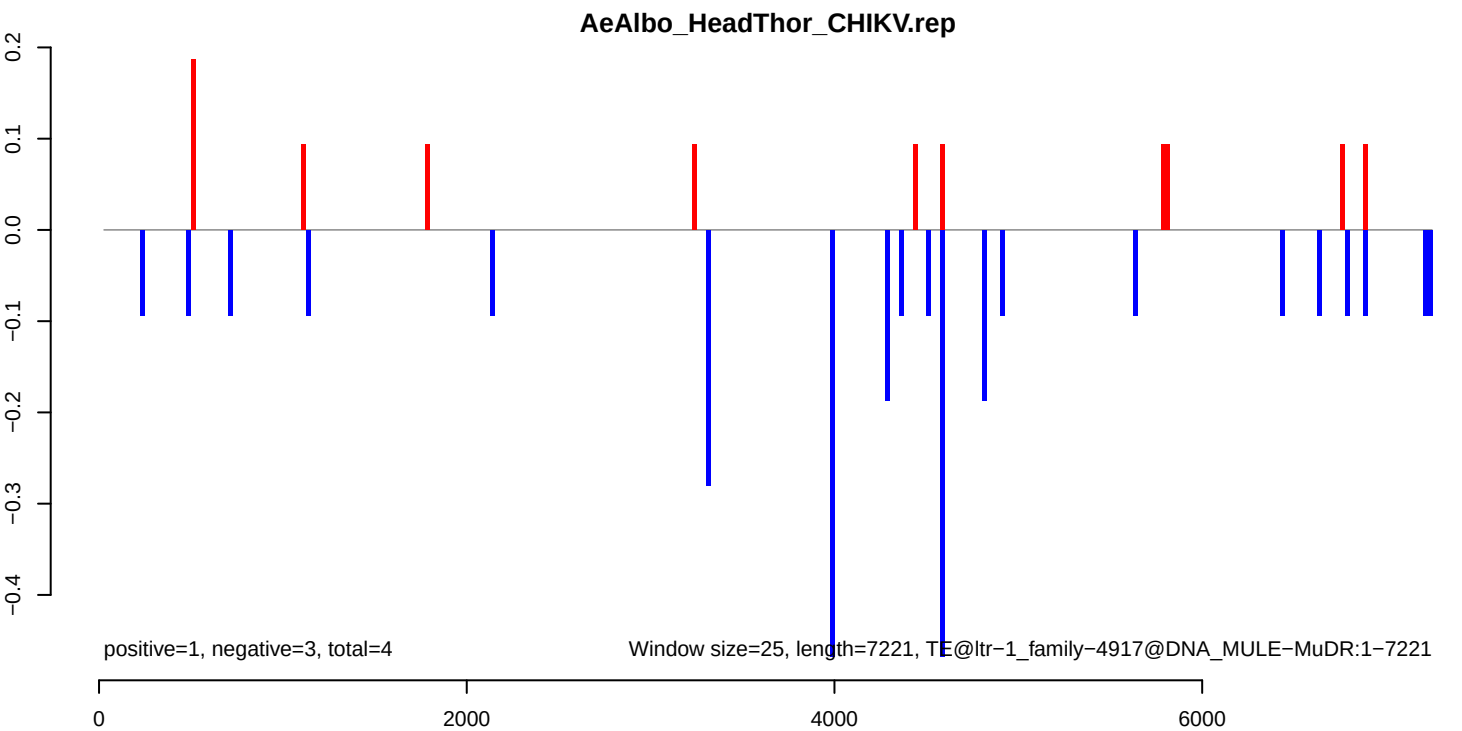

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=4, negative=2, total=6
Window size=25, length=3901, TE@ltr−1_family−4990@LTR_Pao:1−3901
0
1000
2000
3000
4000

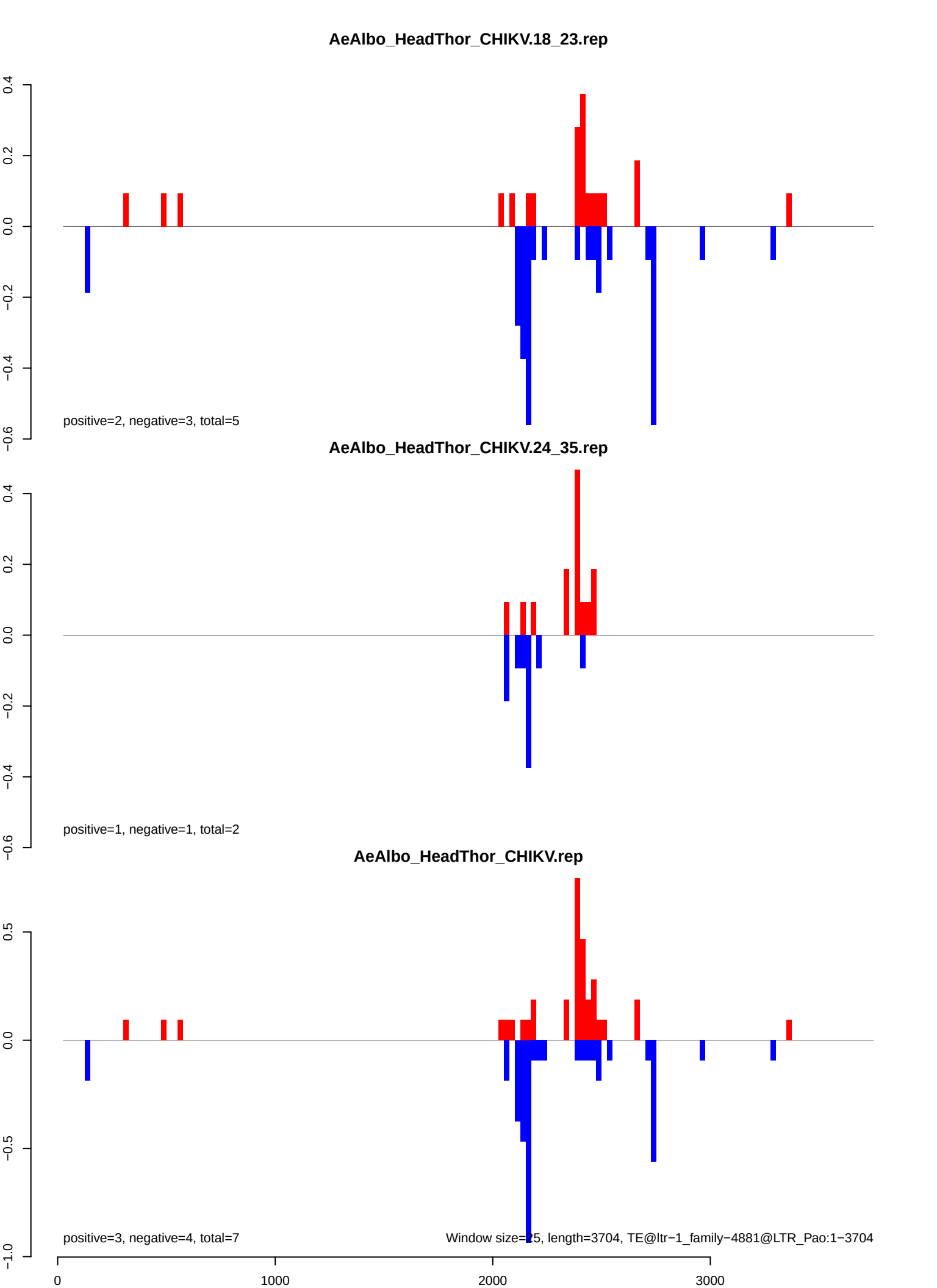

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=2825, TE@ltr−1_family−4936@LTR_Gypsy:1−2825
0
500
1000
1500
2000
2500

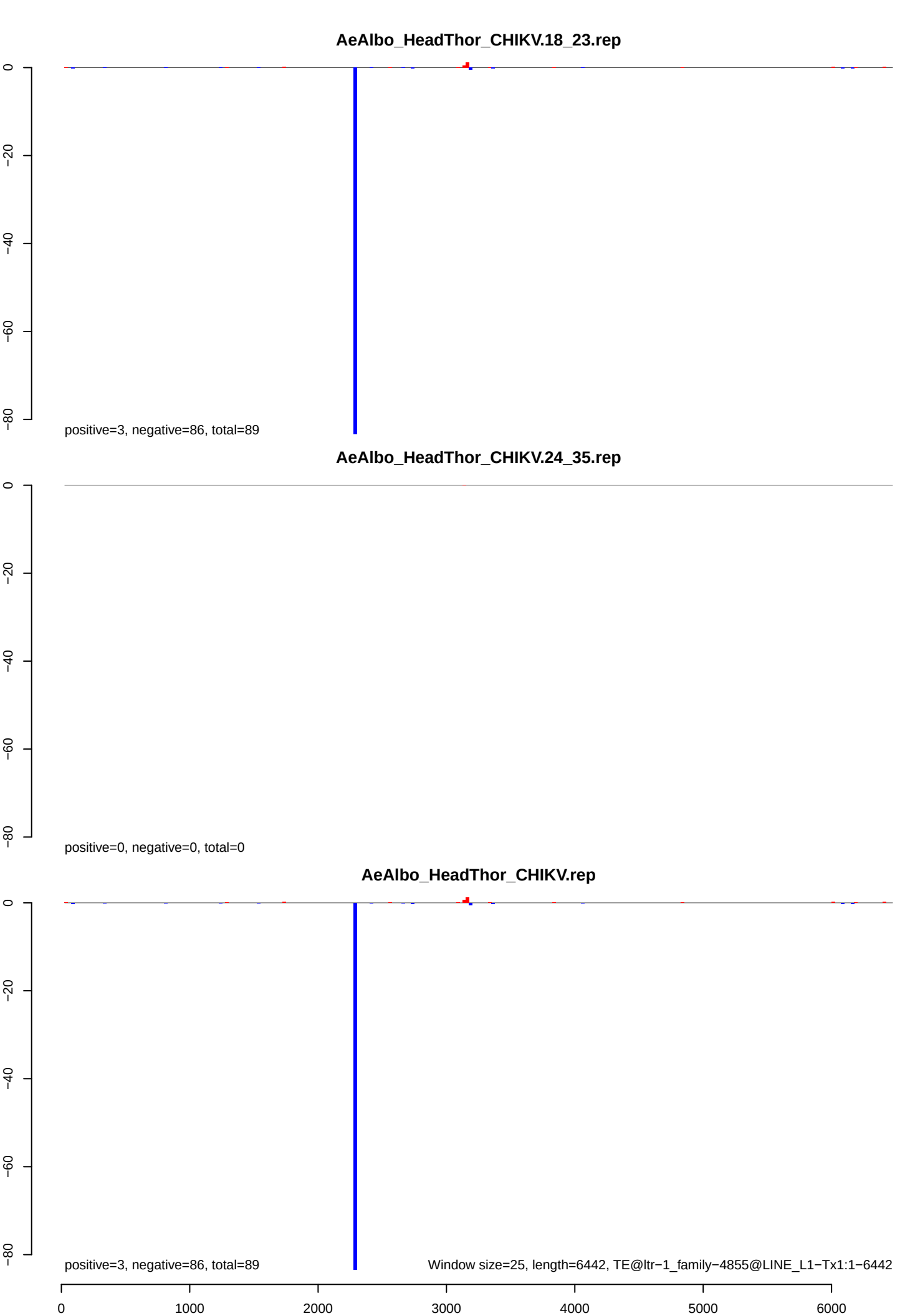

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=5, negative=1, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=5, negative=1, total=6
Window size=25, length=4357, TE@ltr−1_family−4927@LTR_Copia:1−4357
0
1000
2000
3000
4000

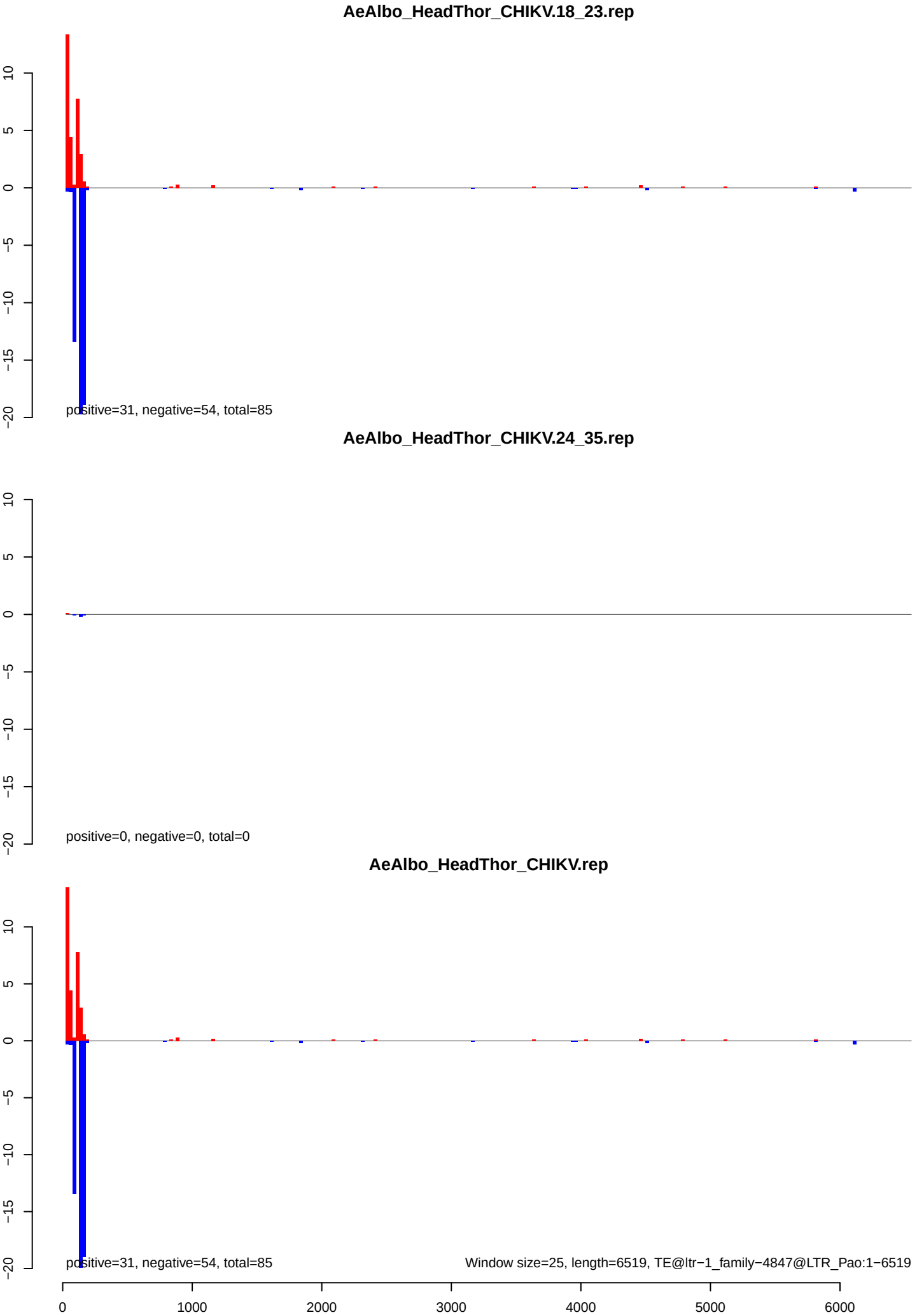

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=3, total=4

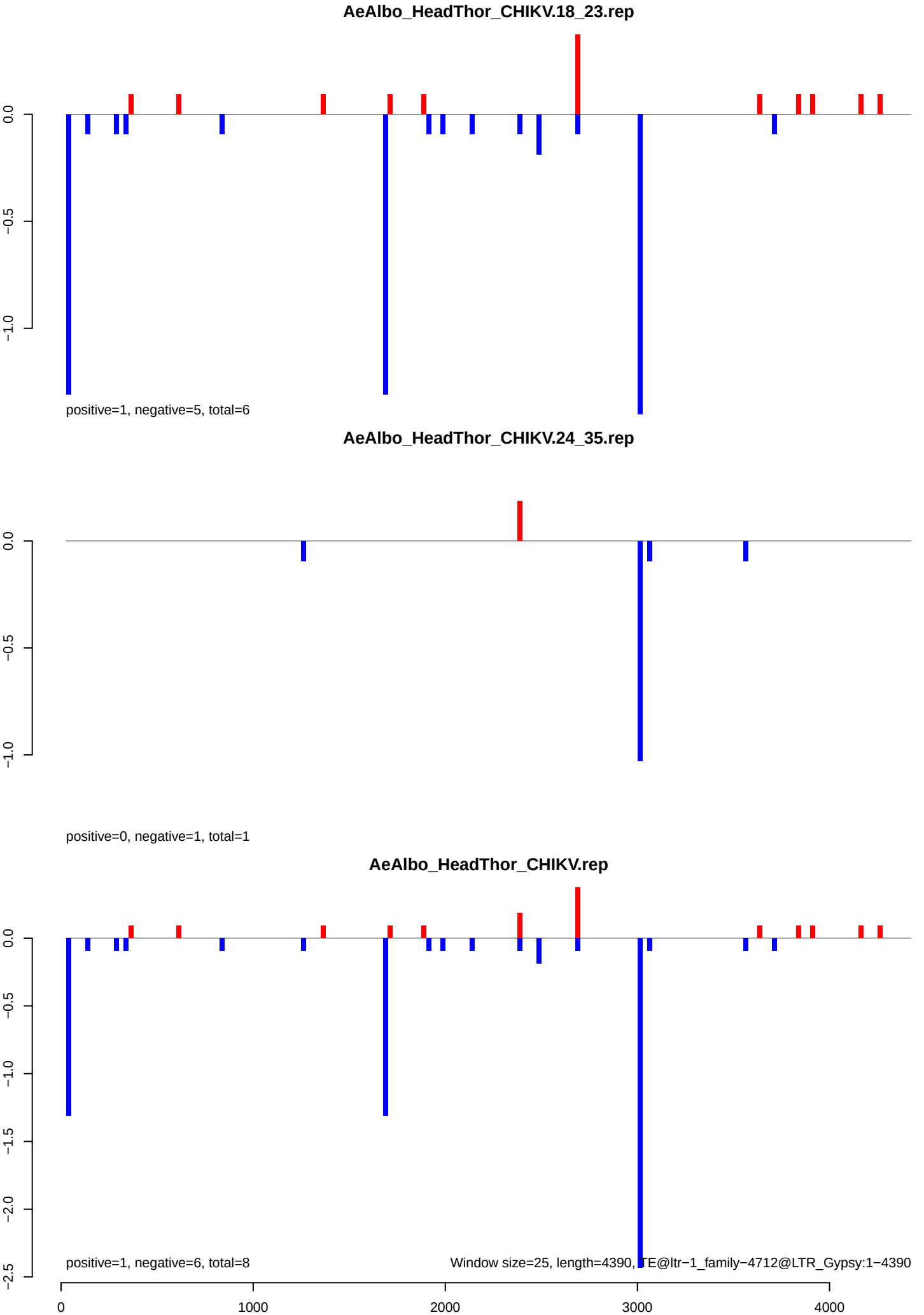

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

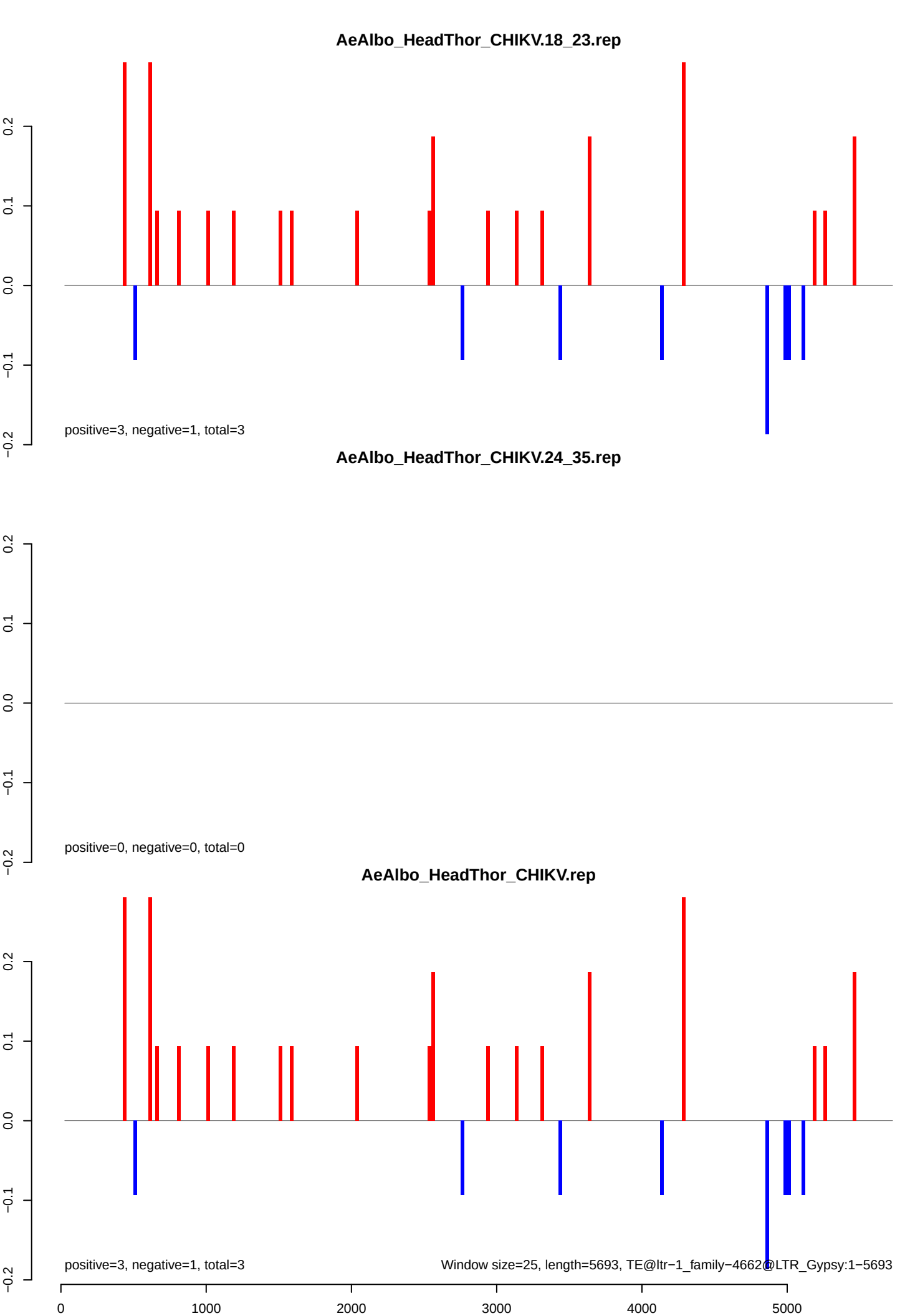

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=3, total=4
Window size=25, length=7221, TE@ltr−1_family−4917@DNA_MULE−MuDR:1−7221
0
2000
4000
6000

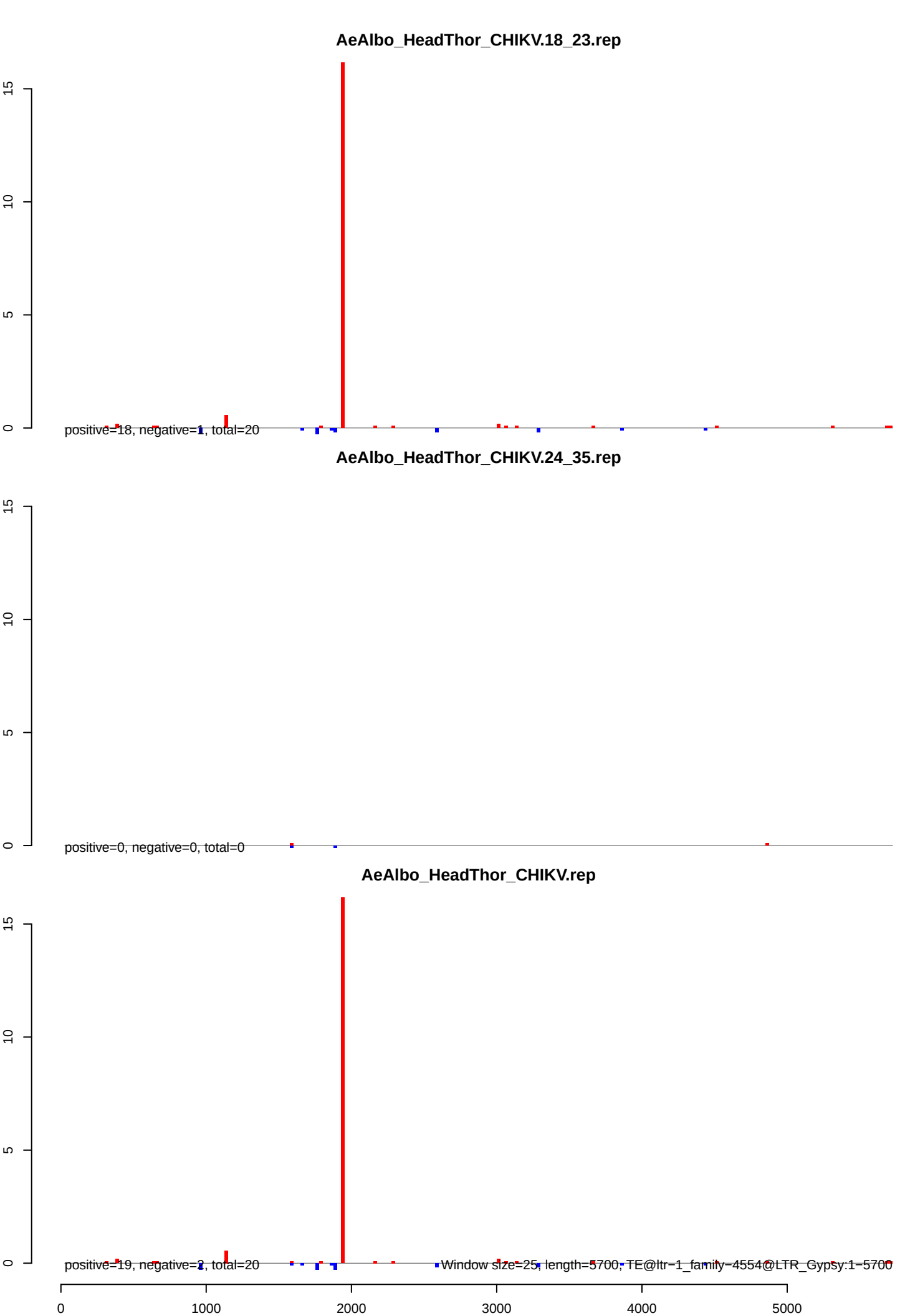

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
Window size=25, length=3704, TE@ltr−1_family−4881@LTR_Pao:1−3704
0
1000
2000
3000

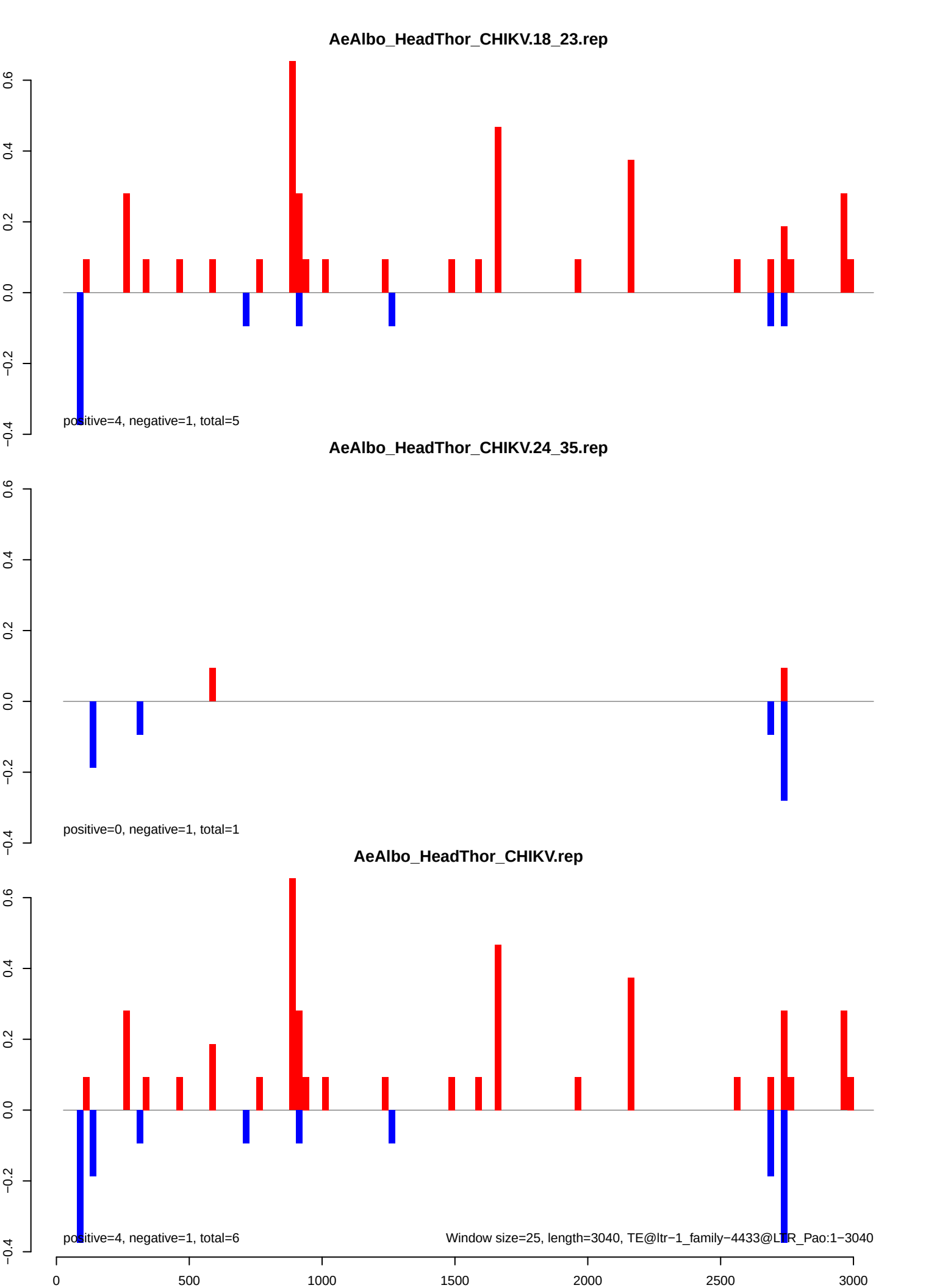

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
positive=3, negative=86, total=89
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
positive=3, negative=86, total=89
Window size=25, length=6442, TE@ltr−1_family−4855@LINE_L1−Tx1:1−6442
0
1000
2000
3000
4000
5000
6000

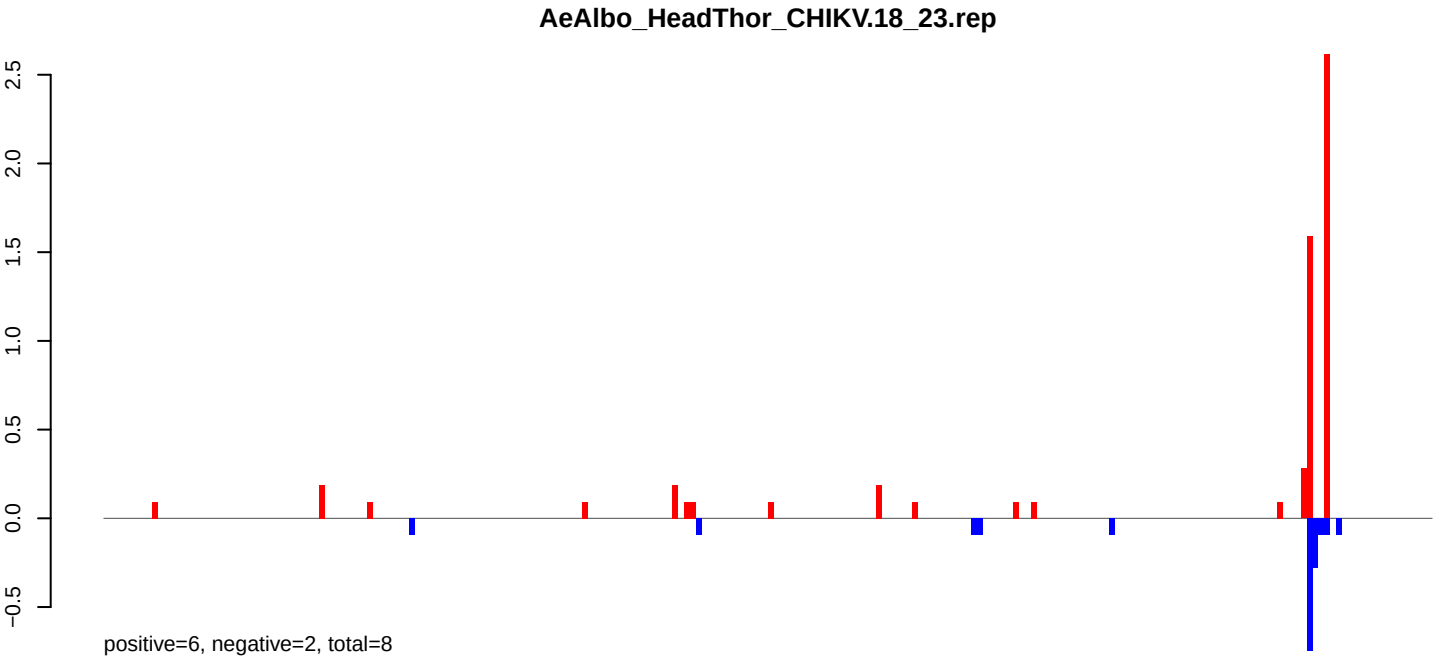

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=31, negative=54, total=85
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=31, negative=54, total=85
Window size=25, length=6519, TE@ltr−1_family−4847@LTR_Pao:1−6519
10
5
0
−5
−10
−15
−20
0
1000
2000
3000
4000
5000
6000

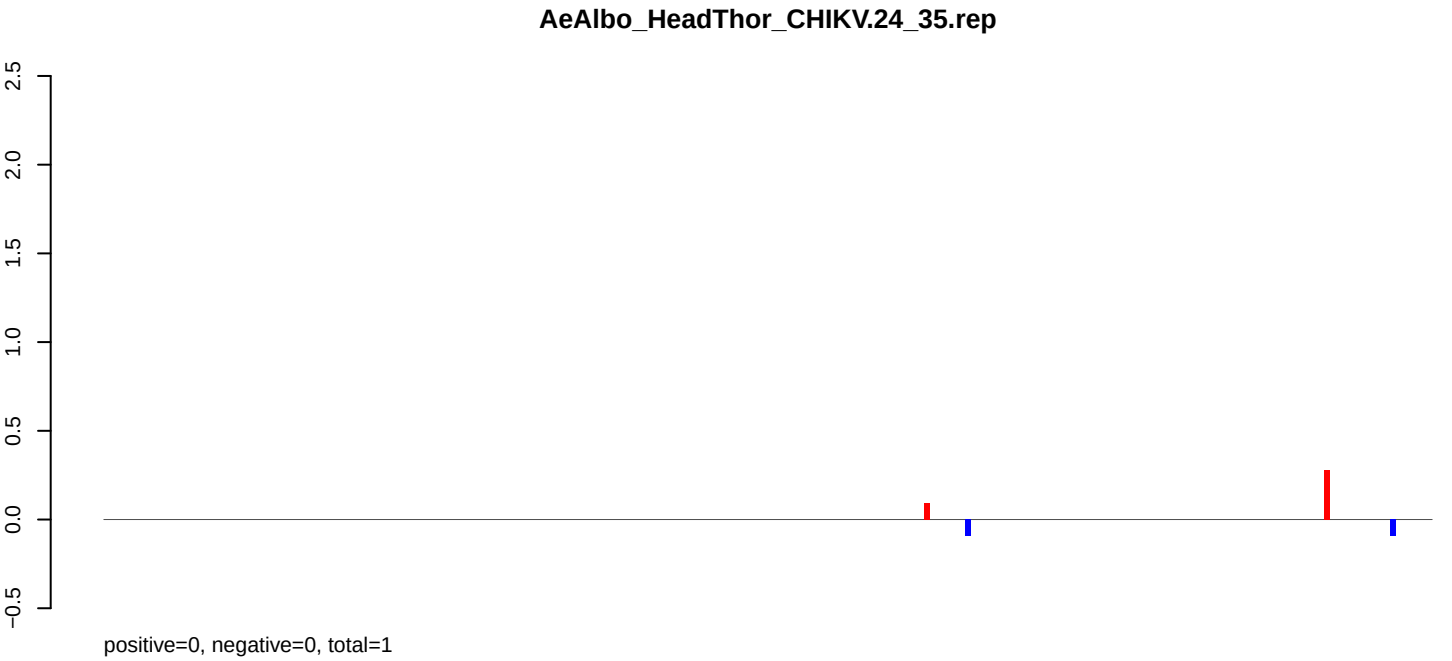

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=6, total=8
Window size=25, length=4390, TE@ltr−1_family−4712@LTR_Gypsy:1−4390
0
1000
2000
3000
4000

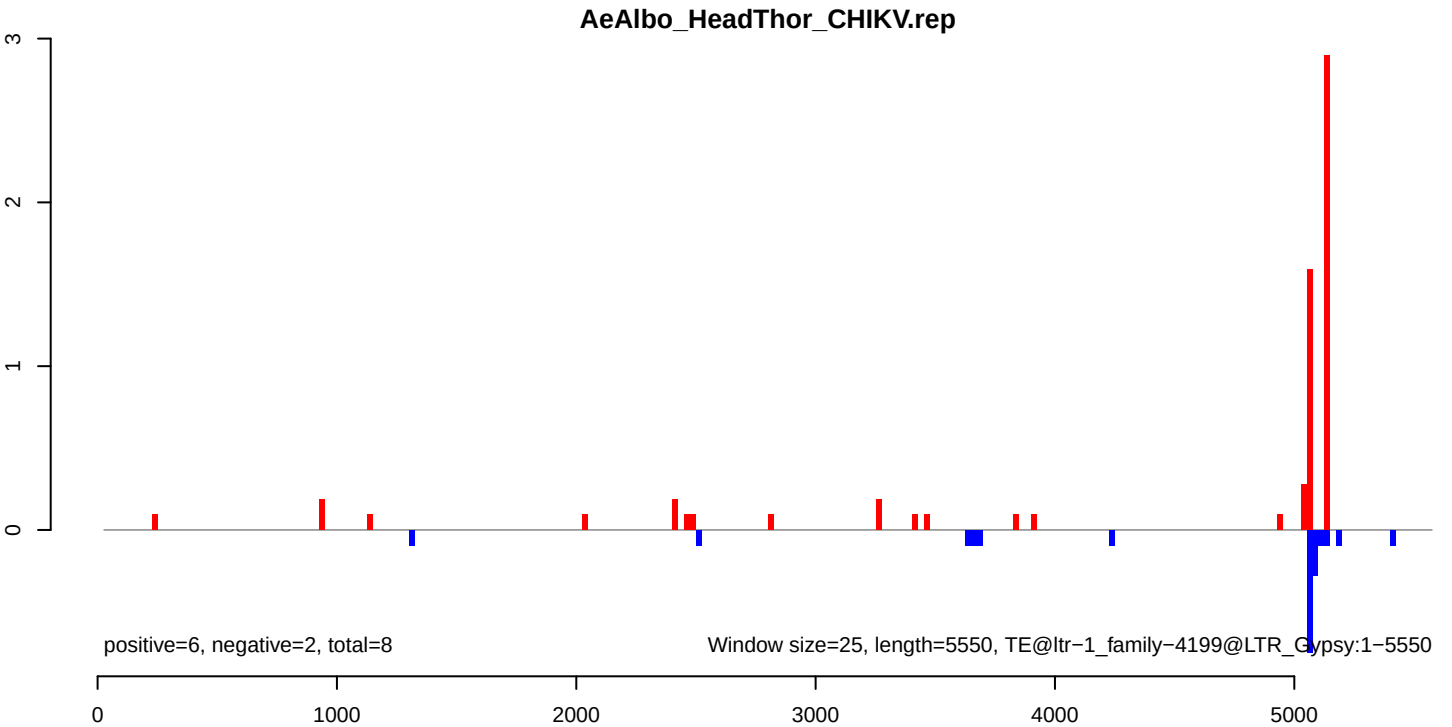

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=3, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=3, negative=1, total=3
Window size=25, length=5693, TE@ltr−1_family−4662@LTR_Gypsy:1−5693
0
1000
2000
3000
4000
5000

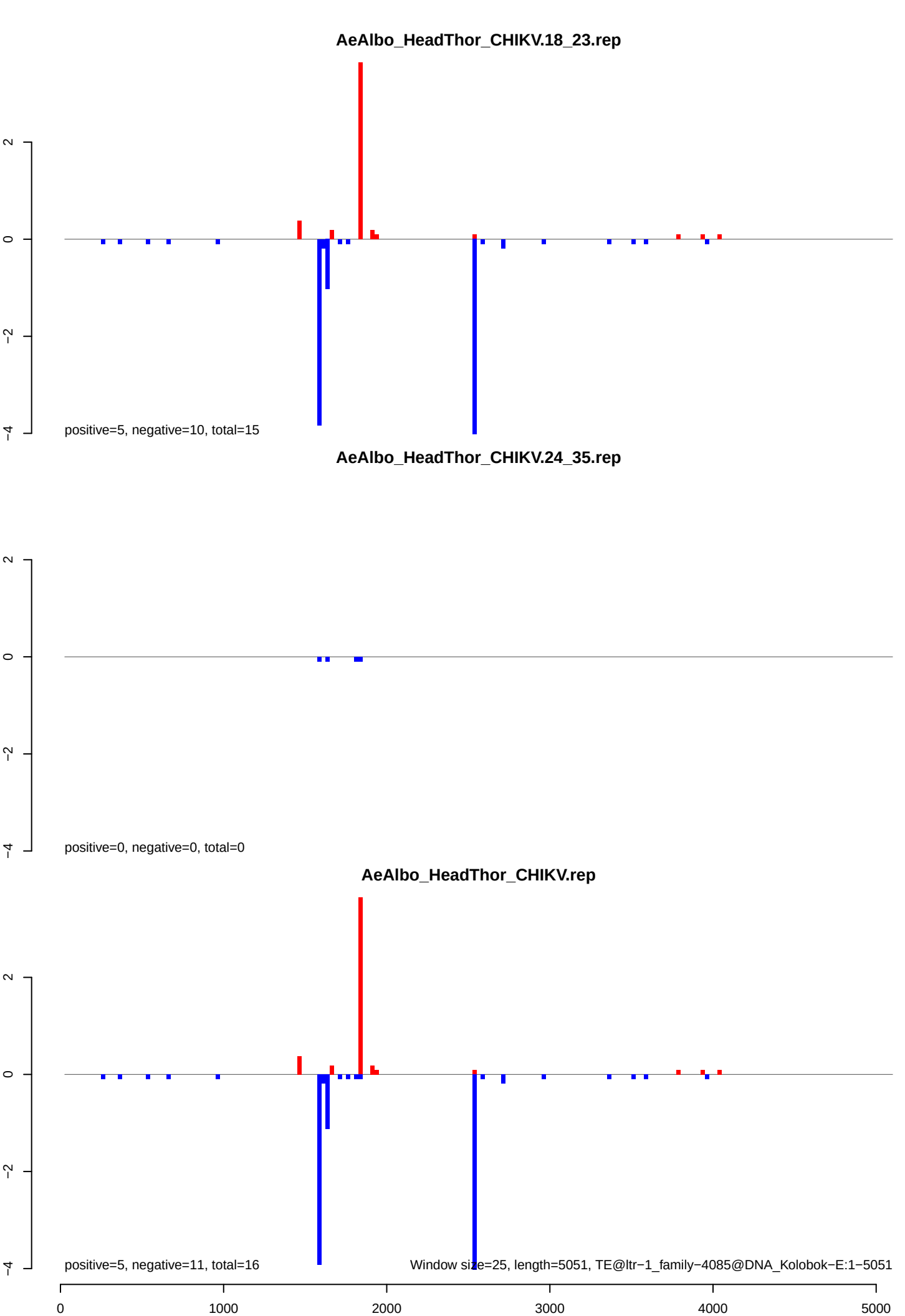

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=18, negative=1, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=1, total=20
Window size=25, length=5700, TE@ltr=1_family=4554@LTR_Gypsy:1=5700
0
5
10
15
0
1000
2000
3000
4000
5000

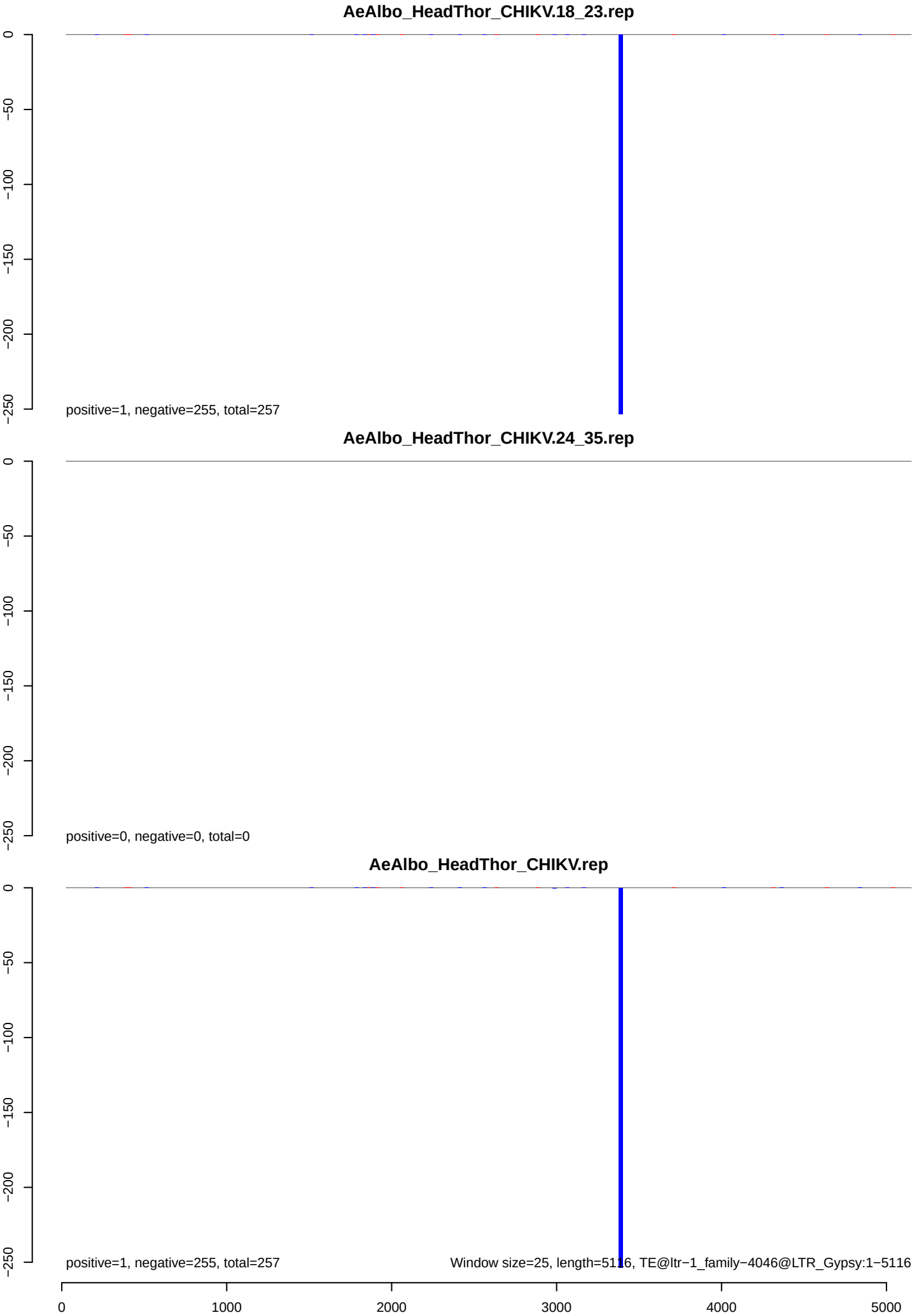

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=1, total=6
Window size=25, length=3040, TE@ltr−1_family−4433@LTR_Pao:1−3040
0.6
0.4
0.2
0.0
−0.2
−0.4
0
500
1000
1500
2000
2500
3000

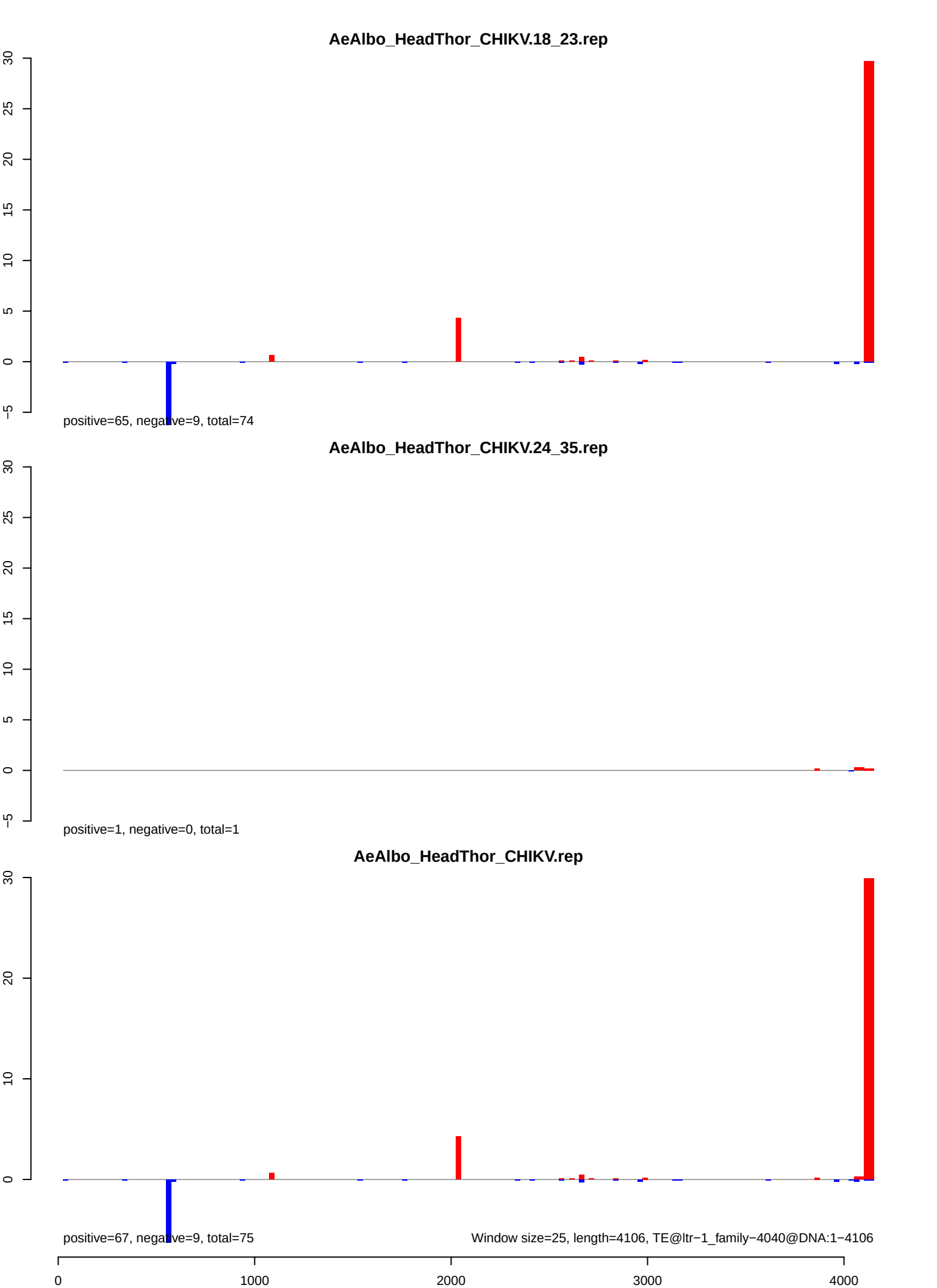

AeAlbo_HeadThor_CHIKV.18_23.rep
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
positive=6, negative=2, total=8

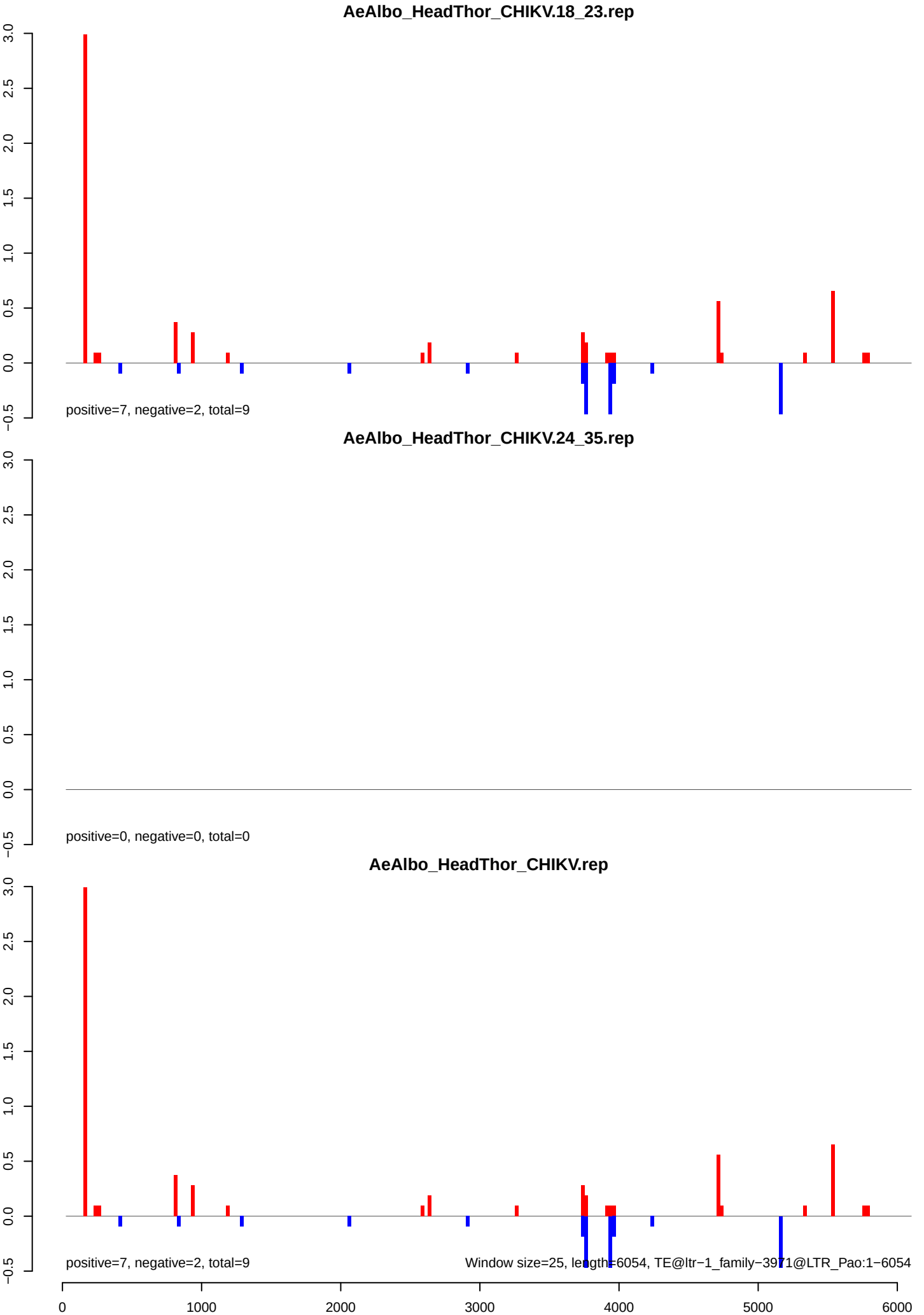

AeAlbo_HeadThor_CHIKV.24_35.rep
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=1

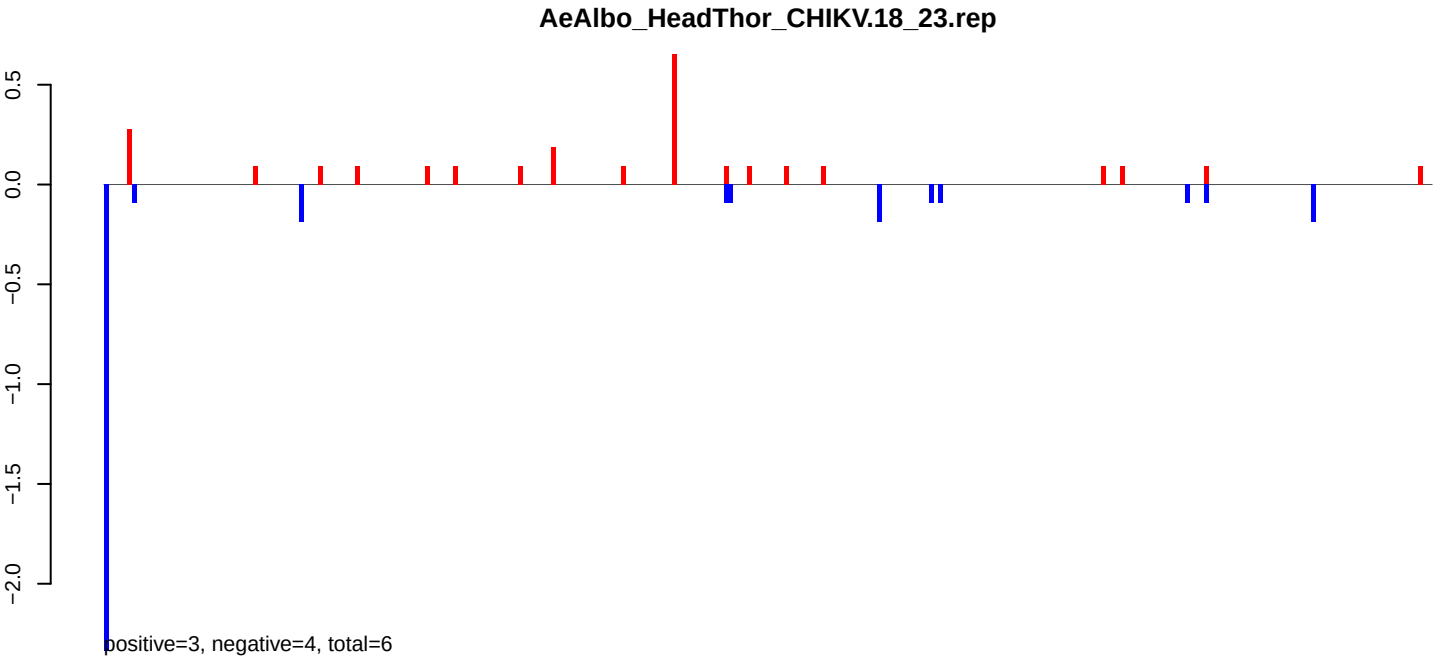

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
positive=6, negative=2, total=8
Window size=25, length=5550, TE@ltr−1_family−4199@LTR_Gypsy:1−5550
0
1000
2000
3000
4000
5000

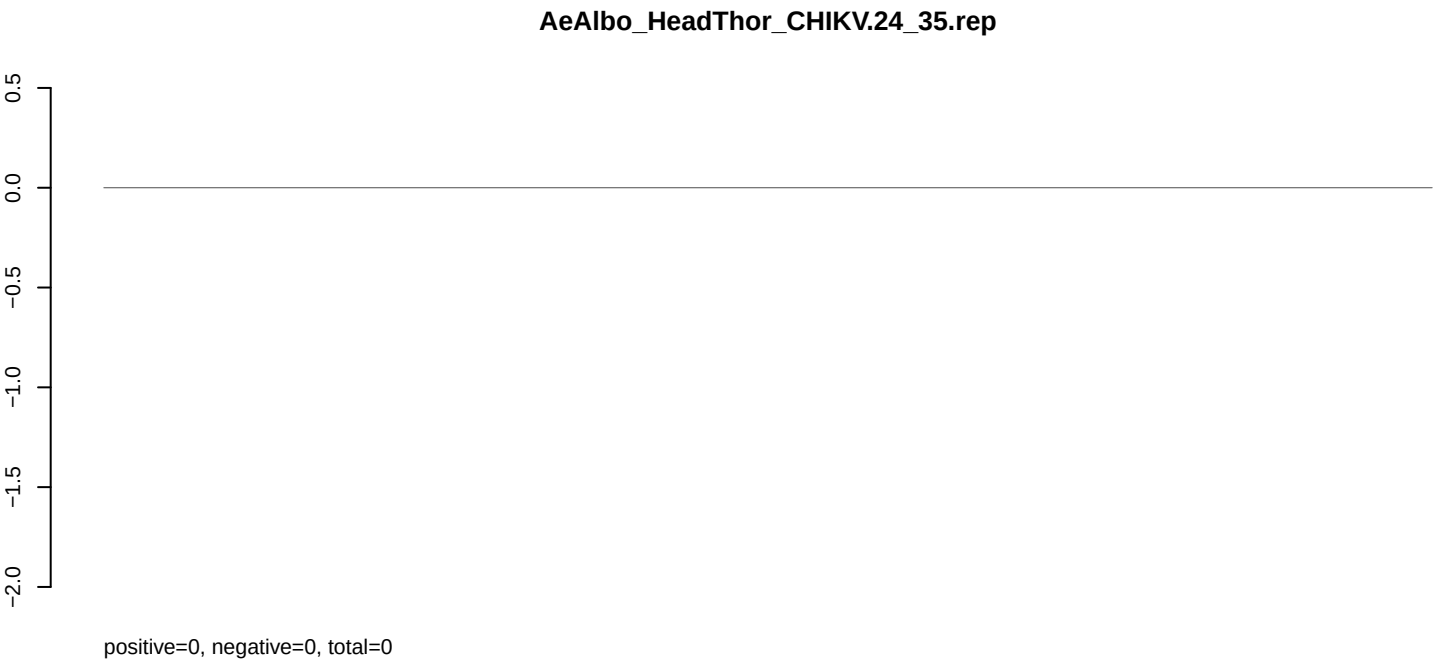

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=10, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=11, total=16
Window size=25, length=5051, TE@ltr−1_family−4085@DNA_Kolobok−E:1−5051
2
0
−2
−4
0
1000
2000
3000
4000
5000

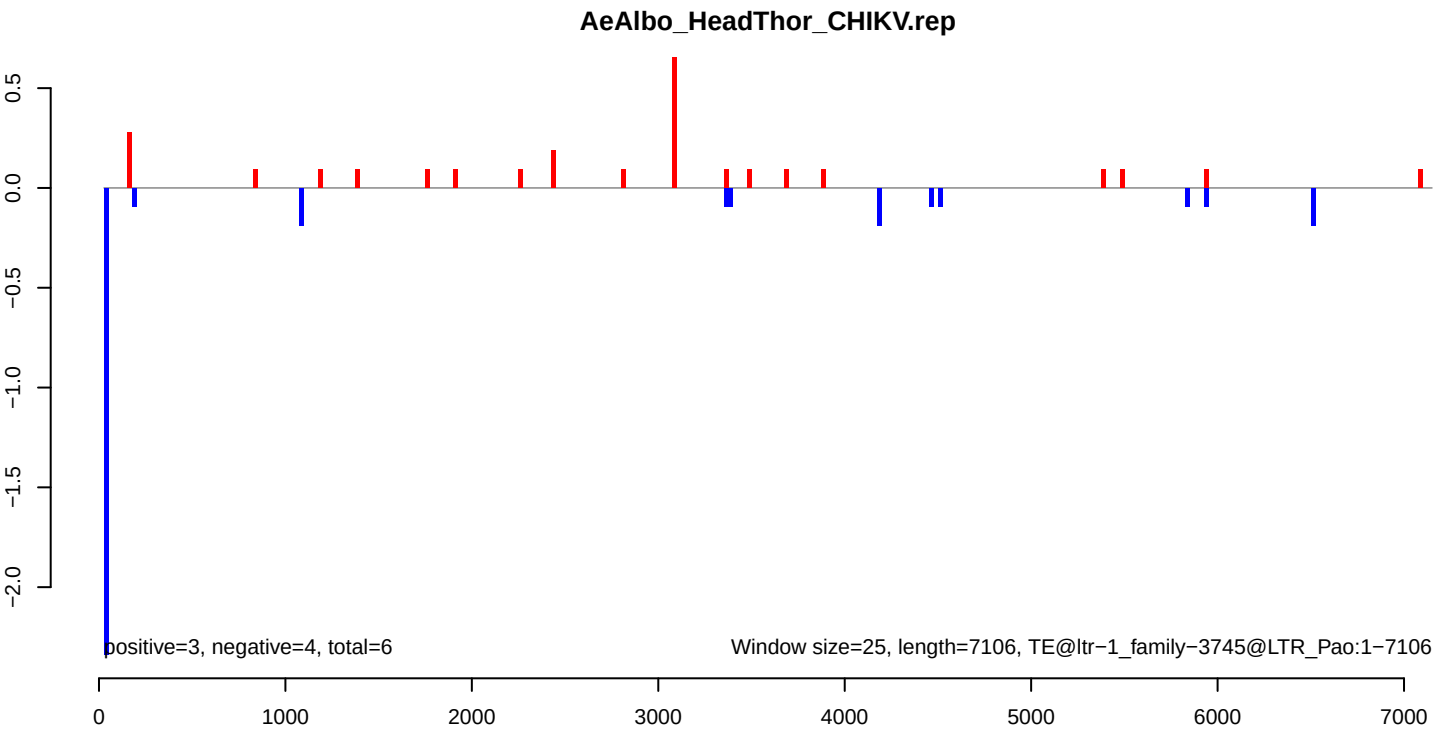

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
−200
−250
positive=1, negative=255, total=257
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
−200
−250
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
−200
−250
positive=1, negative=255, total=257
Window size=25, length=5116, TE@ltr−1_family−4046@LTR_Gypsy:1−5116
0
1000
2000
3000
4000
5000

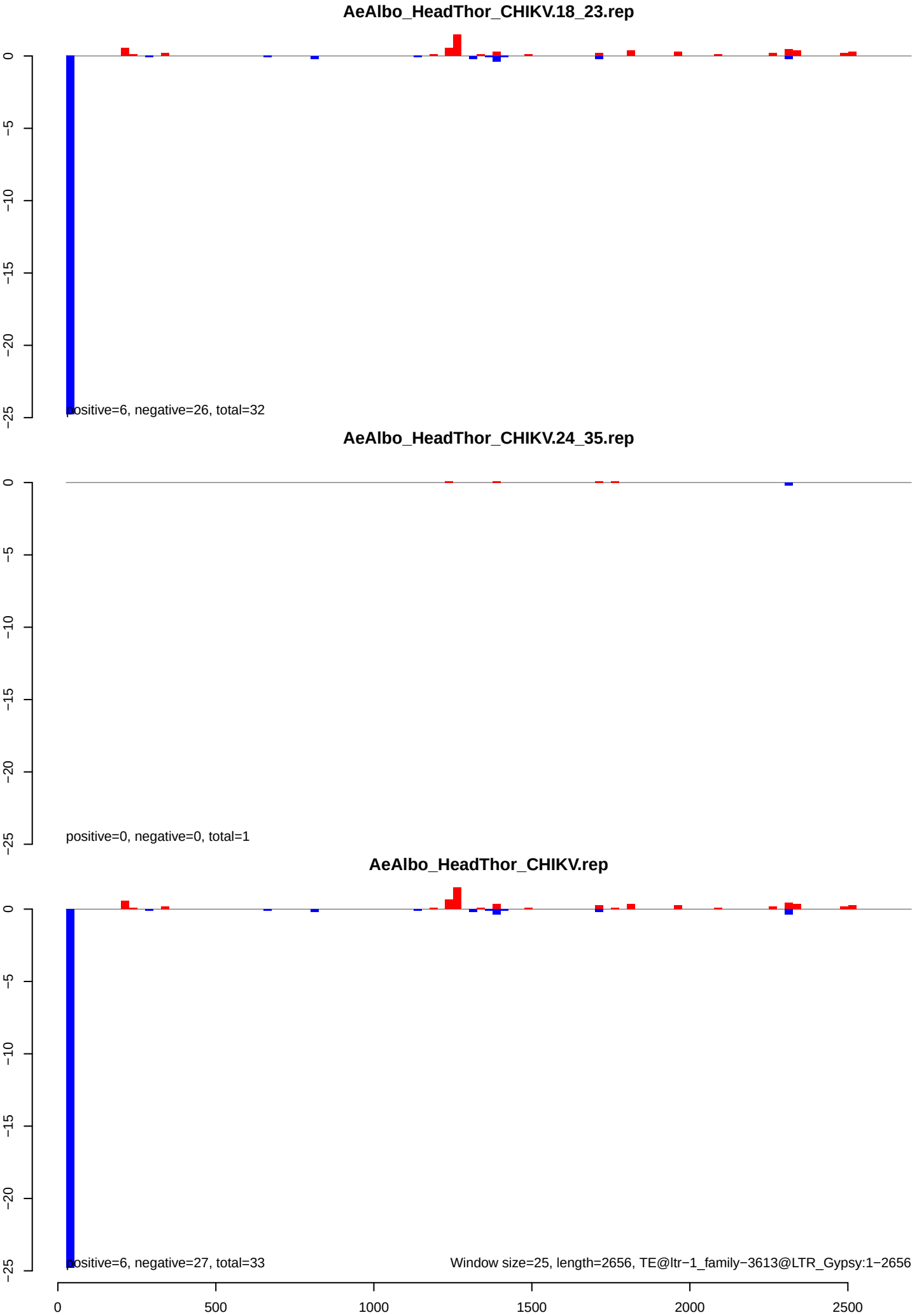

AeAlbo_HeadThor_CHIKV.18_23.rep
30
25
20
15
10
5
0
−5
positive=65, negative=9, total=74
AeAlbo_HeadThor_CHIKV.24_35.rep
30
25
20
15
10
5
0
−5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
30
20
10
0
positive=67, negative=9, total=75
Window size=25, length=4106, TE@ltr−1_family−4040@DNA:1−4106
0
1000
2000
3000
4000

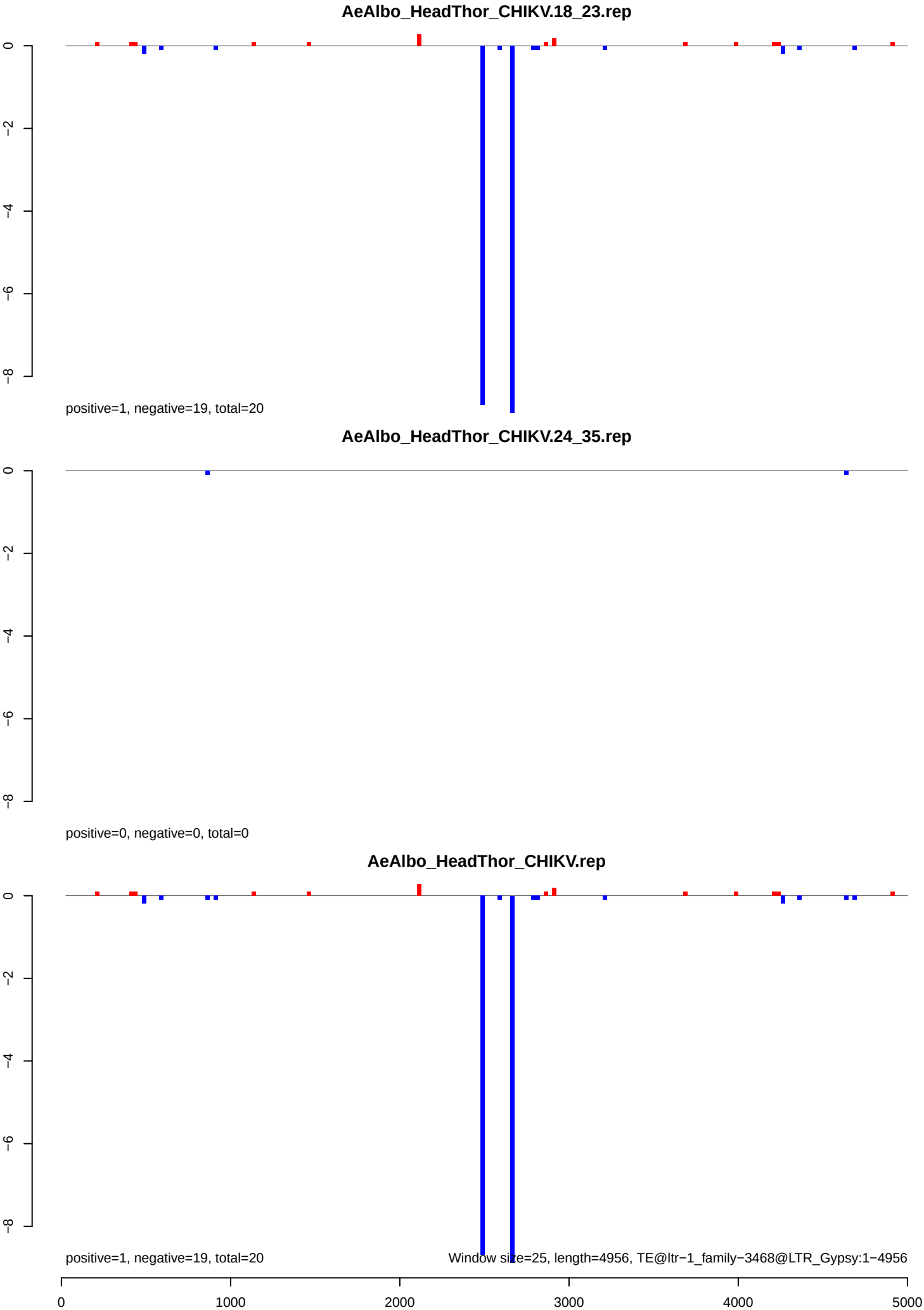

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=2, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=2, total=9
Window size=25, length=6054, TE@ltr−1_family−3971@LTR_Pao:1−6054
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000
5000
6000

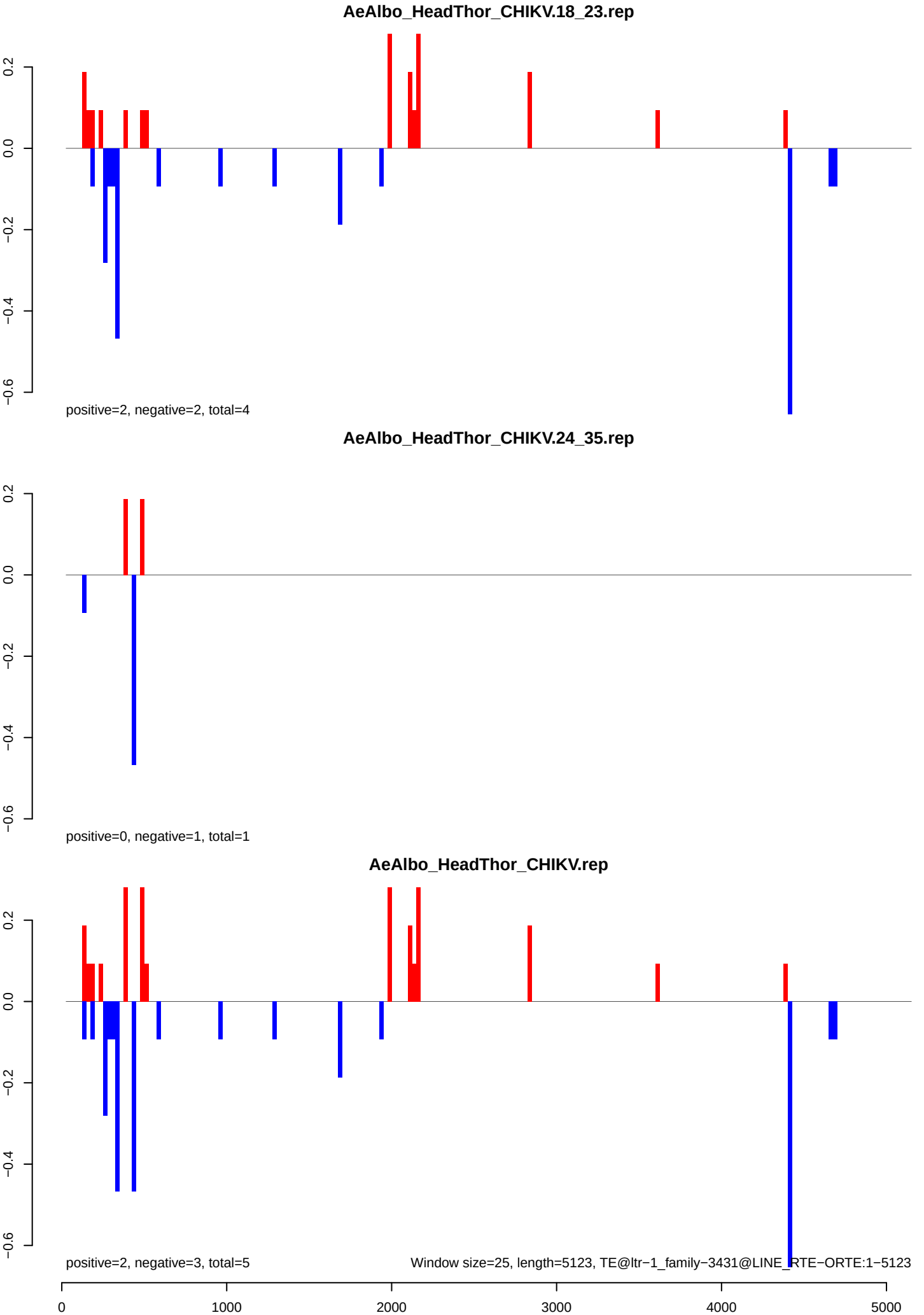

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=3, negative=4, total=6

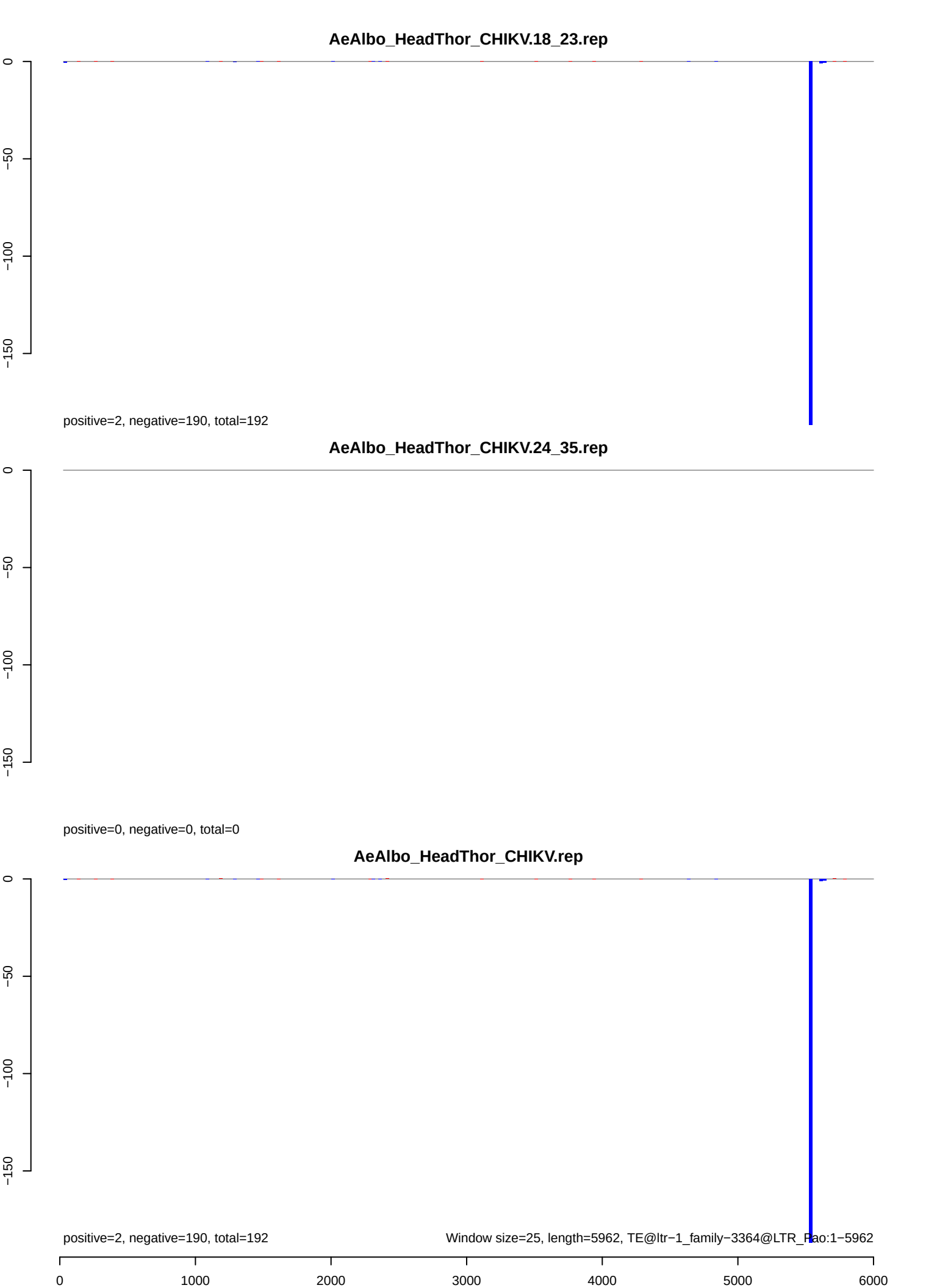

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0

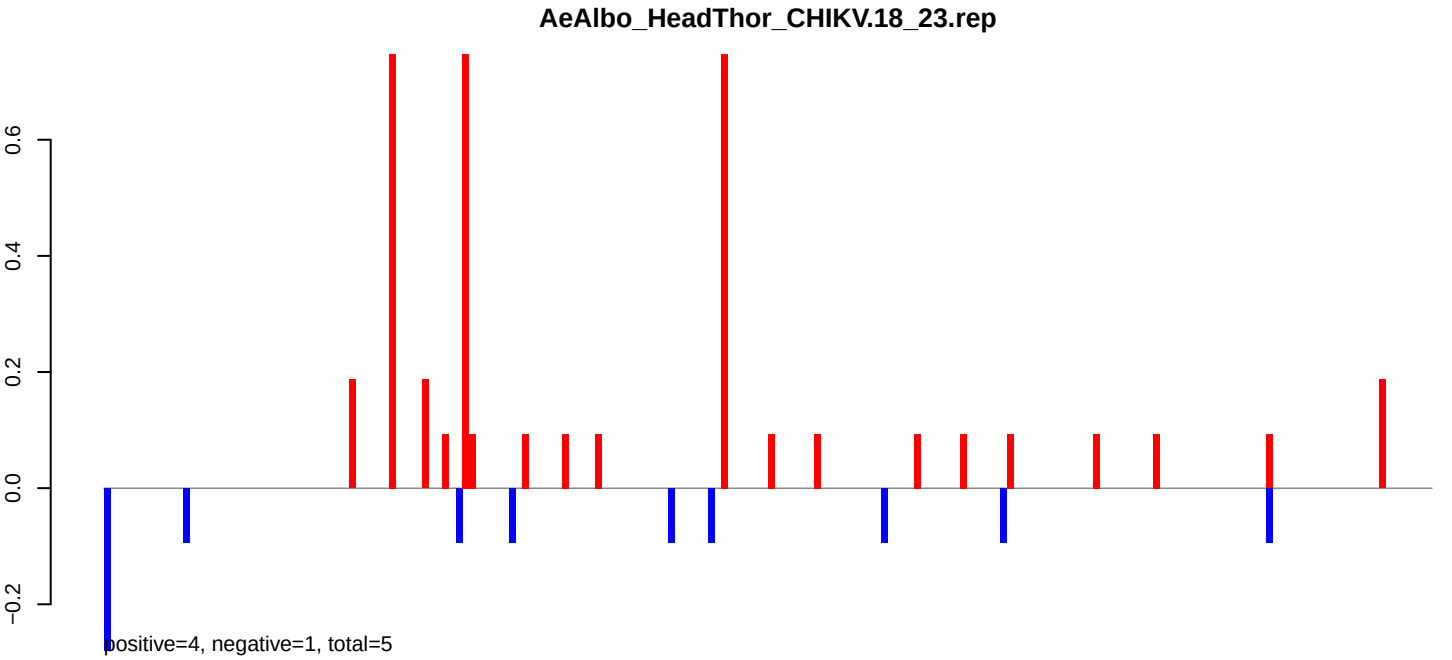

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=3, negative=4, total=6
Window size=25, length=7106, TE@ltr−1_family−3745@LTR_Pao:1−7106
0
1000
2000
3000
4000
5000
6000
7000

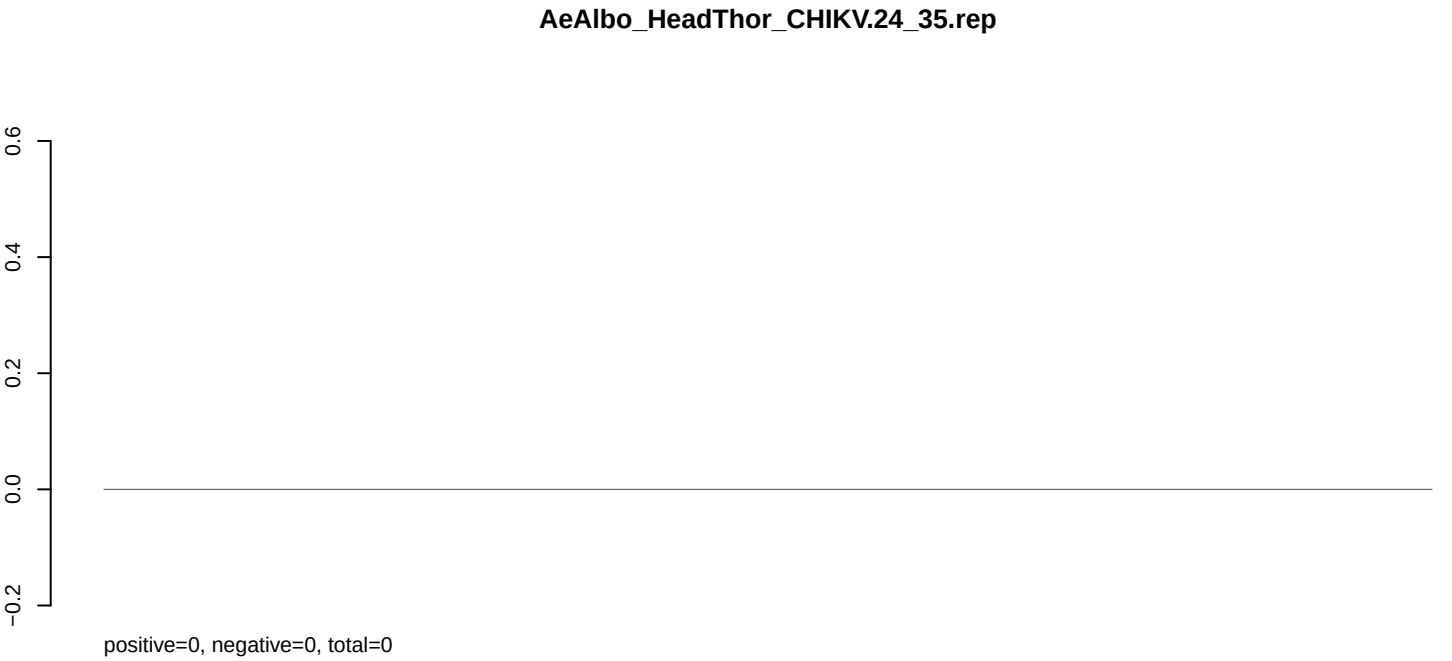

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=6, negative=26, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=6, negative=27, total=33
Window size=25, length=2656, TE@ltr−1_family−3613@LTR_Gypsy:1−2656
0
500
1000
1500
2000
2500

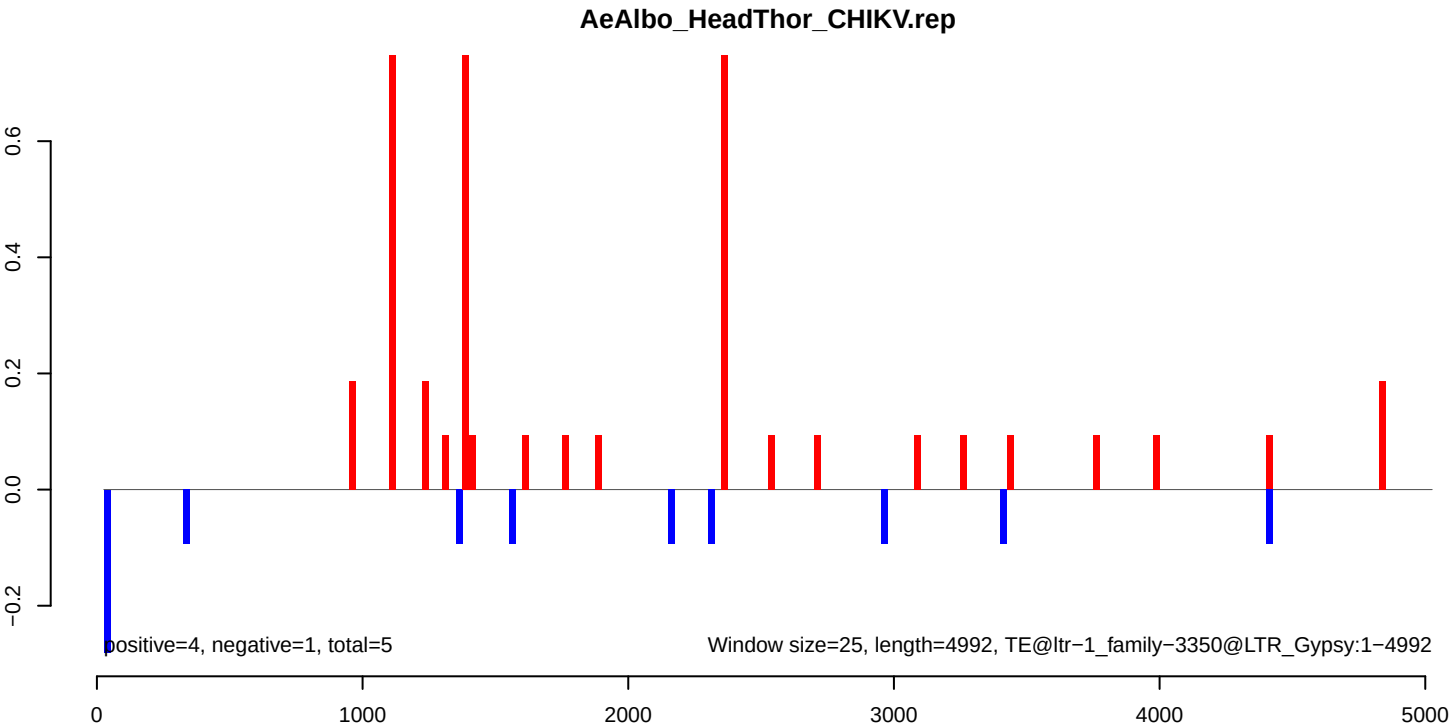

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=1, negative=19, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=1, negative=19, total=20
Window size=25, length=4956, TE@ltr−1_family−3468@LTR_Gypsy:1−4956
0
1000
2000
3000
4000
5000

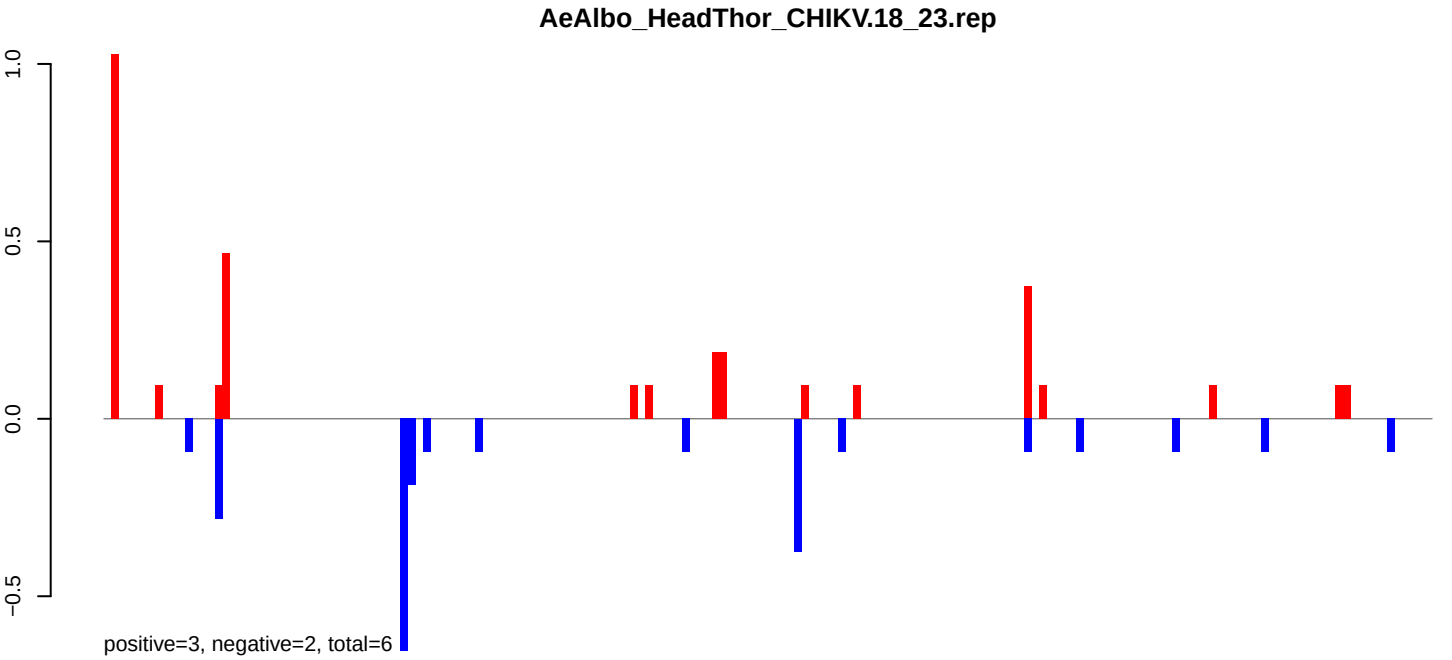

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=5
Window size=25, length=5123, TE@ltr−1_family−3431@LINE_RTE−ORTE:1−5123
0
1000
2000
3000
4000
5000

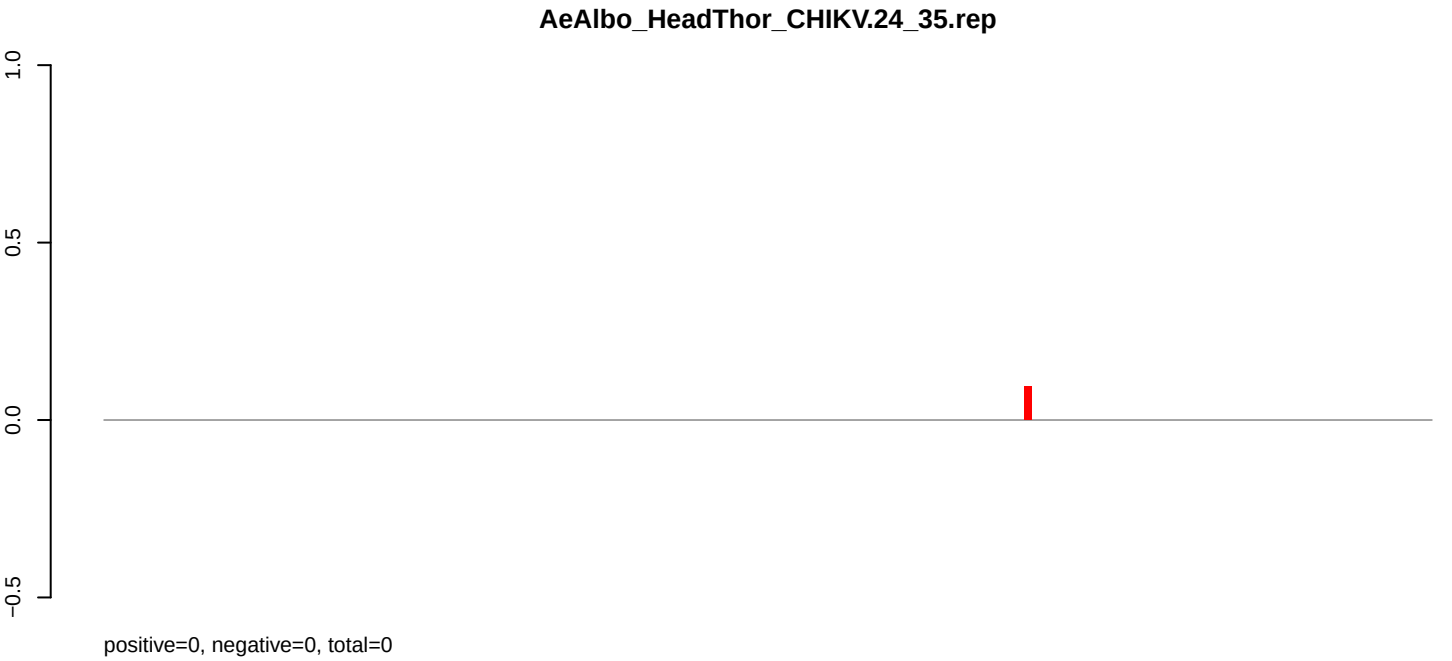

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
positive=2, negative=190, total=192
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
positive=2, negative=190, total=192
Window size=25, length=5962, TE@ltr−1_family−3364@LTR_Pao:1−5962
0
1000
2000
3000
4000
5000
6000

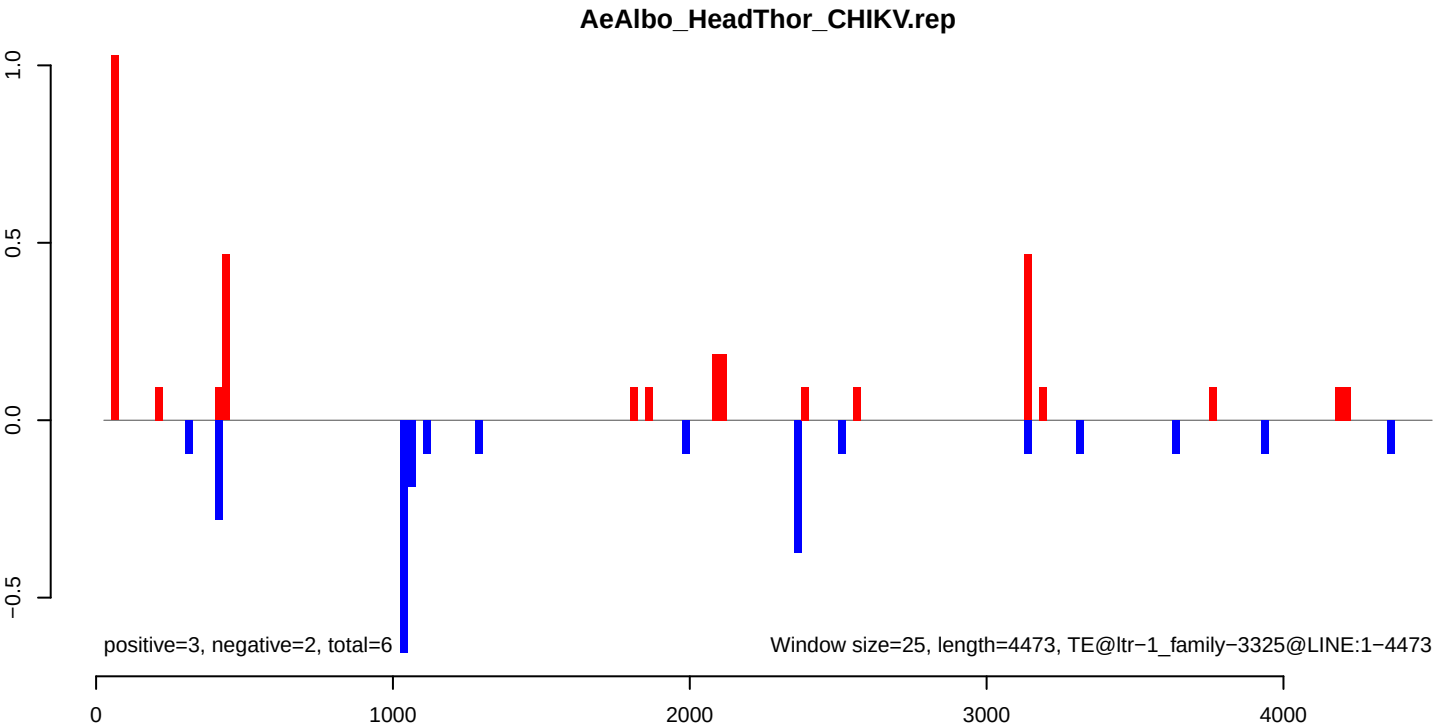

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=1, total=5

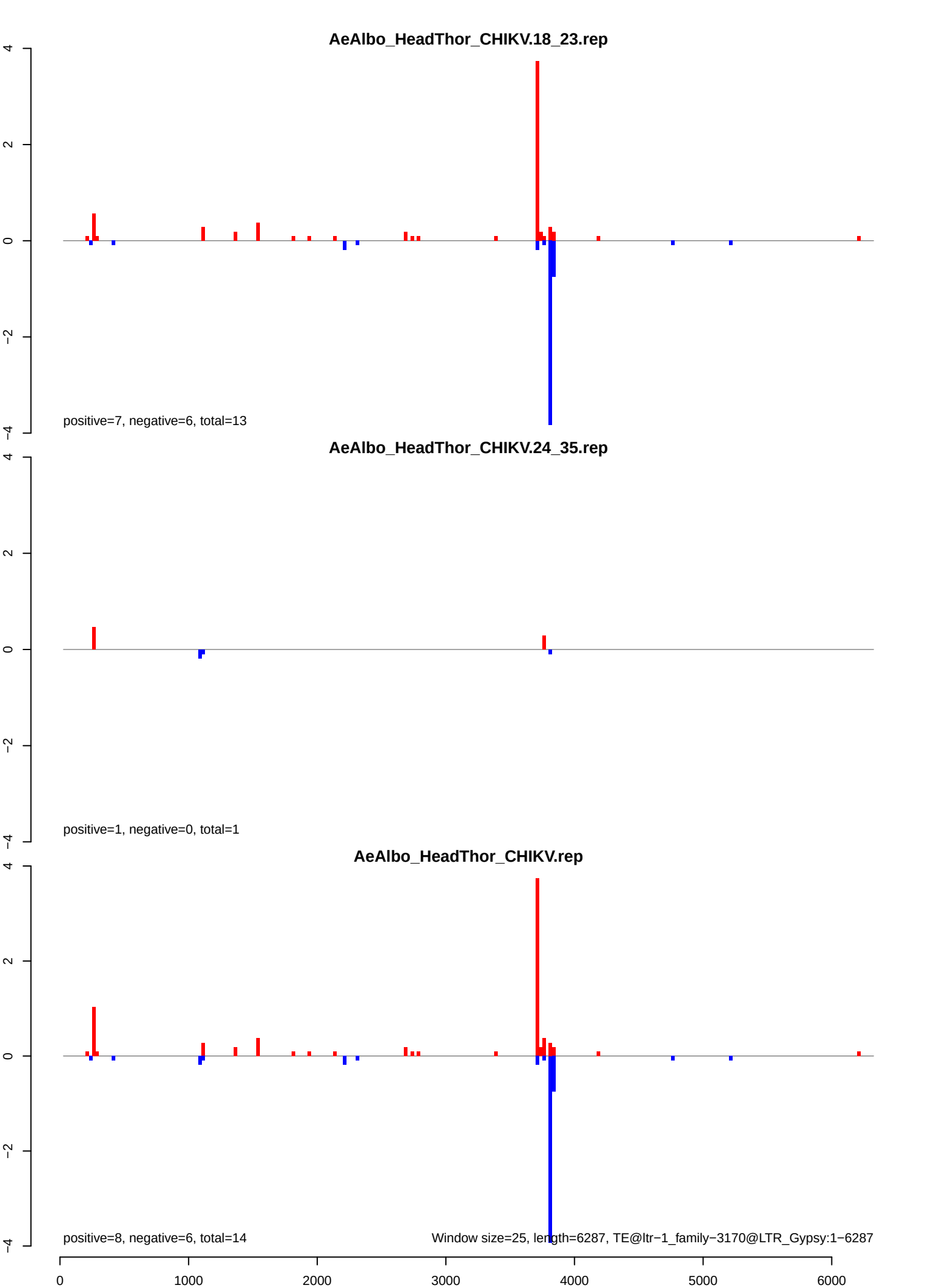

AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

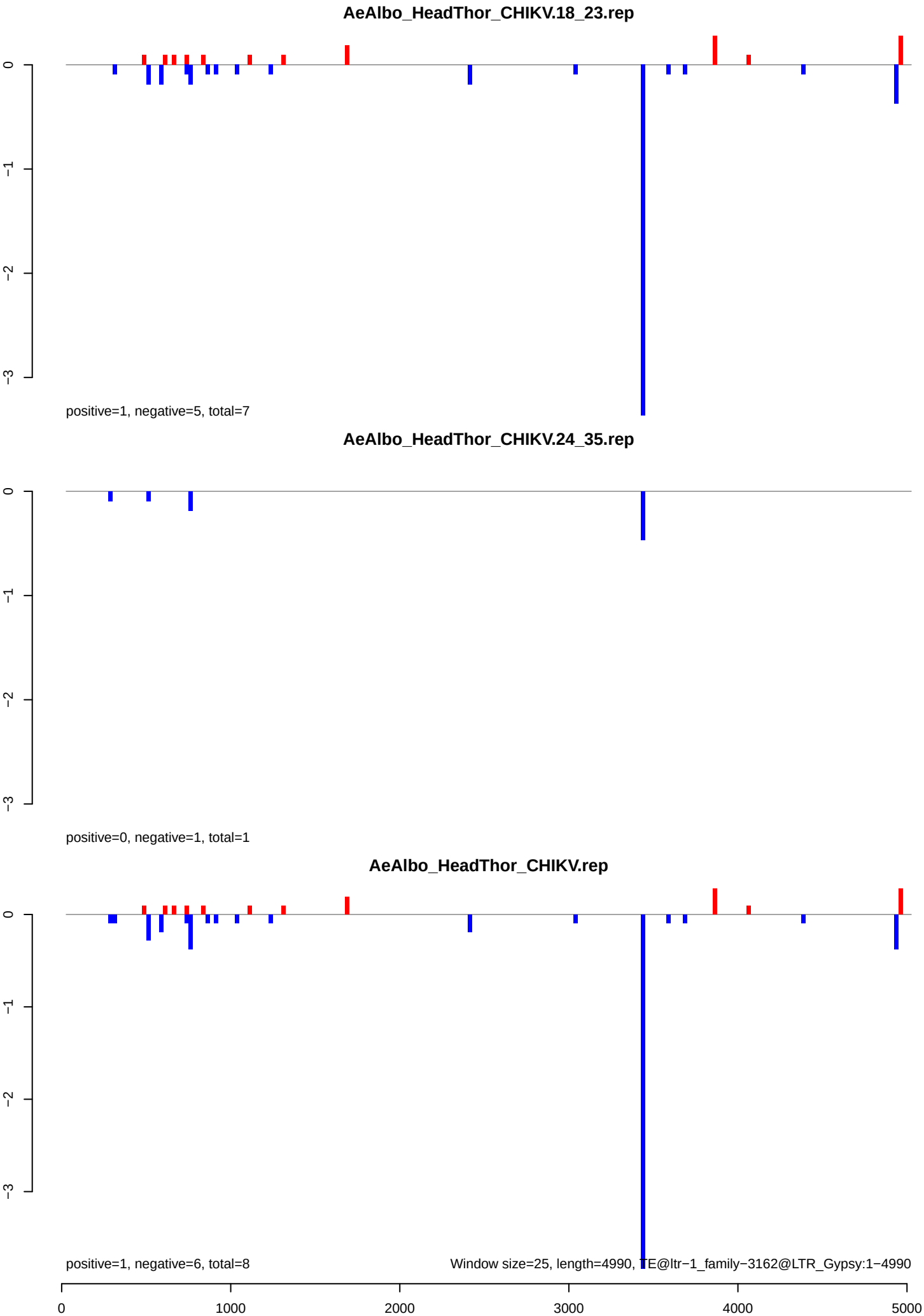

AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=1, total=5
Window size=25, length=4992, TE@ltr−1_family−3350@LTR_Gypsy:1−4992
0
1000
2000
3000
4000
5000

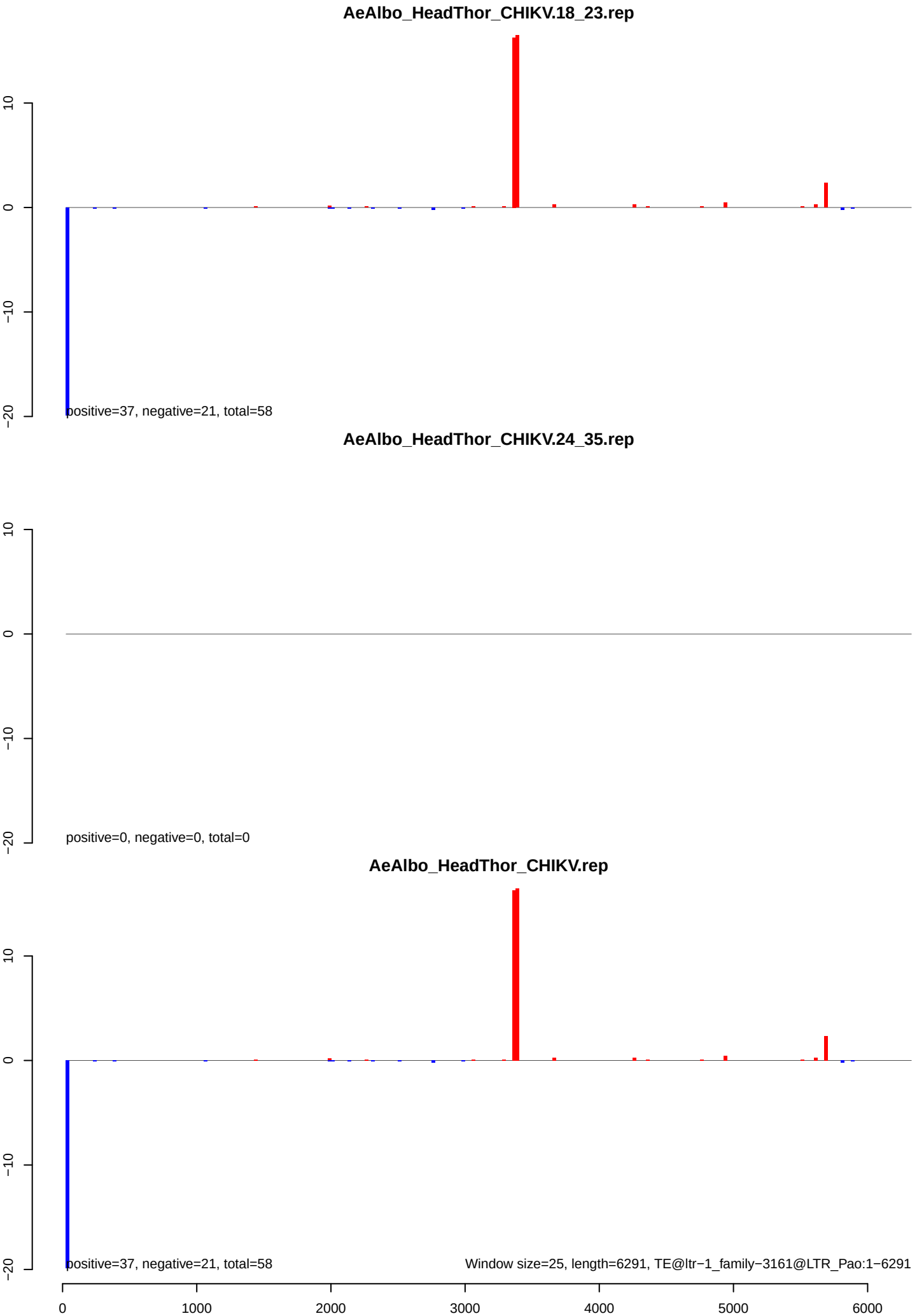

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=6

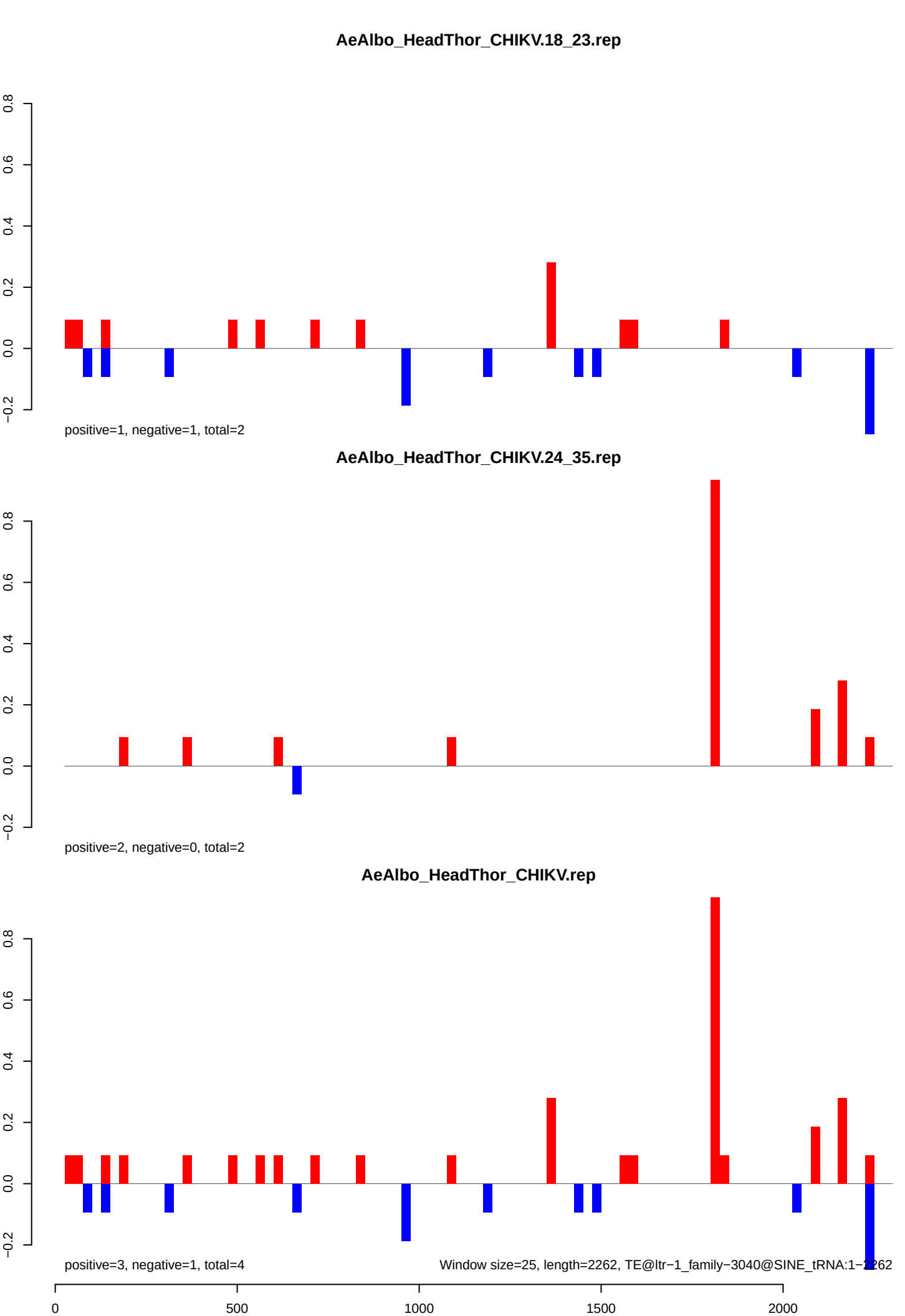

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=6
Window size=25, length=4473, TE@ltr−1_family−3325@LINE:1−4473
0
1000
2000
3000
4000

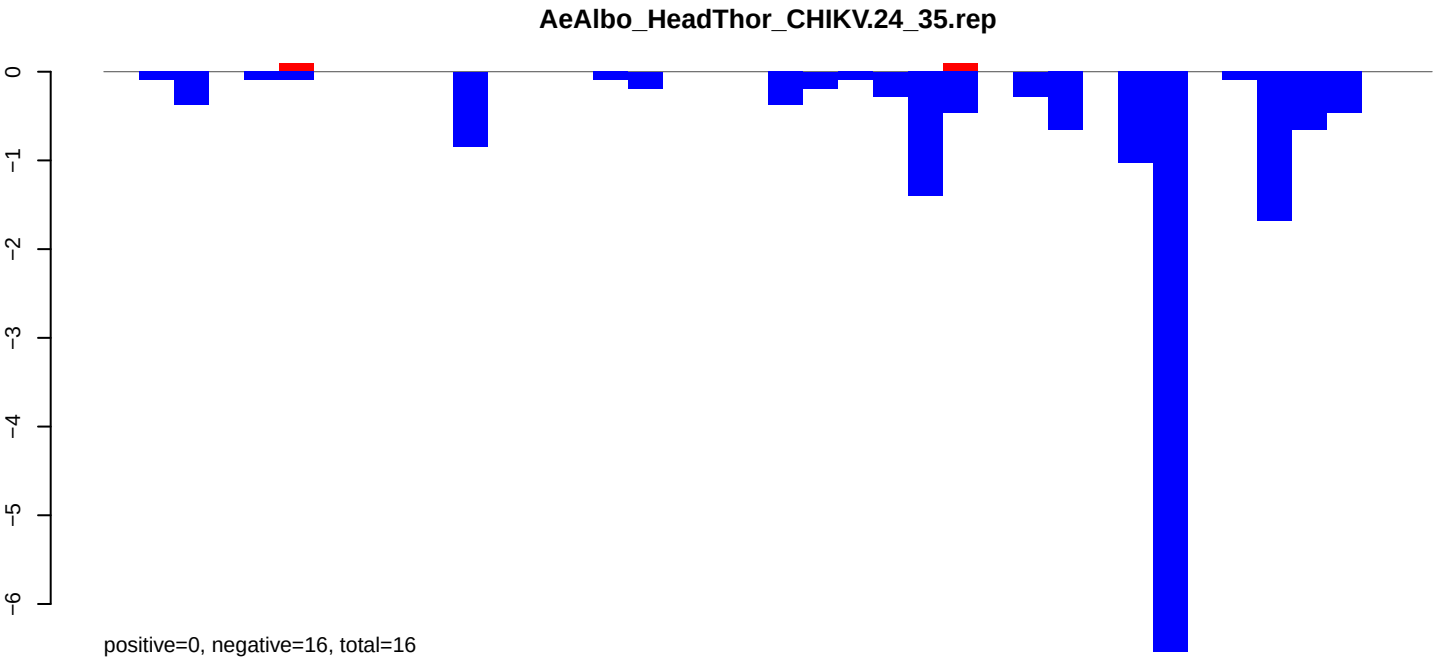

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=6, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=6, total=14
Window size=25, length=6287, TE@ltr−1_family−3170@LTR_Gypsy:1−6287
4
2
0
−2
−4
0
1000
2000
3000
4000
5000
6000

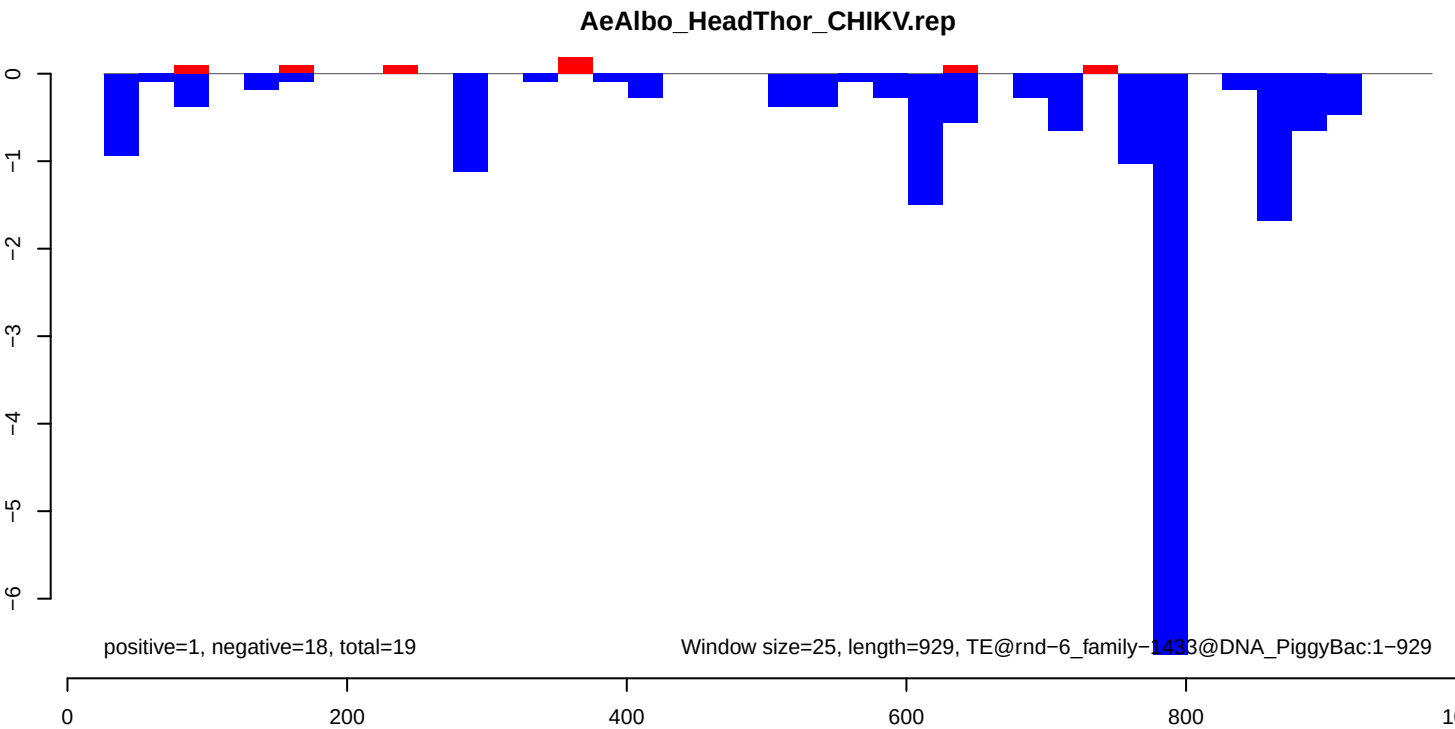

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=1, negative=5, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=1, negative=6, total=8
Window size=25, length=4990, TE@ltr−1_family−3162@LTR_Gypsy:1−4990
0
1000
2000
3000
4000
5000

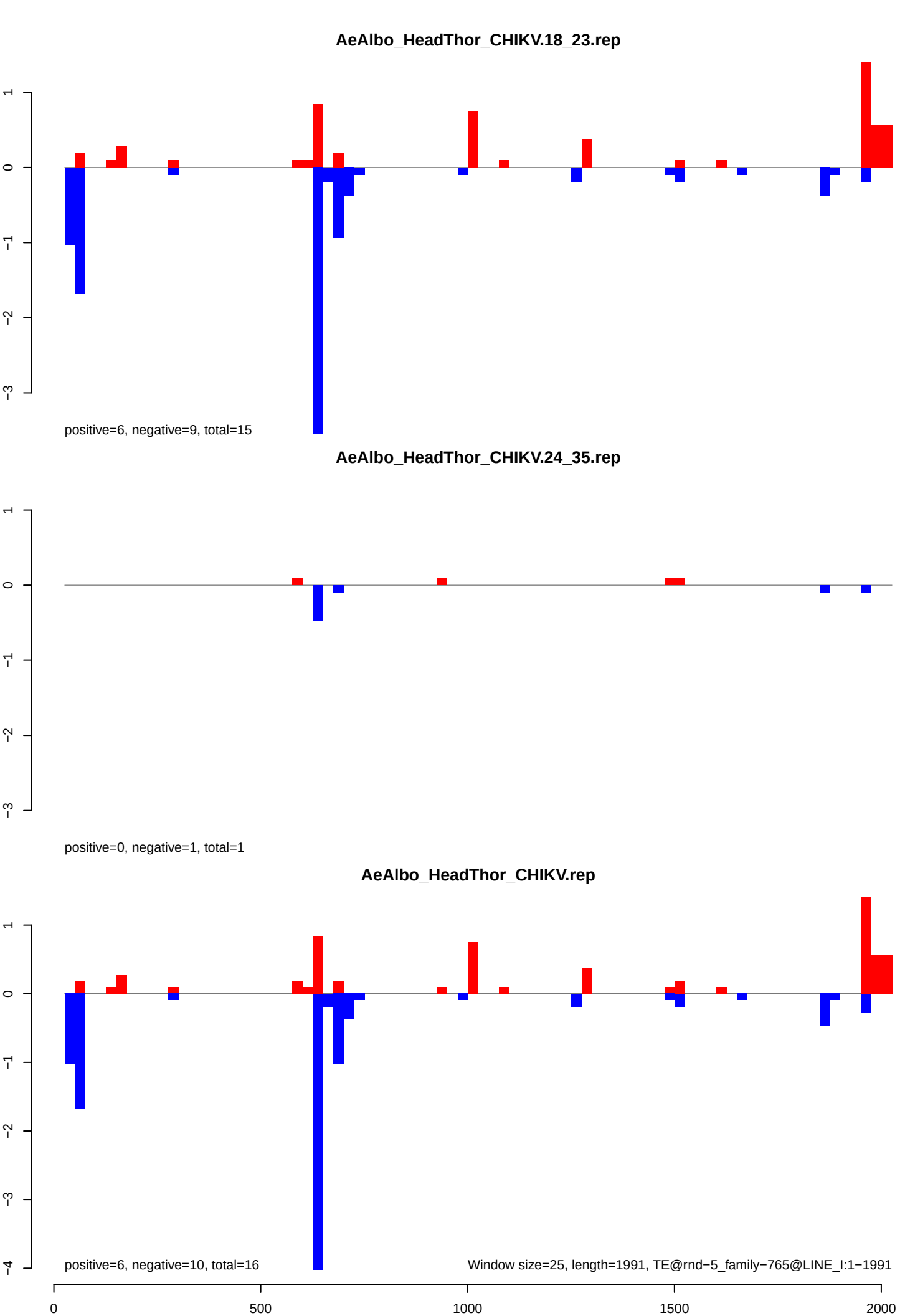

AeAlbo_HeadThor_CHIKV.18_23.rep
10
0
−10
−20
positive=37, negative=21, total=58
AeAlbo_HeadThor_CHIKV.24_35.rep
10
0
−10
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
10
0
−10
−20
positive=37, negative=21, total=58
Window size=25, length=6291, TE@ltr−1_family−3161@LTR_Pao:1−6291
0
1000
2000
3000
4000
5000
6000

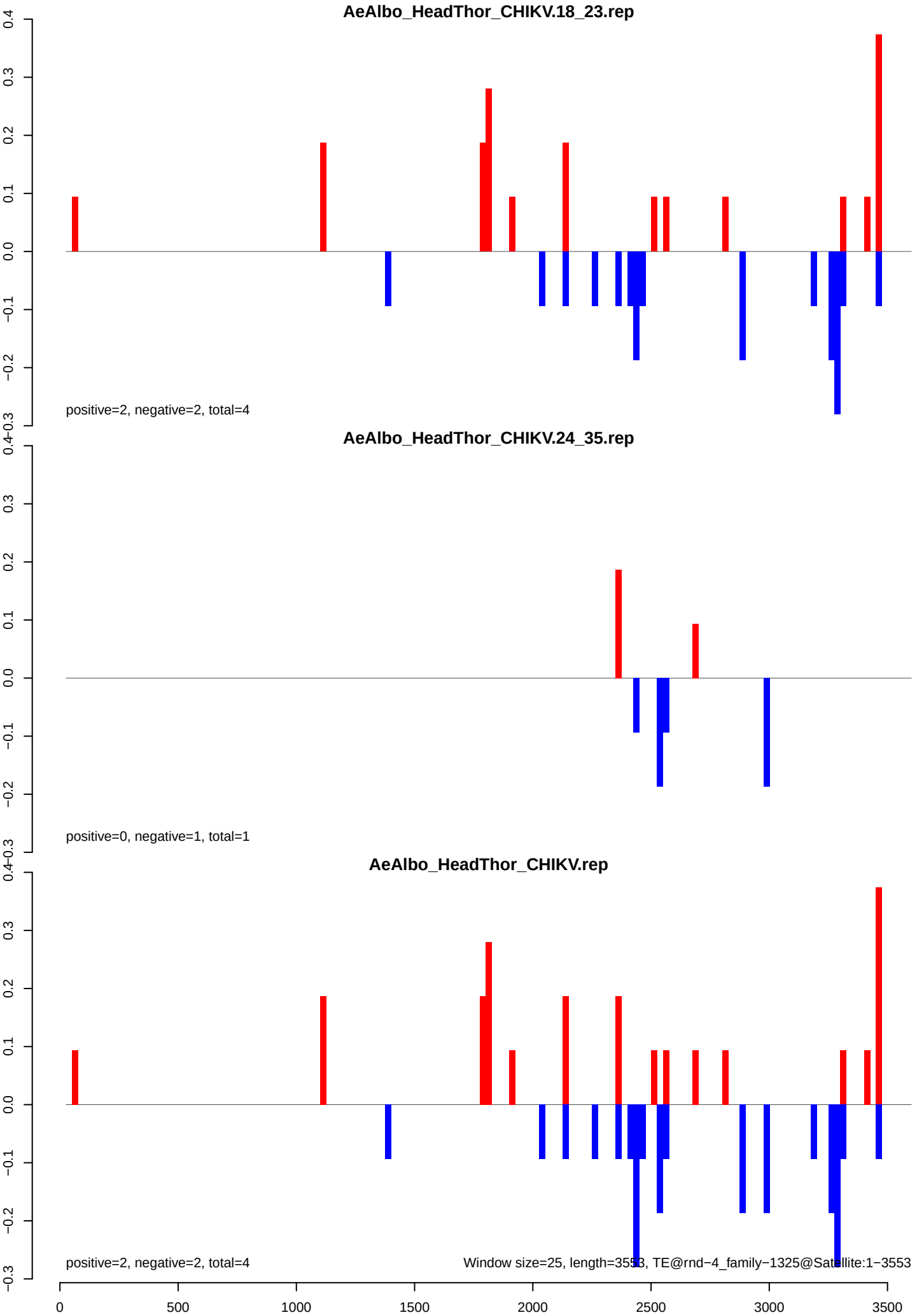

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
Window size=25, length=2262, TE@ltr−1_family−3040@SINE_tRNA:1−2262
0
500
1000
1500
2000

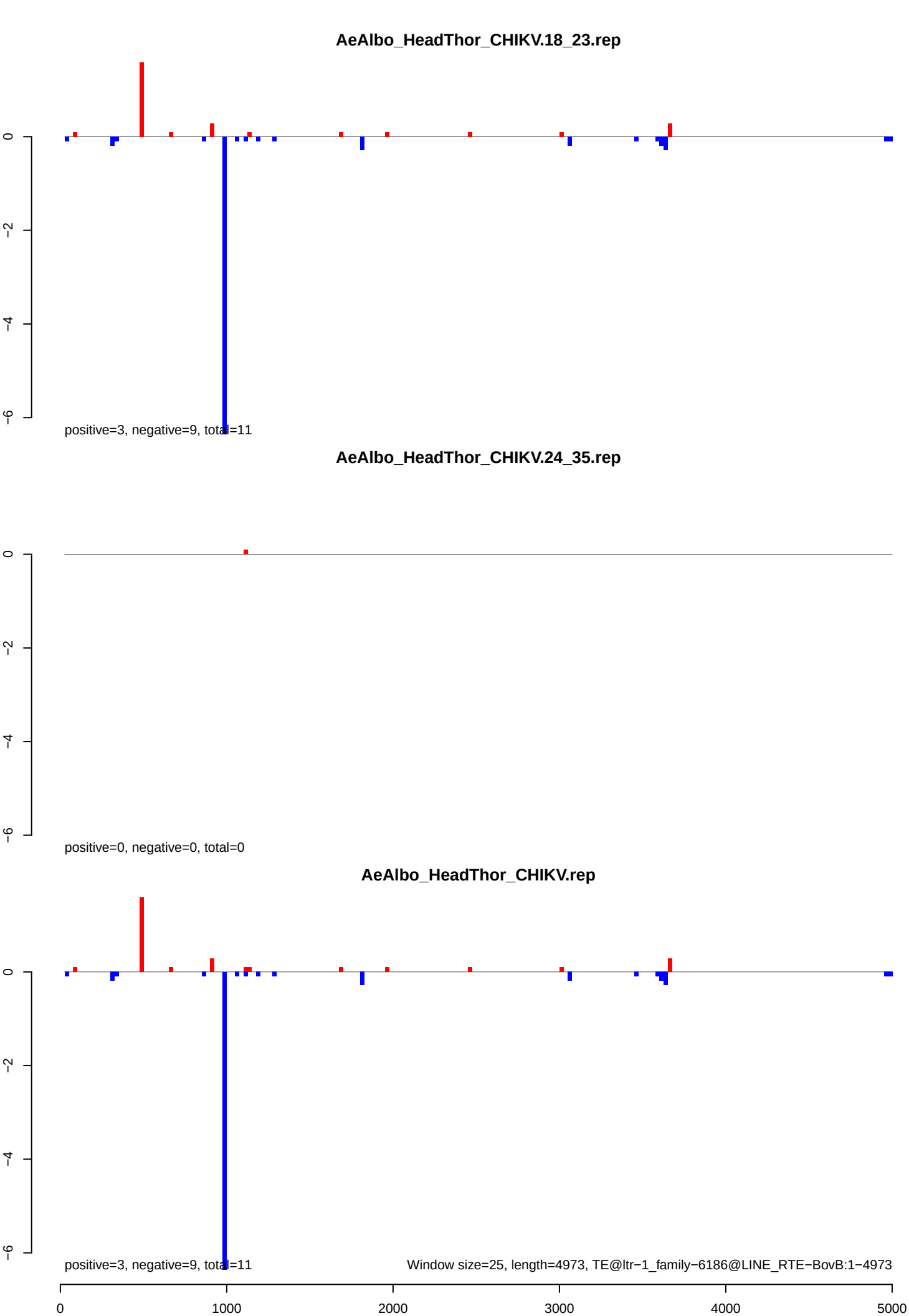
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
−6
positive=0, negative=2, total=3

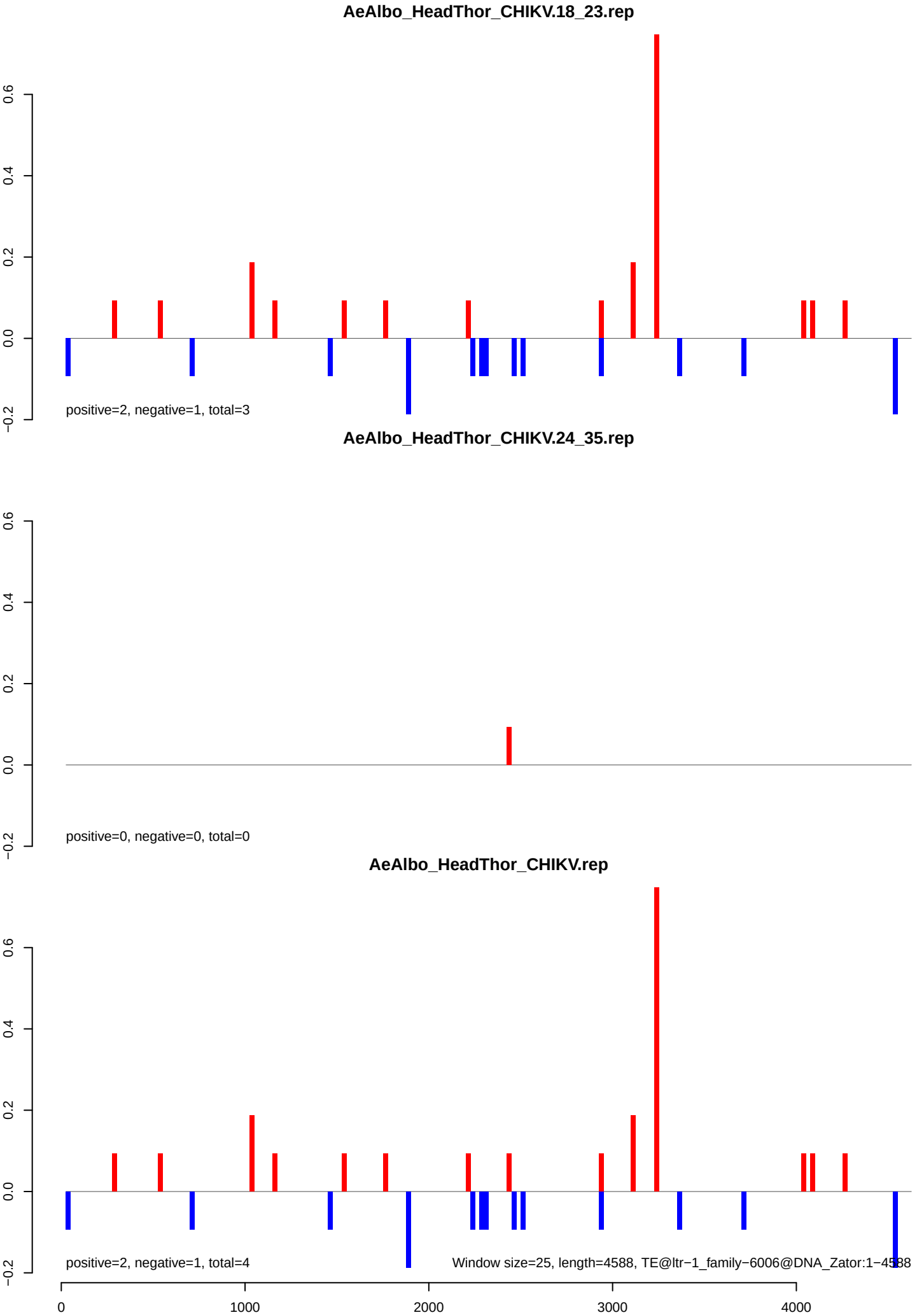

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
−6
positive=0, negative=16, total=16

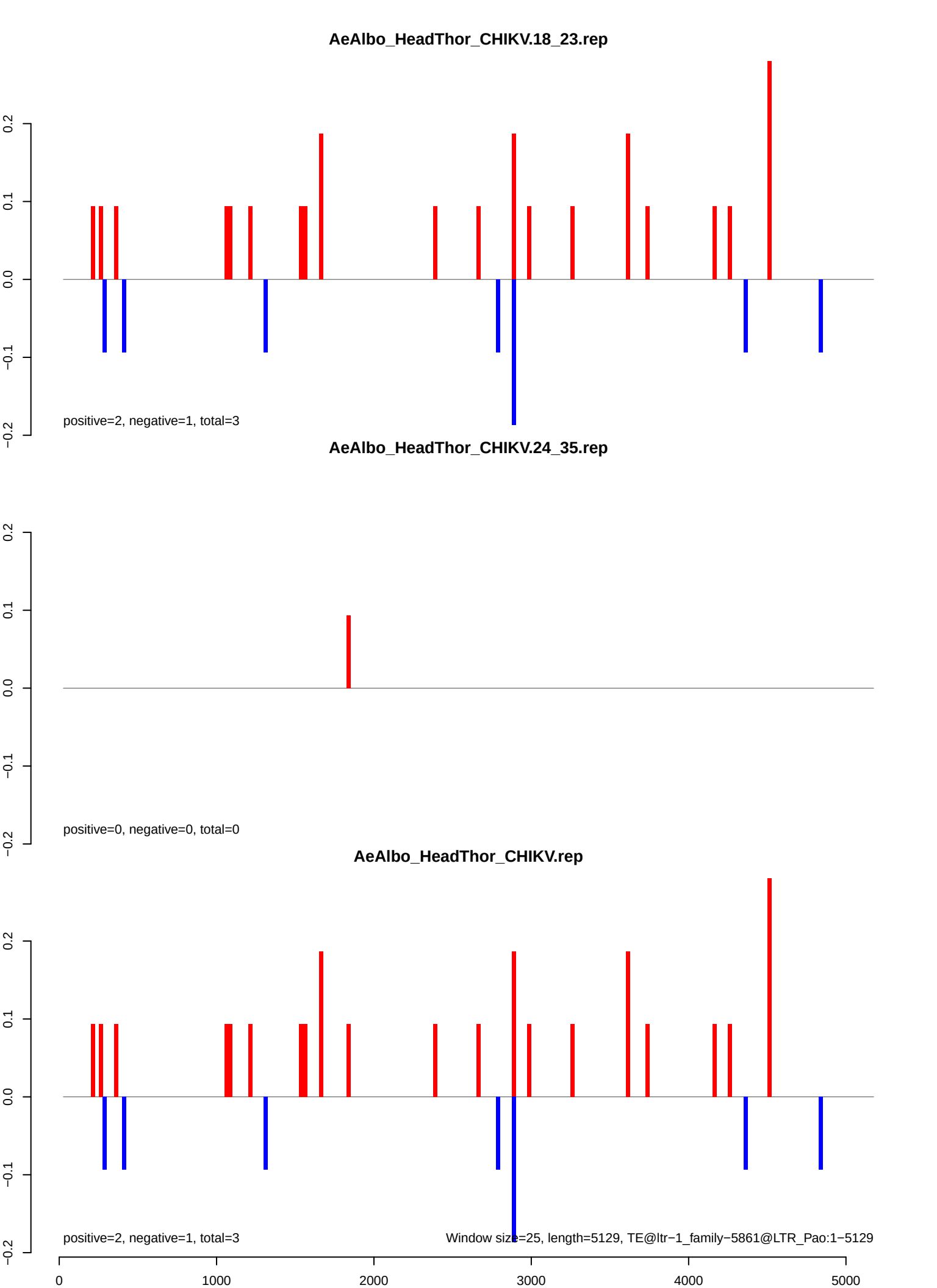

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
−6
positive=1, negative=18, total=19
Window size=25, length=929, TE@rnd−6_family−1433@DNA_PiggyBac:1−929
0
200
400
600
800
1000

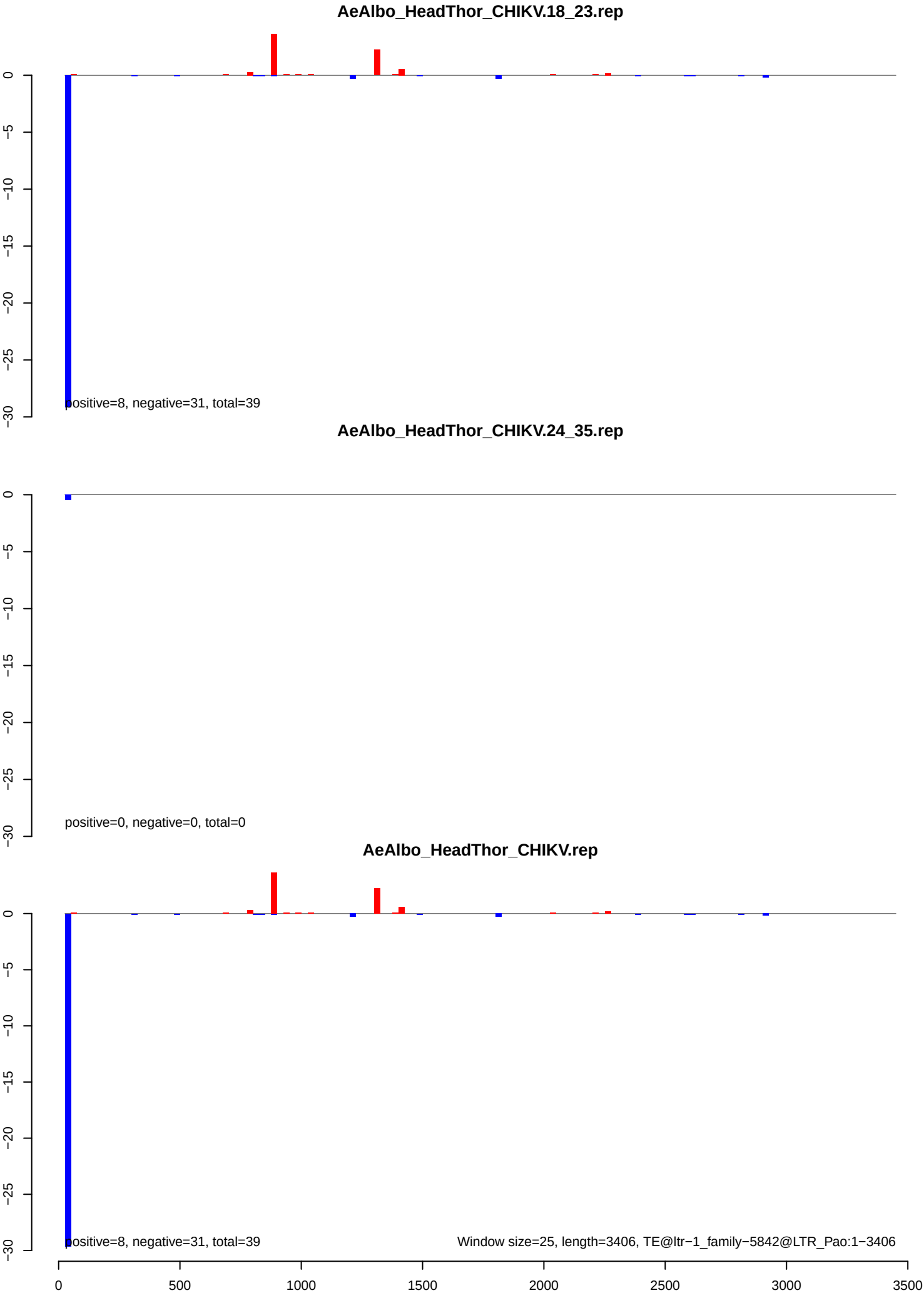

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=9, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=10, total=16
Window size=25, length=1991, TE@rnd−5_family−765@LINE_I:1−1991
0
500
1000
1500
2000

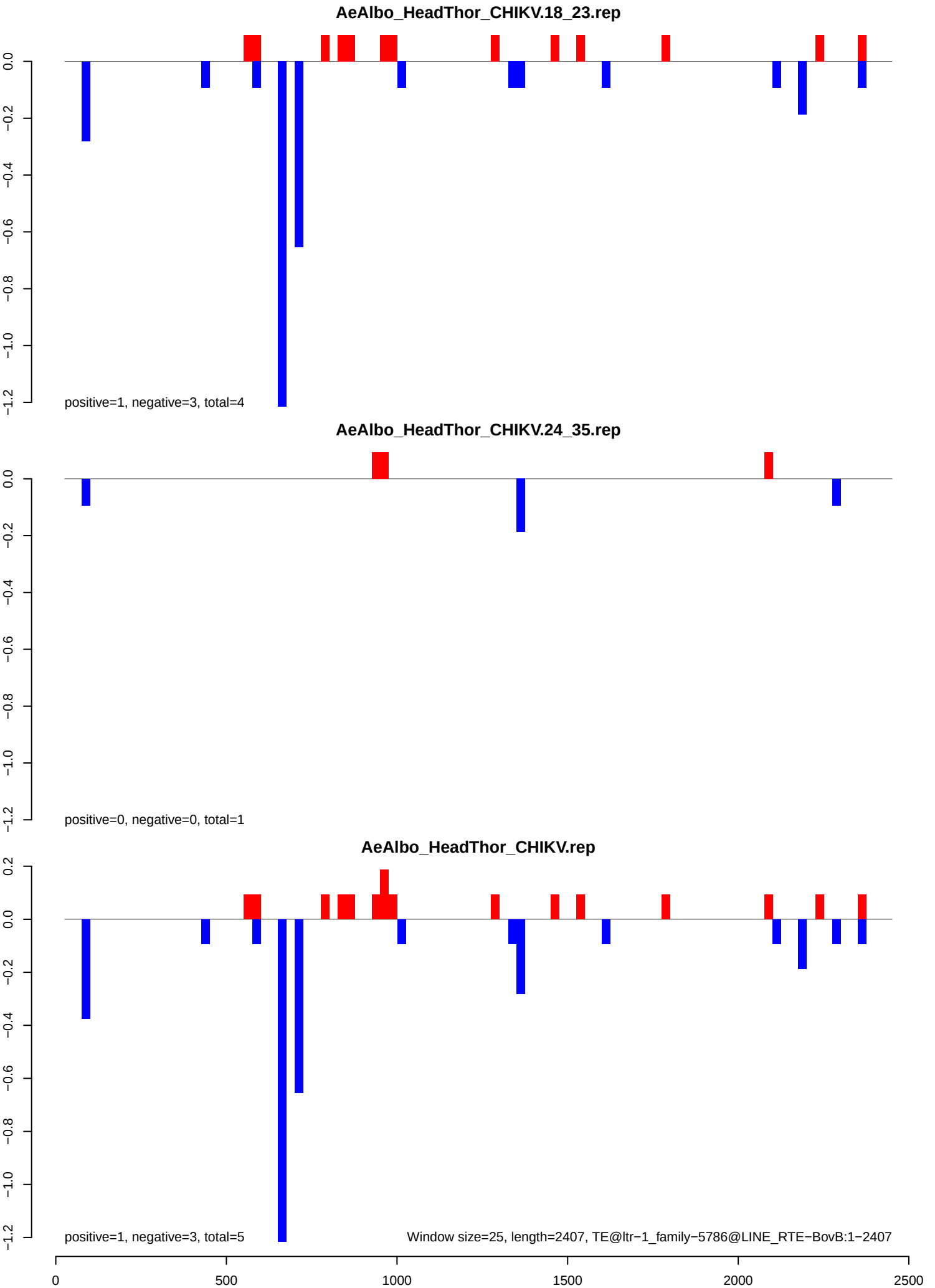

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=3553, TE@rnd−4_family−1325@Satellite:1−3553
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500
2000
2500
3000
3500

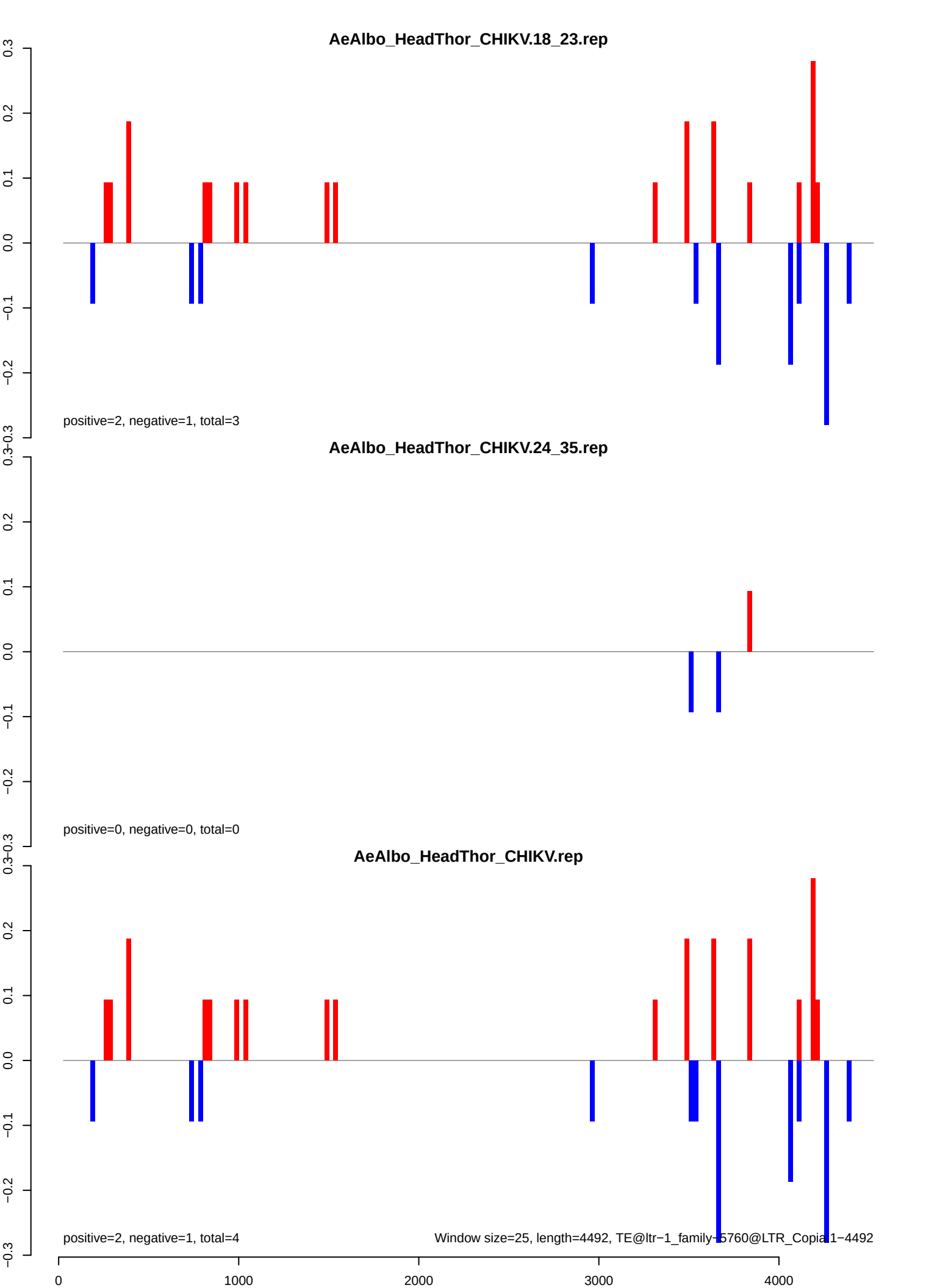

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
positive=3, negative=9, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
positive=3, negative=9, total=11
Window size=25, length=4973, TE@ltr−1_family−6186@LINE_RTE−BovB:1−4973
0
1000
2000
3000
4000
5000

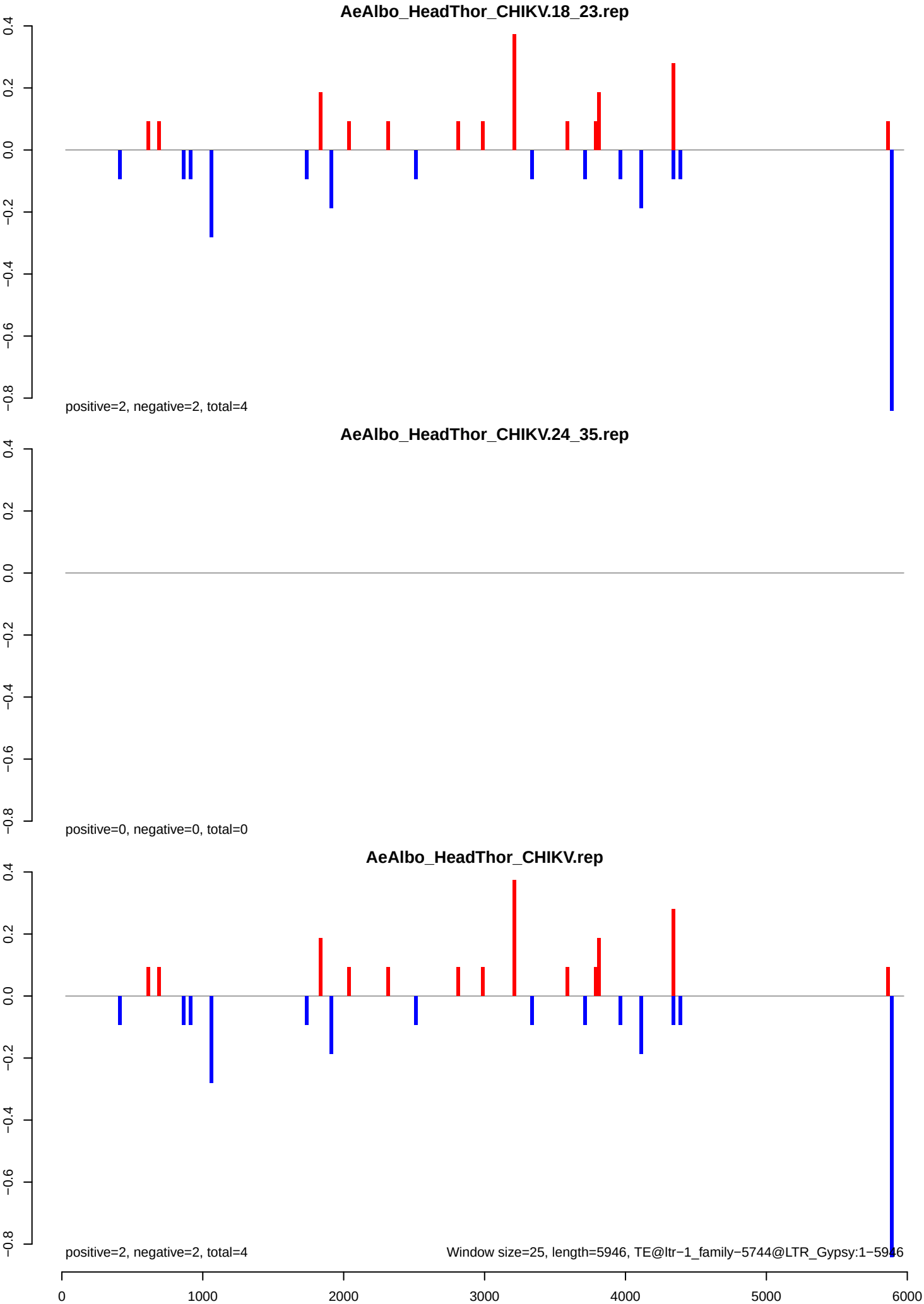

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=4
Window size=25, length=4588, TE@ltr−1_family−6006@DNA_Zator:1−4588
0
1000
2000
3000
4000

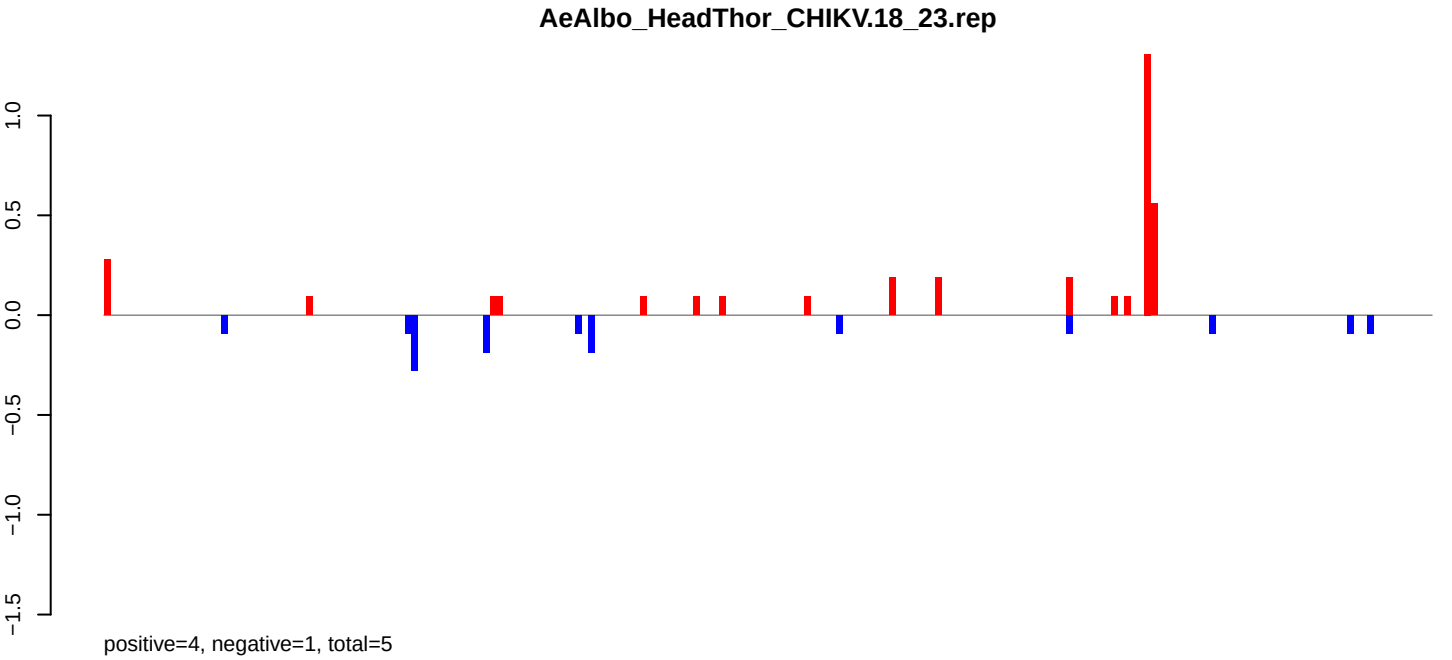

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=3
Window size=25, length=5129, TE@ltr−1_family−5861@LTR_Pao:1−5129
0
1000
2000
3000
4000
5000

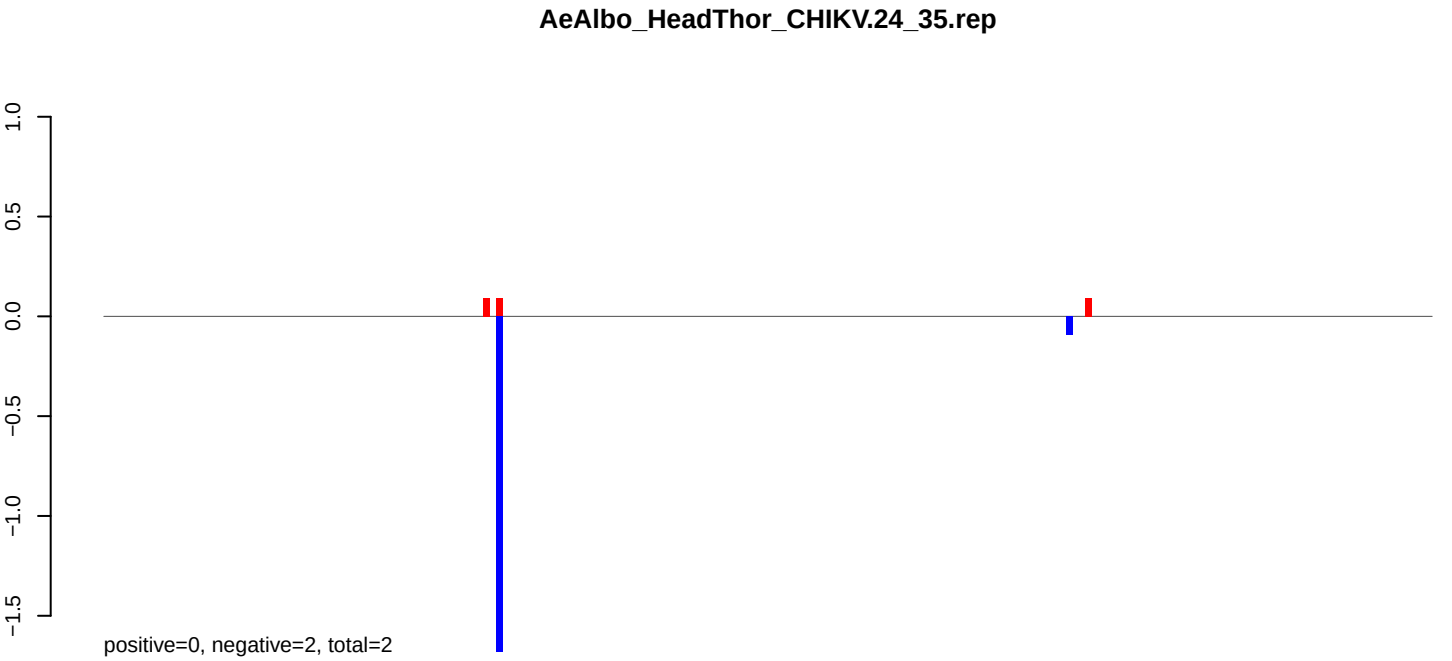

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=8, negative=31, total=39
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=8, negative=31, total=39
Window size=25, length=3406, TE@ltr−1_family−5842@LTR_Pao:1−3406
0
500
1000
1500
2000
2500
3000
3500

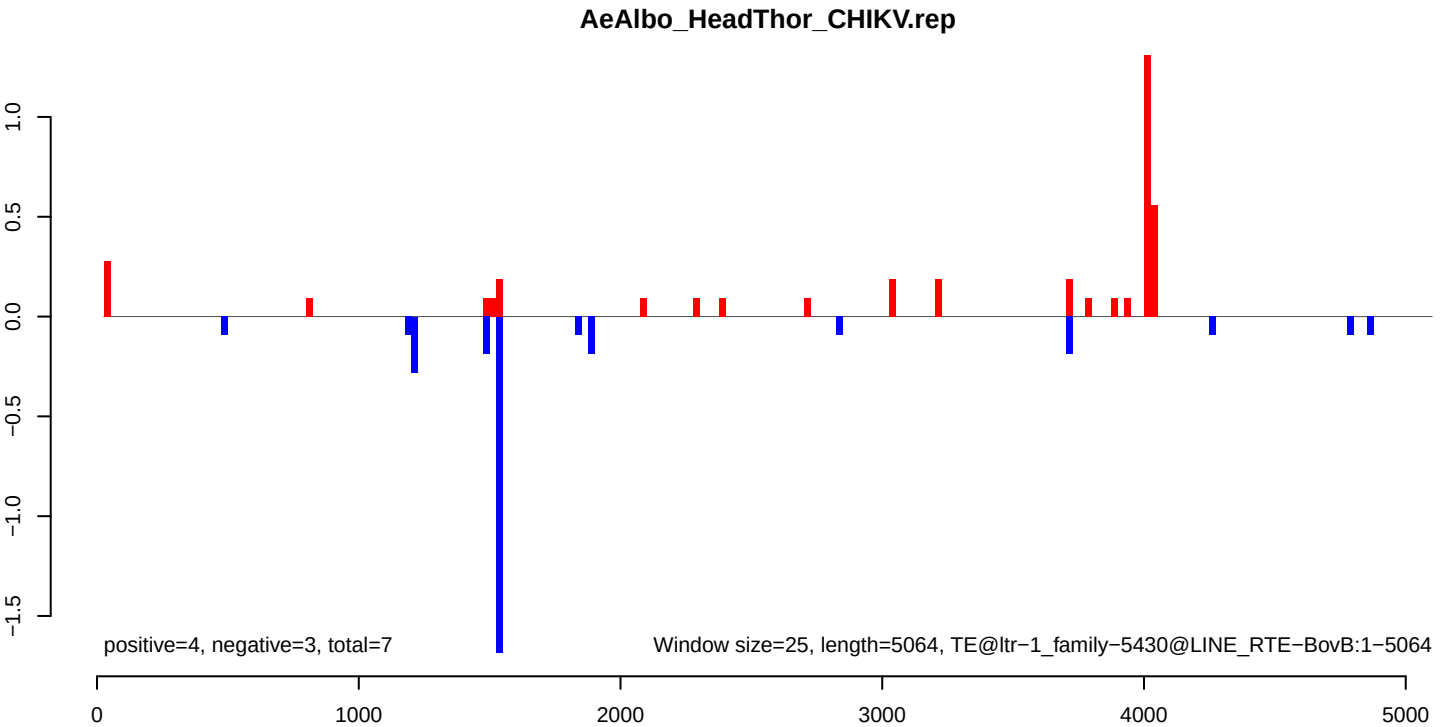

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=3, total=5
Window size=25, length=2407, TE@ltr−1_family−5786@LINE_RTE−BovB:1−2407
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0.2
0
500
1000
1500
2000
2500

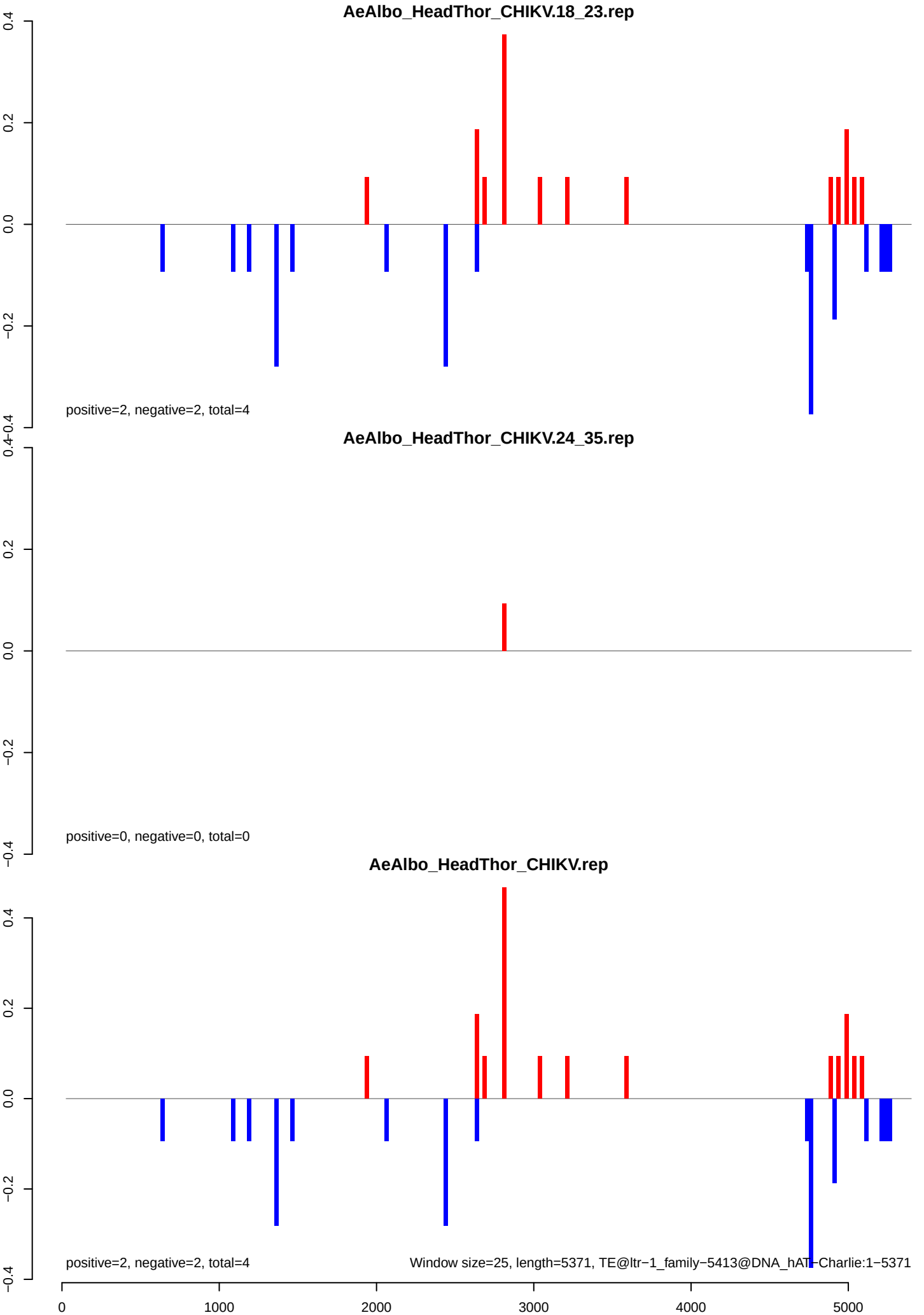

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=4
Window size=25, length=4492, TE@ltr−1_family−5760@LTR_Copia1−4492
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000

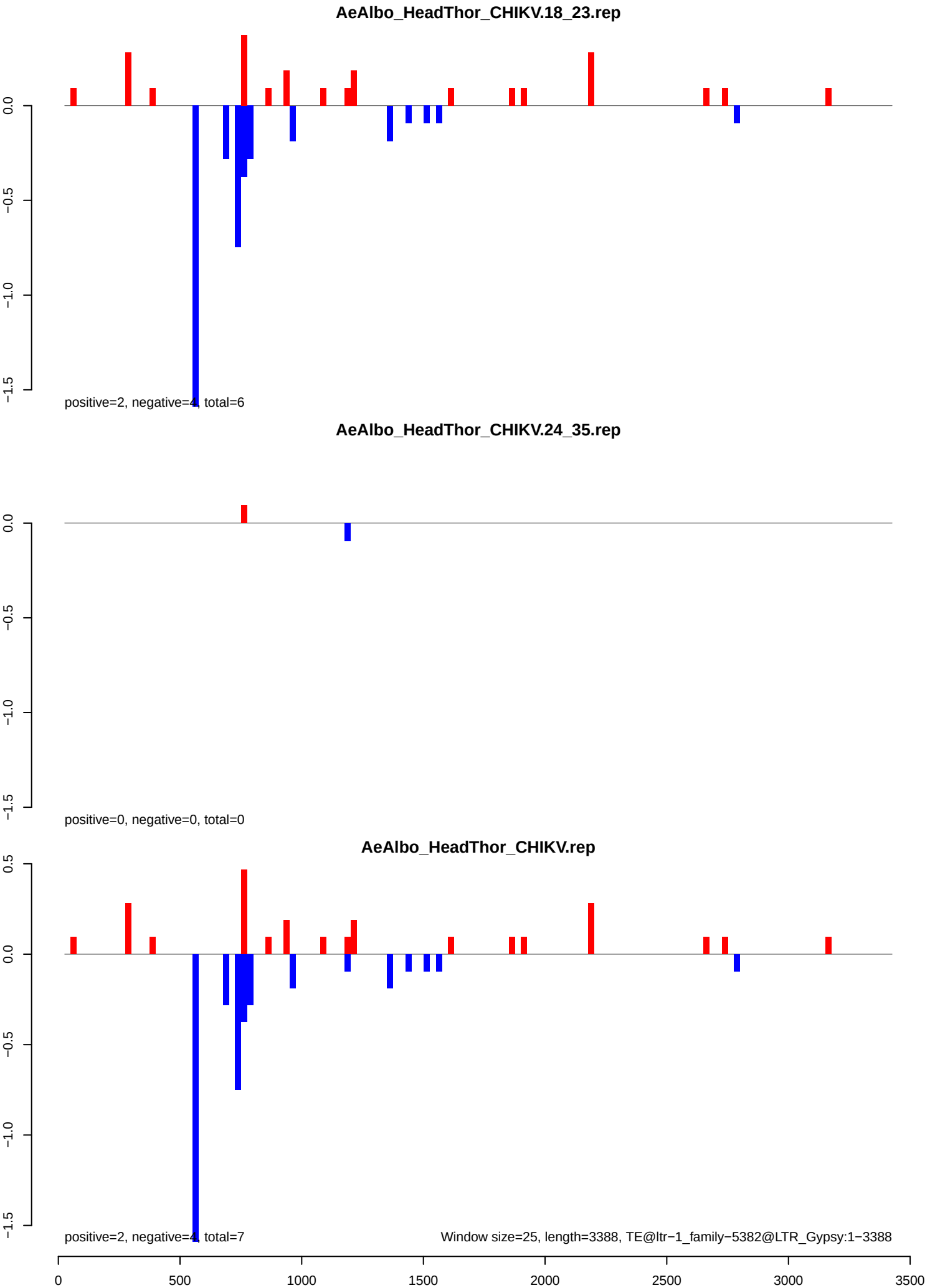

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=5946, TE@ltr−1_family−5744@LTR_Gypsy:1−5946
0
1000
2000
3000
4000
5000
6000

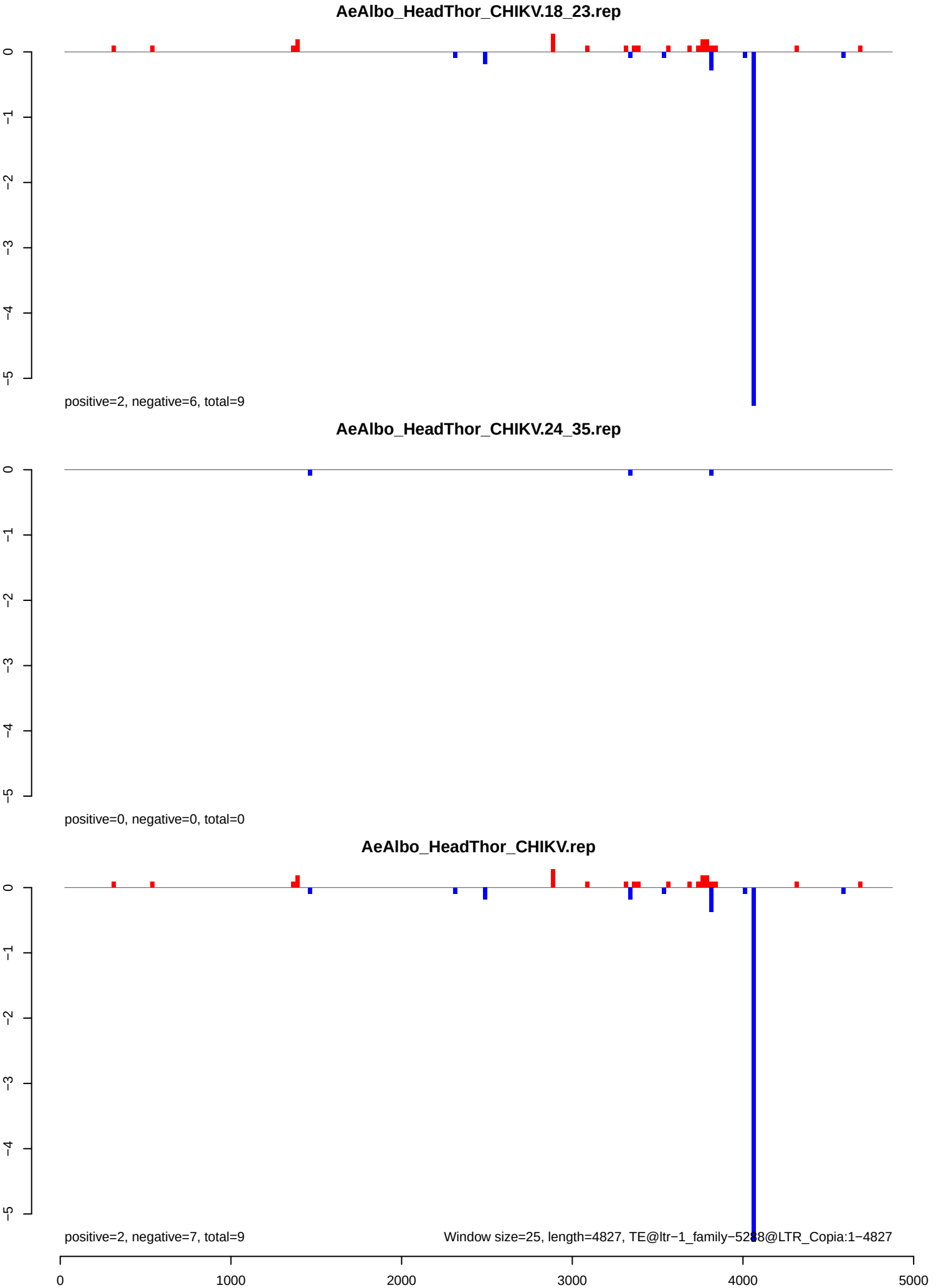

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=1, total=5

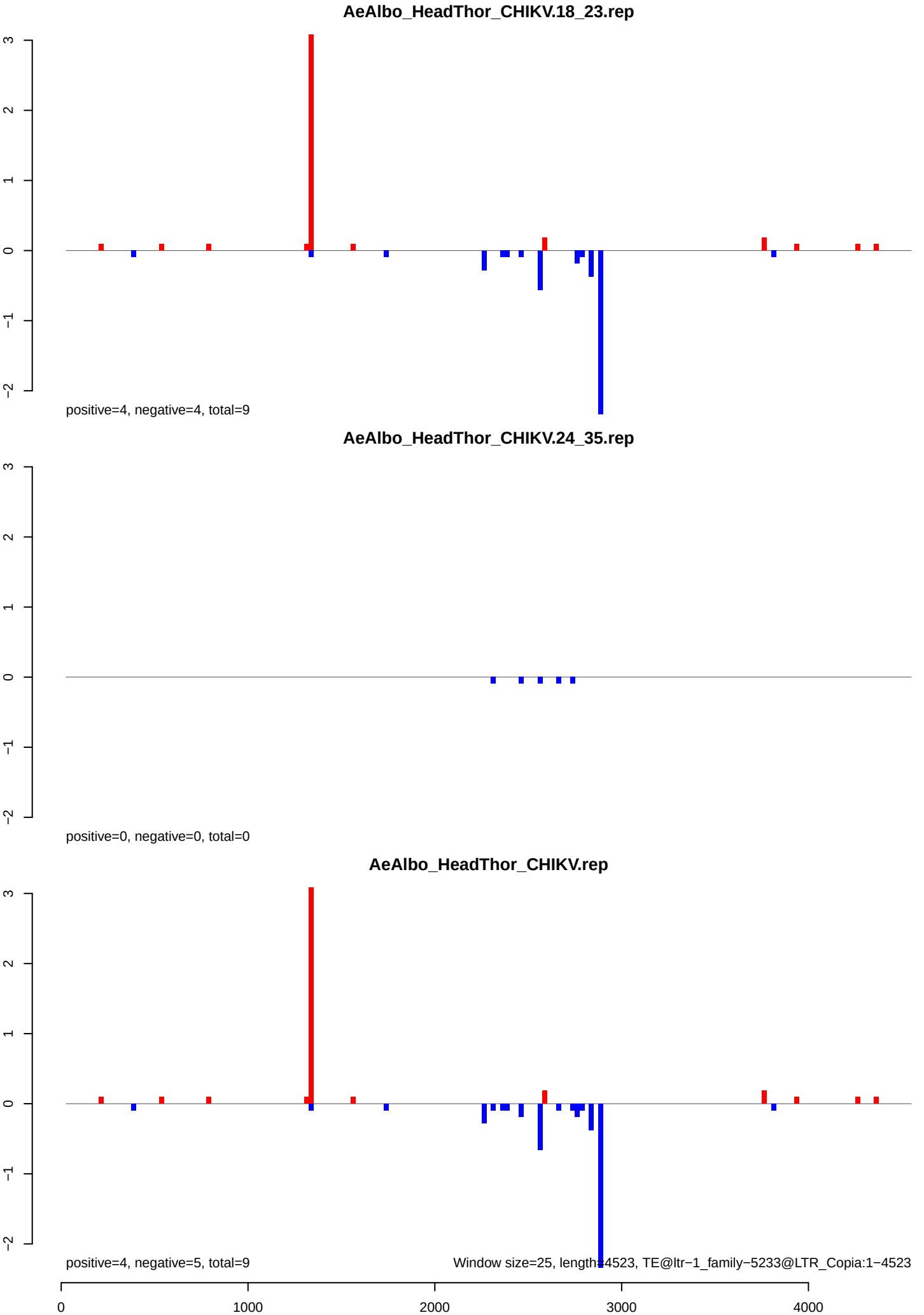

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2

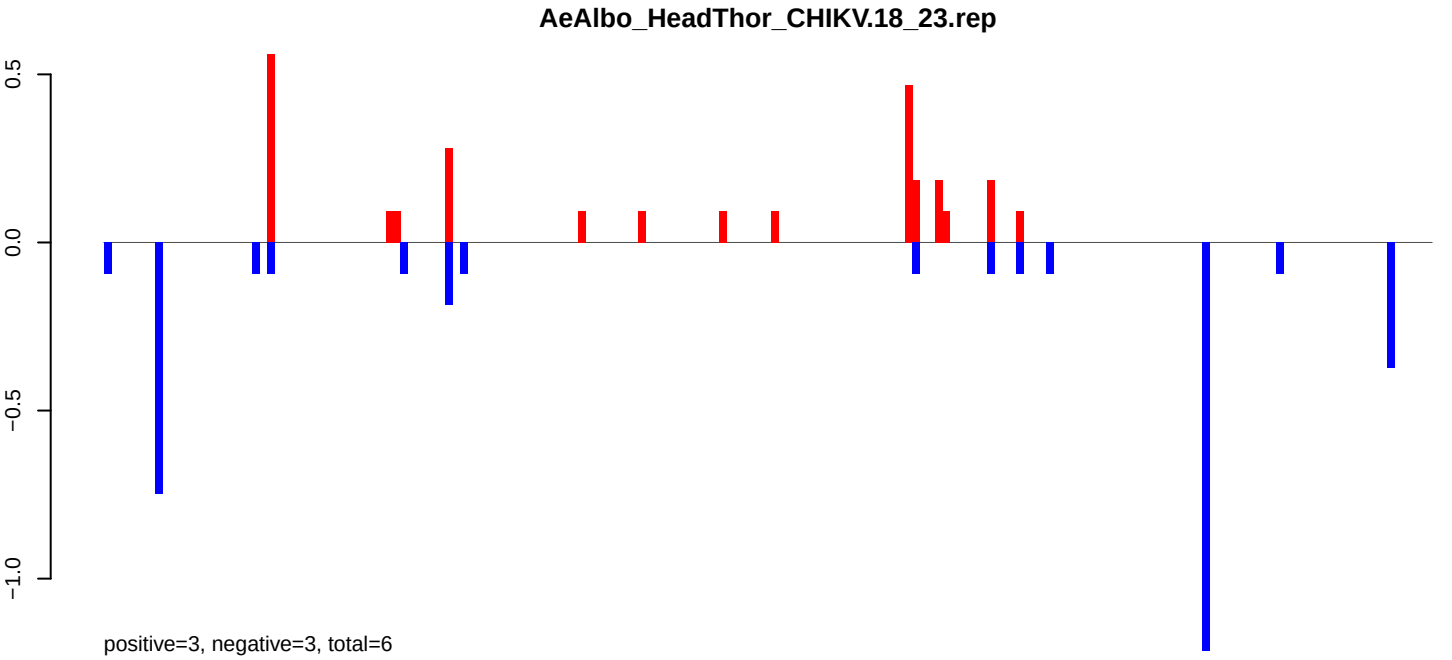

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=4, negative=3, total=7
Window size=25, length=5064, TE@ltr−1_family−5430@LINE_RTE−BovB:1−5064
0
1000
2000
3000
4000
5000

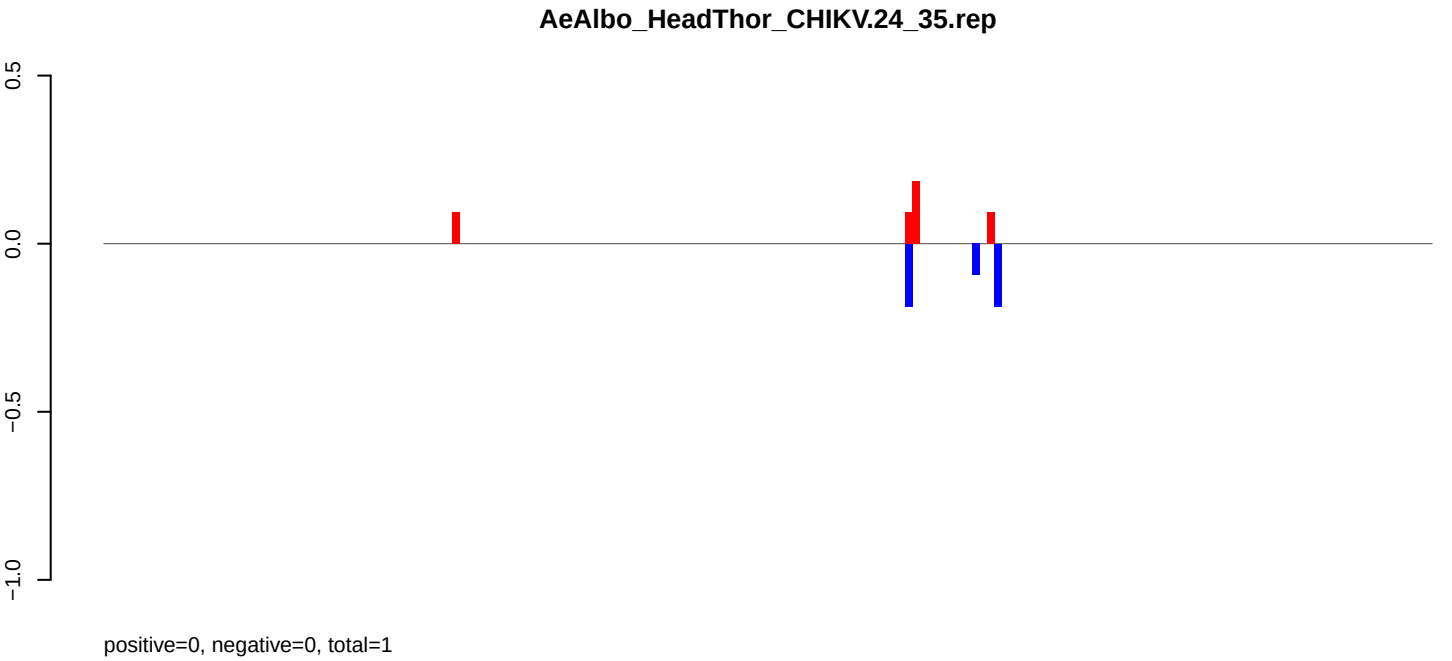

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=5371, TE@ltr−1_family−5413@DNA_hAT−Charlie:1−5371
0.4
0.2
0.0
−0.2
−0.4
0
1000
2000
3000
4000
5000

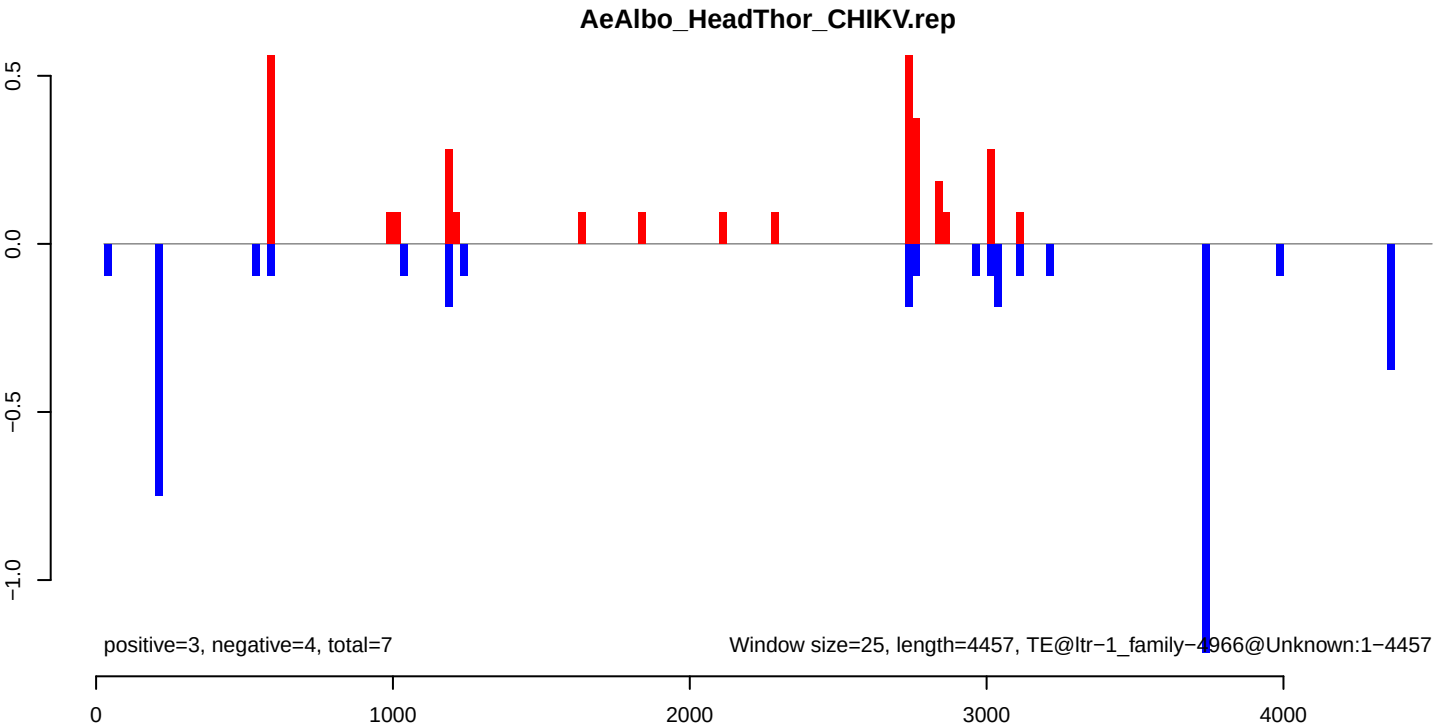

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=4, total=7
Window size=25, length=3388, TE@ltr−1_family−5382@LTR_Gypsy:1−3388
0
500
1000
1500
2000
2500
3000
3500

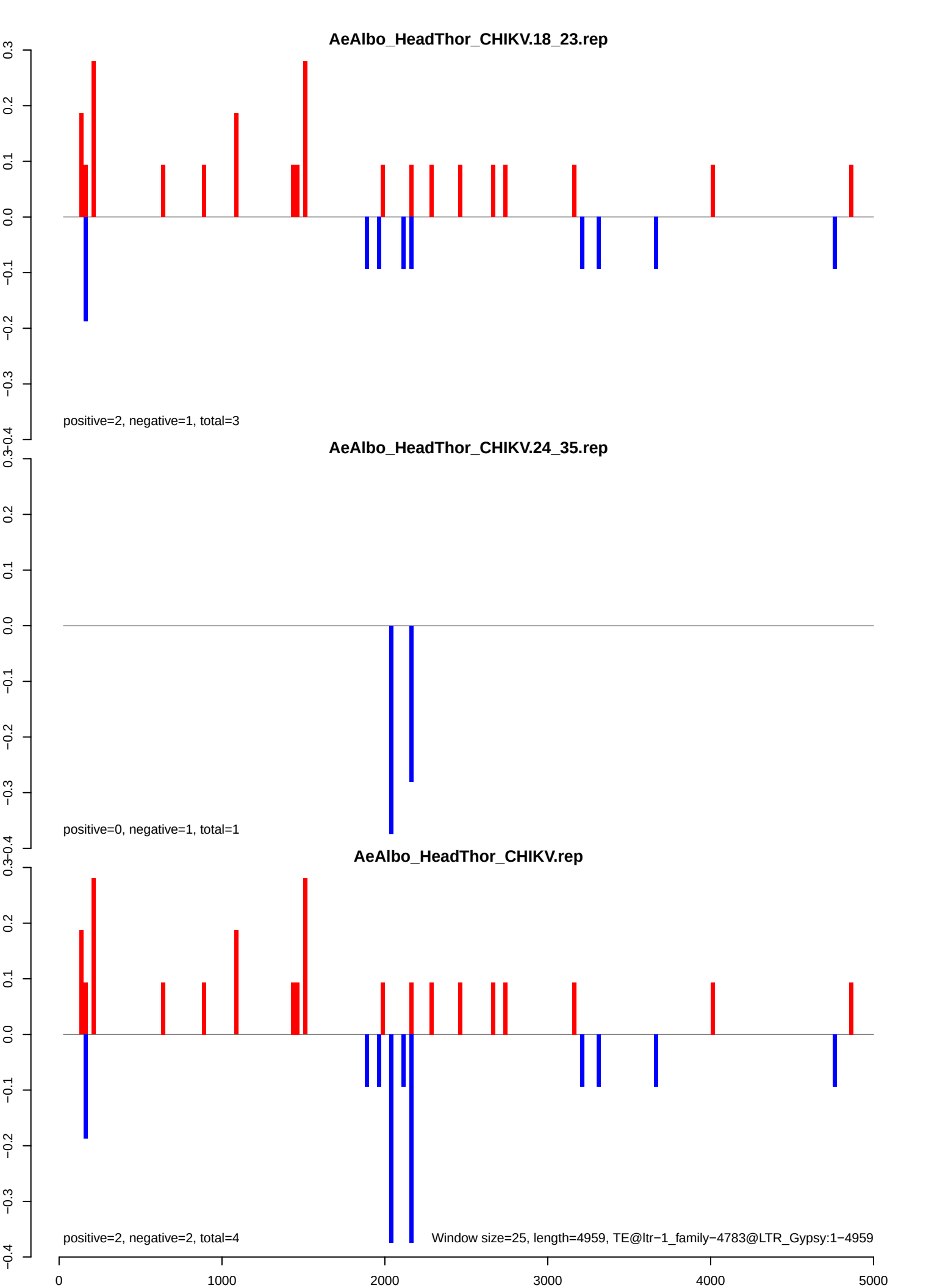

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=2, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=2, negative=7, total=9
Window size=25, length=4827, TE@ltr−1_family−5288@LTR_Copia:1−4827
0
1000
2000
3000
4000
5000

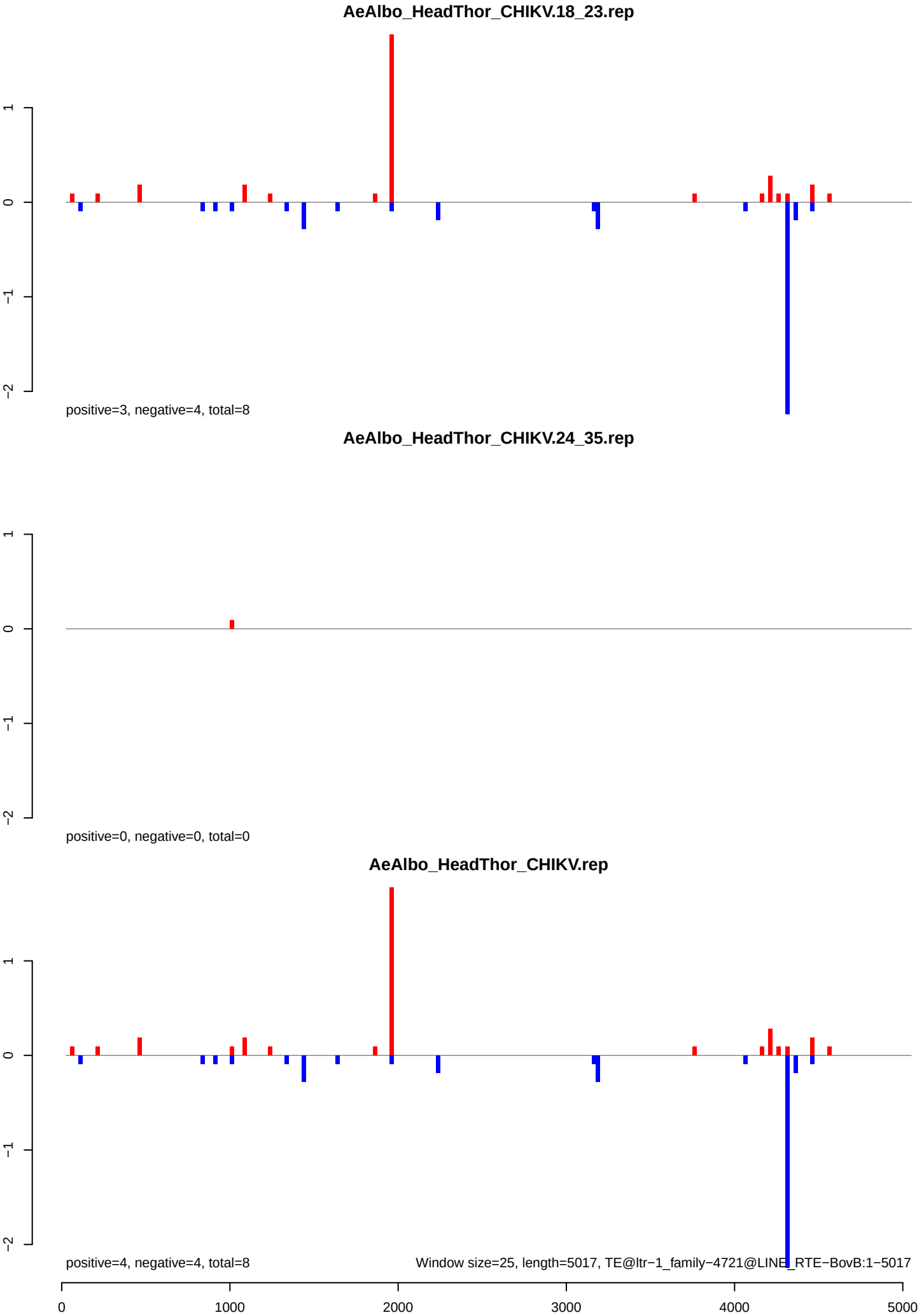

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=4, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=5, total=9
Window size=25, length=4523, TE@ltr−1_family−5233@LTR_Copia:1−4523
0
1000
2000
3000
4000

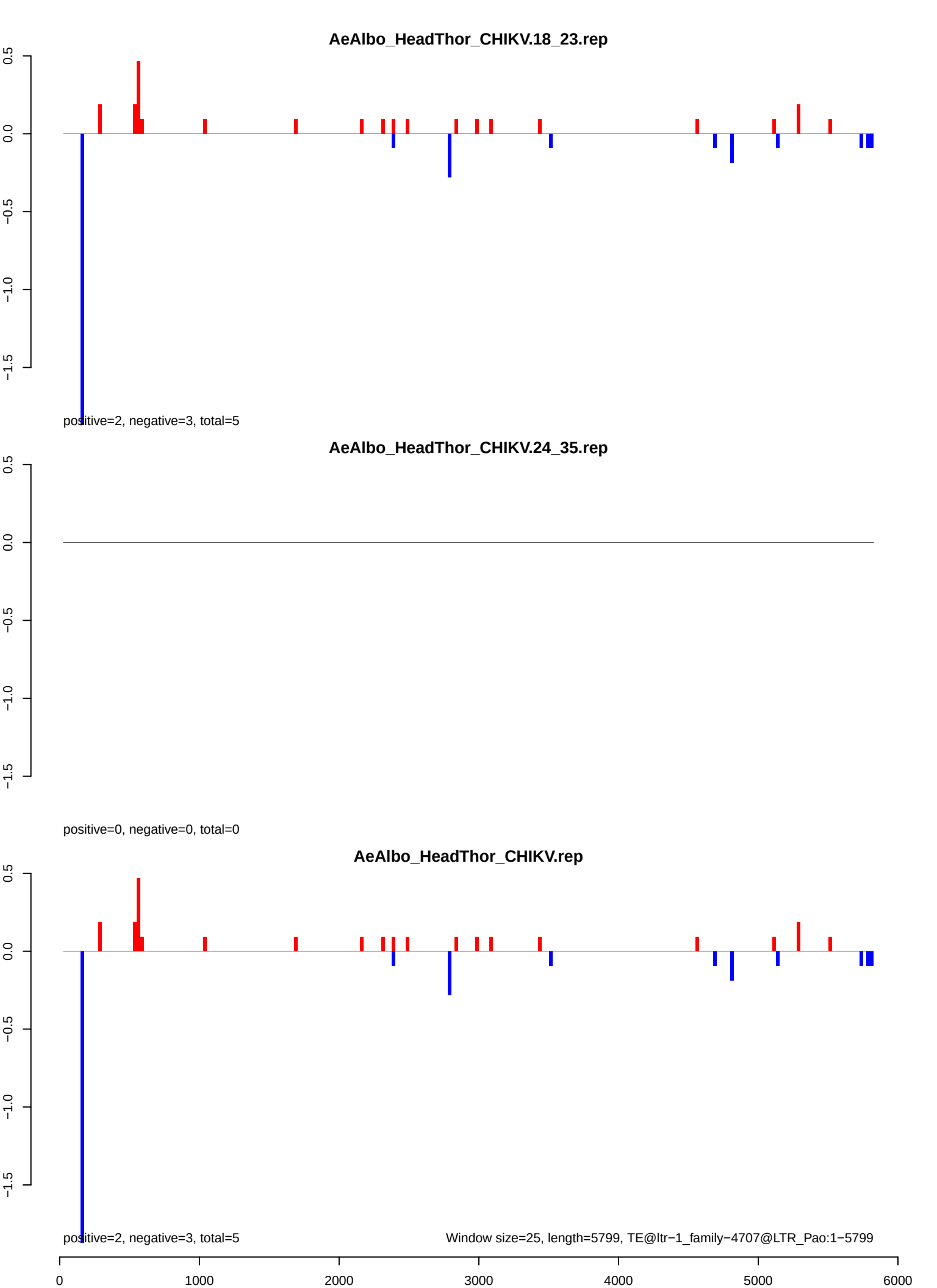

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6

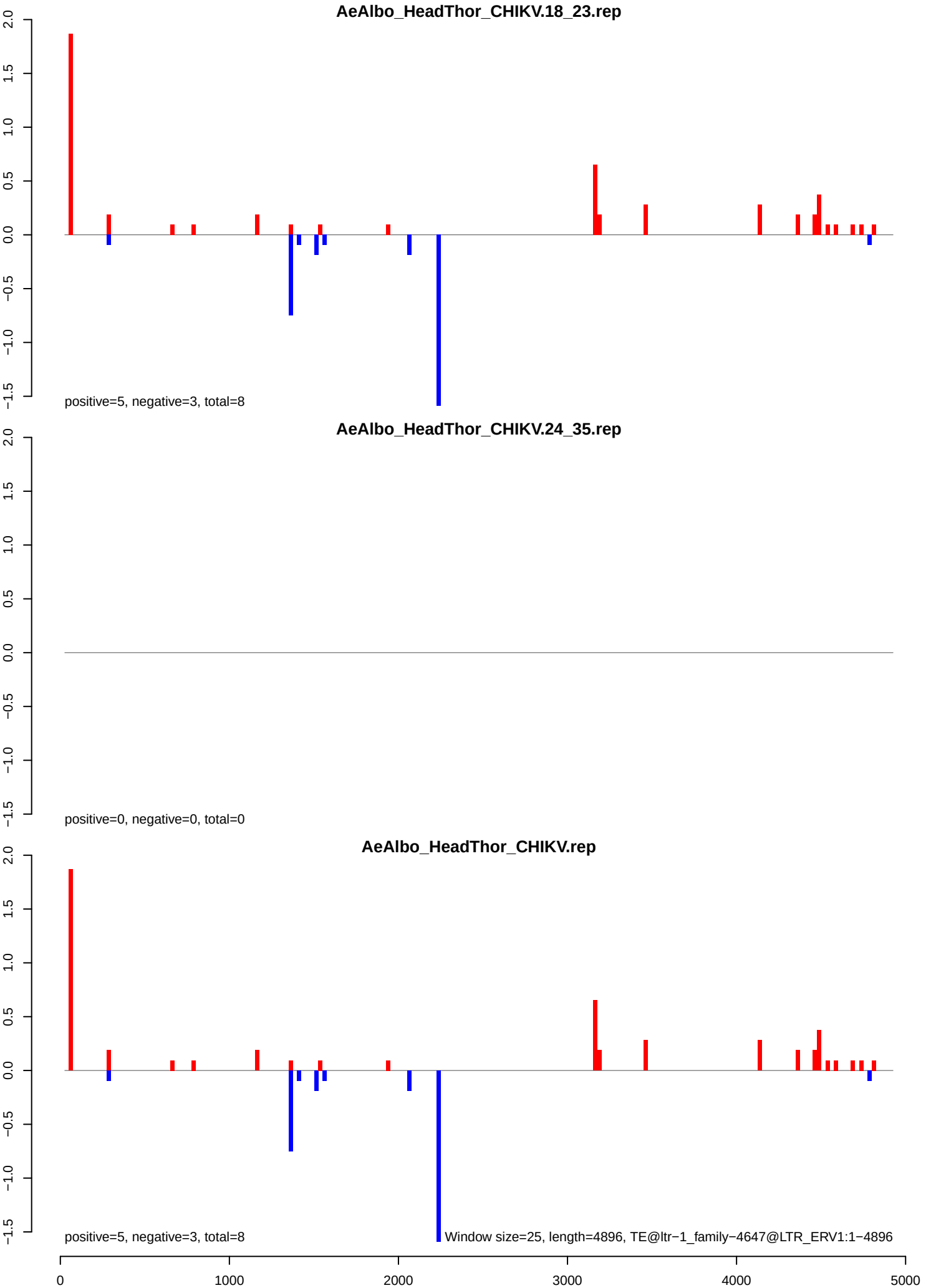

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=1

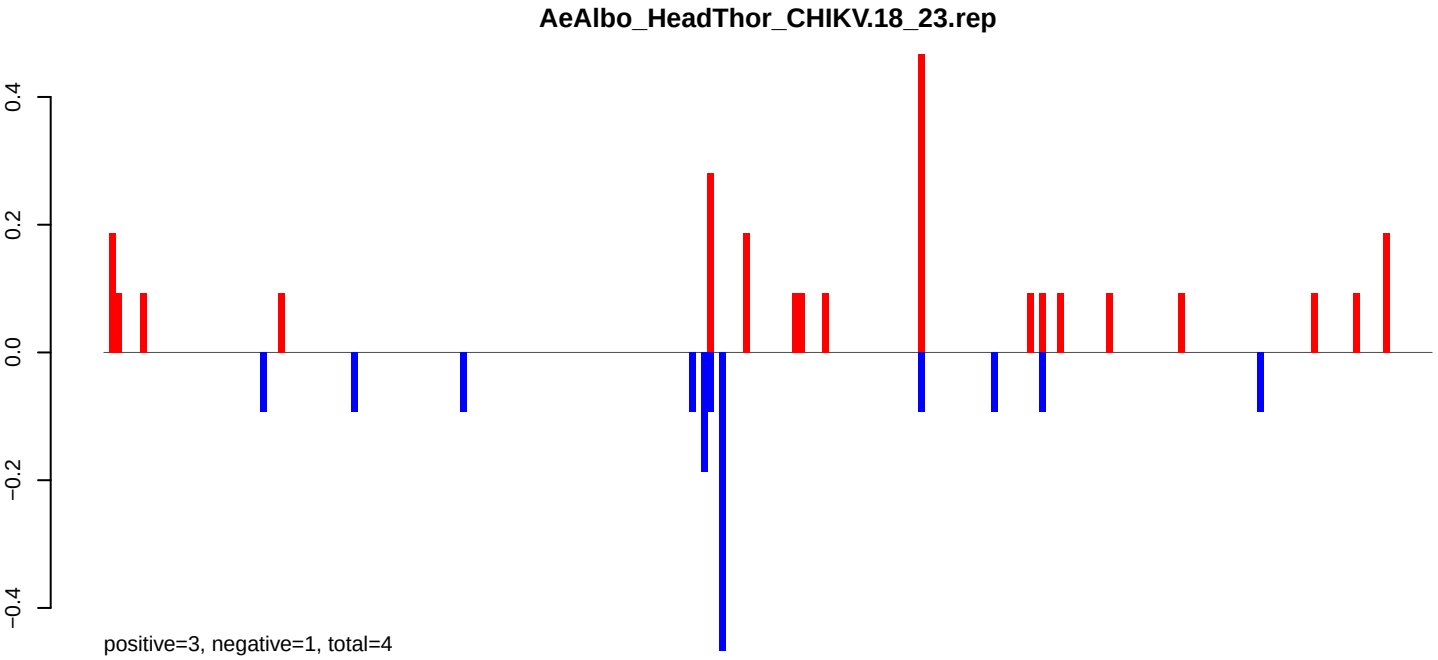

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
Window size=25, length=4457, TE@ltr−1_family−4966@Unknown:1−4457
0
1000
2000
3000
4000

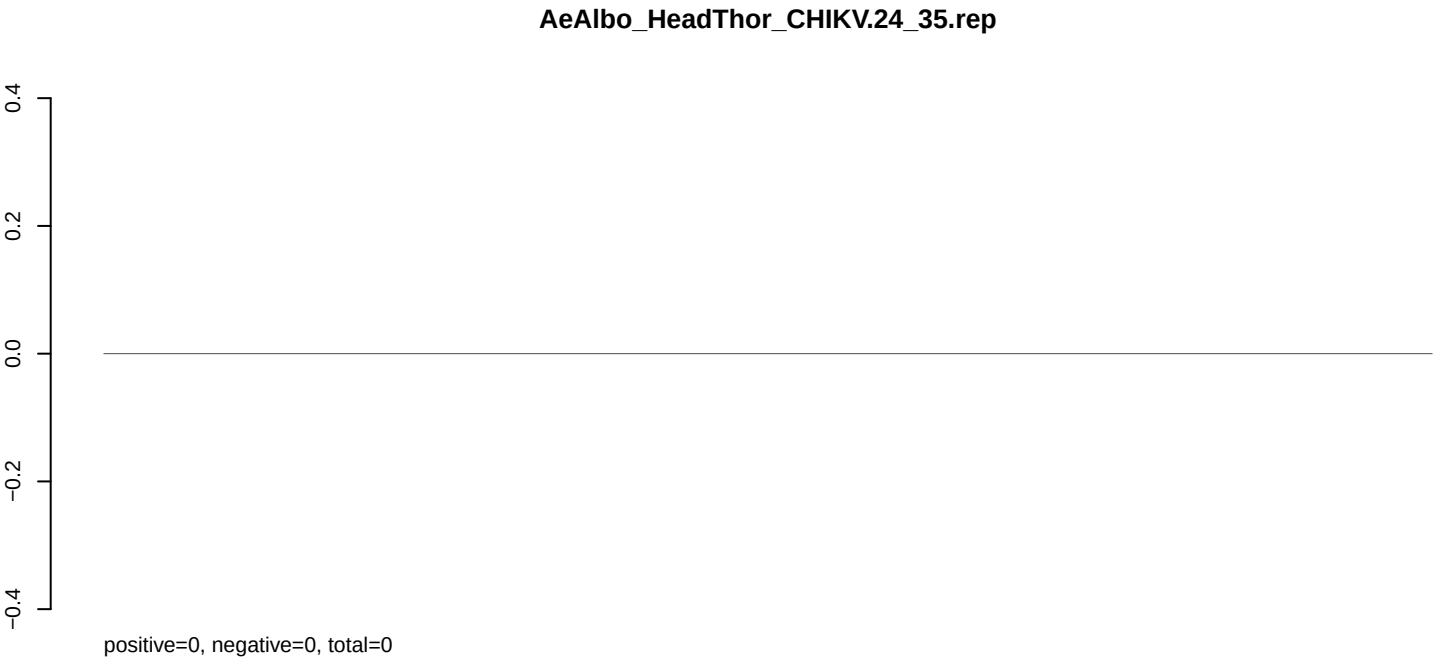

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=4959, TE@ltr−1_family−4783@LTR_Gypsy:1−4959
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
1000
2000
3000
4000
5000

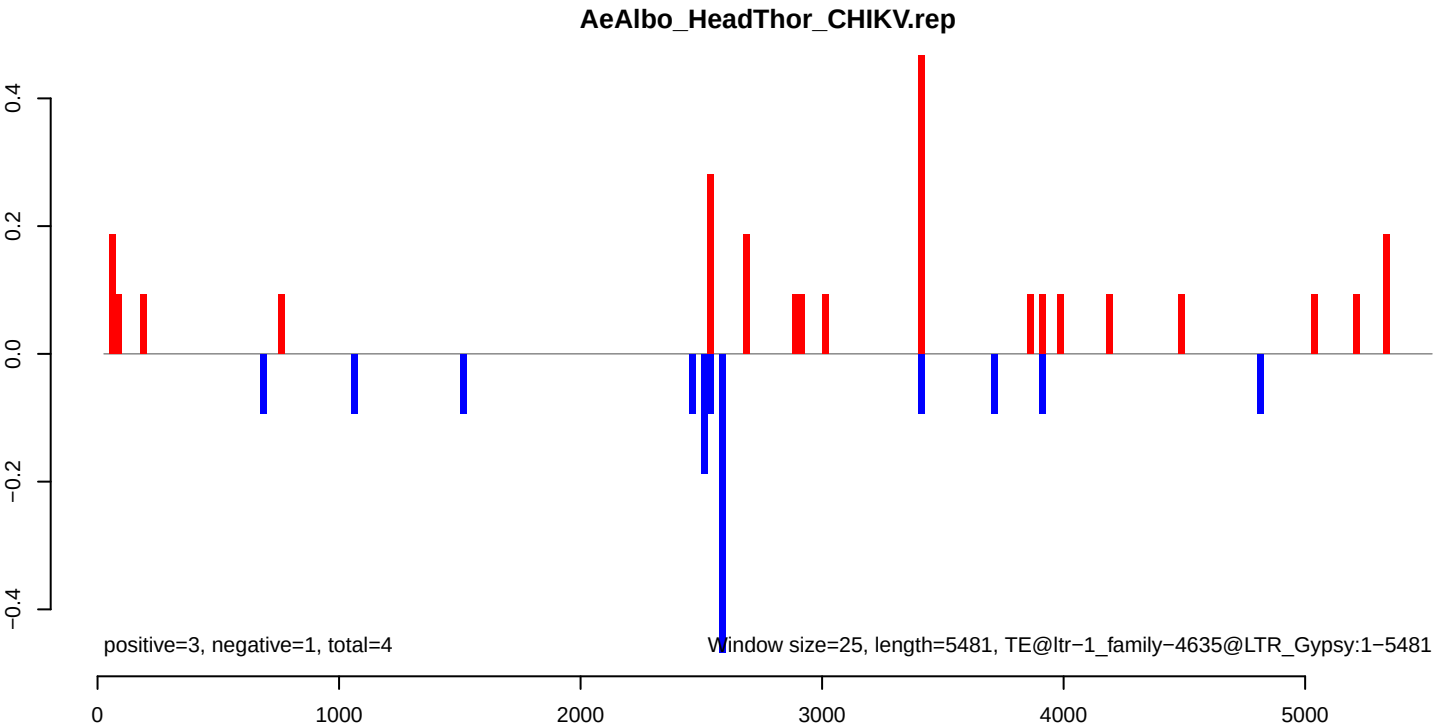

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=3, negative=4, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=4, negative=4, total=8
Window size=25, length=5017, TE@ltr−1_family−4721@LINE_RTE−BovB:1−5017
0
1000
2000
3000
4000
5000

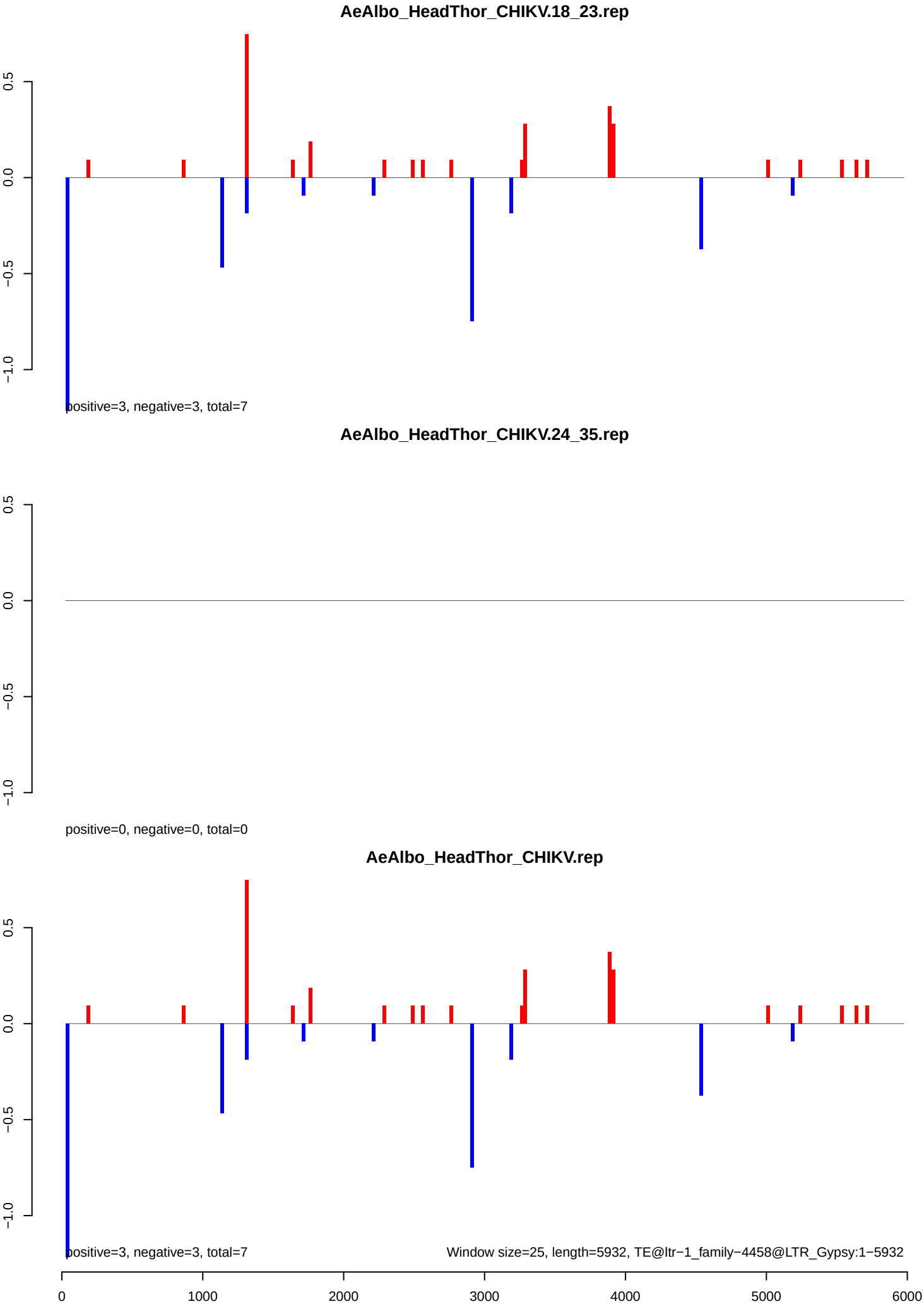

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=3, total=5
Window size=25, length=5799, TE@ltr−1_family−4707@LTR_Pao:1−5799
0
1000
2000
3000
4000
5000
6000

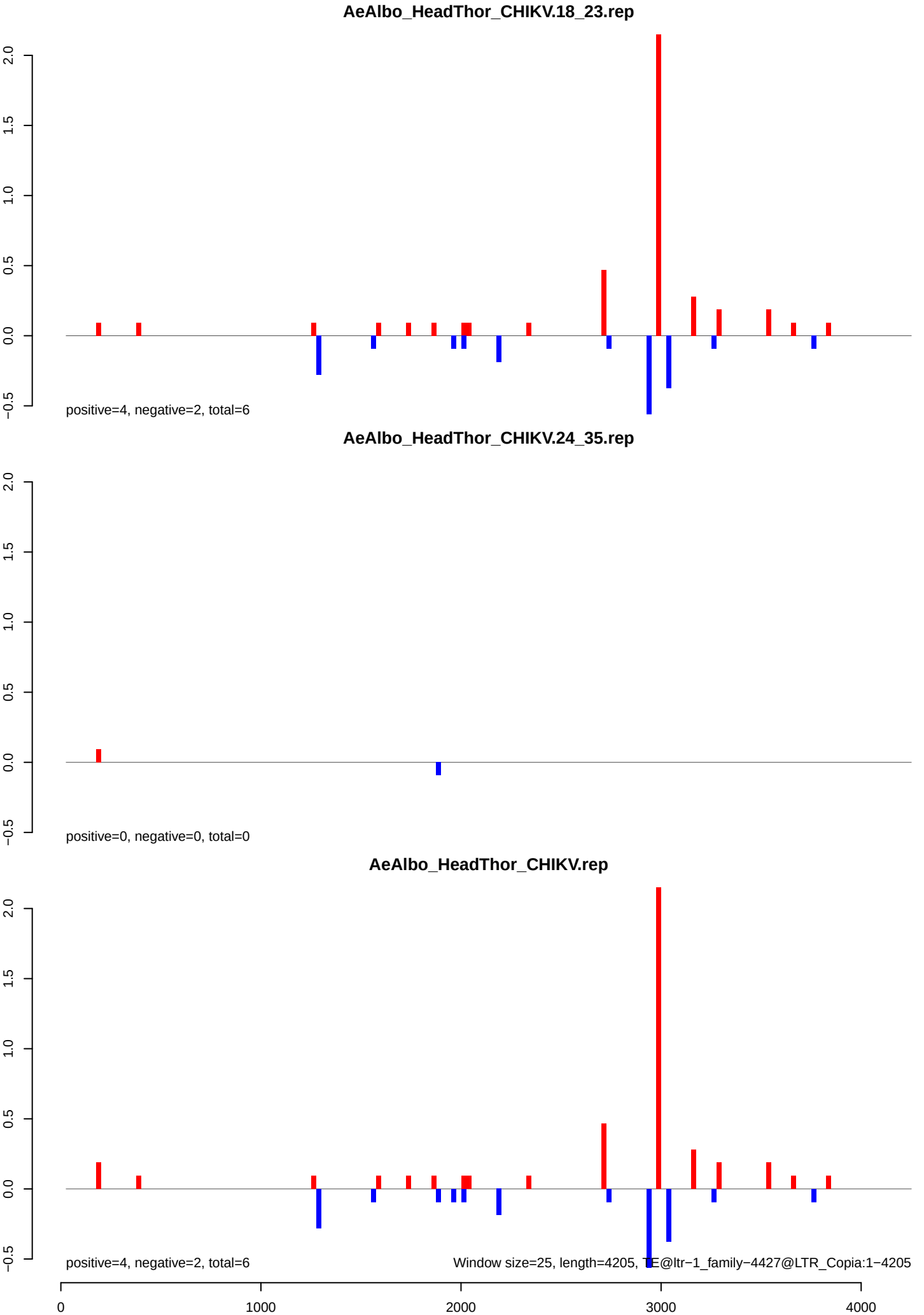

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=3, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=3, total=8
Window size=25, length=4896, TE@ltr−1_family−4647@LTR_ERV1:1−4896
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
1000
2000
3000
4000
5000

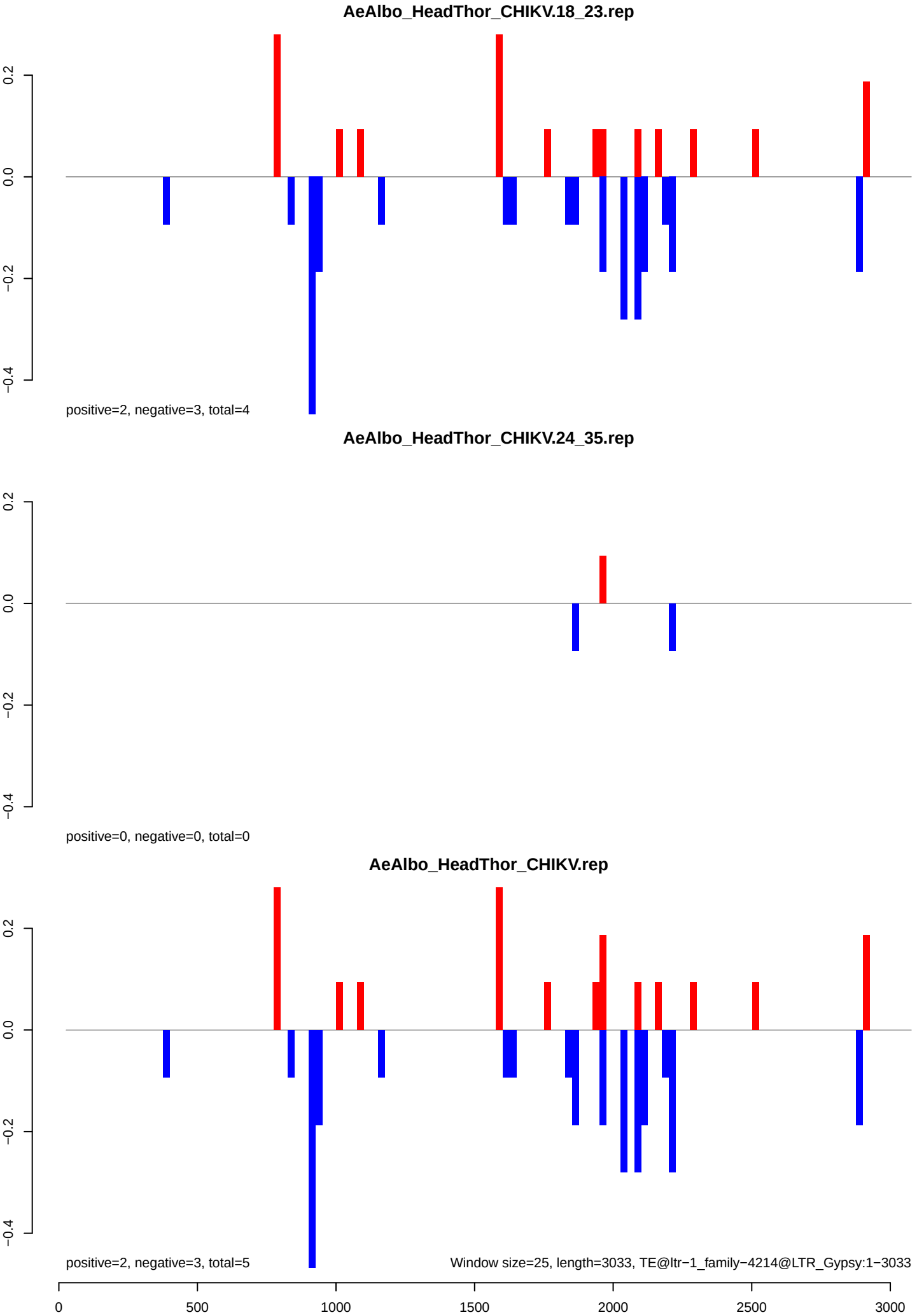

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=1, total=4

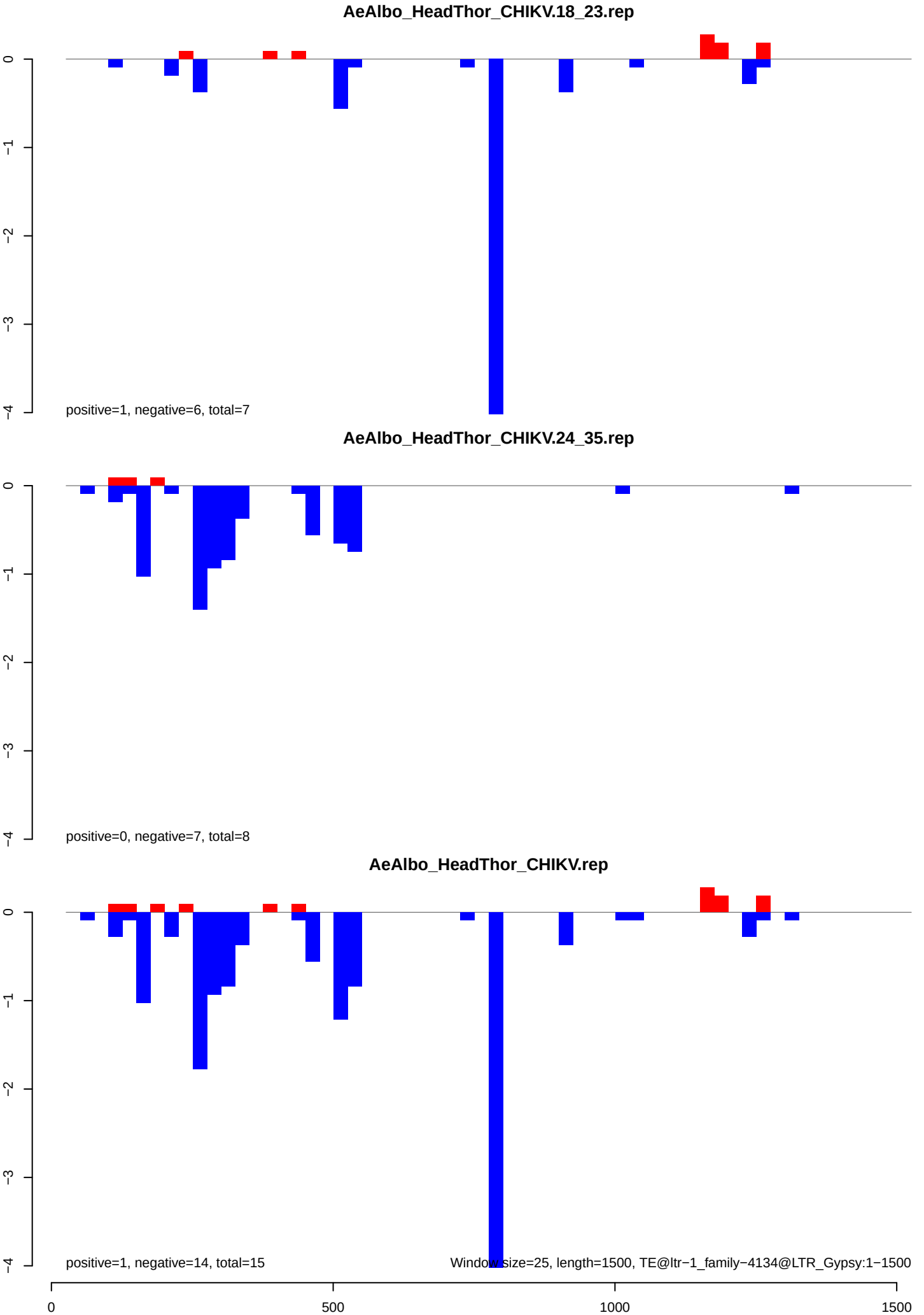

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

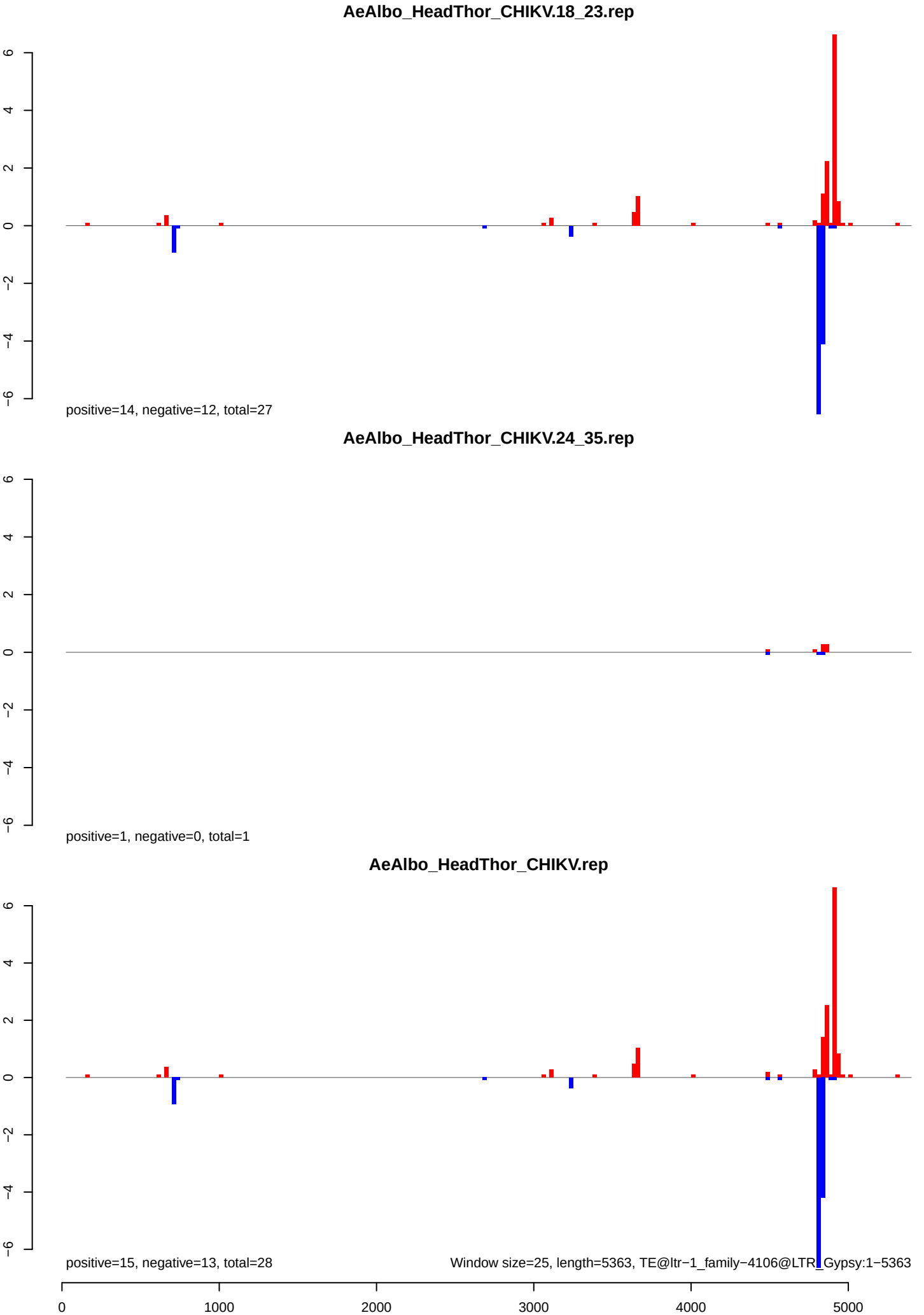

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=1, total=4
Window size=25, length=5481, TE@ltr−1_family−4635@LTR_Gypsy:1−5481
0
1000
2000
3000
4000
5000

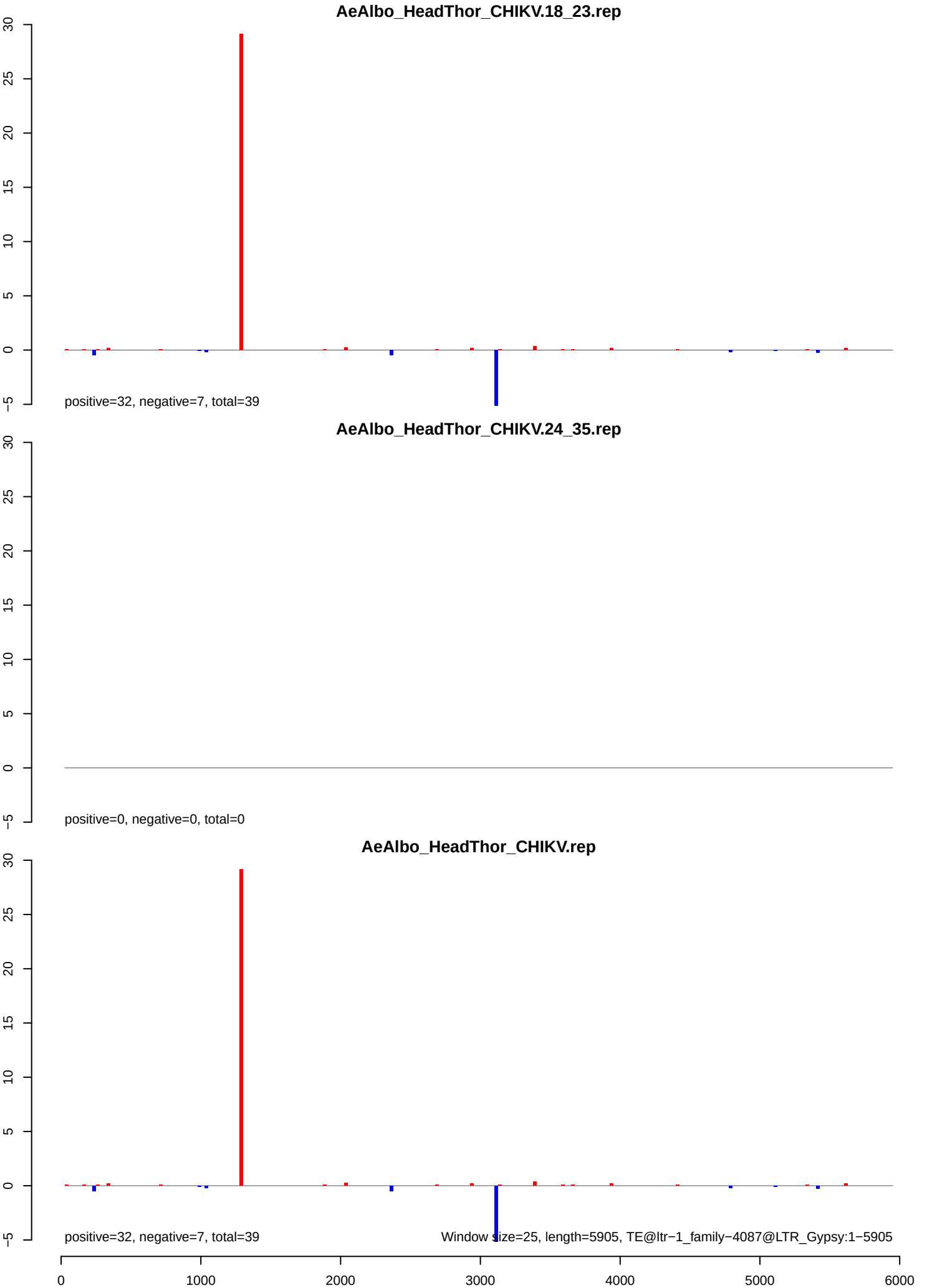

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=7
Window size=25, length=5932, TE@ltr−1_family−4458@LTR_Gypsy:1−5932
0
1000
2000
3000
4000
5000
6000

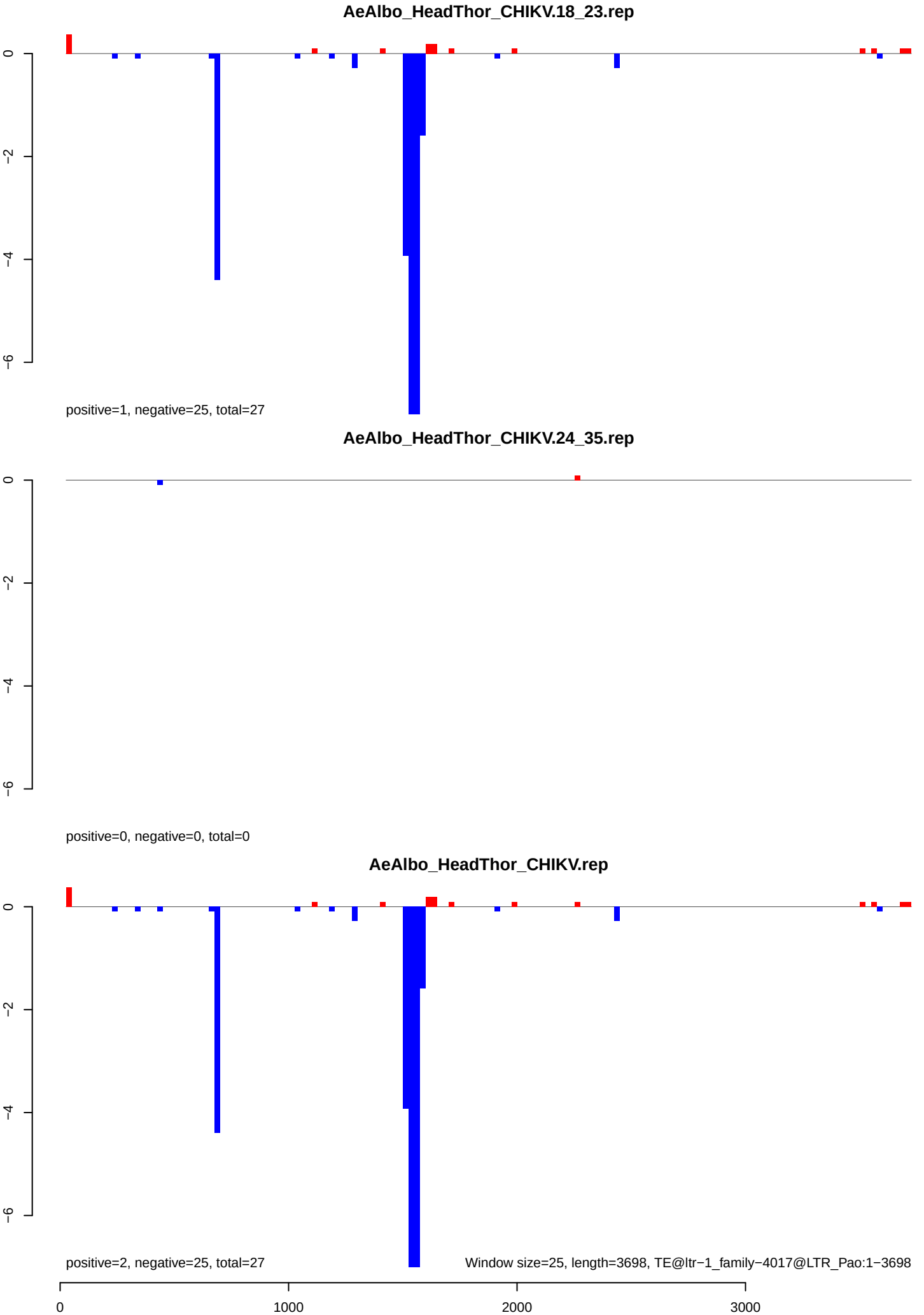

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=4, negative=2, total=6
Window size=25, length=4205, TE@ltr−1_family−4427@LTR_Copia:1−4205
0
1000
2000
3000
4000

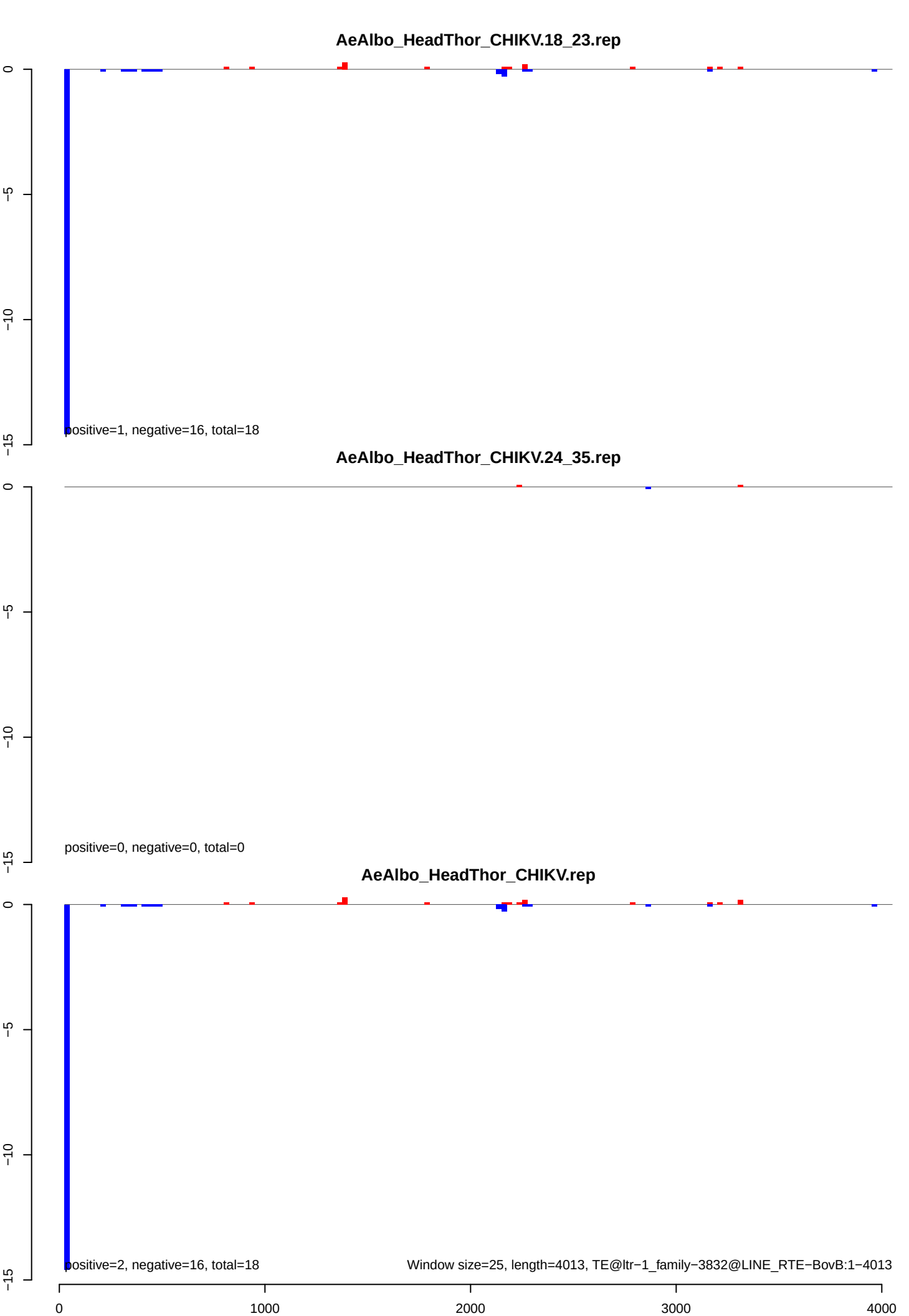

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=3, total=5
Window size=25, length=3033, TE@ltr−1_family−4214@LTR_Gypsy:1−3033
0
500
1000
1500
2000
2500
3000

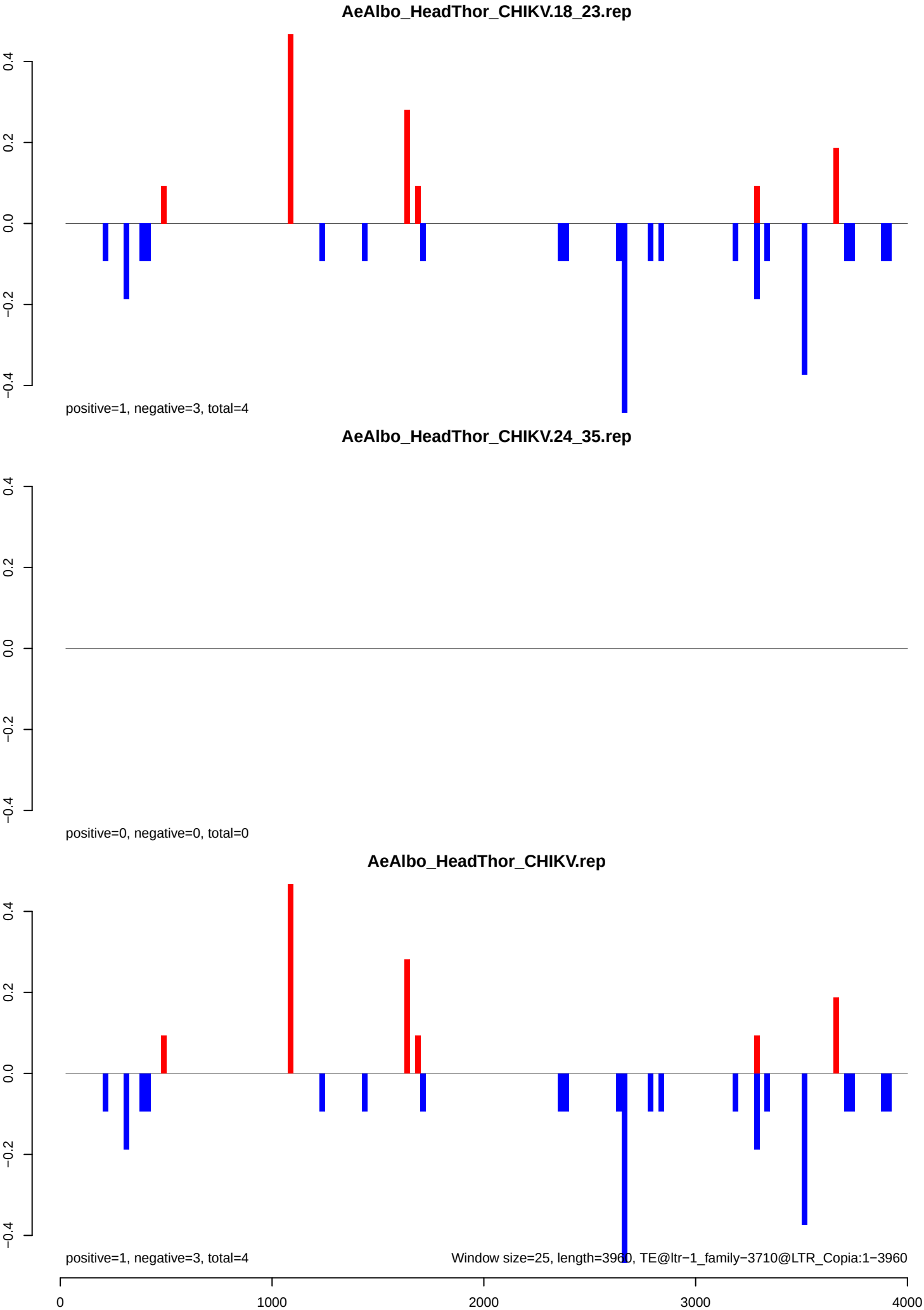

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=7, total=8
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=14, total=15
Window size=25, length=1500, TE@ltr−1_family−4134@LTR_Gypsy:1−1500
0
−1
−2
−3
−4
0
500
1000
1500

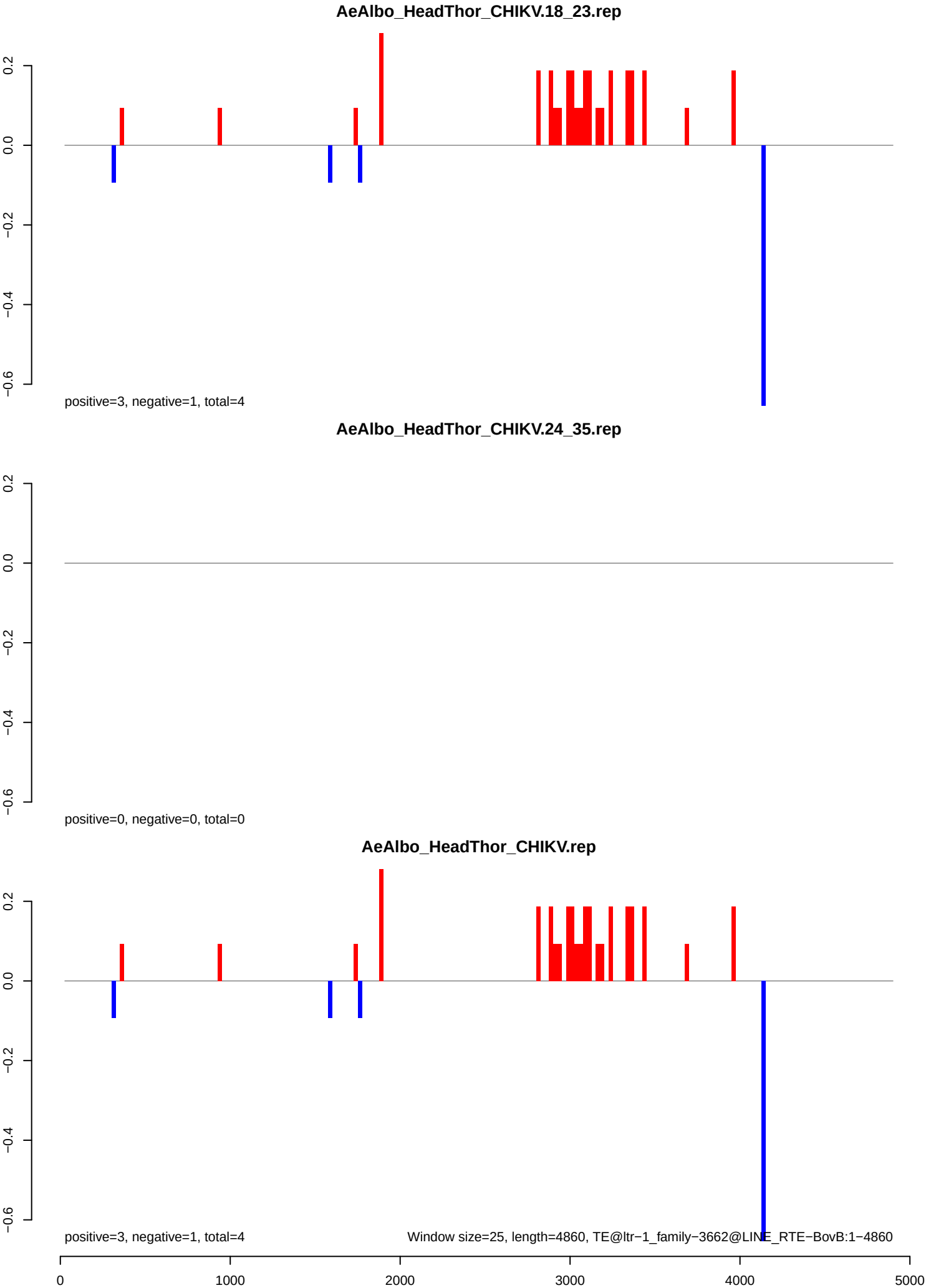

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
−4
−6
positive=14, negative=12, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
−4
−6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
−4
−6
positive=15, negative=13, total=28
Window size=25, length=5363, TE@ltr−1_family−4106@LTR_Gypsy:1−5363
0
1000
2000
3000
4000
5000

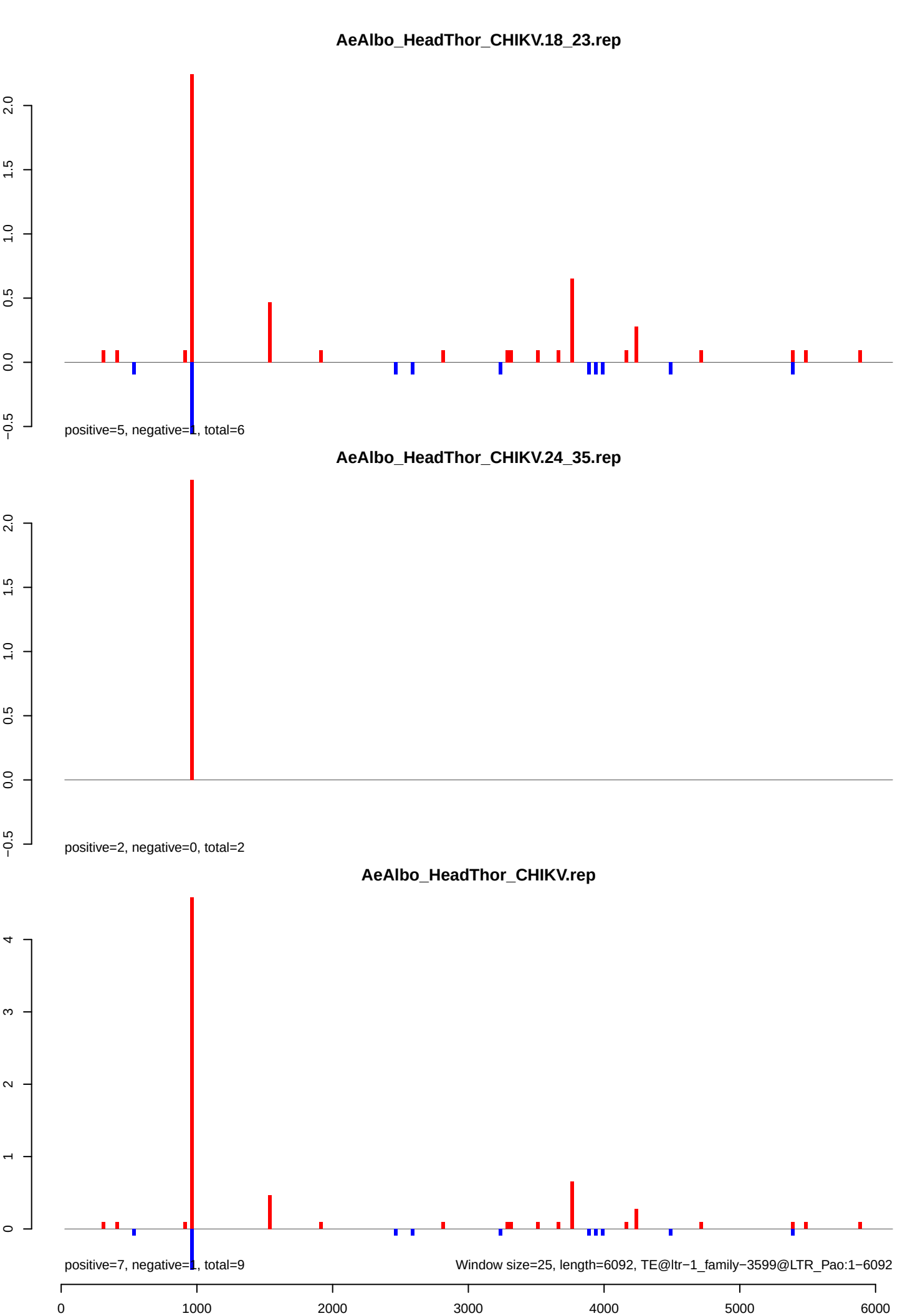

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=32, negative=7, total=39
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=32, negative=7, total=39
Window size=25, length=5905, TE@ltr−1_family−4087@LTR_Gypsy:1−5905
30
25
20
15
10
5
0
−5
0
1000
2000
3000
4000
5000
6000

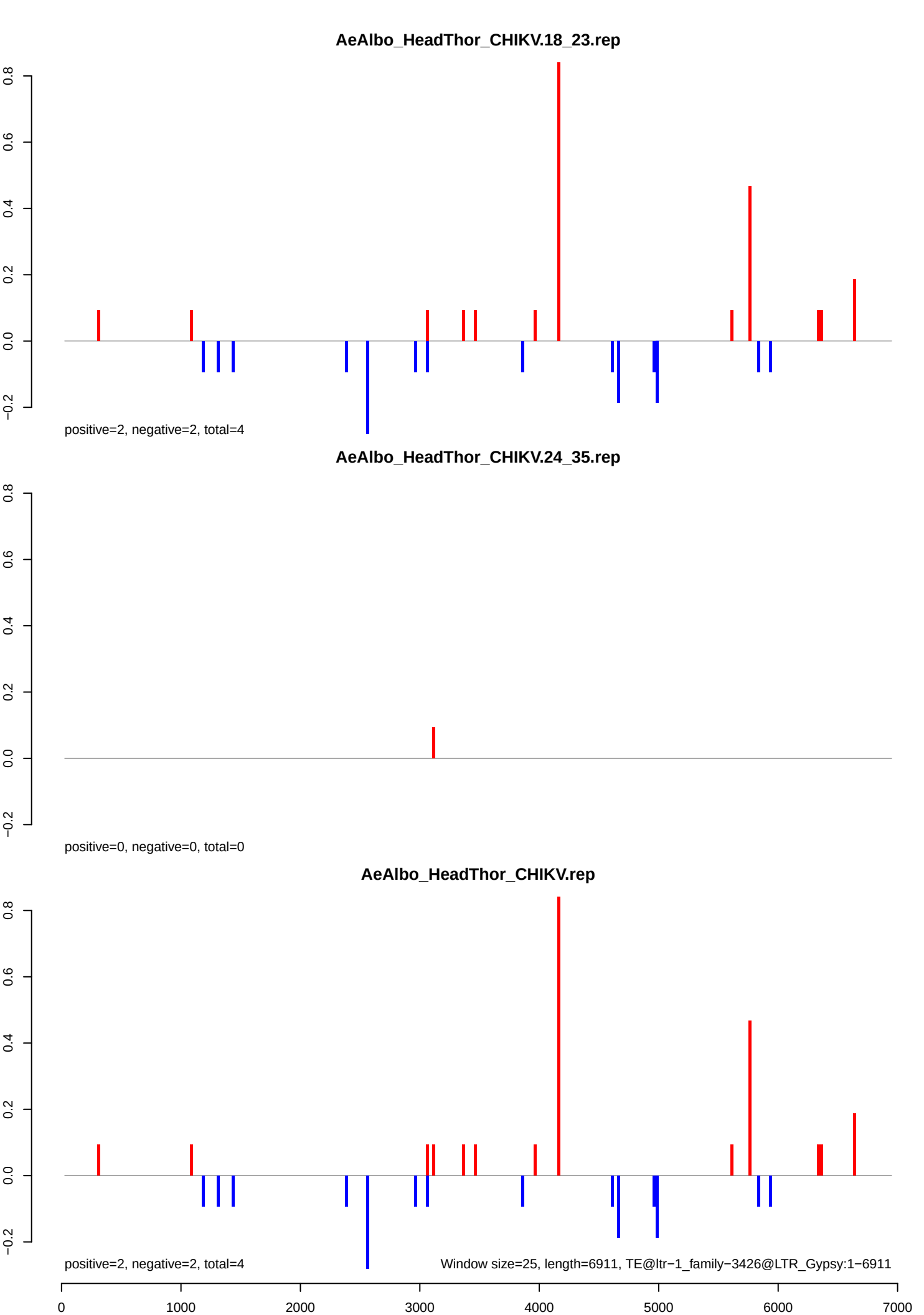

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
positive=1, negative=25, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
positive=2, negative=25, total=27
Window size=25, length=3698, TE@ltr−1_family−4017@LTR_Pao:1−3698
0
1000
2000
3000

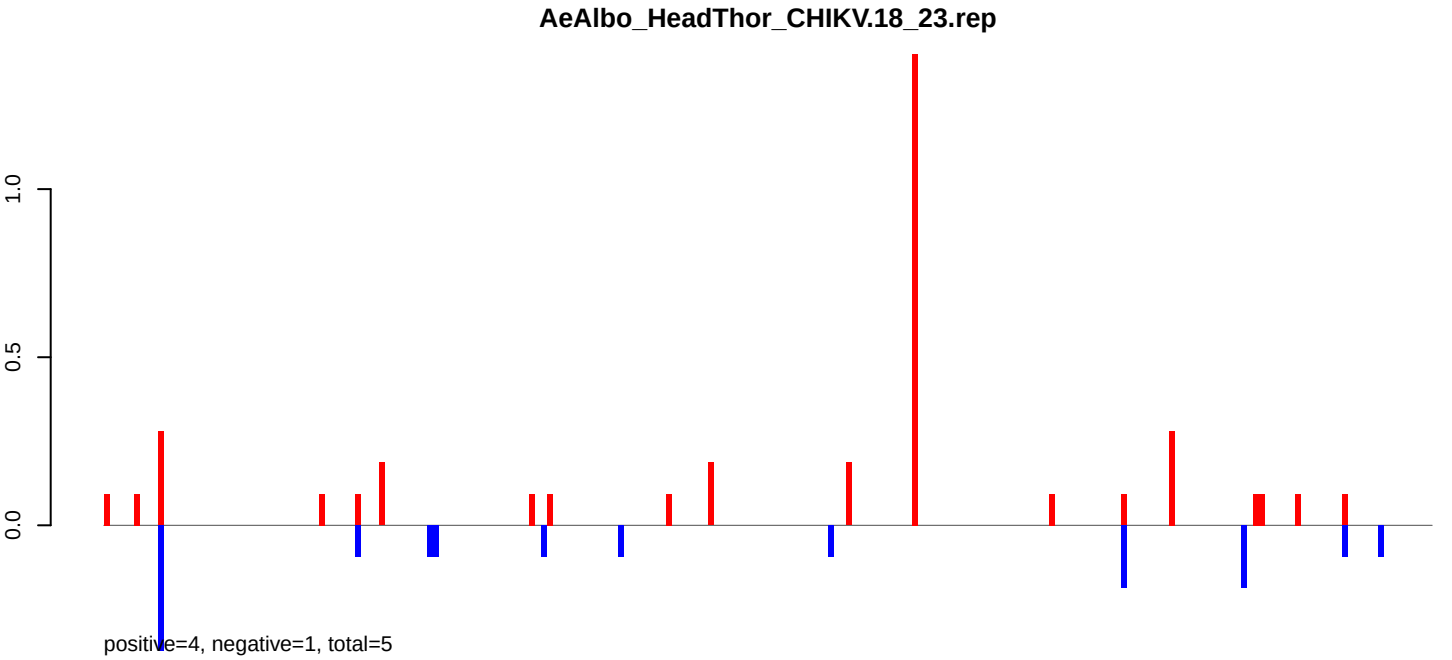

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=16, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=2, negative=16, total=18
Window size=25, length=4013, TE@ltr−1_family−3832@LINE_RTE−BovB:1−4013
0
1000
2000
3000
4000

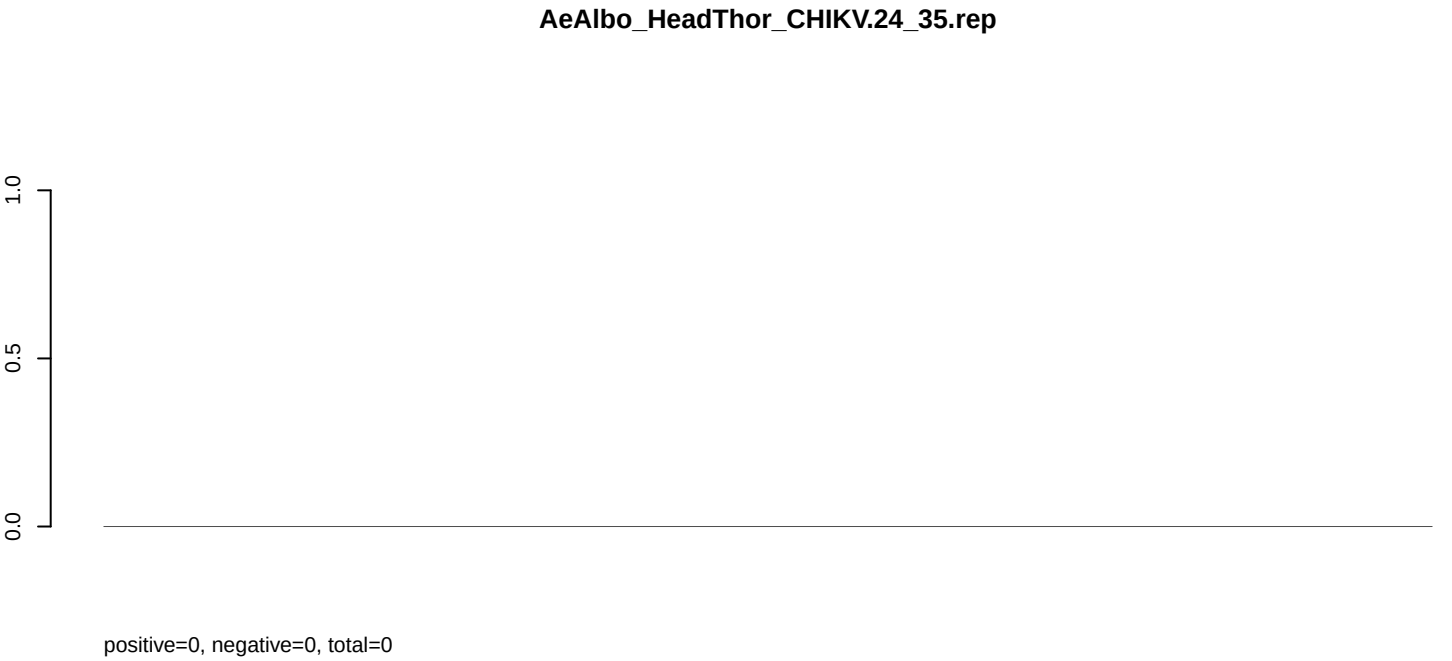

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=3, total=4
Window size=25, length=3960, TE@ltr−1_family−3710@LTR_Copia:1−3960
0
1000
2000
3000
4000

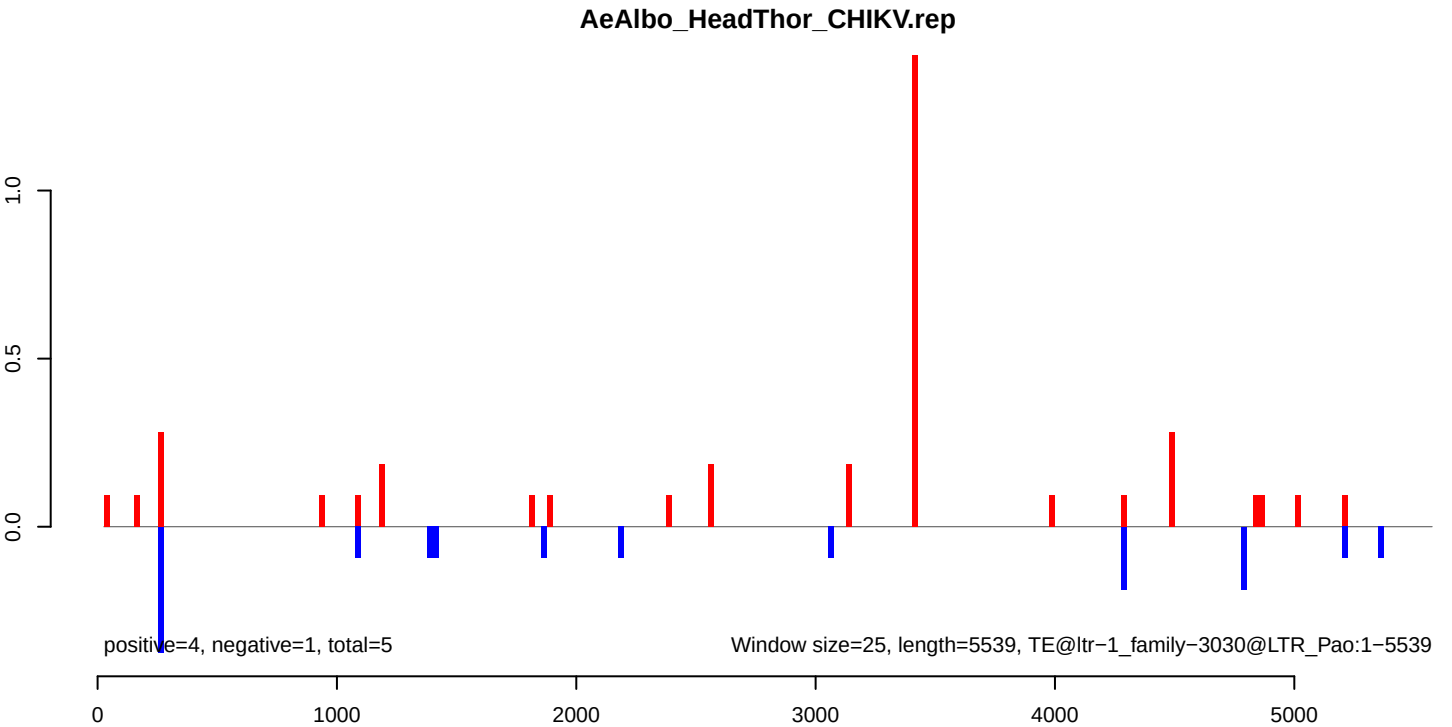

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=1, total=4
Window size=25, length=4860, TE@ltr−1_family−3662@LINE_RTE−BovB:1−4860
0
1000
2000
3000
4000
5000

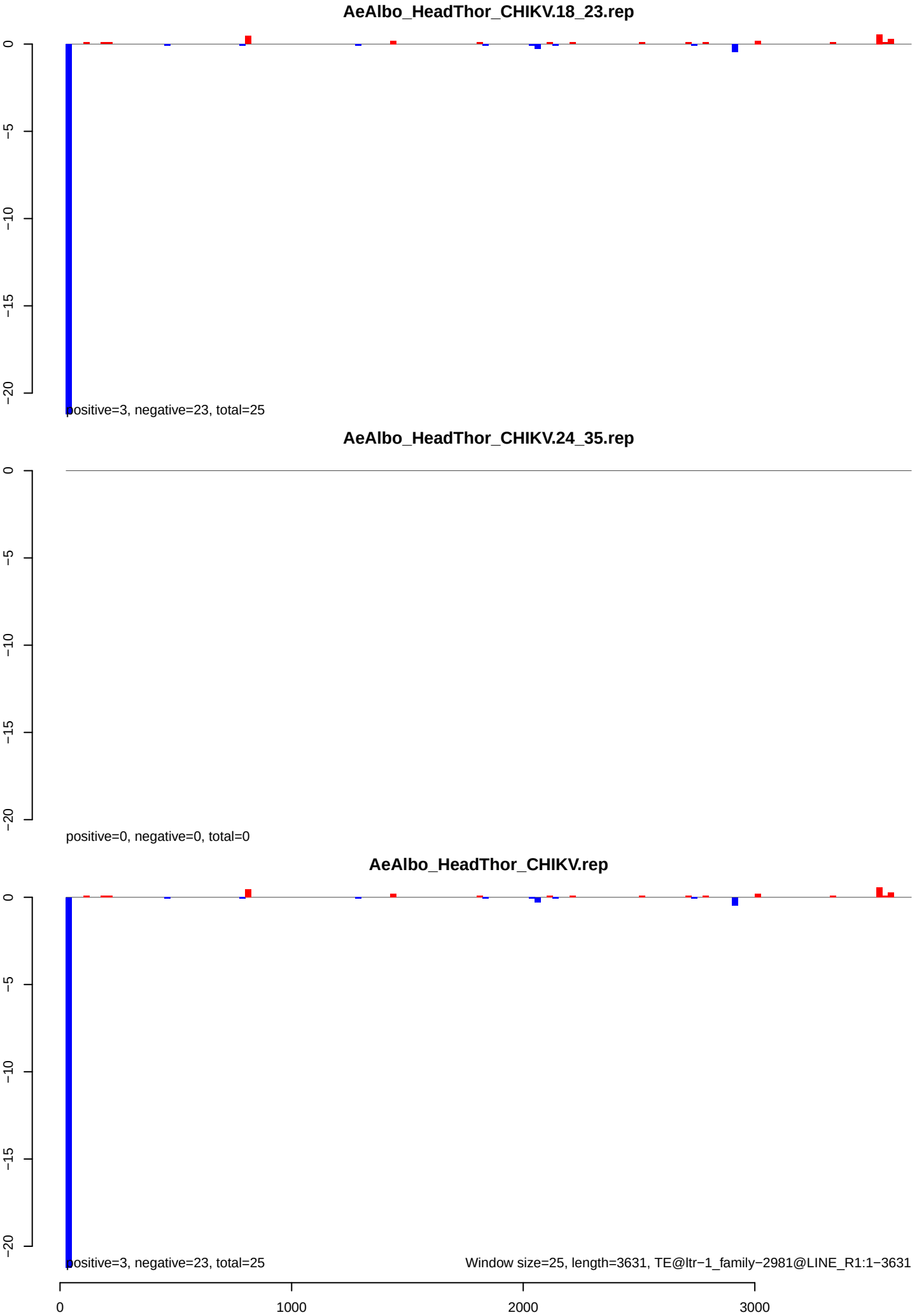

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=1, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=1, total=9
Window size=25, length=6092, TE@ltr−1_family−3599@LTR_Pao:1−6092
0
1000
2000
3000
4000
5000
6000

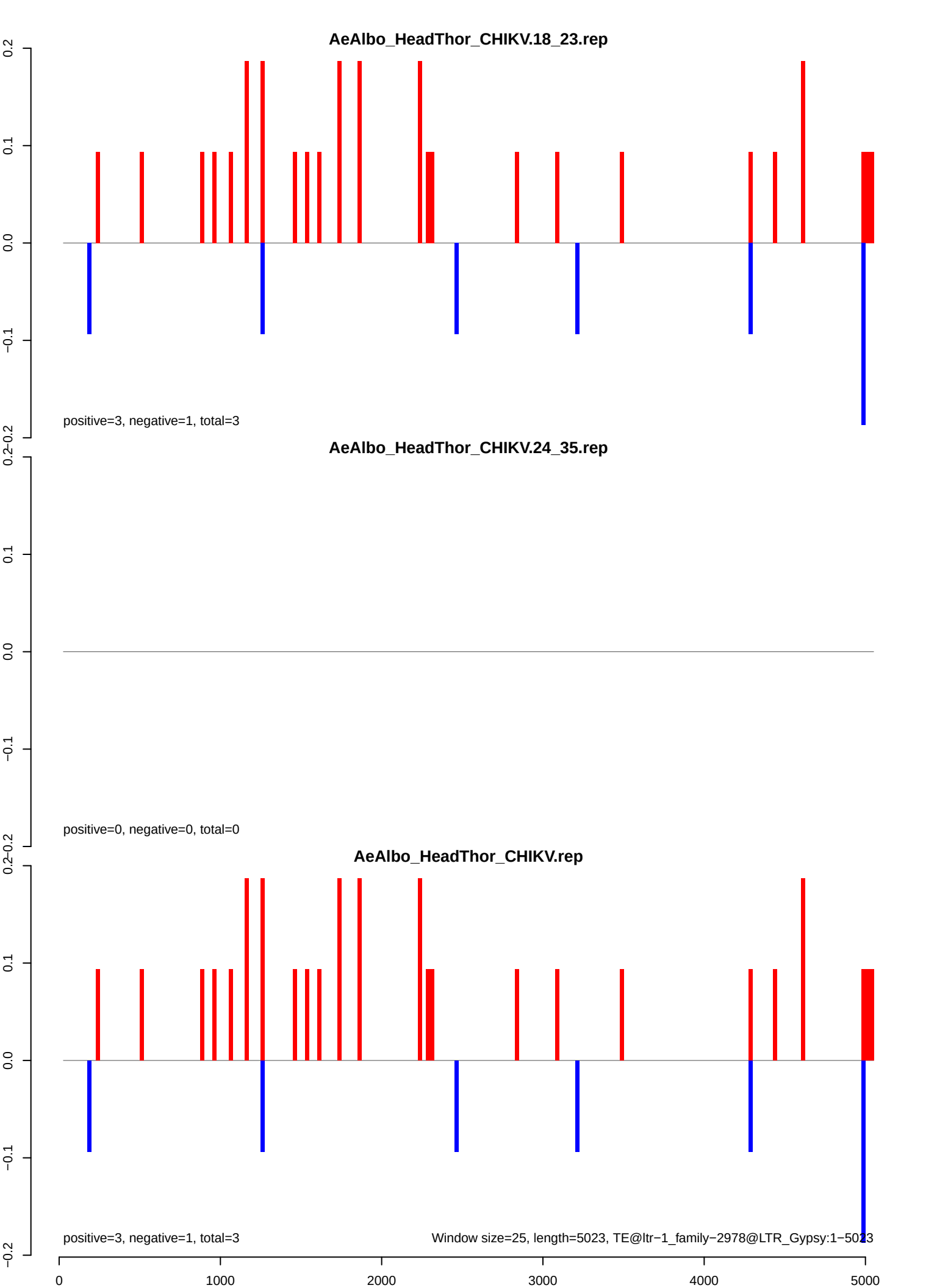

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=2, total=4
Window size=25, length=6911, TE@ltr−1_family−3426@LTR_Gypsy:1−6911
0
1000
2000
3000
4000
5000
6000
7000

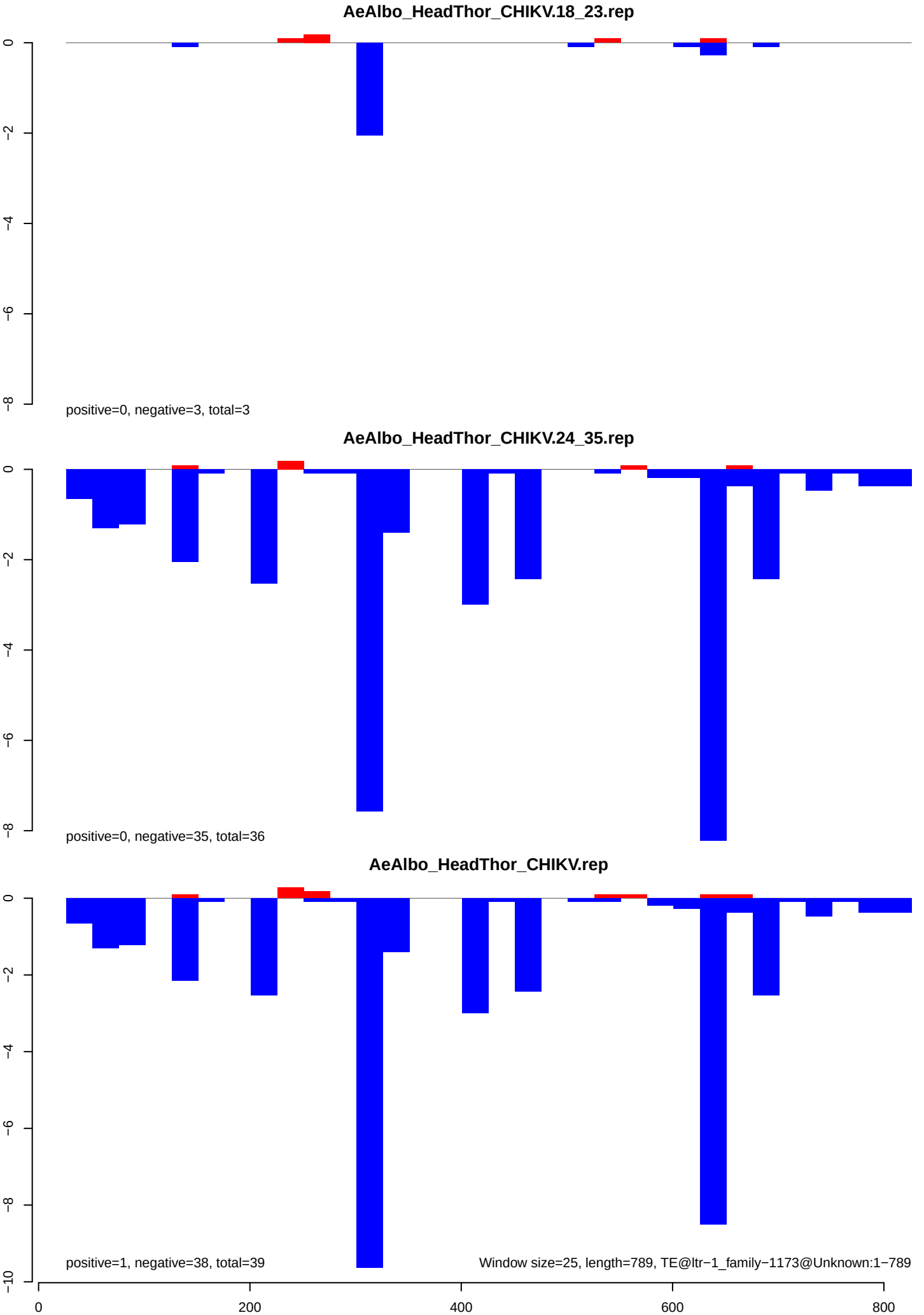

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=4, negative=1, total=5

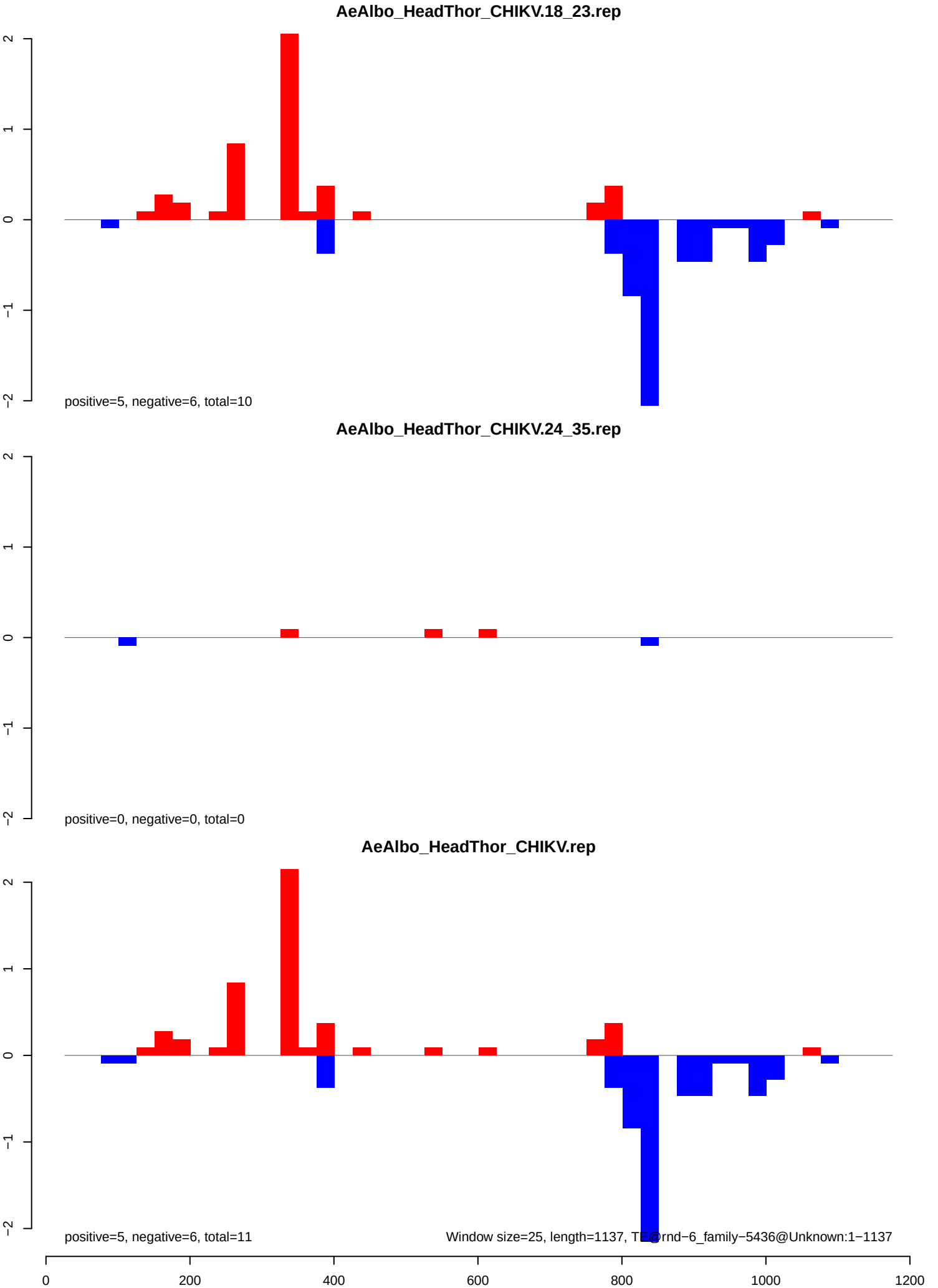

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0

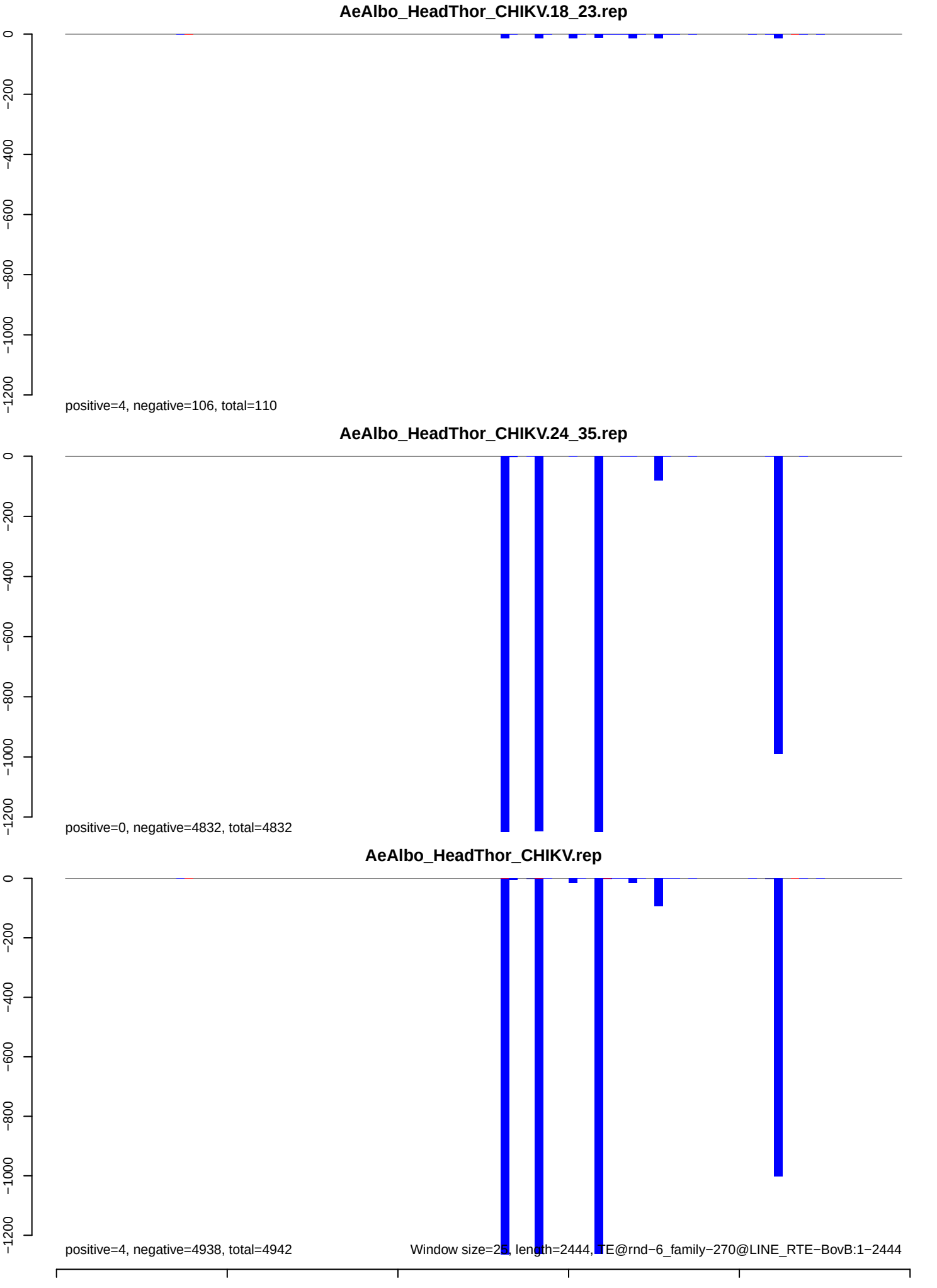

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=4, negative=1, total=5
Window size=25, length=5539, TE@ltr−1_family−3030@LTR_Pao:1−5539
0
1000
2000
3000
4000
5000

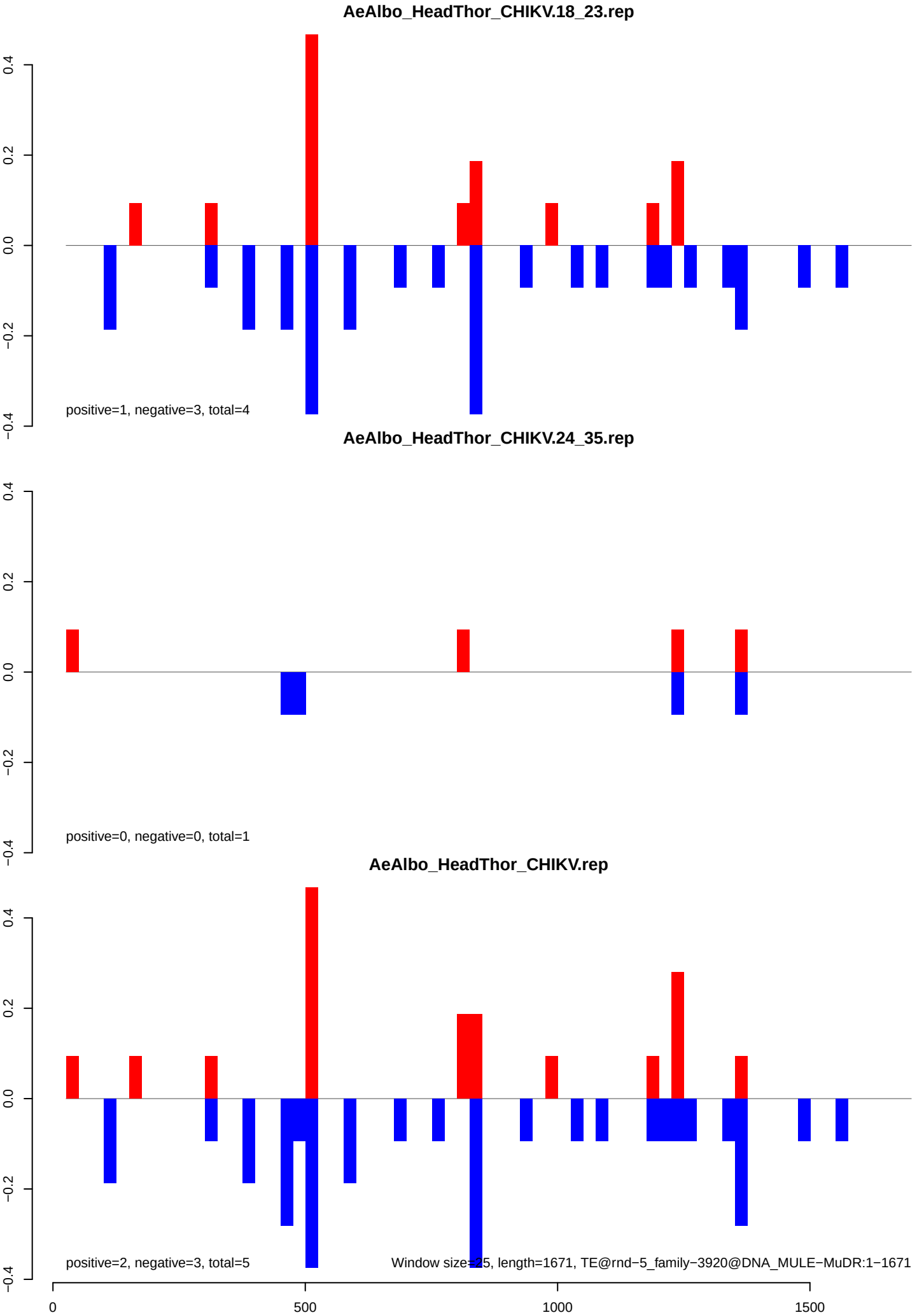

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=23, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=23, total=25
Window size=25, length=3631, TE@ltr−1_family−2981@LINE_R1:1−3631
0
1000
2000
3000

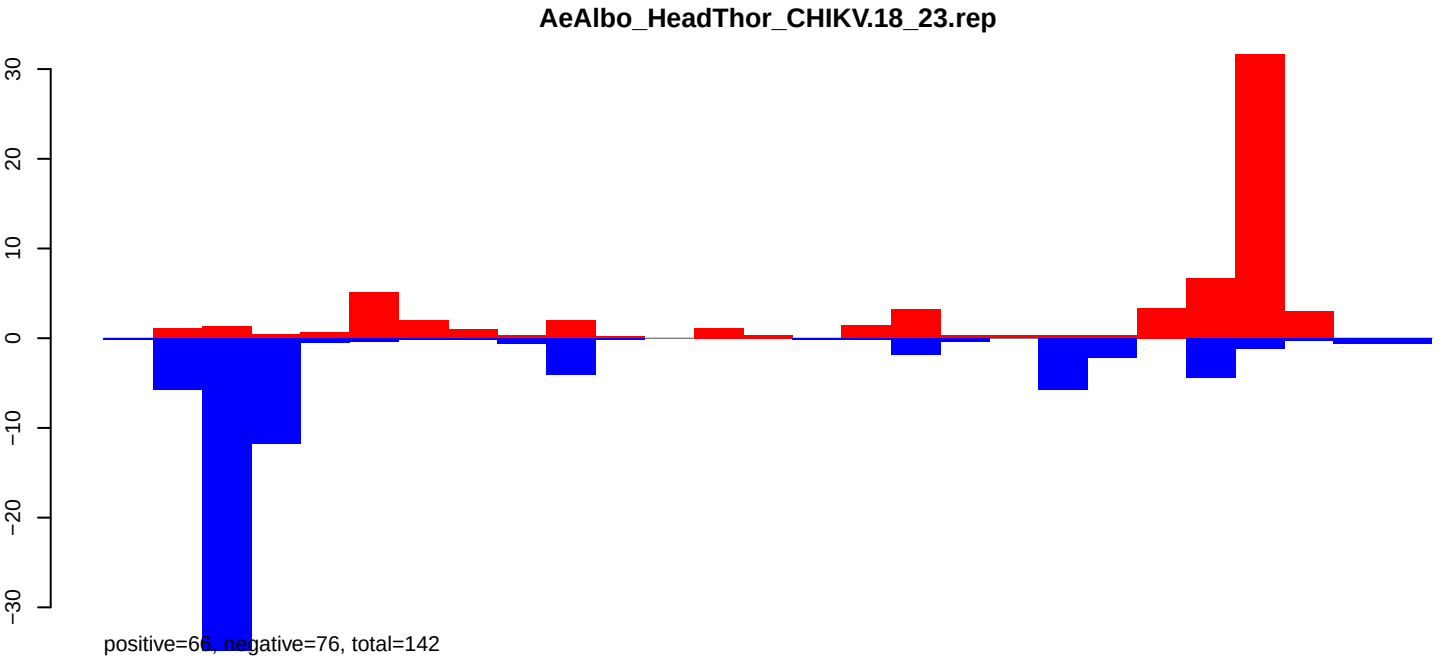

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=3
Window size=25, length=5023, TE@ltr−1_family−2978@LTR_Gypsy:1−5023
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000
5000

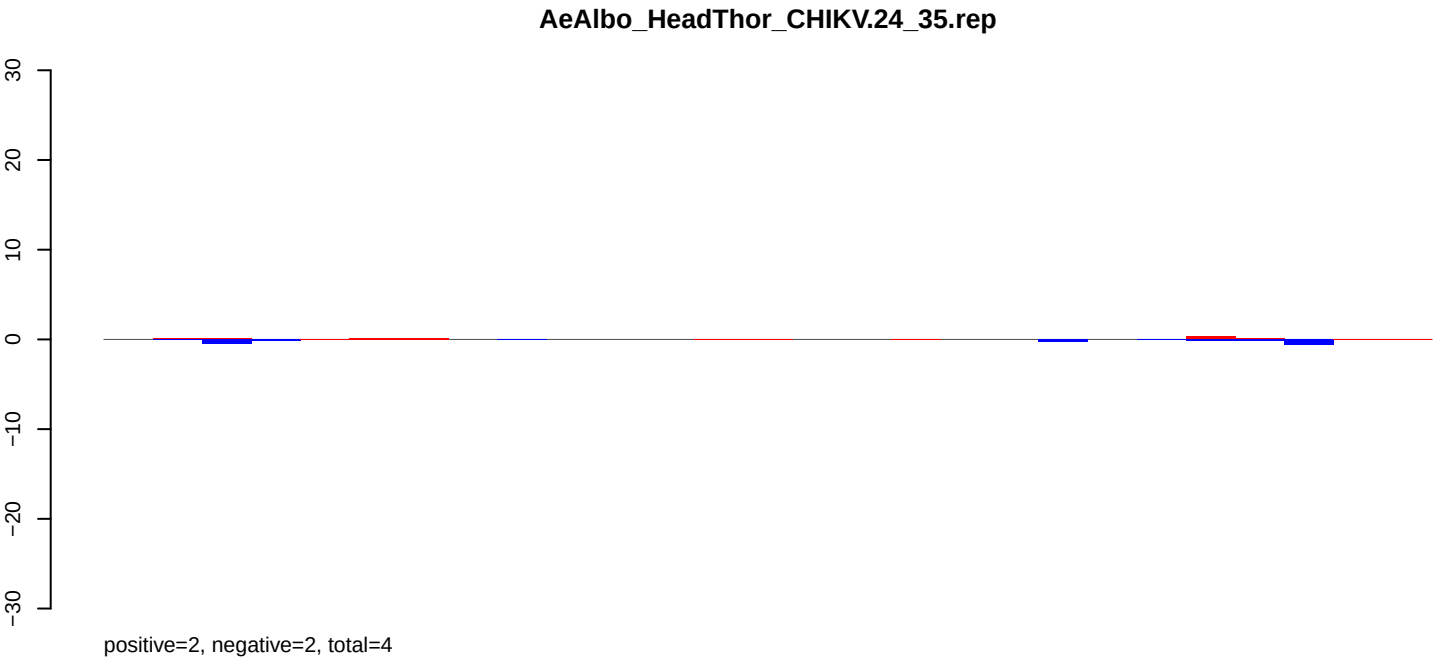

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=35, total=36
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
positive=1, negative=38, total=39
Window size=25, length=789, TE@ltr−1_family−1173@Unknown:1−789
0
200
400
600
800

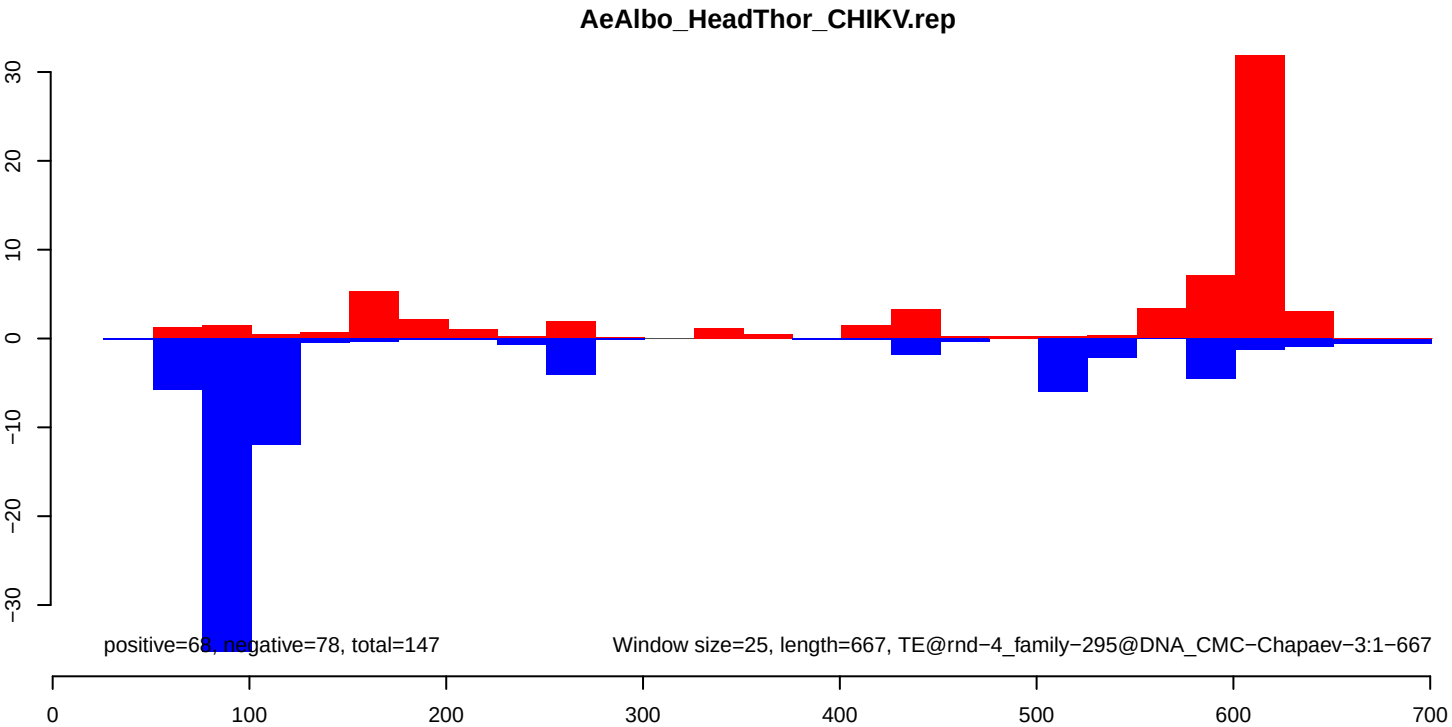

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=6, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=6, total=11
Window size=25, length=1137, TE@rnd−6_family−5436@Unknown:1−1137
2
1
0
−1
−2
0
200
400
600
800
1000
1200

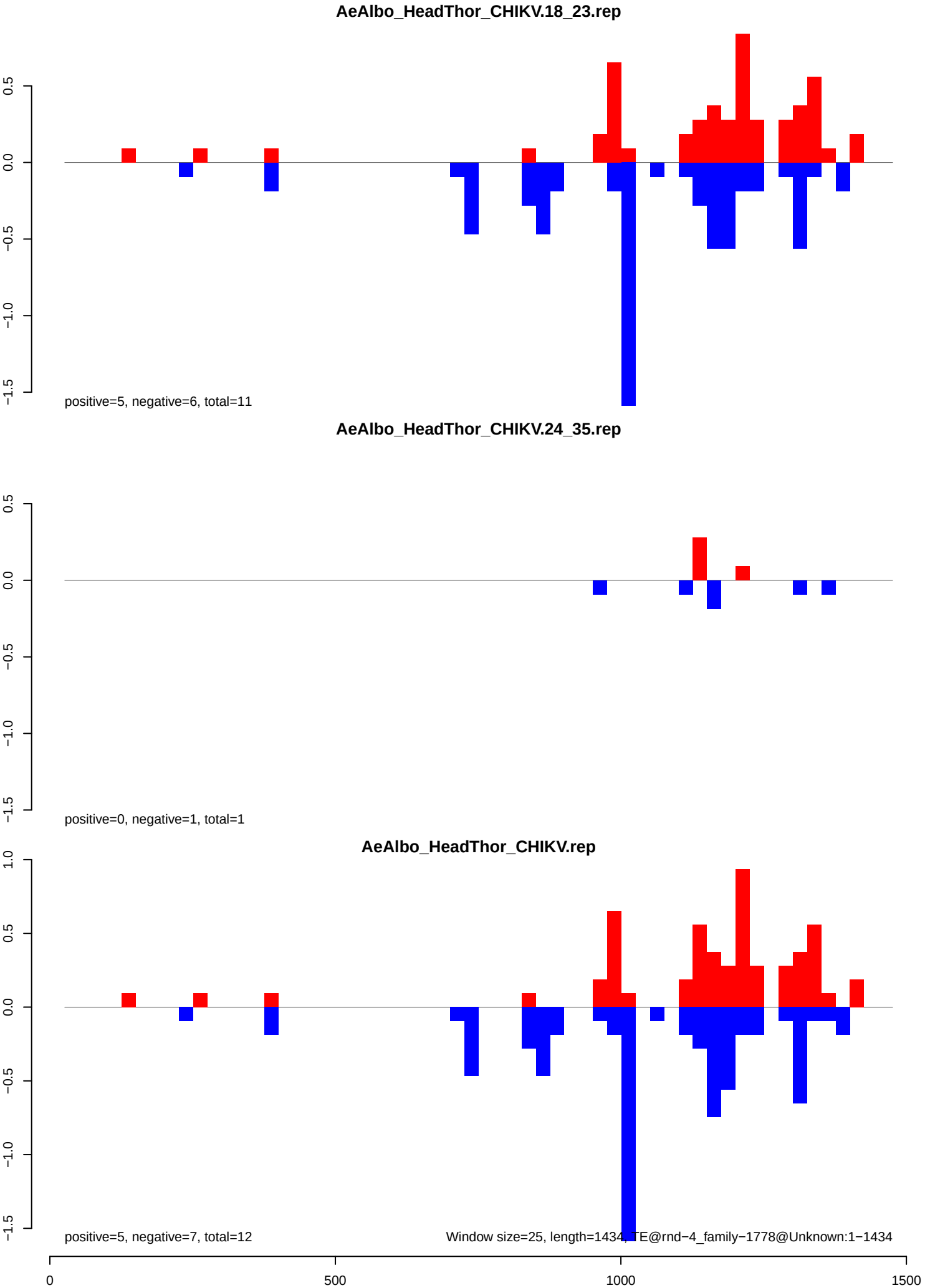

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−200
−400
−600
−800
−1000
−1200
positive=4, negative=106, total=110
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=4832, total=4832
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=4938, total=4942
Window size=25, length=2444, TE@rnd−6_family−270@LINE_RTE−BovB:1−2444
0
500
1000
1500
2000
2500

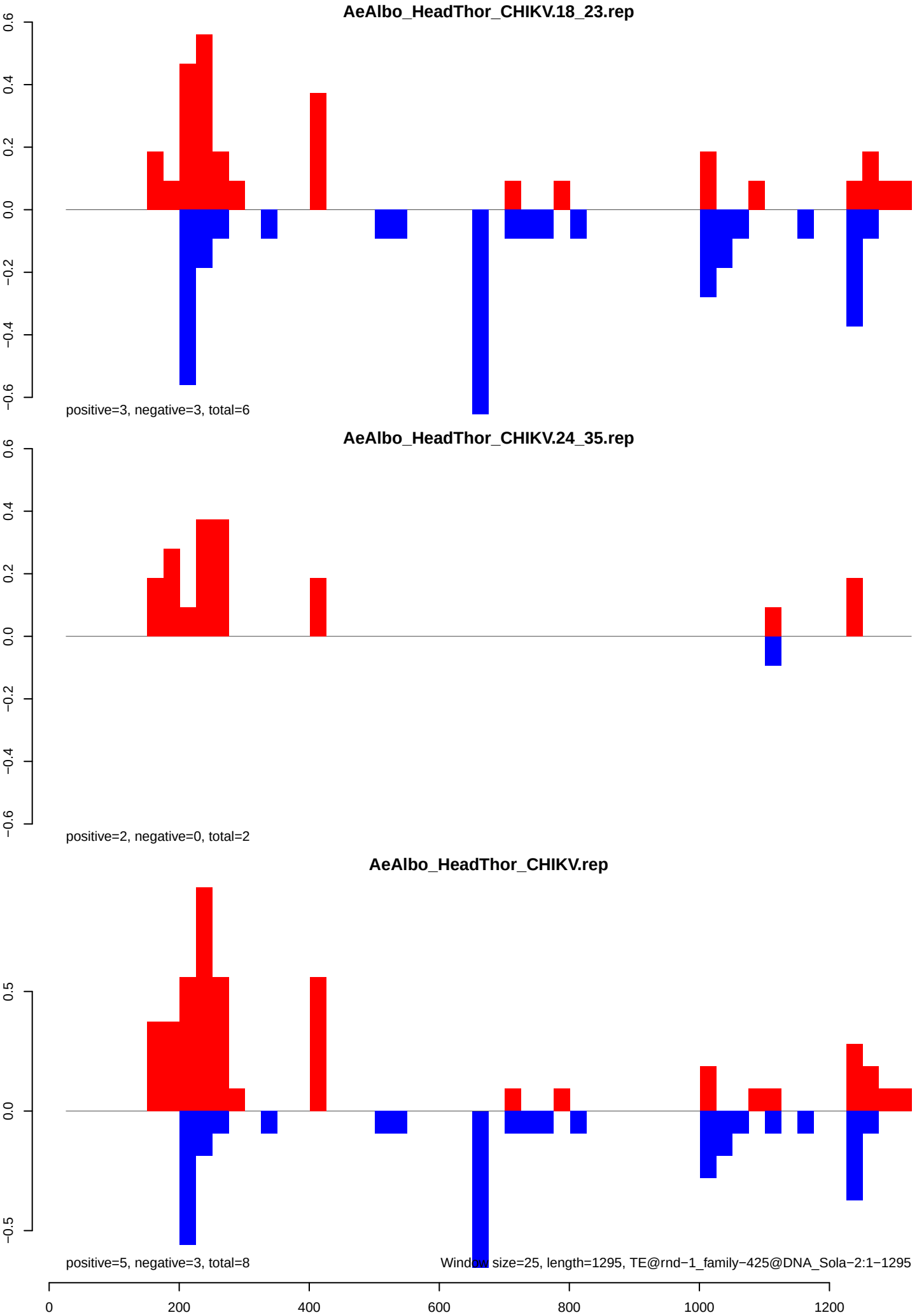

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=3, total=5
Window size=25, length=1671, TE@rnd−5_family−3920@DNA_MULE−MuDR:1−1671
0
500
1000
1500

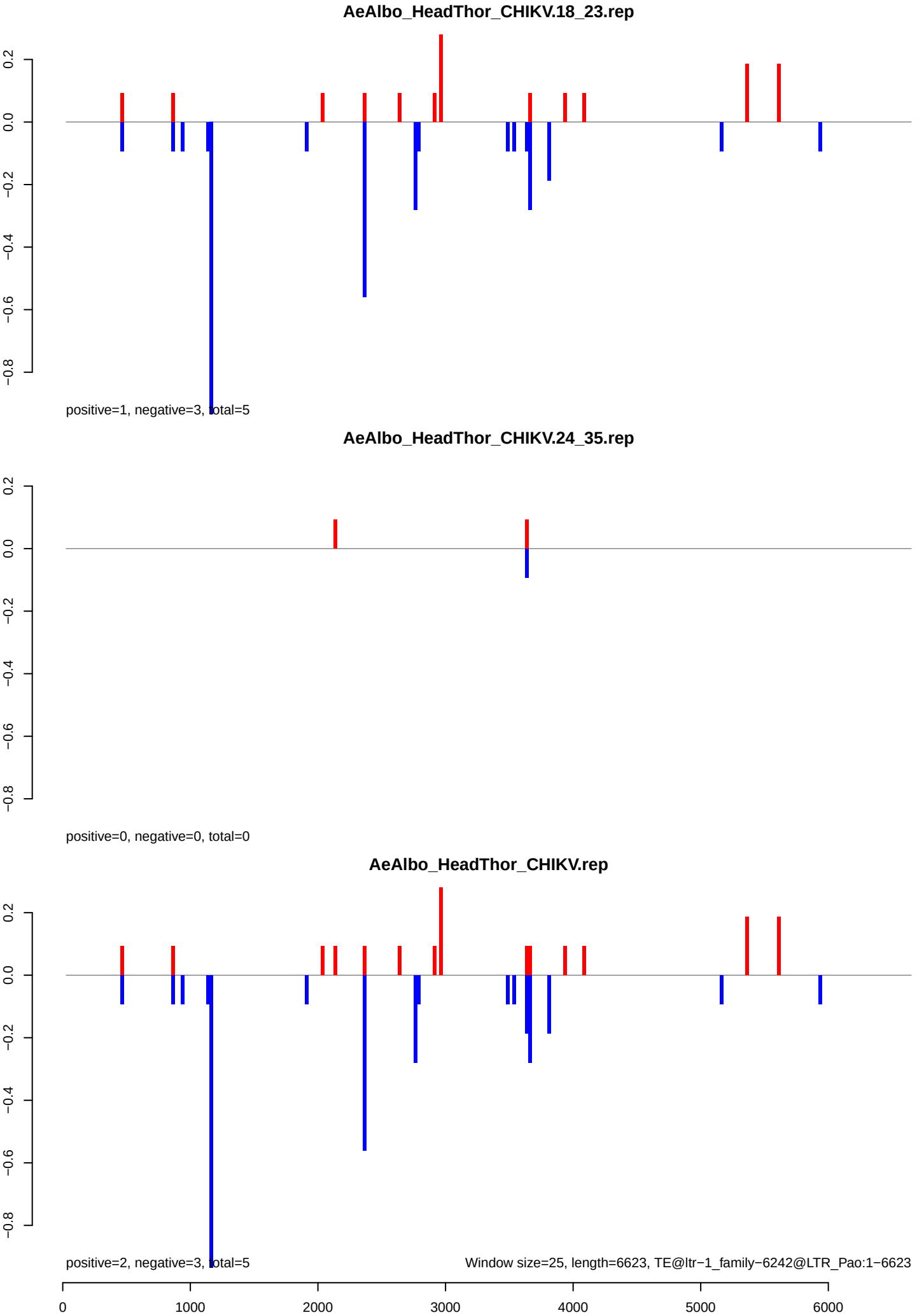

AeAlbo_HeadThor_CHIKV.18_23.rep
30
20
10
0
−10
−20
−30
positive=66, negative=76, total=142

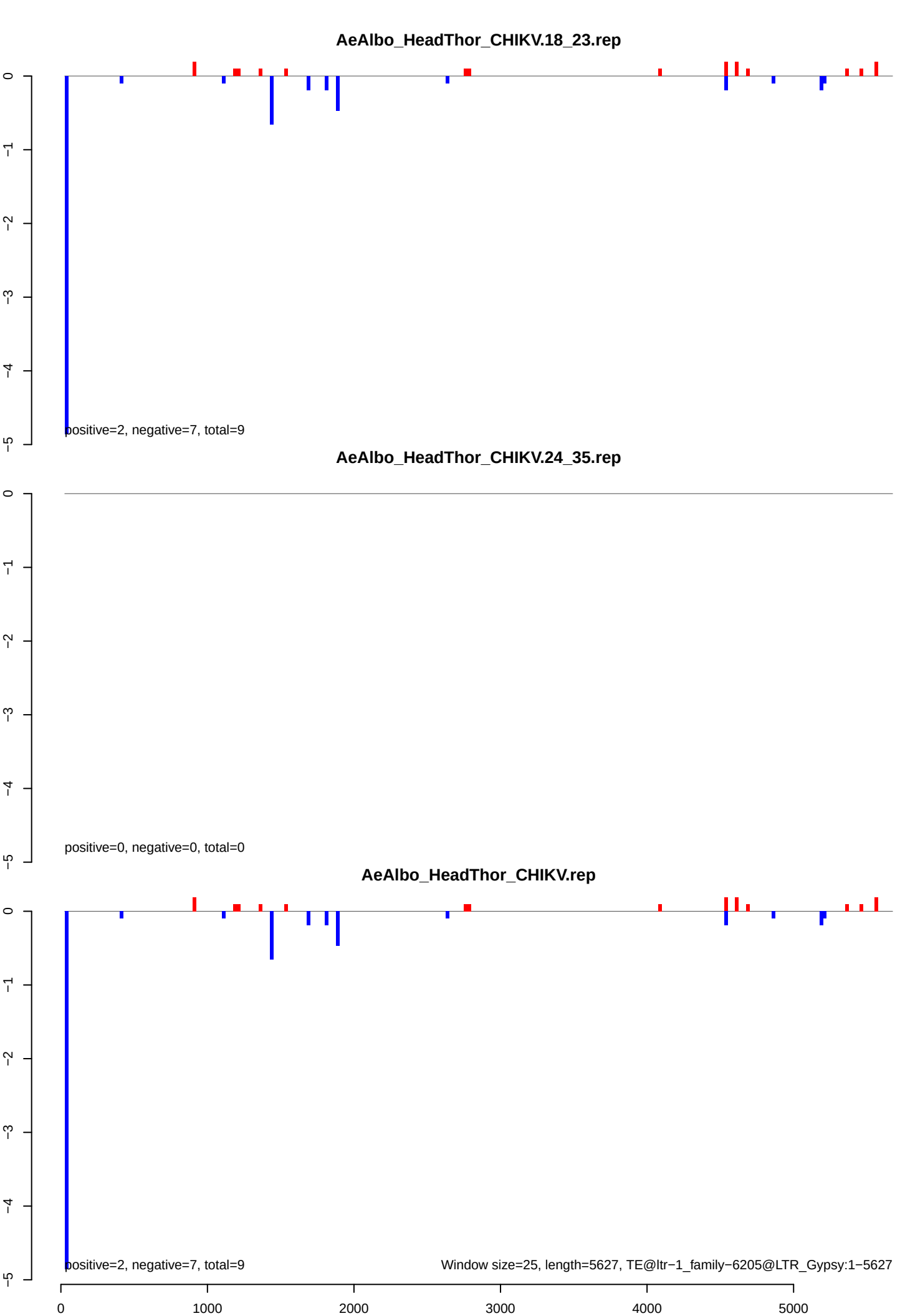

AeAlbo_HeadThor_CHIKV.24_35.rep
30
20
10
0
−10
−20
−30
positive=2, negative=2, total=4

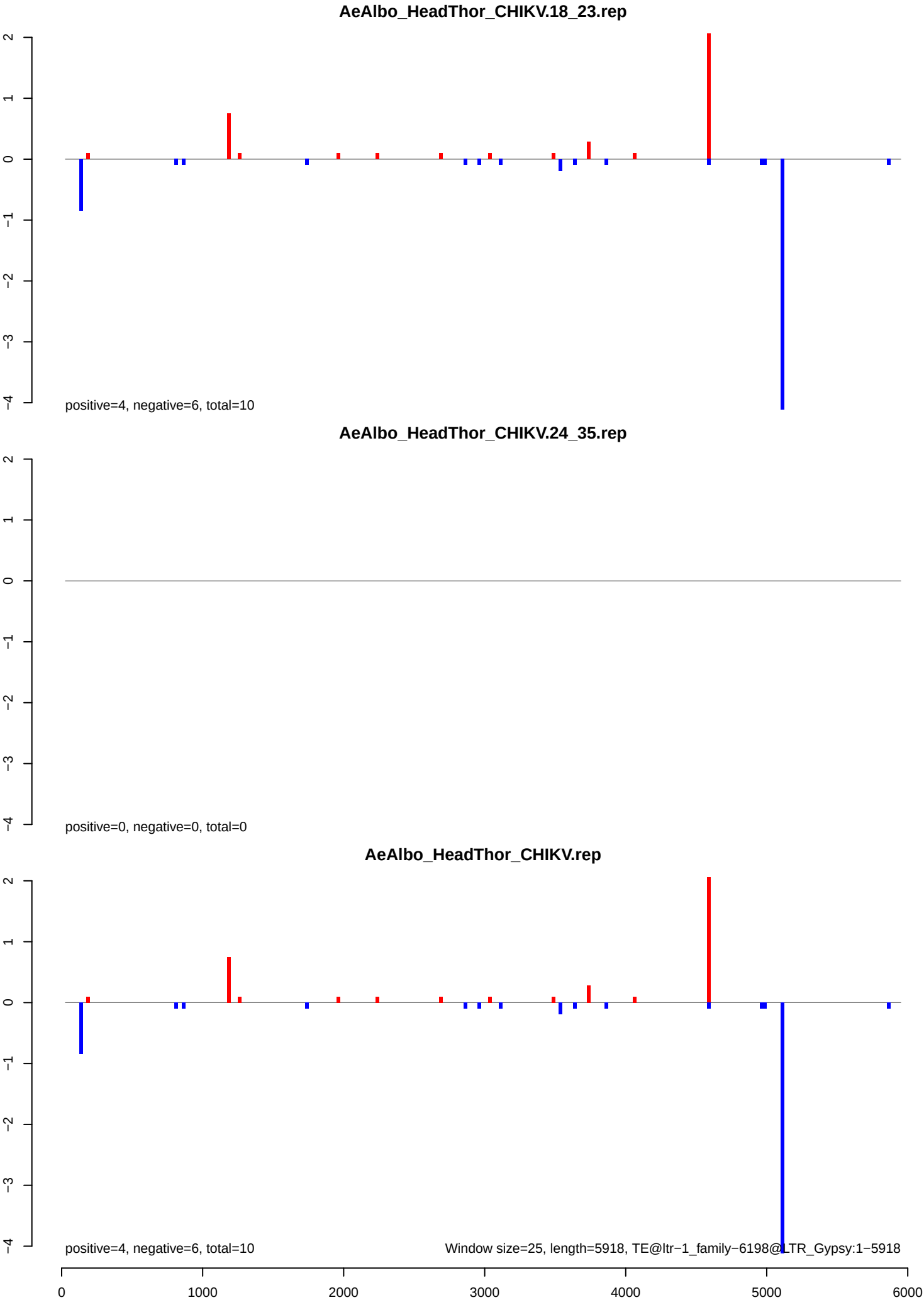

AeAlbo_HeadThor_CHIKV.rep
30
20
10
0
−10
−20
−30
positive=68, negative=78, total=147
Window size=25, length=667, TE@rnd−4_family−295@DNA_CMC−Chapaev−3:1−667
0
100
200
300
400
500
600
700

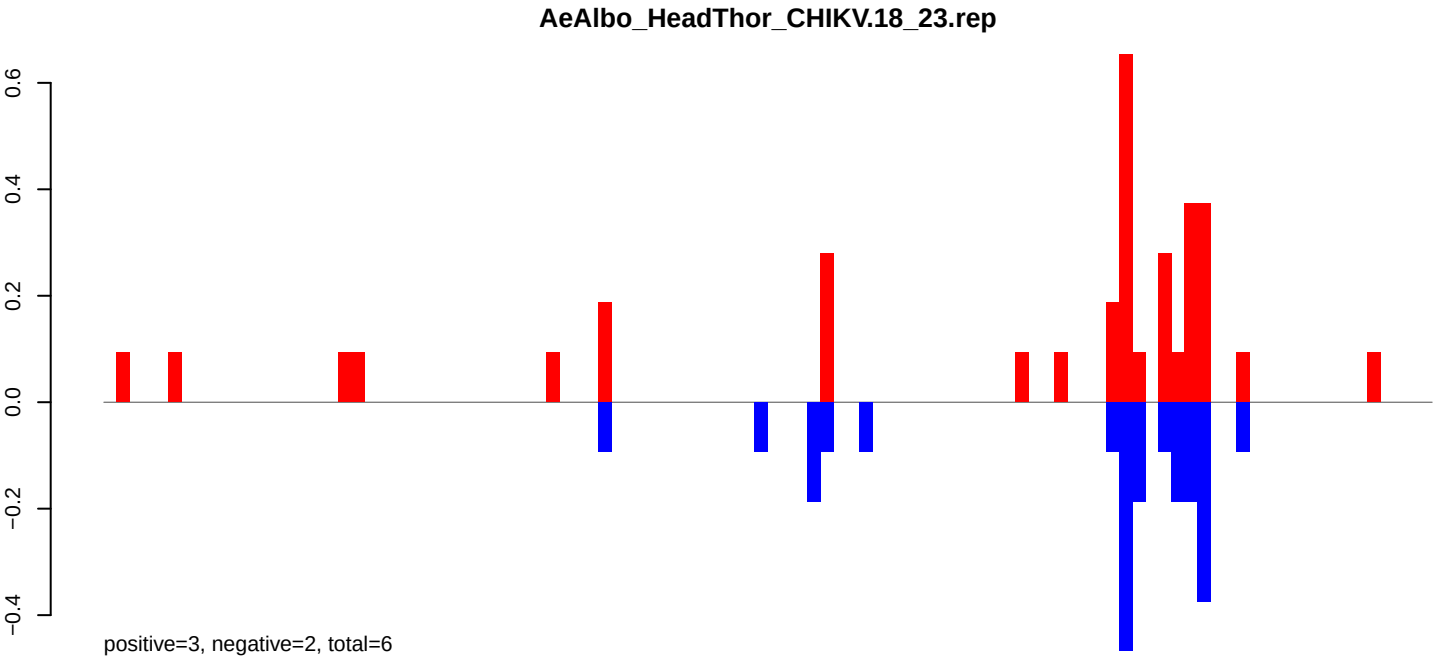

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=5, negative=6, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=5, negative=7, total=12
Window size=25, length=1434, TE@rnd−4_family−1778@Unknown:1−1434
0
500
1000
1500

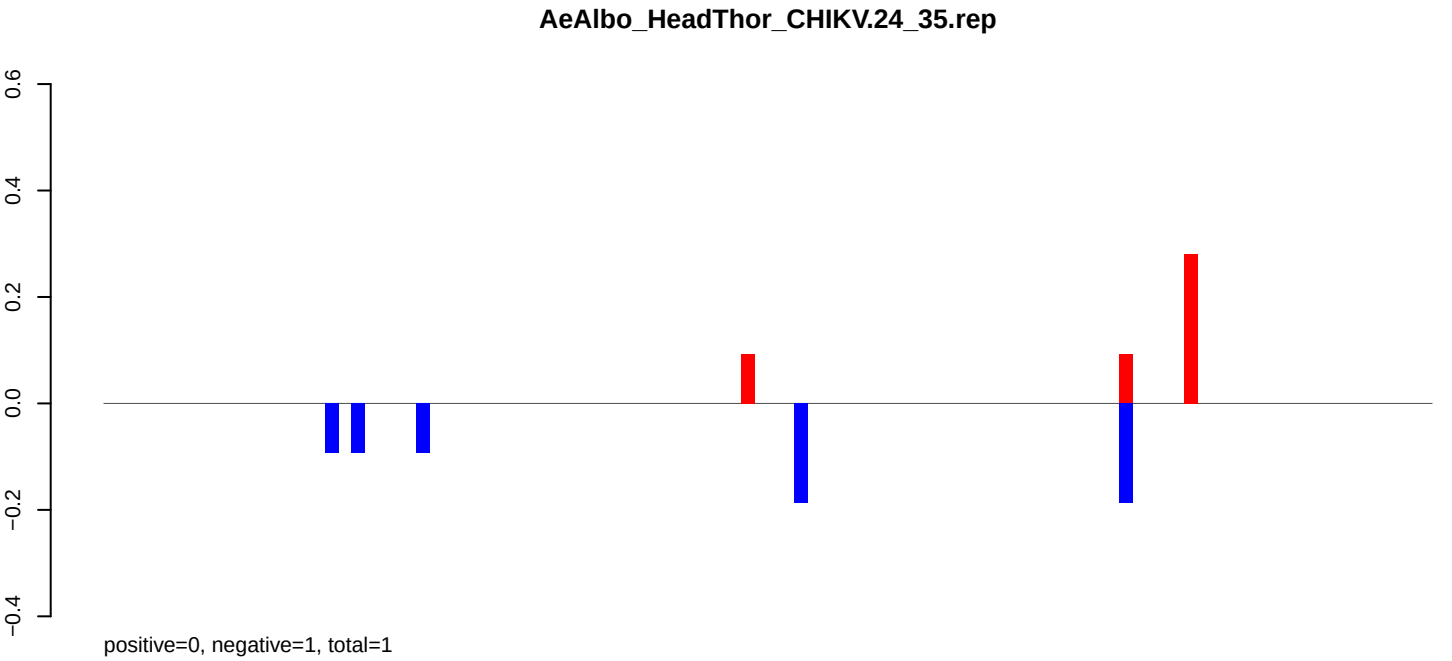

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=5, negative=3, total=8
Window size=25, length=1295, TE@rnd−1_family−425@DNA_Sola−2:1−1295
0
200
400
600
800
1000
1200

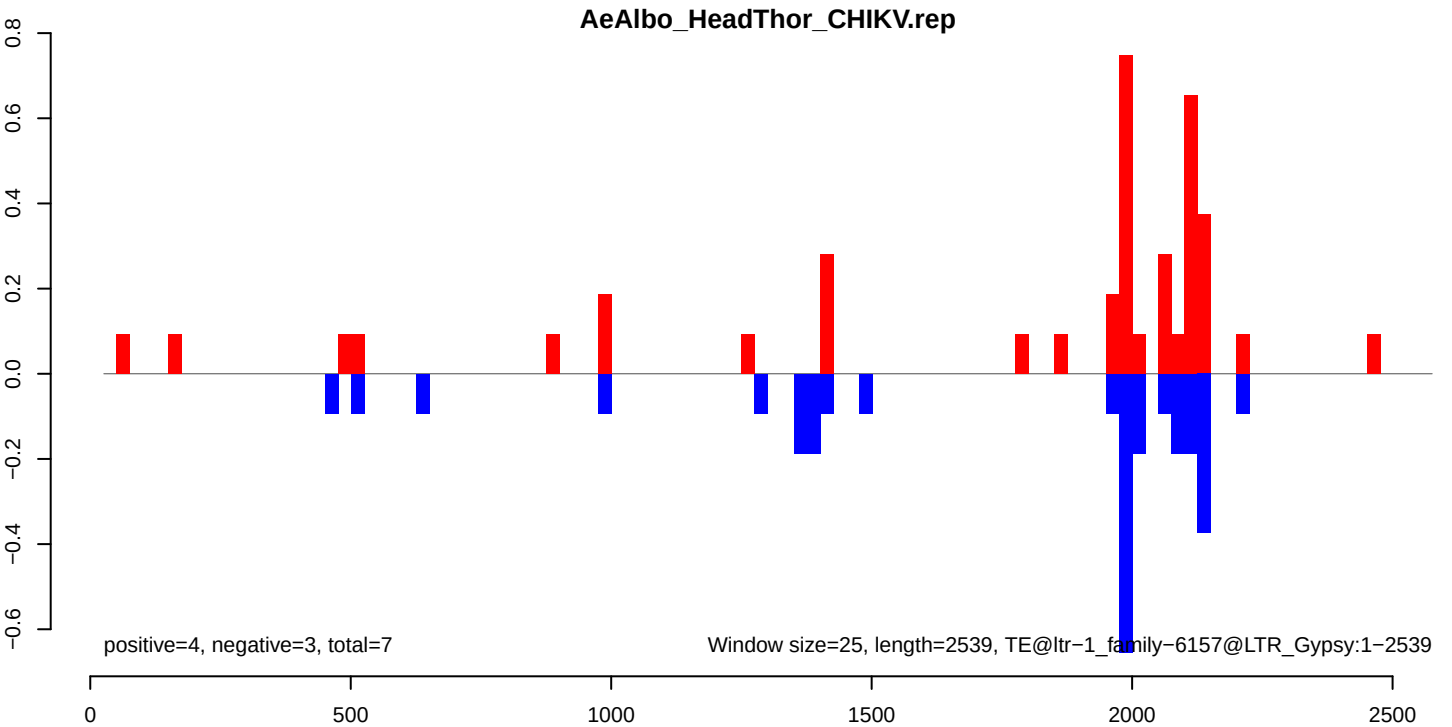

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=3, total=5
Window size=25, length=6623, TE@ltr−1_family−6242@LTR_Pao:1−6623
0
1000
2000
3000
4000
5000
6000

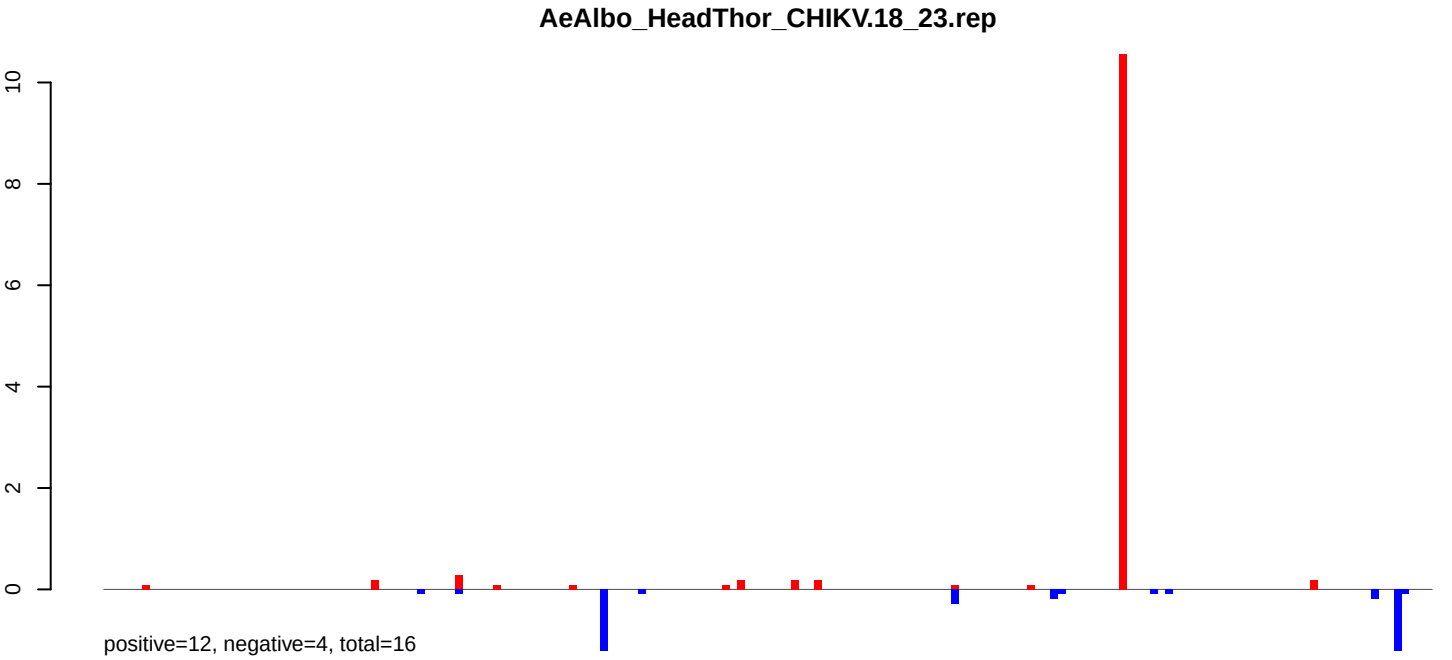

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=2, negative=7, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=2, negative=7, total=9
Window size=25, length=5627, TE@ltr−1_family−6205@LTR_Gypsy:1−5627
0
1000
2000
3000
4000
5000

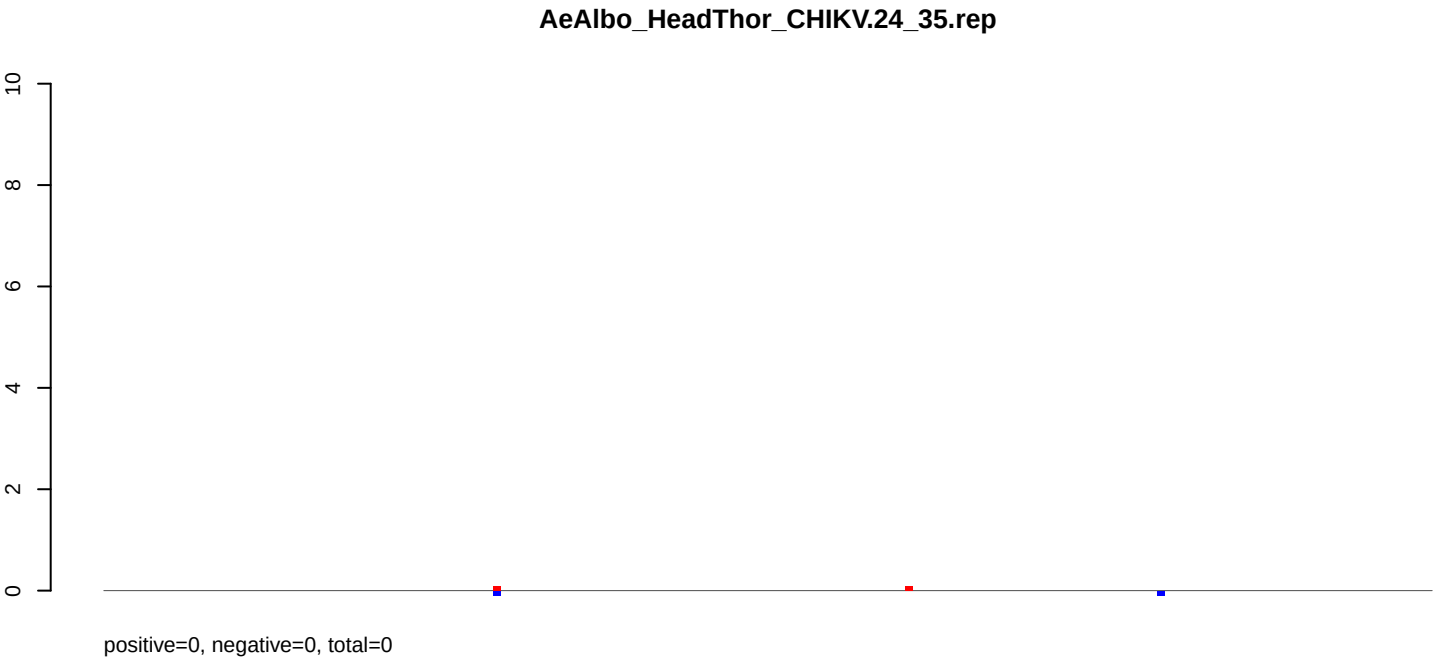

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=6, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=6, total=10
Window size=25, length=5918, TE@ltr−1_family−6198@LTR_Gypsy:1−5918
2
1
0
−1
−2
−3
−4
0
1000
2000
3000
4000
5000
6000

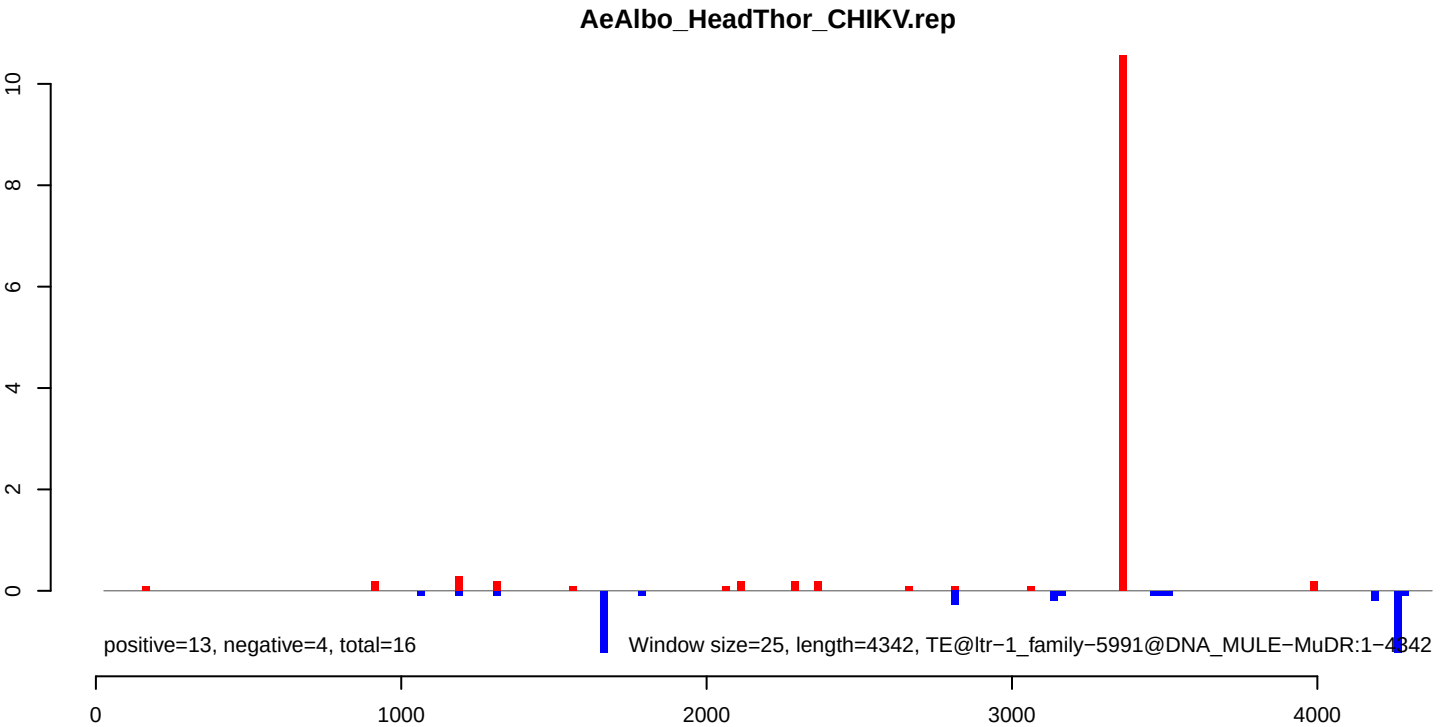

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=2, total=6

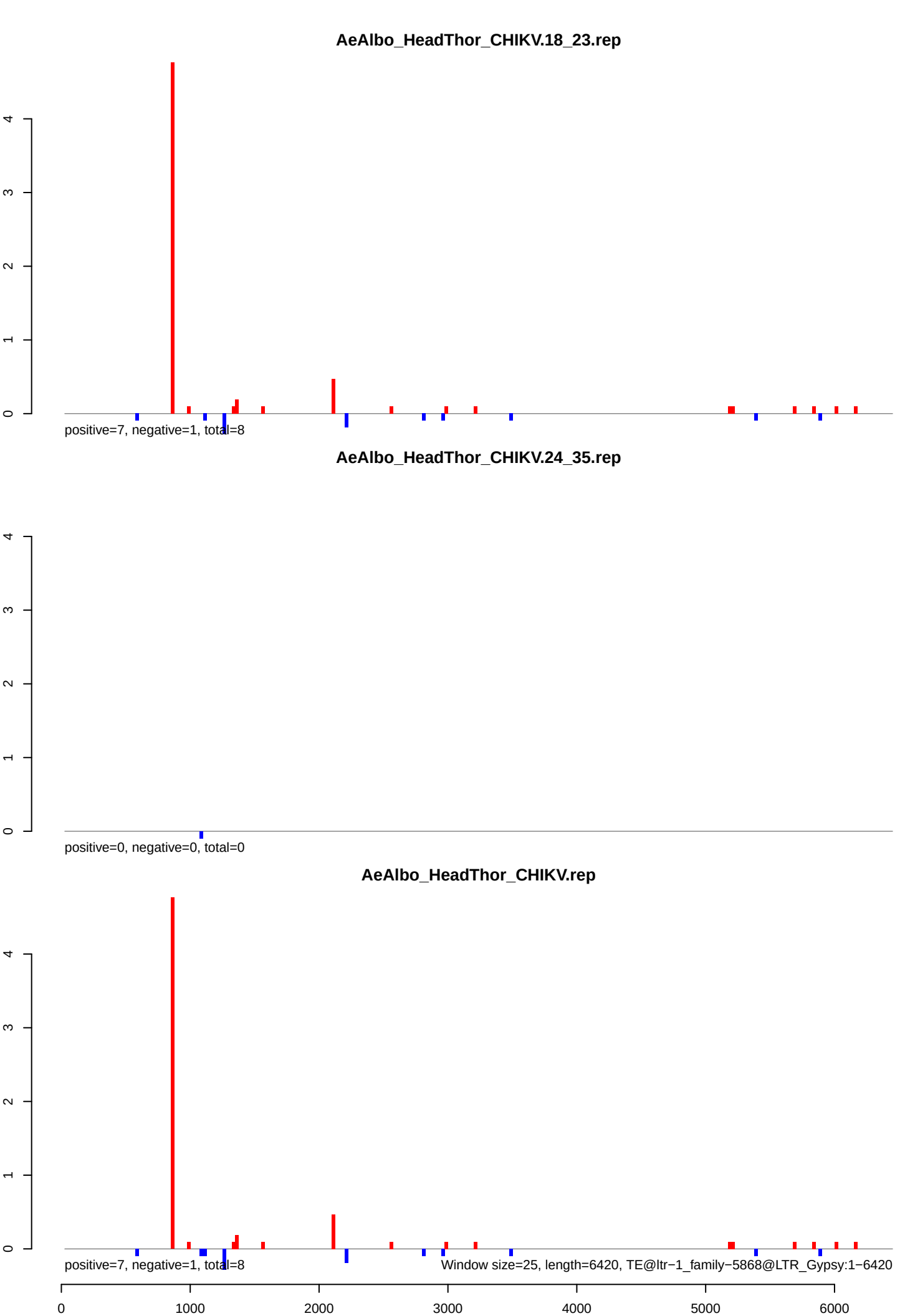

AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1

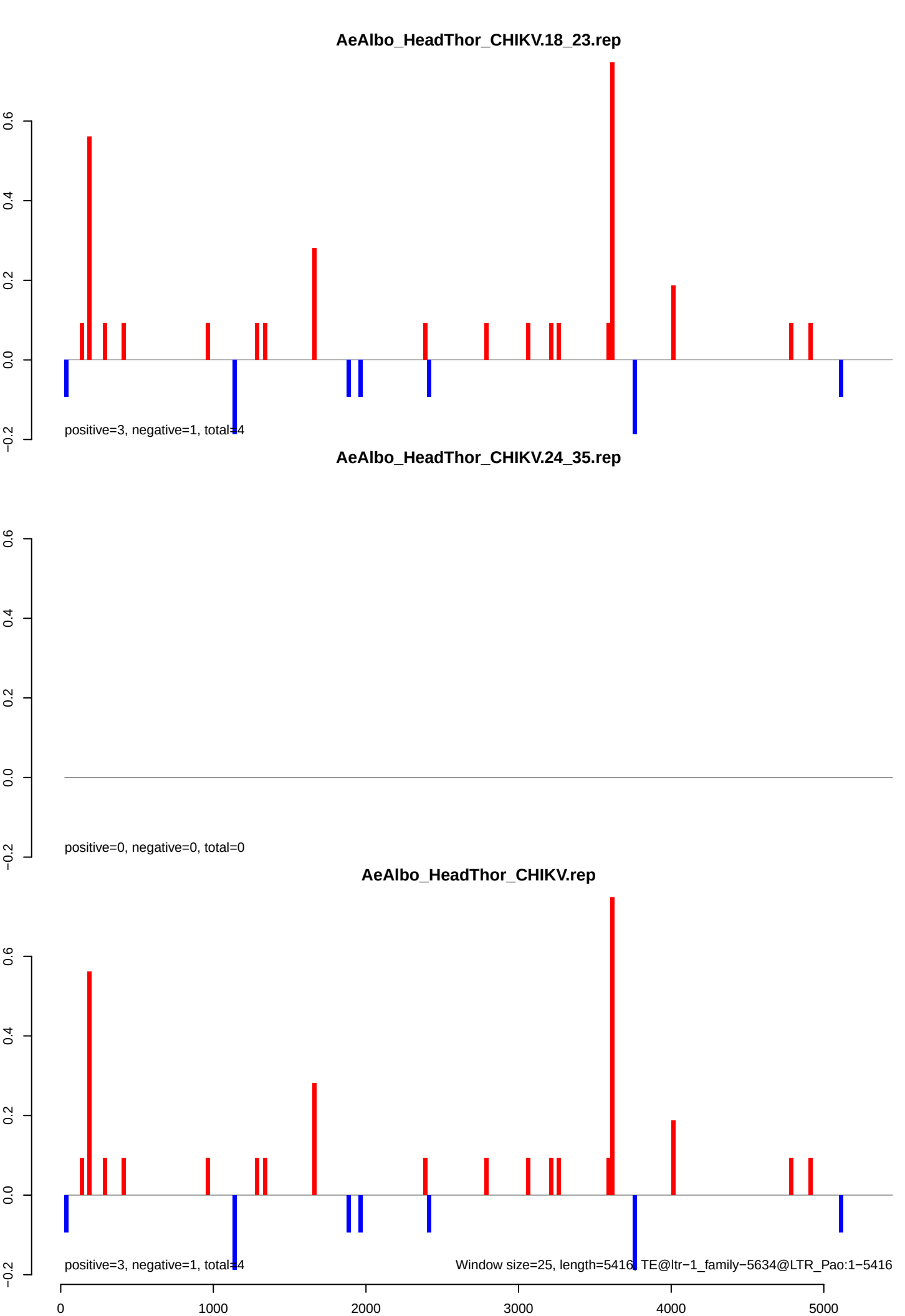

AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=4, negative=3, total=7
Window size=25, length=2539, TE@ltr−1_family−6157@LTR_Gypsy:1−2539
0
500
1000
1500
2000
2500

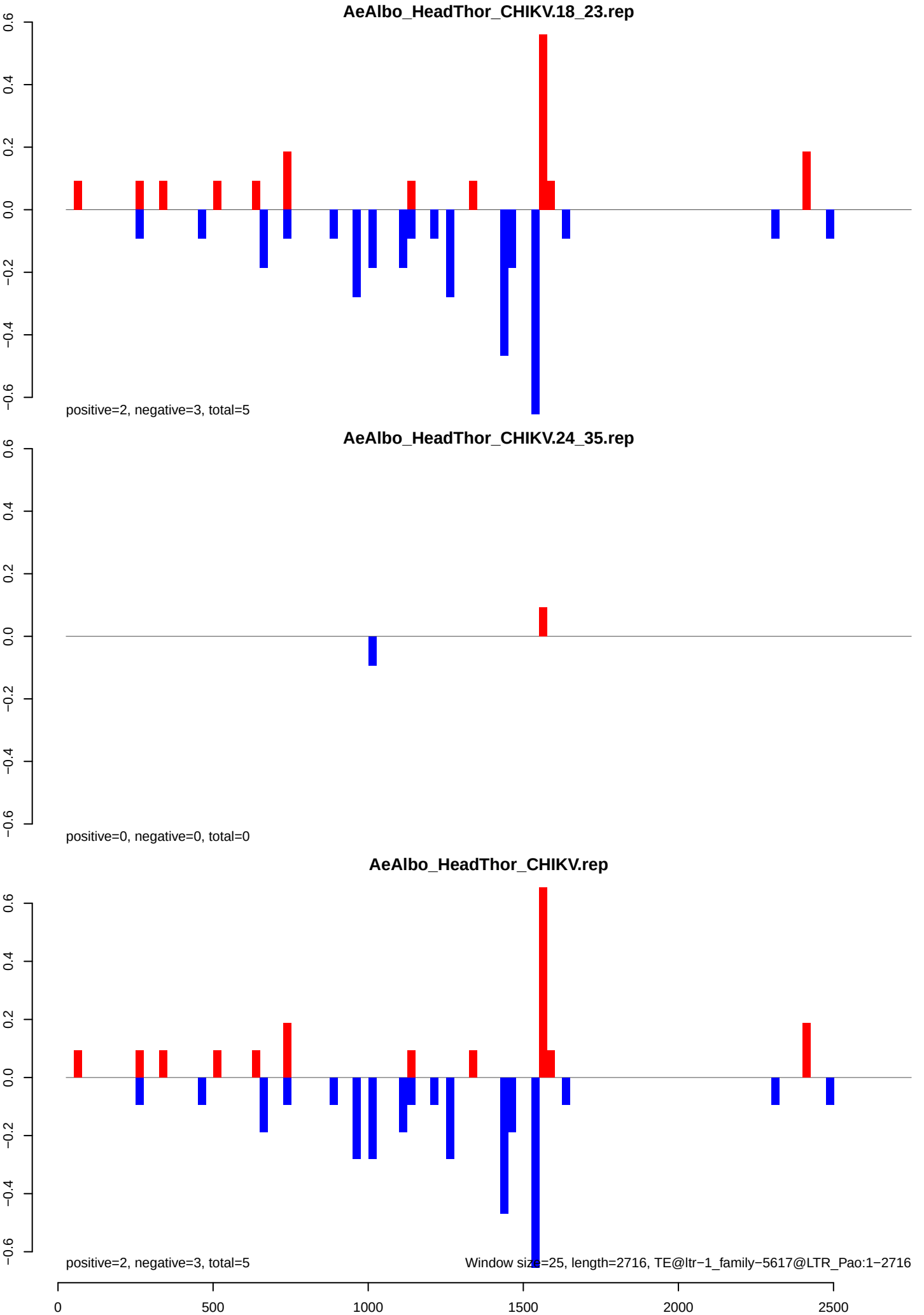

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
10
positive=12, negative=4, total=16

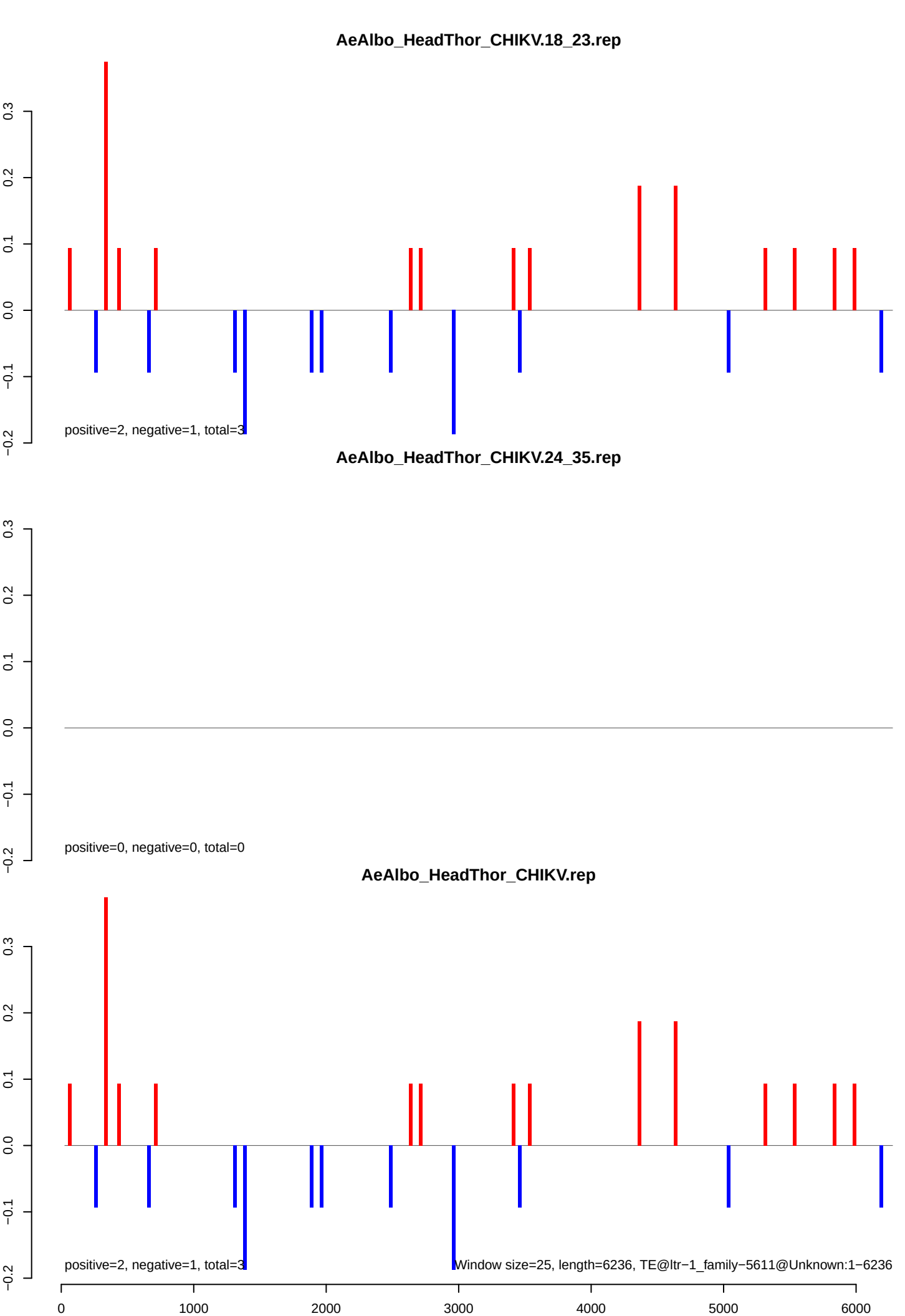

AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
10
positive=0, negative=0, total=0

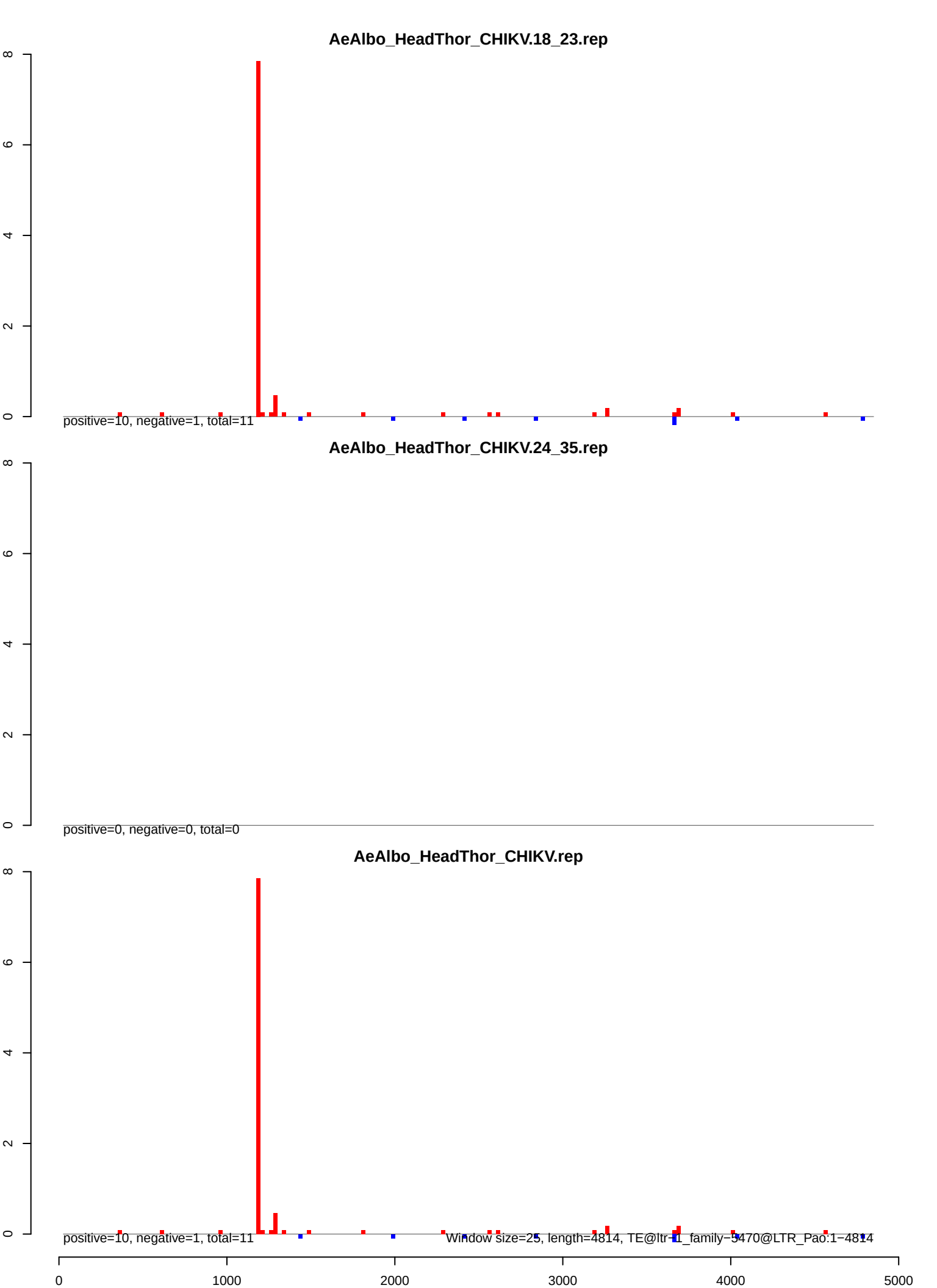

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
10
positive=13, negative=4, total=16
Window size=25, length=4342, TE@ltr−1_family−5991@DNA_MULE−MuDR:1−4342
0
1000
2000
3000
4000

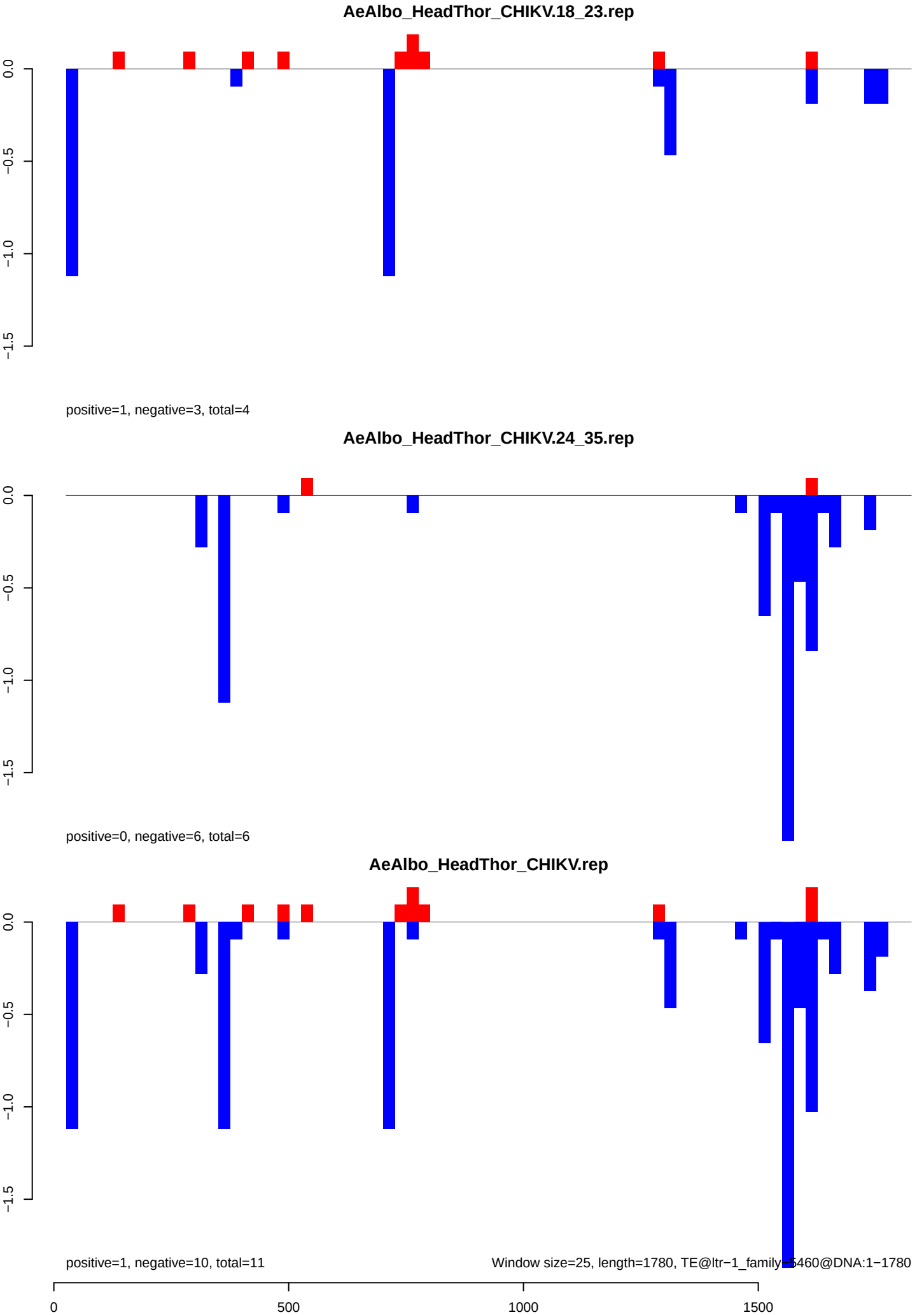

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=7, negative=1, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=7, negative=1, total=8
Window size=25, length=6420, TE@ltr−1_family−5868@LTR_Gypsy:1−6420
0
1000
2000
3000
4000
5000
6000

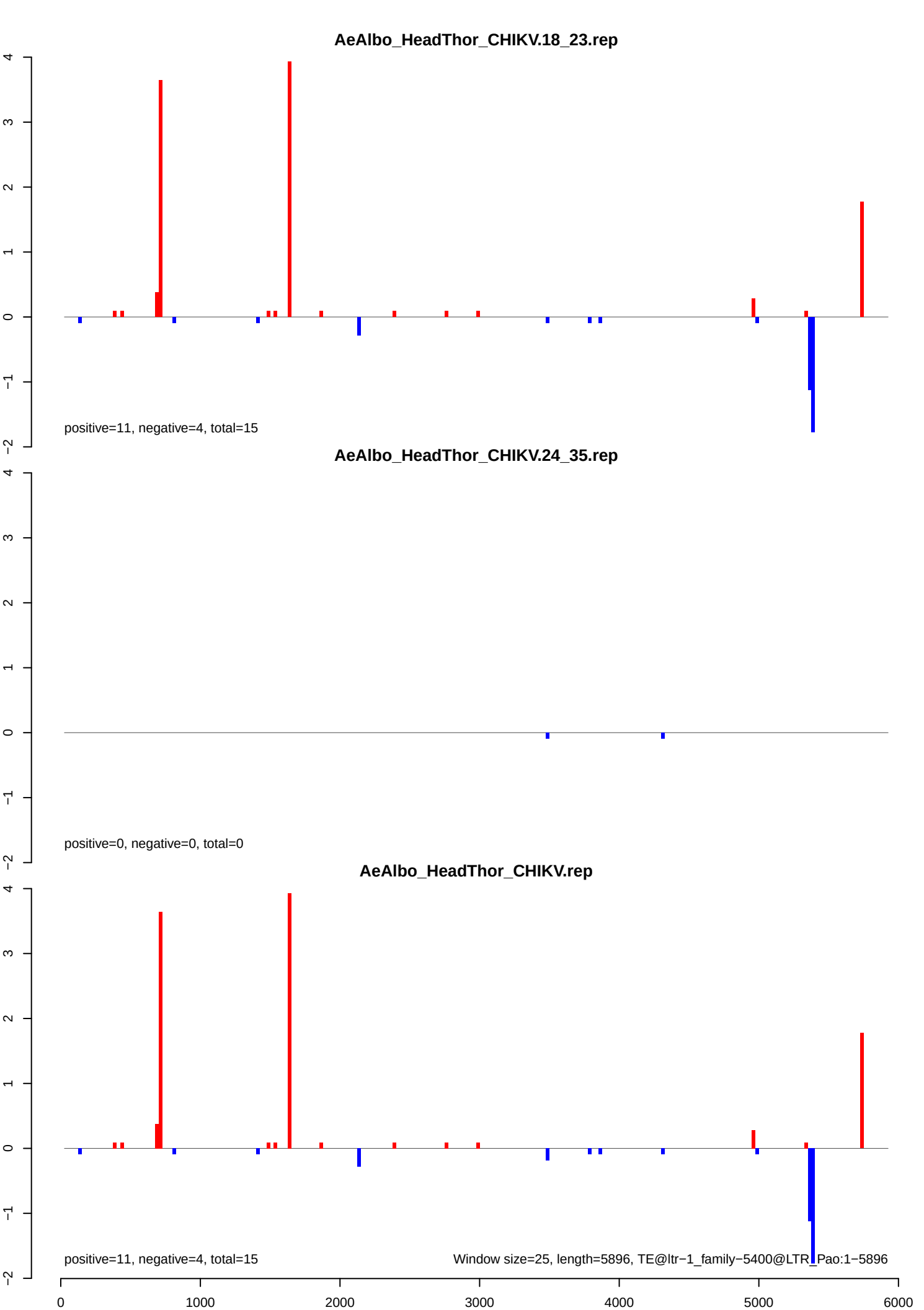

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
Window size=25, length=5416, TE@ltr−1_family−5634@LTR_Pao:1−5416
0
1000
2000
3000
4000
5000

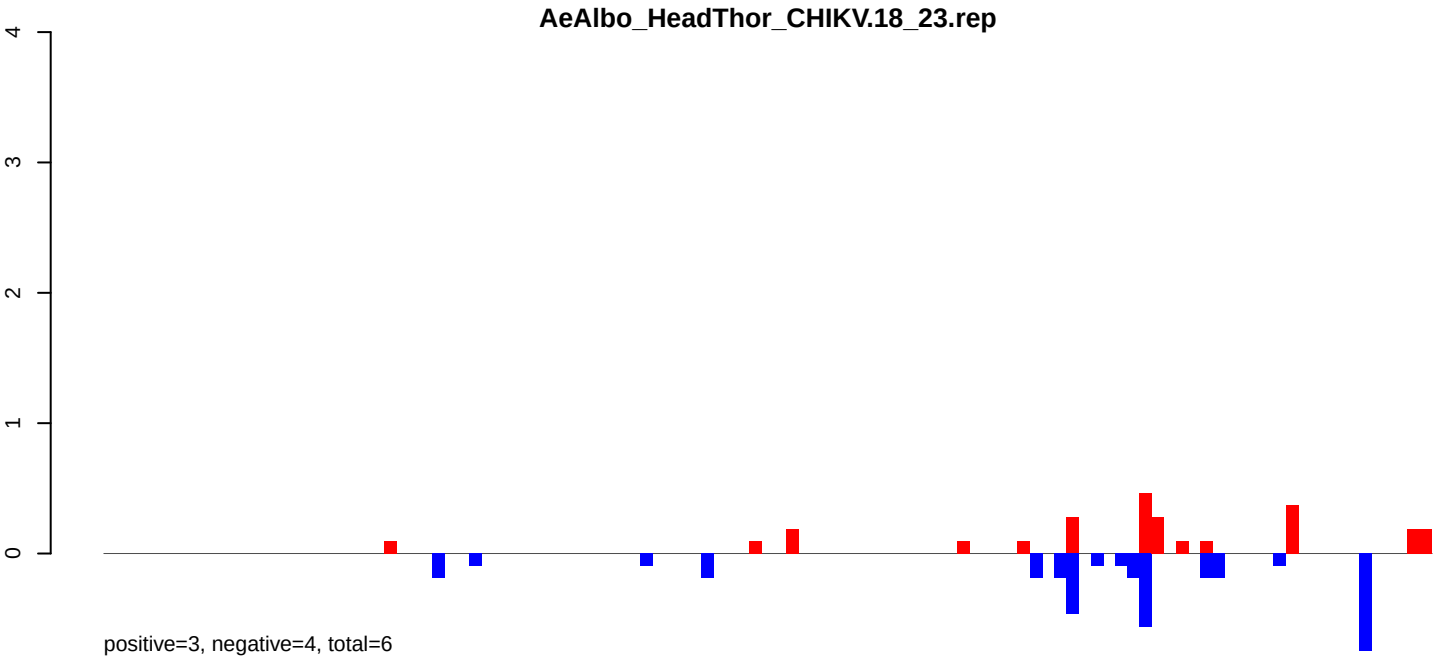

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=5
Window size=25, length=2716, TE@ltr−1_family−5617@LTR_Pao:1−2716
0
500
1000
1500
2000
2500

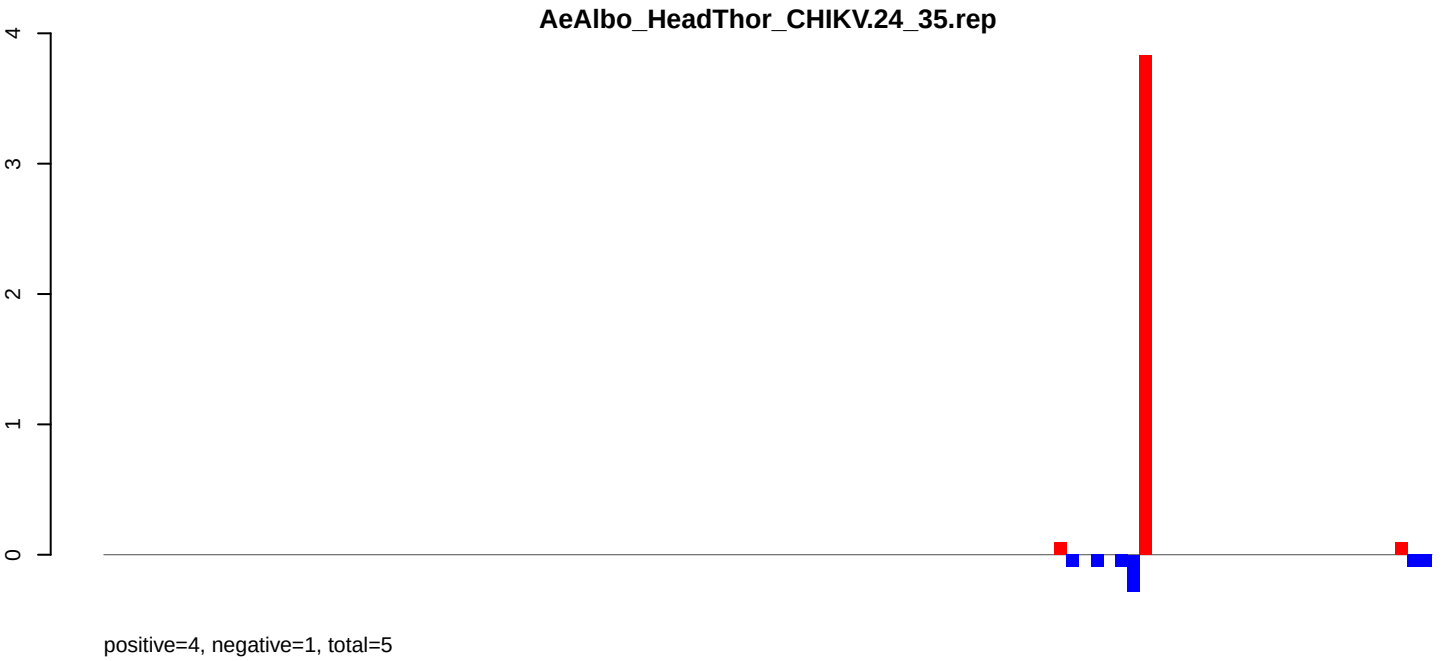

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=6236, TE@ltr−1_family−5611@Unknown:1−6236
0.3
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000
5000
6000

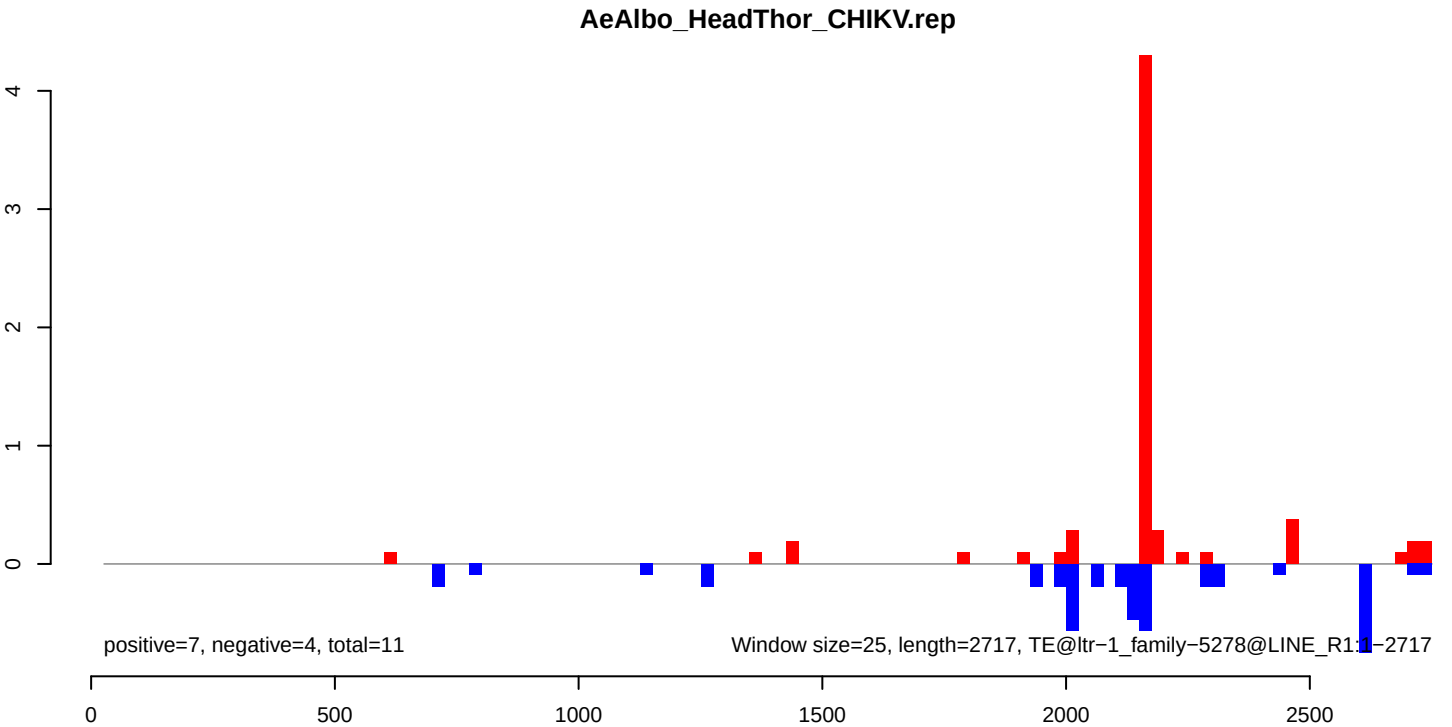

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
positive=10, negative=1, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
positive=10, negative=1, total=11
Window size=25, length=4814, TE@ltr_1_family_5470@LTR_Pao:1−4814
0
1000
2000
3000
4000
5000

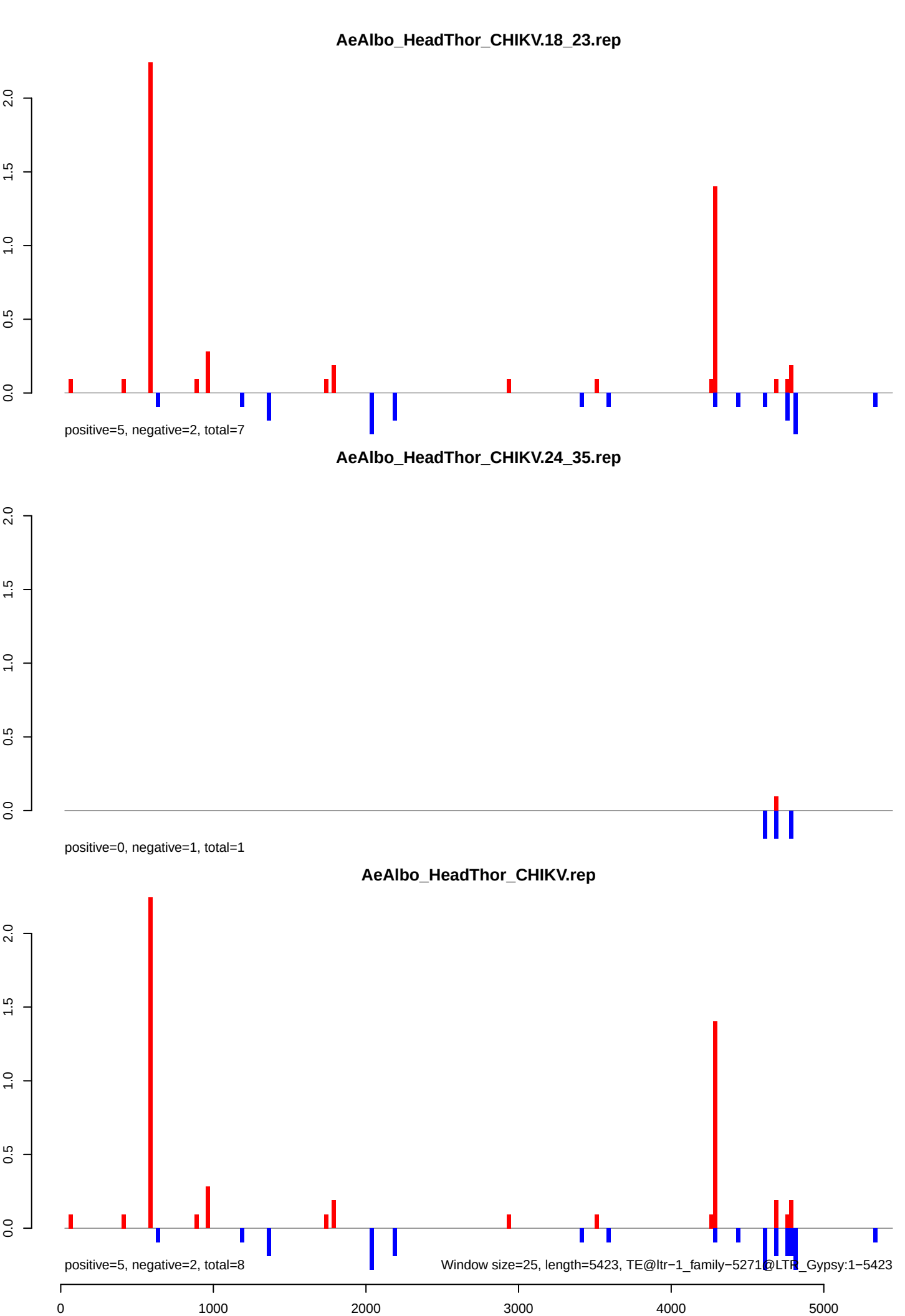

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=6, total=6
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=10, total=11
Window size=25, length=1780, TE@ltr−1_family−5460@DNA:1−1780
0
500
1000
1500

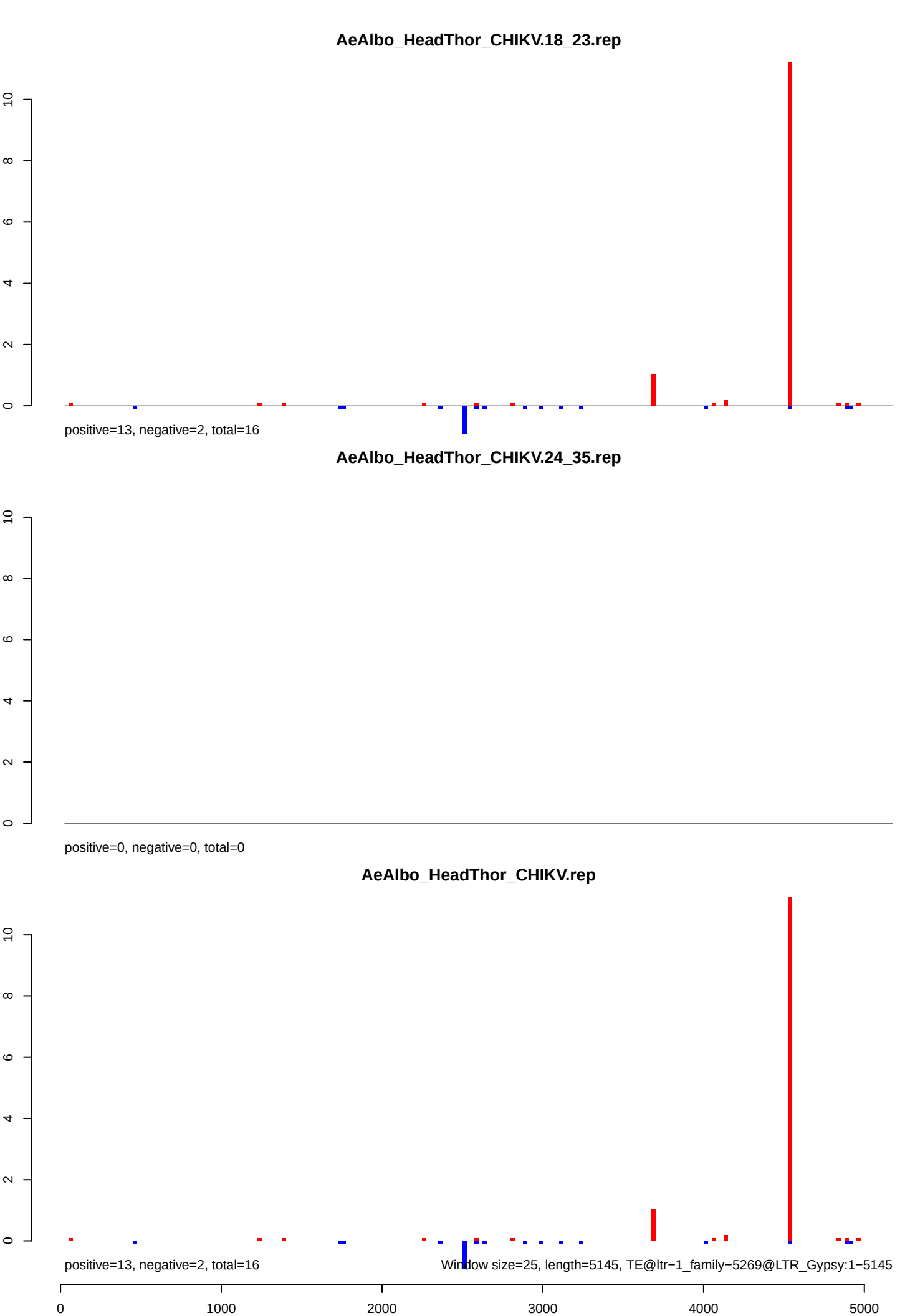

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=4, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=4, total=15
Window size=25, length=5896, TE@ltr−1_family−5400@LTR_Pao:1−5896
4
3
2
1
0
−1
−2
0
1000
2000
3000
4000
5000
6000

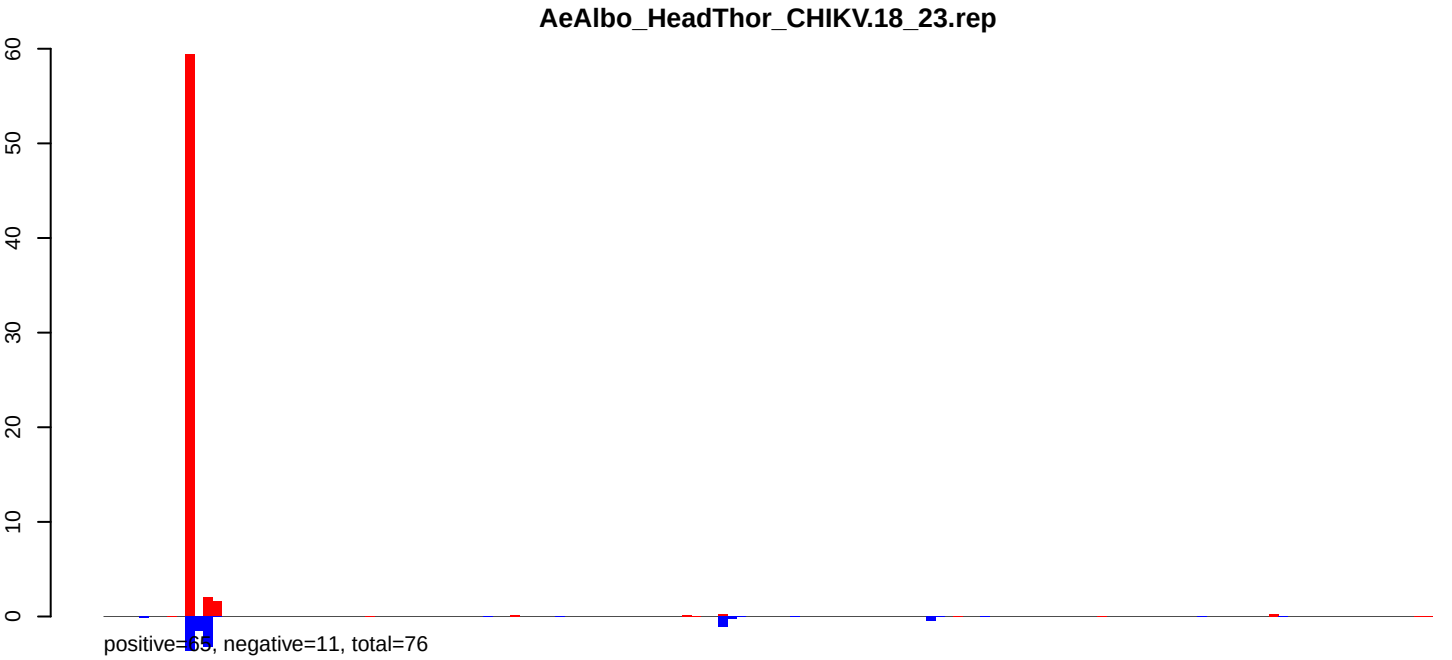

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=3, negative=4, total=6

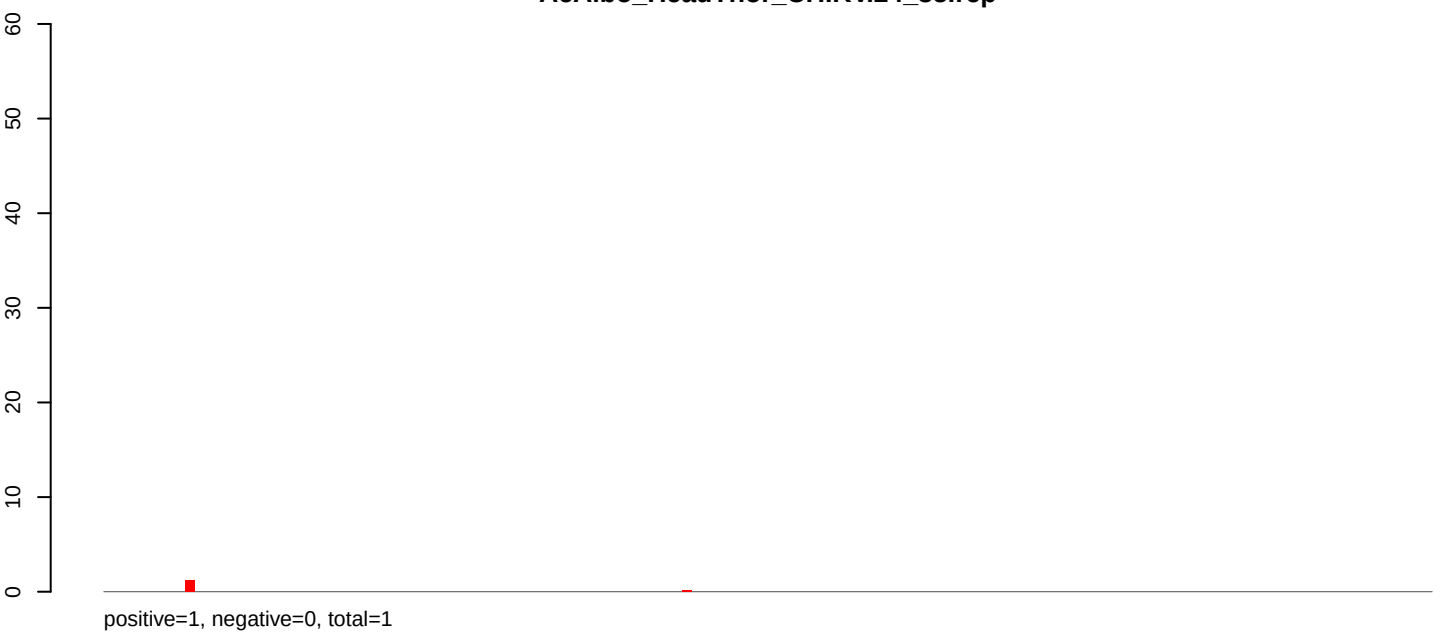

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=4, negative=1, total=5

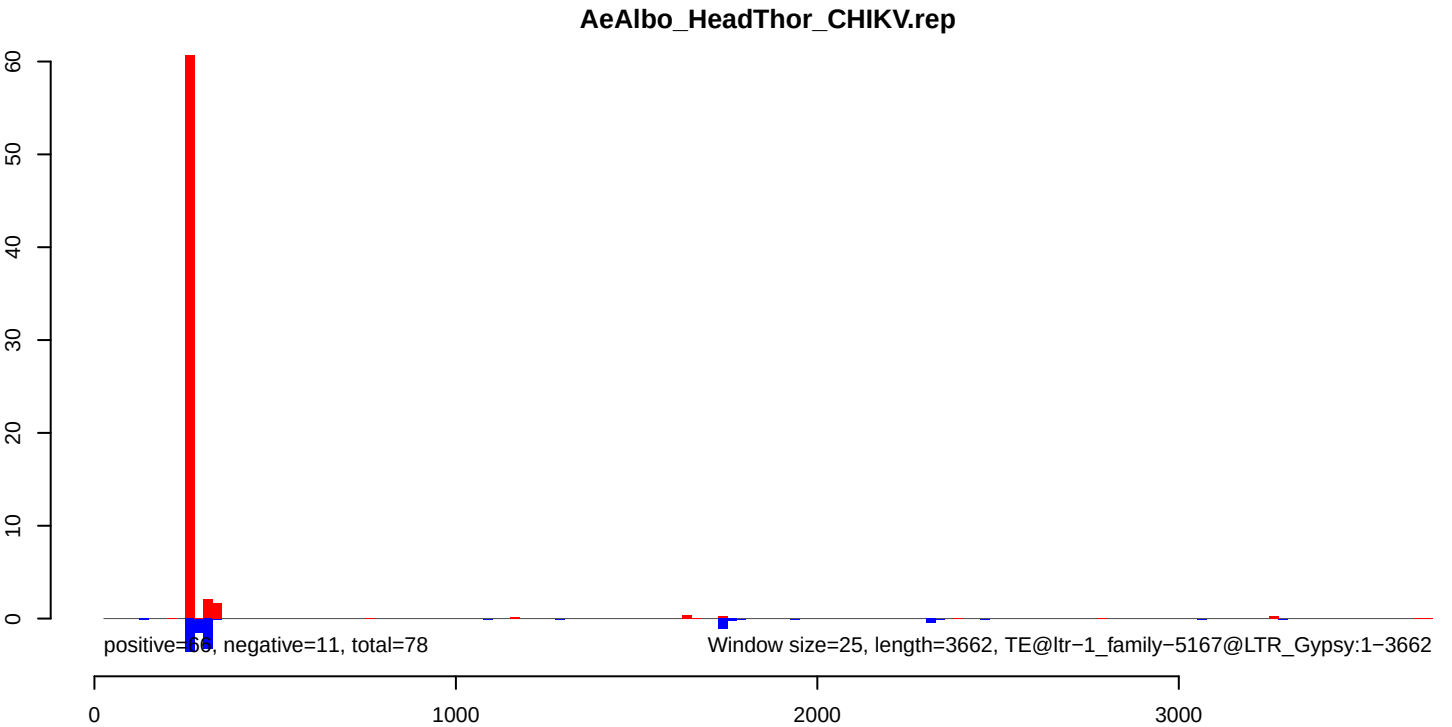

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=7, negative=4, total=11
Window size=25, length=2717, TE@ltr−1_family−5278@LINE_R1:1−2717
0
500
1000
1500
2000
2500

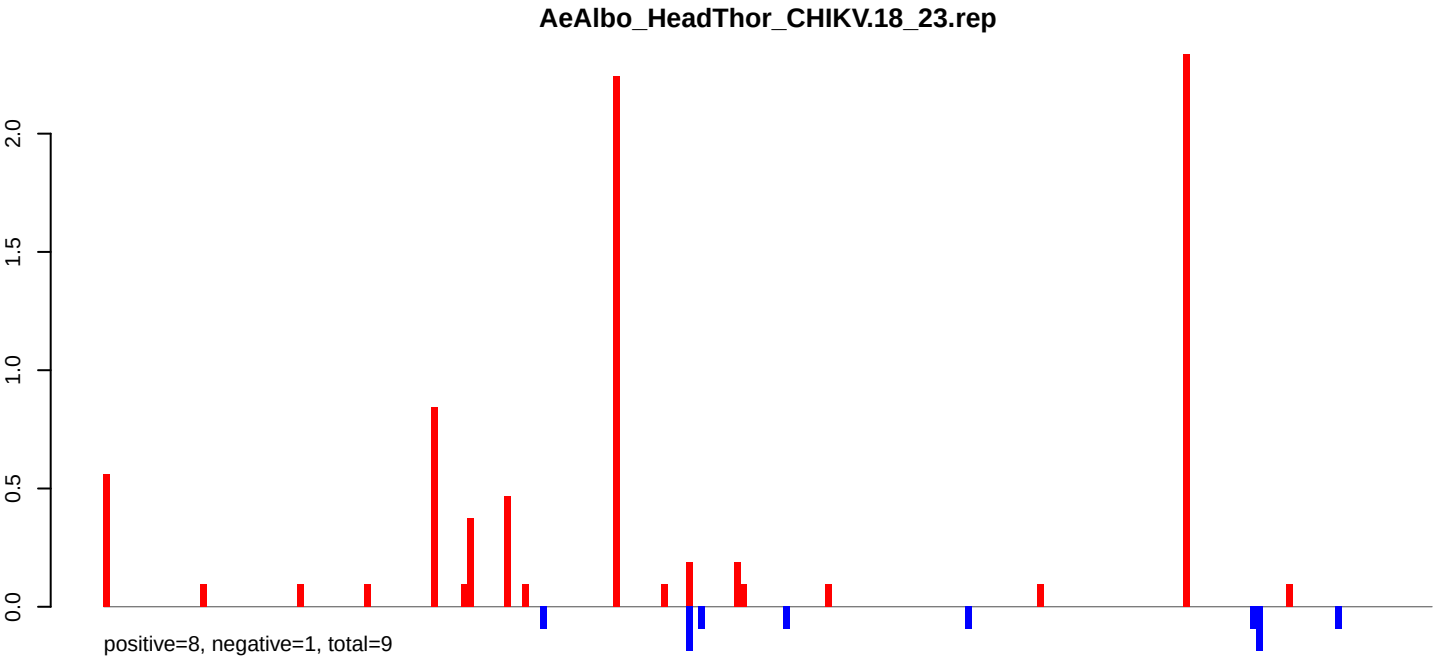

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
positive=5, negative=2, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
positive=5, negative=2, total=8
Window size=25, length=5423, TE@ltr−1_family−5271@LTR_Gypsy:1−5423
0
1000
2000
3000
4000
5000

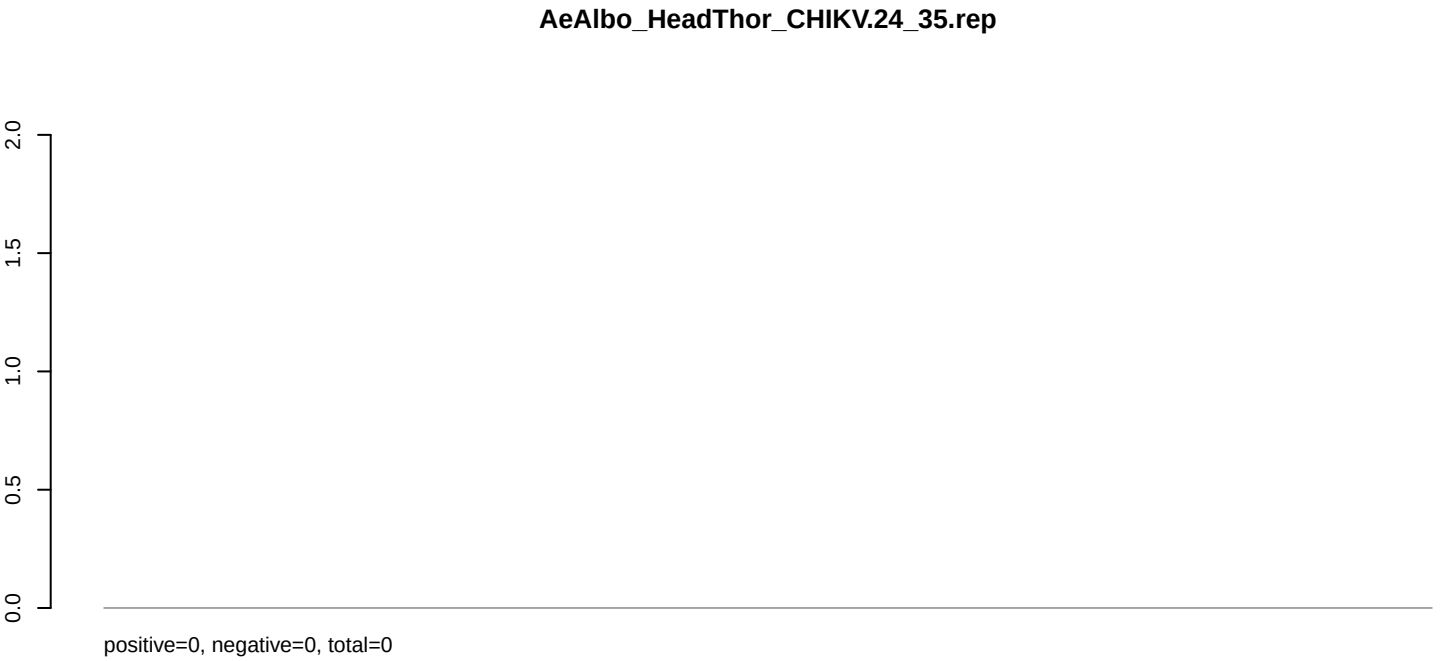

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
10
positive=13, negative=2, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
10
positive=13, negative=2, total=16
Window size=25, length=5145, TE@ltr−1_family−5269@LTR_Gypsy:1−5145
0
1000
2000
3000
4000
5000

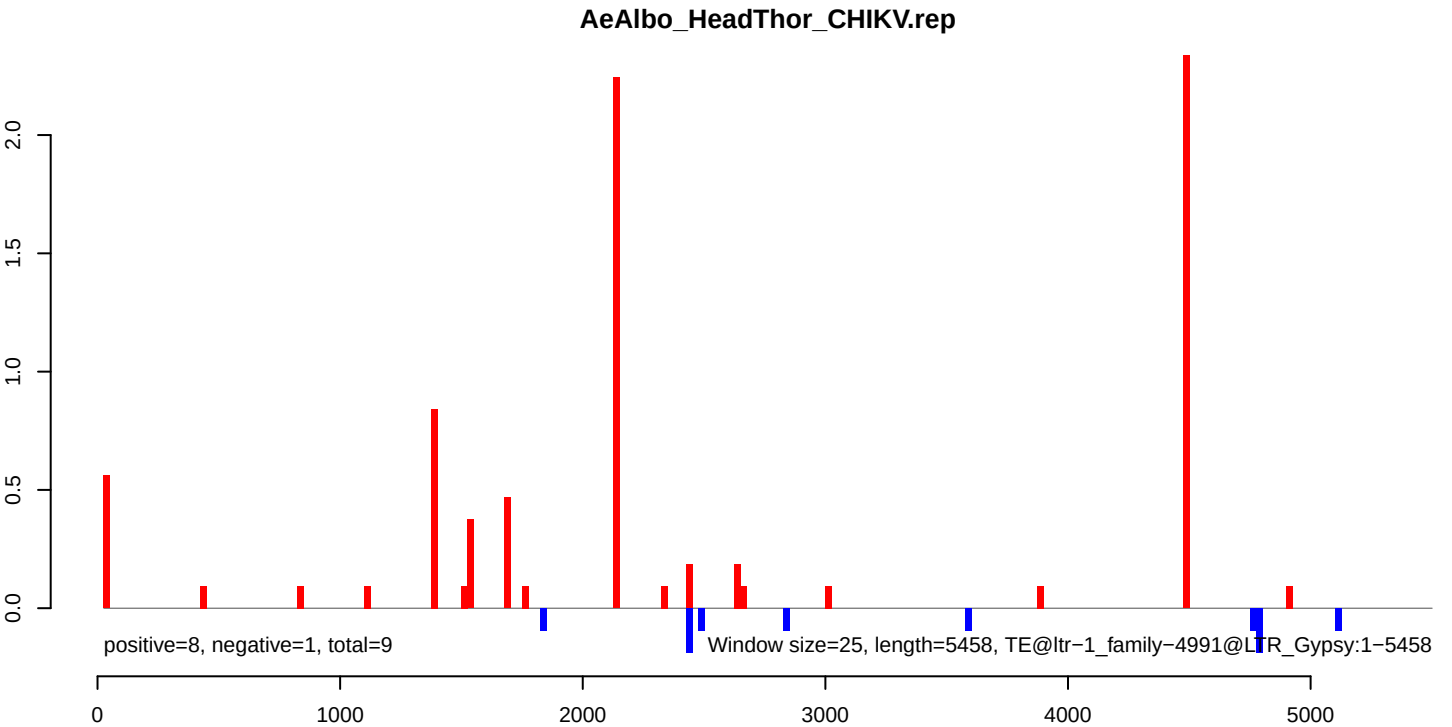

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
50
60
positive=65, negative=11, total=76

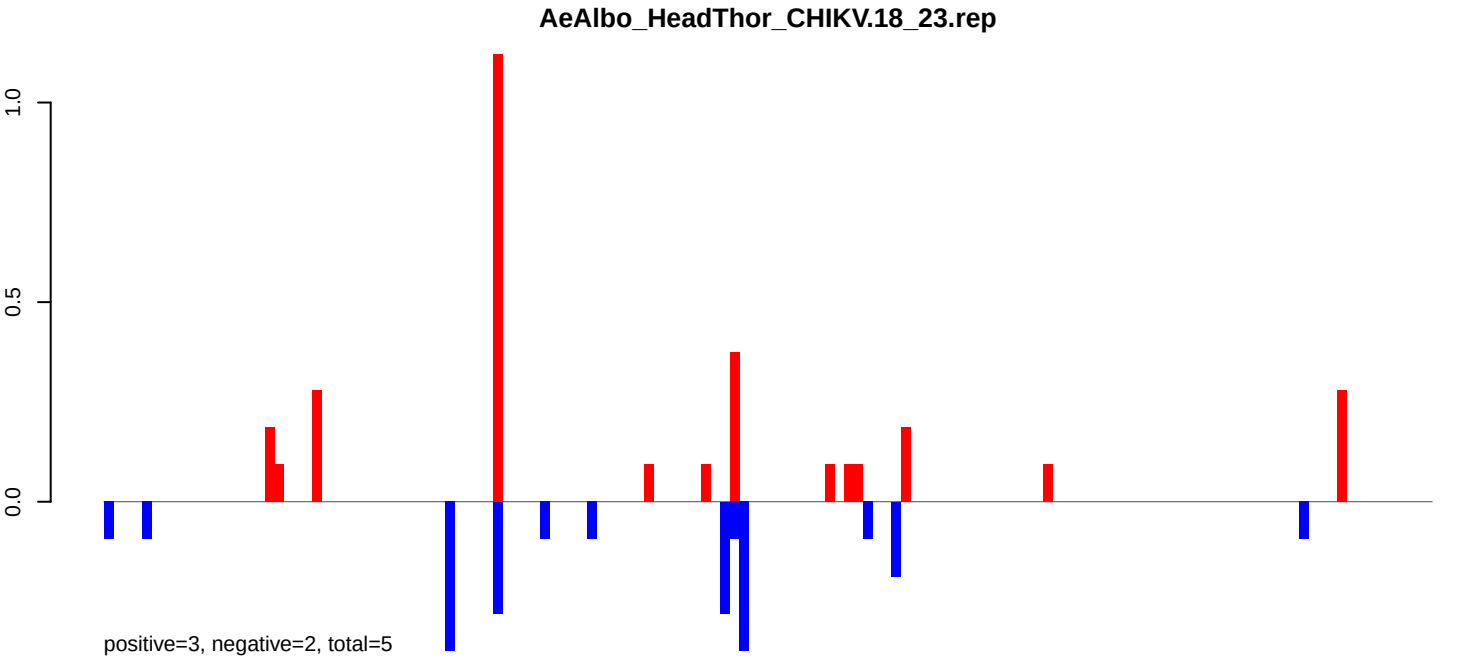

AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
50
60
positive=1, negative=0, total=1

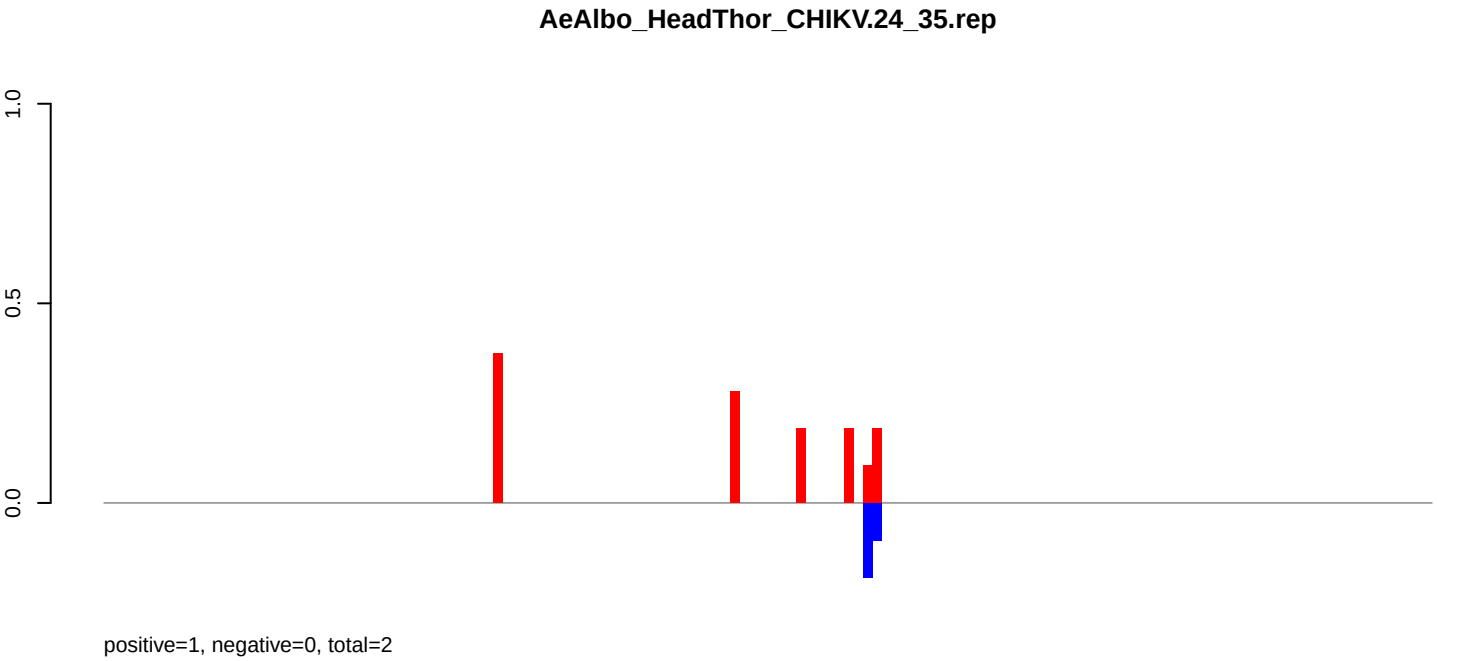

AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
50
60
positive=66, negative=11, total=78
Window size=25, length=3662, TE@ltr−1_family−5167@LTR_Gypsy:1−3662
0
1000
2000
3000

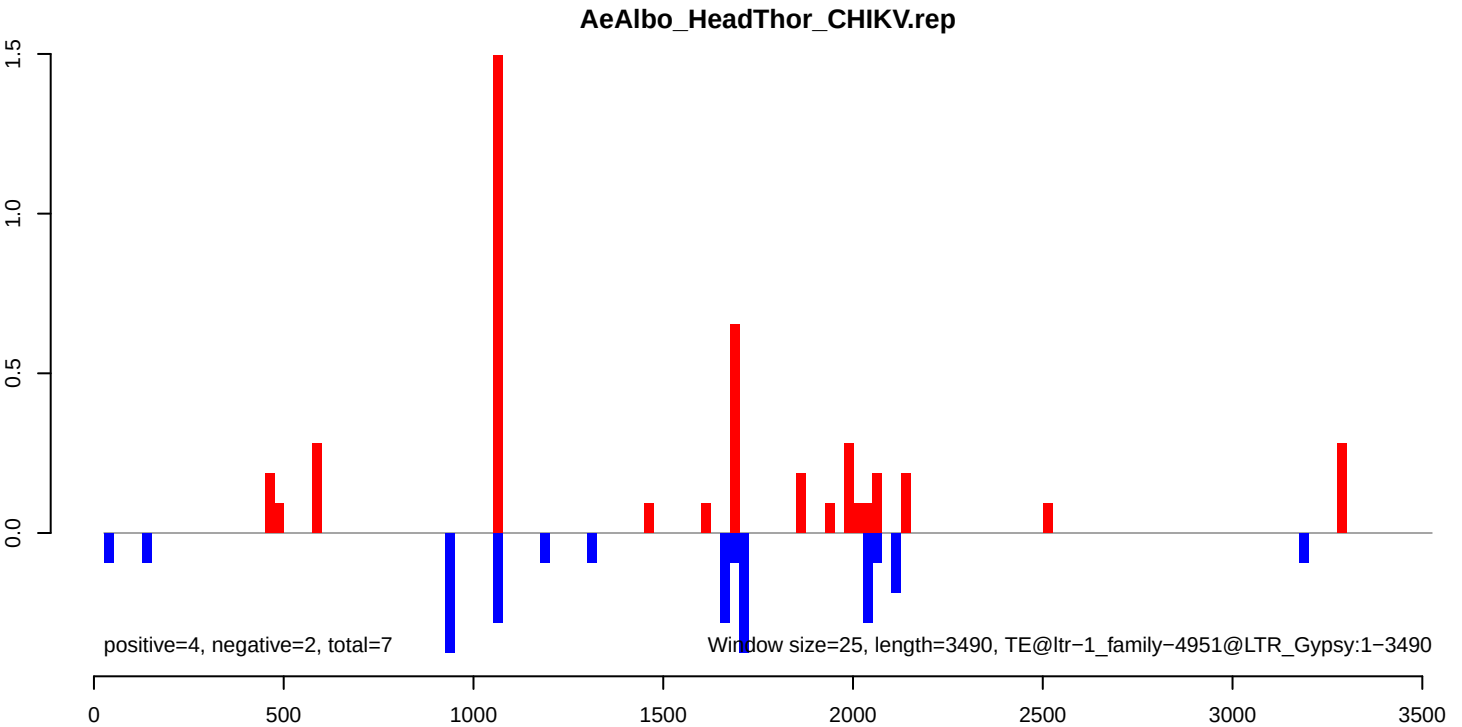

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
positive=8, negative=1, total=9

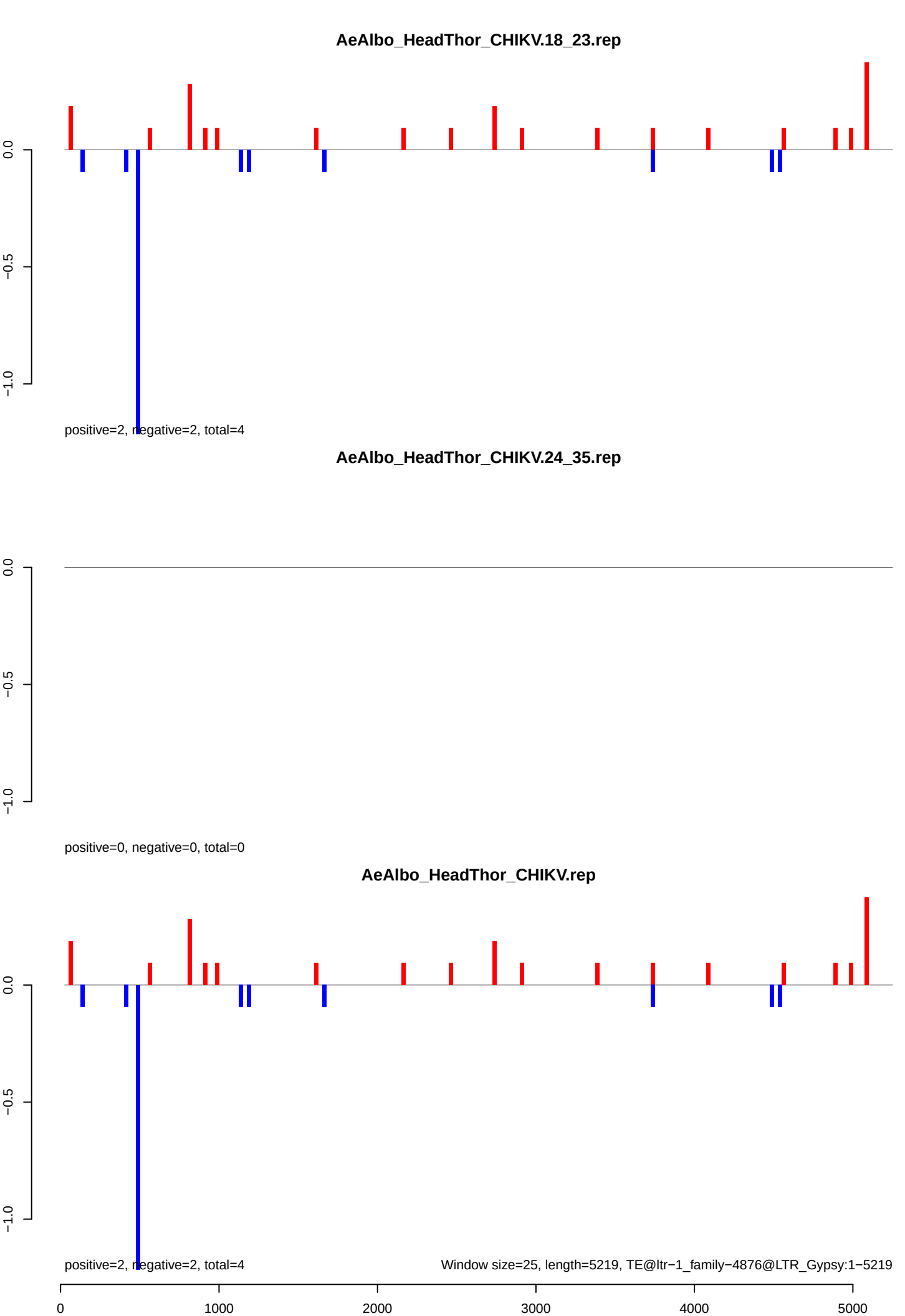

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
positive=8, negative=1, total=9
Window size=25, length=5458, TE@ltr−1_family−4991@LTR_Gypsy:1−5458
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=2, total=5


AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=1, negative=0, total=2


AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=4, negative=2, total=7
Window size=25, length=3490, TE@ltr−1_family−4951@LTR_Gypsy:1−3490
0
500
1000
1500
2000
2500
3000
3500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=2, negative=2, total=4
Window size=25, length=5219, TE@ltr−1_family−4876@LTR_Gypsy:1−5219
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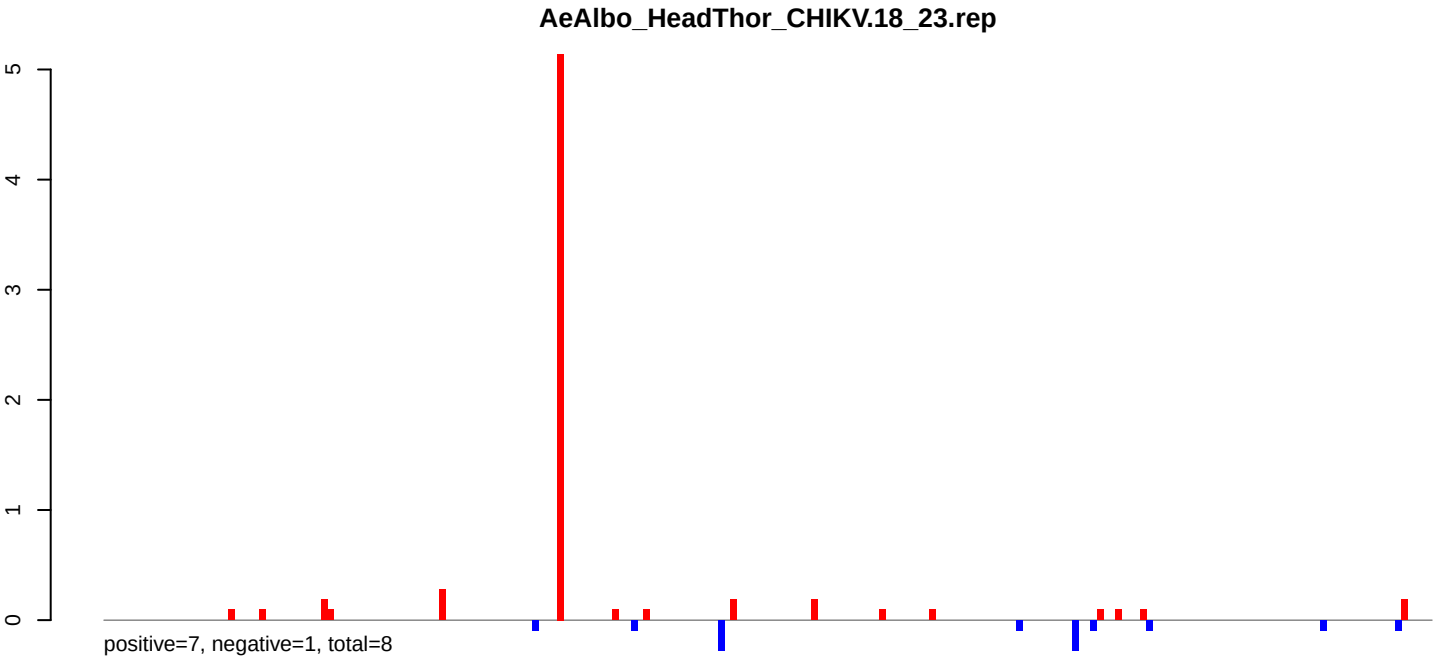
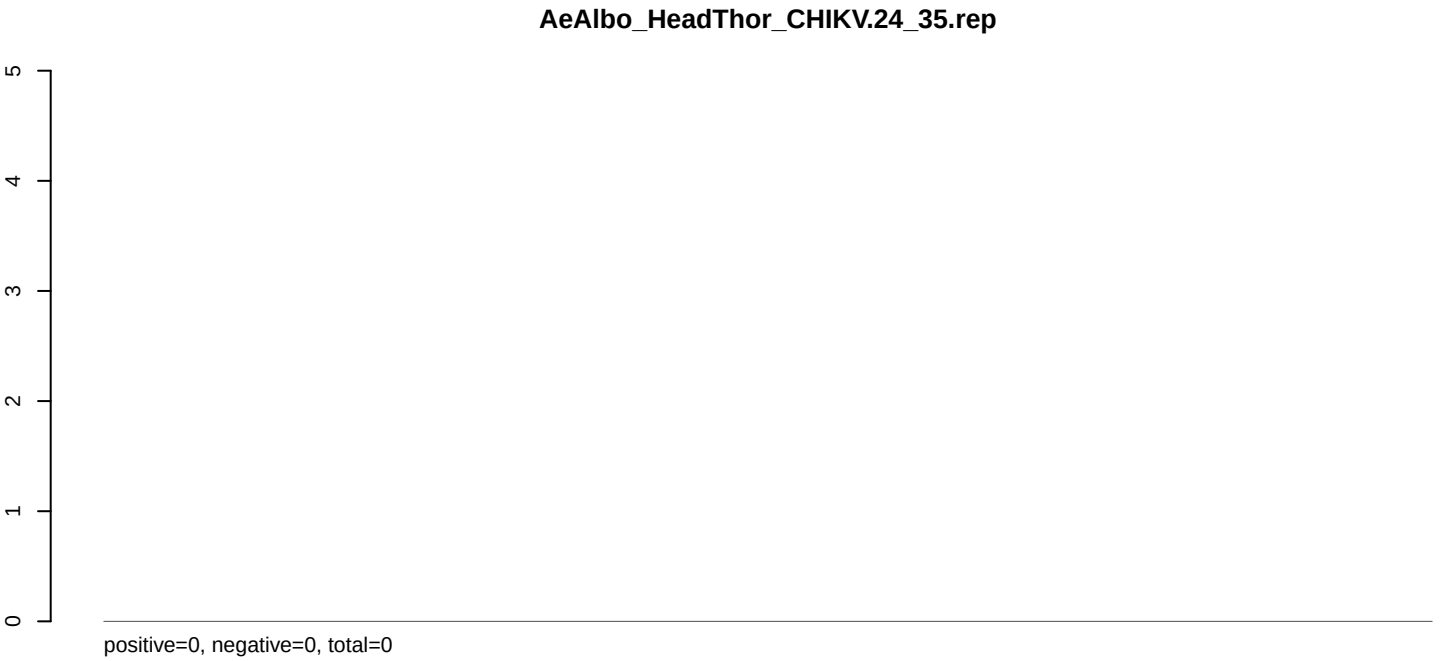
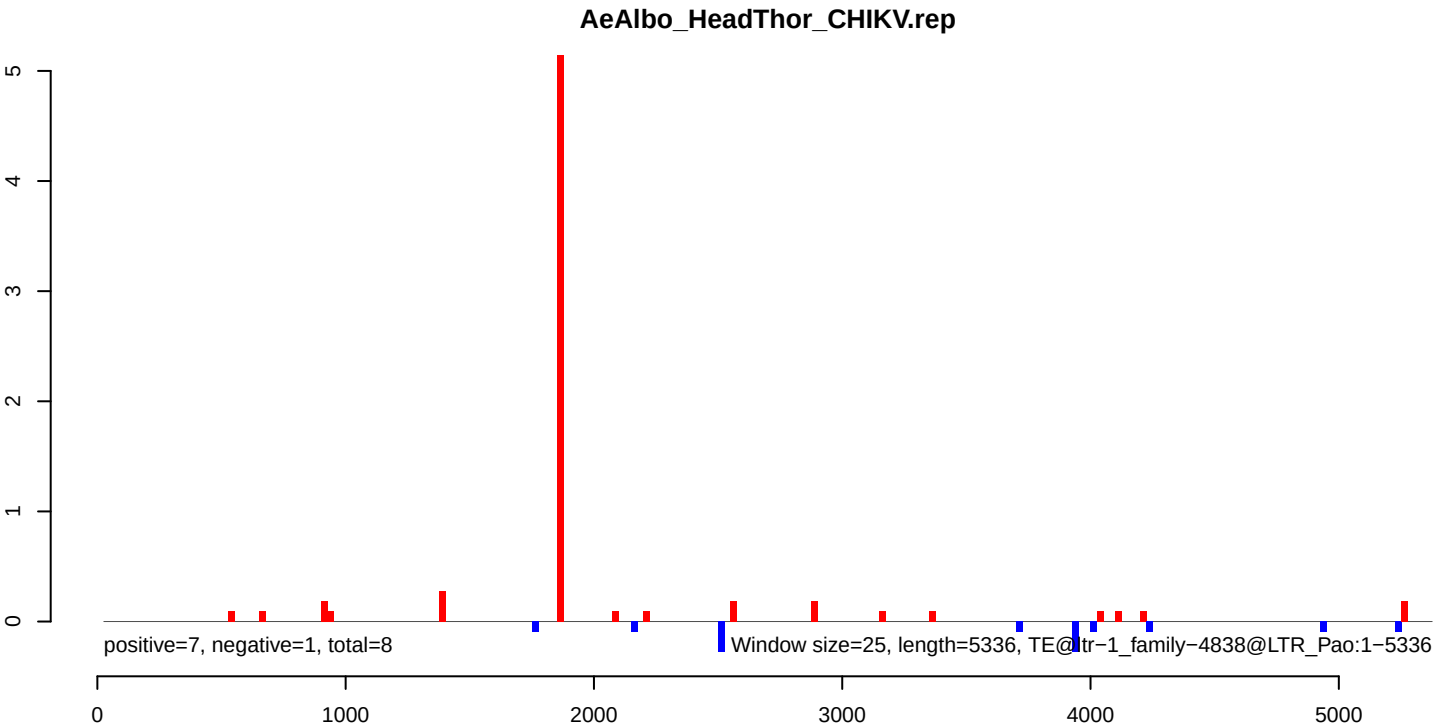
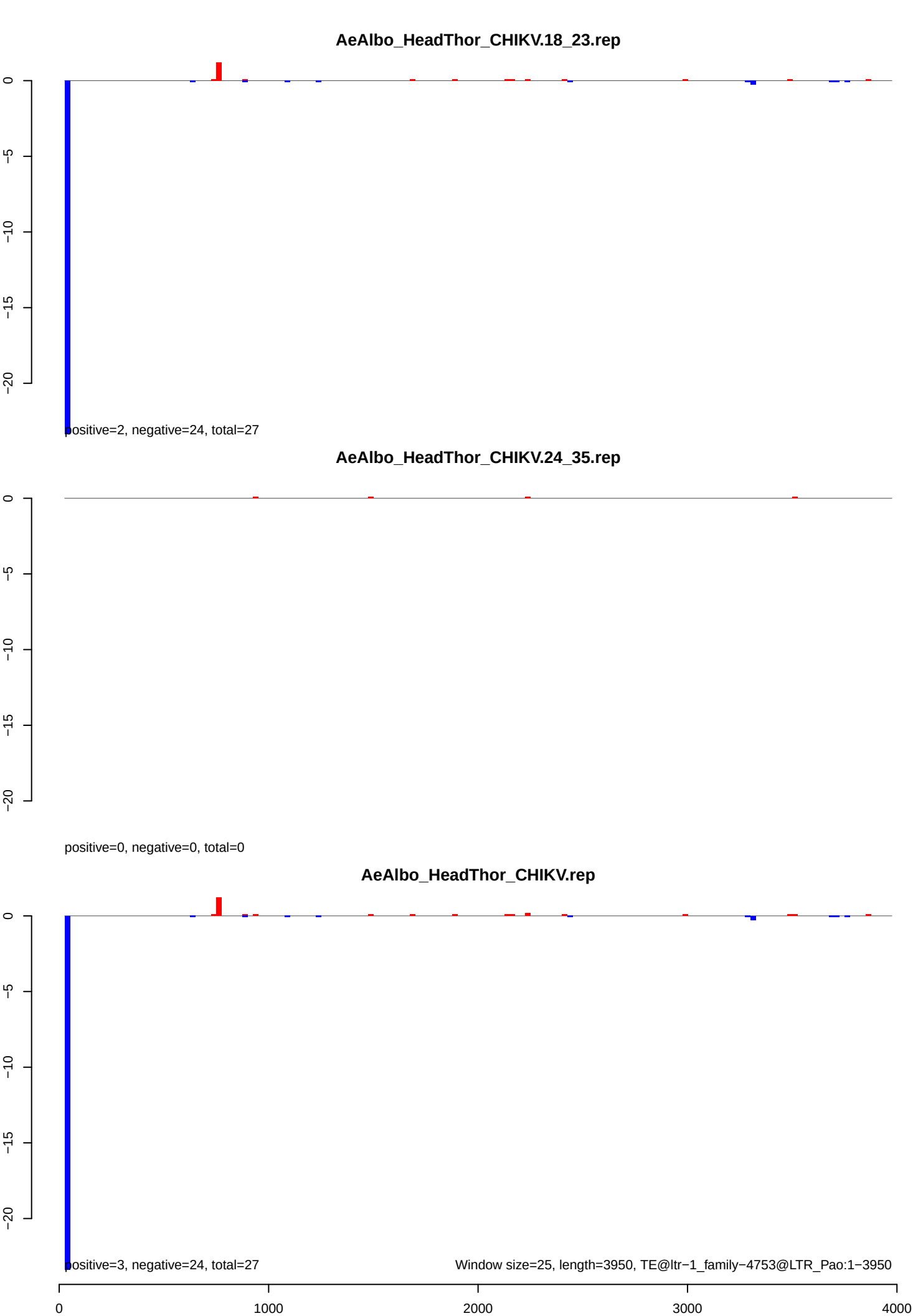
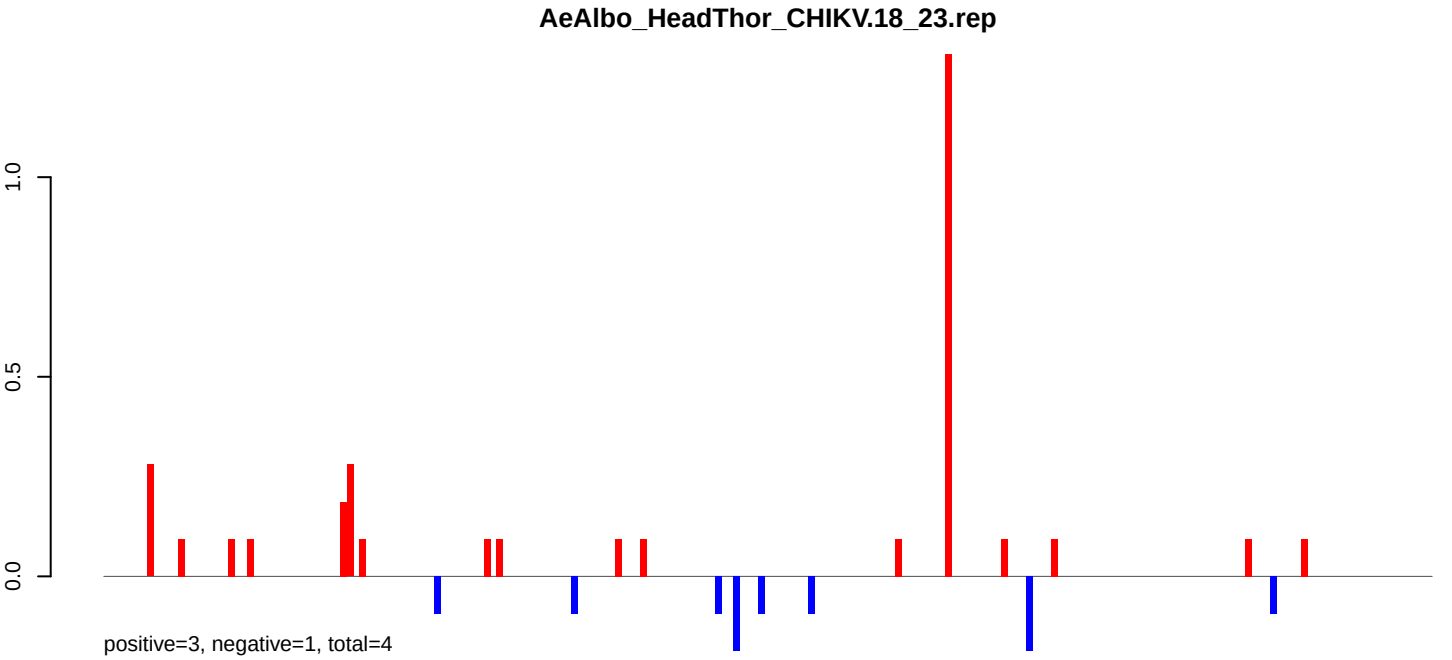
2000
3000
4000
5000

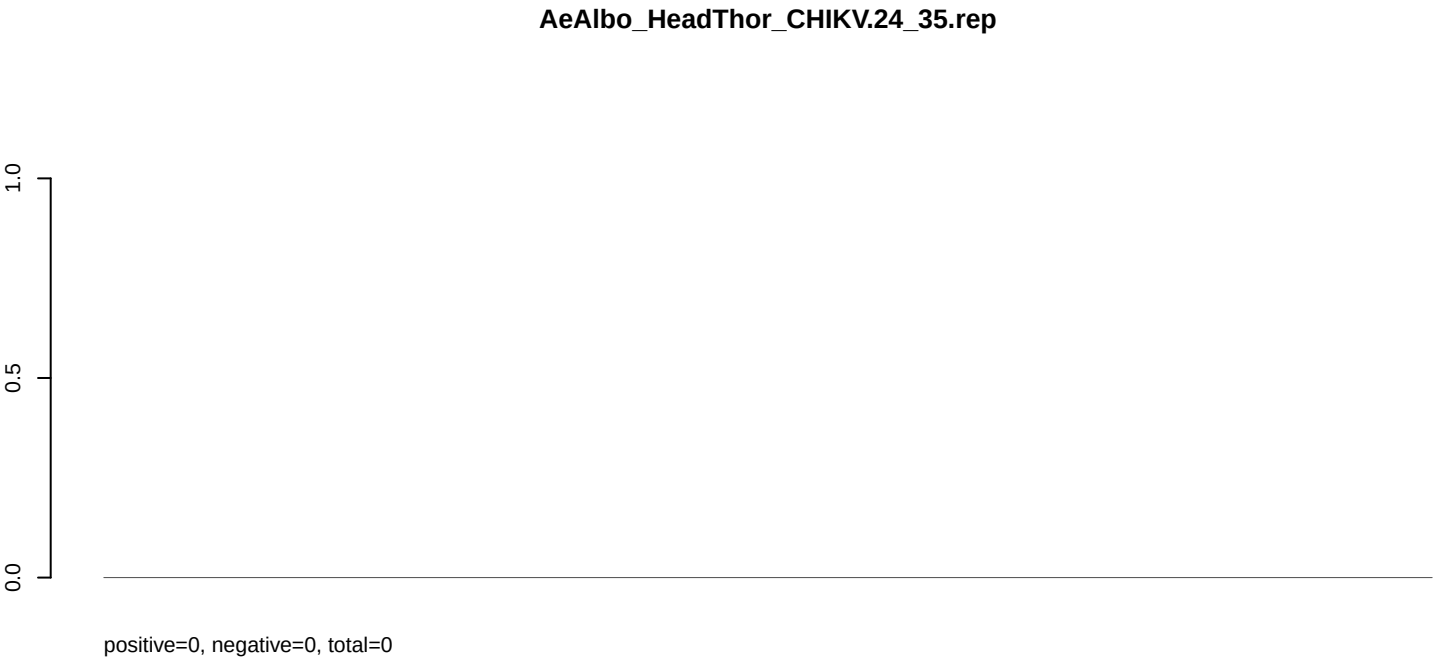

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
positive=7, negative=1, total=8

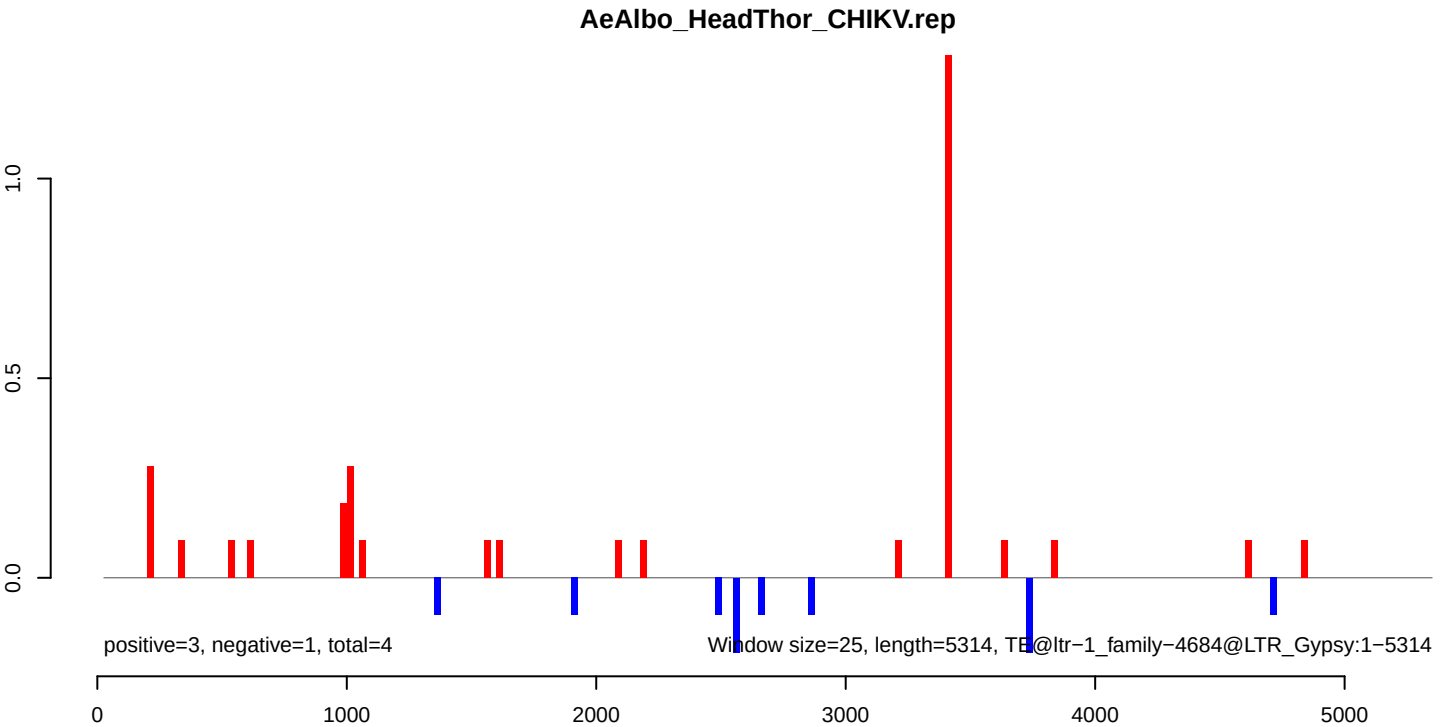

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
positive=0, negative=0, total=0

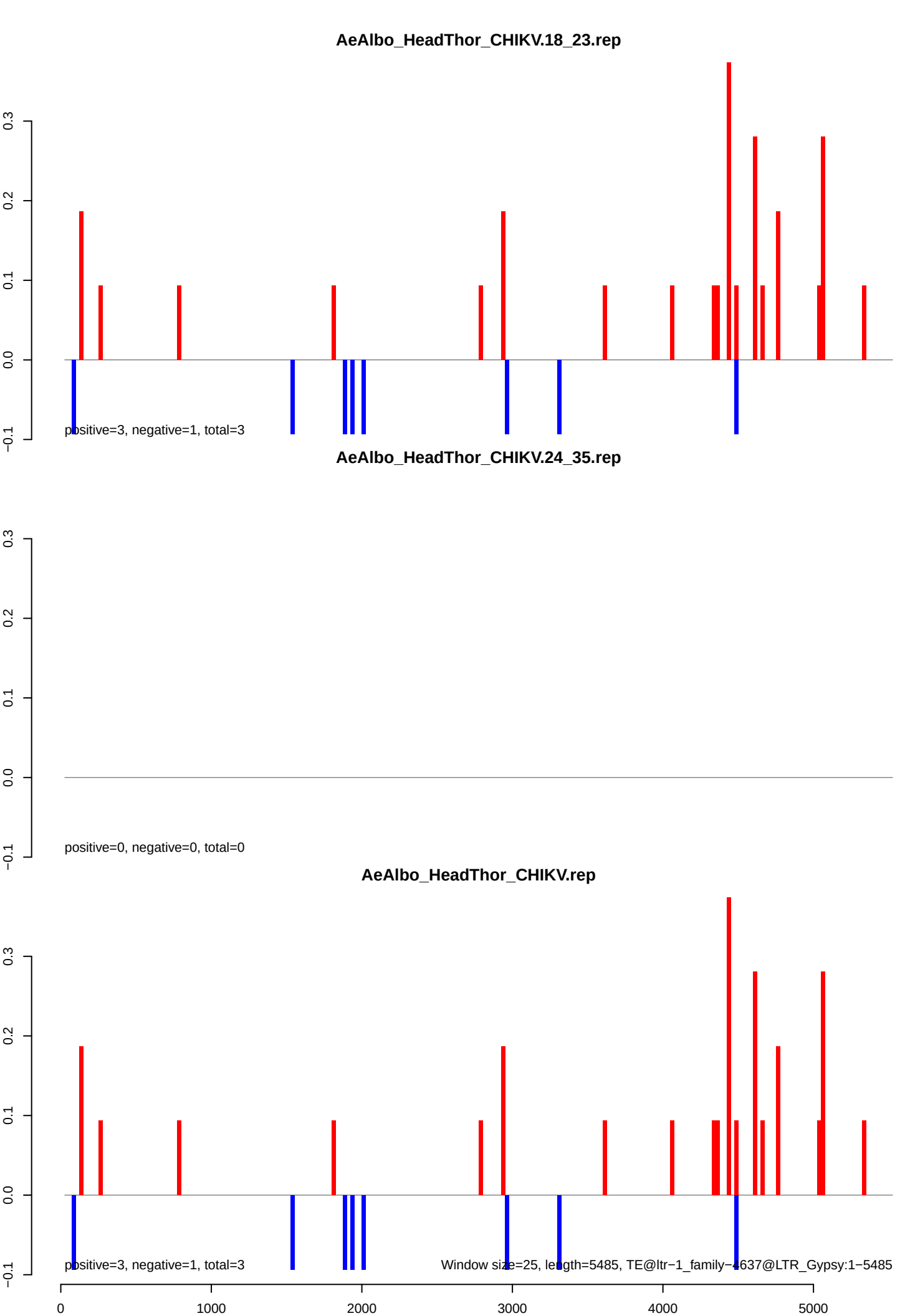

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=7, negative=1, total=8
Window size=25, length=5336, TE@ltr−1_family−4838@LTR_Pao:1−5336
0
1000
2000
3000
4000
5000

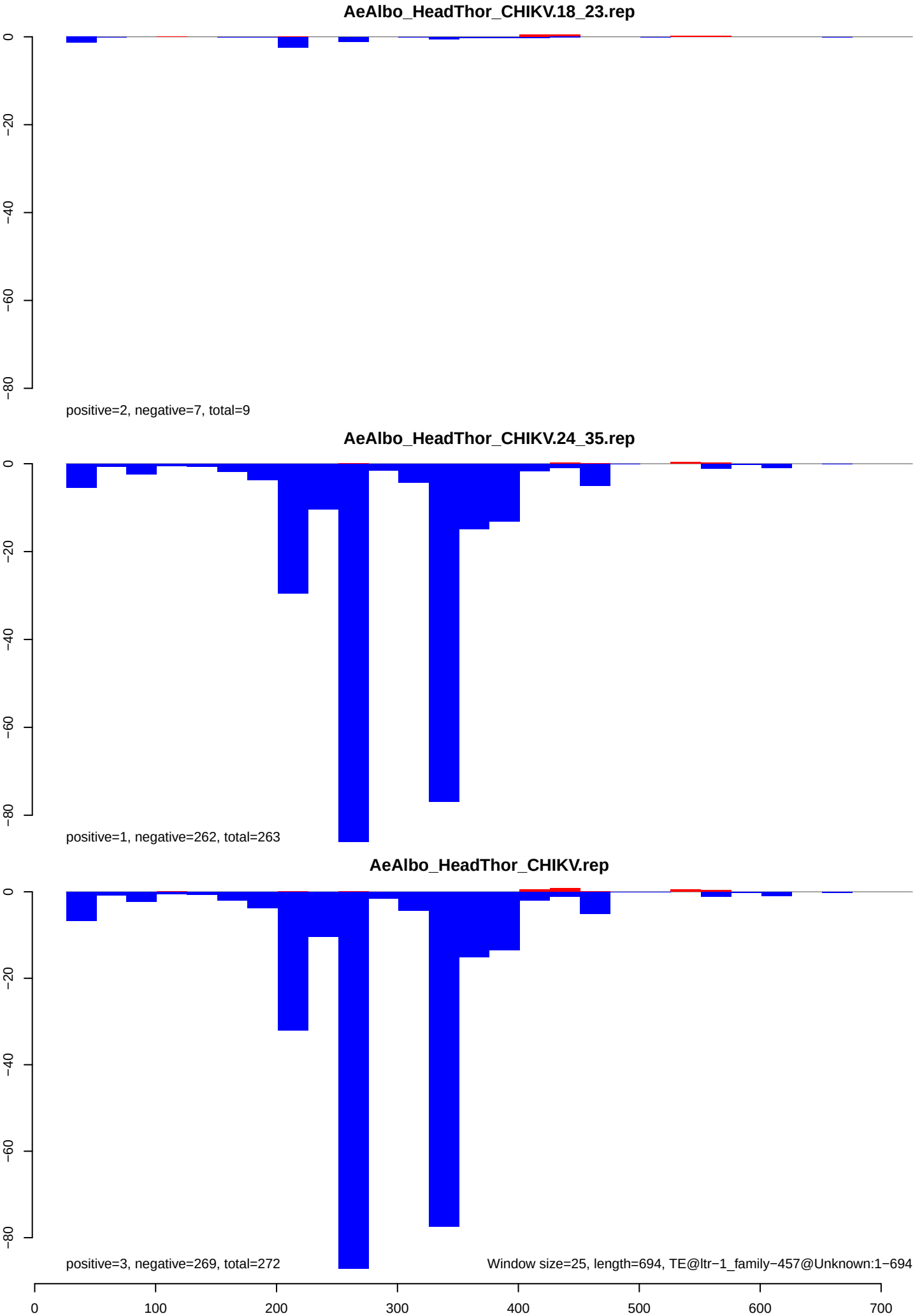

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=24, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=24, total=27
Window size=25, length=3950, TE@ltr−1_family−4753@LTR_Pao:1−3950
0
1000
2000
3000
4000

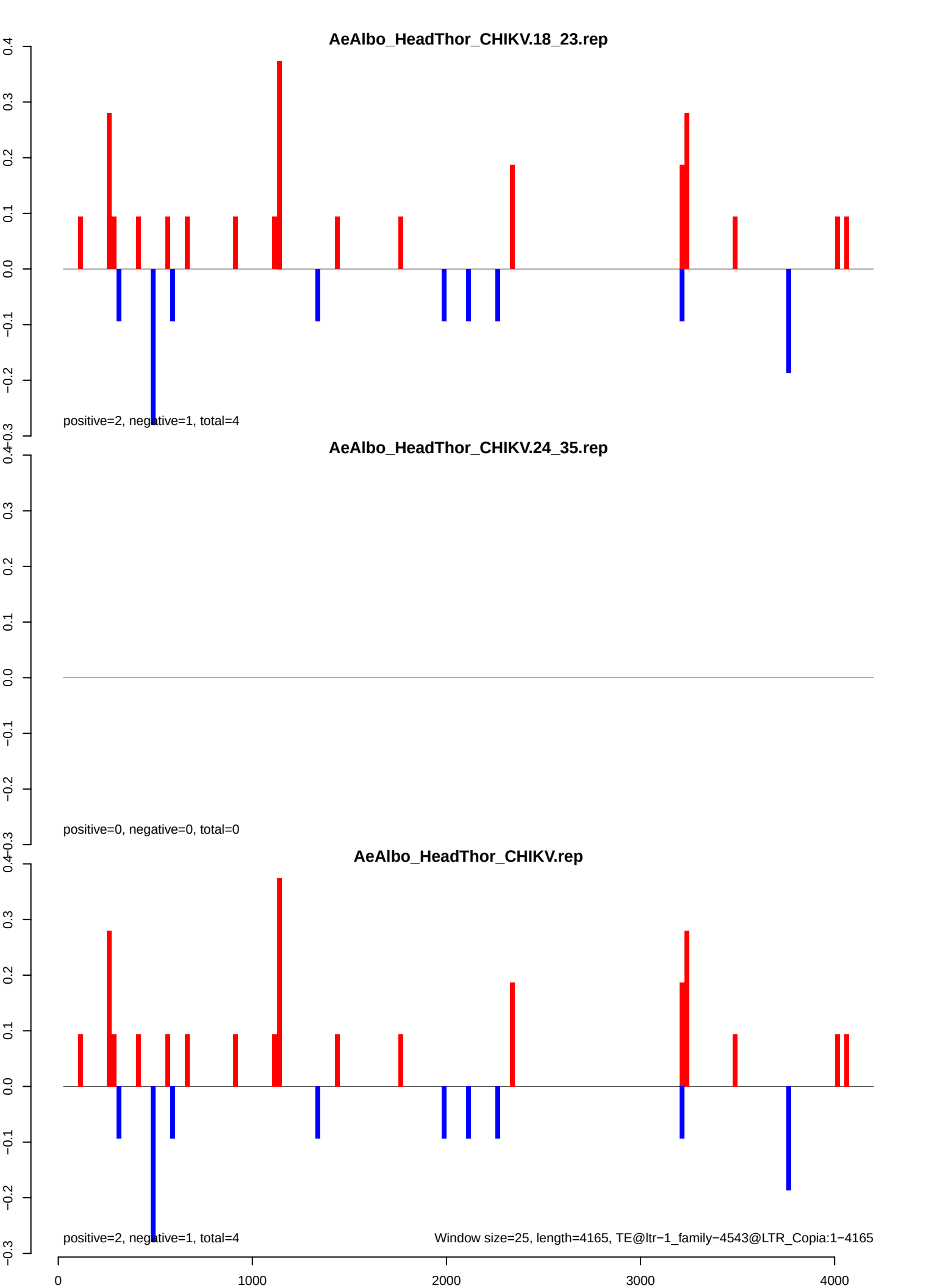

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=1, total=4

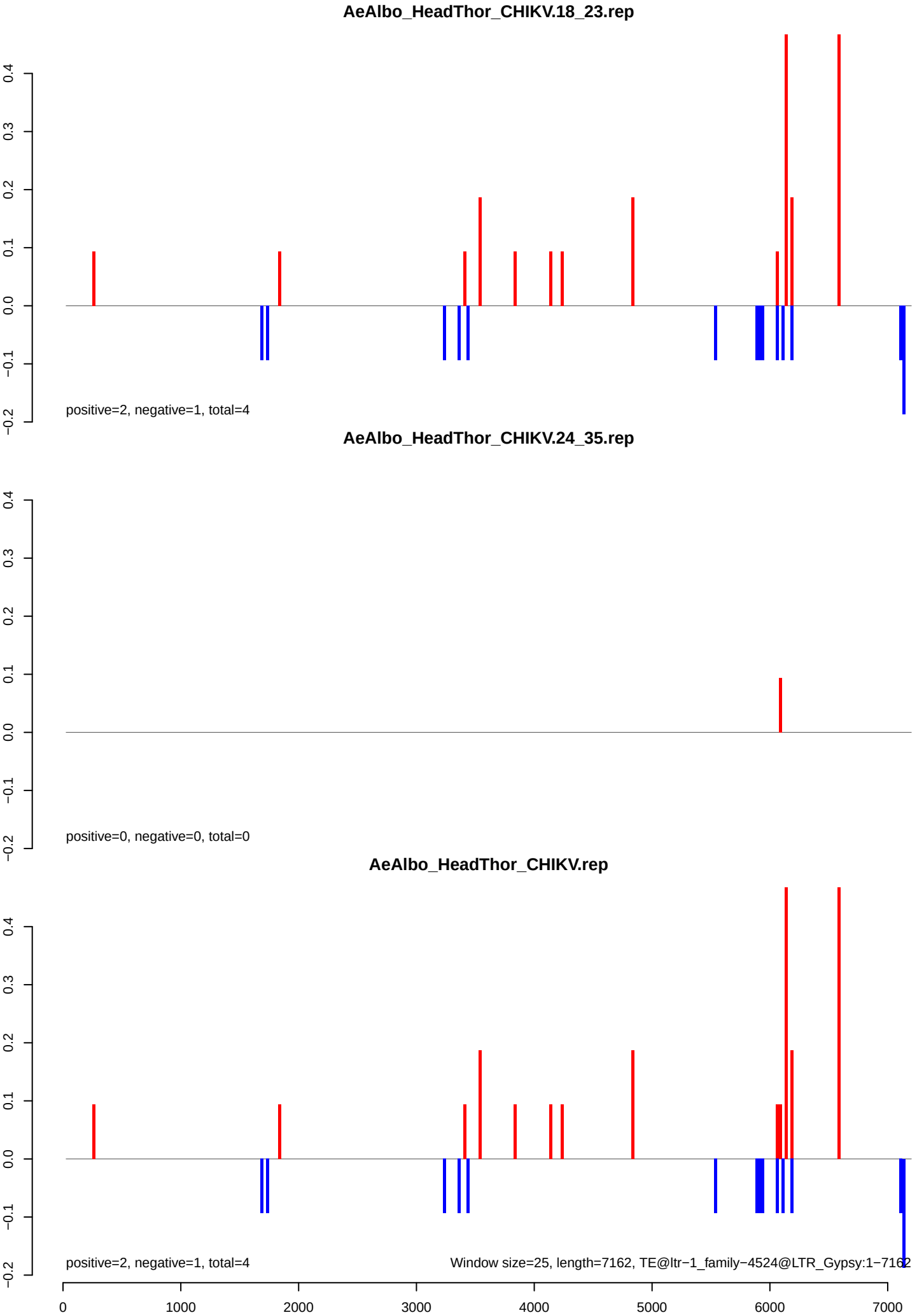

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0

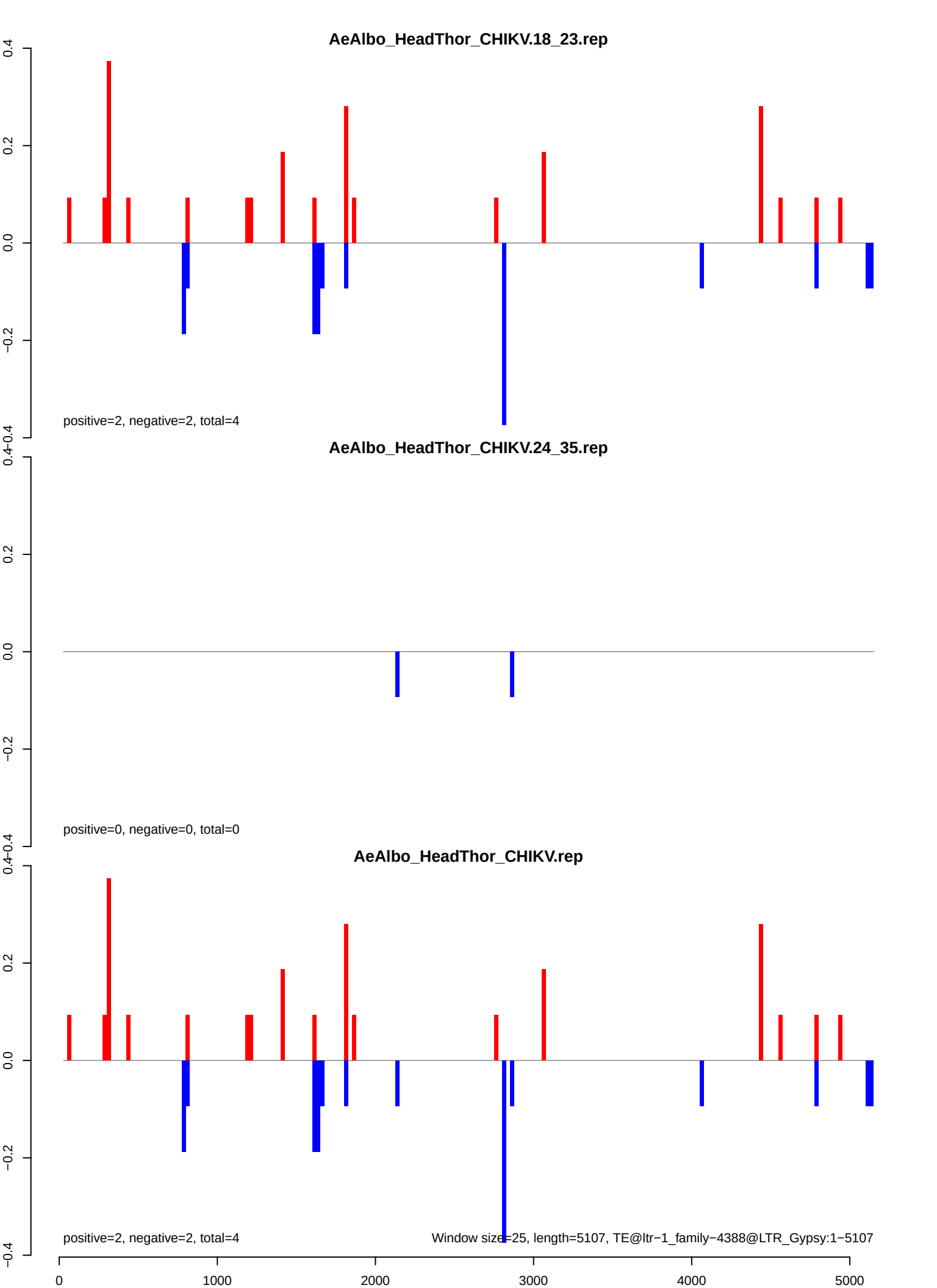

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=3, negative=1, total=4
Window size=25, length=5314, TE@ltr−1_family−4684@LTR_Gypsy:1−5314
0
1000
2000
3000
4000
5000

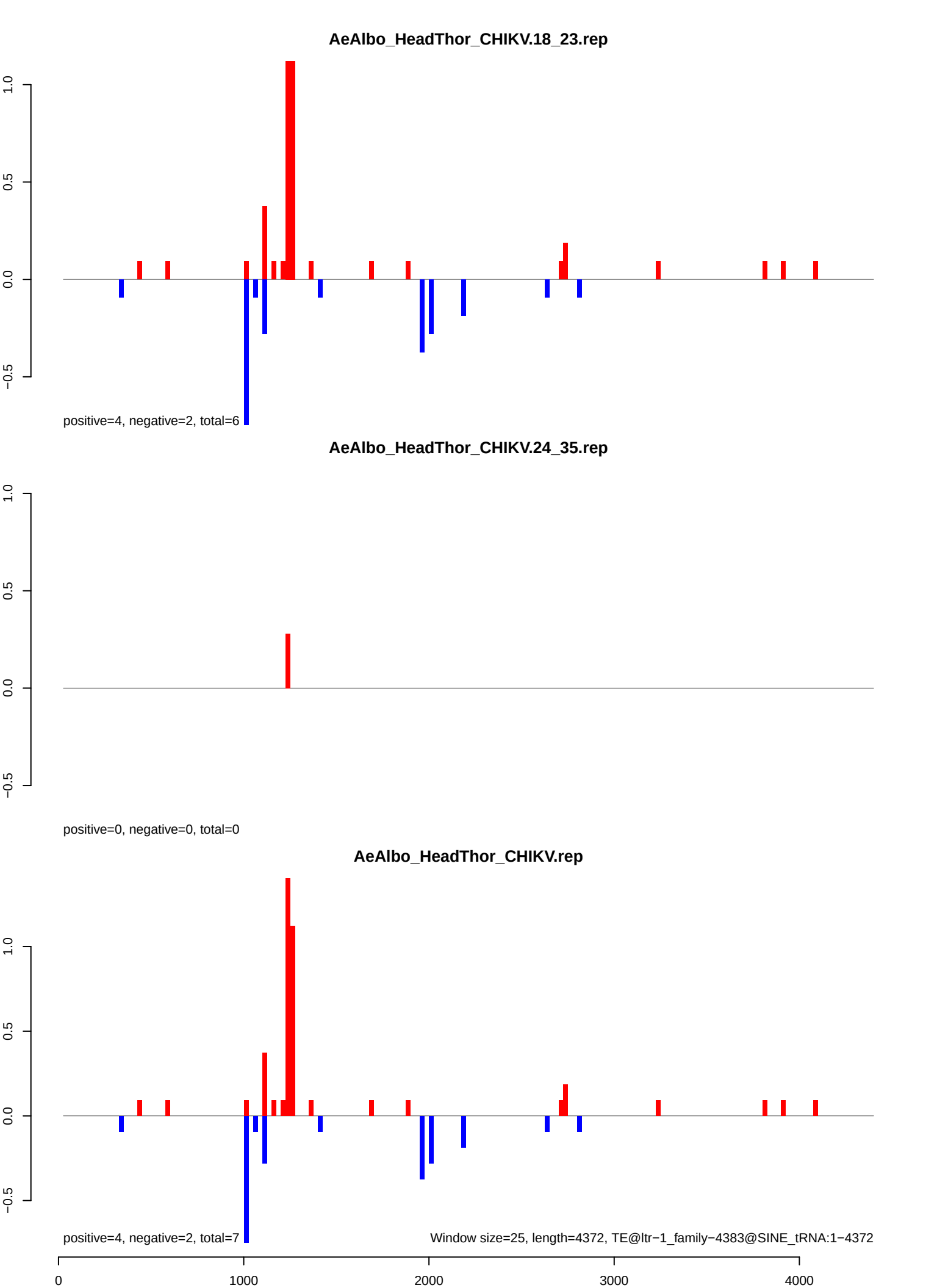

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=3, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=3, negative=1, total=3
Window size=25, length=5485, TE@ltr−1_family−4637@LTR_Gypsy:1−5485
0
1000
2000
3000
4000
5000

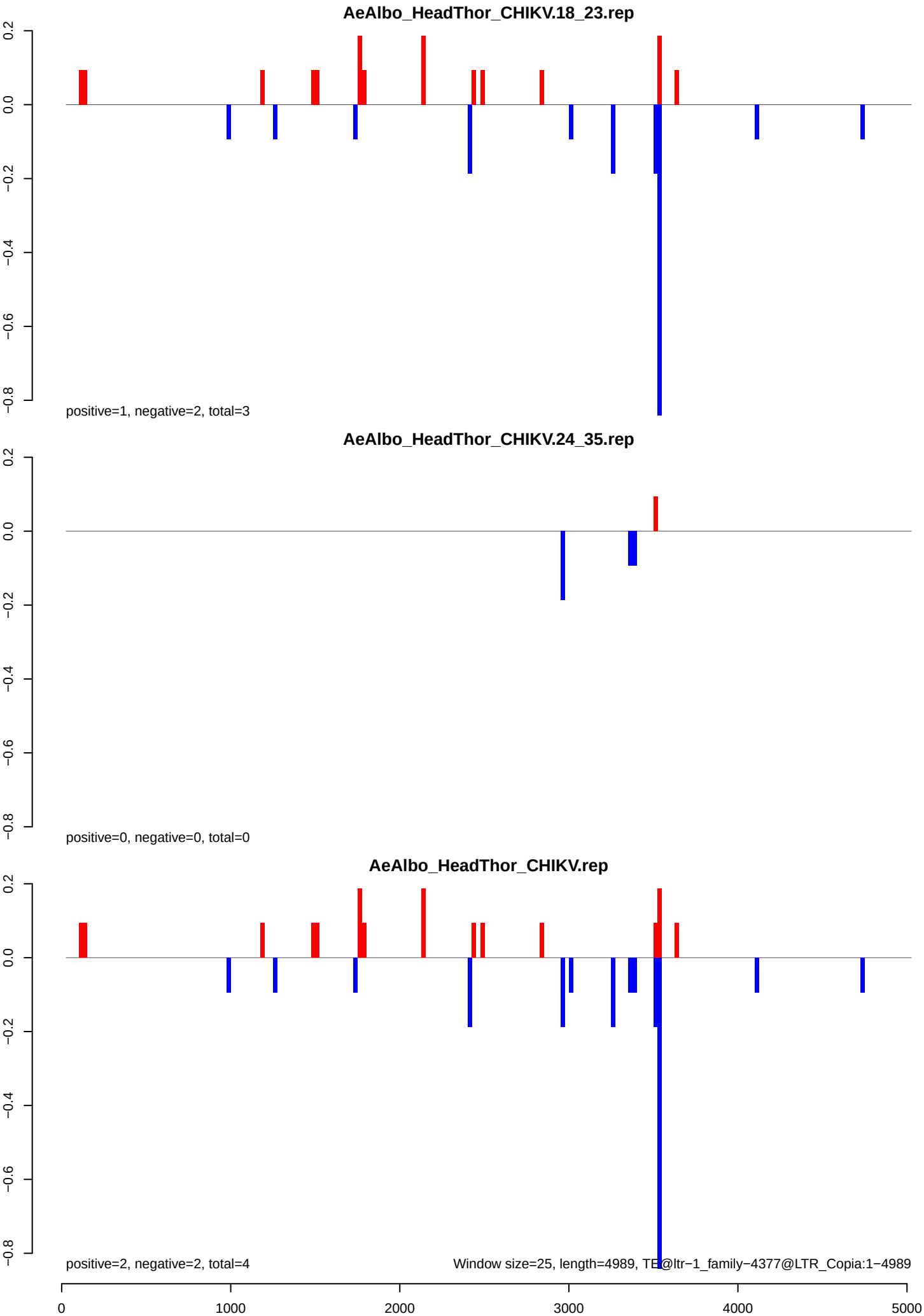

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
positive=2, negative=7, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
positive=1, negative=262, total=263
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
positive=3, negative=269, total=272
Window size=25, length=694, TE@ltr−1_family−457@Unknown:1−694
0
100
200
300
400
500
600
700

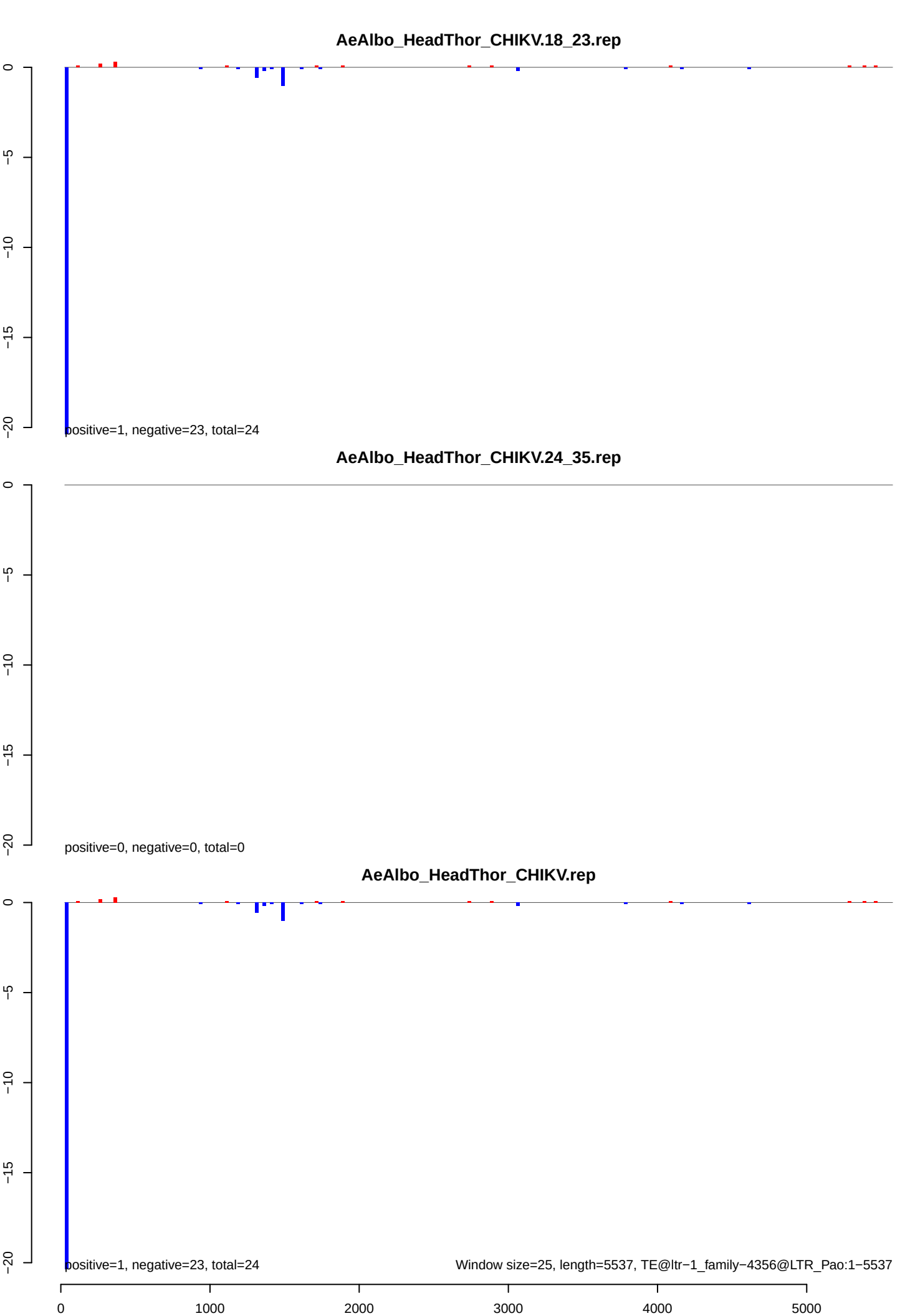

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=4
Window size=25, length=4165, TE@ltr−1_family−4543@LTR_Copia:1−4165
0
1000
2000
3000
4000

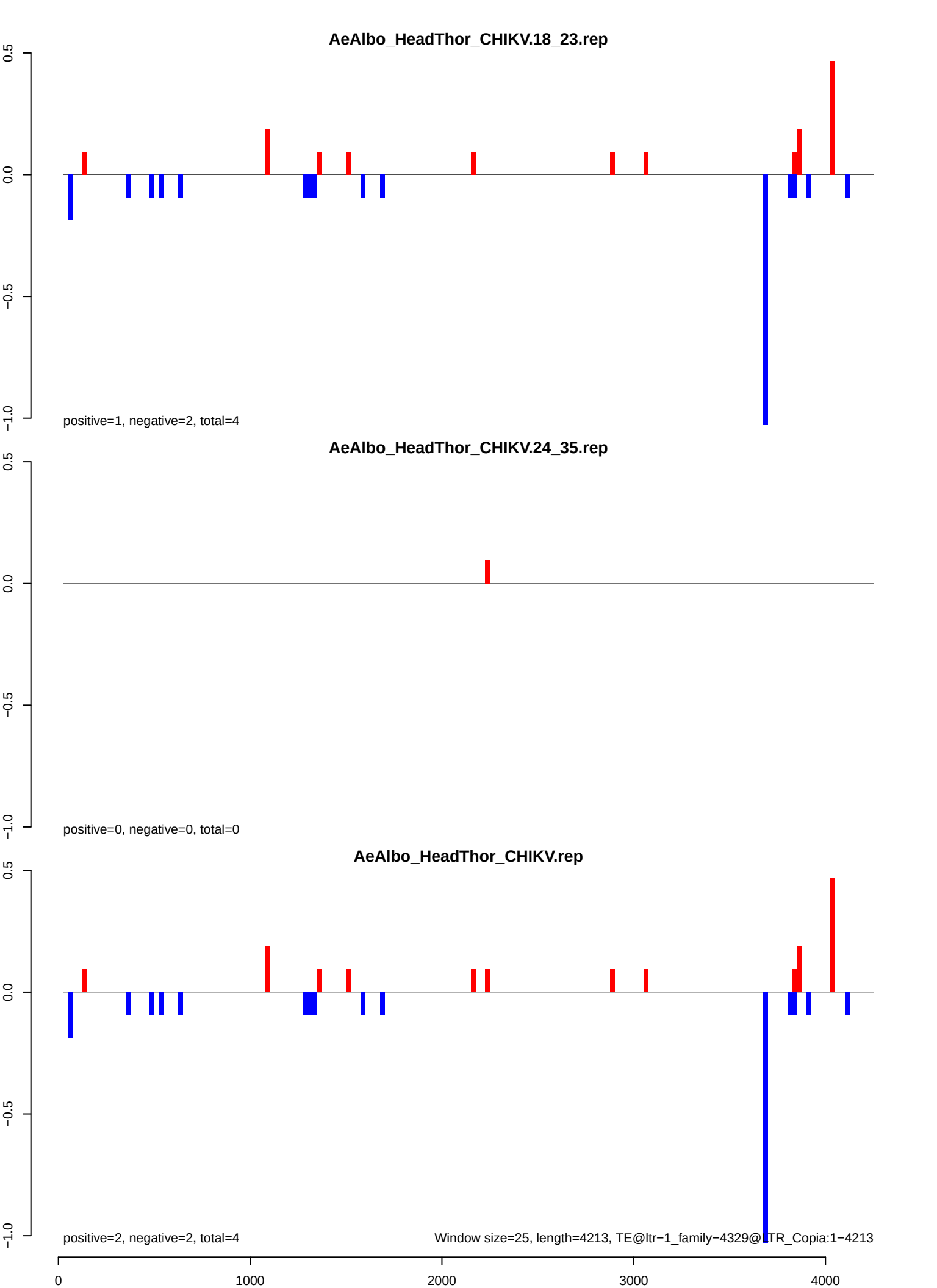

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=4
Window size=25, length=7162, TE@ltr−1_family−4524@LTR_Gypsy:1−7162
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000
5000
6000
7000

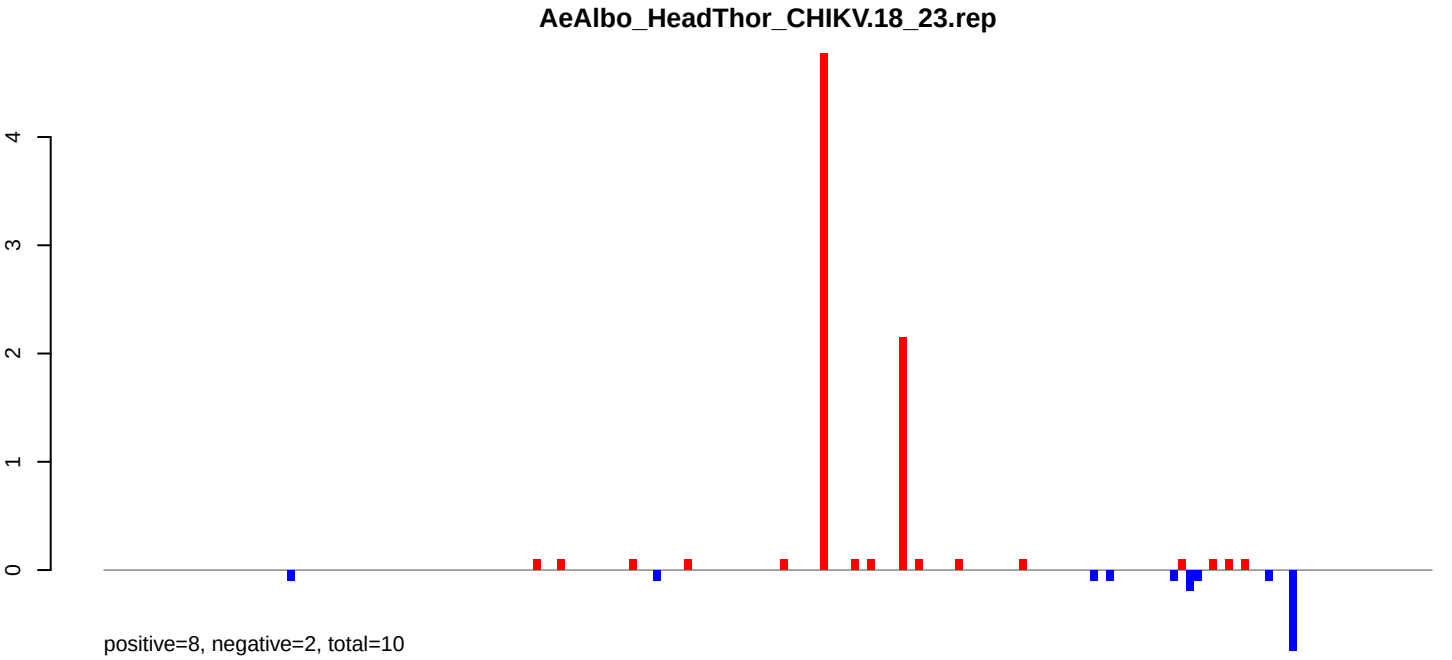

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=5107, TE@ltr−1_family−4388@LTR_Gypsy:1−5107
0.4
0.2
0.0
−0.2
−0.4
0
1000
2000
3000
4000
5000

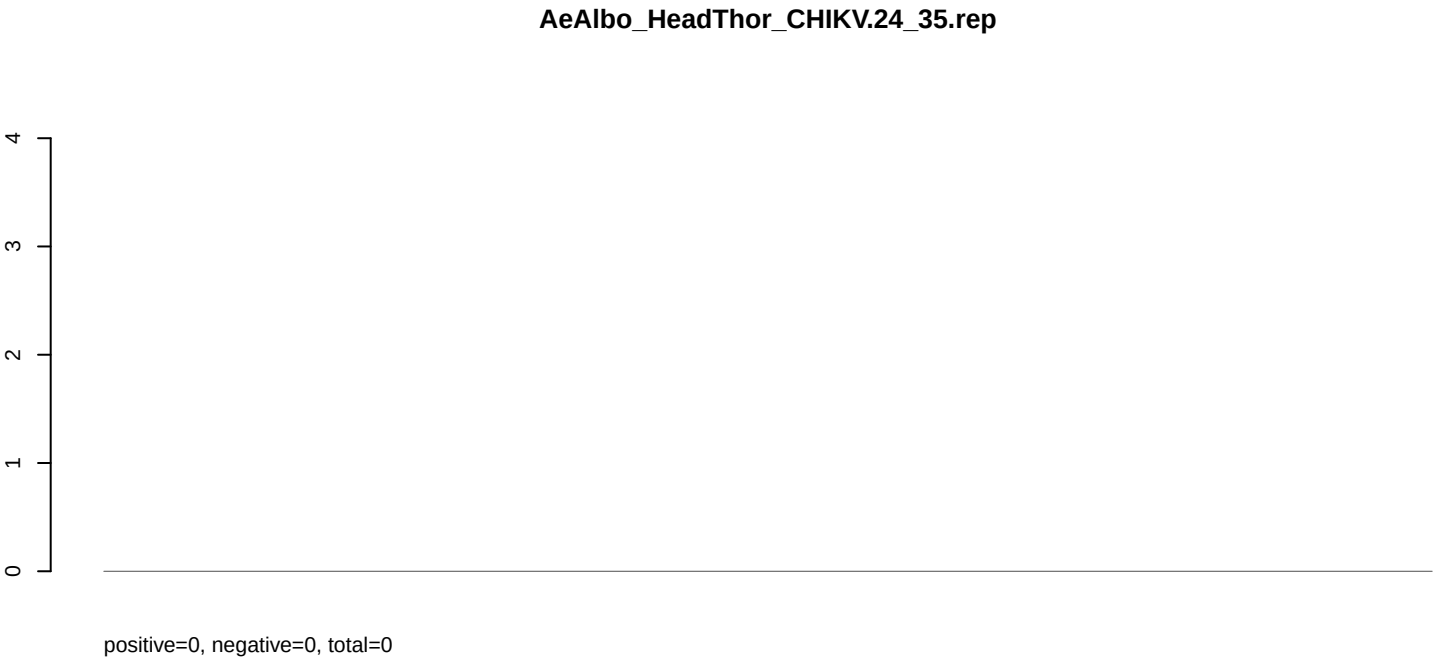

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=4, negative=2, total=7
Window size=25, length=4372, TE@ltr−1_family−4383@SINE_tRNA:1−4372
0
1000
2000
3000
4000

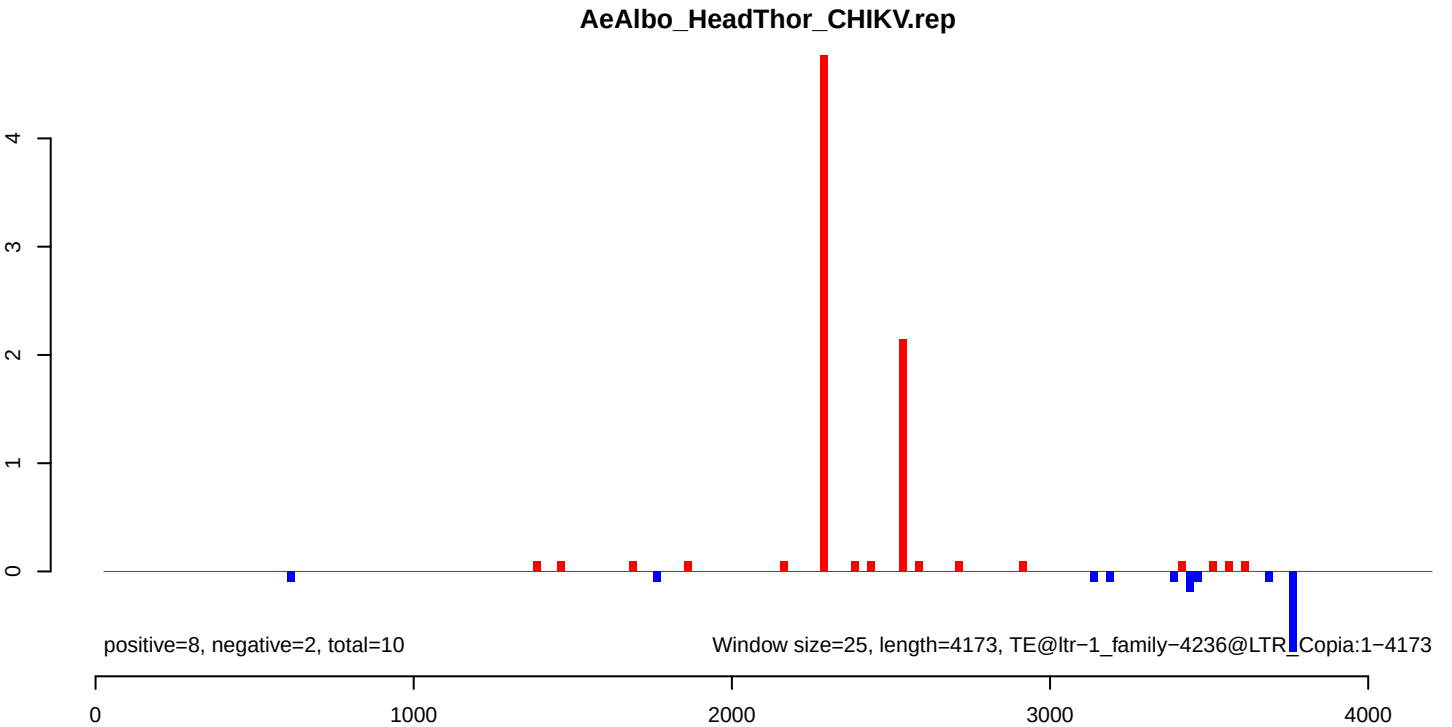

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=4989, TE@ltr−1_family−4377@LTR_Copia:1−4989
0
1000
2000
3000
4000
5000

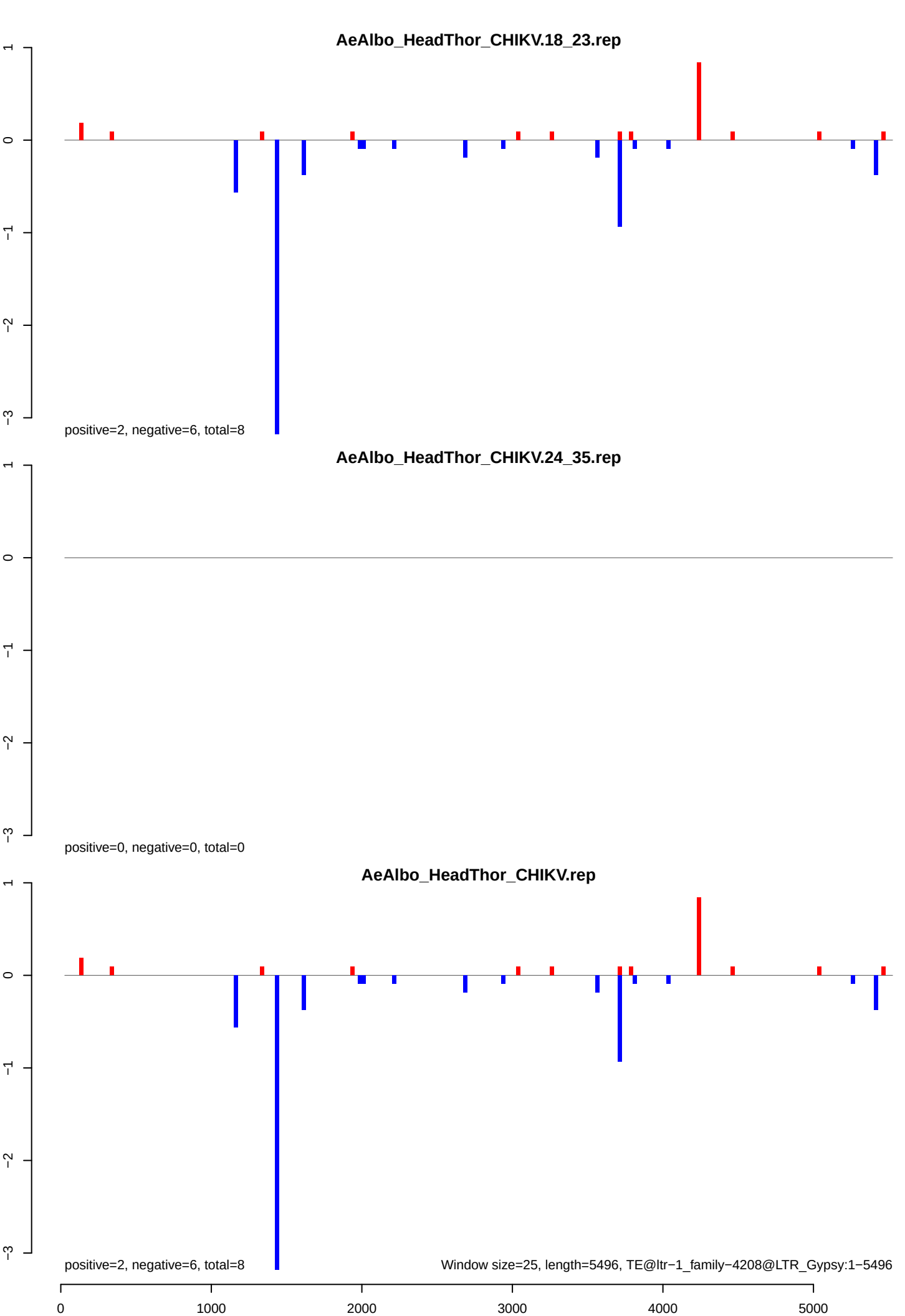

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=23, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=23, total=24
Window size=25, length=5537, TE@ltr−1_family−4356@LTR_Pao:1−5537
0
1000
2000
3000
4000
5000

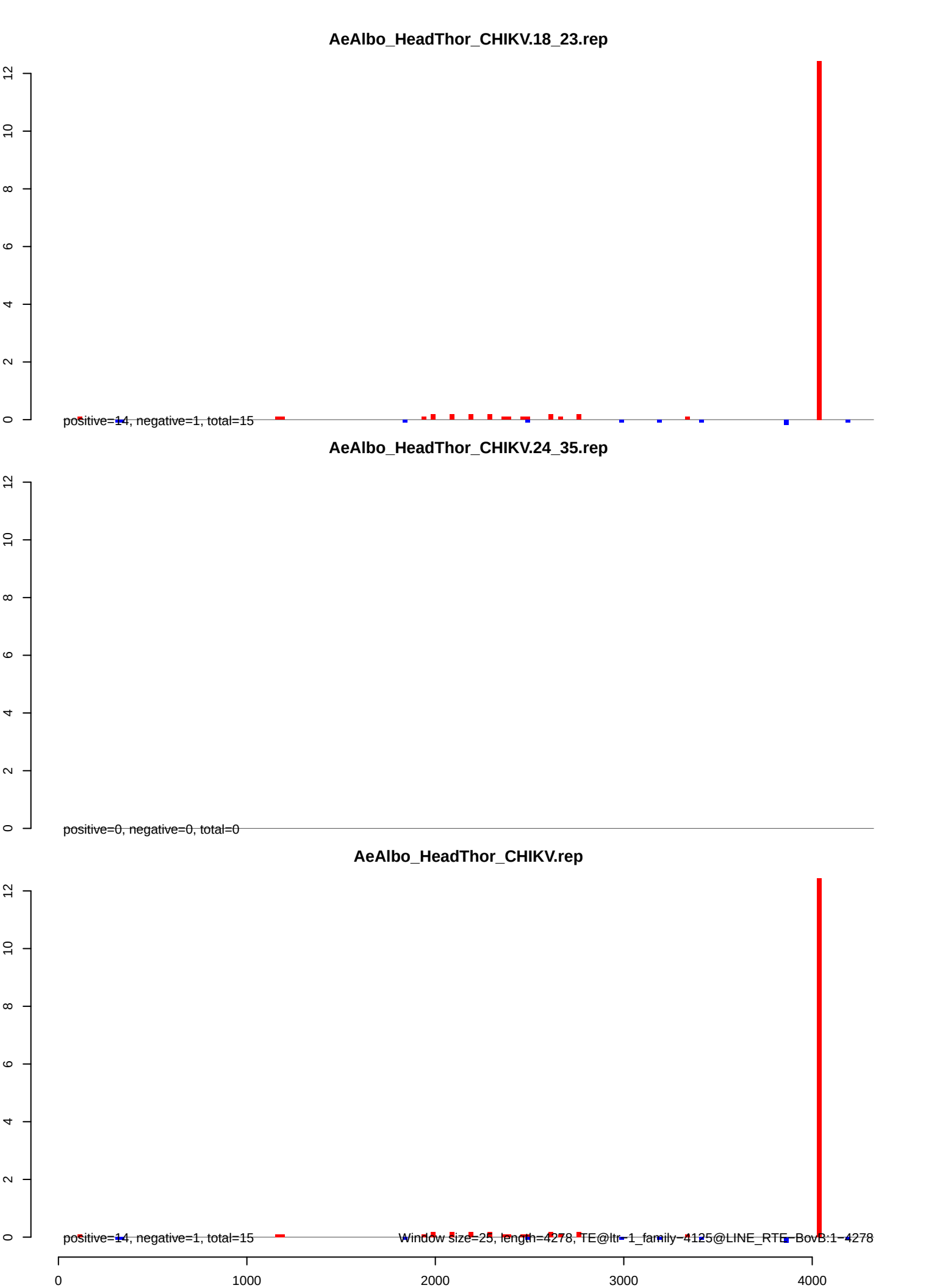

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4
Window size=25, length=4213, TE@ltr−1_family−4329@LTR_Copia:1−4213
0
1000
2000
3000
4000

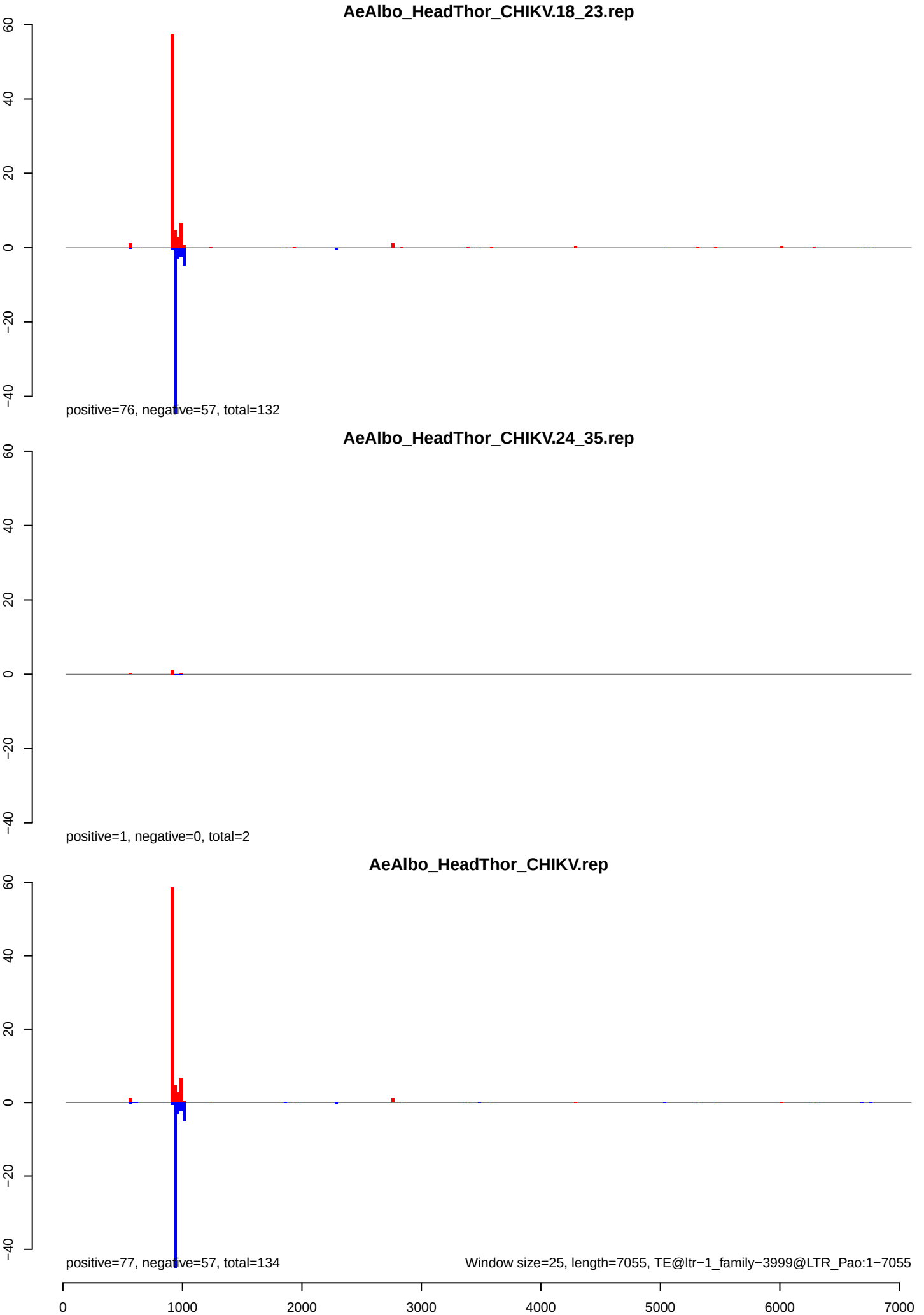

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=8, negative=2, total=10

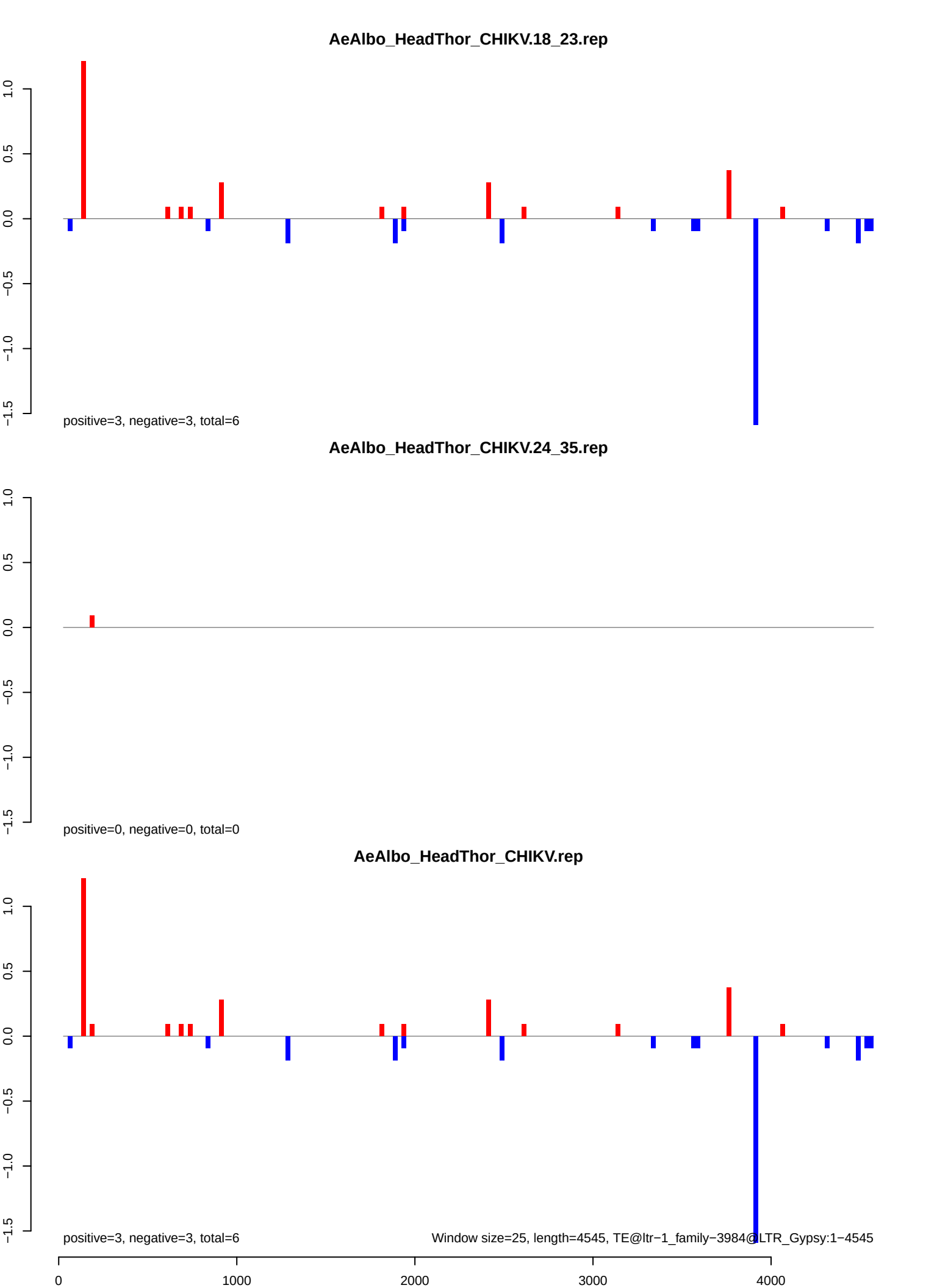

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0

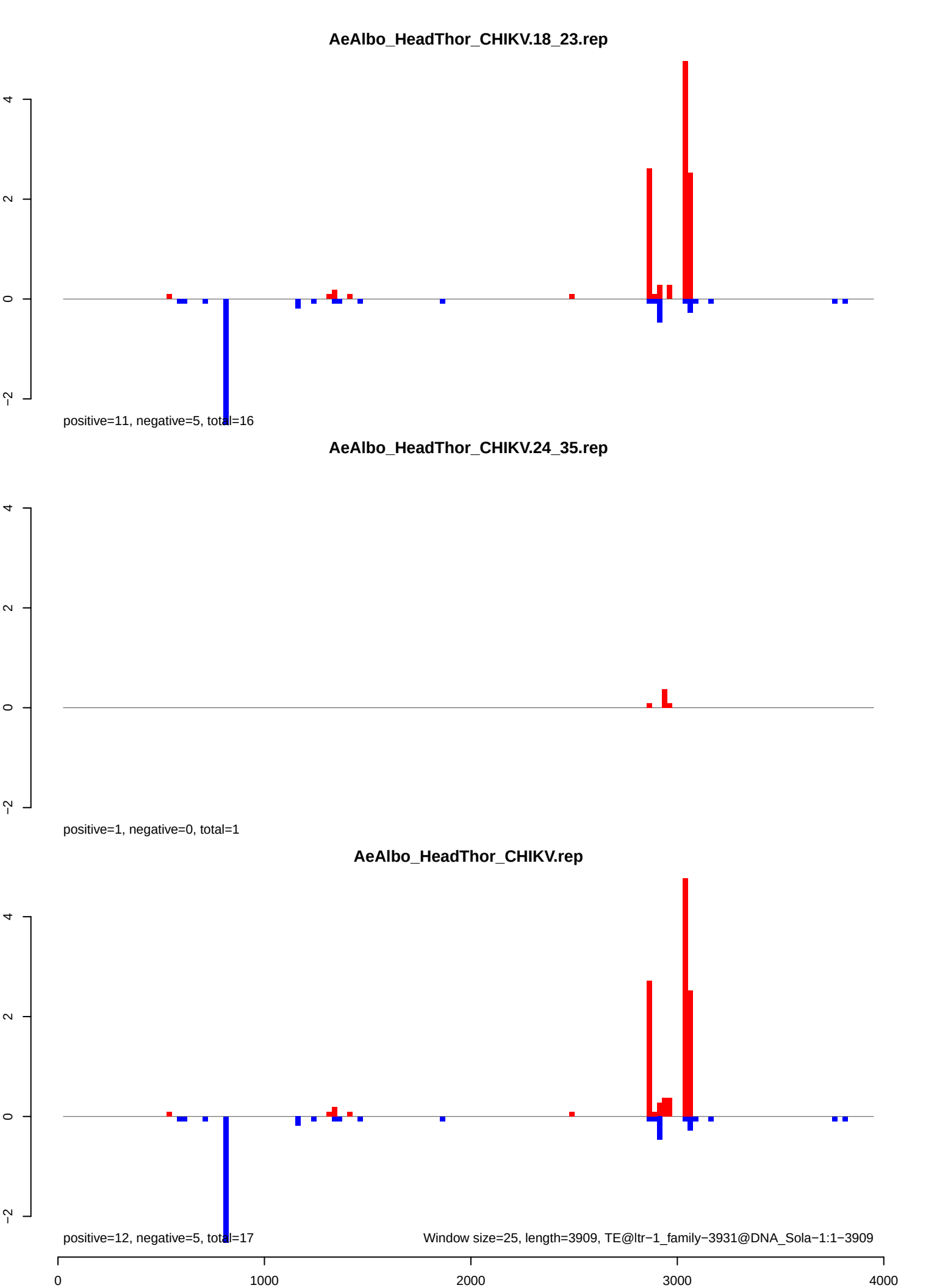

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=8, negative=2, total=10
Window size=25, length=4173, TE@ltr−1_family−4236@LTR_Copia:1−4173
0
1000
2000
3000
4000

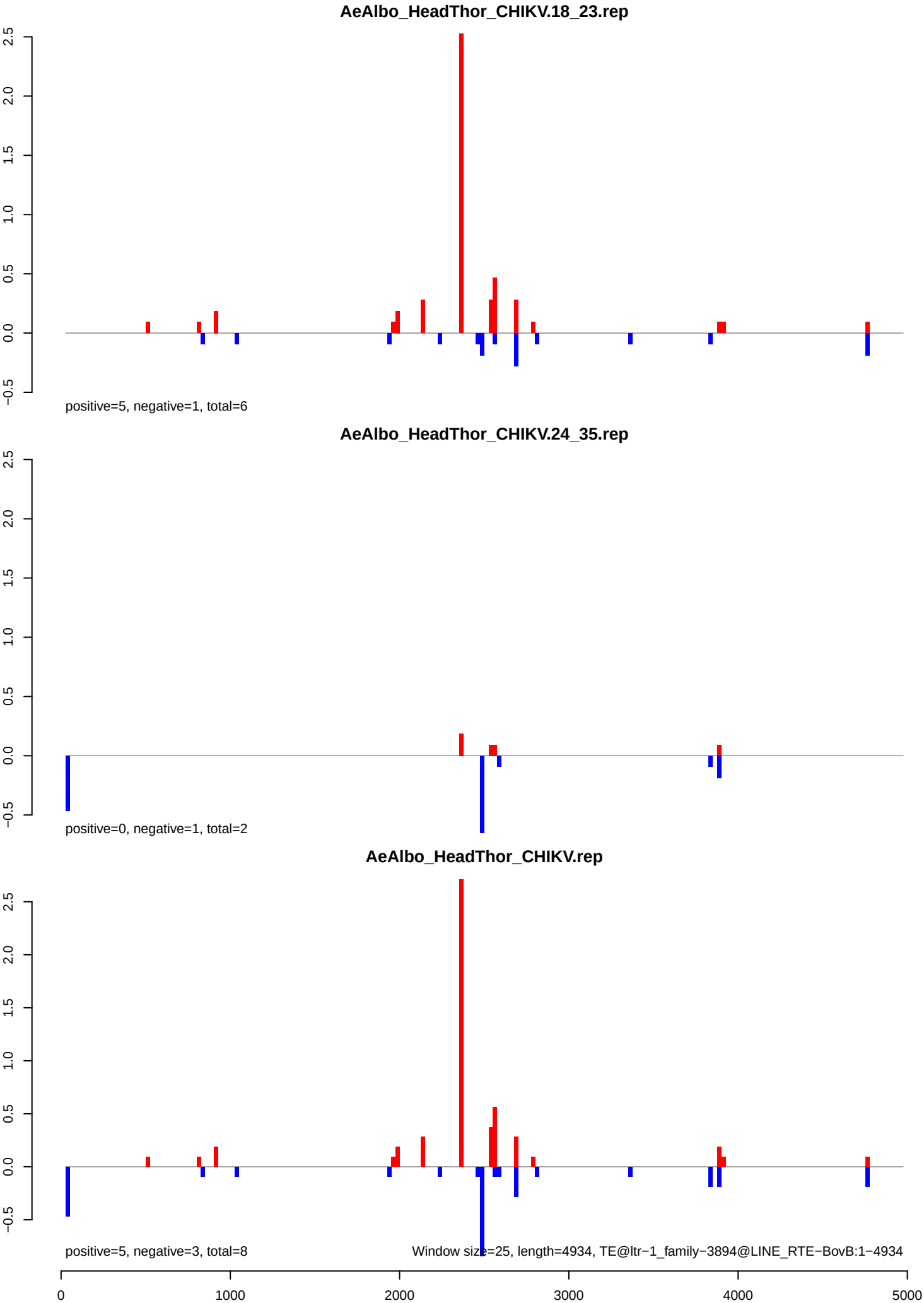

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=6, total=8
Window size=25, length=5496, TE@ltr−1_family−4208@LTR_Gypsy:1−5496
1
0
−1
−2
−3
0
1000
2000
3000
4000
5000

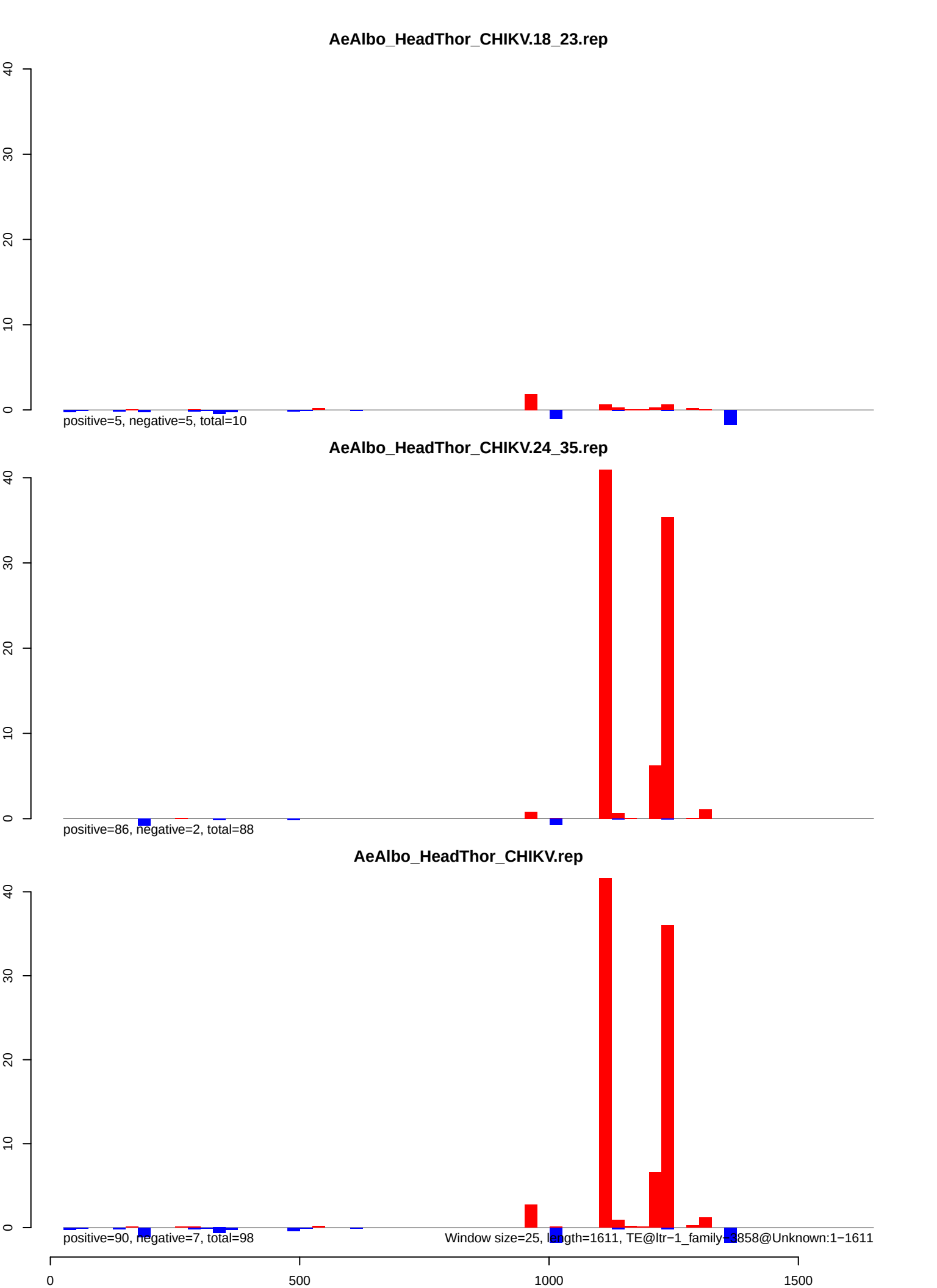

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
10
12
positive=14, negative=1, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
10
12
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
10
12
positive=14, negative=1, total=15
Window size=25, length=4278, TE@ltr-1_family-4125@LINE_RTE-BovB:1-4278
0
1000
2000
3000
4000

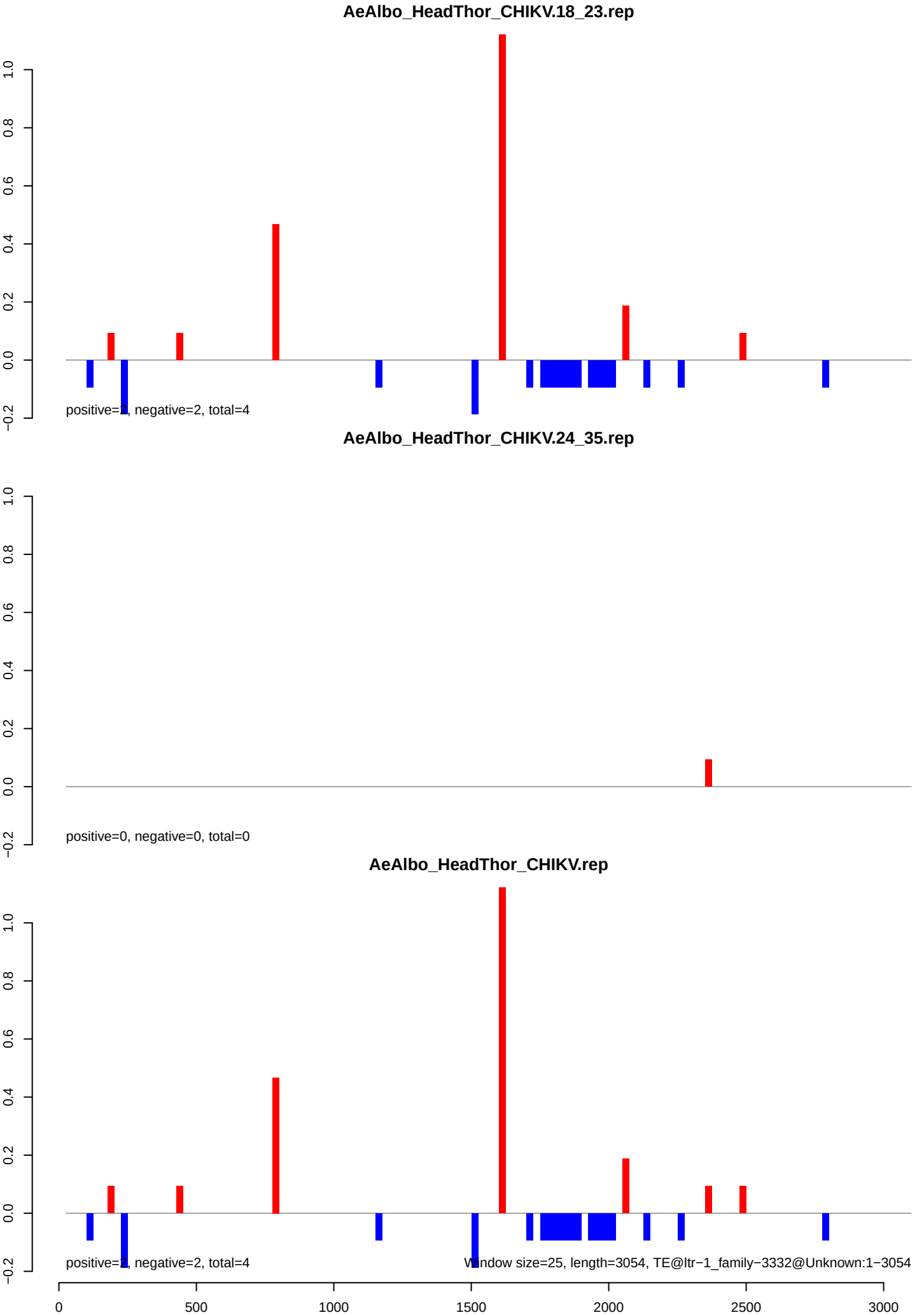

AeAlbo_HeadThor_CHIKV.18_23.rep
60
40
20
0
−20
−40
positive=76, negative=57, total=132
AeAlbo_HeadThor_CHIKV.24_35.rep
60
40
20
0
−20
−40
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
60
40
20
0
−20
−40
positive=77, negative=57, total=134
Window size=25, length=7055, TE@ltr−1_family−3999@LTR_Pao:1−7055
0
1000
2000
3000
4000
5000
6000
7000

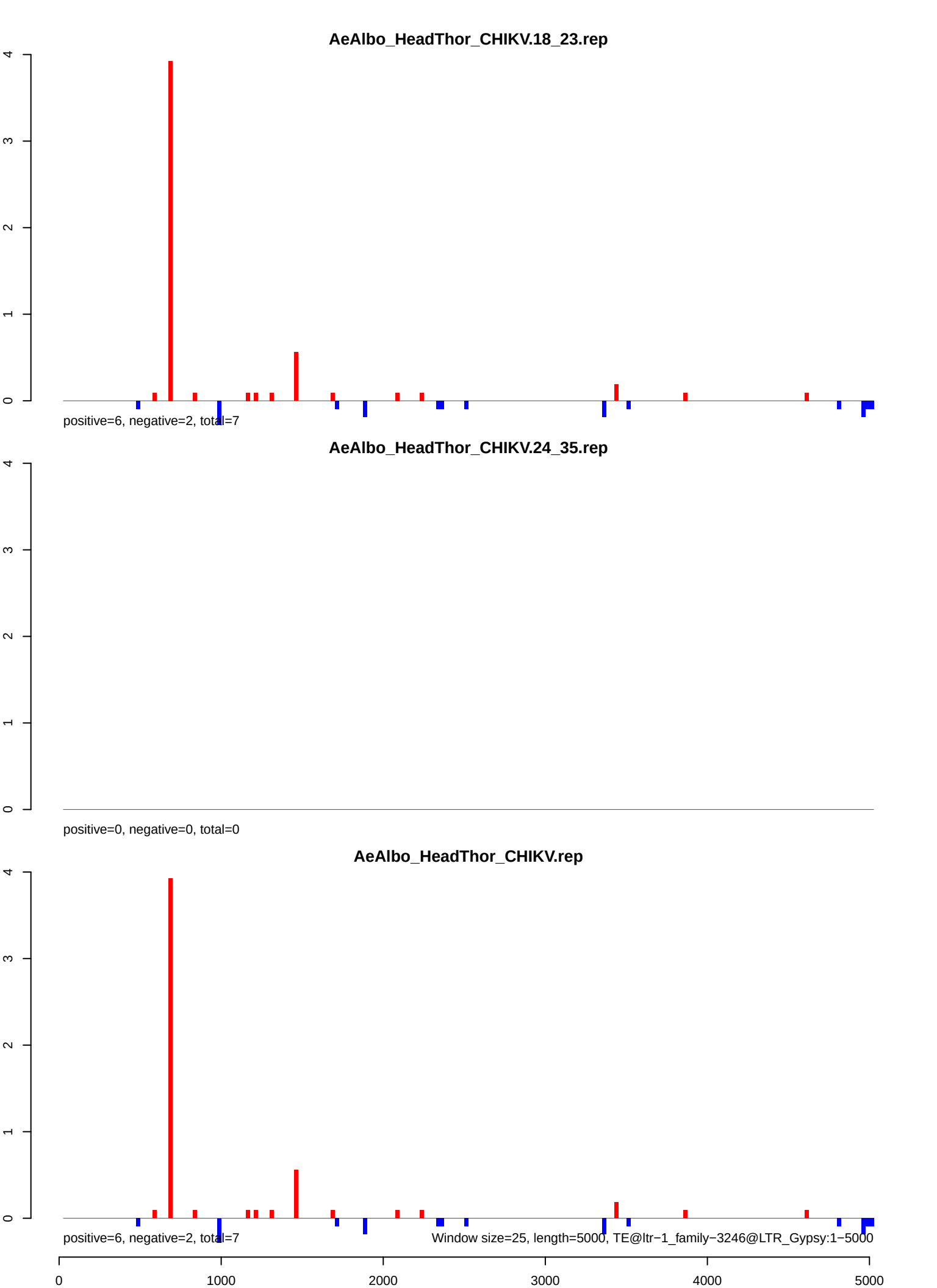

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=6
Window size=25, length=4545, TE@ltr−1_family−3984@LTR_Gypsy:1−4545
0
1000
2000
3000
4000

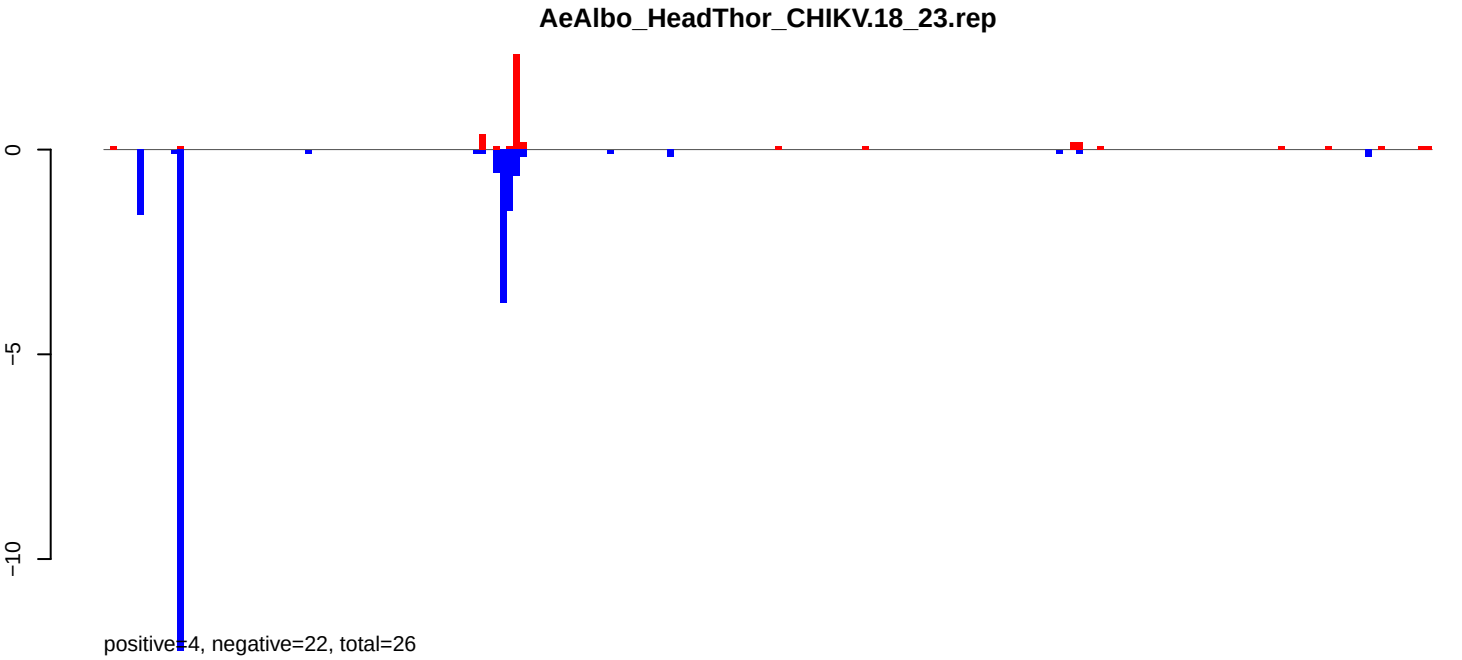

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=5, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=5, total=17
Window size=25, length=3909, TE@ltr−1_family−3931@DNA_Sola−1:1−3909
0
1000
2000
3000
4000

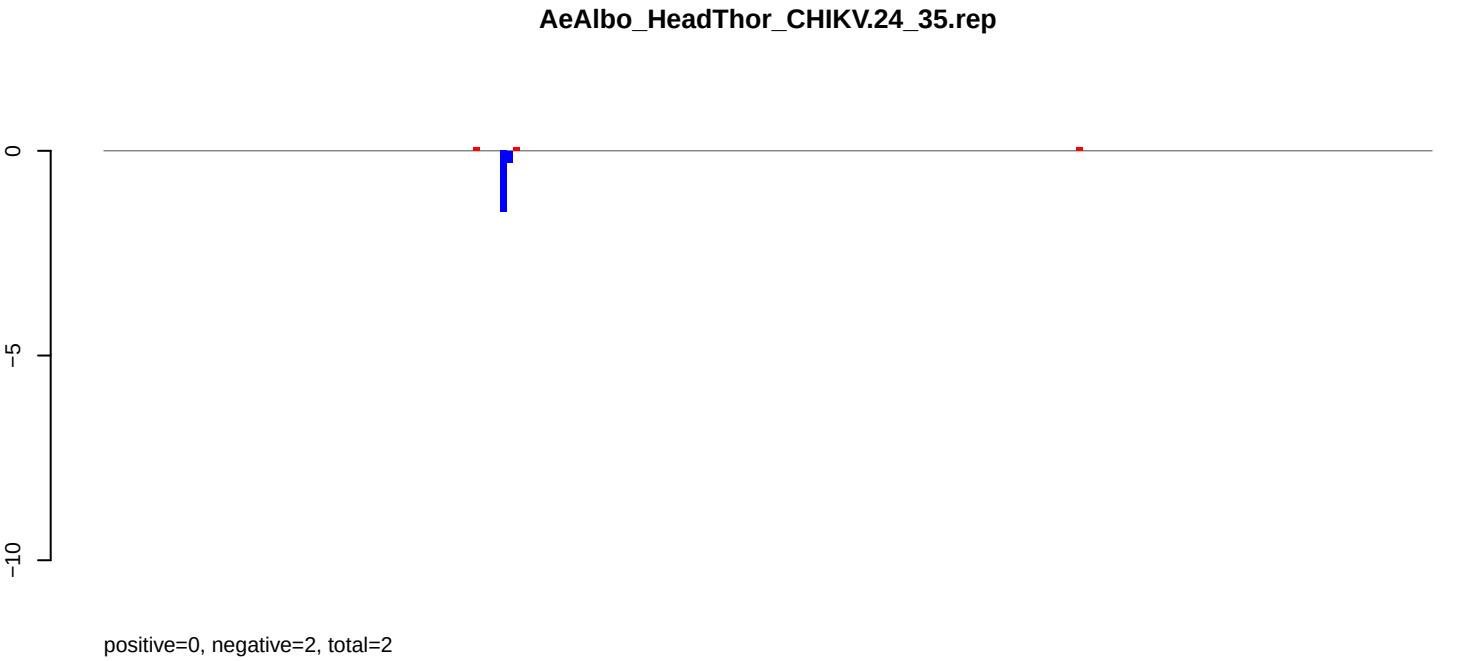

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=1, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=3, total=8
Window size=25, length=4934, TE@ltr−1_family−3894@LINE_RTE−BovB:1−4934
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000
5000

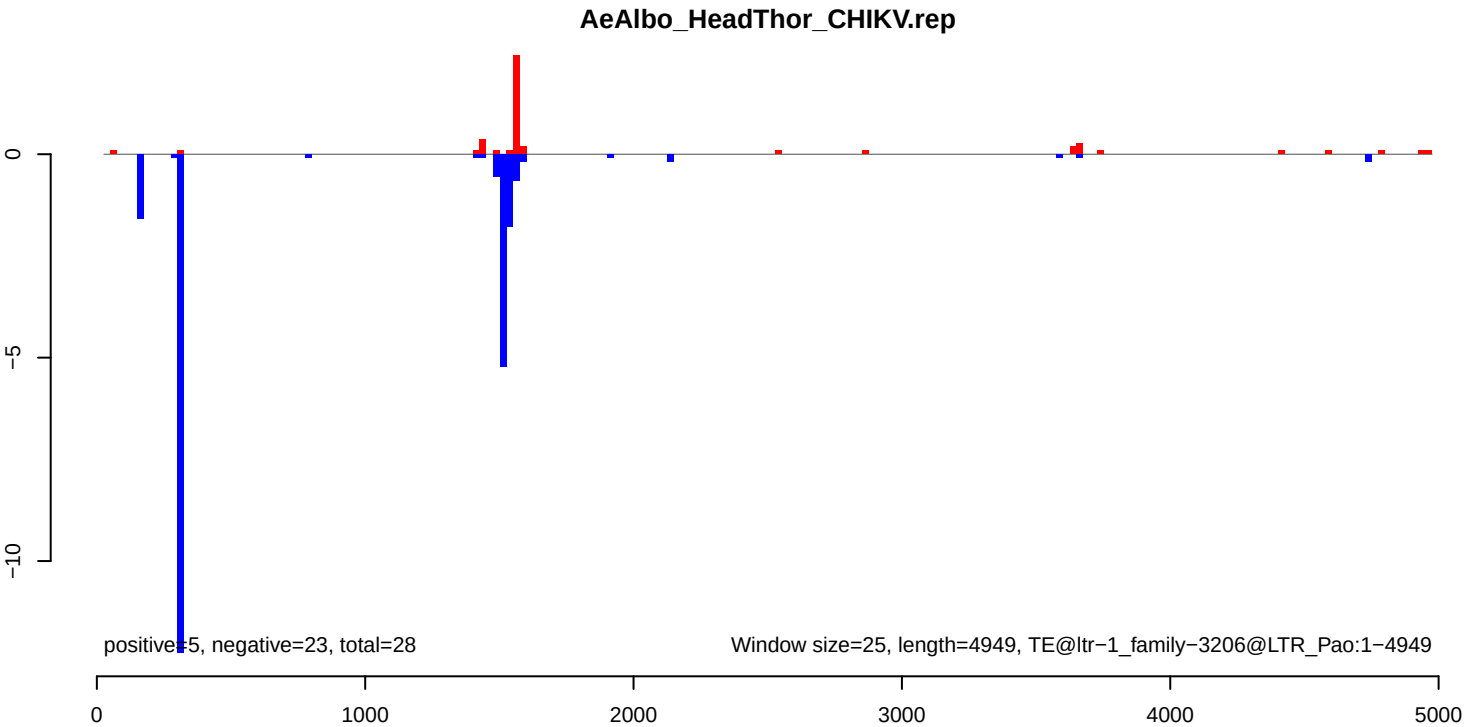

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=5, negative=5, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=86, negative=2, total=88
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=90, negative=7, total=98
Window size=25, length=1611, TE@ltr−1_family−3858@Unknown:1−1611
0
500
1000
1500

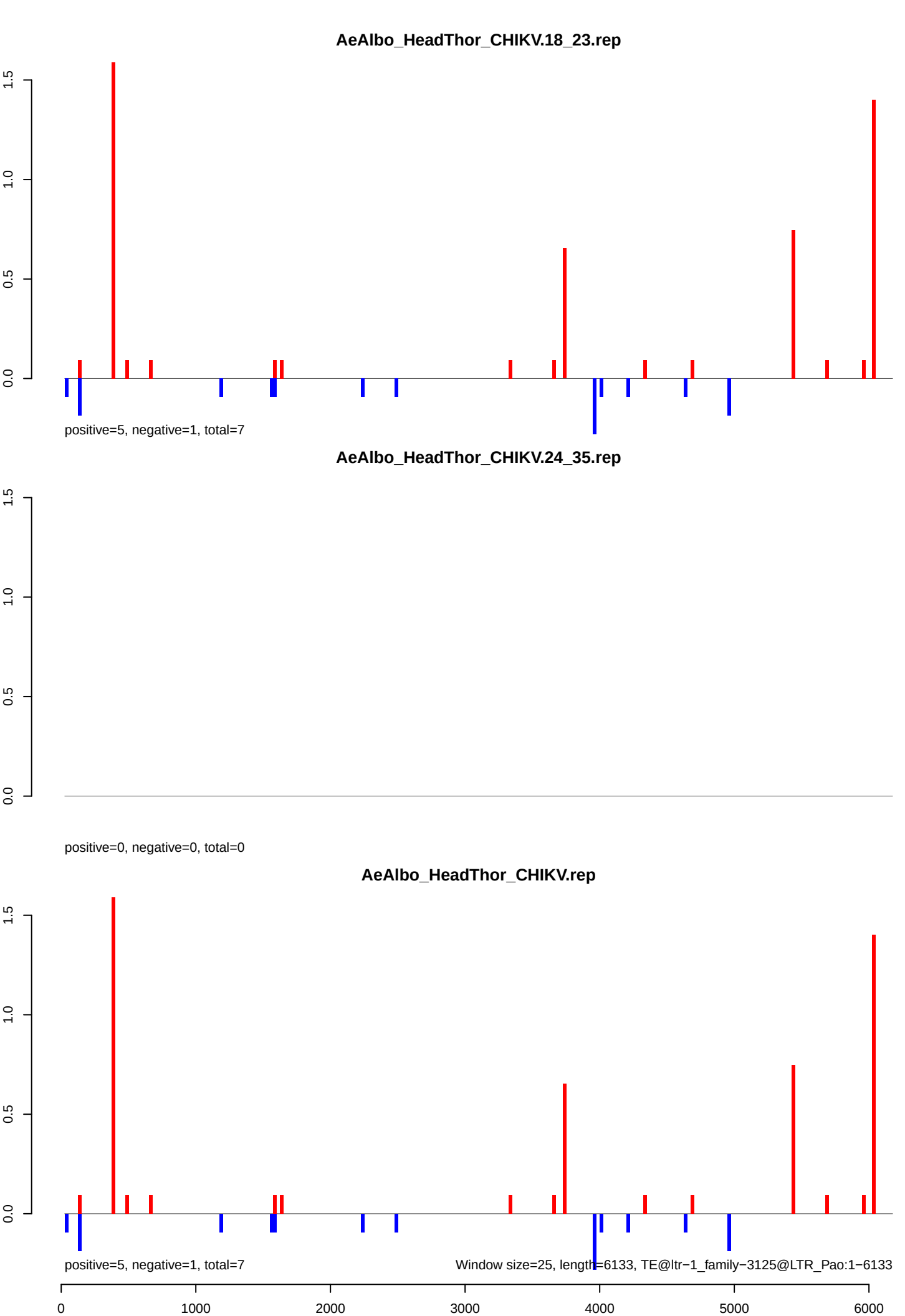

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=3054, TE@ltr−1_family−3332@Unknown:1−3054
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
500
1000
1500
2000
2500
3000

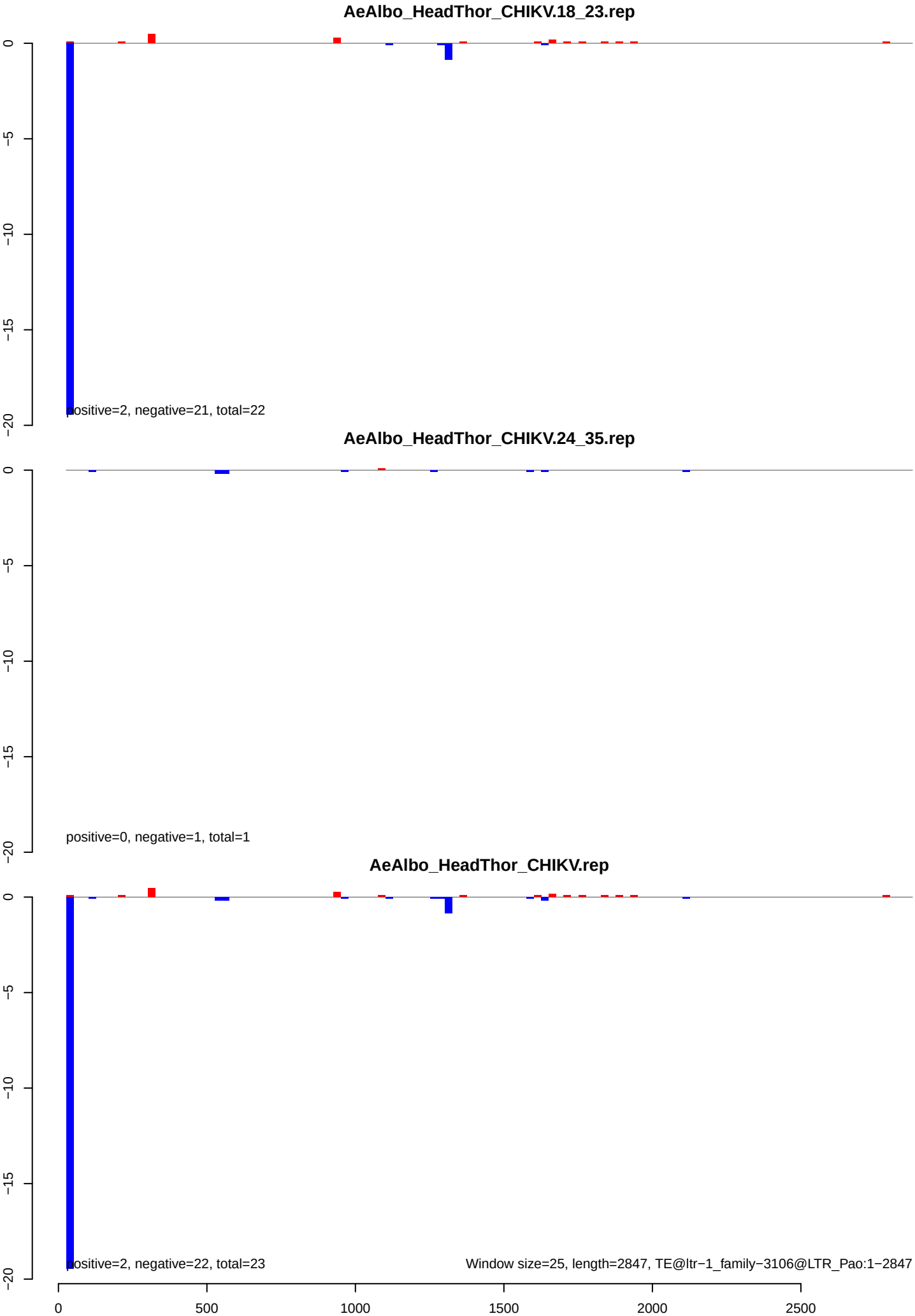

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=2, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=2, total=7
Window size=25, length=5000, TE@ltr−1_family−3246@LTR_Gypsy:1−5000
0
1000
2000
3000
4000
5000

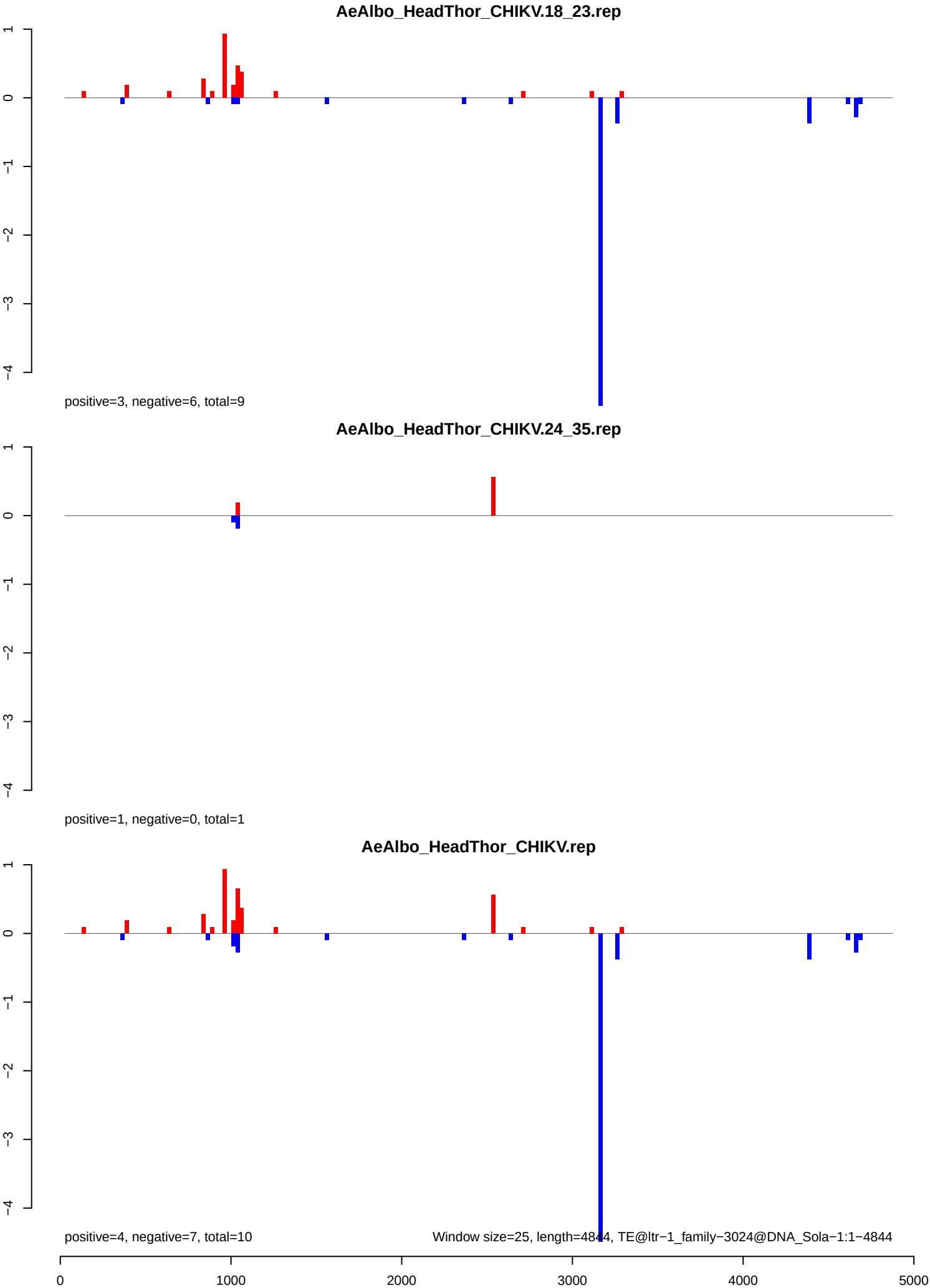

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=4, negative=22, total=26

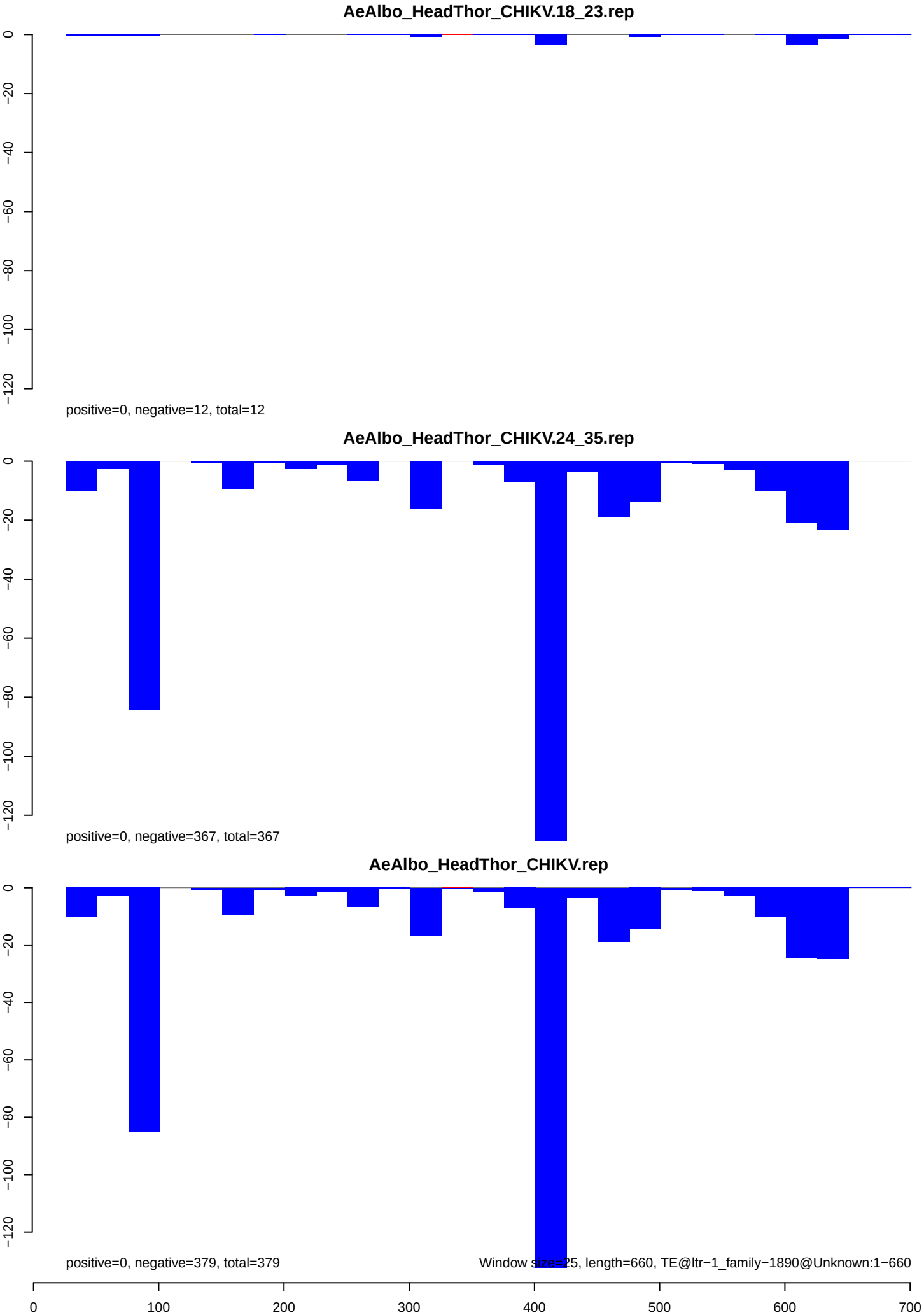

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=0, negative=2, total=2

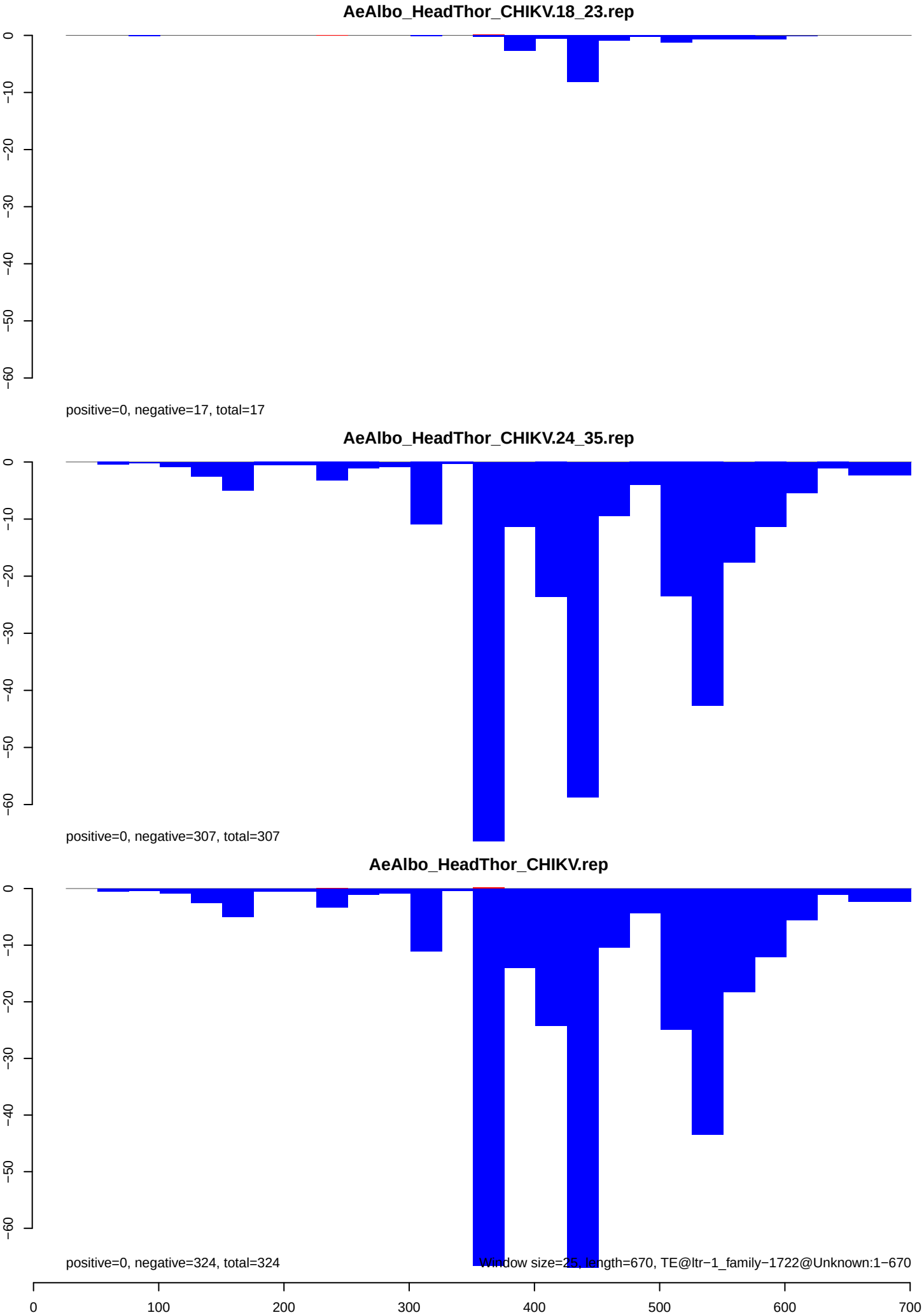

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
positive=5, negative=23, total=28
Window size=25, length=4949, TE@ltr−1_family−3206@LTR_Pao:1−4949
0
1000
2000
3000
4000
5000

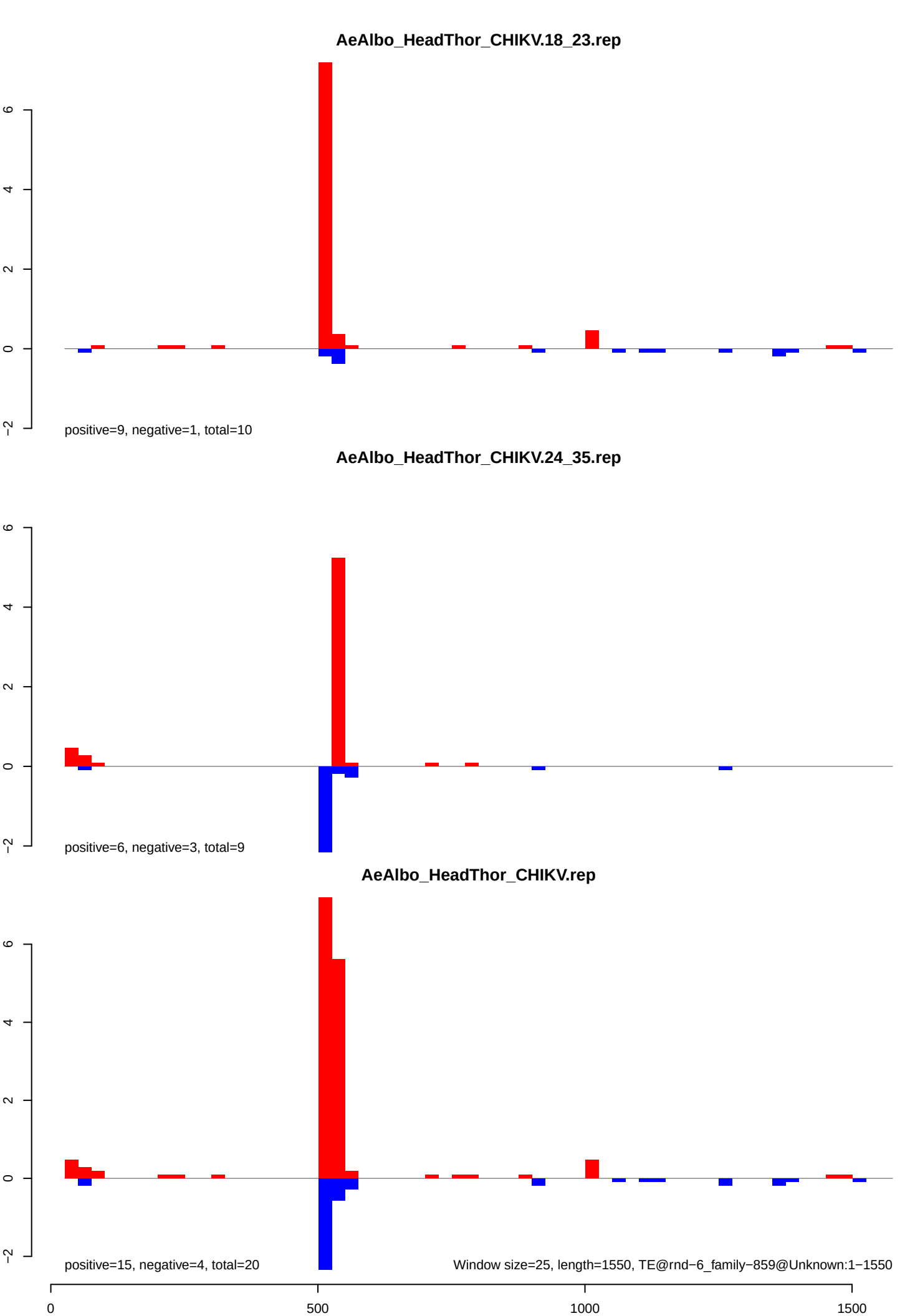

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=5, negative=1, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=5, negative=1, total=7
Window size=25, length=6133, TE@ltr−1_family−3125@LTR_Pao:1−6133
0
1000
2000
3000
4000
5000
6000

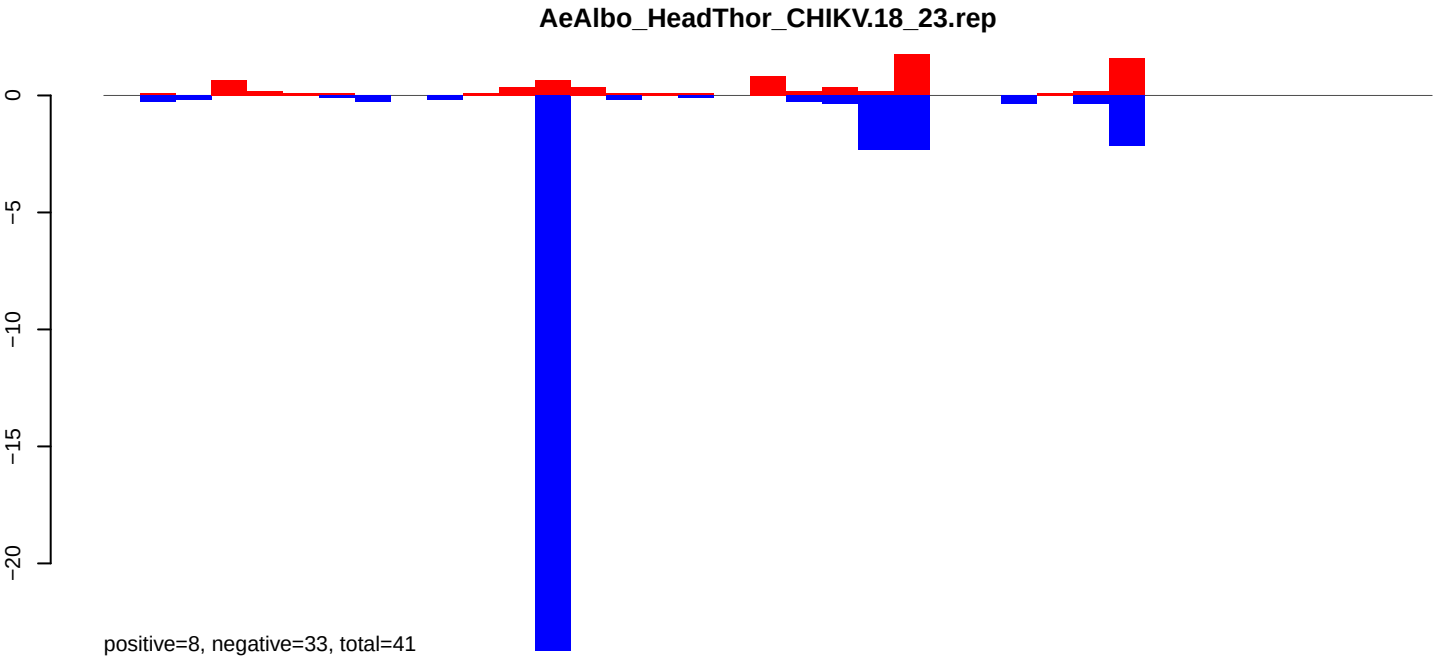

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=21, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=22, total=23
Window size=25, length=2847, TE@ltr−1_family−3106@LTR_Pao:1−2847
0
500
1000
1500
2000
2500

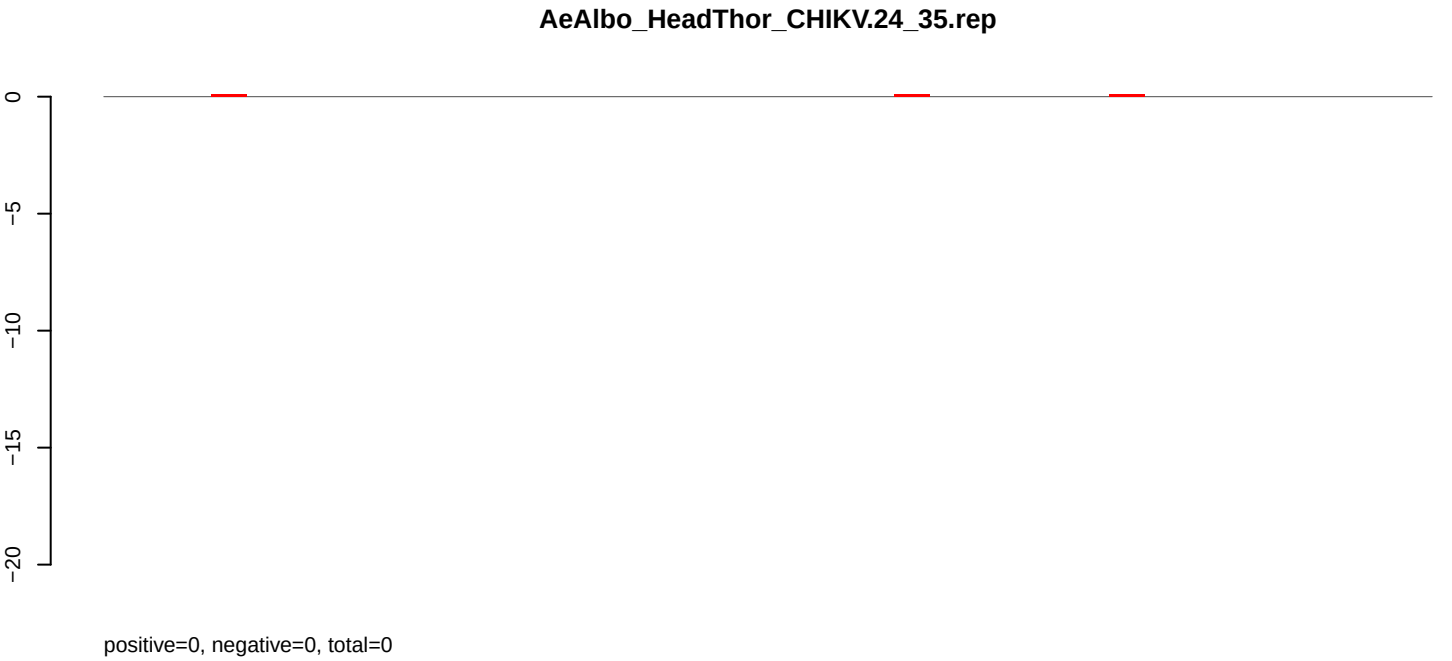

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=7, total=10
Window size=25, length=4844, TE@ltr−1_family−3024@DNA_Sola−1:1−4844
1
0
−1
−2
−3
−4
0
1000
2000
3000
4000
5000

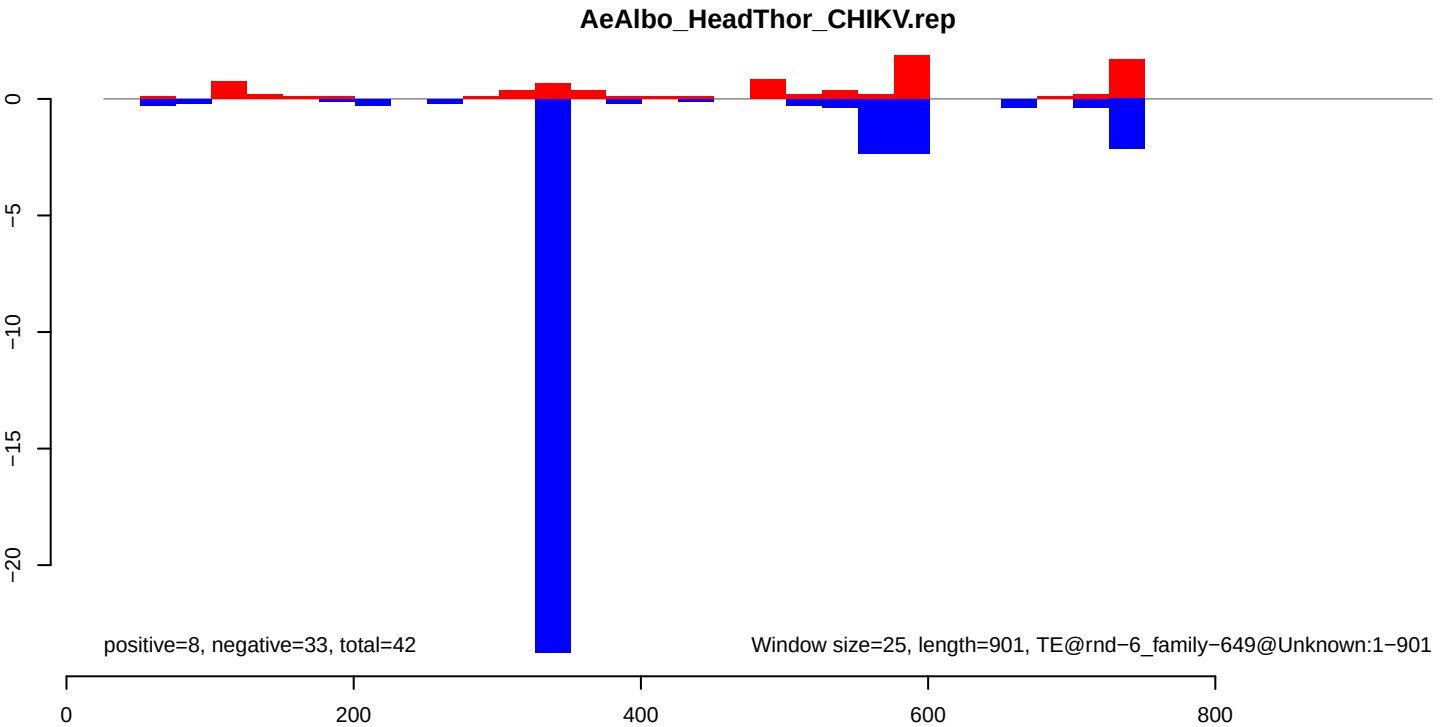

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
−120
positive=0, negative=12, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=367, total=367
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=379, total=379
Window size=25, length=660, TE@ltr−1_family−1890@Unknown:1−660
0
100
200
300
400
500
600
700

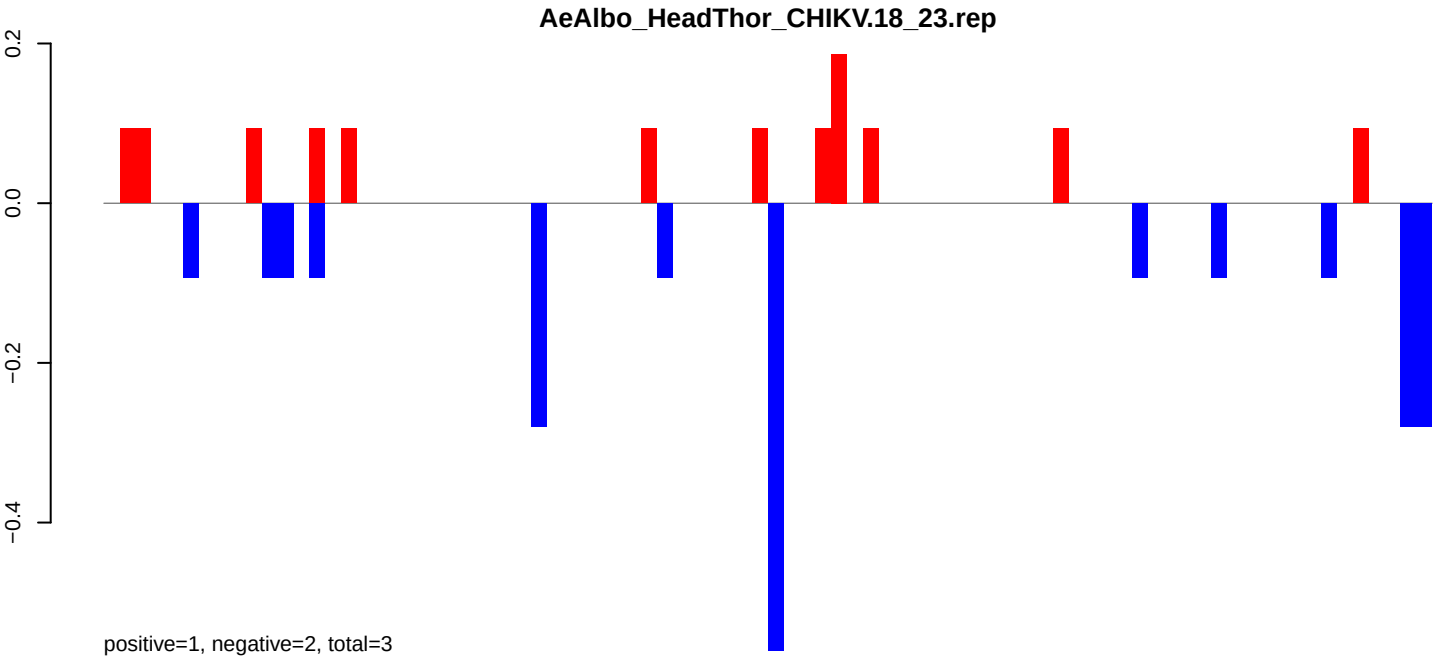

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
−60
positive=0, negative=17, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=307, total=307
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=324, total=324
Window size=25, length=670, TE@ltr−1_family−1722@Unknown:1−670
0
100
200
300
400
500
600
700

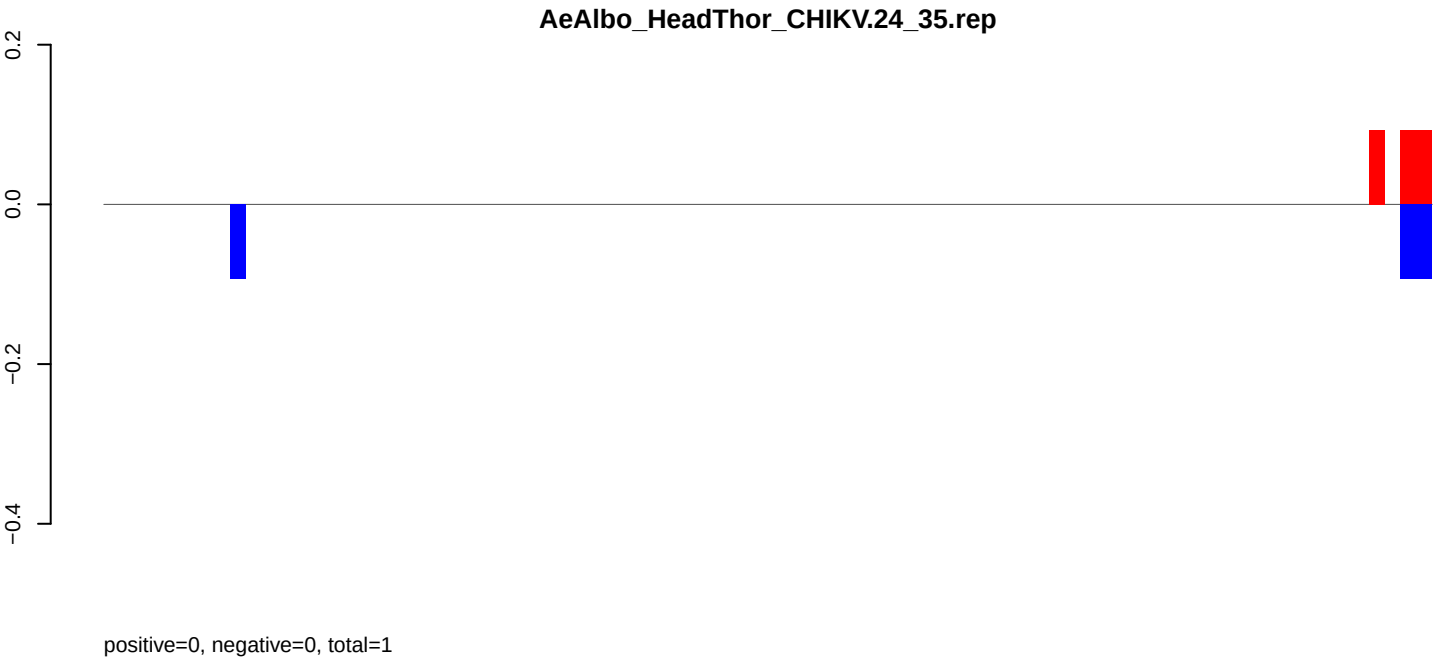

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=1, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=6, negative=3, total=9
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=4, total=20
Window size=25, length=1550, TE@rnd−6_family−859@Unknown:1−1550
0
500
1000
1500

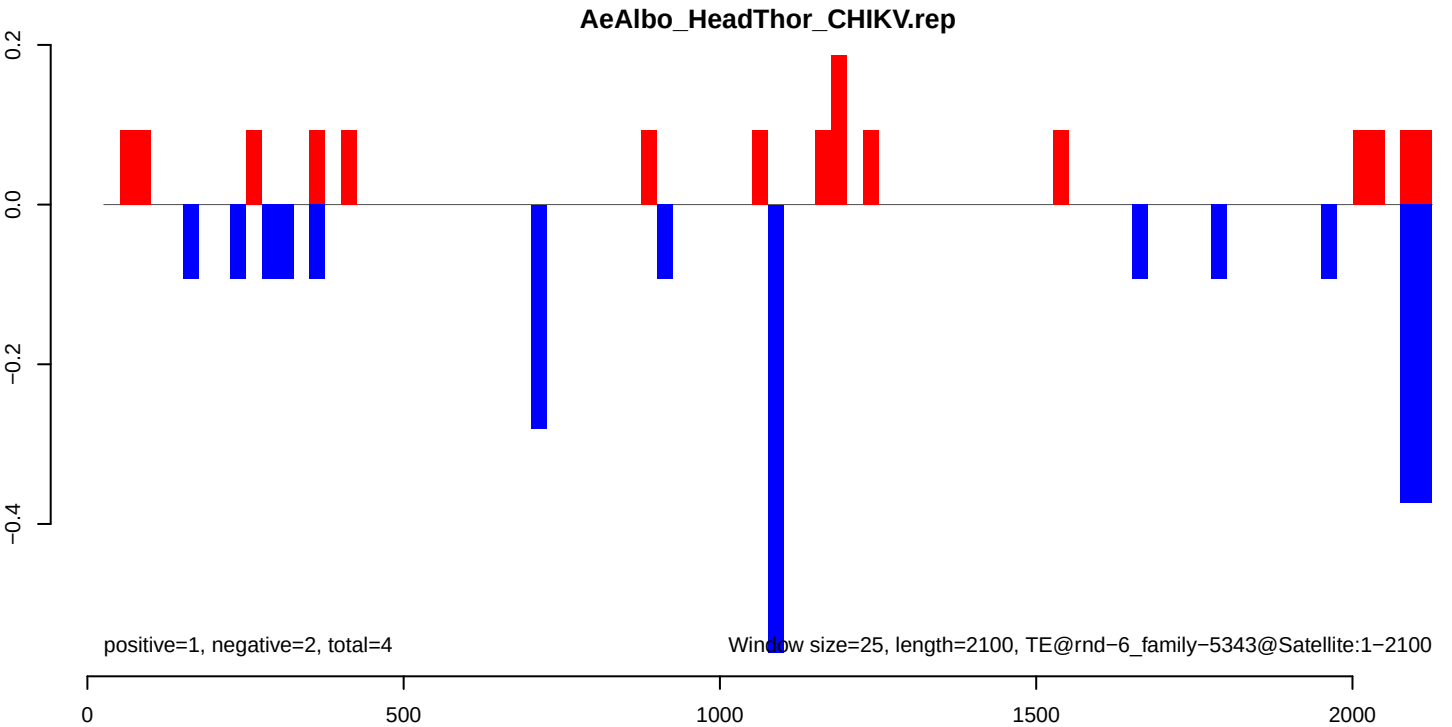

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=8, negative=33, total=41

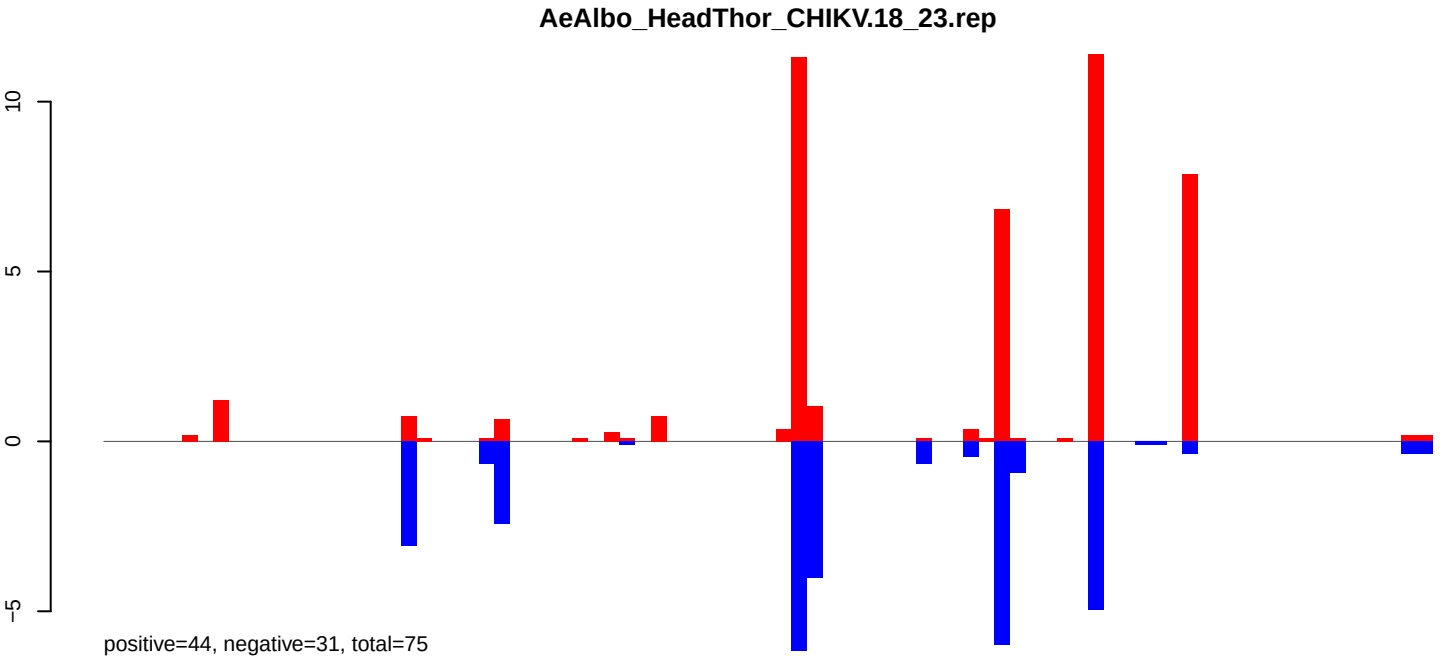

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0

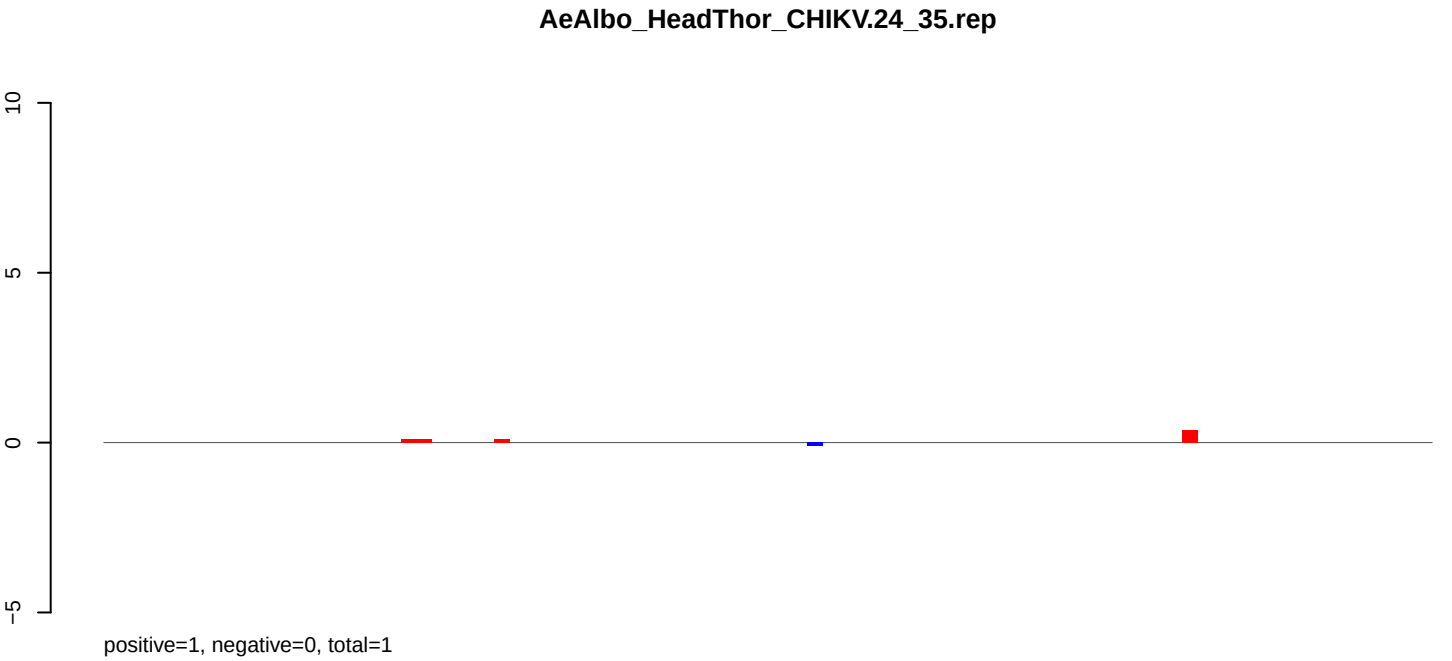

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=8, negative=33, total=42
Window size=25, length=901, TE@rnd−6_family−649@Unknown:1−901
0
200
400
600
800

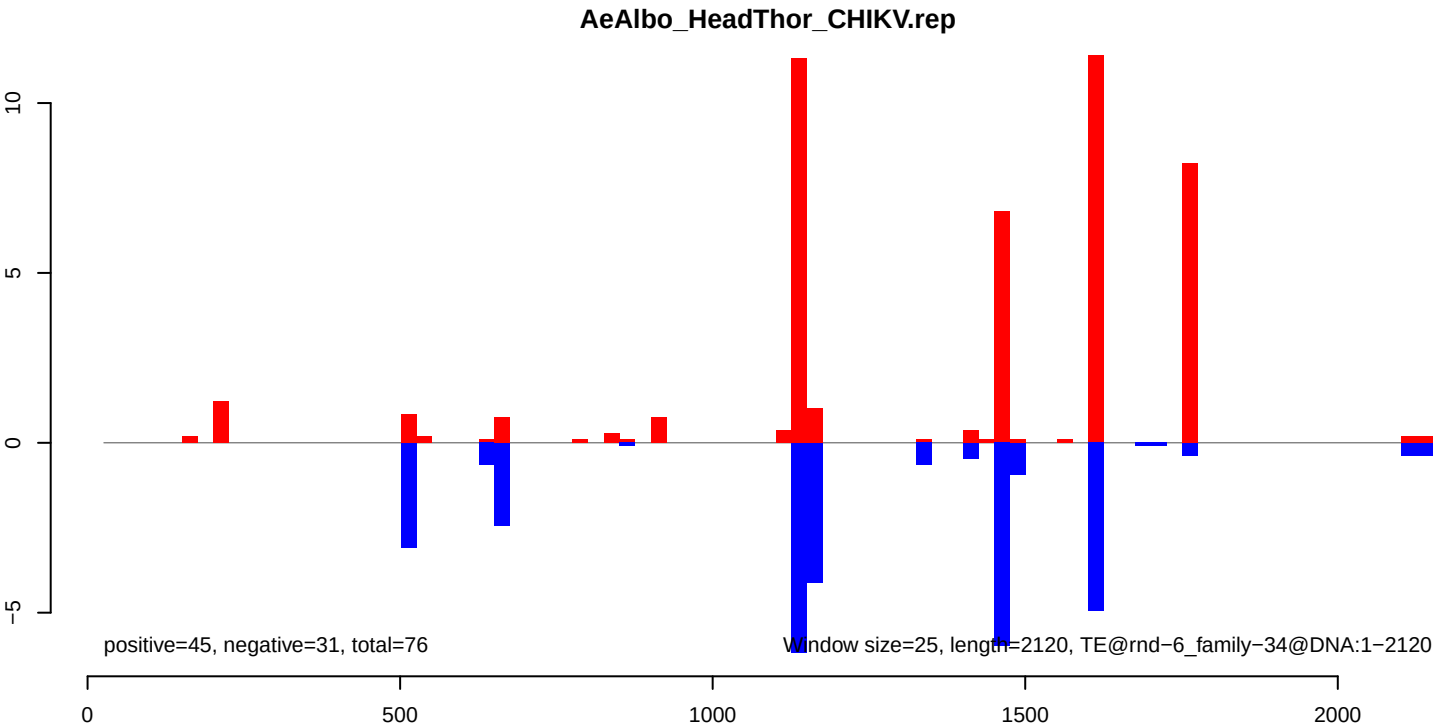

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=3

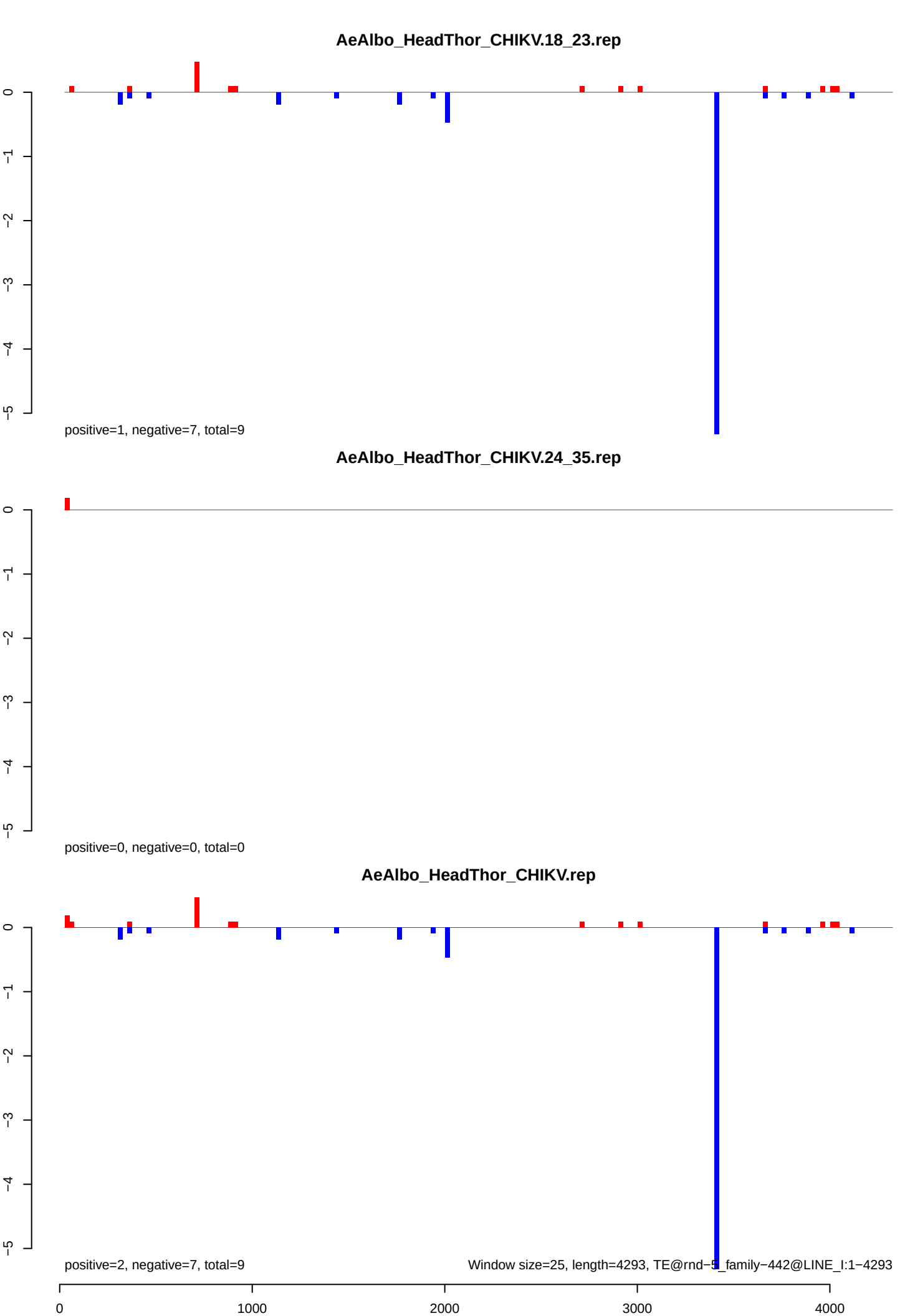

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=1

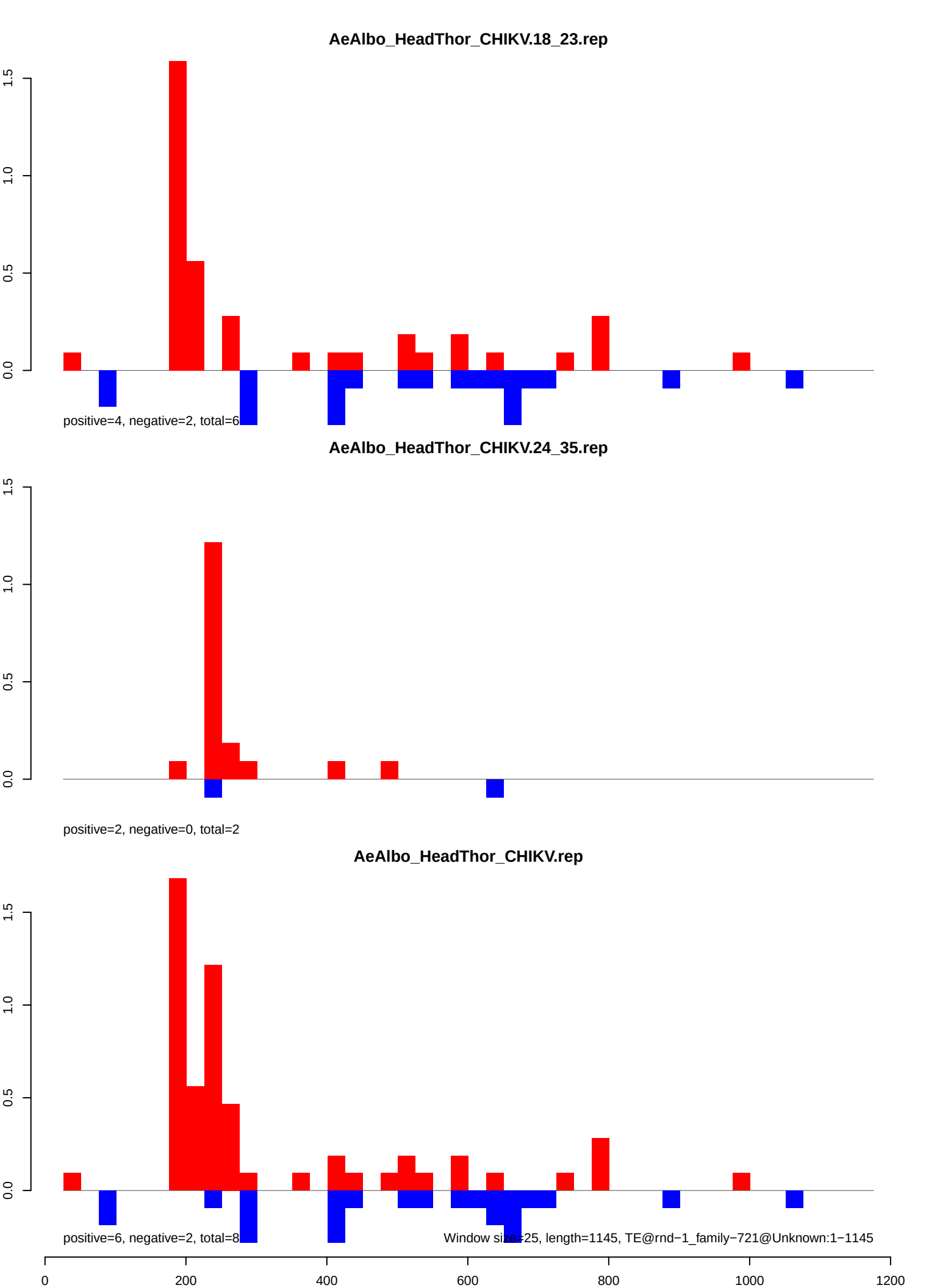

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=4
Window size=25, length=2100, TE@rnd−6_family−5343@Satellite:1−2100
0
500
1000
1500
2000

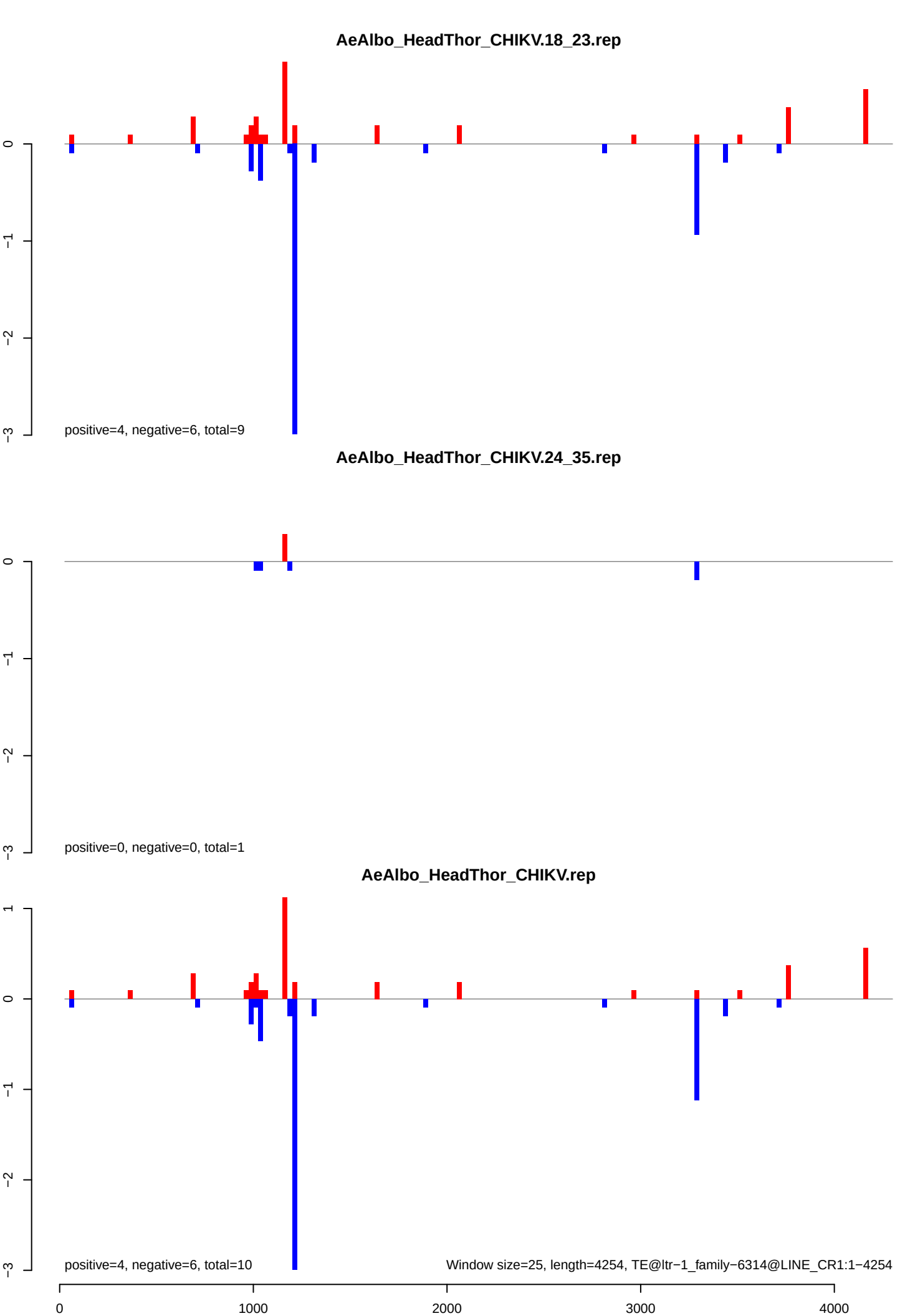

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
positive=44, negative=31, total=75

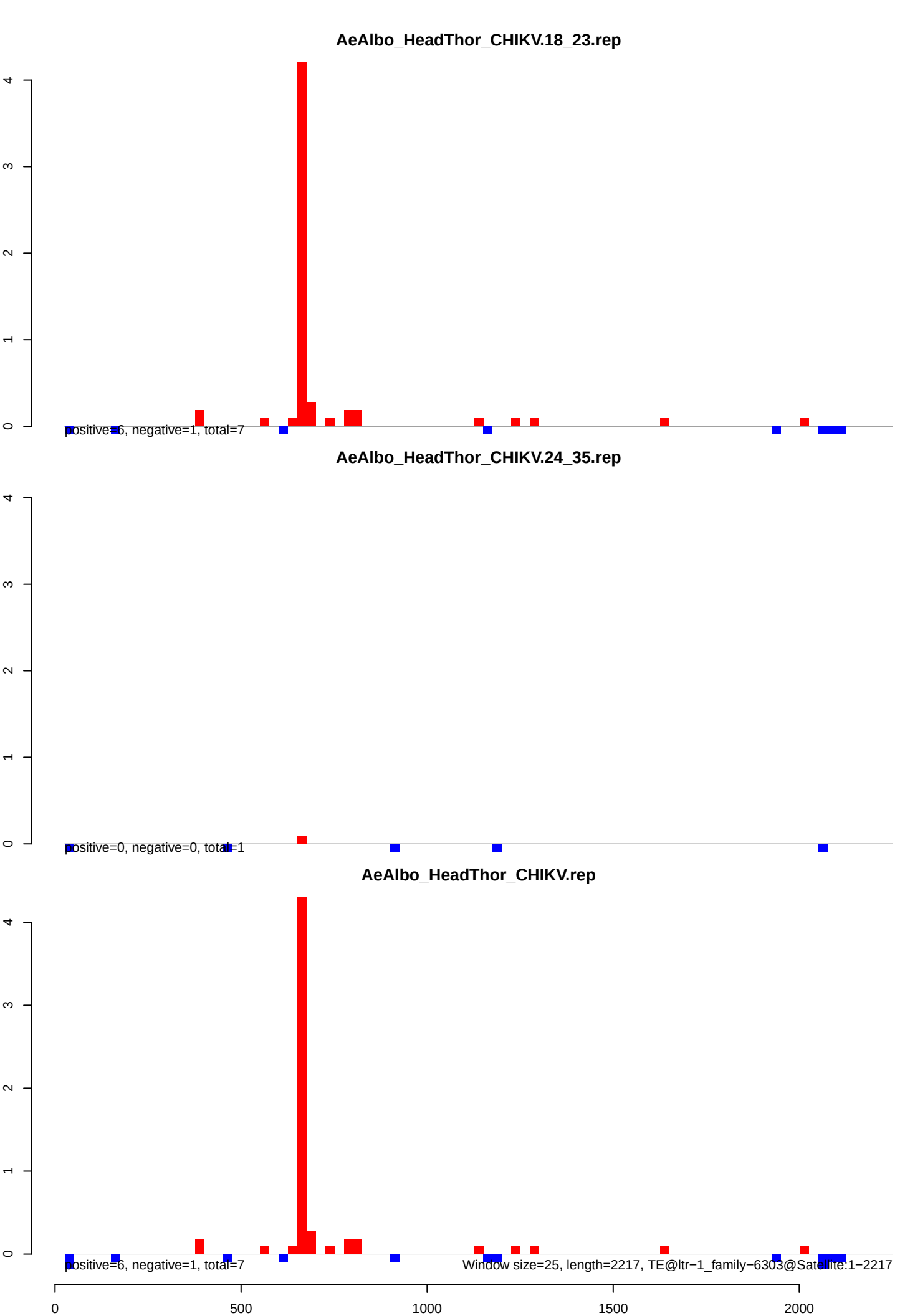

AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
positive=1, negative=0, total=1

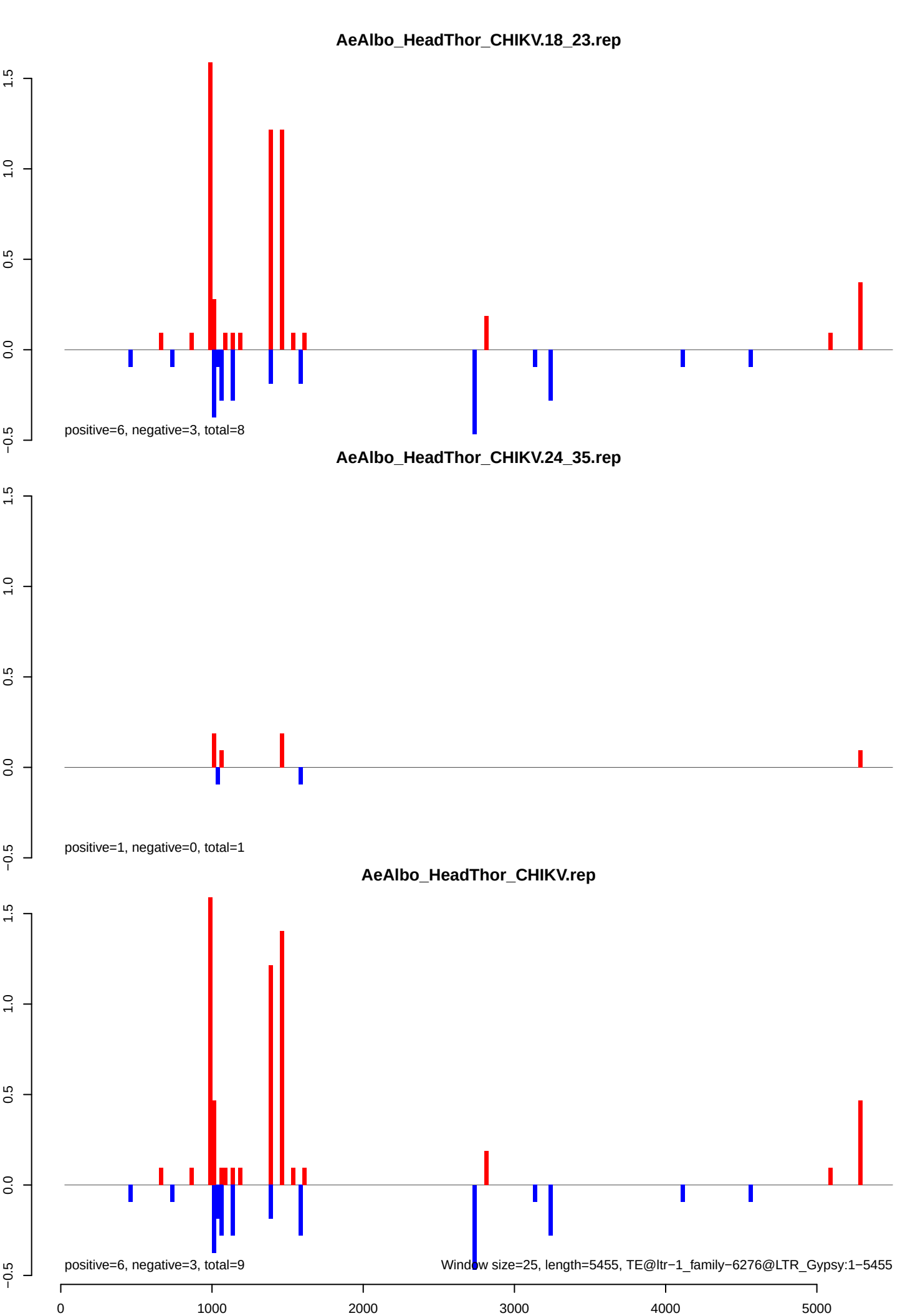

AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
positive=45, negative=31, total=76
Window size=25, length=2120, TE@rnd−6_family−34@DNA:1−2120
0
500
1000
1500
2000

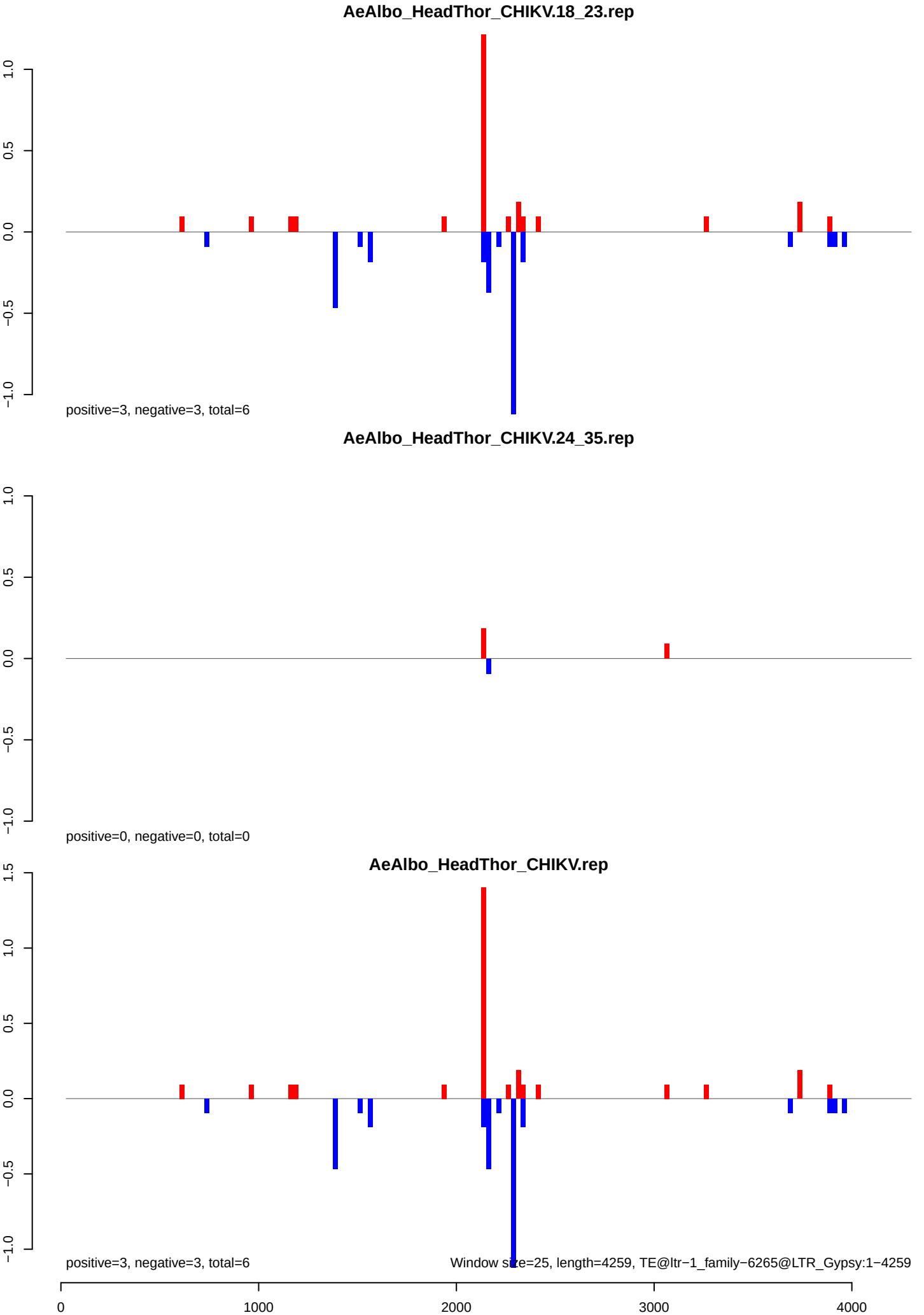

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=1, negative=7, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=2, negative=7, total=9
Window size=25, length=4293, TE@rnd−5_family−442@LINE_I:1−4293
0
1000
2000
3000
4000

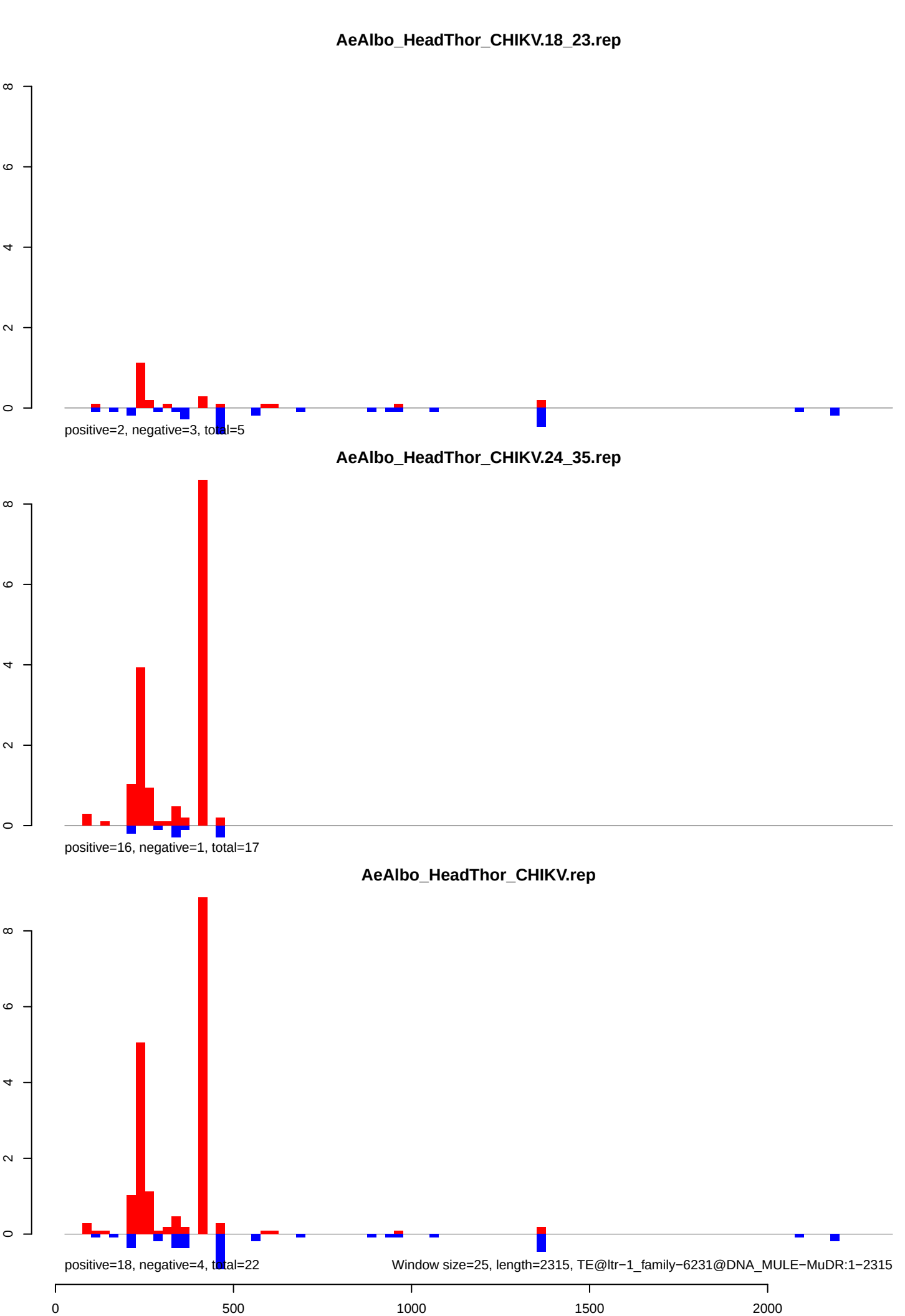

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=6, negative=2, total=8
Window size=25, length=1145, TE@rnd−1_family−721@Unknown:1−1145
0
200
400
600
800
1000
1200


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=6, total=10
Window size=25, length=4254, TE@ltr−1_family−6314@LINE_CR1:1−4254
0
1000
2000
3000
4000

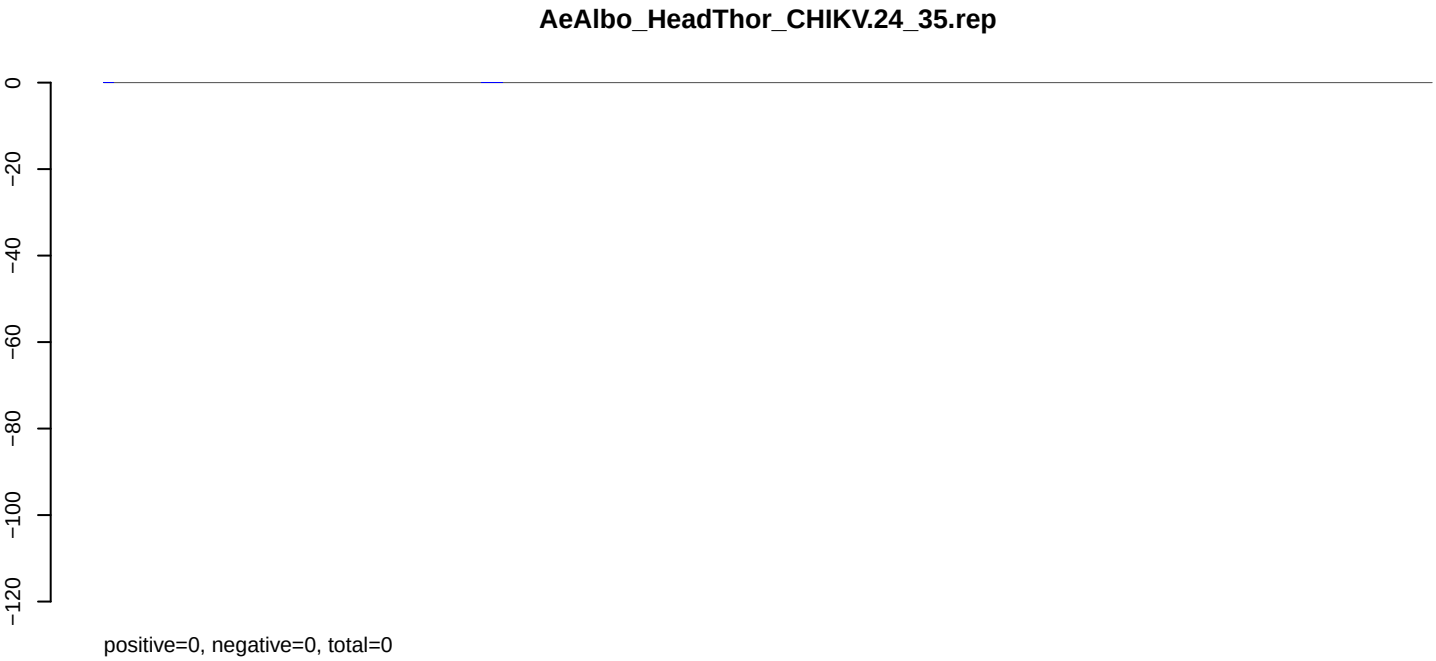

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=1, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=1, total=7
Window size=25, length=2217, TE@ltr−1_family−6303@Satellite:1−2217
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
positive=6, negative=3, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=6, negative=3, total=9
Window size=25, length=5455, TE@ltr−1_family−6276@LTR_Gypsy:1−5455
0
1000
2000
3000
4000
5000

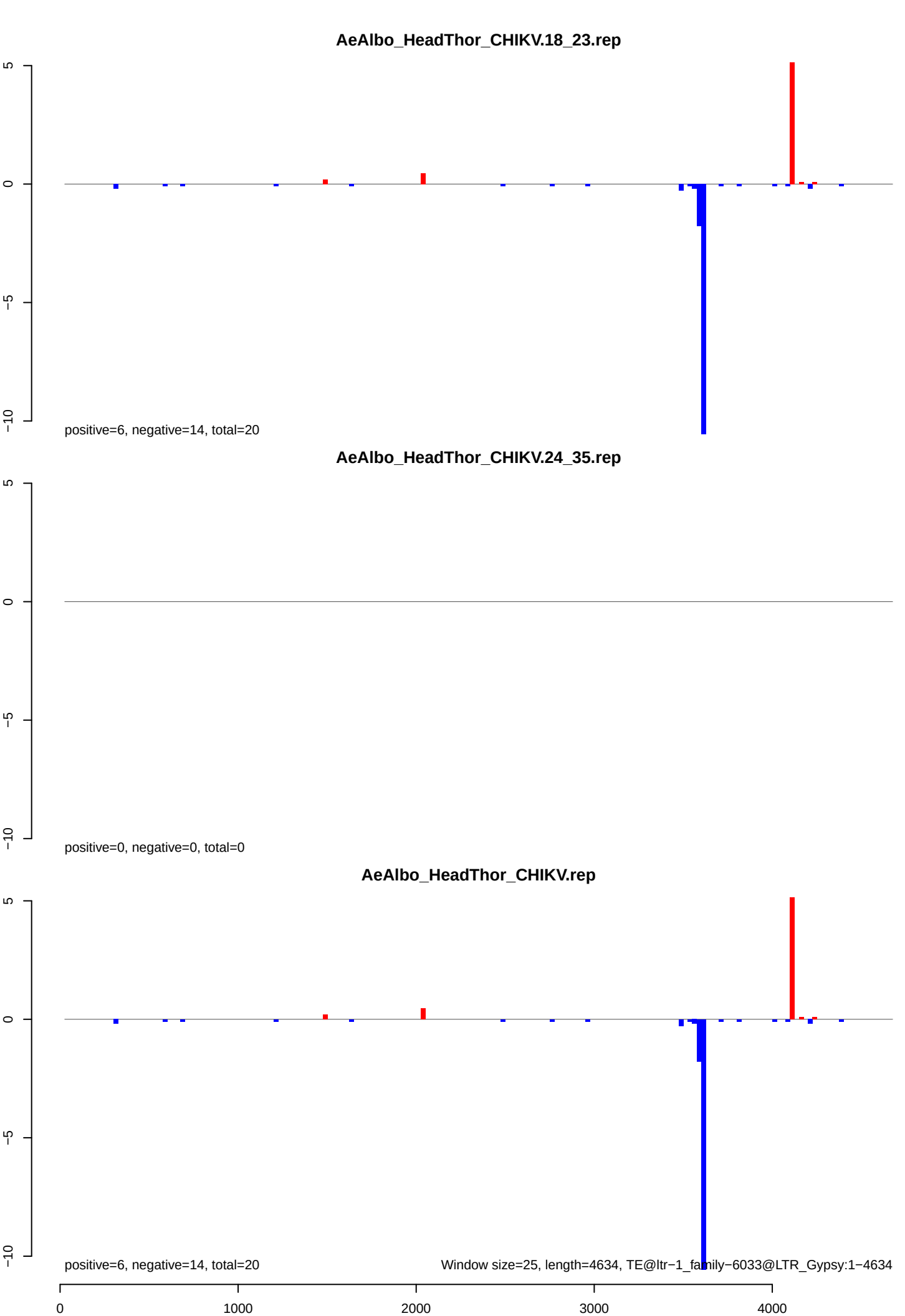

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
Window size=25, length=4259, TE@ltr−1_family−6265@LTR_Gypsy:1−4259
0
1000
2000
3000
4000

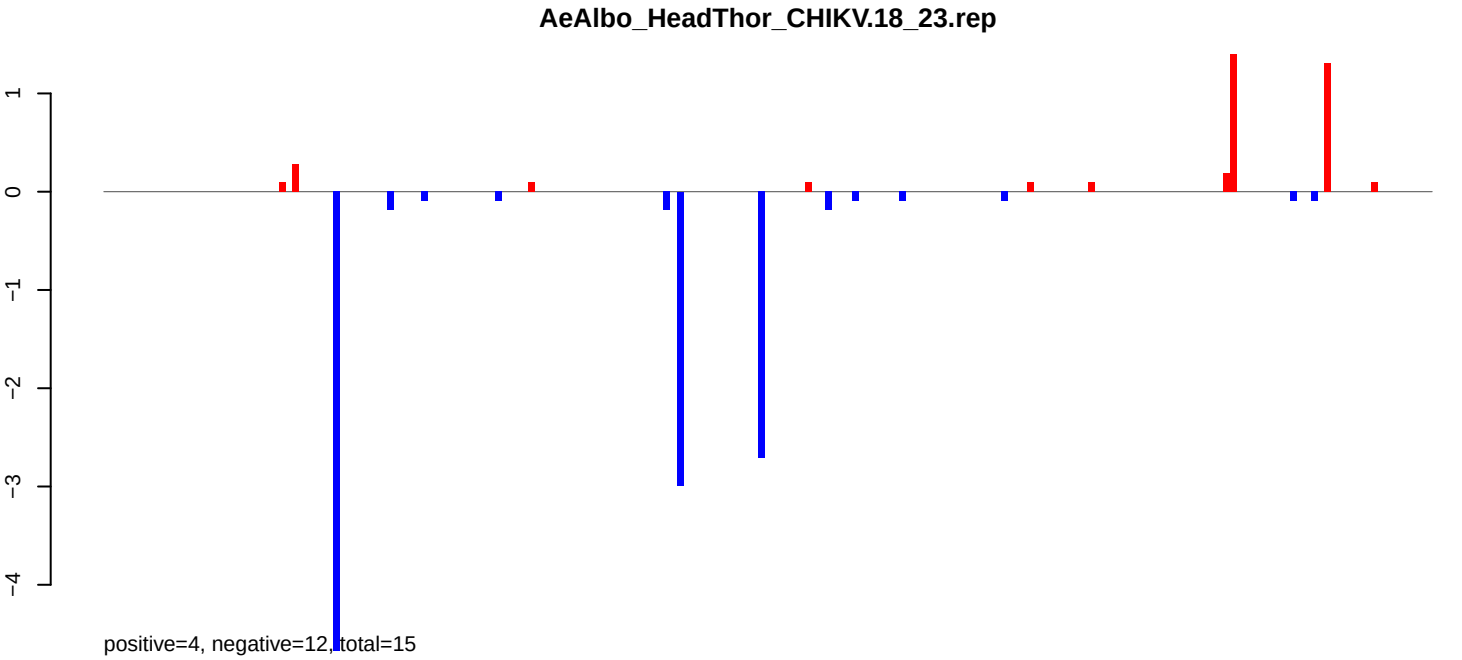

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=16, negative=1, total=17
AeAlbo_HeadThor_CHIKV.rep
positive=18, negative=4, total=22
Window size=25, length=2315, TE@ltr−1_family−6231@DNA_MULE−MuDR:1−2315
0
500
1000
1500
2000

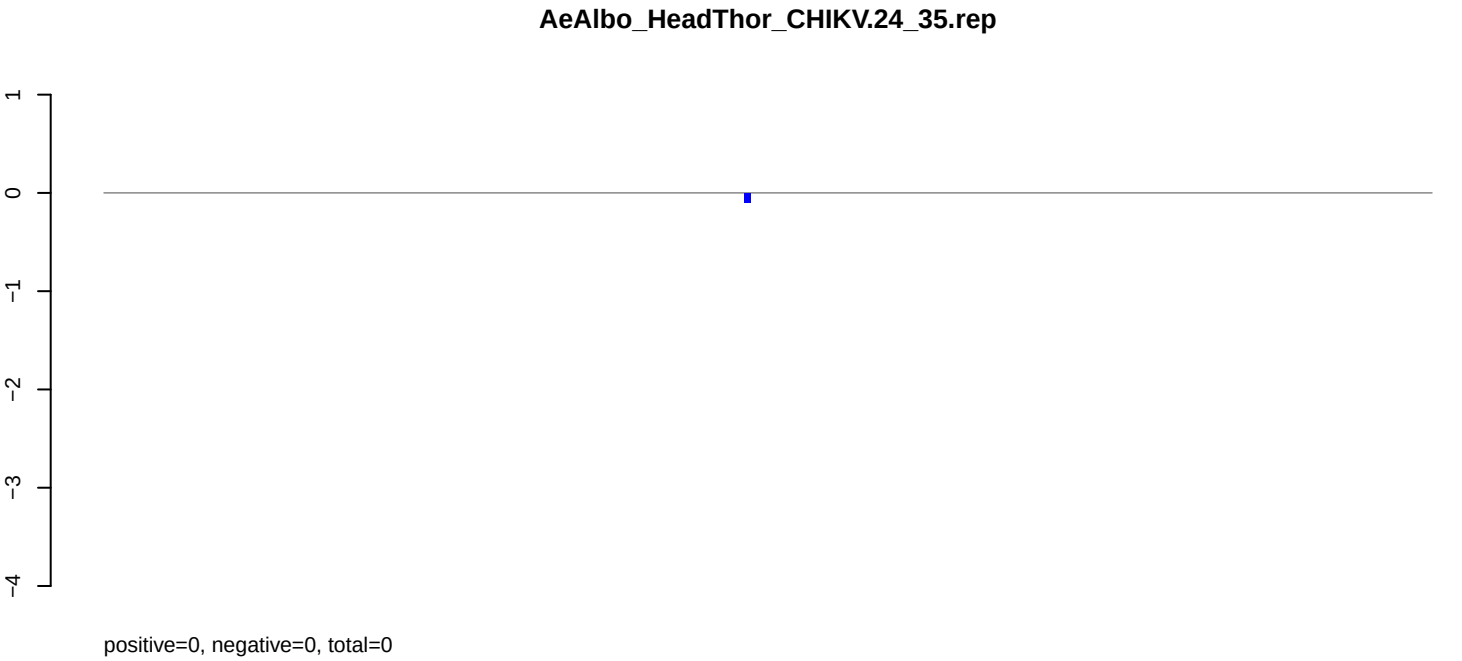
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
−120
positive=14, negative=138, total=152

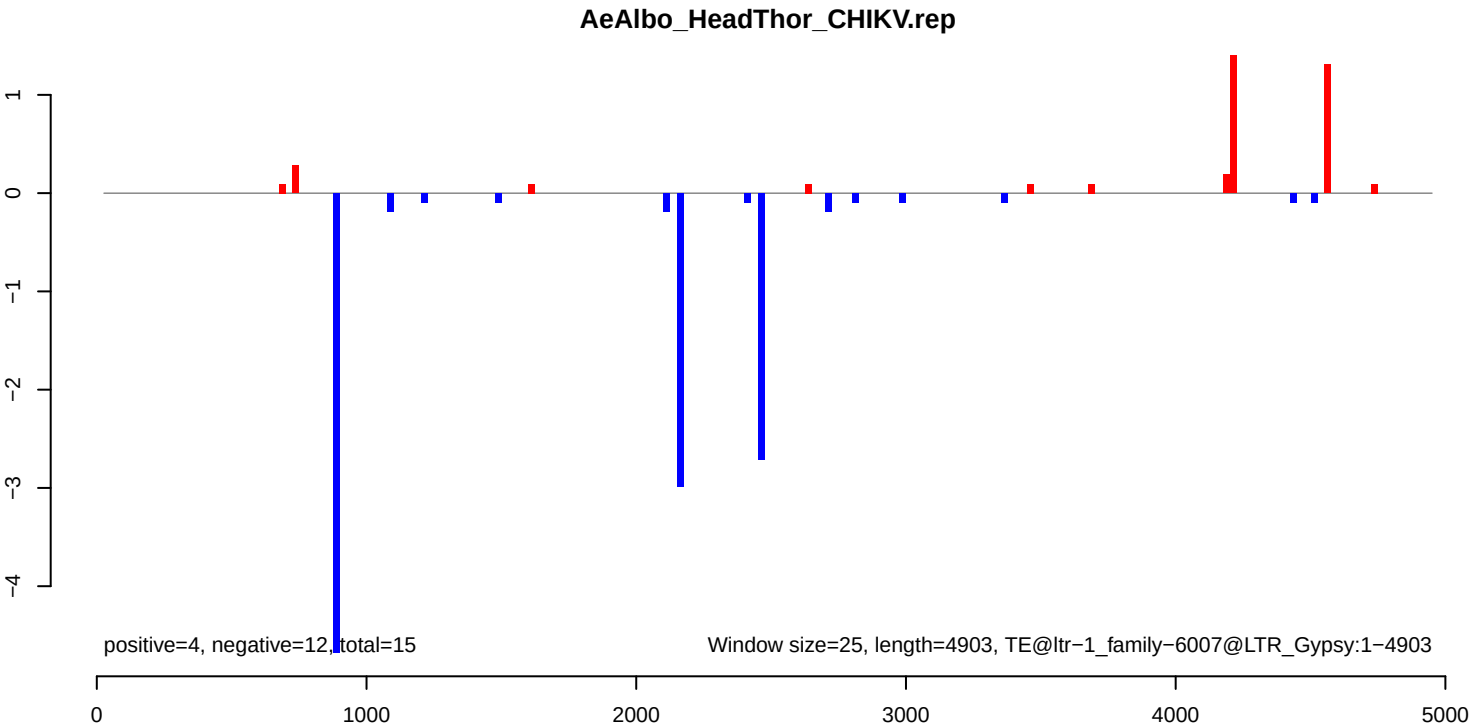

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
−120
positive=0, negative=0, total=0

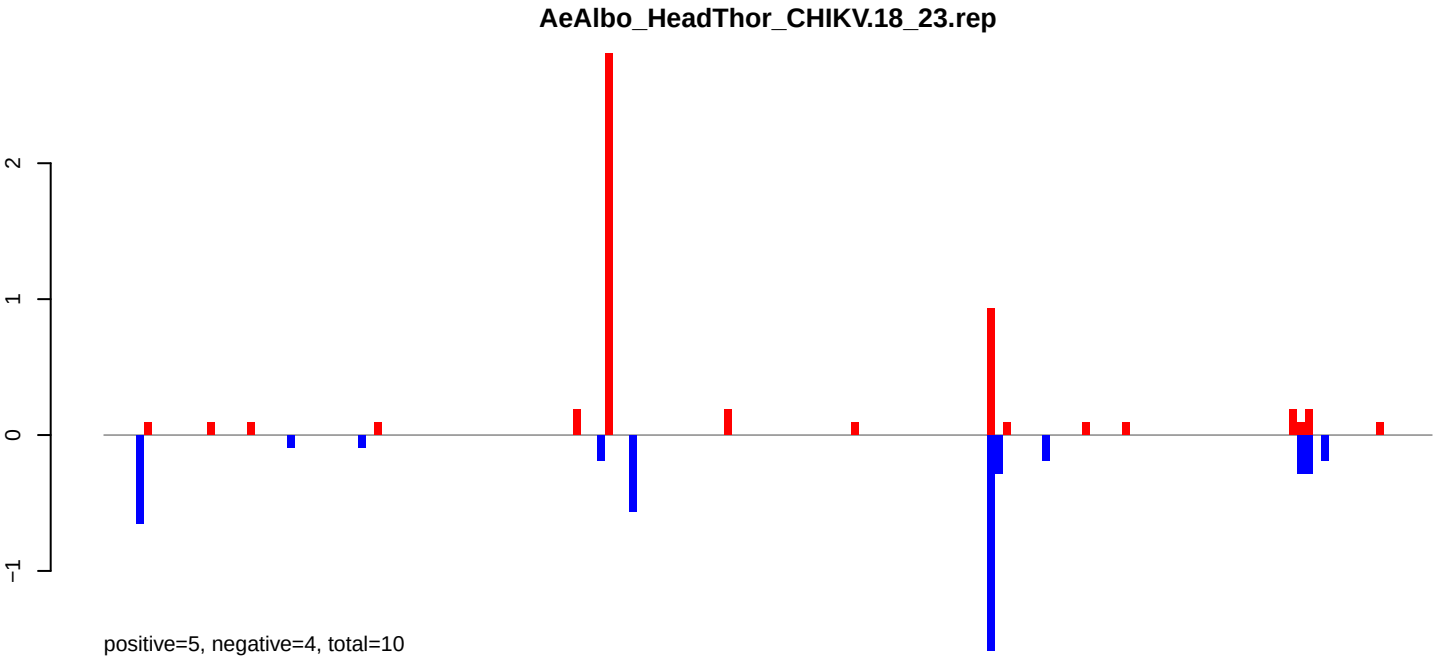
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
−120
positive=14, negative=138, total=152
Window size=25, length=3232, TE@ltr−1_family−6117@LTR_Gypsy:1−3232
0
500
1000
1500
2000
2500
3000


AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
positive=6, negative=14, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
positive=6, negative=14, total=20
Window size=25, length=4634, TE@ltr−1_family−6033@LTR_Gypsy:1−4634
0
1000
2000
3000
4000

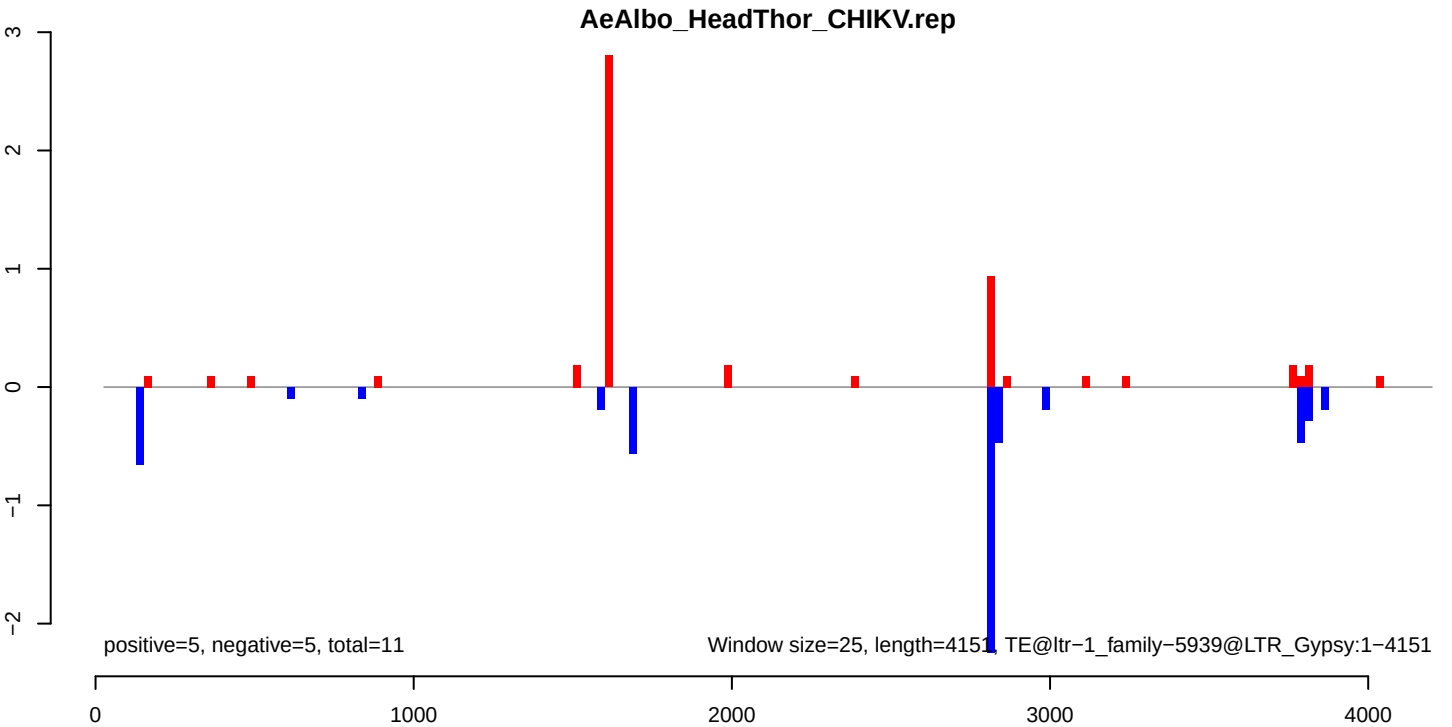

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
−4
positive=4, negative=12, total=15

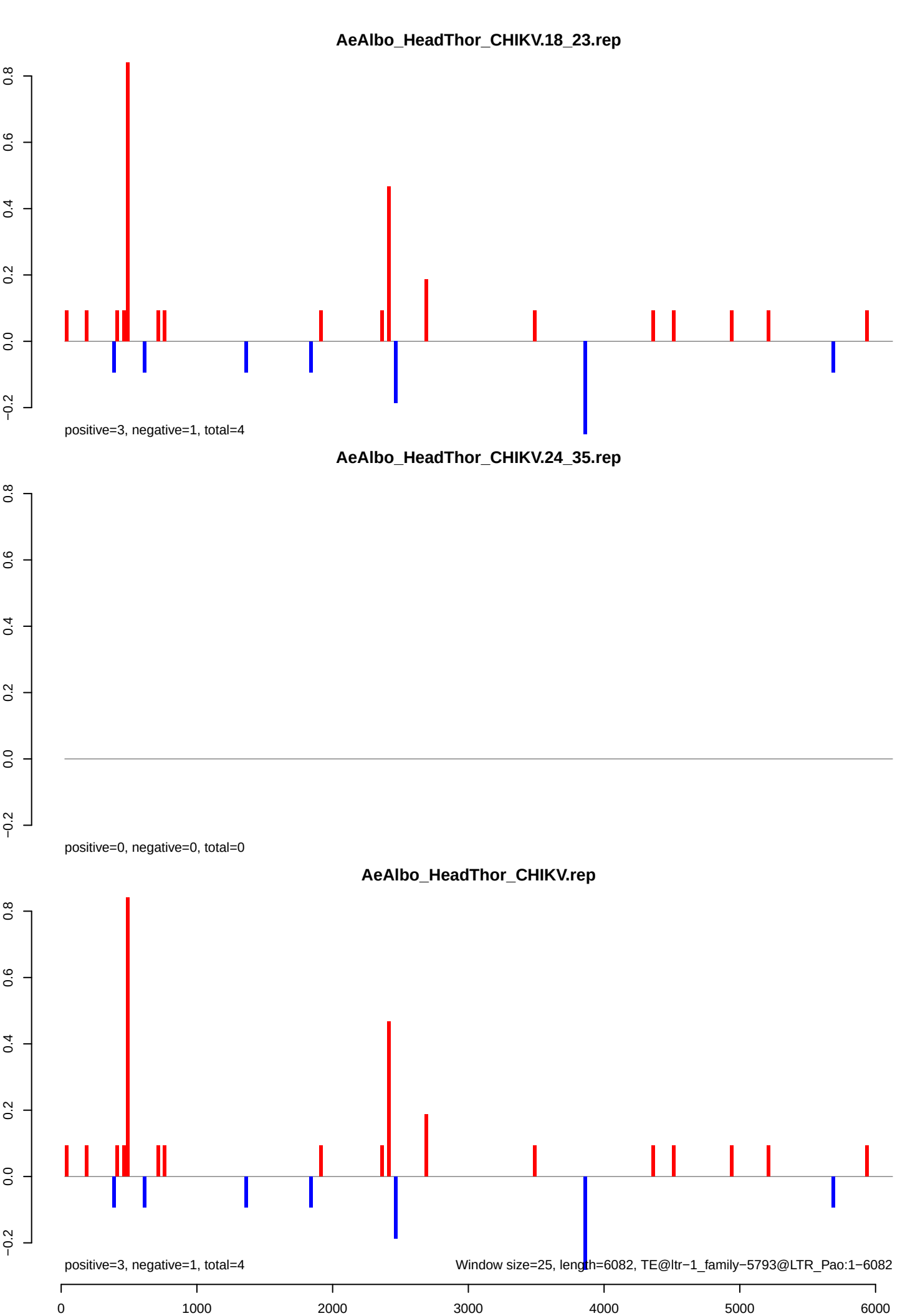

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
−4
positive=0, negative=0, total=0

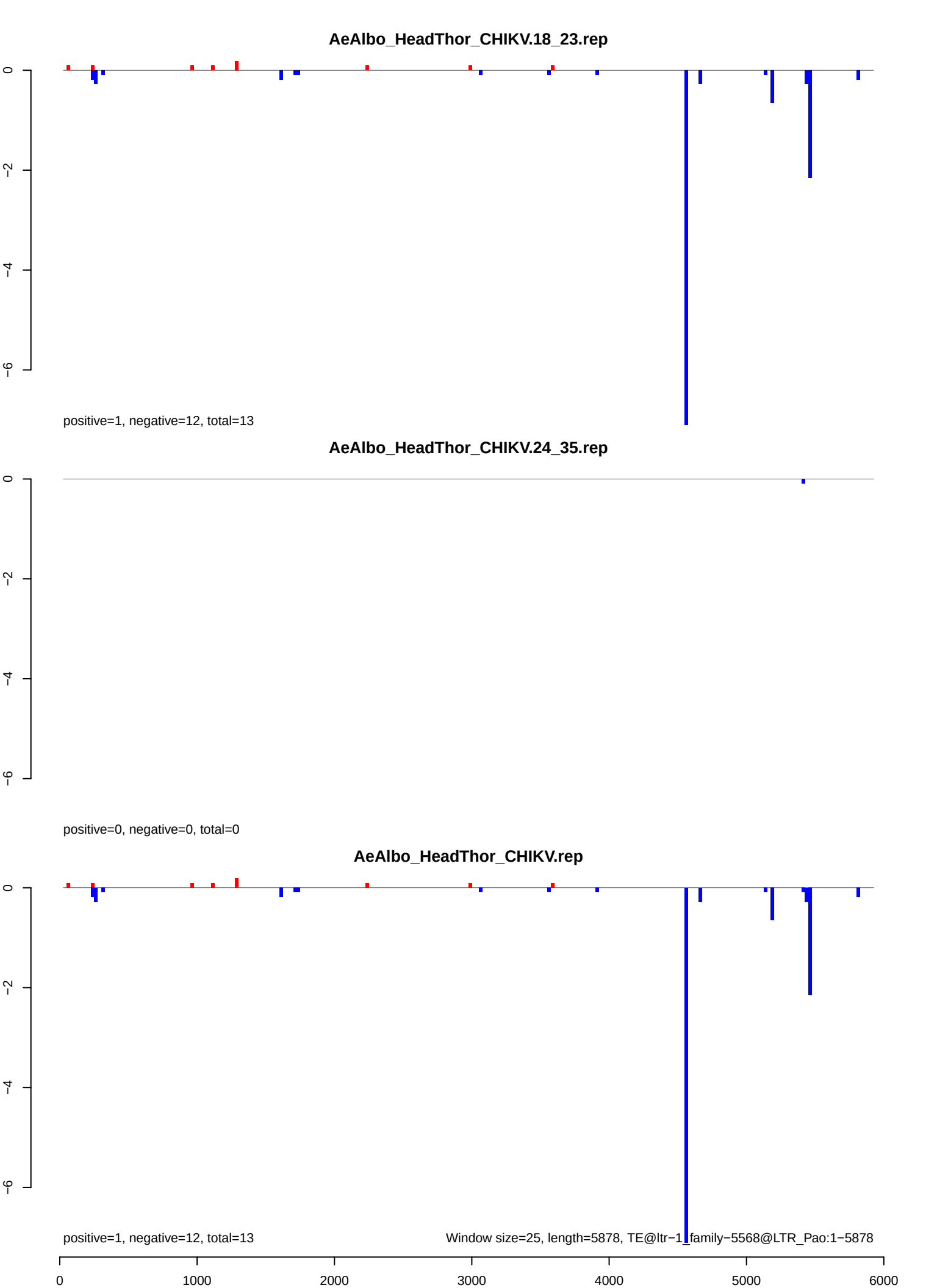

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
−4
positive=4, negative=12, total=15
Window size=25, length=4903, TE@ltr−1_family−6007@LTR_Gypsy:1−4903
0
1000
2000
3000
4000
5000

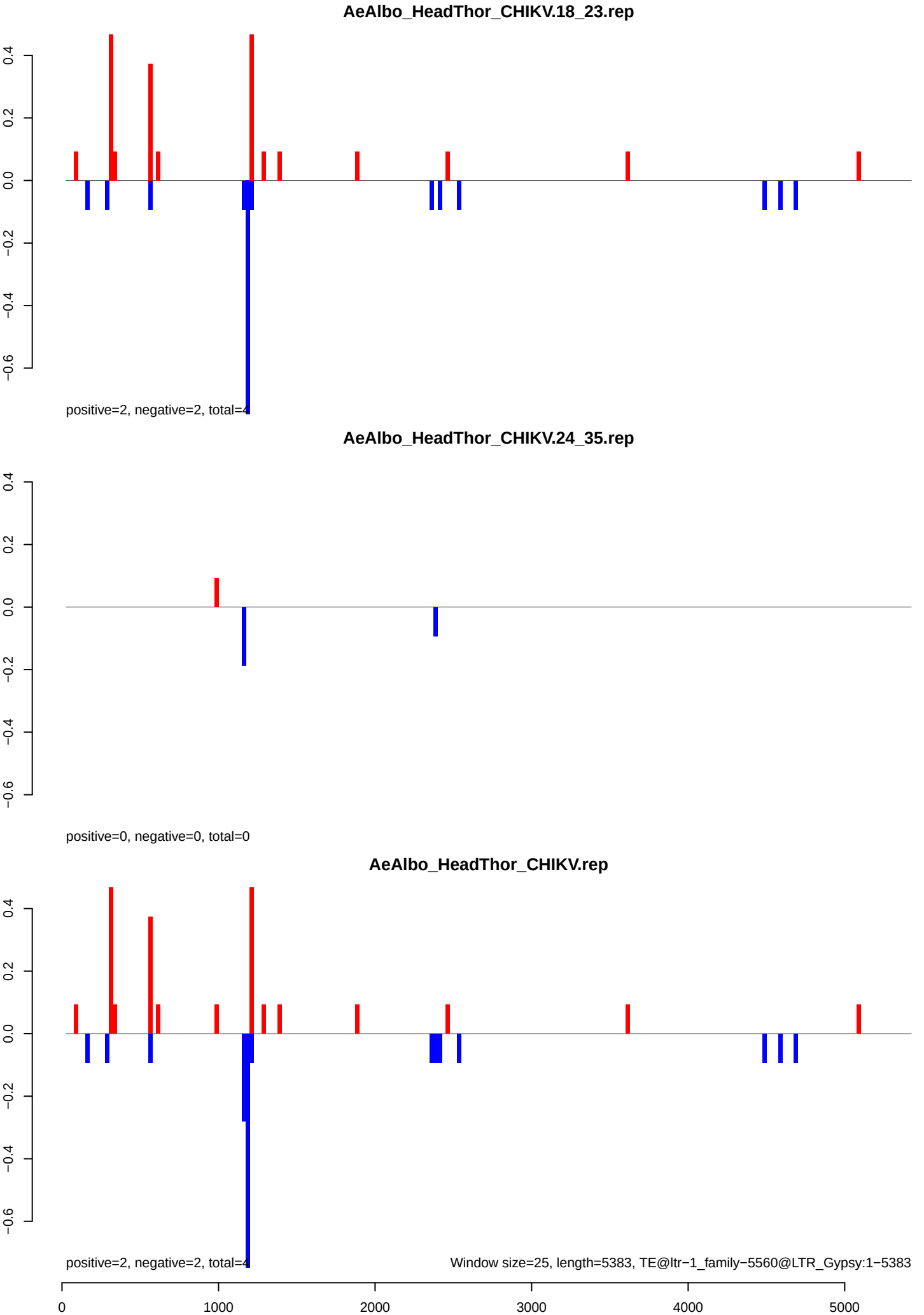

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=5, negative=4, total=10

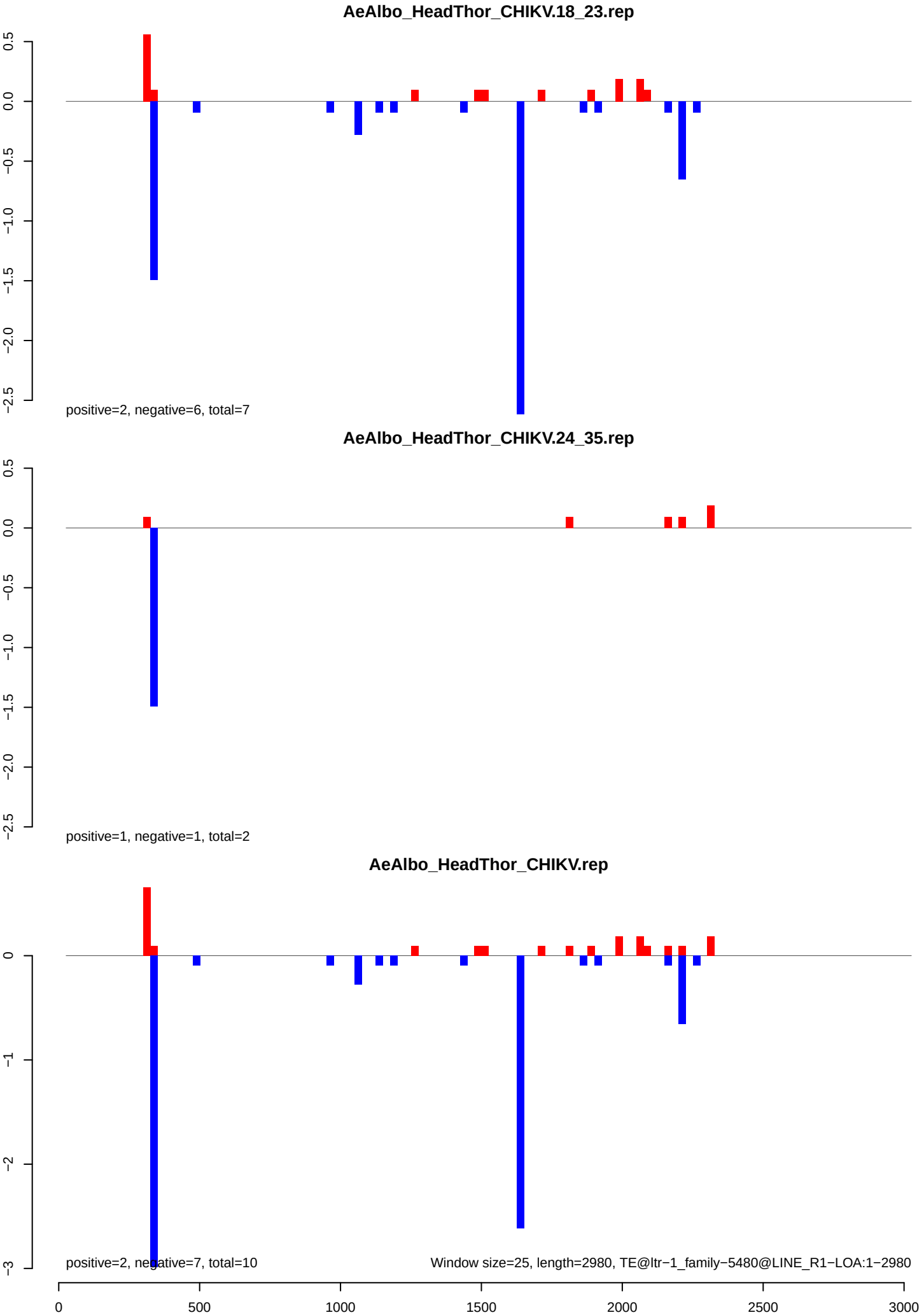
AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=0, negative=1, total=1

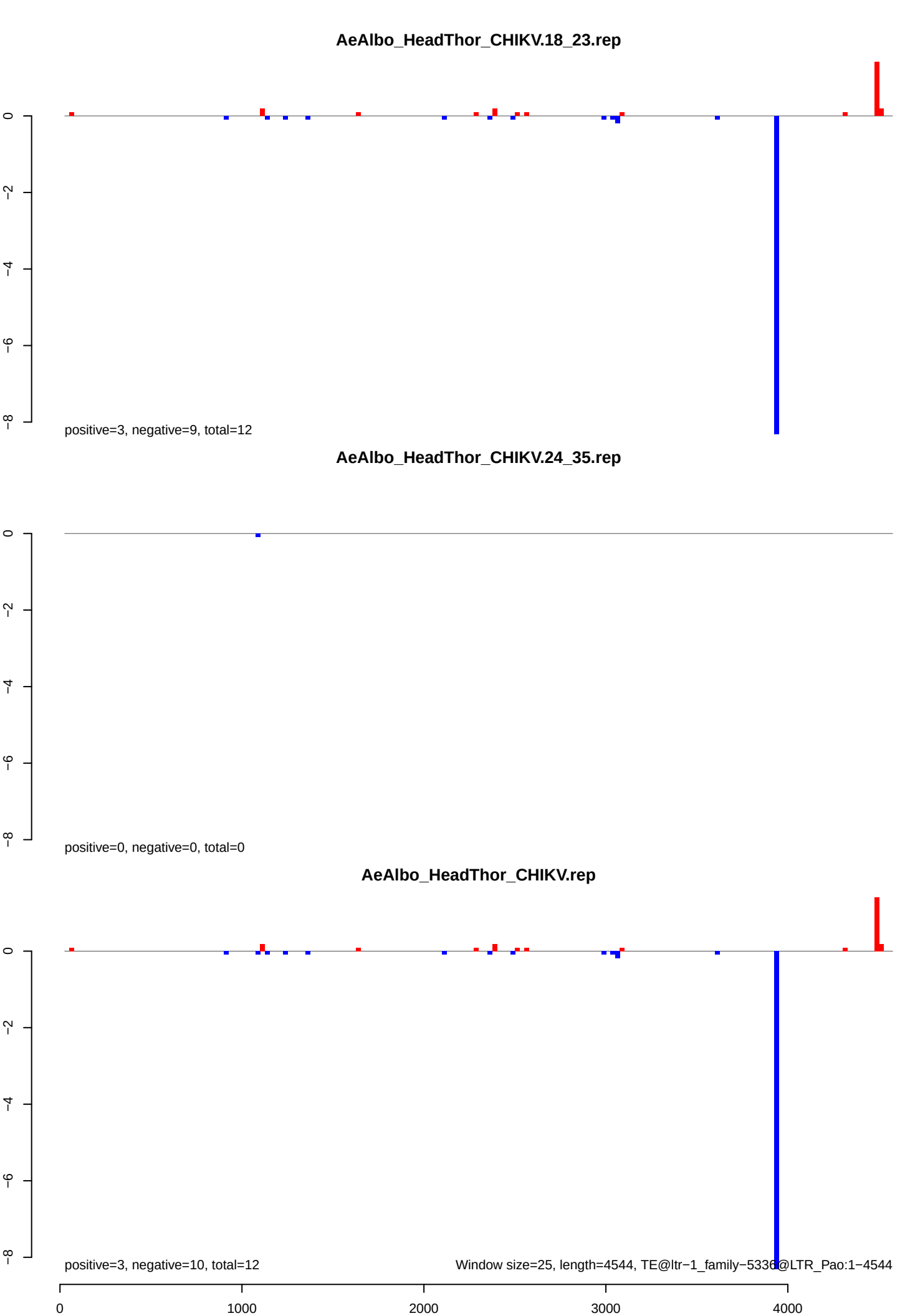

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
−2
positive=5, negative=5, total=11
Window size=25, length=4151, TE@ltr−1_family−5939@LTR_Gypsy:1−4151
0
1000
2000
3000
4000

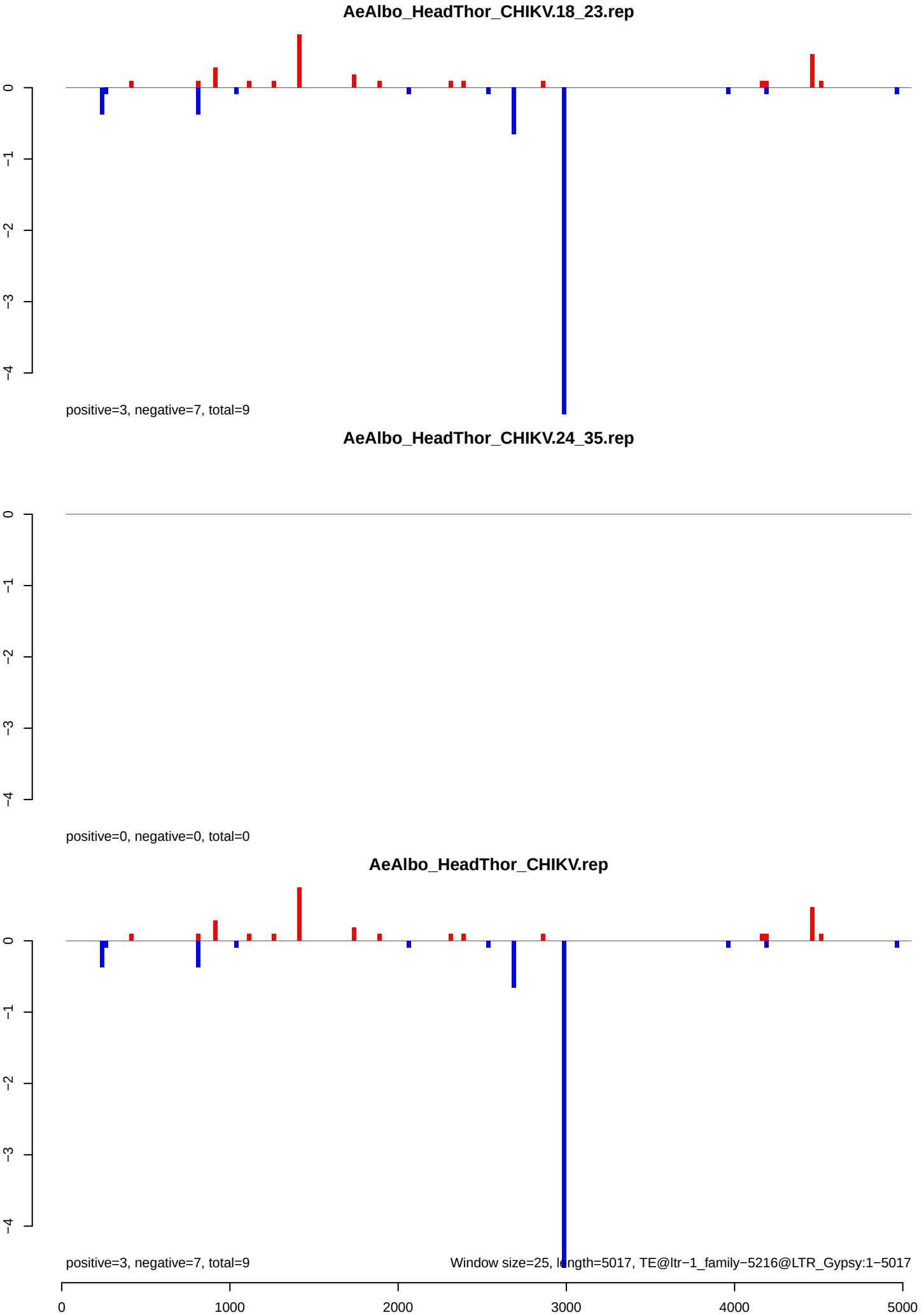

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
Window size=25, length=6082, TE@ltr−1_family−5793@LTR_Pao:1−6082
0
1000
2000
3000
4000
5000
6000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
positive=1, negative=12, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
positive=1, negative=12, total=13
Window size=25, length=5878, TE@ltr−1_family−5568@LTR_Pao:1−5878
0
1000
2000
3000
4000
5000
6000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=5383, TE@ltr−1_family−5560@LTR_Gypsy:1−5383
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=6, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=2, negative=7, total=10
Window size=25, length=2980, TE@ltr−1_family−5480@LINE_R1−LOA:1−2980
0
500
1000
1500
2000
2500
3000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=3, negative=9, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=3, negative=10, total=12
Window size=25, length=4544, TE@ltr−1_family−5336@LTR_Pao:1−4544
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=3, negative=7, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=3, negative=7, total=9
Window size=25, length=5017, TE@ltr−1_family−5216@LTR_Gypsy:1−5017
0
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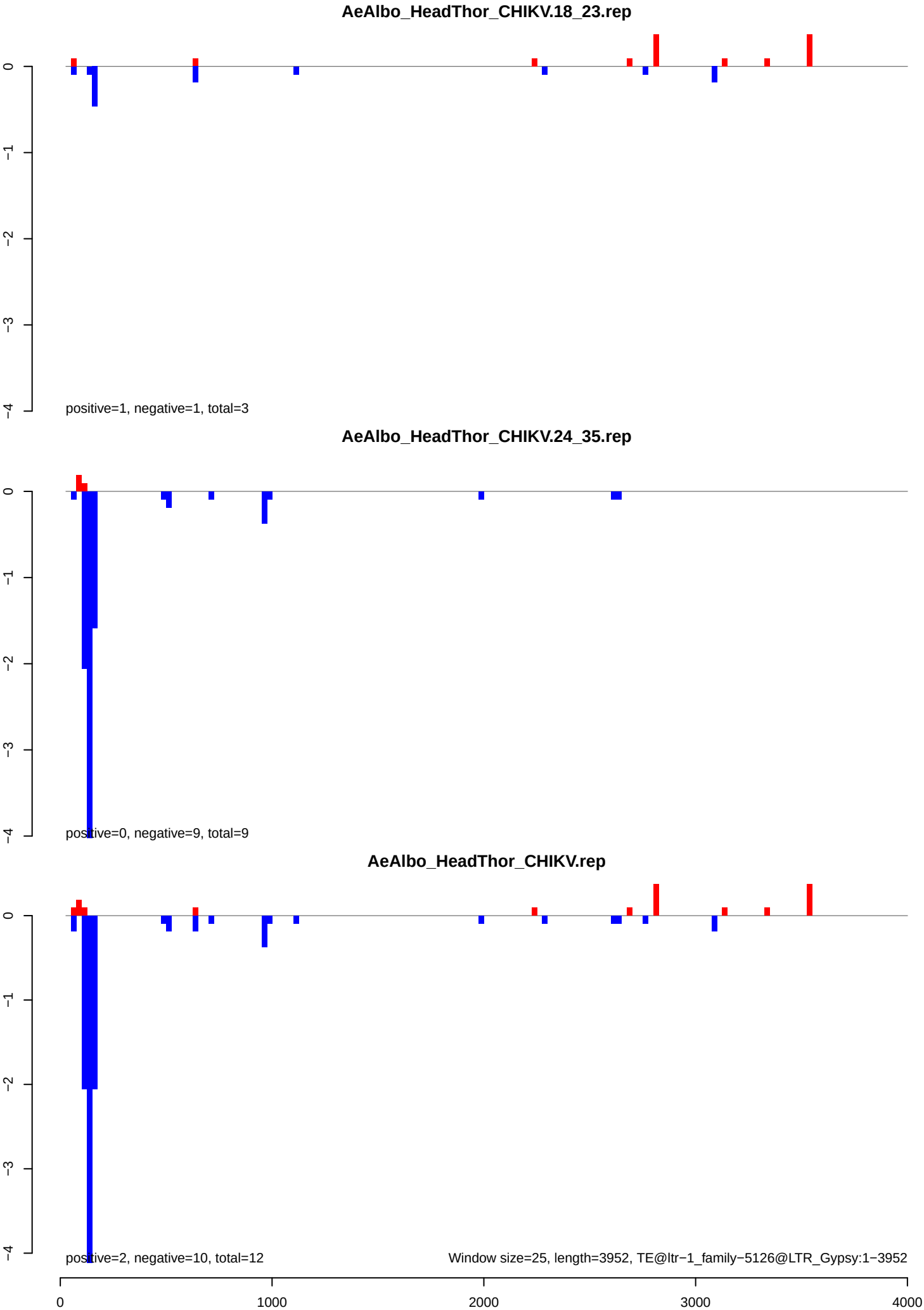
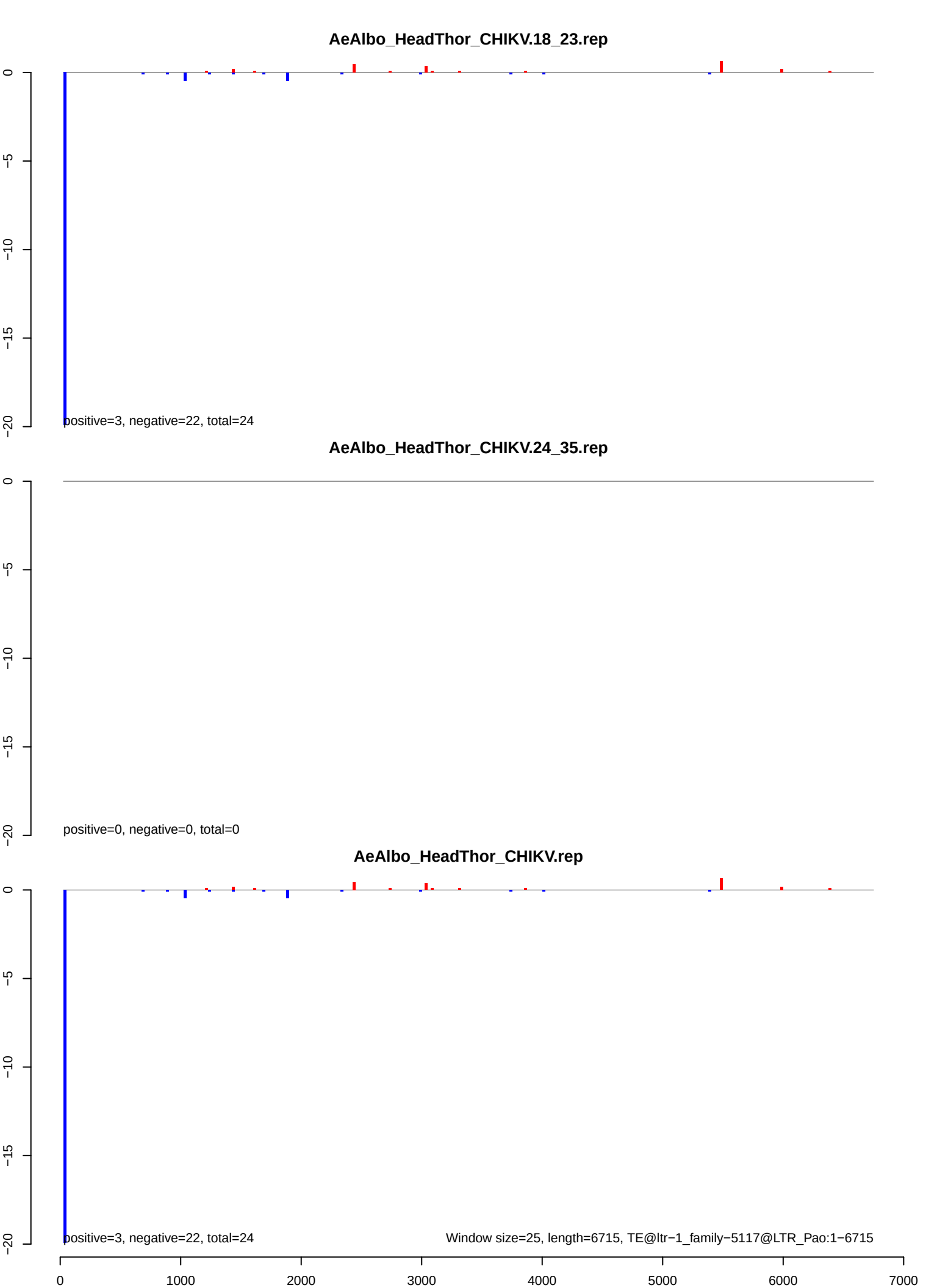
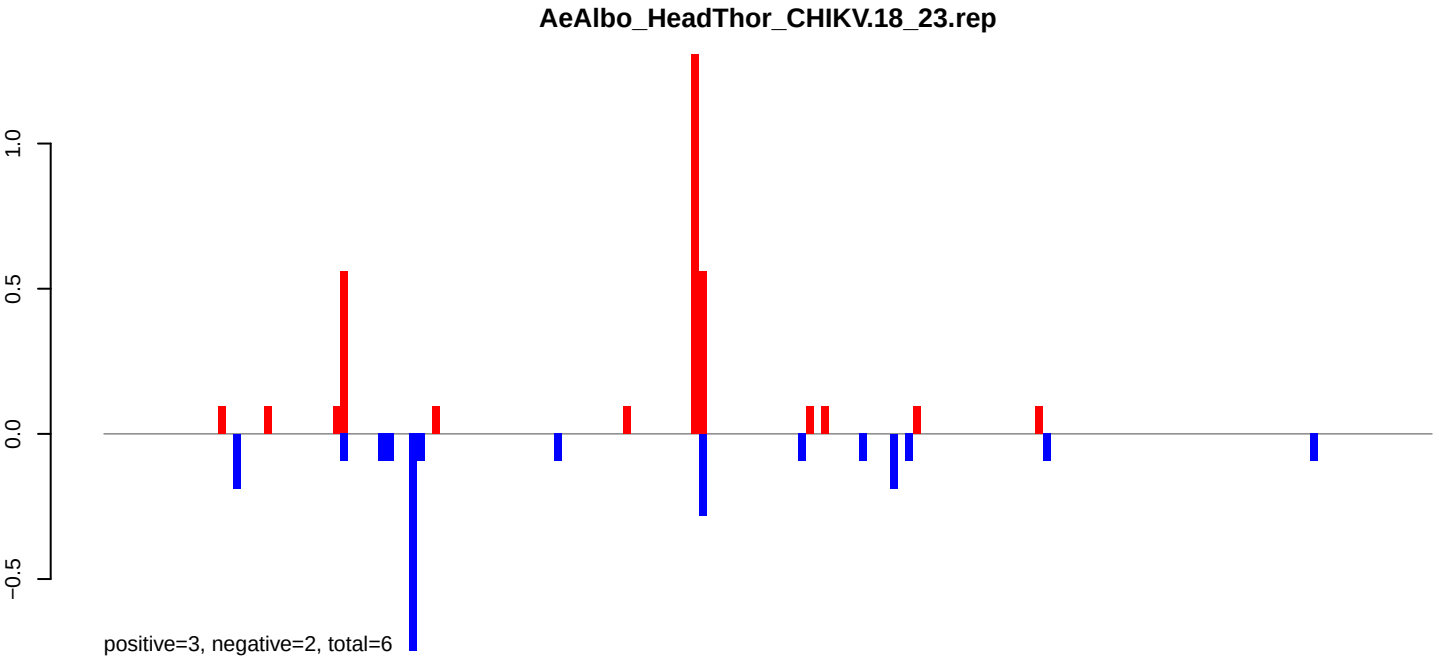
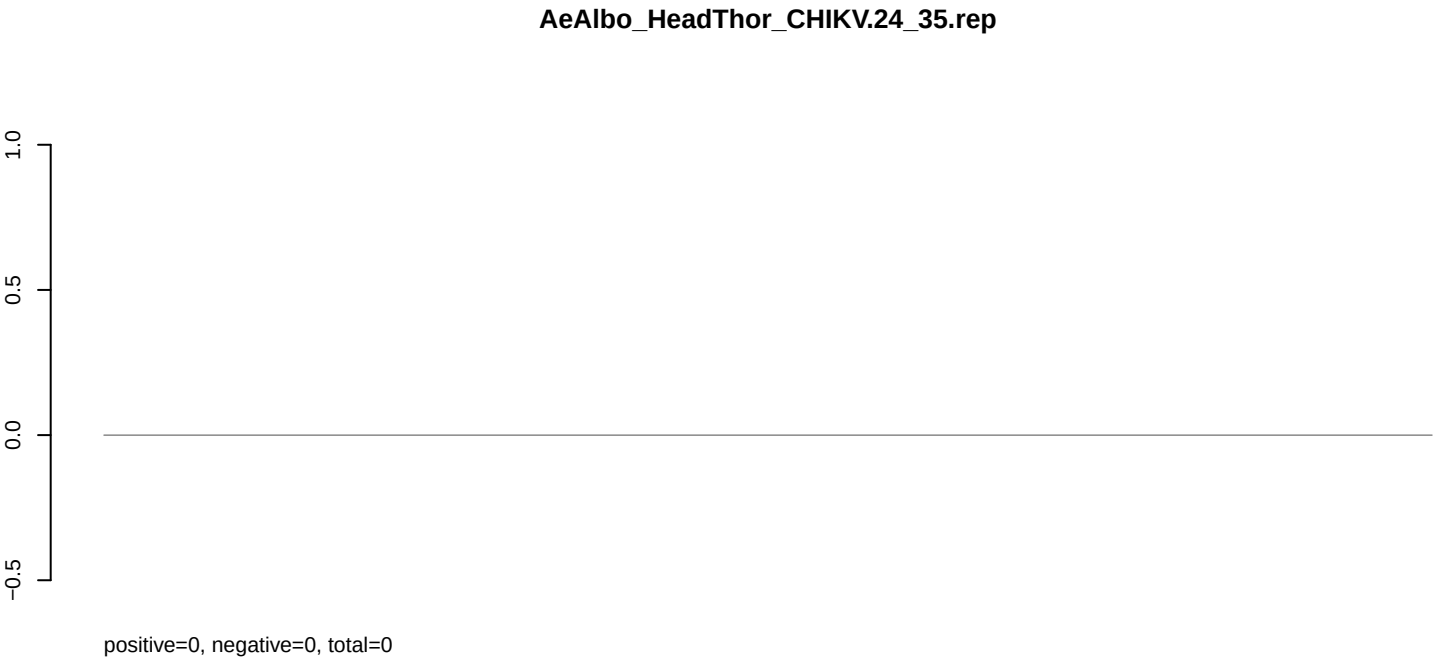
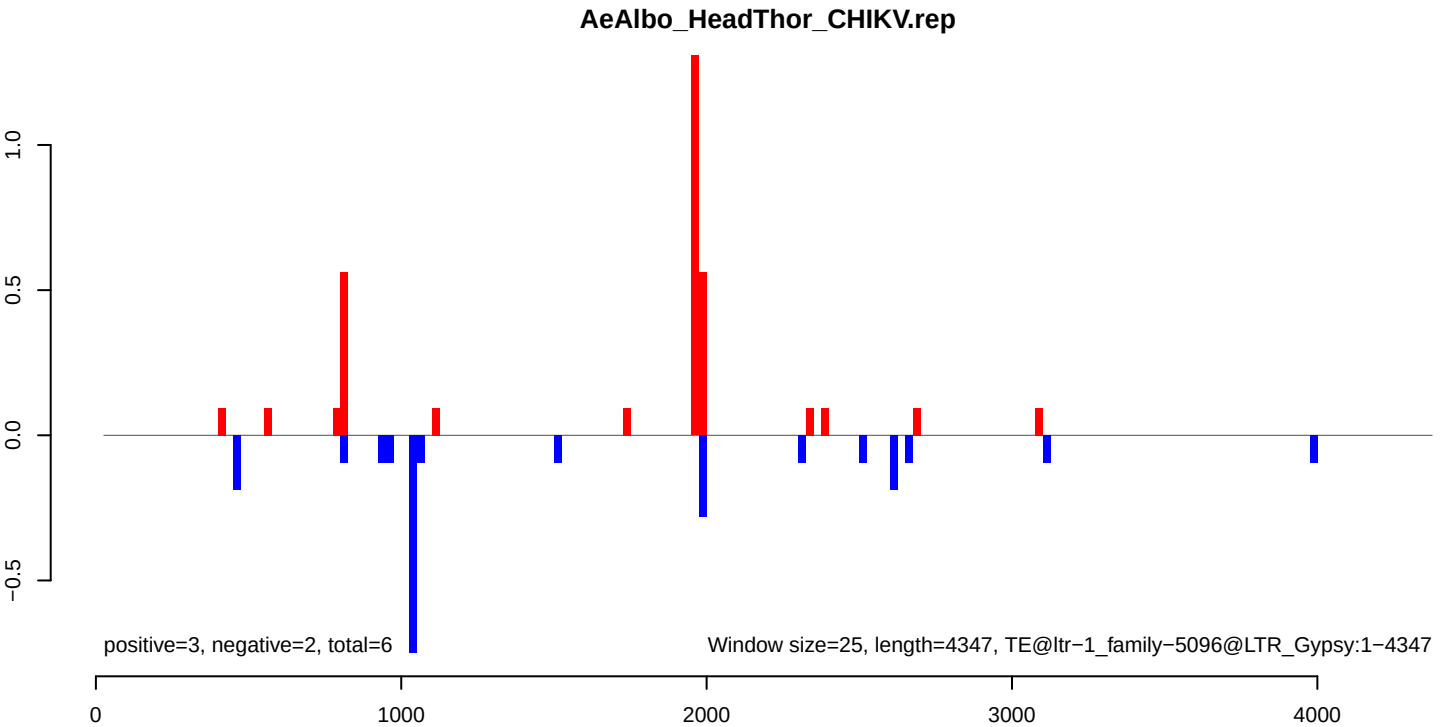
2000
3000
4000
5000

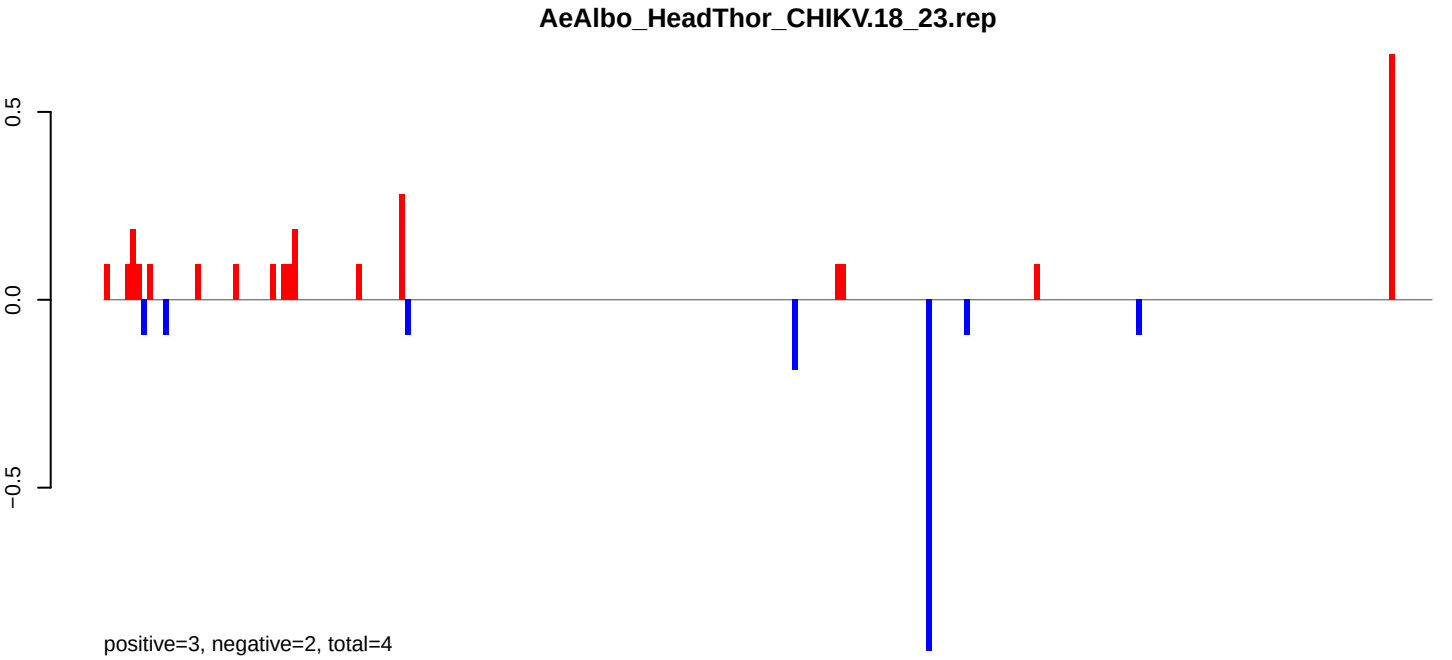

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=9, total=9
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=2, negative=10, total=12
Window size=25, length=3952, TE@ltr−1_family−5126@LTR_Gypsy:1−3952
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=22, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=22, total=24
Window size=25, length=6715, TE@ltr−1_family−5117@LTR_Pao:1−6715
0
1000
2000
3000
4000
5000
6000
7000

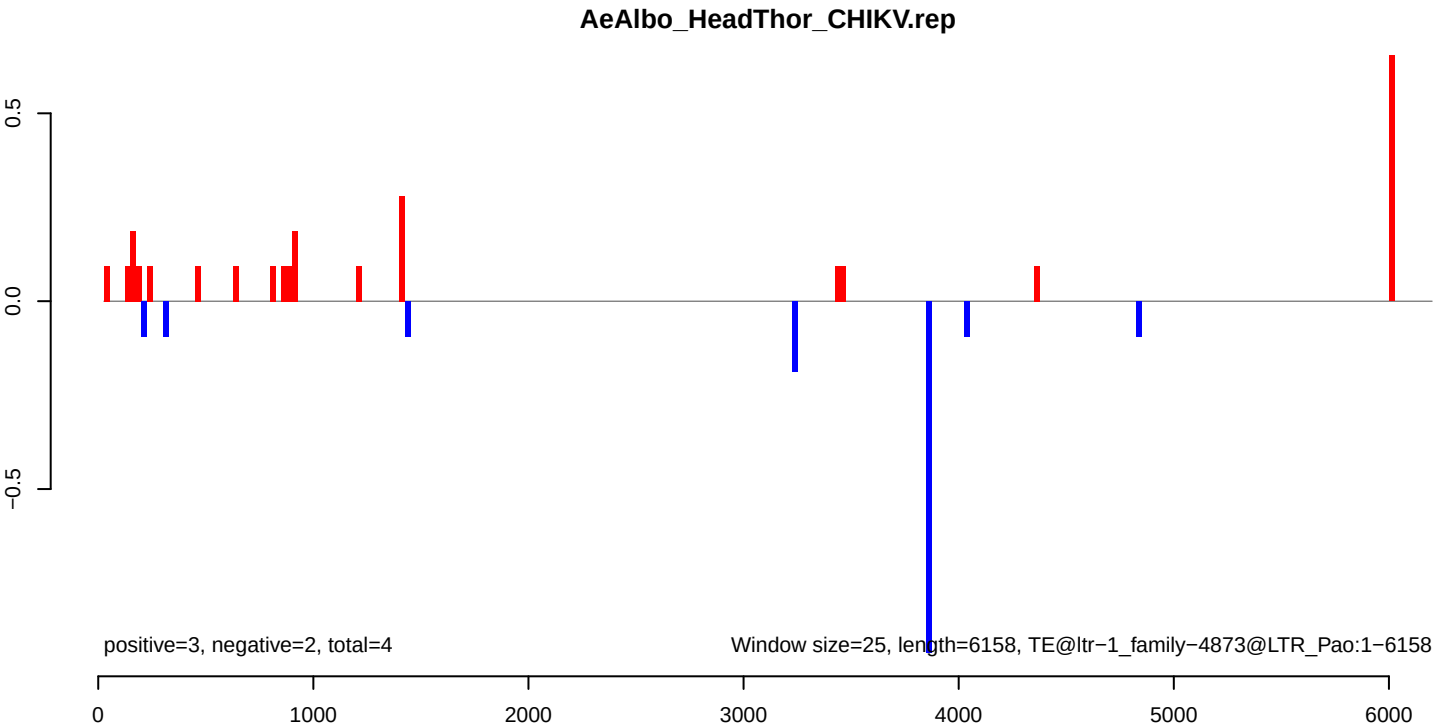

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=6

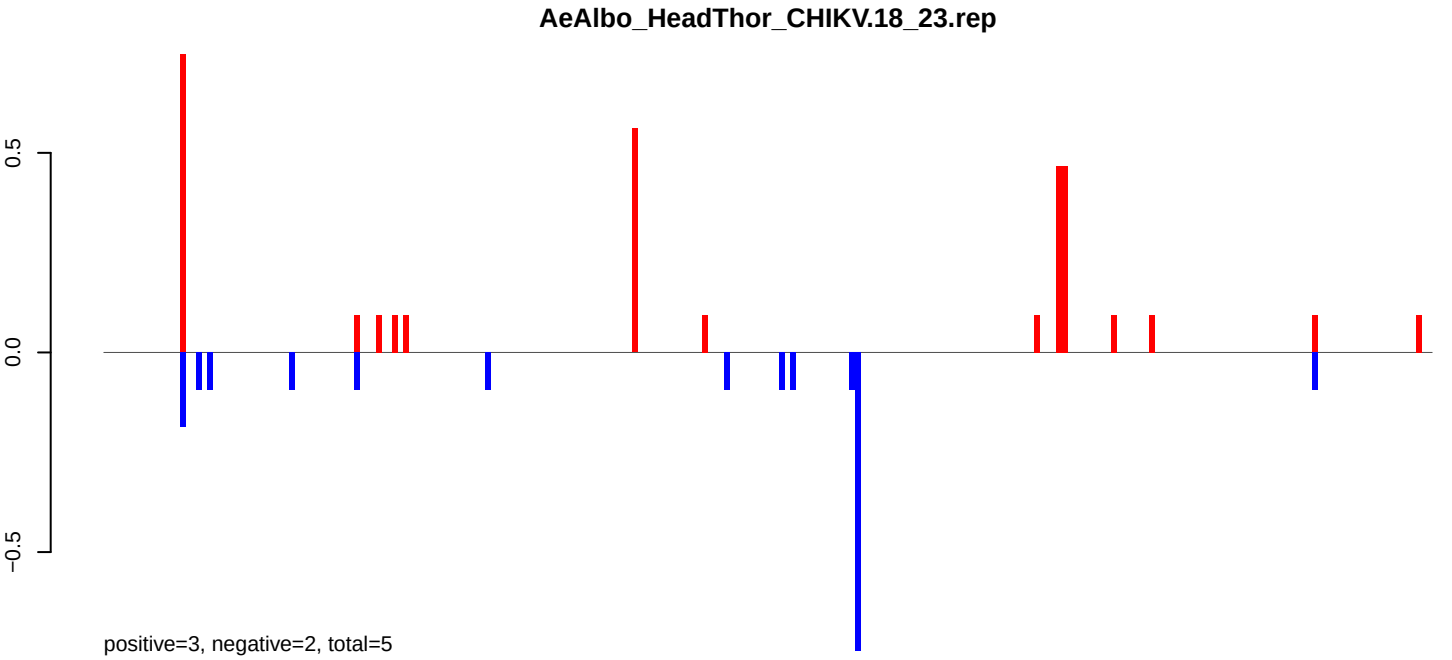

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=6
Window size=25, length=4347, TE@ltr−1_family−5096@LTR_Gypsy:1−4347
0
1000
2000
3000
4000

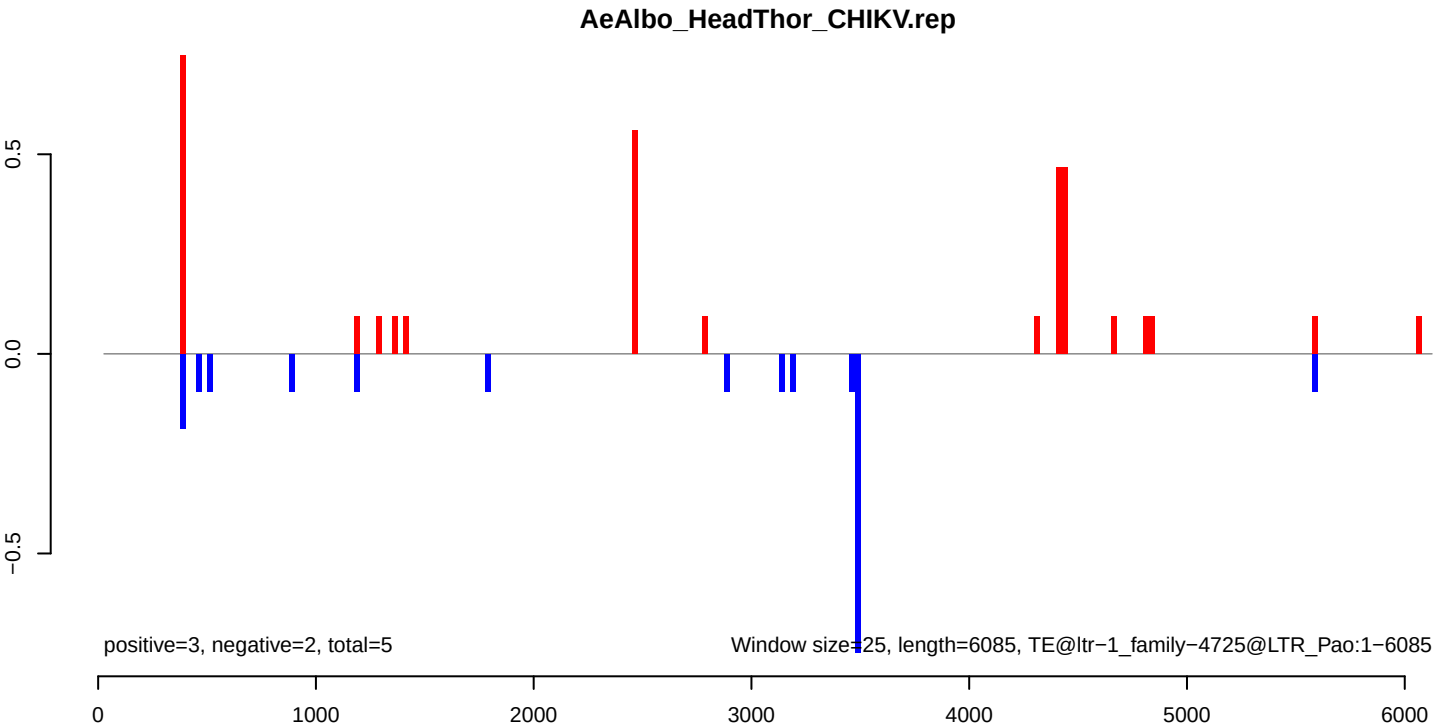

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=3, negative=2, total=4

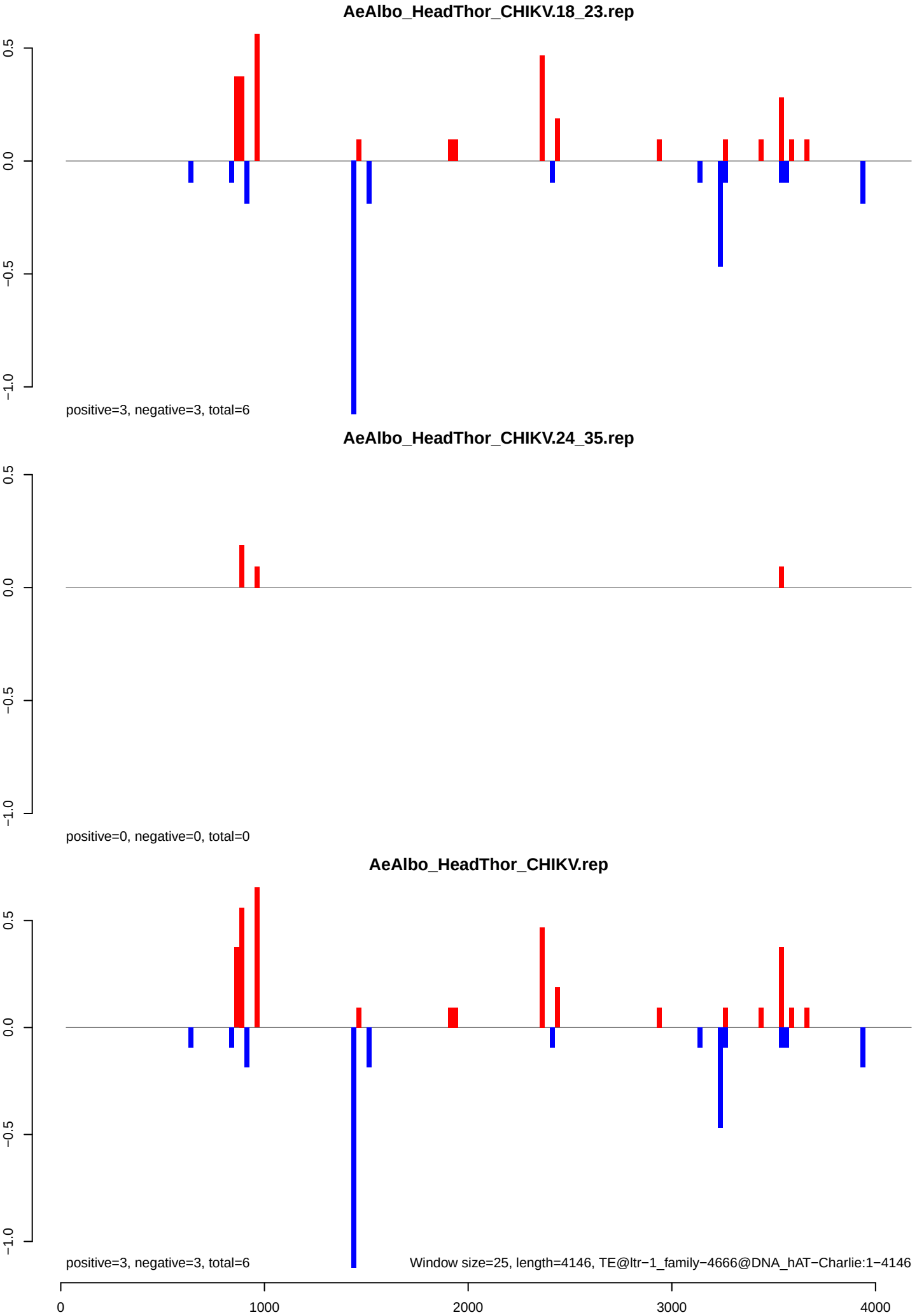
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=0

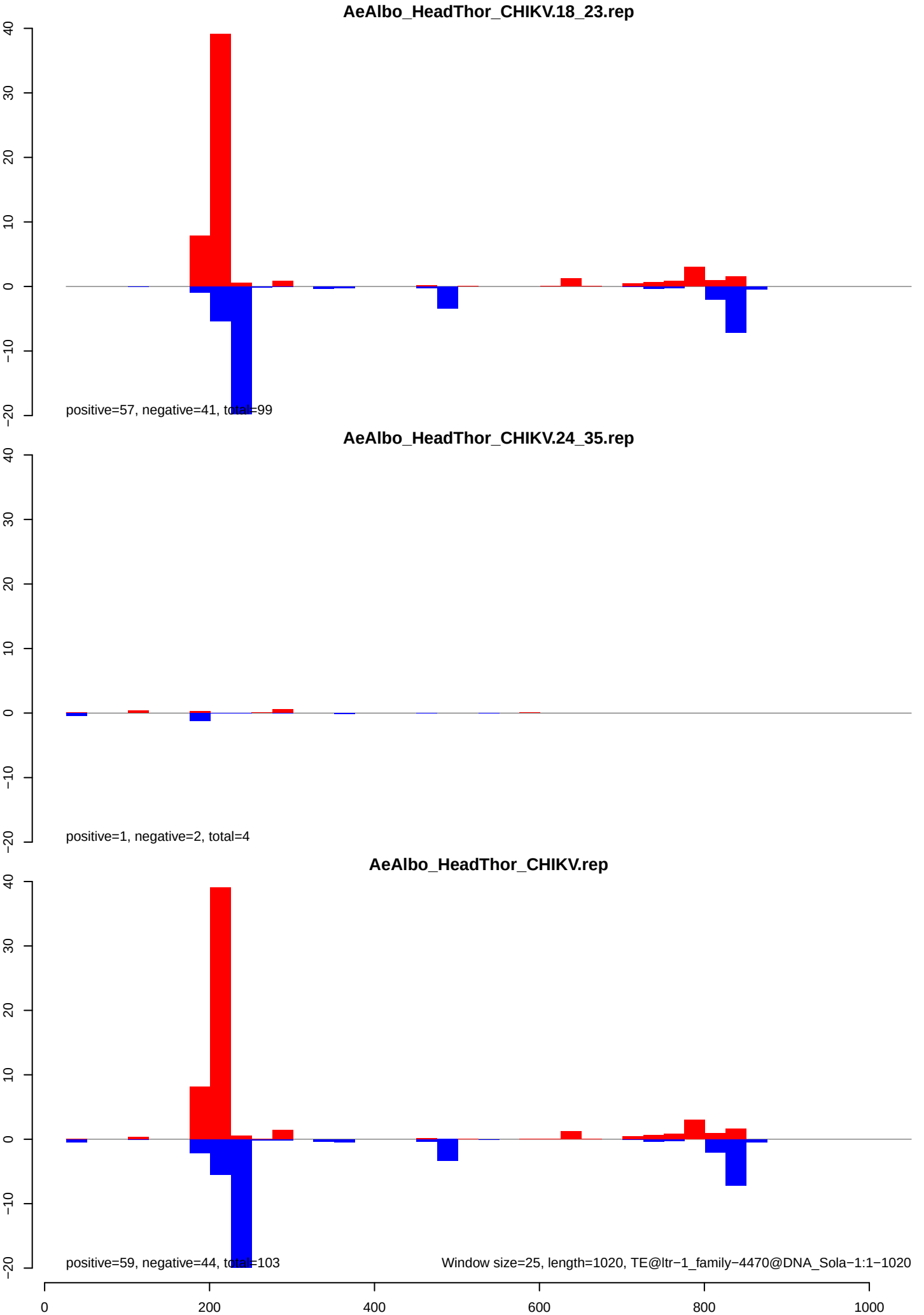

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=3, negative=2, total=4
Window size=25, length=6158, TE@ltr−1_family−4873@LTR_Pao:1−6158
0
1000
2000
3000
4000
5000
6000

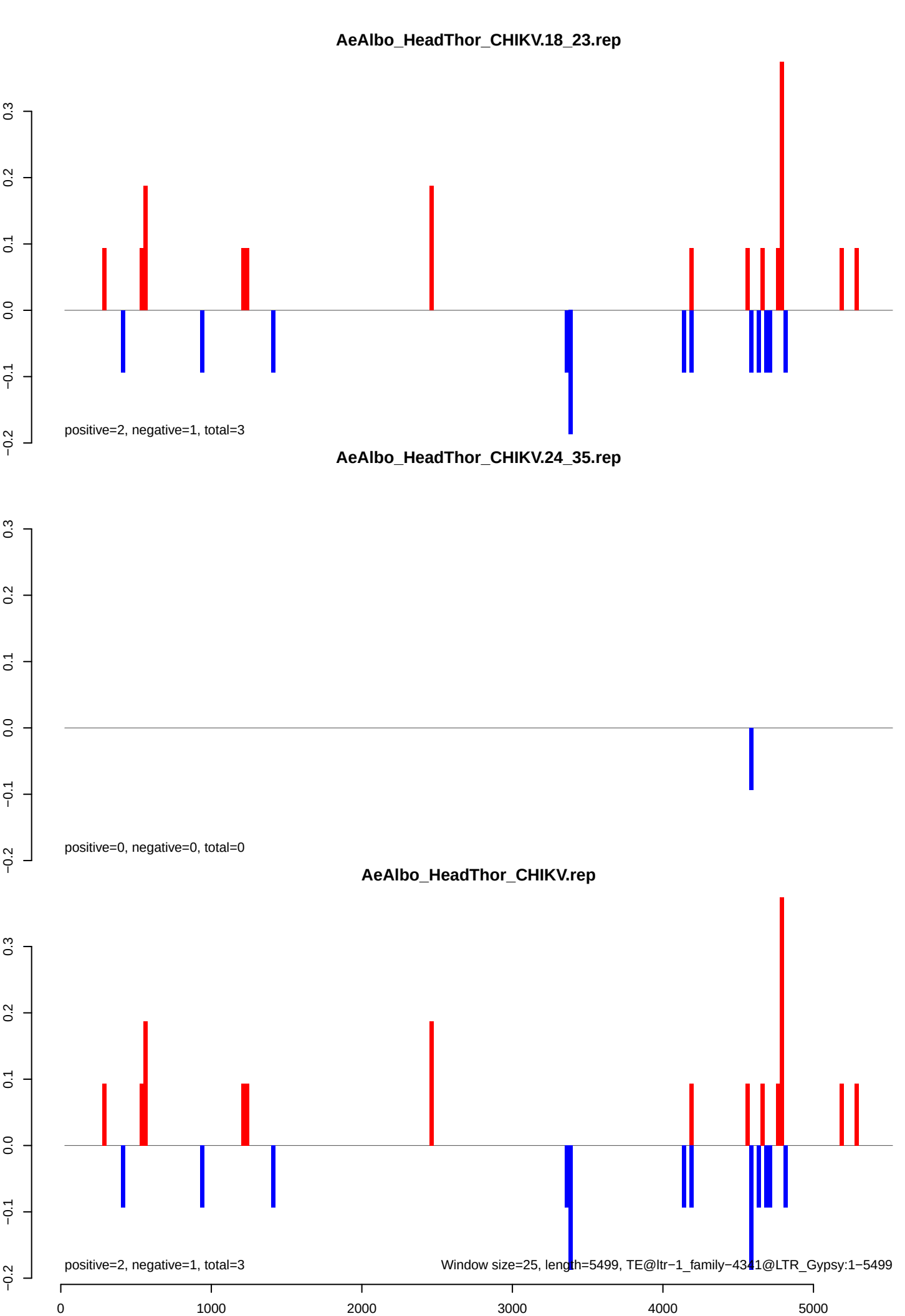

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=3, negative=2, total=5

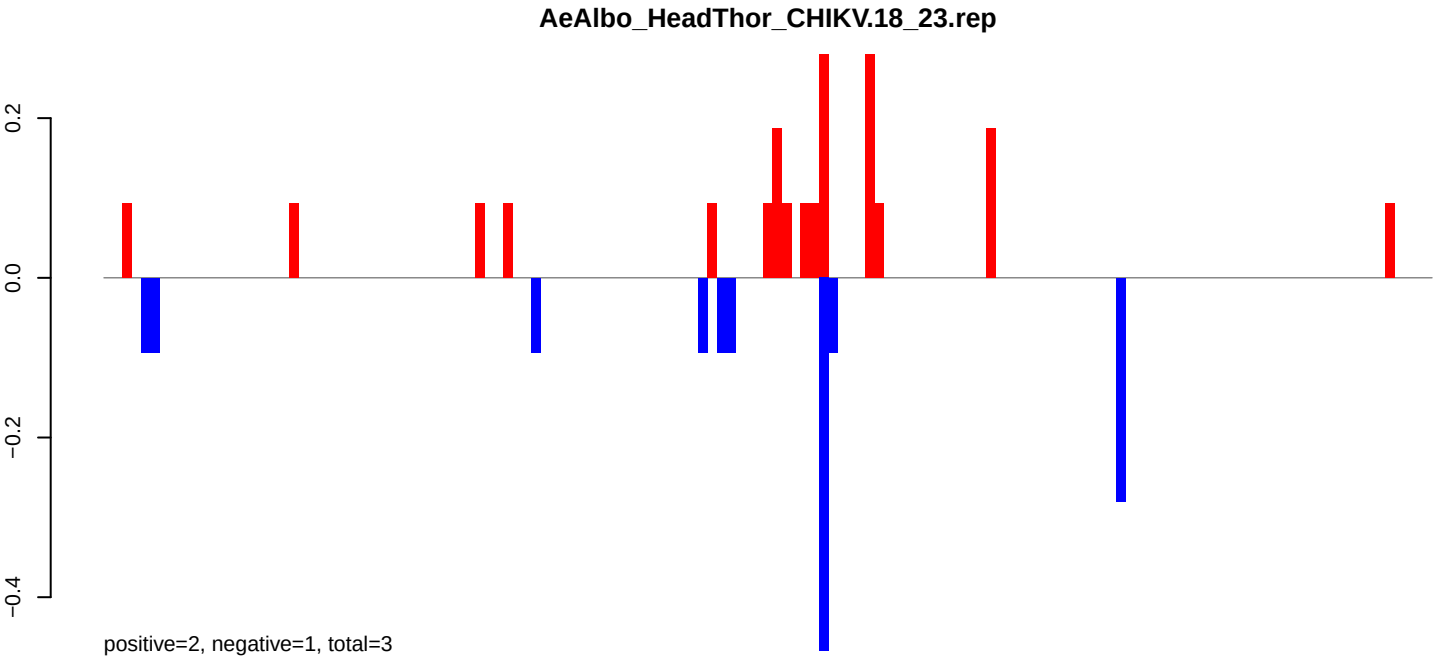
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=0

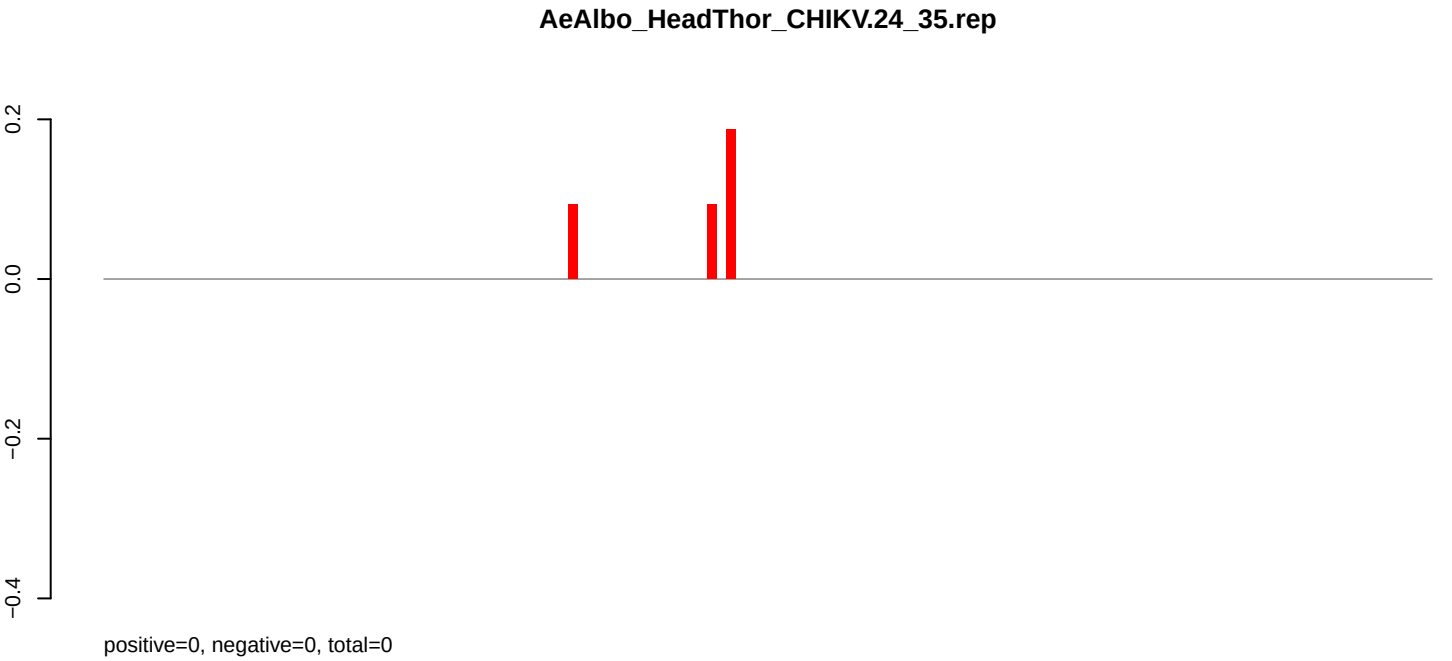

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=3, negative=2, total=5
Window size=25, length=6085, TE@ltr−1_family−4725@LTR_Pao:1−6085
0
1000
2000
3000
4000
5000
6000

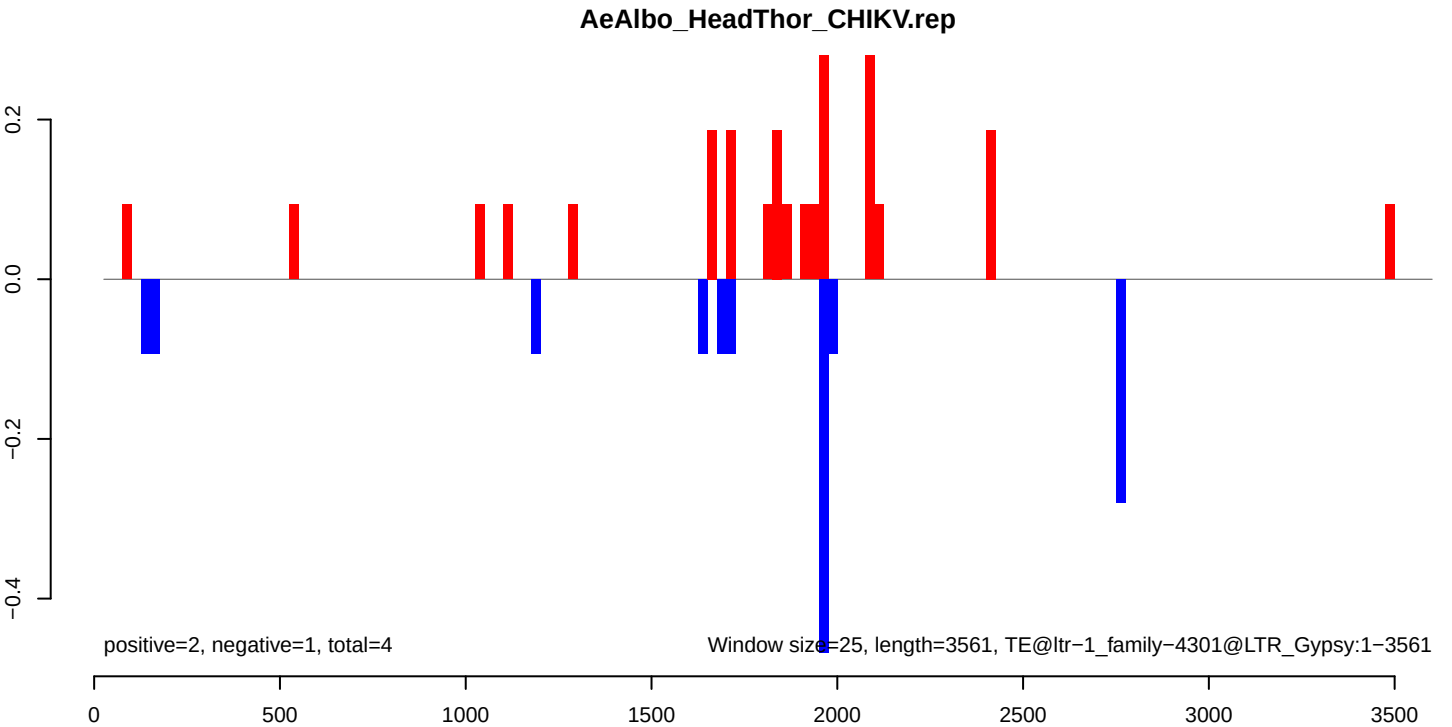

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
Window size=25, length=4146, TE@ltr−1_family−4666@DNA_hAT−Charlie:1−4146
0
1000
2000
3000
4000

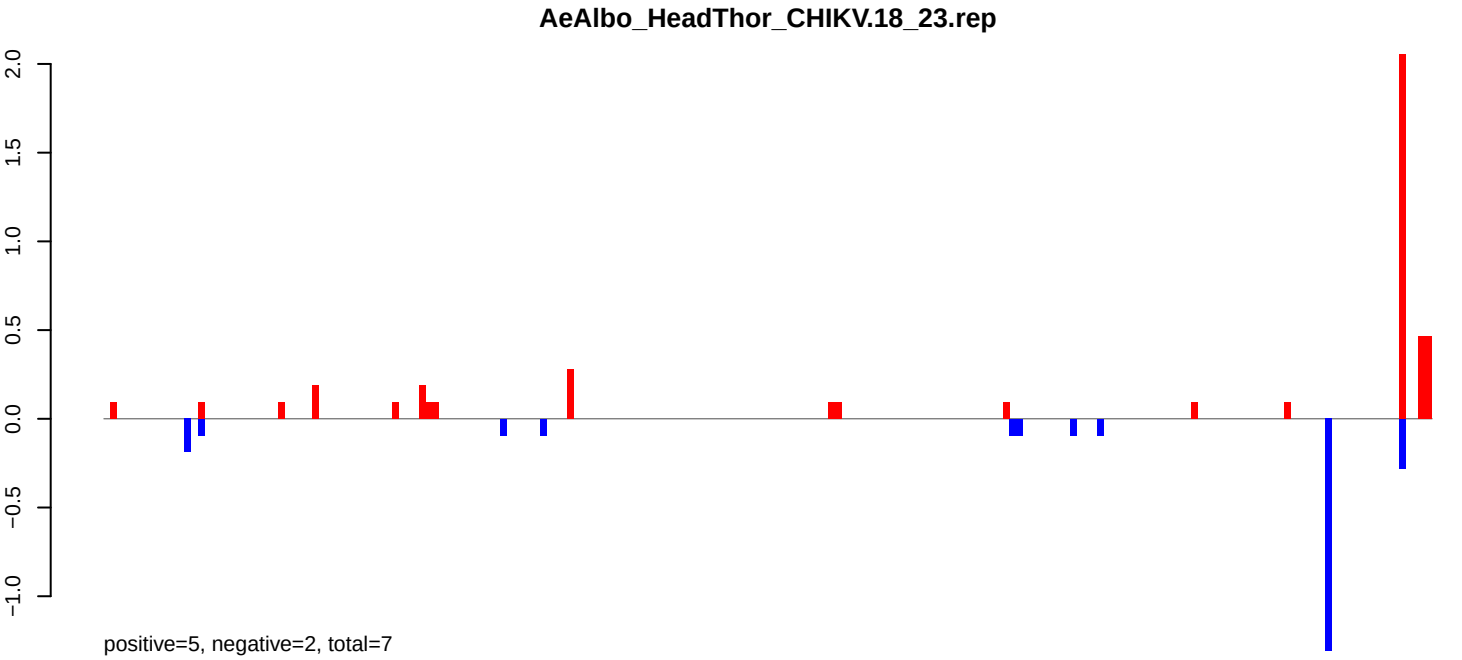

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=57, negative=41, total=99
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=2, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=59, negative=44, total=103
Window size=25, length=1020, TE@ltr−1_family−4470@DNA_Sola−1:1−1020
40
30
20
10
0
−10
−20
0
200
400
600
800
1000

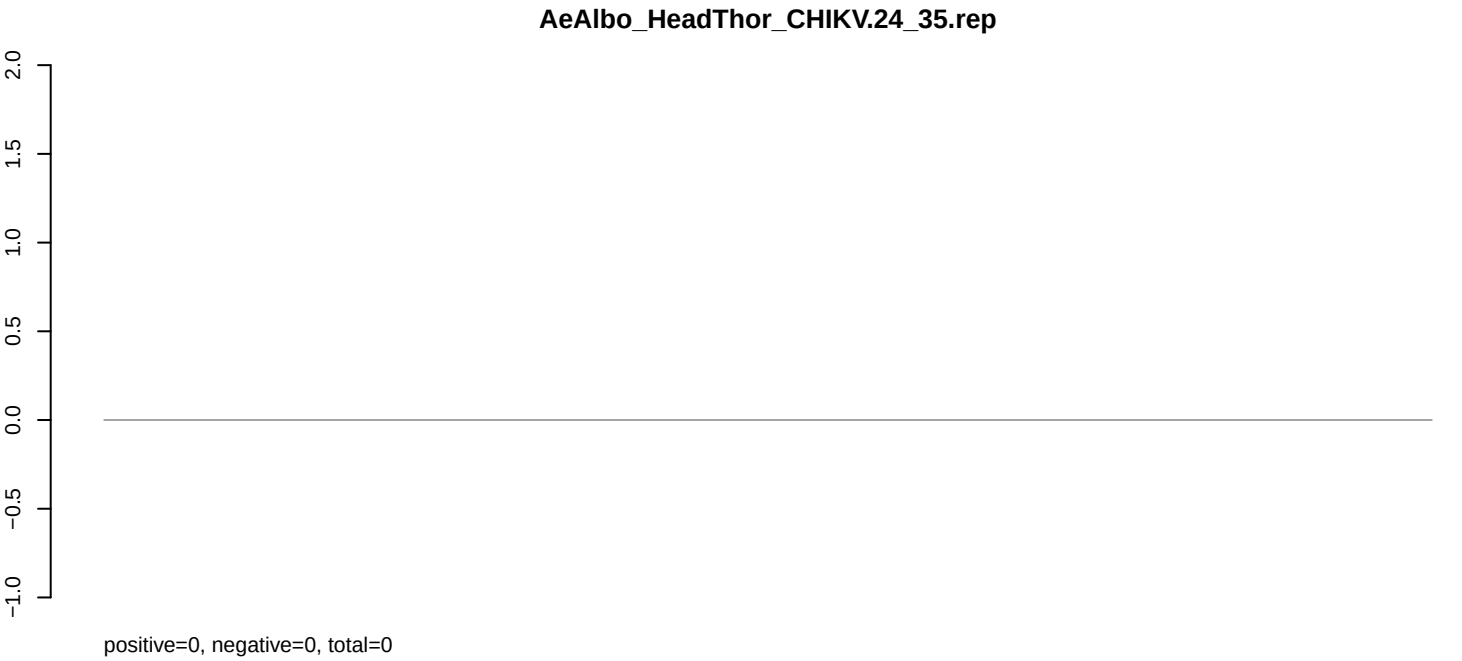

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=5499, TE@ltr−1_family−4341@LTR_Gypsy:1−5499
0.3
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000
5000

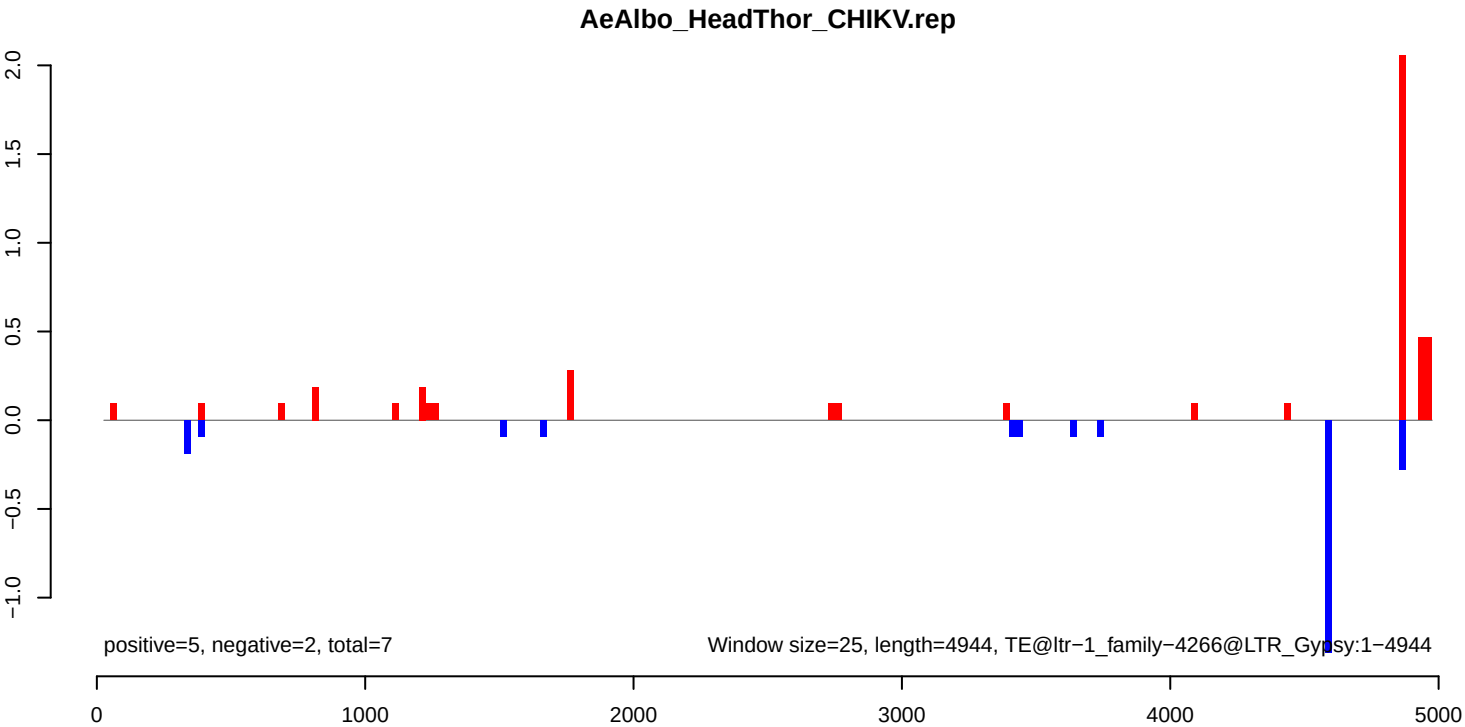

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3

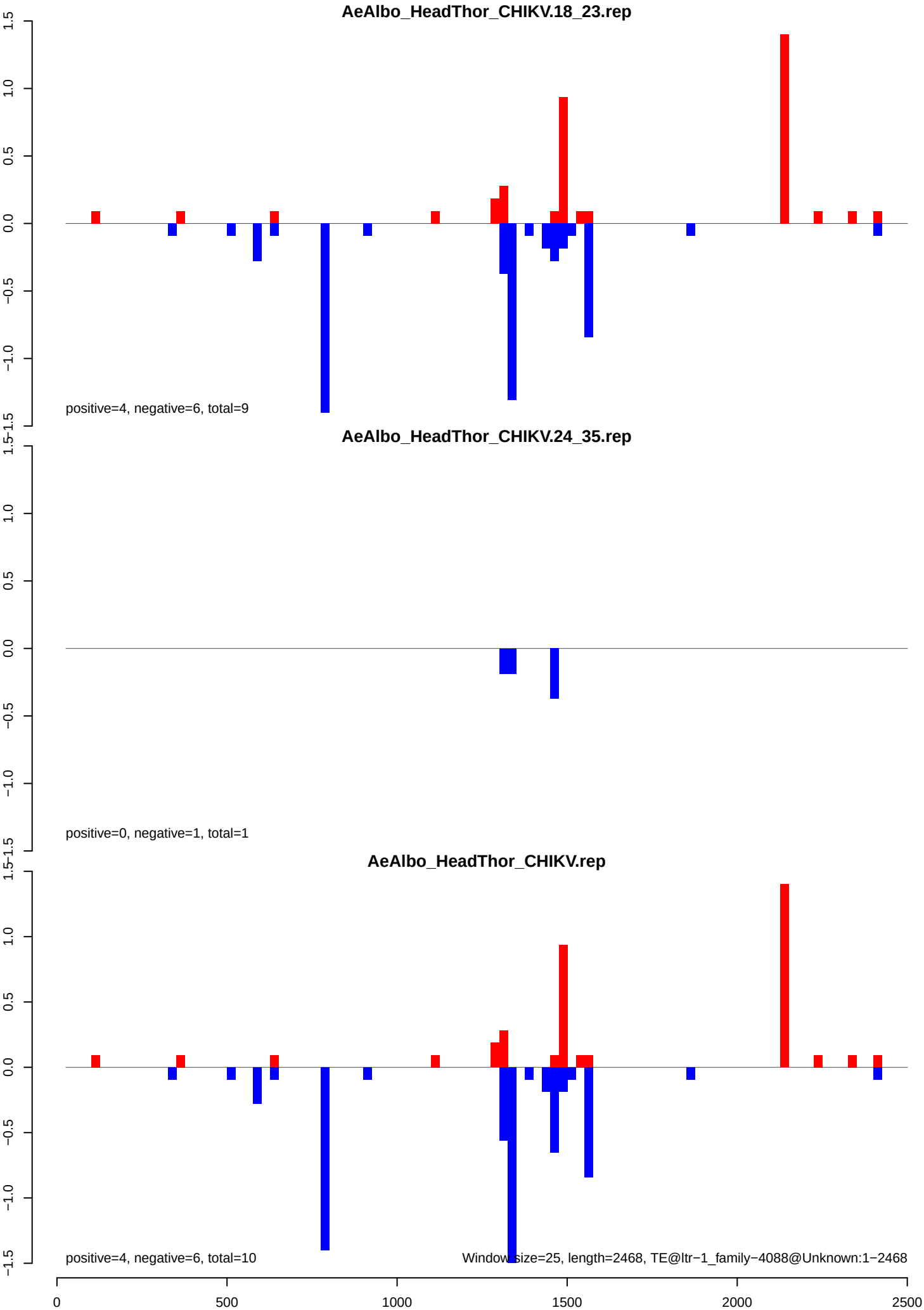

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

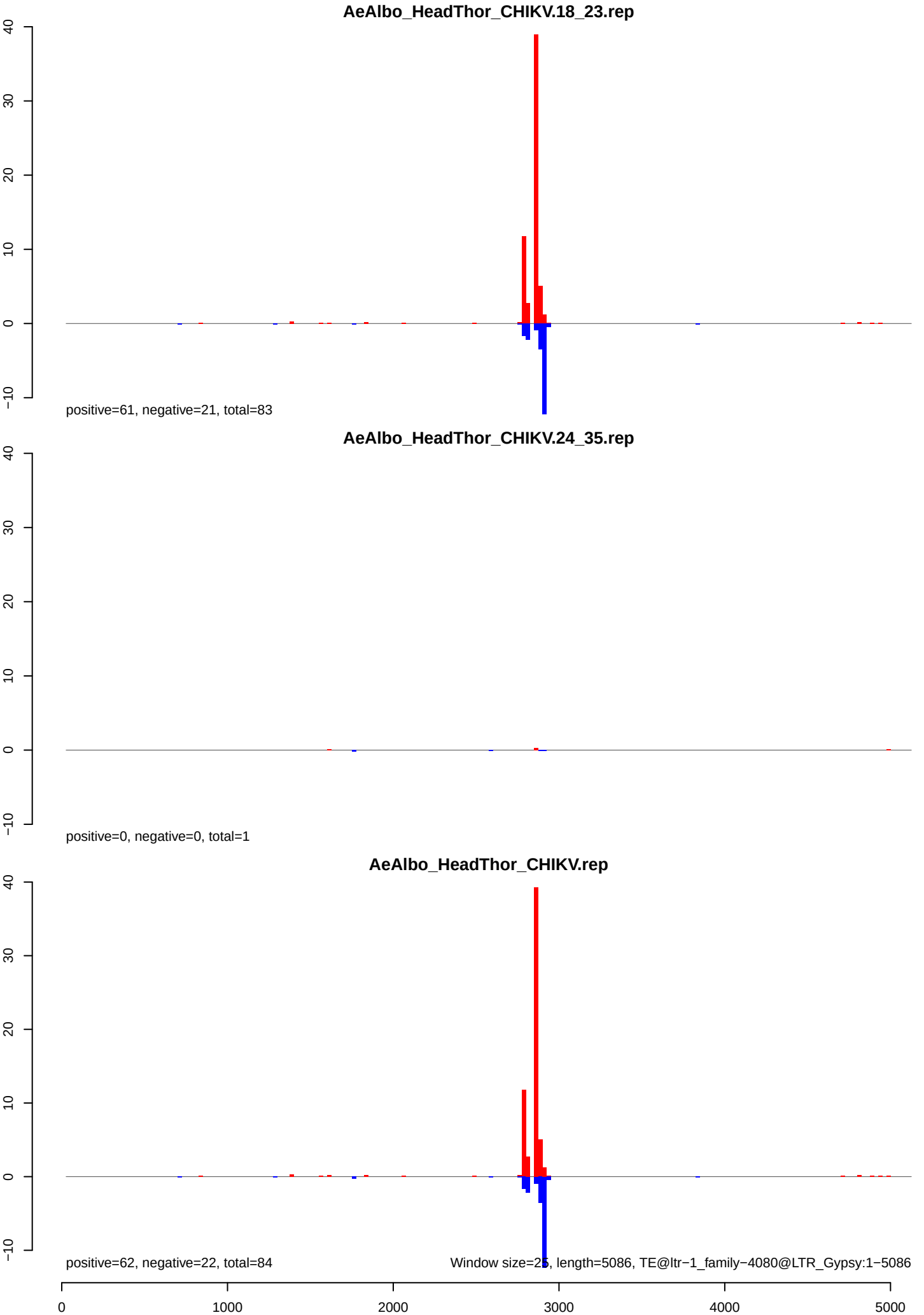

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=4
Window size=25, length=3561, TE@ltr−1_family−4301@LTR_Gypsy:1−3561
0
500
1000
1500
2000
2500
3000
3500

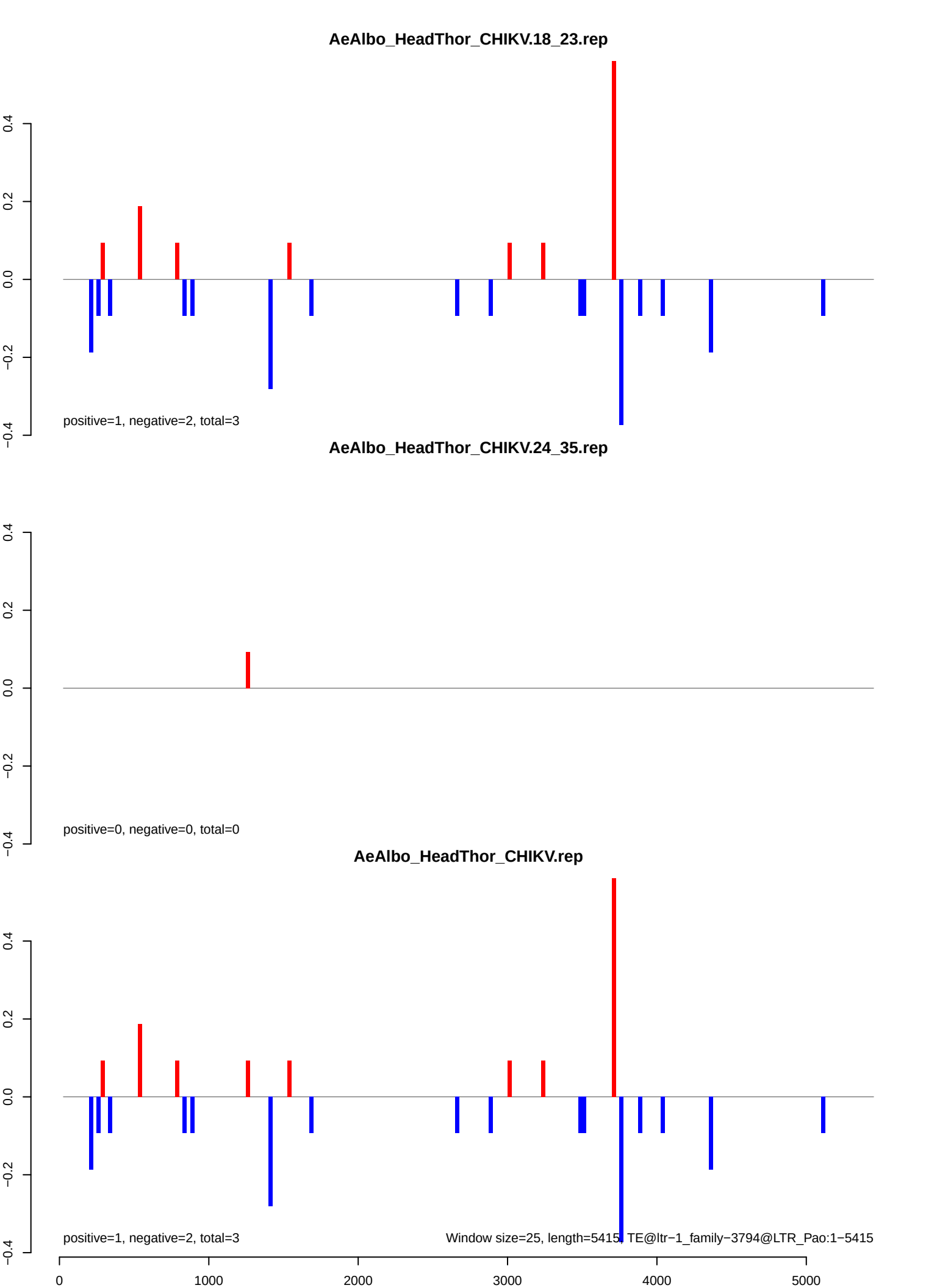

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=5, negative=2, total=7

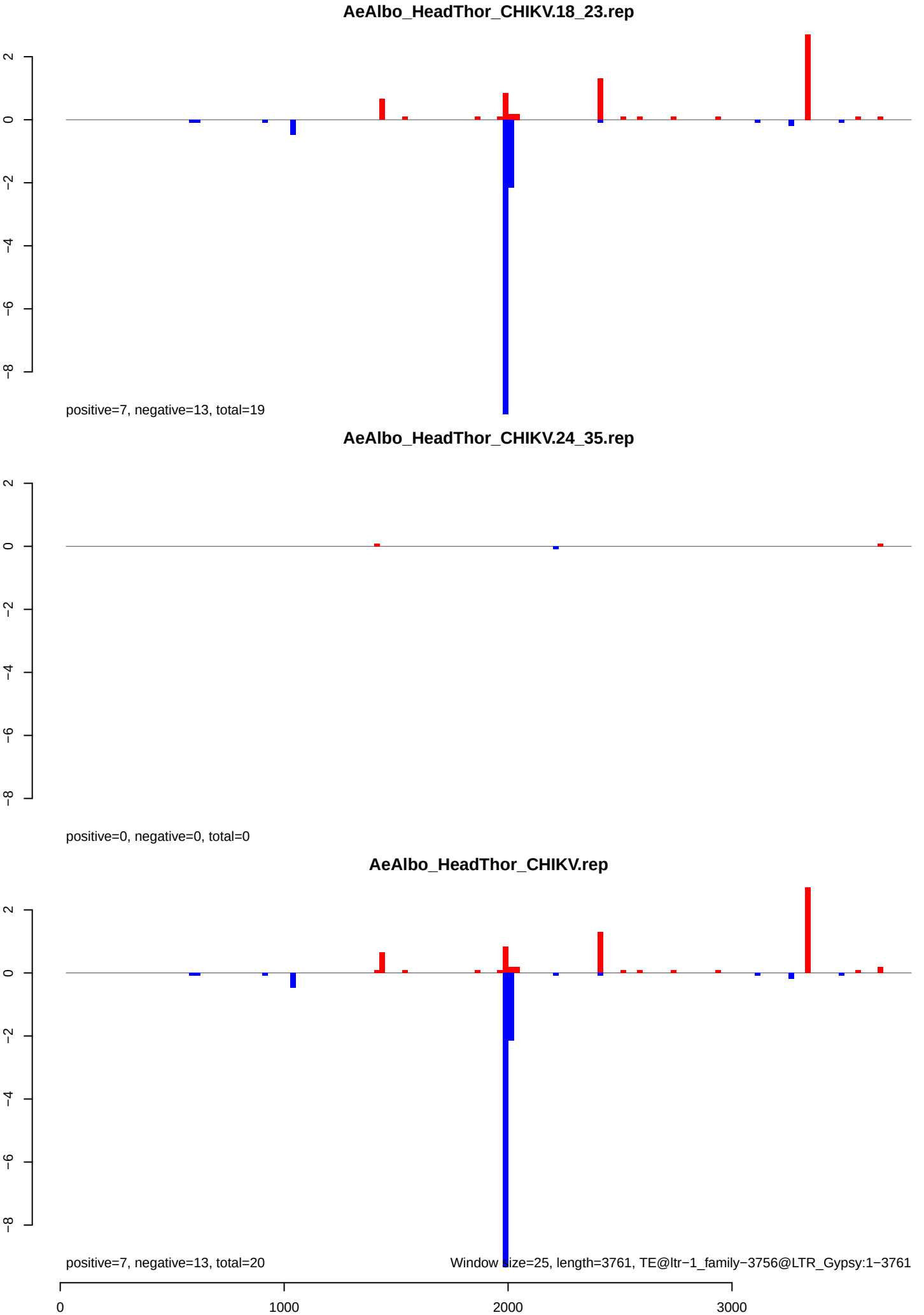

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

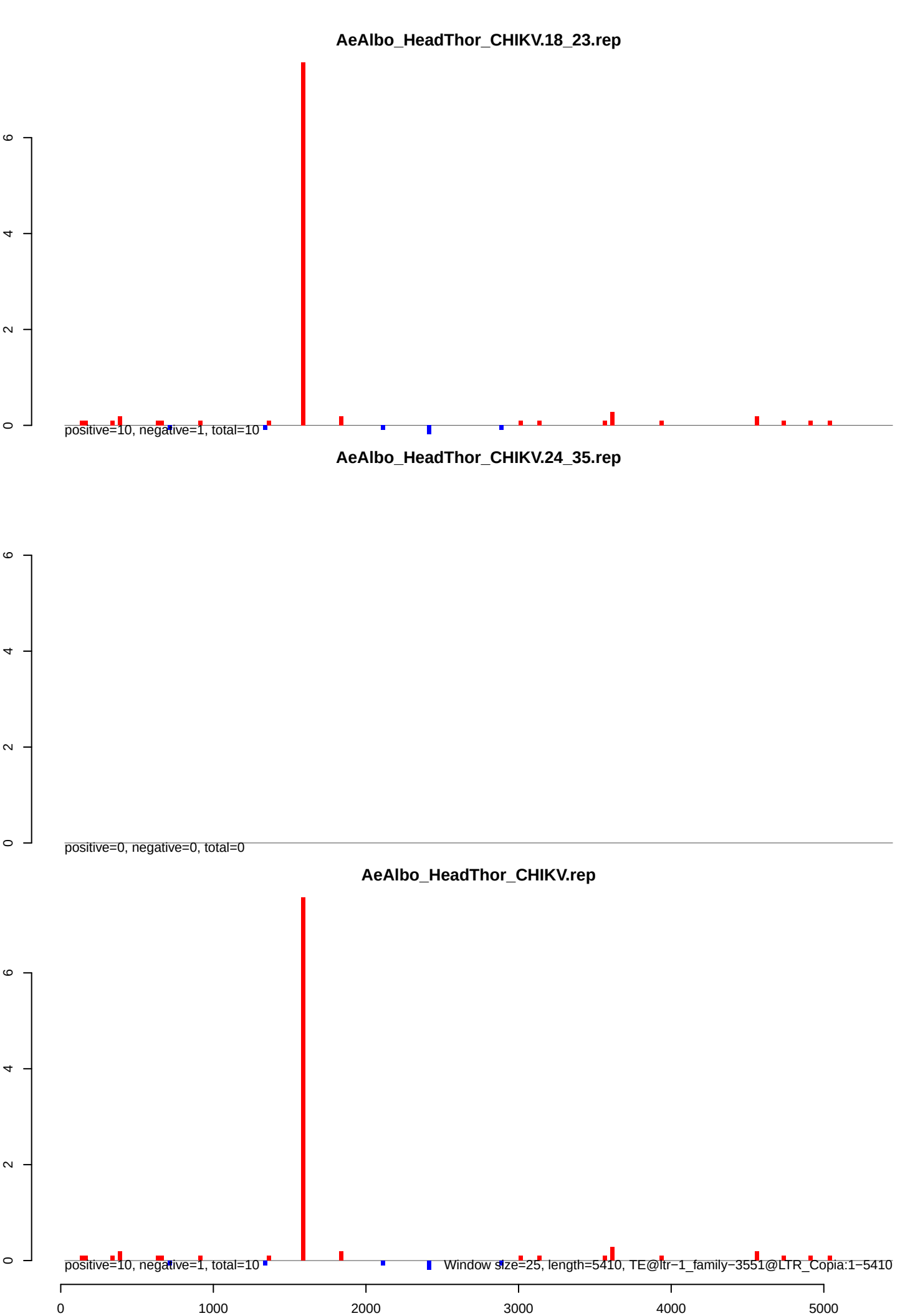

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=5, negative=2, total=7
Window size=25, length=4944, TE@ltr−1_family−4266@LTR_Gypsy:1−4944
0
1000
2000
3000
4000
5000

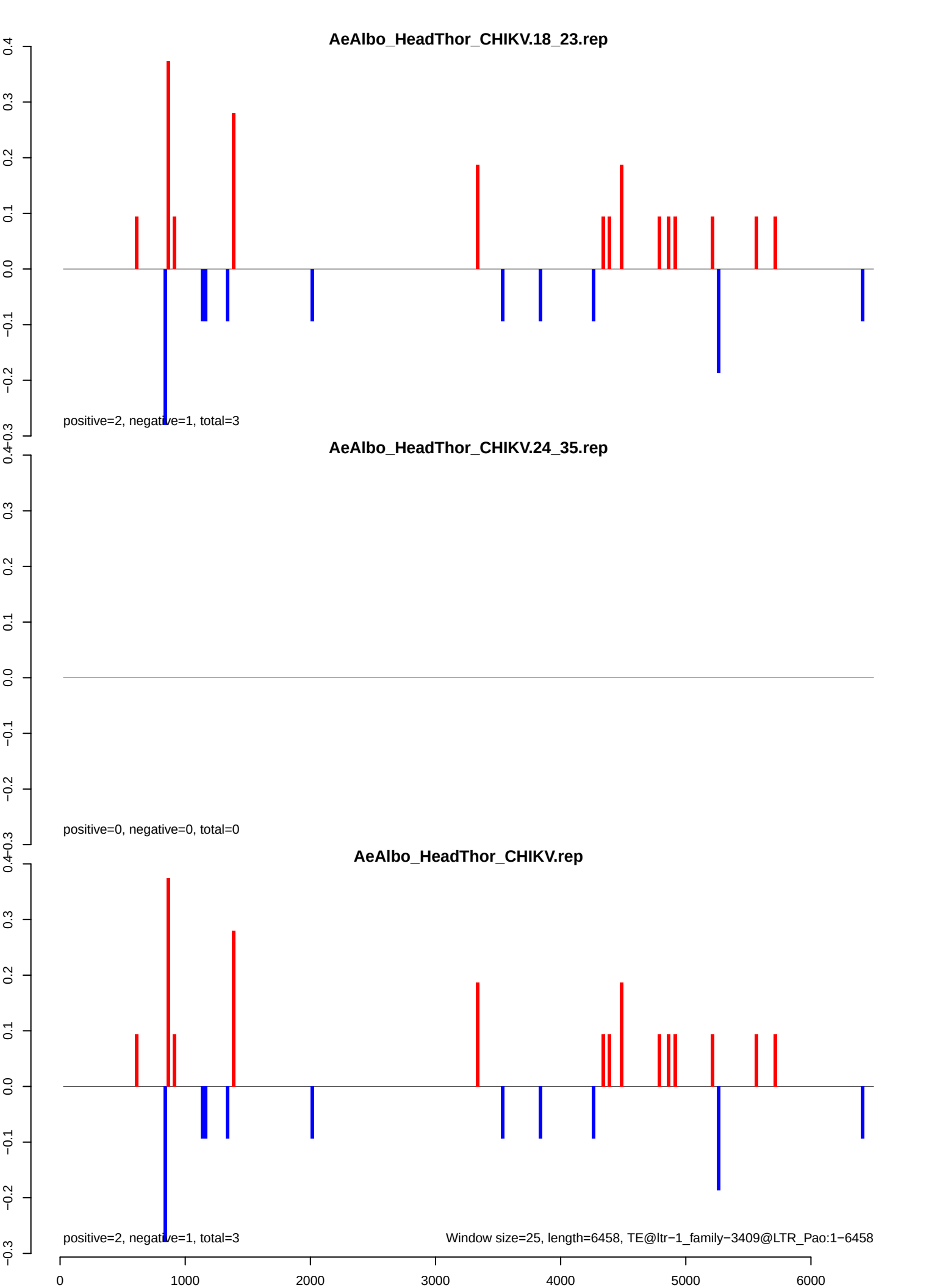

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=6, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=6, total=10
Window size=25, length=2468, TE@ltr−1_family−4088@Unknown:1−2468
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
500
1000
1500
2000
2500

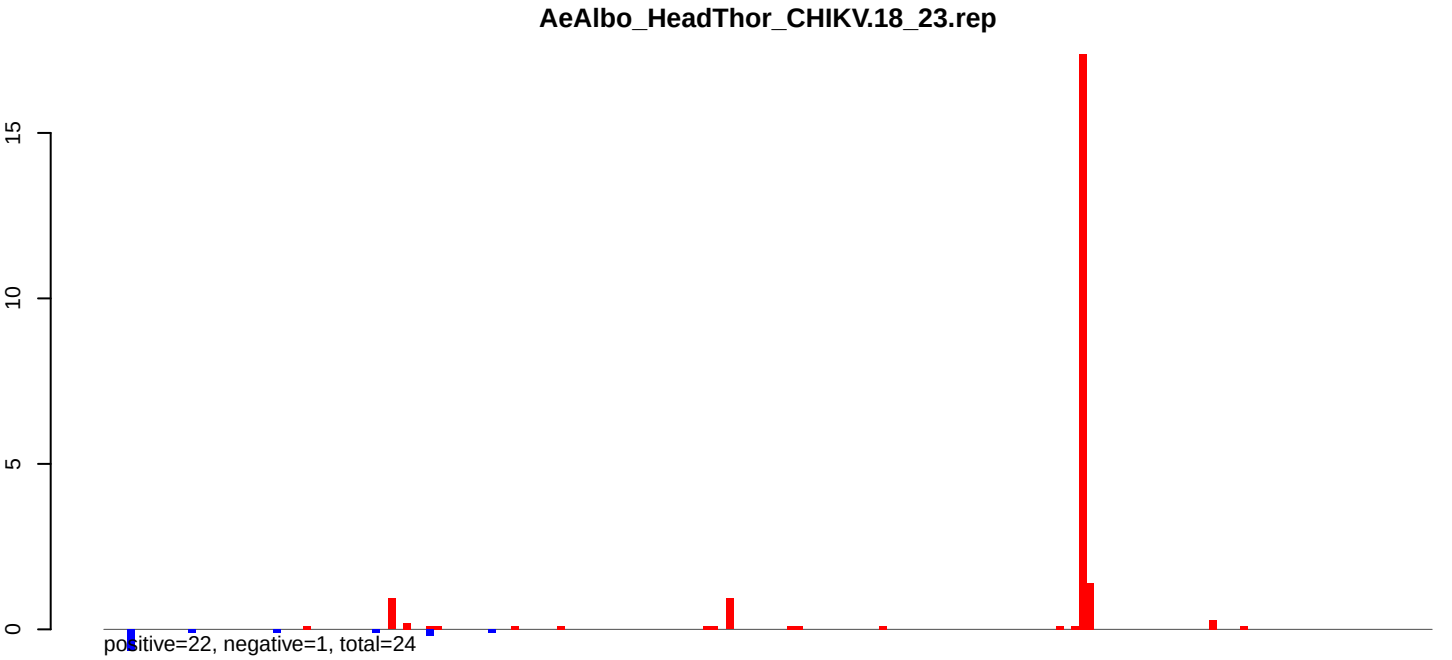

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=61, negative=21, total=83
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=62, negative=22, total=84
Window size=25, length=5086, TE@ltr−1_family−4080@LTR_Gypsy:1−5086
40
30
20
10
0
−10
0
1000
2000
3000
4000
5000

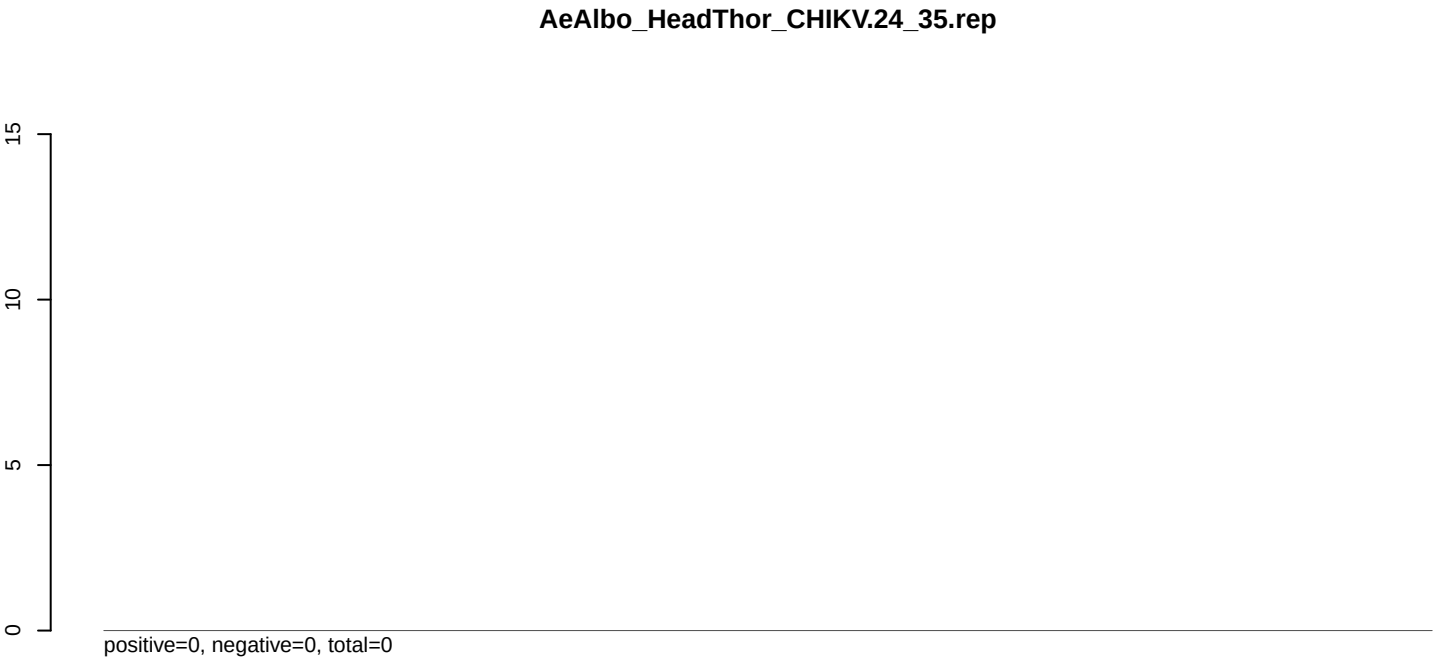

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=5415, TE@ltr−1_family−3794@LTR_Pao:1−5415
0.4
0.2
0.0
−0.2
−0.4
0
1000
2000
3000
4000
5000

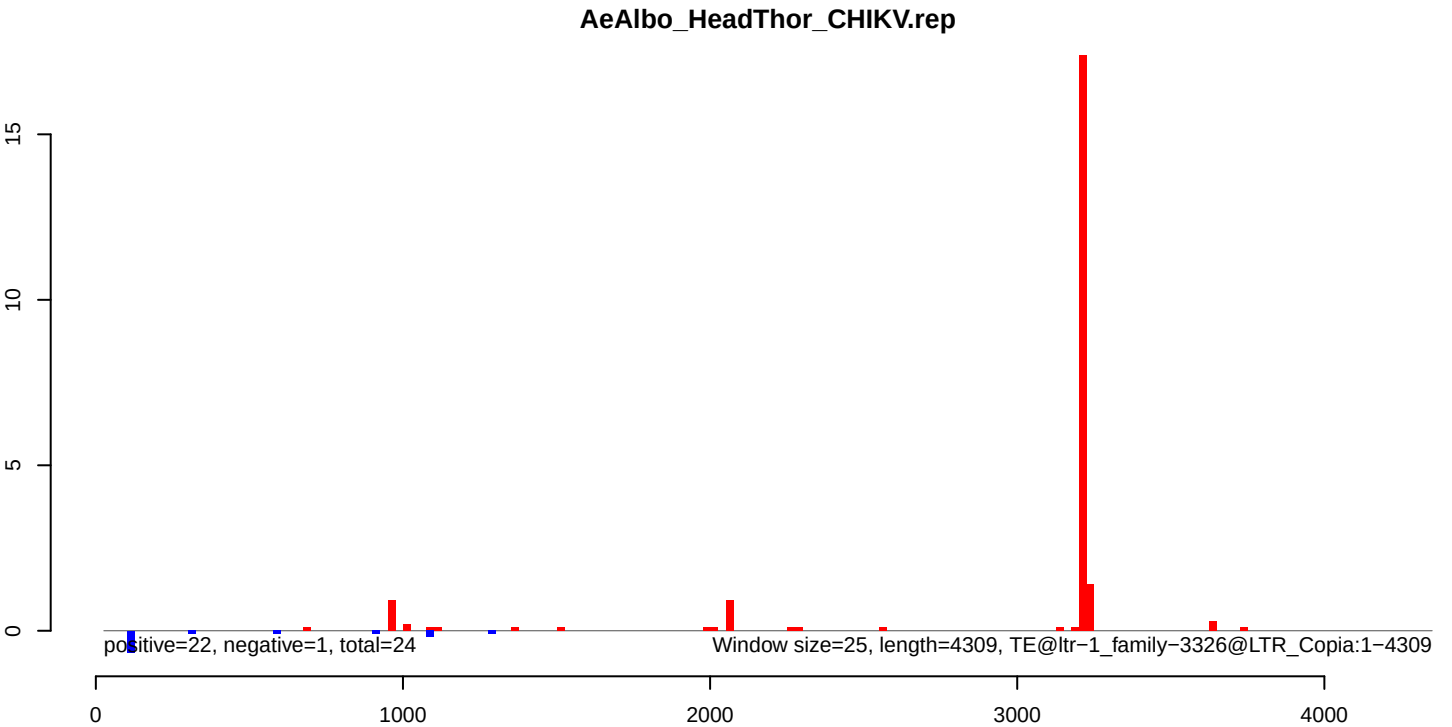

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
−6
−8
positive=7, negative=13, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
−6
−8
positive=7, negative=13, total=20
Window size=25, length=3761, TE@ltr−1_family−3756@LTR_Gypsy:1−3761
0
1000
2000
3000

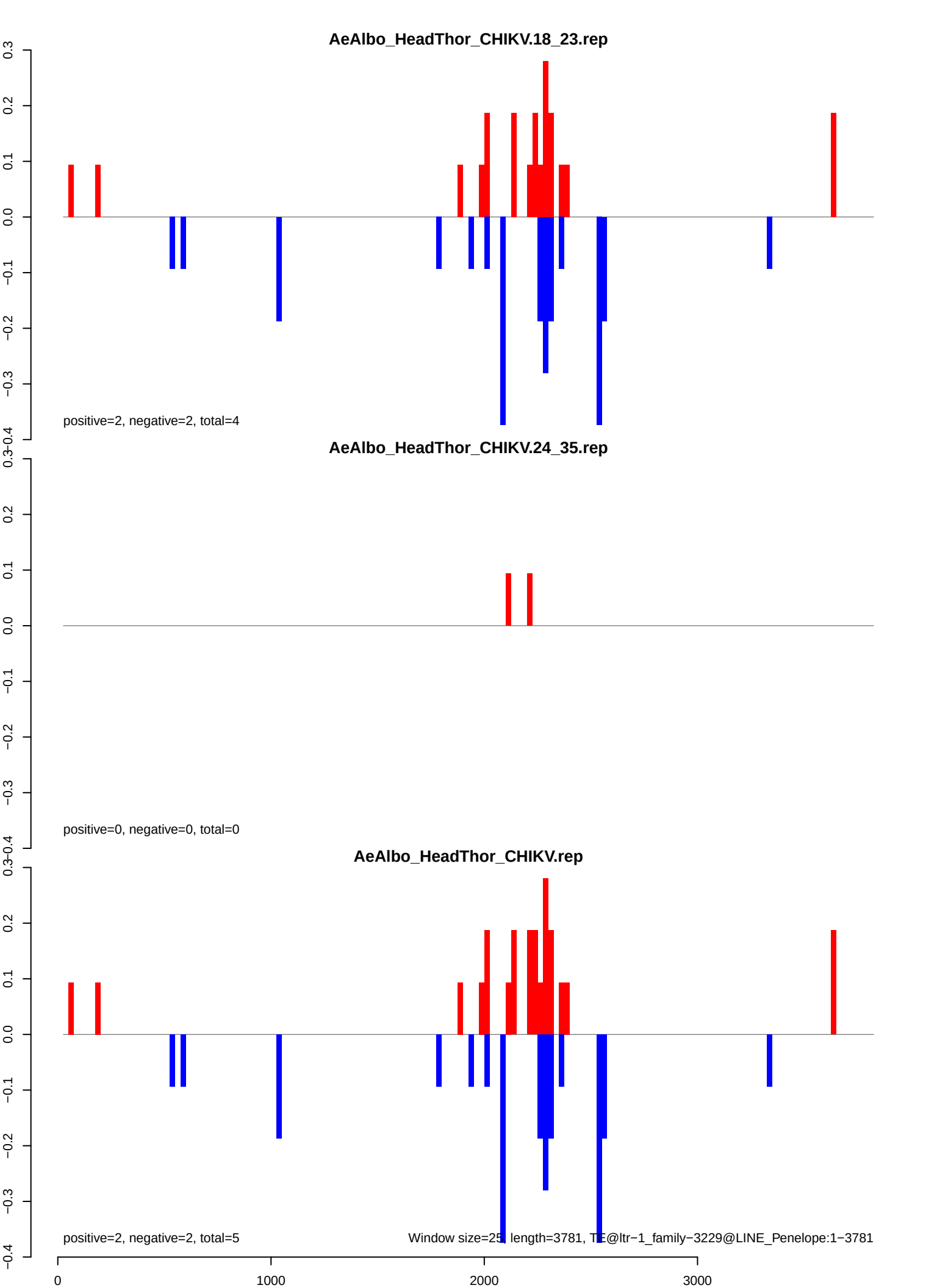

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
positive=10, negative=1, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
positive=10, negative=1, total=10
Window size=25, length=5410, TE@ltr−1_family−3551@LTR_Copia:1−5410
0
1000
2000
3000
4000
5000

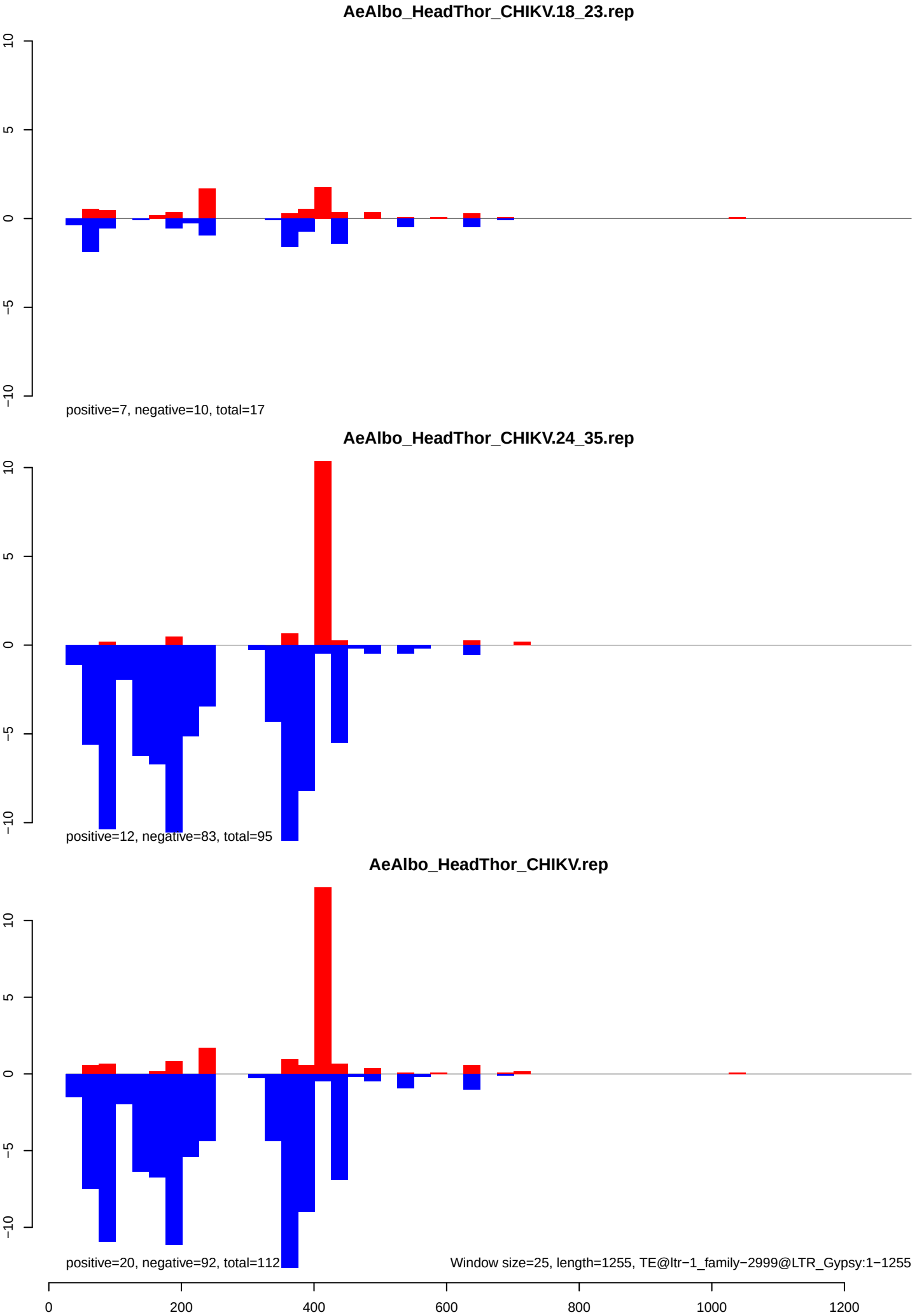

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=6458, TE@ltr−1_family−3409@LTR_Pao:1−6458
0
1000
2000
3000
4000
5000
6000

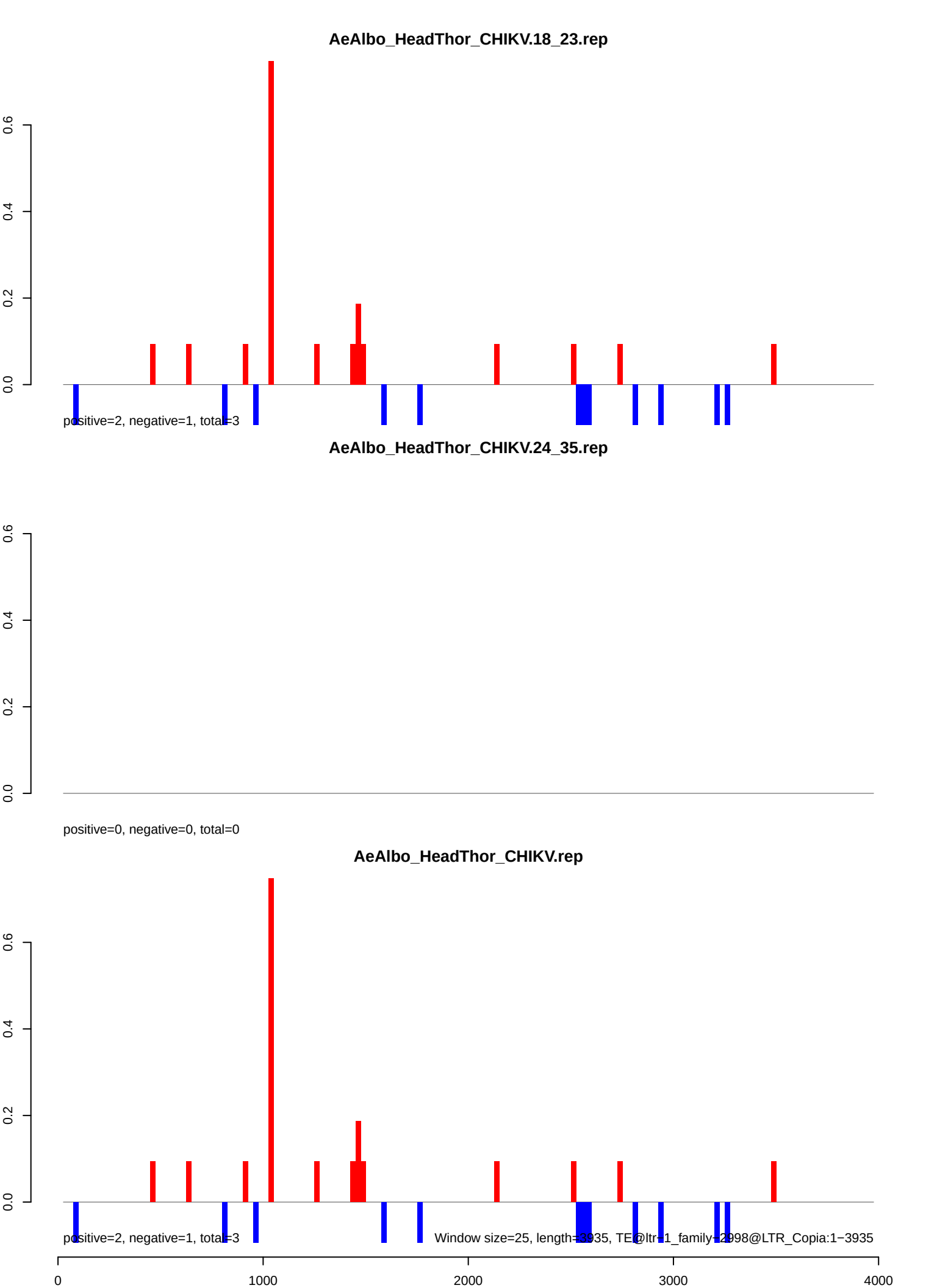

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
positive=22, negative=1, total=24

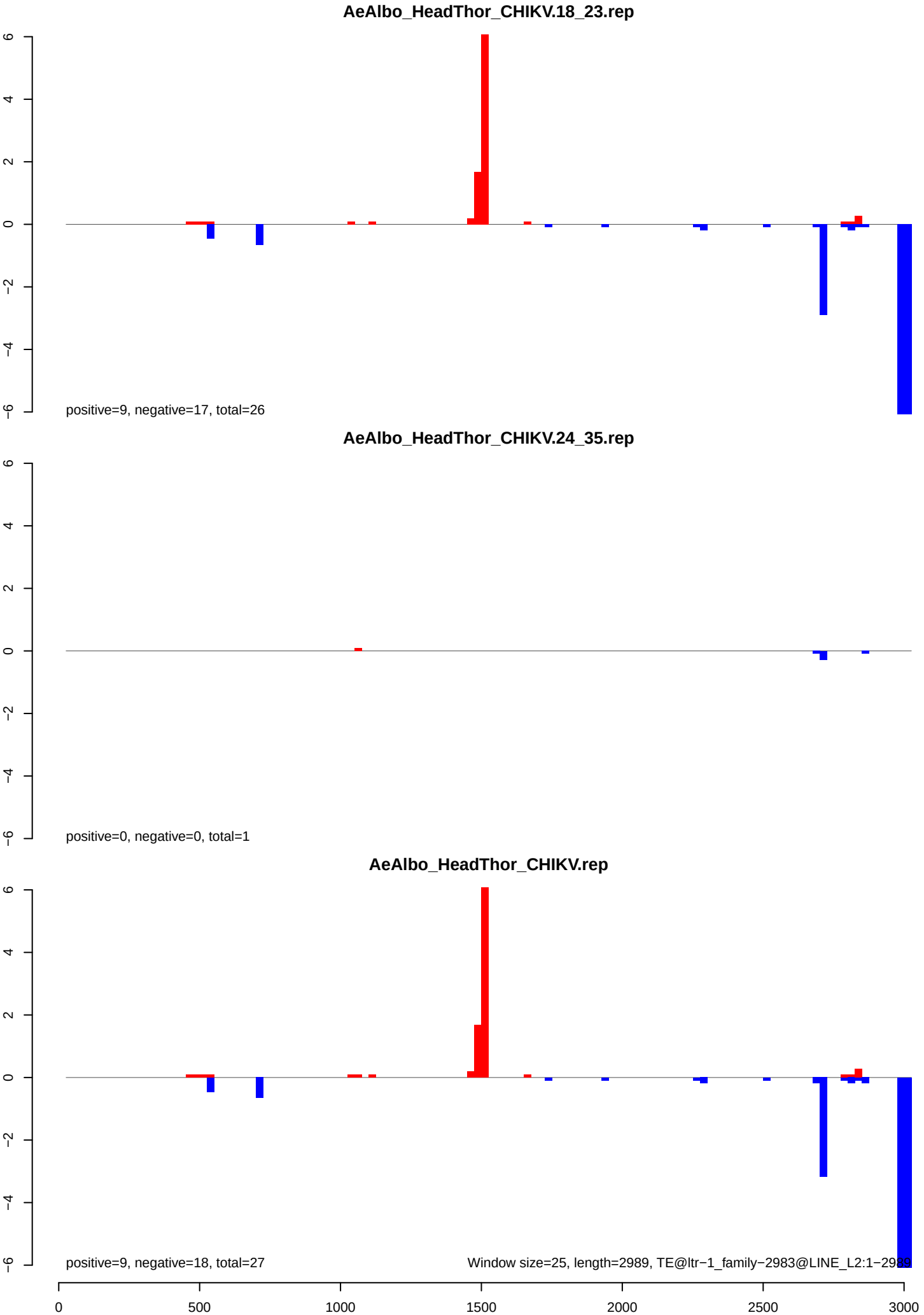

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
positive=0, negative=0, total=0

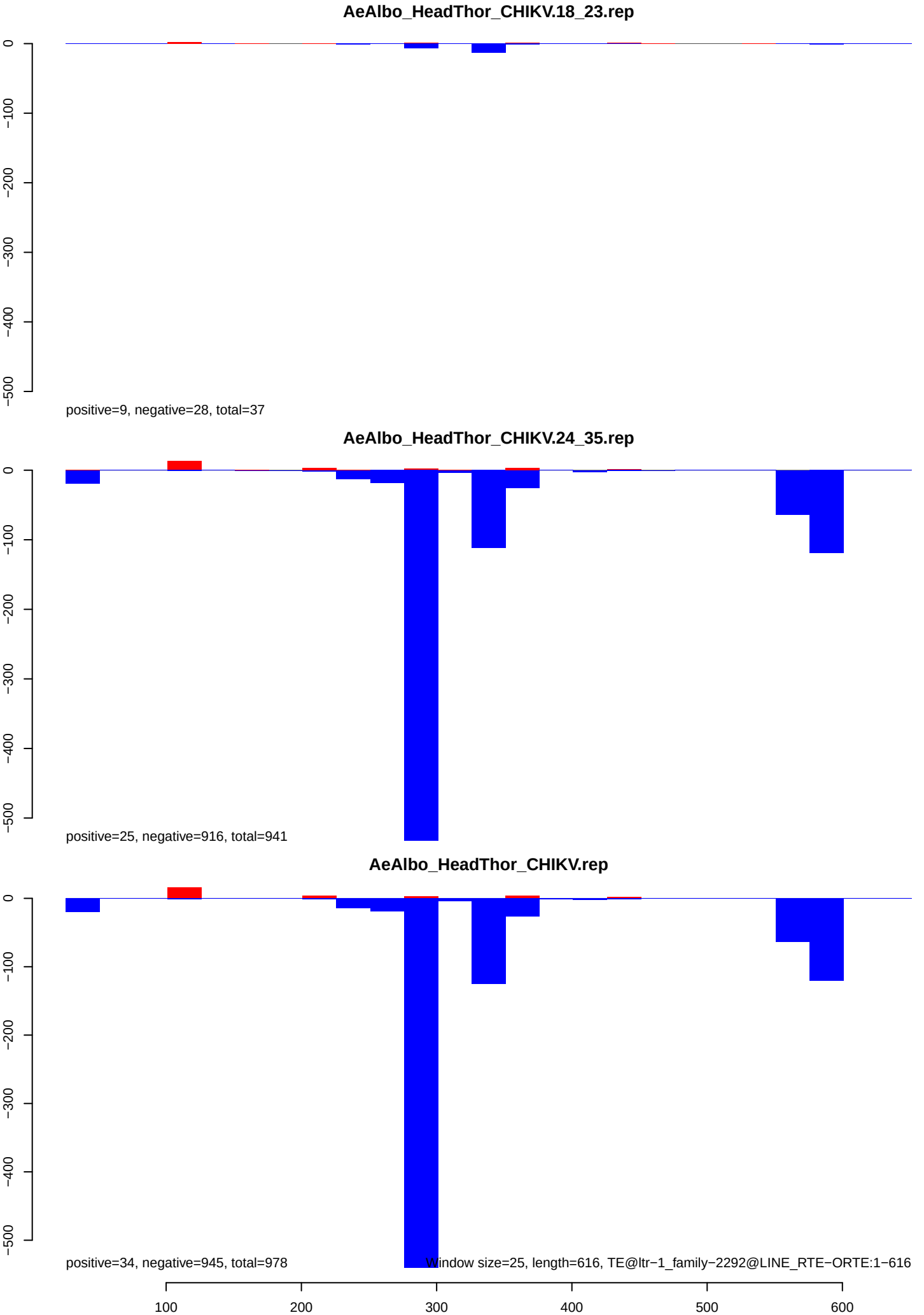

AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
positive=22, negative=1, total=24
Window size=25, length=4309, TE@ltr−1_family−3326@LTR_Copia:1−4309
0
1000
2000
3000
4000

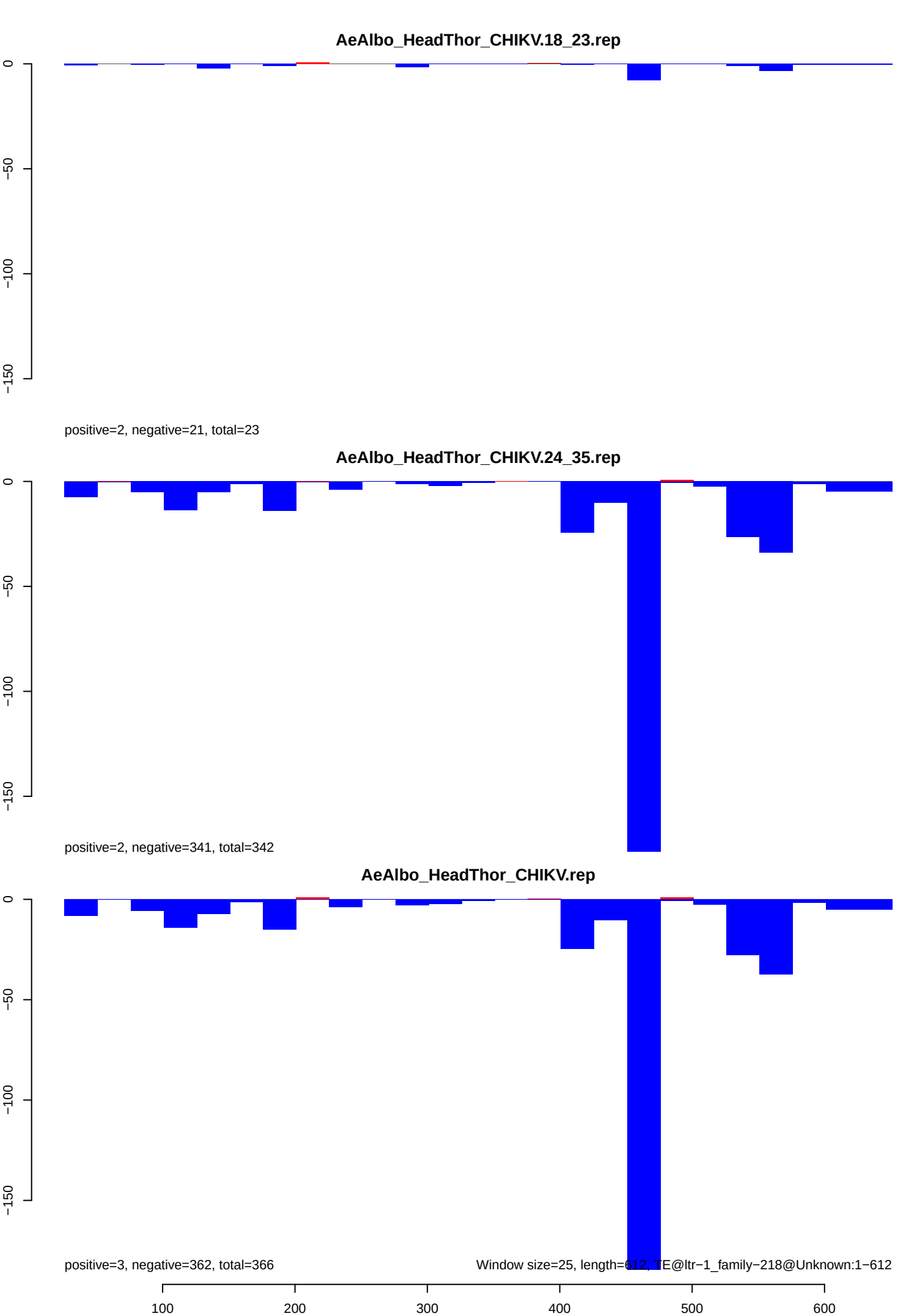

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=5
Window size=25, length=3781, TE@ltr−1_family−3229@LINE_Penelope:1−3781
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
1000
2000
3000

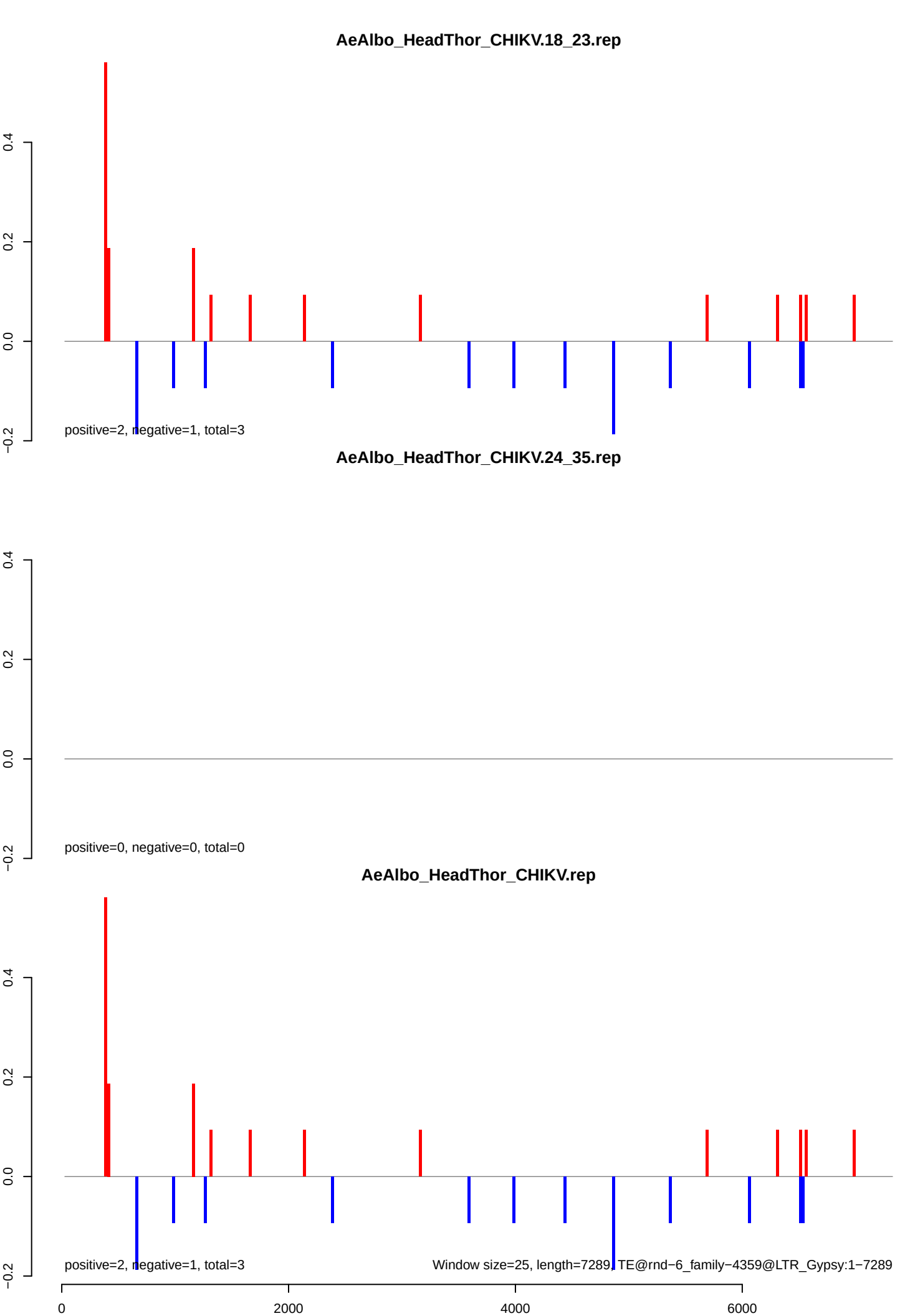

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=10, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=12, negative=83, total=95
AeAlbo_HeadThor_CHIKV.rep
positive=20, negative=92, total=112
Window size=25, length=1255, TE@ltr−1_family−2999@LTR_Gypsy:1−1255
10
5
0
−5
−10
0
200
400
600
800
1000
1200

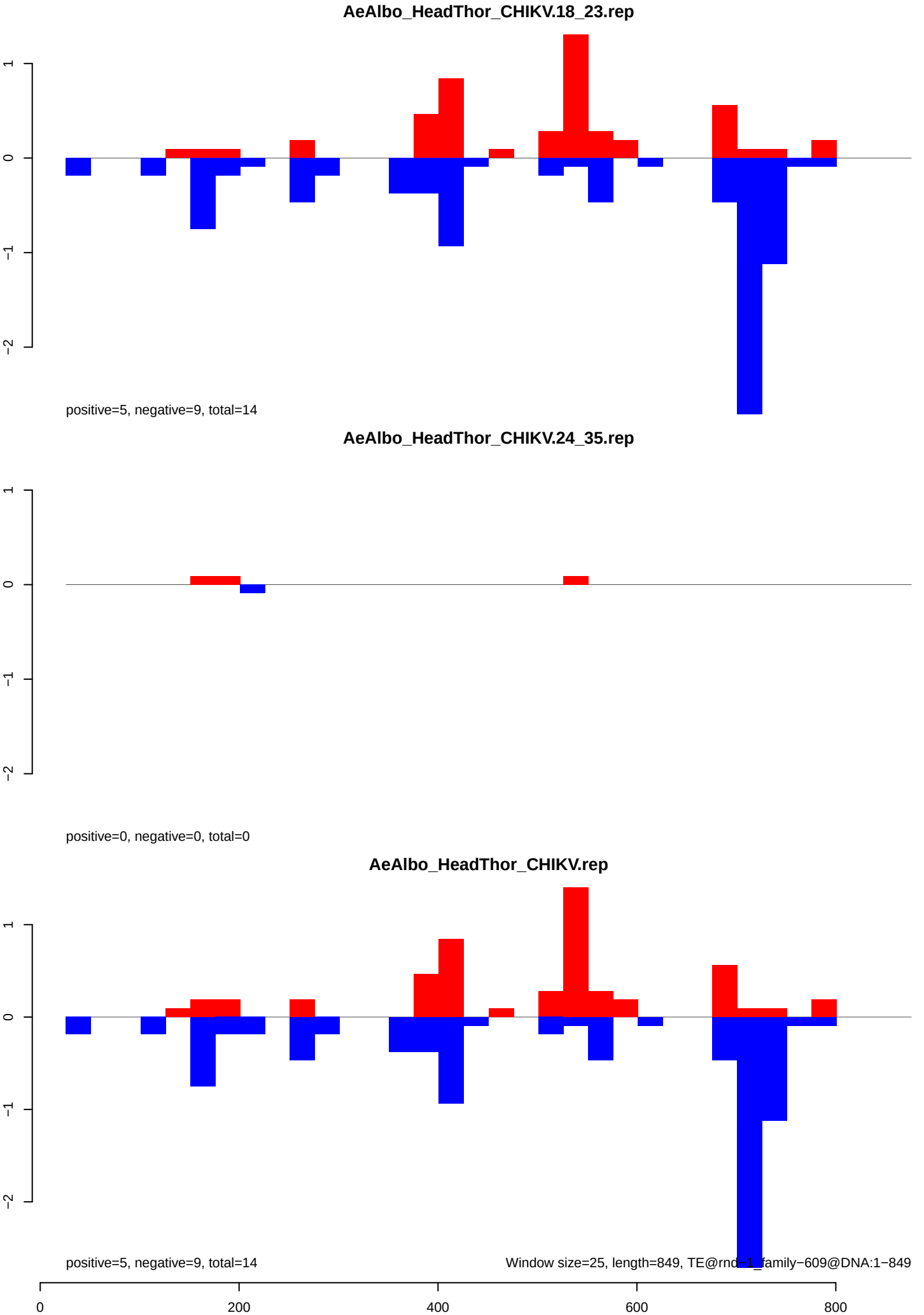

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=2, negative=1, total=3
Window size=25, length=3935, TE@ltr=1_family=2998@LTR_Copia:1−3935
0
1000
2000
3000
4000

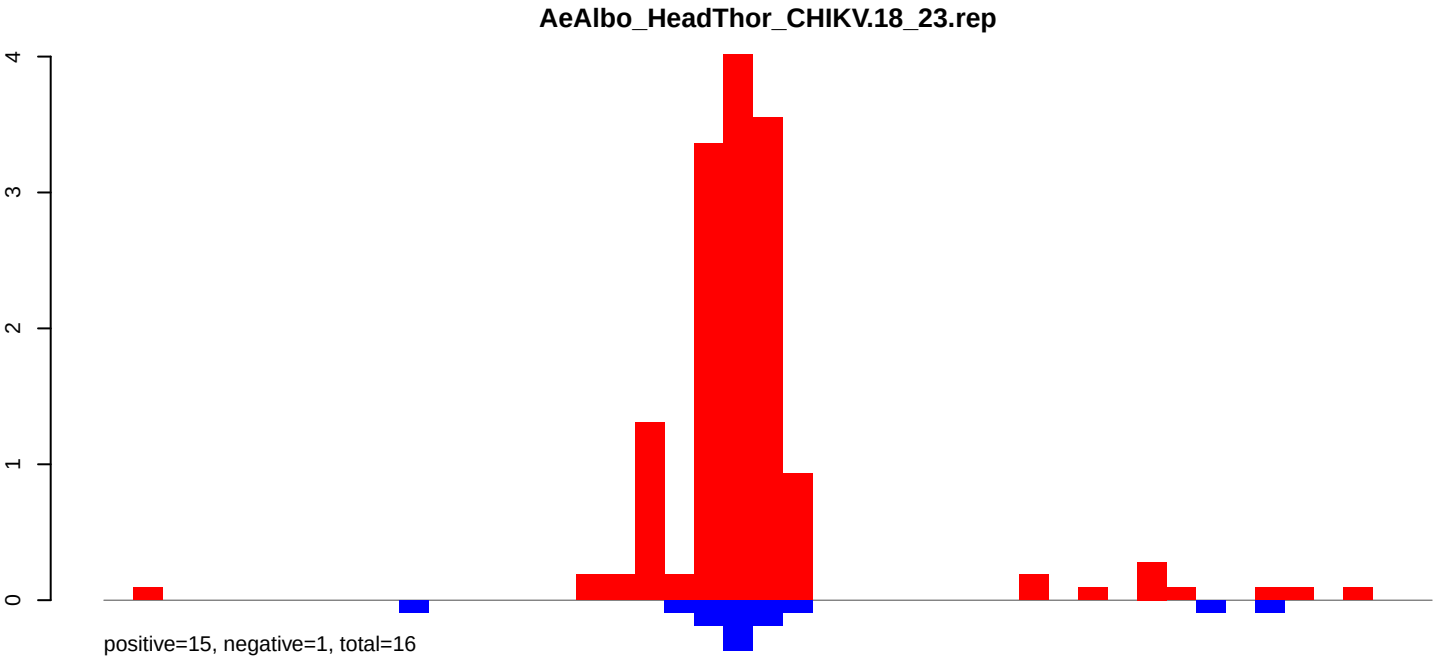

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=17, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=18, total=27
Window size=25, length=2989, TE@ltr−1_family−2983@LINE_L2:1−2989
6
4
2
0
−2
−4
−6
0
500
1000
1500
2000
2500
3000

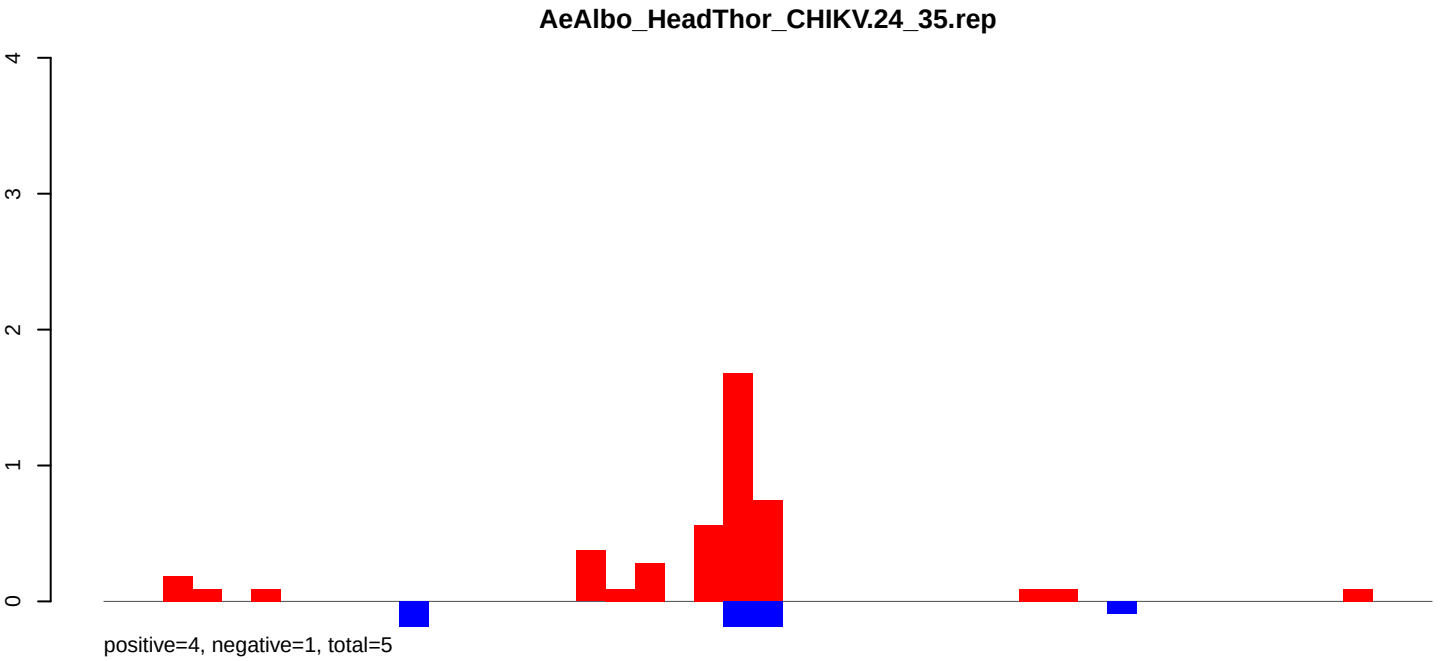

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−100
−200
−300
−400
−500
positive=9, negative=28, total=37
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−100
−200
−300
−400
−500
positive=25, negative=916, total=941
AeAlbo_HeadThor_CHIKV.rep
0
−100
−200
−300
−400
−500
positive=34, negative=945, total=978
Window size=25, length=616, TE@ltr−1_family−2292@LINE_RTE−ORTE:1−616
100
200
300
400
500
600

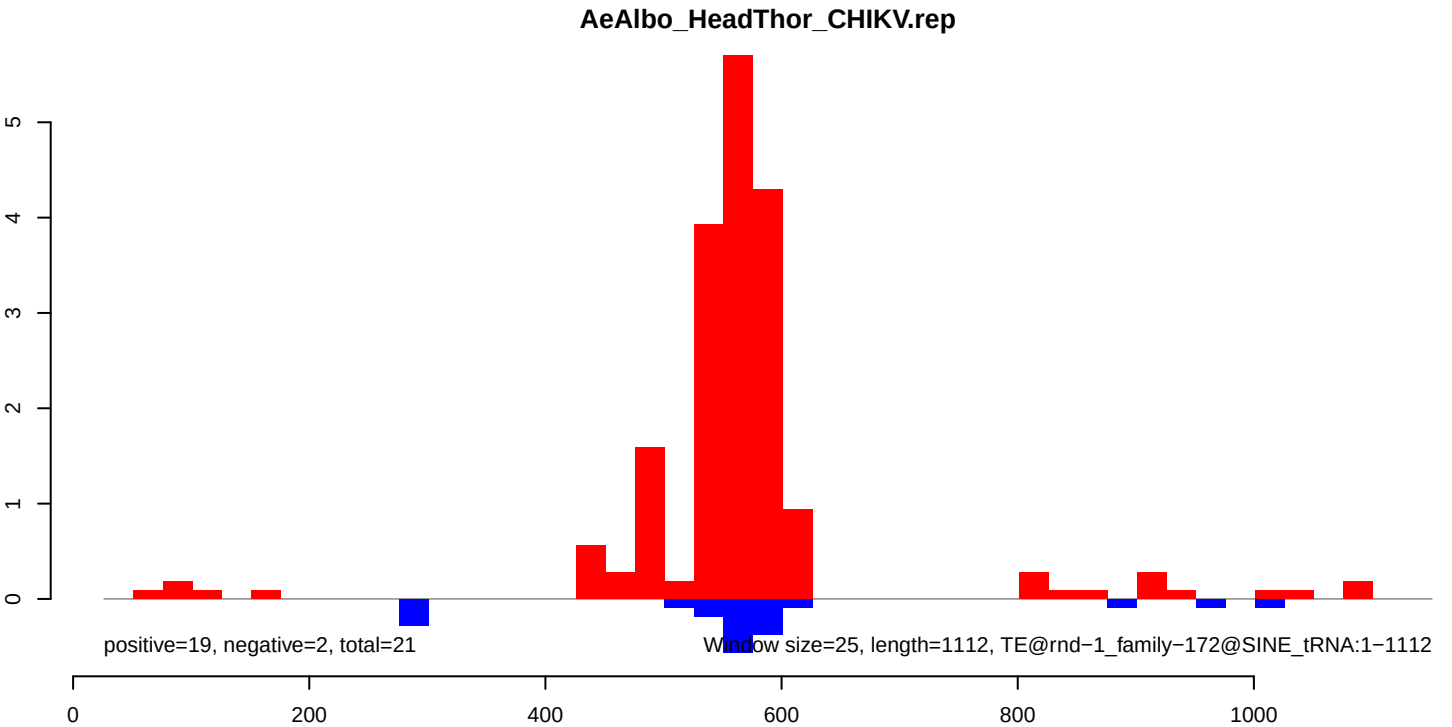

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
positive=2, negative=21, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
positive=2, negative=341, total=342
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
positive=3, negative=362, total=366
Window size=25, length=612, TE@ltr−1_family−218@Unknown:1−612
100
200
300
400
500
600

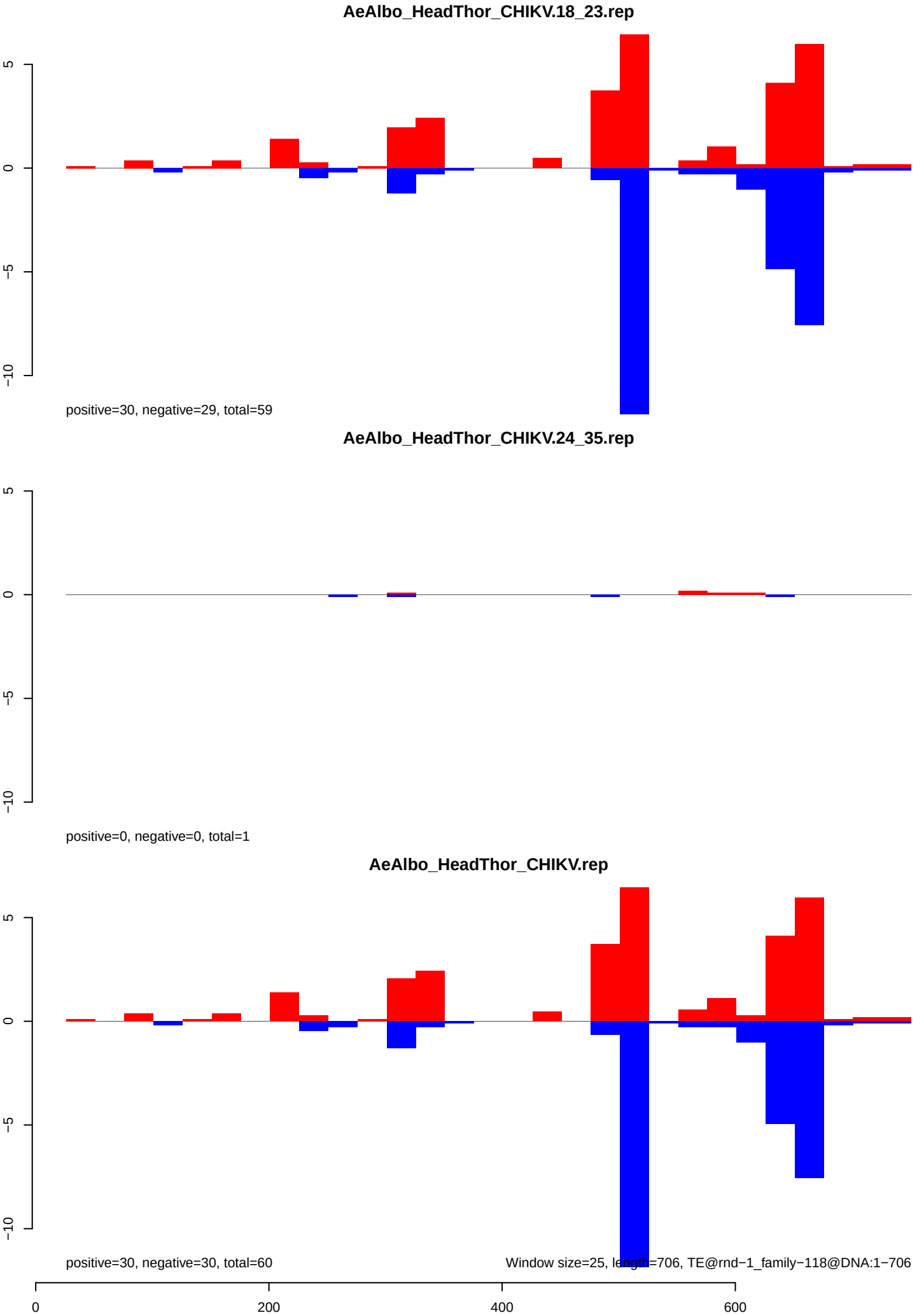

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=7289, TE@rnd−6_family−4359@LTR_Gypsy:1−7289
0
2000
4000
6000

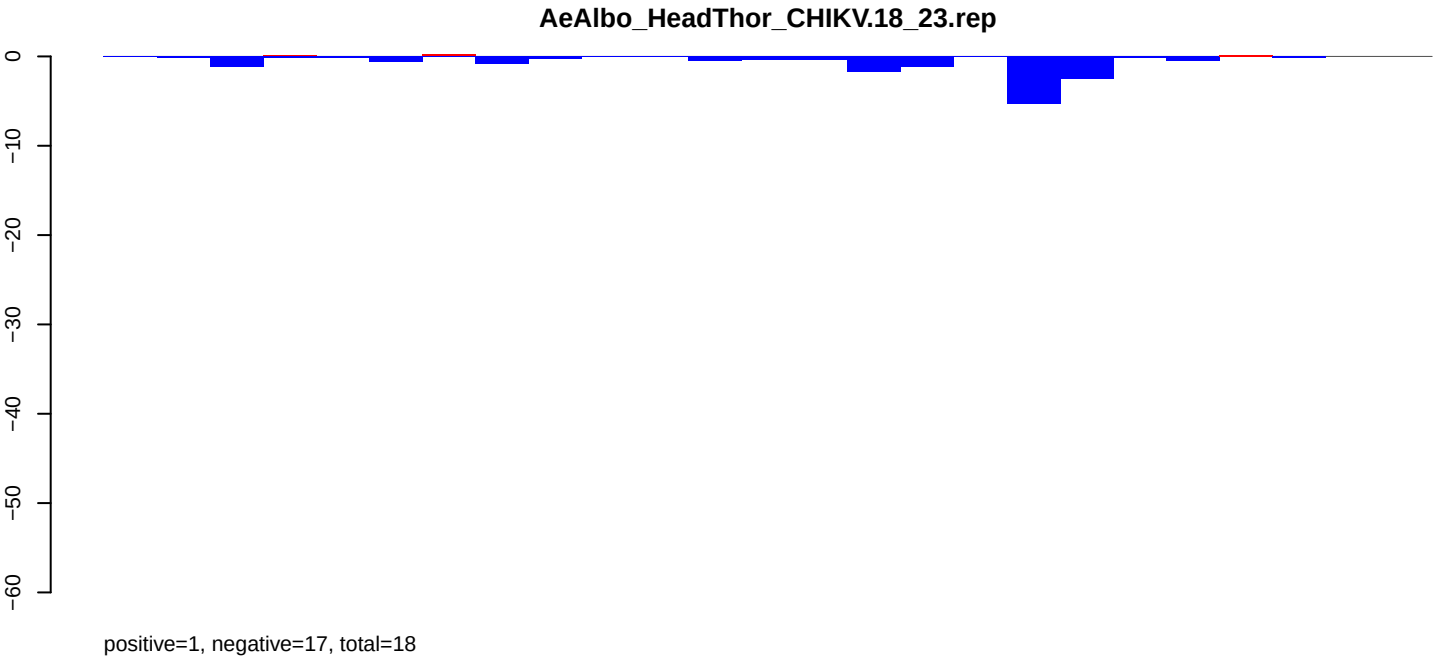

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=5, negative=9, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=5, negative=9, total=14
Window size=25, length=849, TE@rnd−1_family−609@DNA:1−849
0
200
400
600
800

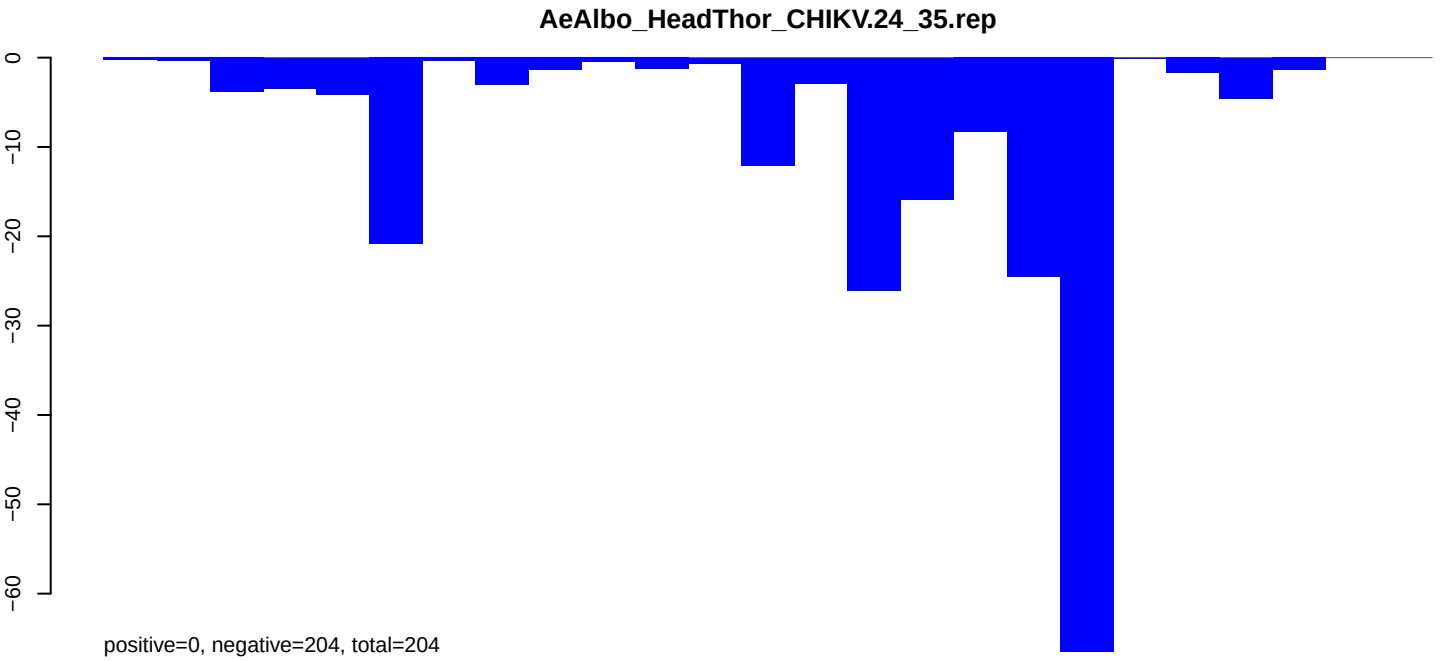

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=15, negative=1, total=16

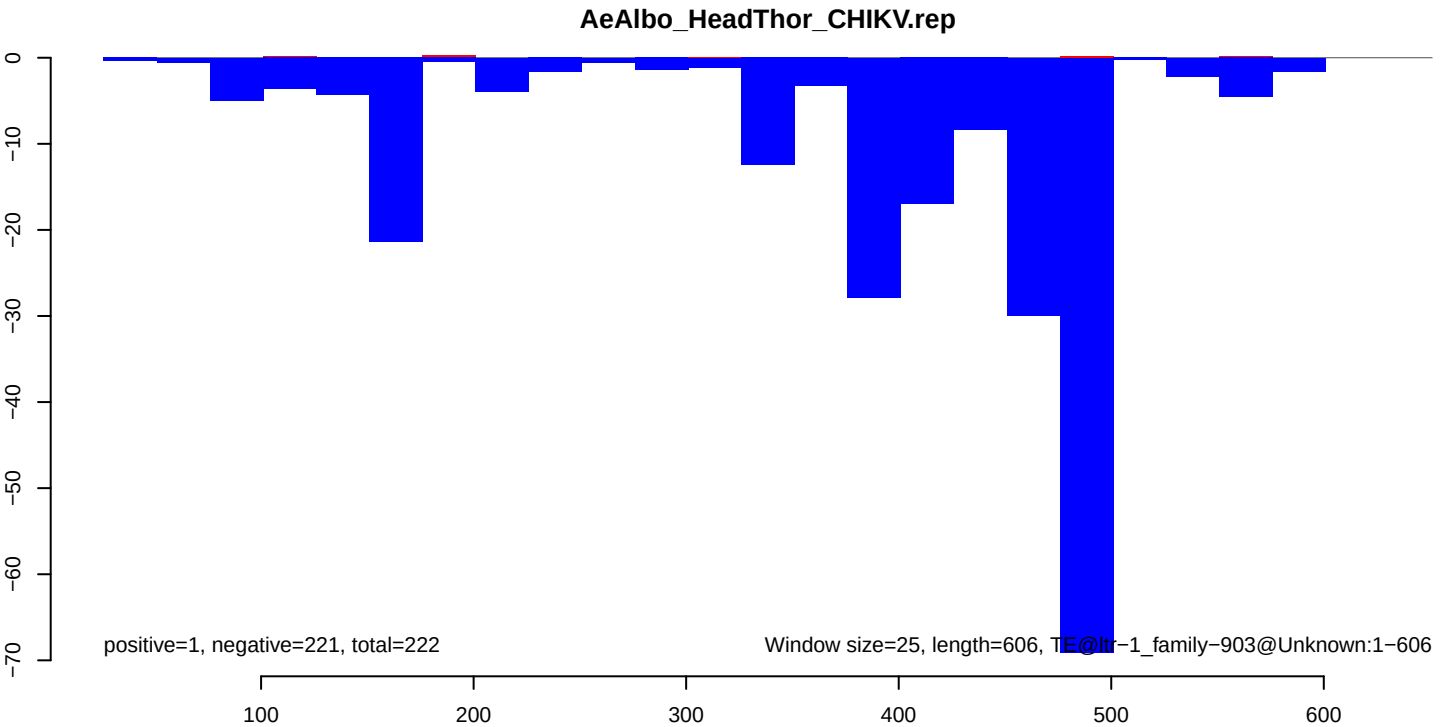

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=4, negative=1, total=5

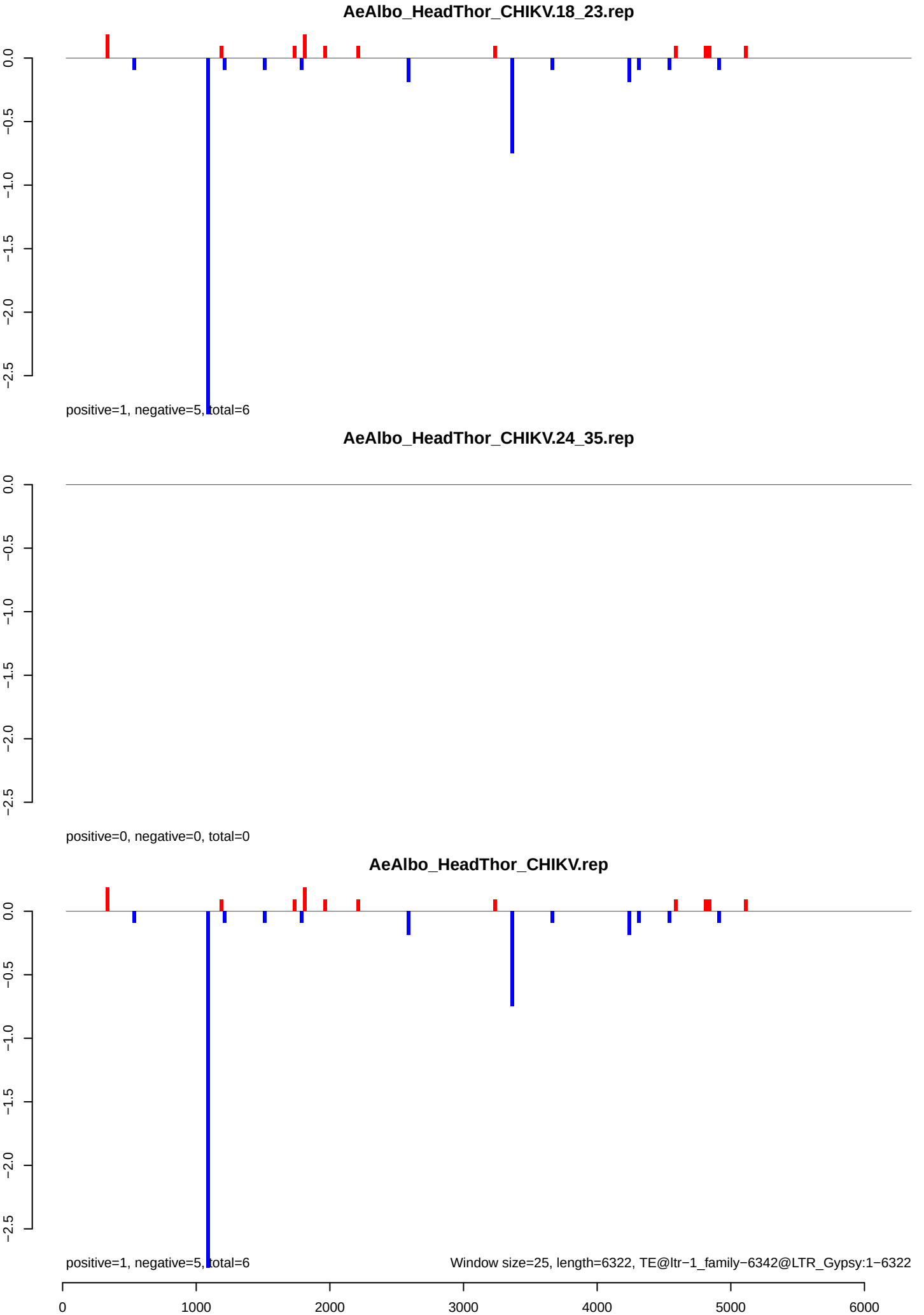

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=19, negative=2, total=21
Window size=25, length=1112, TE@rnd−1_family−172@SINE_tRNA:1−1112
0
200
400
600
800
1000

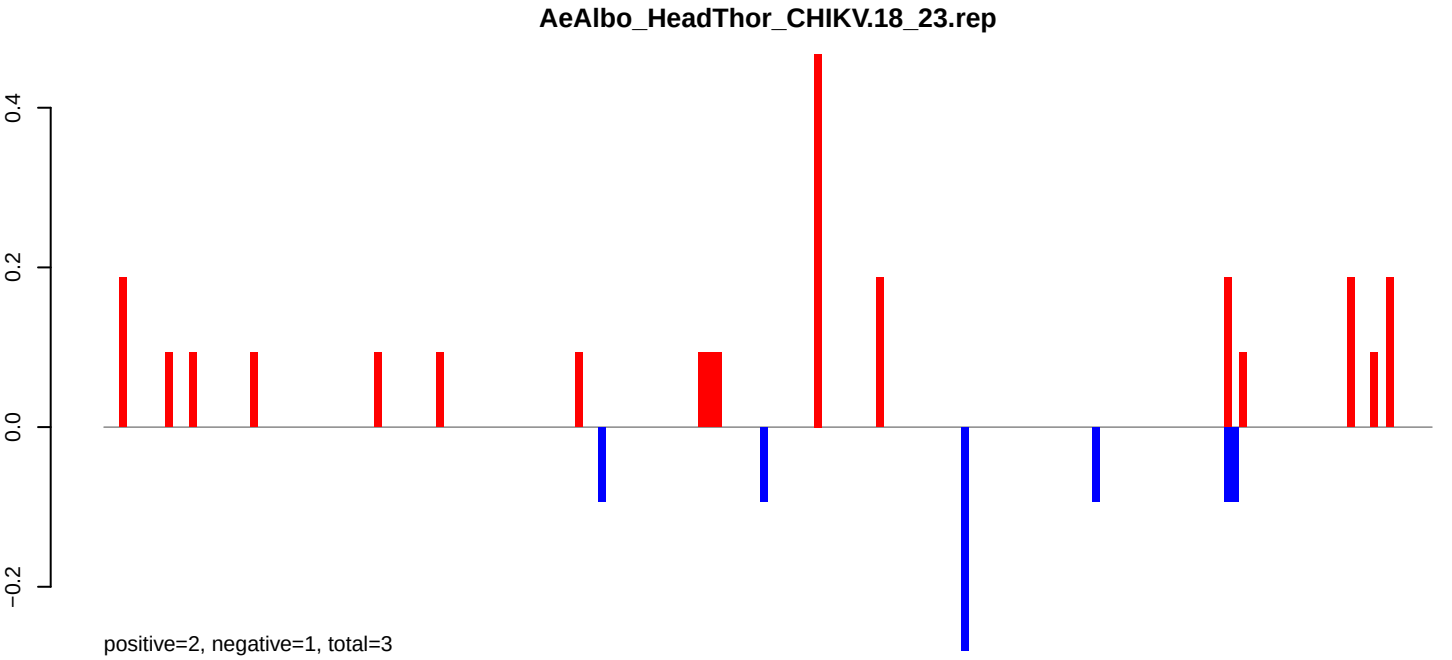

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
positive=30, negative=29, total=59
AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
positive=30, negative=30, total=60
Window size=25, length=706, TE@rnd−1_family−118@DNA:1−706
0
200
400
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
−60
positive=1, negative=17, total=18

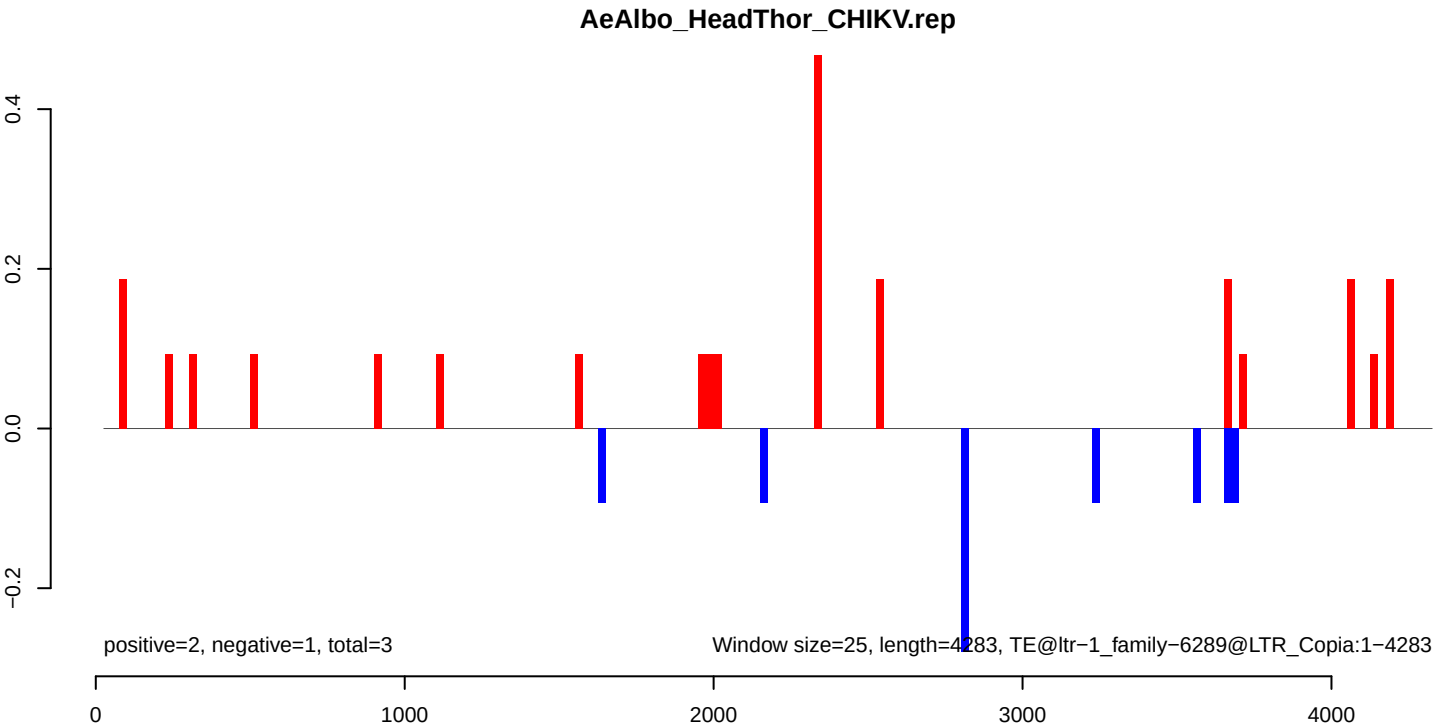

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
−50
−60
positive=0, negative=204, total=204

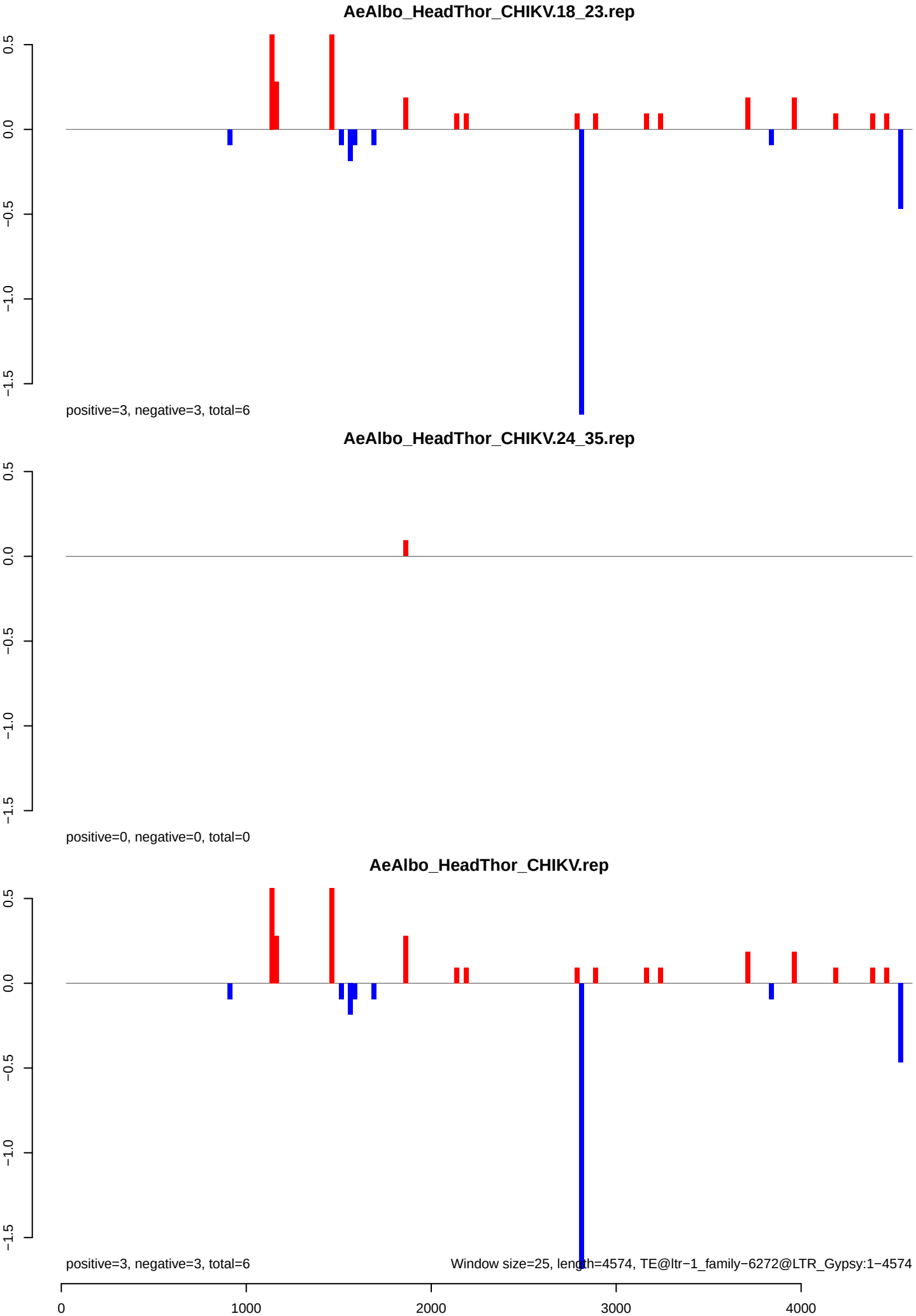

AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
−60
−70
positive=1, negative=221, total=222
Window size=25, length=606, TE@lir−1_family−903@Unknown:1−606
100
200
300
400
500
600

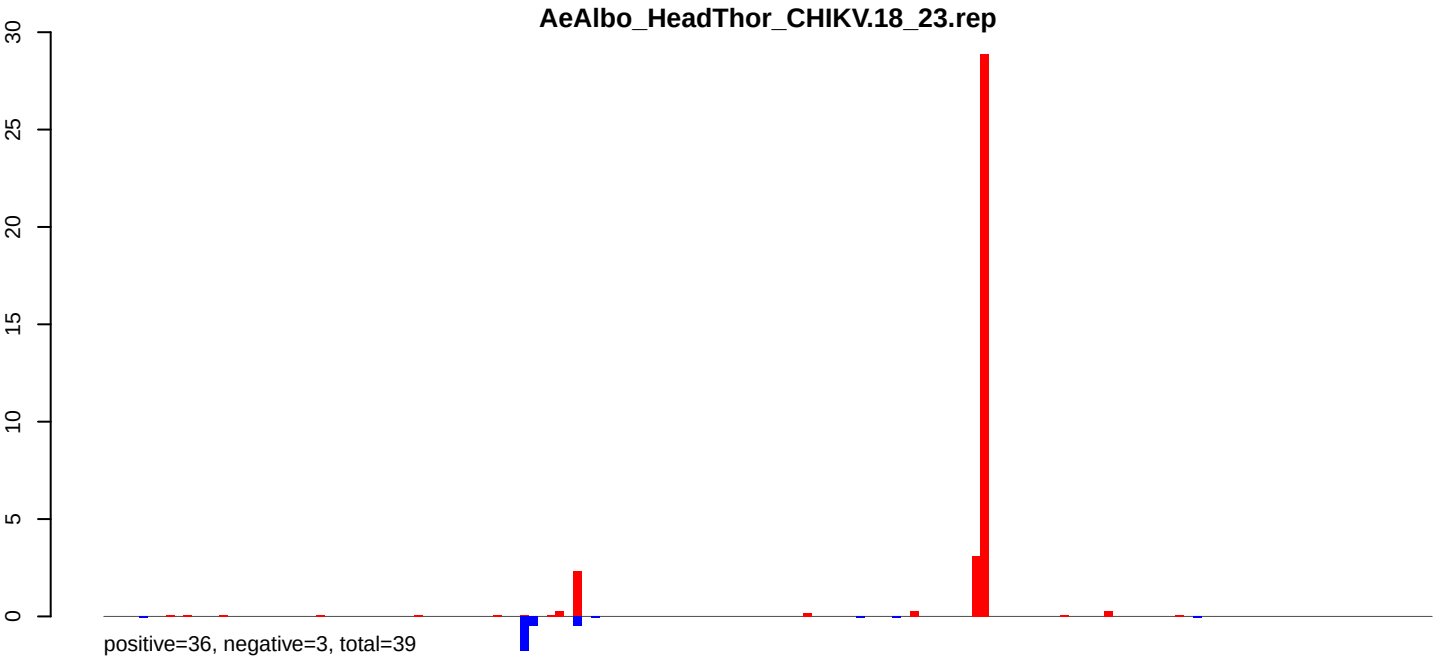

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=5, total=6
Window size=25, length=6322, TE@ltr−1_family−6342@LTR_Gypsy:1−6322
0
1000
2000
3000
4000
5000
6000

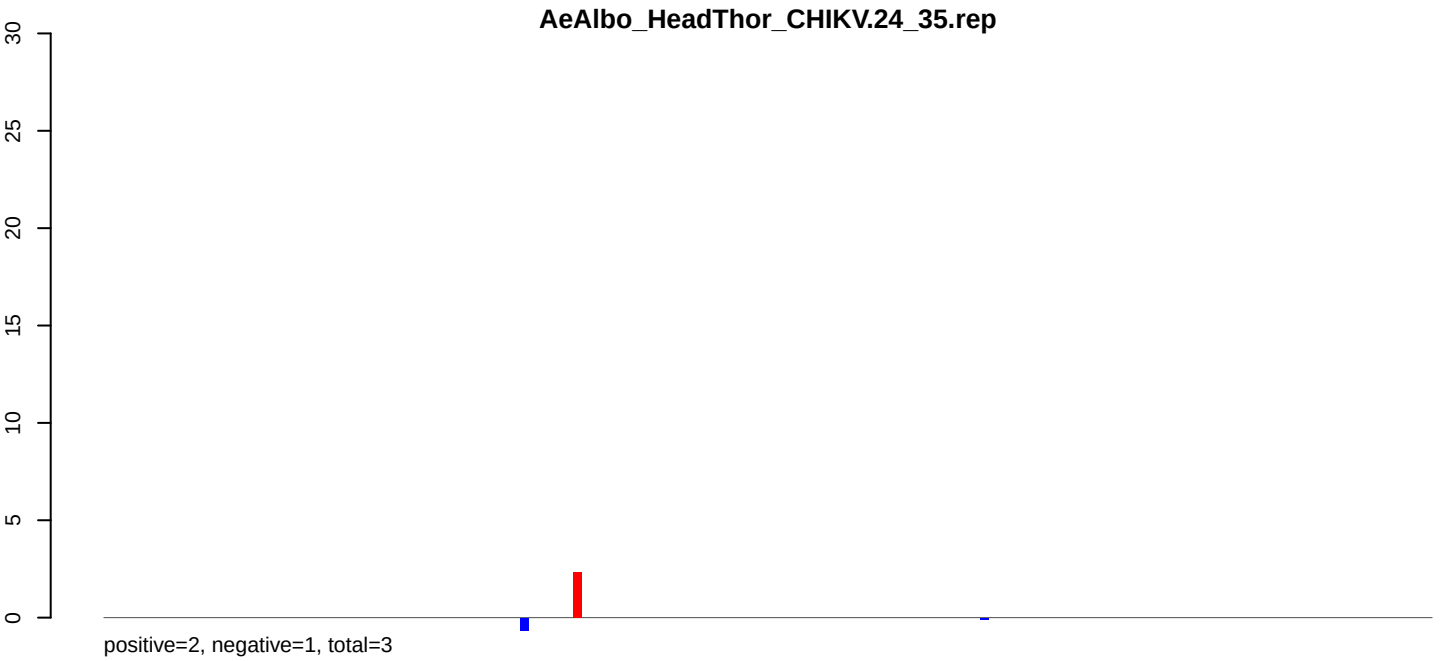

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3

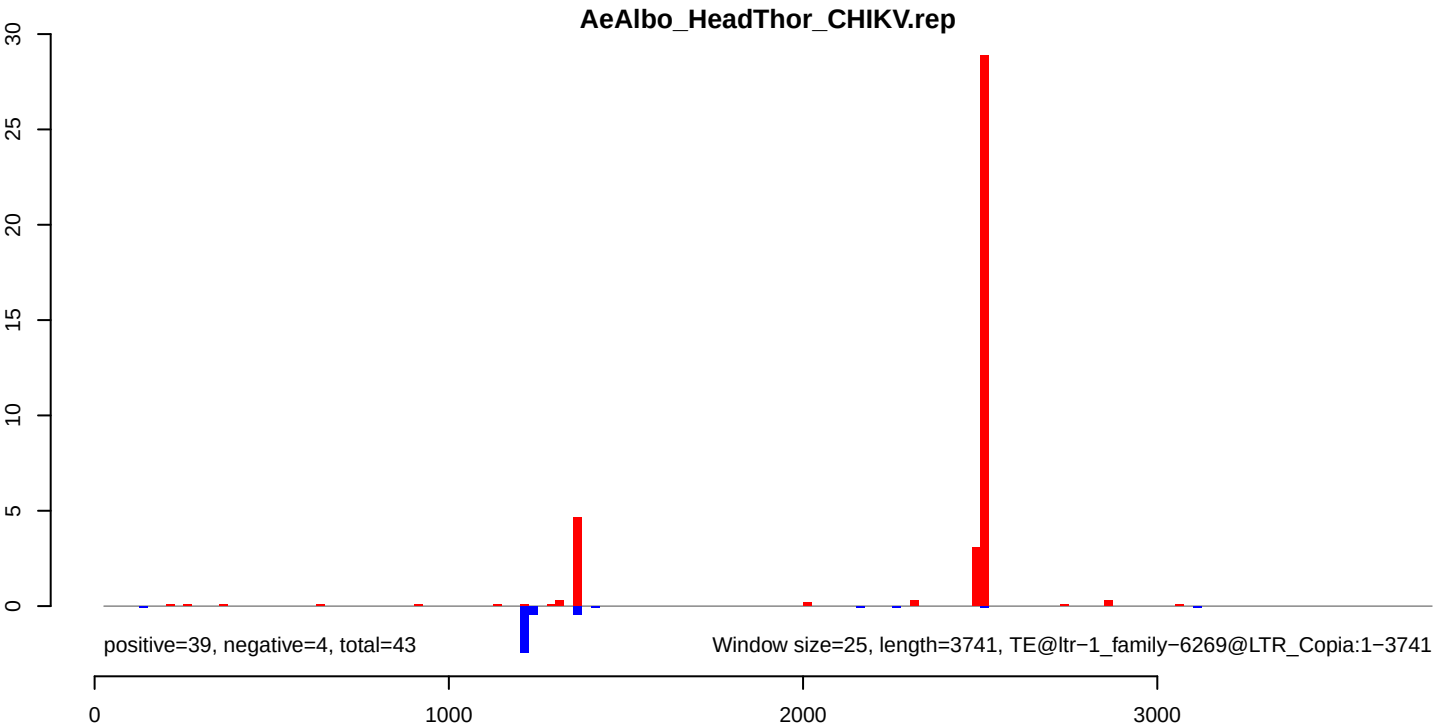
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

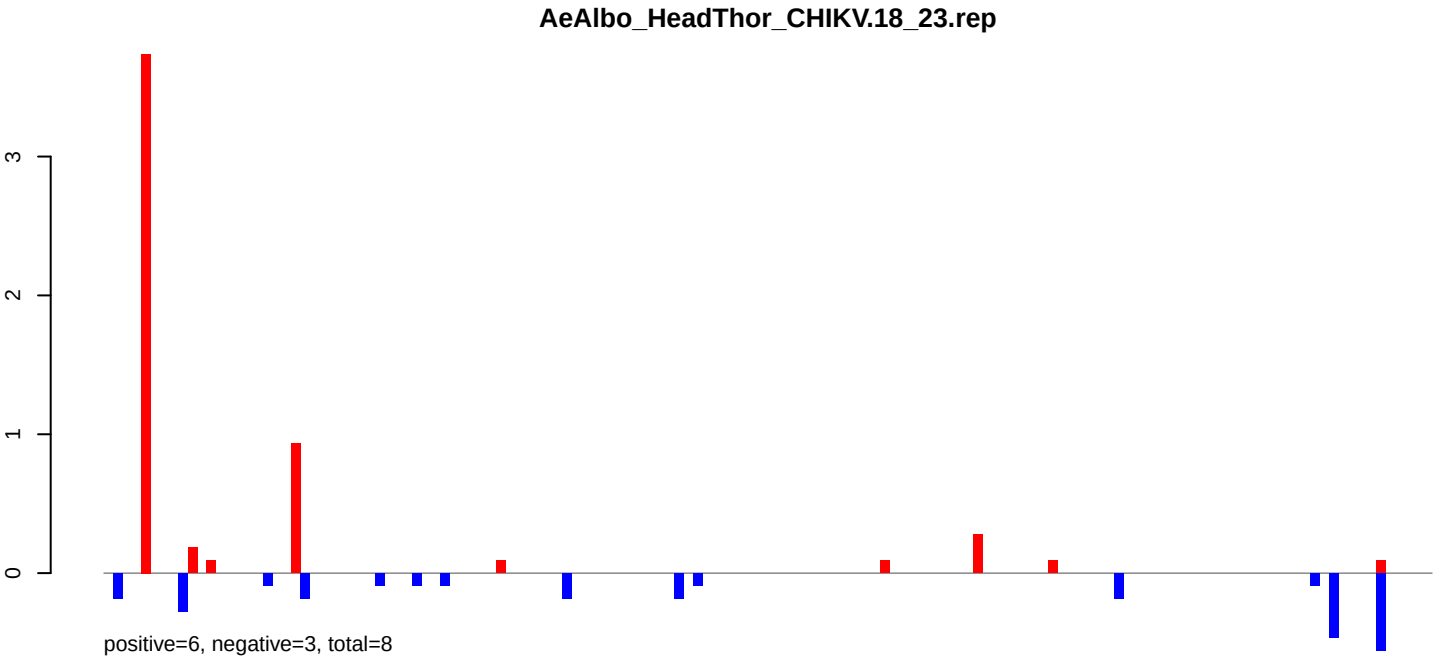

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=4283, TE@ltr−1_family−6289@LTR_Copia:1−4283
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=6
Window size=25, length=4574, TE@ltr−1_family−6272@LTR_Gypsy:1−4574
0
1000
2000
3000
4000

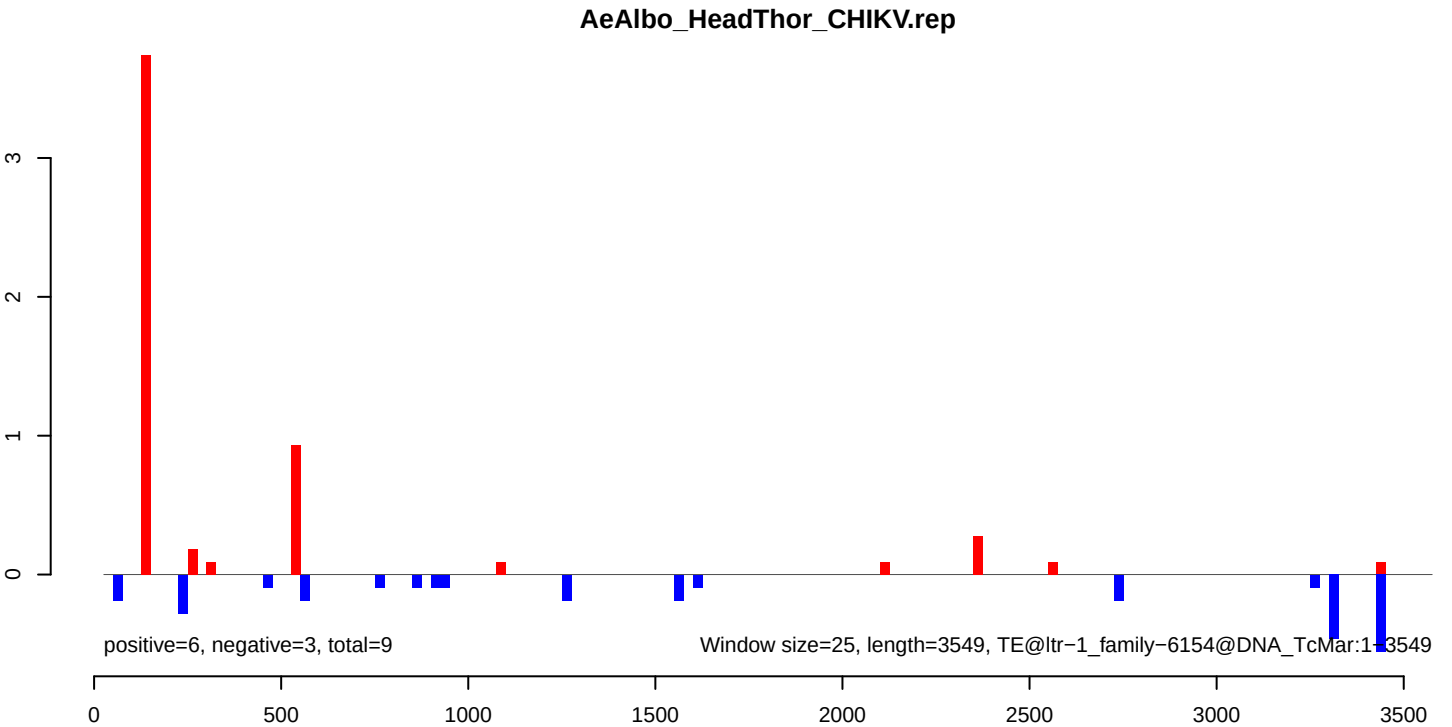

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
25
30
positive=36, negative=3, total=39

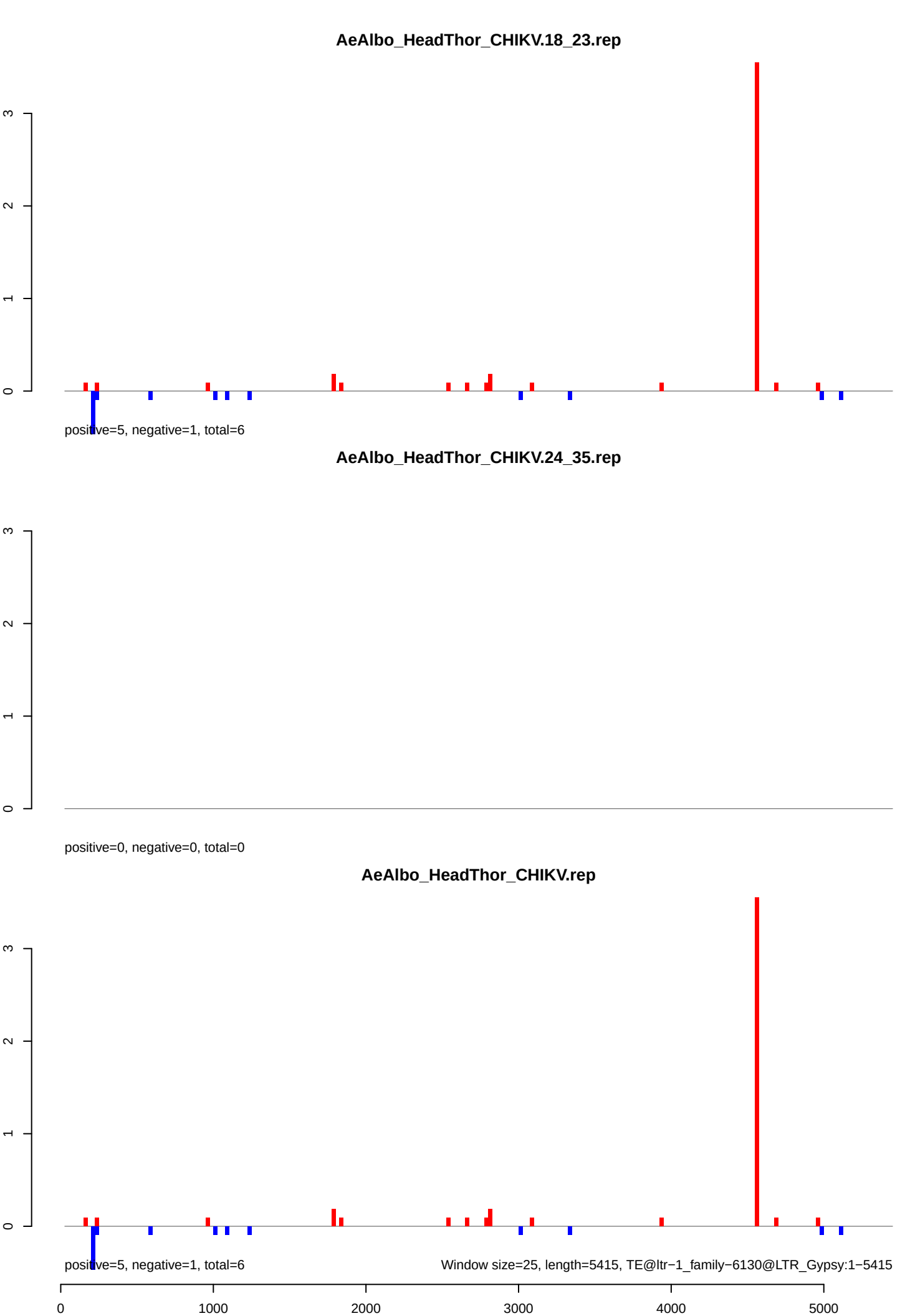

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
25
30
positive=2, negative=1, total=3

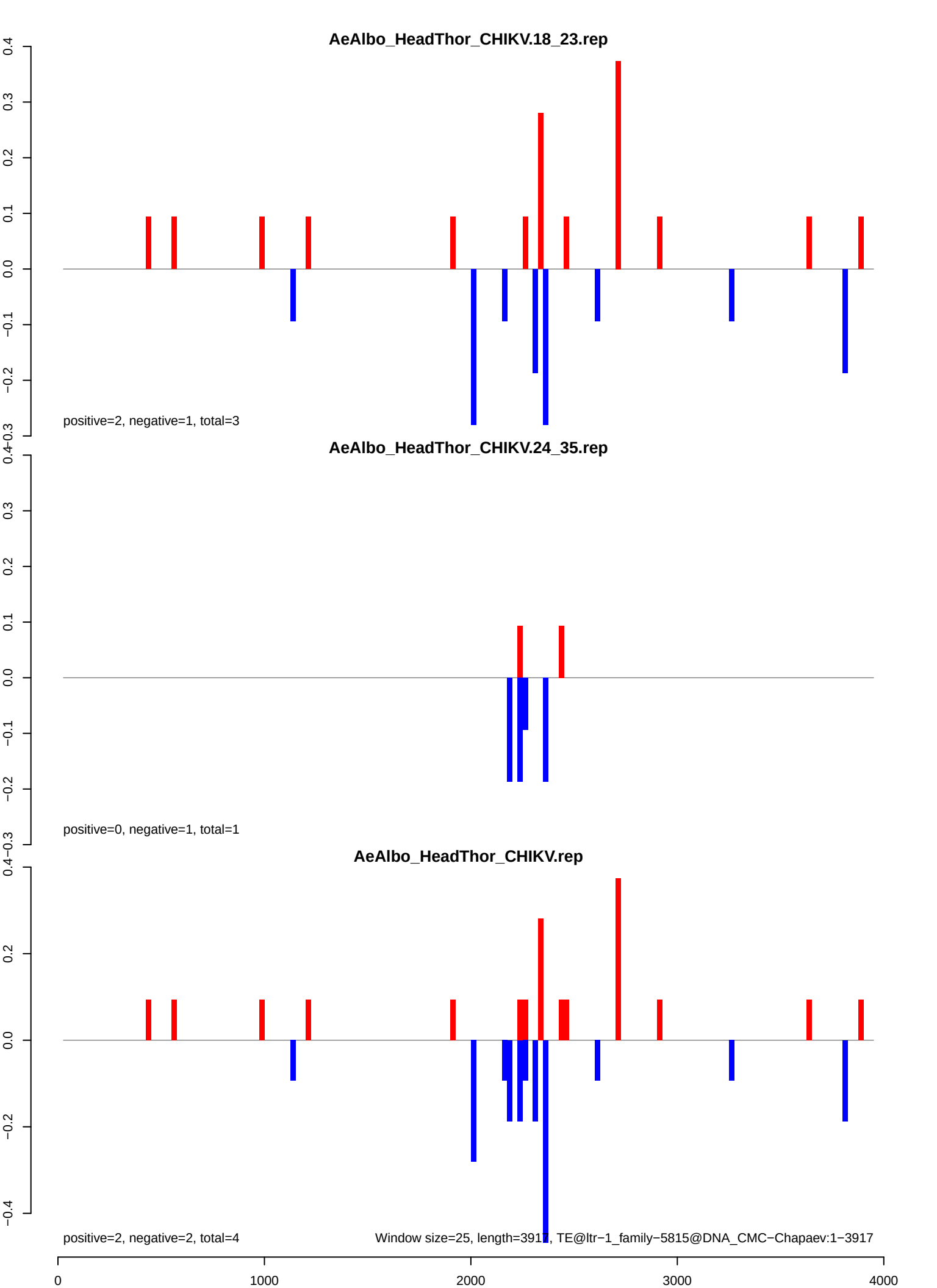

AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
25
30
positive=39, negative=4, total=43
Window size=25, length=3741, TE@ltr−1_family−6269@LTR_Copia:1−3741
0
1000
2000
3000

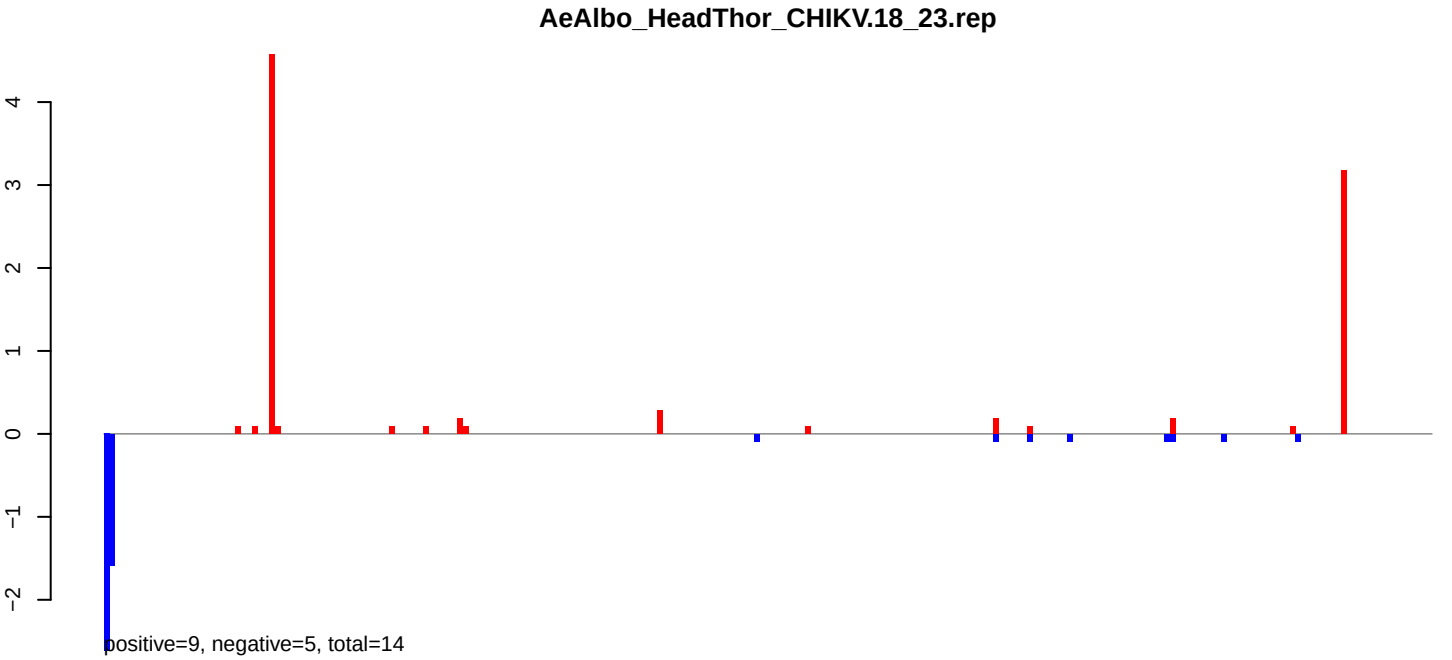

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=6, negative=3, total=8

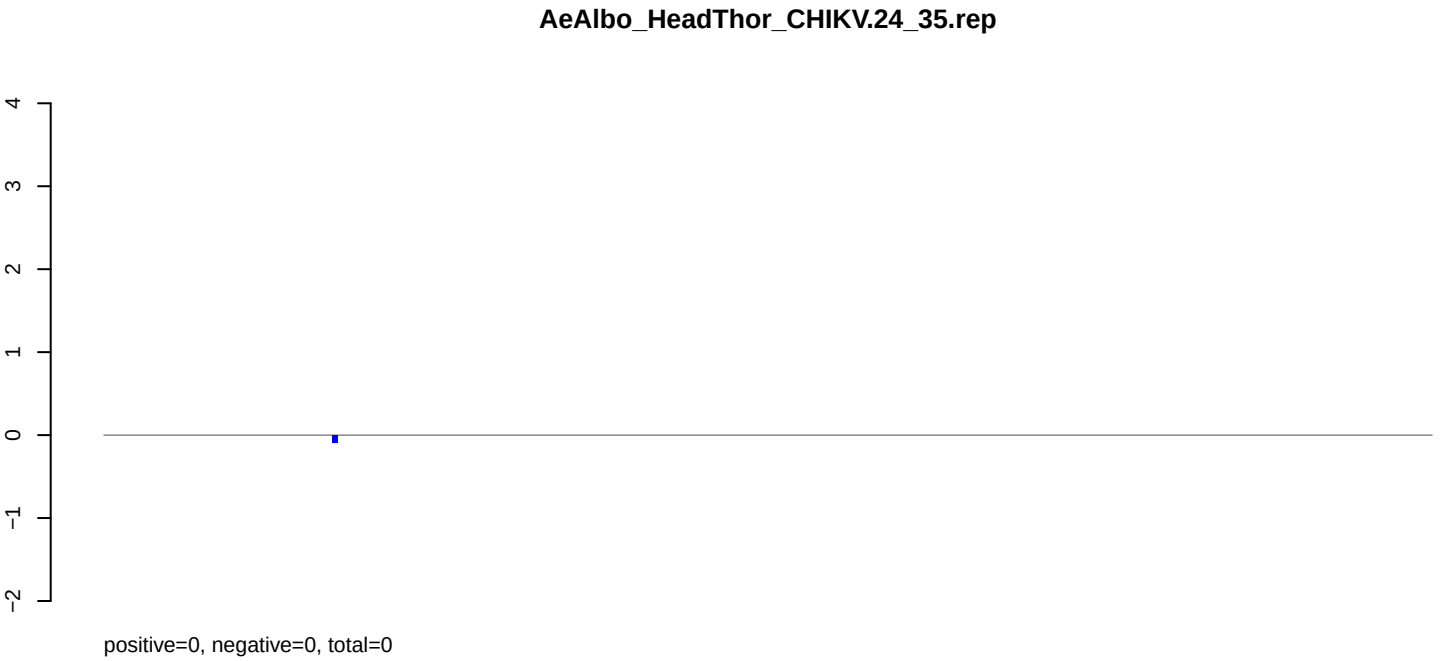
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=0, negative=0, total=0

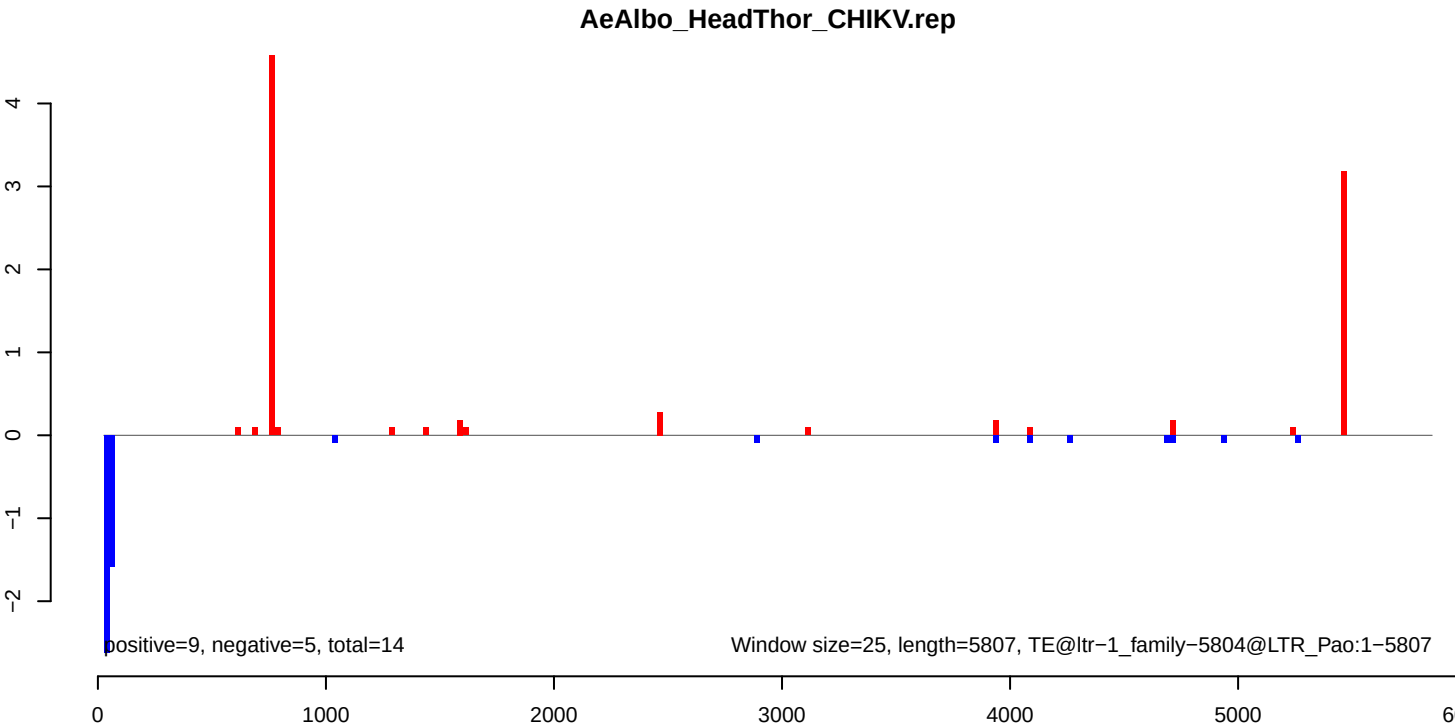

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=6, negative=3, total=9
Window size=25, length=3549, TE@ltr−1_family−6154@DNA_TcMar:1−3549
0
500
1000
1500
2000
2500
3000
3500

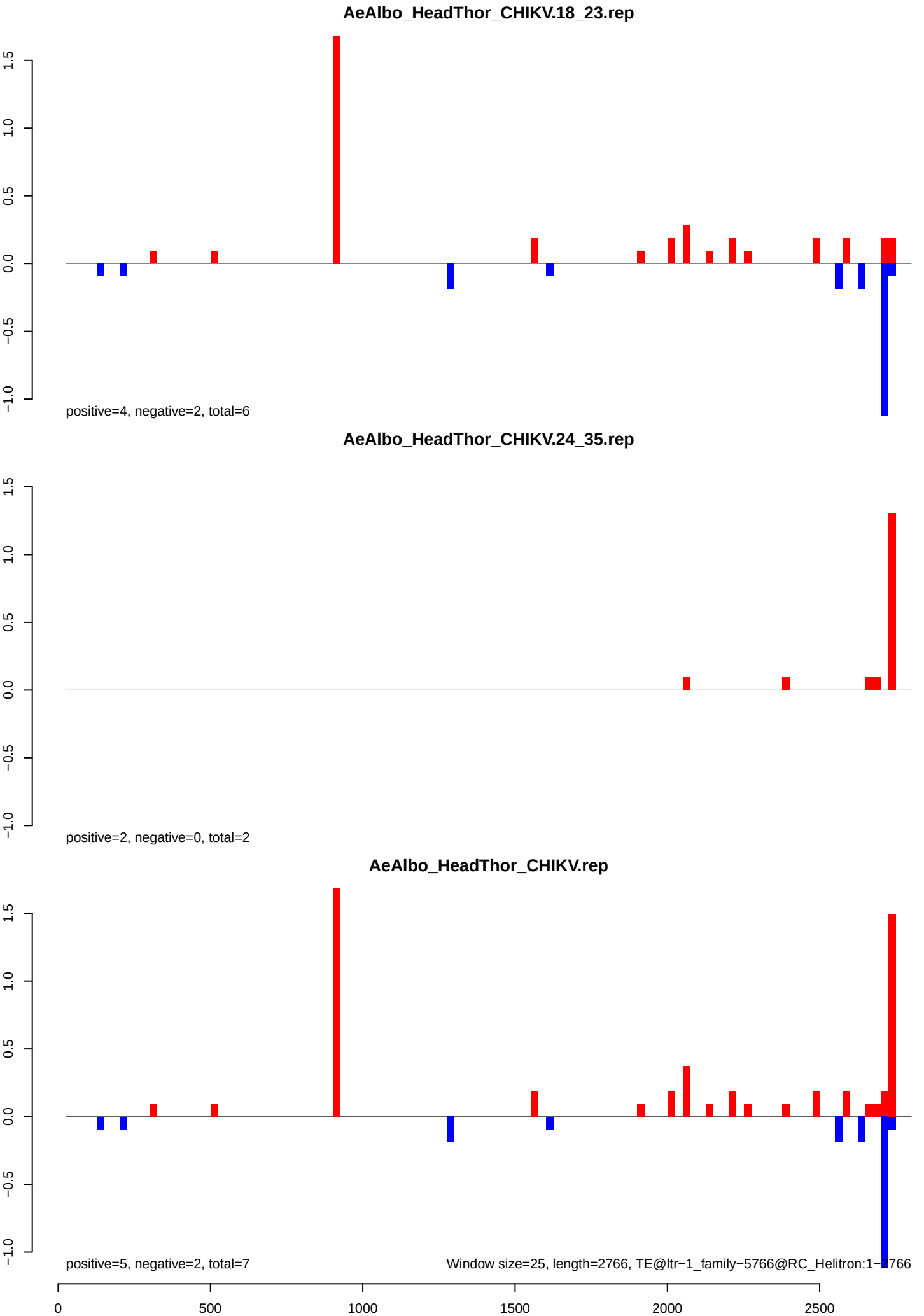

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=5, negative=1, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=5, negative=1, total=6
Window size=25, length=5415, TE@ltr−1_family−6130@LTR_Gypsy:1−5415
0
1000
2000
3000
4000
5000

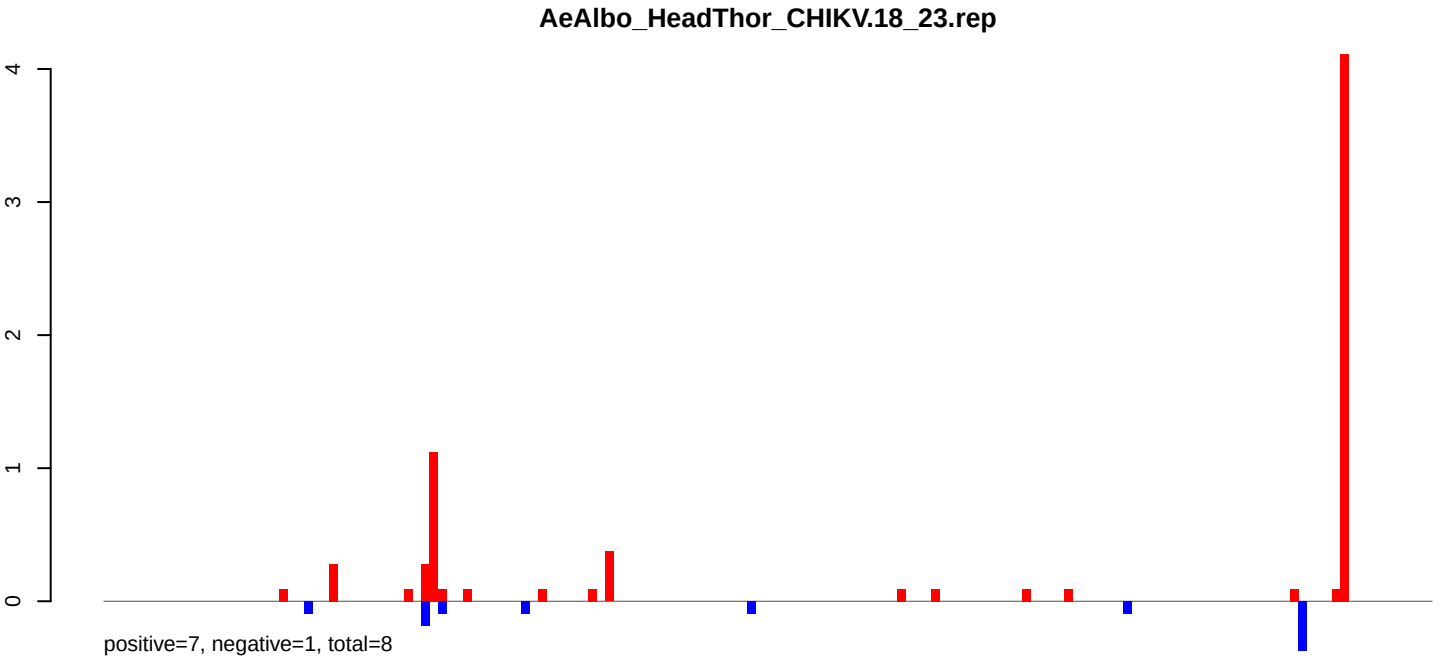

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=3917, TE@ltr−1_family−5815@DNA_CMC−Chapaev:1−3917
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
4
3
2
1
0
−1
−2
positive=9, negative=5, total=14

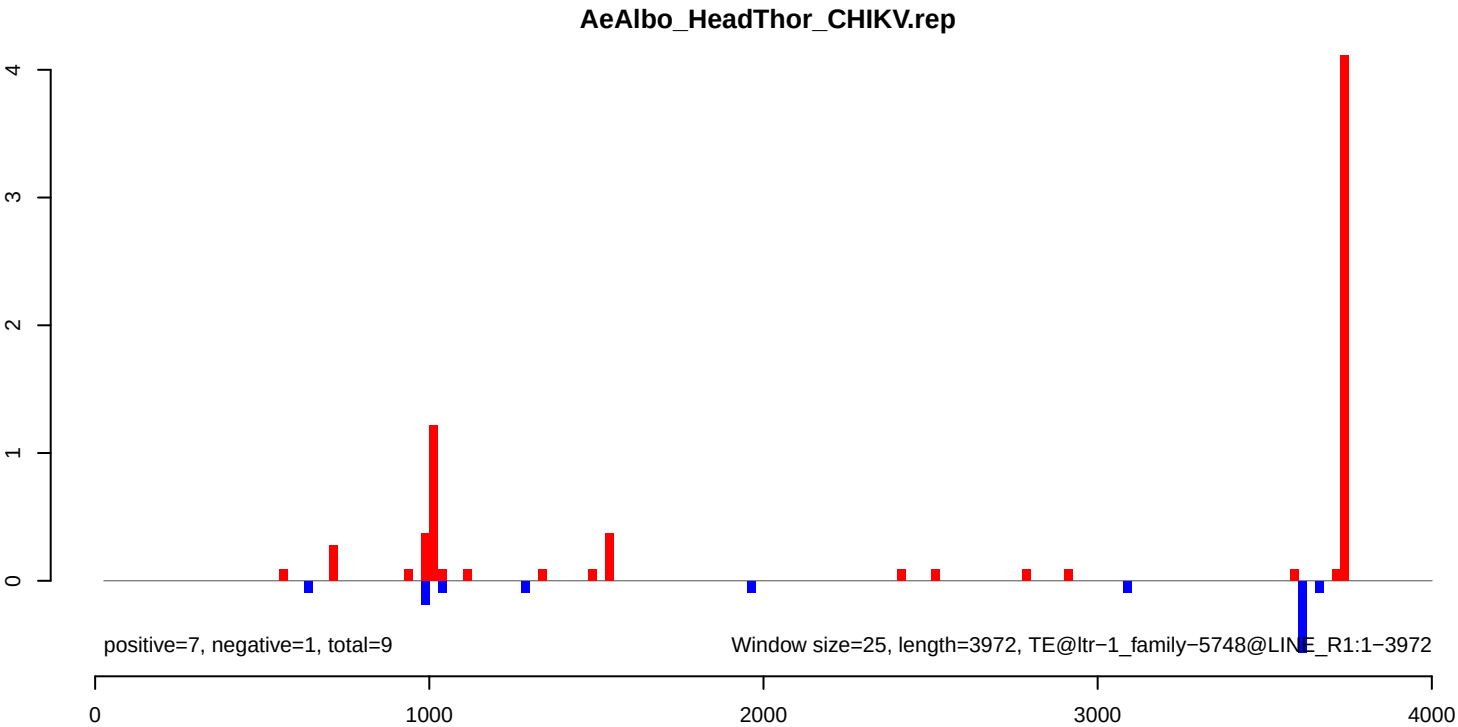

AeAlbo_HeadThor_CHIKV.24_35.rep
4
3
2
1
0
−1
−2
positive=0, negative=0, total=0

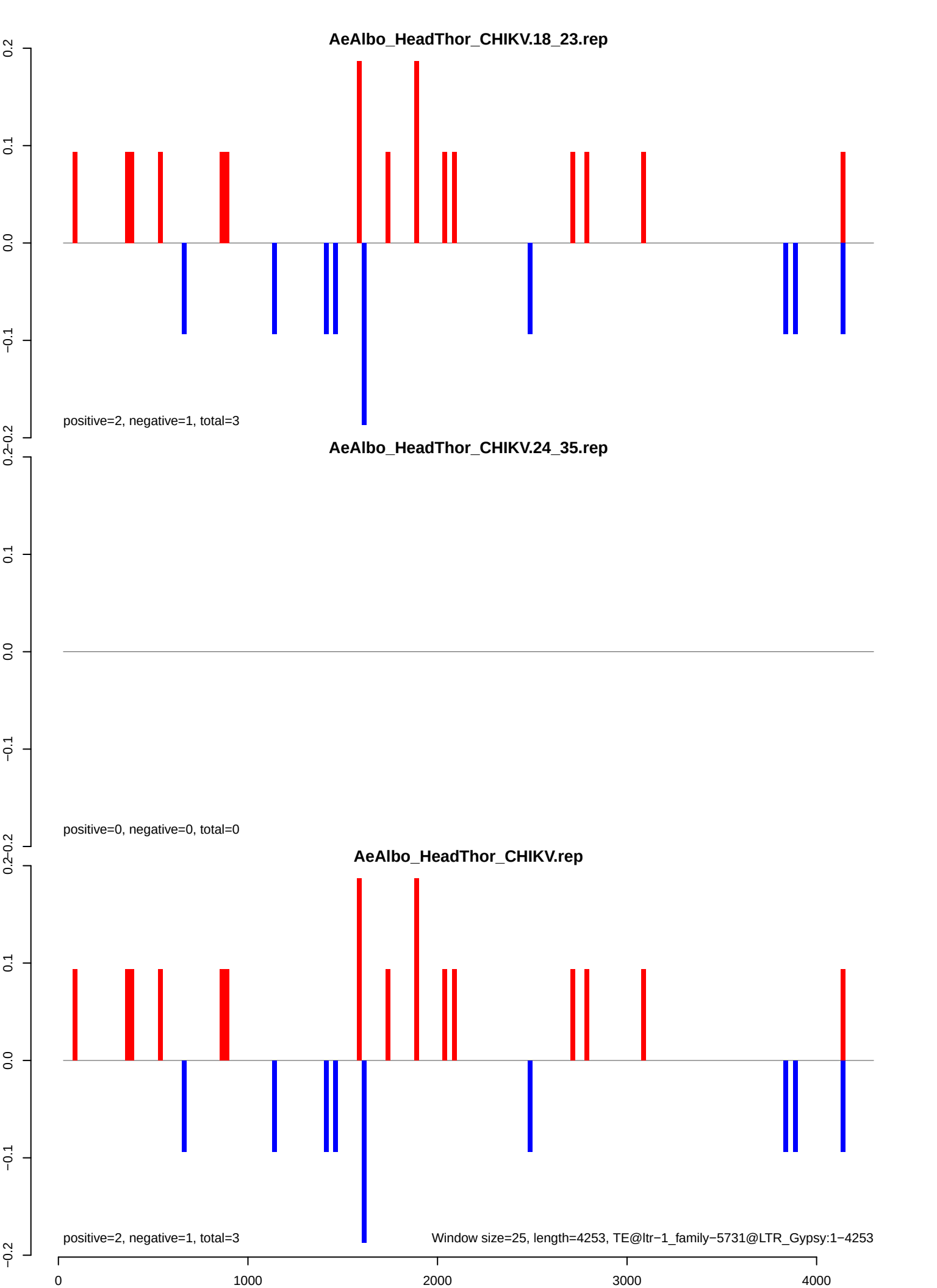

AeAlbo_HeadThor_CHIKV.rep
4
3
2
1
0
−1
−2
positive=9, negative=5, total=14
Window size=25, length=5807, TE@ltr−1_family−5804@LTR_Pao:1−5807
0
1000
2000
3000
4000
5000
6000

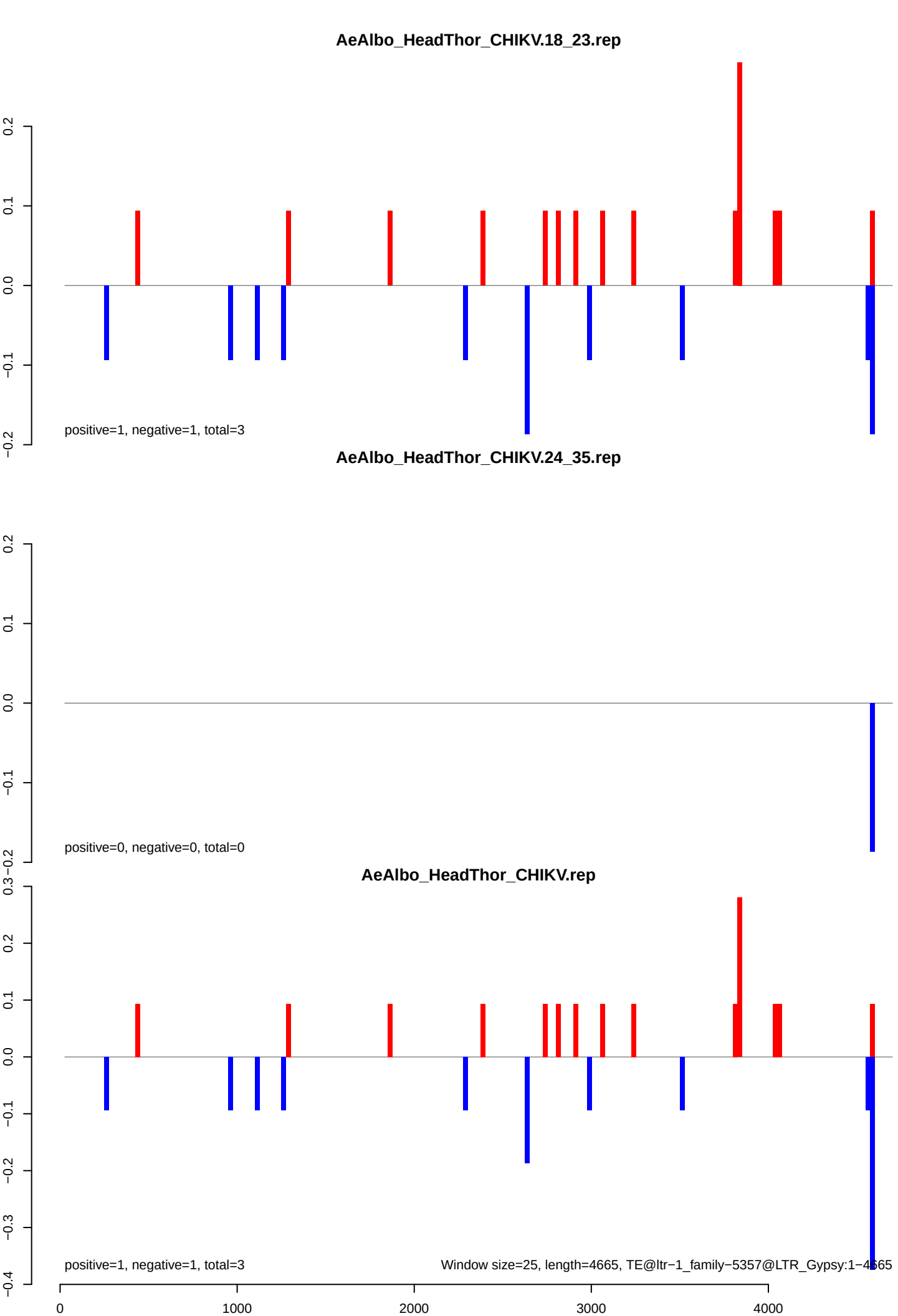

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=5, negative=2, total=7
Window size=25, length=2766, TE@ltr−1_family−5766@RC_Helitron:1−2766
0
500
1000
1500
2000
2500

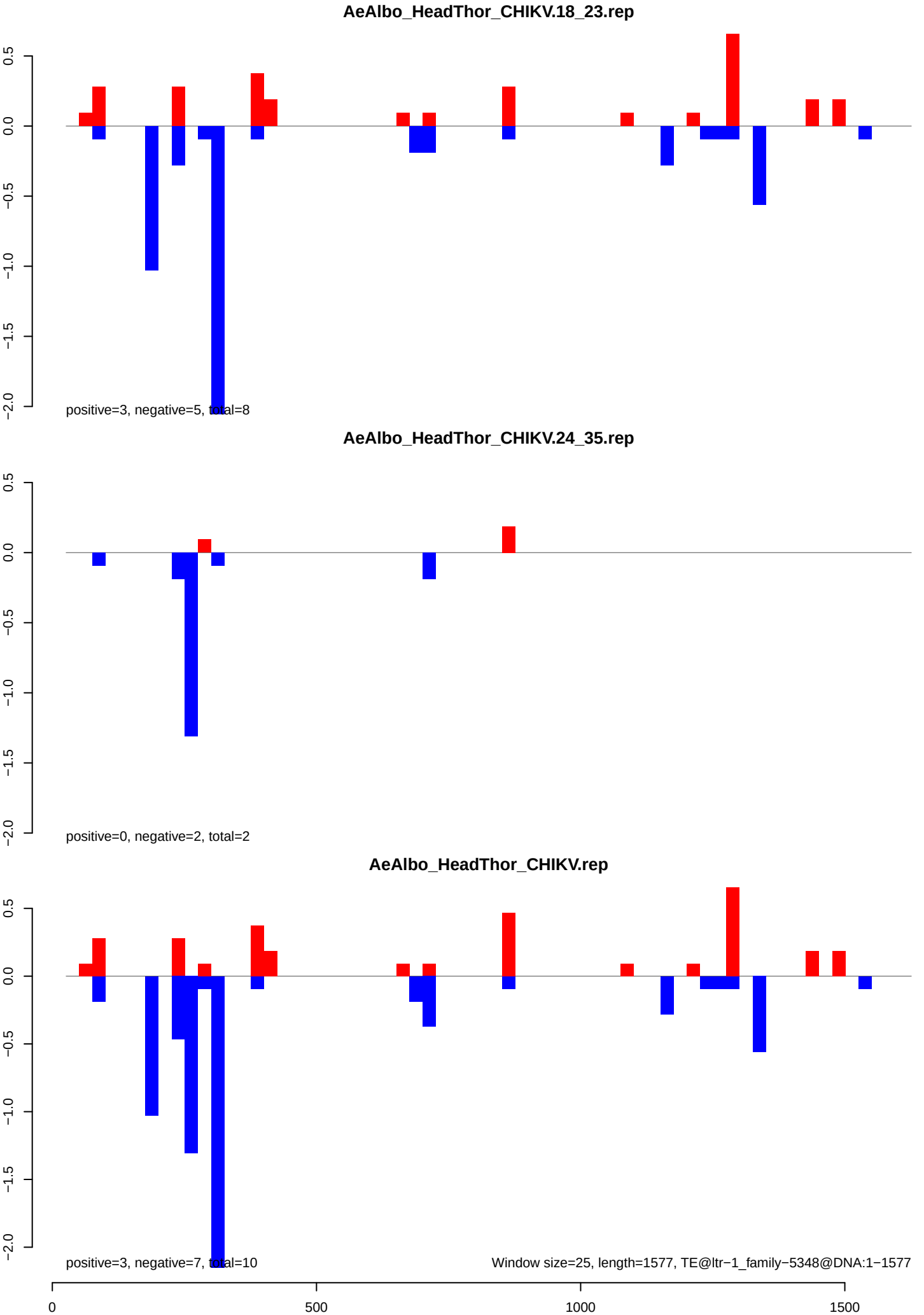

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=7, negative=1, total=8

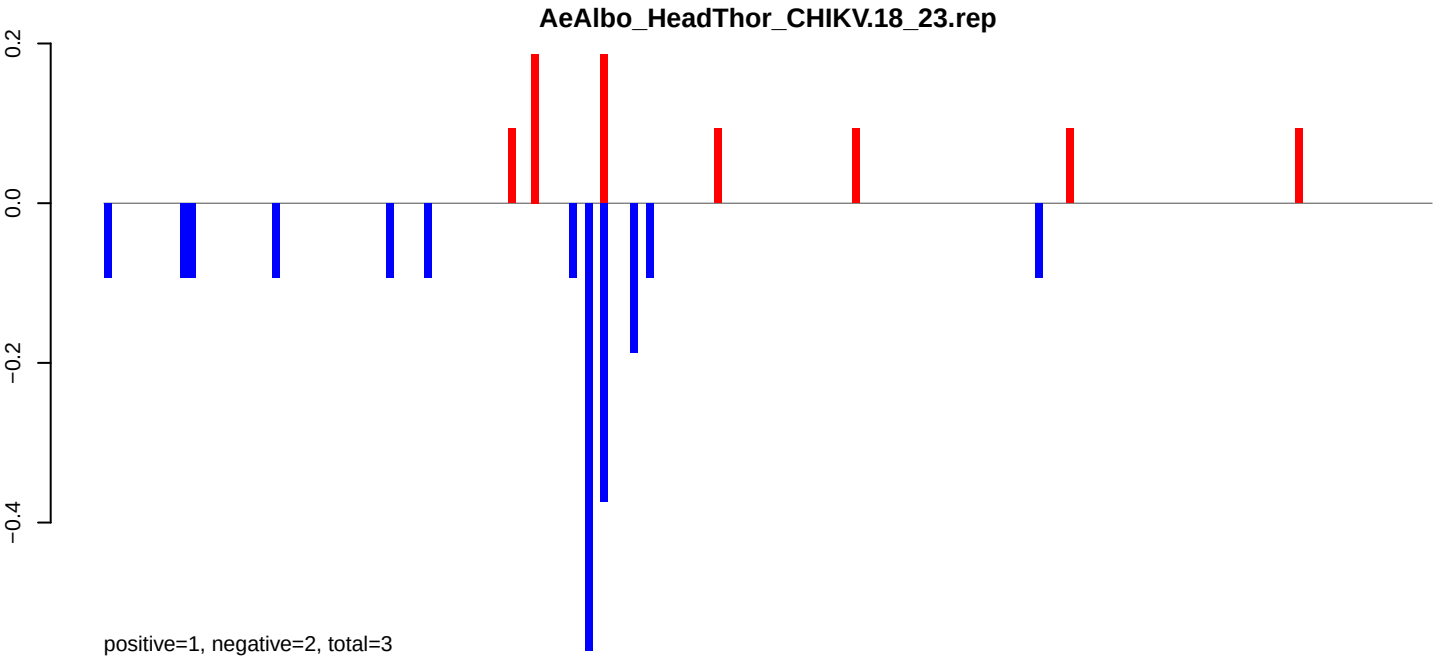
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0

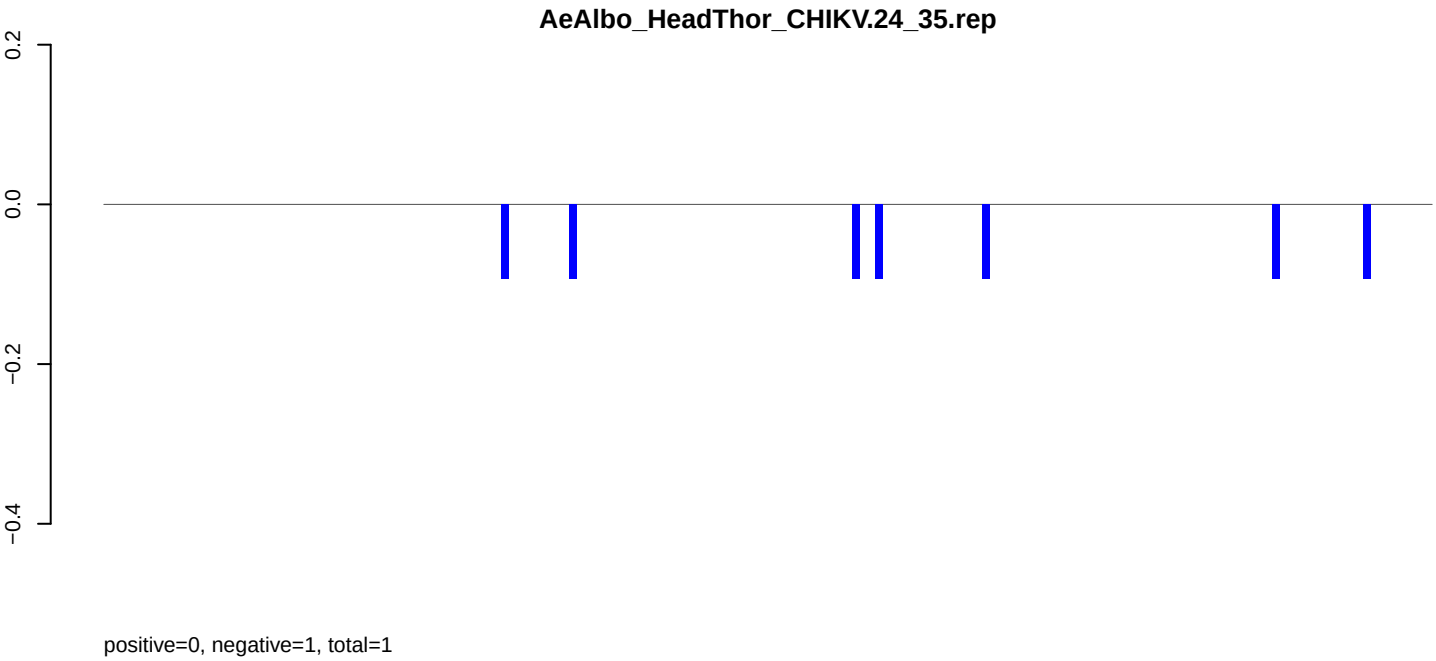

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=7, negative=1, total=9
Window size=25, length=3972, TE@ltr−1_family−5748@LINE_R1:1−3972
0
1000
2000
3000
4000

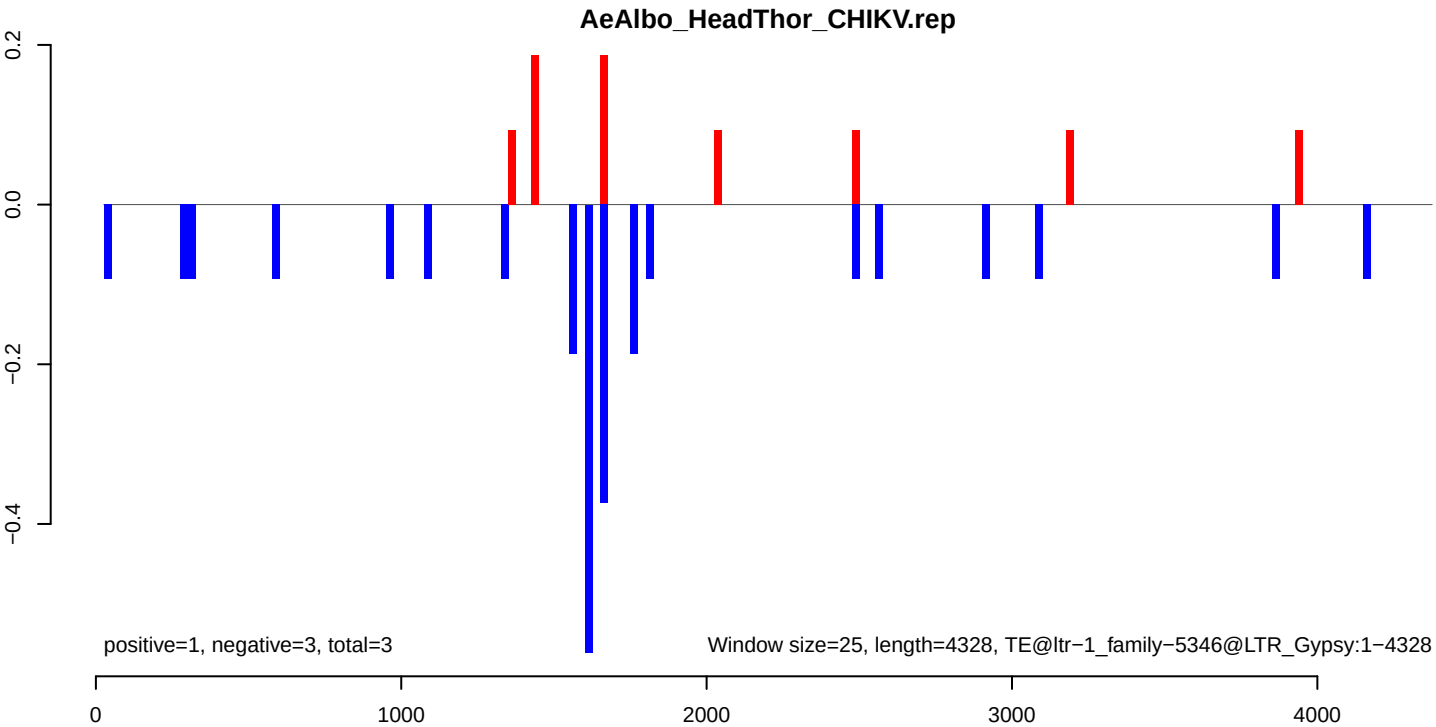

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=4253, TE@ltr−1_family−5731@LTR_Gypsy:1−4253
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000

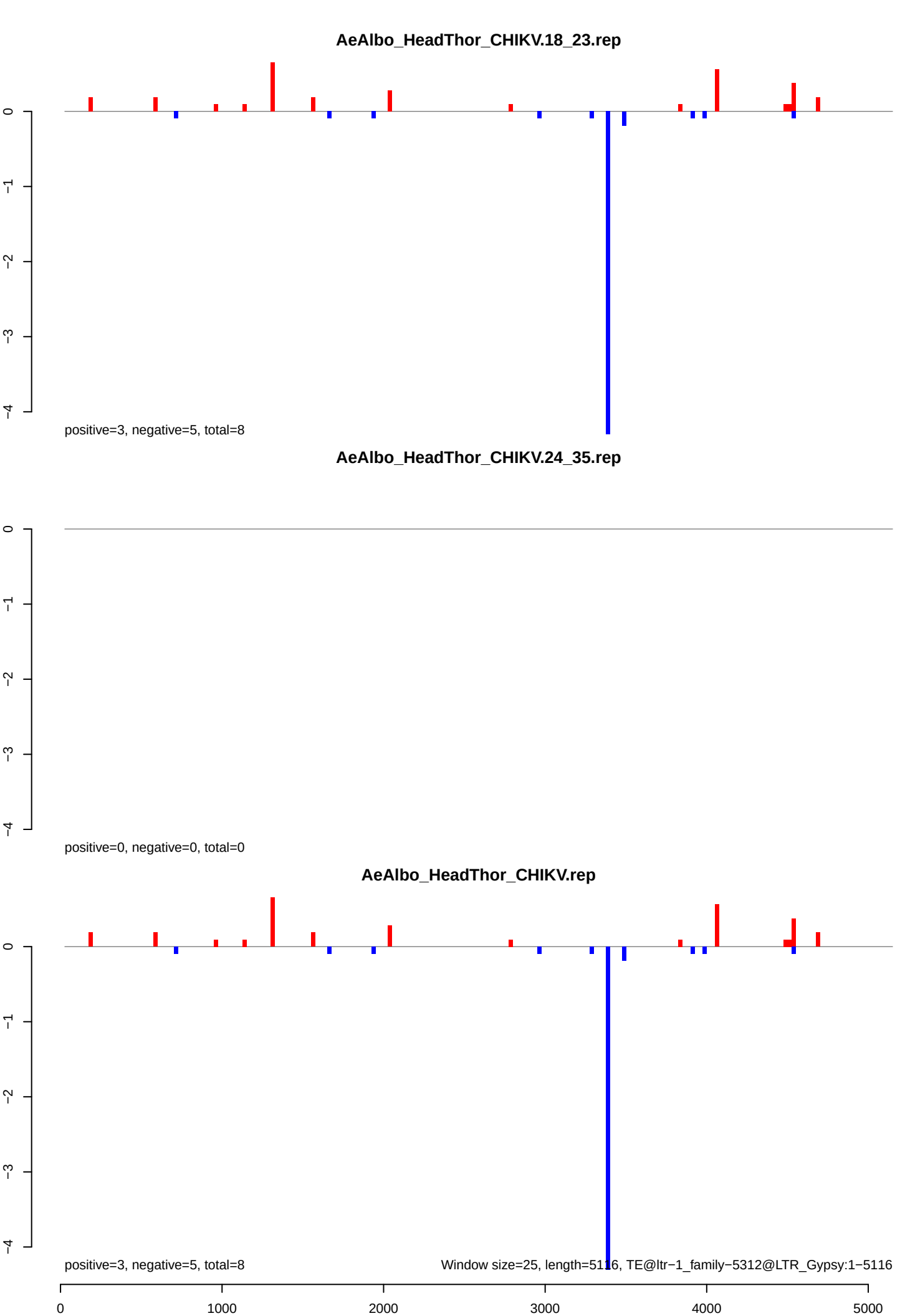

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=3
Window size=25, length=4665, TE@ltr−1_family−5357@LTR_Gypsy:1−4665
0
1000
2000
3000
4000

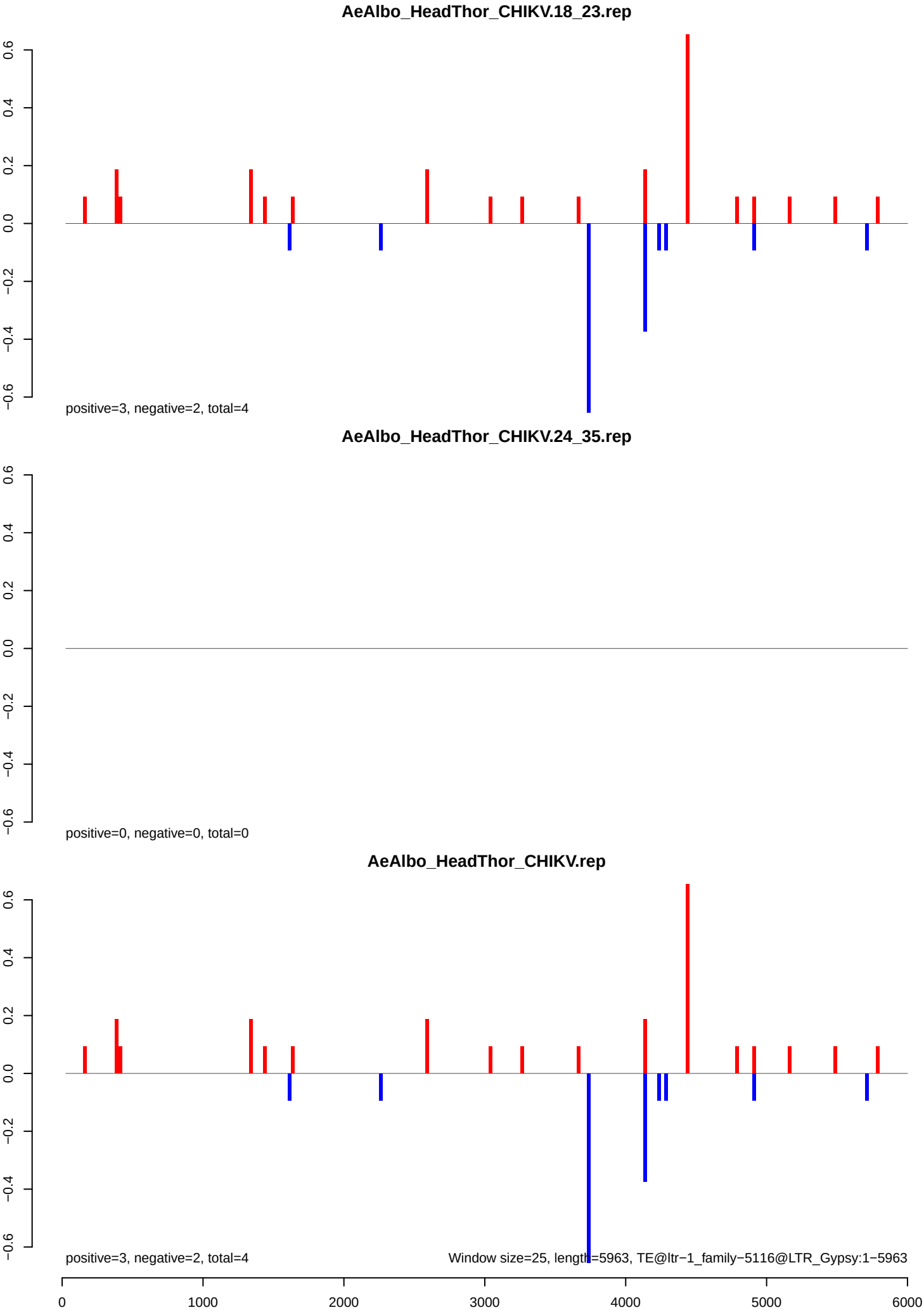

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=7, total=10
Window size=25, length=1577, TE@ltr−1_family−5348@DNA:1−1577
0
500
1000
1500

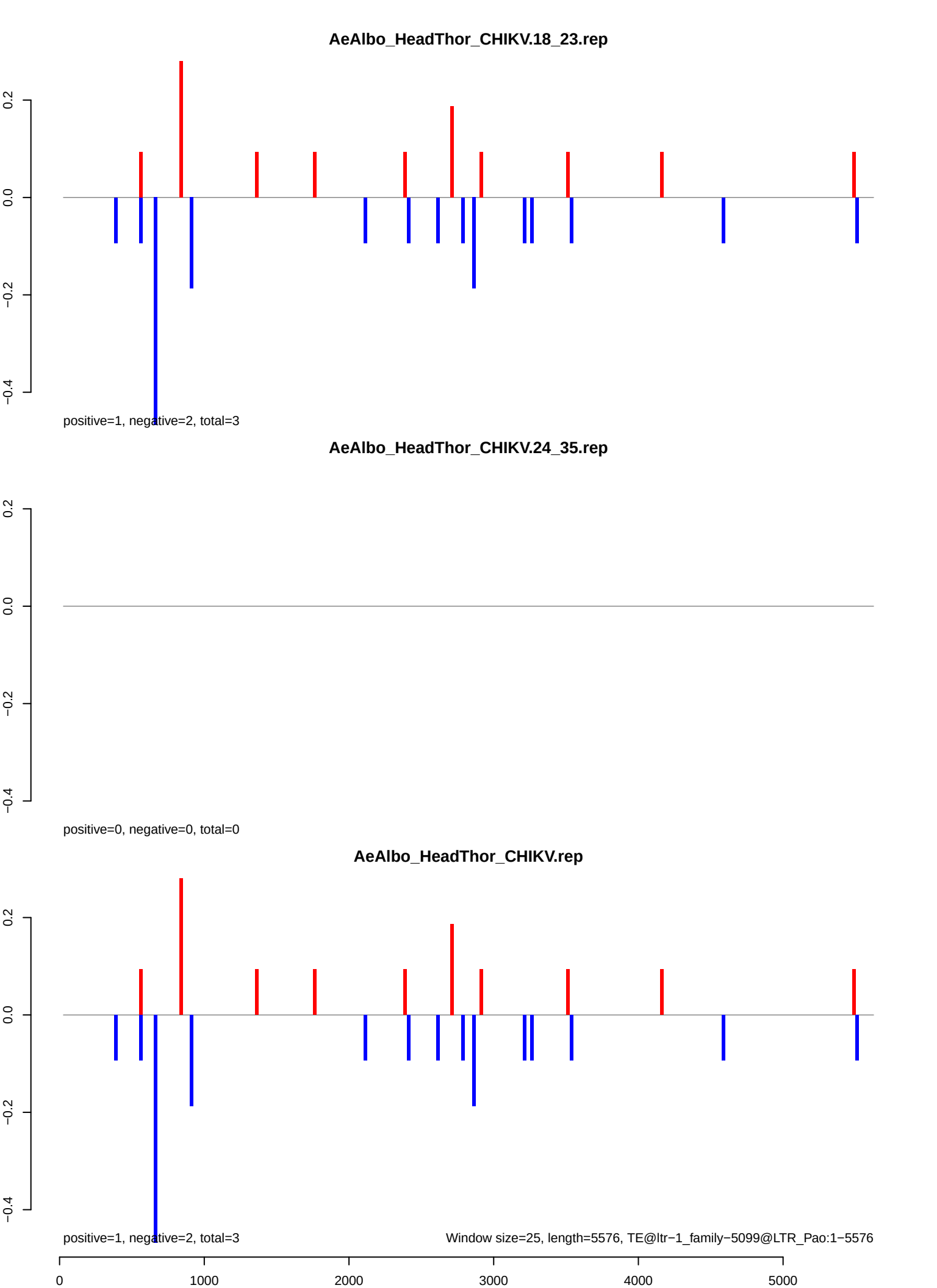

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=3

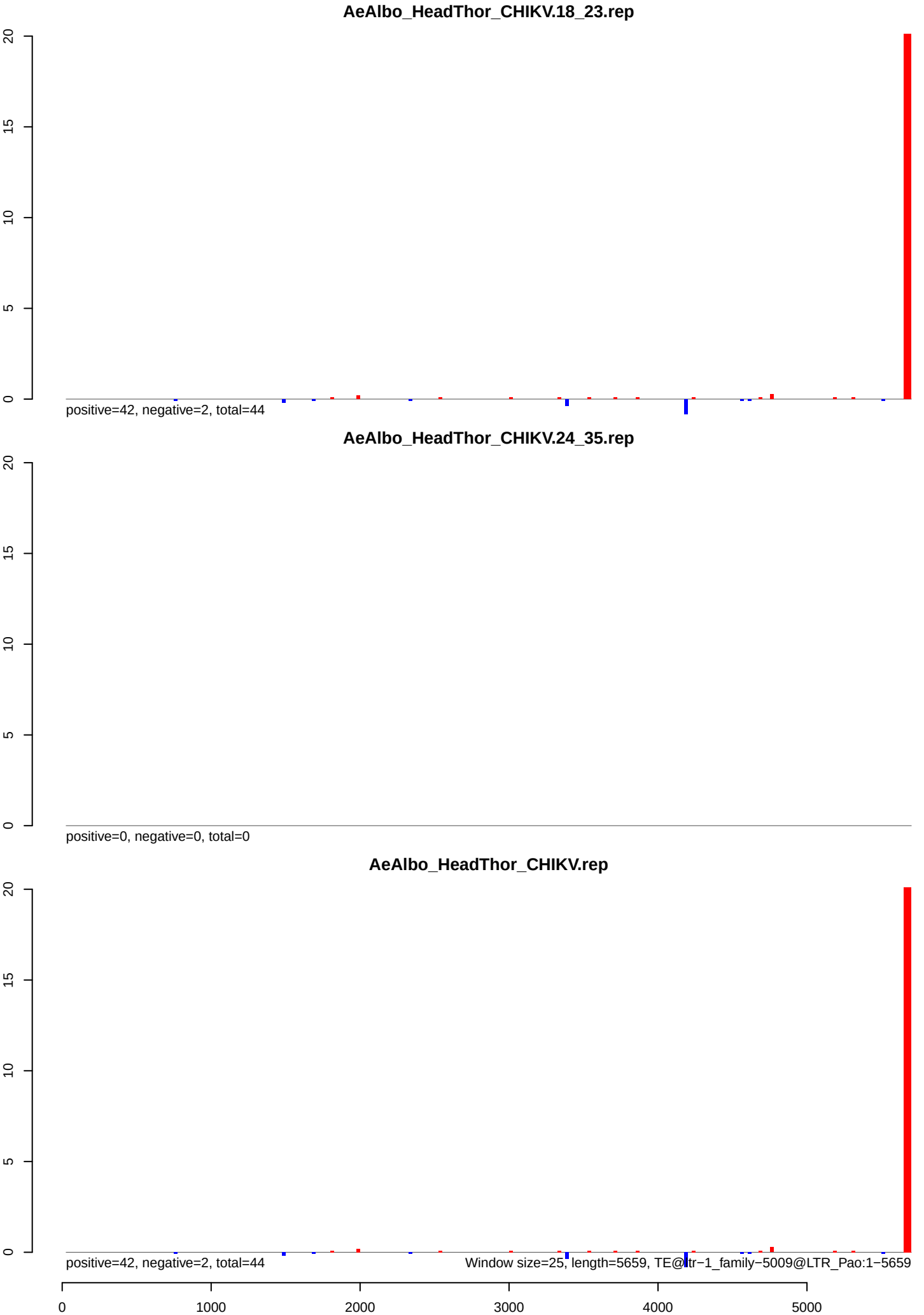

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1

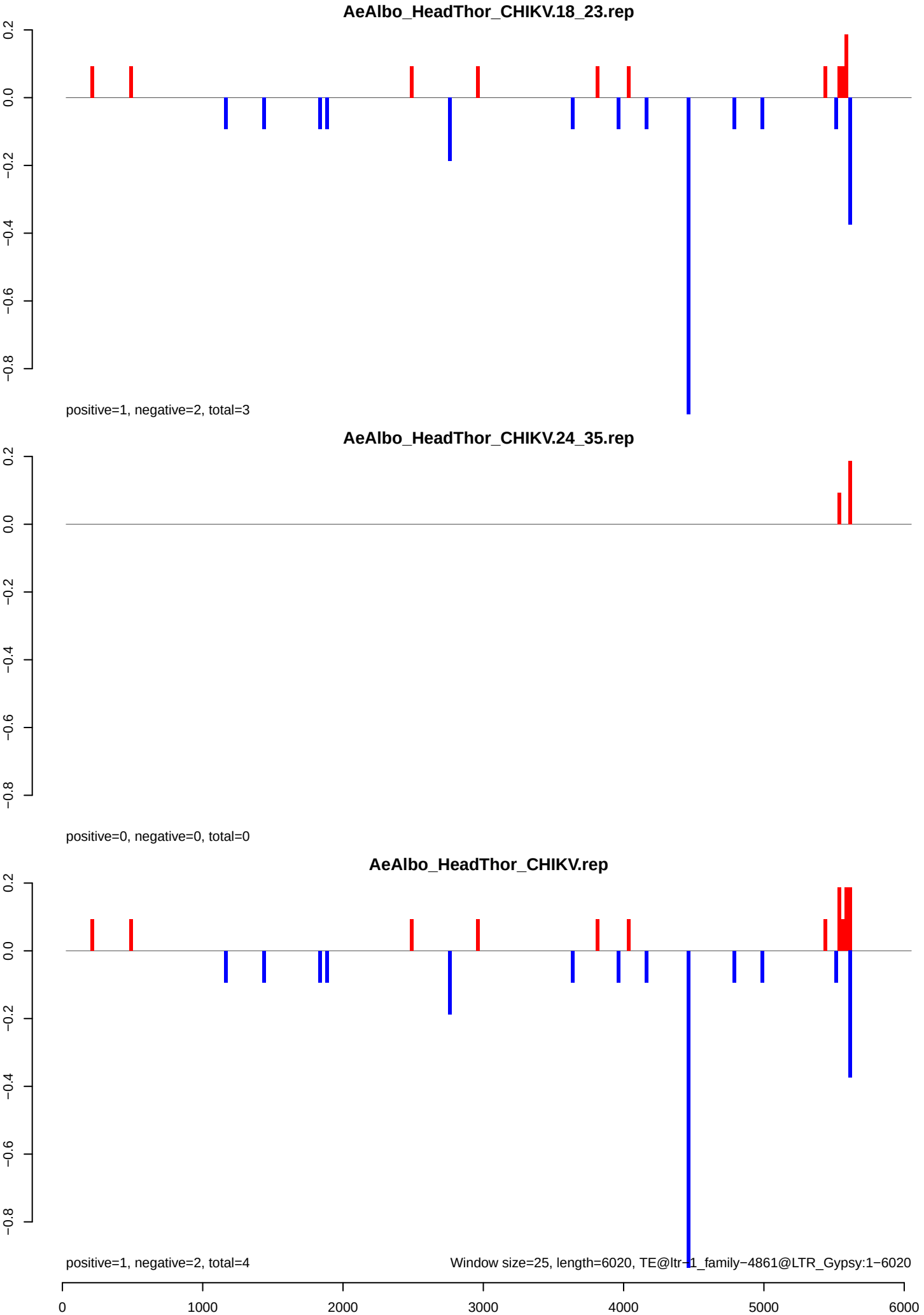

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=3, total=3
Window size=25, length=4328, TE@ltr−1_family−5346@LTR_Gypsy:1−4328
0
1000
2000
3000
4000

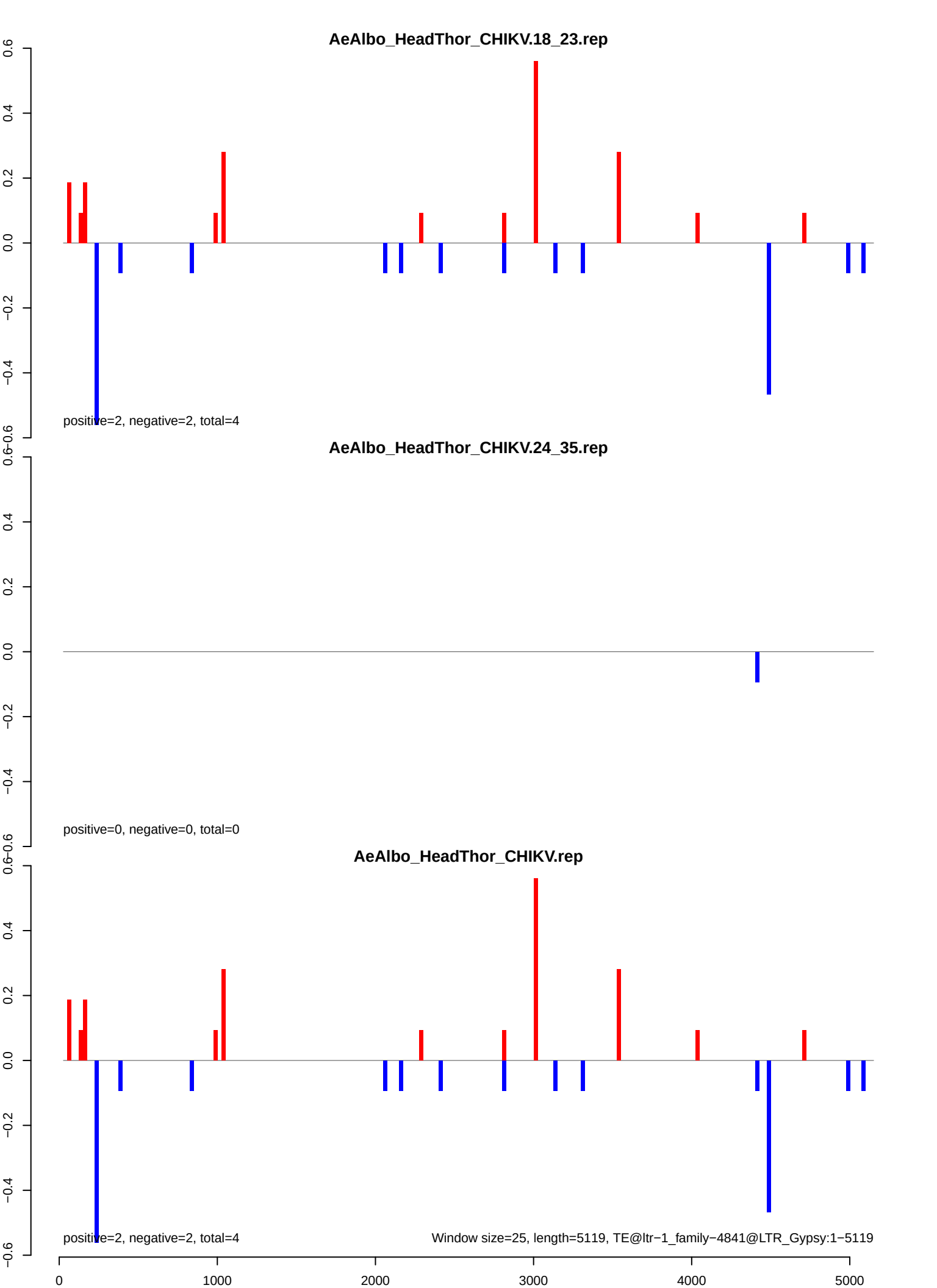

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=3, negative=5, total=8
Window size=25, length=5116, TE@ltr−1_family−5312@LTR_Gypsy:1−5116
0
1000
2000
3000
4000
5000

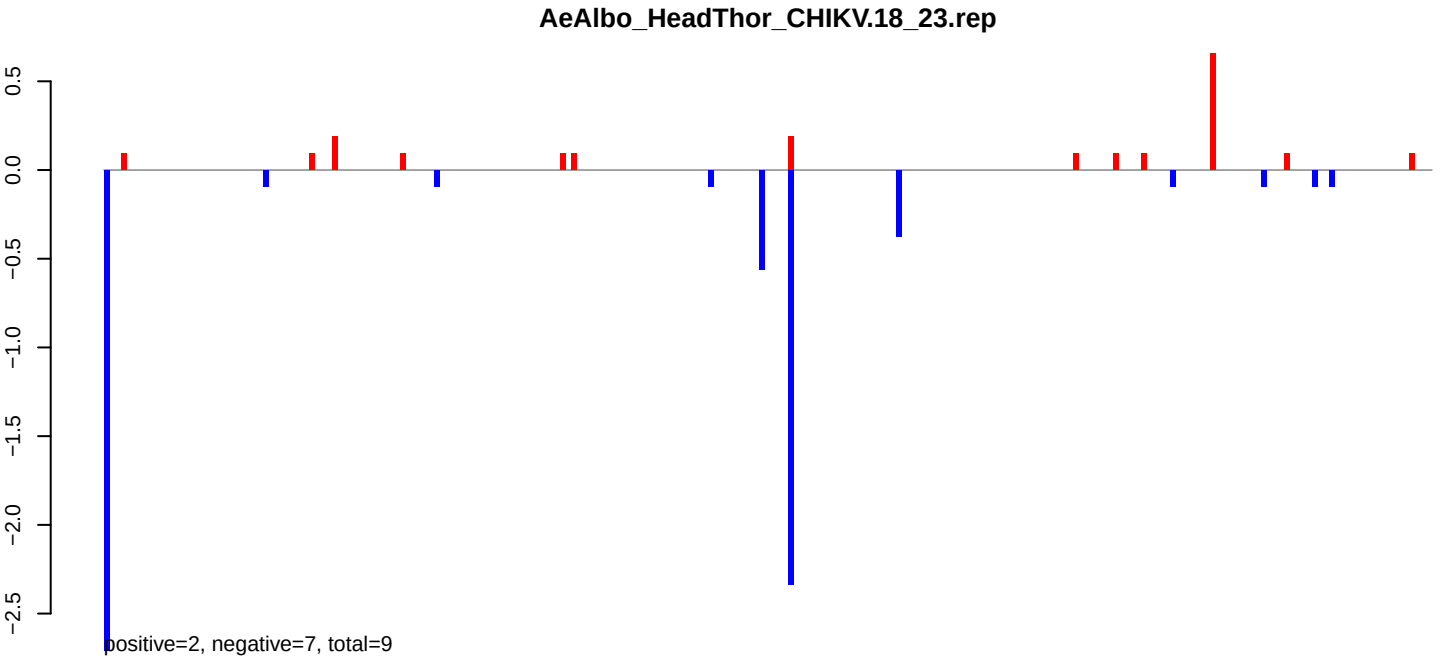

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=3, negative=2, total=4
Window size=25, length=5963, TE@ltr−1_family−5116@LTR_Gypsy:1−5963
0
1000
2000
3000
4000
5000
6000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=3
Window size=25, length=5576, TE@ltr−1_family−5099@LTR_Pao:1−5576
0
1000
2000
3000
4000
5000

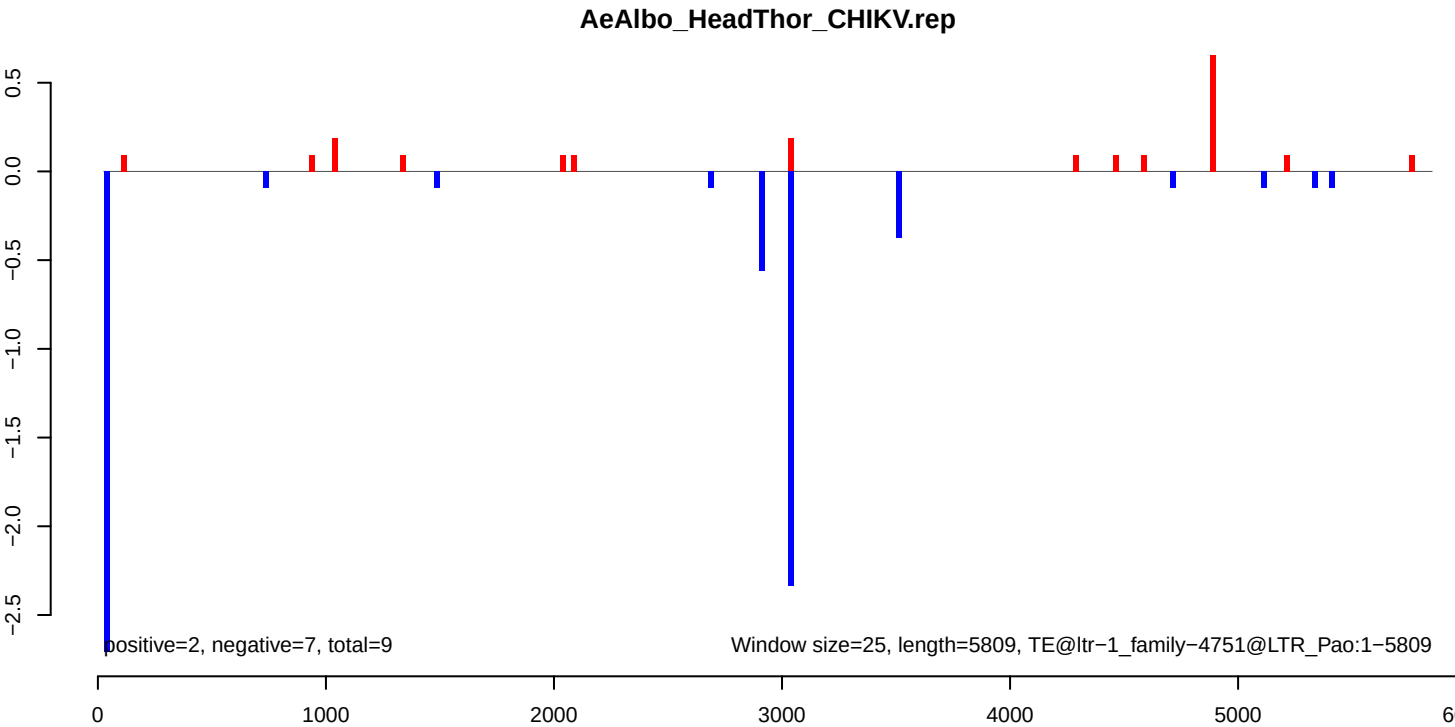

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=42, negative=2, total=44
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=42, negative=2, total=44
Window size=25, length=5659, TE@ltr−1_family−5009@LTR_Pao:1−5659
0
1000
2000
3000
4000
5000

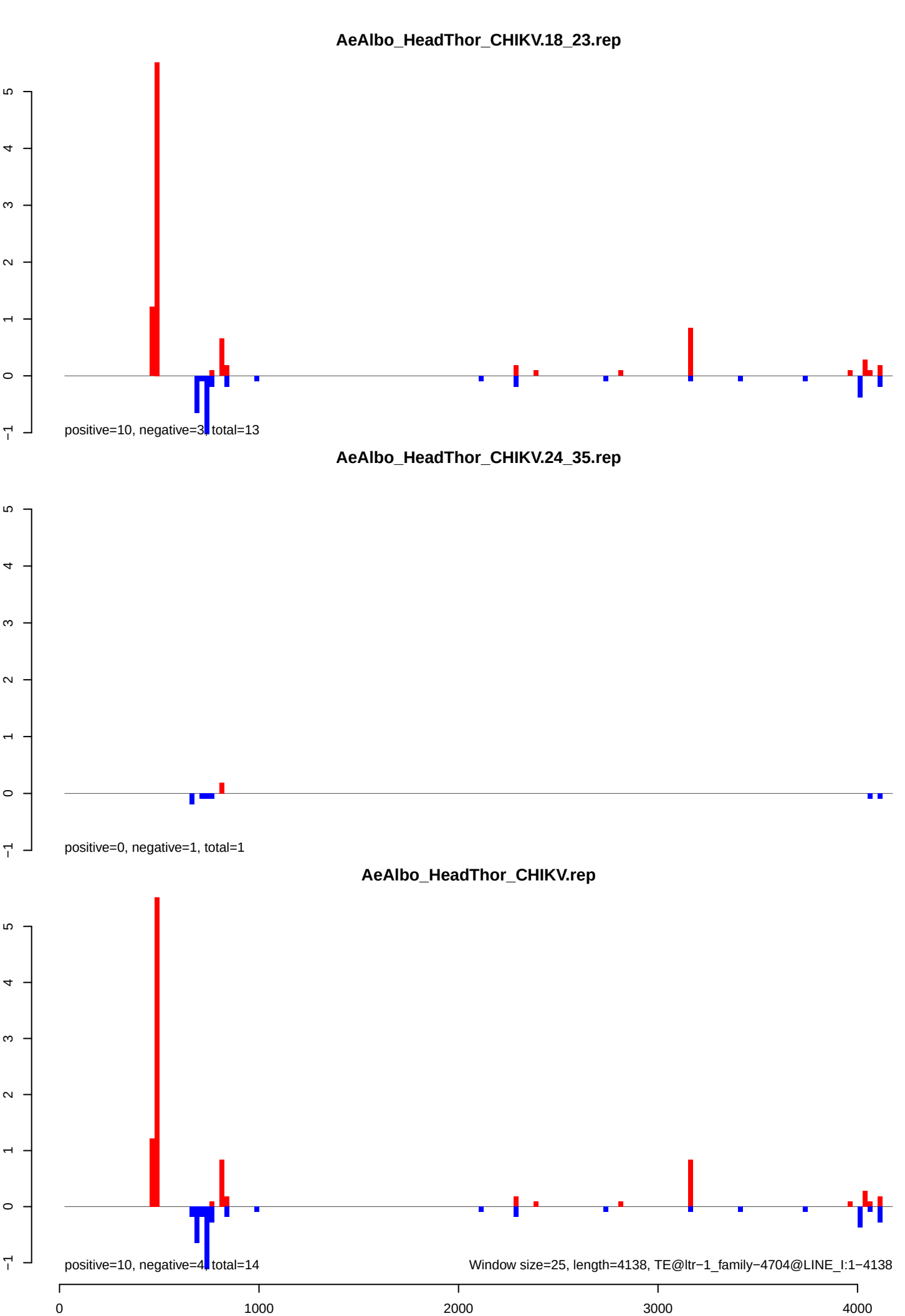

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=4
Window size=25, length=6020, TE@ltr−1_family−4861@LTR_Gypsy:1−6020
0
1000
2000
3000
4000
5000
6000

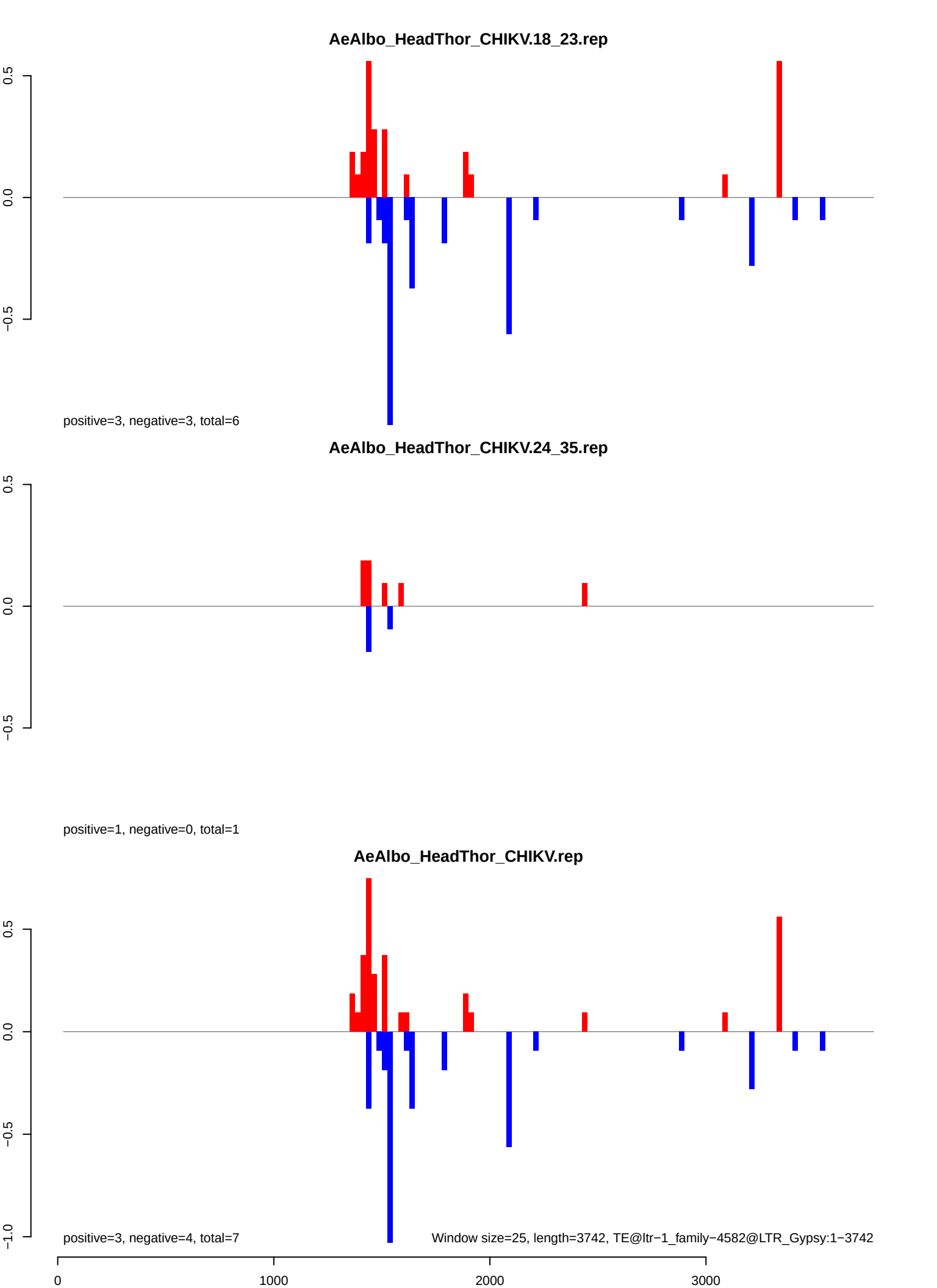

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=5119, TE@ltr−1_family−4841@LTR_Gypsy:1−5119
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000
5000

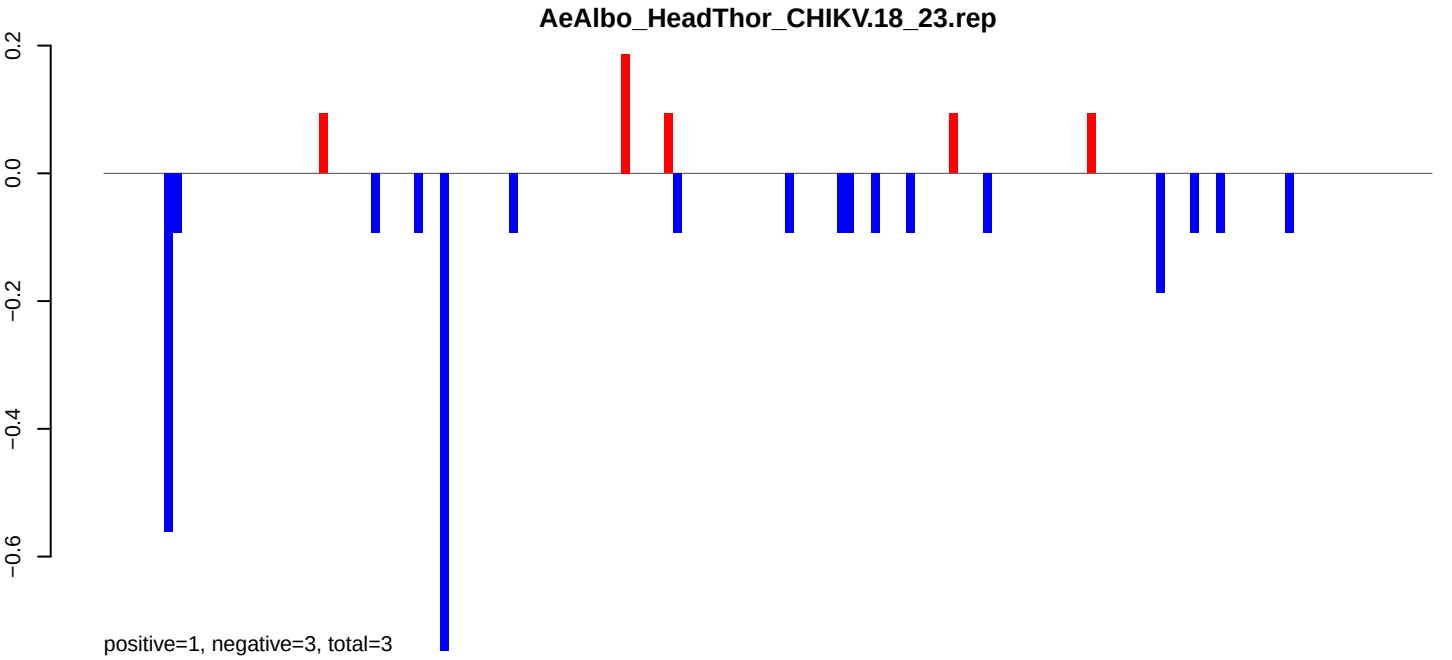

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=7, total=9

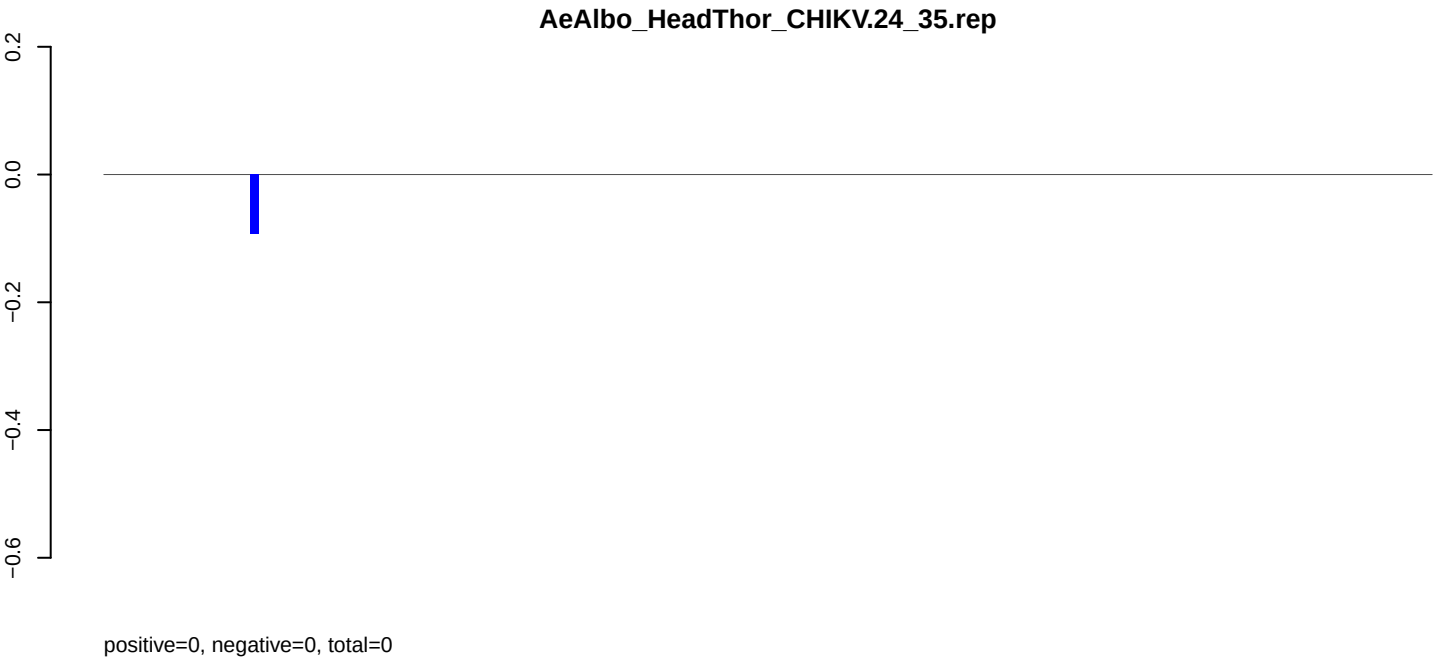
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=0, total=0

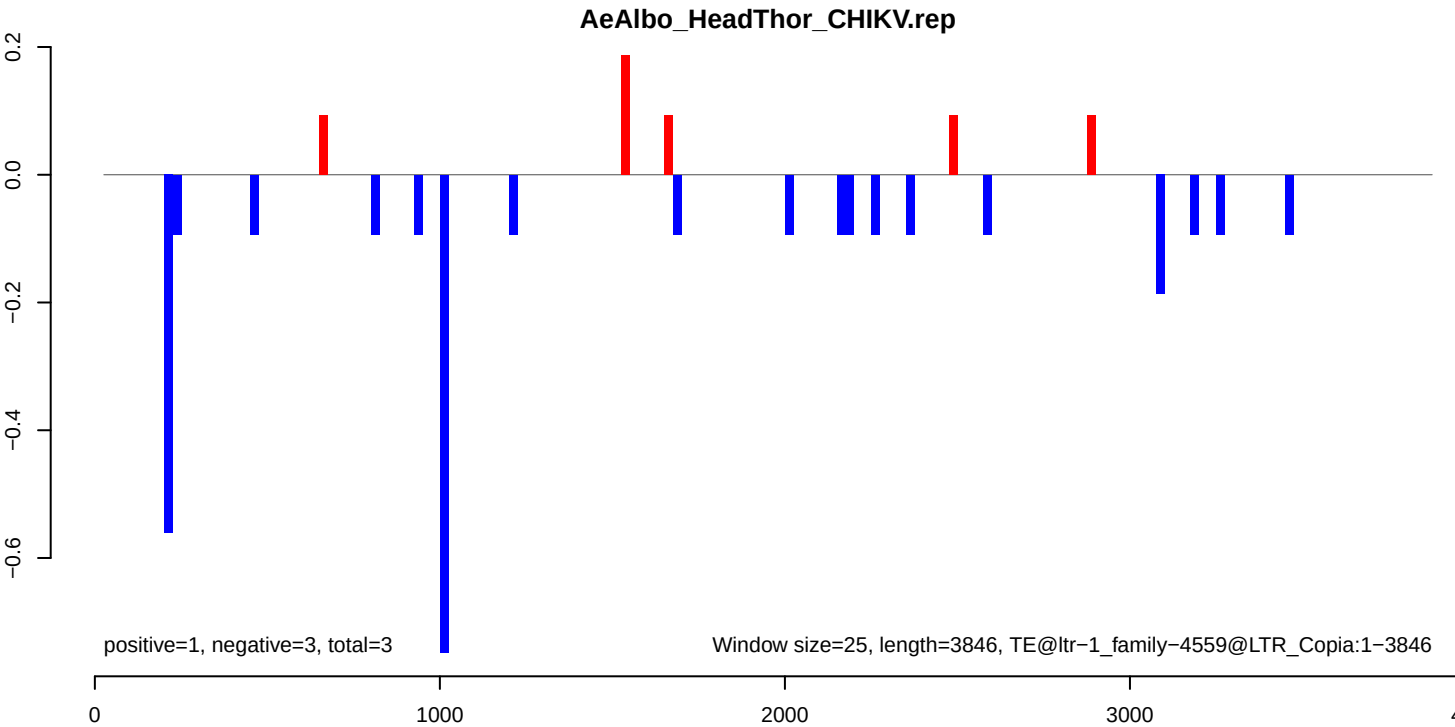

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=7, total=9
Window size=25, length=5809, TE@ltr−1_family−4751@LTR_Pao:1−5809
0
1000
2000
3000
4000
5000
6000

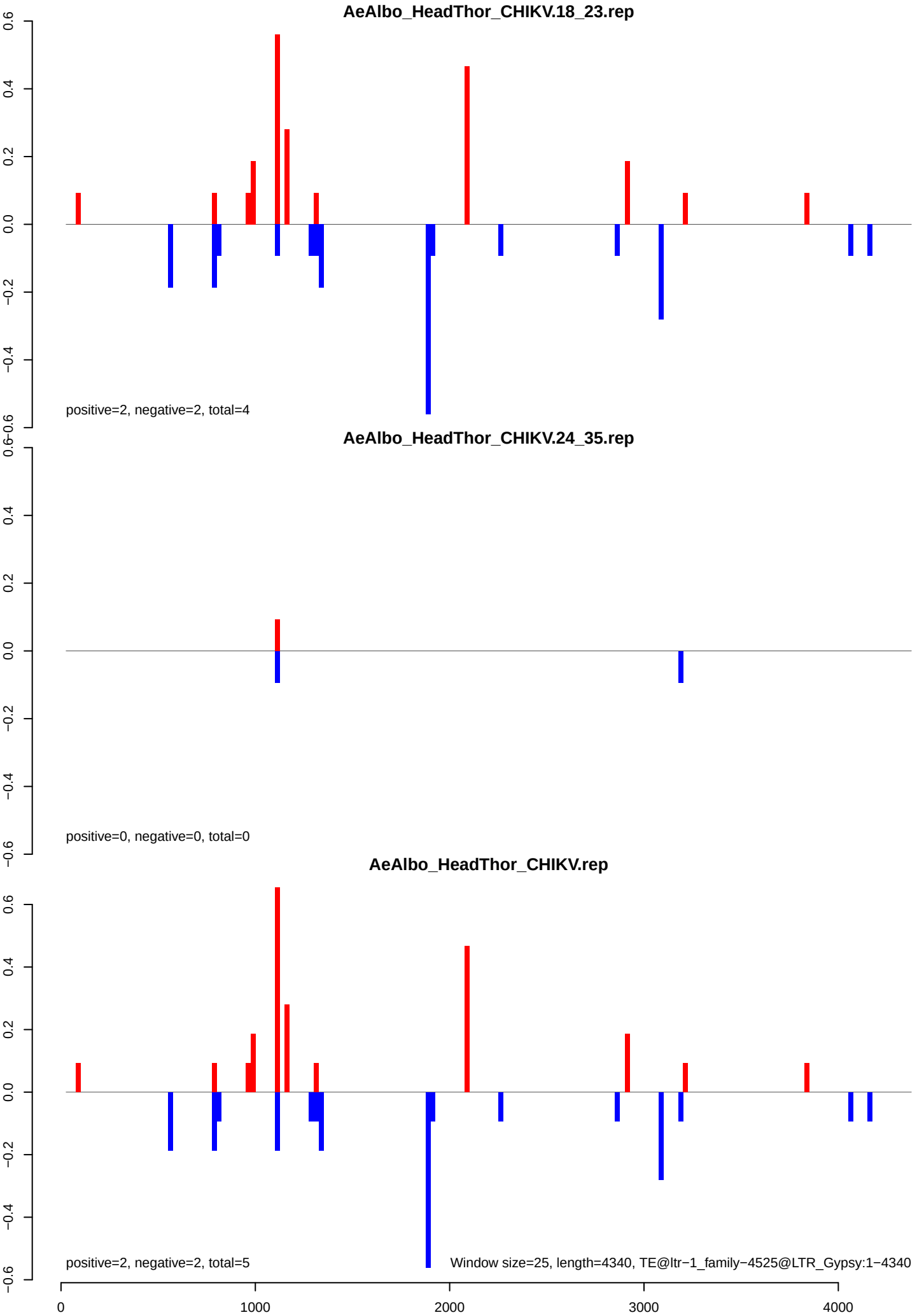

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=3, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=4, total=14
Window size=25, length=4138, TE@ltr−1_family−4704@LINE_I:1−4138
0
1000
2000
3000
4000

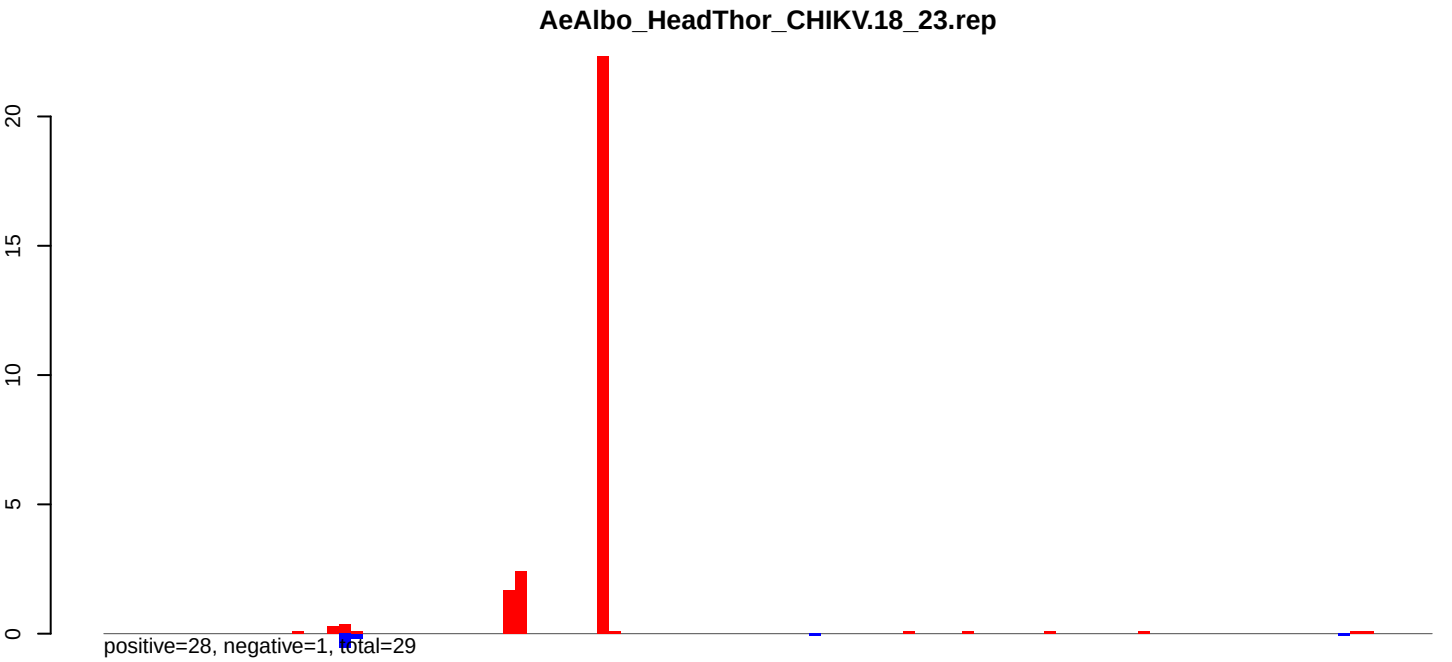

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
Window size=25, length=3742, TE@ltr−1_family−4582@LTR_Gypsy:1−3742
0
1000
2000
3000

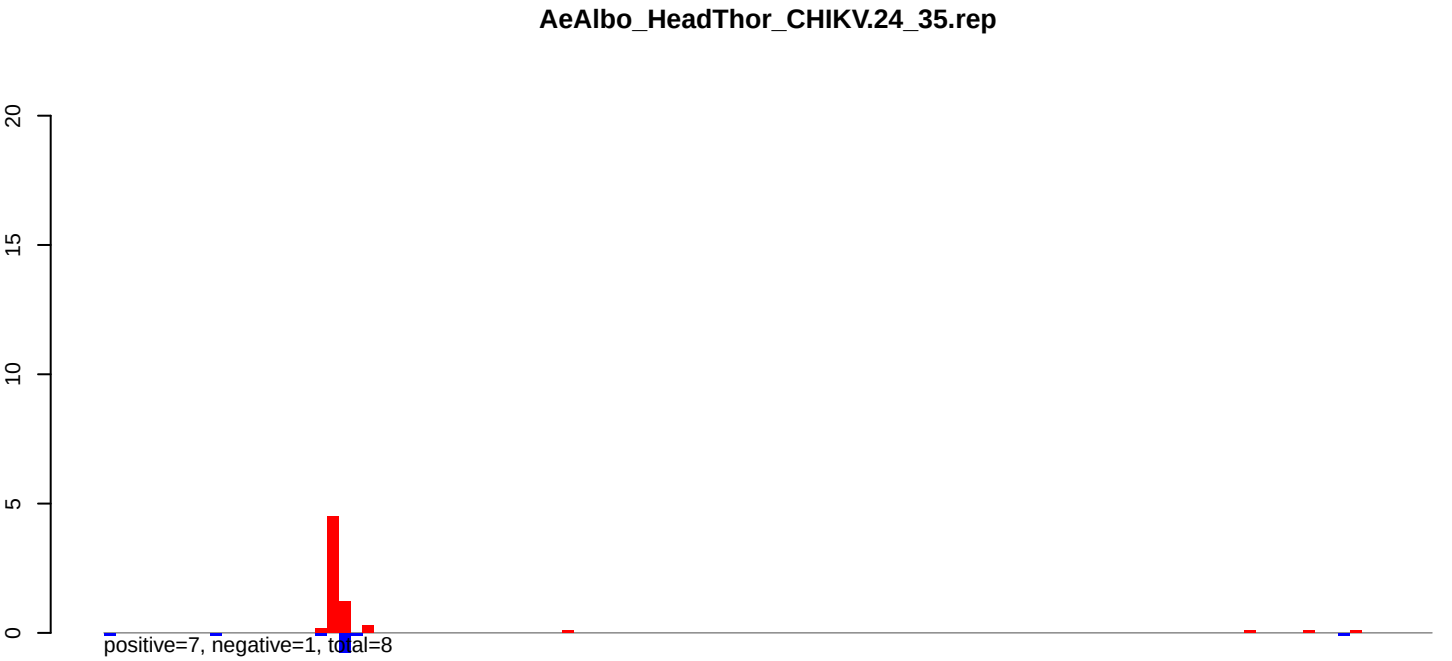

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=3, total=3

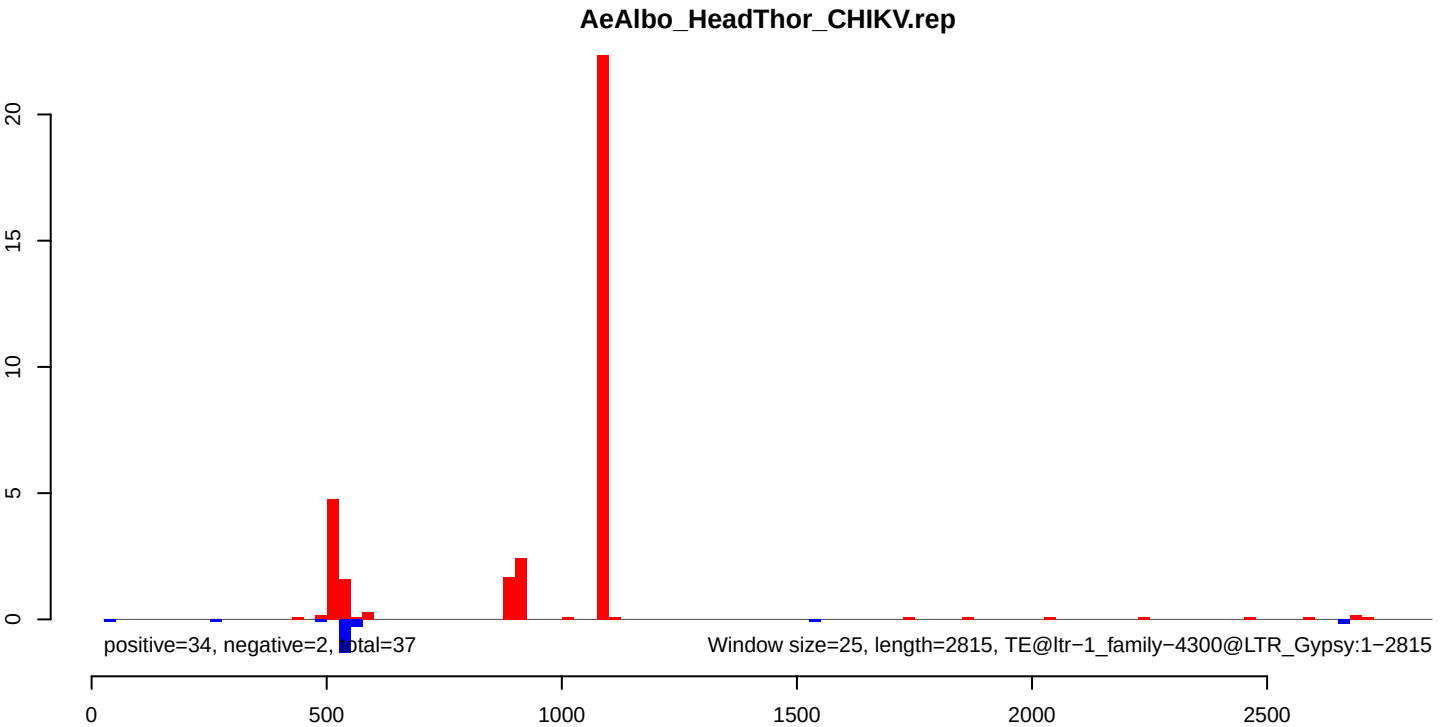

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

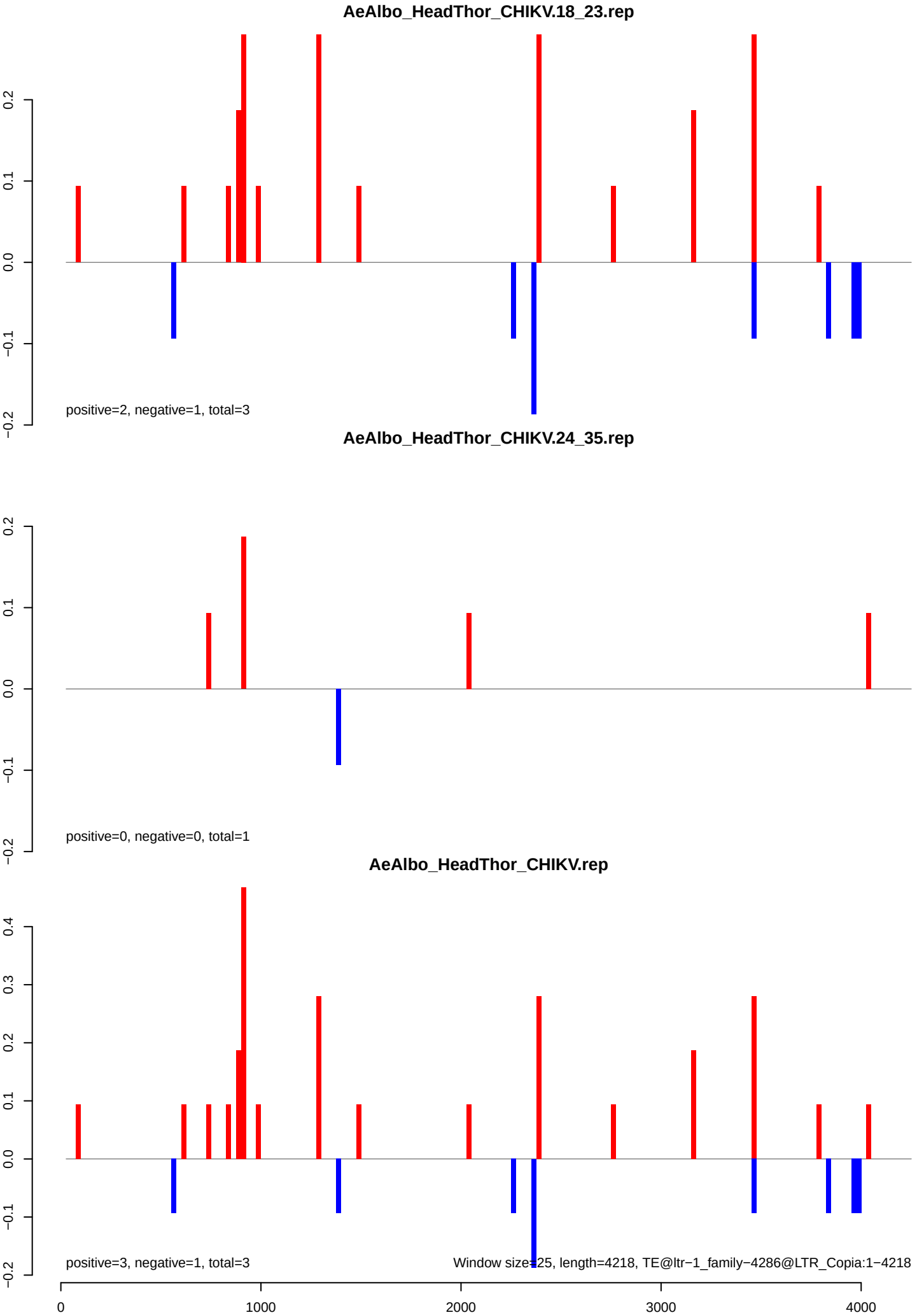

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=3, total=3
Window size=25, length=3846, TE@ltr−1_family−4559@LTR_Copia:1−3846
0
1000
2000
3000
4000

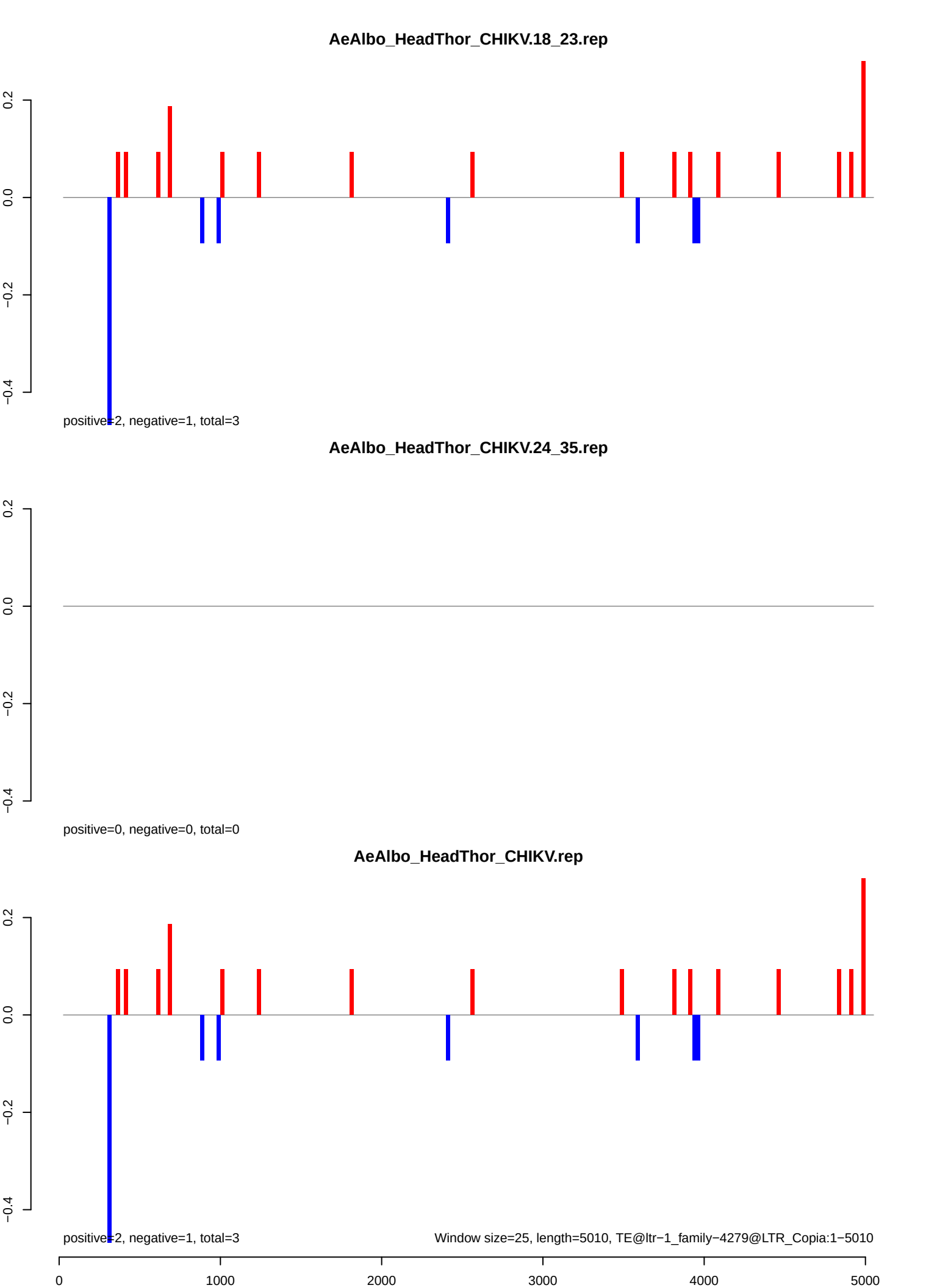

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=5
Window size=25, length=4340, TE@ltr−1_family−4525@LTR_Gypsy:1−4340
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000

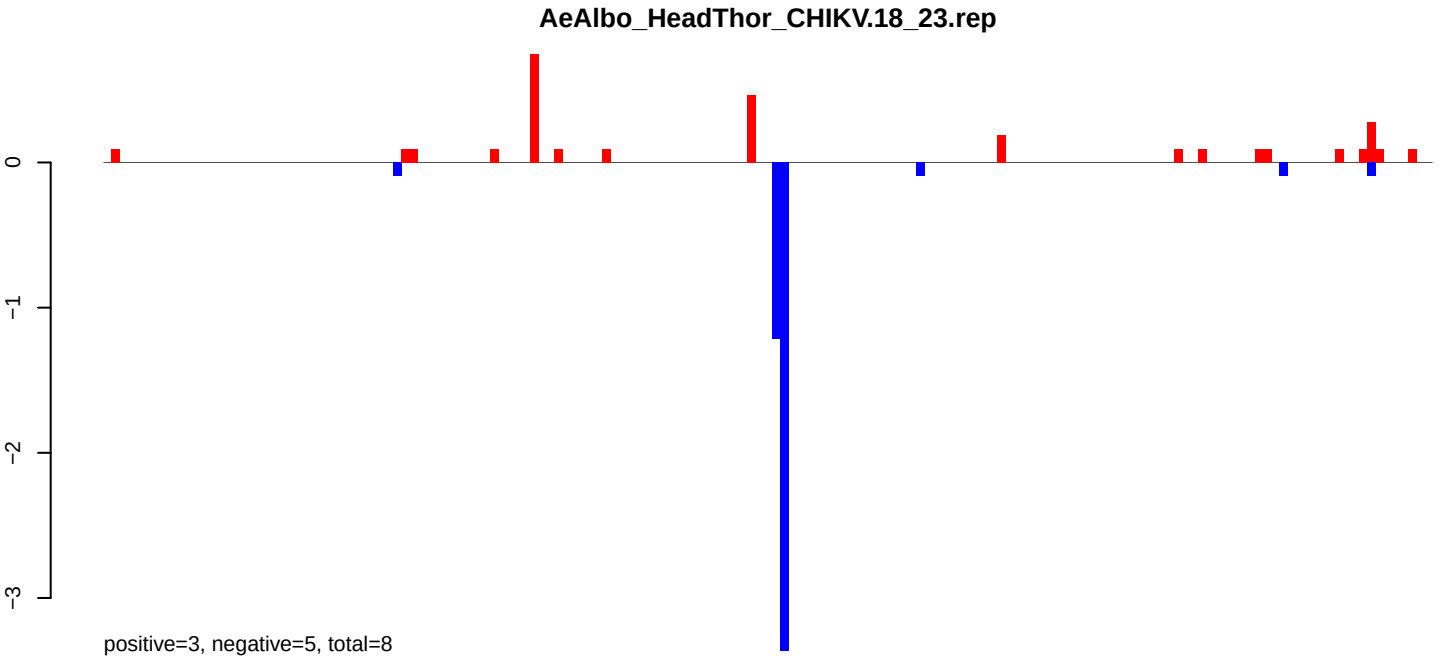

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=28, negative=1, total=29

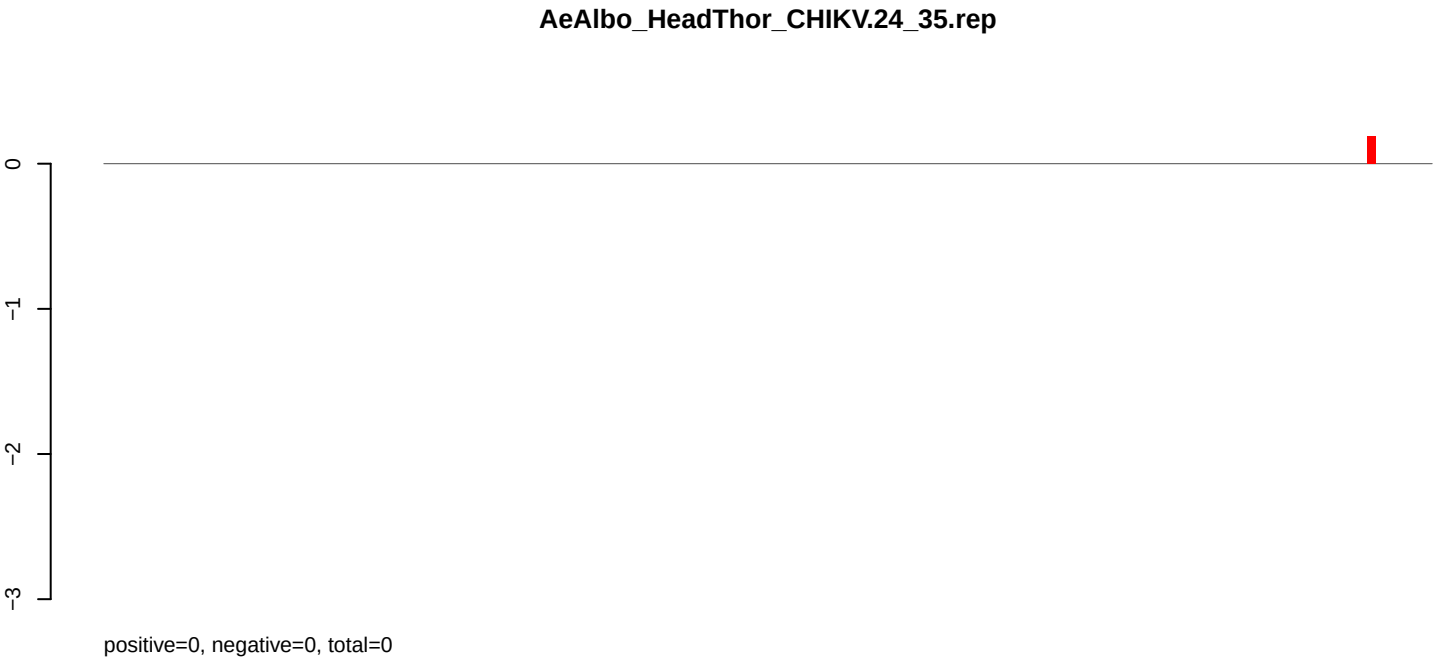

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=7, negative=1, total=8

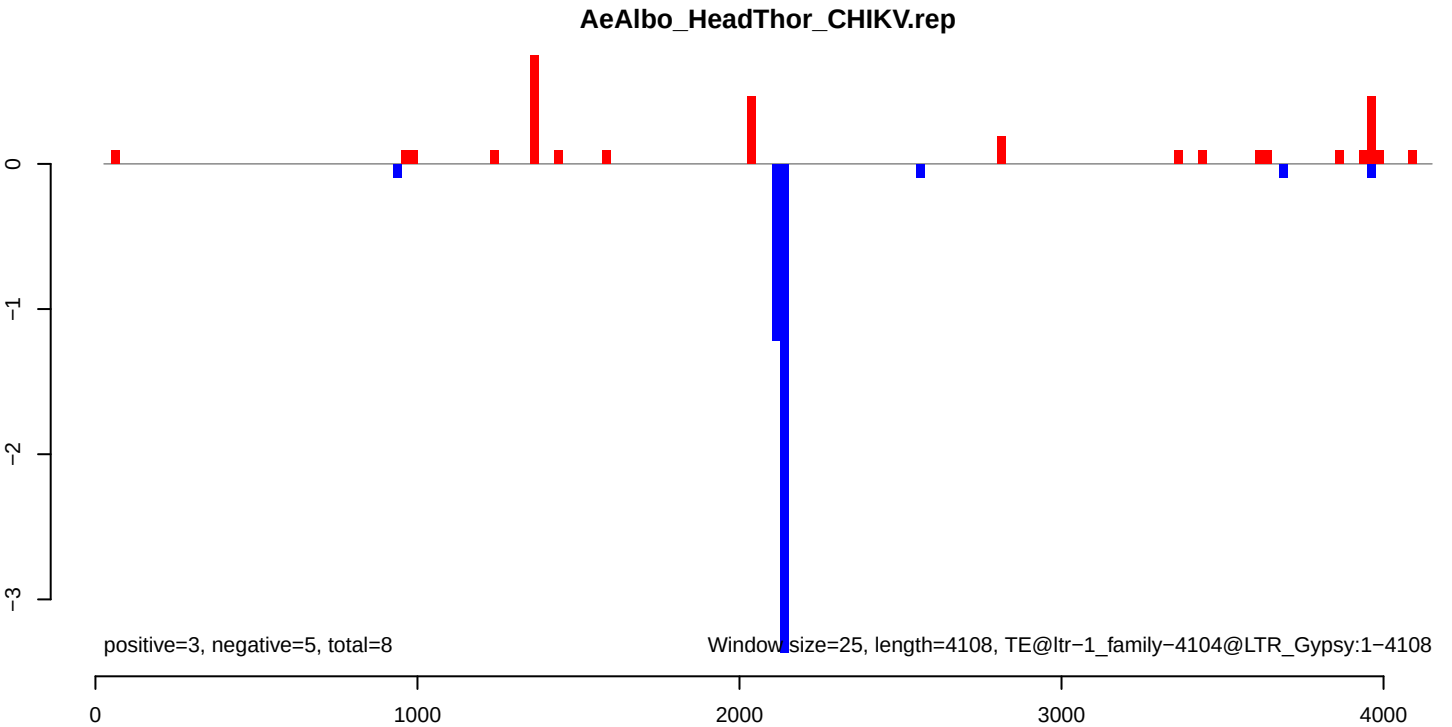

AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=34, negative=2, total=37
Window size=25, length=2815, TE@ltr−1_family−4300@LTR_Gypsy:1−2815
0
500
1000
1500
2000
2500

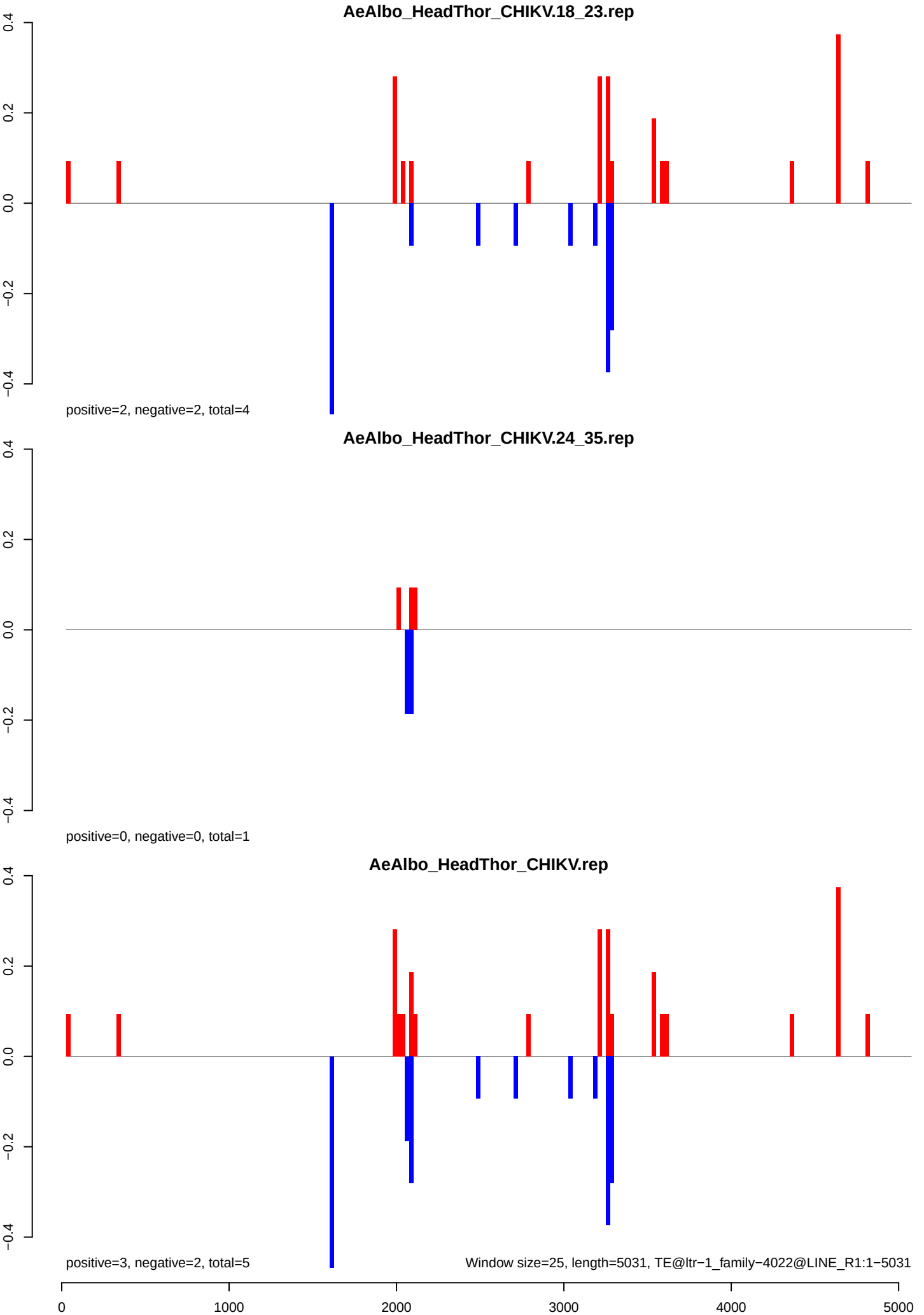

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=3
Window size=25, length=4218, TE@ltr−1_family−4286@LTR_Copia:1−4218
0
1000
2000
3000
4000

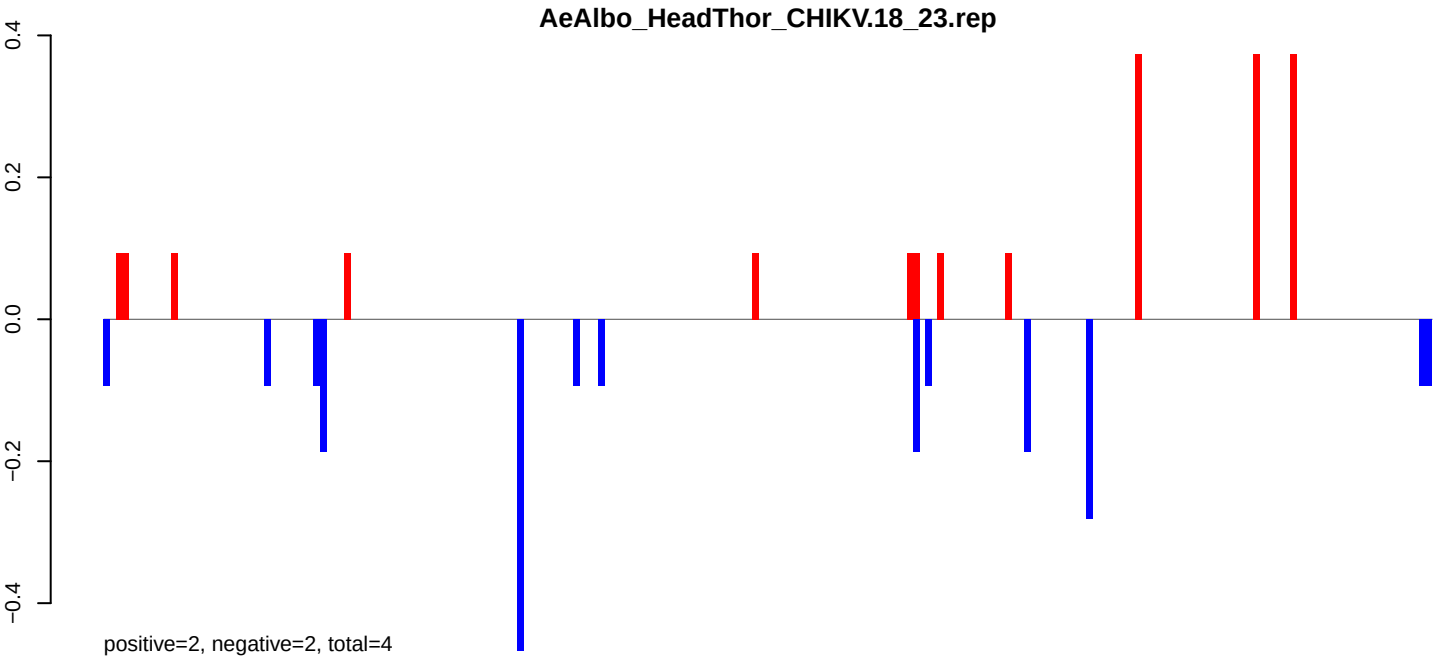

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
Window size=25, length=5010, TE@ltr−1_family−4279@LTR_Copia:1−5010
0
1000
2000
3000
4000
5000

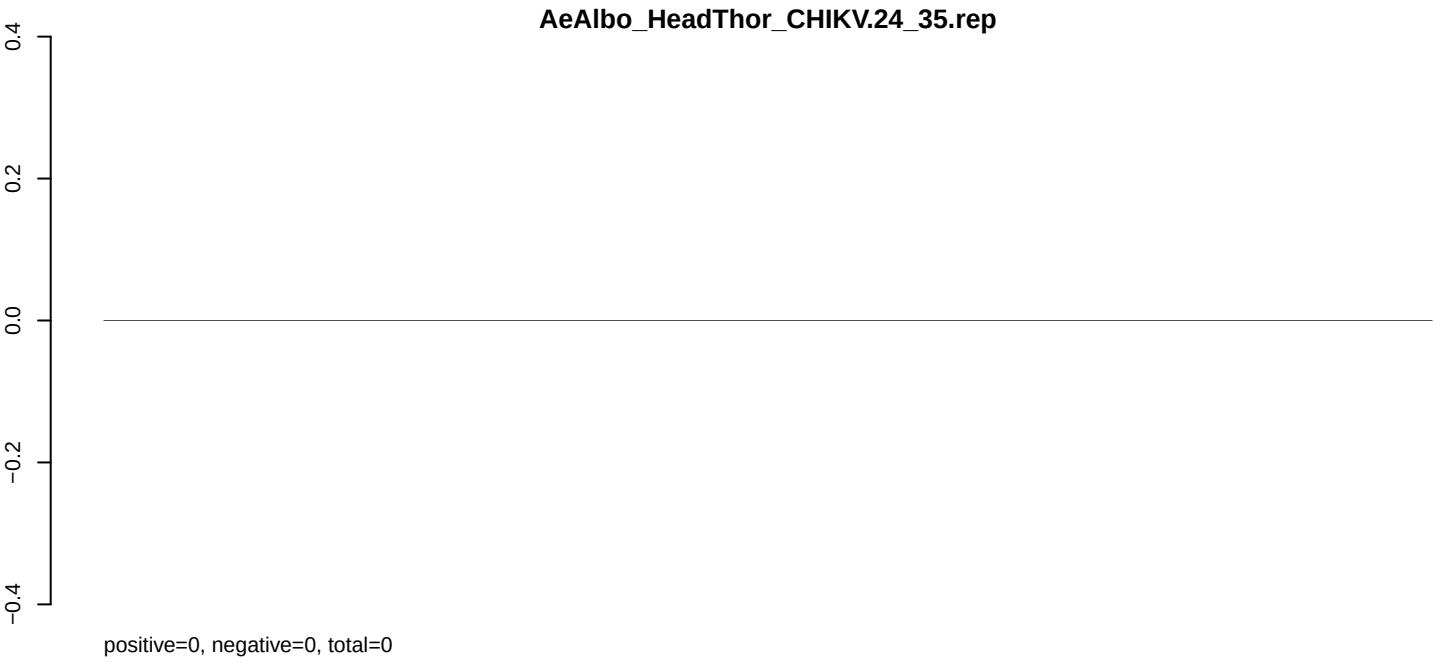

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=3, negative=5, total=8

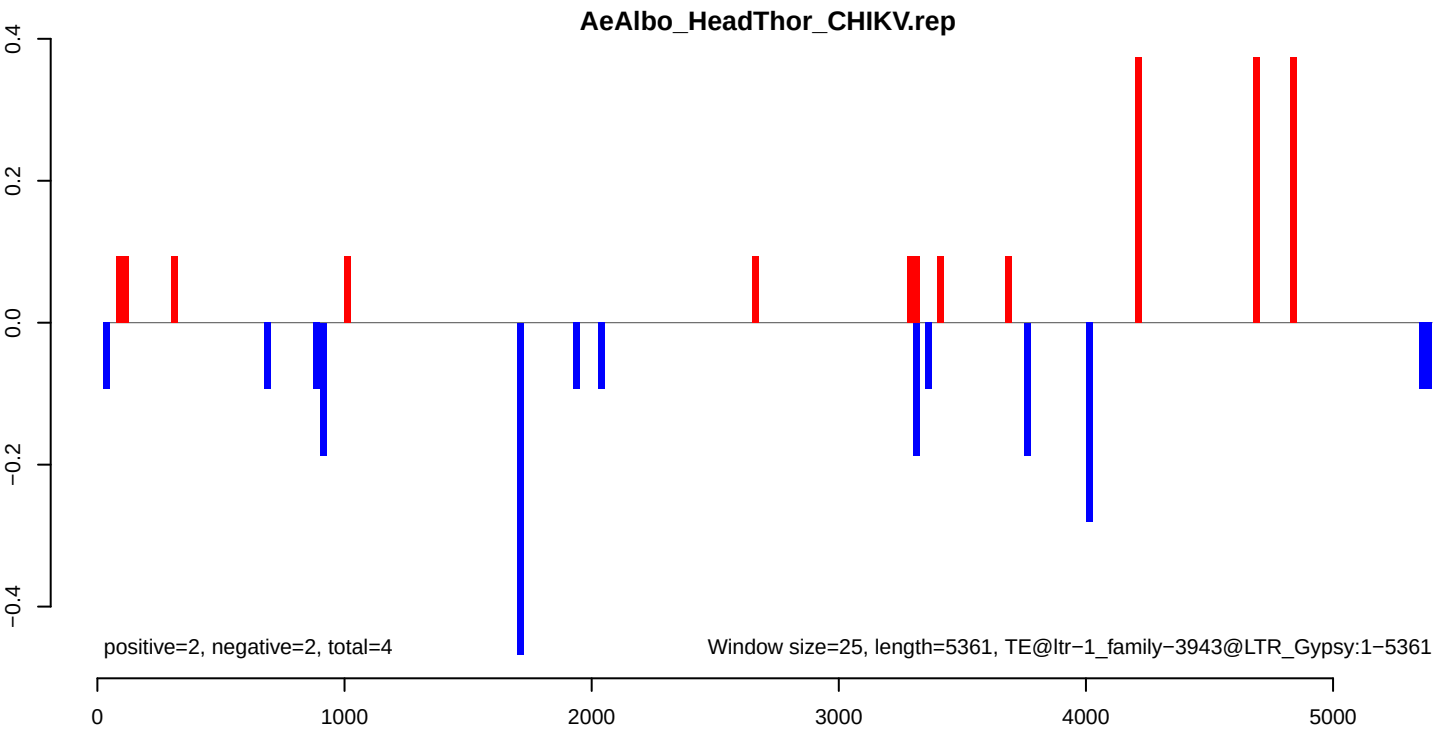

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0

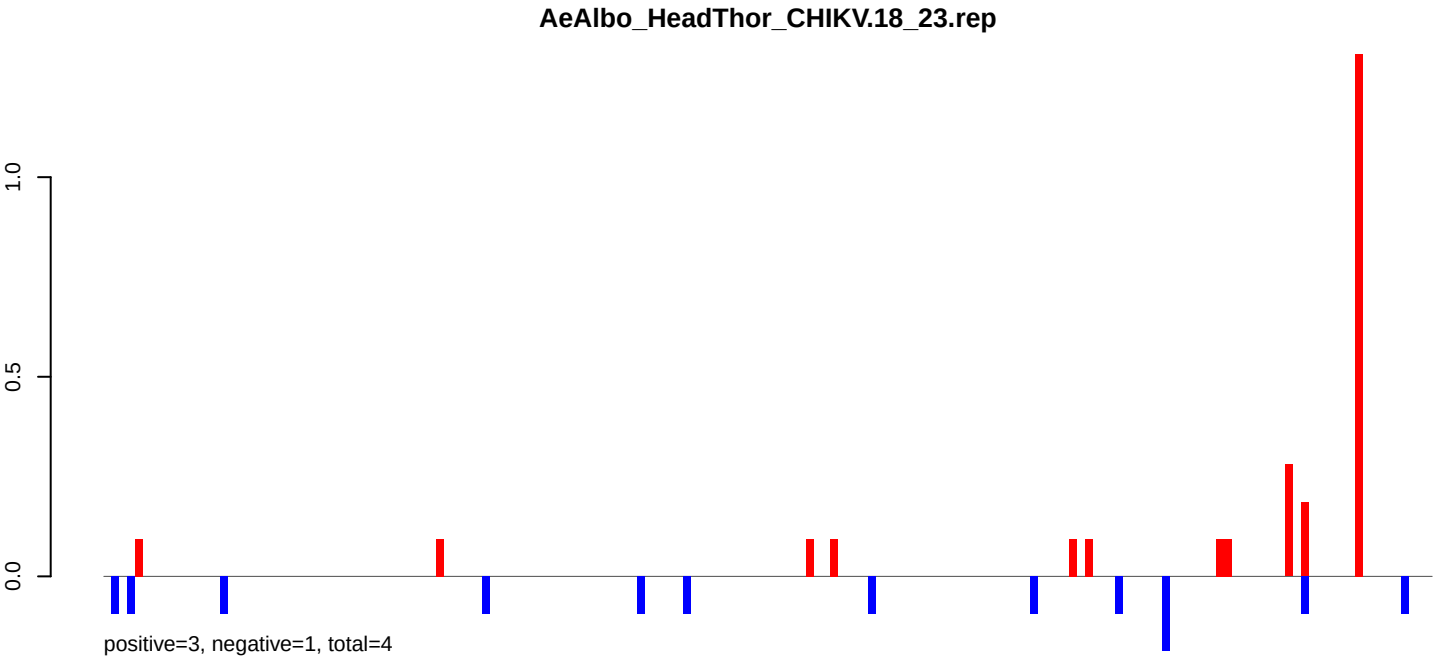

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=3, negative=5, total=8
Window size=25, length=4108, TE@ltr−1_family−4104@LTR_Gypsy:1−4108
0
1000
2000
3000
4000

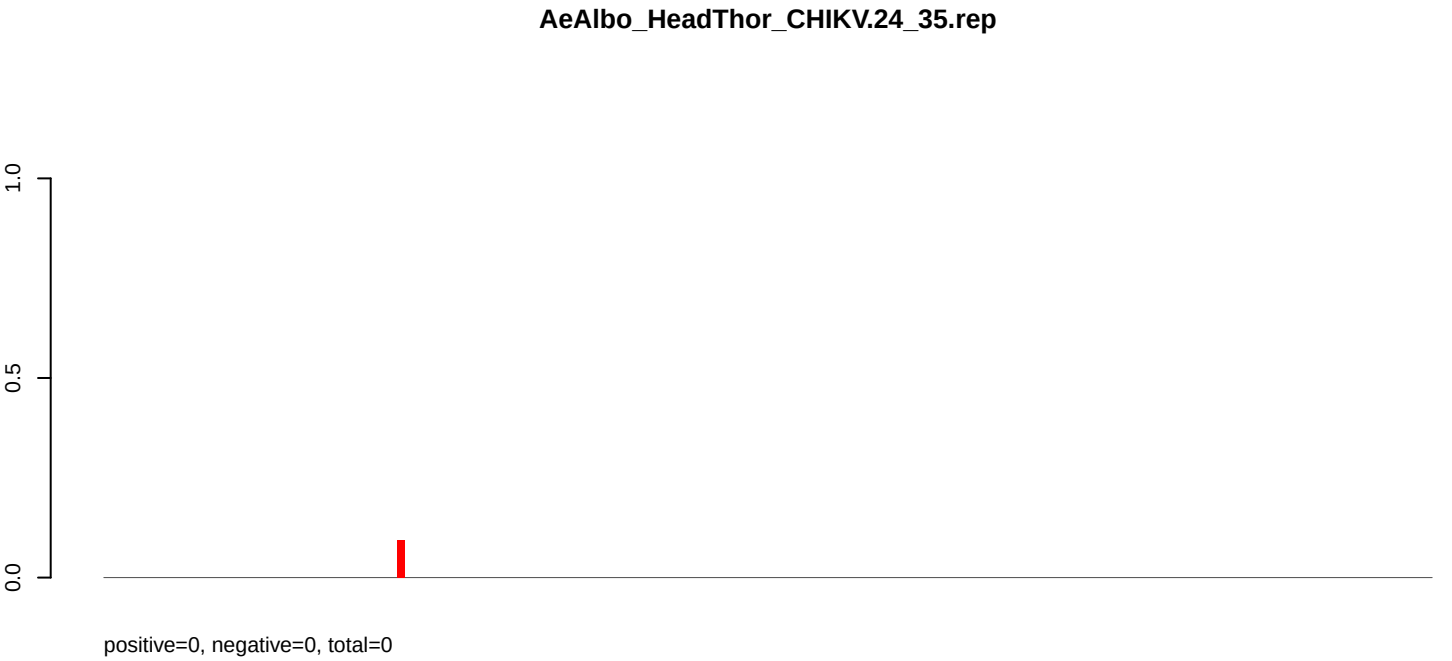

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=2, total=5
Window size=25, length=5031, TE@ltr−1_family−4022@LINE_R1:1−5031
0
1000
2000
3000
4000
5000

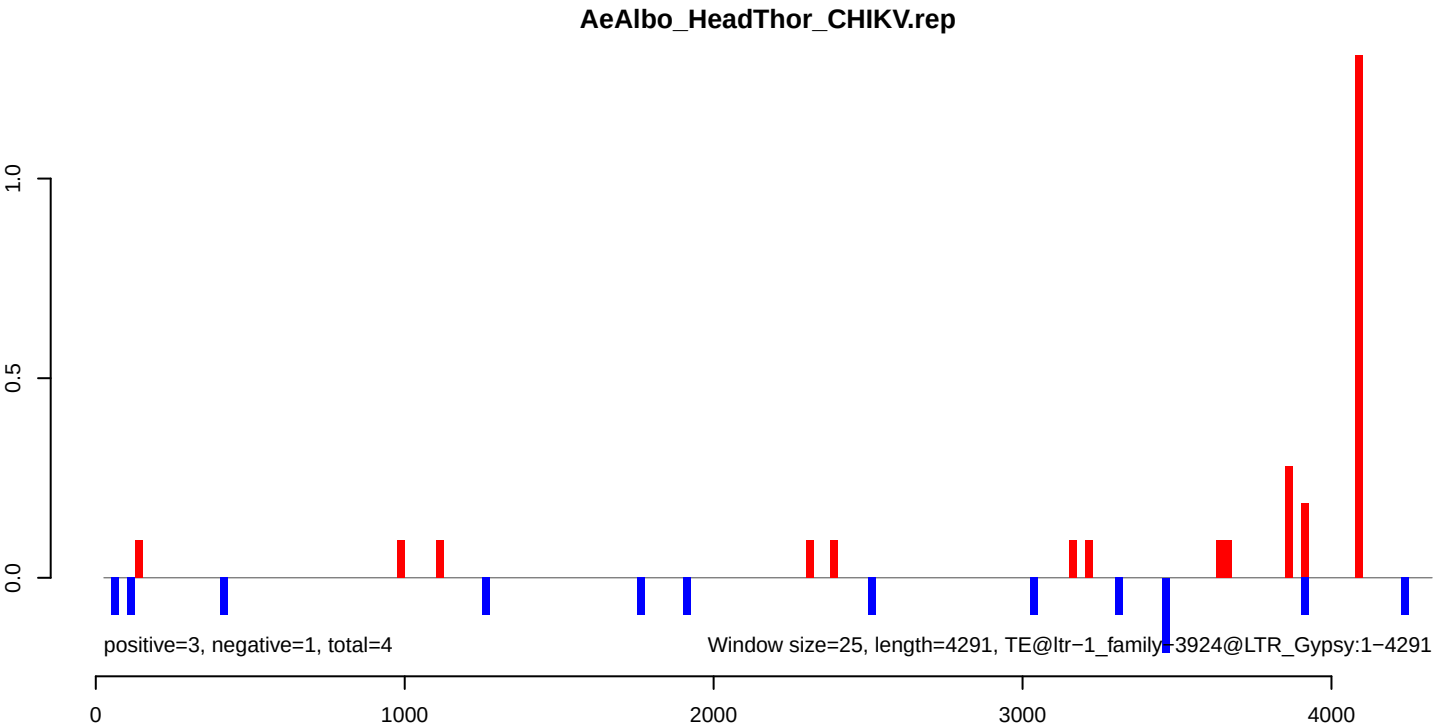

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4

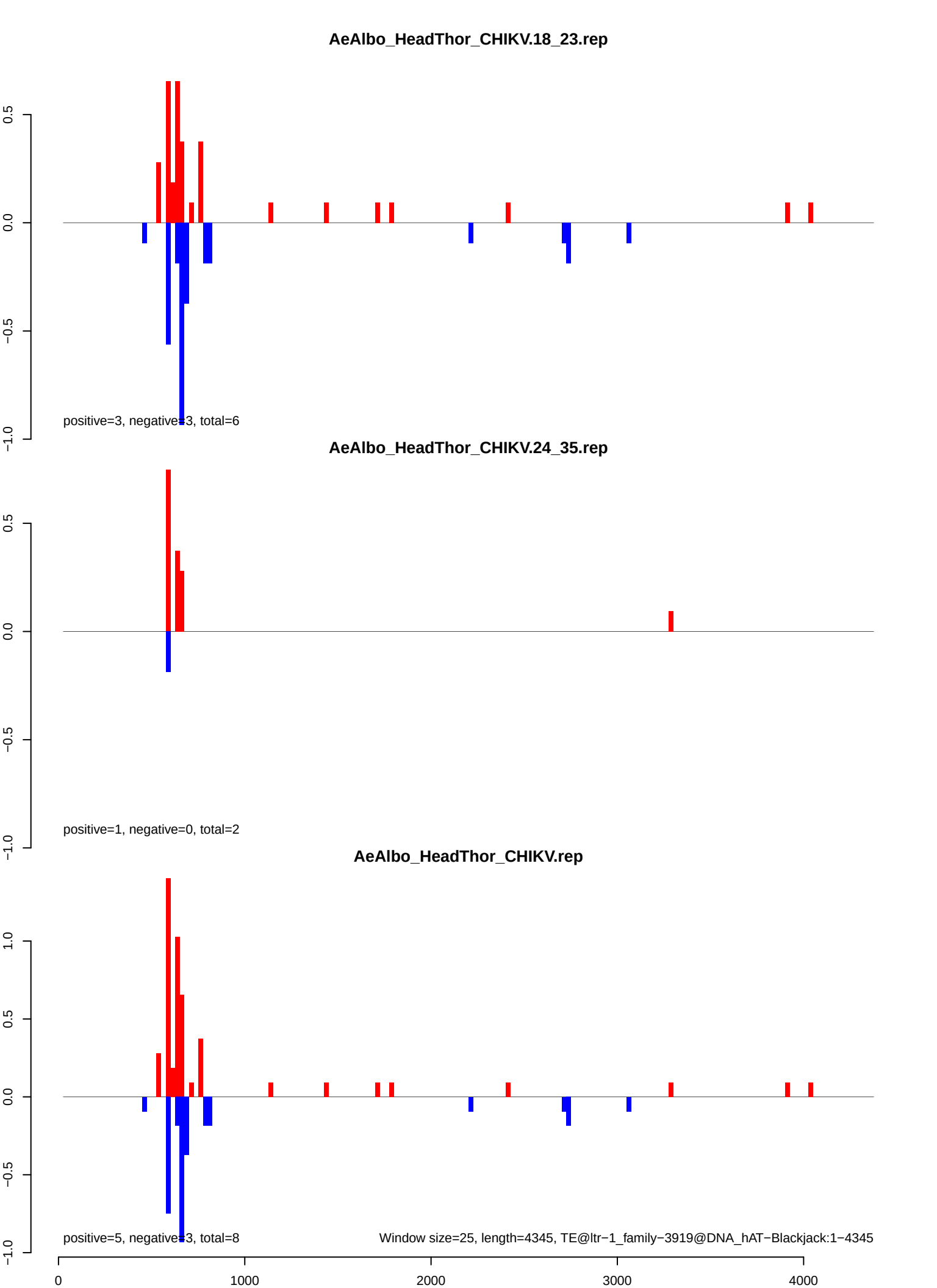

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

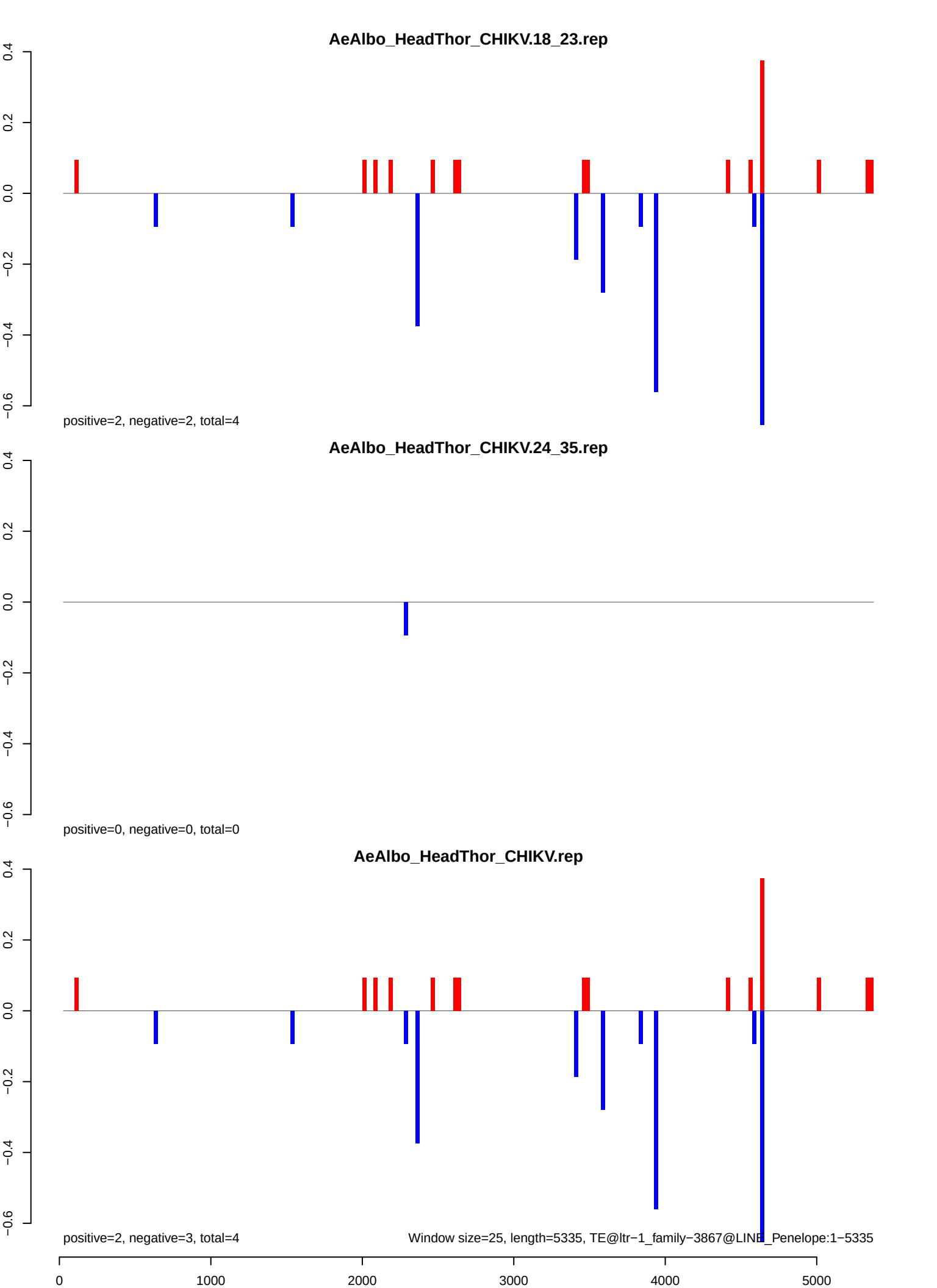

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4
Window size=25, length=5361, TE@ltr−1_family−3943@LTR_Gypsy:1−5361
0
1000
2000
3000
4000
5000

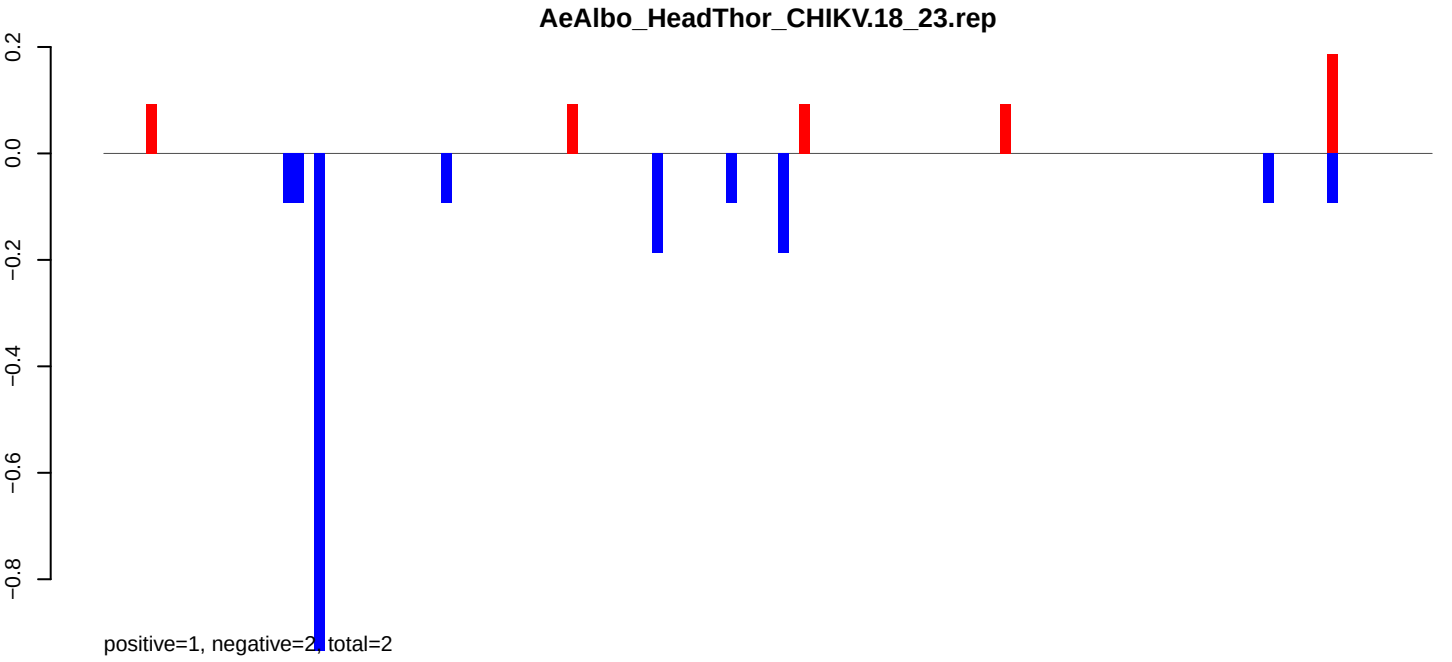

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=1, total=4

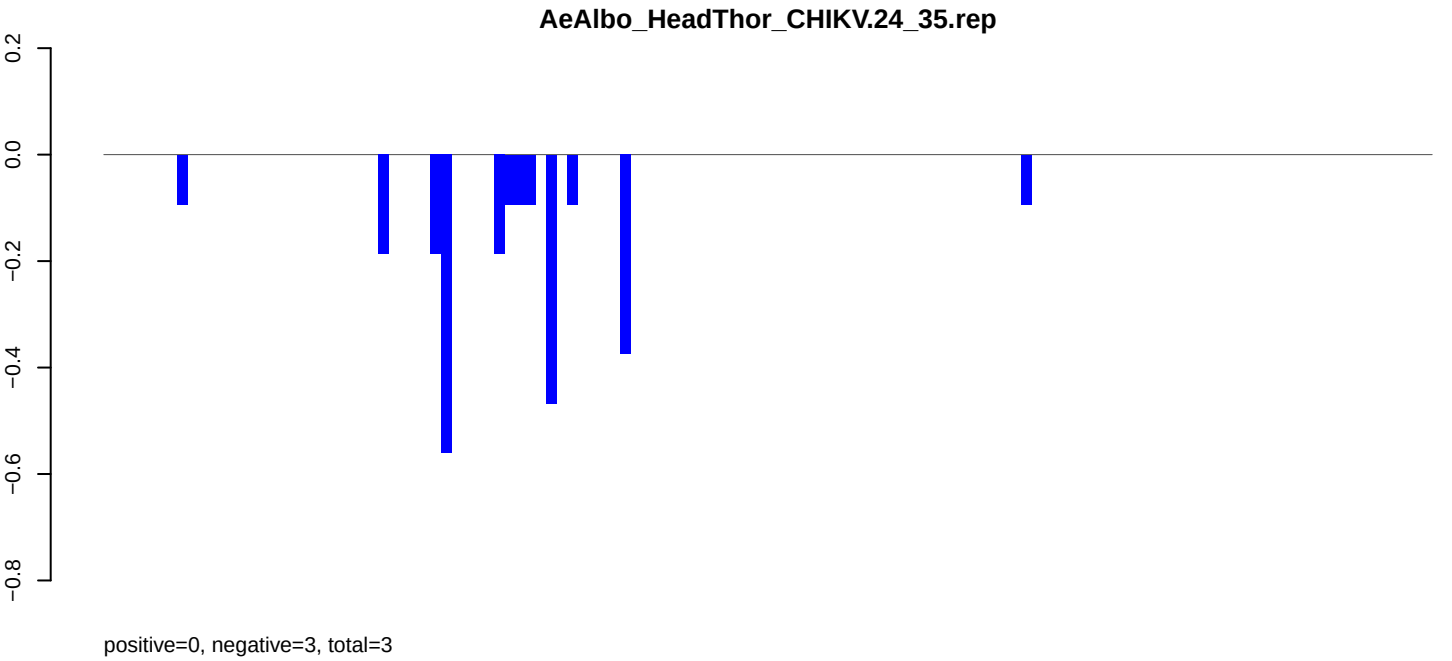

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0

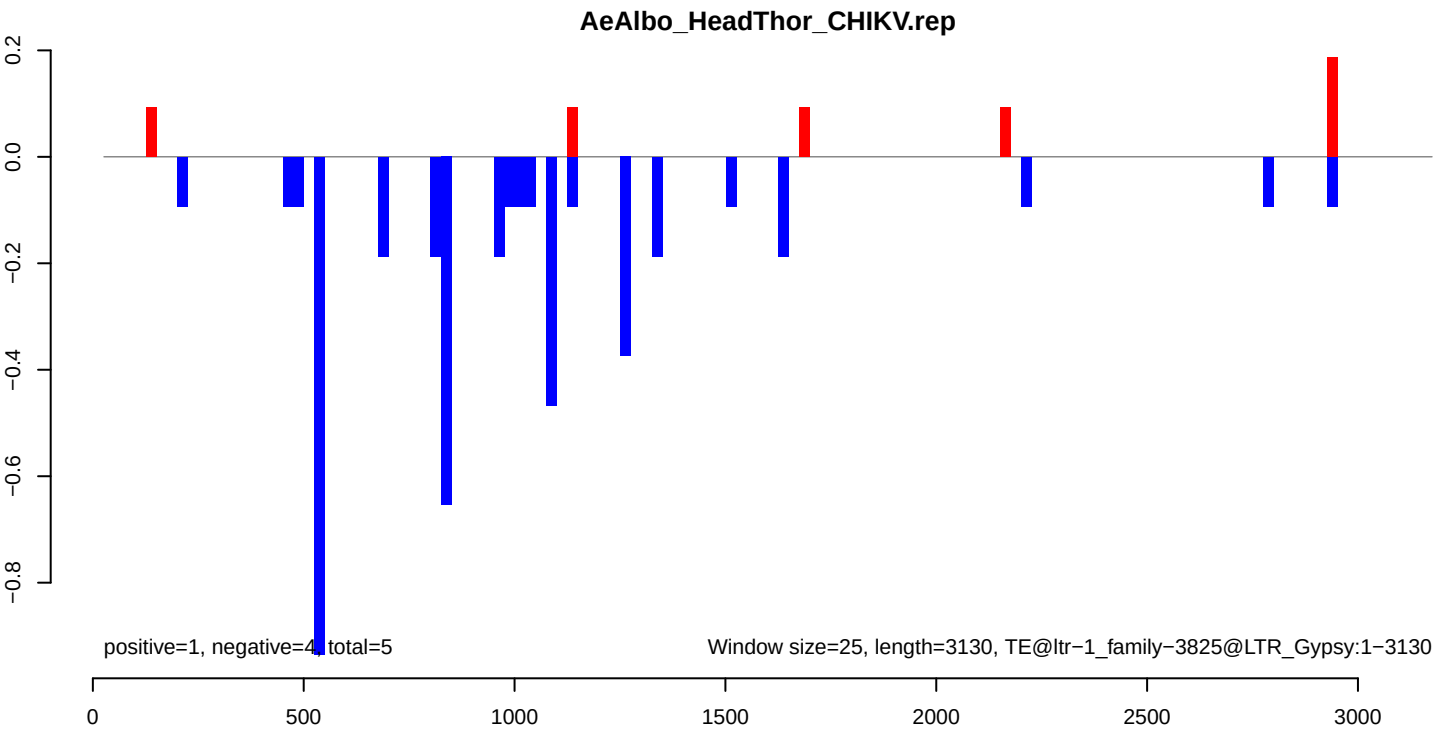

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=3, negative=1, total=4
Window size=25, length=4291, TE@ltr−1_family−3924@LTR_Gypsy:1−4291
0
1000
2000
3000
4000

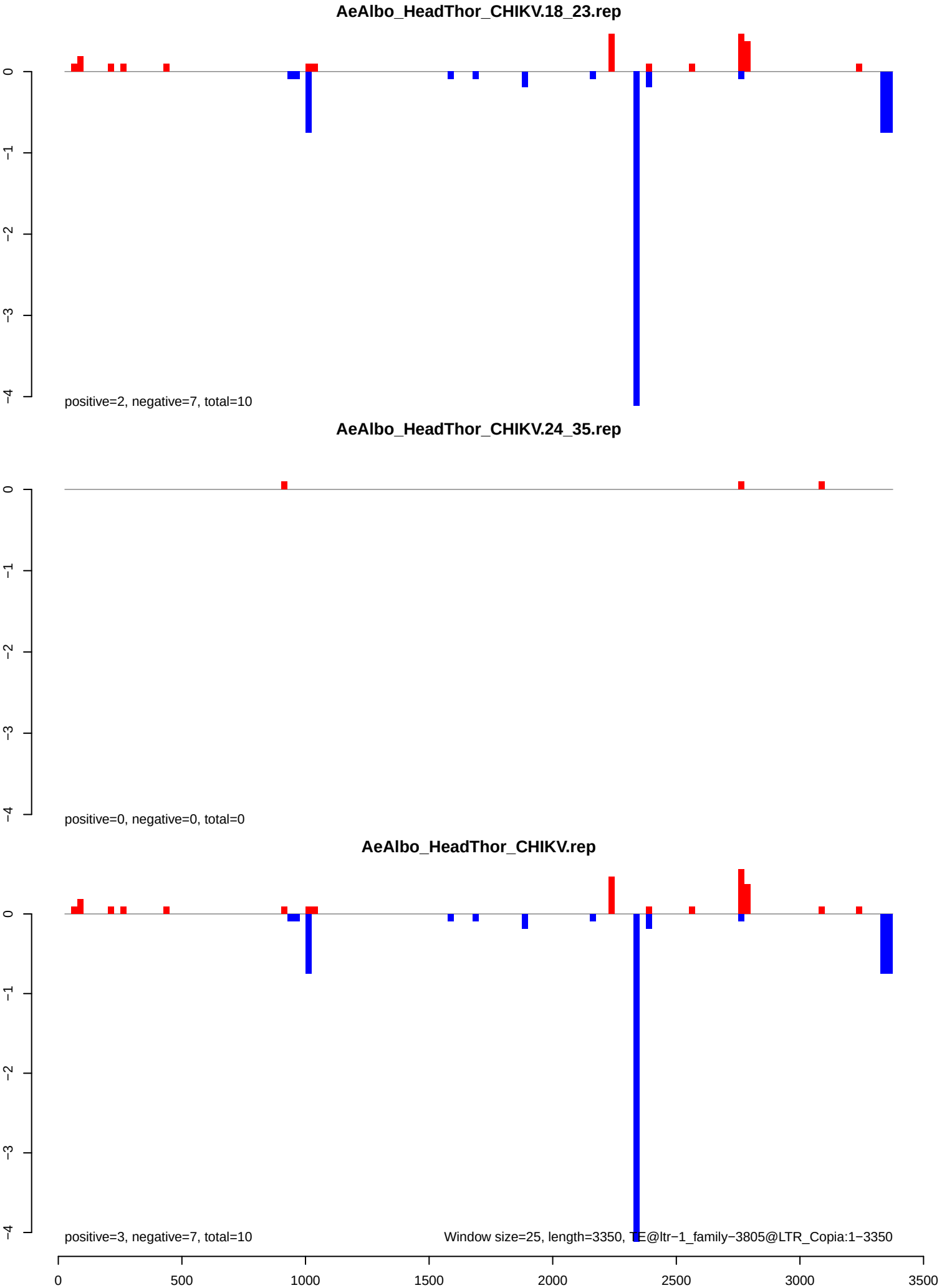

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=3, total=8
Window size=25, length=4345, TE@ltr−1_family−3919@DNA_hAT−Blackjack:1−4345
0
1000
2000
3000
4000

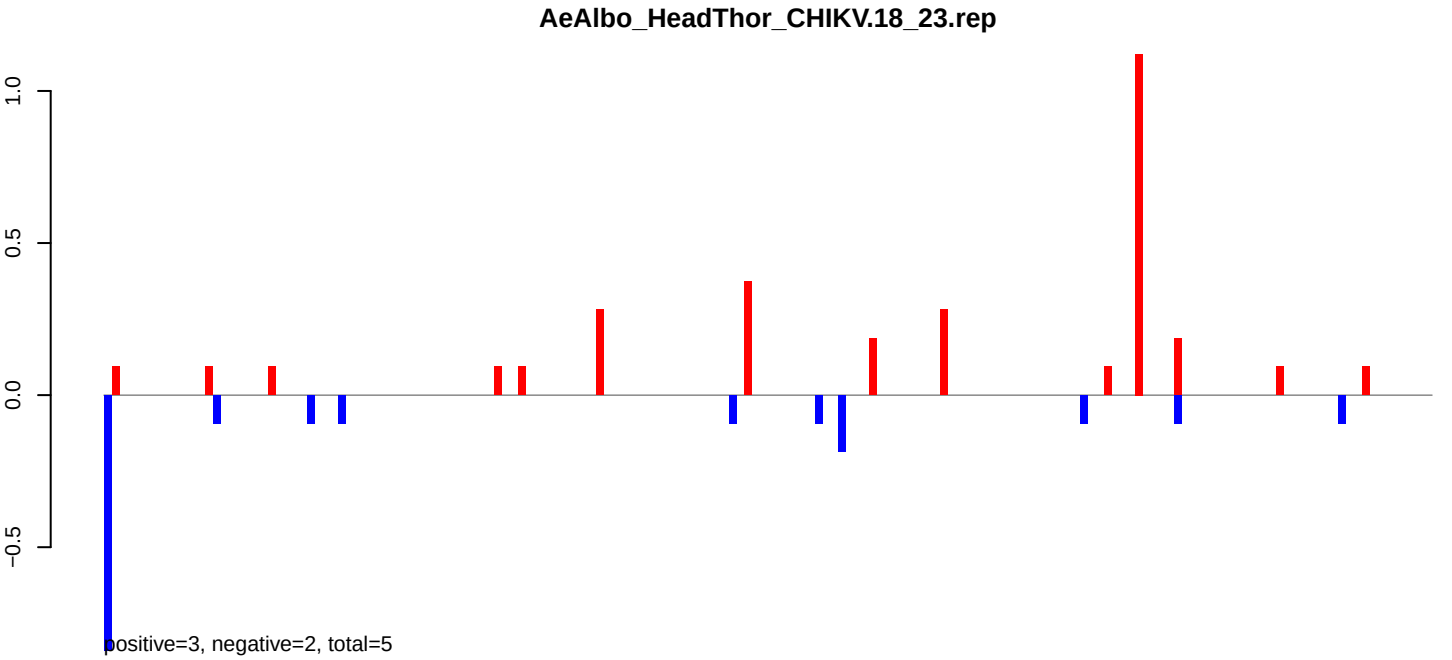

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=4
Window size=25, length=5335, TE@ltr−1_family−3867@LINE_Penelope:1−5335
0
1000
2000
3000
4000
5000

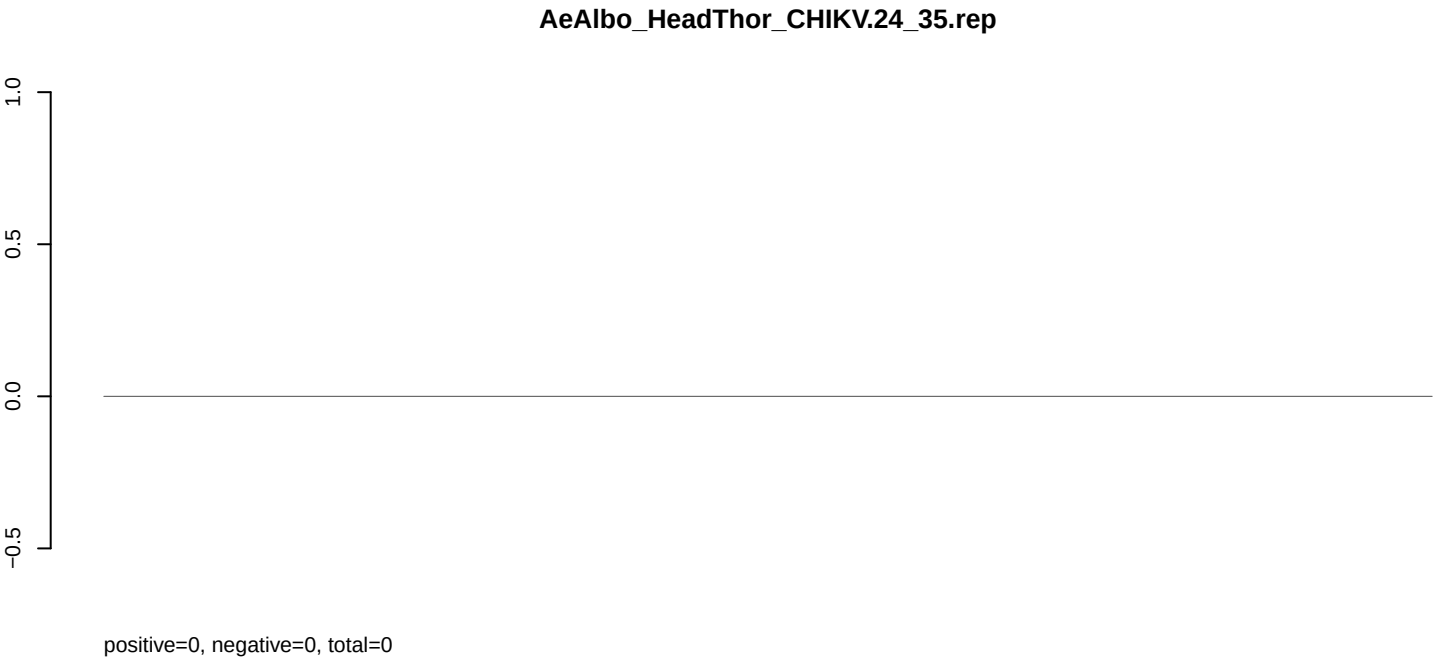

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=2

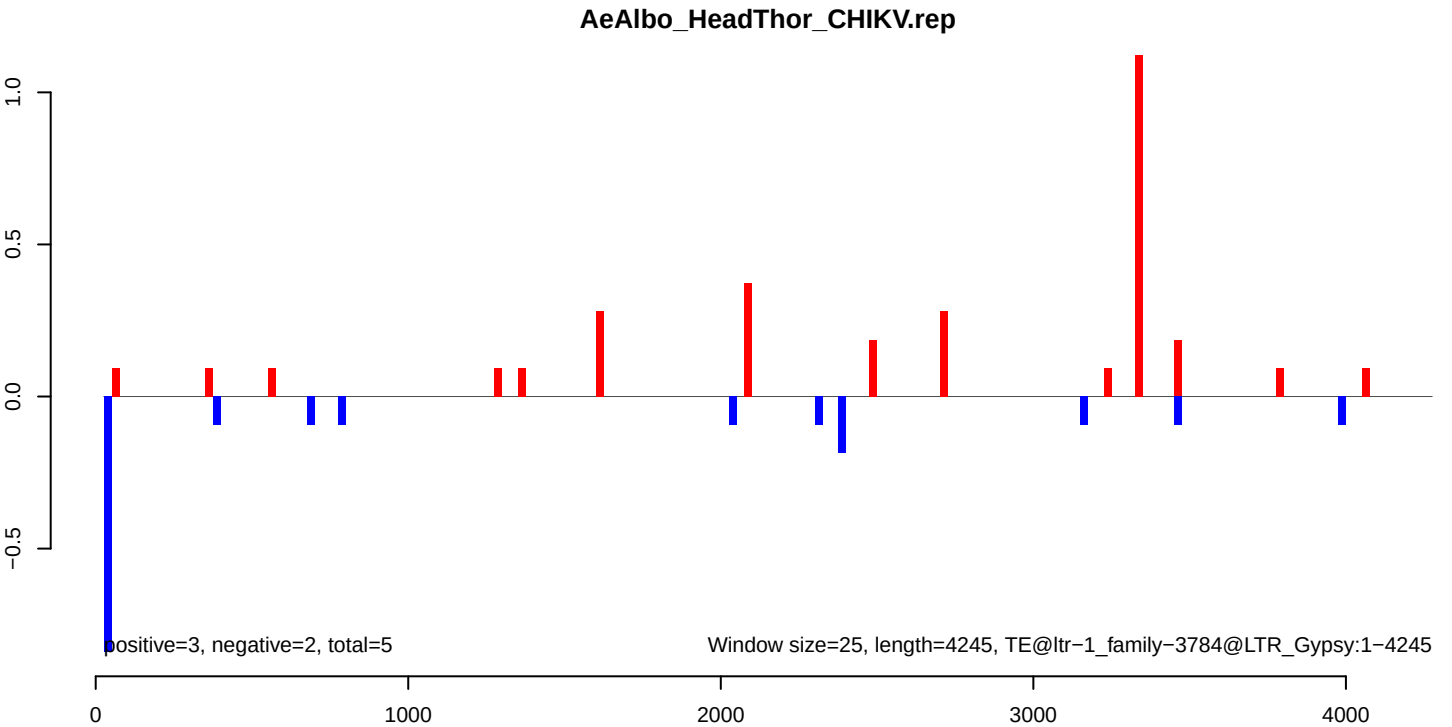

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=3, total=3

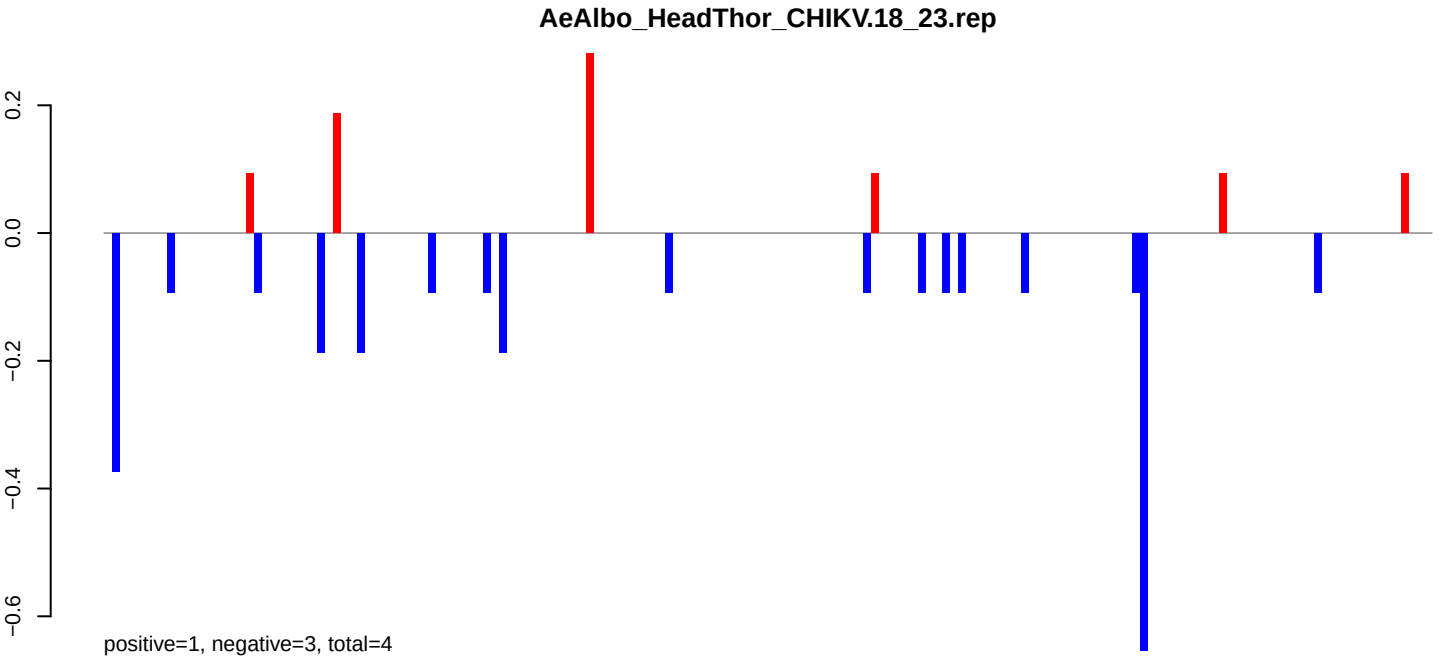

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=4, total=5
Window size=25, length=3130, TE@ltr−1_family−3825@LTR_Gypsy:1−3130
0
500
1000
1500
2000
2500
3000

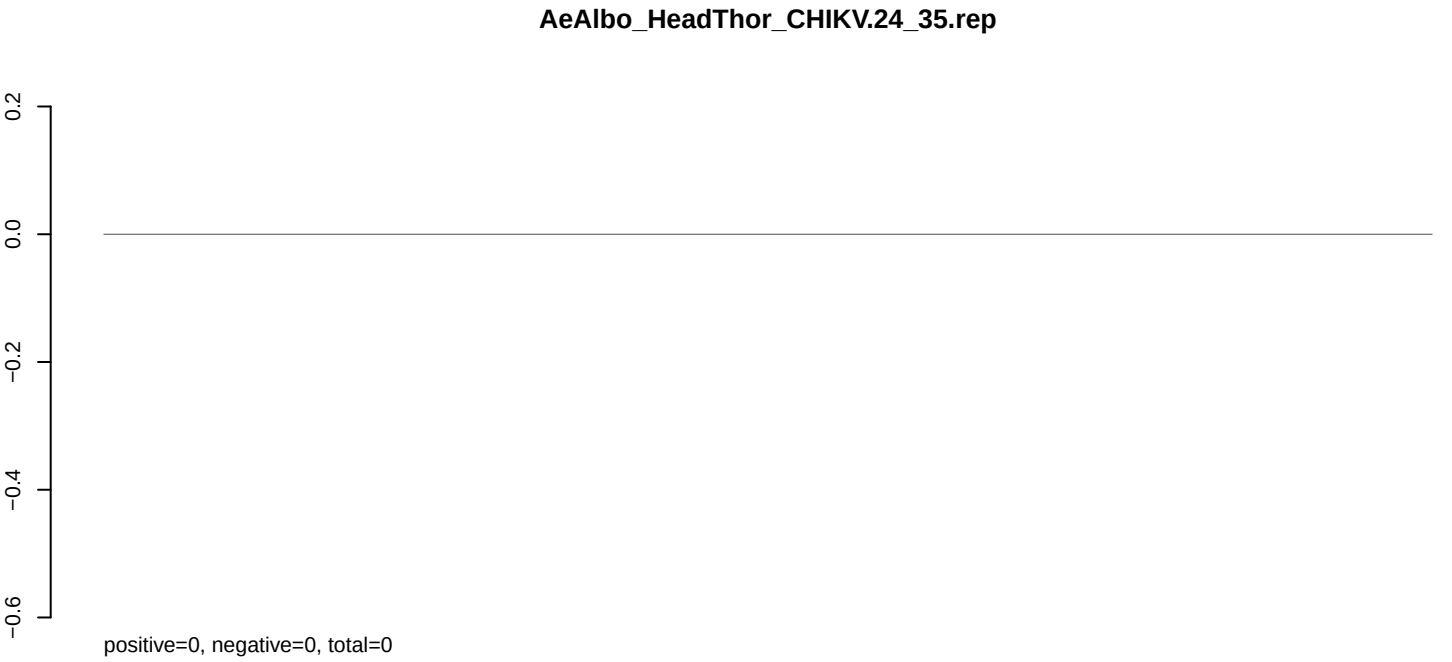

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=7, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=7, total=10
Window size=25, length=3350, TE@ltr−1_family−3805@LTR_Copia:1−3350
0
−1
−2
−3
−4
0
500
1000
1500
2000
2500
3000
3500

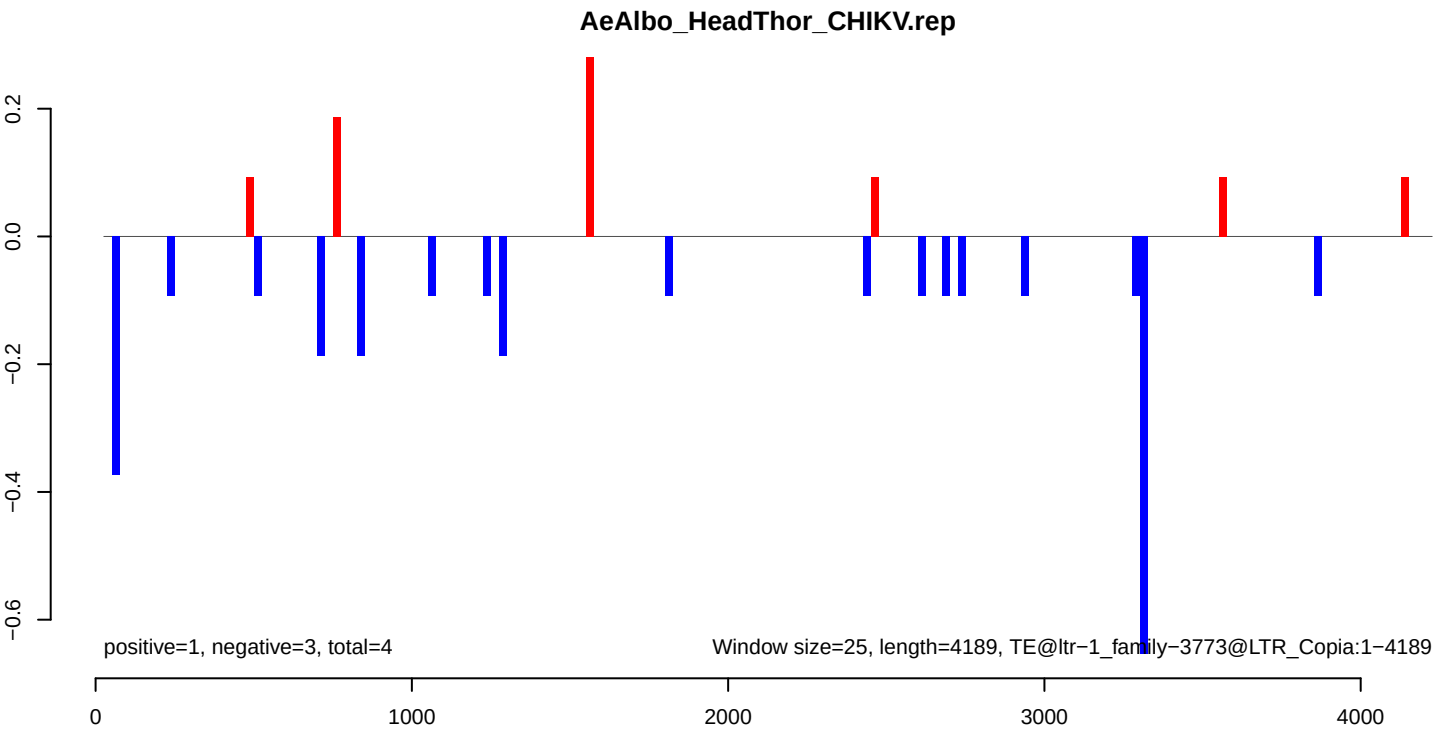

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=5

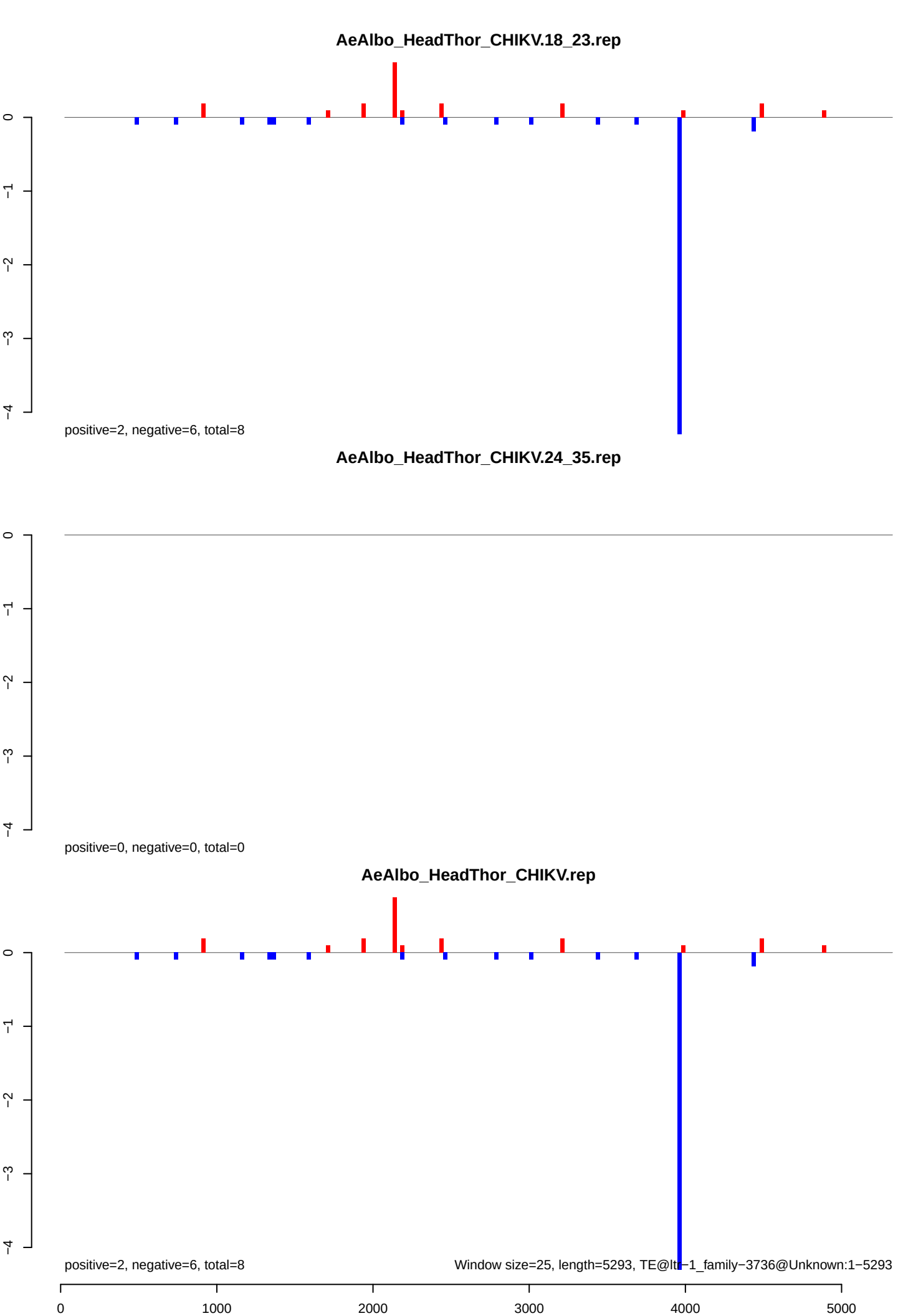

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

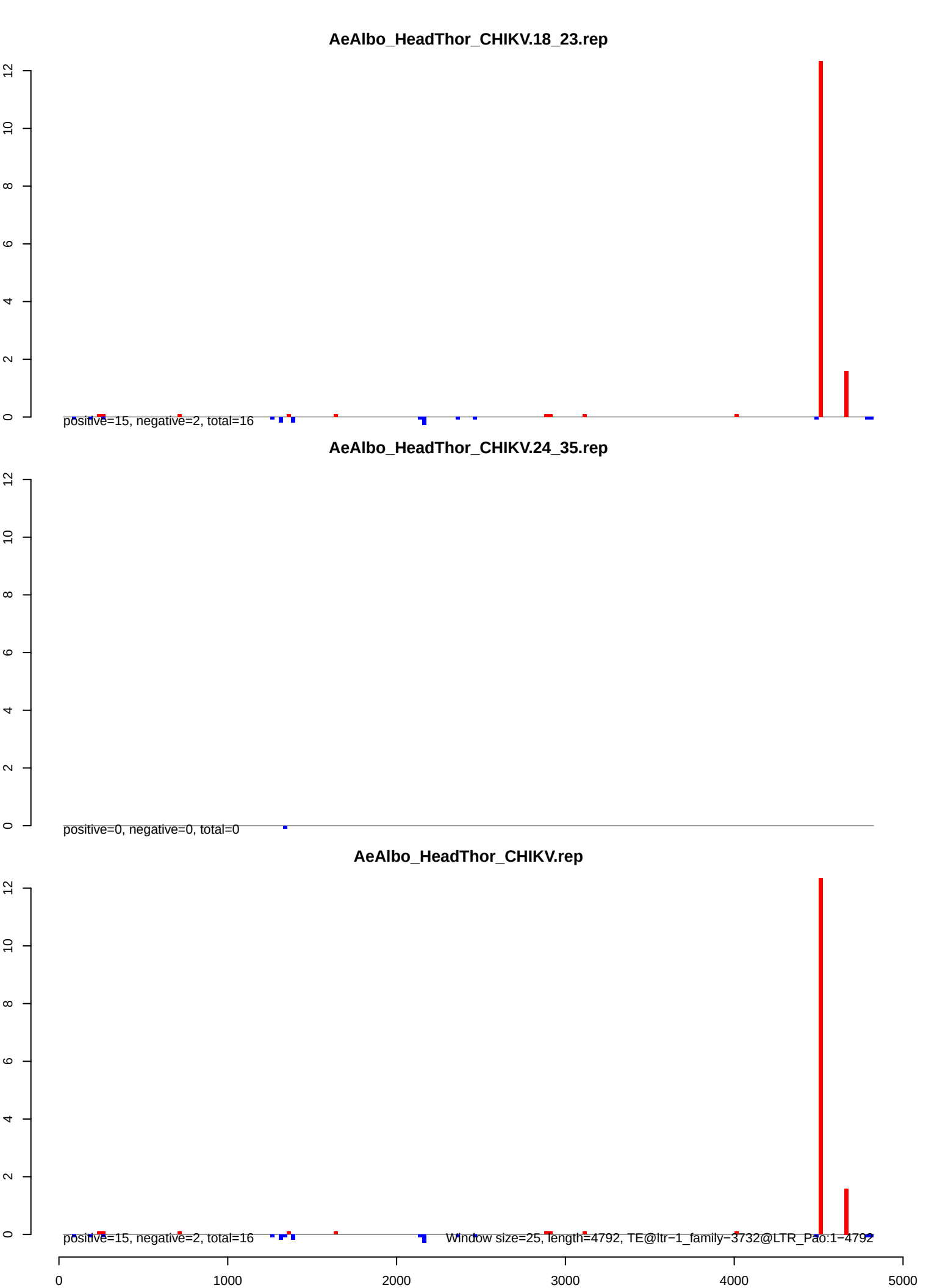

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=5
Window size=25, length=4245, TE@ltr−1_family−3784@LTR_Gypsy:1−4245
0
1000
2000
3000
4000

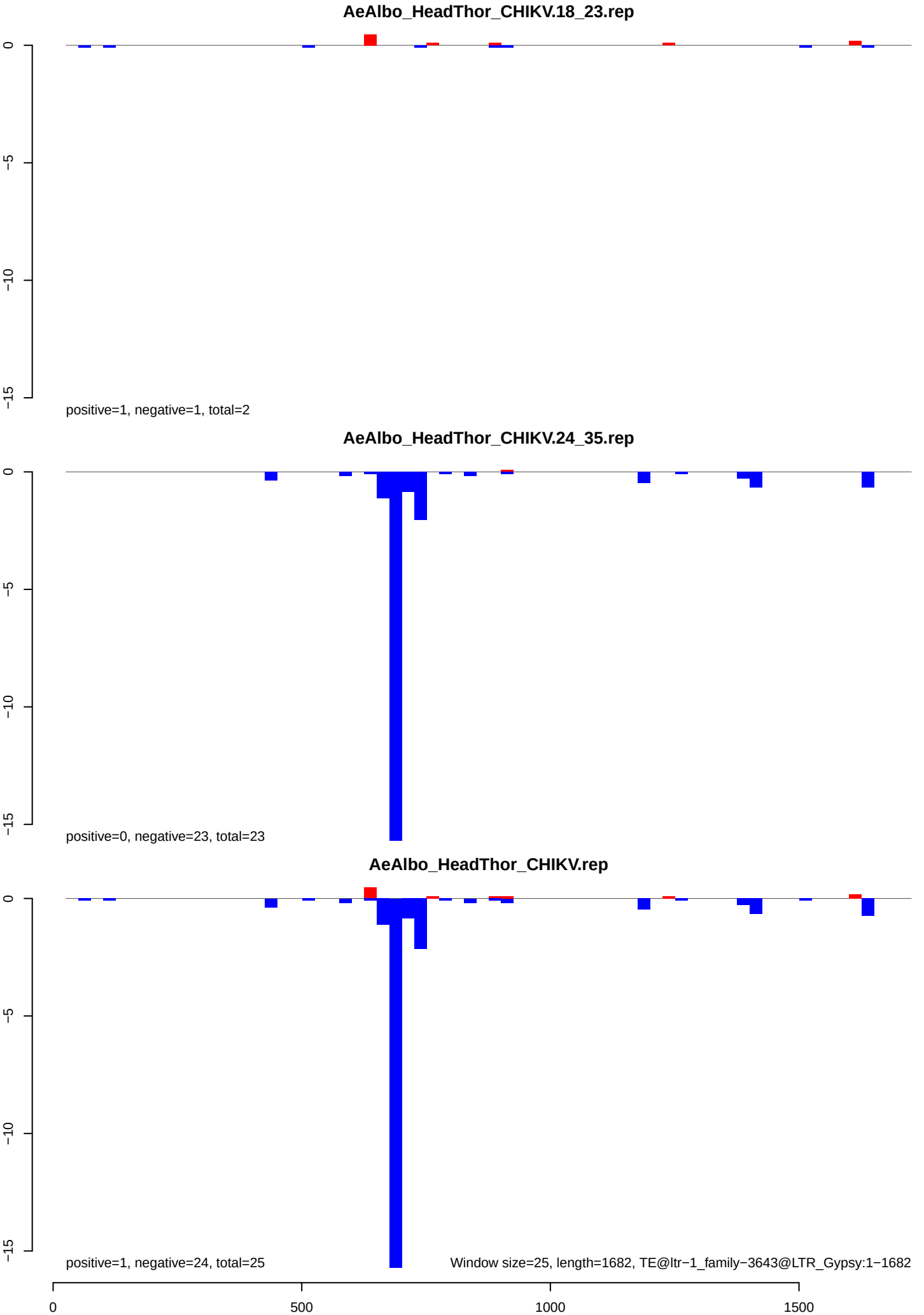

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=3, total=4

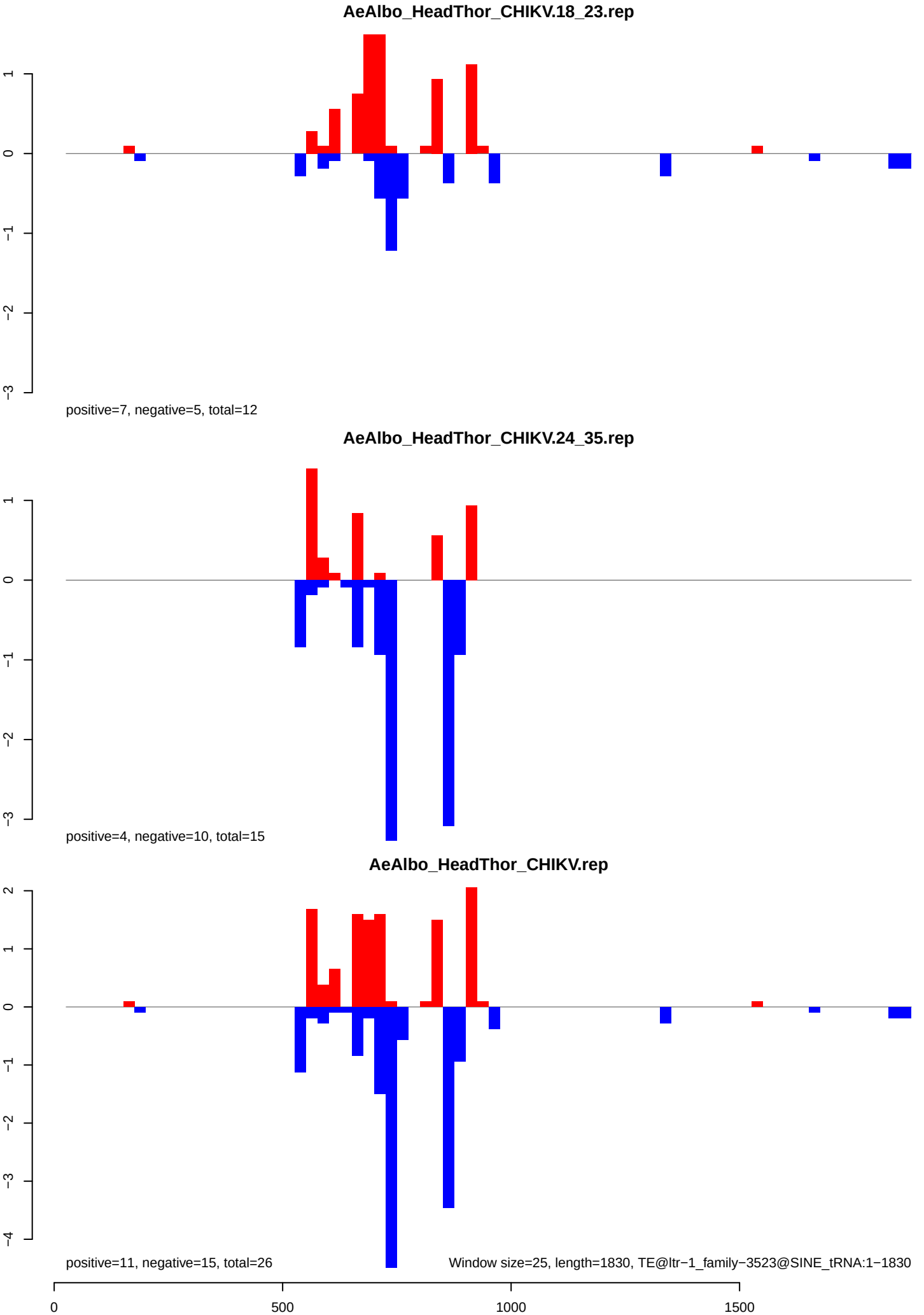

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

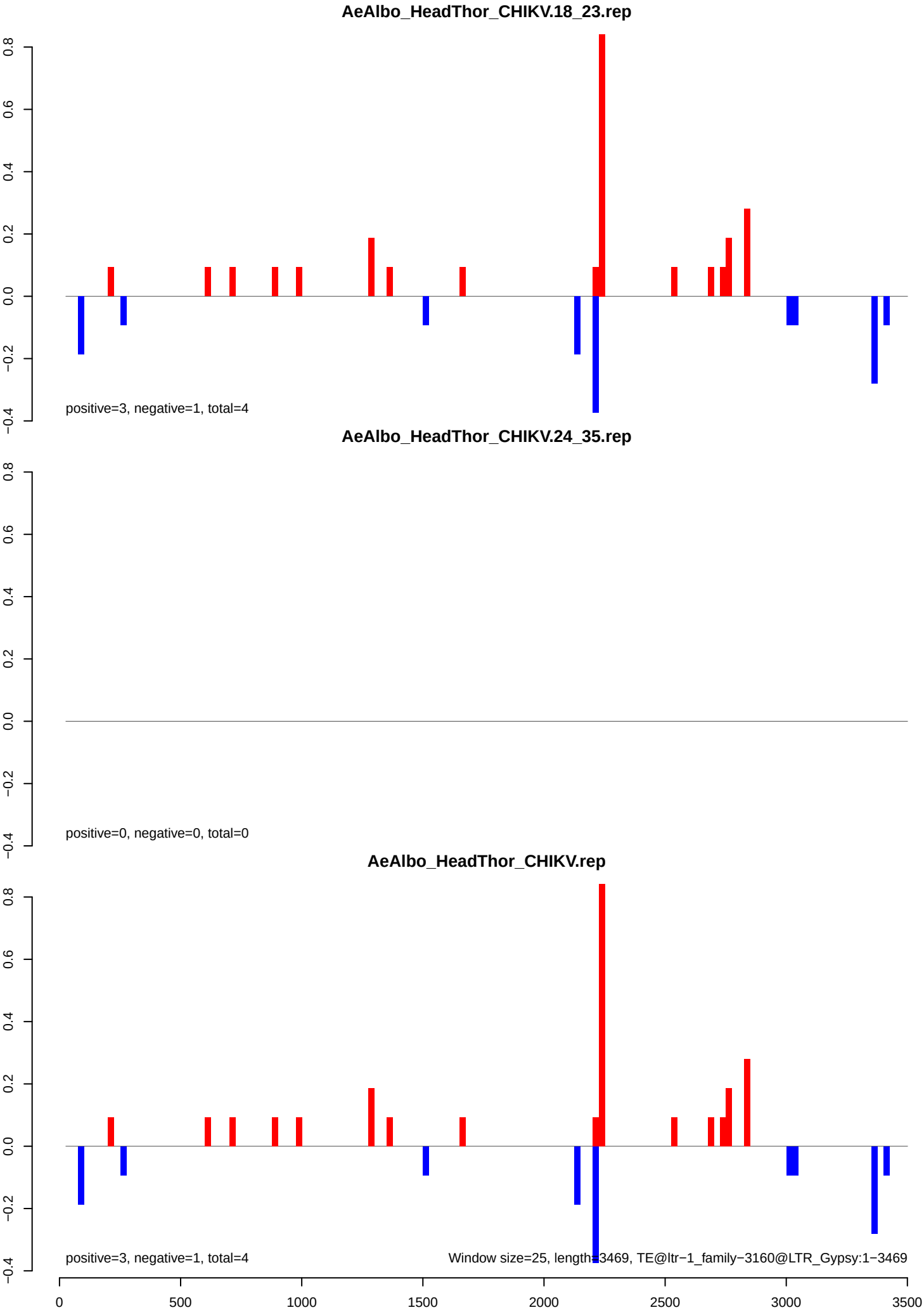

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=3, total=4
Window size=25, length=4189, TE@ltr−1_family−3773@LTR_Copia:1−4189
0
1000
2000
3000
4000

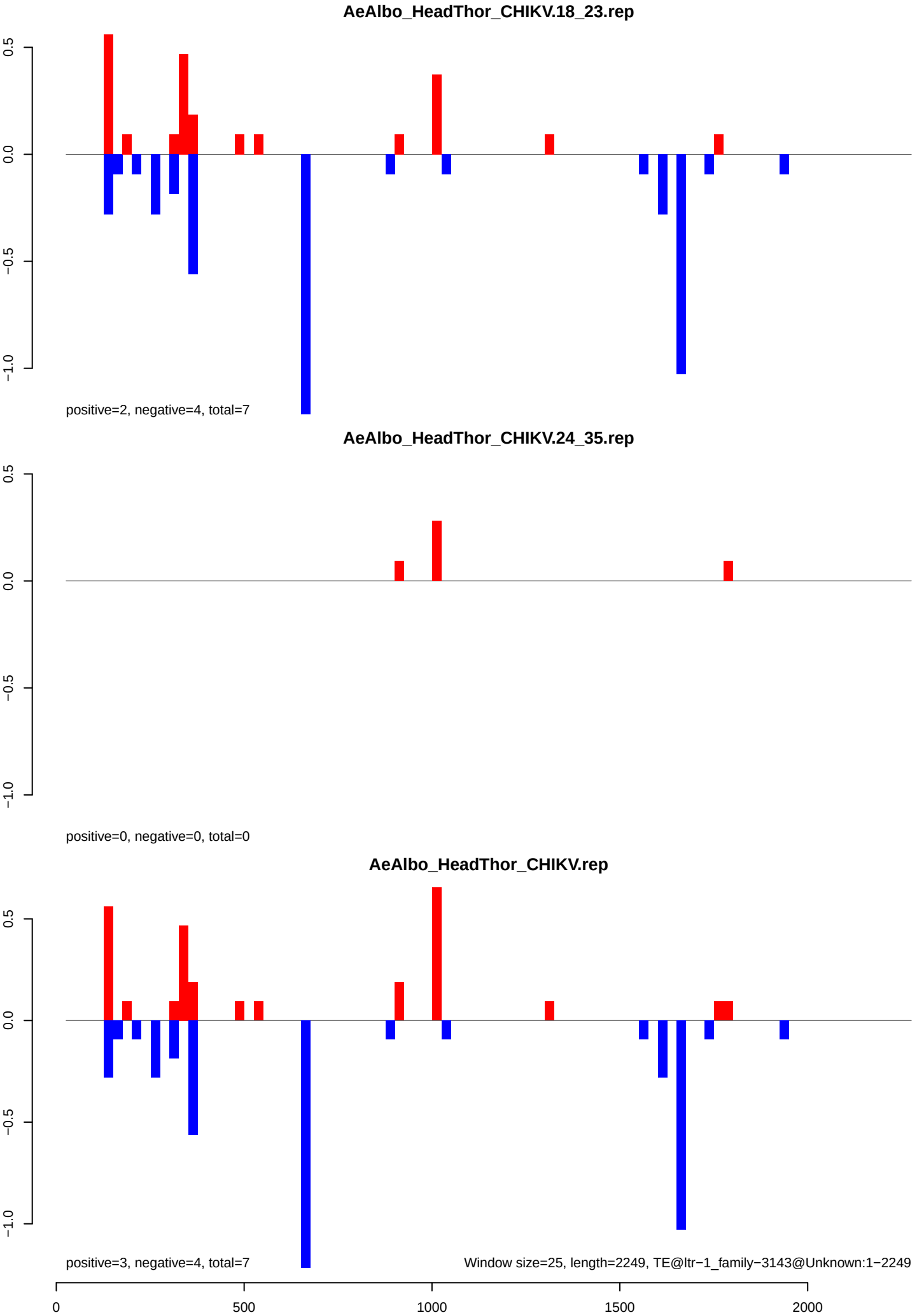

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=2, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=2, negative=6, total=8
Window size=25, length=5293, TE@lt
1_family−3736@Unknown:1−5293
0
1000
2000
3000
4000
5000

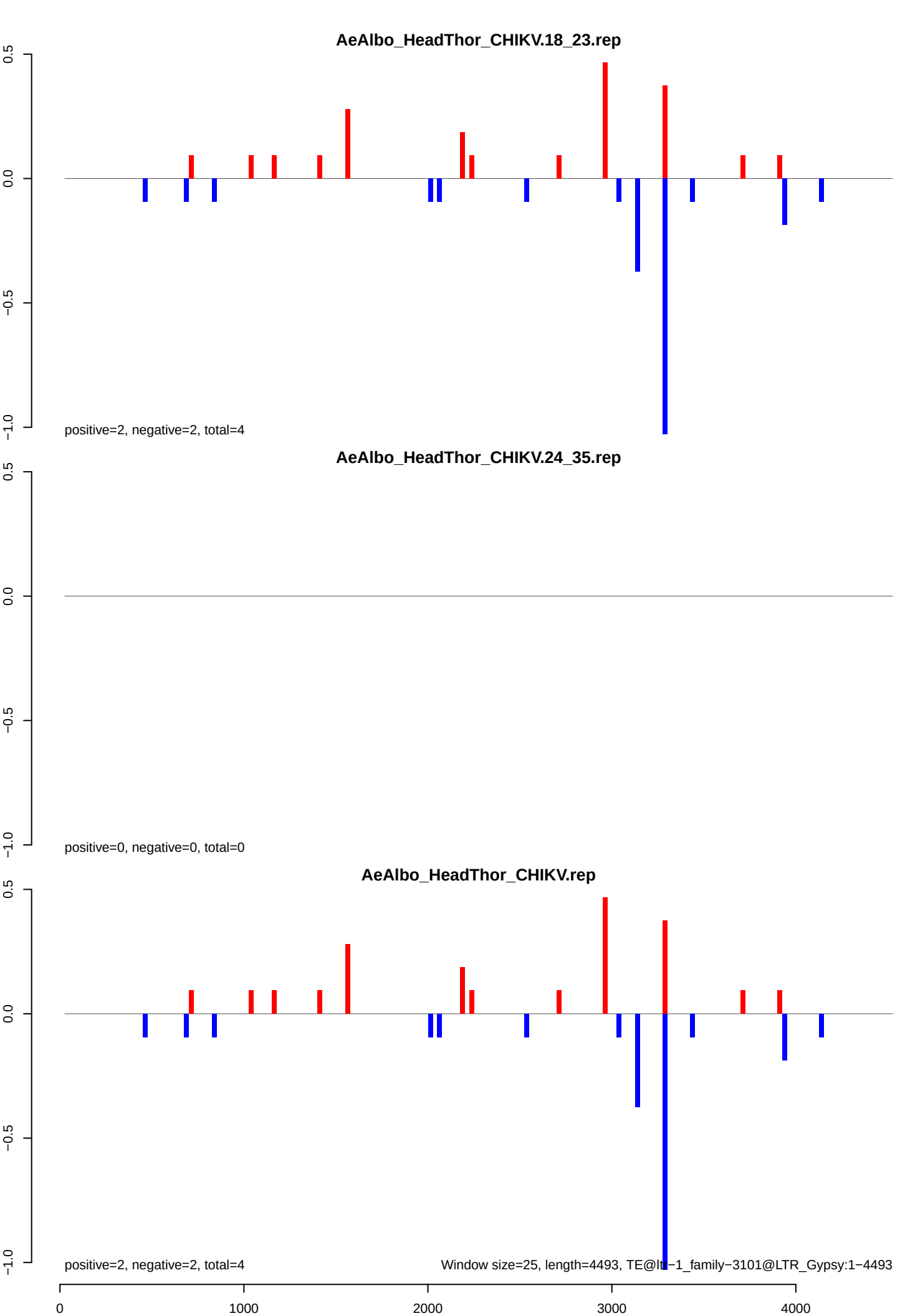

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
10
12
positive=15, negative=2, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
10
12
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
10
12
positive=15, negative=2, total=16
Window size=25, length=4792, TE@ltr−1_family−3732@LTR_Pao:1−4792
0
1000
2000
3000
4000
5000

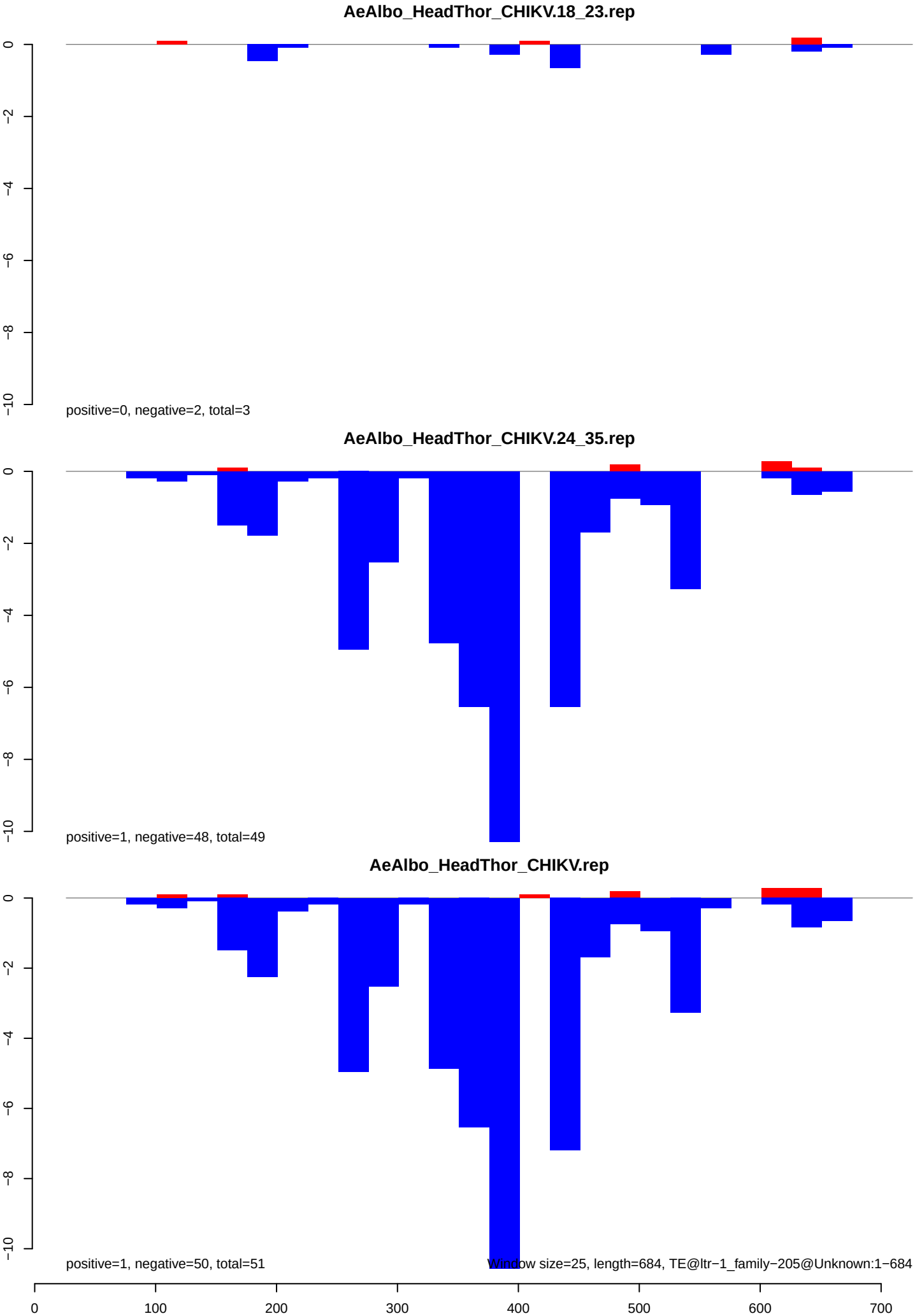

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=23, total=23
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=24, total=25
Window size=25, length=1682, TE@ltr−1_family−3643@LTR_Gypsy:1−1682
0
500
1000
1500

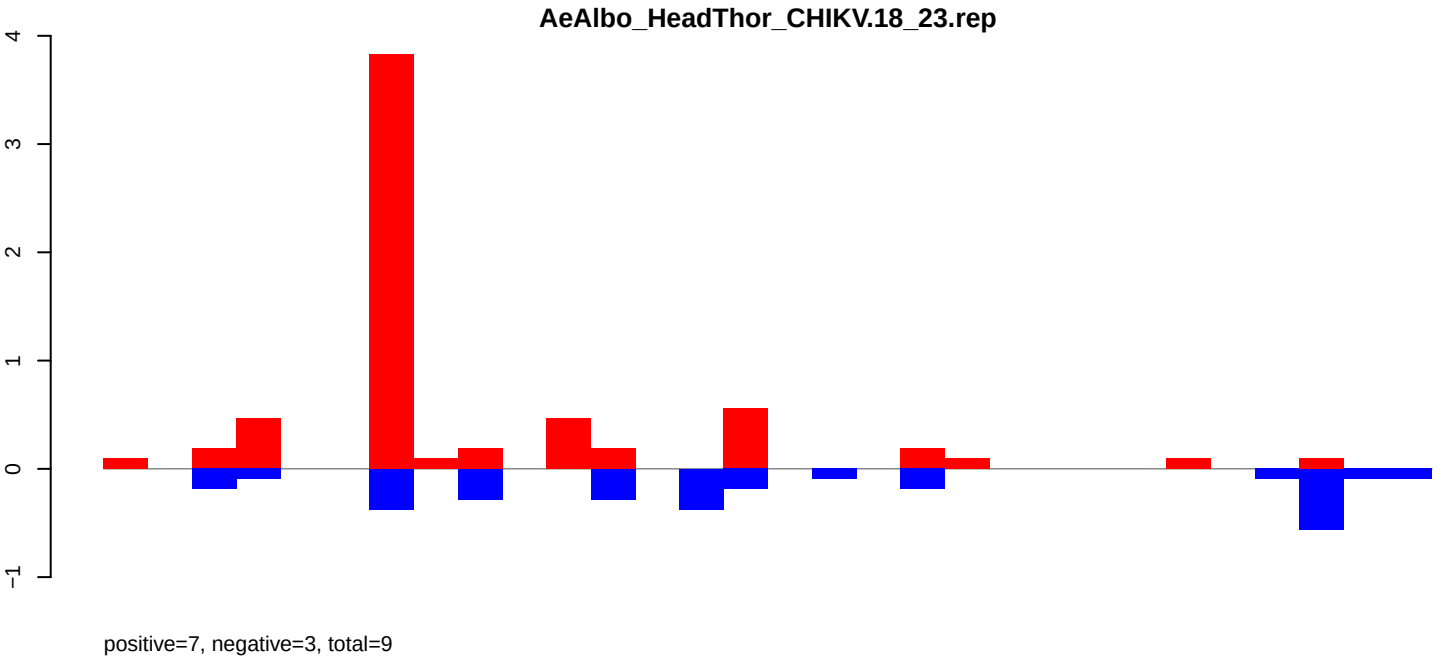

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=5, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=10, total=15
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=15, total=26
Window size=25, length=1830, TE@ltr−1_family−3523@SINE_tRNA:1−1830
0
500
1000
1500

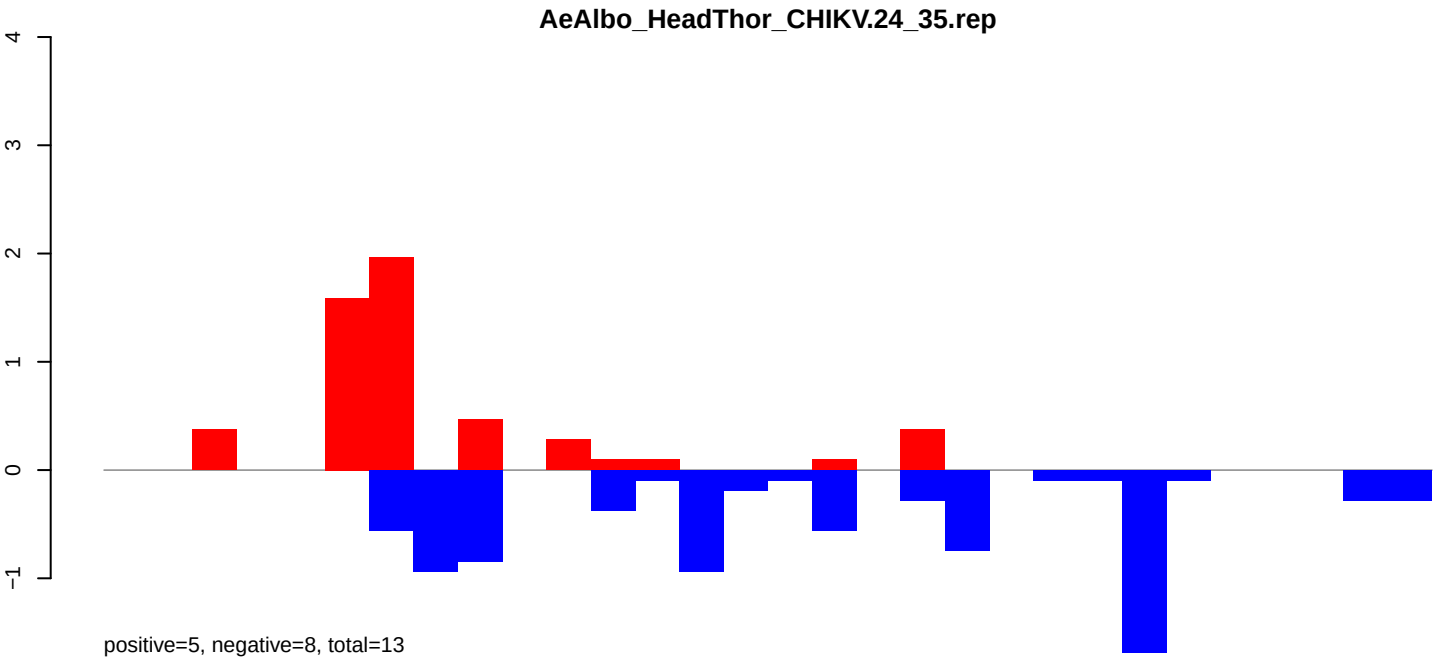

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=3469, TE@ltr−1_family−3160@LTR_Gypsy:1−3469
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
500
1000
1500
2000
2500
3000
3500

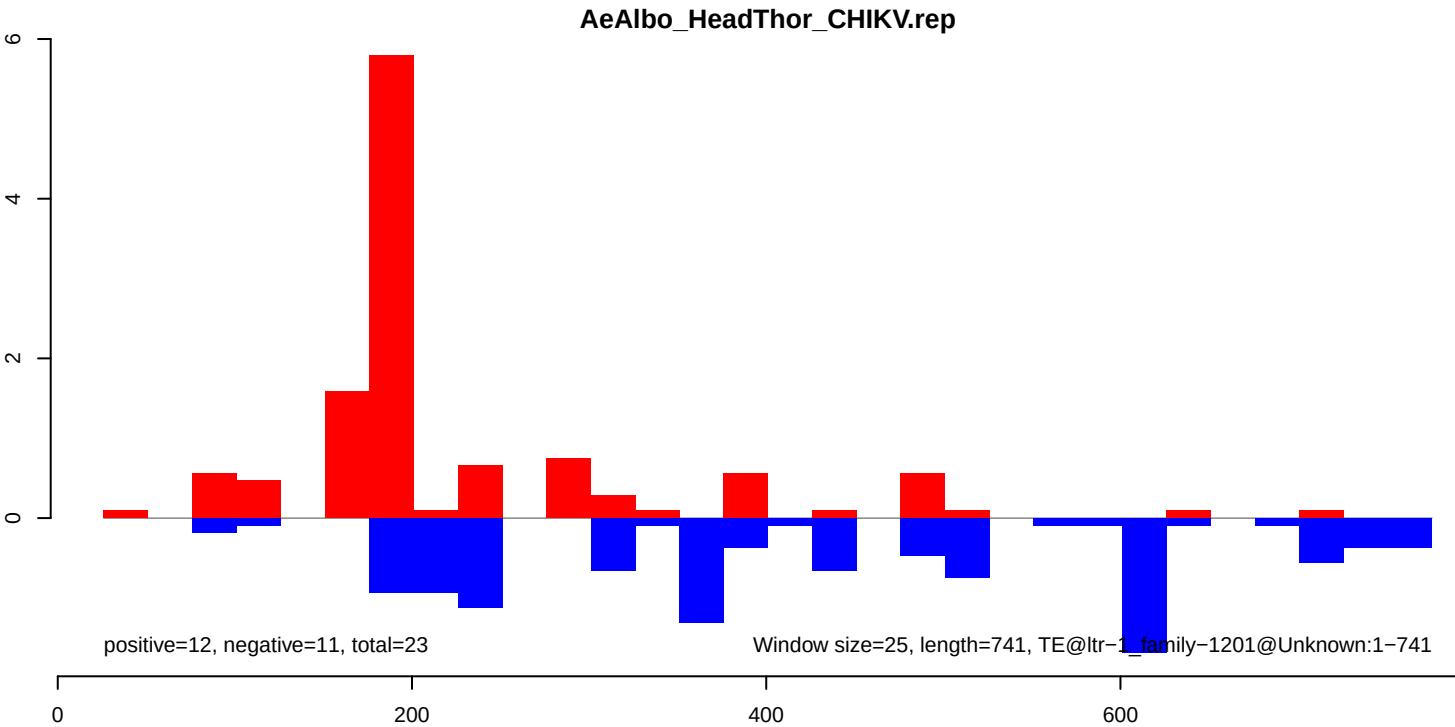

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
Window size=25, length=2249, TE@ltr−1_family−3143@Unknown:1−2249
0
500
1000
1500
2000

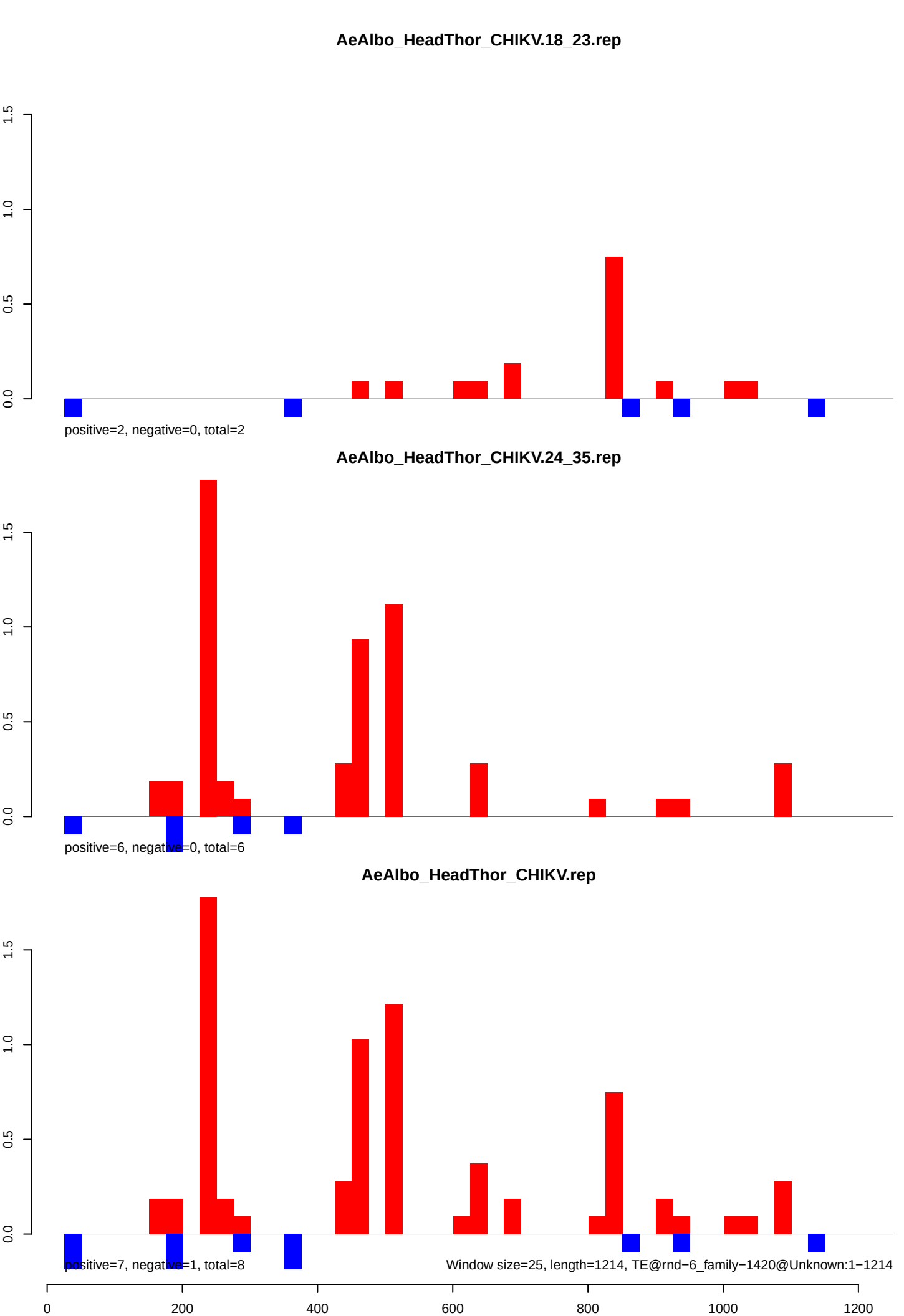

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4
Window size=25, length=4493, TE@lt−1_family−3101@LTR_Gypsy:1−4493
0
1000
2000
3000
4000

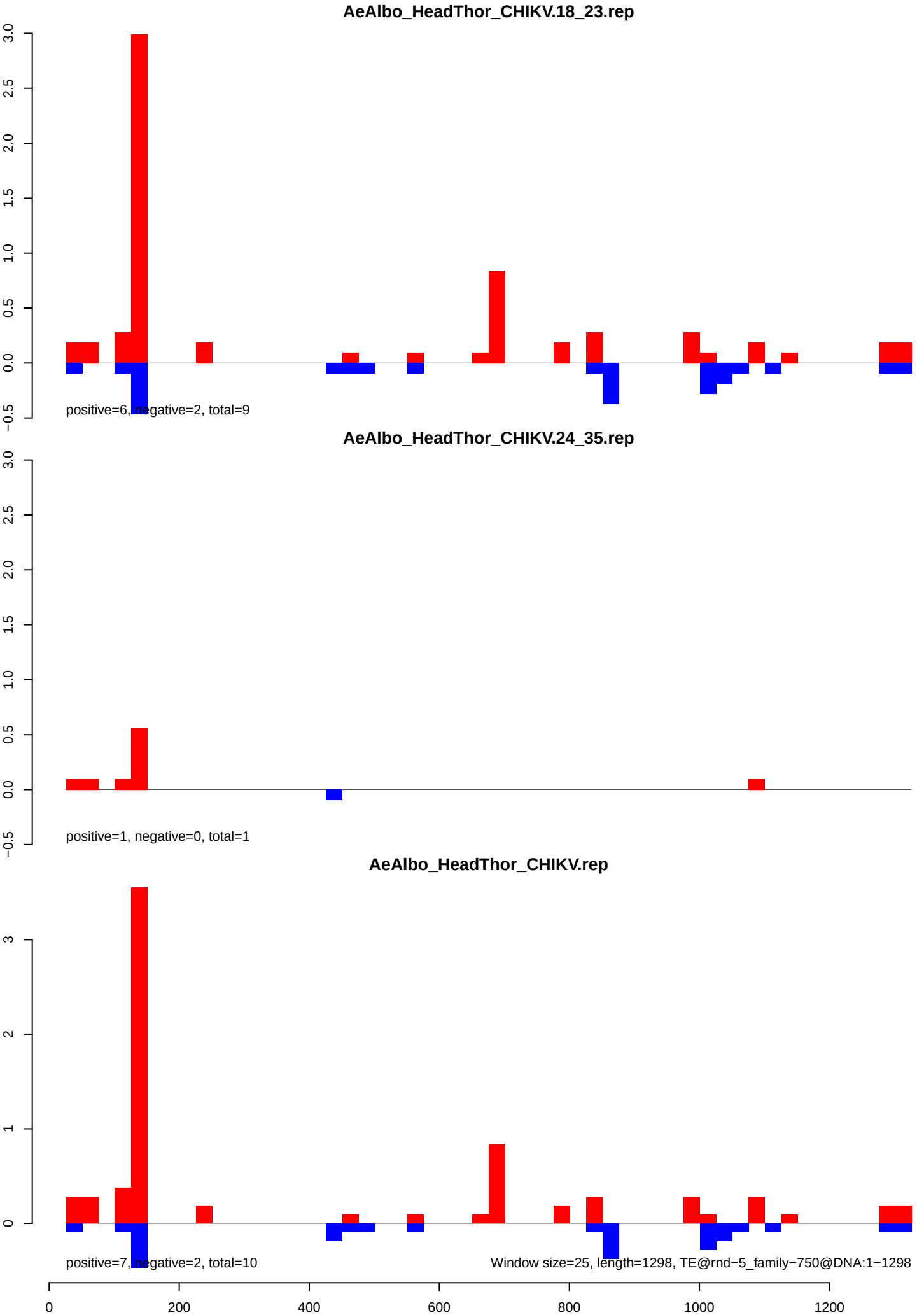

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
positive=0, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=48, total=49
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=50, total=51
Window size=25, length=684, TE@ltr−1_family−205@Unknown:1−684
0
100
200
300
400
500
600
700

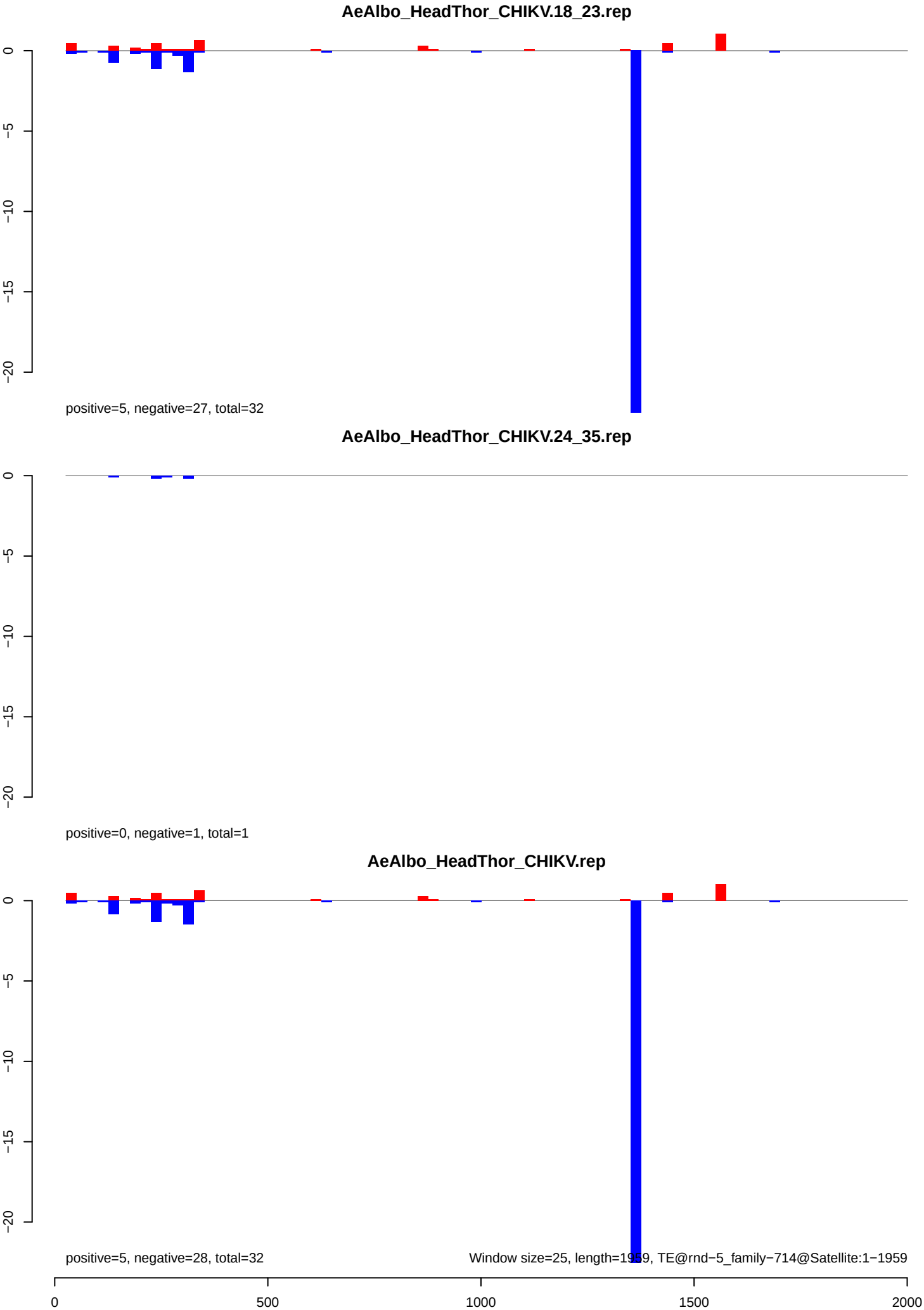

AeAlbo_HeadThor_CHIKV.18_23.rep
4
3
2
1
0
−1
positive=7, negative=3, total=9

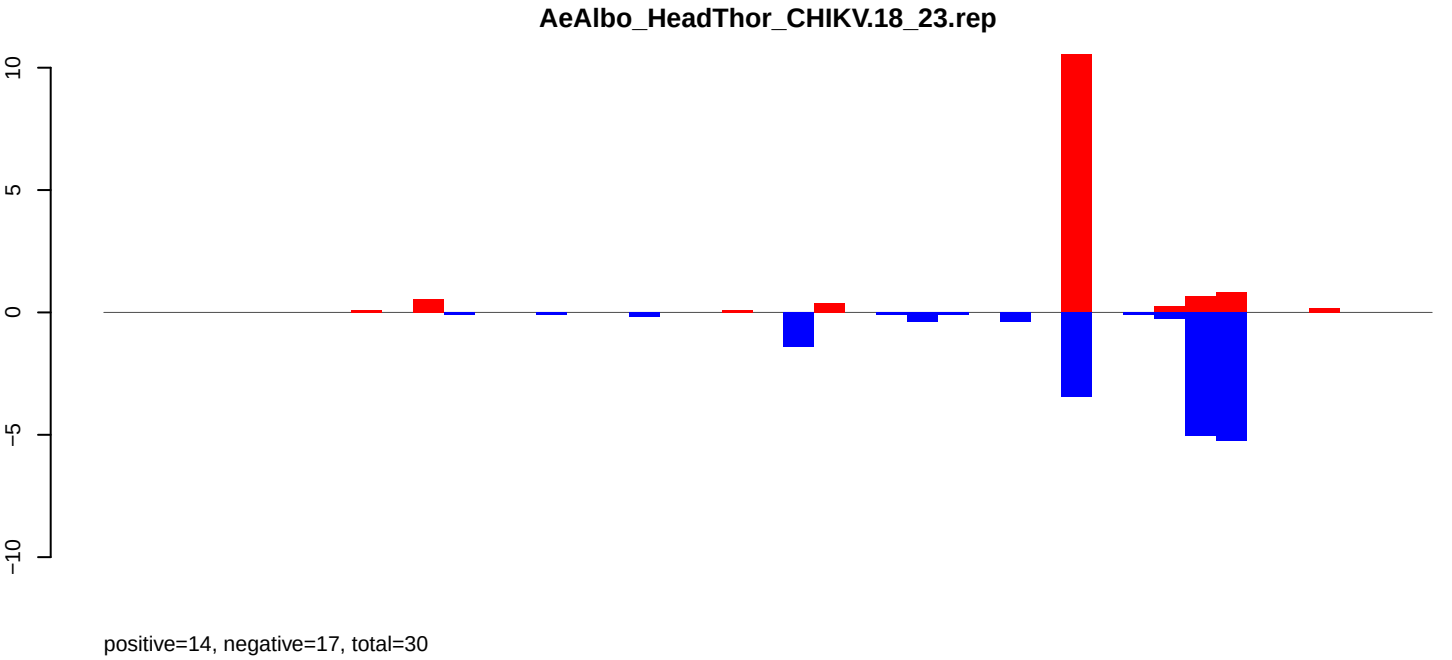

AeAlbo_HeadThor_CHIKV.24_35.rep
4
3
2
1
0
−1
positive=5, negative=8, total=13

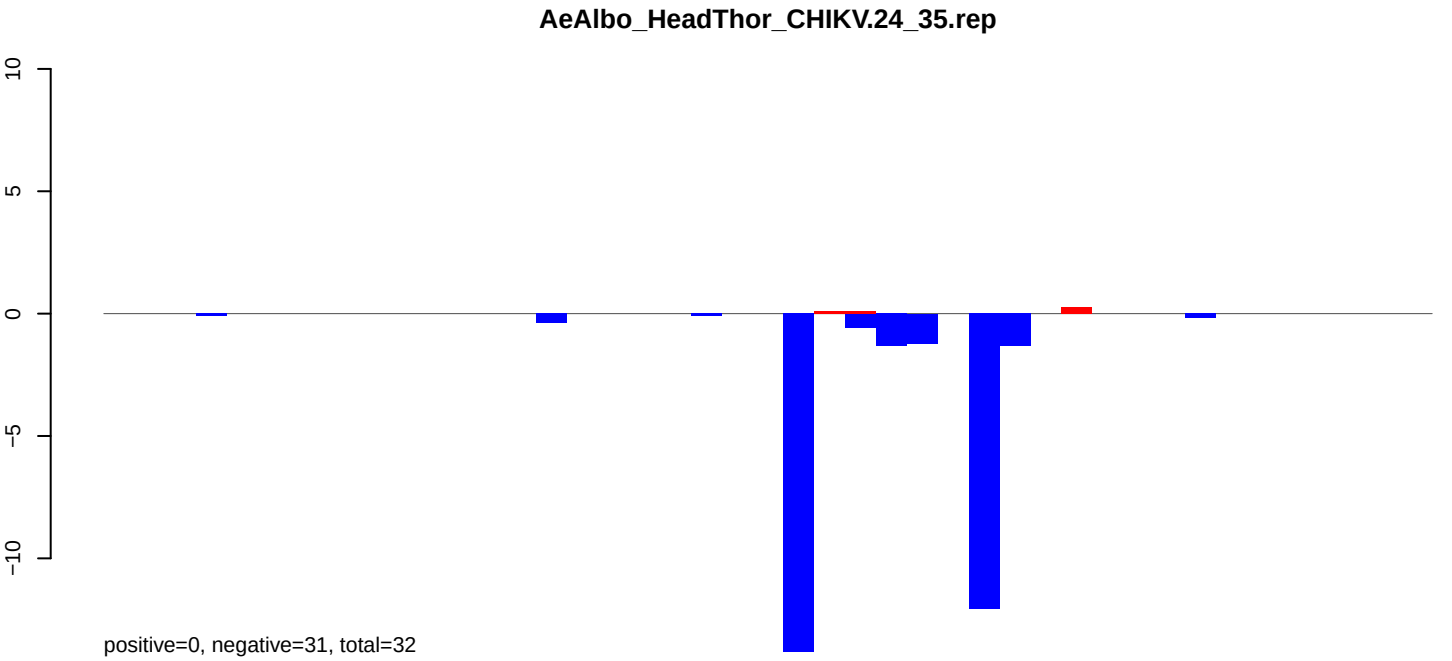

AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
positive=12, negative=11, total=23
Window size=25, length=741, TE@ltr−1_family−1201@Unknown:1−741
0
200
400
600
800

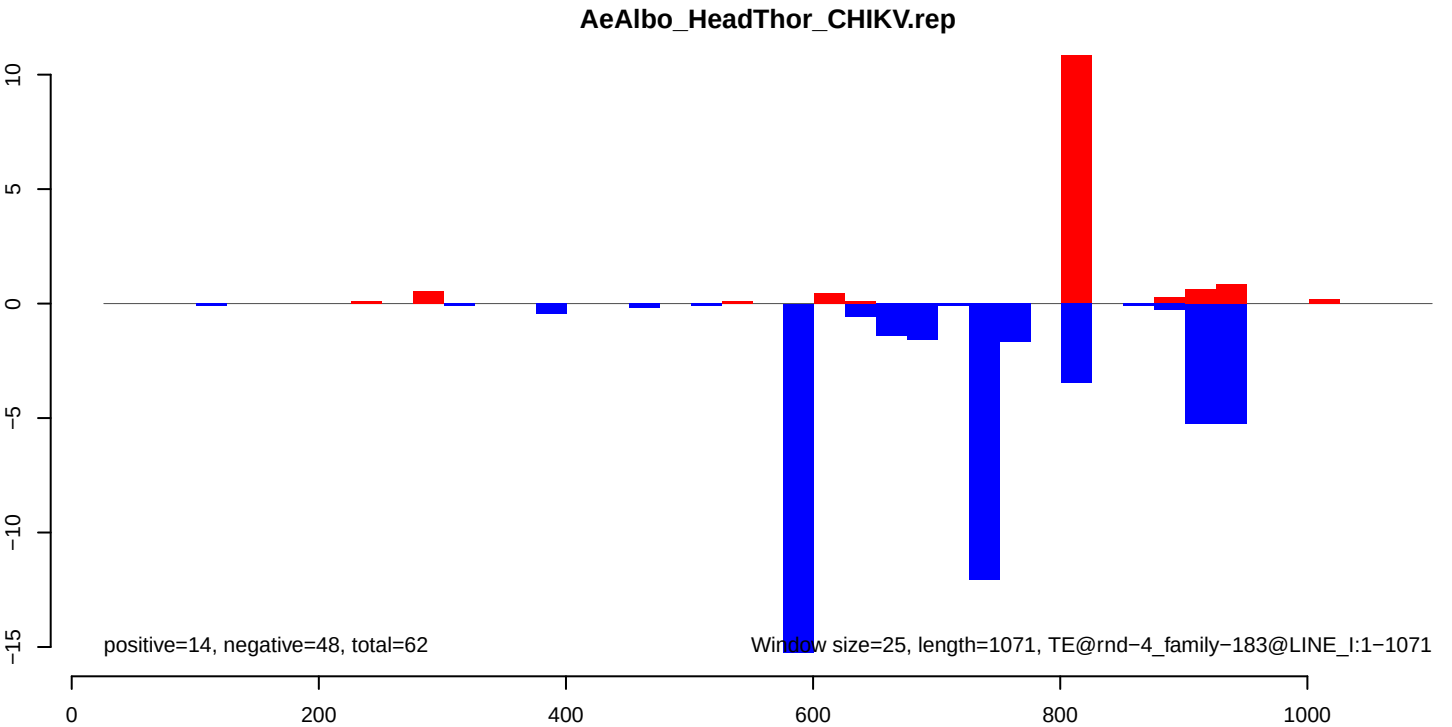

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
positive=6, negative=0, total=6
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
positive=7, negative=1, total=8
Window size=25, length=1214, TE@rnd−6_family−1420@Unknown:1−1214
0
200
400
600
800
1000
1200

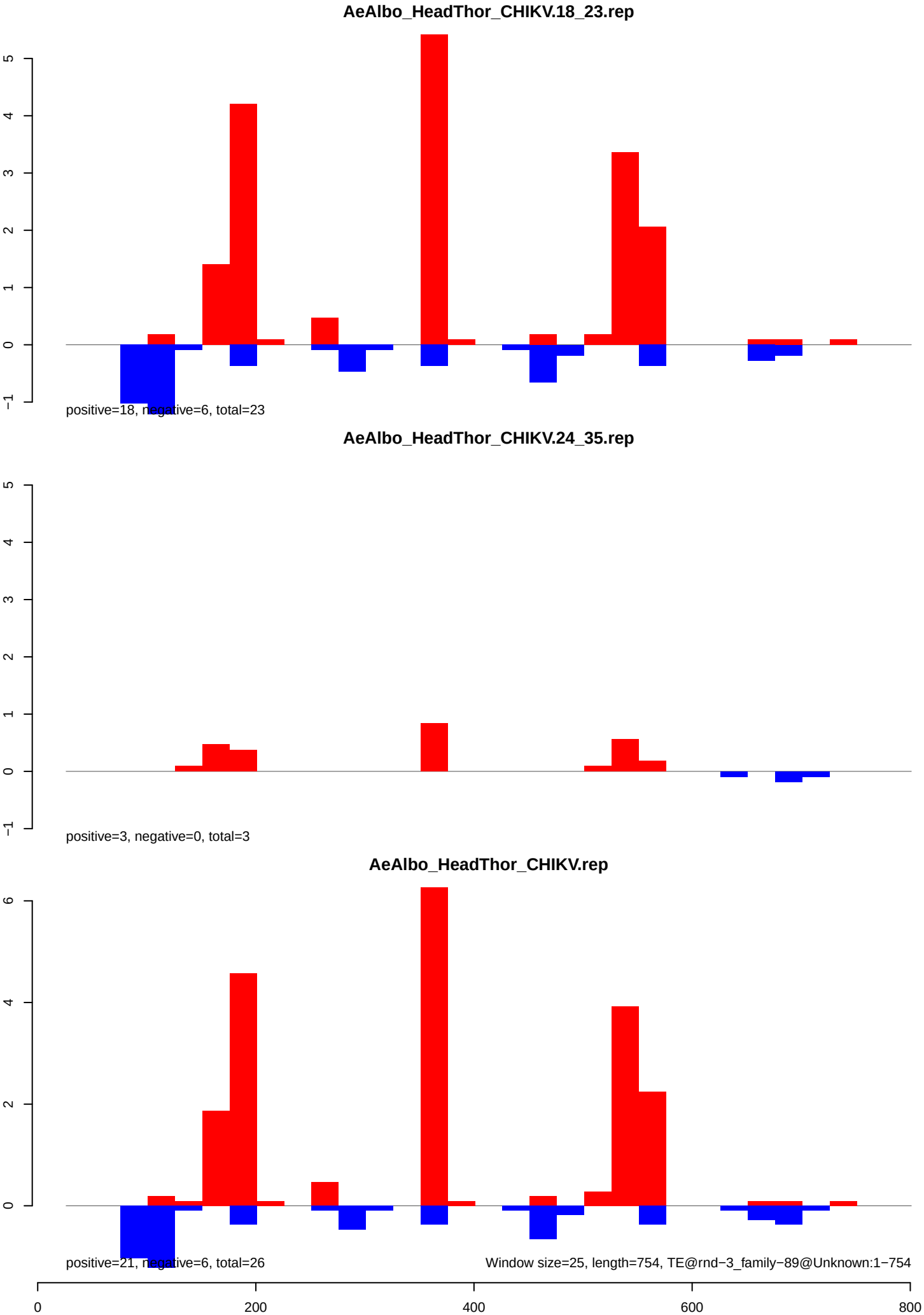

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=2, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=2, total=10
Window size=25, length=1298, TE@rnd−5_family−750@DNA:1−1298
0
200
400
600
800
1000
1200

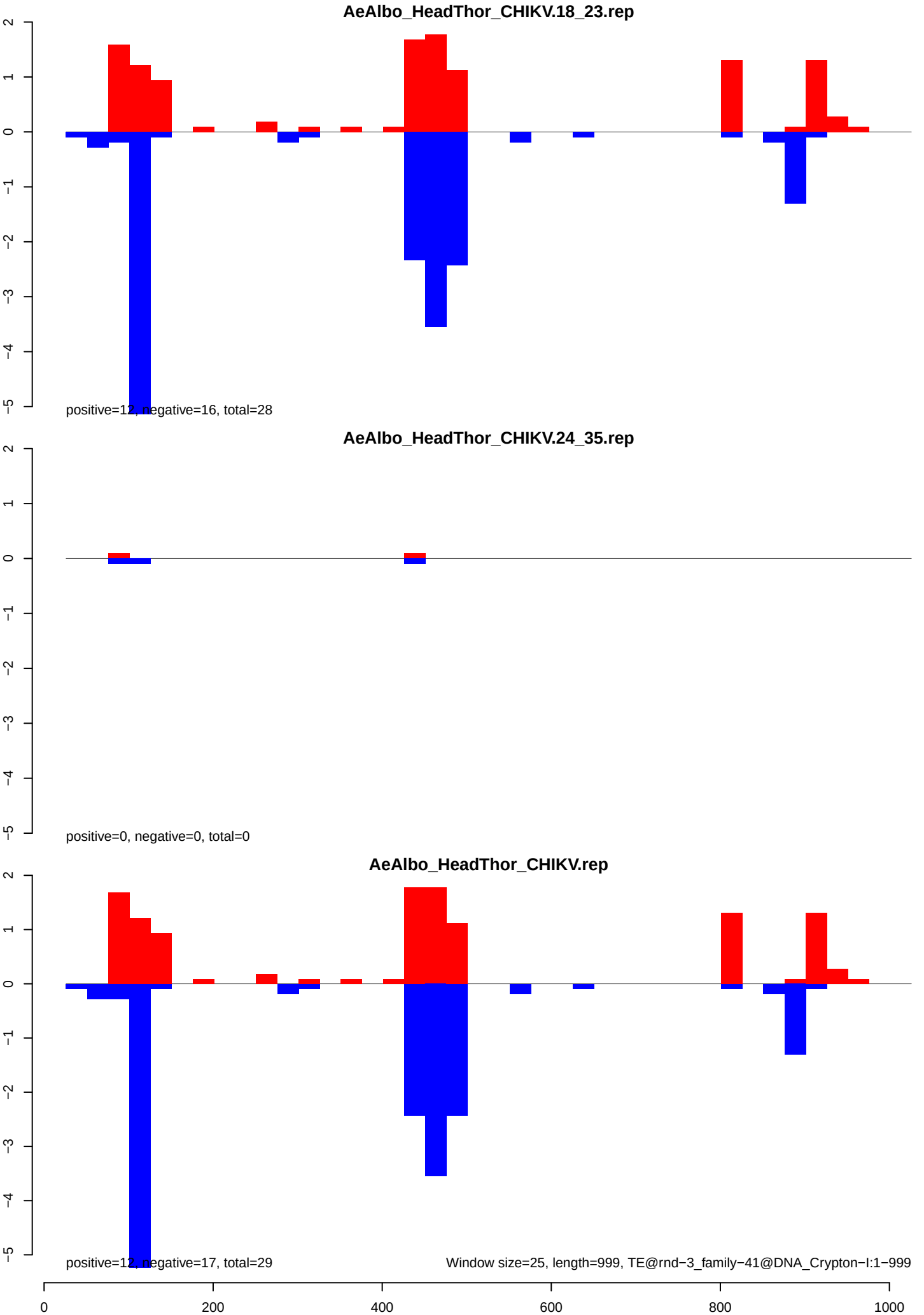

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=5, negative=27, total=32
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=5, negative=28, total=32
Window size=25, length=1959, TE@rnd−5_family−714@Satellite:1−1959
0
500
1000
1500
2000

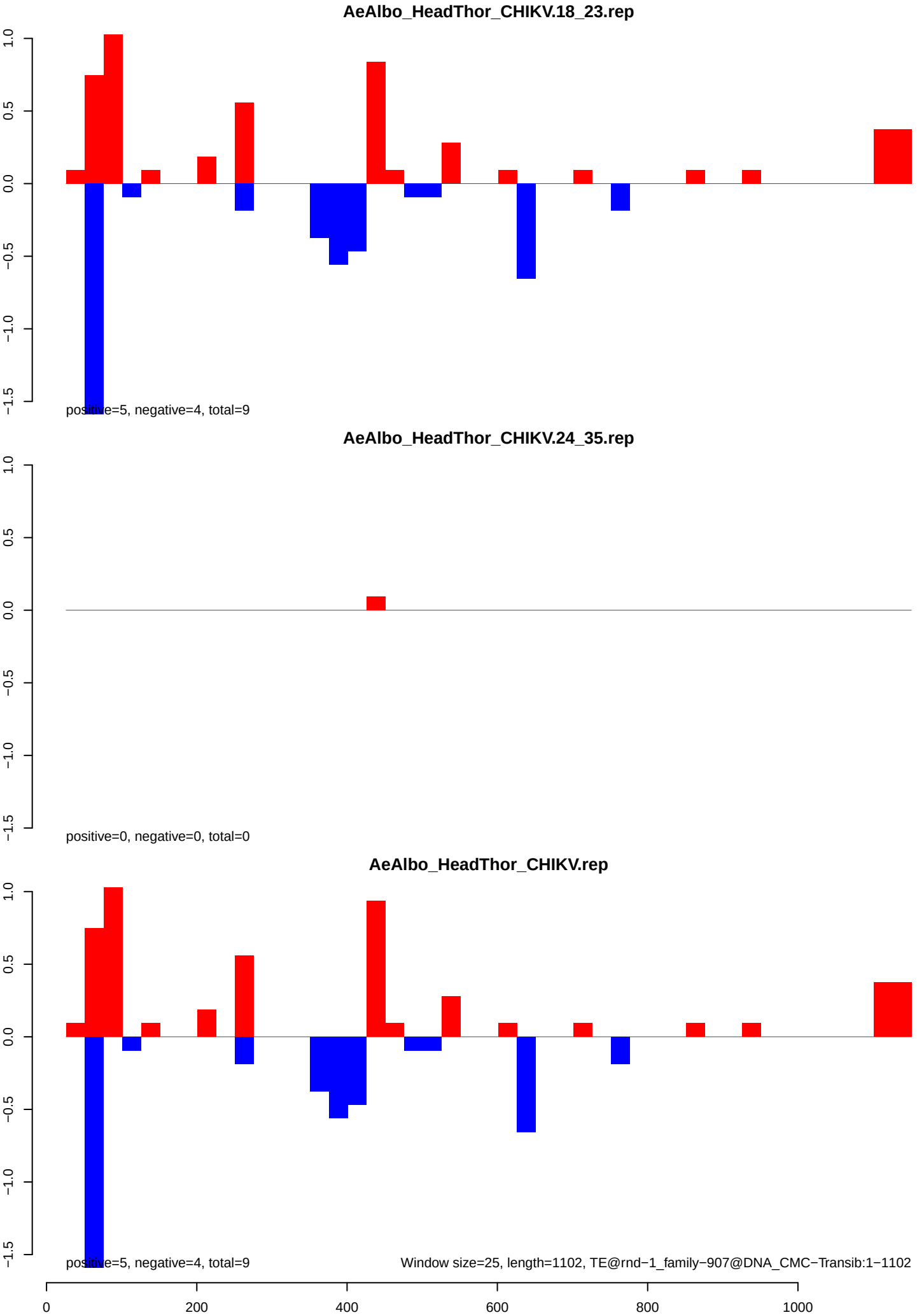

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
−10
positive=14, negative=17, total=30

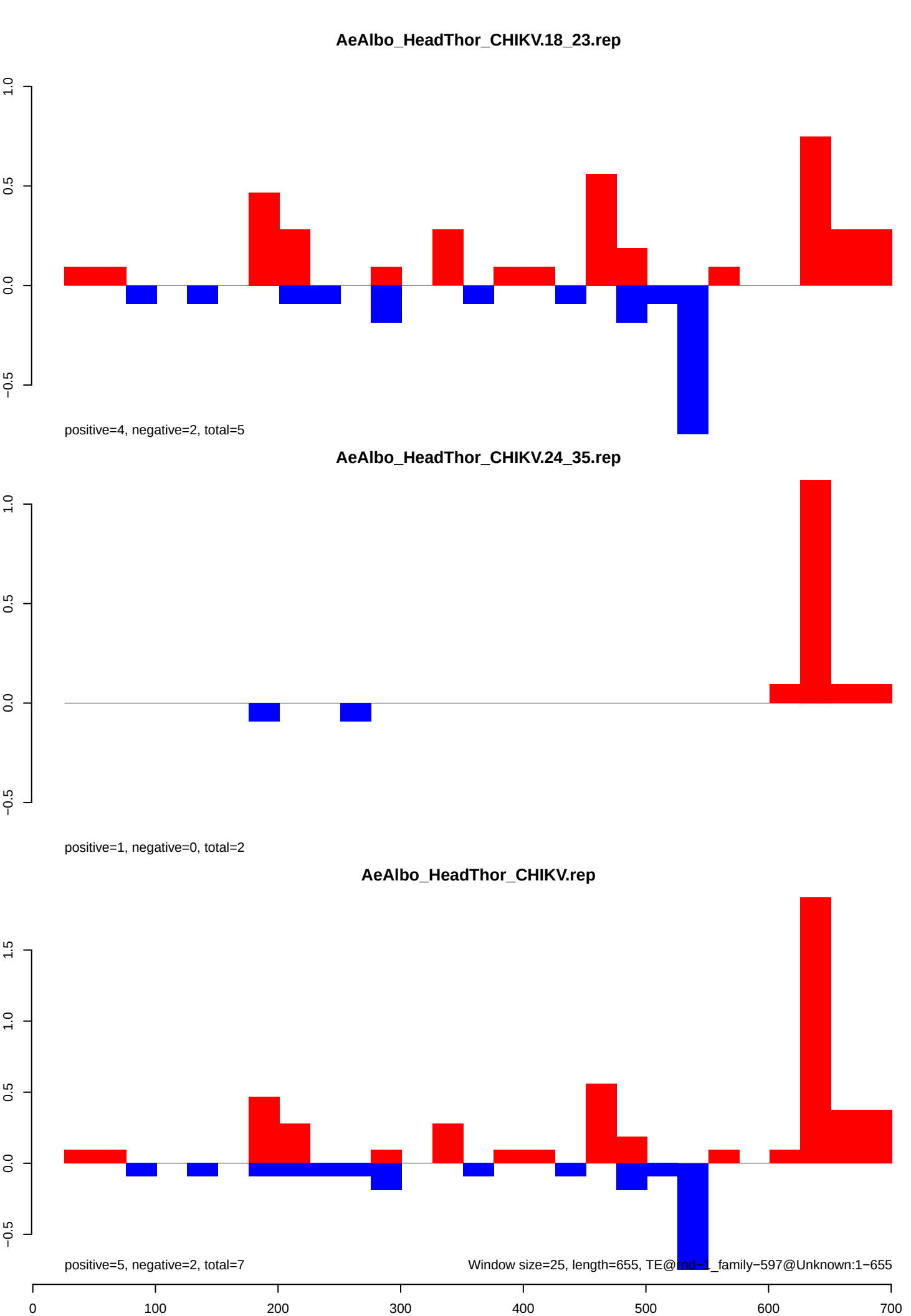

AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
−10
positive=0, negative=31, total=32

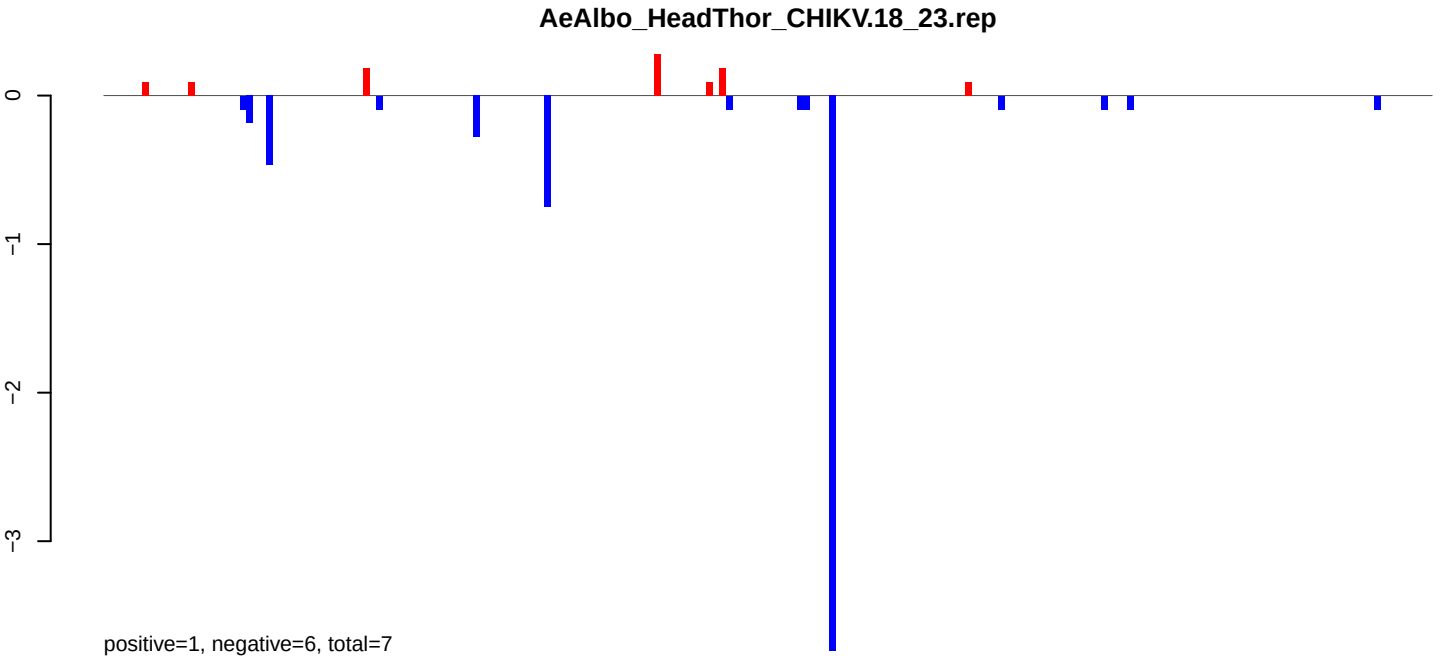

AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
−10
−15
positive=14, negative=48, total=62
Window size=25, length=1071, TE@rnd−4_family−183@LINE_I:1−1071
0
200
400
600
800
1000

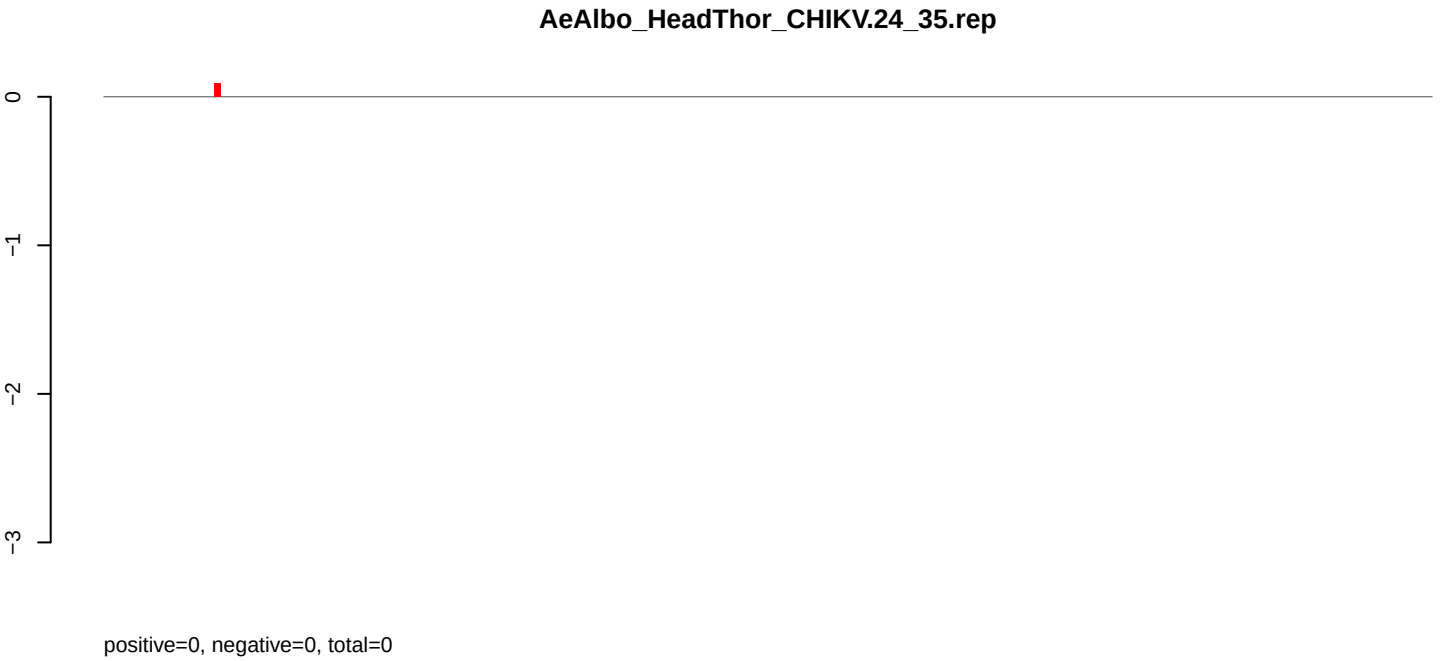

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=18, negative=6, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=21, negative=6, total=26
Window size=25, length=754, TE@rnd−3_family−89@Unknown:1−754
0
200
400
600
800

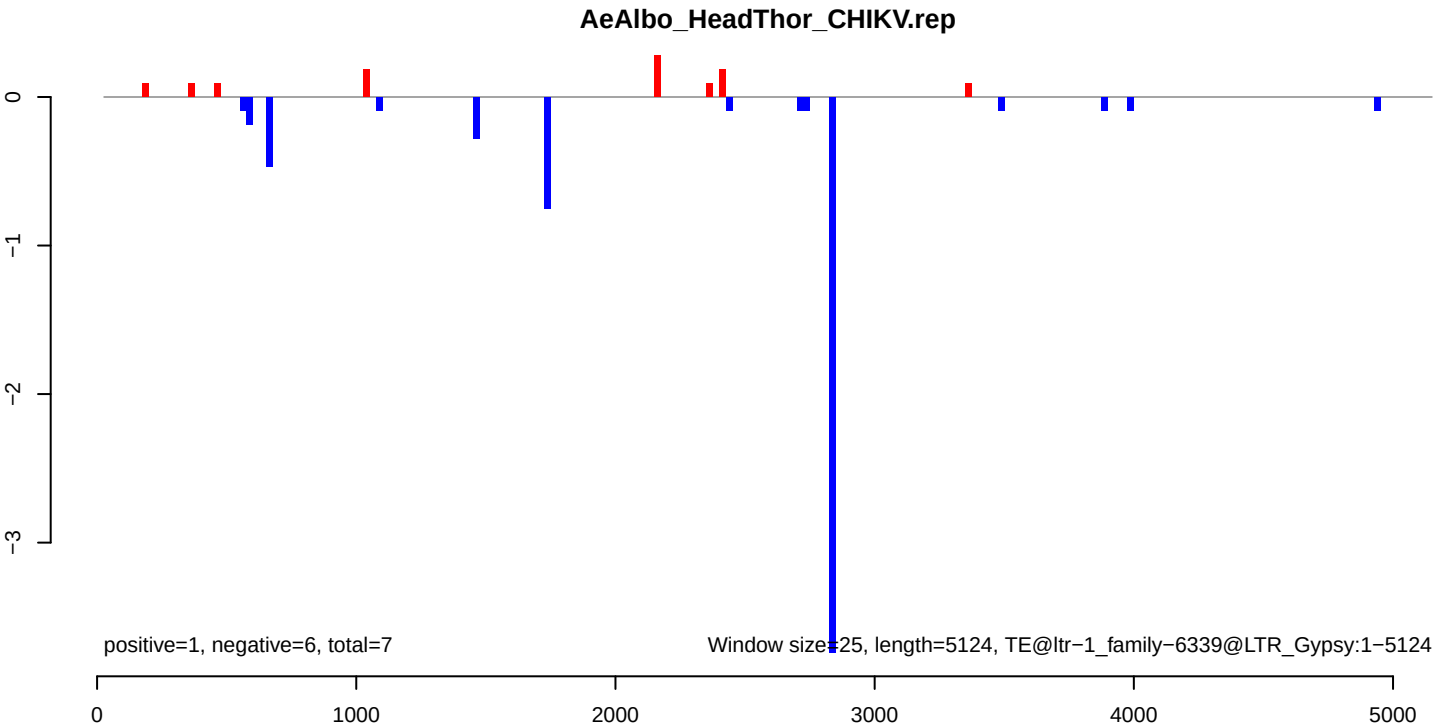

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=12, negative=16, total=28
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=12, negative=17, total=29
Window size=25, length=999, TE@rnd−3_family−41@DNA_Crypton−I:1−999
2
1
0
−1
−2
−3
−4
−5
0
200
400
600
800
1000

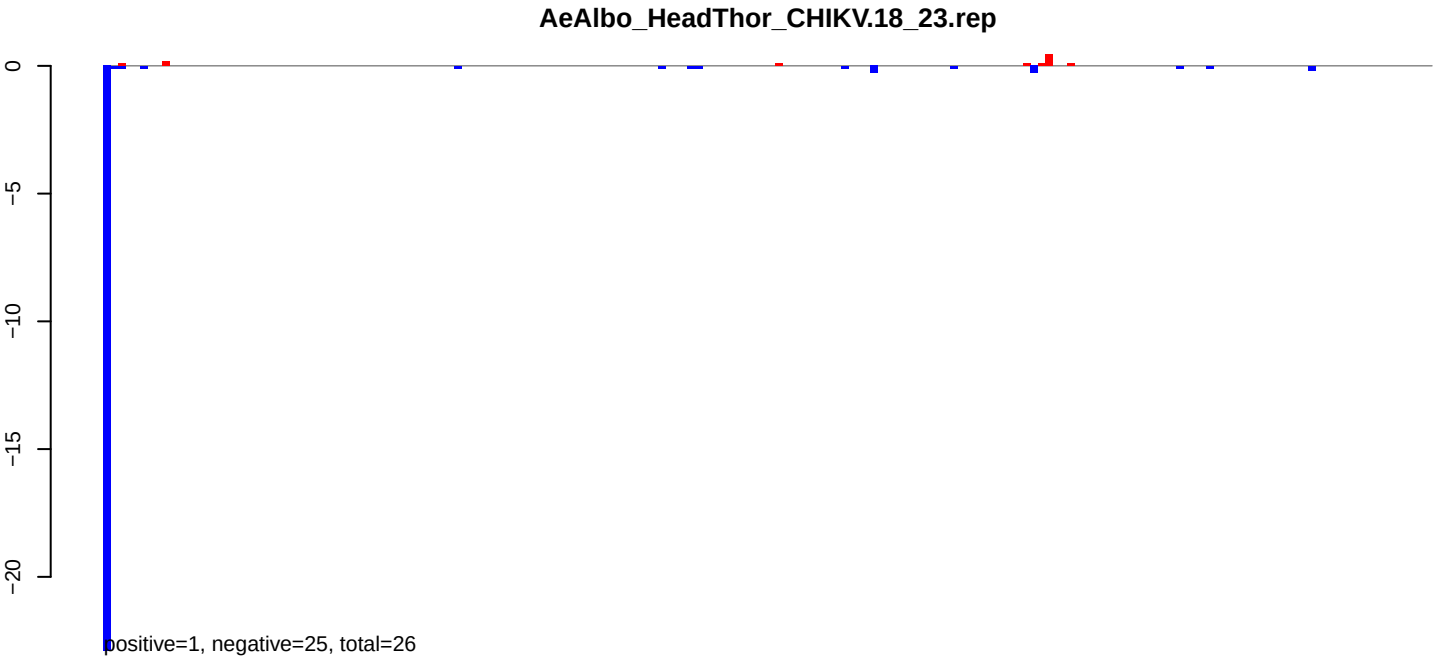

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=4, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=4, total=9
Window size=25, length=1102, TE@rnd−1_family−907@DNA_CMC−Transib:1−1102
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
200
400
600
800
1000

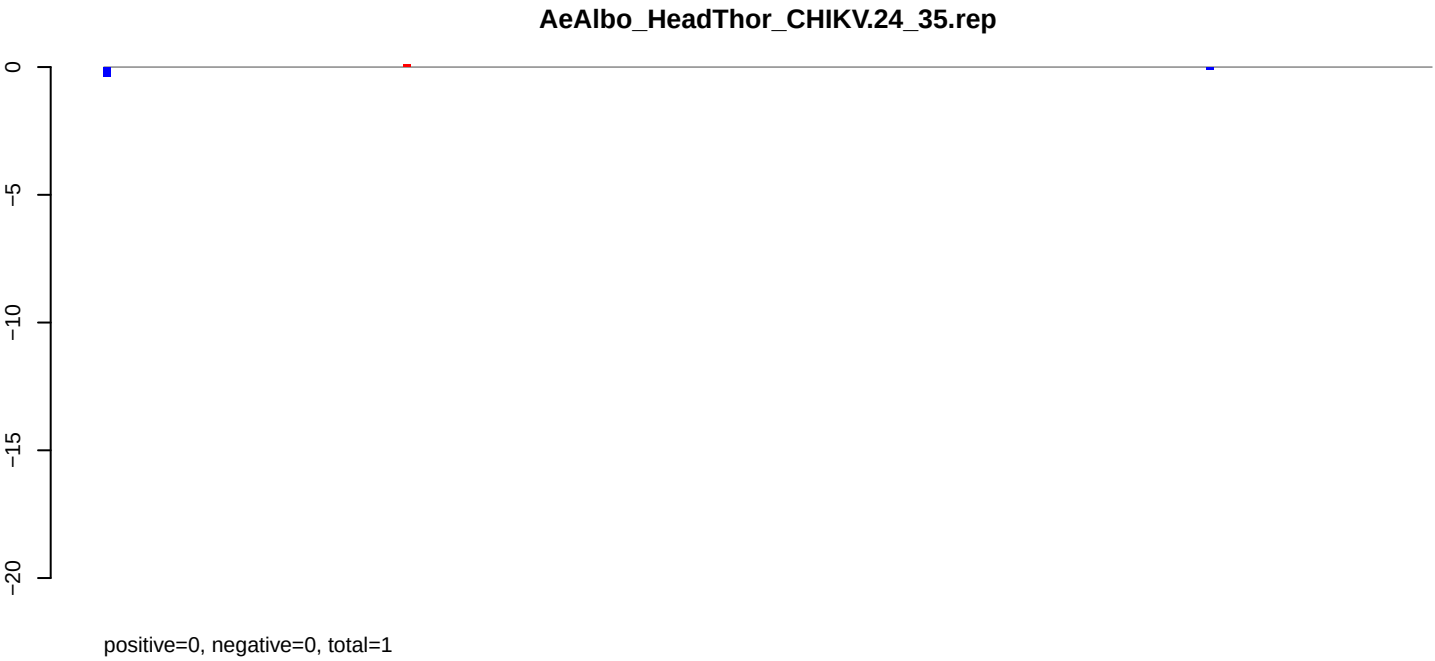

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=4, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=5, negative=2, total=7
Window size=25, length=655, TE@rnd−1_family−597@Unknown:1−655
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=1, negative=6, total=7

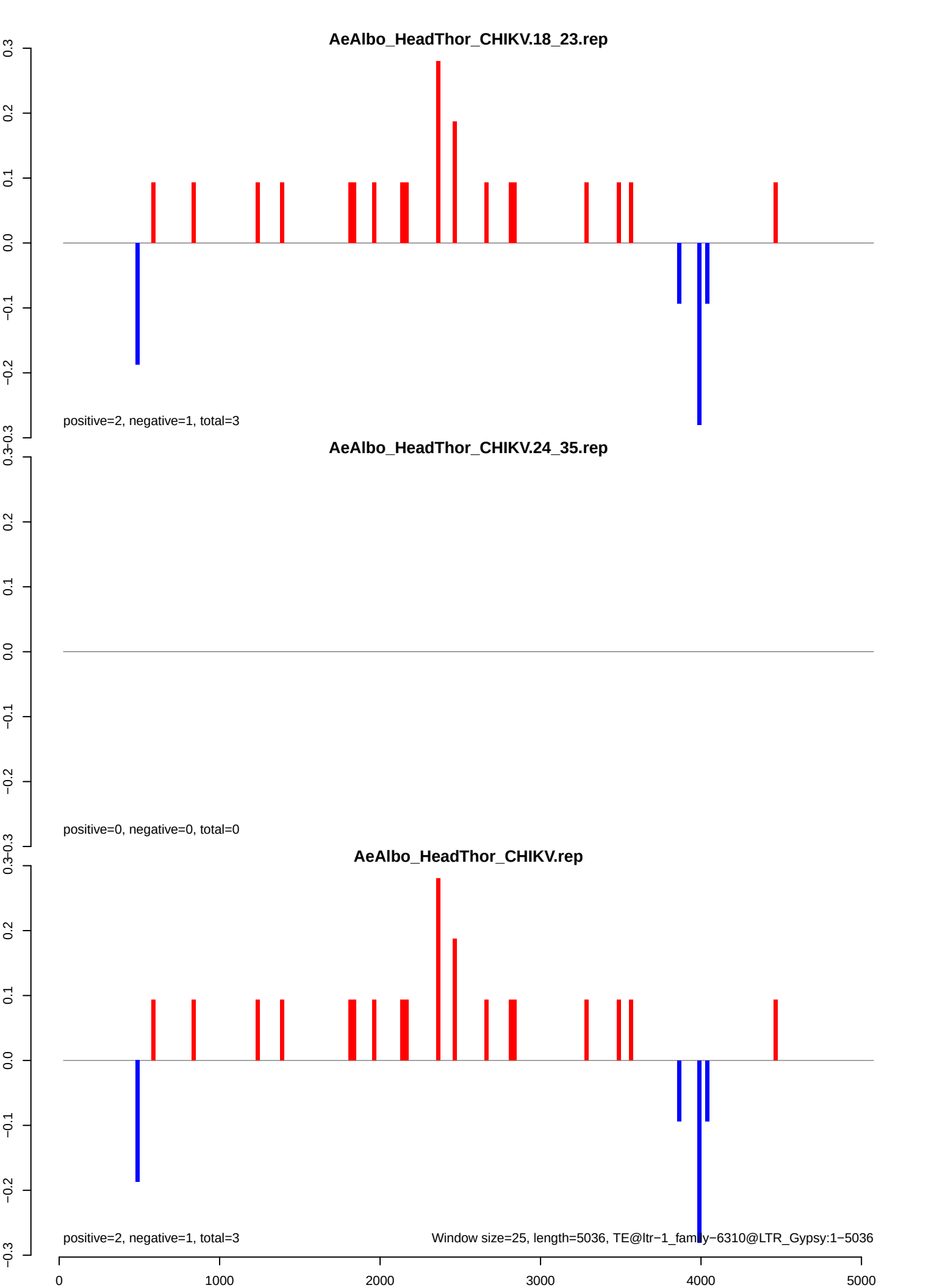

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0

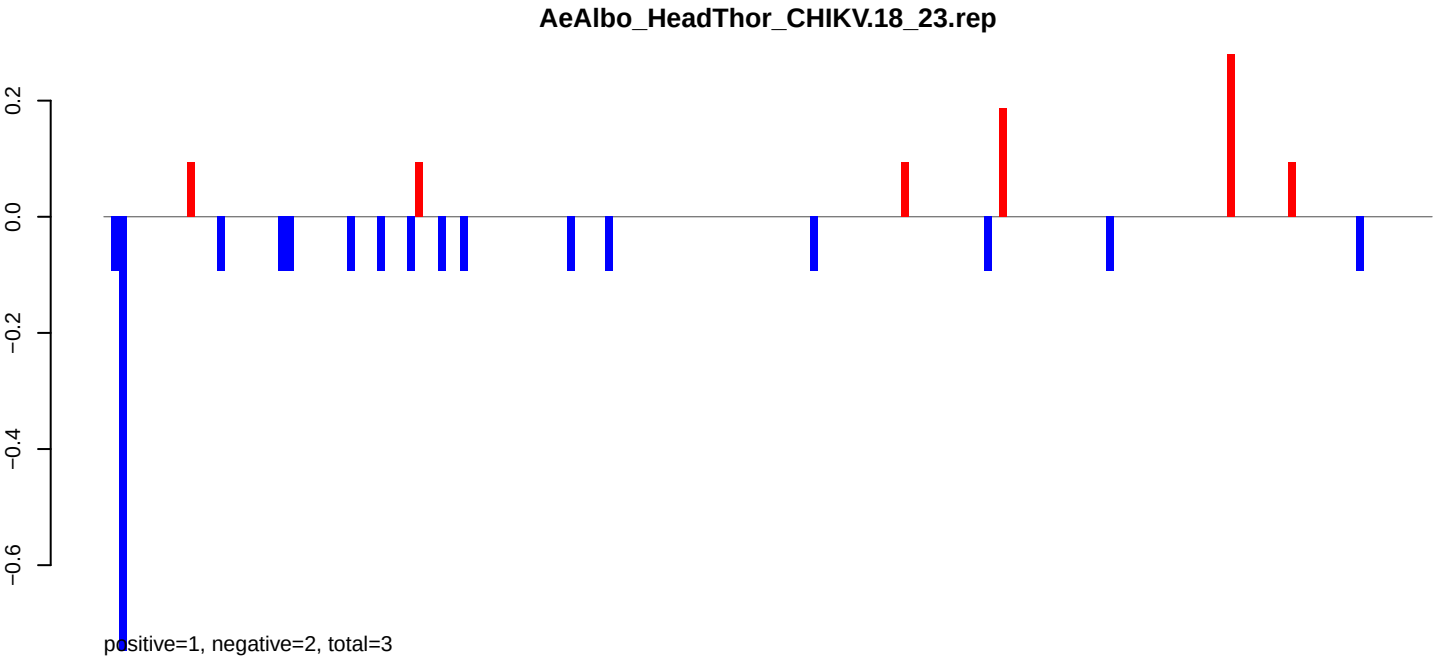

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=1, negative=6, total=7
Window size=25, length=5124, TE@ltr−1_family−6339@LTR_Gypsy:1−5124
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=25, total=26

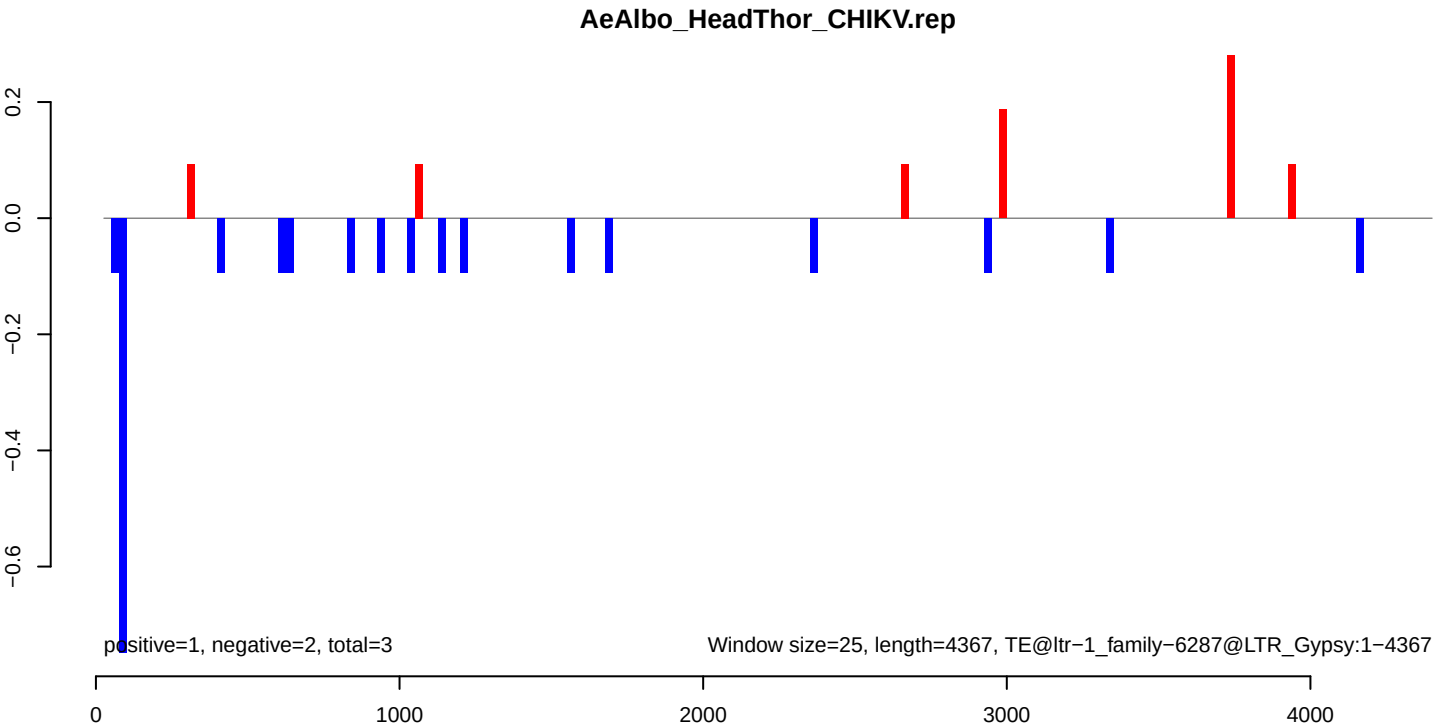

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=1

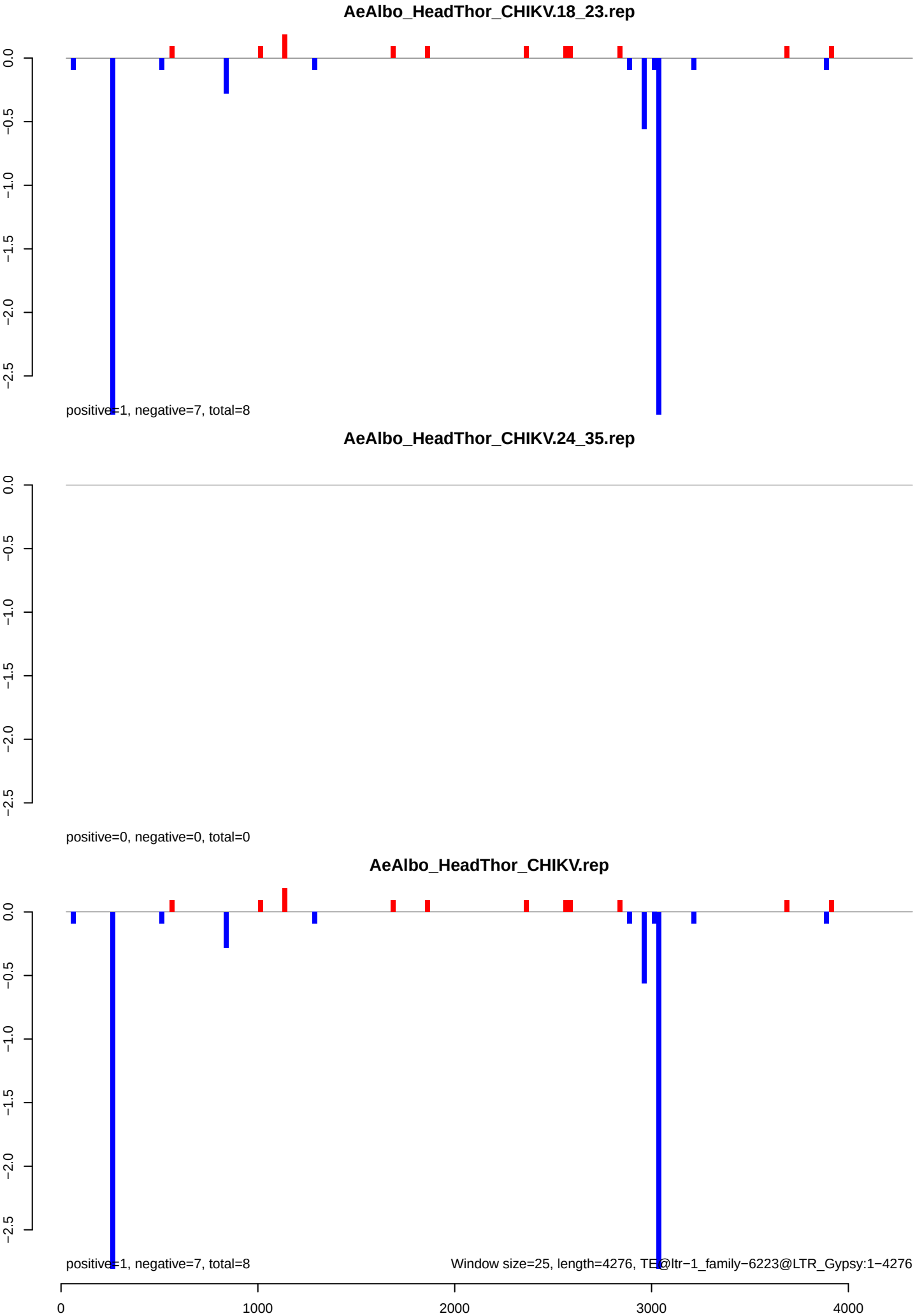
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=25, total=26
Window size=25, length=4527, TE@ltr−1_family−6326@LTR_Pao:1−4527
0
1000
2000
3000
4000

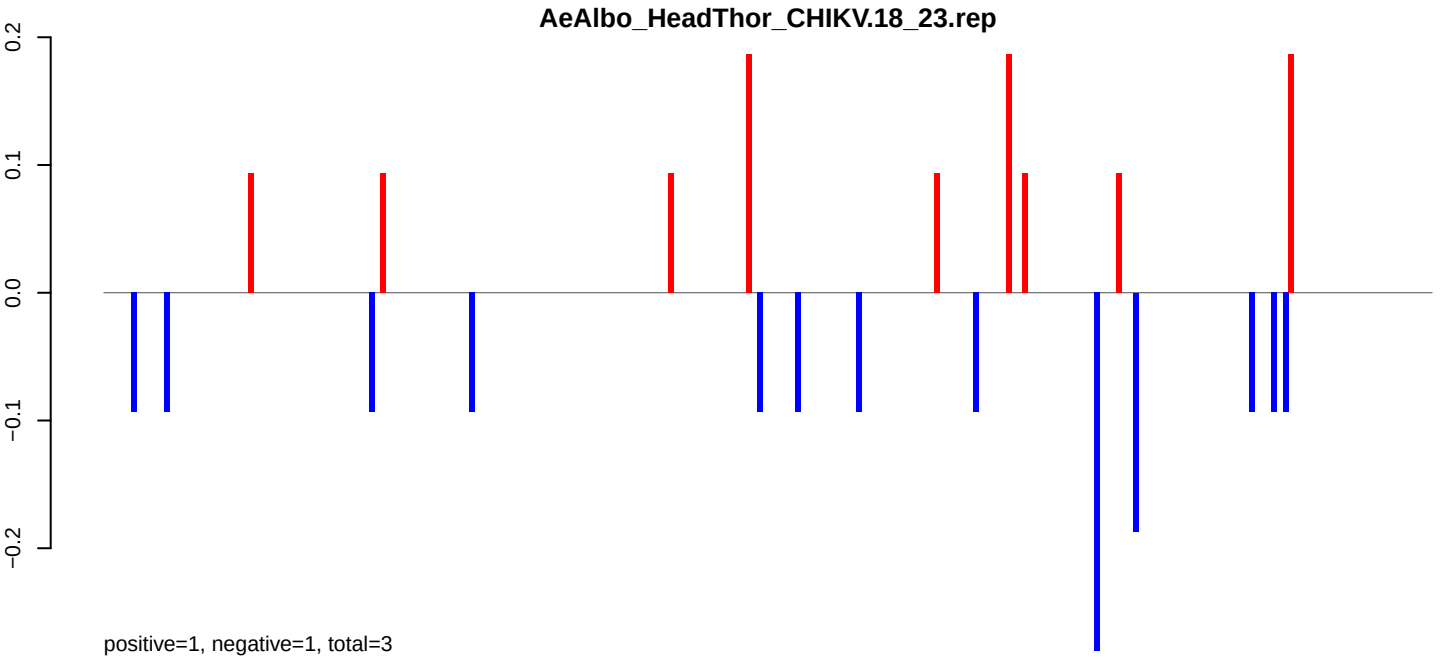

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=5036, TE@ltr−1_family−6310@LTR_Gypsy:1−5036
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3

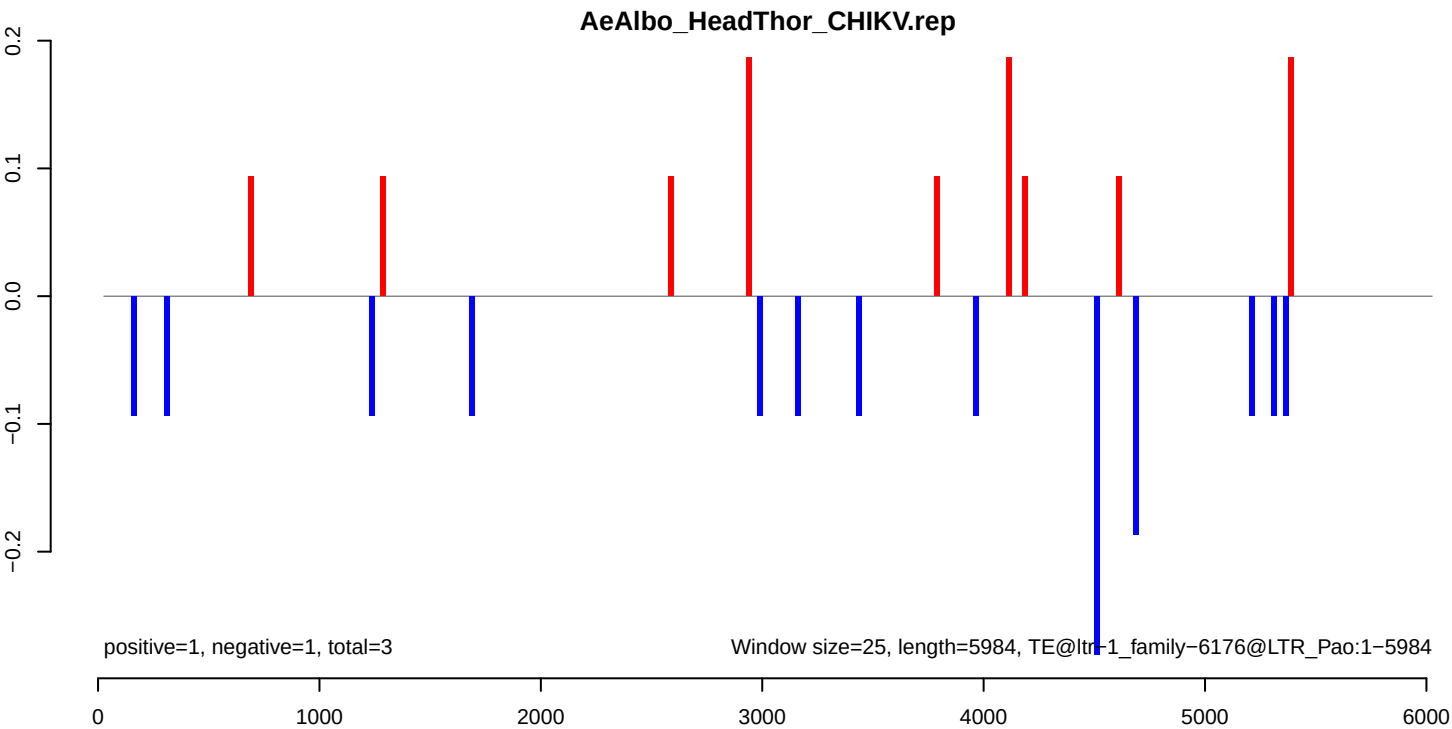
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

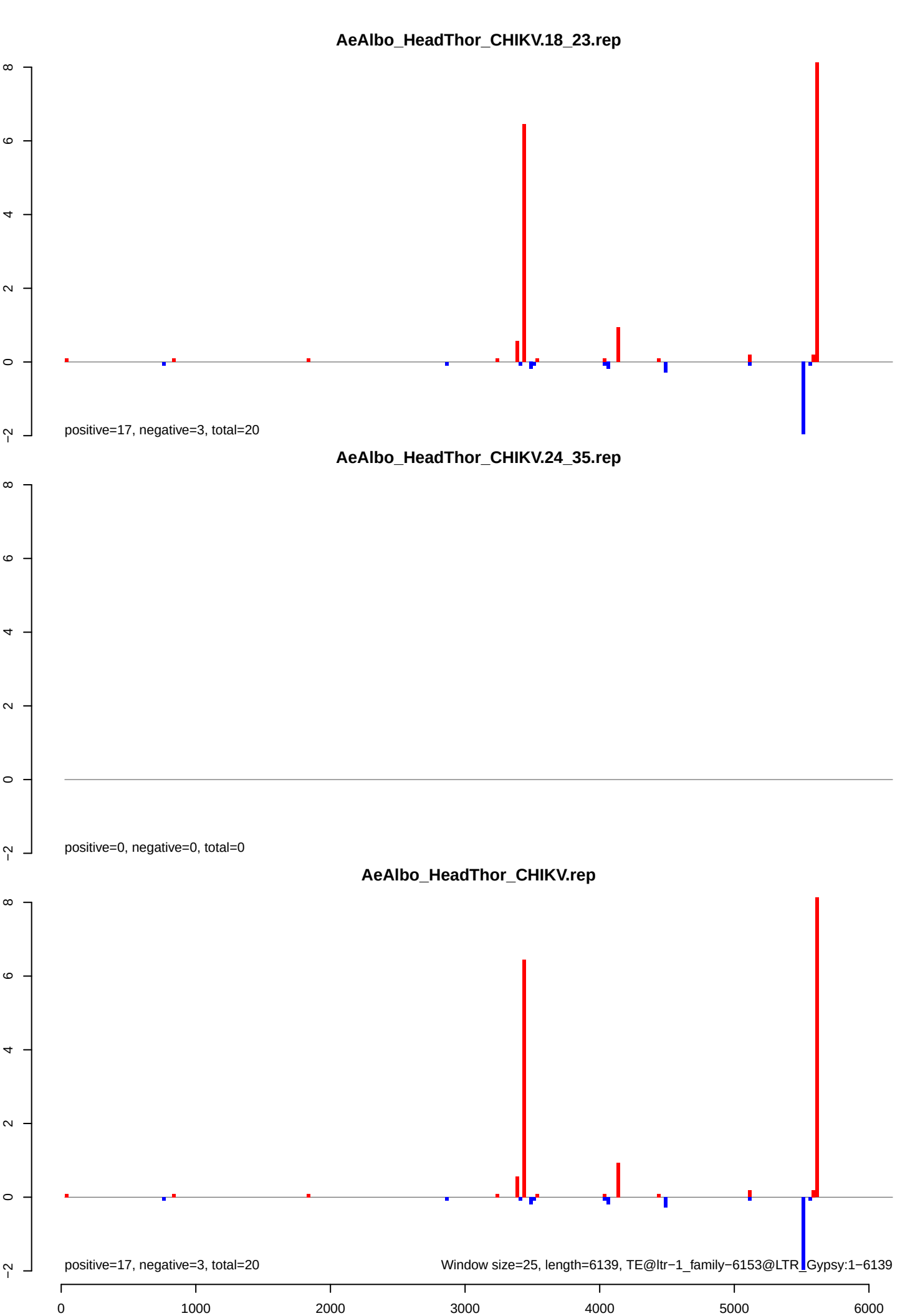

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
Window size=25, length=4367, TE@ltr−1_family−6287@LTR_Gypsy:1−4367
0
1000
2000
3000
4000

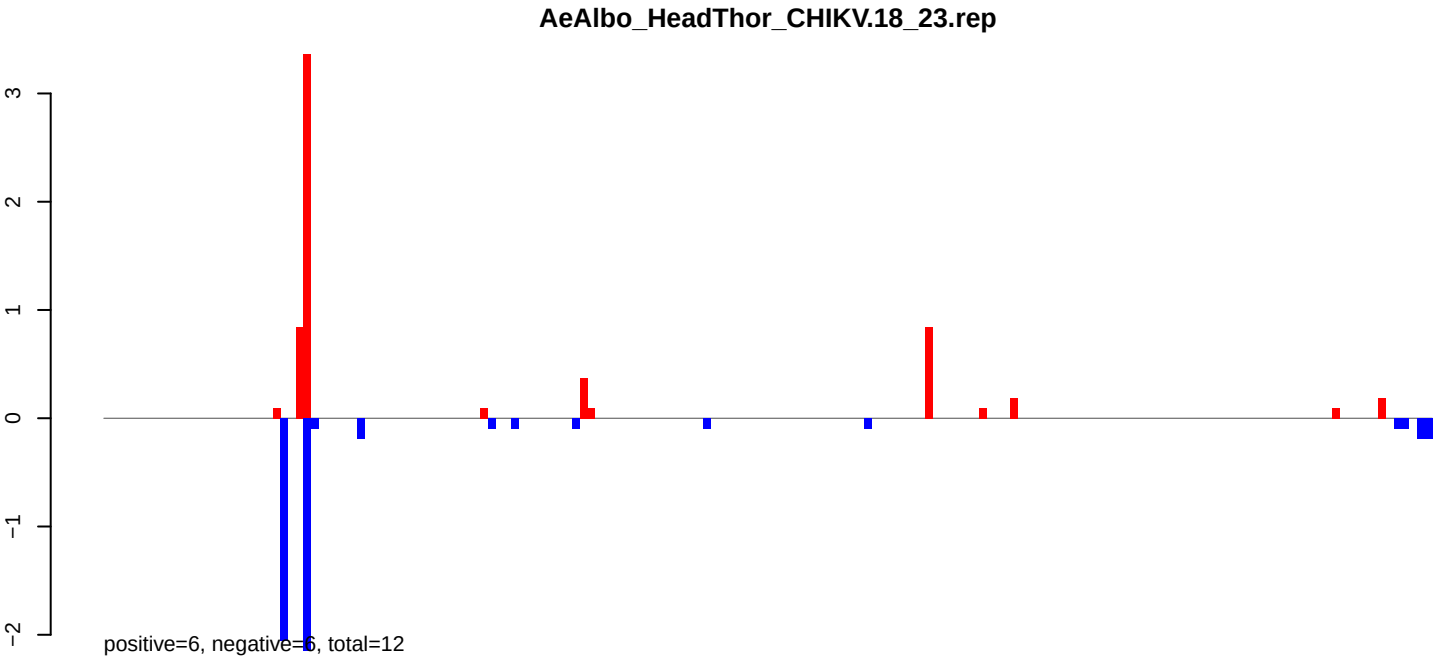

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=7, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=7, total=8
Window size=25, length=4276, TE@ltr−1_family−6223@LTR_Gypsy:1−4276
0
1000
2000
3000
4000

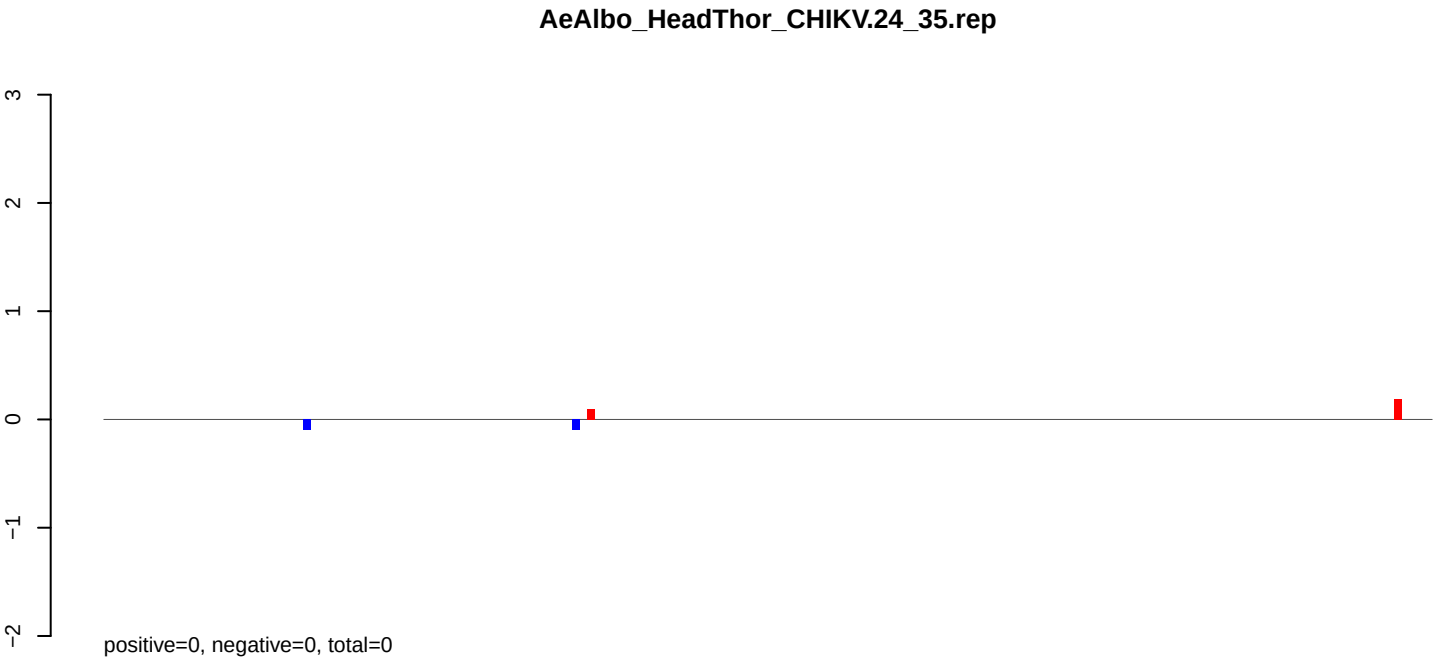

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=3

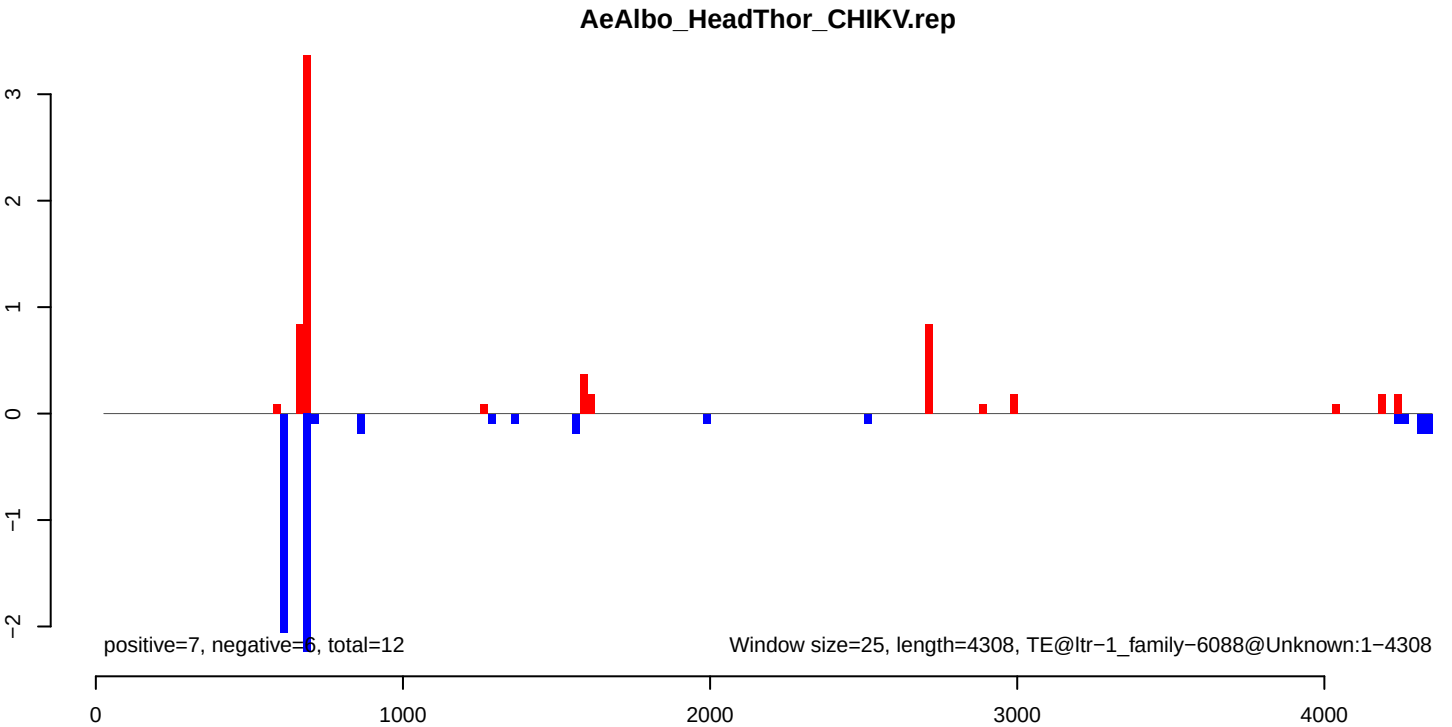
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

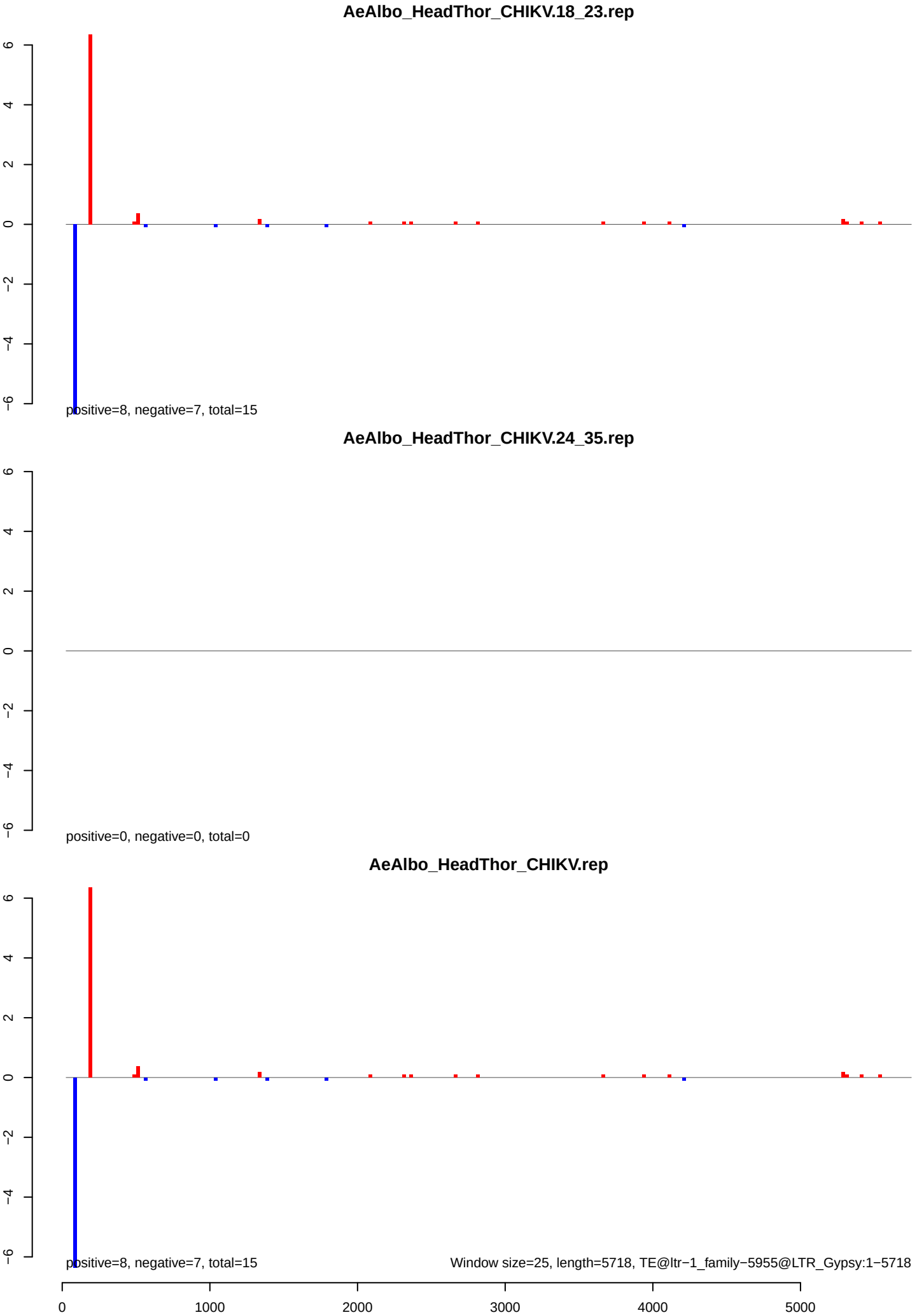

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=3
Window size=25, length=5984, TE@ltr−1_family−6176@LTR_Pao:1−5984
0
1000
2000
3000
4000
5000
6000

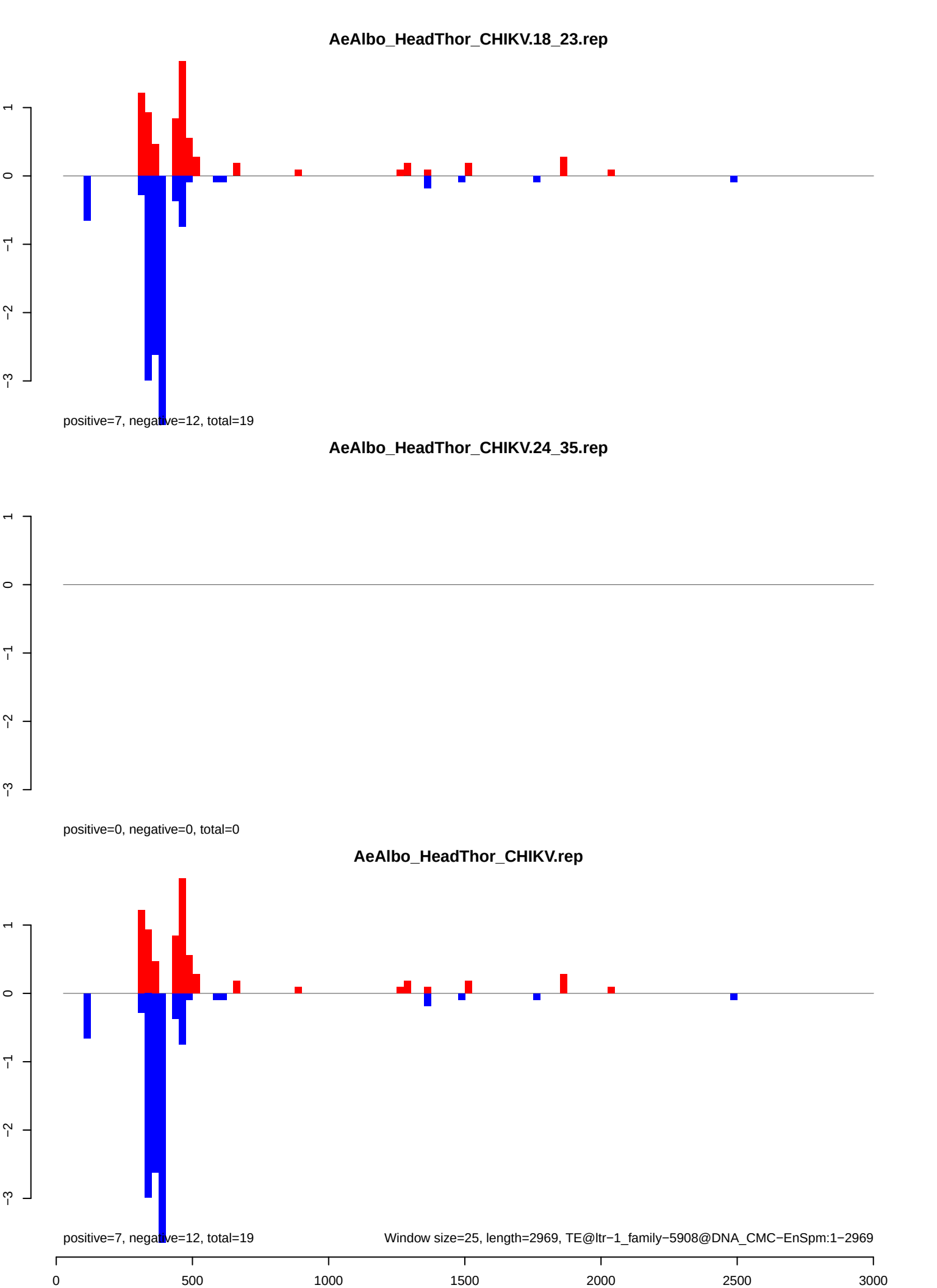

AeAlbo_HeadThor_CHIKV.18_23.rep
8
6
4
2
0
−2
positive=17, negative=3, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
8
6
4
2
0
−2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
8
6
4
2
0
−2
positive=17, negative=3, total=20
Window size=25, length=6139, TE@ltr−1_family−6153@LTR_Gypsy:1−6139
0
1000
2000
3000
4000
5000
6000

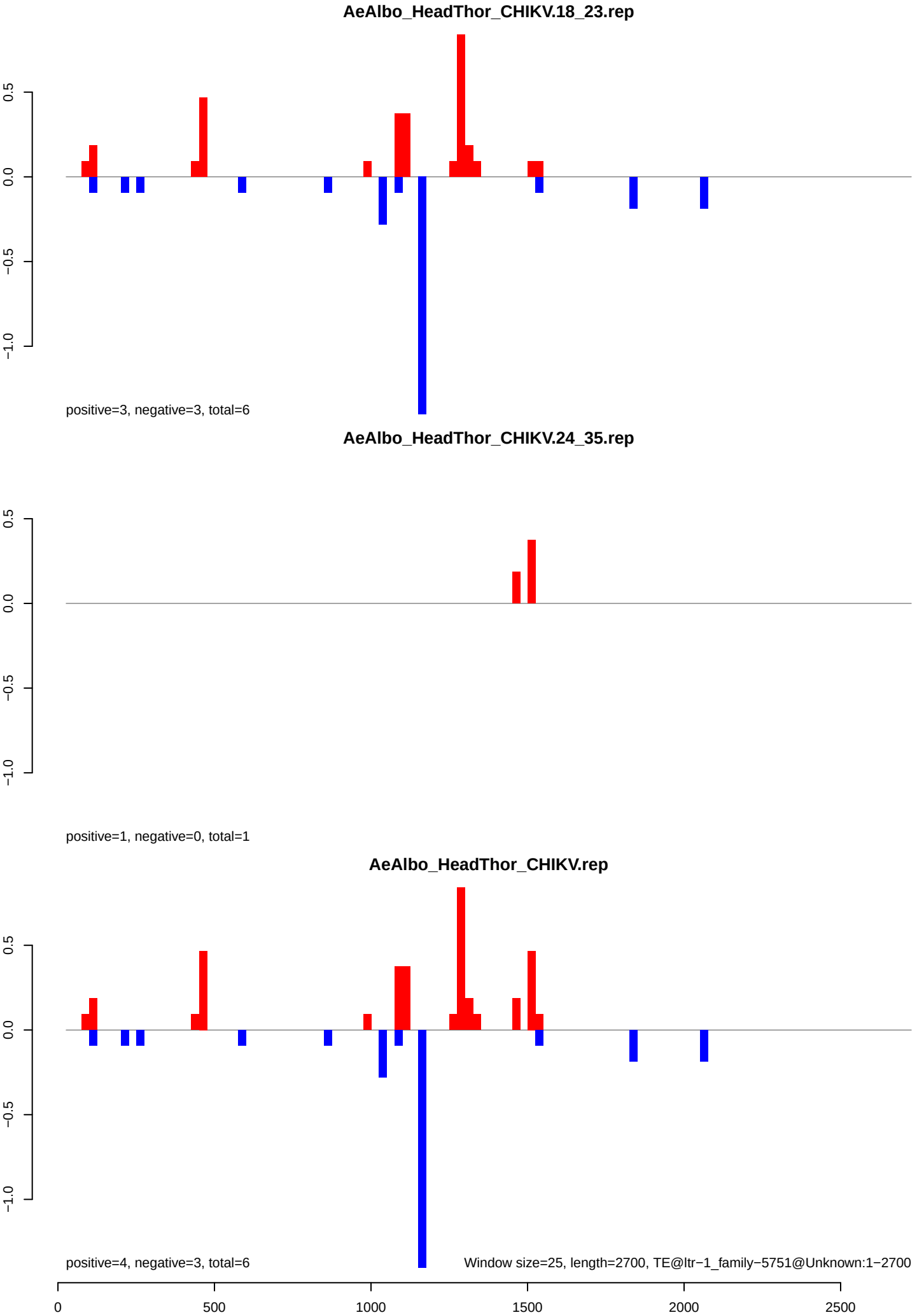

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
−1
−2
positive=6, negative=6, total=12

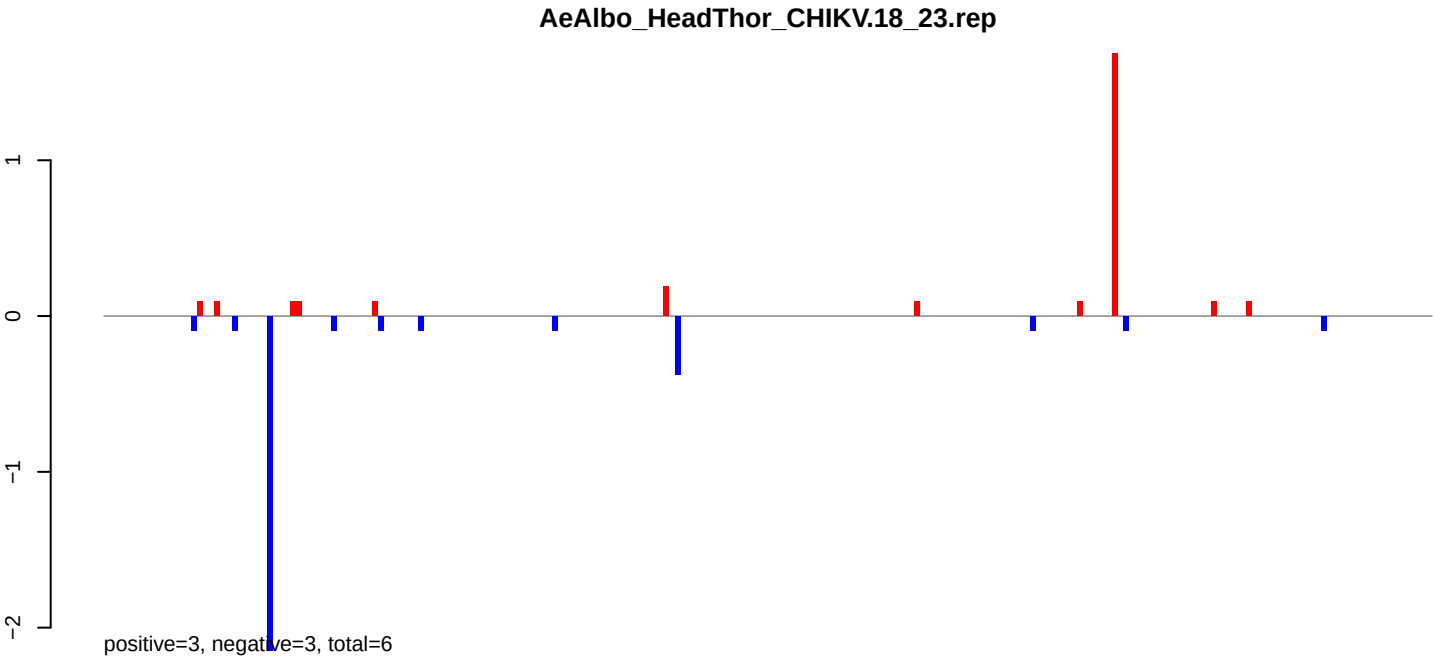

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
−1
−2
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
−1
−2
positive=7, negative=6, total=12
Window size=25, length=4308, TE@ltr−1_family−6088@Unknown:1−4308
0
1000
2000
3000
4000

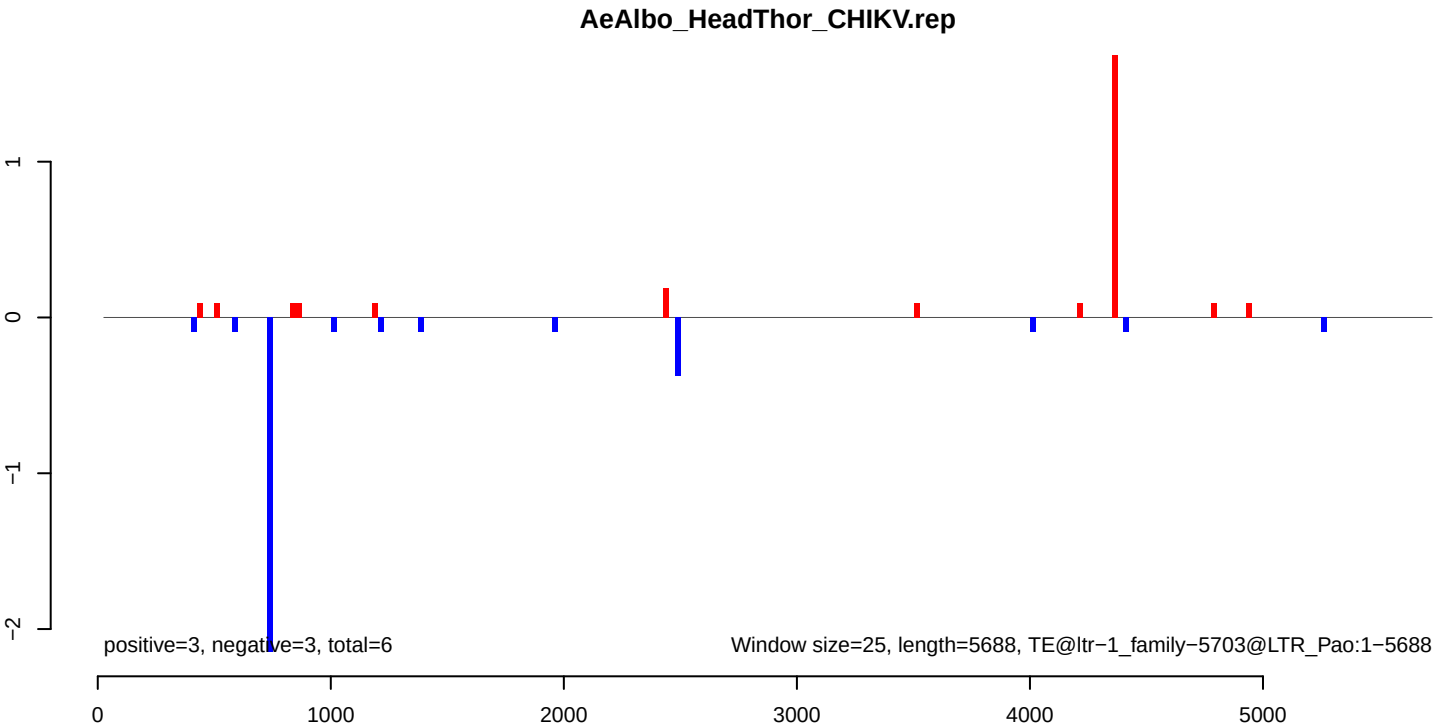

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
−4
−6
positive=8, negative=7, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
−4
−6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
−4
−6
positive=8, negative=7, total=15
Window size=25, length=5718, TE@ltr−1_family−5955@LTR_Gypsy:1−5718
0
1000
2000
3000
4000
5000

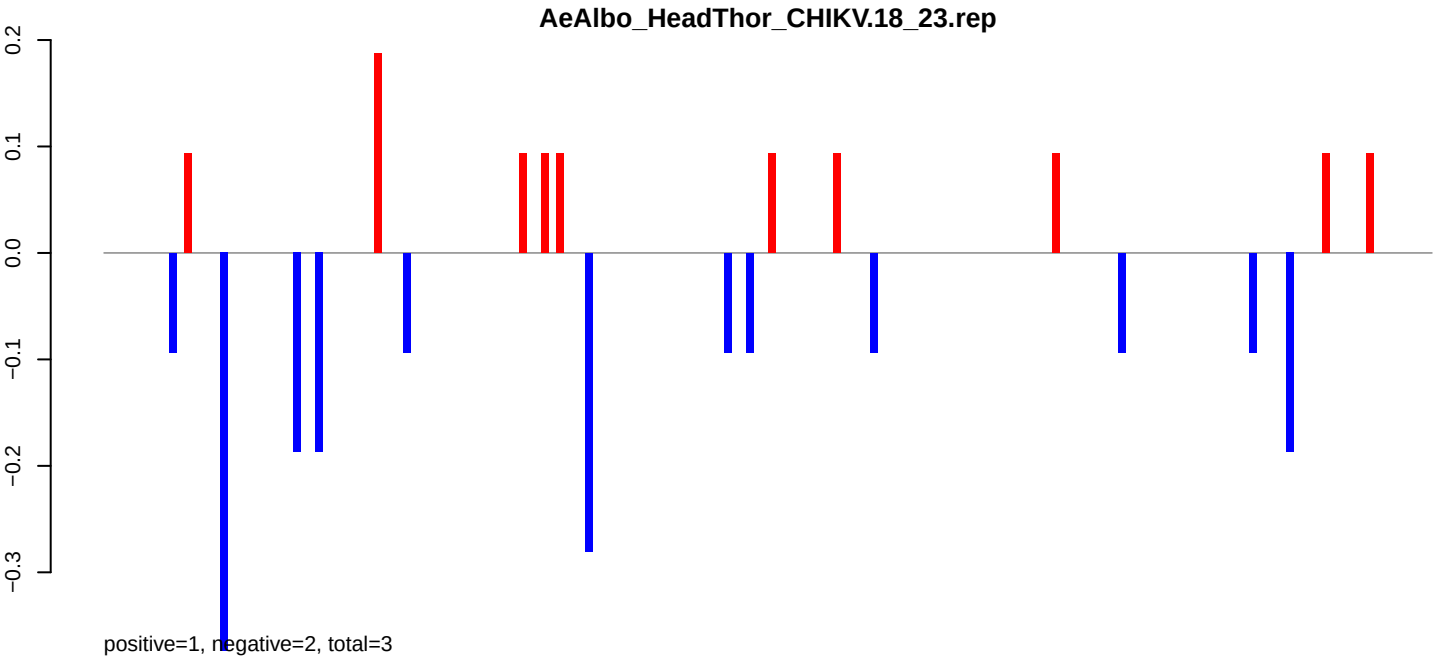

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=12, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=12, total=19
Window size=25, length=2969, TE@ltr−1_family−5908@DNA_CMC−EnSpm:1−2969
1
0
−1
−2
−3
0
500
1000
1500
2000
2500
3000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=4, negative=3, total=6
Window size=25, length=2700, TE@ltr−1_family−5751@Unknown:1−2700
0
500
1000
1500
2000
2500

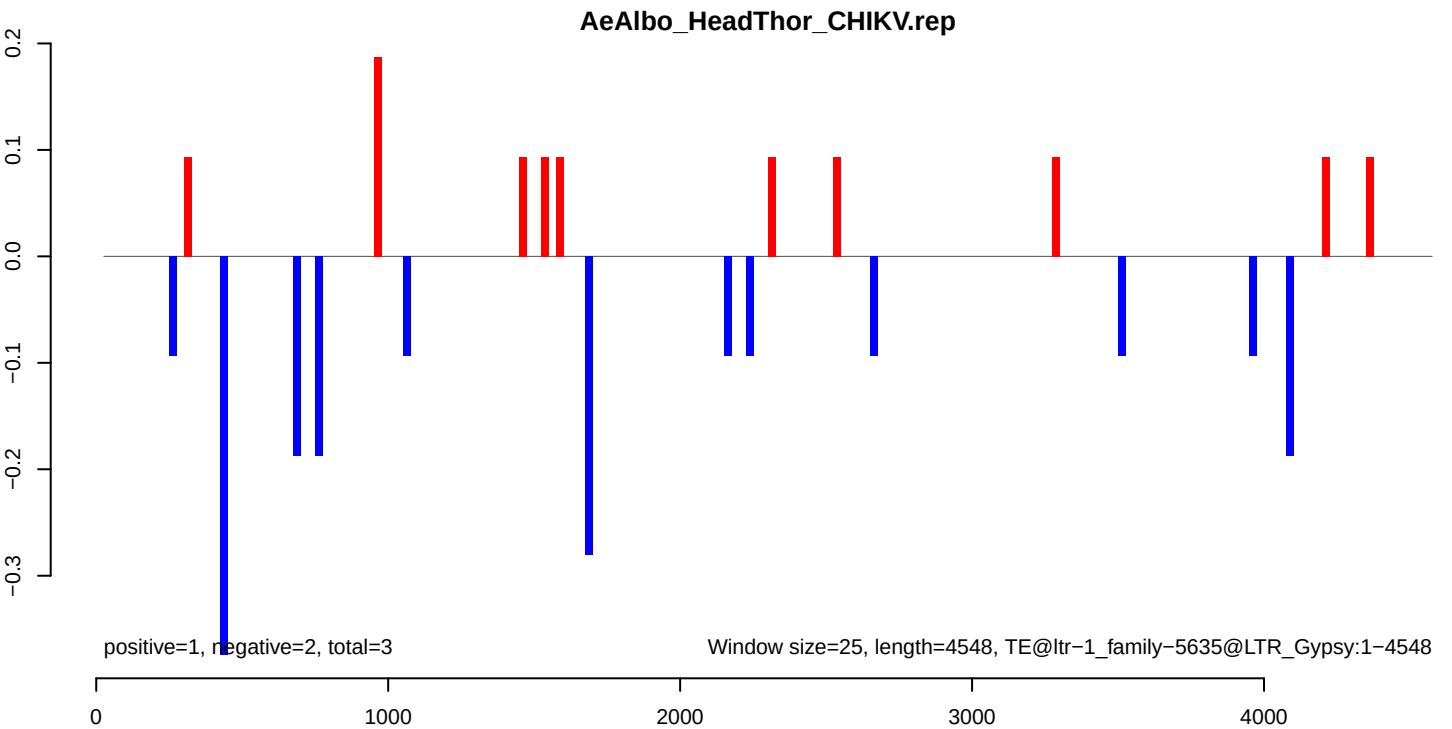

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=3, negative=3, total=6

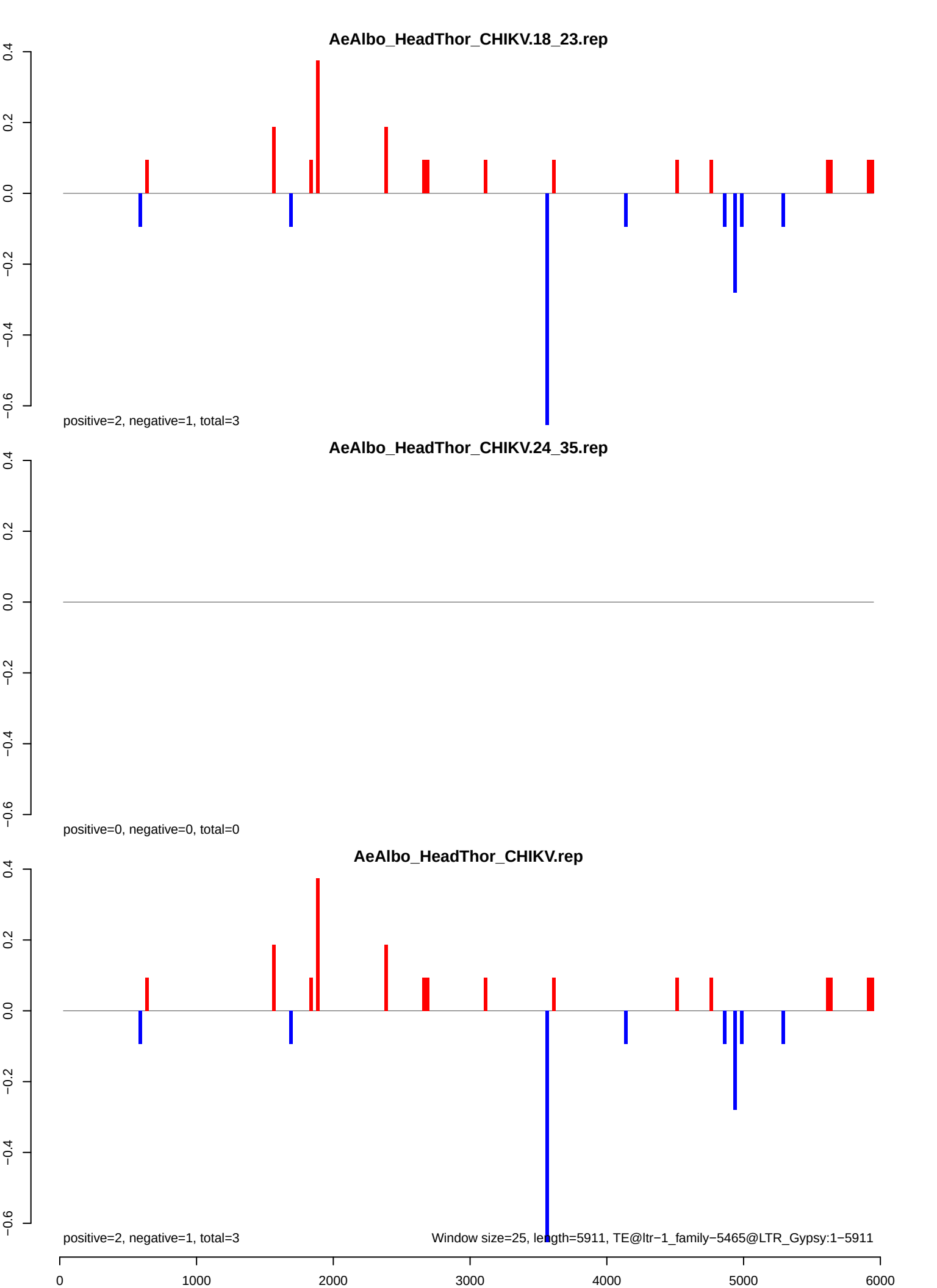
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=0, negative=0, total=0

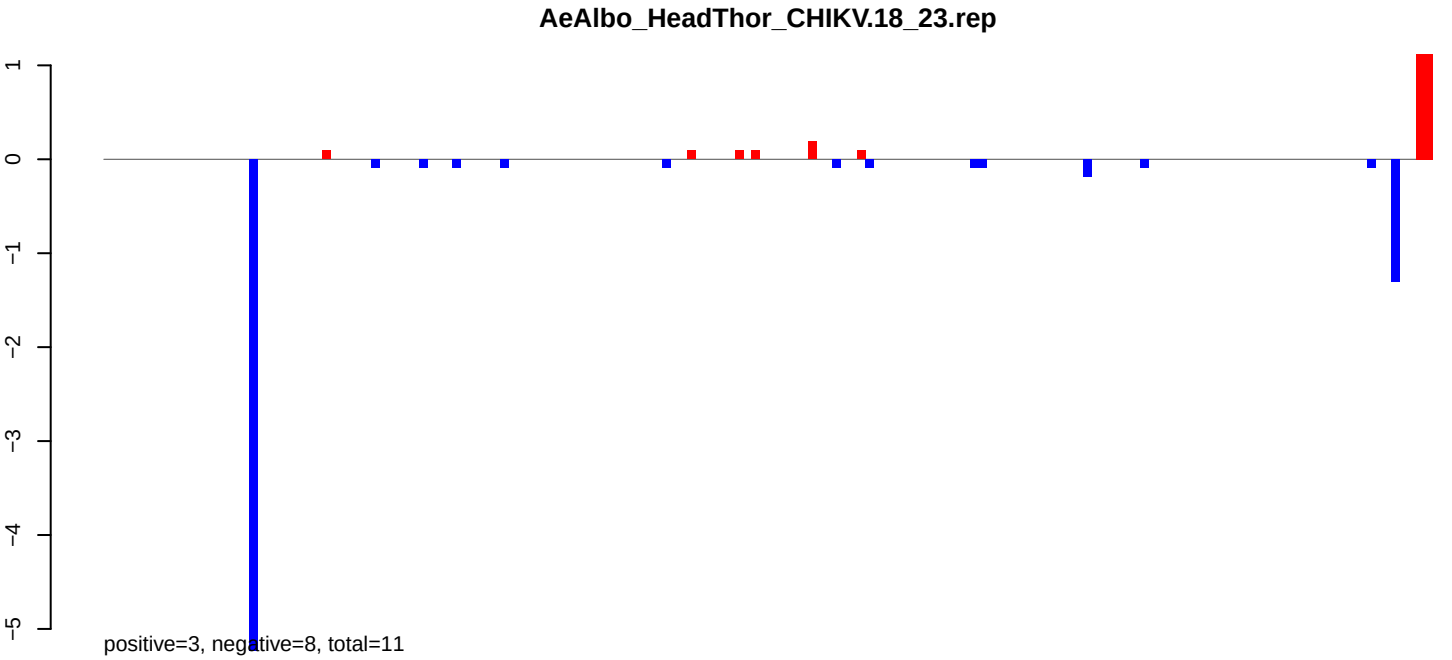

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=3, negative=3, total=6
Window size=25, length=5688, TE@ltr−1_family−5703@LTR_Pao:1−5688
0
1000
2000
3000
4000
5000

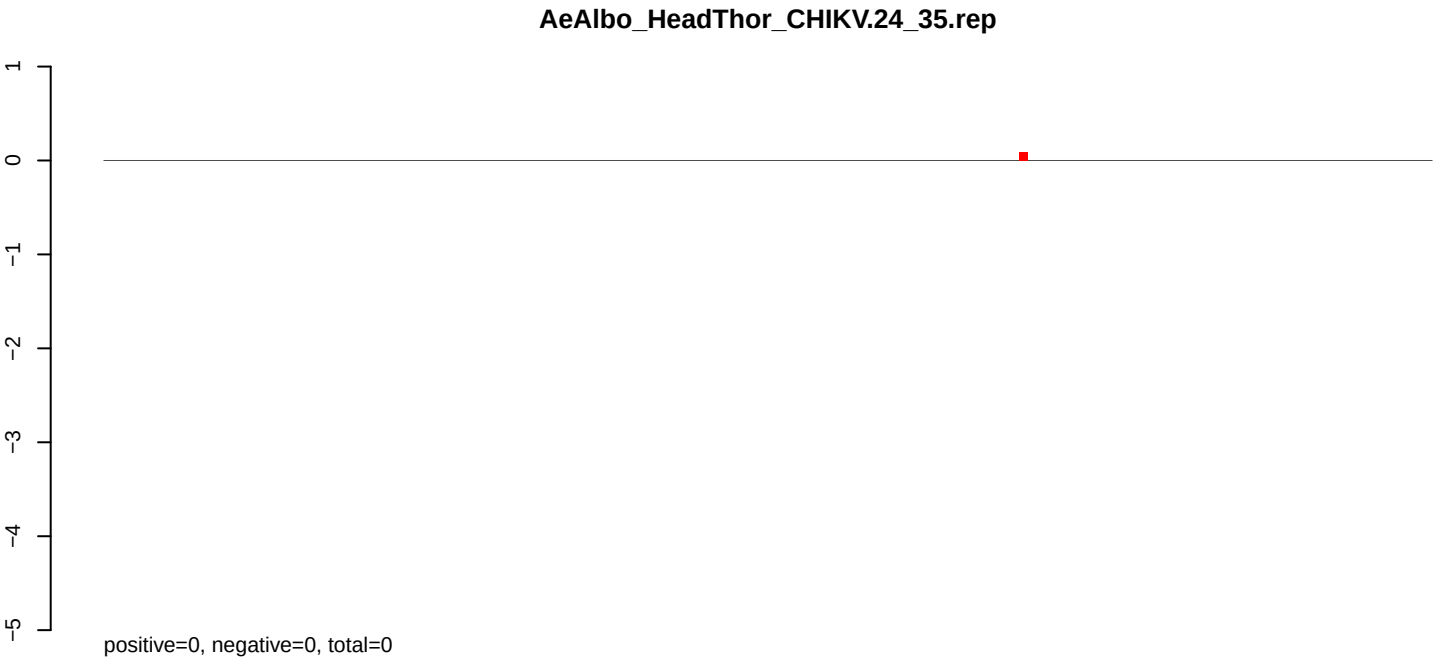

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=2, total=3

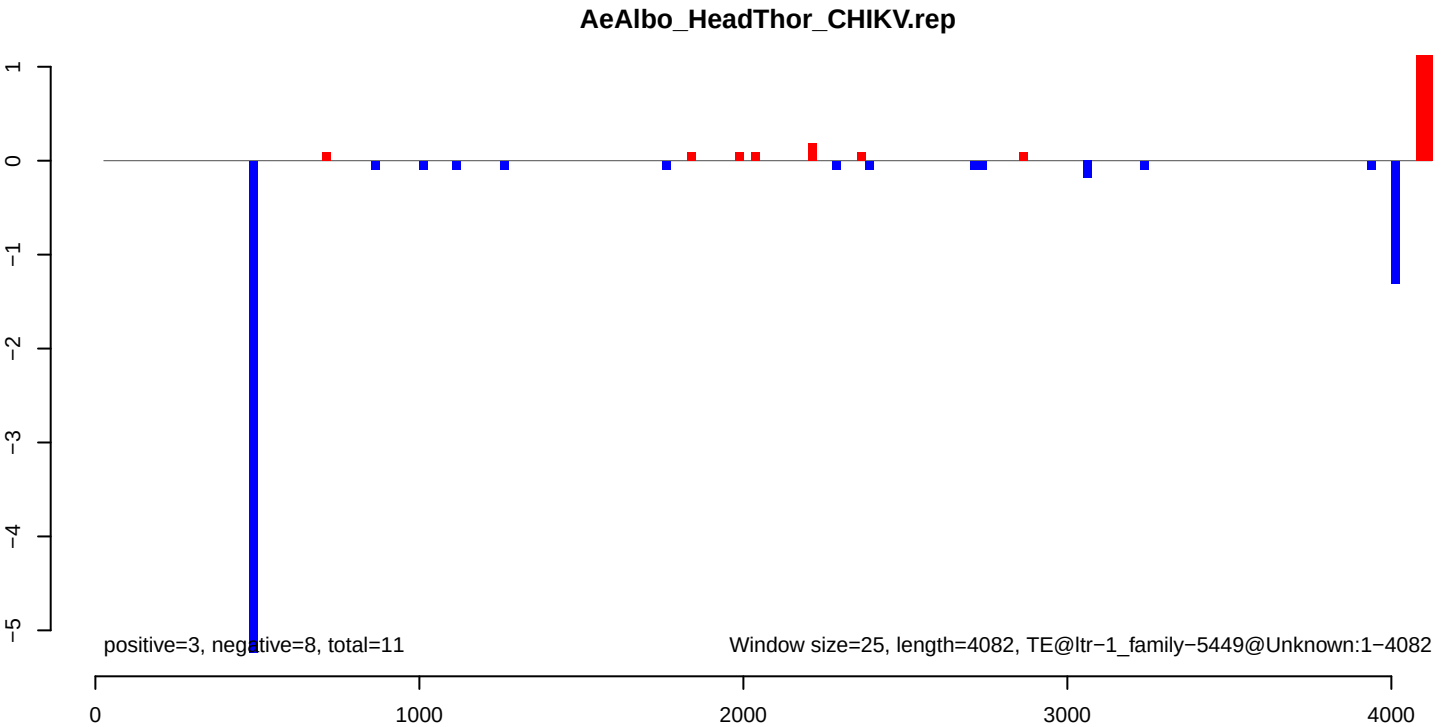
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

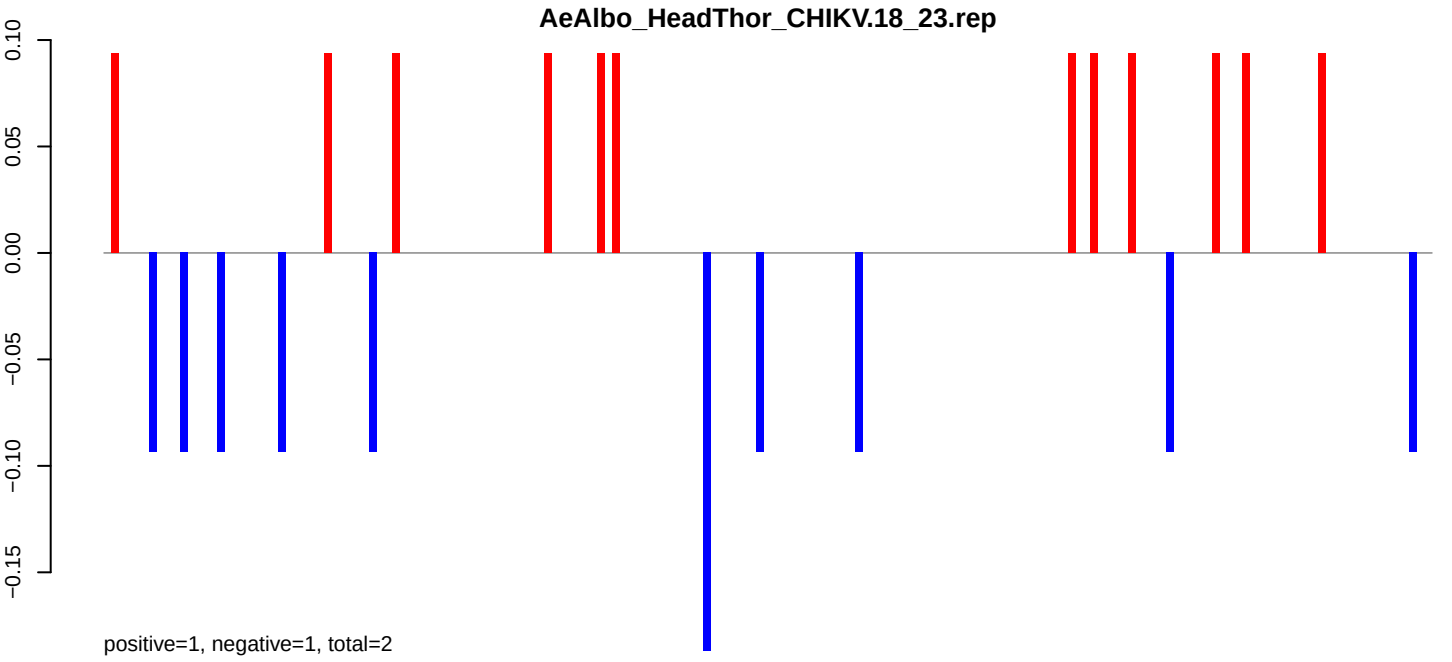

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=2, total=3
Window size=25, length=4548, TE@ltr−1_family−5635@LTR_Gypsy:1−4548
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=1, total=3
Window size=25, length=5911, TE@ltr−1_family−5465@LTR_Gypsy:1−5911
0
1000
2000
3000
4000
5000
6000

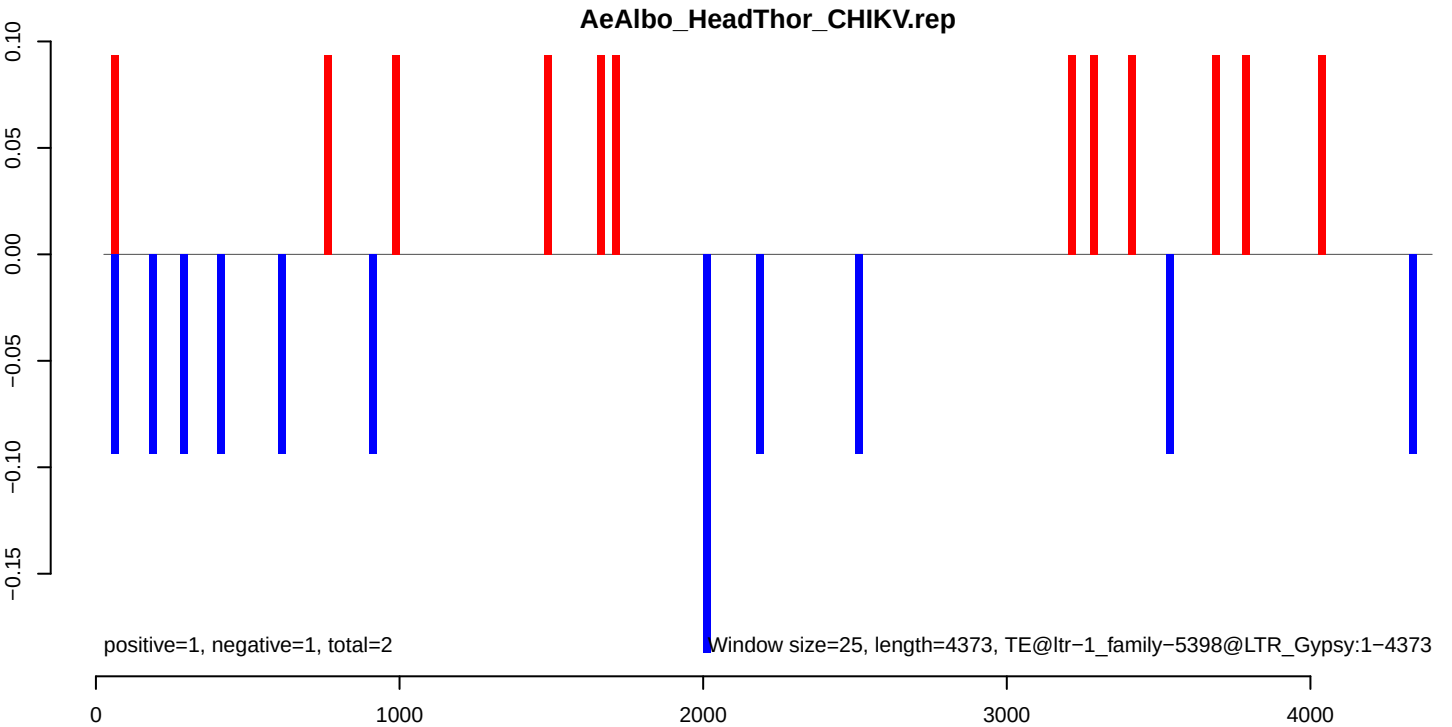

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
−4
−5
positive=3, negative=8, total=11

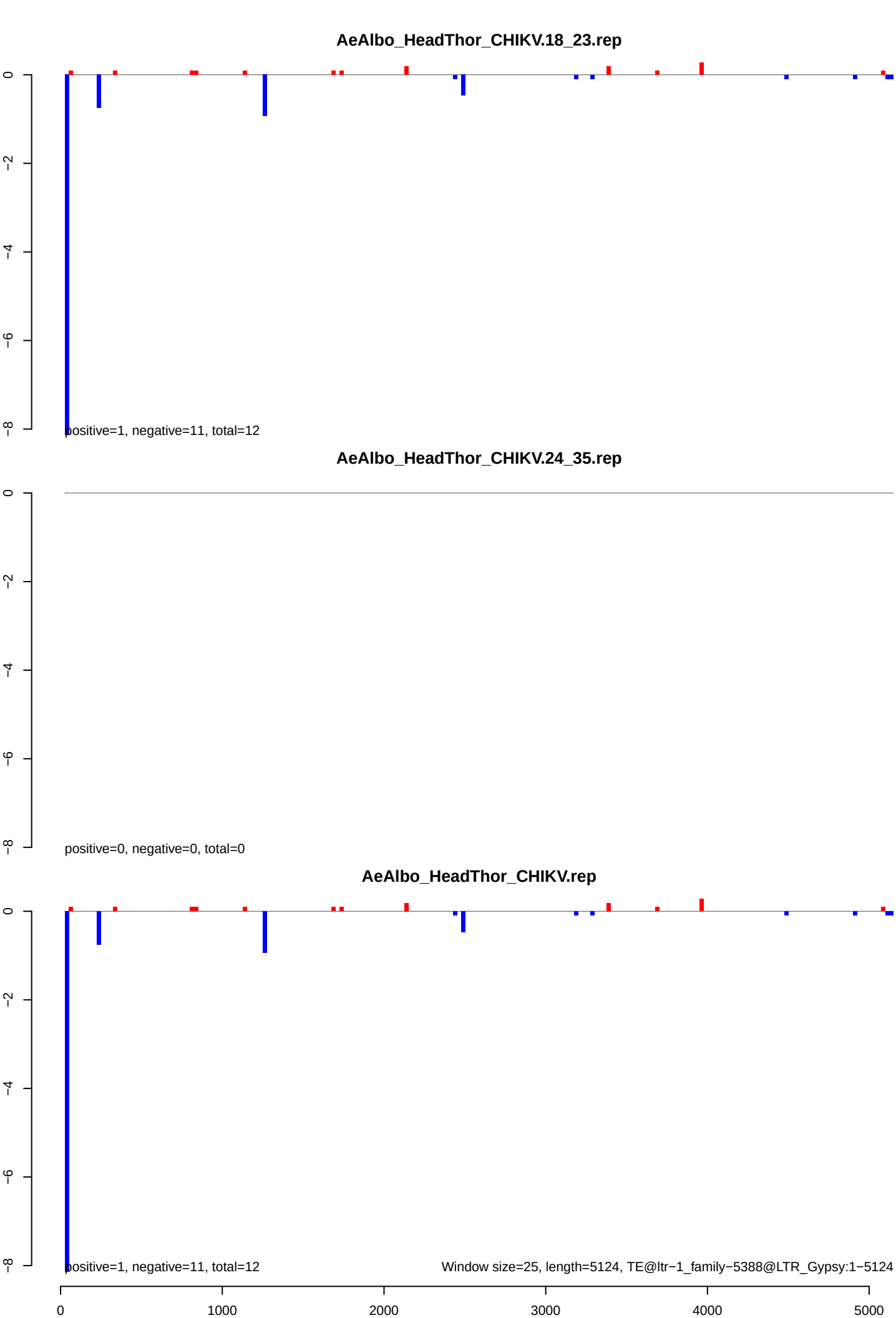

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0

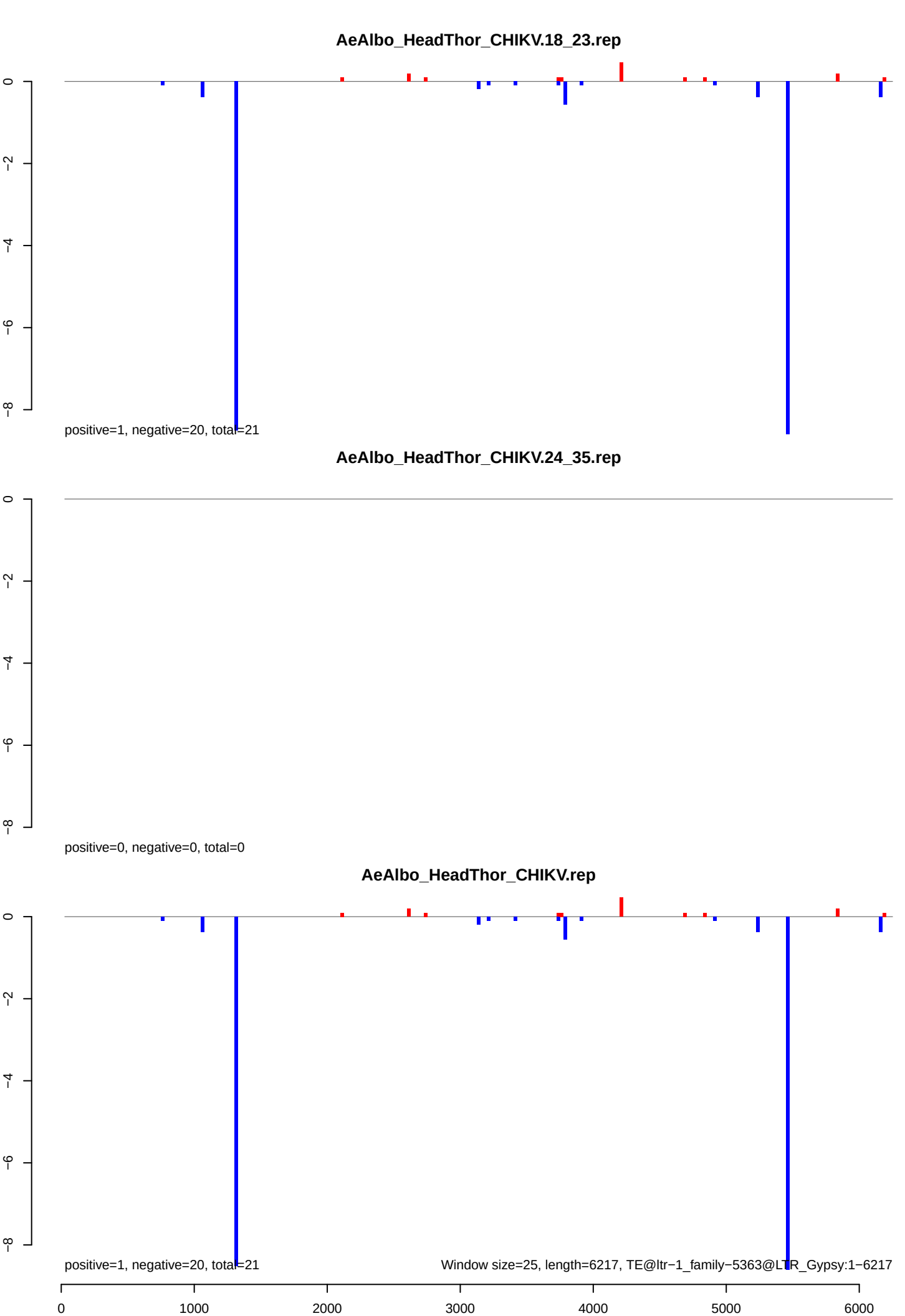

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
−4
−5
positive=3, negative=8, total=11
Window size=25, length=4082, TE@ltr−1_family−5449@Unknown:1−4082
0
1000
2000
3000
4000

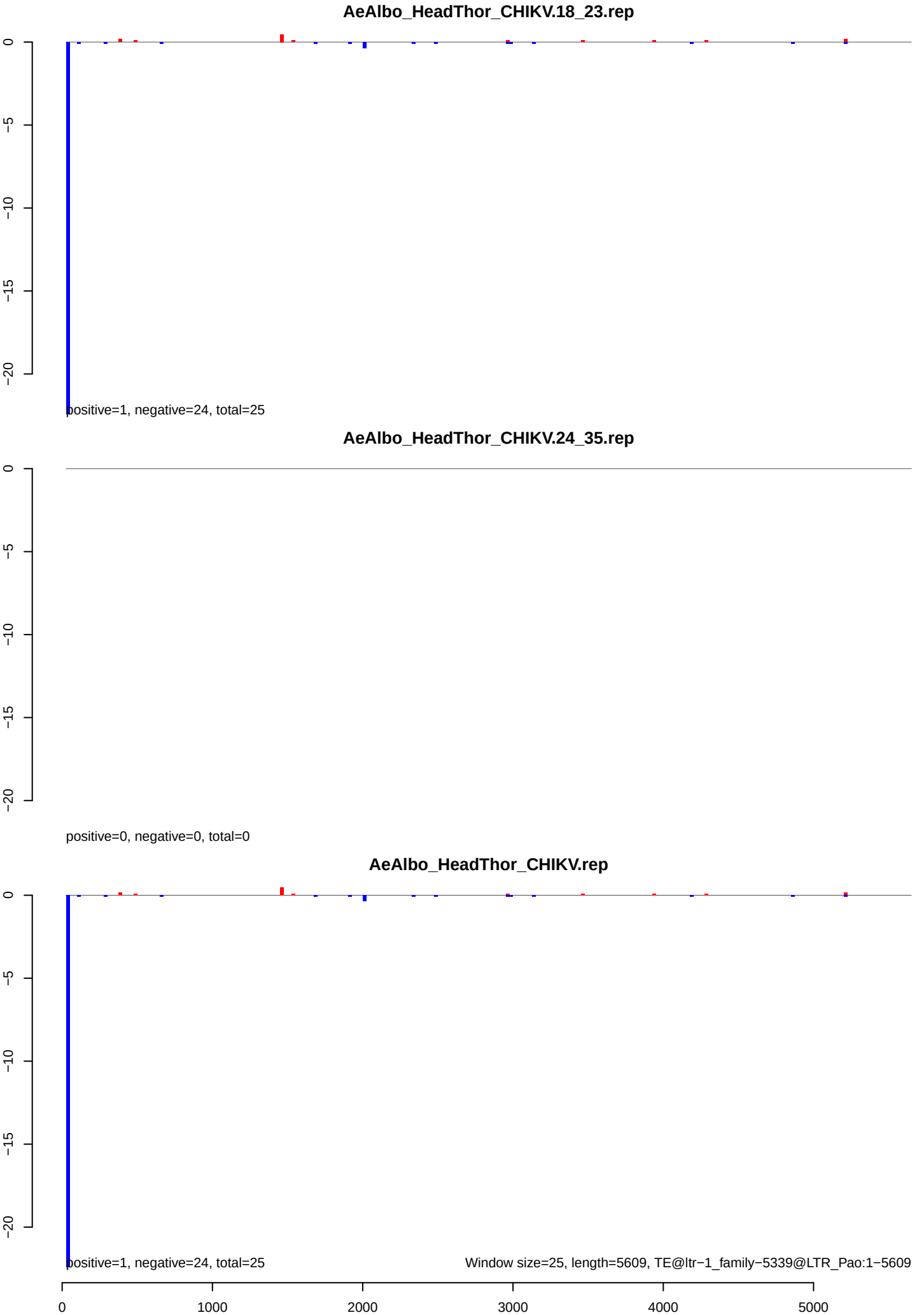

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=1, total=2

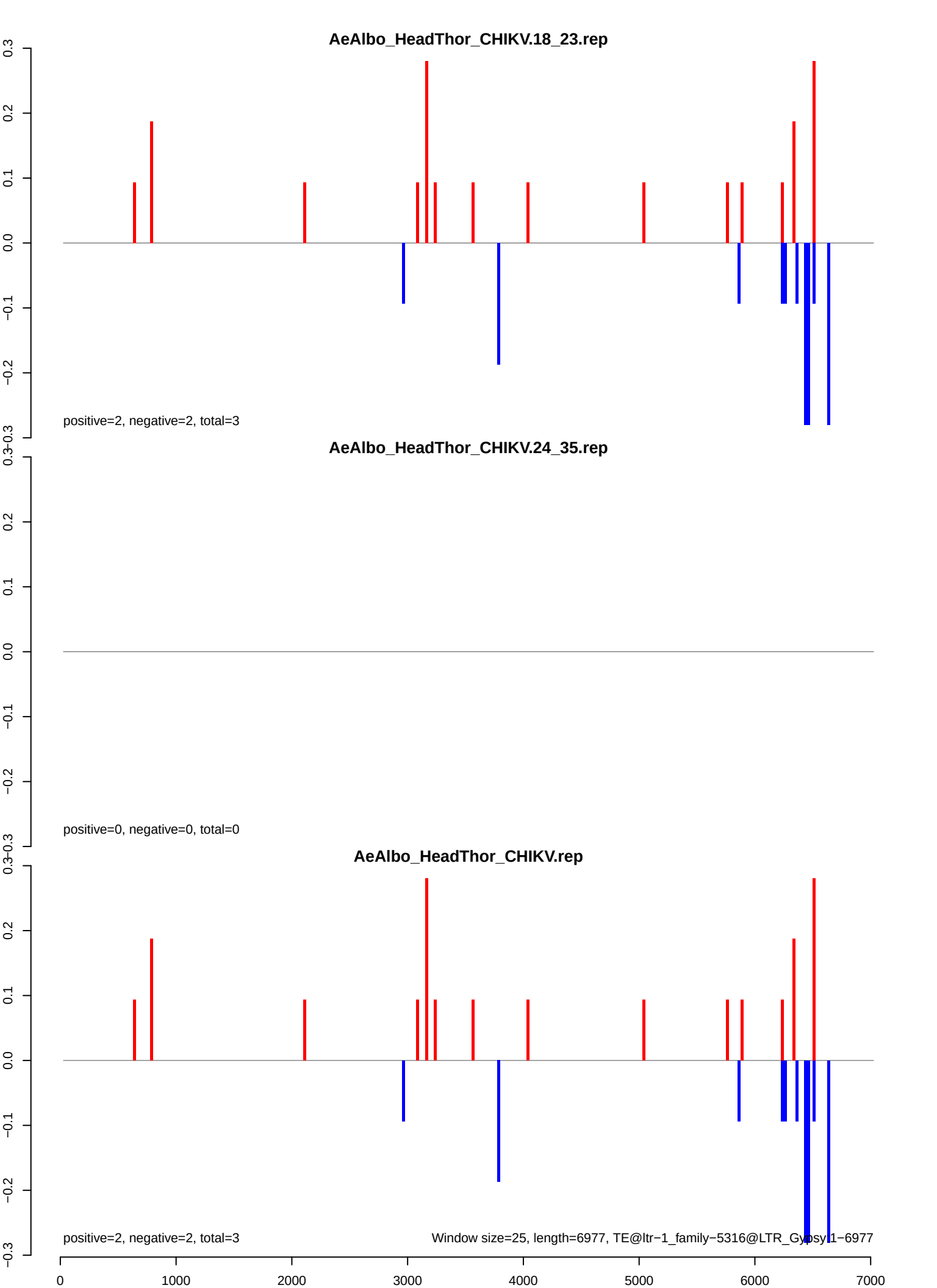
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

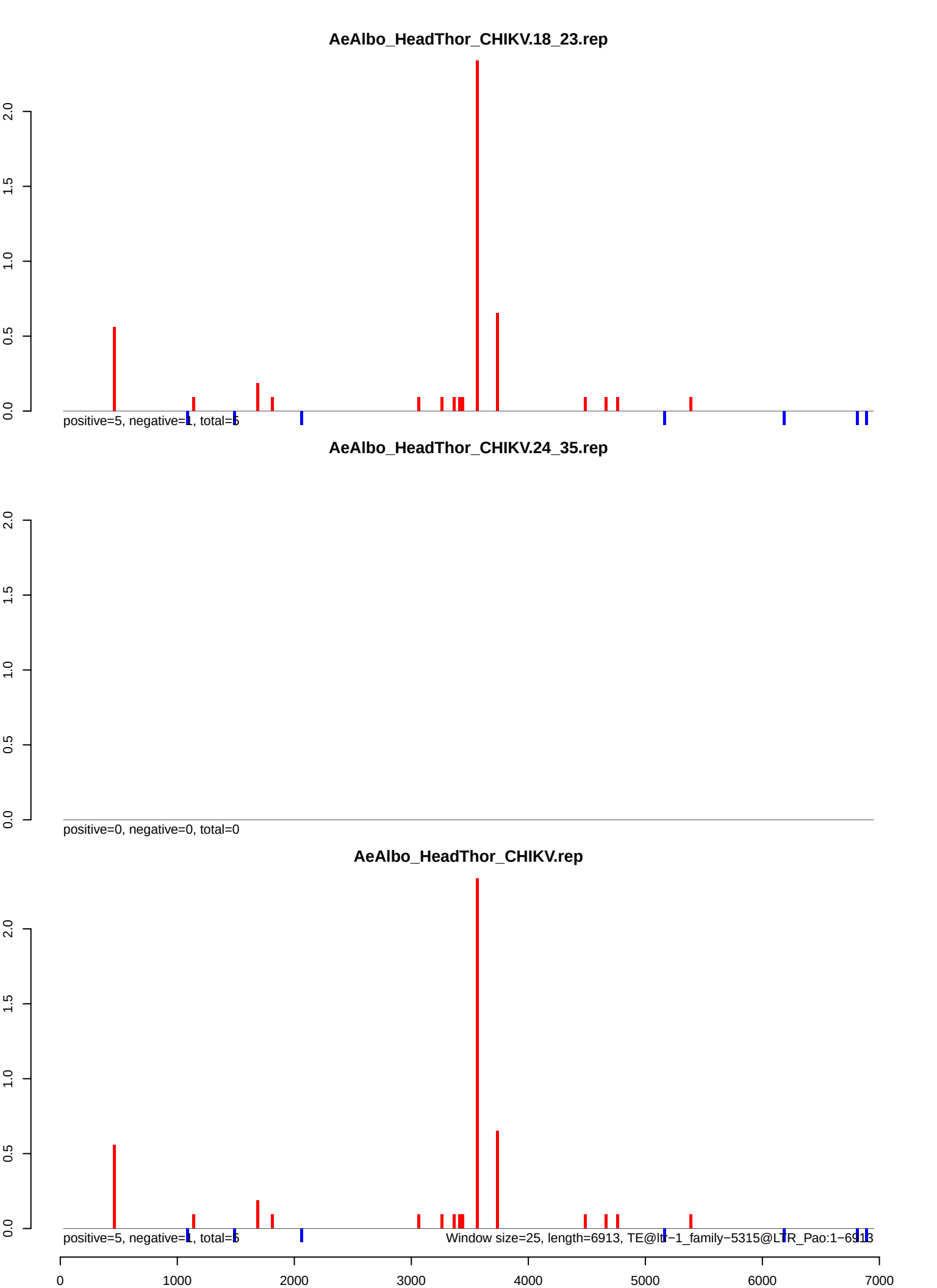

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=1, total=2
Window size=25, length=4373, TE@ltr−1_family−5398@LTR_Gypsy:1−4373
0
1000
2000
3000
4000

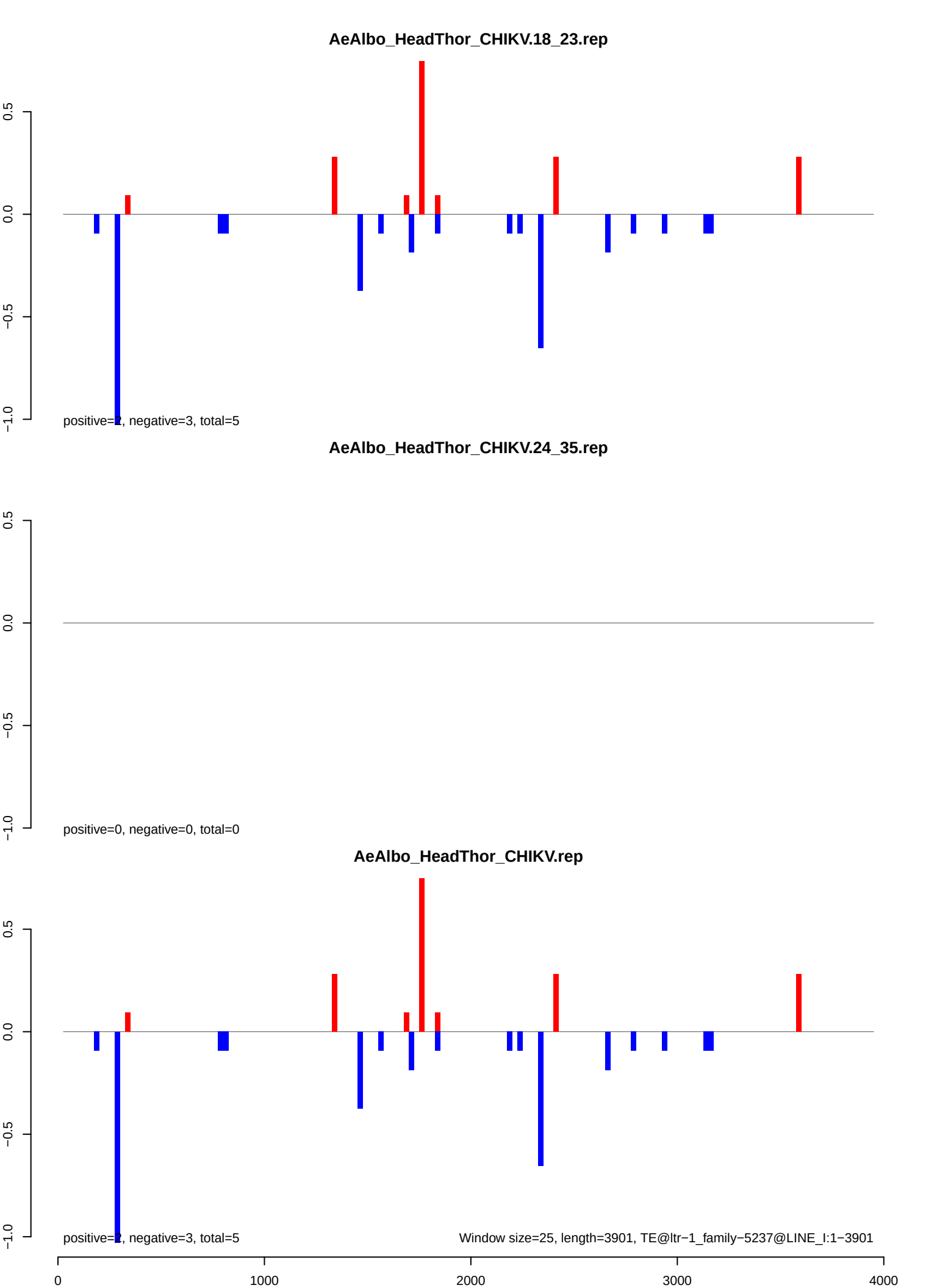

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=1, negative=11, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=1, negative=11, total=12
Window size=25, length=5124, TE@ltr−1_family−5388@LTR_Gypsy:1−5124
0
1000
2000
3000
4000
5000

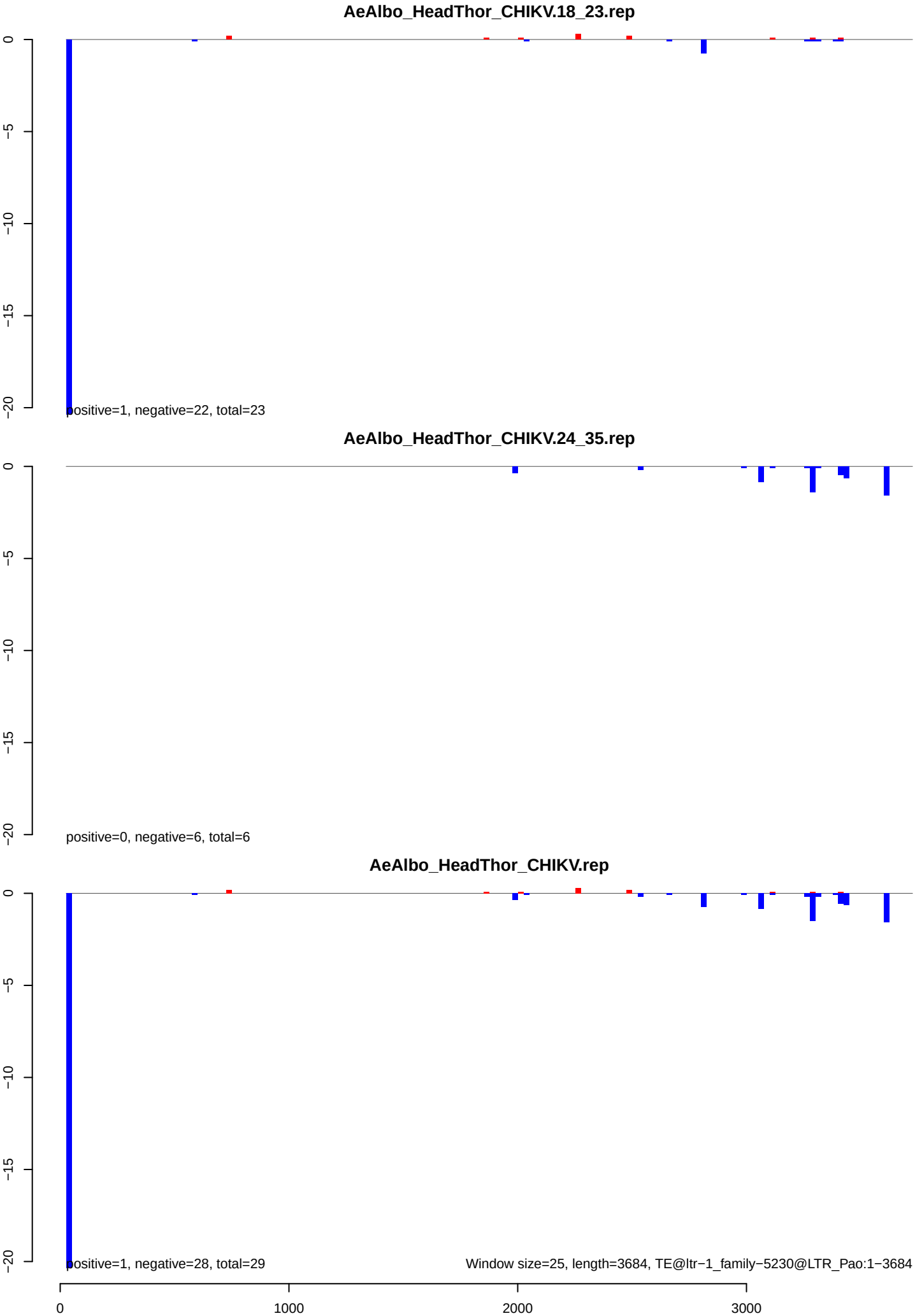

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=1, negative=20, total=21
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=1, negative=20, total=21
Window size=25, length=6217, TE@ltr−1_family−5363@LTR_Gypsy:1−6217
0
1000
2000
3000
4000
5000
6000

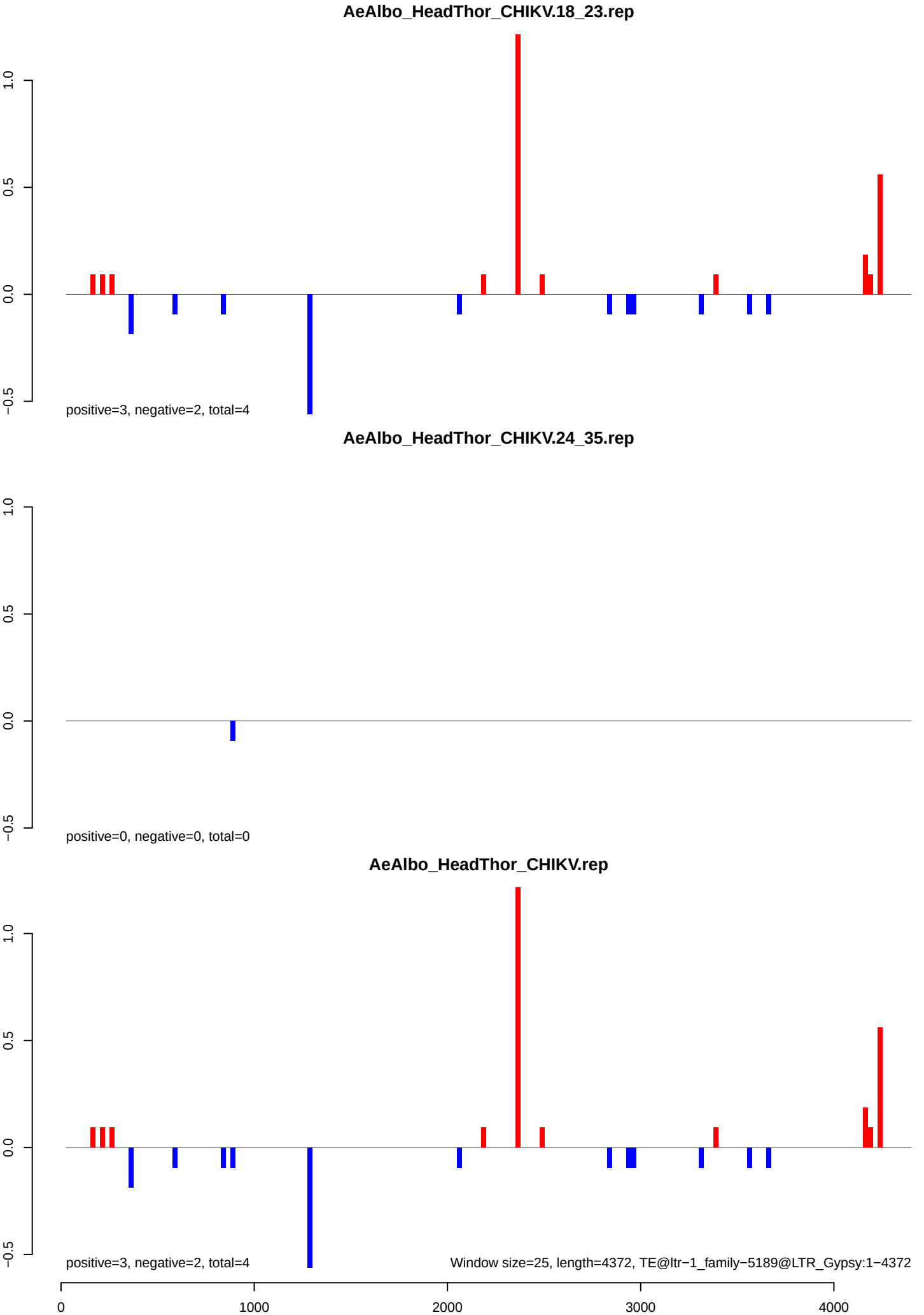

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=24, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=24, total=25
Window size=25, length=5609, TE@ltr−1_family−5339@LTR_Pao:1−5609
0
1000
2000
3000
4000
5000

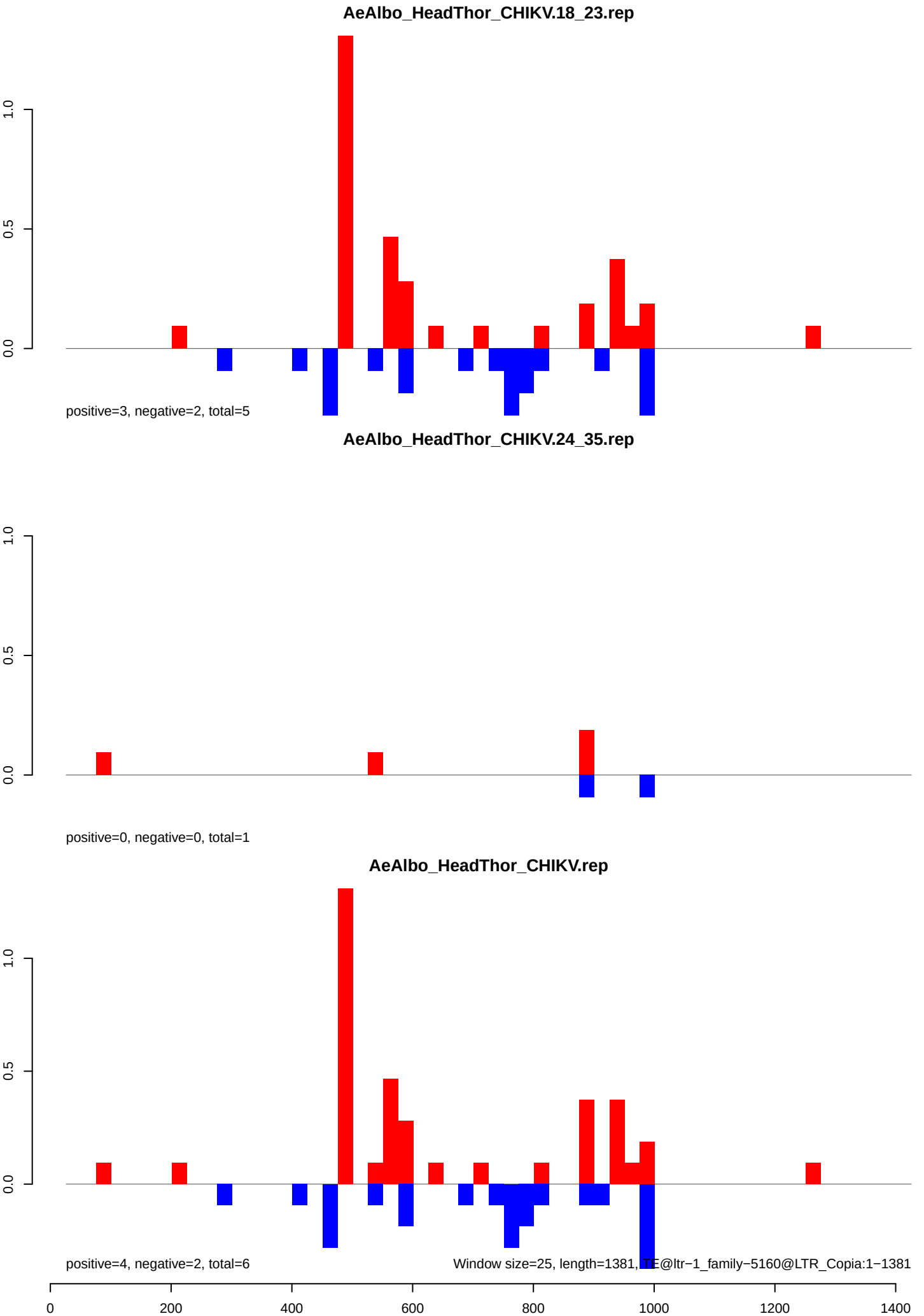

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=3
Window size=25, length=6977, TE@ltr−1_family−5316@LTR_Gypsy1−6977
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000
5000
6000
7000

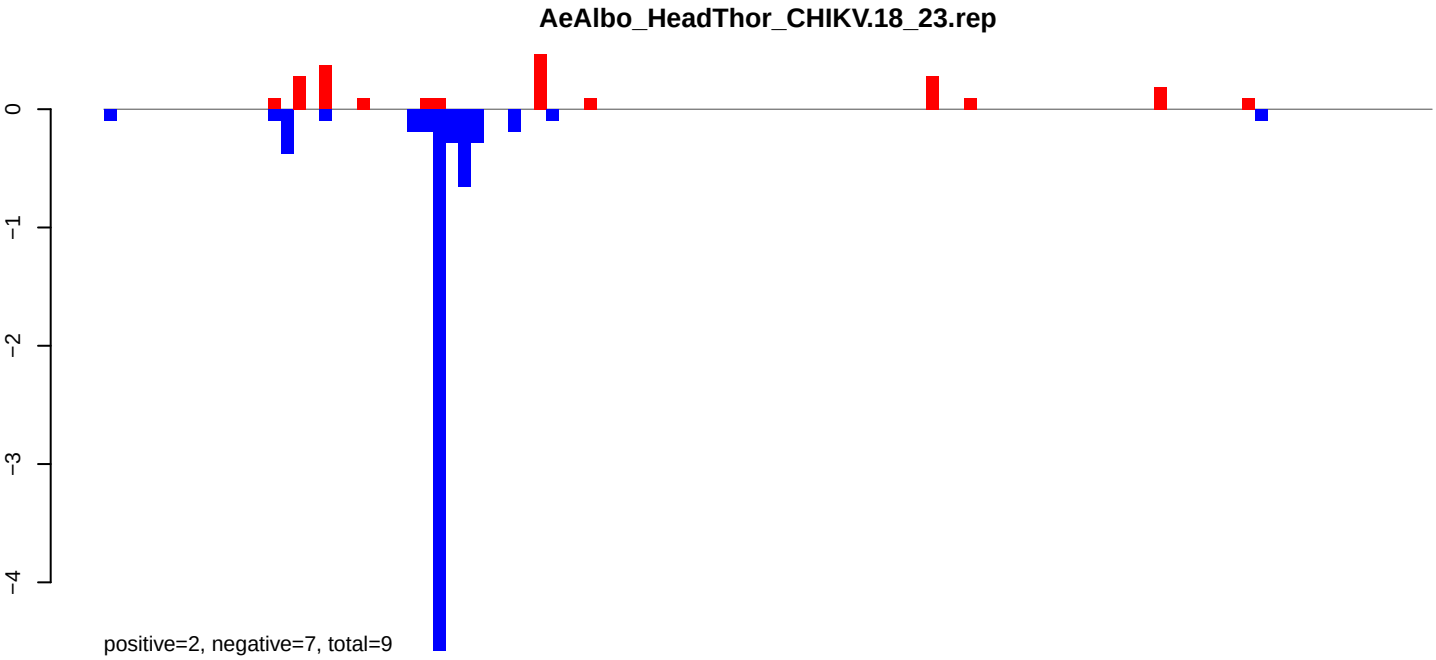

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=1, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=1, total=6
Window size=25, length=6913, TE@ltr−1_family−5315@LTR_Pao:1−6913
0.0
0.5
1.0
1.5
2.0
0
1000
2000
3000
4000
5000
6000
7000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5
Window size=25, length=3901, TE@ltr−1_family−5237@LINE_I:1−3901
0
1000
2000
3000
4000

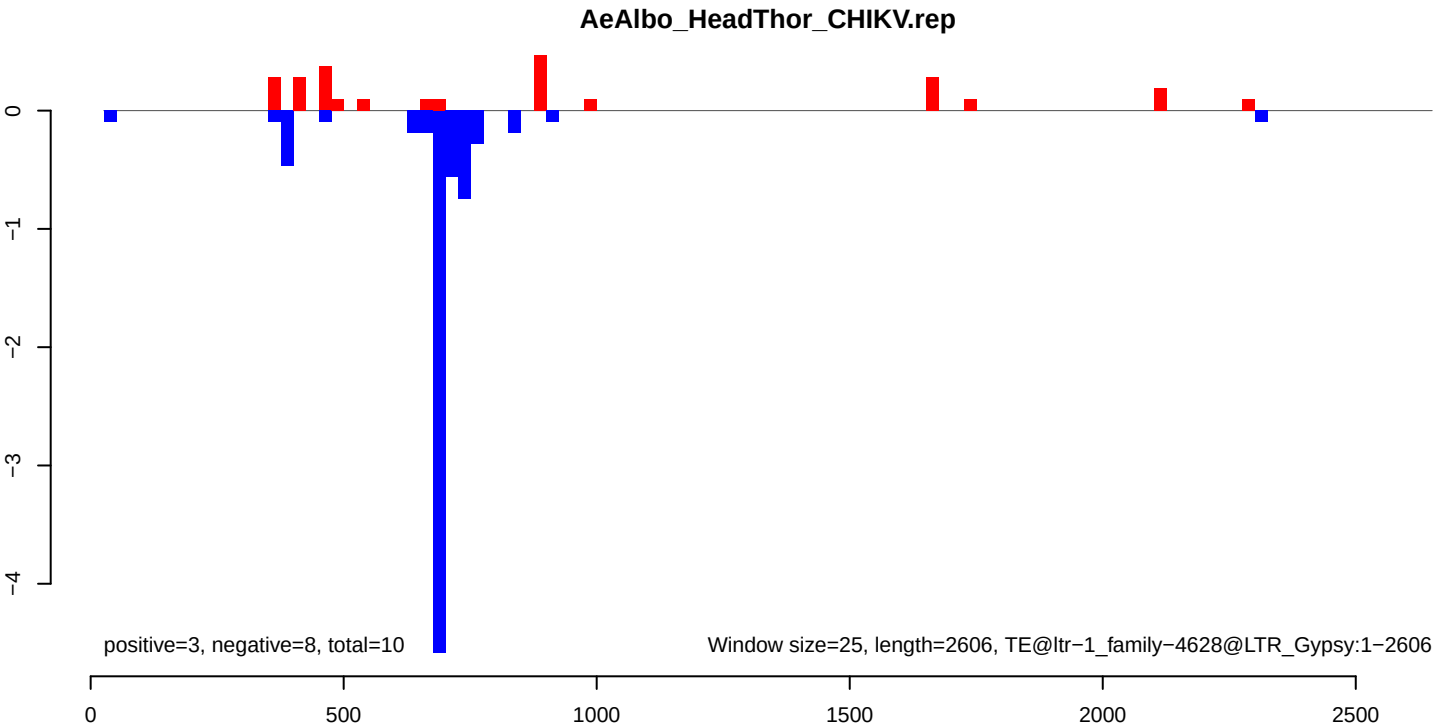

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=22, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=6, total=6
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=28, total=29
Window size=25, length=3684, TE@ltr−1_family−5230@LTR_Pao:1−3684
0
1000
2000
3000

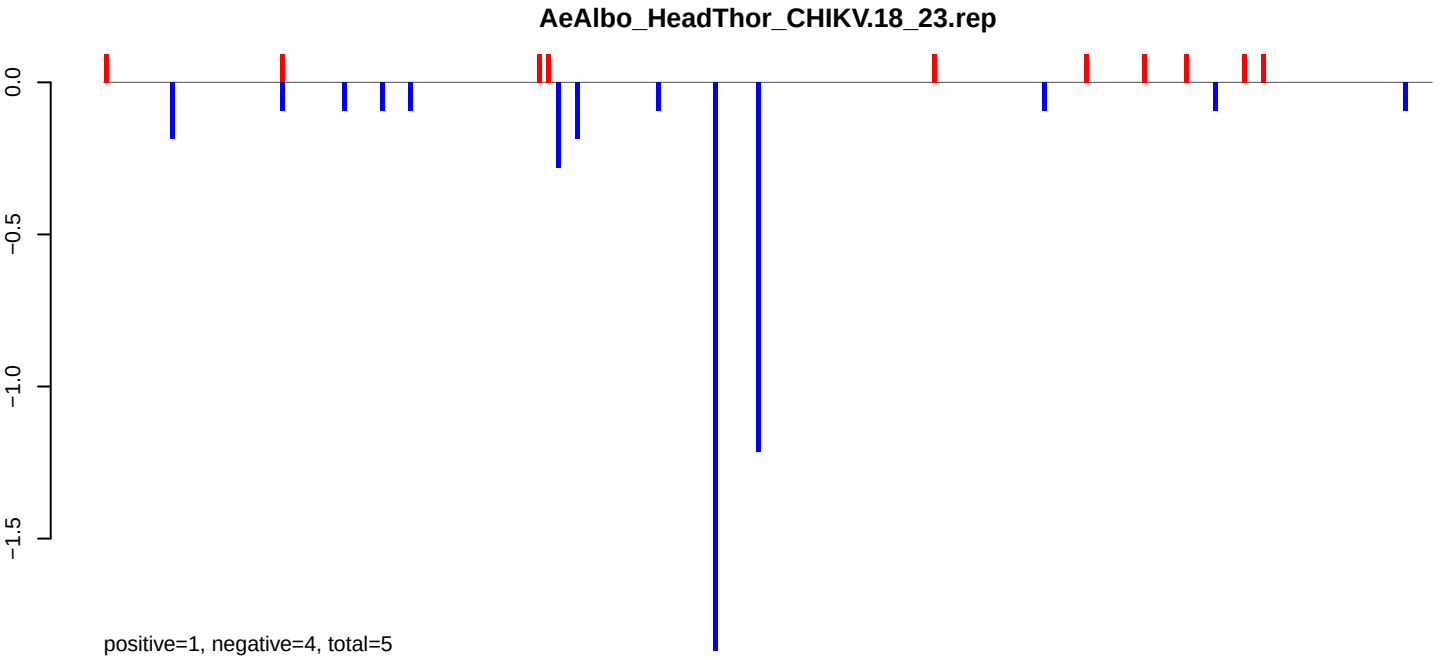

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=4
Window size=25, length=4372, TE@ltr−1_family−5189@LTR_Gypsy:1−4372
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=4, negative=2, total=6
Window size=25, length=1381, TE@ltr−1_family−5160@LTR_Copia:1−1381
0
200
400
600
800
1000
1200
1400


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=2, negative=7, total=9

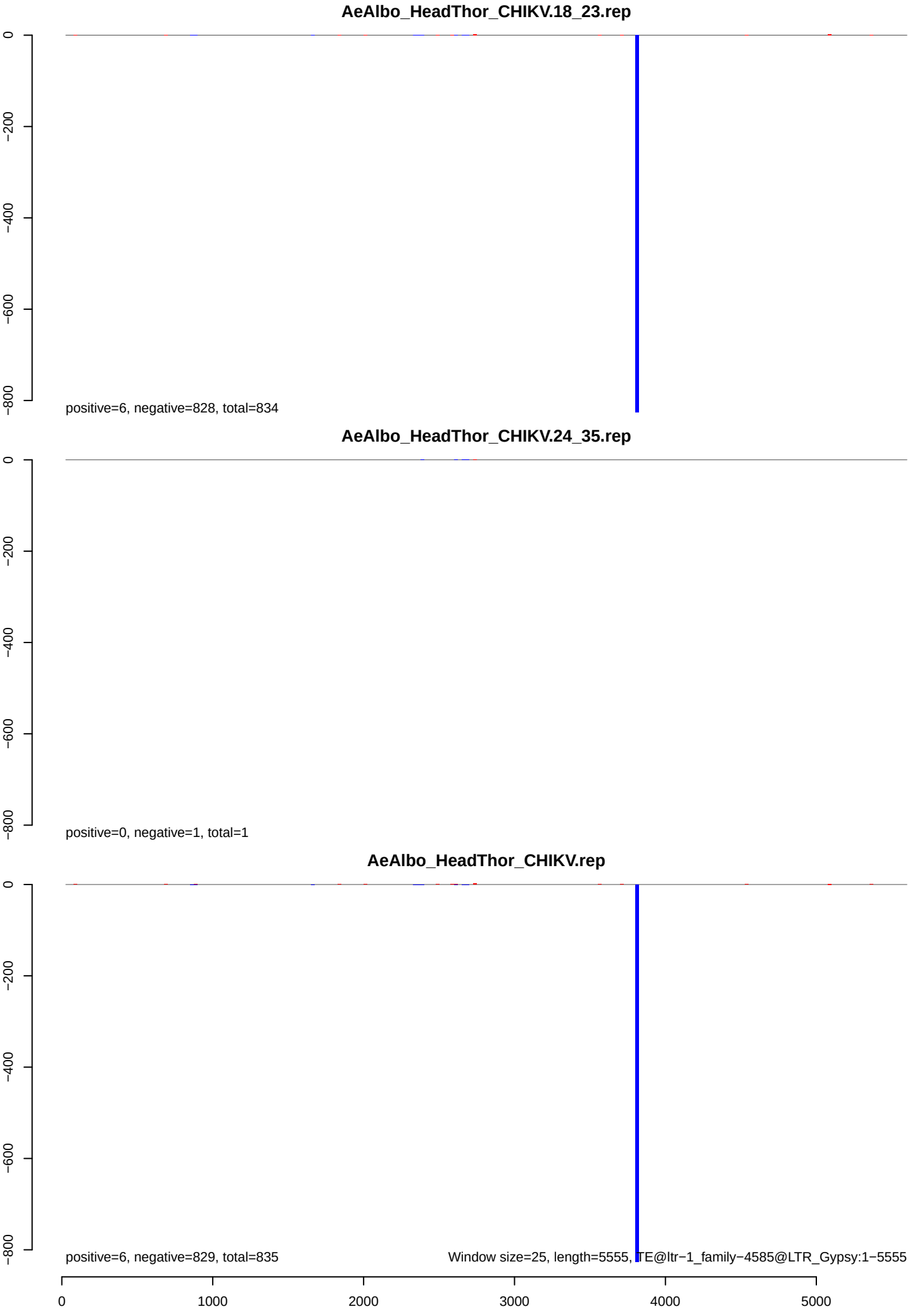
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=1

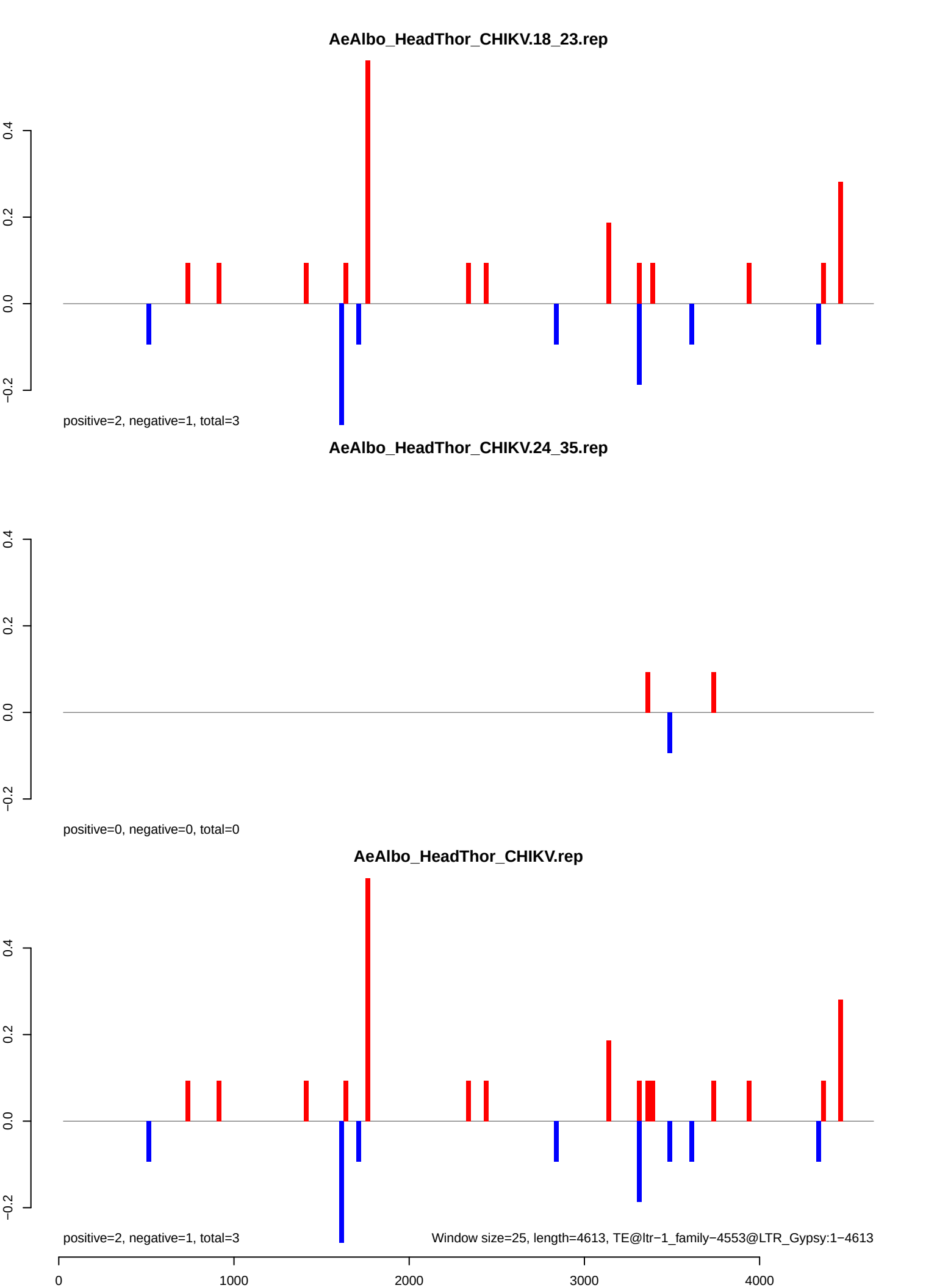

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=3, negative=8, total=10
Window size=25, length=2606, TE@ltr−1_family−4628@LTR_Gypsy:1−2606
0
500
1000
1500
2000
2500

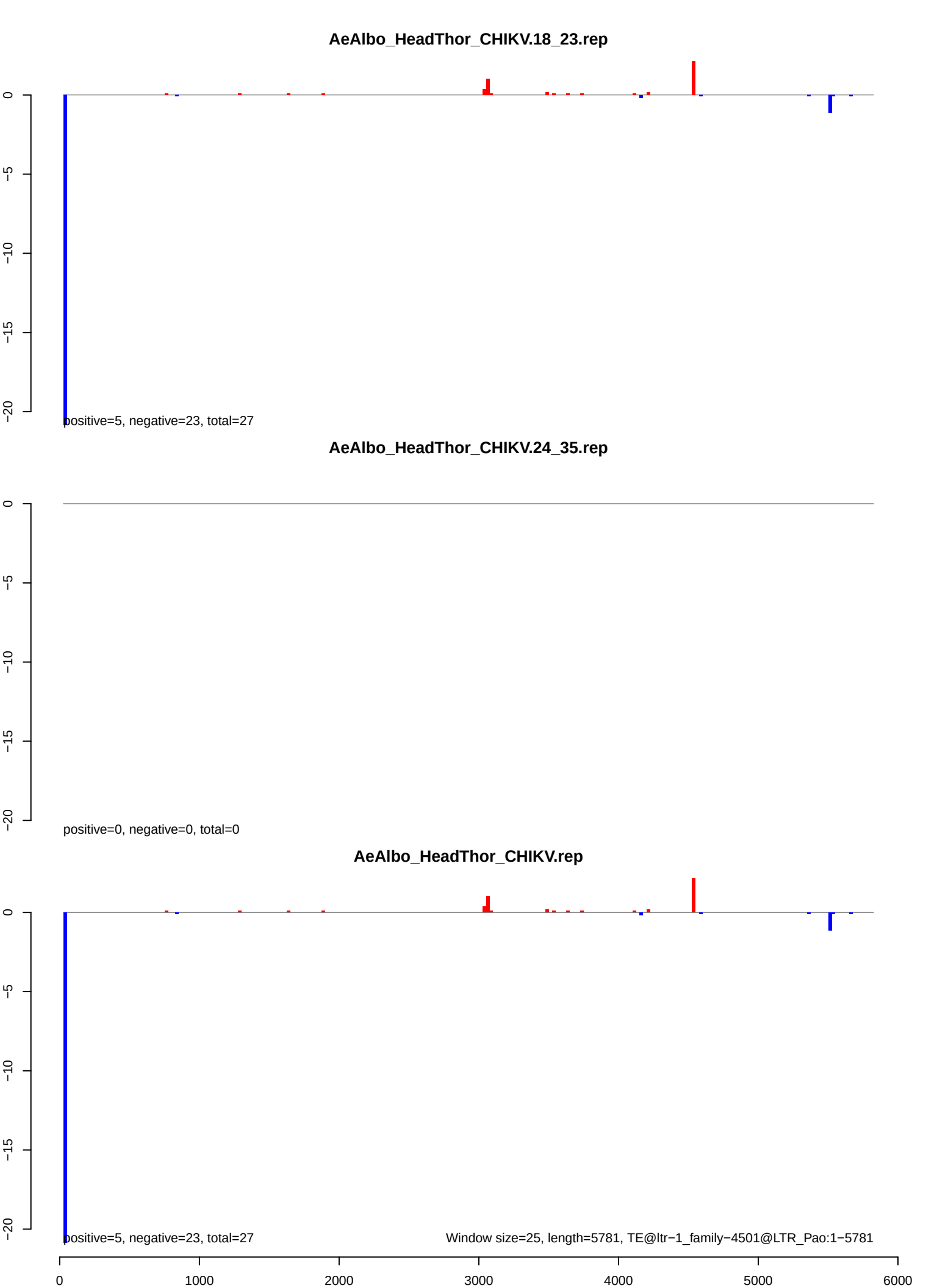

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=4, total=5

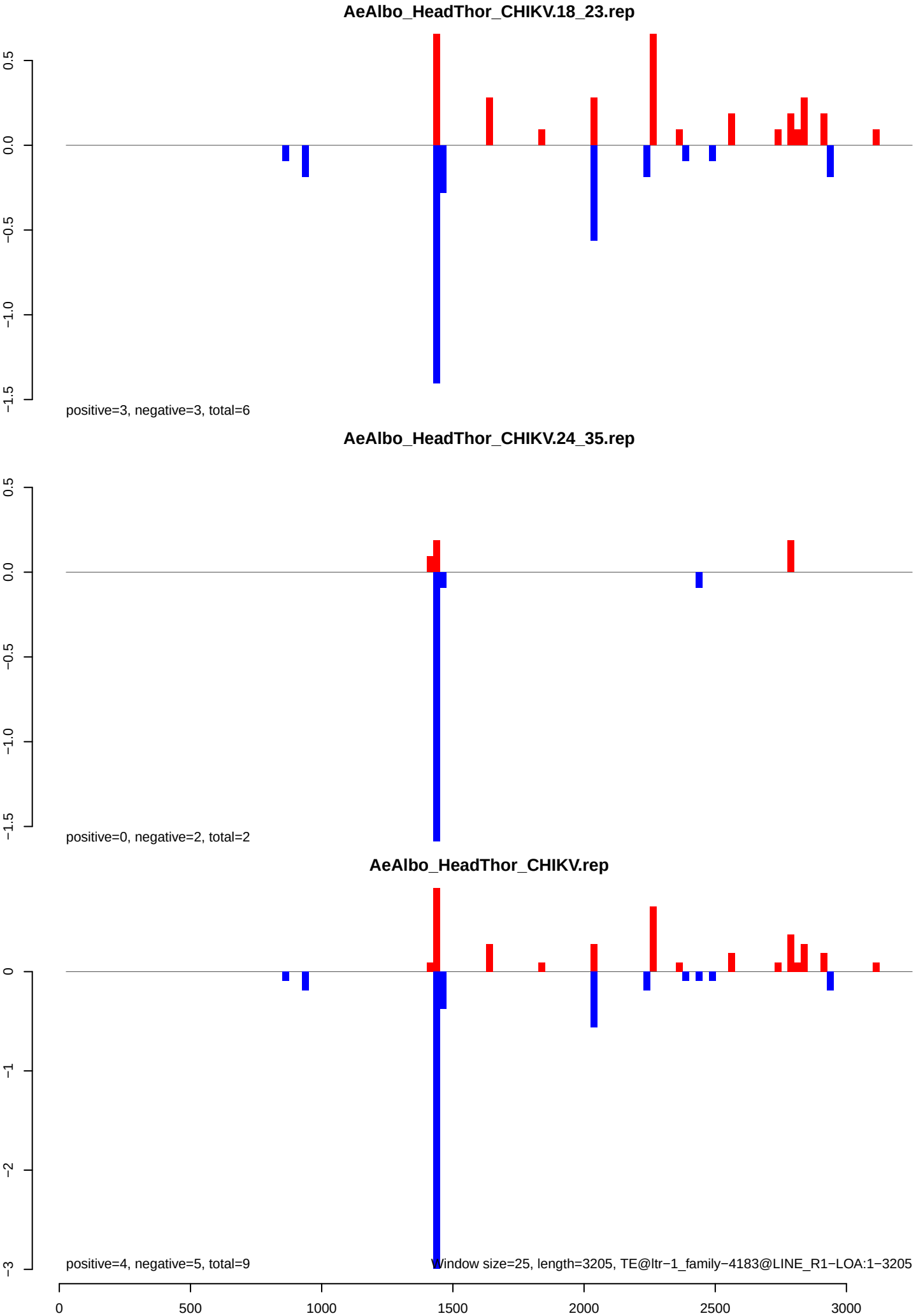
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

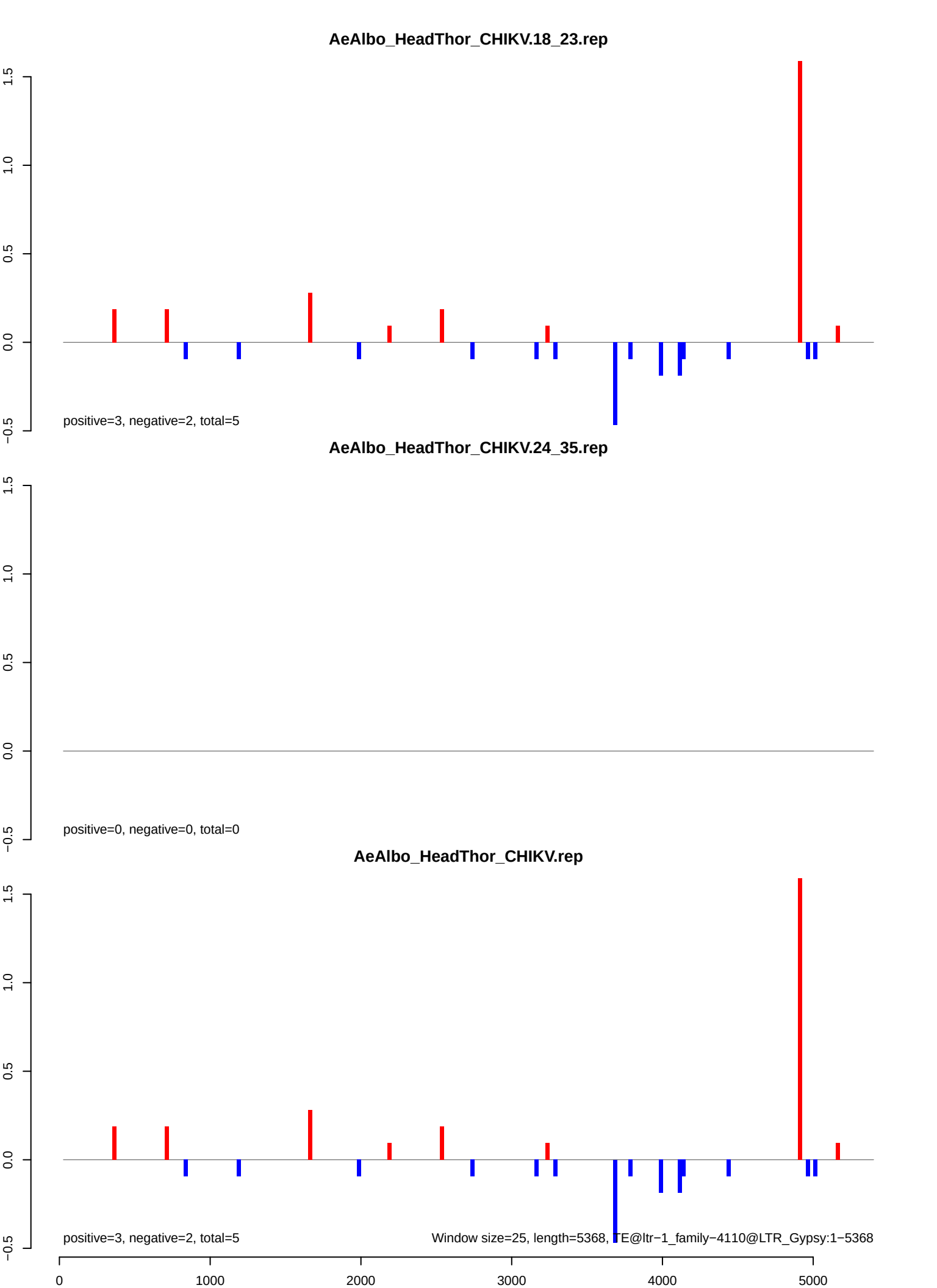
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=4, total=5
Window size=25, length=6963, TE@ltr−1_family−4624@LTR_Gypsy:1−6963
0
1000
2000
3000
4000
5000
6000
7000

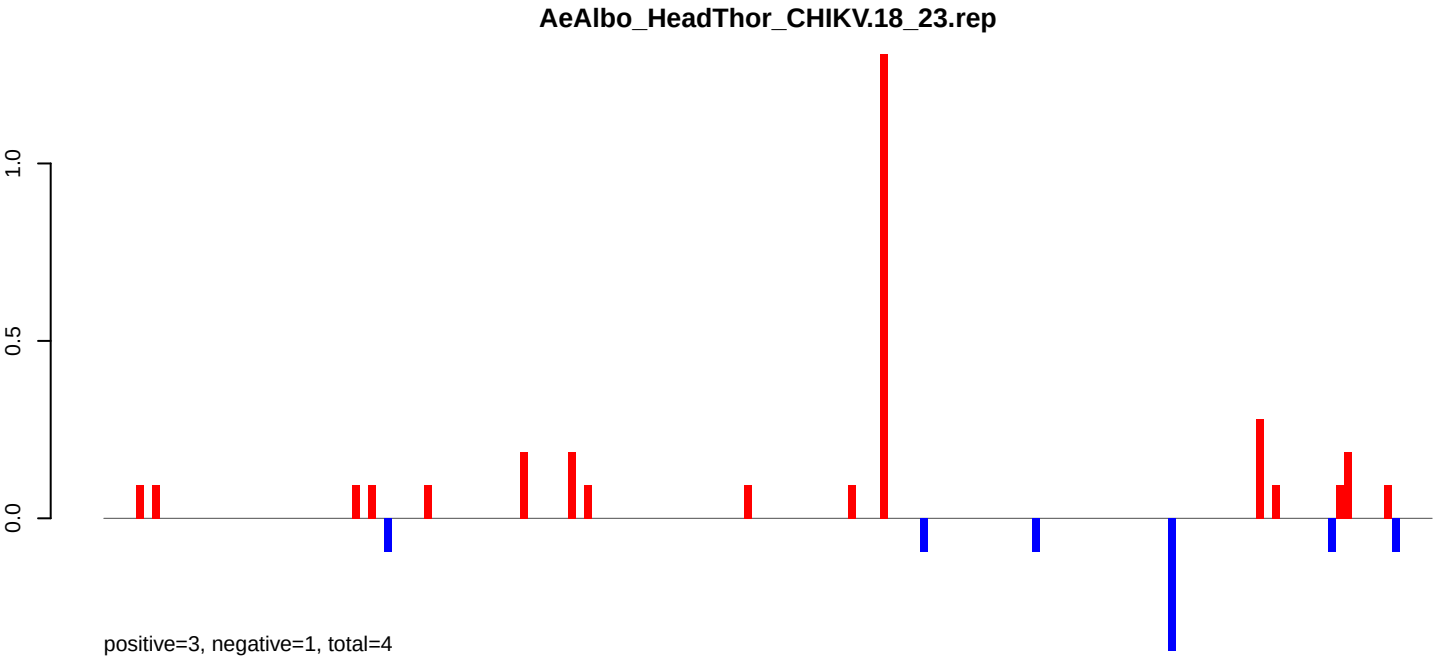

AeAlbo_HeadThor_CHIKV.18_23.rep
0
-200
-400
-600
-800
positive=6, negative=828, total=834
AeAlbo_HeadThor_CHIKV.24_35.rep
0
-200
-400
-600
-800
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
-200
-400
-600
-800
positive=6, negative=829, total=835
Window size=25, length=5555, TE@ltr-1_family-4585@LTR_Gypsy:1-5555
0
1000
2000
3000
4000
5000

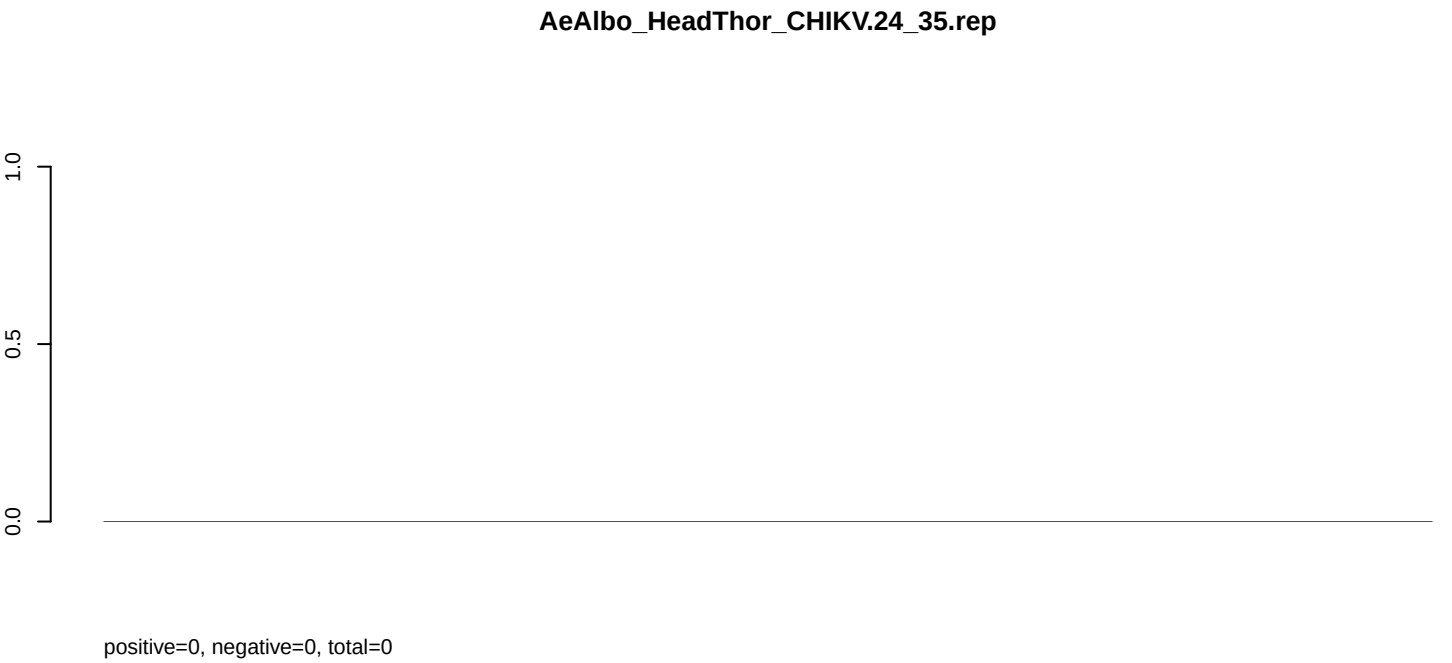

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=4613, TE@ltr−1_family−4553@LTR_Gypsy:1−4613
0
1000
2000
3000
4000

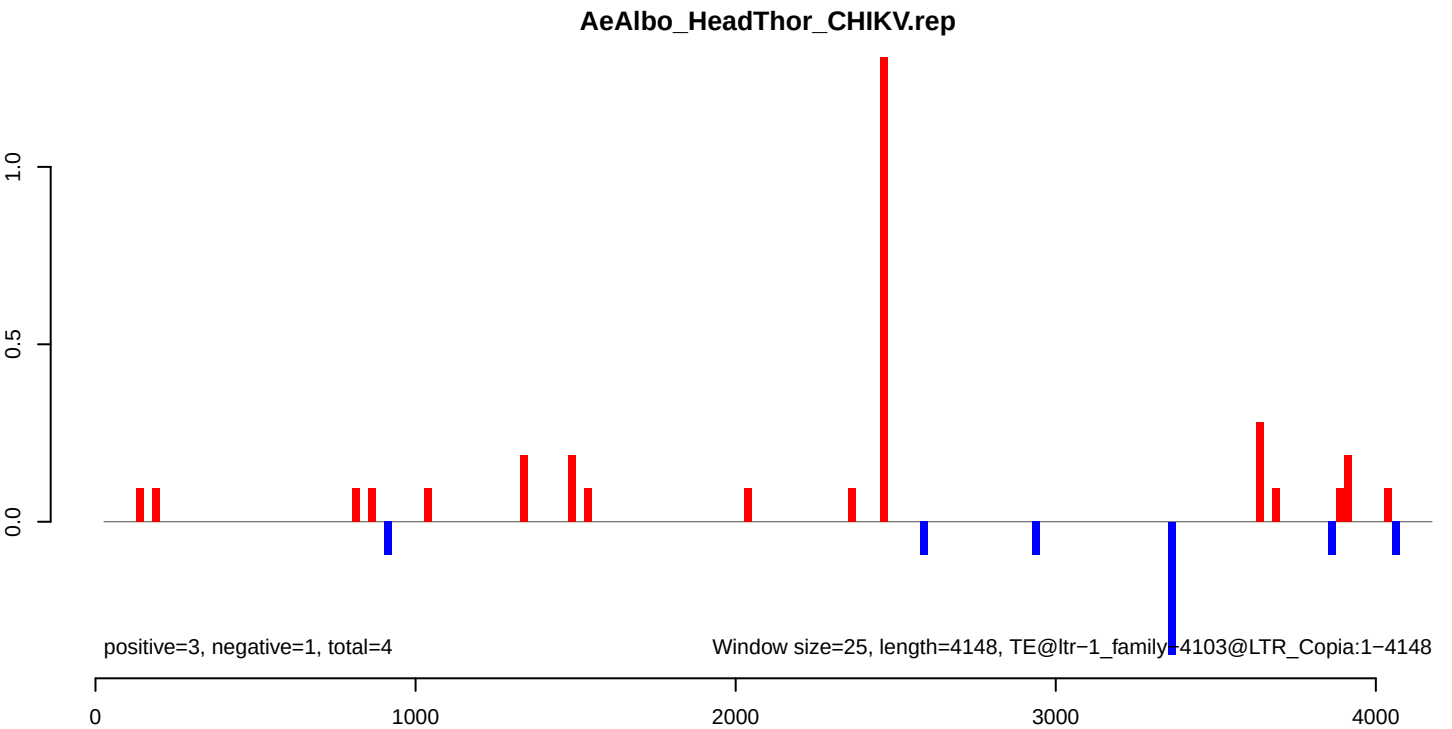

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=5, negative=23, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=5, negative=23, total=27
Window size=25, length=5781, TE@ltr−1_family−4501@LTR_Pao:1−5781
0
1000
2000
3000
4000
5000
6000

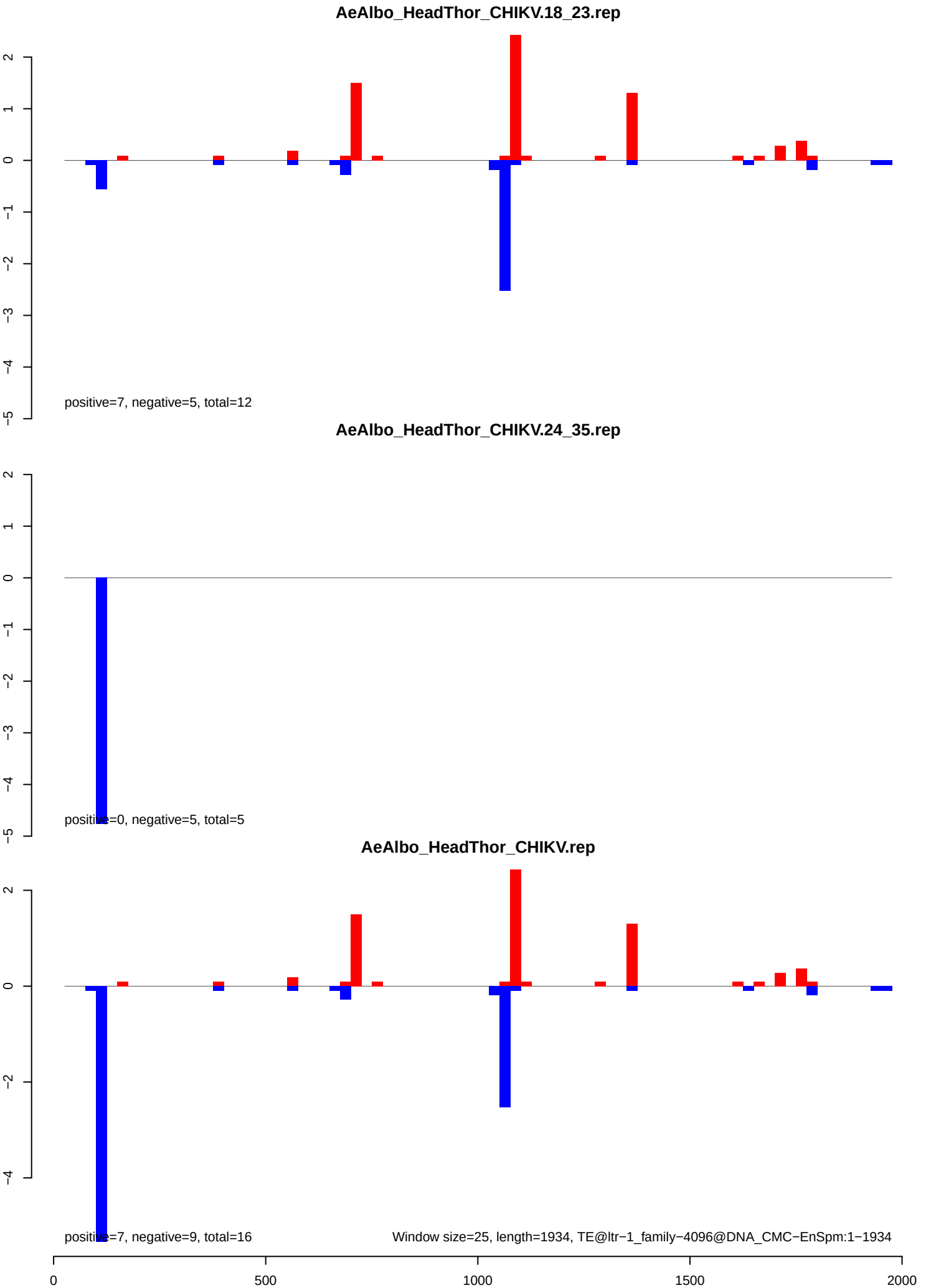

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=4, negative=5, total=9
Window size=25, length=3205, TE@ltr−1_family−4183@LINE_R1−LOA:1−3205
0
500
1000
1500
2000
2500
3000

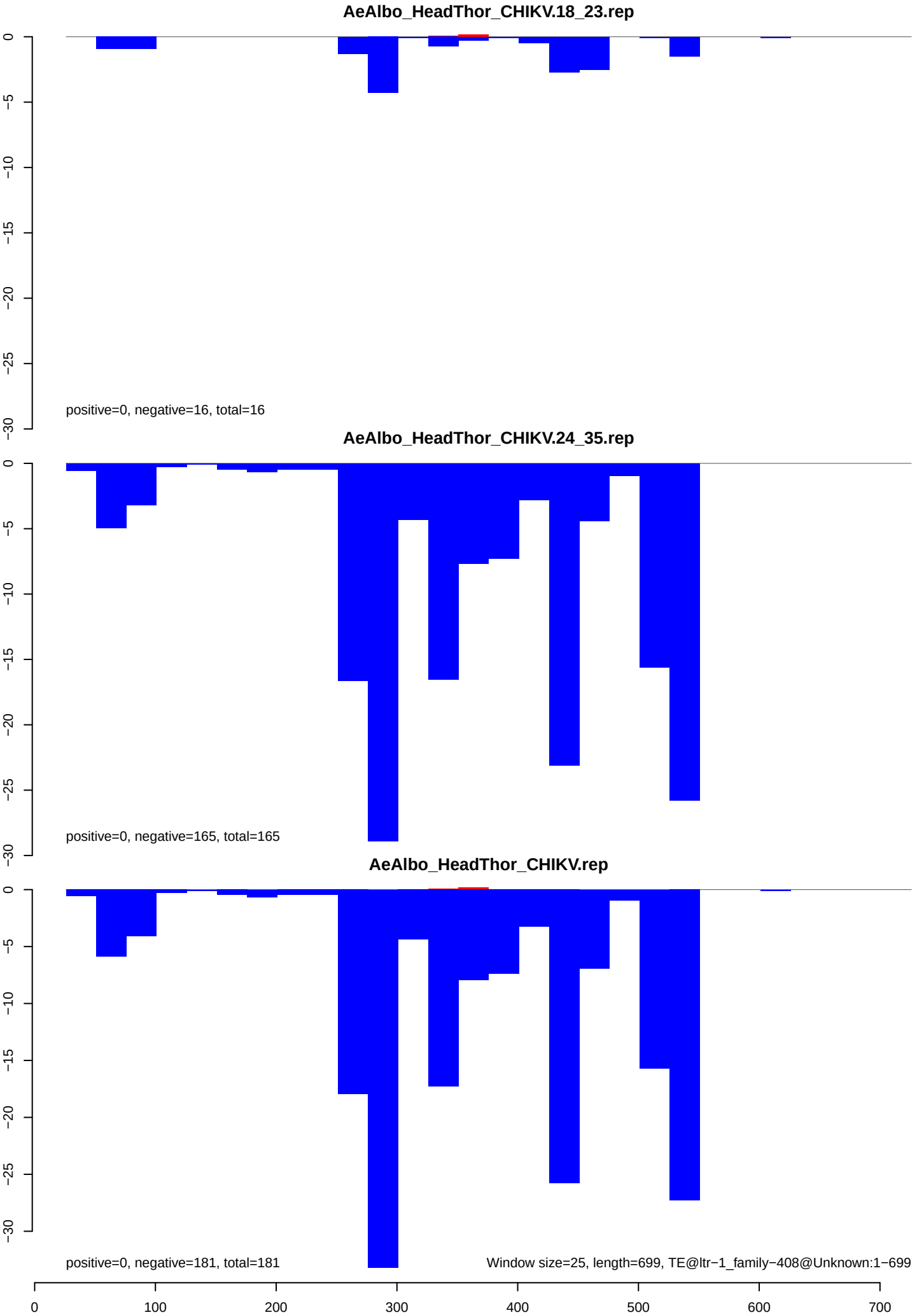

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=5
Window size=25, length=5368, TE@ltr−1_family−4110@LTR_Gypsy:1−5368
0
1000
2000
3000
4000
5000

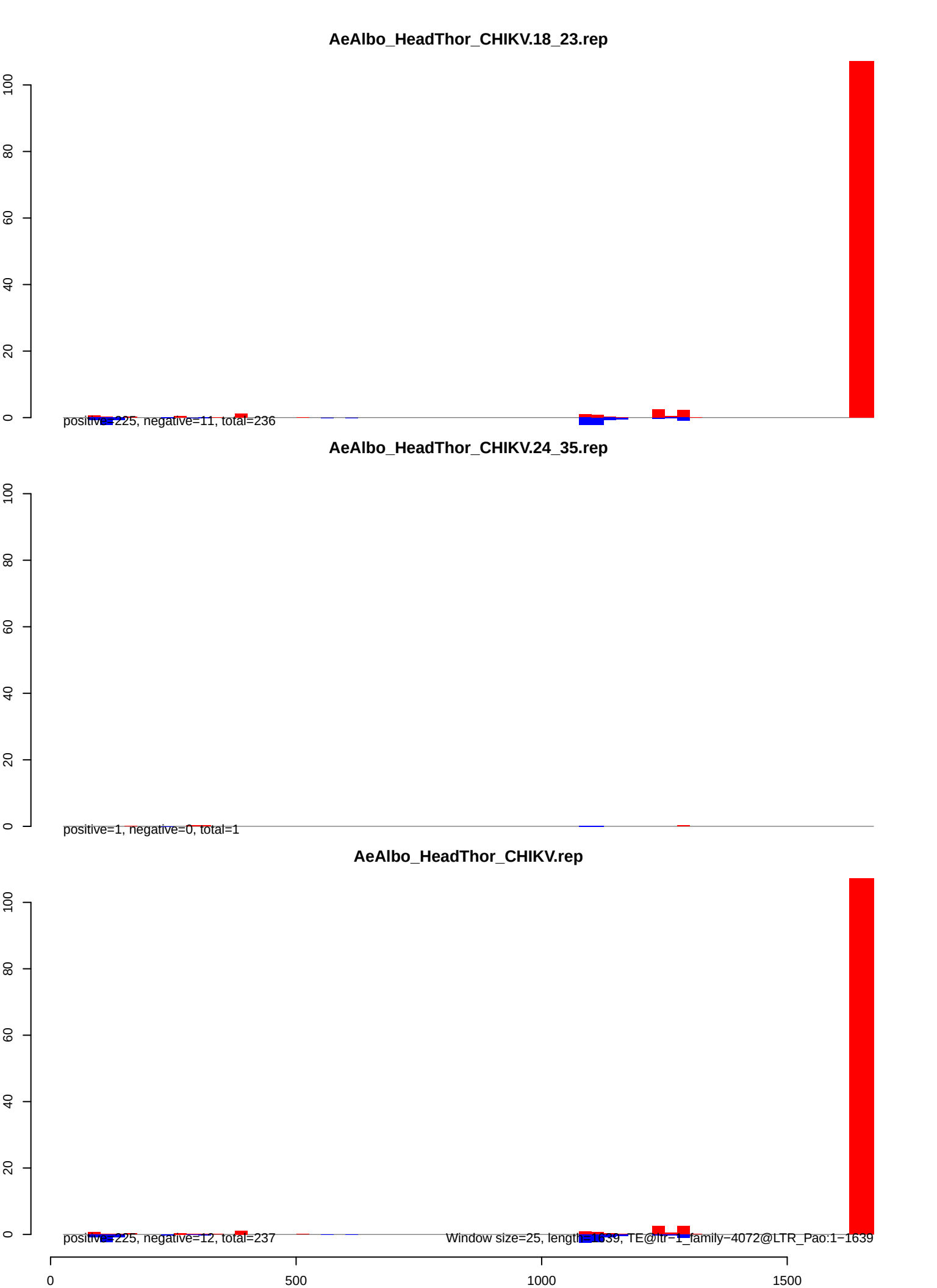

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=1, total=4

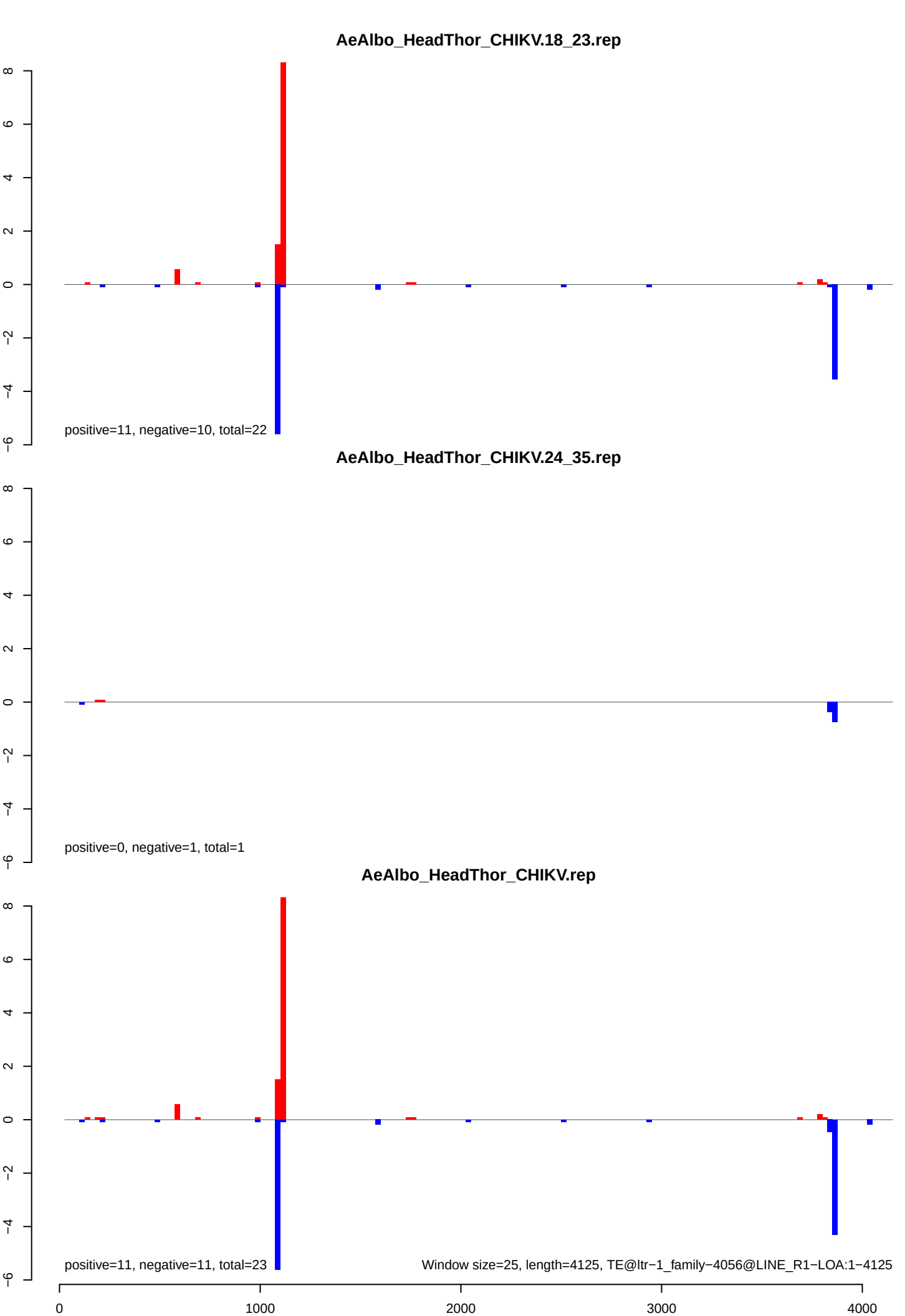

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0

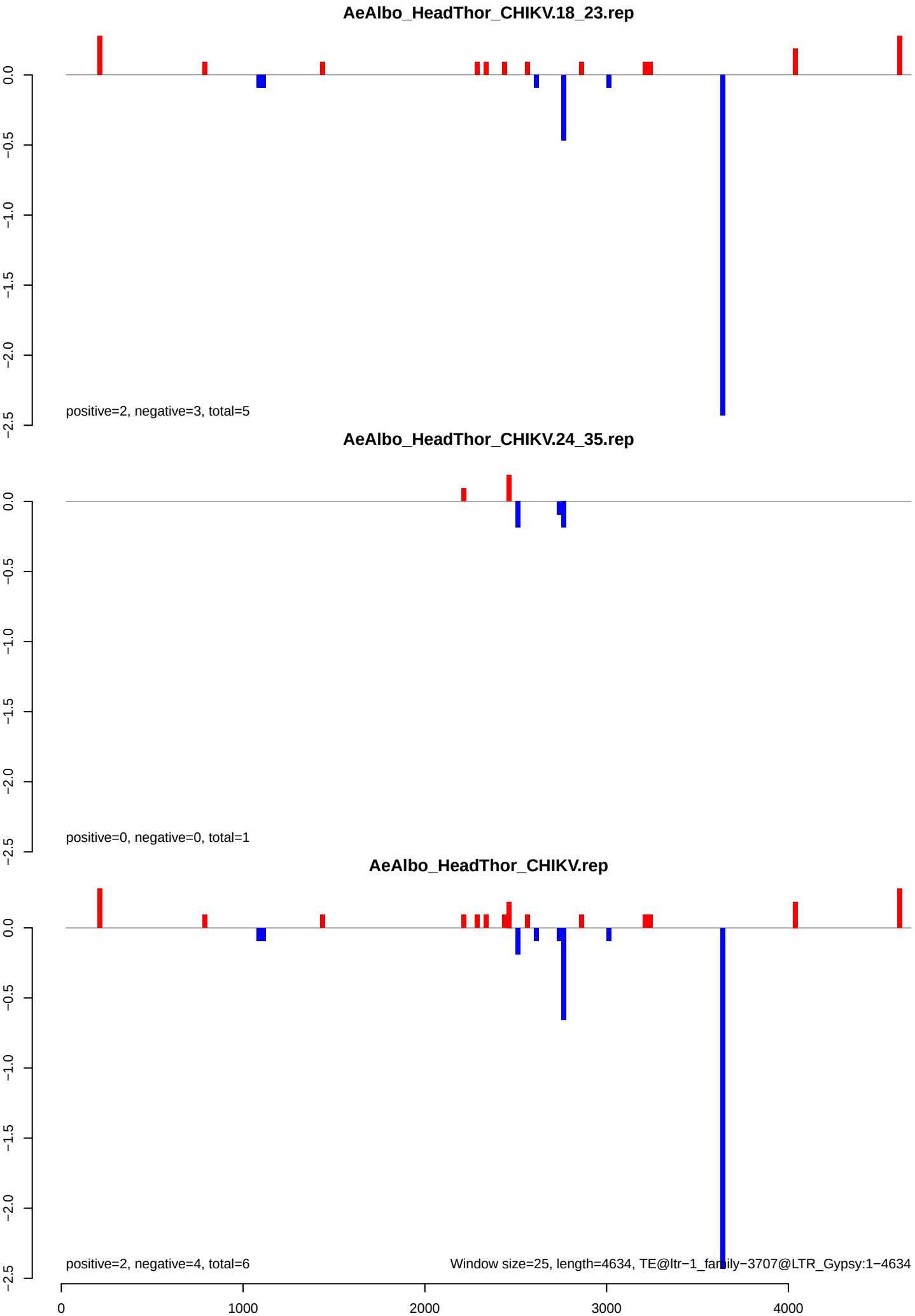

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=3, negative=1, total=4
Window size=25, length=4148, TE@ltr−1_family−4103@LTR_Copia:1−4148
0
1000
2000
3000
4000

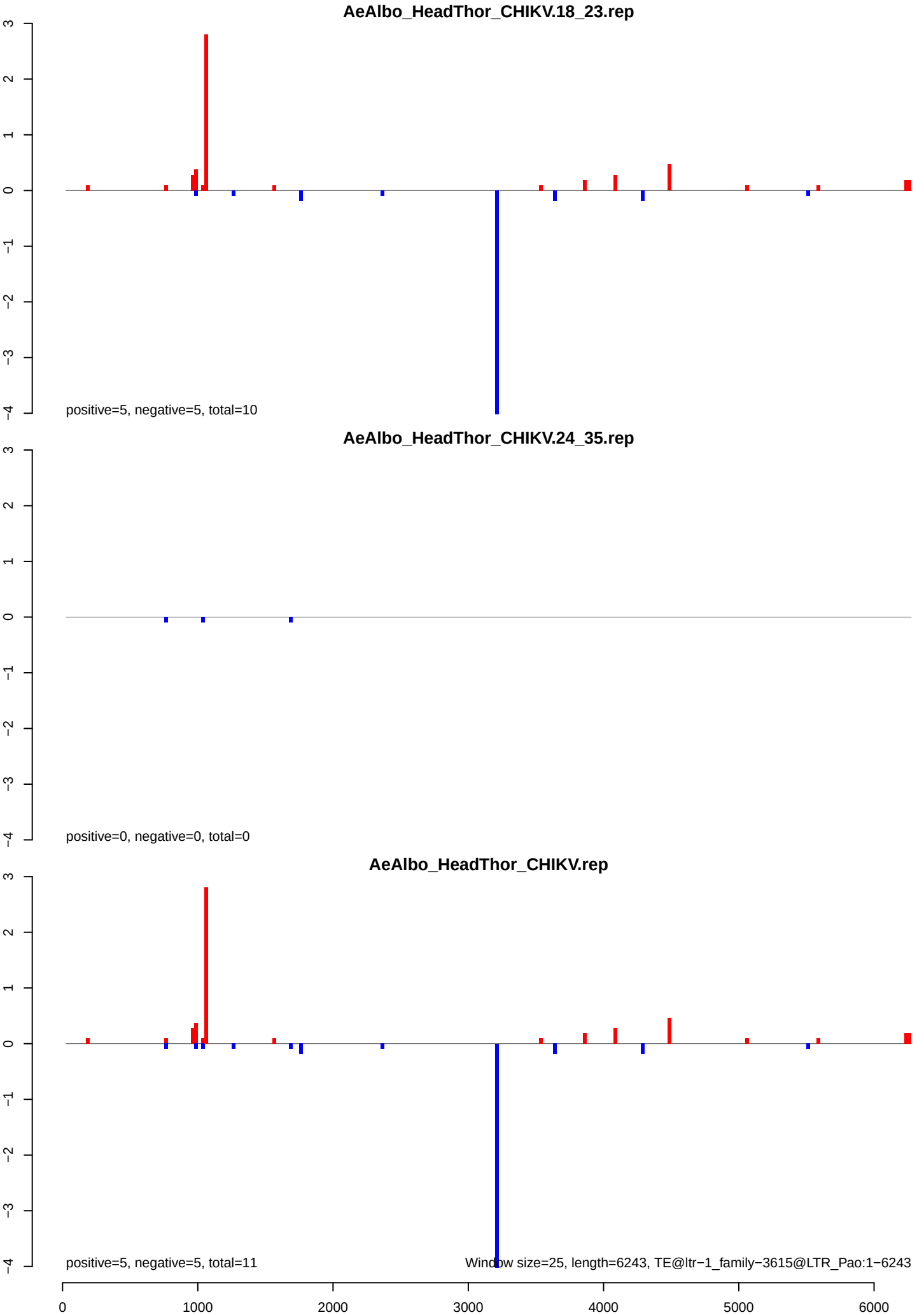

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=5, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=9, total=16
Window size=25, length=1934, TE@ltr−1_family−4096@DNA_CMC−EnSpm:1−1934
0
500
1000
1500
2000

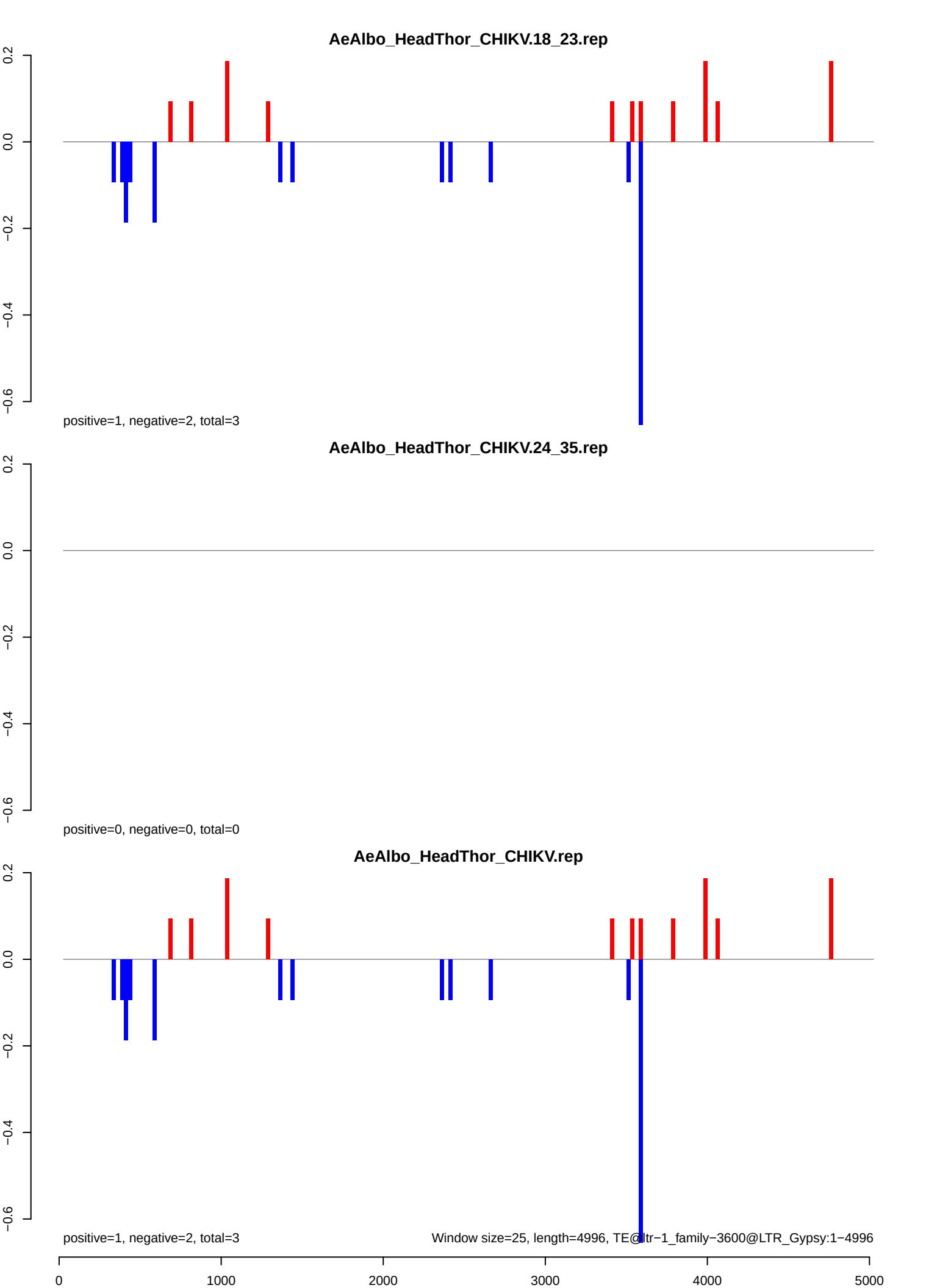

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=16, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=165, total=165
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=181, total=181
Window size=25, length=699, TE@ltr−1_family−408@Unknown:1−699
0
−5
−10
−15
−20
−25
−30
0
100
200
300
400
500
600
700

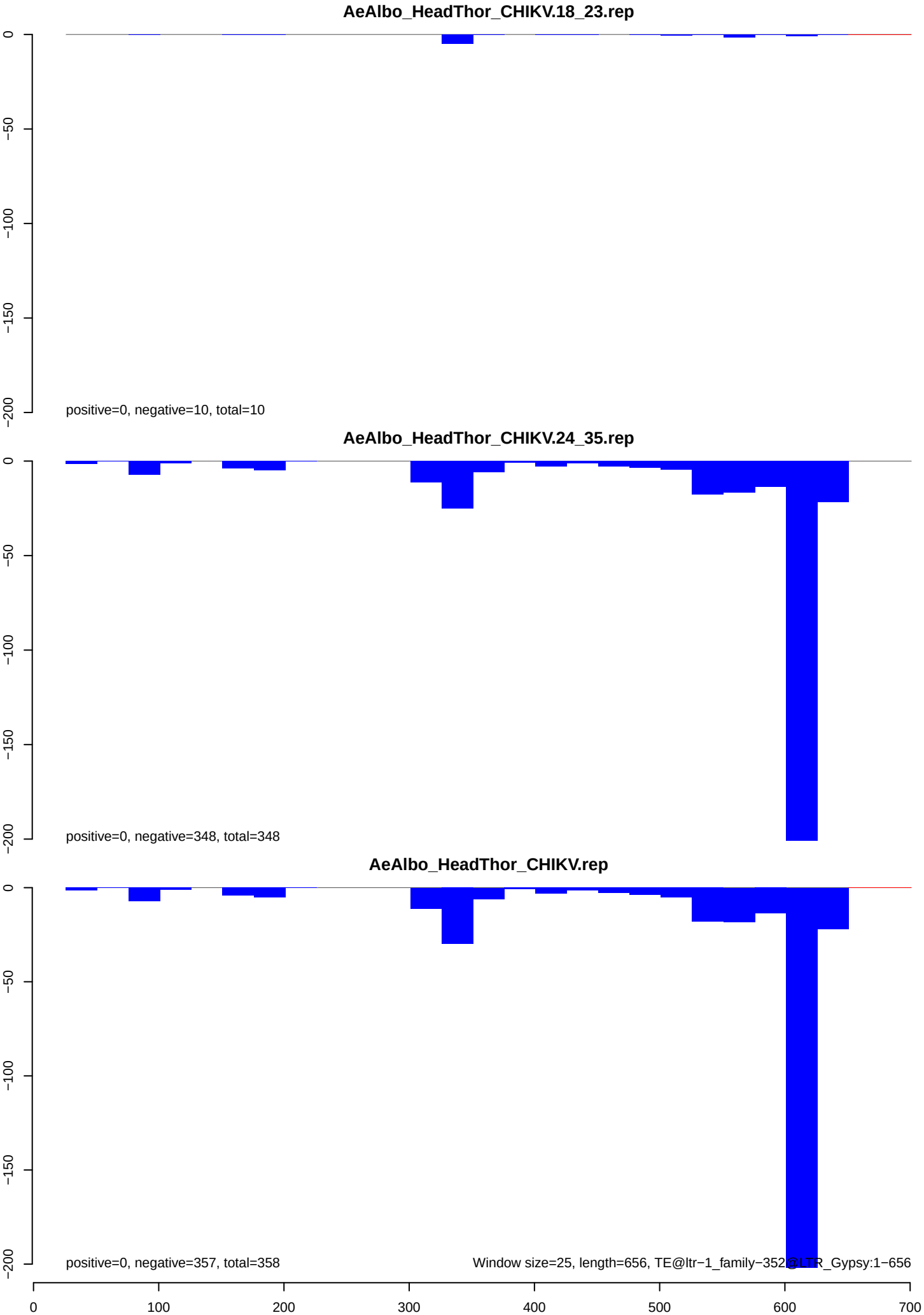

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=225, negative=11, total=236
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=225, negative=12, total=237
Window size=25, length=1639, TE@ltr−1_family−4072@LTR_Pao:1−1639
0
20
40
60
80
100
0
500
1000
1500

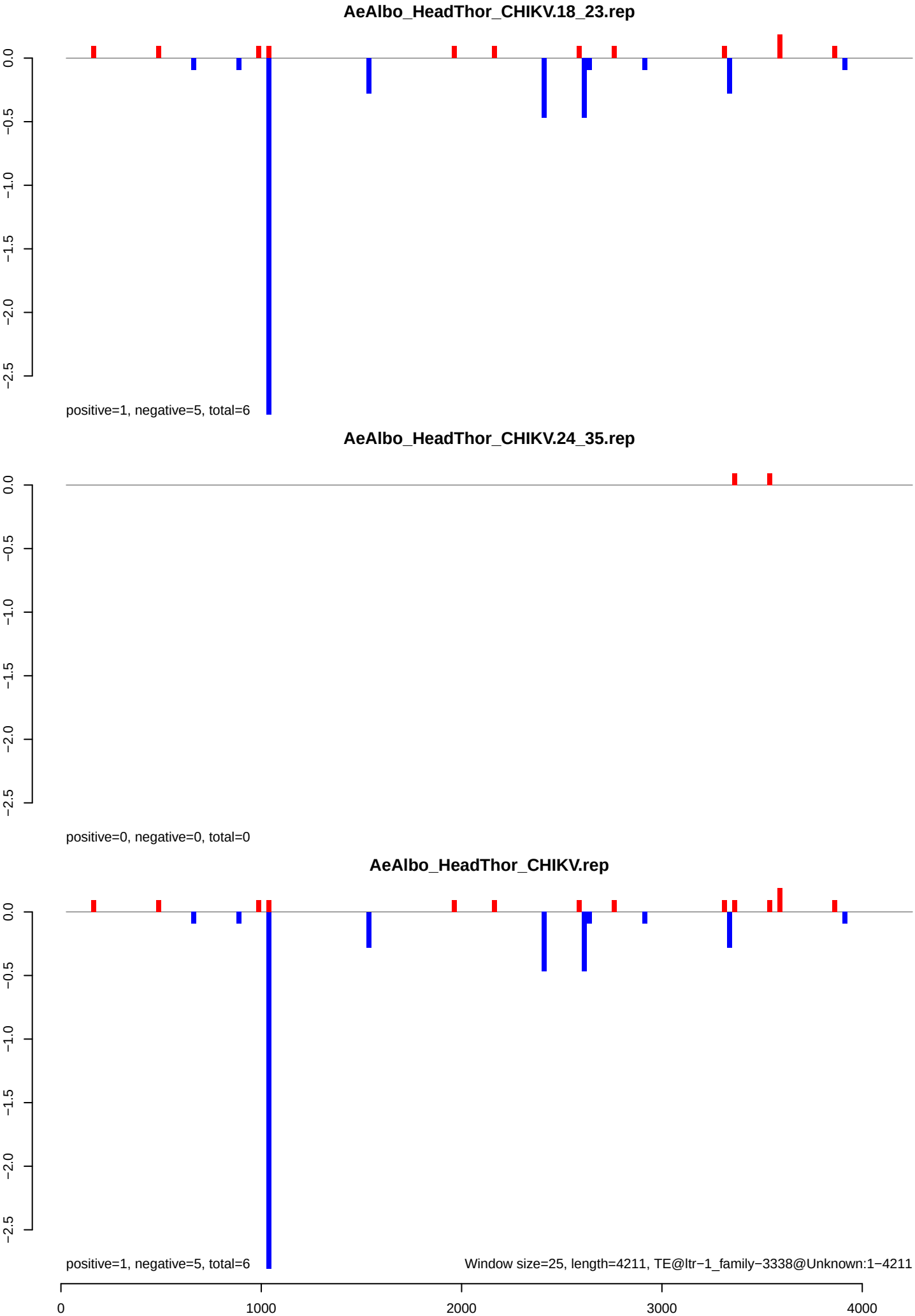

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=11, negative=10, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=11, total=23
Window size=25, length=4125, TE@ltr−1_family−4056@LINE_R1−LOA:1−4125
8
6
4
2
0
−2
−4
−6
0
1000
2000
3000
4000

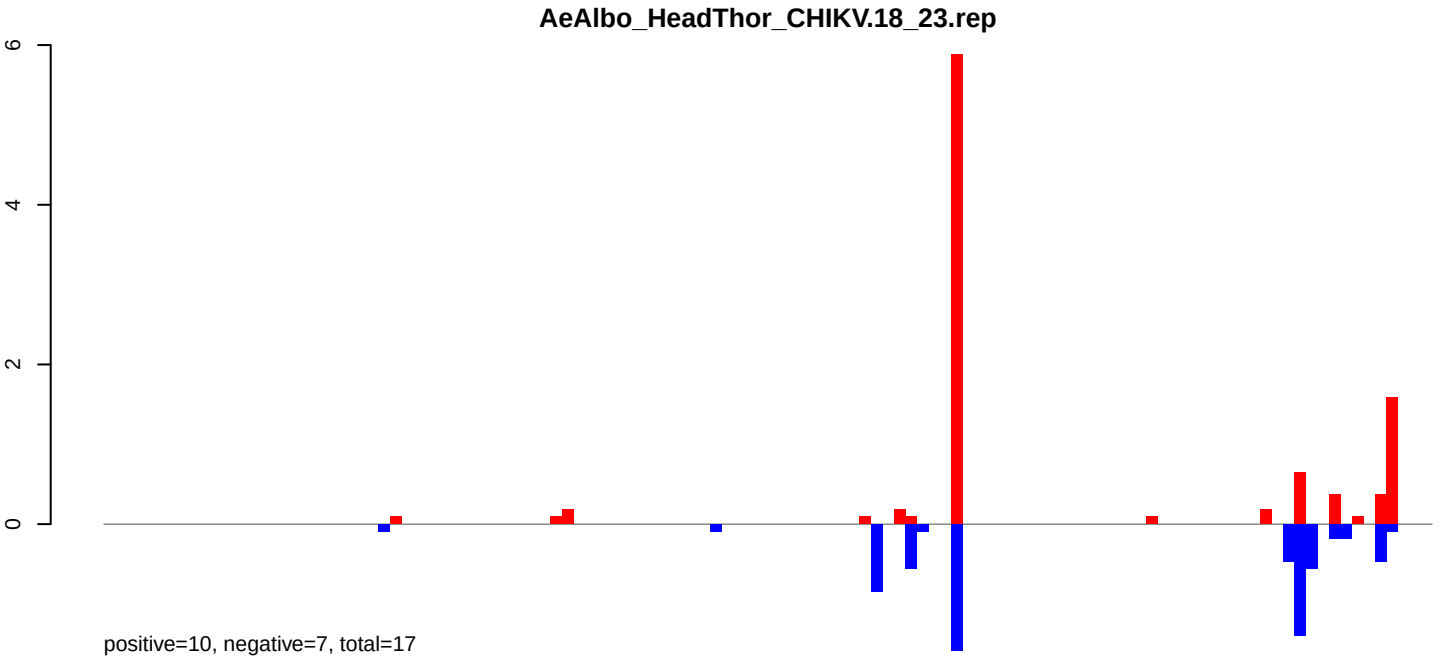

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=4, total=6
Window size=25, length=4634, TE@ltr−1_family−3707@LTR_Gypsy:1−4634
0
1000
2000
3000
4000

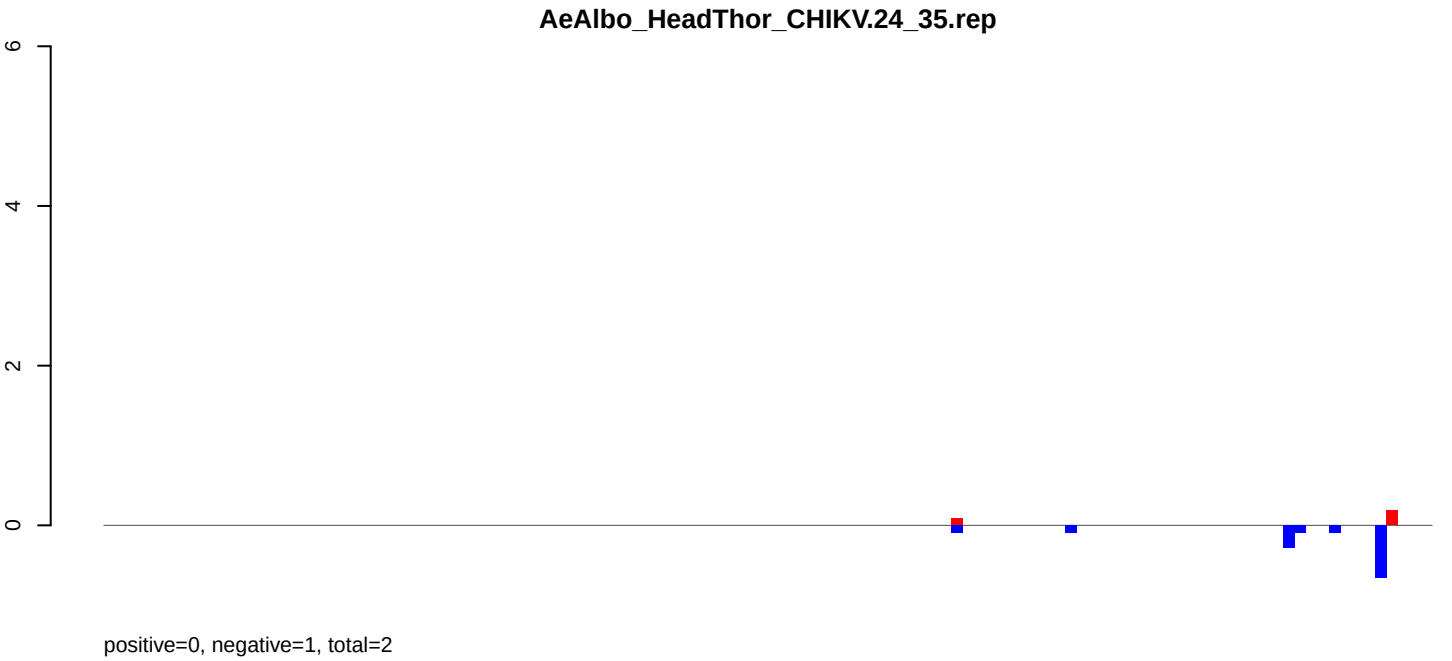

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=5, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=5, total=11
Window size=25, length=6243, TE@ltr−1_family−3615@LTR_Pao:1−6243
3
2
1
0
−1
−2
−3
−4
0
1000
2000
3000
4000
5000
6000

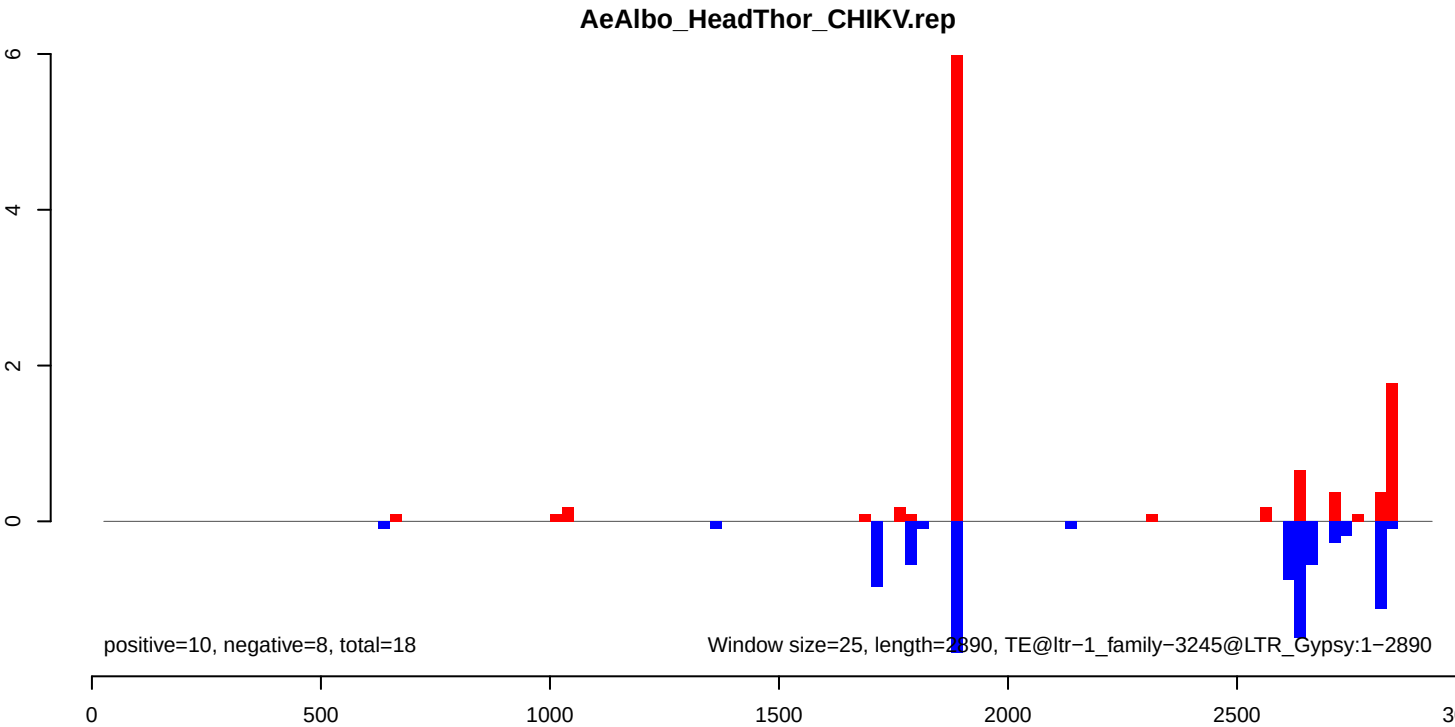

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
Window size=25, length=4996, TE@ltr−1_family−3600@LTR_Gypsy:1−4996
0
1000
2000
3000
4000
5000

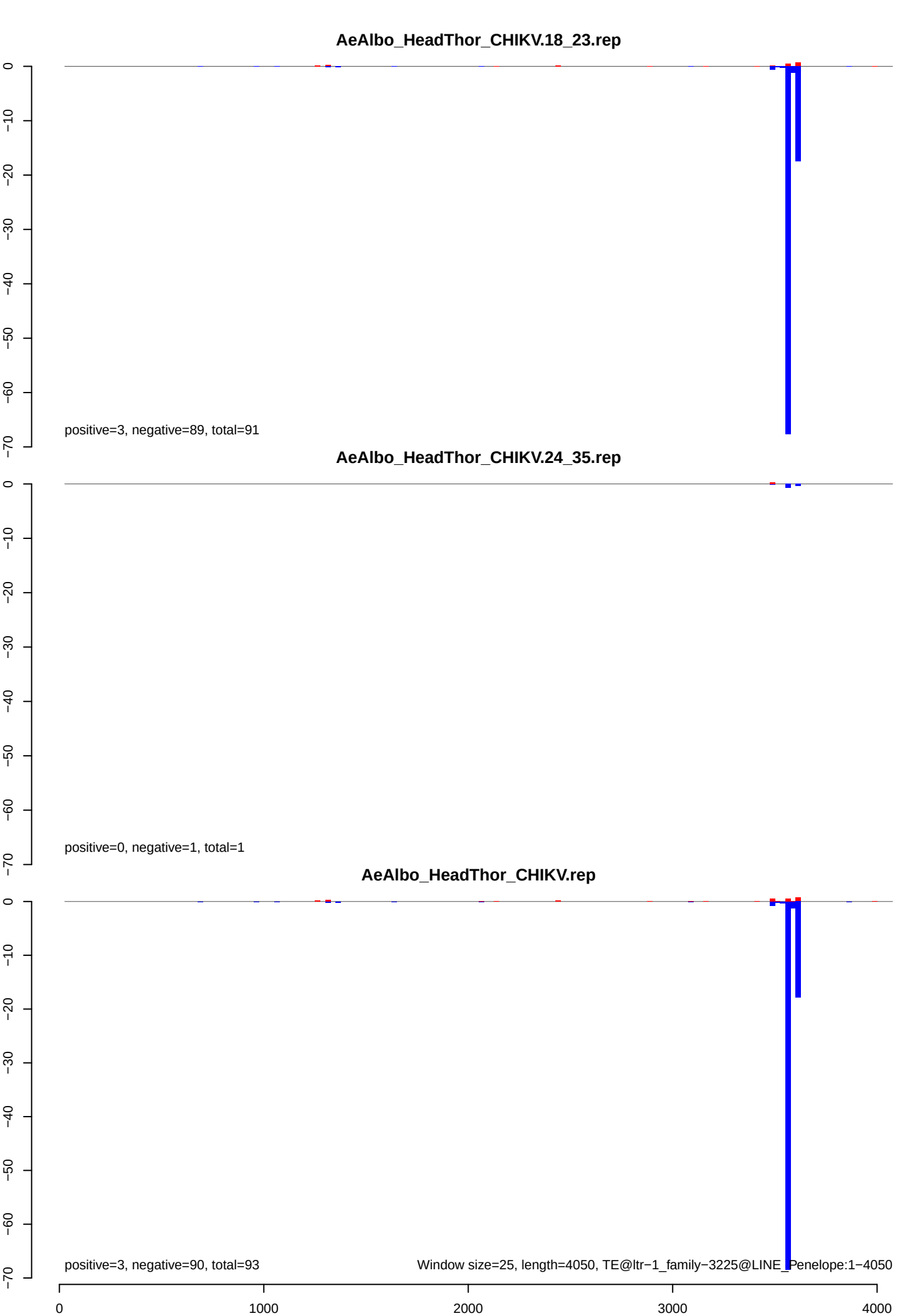

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
−200
positive=0, negative=10, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
−200
positive=0, negative=348, total=348
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
−200
positive=0, negative=357, total=358
Window size=25, length=656, TE@ltr−1_family−352@LTR_Gypsy:1−656
0
100
200
300
400
500
600
700

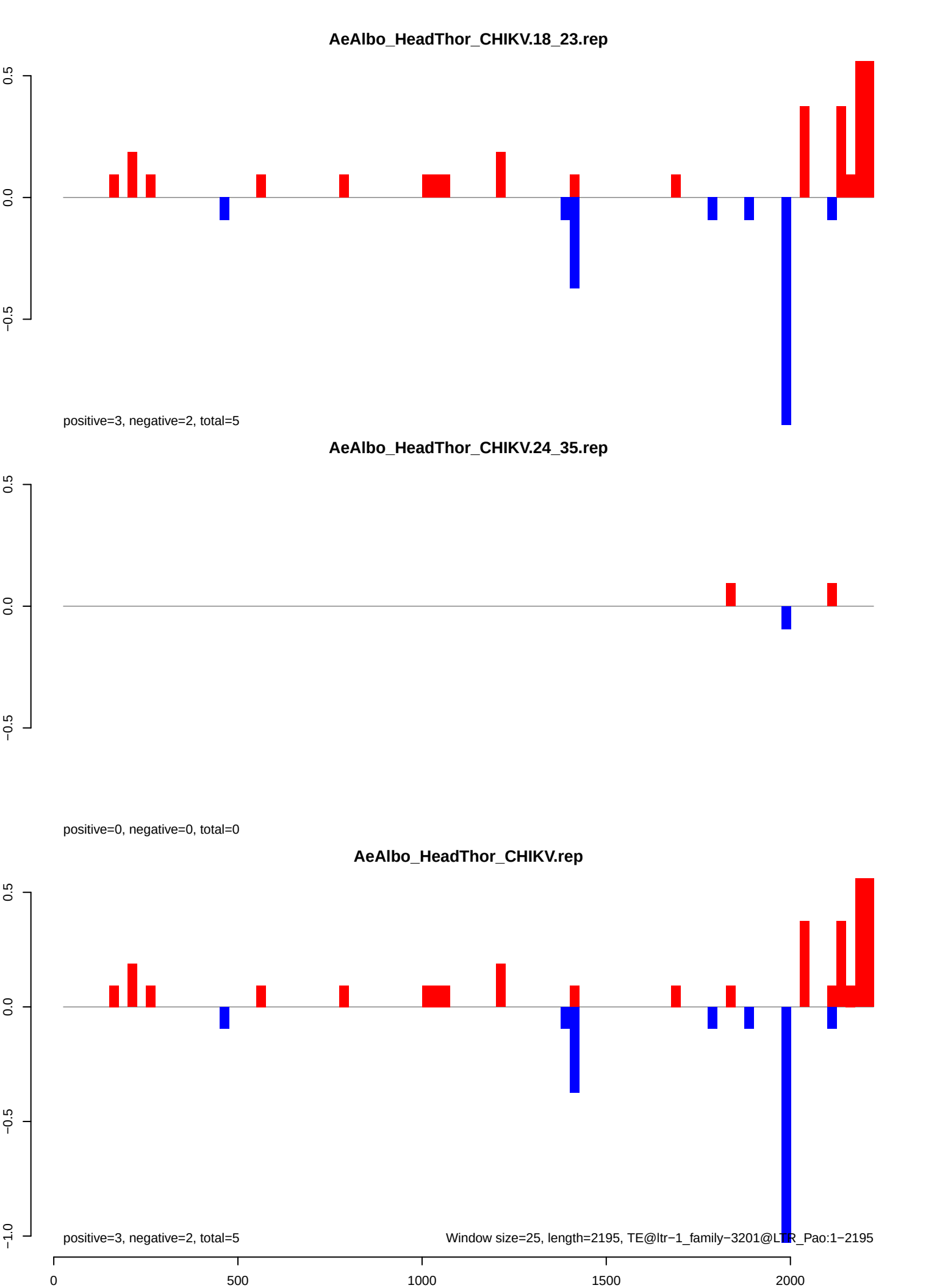

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=5, total=6
Window size=25, length=4211, TE@ltr−1_family−3338@Unknown:1−4211
0
1000
2000
3000
4000

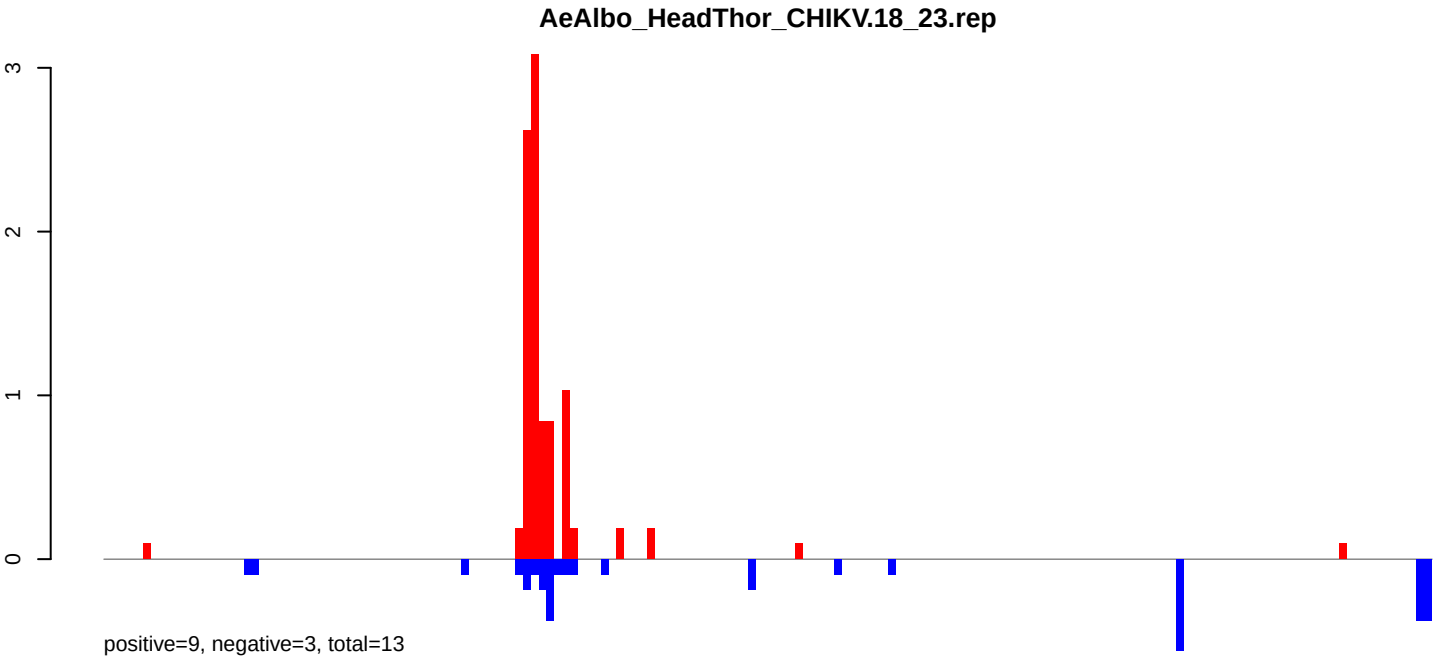

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
positive=10, negative=7, total=17

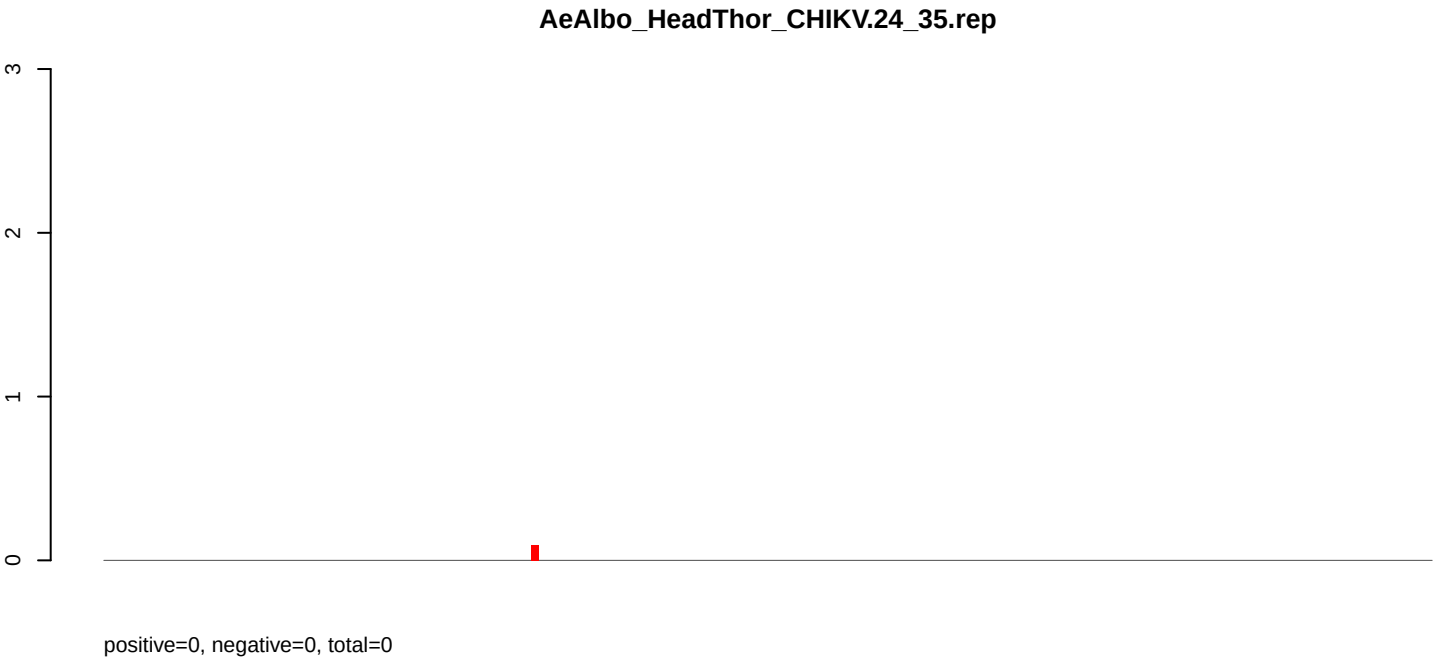

AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
positive=0, negative=1, total=2

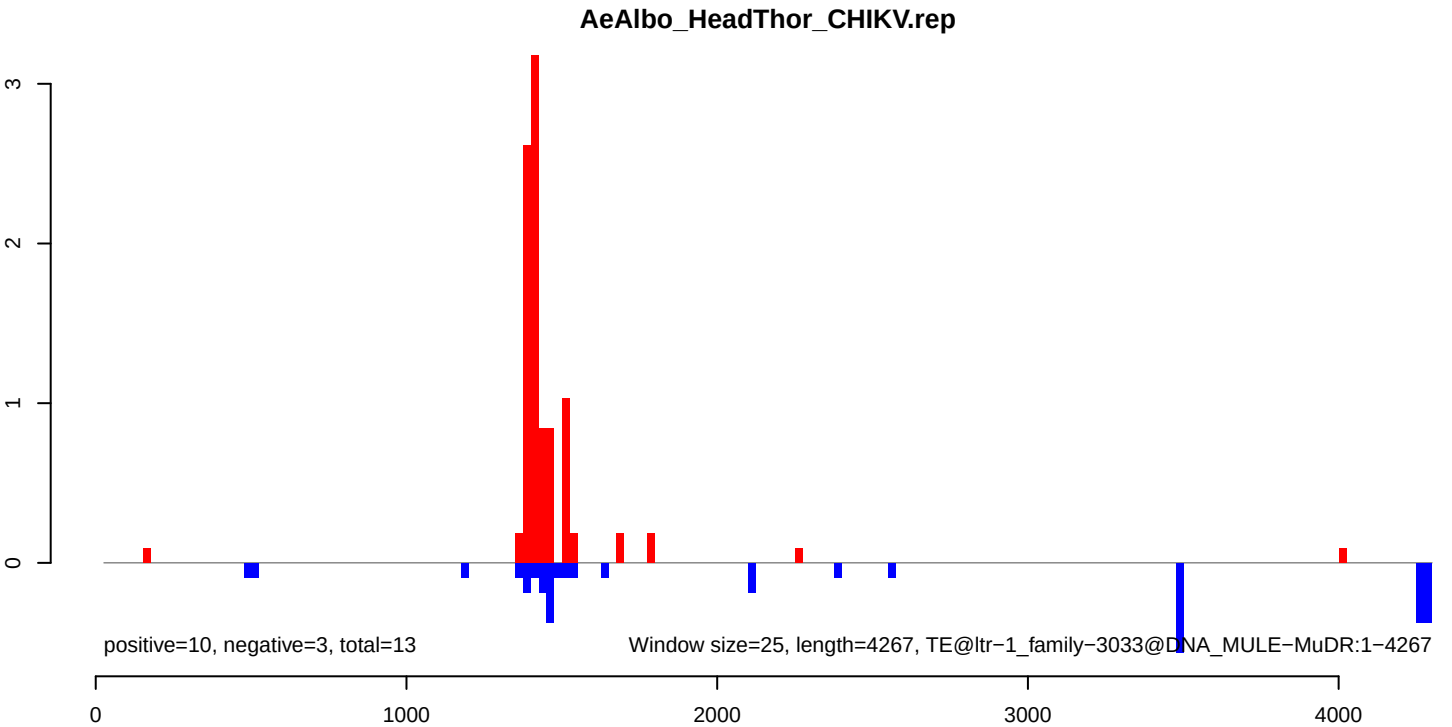

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
positive=10, negative=8, total=18
Window size=25, length=2890, TE@ltr−1_family−3245@LTR_Gypsy:1−2890
0
500
1000
1500
2000
2500
3000

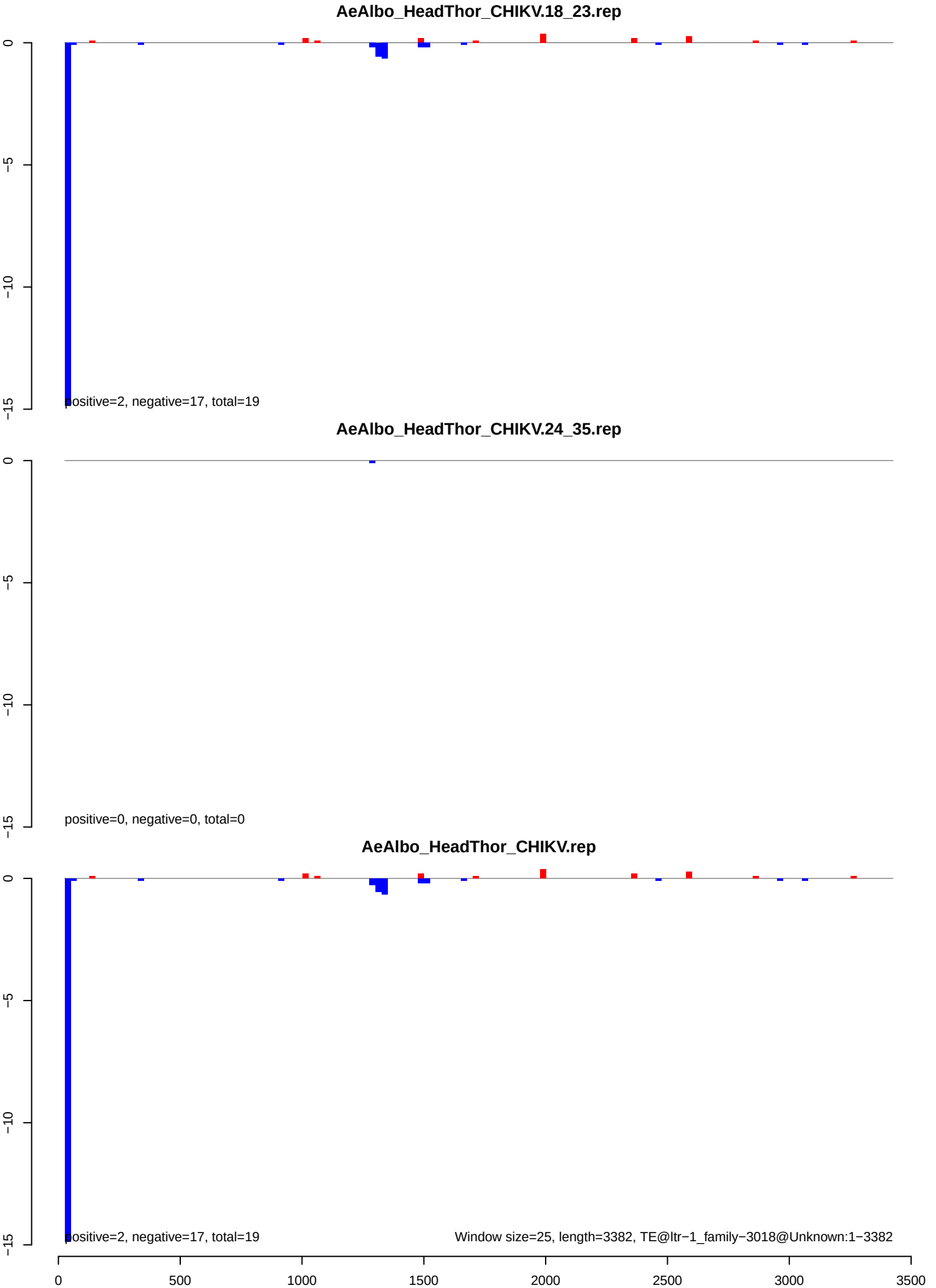

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
−60
−70
positive=3, negative=89, total=91
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
−50
−60
−70
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
−60
−70
positive=3, negative=90, total=93
Window size=25, length=4050, TE@ltr−1_family−3225@LINE_Penelope:1−4050
0
1000
2000
3000
4000

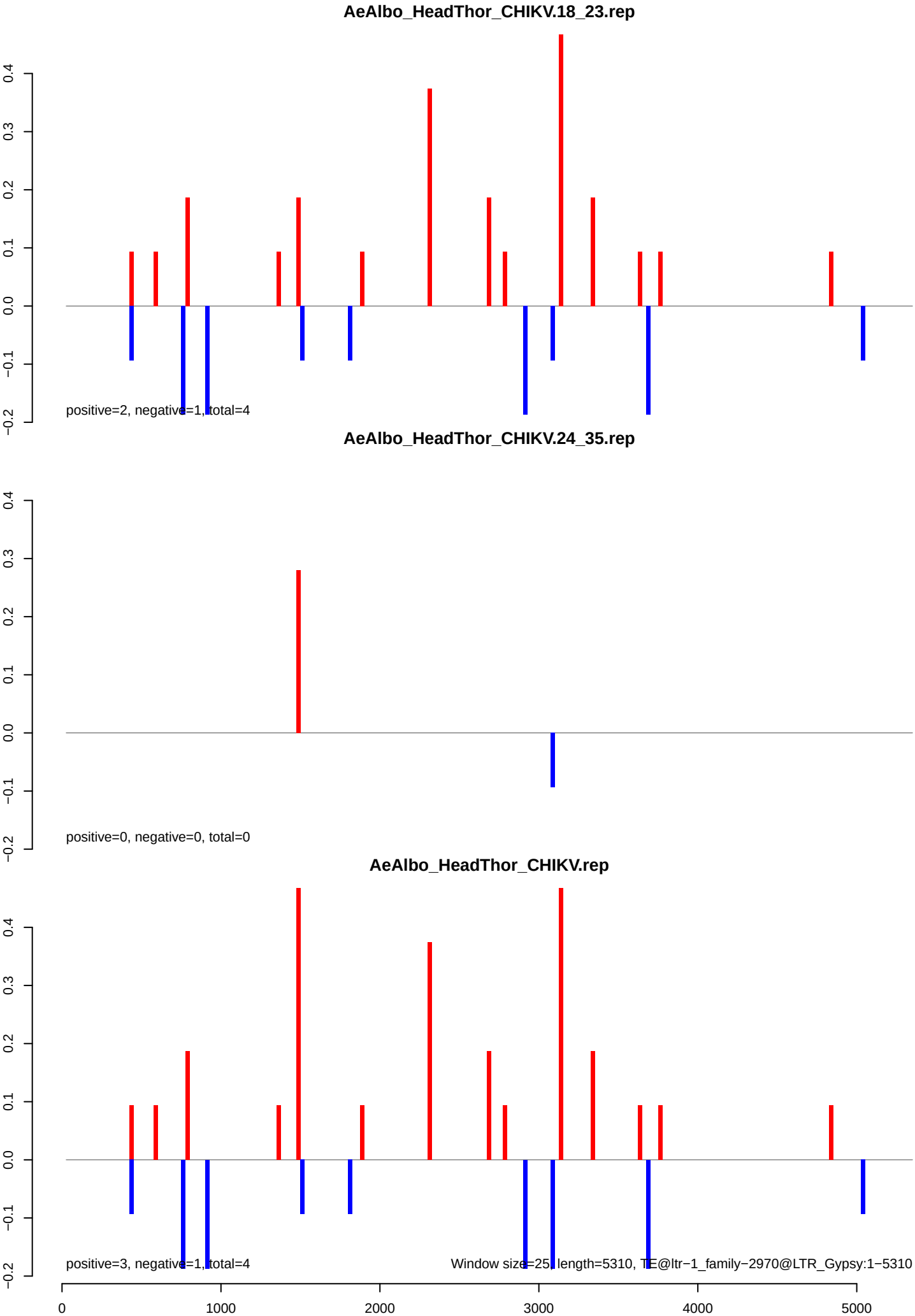

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=2, total=5
Window size=25, length=2195, TE@ltr−1_family−3201@LTR_Pao:1−2195
0
500
1000
1500
2000

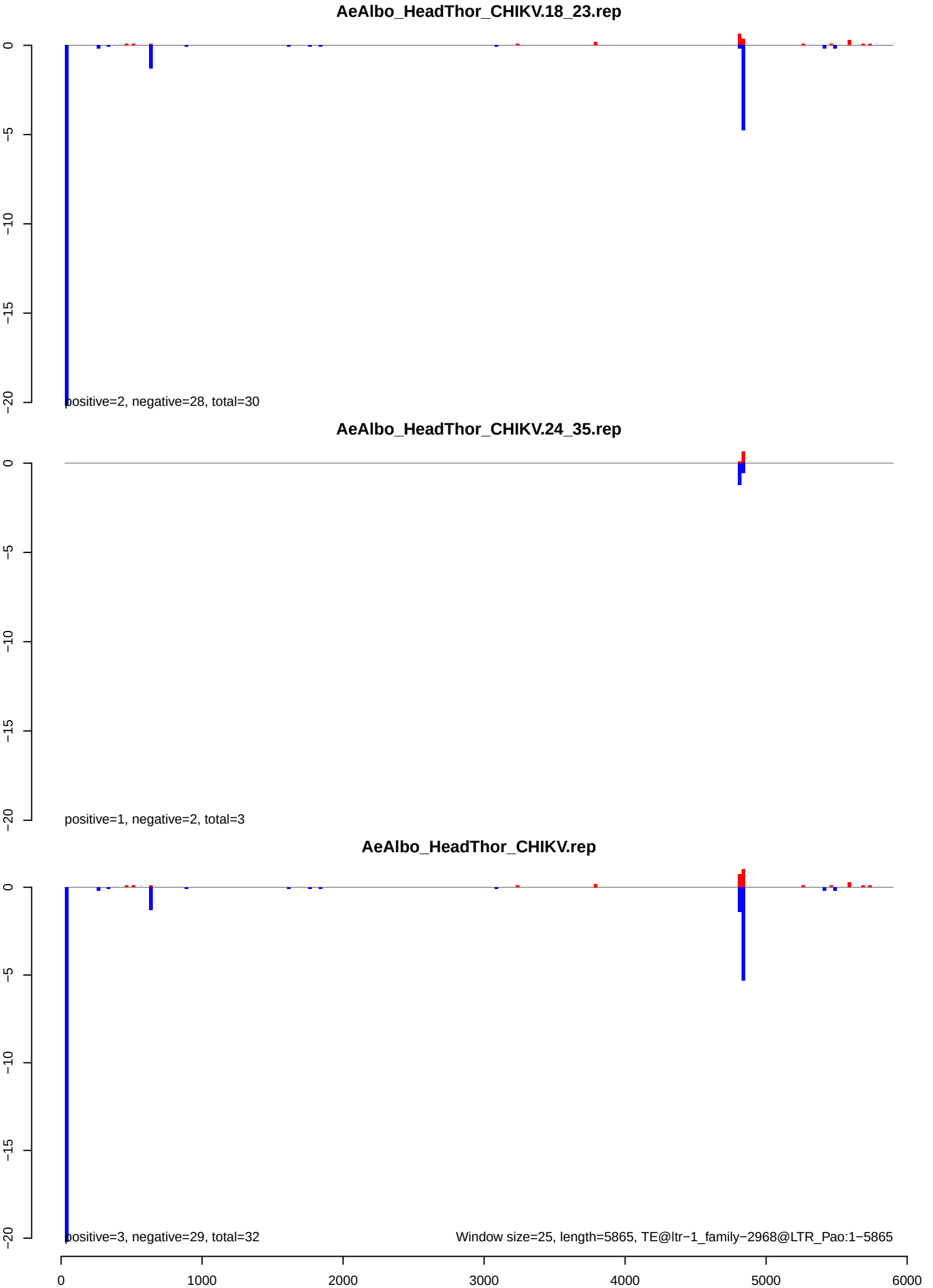

AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
positive=9, negative=3, total=13

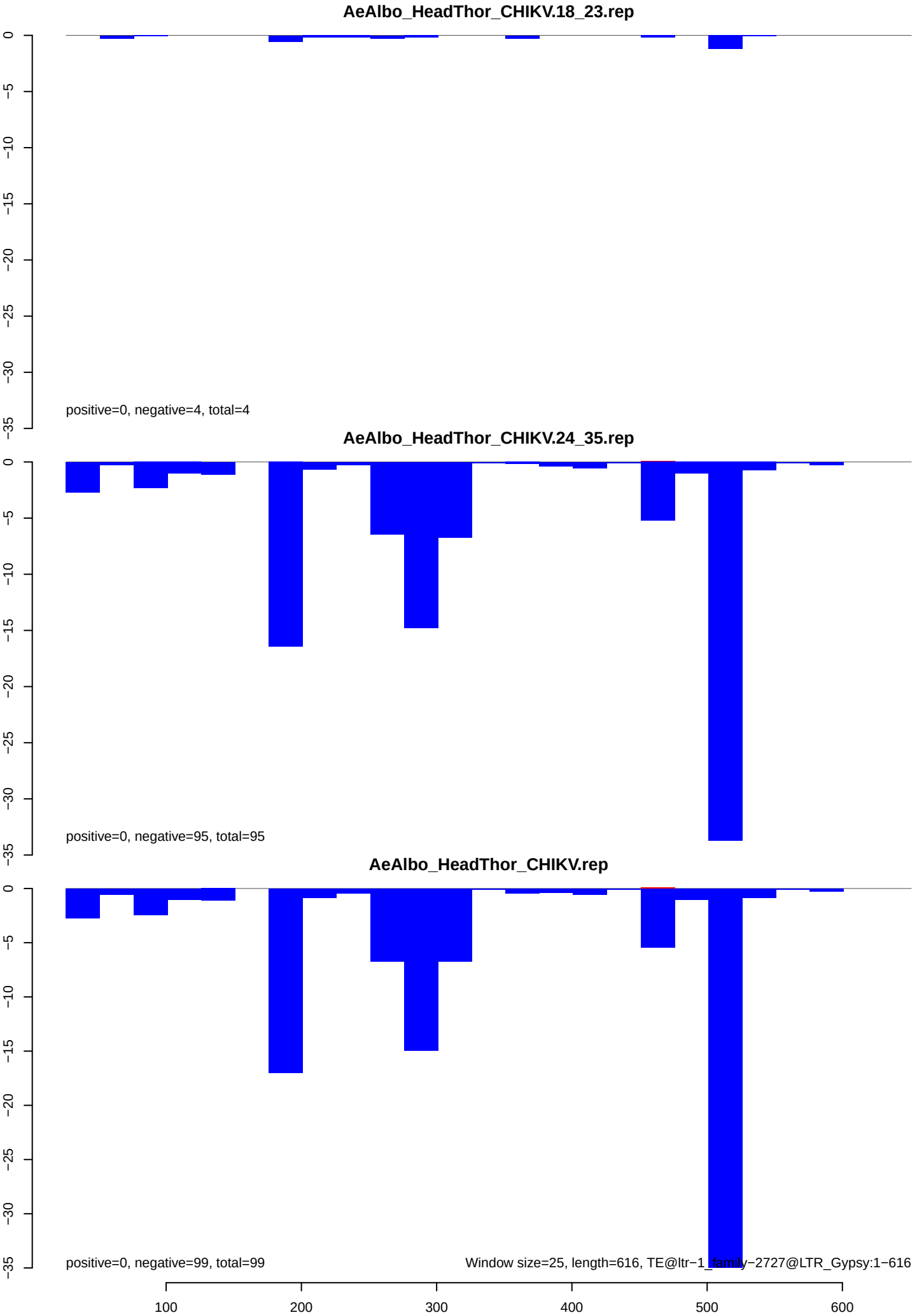

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
positive=0, negative=0, total=0

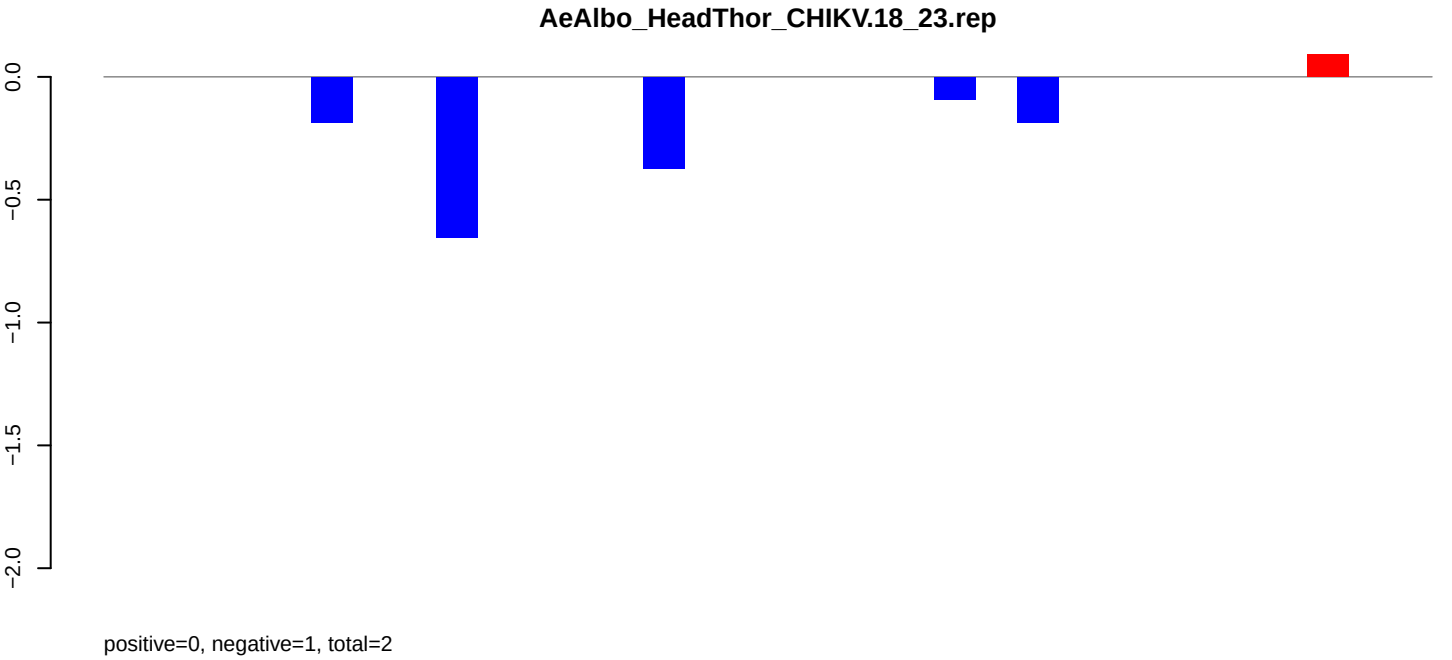

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
positive=10, negative=3, total=13
Window size=25, length=4267, TE@ltr−1_family−3033@DNA_MULE−MuDR:1−4267
0
1000
2000
3000
4000

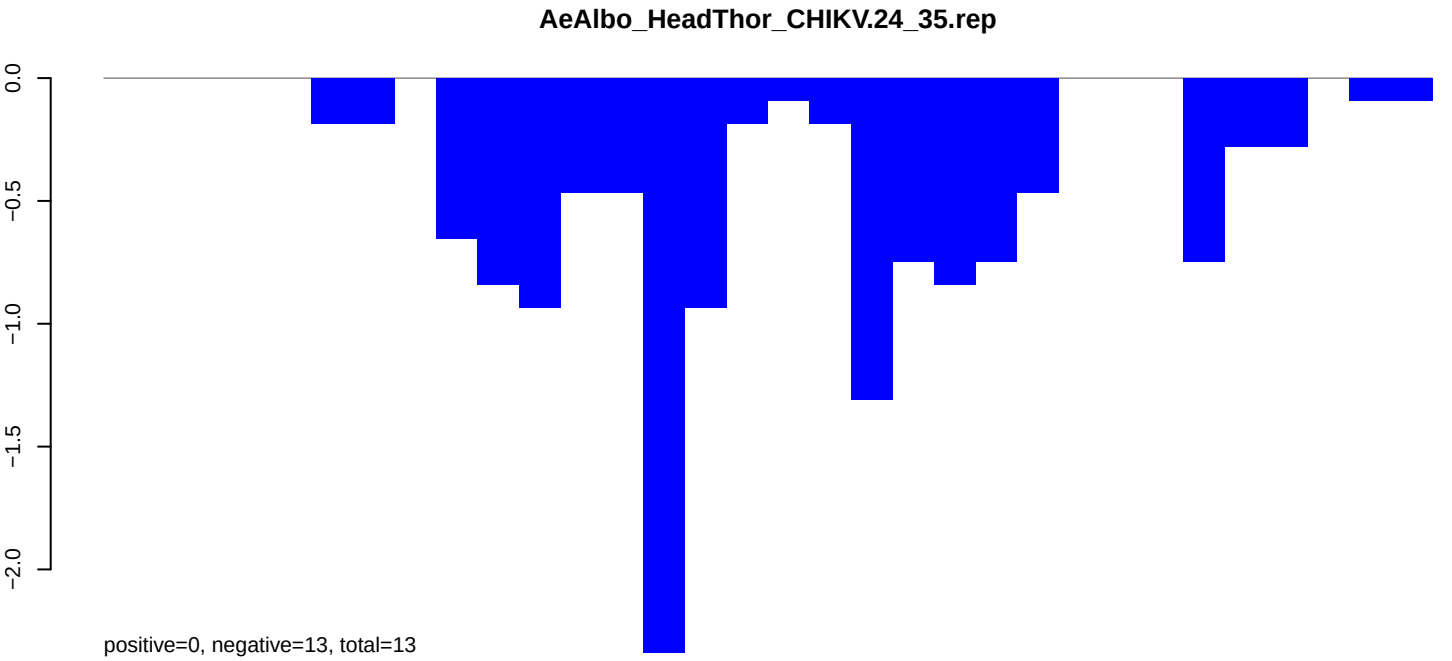

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=2, negative=17, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=2, negative=17, total=19
Window size=25, length=3382, TE@ltr−1_family−3018@Unknown:1−3382
0
500
1000
1500
2000
2500
3000
3500

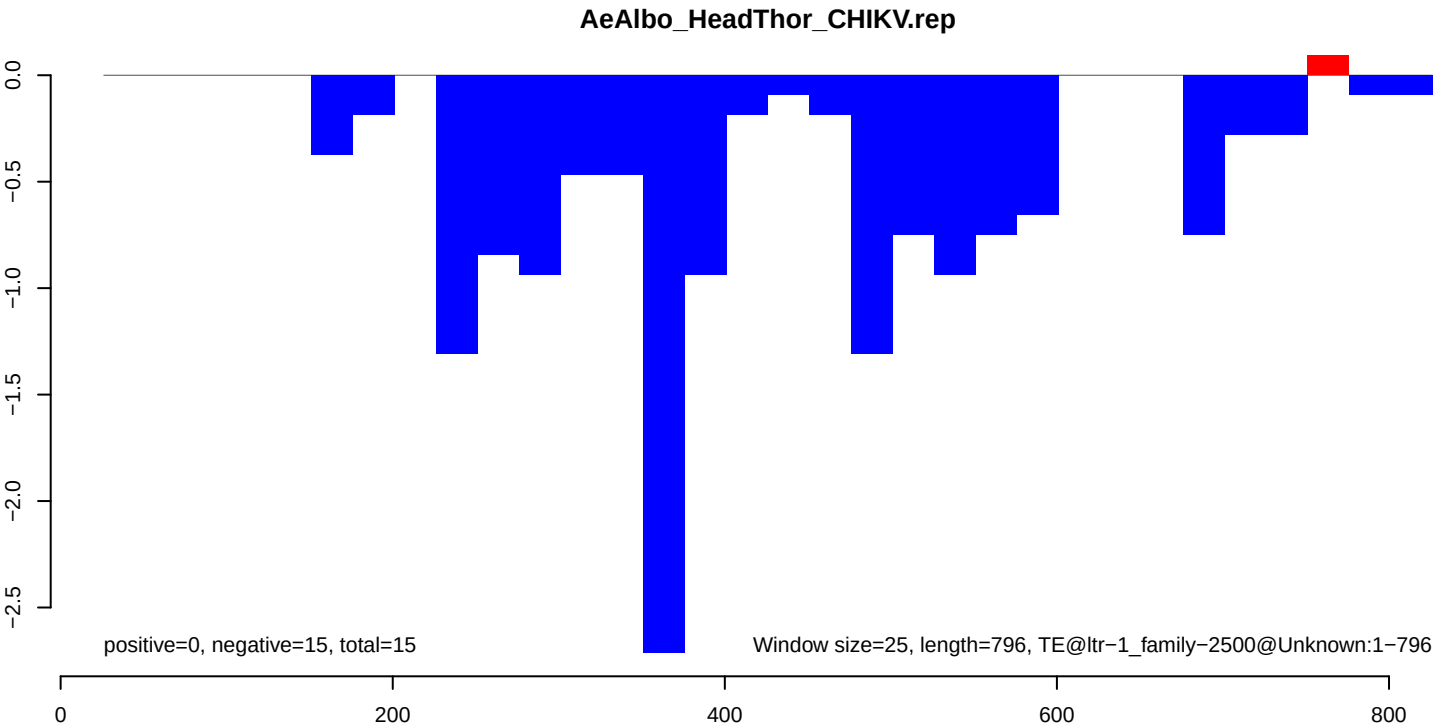

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=5310, TE@ltr−1_family−2970@LTR_Gypsy:1−5310
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000
5000

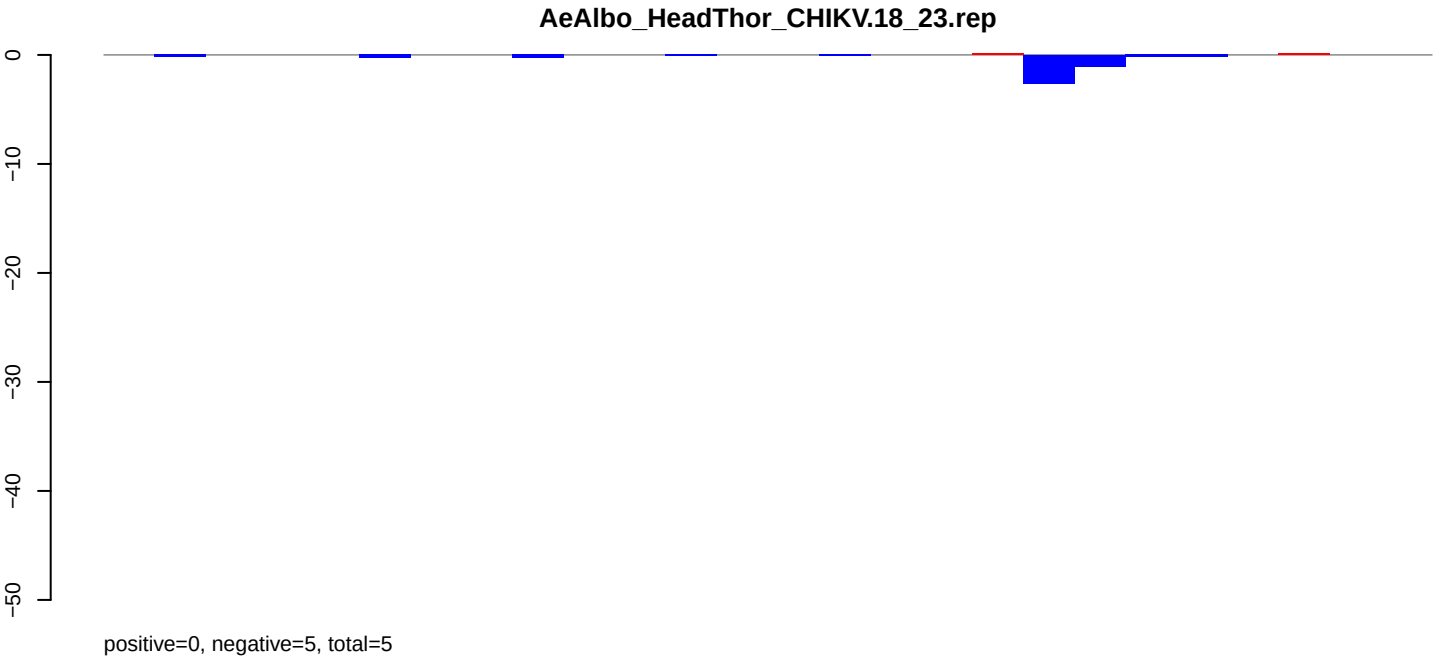

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=28, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=29, total=32
Window size=25, length=5865, TE@ltr−1_family−2968@LTR_Pao:1−5865
0
1000
2000
3000
4000
5000
6000

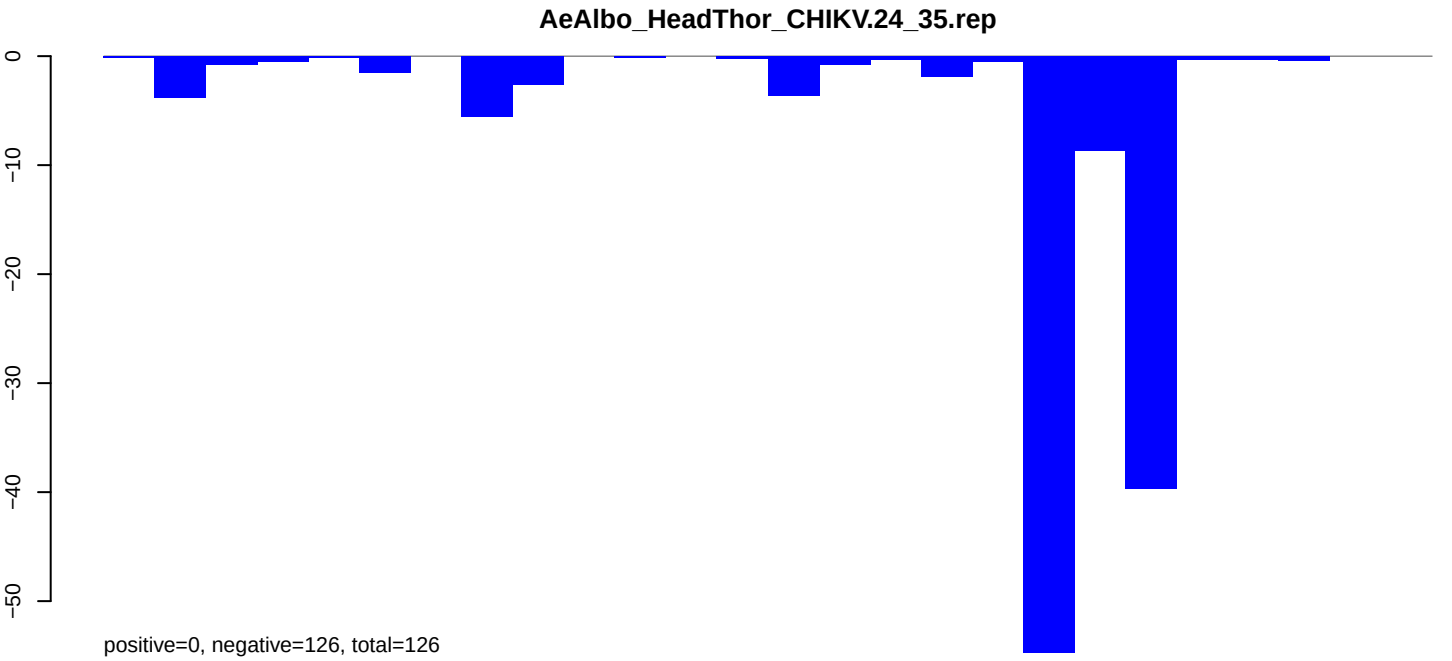

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=4, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=95, total=95
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=99, total=99
Window size=25, length=616, TE@ltr−1_family−2727@LTR_Gypsy:1−616
0
−5
−10
−15
−20
−25
−30
−35
100
200
300
400
500
600

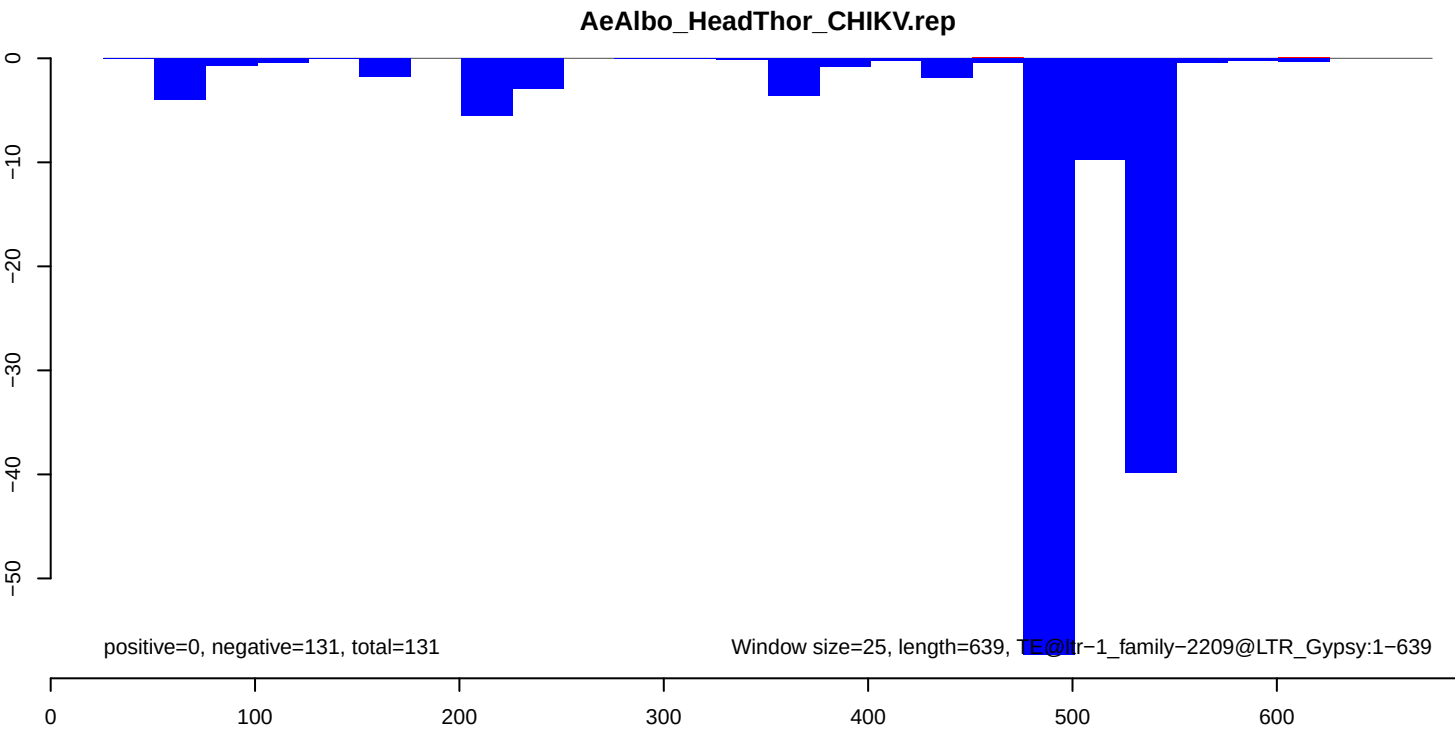

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=1, total=2

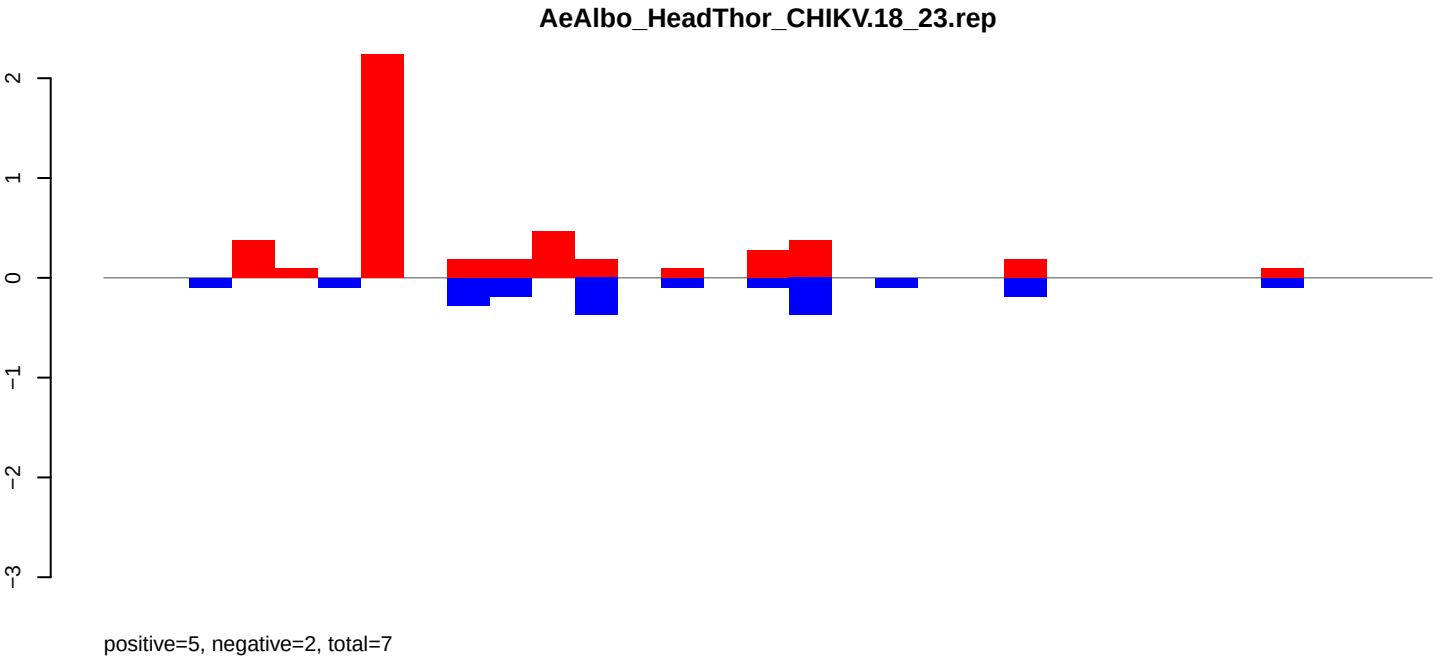

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=13, total=13

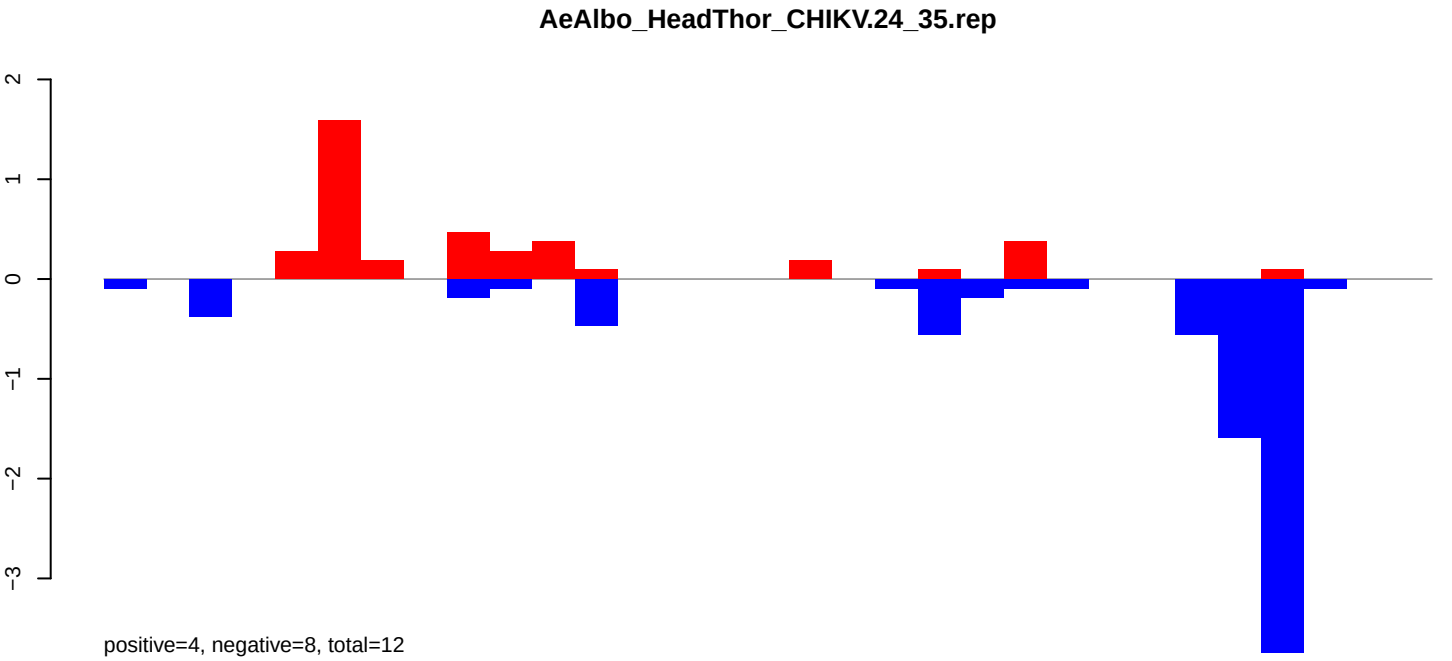

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=15, total=15
Window size=25, length=796, TE@ltr−1_family−2500@Unknown:1−796
0
200
400
600
800

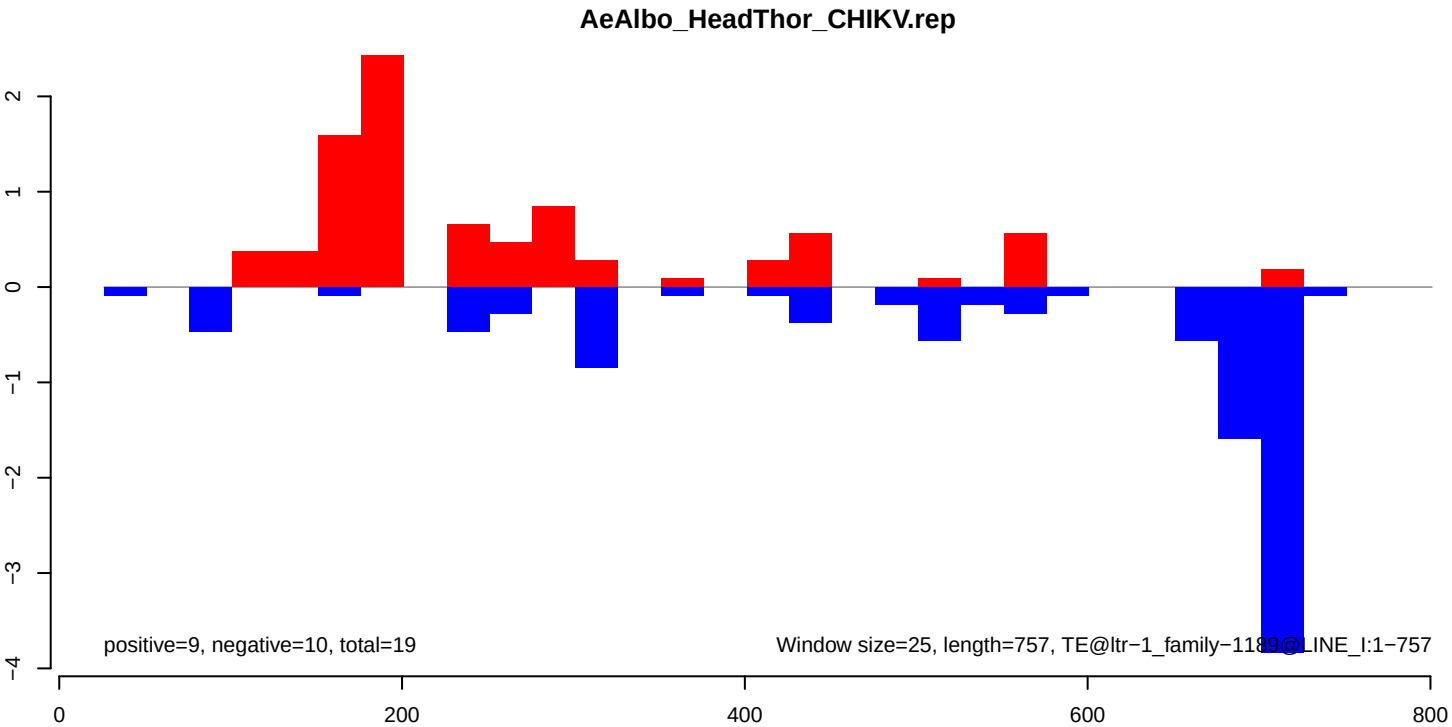

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
positive=0, negative=5, total=5

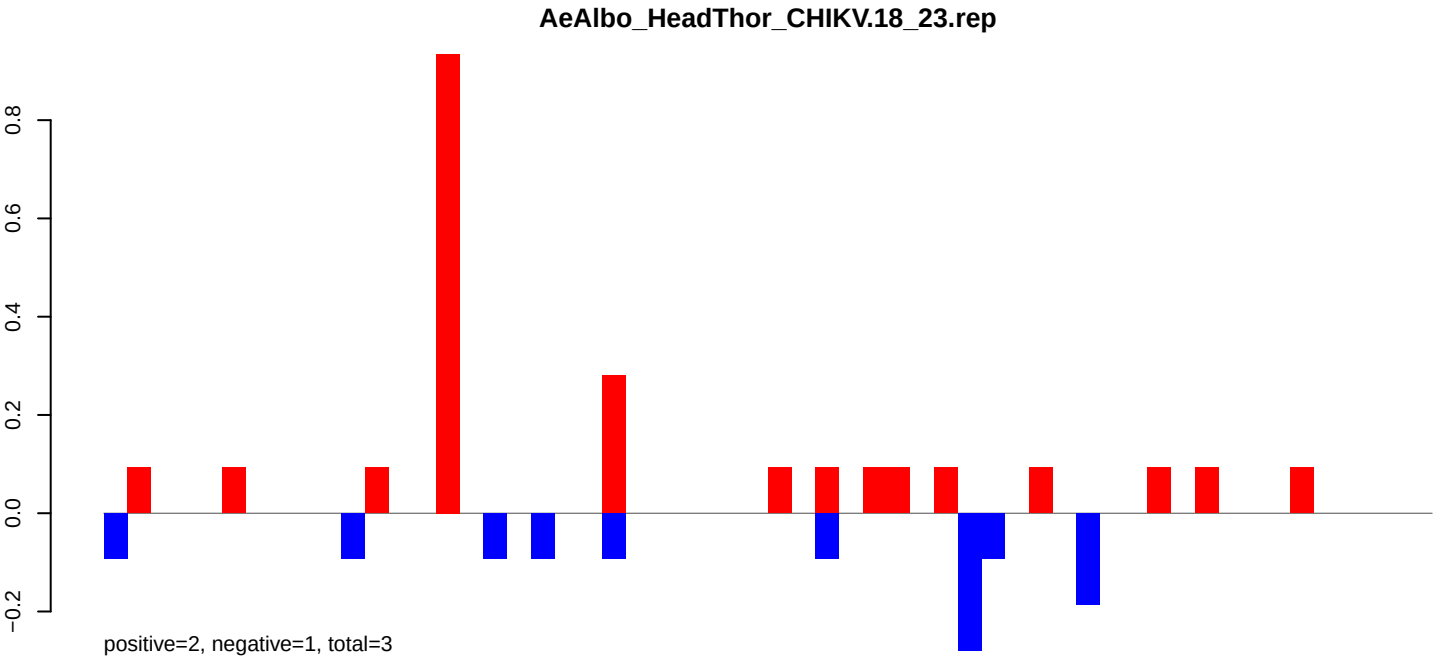

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
−50
positive=0, negative=126, total=126

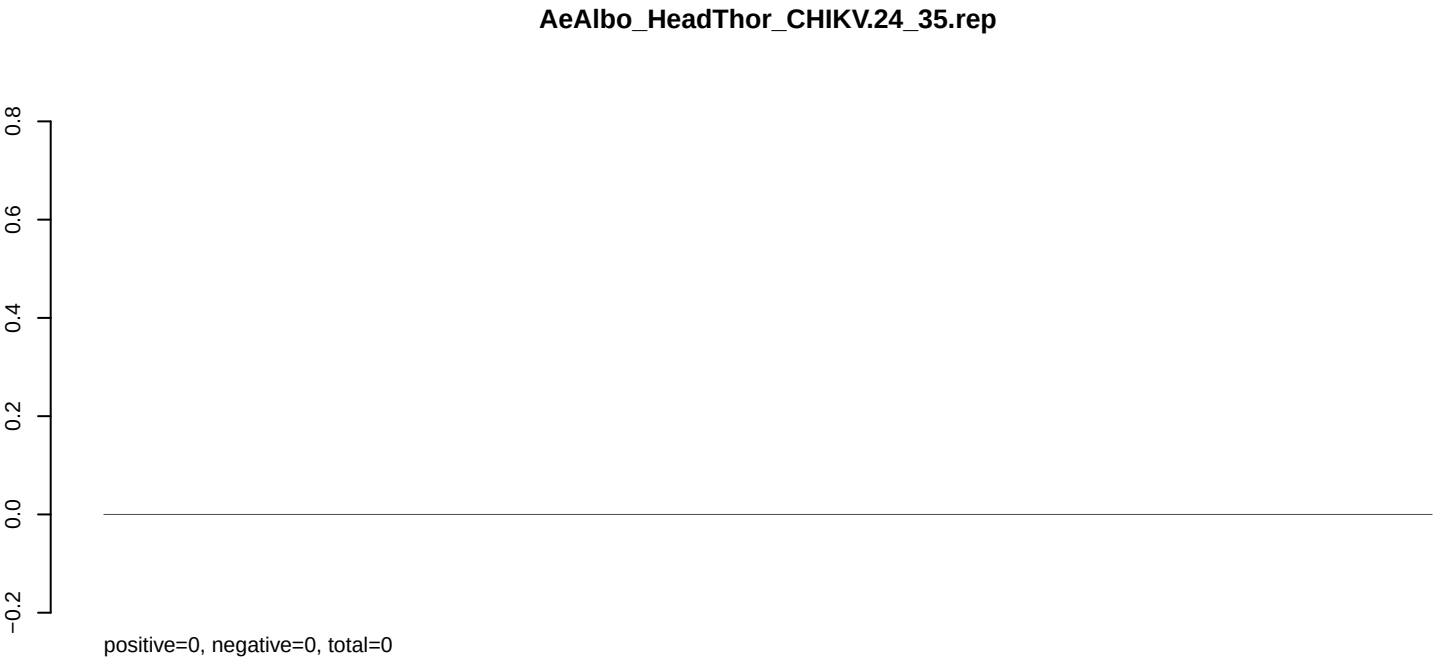

AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
positive=0, negative=131, total=131
Window size=25, length=639, TE@ltr−1_family−2209@LTR_Gypsy:1−639
0
100
200
300
400
500
600
700

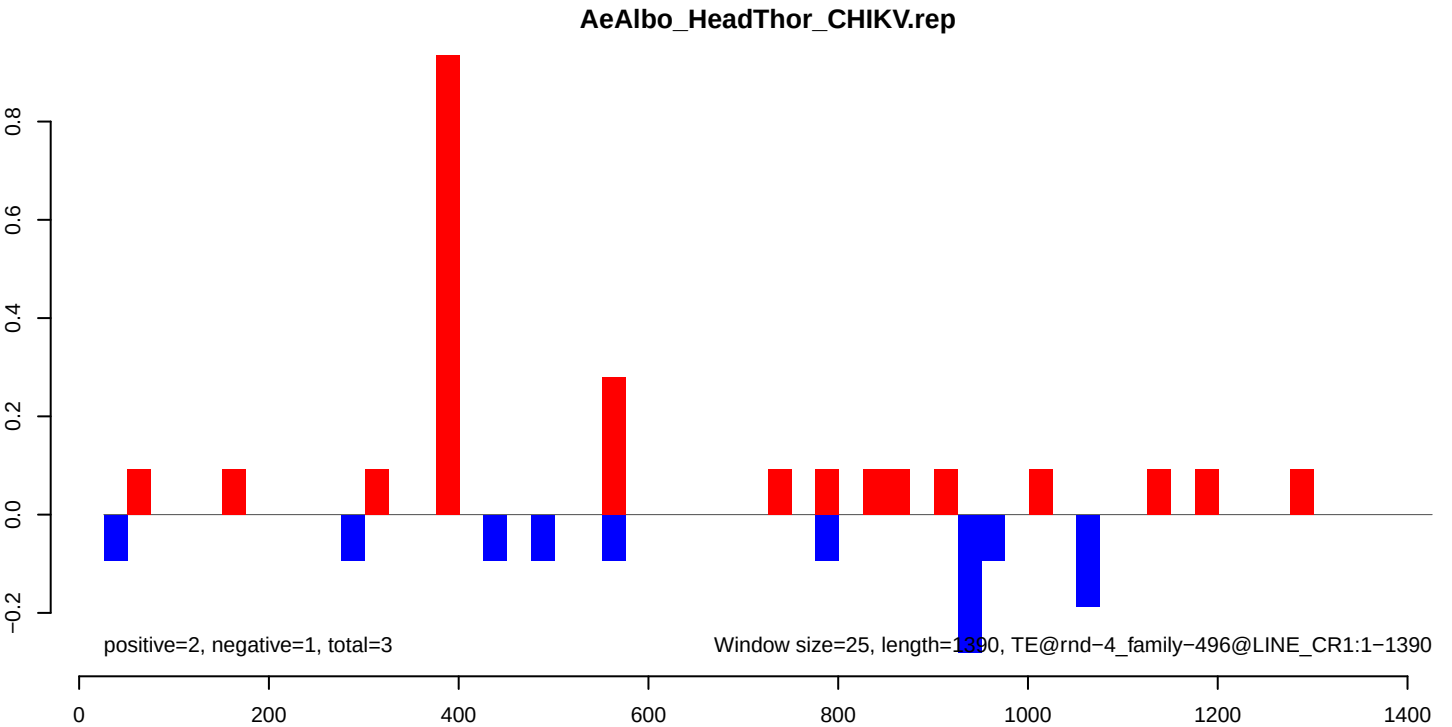

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
−3
positive=5, negative=2, total=7

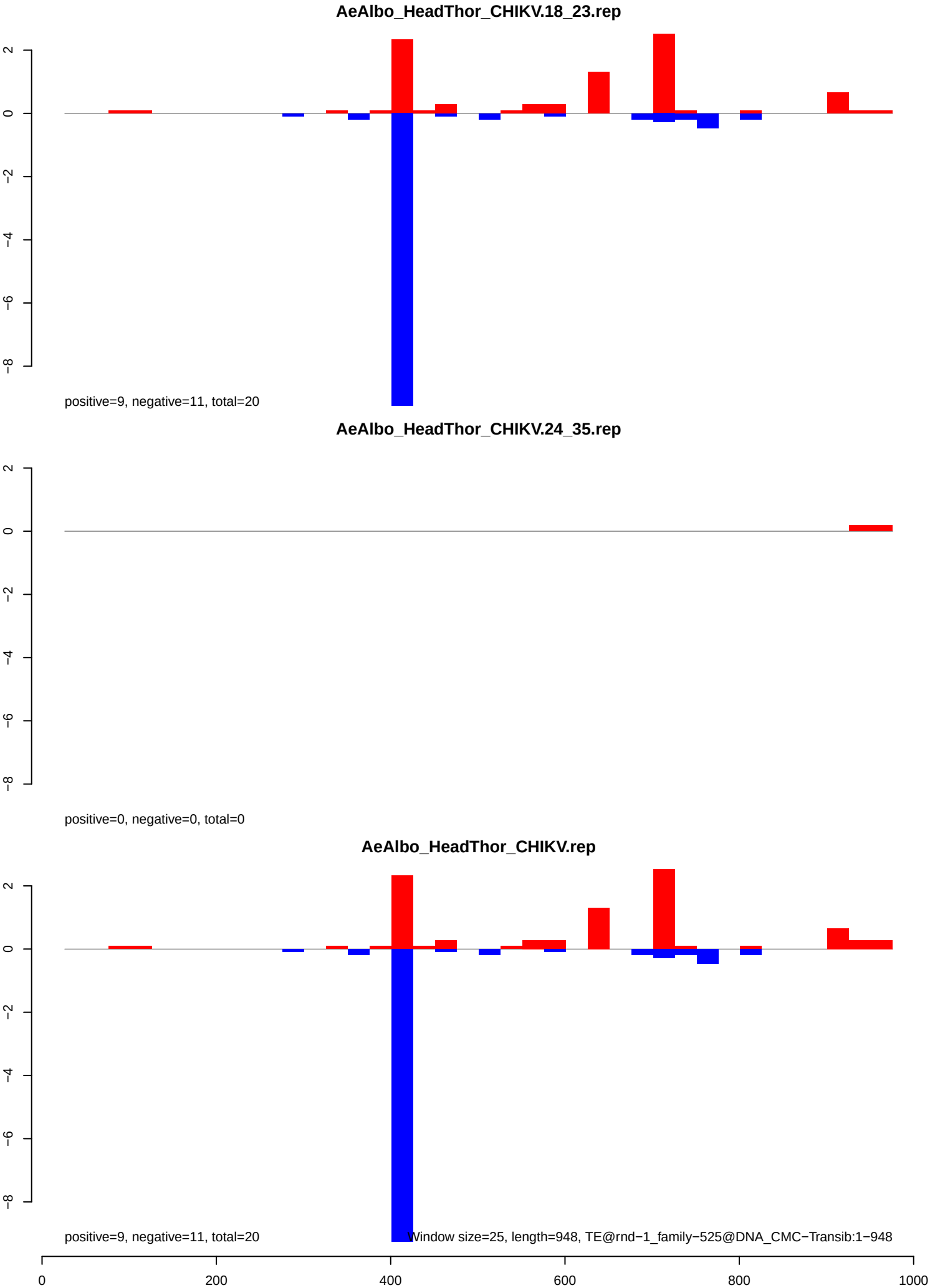

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
−3
positive=4, negative=8, total=12

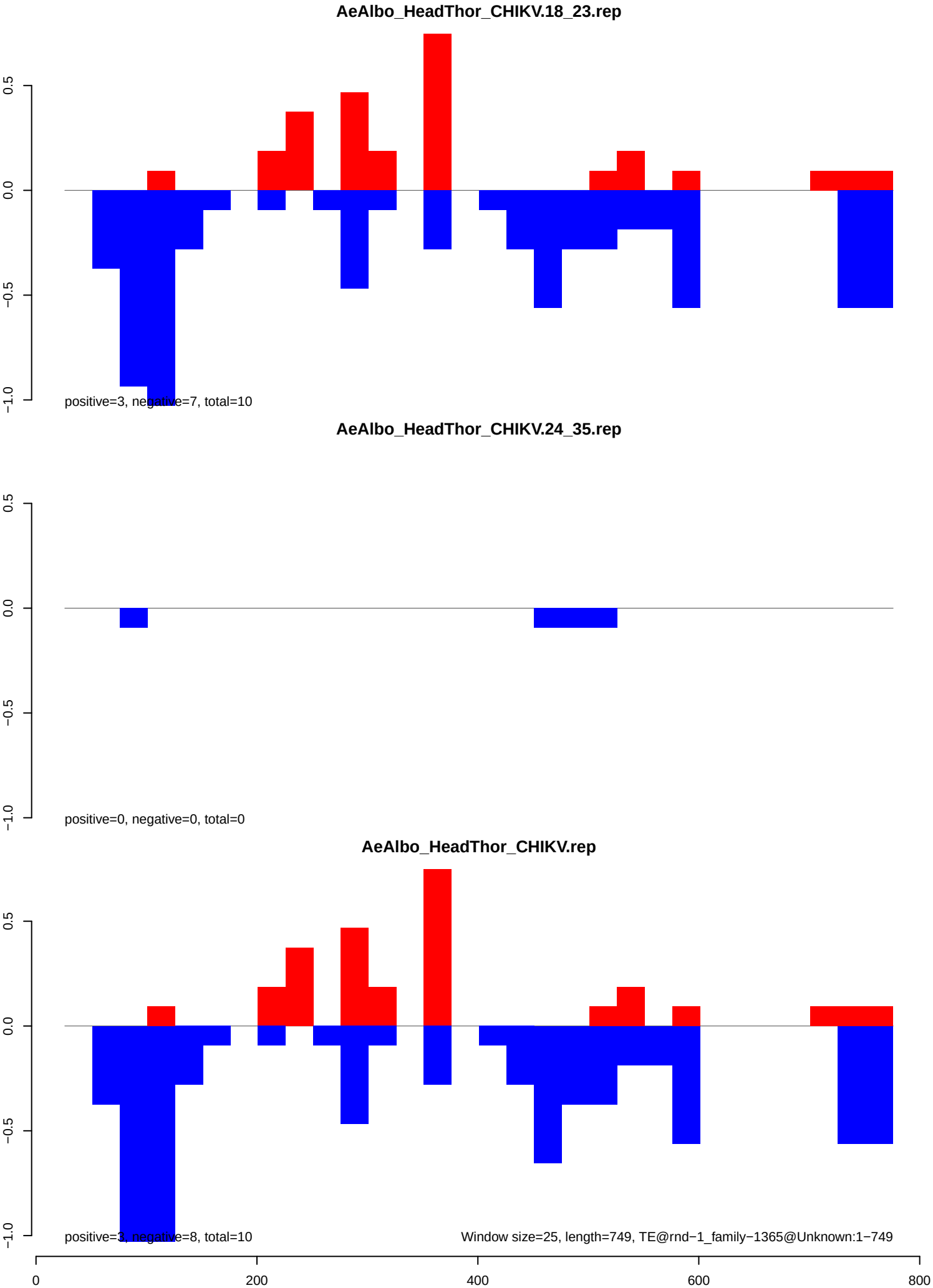

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
−3
−4
positive=9, negative=10, total=19
Window size=25, length=757, TE@ltr−1_family−1189@LINE_I:1−757
0
200
400
600
800

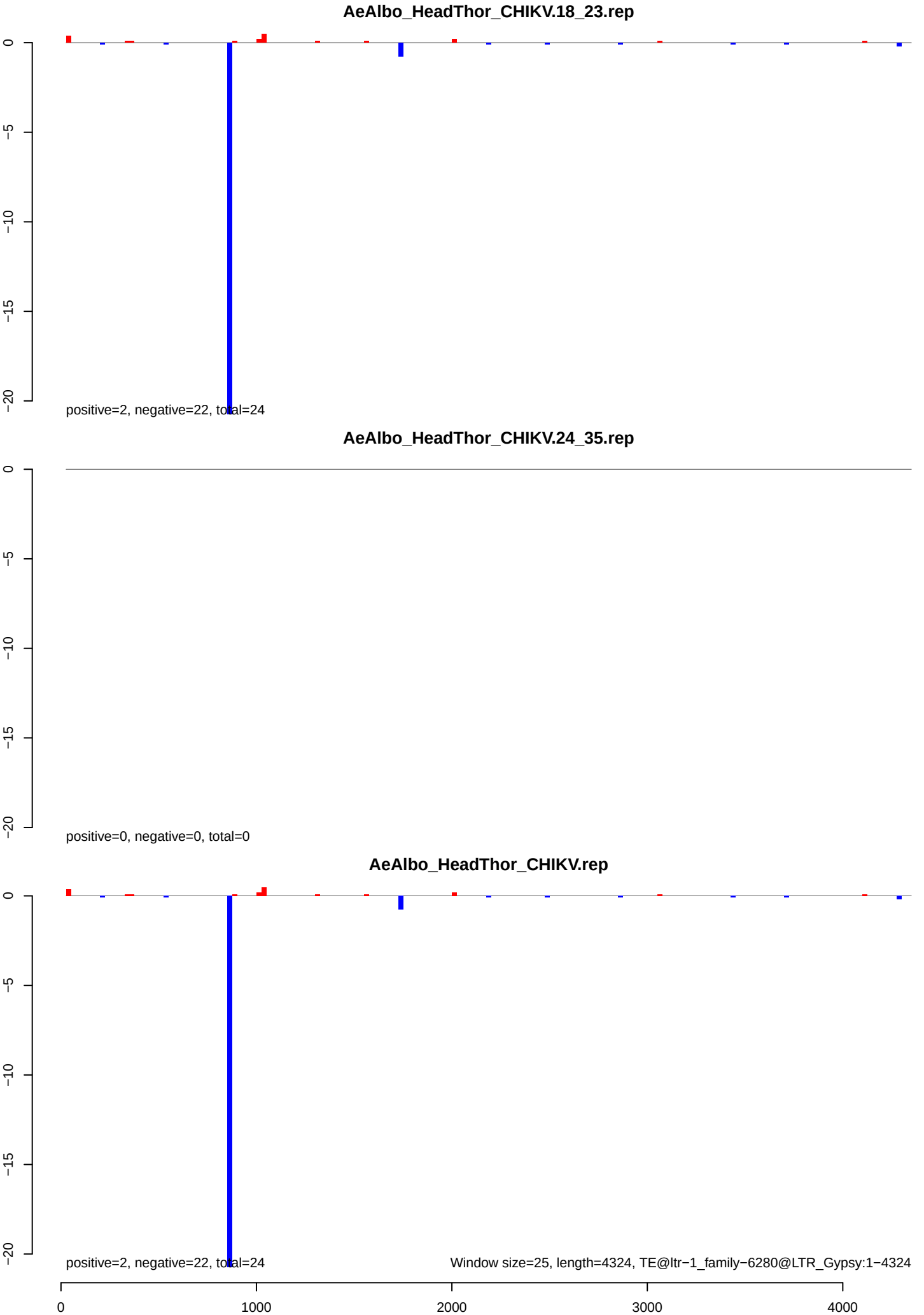

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3

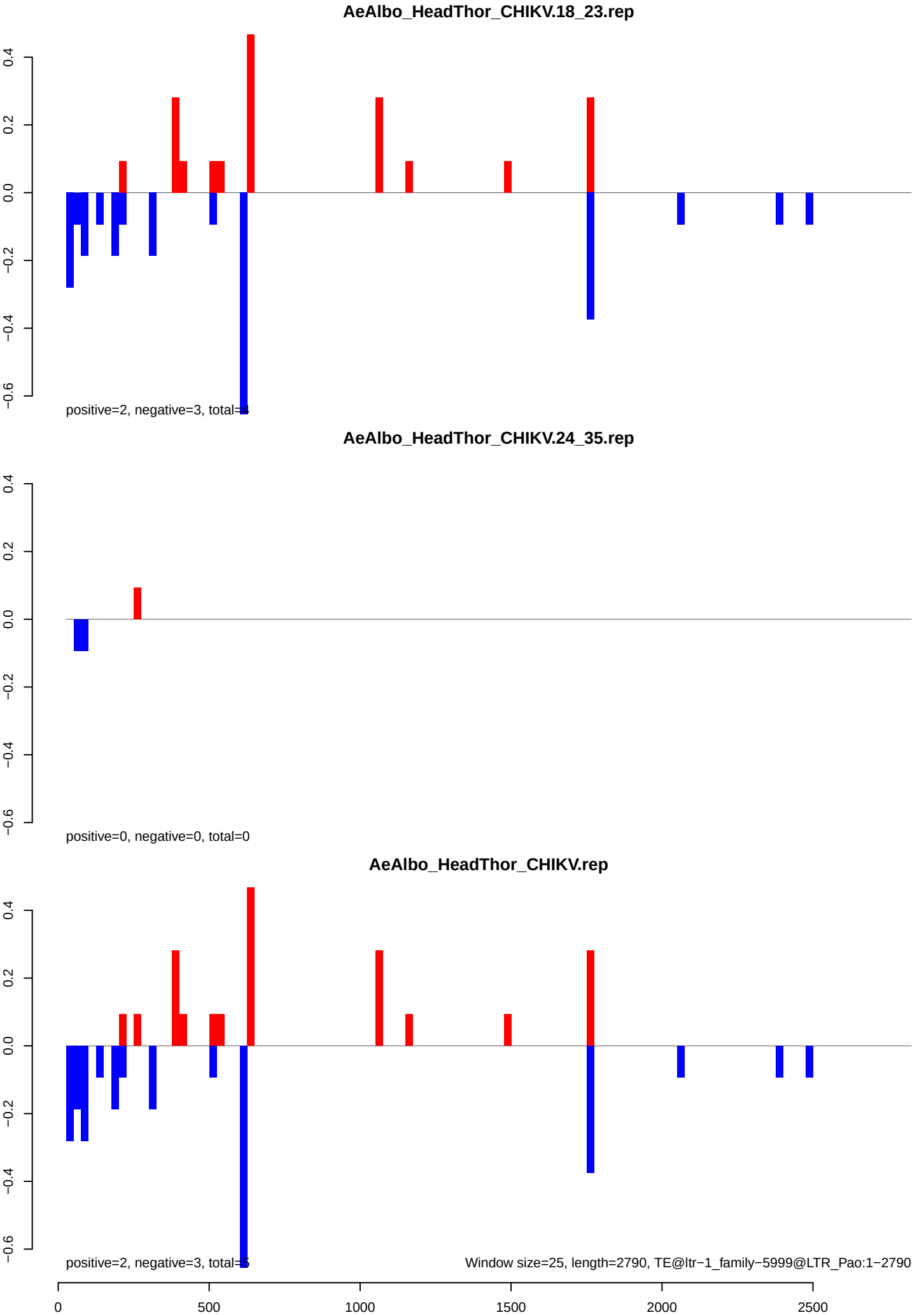

AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

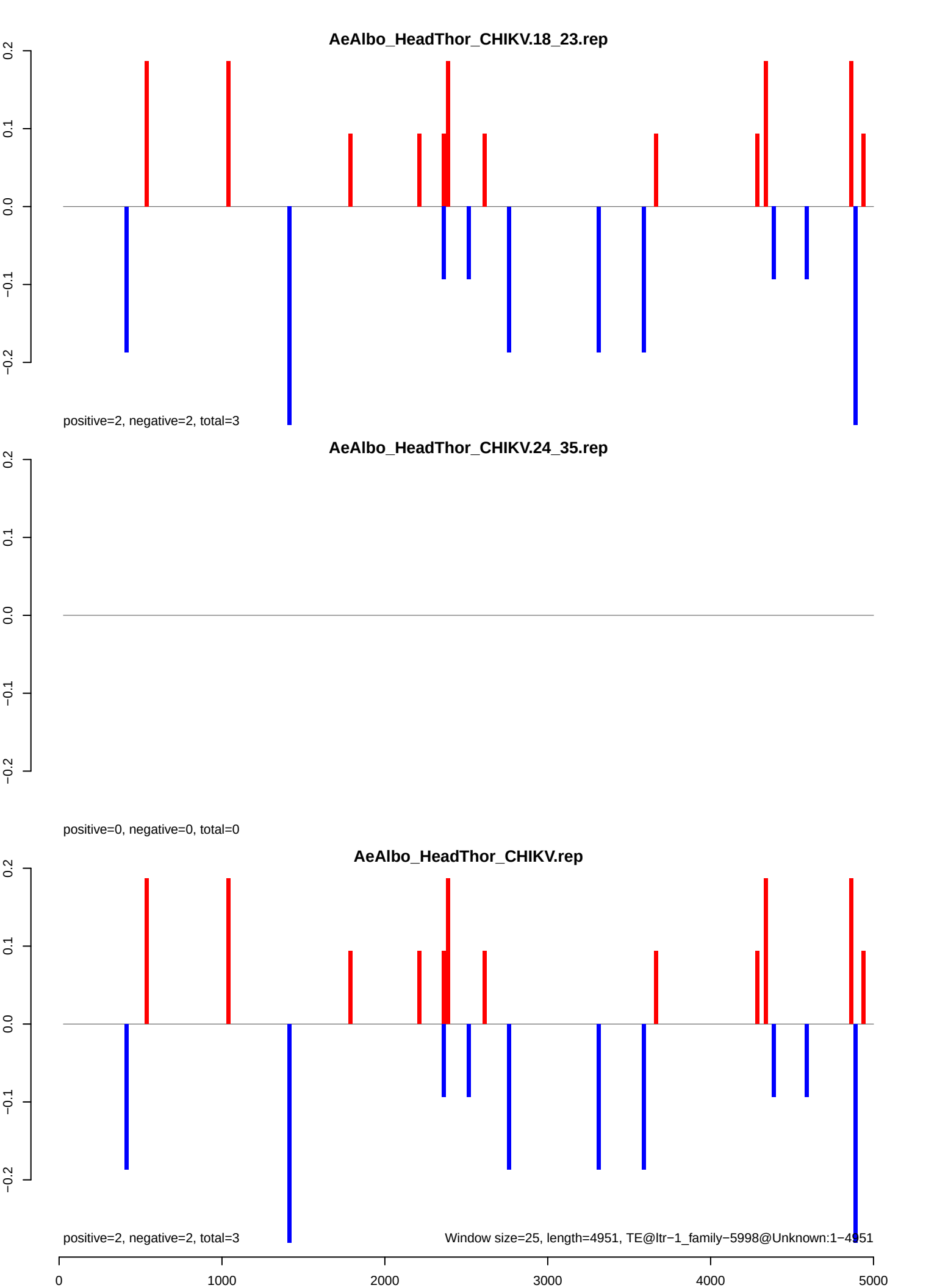

AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=1390, TE@rnd−4_family−496@LINE_CR1:1−1390
0
200
400
600
800
1000
1200
1400

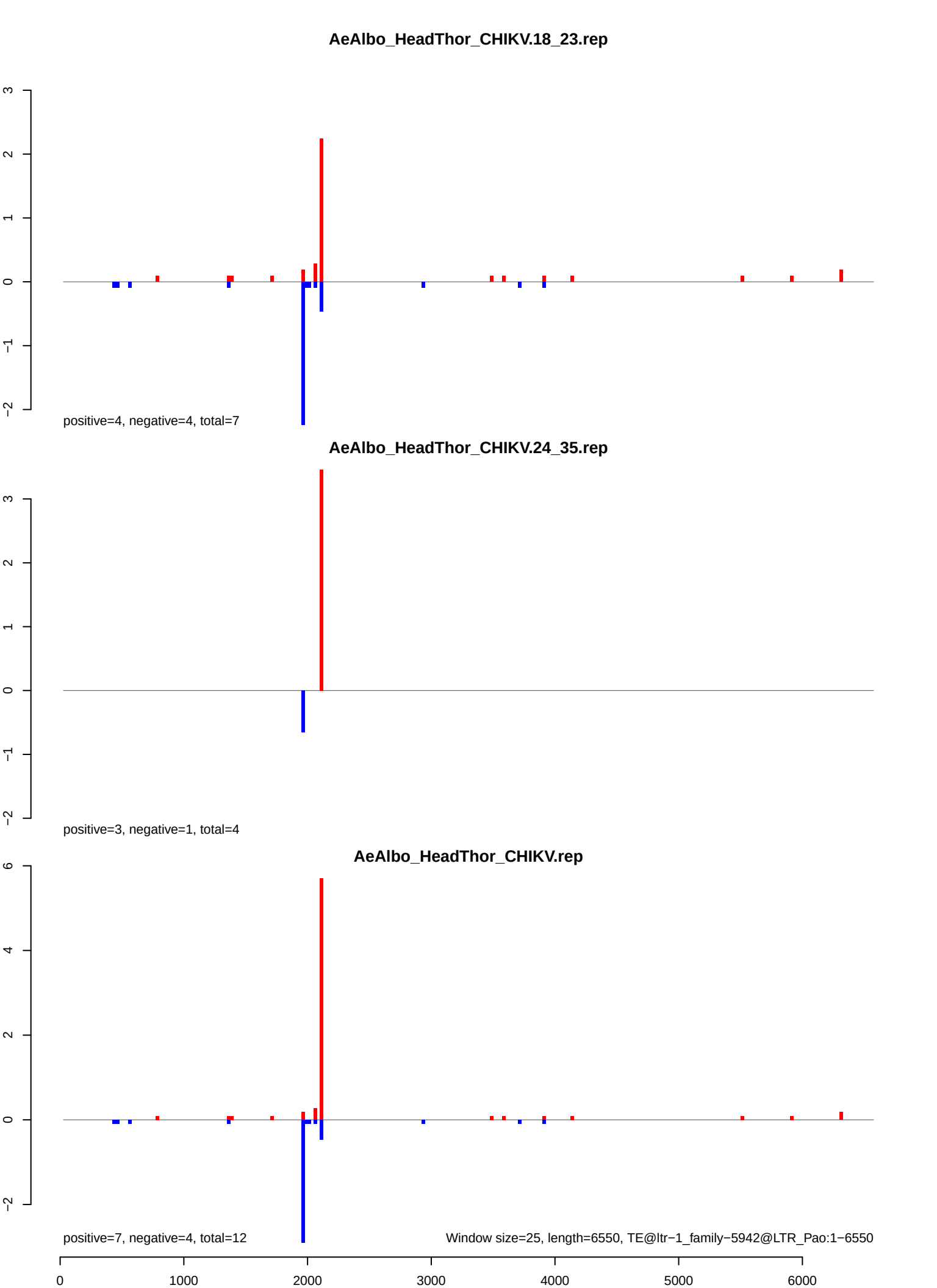

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
−6
−8
positive=9, negative=11, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
−6
−8
positive=9, negative=11, total=20
Window size=25, length=948, TE@rnd−1_family−525@DNA_CMC−Transib:1−948
0
200
400
600
800
1000

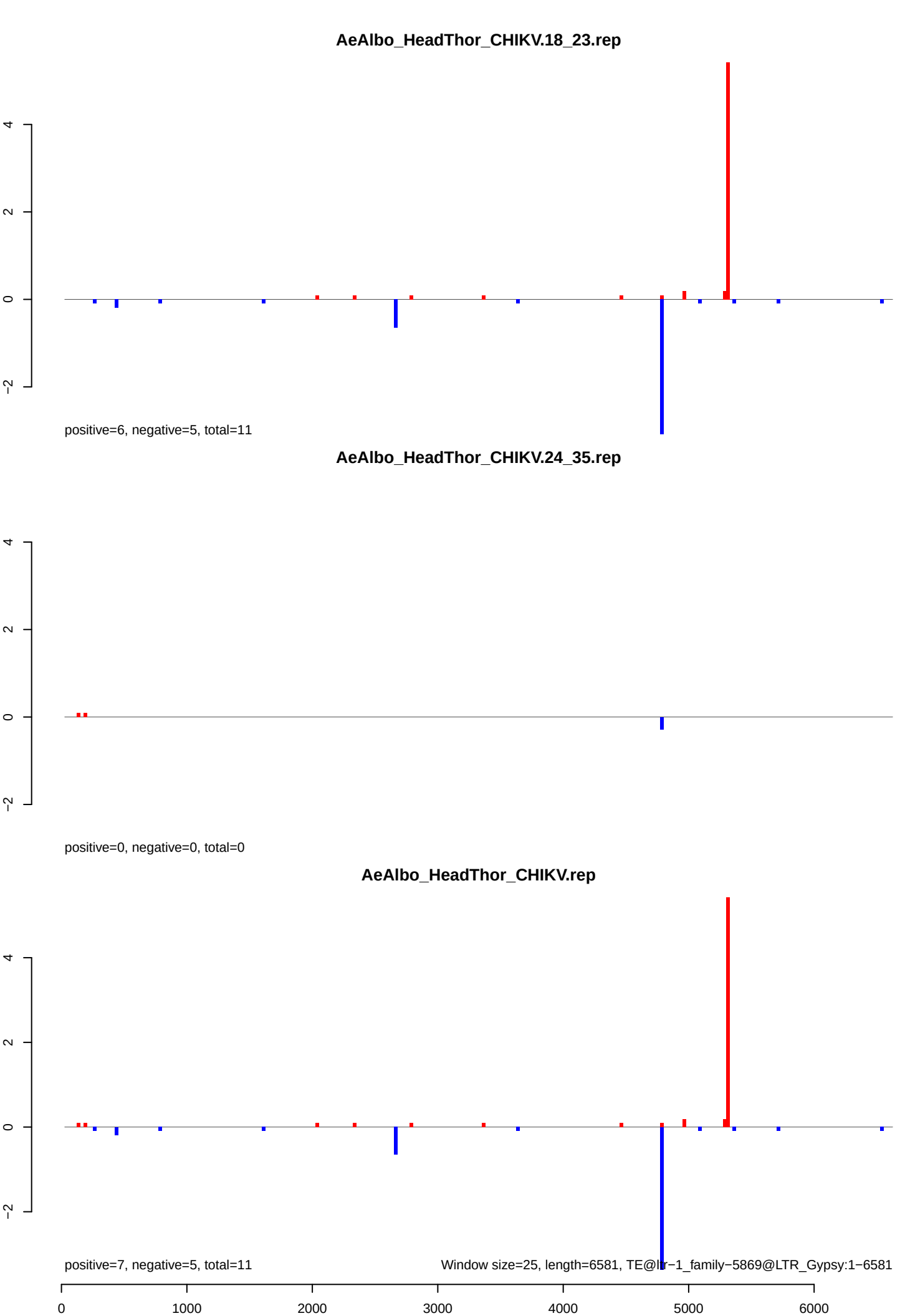

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=7, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=8, total=10
Window size=25, length=749, TE@rnd−1_family−1365@Unknown:1−749
0
200
400
600
800

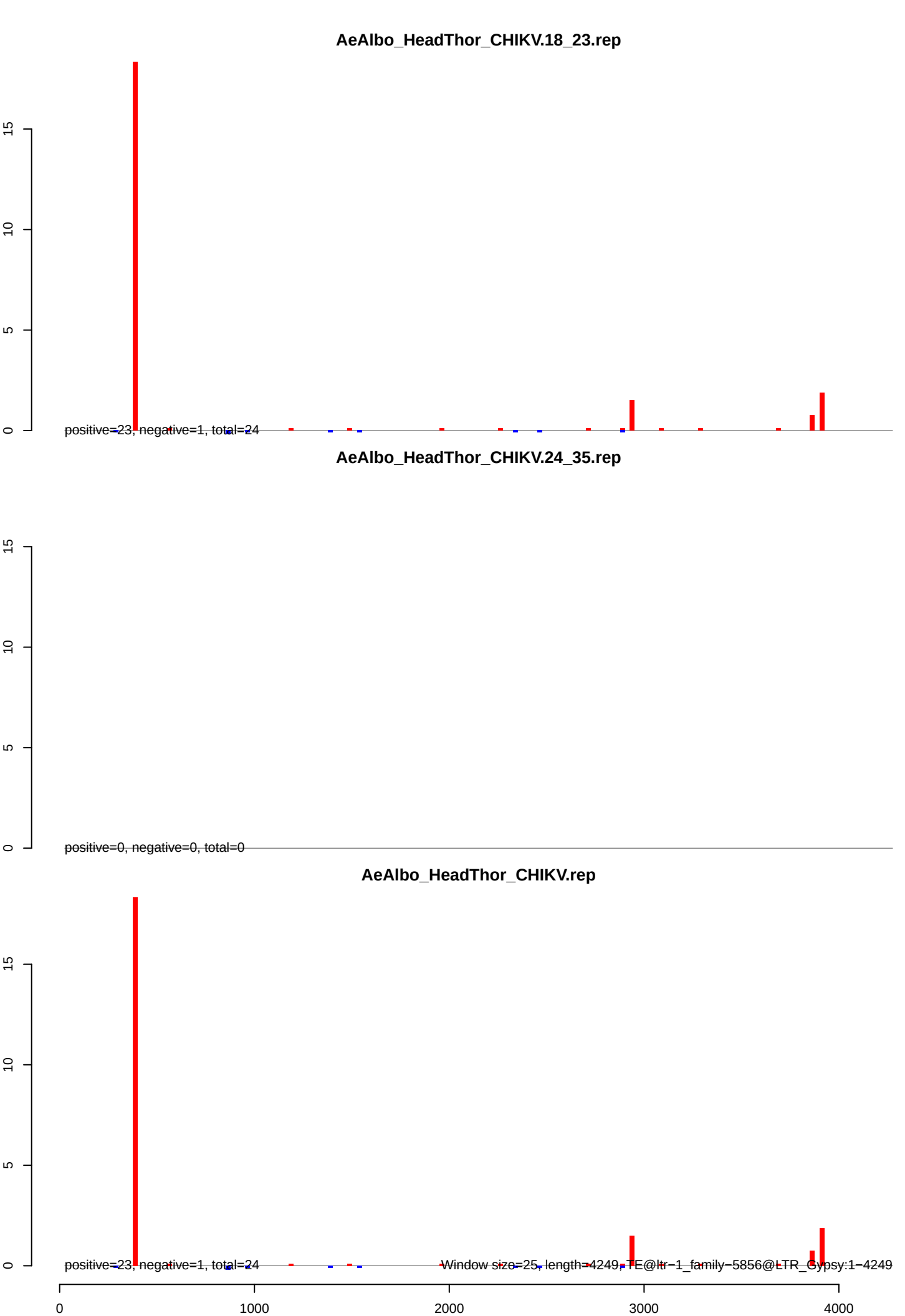

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=22, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=22, total=24
Window size=25, length=4324, TE@ltr−1_family−6280@LTR_Gypsy:1−4324
0
1000
2000
3000
4000

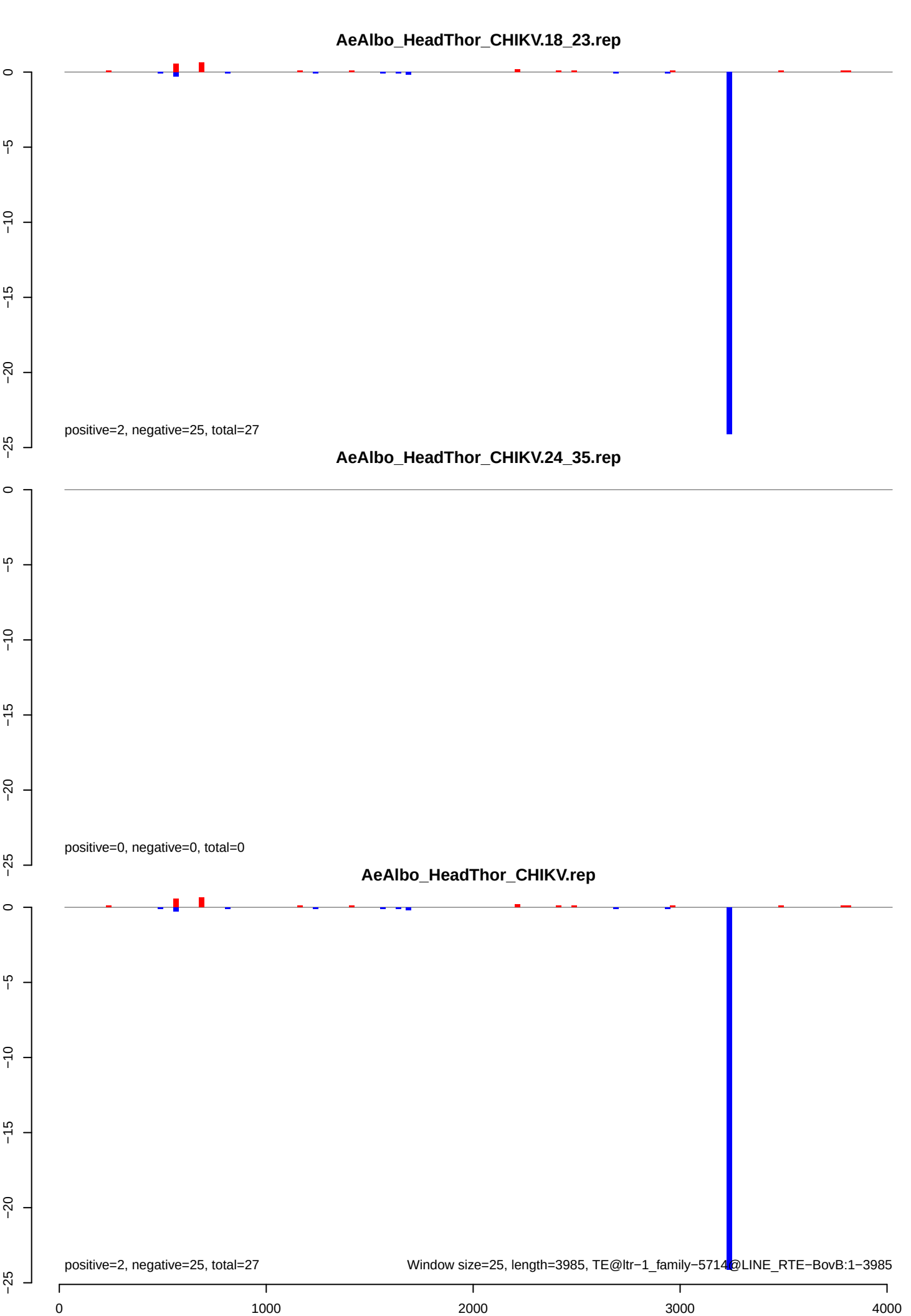

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=5
Window size=25, length=2790, TE@ltr−1_family−5999@LTR_Pao:1−2790
0
500
1000
1500
2000
2500

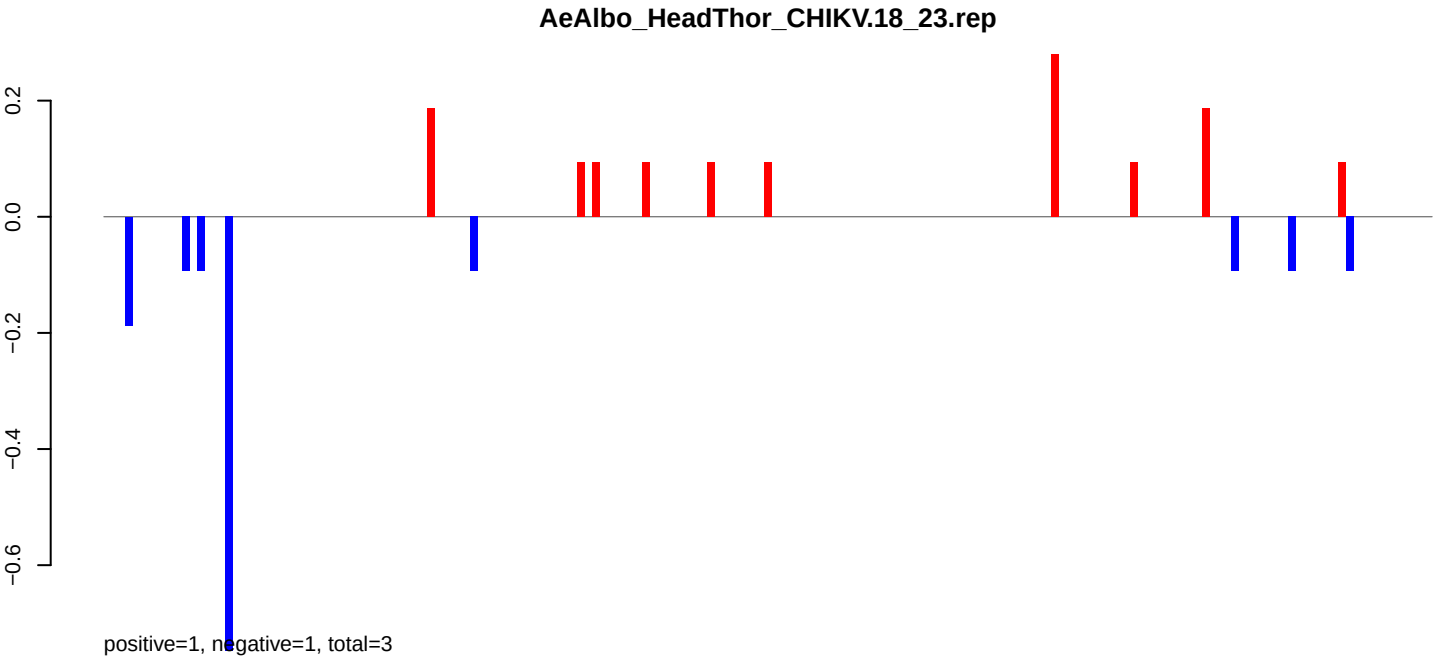

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=2, total=3
Window size=25, length=4951, TE@ltr−1_family−5998@Unknown:1−4951
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=4, total=12
Window size=25, length=6550, TE@ltr−1_family−5942@LTR_Pao:1−6550
0
1000
2000
3000
4000
5000
6000

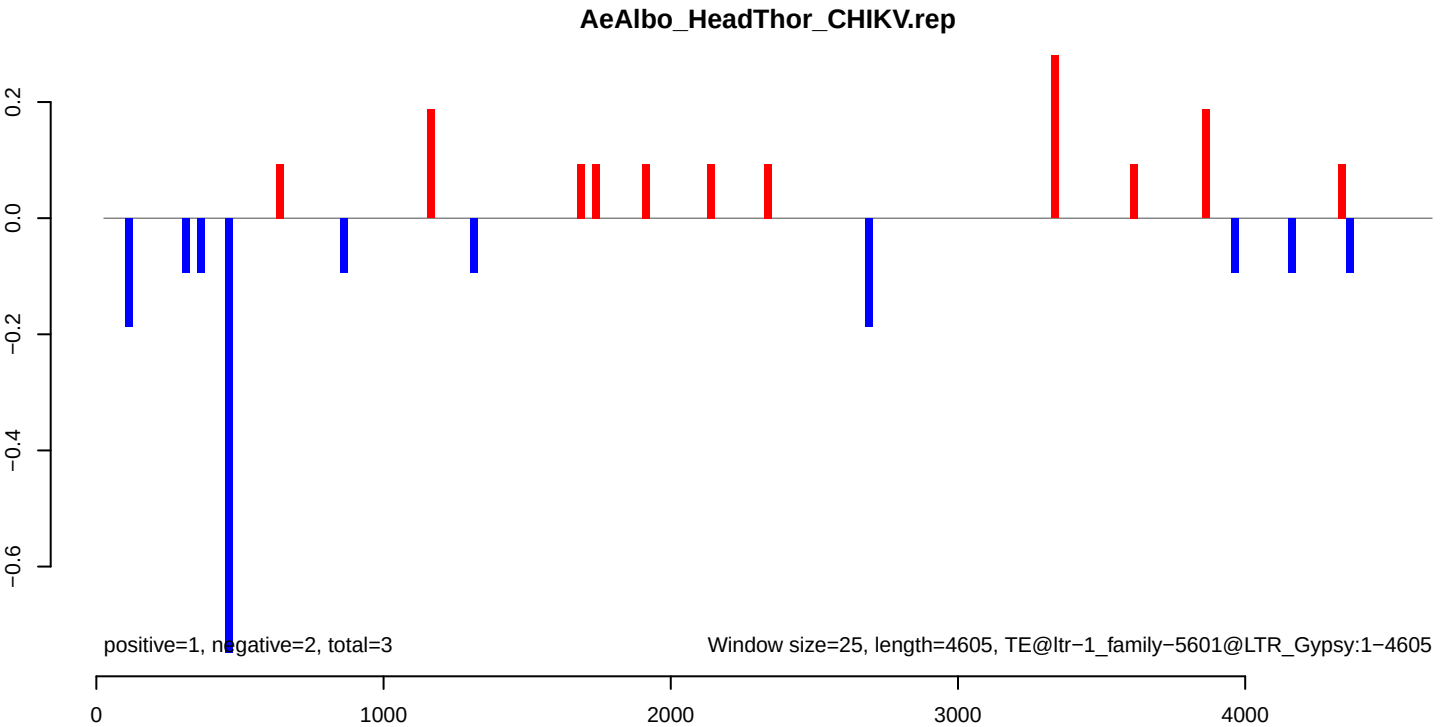

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=5, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=5, total=11
Window size=25, length=6581, TE@ltr−1_family−5869@LTR_Gypsy:1−6581
0
1000
2000
3000
4000
5000
6000

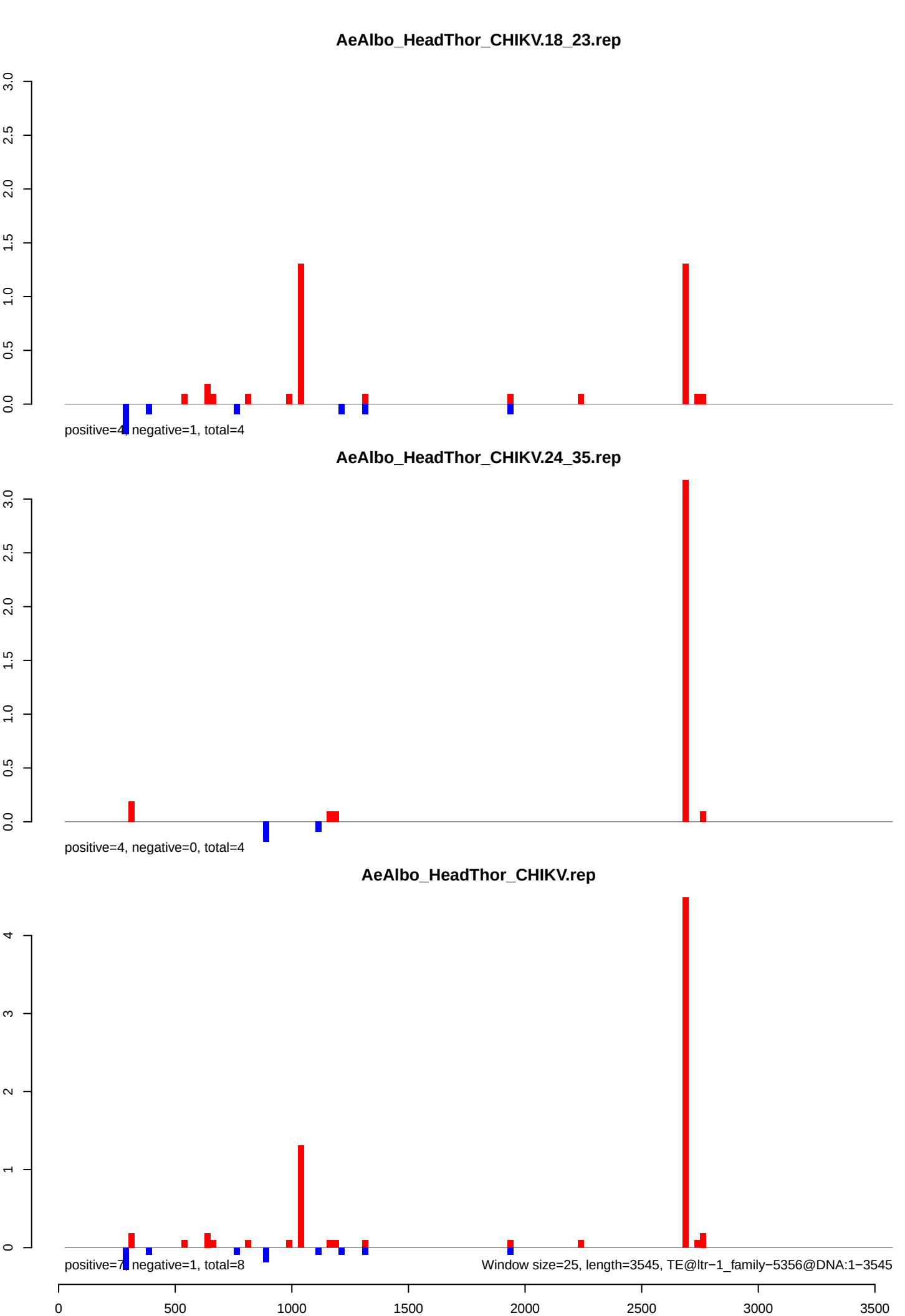

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=23, negative=1, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=23, negative=1, total=24
Window size=25, length=4249, TE@ltr-1_family-5856@LTR_Gypsy:1-4249
0
5
10
15
0
1000
2000
3000
4000

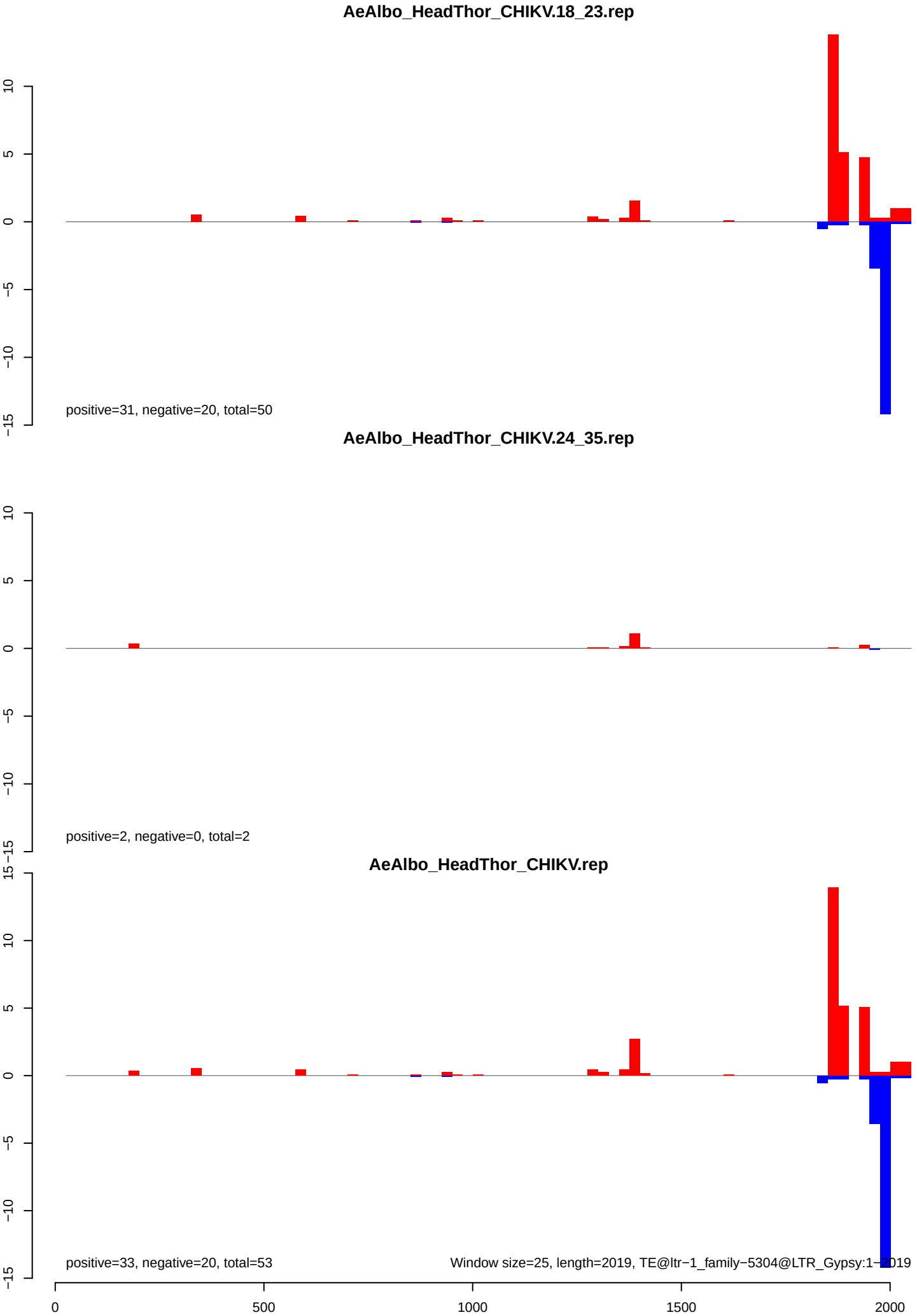

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=2, negative=25, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=25, total=27
Window size=25, length=3985, TE@ltr−1_family−5714@LINE_RTE−BovB:1−3985
0
1000
2000
3000
4000

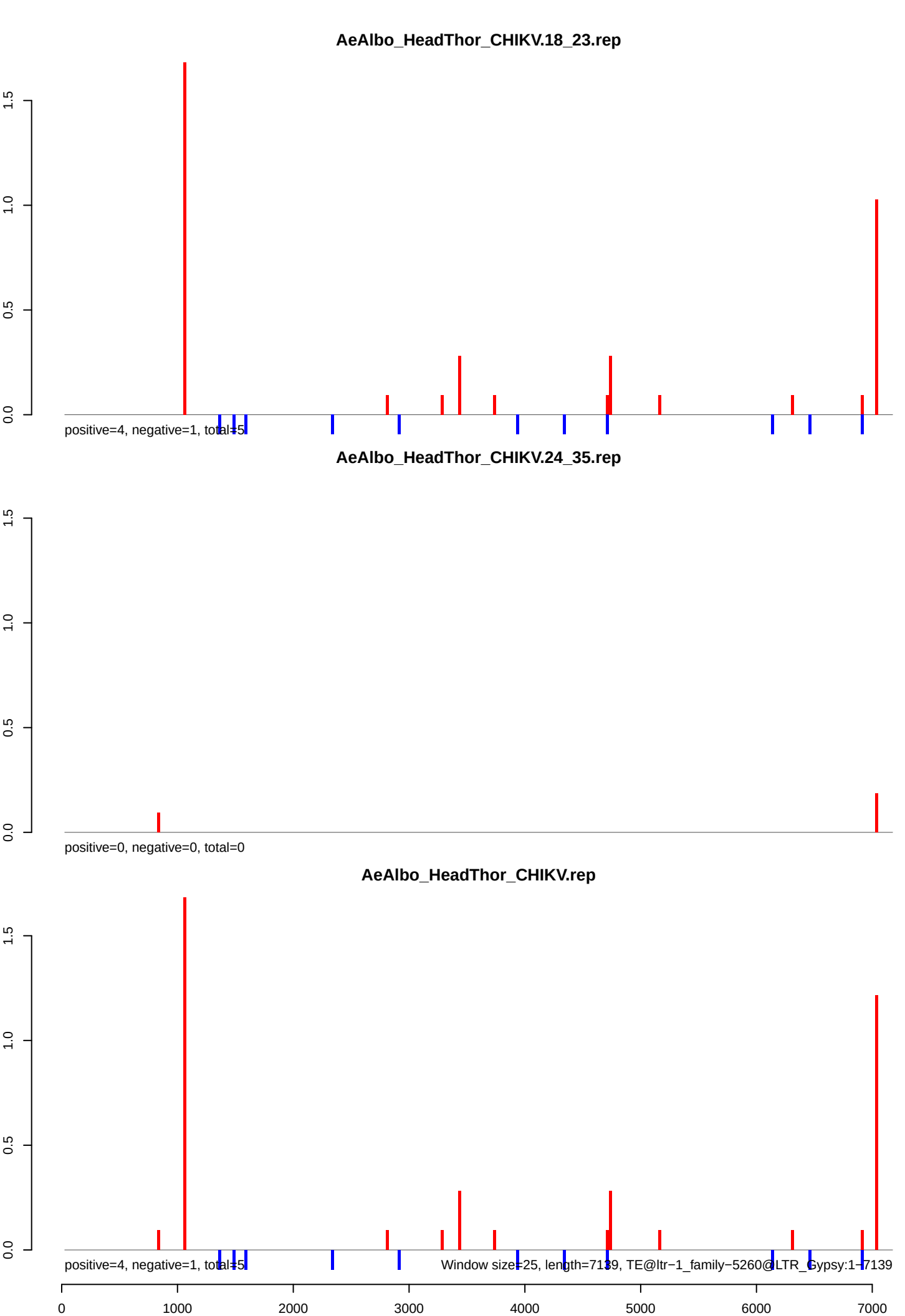

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=3

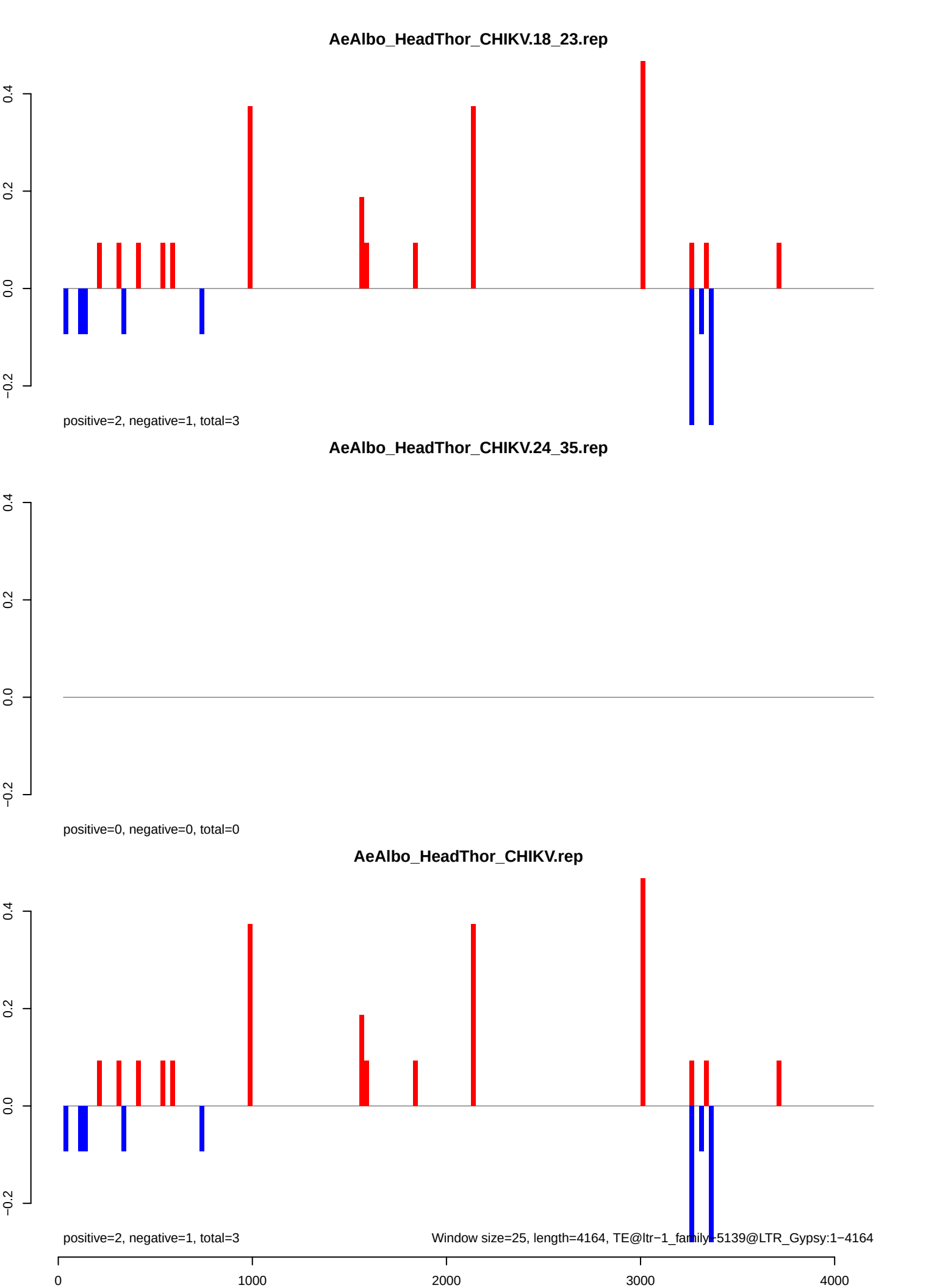
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

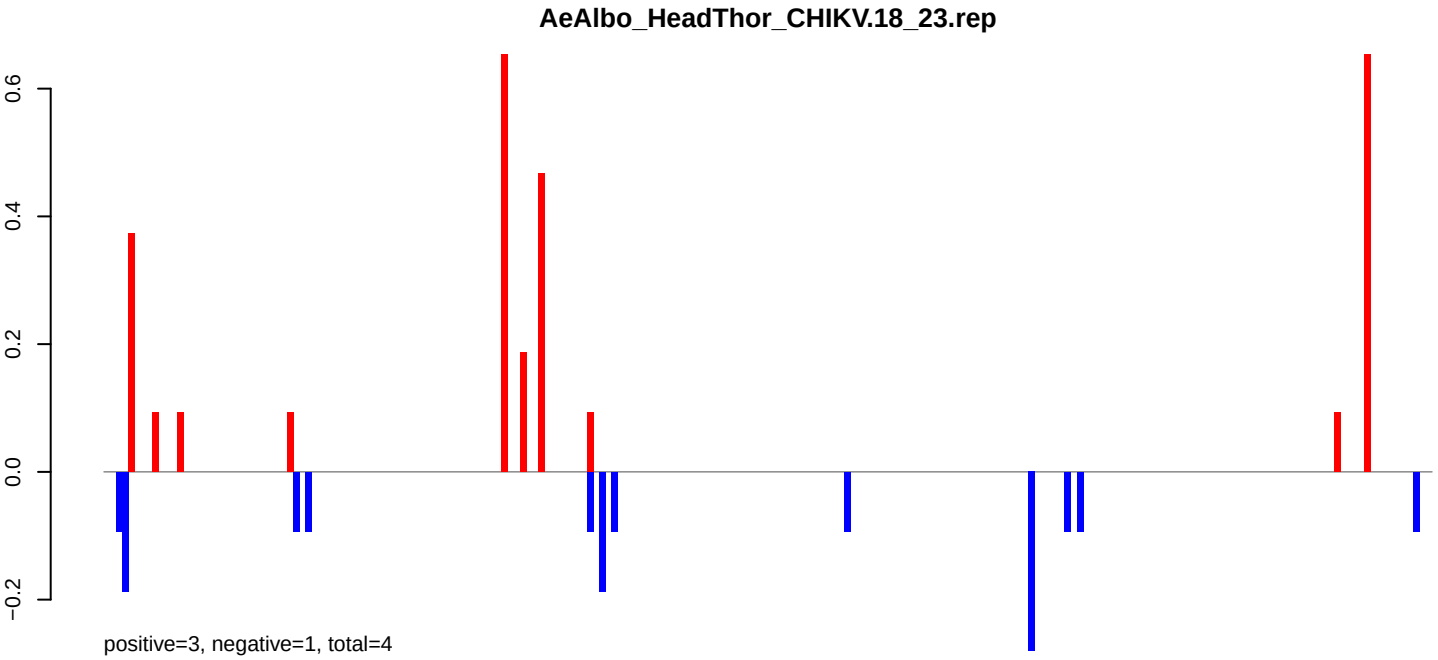

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
Window size=25, length=4605, TE@ltr−1_family−5601@LTR_Gypsy:1−4605
0
1000
2000
3000
4000

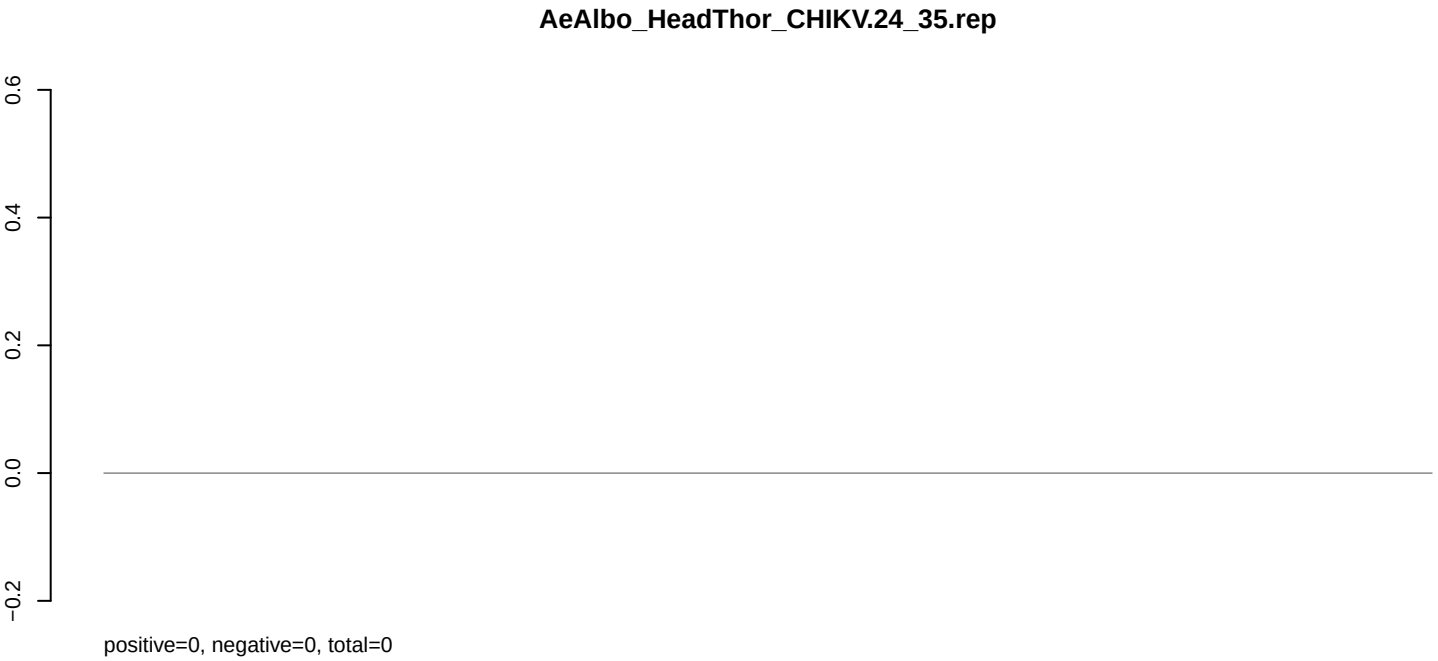

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=4, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=4, negative=0, total=4
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=7, negative=1, total=8
Window size=25, length=3545, TE@ltr−1_family−5356@DNA:1−3545
0
500
1000
1500
2000
2500
3000
3500

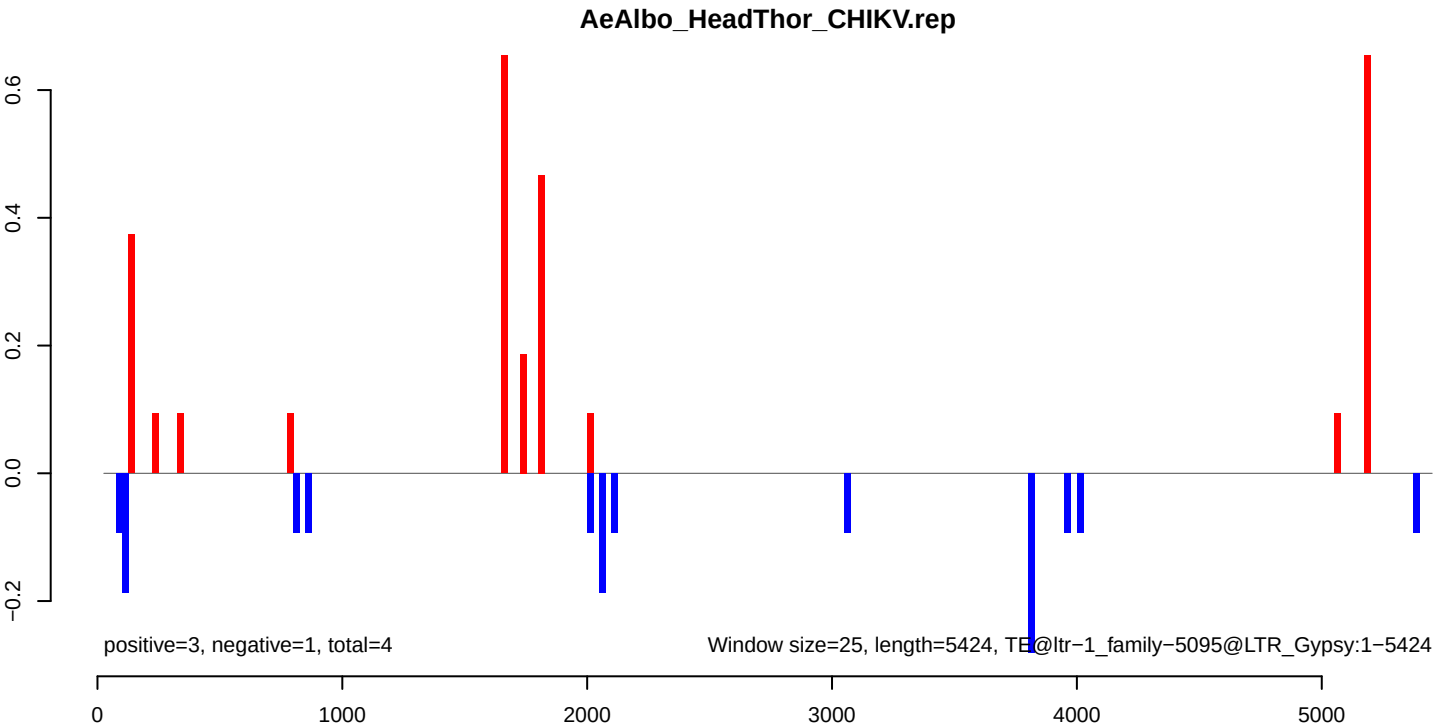

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=31, negative=20, total=50
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=33, negative=20, total=53
Window size=25, length=2019, TE@ltr−1_family−5304@LTR_Gypsy:1−2019
0
500
1000
1500
2000

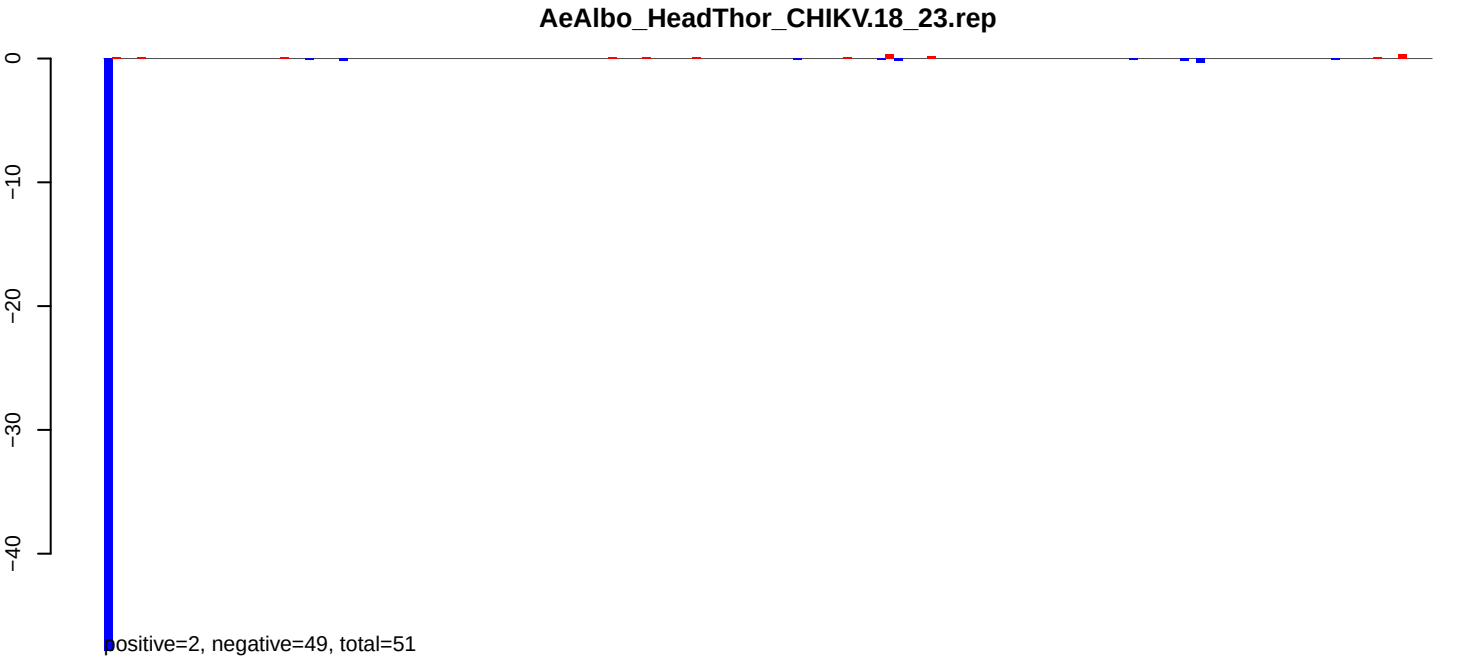

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
positive=4, negative=1, total=5
Window size=25, length=7139, TE@ltr−1_family−5260@LTR_Gypsy:1−7139
0
1000
2000
3000
4000
5000
6000
7000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=4164, TE@ltr−1_family−5139@LTR_Gypsy:1−4164
0
1000
2000
3000
4000

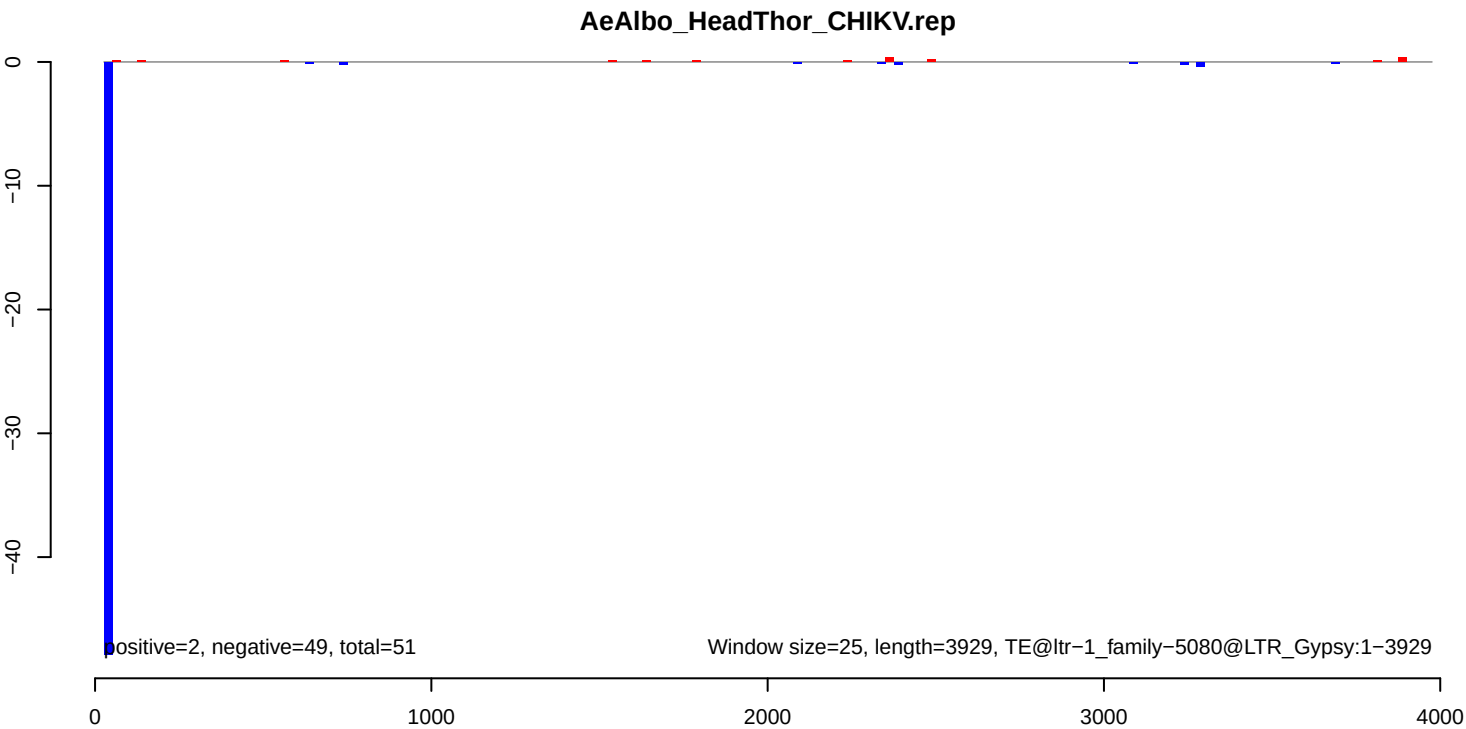

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4

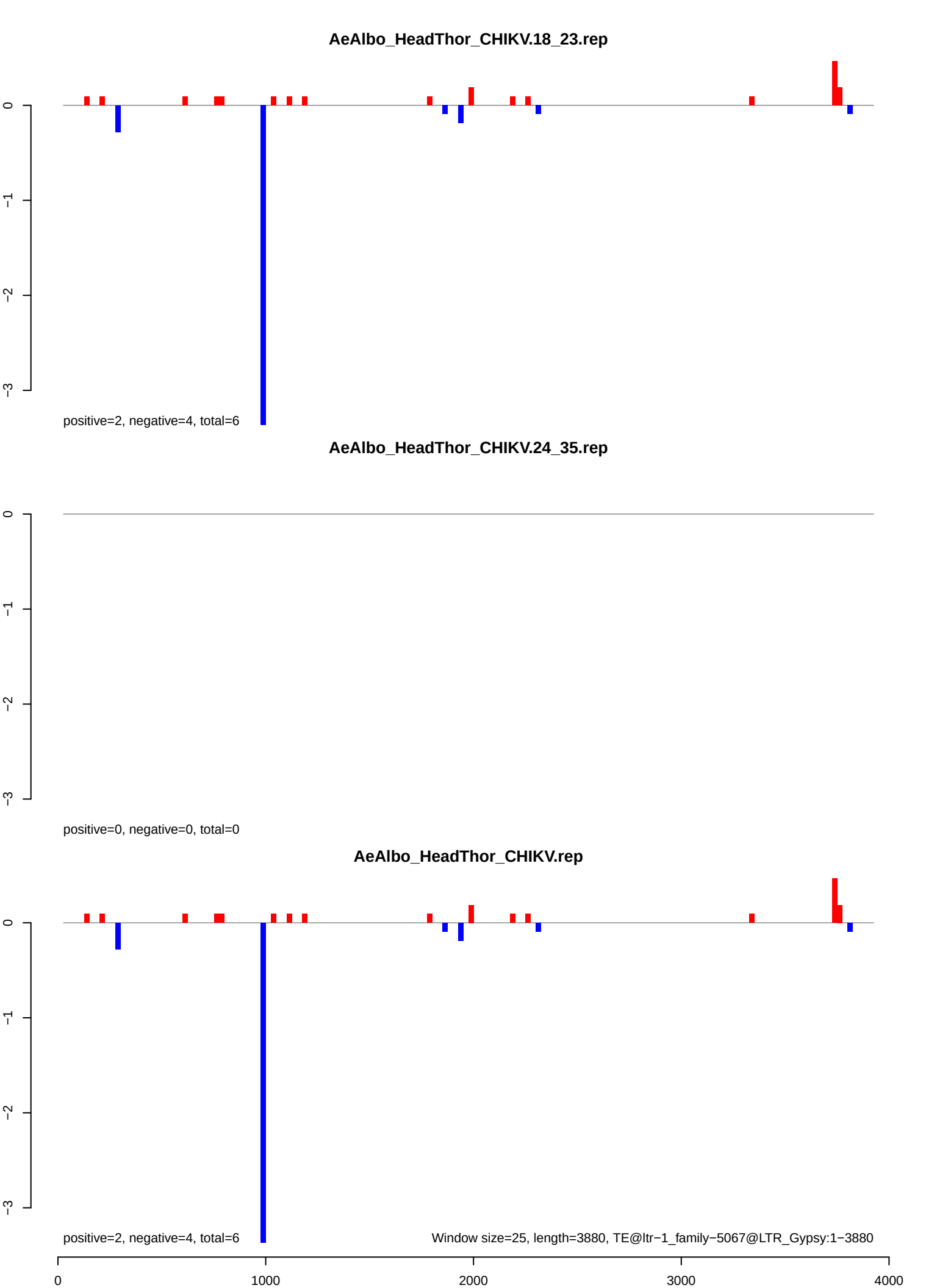

AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

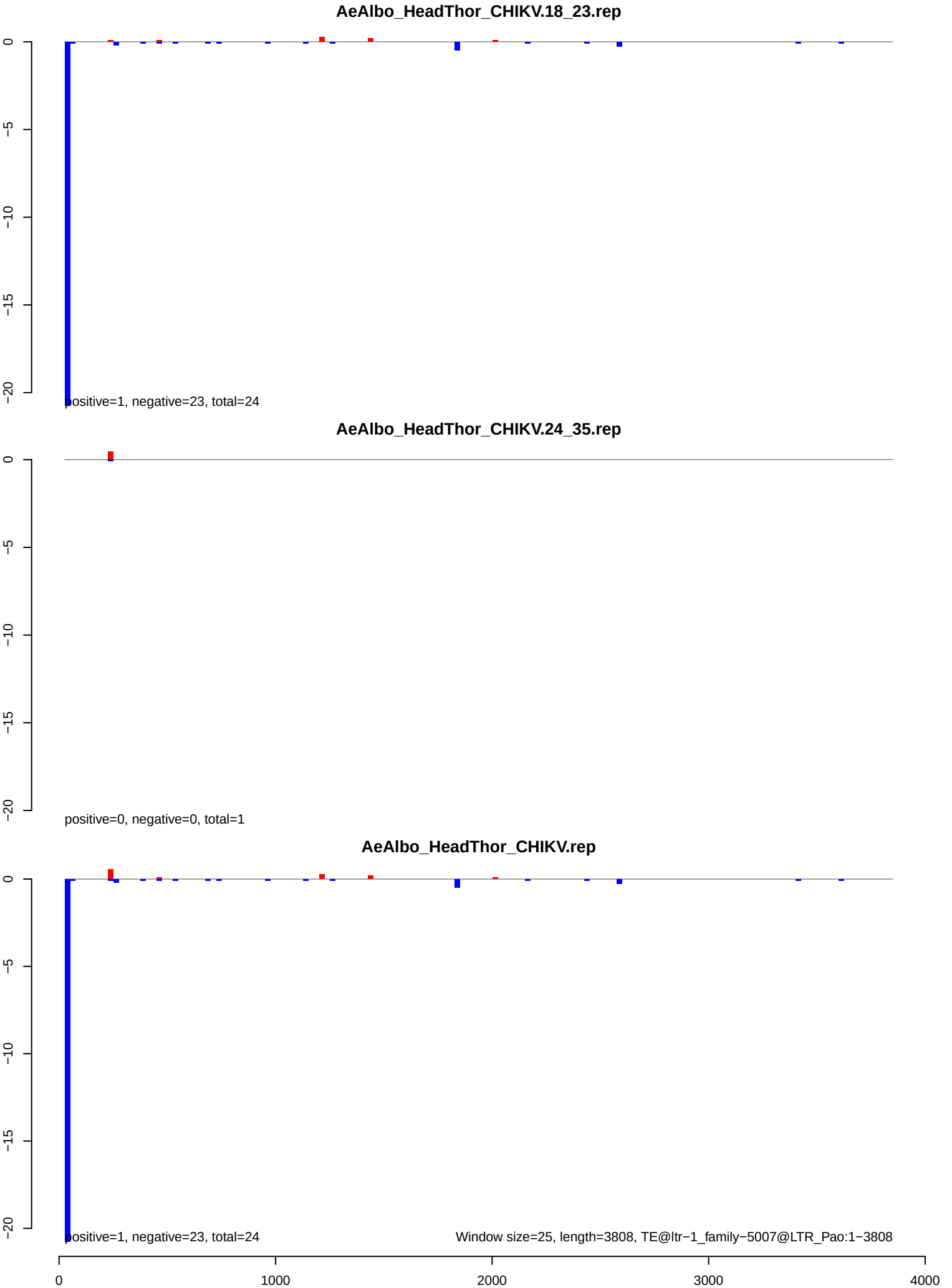

AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
Window size=25, length=5424, TE@ltr−1_family−5095@LTR_Gypsy:1−5424
0
1000
2000
3000
4000
5000

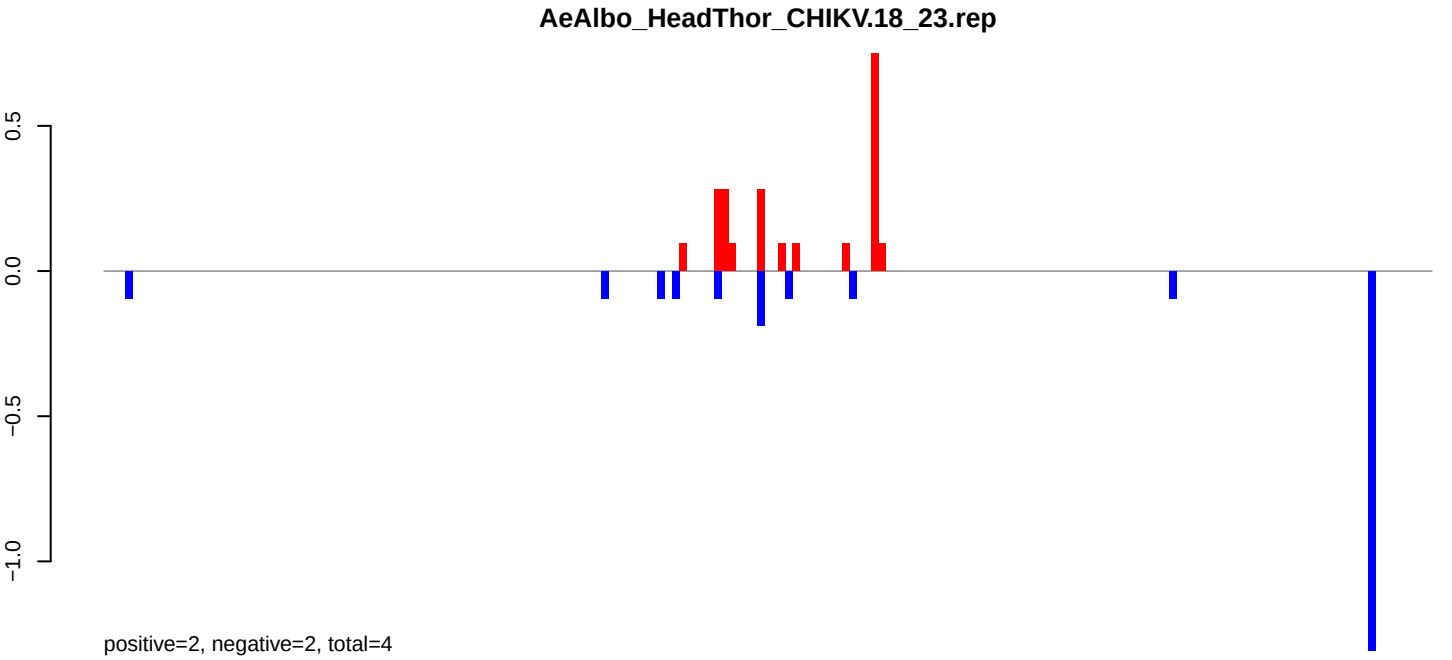

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=2, negative=49, total=51

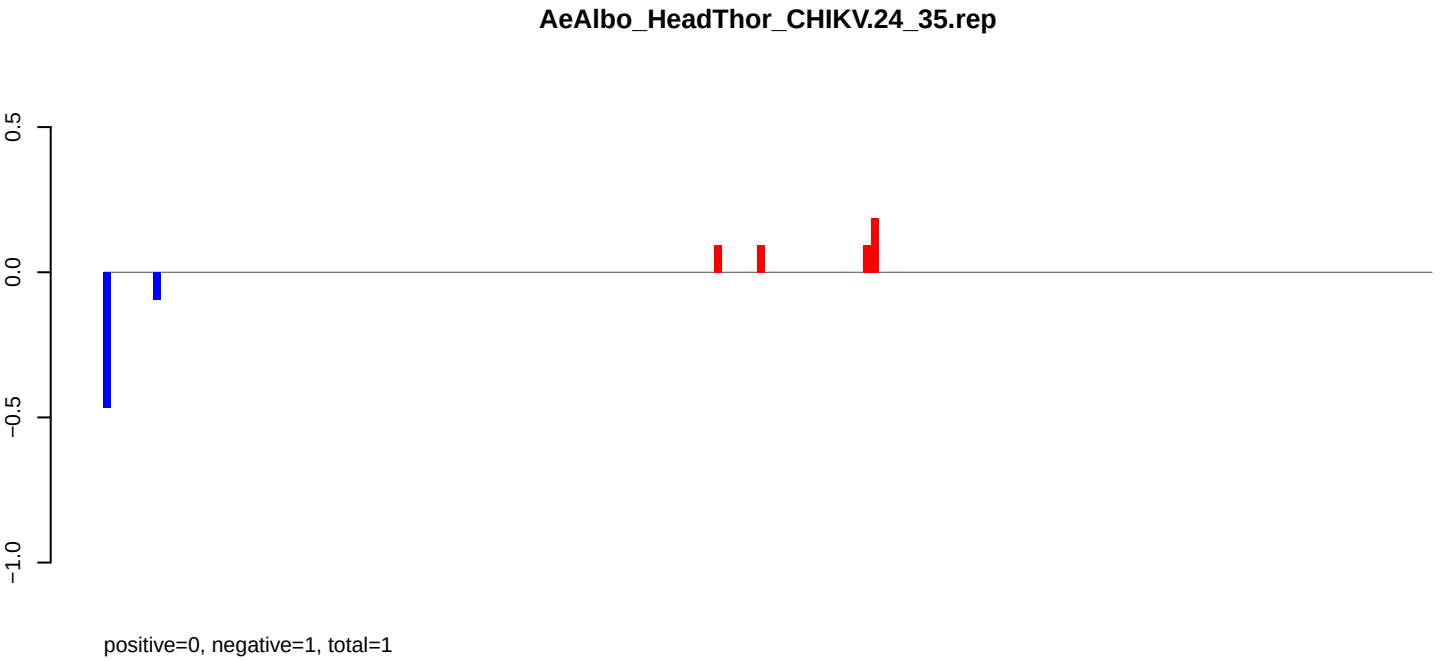
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0

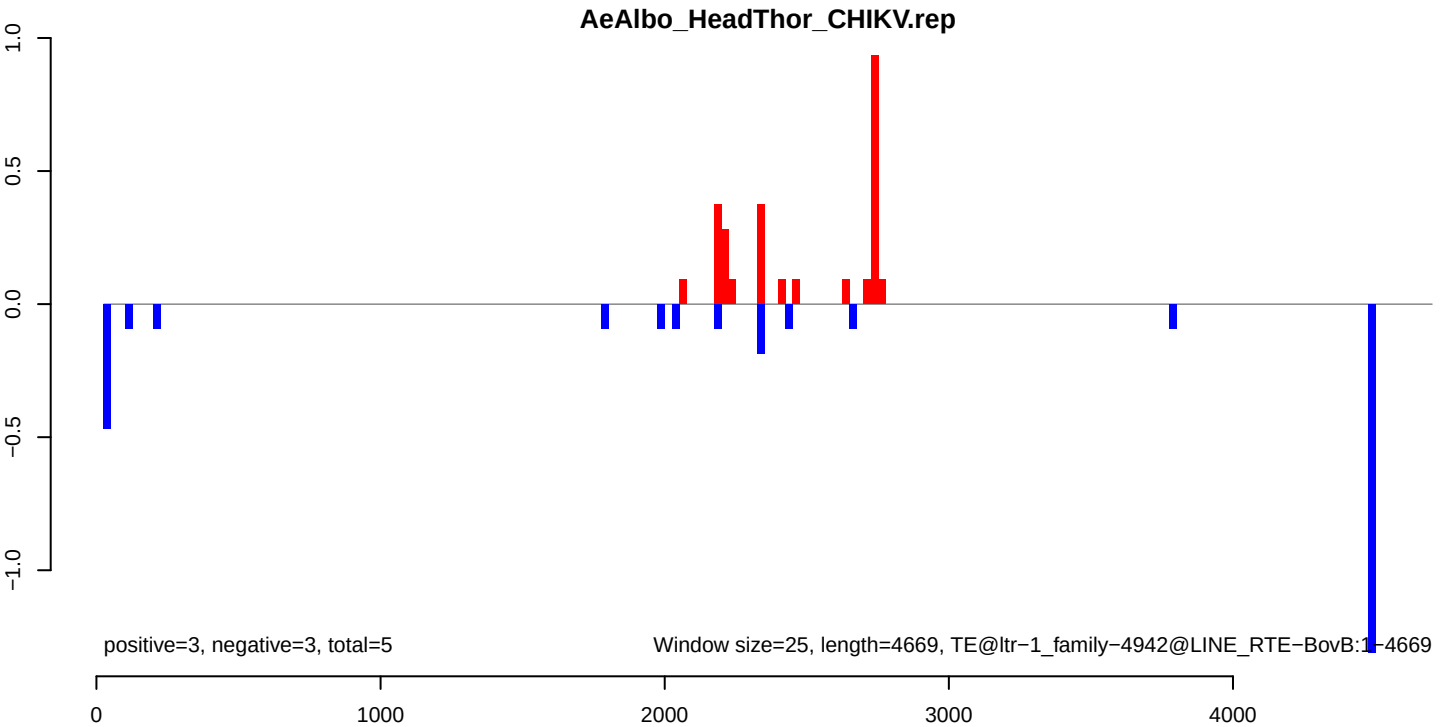

AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=2, negative=49, total=51
Window size=25, length=3929, TE@ltr−1_family−5080@LTR_Gypsy:1−3929
0
1000
2000
3000
4000

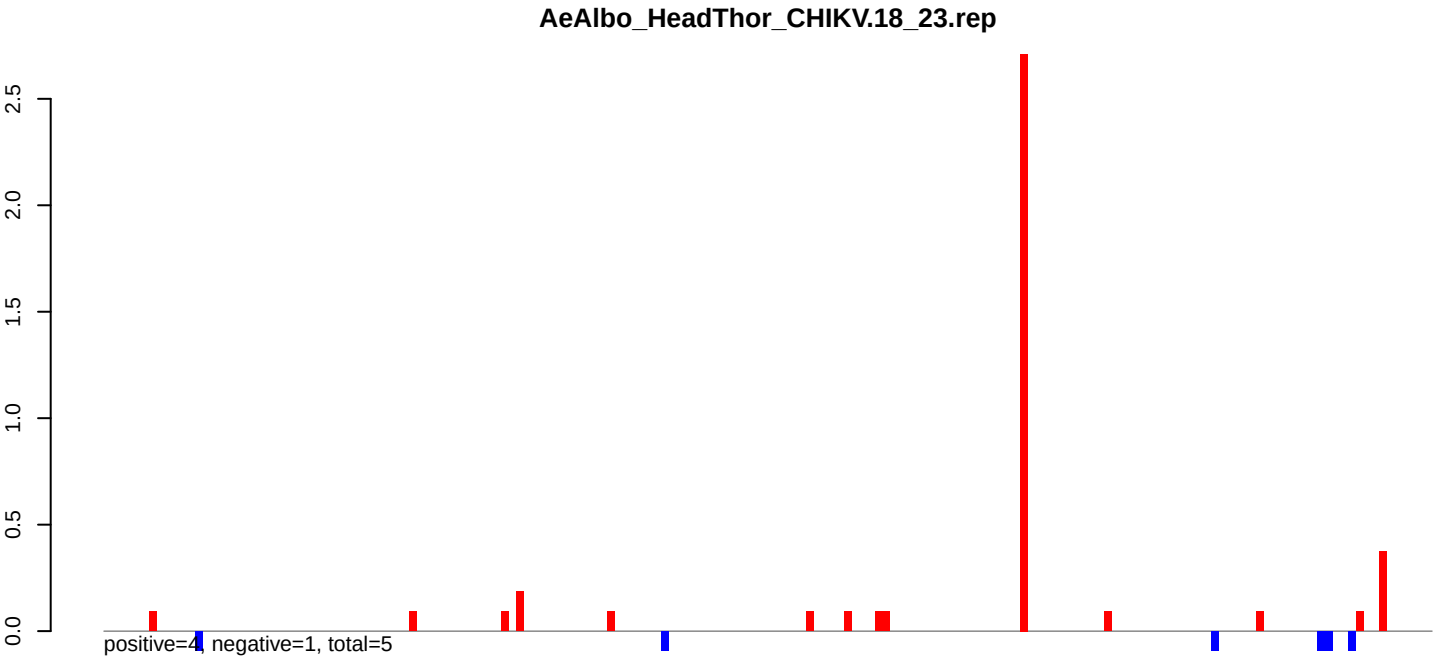

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=2, negative=4, total=6
Window size=25, length=3880, TE@ltr−1_family−5067@LTR_Gypsy:1−3880
0
1000
2000
3000
4000

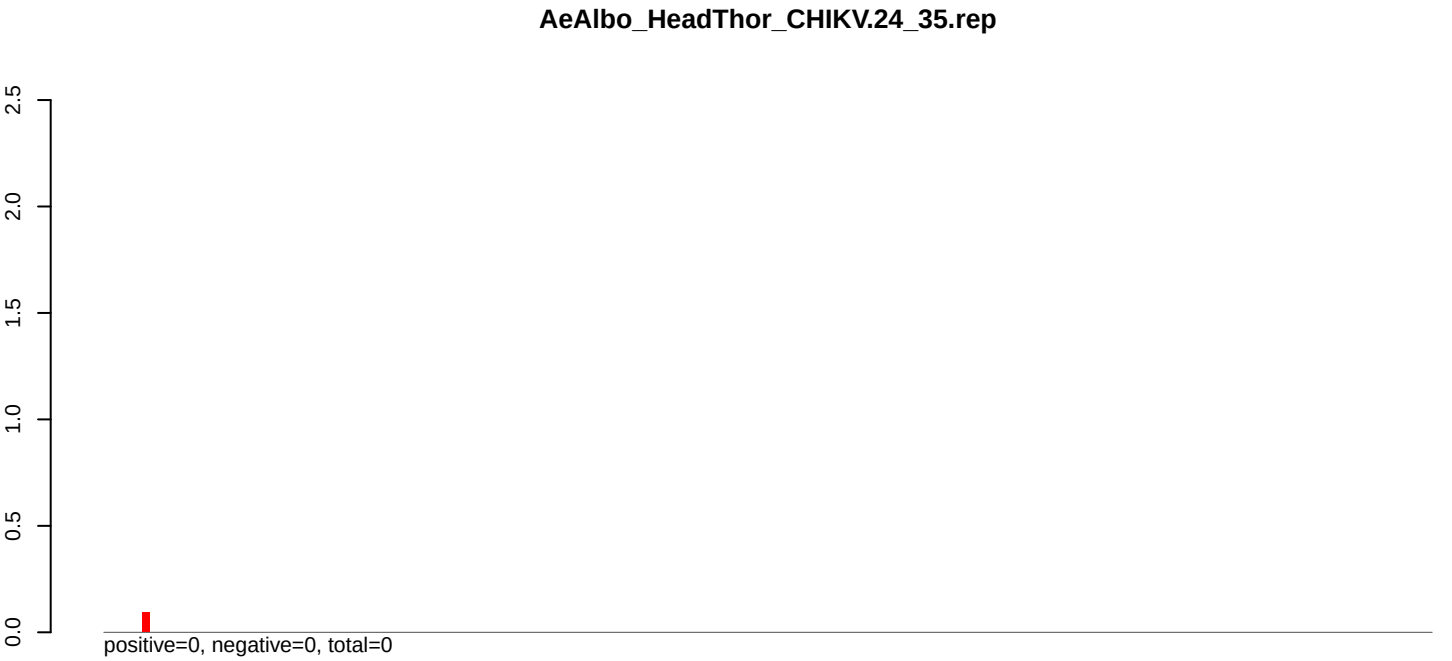

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=23, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=23, total=24
Window size=25, length=3808, TE@ltr−1_family−5007@LTR_Pao:1−3808
0
1000
2000
3000
4000

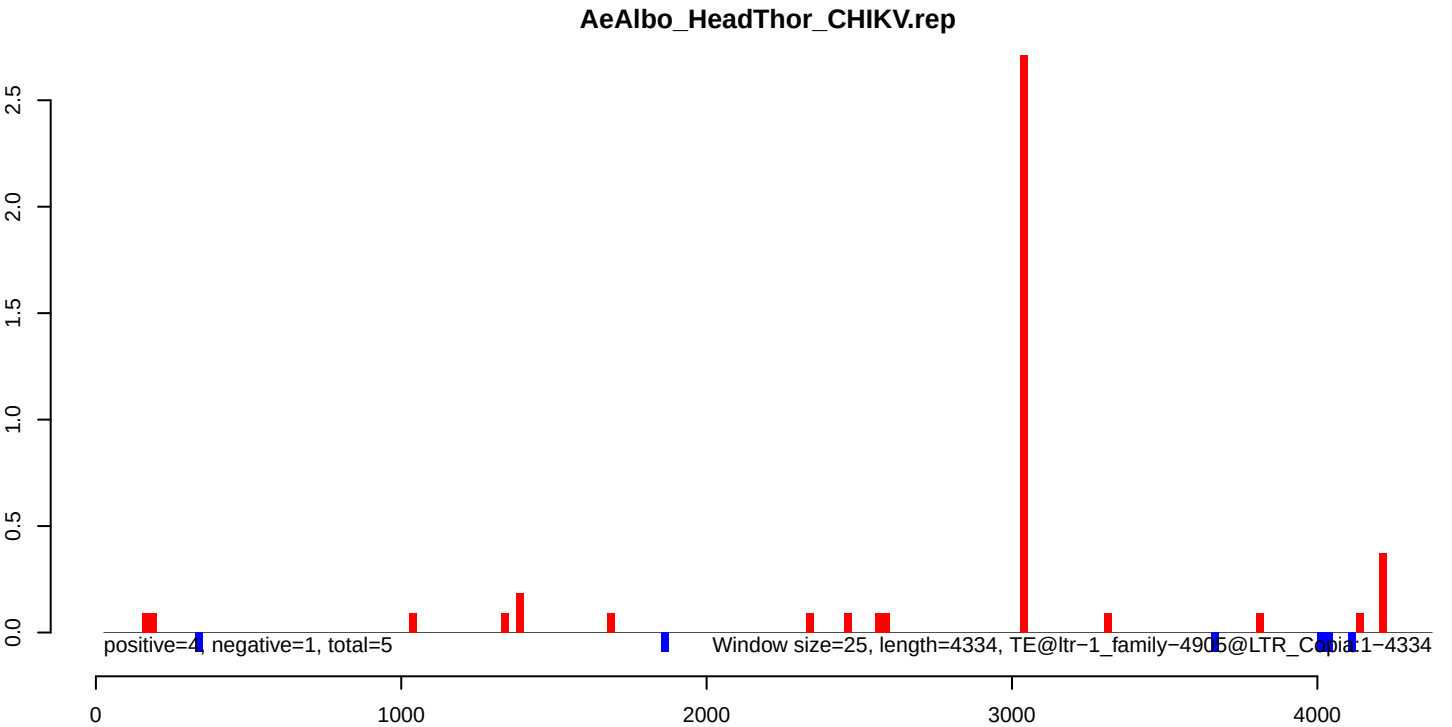

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4

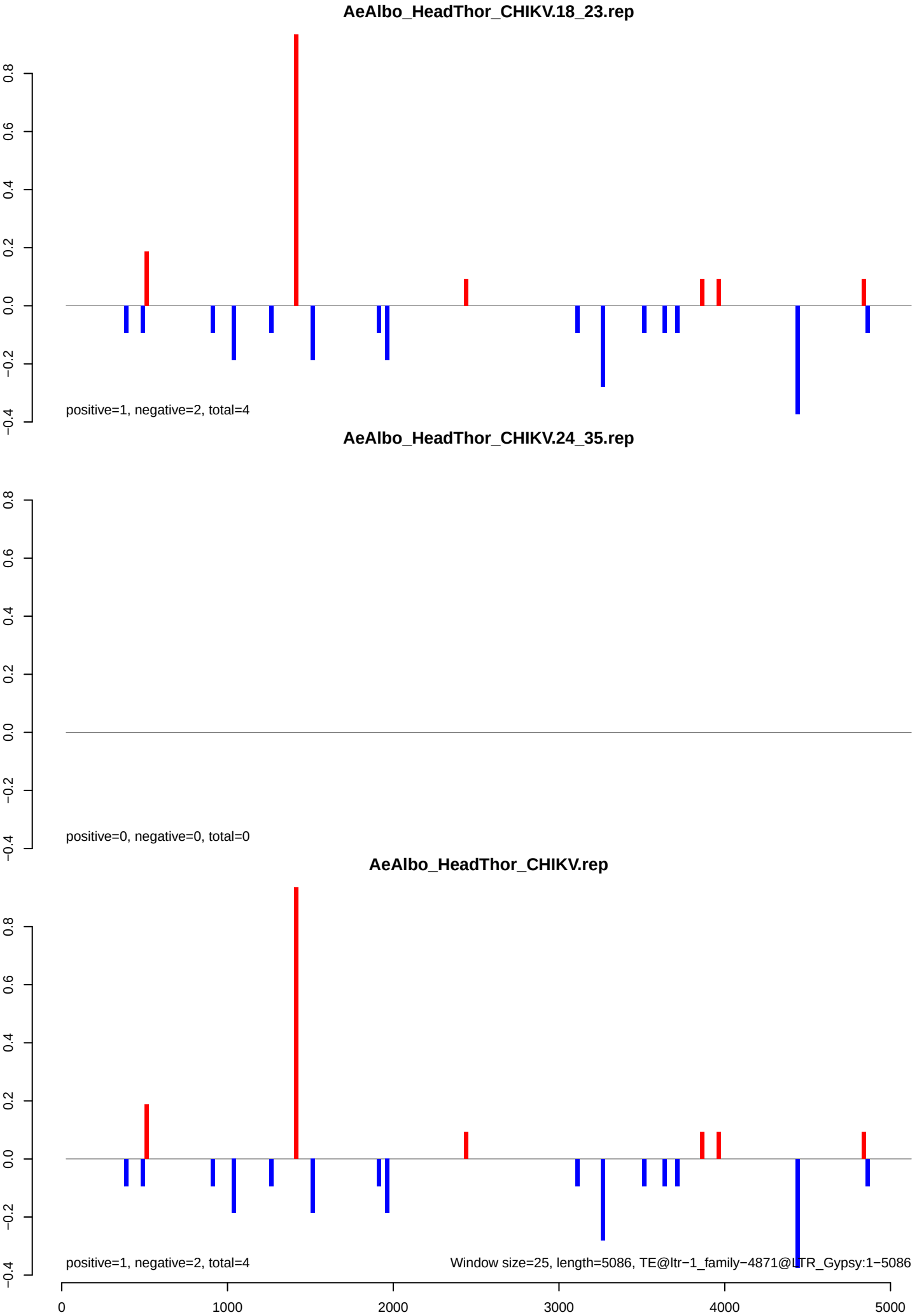

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=1, total=1

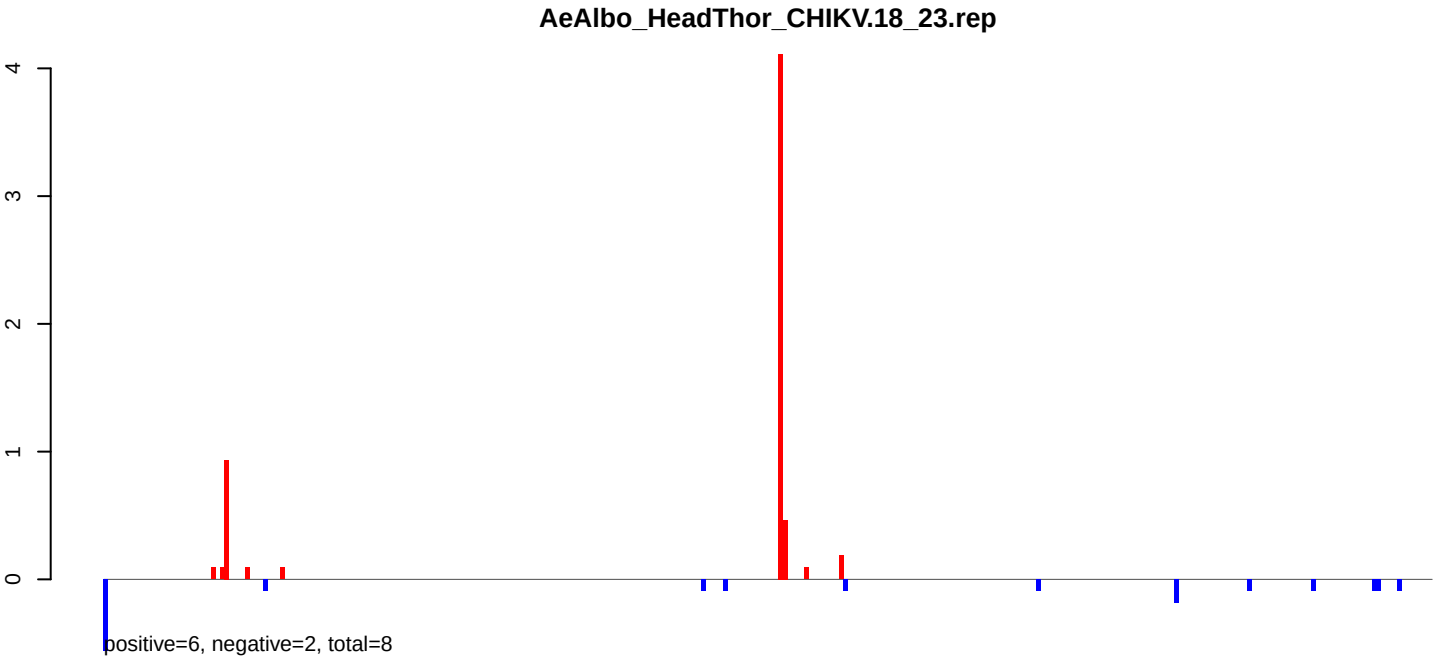

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=5
Window size=25, length=4669, TE@ltr−1_family−4942@LINE_RTE−BovB:1−4669
0
1000
2000
3000
4000

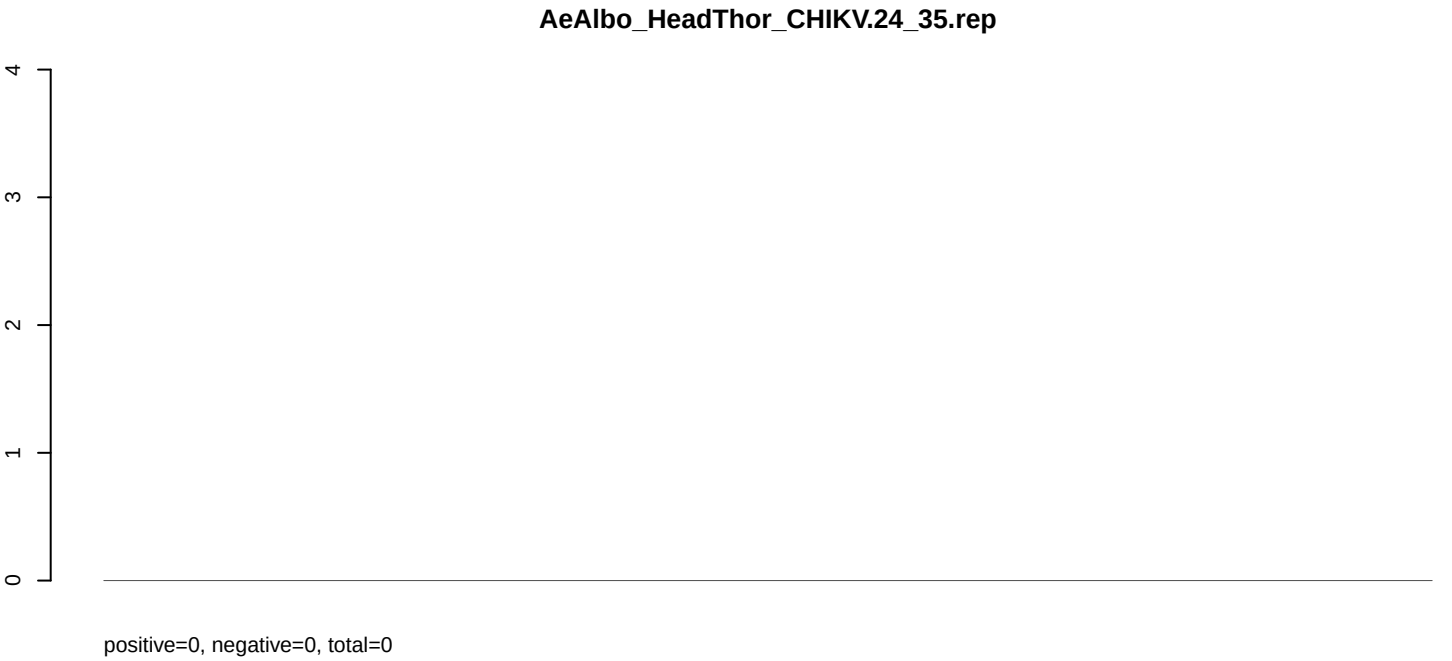

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=4, negative=1, total=5

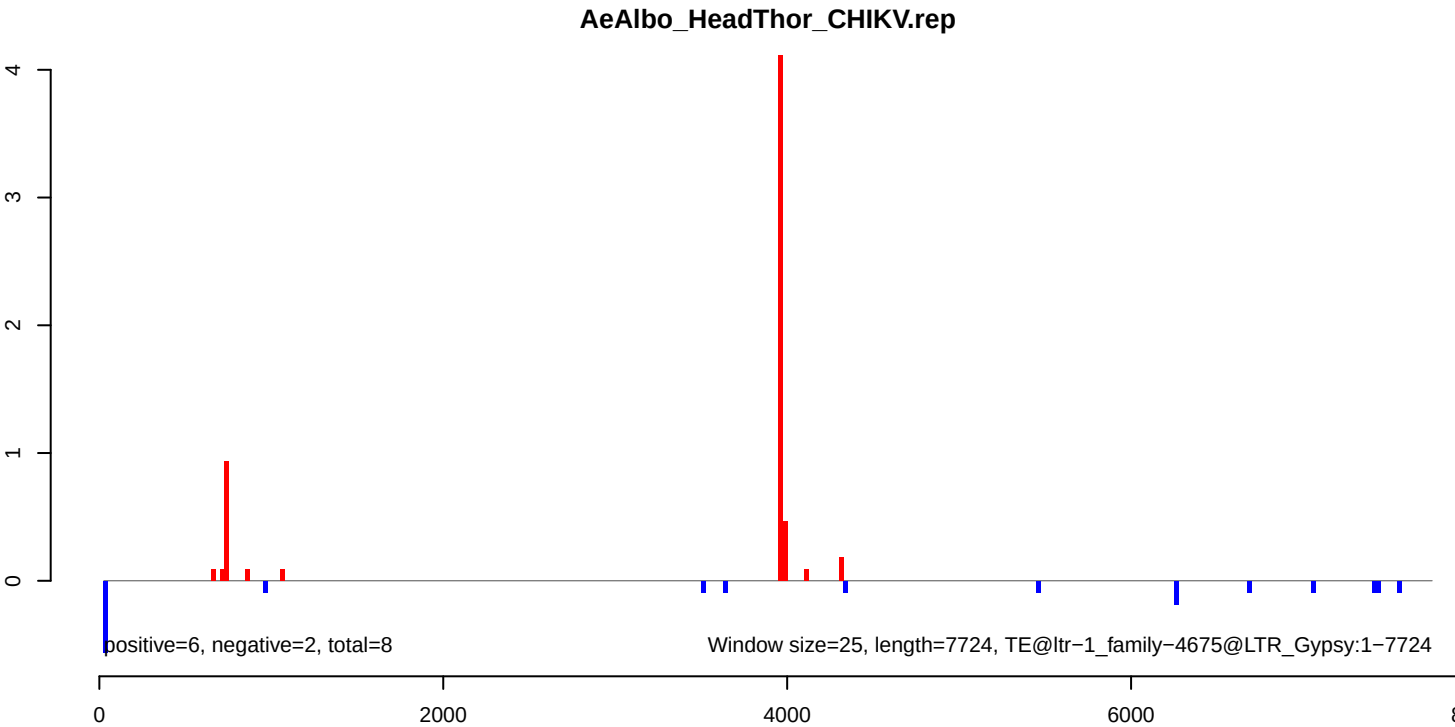

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0

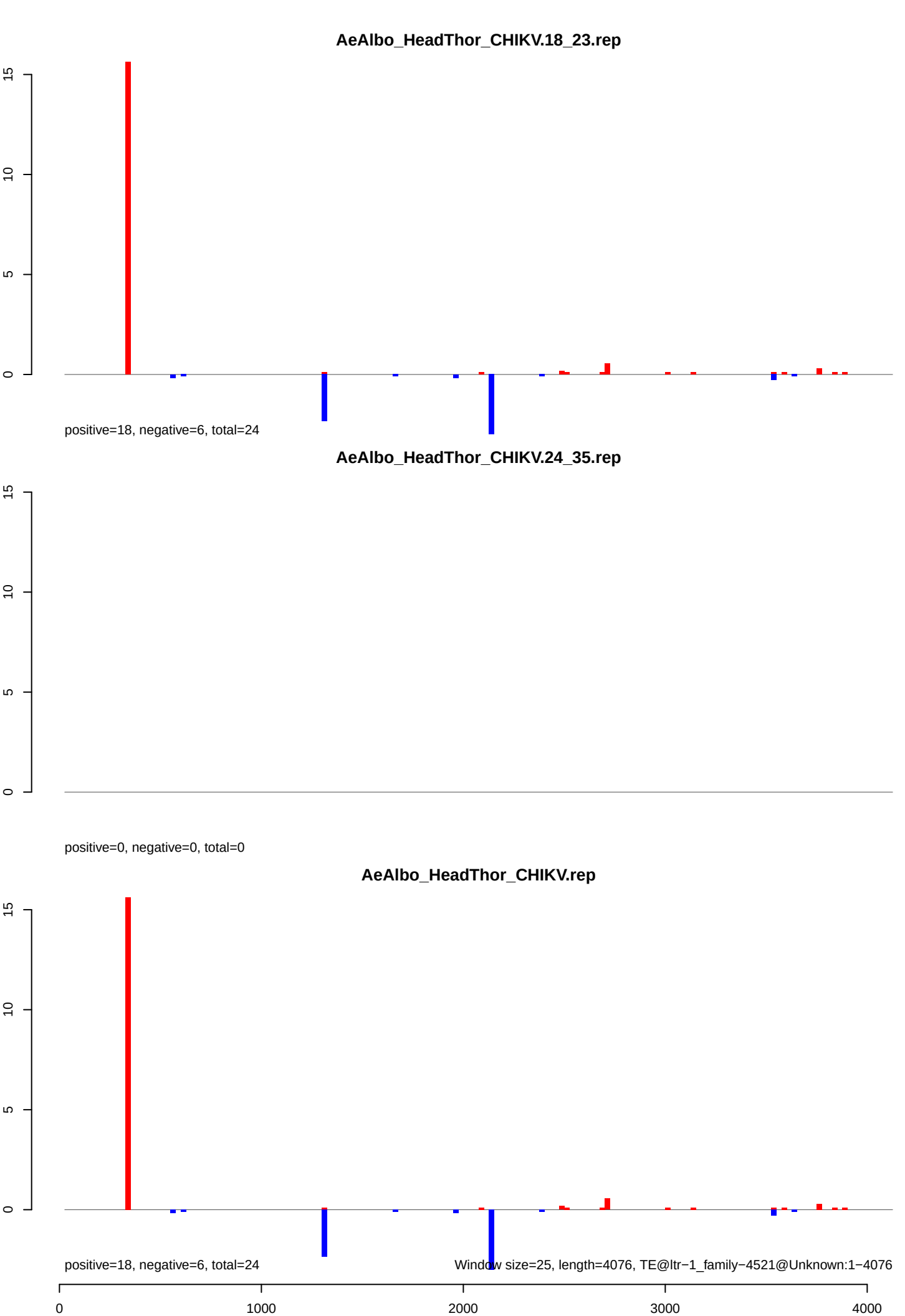

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=4, negative=1, total=5
Window size=25, length=4334, TE@ltr−1_family−490
5@LTR_Copia1−4334
0
1000
2000
3000
4000

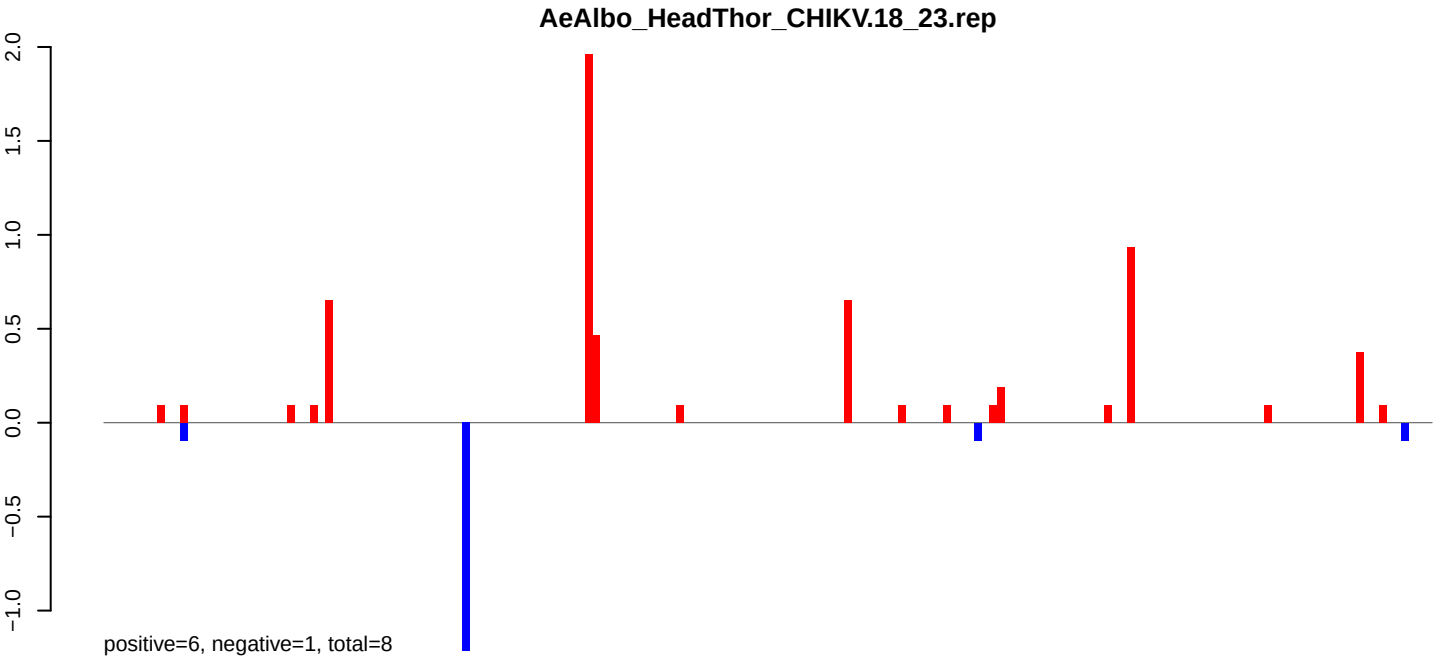

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=4
Window size=25, length=5086, TE@ltr−1_family−4871@LTR_Gypsy:1−5086
0
1000
2000
3000
4000
5000

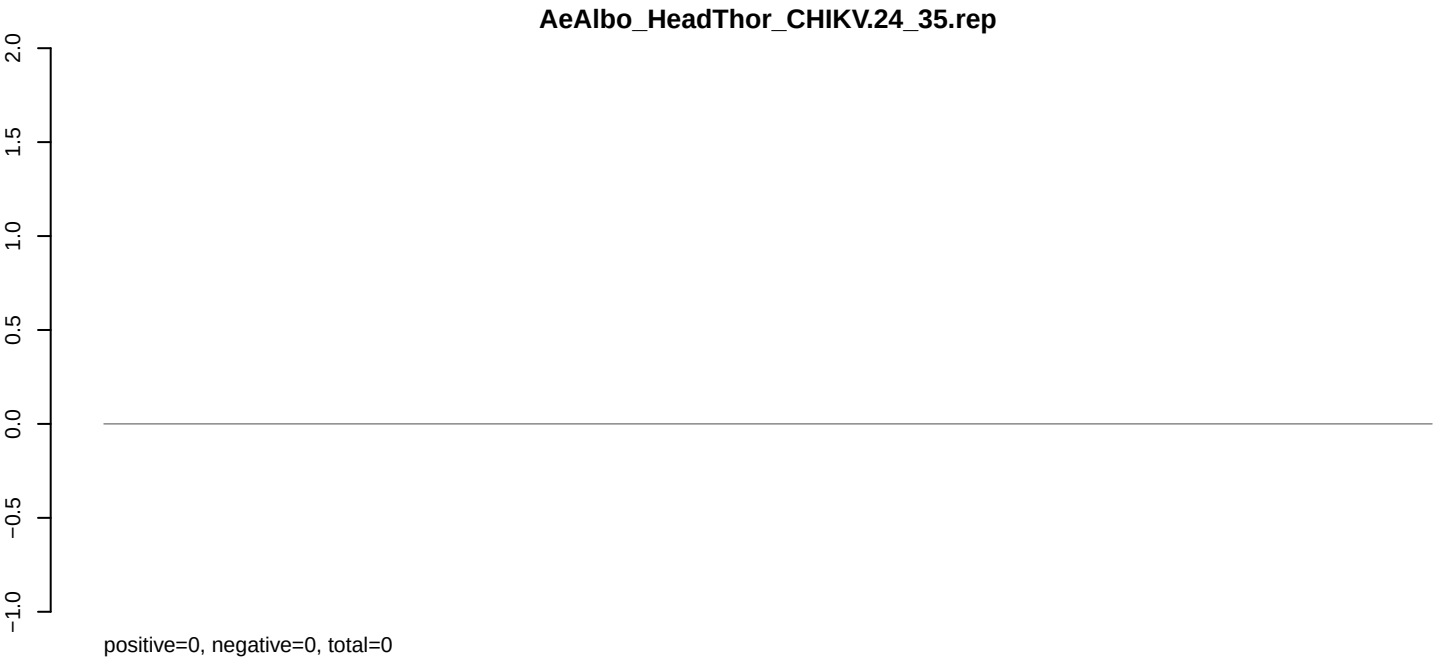

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=6, negative=2, total=8

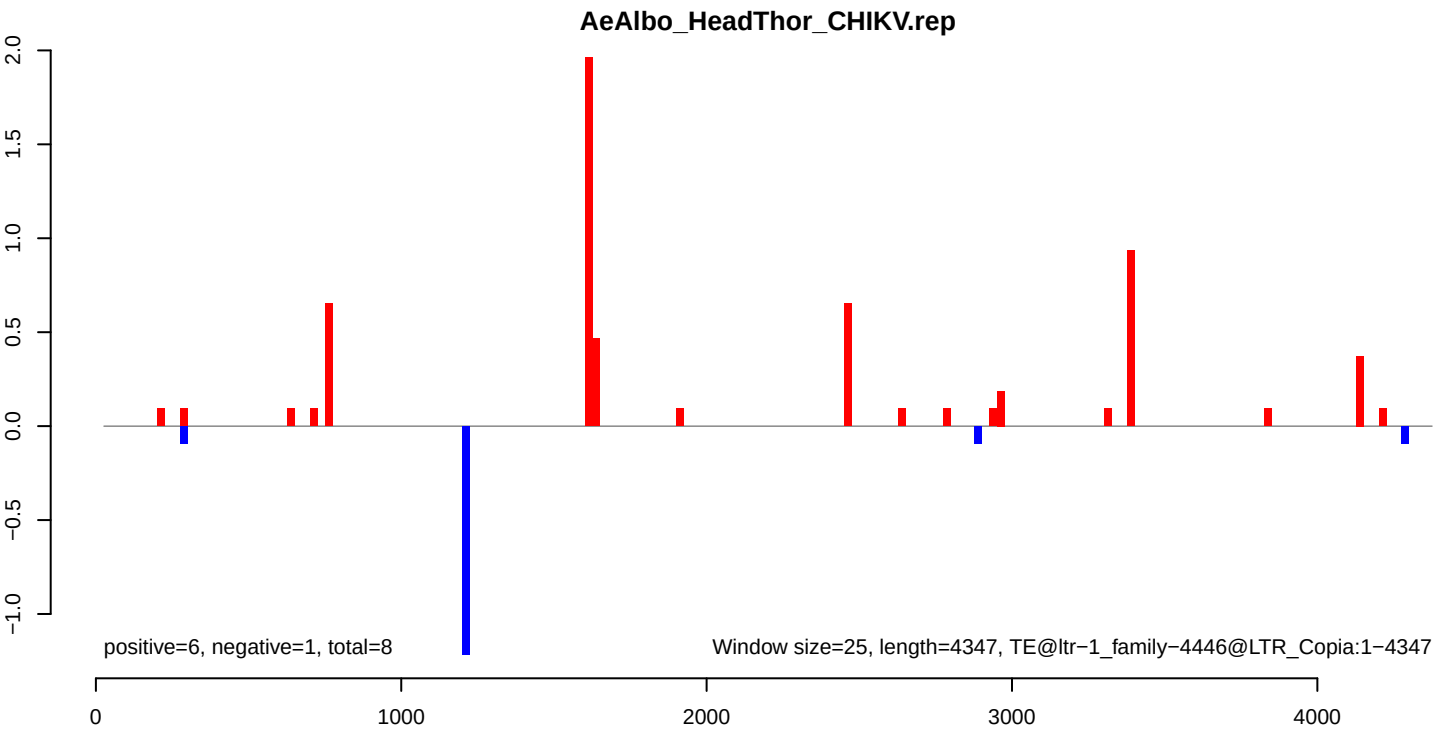

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0

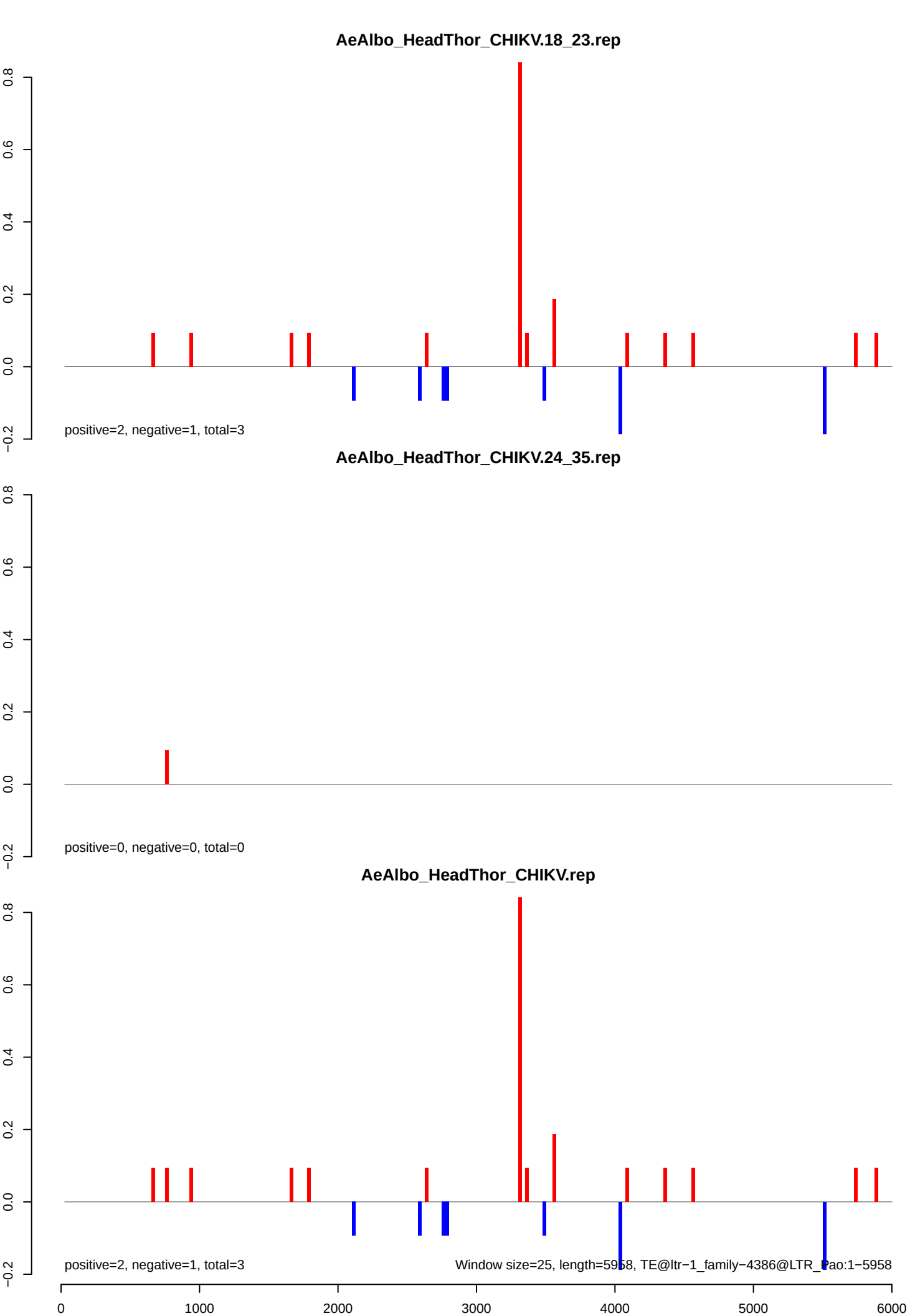

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=6, negative=2, total=8
Window size=25, length=7724, TE@ltr−1_family−4675@LTR_Gypsy:1−7724
0
2000
4000
6000
8000

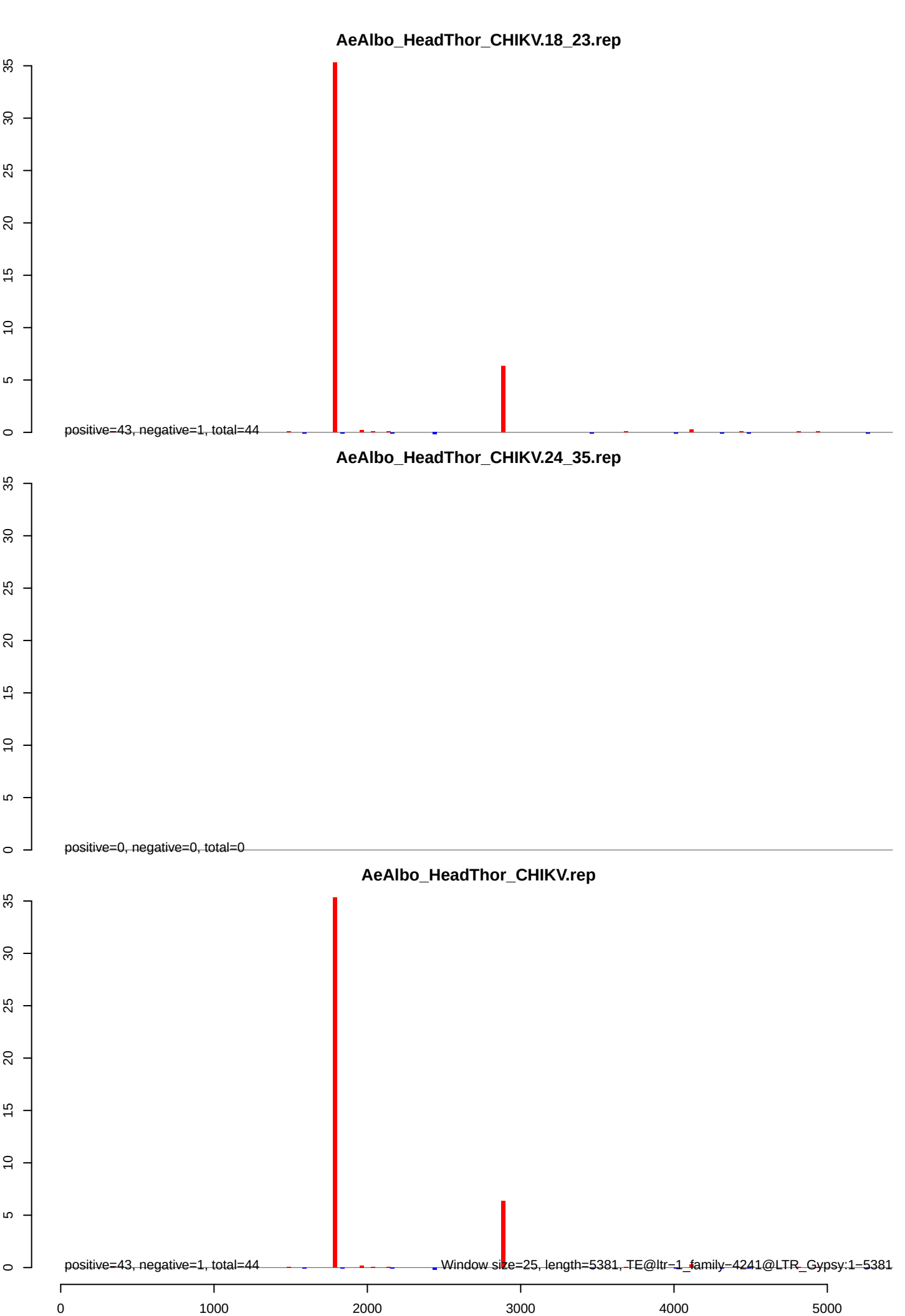

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=18, negative=6, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
positive=18, negative=6, total=24
Window size=25, length=4076, TE@ltr−1_family−4521@Unknown:1−4076
0
1000
2000
3000
4000

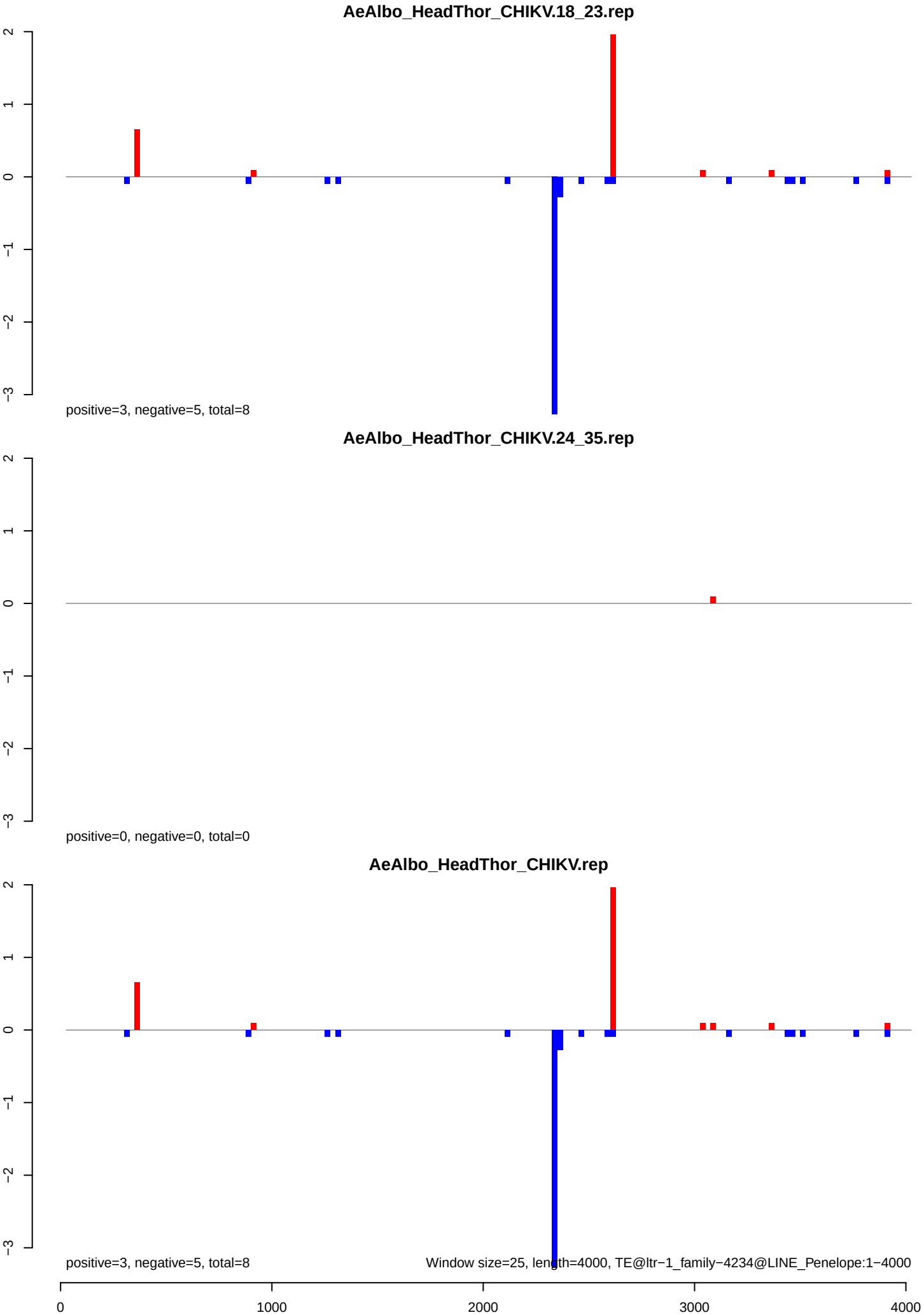

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=6, negative=1, total=8

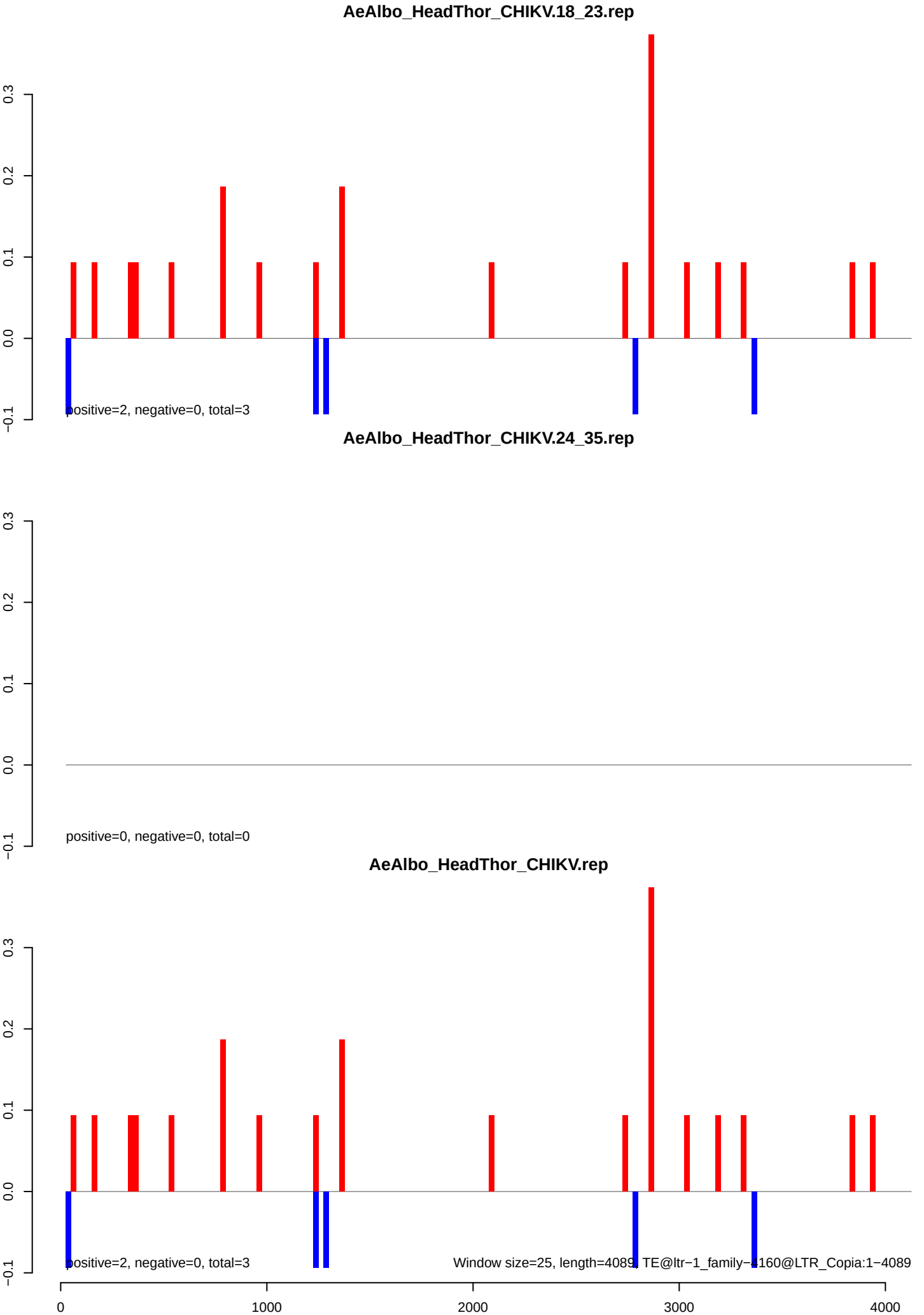

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

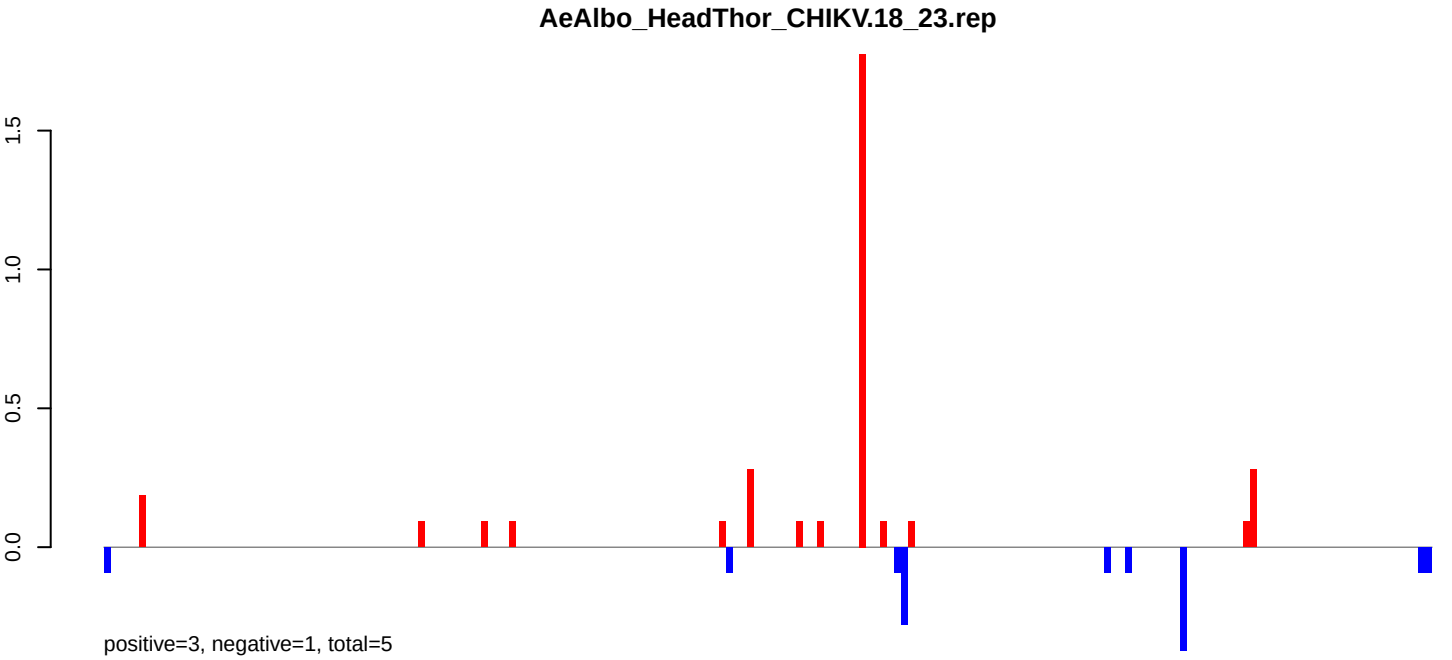

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=6, negative=1, total=8
Window size=25, length=4347, TE@ltr−1_family−4446@LTR_Copia:1−4347
0
1000
2000
3000
4000

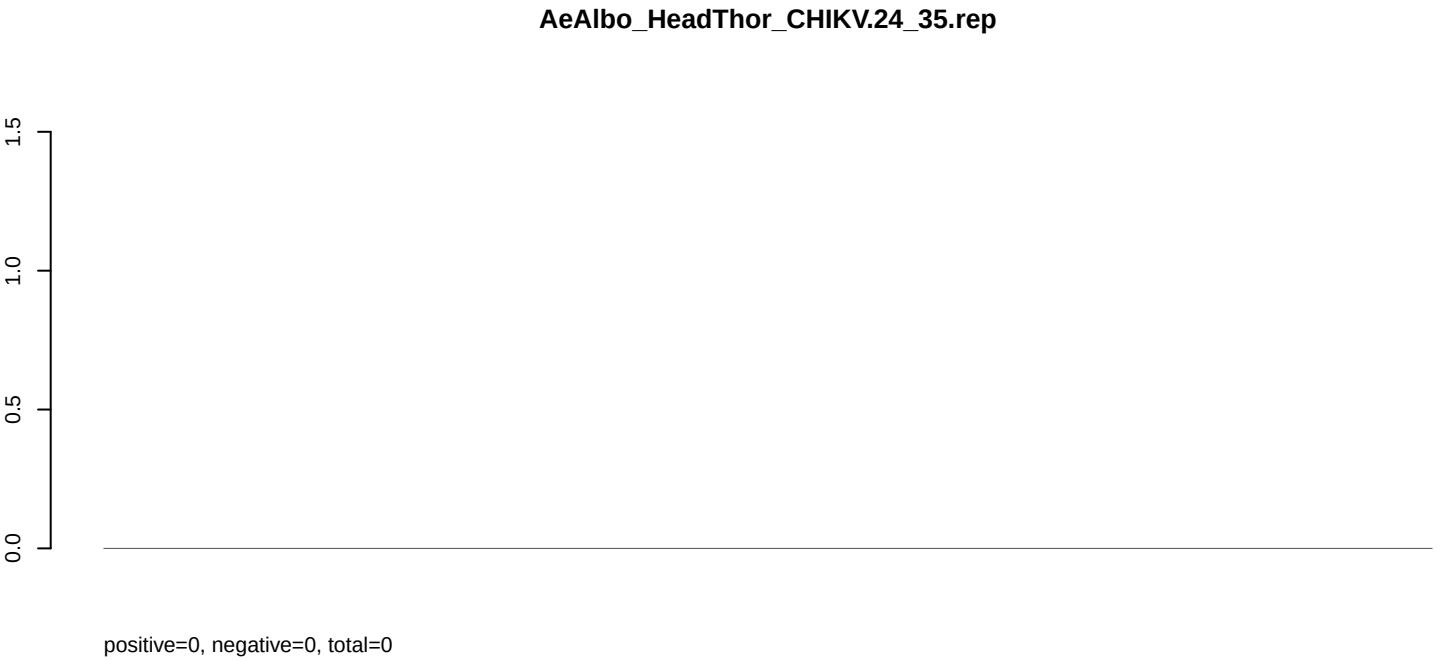

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=5958, TE@ltr−1_family−4386@LTR_Pao:1−5958
0
1000
2000
3000
4000
5000
6000

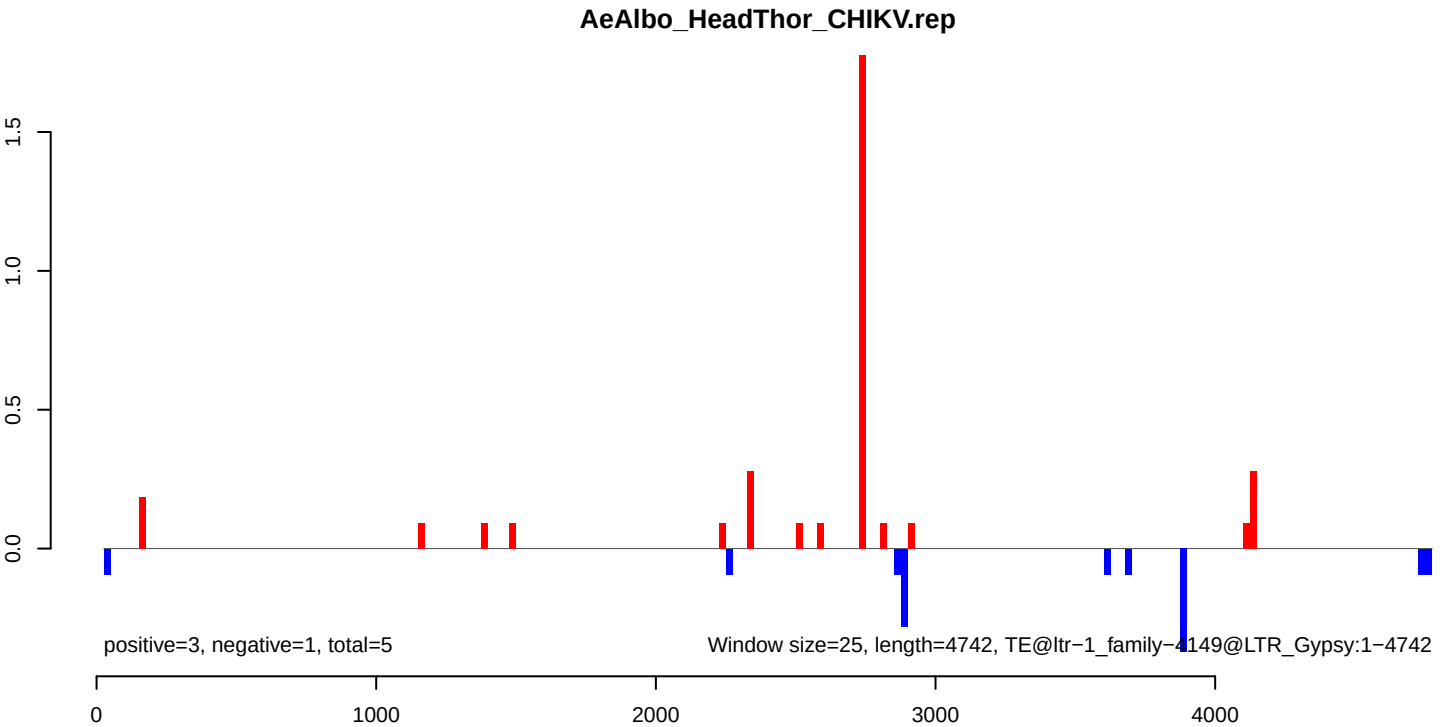

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=43, negative=1, total=44
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=43, negative=1, total=44
Window size=25, length=5381, TE@ltr−1_family−4241@LTR_Gypsy:1−5381
0
5
10
15
20
25
30
35
0
1000
2000
3000
4000
5000

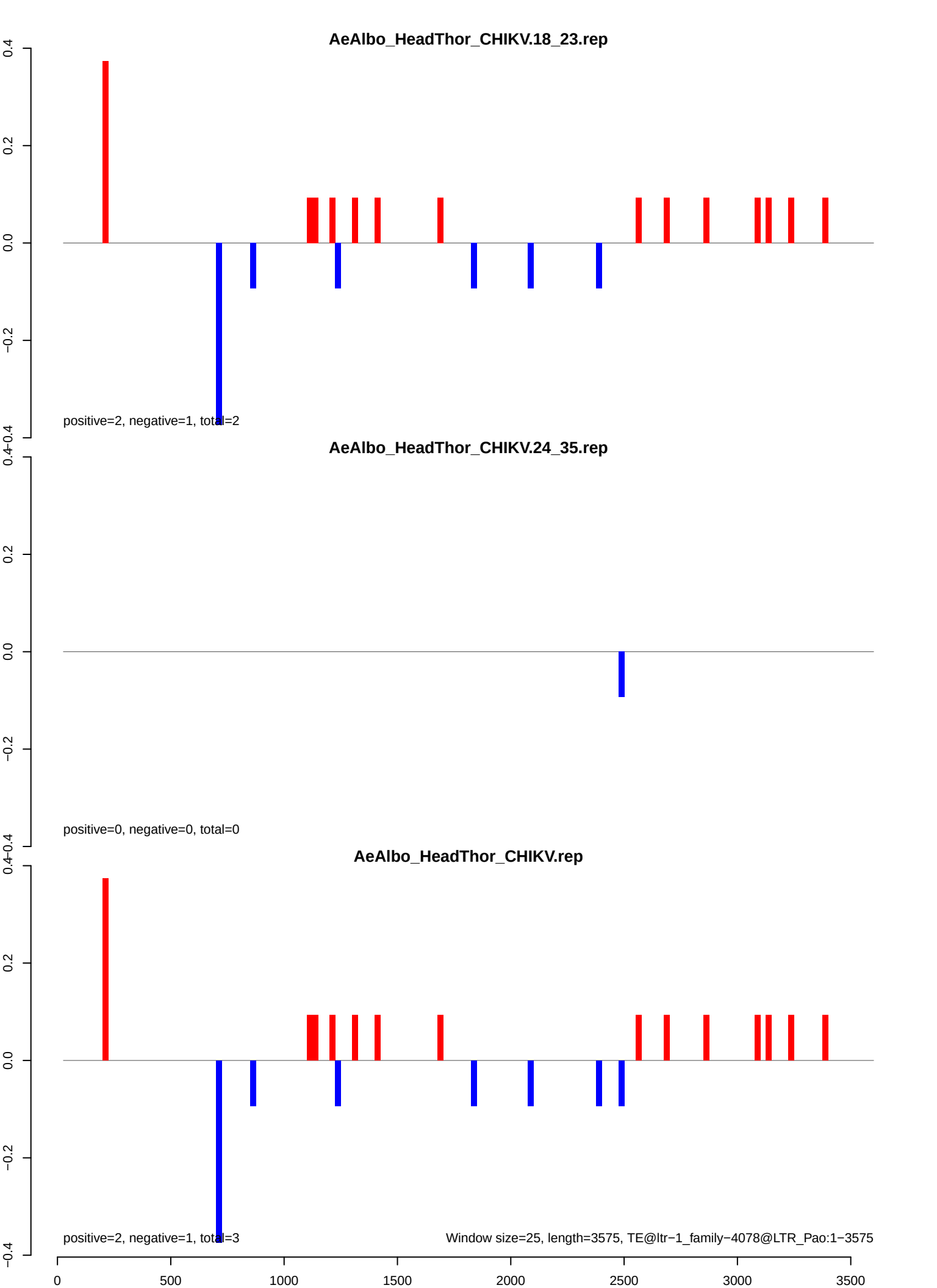

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=5, total=8
Window size=25, length=4000, TE@ltr−1_family−4234@LINE_Penelope:1−4000
2
1
0
−1
−2
−3
0
1000
2000
3000
4000

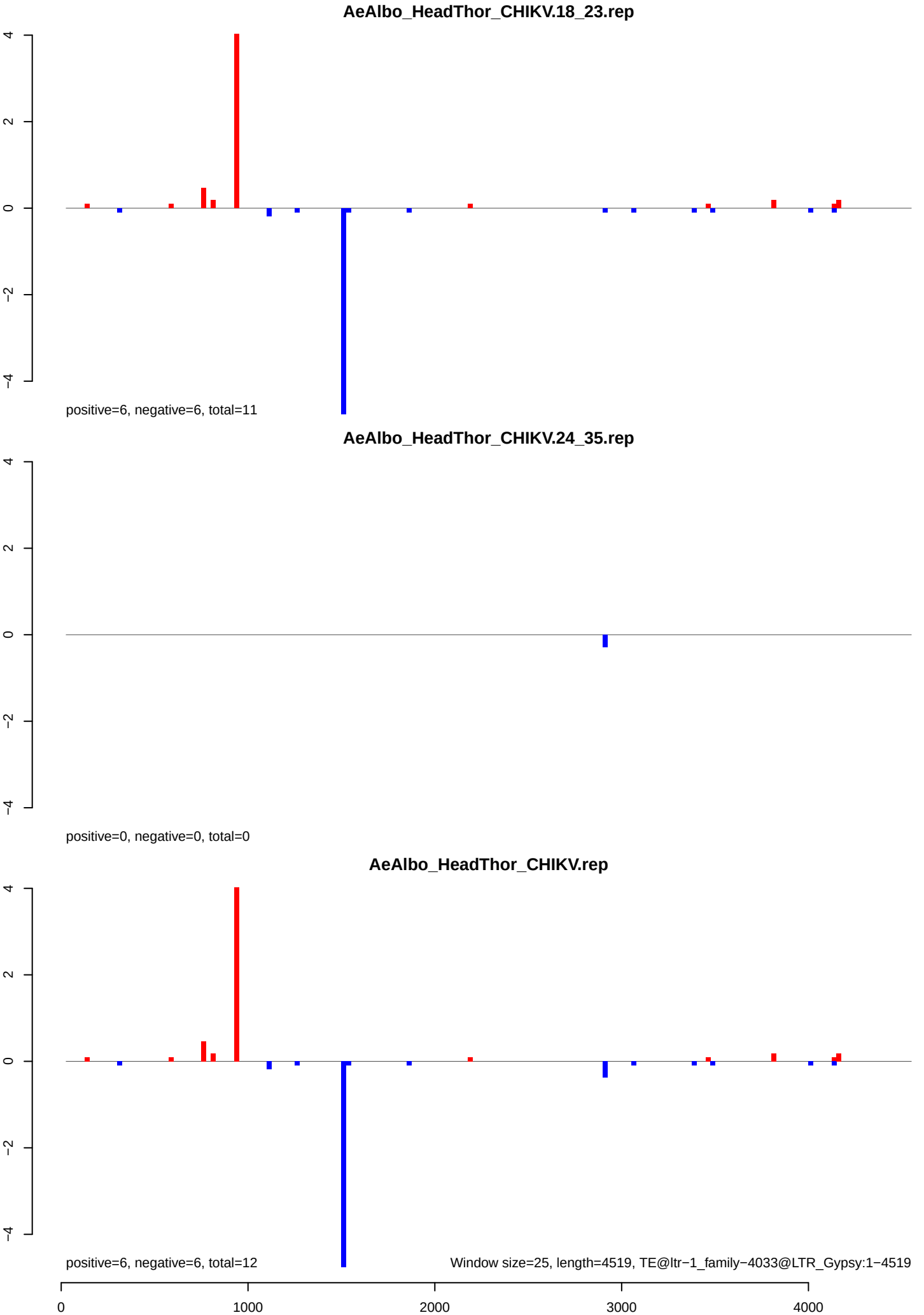

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=3
Window size=25, length=4089, TE@ltr−1_family−4160@LTR_Copia:1−4089
0
1000
2000
3000
4000

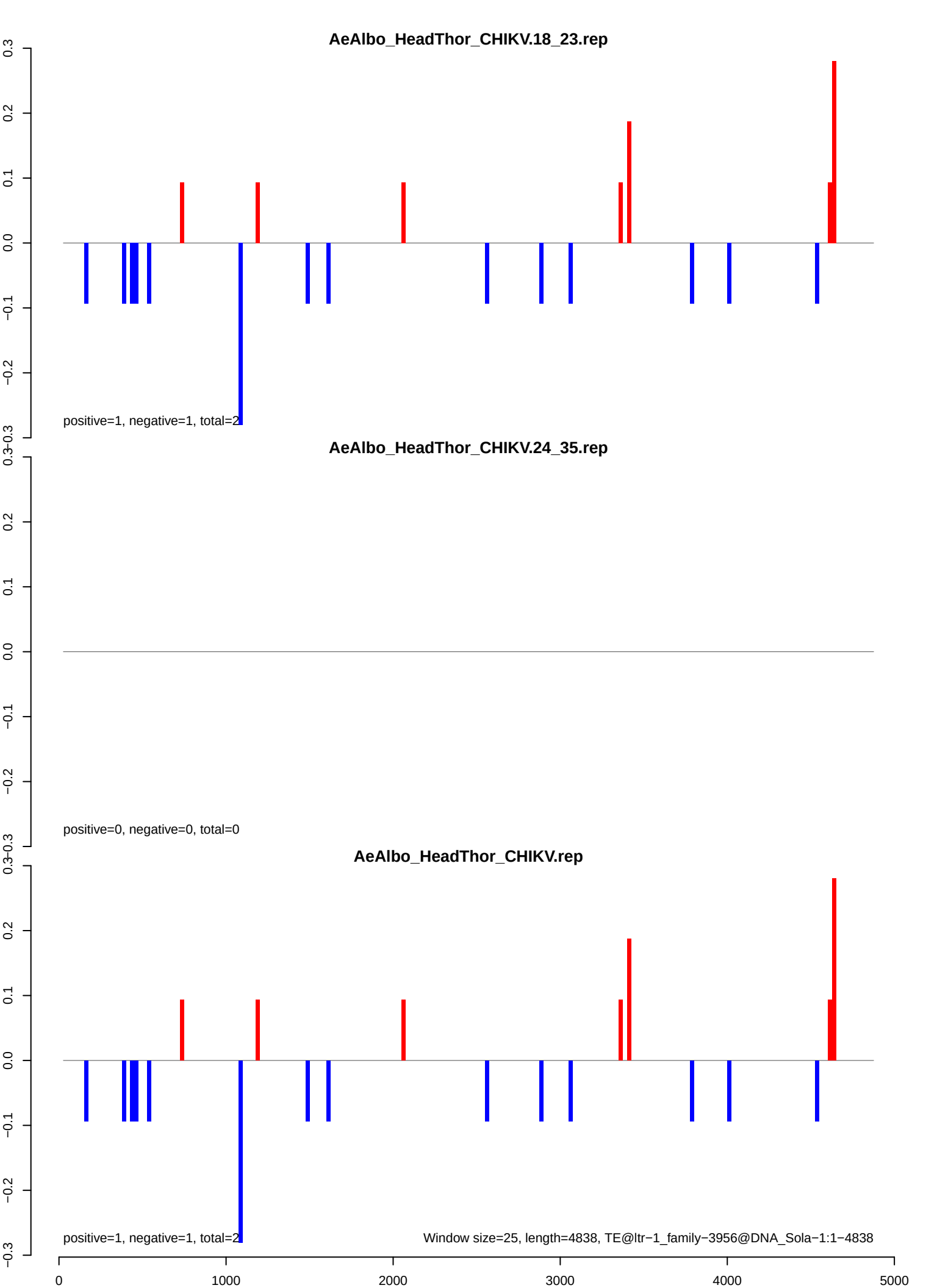

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=5

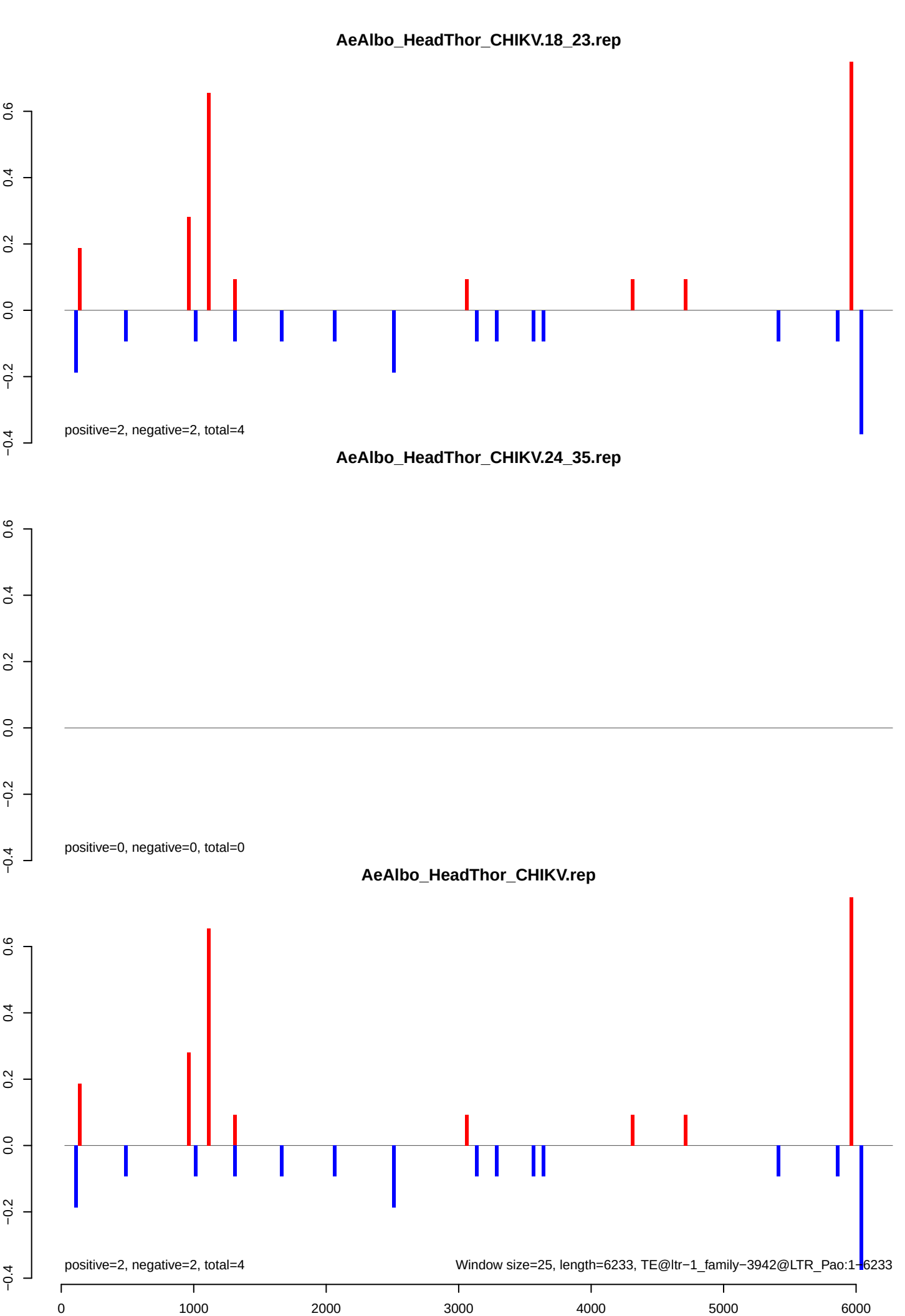

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

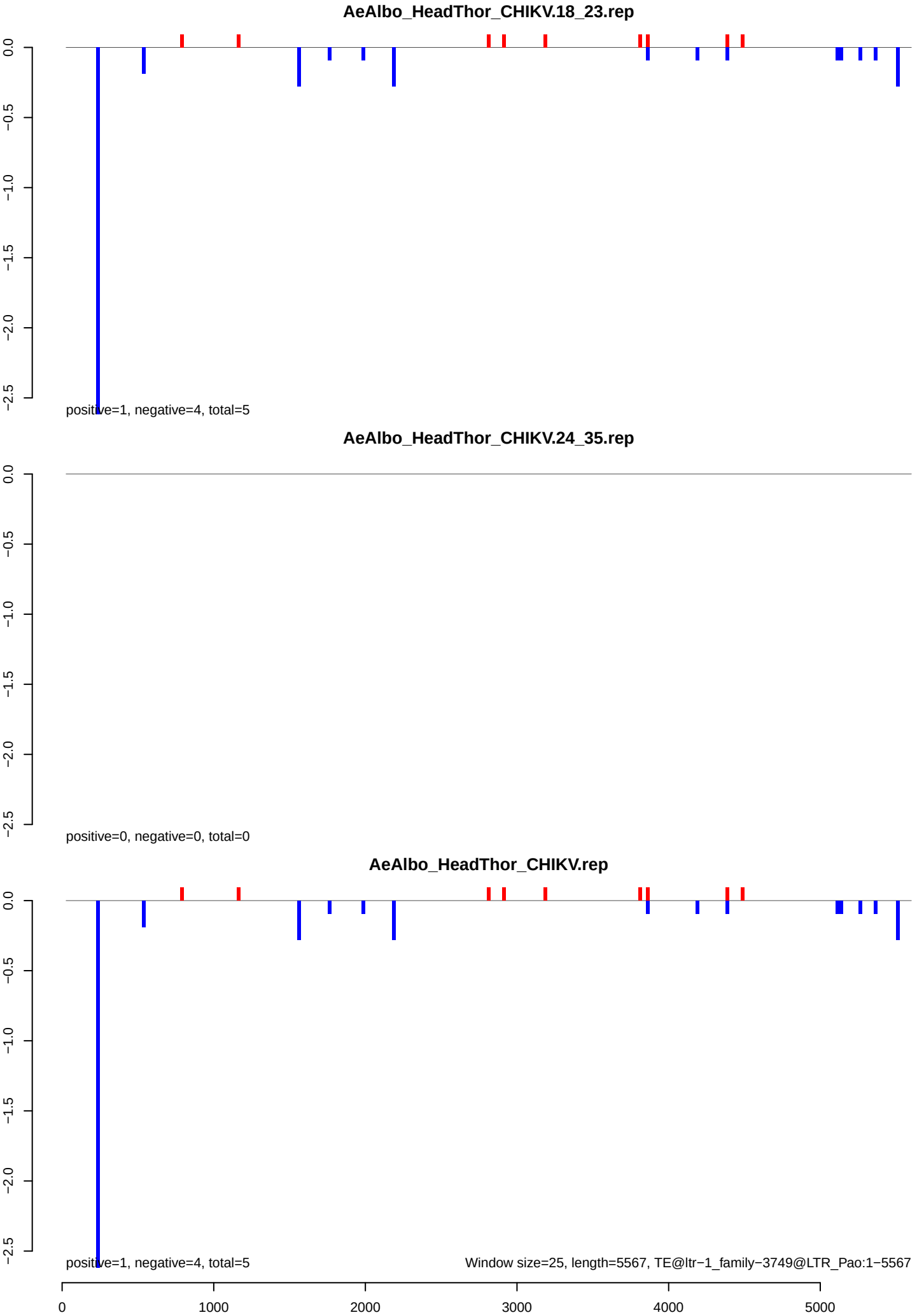

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=5
Window size=25, length=4742, TE@ltr−1_family−4149@LTR_Gypsy:1−4742
0
1000
2000
3000
4000

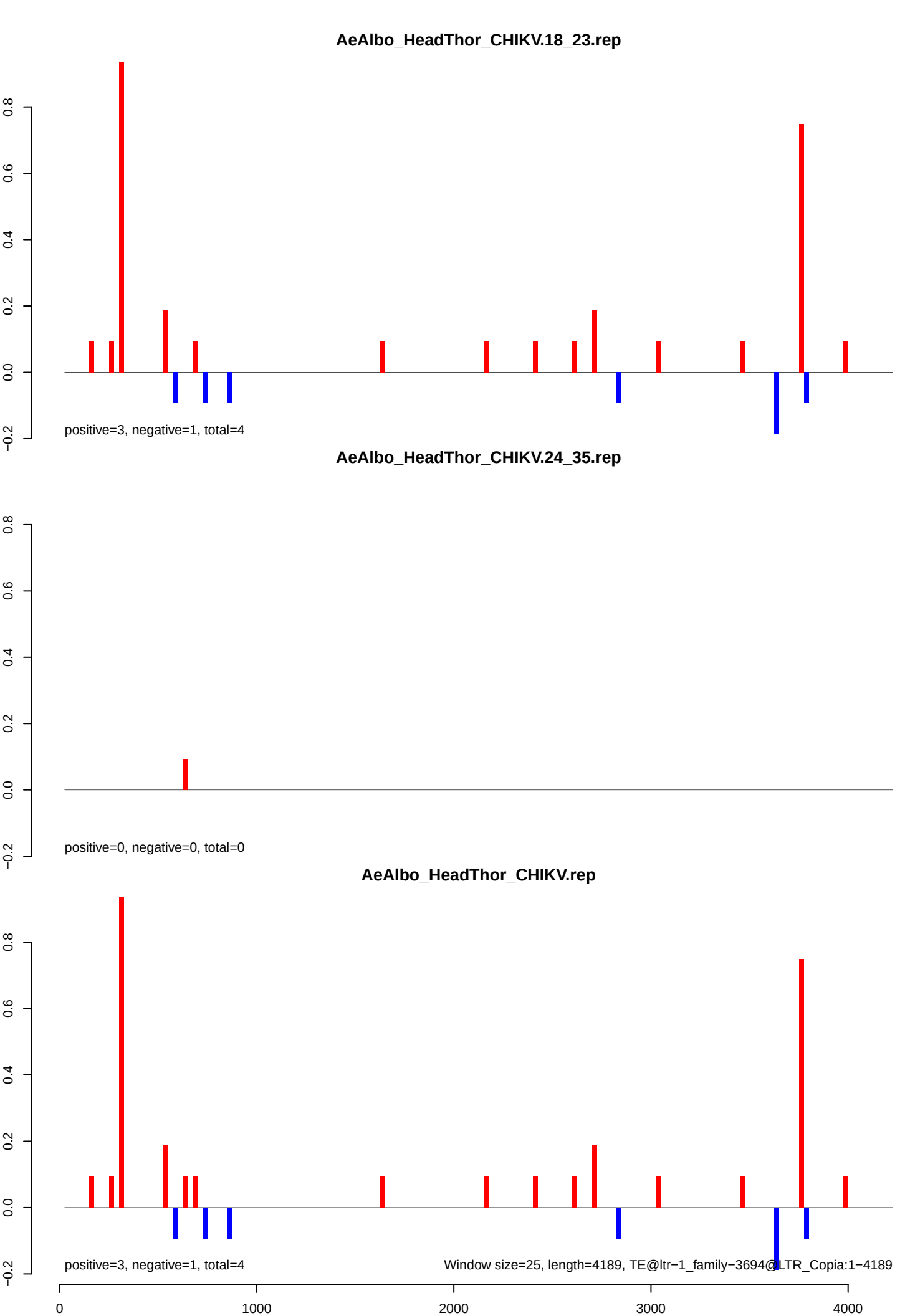

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=3575, TE@ltr−1_family−4078@LTR_Pao:1−3575
0.4
0.2
0.0
−0.2
−0.4
0
500
1000
1500
2000
2500
3000
3500

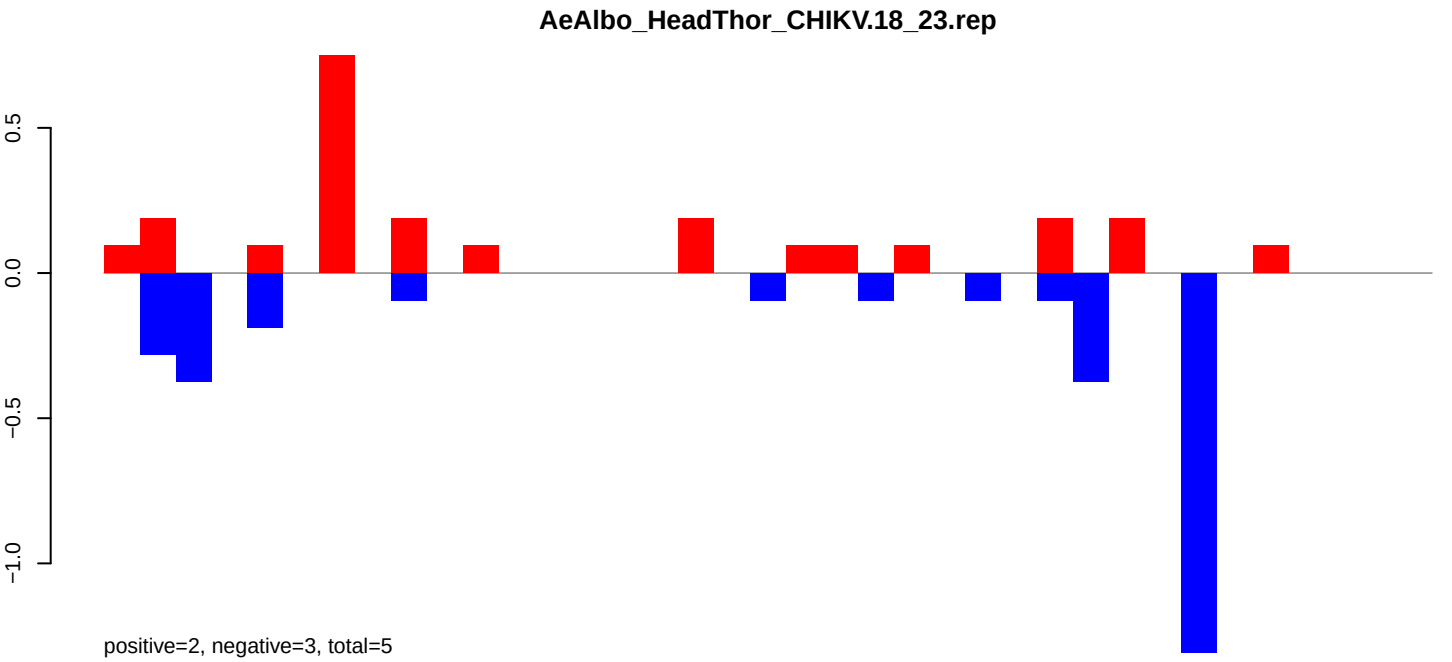

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=6, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=6, total=12
Window size=25, length=4519, TE@ltr−1_family−4033@LTR_Gypsy:1−4519
0
1000
2000
3000
4000

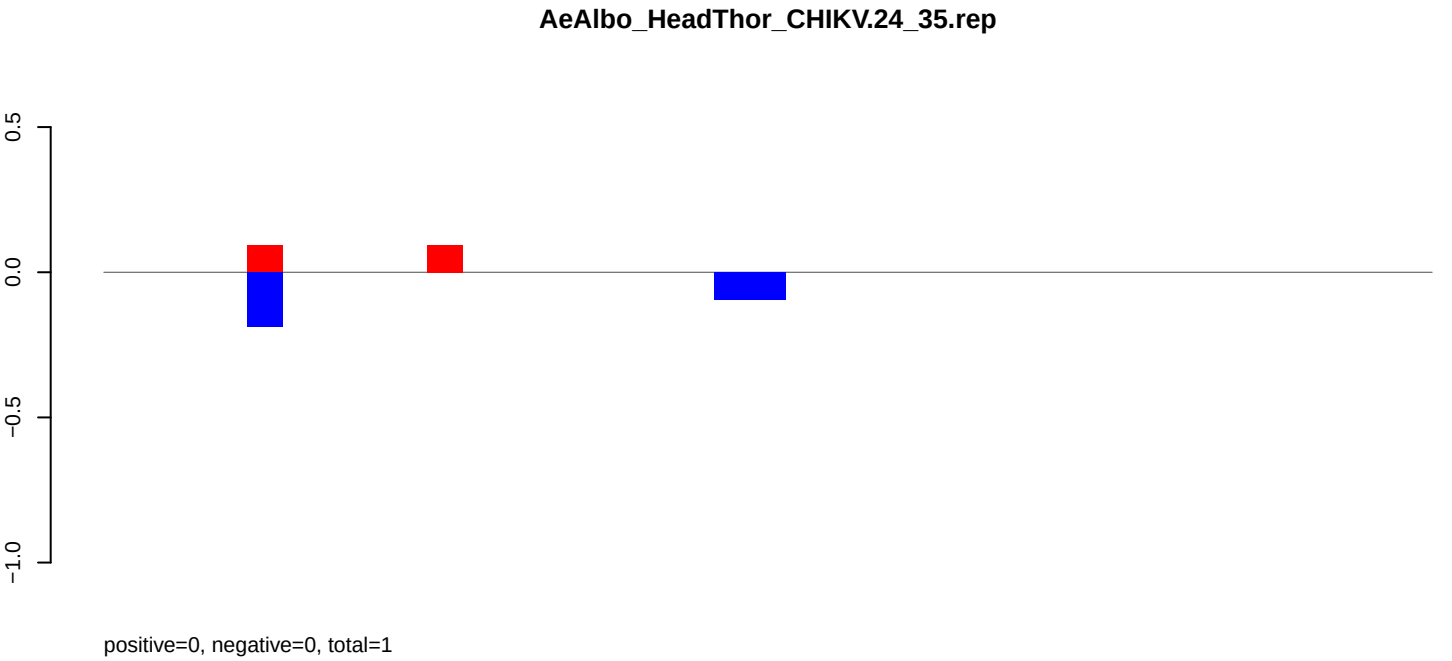

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=4838, TE@ltr−1_family−3956@DNA_Sola−1:1−4838
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000
5000

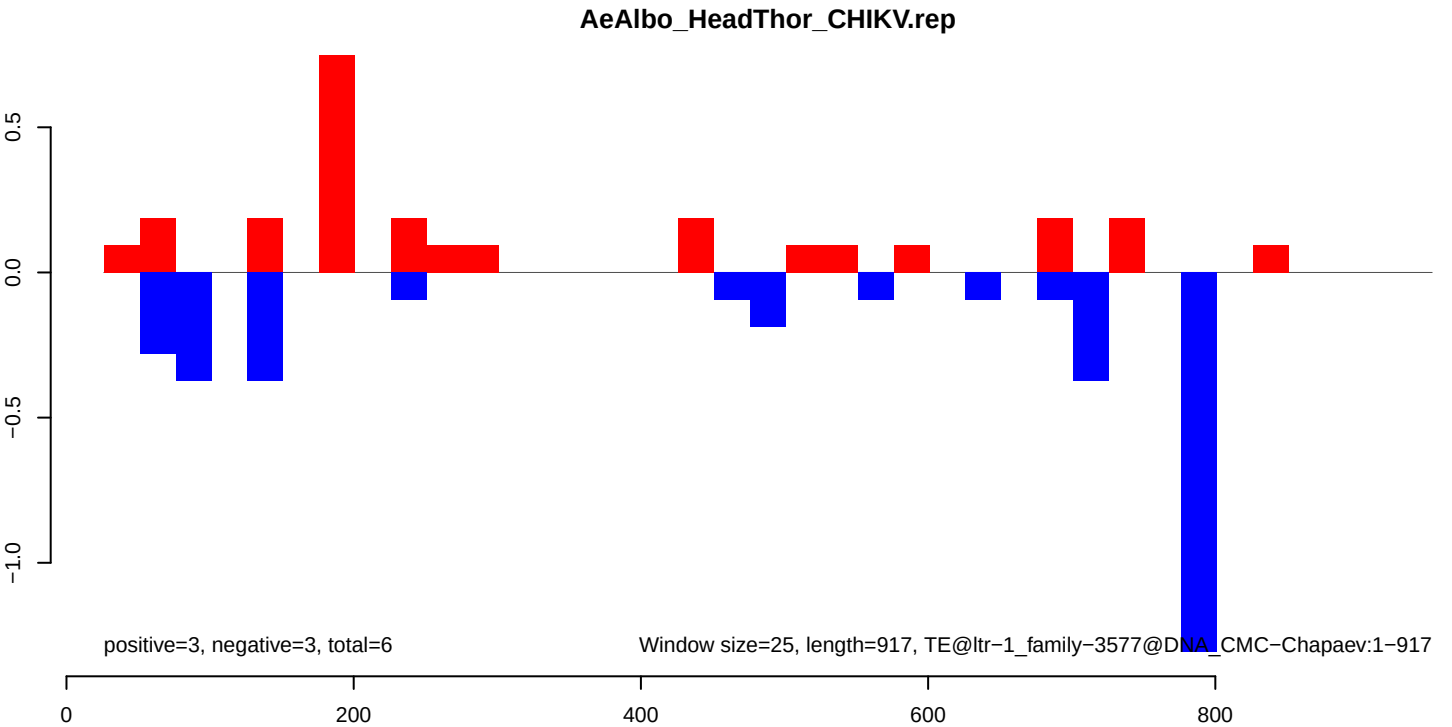

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4
Window size=25, length=6233, TE@ltr−1_family−3942@LTR_Pao:1−6233
0
1000
2000
3000
4000
5000
6000

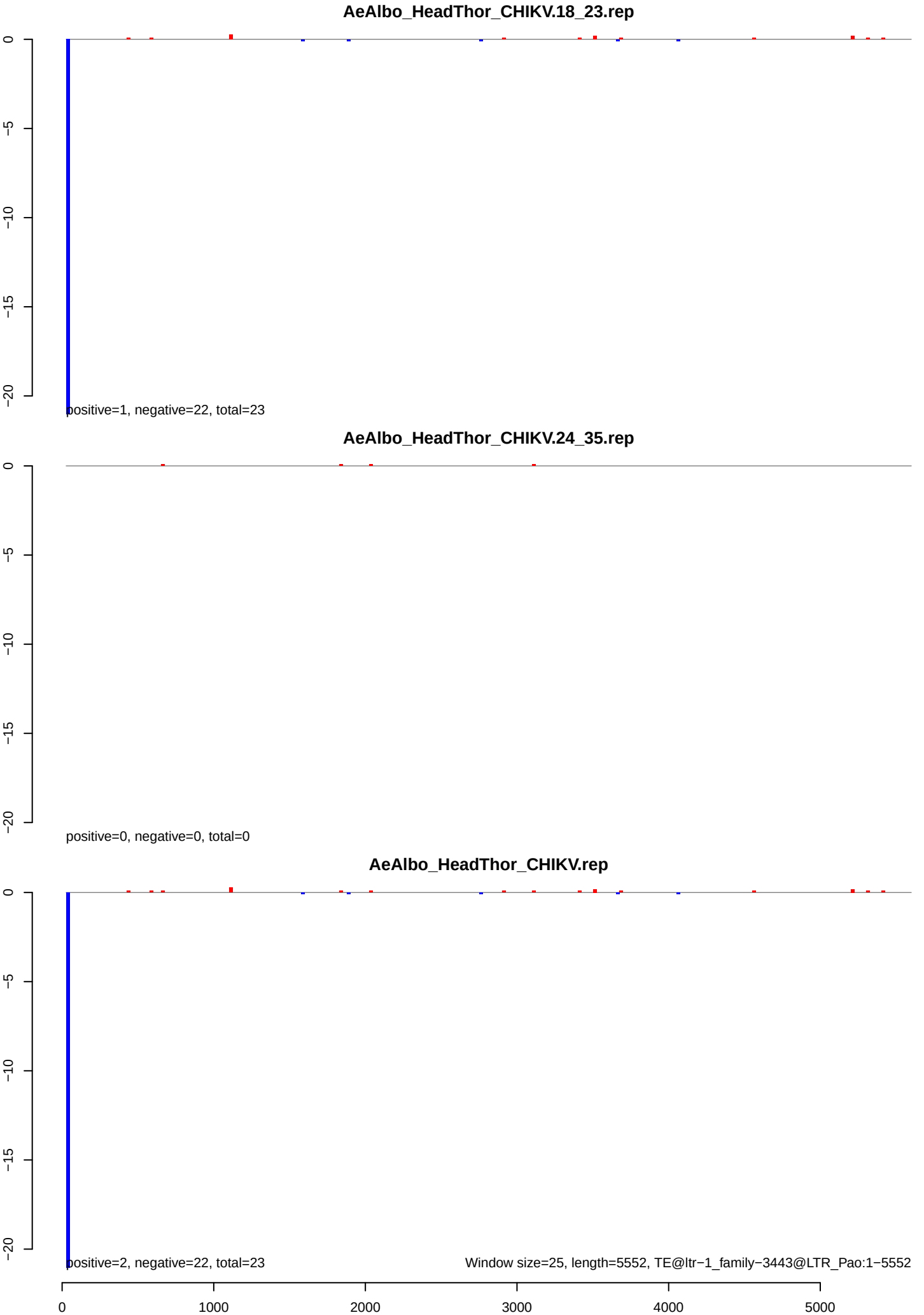

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=4, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=4, total=5
Window size=25, length=5567, TE@ltr−1_family−3749@LTR_Pao:1−5567
0
1000
2000
3000
4000
5000

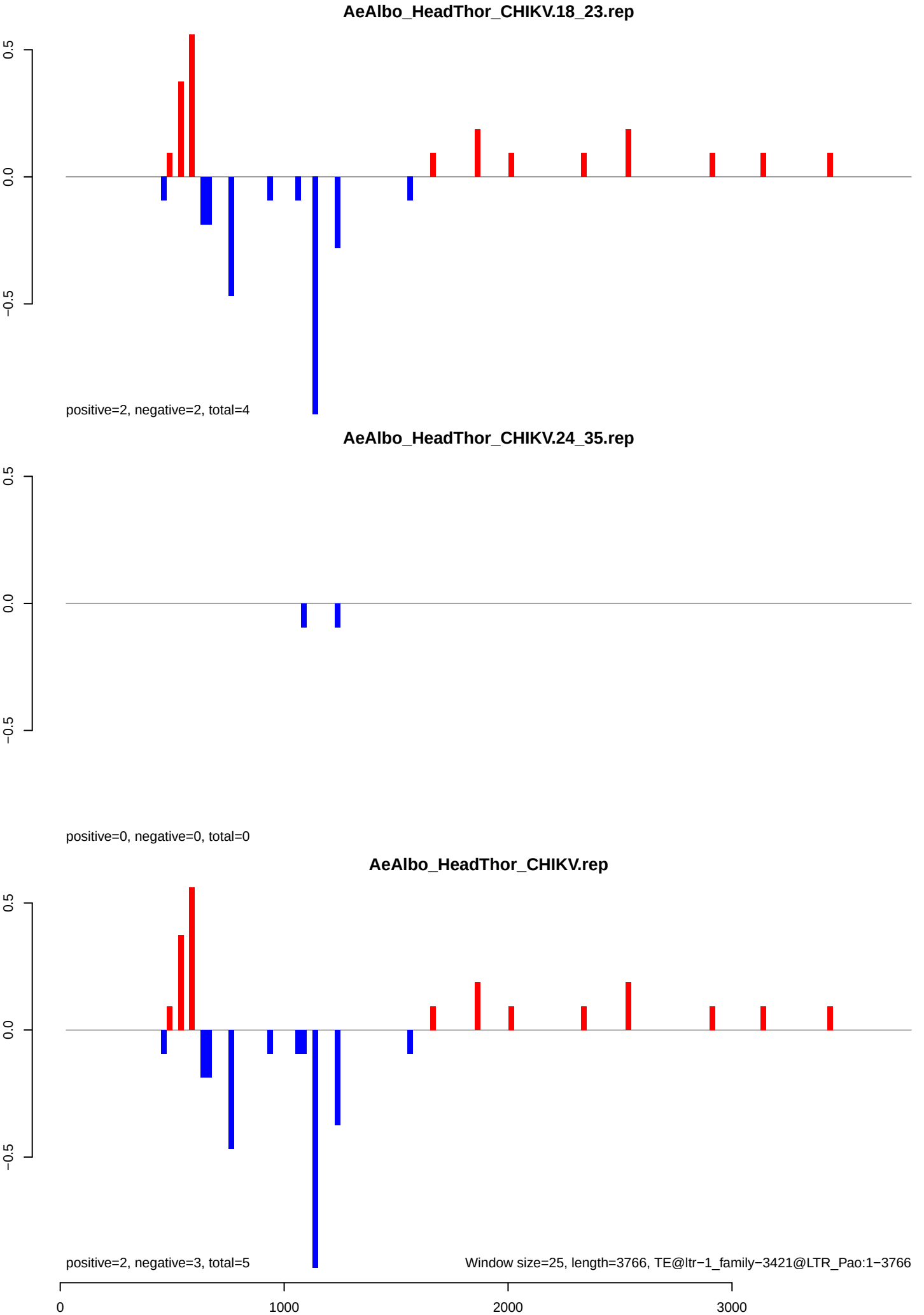

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
Window size=25, length=4189, TE@ltr−1_family−3694@LTR_Copia:1−4189
0
1000
2000
3000
4000

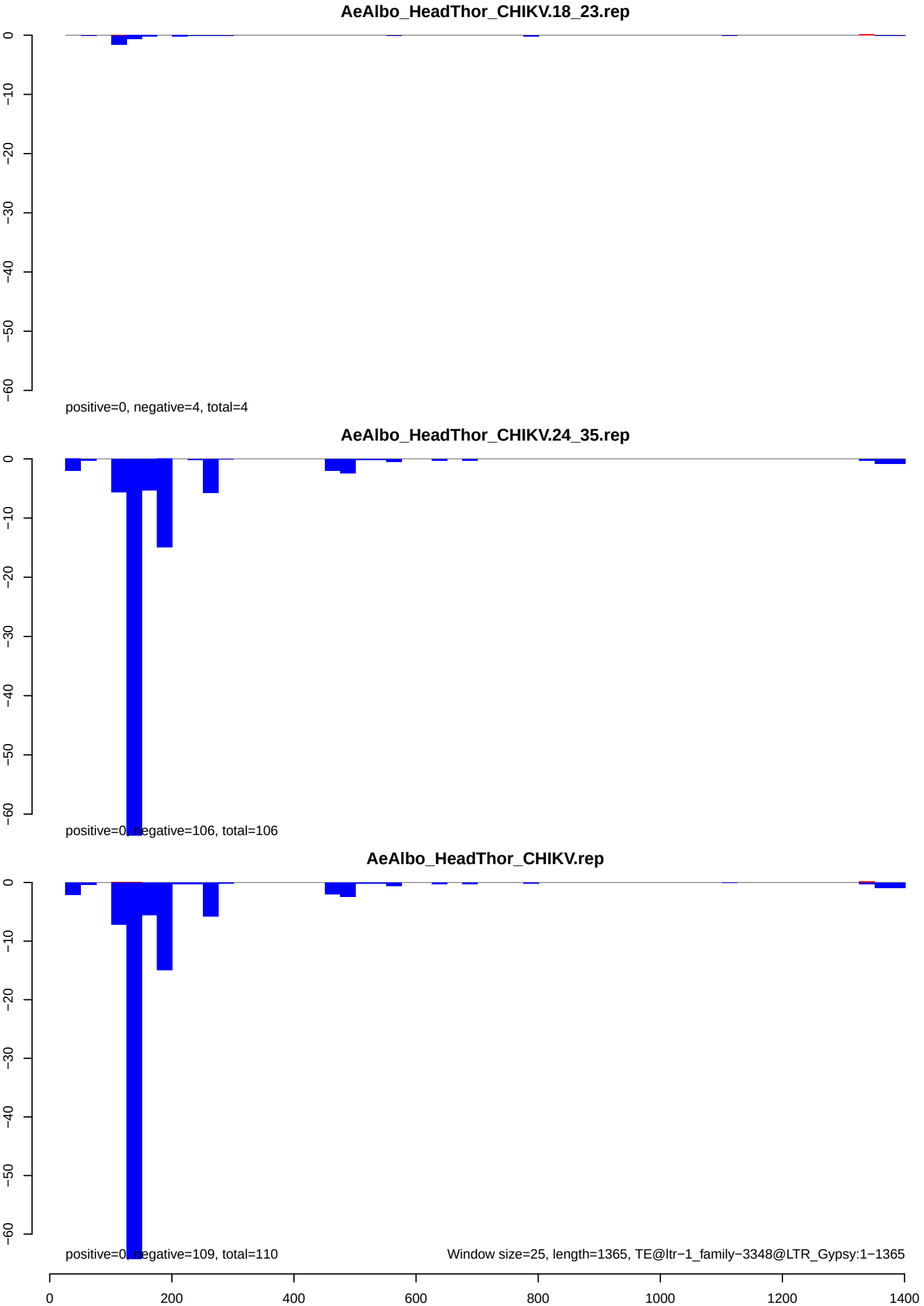

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5

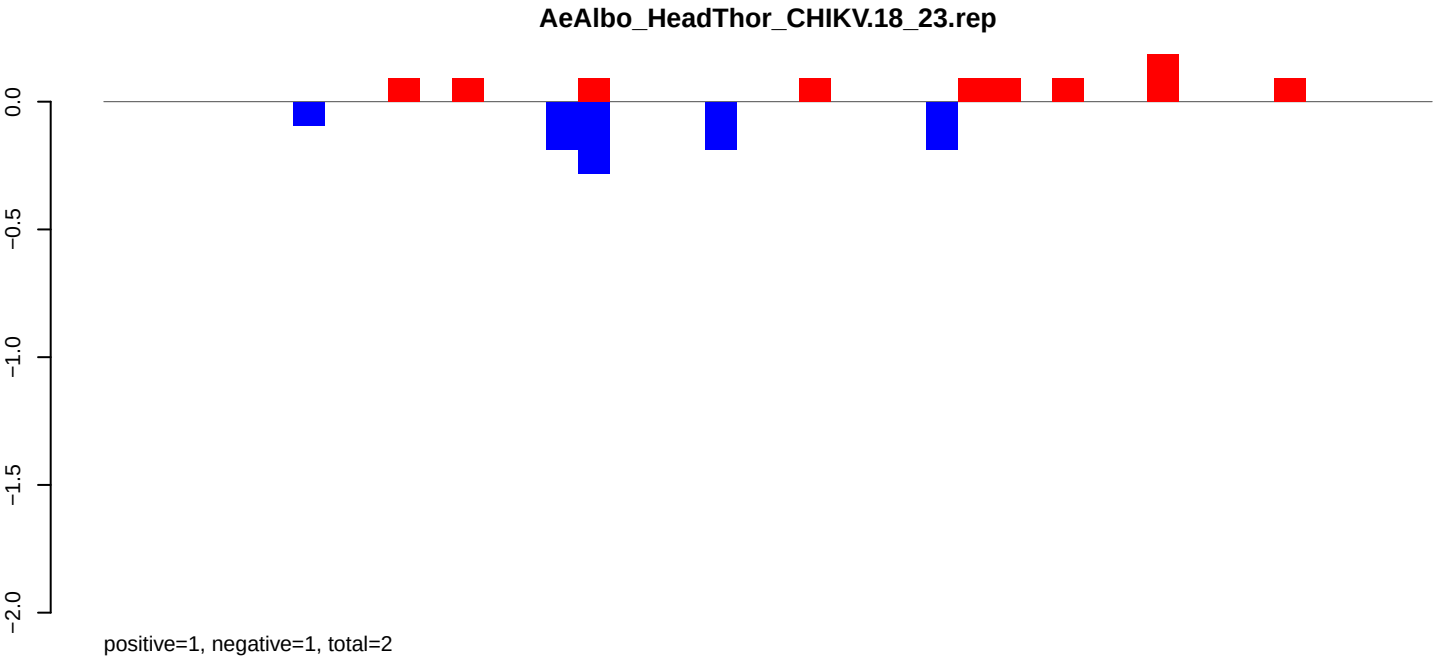

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=1

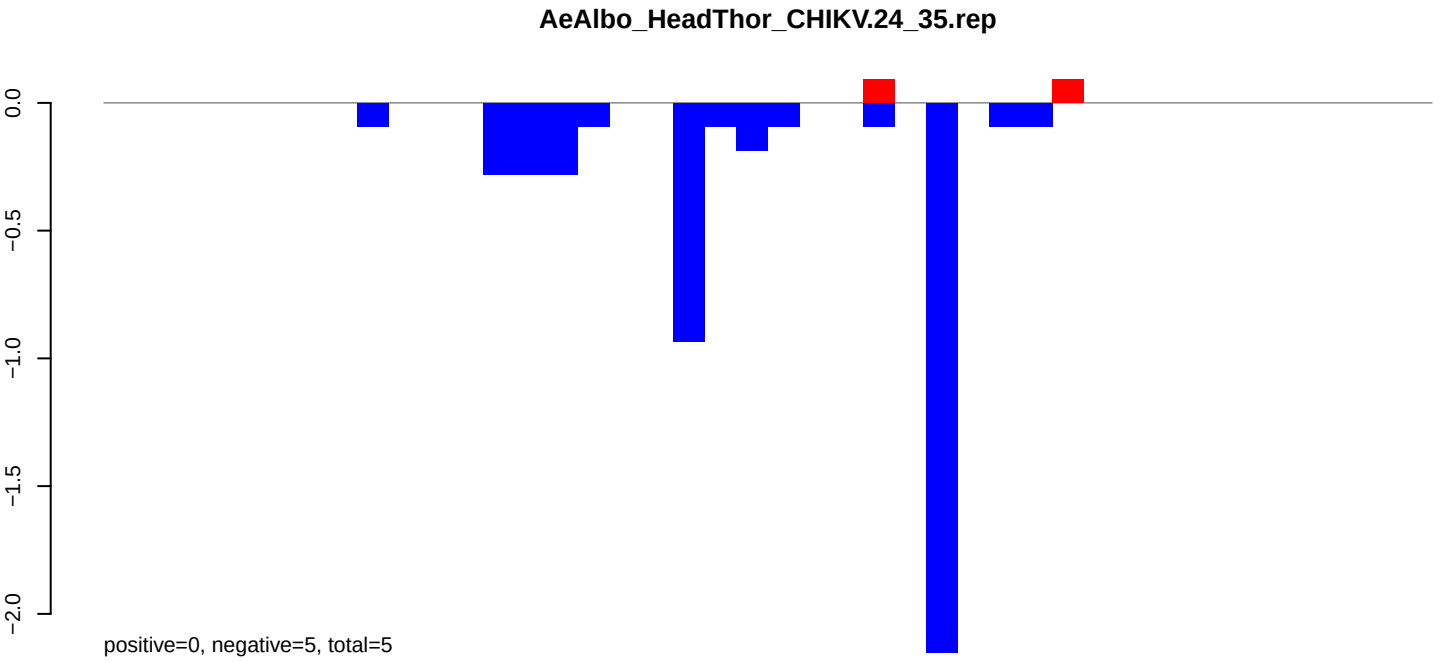

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
Window size=25, length=917, TE@ltr−1_family−3577@DNA_CMC−Chapaev:1−917
0
200
400
600
800

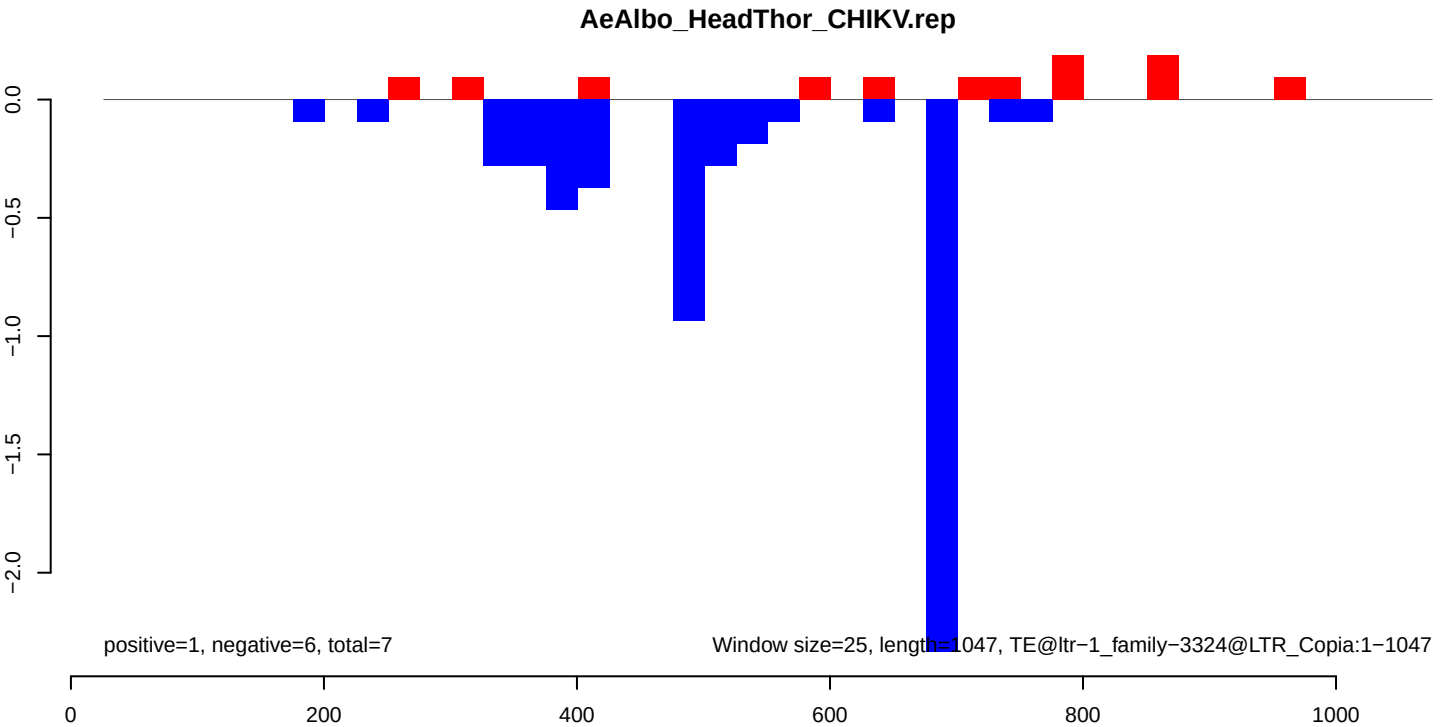

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=22, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=22, total=23
Window size=25, length=5552, TE@ltr−1_family−3443@LTR_Pao:1−5552
0
1000
2000
3000
4000
5000

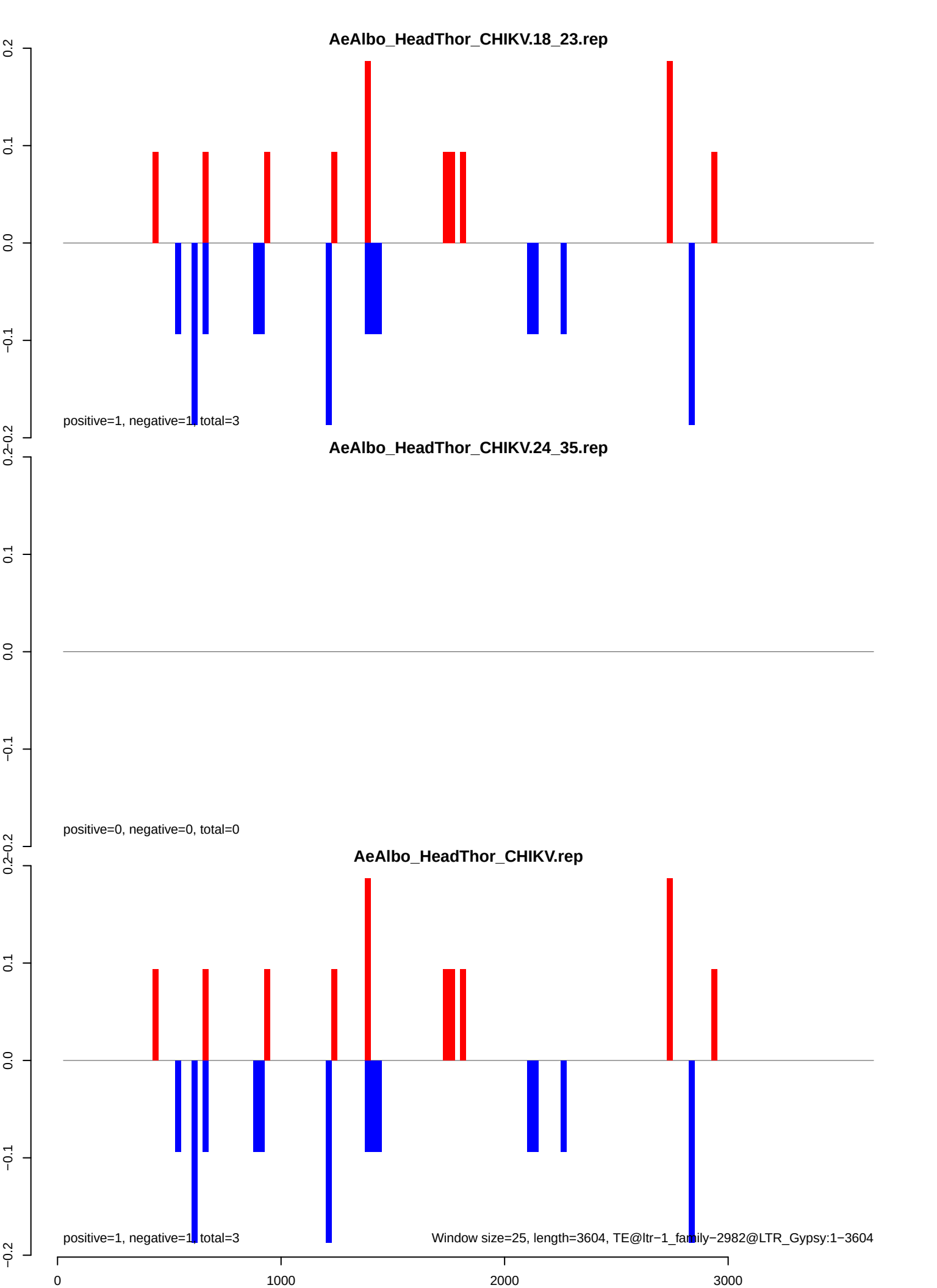

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=2, negative=3, total=5
Window size=25, length=3766, TE@ltr−1_family−3421@LTR_Pao:1−3766
0
1000
2000
3000

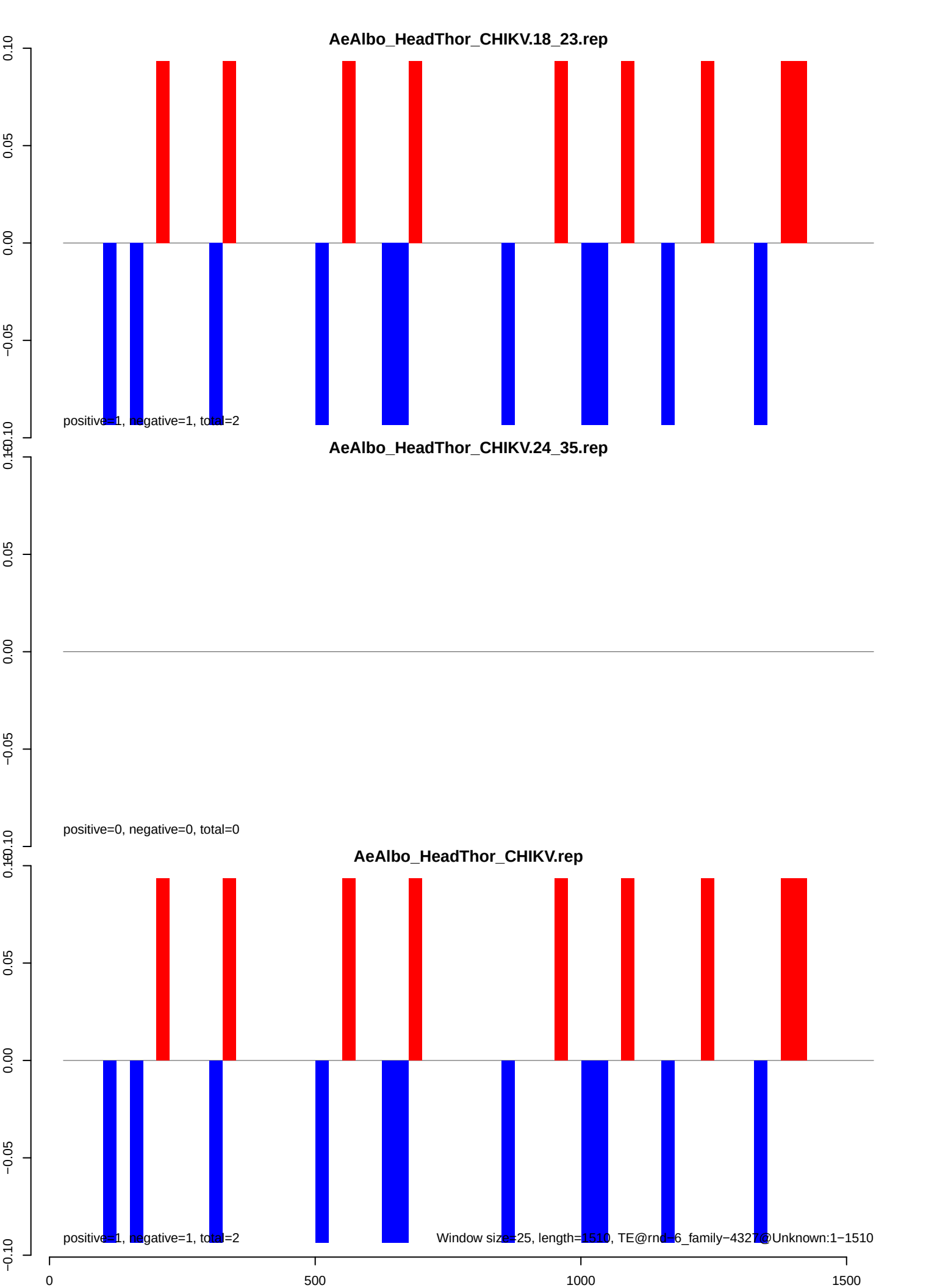

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
−60
positive=0, negative=4, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
−50
−60
positive=0, negative=106, total=106
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
−60
positive=0, negative=109, total=110
Window size=25, length=1365, TE@ltr−1_family−3348@LTR_Gypsy:1−1365
0
200
400
600
800
1000
1200
1400

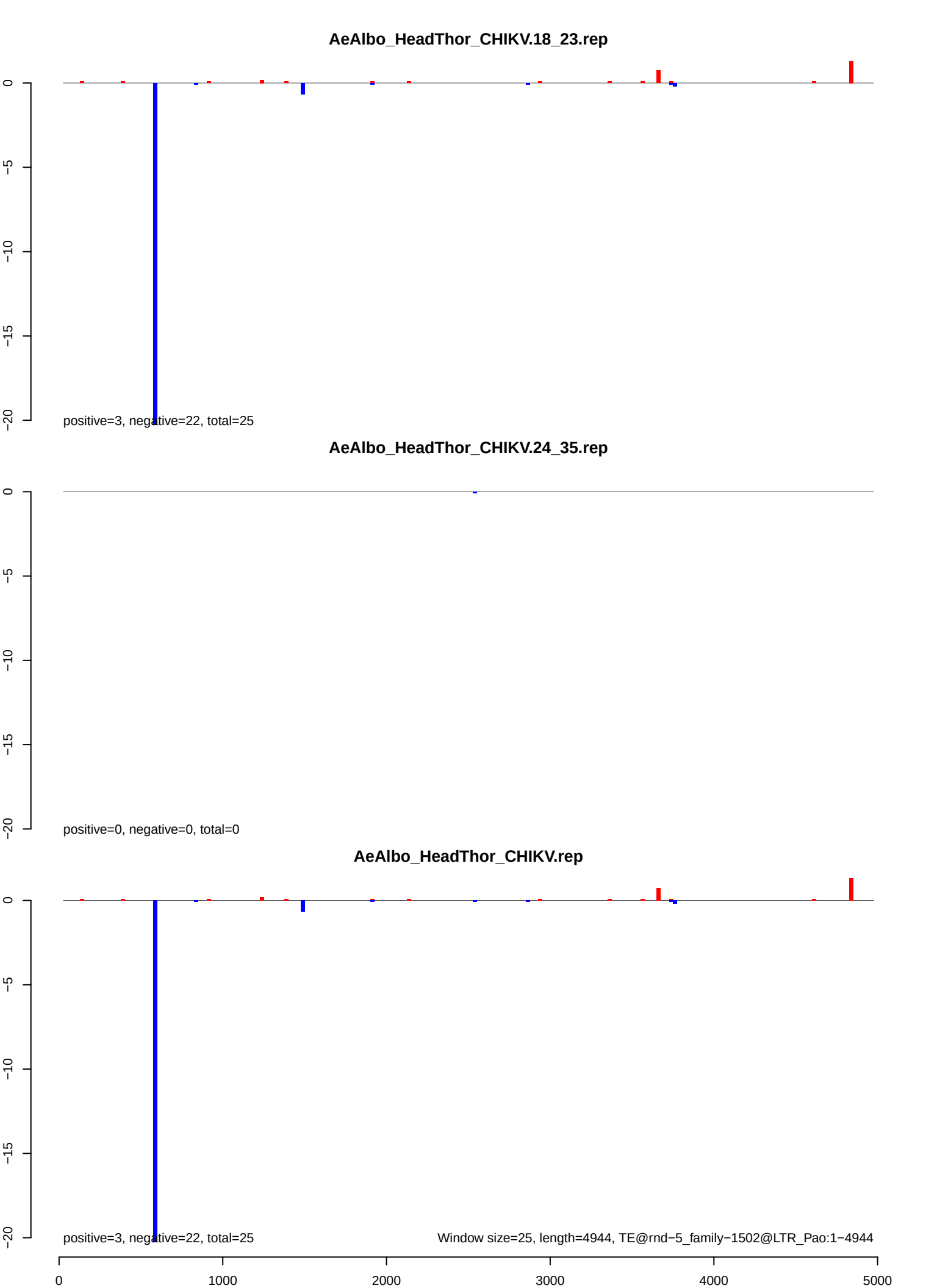

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=1, total=2

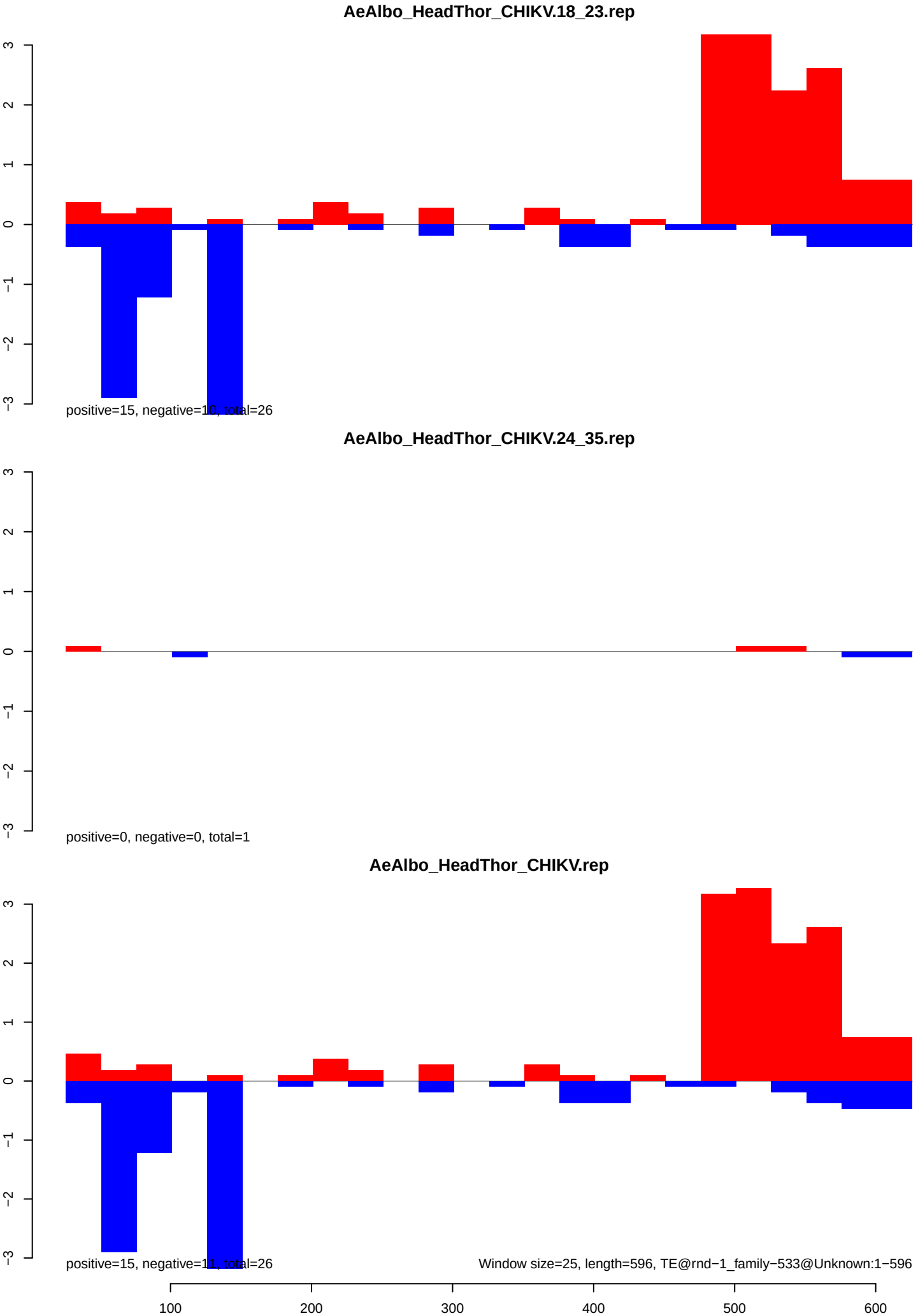

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=5, total=5

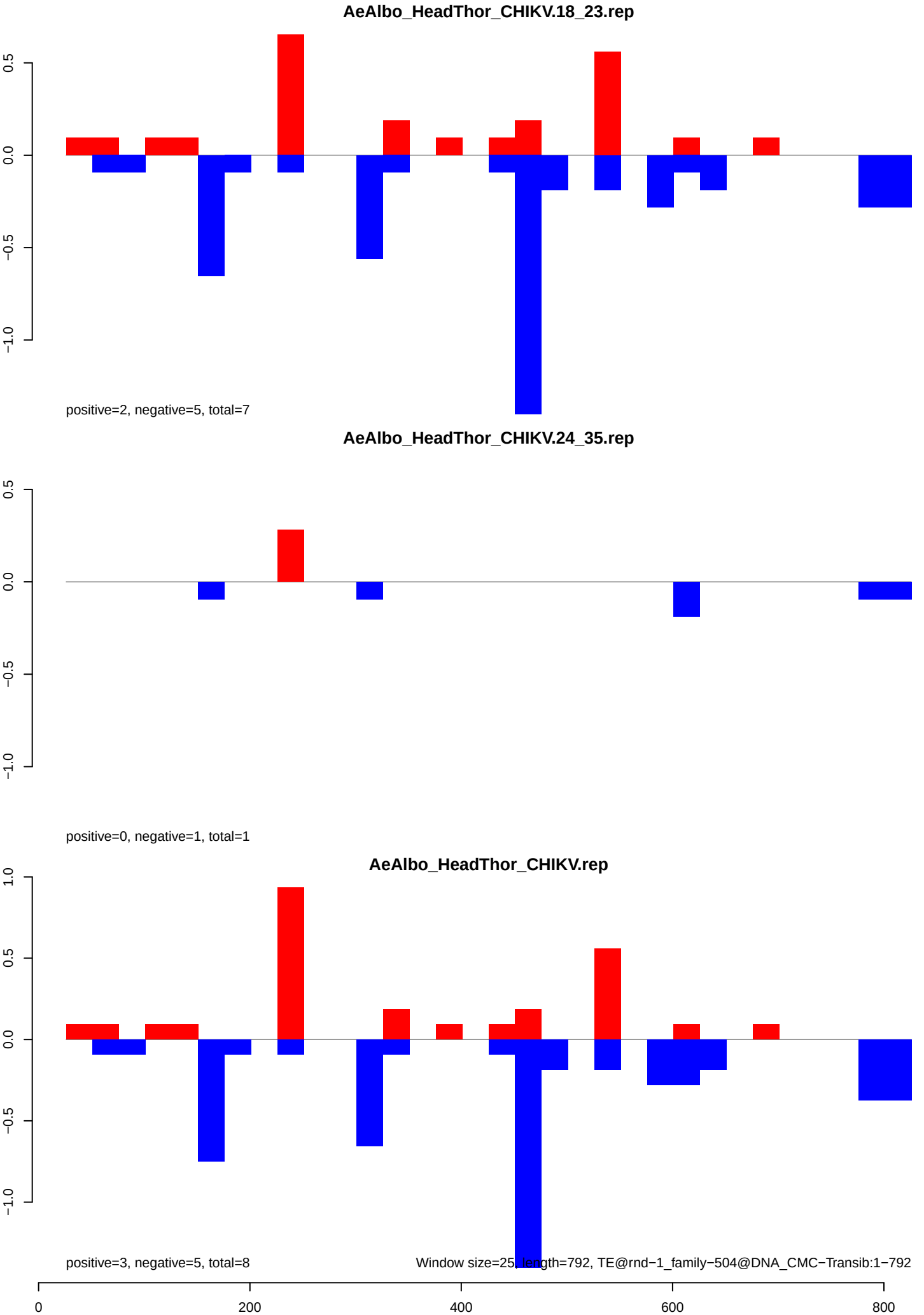

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=6, total=7
Window size=25, length=1047, TE@ltr−1_family−3324@LTR_Copia:1−1047
0
200
400
600
800
1000

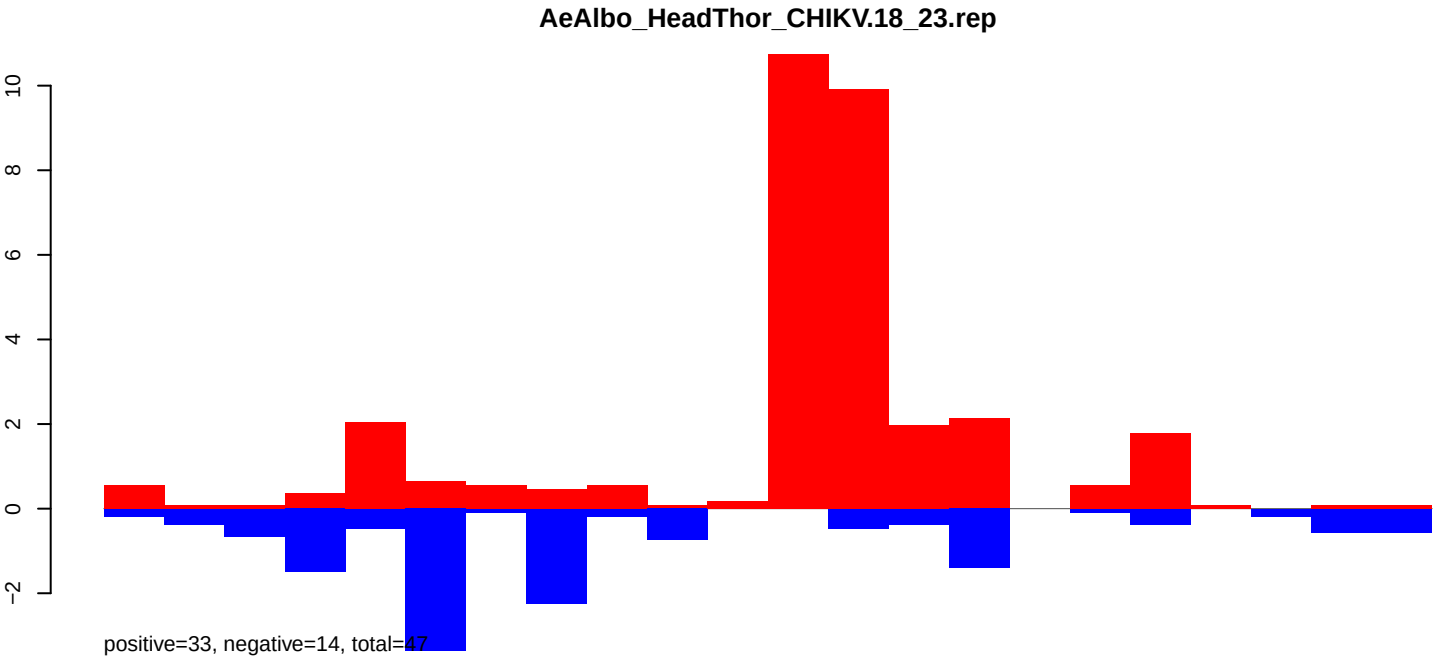

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=3
Window size=25, length=3604, TE@ltr−1_family−2982@LTR_Gypsy:1−3604
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000

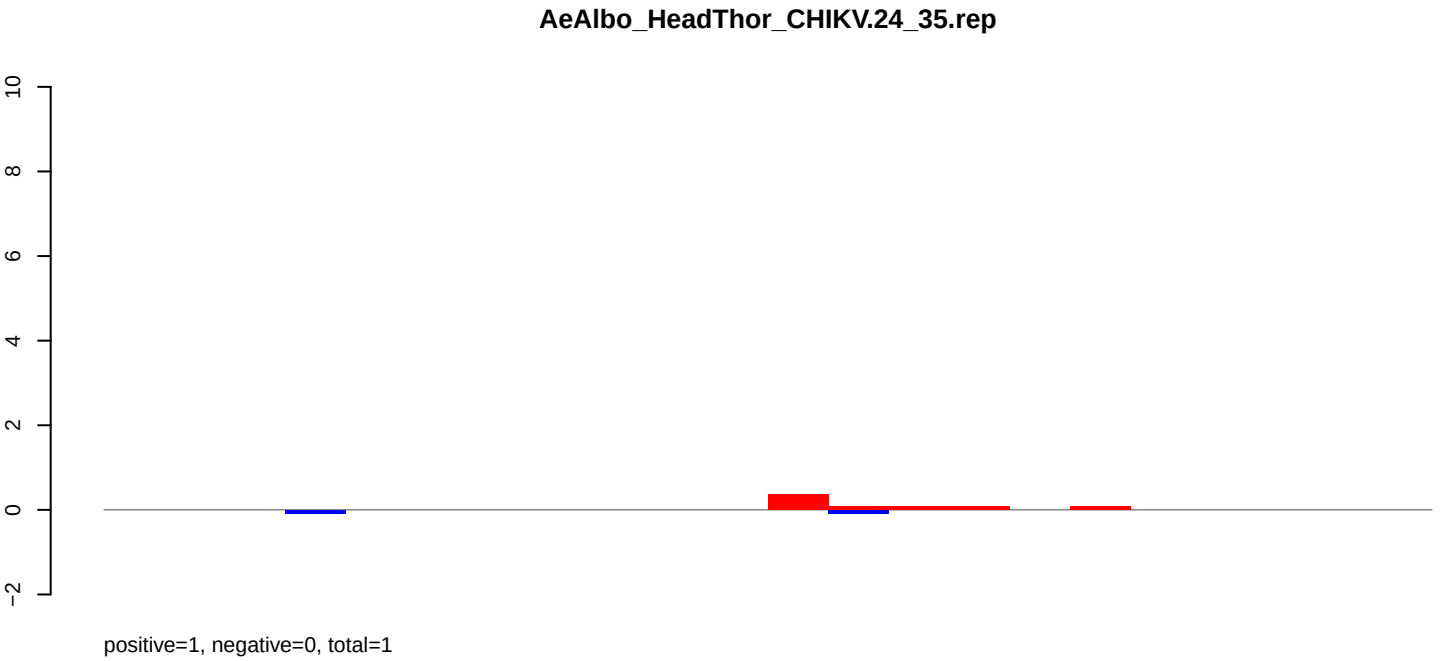

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=1510, TE@rnd−6_family−4327@Unknown:1−1510
0.10
0.05
0.00
−0.05
−0.10
0
500
1000
1500

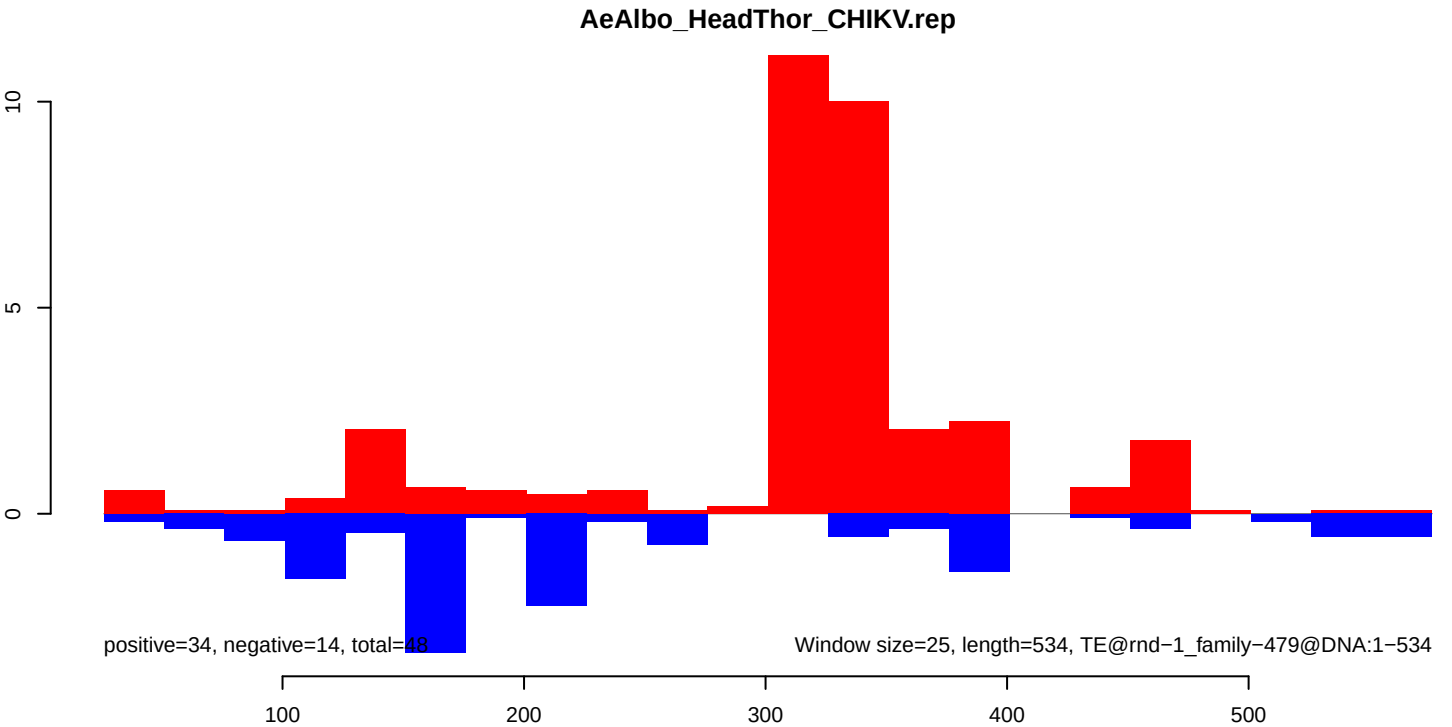

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=22, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=22, total=25
Window size=25, length=4944, TE@rnd−5_family−1502@LTR_Pao:1−4944
0
1000
2000
3000
4000
5000

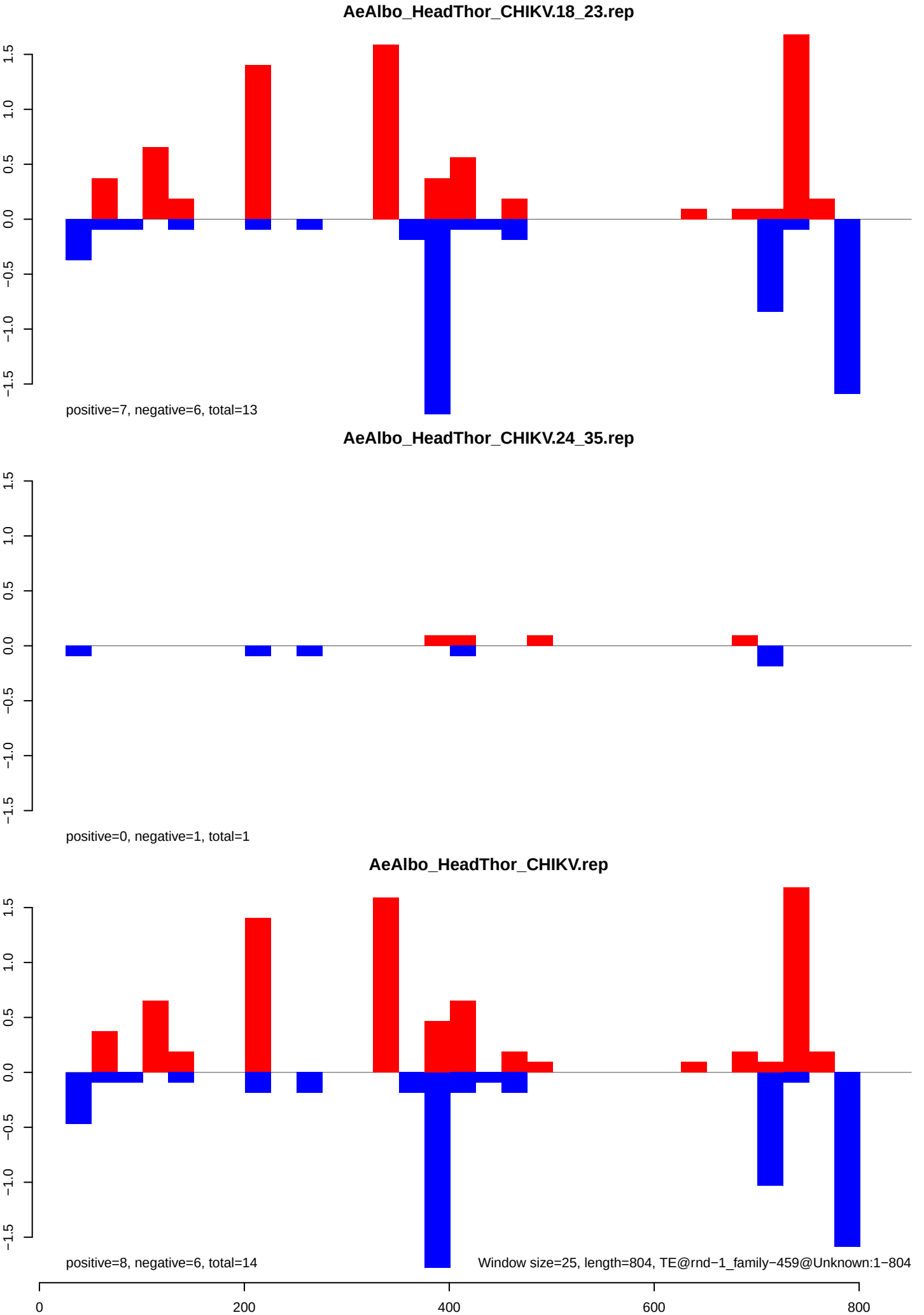

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=15, negative=10, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=11, total=26
Window size=25, length=596, TE@rnd−1_family−533@Unknown:1−596
100
200
300
400
500
600

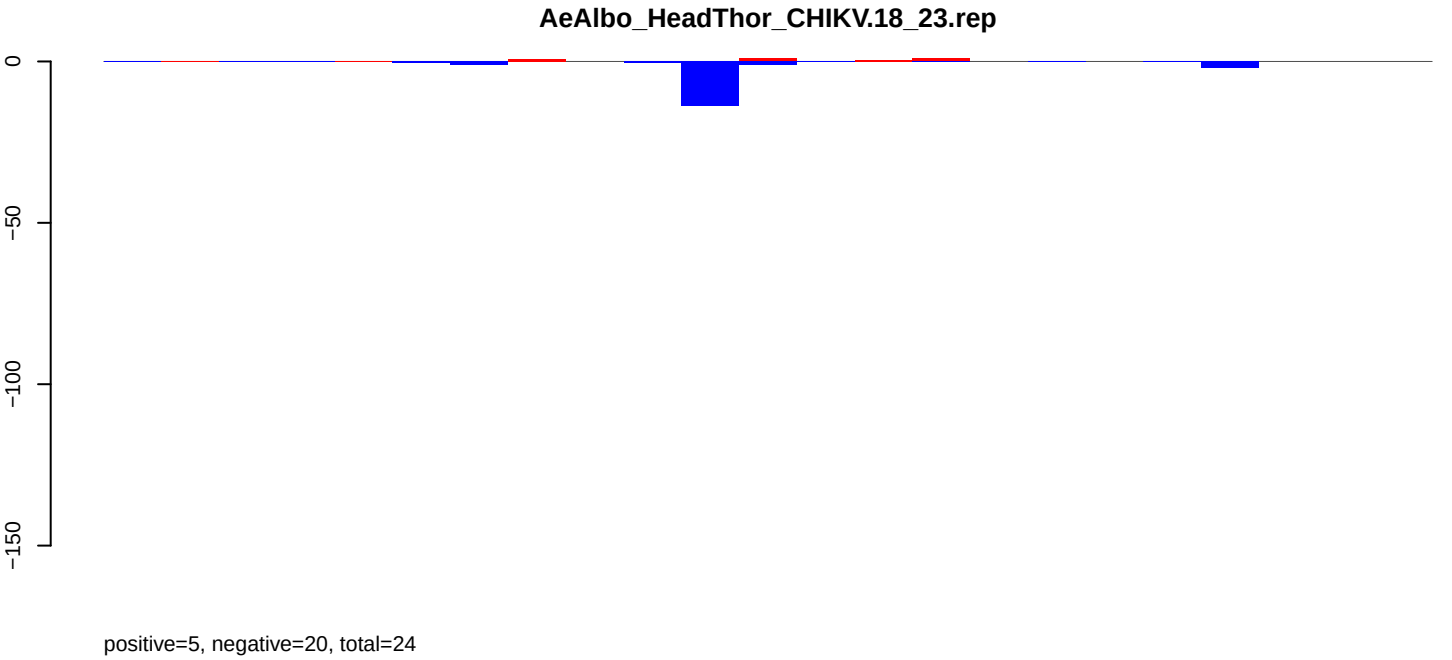

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=5, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=5, total=8
Window size=25, length=792, TE@rnd−1_family−504@DNA_CMC−Transib:1−792
0
200
400
600
800

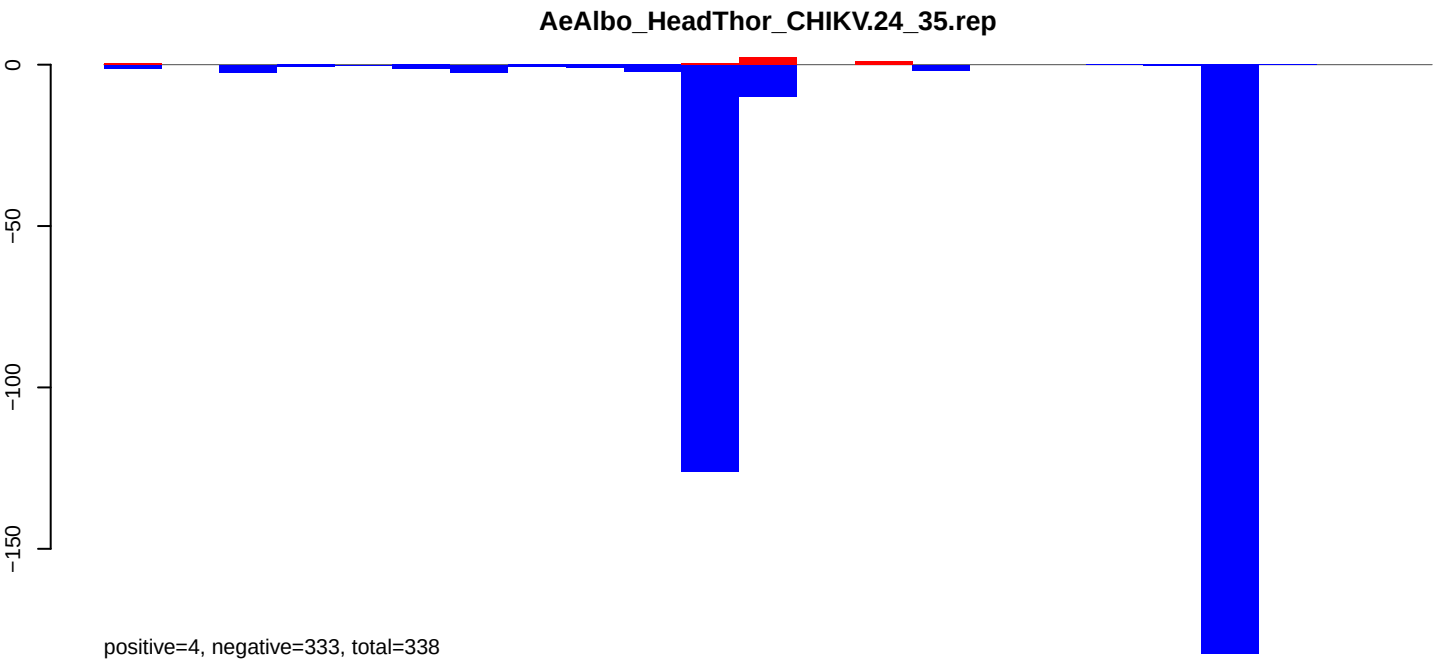

AeAlbo_HeadThor_CHIKV.18_23.rep
10
8
6
4
2
0
−2
positive=33, negative=14, total=47

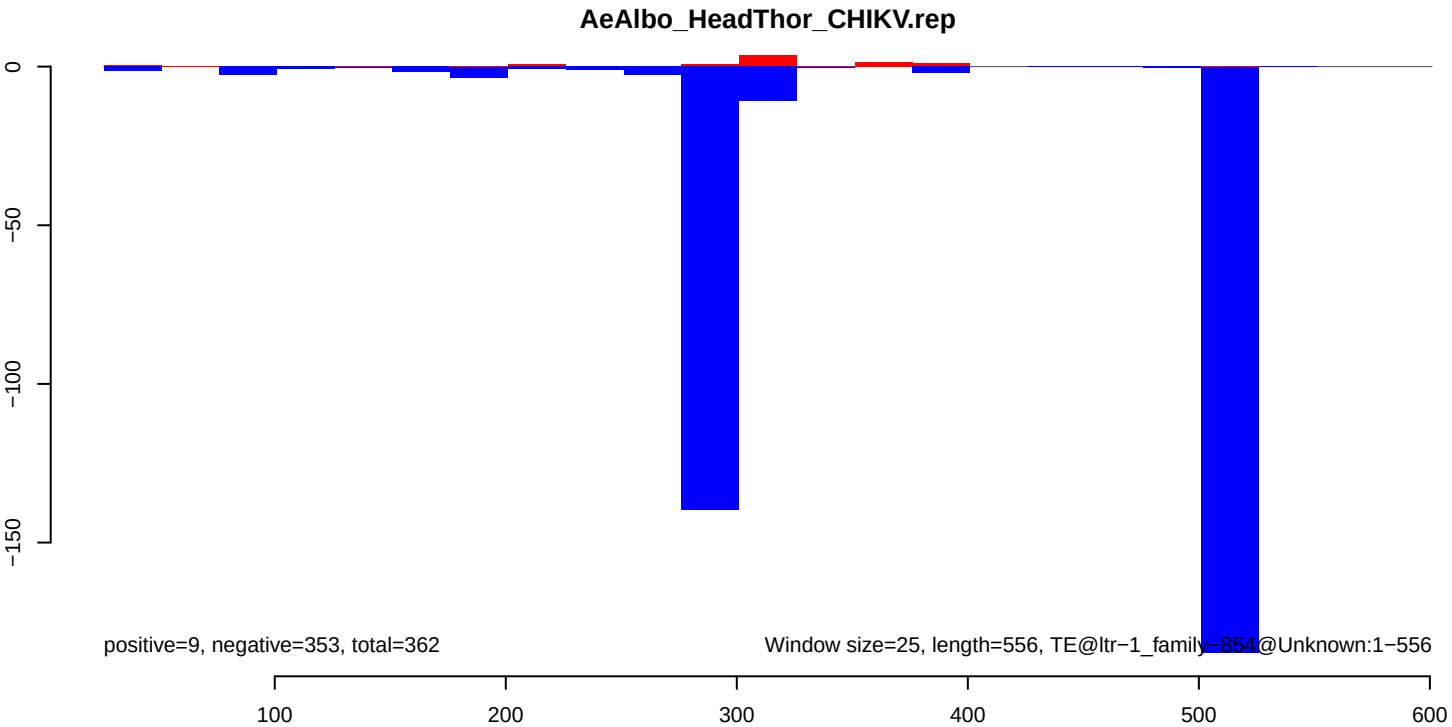

AeAlbo_HeadThor_CHIKV.24_35.rep
10
8
6
4
2
0
−2
positive=1, negative=0, total=1

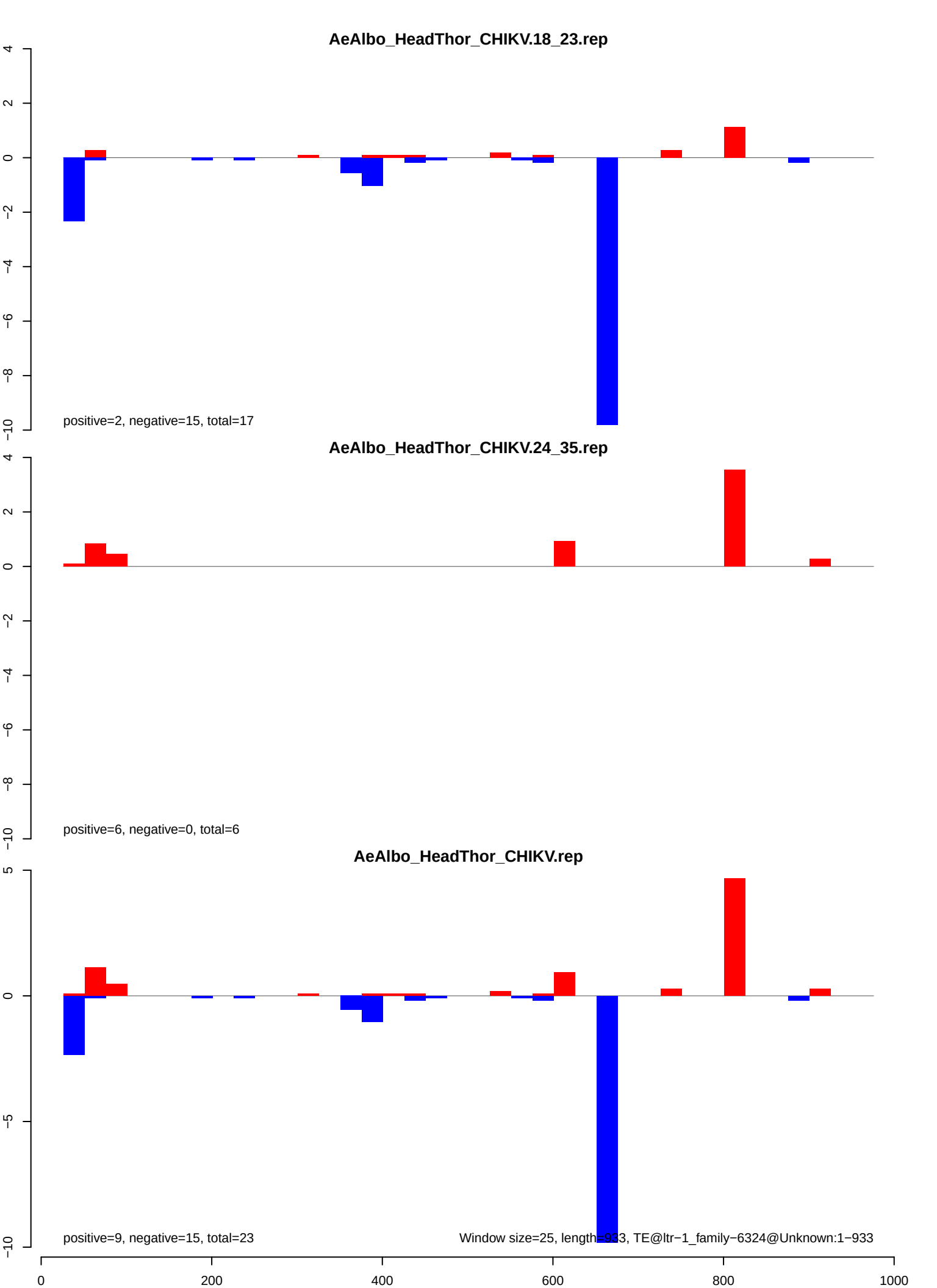

AeAlbo_HeadThor_CHIKV.rep
10
5
0
positive=34, negative=14, total=48
Window size=25, length=534, TE@rnd−1_family−479@DNA:1−534
100
200
300
400
500

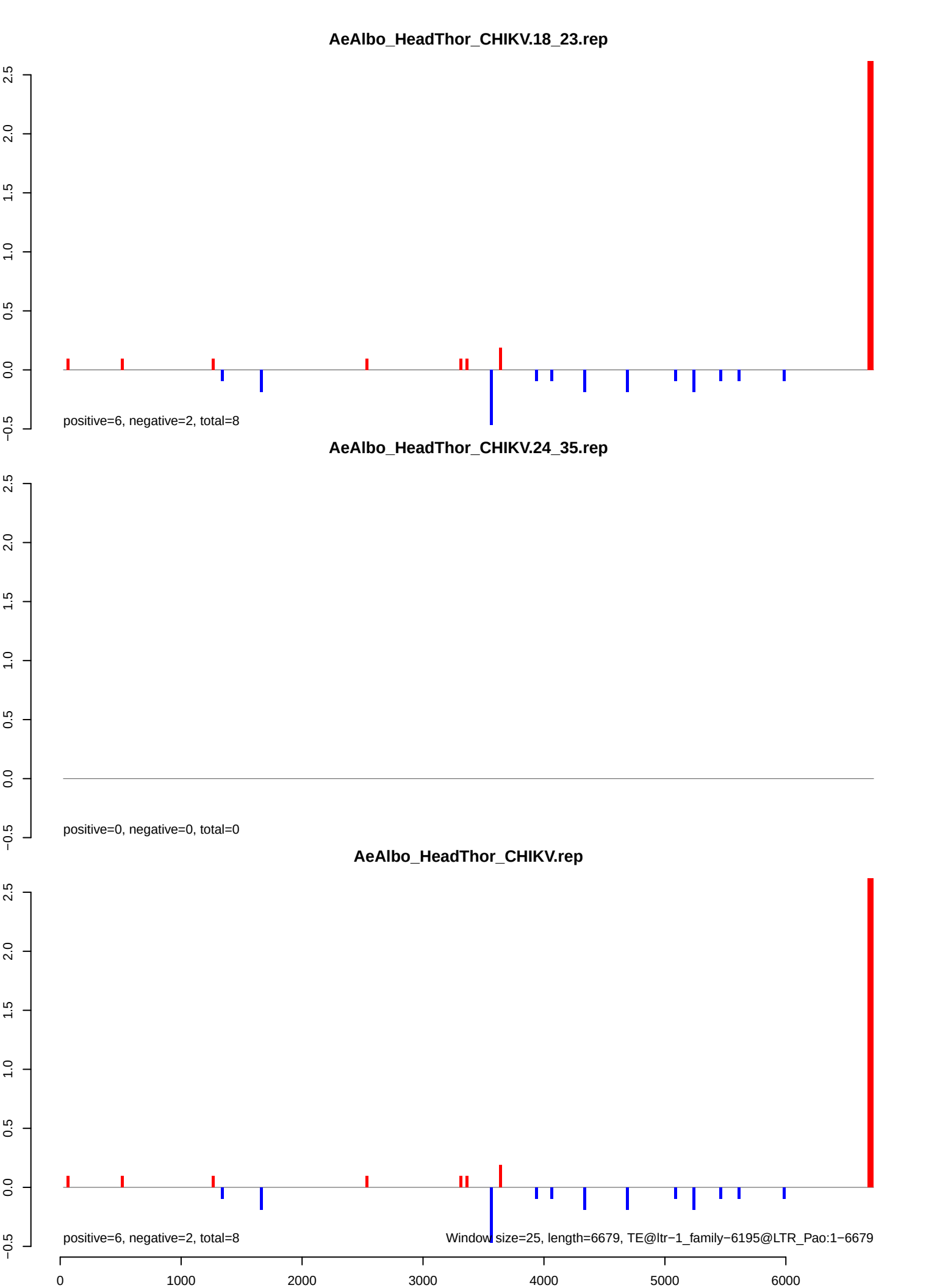

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=7, negative=6, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=6, total=14
Window size=25, length=804, TE@rnd−1_family−459@Unknown:1−804
0
200
400
600
800

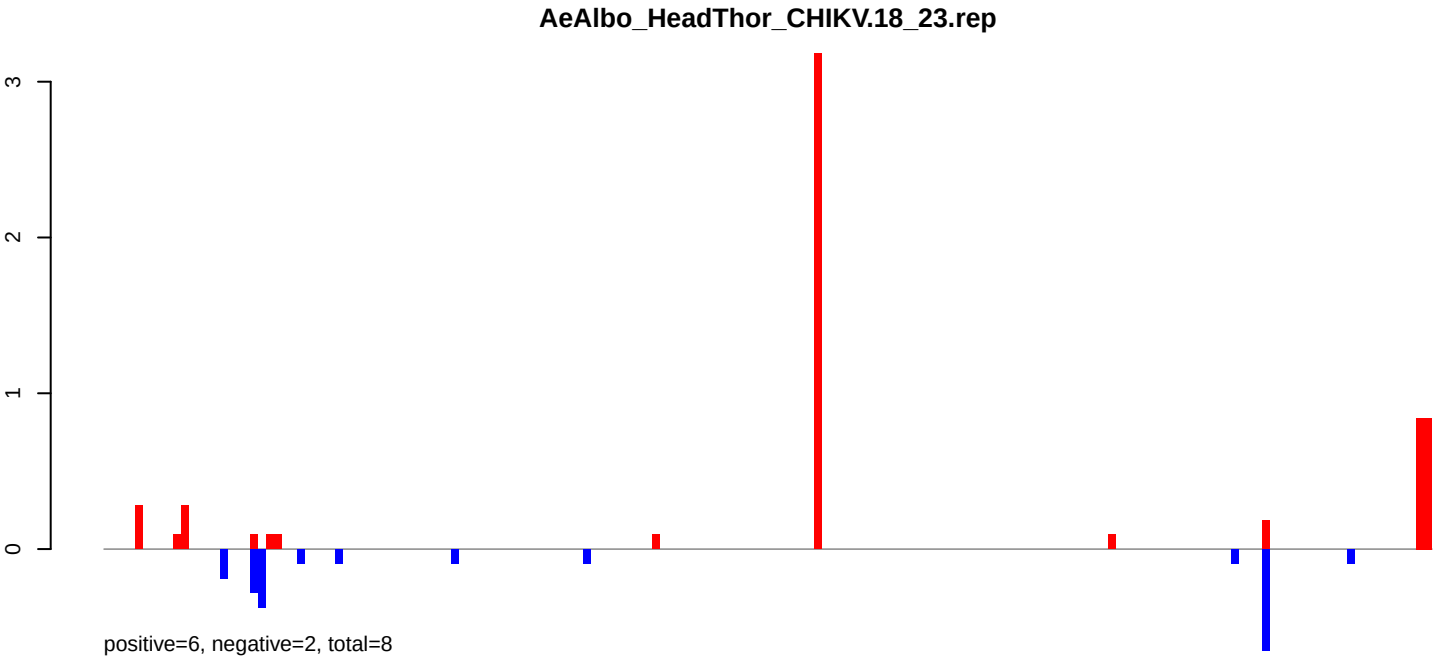

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
positive=5, negative=20, total=24

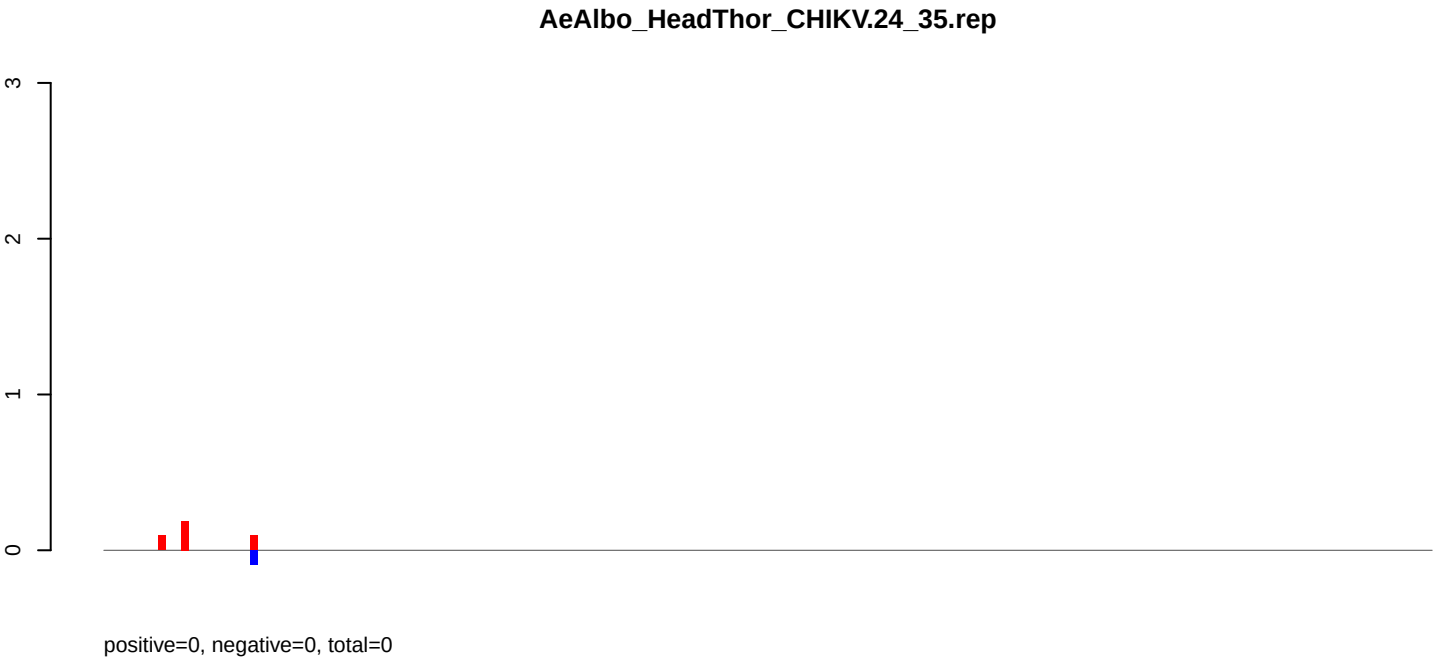

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
positive=4, negative=333, total=338

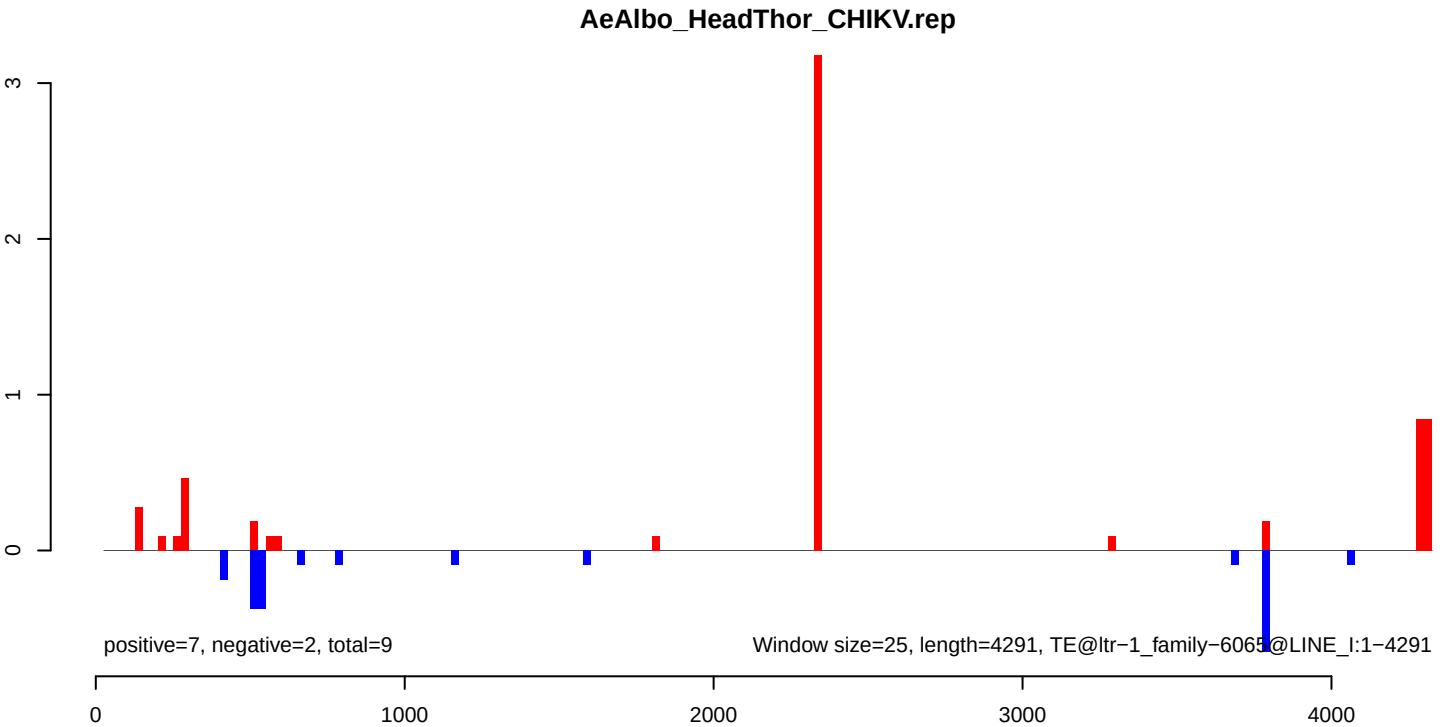

AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
positive=9, negative=353, total=362
Window size=25, length=556, TE@ltr−1_family−854@Unknown:1−556
100
200
300
400
500
600

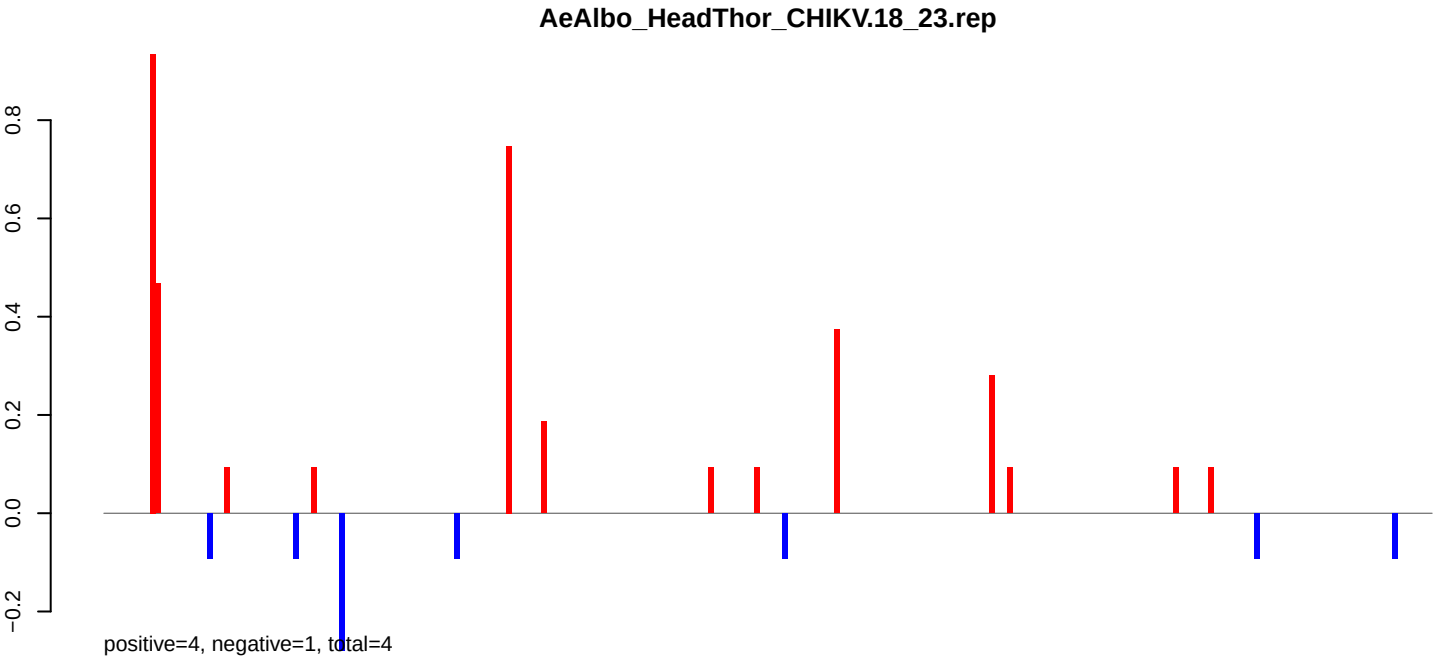

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=15, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=6, negative=0, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=15, total=23
Window size=25, length=933, TE@ltr−1_family−6324@Unknown:1−933
0
200
400
600
800
1000

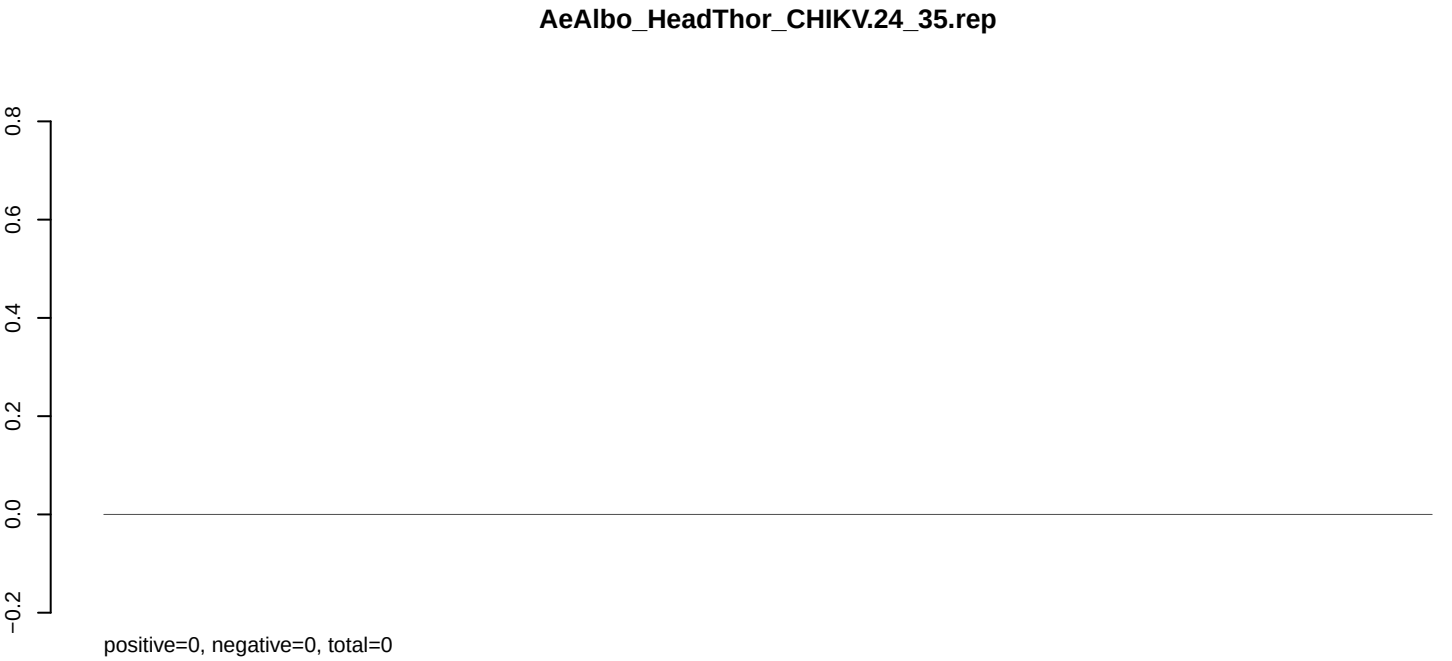

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=2, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=2, total=8
Window size=25, length=6679, TE@ltr−1_family−6195@LTR_Pao:1−6679
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000
5000
6000


AeAlbo_HeadThor_CHIKV.18_23.rep
3
2
1
0
positive=6, negative=2, total=8

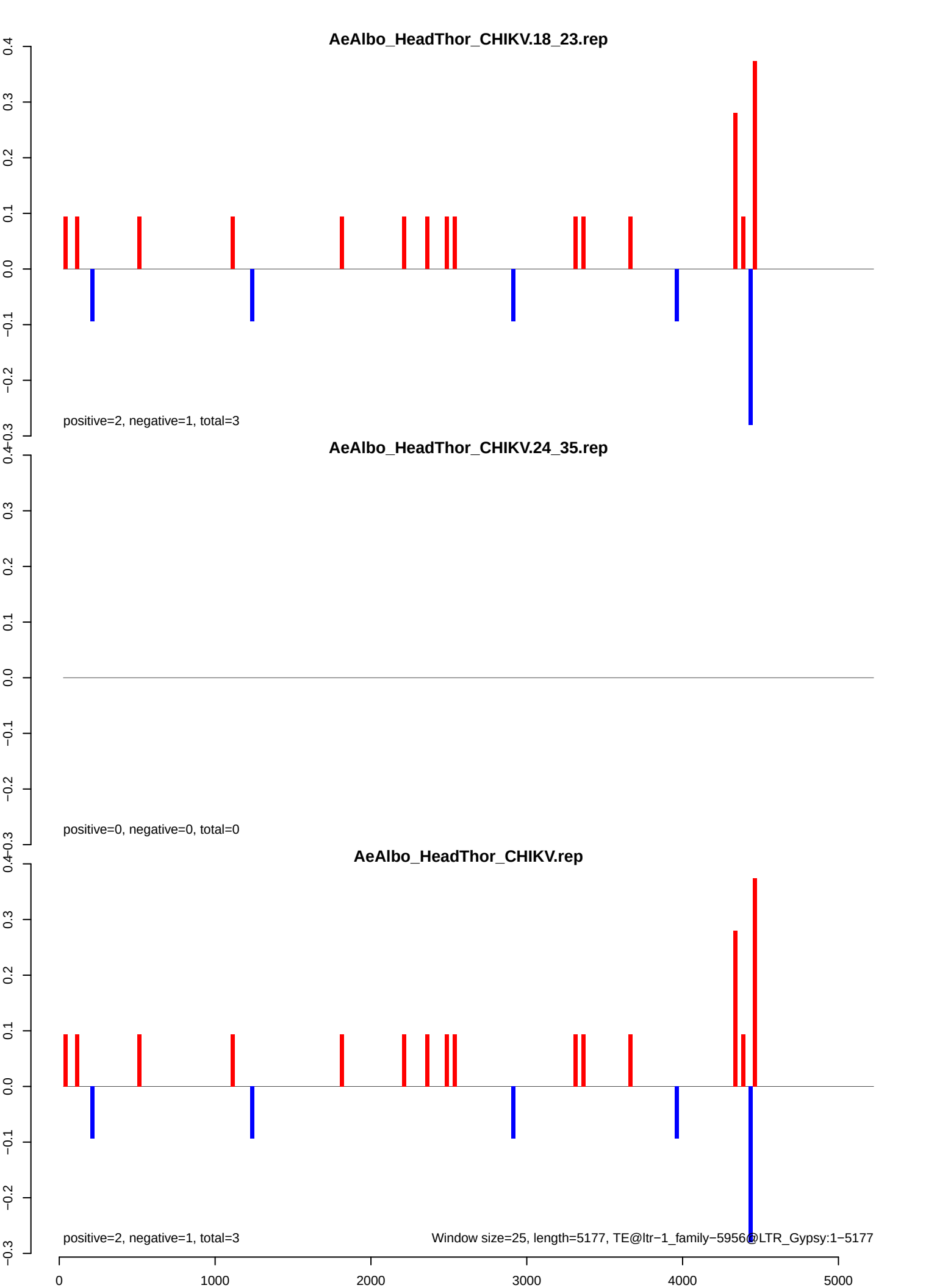

AeAlbo_HeadThor_CHIKV.24_35.rep
3
2
1
0
positive=0, negative=0, total=0

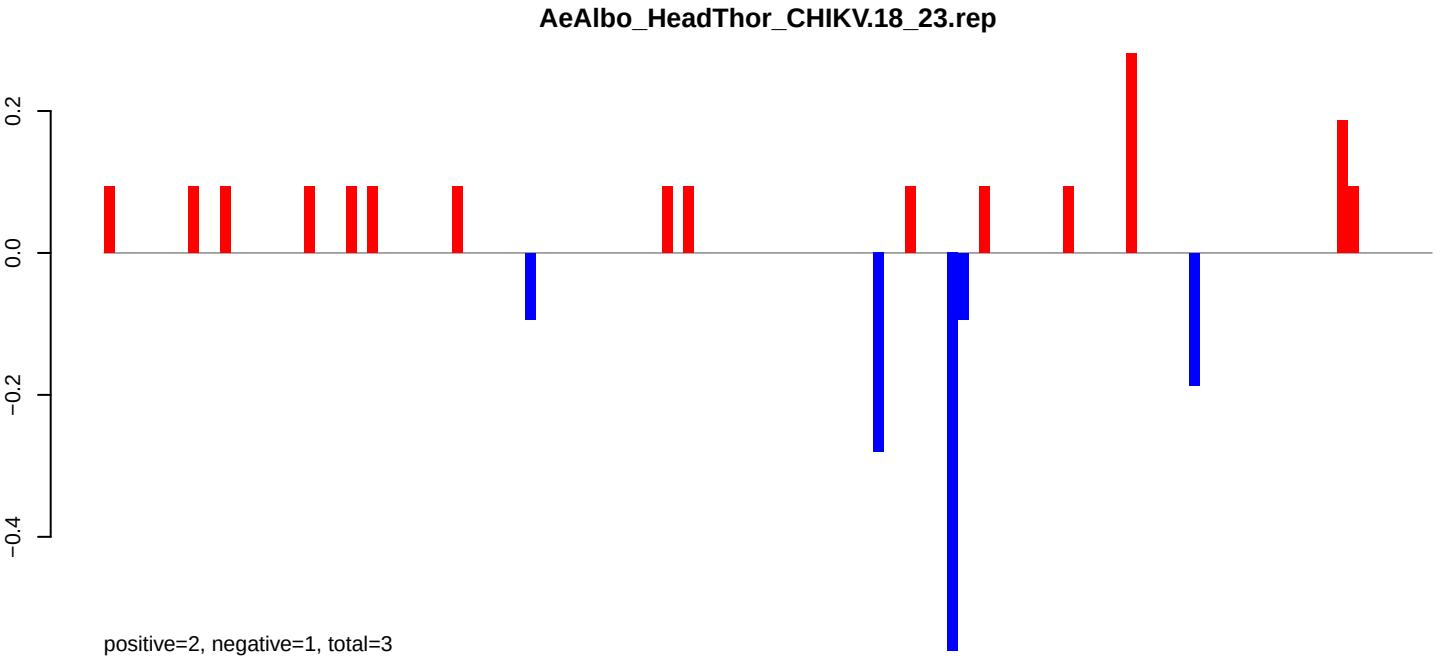

AeAlbo_HeadThor_CHIKV.rep
3
2
1
0
positive=7, negative=2, total=9
Window size=25, length=4291, TE@ltr−1_family−6065@LINE_I:1−4291
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=1, total=4

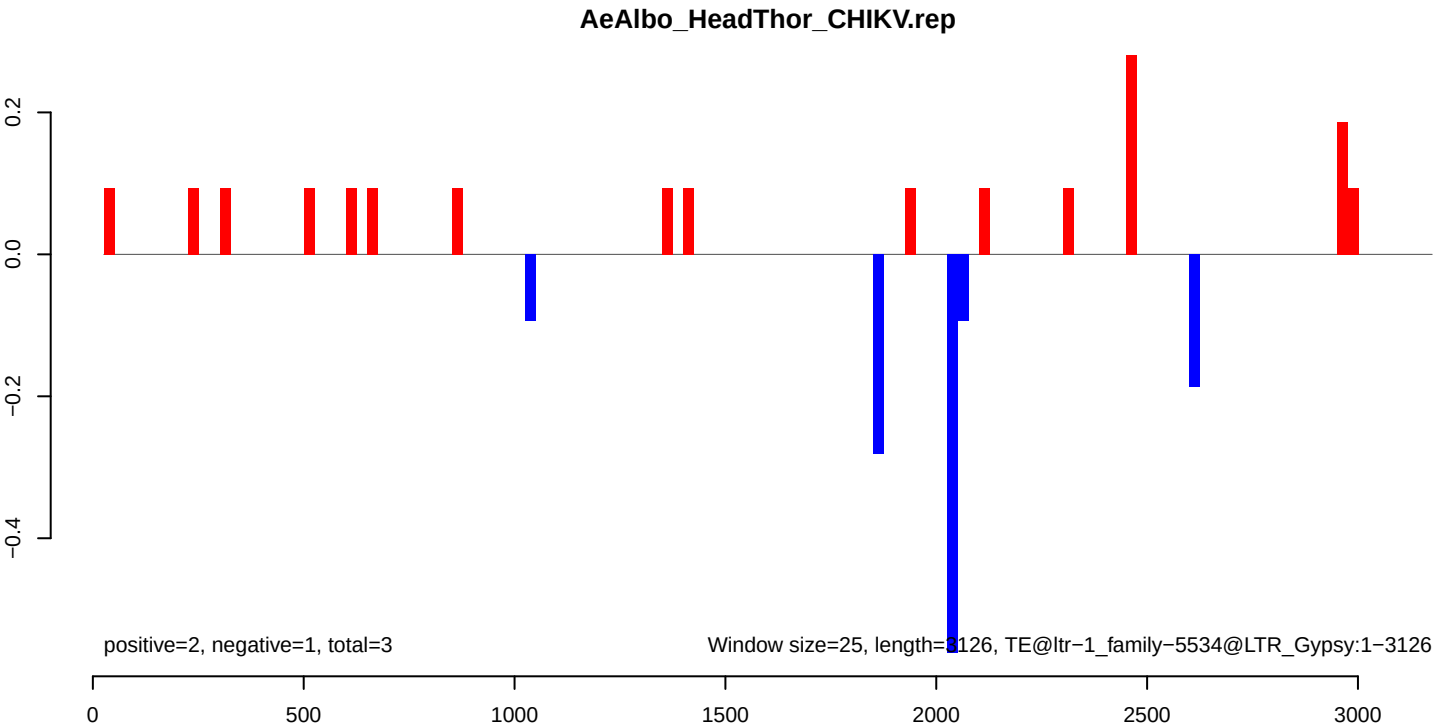

AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

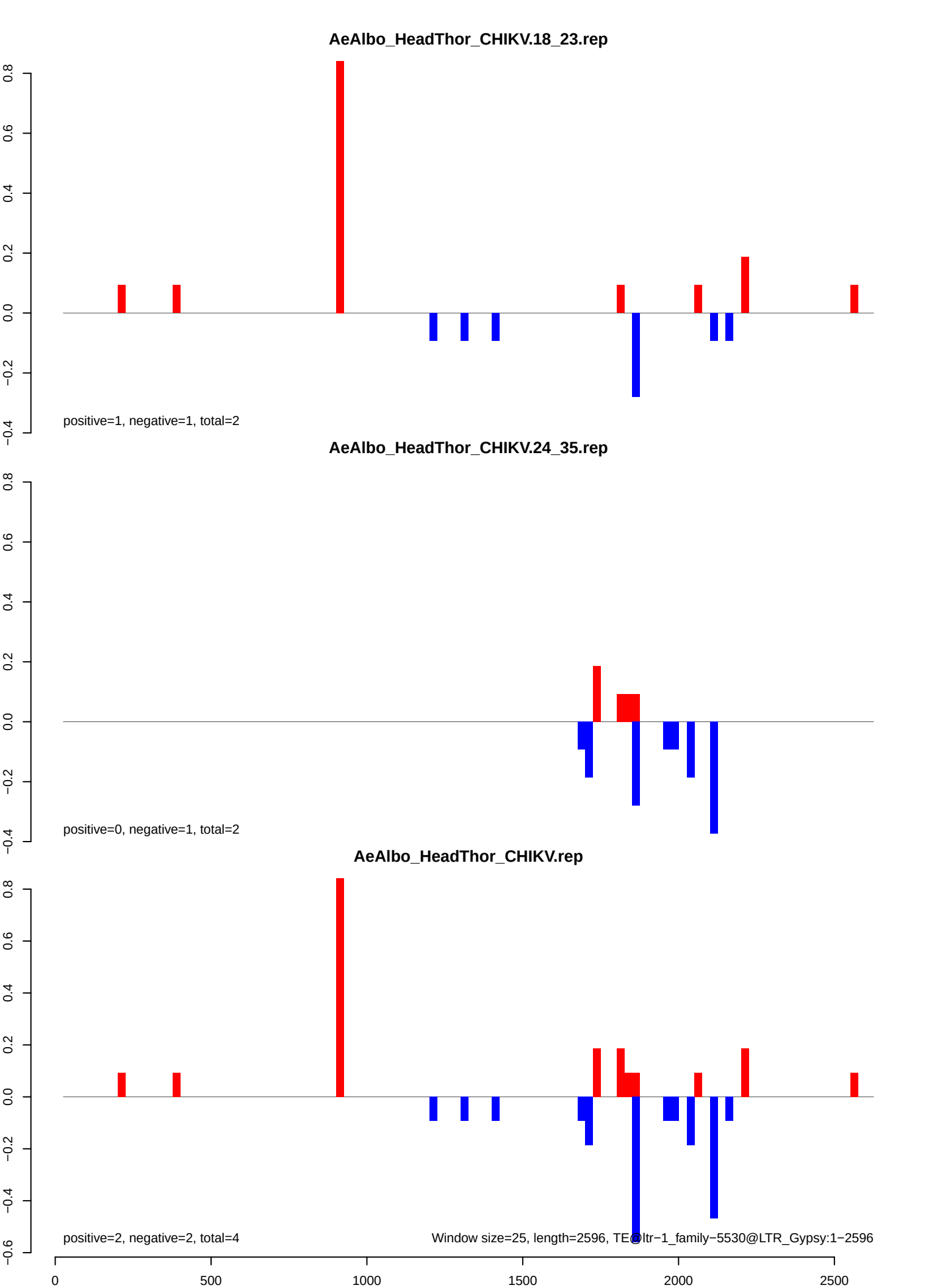
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=1, total=4
Window size=25, length=5755, TE@ltr−1_family−5975@LTR_Pao:1−5755
0
1000
2000
3000
4000
5000
6000

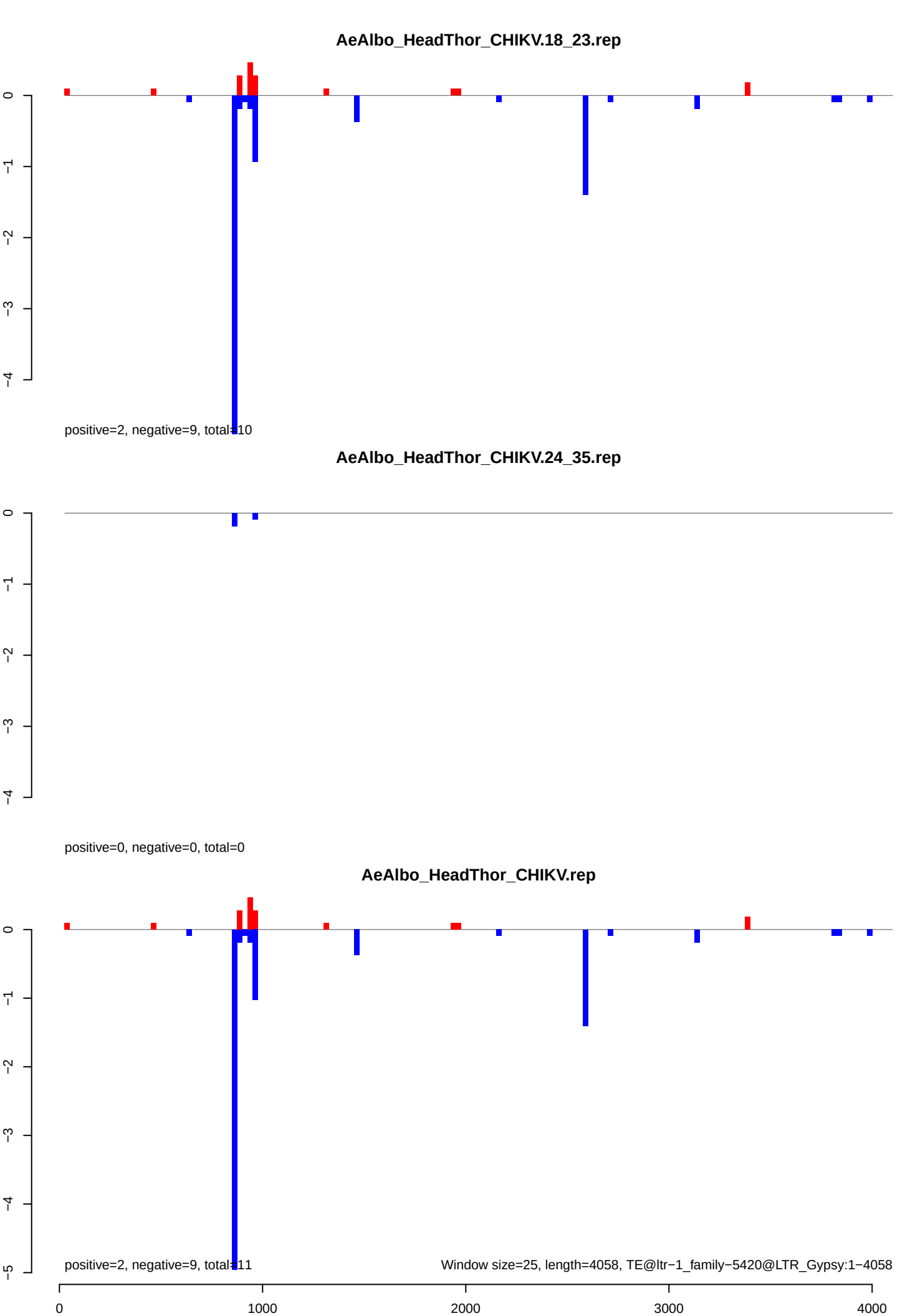

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=5177, TE@ltr−1_family−5956@LTR_Gypsy:1−5177
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000
5000

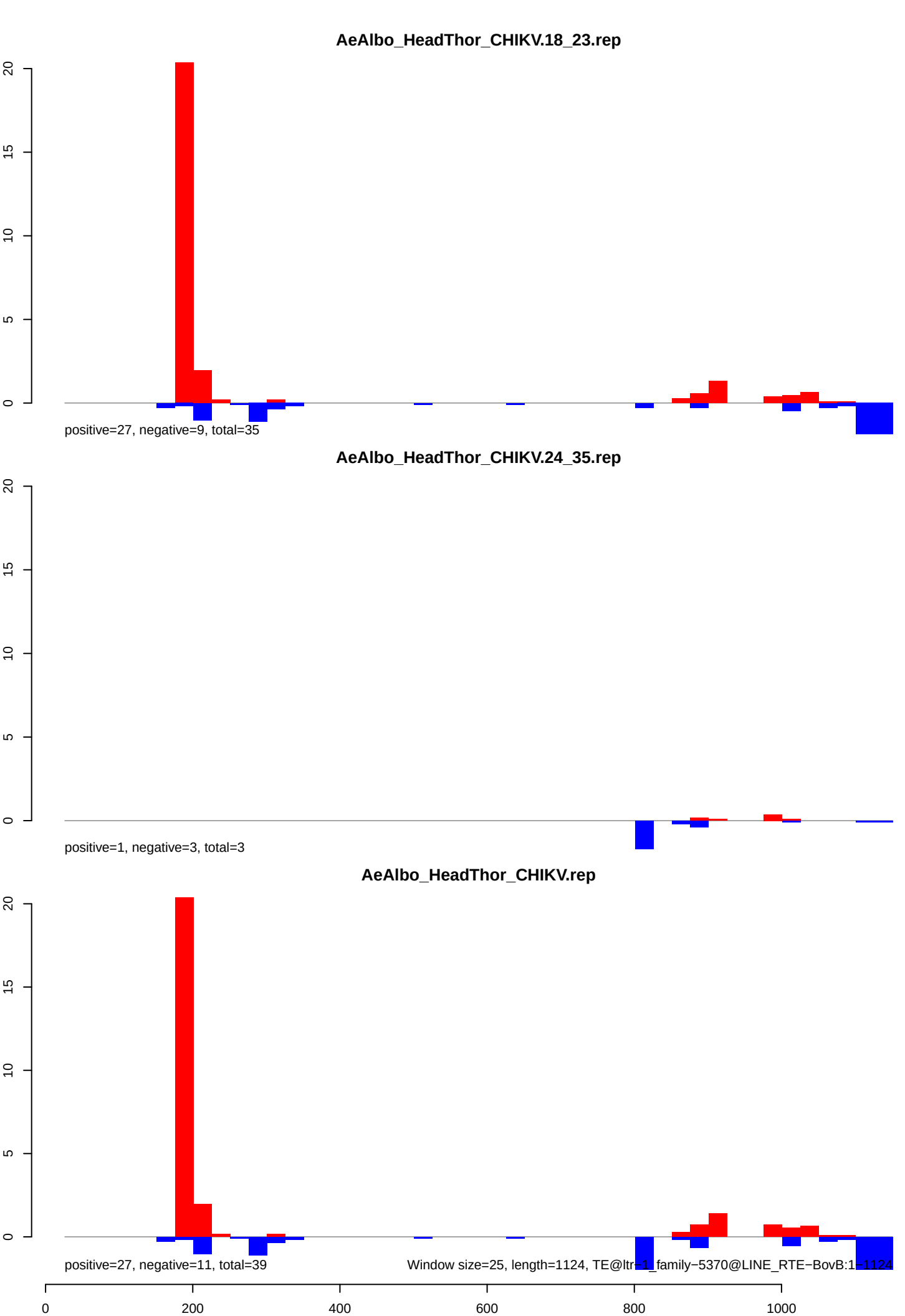

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3

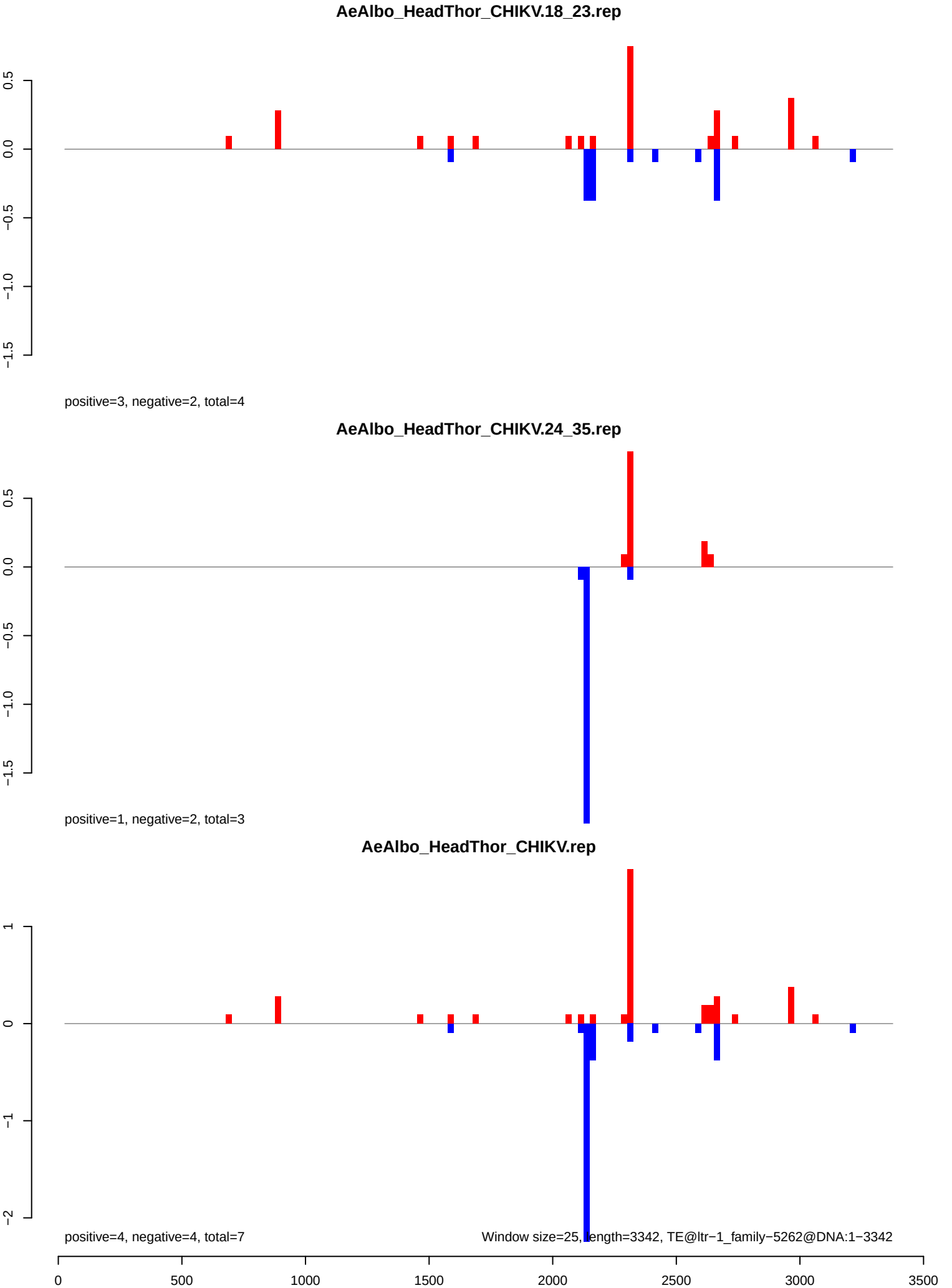
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

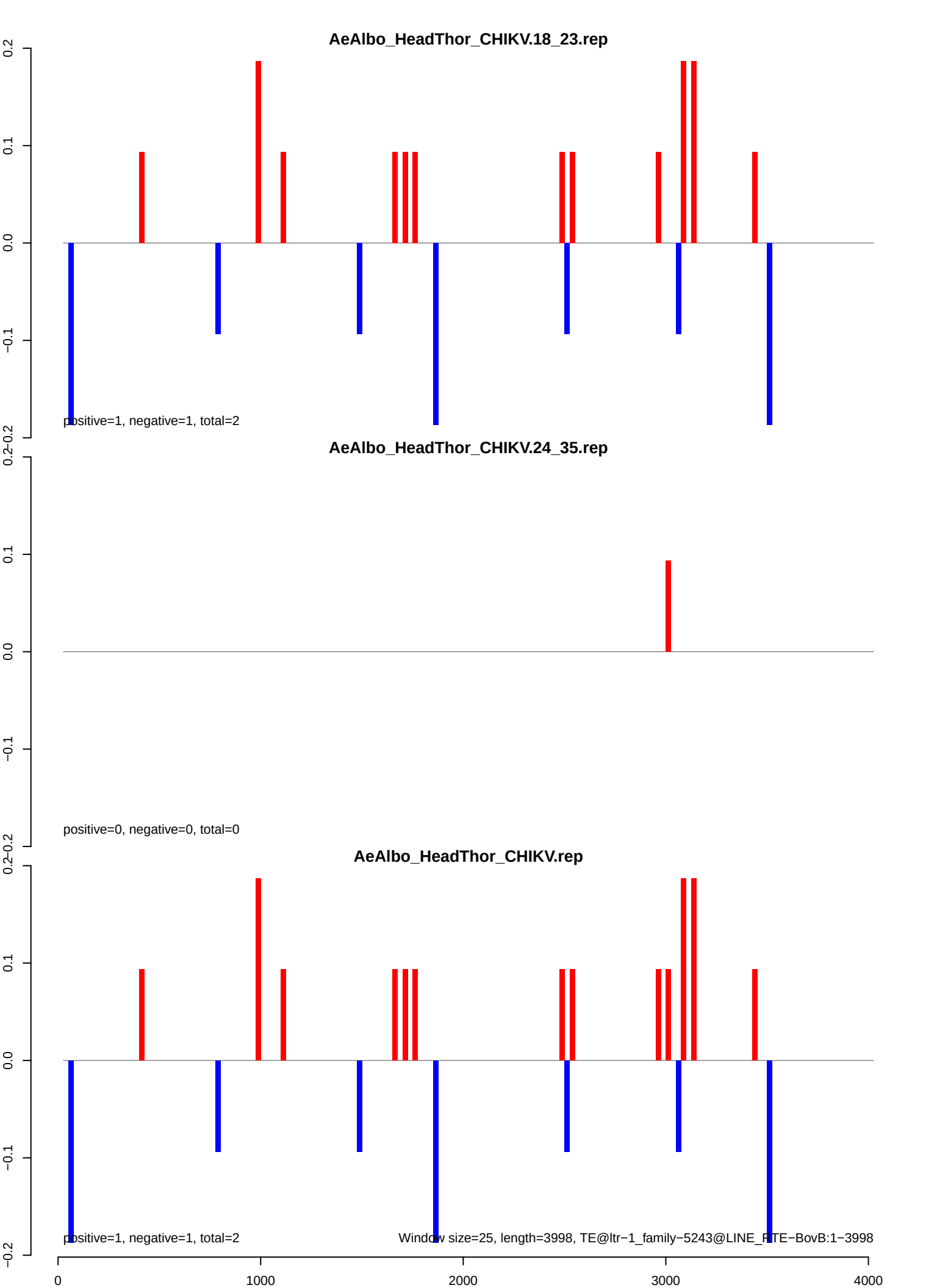

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
Window size=25, length=3126, TE@ltr−1_family−5534@LTR_Gypsy:1−3126
0
500
1000
1500
2000
2500
3000

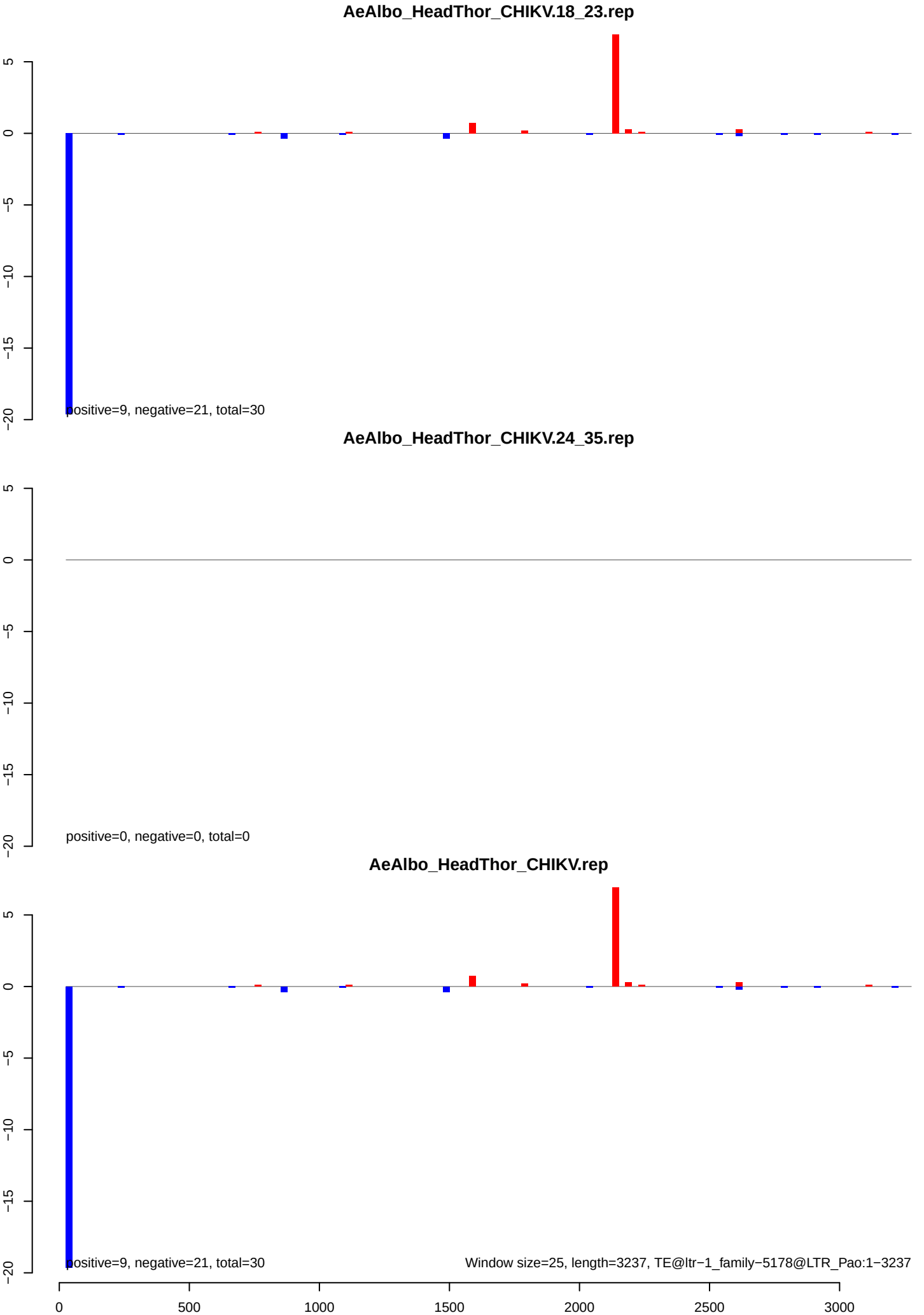

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=2596, TE@ltr−1_family−5530@LTR_Gypsy:1−2596
0
500
1000
1500
2000
2500


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=2, negative=9, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=2, negative=9, total=11
Window size=25, length=4058, TE@ltr−1_family−5420@LTR_Gypsy:1−4058
0
1000
2000
3000
4000

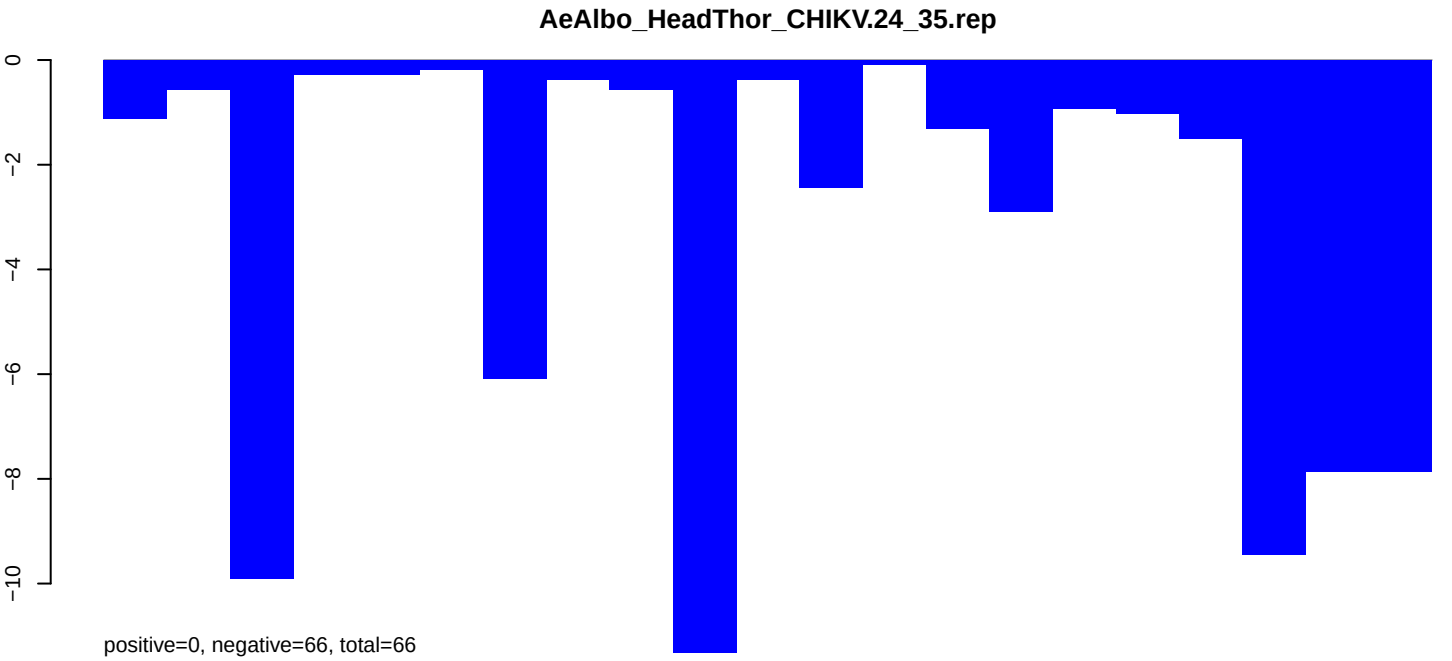

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=27, negative=9, total=35
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=3, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=27, negative=11, total=39
Window size=25, length=1124, TE@ltr=1_family=5370@LINE_RTE=BovB:1=1124
0
5
10
15
20
0
200
400
600
800
1000

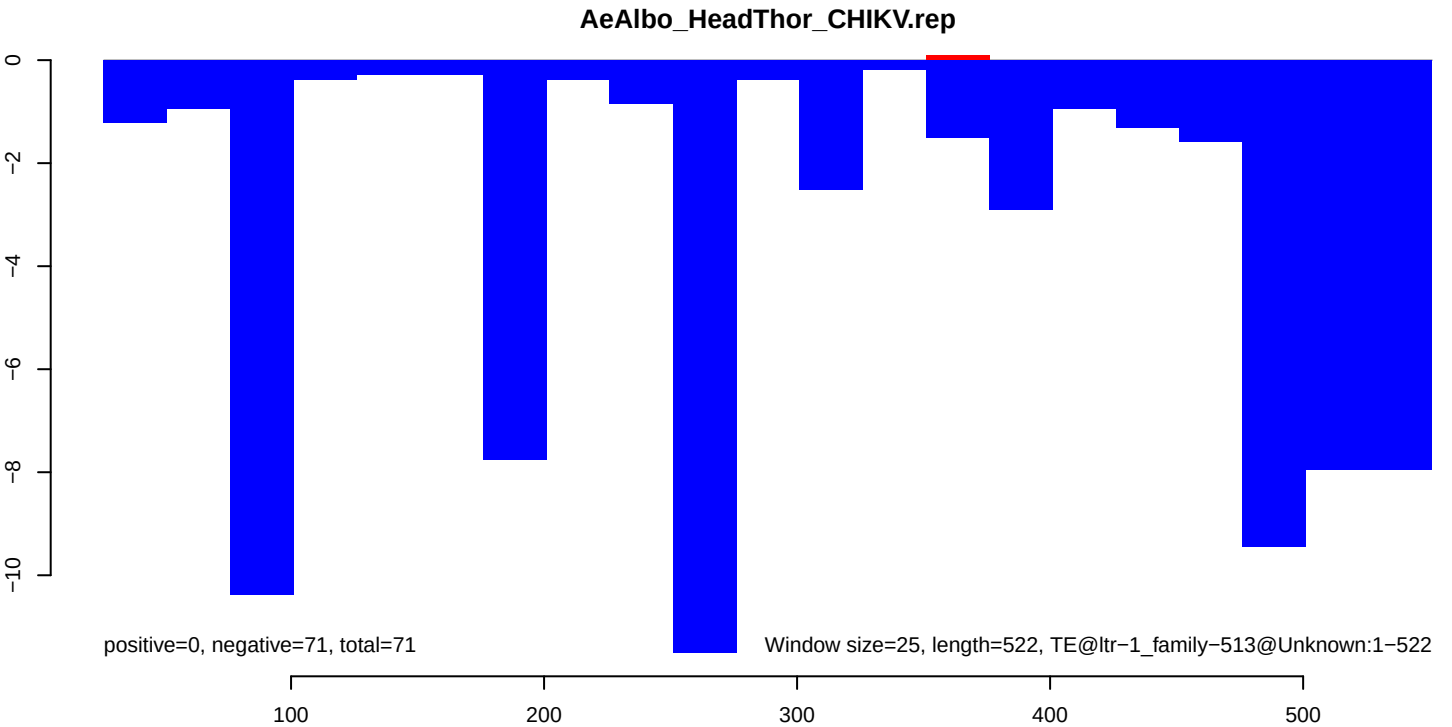

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=4, negative=4, total=7
Window size=25, length=3342, TE@ltr−1_family−5262@DNA:1−3342
0
500
1000
1500
2000
2500
3000
3500

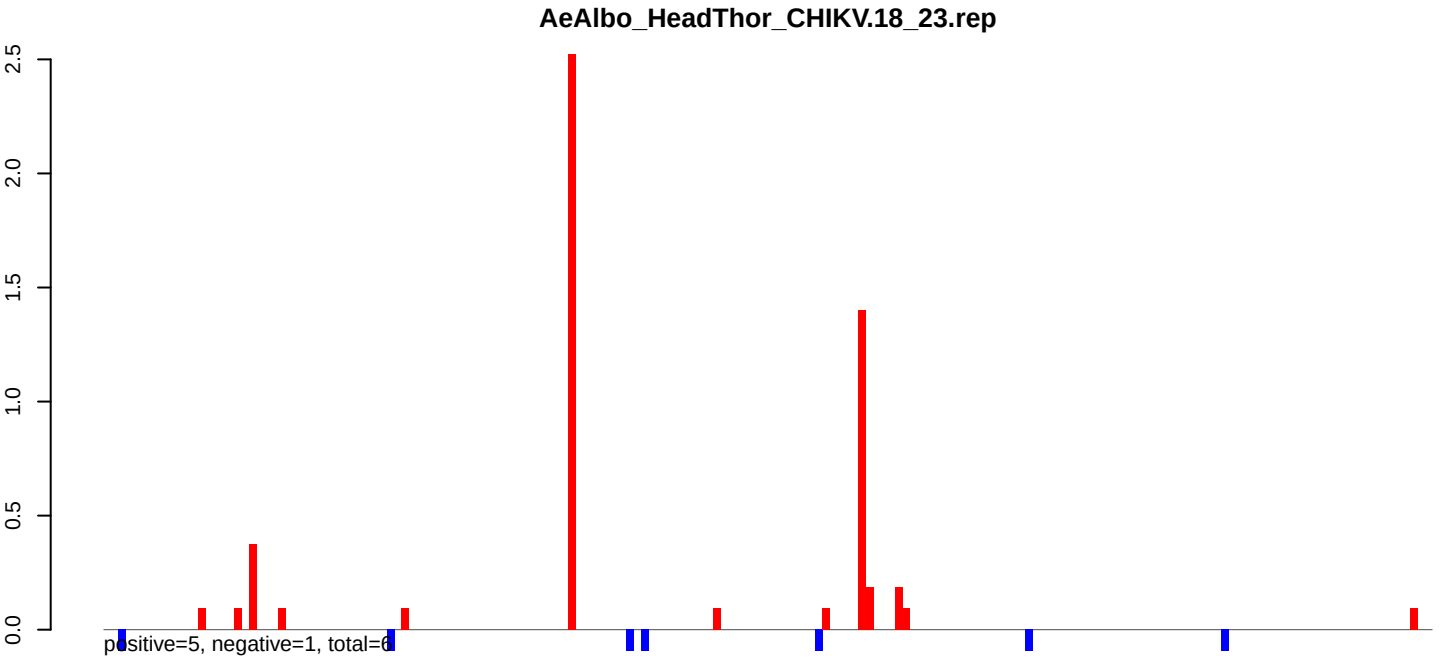

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=3998, TE@ltr−1_family−5243@LINE_RTE−BovB:1−3998
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000

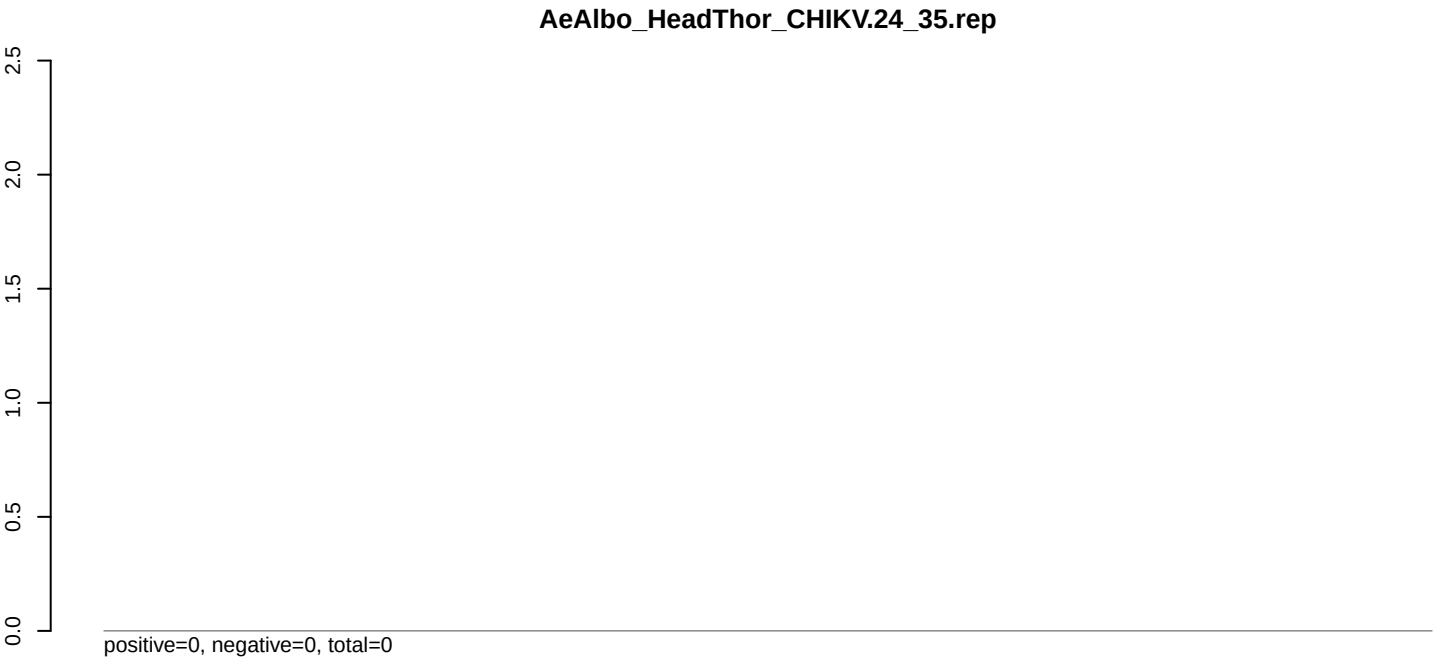

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
−15
−20
positive=9, negative=21, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
−15
−20
positive=9, negative=21, total=30
Window size=25, length=3237, TE@ltr−1_family−5178@LTR_Pao:1−3237
0
500
1000
1500
2000
2500
3000

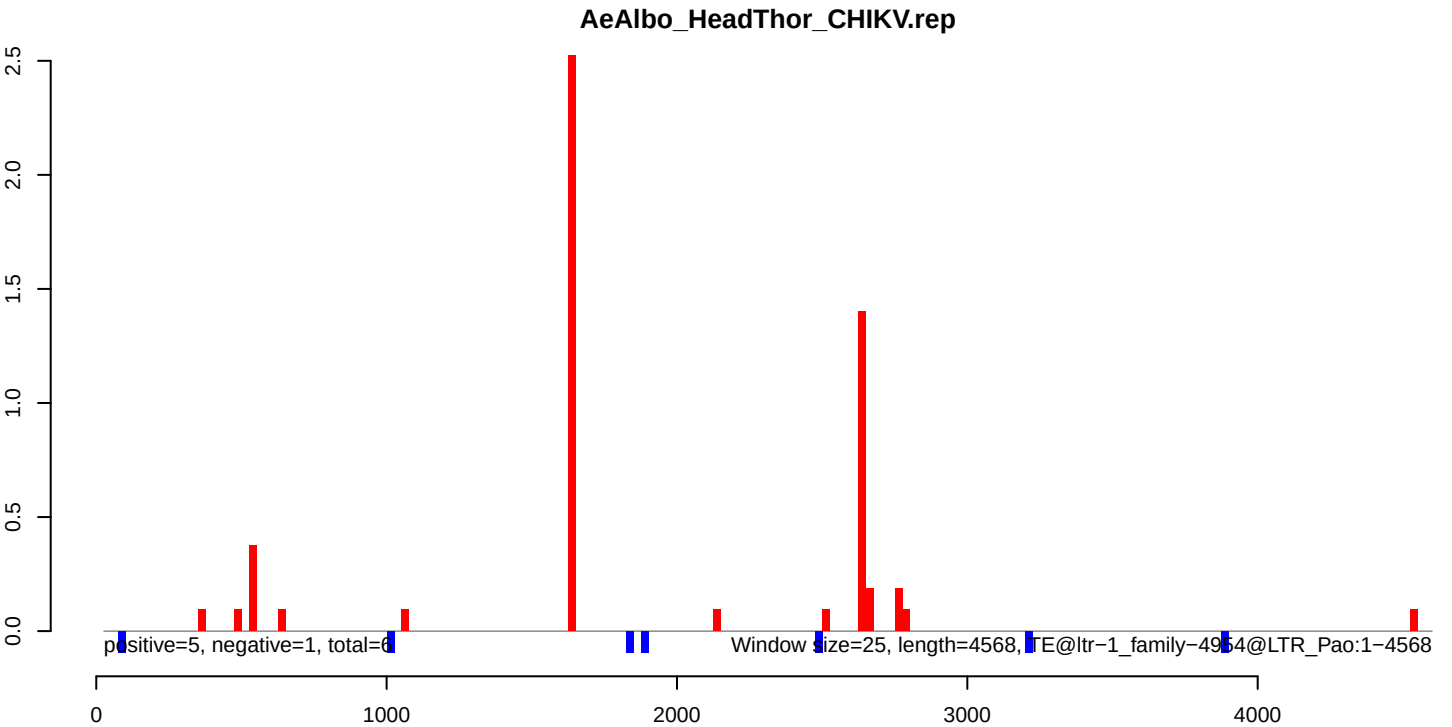
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
positive=0, negative=4, total=4

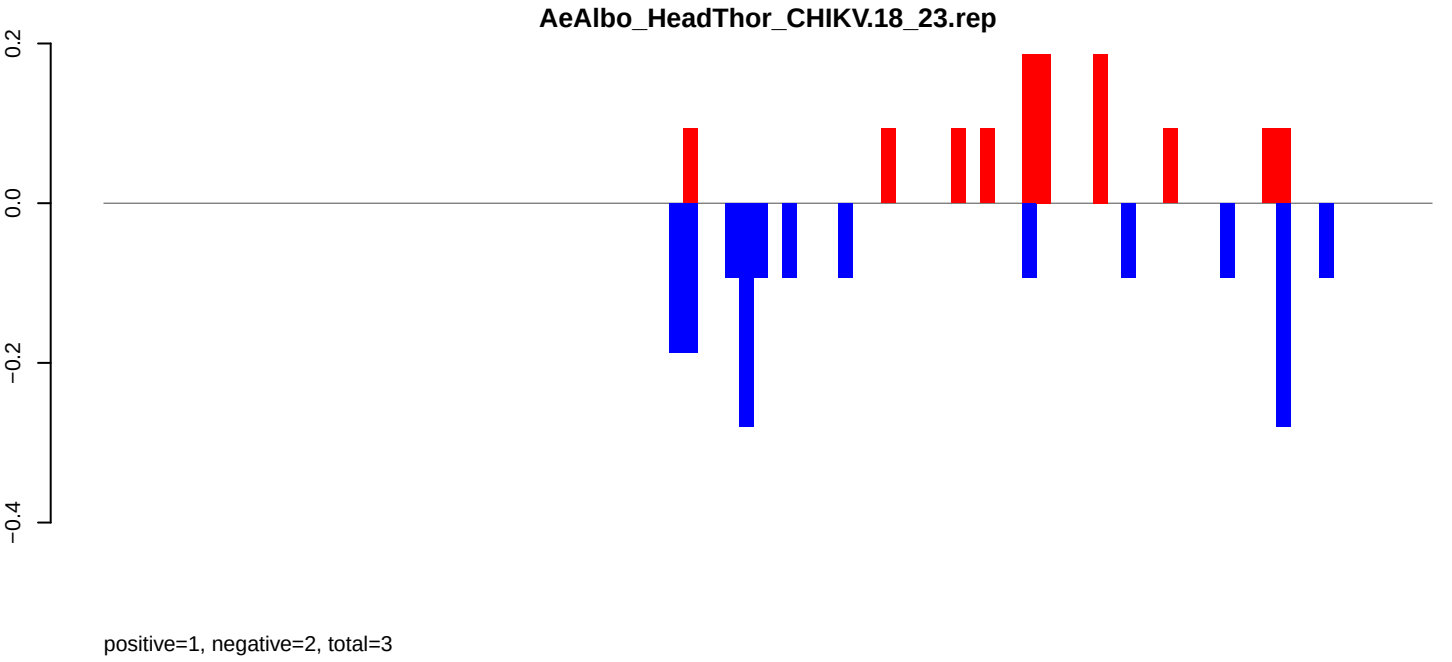

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
positive=0, negative=66, total=66

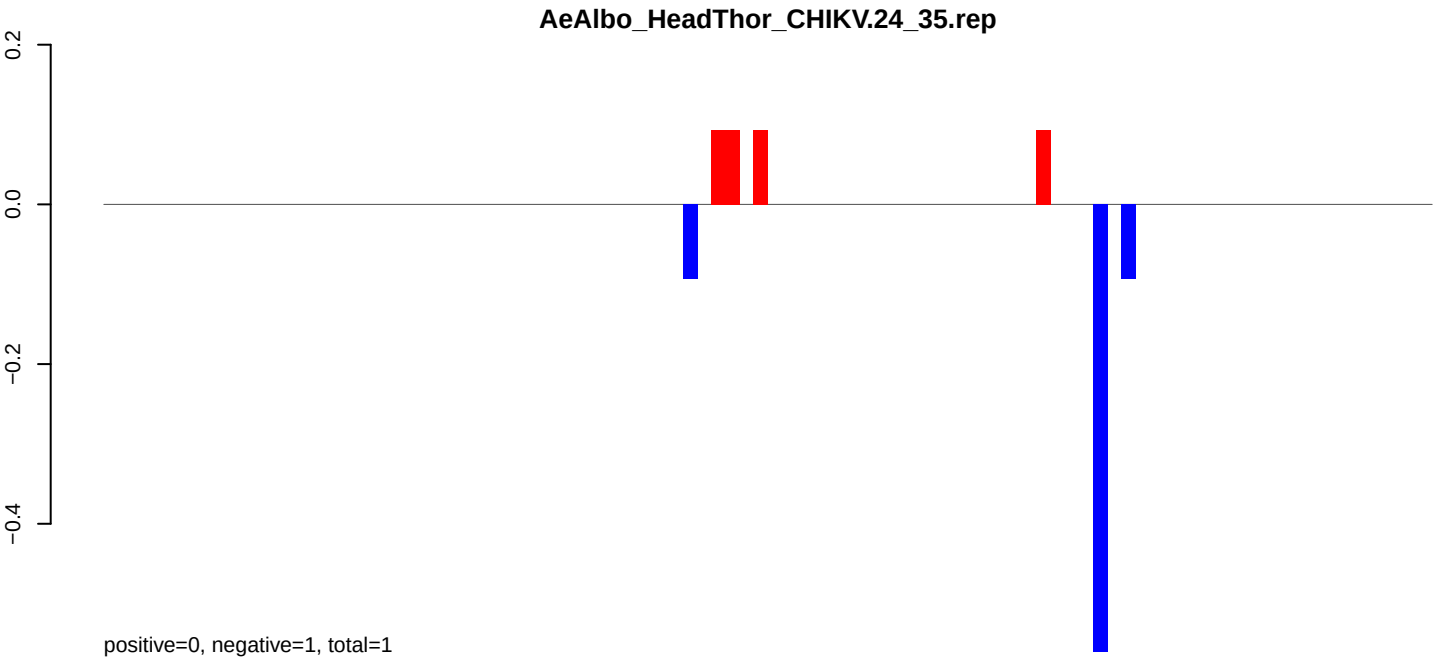

AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
positive=0, negative=71, total=71
Window size=25, length=522, TE@ltr−1_family−513@Unknown:1−522
100
200
300
400
500

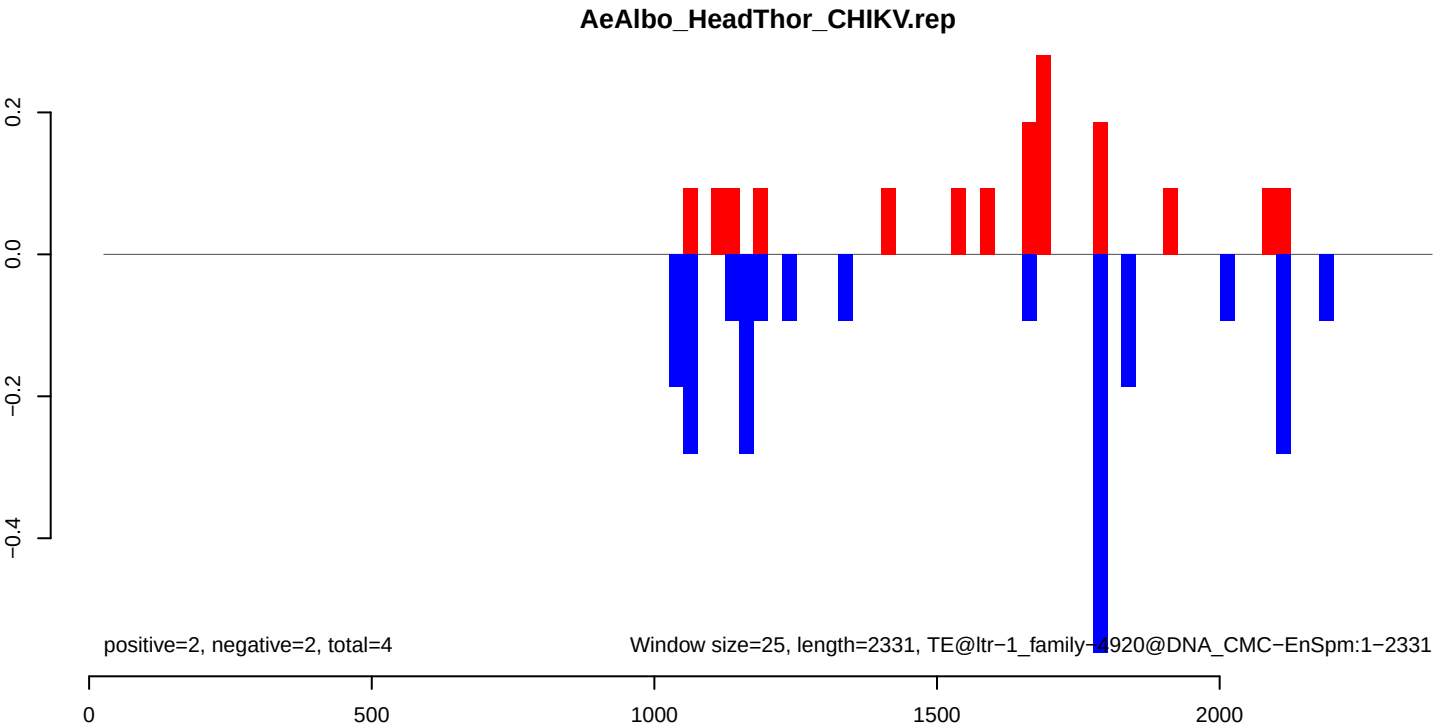

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=5, negative=1, total=6

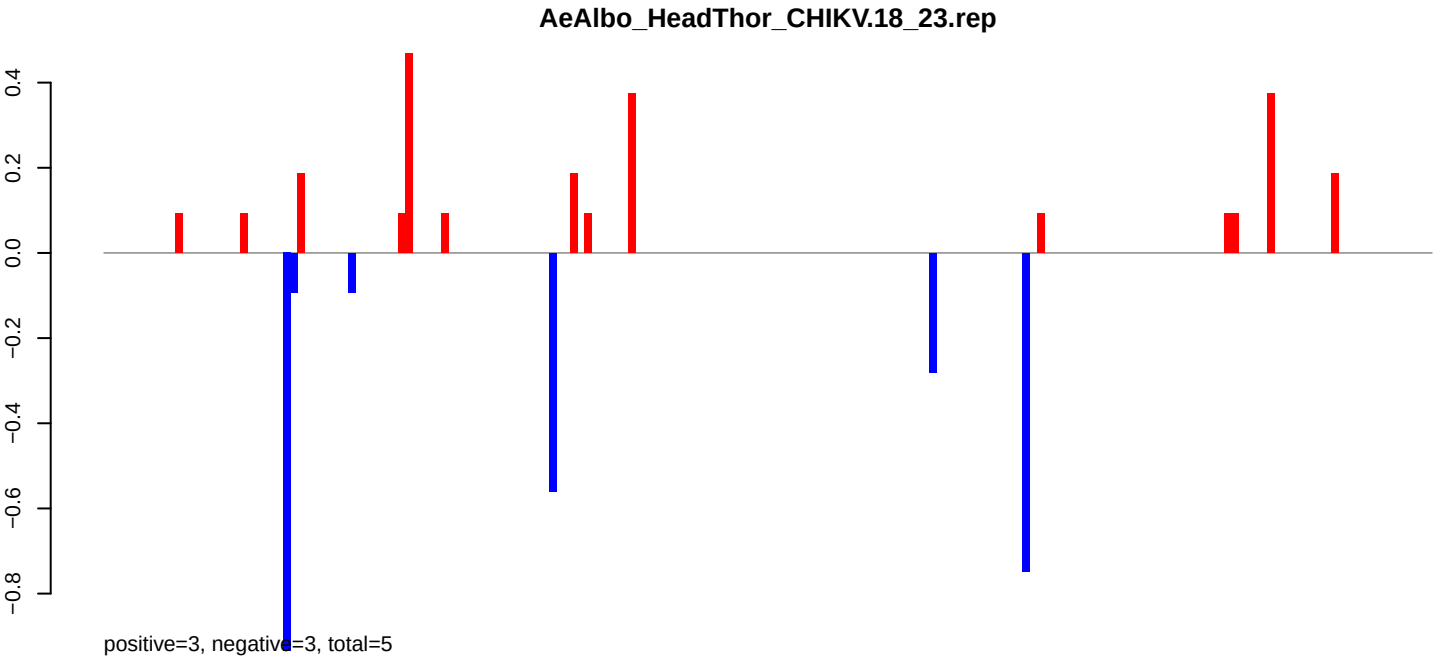

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0

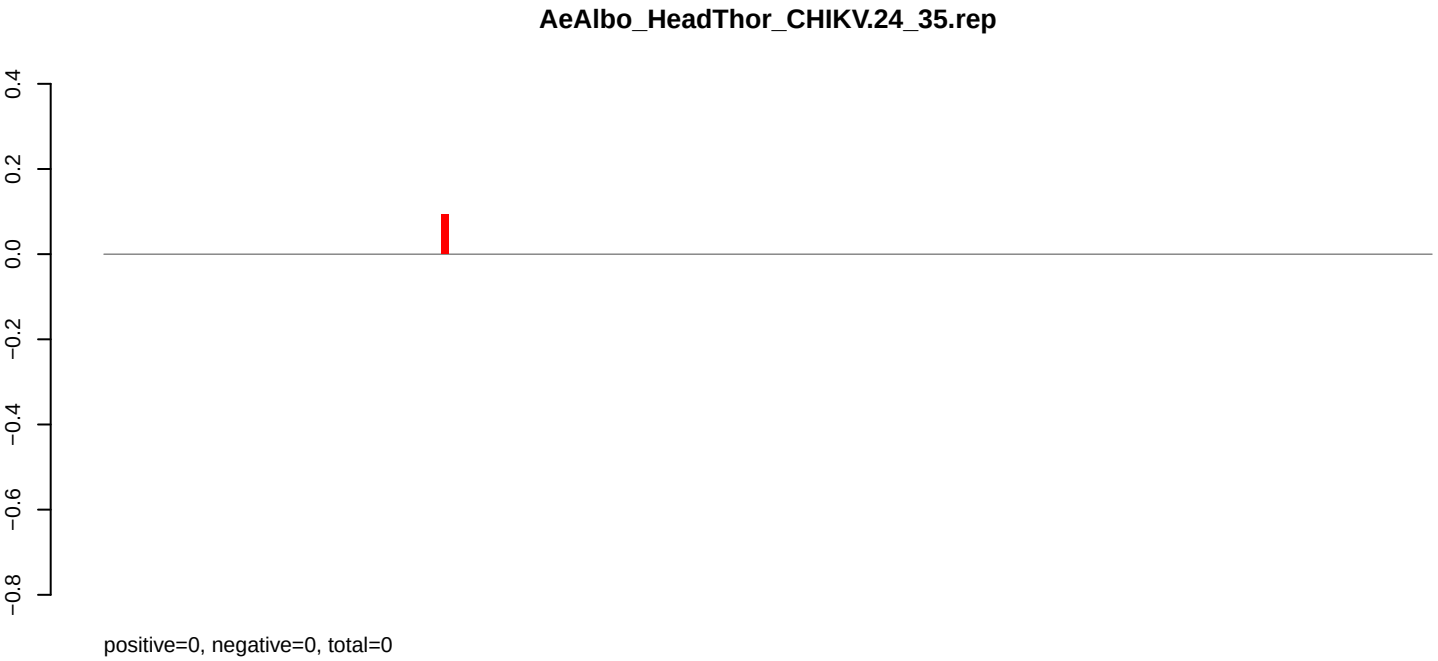

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=5, negative=1, total=6
Window size=25, length=4568, TE@ltr−1_family−4954@LTR_Pao:1−4568
0
1000
2000
3000
4000

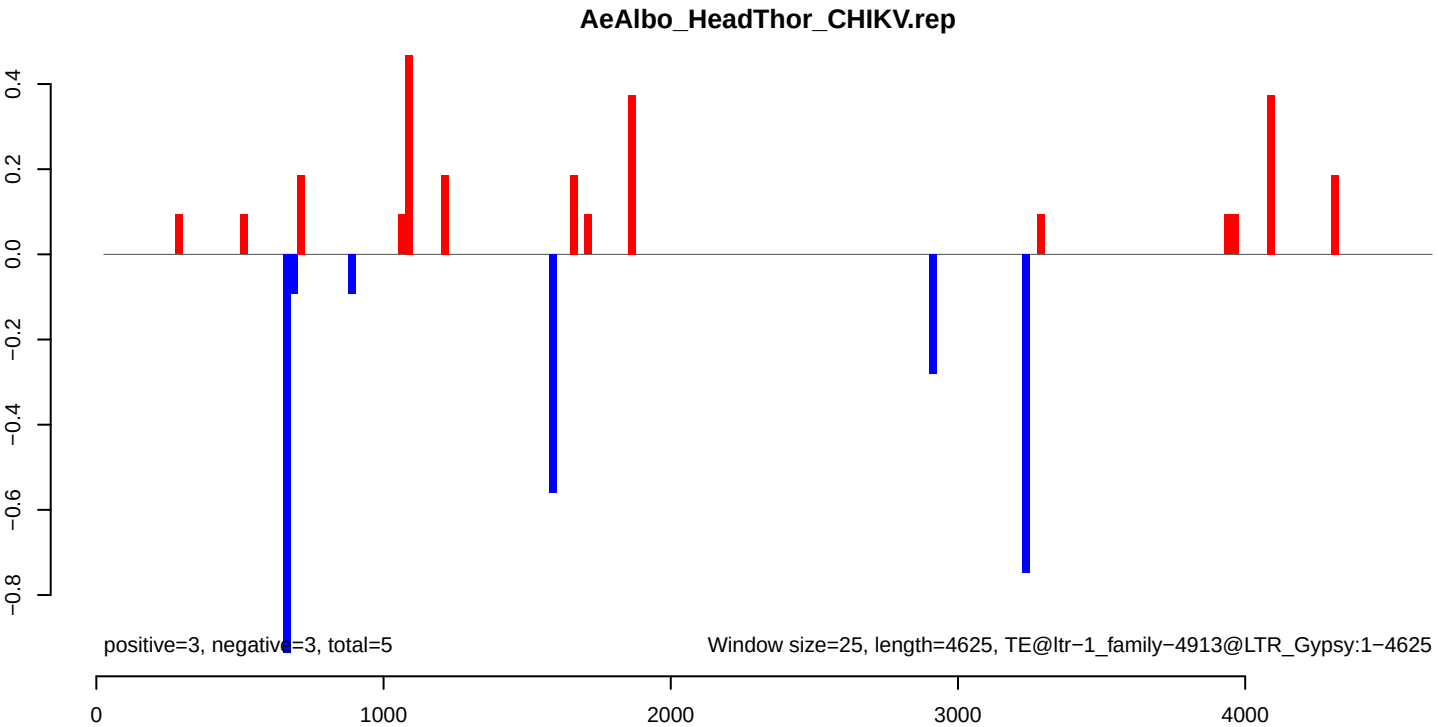

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=3

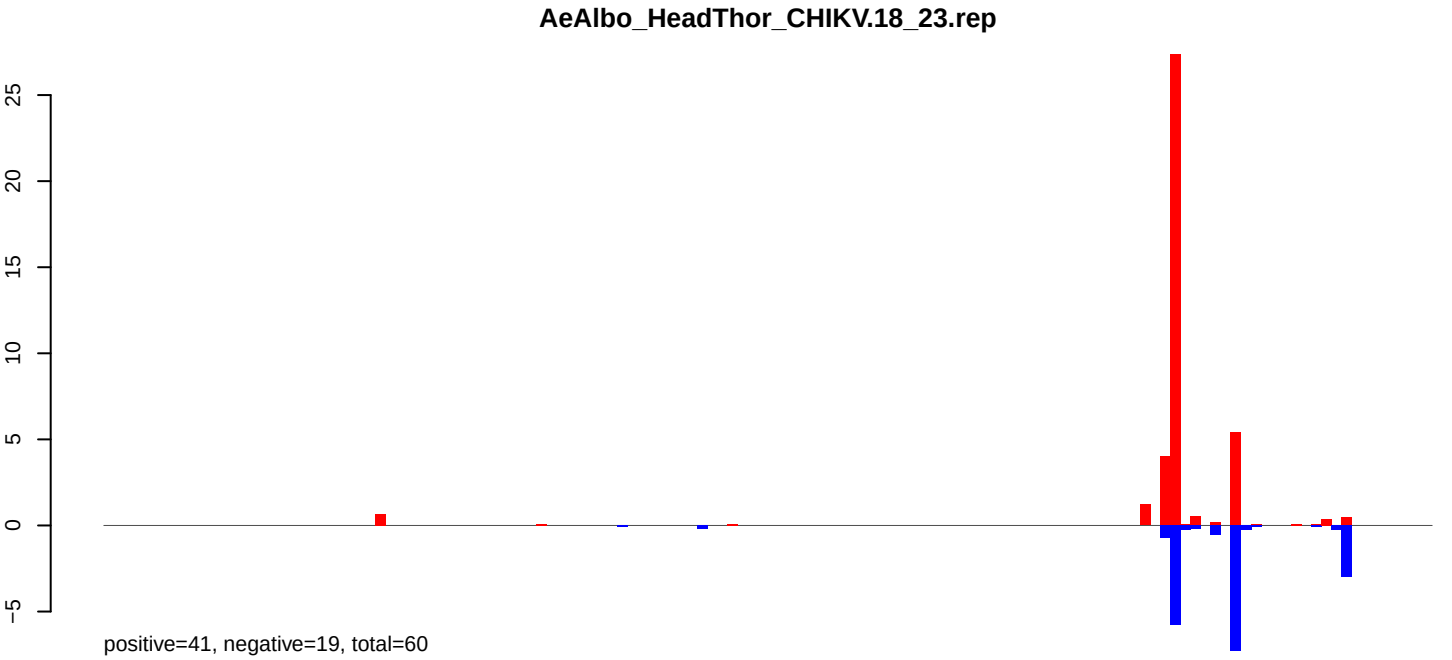

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1

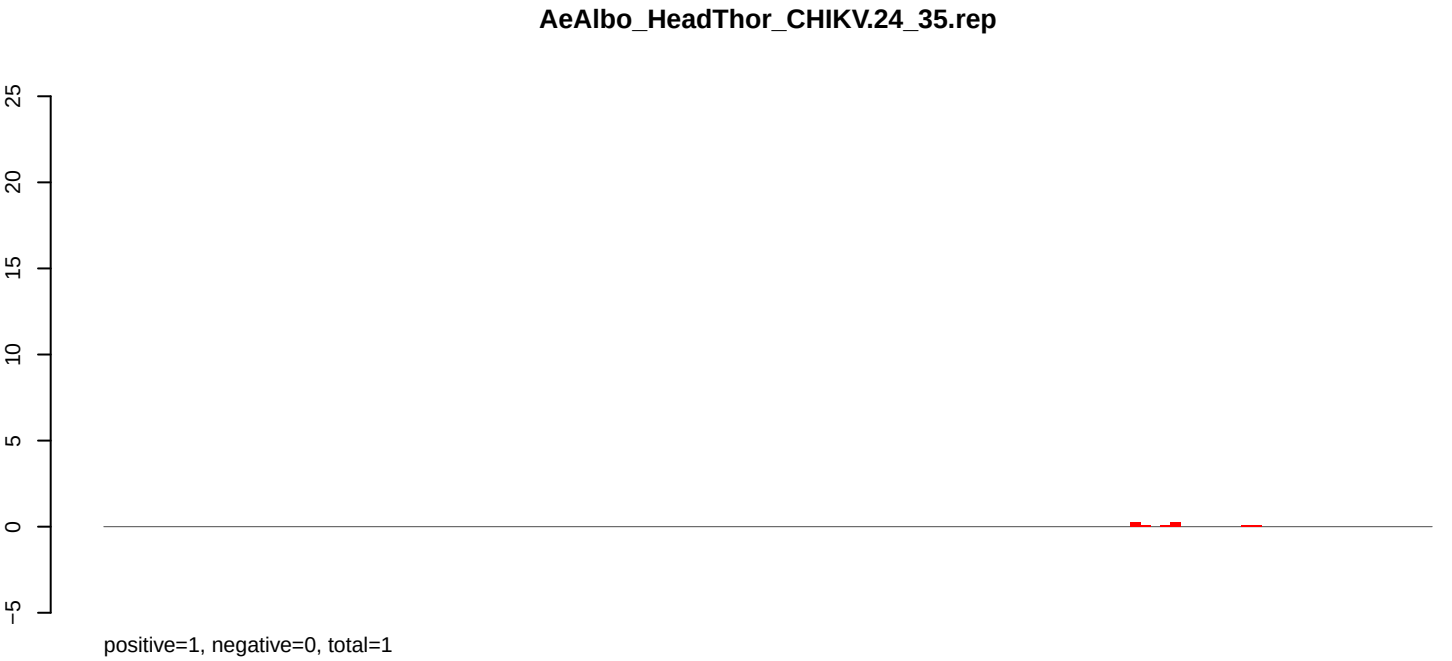

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4
Window size=25, length=2331, TE@ltr−1_family−4920@DNA_CMC−EnSpm:1−2331
0
500
1000
1500
2000

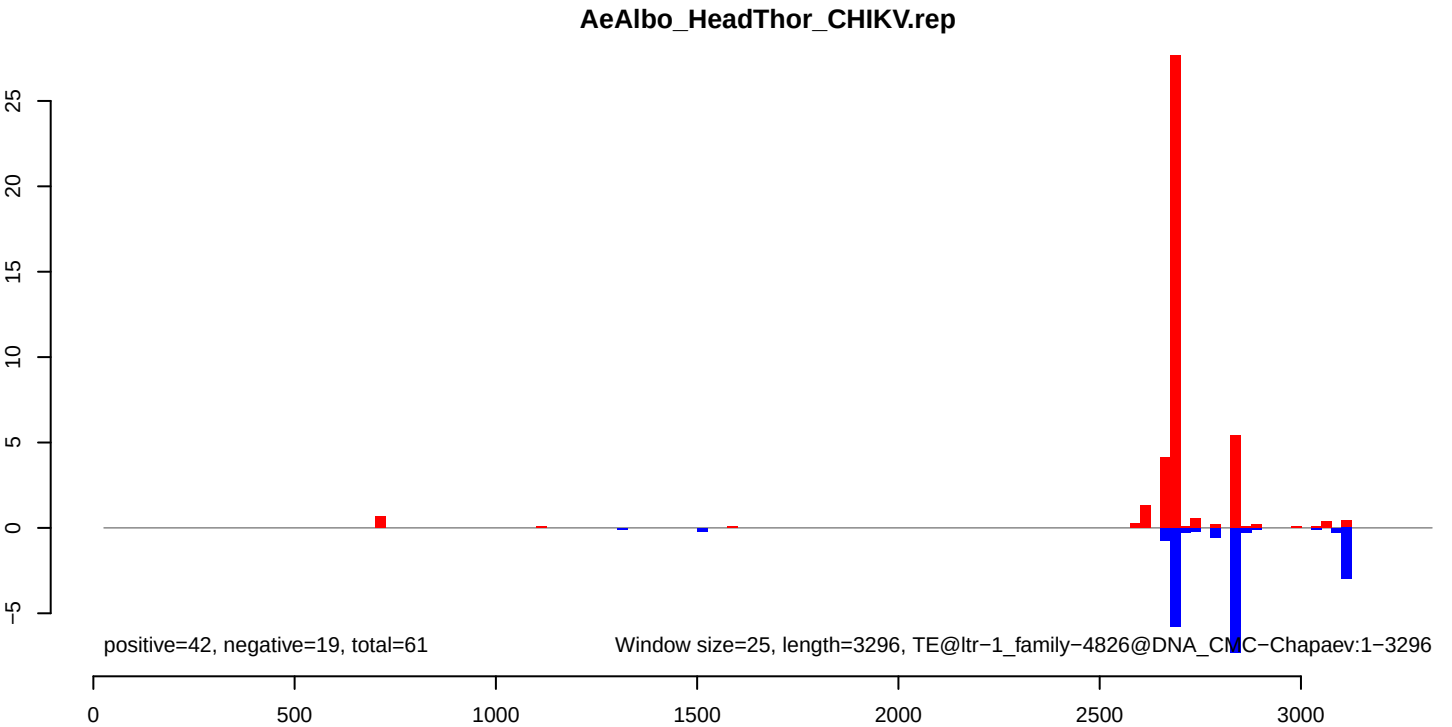

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=3, negative=3, total=5

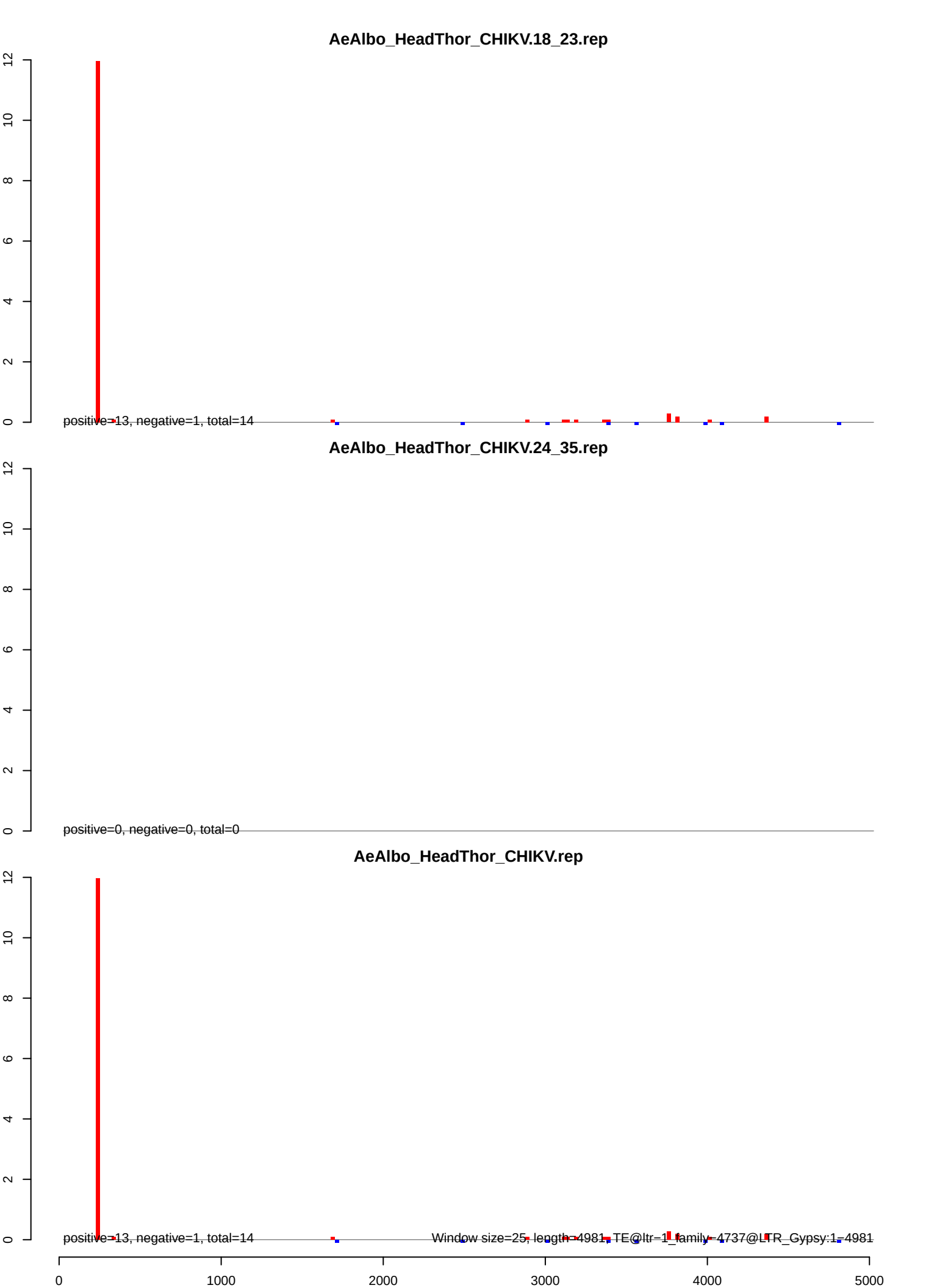

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0

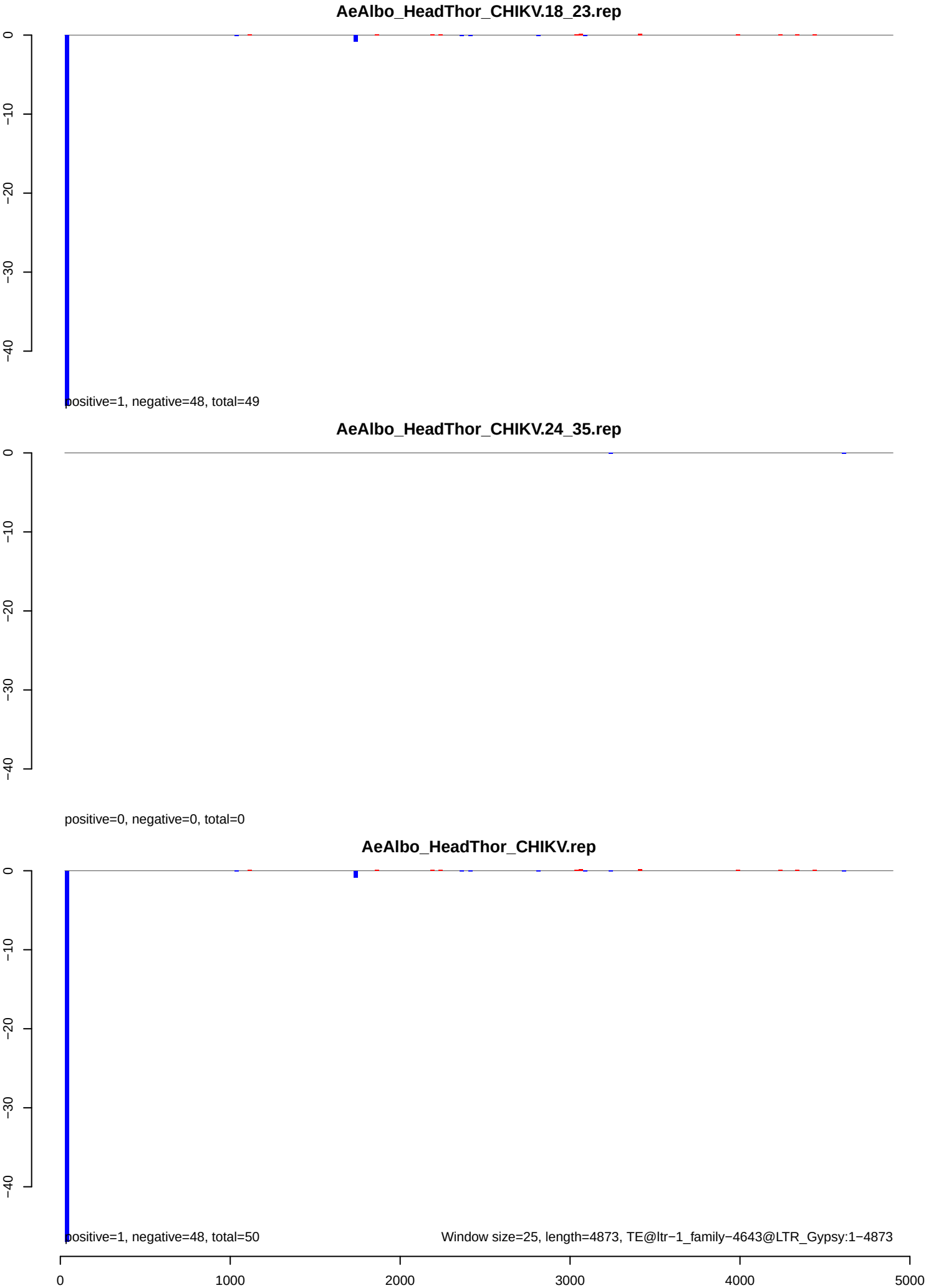

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=3, negative=3, total=5
Window size=25, length=4625, TE@ltr−1_family−4913@LTR_Gypsy:1−4625
0
1000
2000
3000
4000

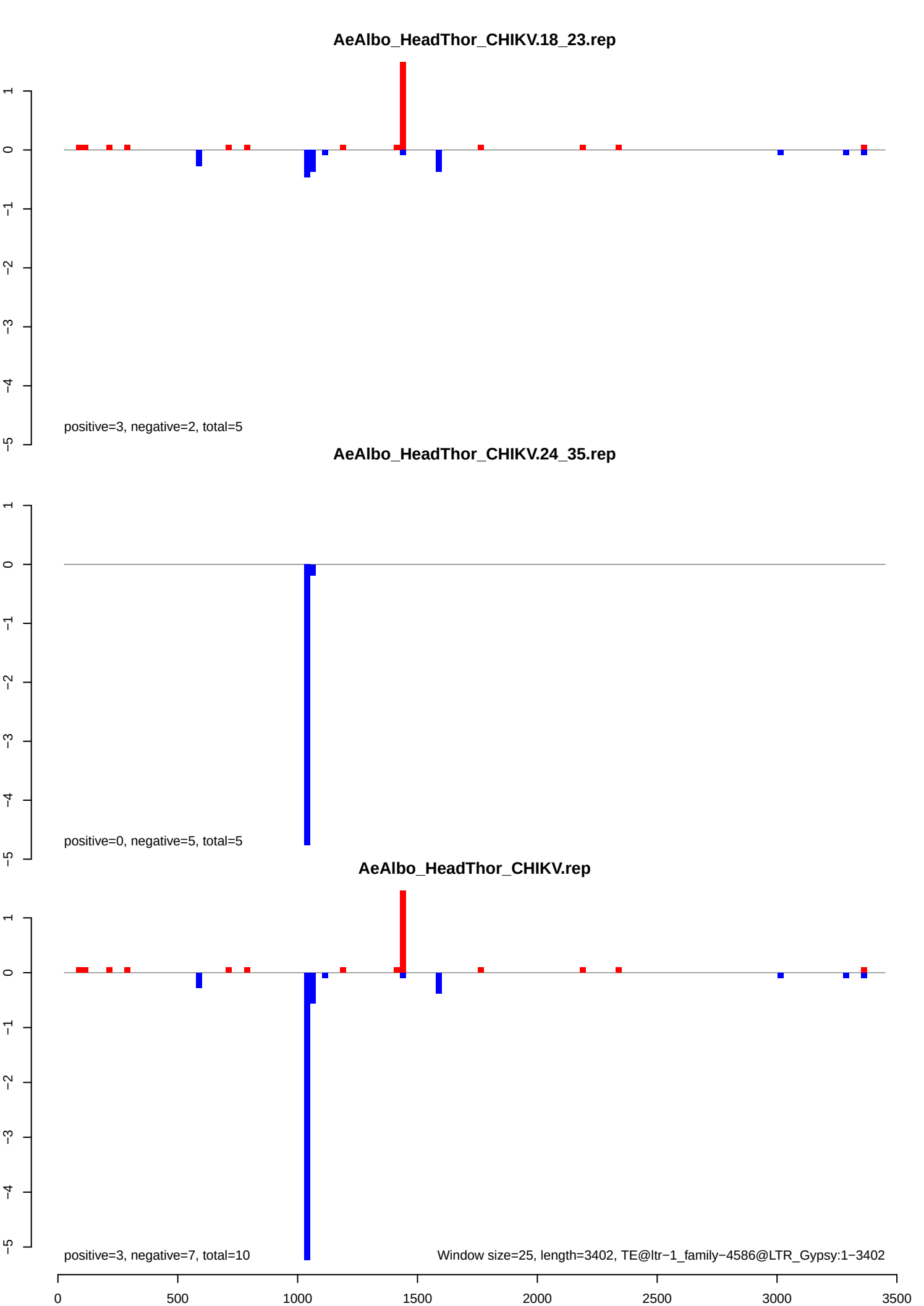

AeAlbo_HeadThor_CHIKV.18_23.rep
25
20
15
10
5
0
−5
positive=41, negative=19, total=60

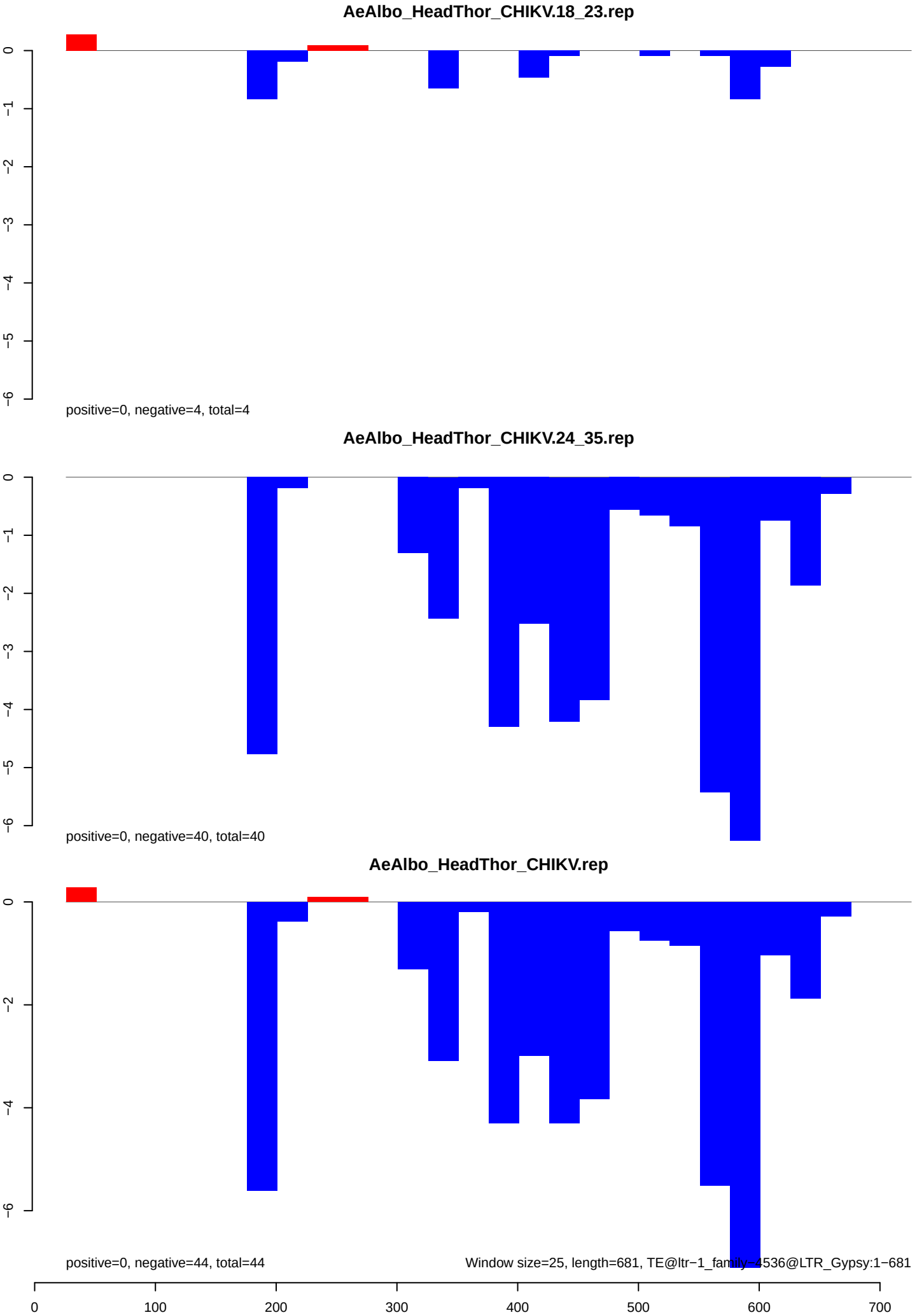

AeAlbo_HeadThor_CHIKV.24_35.rep
25
20
15
10
5
0
−5
positive=1, negative=0, total=1

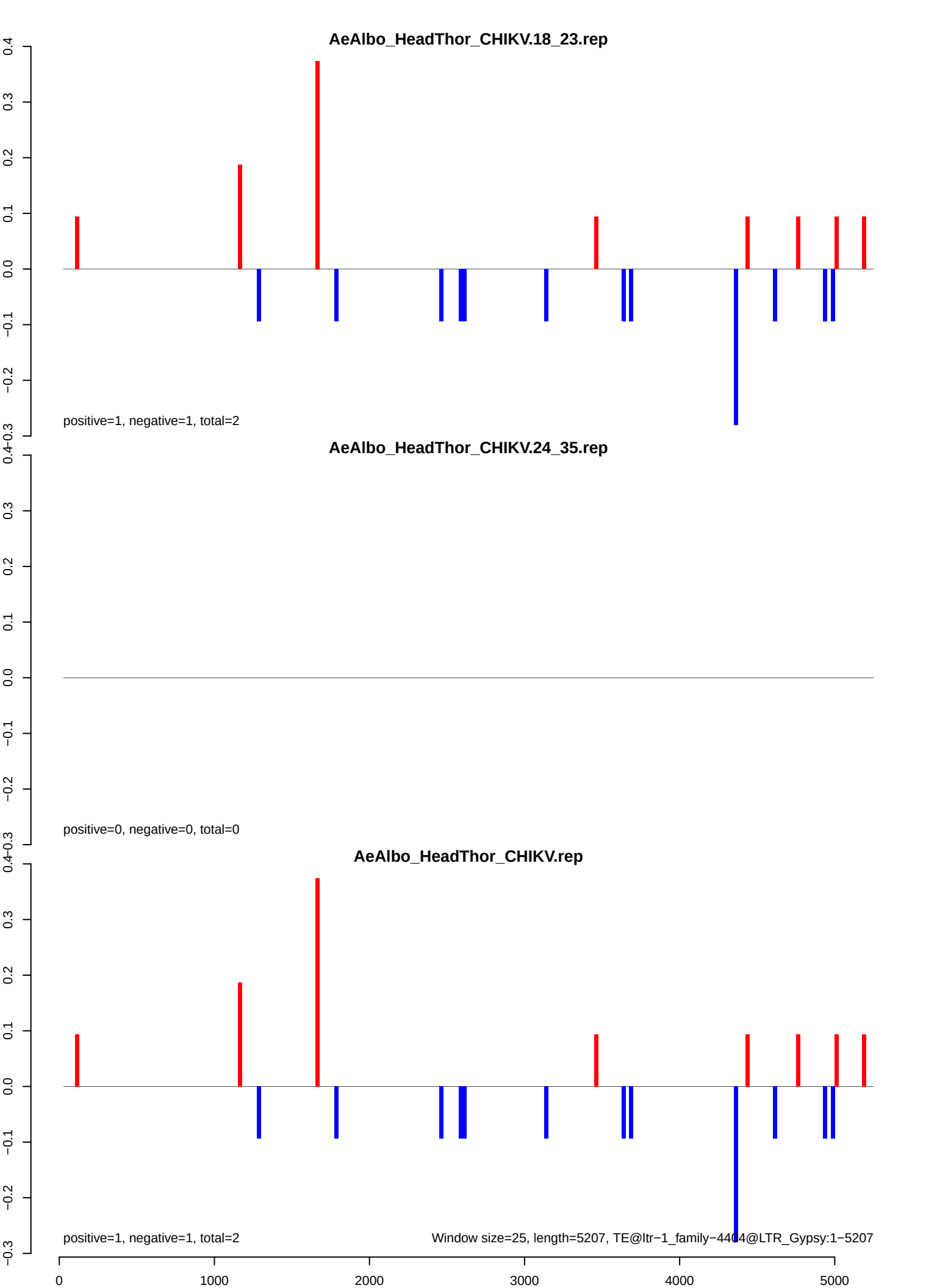

AeAlbo_HeadThor_CHIKV.rep
25
20
15
10
5
0
−5
positive=42, negative=19, total=61
Window size=25, length=3296, TE@ltr−1_family−4826@DNA_CMC−Chapaev:1−3296
0
500
1000
1500
2000
2500
3000

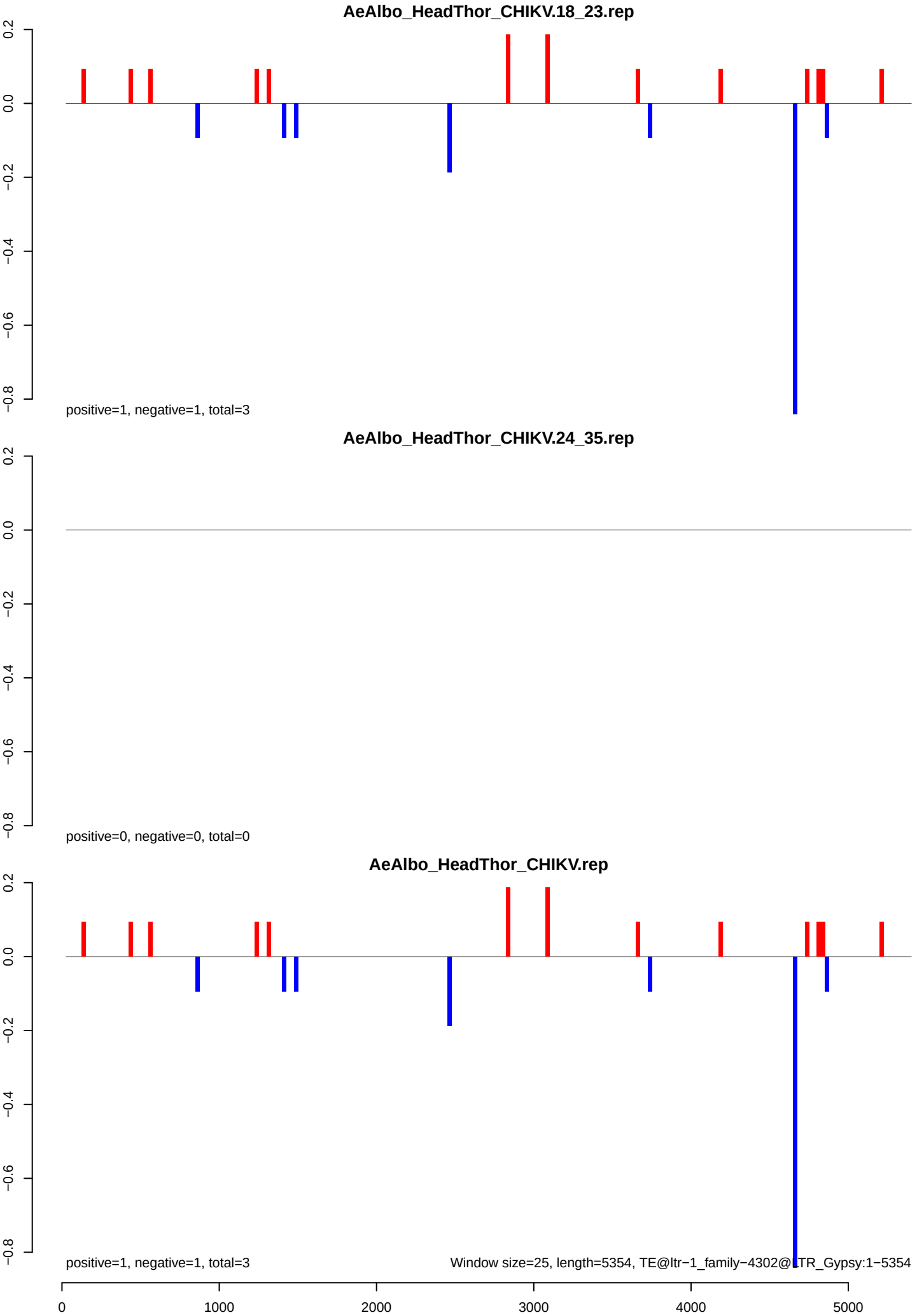

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=13, negative=1, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=1, total=14
Window size=25, length=4981, TE@ltr-1_family-4737@LTR_Gypsy:1-4981
0
2
4
6
8
10
12
0
1000
2000
3000
4000
5000

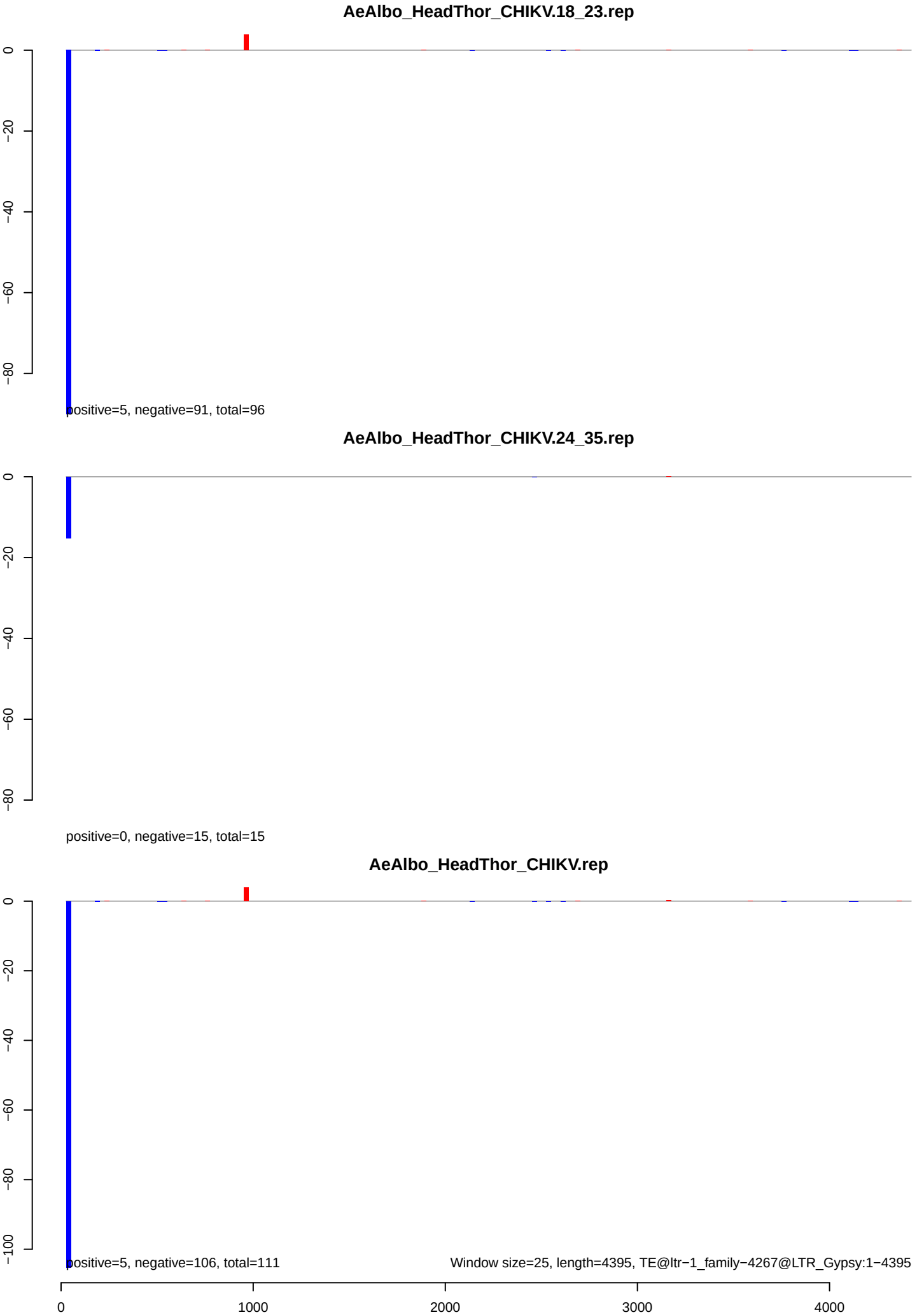

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=1, negative=48, total=49
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=1, negative=48, total=50
Window size=25, length=4873, TE@ltr−1_family−4643@LTR_Gypsy:1−4873
0
1000
2000
3000
4000
5000

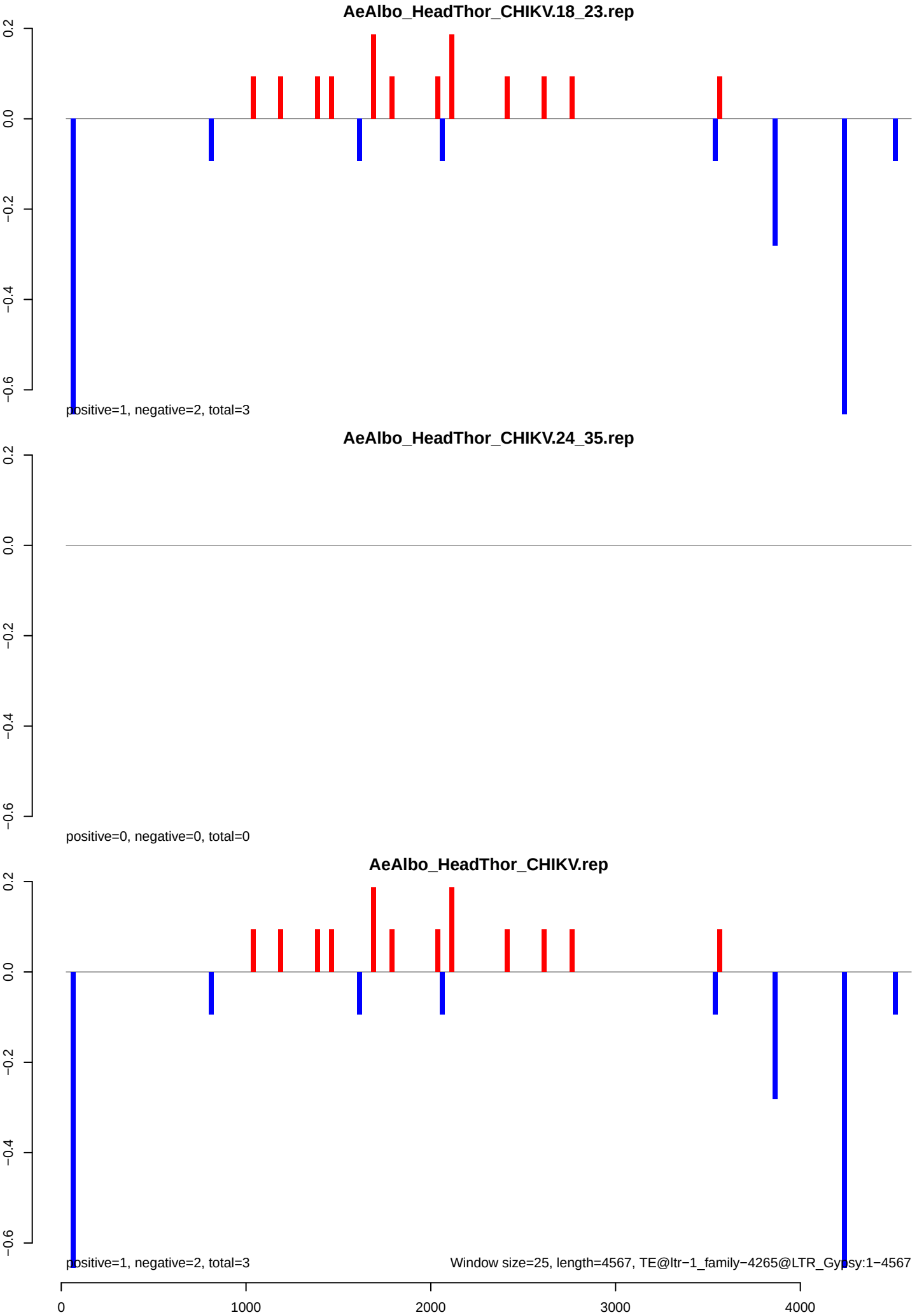

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=7, total=10
Window size=25, length=3402, TE@ltr−1_family−4586@LTR_Gypsy:1−3402
1
0
−1
−2
−3
−4
−5
0
500
1000
1500
2000
2500
3000
3500

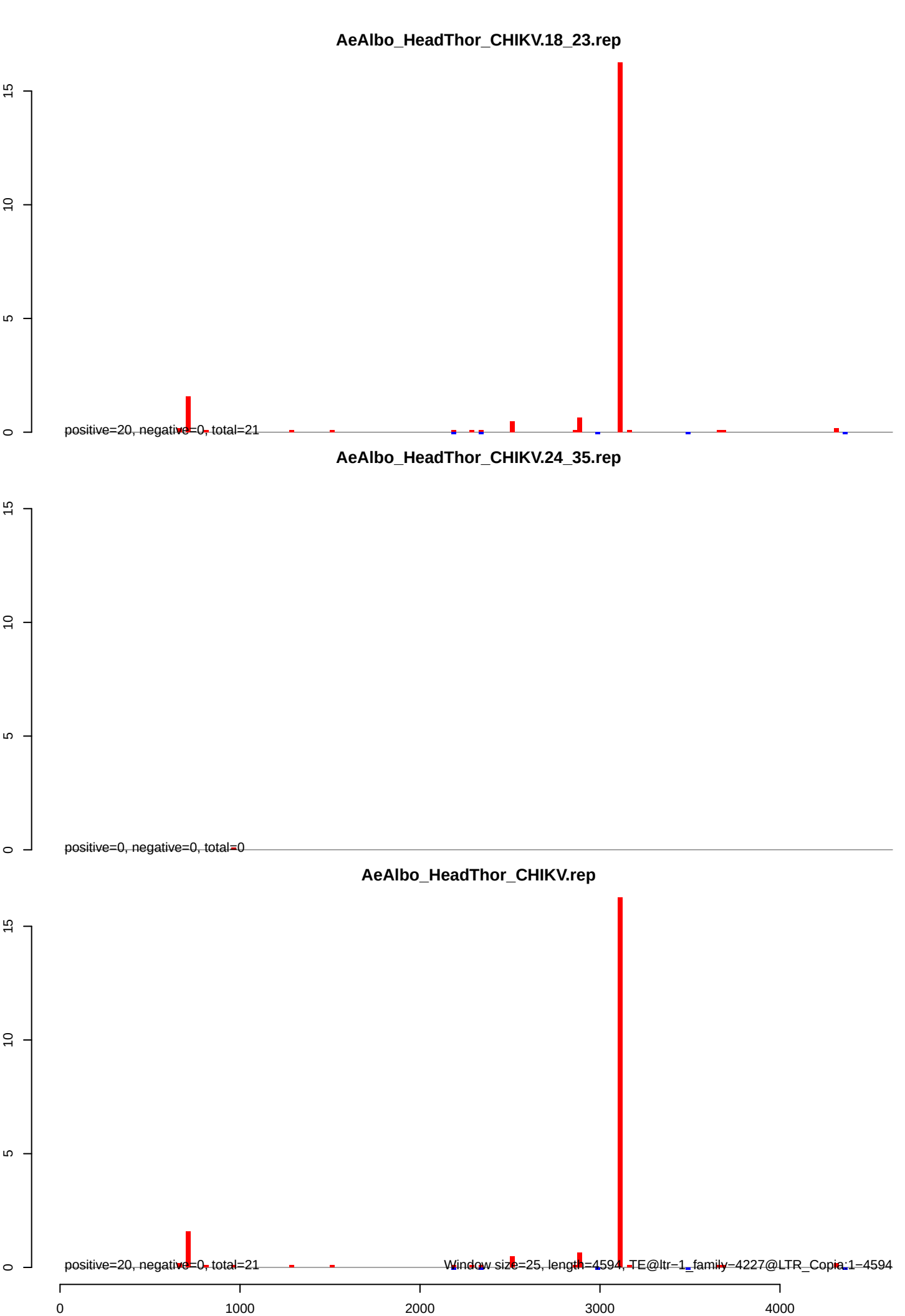

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=4, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=40, total=40
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=44, total=44
Window size=25, length=681, TE@ltr−1_family−4536@LTR_Gypsy:1−681
0
−1
−2
−3
−4
−5
−6
0
100
200
300
400
500
600
700

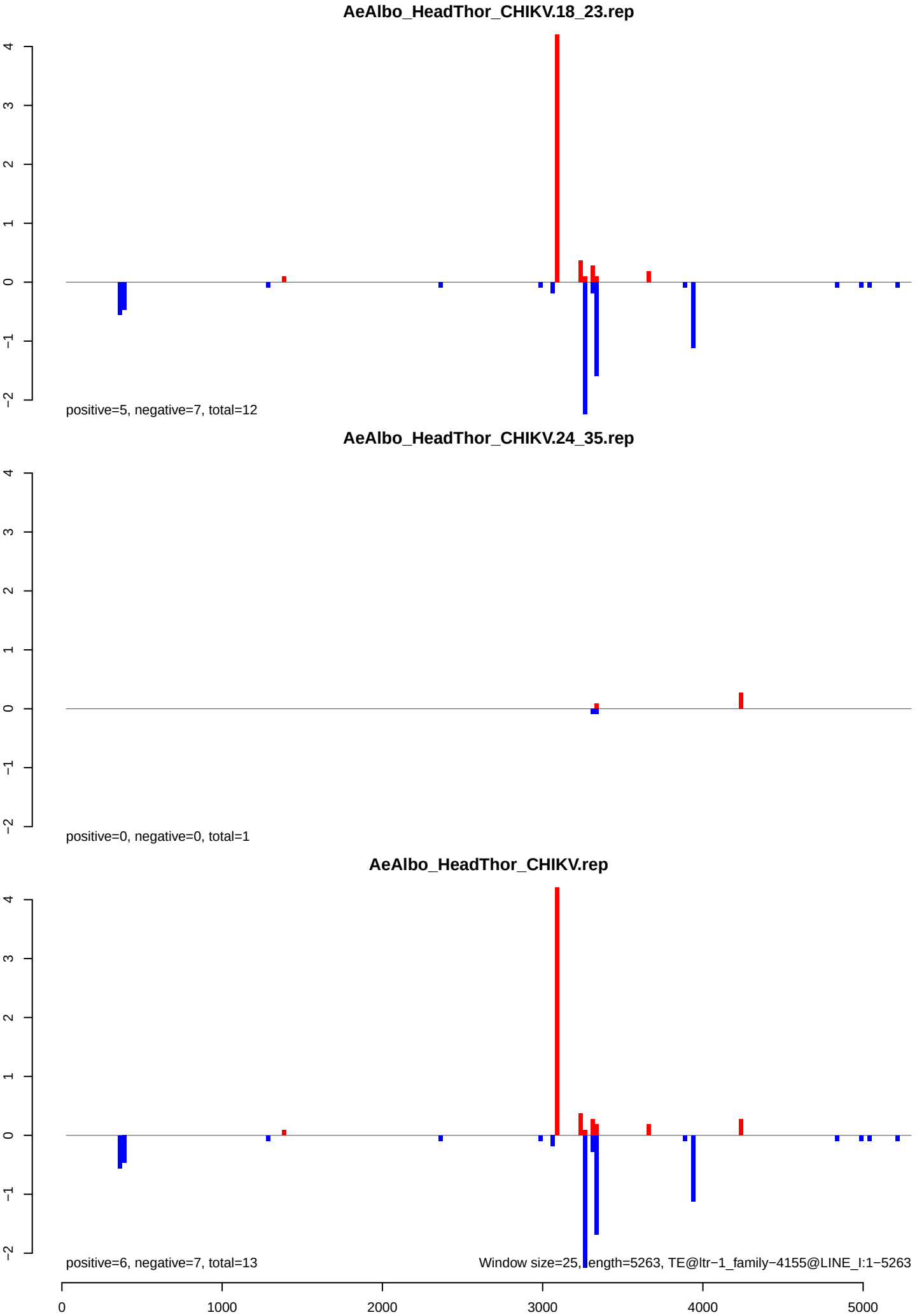

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=5207, TE@ltr−1_family−4404@LTR_Gypsy:1−5207
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000
5000

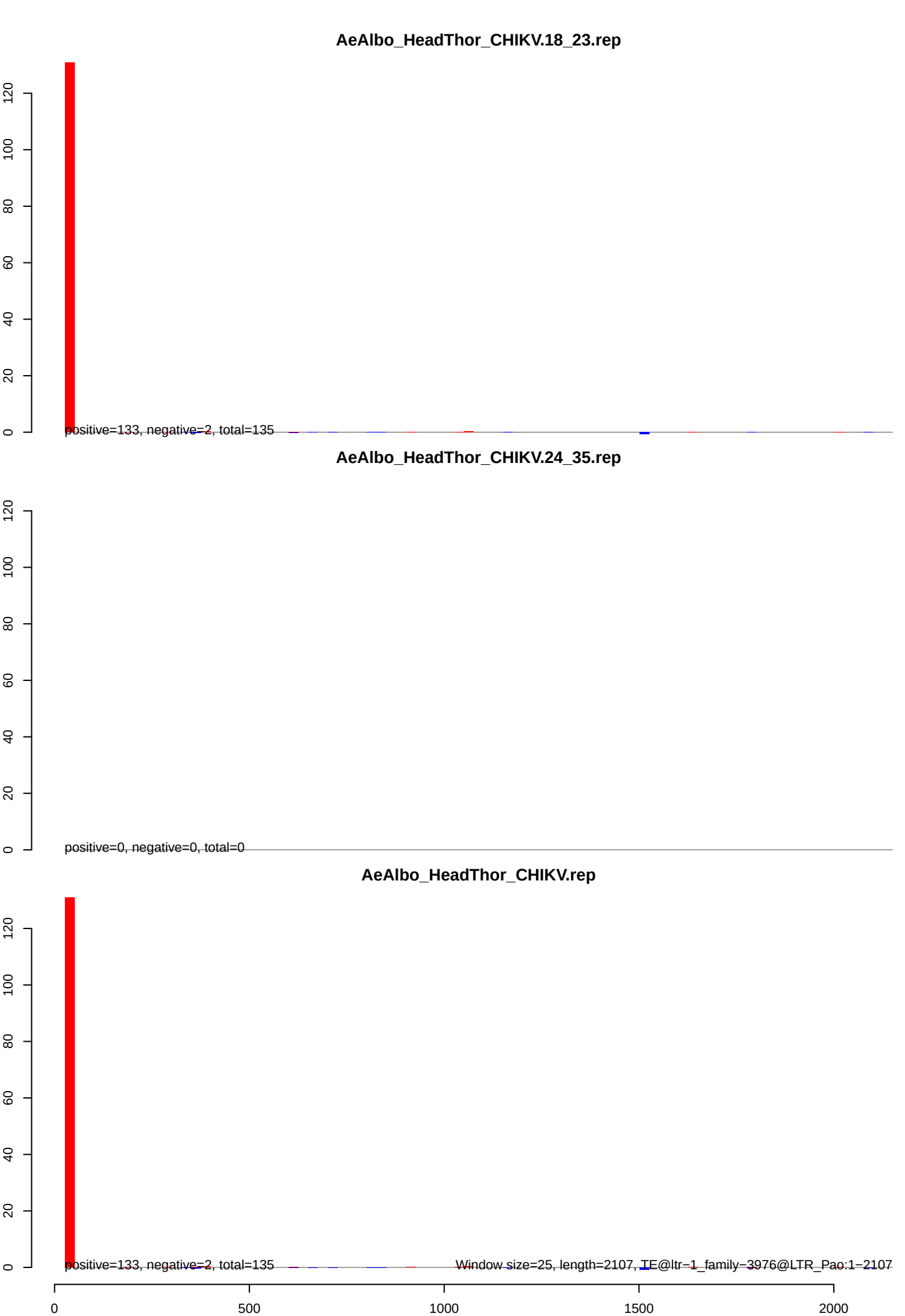

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=1, total=3
Window size=25, length=5354, TE@ltr−1_family−4302@LTR_Gypsy:1−5354
0
1000
2000
3000
4000
5000

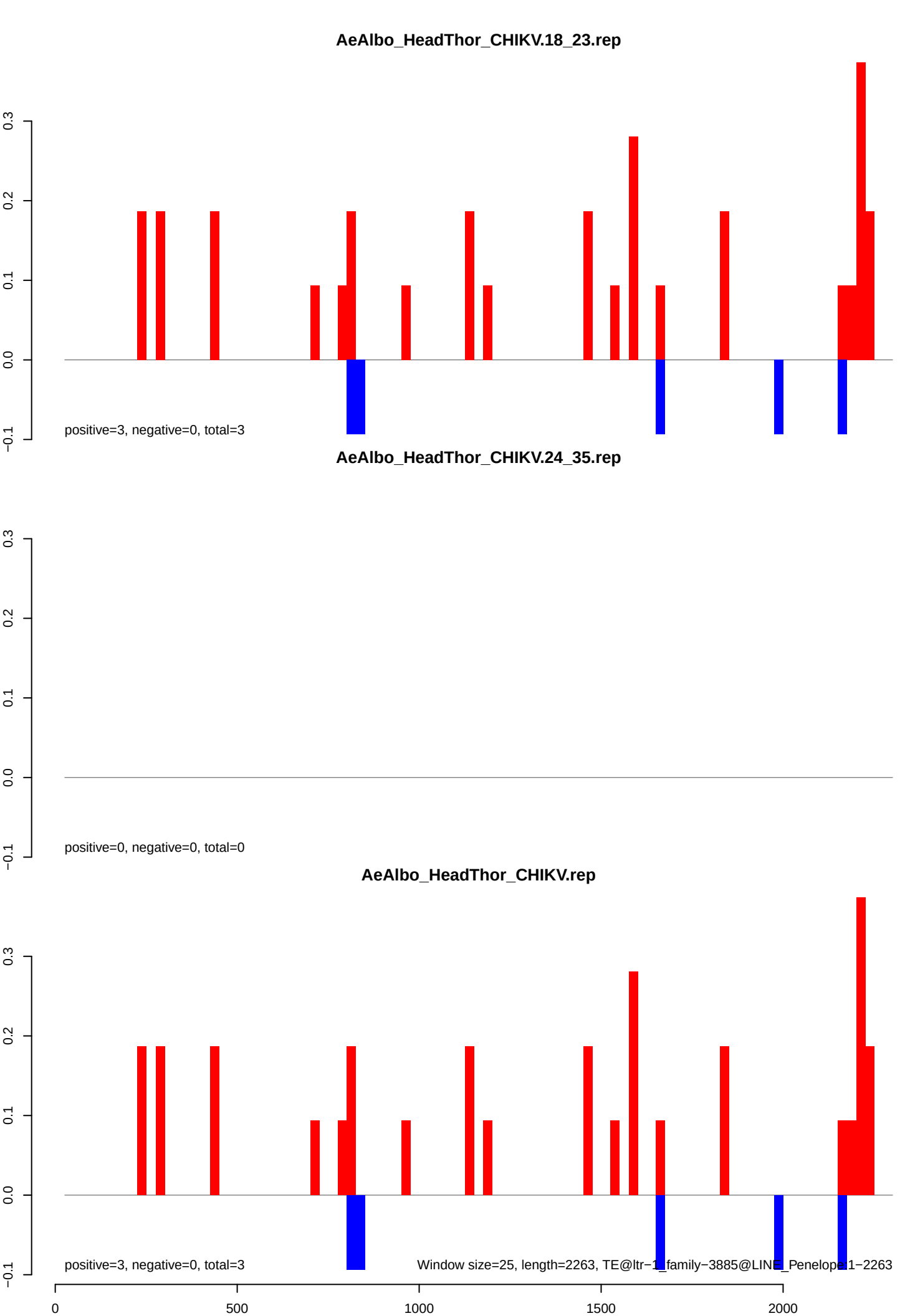

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
positive=5, negative=91, total=96
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
positive=0, negative=15, total=15
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=5, negative=106, total=111
Window size=25, length=4395, TE@ltr−1_family−4267@LTR_Gypsy:1−4395
0
1000
2000
3000
4000

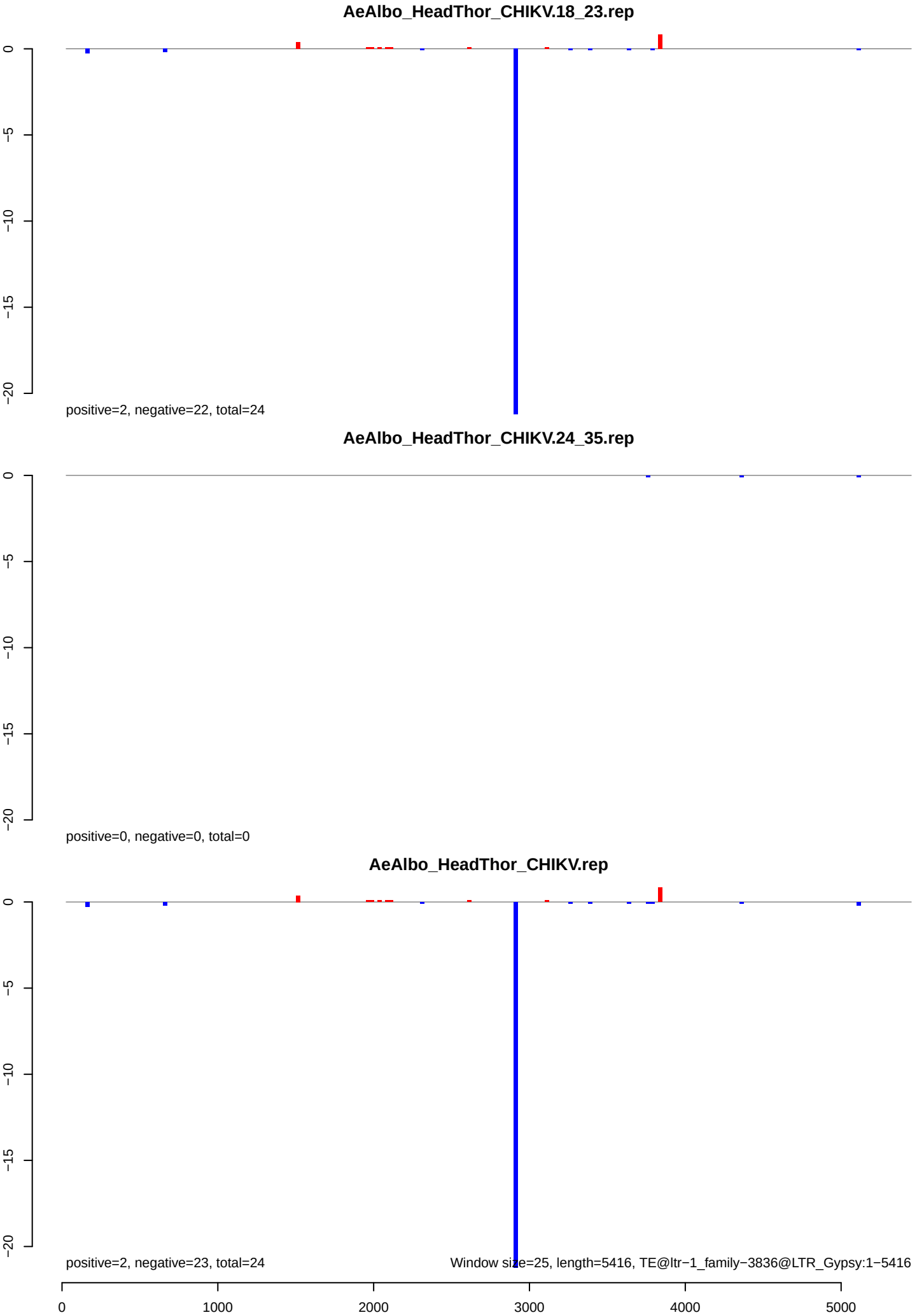

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
Window size=25, length=4567, TE@ltr−1_family−4265@LTR_Gypsy:1−4567
0
1000
2000
3000
4000

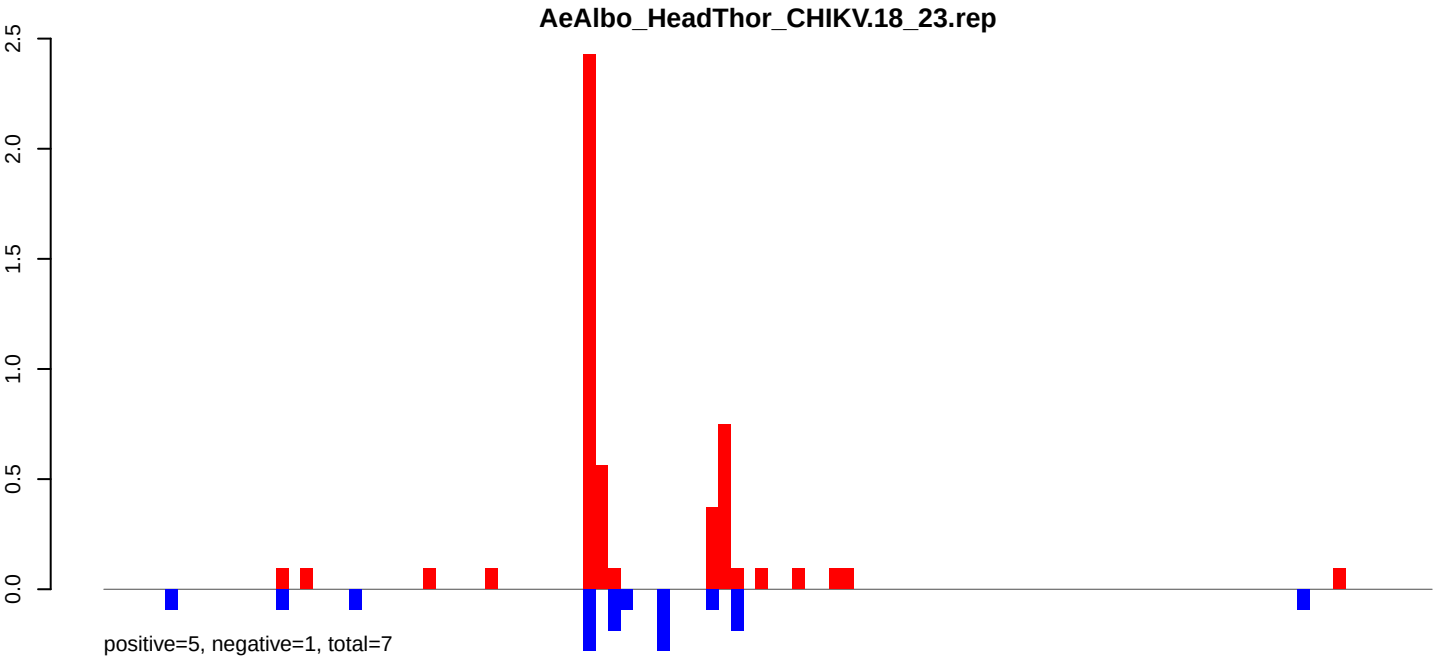

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=20, negative=0, total=21
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=20, negative=0, total=21
Window size=25, length=4594, TE@ltr=1_family=4227@LTR_Copia:1=4594
0
5
10
15
0
1000
2000
3000
4000

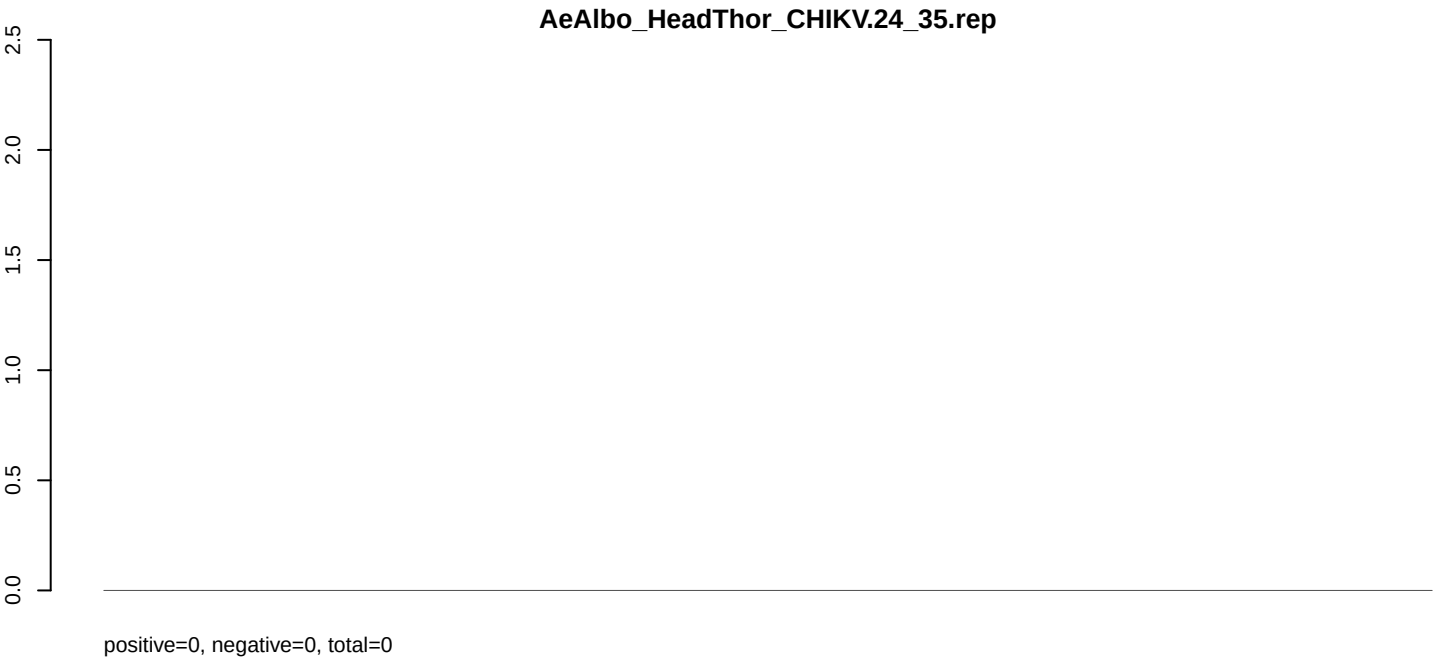

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=7, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=7, total=13
Window size=25, length=5263, TE@ltr−1_family−4155@LINE_I:1−5263
0
1000
2000
3000
4000
5000

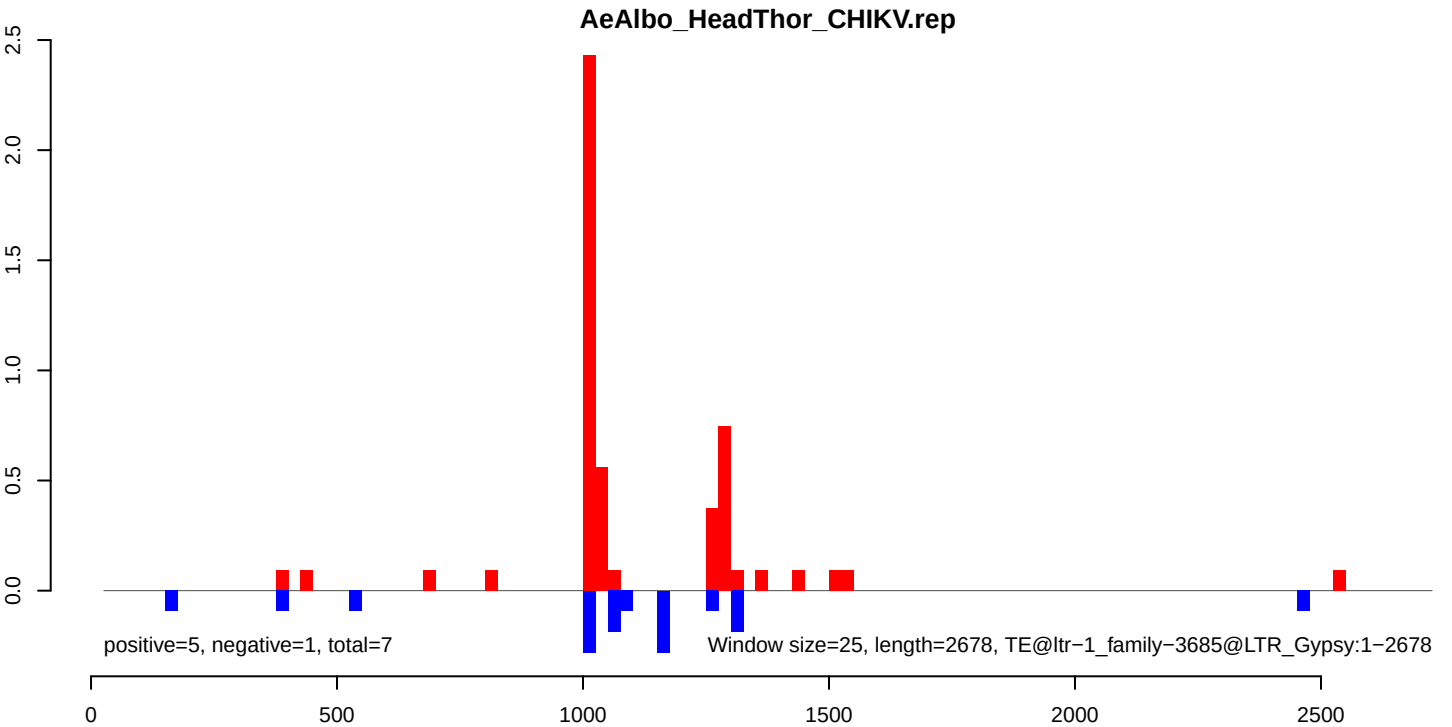

AeAlbo_HeadThor_CHIKV.18_23.rep
0
20
40
60
80
100
120
positive=133, negative=2, total=135
AeAlbo_HeadThor_CHIKV.24_35.rep
0
20
40
60
80
100
120
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
20
40
60
80
100
120
positive=133, negative=2, total=135
Window size=25, length=2107, TE@ltr−1_family−3976@LTR_Pao:1−2107
0
500
1000
1500
2000

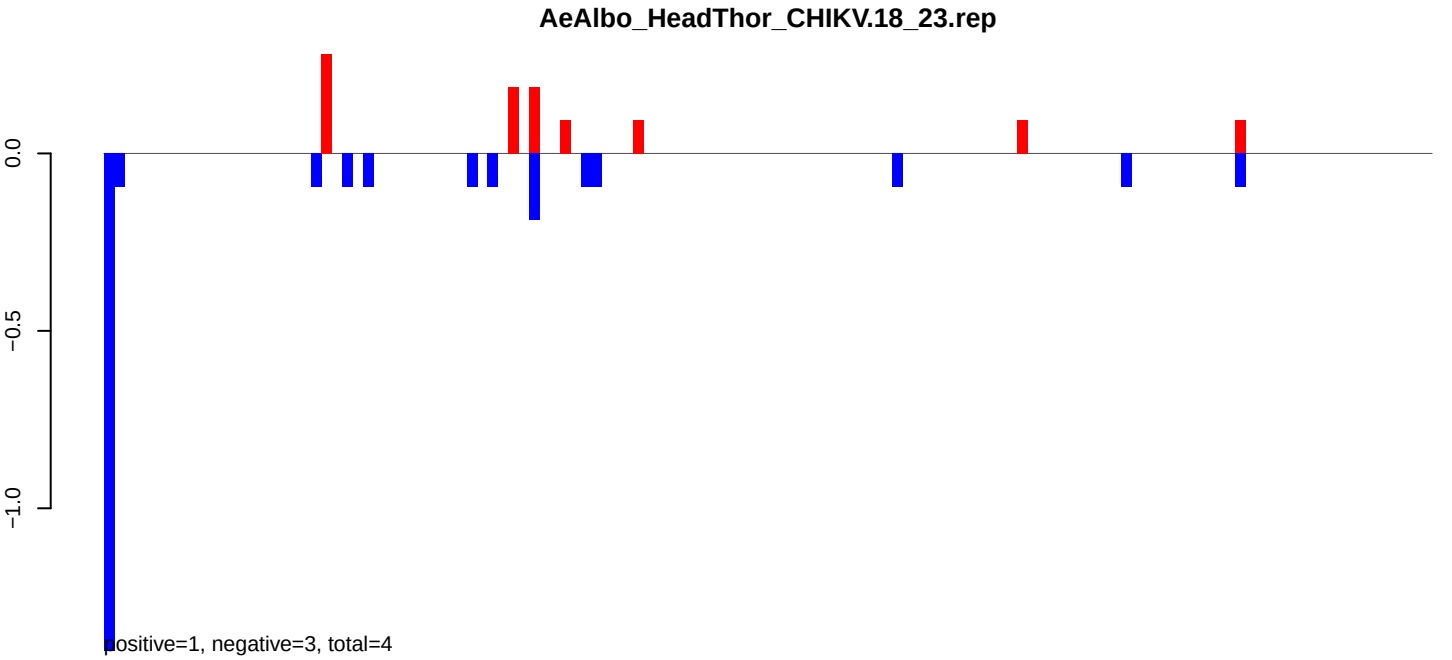

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=3, negative=0, total=3
Window size=25, length=2263, TE@ltr−1_family−3885@LINE_Penelope1−2263
0
500
1000
1500
2000

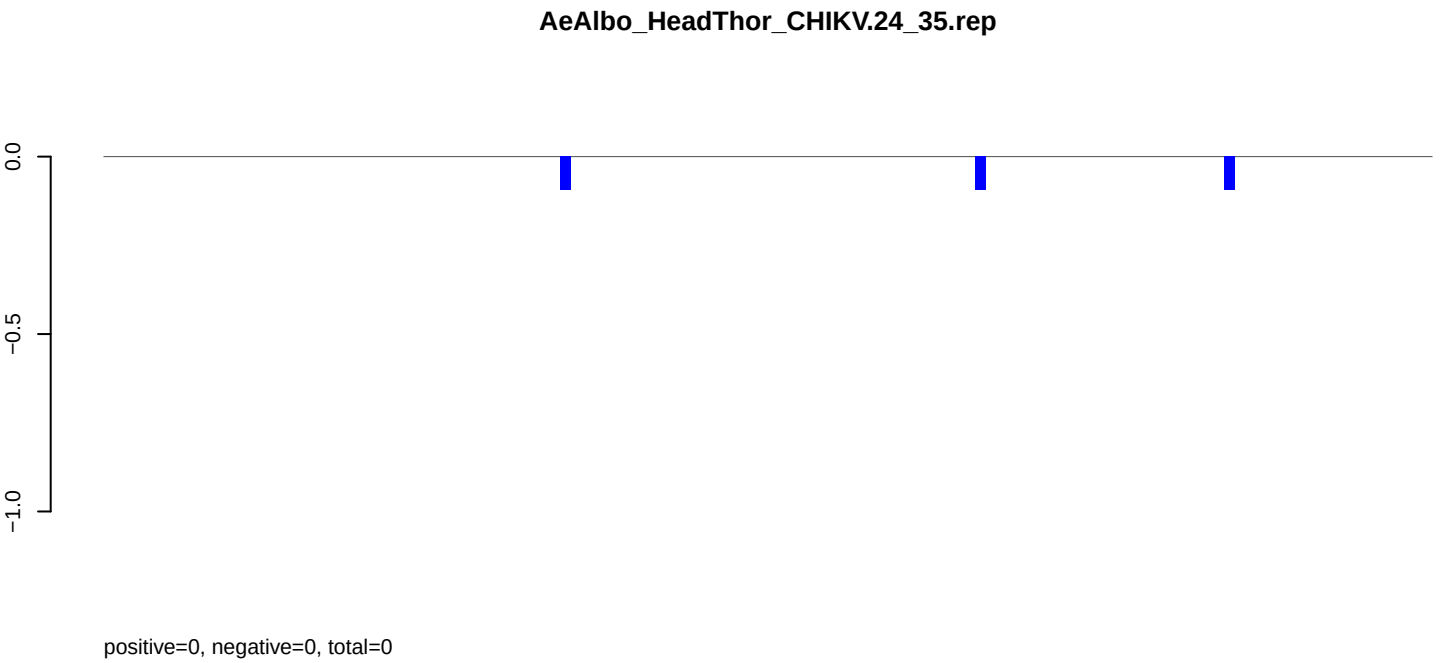

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=22, total=24
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=23, total=24
Window size=25, length=5416, TE@ltr−1_family−3836@LTR_Gypsy:1−5416
0
1000
2000
3000
4000
5000

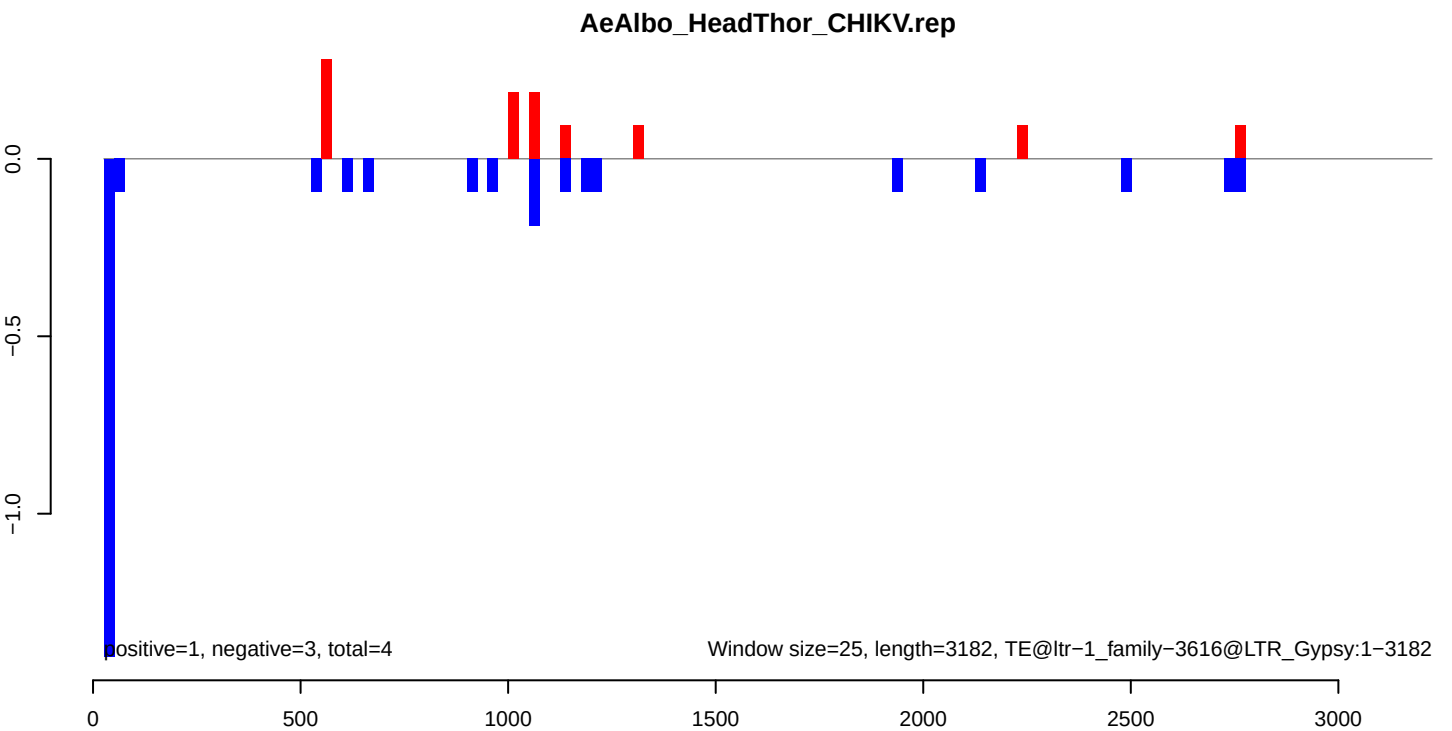

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=5, negative=1, total=7

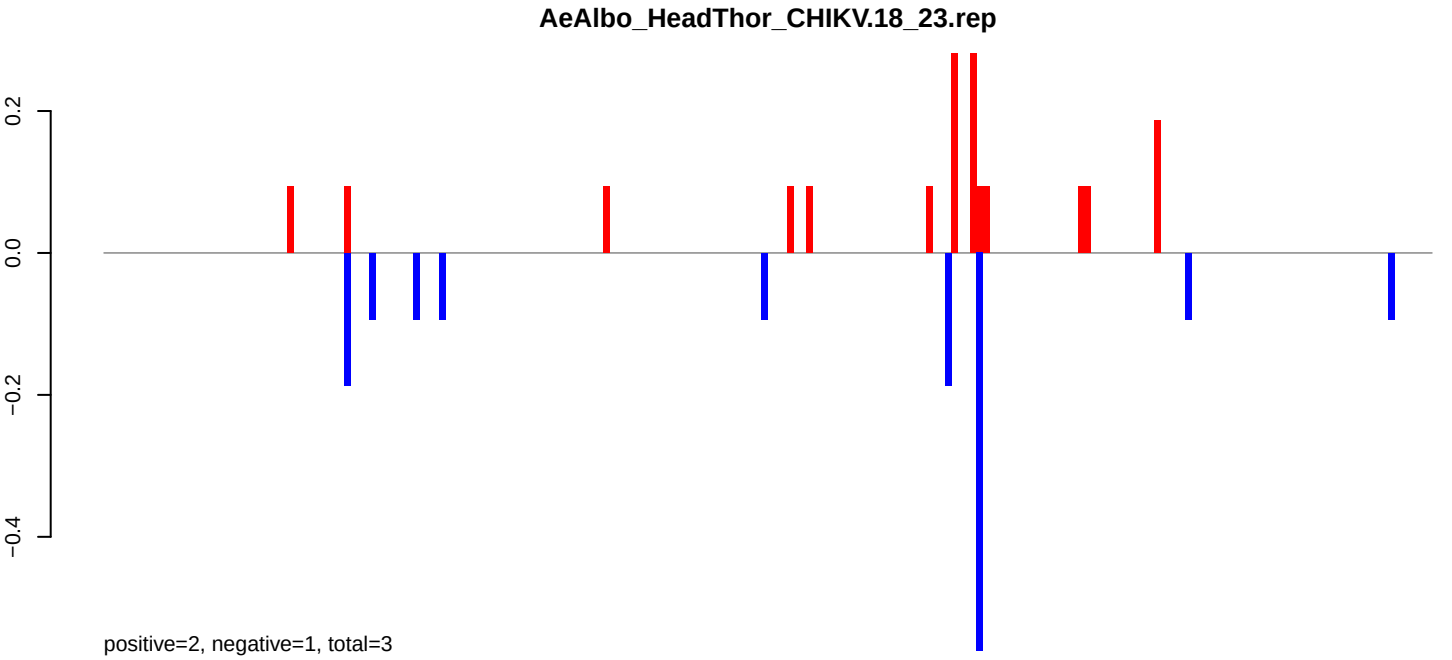

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=5, negative=1, total=7
Window size=25, length=2678, TE@ltr−1_family−3685@LTR_Gypsy:1−2678
0
500
1000
1500
2000
2500

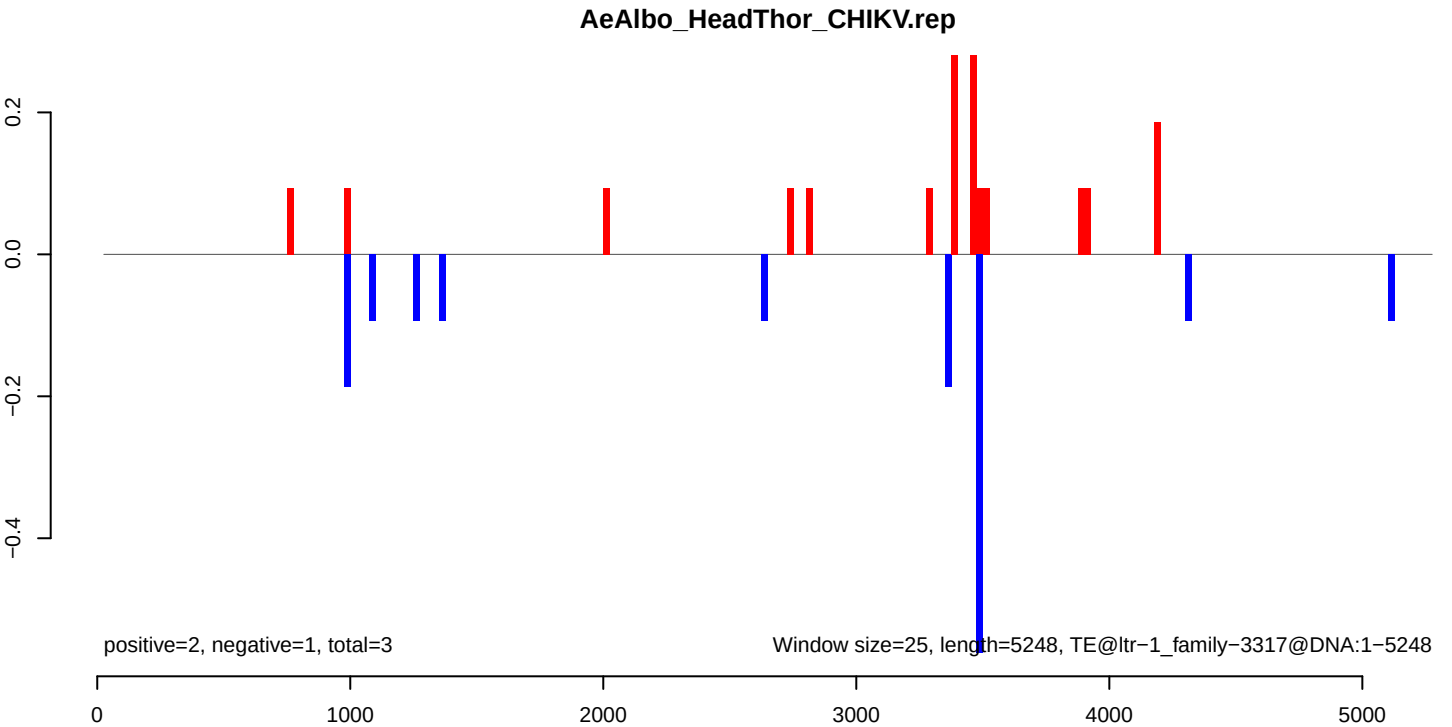

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=1, negative=3, total=4

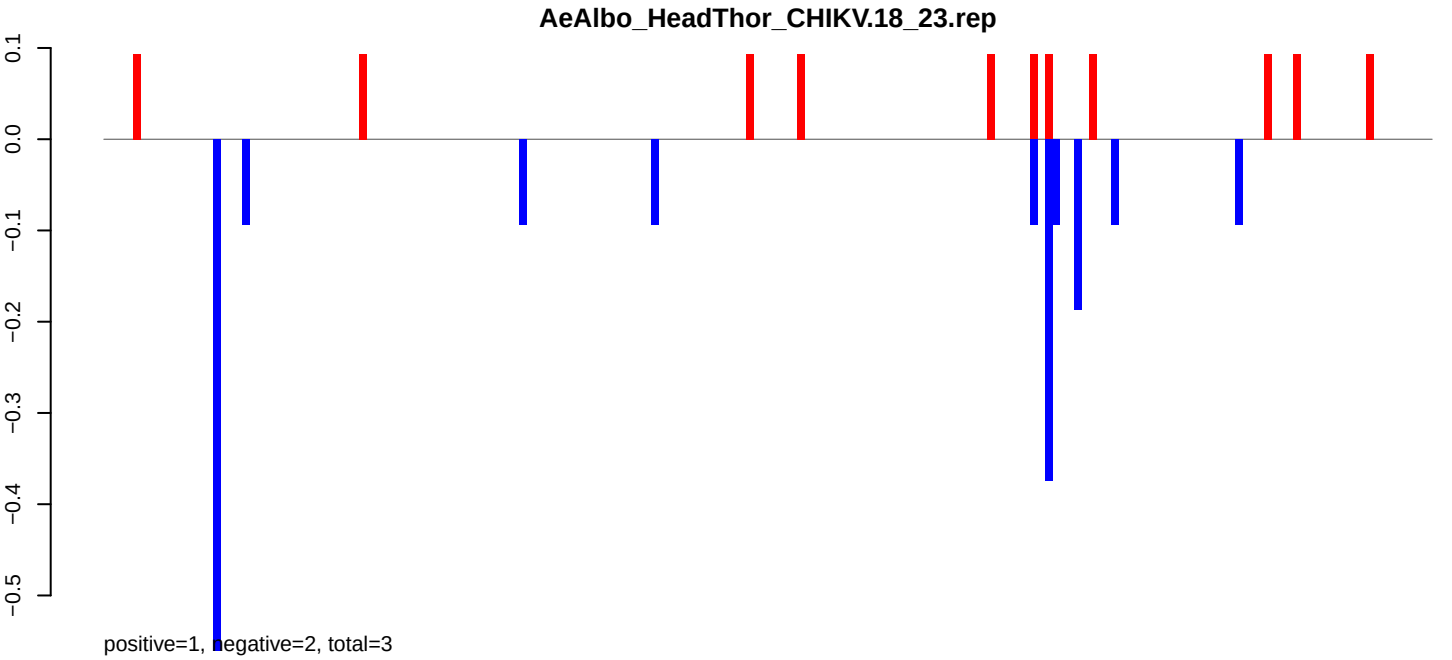

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0

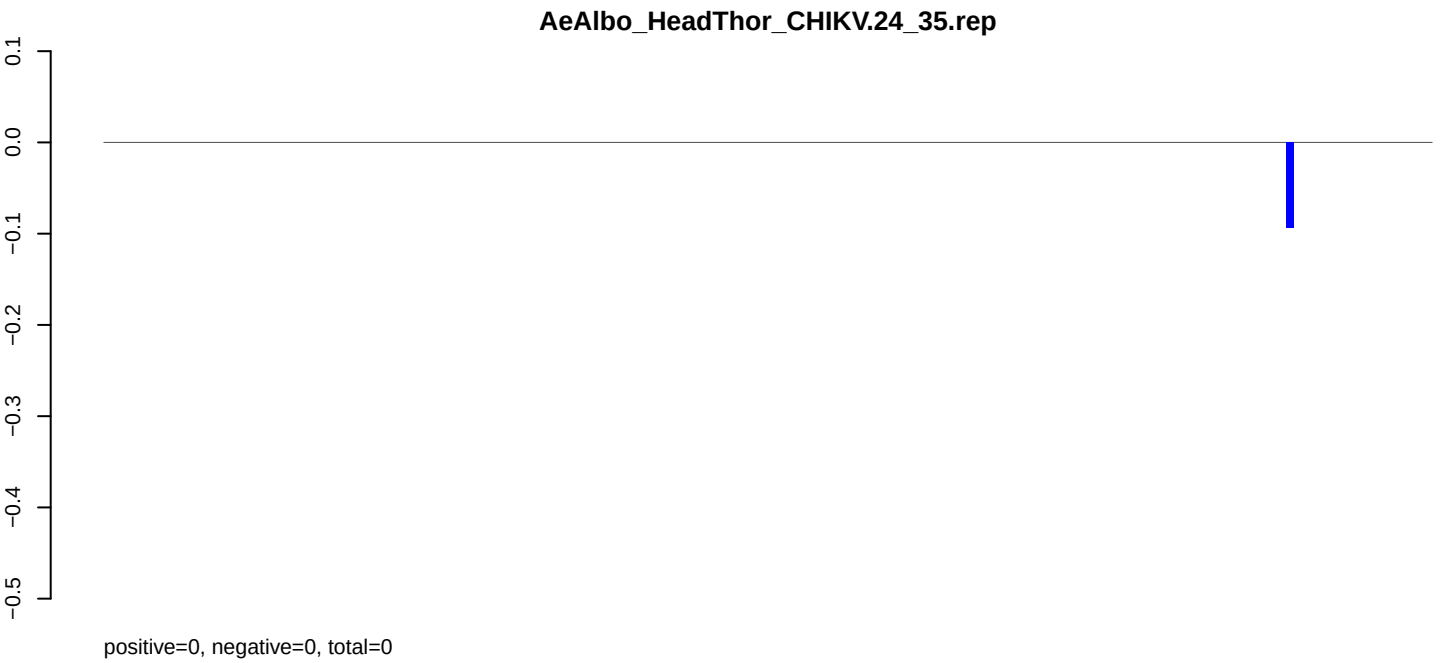

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=1, negative=3, total=4
Window size=25, length=3182, TE@ltr−1_family−3616@LTR_Gypsy:1−3182
0
500
1000
1500
2000
2500
3000

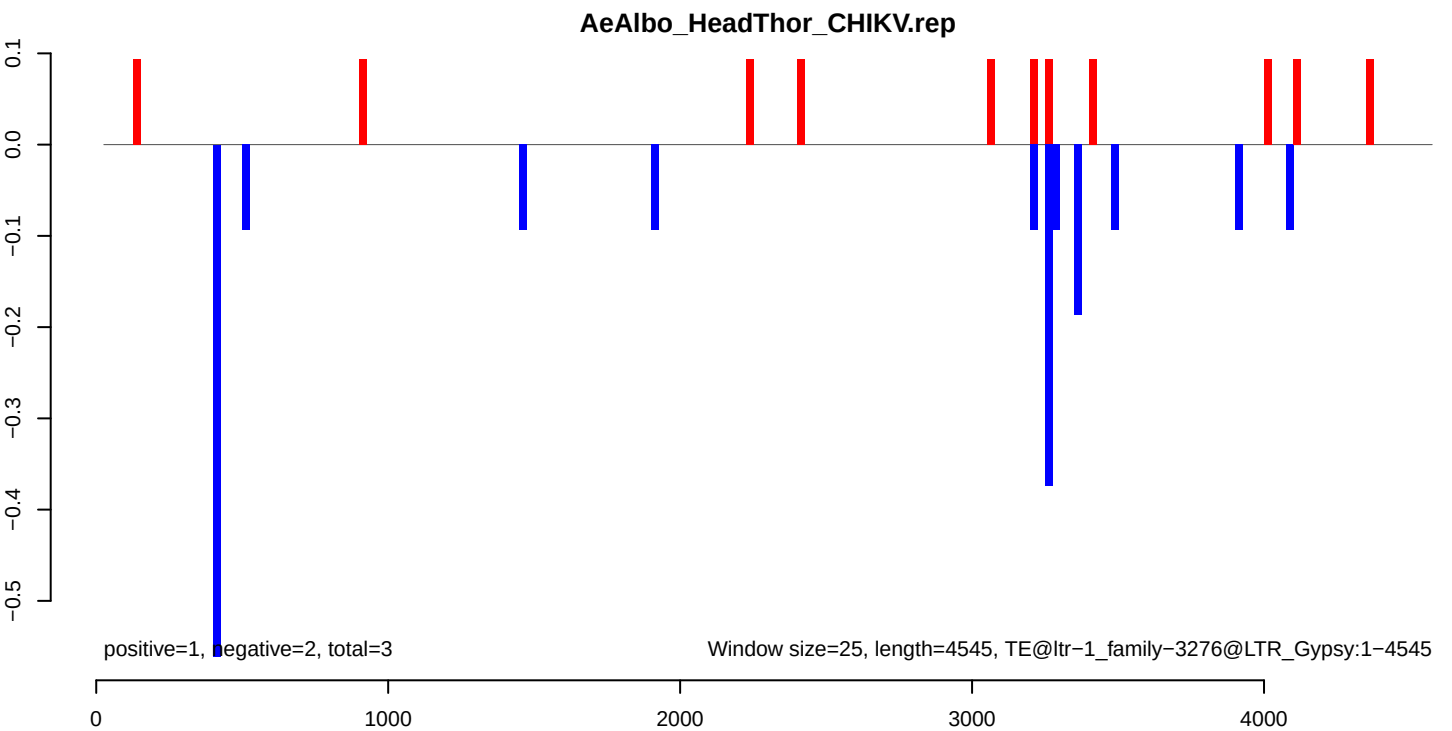

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3

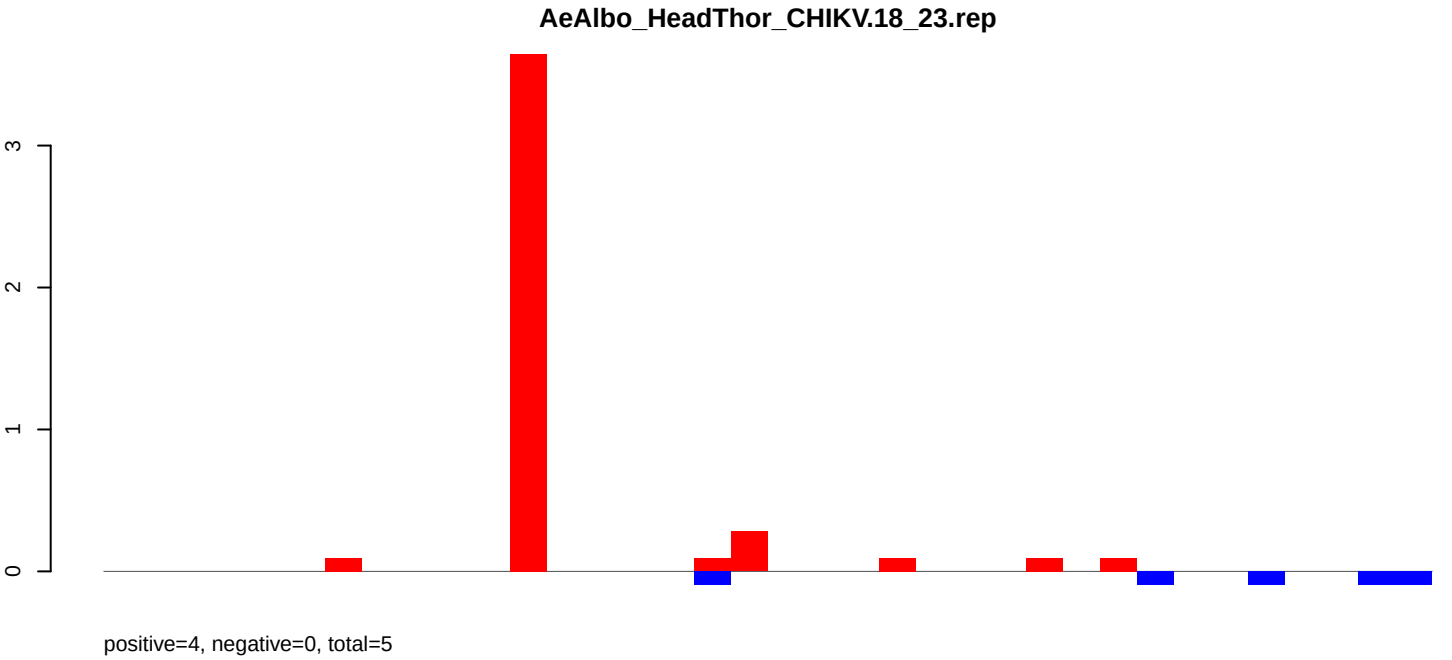
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

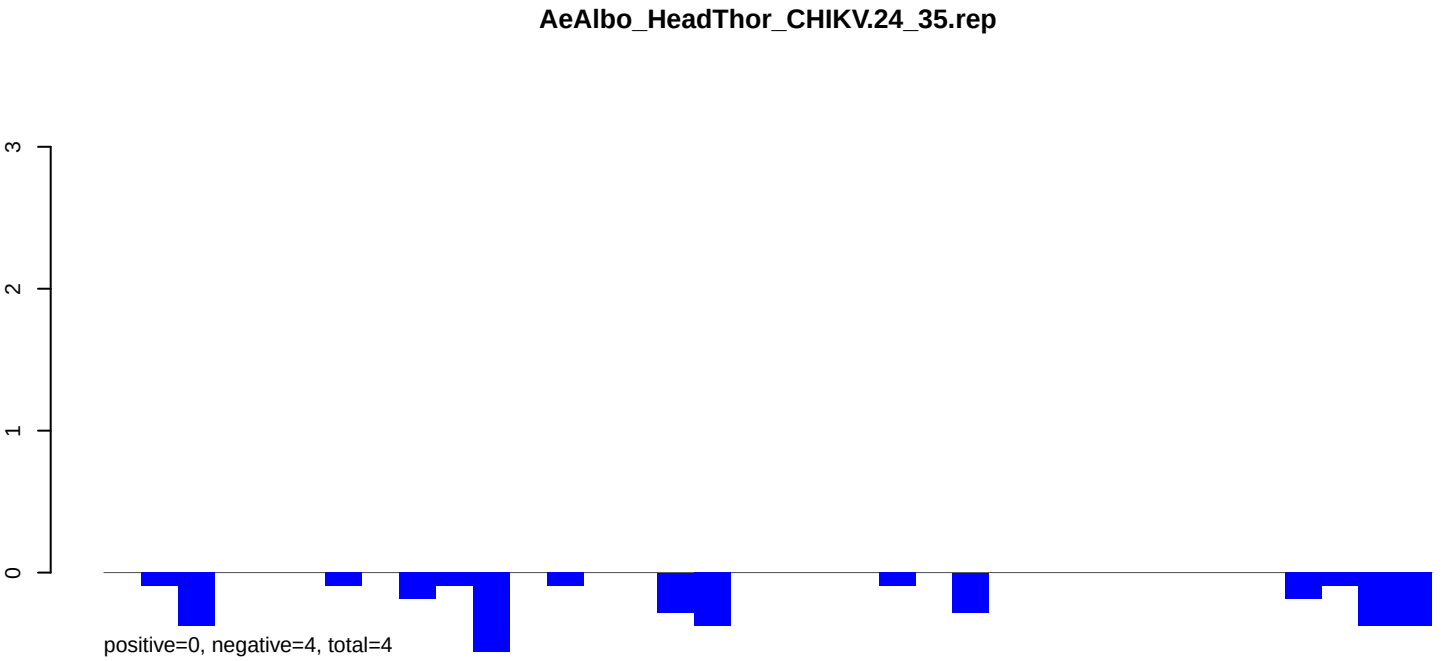

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
Window size=25, length=5248, TE@ltr−1_family−3317@DNA:1−5248
0
1000
2000
3000
4000
5000

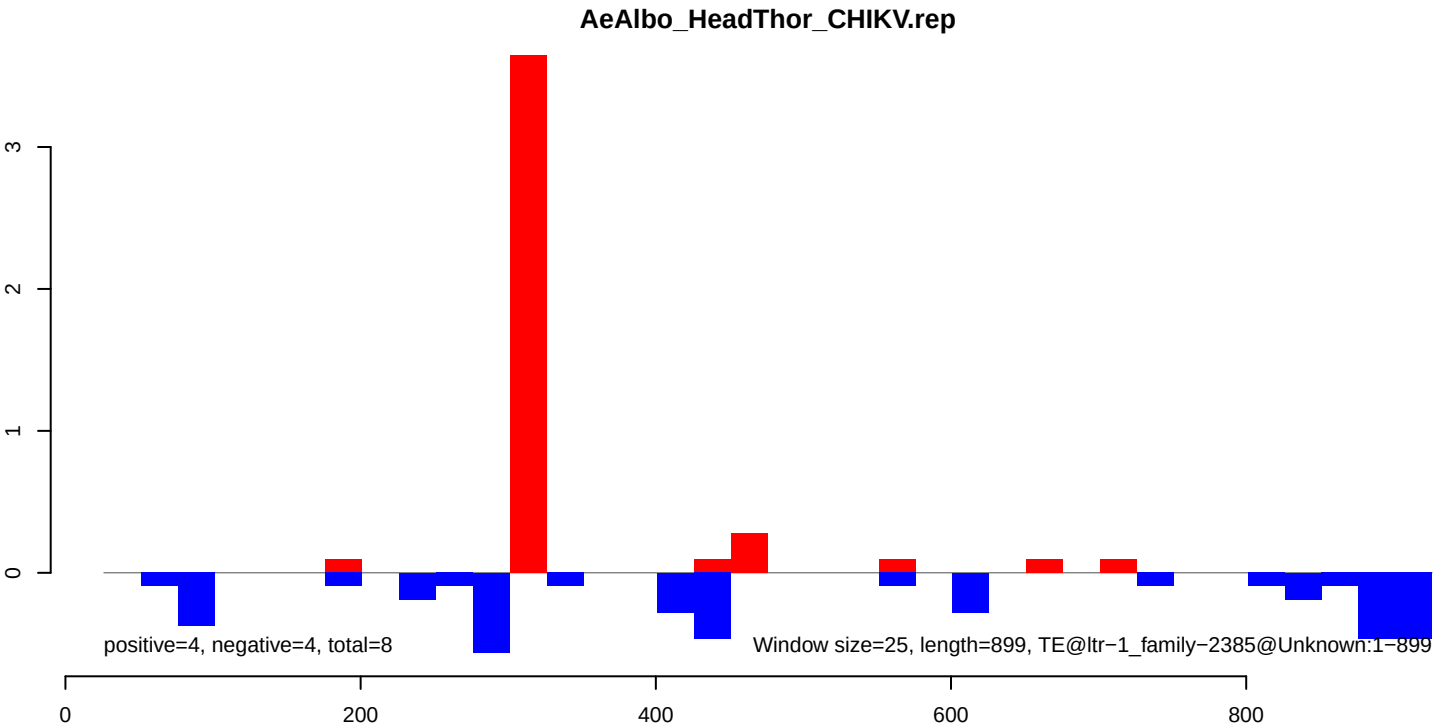

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=1, negative=2, total=3

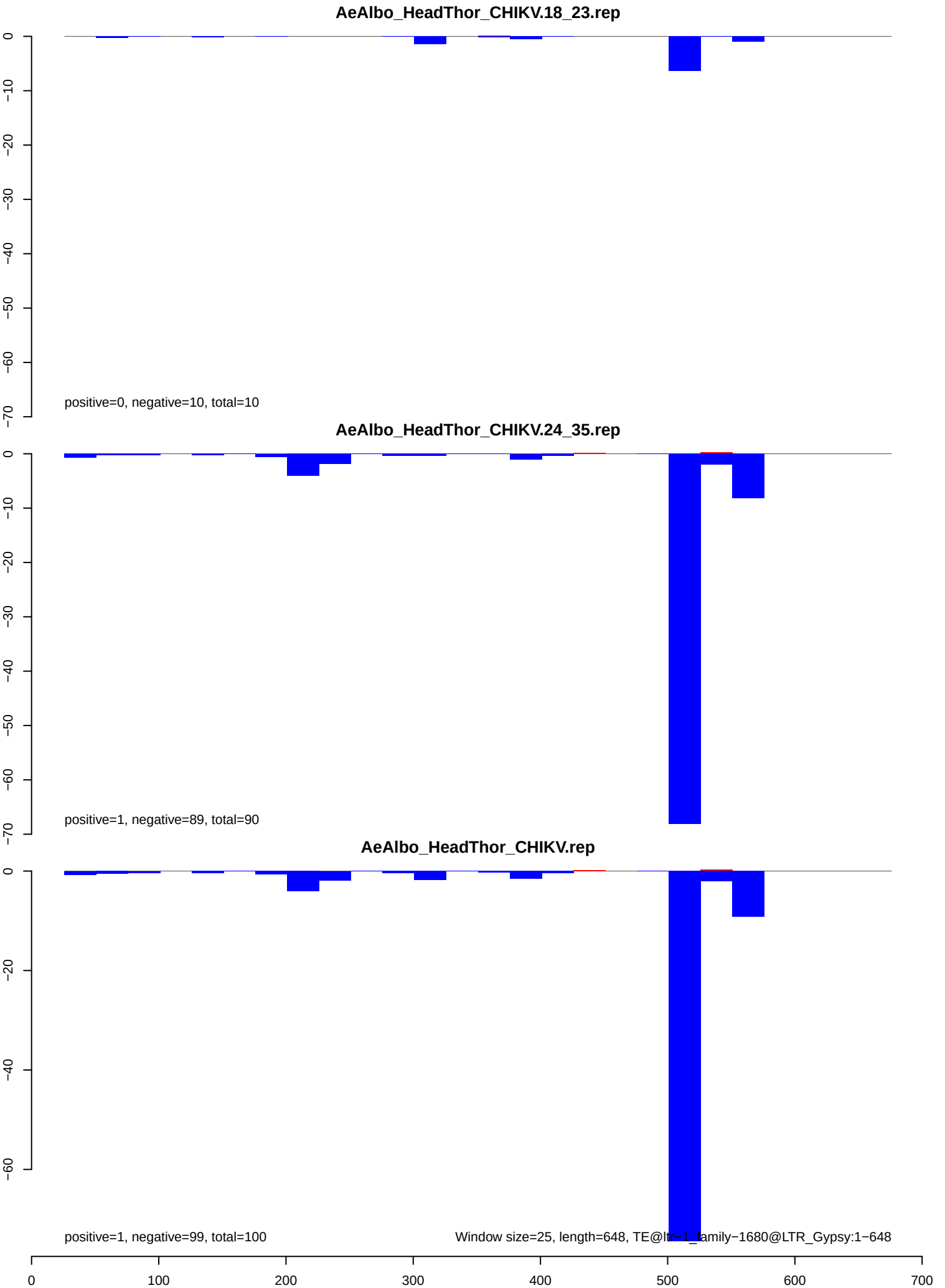

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0

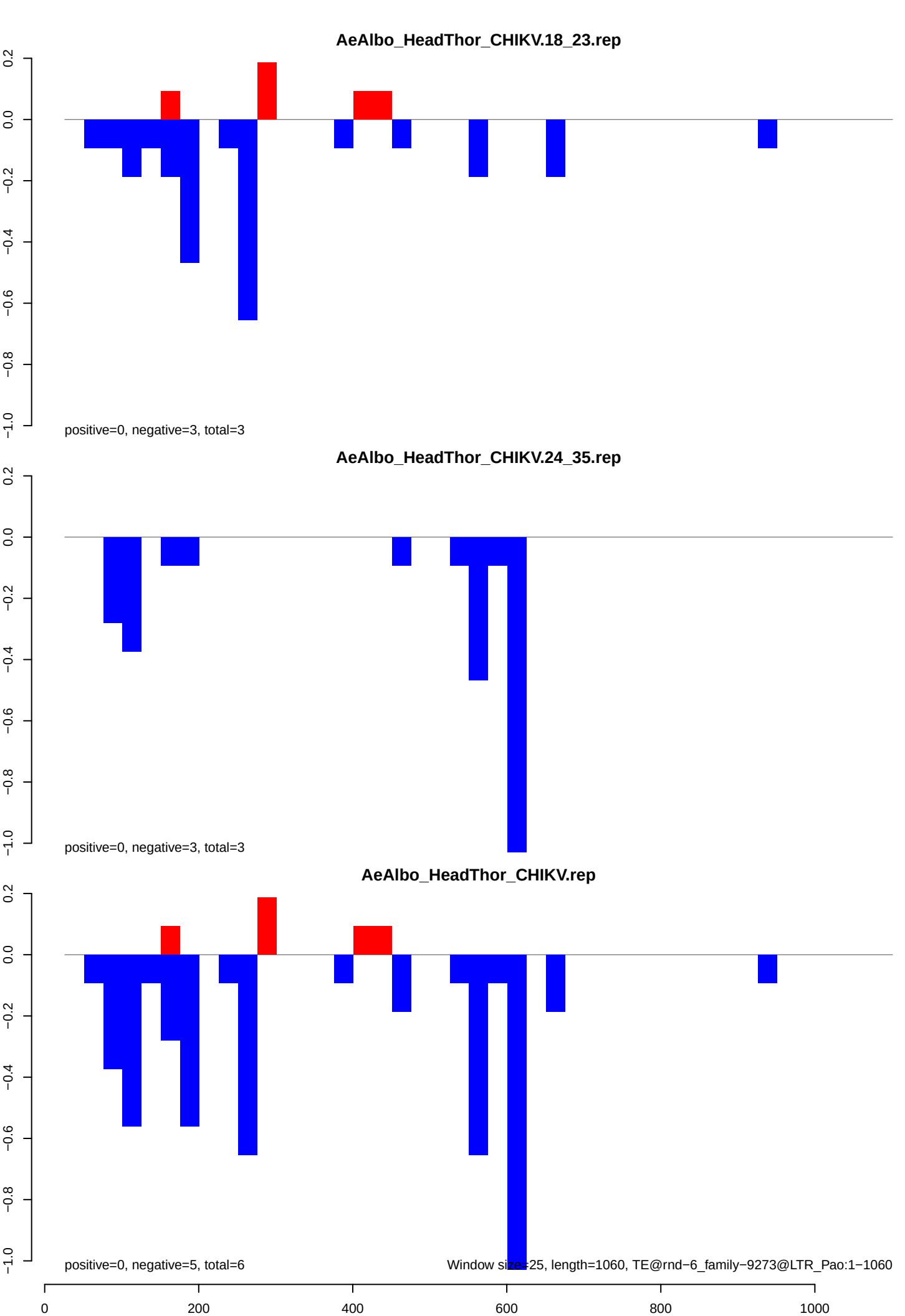

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=1, negative=2, total=3
Window size=25, length=4545, TE@ltr−1_family−3276@LTR_Gypsy:1−4545
0
1000
2000
3000
4000

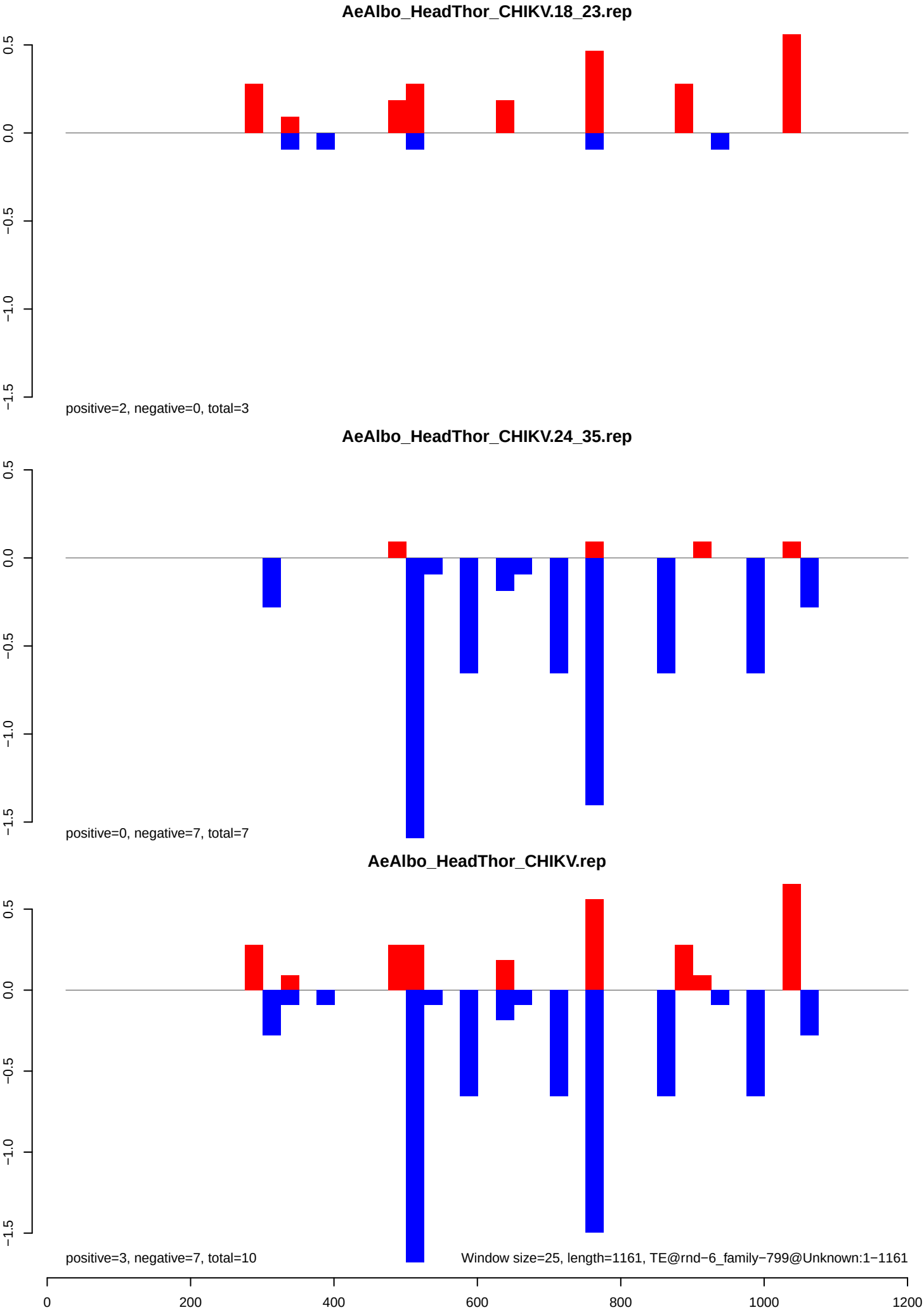

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=4, negative=0, total=5

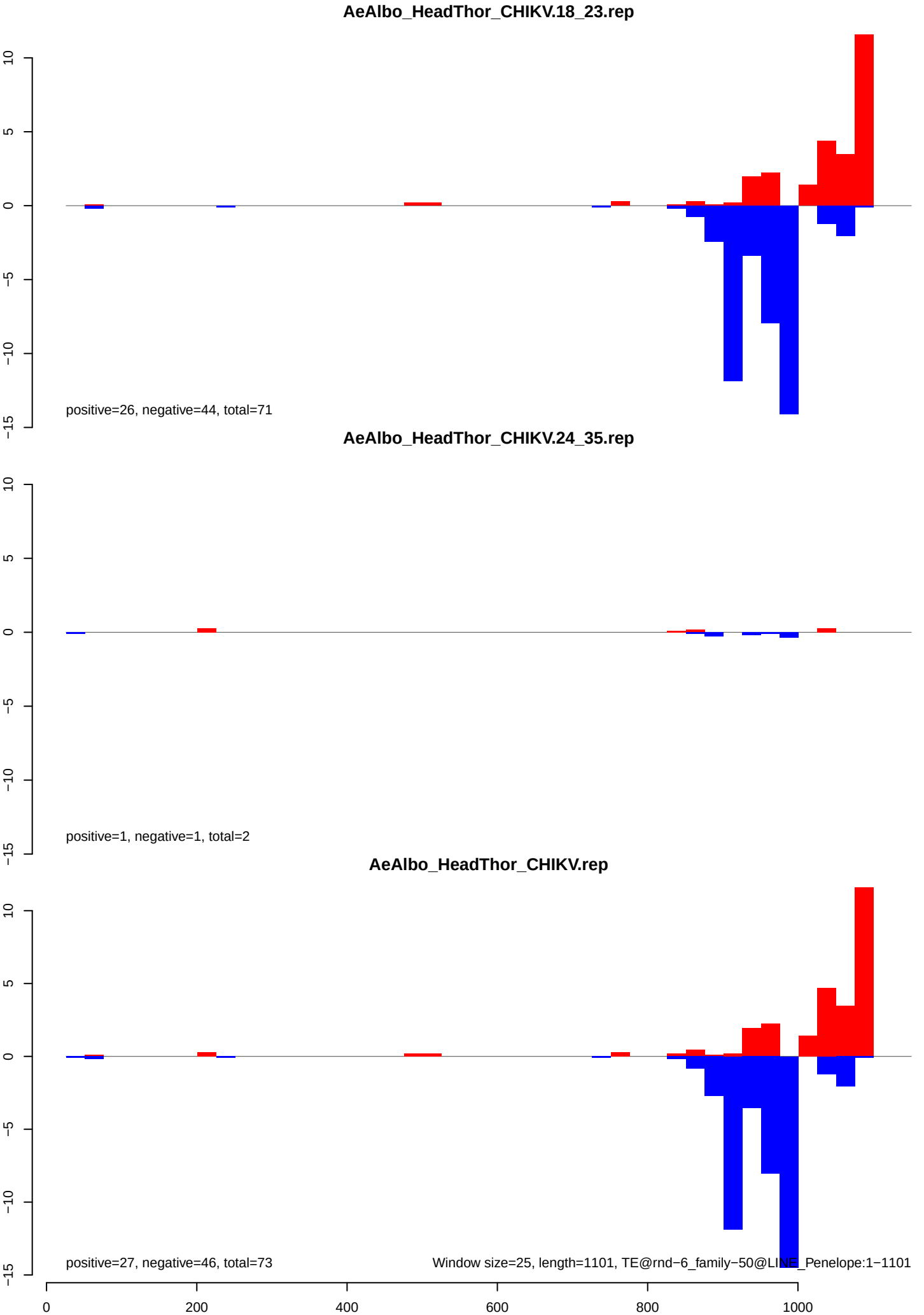

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=0, negative=4, total=4

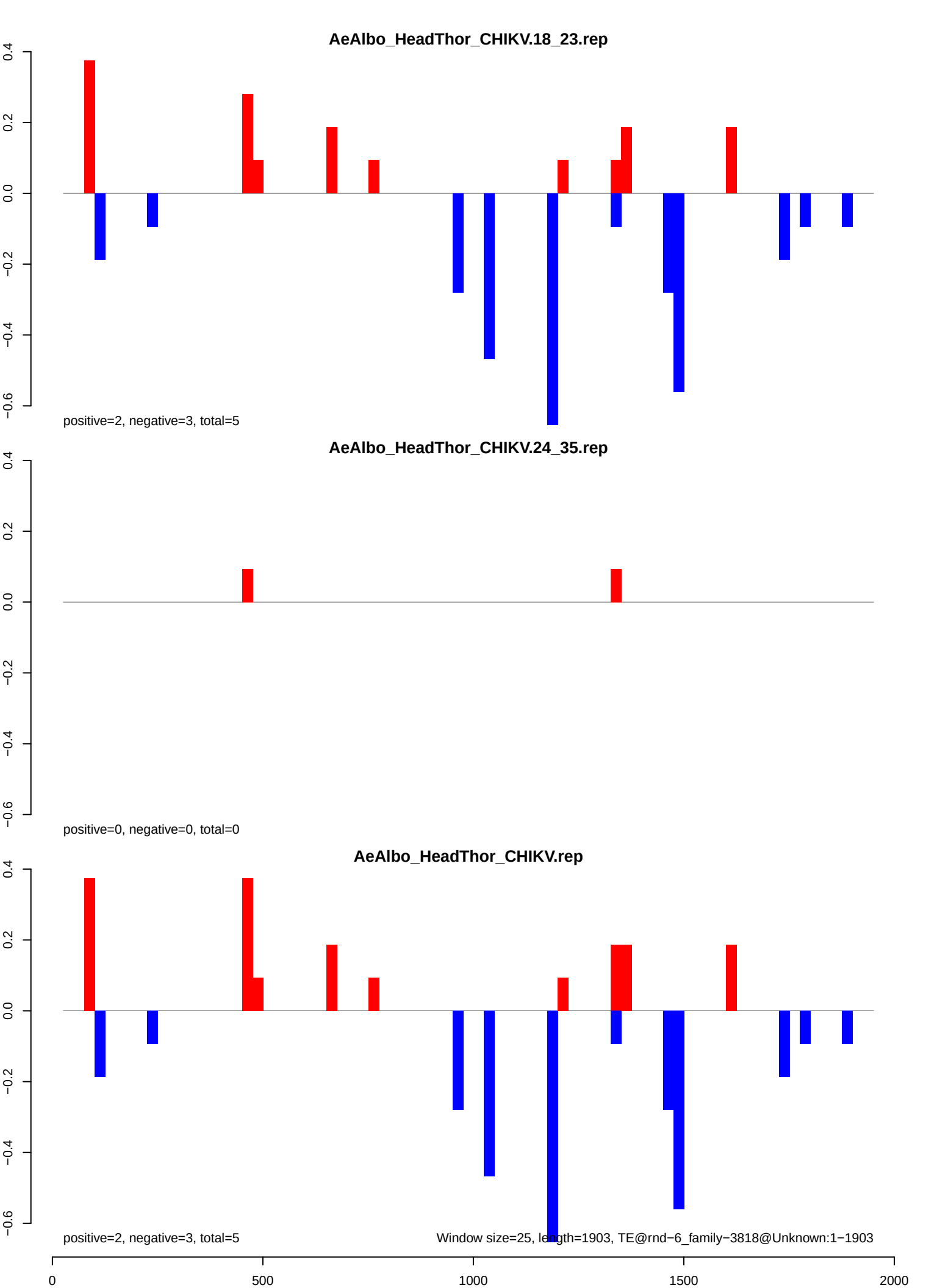

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=4, negative=4, total=8
Window size=25, length=899, TE@ltr−1_family−2385@Unknown:1−899
0
200
400
600
800

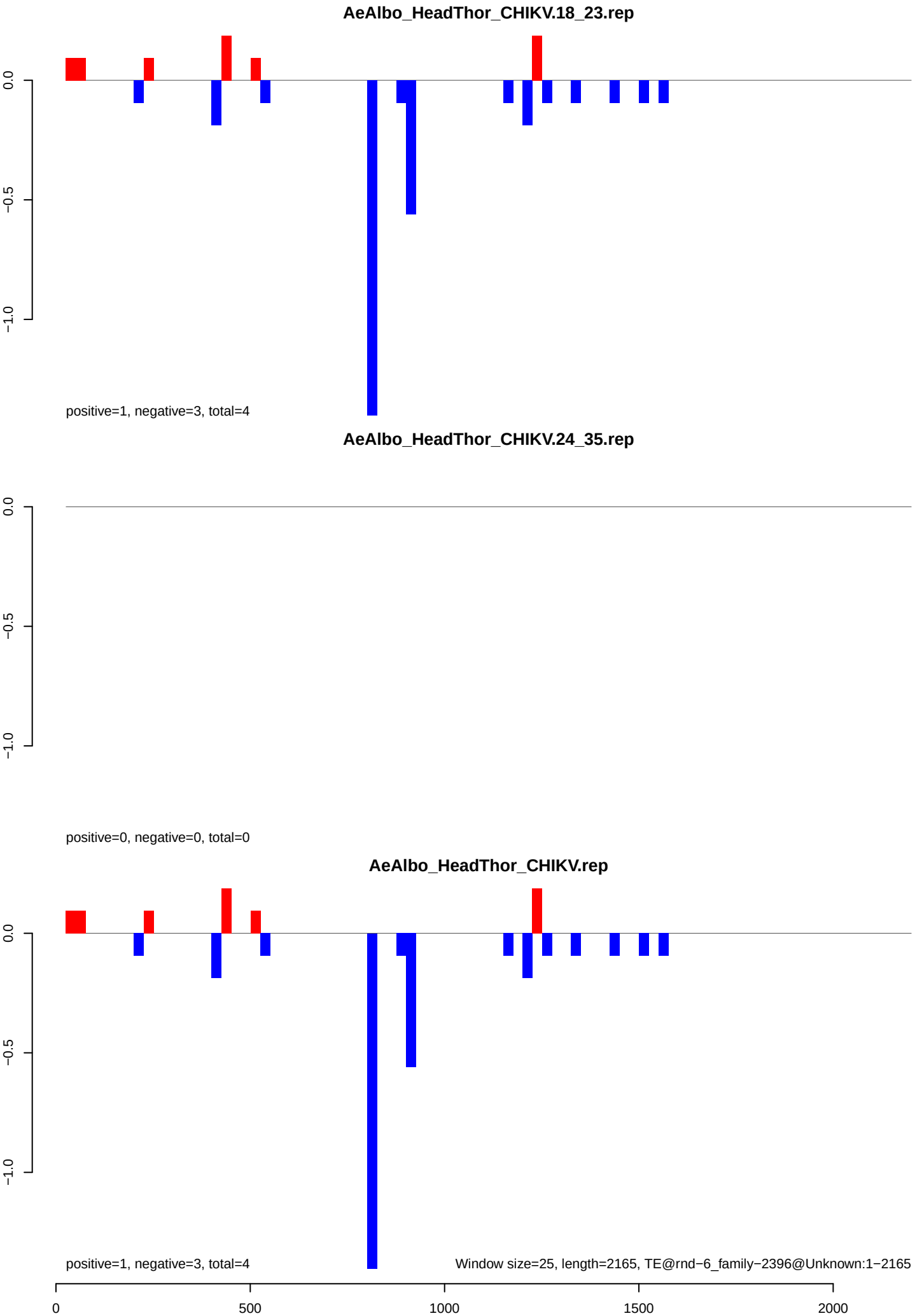

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
−60
−70
positive=0, negative=10, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
−50
−60
−70
positive=1, negative=89, total=90
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
positive=1, negative=99, total=100
Window size=25, length=648, TE@ltr−1_family−1680@LTR_Gypsy:1−648
0
100
200
300
400
500
600
700

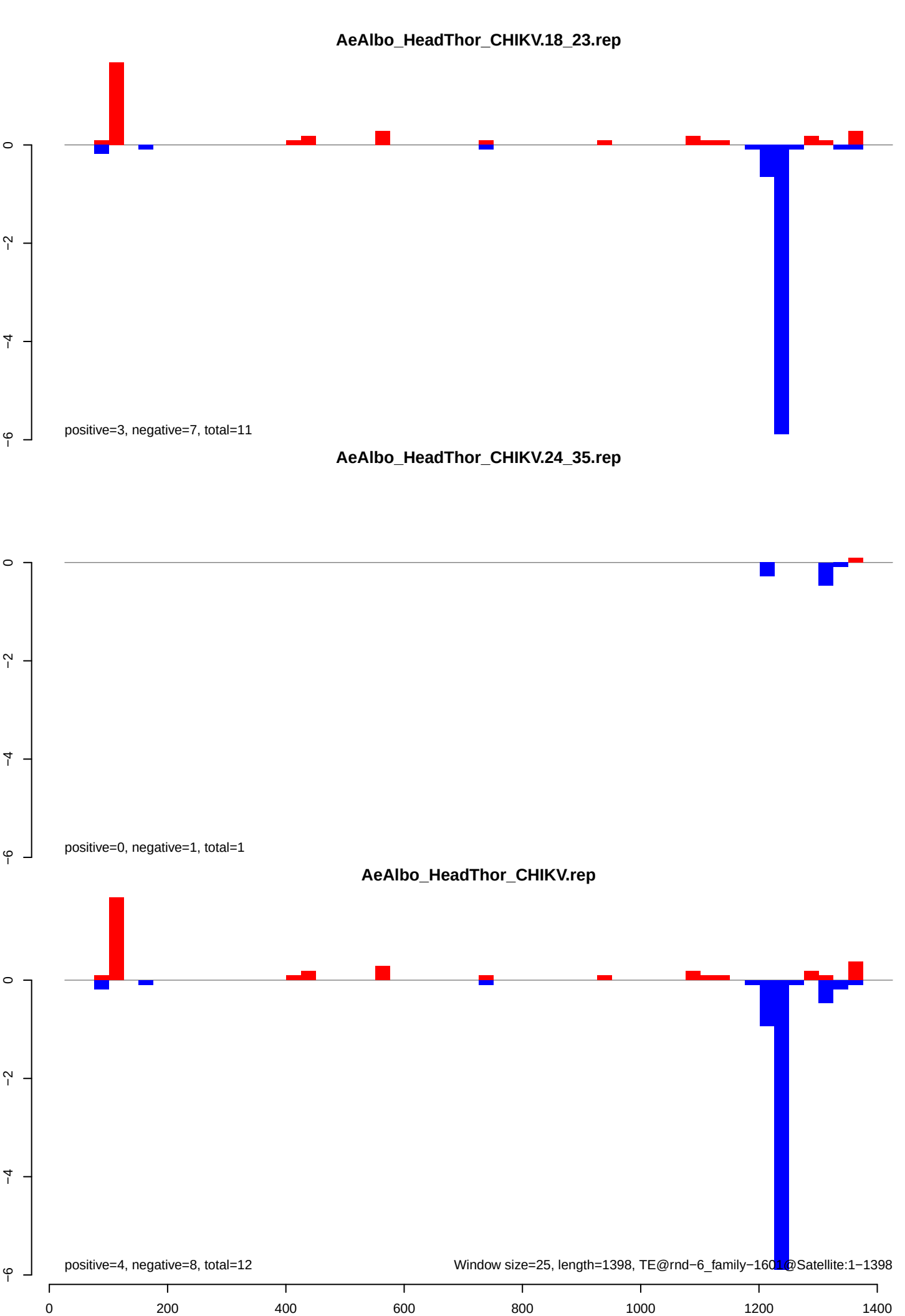

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=5, total=6
Window size=25, length=1060, TE@rnd−6_family−9273@LTR_Pao:1−1060
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
200
400
600
800
1000

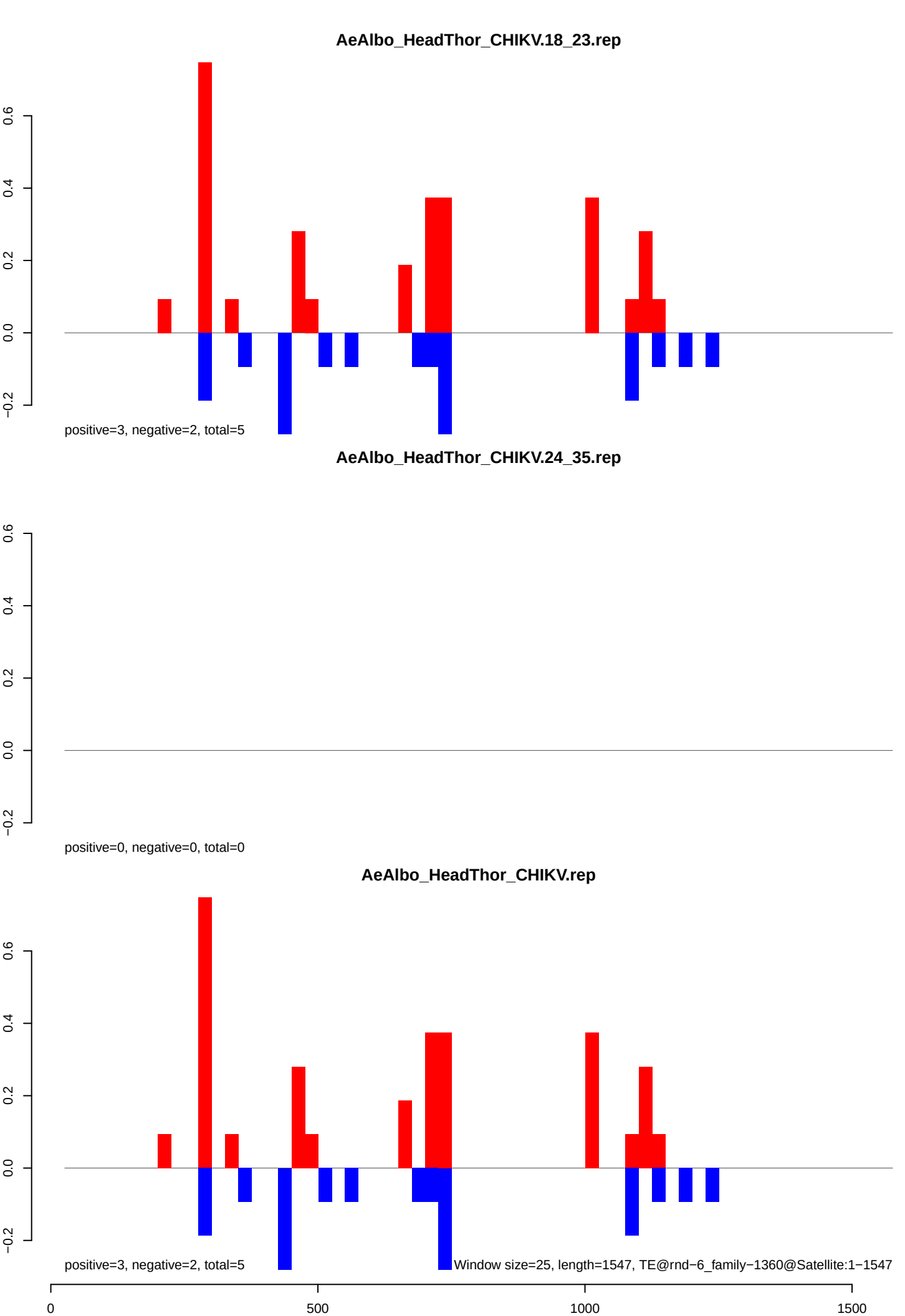

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=7, total=7
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=7, total=10
Window size=25, length=1161, TE@rnd−6_family−799@Unknown:1−1161
0
200
400
600
800
1000
1200

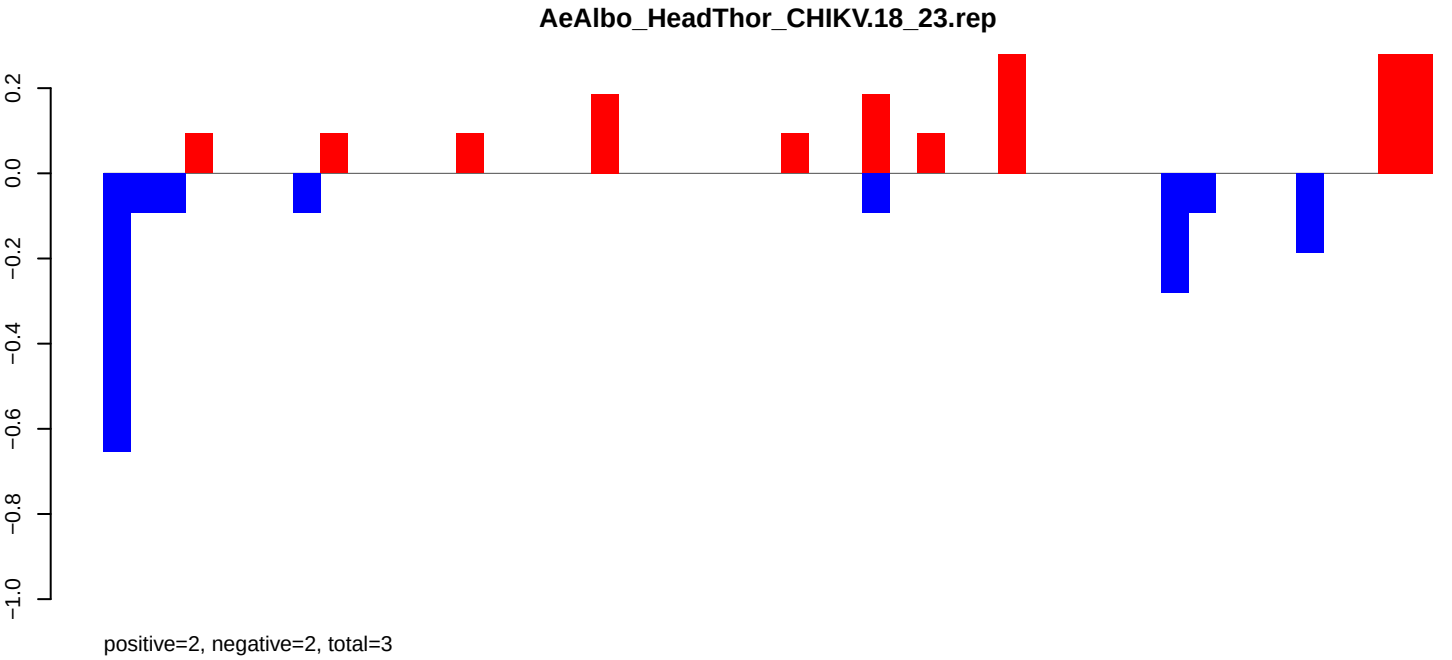

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=26, negative=44, total=71
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=27, negative=46, total=73
Window size=25, length=1101, TE@rnd−6_family−50@LINE_Penelope:1−1101
10
5
0
−5
−10
−15
0
200
400
600
800
1000

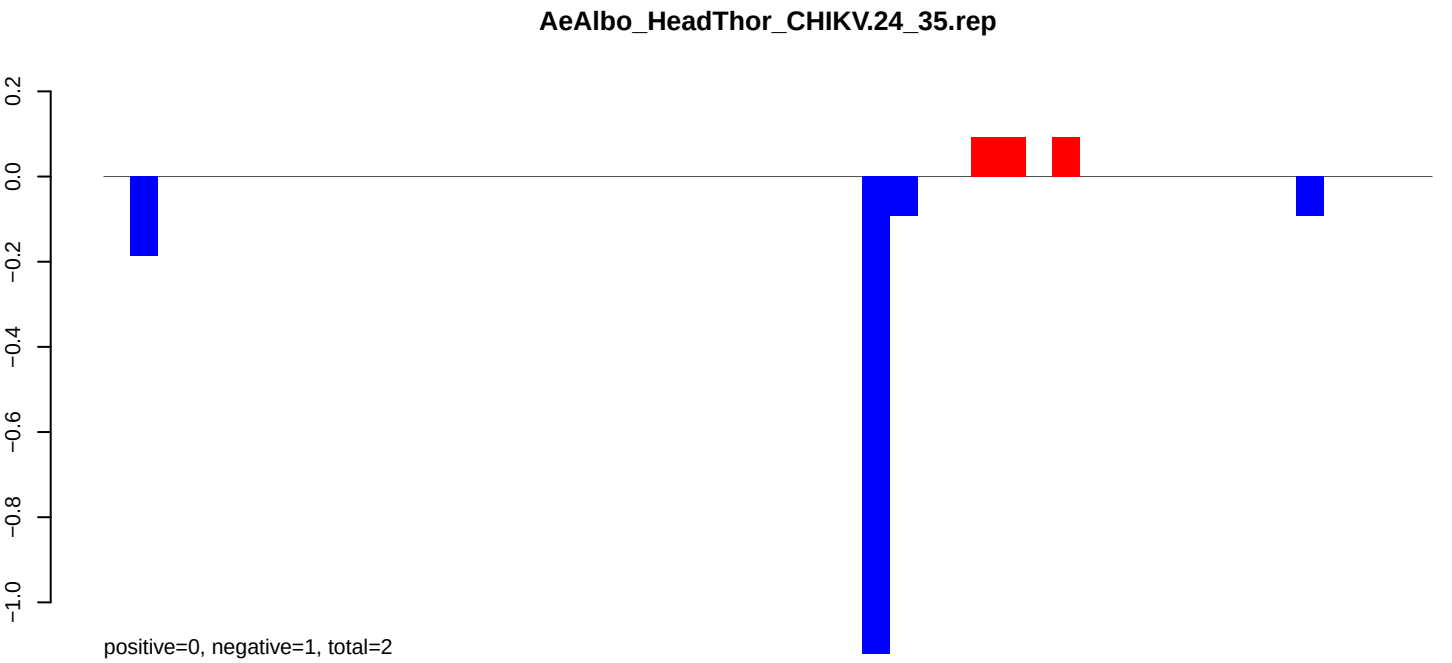

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=5
Window size=25, length=1903, TE@rnd−6_family−3818@Unknown:1−1903
0
500
1000
1500
2000

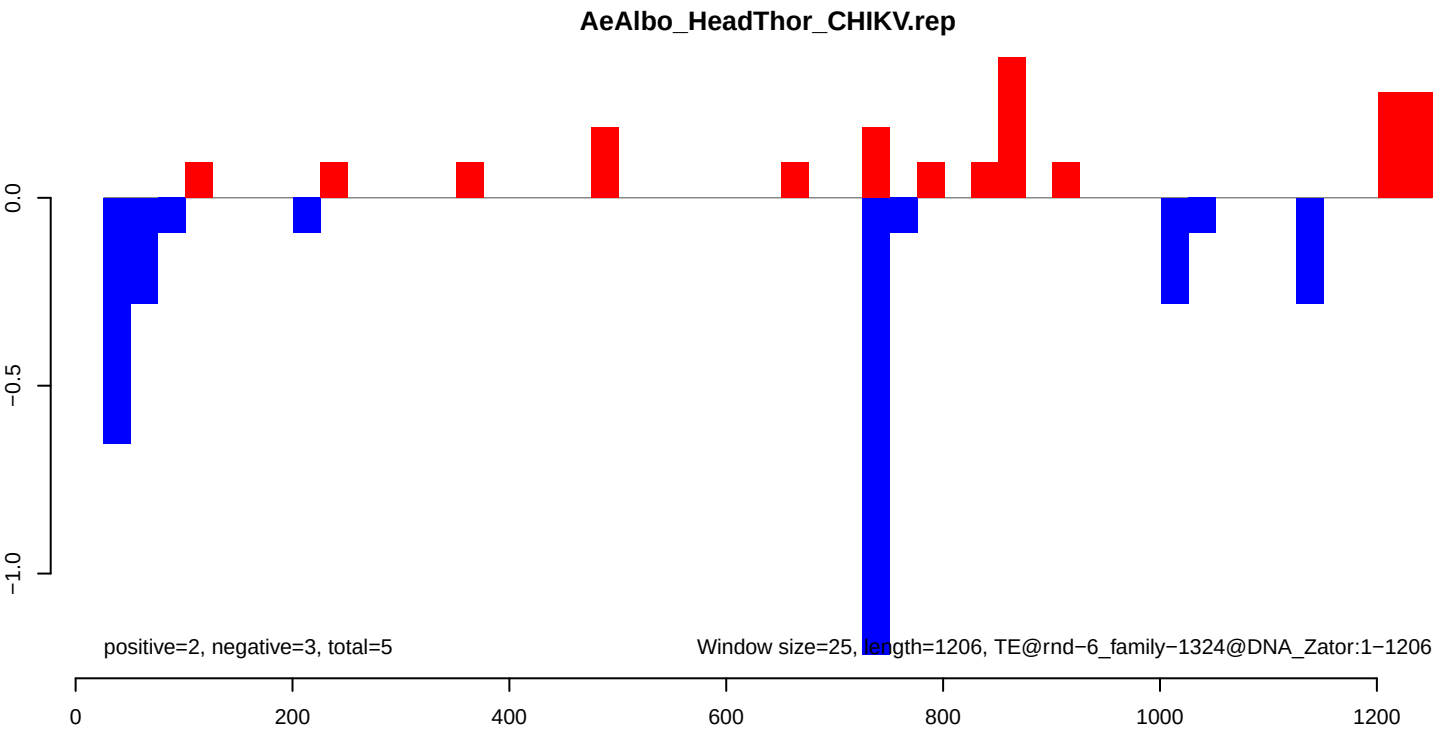

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=1, negative=3, total=4
Window size=25, length=2165, TE@rnd−6_family−2396@Unknown:1−2165
0
500
1000
1500
2000

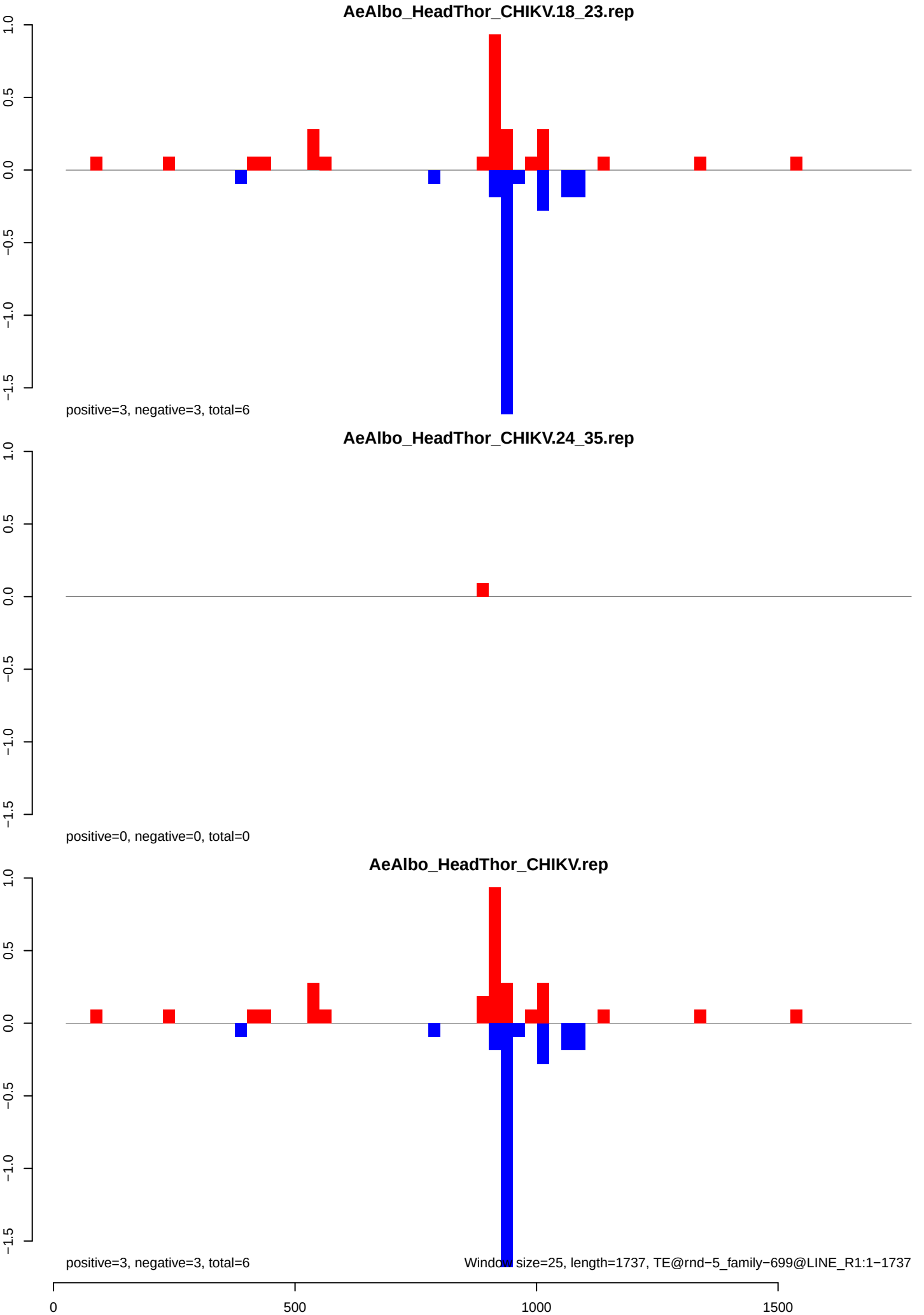

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
positive=3, negative=7, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
positive=4, negative=8, total=12
Window size=25, length=1398, TE@rnd−6_family−1601@Satellite:1−1398
0
200
400
600
800
1000
1200
1400

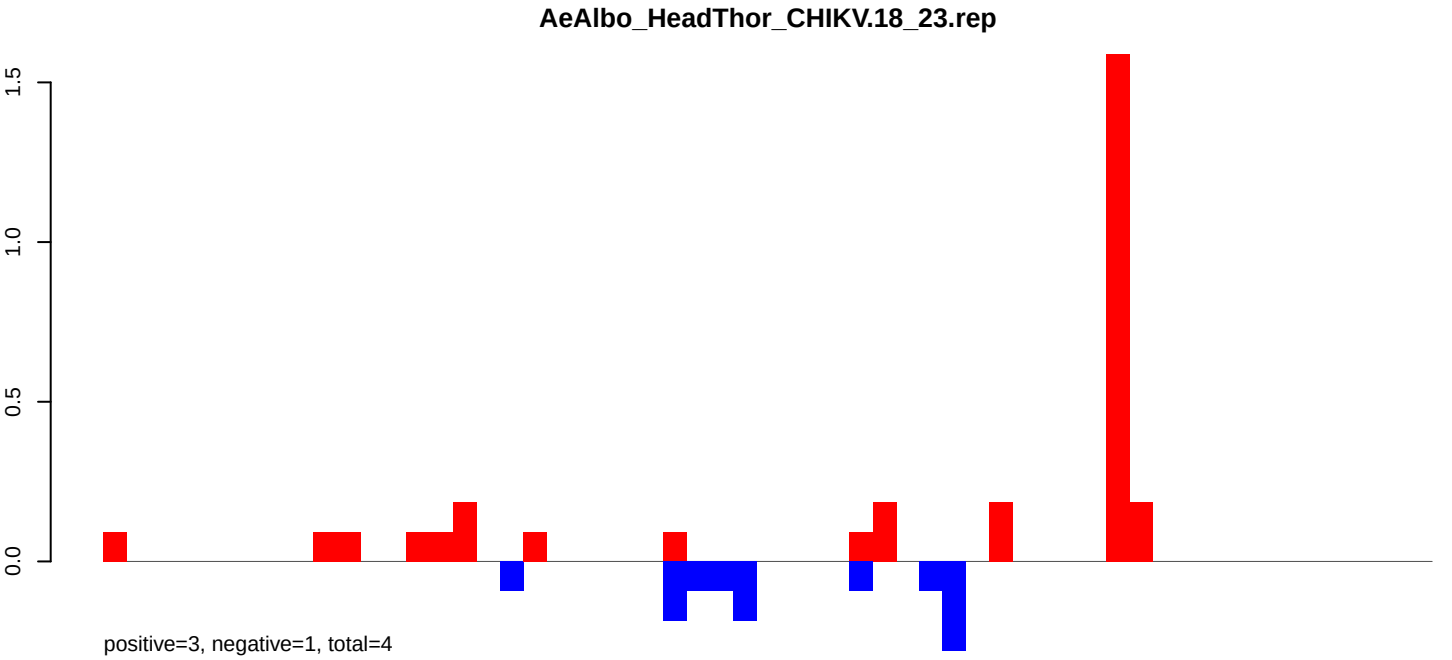

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=2, total=5
Window size=25, length=1547, TE@rnd−6_family−1360@Satellite:1−1547
0
500
1000
1500

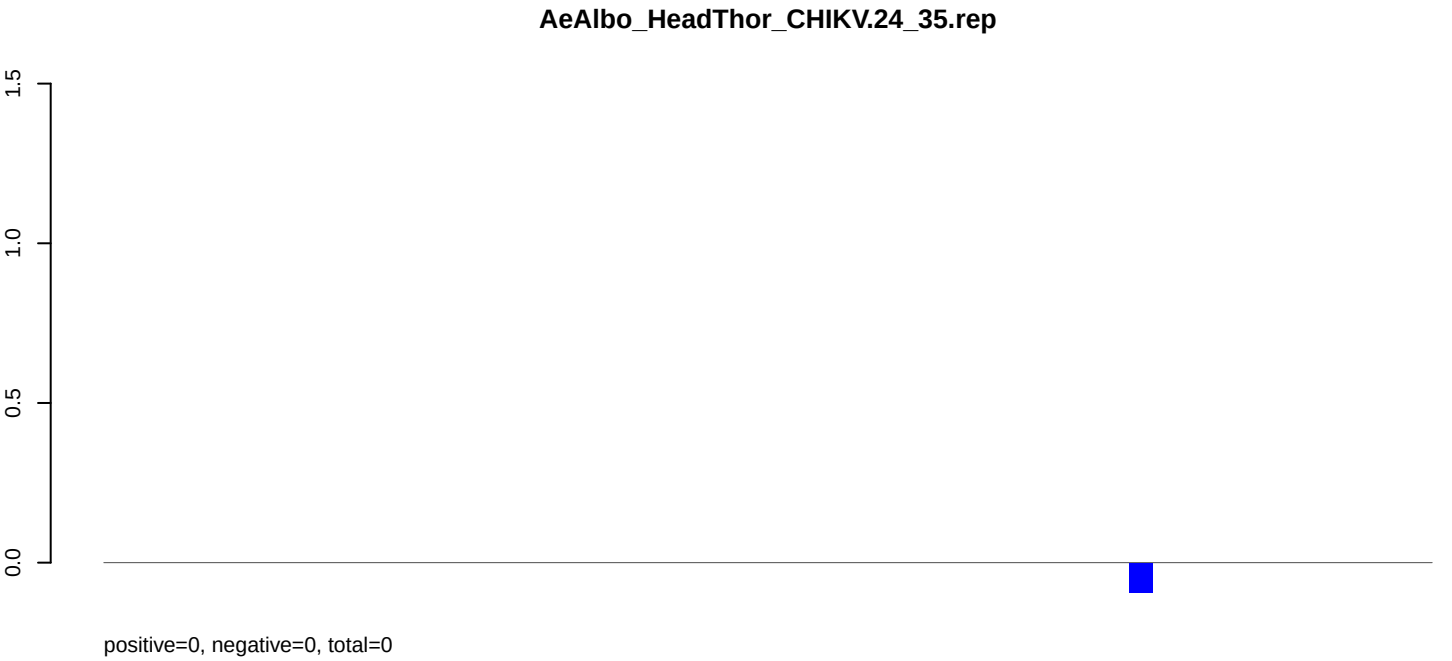

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=2, negative=2, total=3

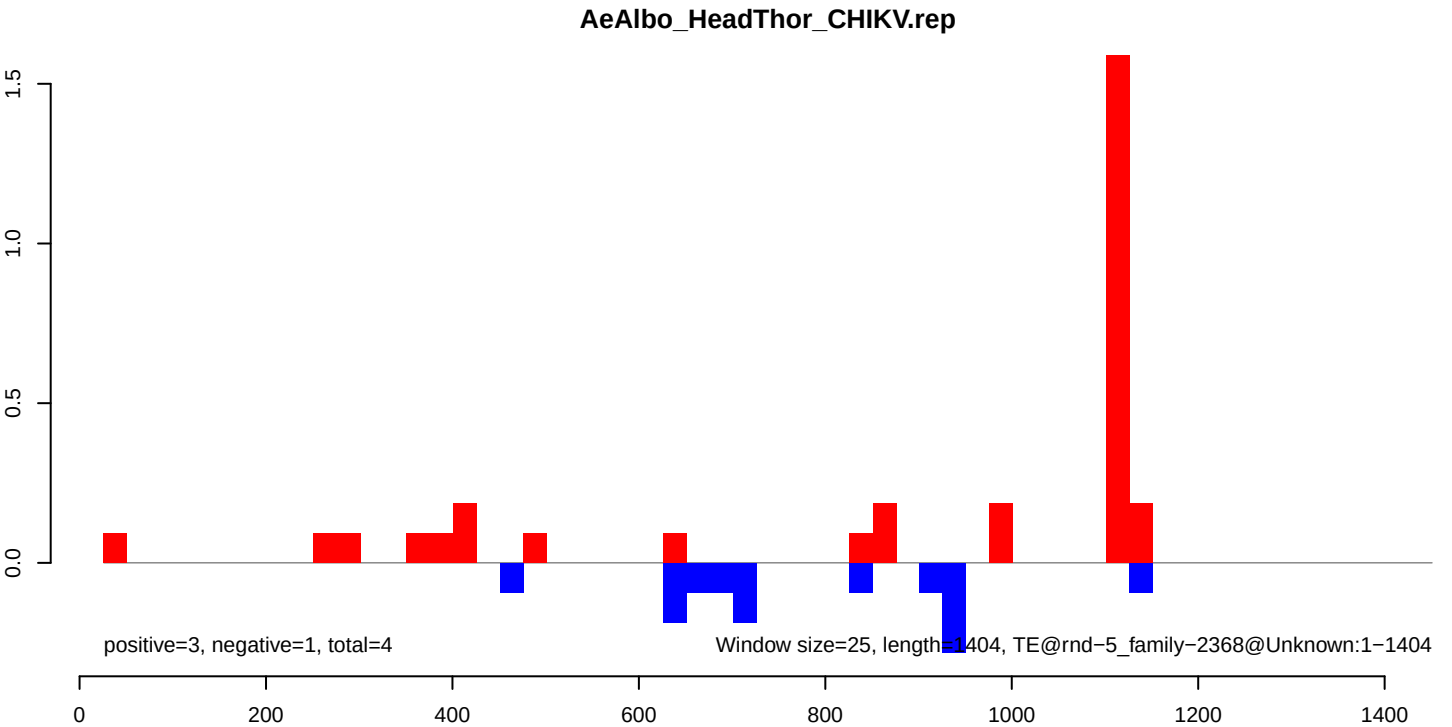

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=2

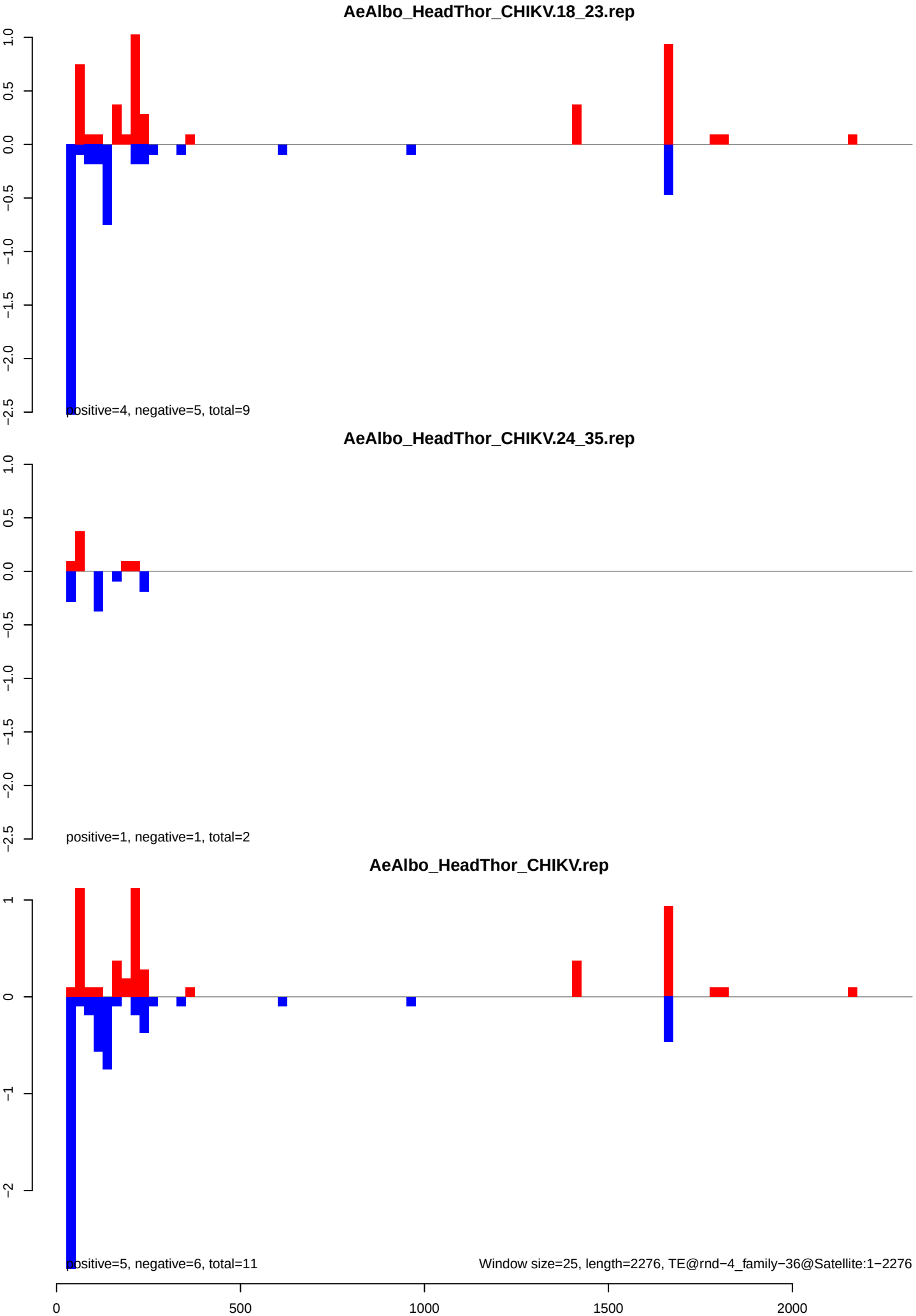

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=2, negative=3, total=5
Window size=25, length=1206, TE@rnd−6_family−1324@DNA_Zator:1−1206
0
200
400
600
800
1000
1200

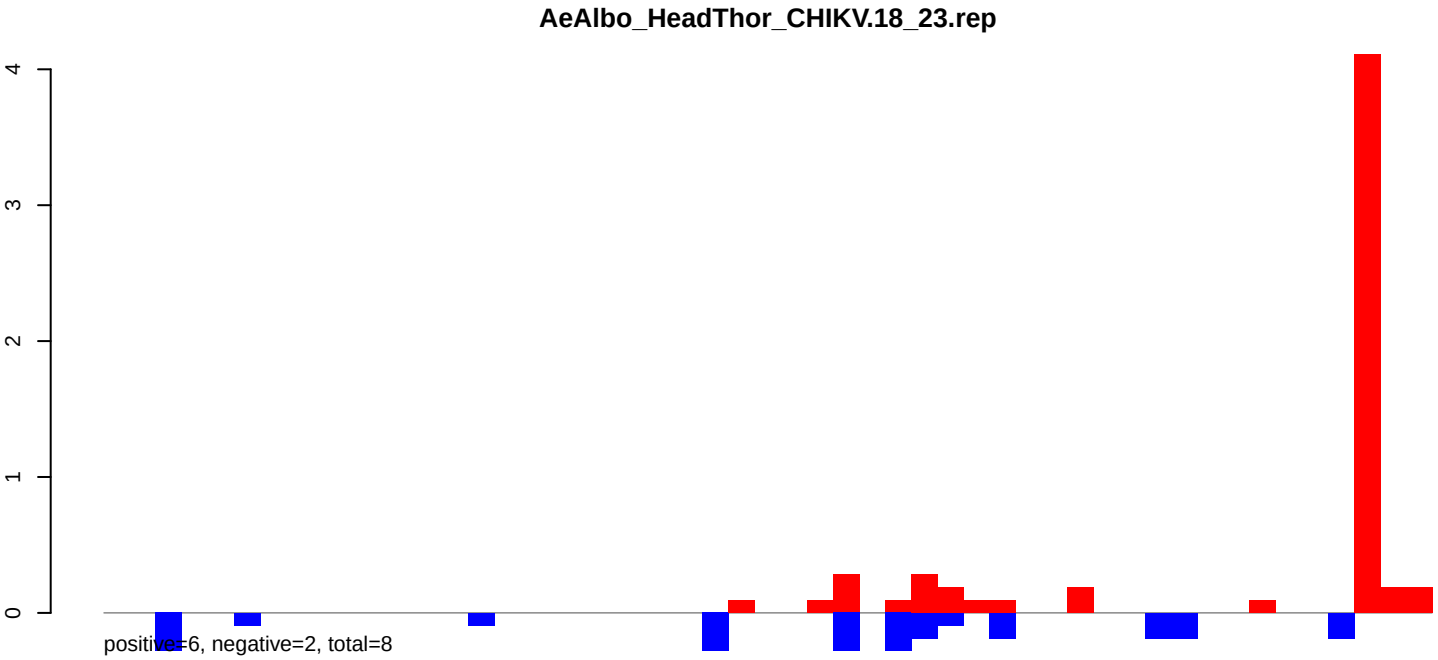

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=3, total=6
Window size=25, length=1737, TE@rnd−5_family−699@LINE_R1:1−1737
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
500
1000
1500

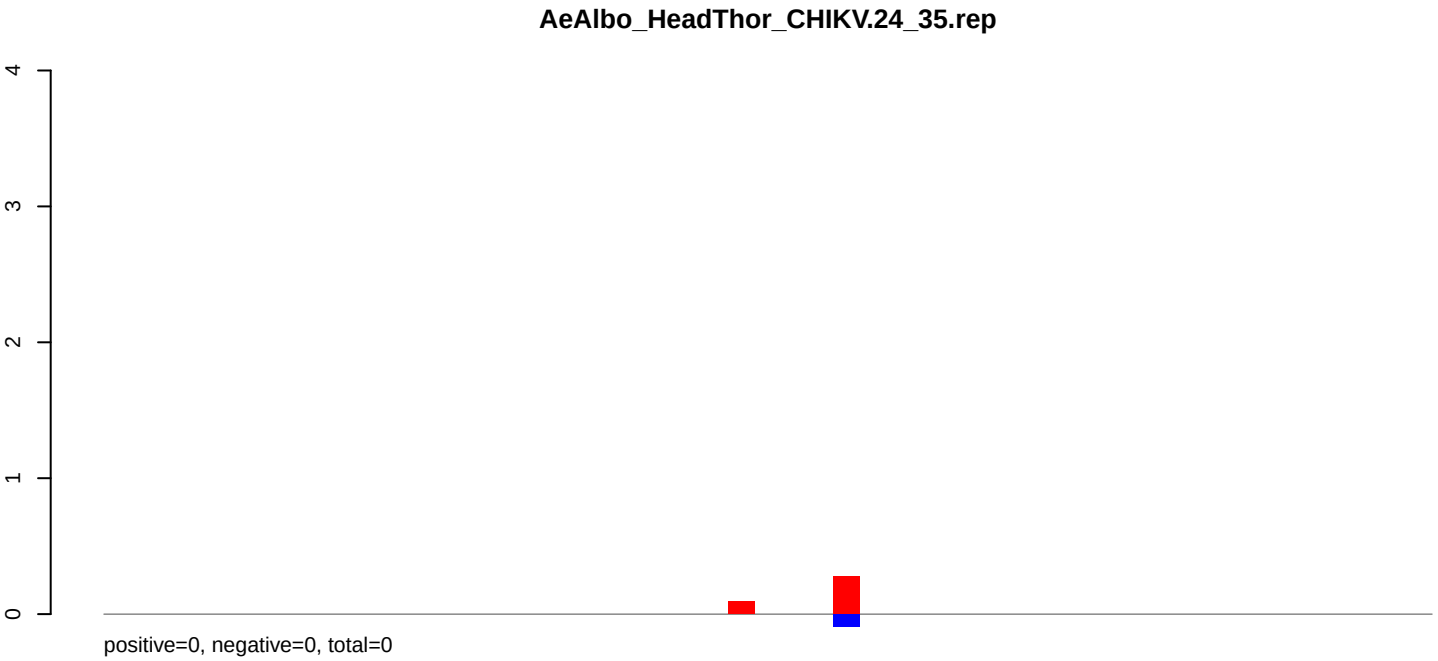

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=4

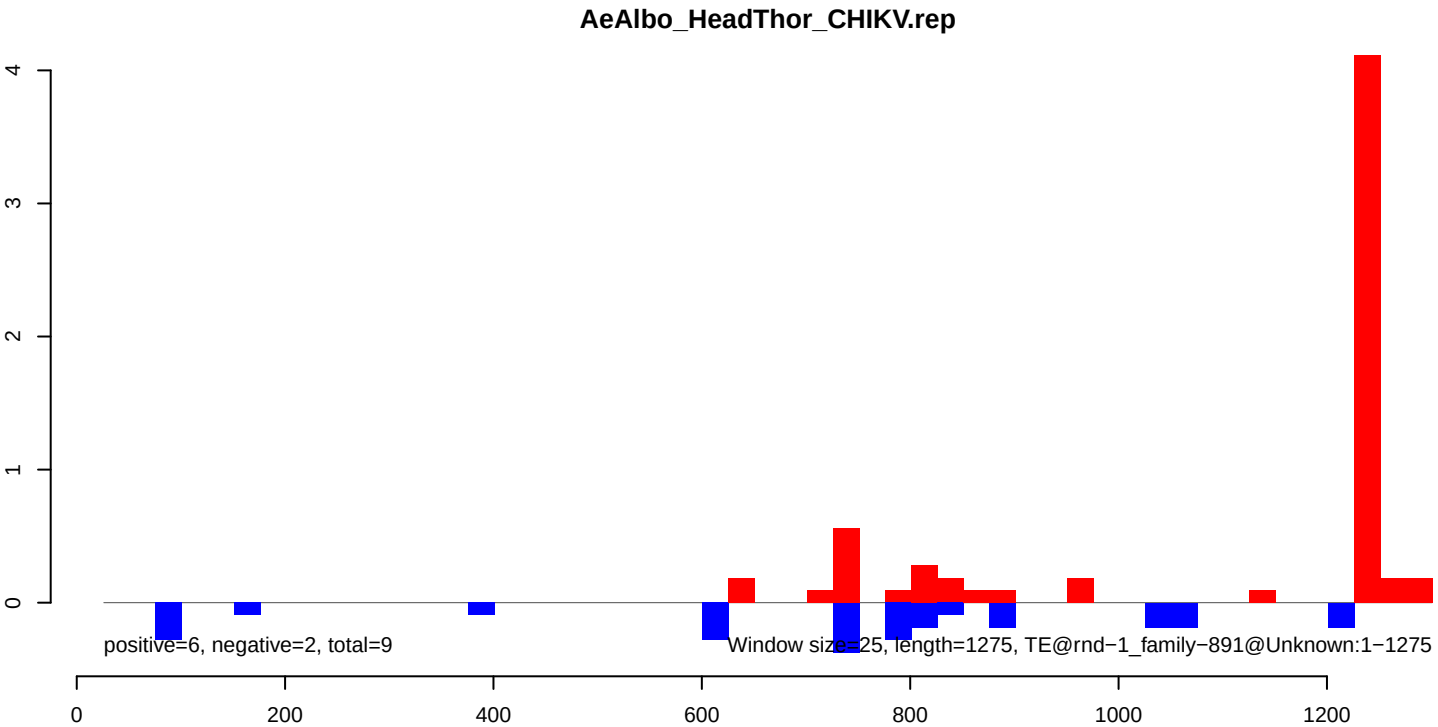

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

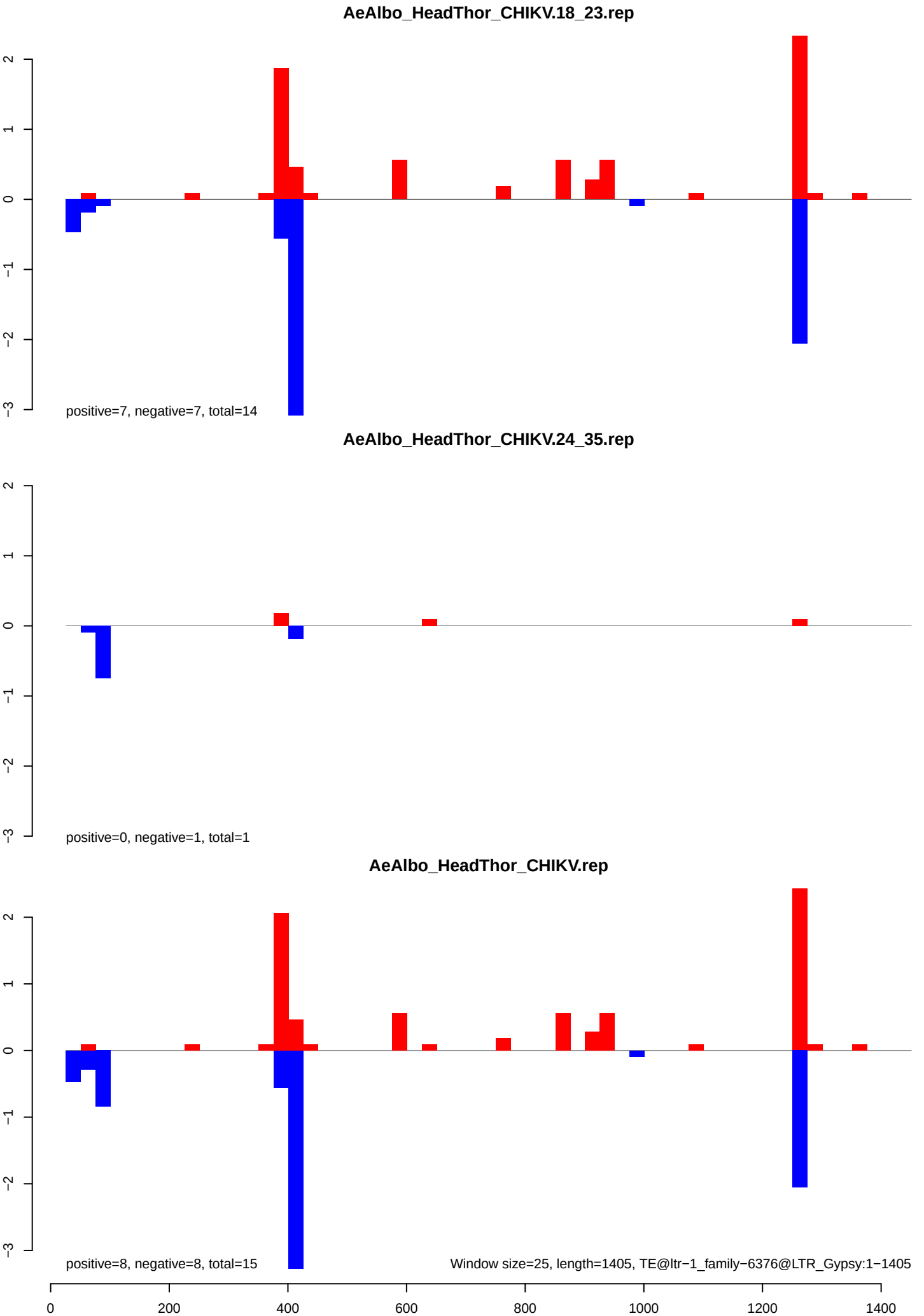

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=4
Window size=25, length=1404, TE@rnd−5_family−2368@Unknown:1−1404
0
200
400
600
800
1000
1200
1400

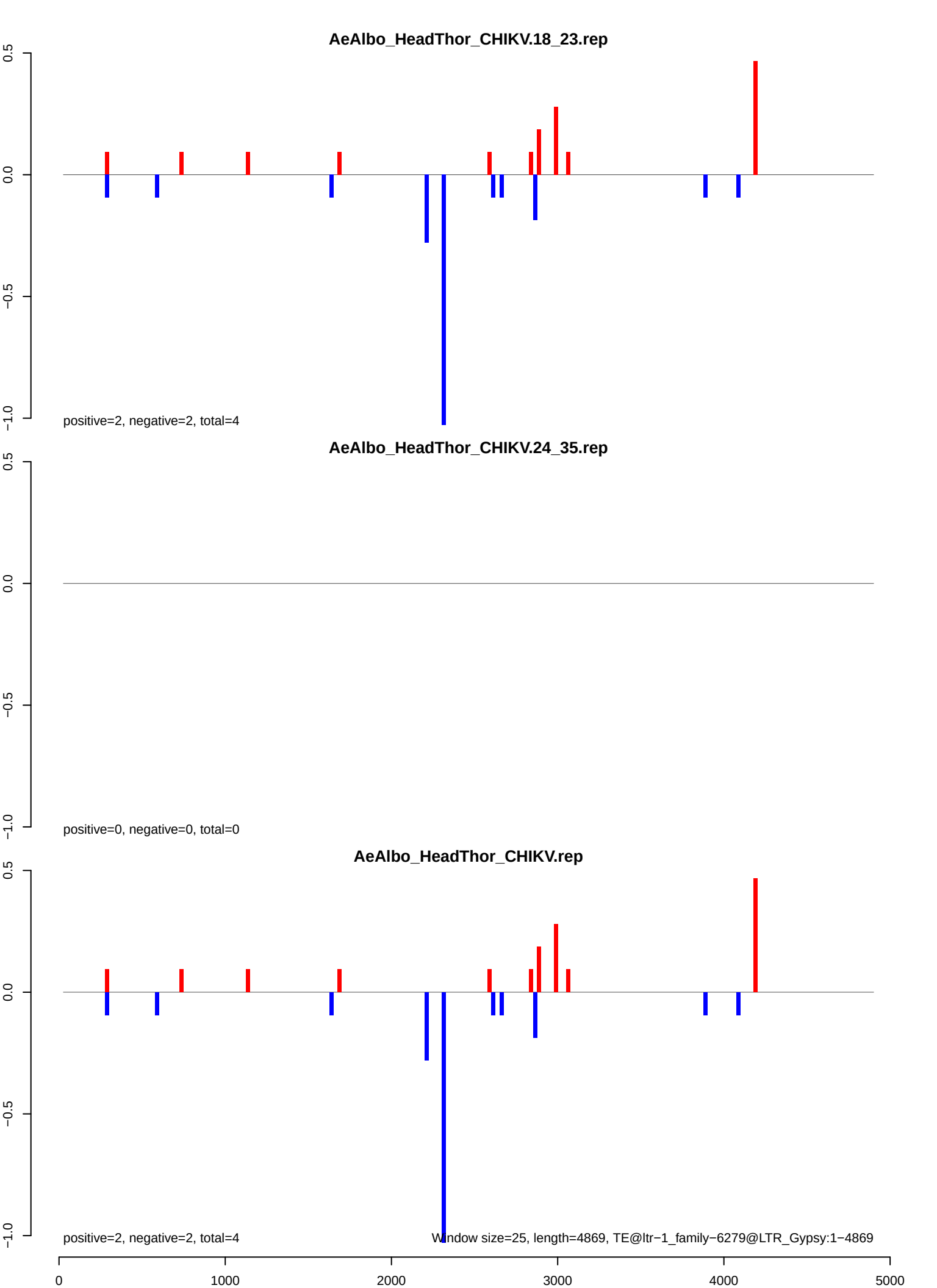

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=5, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=6, total=11
Window size=25, length=2276, TE@rnd−4_family−36@Satellite:1−2276
0
500
1000
1500
2000

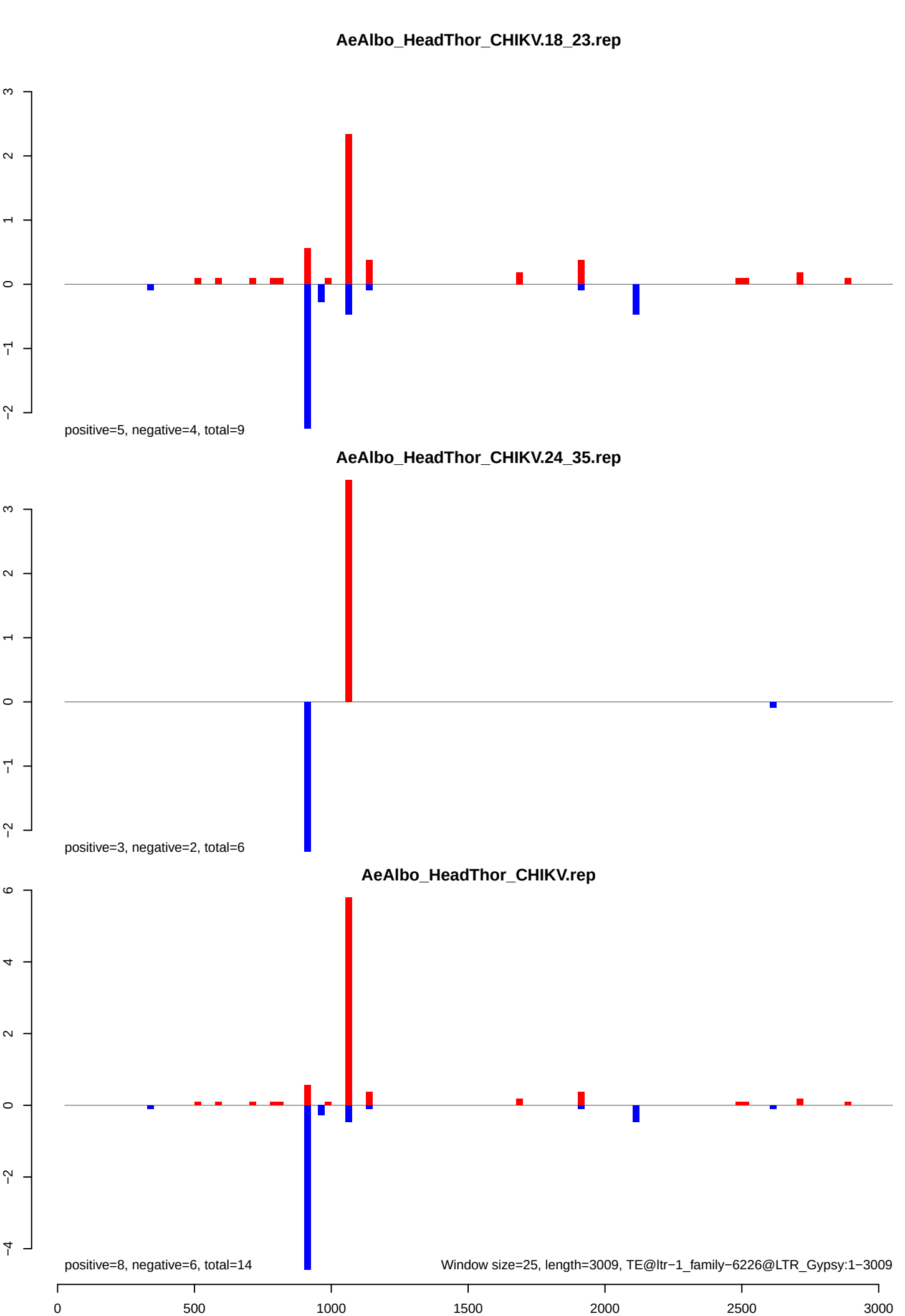

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=6, negative=2, total=8

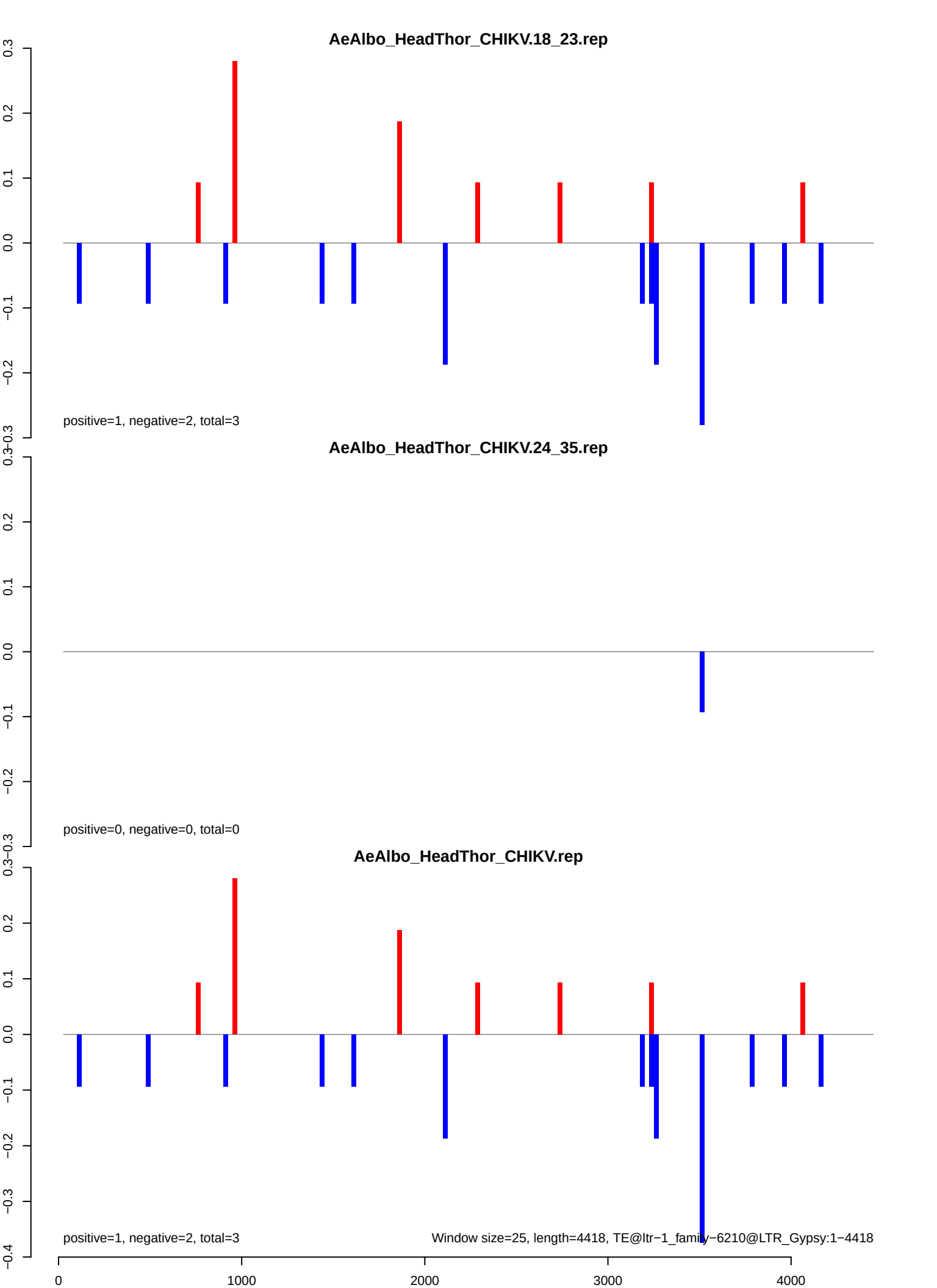

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0

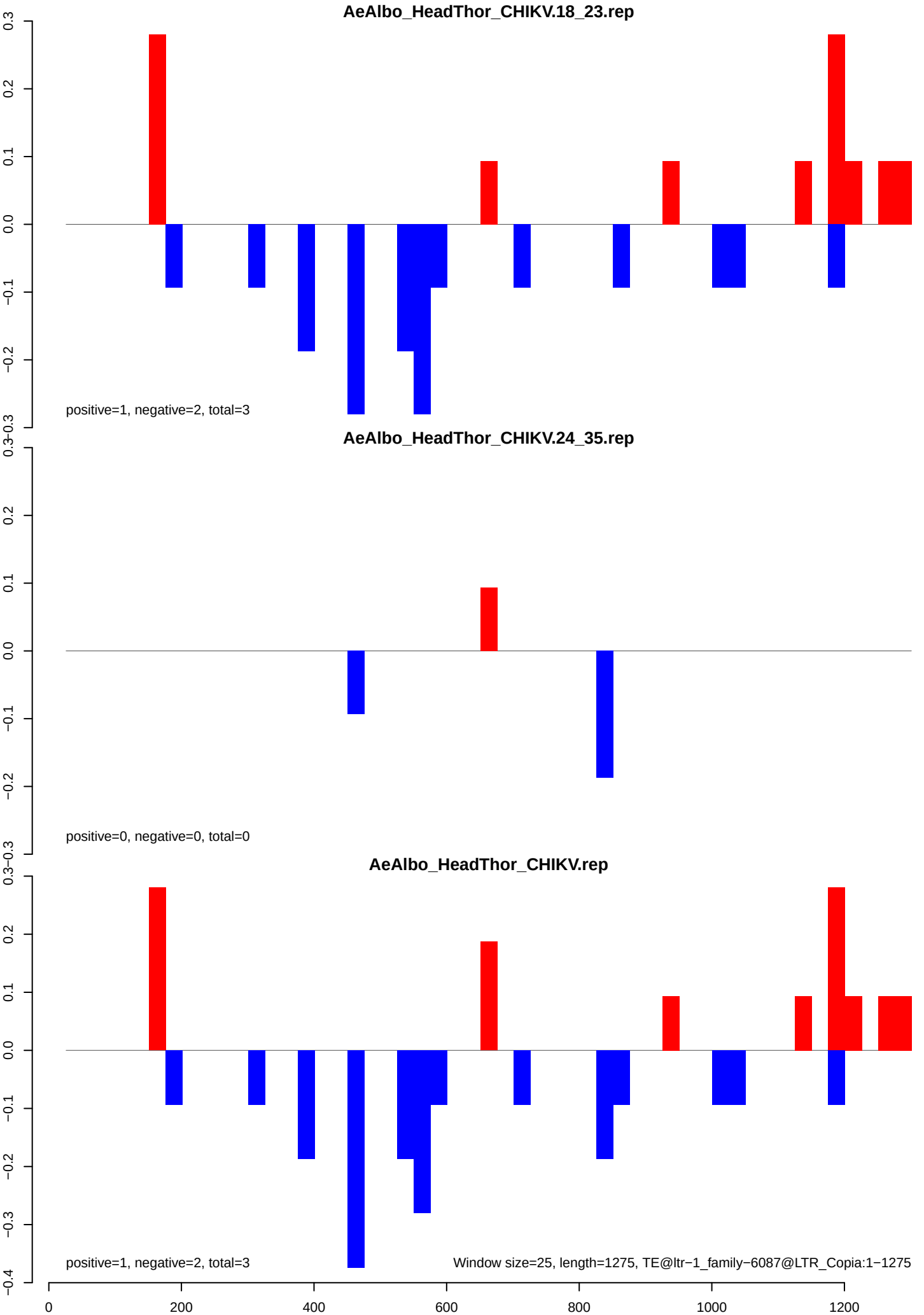

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=6, negative=2, total=9
Window size=25, length=1275, TE@rnd−1_family−891@Unknown:1−1275
0
200
400
600
800
1000
1200

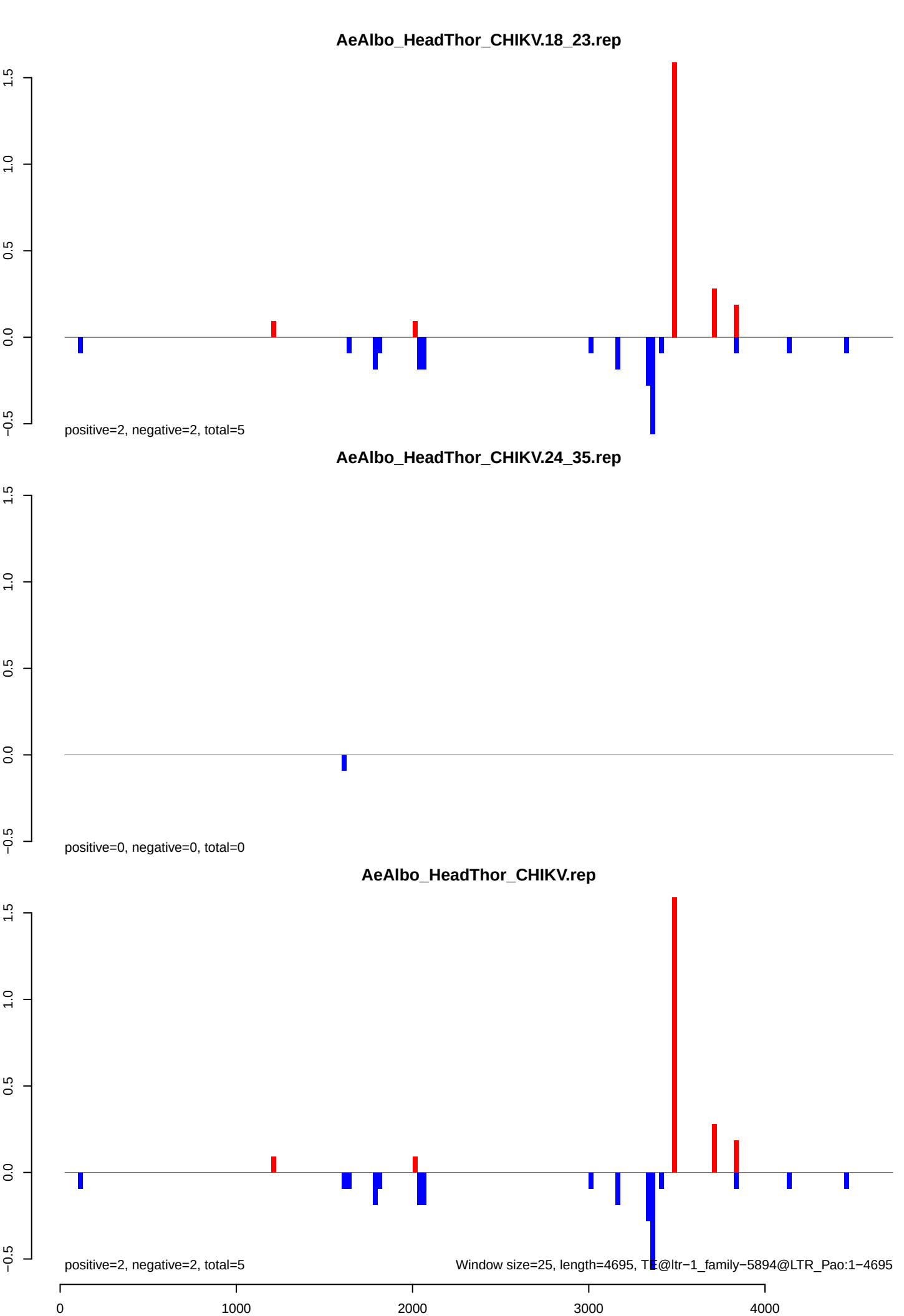

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=7, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=8, total=15
Window size=25, length=1405, TE@ltr−1_family−6376@LTR_Gypsy:1−1405
2
1
0
−1
−2
−3
0
200
400
600
800
1000
1200
1400

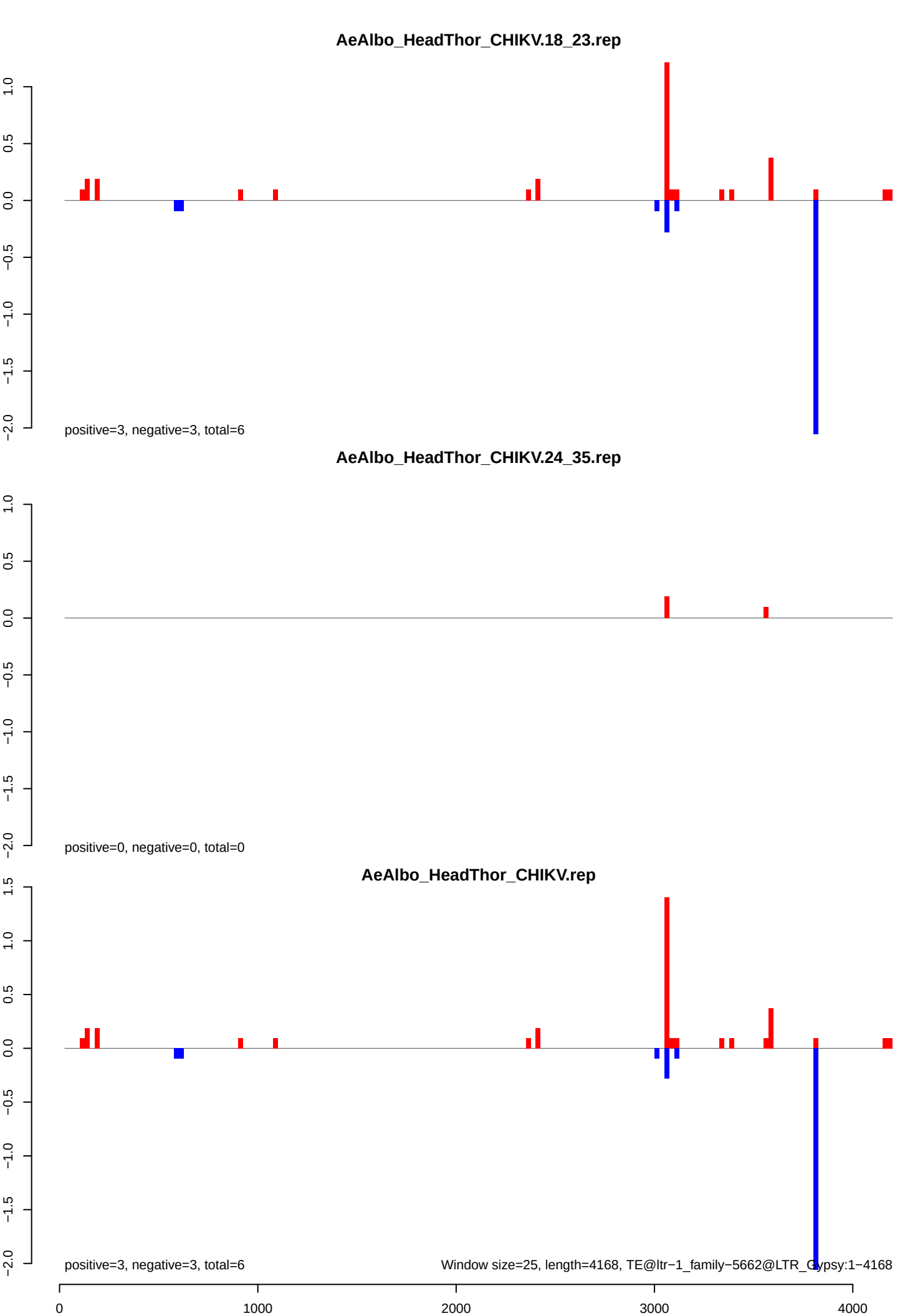

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4
Window size=25, length=4869, TE@ltr−1_family−6279@LTR_Gypsy:1−4869
0
1000
2000
3000
4000
5000

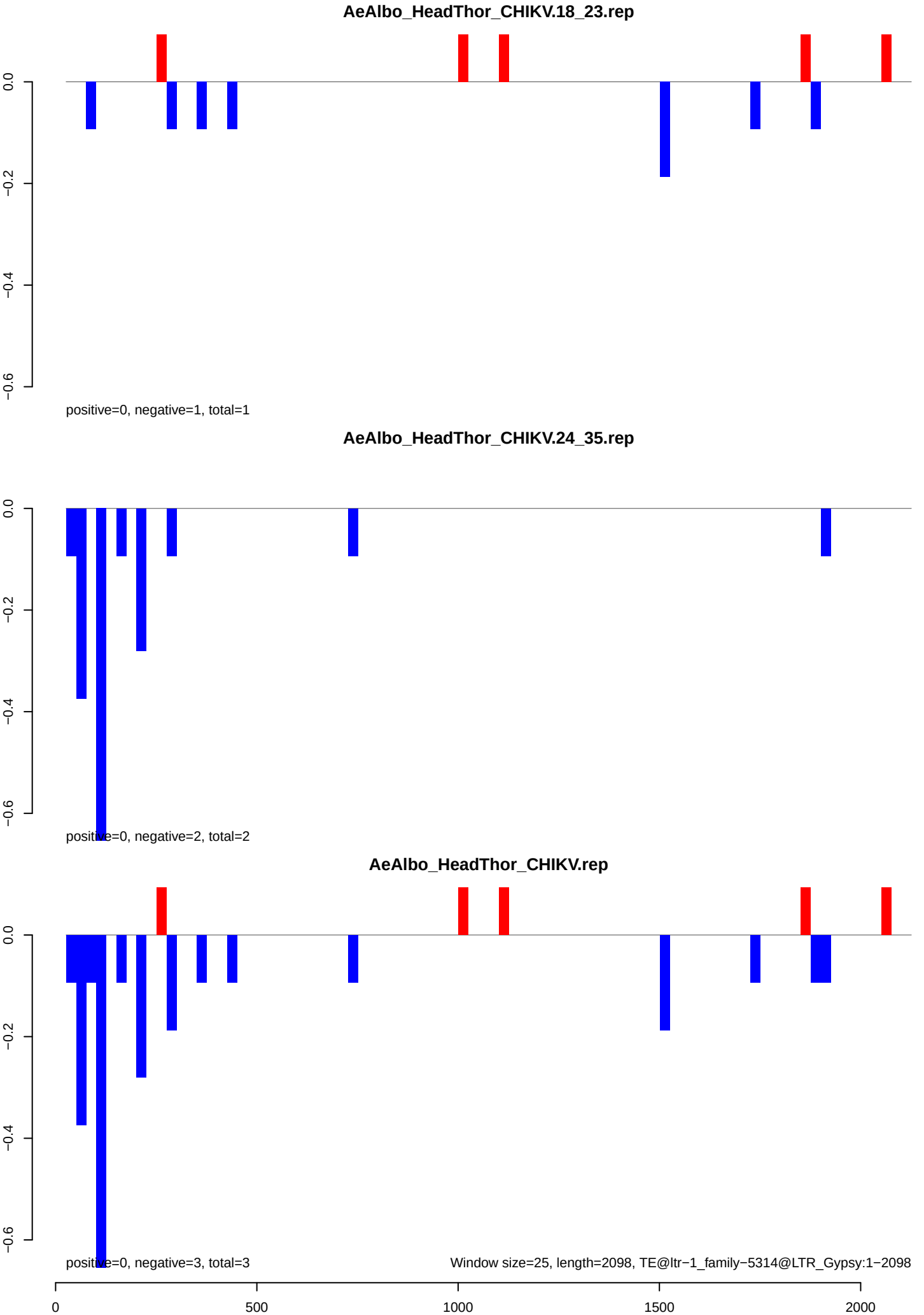

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=4, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=2, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=6, total=14
Window size=25, length=3009, TE@ltr−1_family−6226@LTR_Gypsy:1−3009
0
500
1000
1500
2000
2500
3000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=4418, TE@ltr−1_family−6210@LTR_Gypsy:1−4418
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=1275, TE@ltr−1_family−6087@LTR_Copia:1−1275
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
200
400
600
800
1000
1200


AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=5
Window size=25, length=4695, TE@ltr−1_family−5894@LTR_Pao:1−4695
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=3, total=6
Window size=25, length=4168, TE@ltr−1_family−5662@LTR_Gypsy:1−4168
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=3, total=3
Window size=25, length=2098, TE@ltr−1_family−5314@LTR_Gypsy:1−2098
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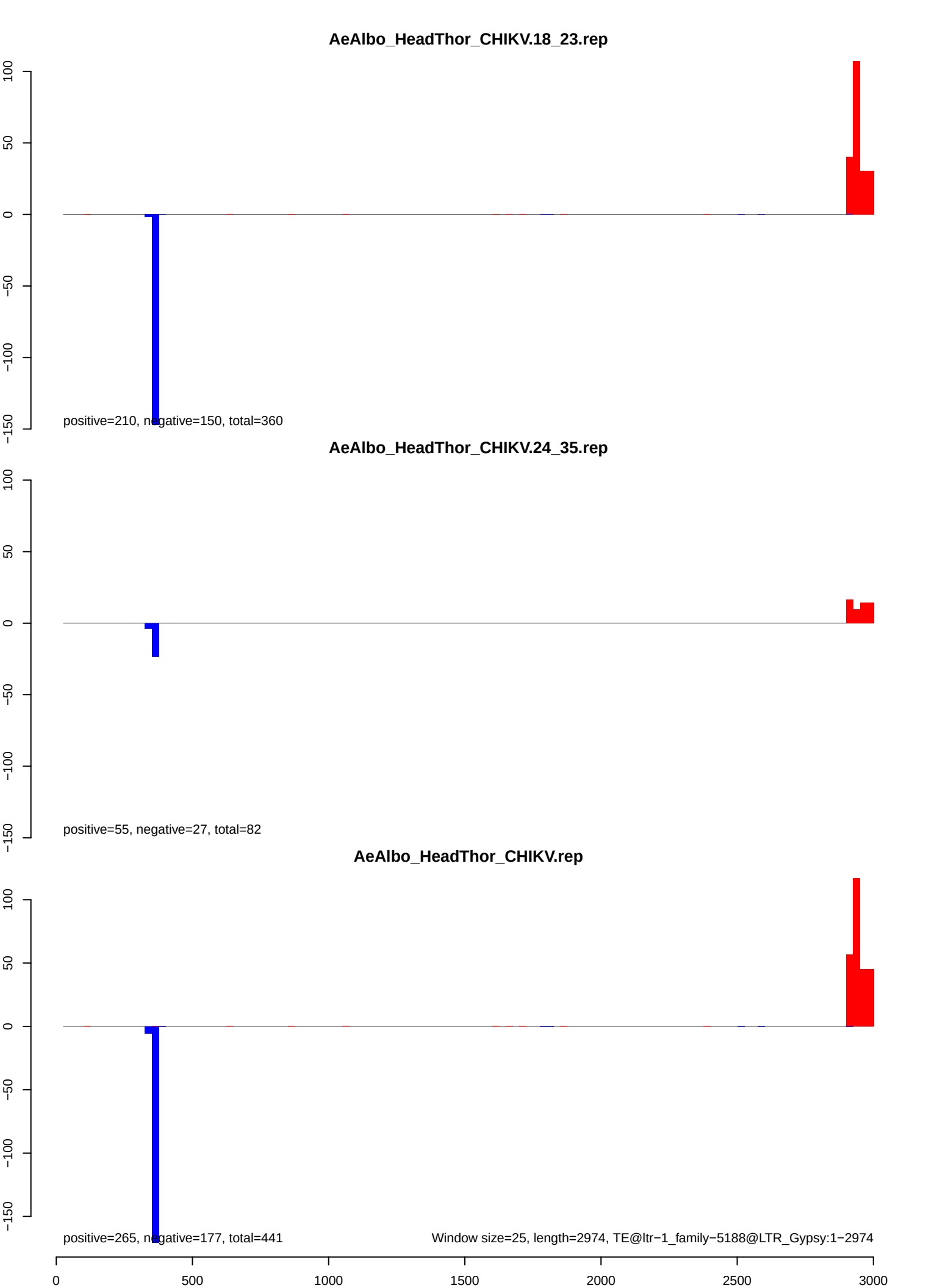
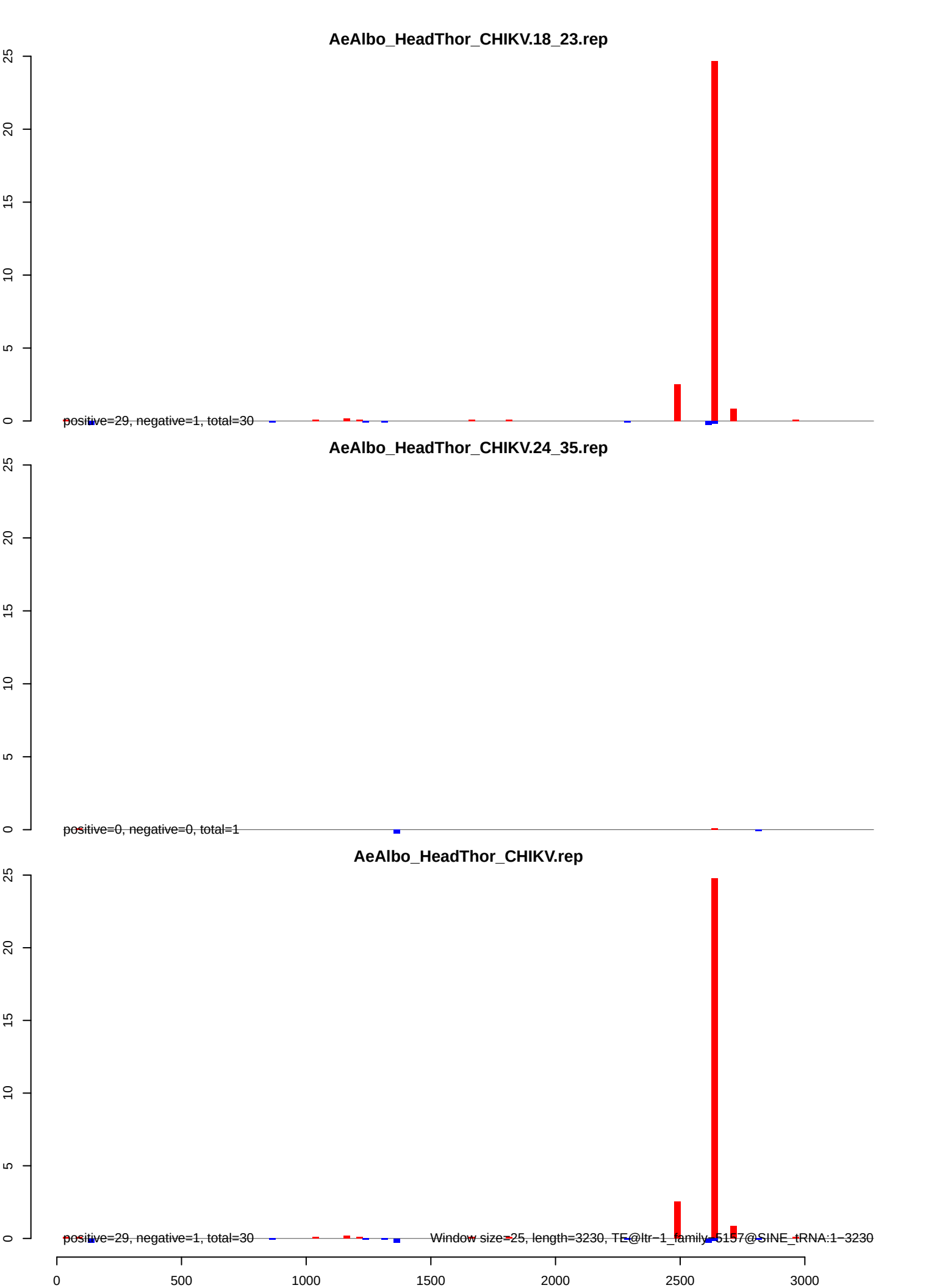
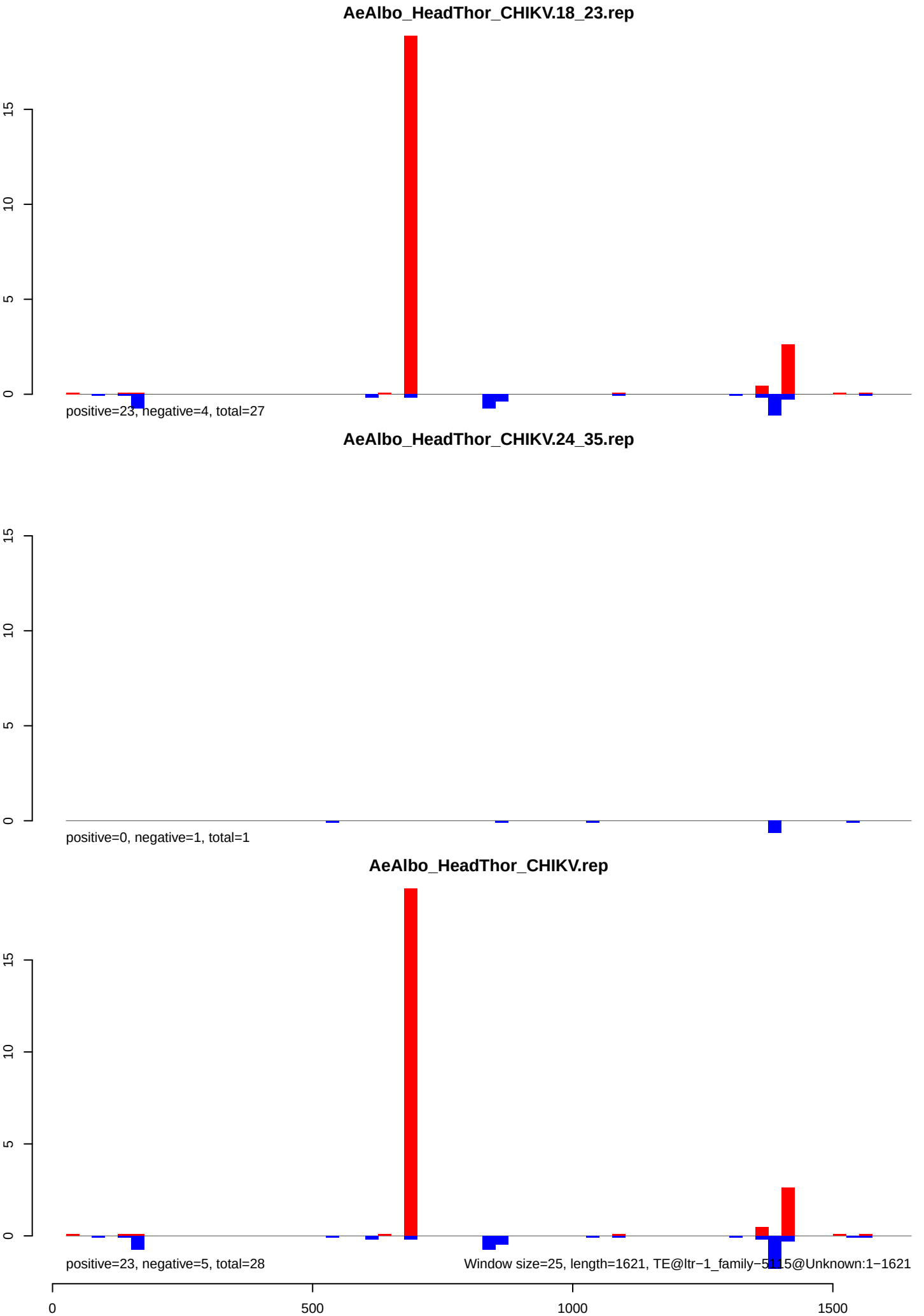
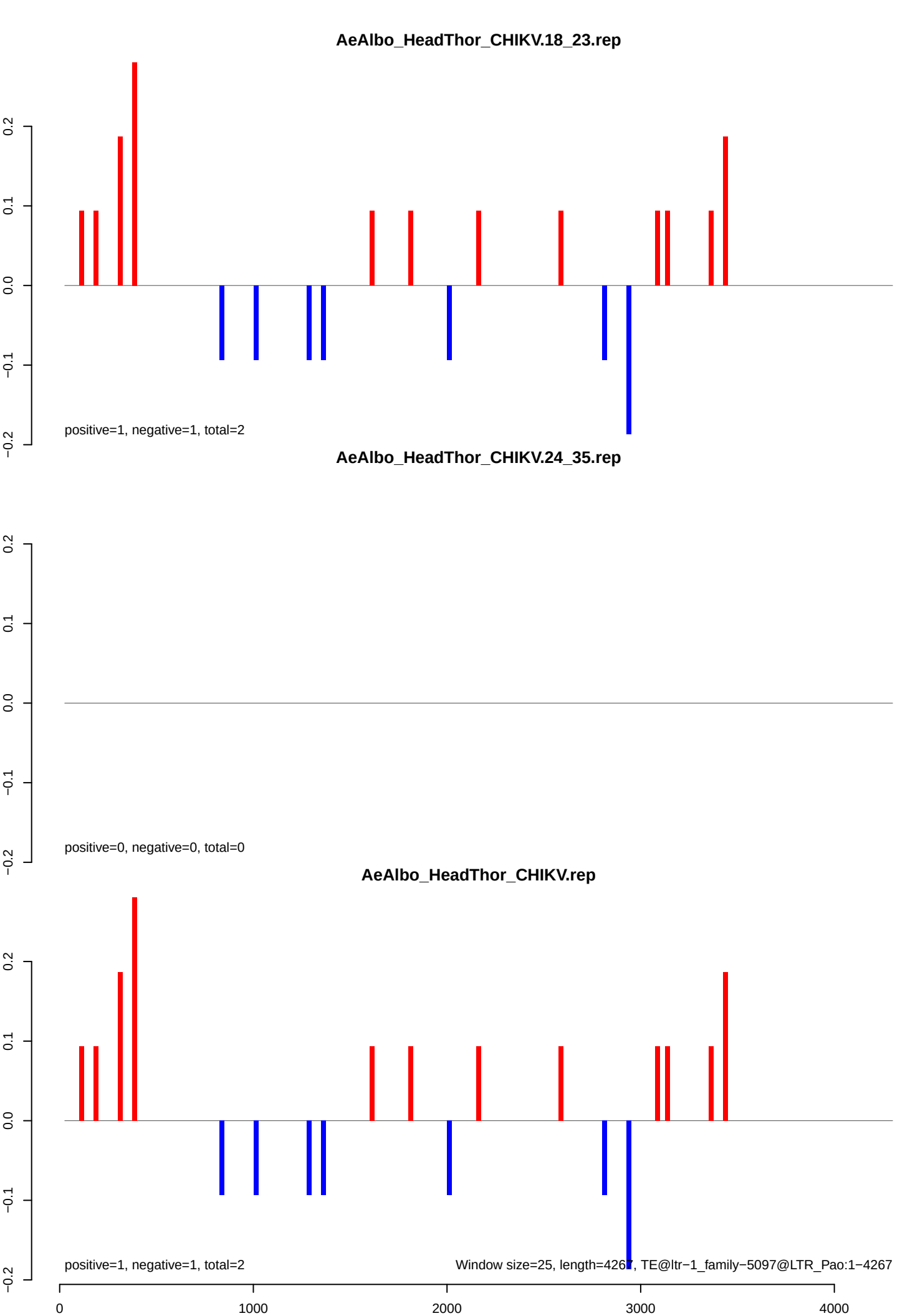
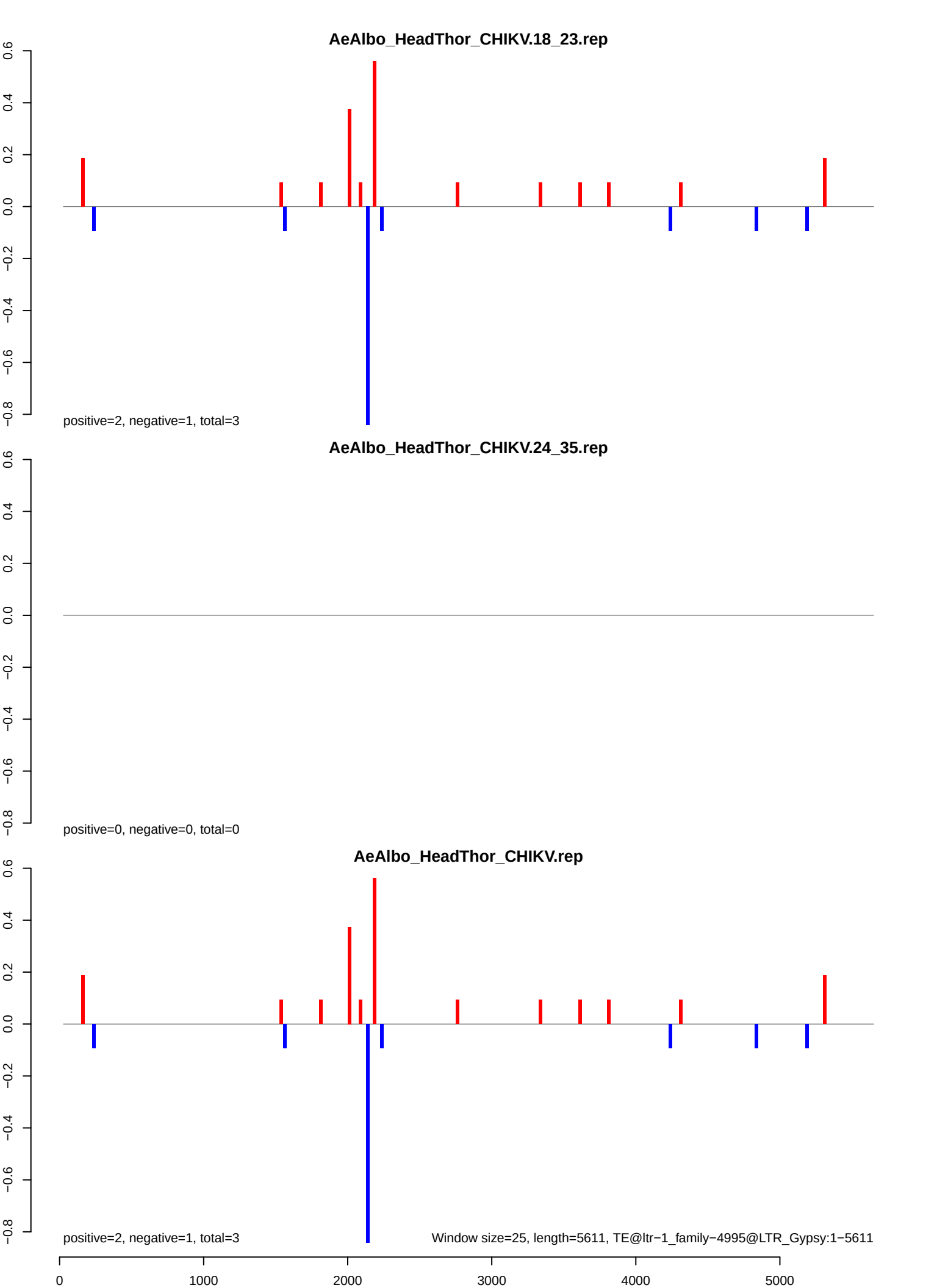
500
1000
1500
2000

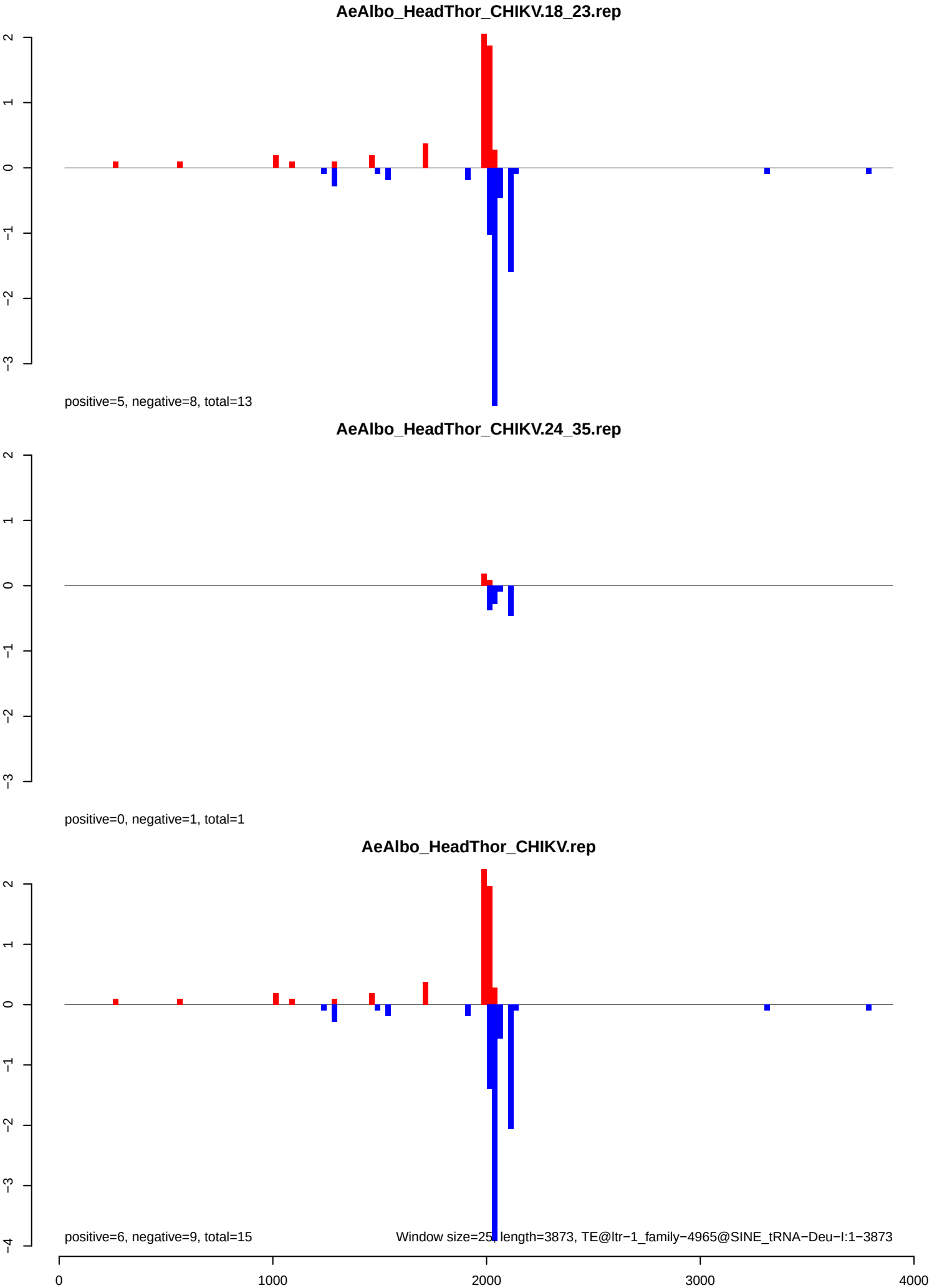

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=210, negative=150, total=360
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=55, negative=27, total=82
AeAlbo_HeadThor_CHIKV.rep
positive=265, negative=177, total=441
Window size=25, length=2974, TE@ltr−1_family−5188@LTR_Gypsy:1−2974
100
50
0
−50
−100
−150
0
500
1000
1500
2000
2500
3000

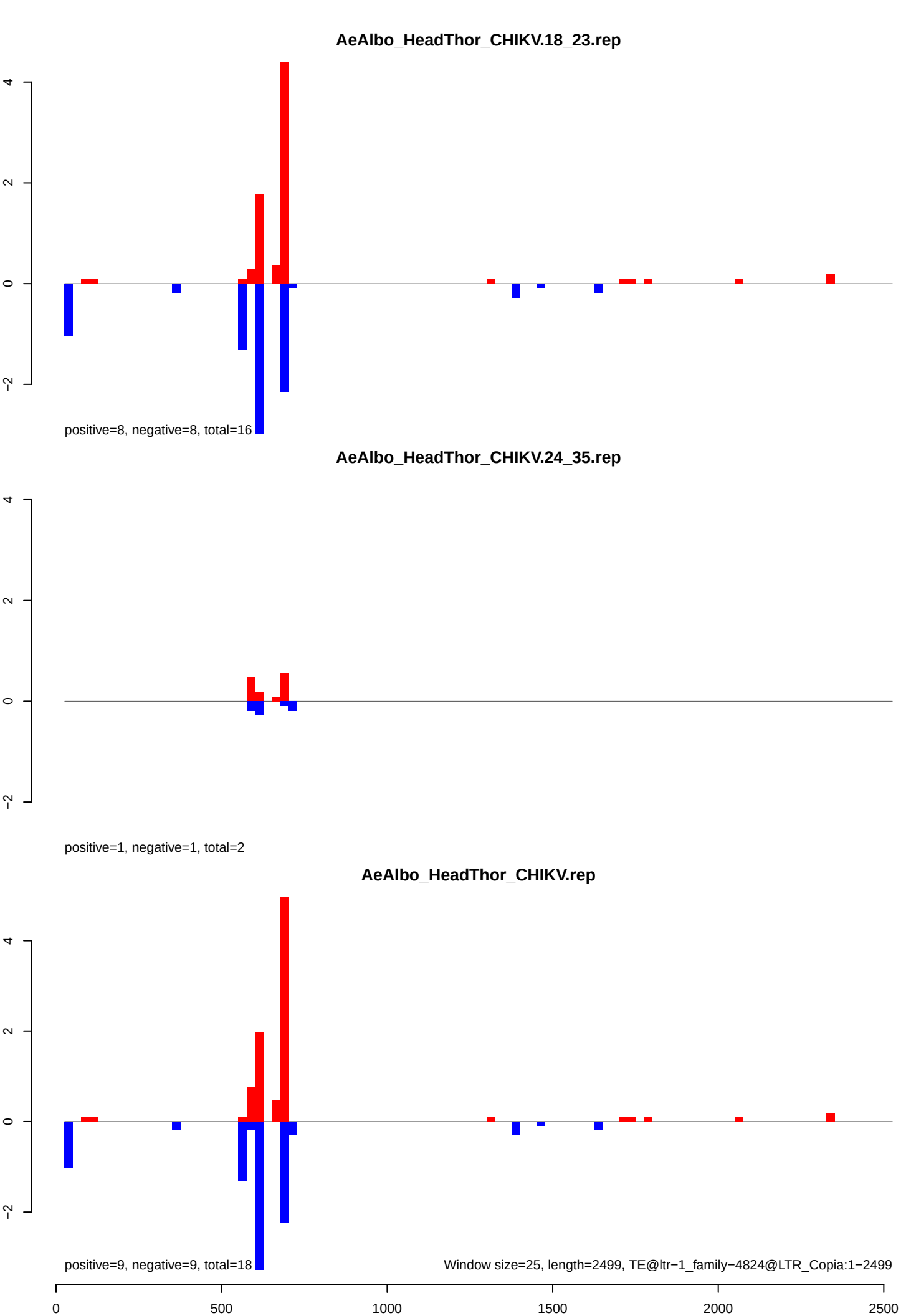

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=29, negative=1, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=29, negative=1, total=30
Window size=25, length=3230, TE@ltr−1_family−5157@SINE_tRNA:1−3230
0
5
10
15
20
25
0
500
1000
1500
2000
2500
3000

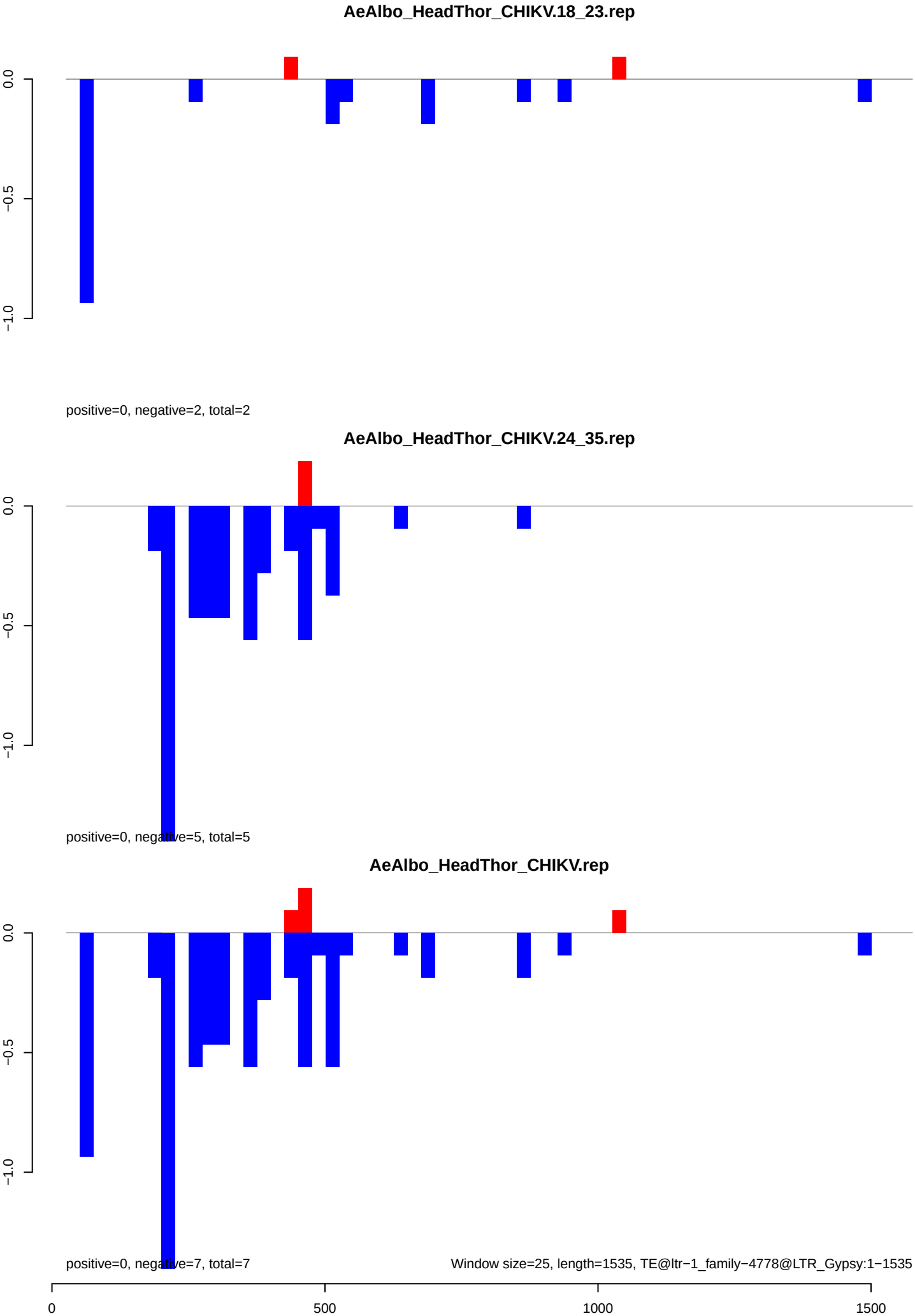

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
positive=23, negative=4, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
positive=23, negative=5, total=28
Window size=25, length=1621, TE@ltr−1_family−5115@Unknown:1−1621
0
500
1000
1500

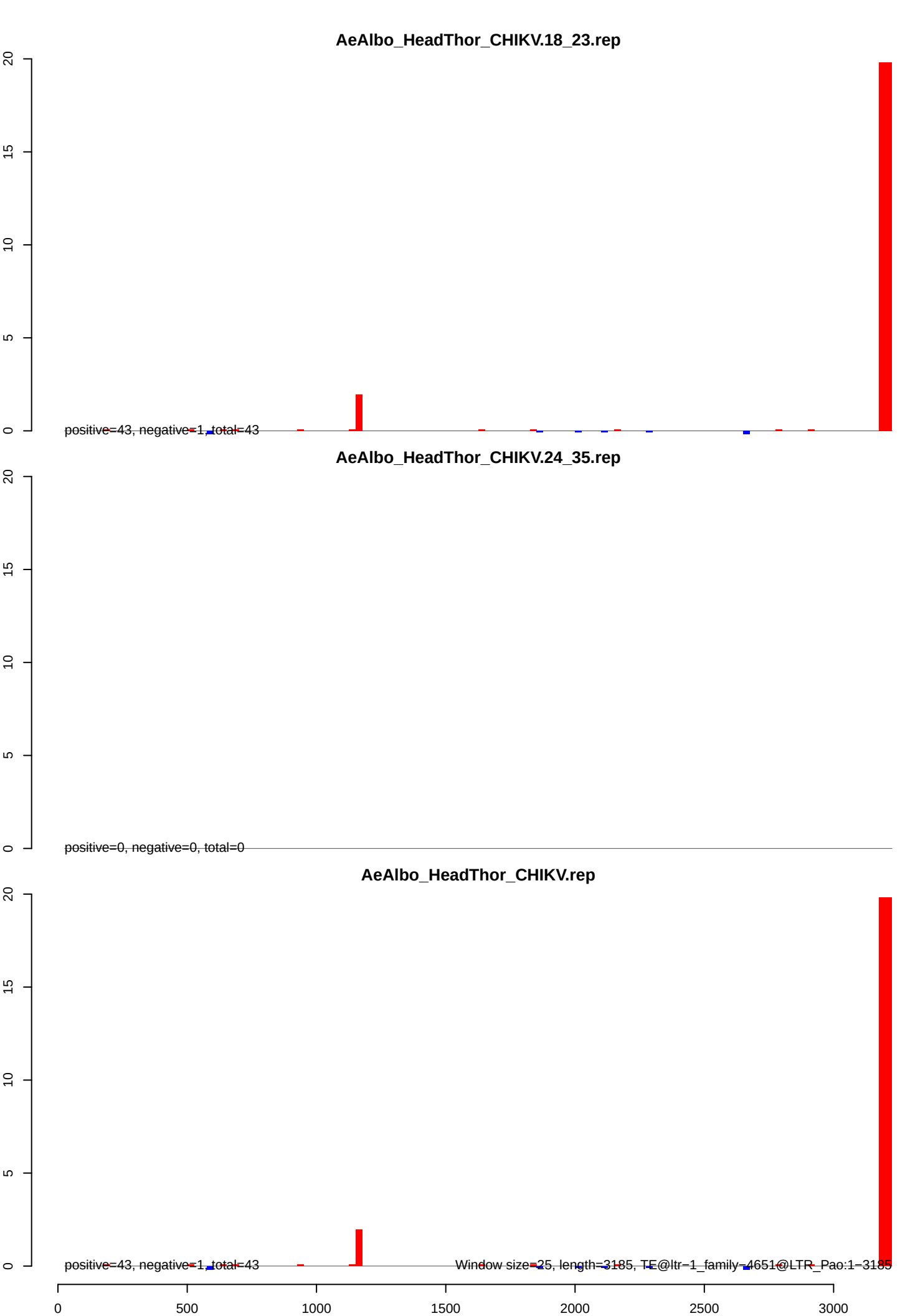

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=4267, TE@ltr−1_family−5097@LTR_Pao:1−4267
0
1000
2000
3000
4000

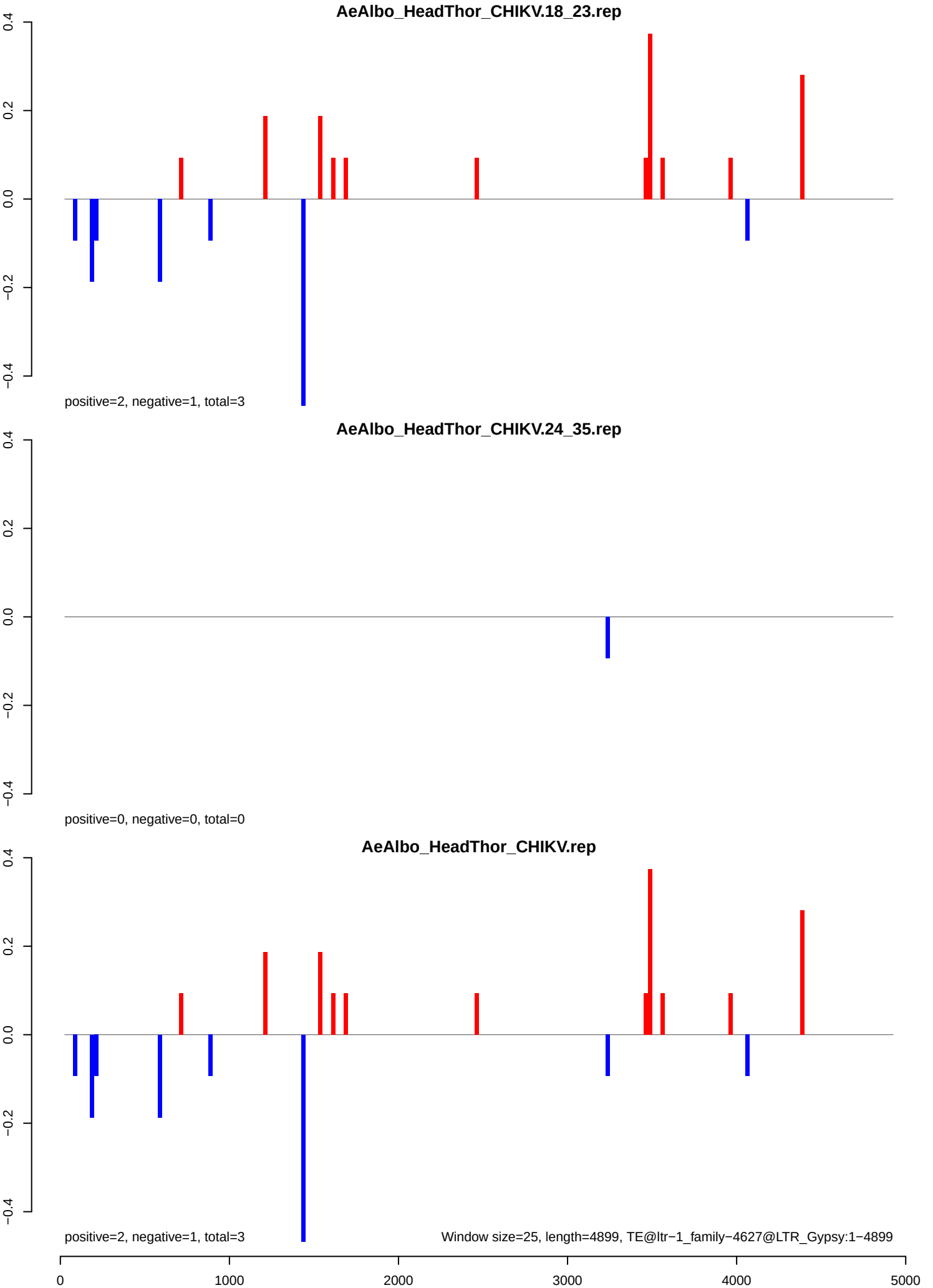

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=5611, TE@ltr−1_family−4995@LTR_Gypsy:1−5611
0
1000
2000
3000
4000
5000

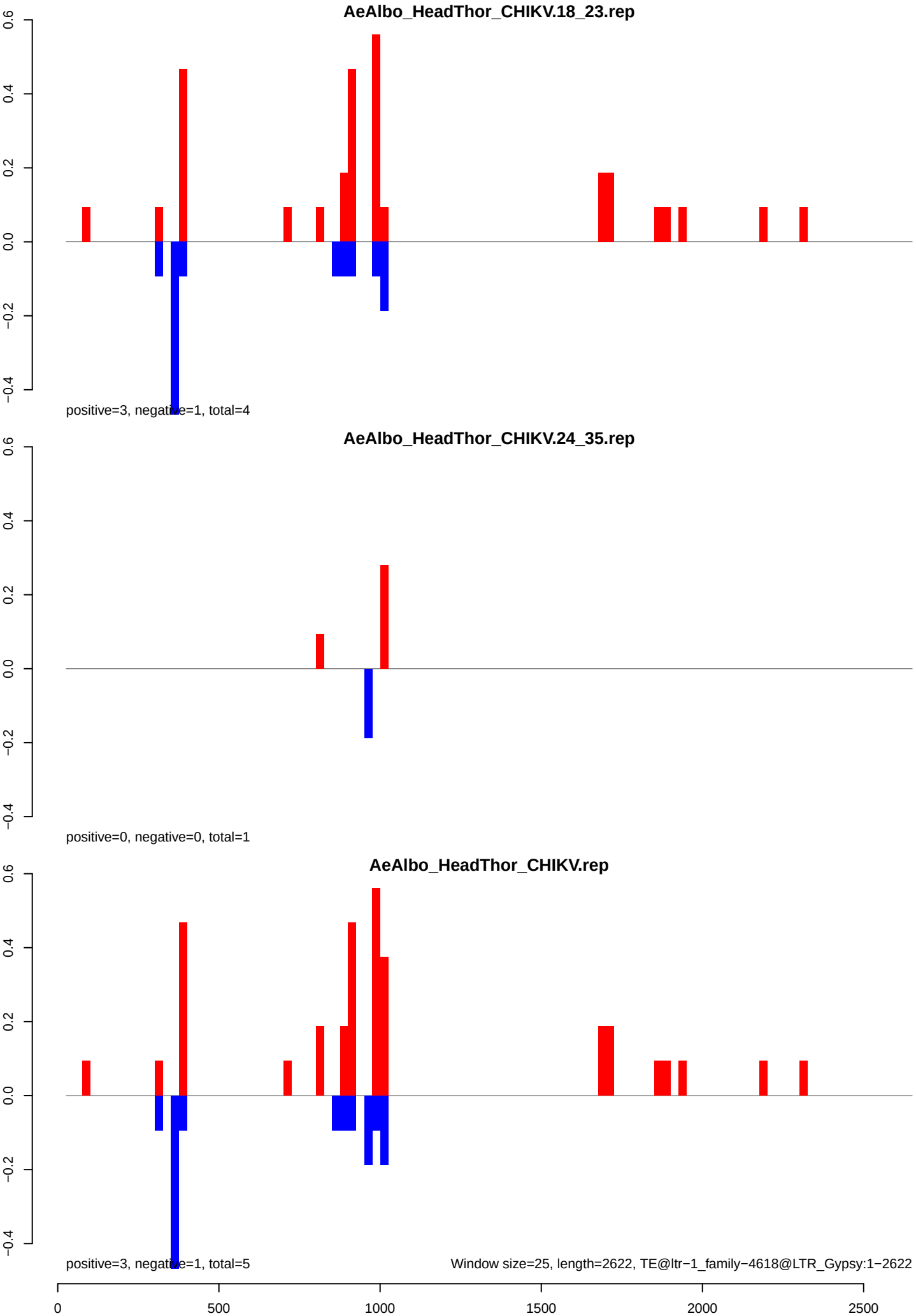

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=8, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=9, total=15
Window size=25, length=3873, TE@ltr−1_family−4965@SINE_tRNA−Deu−I:1−3873
0
1000
2000
3000
4000

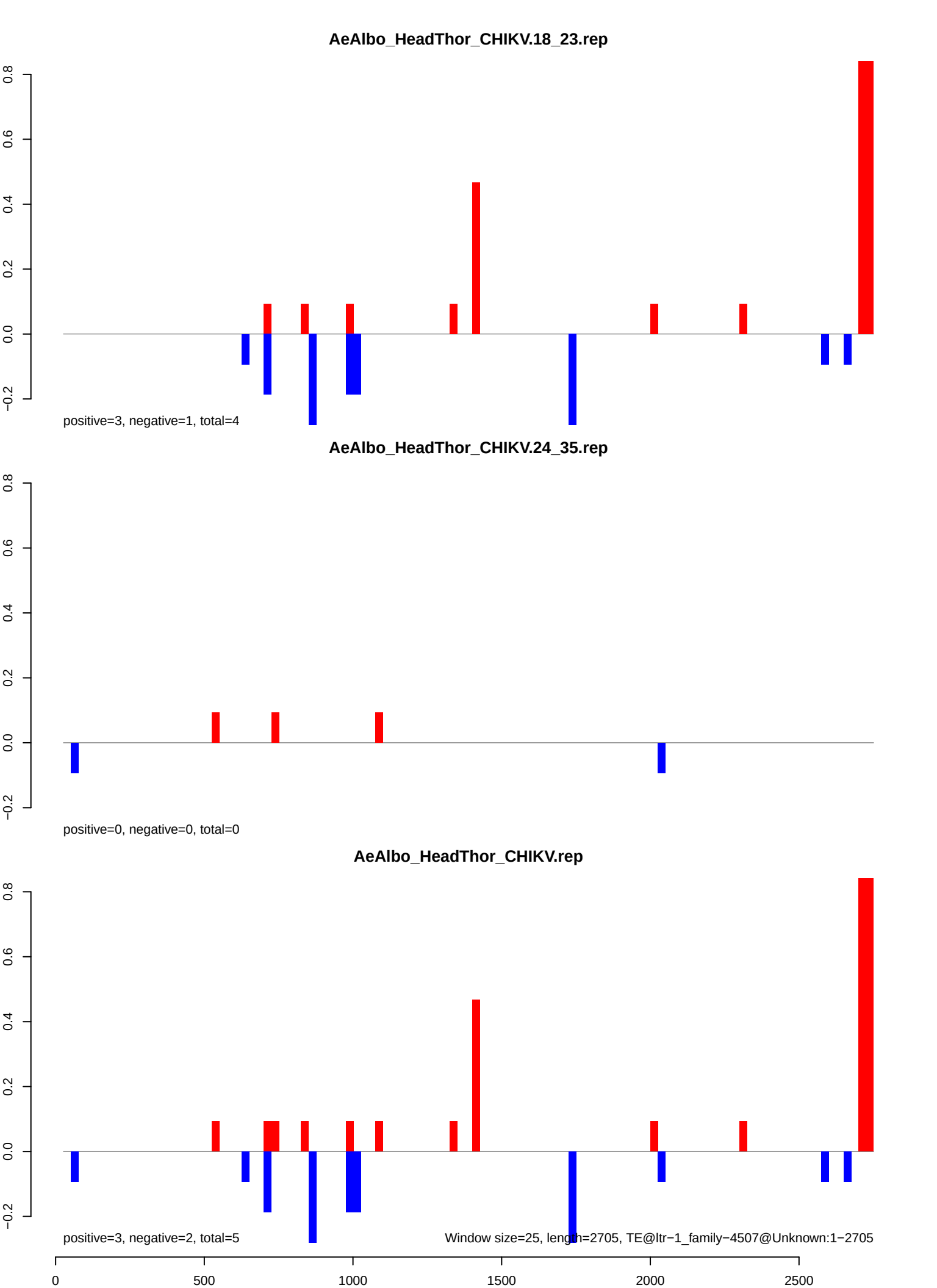

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=8, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=9, total=18
Window size=25, length=2499, TE@ltr−1_family−4824@LTR_Copia:1−2499
0
500
1000
1500
2000
2500

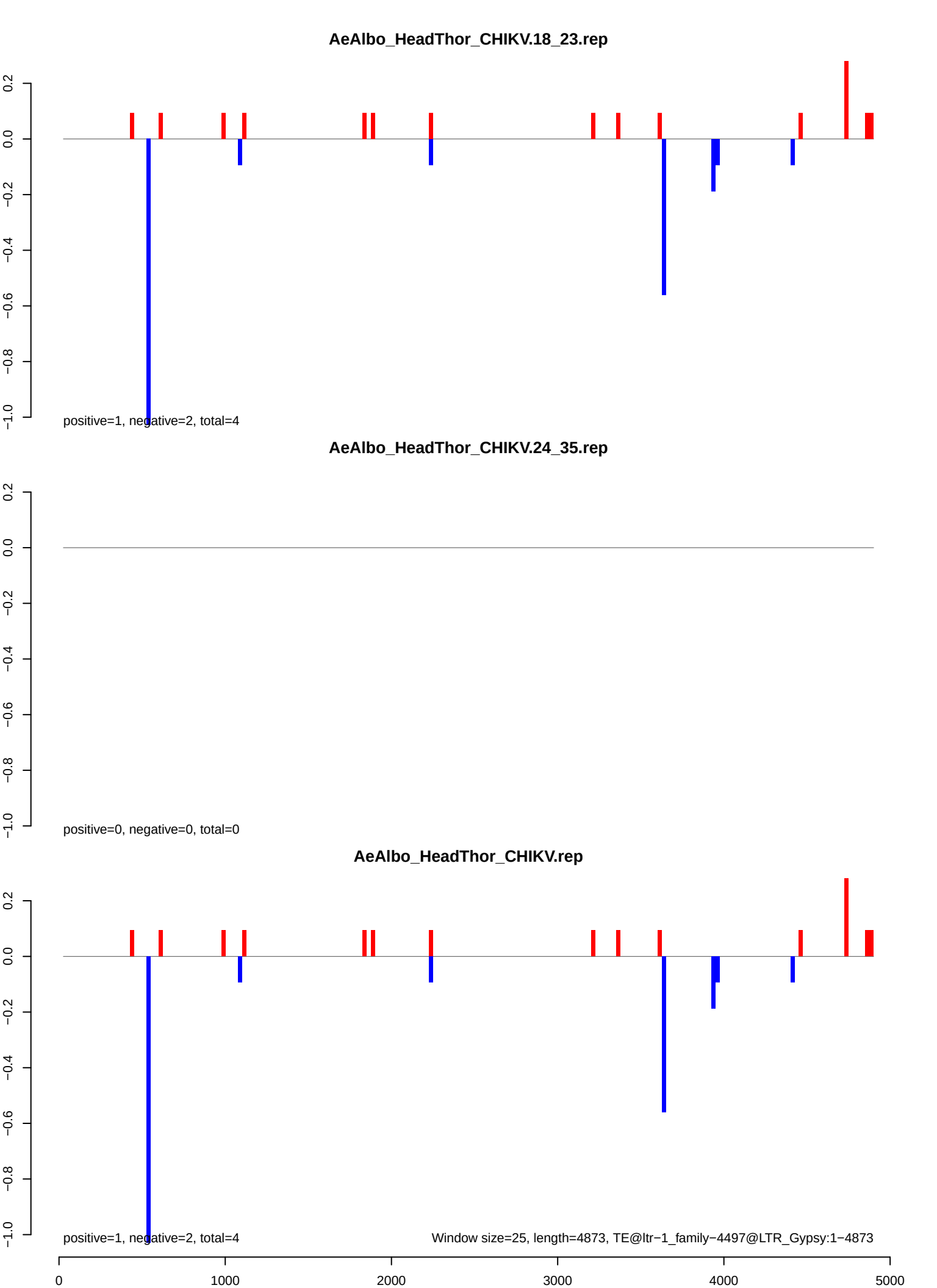

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=0, negative=7, total=7
Window size=25, length=1535, TE@ltr−1_family−4778@LTR_Gypsy:1−1535
0
500
1000
1500

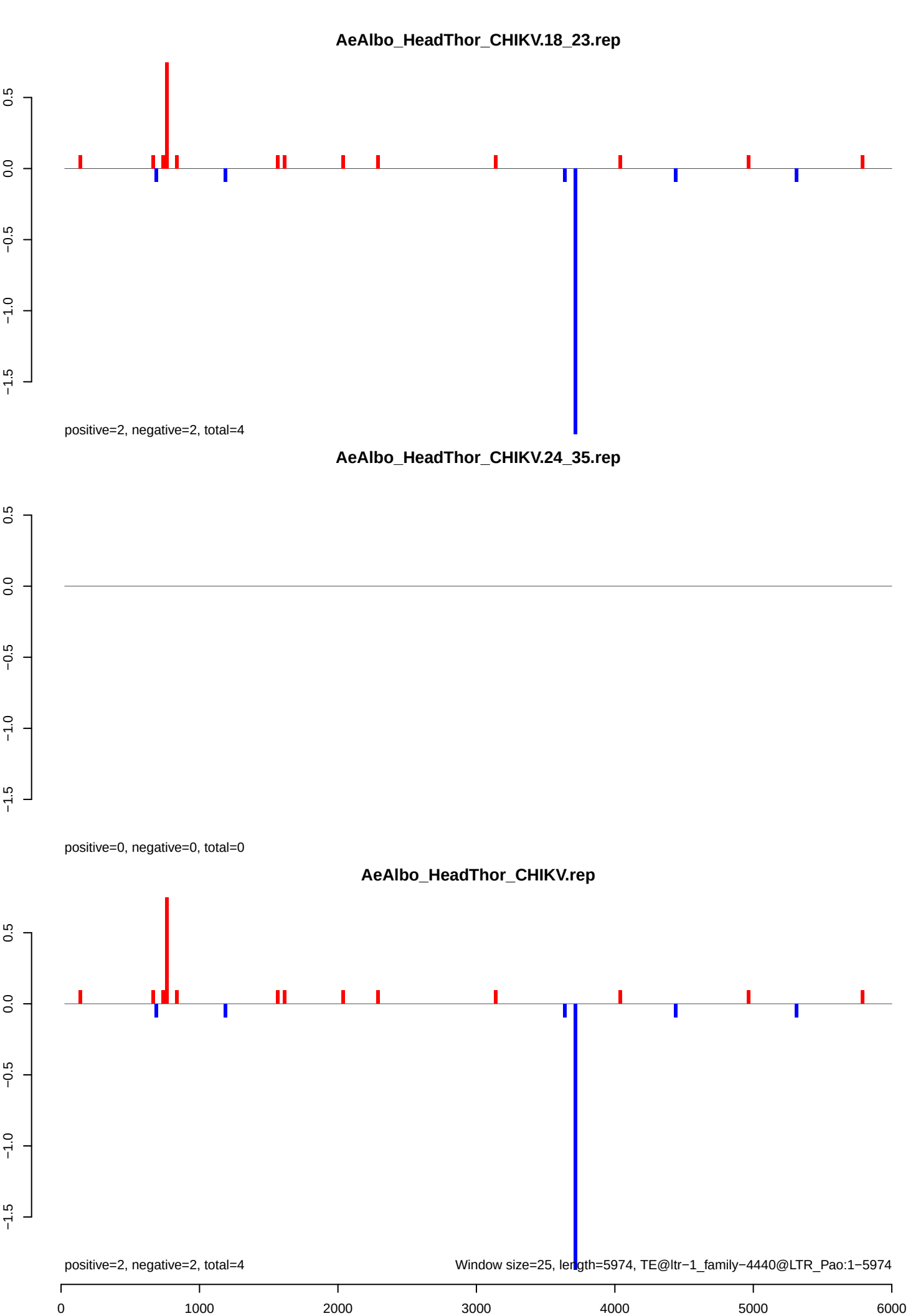

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=43, negative=1, total=43
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=43, negative=1, total=43
Window size=25, length=3185, TE@ltr-1_family-4651@LTR_Pao:1-3185
0
5
10
15
20
0
500
1000
1500
2000
2500
3000

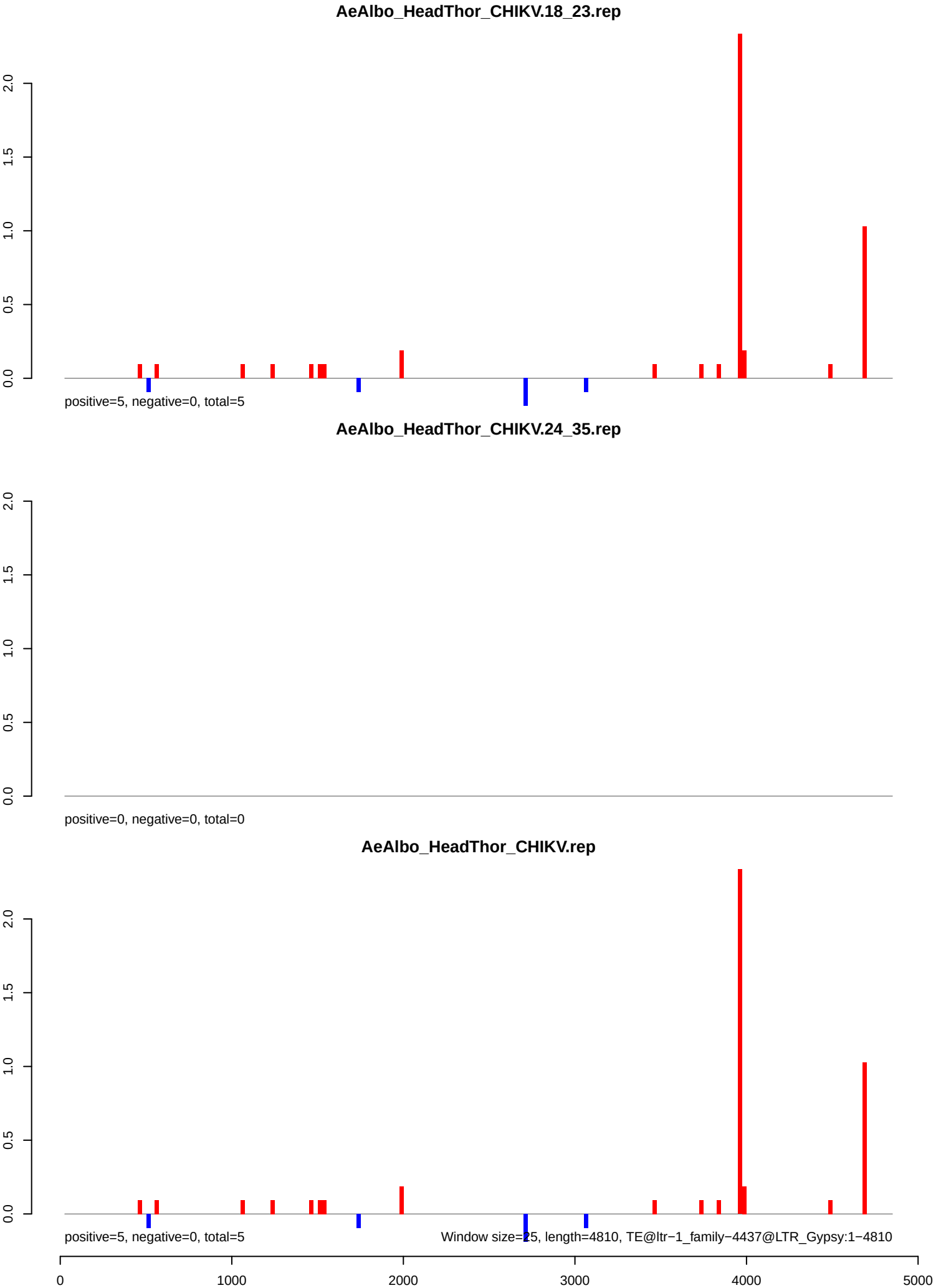

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
Window size=25, length=4899, TE@ltr−1_family−4627@LTR_Gypsy:1−4899
0
1000
2000
3000
4000
5000

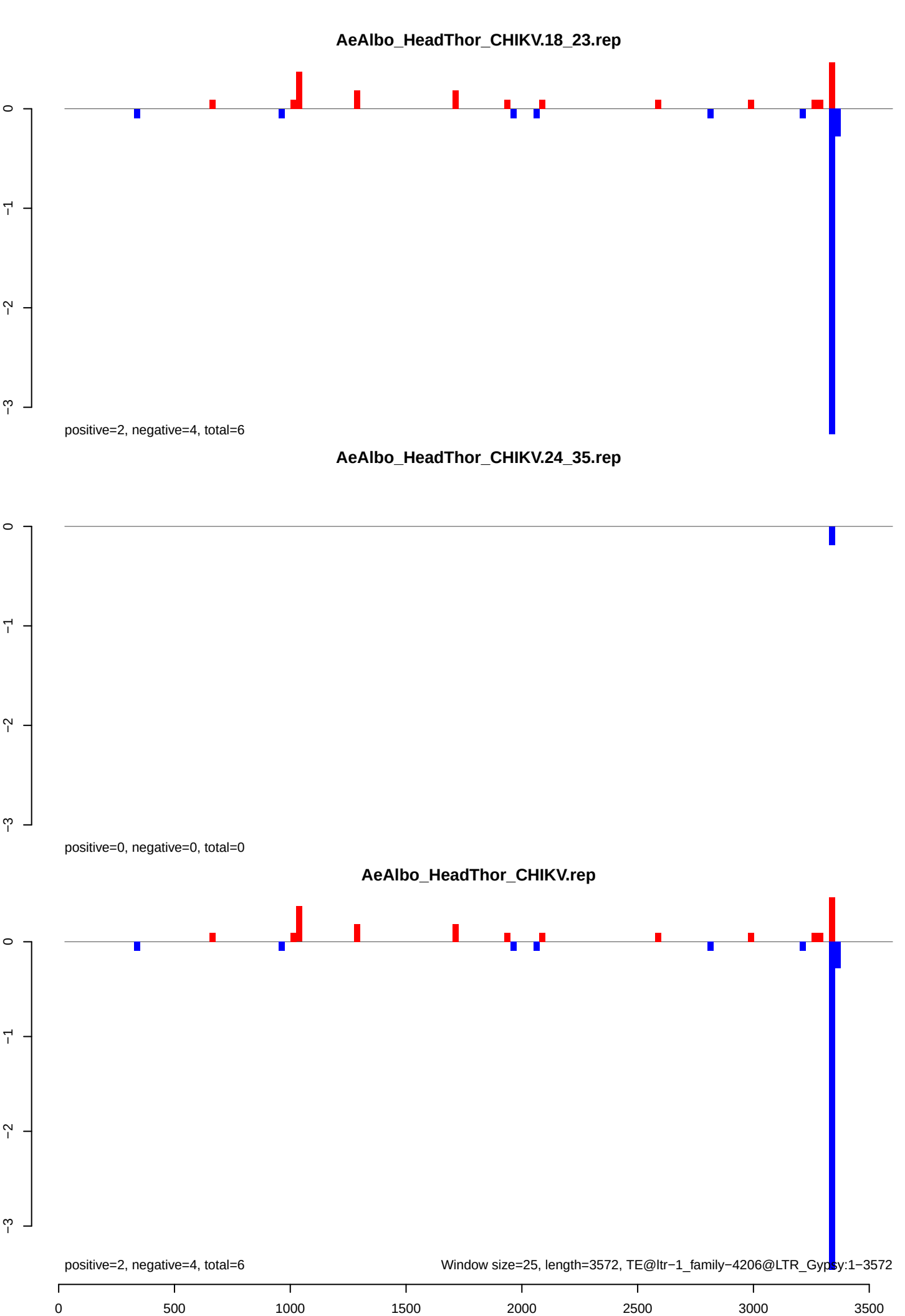

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=5
Window size=25, length=2622, TE@ltr−1_family−4618@LTR_Gypsy:1−2622
0
500
1000
1500
2000
2500

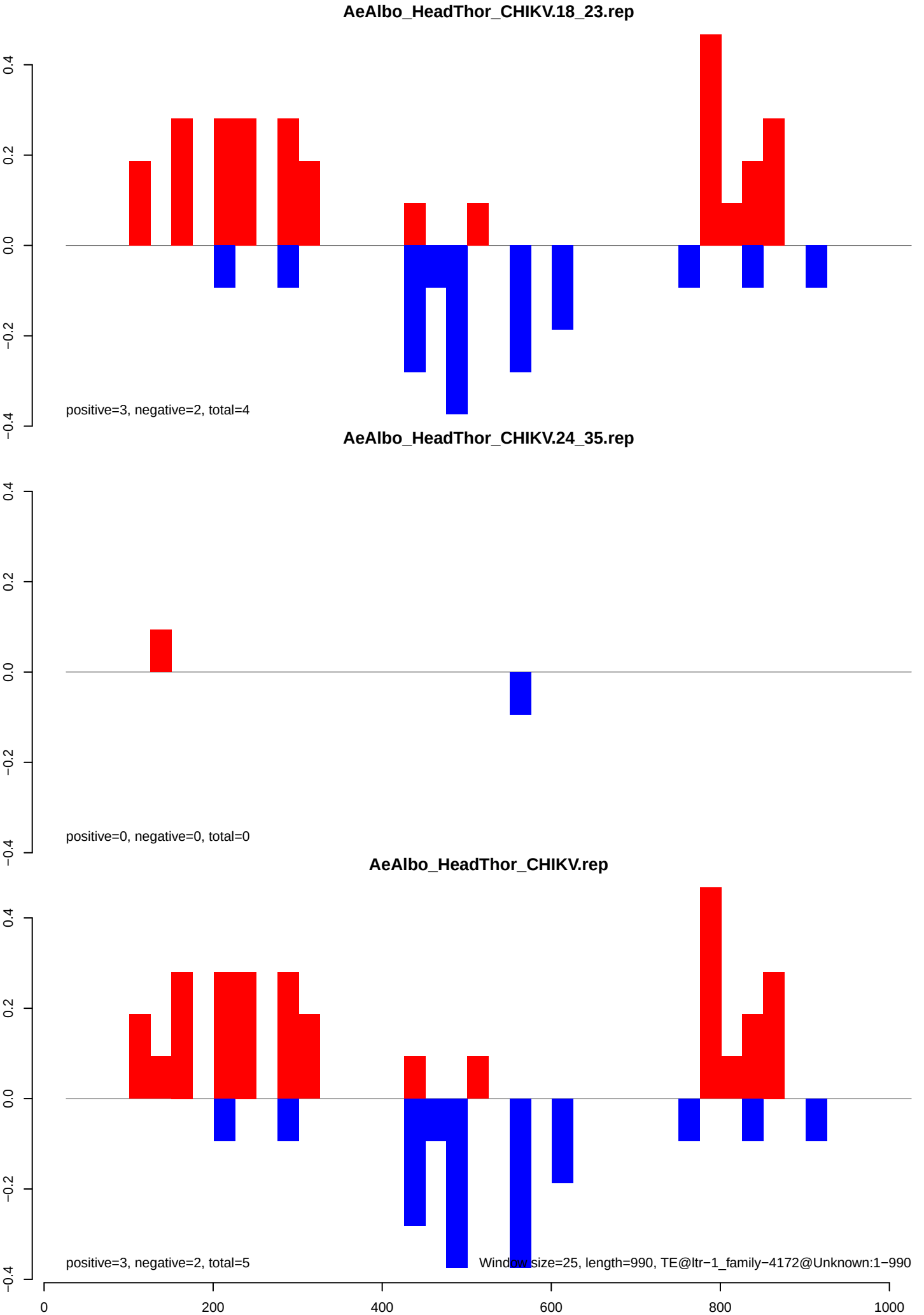

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=2, total=5
Window size=25, length=2705, TE@ltr−1_family−4507@Unknown:1−2705
0
500
1000
1500
2000
2500

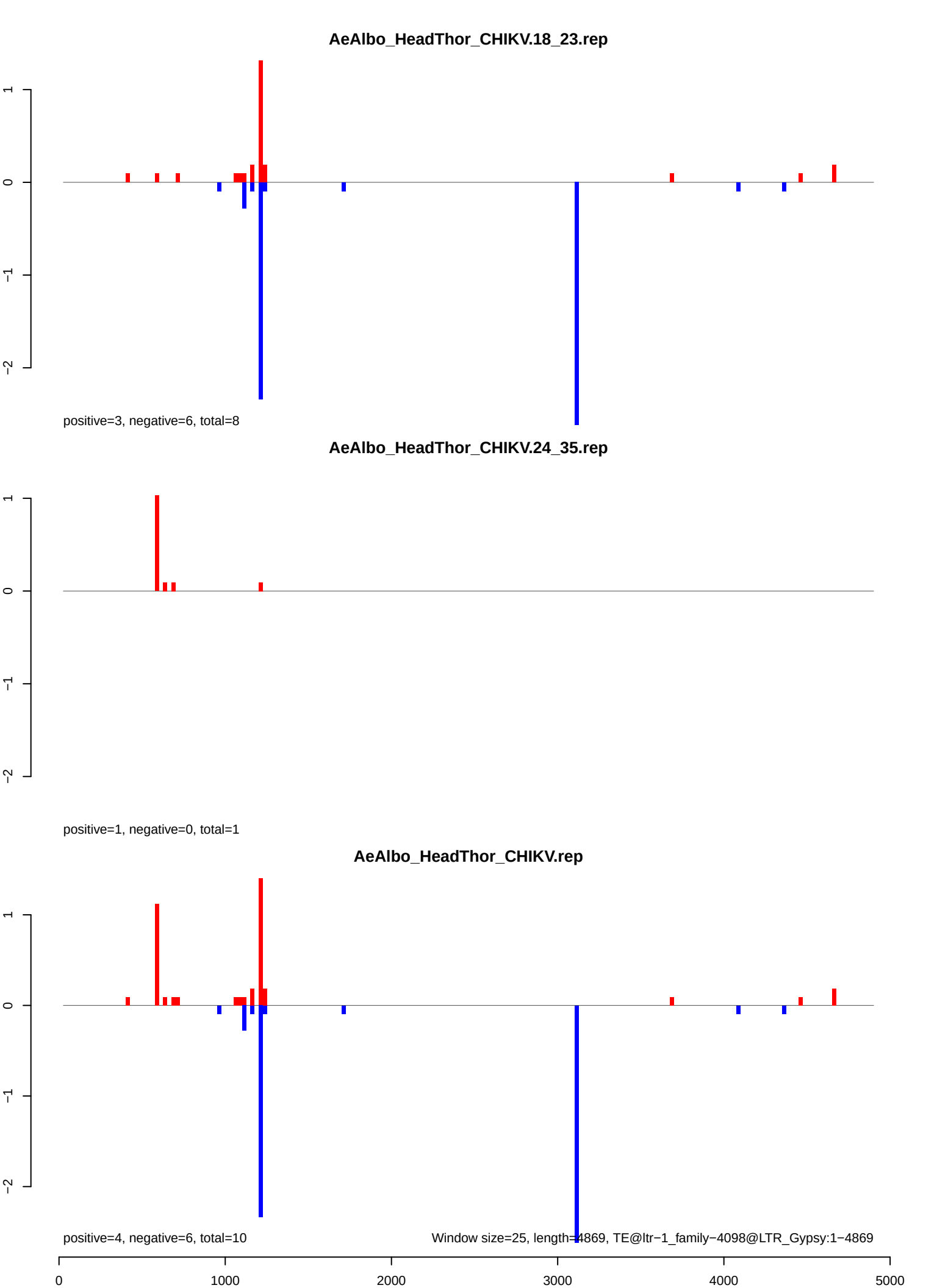

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=2, total=4
Window size=25, length=4873, TE@ltr−1_family−4497@LTR_Gypsy:1−4873
0
1000
2000
3000
4000
5000

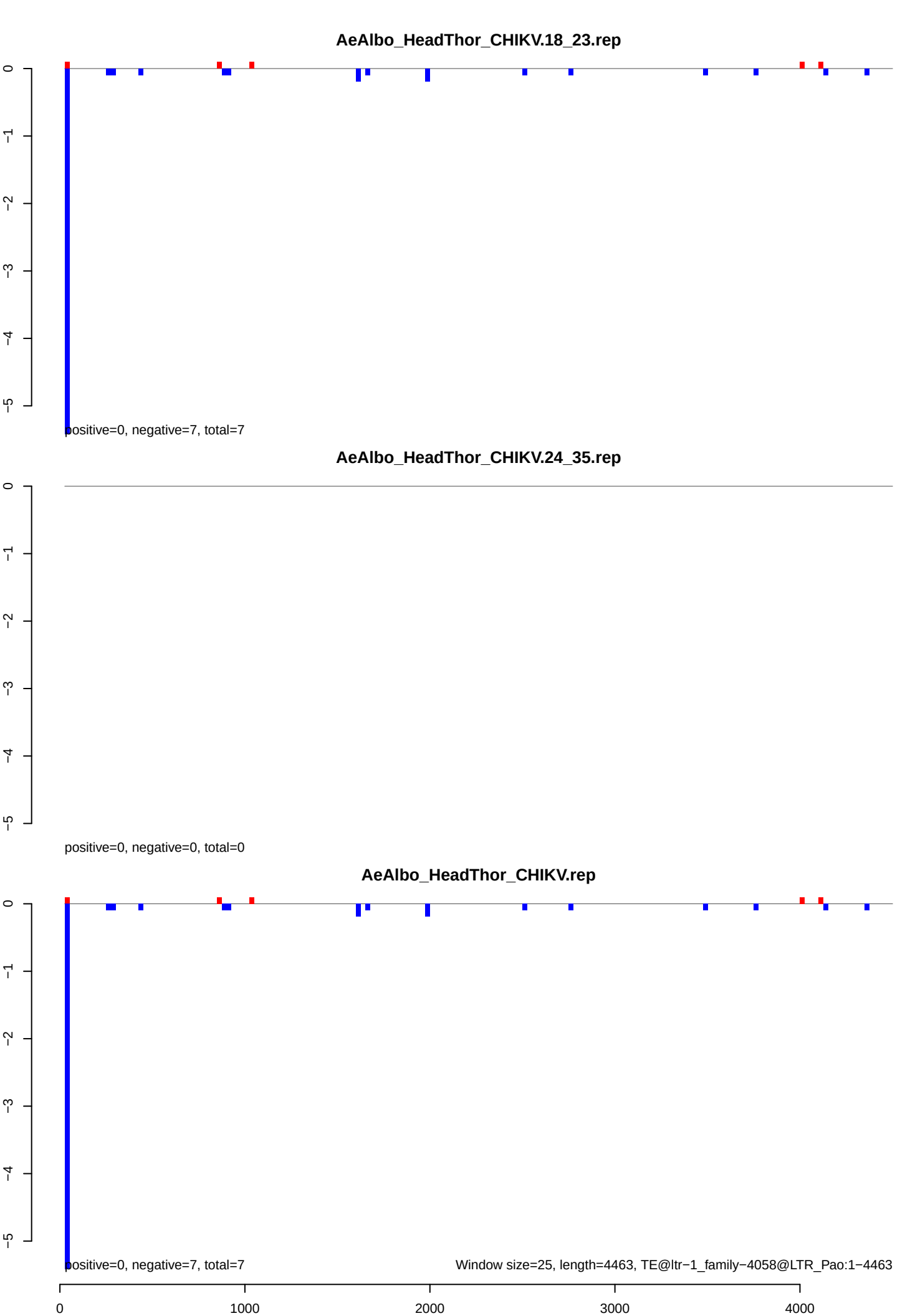

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=4
Window size=25, length=5974, TE@ltr−1_family−4440@LTR_Pao:1−5974
0
1000
2000
3000
4000
5000
6000

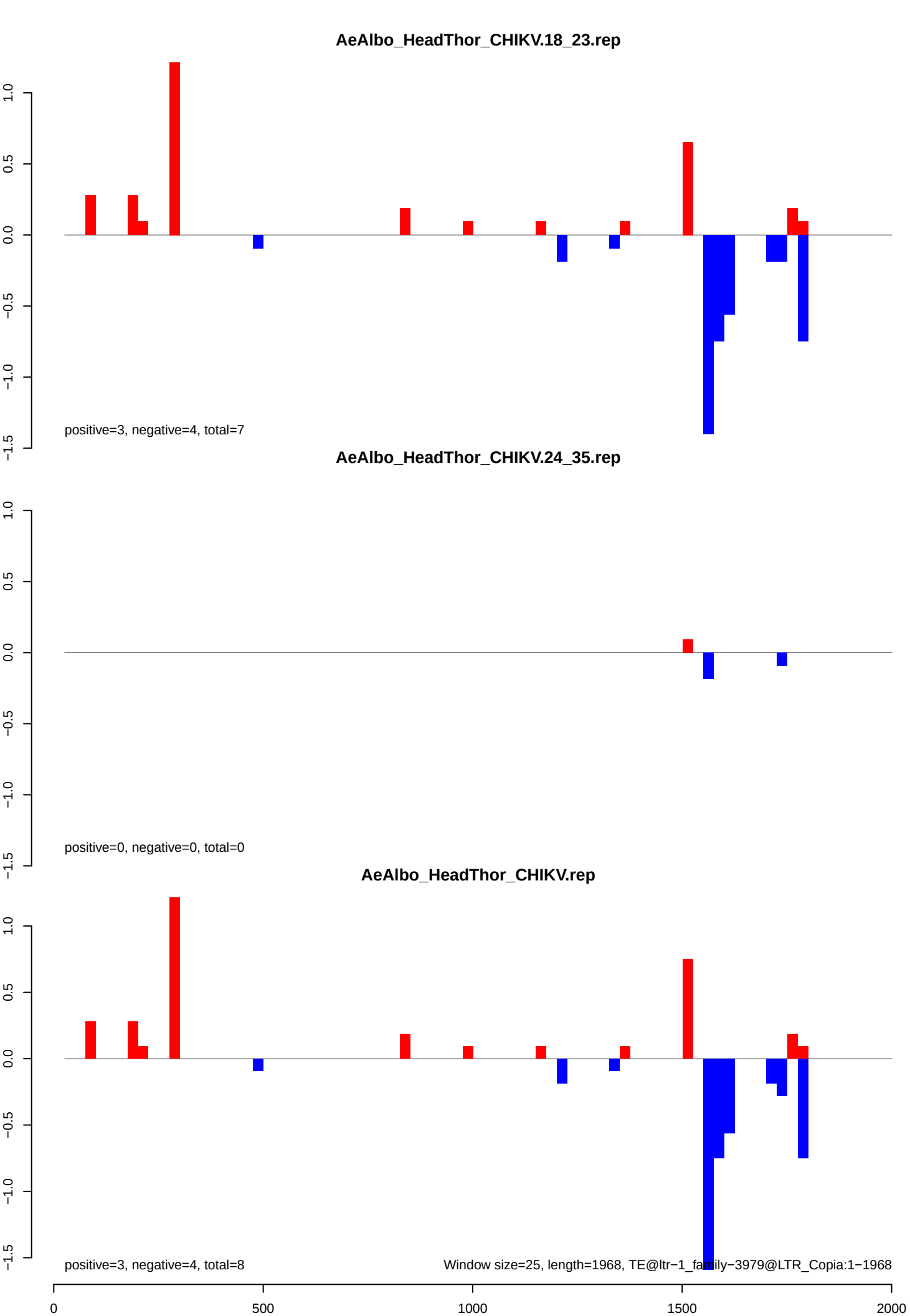

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
positive=5, negative=0, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
positive=5, negative=0, total=5
Window size=25, length=4810, TE@ltr−1_family−4437@LTR_Gypsy:1−4810
0
1000
2000
3000
4000
5000

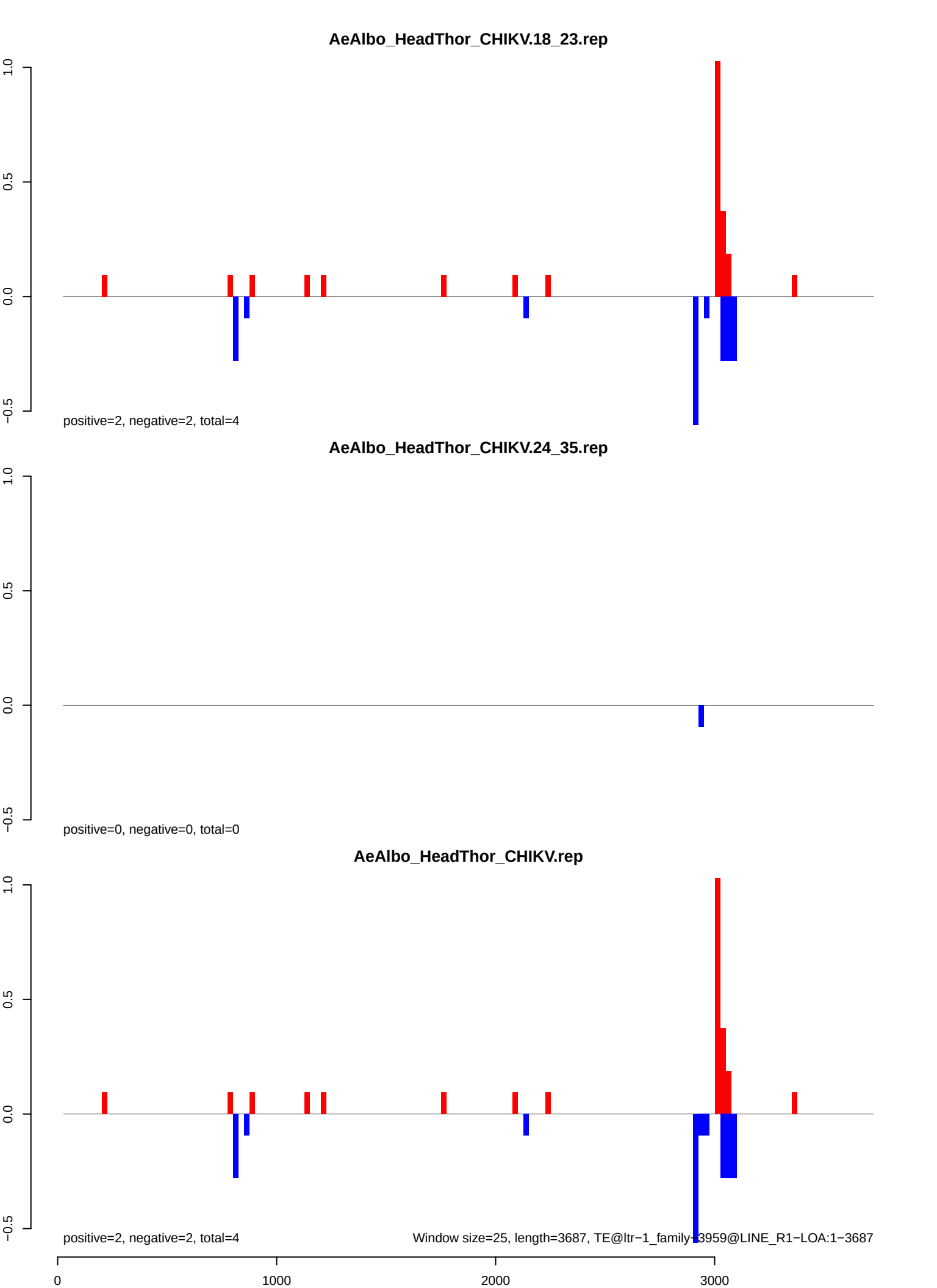

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=2, negative=4, total=6
Window size=25, length=3572, TE@ltr−1_family−4206@LTR_Gypsy:1−3572
0
500
1000
1500
2000
2500
3000
3500

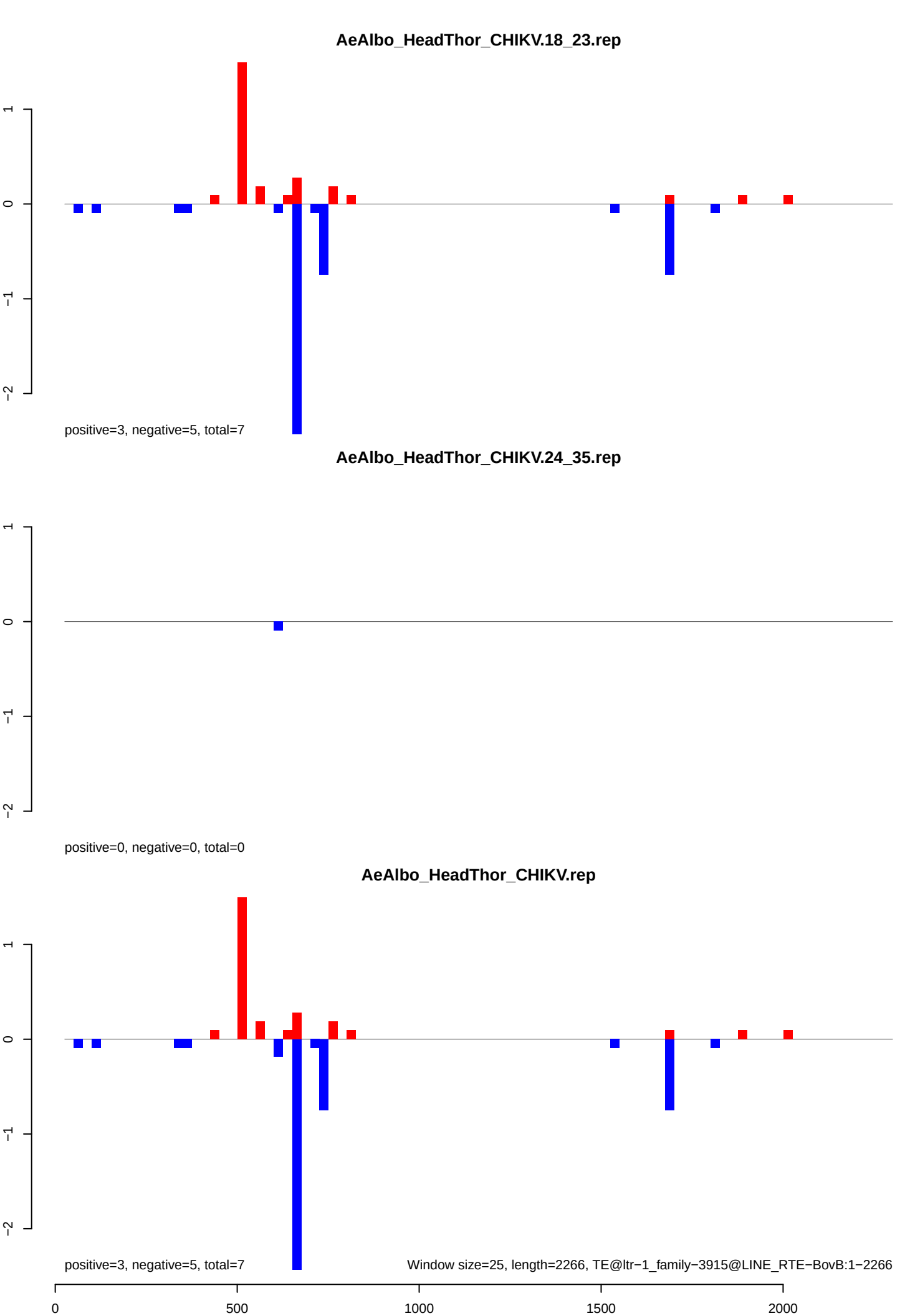

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=990, TE@ltr−1_family−4172@Unknown:1−990
0.4
0.2
0.0
−0.2
−0.4
0
200
400
600
800
1000

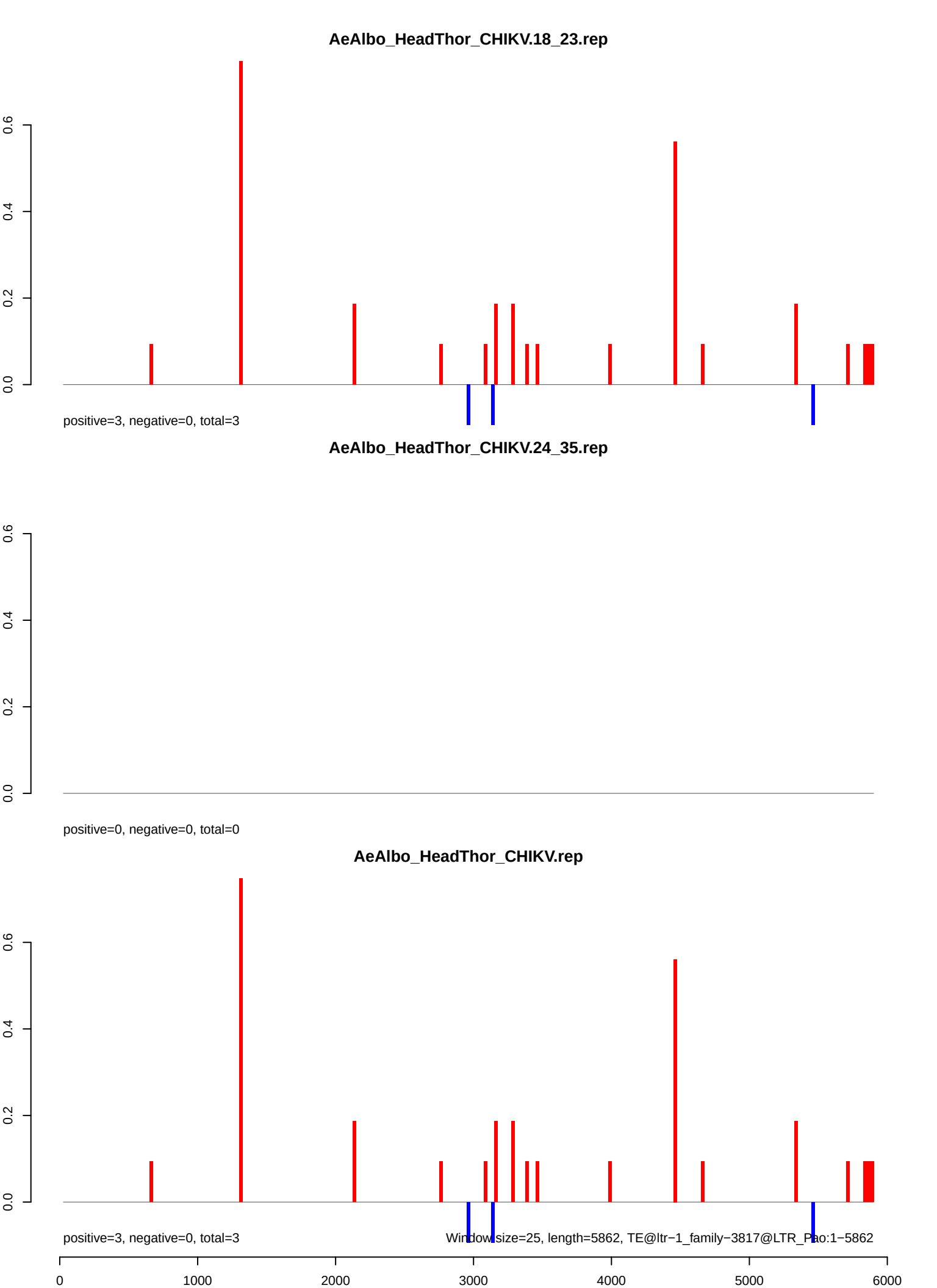

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=3, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=4, negative=6, total=10
Window size=25, length=4869, TE@ltr−1_family−4098@LTR_Gypsy:1−4869
0
1000
2000
3000
4000
5000

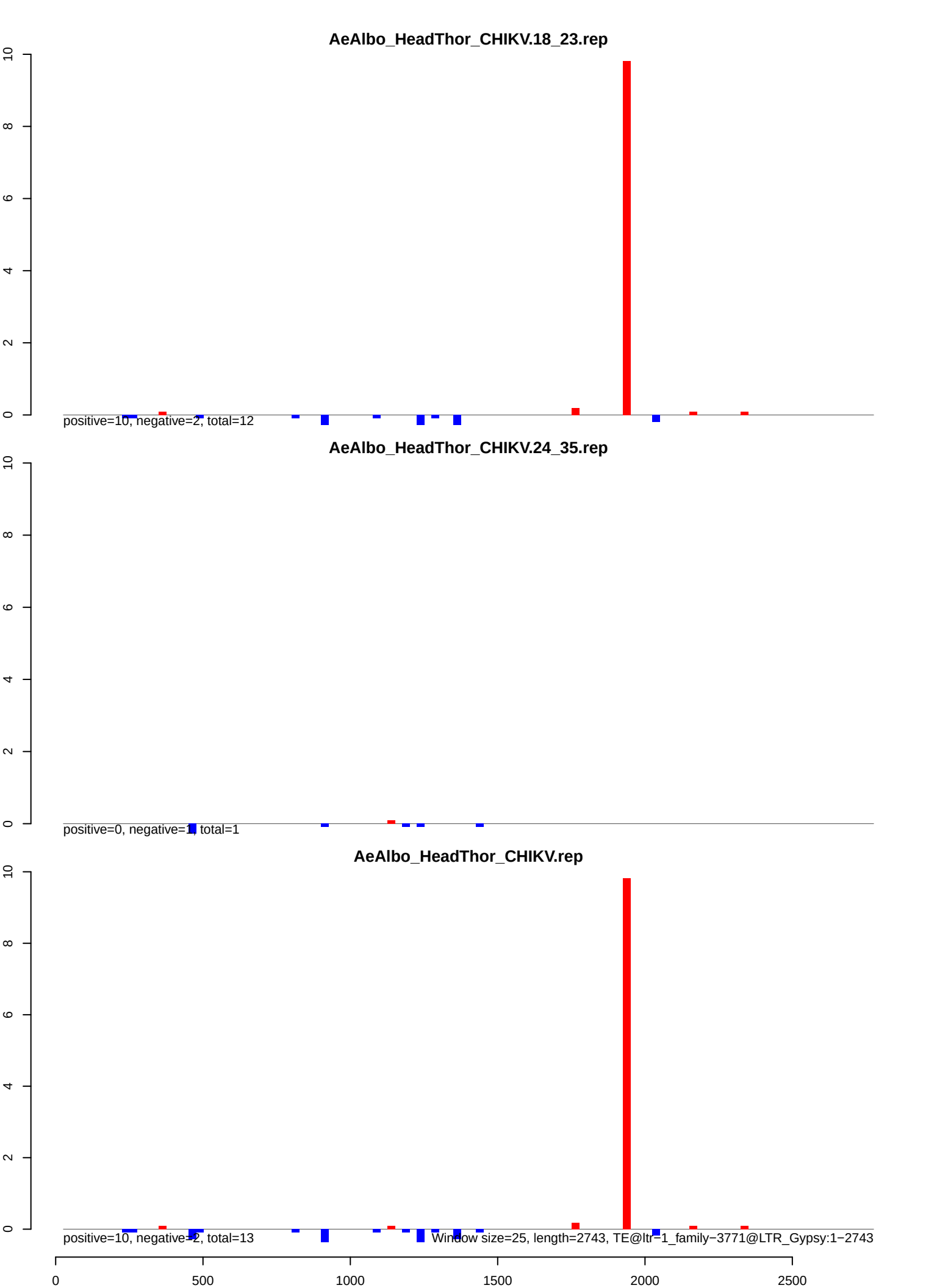

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=0, negative=7, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=0, negative=7, total=7
Window size=25, length=4463, TE@ltr−1_family−4058@LTR_Pao:1−4463
0
1000
2000
3000
4000

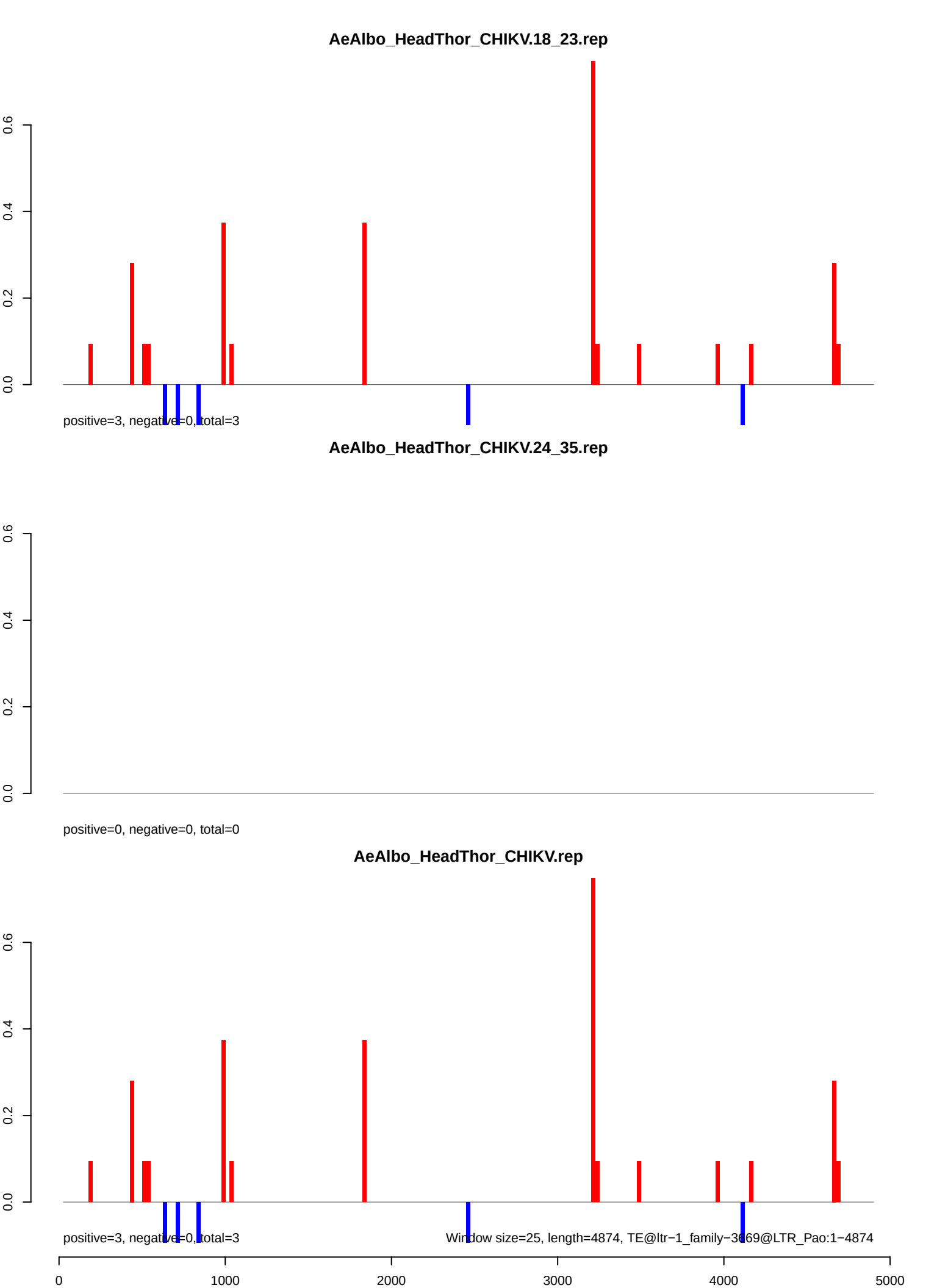

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=4, total=8
Window size=25, length=1968, TE@ltr−1_family−3979@LTR_Copia:1−1968
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
500
1000
1500
2000

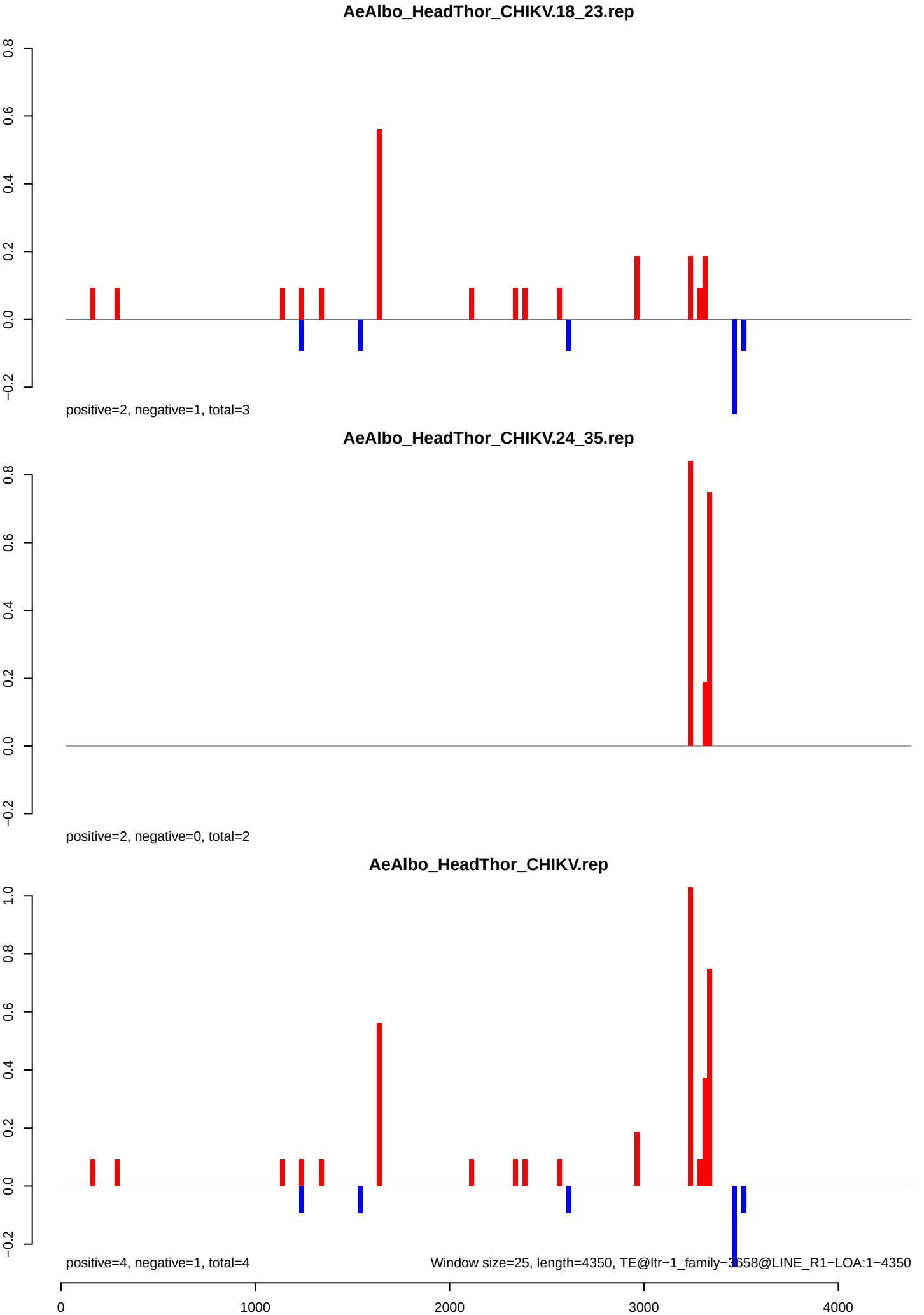

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=4
Window size=25, length=3687, TE@ltr−1_family−3959@LINE_R1−LOA:1−3687
0
1000
2000
3000

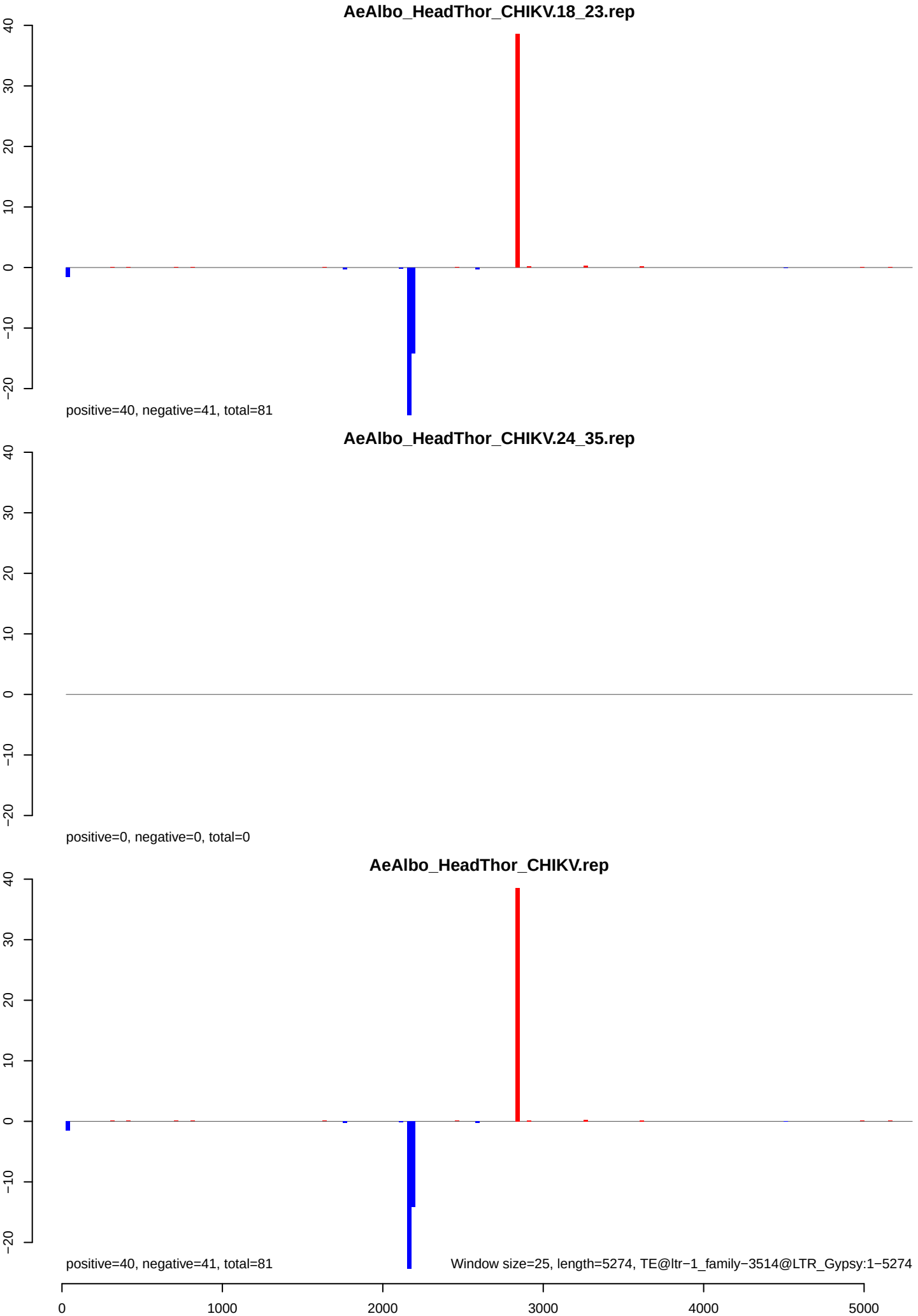

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=5, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=5, total=7
Window size=25, length=2266, TE@ltr−1_family−3915@LINE_RTE−BovB:1−2266
0
500
1000
1500
2000

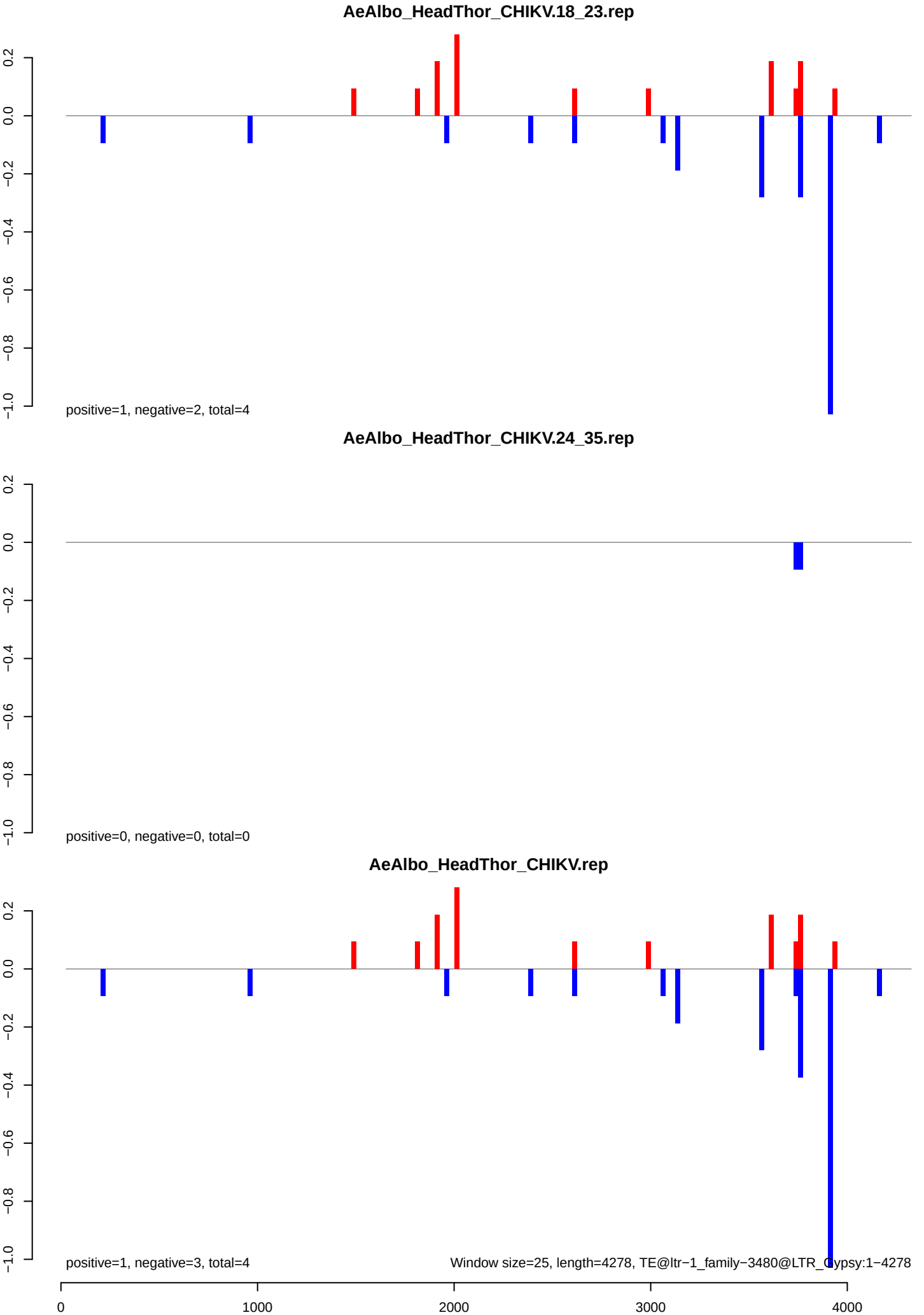

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=3, negative=0, total=3
Window size=25, length=5862, TE@ltr−1_family−3817@LTR_Pao:1−5862
0
1000
2000
3000
4000
5000
6000

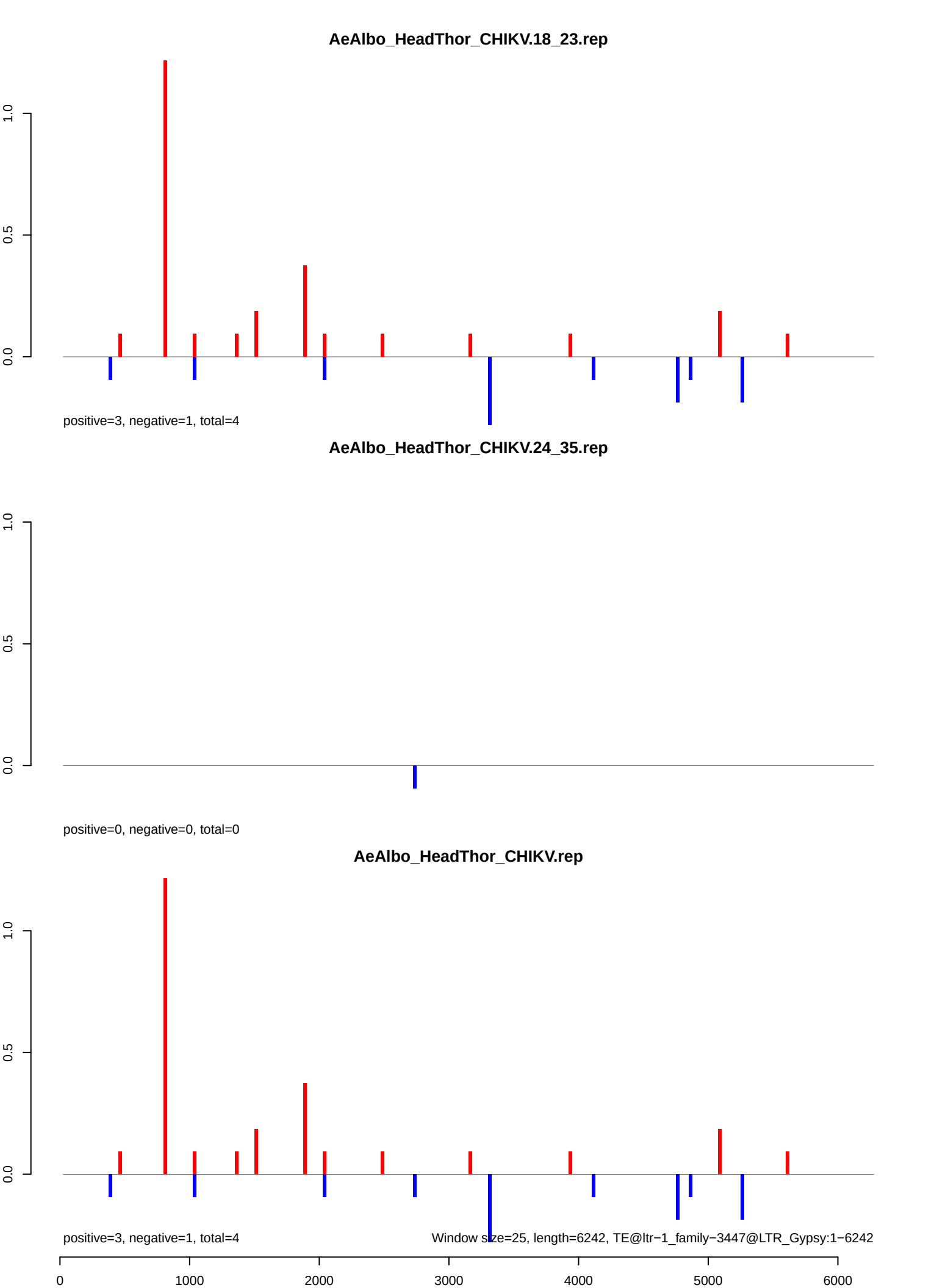

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=10, negative=2, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=2, total=13
Window size=25, length=2743, TE@ltr−1_family−3771@LTR_Gypsy:1−2743
0
2
4
6
8
10
0
500
1000
1500
2000
2500

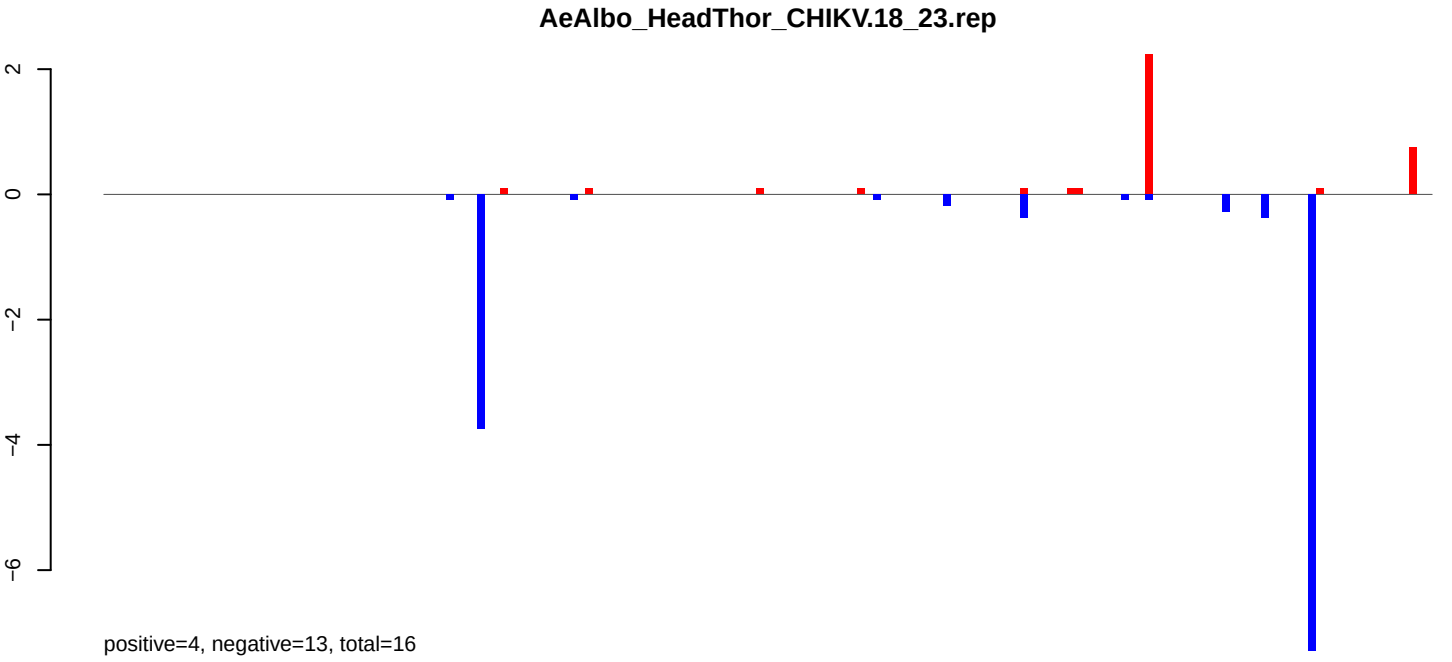

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=3, negative=0, total=3
Window size=25, length=4874, TE@ltr−1_family−3669@LTR_Pao:1−4874
0
1000
2000
3000
4000
5000

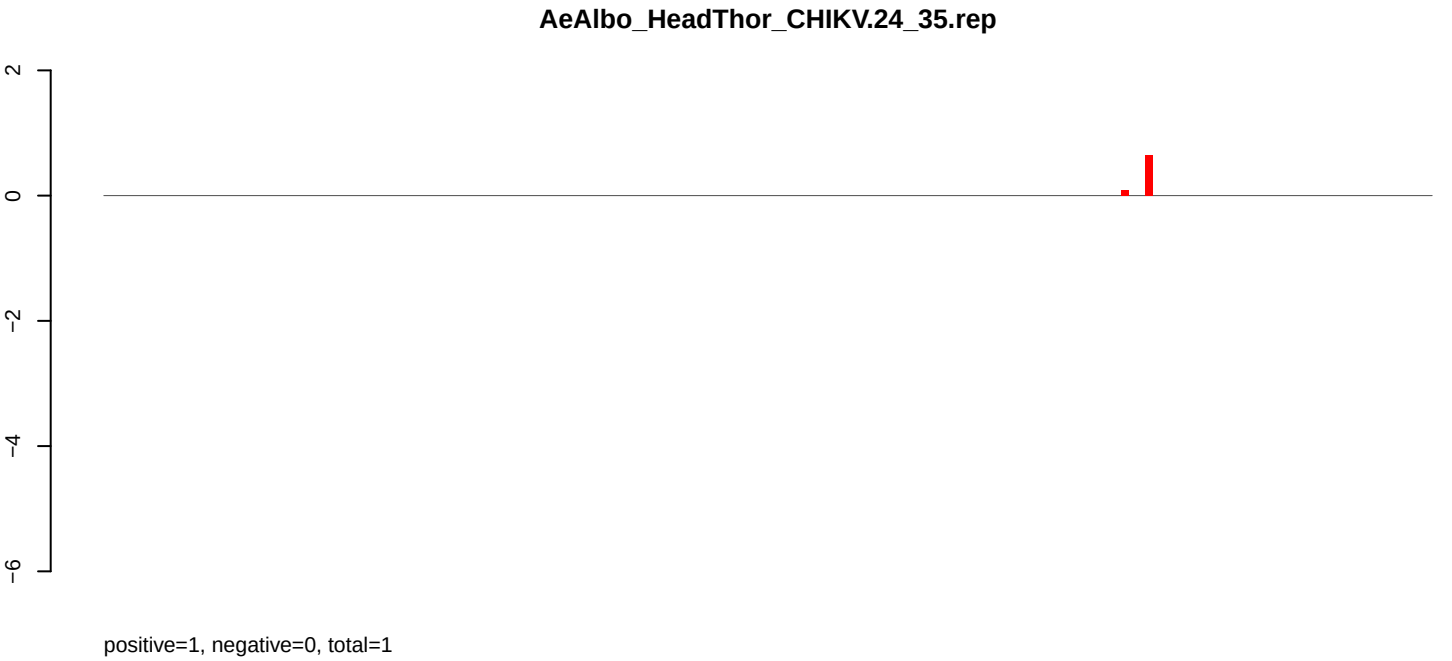

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=4, negative=1, total=4
Window size=25, length=4350, TE@ltr−1_family−3658@LINE_R1−LOA:1−4350
0
1000
2000
3000
4000

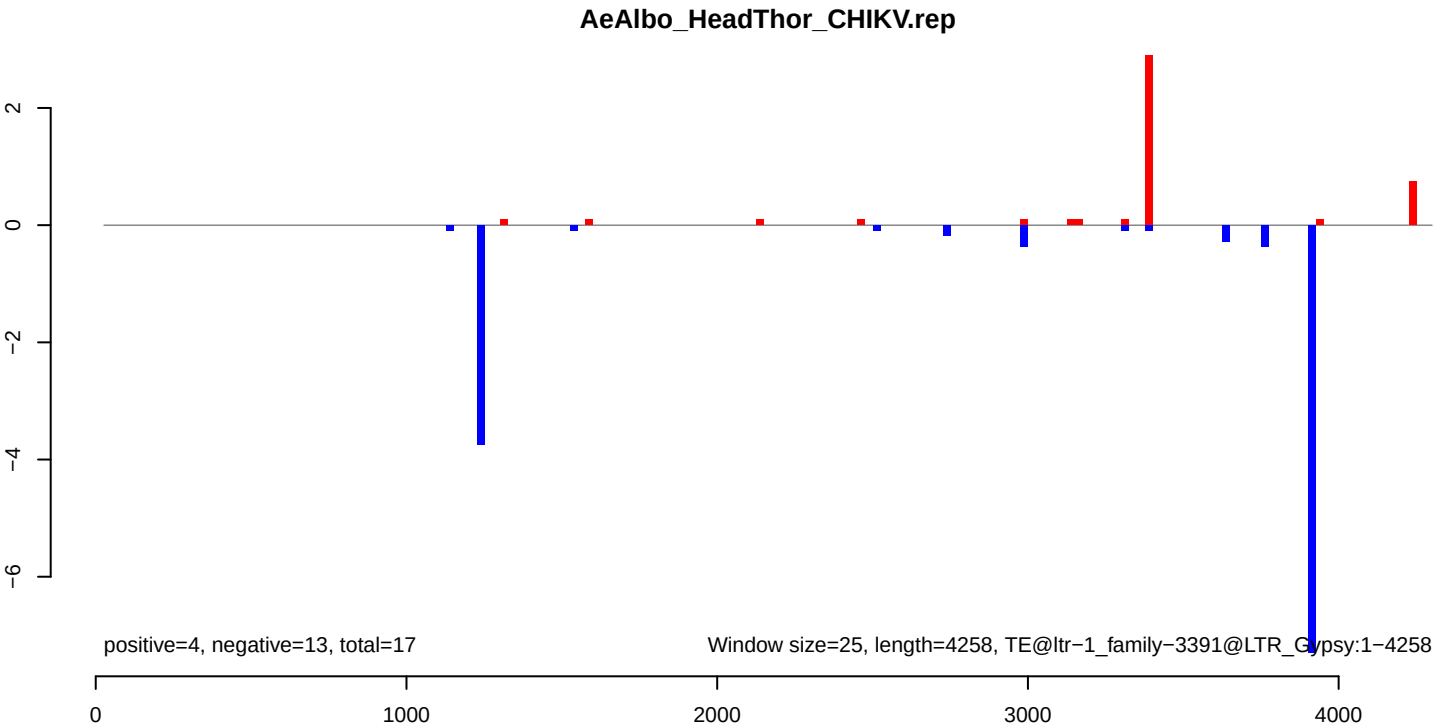

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=40, negative=41, total=81
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=40, negative=41, total=81
Window size=25, length=5274, TE@ltr−1_family−3514@LTR_Gypsy:1−5274
40
30
20
10
0
−10
−20
0
1000
2000
3000
4000
5000

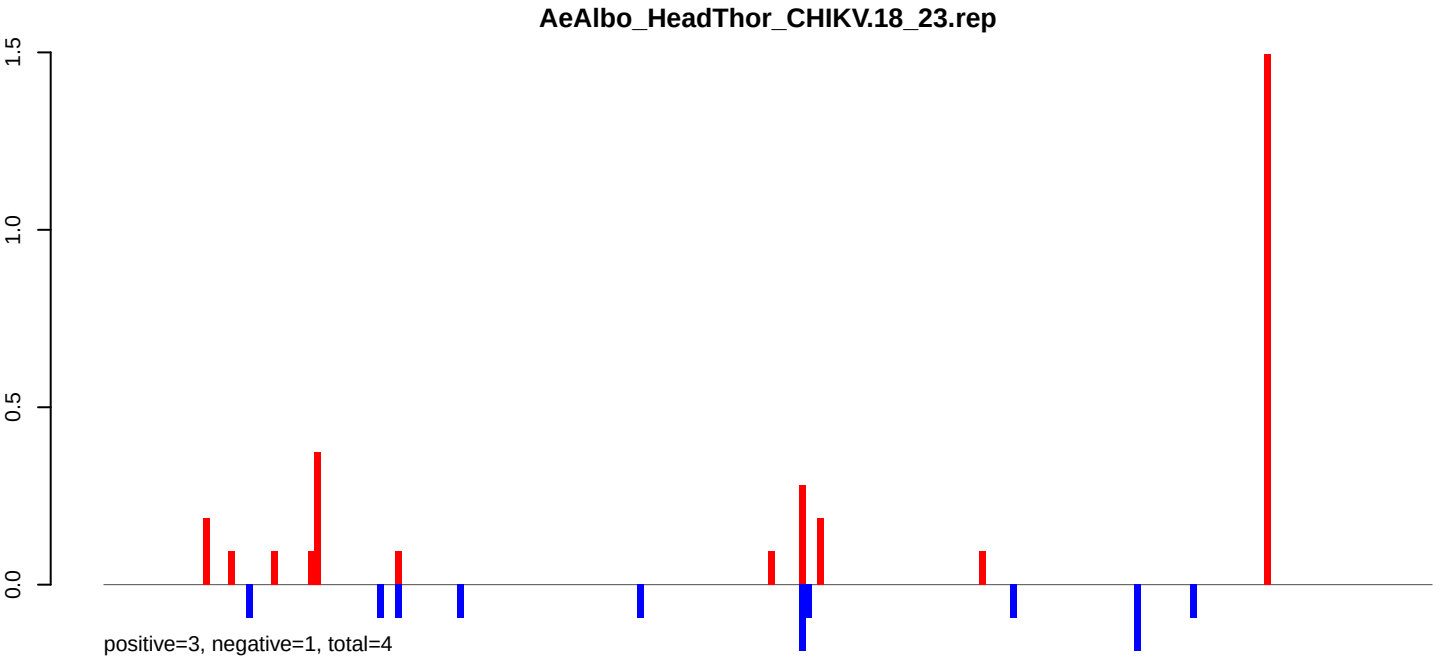

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=3, total=4
Window size=25, length=4278, TE@ltr−1_family−3480@LTR_Gypsy:1−4278
0
1000
2000
3000
4000

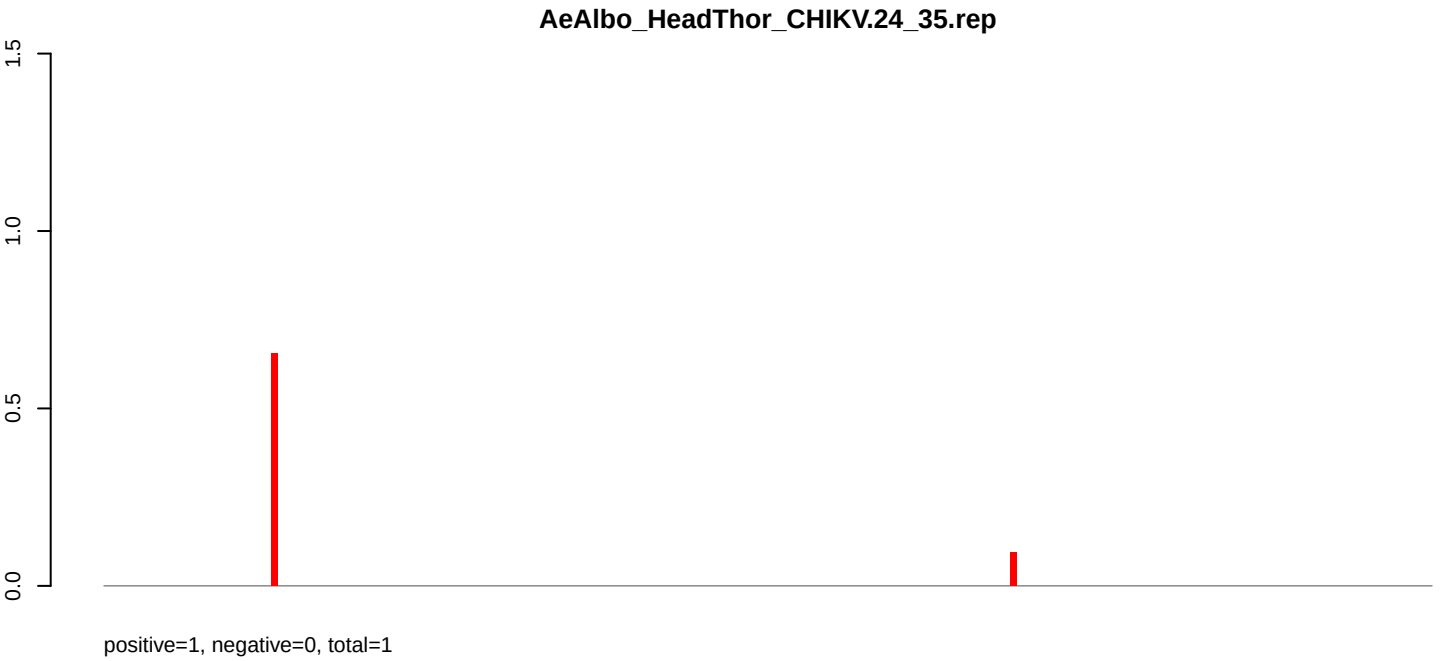

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=3, negative=1, total=4
Window size=25, length=6242, TE@ltr−1_family−3447@LTR_Gypsy:1−6242
0
1000
2000
3000
4000
5000
6000

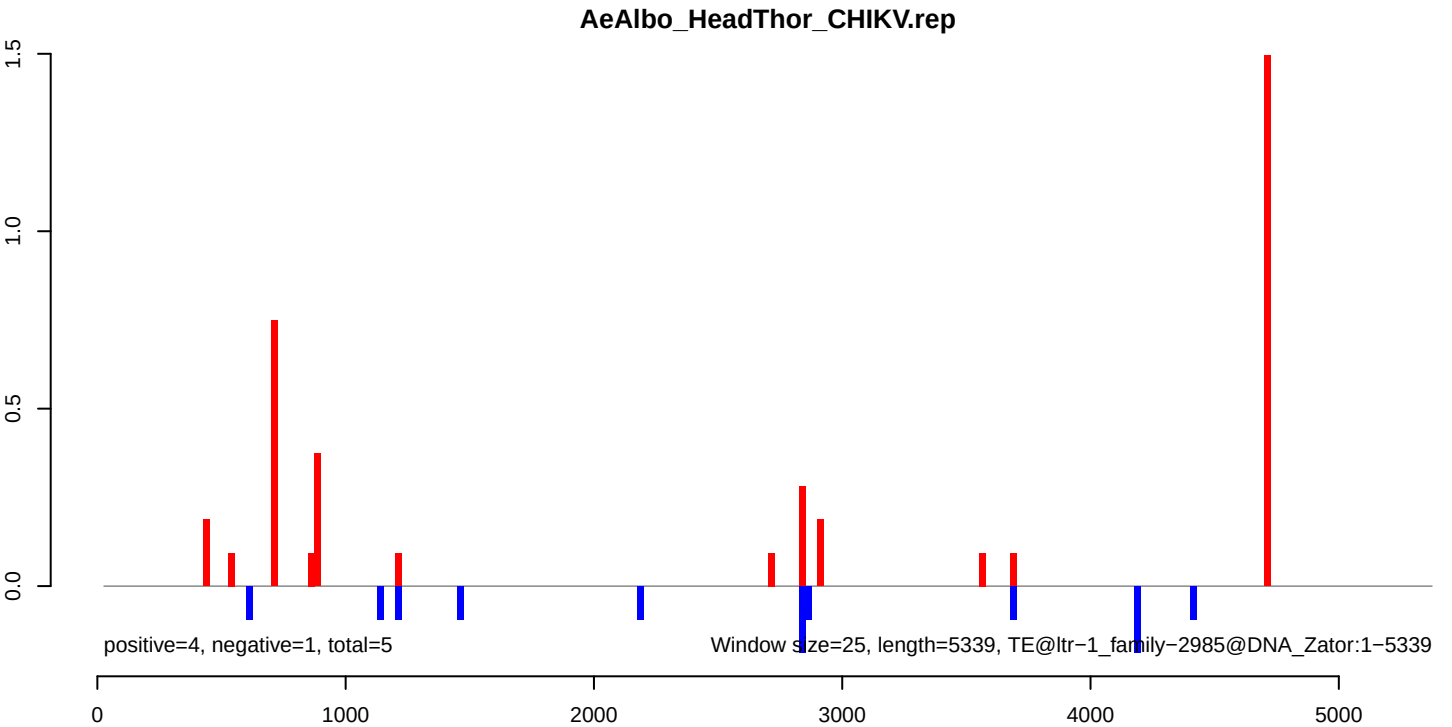

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
−6
positive=4, negative=13, total=16

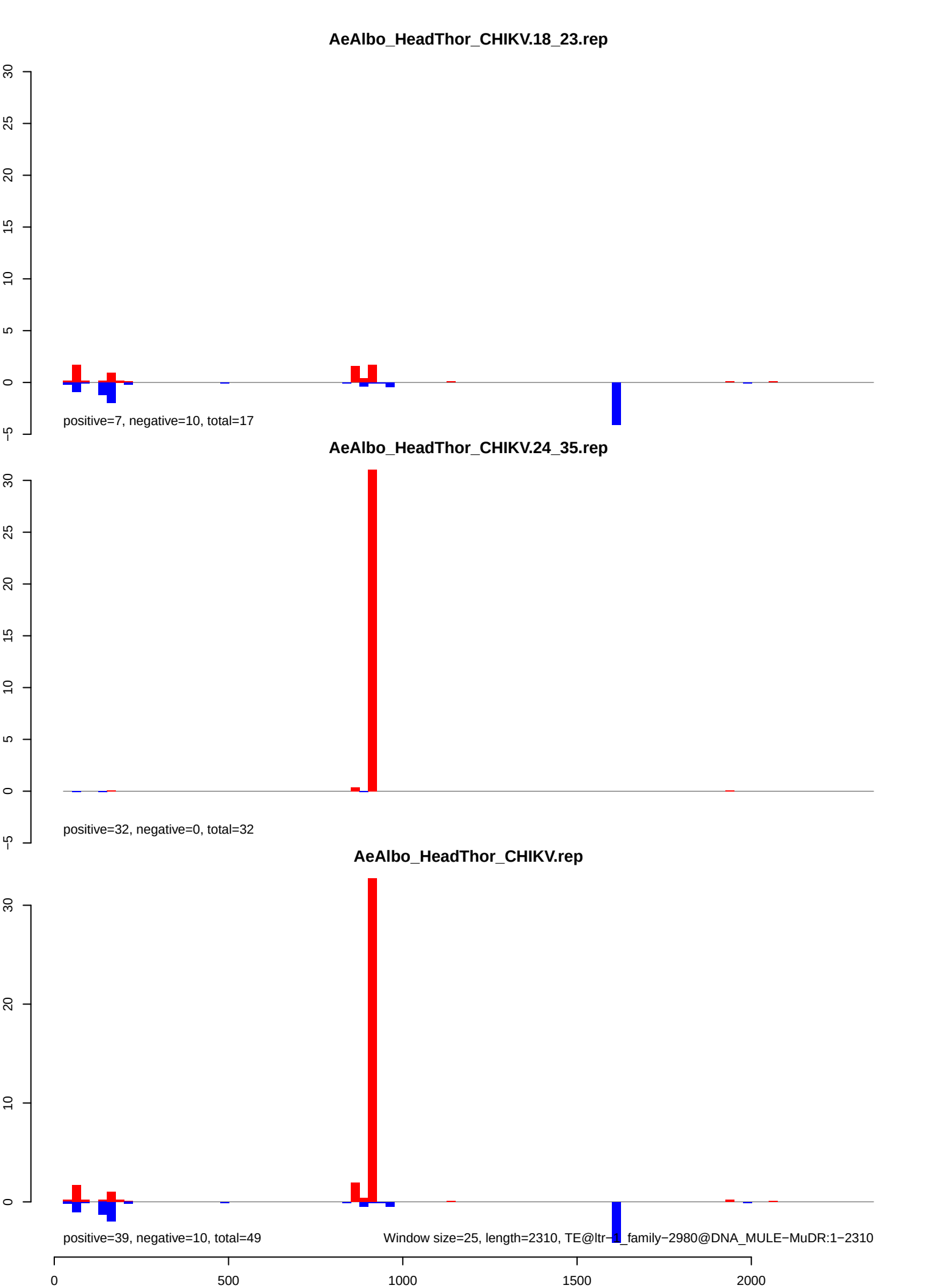

AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
−6
positive=1, negative=0, total=1

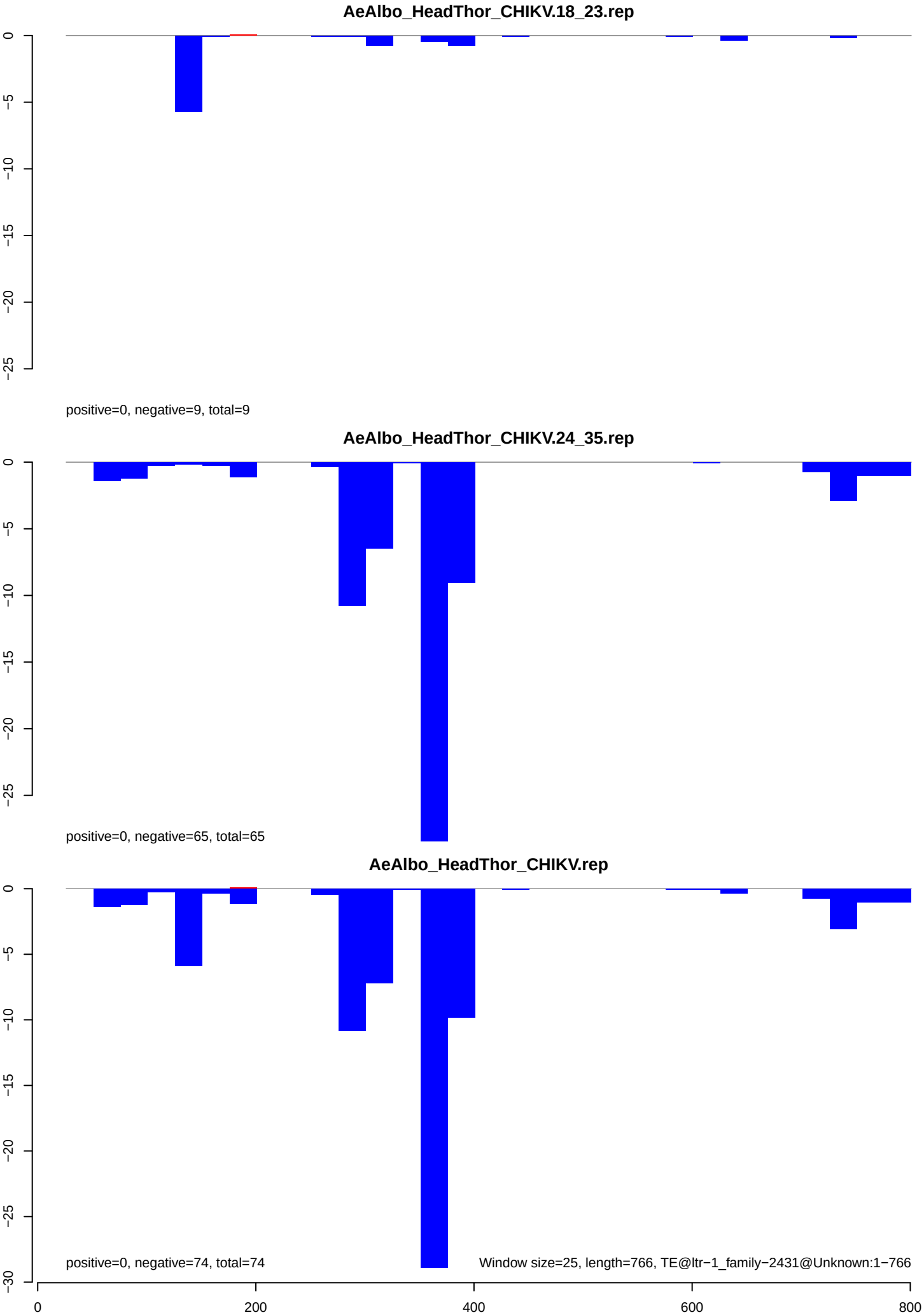

AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
−6
positive=4, negative=13, total=17
Window size=25, length=4258, TE@ltr−1_family−3391@LTR_Gypsy:1−4258
0
1000
2000
3000
4000

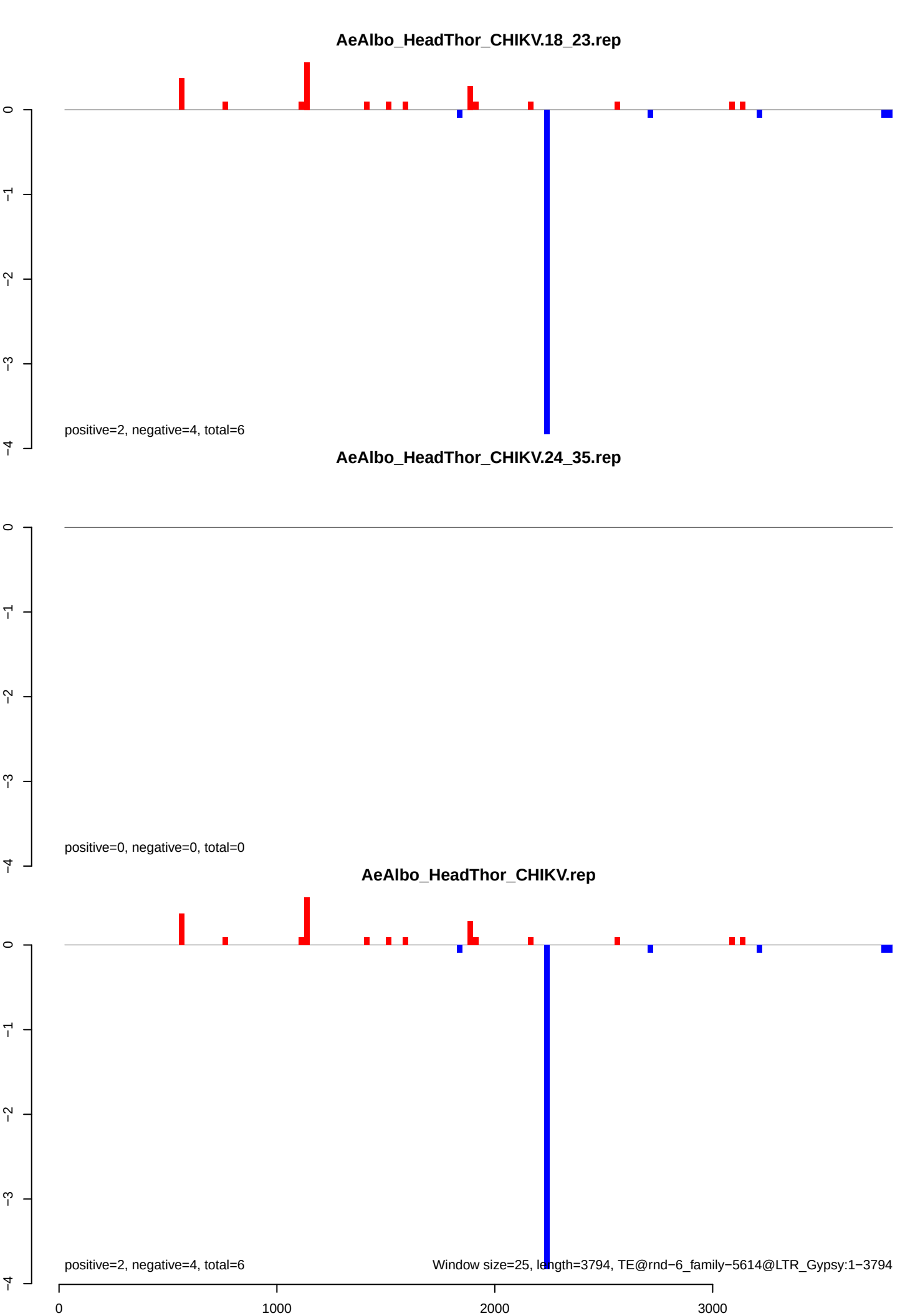

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=4

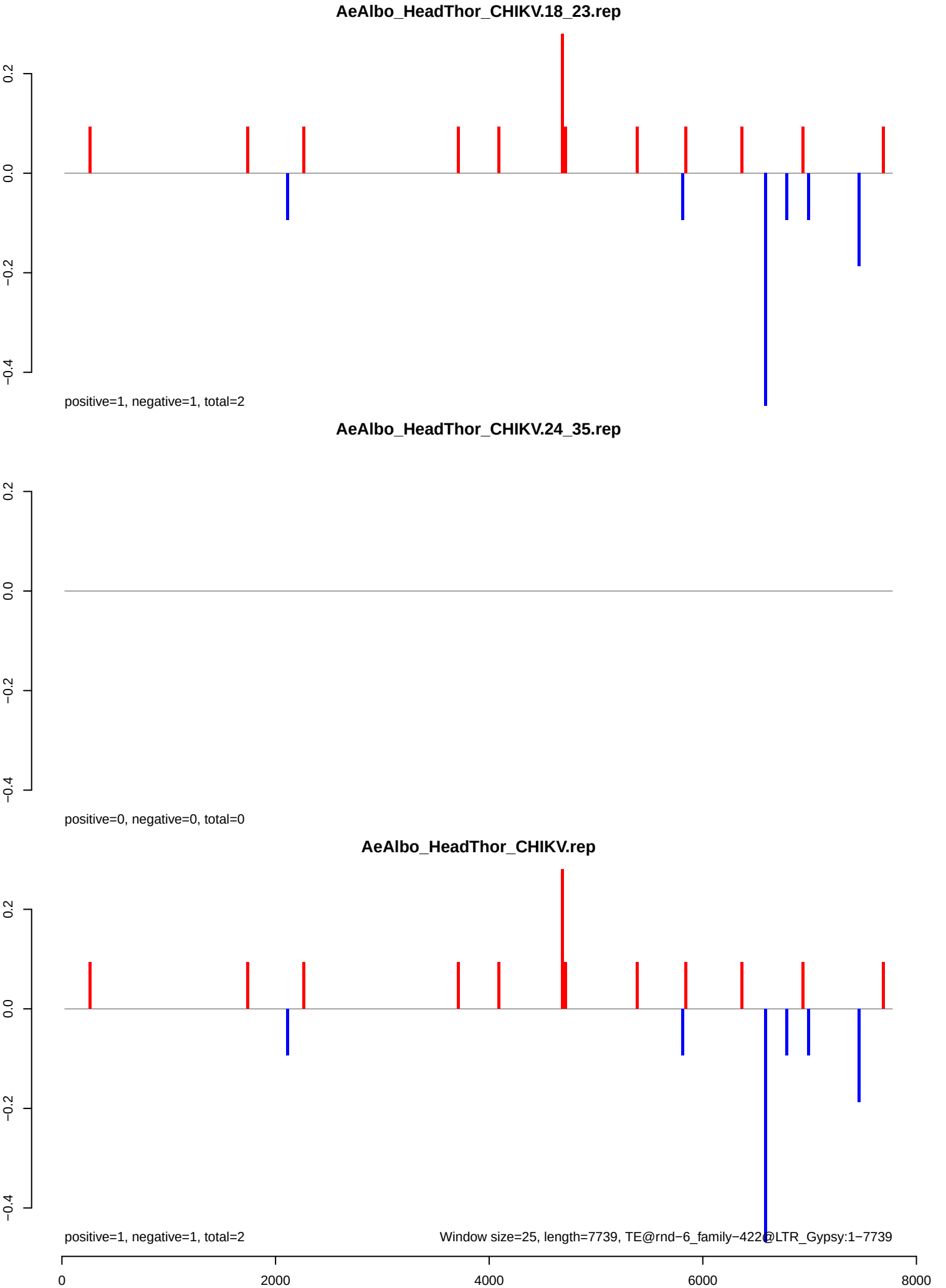

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=1, negative=0, total=1

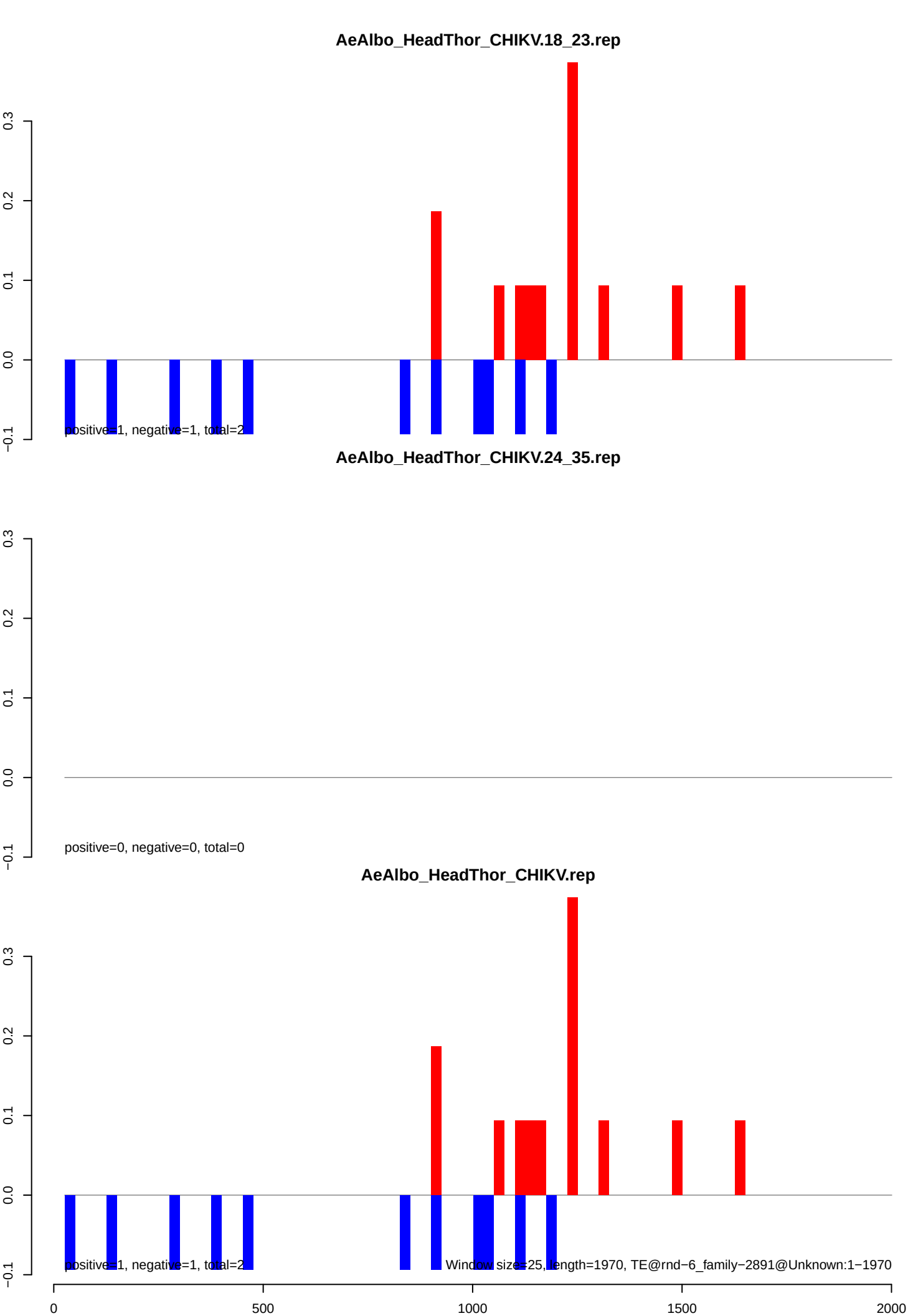

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=4, negative=1, total=5
Window size=25, length=5339, TE@ltr−1_family−2985@DNA_Zator:1−5339
0
1000
2000
3000
4000
5000

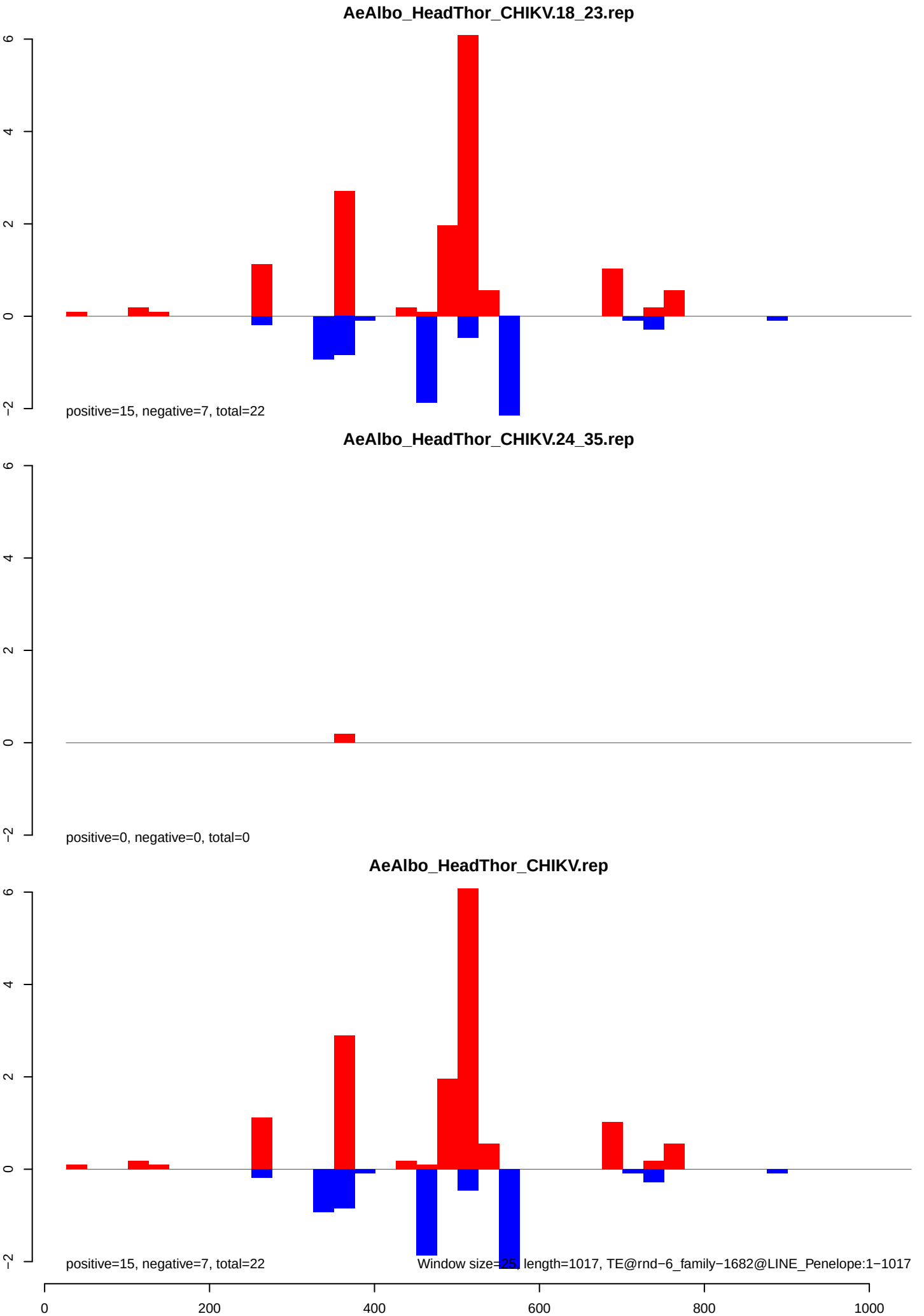

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=10, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=32, negative=0, total=32
AeAlbo_HeadThor_CHIKV.rep
positive=39, negative=10, total=49
Window size=25, length=2310, TE@ltr−1_family−2980@DNA_MULE−MuDR:1−2310
0
500
1000
1500
2000

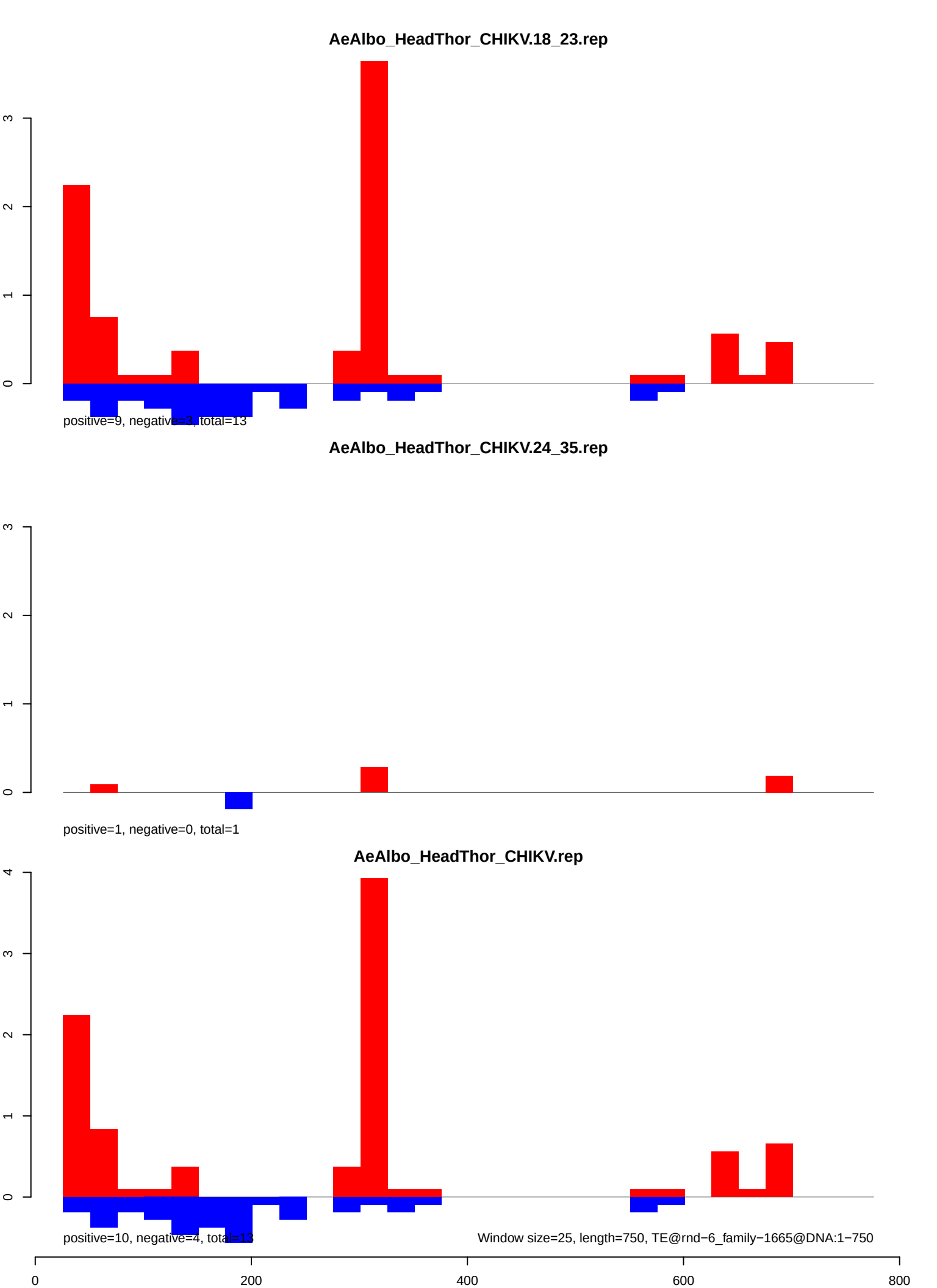

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=0, negative=9, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=65, total=65
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=74, total=74
Window size=25, length=766, TE@ltr−1_family−2431@Unknown:1−766
0
200
400
600
800

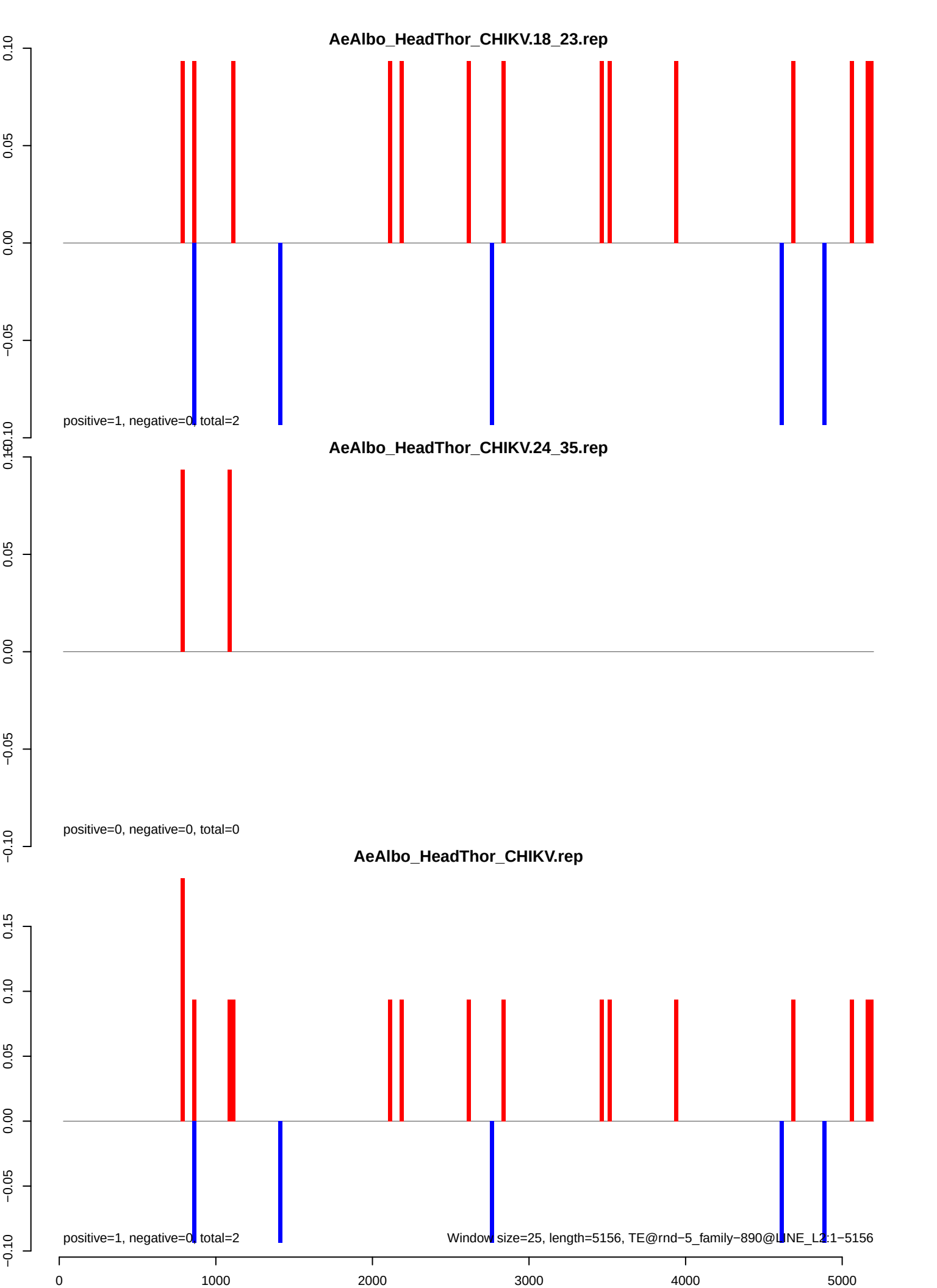

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=4, total=6
Window size=25, length=3794, TE@rnd−6_family−5614@LTR_Gypsy:1−3794
0
−1
−2
−3
−4
0
1000
2000
3000

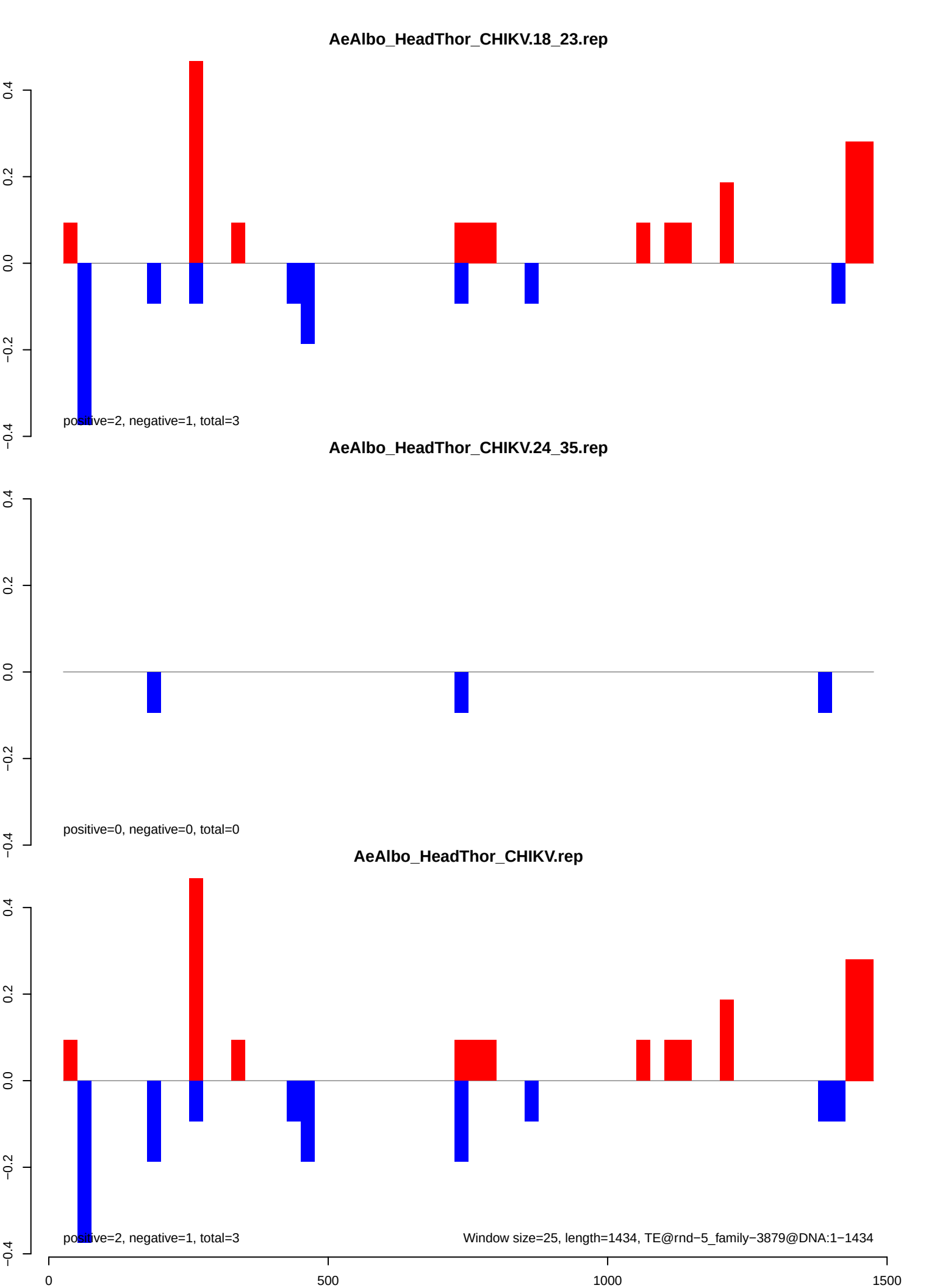

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=7739, TE@rnd−6_family−422@LTR_Gypsy:1−7739
0
2000
4000
6000
8000

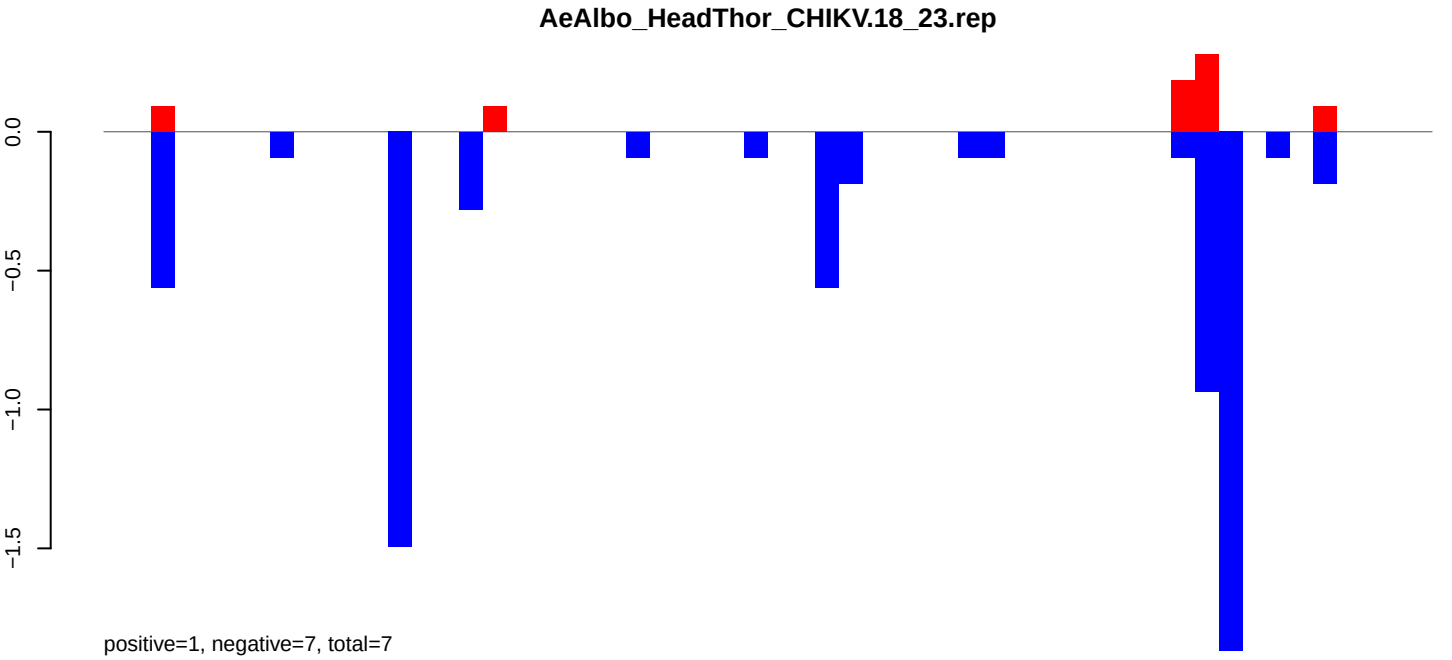

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=2
Window size=25, length=1970, TE@rnd−6_family−2891@Unknown:1−1970
0
500
1000
1500
2000

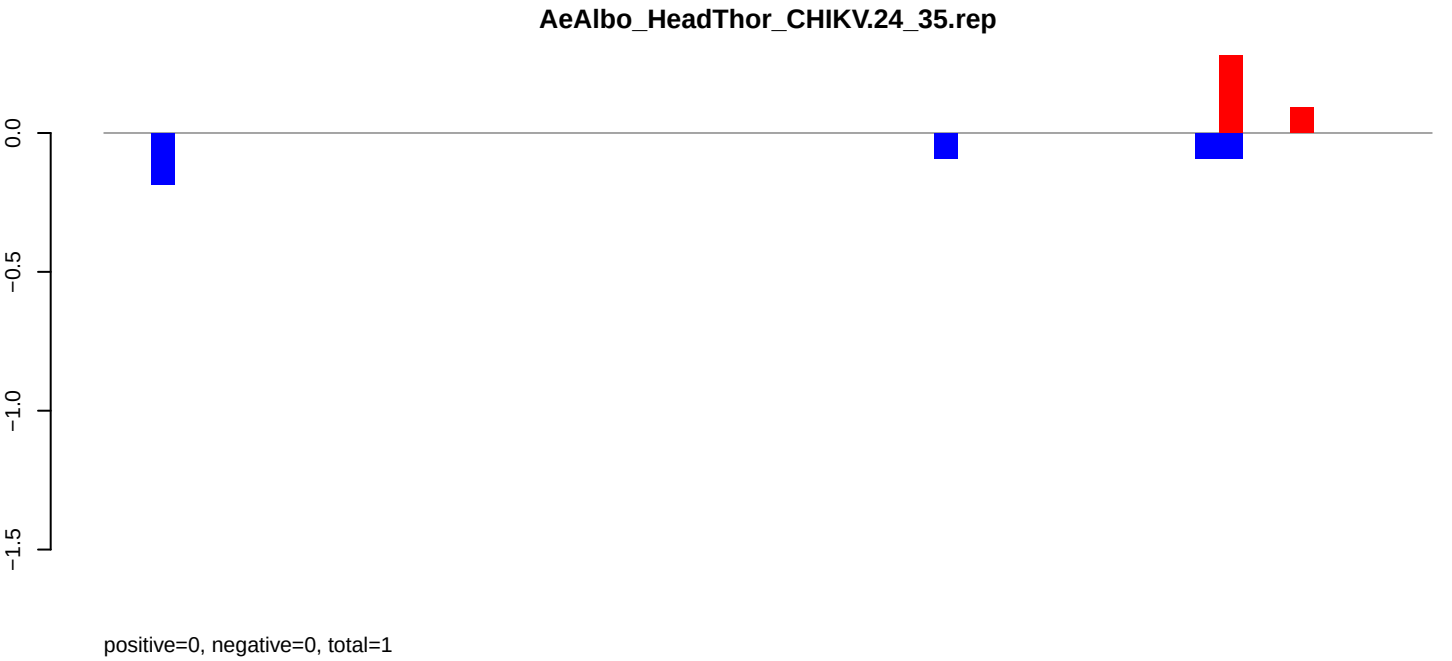

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=15, negative=7, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=15, negative=7, total=22
Window size=25, length=1017, TE@rnd−6_family−1682@LINE_Penelope:1−1017
6
4
2
0
−2
0
200
400
600
800
1000

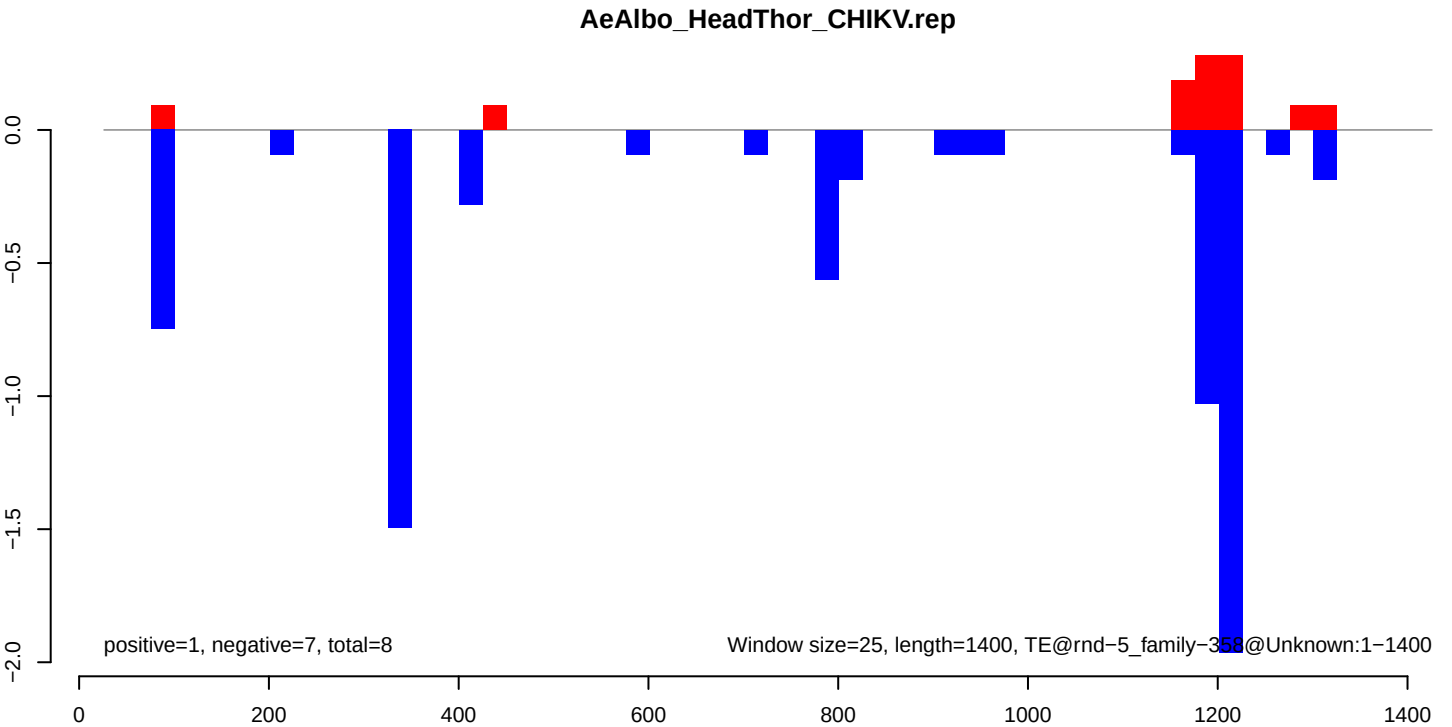

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=3, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=4, total=13
Window size=25, length=750, TE@rnd−6_family−1665@DNA:1−750
0
200
400
600
800

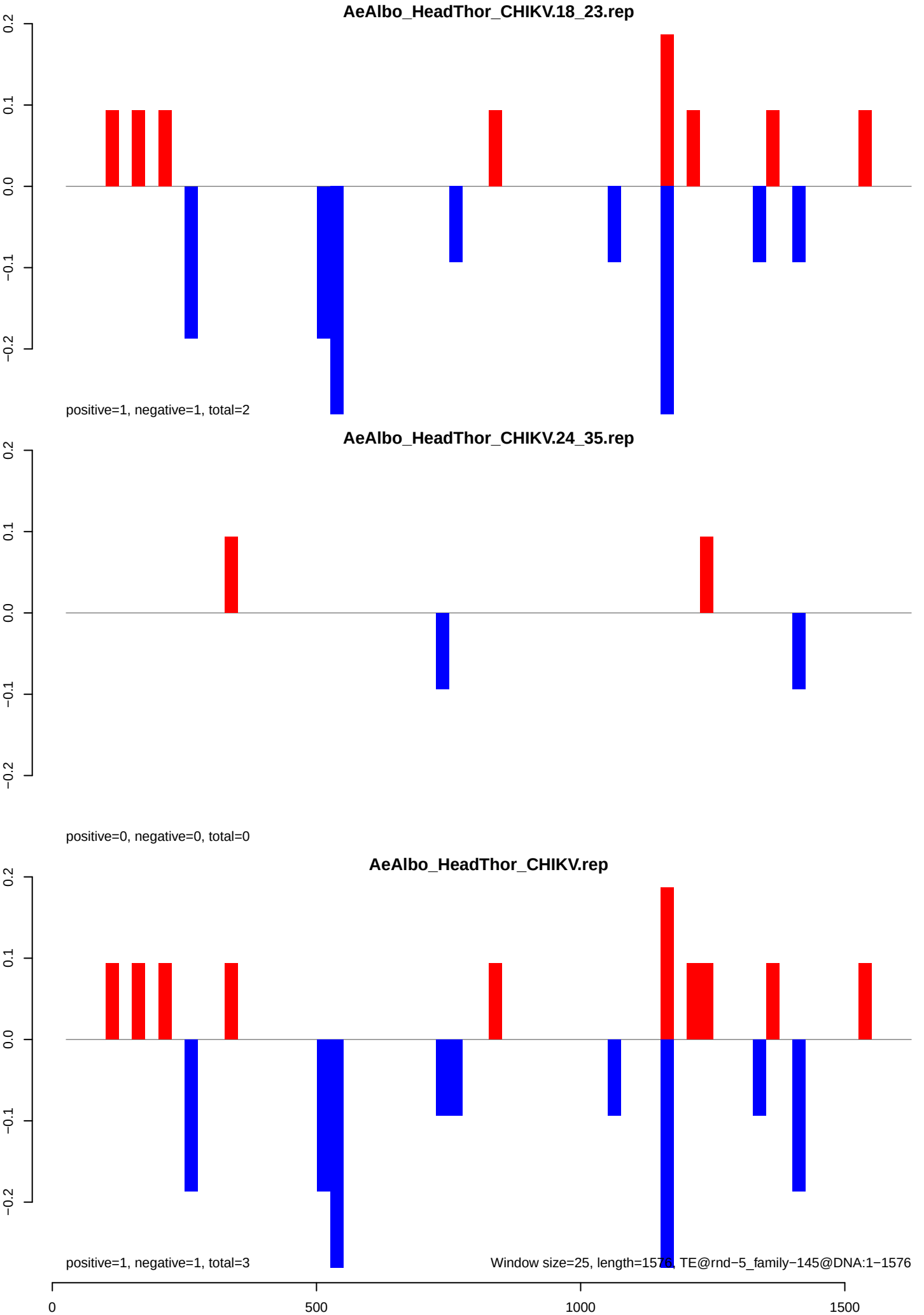

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=2
Window size=25, length=5156, TE@rnd−5_family−890@LINE_L2:1−5156
0.10
0.05
0.00
−0.05
−0.10
0.15
0
1000
2000
3000
4000
5000

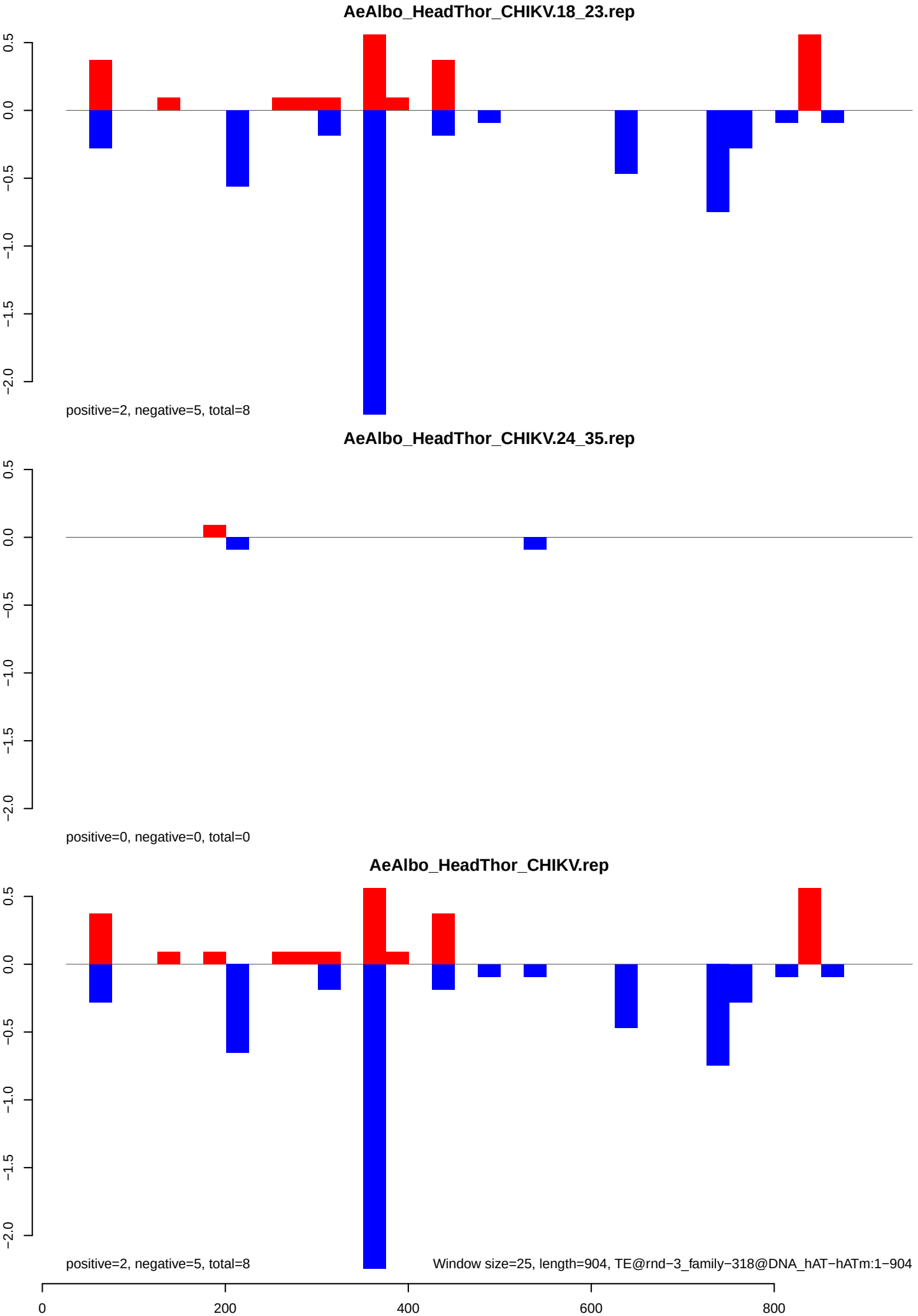

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=1434, TE@rnd−5_family−3879@DNA:1−1434
0.4
0.2
0.0
−0.2
−0.4
0
500
1000
1500

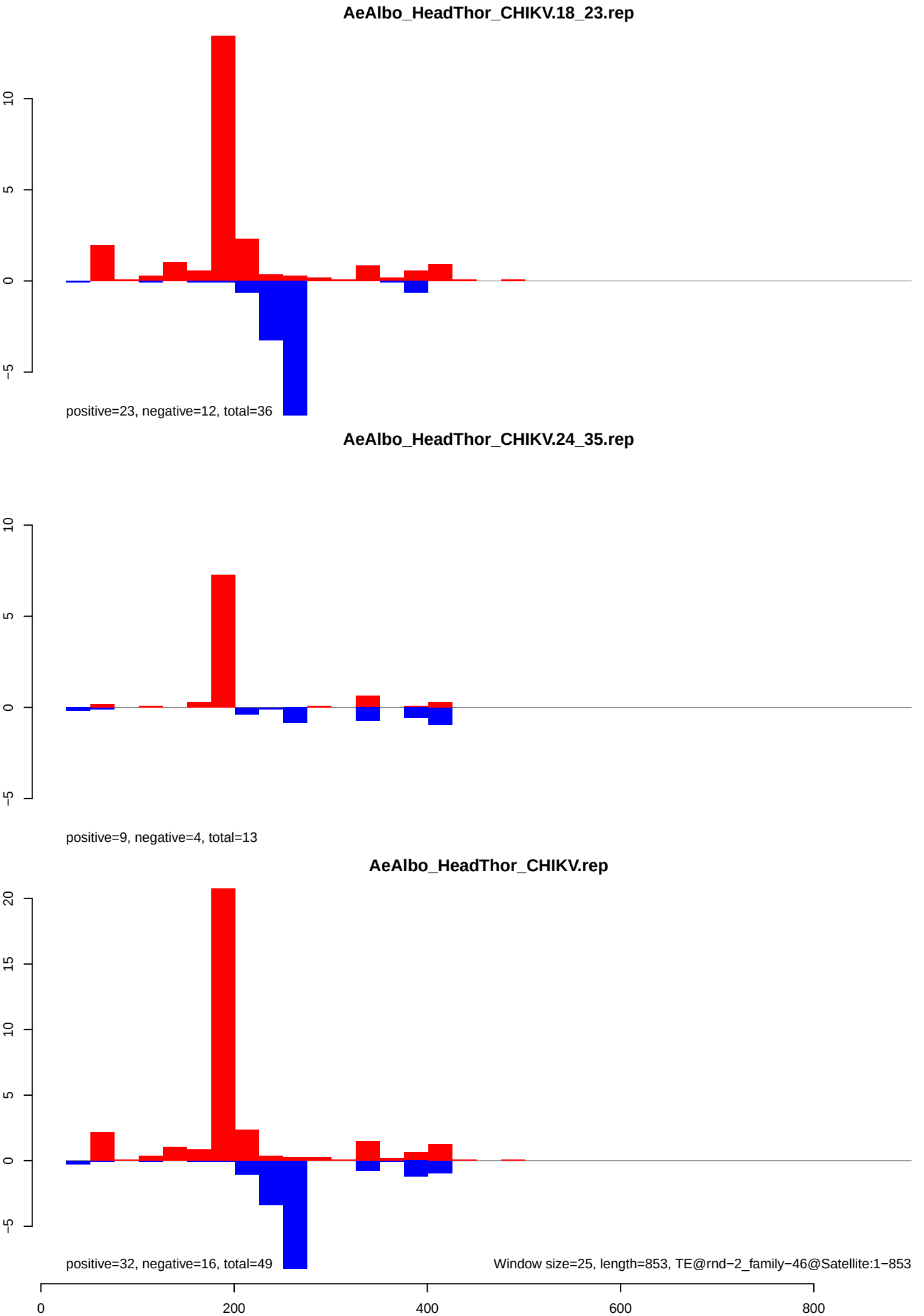

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=7, total=7

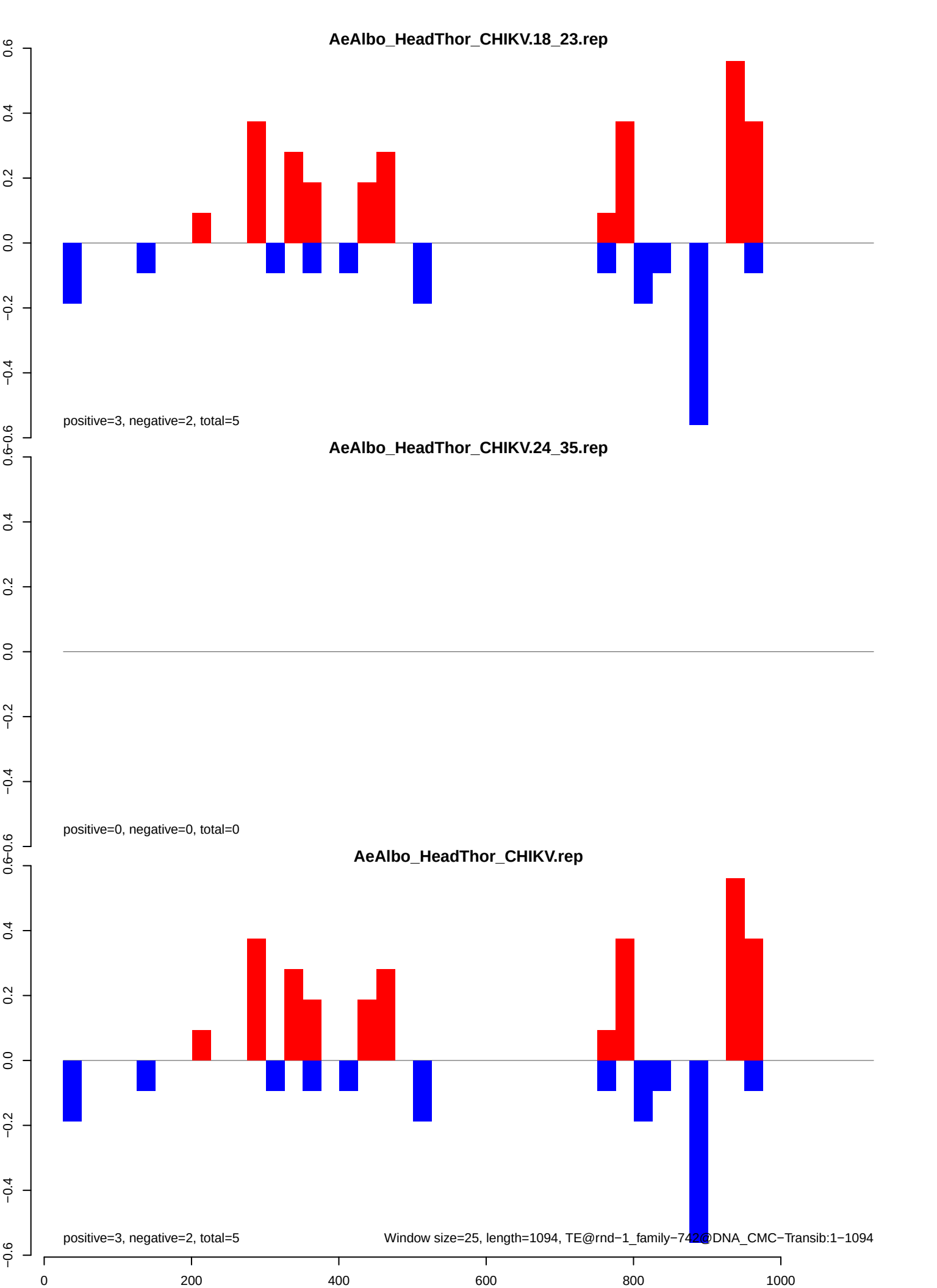

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=1

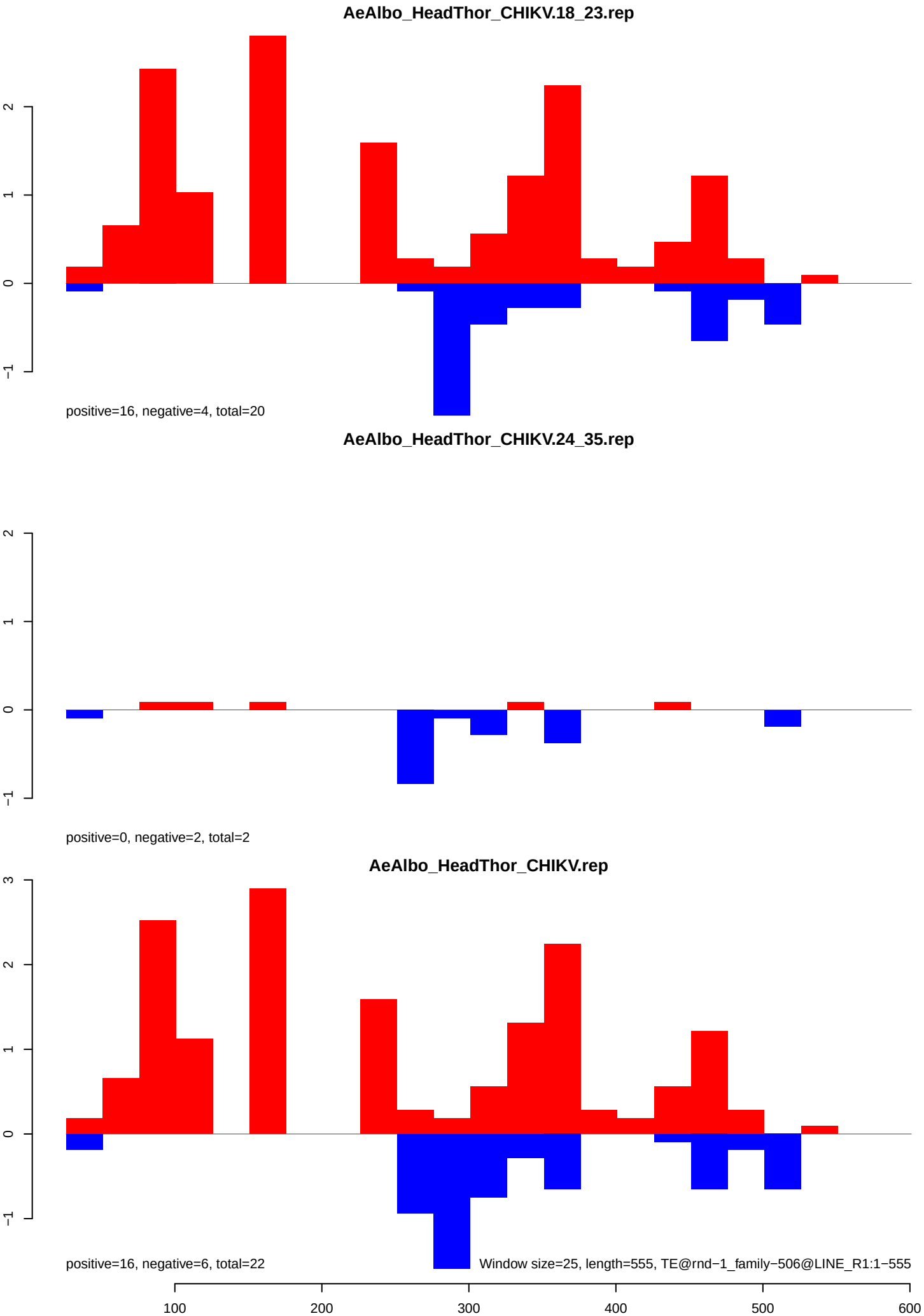

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=7, total=8
Window size=25, length=1400, TE@rnd−5_family−358@Unknown:1−1400
0
200
400
600
800
1000
1200
1400

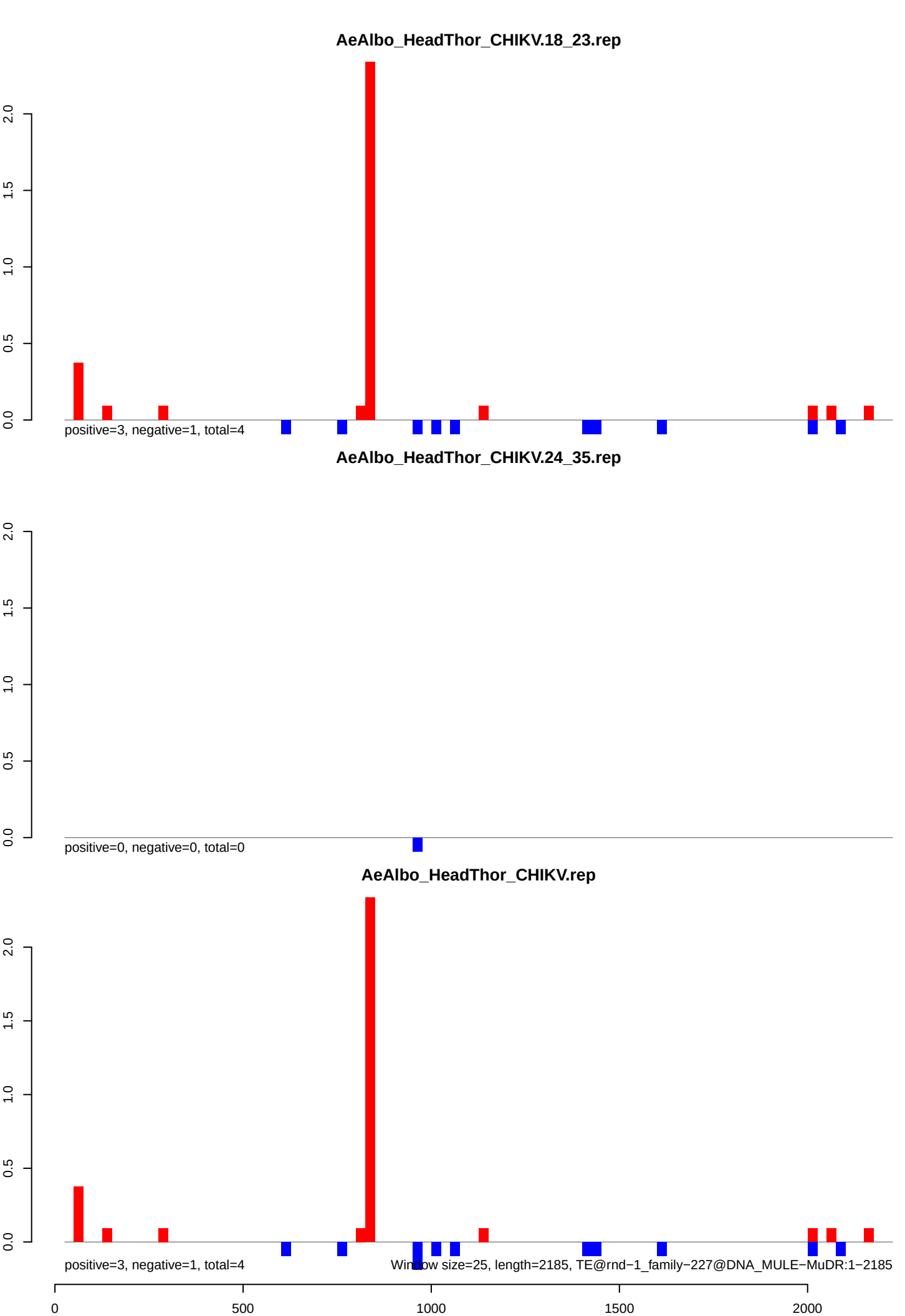

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=3
Window size=25, length=1576, TE@rnd−5_family−145@DNA:1−1576
0
500
1000
1500

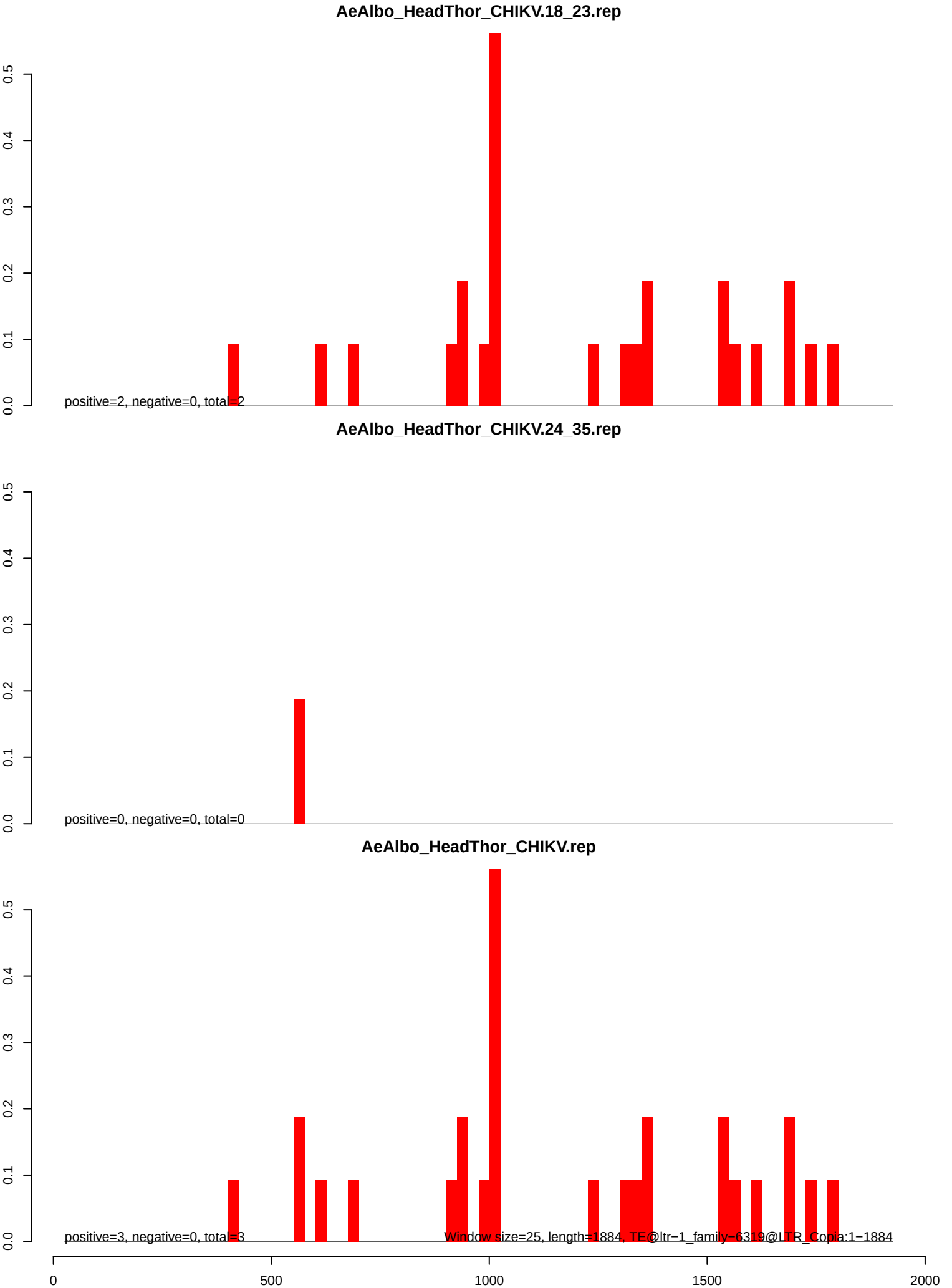

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=2, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=2, negative=5, total=8
Window size=25, length=904, TE@rnd−3_family−318@DNA_hAT−hATm:1−904
0
200
400
600
800

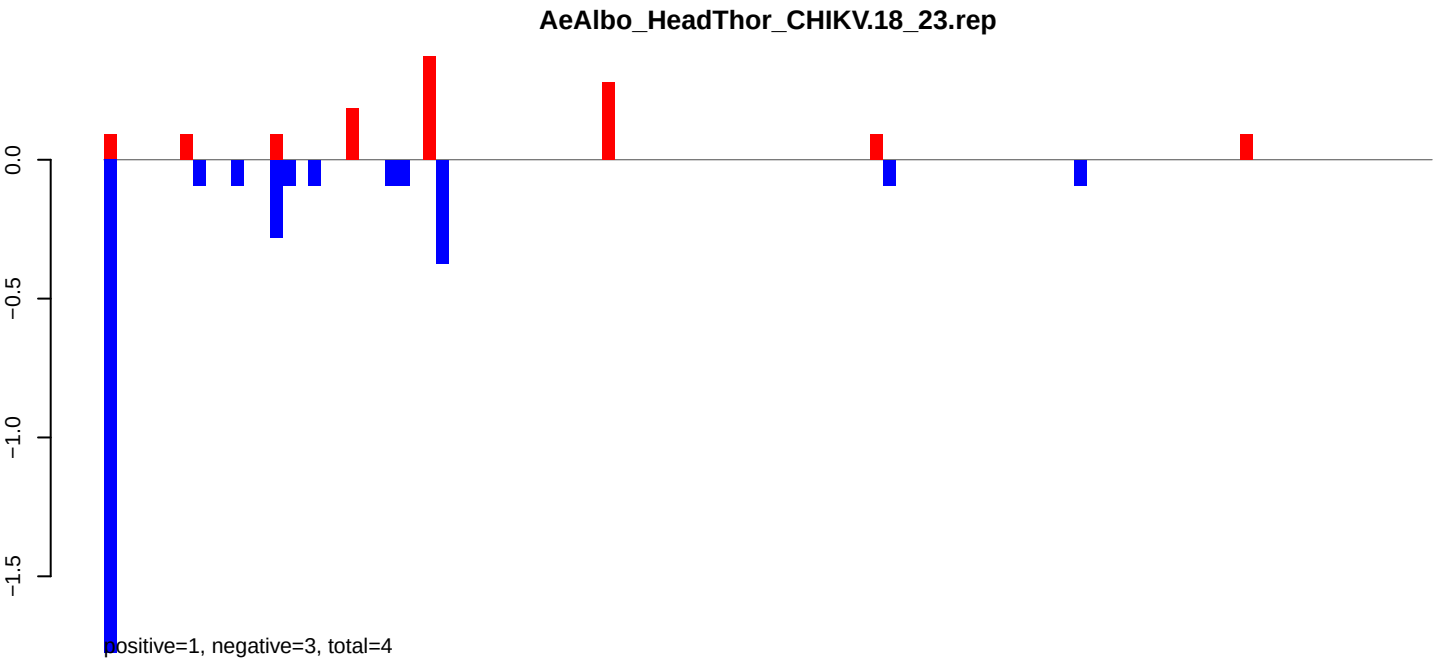

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=23, negative=12, total=36
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=9, negative=4, total=13
AeAlbo_HeadThor_CHIKV.rep
positive=32, negative=16, total=49
Window size=25, length=853, TE@rnd−2_family−46@Satellite:1−853
0
200
400
600
800

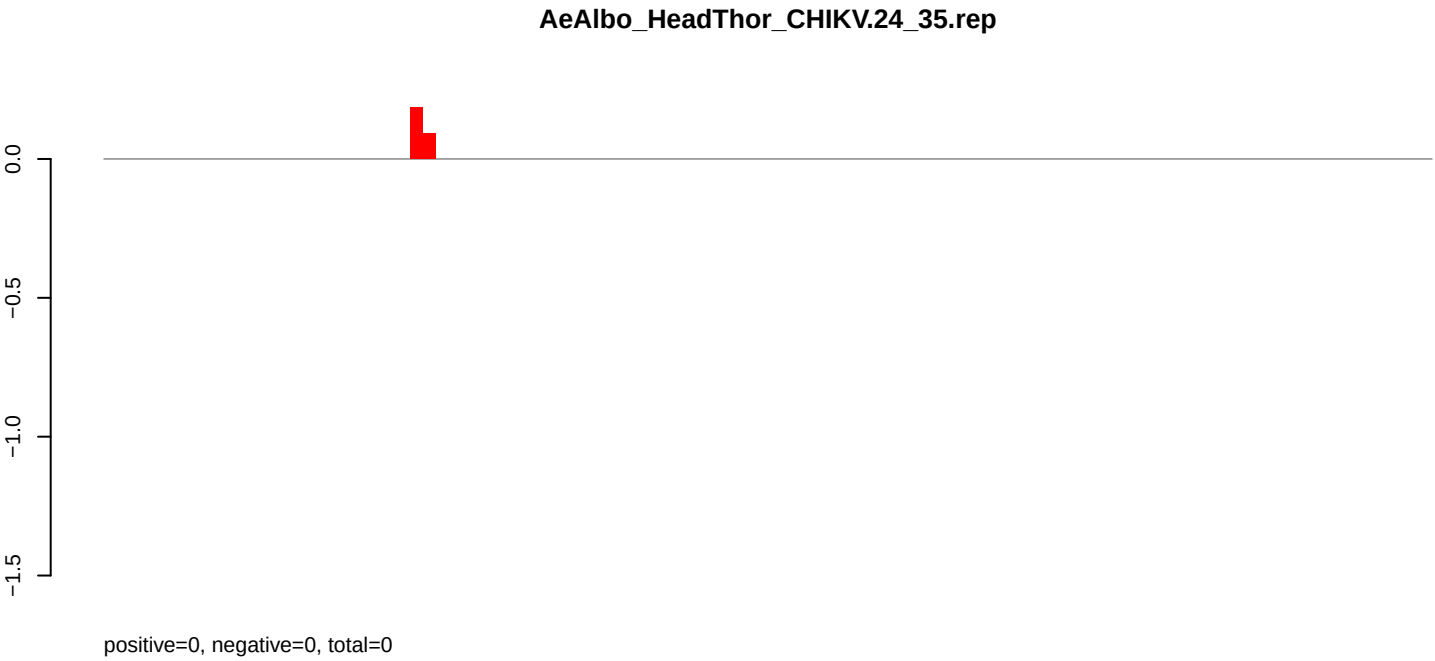

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=1094, TE@rnd−1_family−742@DNA_CMC−Transib:1−1094
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
200
400
600
800
1000

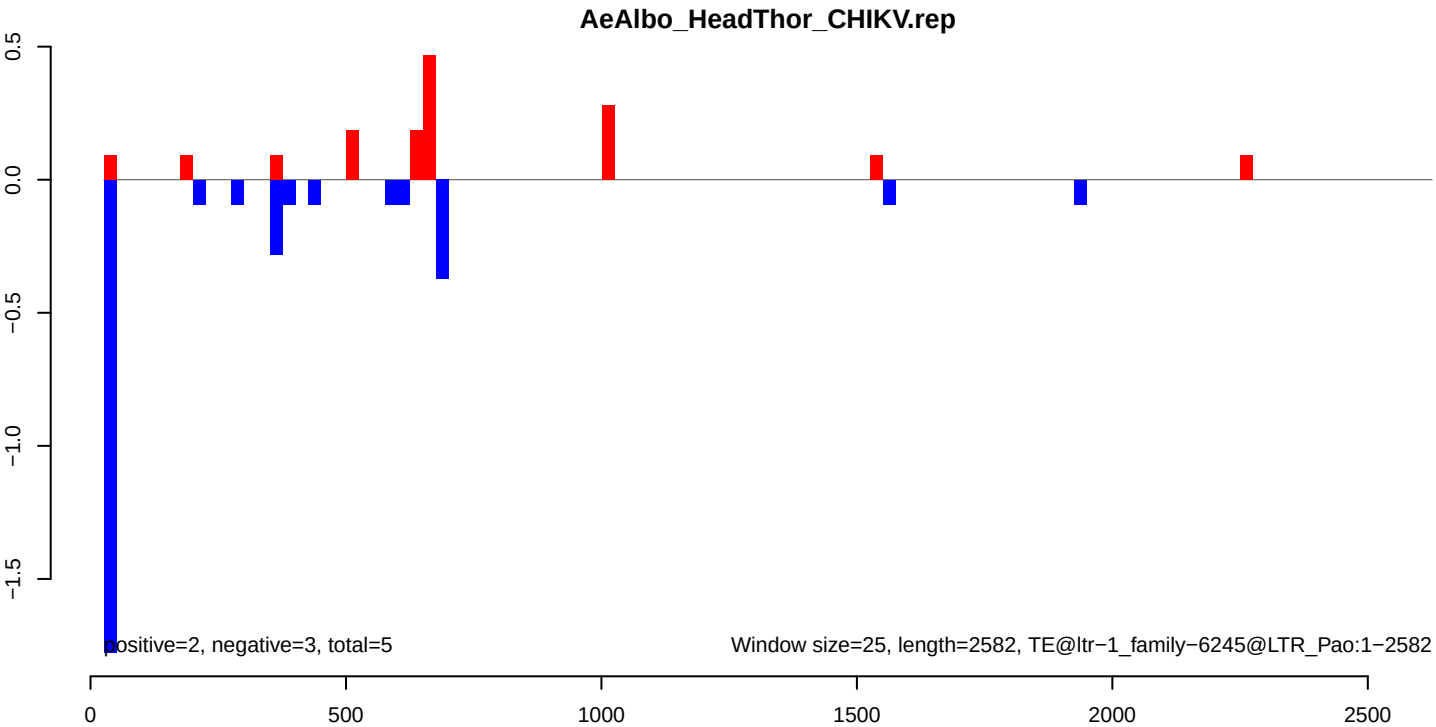

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=4, total=20
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=6, total=22
Window size=25, length=555, TE@rnd−1_family−506@LINE_R1:1−555
100
200
300
400
500
600

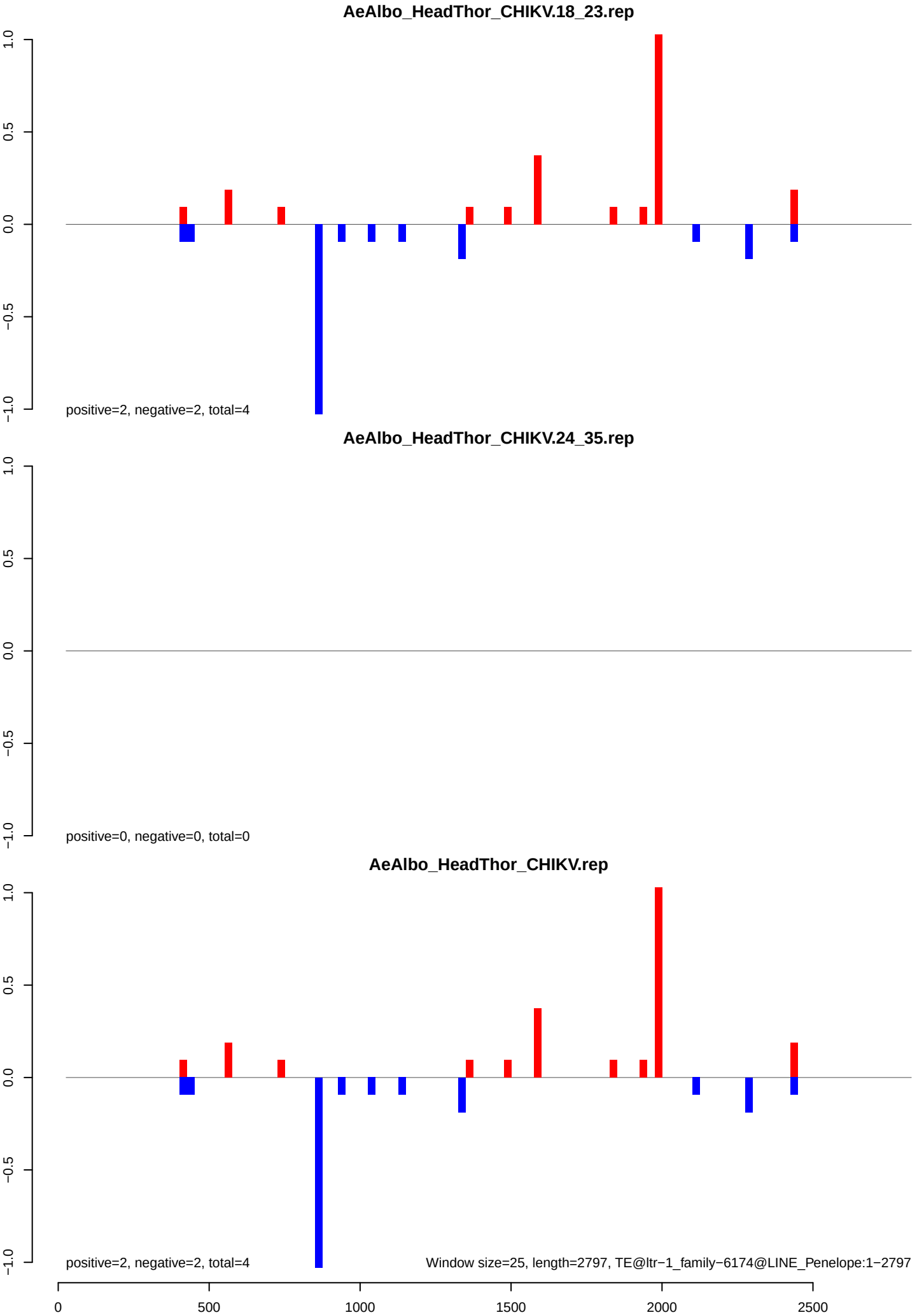

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
positive=3, negative=1, total=4
Window size=25, length=2185, TE@rnd−1_family−227@DNA_MULE−MuDR:1−2185
0
500
1000
1500
2000

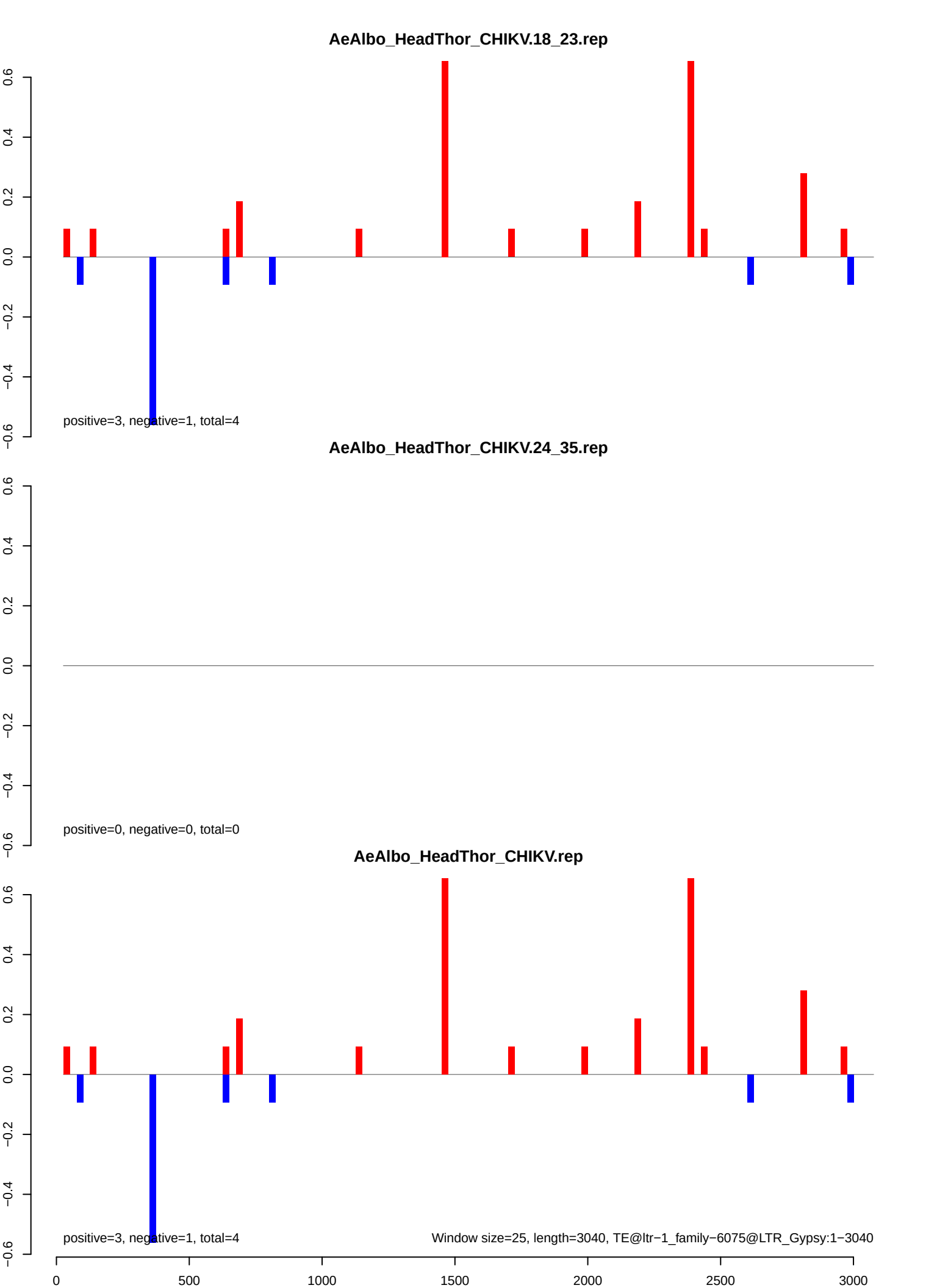

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=3, negative=0, total=3
Window size=25, length=1884, TE@ltr−1_family−6319@LTR_Copia:1−1884
0
500
1000
1500
2000

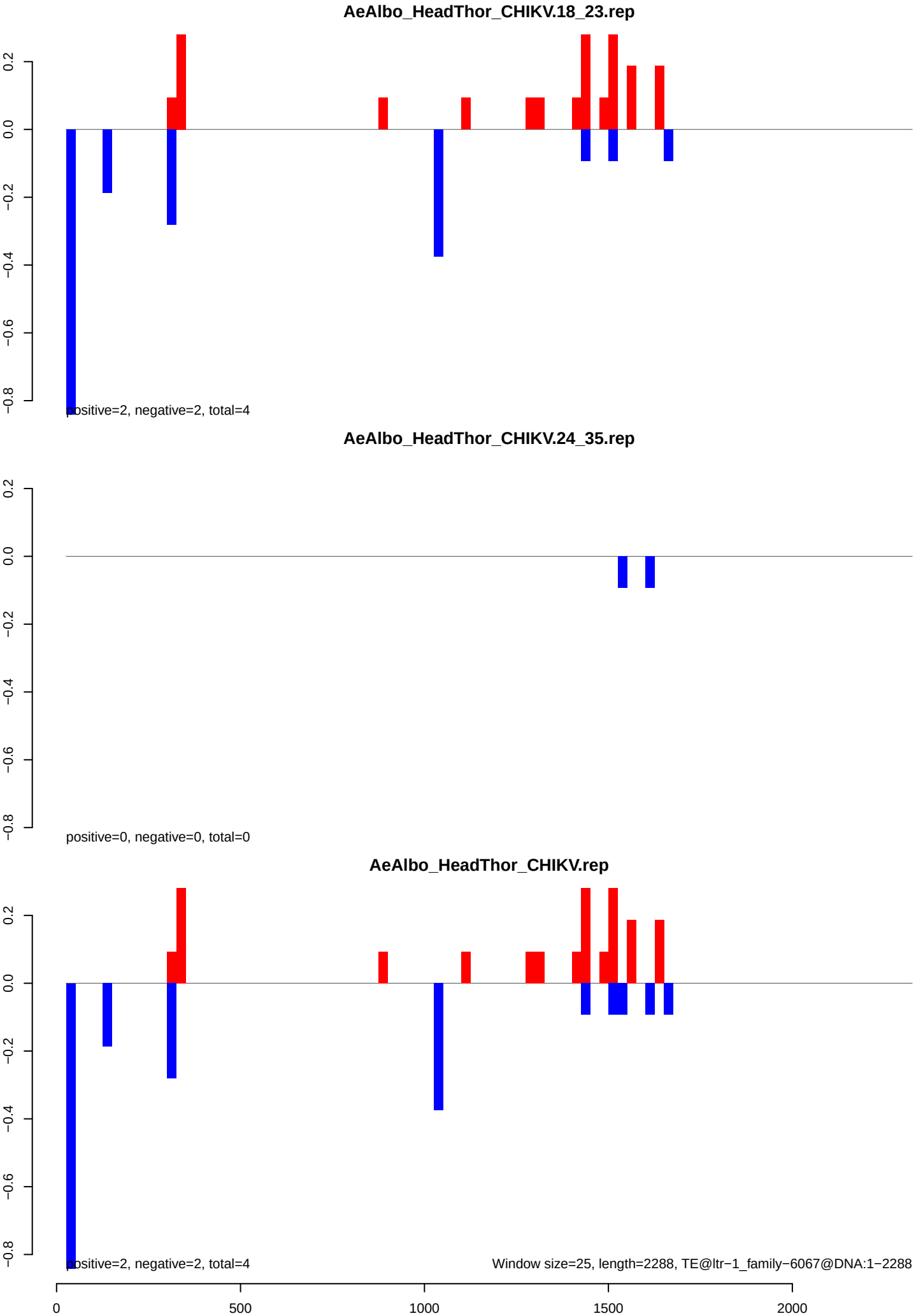

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4

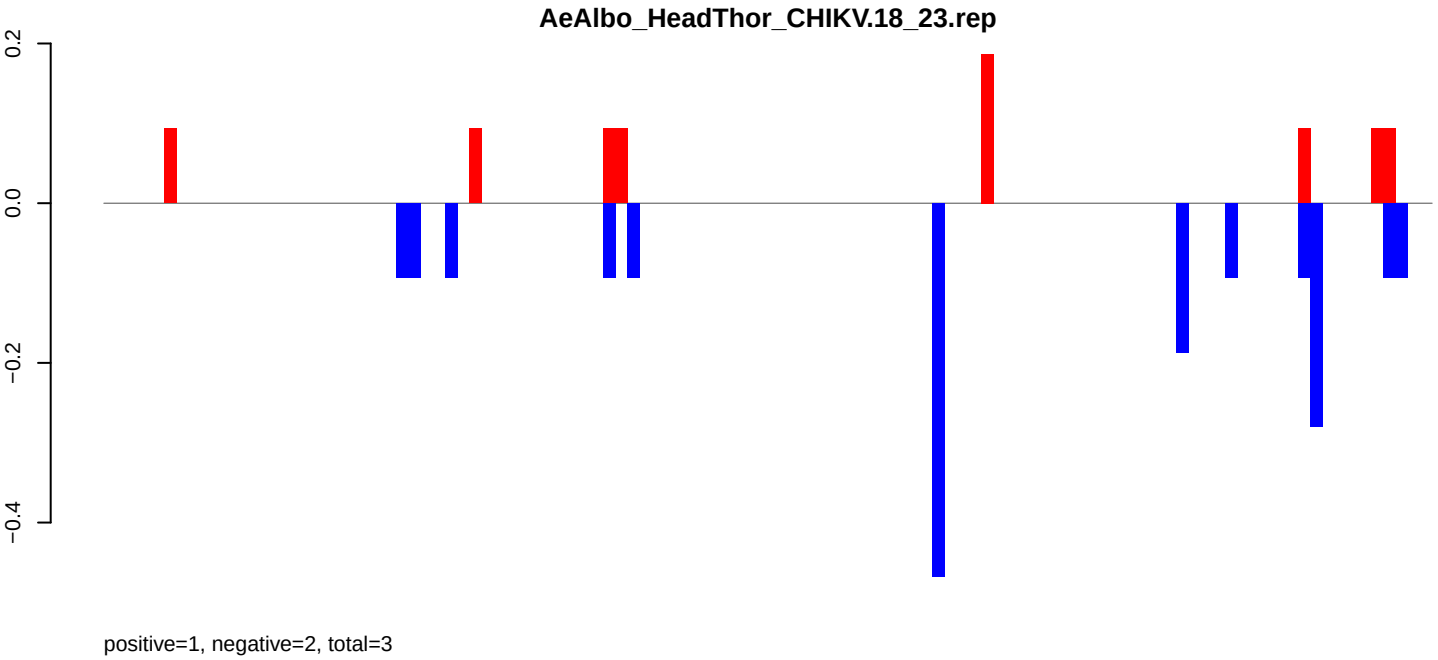

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

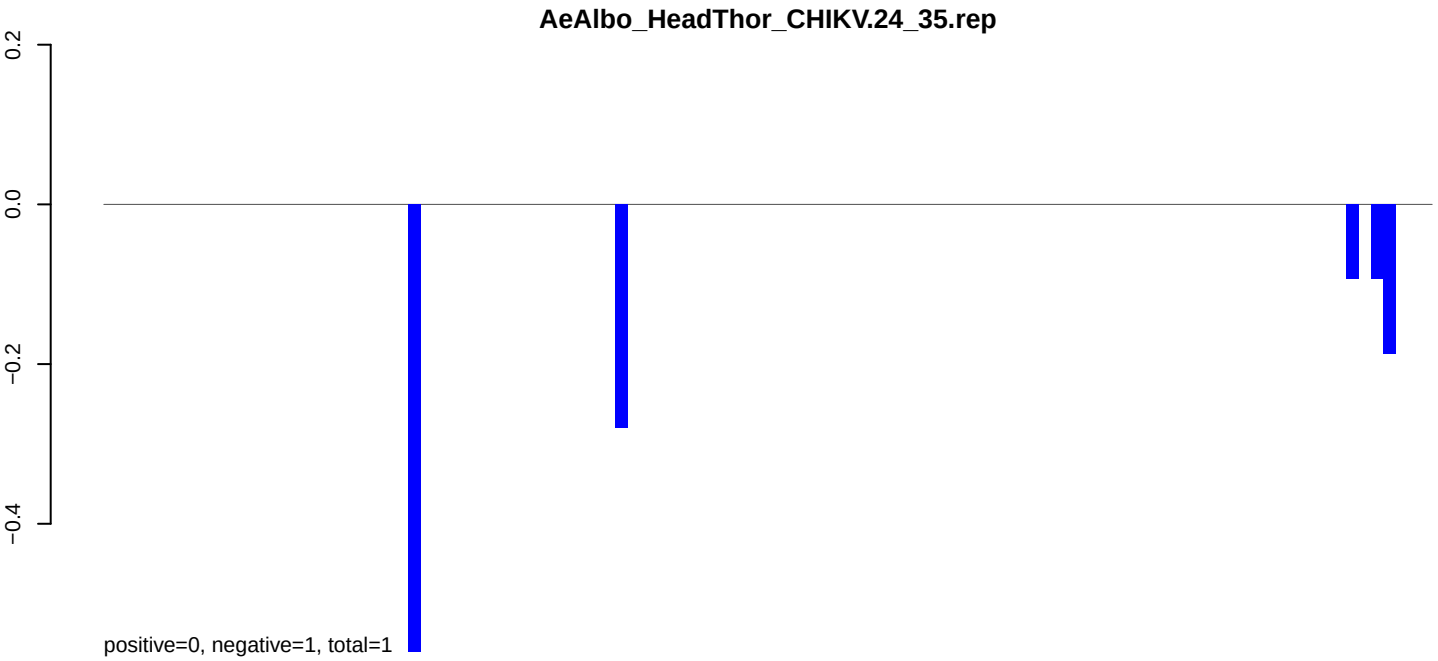

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=3, total=5
Window size=25, length=2582, TE@ltr−1_family−6245@LTR_Pao:1−2582
0
500
1000
1500
2000
2500

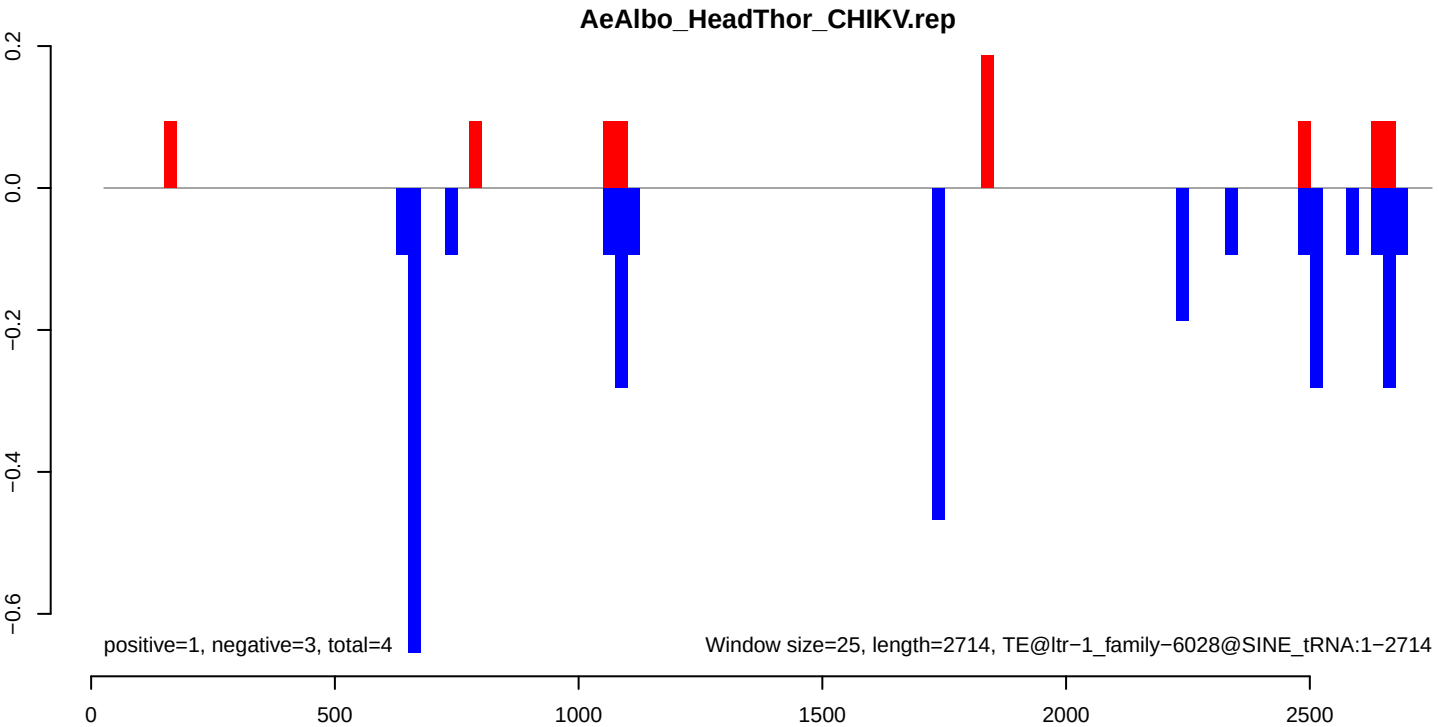

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4
Window size=25, length=2797, TE@ltr−1_family−6174@LINE_Penelope:1−2797
0
500
1000
1500
2000
2500

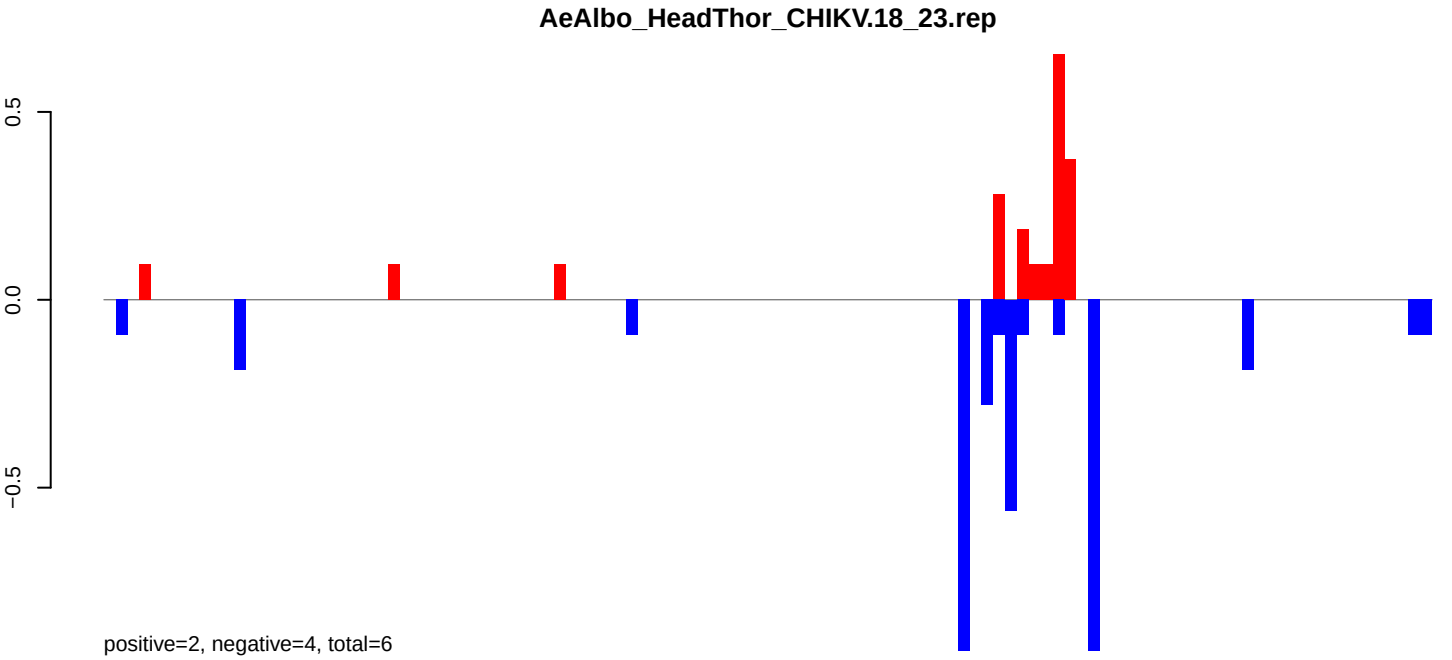

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=3040, TE@ltr−1_family−6075@LTR_Gypsy:1−3040
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
500
1000
1500
2000
2500
3000

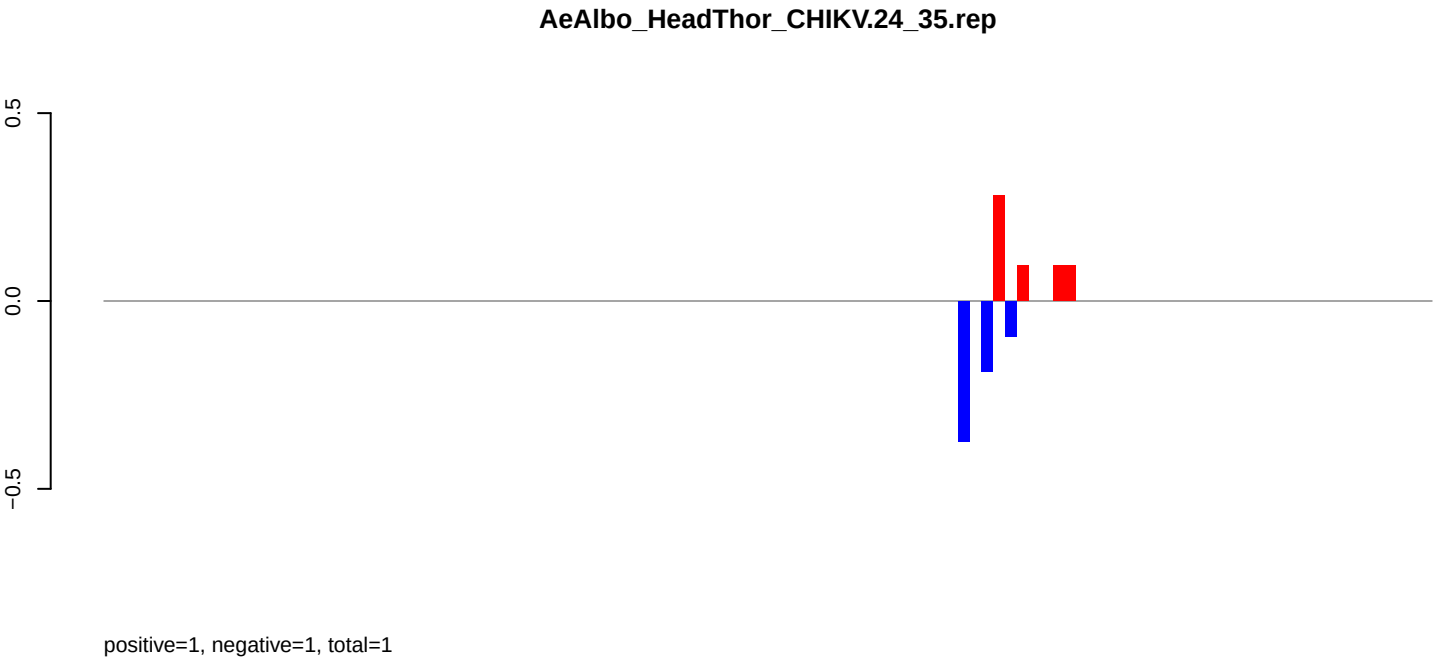

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=2, total=4
Window size=25, length=2288, TE@ltr−1_family−6067@DNA:1−2288
0
500
1000
1500
2000

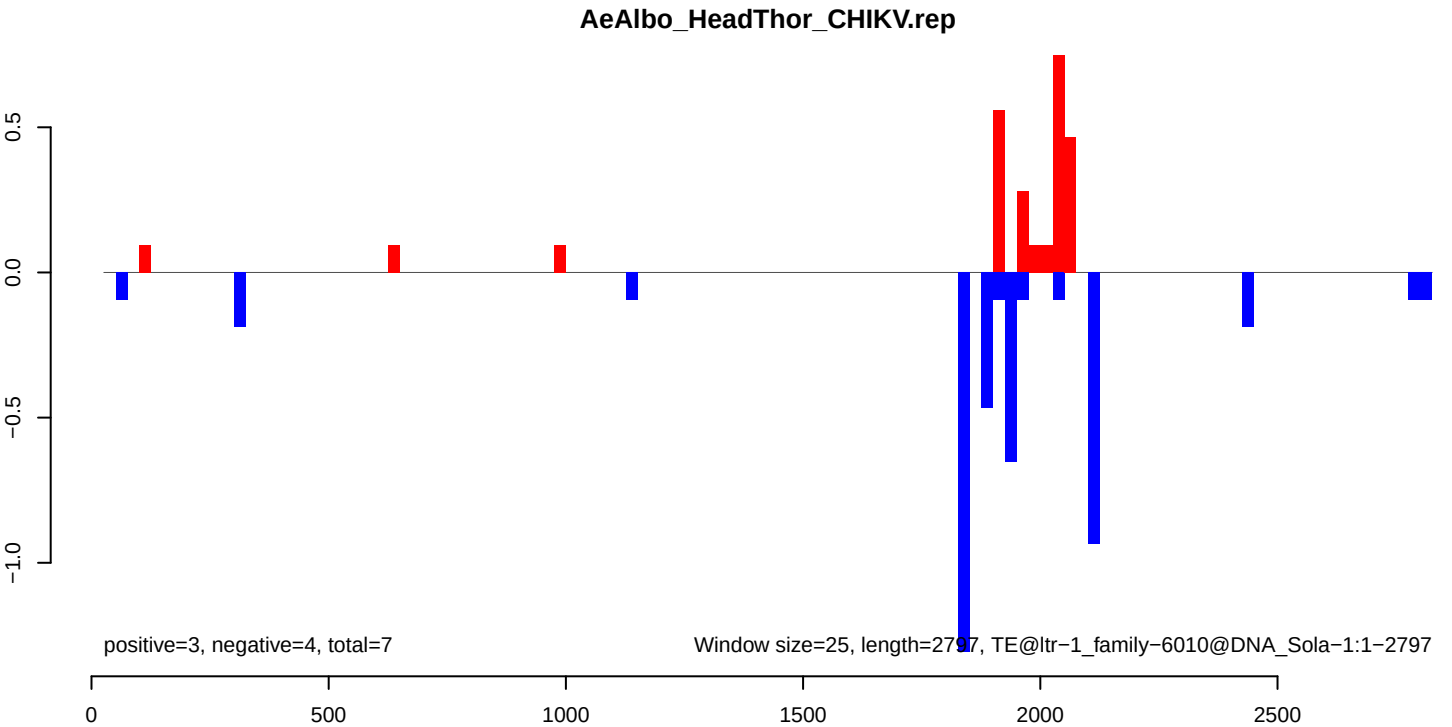

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=3

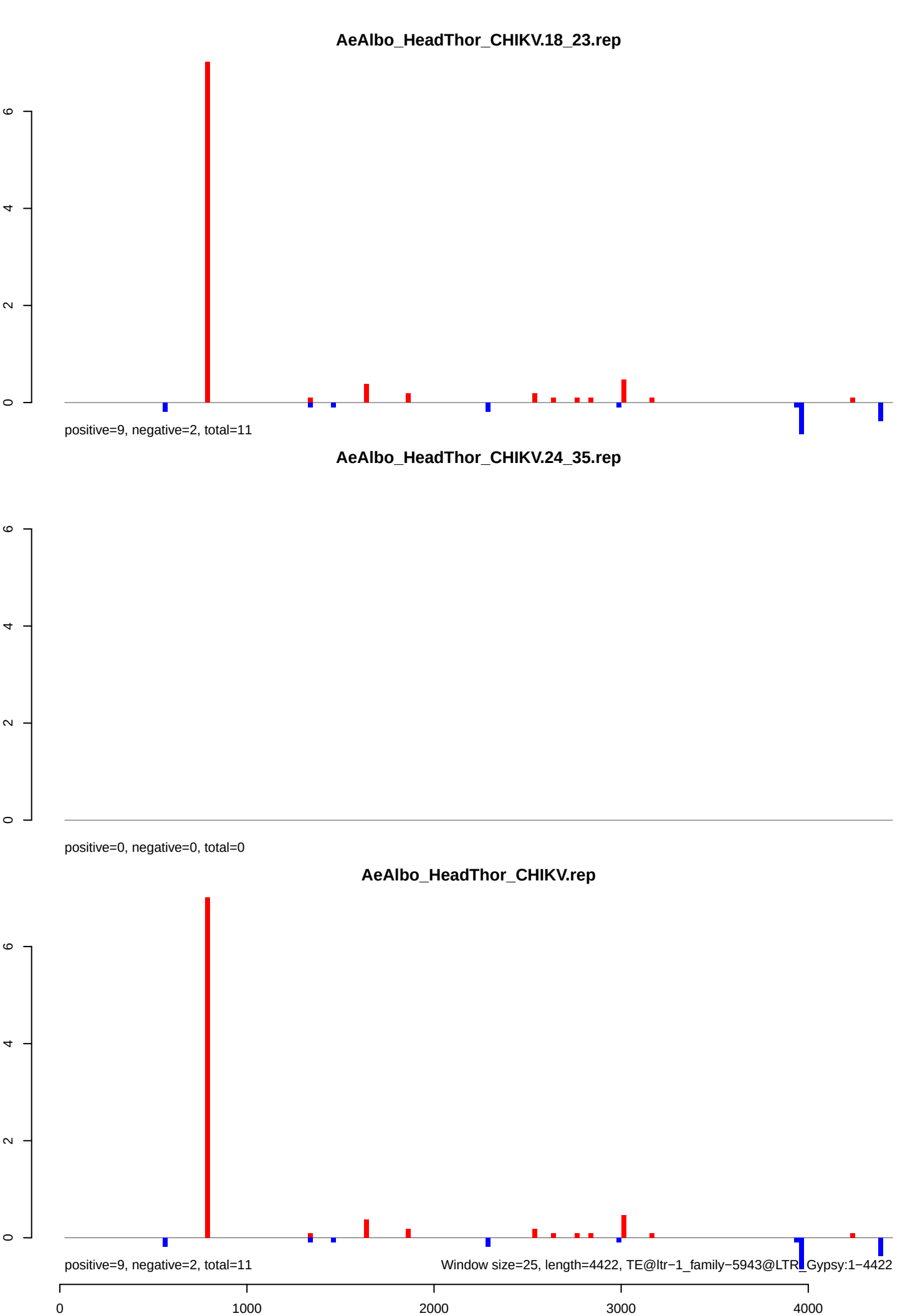

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1

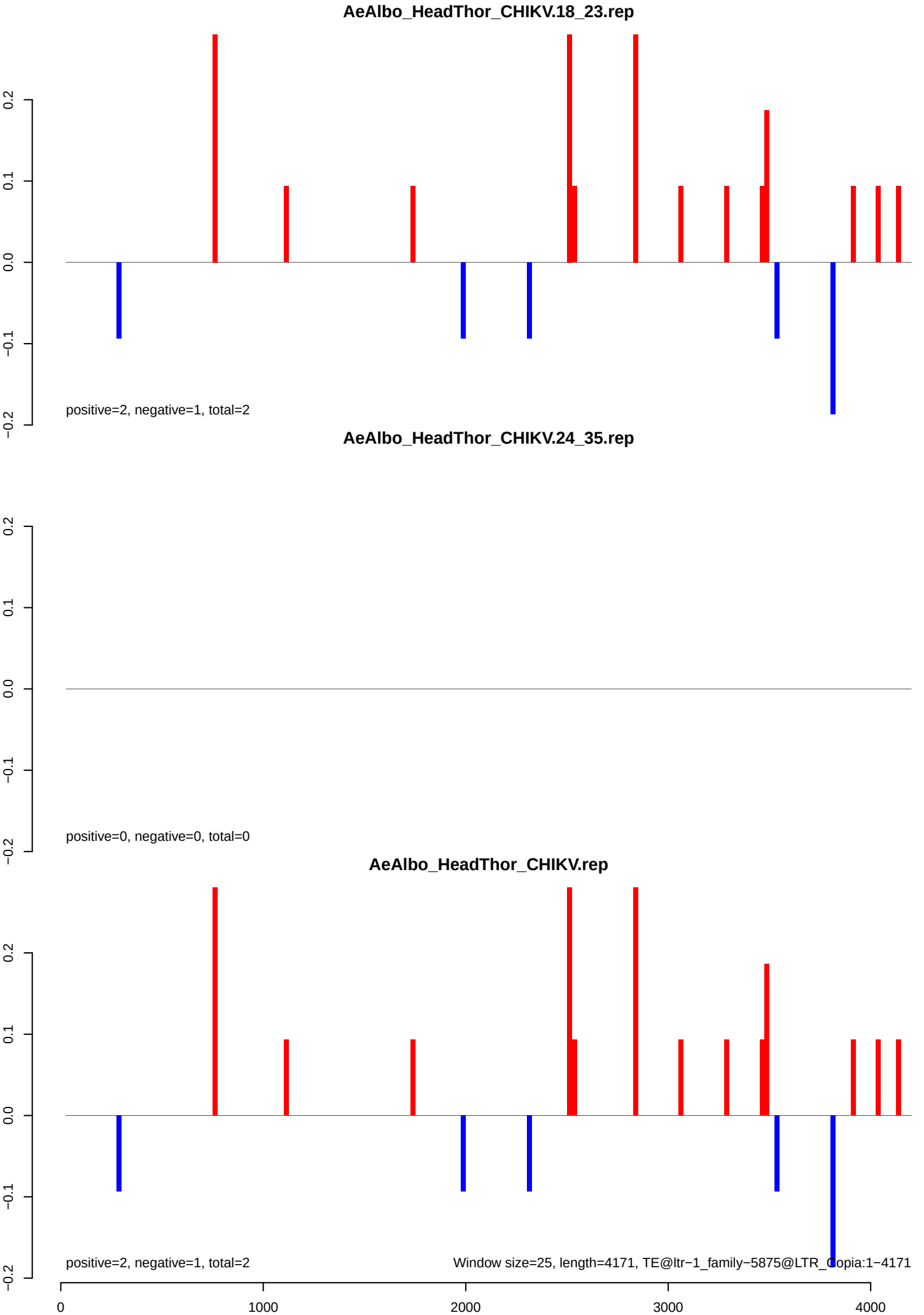

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=3, total=4
Window size=25, length=2714, TE@ltr−1_family−6028@SINE_tRNA:1−2714
0
500
1000
1500
2000
2500

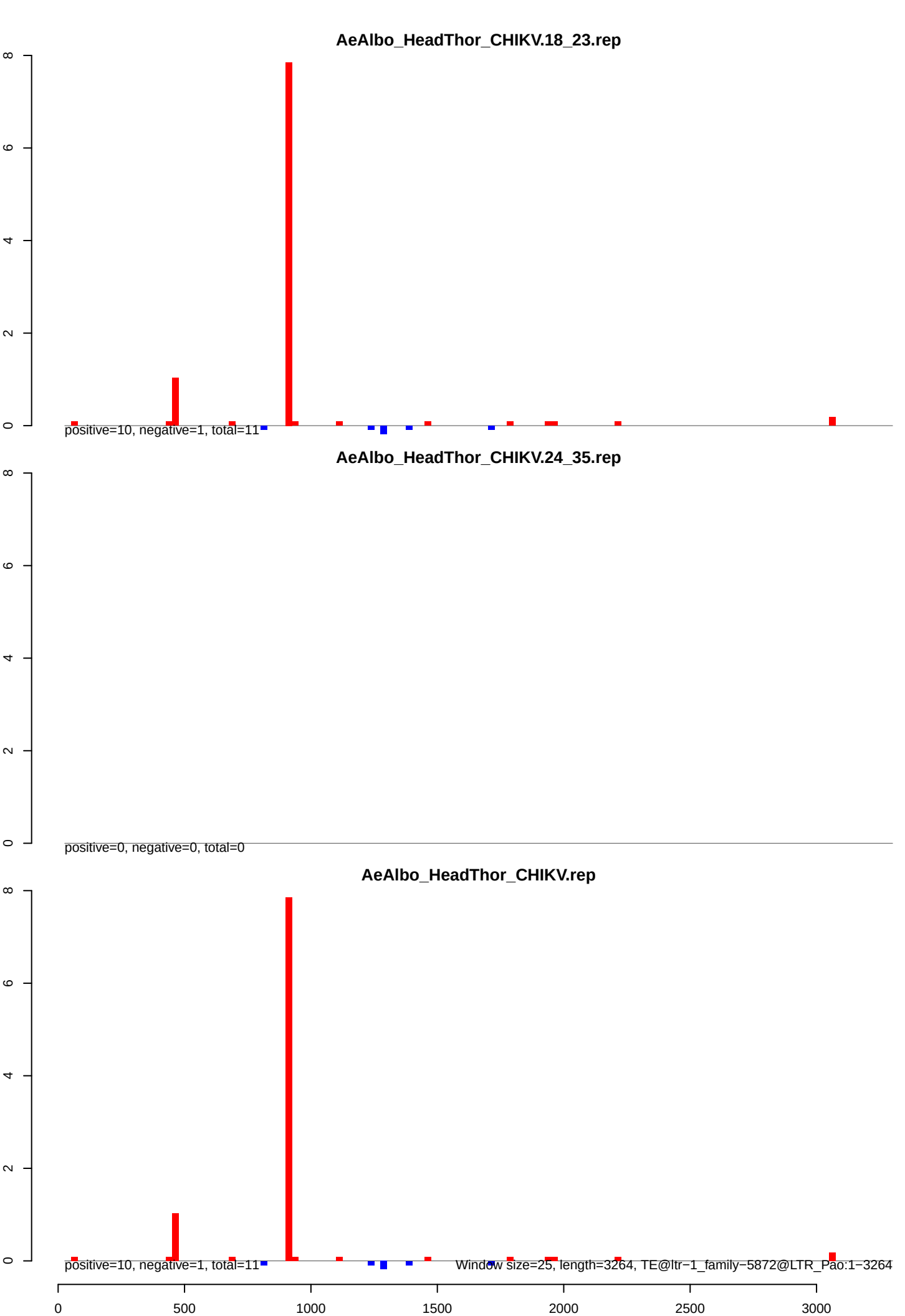

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=2, negative=4, total=6

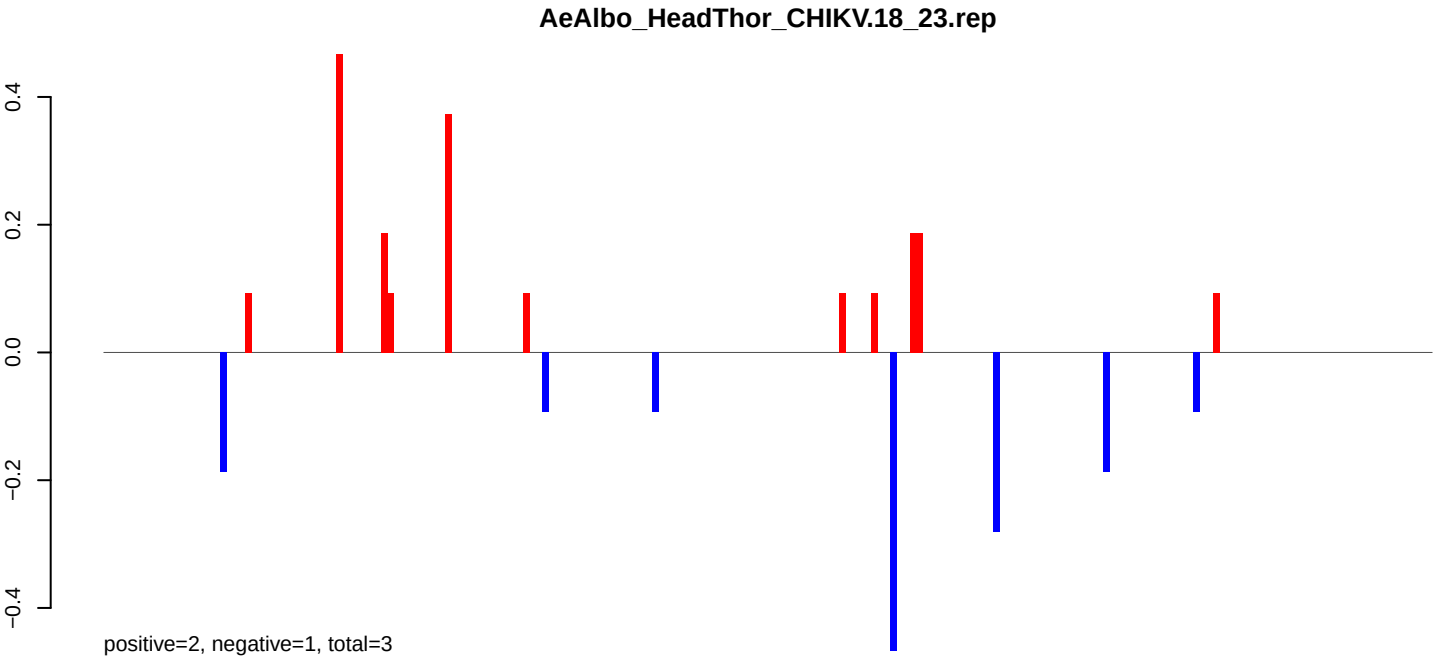

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=1, negative=1, total=1


AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
Window size=25, length=2797, TE@ltr−1_family−6010@DNA_Sola−1:1−2797
0
500
1000
1500
2000
2500

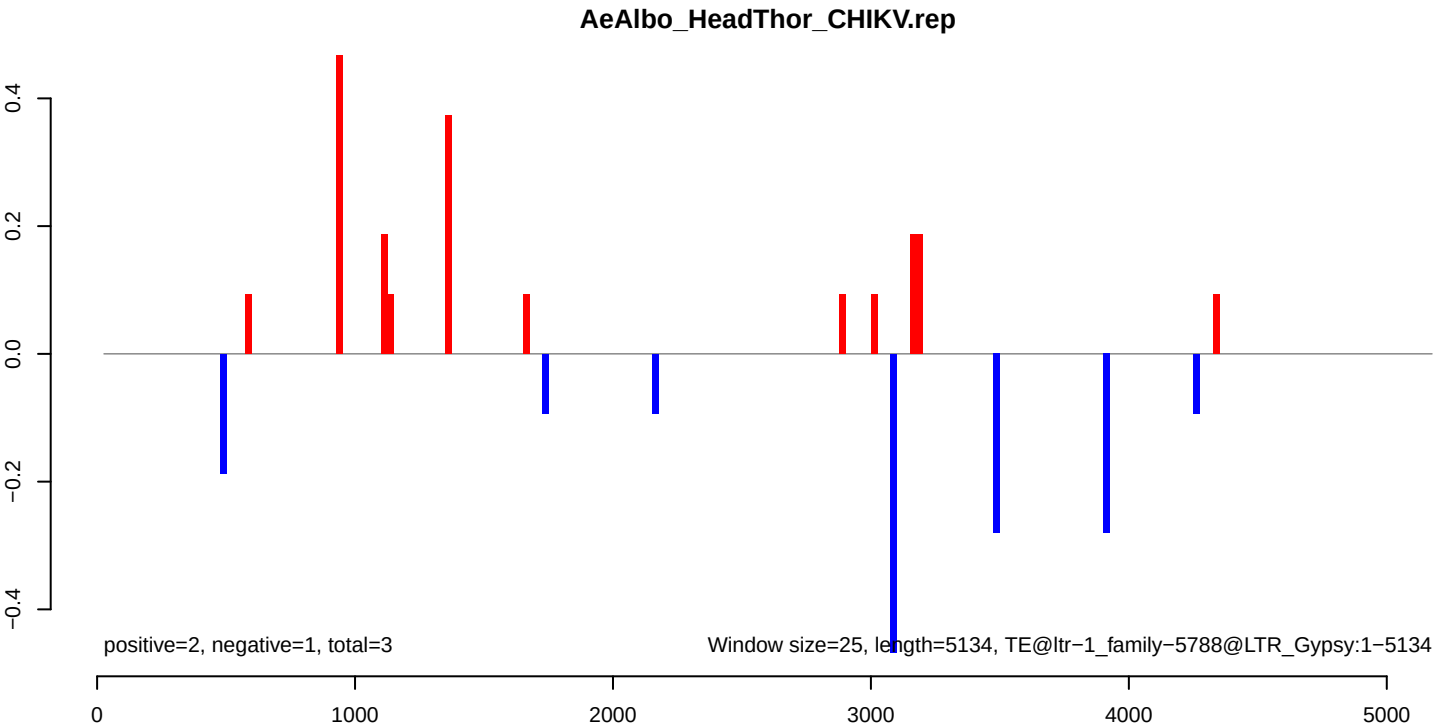

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
positive=9, negative=2, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
positive=9, negative=2, total=11
Window size=25, length=4422, TE@ltr−1_family−5943@LTR_Gypsy:1−4422
0
1000
2000
3000
4000

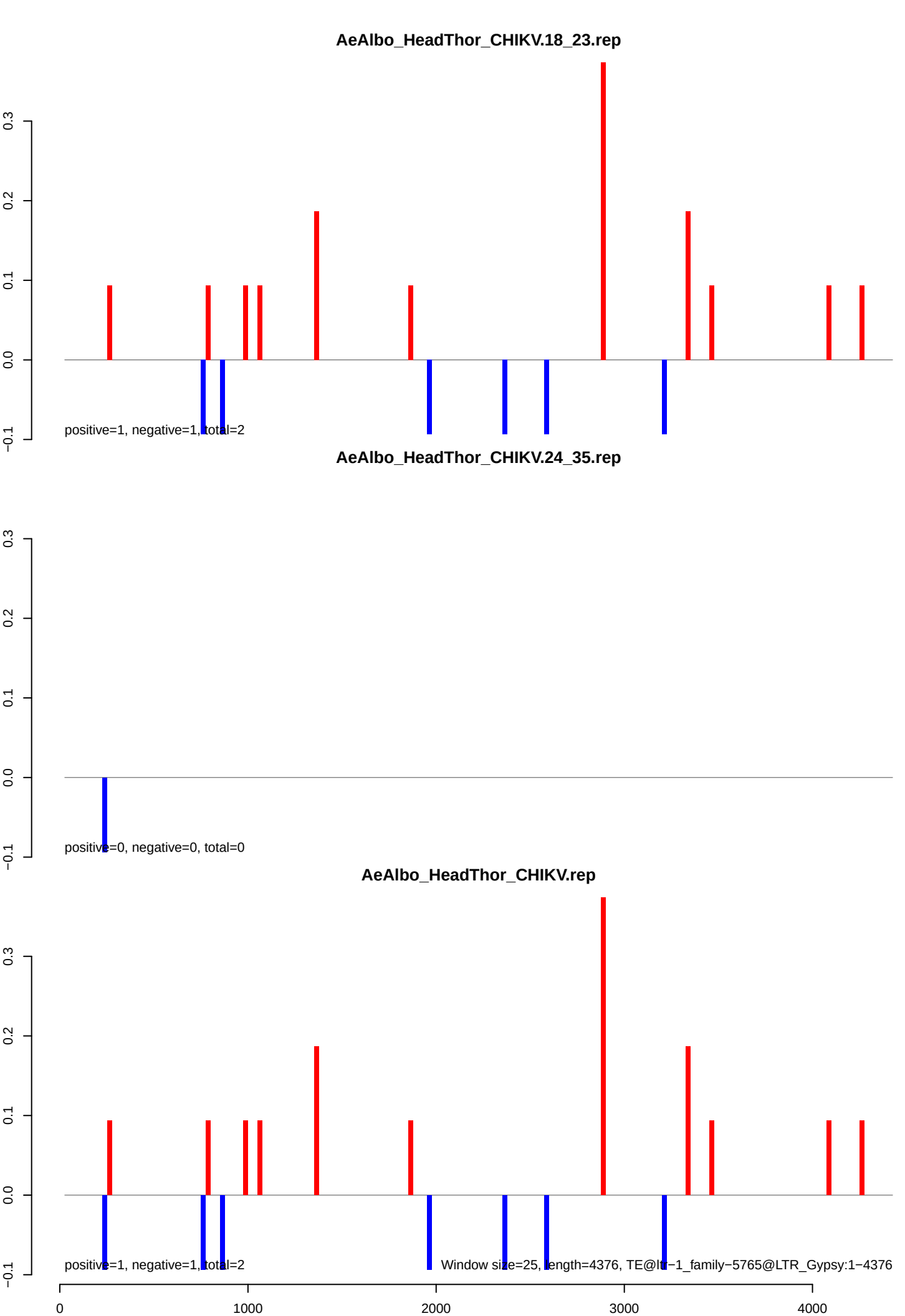

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=2
Window size=25, length=4171, TE@ltr−1_family−5875@LTR_Copia:1−4171
0
1000
2000
3000
4000

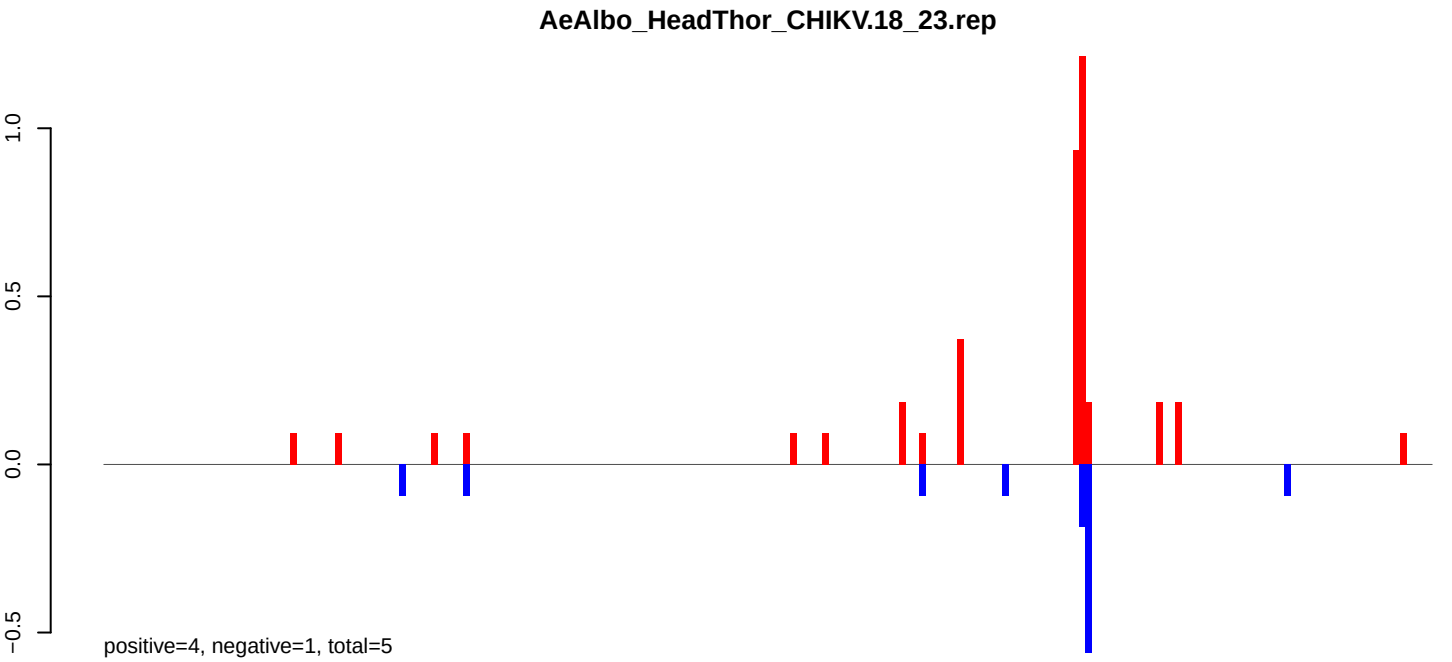

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
positive=10, negative=1, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
positive=10, negative=1, total=11
Window size=25, length=3264, TE@ltr−1_family−5872@LTR_Pao:1−3264
0
500
1000
1500
2000
2500
3000

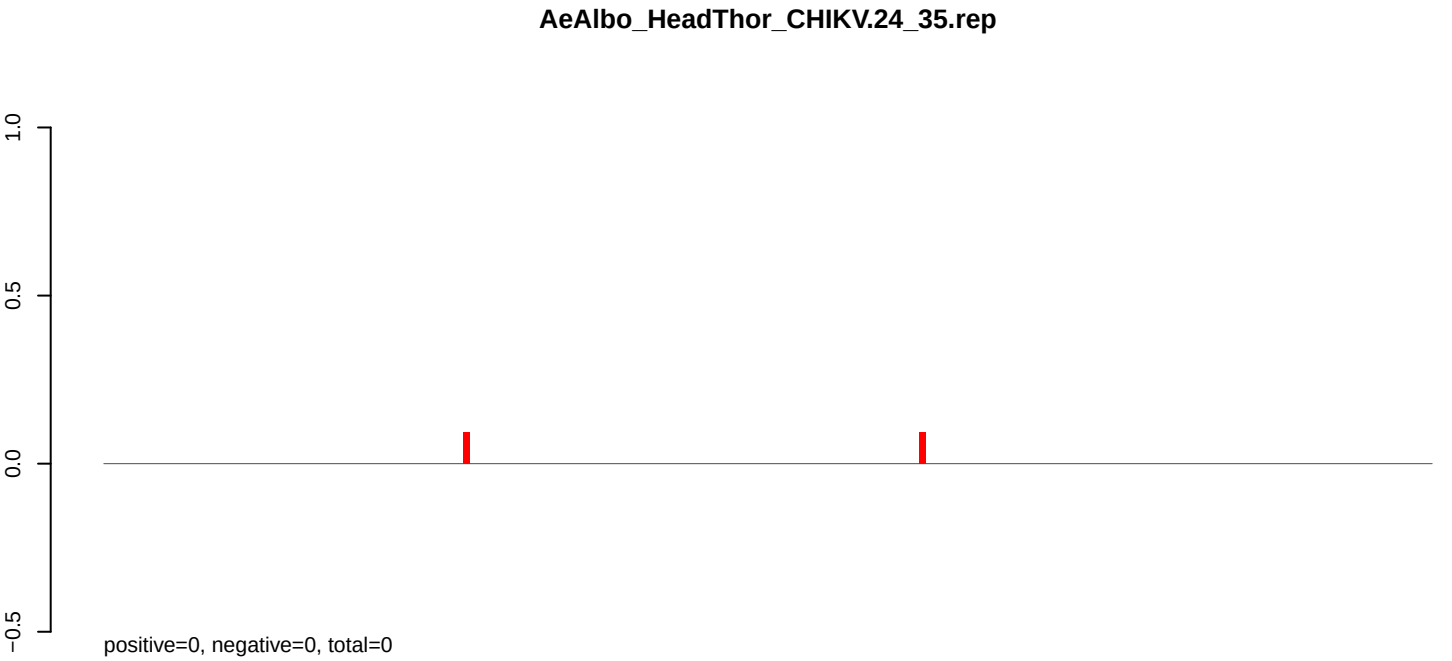

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3

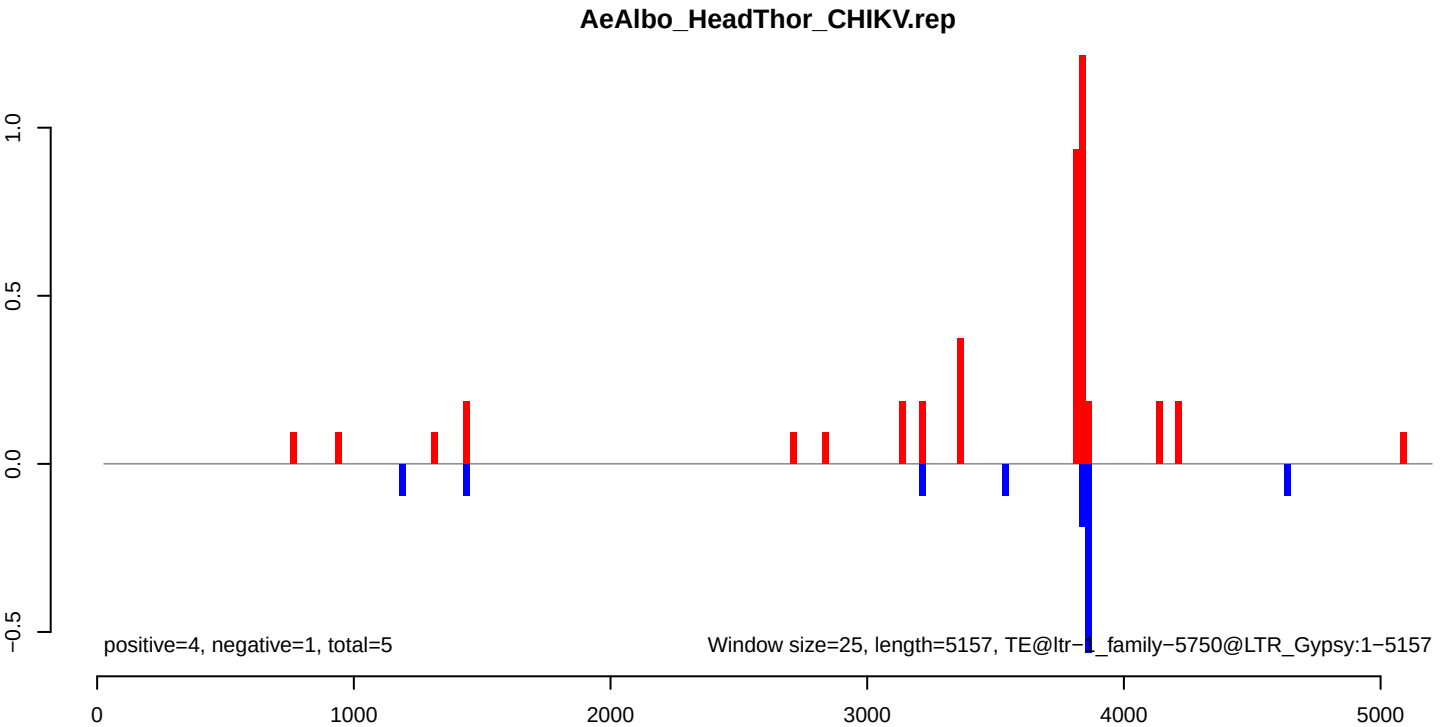
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

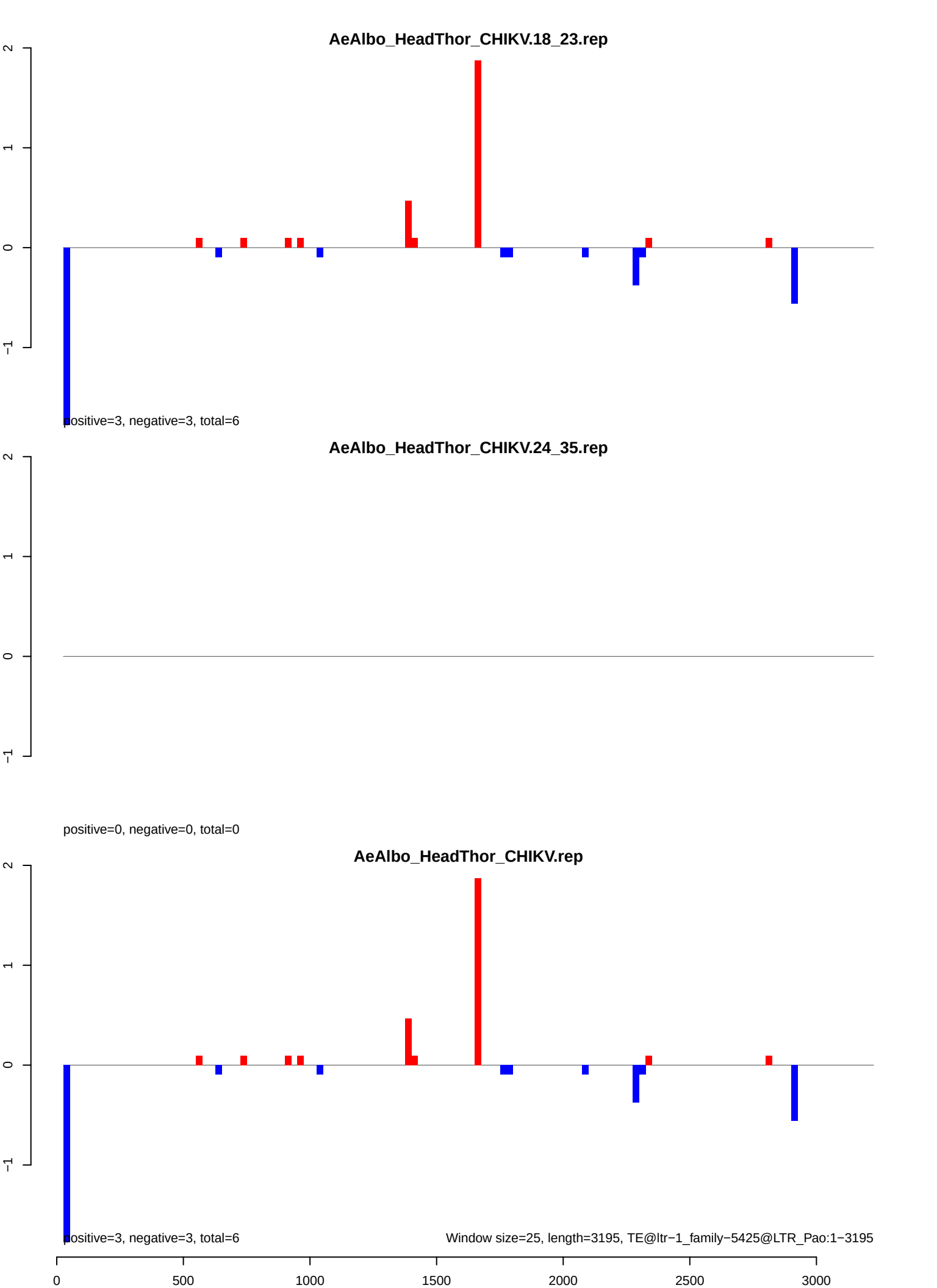

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
Window size=25, length=5134, TE@ltr−1_family−5788@LTR_Gypsy:1−5134
0
1000
2000
3000
4000
5000

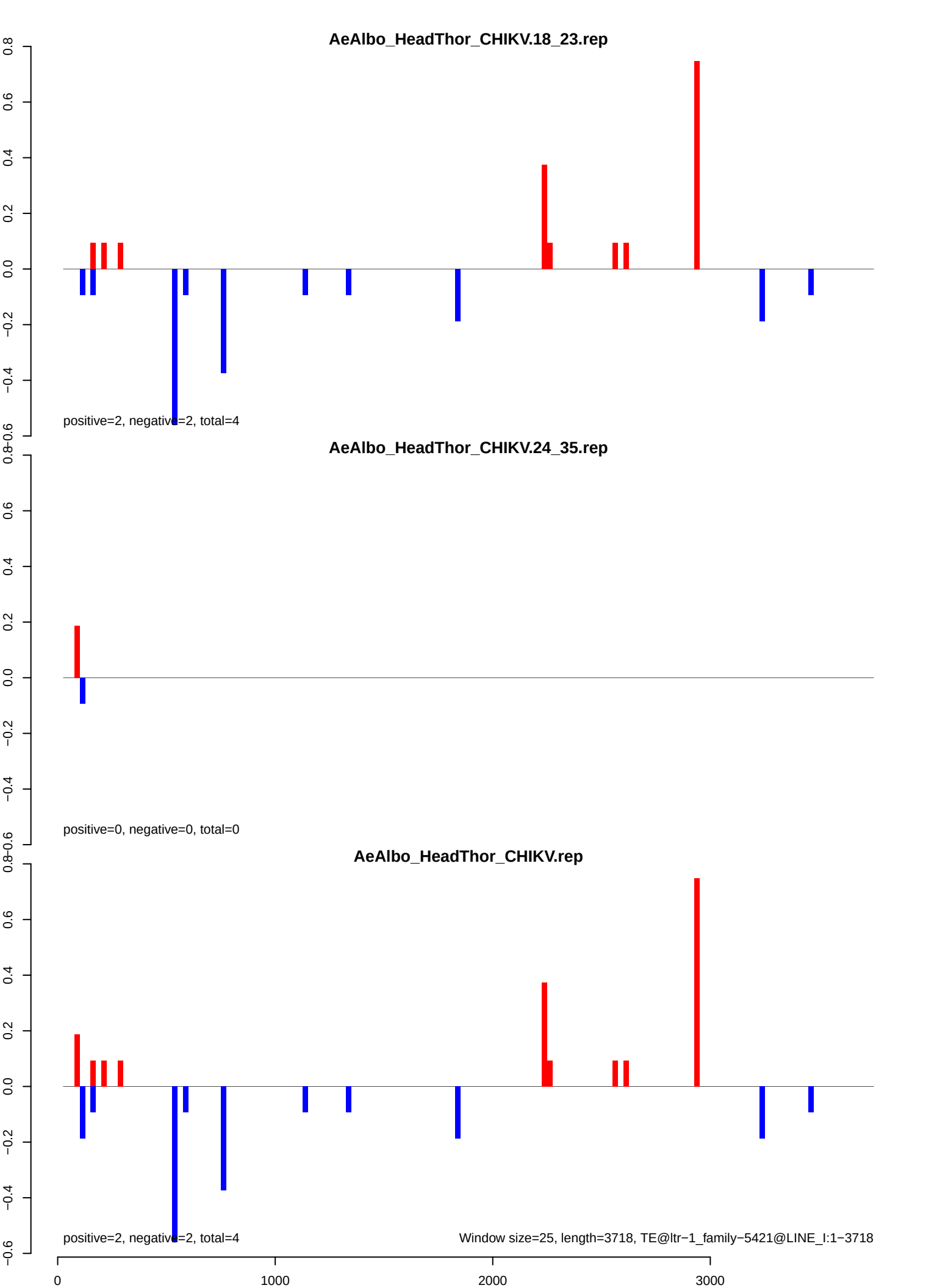

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=2
Window size=25, length=4376, TE@ltr−1_family−5765@LTR_Gypsy:1−4376
0
1000
2000
3000
4000

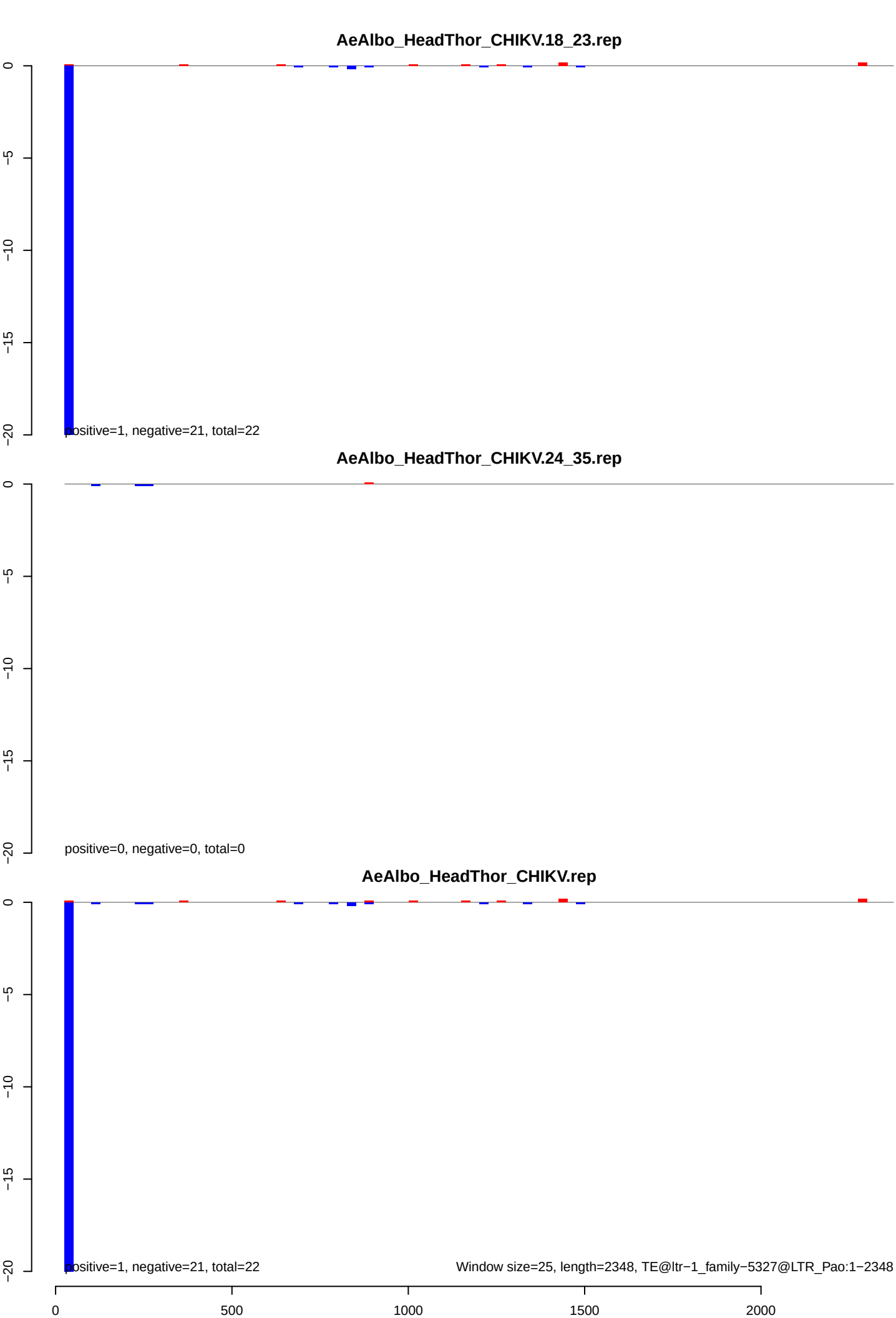

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=4, negative=1, total=5

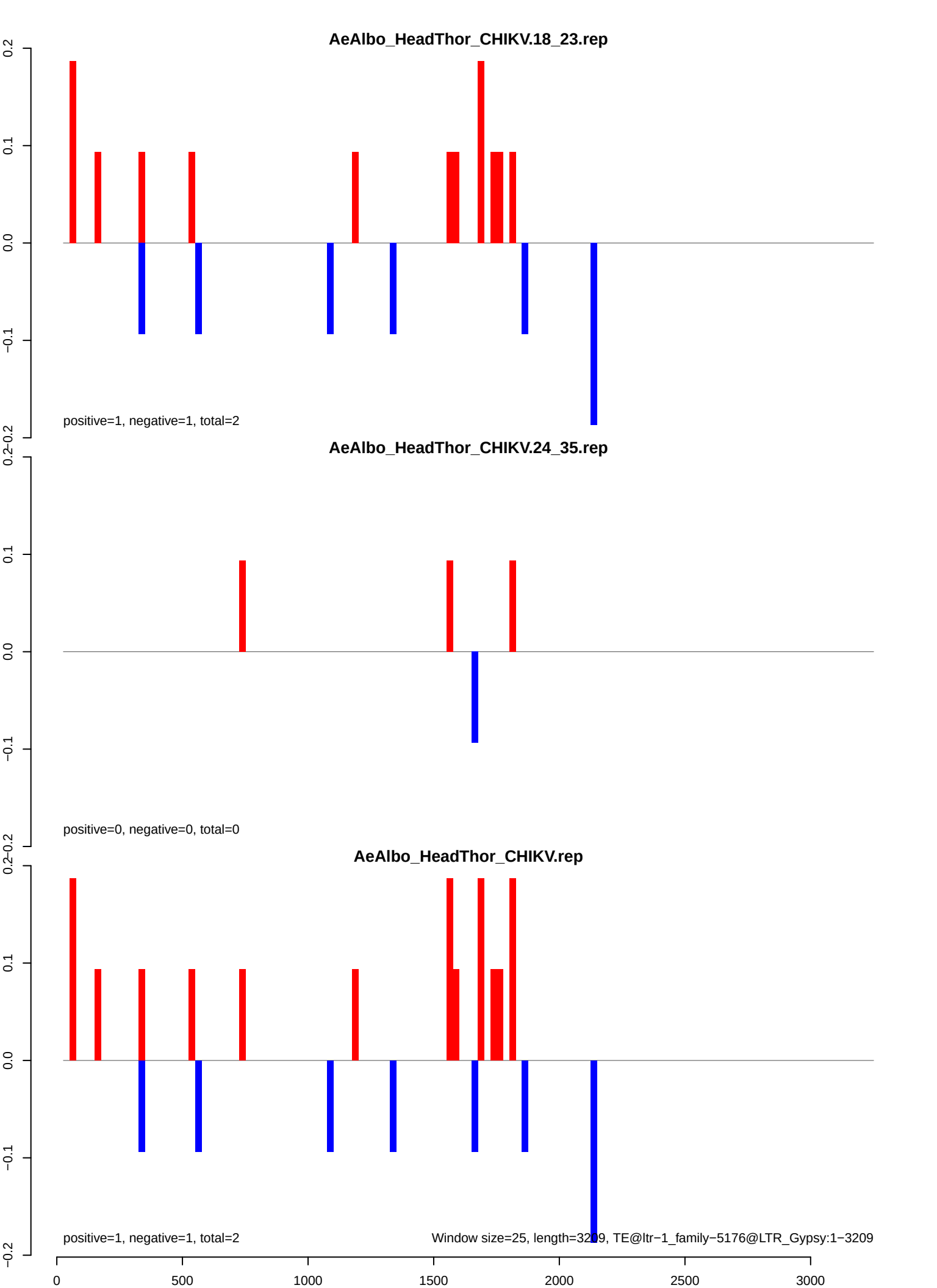

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

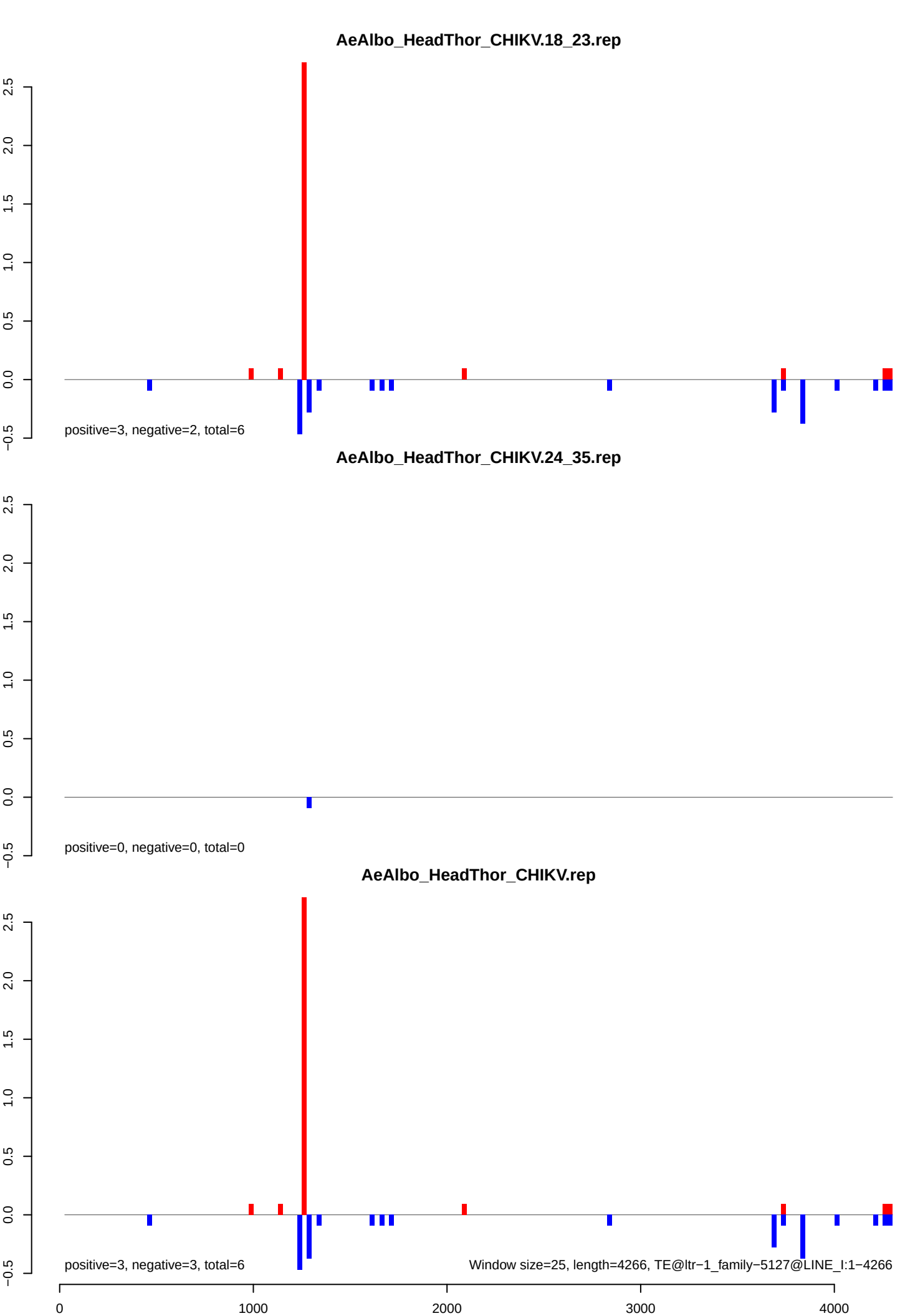

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=4, negative=1, total=5
Window size=25, length=5157, TE@ltr−1_family−5750@LTR_Gypsy:1−5157
0
1000
2000
3000
4000
5000

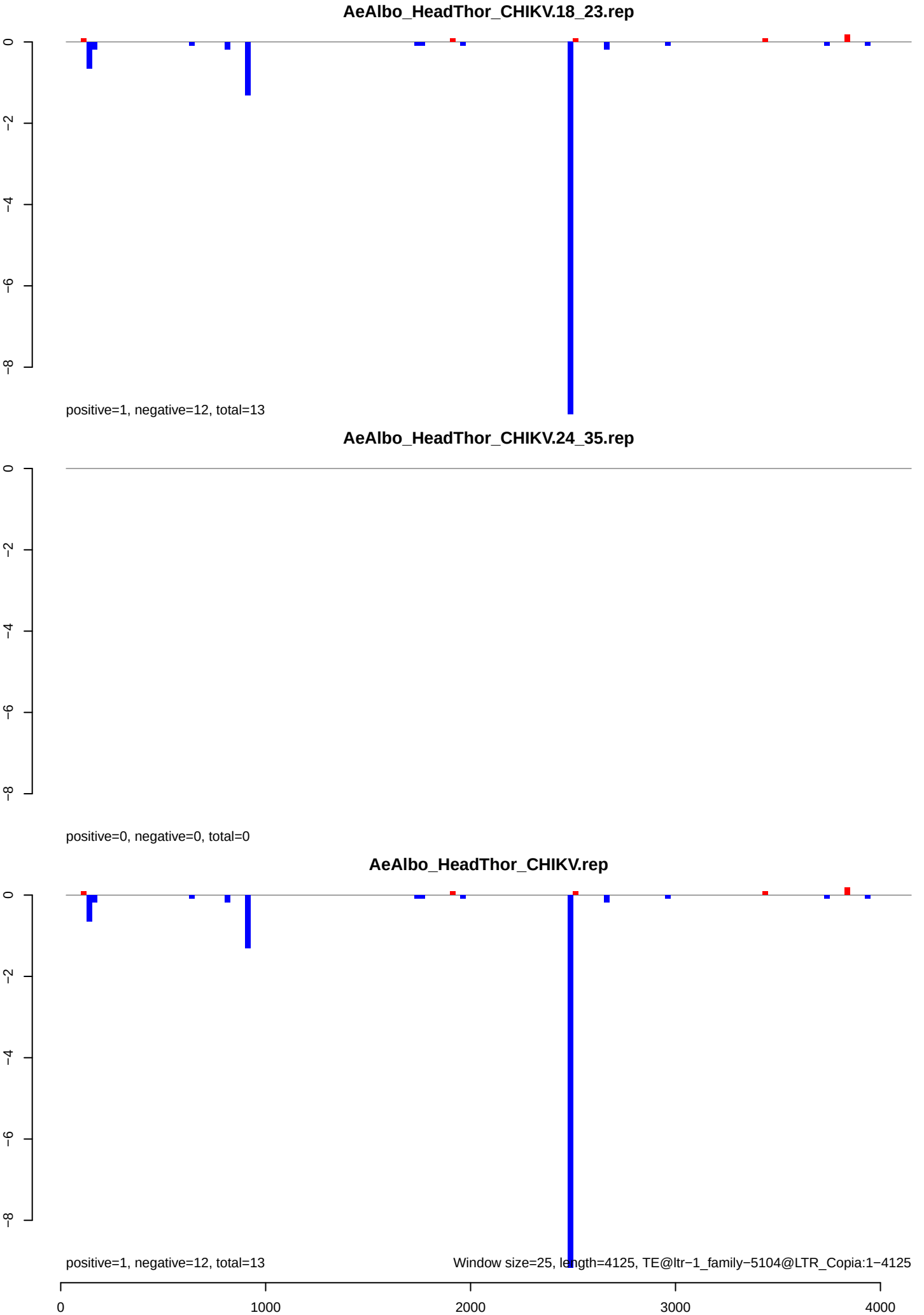

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=3, negative=3, total=6
Window size=25, length=3195, TE@ltr−1_family−5425@LTR_Pao:1−3195
0
500
1000
1500
2000
2500
3000

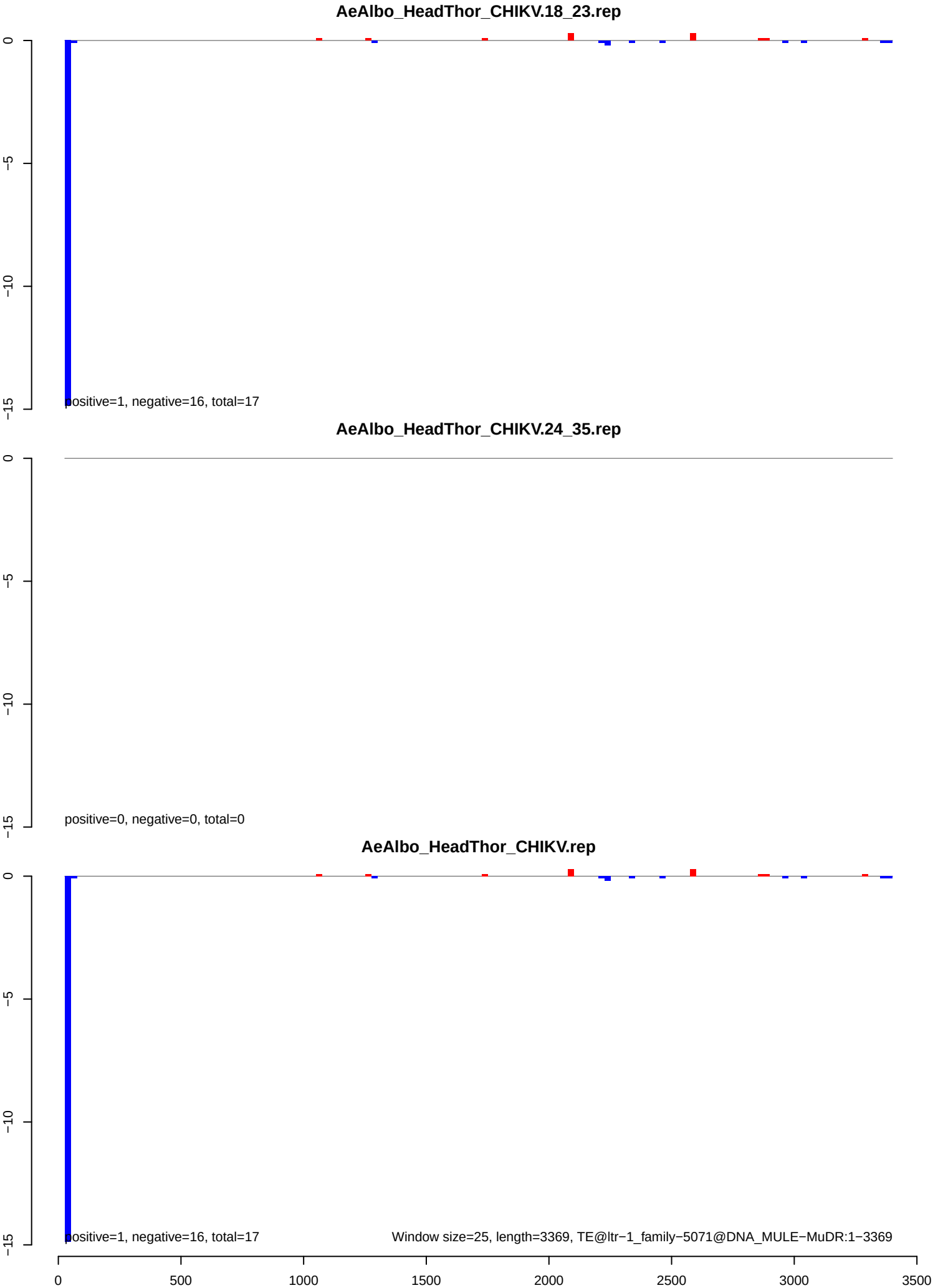

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=3718, TE@ltr−1_family−5421@LINE_I:1−3718
0
1000
2000
3000

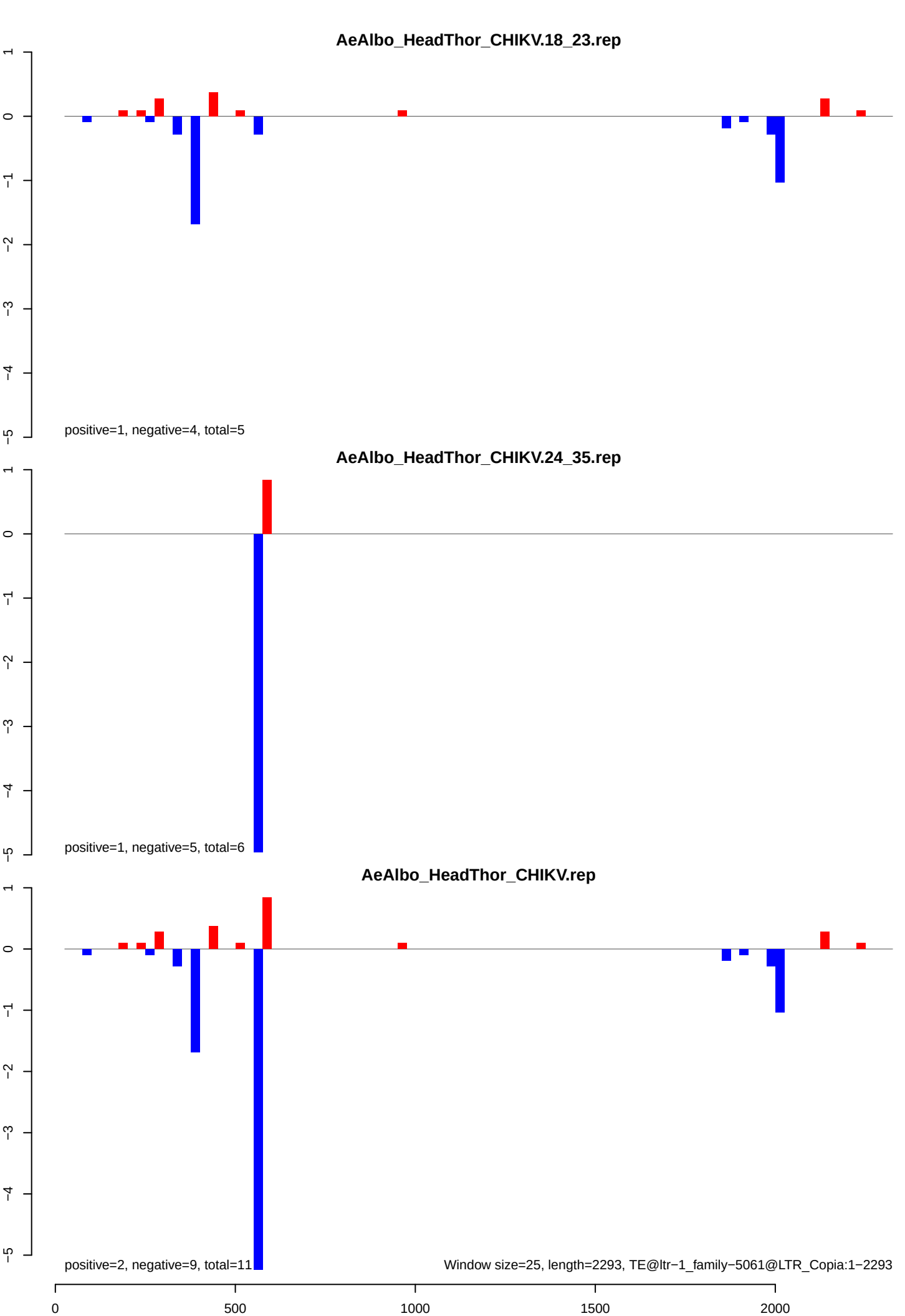

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=21, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=21, total=22
Window size=25, length=2348, TE@ltr−1_family−5327@LTR_Pao:1−2348
0
500
1000
1500
2000

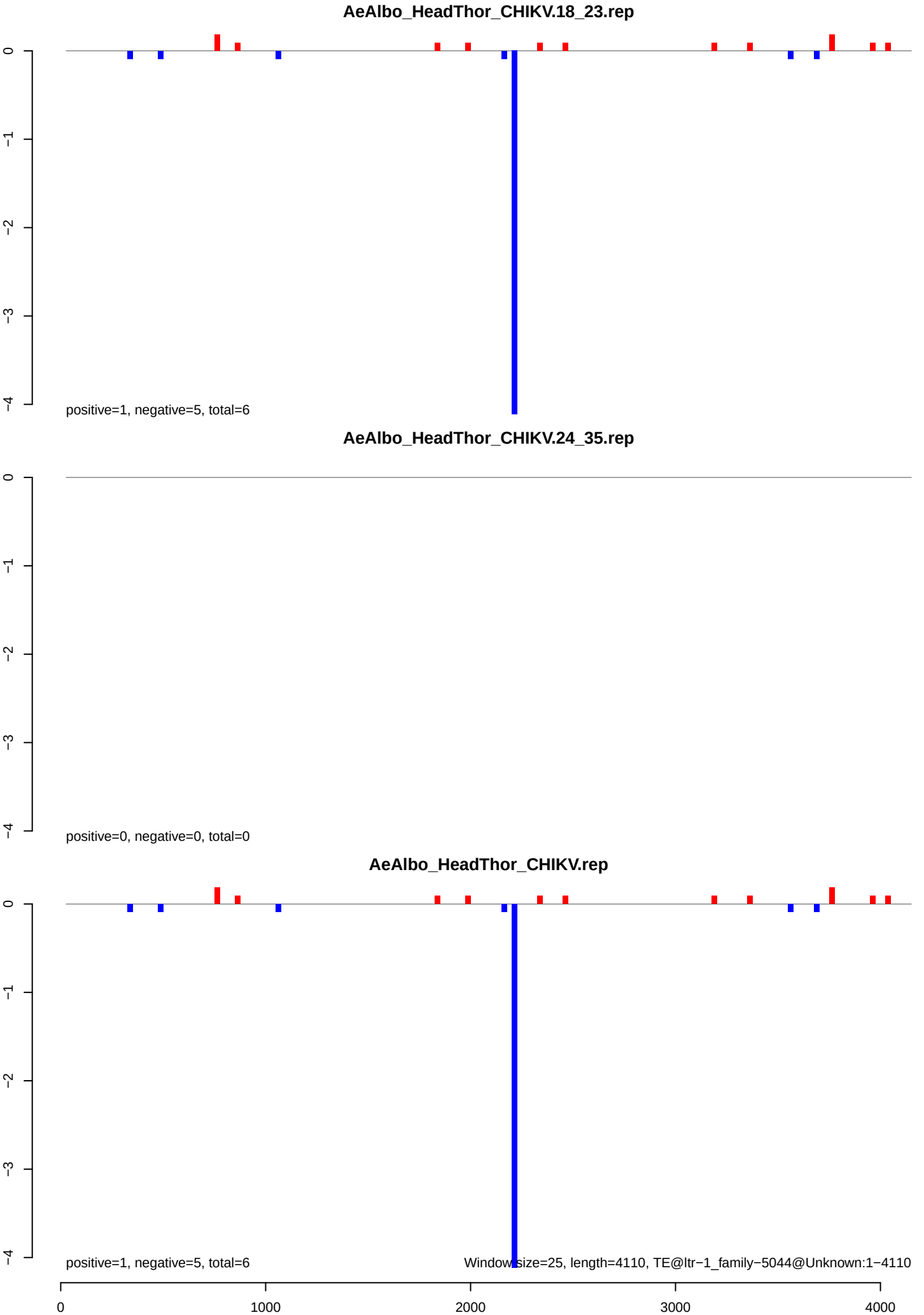

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=3209, TE@ltr−1_family−5176@LTR_Gypsy:1−3209
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500
3000

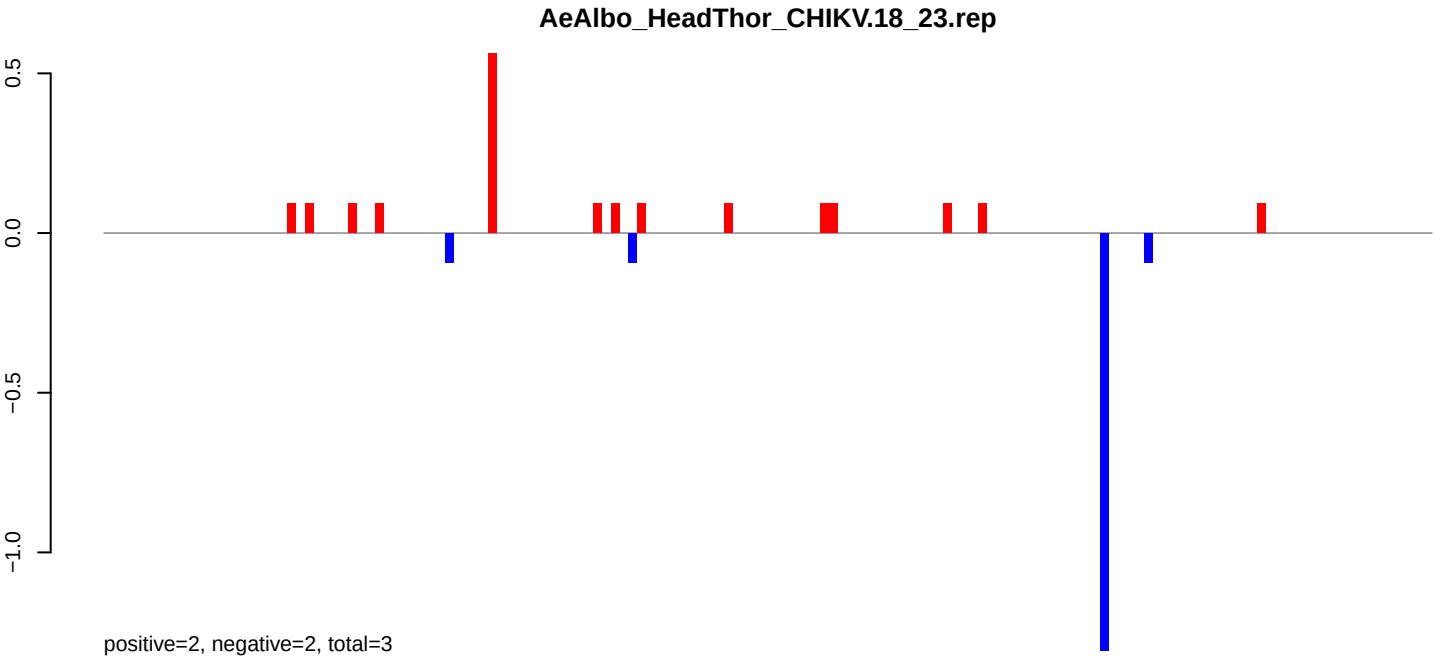

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=3, total=6
Window size=25, length=4266, TE@ltr−1_family−5127@LINE_I:1−4266
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000

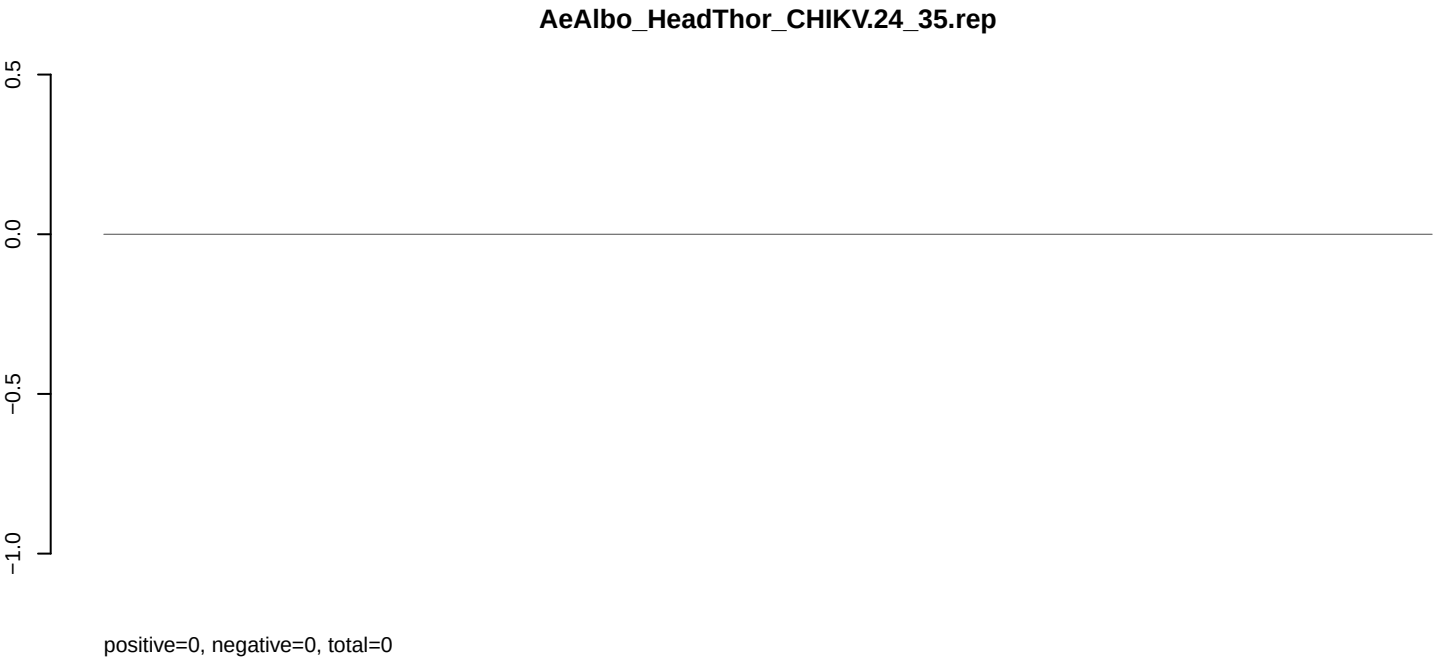

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=1, negative=12, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=1, negative=12, total=13
Window size=25, length=4125, TE@ltr−1_family−5104@LTR_Copia:1−4125
0
1000
2000
3000
4000

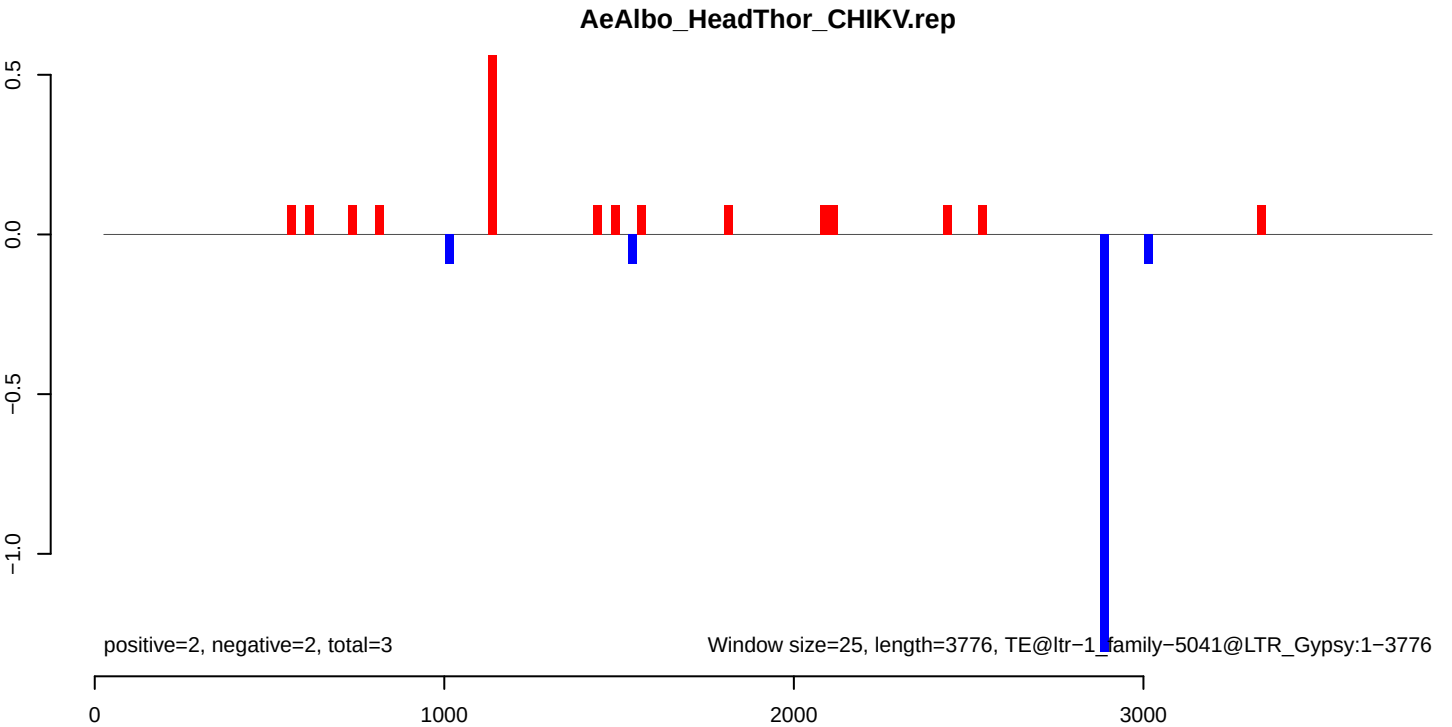

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=16, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=16, total=17
Window size=25, length=3369, TE@ltr−1_family−5071@DNA_MULE−MuDR:1−3369
0
500
1000
1500
2000
2500
3000
3500

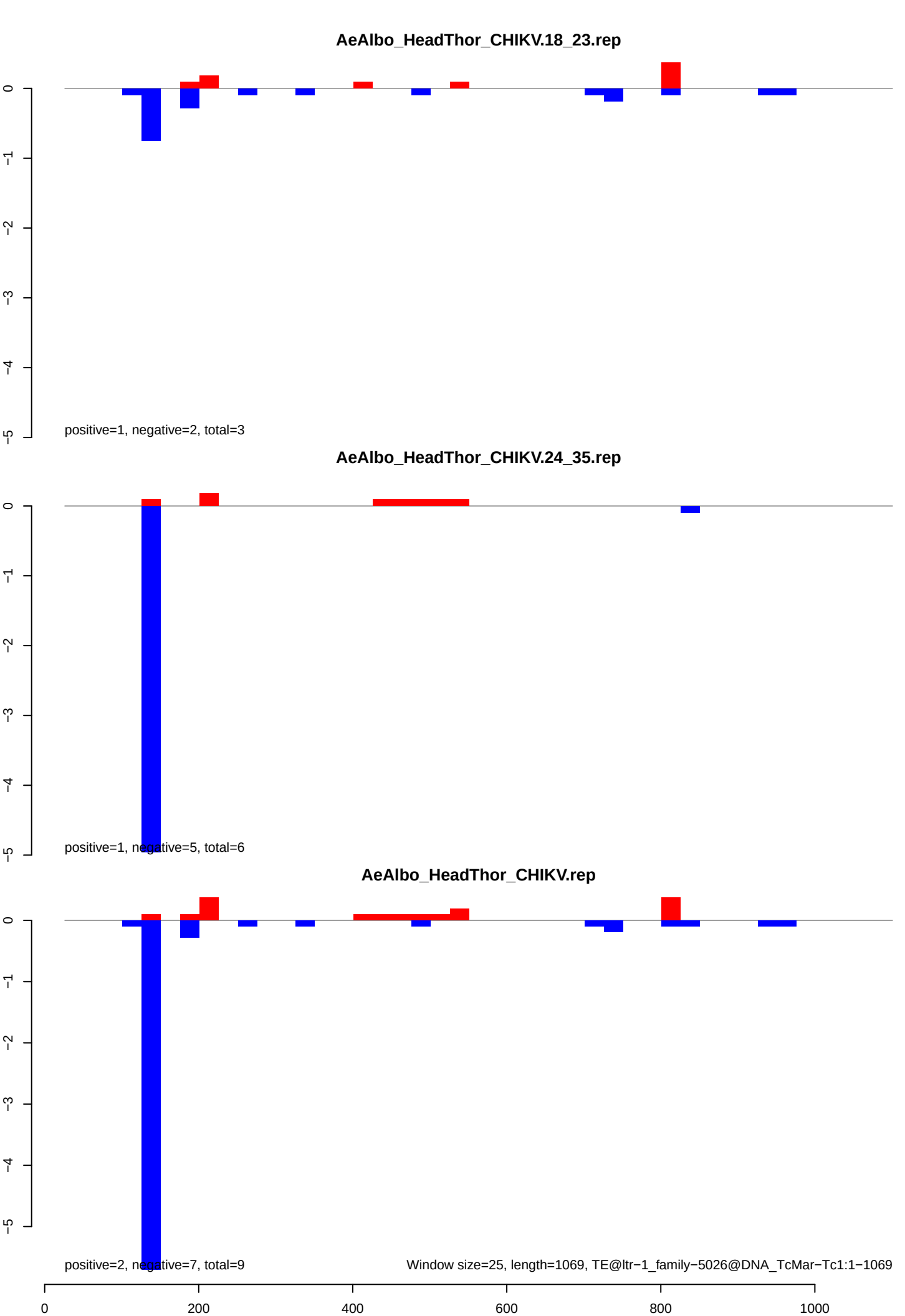

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=4, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=9, total=11
Window size=25, length=2293, TE@ltr−1_family−5061@LTR_Copia:1−2293
1
0
−1
−2
−3
−4
−5
0
500
1000
1500
2000

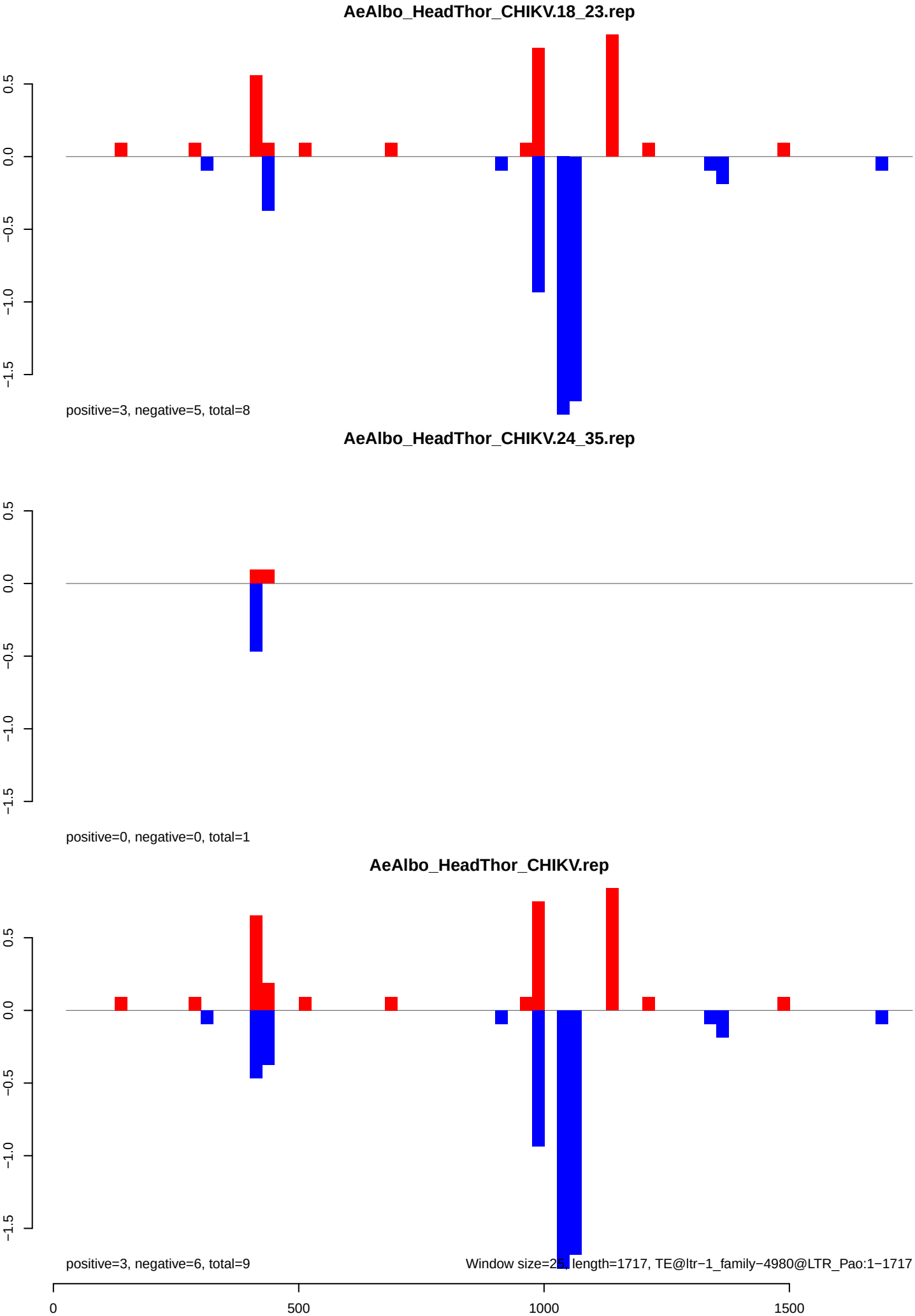

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=1, negative=5, total=6
Window size=25, length=4110, TE@ltr−1_family−5044@Unknown:1−4110
0
1000
2000
3000
4000

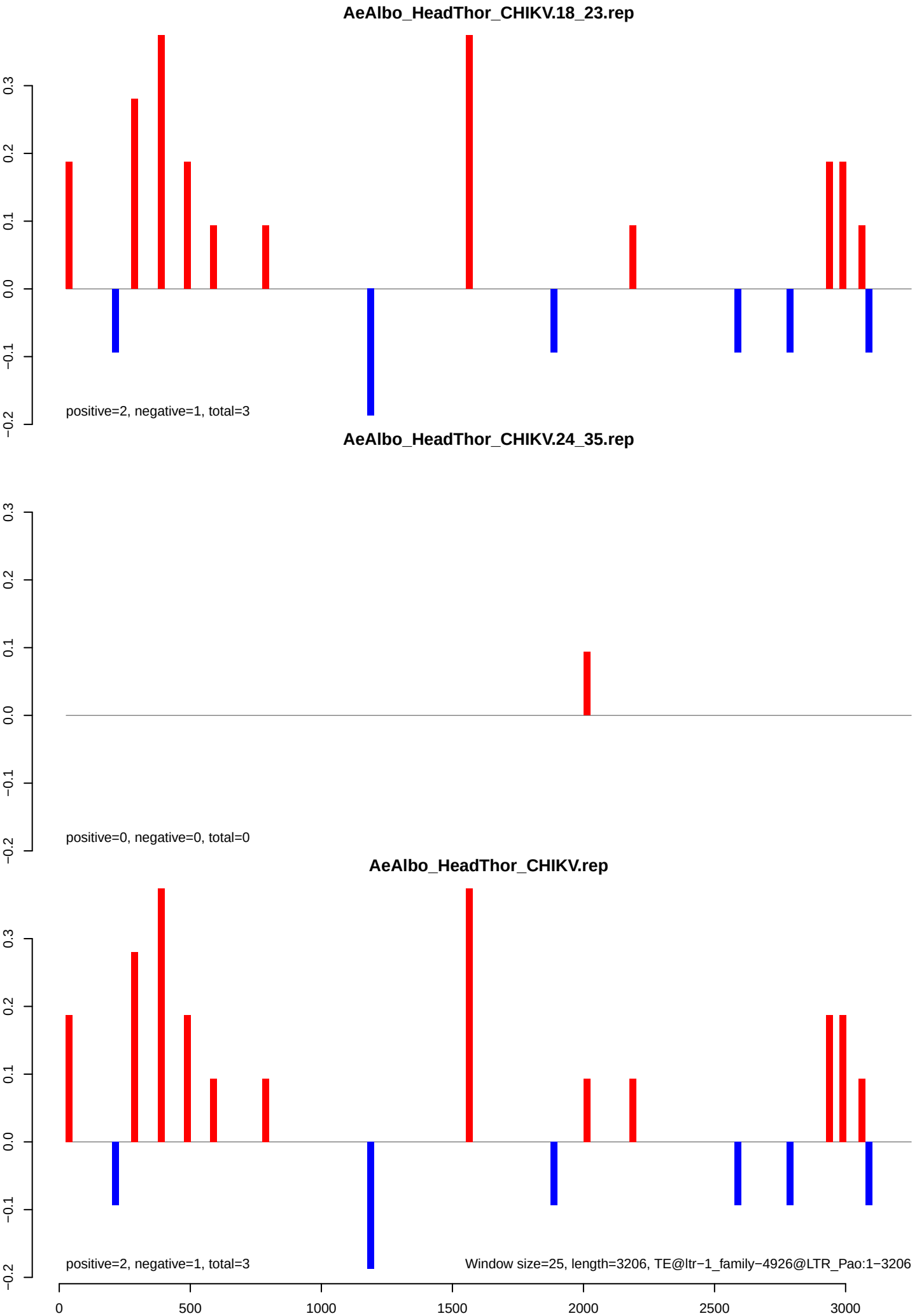

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=3

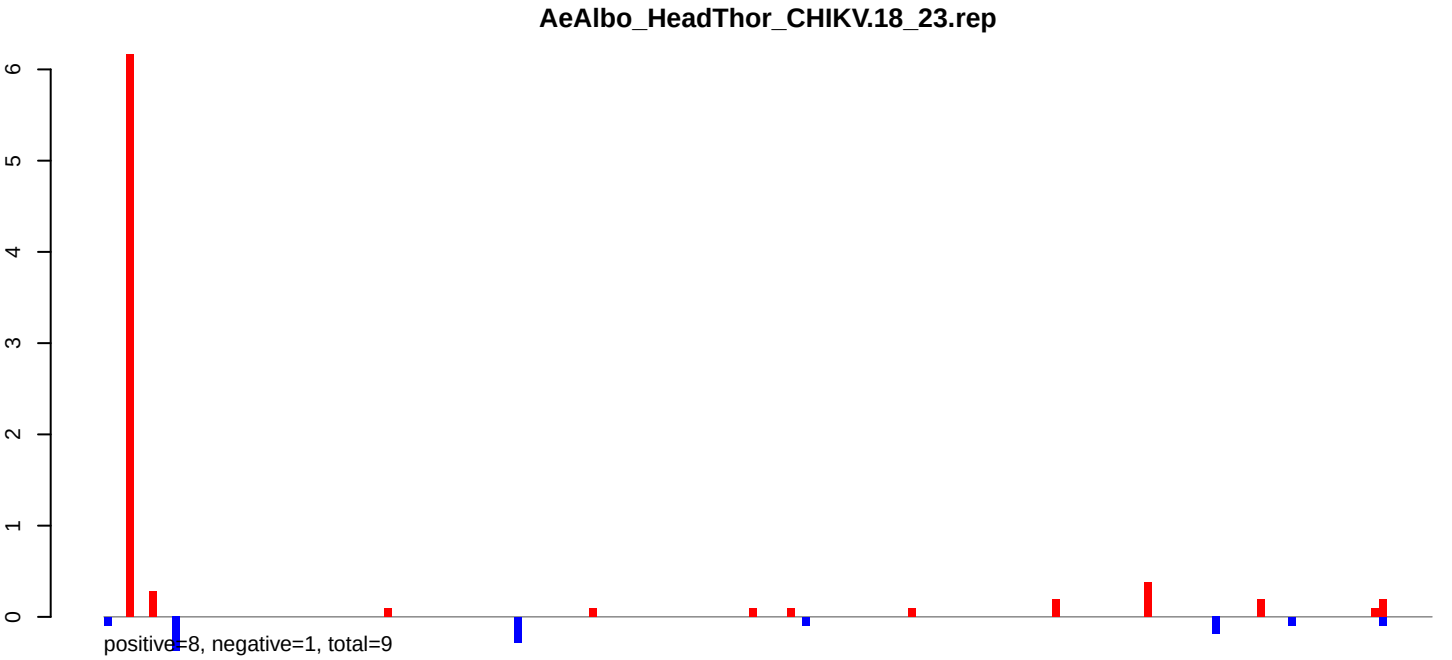

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

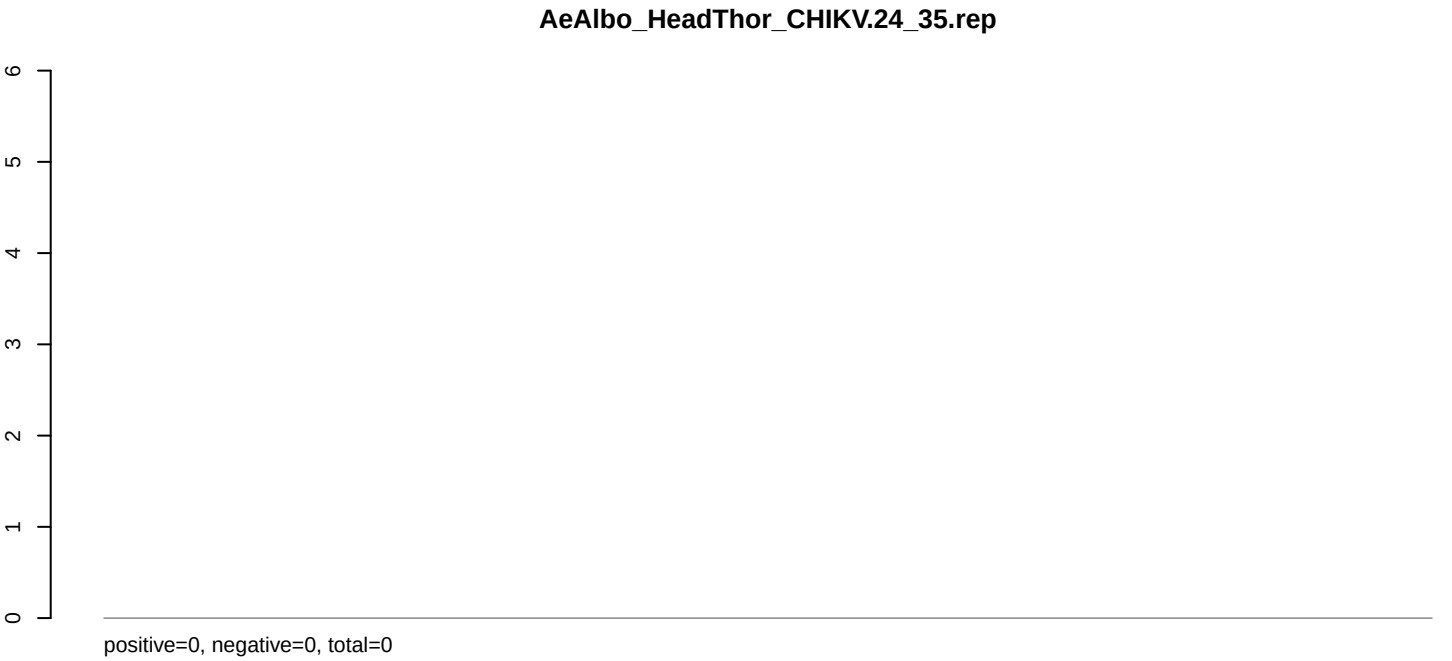

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=3
Window size=25, length=3776, TE@ltr−1_family−5041@LTR_Gypsy:1−3776
0
1000
2000
3000

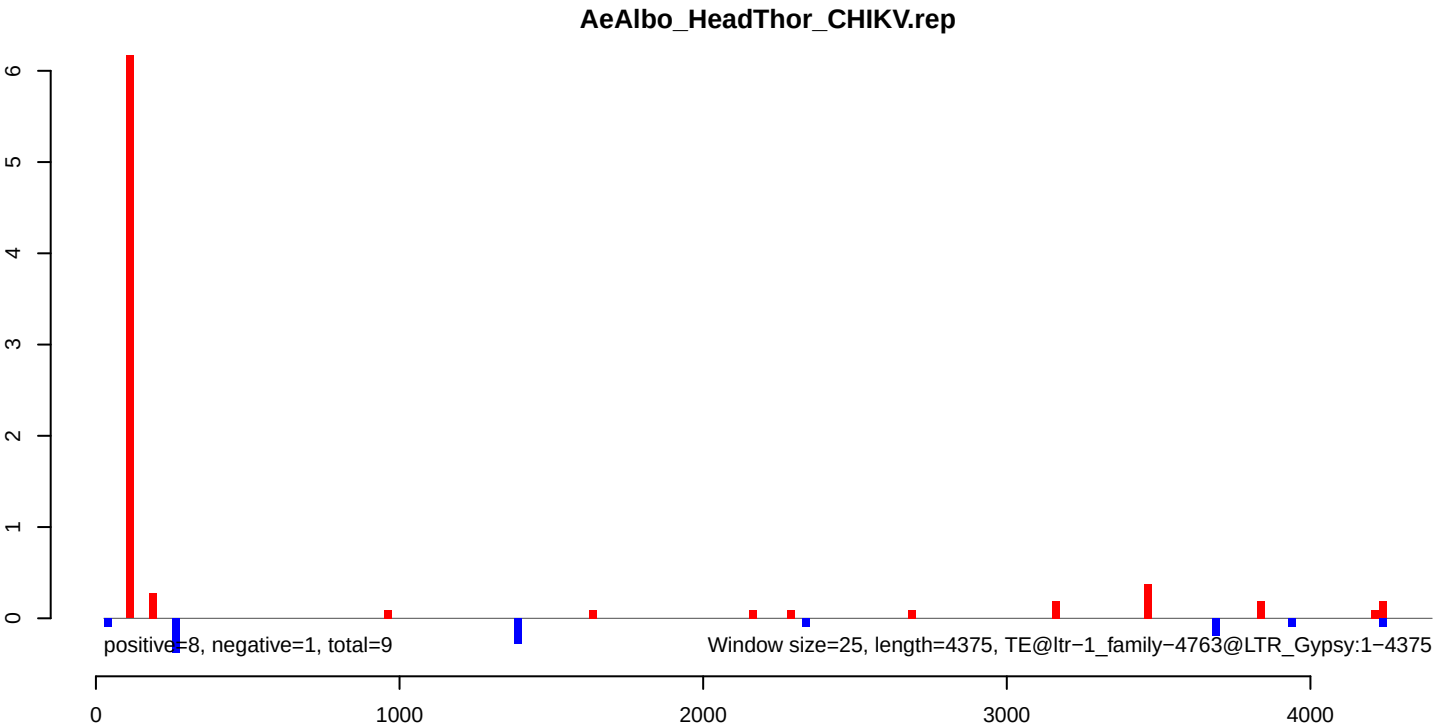

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=2, negative=7, total=9
Window size=25, length=1069, TE@ltr−1_family−5026@DNA_TcMar−Tc1:1−1069
0
200
400
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=5, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=6, total=9
Window size=25, length=1717, TE@ltr−1_family−4980@LTR_Pao:1−1717
0
500
1000
1500


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=3206, TE@ltr−1_family−4926@LTR_Pao:1−3206
0.3
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500
3000

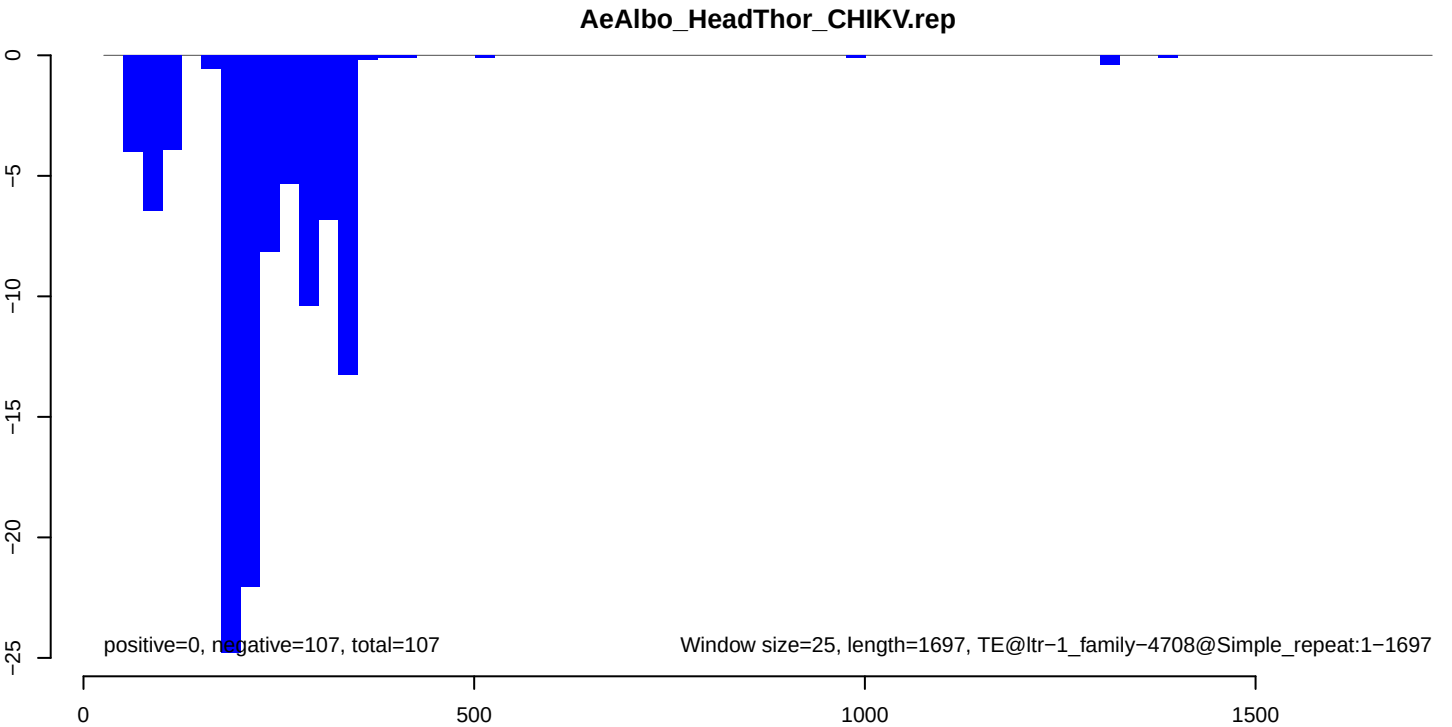

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
6
positive=8, negative=1, total=9

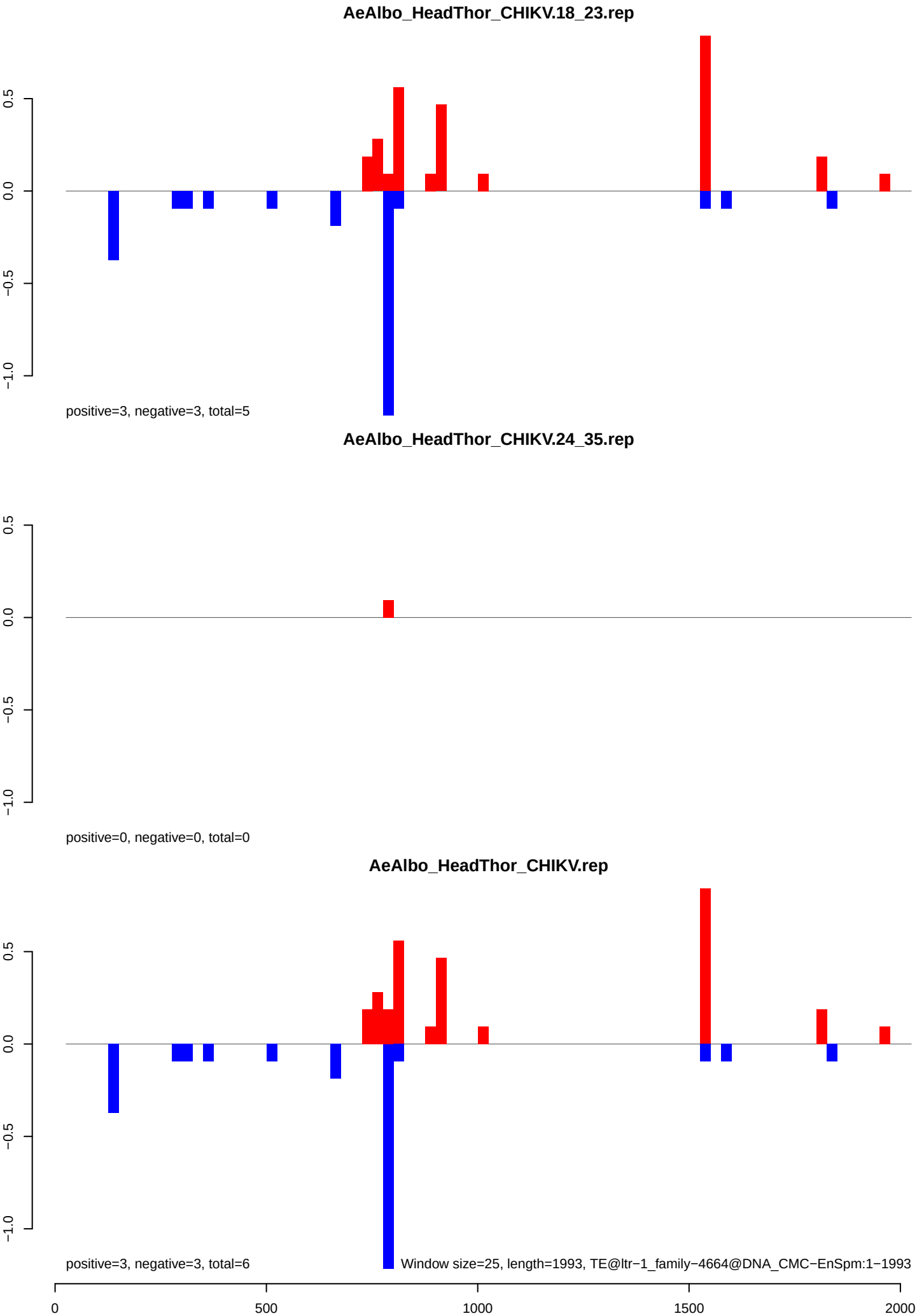

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
6
positive=0, negative=0, total=0

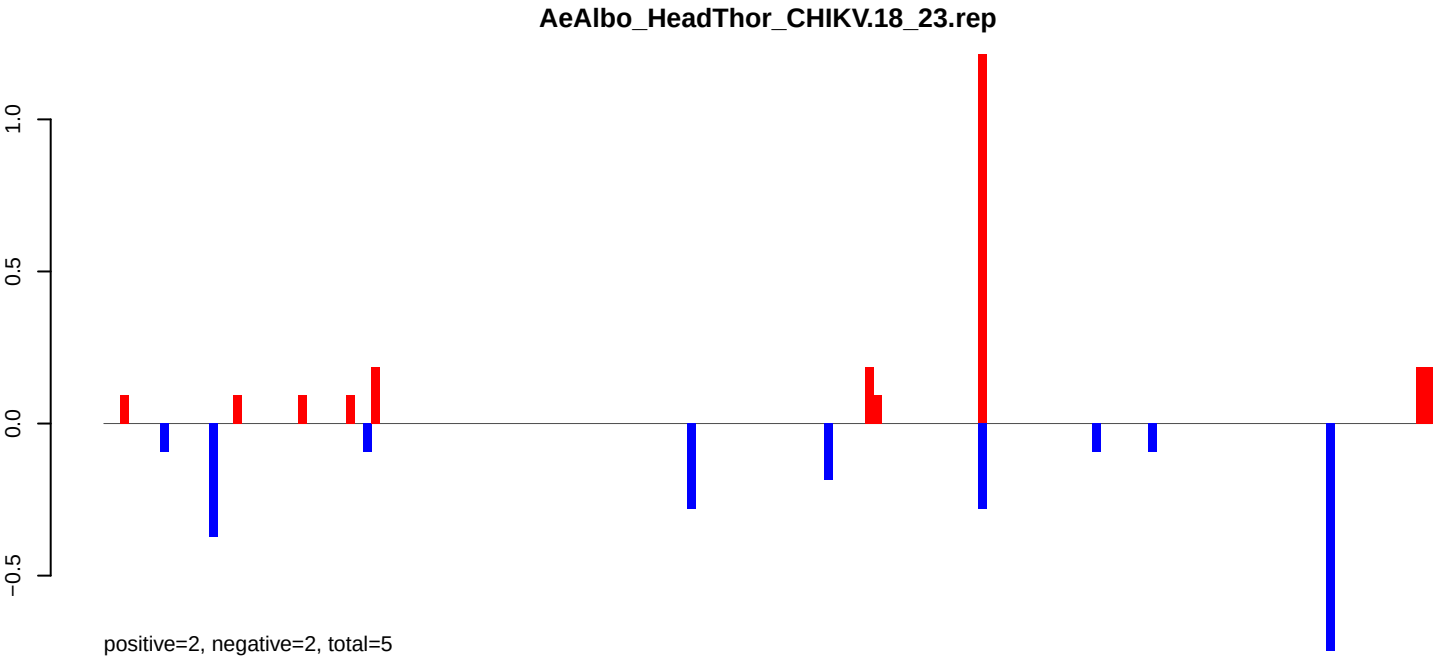

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
6
positive=8, negative=1, total=9
Window size=25, length=4375, TE@ltr−1_family−4763@LTR_Gypsy:1−4375
0
1000
2000
3000
4000

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=0, negative=101, total=101

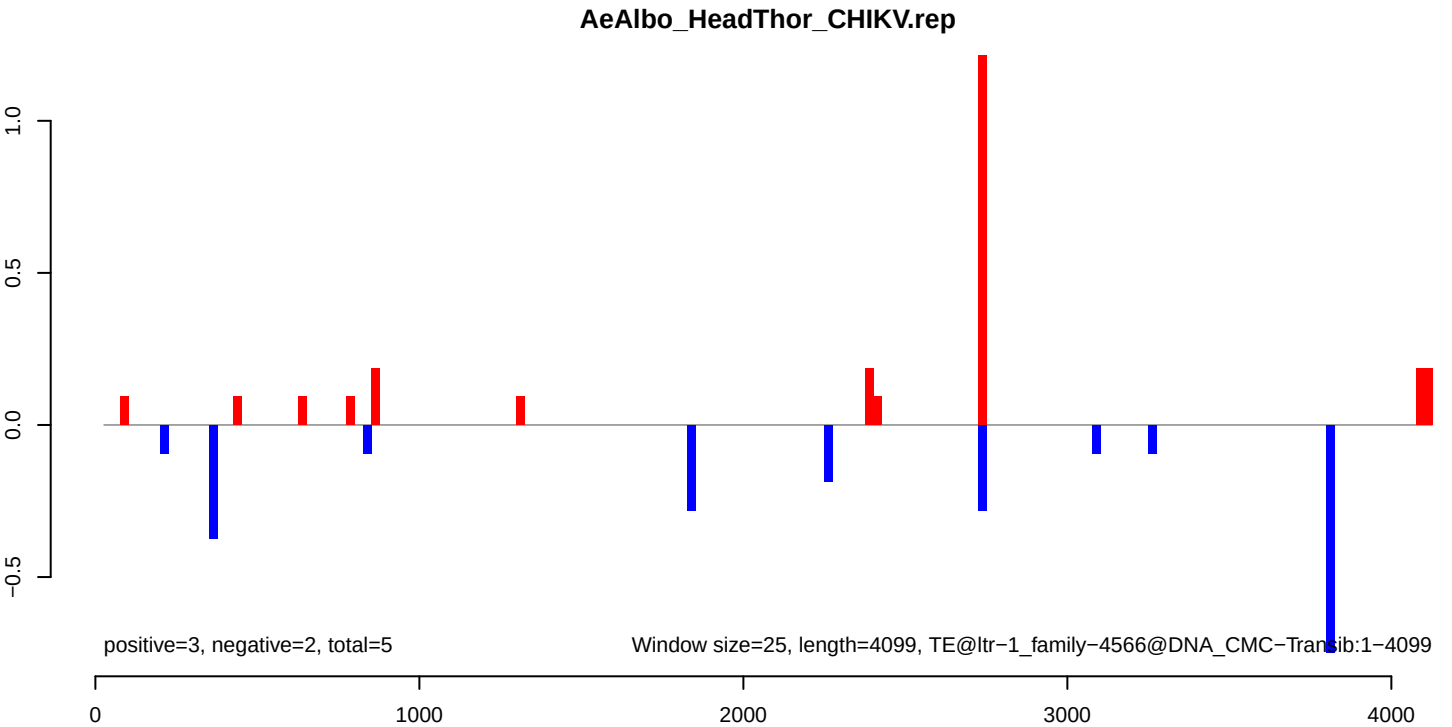
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=5, total=5

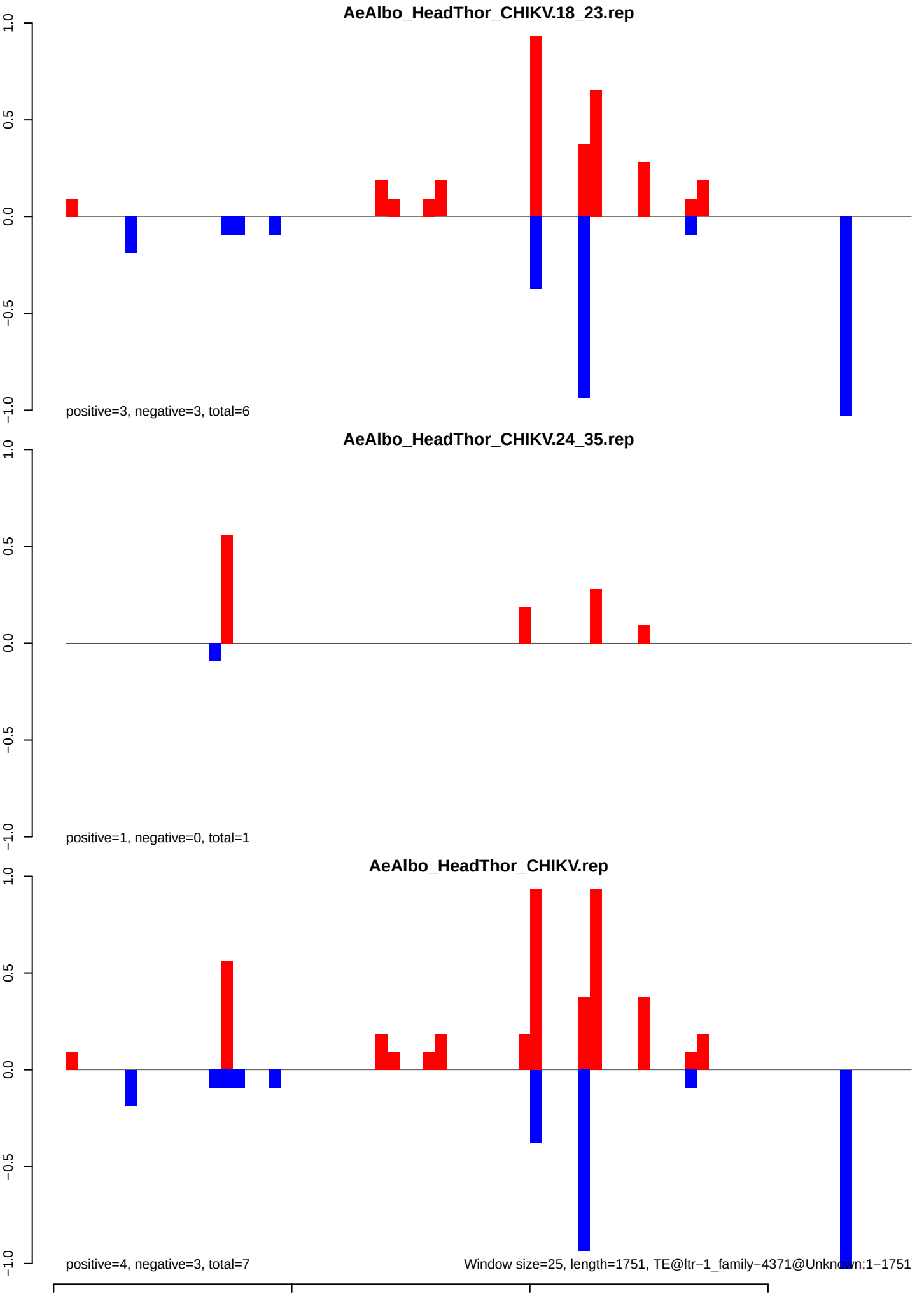

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=0, negative=107, total=107
Window size=25, length=1697, TE@ltr−1_family−4708@Simple_repeat:1−1697
0
500
1000
1500

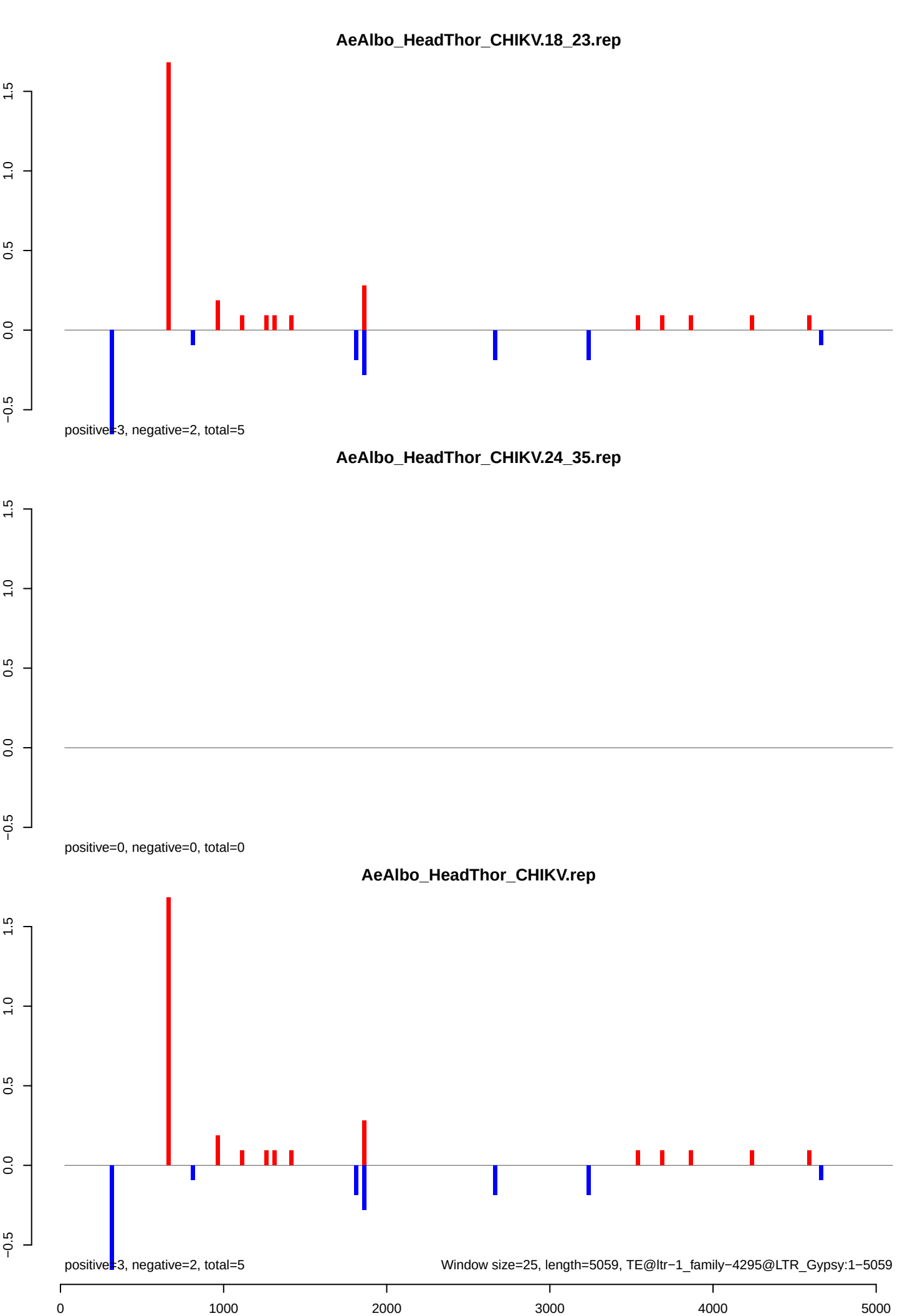

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
Window size=25, length=1993, TE@ltr−1_family−4664@DNA_CMC−EnSpm:1−1993
0
500
1000
1500
2000

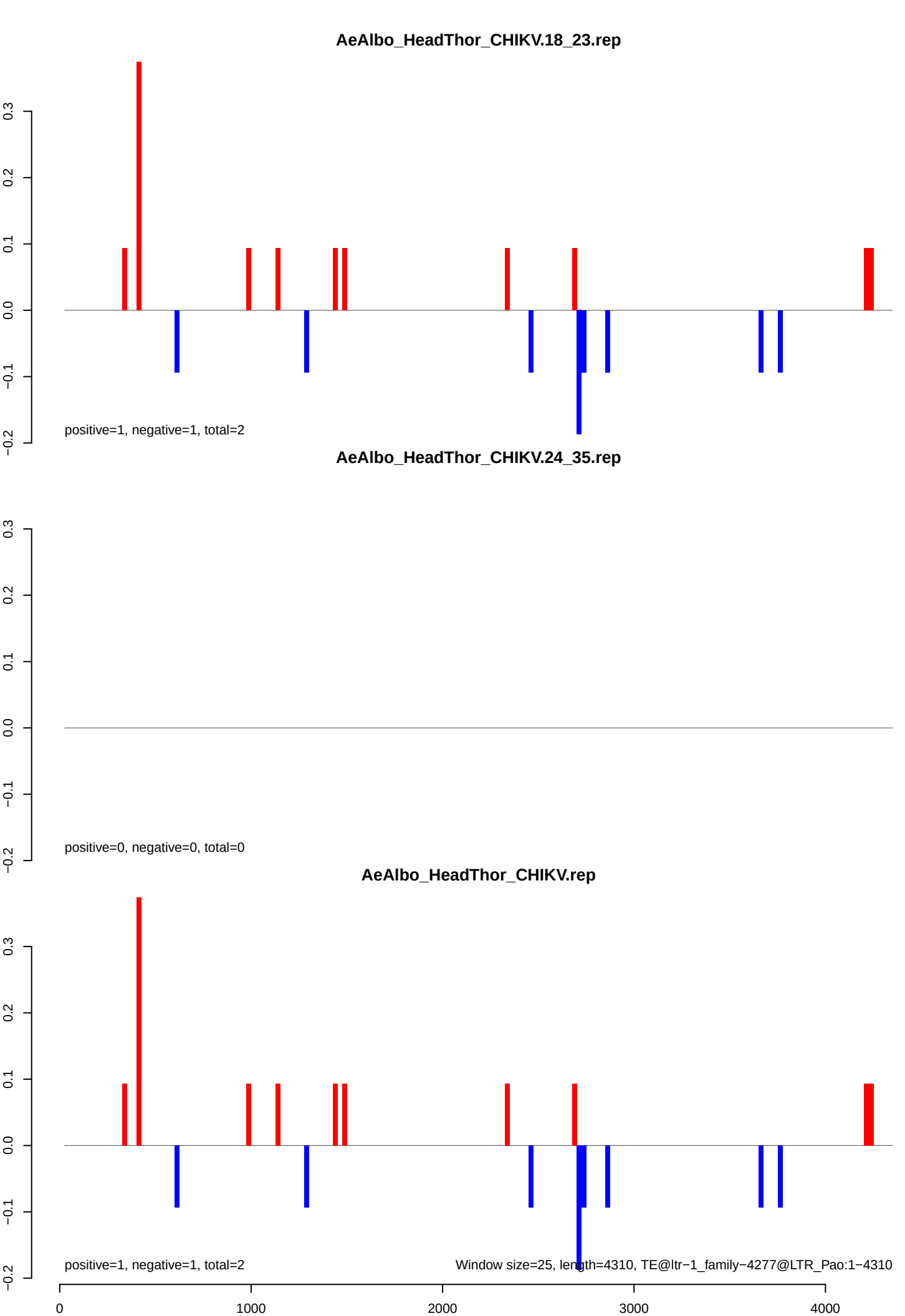

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=5

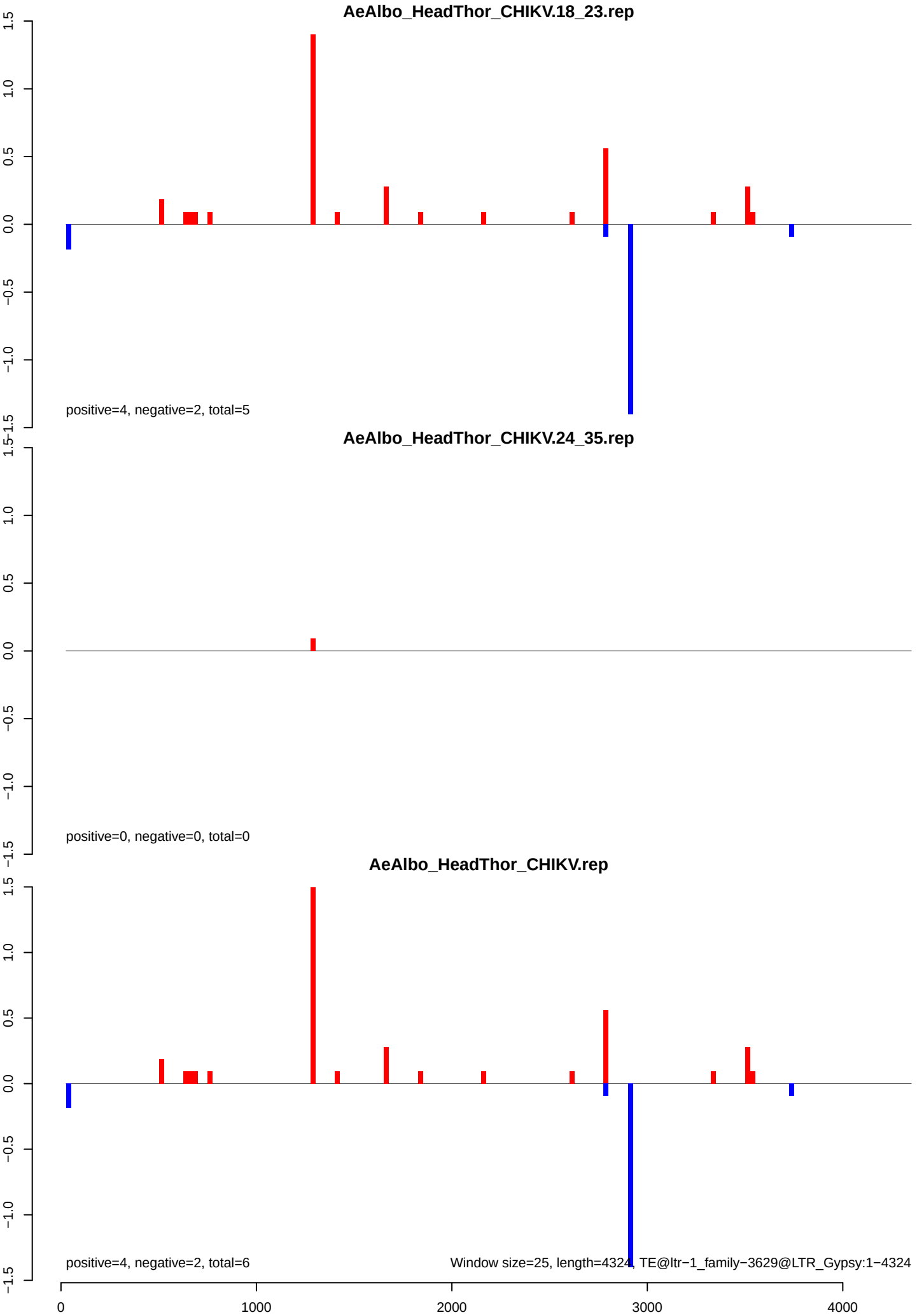
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

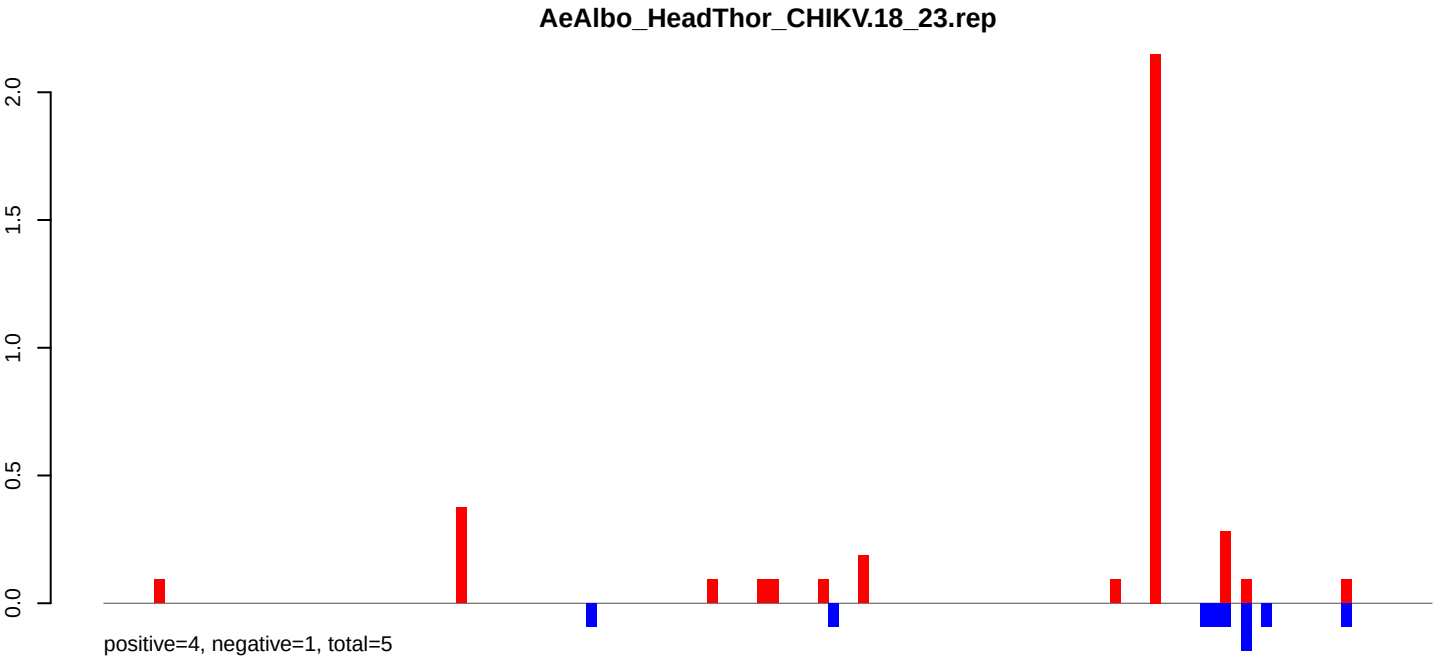

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=5
Window size=25, length=4099, TE@ltr−1_family−4566@DNA_CMC−Transib:1−4099
0
1000
2000
3000
4000

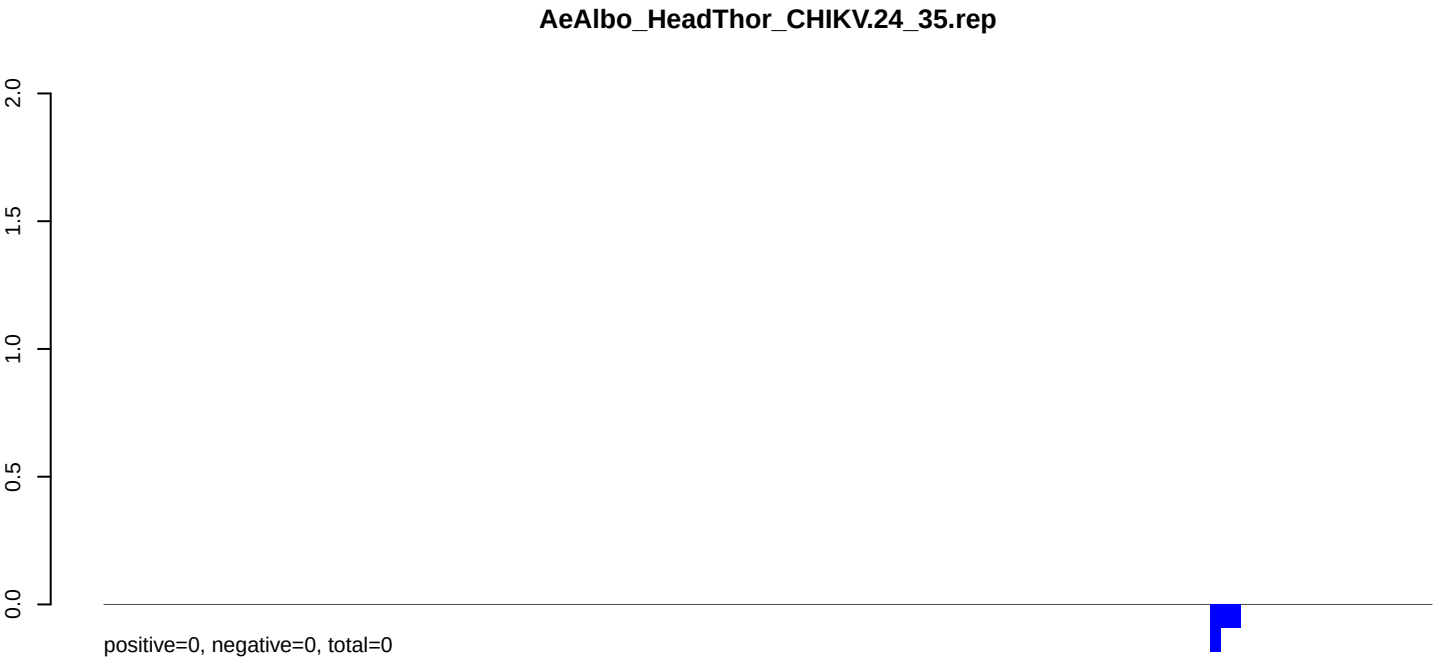

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=3, total=7
Window size=25, length=1751, TE@ltr−1_family−4371@Unknown:1−1751
1.0
0.5
0.0
−0.5
−1.0
0
500
1000
1500

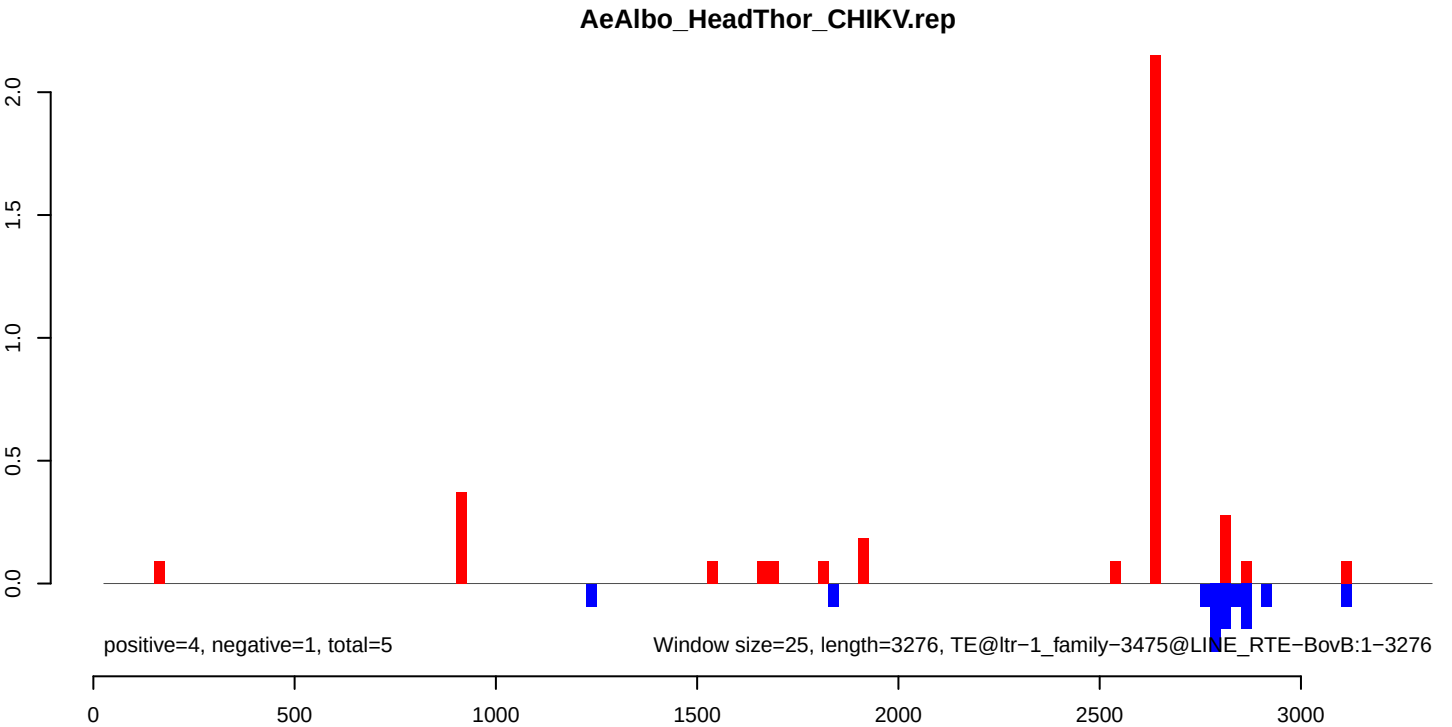

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=5
Window size=25, length=5059, TE@ltr−1_family−4295@LTR_Gypsy:1−5059
0
1000
2000
3000
4000
5000

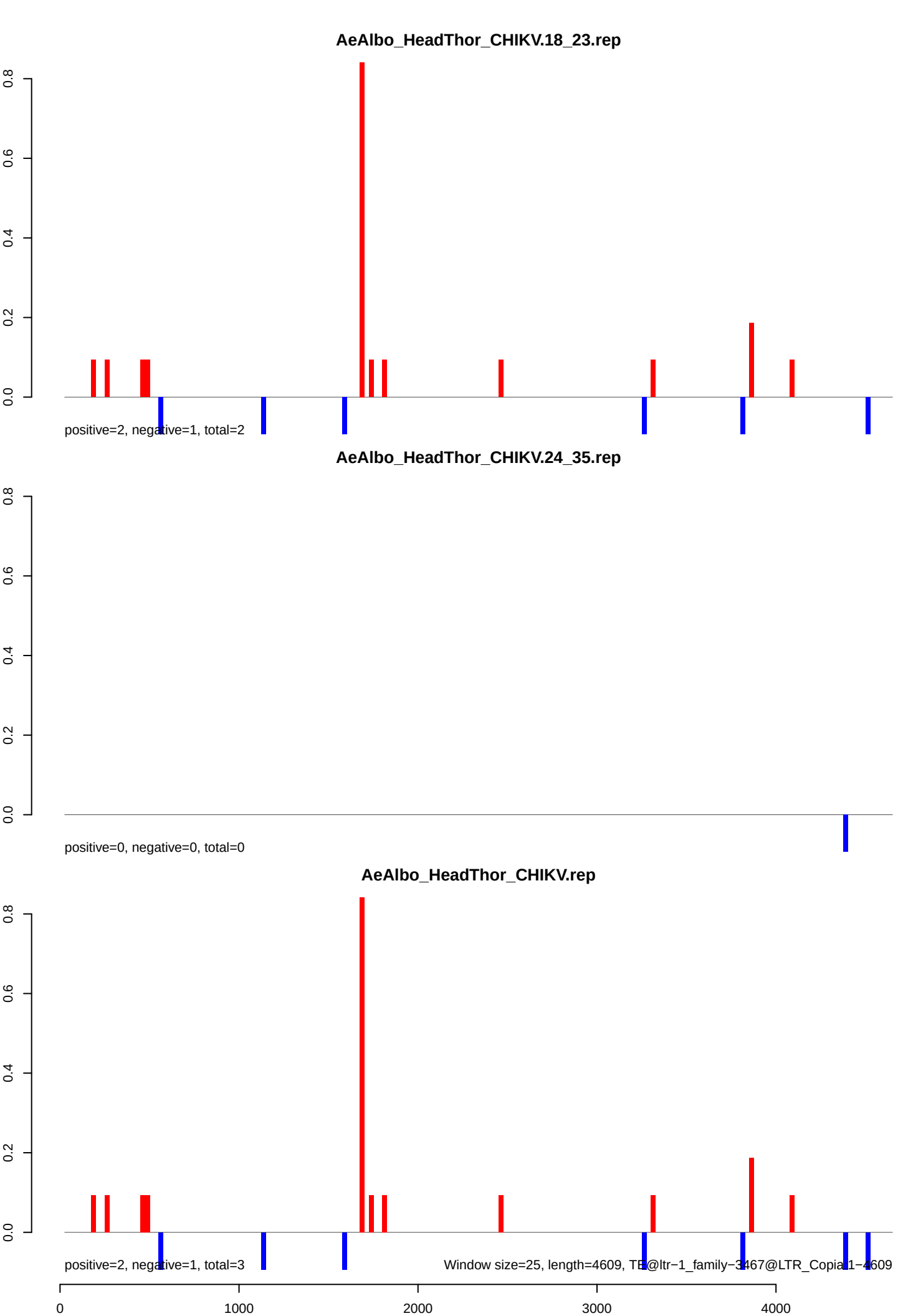

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=4310, TE@ltr−1_family−4277@LTR_Pao:1−4310
0
1000
2000
3000
4000

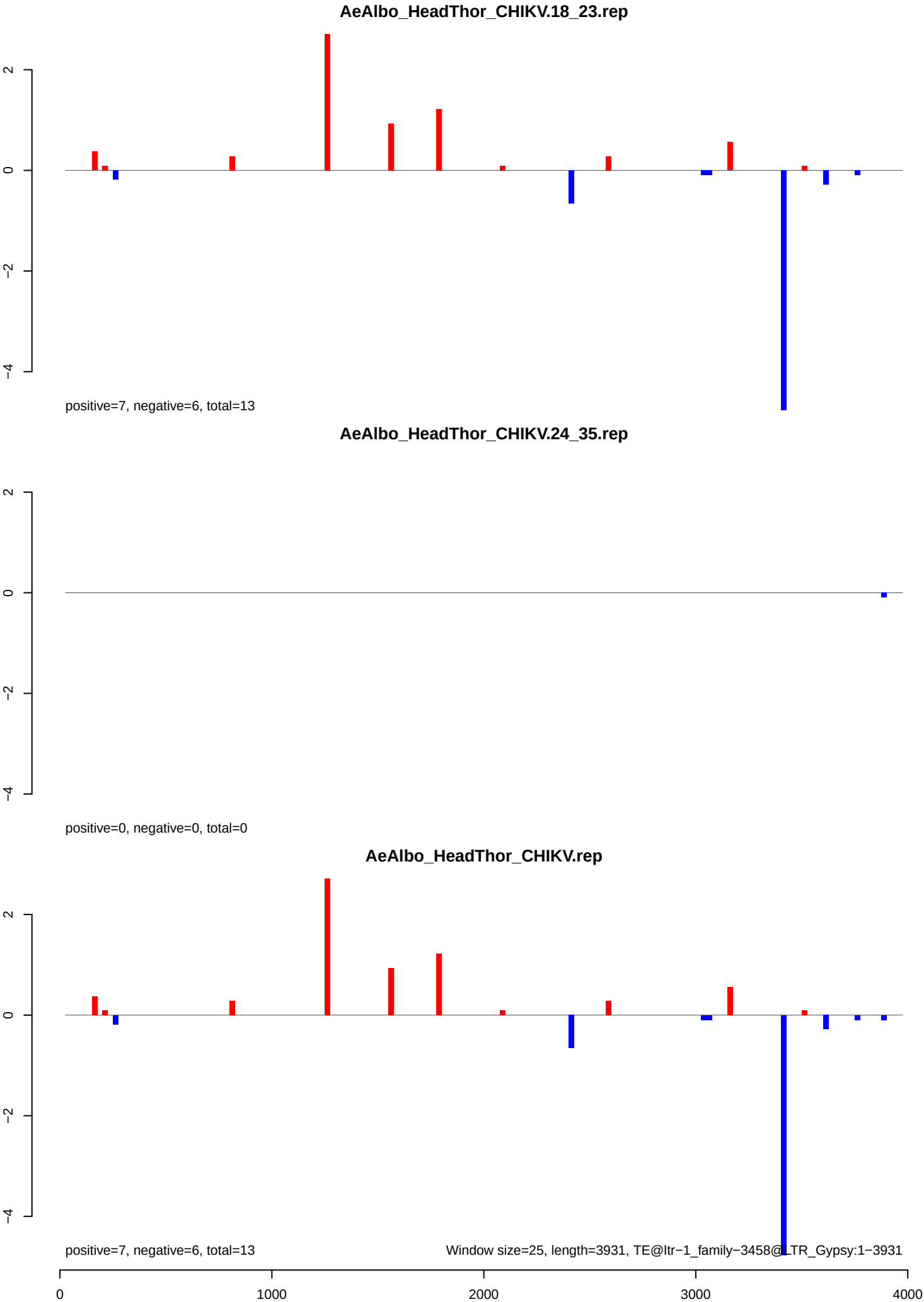

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=2, total=6
Window size=25, length=4324, TE@ltr−1_family−3629@LTR_Gypsy:1−4324
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
0
1000
2000
3000
4000

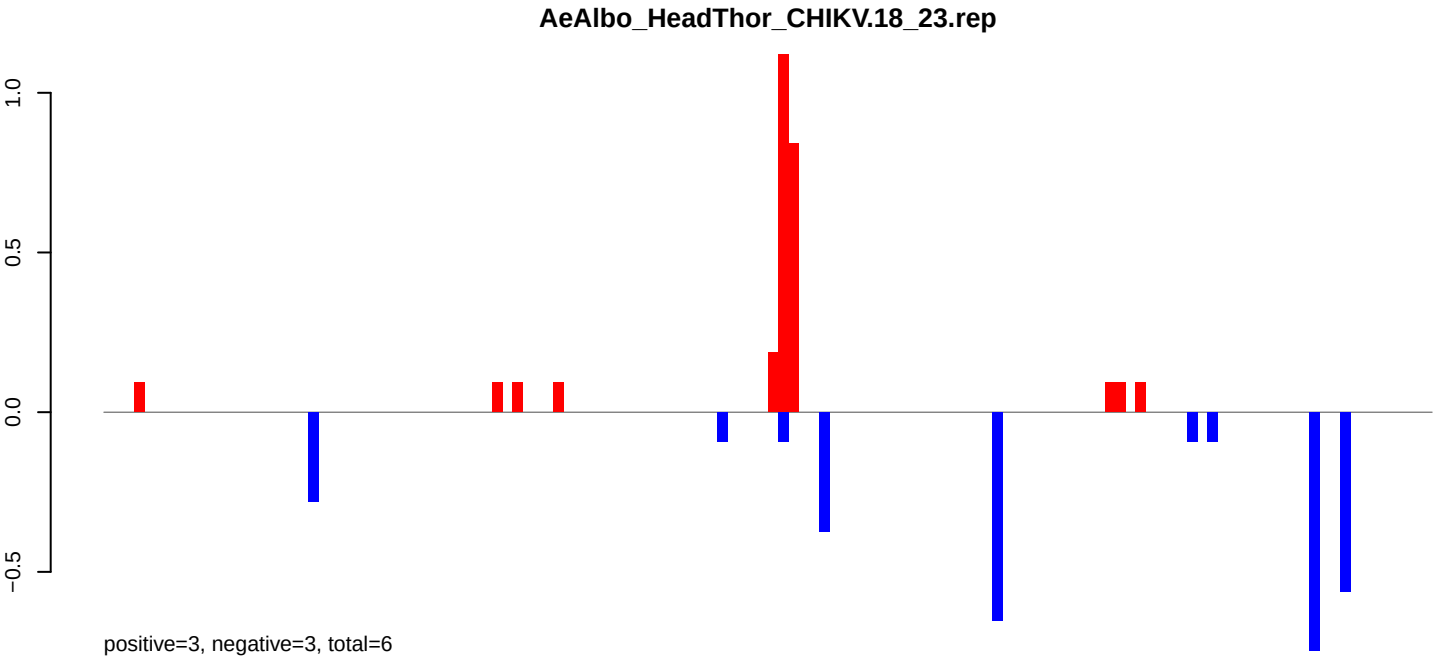

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=4, negative=1, total=5


AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

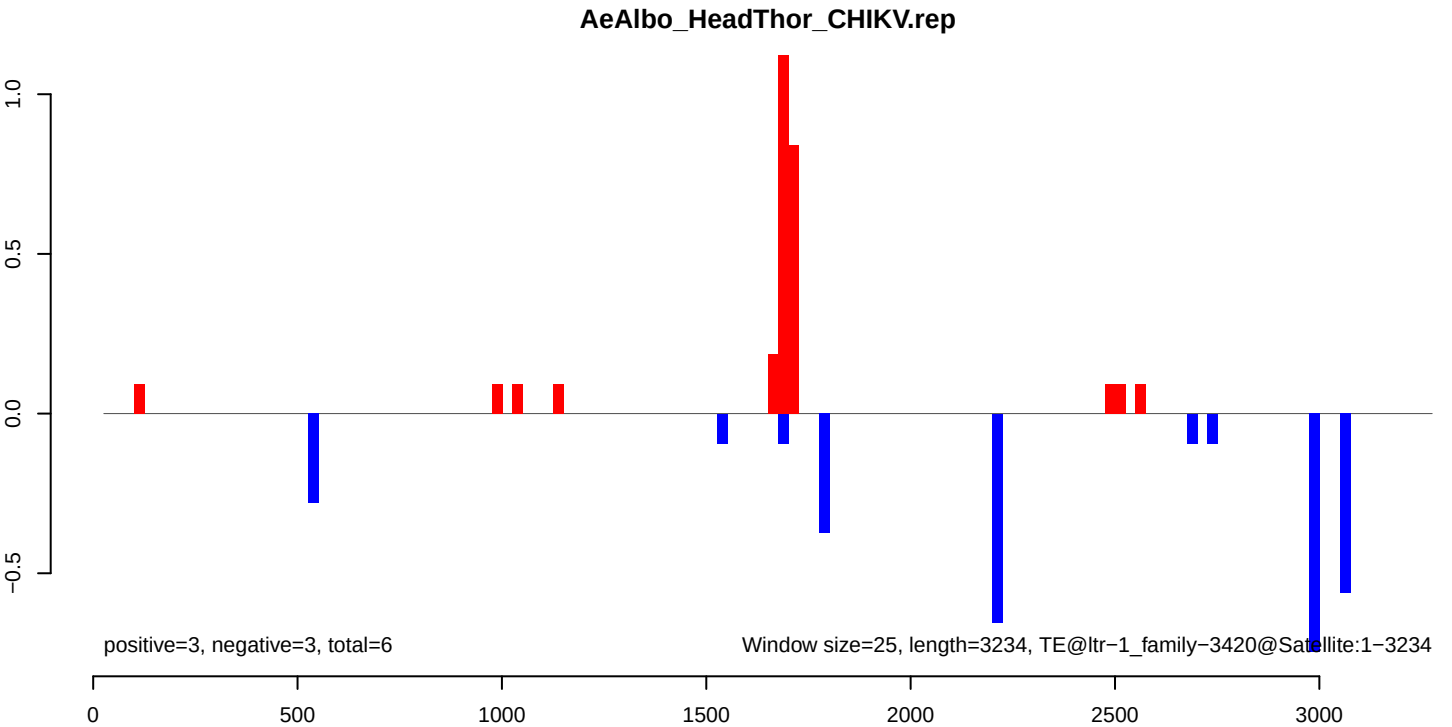

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=4, negative=1, total=5
Window size=25, length=3276, TE@ltr−1_family−3475@LINE_RTE−BovB:1−3276
0
500
1000
1500
2000
2500
3000

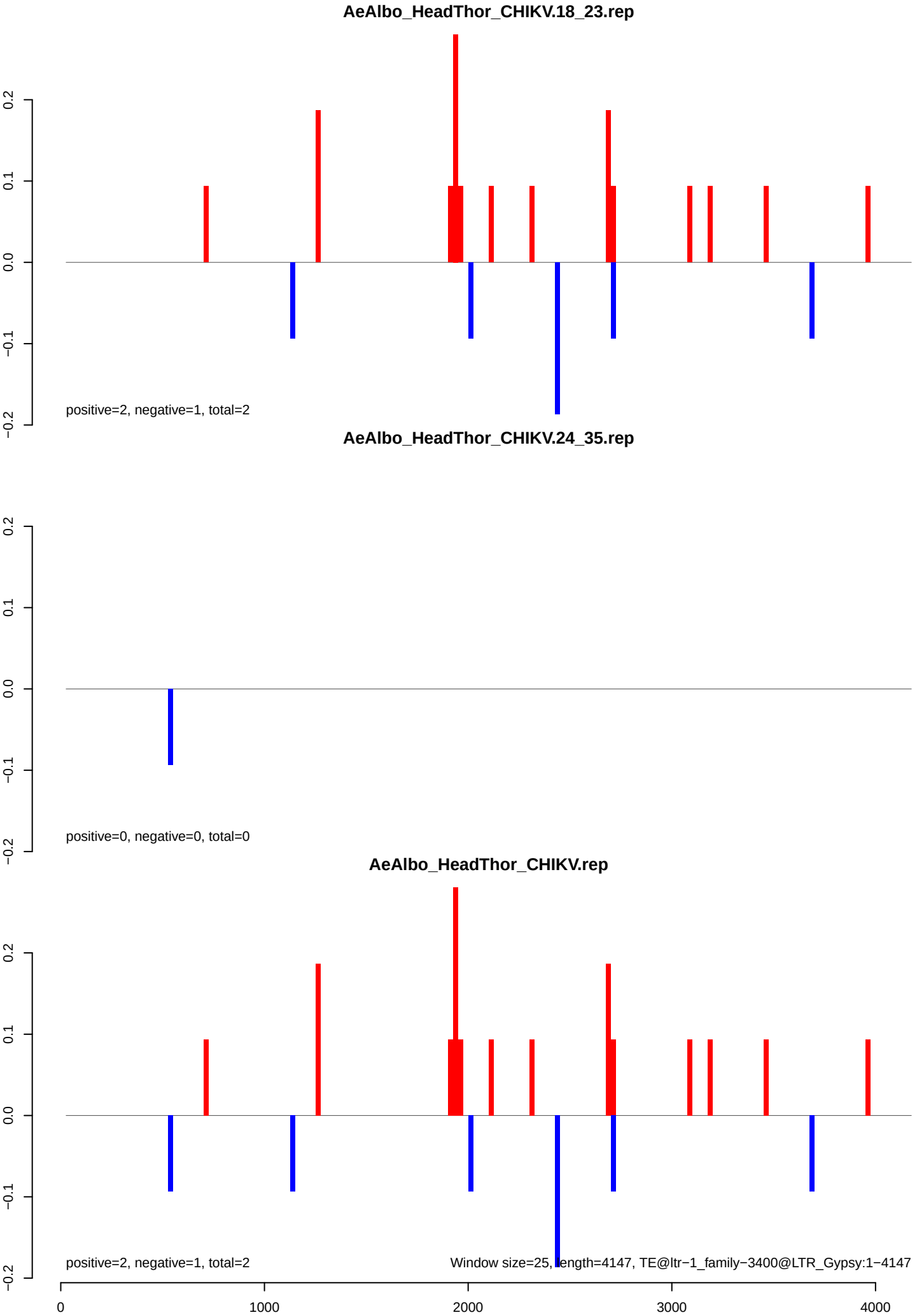

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=1, total=3
Window size=25, length=4609, TE@ltr−1_family−3467@LTR_Copia1−4609
0
1000
2000
3000
4000

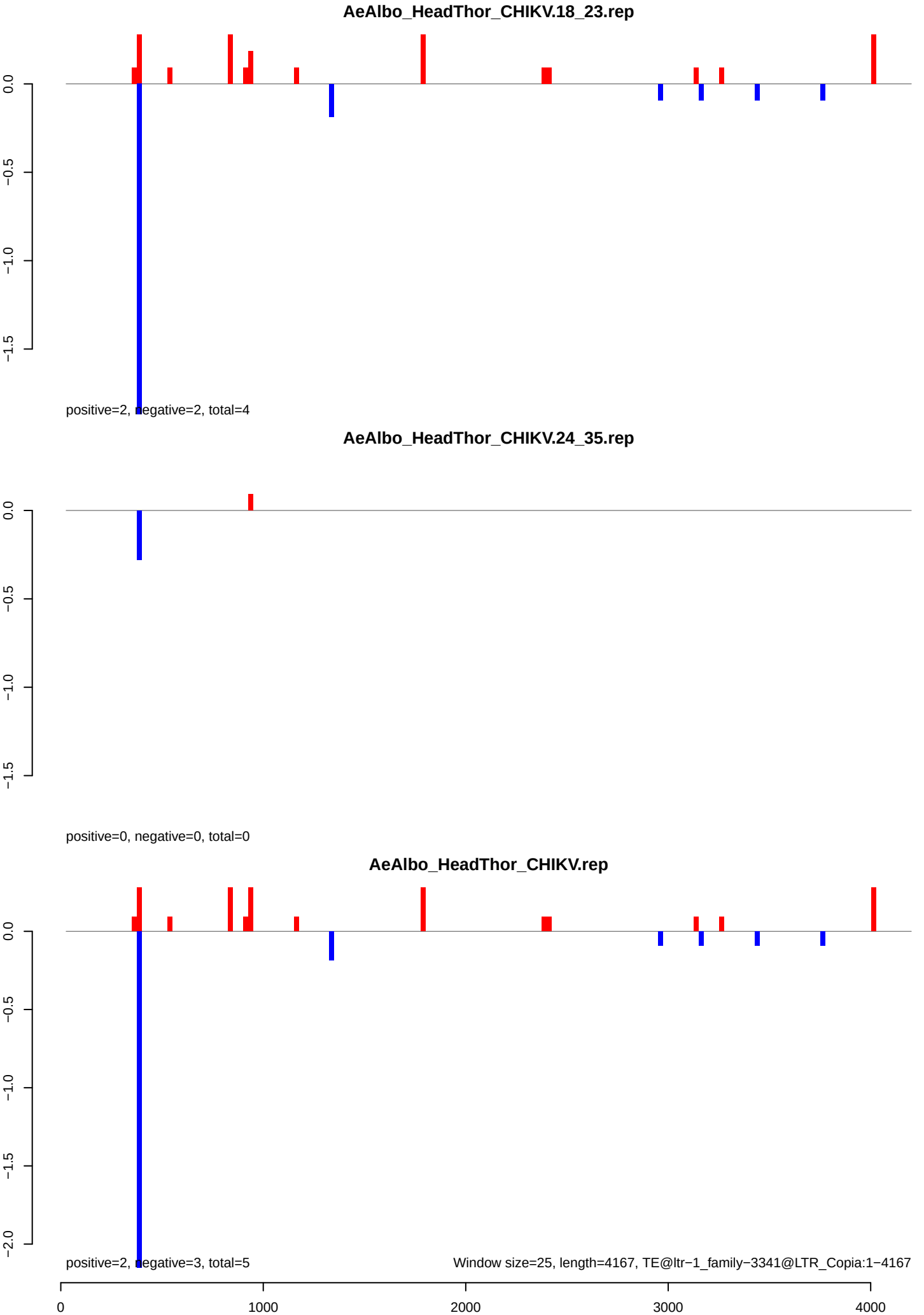

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
positive=7, negative=6, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
positive=7, negative=6, total=13
Window size=25, length=3931, TE@ltr−1_family−3458@LTR_Gypsy:1−3931
0
1000
2000
3000
4000

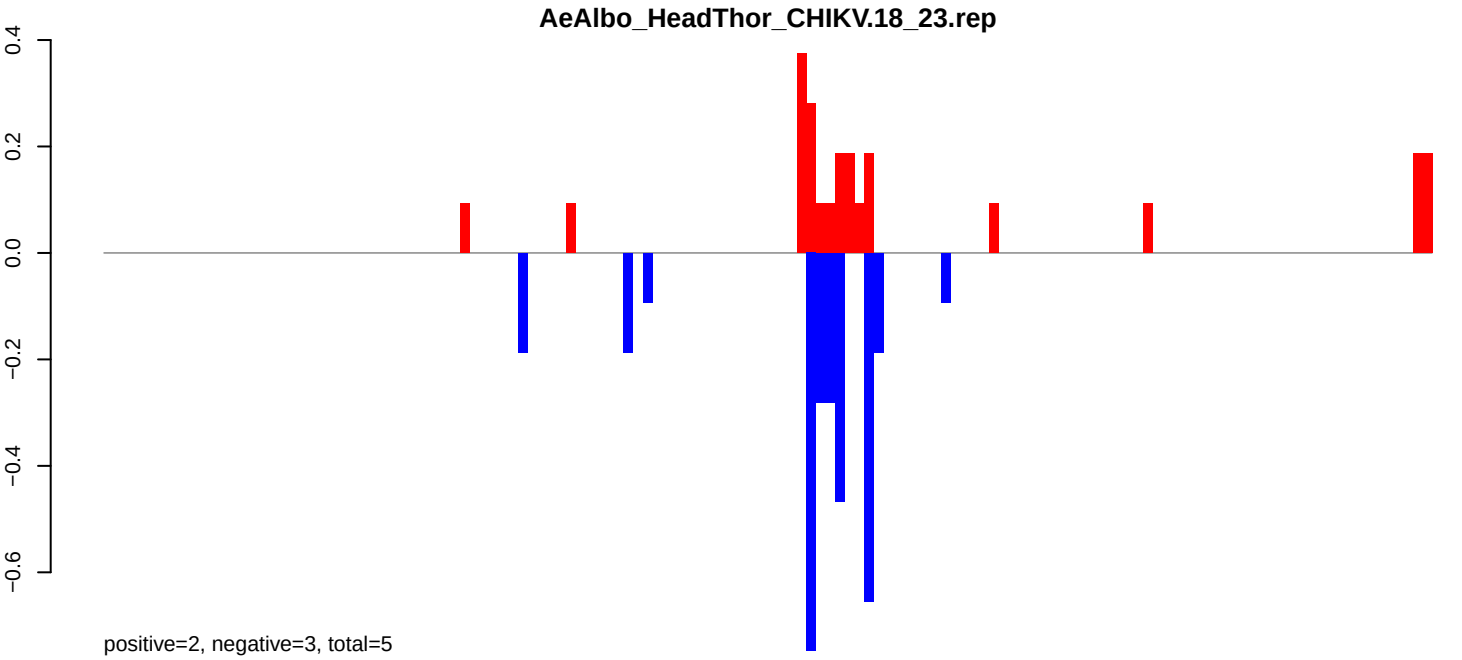

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=3, negative=3, total=6

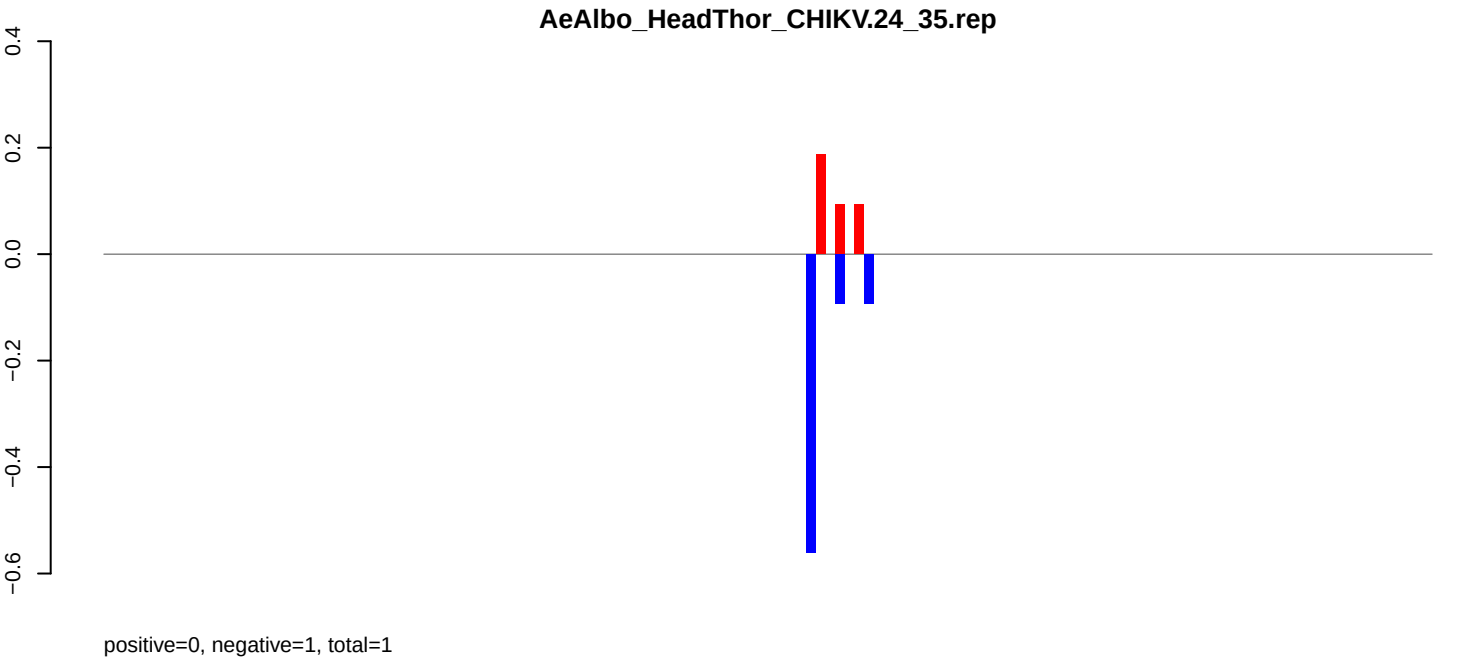
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

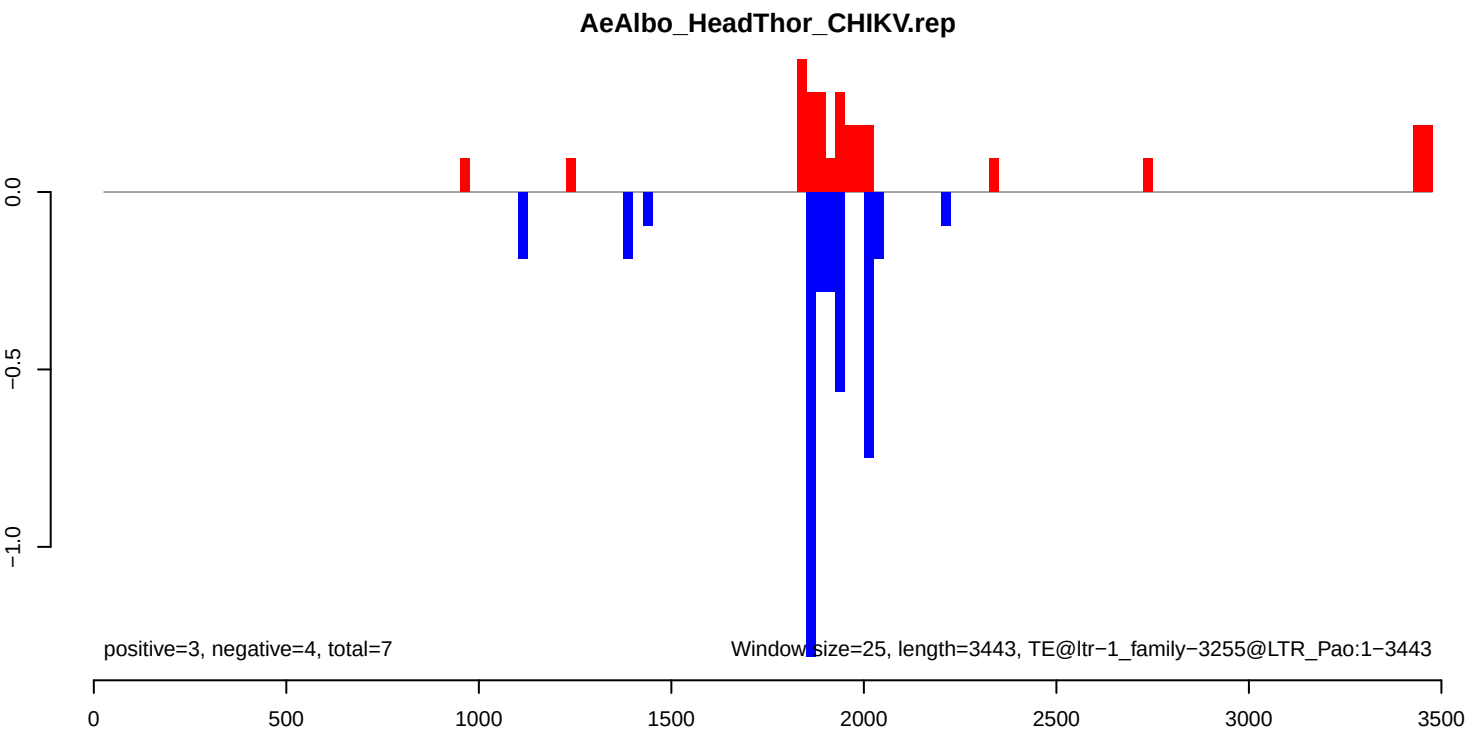

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=3, total=6
Window size=25, length=3234, TE@ltr−1_family−3420@Satellite:1−3234
0
500
1000
1500
2000
2500
3000

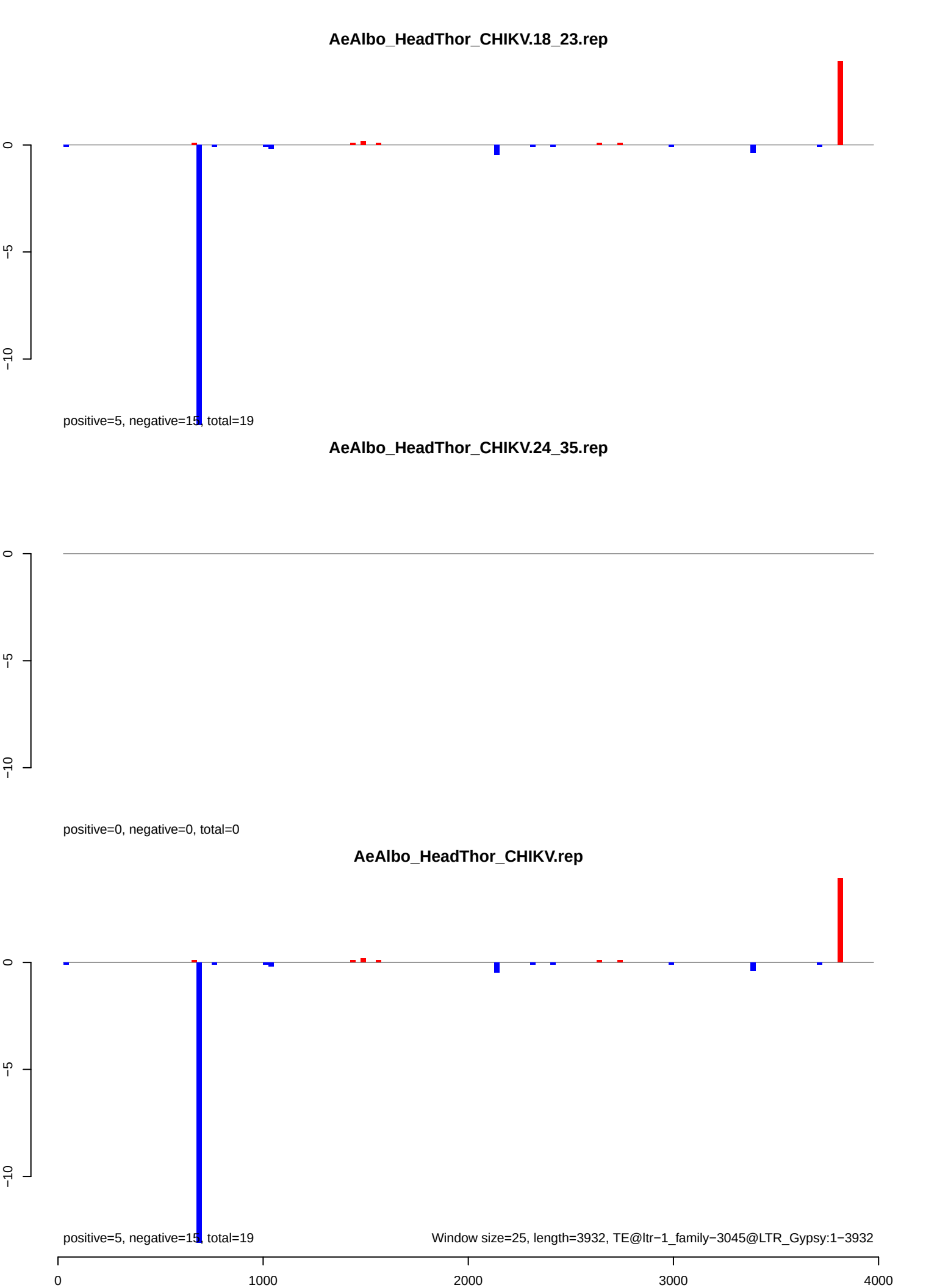

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=2
Window size=25, length=4147, TE@ltr−1_family−3400@LTR_Gypsy:1−4147
0
1000
2000
3000
4000

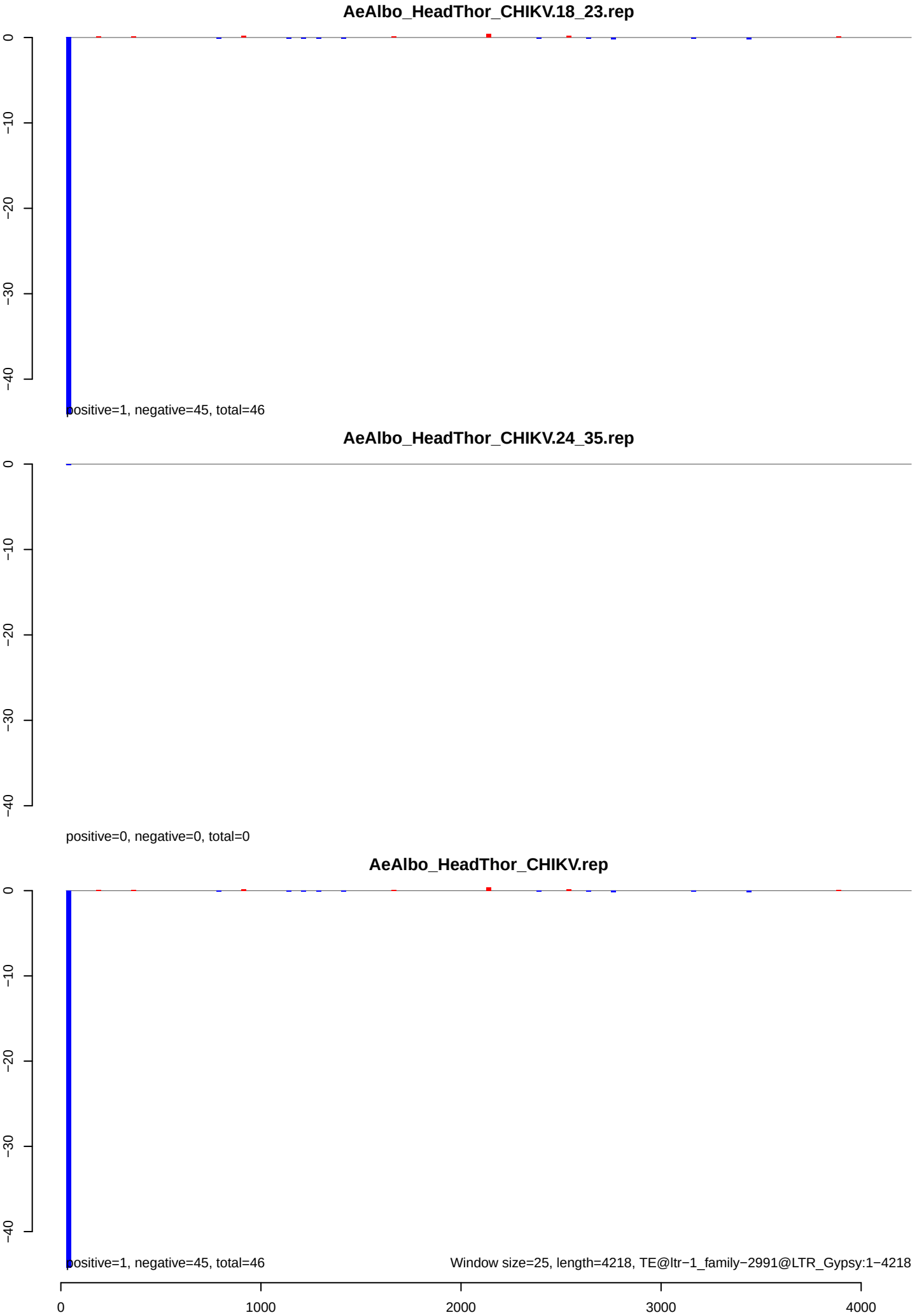

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=2, negative=3, total=5
Window size=25, length=4167, TE@ltr−1_family−3341@LTR_Copia:1−4167
0
1000
2000
3000
4000

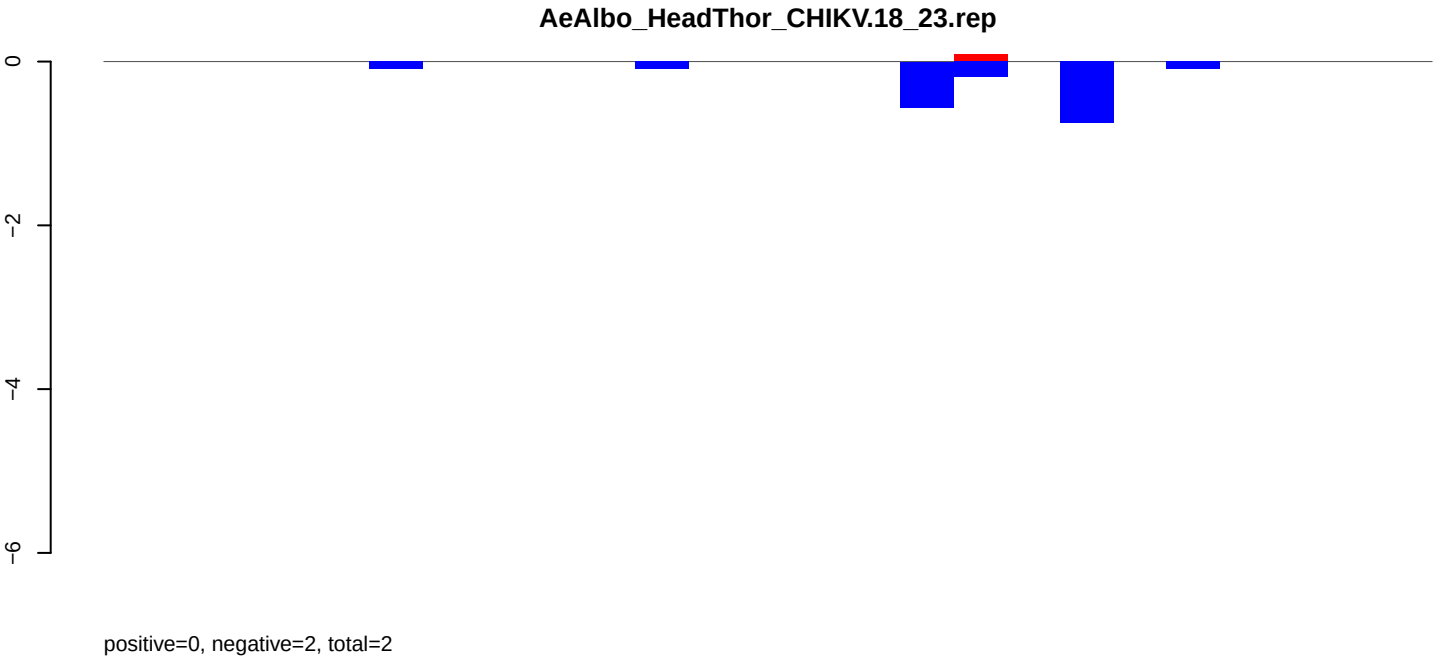

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=3, total=5

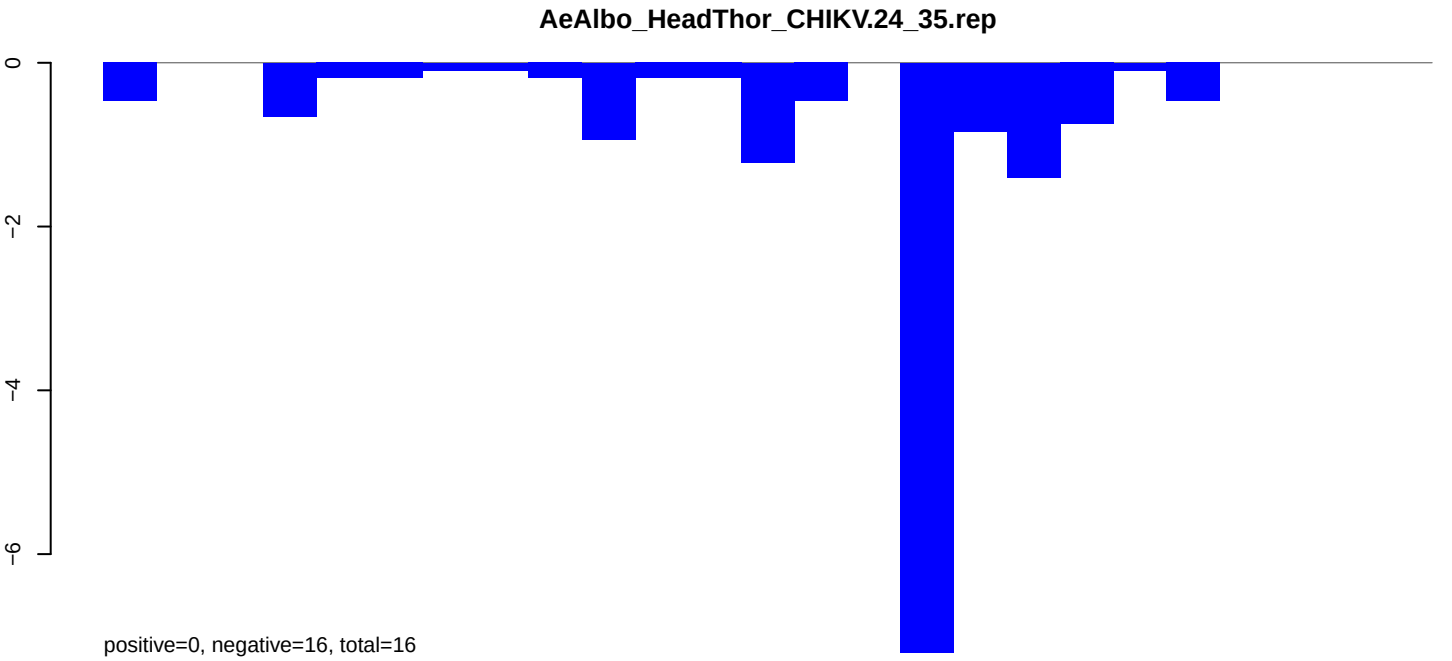

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1

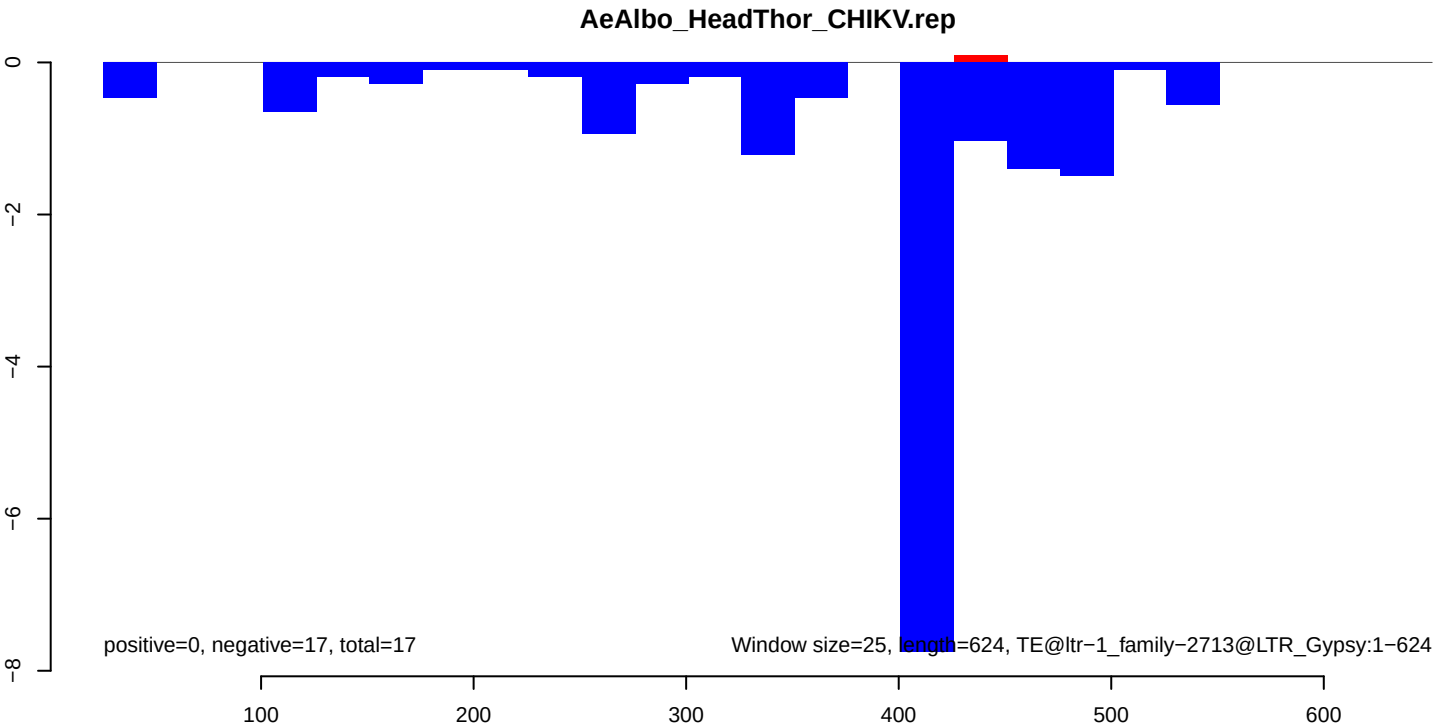

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=3, negative=4, total=7
Window size=25, length=3443, TE@ltr−1_family−3255@LTR_Pao:1−3443
0
500
1000
1500
2000
2500
3000
3500

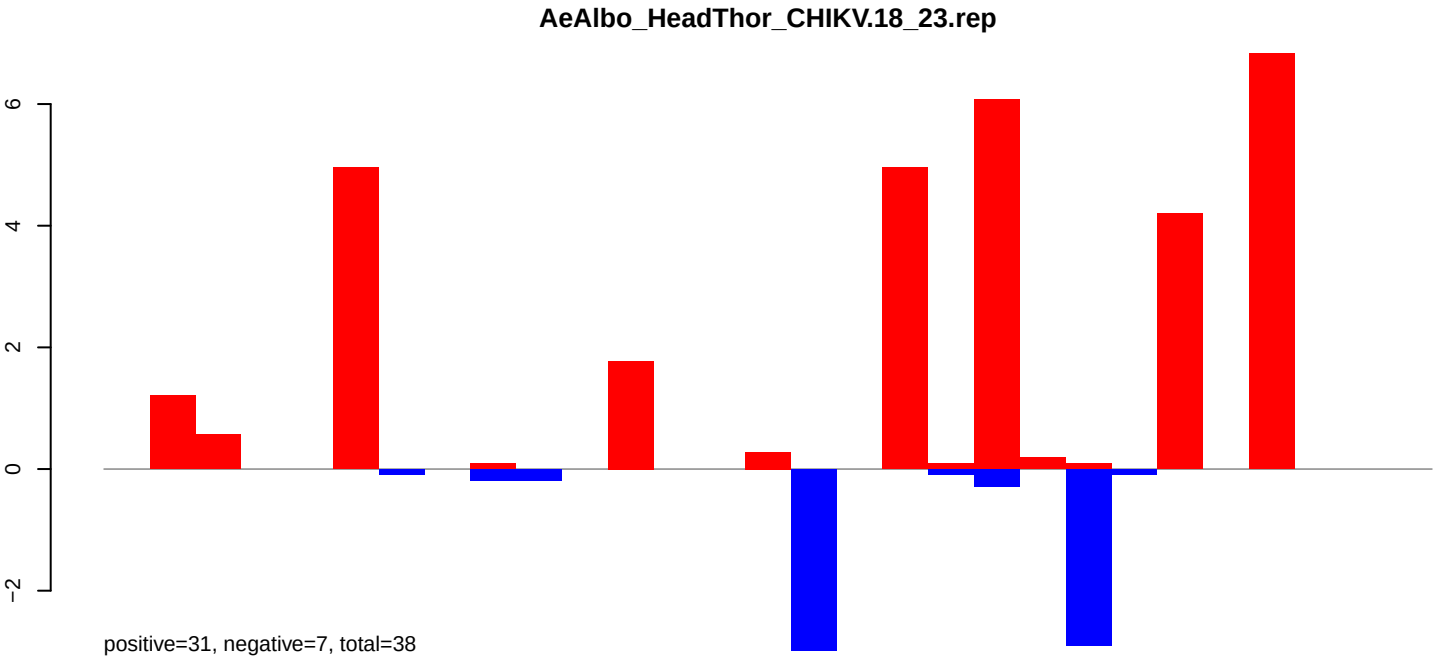

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
positive=5, negative=15, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
positive=5, negative=15, total=19
Window size=25, length=3932, TE@ltr−1_family−3045@LTR_Gypsy:1−3932
0
1000
2000
3000
4000

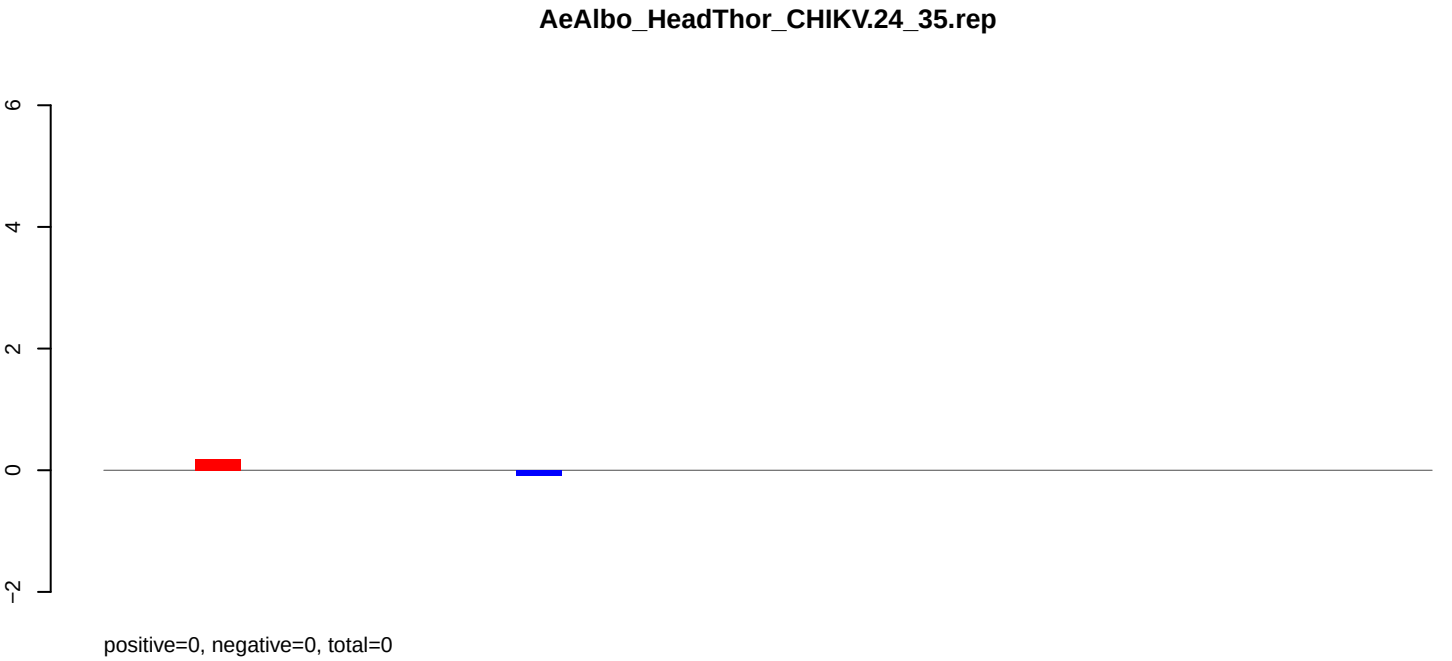

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=1, negative=45, total=46
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=1, negative=45, total=46
Window size=25, length=4218, TE@ltr−1_family−2991@LTR_Gypsy:1−4218
0
1000
2000
3000
4000

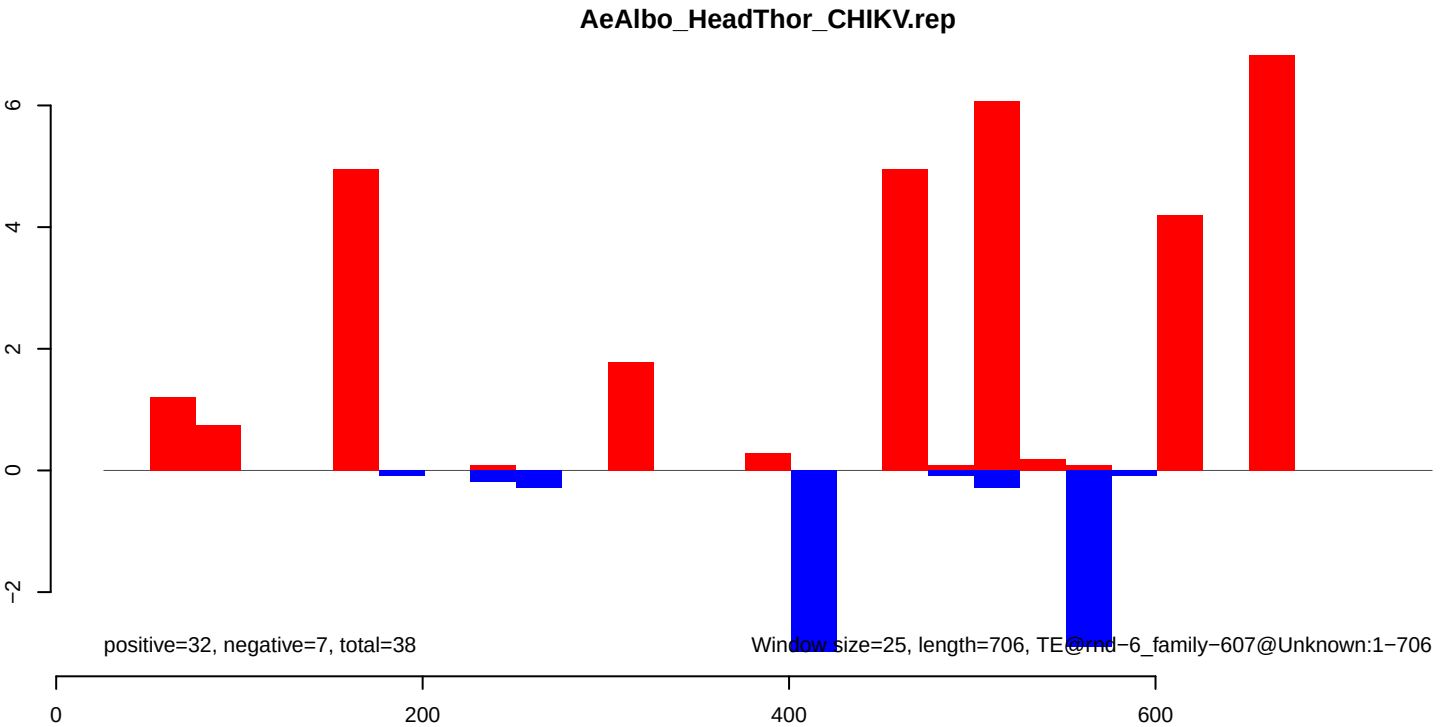

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
positive=0, negative=2, total=2

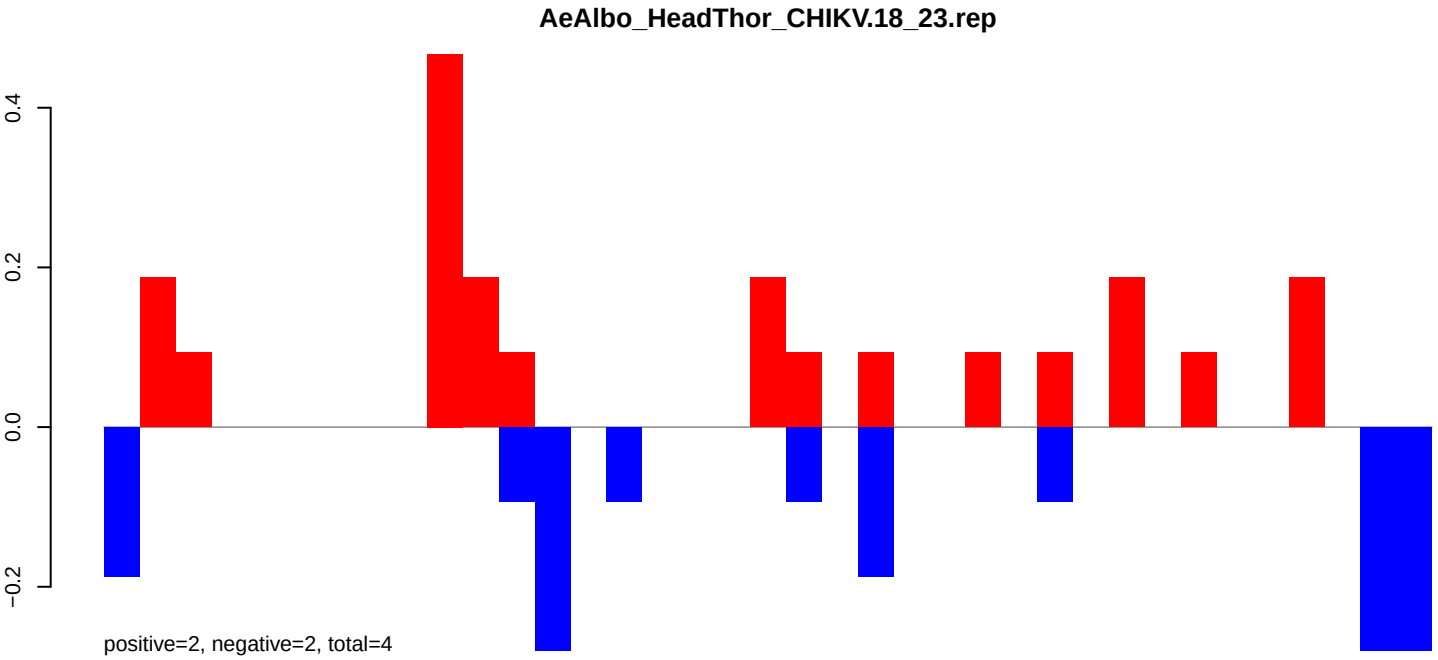

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
positive=0, negative=16, total=16

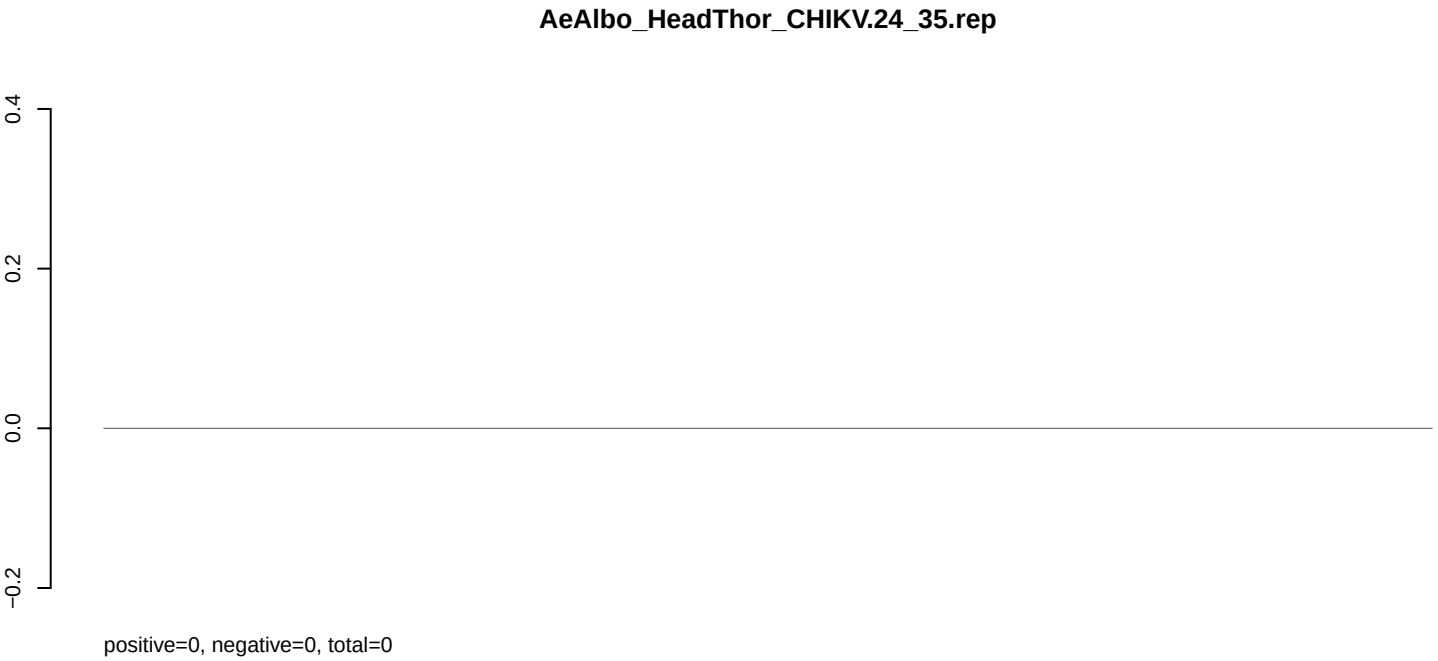

AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=0, negative=17, total=17
Window size=25, length=624, TE@ltr−1_family−2713@LTR_Gypsy:1−624
100
200
300
400
500
600

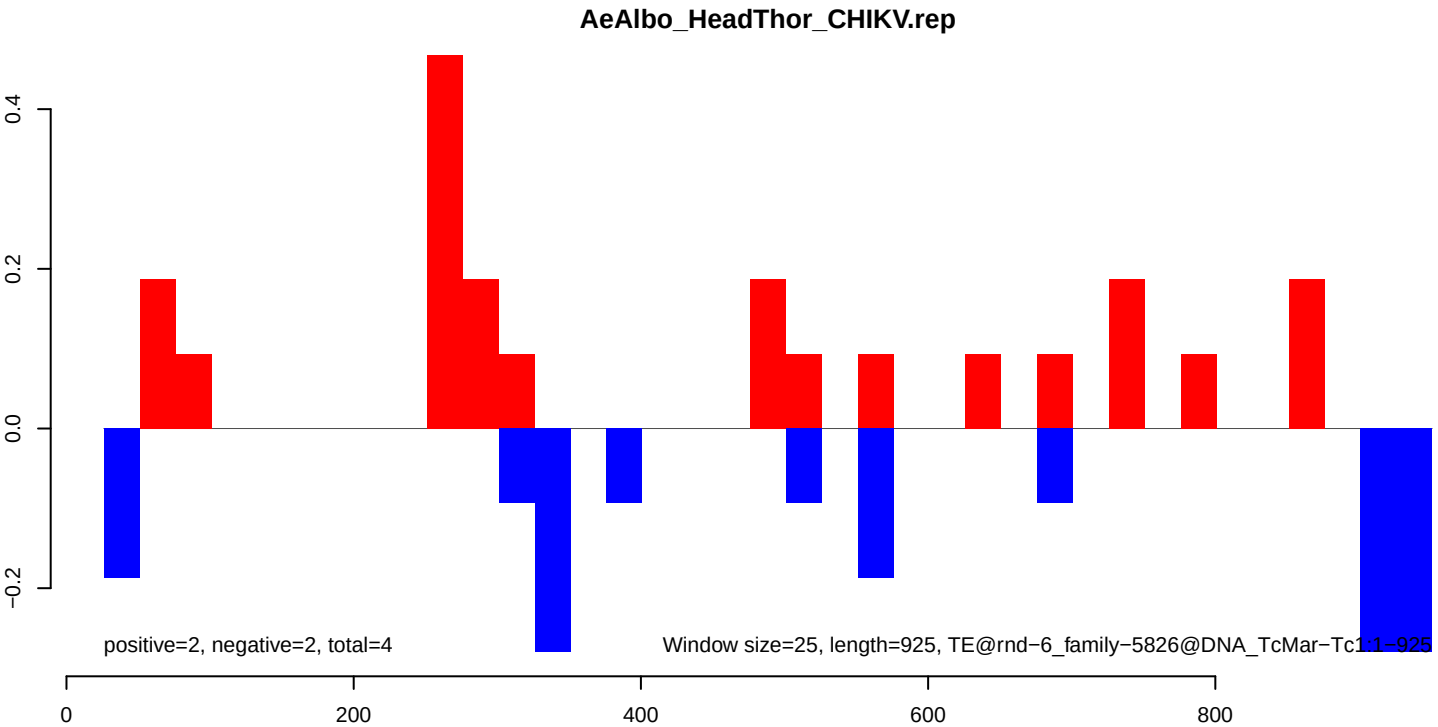

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
positive=31, negative=7, total=38

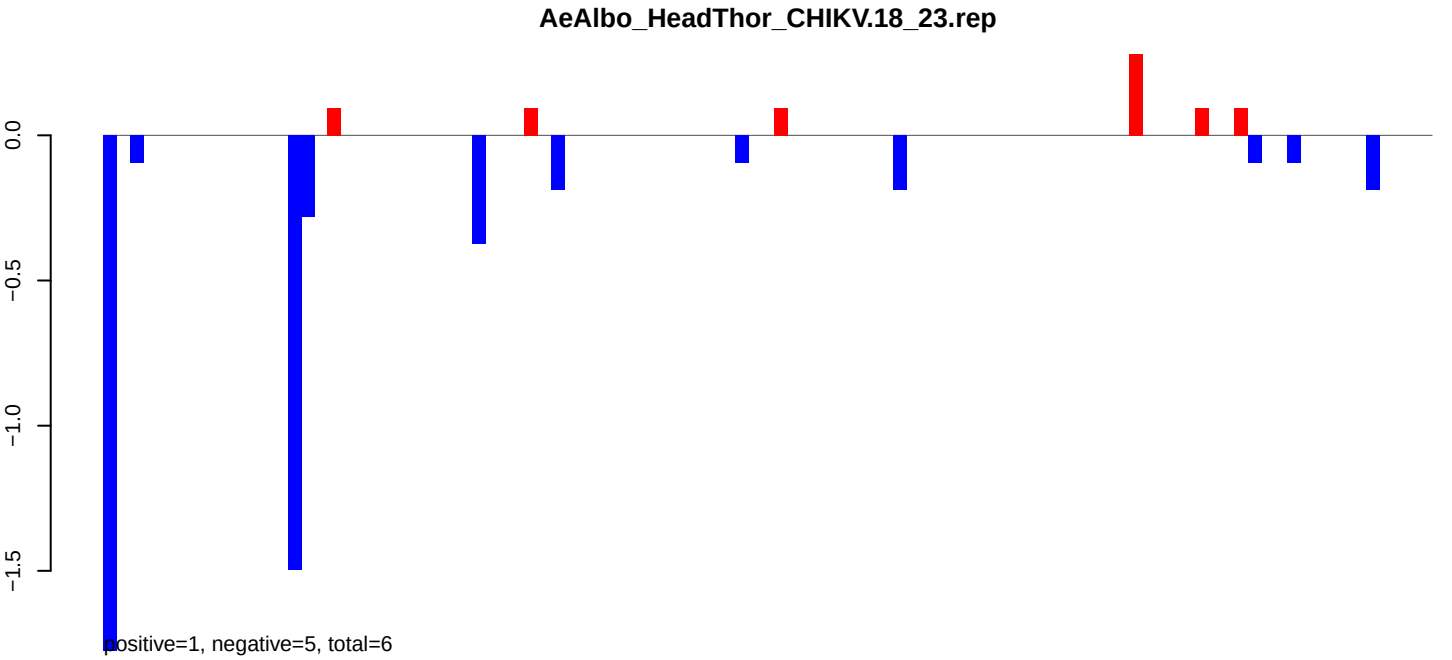

AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=32, negative=7, total=38
Window size=25, length=706, TE@rnd−6_family−607@Unknown:1−706
0
200
400
600

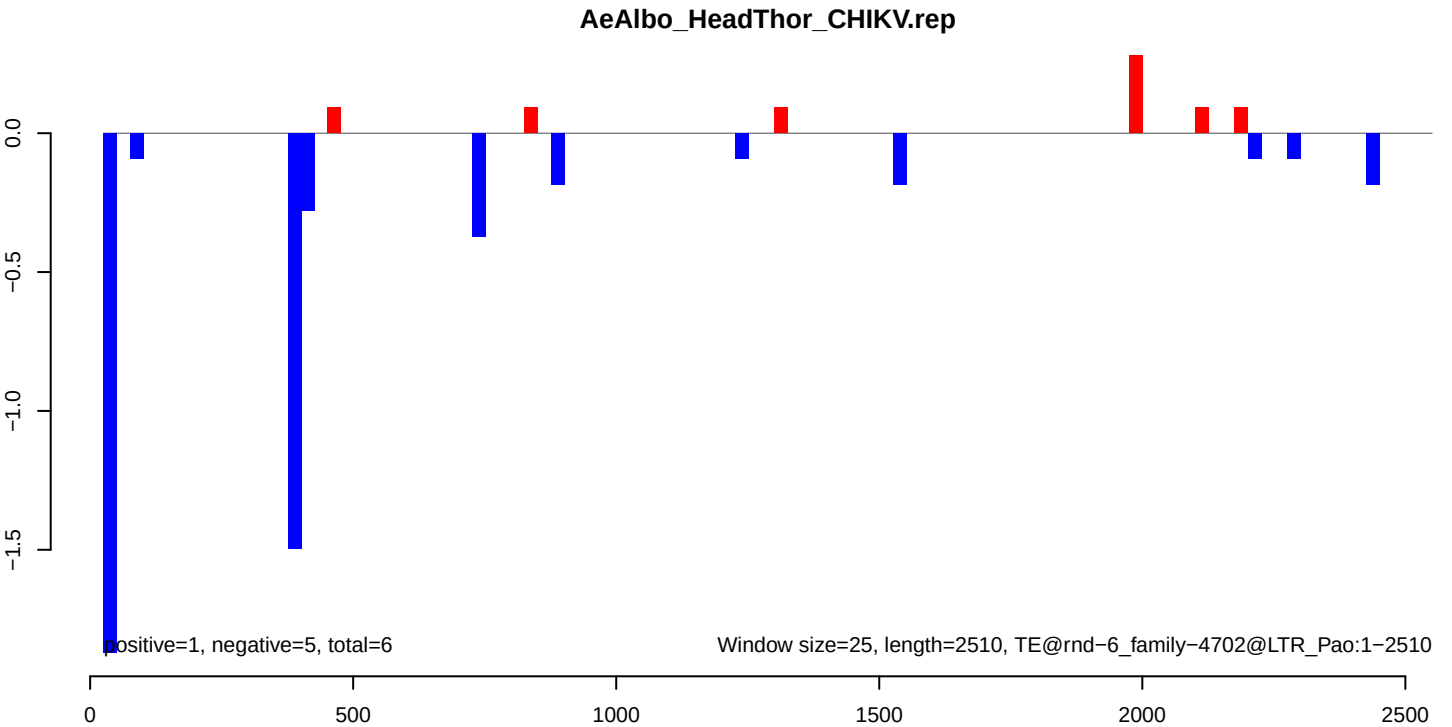

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=2, negative=2, total=4

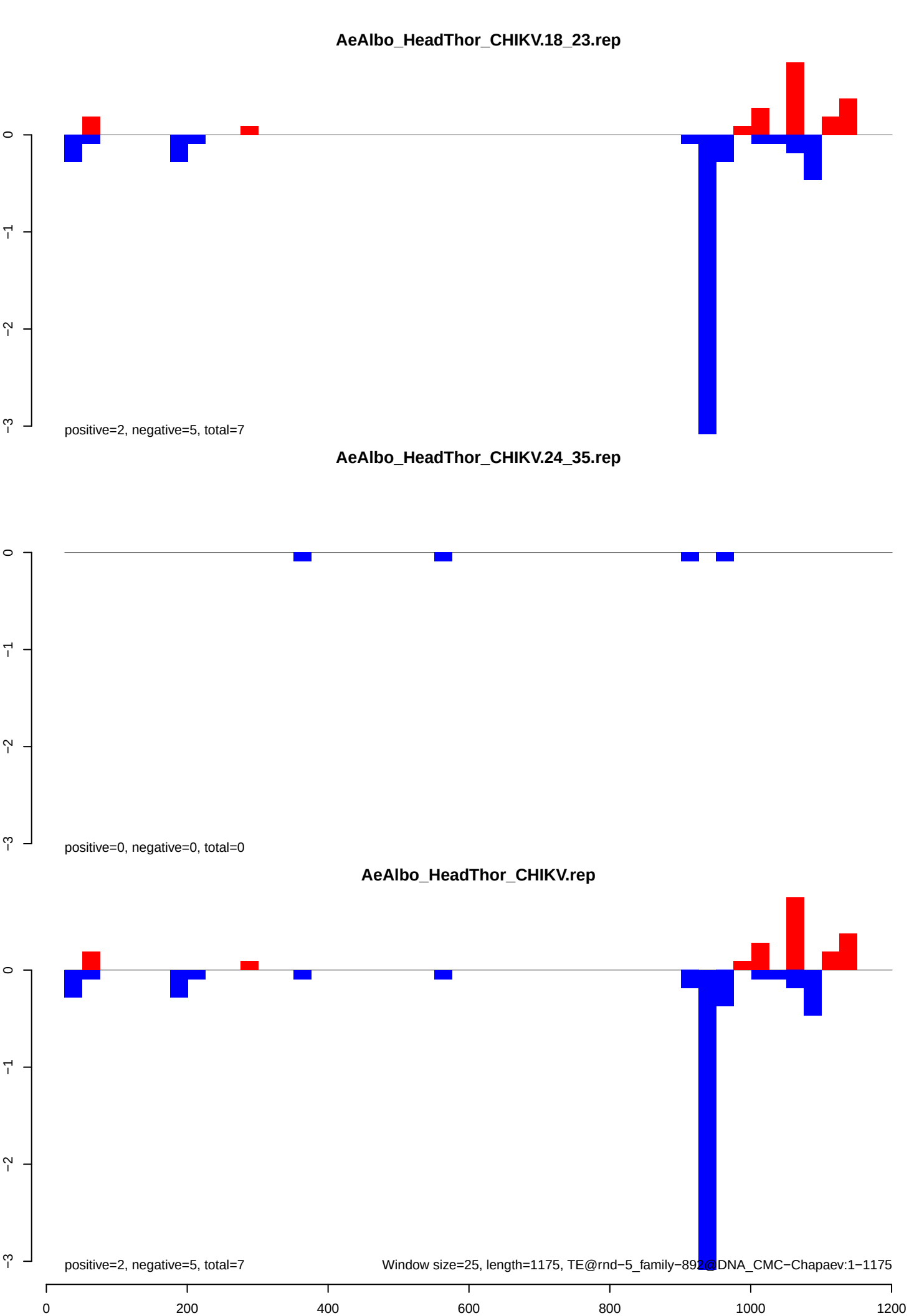

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

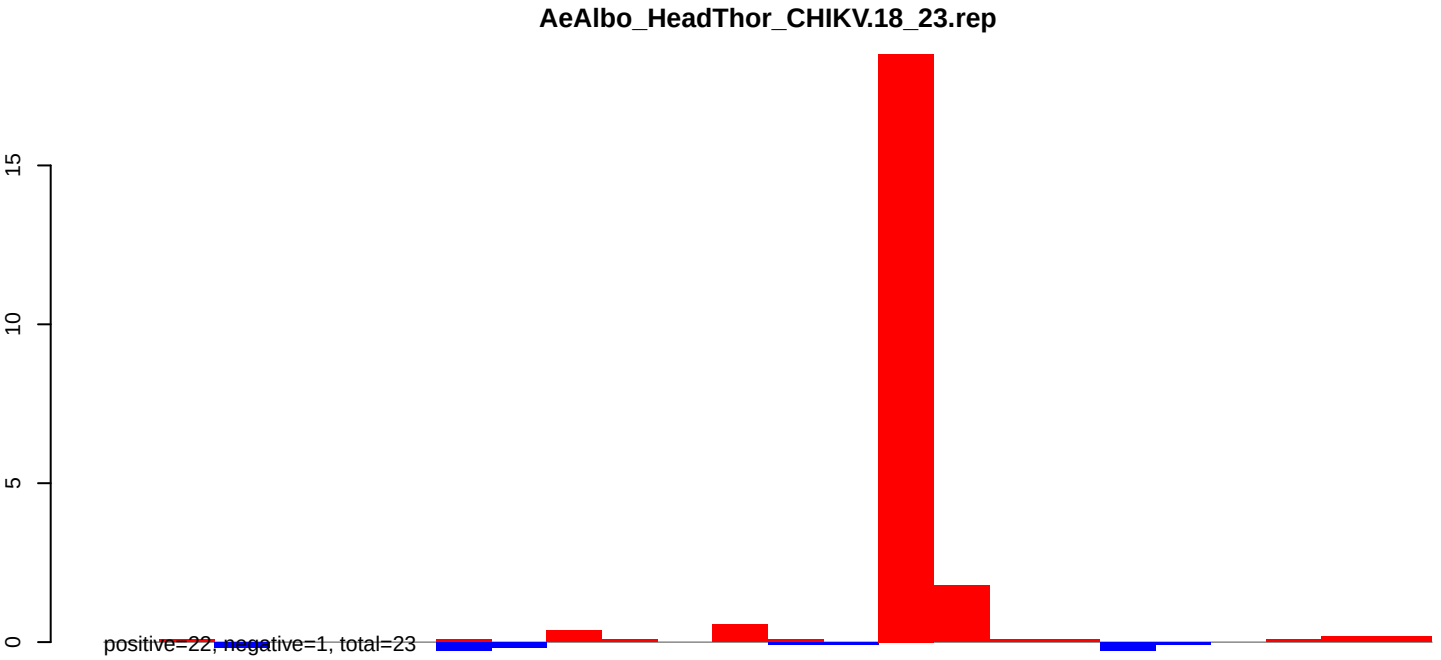

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=2, negative=2, total=4
Window size=25, length=925, TE@rnd−6_family−5826@DNA_TcMar−Tc1−925
0
200
400
600
800

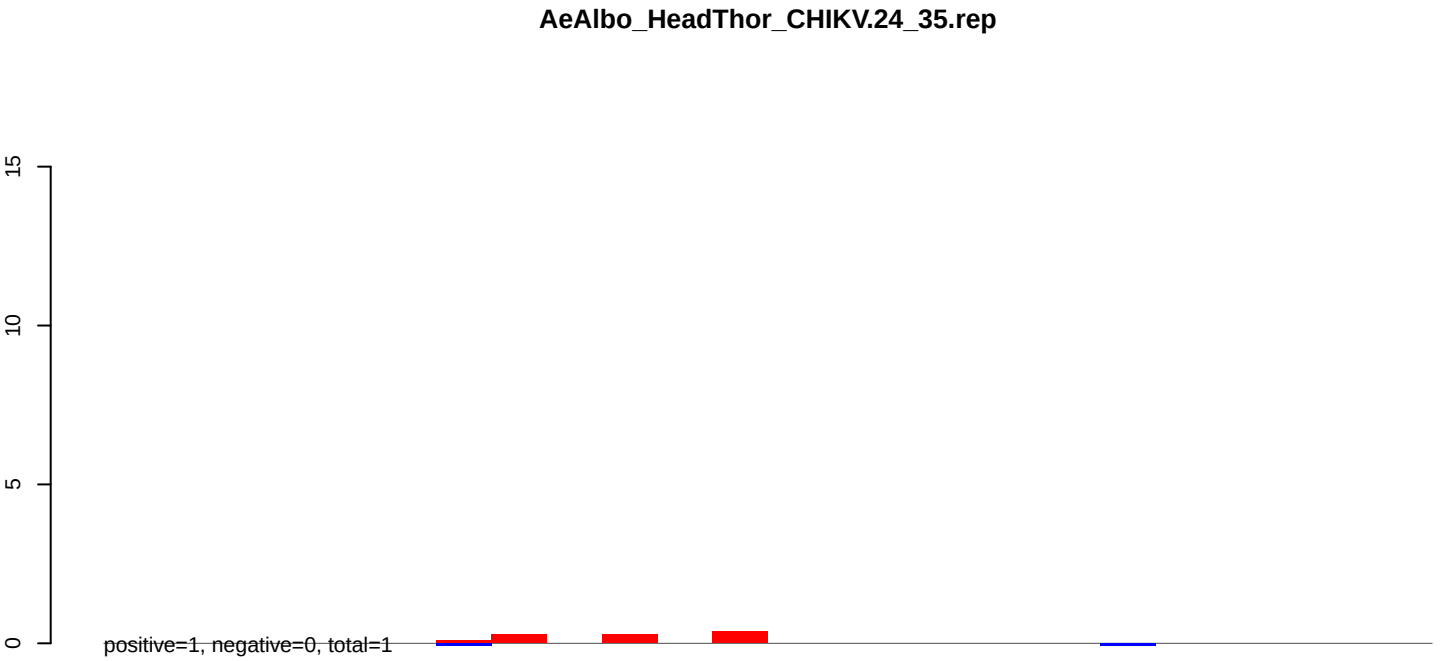

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=5, total=6

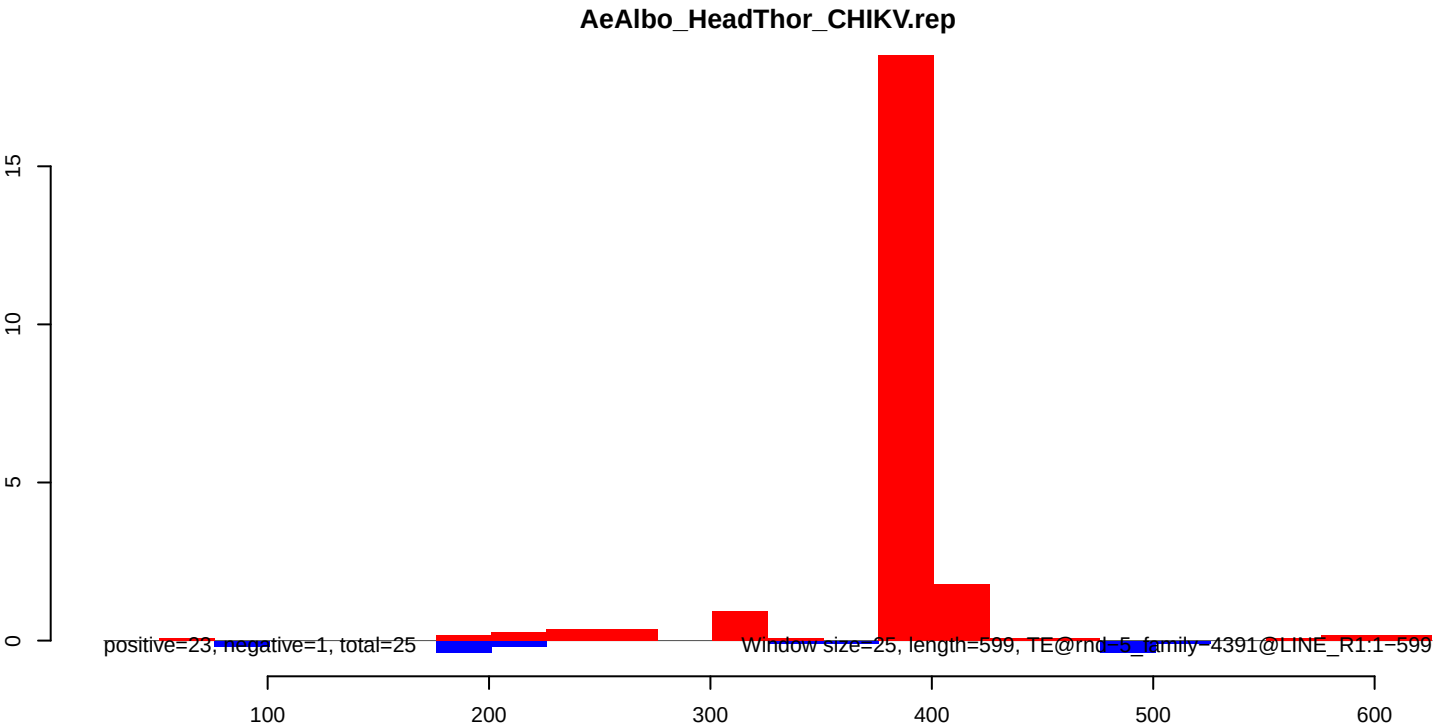
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

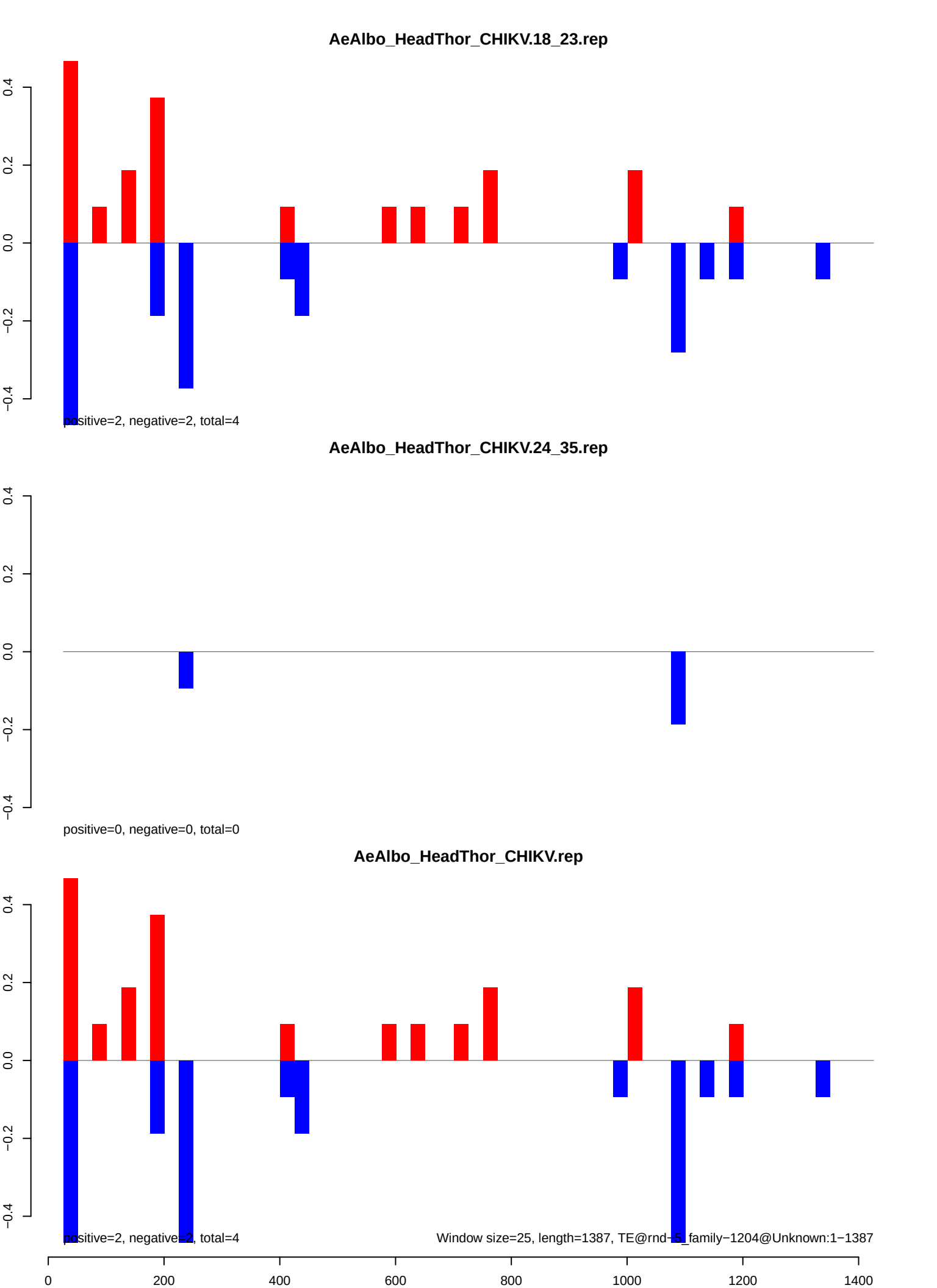

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=5, total=6
Window size=25, length=2510, TE@rnd−6_family−4702@LTR_Pao:1−2510
0
500
1000
1500
2000
2500

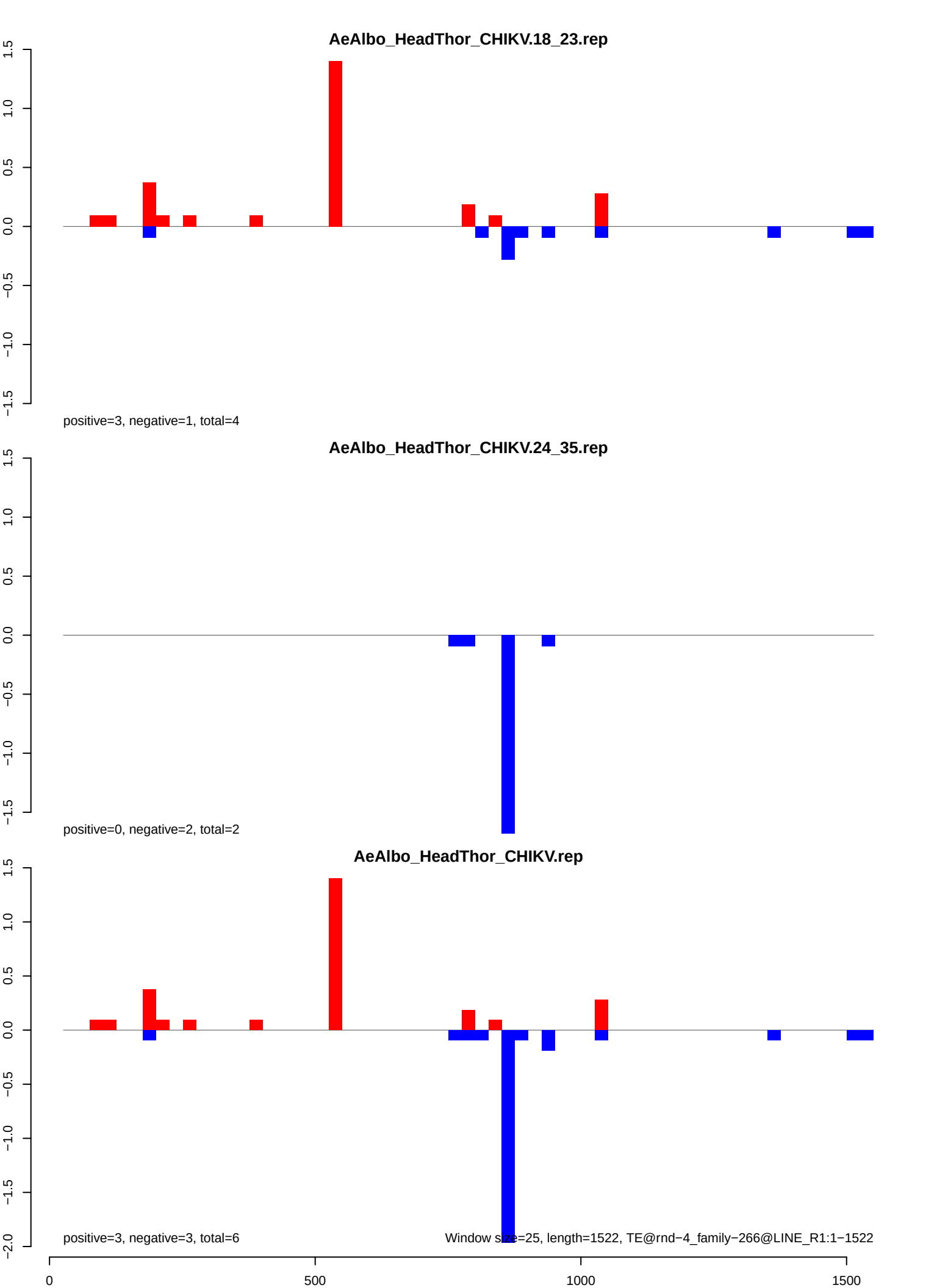

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=2, negative=5, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=2, negative=5, total=7
Window size=25, length=1175, TE@rnd−5_family−892@DNA_CMC−Chapaev:1−1175
0
200
400
600
800
1000
1200

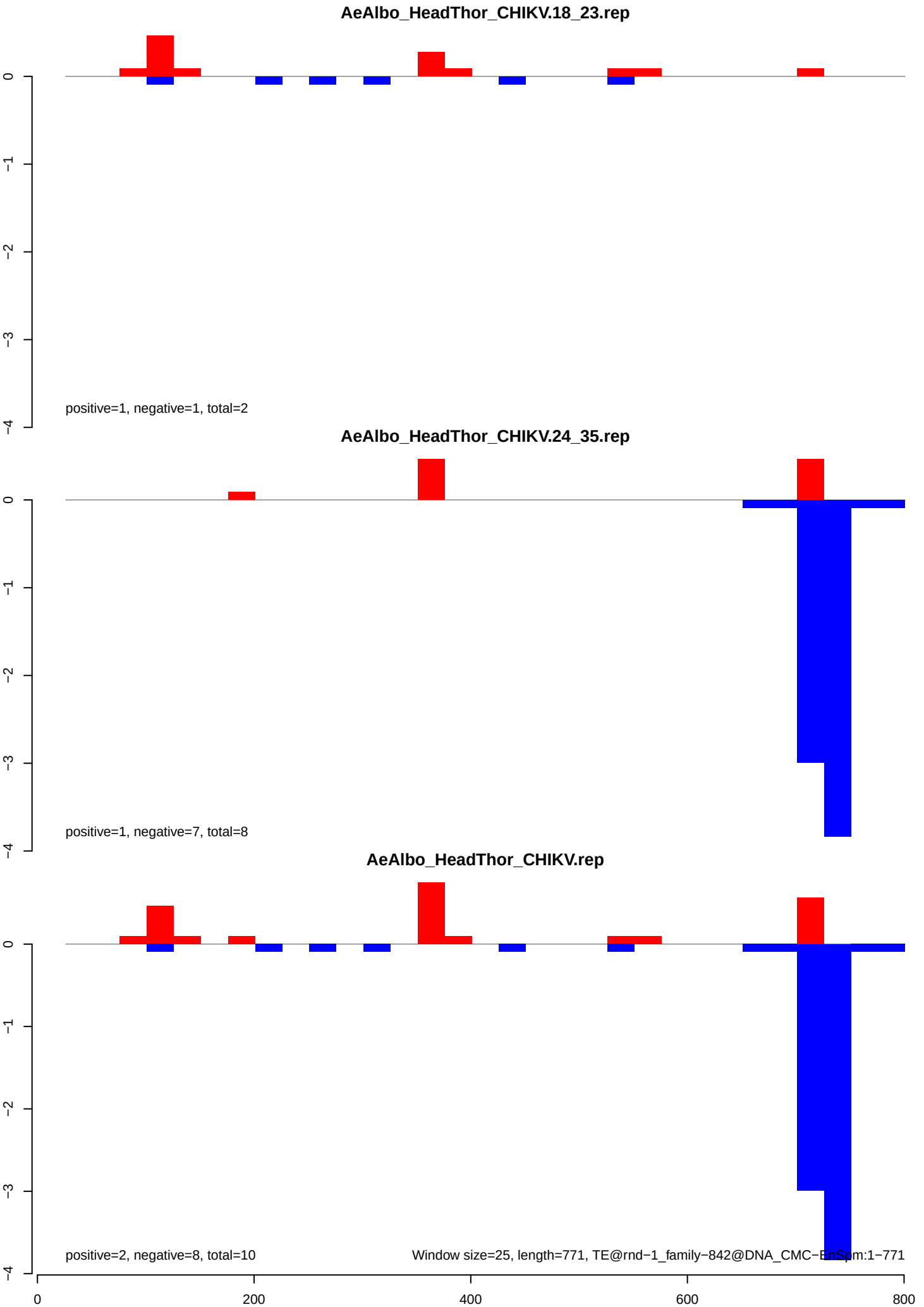

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
positive=22, negative=1, total=23

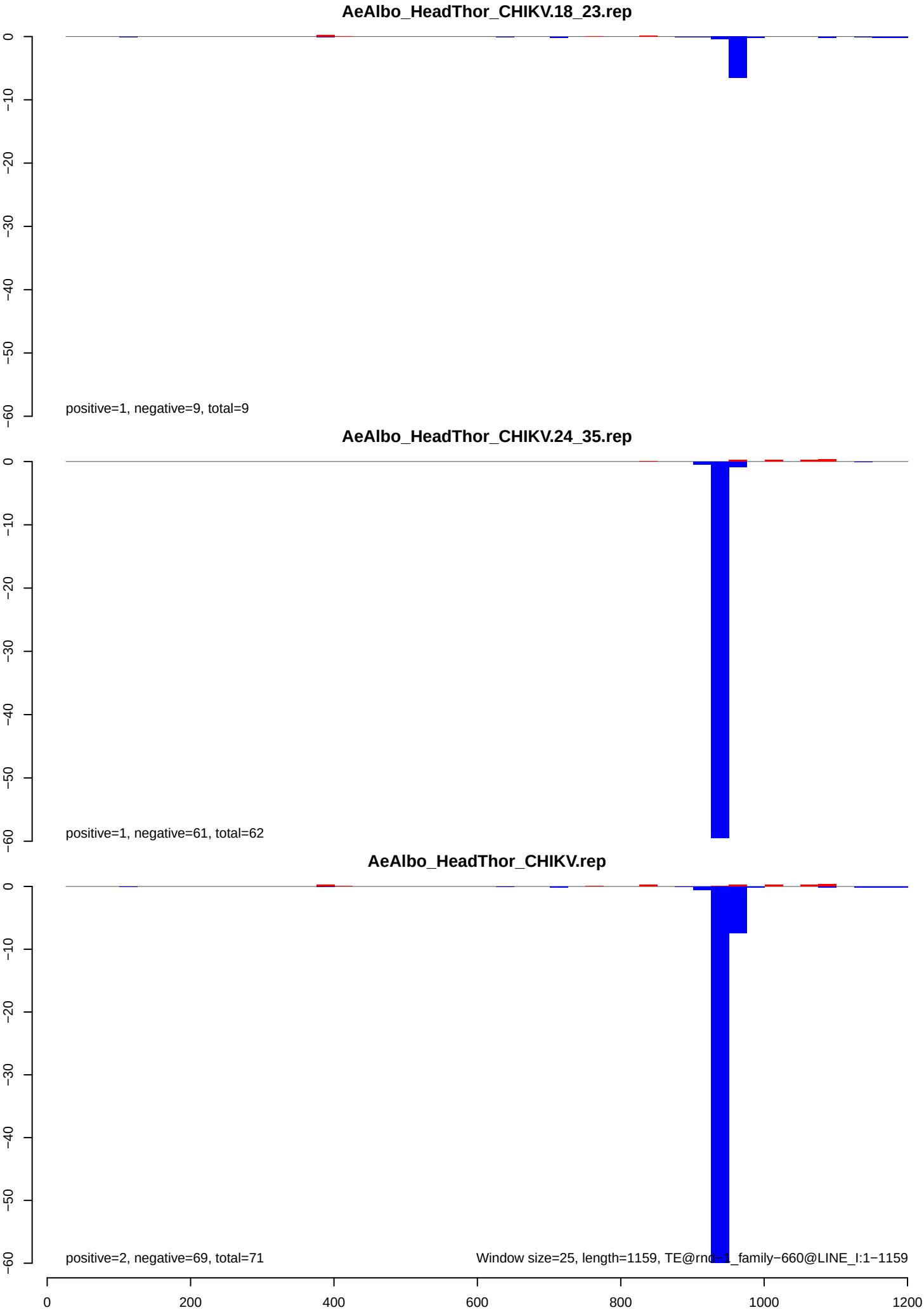

AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
positive=1, negative=0, total=1

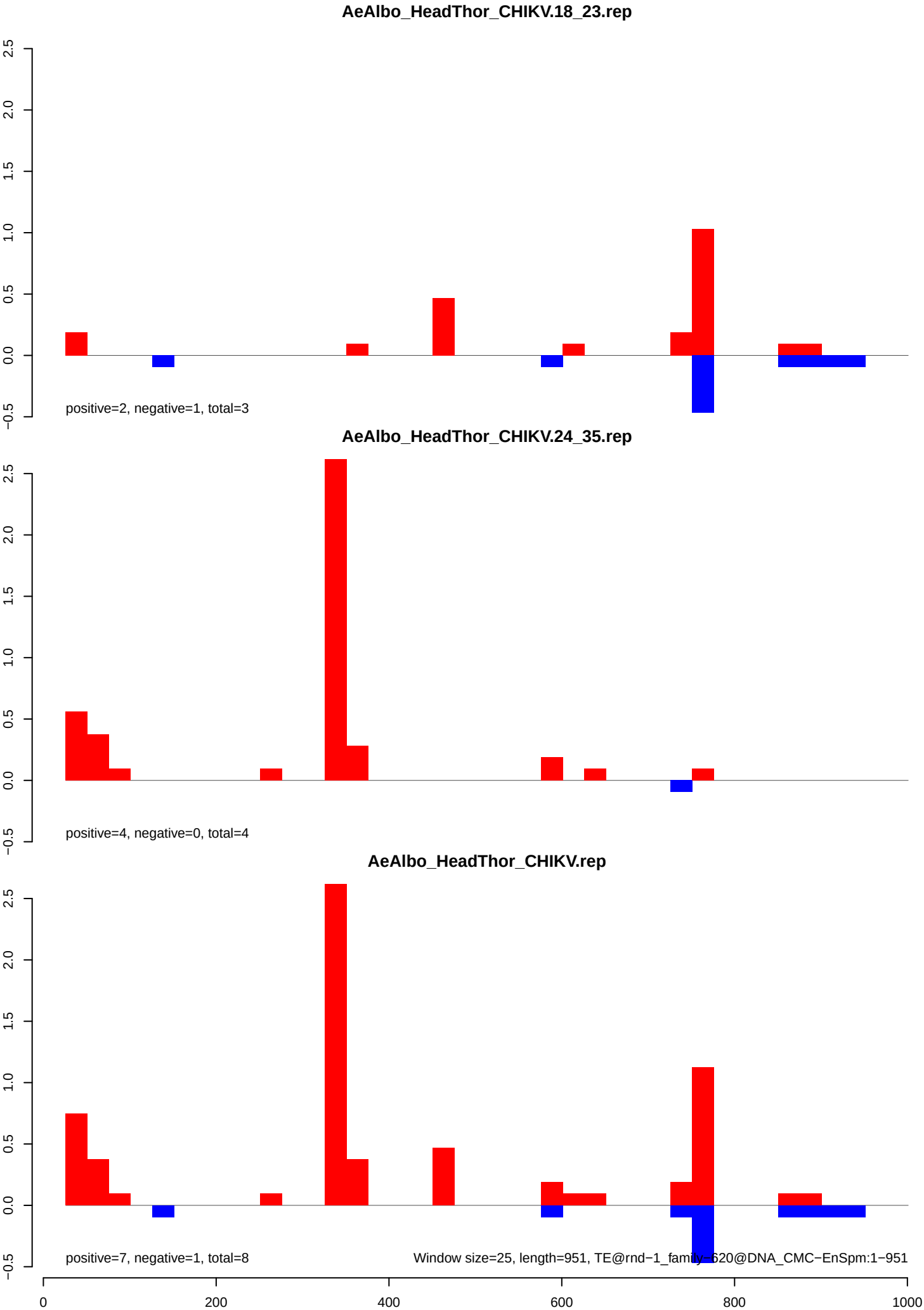

AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
positive=23, negative=1, total=25
Window size=25, length=599, TE@rnd-5_family-4391@LINE_R1:1-599
100
200
300
400
500
600

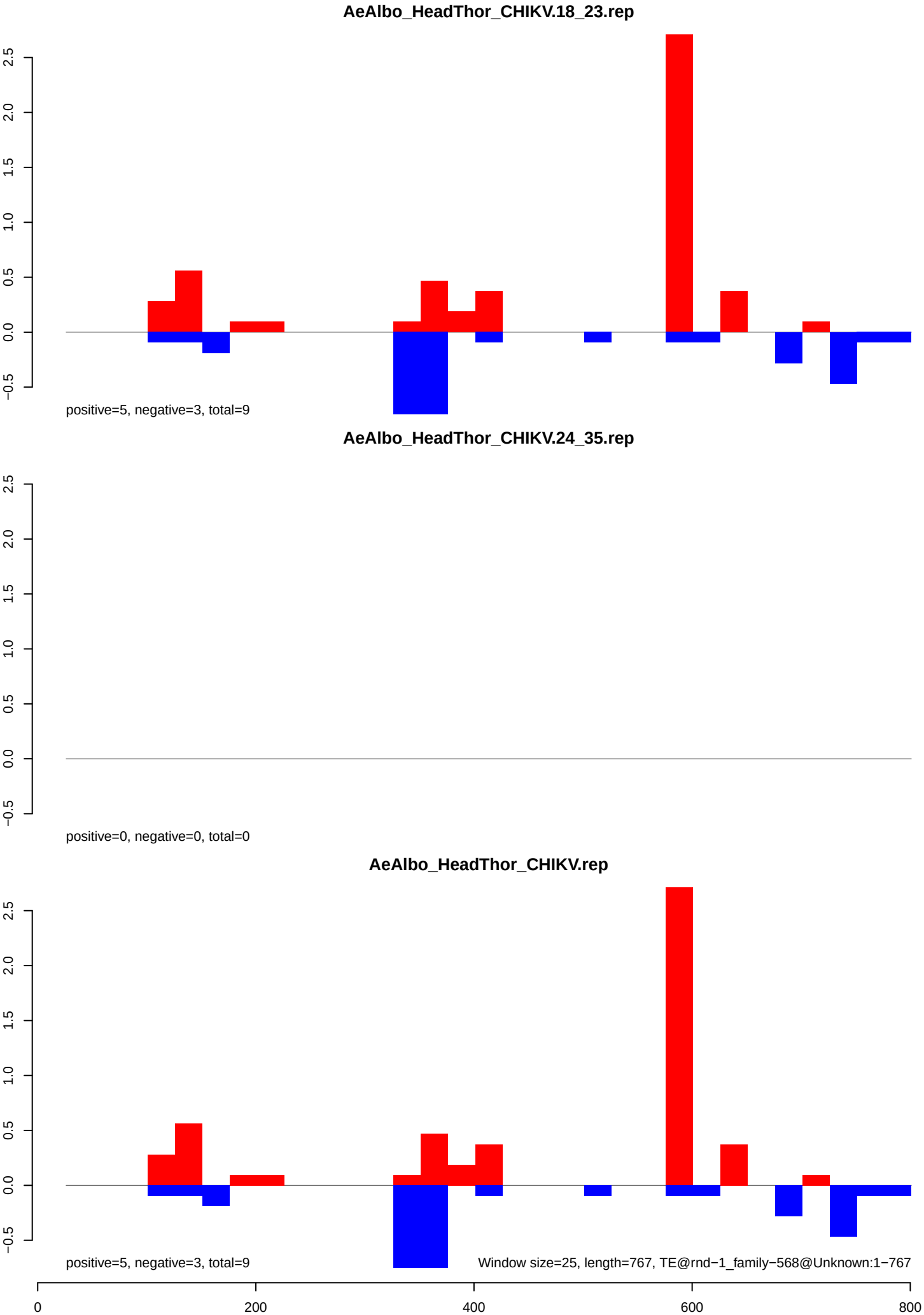

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=4
Window size=25, length=1387, TE@rnd−5_family−1204@Unknown:1−1387
0
200
400
600
800
1000
1200
1400

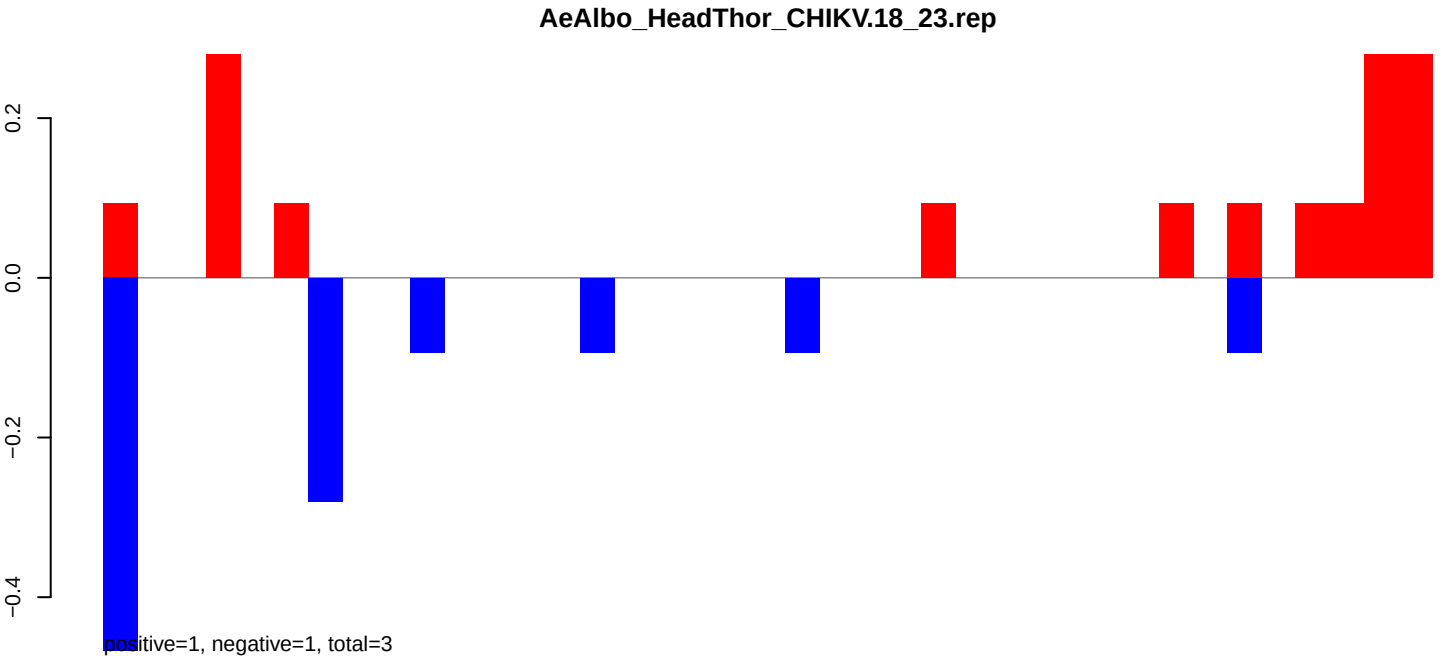

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=3, total=6
Window size=25, length=1522, TE@rnd−4_family−266@LINE_R1:1−1522
0
500
1000
1500

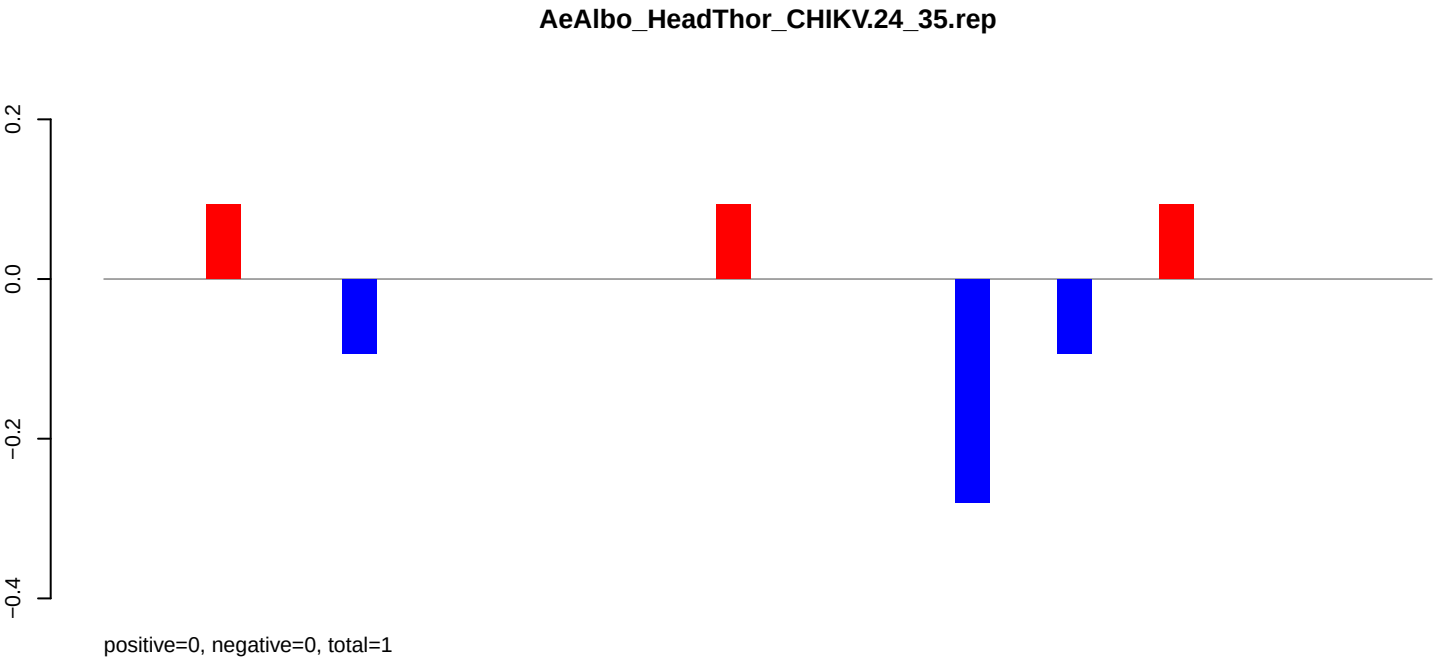

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=7, total=8
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=8, total=10
Window size=25, length=771, TE@rnd−1_family−842@DNA_CMC−EnSpm:1−771
0
−1
−2
−3
−4
0
200
400
600
800

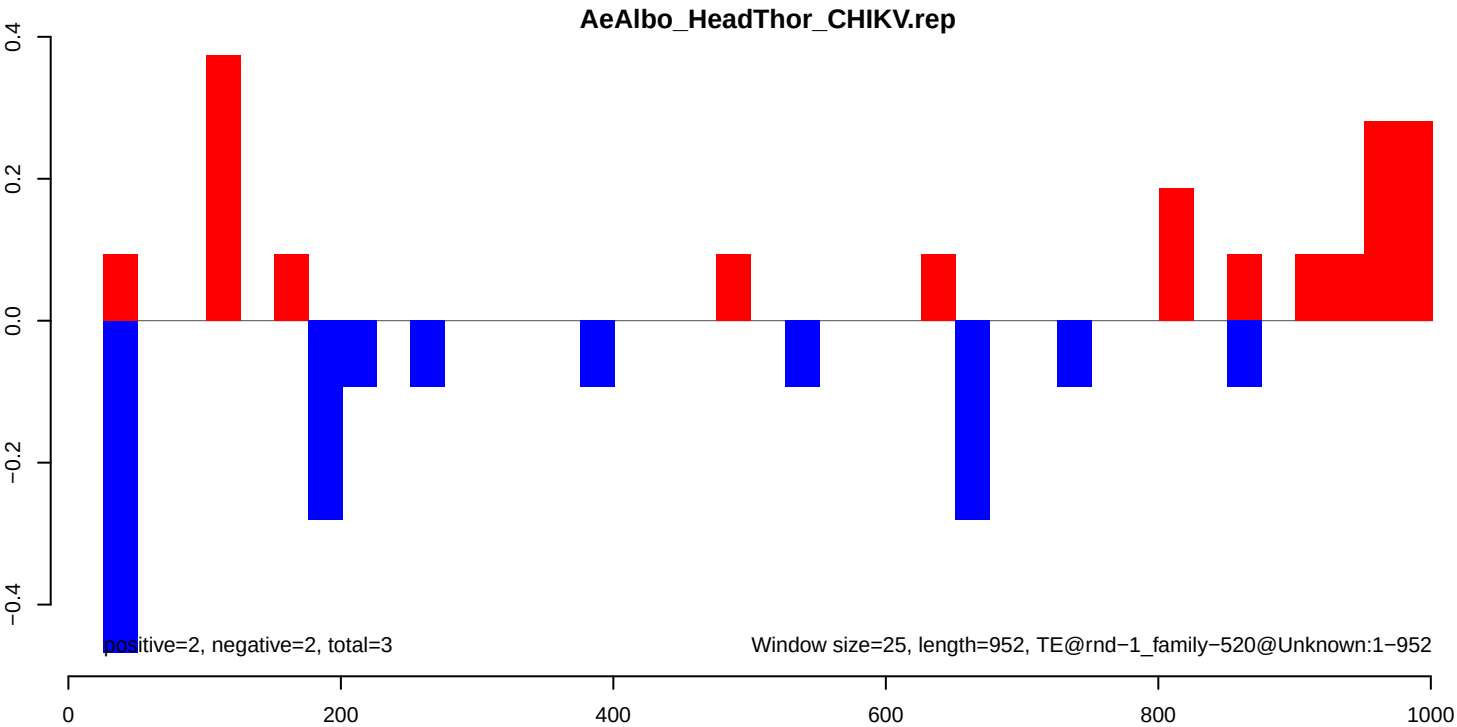

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
−60
positive=1, negative=9, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
−50
−60
positive=1, negative=61, total=62
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
−60
positive=2, negative=69, total=71
Window size=25, length=1159, TE@rnd−1_family−660@LINE_I:1−1159
0
200
400
600
800
1000
1200

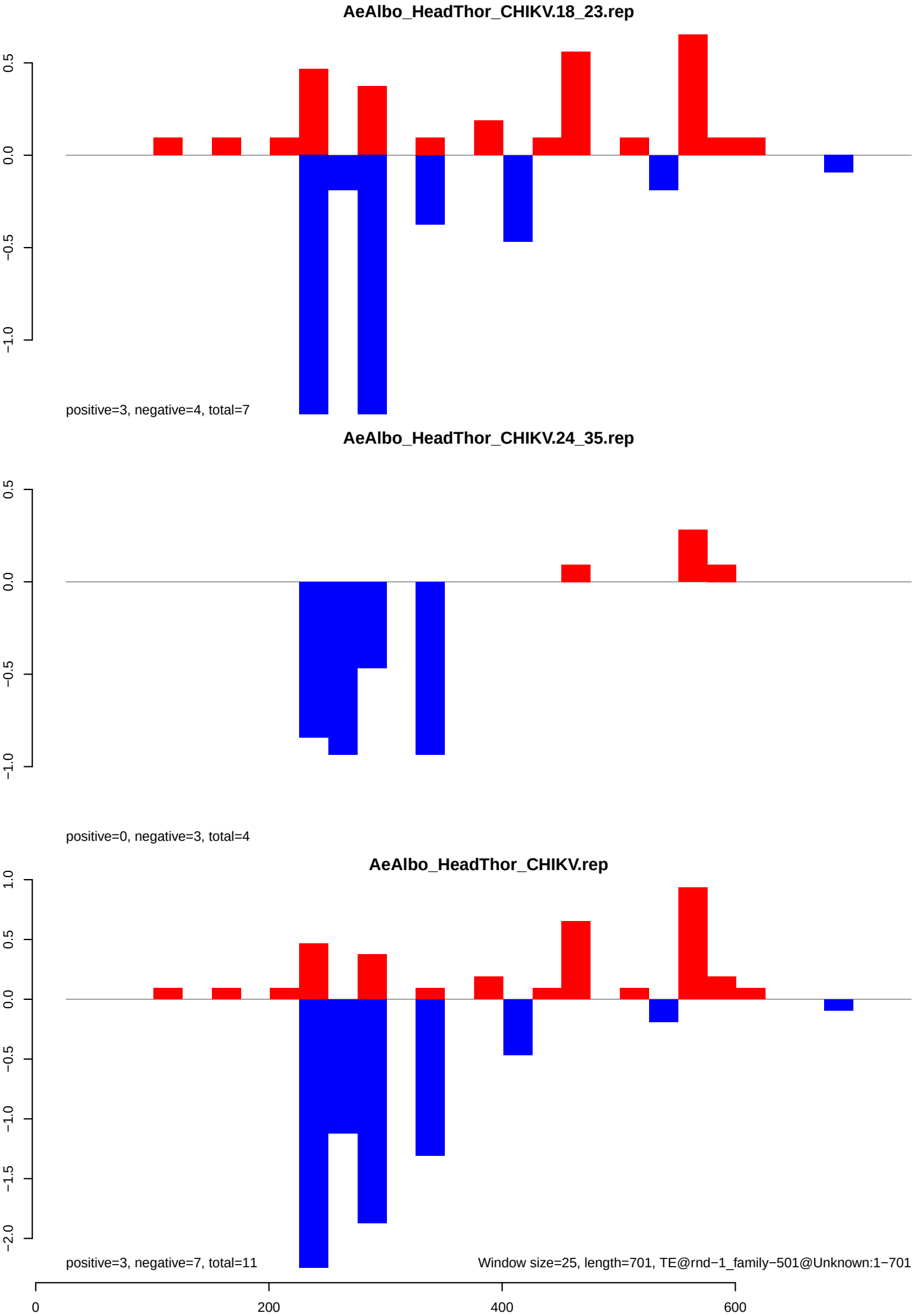

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=0, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=1, total=8
Window size=25, length=951, TE@rnd−1_family−620@DNA_CMC−EnSpm:1−951
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
200
400
600
800
1000

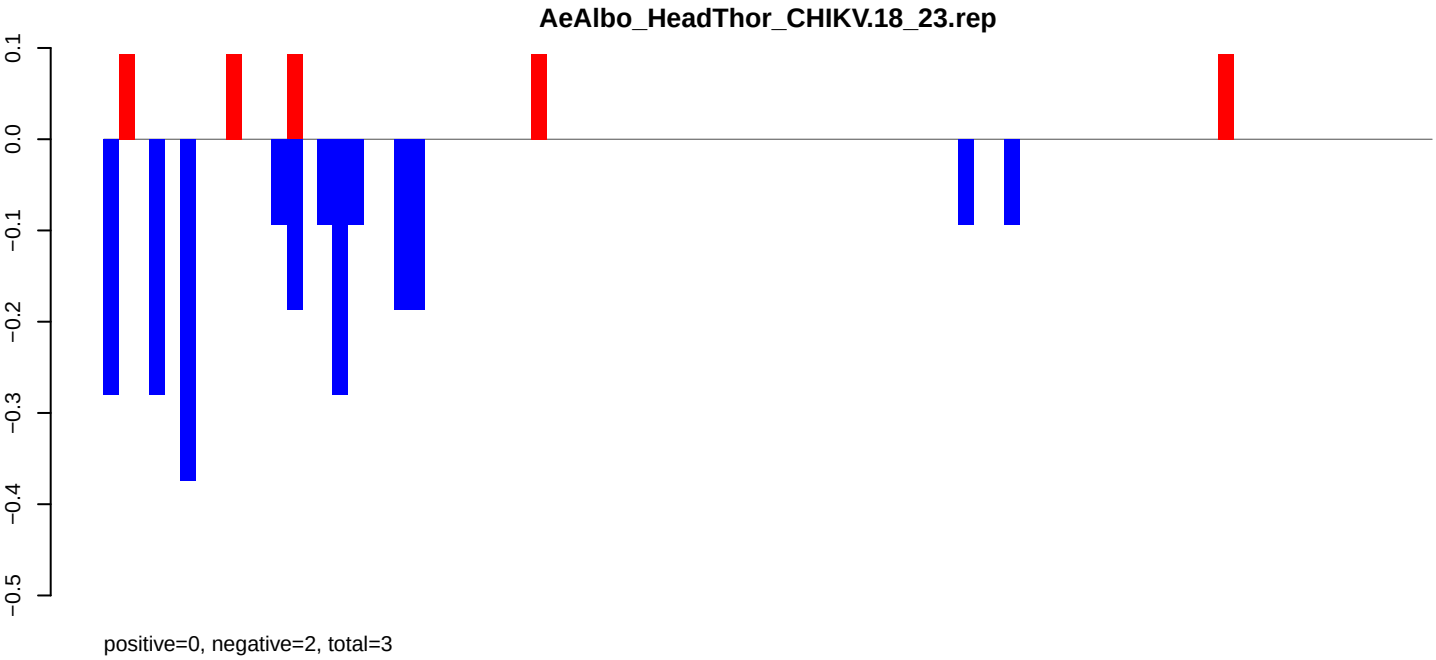

AeAlbo_HeadThor_CHIKV.18_23.rep
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
positive=5, negative=3, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=3, total=9
Window size=25, length=767, TE@rnd−1_family−568@Unknown:1−767
0
200
400
600
800

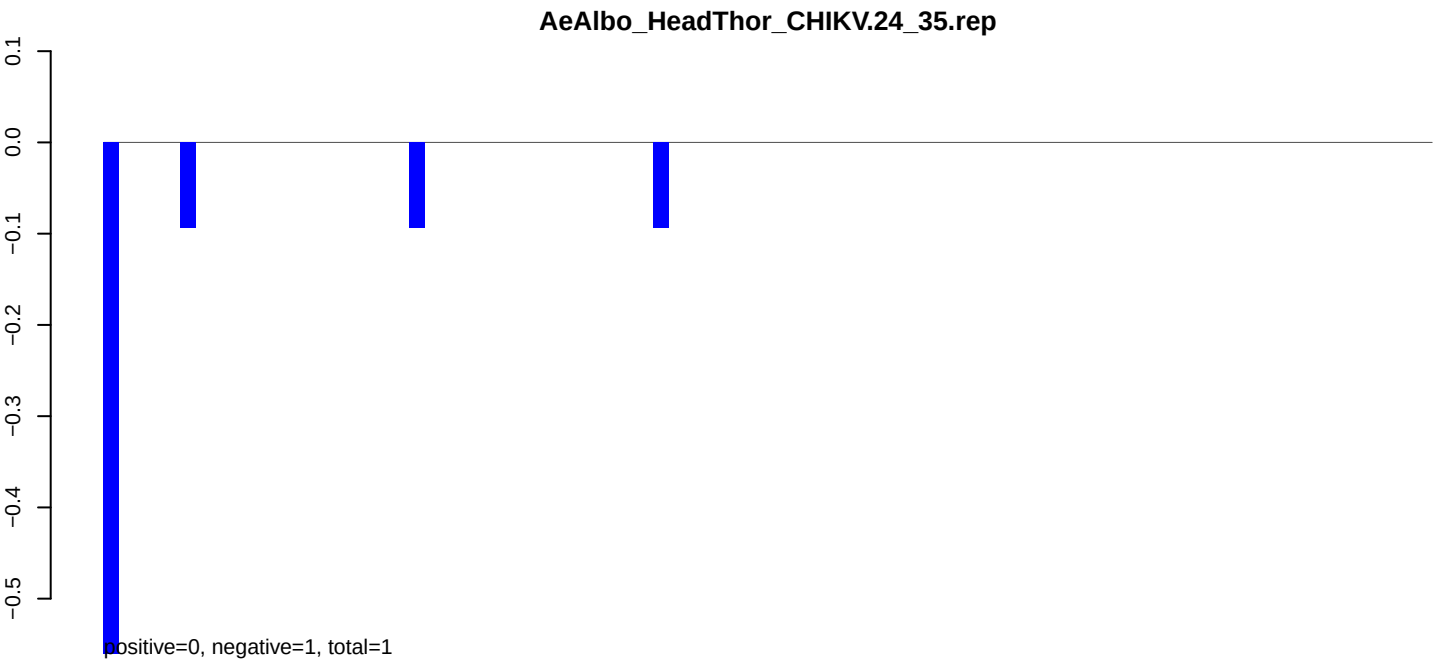

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=3

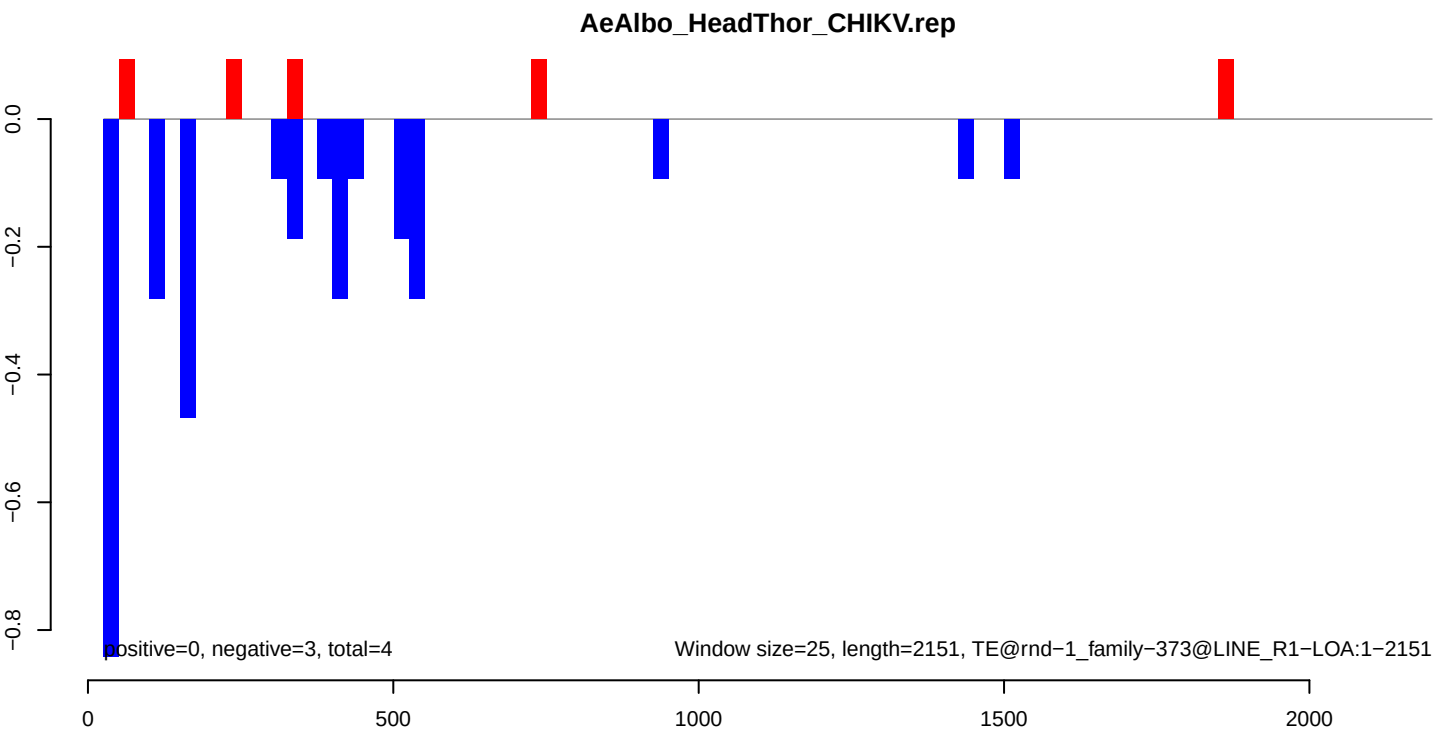

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=1

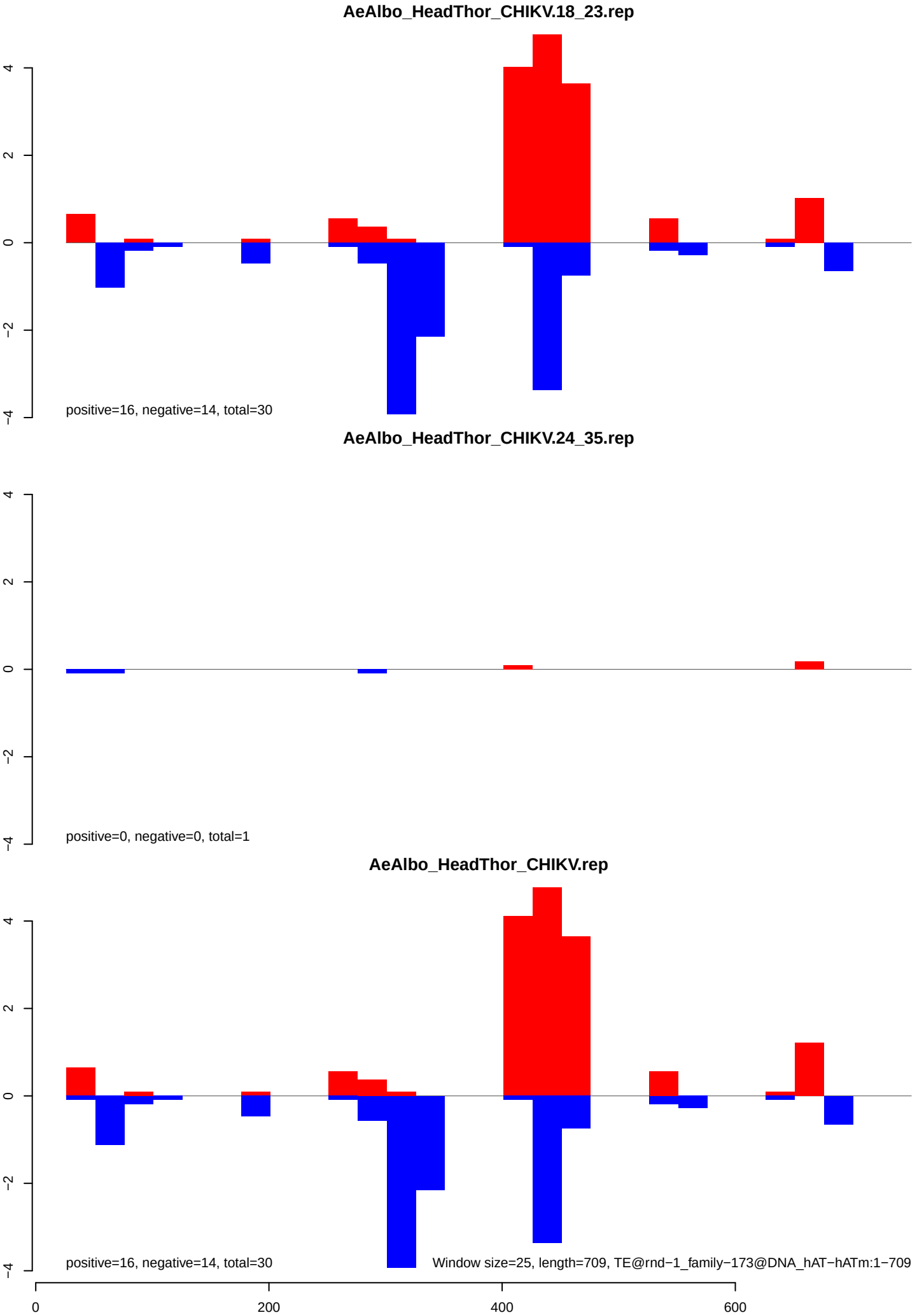

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=2, total=3
Window size=25, length=952, TE@rnd−1_family−520@Unknown:1−952
0
200
400
600
800
1000

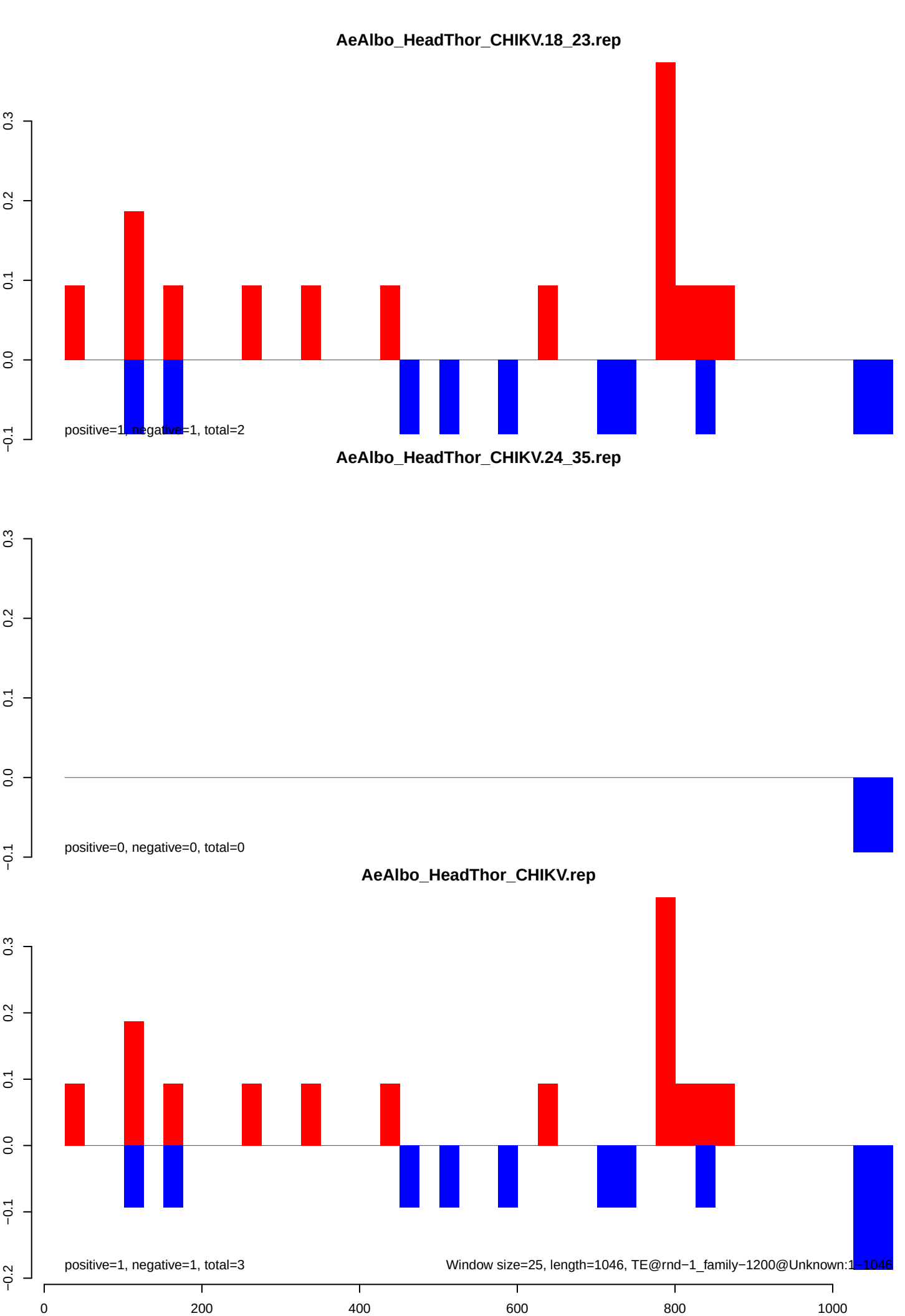

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=3, total=4
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=3, negative=7, total=11
Window size=25, length=701, TE@rnd−1_family−501@Unknown:1−701
0
200
400
600

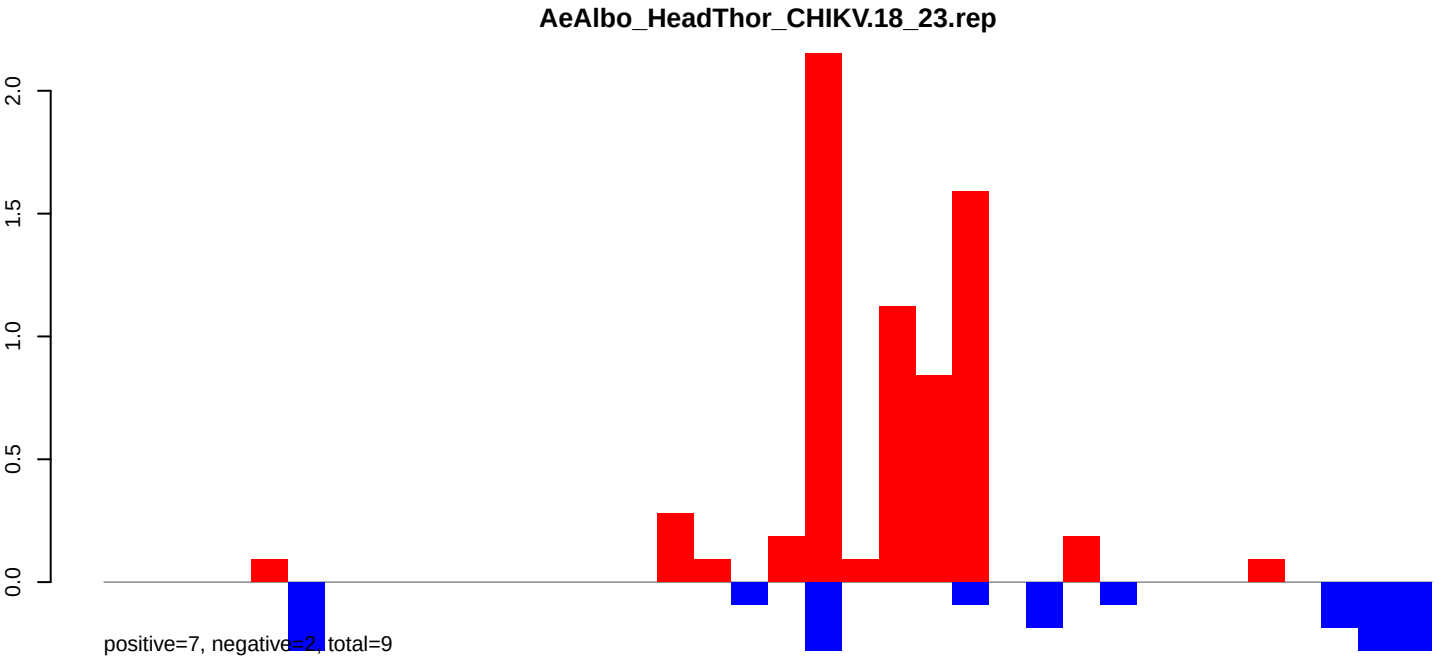

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=2, total=3

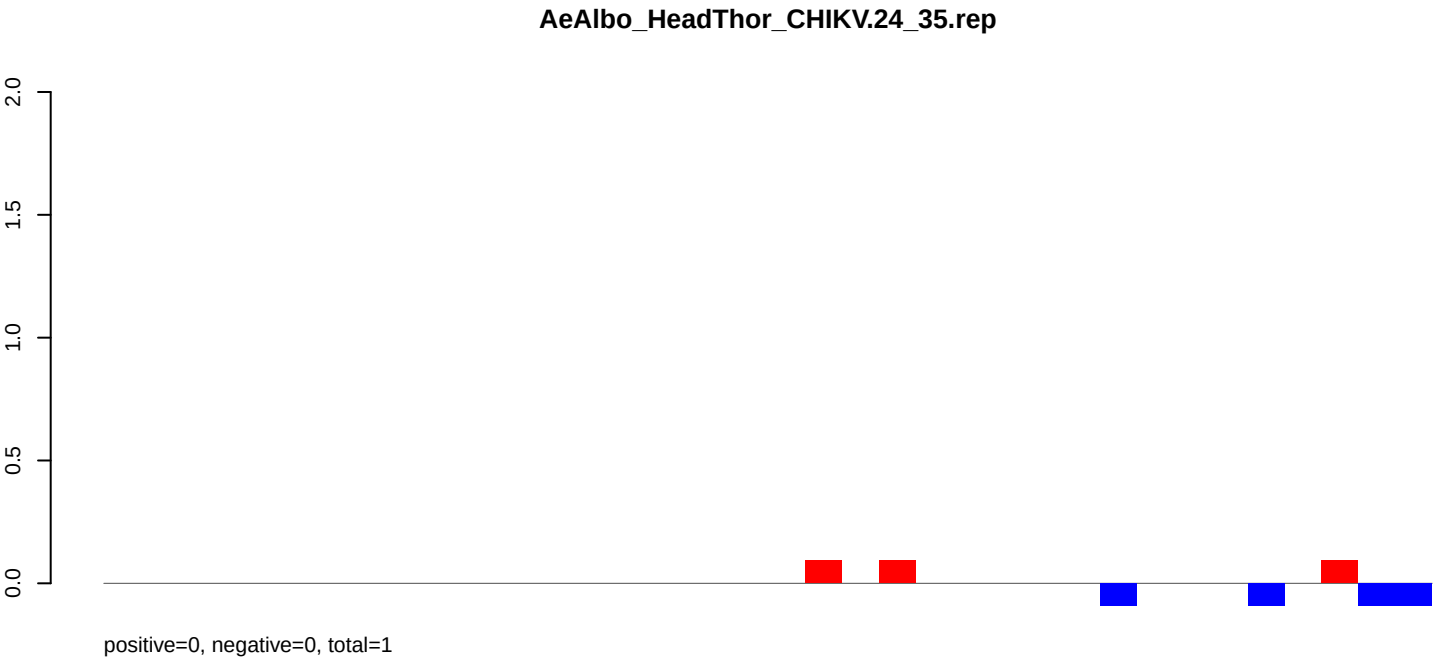

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1

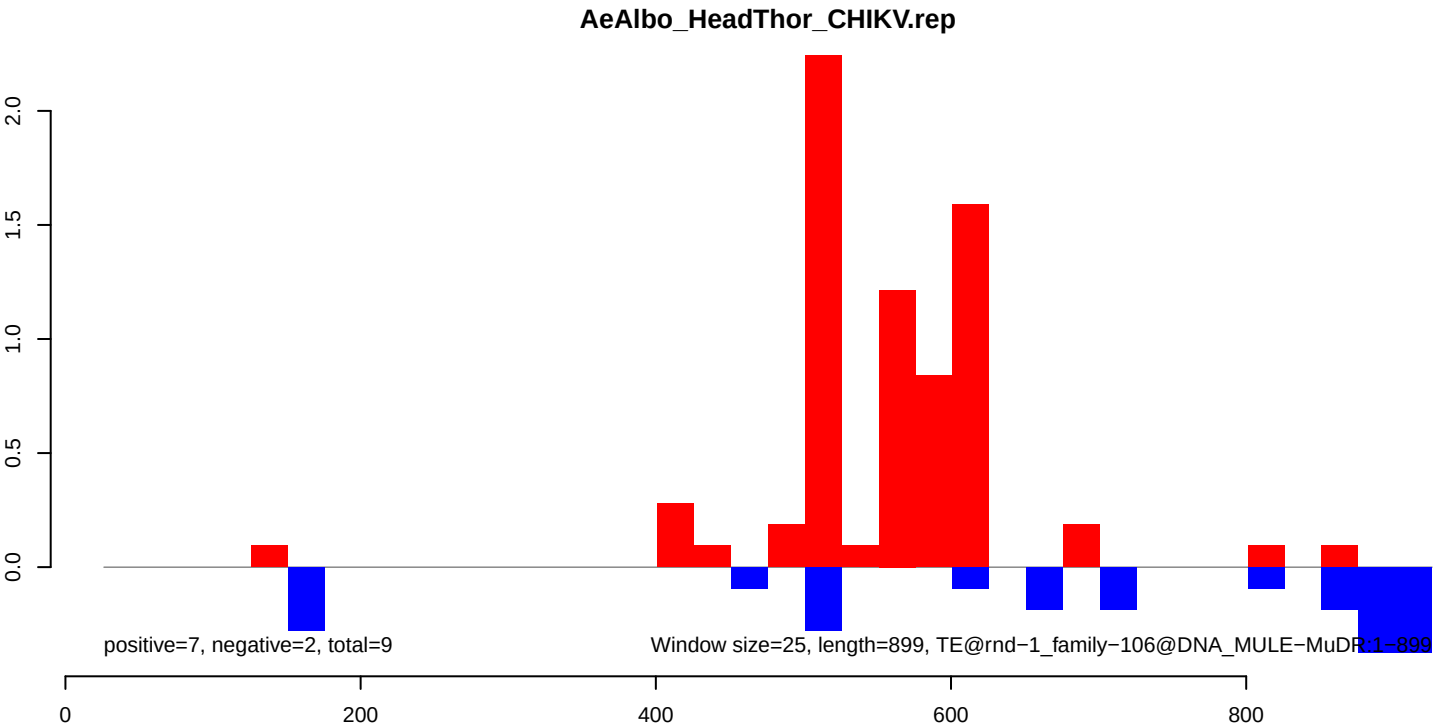

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=3, total=4
Window size=25, length=2151, TE@rnd−1_family−373@LINE_R1−LOA:1−2151
0
500
1000
1500
2000

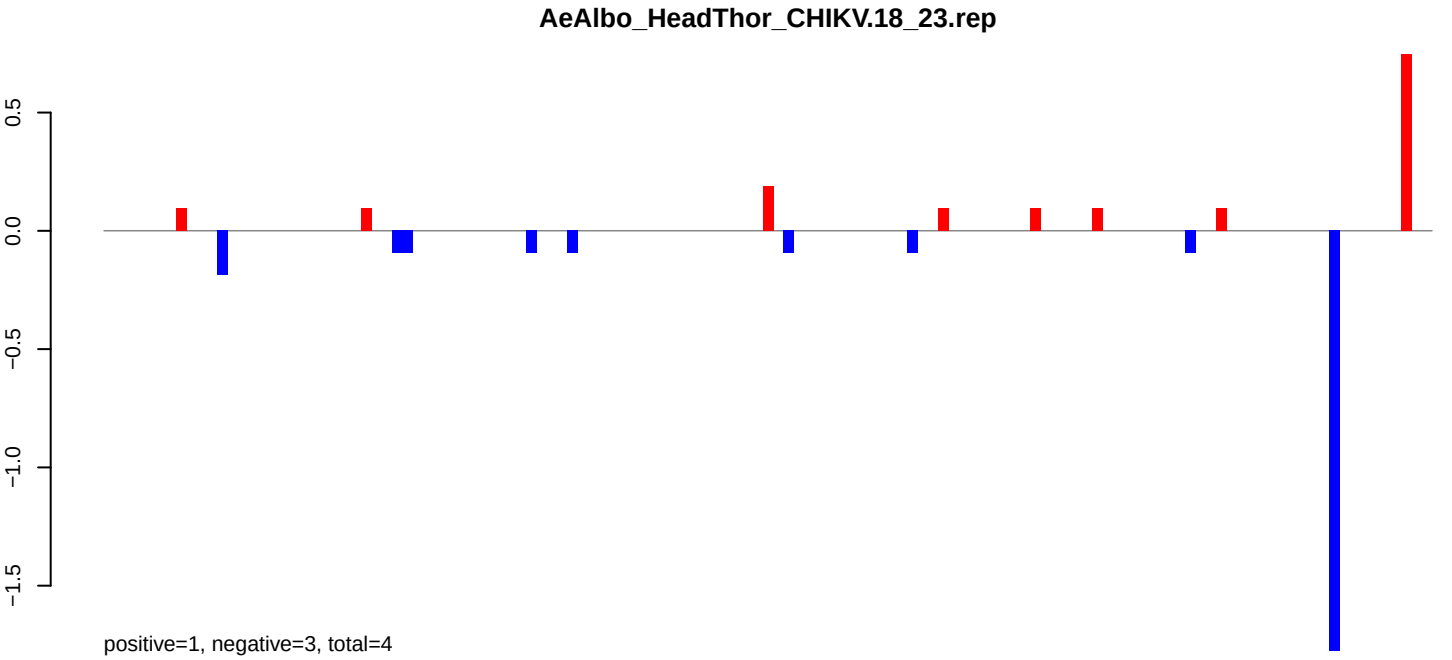

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=14, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=16, negative=14, total=30
Window size=25, length=709, TE@rnd−1_family−173@DNA_hAT−hATm:1−709
4
2
0
−2
−4
0
200
400
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=3
Window size=25, length=1046, TE@rnd−1_family−1200@Unknown:1−1046
0
200
400
600
800
1000

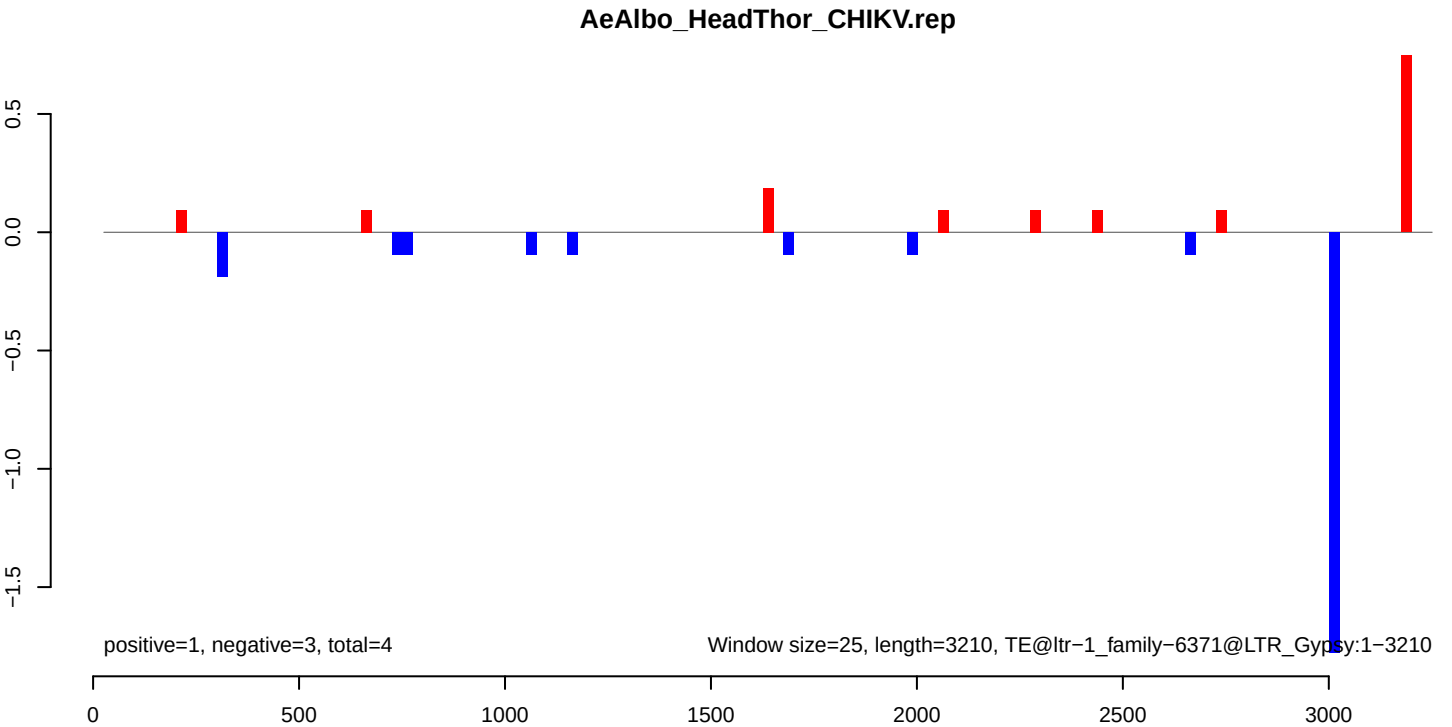

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=7, negative=2, total=9

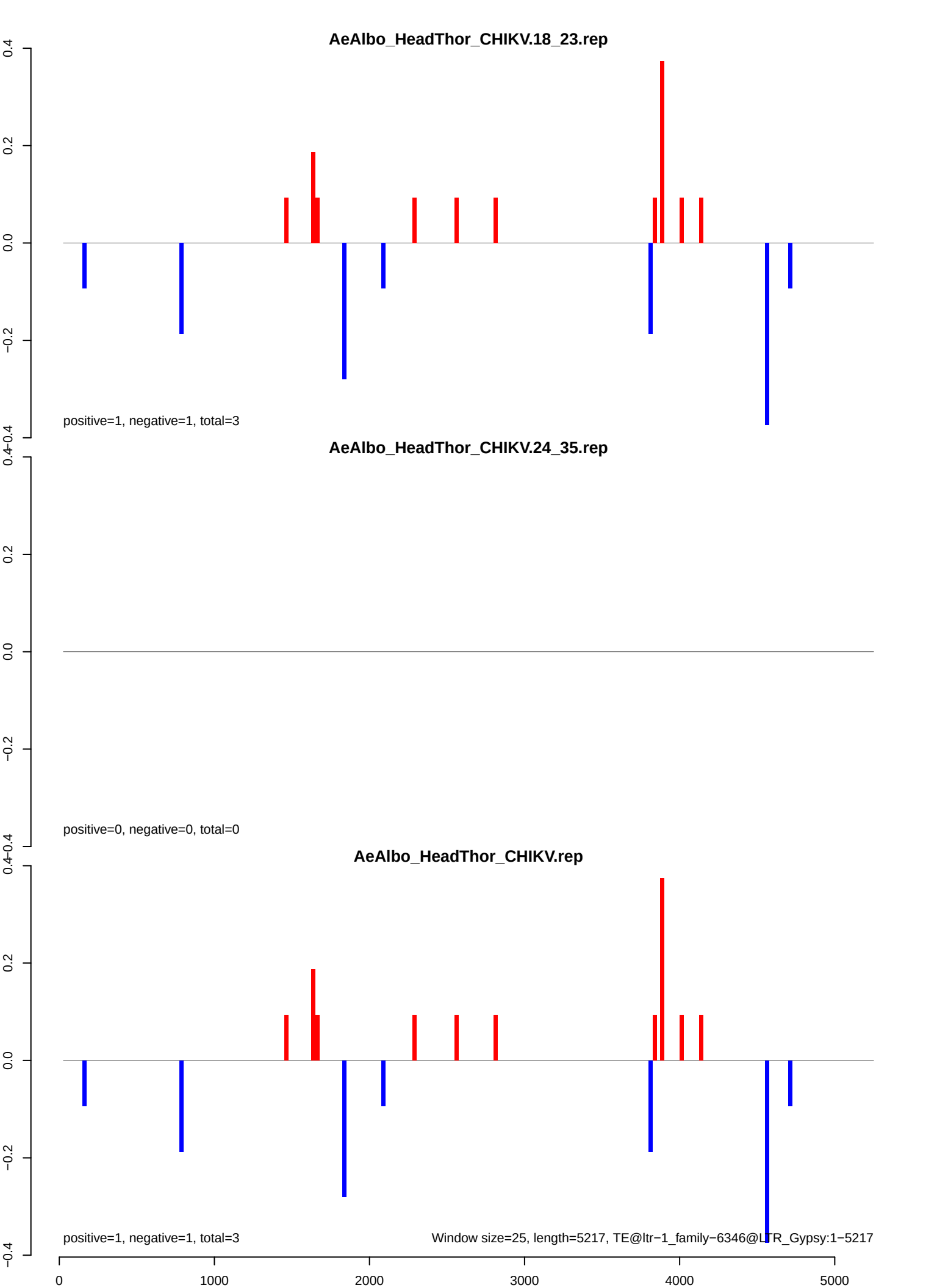

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=1

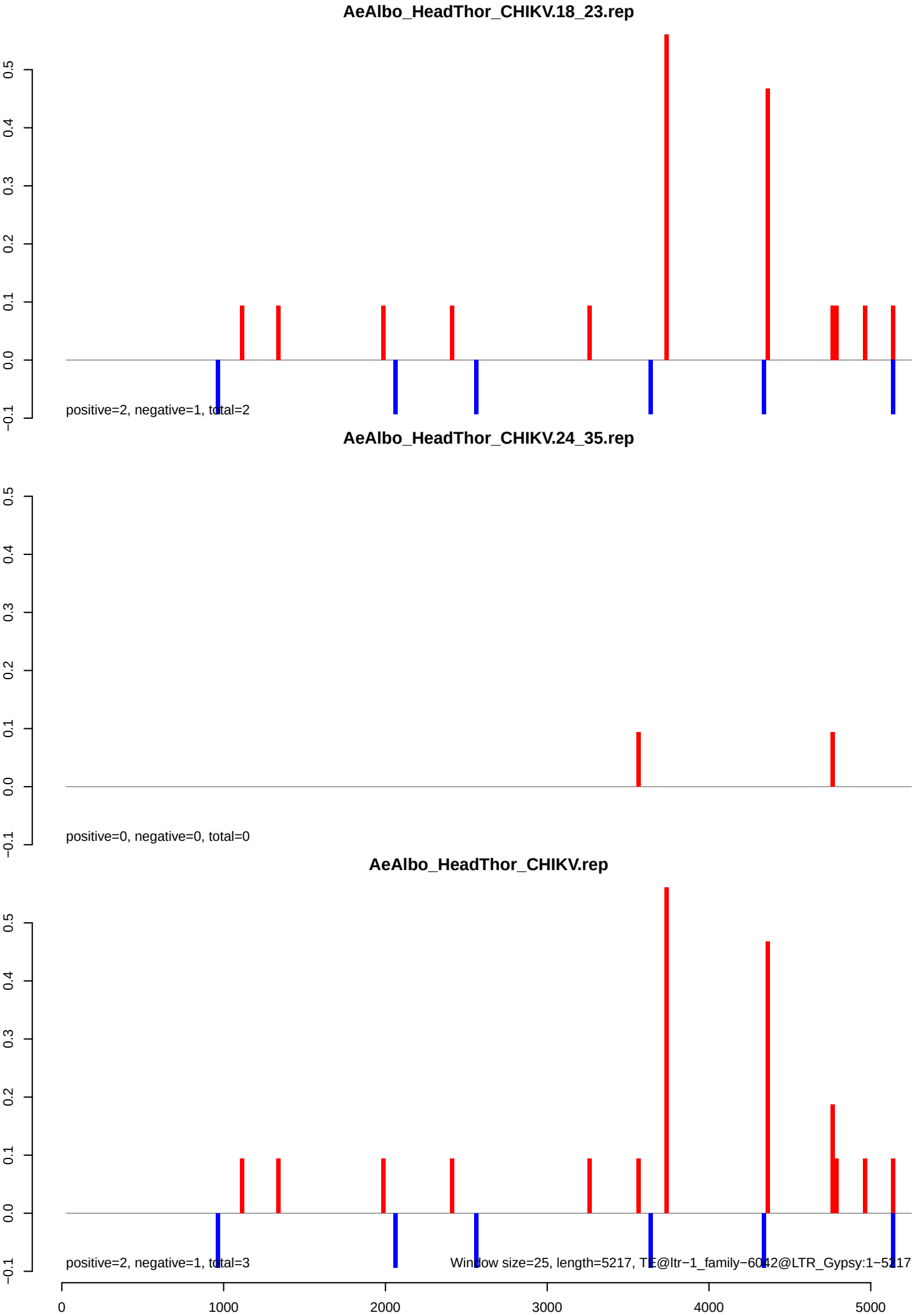

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=7, negative=2, total=9
Window size=25, length=899, TE@rnd−1_family−106@DNA_MULE−MuDR:1−899
0
200
400
600
800

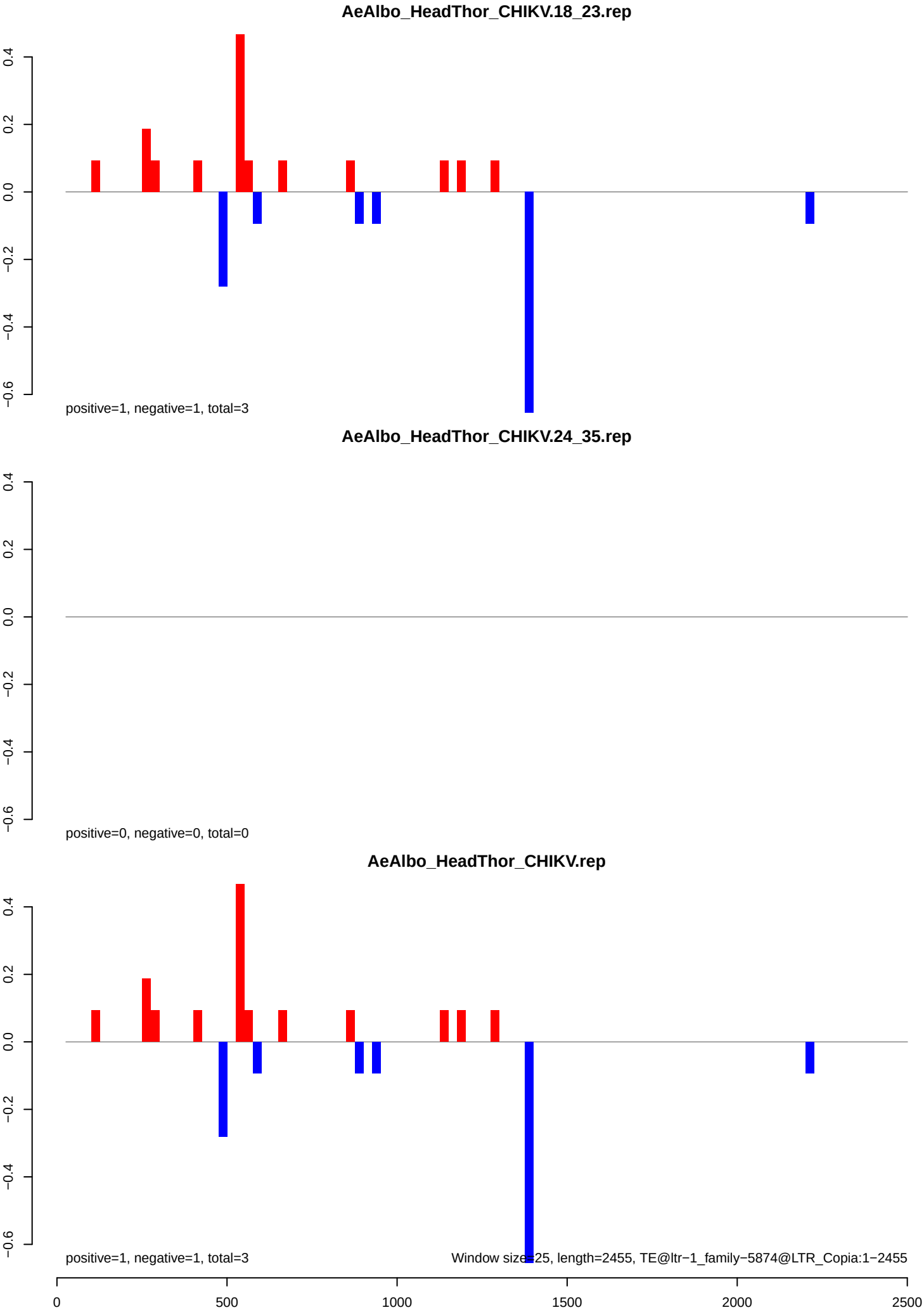

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4

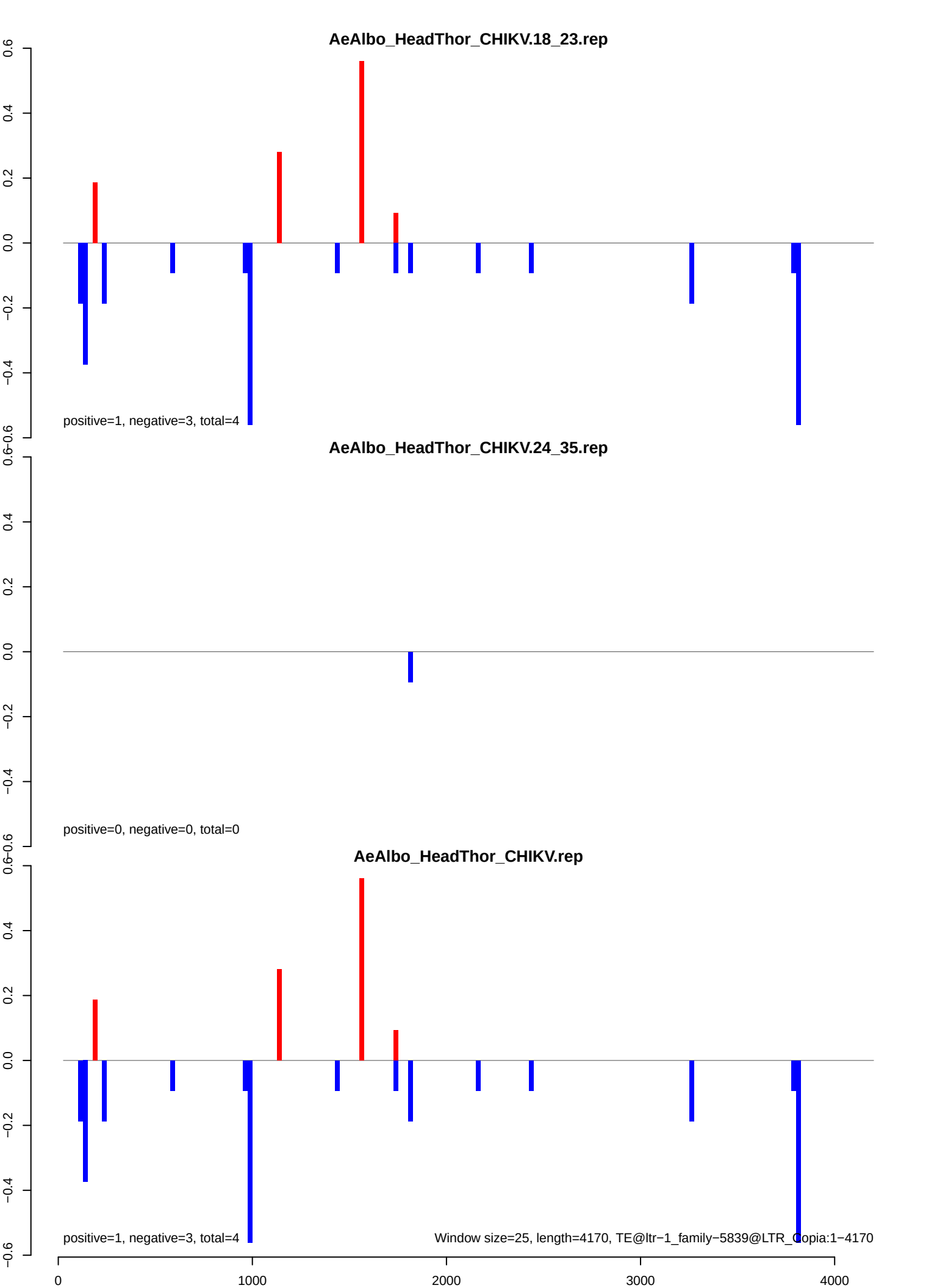
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

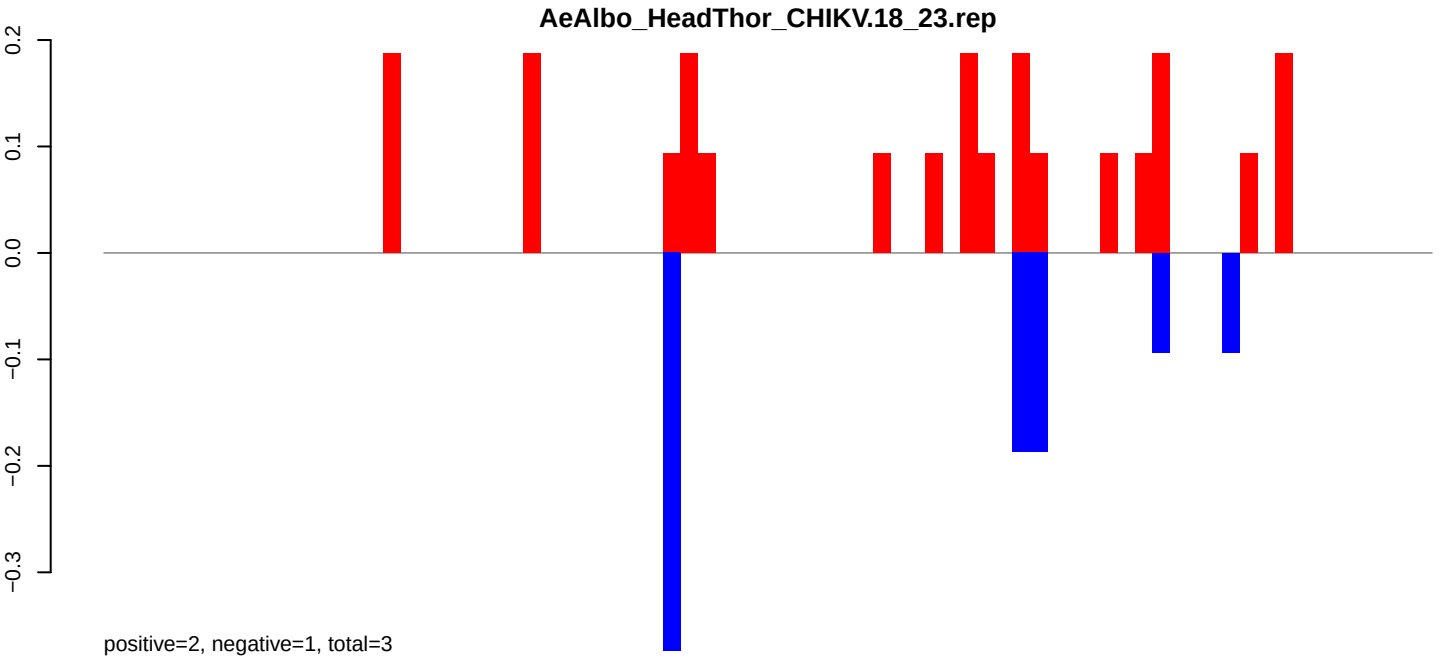

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4
Window size=25, length=3210, TE@ltr−1_family−6371@LTR_Gypsy:1−3210
0
500
1000
1500
2000
2500
3000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=3
Window size=25, length=5217, TE@ltr−1_family−6346@LTR_Gypsy:1−5217
0
1000
2000
3000
4000
5000

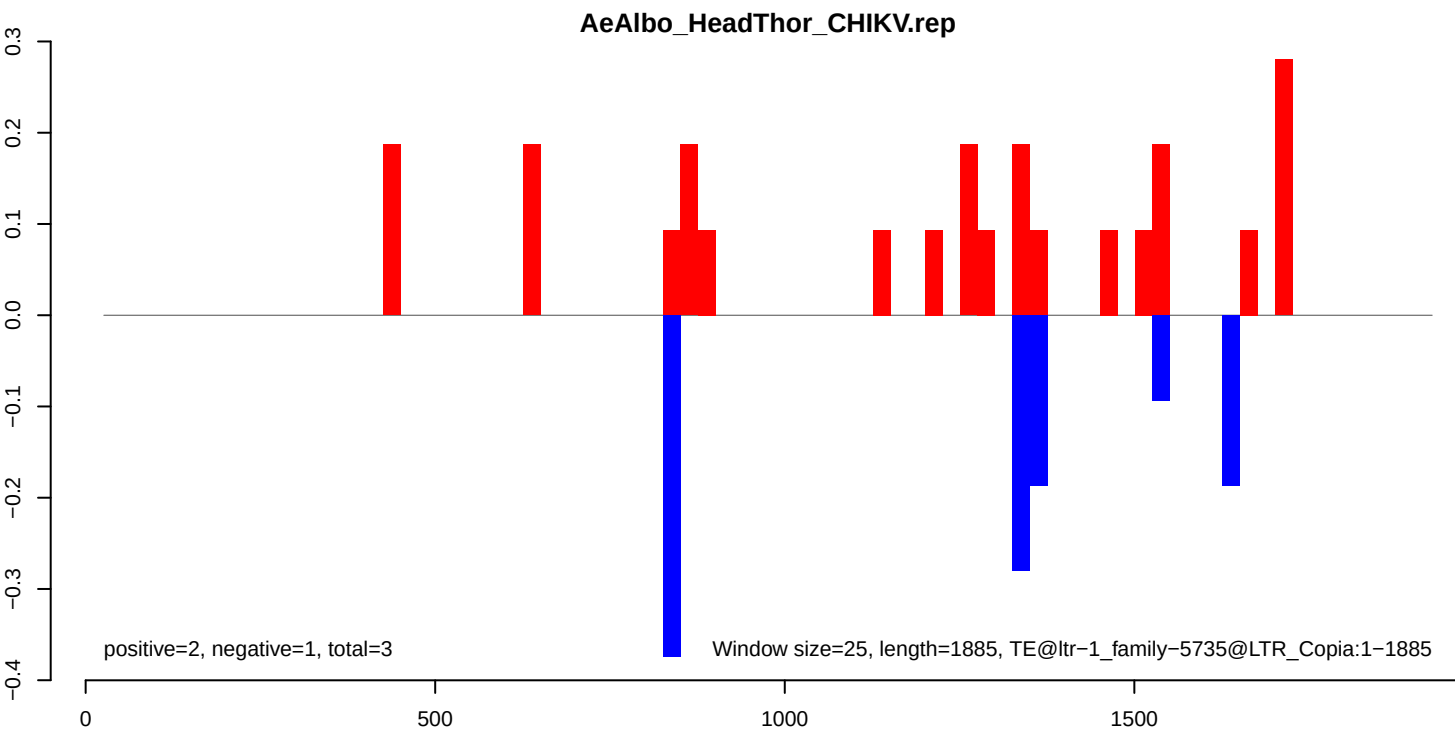

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=5217, TE@ltr−1_family−6042@LTR_Gypsy:1−5217
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
1000
2000
3000
4000
5000

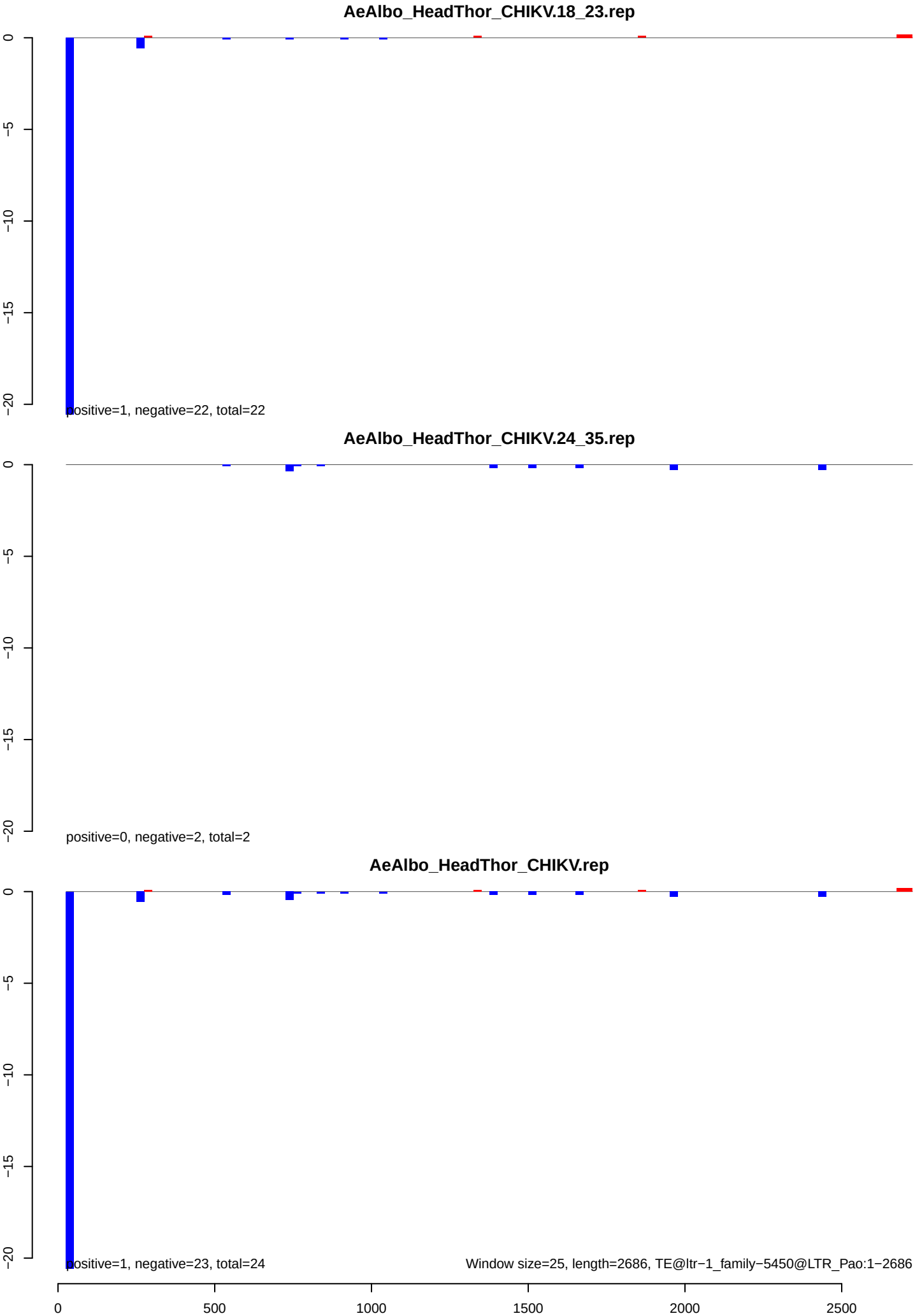

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=3
Window size=25, length=2455, TE@ltr−1_family−5874@LTR_Copia:1−2455
0
500
1000
1500
2000
2500

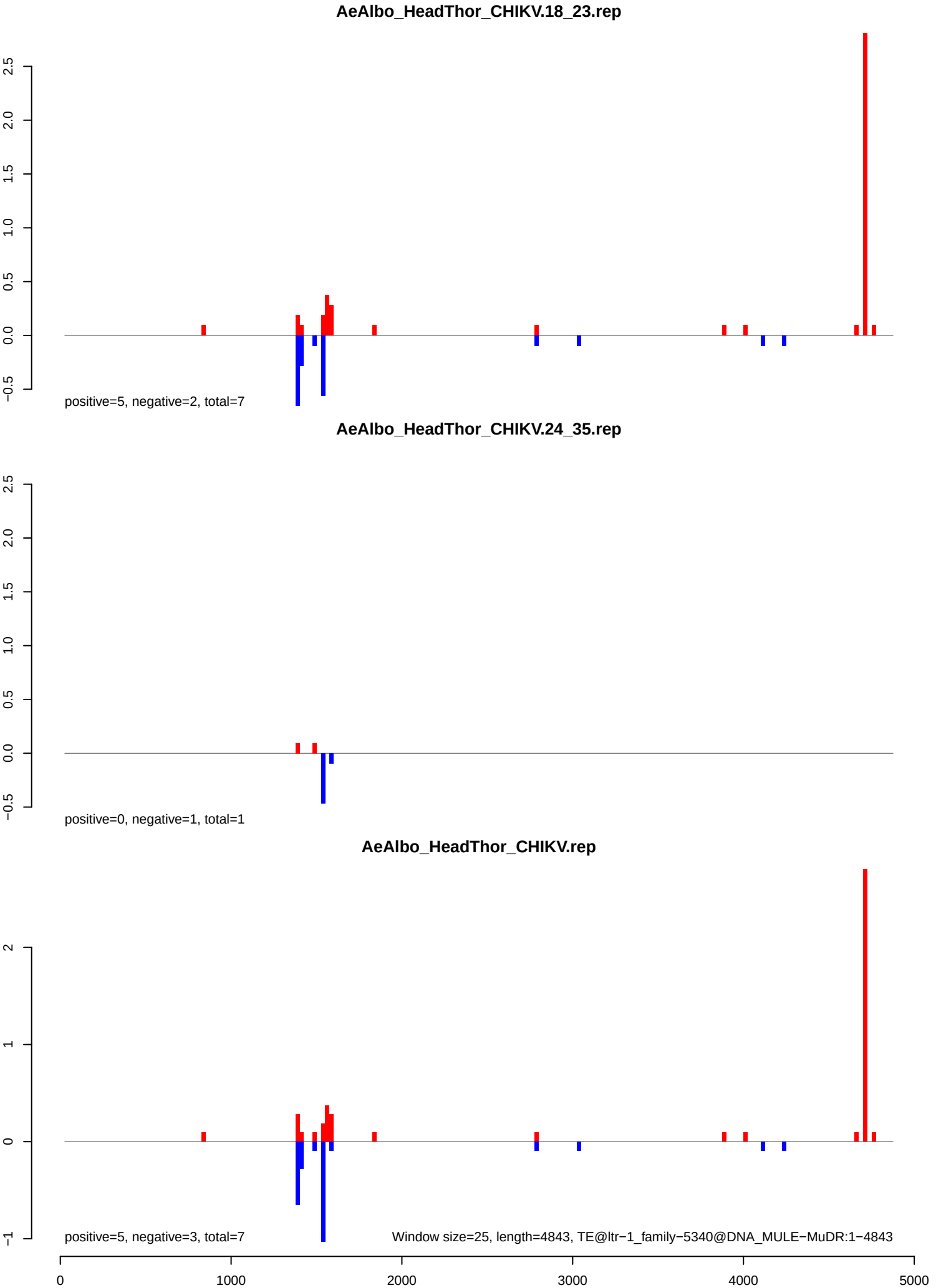

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=3, total=4
Window size=25, length=4170, TE@ltr−1_family−5839@LTR_Copia:1−4170
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000

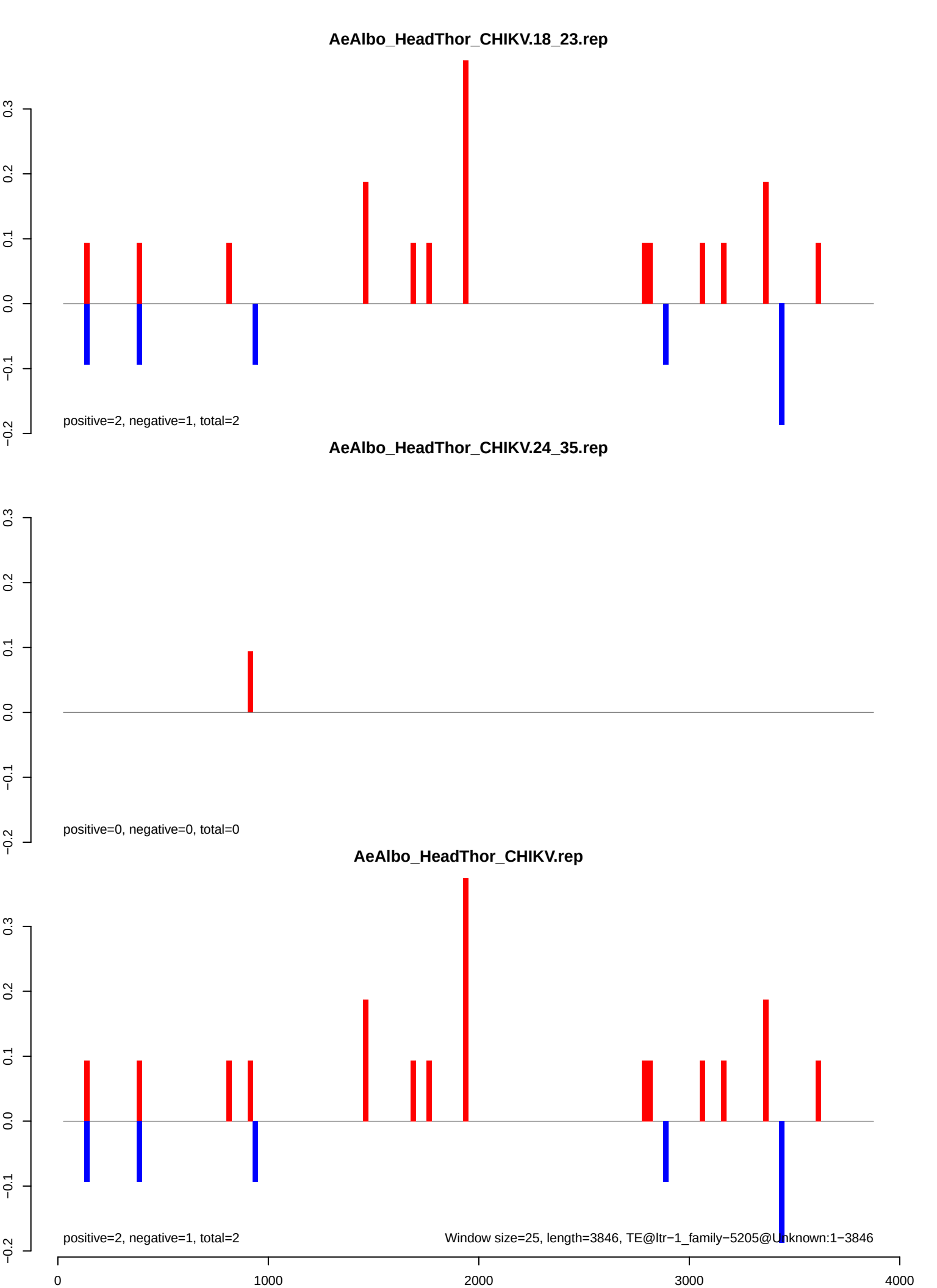

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=2, negative=1, total=3

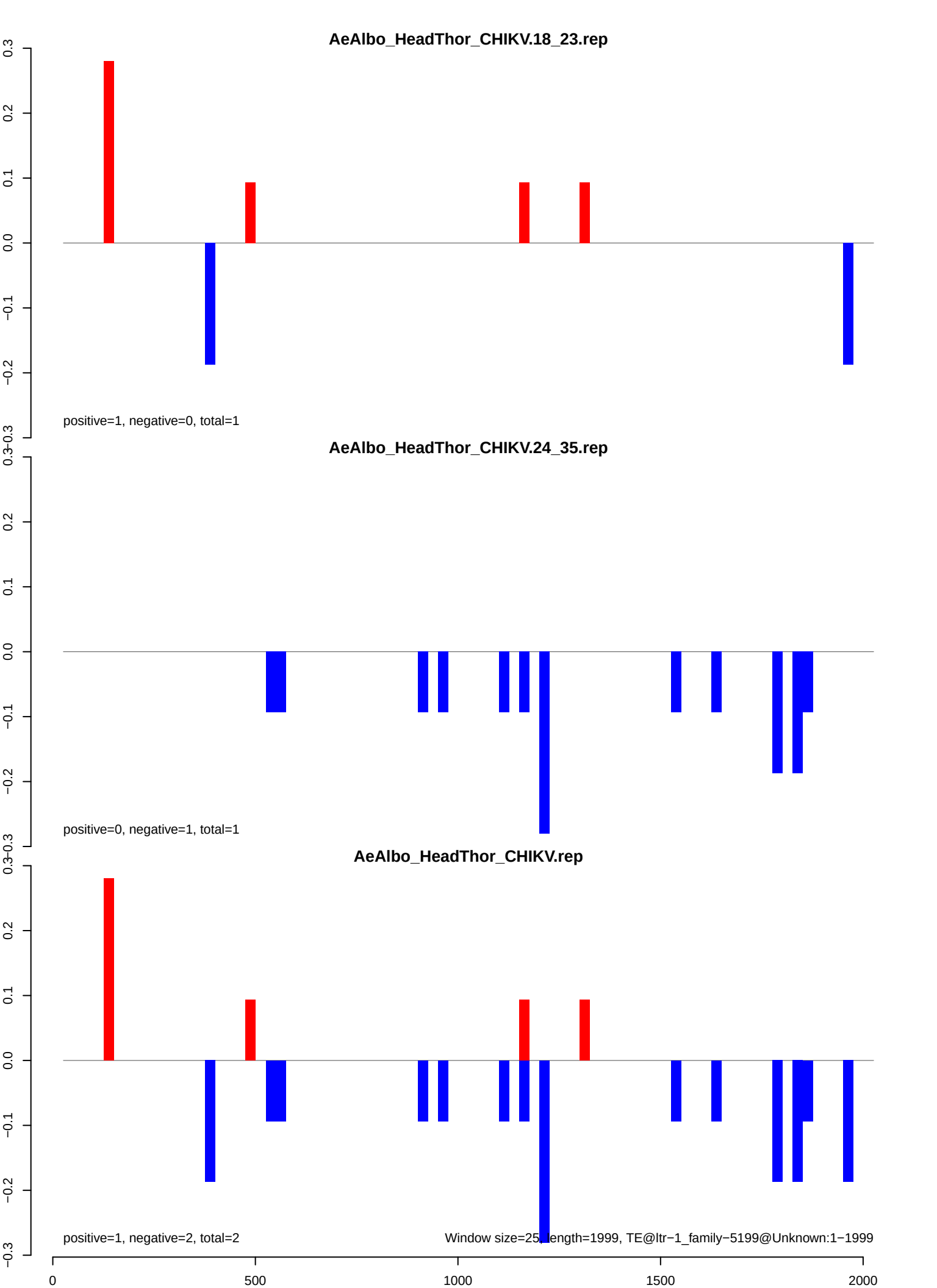
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

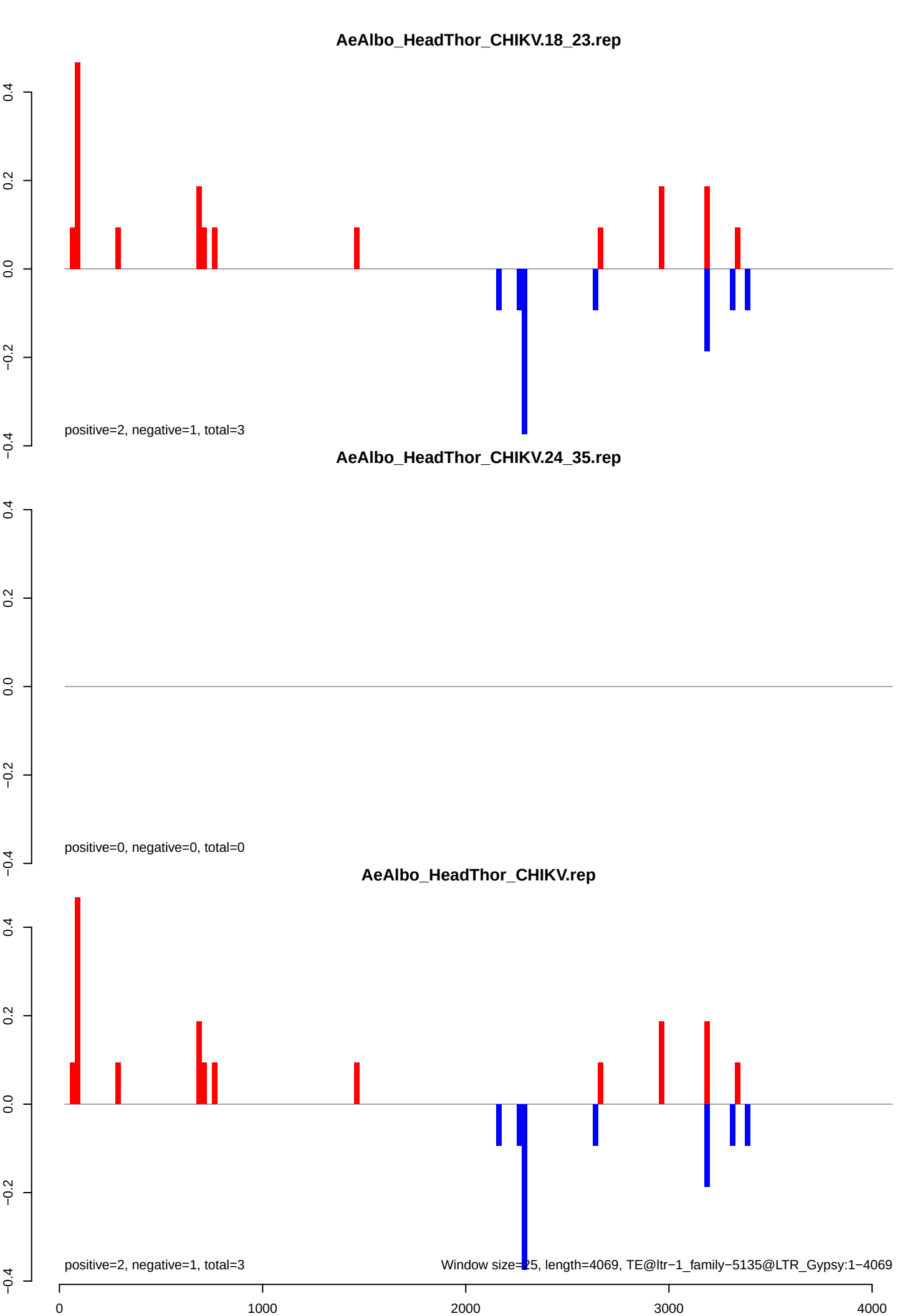

AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=2, negative=1, total=3
Window size=25, length=1885, TE@ltr−1_family−5735@LTR_Copia:1−1885
0
500
1000
1500
2000

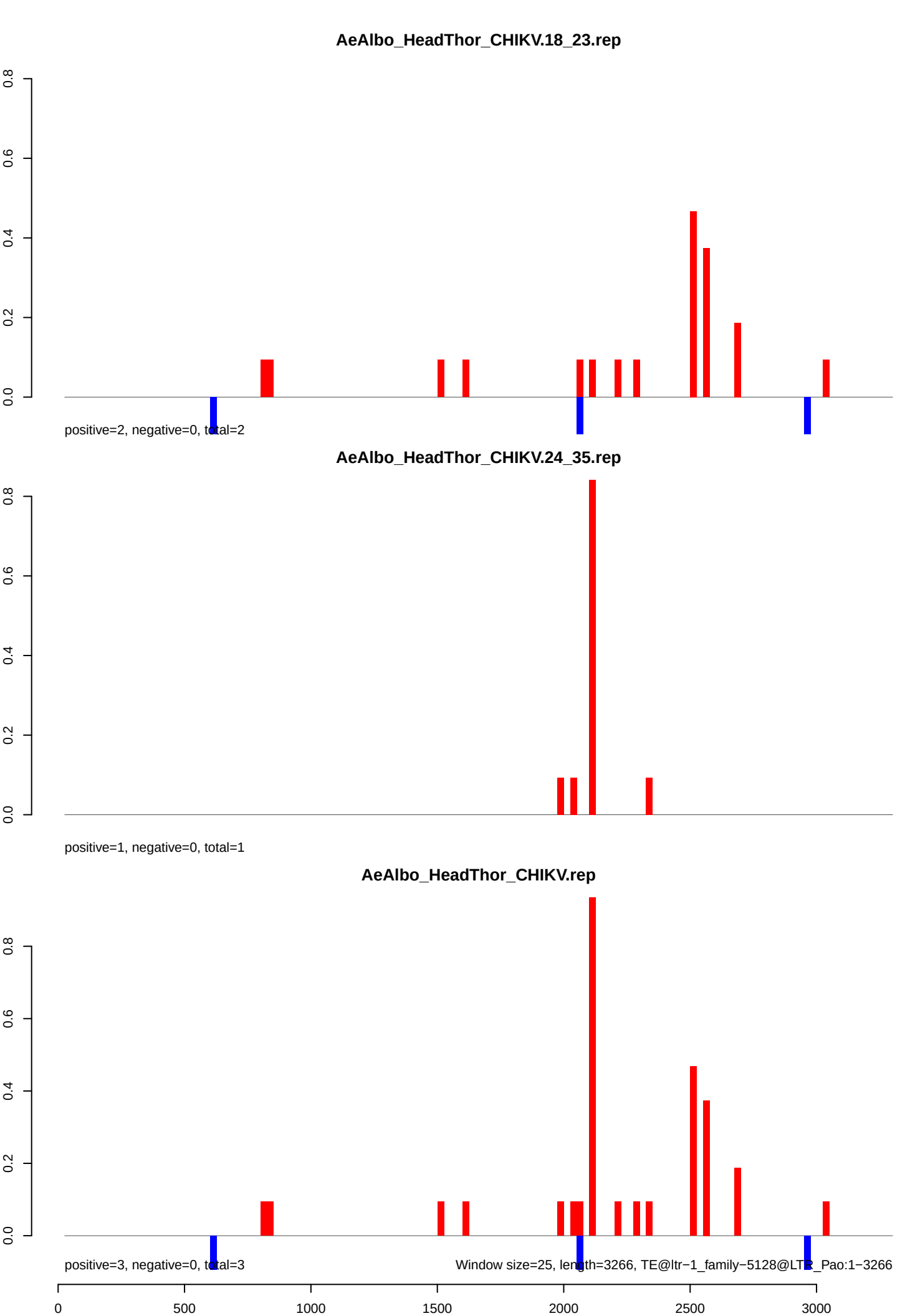

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=22, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=23, total=24
Window size=25, length=2686, TE@ltr−1_family−5450@LTR_Pao:1−2686
0
500
1000
1500
2000
2500

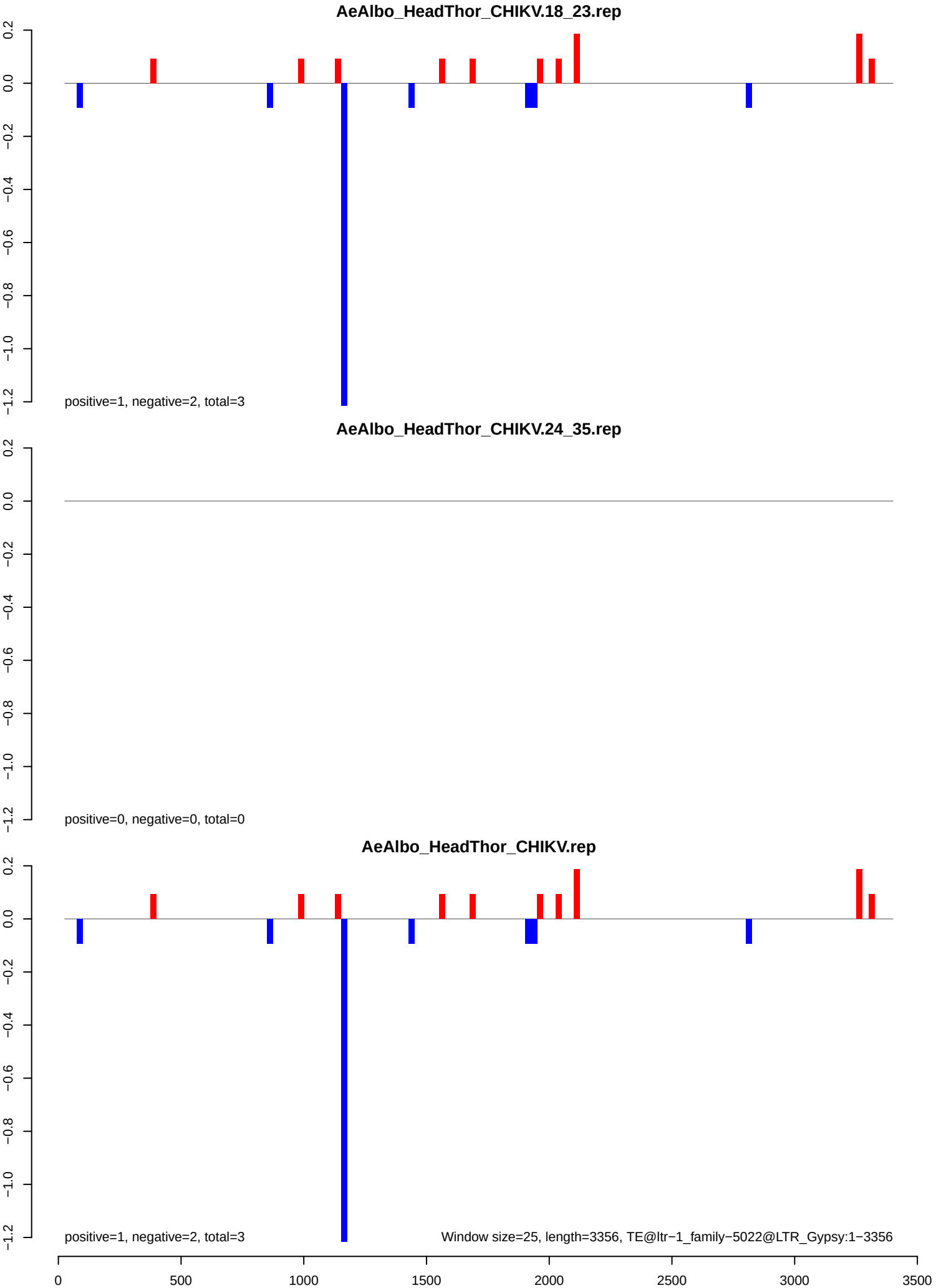

AeAlbo_HeadThor_CHIKV.18_23.rep
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
positive=5, negative=2, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=5, negative=3, total=7
Window size=25, length=4843, TE@ltr−1_family−5340@DNA_MULE−MuDR:1−4843
0
1000
2000
3000
4000
5000

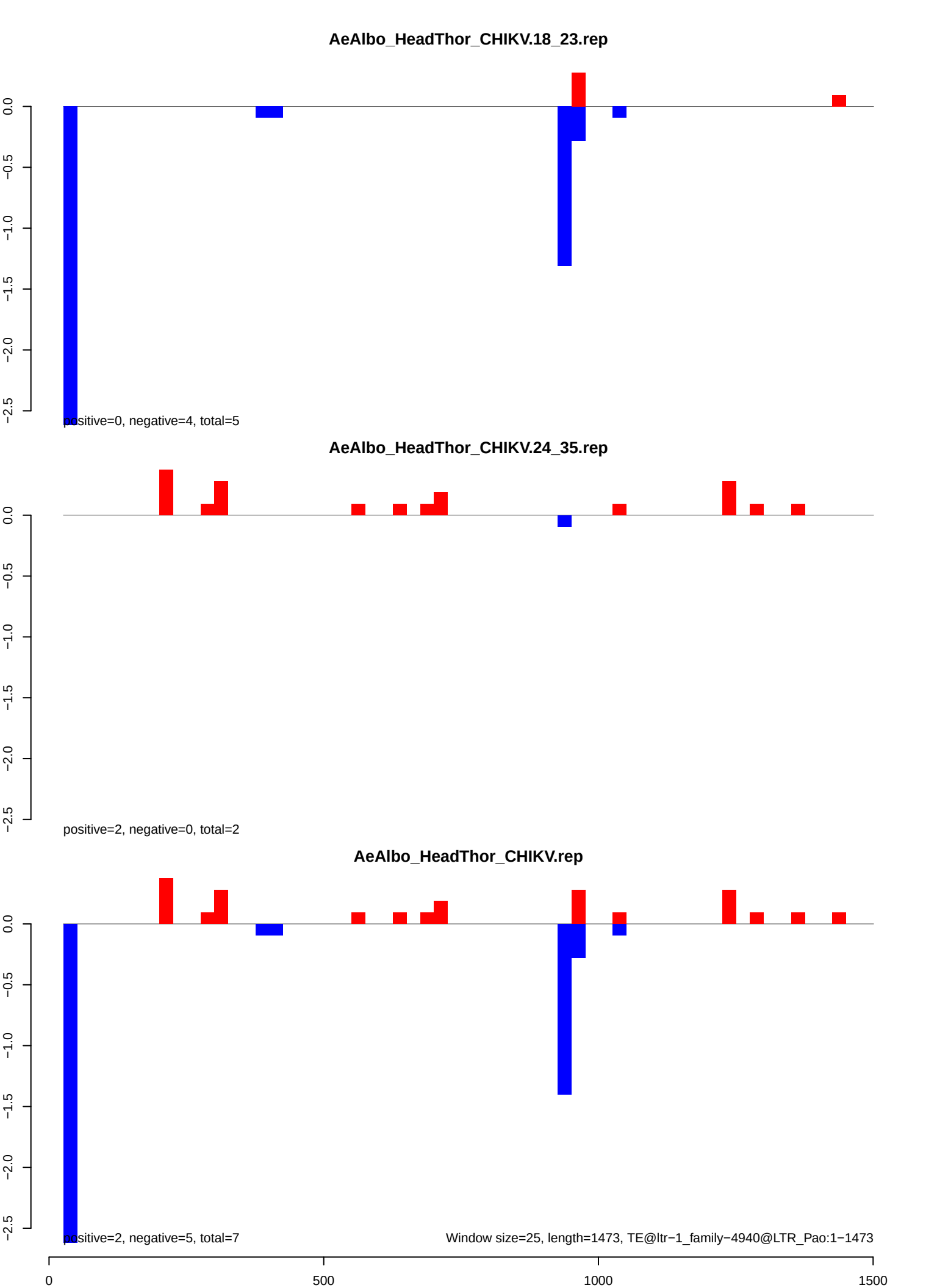

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=2
Window size=25, length=3846, TE@ltr−1_family−5205@Unknown:1−3846
0
1000
2000
3000
4000

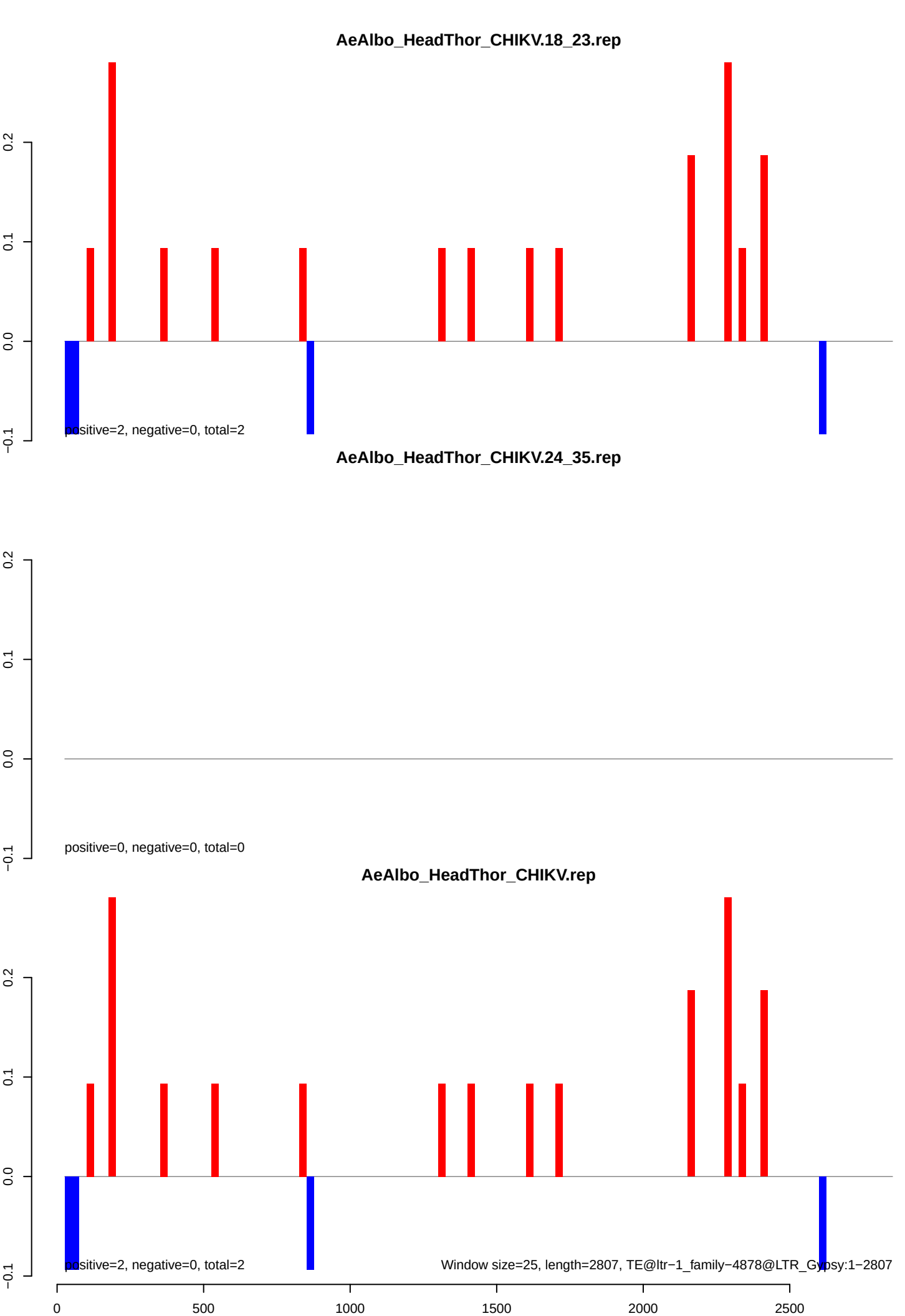

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=2
Window size=25, length=1999, TE@ltr−1_family−5199@Unknown:1−1999
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500
2000

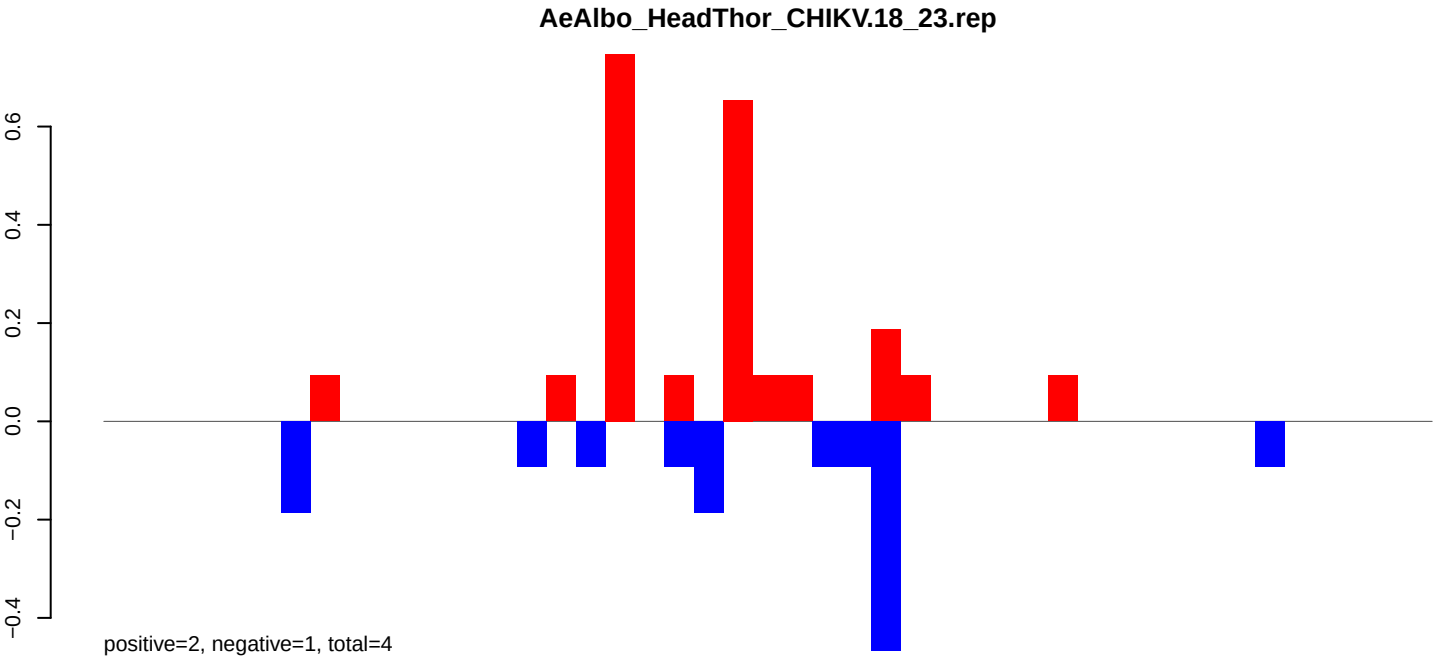

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
Window size=25, length=4069, TE@ltr−1_family−5135@LTR_Gypsy:1−4069
0
1000
2000
3000
4000

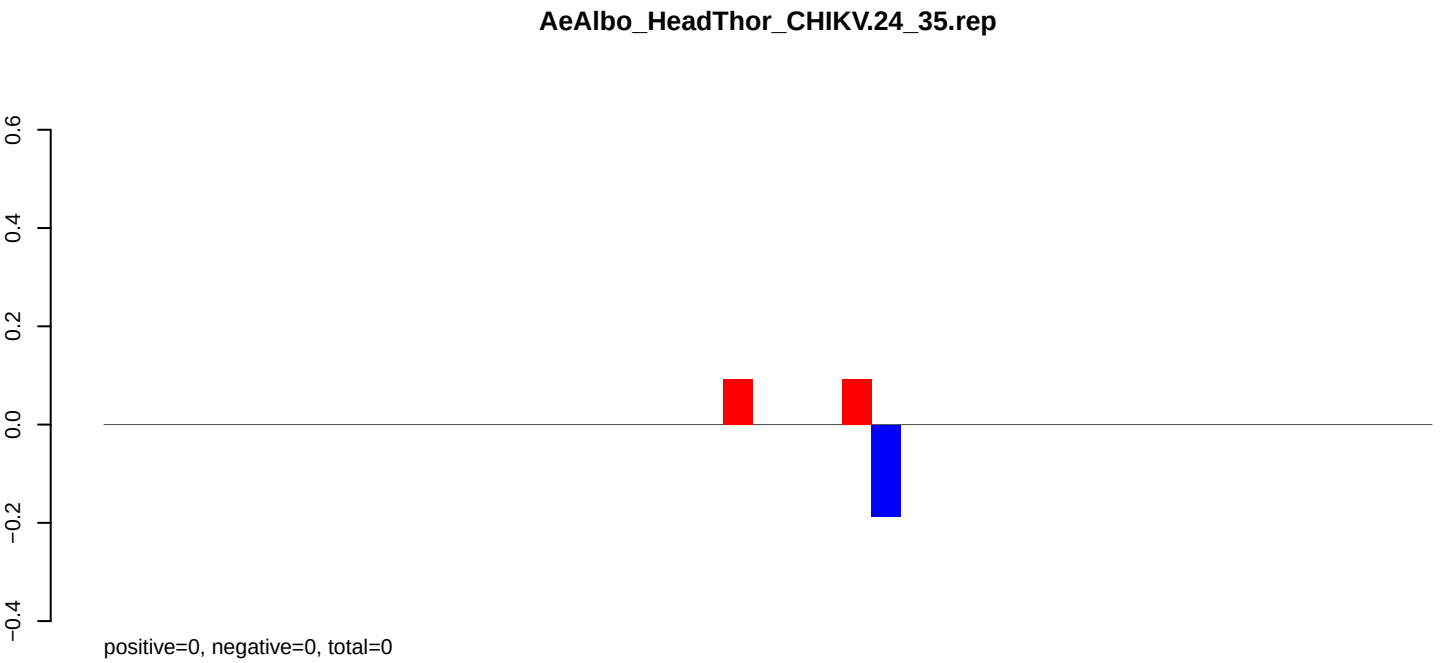

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=3, negative=0, total=3
Window size=25, length=3266, TE@ltr−1_family−5128@LTR_Pao:1−3266
0
500
1000
1500
2000
2500
3000

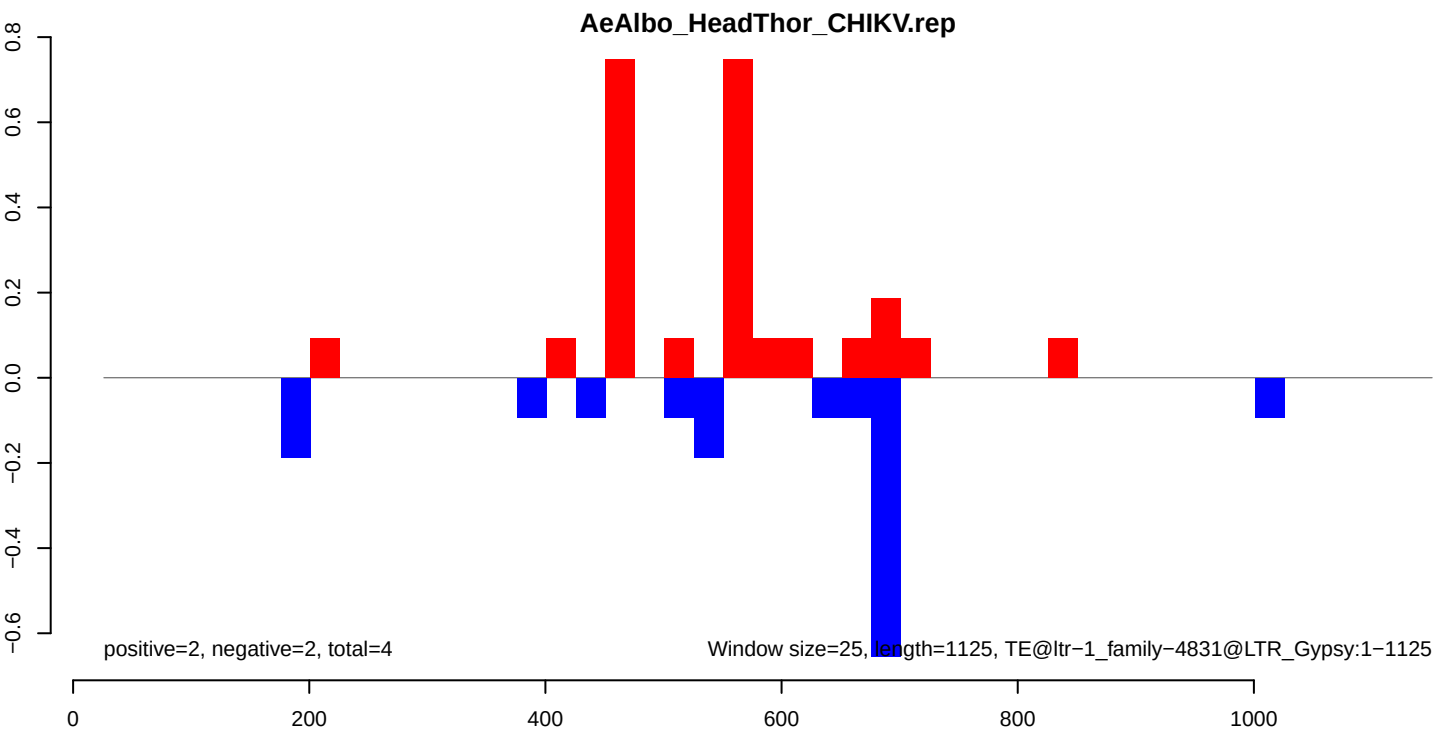

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=3356, TE@ltr−1_family−5022@LTR_Gypsy:1−3356
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
0
500
1000
1500
2000
2500
3000
3500

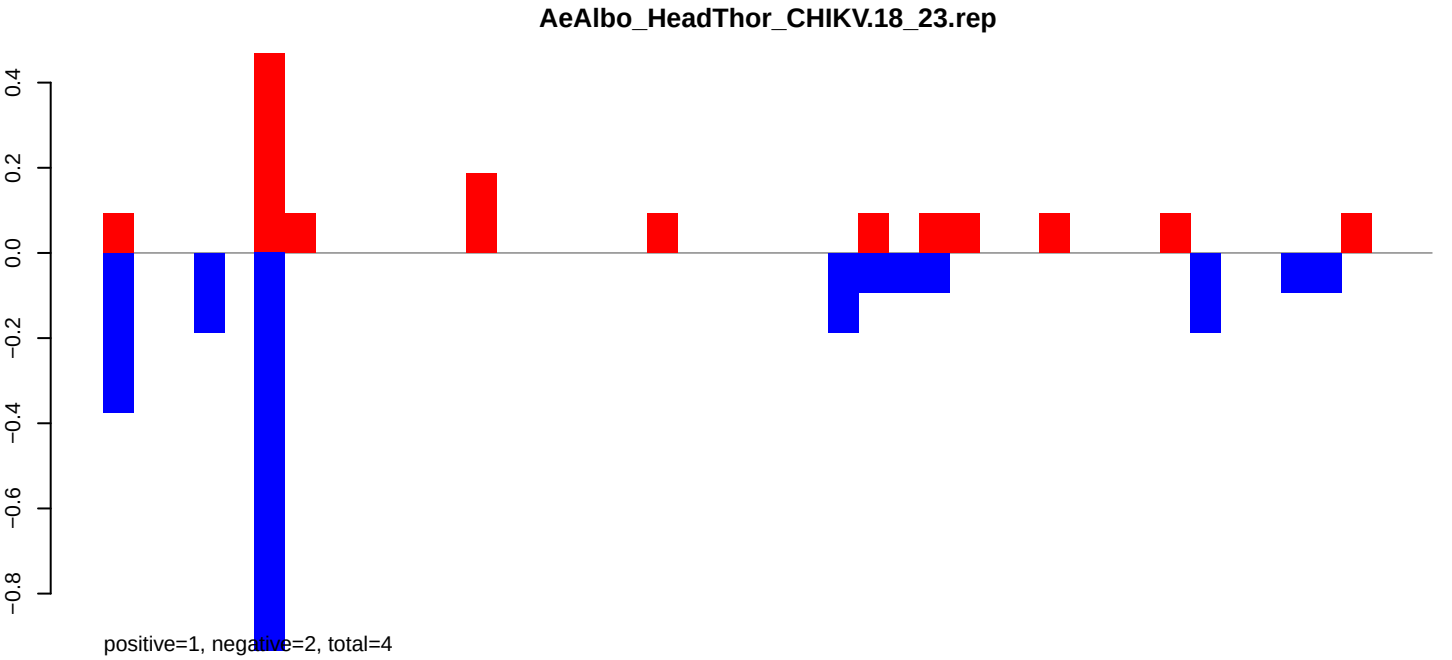

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=4, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=5, total=7
Window size=25, length=1473, TE@ltr−1_family−4940@LTR_Pao:1−1473
0
500
1000
1500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
Window size=25, length=2807, TE@ltr−1_family−4878@LTR_Gypsy:1−2807
0
500
1000
1500
2000
2500

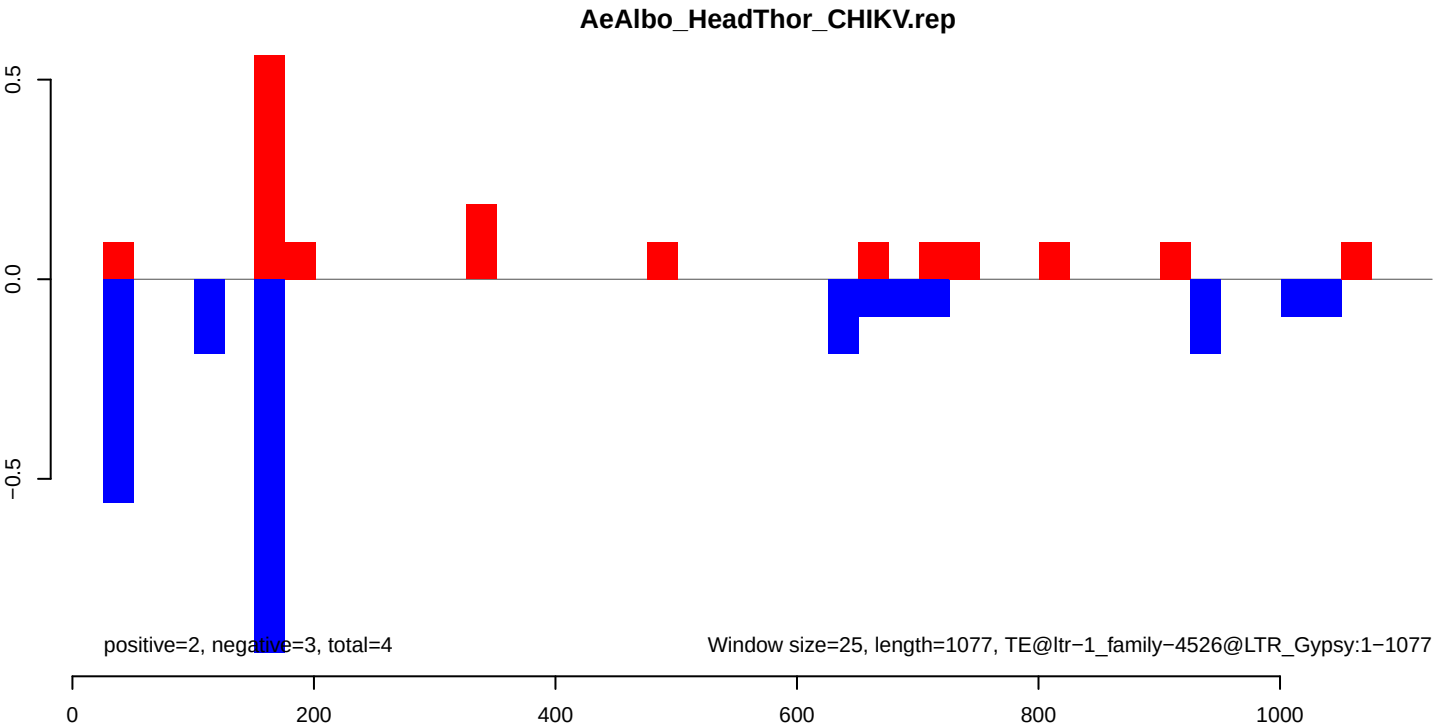

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=4

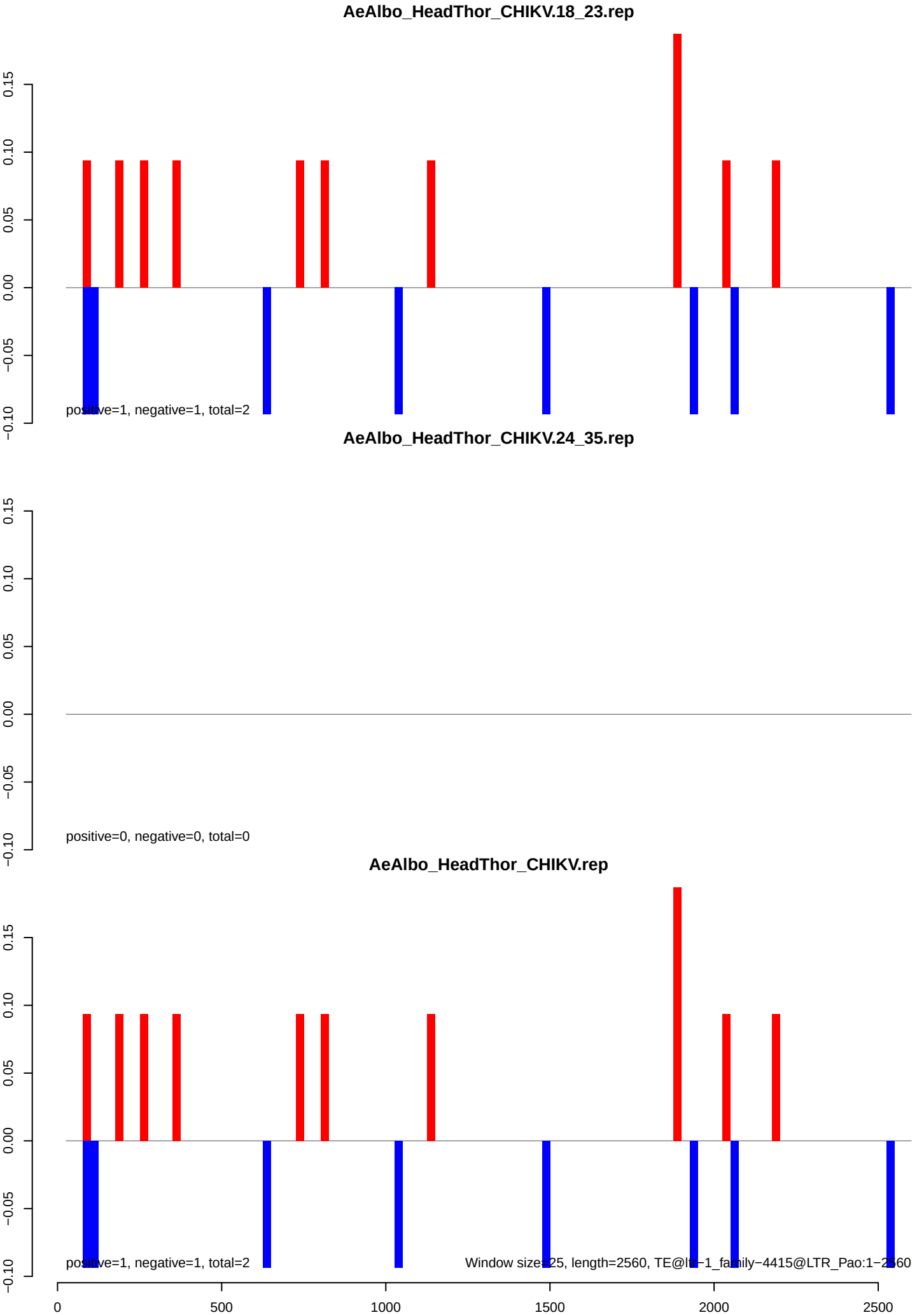

AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=2, total=4
Window size=25, length=1125, TE@ltr−1_family−4831@LTR_Gypsy:1−1125
0
200
400
600
800
1000

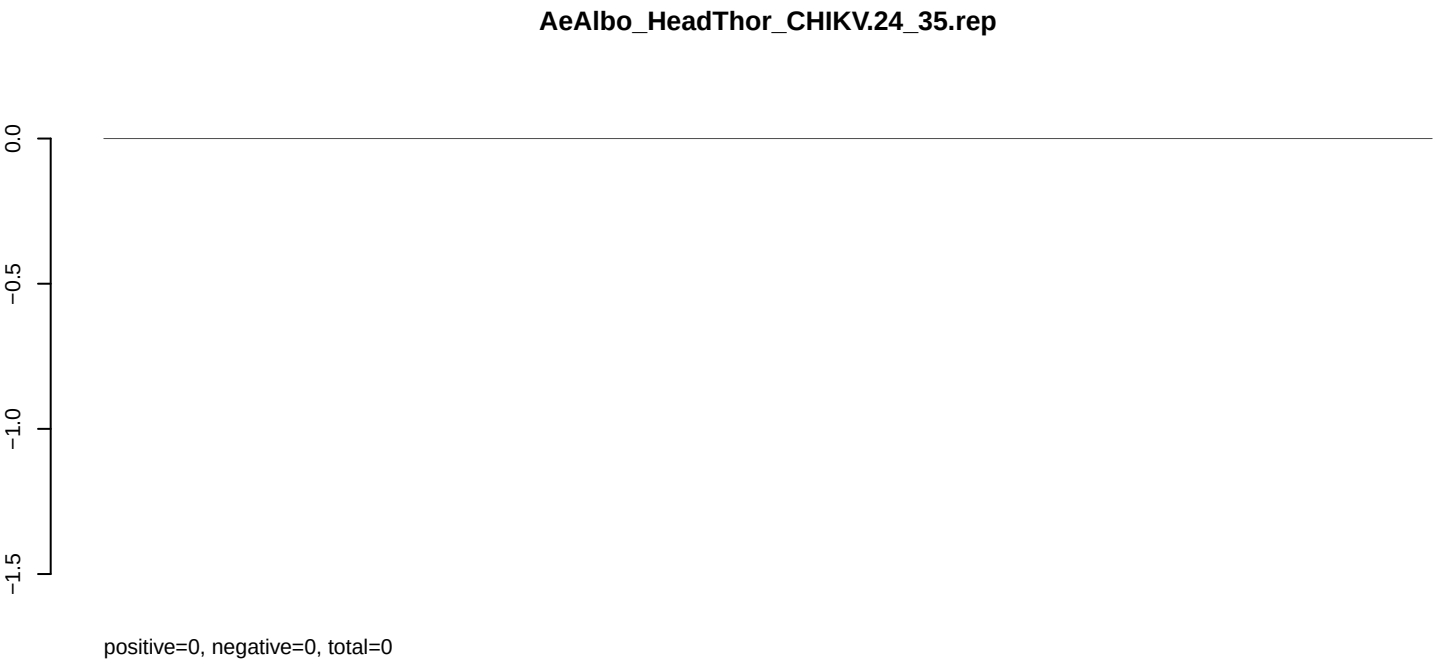

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=4

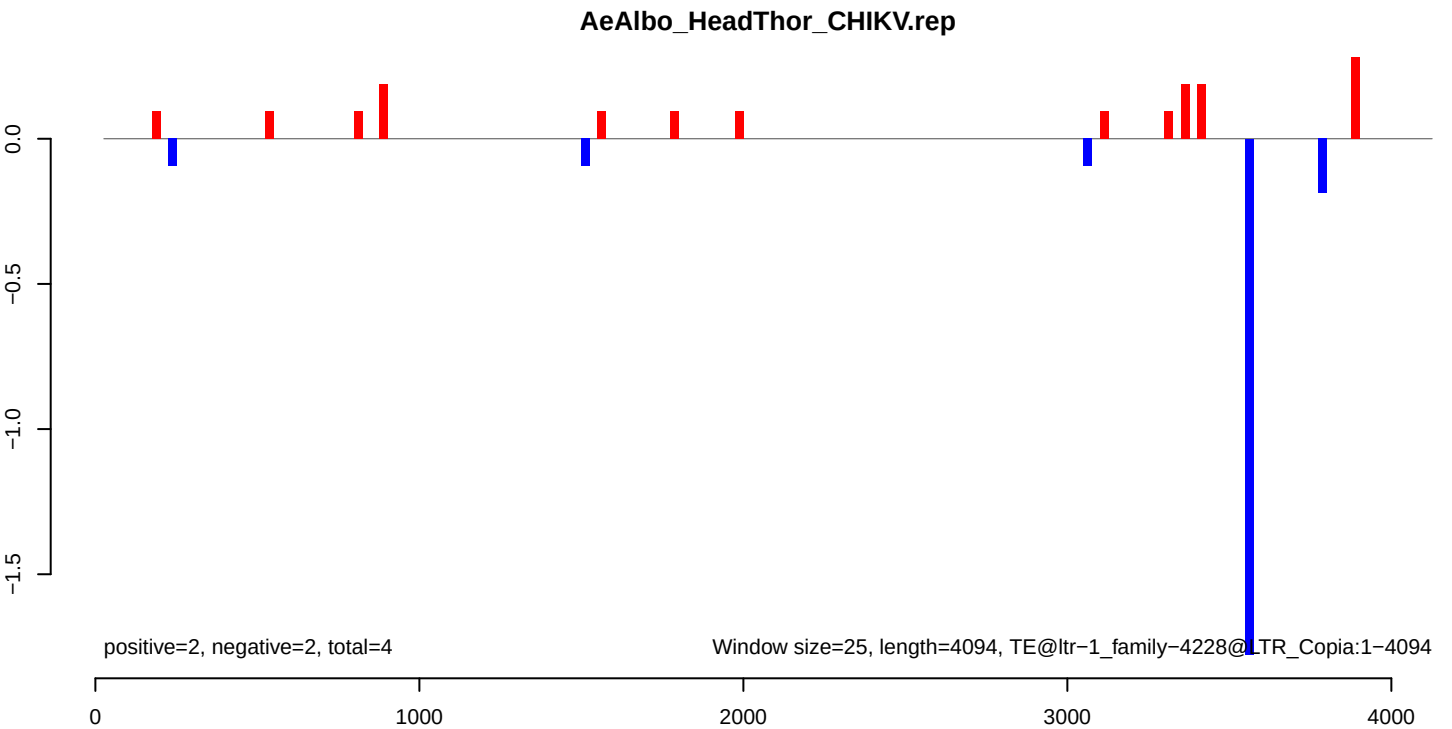
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0

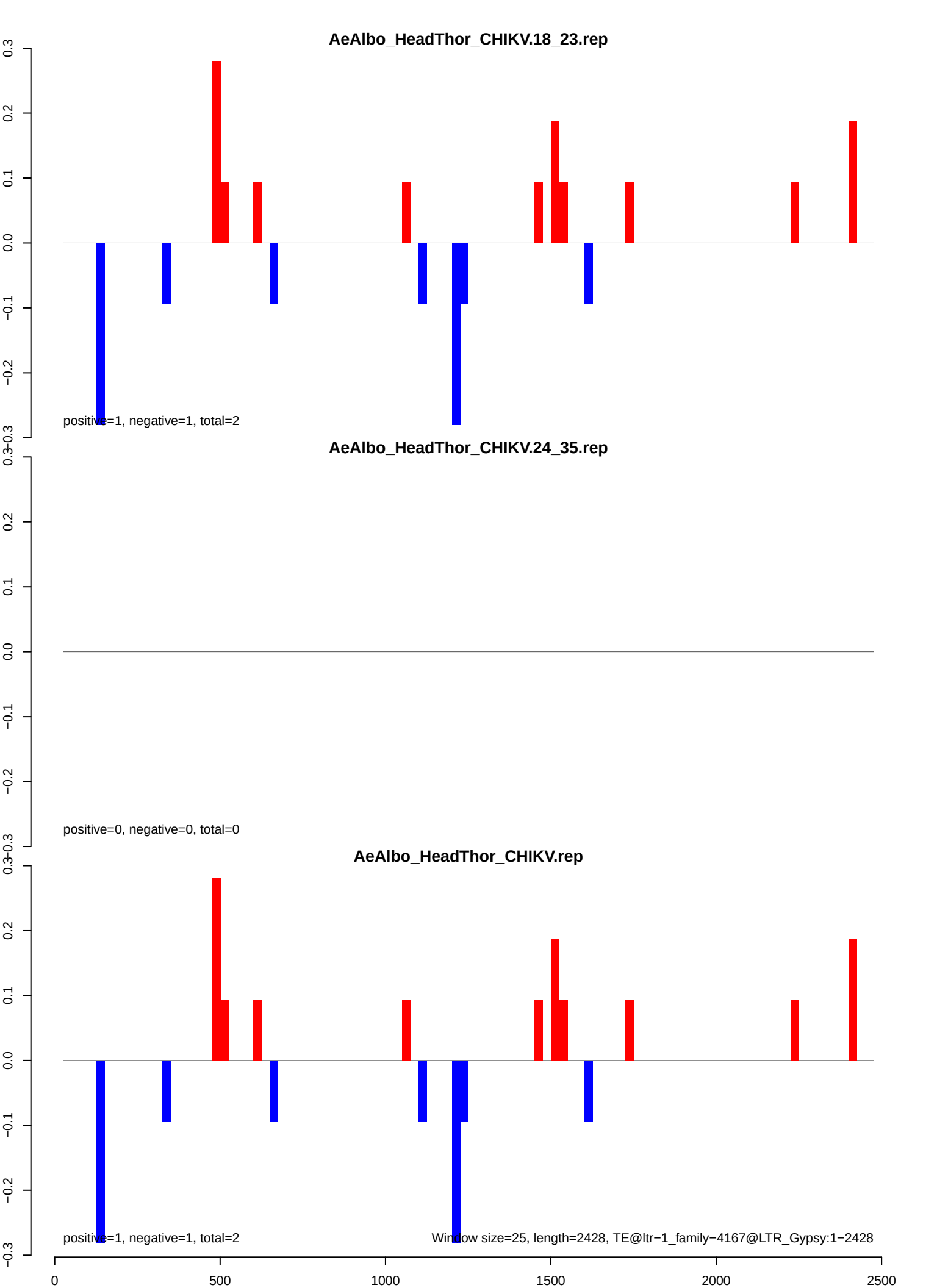

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=2, negative=3, total=4
Window size=25, length=1077, TE@ltr−1_family−4526@LTR_Gypsy:1−1077
0
200
400
600
800
1000

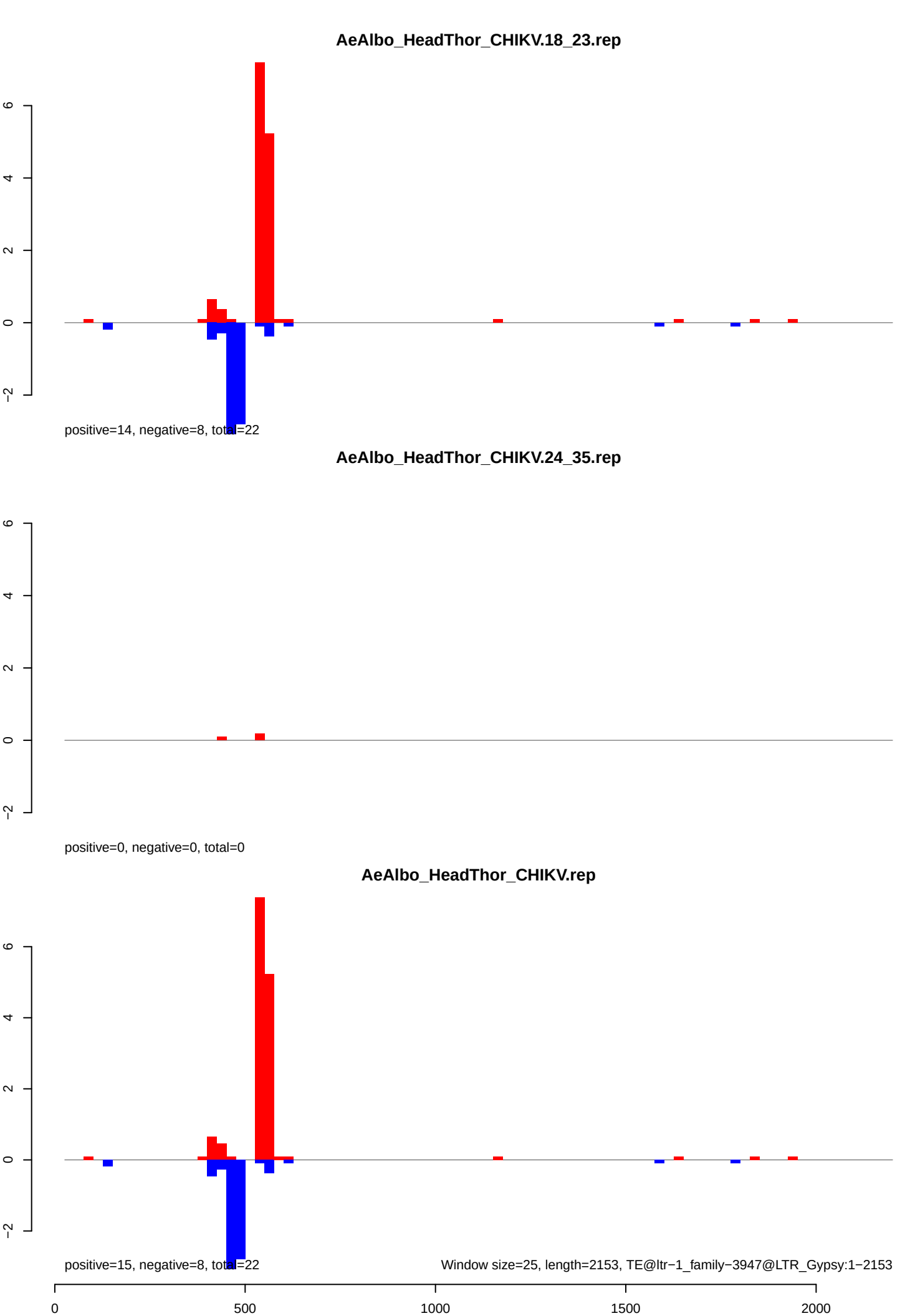

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=2
Window size=25, length=2560, TE@ltr−1_family−4415@LTR_Pao:1−2560
0
500
1000
1500
2000
2500

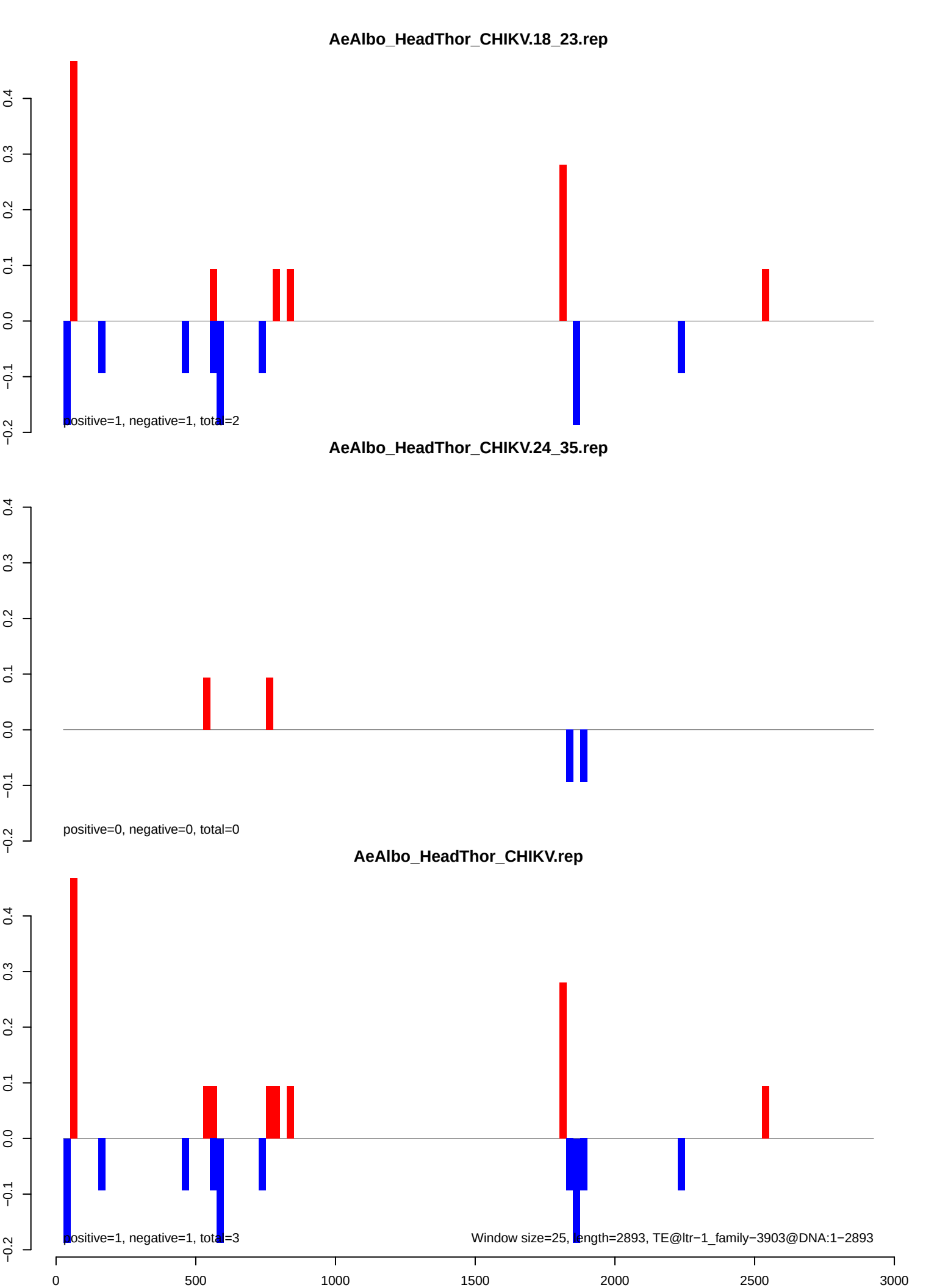
AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=4

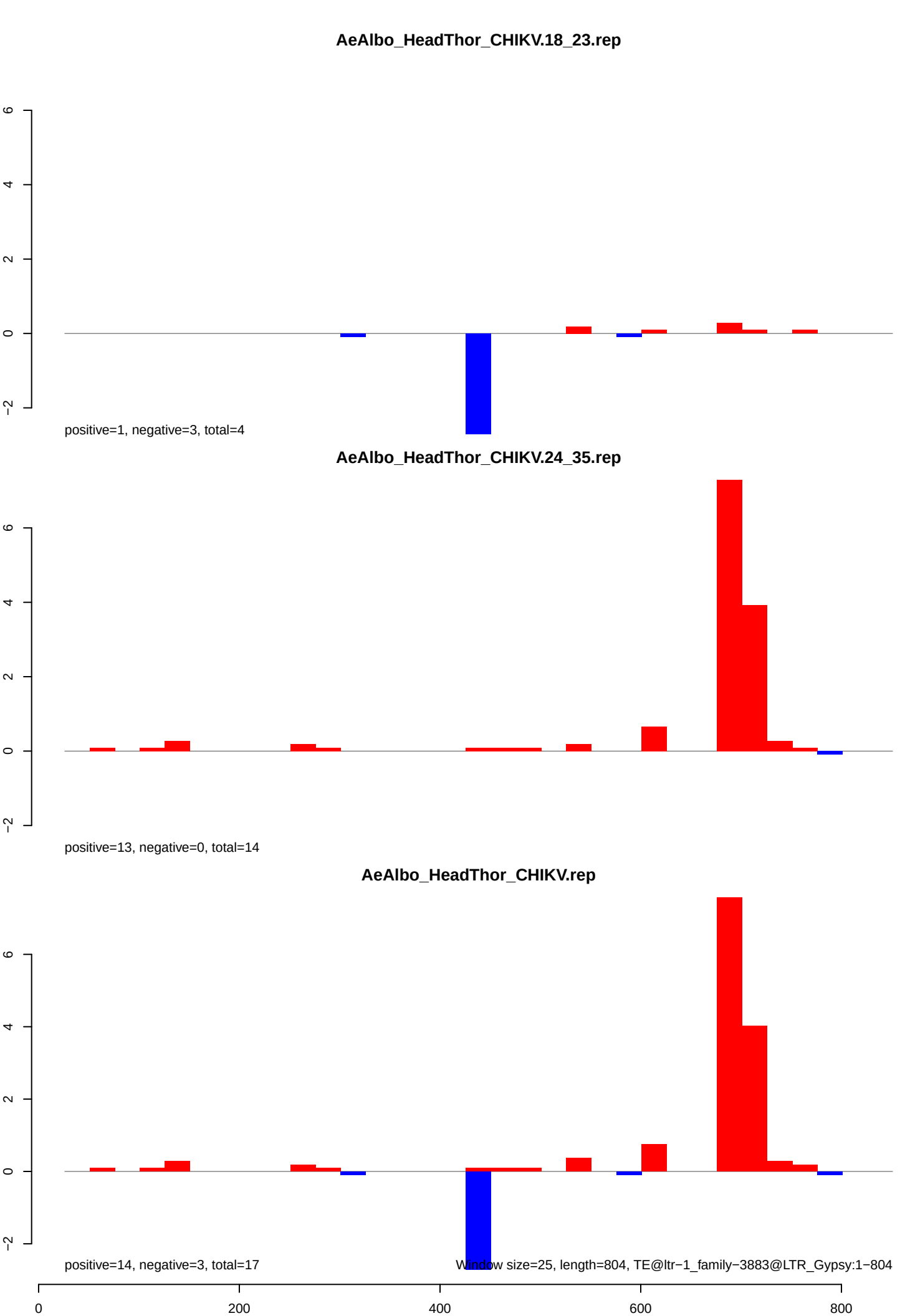

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

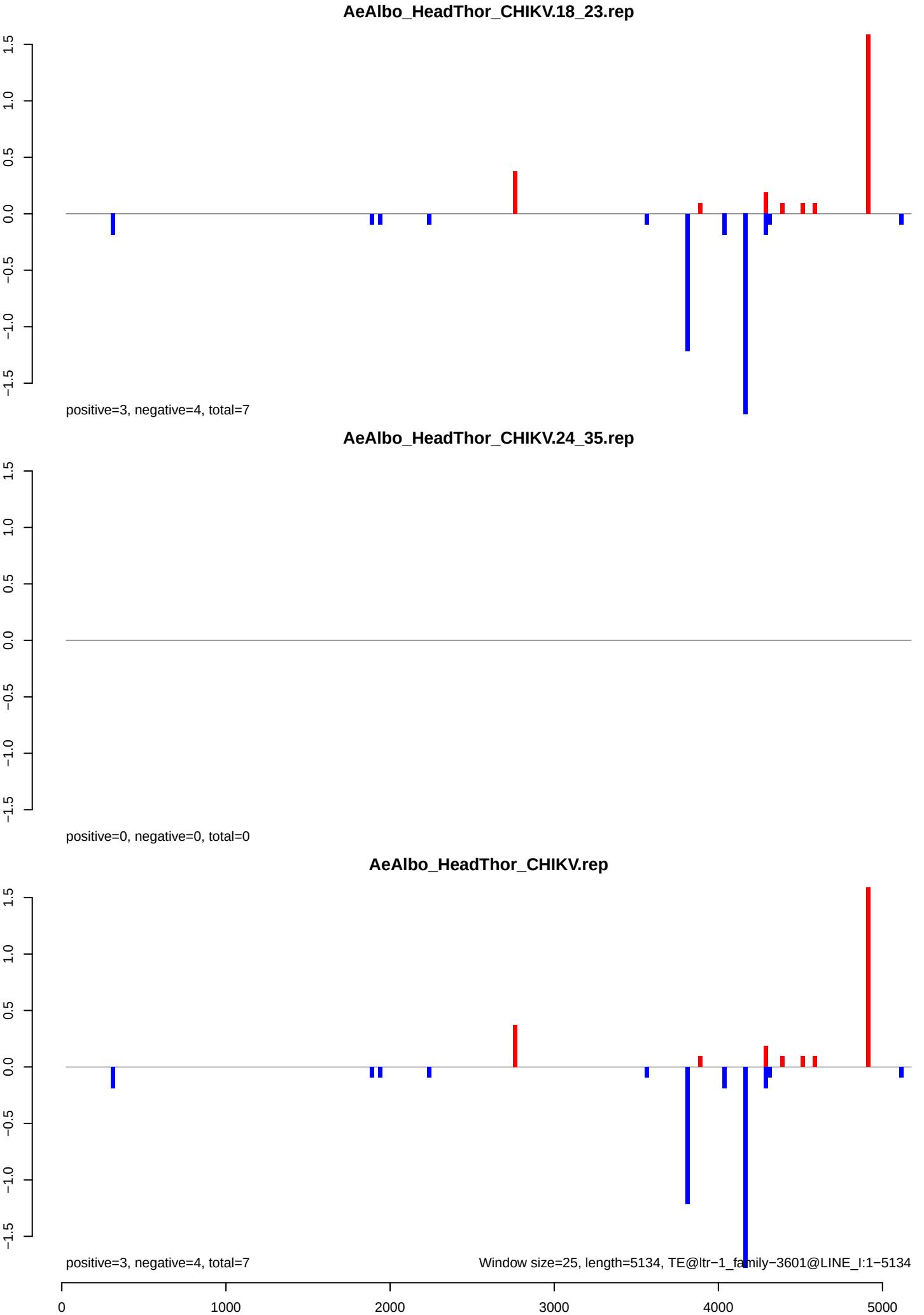

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=4
Window size=25, length=4094, TE@ltr−1_family−4228@LTR_Copia:1−4094
0
1000
2000
3000
4000

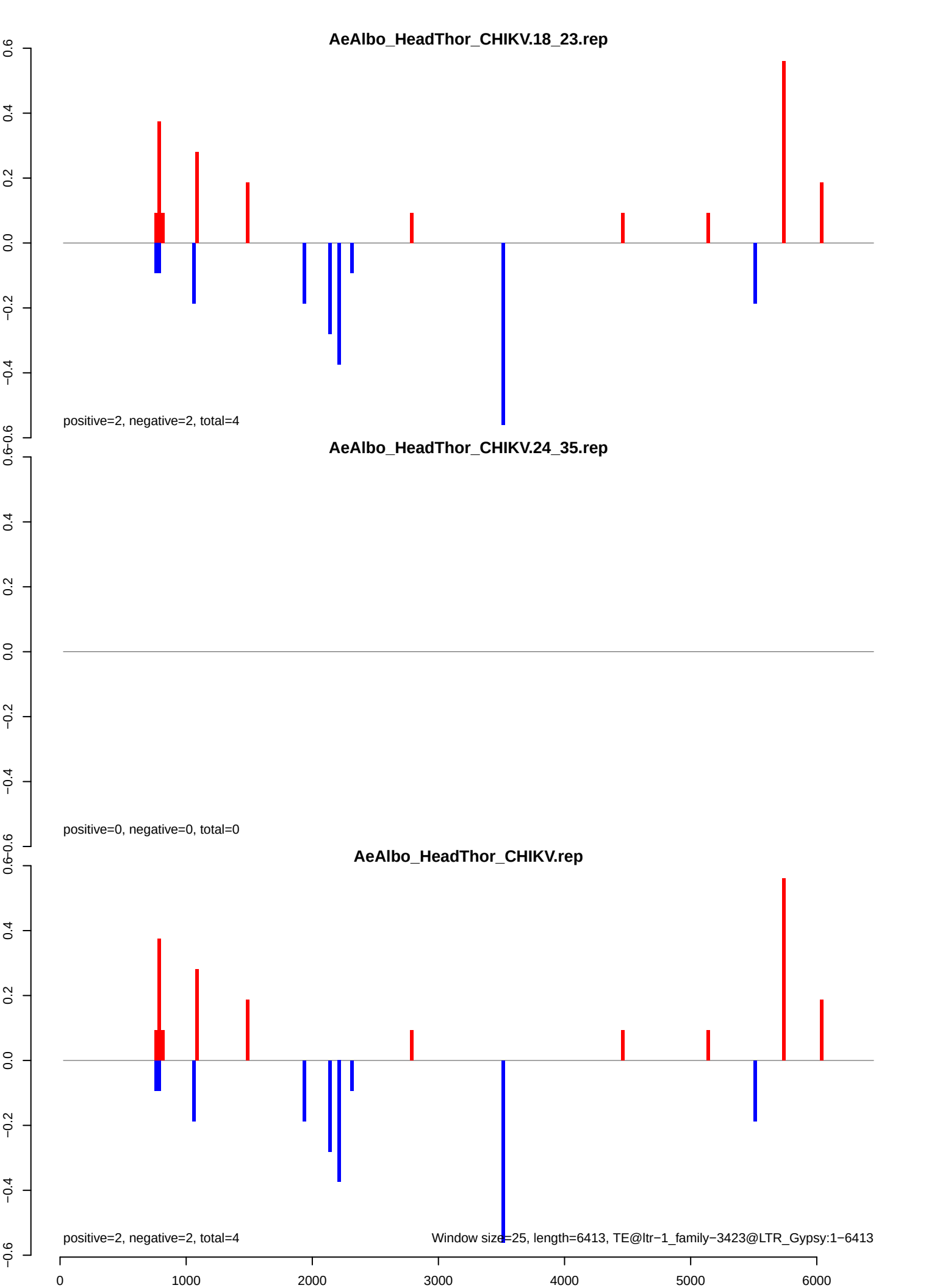

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2428, TE@ltr−1_family−4167@LTR_Gypsy:1−2428
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500
2000
2500

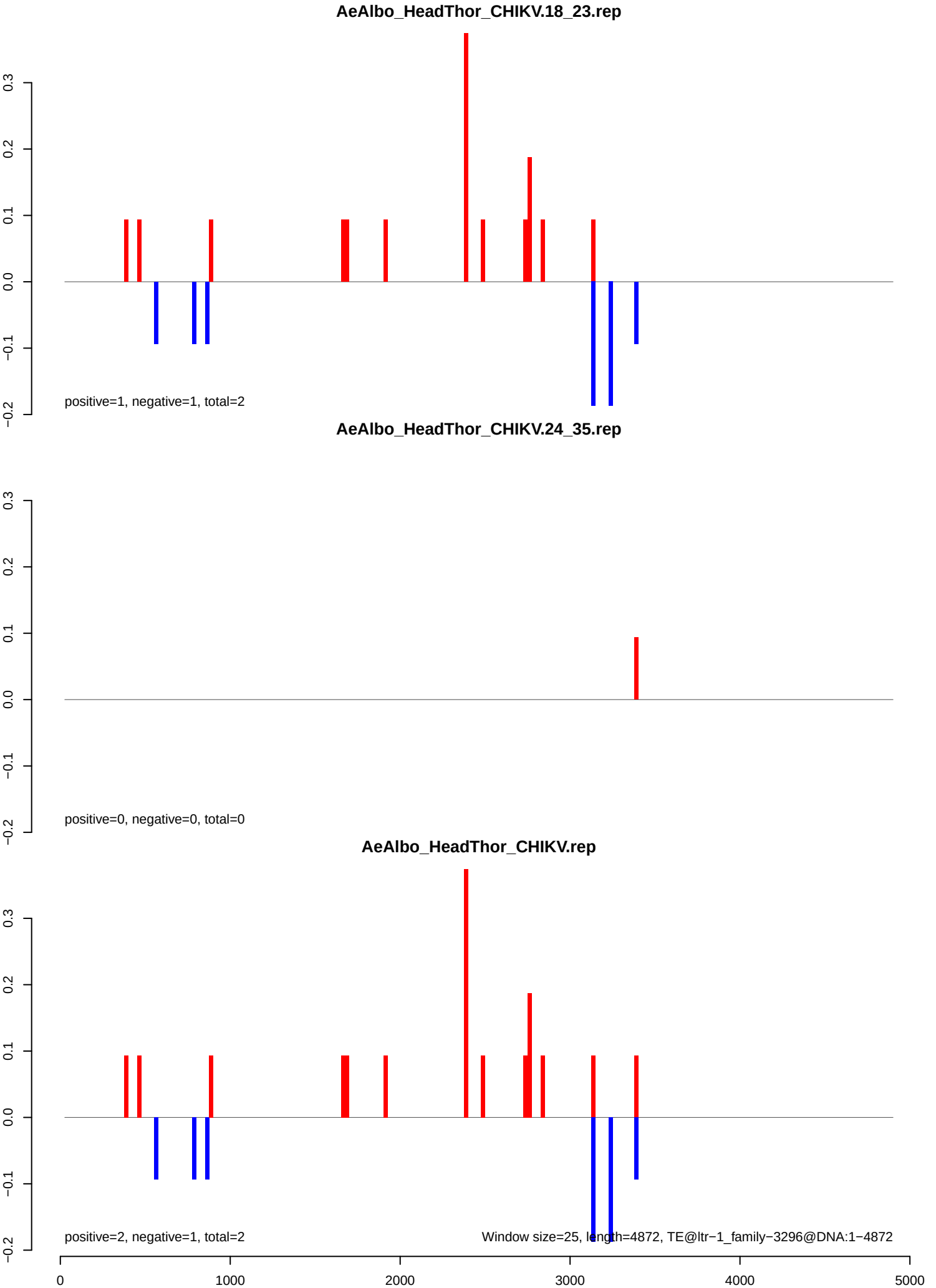

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
positive=14, negative=8, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=15, negative=8, total=22
Window size=25, length=2153, TE@ltr−1_family−3947@LTR_Gypsy:1−2153
0
500
1000
1500
2000

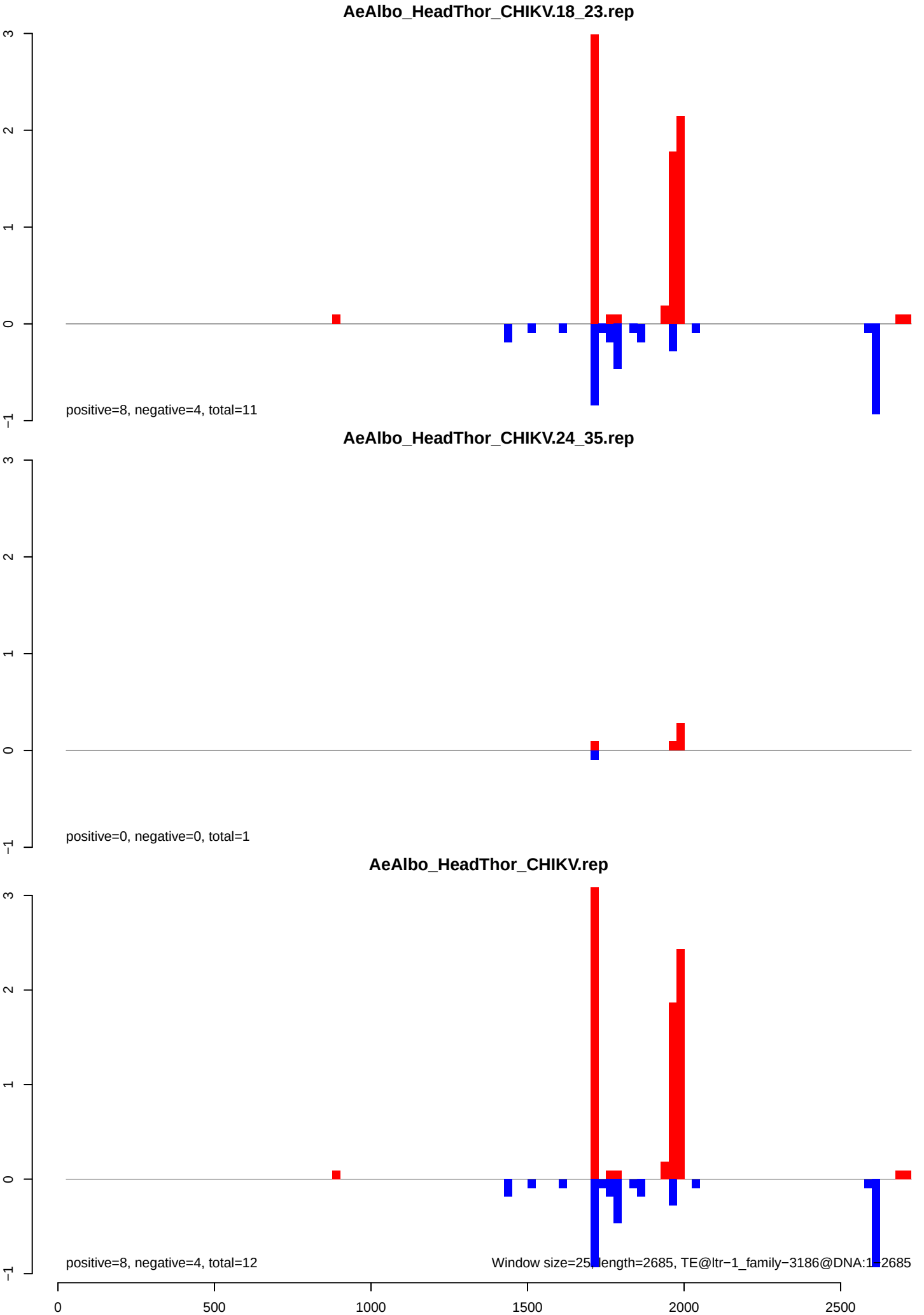

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=3
Window size=25, length=2893, TE@ltr−1_family−3903@DNA:1−2893
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500
3000

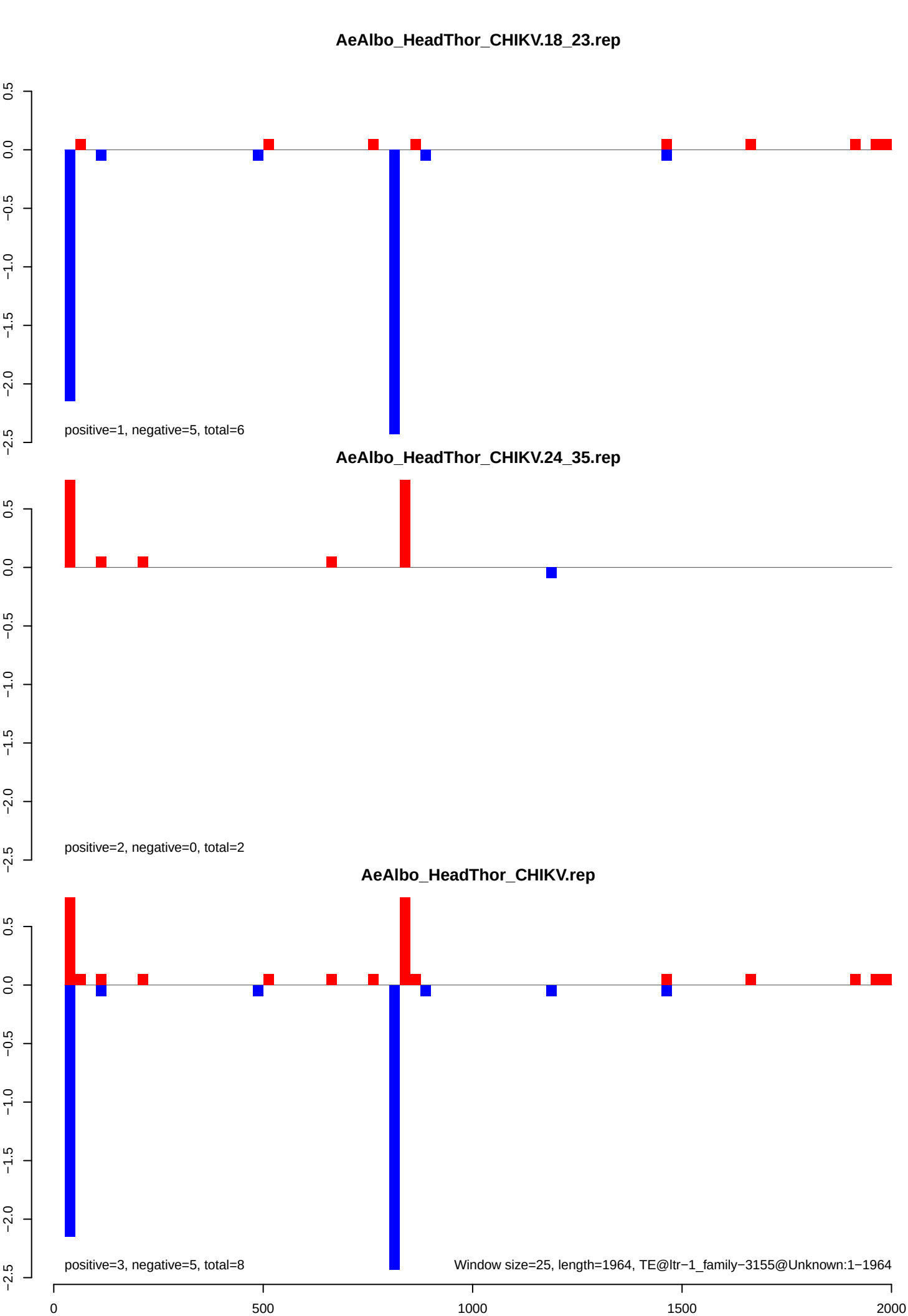

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
positive=13, negative=0, total=14
AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=14, negative=3, total=17
Window size=25, length=804, TE@ltr−1_family−3883@LTR_Gypsy:1−804
0
200
400
600
800

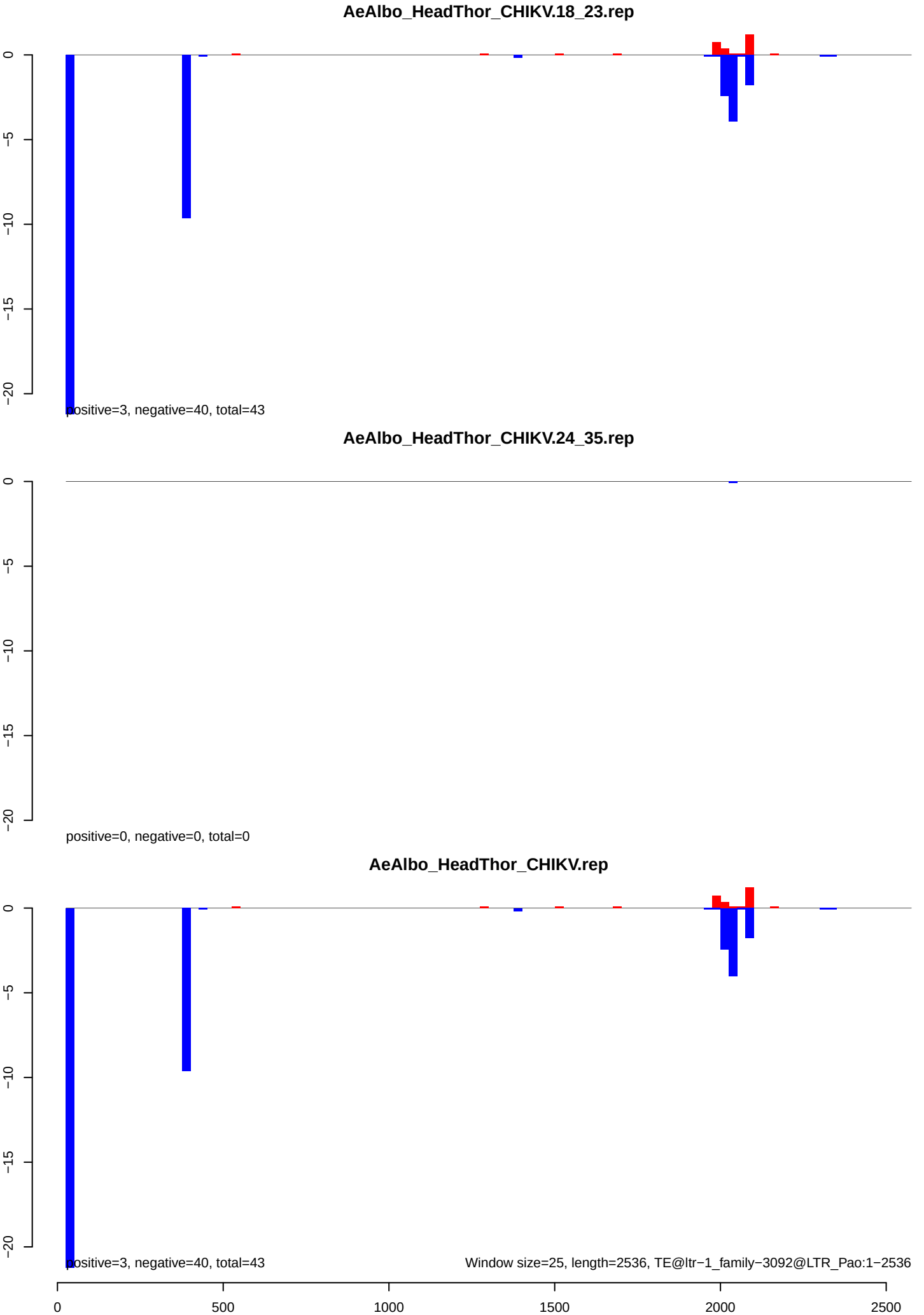

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=4, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=4, total=7
Window size=25, length=5134, TE@ltr−1_family−3601@LINE_I:1−5134
0
1000
2000
3000
4000
5000

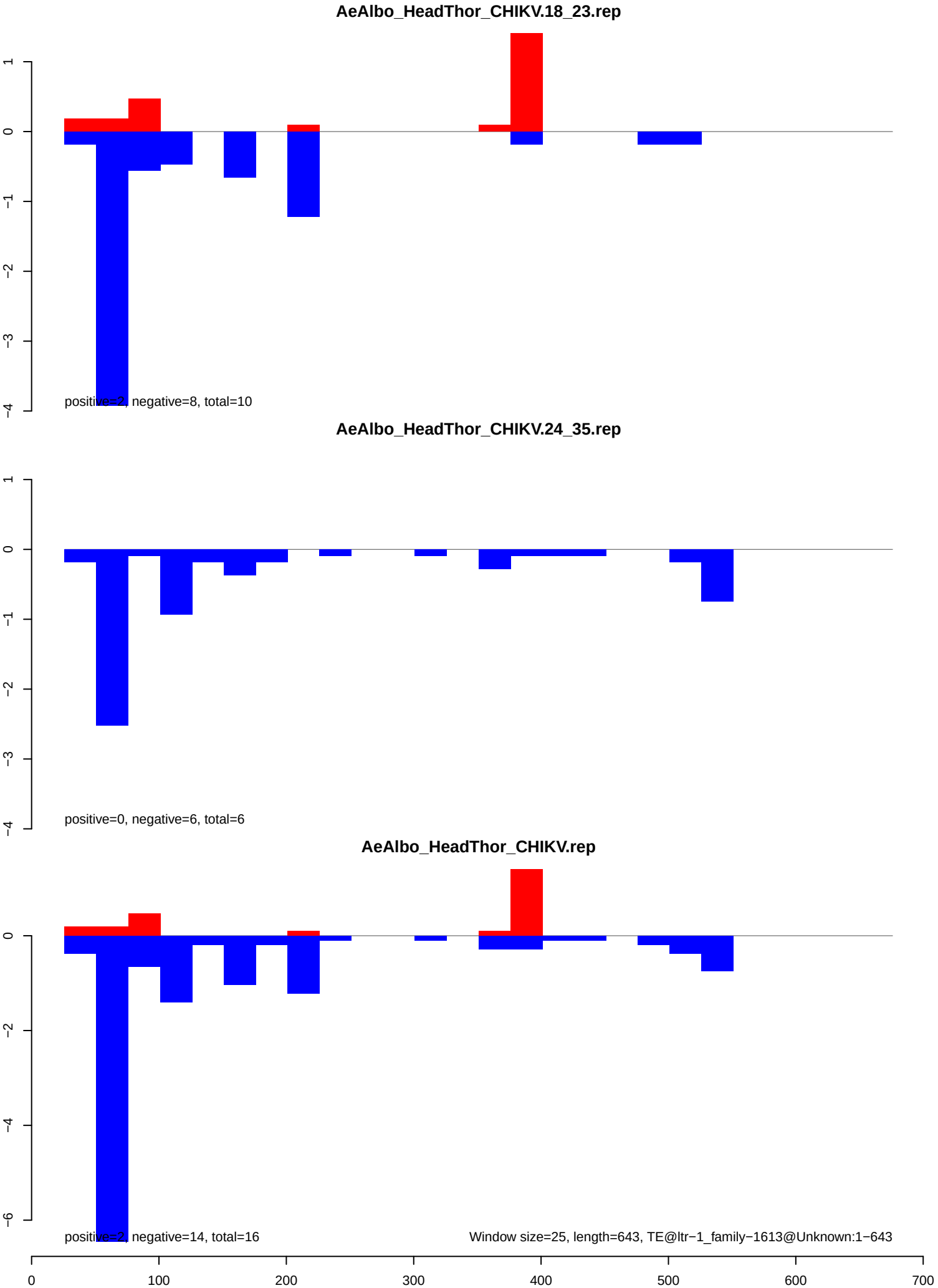

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=6413, TE@ltr−1_family−3423@LTR_Gypsy:1−6413
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000
5000
6000

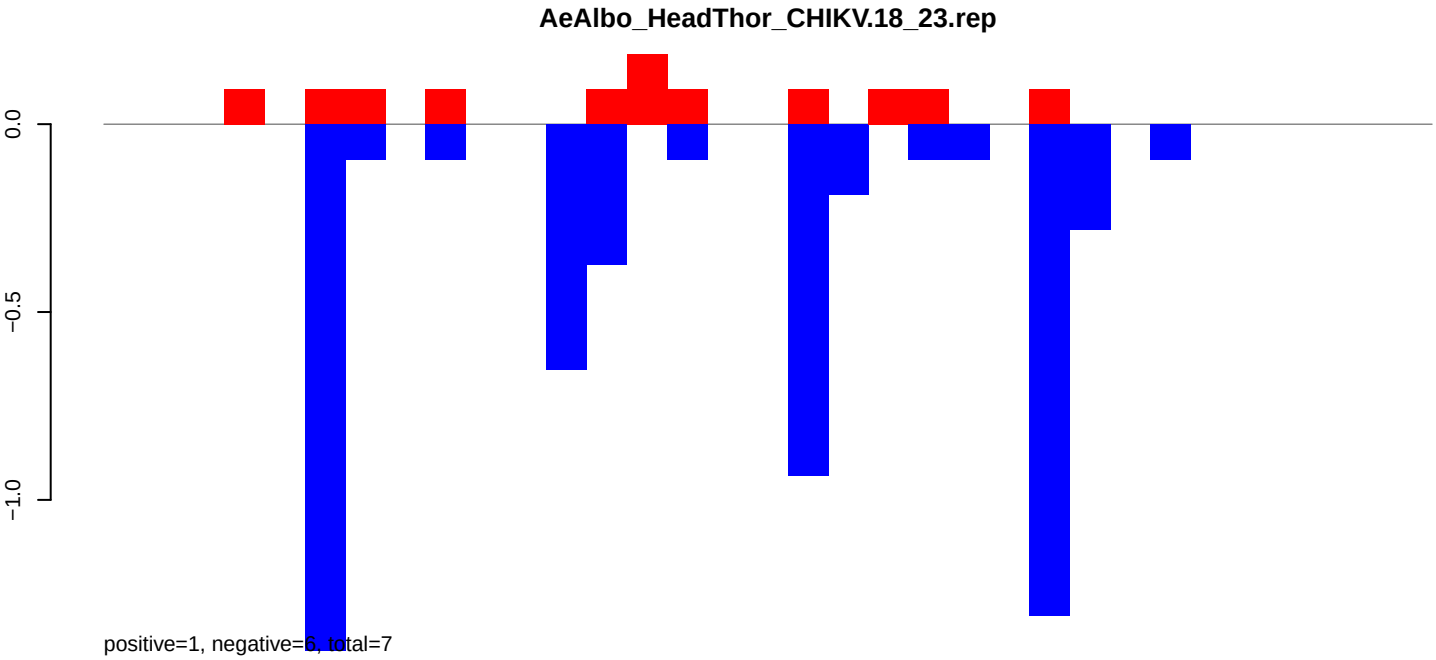

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=2
Window size=25, length=4872, TE@ltr−1_family−3296@DNA:1−4872
0.3
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000
5000

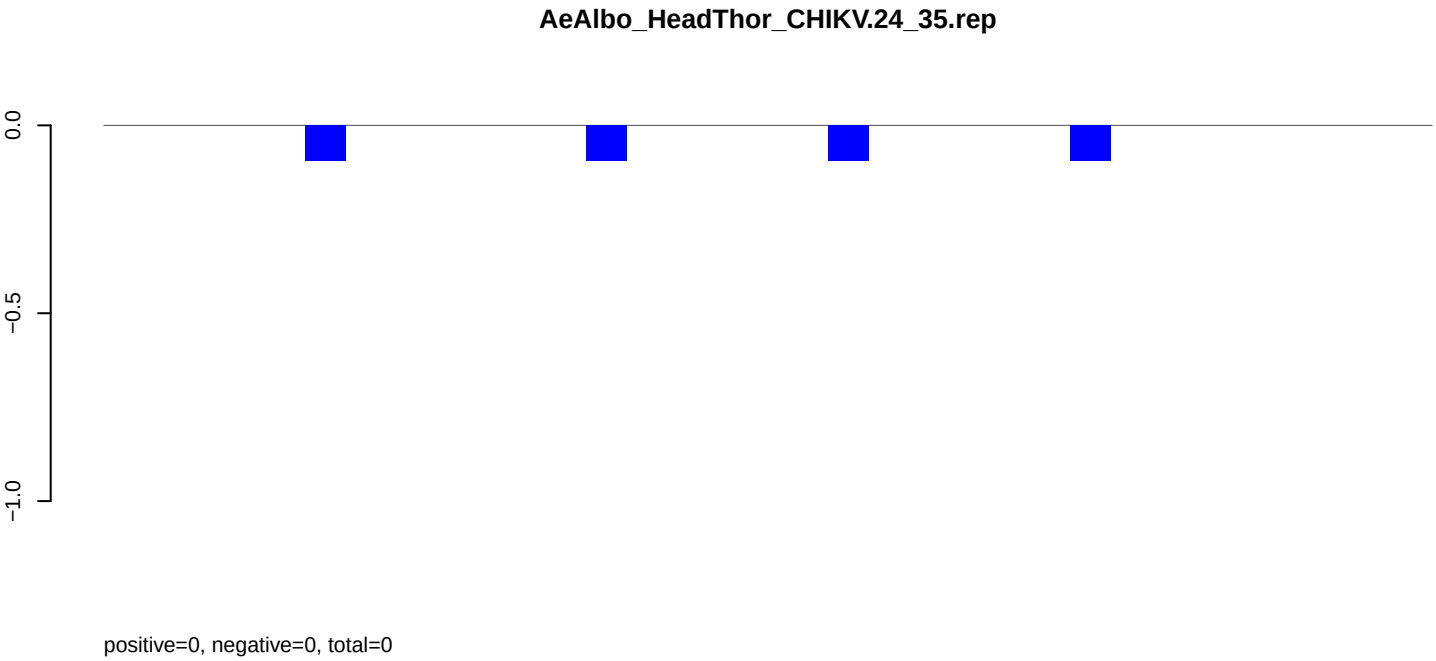

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=4, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=4, total=12
Window size=25, length=2685, TE@ltr−1_family−3186@DNA:1−2685
3
2
1
0
−1
0
500
1000
1500
2000
2500

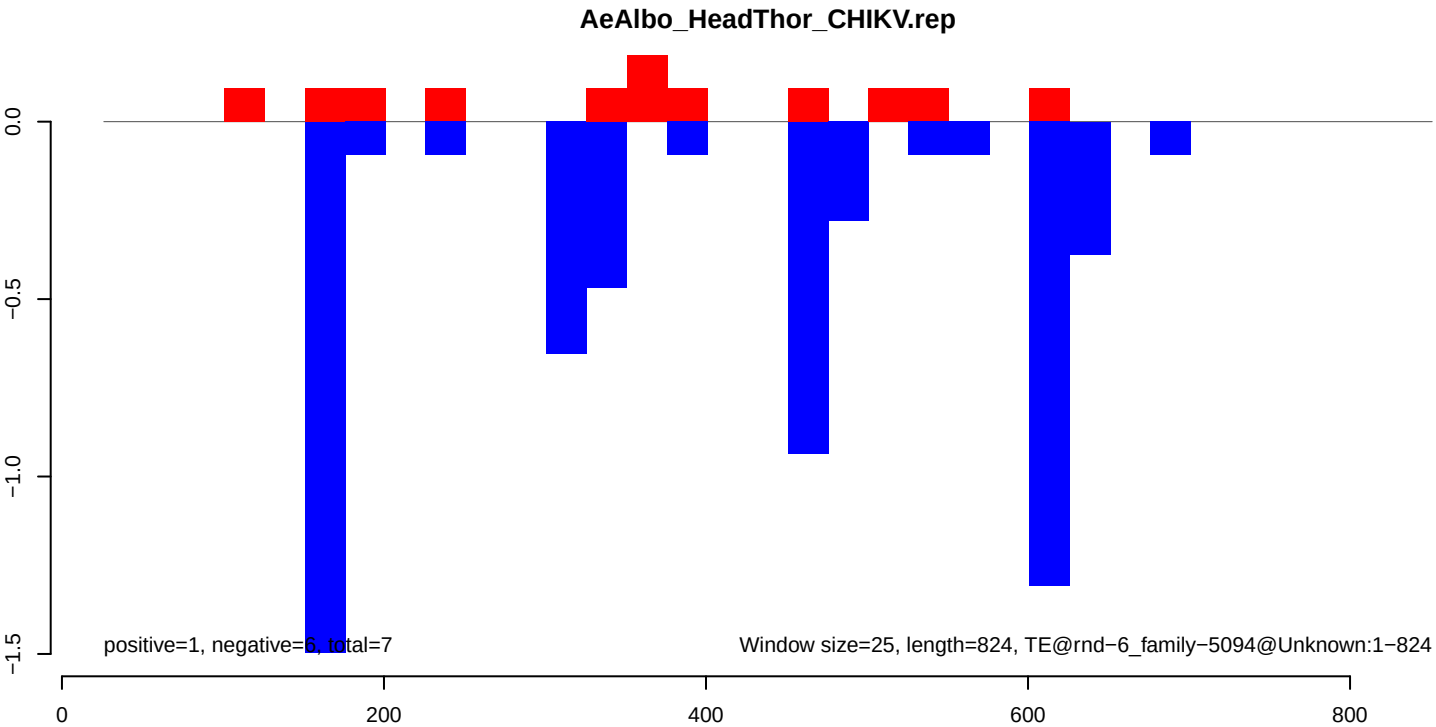

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=5, total=8
Window size=25, length=1964, TE@ltr−1_family−3155@Unknown:1−1964
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
0
500
1000
1500
2000

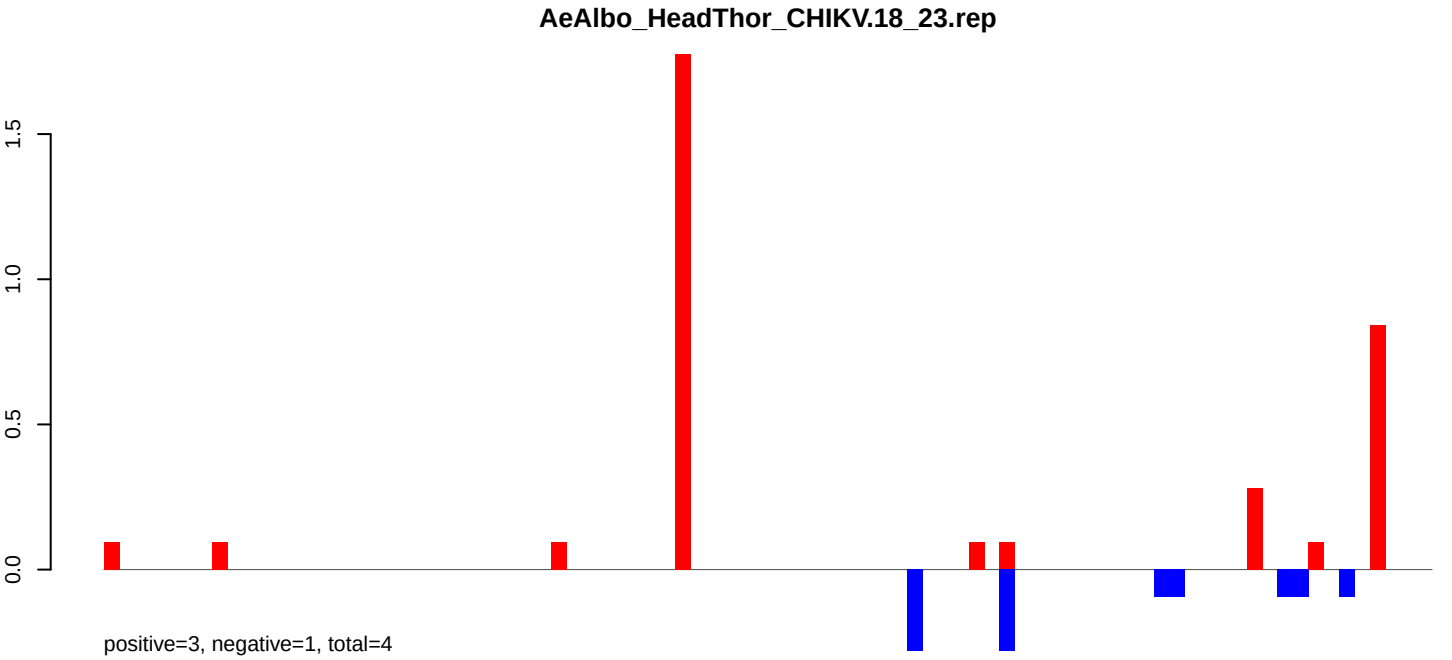

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=40, total=43
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=40, total=43
Window size=25, length=2536, TE@ltr−1_family−3092@LTR_Pao:1−2536
0
500
1000
1500
2000
2500

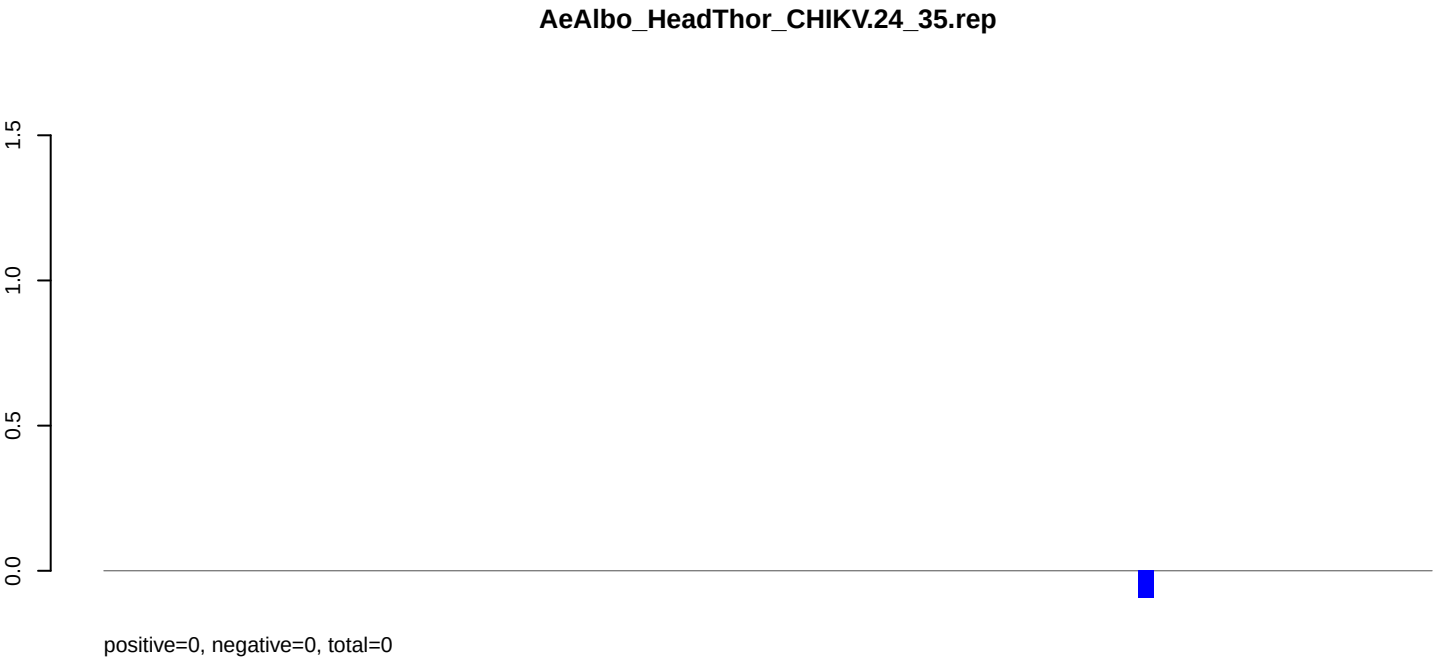

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=8, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=6, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=14, total=16
Window size=25, length=643, TE@ltr−1_family−1613@Unknown:1−643
0
100
200
300
400
500
600
700

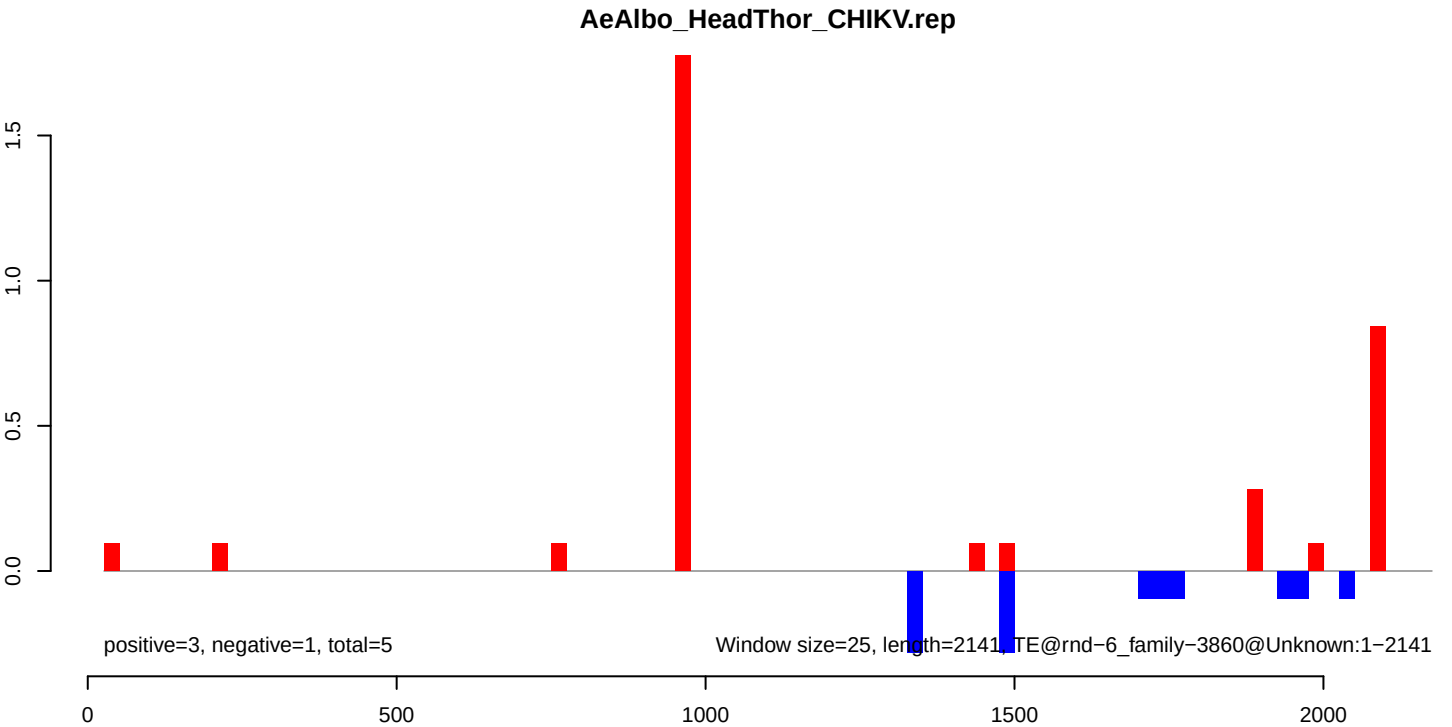

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=1, negative=6, total=7

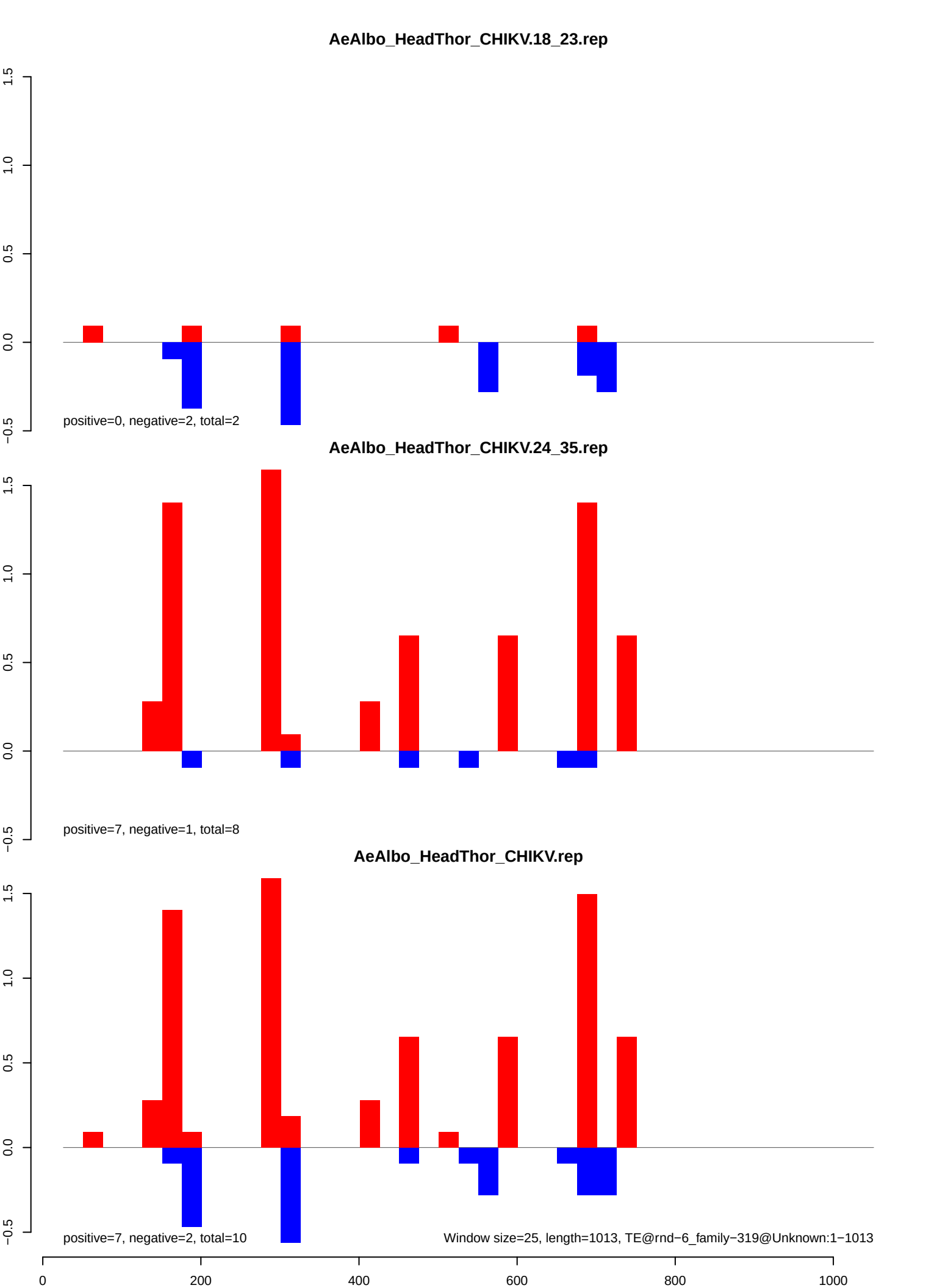

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0

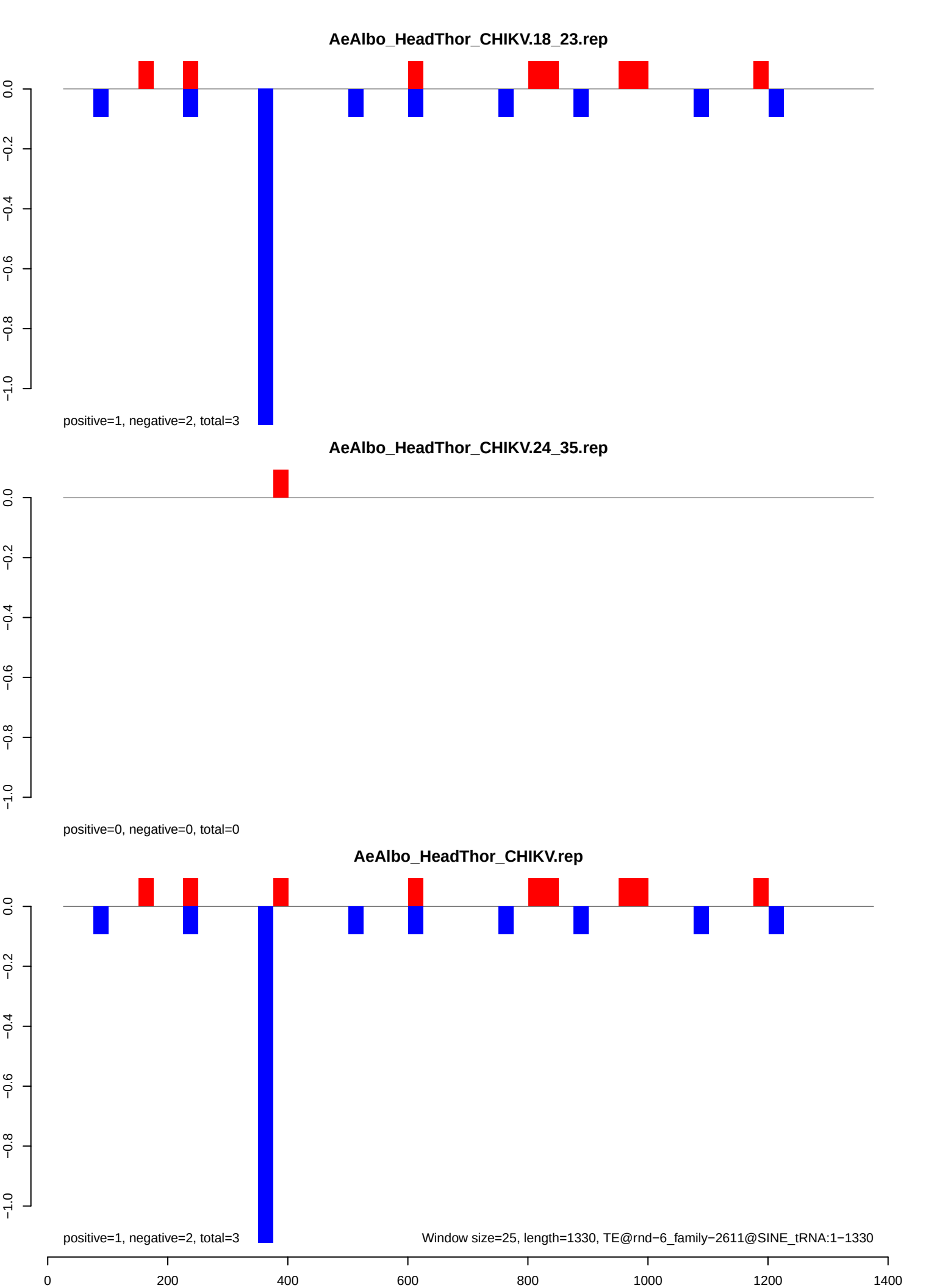

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=6, total=7
Window size=25, length=824, TE@rnd−6_family−5094@Unknown:1−824
0
200
400
600
800

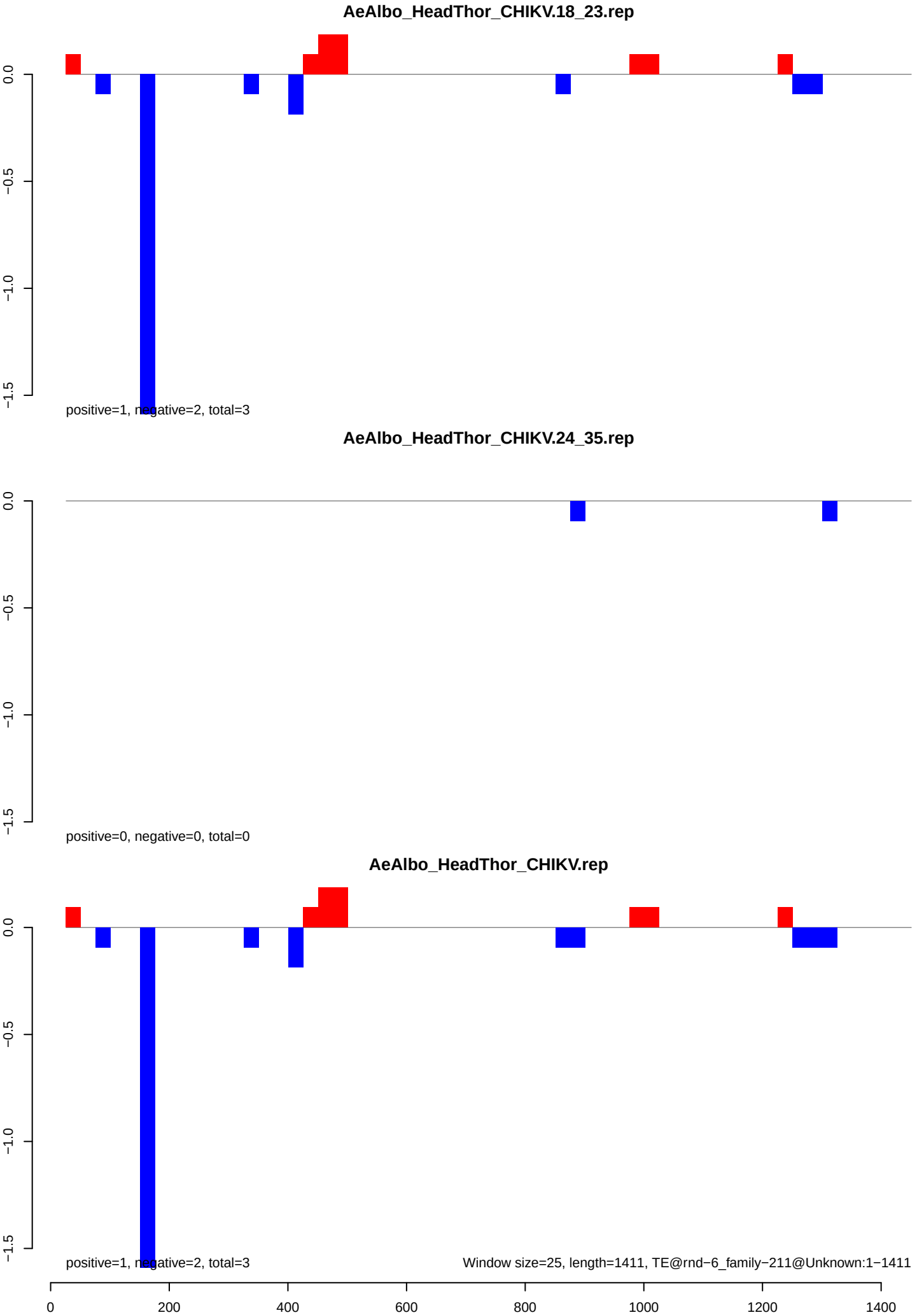

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=4

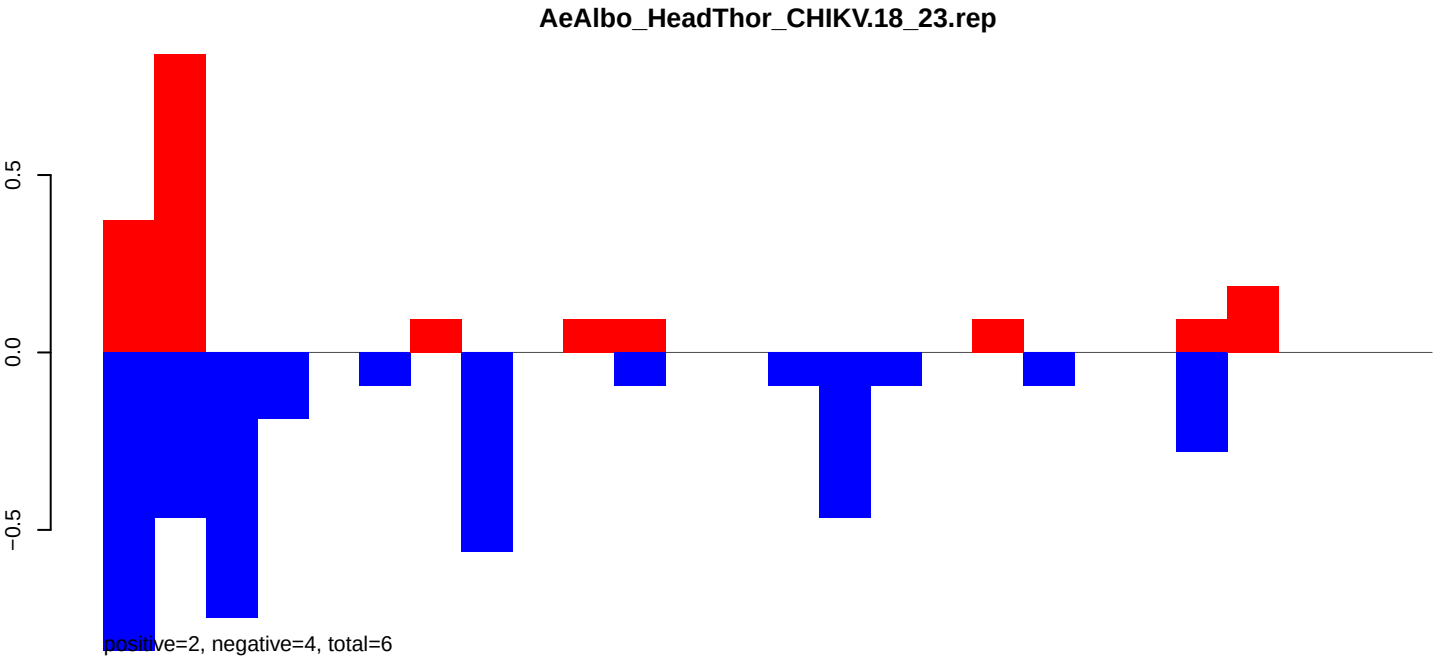

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

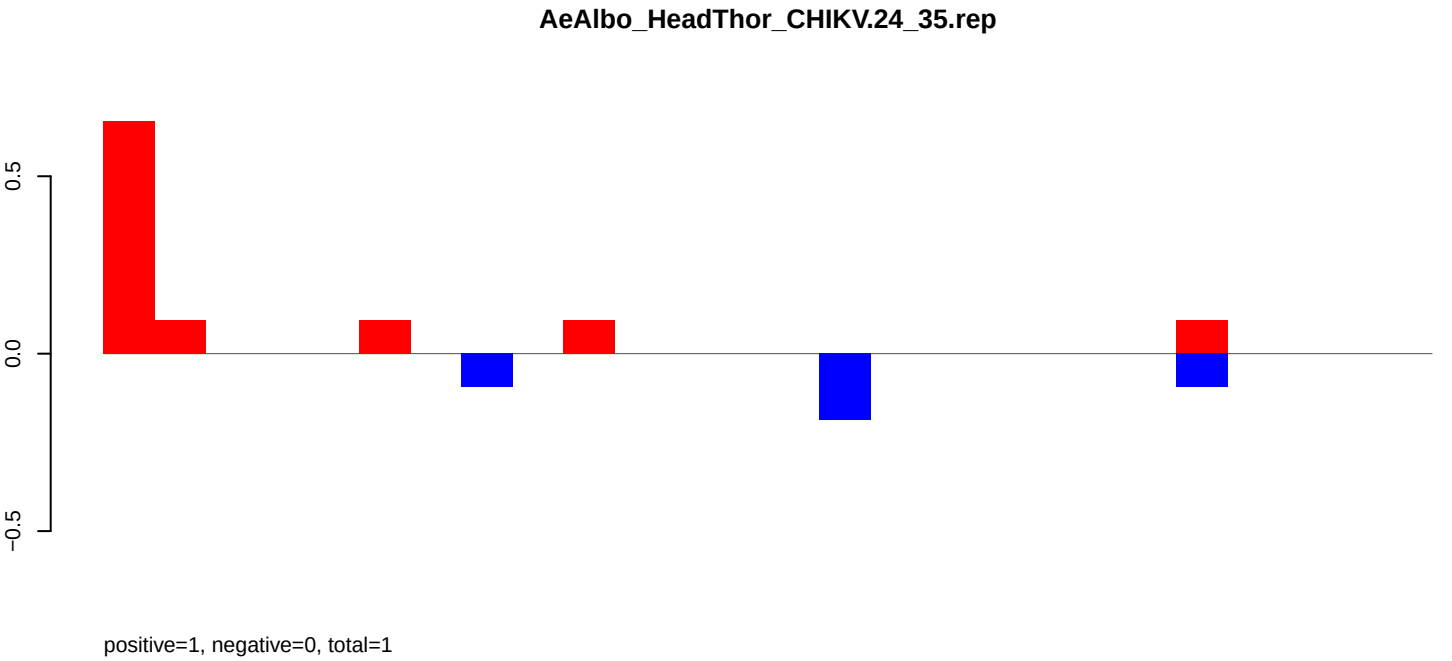

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=5
Window size=25, length=2141, TE@rnd−6_family−3860@Unknown:1−2141
0
500
1000
1500
2000

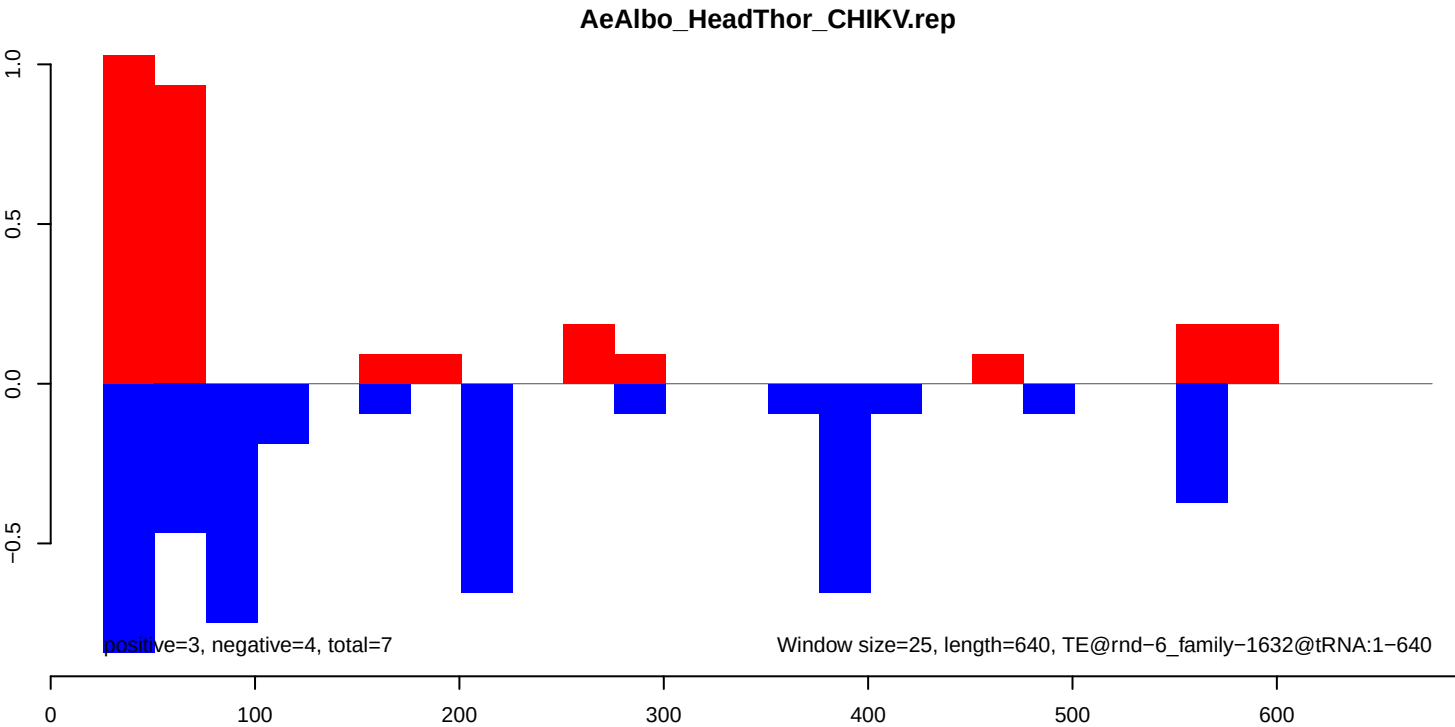

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=7, negative=1, total=8
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=2, total=10
Window size=25, length=1013, TE@rnd−6_family−319@Unknown:1−1013
0
200
400
600
800
1000

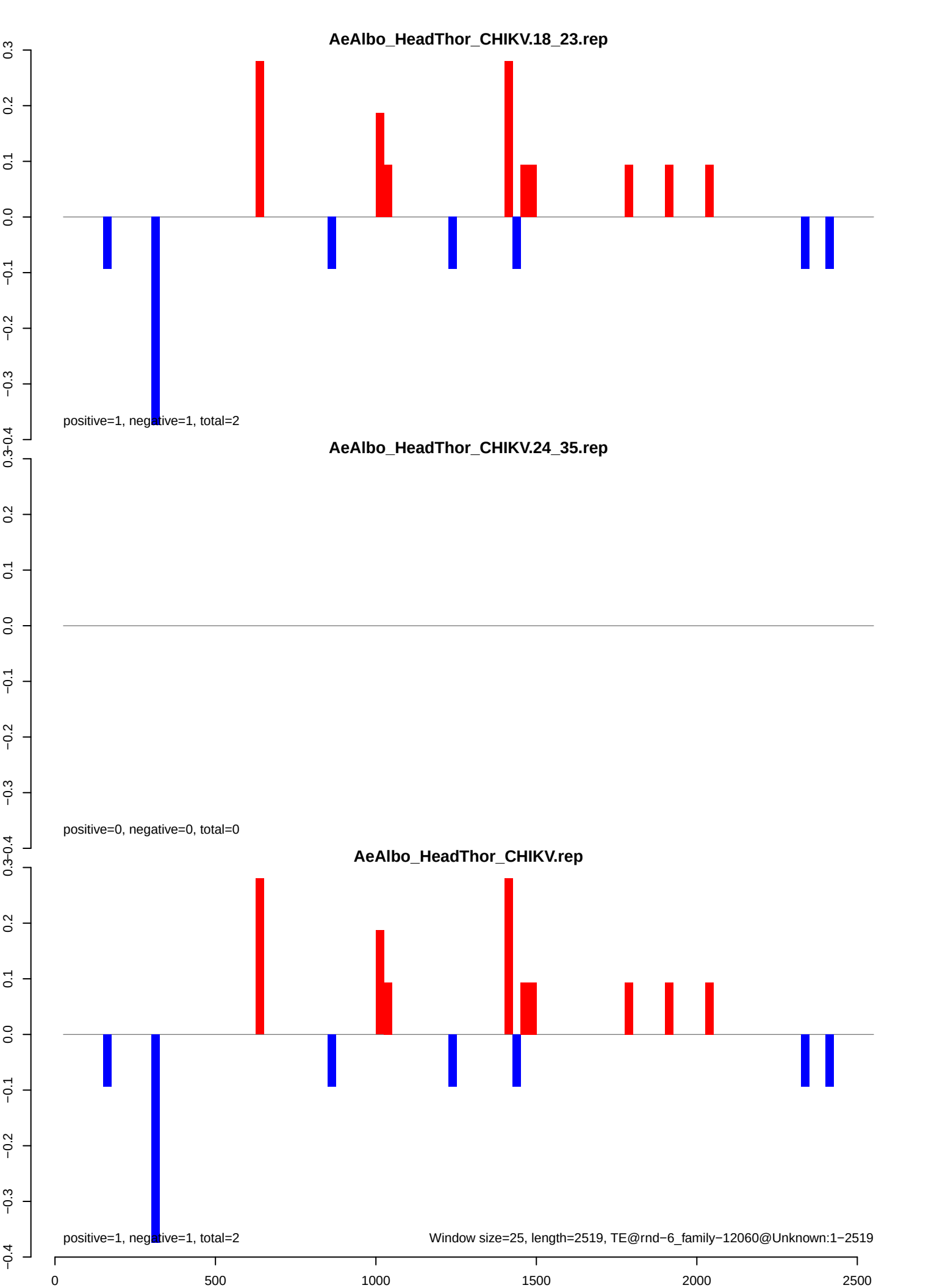

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=2, total=3
Window size=25, length=1330, TE@rnd−6_family−2611@SINE_tRNA:1−1330
0
200
400
600
800
1000
1200
1400

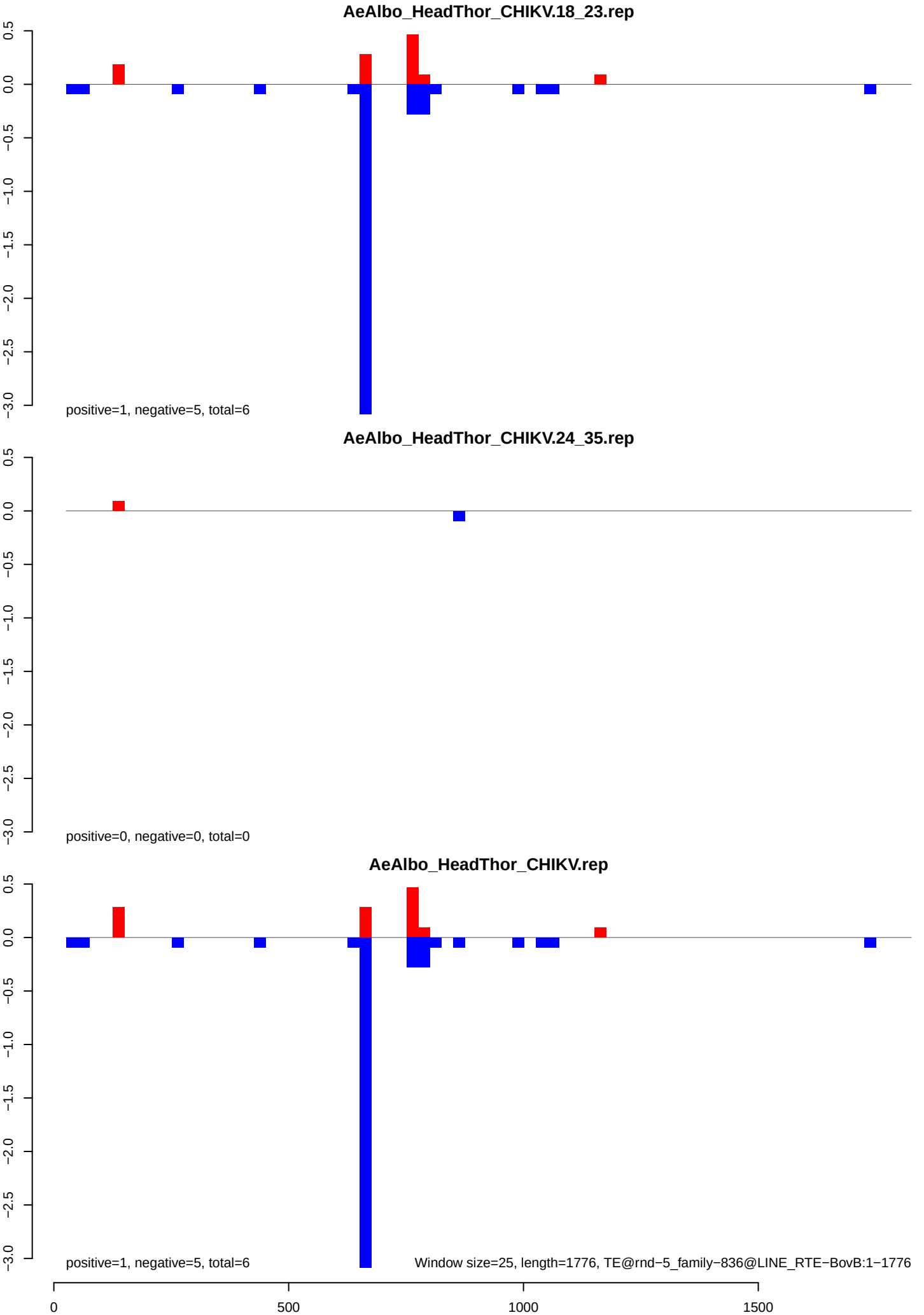

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
Window size=25, length=1411, TE@rnd−6_family−211@Unknown:1−1411
0
200
400
600
800
1000
1200
1400

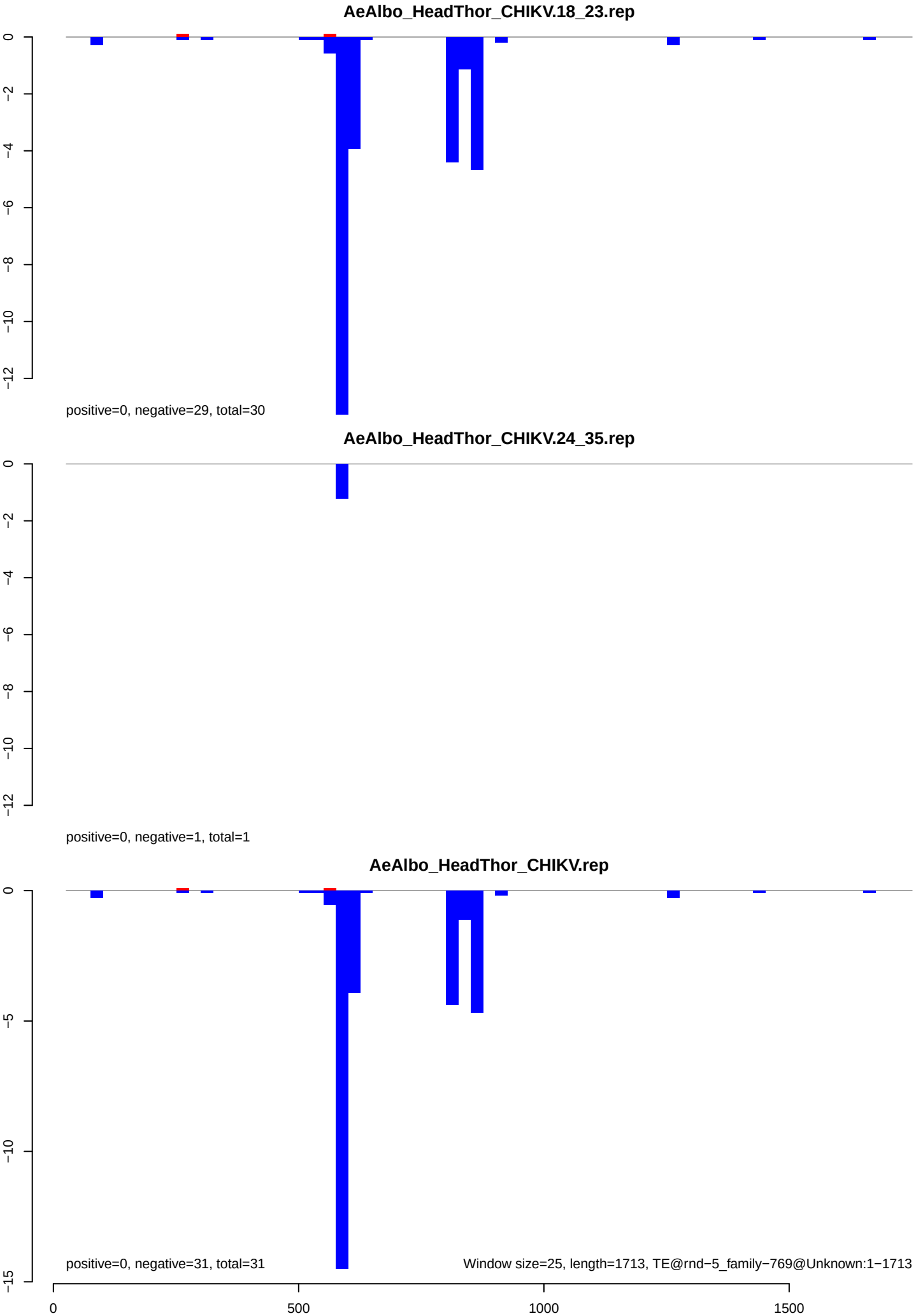

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=2, negative=4, total=6

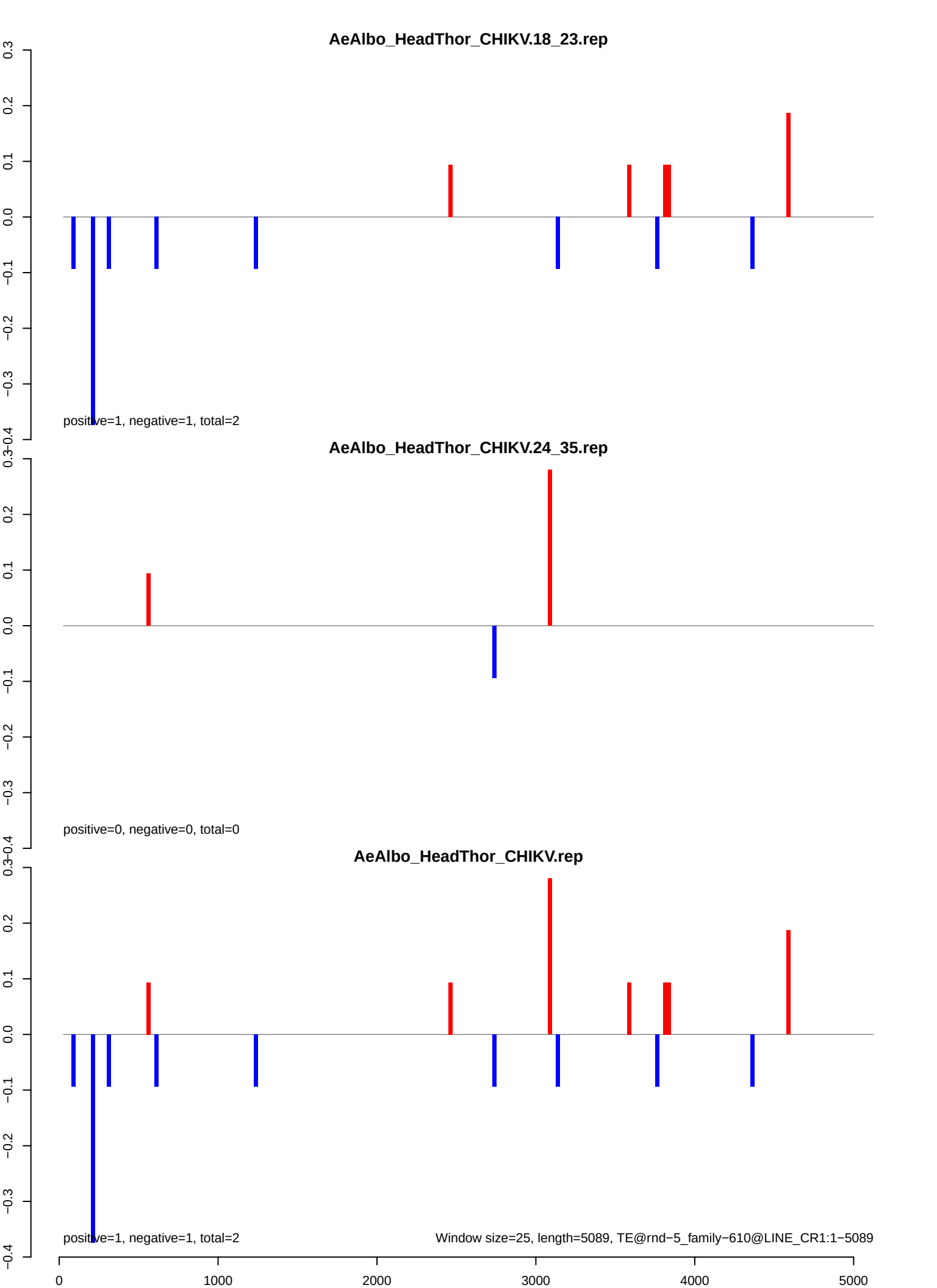

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=1, negative=0, total=1

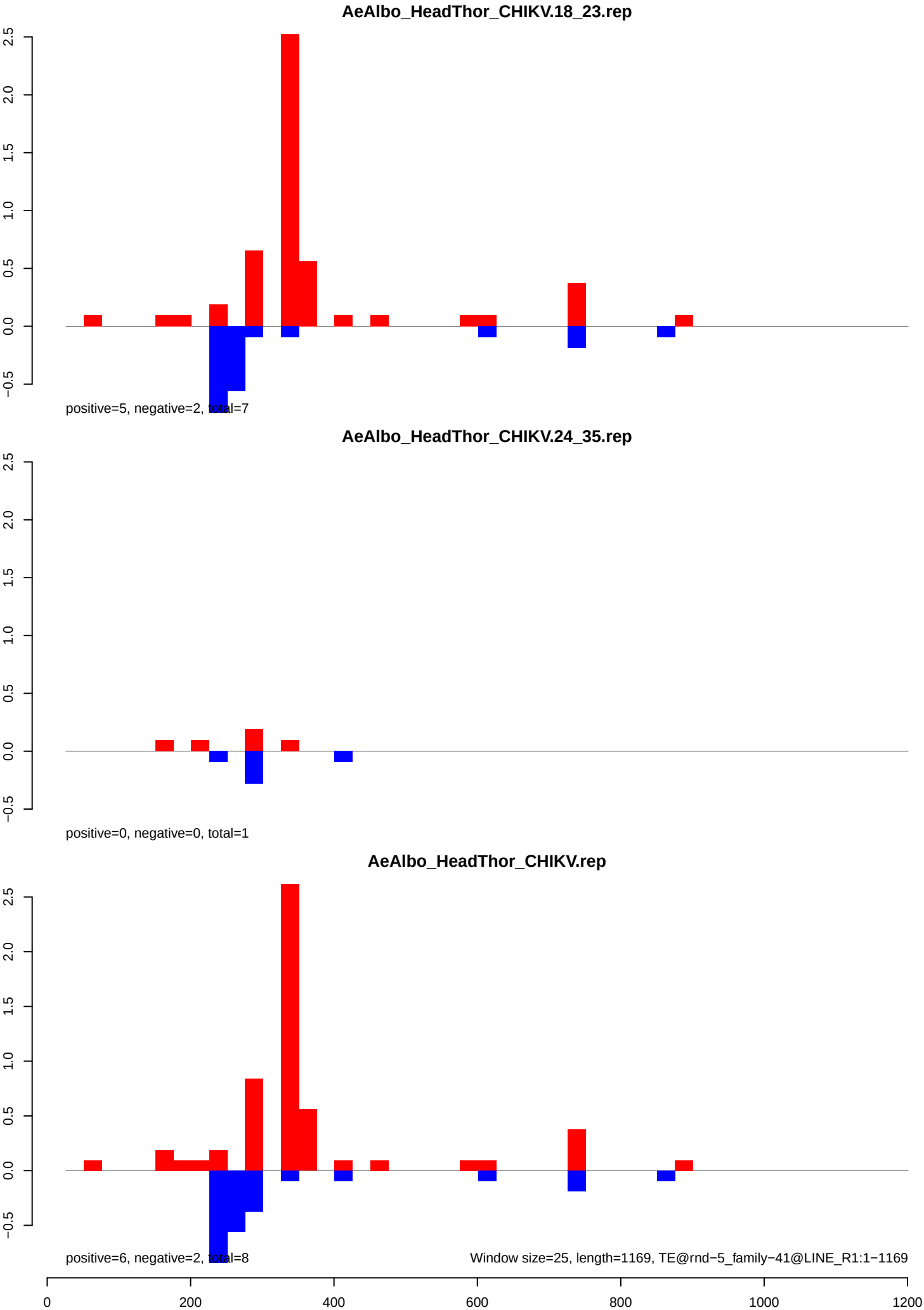

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=4, total=7
Window size=25, length=640, TE@rnd−6_family−1632@tRNA:1−640
0
100
200
300
400
500
600
700

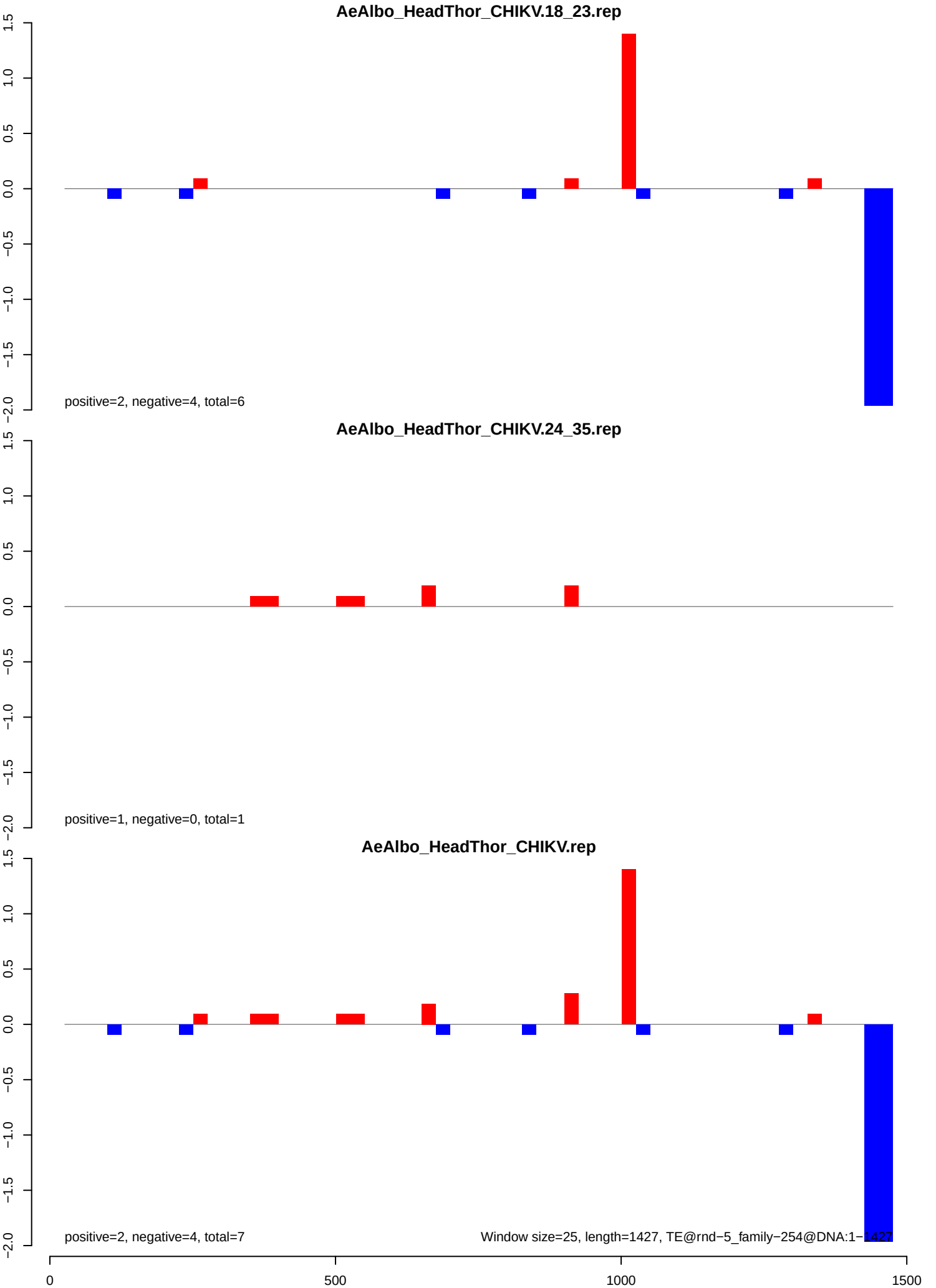

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2519, TE@rnd−6_family−12060@Unknown:1−2519
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
500
1000
1500
2000
2500

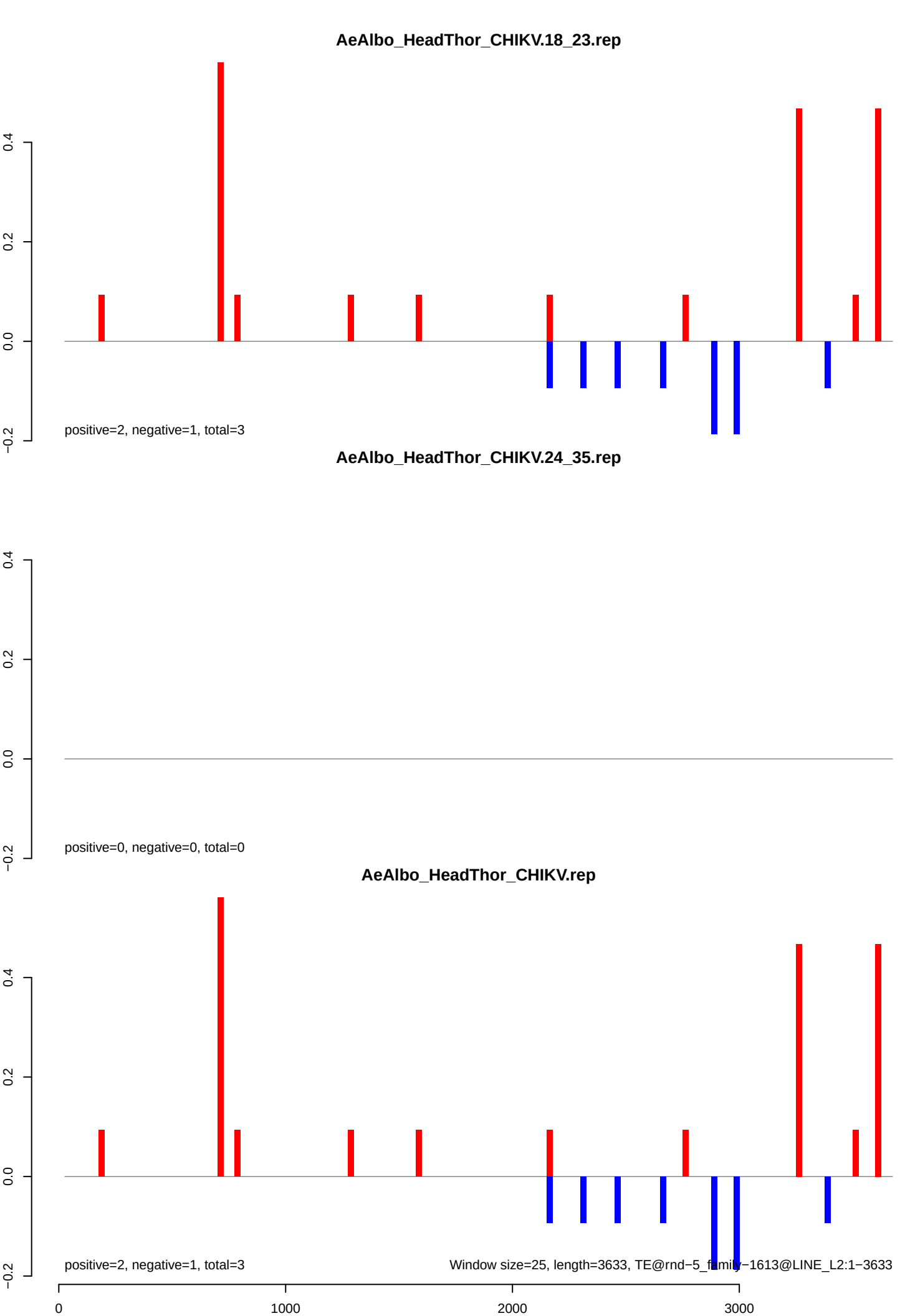

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=5, total=6
Window size=25, length=1776, TE@rnd−5_family−836@LINE_RTE−BovB:1−1776
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
0
500
1000
1500

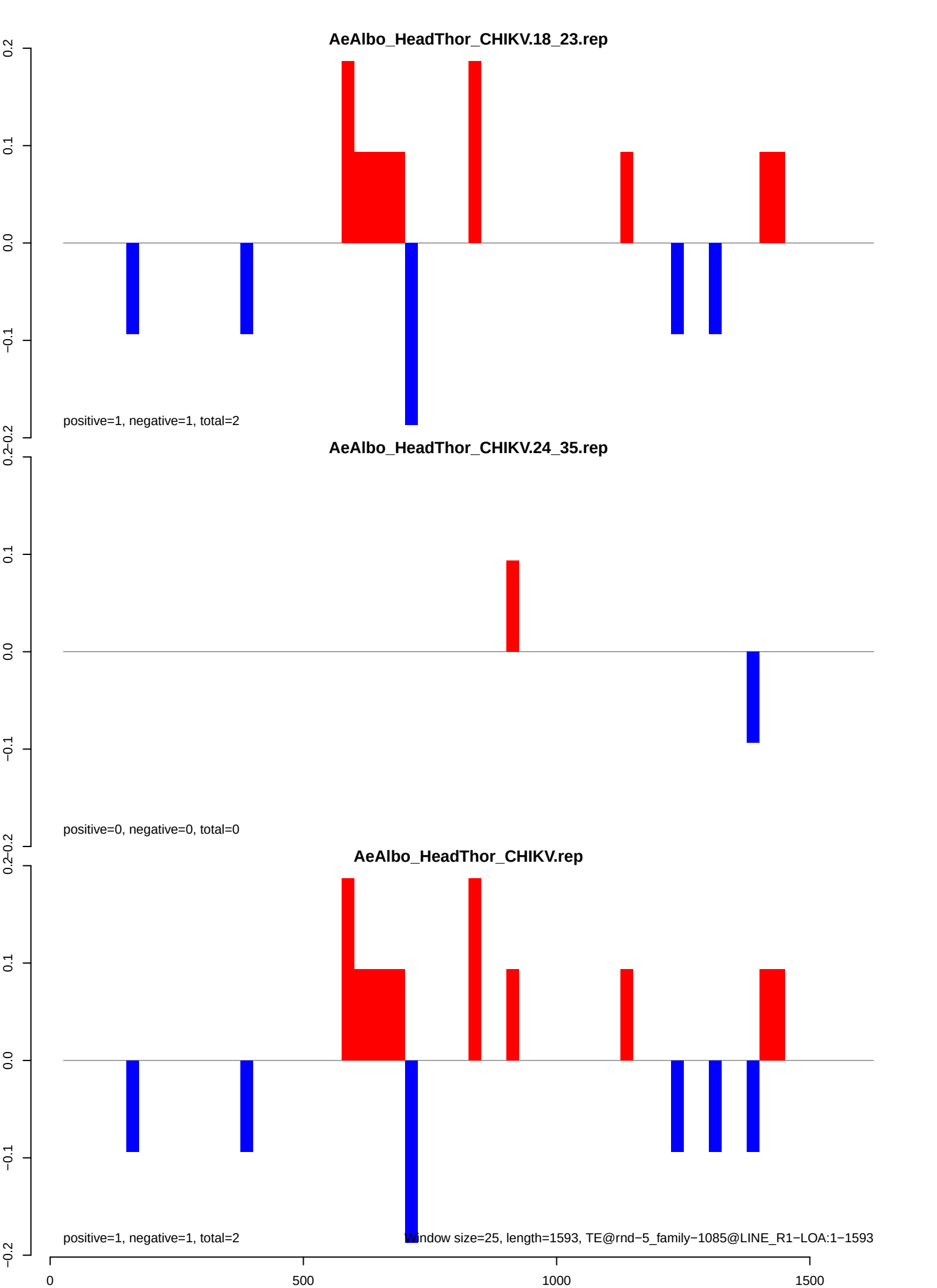

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=29, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=31, total=31
Window size=25, length=1713, TE@rnd−5_family−769@Unknown:1−1713
0
500
1000
1500

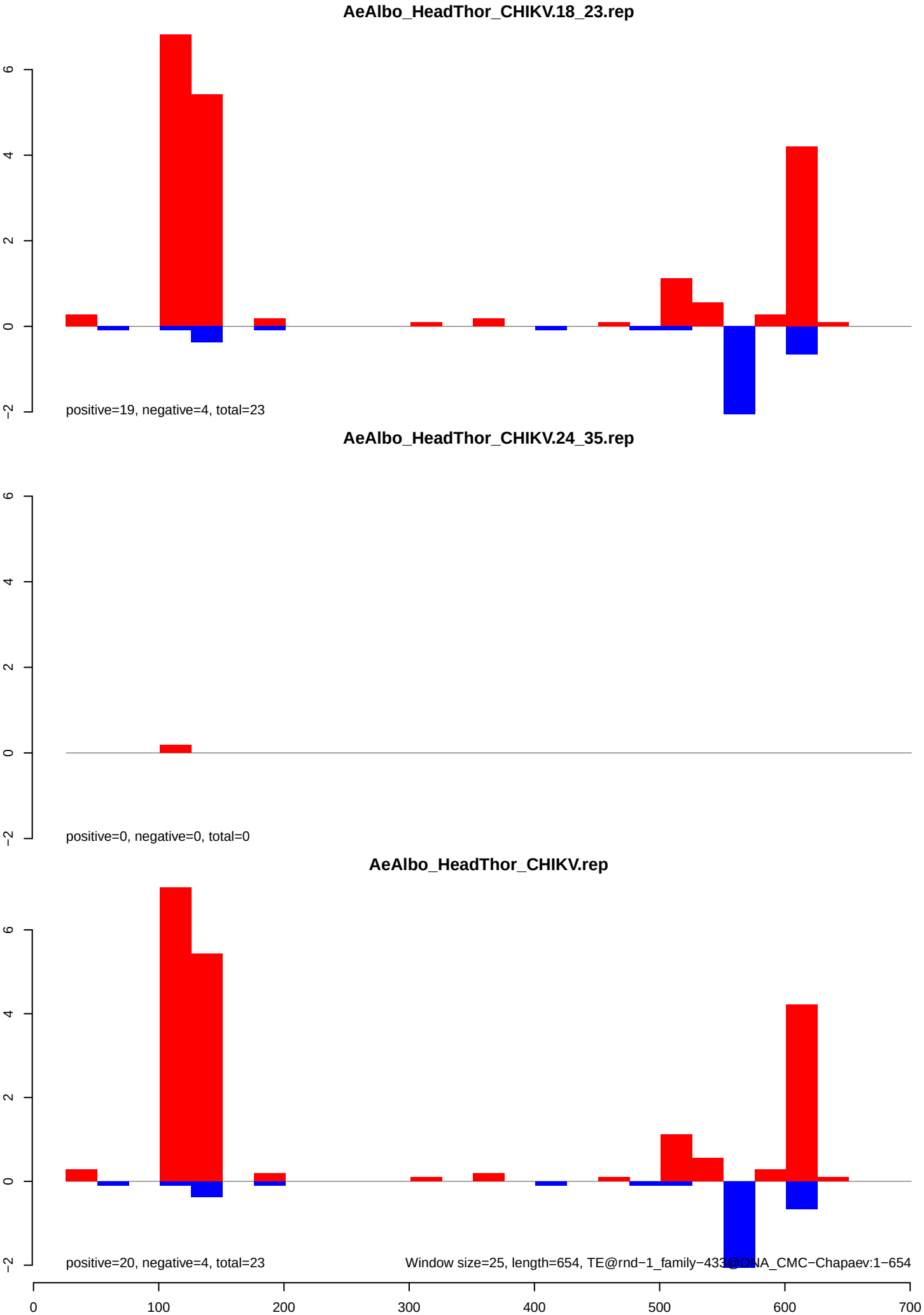

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=5089, TE@rnd−5_family−610@LINE_CR1:1−5089
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
1000
2000
3000
4000
5000

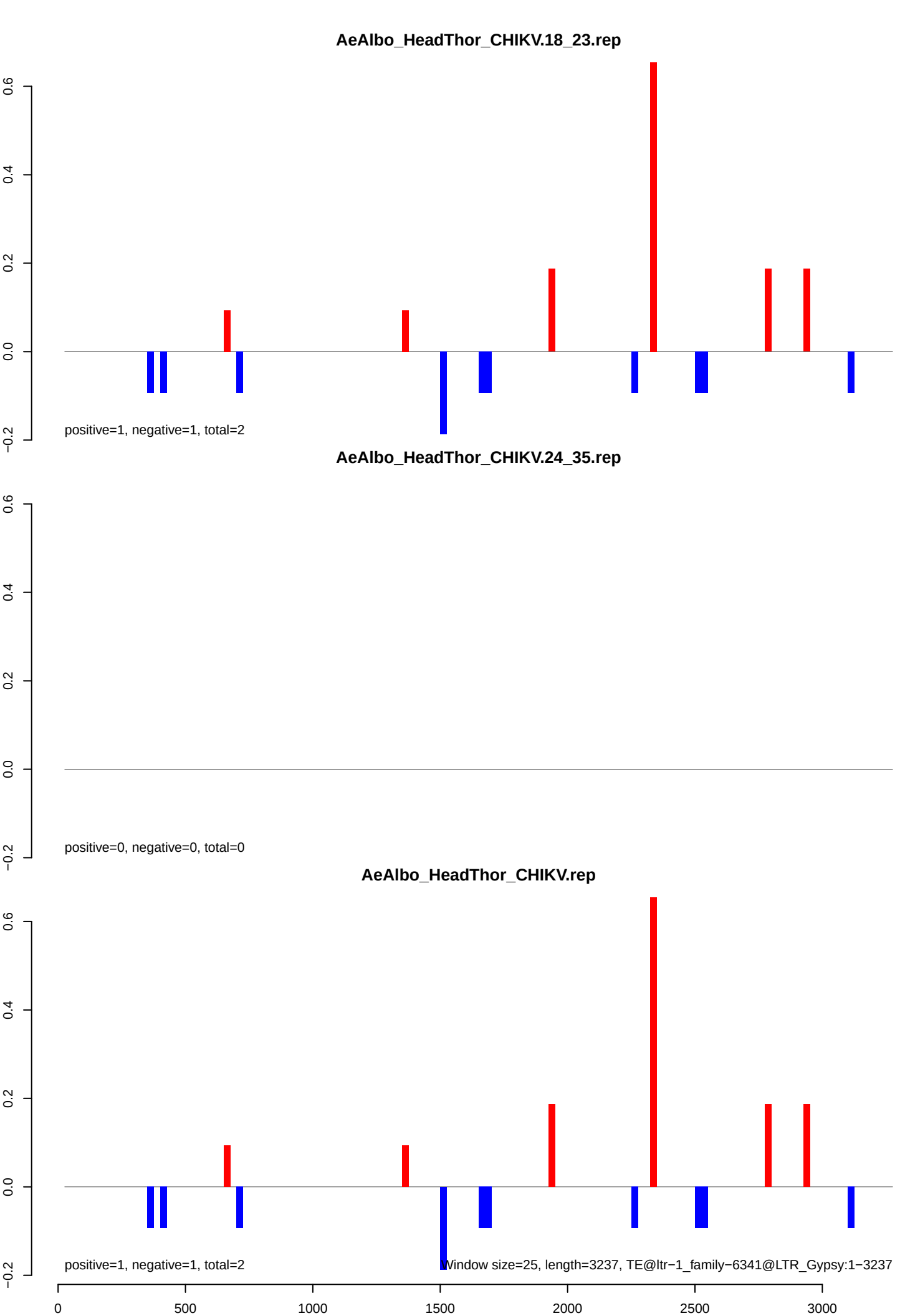

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=2, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=2, total=8
Window size=25, length=1169, TE@rnd−5_family−41@LINE_R1:1−1169
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
200
400
600
800
1000
1200

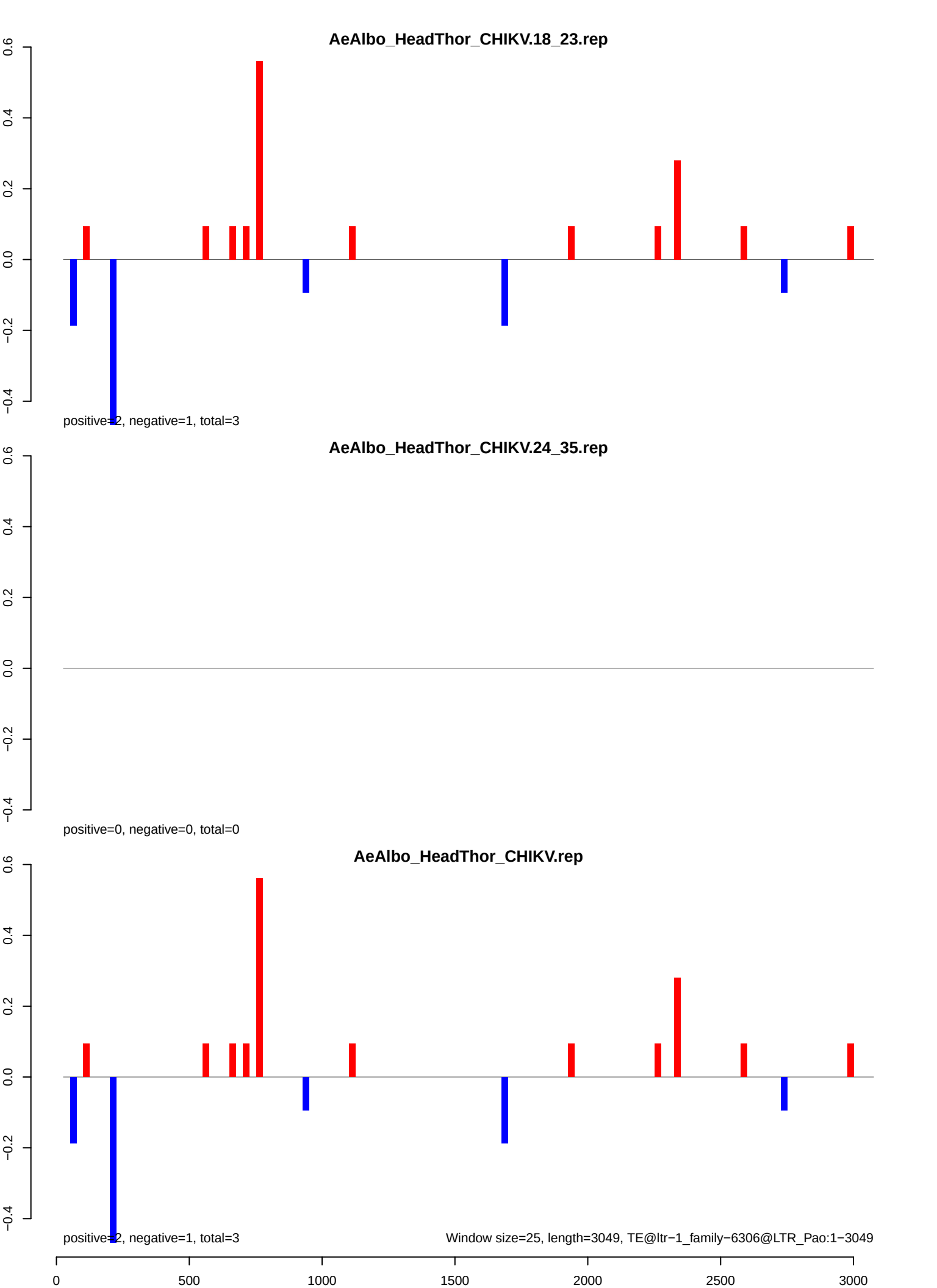

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=4, total=7
Window size=25, length=1427, TE@rnd−5_family−254@DNA:1−1427
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
0
500
1000
1500

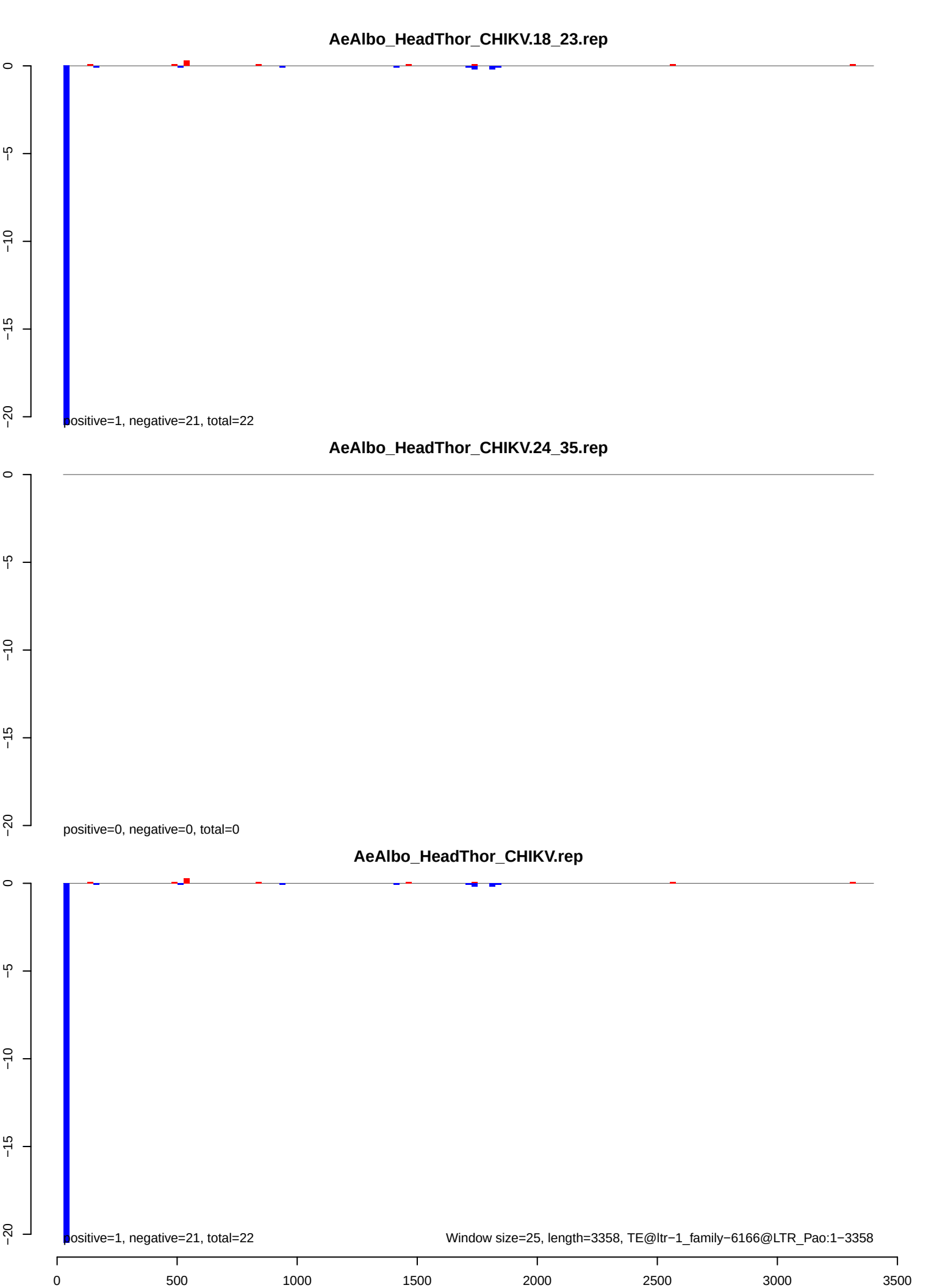

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=3633, TE@rnd−5_family−1613@LINE_L2:1−3633
0
1000
2000
3000

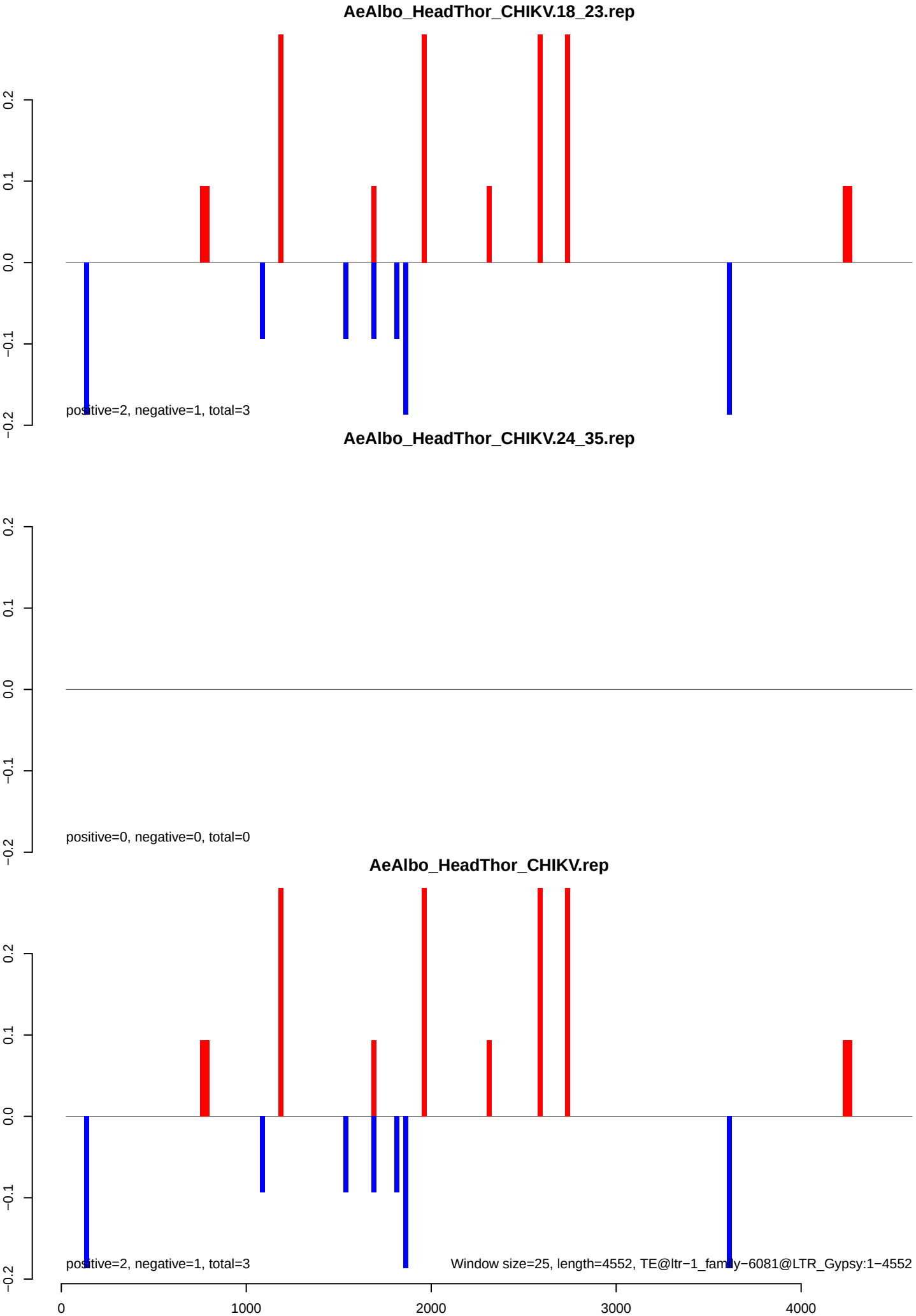

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=1593, TE@rnd−5_family−1085@LINE_R1−LOA:1−1593
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500

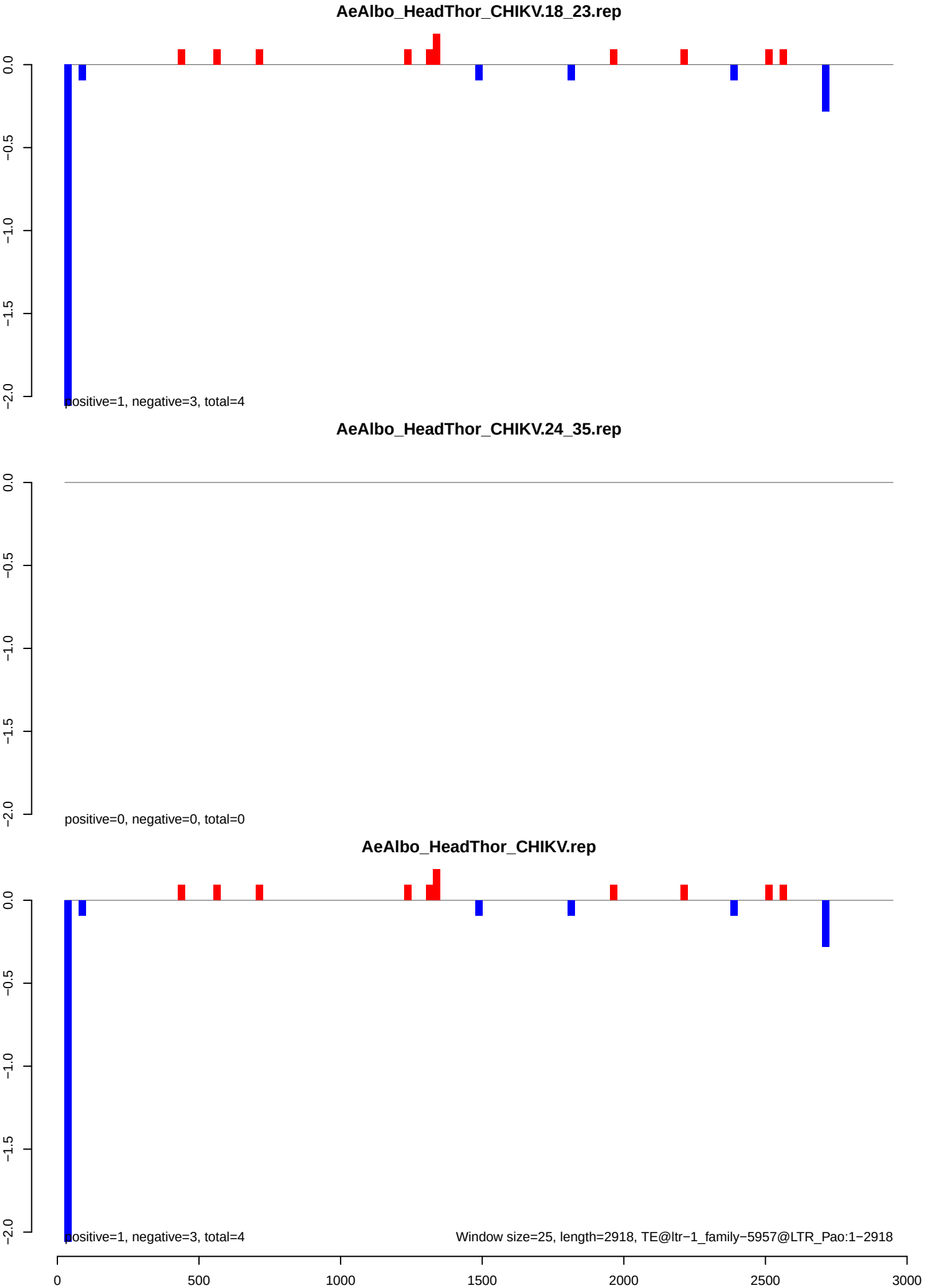

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=19, negative=4, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=20, negative=4, total=23
Window size=25, length=654, TE@rnd−1_family−433@DNA_CMC−Chapaev:1−654
6
4
2
0
−2
0
100
200
300
400
500
600
700

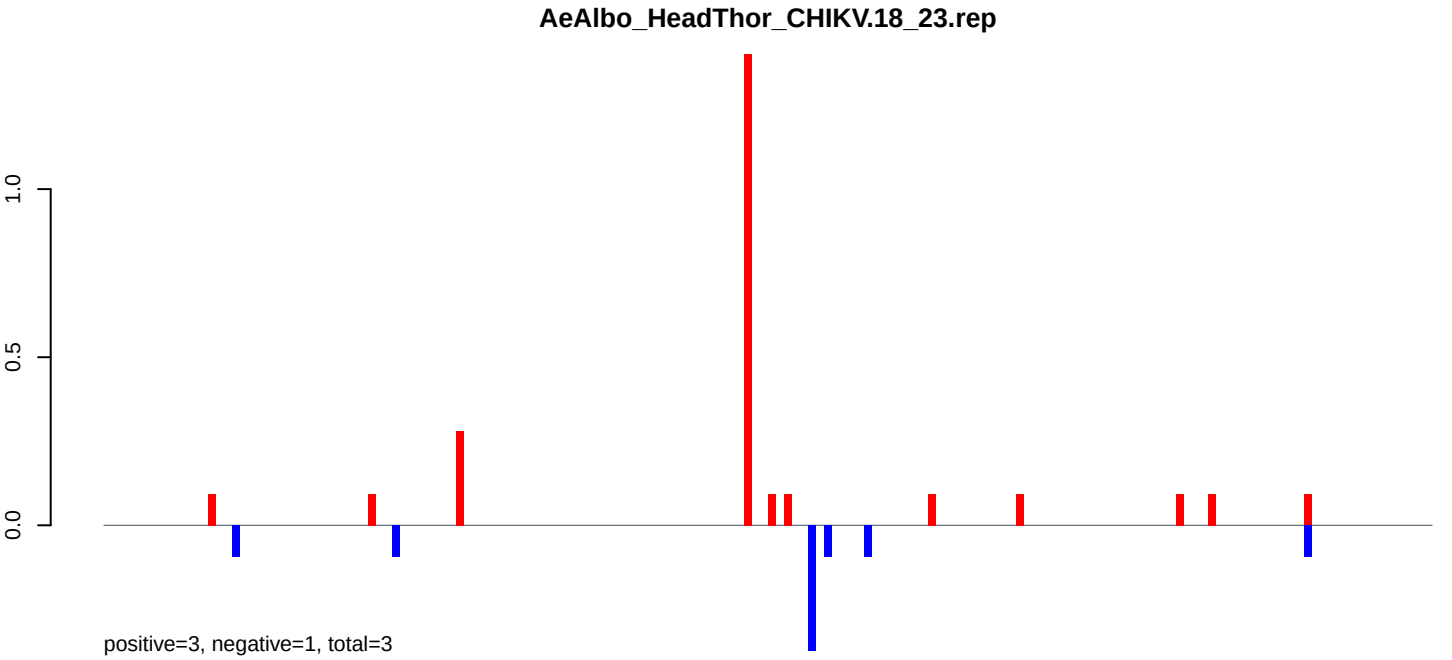

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
Window size=25, length=3237, TE@ltr−1_family−6341@LTR_Gypsy:1−3237
0
500
1000
1500
2000
2500
3000

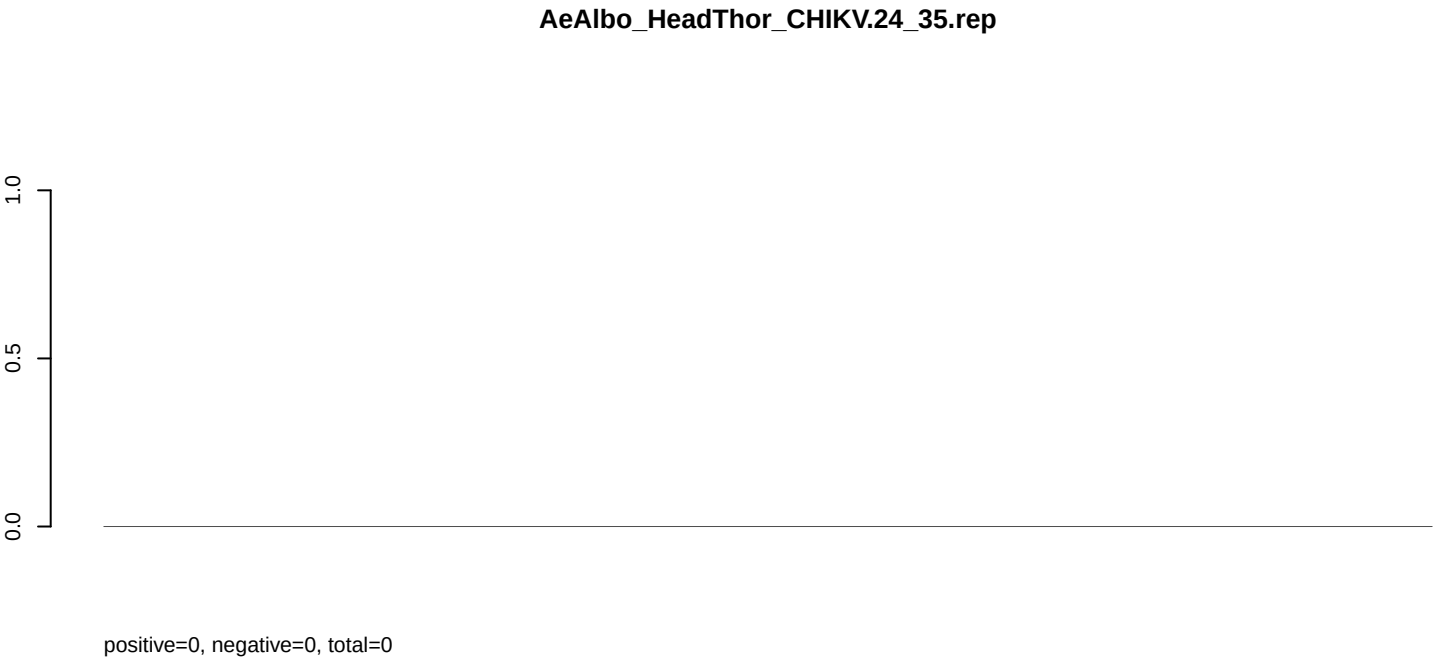

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
Window size=25, length=3049, TE@ltr−1_family−6306@LTR_Pao:1−3049
0
500
1000
1500
2000
2500
3000

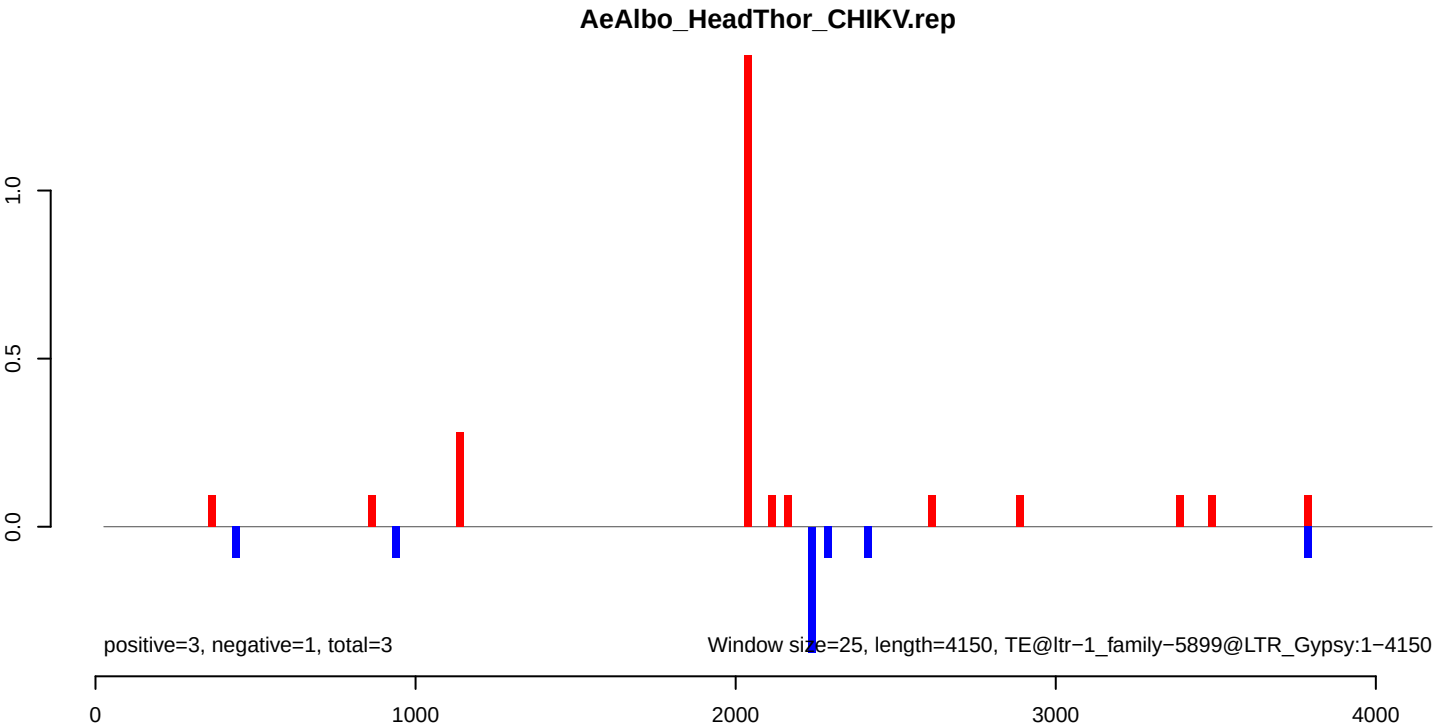

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=21, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=21, total=22
Window size=25, length=3358, TE@ltr−1_family−6166@LTR_Pao:1−3358
0
500
1000
1500
2000
2500
3000
3500

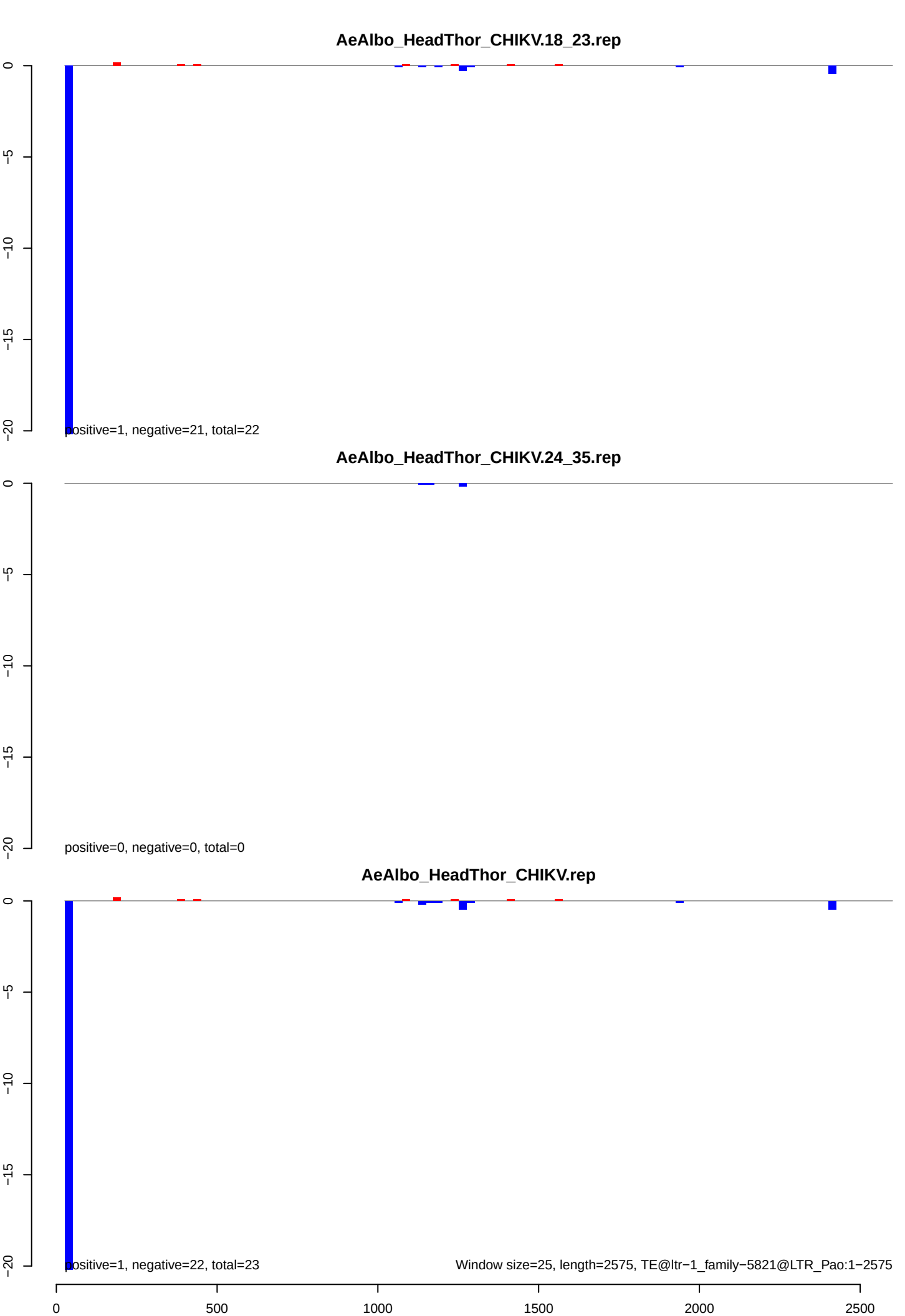

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=3
Window size=25, length=4552, TE@ltr−1_family−6081@LTR_Gypsy:1−4552
0
1000
2000
3000
4000

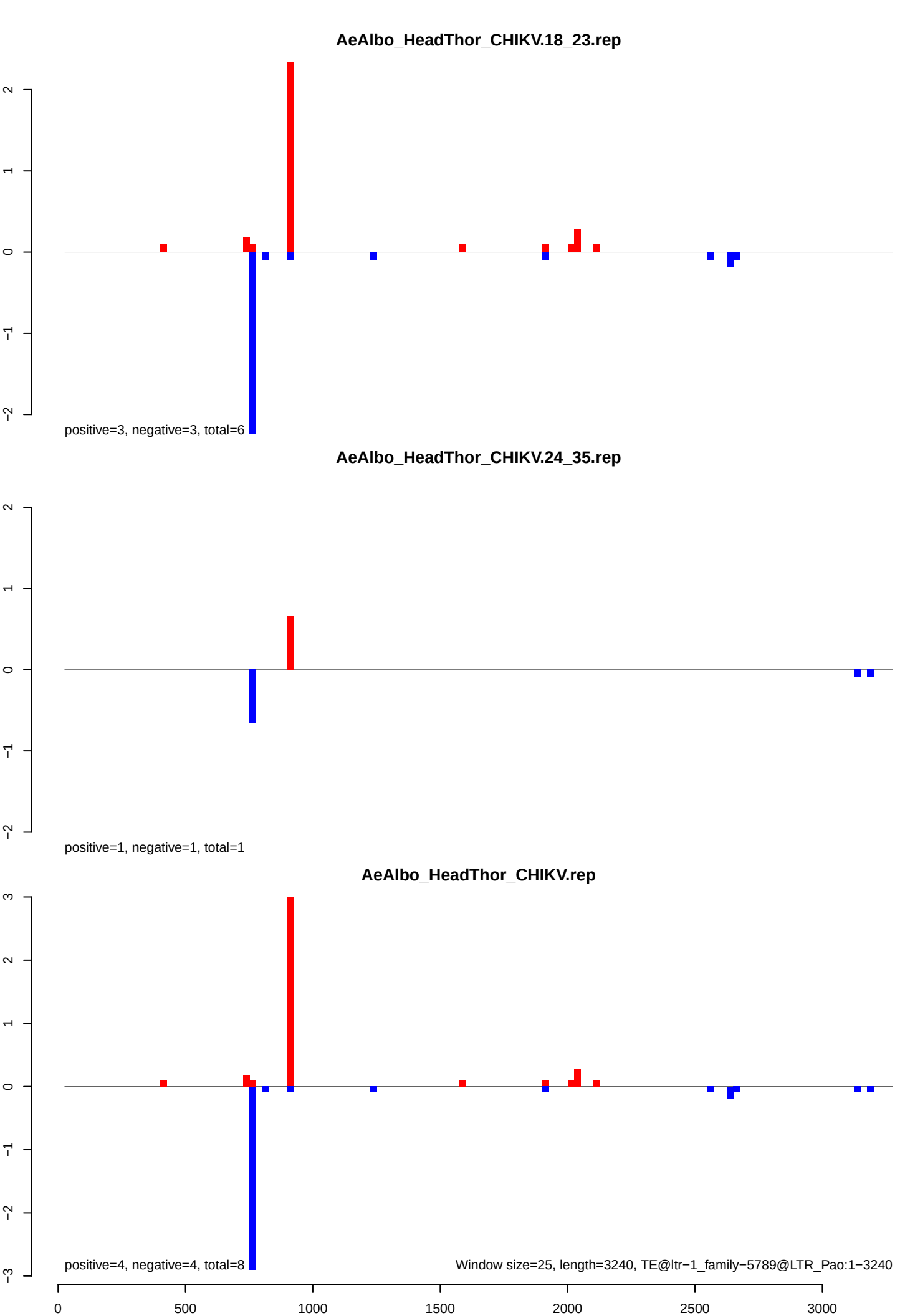

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
Window size=25, length=2918, TE@ltr−1_family−5957@LTR_Pao:1−2918
0
500
1000
1500
2000
2500
3000

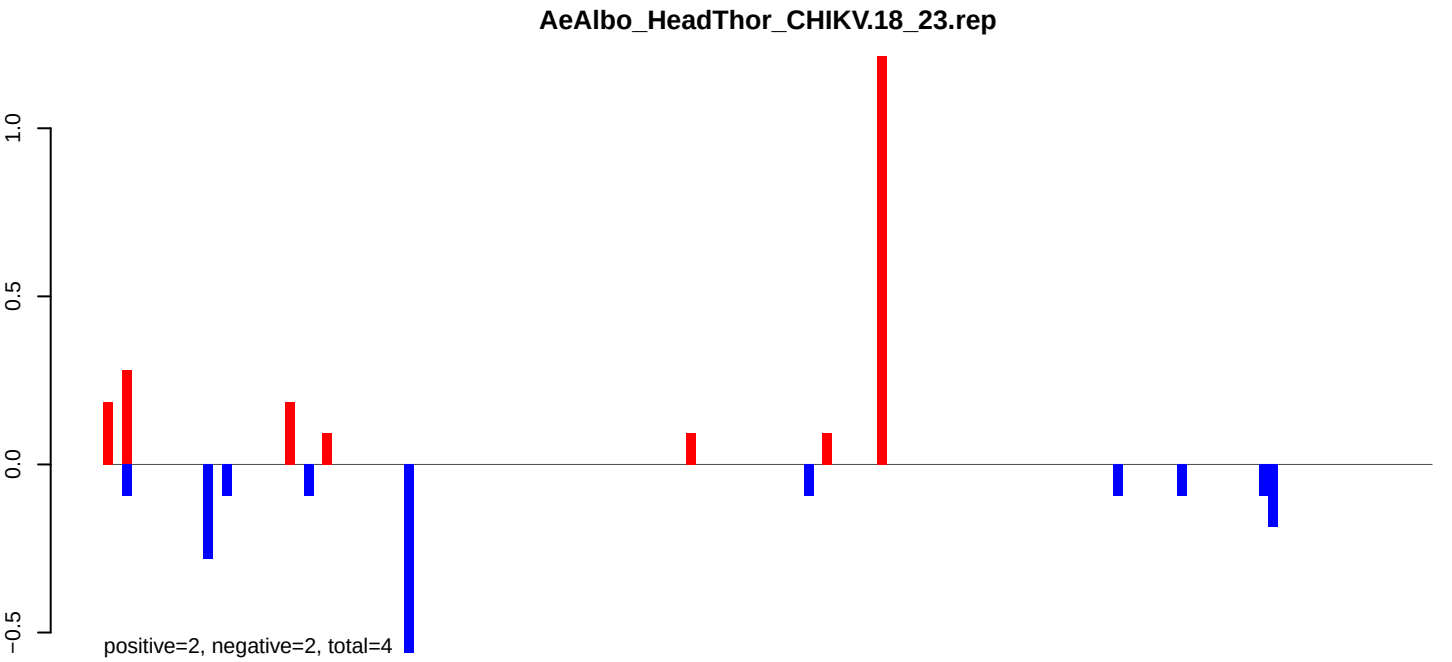

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=1, total=3

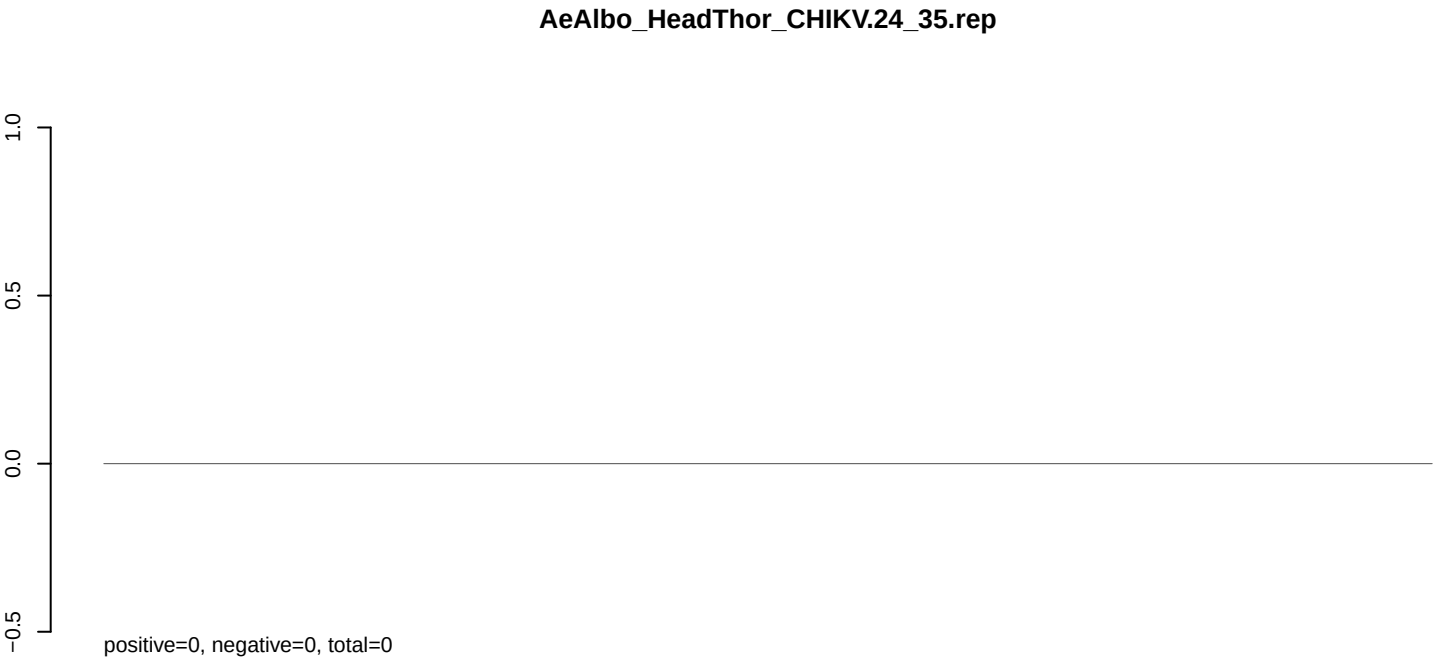

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0

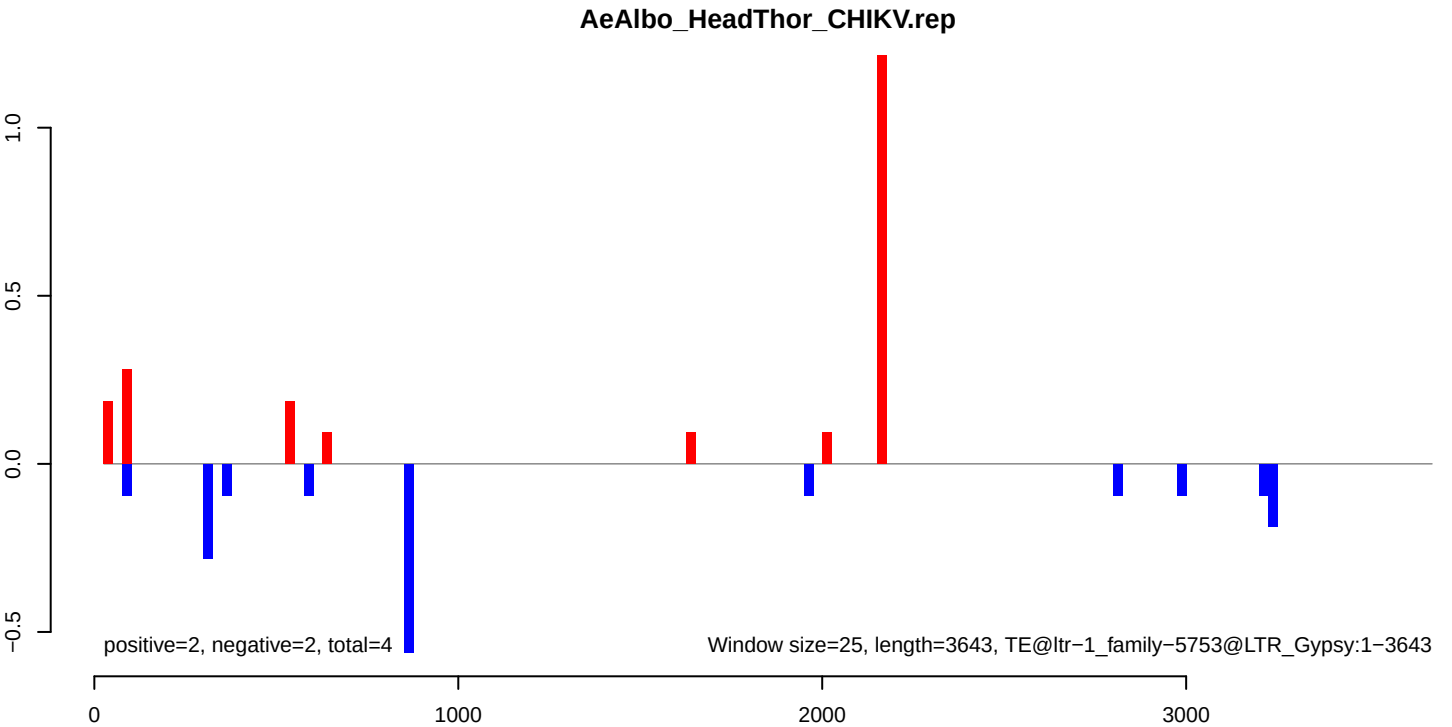

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=3, negative=1, total=3
Window size=25, length=4150, TE@ltr−1_family−5899@LTR_Gypsy:1−4150
0
1000
2000
3000
4000

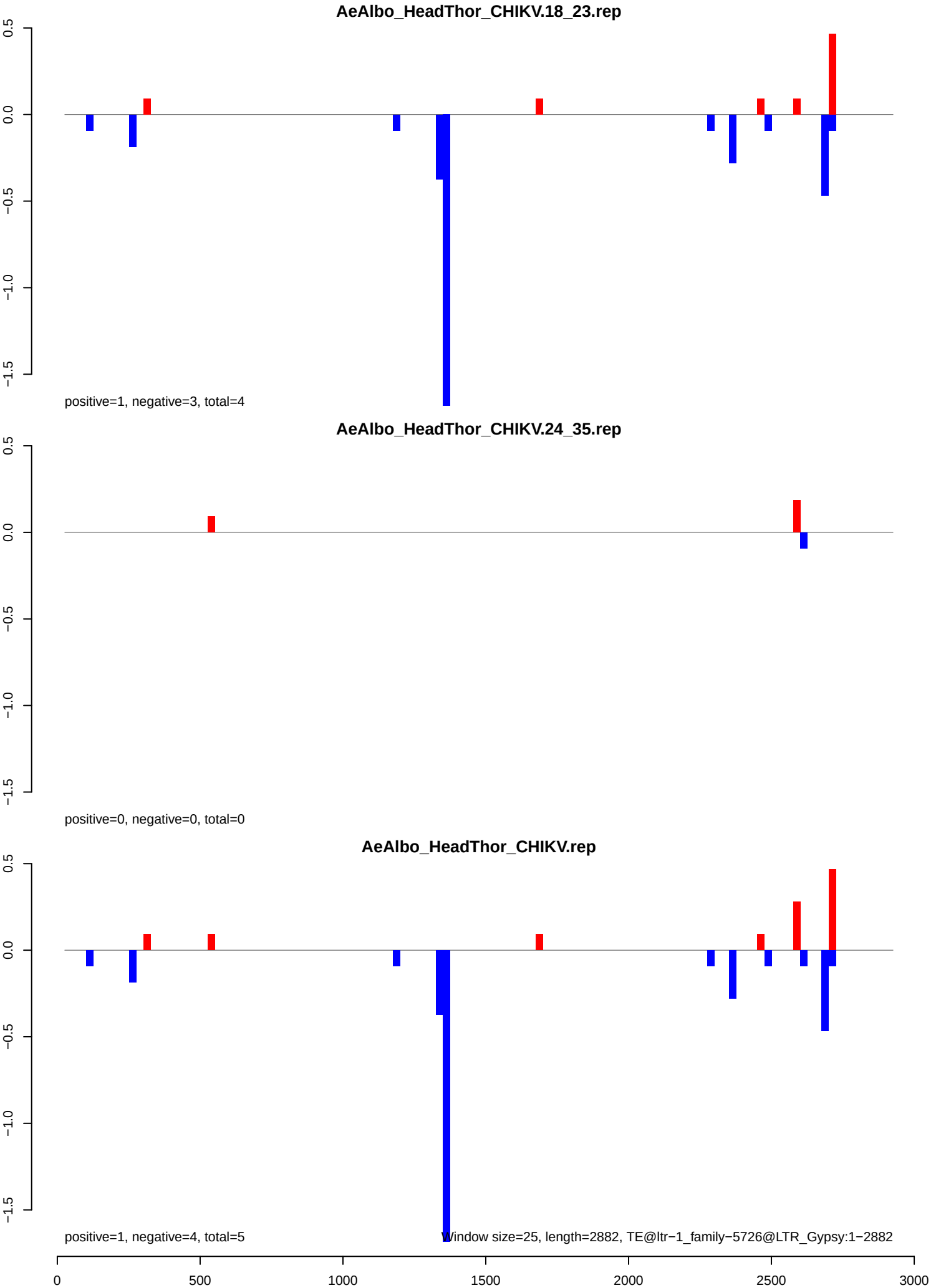

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=21, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=22, total=23
Window size=25, length=2575, TE@ltr−1_family−5821@LTR_Pao:1−2575
0
500
1000
1500
2000
2500

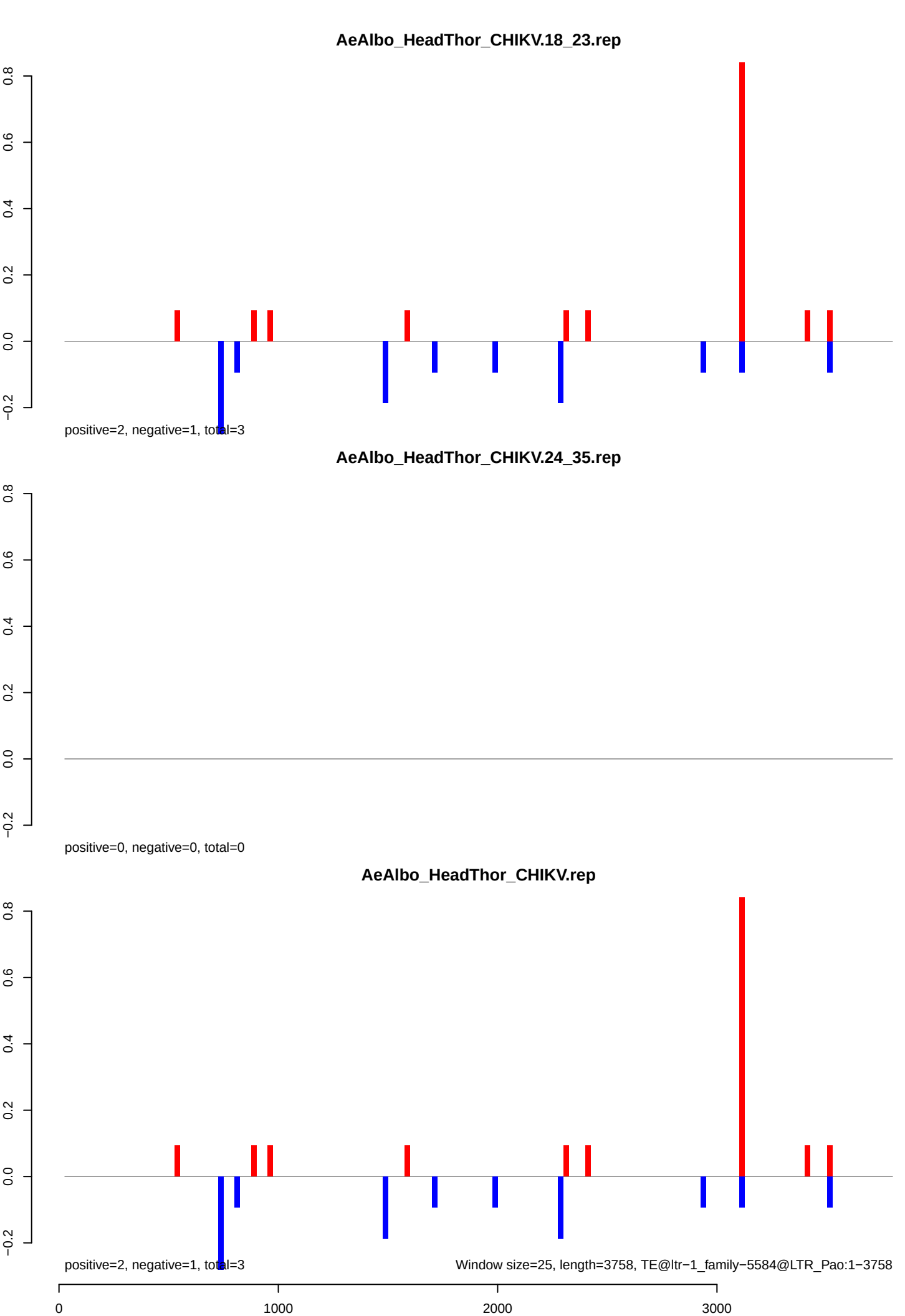

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=4, total=8
Window size=25, length=3240, TE@ltr−1_family−5789@LTR_Pao:1−3240
0
500
1000
1500
2000
2500
3000

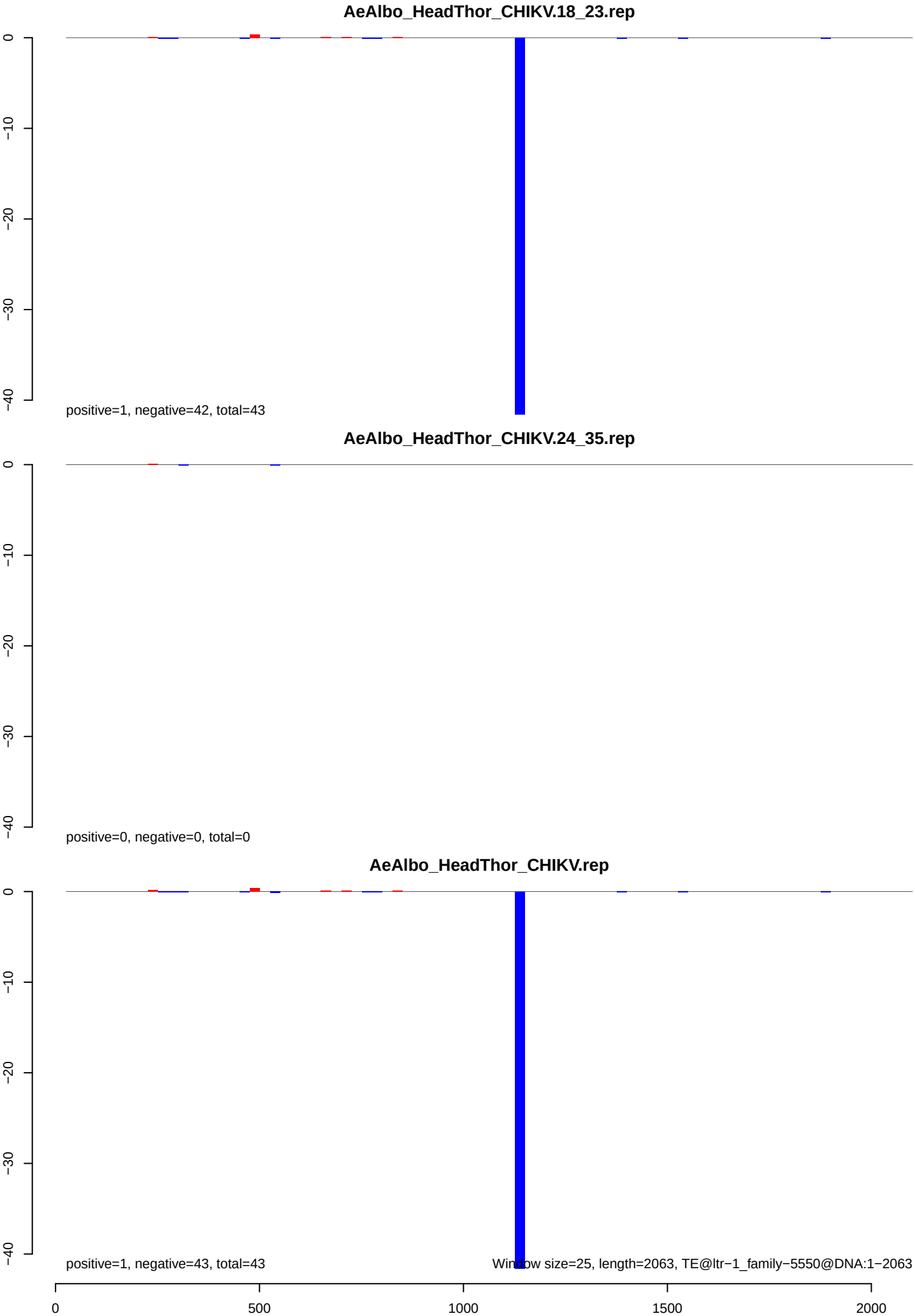

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=4

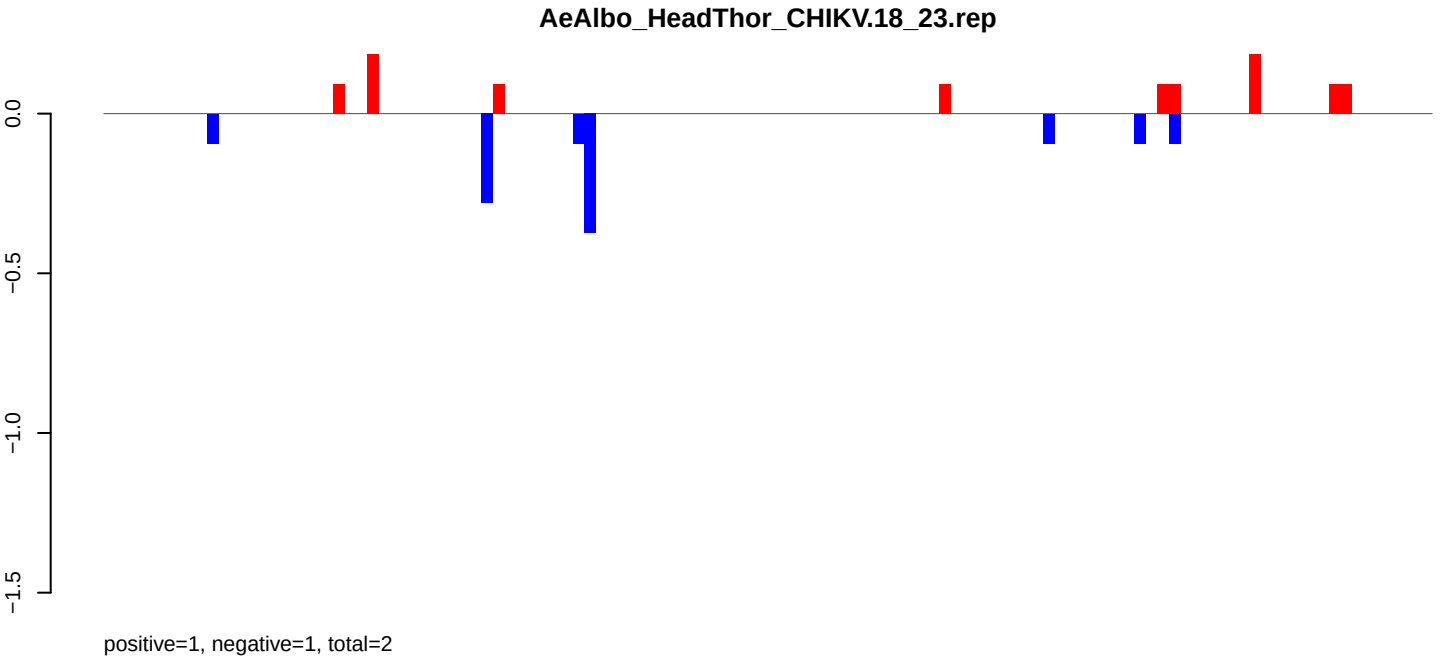

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

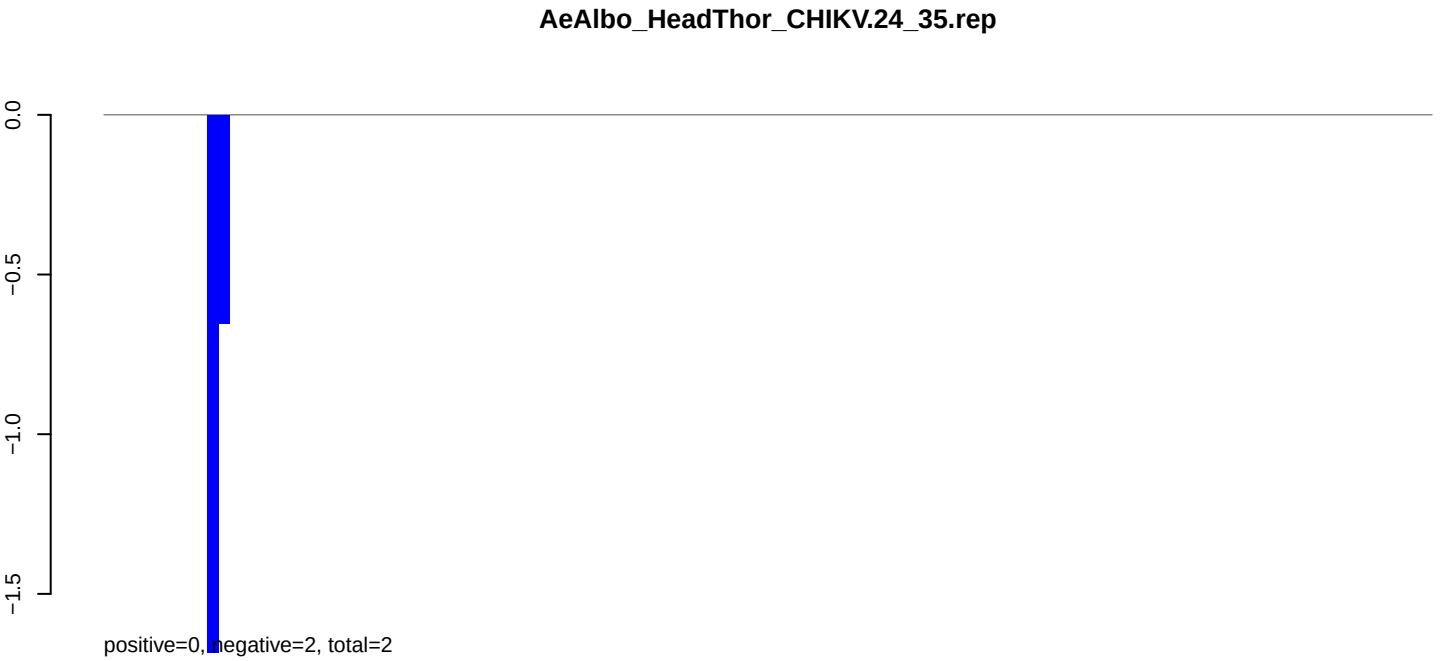

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=4
Window size=25, length=3643, TE@ltr−1_family−5753@LTR_Gypsy:1−3643
0
1000
2000
3000

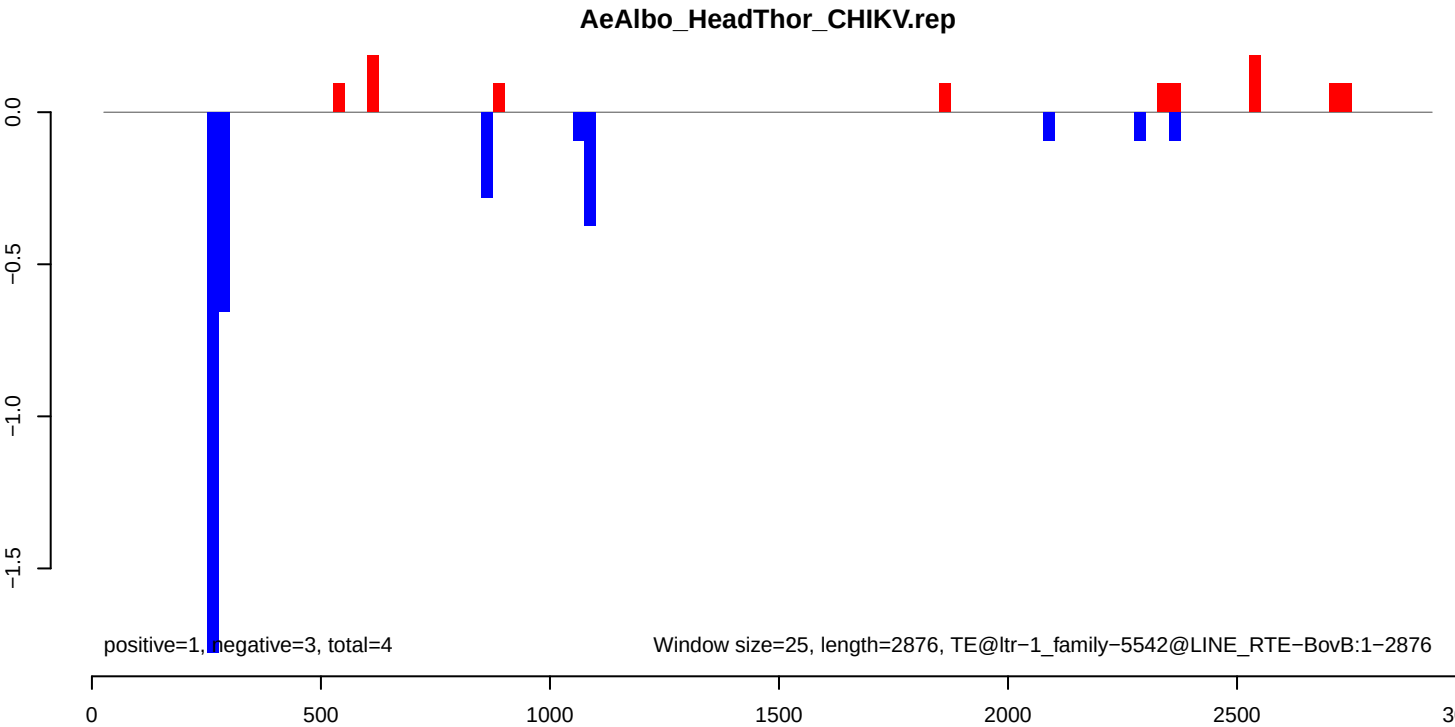

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=4, total=5
Window size=25, length=2882, TE@ltr−1_family−5726@LTR_Gypsy:1−2882
0
500
1000
1500
2000
2500
3000

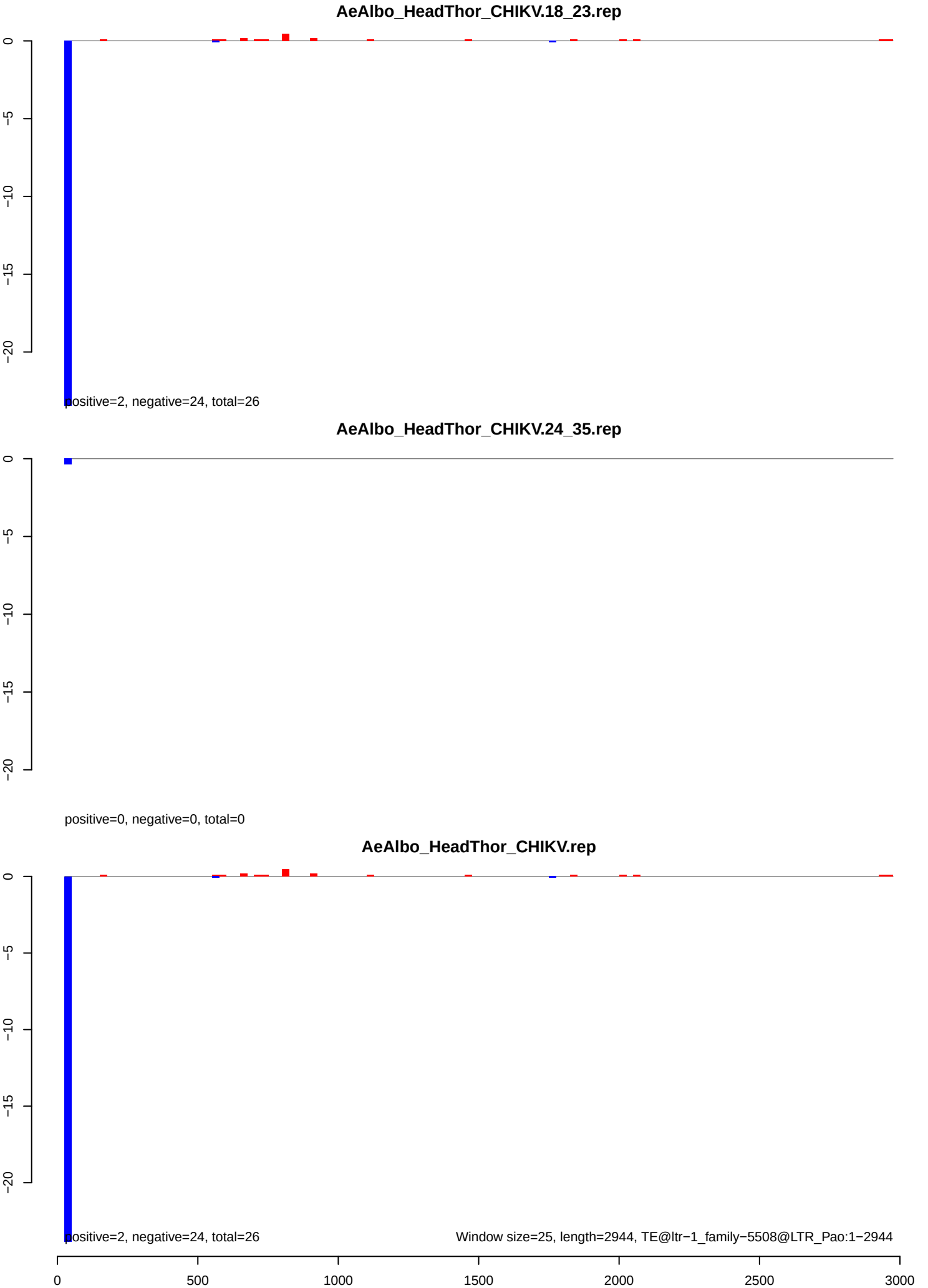

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=3758, TE@ltr−1_family−5584@LTR_Pao:1−3758
0
1000
2000
3000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=1, negative=42, total=43
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=1, negative=43, total=43
Window size=25, length=2063, TE@ltr−1_family−5550@DNA:1−2063
0
500
1000
1500
2000

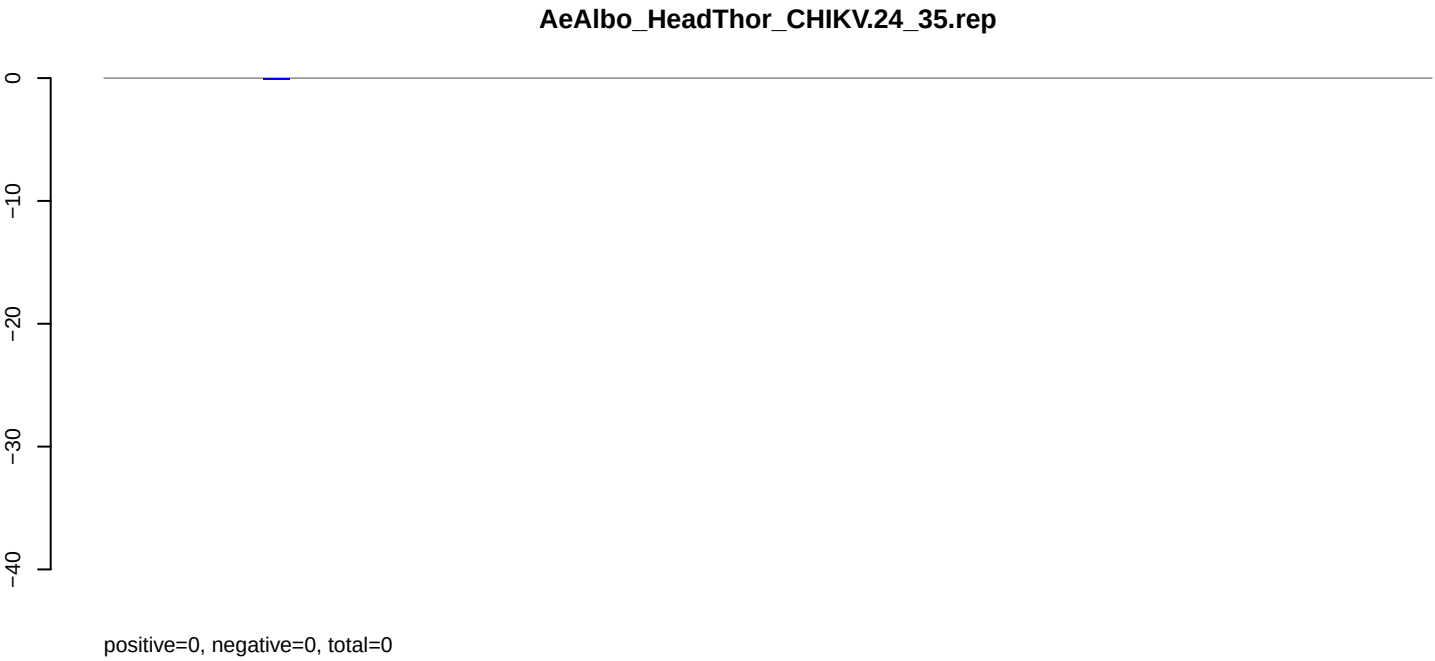

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=1, total=2

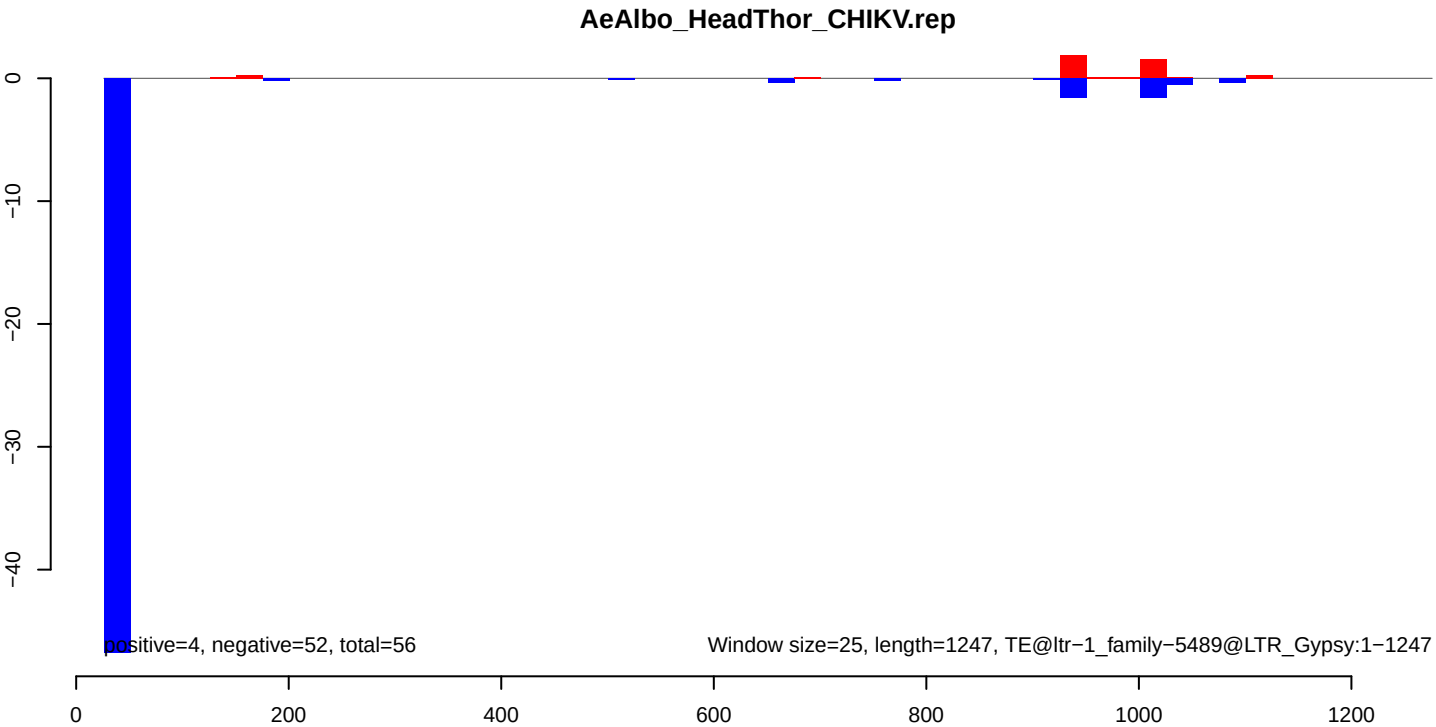

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2

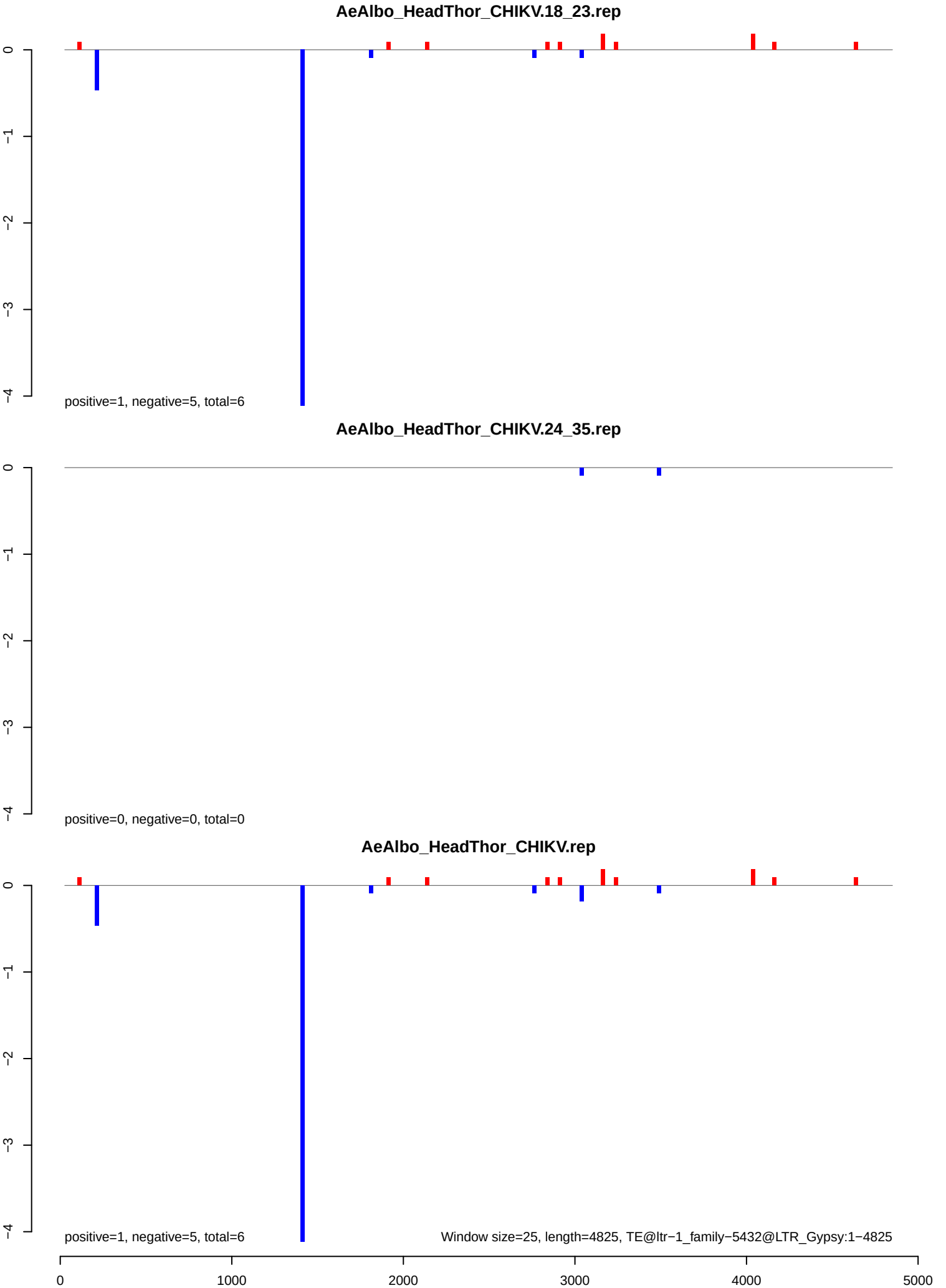

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4
Window size=25, length=2876, TE@ltr−1_family−5542@LINE_RTE−BovB:1−2876
0
500
1000
1500
2000
2500
3000

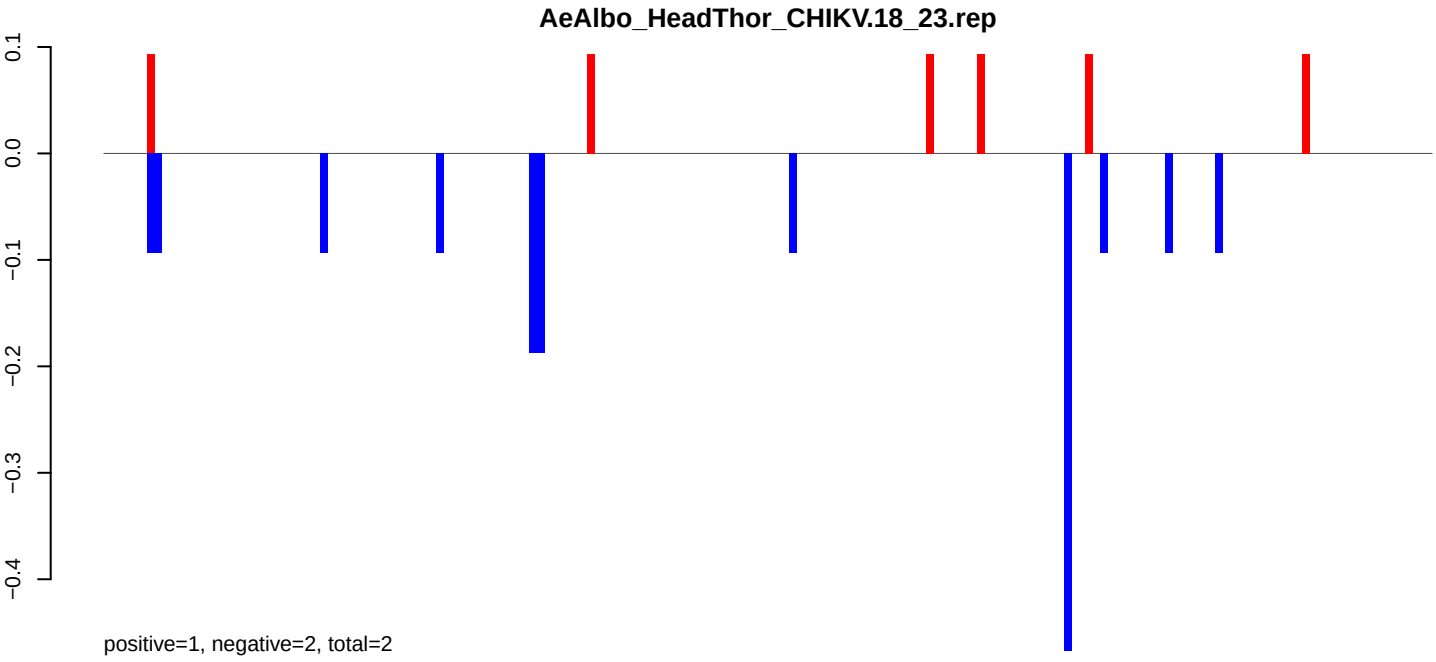

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=2, negative=24, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=24, total=26
Window size=25, length=2944, TE@ltr−1_family−5508@LTR_Pao:1−2944
0
500
1000
1500
2000
2500
3000

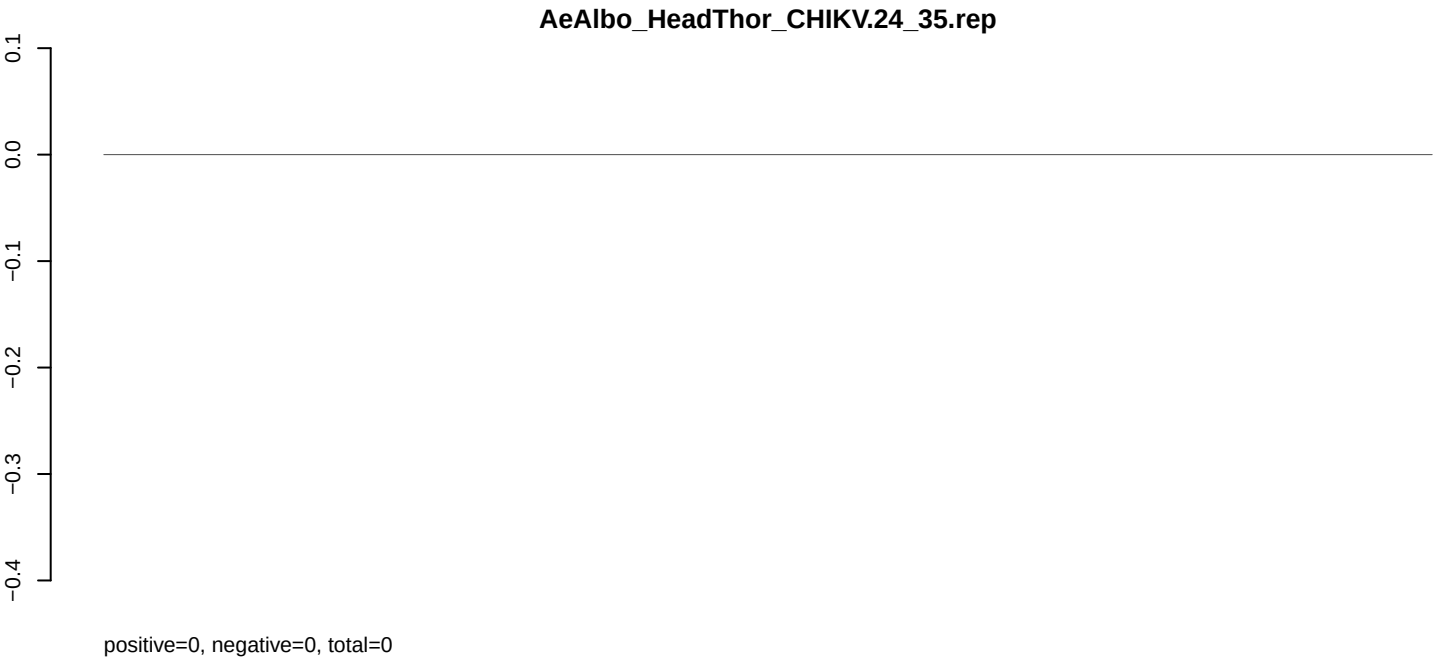
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=4, negative=52, total=56

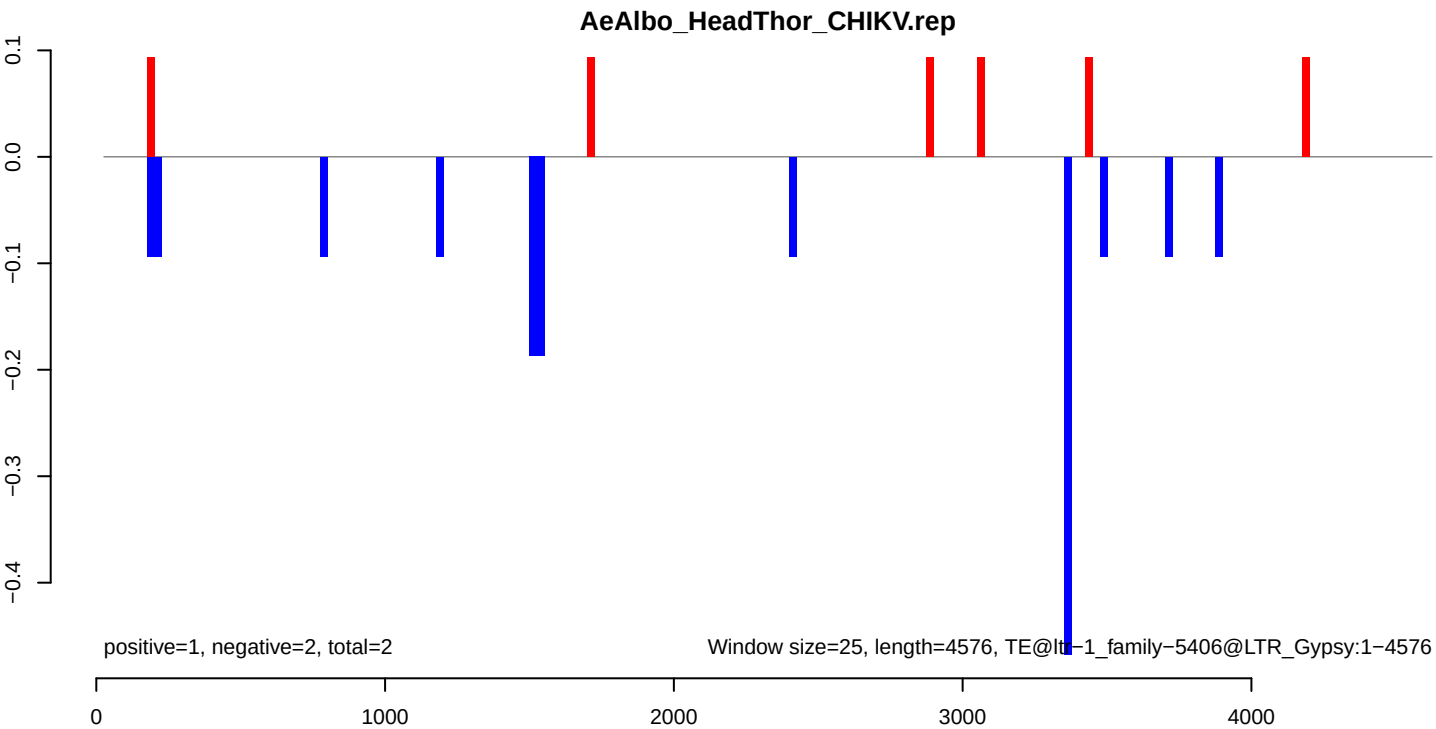

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0

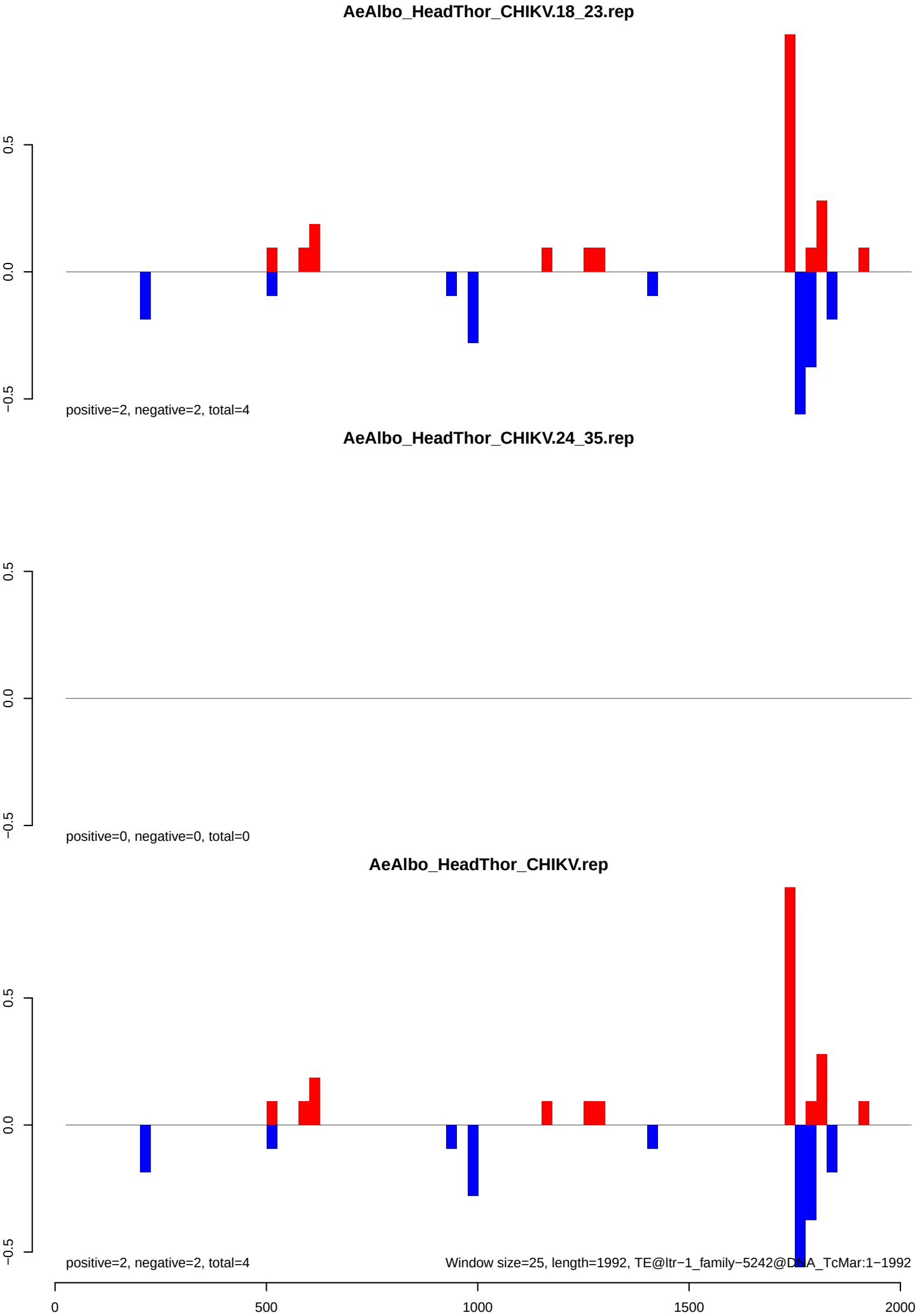

AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=4, negative=52, total=56
Window size=25, length=1247, TE@ltr−1_family−5489@LTR_Gypsy:1−1247
0
200
400
600
800
1000
1200

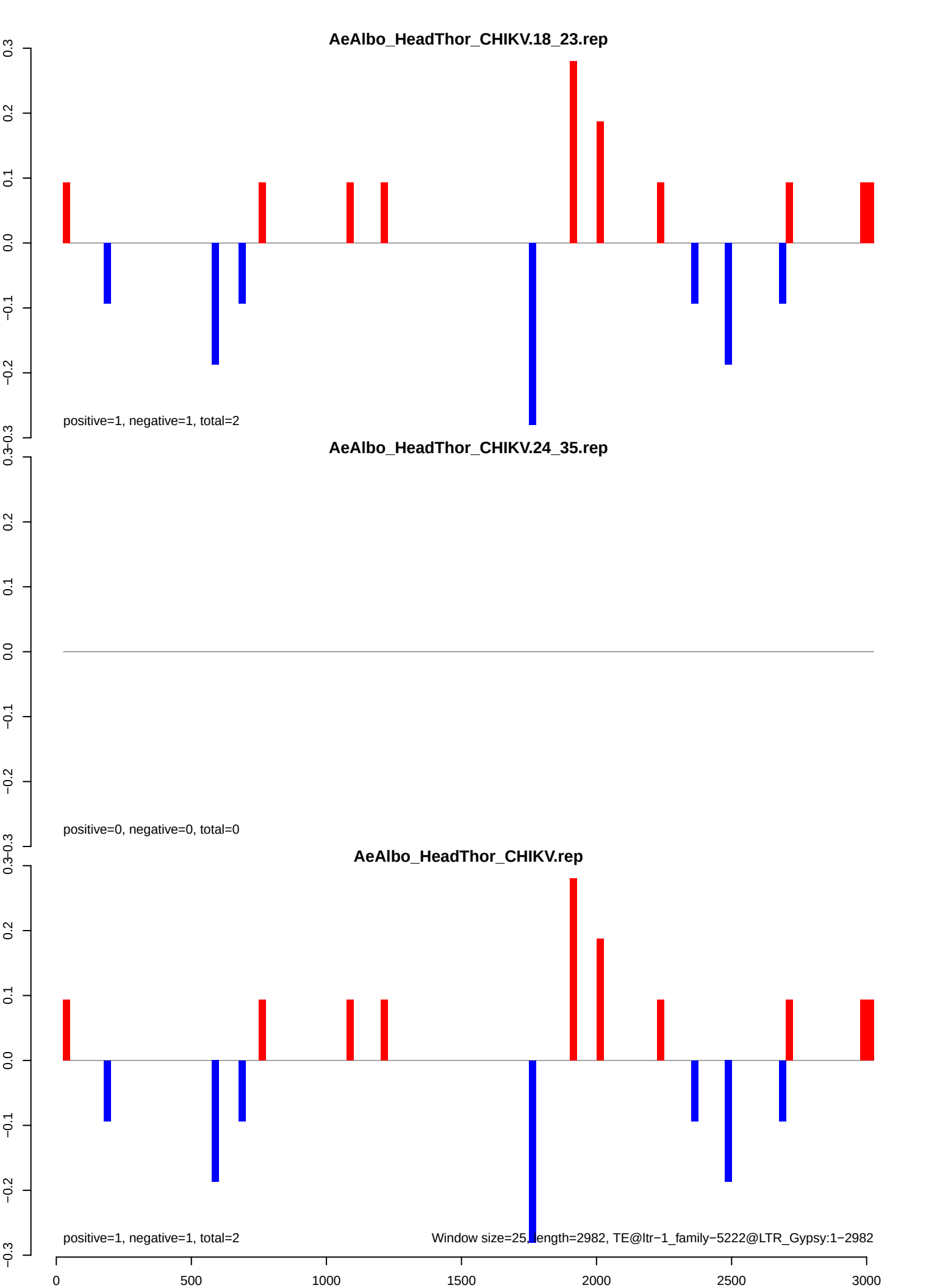

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=1, negative=5, total=6
Window size=25, length=4825, TE@ltr−1_family−5432@LTR_Gypsy:1−4825
0
1000
2000
3000
4000
5000

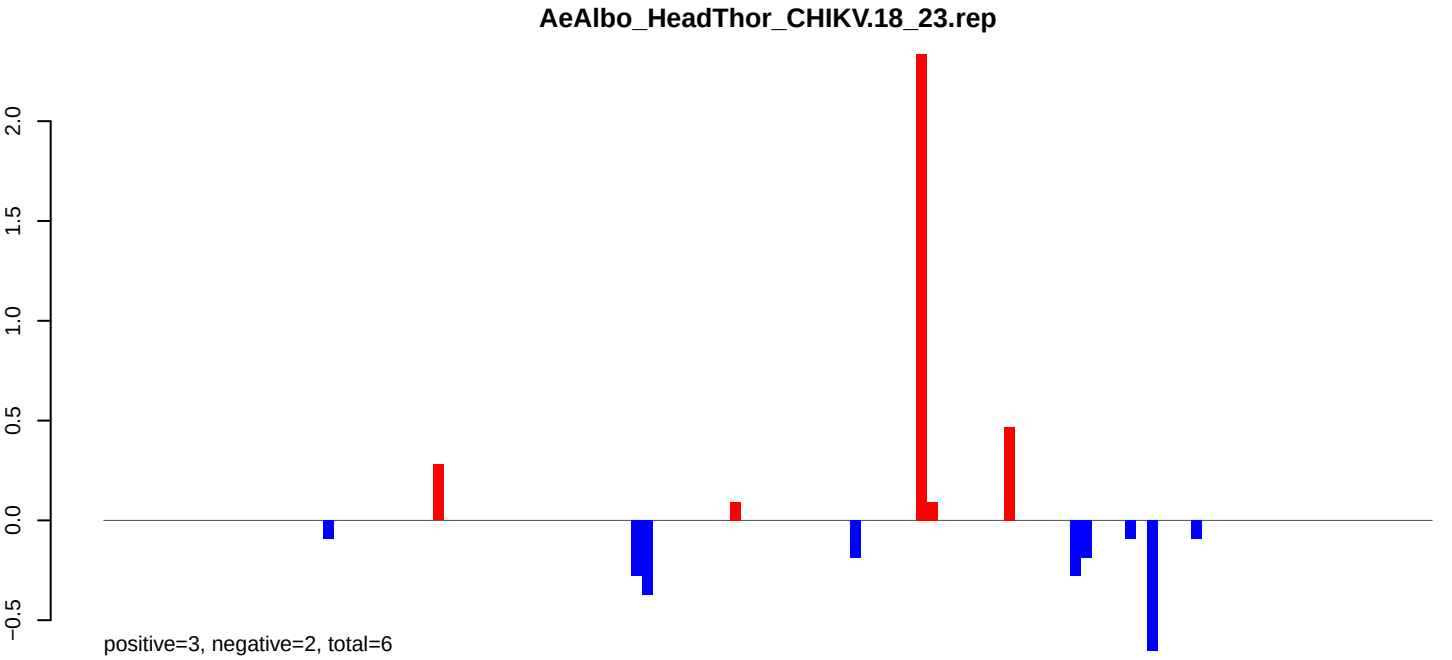

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=2, total=2

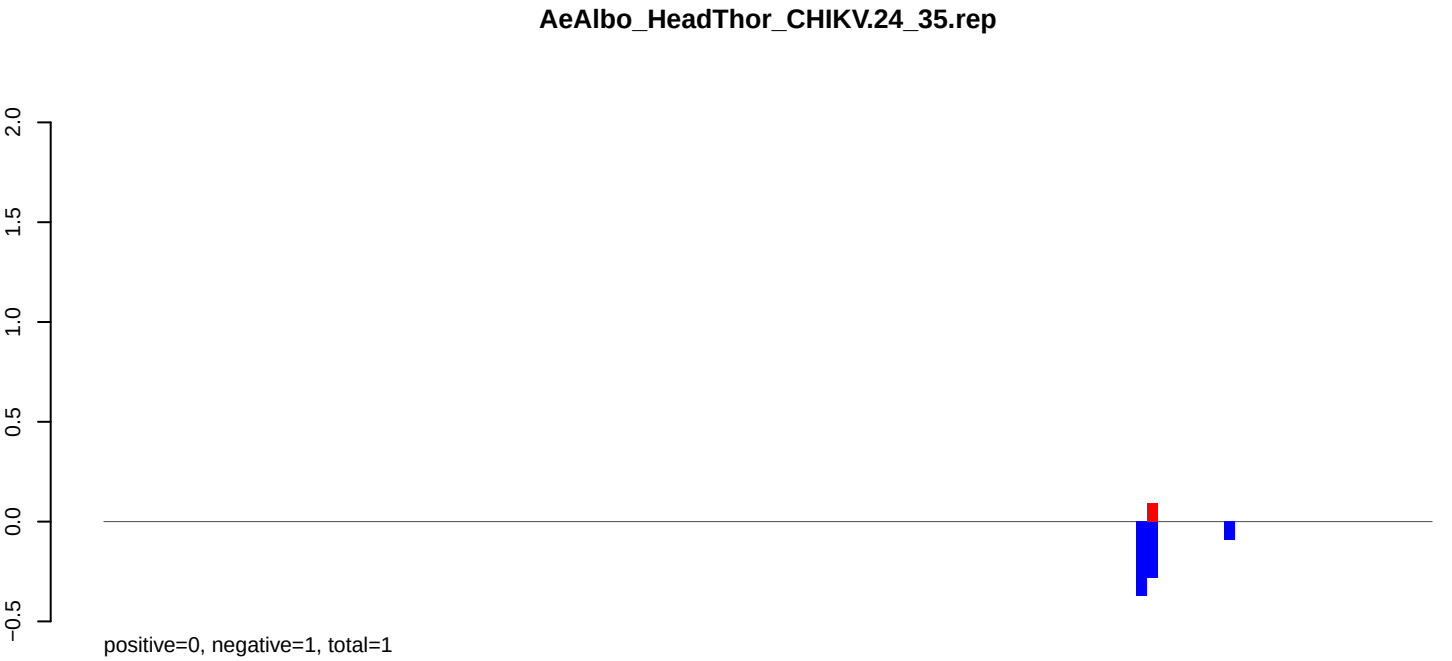

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

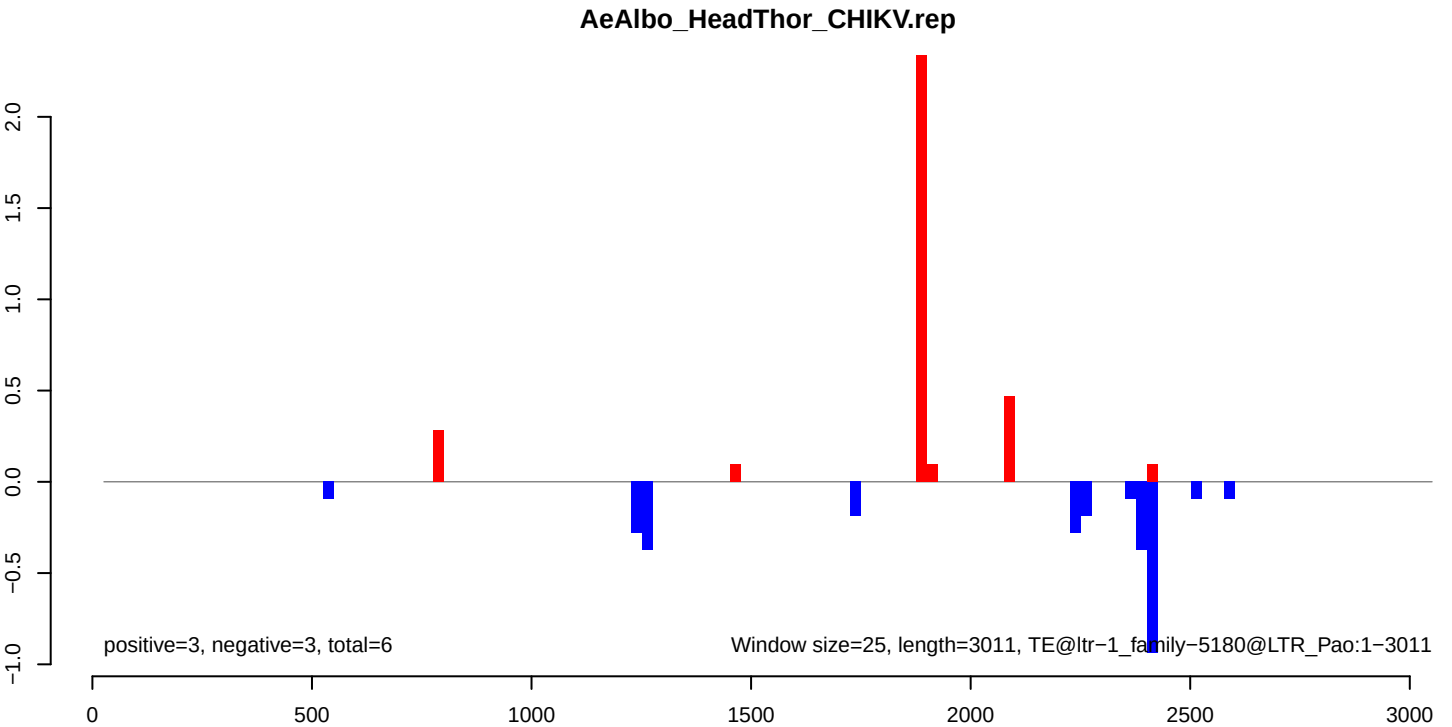

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=2, total=2
Window size=25, length=4576, TE@lt
−1_family−5406@LTR_Gypsy:1−4576
0
1000
2000
3000
4000

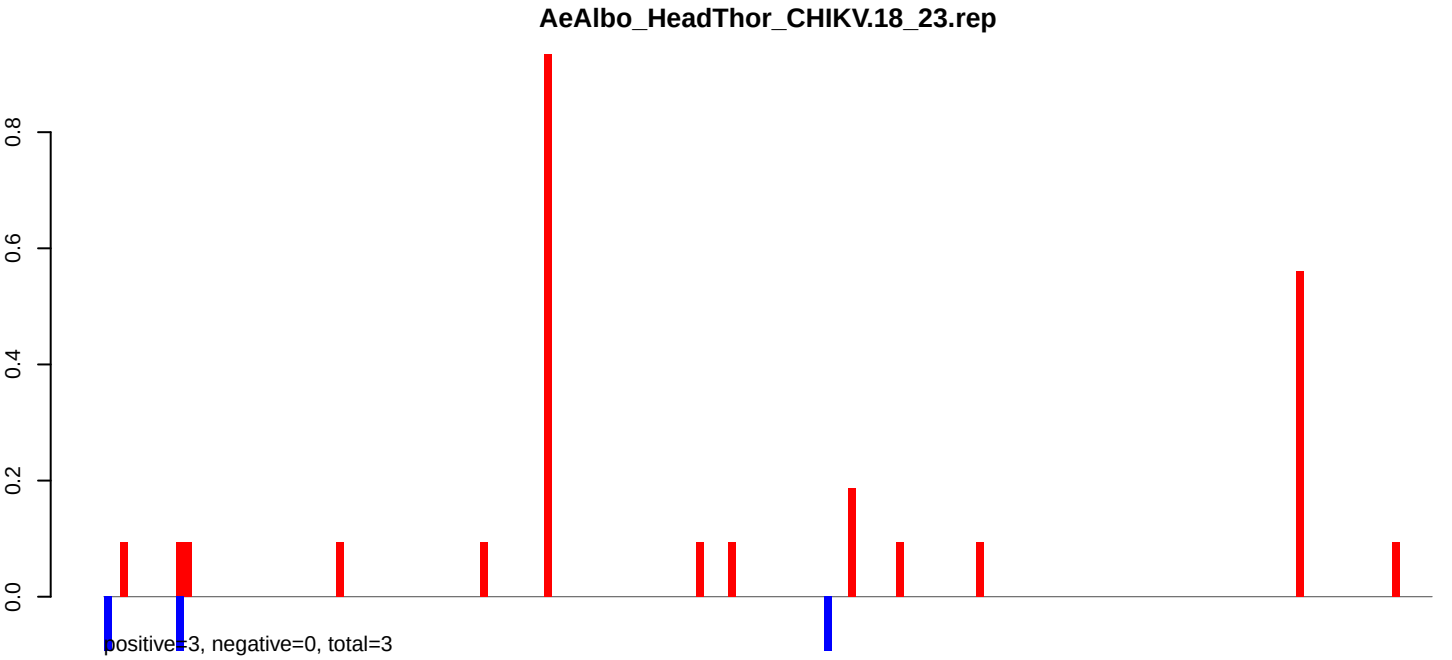

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=2, negative=2, total=4
Window size=25, length=1992, TE@ltr−1_family−5242@DNA_TcMar:1−1992
0
500
1000
1500
2000

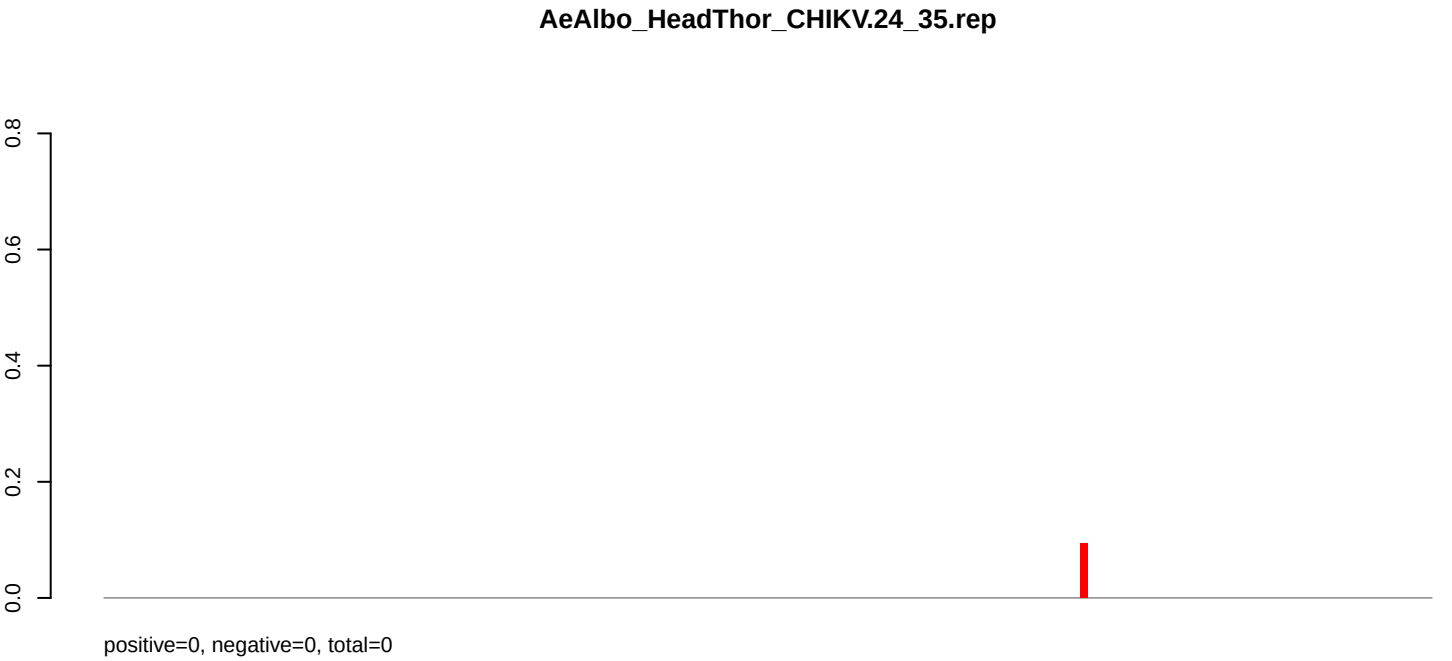

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2982, TE@ltr−1_family−5222@LTR_Gypsy:1−2982
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500
2000
2500
3000

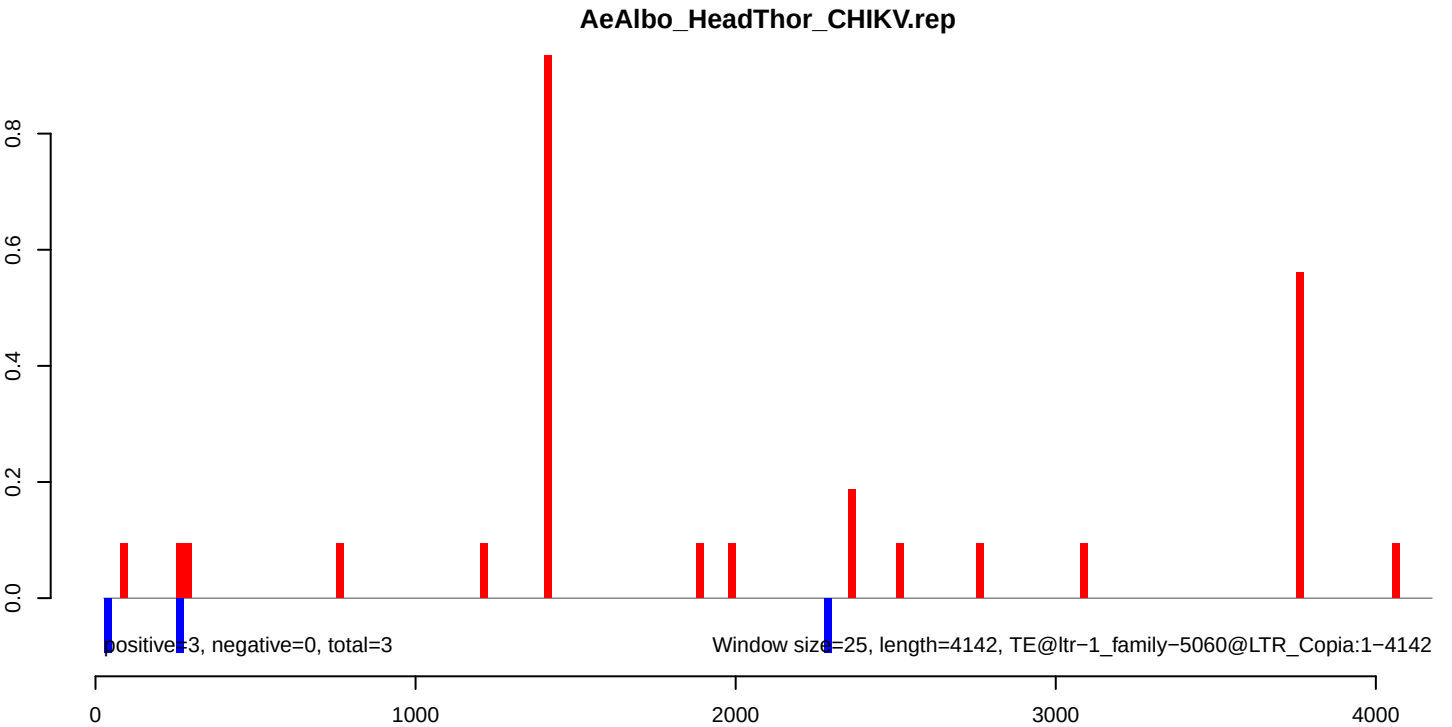

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=6

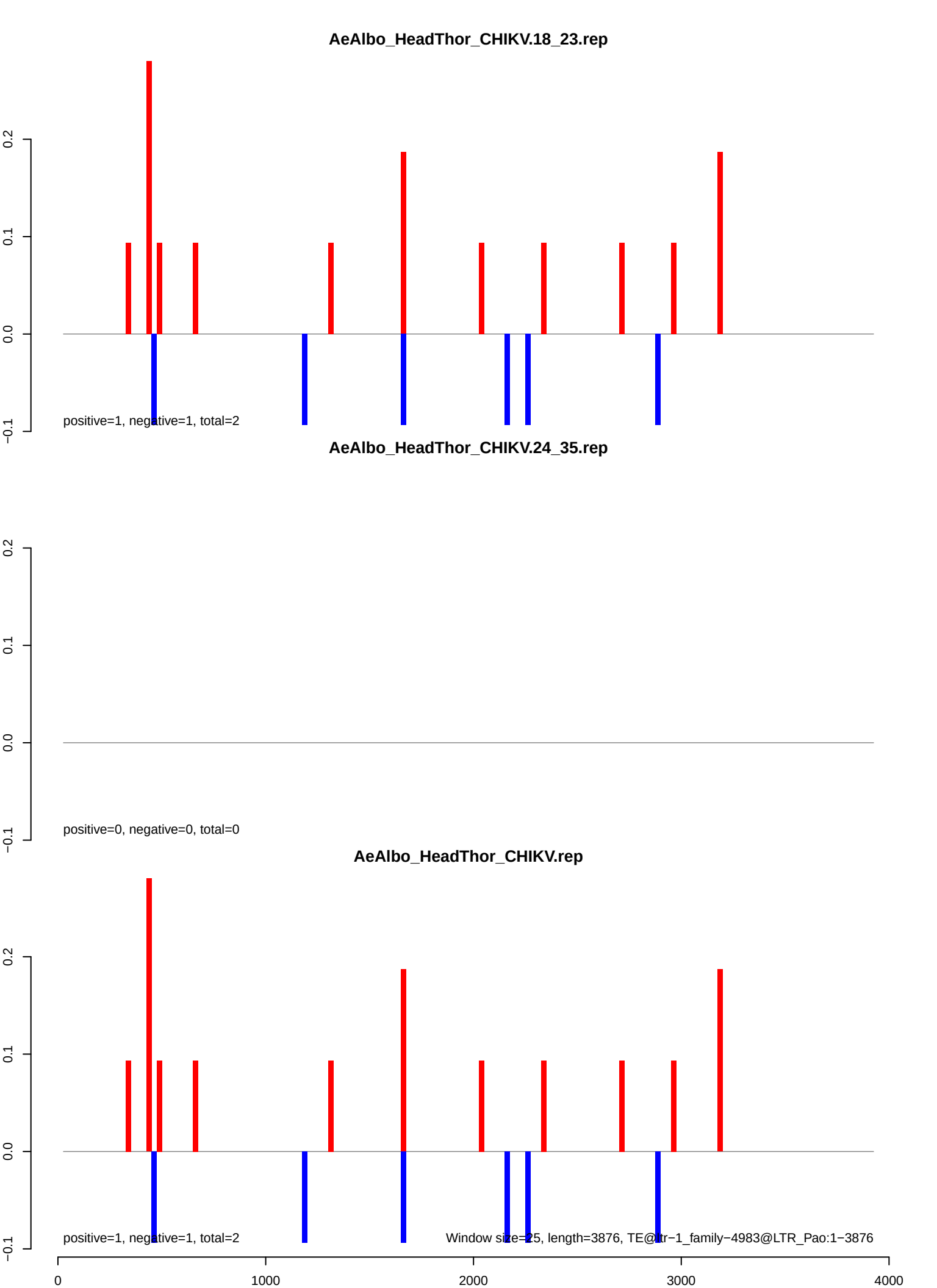

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=1, total=1

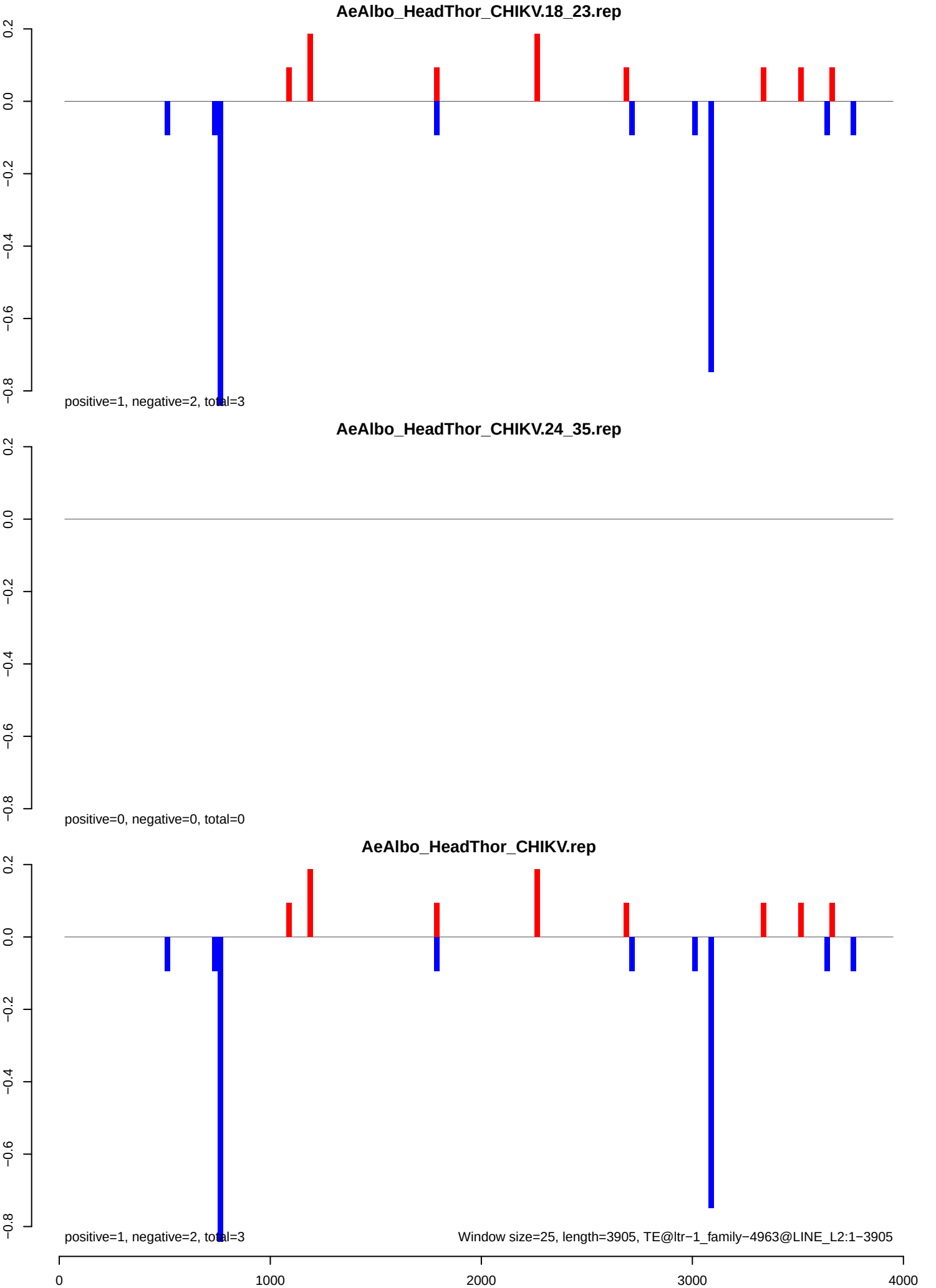

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
Window size=25, length=3011, TE@ltr−1_family−5180@LTR_Pao:1−3011
0
500
1000
1500
2000
2500
3000

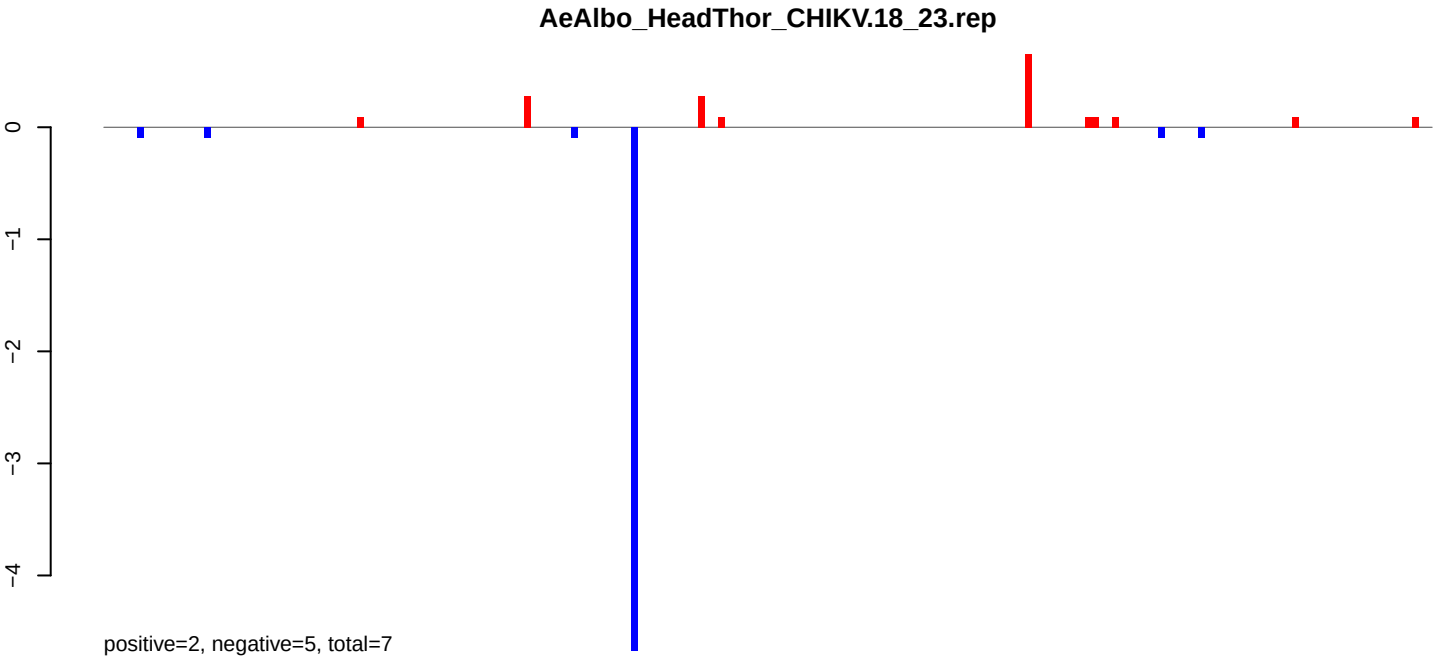

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=3, negative=0, total=3

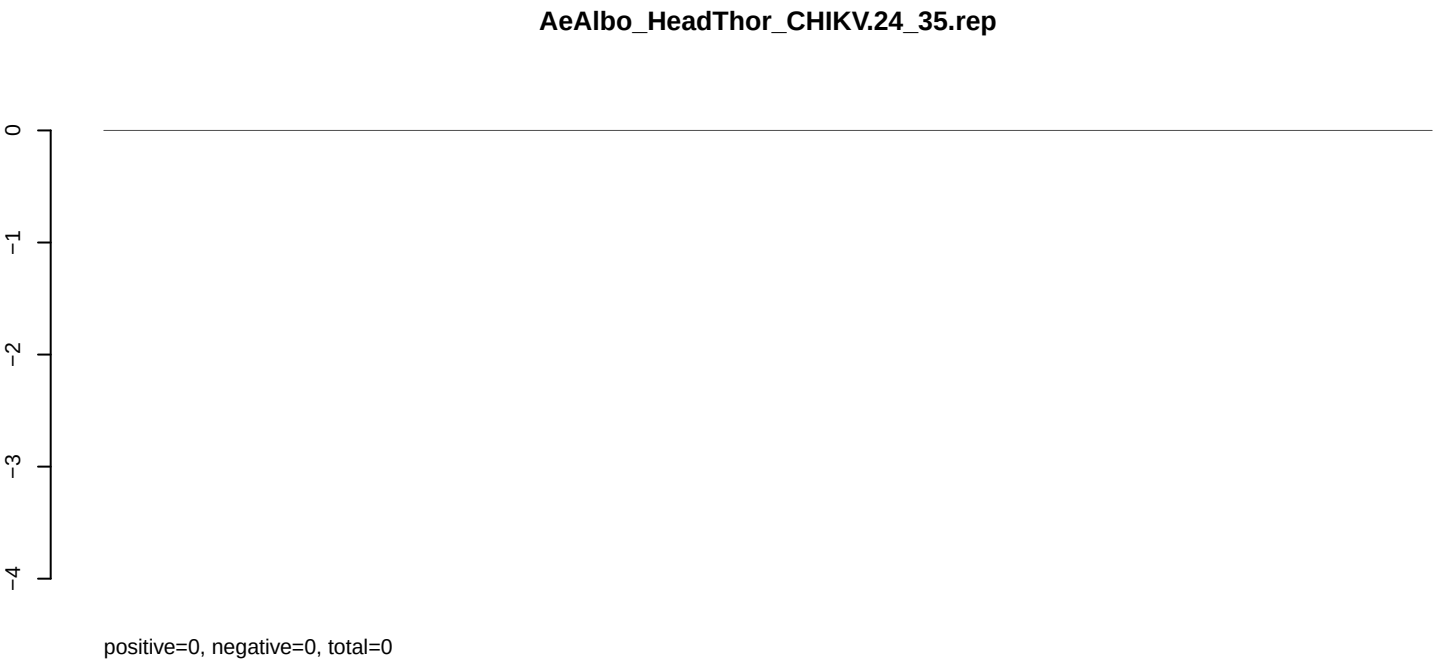

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0

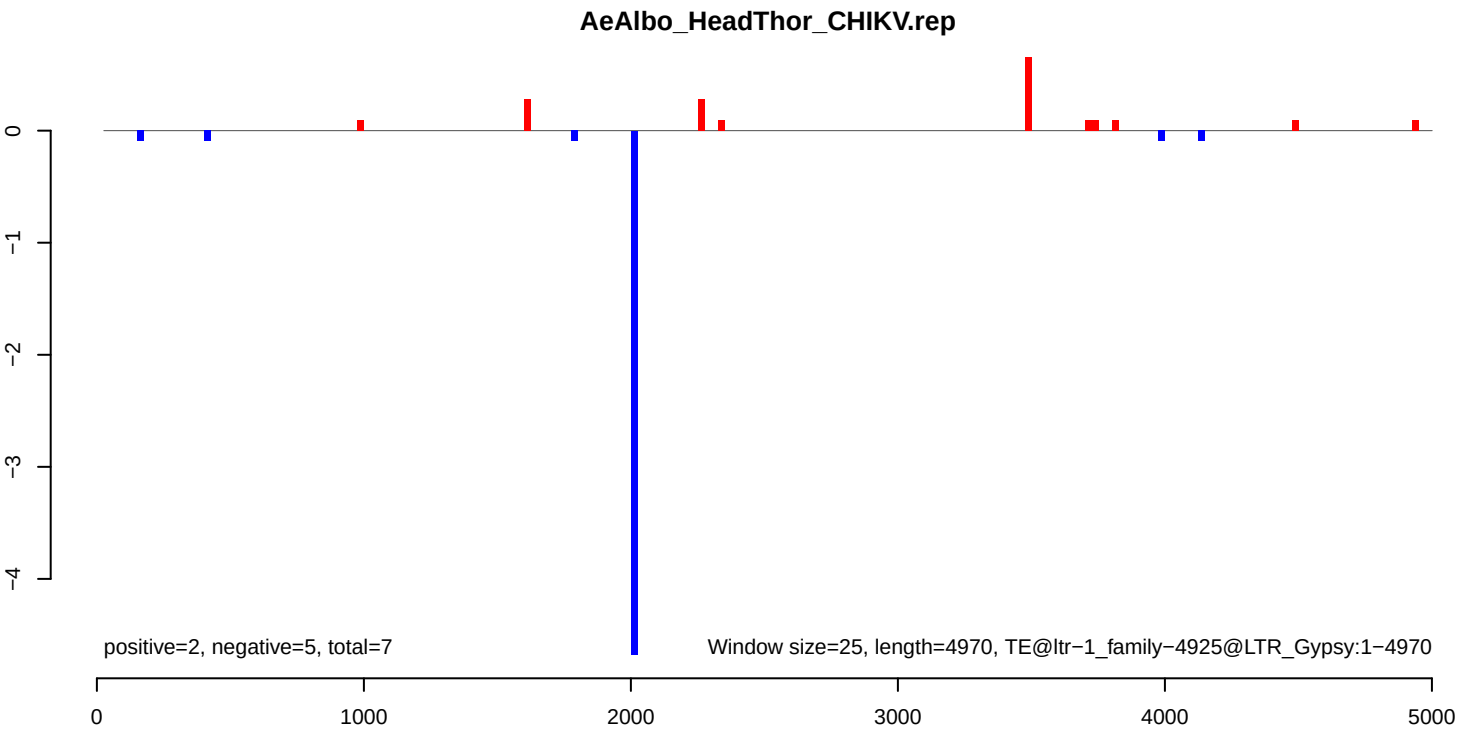

AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=3, negative=0, total=3
Window size=25, length=4142, TE@ltr−1_family−5060@LTR_Copia:1−4142
0
1000
2000
3000
4000

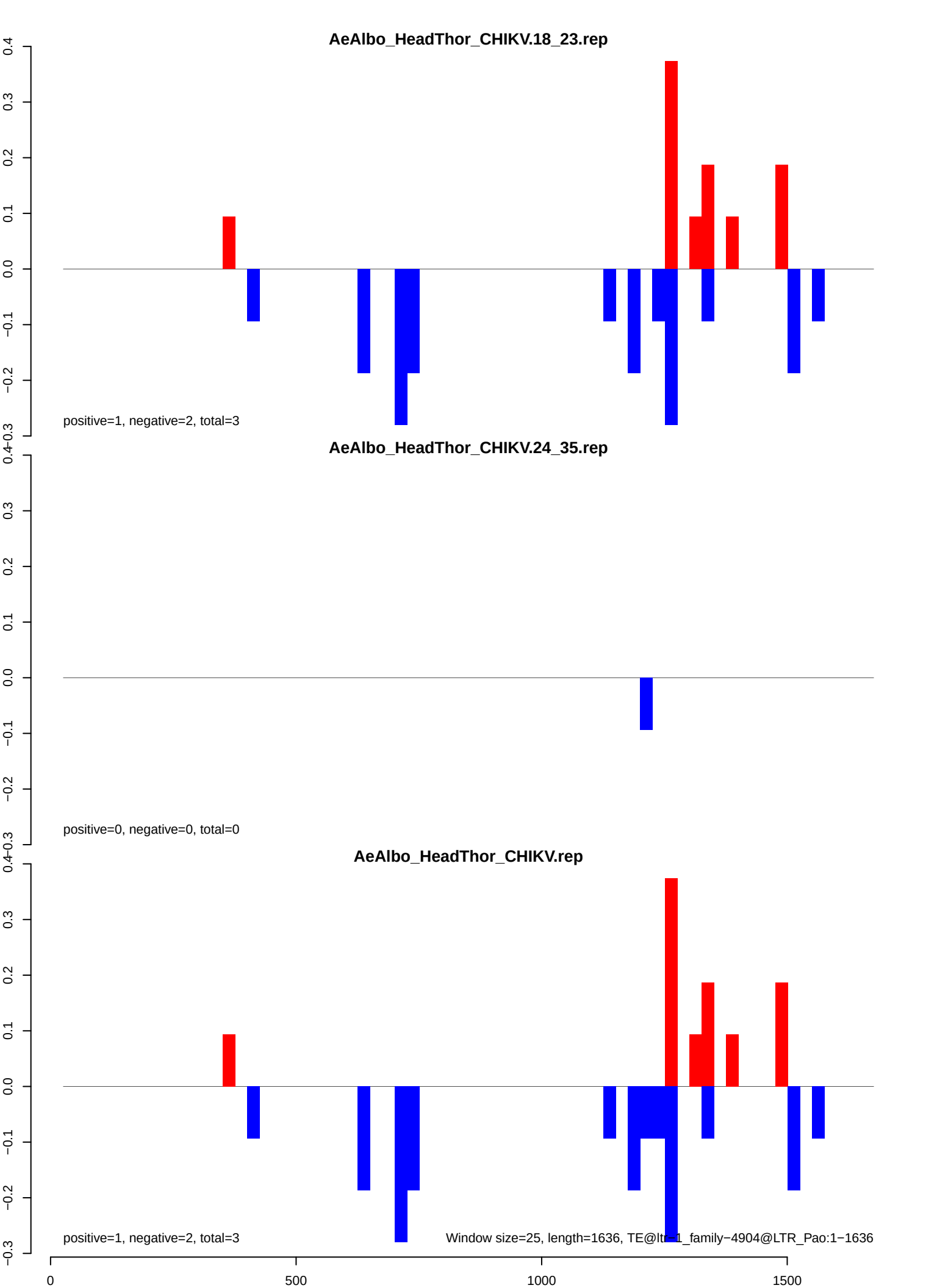

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=2
Window size=25, length=3876, TE@ltr−1_family−4983@LTR_Pao:1−3876
0
1000
2000
3000
4000

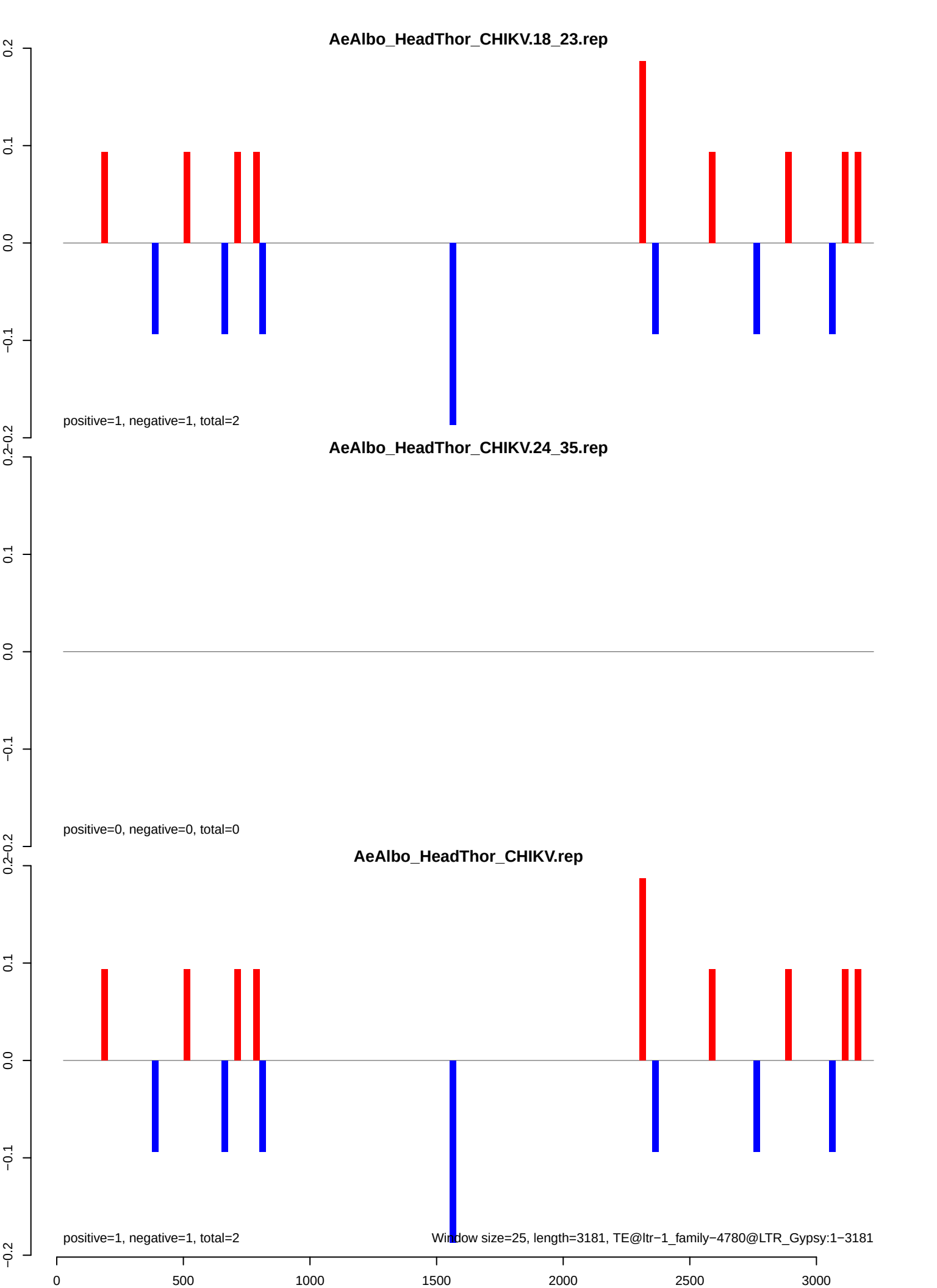

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=3905, TE@ltr−1_family−4963@LINE_L2:1−3905
0
1000
2000
3000
4000

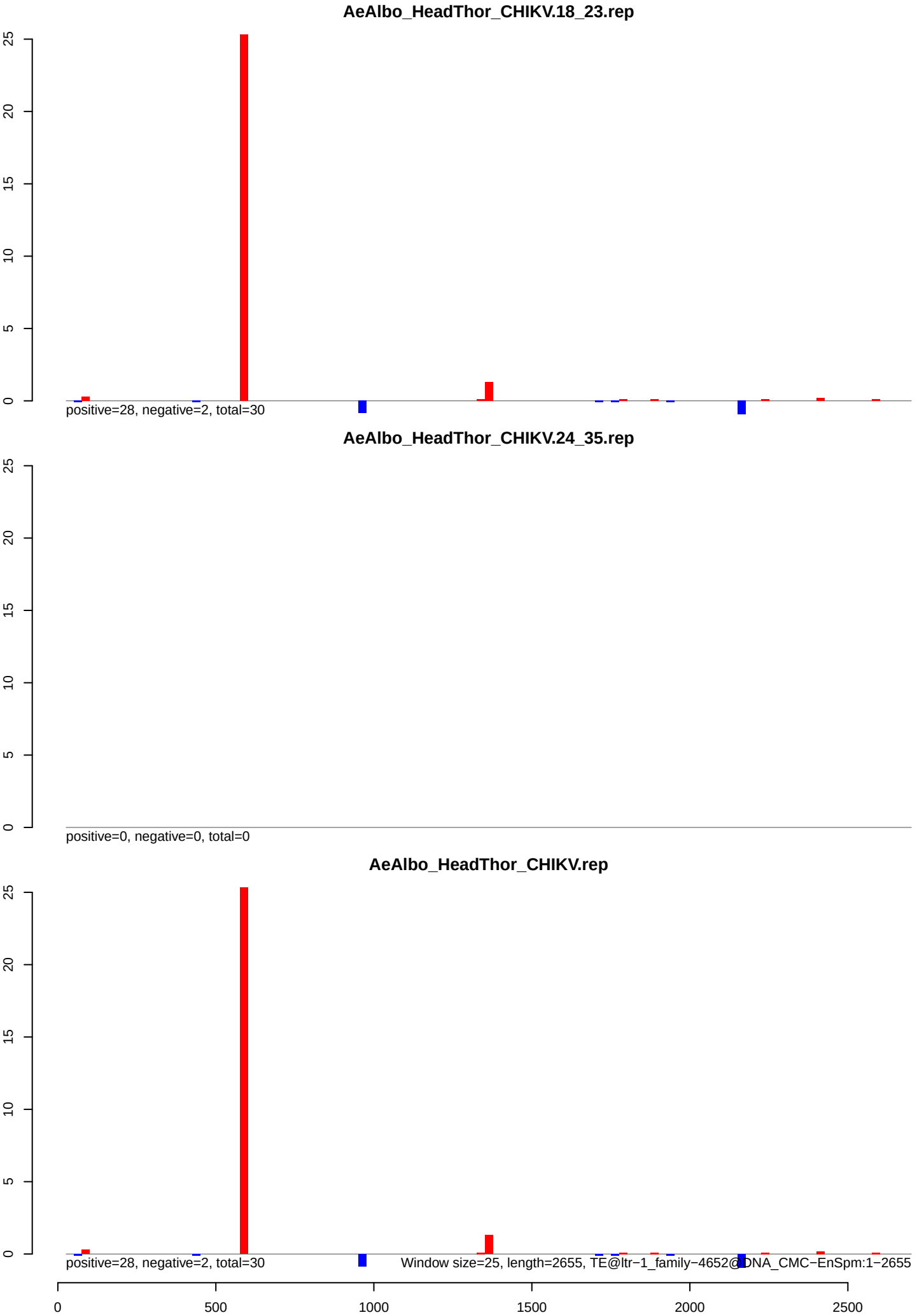

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=2, negative=5, total=7

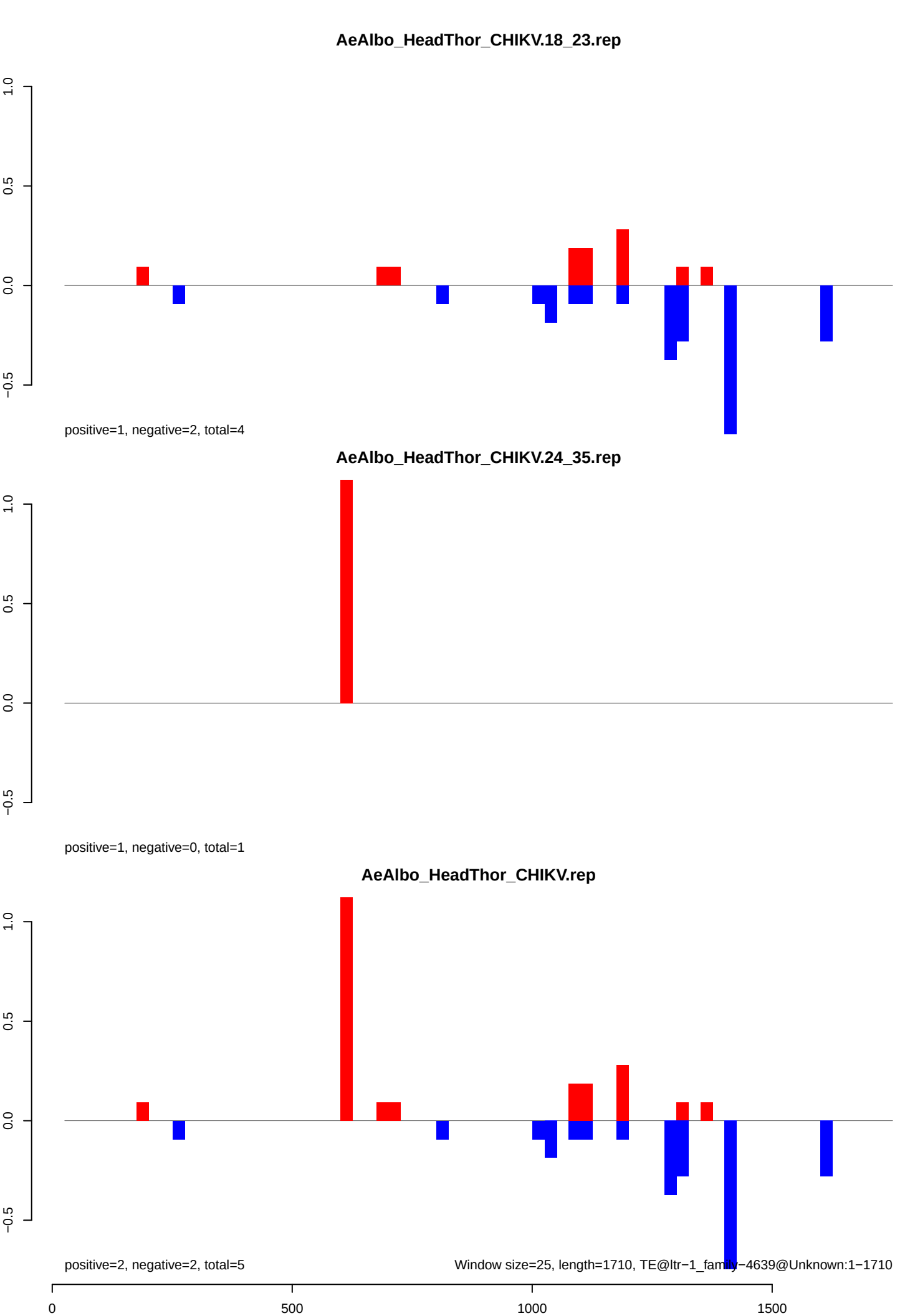

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0

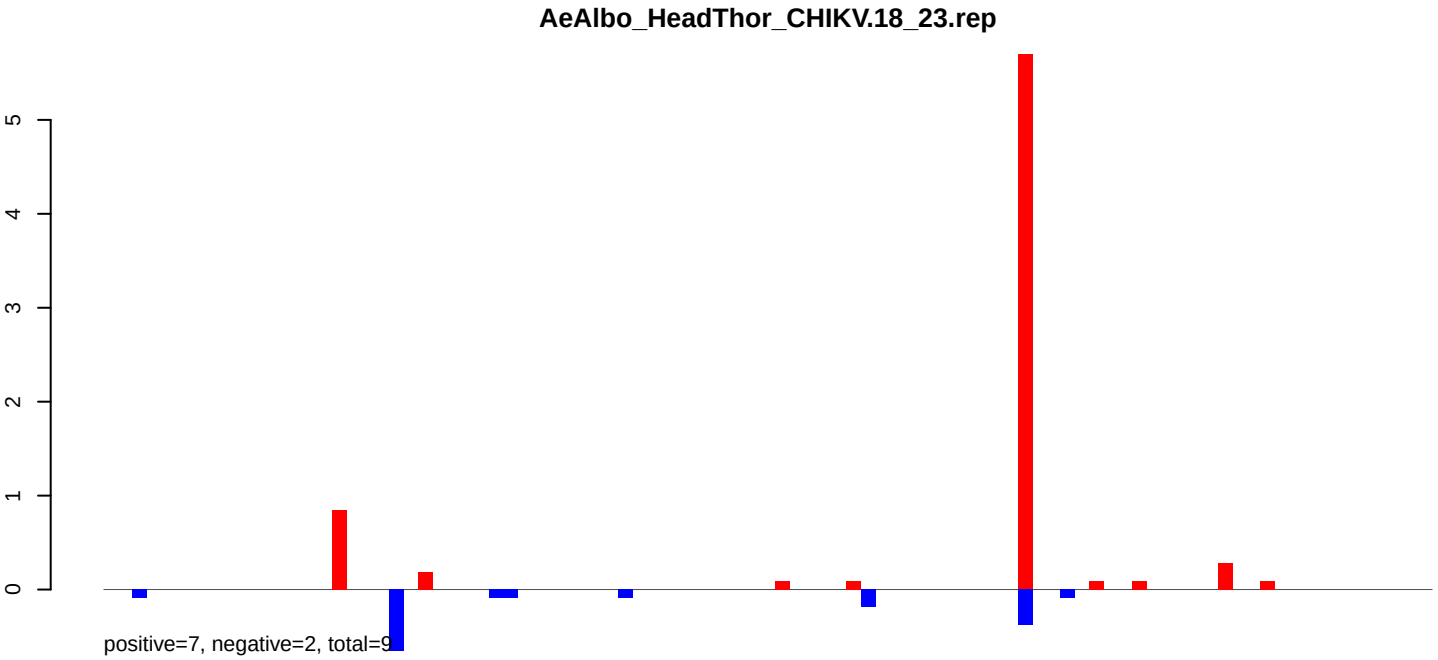

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=2, negative=5, total=7
Window size=25, length=4970, TE@ltr−1_family−4925@LTR_Gypsy:1−4970
0
1000
2000
3000
4000
5000

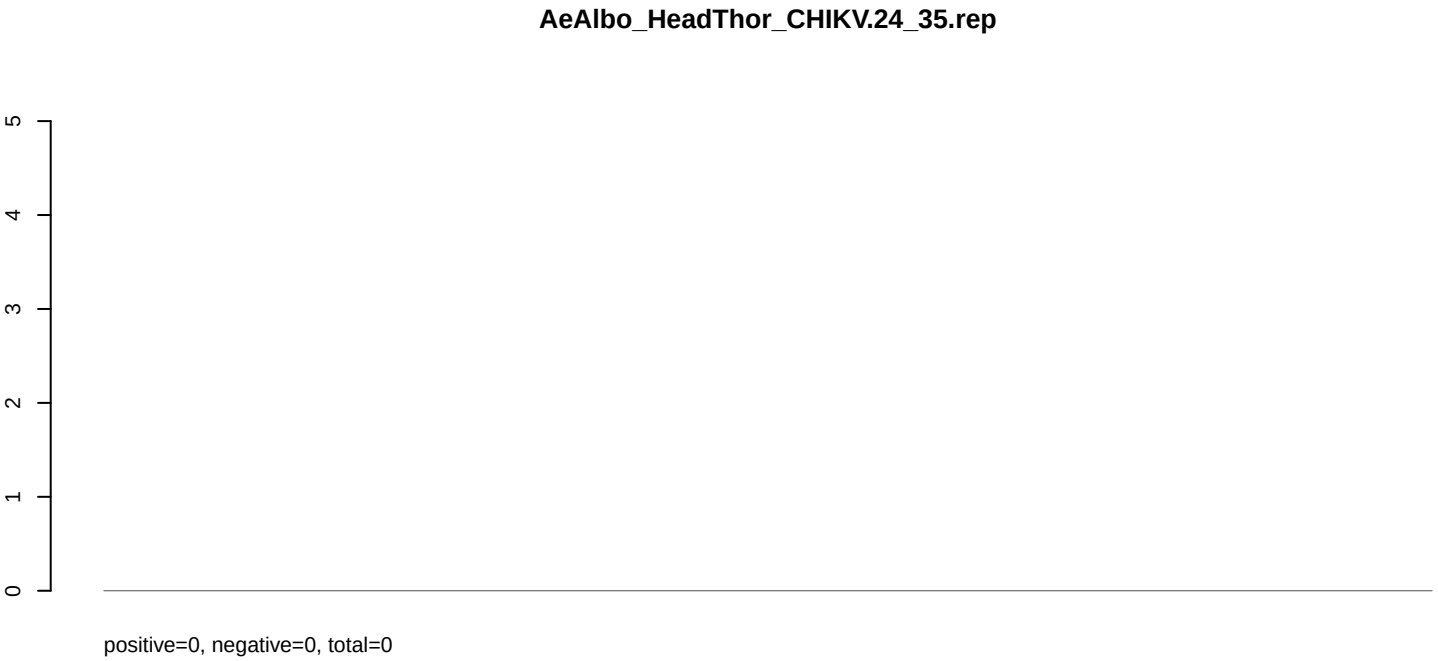

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=1636, TE@ltr_1_family−4904@LTR_Pao:1−1636
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500

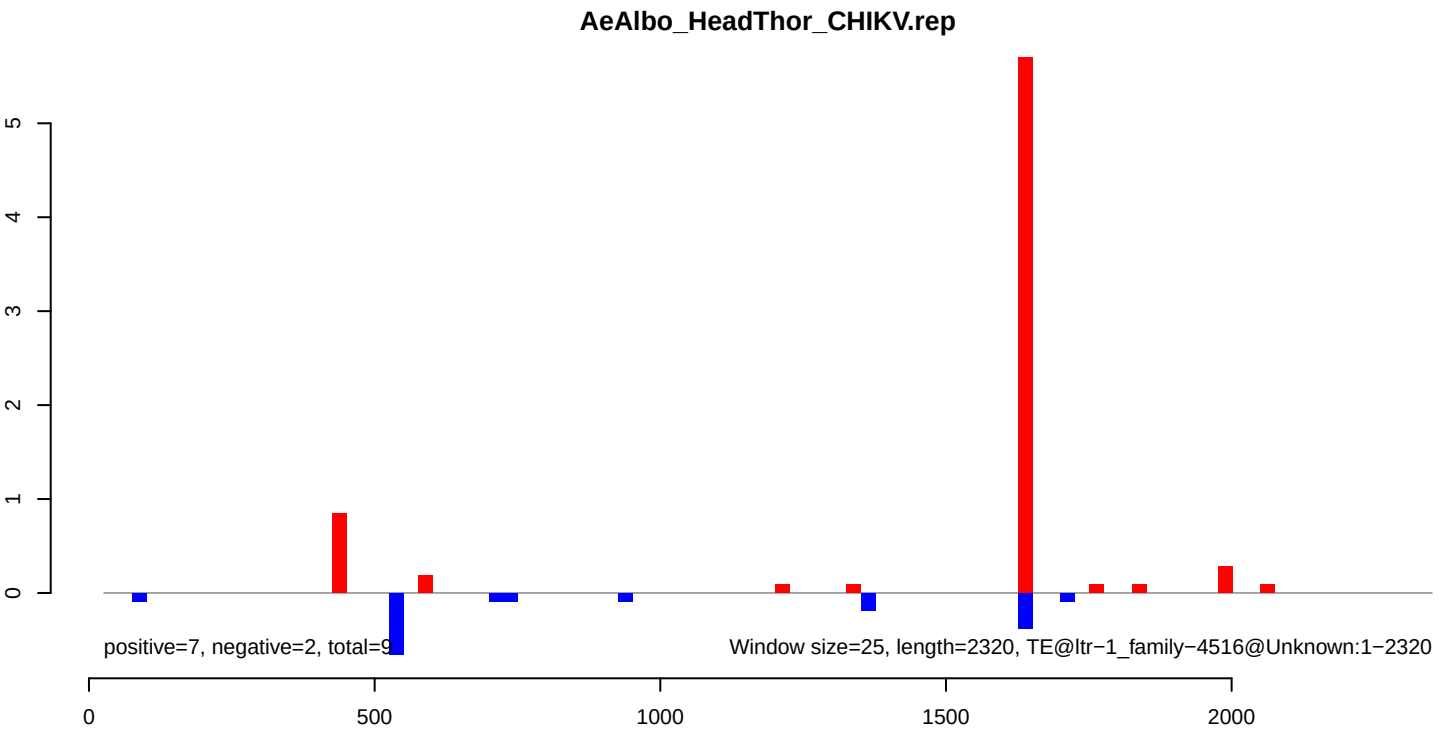

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=3181, TE@ltr−1_family−4780@LTR_Gypsy:1−3181
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500
3000

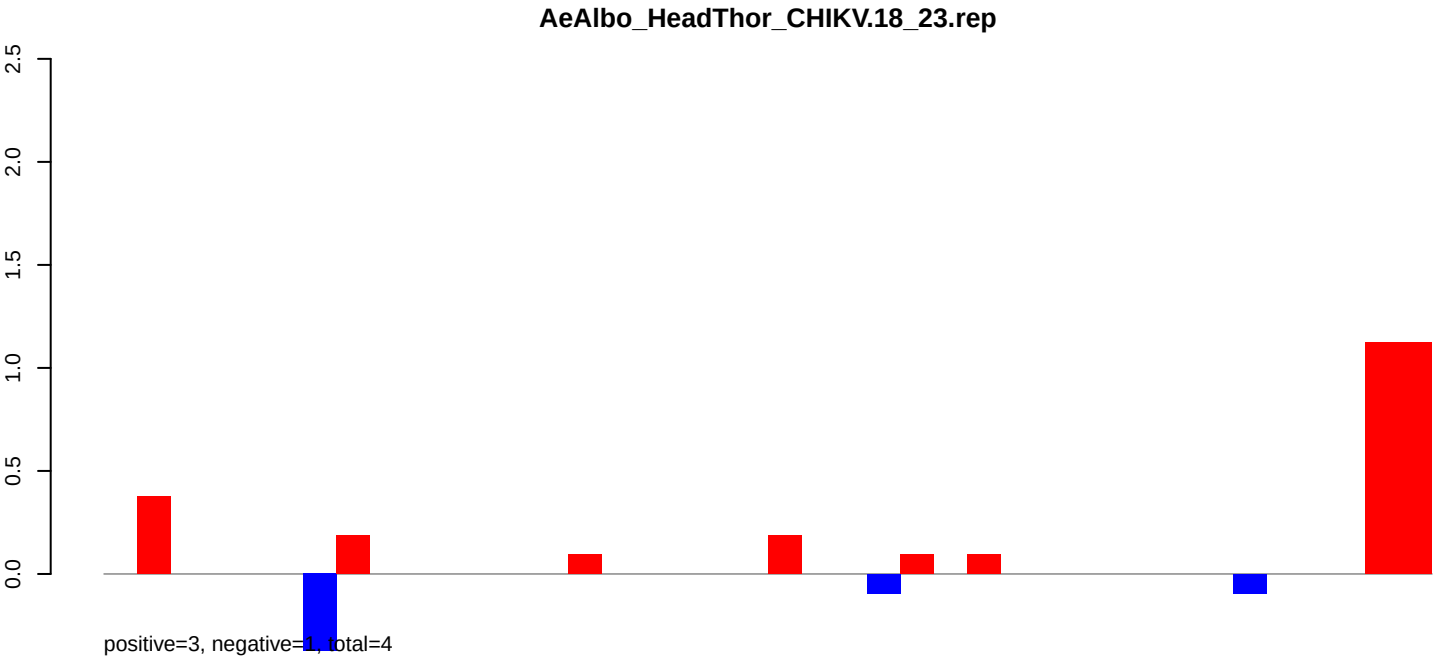

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
25
positive=28, negative=2, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
25
positive=28, negative=2, total=30
Window size=25, length=2655, TE@ltr−1_family−4652@DNA_CMC−EnSpm:1−2655
0
500
1000
1500
2000
2500

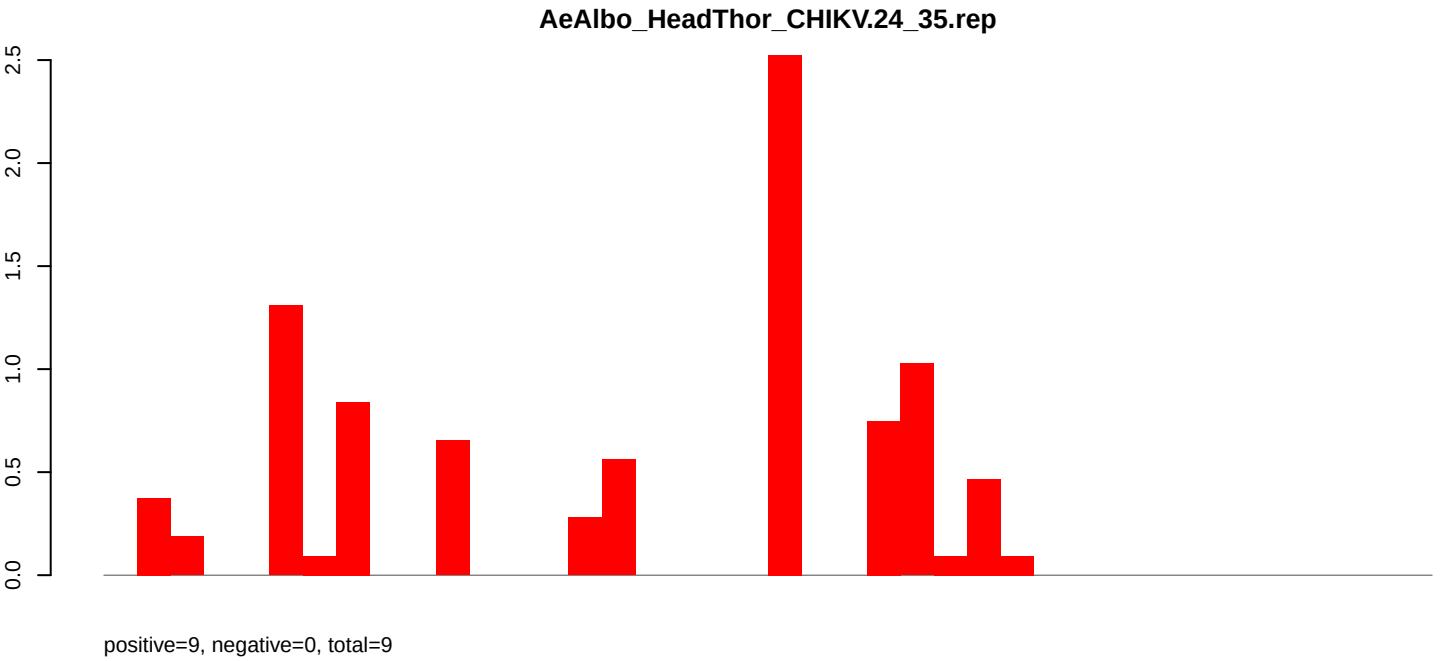

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=1, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=5
Window size=25, length=1710, TE@ltr−1_family−4639@Unknown:1−1710
0
500
1000
1500

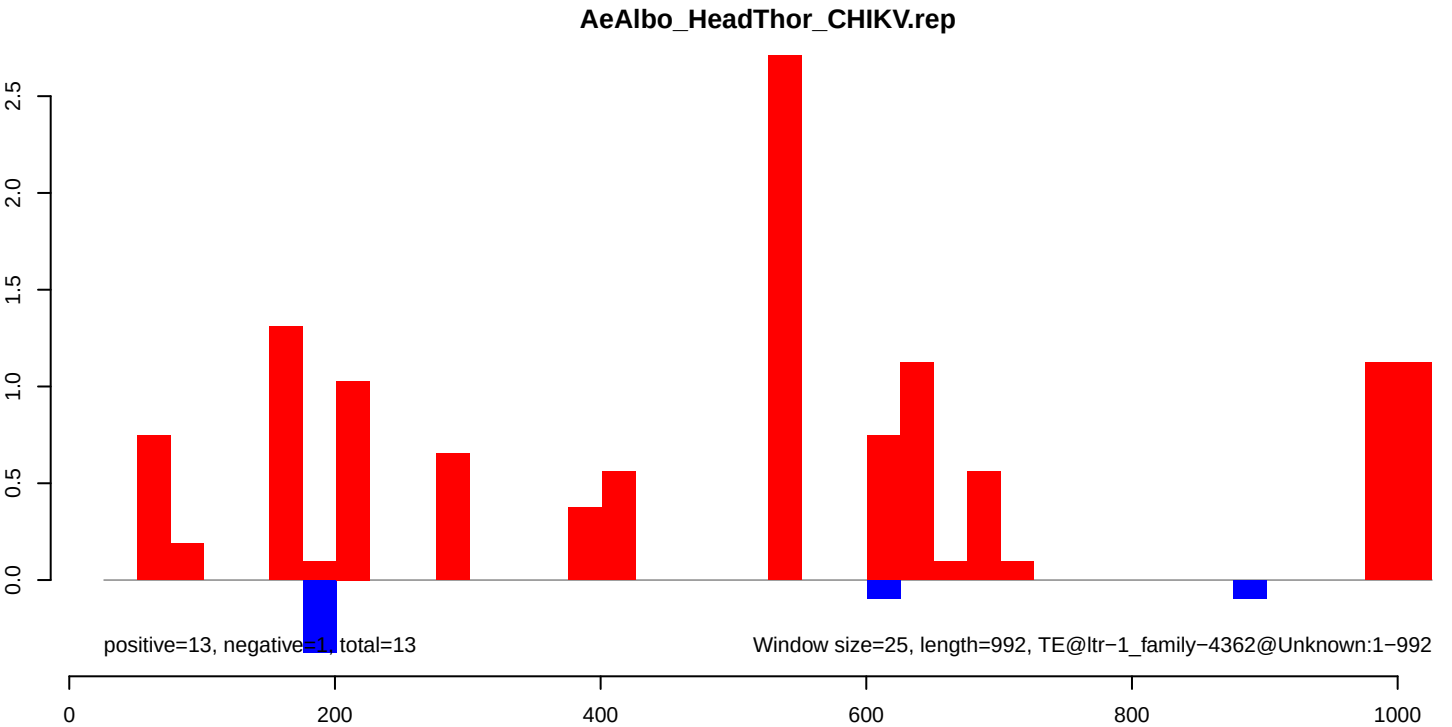

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
positive=7, negative=2, total=9

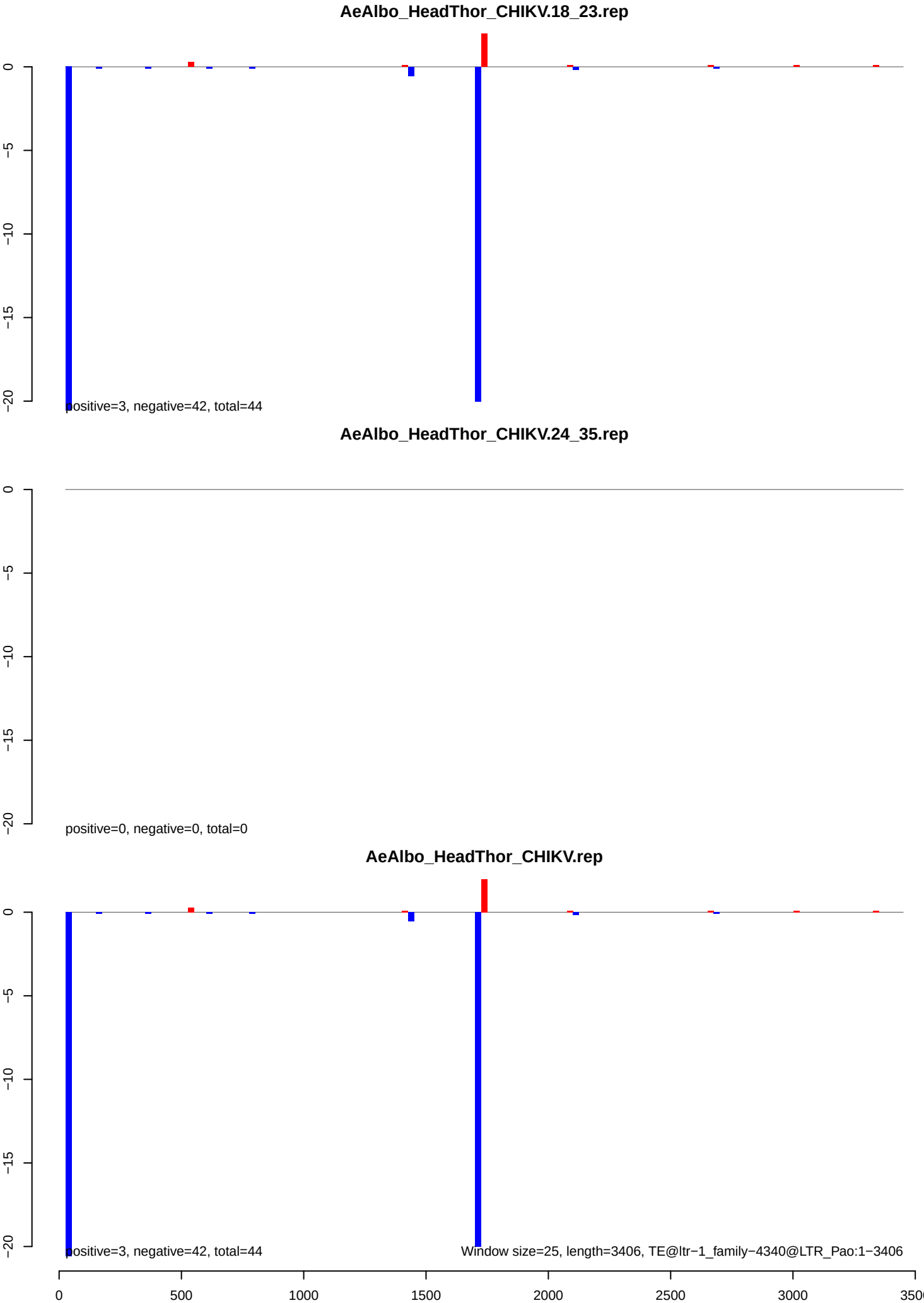

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
positive=0, negative=0, total=0

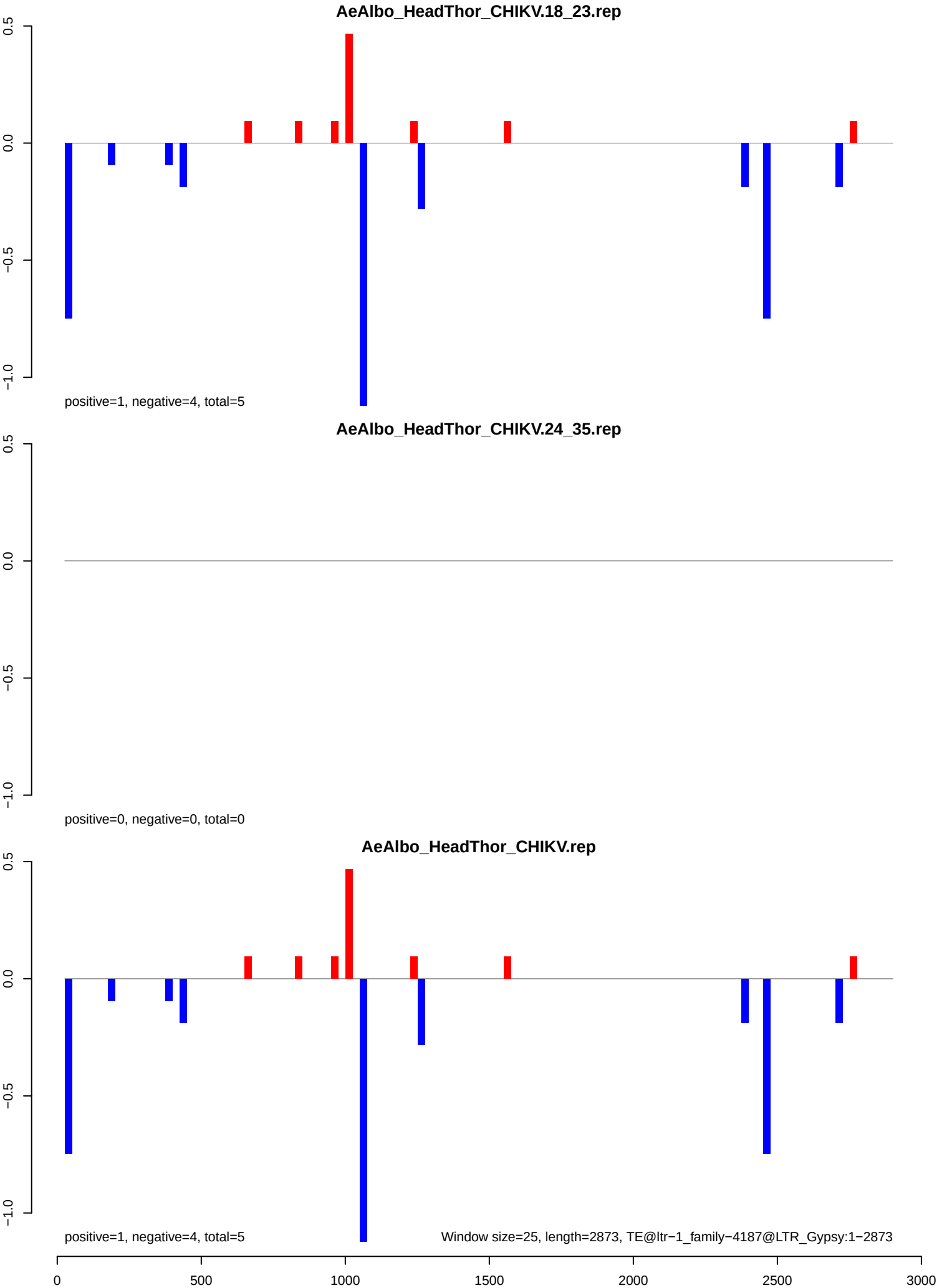

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=7, negative=2, total=9
Window size=25, length=2320, TE@ltr−1_family−4516@Unknown:1−2320
0
500
1000
1500
2000

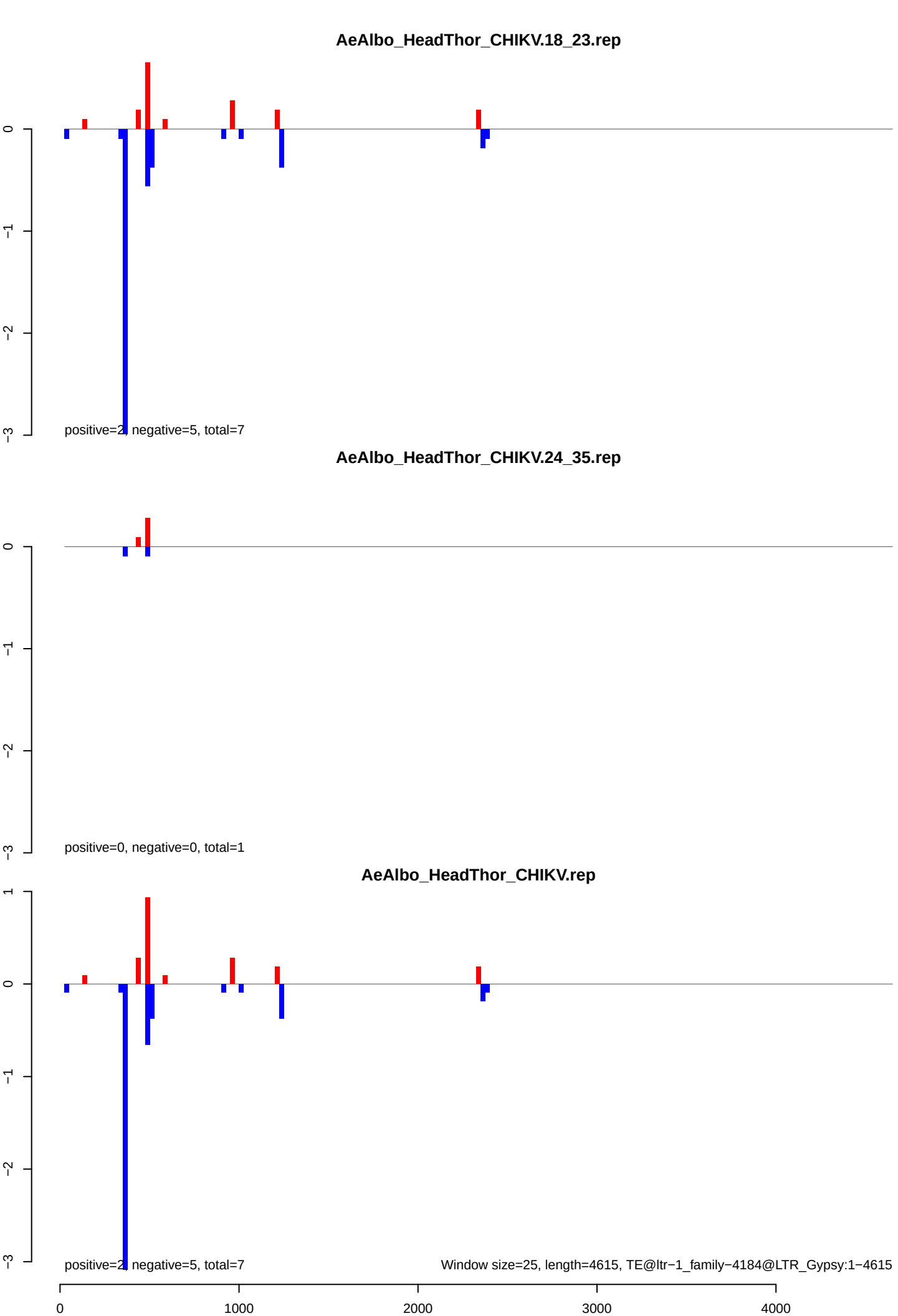

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=3, negative=1, total=4

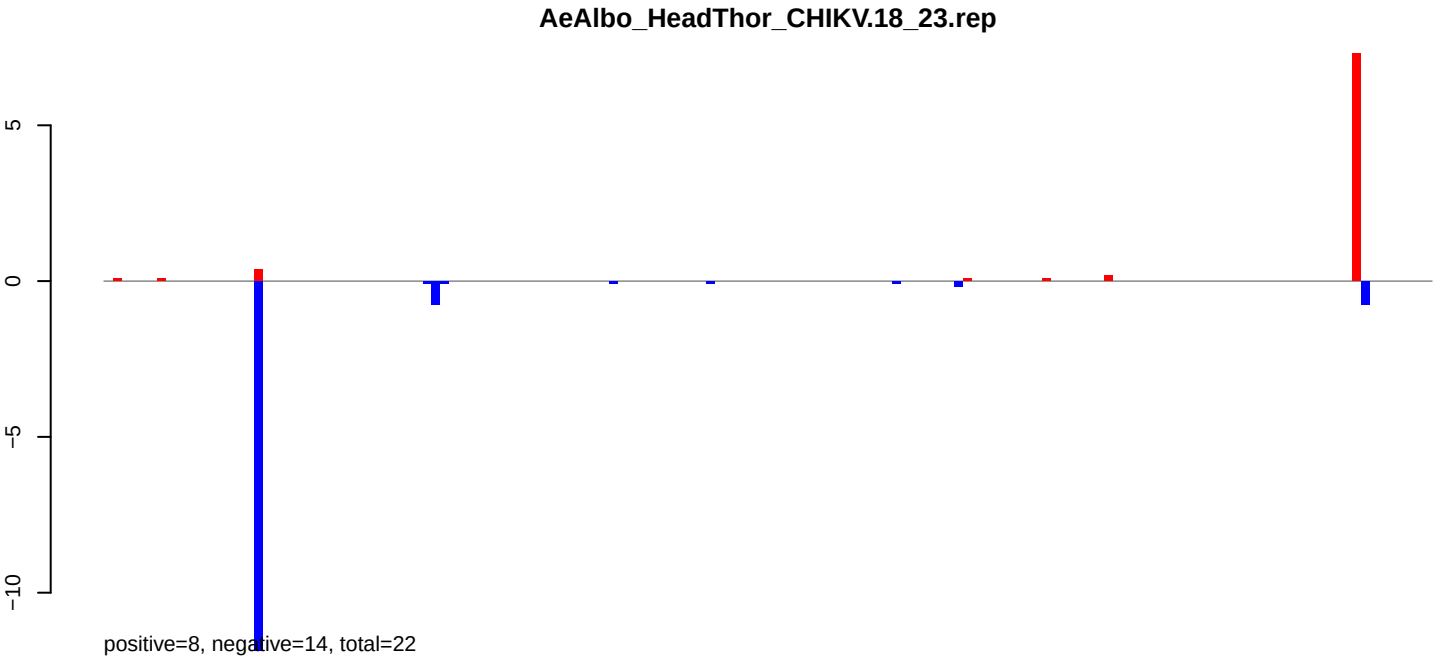

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=9, negative=0, total=9

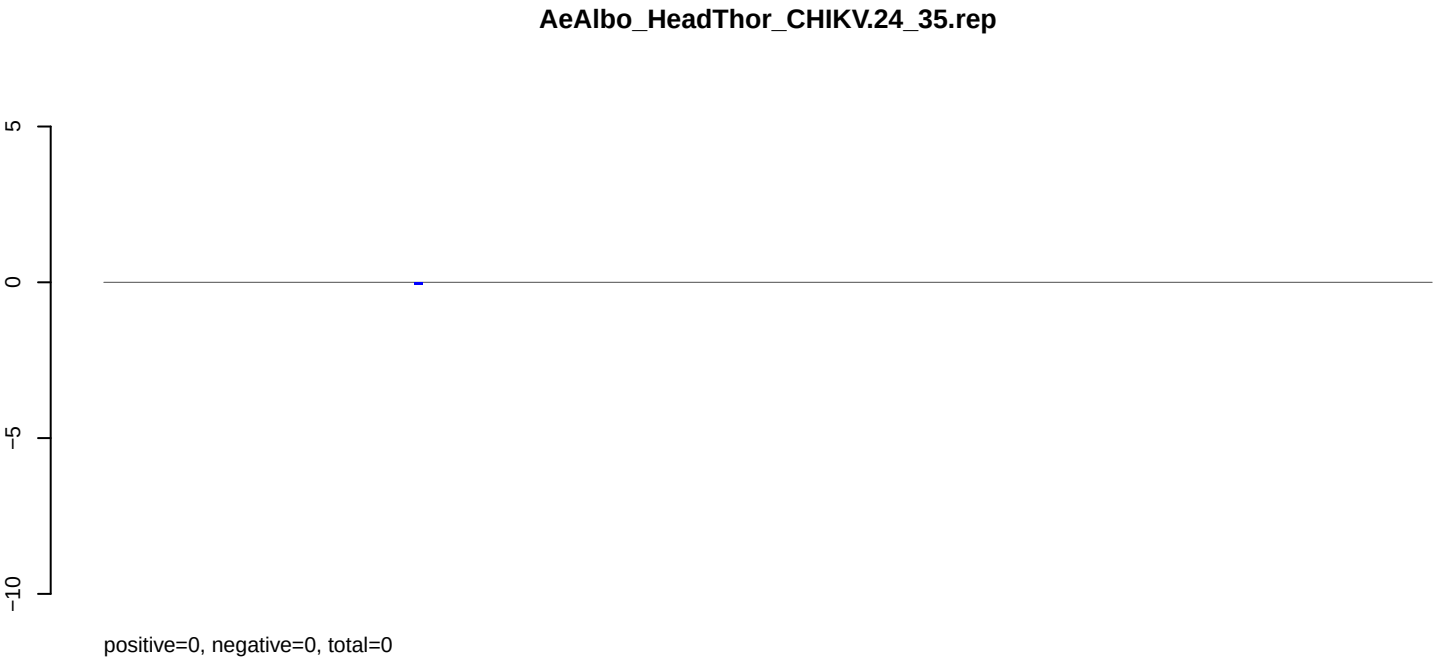

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=13, negative=1, total=13
Window size=25, length=992, TE@ltr−1_family−4362@Unknown:1−992
0
200
400
600
800
1000

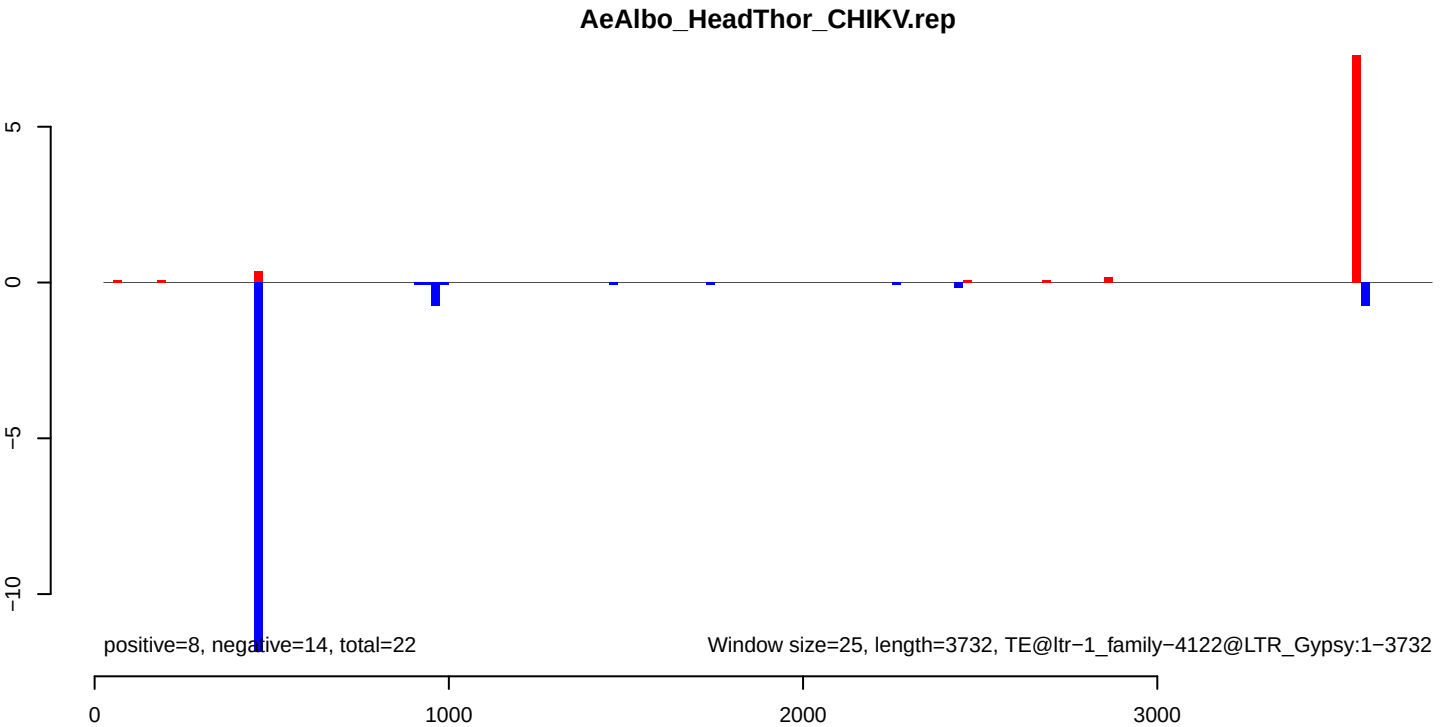

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=3, negative=42, total=44
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=3, negative=42, total=44
Window size=25, length=3406, TE@ltr−1_family−4340@LTR_Pao:1−3406
0
500
1000
1500
2000
2500
3000
3500

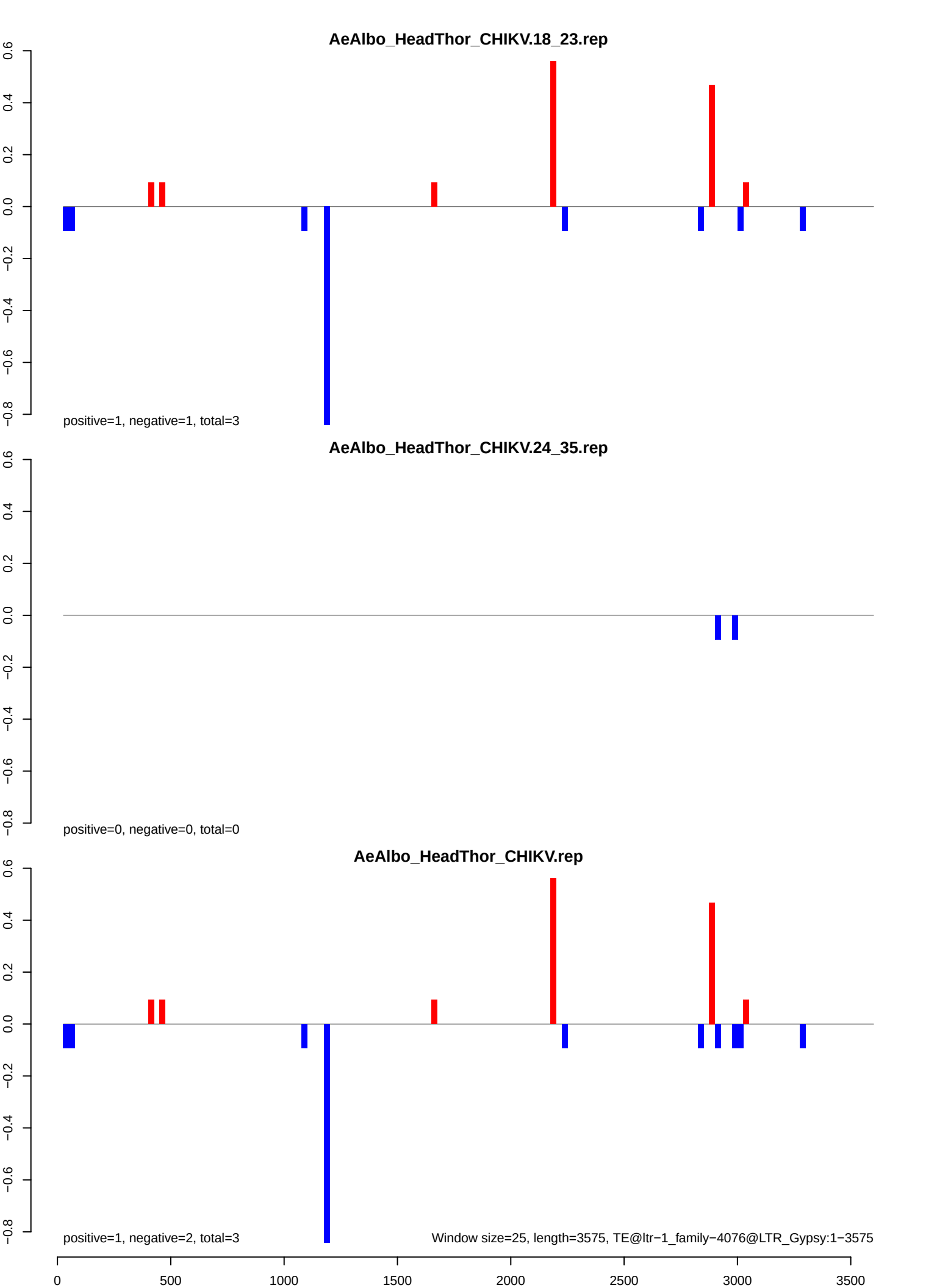

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=4, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=4, total=5
Window size=25, length=2873, TE@ltr−1_family−4187@LTR_Gypsy:1−2873
0
500
1000
1500
2000
2500
3000

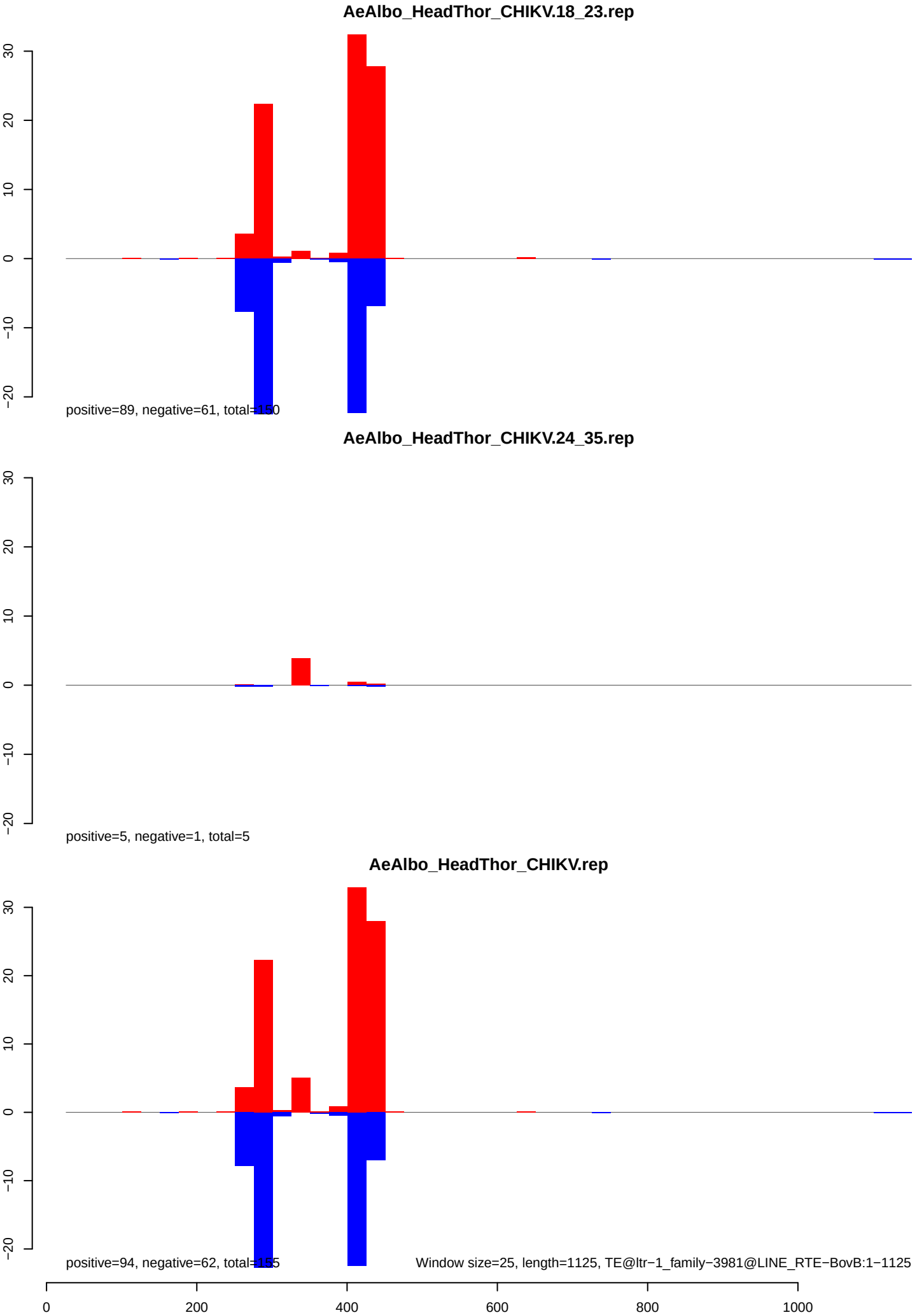

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=5, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=5, total=7
Window size=25, length=4615, TE@ltr−1_family−4184@LTR_Gypsy:1−4615
0
1000
2000
3000
4000

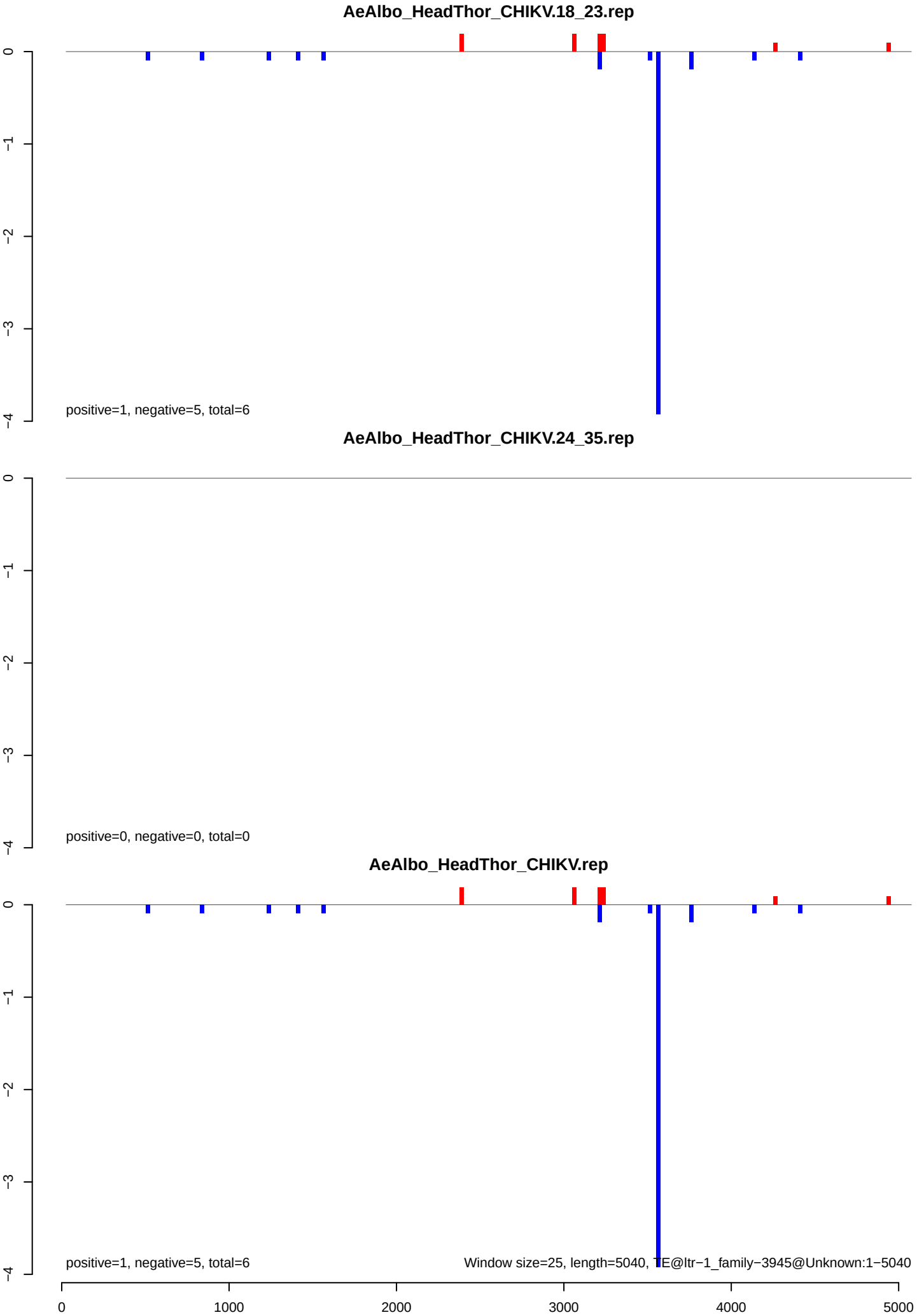

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
positive=8, negative=14, total=22

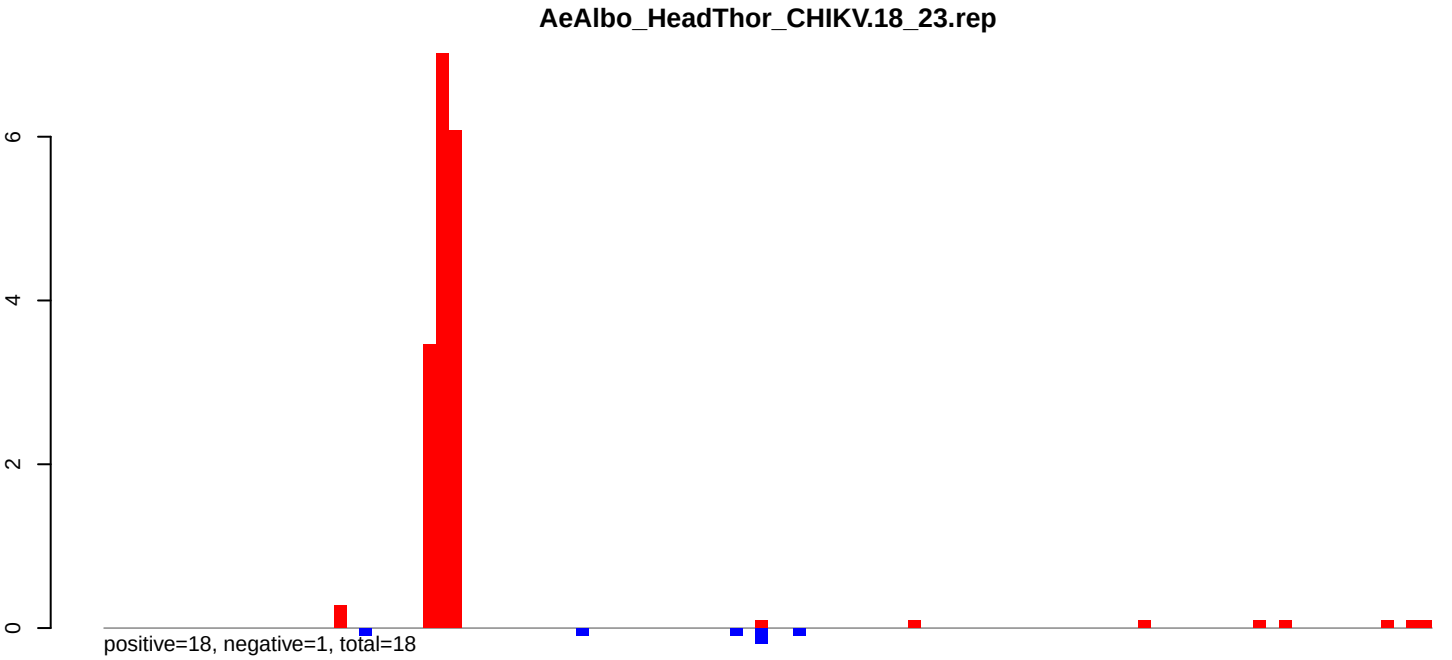

AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
positive=8, negative=14, total=22
Window size=25, length=3732, TE@ltr−1_family−4122@LTR_Gypsy:1−3732
0
1000
2000
3000

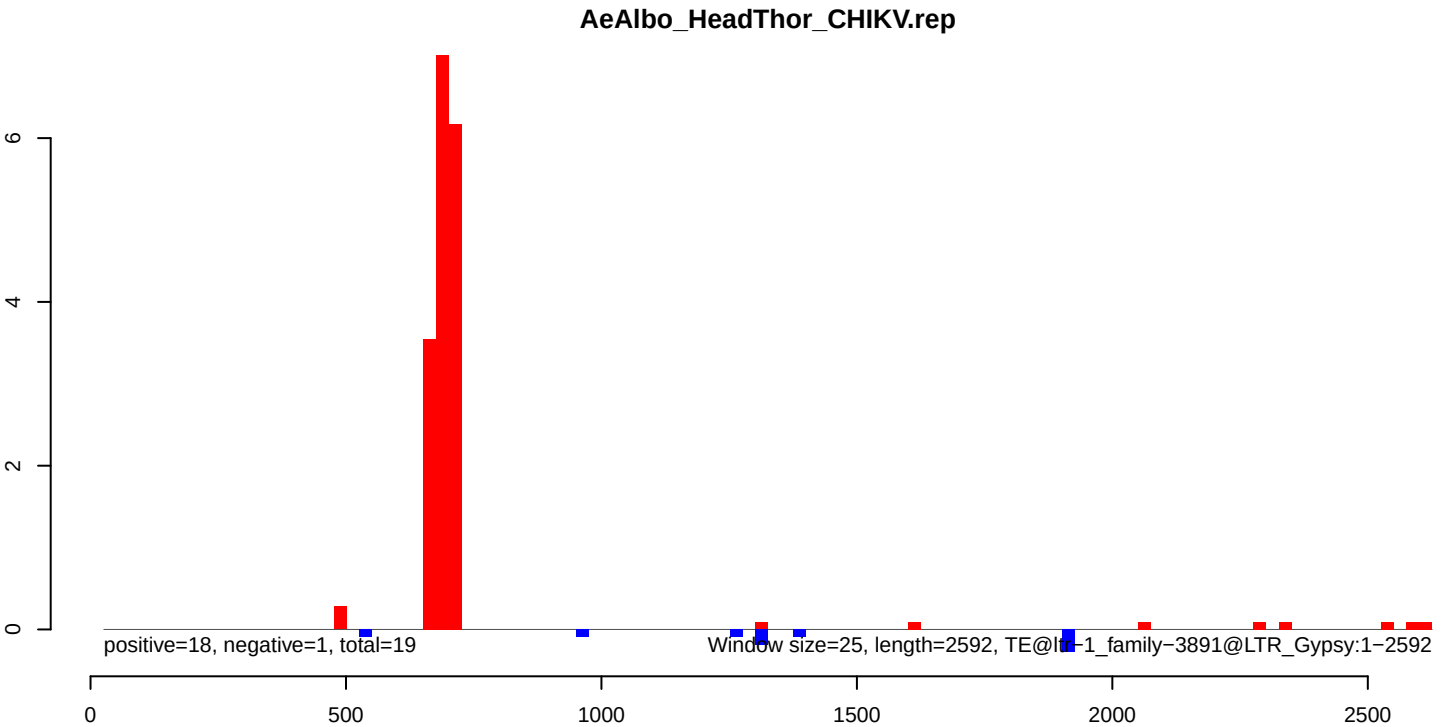

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=3575, TE@ltr−1_family−4076@LTR_Gypsy:1−3575
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
500
1000
1500
2000
2500
3000
3500


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=89, negative=61, total=150
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=5, negative=1, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=94, negative=62, total=155
Window size=25, length=1125, TE@ltr−1_family−3981@LINE_RTE−BovB:1−1125
30
20
10
0
−10
−20
0
200
400
600
800
1000

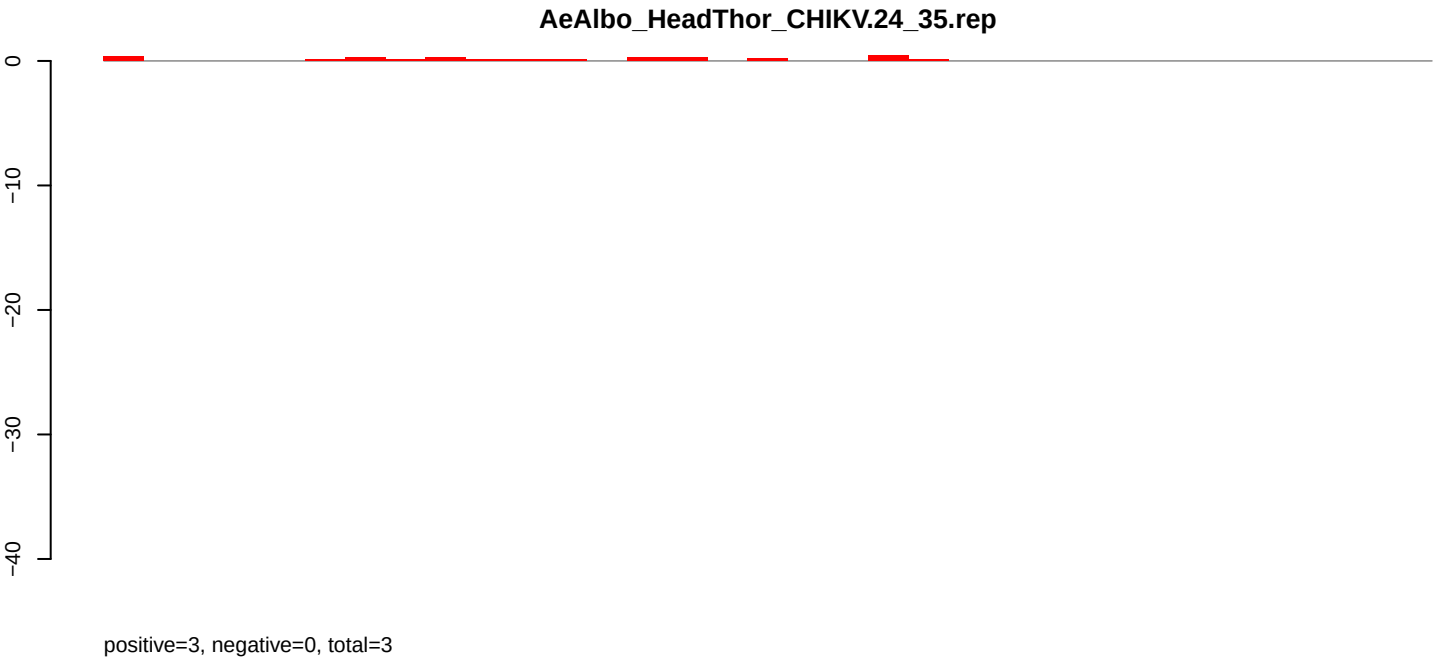

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=5, total=6
Window size=25, length=5040, TE@ltr−1_family−3945@Unknown:1−5040
0
−1
−2
−3
−4
0
1000
2000
3000
4000
5000

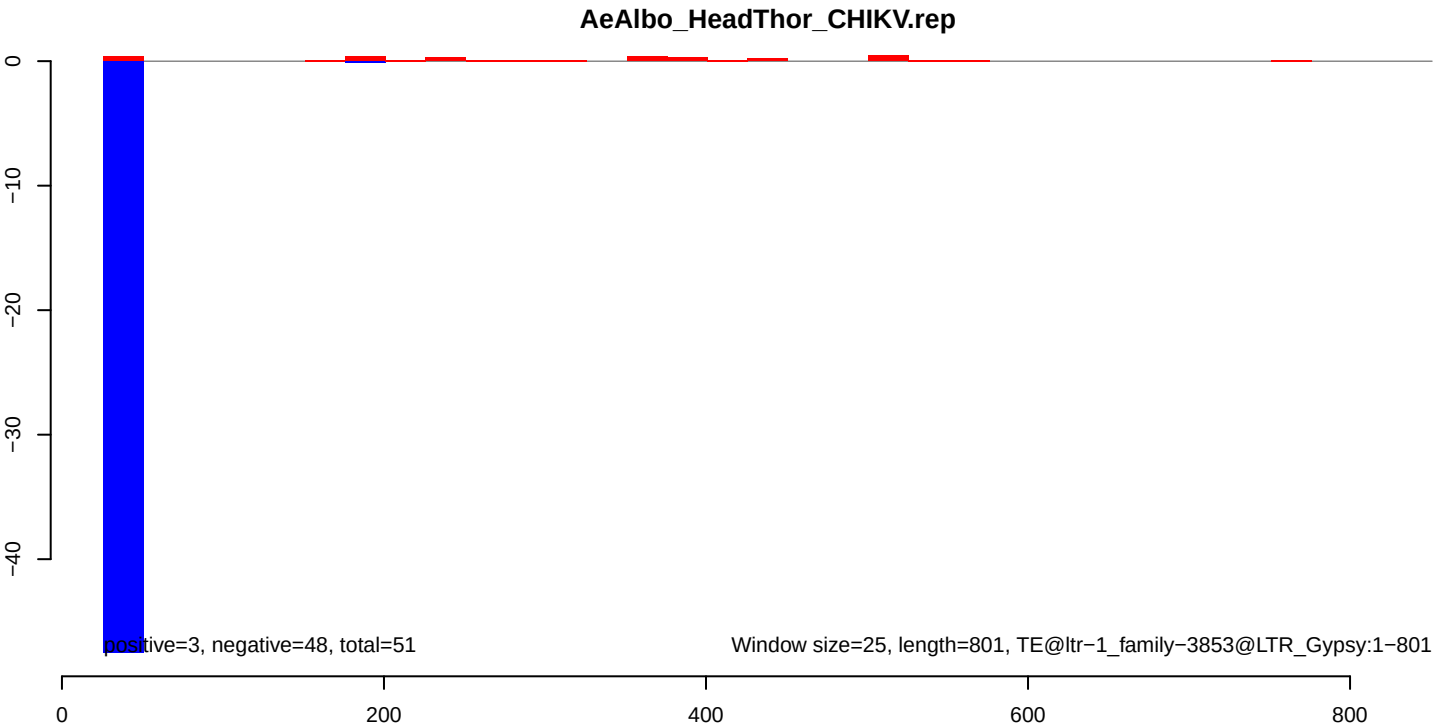

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
positive=18, negative=1, total=18

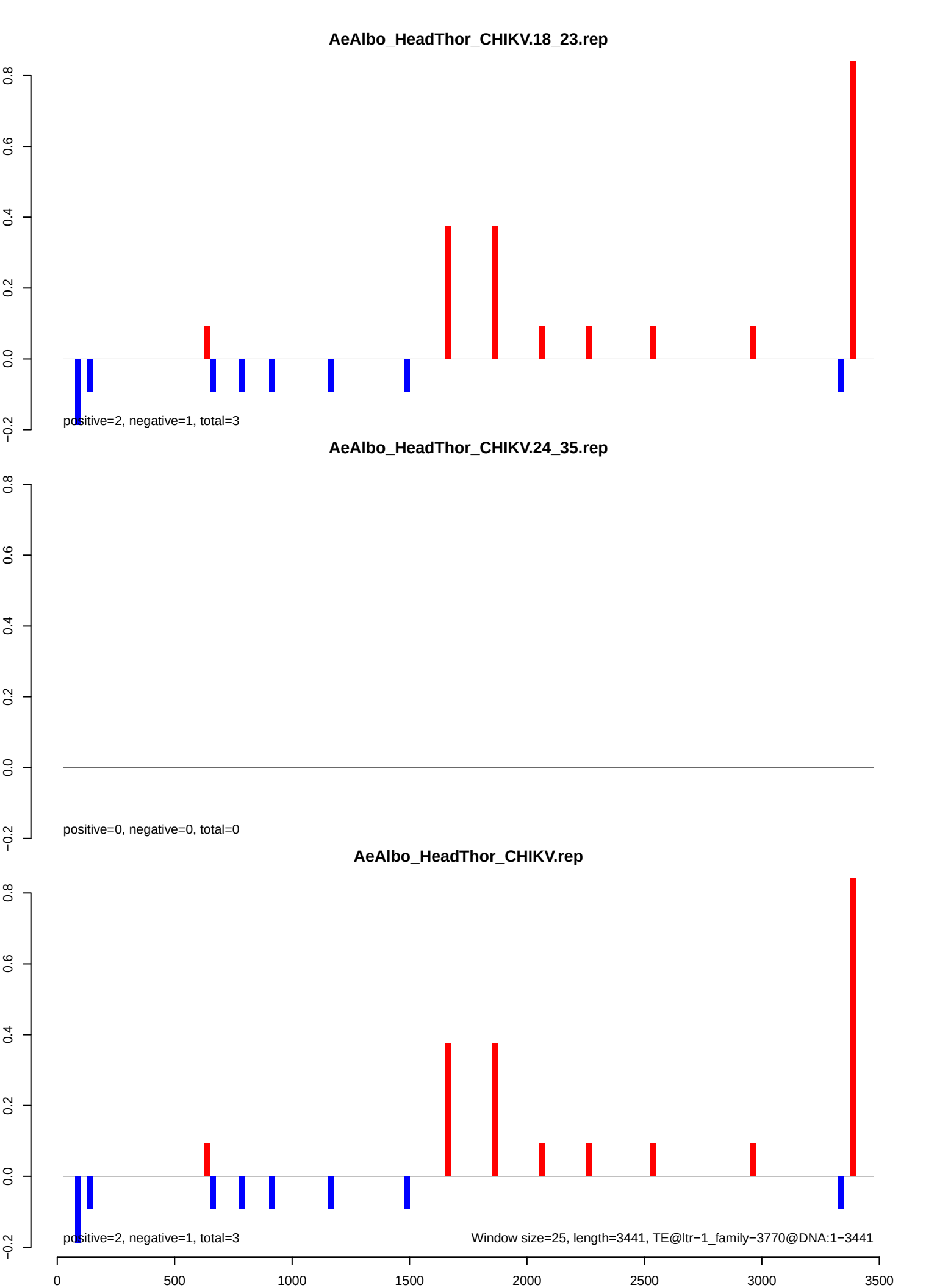
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
positive=0, negative=0, total=0

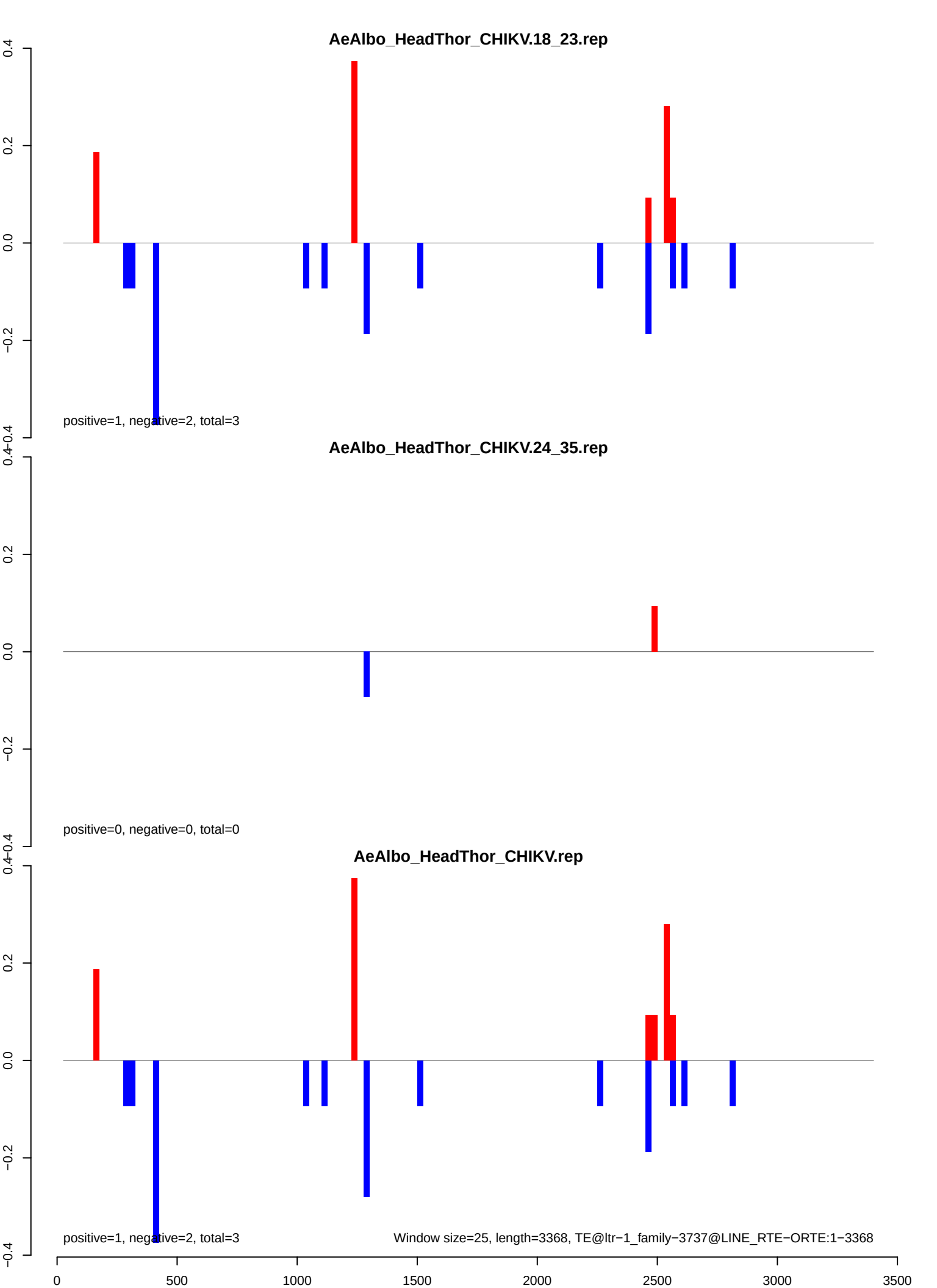

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
positive=18, negative=1, total=19
Window size=25, length=2592, TE@ltr−1_family−3891@LTR_Gypsy:1−2592
0
500
1000
1500
2000
2500

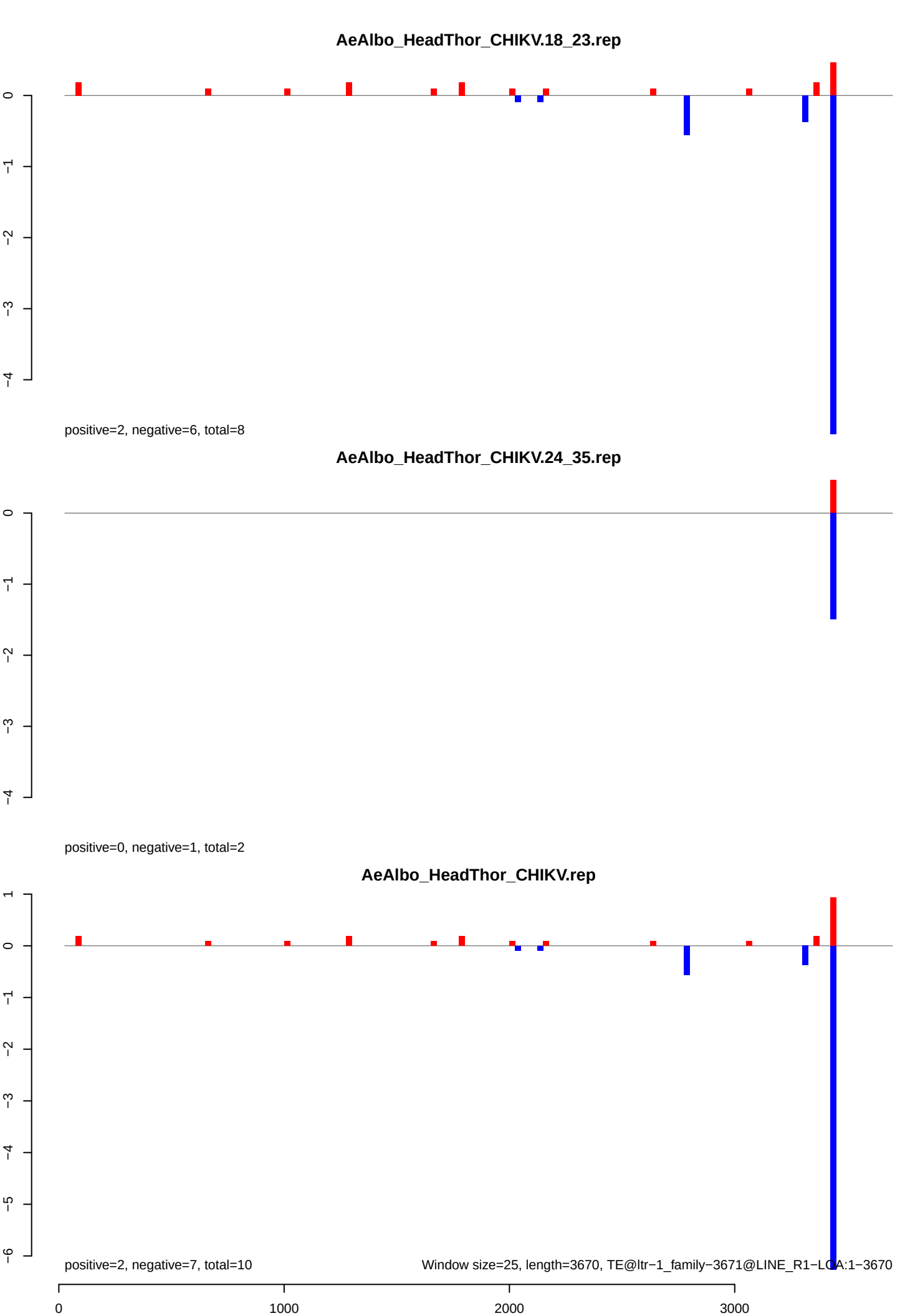
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=0, negative=48, total=48

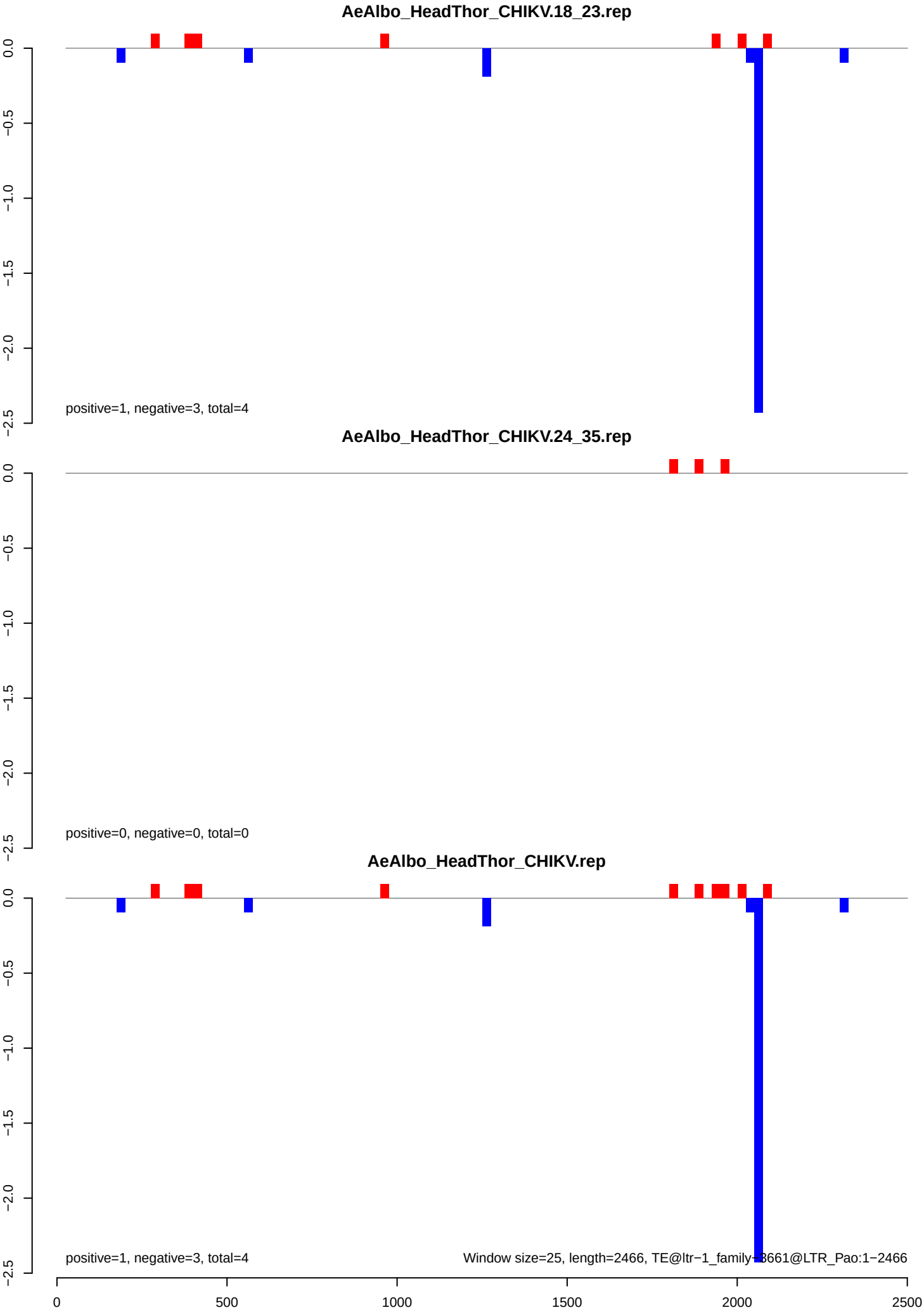

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=3, negative=0, total=3


AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=3, negative=48, total=51
Window size=25, length=801, TE@ltr−1_family−3853@LTR_Gypsy:1−801
0
200
400
600
800

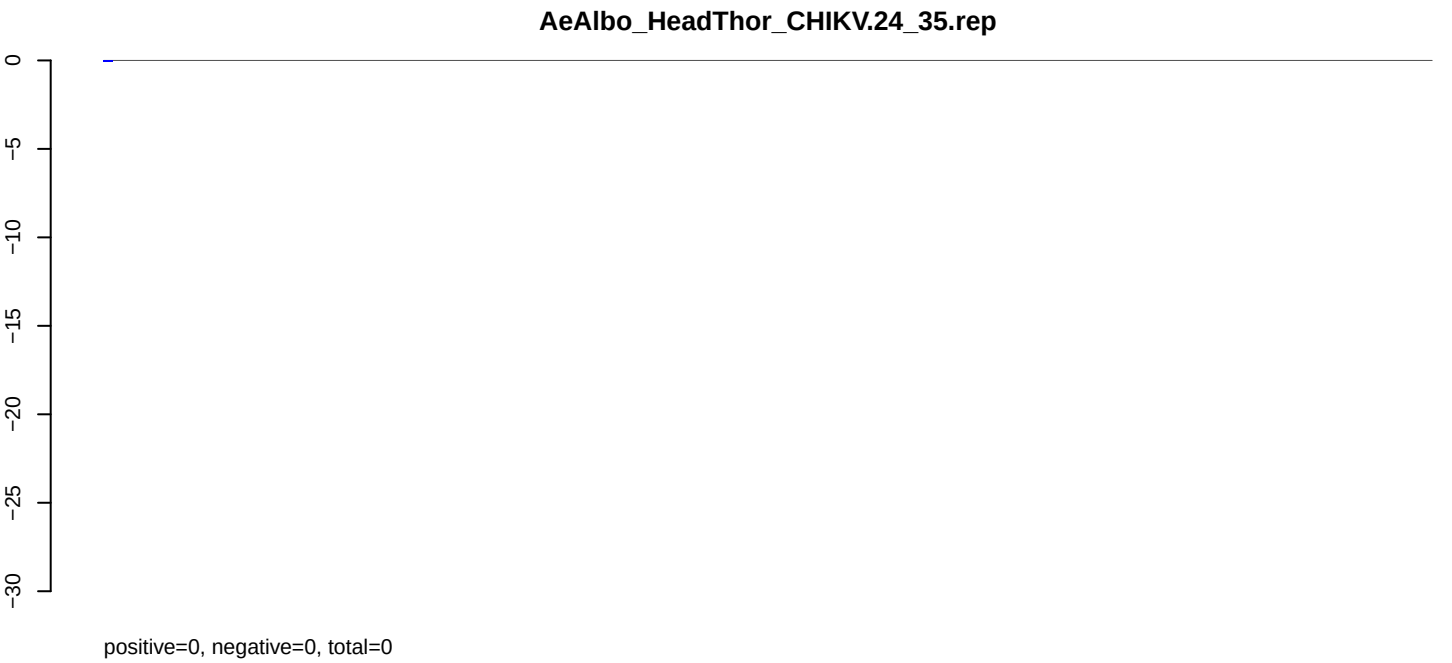

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=3441, TE@ltr−1_family−3770@DNA:1−3441
0
500
1000
1500
2000
2500
3000
3500

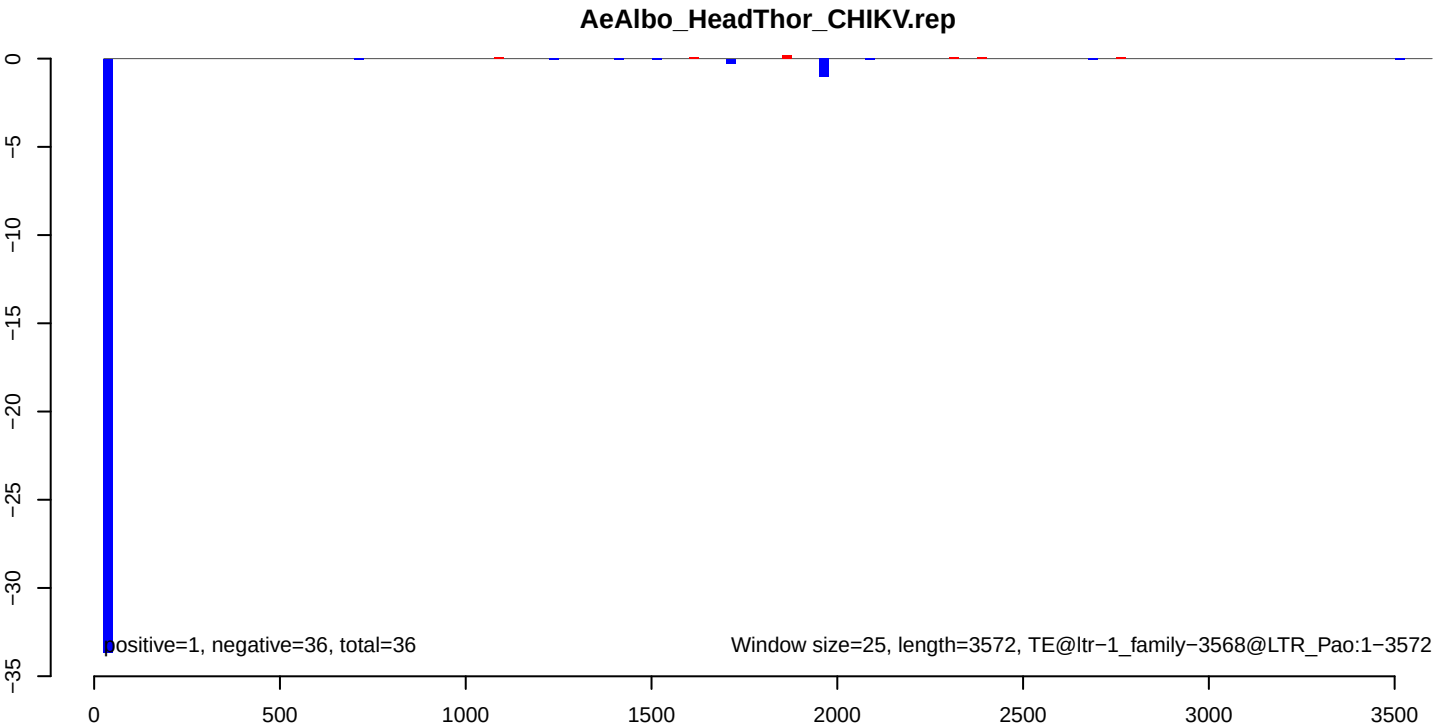

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=3368, TE@ltr−1_family−3737@LINE_RTE−ORTE:1−3368
0.4
0.2
0.0
−0.2
−0.4
0
500
1000
1500
2000
2500
3000
3500

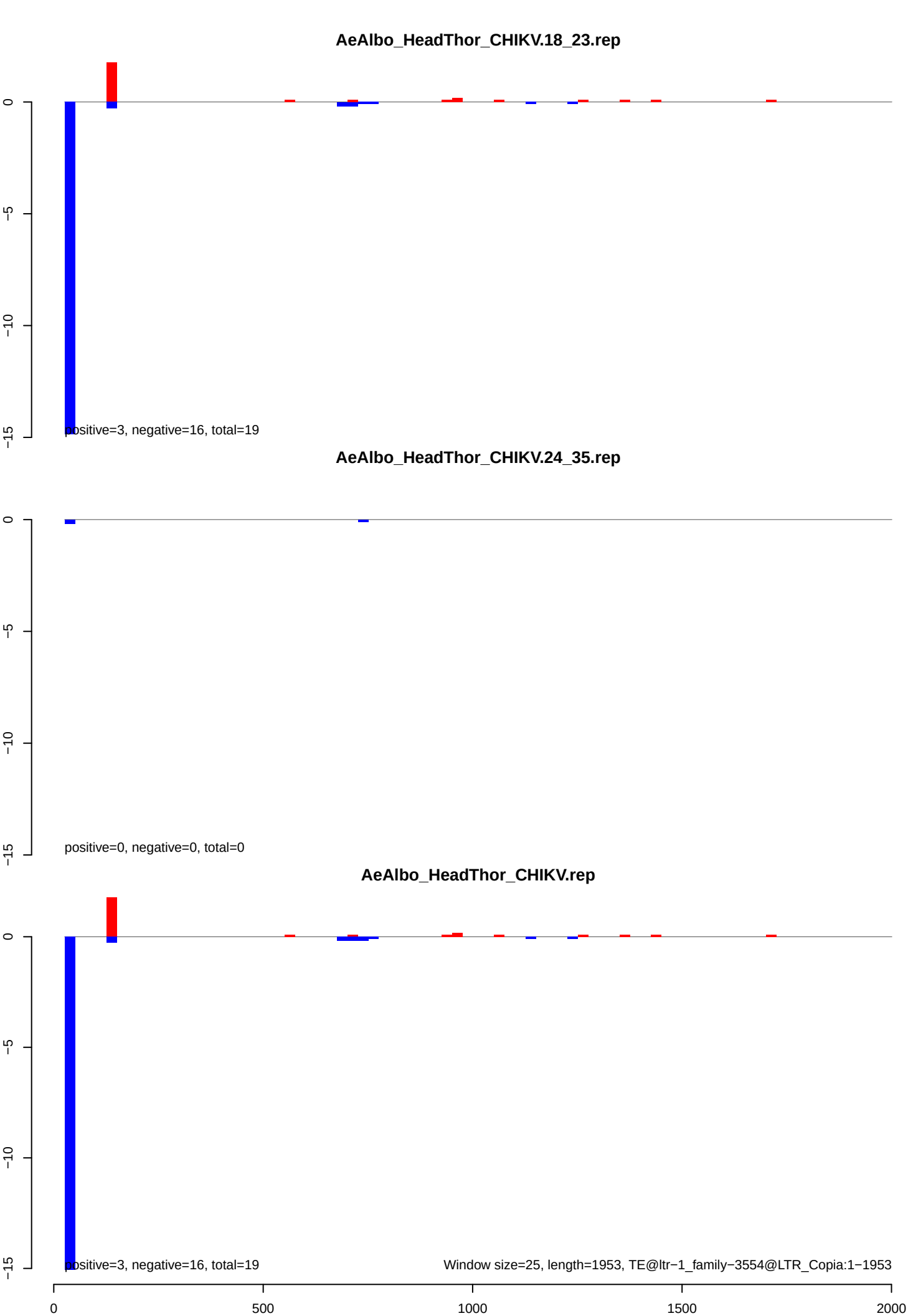

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=2, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
−4
−5
−6
positive=2, negative=7, total=10
Window size=25, length=3670, TE@ltr−1_family−3671@LINE_R1−LOA:1−3670
0
1000
2000
3000

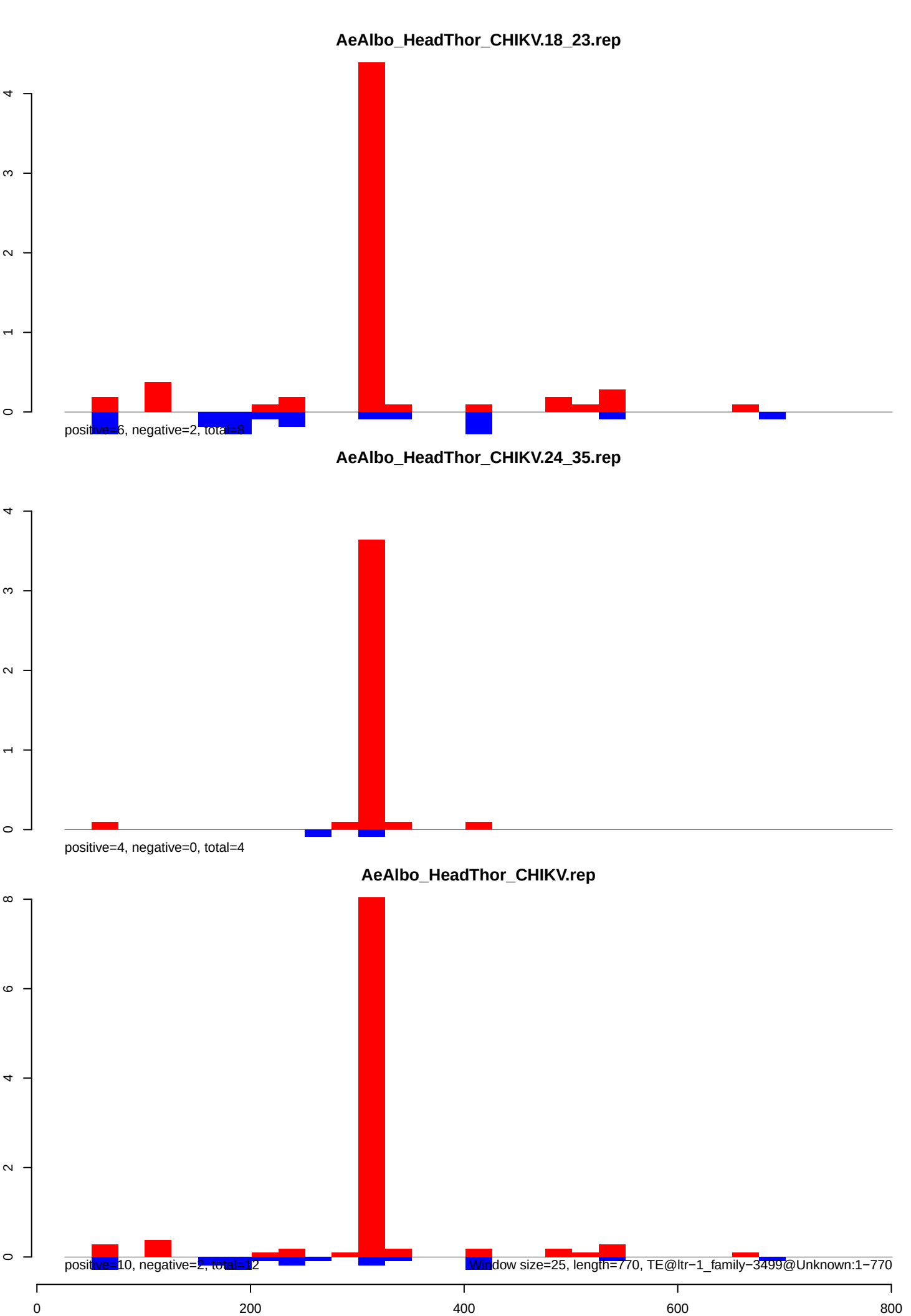

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=3, total=4
Window size=25, length=2466, TE@ltr−1_family−3661@LTR_Pao:1−2466
0
500
1000
1500
2000
2500

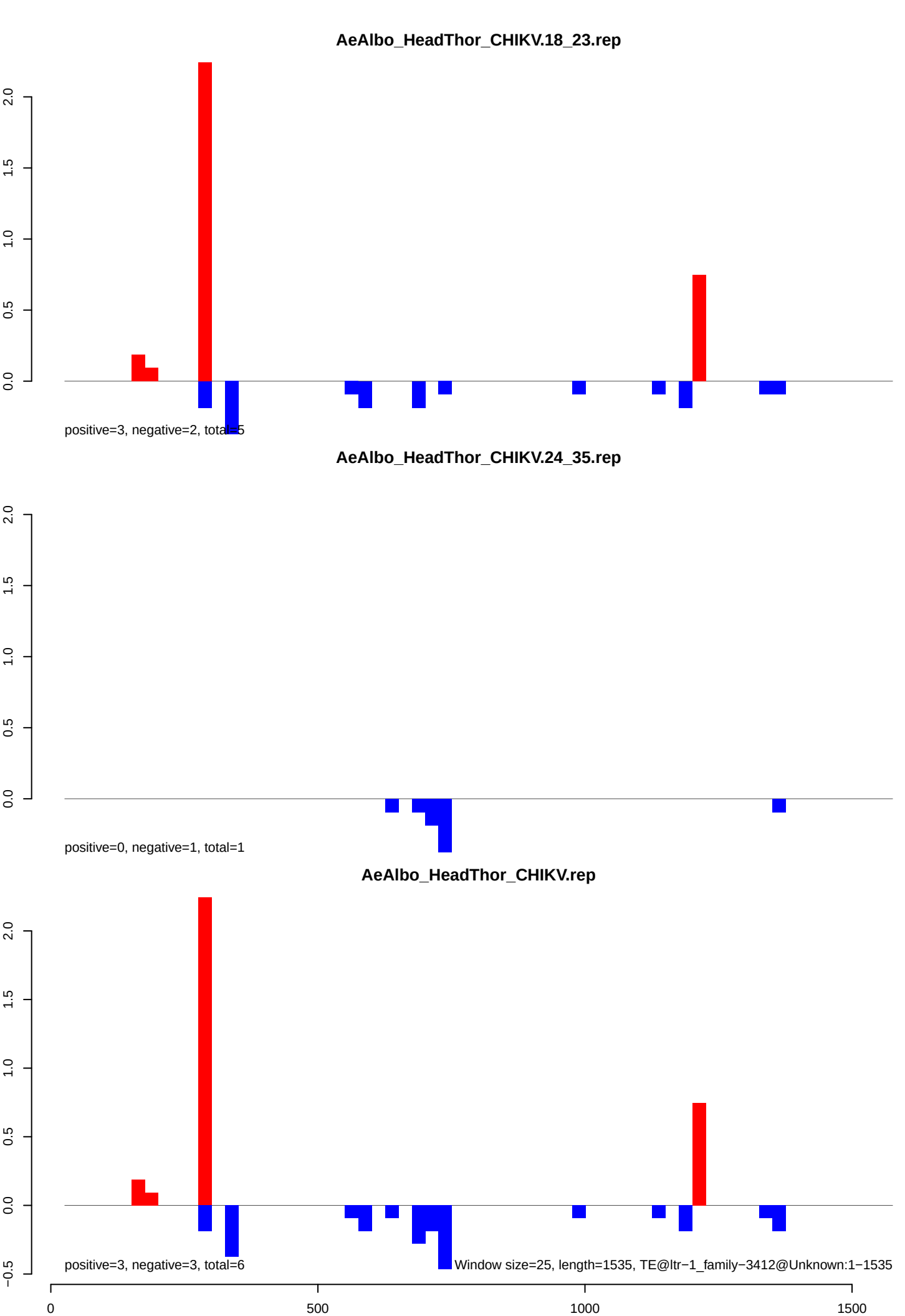
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=1, negative=36, total=36

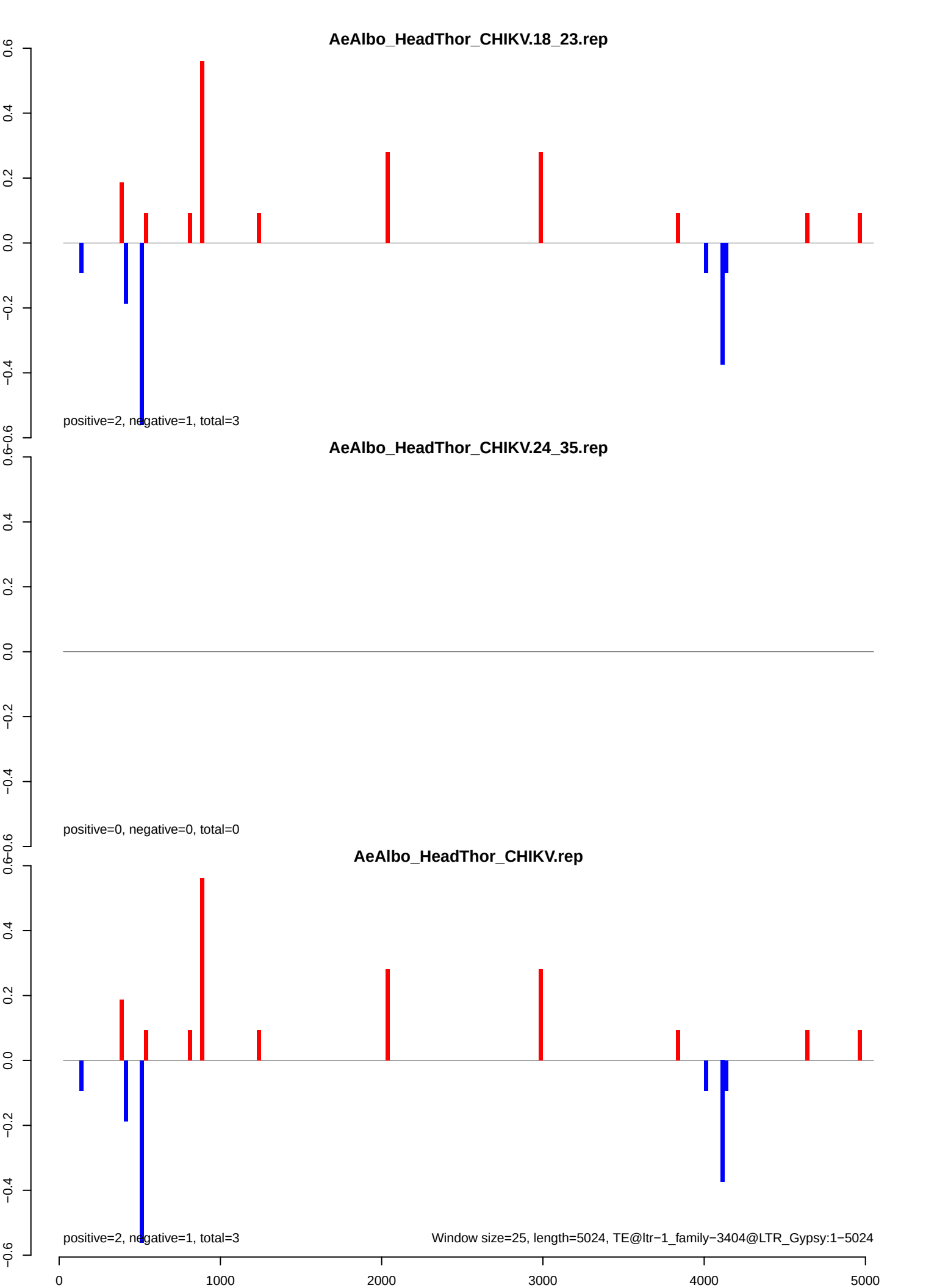

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=0, total=0

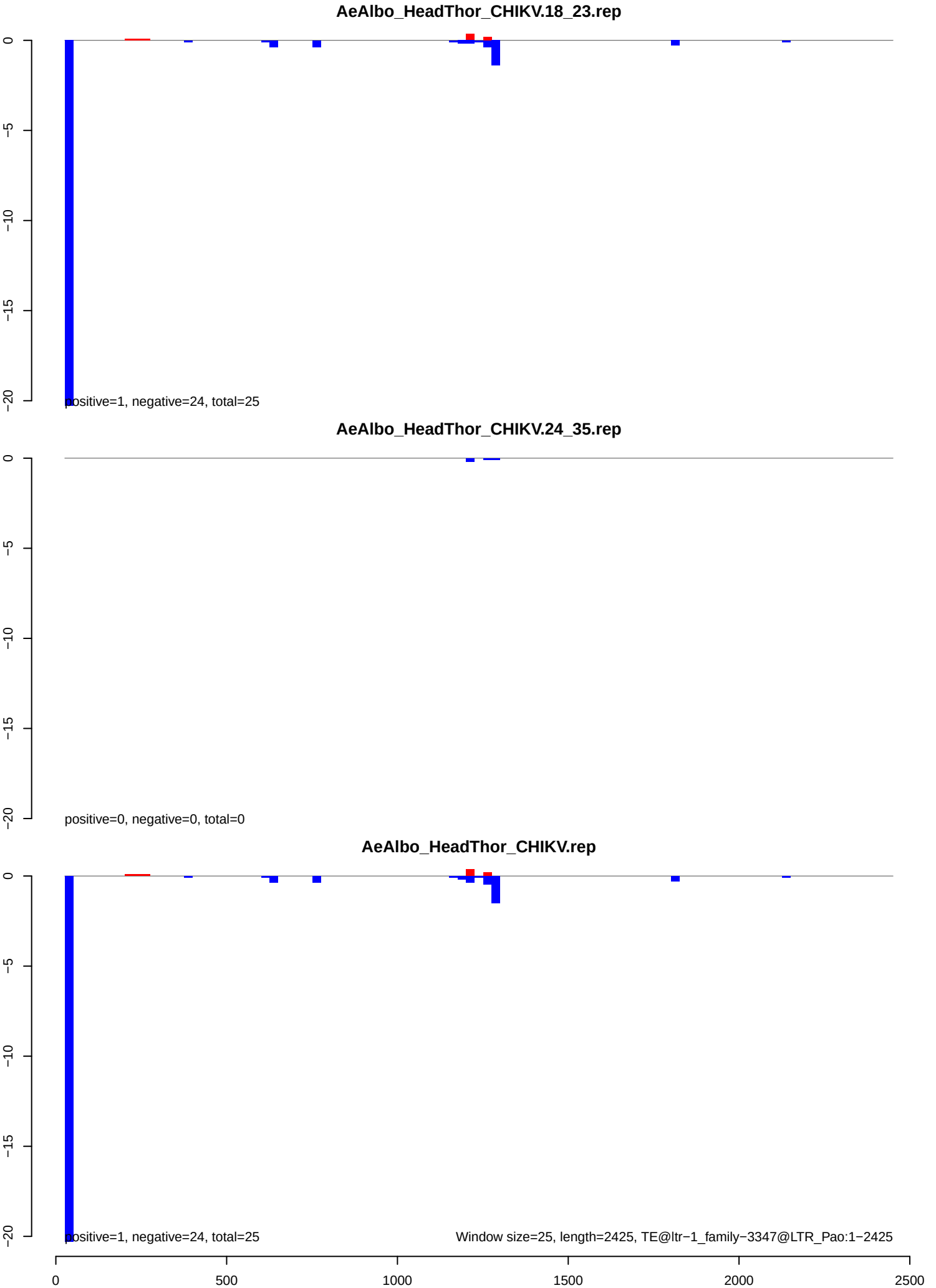

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
−35
positive=1, negative=36, total=36
Window size=25, length=3572, TE@ltr−1_family−3568@LTR_Pao:1−3572
0
500
1000
1500
2000
2500
3000
3500

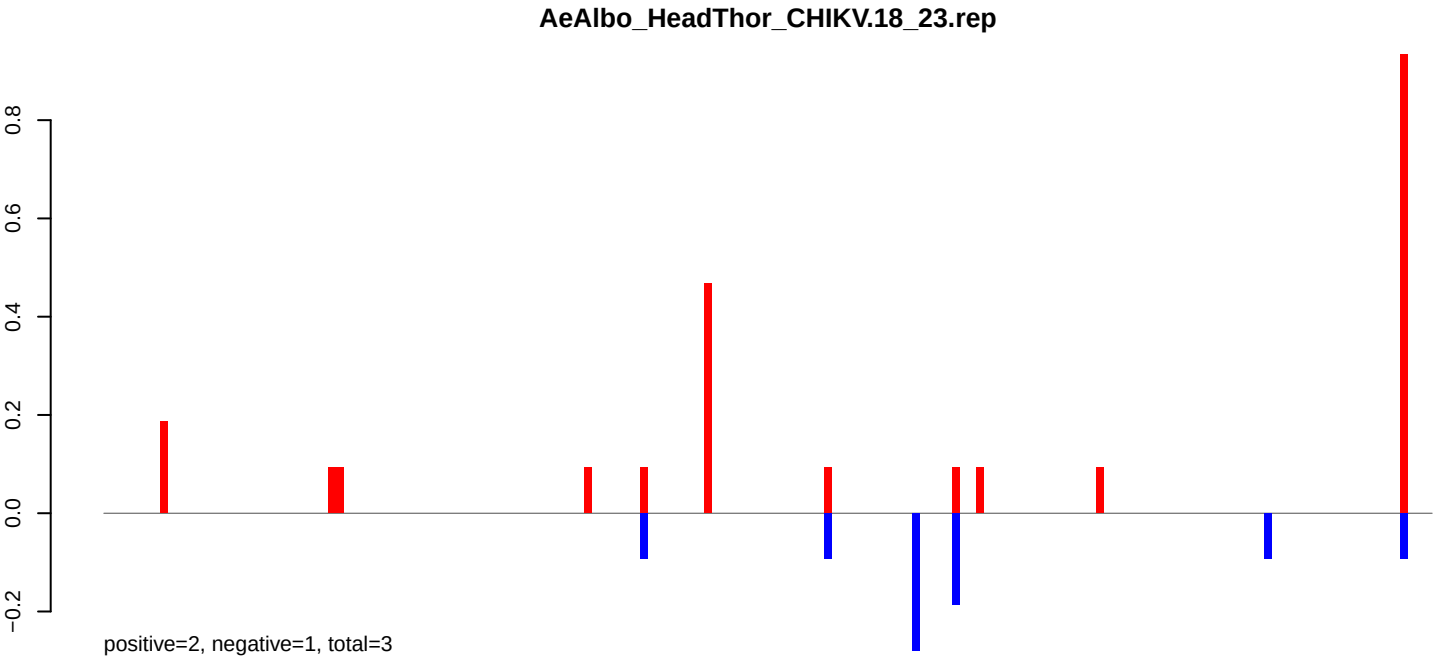

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=3, negative=16, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=3, negative=16, total=19
Window size=25, length=1953, TE@ltr−1_family−3554@LTR_Copia:1−1953
0
500
1000
1500
2000

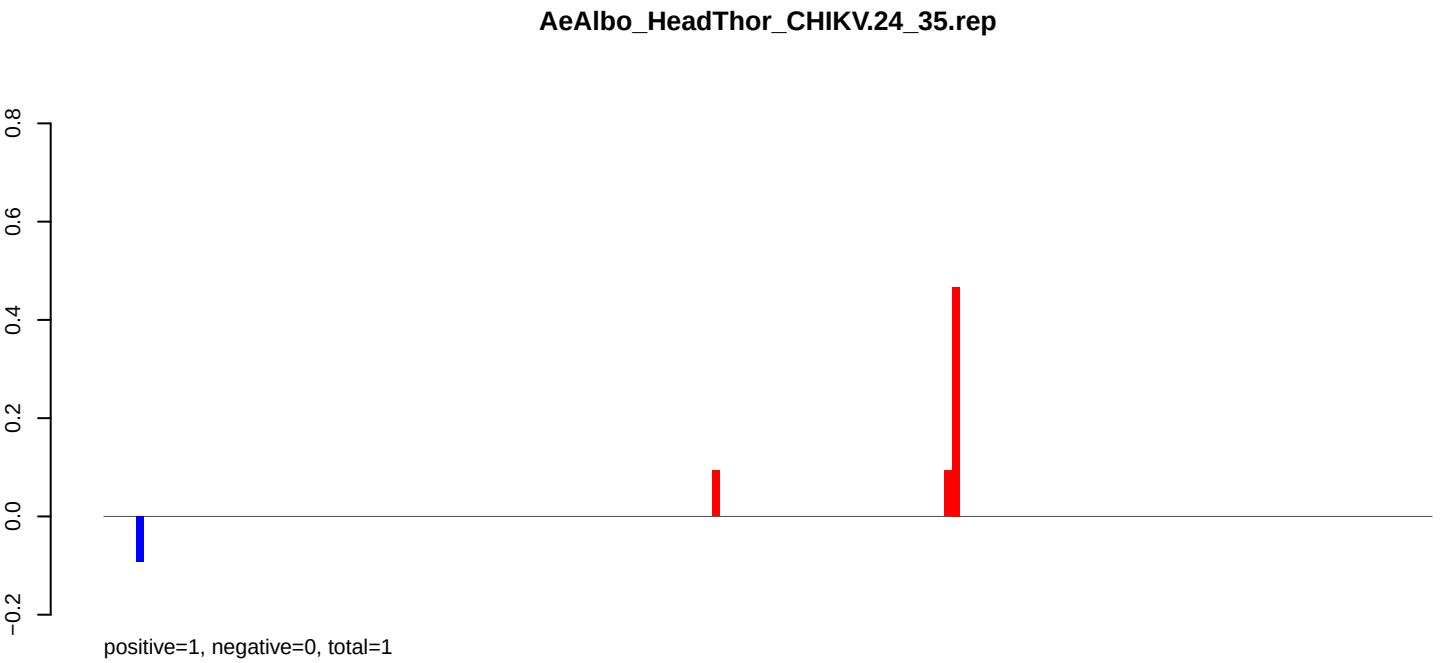

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=2, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=0, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=10, negative=2, total=12
Window size=25, length=770, TE@ltr−1_family−3499@Unknown:1−770
0
200
400
600
800

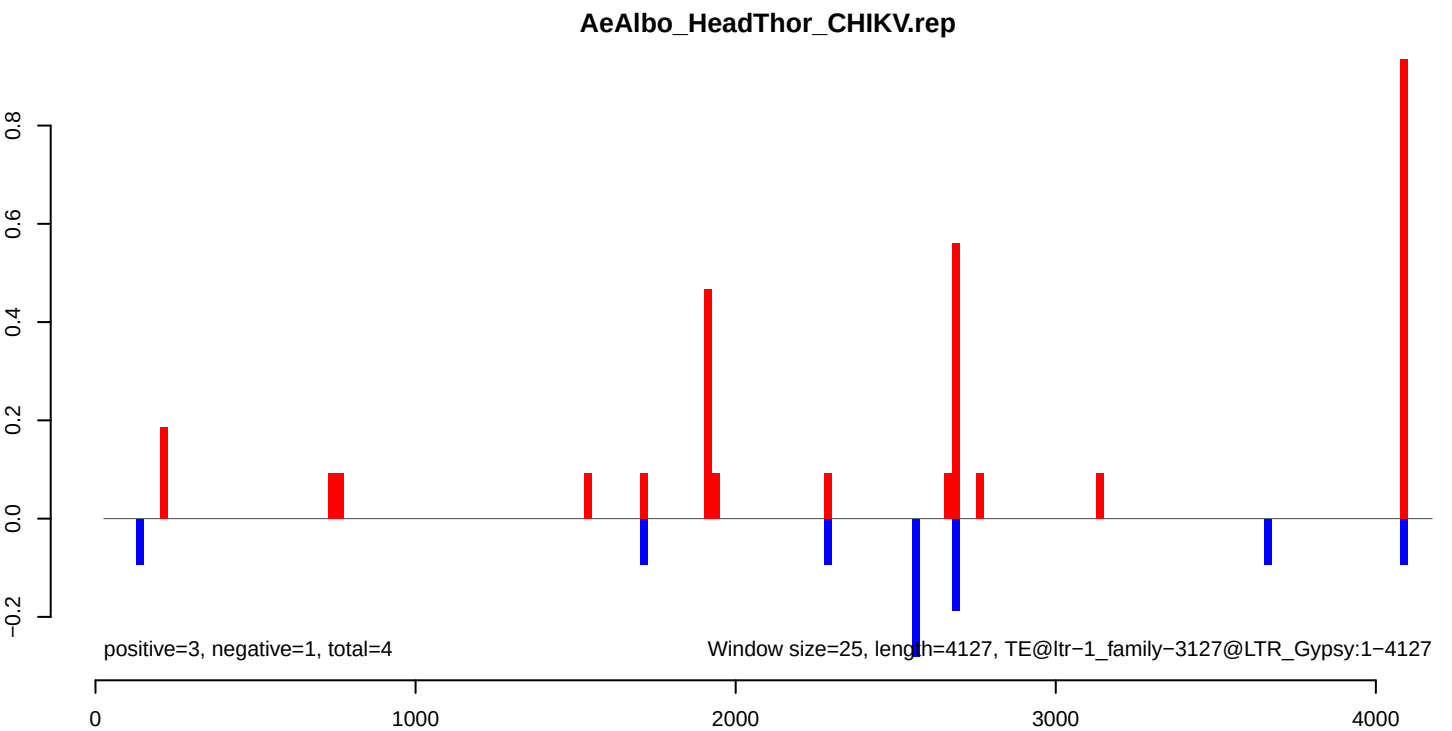

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=3, total=6
Window size=25, length=1535, TE@ltr−1_family−3412@Unknown:1−1535
−0.5
0.0
0.5
1.0
1.5
2.0
0
500
1000
1500

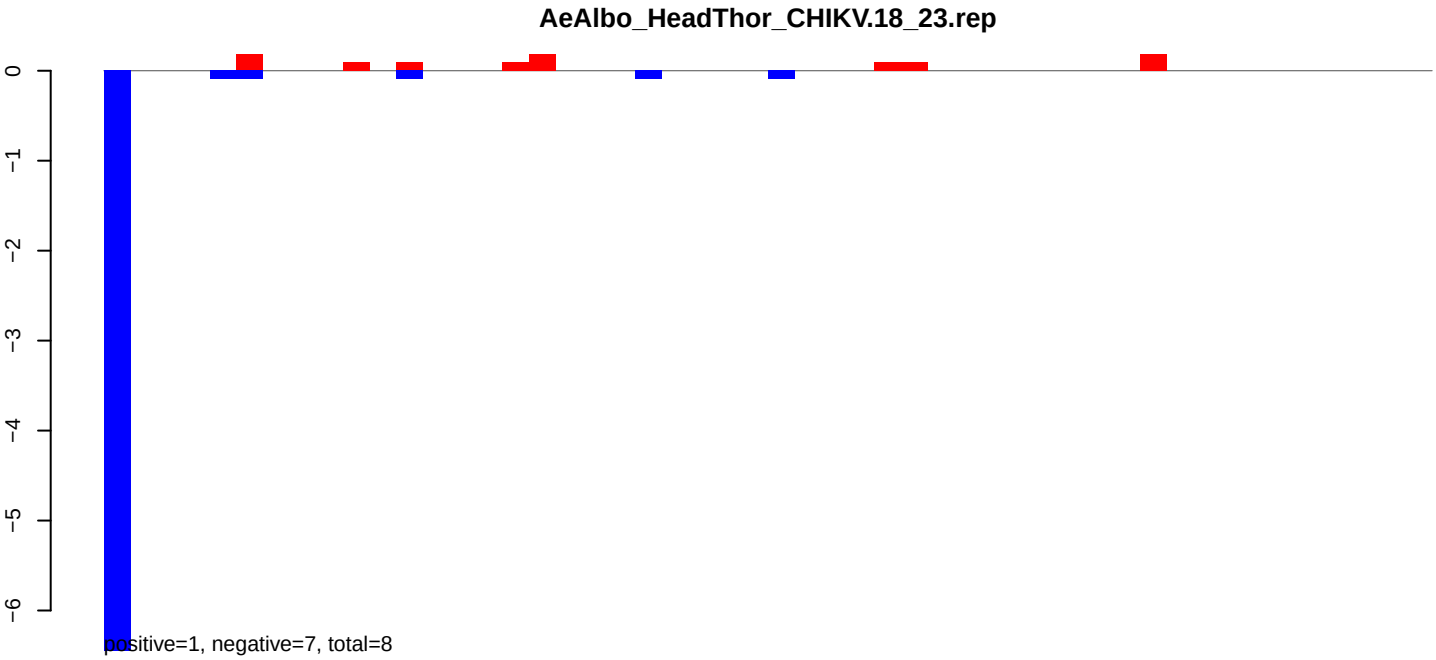

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=5024, TE@ltr−1_family−3404@LTR_Gypsy:1−5024
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
1000
2000
3000
4000
5000


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=24, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=24, total=25
Window size=25, length=2425, TE@ltr−1_family−3347@LTR_Pao:1−2425
0
500
1000
1500
2000
2500

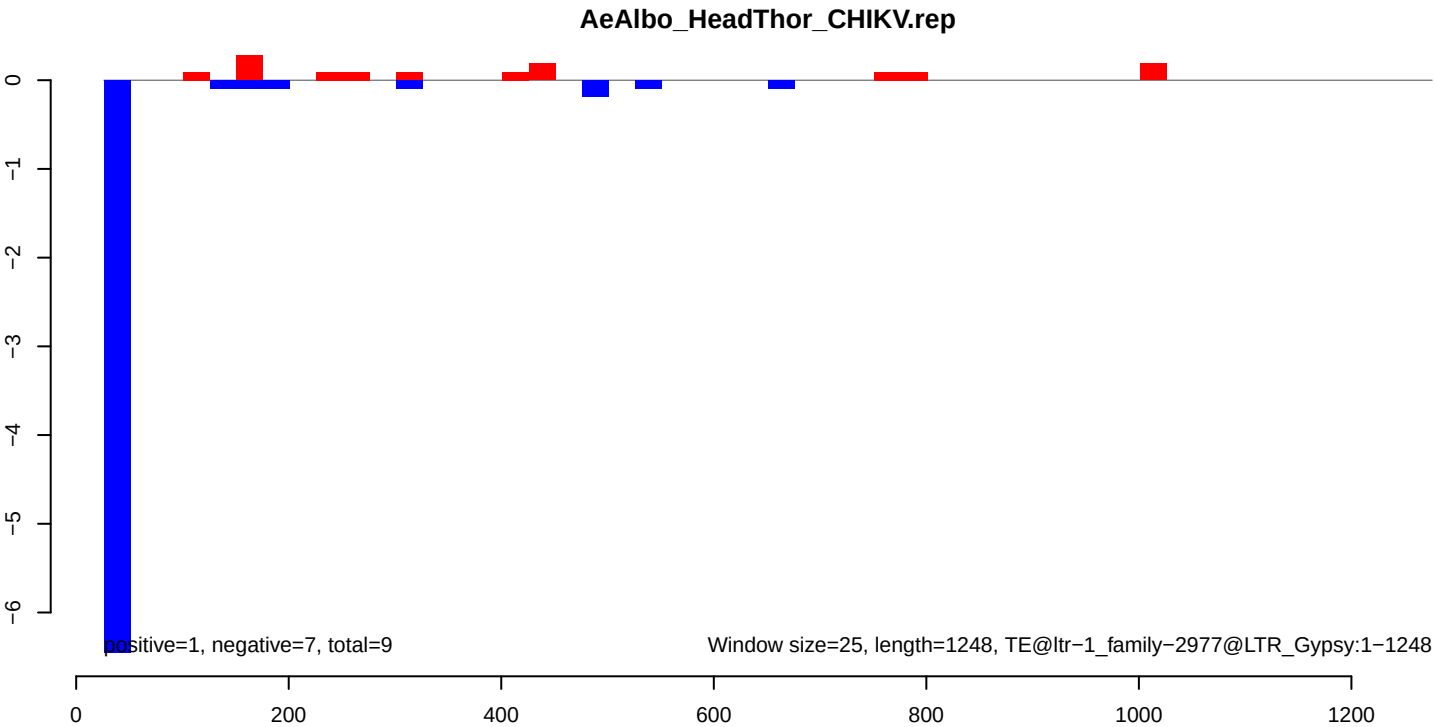

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3

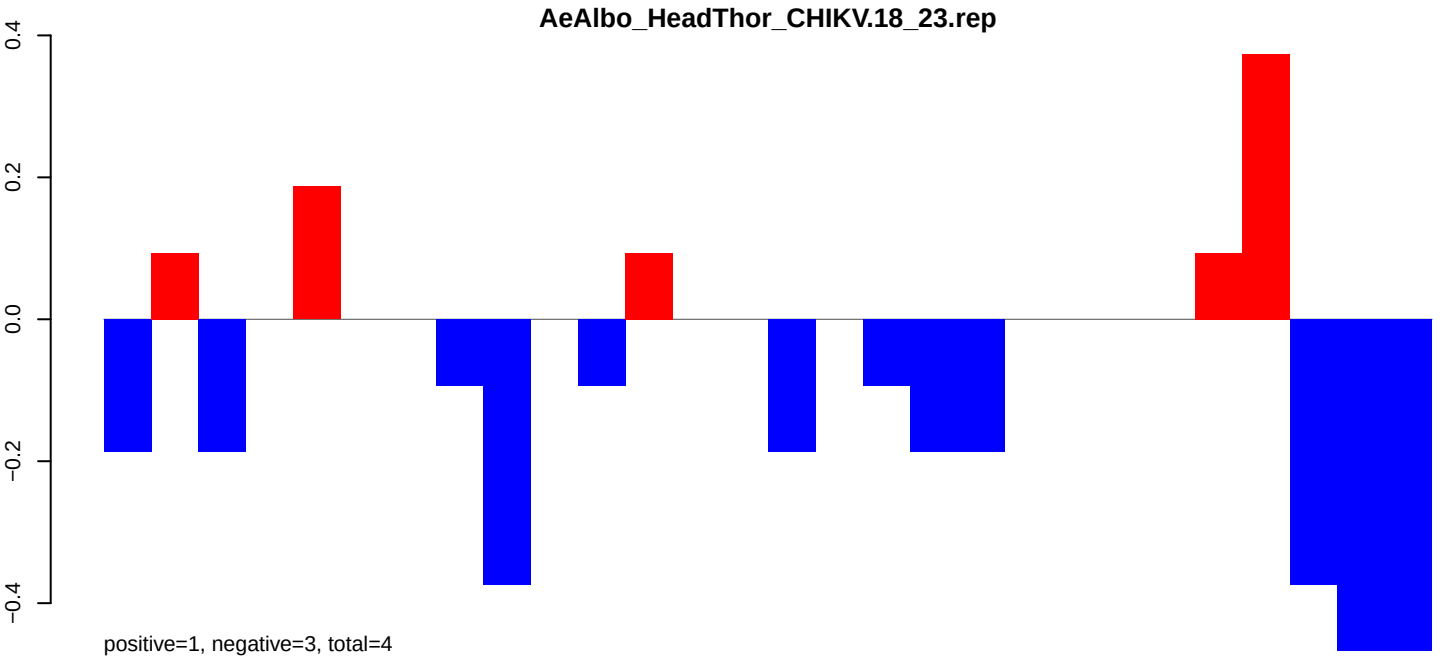

AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1


AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
Window size=25, length=4127, TE@ltr−1_family−3127@LTR_Gypsy:1−4127
0
1000
2000
3000
4000

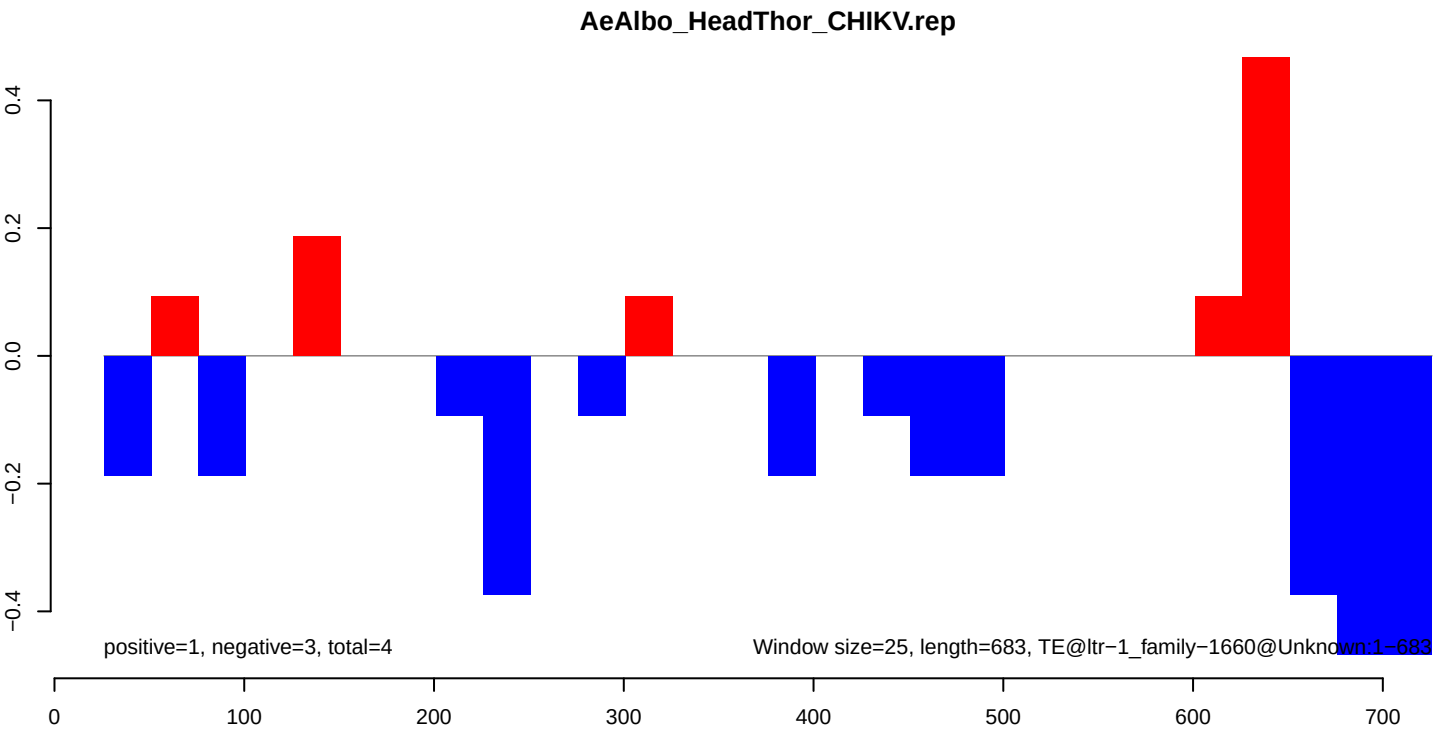

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
−6
positive=1, negative=7, total=8

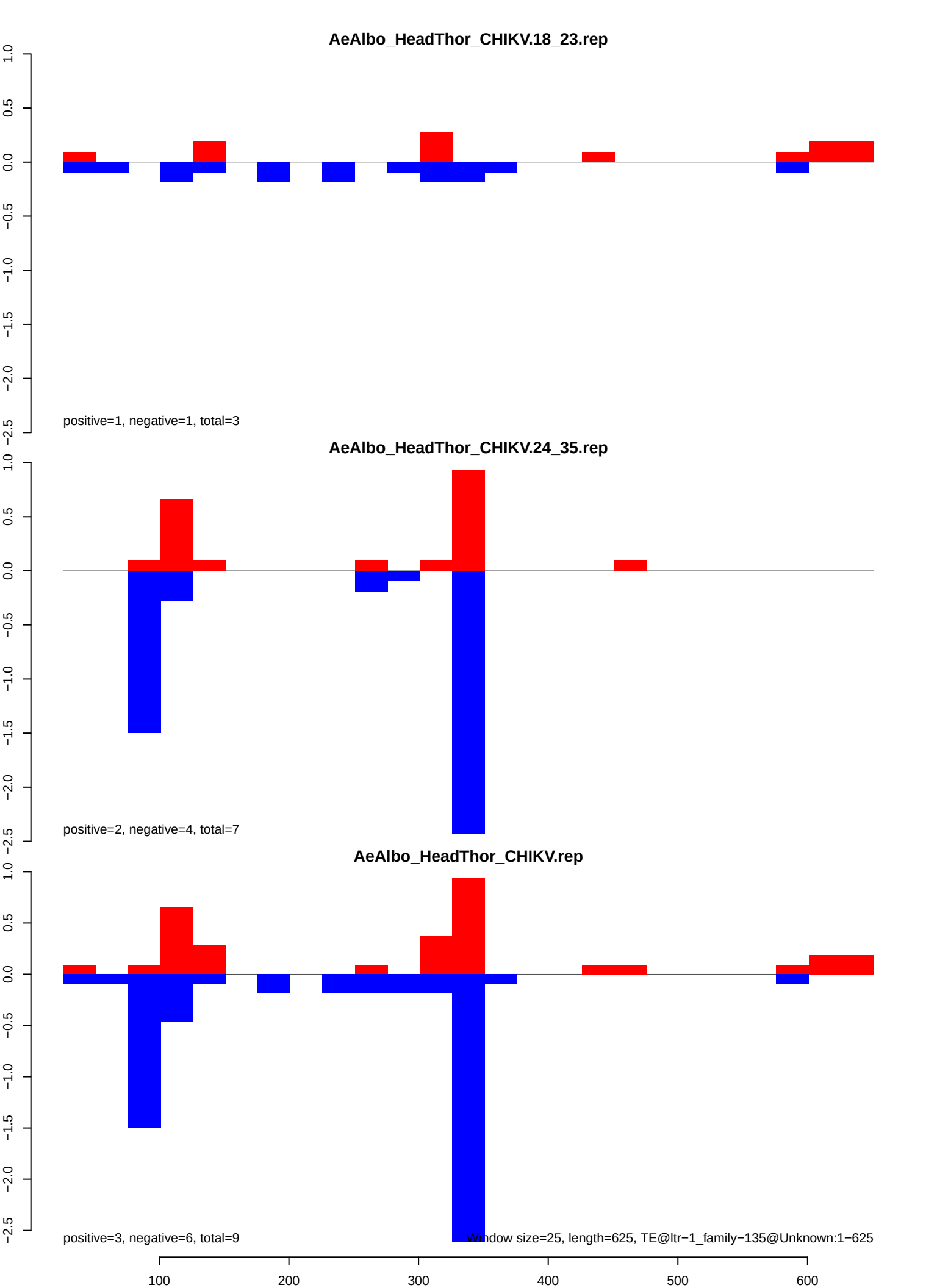
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
−6
positive=0, negative=0, total=1

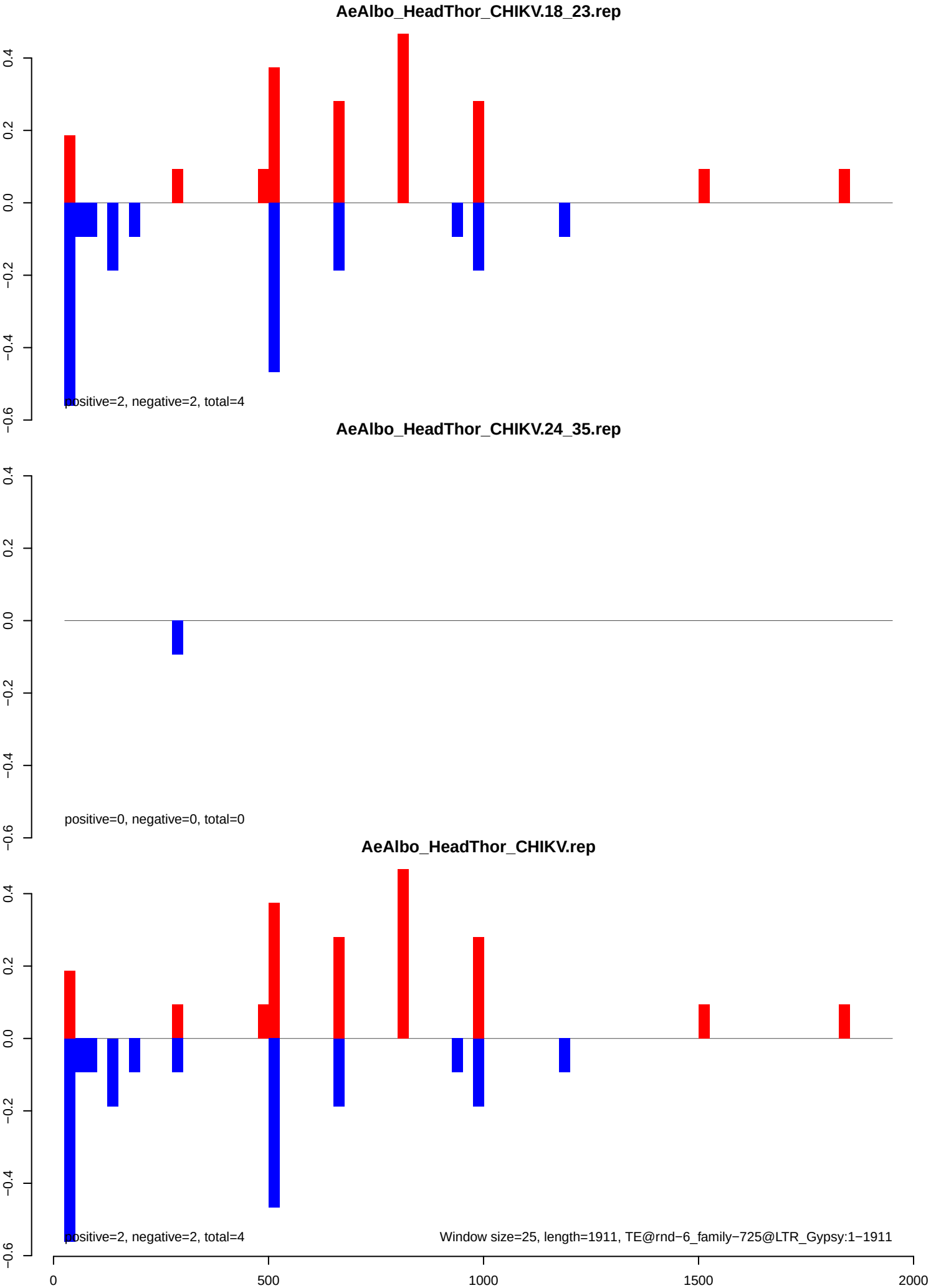

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
−6
positive=1, negative=7, total=9
Window size=25, length=1248, TE@ltr−1_family−2977@LTR_Gypsy:1−1248
0
200
400
600
800
1000
1200

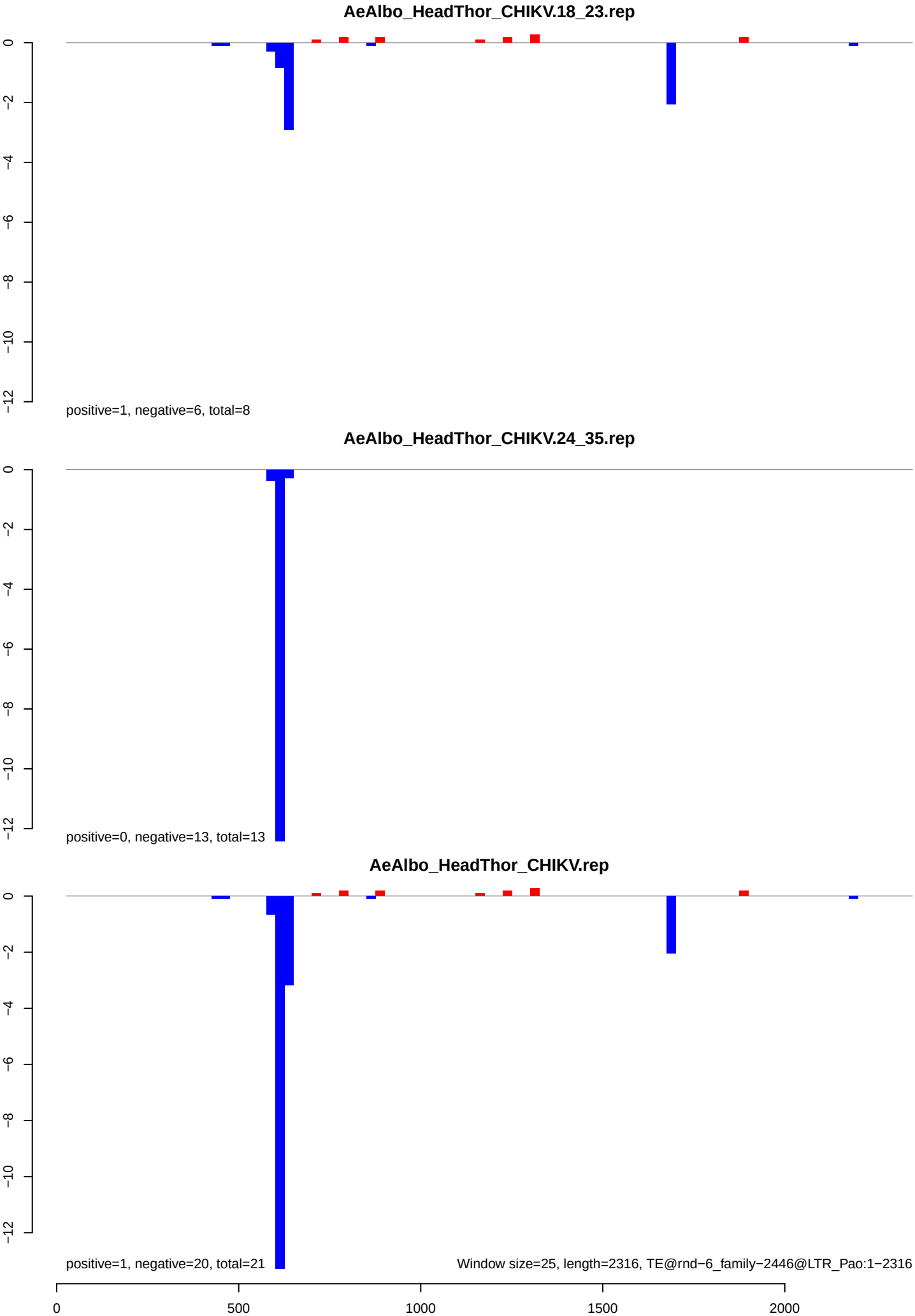

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=3, total=4

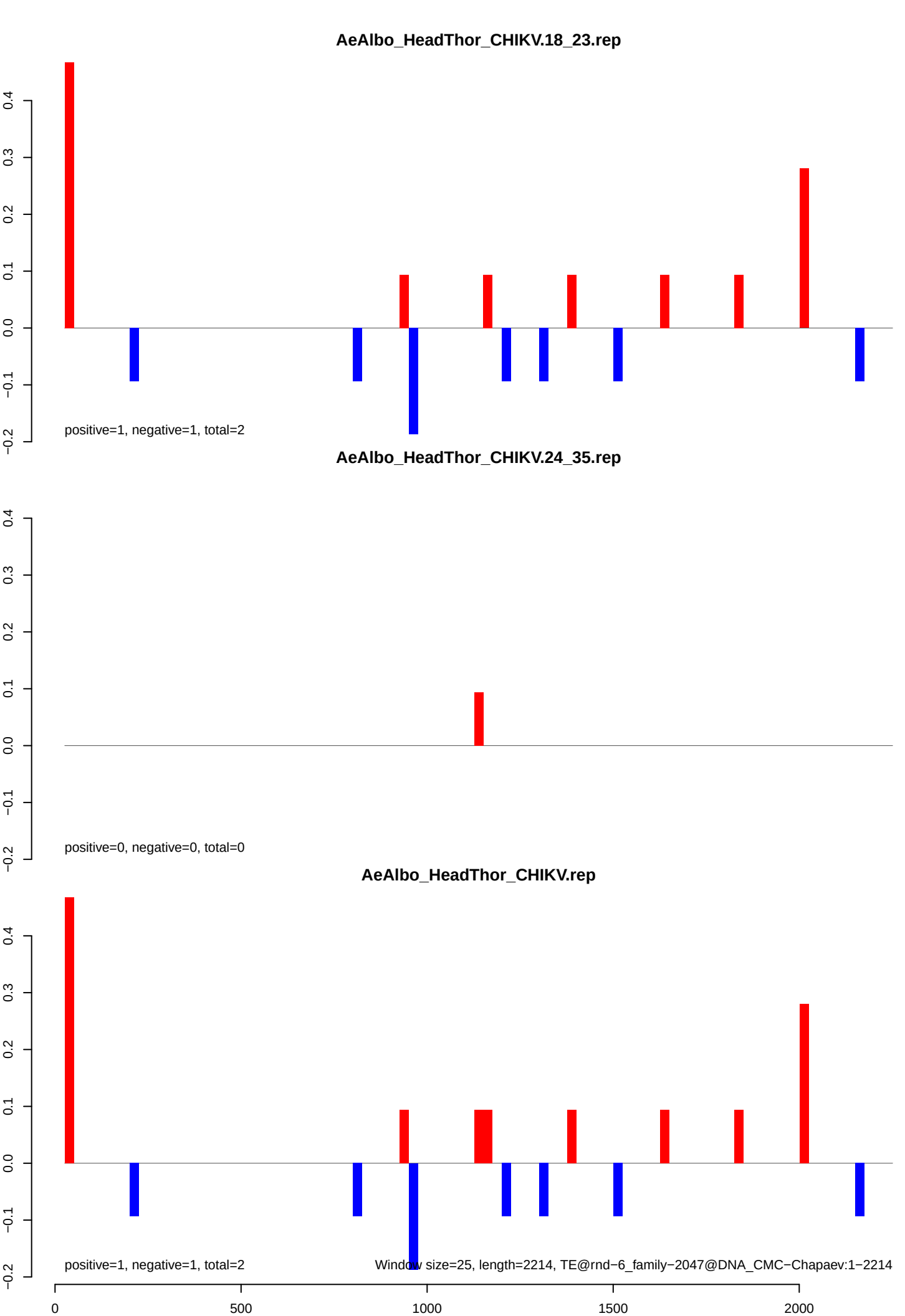
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

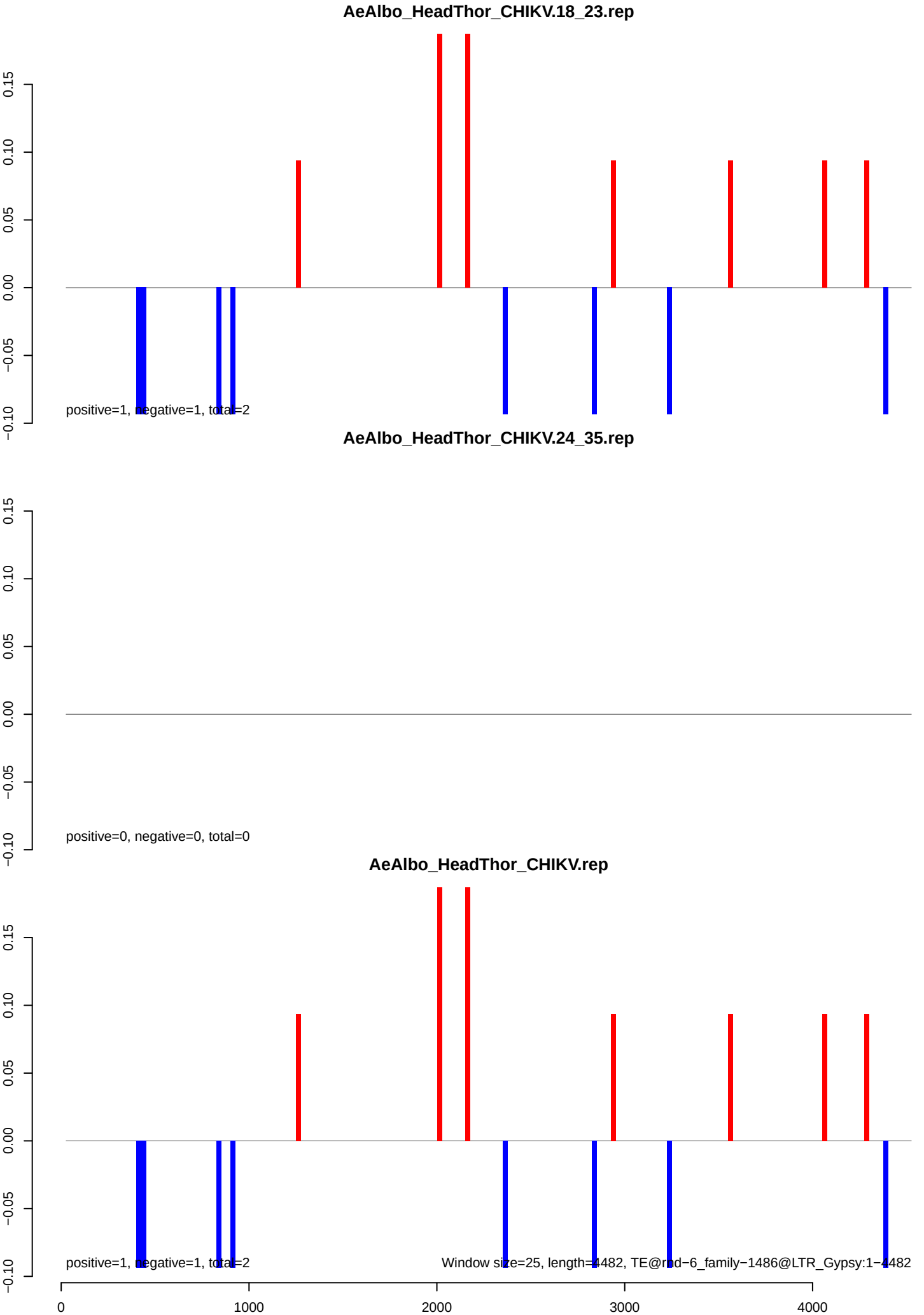

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=3, total=4
Window size=25, length=683, TE@ltr−1_family−1660@Unknown:1−683
0
100
200
300
400
500
600
700

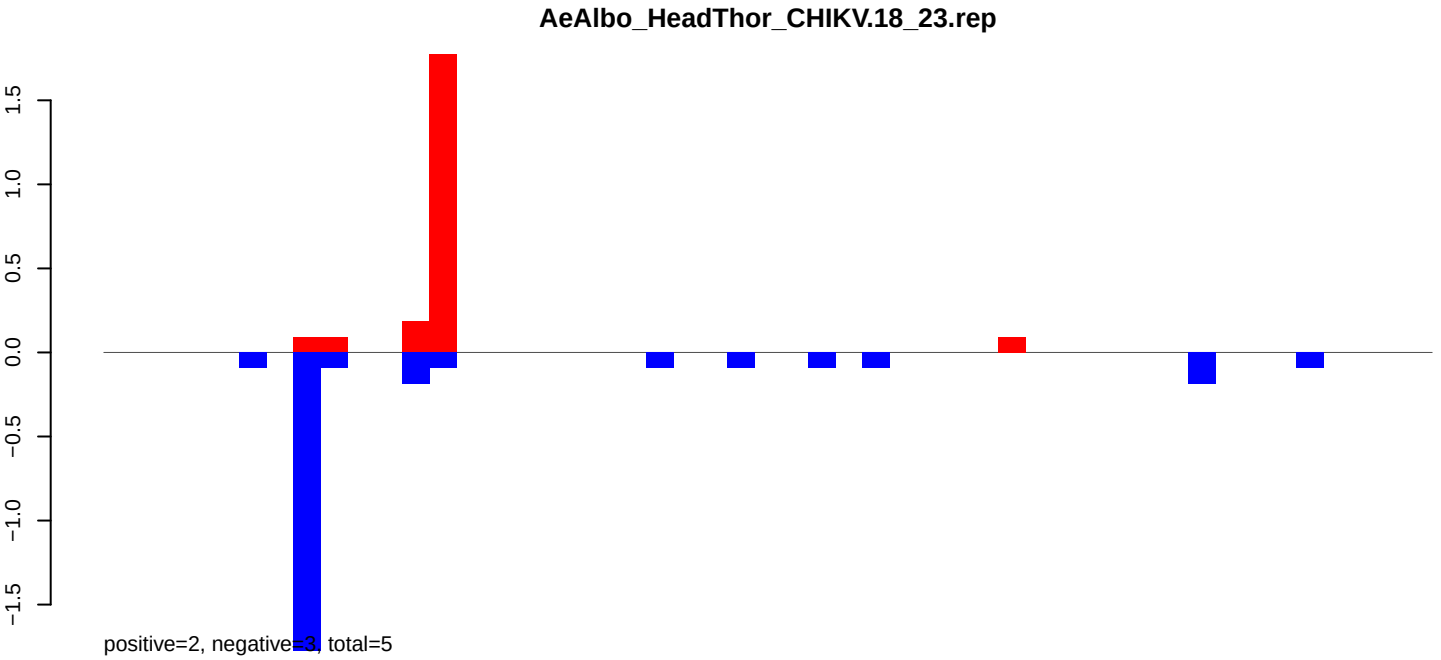

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=2, negative=4, total=7
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=6, total=9
Window size=25, length=625, TE@ltr−1_family−135@Unknown:1−625
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
100
200
300
400
500
600

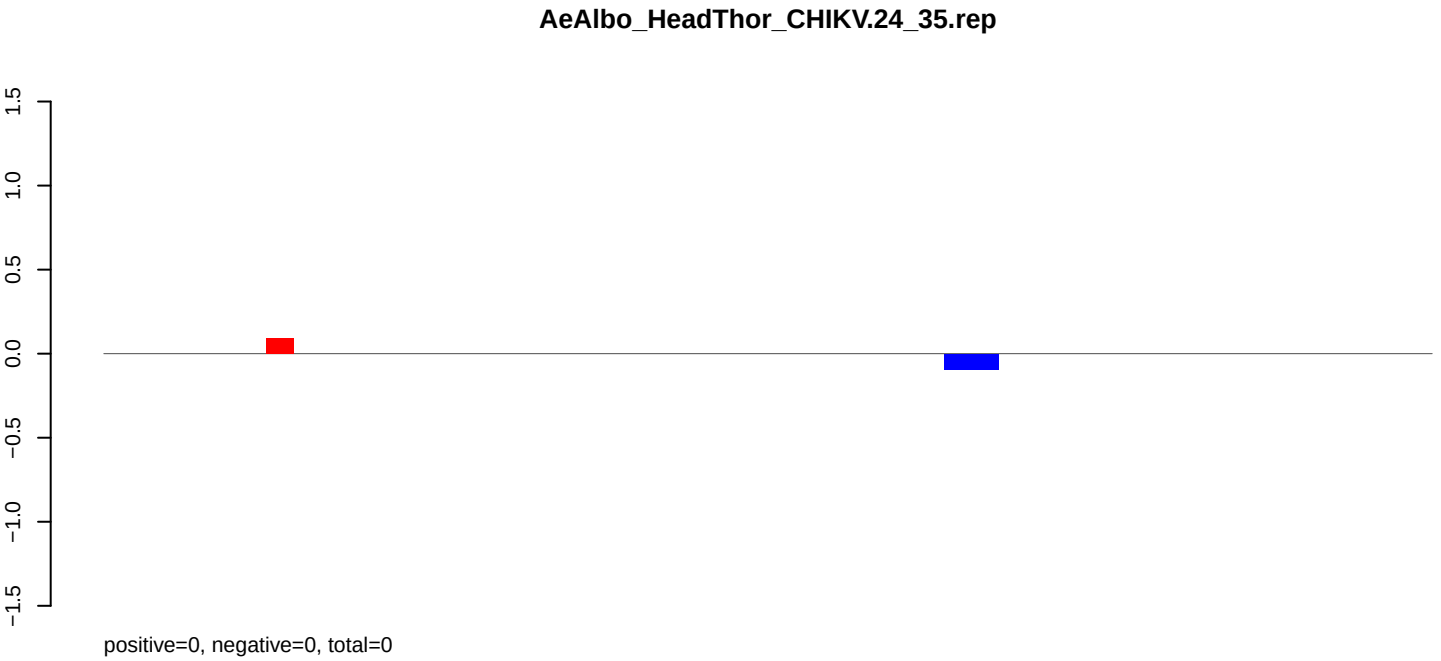

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=1911, TE@rnd−6_family−725@LTR_Gypsy:1−1911
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
500
1000
1500
2000

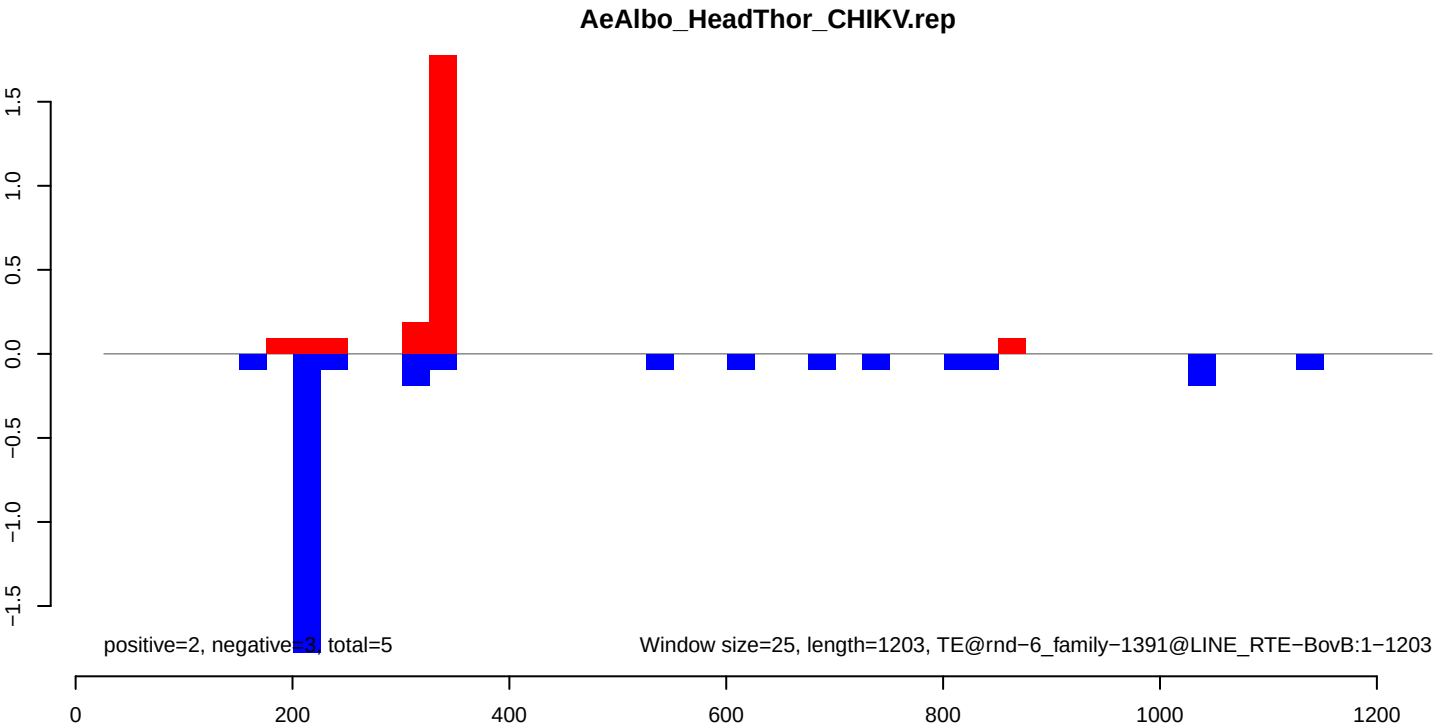

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=6, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=13, total=13
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=20, total=21
Window size=25, length=2316, TE@rnd−6_family−2446@LTR_Pao:1−2316
0
500
1000
1500
2000

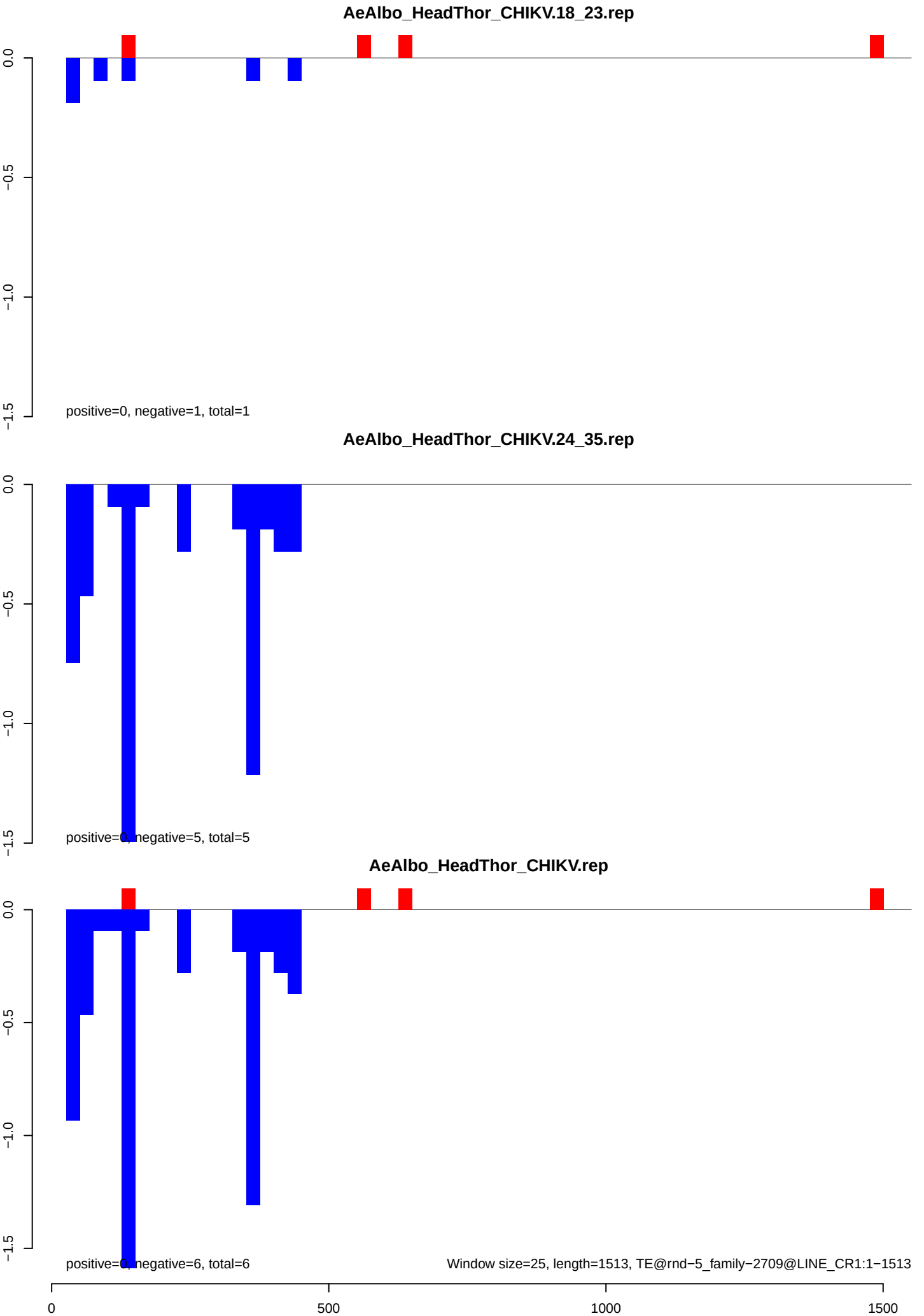

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2214, TE@rnd−6_family−2047@DNA_CMC−Chapaev:1−2214
0
500
1000
1500
2000

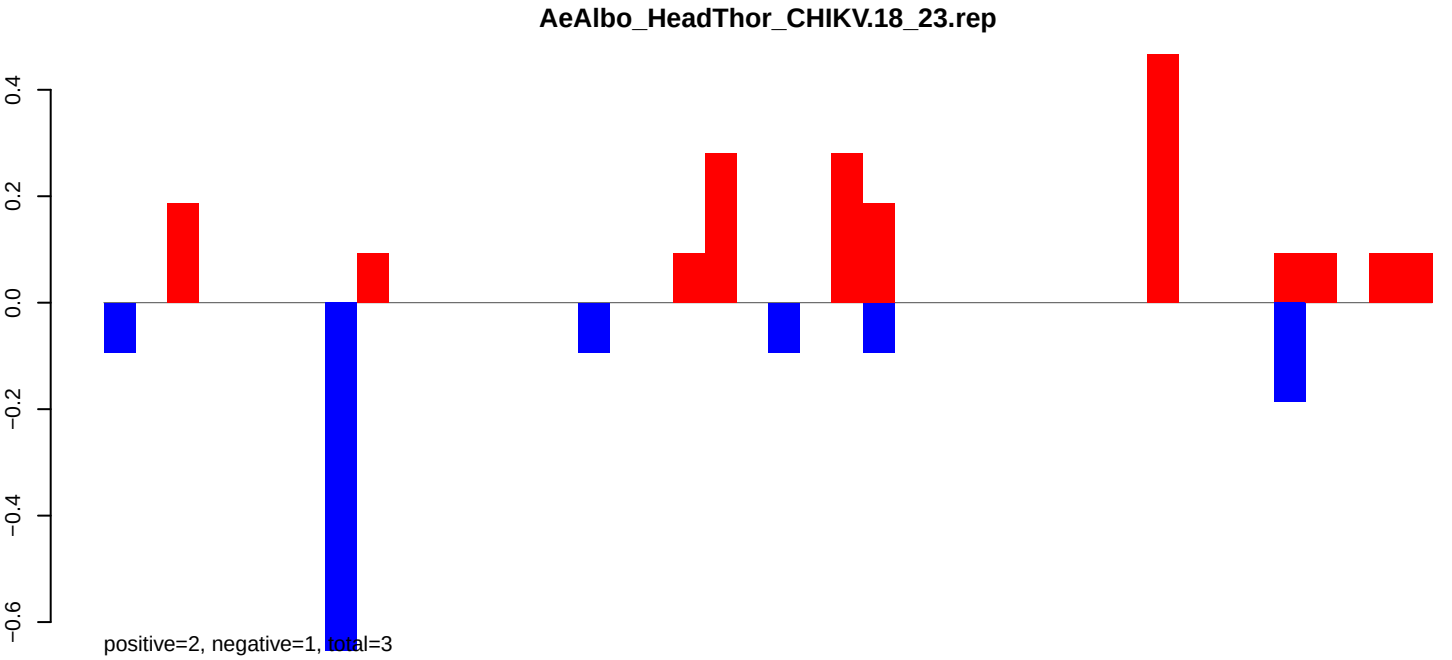

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=2
Window size=25, length=4482, TE@rnd−6_family−1486@LTR_Gypsy:1−4482
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=3, total=5

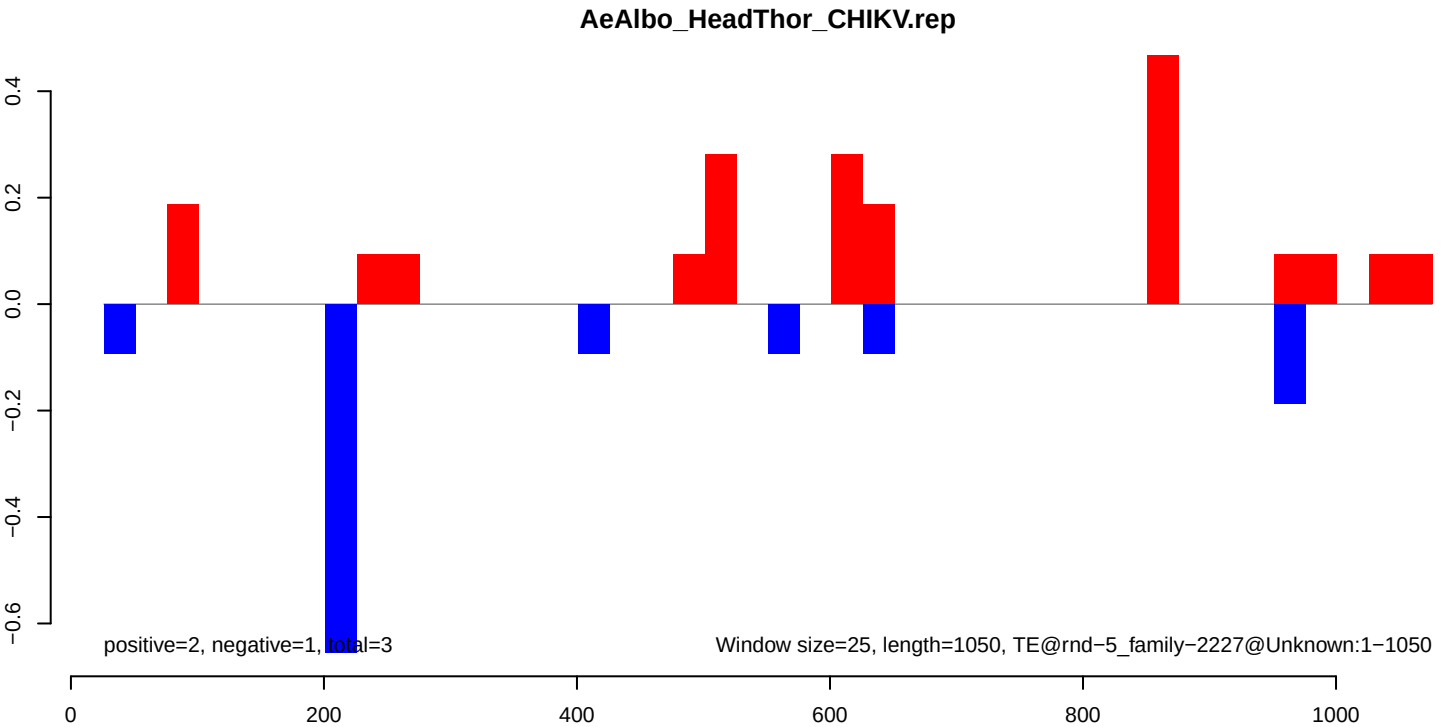

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

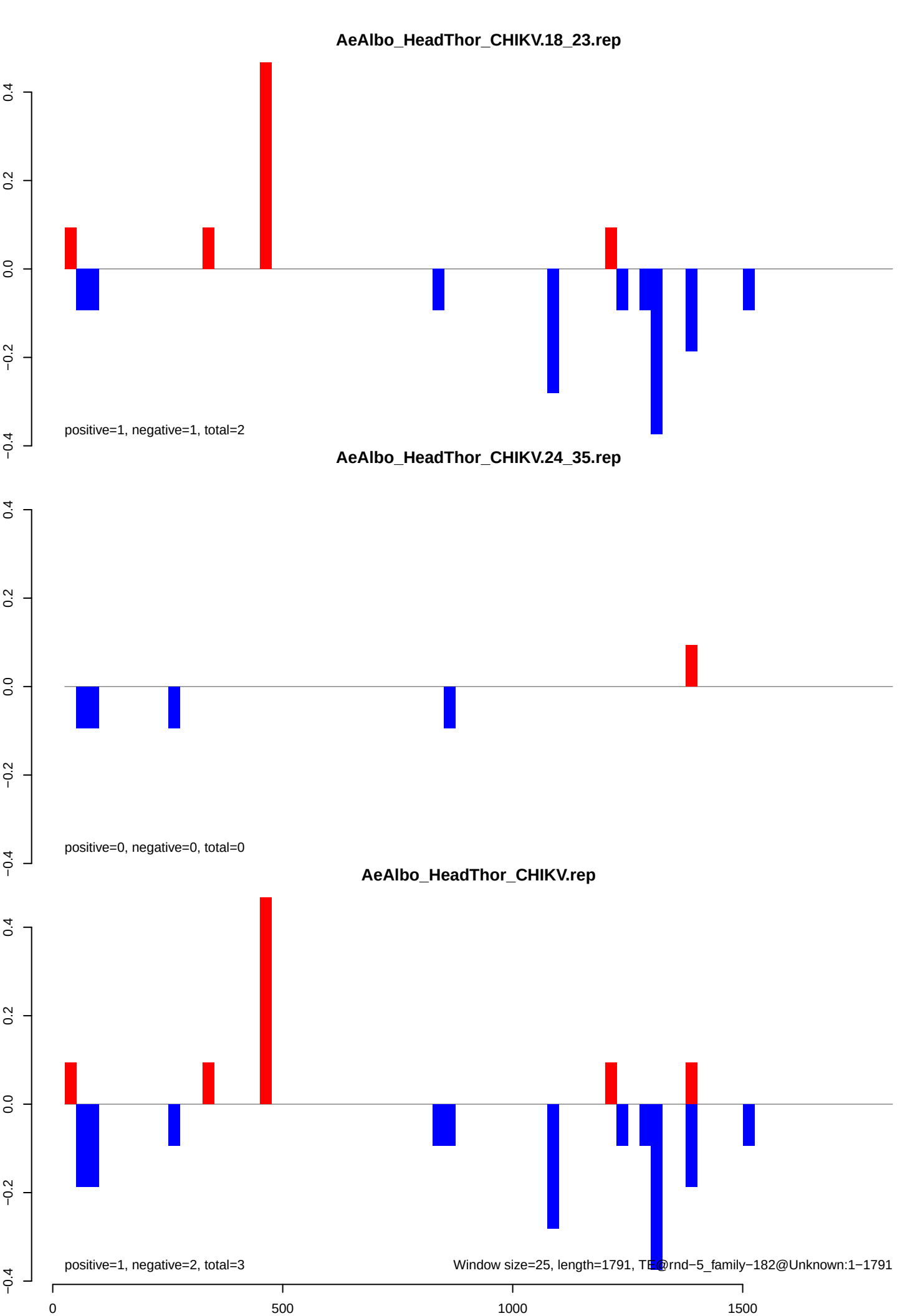

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=3, total=5
Window size=25, length=1203, TE@rnd−6_family−1391@LINE_RTE−BovB:1−1203
0
200
400
600
800
1000
1200

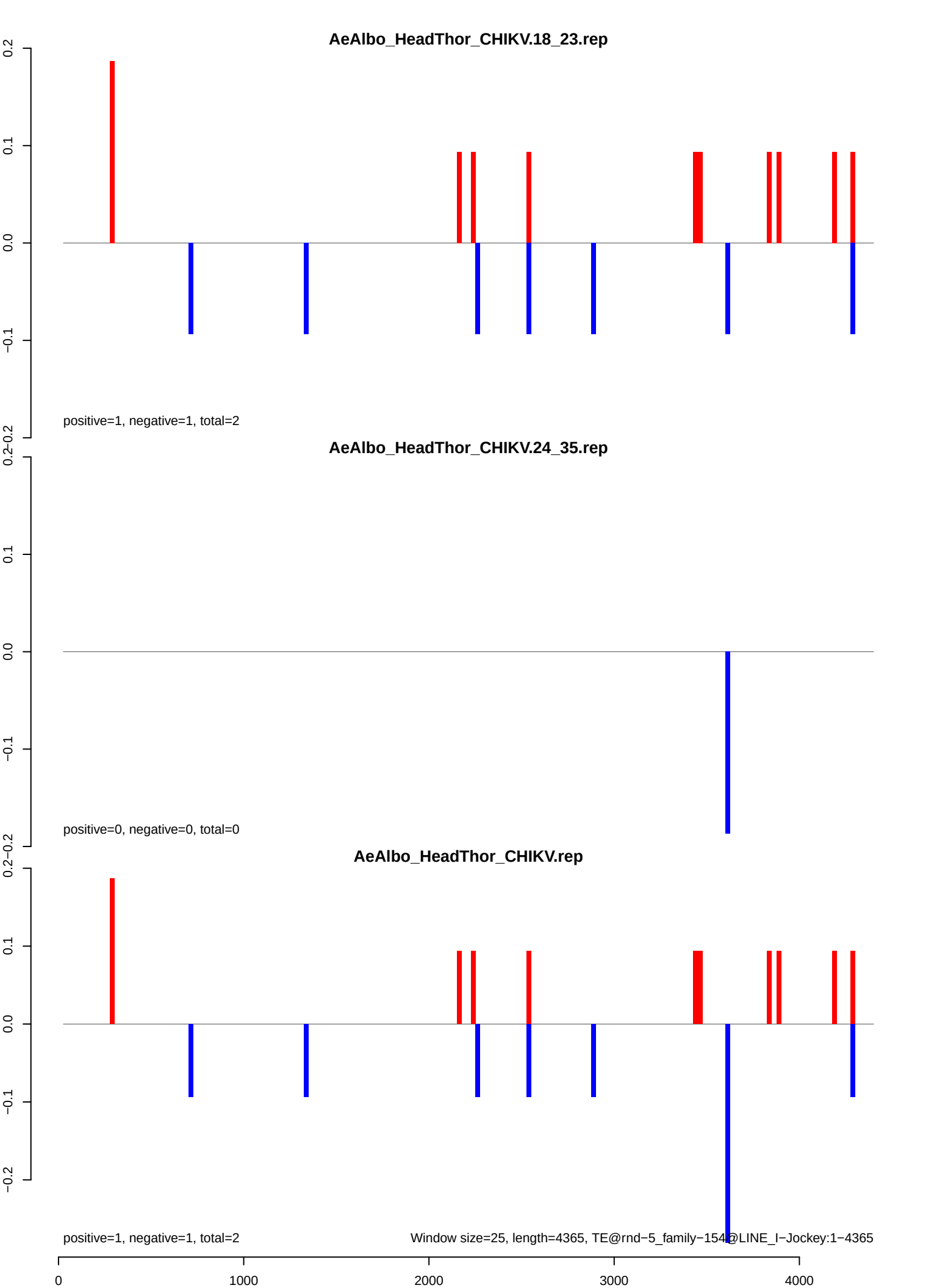

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=6, total=6
Window size=25, length=1513, TE@rnd−5_family−2709@LINE_CR1:1−1513
0
500
1000
1500

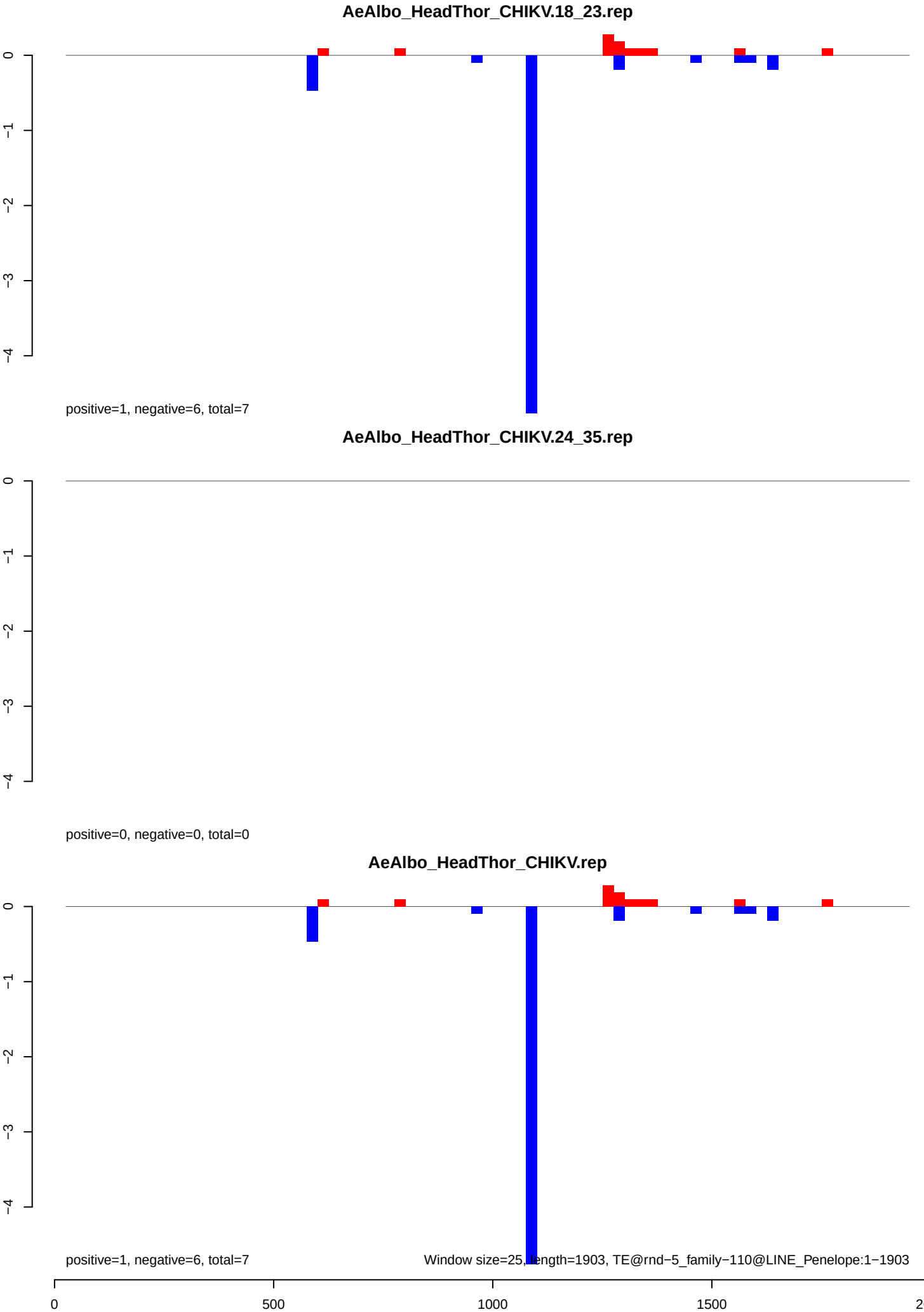

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=1, total=3

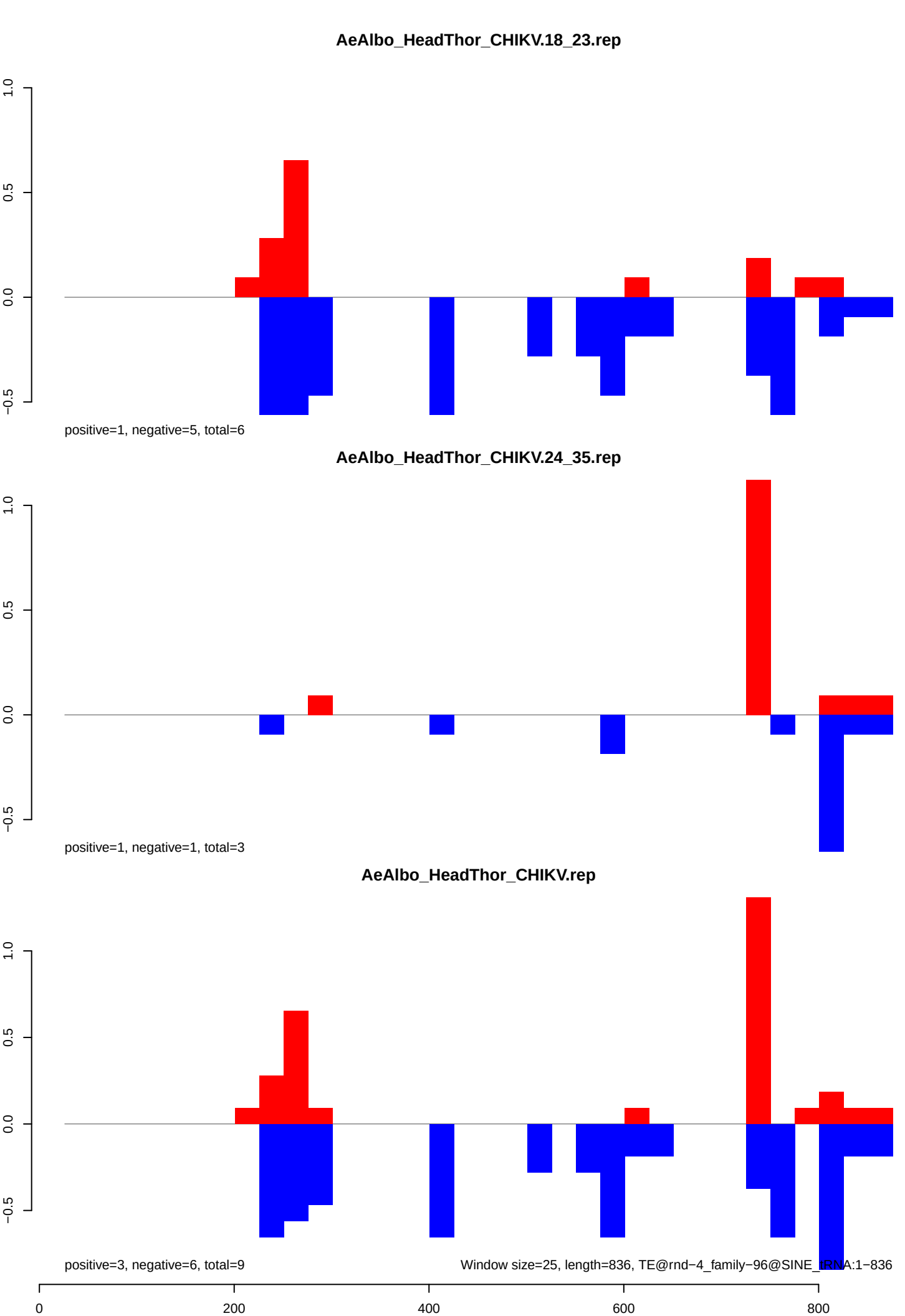
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

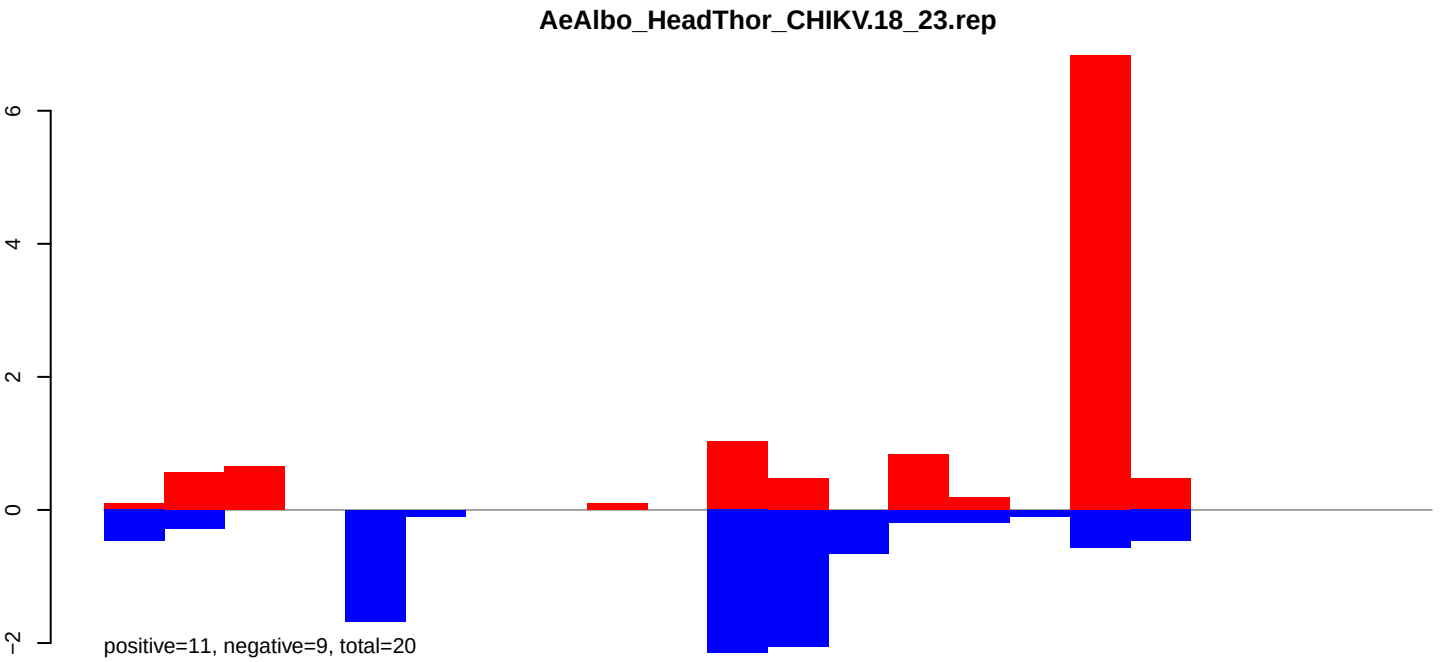

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=1, total=3
Window size=25, length=1050, TE@rnd−5_family−2227@Unknown:1−1050
0
200
400
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=3
Window size=25, length=1791, TE@rnd−5_family−182@Unknown:1−1791
0
500
1000
1500

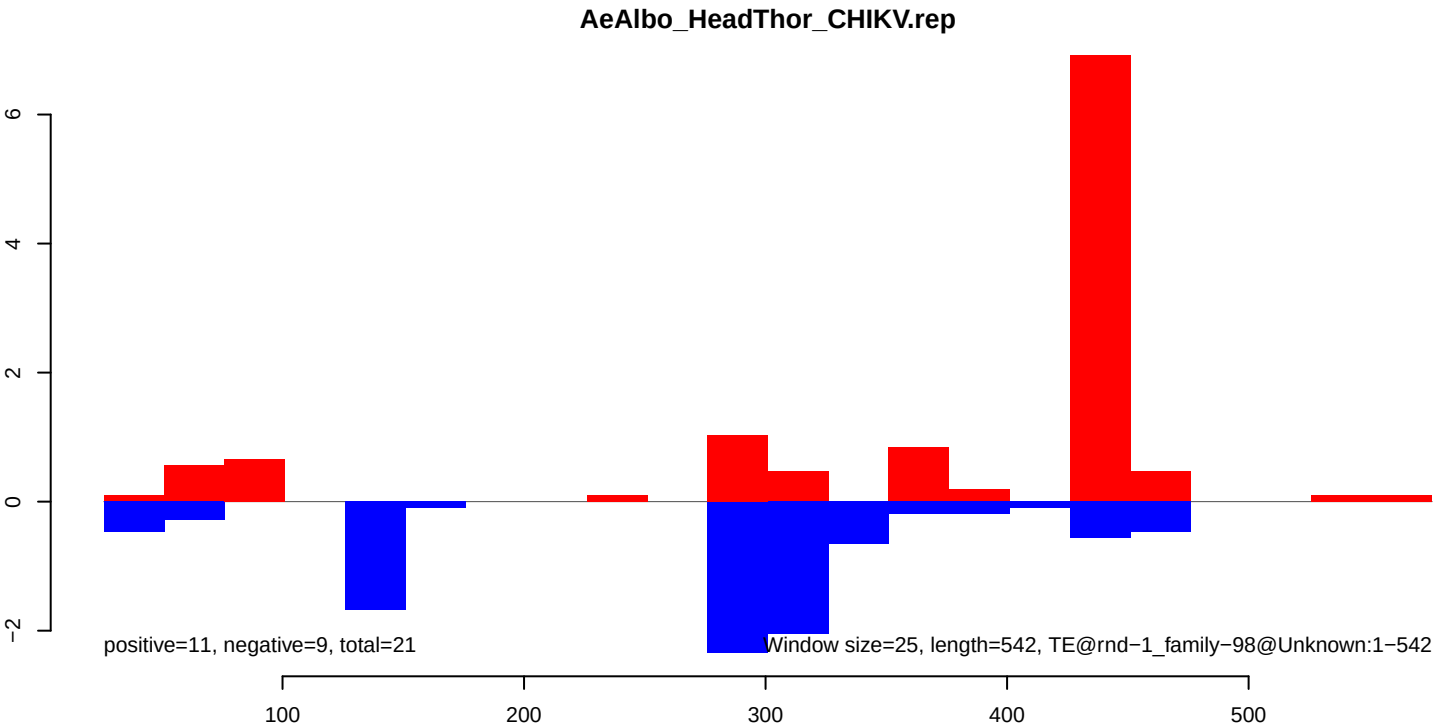

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=4365, TE@rnd−5_family−154@LINE_I−Jockey:1−4365
0
1000
2000
3000
4000

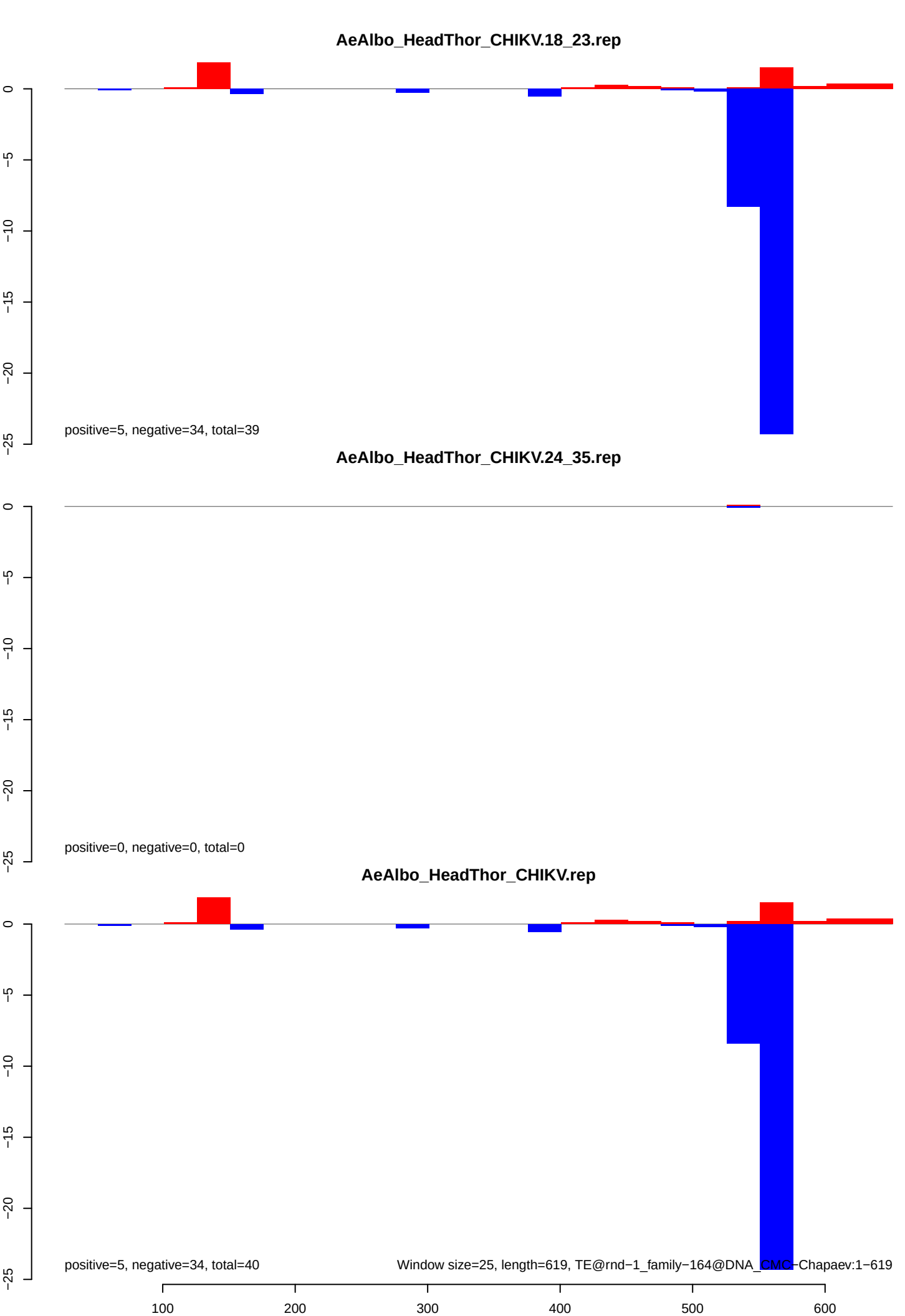

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=1, negative=6, total=7
Window size=25, length=1903, TE@rnd−5_family−110@LINE_Penelope:1−1903
0
500
1000
1500
2000

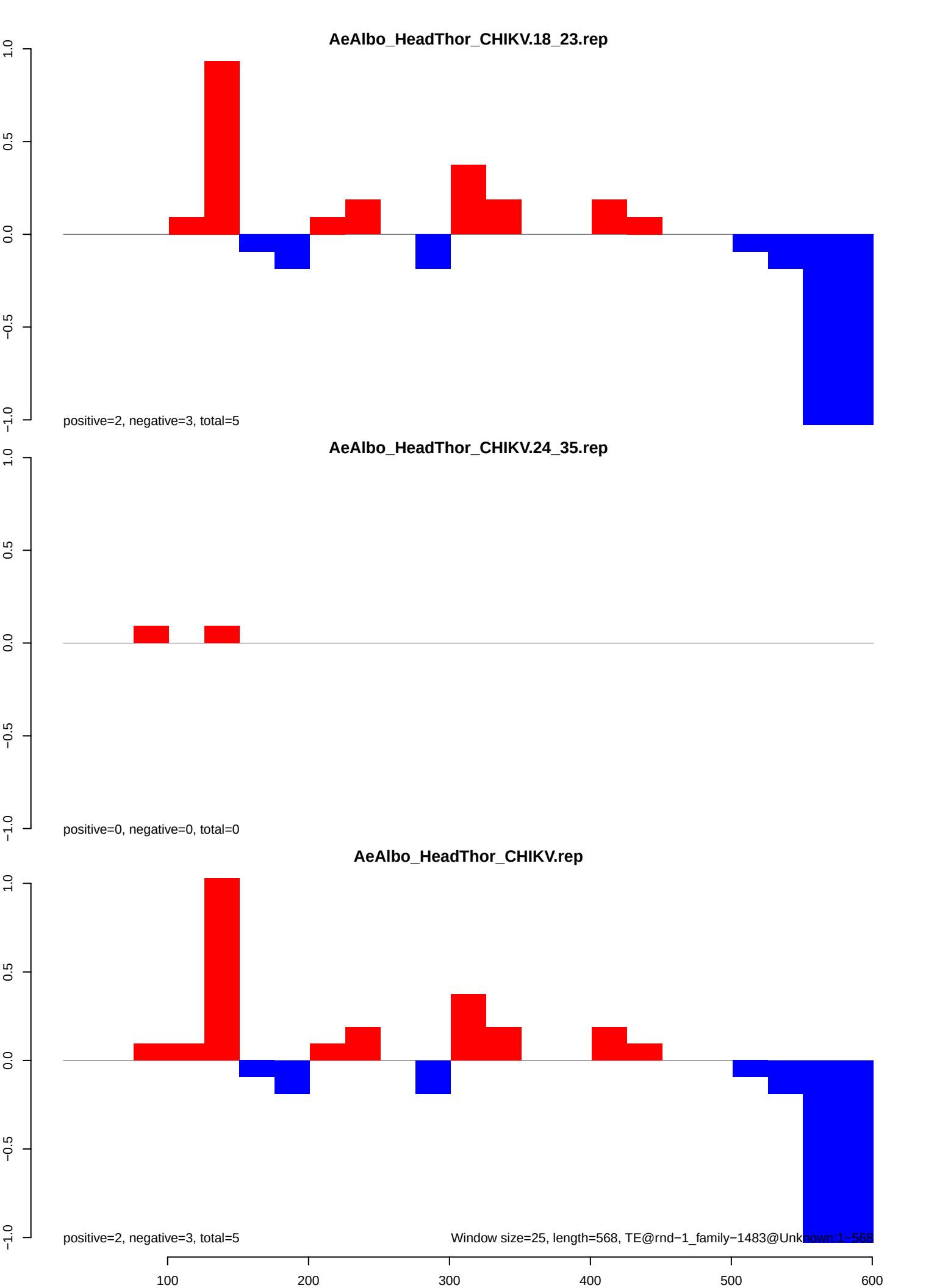

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=6, total=9
Window size=25, length=836, TE@rnd−4_family−96@SINE_tRNA:1−836
0
200
400
600
800

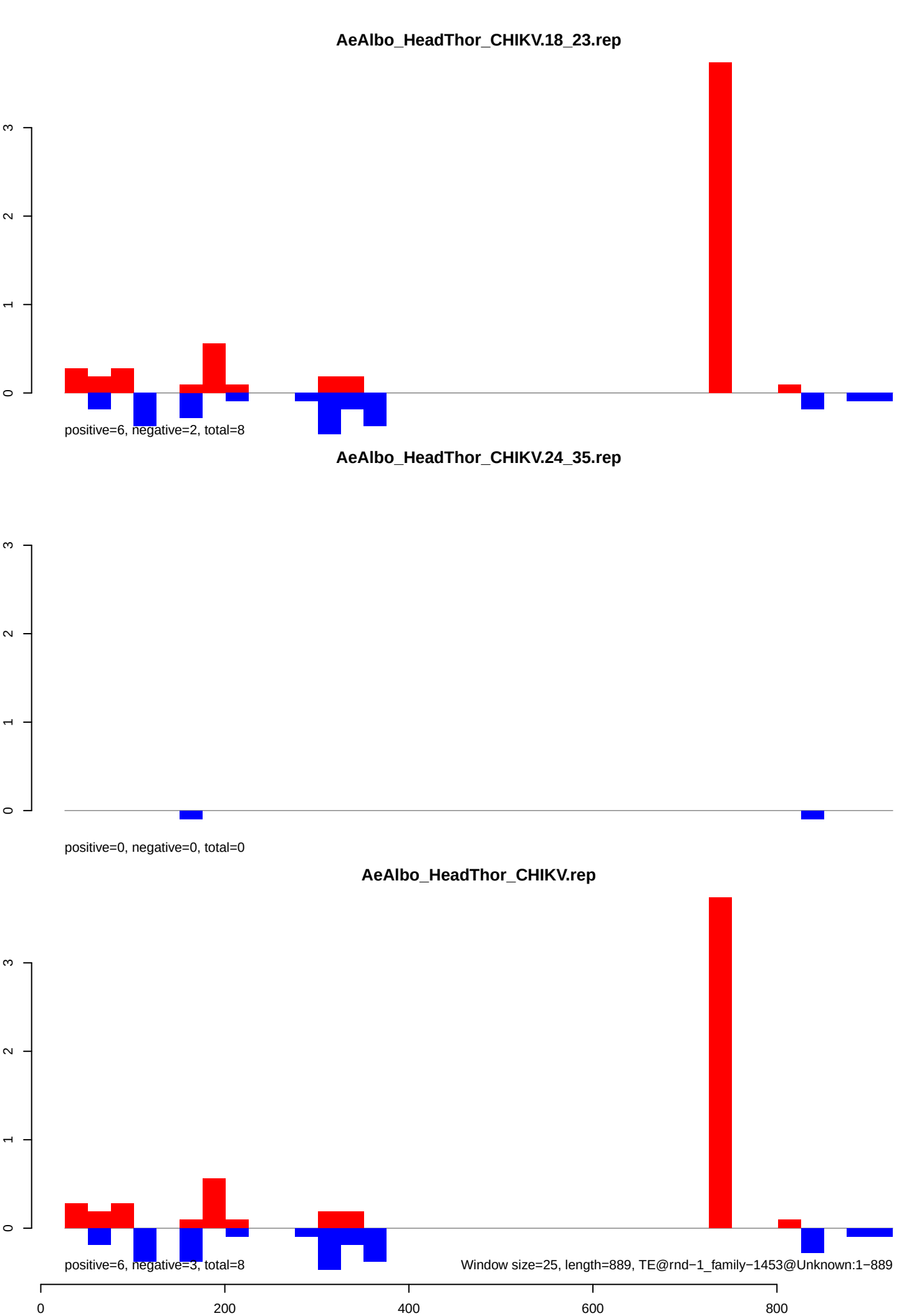

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
positive=11, negative=9, total=20

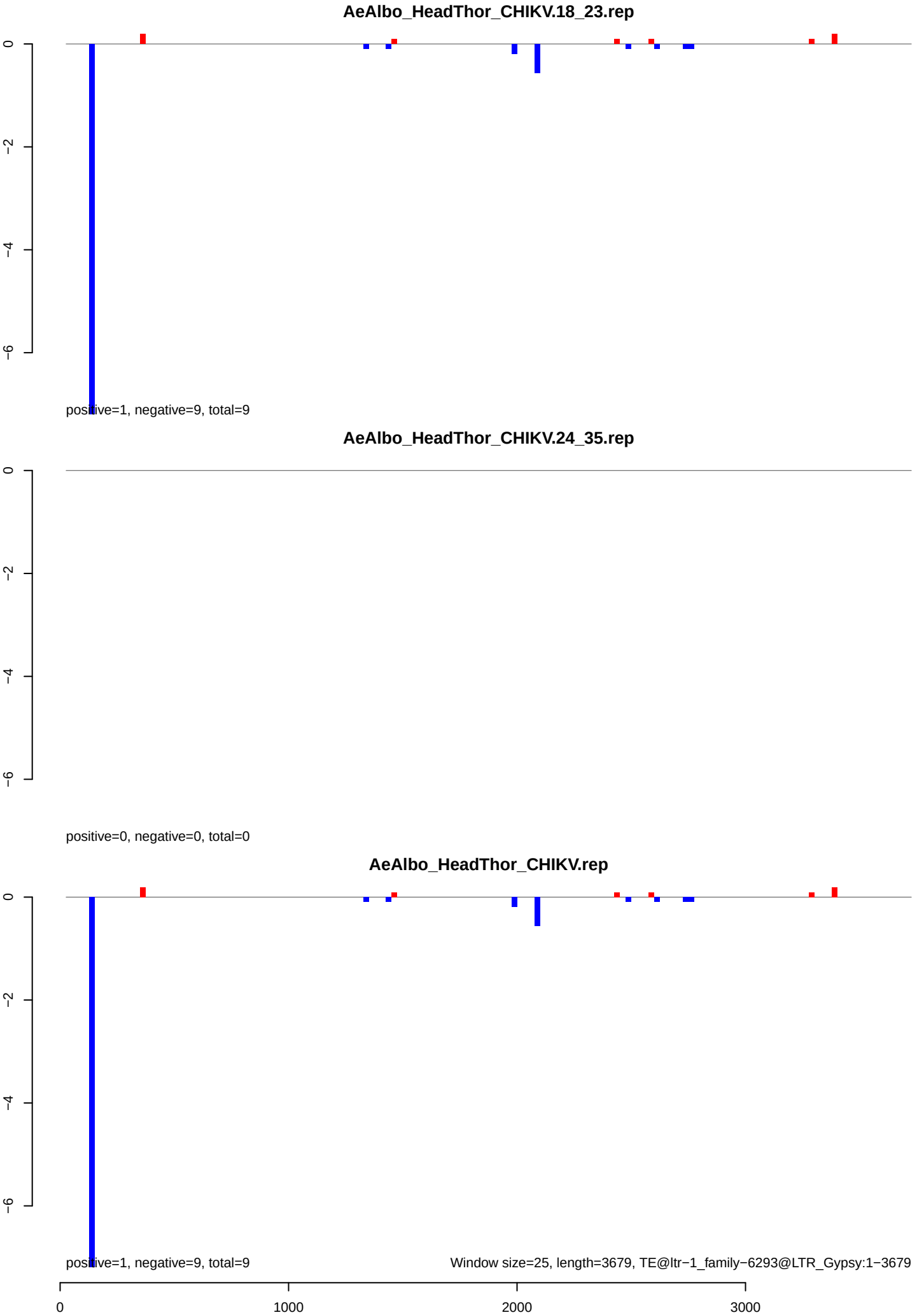
AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
positive=0, negative=0, total=0

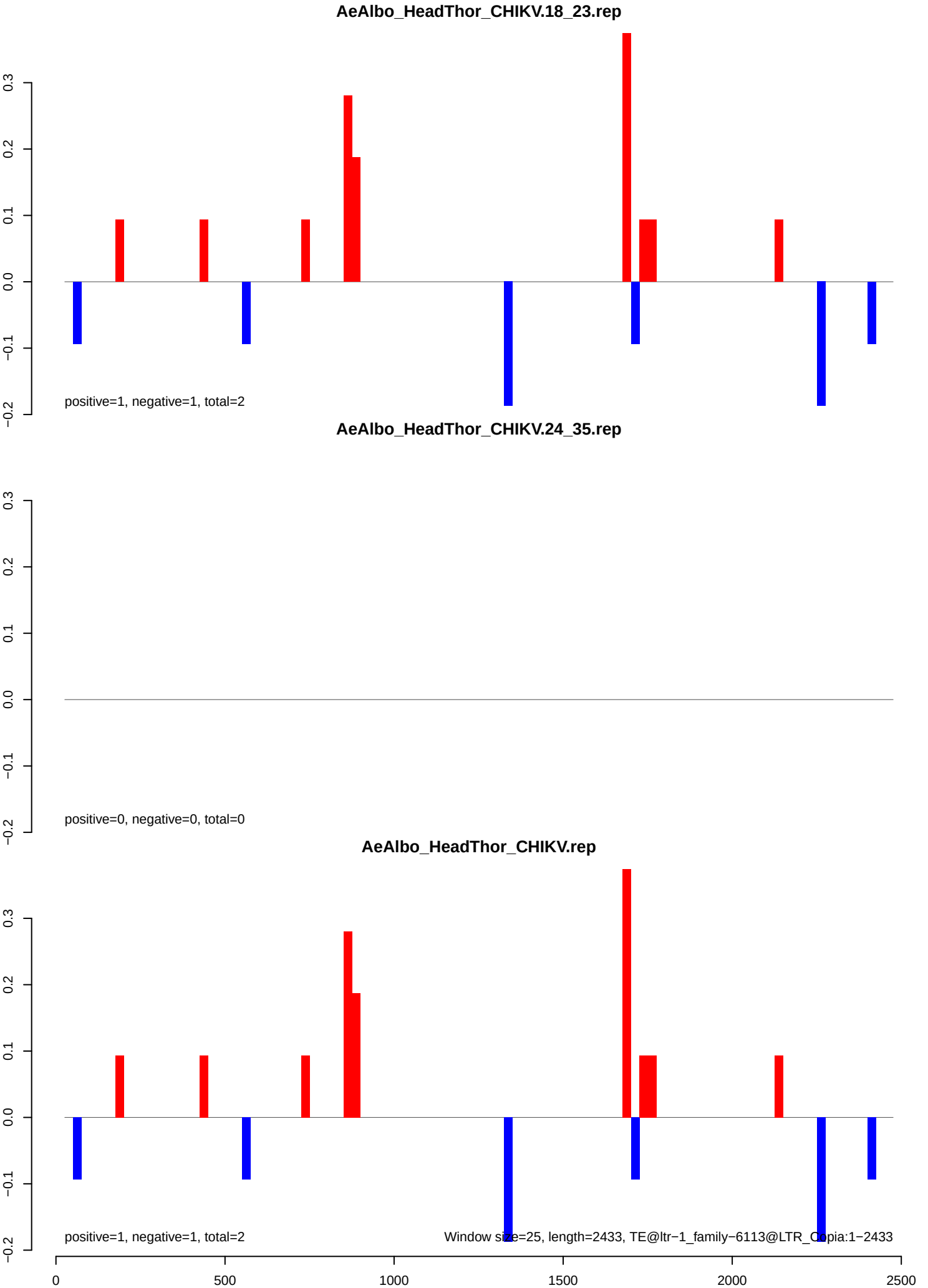

AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=11, negative=9, total=21
Window size=25, length=542, TE@rnd−1_family−98@Unknown:1−542
100
200
300
400
500

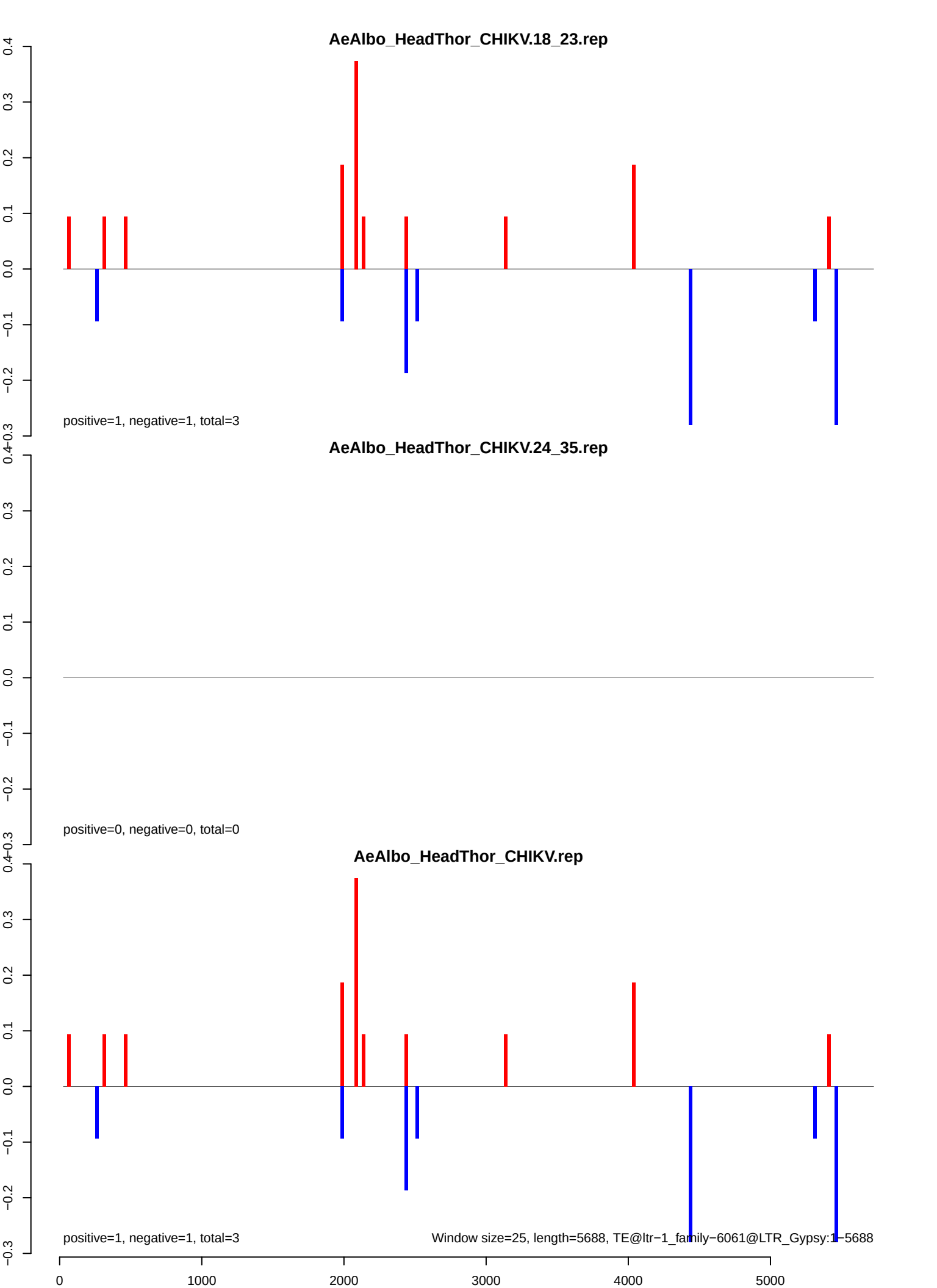

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=5, negative=34, total=39
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=5, negative=34, total=40
Window size=25, length=619, TE@rnd−1_family−164@DNA_CMC−Chapaev:1−619
100
200
300
400
500
600

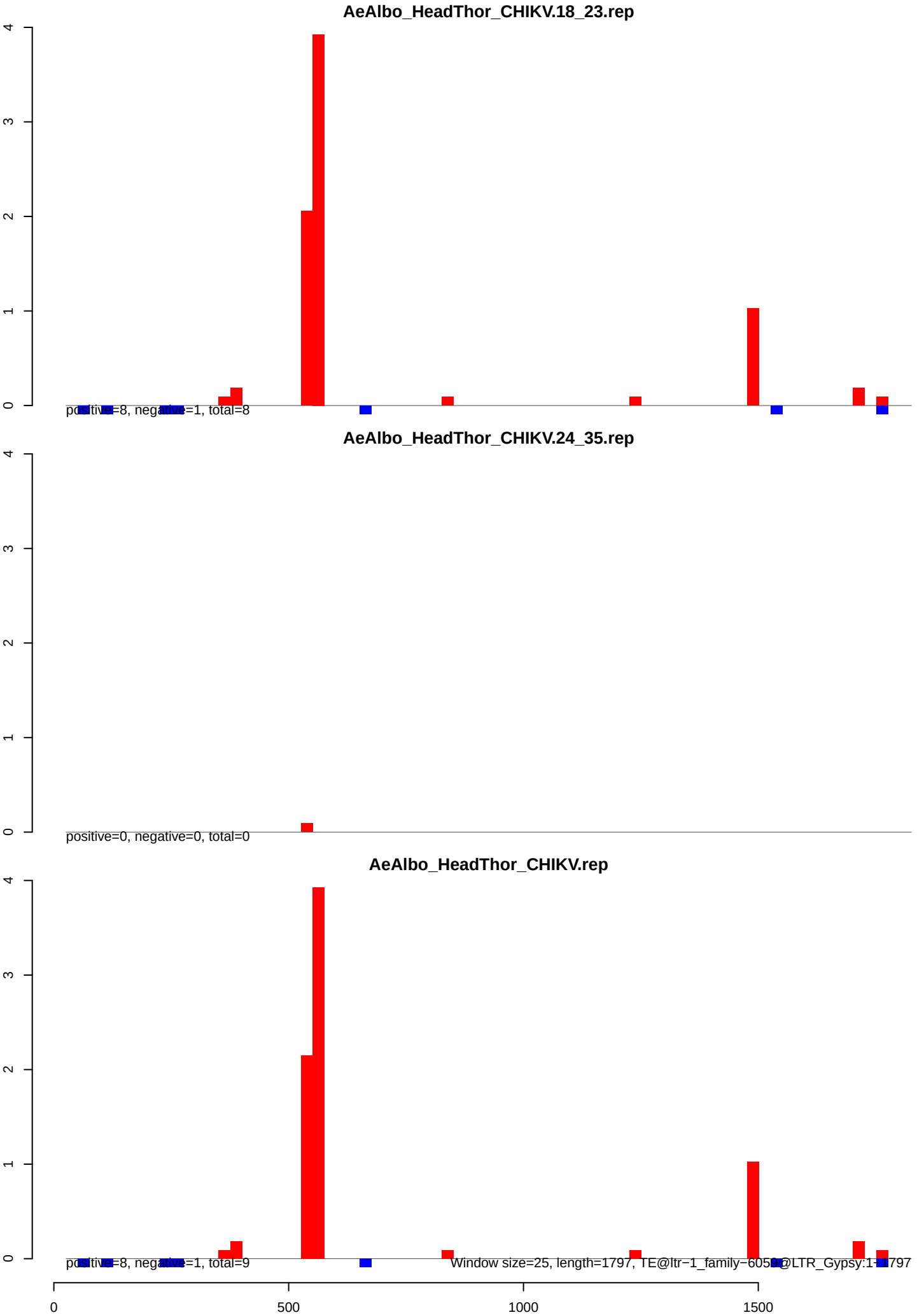

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5
Window size=25, length=568, TE@rnd−1_family−1483@Unknown:1−568
100
200
300
400
500
600

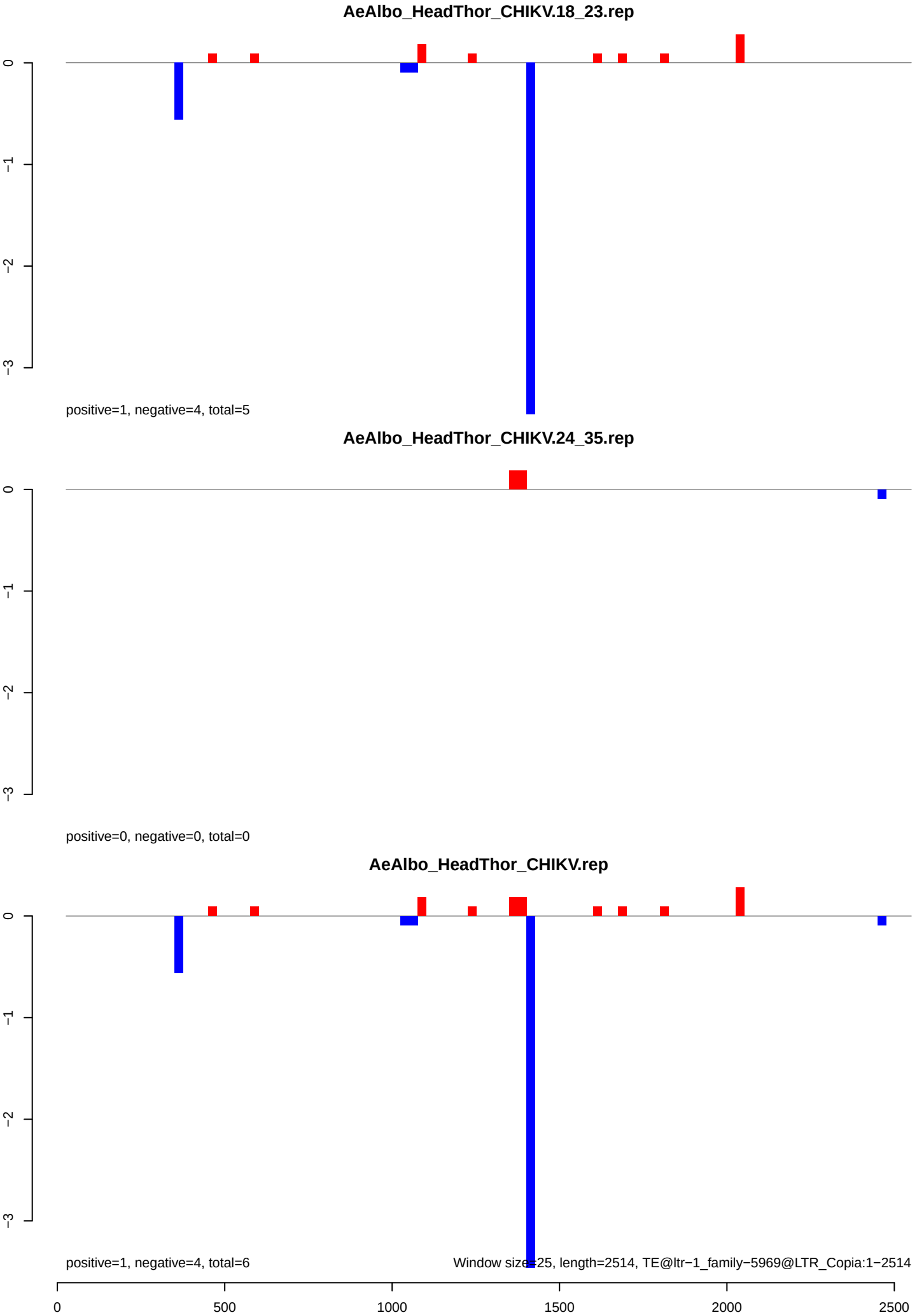

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=2, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=3, total=8
Window size=25, length=889, TE@rnd−1_family−1453@Unknown:1−889
0
200
400
600
800

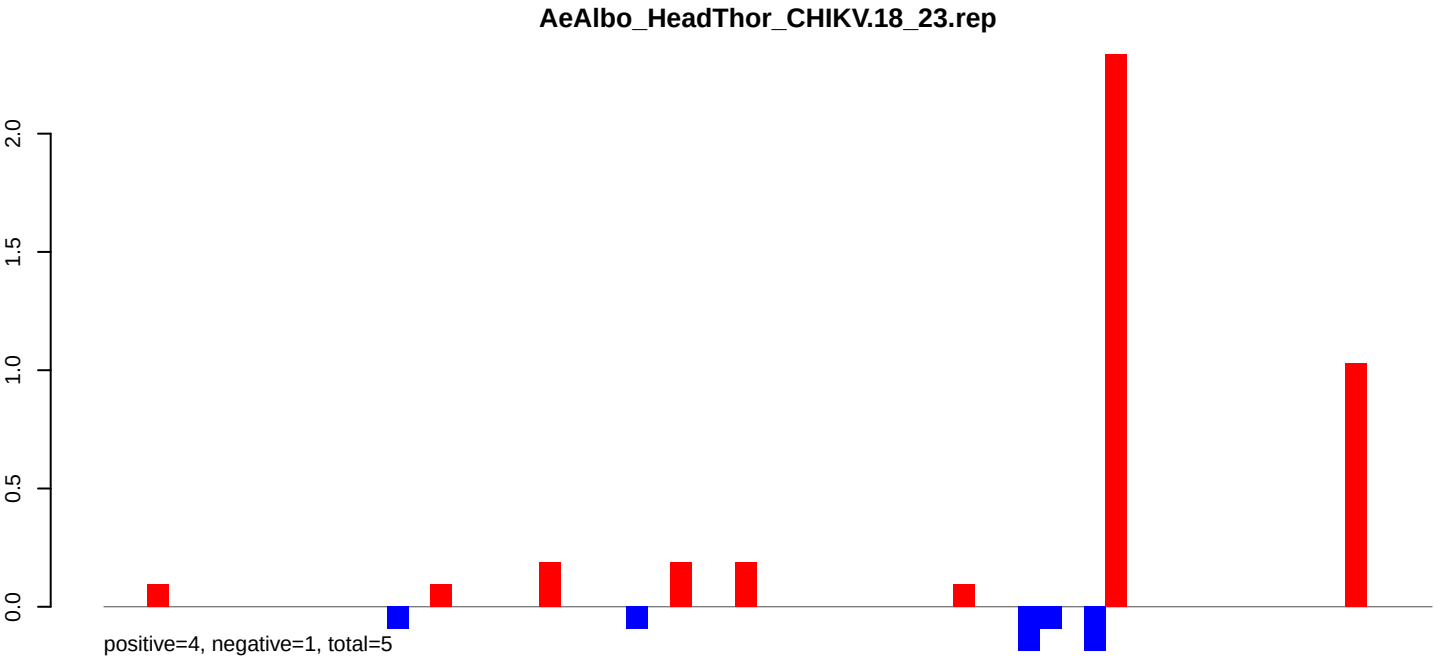

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
positive=1, negative=9, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
positive=1, negative=9, total=9
Window size=25, length=3679, TE@ltr−1_family−6293@LTR_Gypsy:1−3679
0
1000
2000
3000

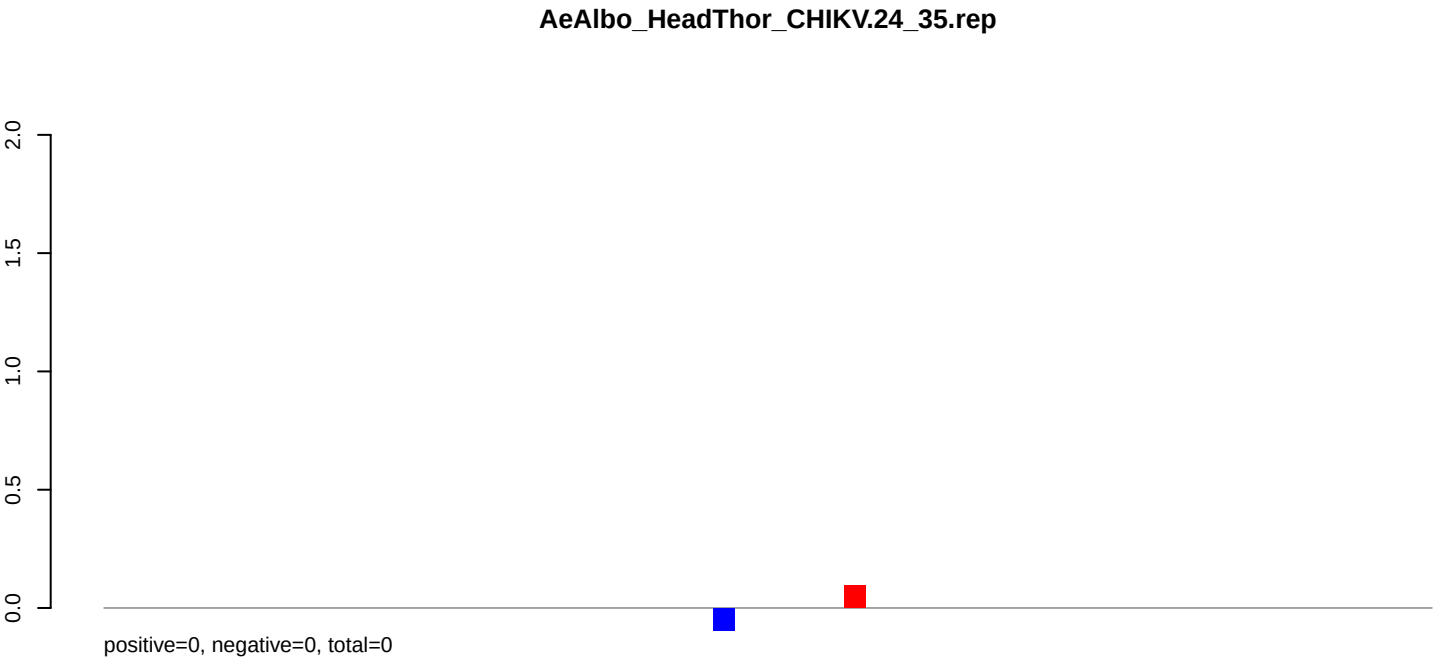

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2433, TE@ltr−1_family−6113@LTR_Copia:1−2433
0
500
1000
1500
2000
2500

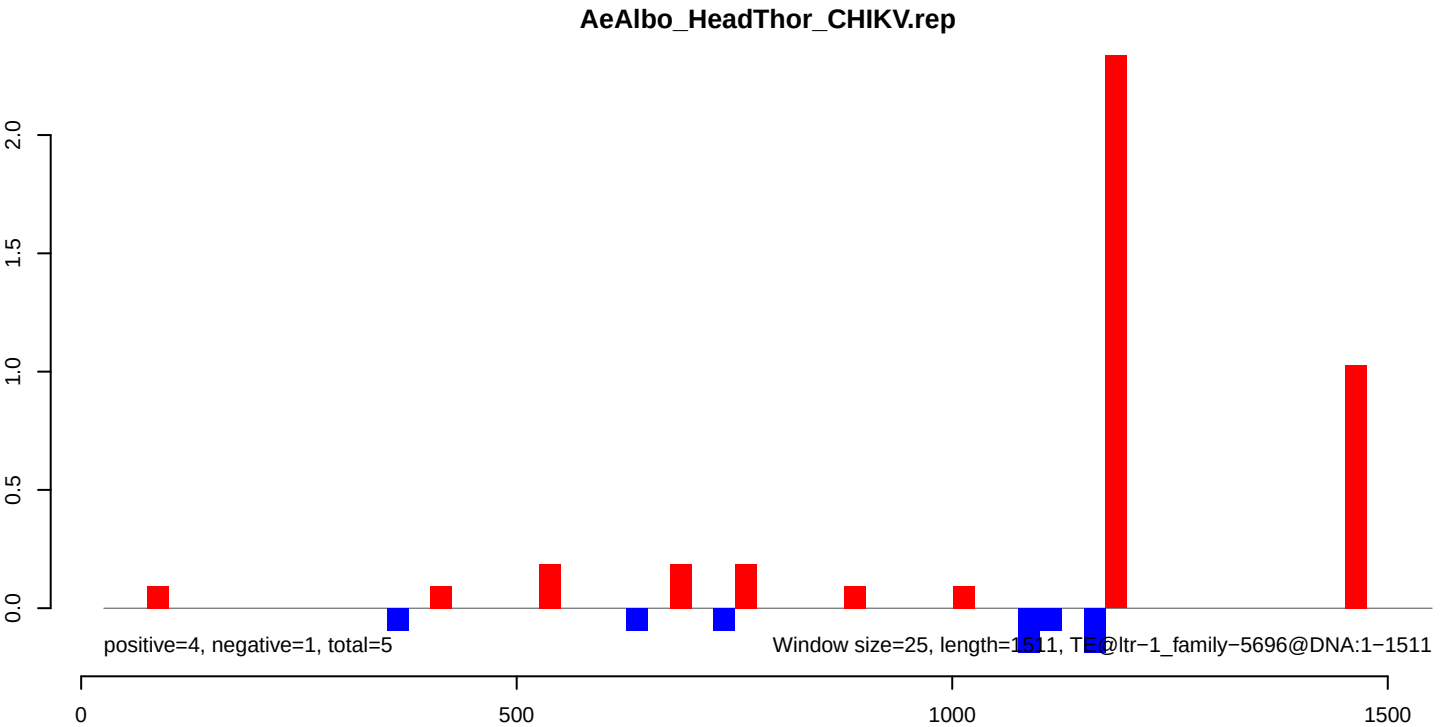

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=3
Window size=25, length=5688, TE@ltr−1_family−6061@LTR_Gypsy:1−5688
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000
5000

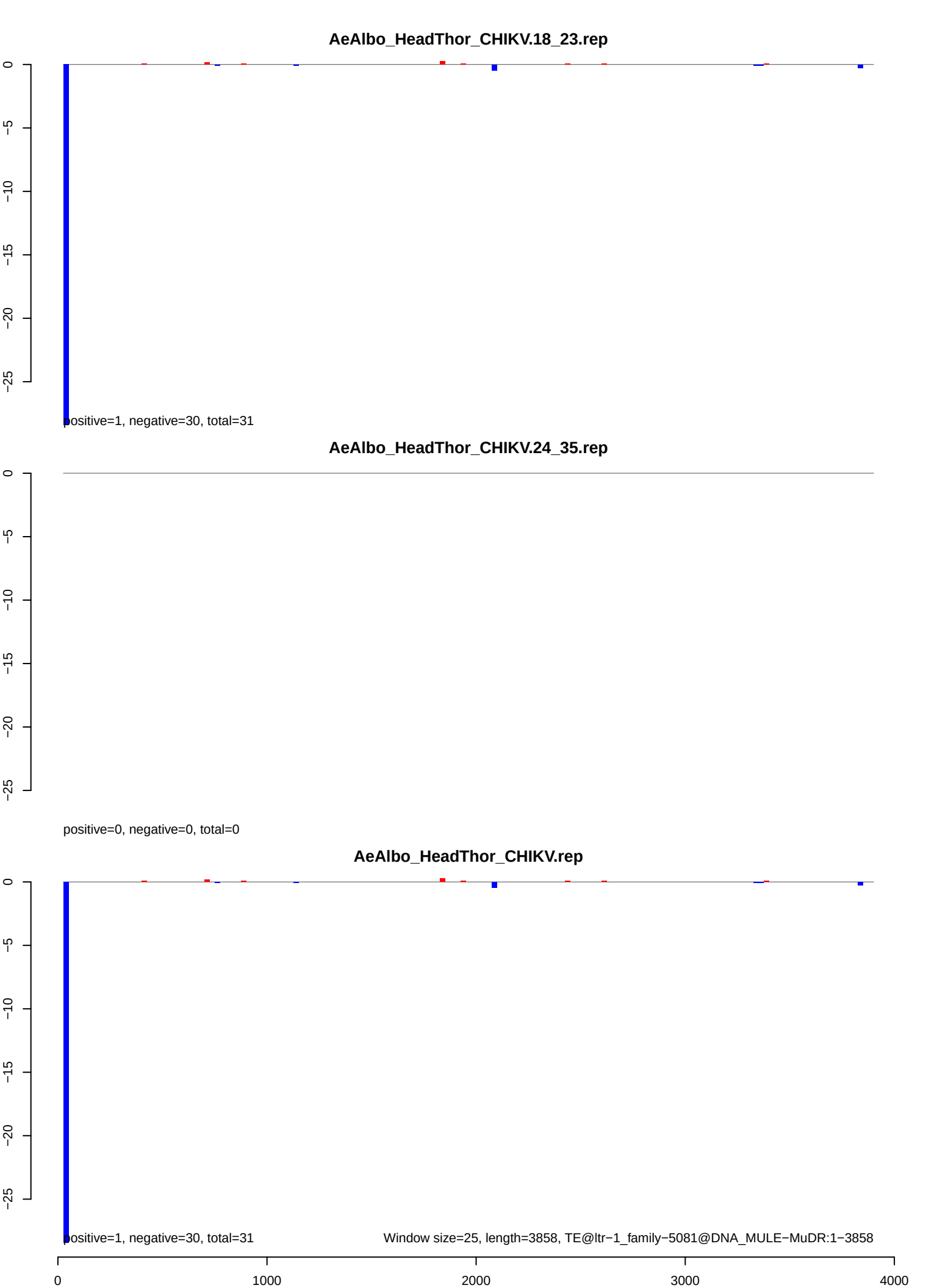

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=1, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=1, total=9
Window size=25, length=1797, TE@ltr−1_family−6058@LTR_Gypsy:1−1797
0
500
1000
1500


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=1, negative=4, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=1, negative=4, total=6
Window size=25, length=2514, TE@ltr−1_family−5969@LTR_Copia:1−2514
0
500
1000
1500
2000
2500

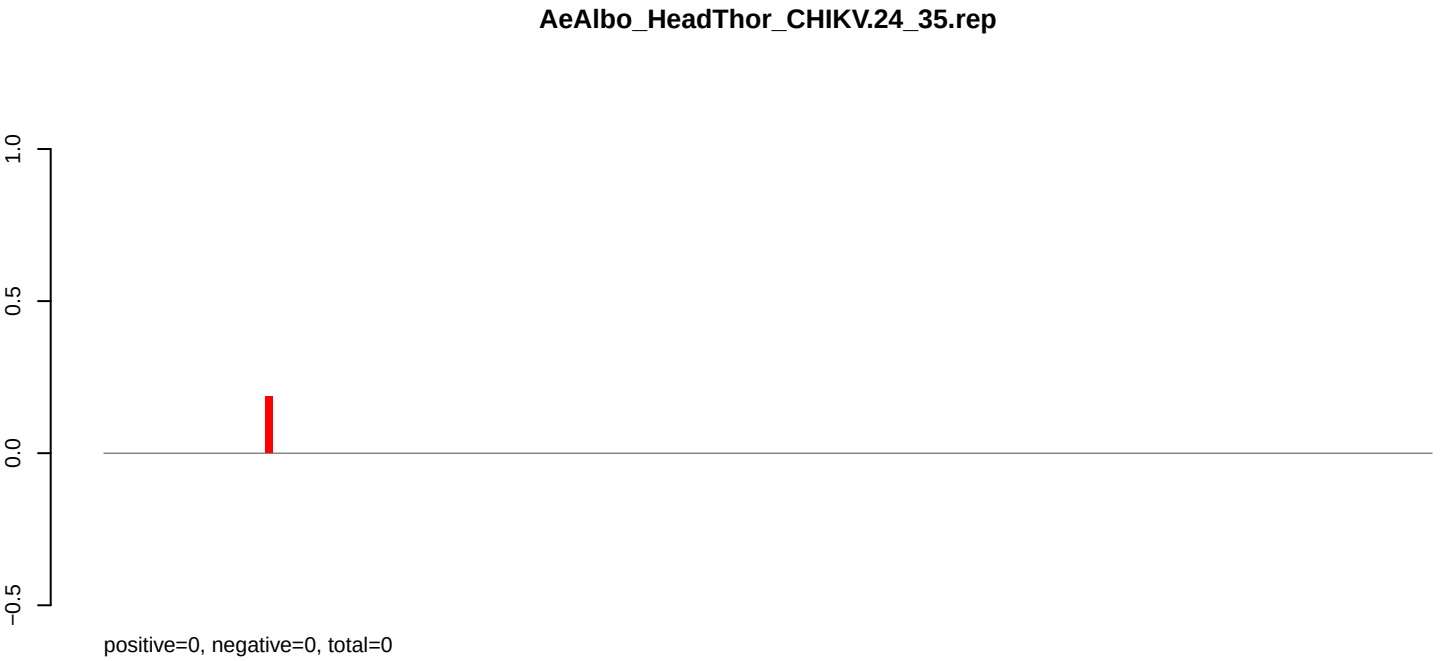

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=4, negative=1, total=5

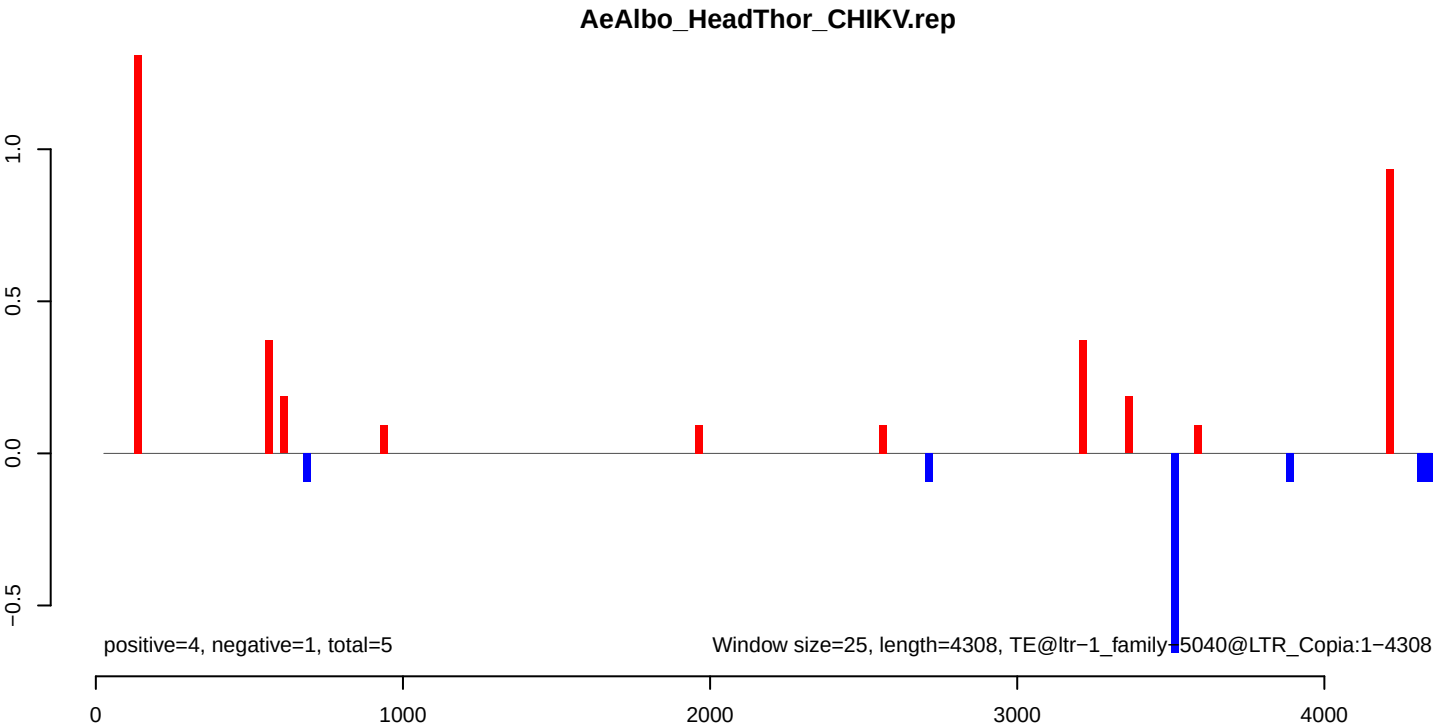

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

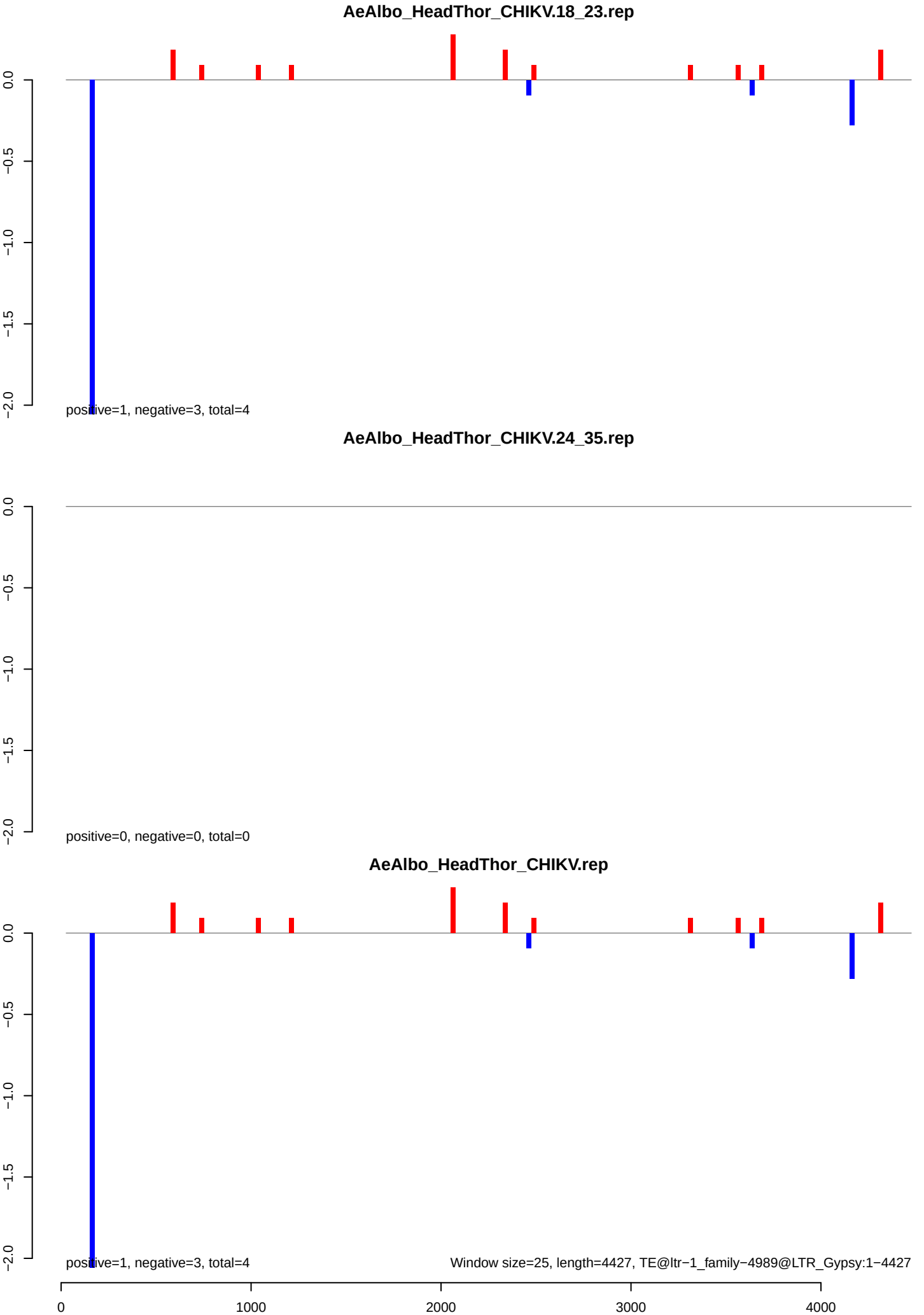

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=4, negative=1, total=5
Window size=25, length=1511, TE@ltr−1_family−5696@DNA:1−1511
0
500
1000
1500

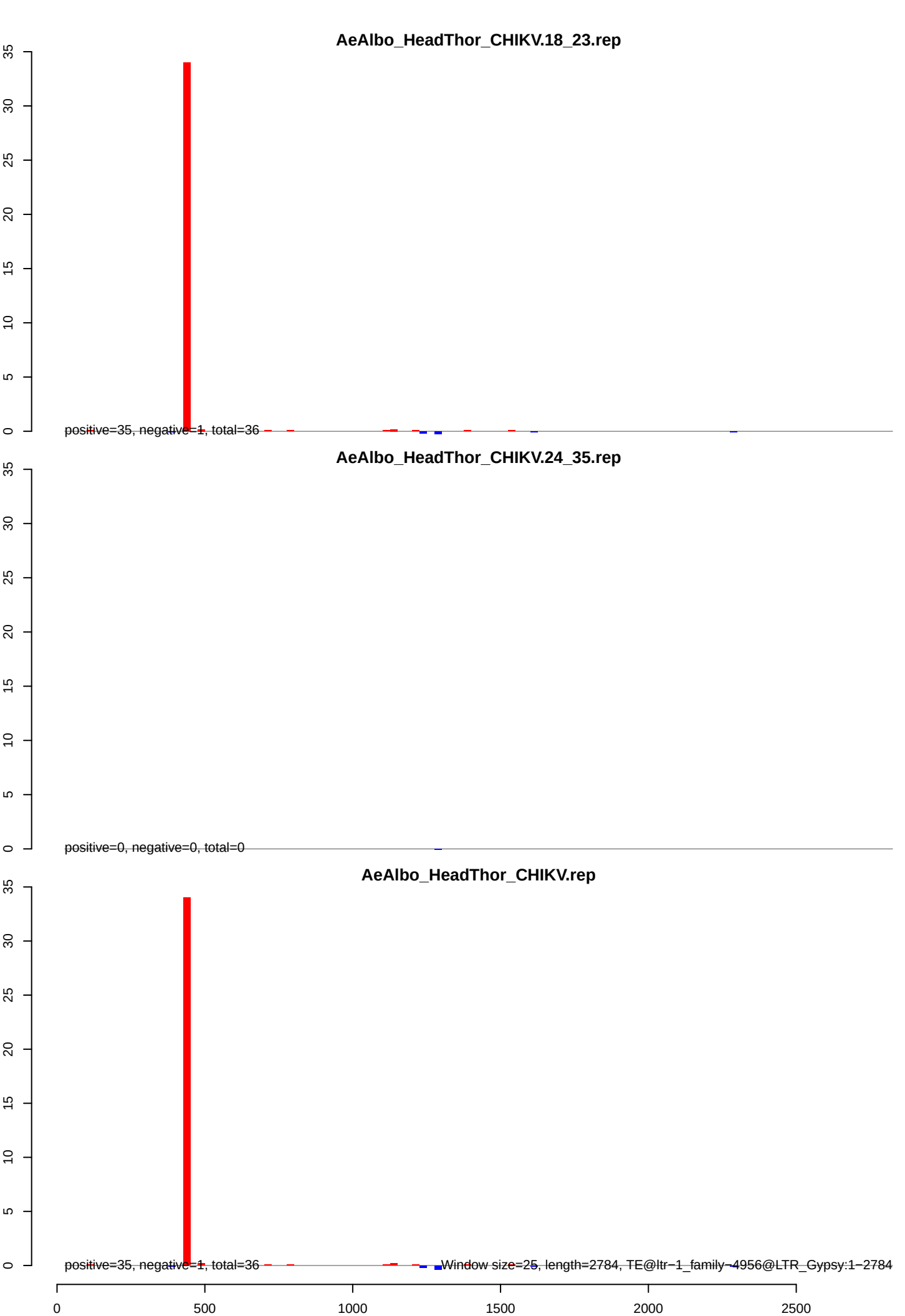

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=1, negative=30, total=31
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=1, negative=30, total=31
Window size=25, length=3858, TE@ltr−1_family−5081@DNA_MULE−MuDR:1−3858
0
1000
2000
3000
4000

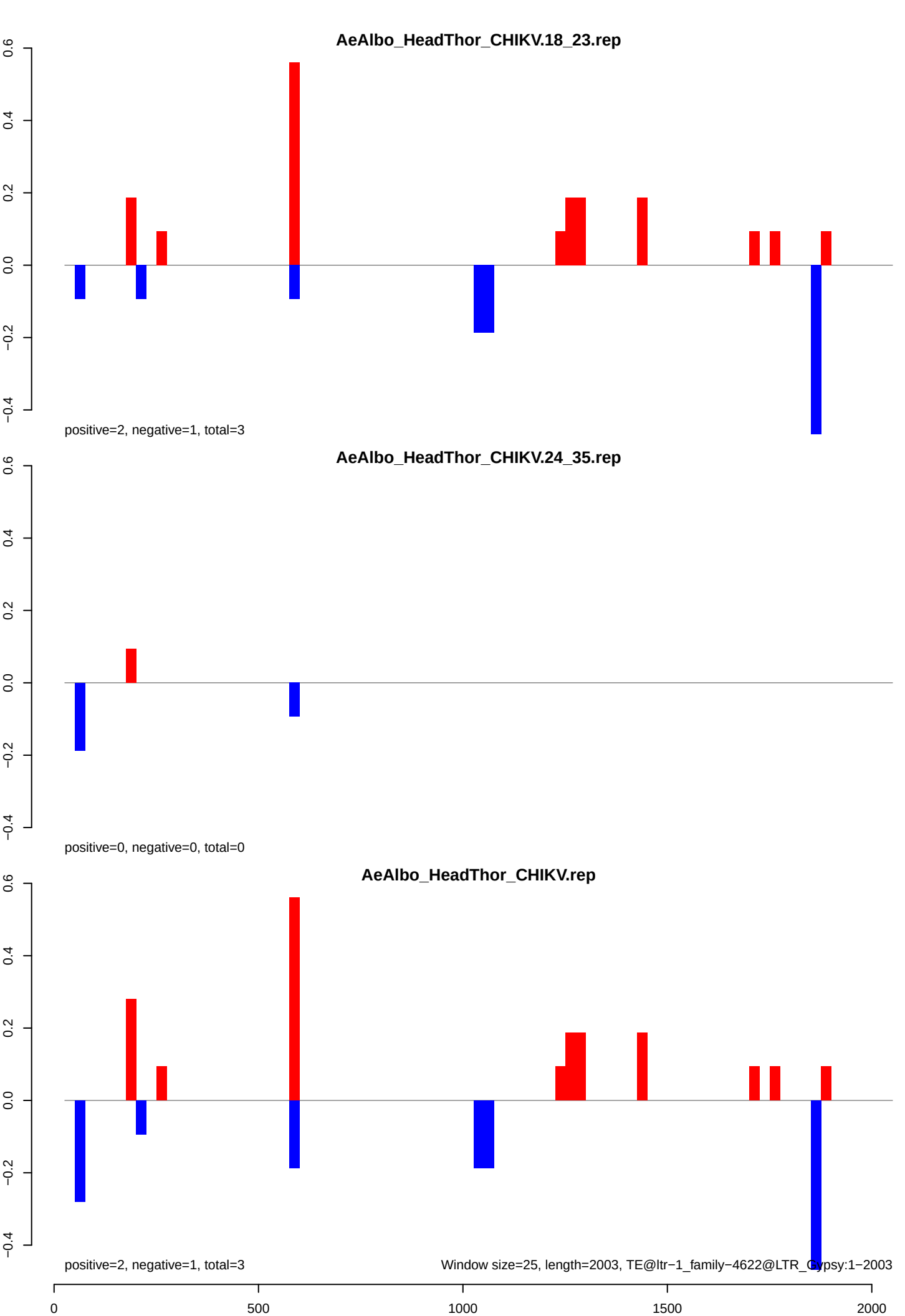
AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=4, negative=1, total=5

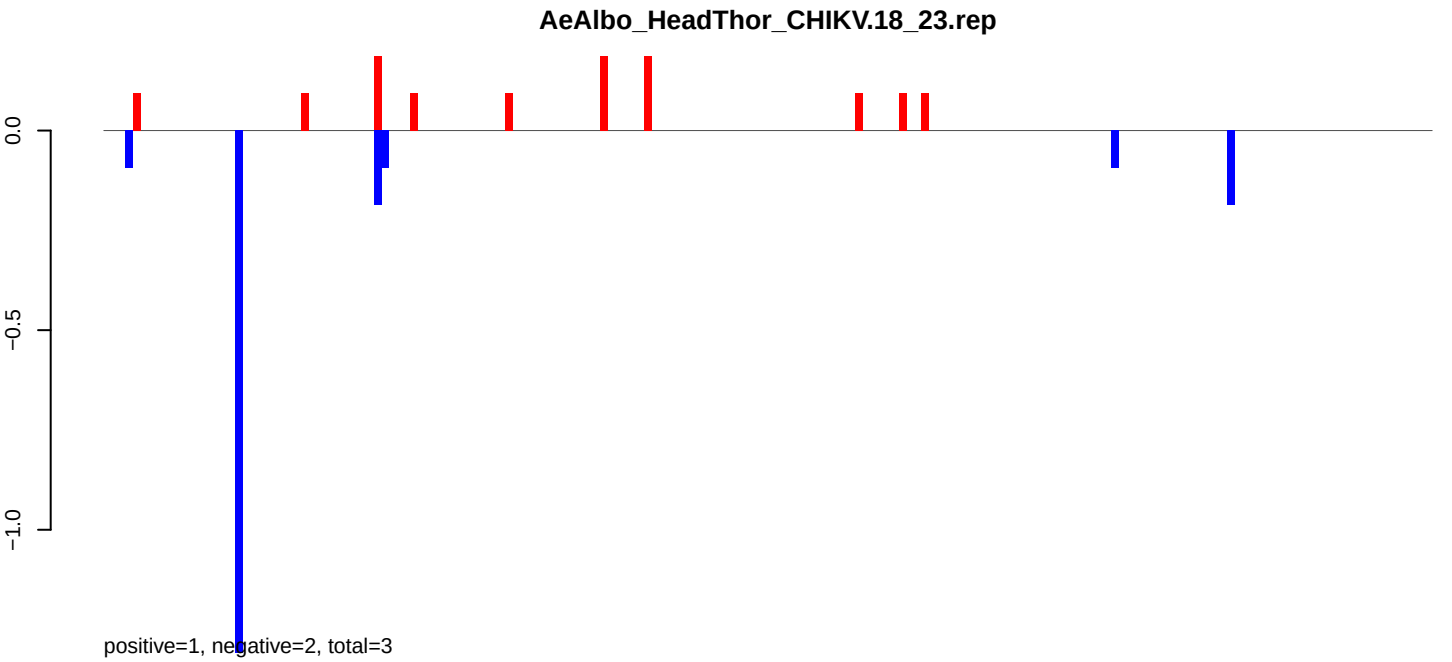

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

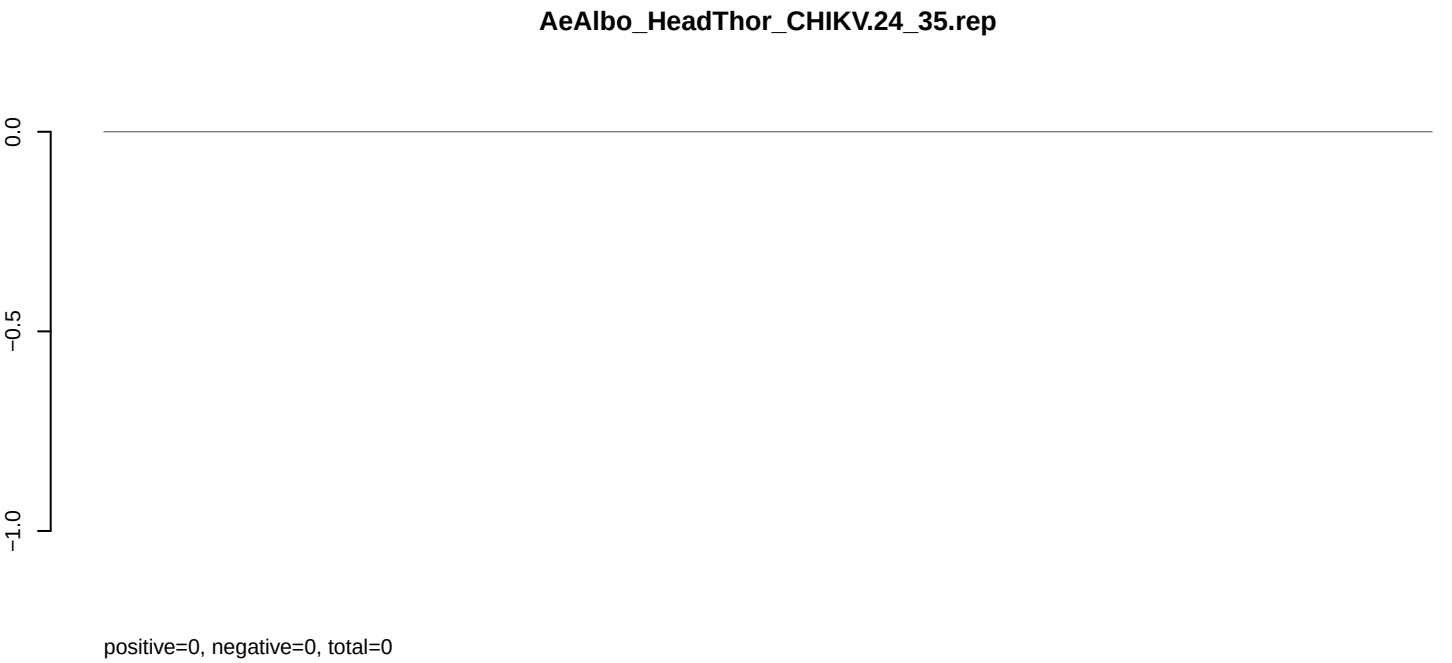

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=4, negative=1, total=5
Window size=25, length=4308, TE@ltr−1_family−5040@LTR_Copia:1−4308
0
1000
2000
3000
4000

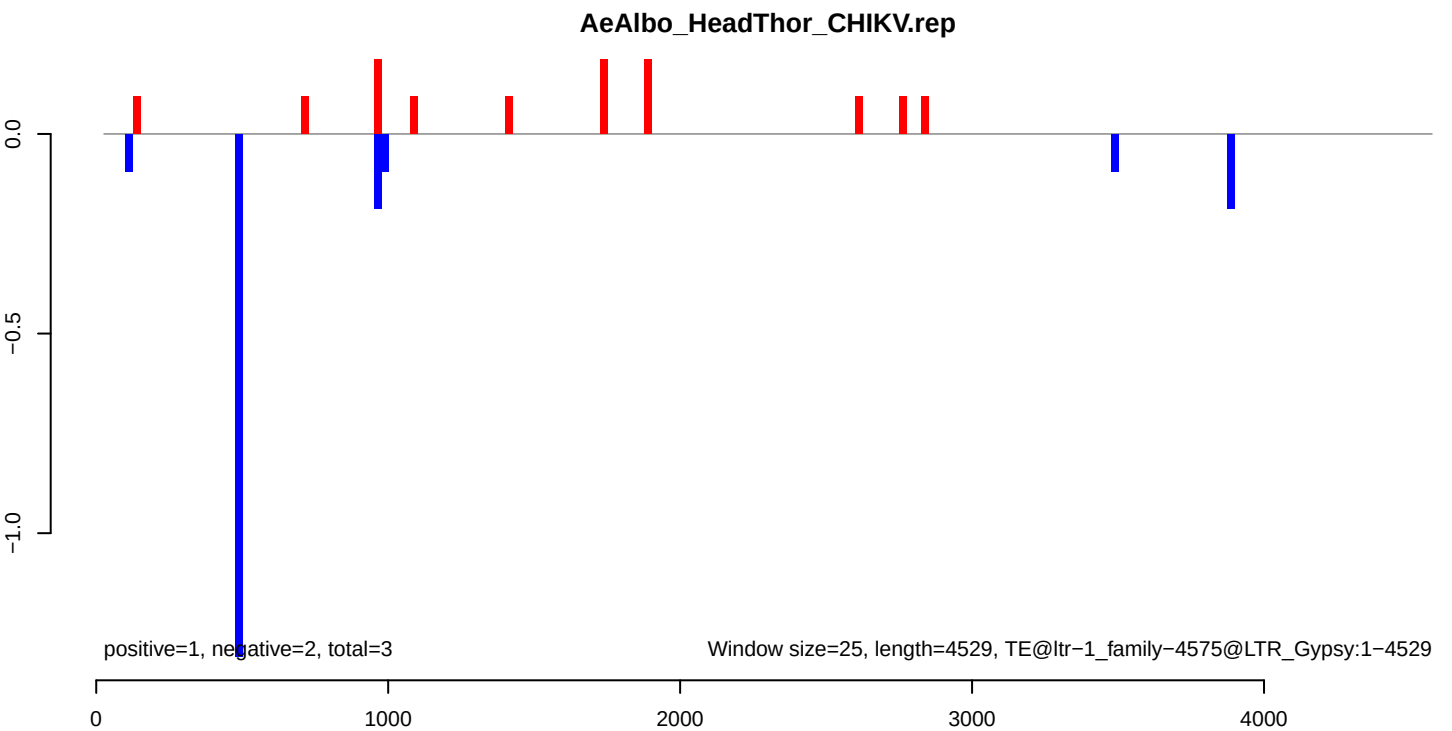

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
Window size=25, length=4427, TE@ltr−1_family−4989@LTR_Gypsy:1−4427
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=35, negative=1, total=36
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=35, negative=1, total=36
Window size=25, length=2784, TE@ltr−1_family−4956@LTR_Gypsy:1−2784
0
5
10
15
20
25
30
35
0
500
1000
1500
2000
2500

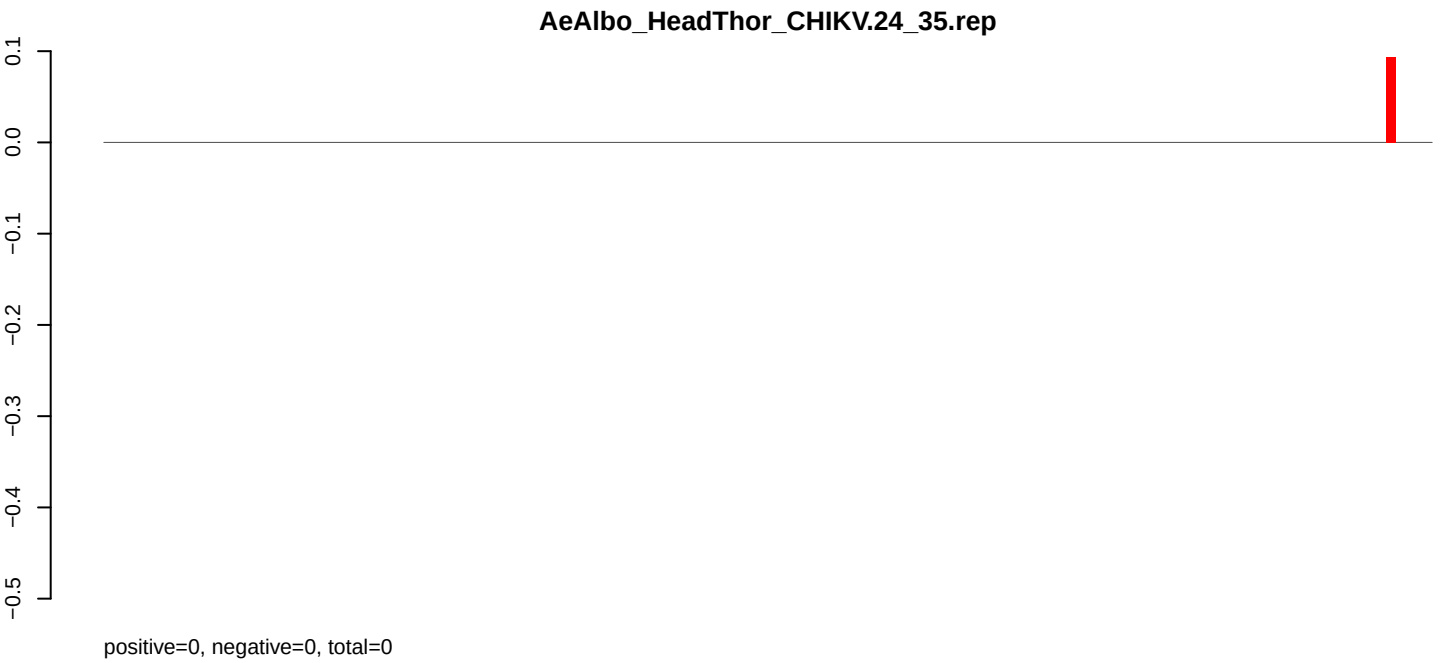

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
Window size=25, length=2003, TE@ltr−1_family−4622@LTR_Gypsy:1−2003
0
500
1000
1500
2000

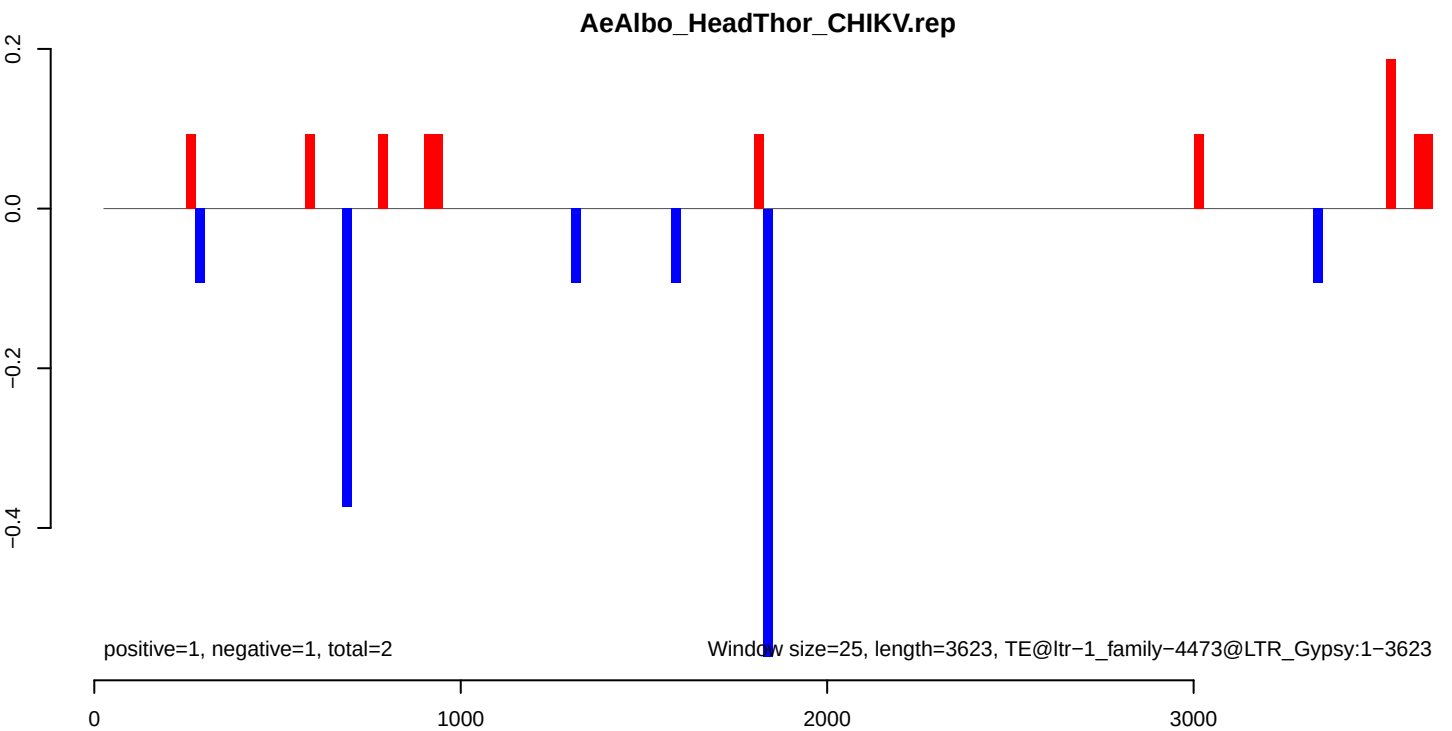

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=1, negative=2, total=3

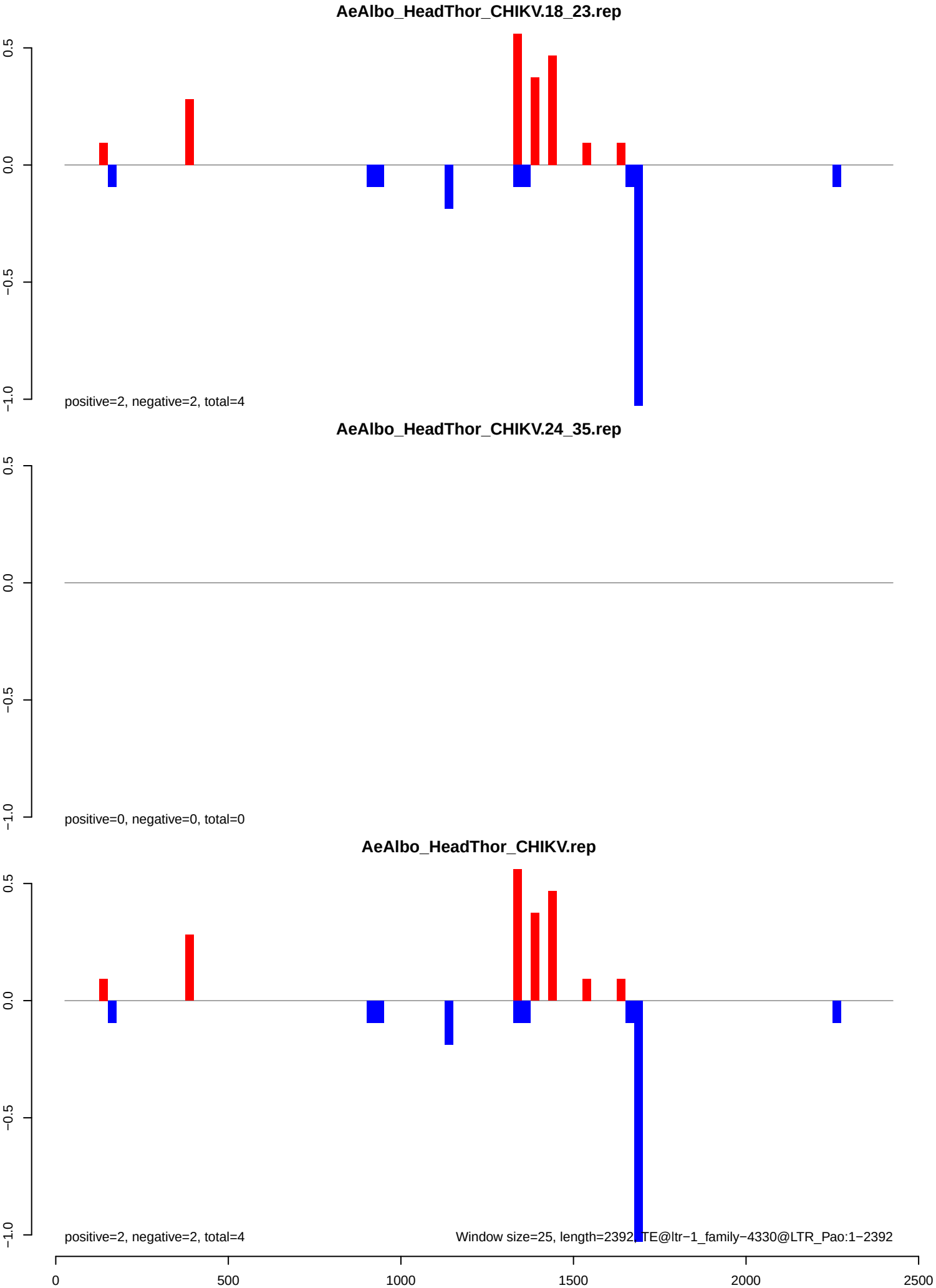

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0

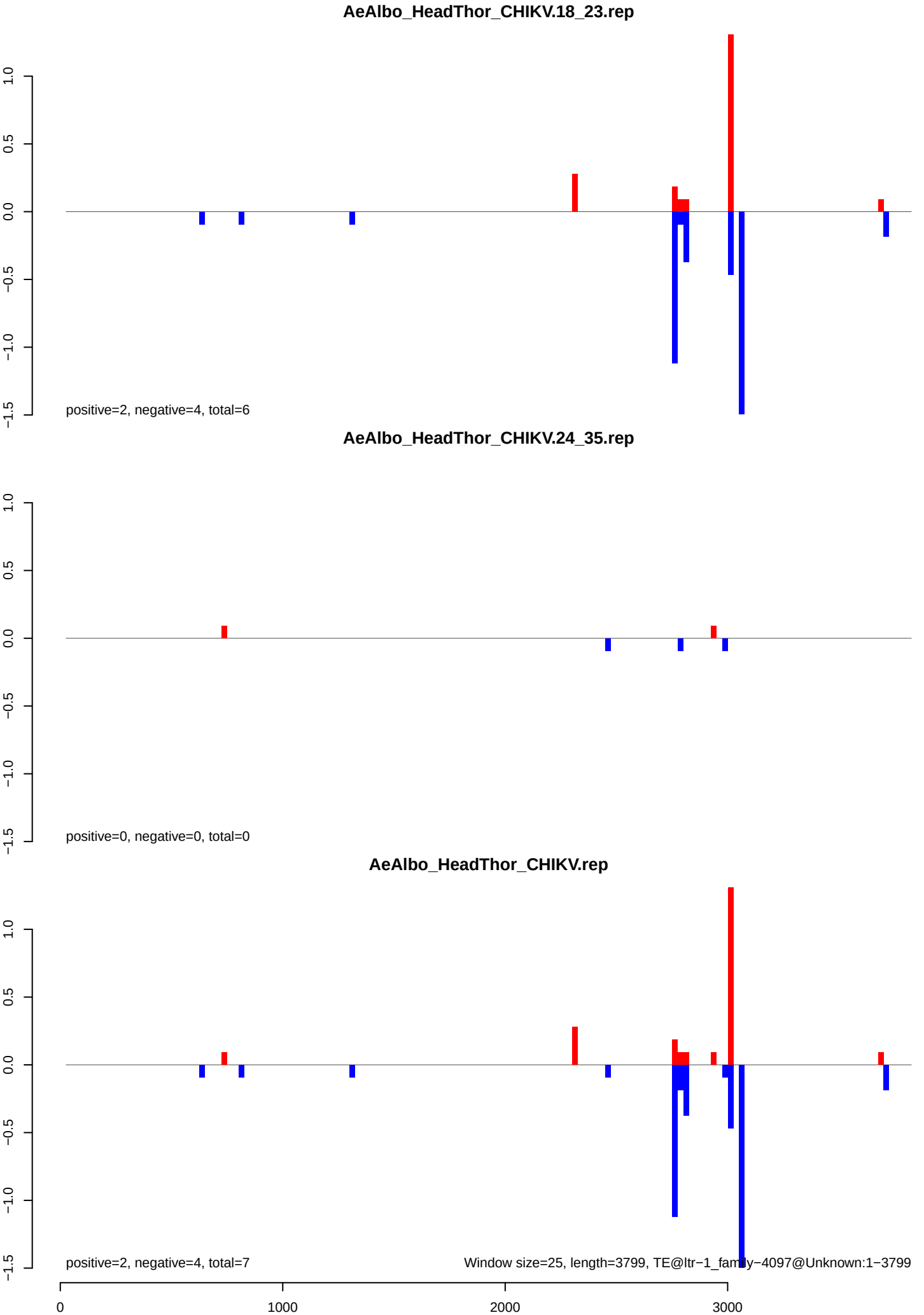

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=1, negative=2, total=3
Window size=25, length=4529, TE@ltr−1_family−4575@LTR_Gypsy:1−4529
0
1000
2000
3000
4000

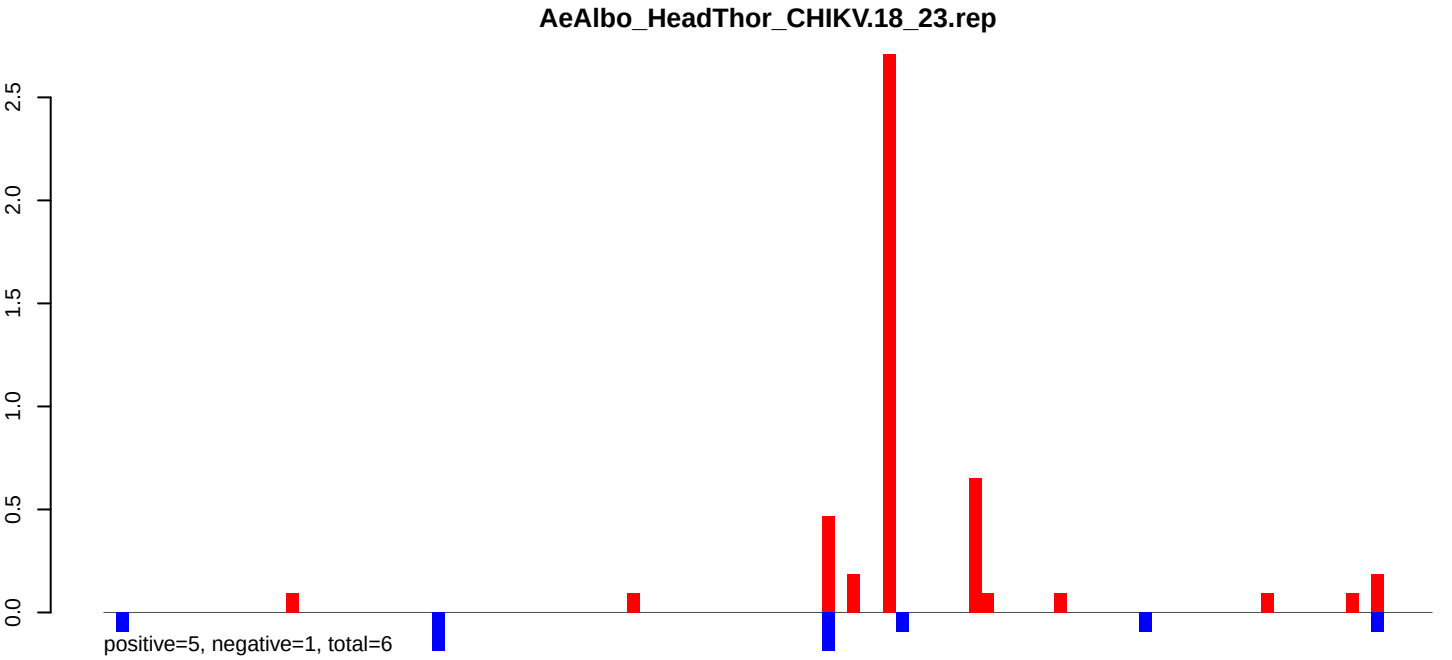
AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=1, negative=1, total=2

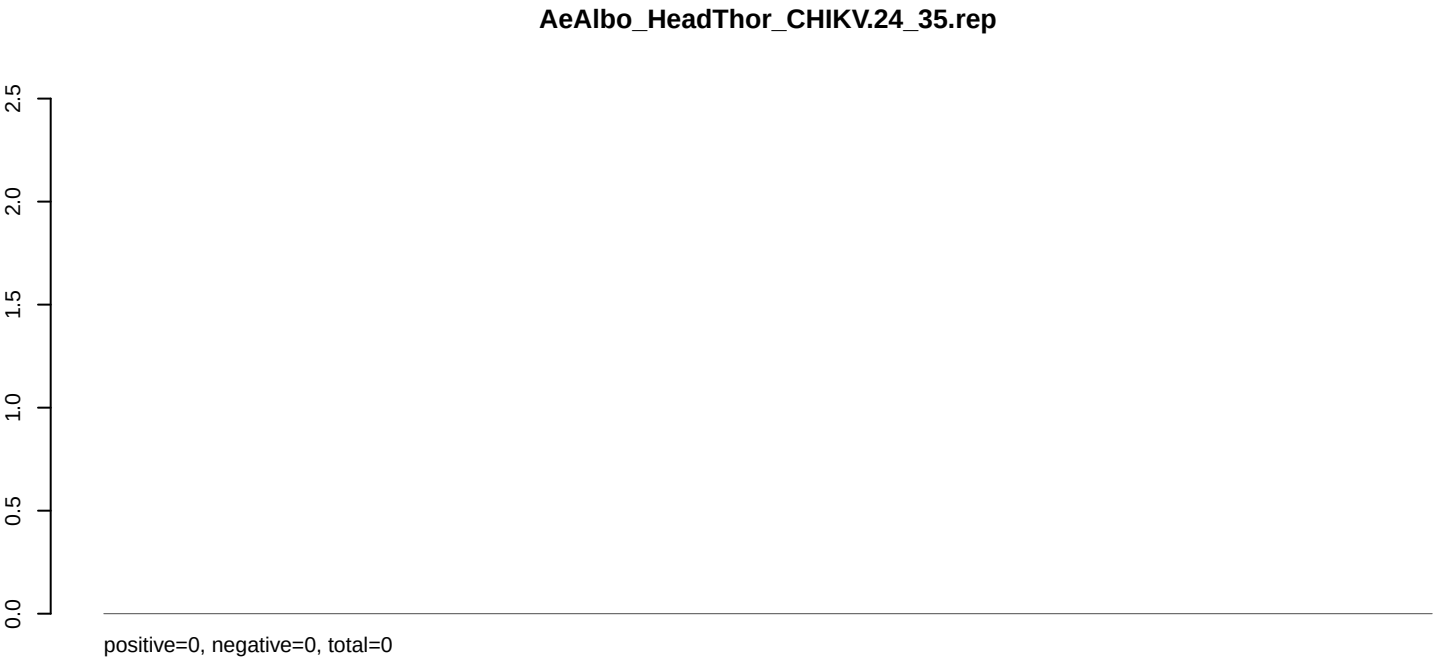

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0

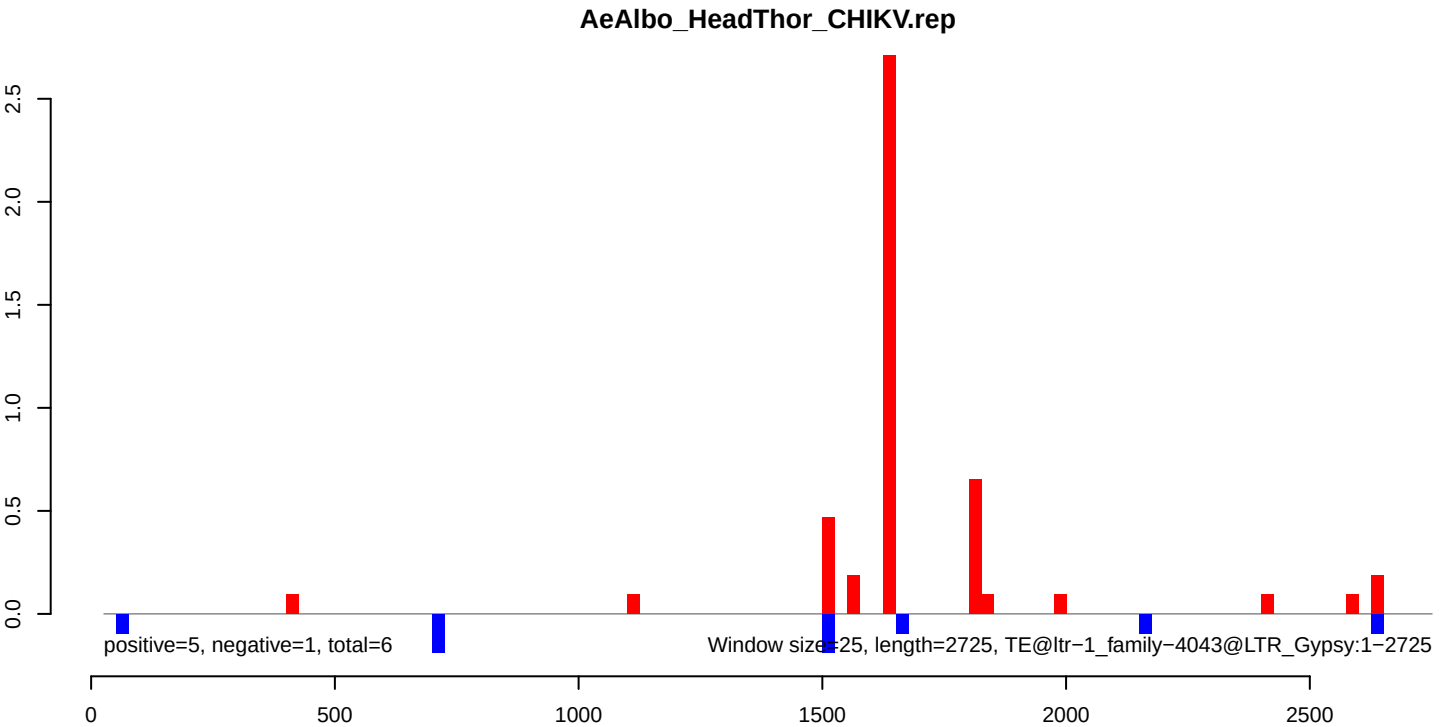

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=3623, TE@ltr−1_family−4473@LTR_Gypsy:1−3623
0
1000
2000
3000

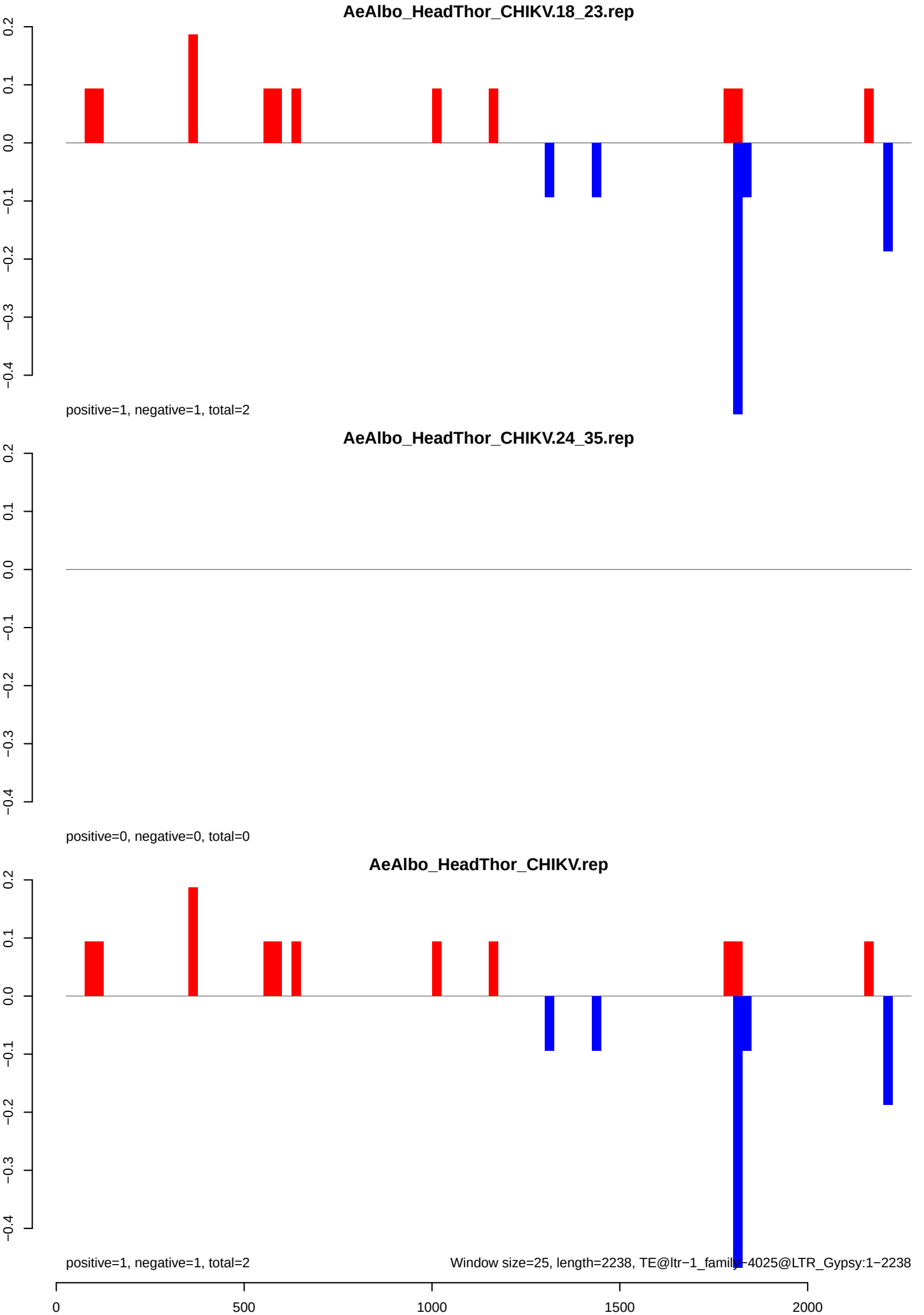

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4
Window size=25, length=2392, TE@ltr−1_family−4330@LTR_Pao:1−2392
0
500
1000
1500
2000
2500

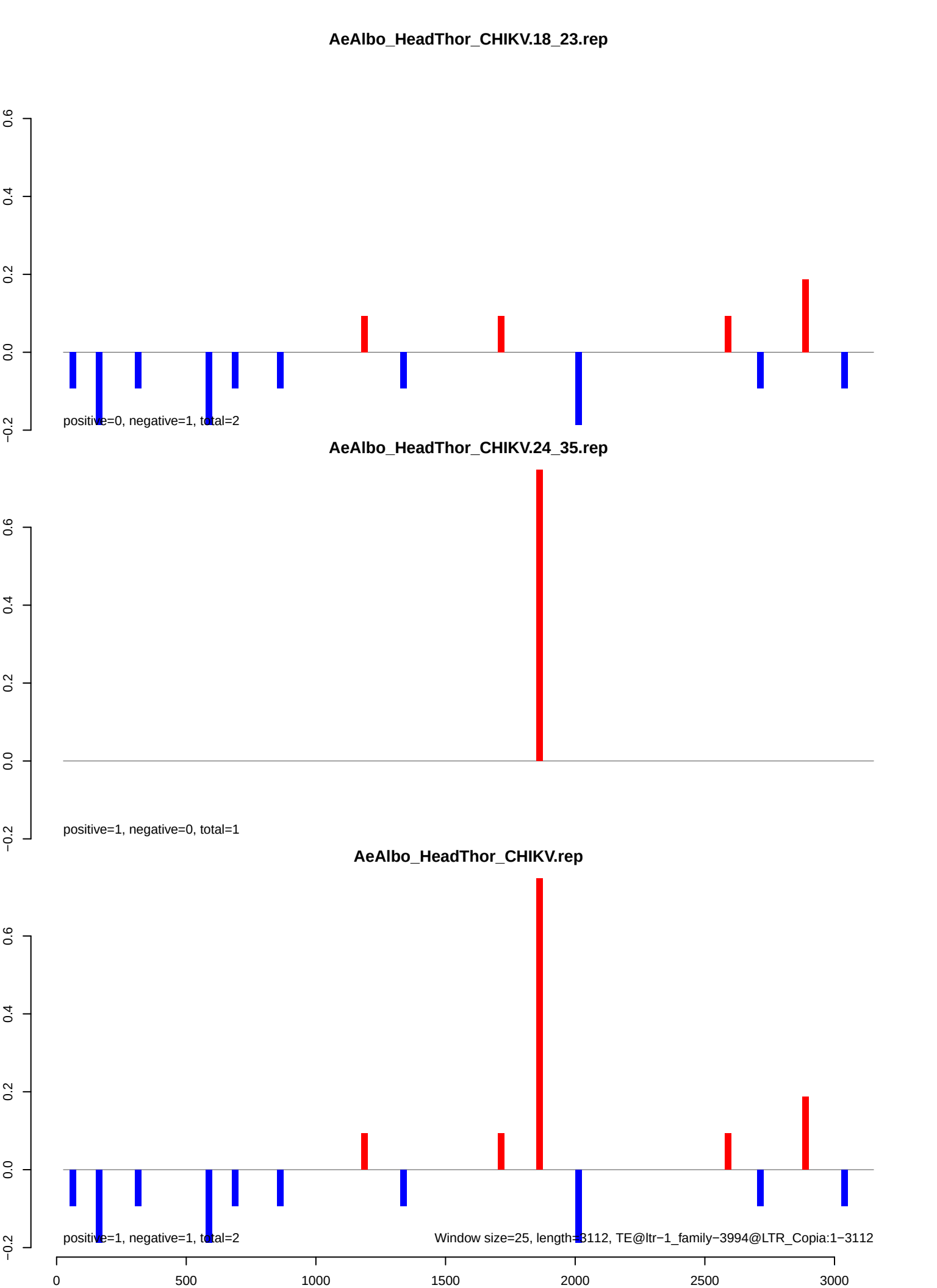

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=4, total=7
Window size=25, length=3799, TE@ltr−1_family−4097@Unknown:1−3799
0
1000
2000
3000

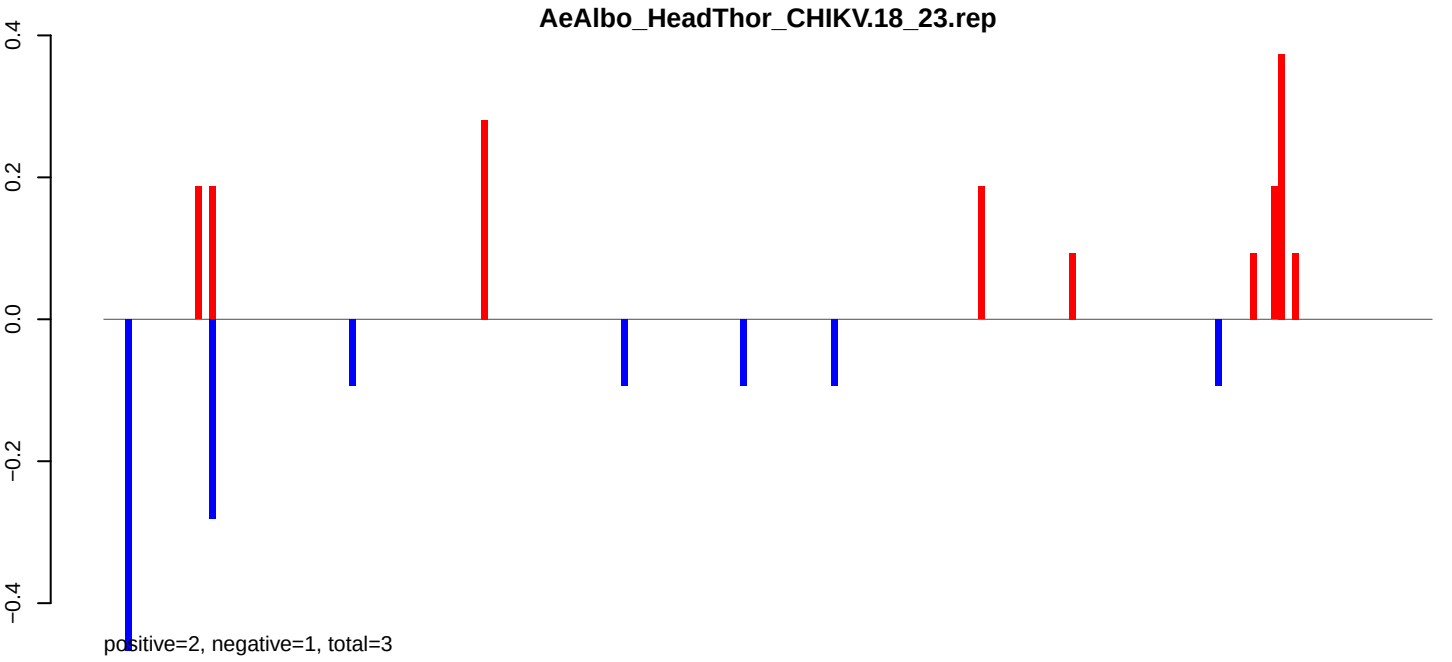

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=5, negative=1, total=6


AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0

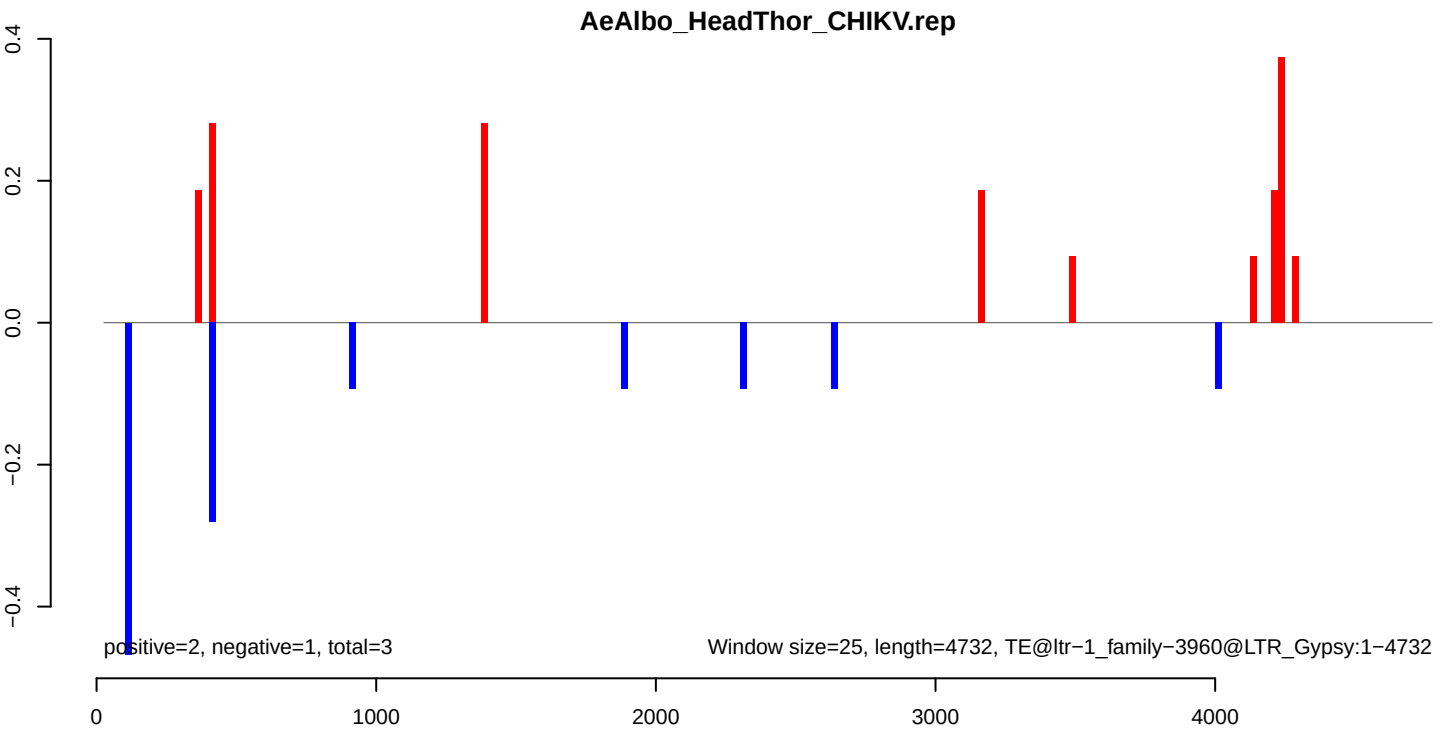

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=5, negative=1, total=6
Window size=25, length=2725, TE@ltr−1_family−4043@LTR_Gypsy:1−2725
0
500
1000
1500
2000
2500

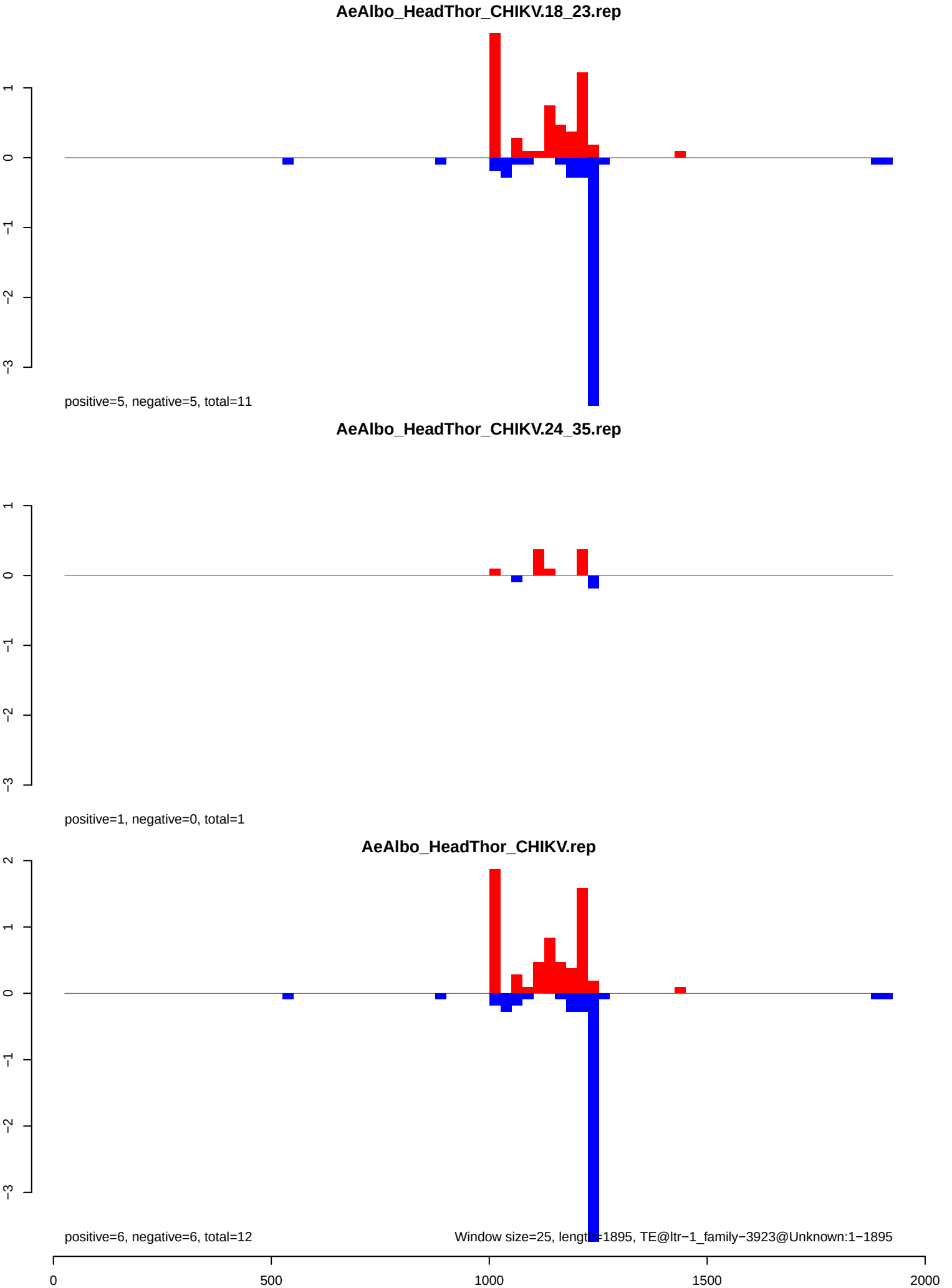

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2238, TE@ltr−1_family−4025@LTR_Gypsy:1−2238
0
500
1000
1500
2000

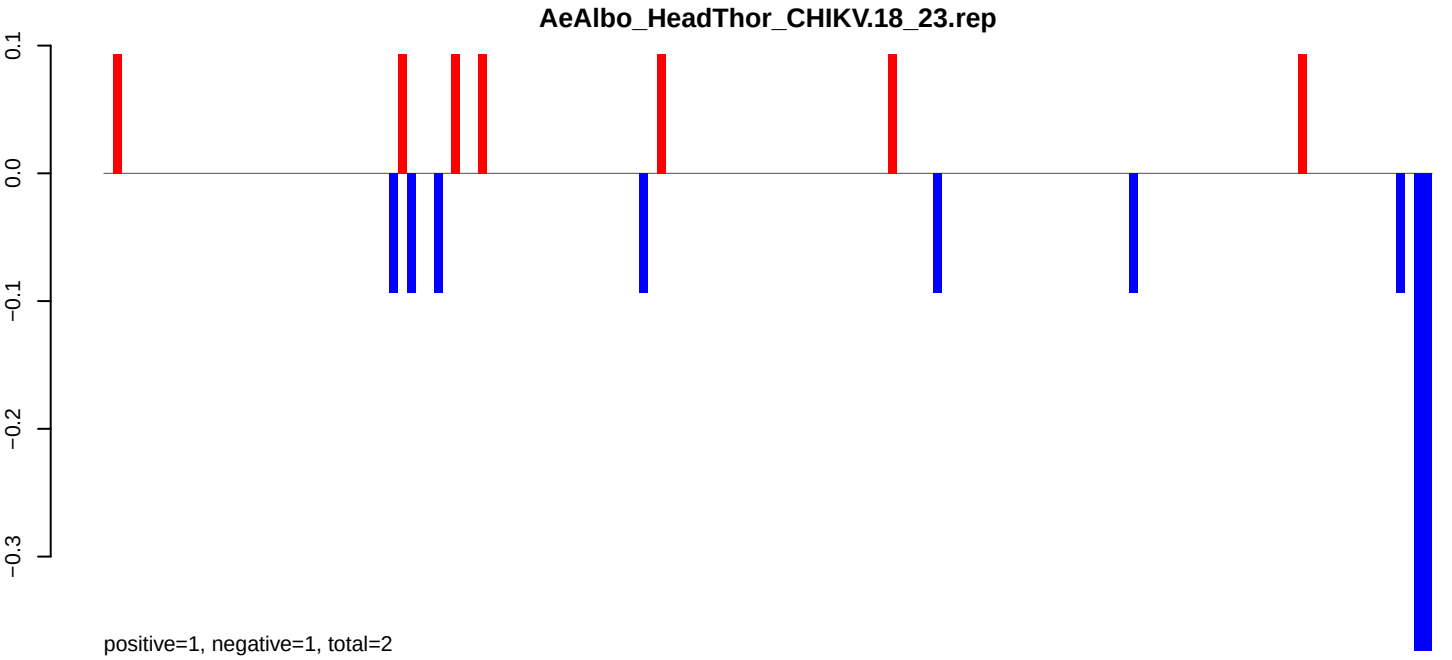

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
Window size=25, length=3112, TE@ltr−1_family−3994@LTR_Copia:1−3112
0
500
1000
1500
2000
2500
3000

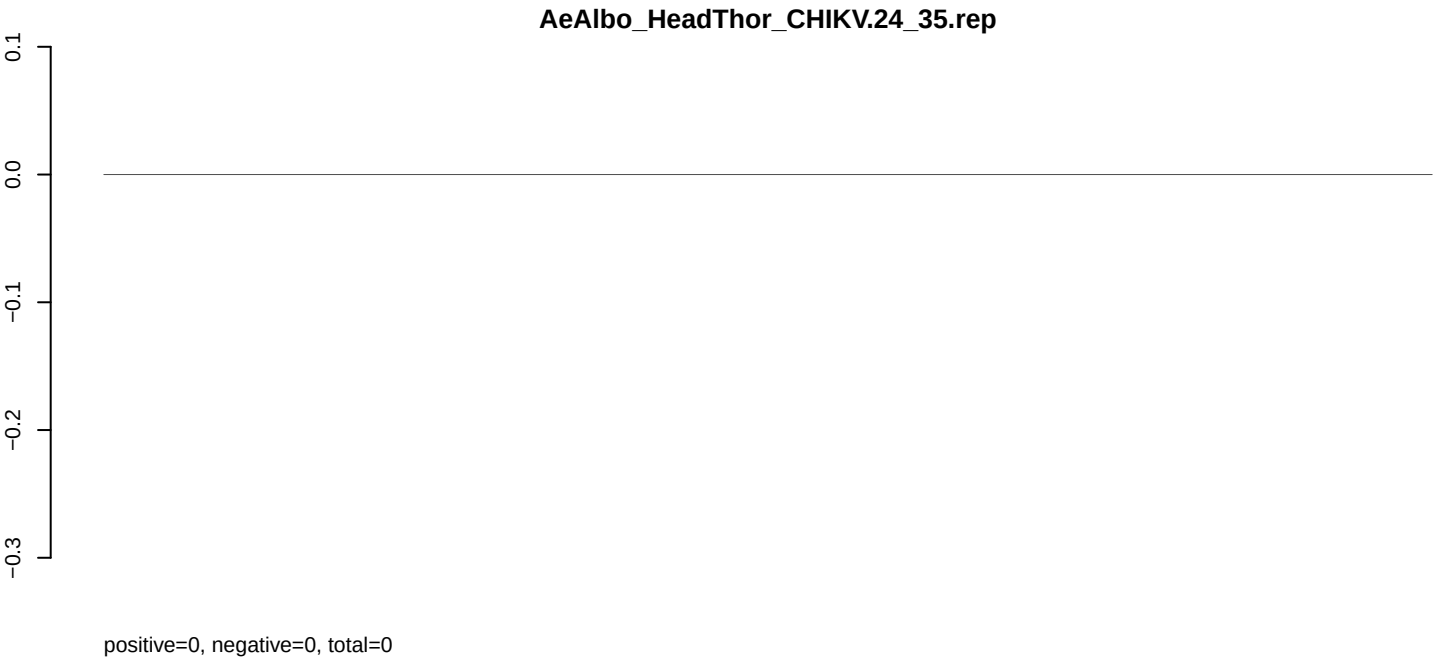

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3

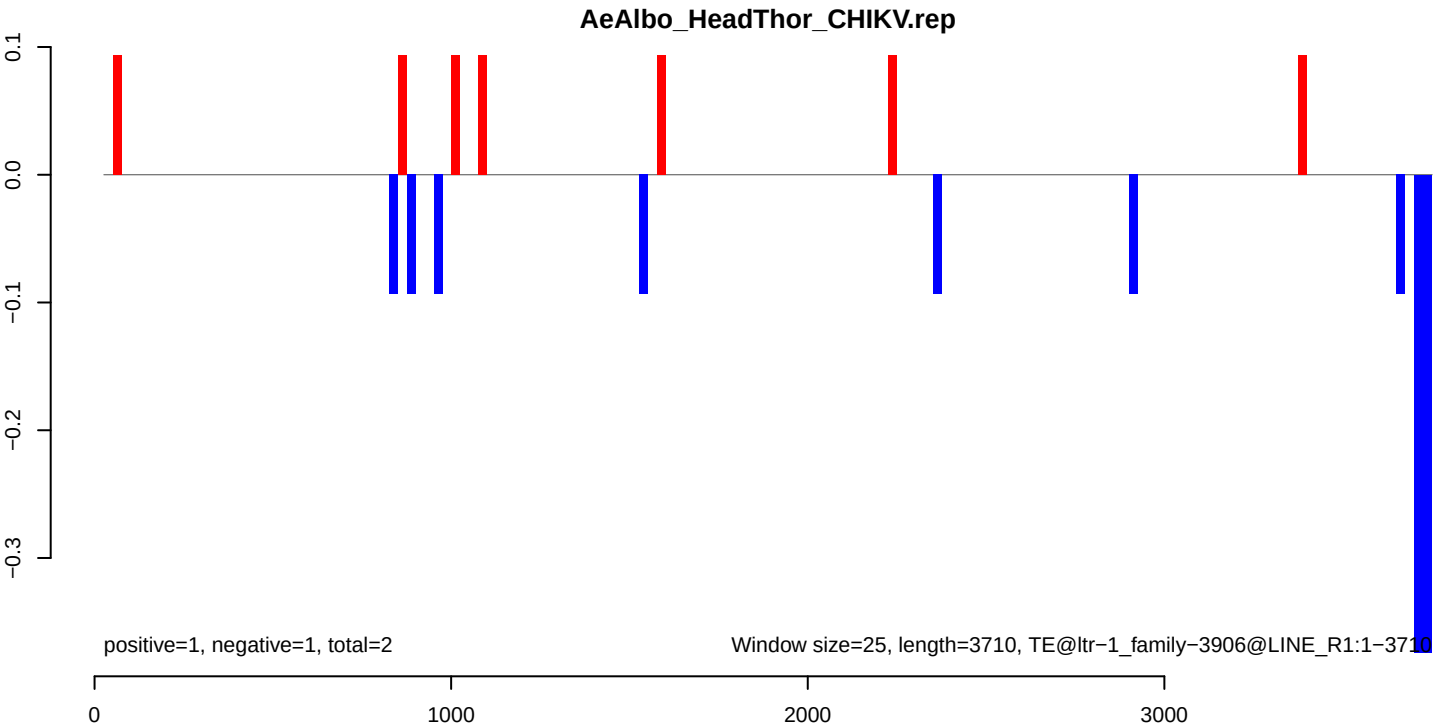
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

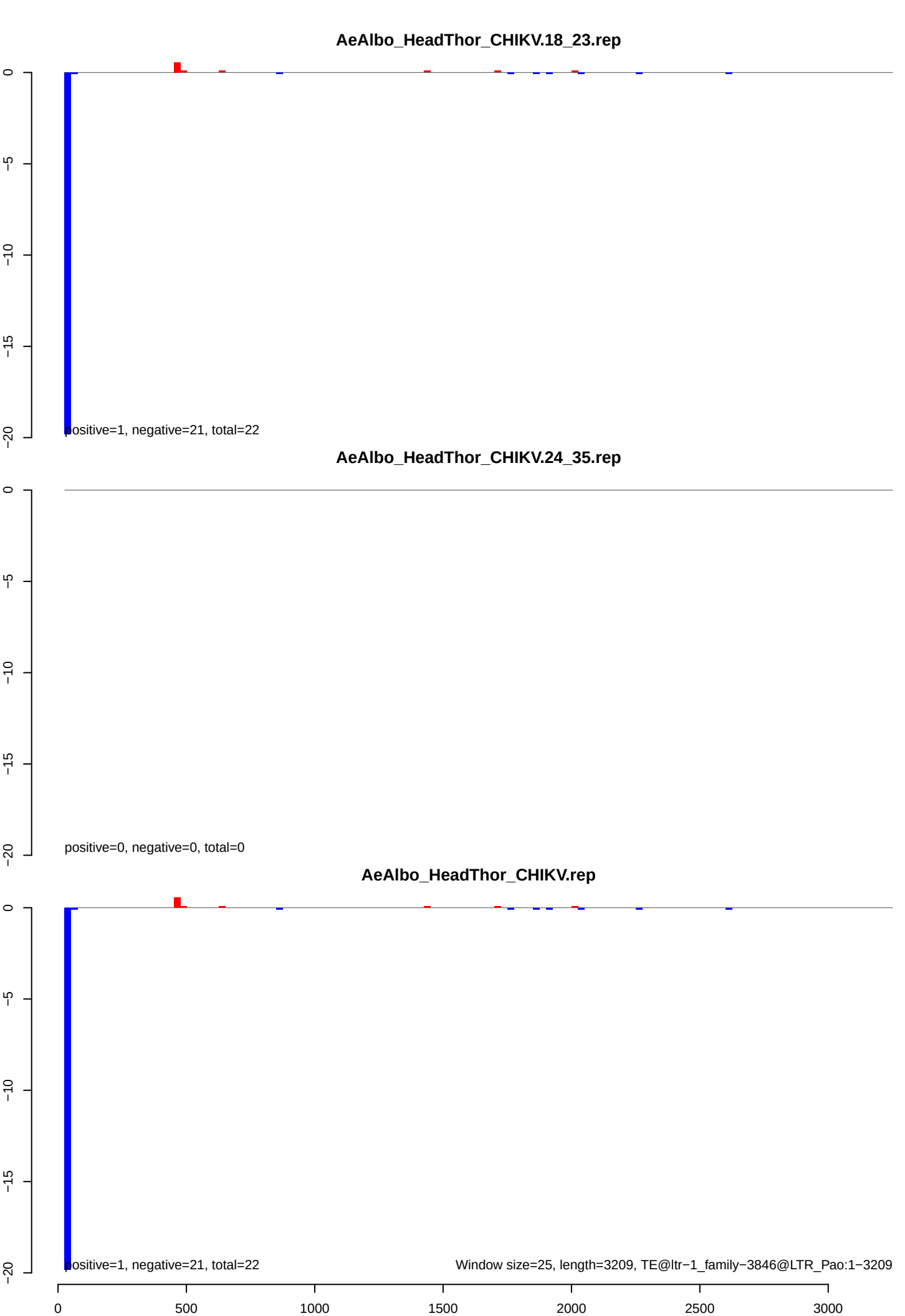

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
Window size=25, length=4732, TE@ltr−1_family−3960@LTR_Gypsy:1−4732
0
1000
2000
3000
4000

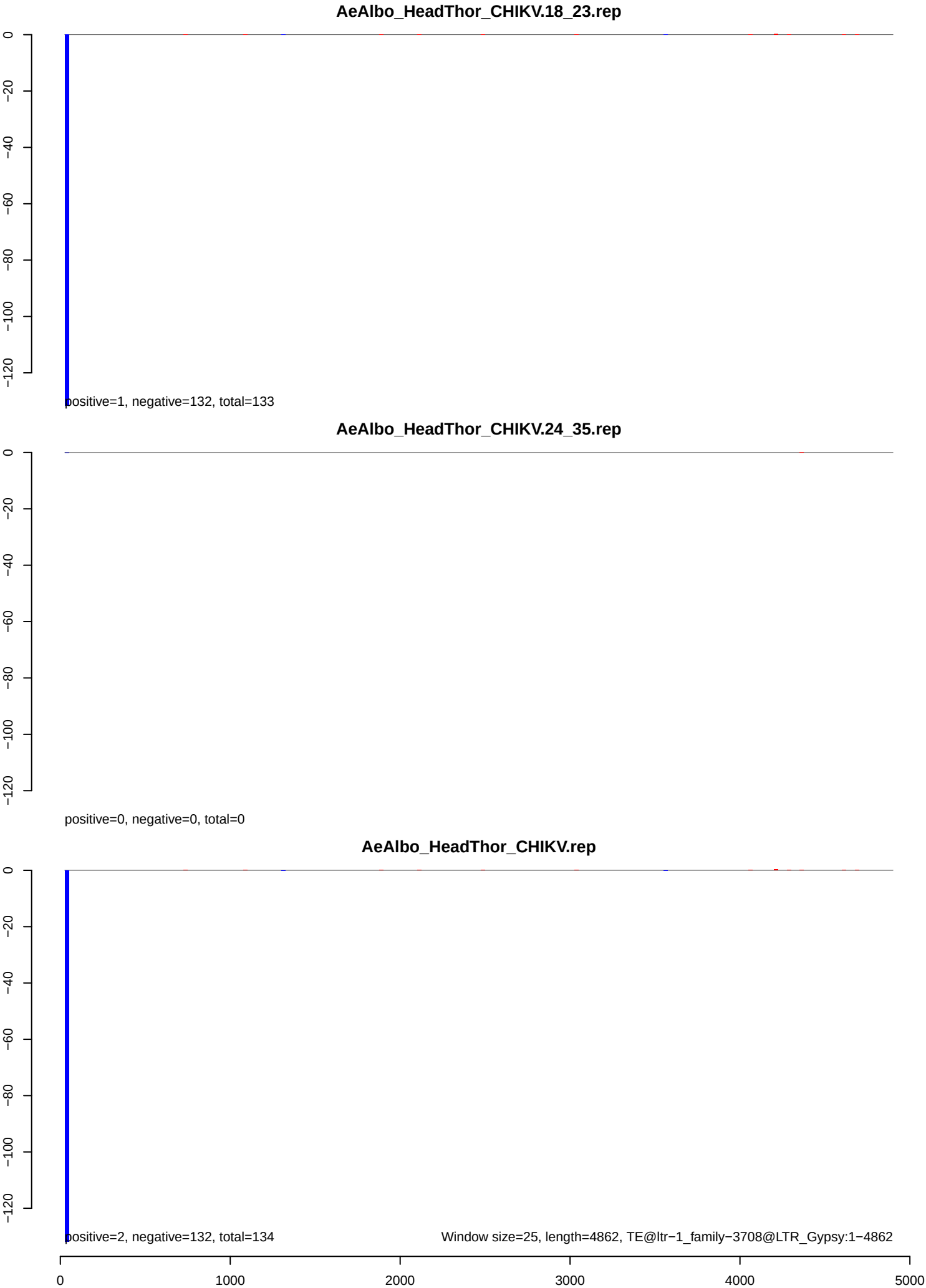

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=5, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=6, total=12
Window size=25, length=1895, TE@ltr−1_family−3923@Unknown:1−1895
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2

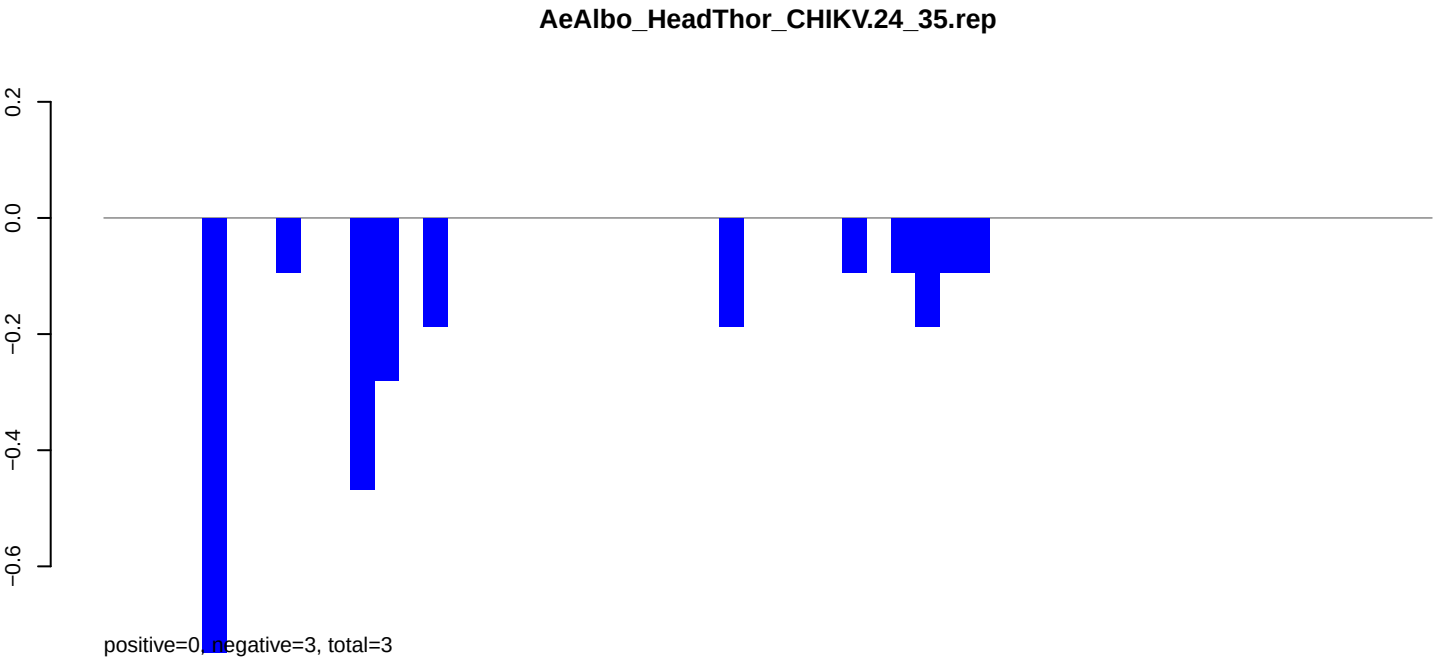

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

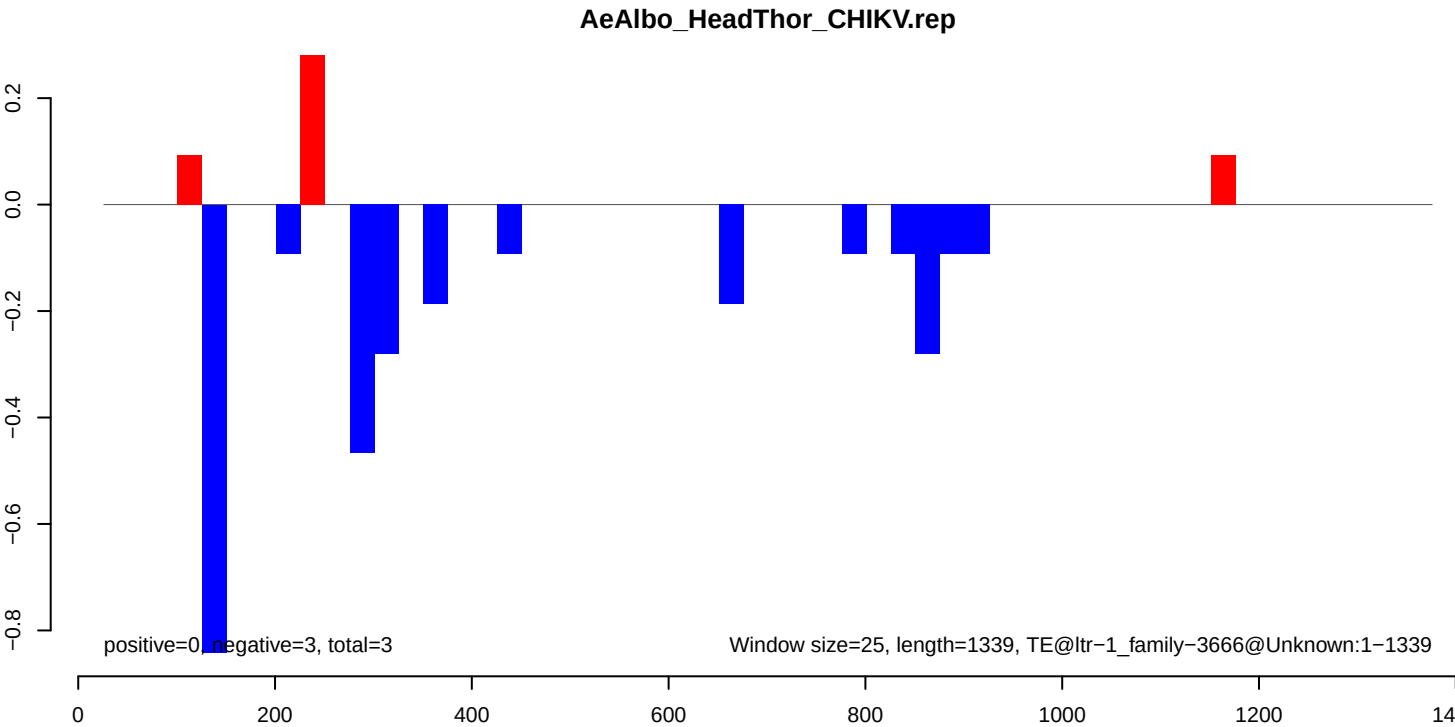

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2
Window size=25, length=3710, TE@ltr−1_family−3906@LINE_R1:1−3710
0
1000
2000
3000

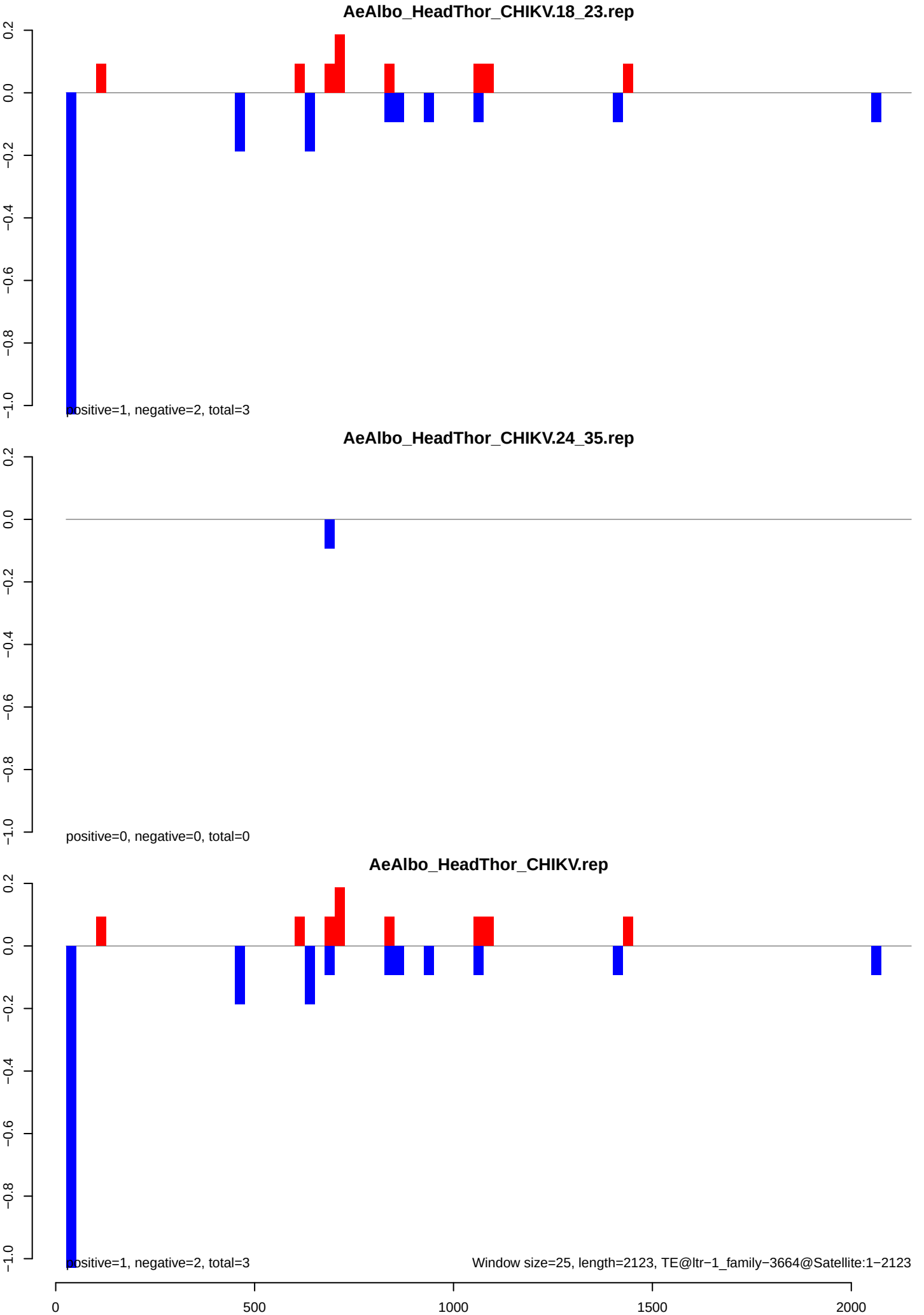

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=21, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=21, total=22
Window size=25, length=3209, TE@ltr−1_family−3846@LTR_Pao:1−3209
0
500
1000
1500
2000
2500
3000

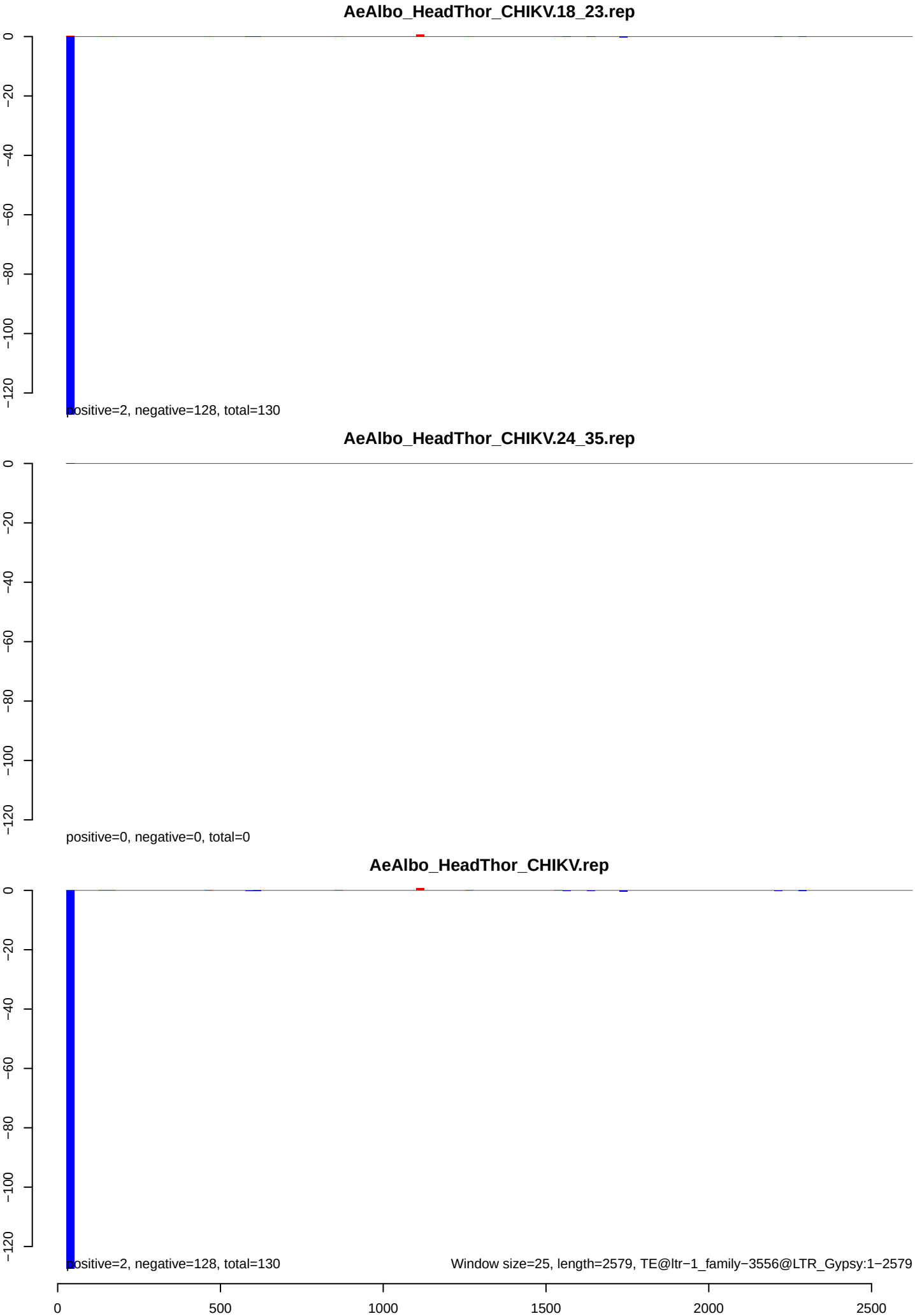

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
−120
positive=1, negative=132, total=133
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
−120
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
−120
positive=2, negative=132, total=134
Window size=25, length=4862, TE@ltr−1_family−3708@LTR_Gypsy:1−4862
0
1000
2000
3000
4000
5000

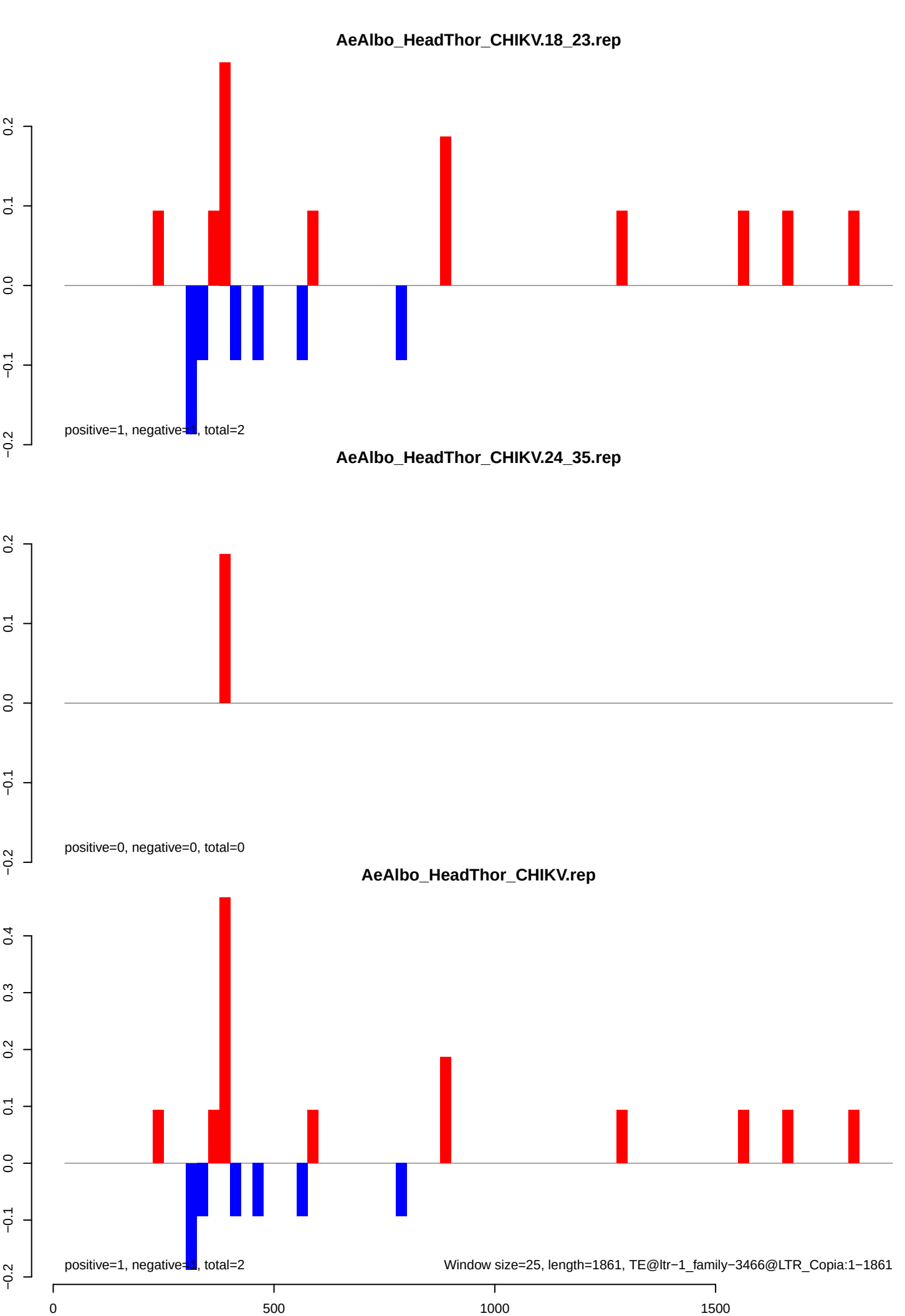
AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=1

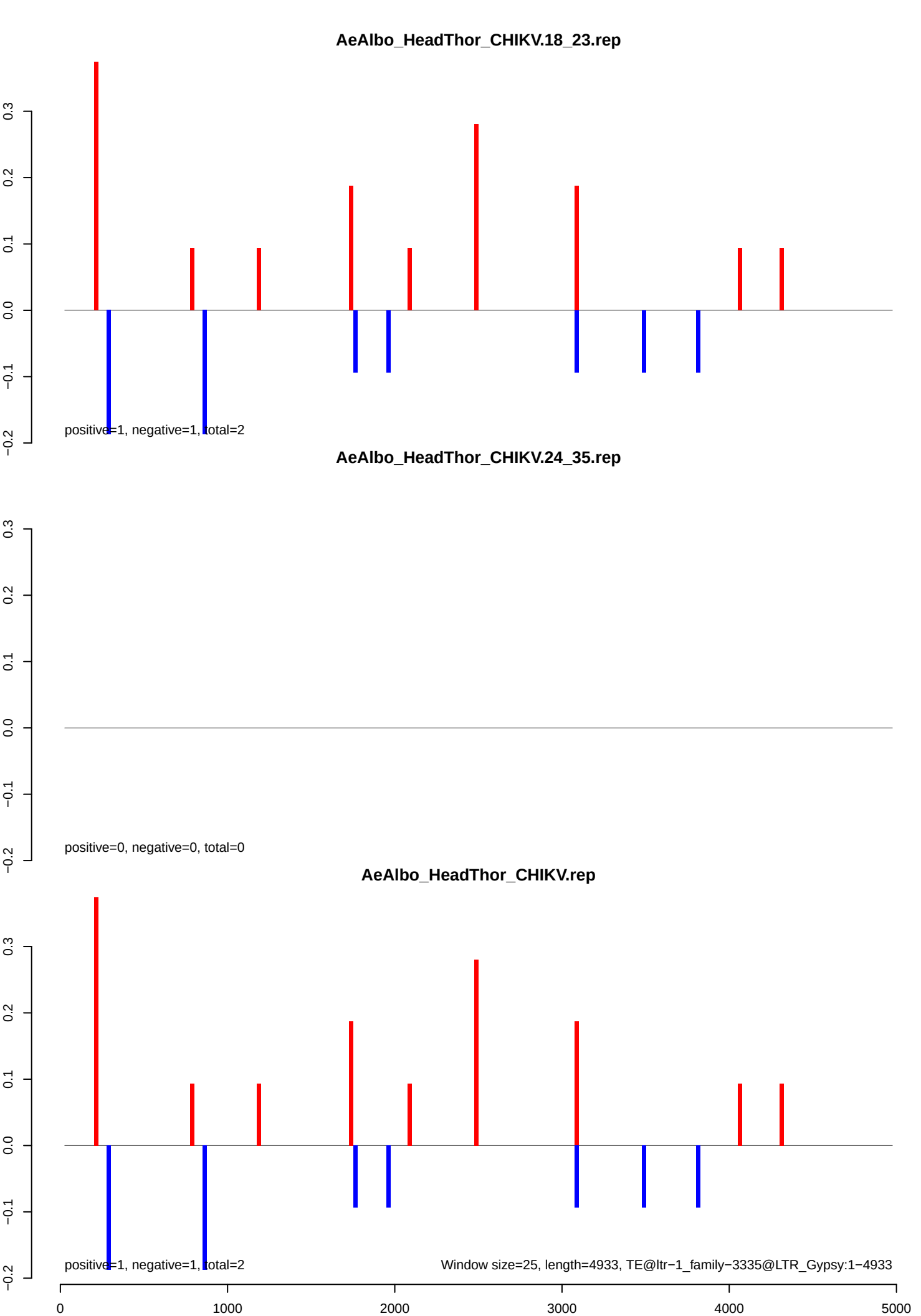

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=3, total=3

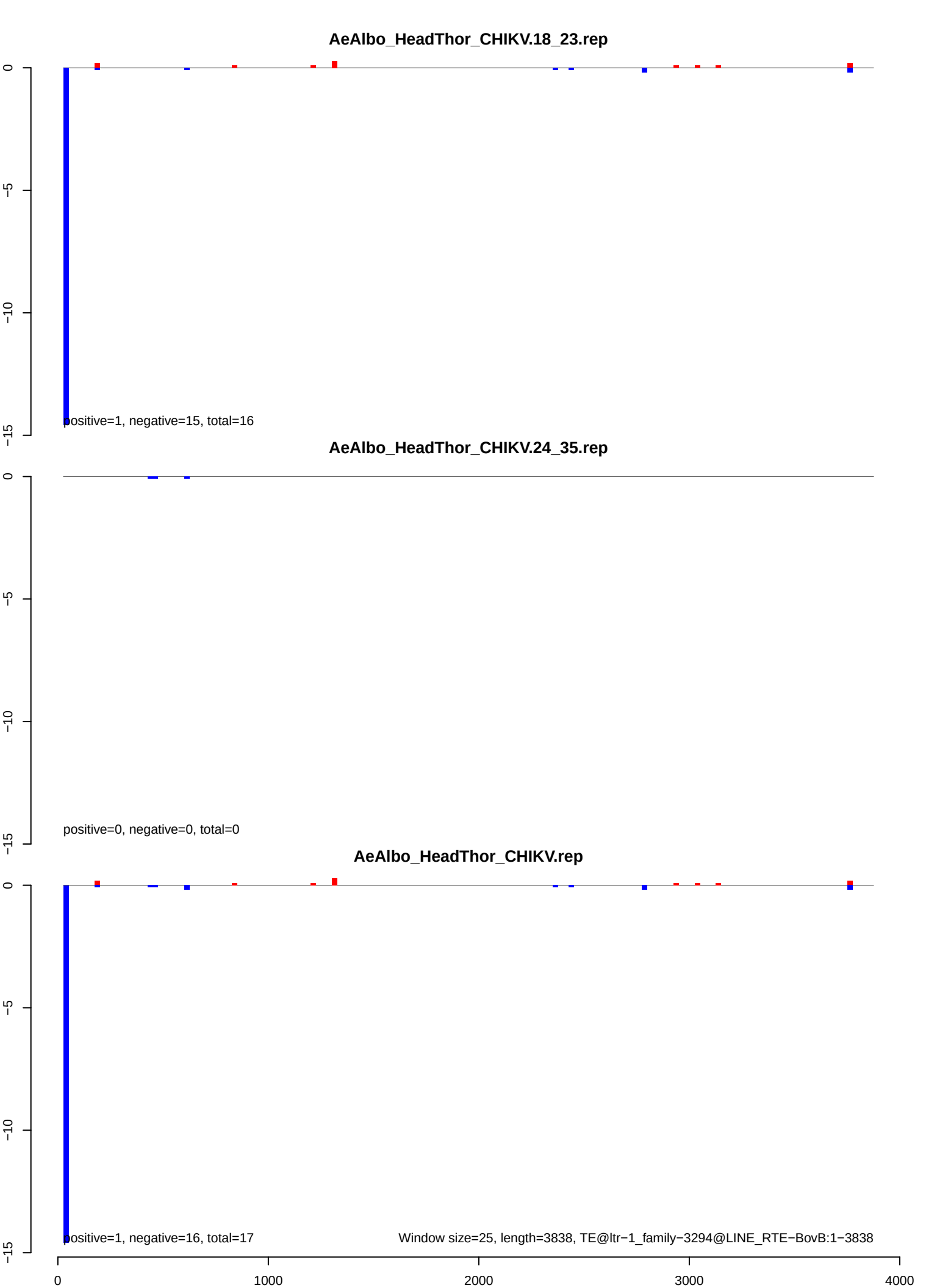

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=3, total=3
Window size=25, length=1339, TE@ltr−1_family−3666@Unknown:1−1339
0
200
400
600
800
1000
1200
1400

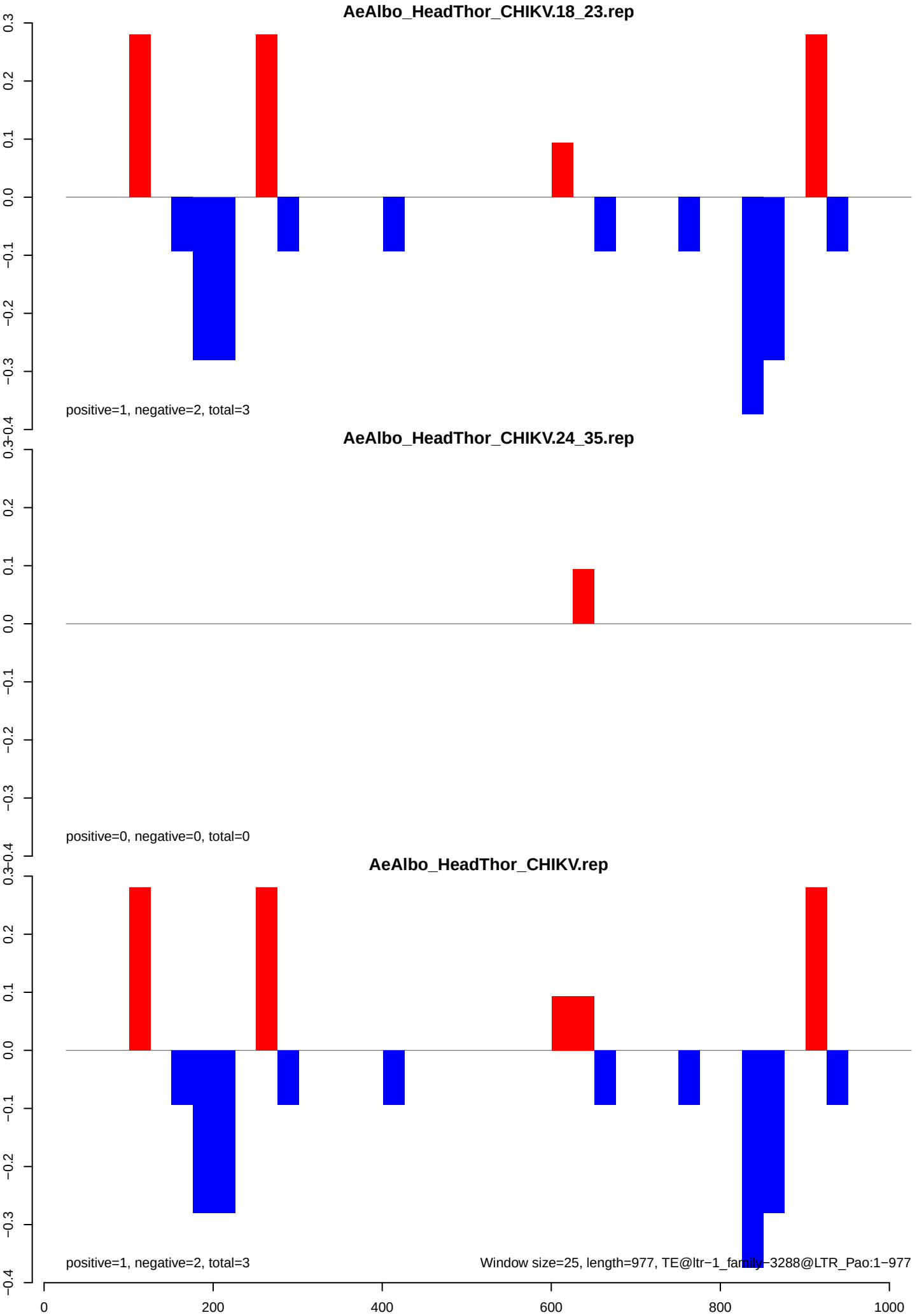

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=2123, TE@ltr−1_family−3664@Satellite:1−2123
0
500
1000
1500
2000

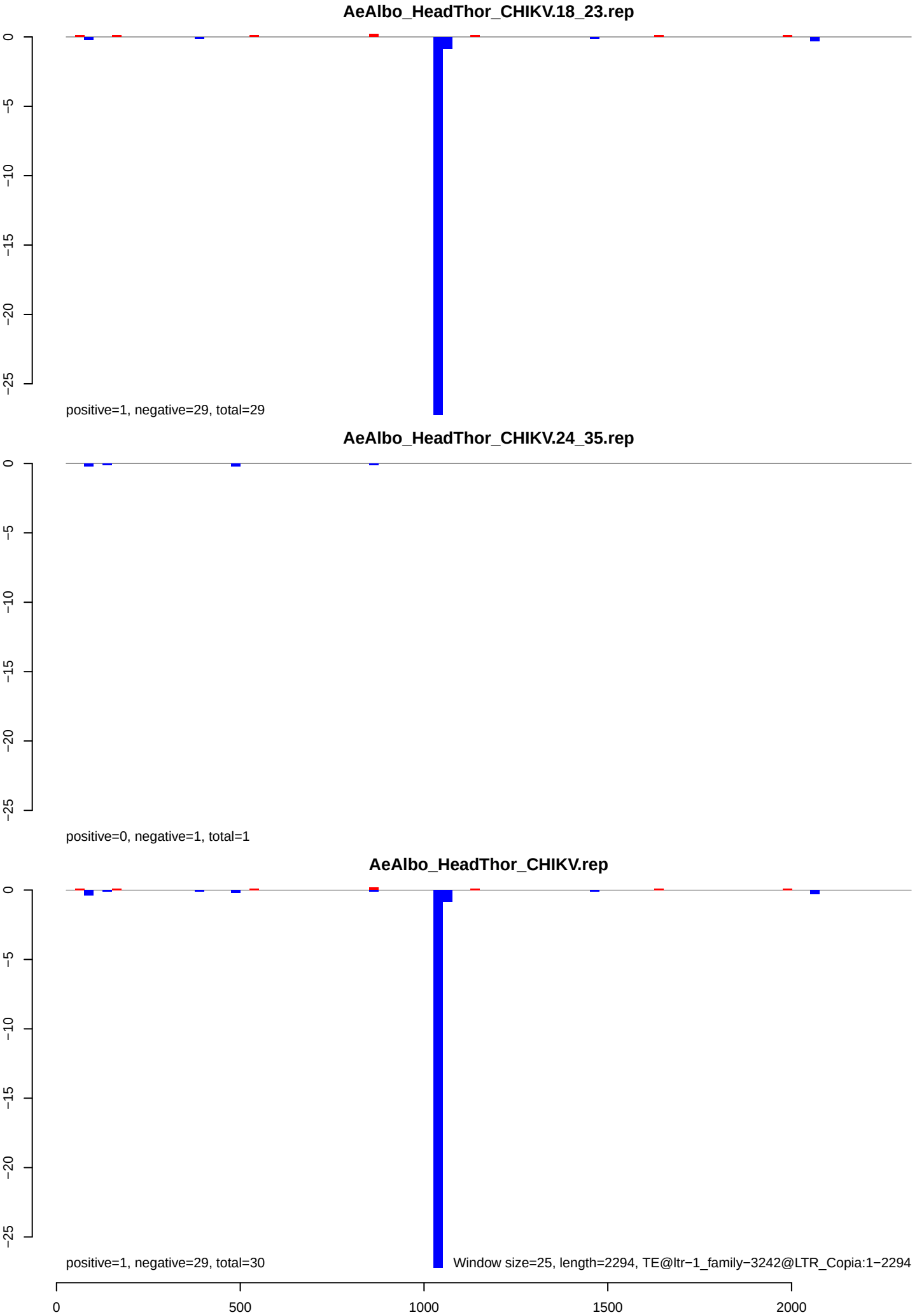

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
−120
positive=2, negative=128, total=130
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
−120
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
−120
positive=2, negative=128, total=130
Window size=25, length=2579, TE@ltr−1_family−3556@LTR_Gypsy:1−2579
0
500
1000
1500
2000
2500

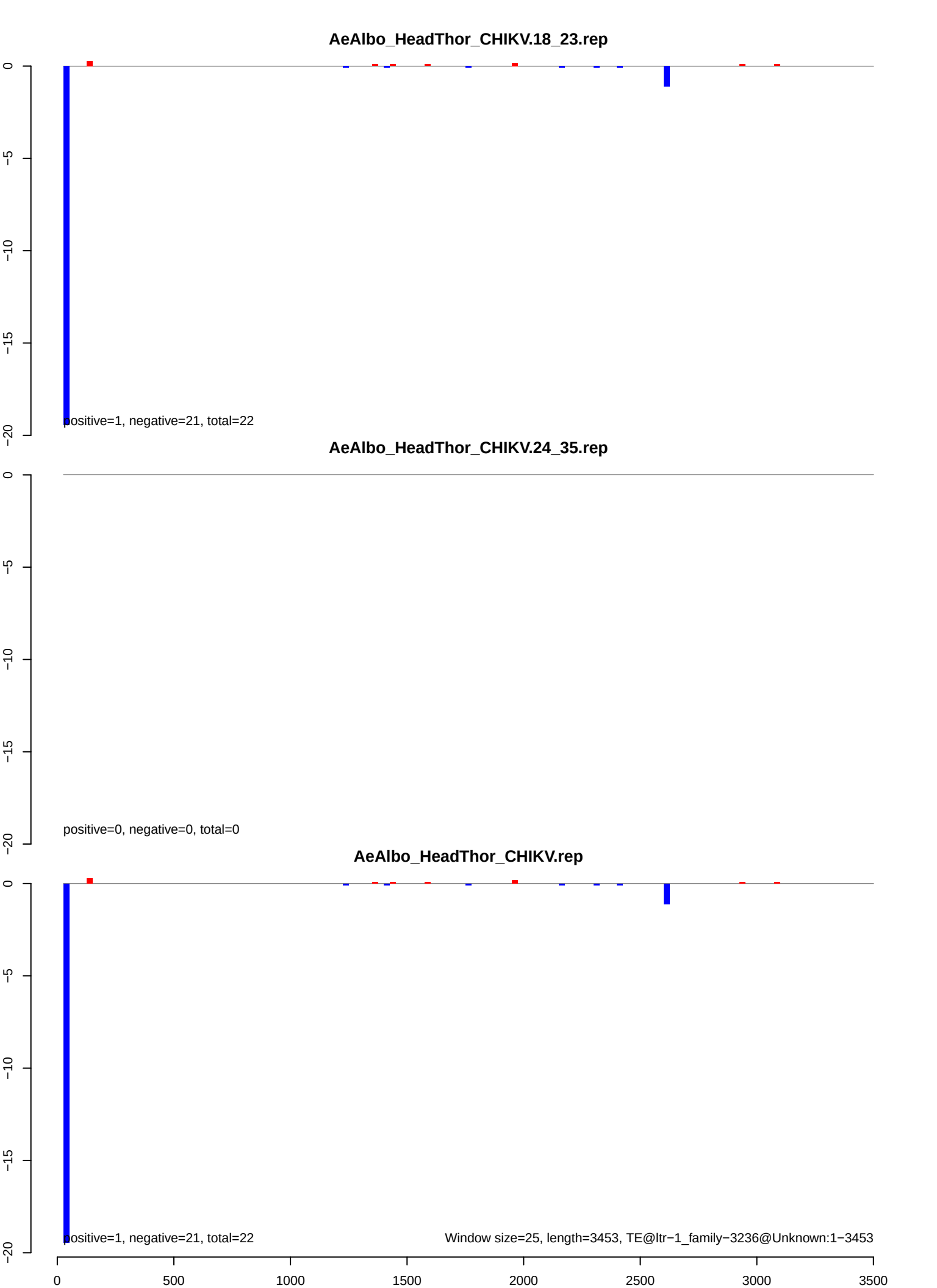

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=1861, TE@ltr−1_family−3466@LTR_Copia:1−1861
0
500
1000
1500

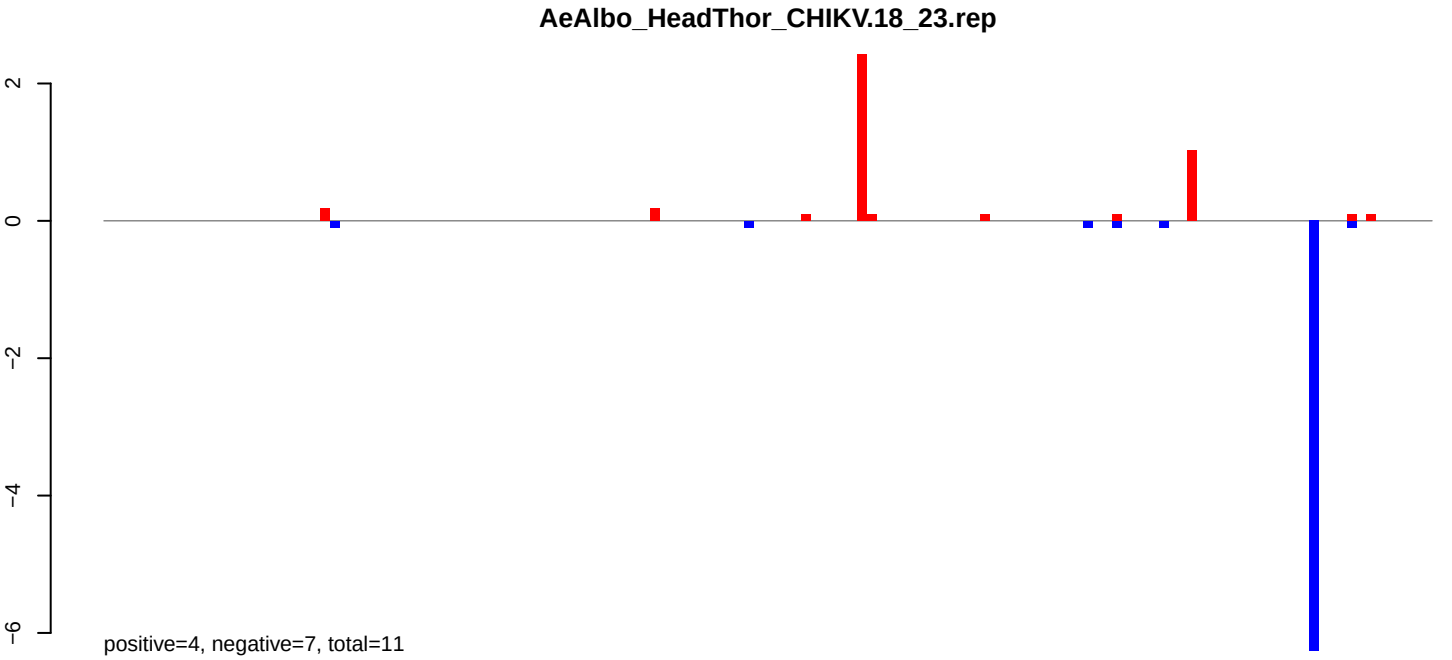

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=4933, TE@ltr−1_family−3335@LTR_Gypsy:1−4933
0.3
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000
5000

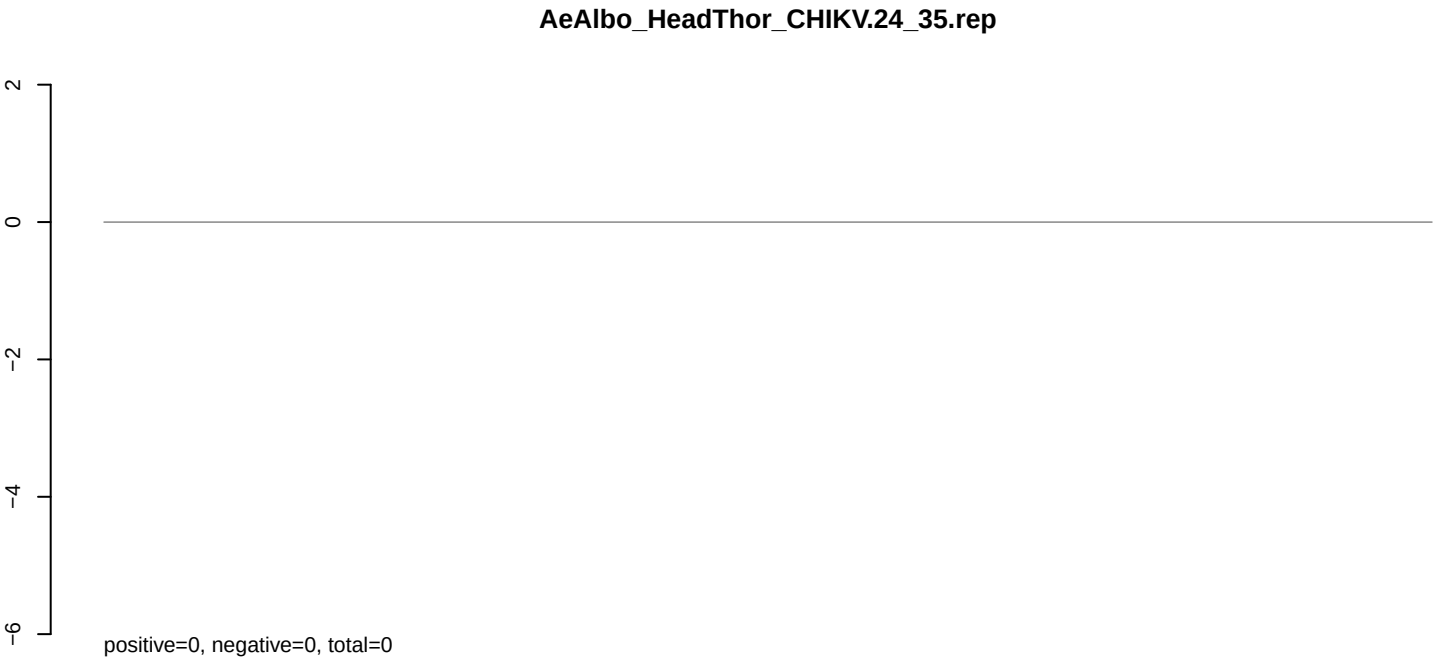

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=15, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=16, total=17
Window size=25, length=3838, TE@ltr−1_family−3294@LINE_RTE−BovB:1−3838
0
1000
2000
3000
4000

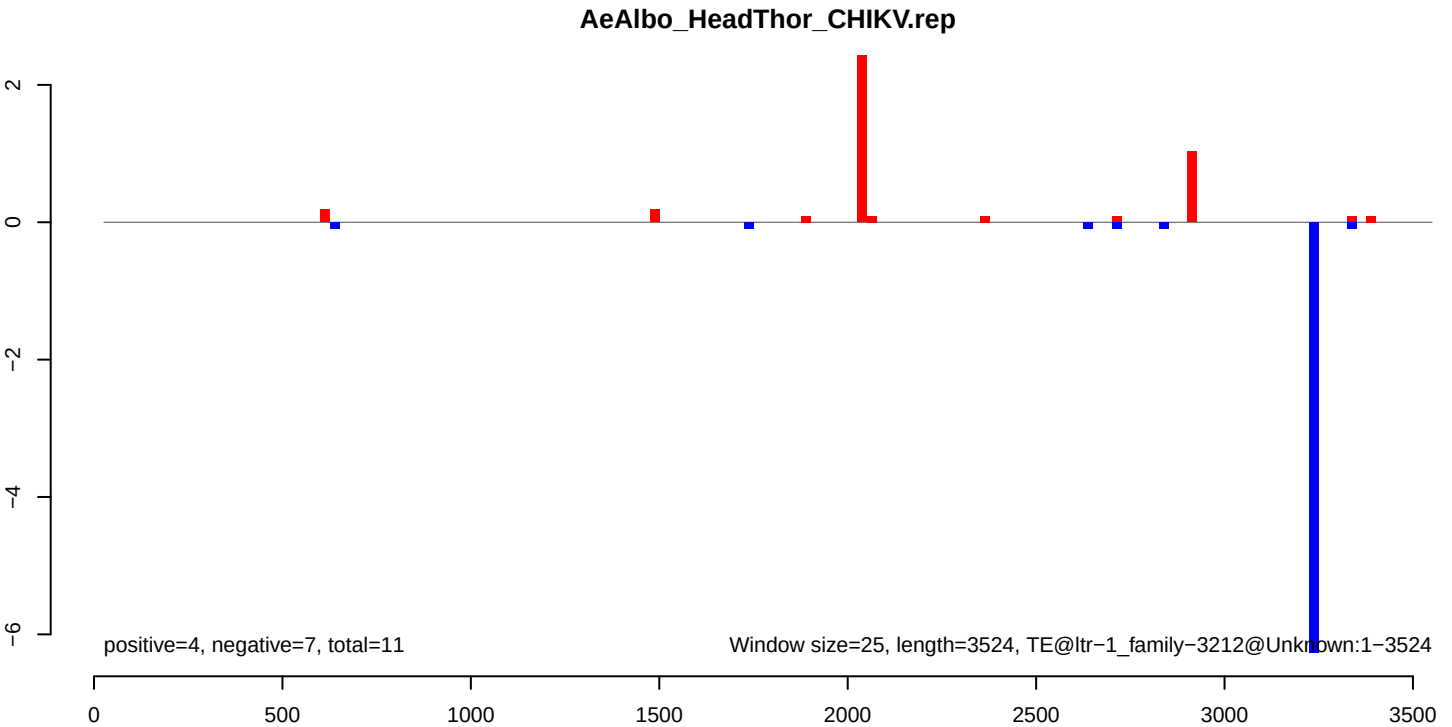

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=977, TE@ltr−1_family−3288@LTR_Pao:1−977
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
200
400
600
800
1000

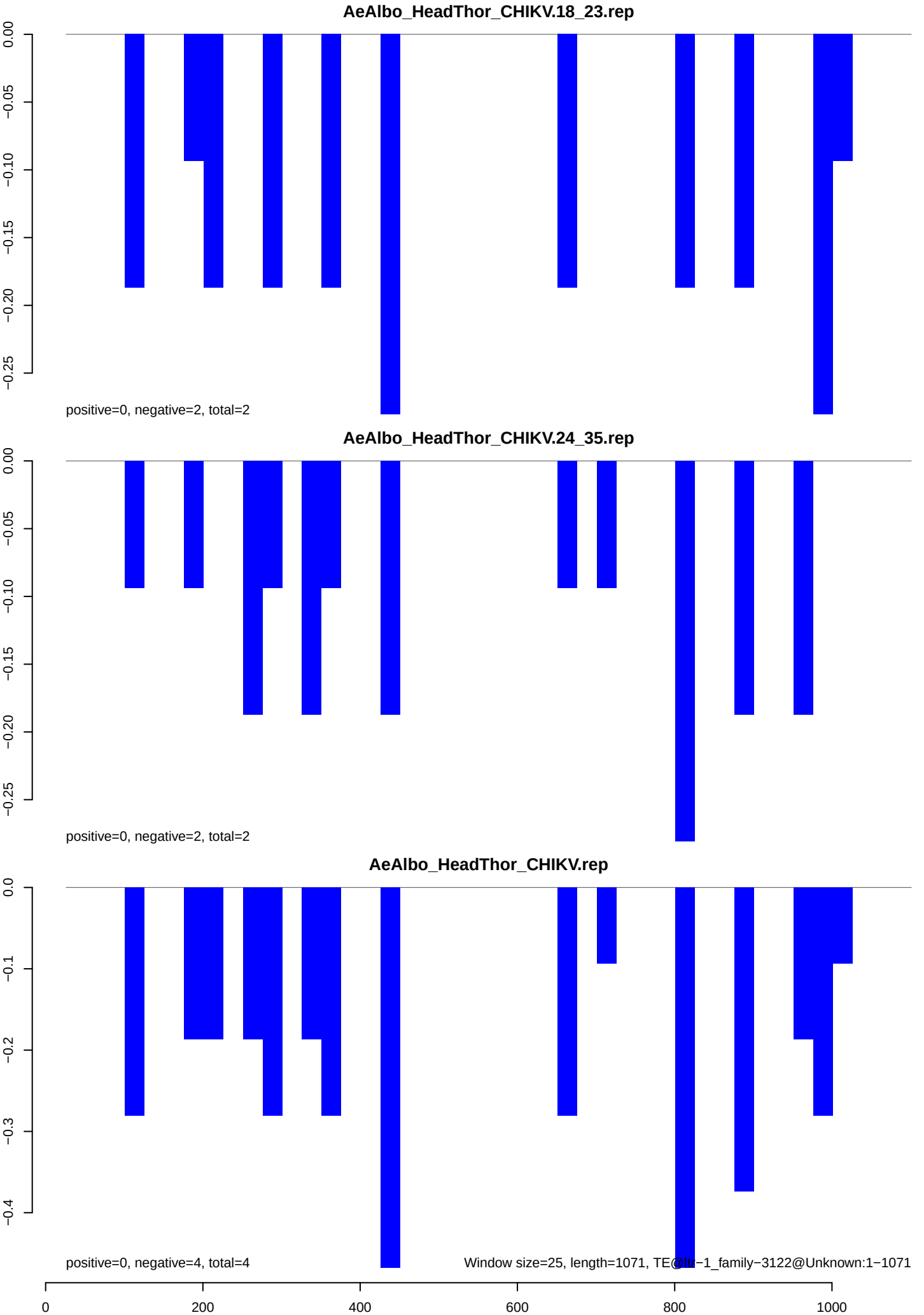

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=1, negative=29, total=29
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=1, negative=29, total=30
Window size=25, length=2294, TE@ltr−1_family−3242@LTR_Copia:1−2294
0
500
1000
1500
2000

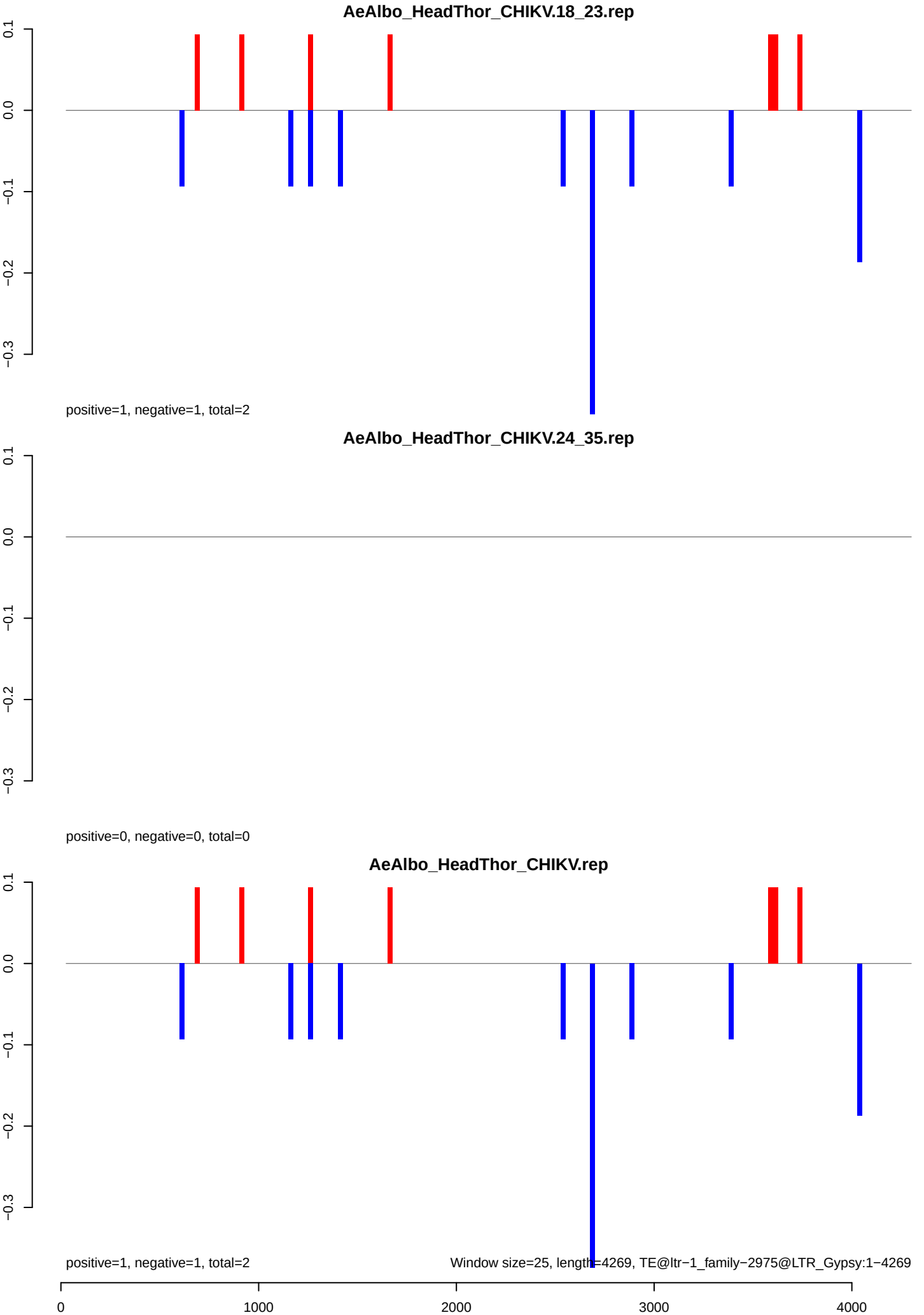

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=21, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=21, total=22
Window size=25, length=3453, TE@ltr−1_family−3236@Unknown:1−3453
0
500
1000
1500
2000
2500
3000
3500

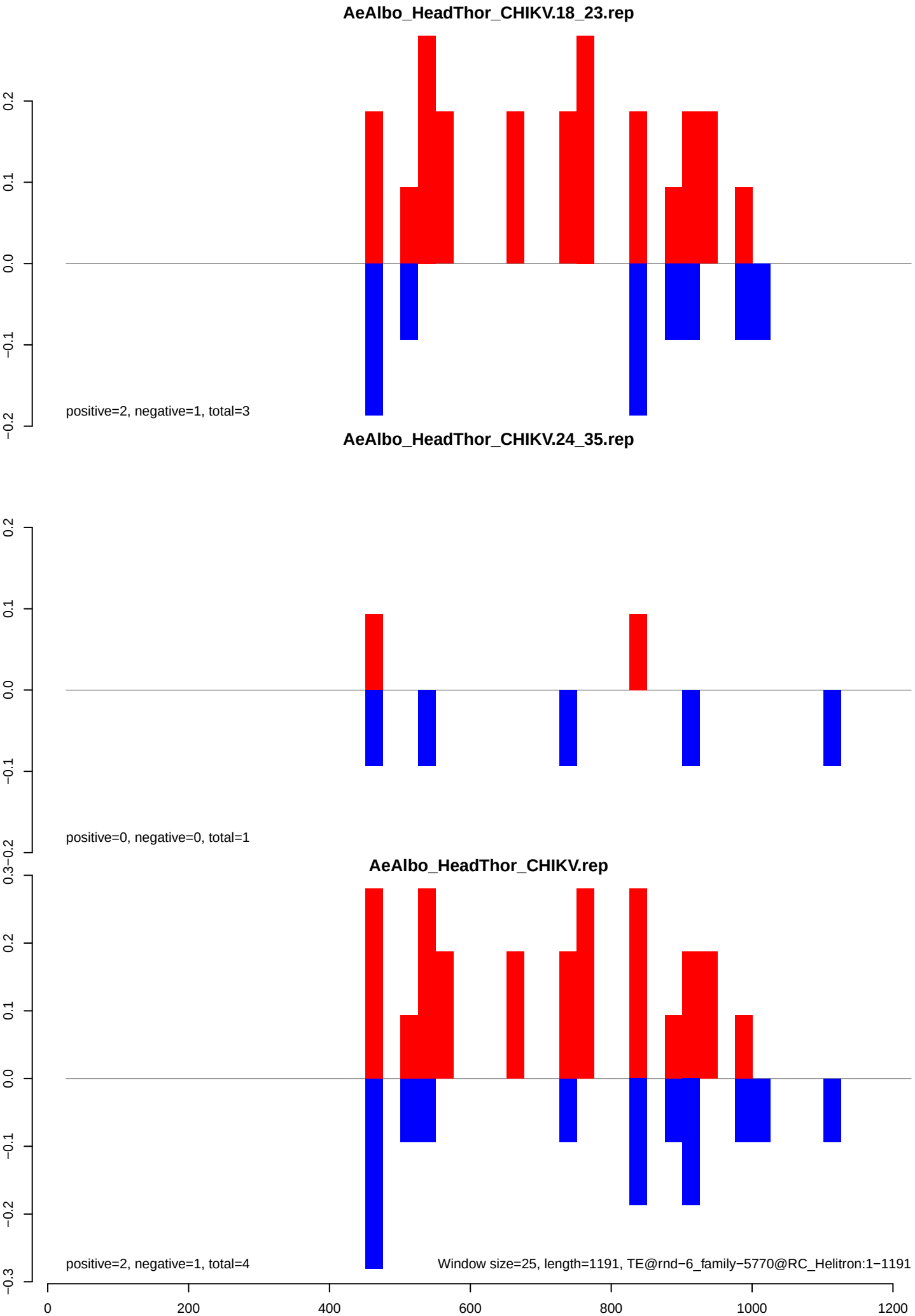

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
−6
positive=4, negative=7, total=11

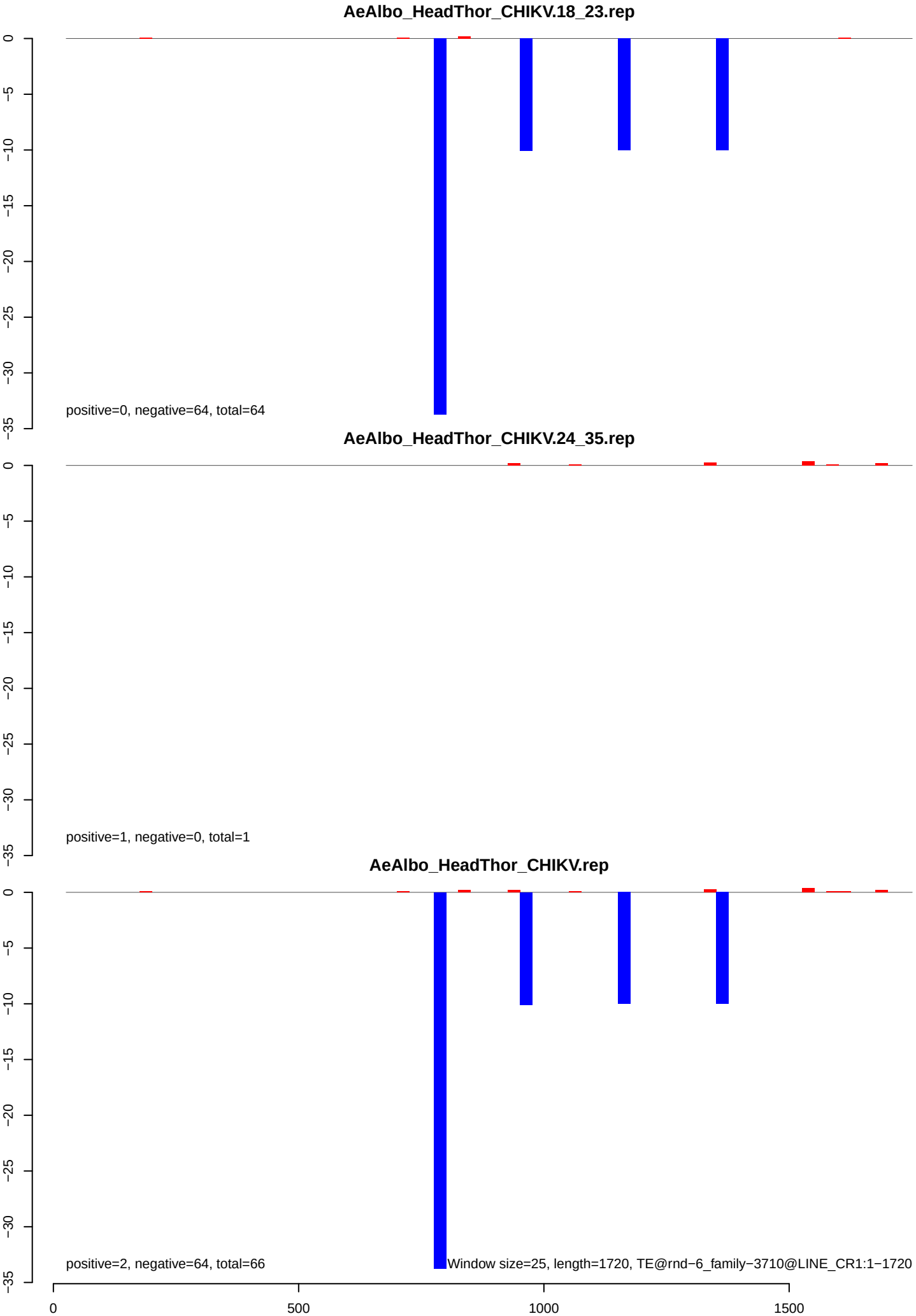

AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
−6
positive=0, negative=0, total=0

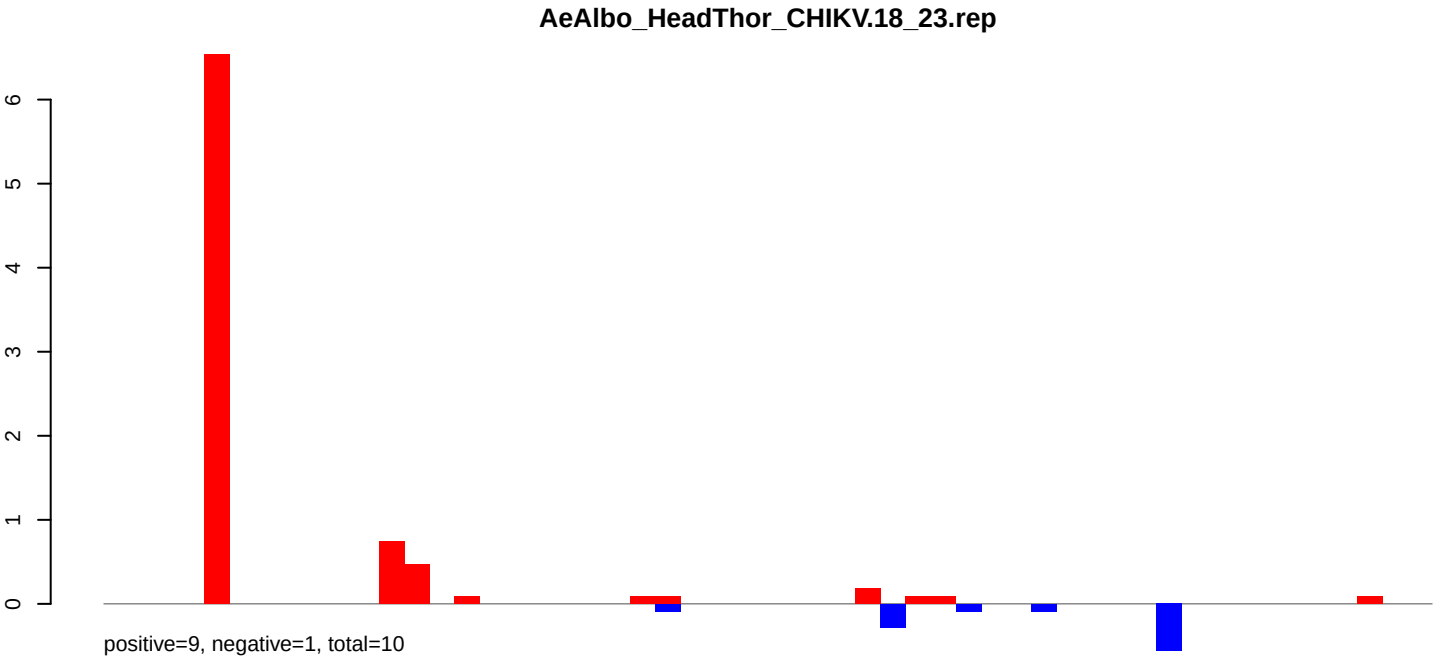

AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
−6
positive=4, negative=7, total=11
Window size=25, length=3524, TE@ltr−1_family−3212@Unknown:1−3524
0
500
1000
1500
2000
2500
3000
3500

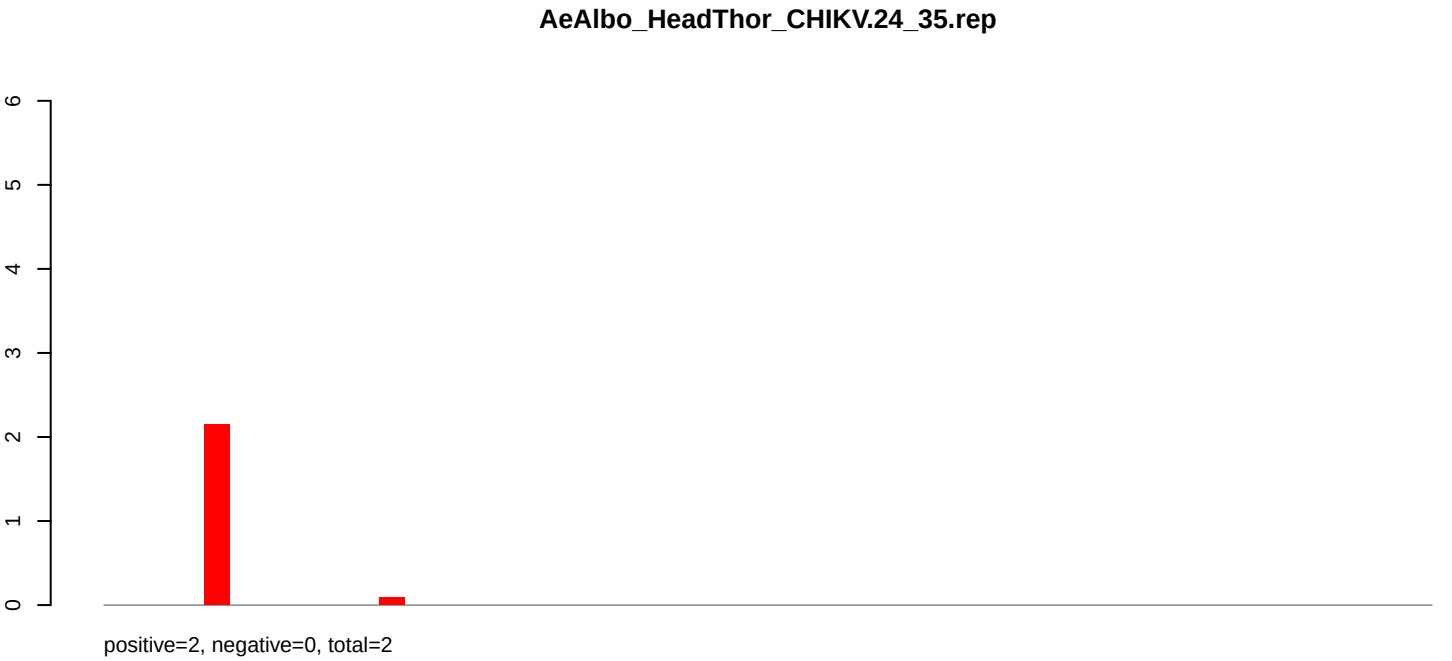

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=4, total=4
Window size=25, length=1071, TE@ltr−1_family−3122@Unknown:1−1071
0
200
400
600
800
1000

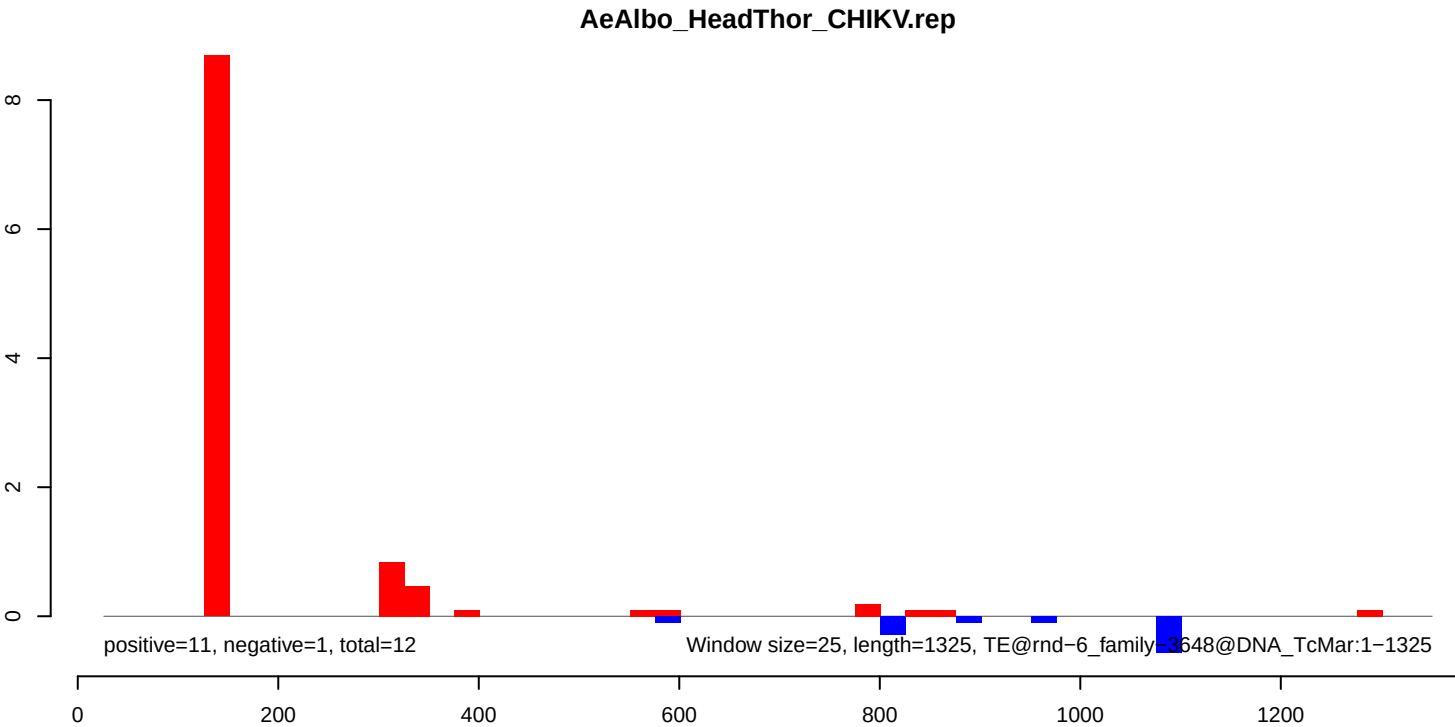

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2
Window size=25, length=4269, TE@ltr−1_family−2975@LTR_Gypsy:1−4269
0
1000
2000
3000
4000

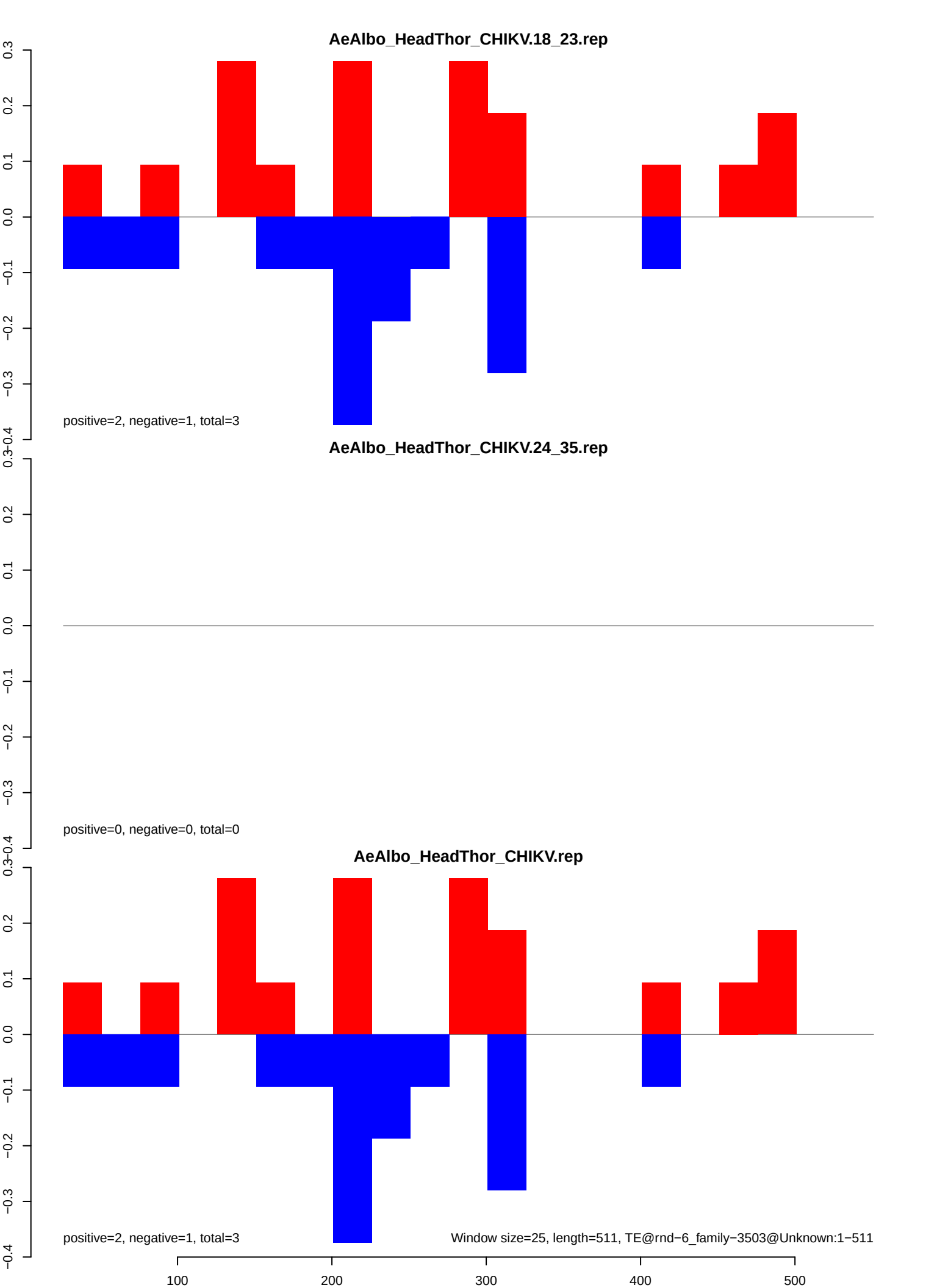

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=4
Window size=25, length=1191, TE@rnd−6_family−5770@RC_Helitron:1−1191
0.2
0.1
0.0
−0.1
−0.2
0.3
−0.3
0
200
400
600
800
1000
1200

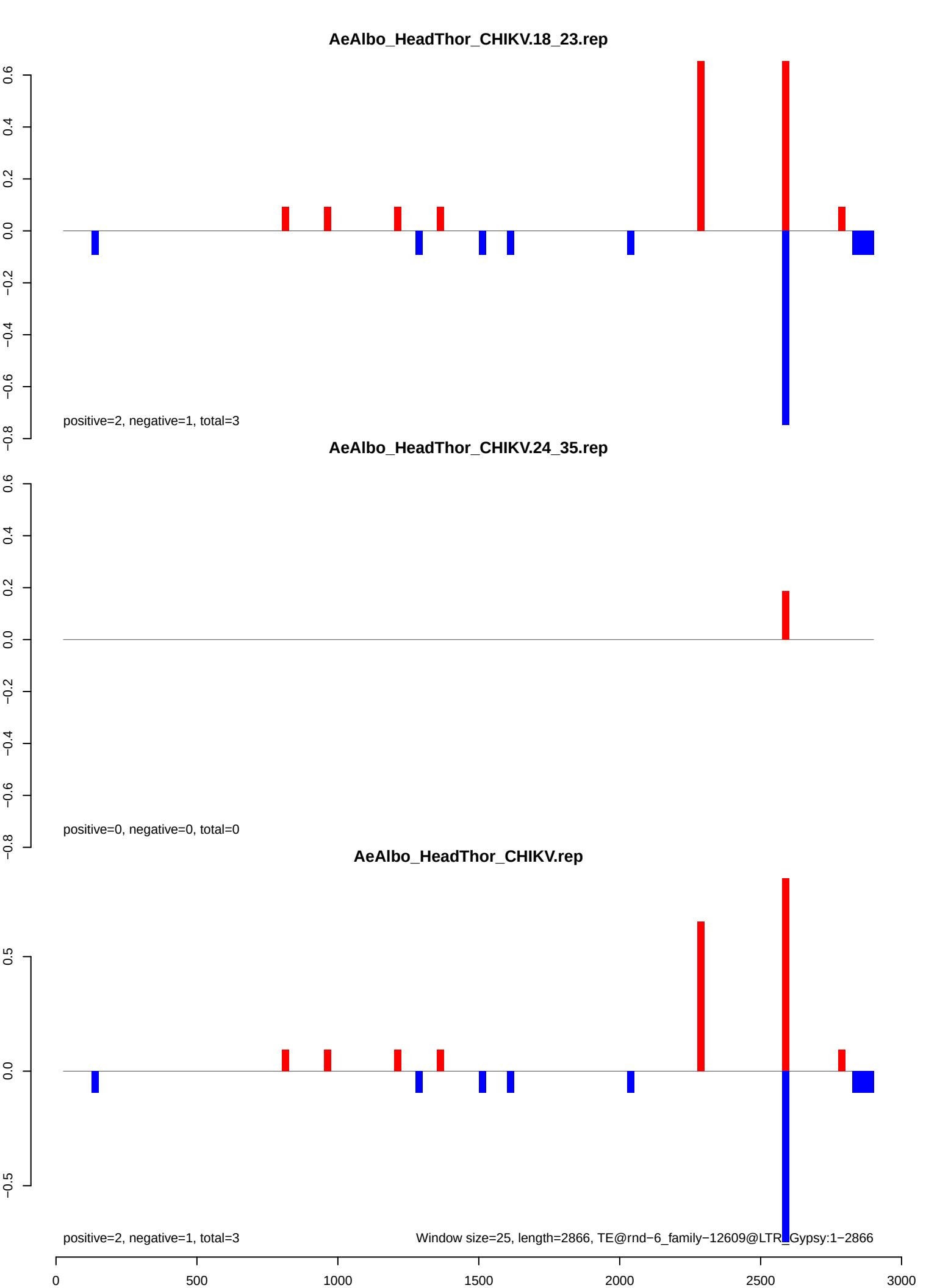

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
−35
positive=0, negative=64, total=64
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=64, total=66
Window size=25, length=1720, TE@rnd−6_family−3710@LINE_CR1:1−1720
0
500
1000
1500

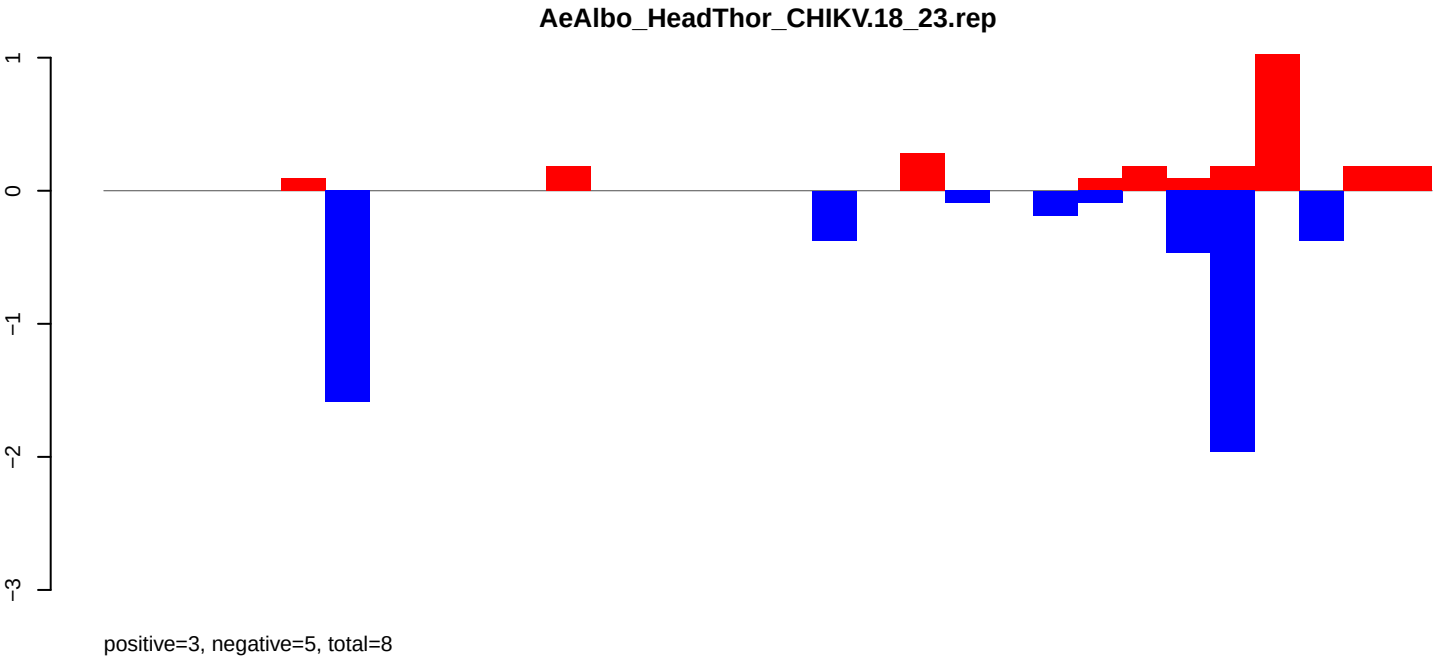

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
6
positive=9, negative=1, total=10

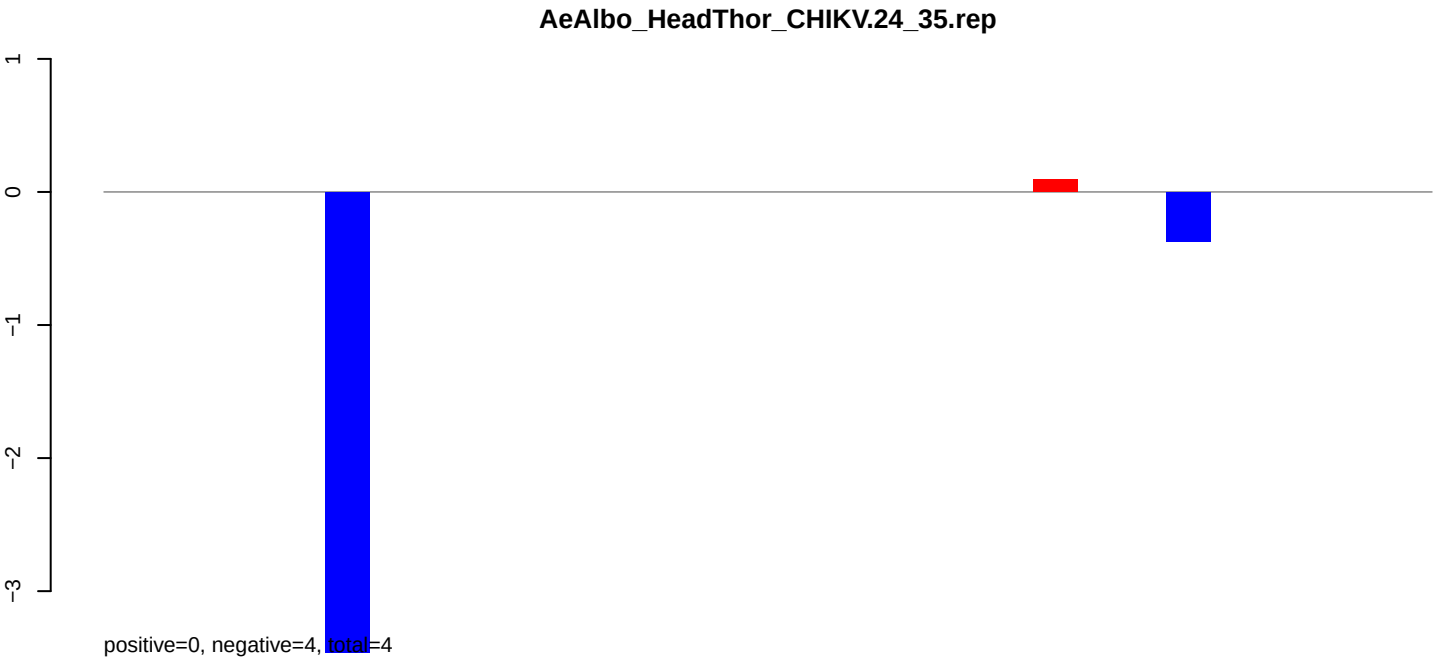

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
6
positive=2, negative=0, total=2

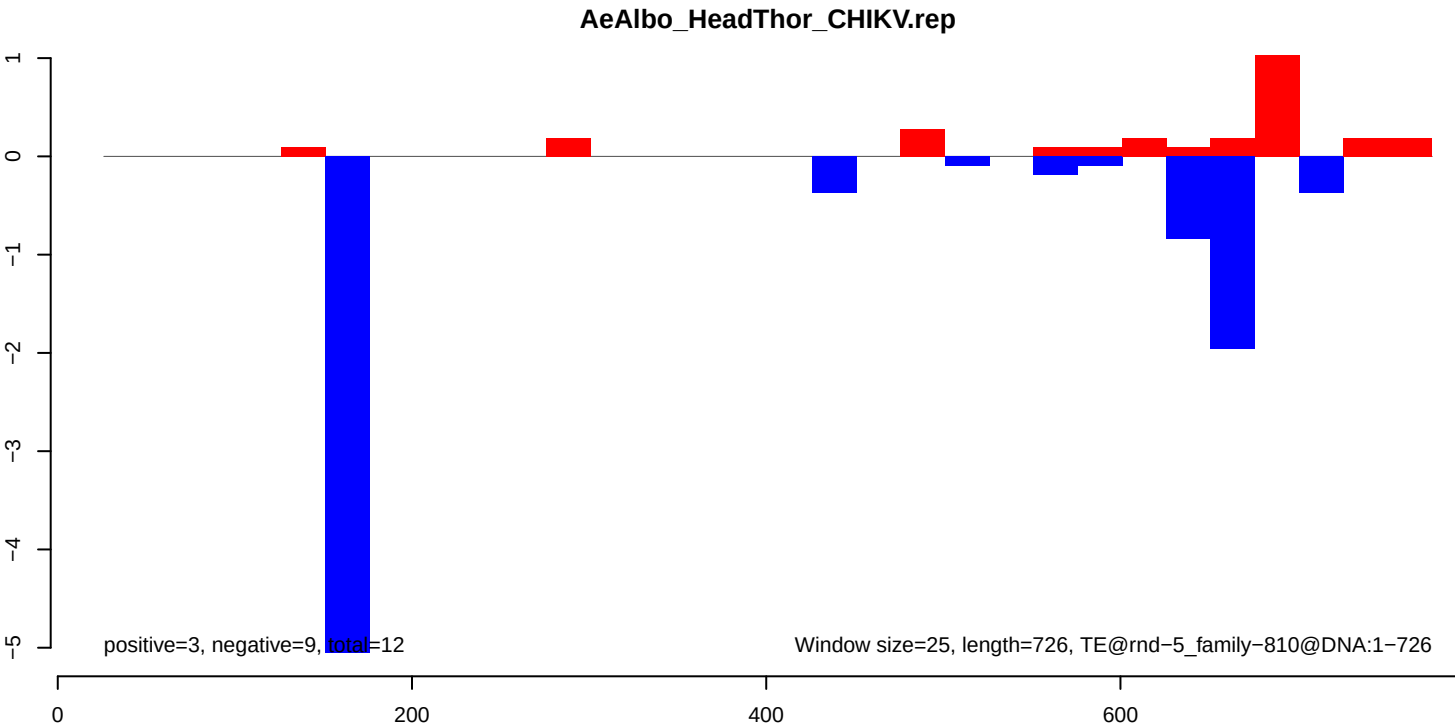

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
positive=11, negative=1, total=12
Window size=25, length=1325, TE@rnd−6_family−3648@DNA_TcMar:1−1325
0
200
400
600
800
1000
1200
1400

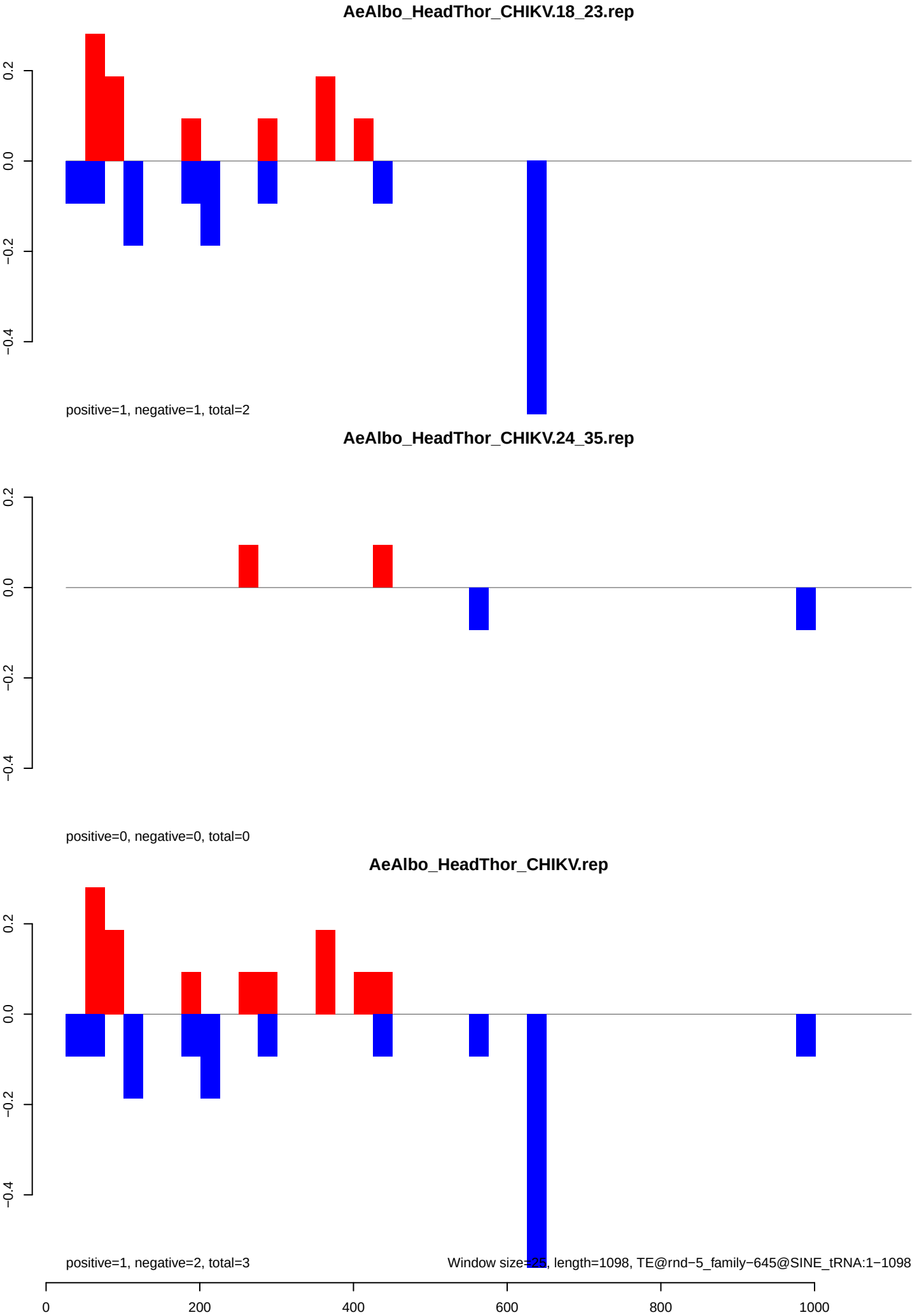

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=511, TE@rnd−6_family−3503@Unknown:1−511
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
100
200
300
400
500

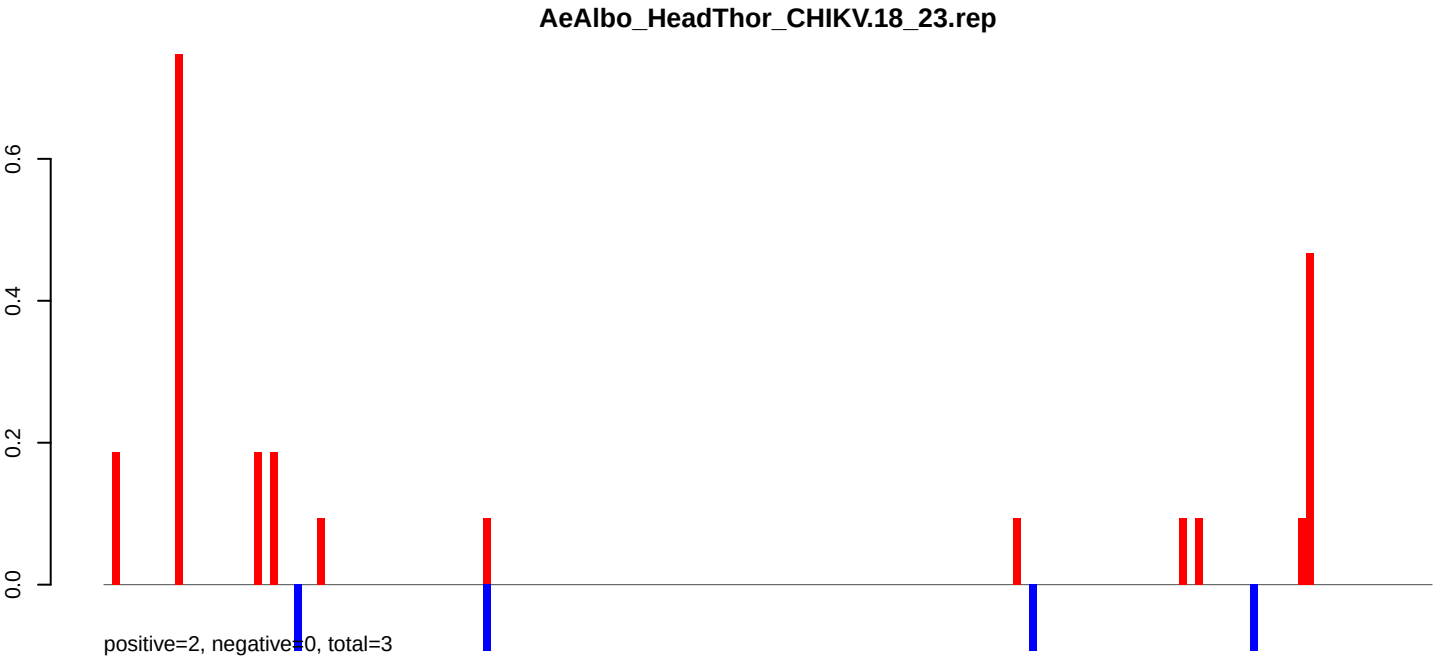

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=2, negative=1, total=3
Window size=25, length=2866, TE@rnd−6_family−12609@LTR_Gypsy:1−2866
0
500
1000
1500
2000
2500
3000

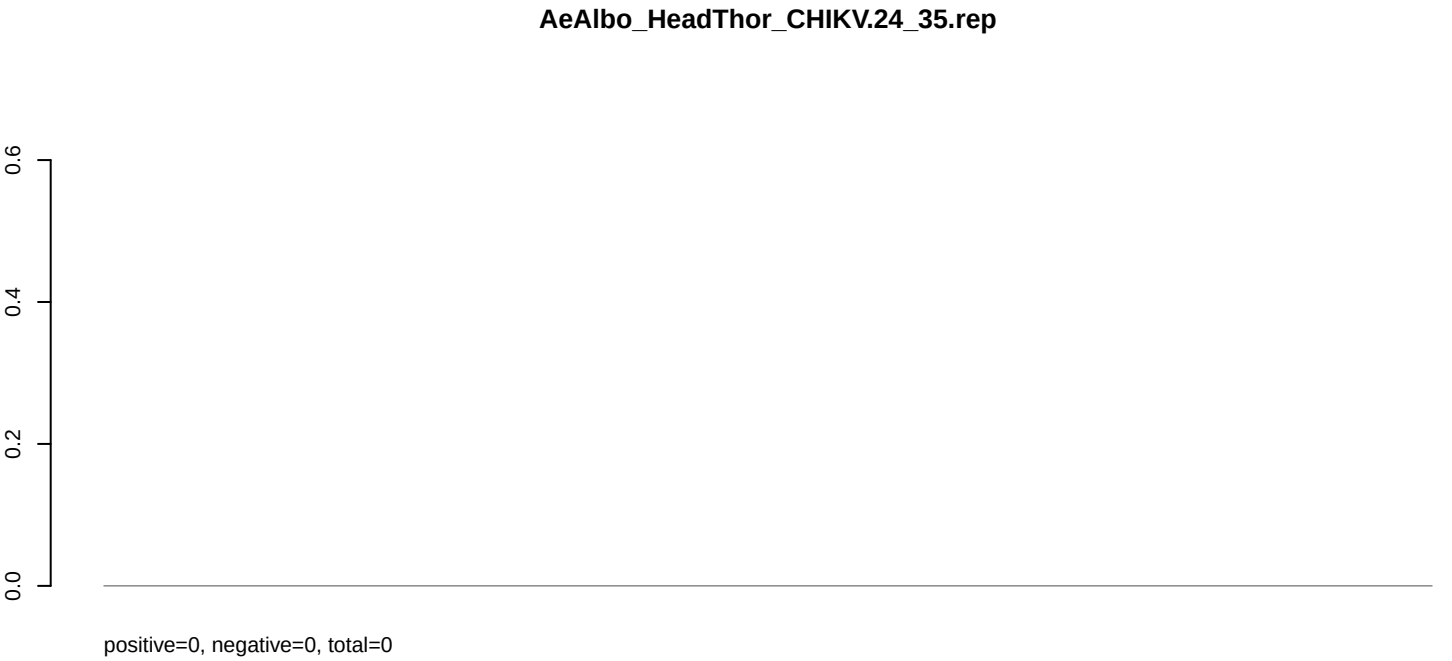

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
positive=3, negative=5, total=8

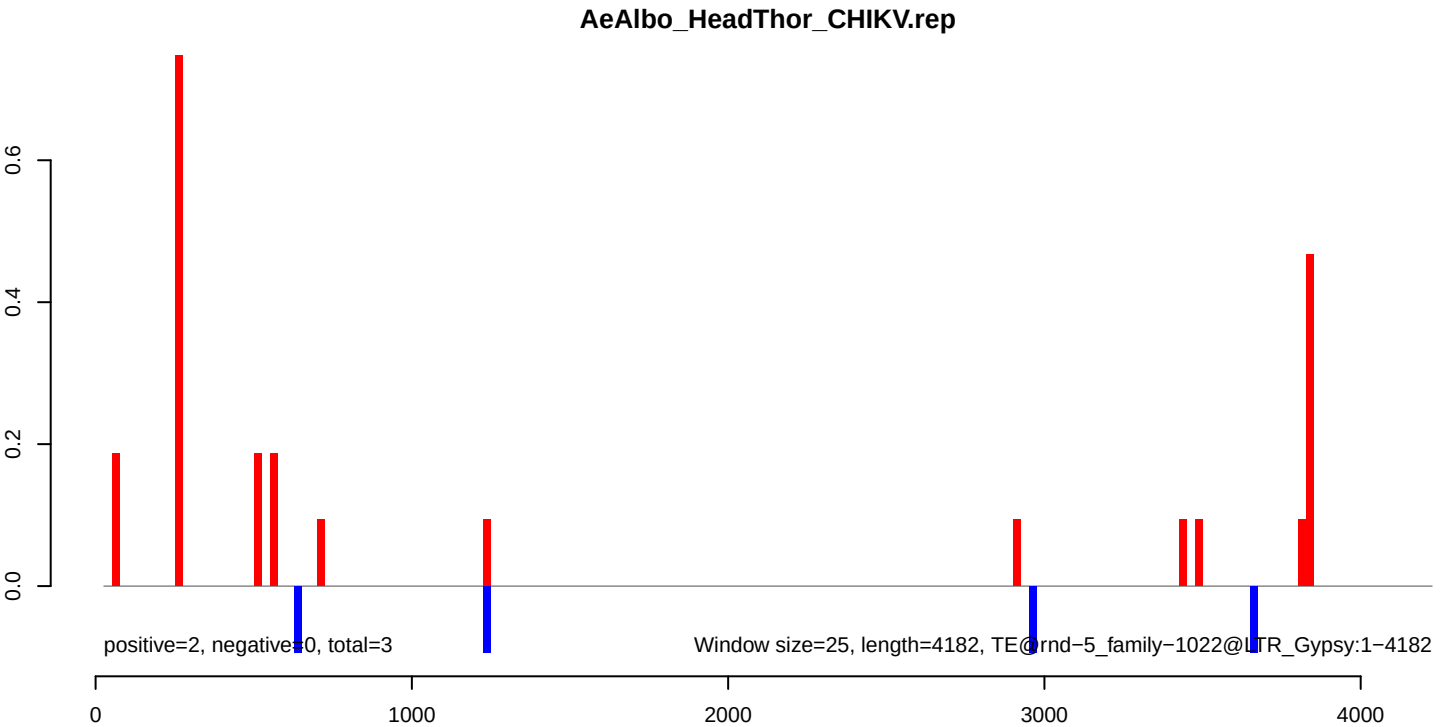

AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
positive=0, negative=4, total=4

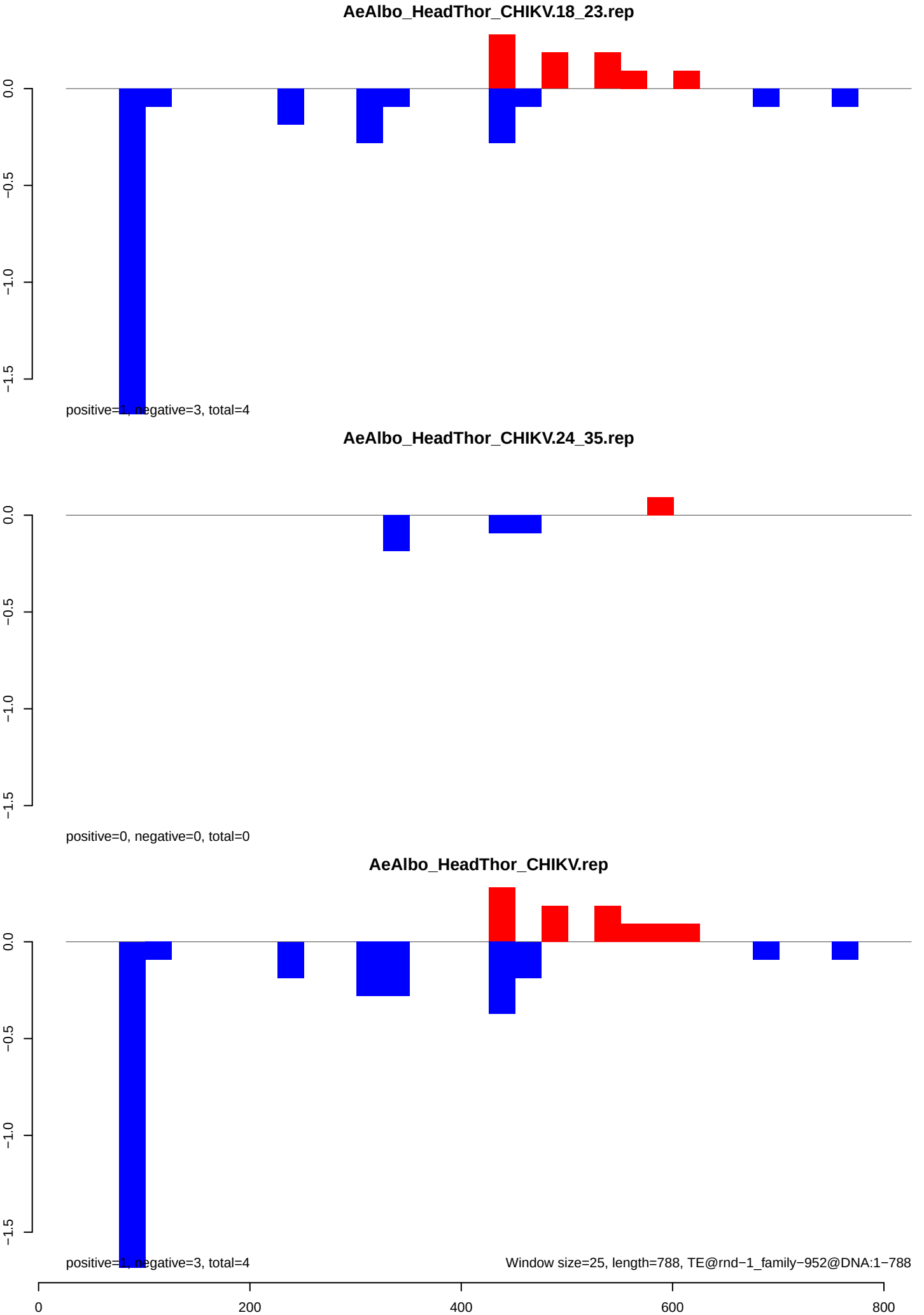

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
−4
−5
positive=3, negative=9, total=12
Window size=25, length=726, TE@rnd−5_family−810@DNA:1−726
0
200
400
600
800

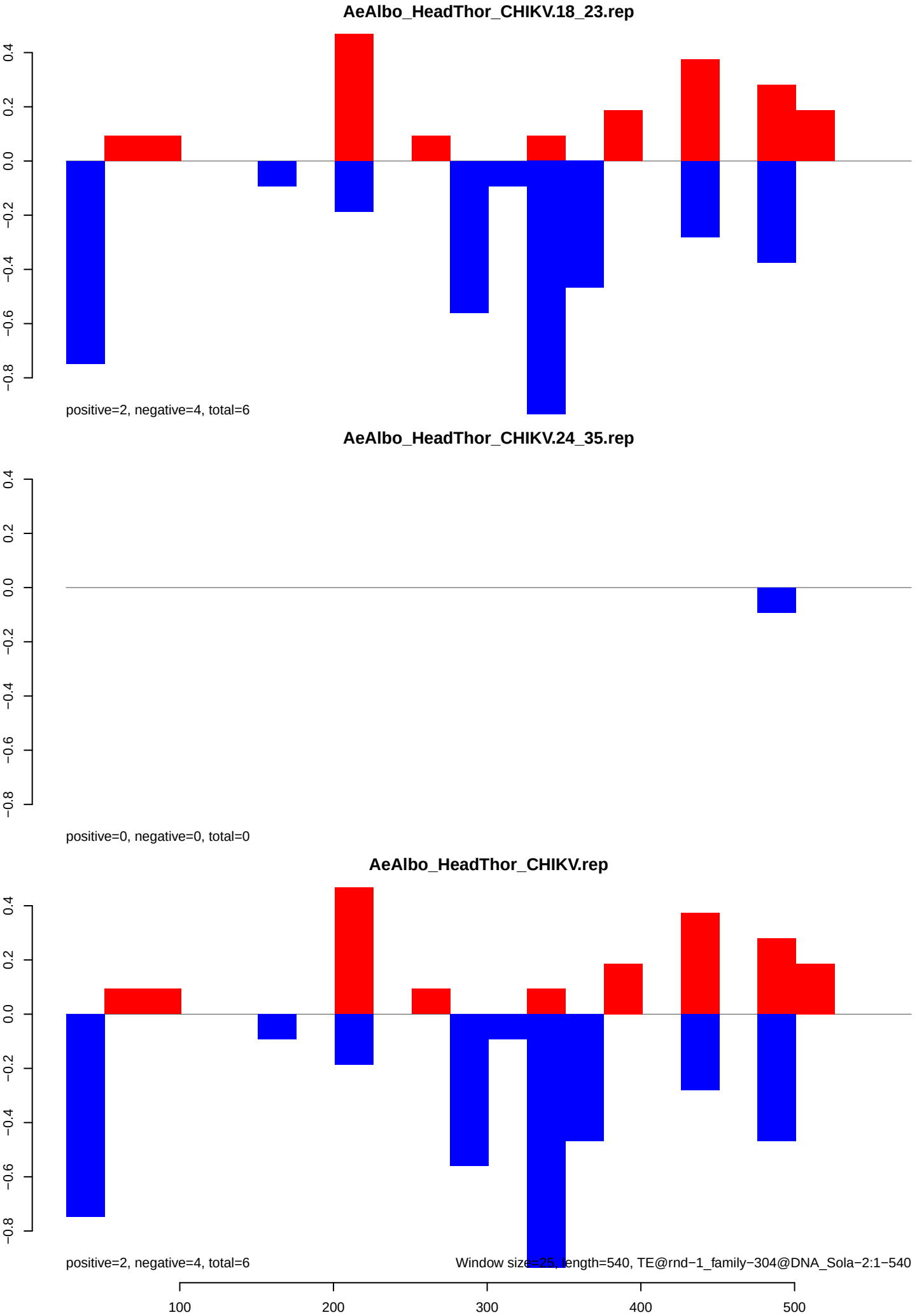

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=3
Window size=25, length=1098, TE@rnd−5_family−645@SINE_tRNA:1−1098
0
200
400
600
800
1000

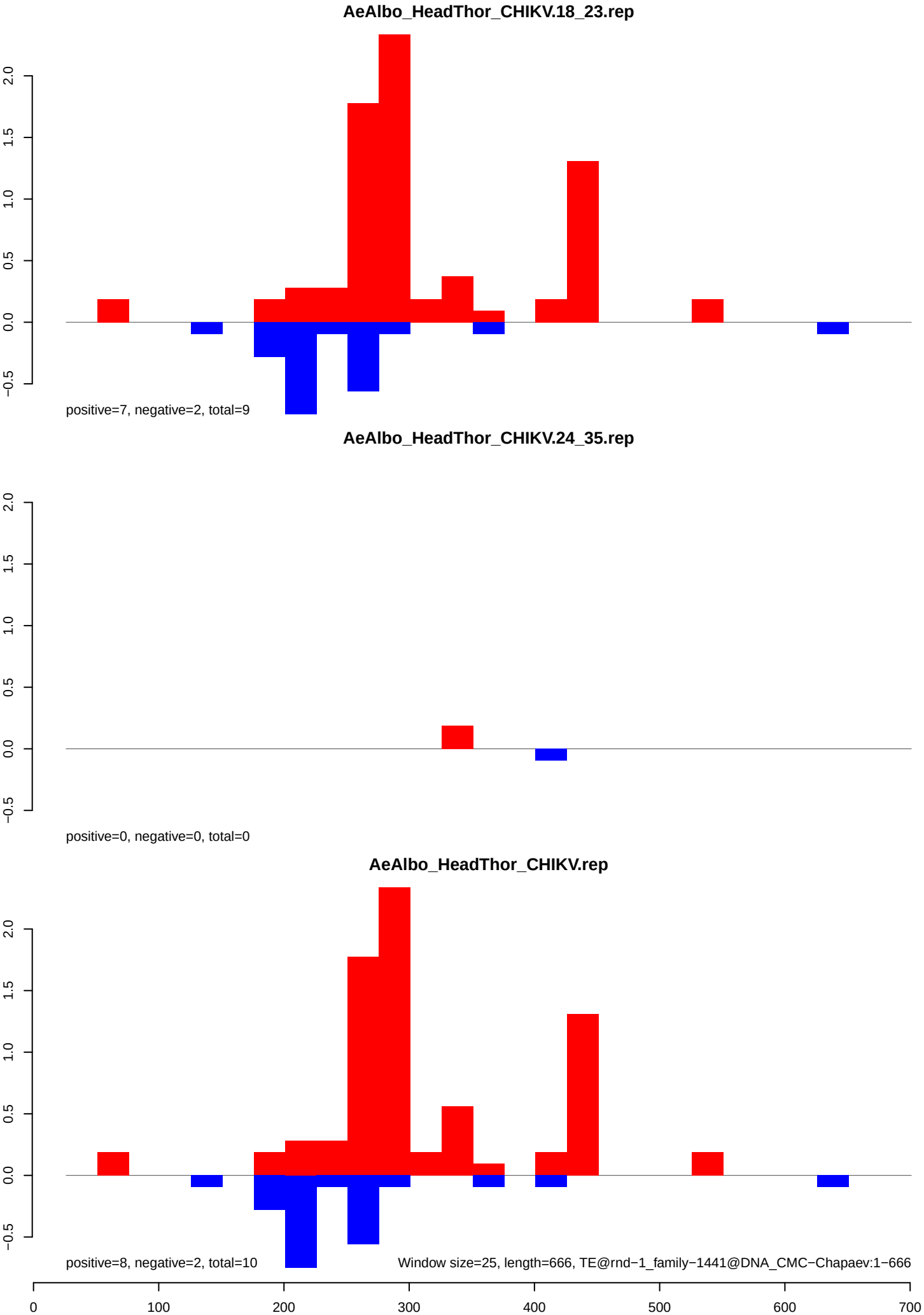

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=2, negative=0, total=3

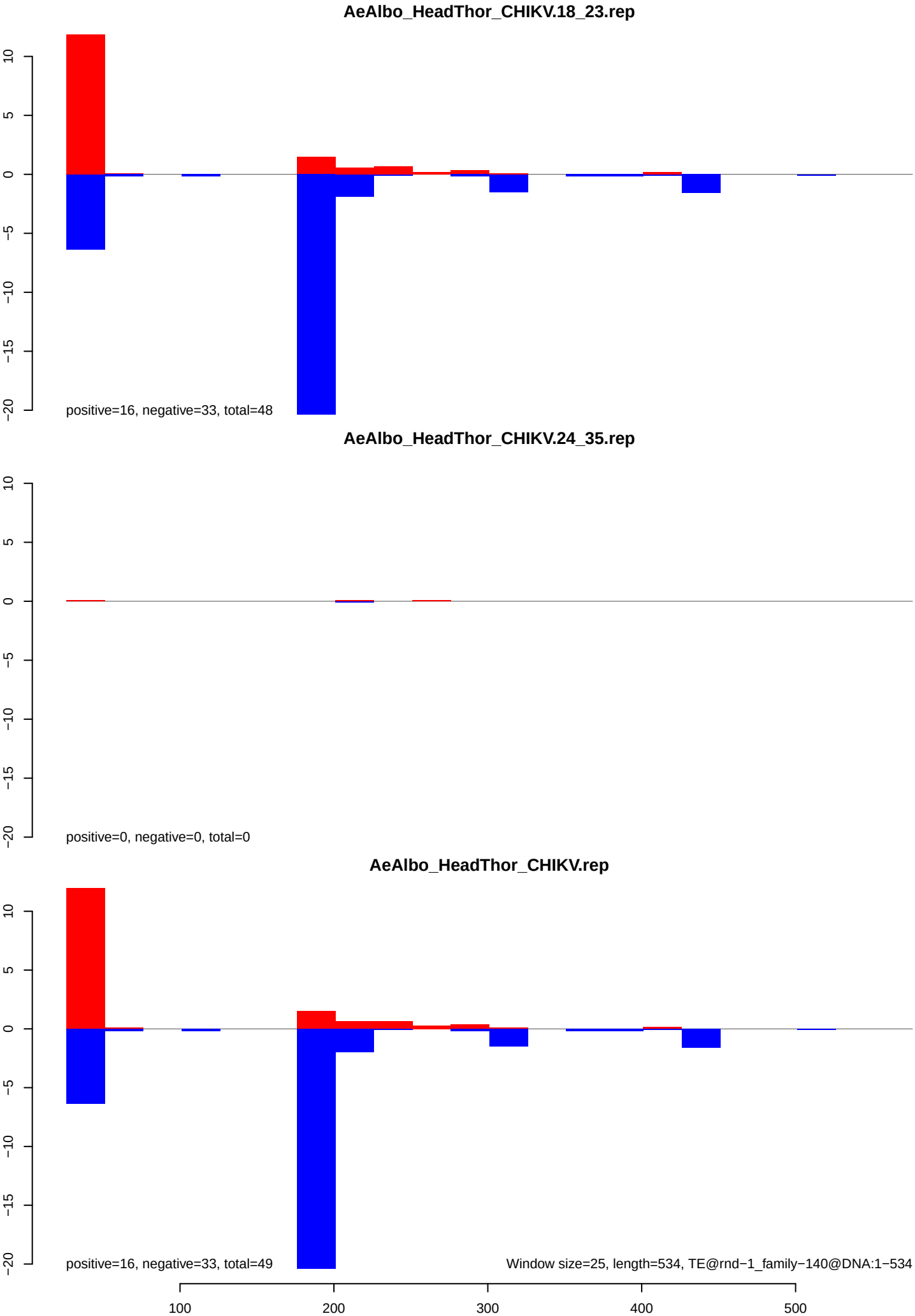

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0

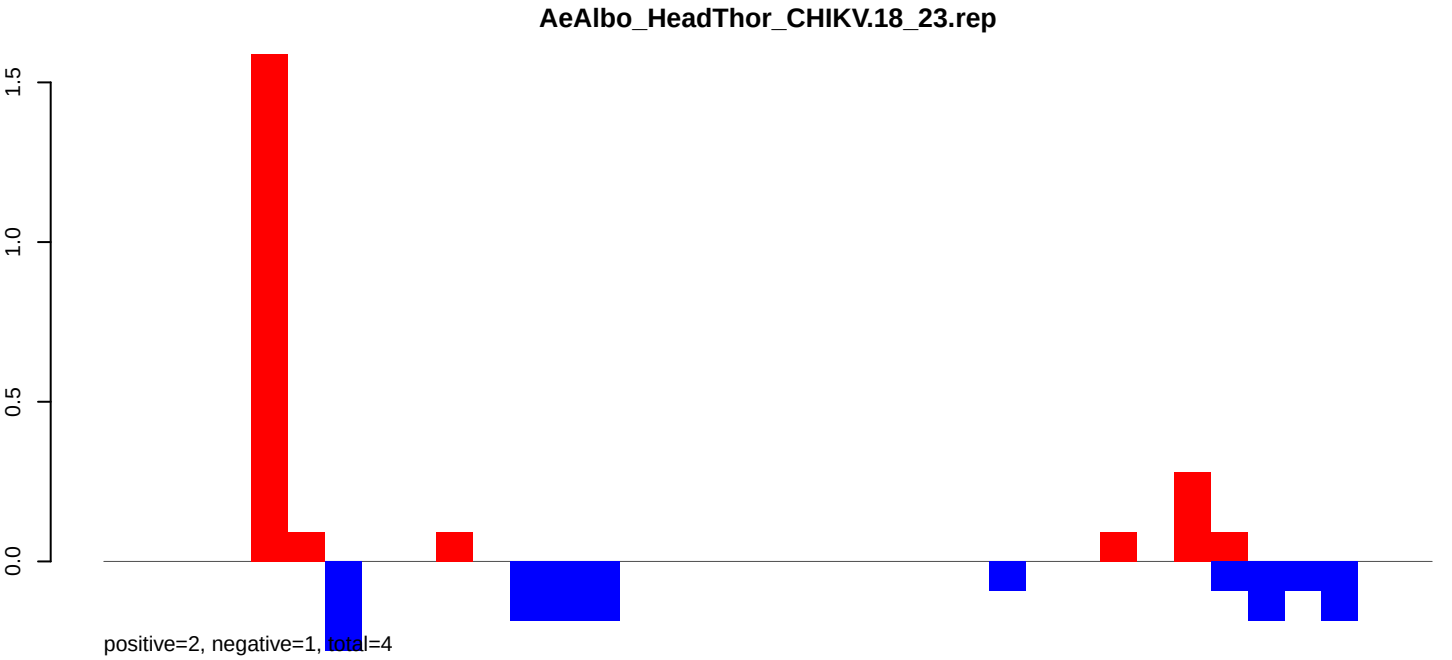

AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=2, negative=0, total=3
Window size=25, length=4182, TE@rnd−5_family−1022@LTR_Gypsy:1−4182
0
1000
2000
3000
4000

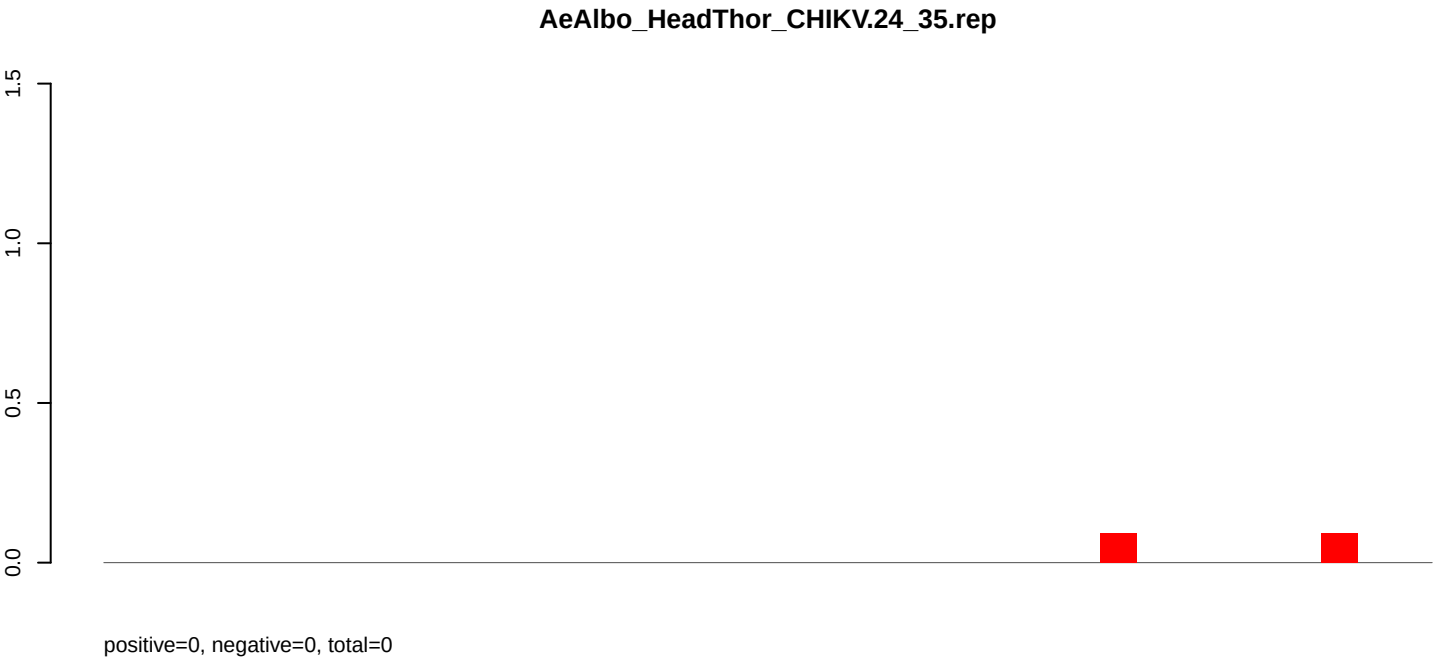

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4
Window size=25, length=788, TE@rnd−1_family−952@DNA:1−788
0
200
400
600
800

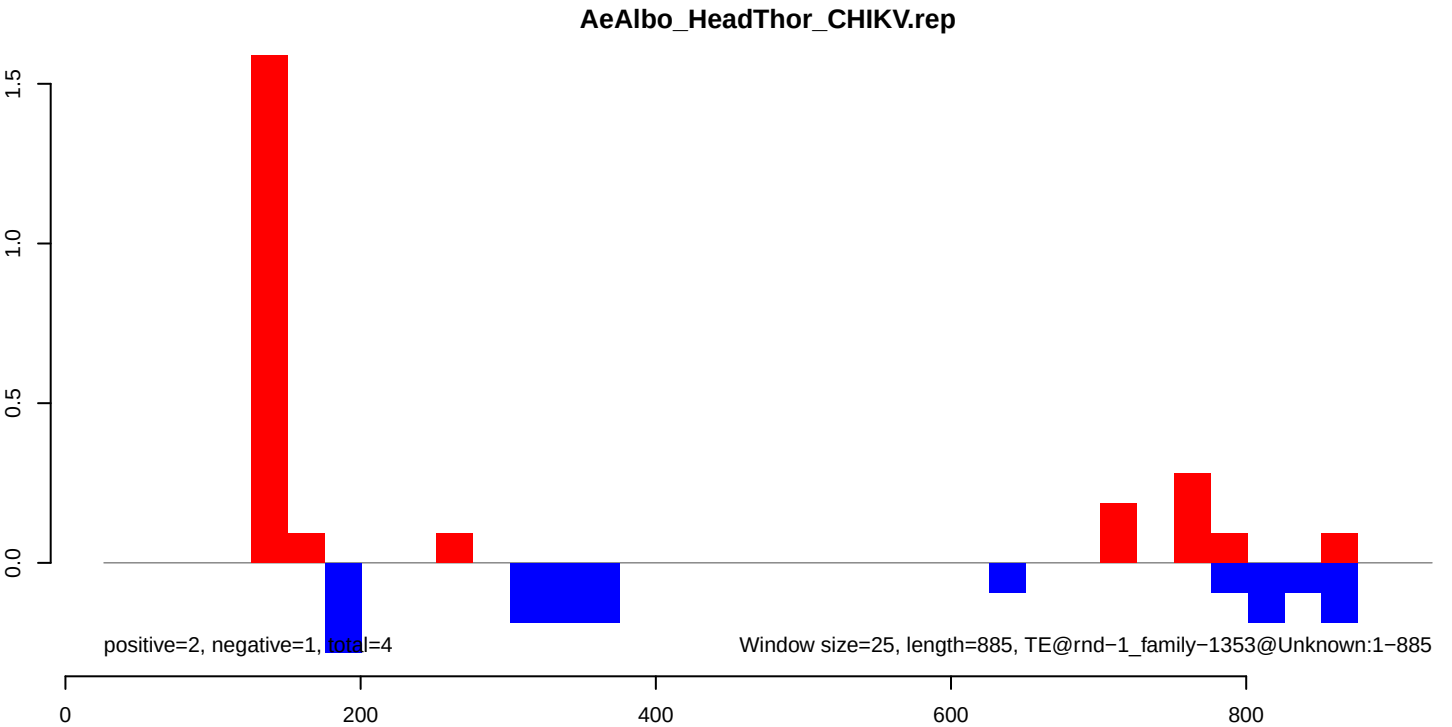

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=4, total=6
Window size=25, length=540, TE@rnd−1_family−304@DNA_Sola−2:1−540
100
200
300
400
500

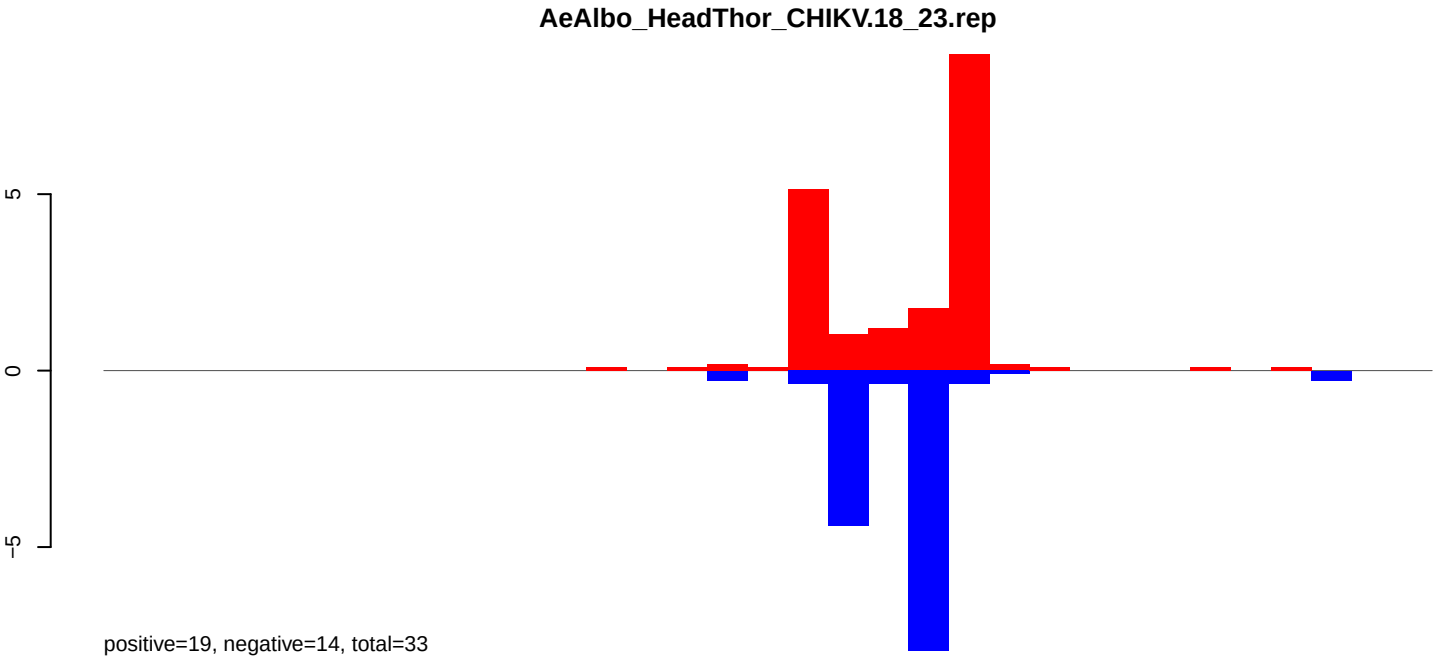

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=2, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=2, total=10
Window size=25, length=666, TE@rnd−1_family−1441@DNA_CMC−Chapaev:1−666
2.0
1.5
1.0
0.5
0.0
−0.5
0
100
200
300
400
500
600
700

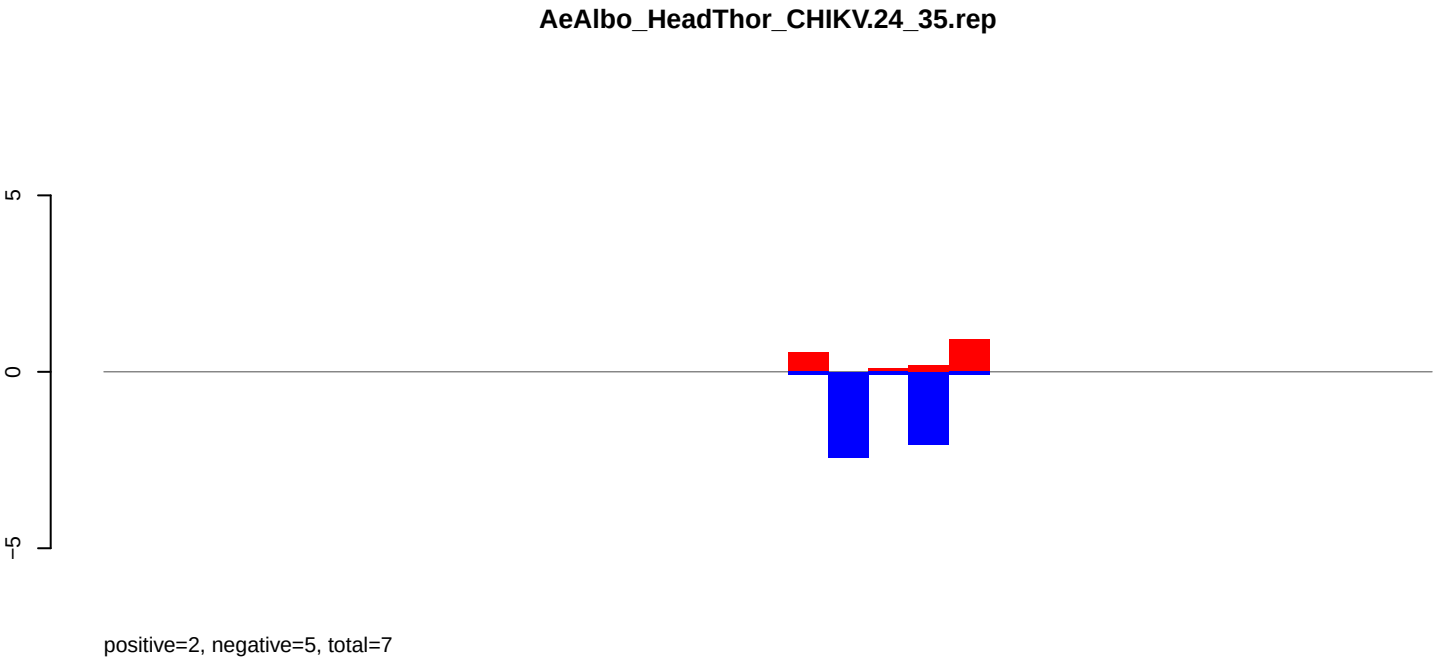

AeAlbo_HeadThor_CHIKV.18_23.rep
10
5
0
−5
−10
−15
−20
positive=16, negative=33, total=48
AeAlbo_HeadThor_CHIKV.24_35.rep
10
5
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
−10
−15
−20
positive=16, negative=33, total=49
Window size=25, length=534, TE@rnd−1_family−140@DNA:1−534
100
200
300
400
500

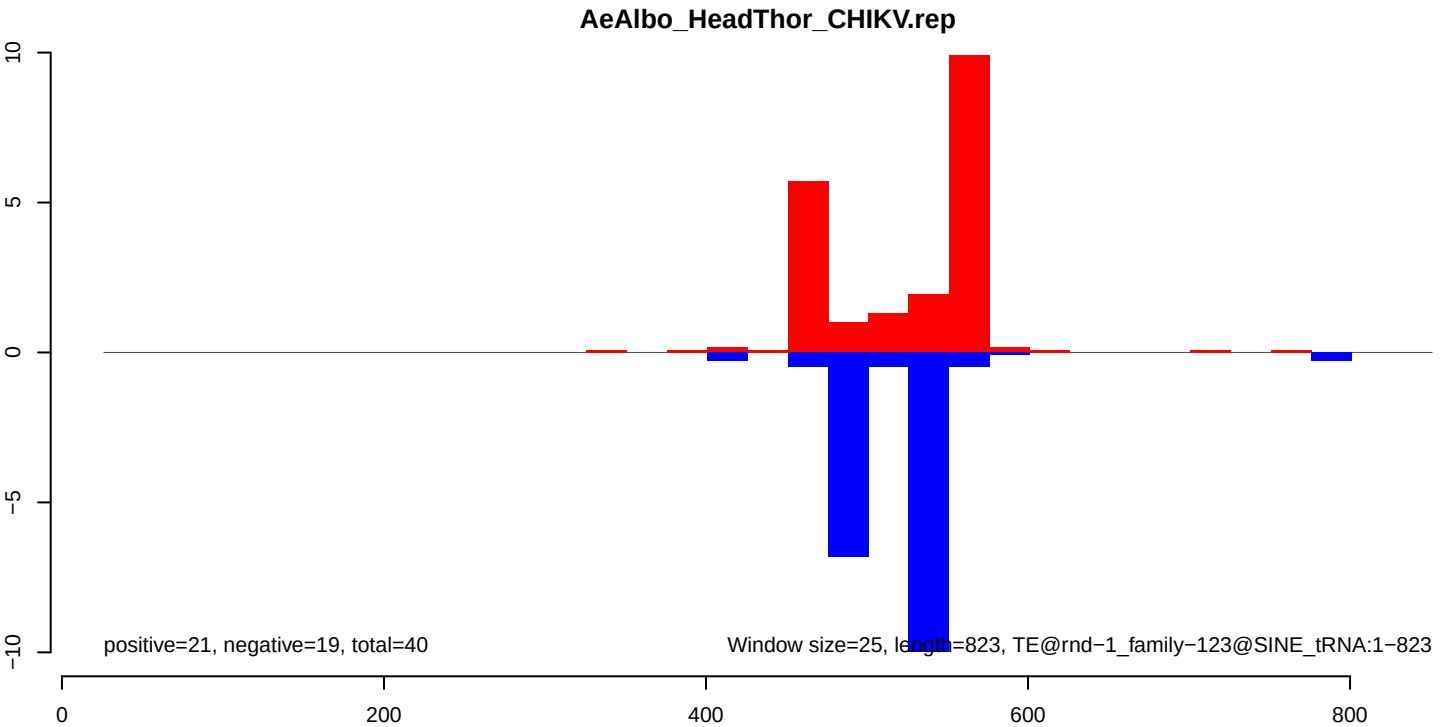

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=4

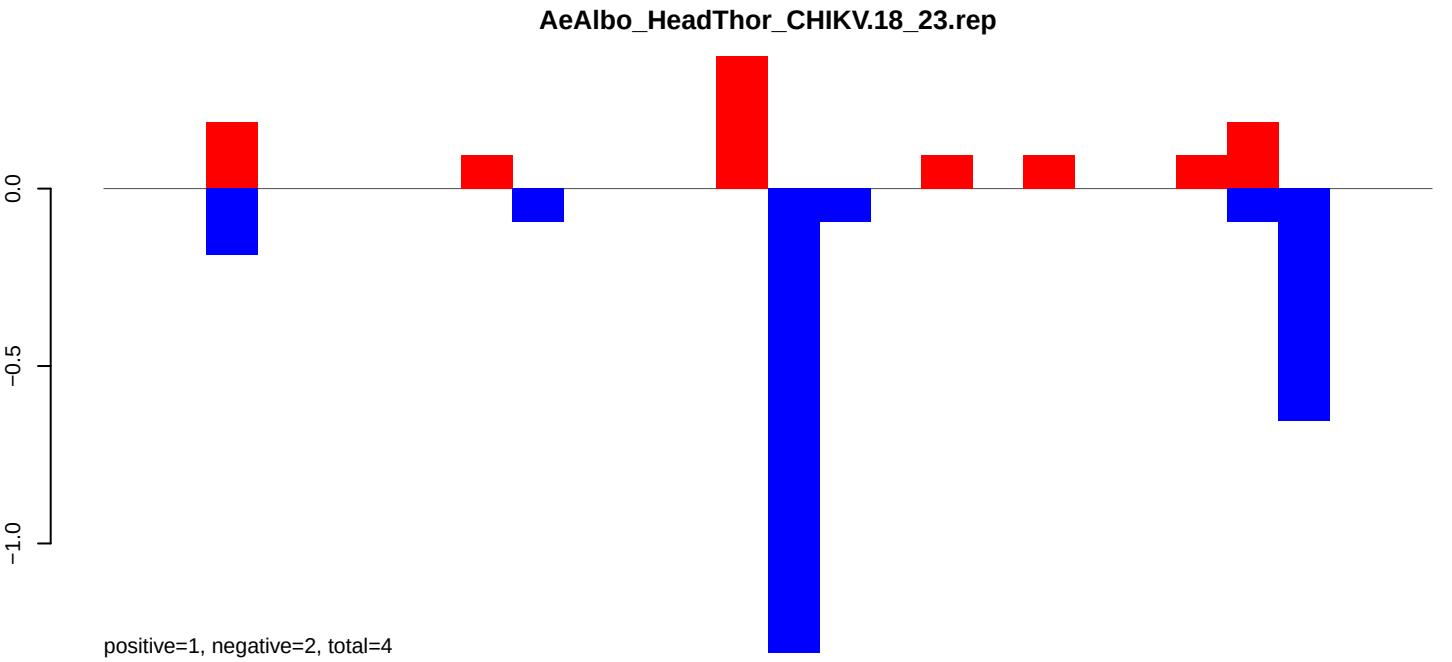

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=4
Window size=25, length=885, TE@rnd−1_family−1353@Unknown:1−885
0
200
400
600
800

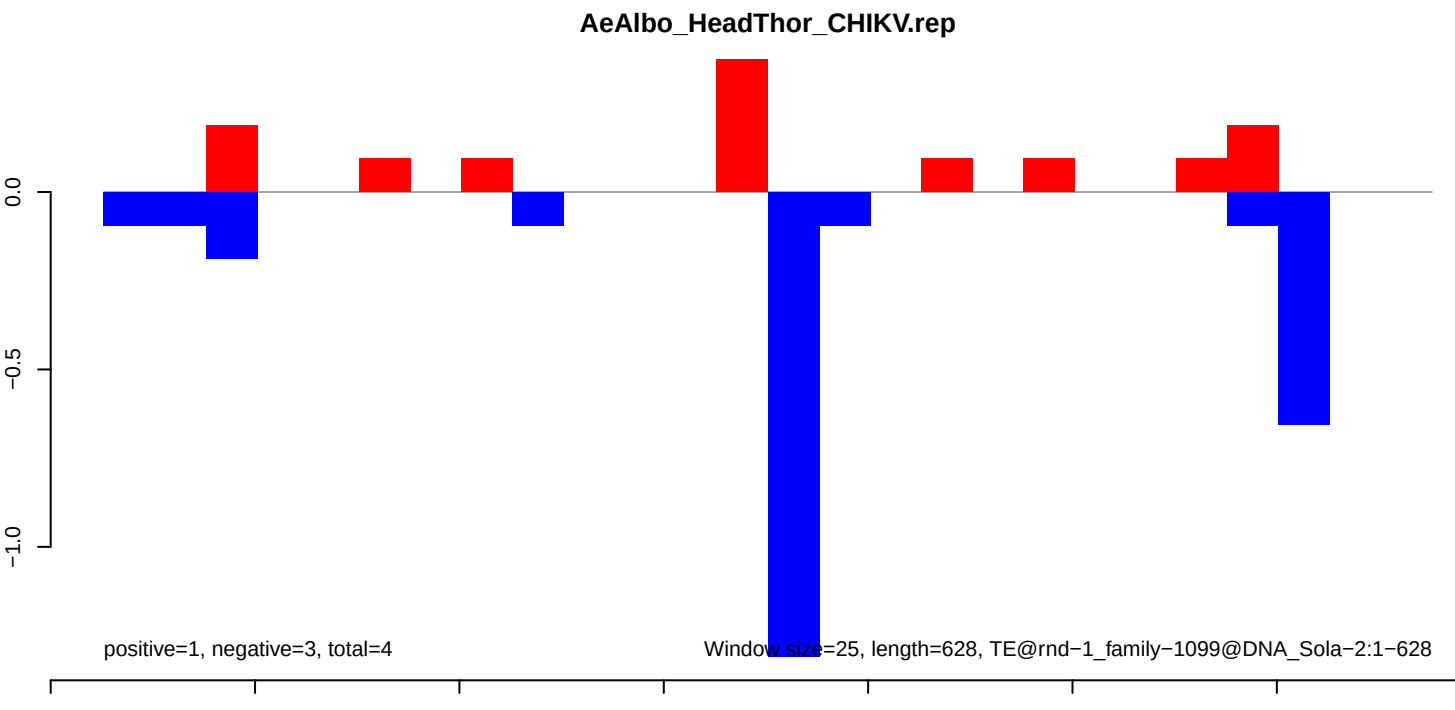

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
positive=19, negative=14, total=33

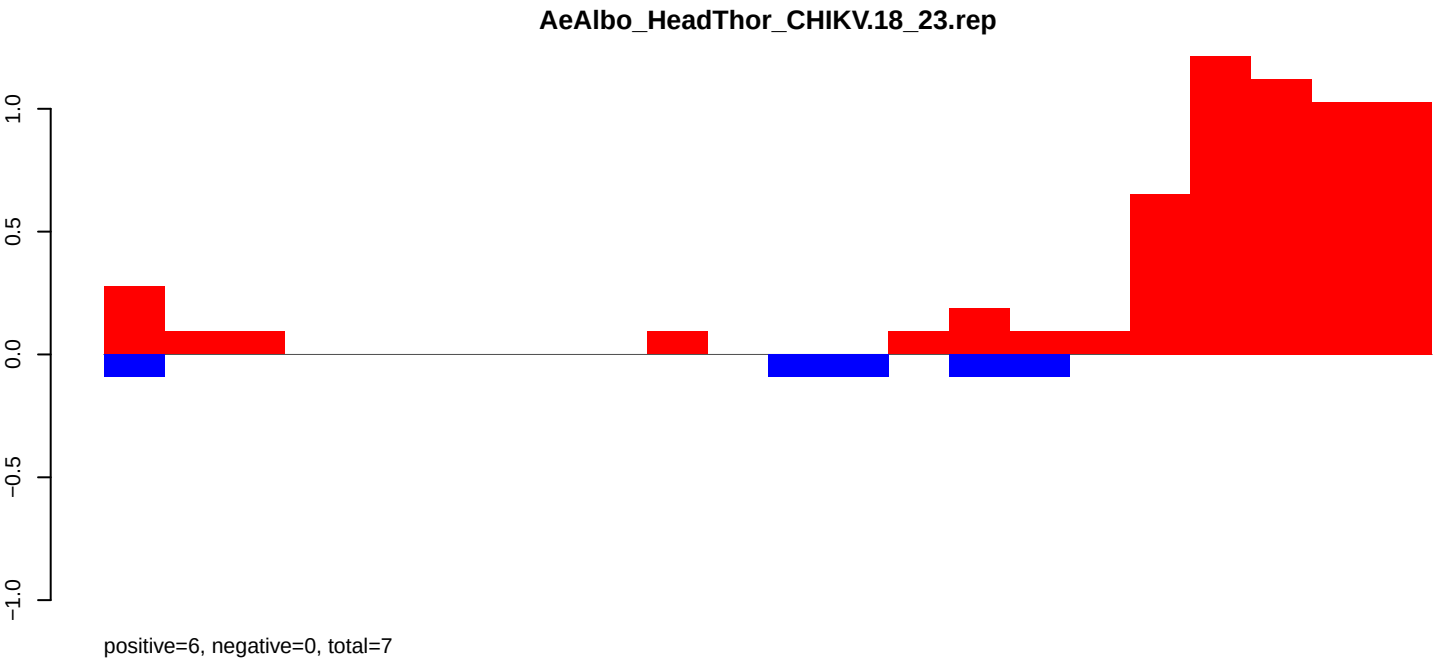

AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
positive=2, negative=5, total=7

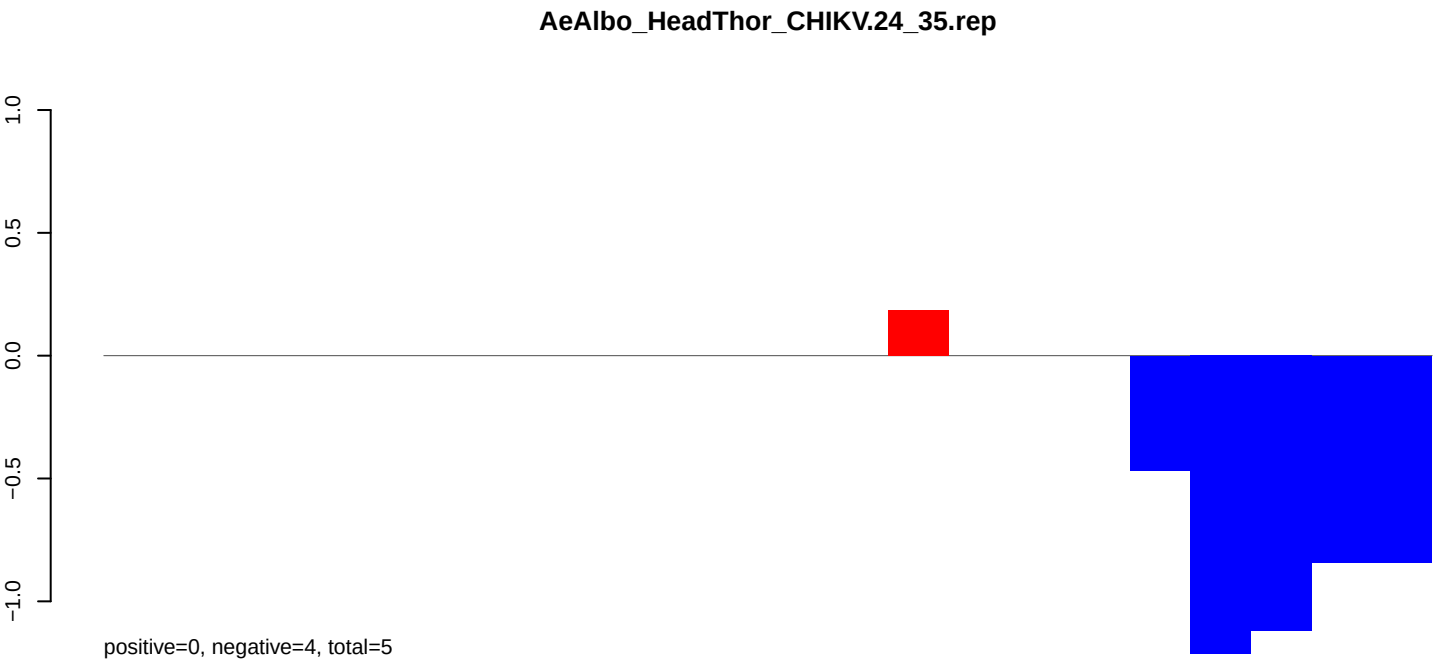

AeAlbo_HeadThor_CHIKV.rep
10
5
0
−5
−10
positive=21, negative=19, total=40
Window size=25, length=823, TE@rnd−1_family−123@SINE_tRNA:1−823
0
200
400
600
800

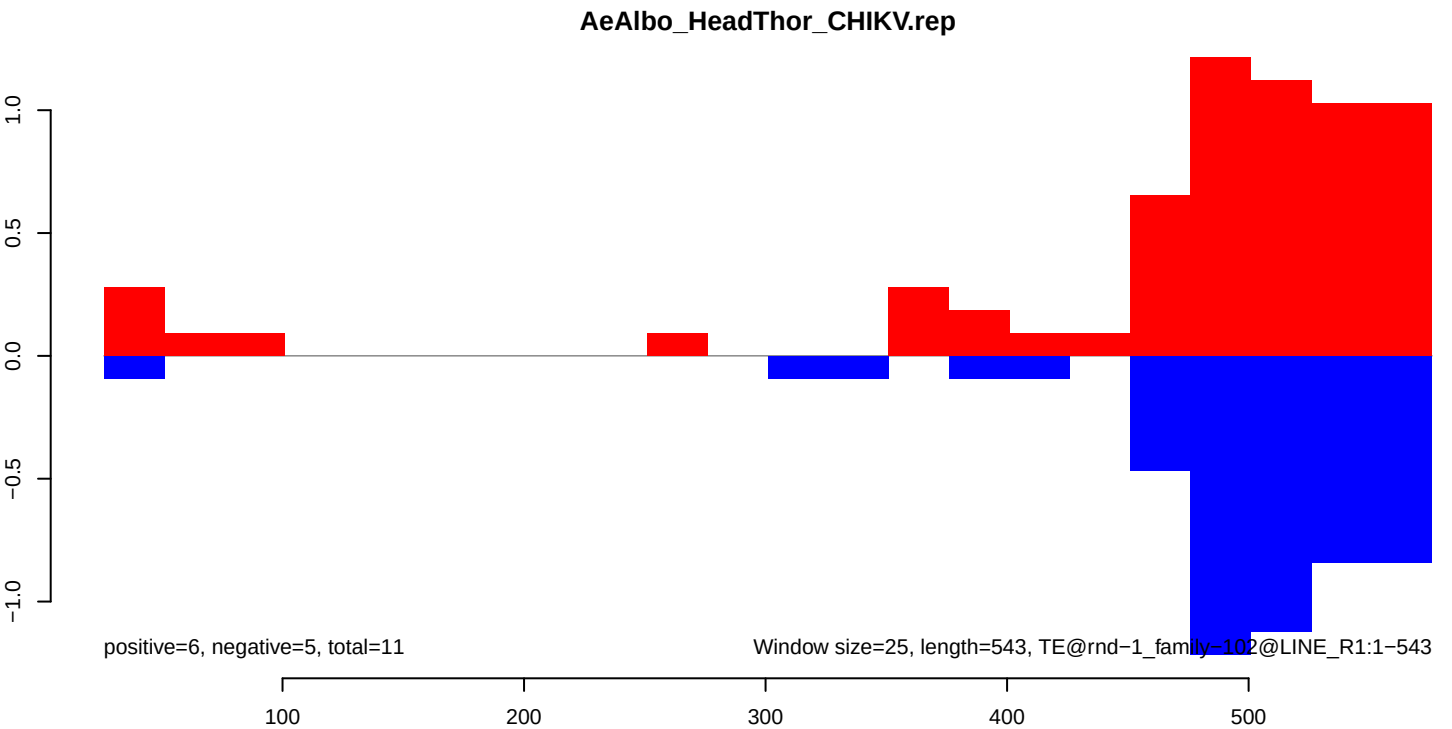

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=1, negative=2, total=4

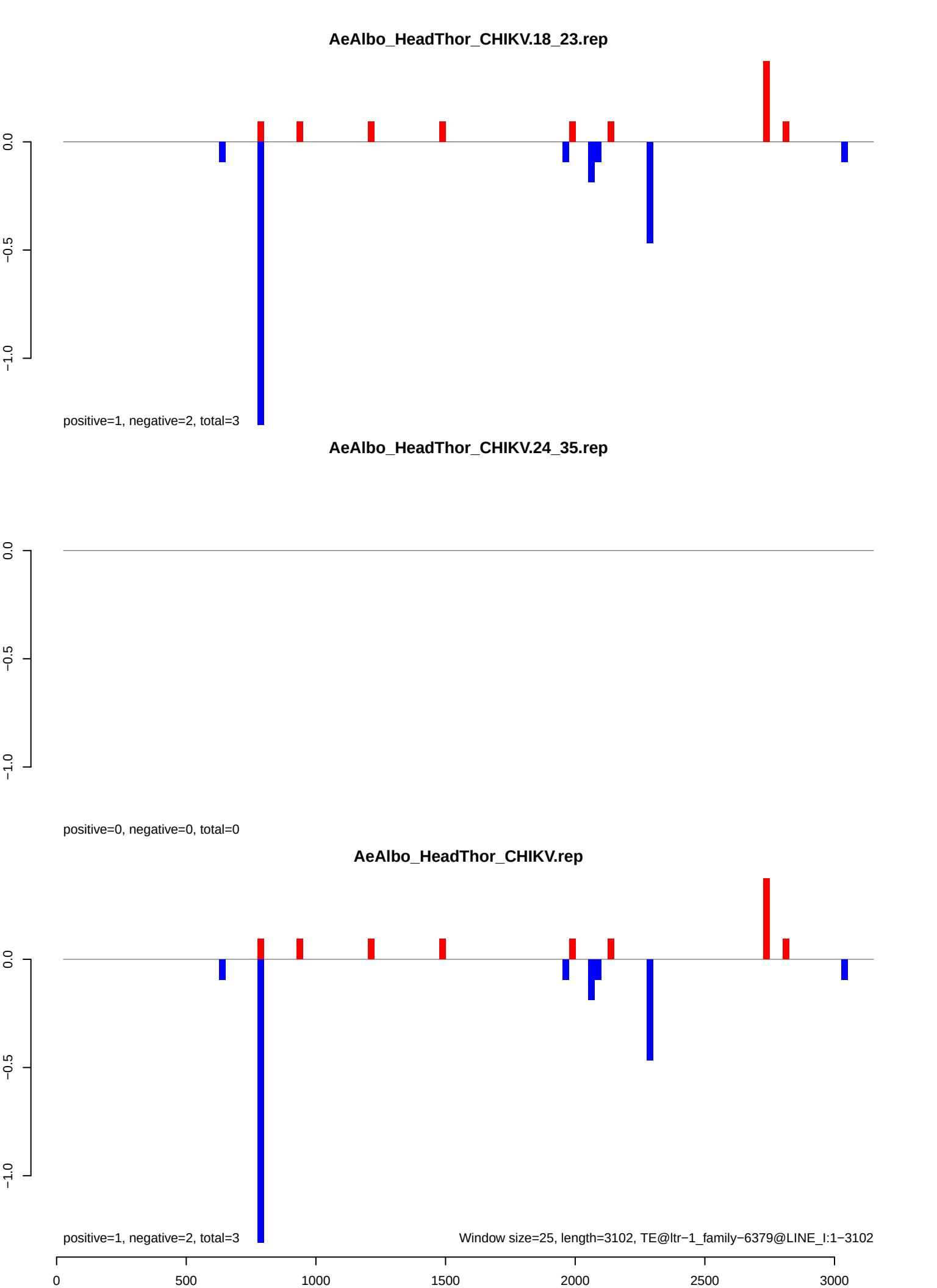
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0

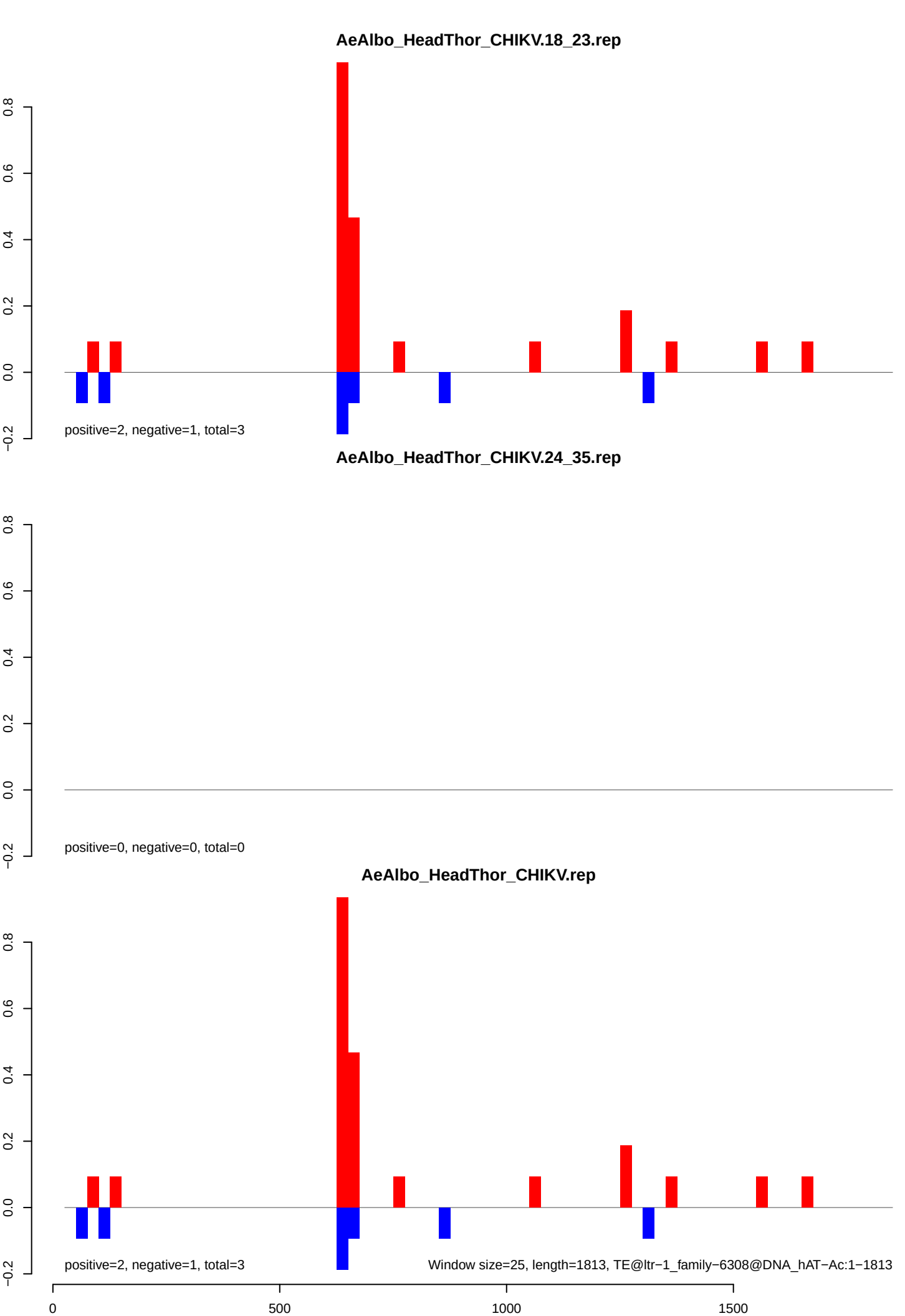

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=1, negative=3, total=4
Window size=25, length=628, TE@rnd−1_family−1099@DNA_Sola−2:1−628
0
100
200
300
400
500
600
700

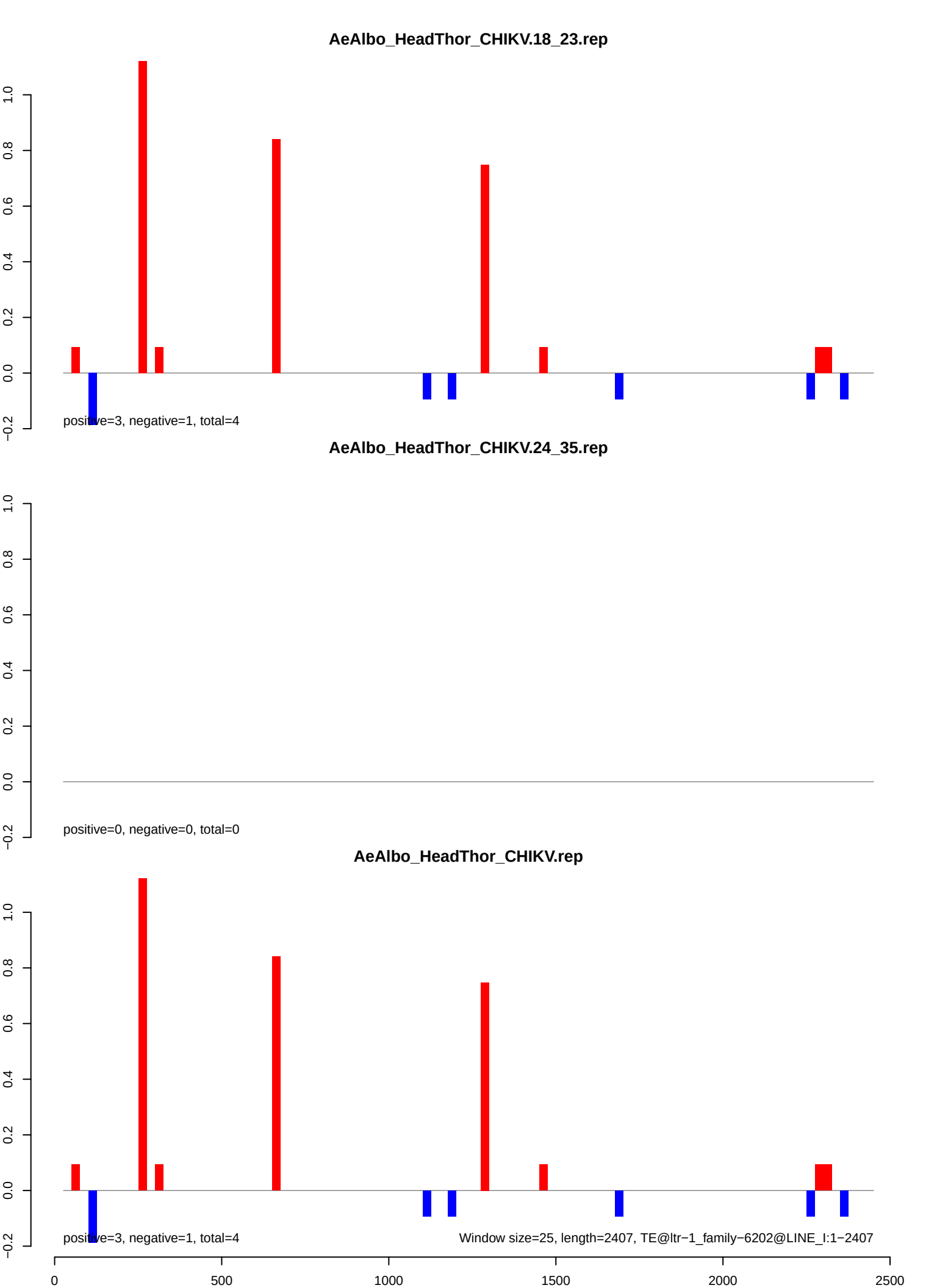

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=6, negative=0, total=7

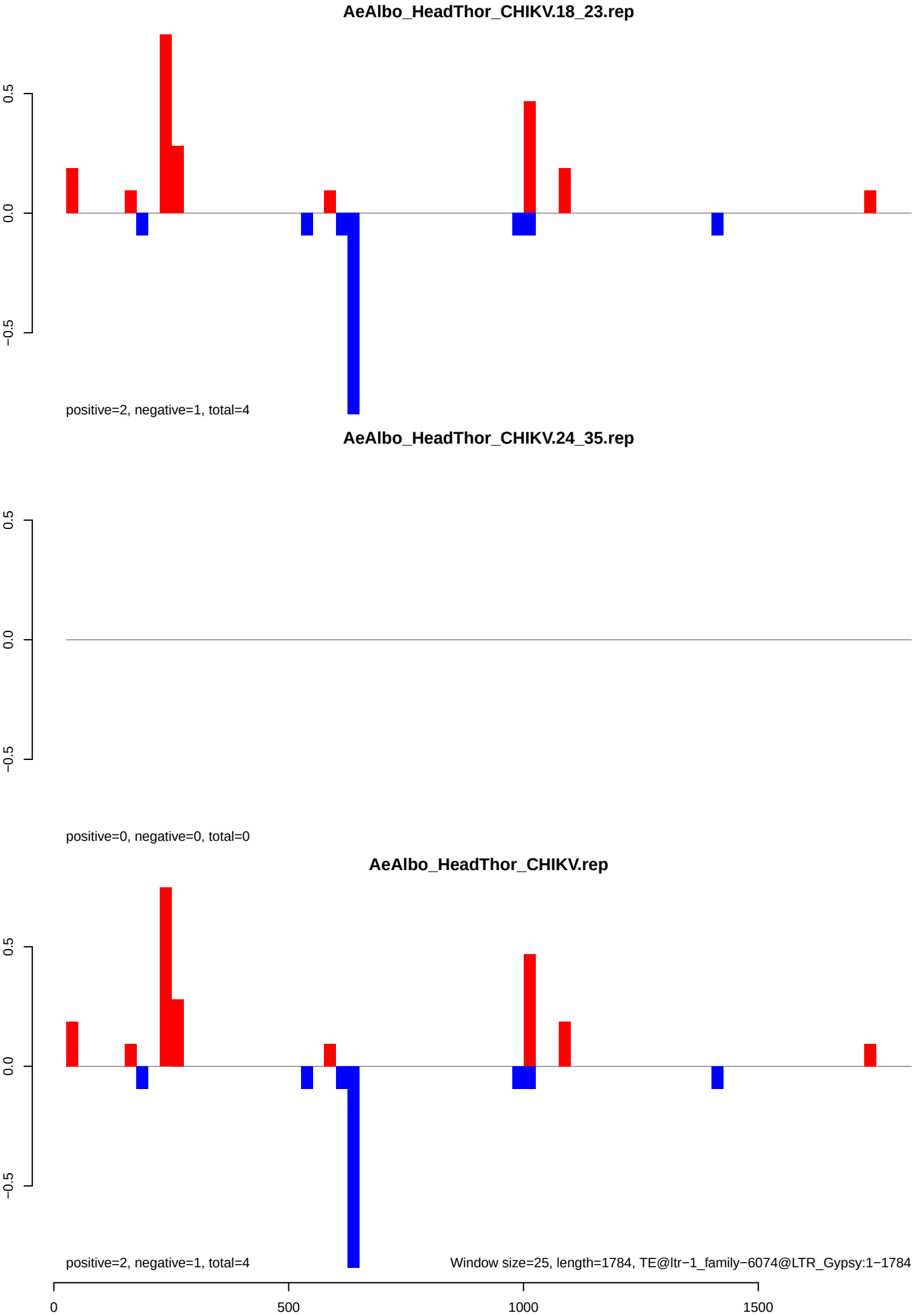

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=4, total=5

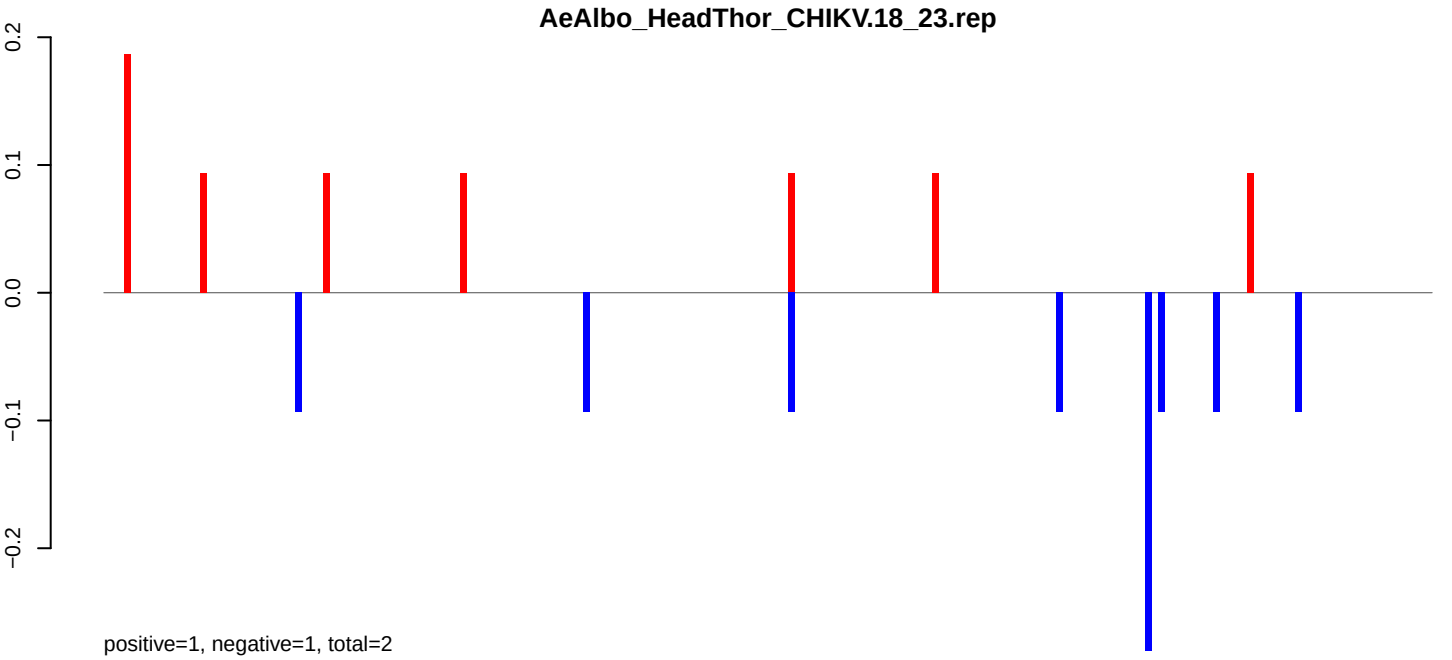

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=6, negative=5, total=11
Window size=25, length=543, TE@rnd−1_family−102@LINE_R1:1−543
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=1, negative=2, total=3
Window size=25, length=3102, TE@ltr−1_family−6379@LINE_I:1−3102
0
500
1000
1500
2000
2500
3000

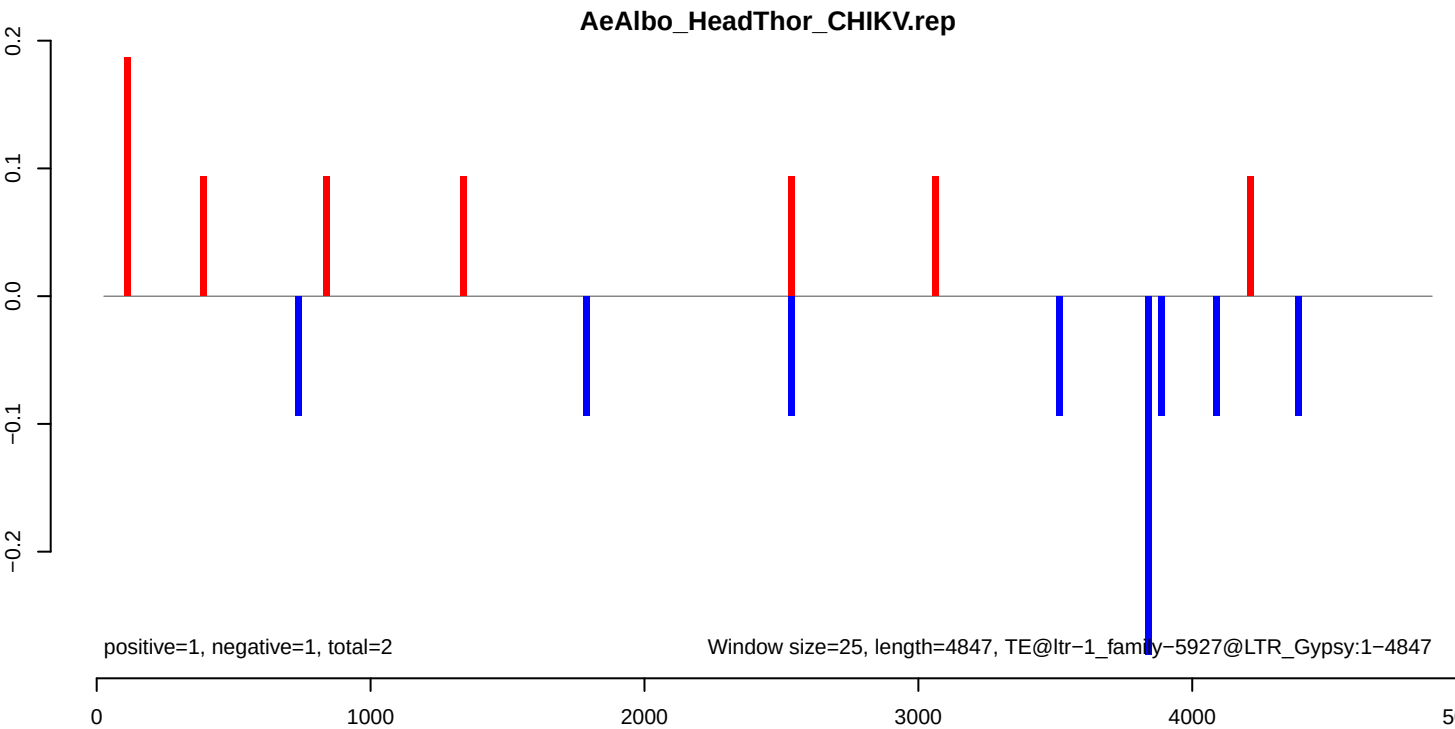

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=1813, TE@ltr−1_family−6308@DNA_hAT−Ac:1−1813
0
500
1000
1500
−0.2
0.0
0.2
0.4
0.6
0.8

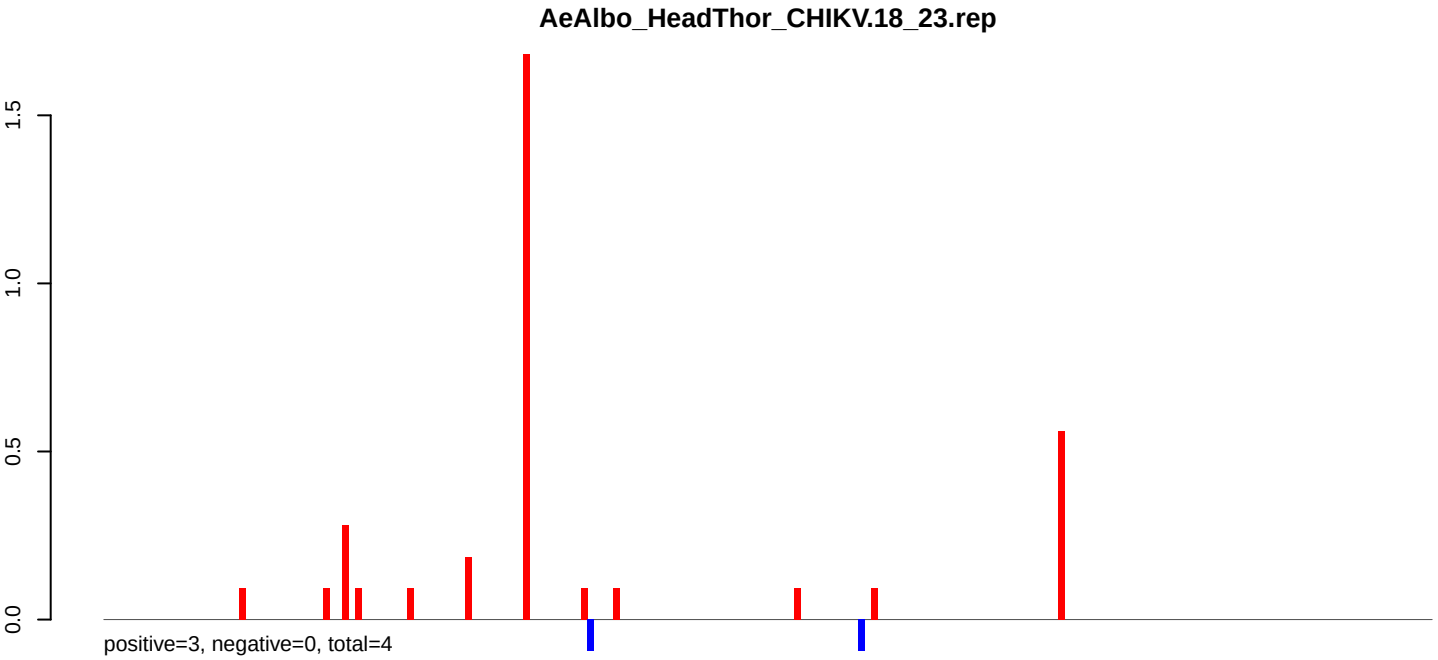

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=2407, TE@ltr−1_family−6202@LINE_I:1−2407
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
500
1000
1500
2000
2500

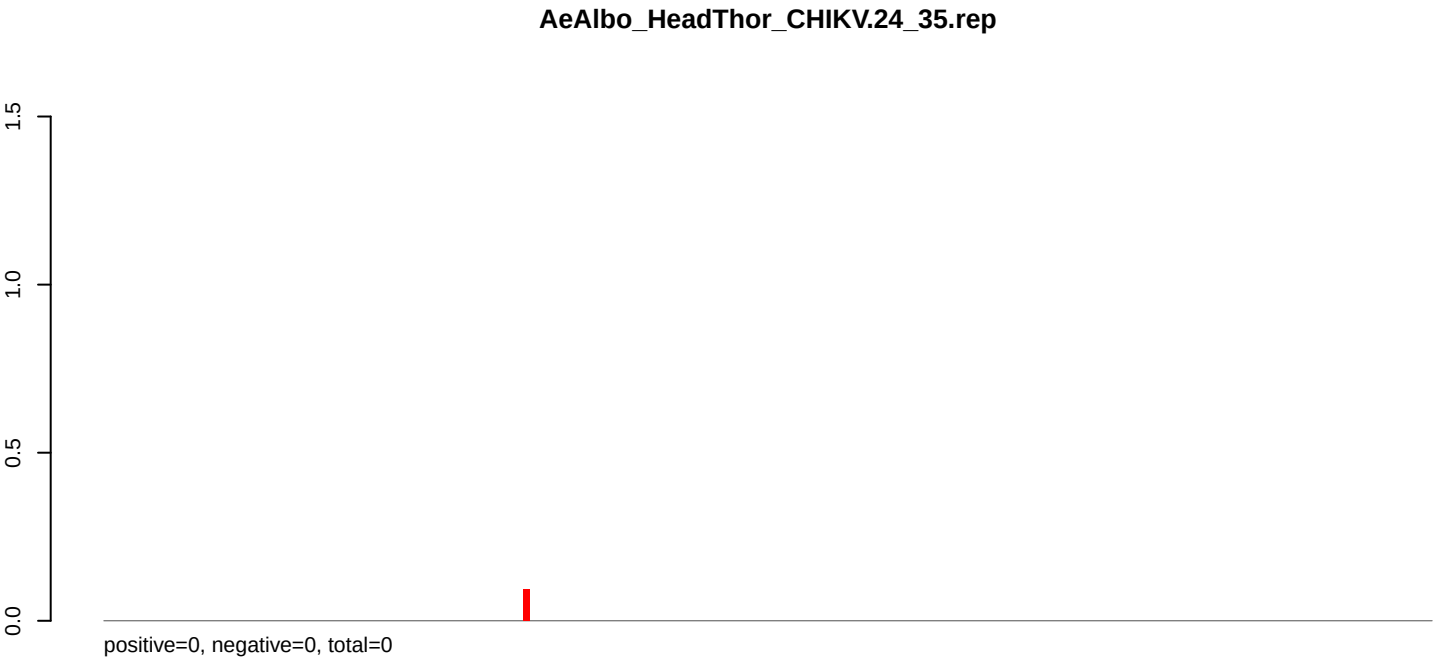

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=2, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=2, negative=1, total=4
Window size=25, length=1784, TE@ltr−1_family−6074@LTR_Gypsy:1−1784
0
500
1000
1500

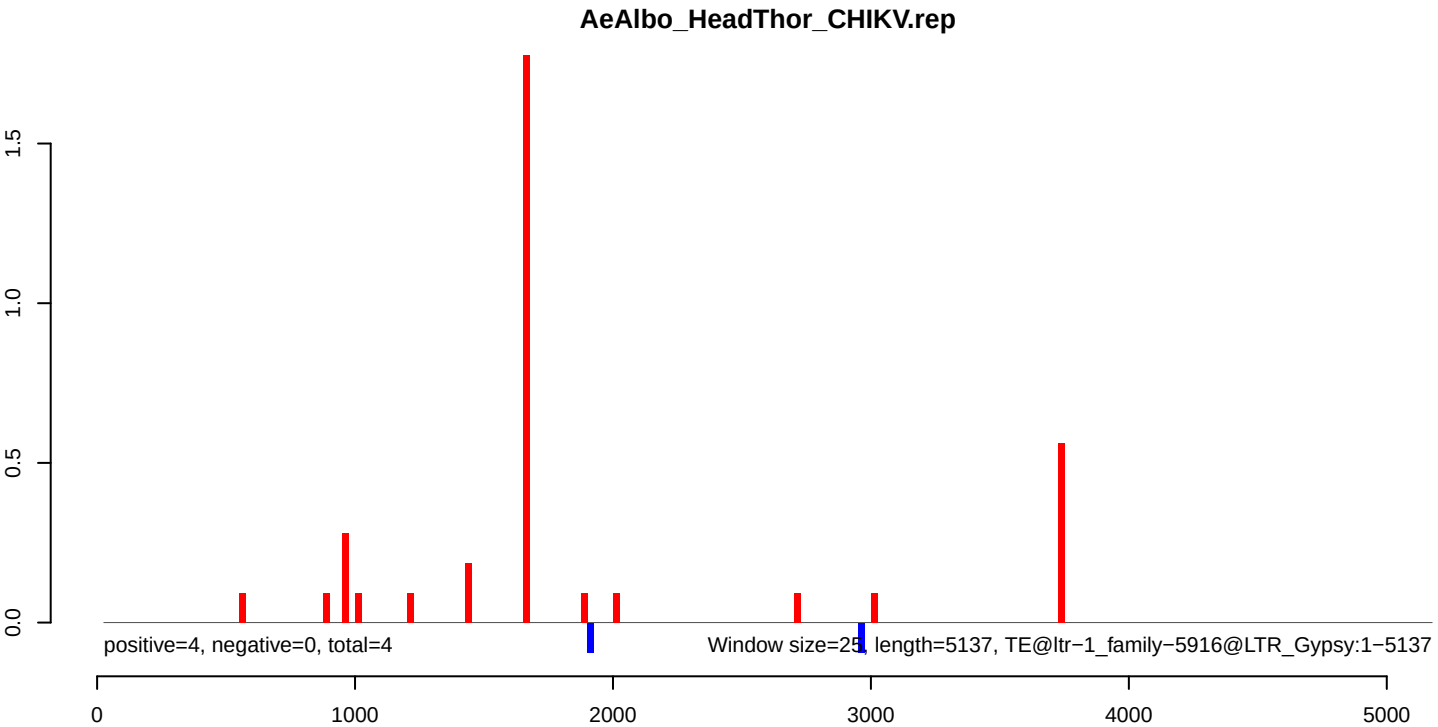

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2

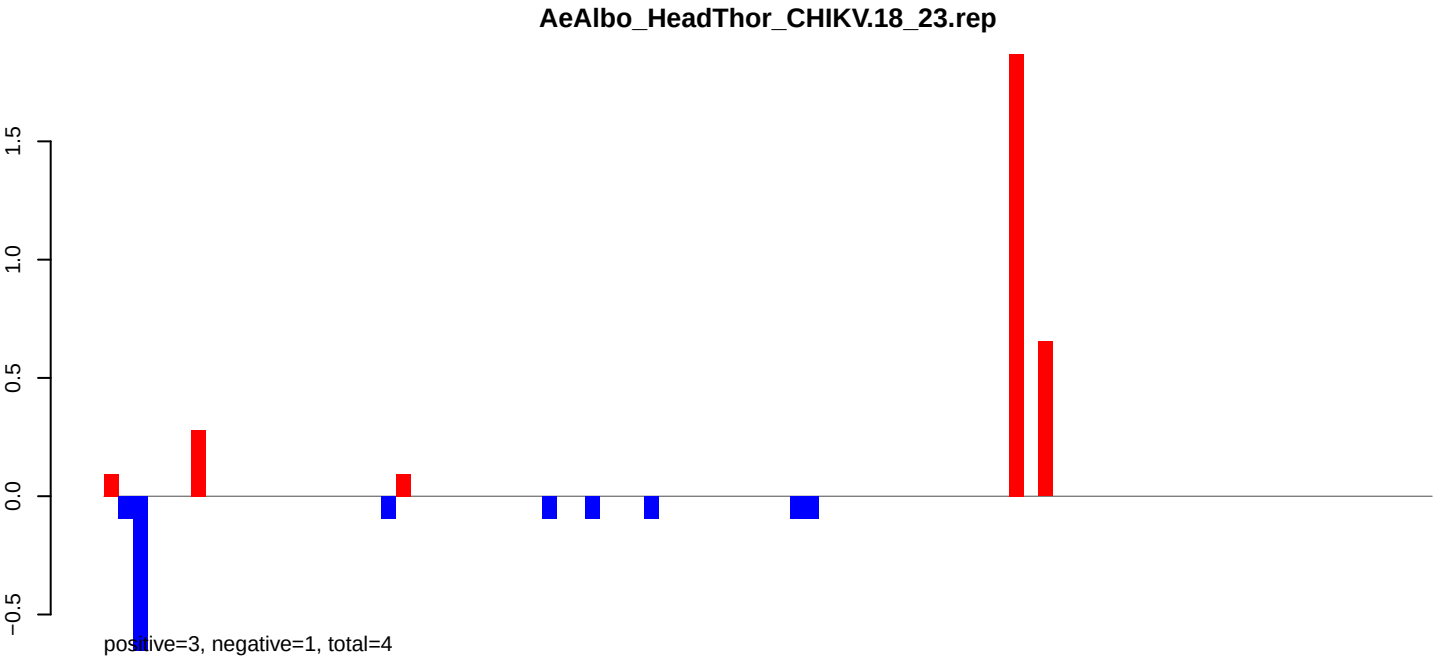
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

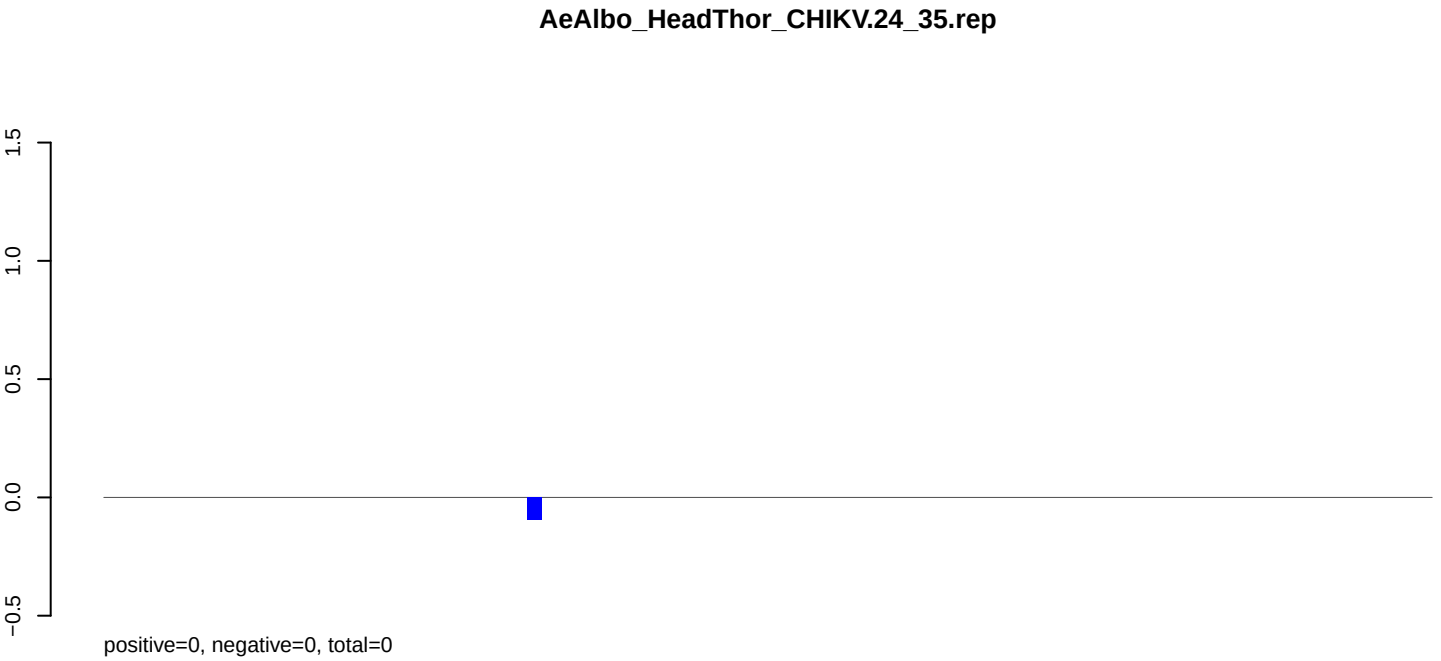

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=4847, TE@ltr−1_family−5927@LTR_Gypsy:1−4847
0
1000
2000
3000
4000
5000

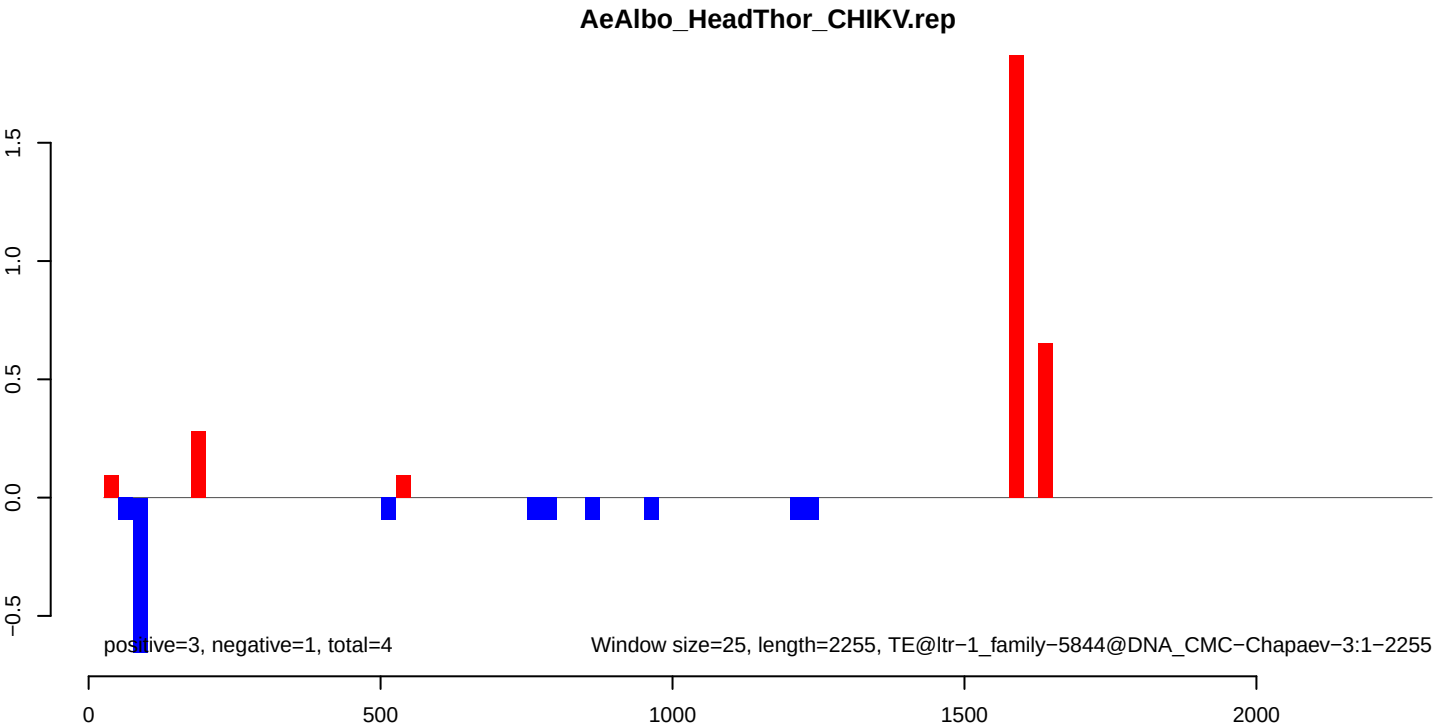

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=0, total=4

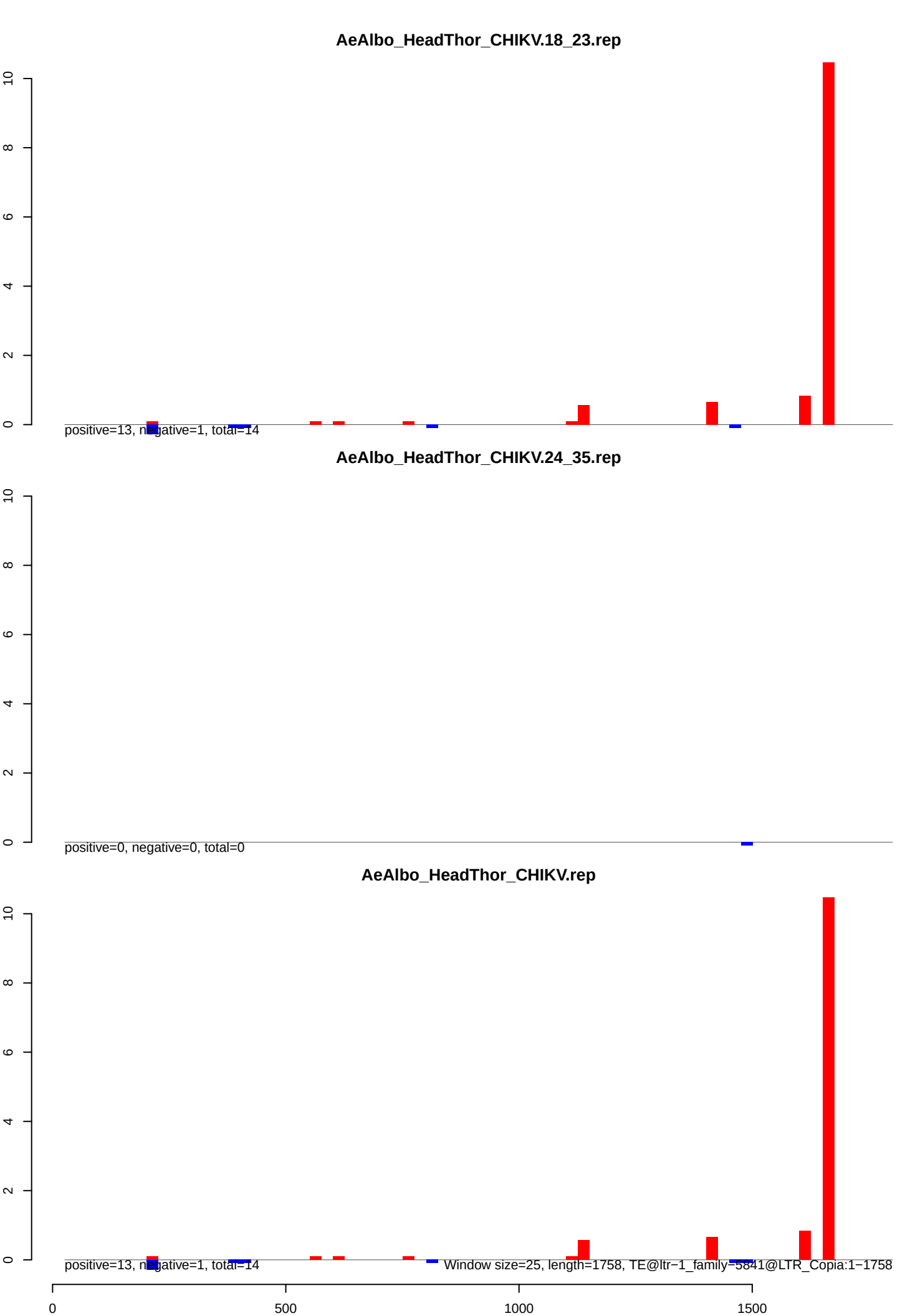

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

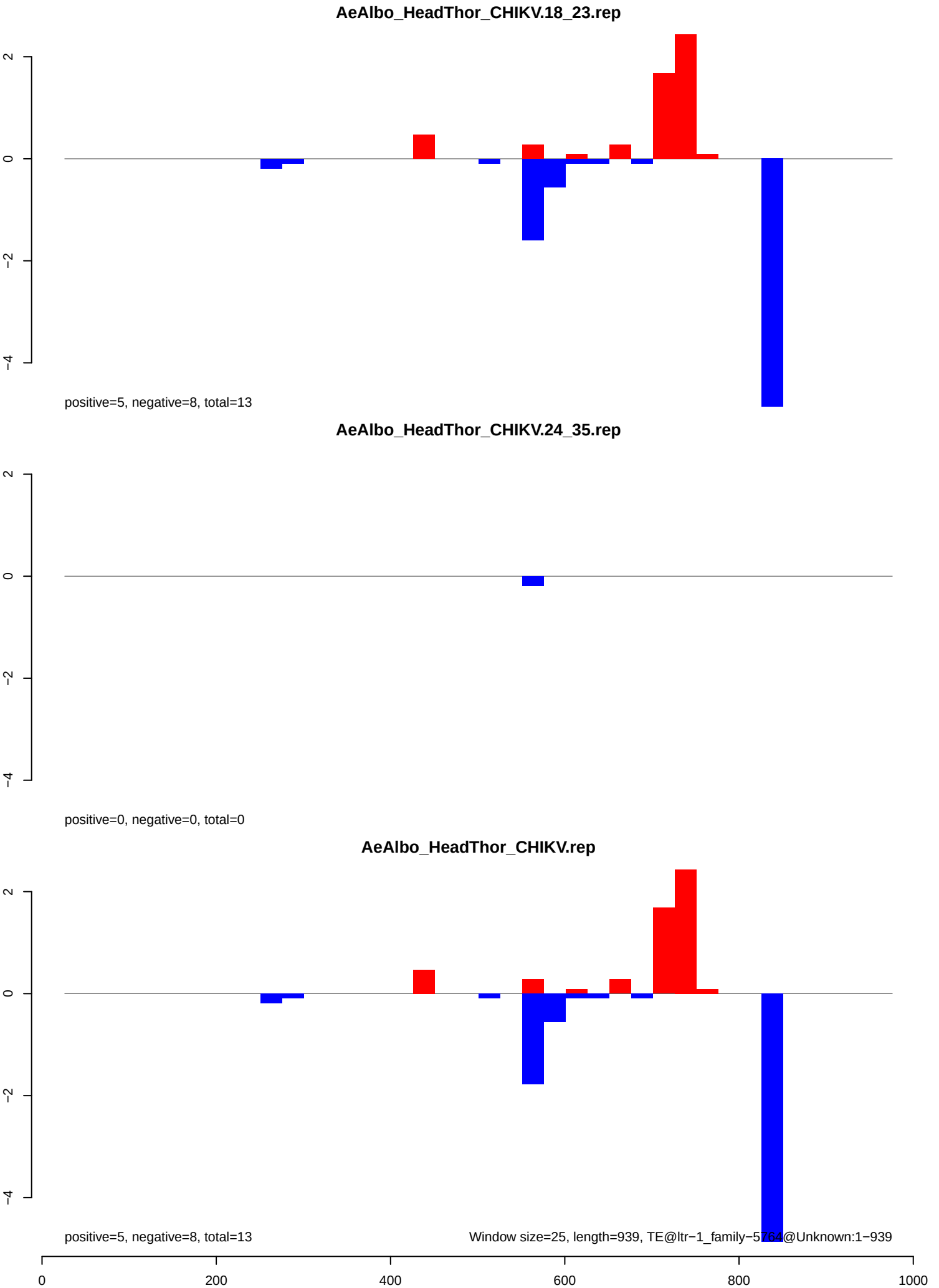

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=4, negative=0, total=4
Window size=25, length=5137, TE@ltr−1_family−5916@LTR_Gypsy:1−5137
0
1000
2000
3000
4000
5000

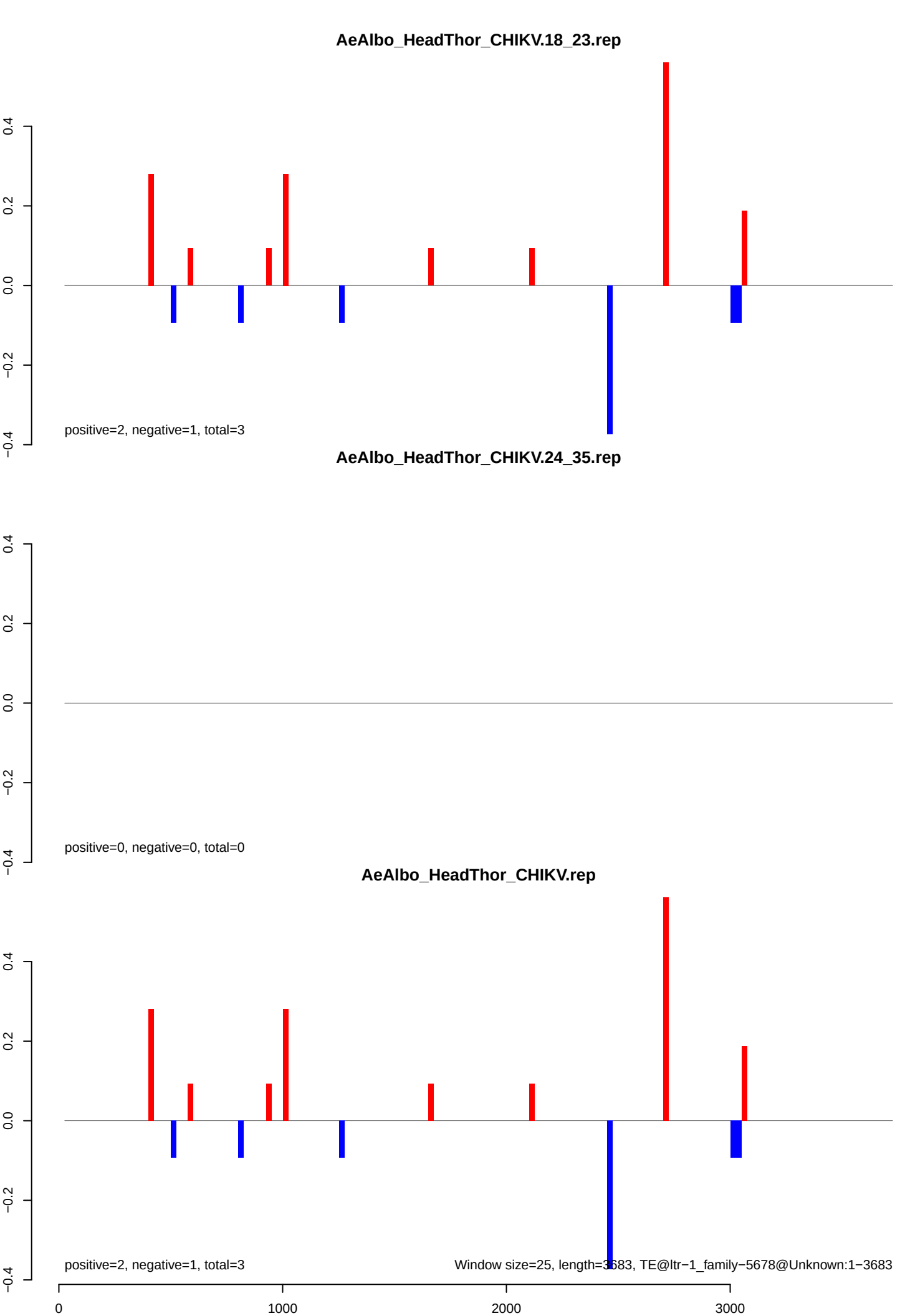

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=1, total=4

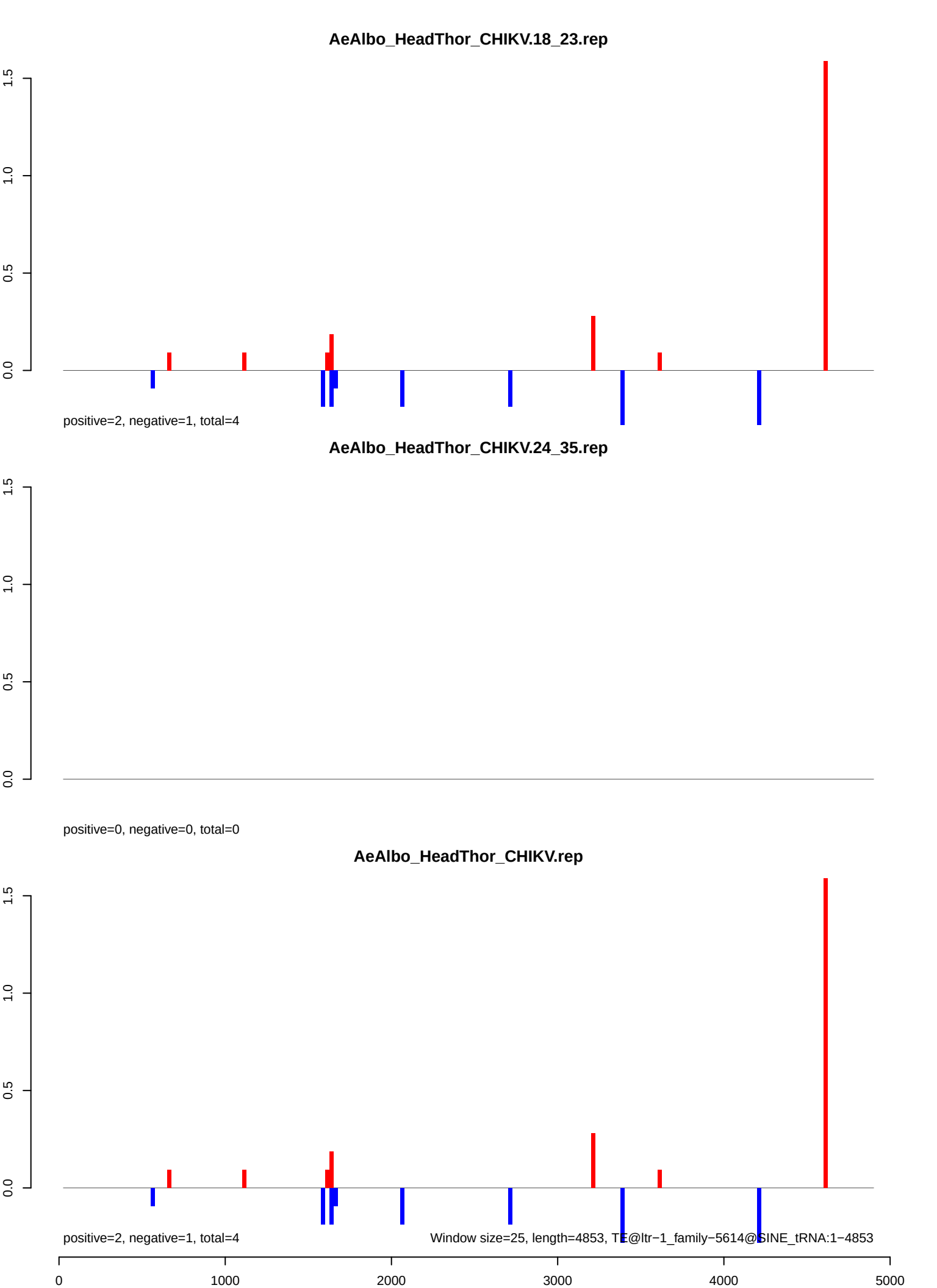

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

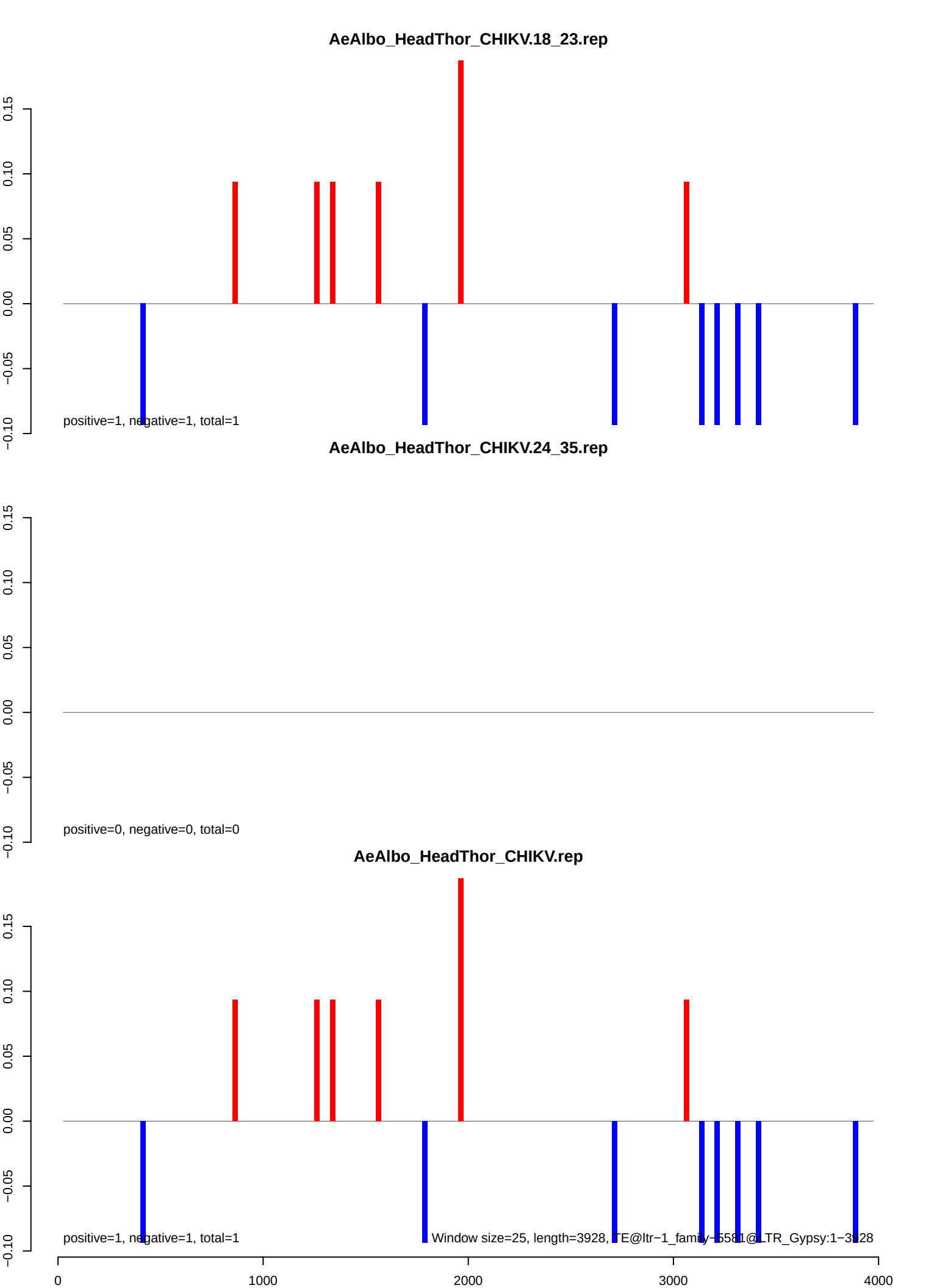

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=1, total=4
Window size=25, length=2255, TE@ltr−1_family−5844@DNA_CMC−Chapaev−3:1−2255
0
500
1000
1500
2000

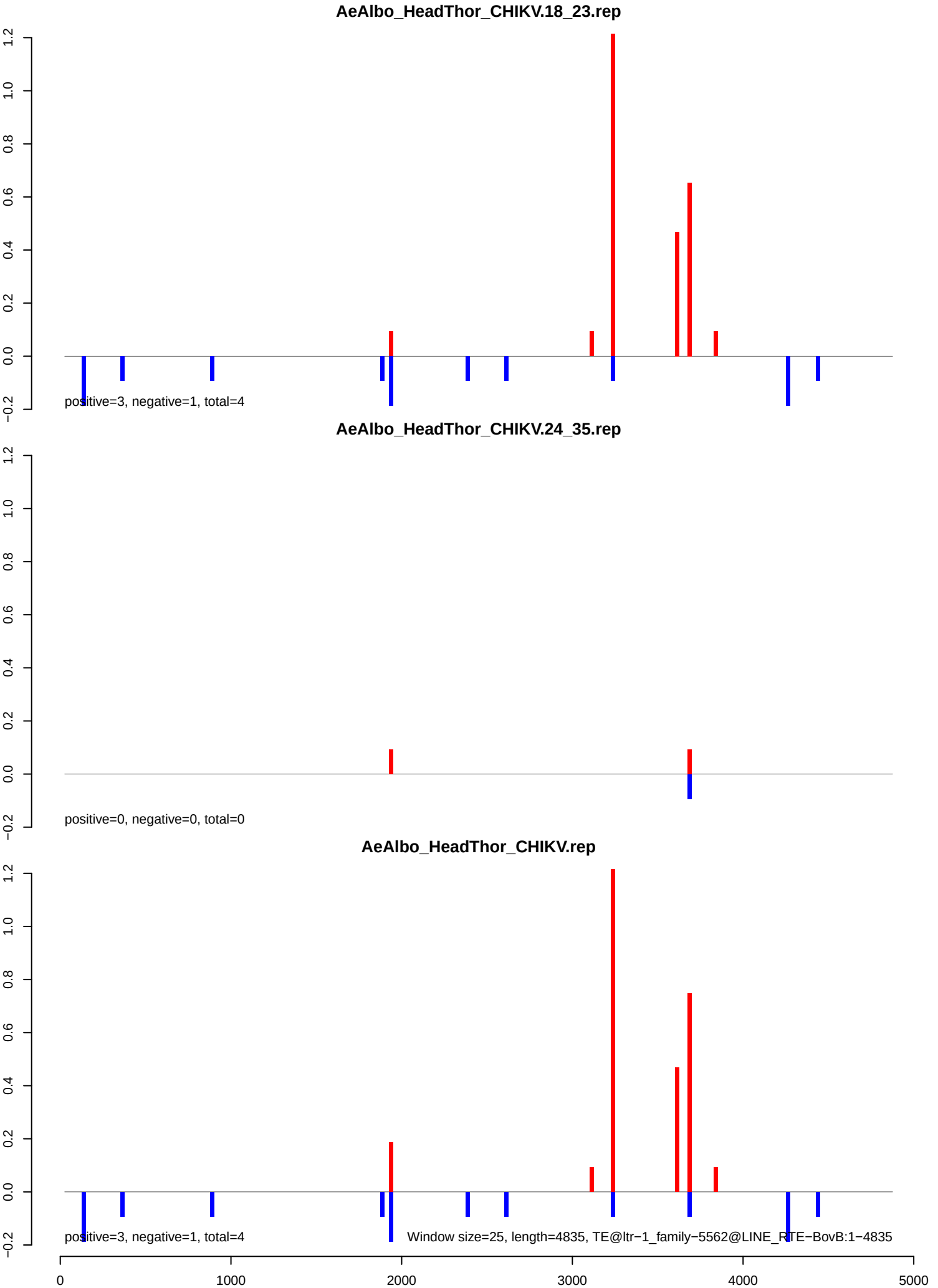

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
10
positive=13, negative=1, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
10
positive=13, negative=1, total=14
Window size=25, length=1758, TE@ltr−1_family−5841@LTR_Copia:1−1758
0
500
1000
1500

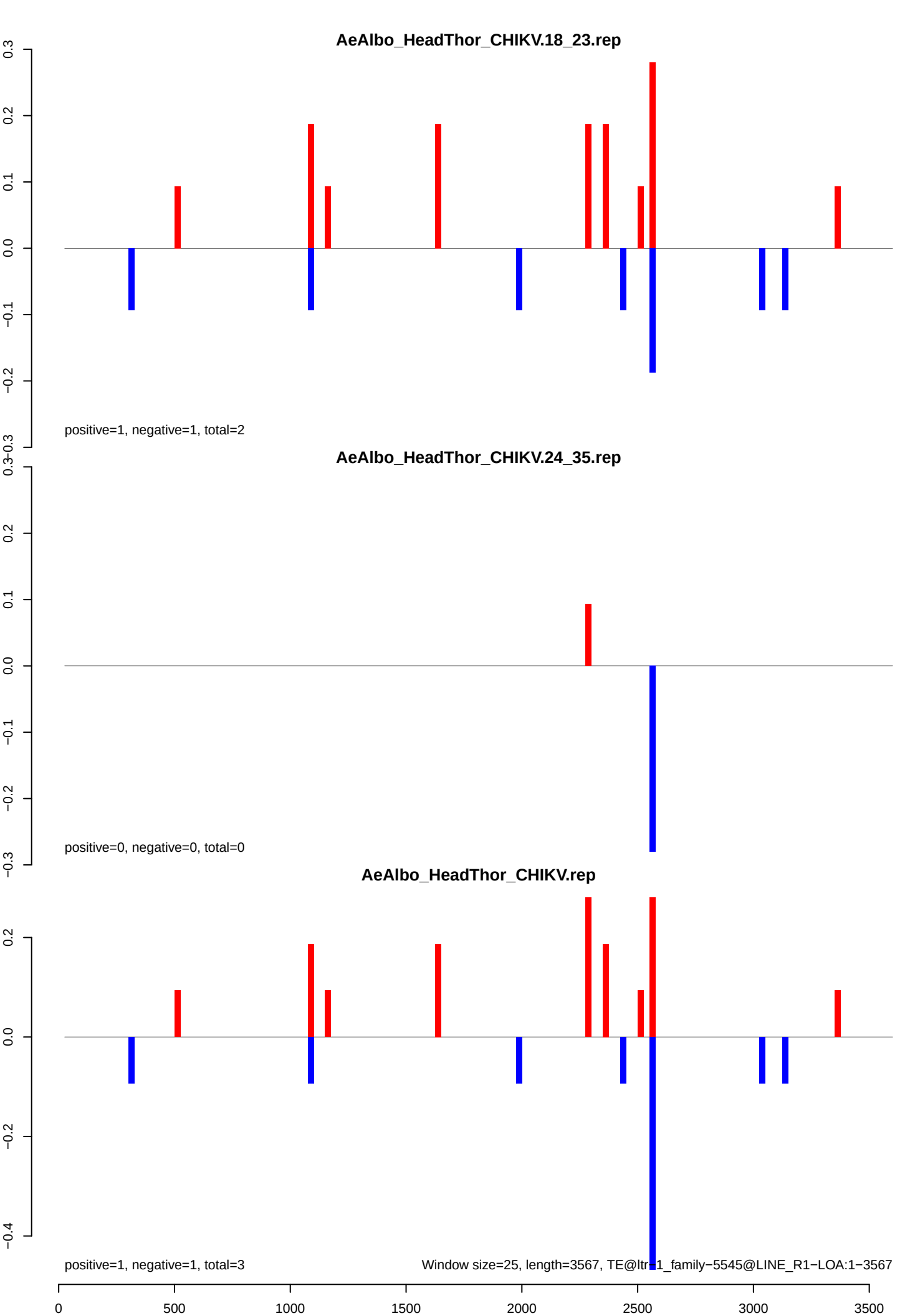

AeAlbo_HeadThor_CHIKV.18_23.rep
2
0
−2
−4
positive=5, negative=8, total=13
AeAlbo_HeadThor_CHIKV.24_35.rep
2
0
−2
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2
0
−2
−4
positive=5, negative=8, total=13
Window size=25, length=939, TE@ltr−1_family−5764@Unknown:1−939
0
200
400
600
800
1000

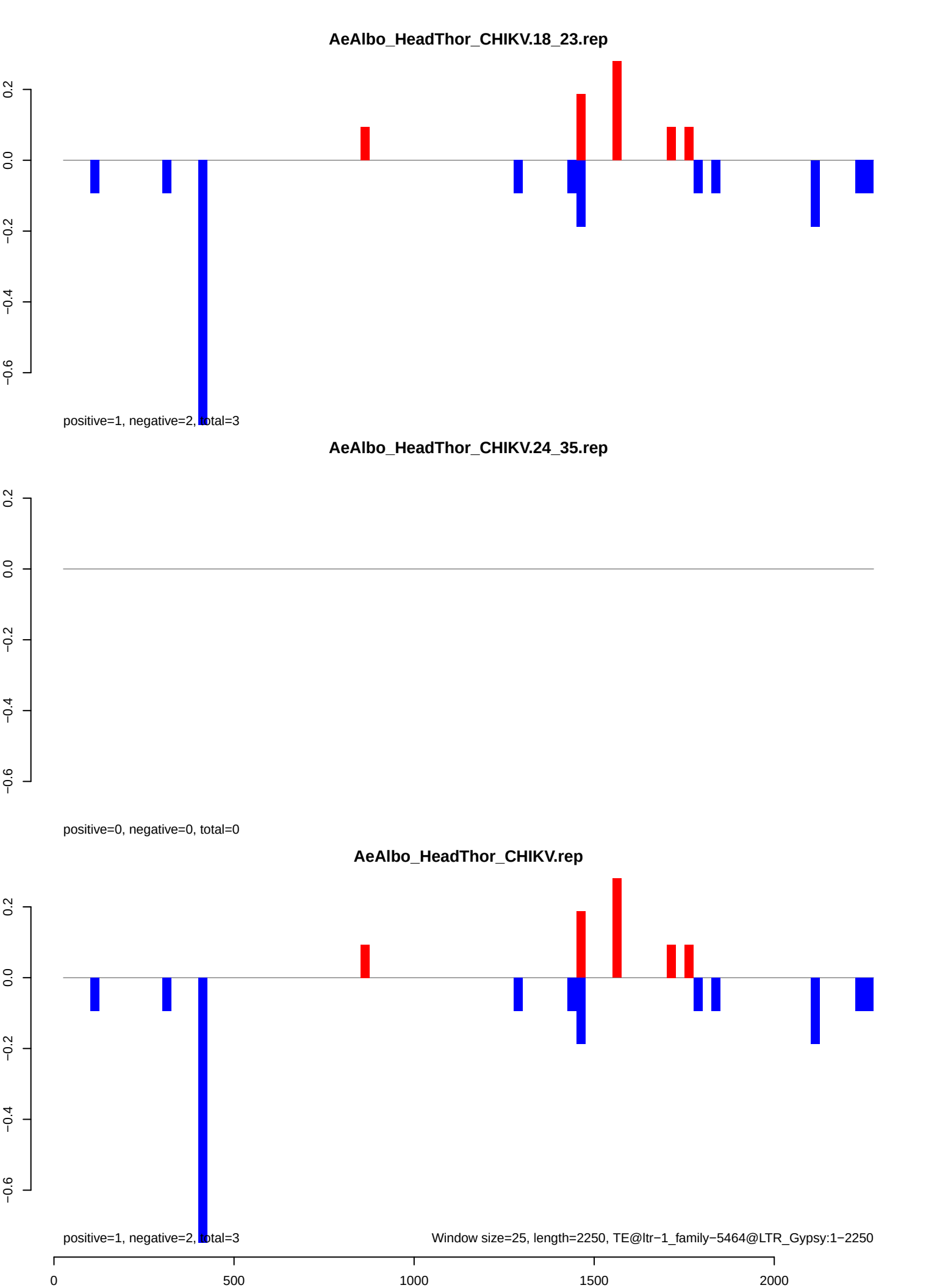

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=2, negative=1, total=3
Window size=25, length=3683, TE@ltr−1_family−5678@Unknown:1−3683
0
1000
2000
3000

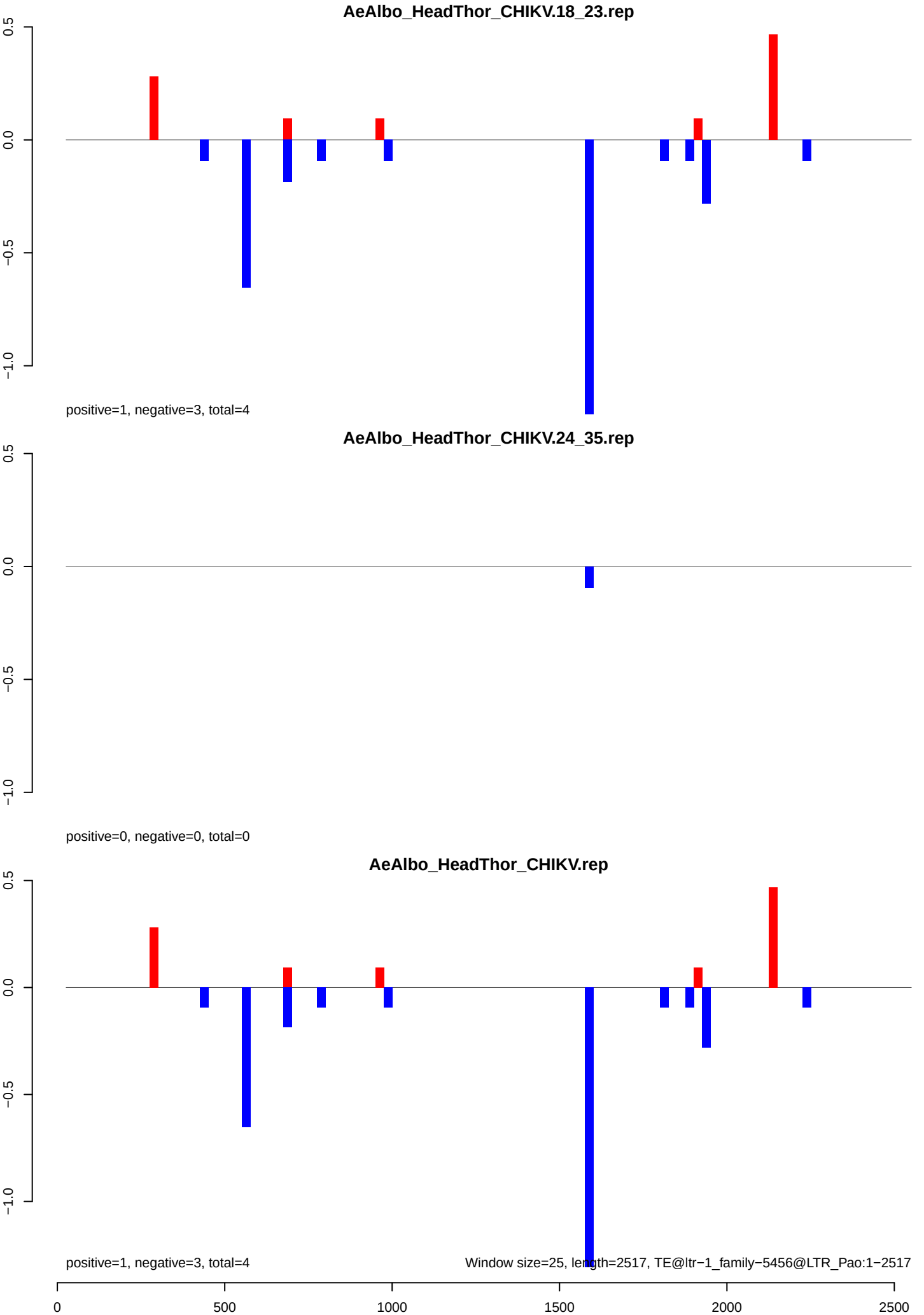

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=4
Window size=25, length=4853, TE@ltr−1_family−5614@SINE_tRNA:1−4853
0
1000
2000
3000
4000
5000

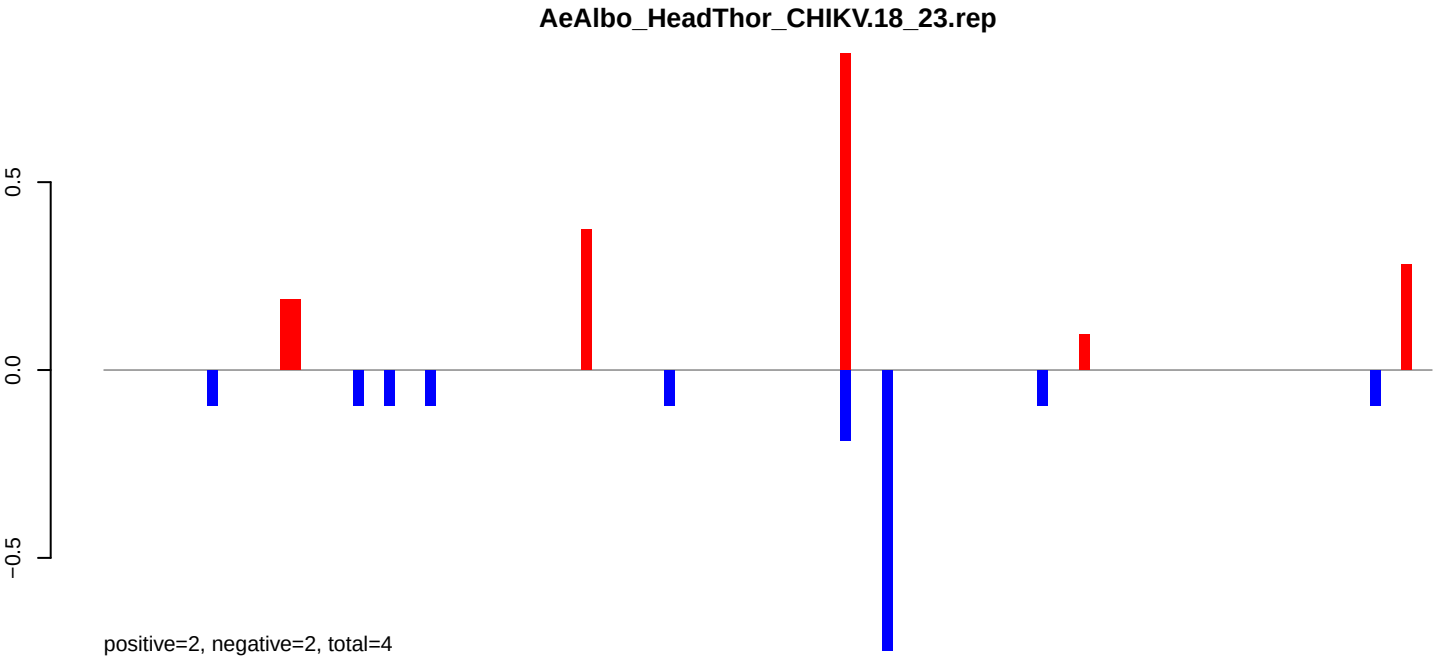

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=1
Window size=25, length=3928, TE@ltr−1_family−5581@LTR_Gypsy:1−3928
0
1000
2000
3000
4000

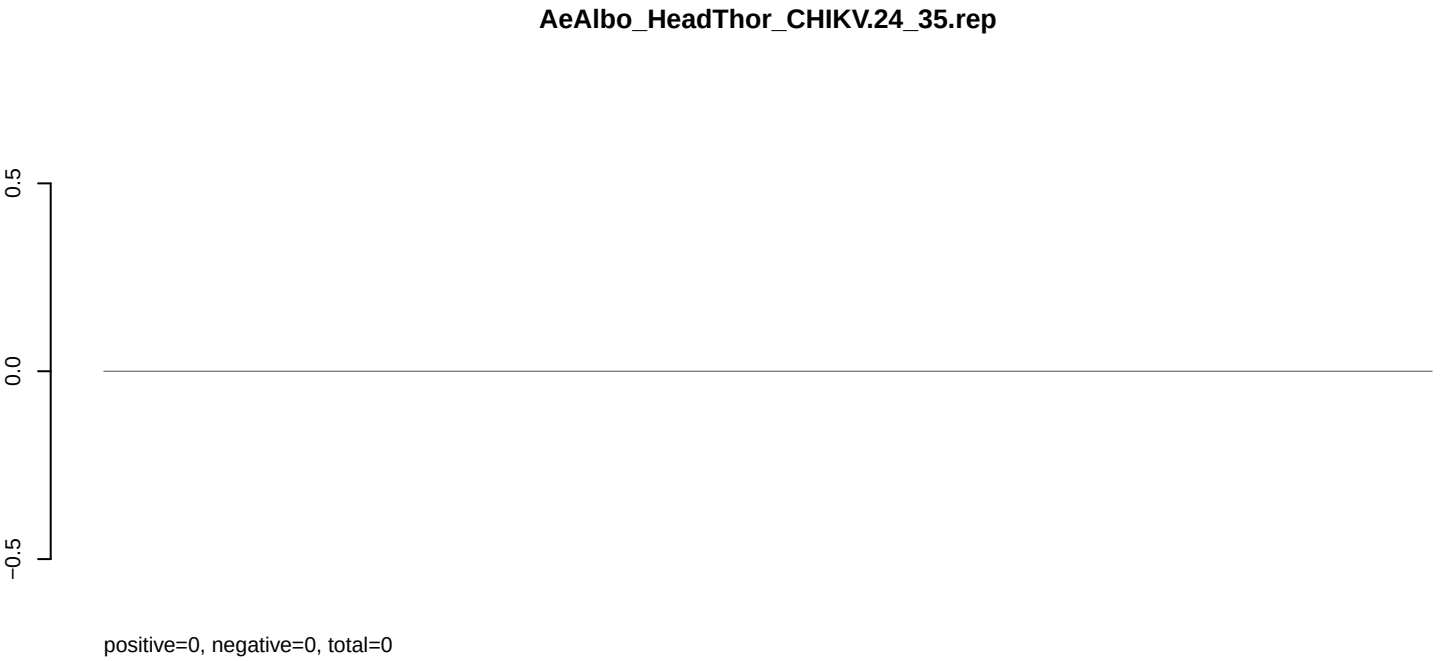

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=4835, TE@ltr−1_family−5562@LINE_RTE−BovB:1−4835
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
1000
2000
3000
4000
5000

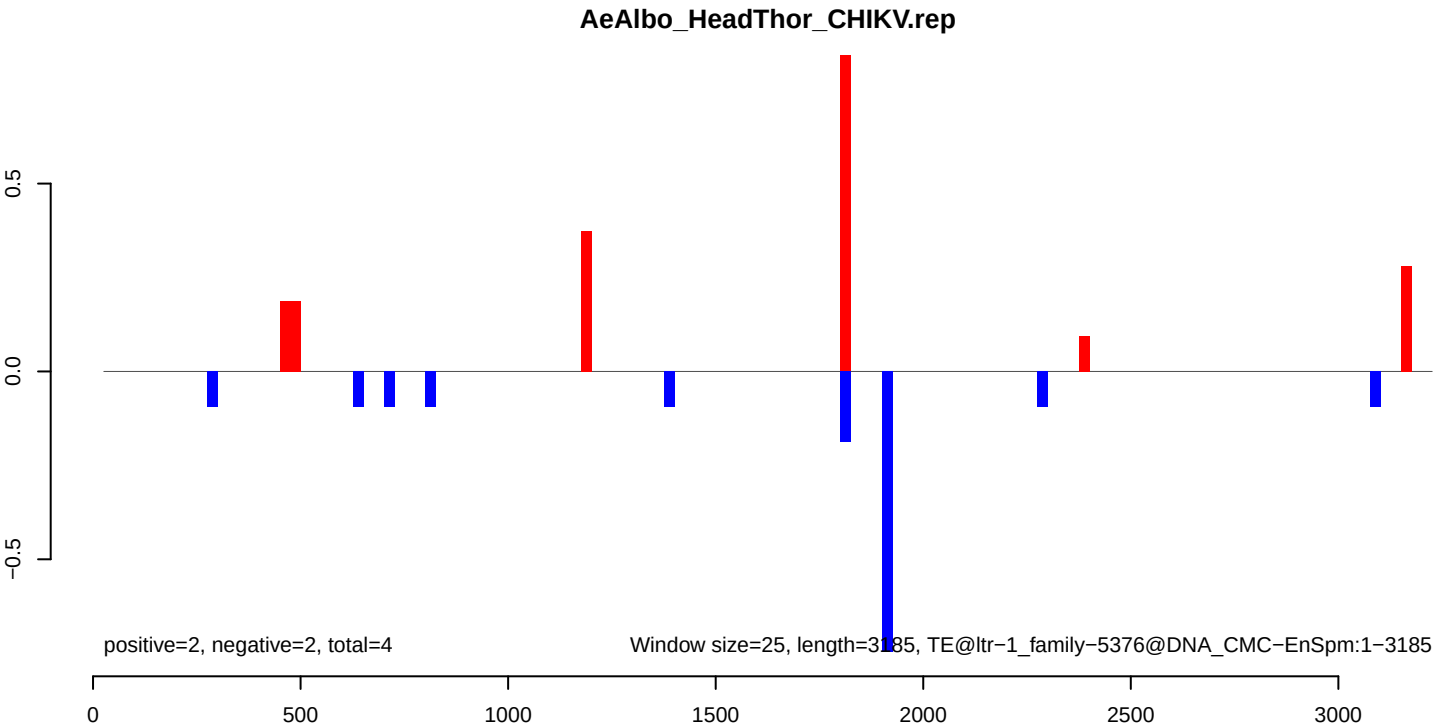

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=3
Window size=25, length=3567, TE@ltr_1_family−5545@LINE_R1−LOA:1−3567
0
500
1000
1500
2000
2500
3000
3500

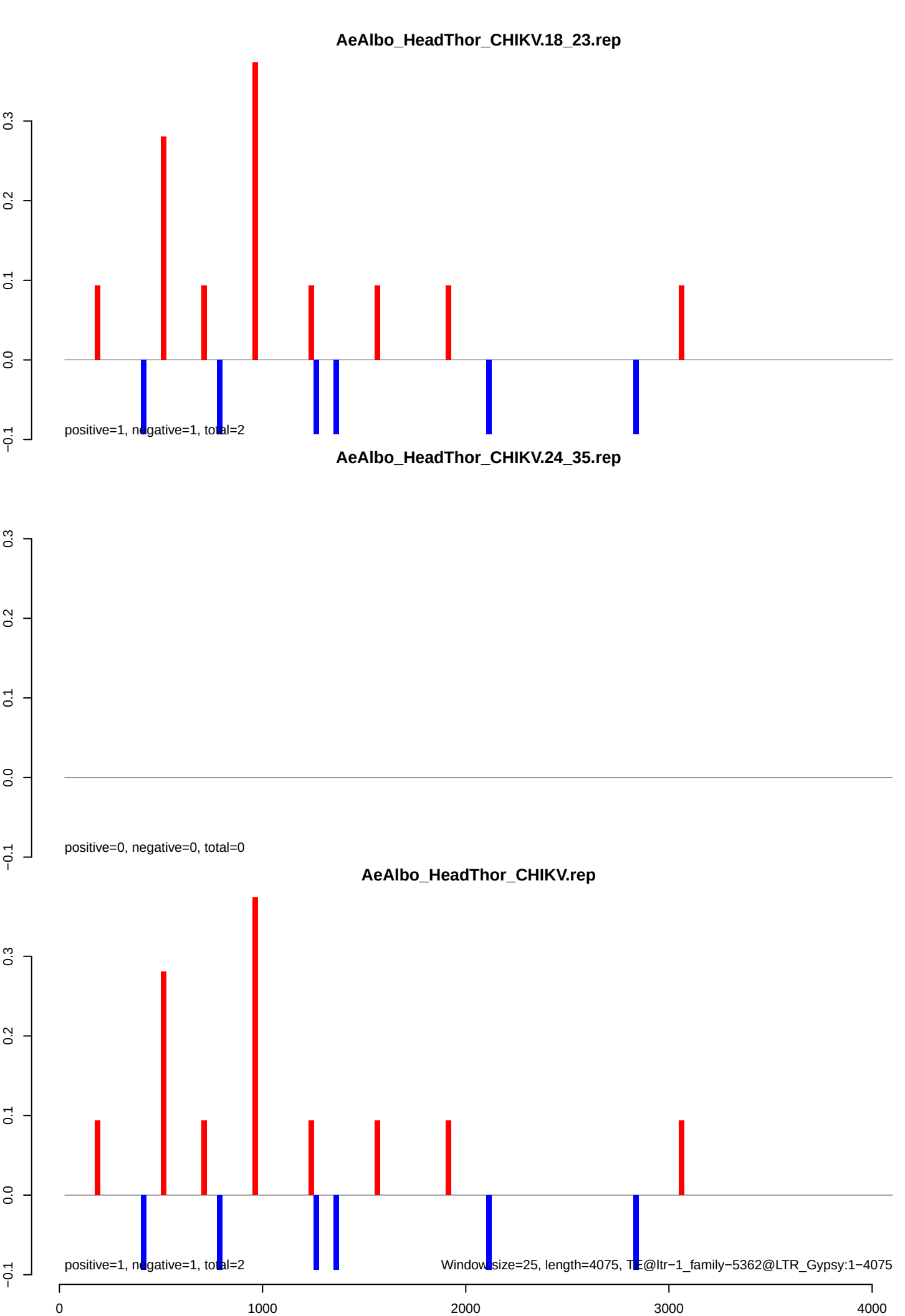

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
Window size=25, length=2250, TE@ltr−1_family−5464@LTR_Gypsy:1−2250
0
500
1000
1500
2000

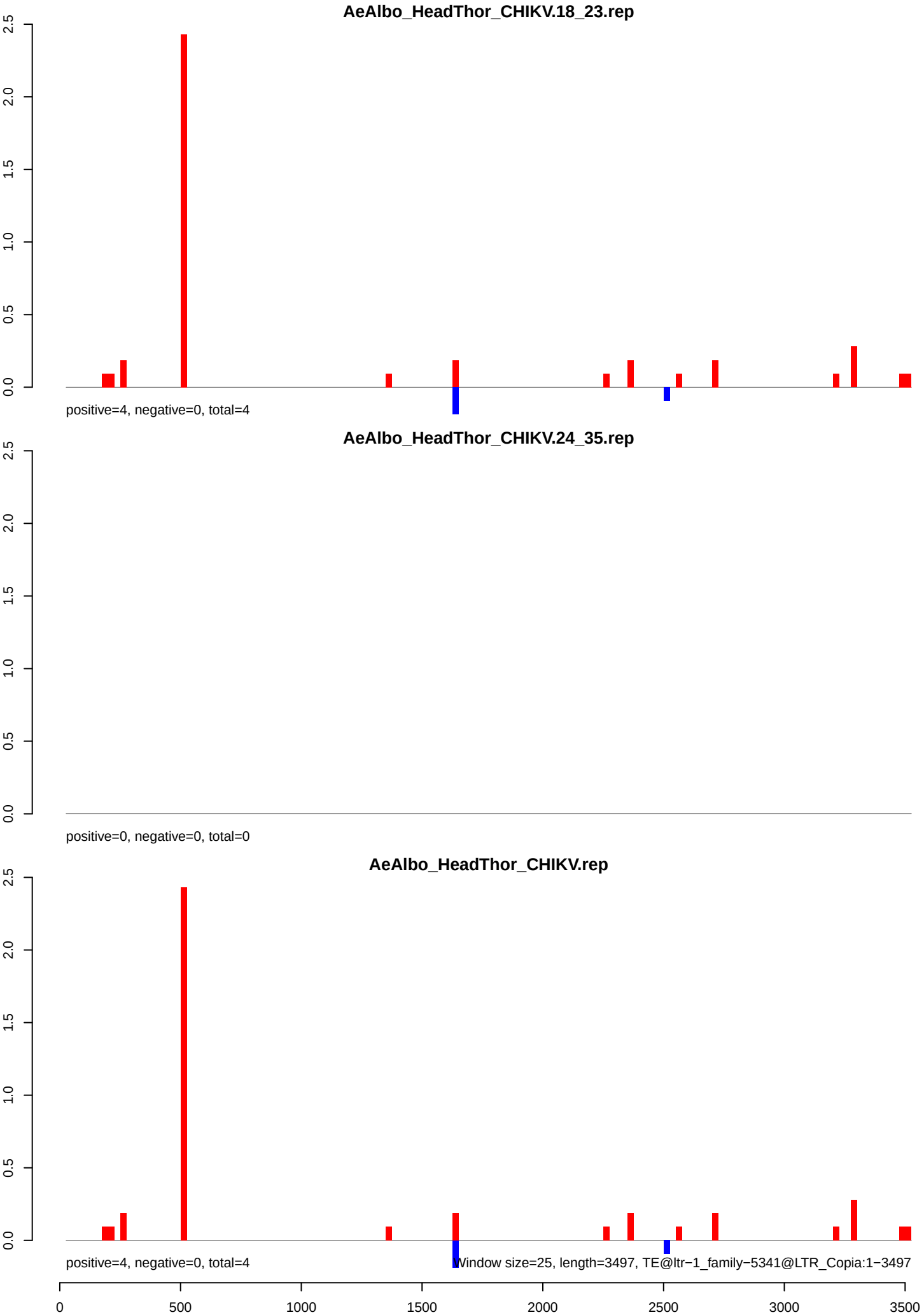

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=3, total=4
Window size=25, length=2517, TE@ltr−1_family−5456@LTR_Pao:1−2517
0
500
1000
1500
2000
2500

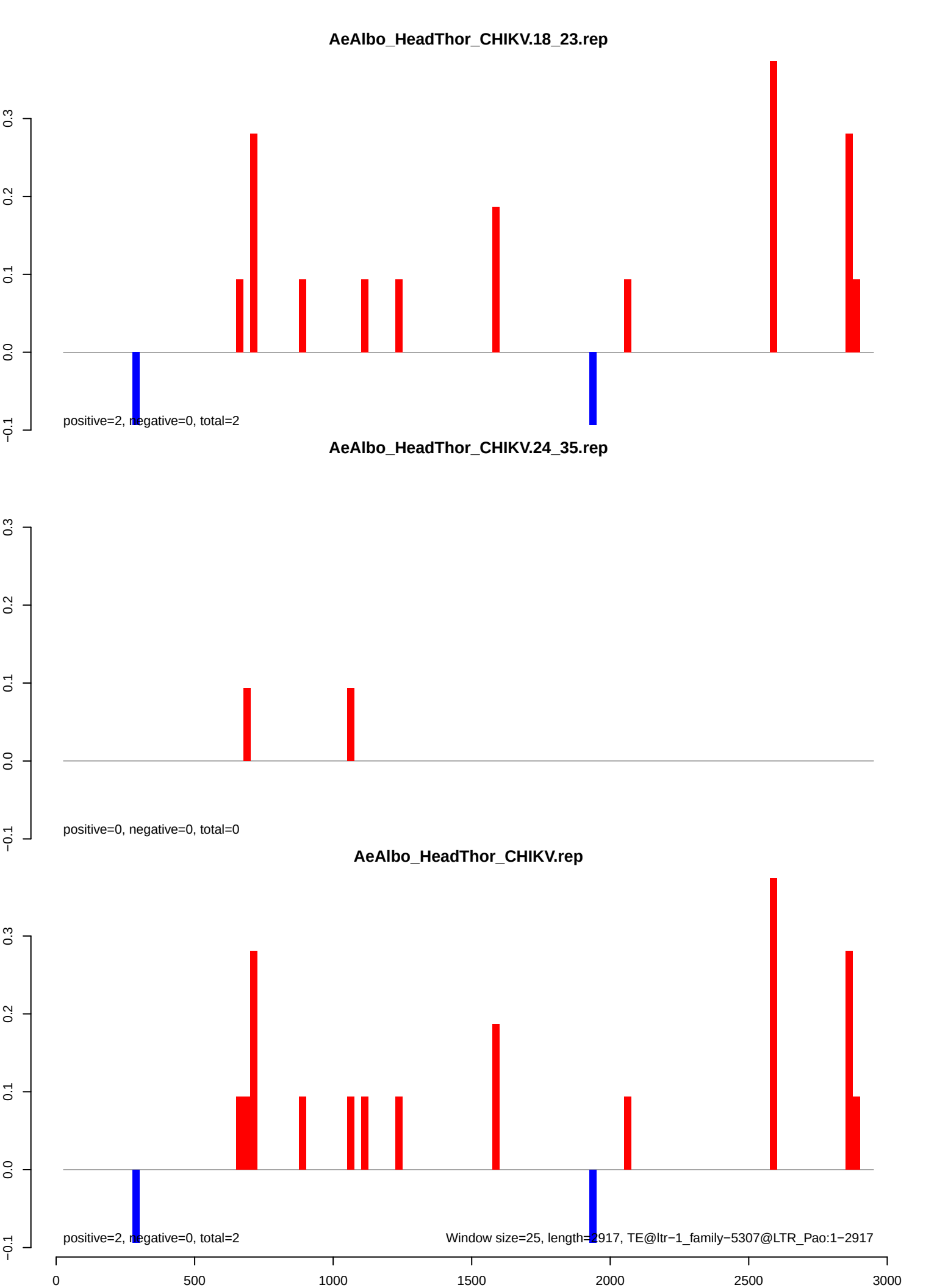

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=2, negative=2, total=4

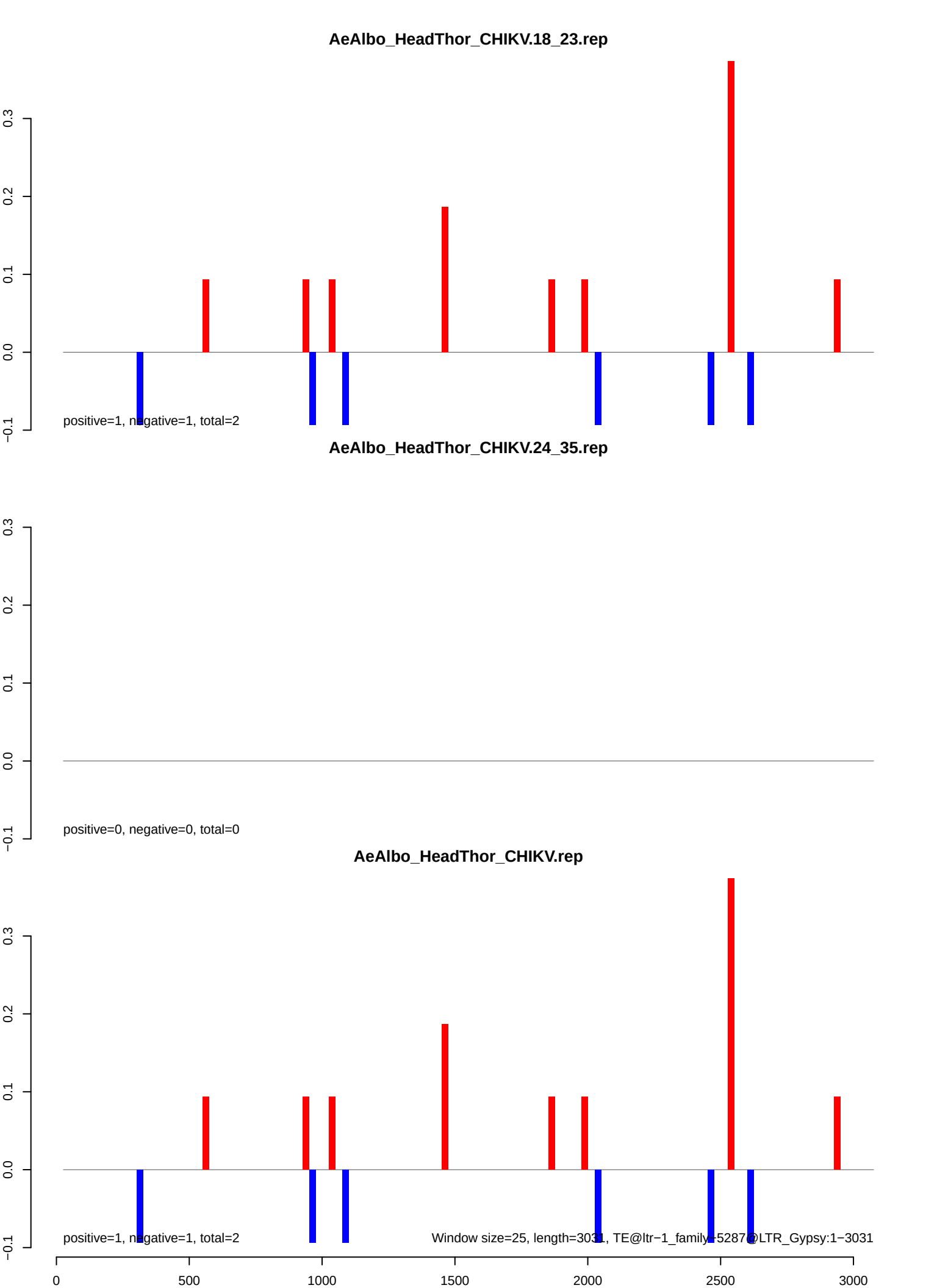

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=0, negative=0, total=0

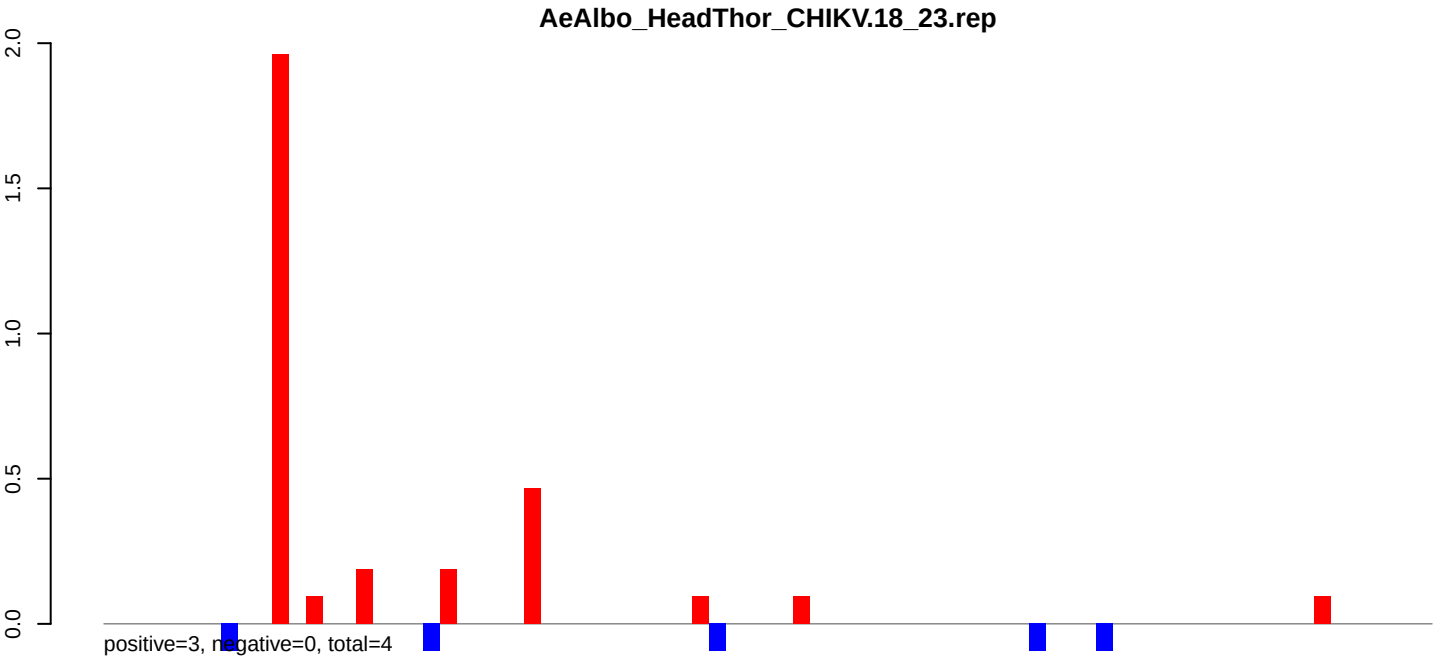

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=2, negative=2, total=4
Window size=25, length=3185, TE@ltr−1_family−5376@DNA_CMC−EnSpm:1−3185
0
500
1000
1500
2000
2500
3000

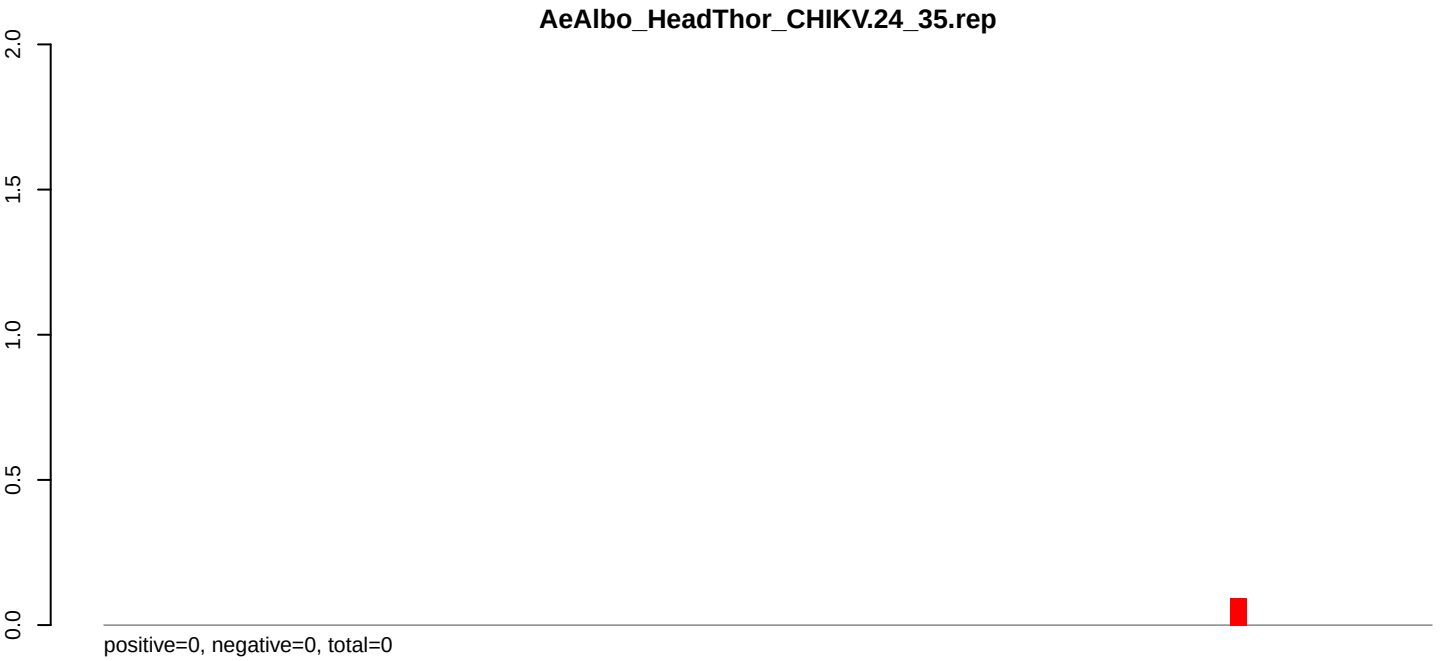

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=2
Window size=25, length=4075, TE@ltr−1_family−5362@LTR_Gypsy:1−4075
0
1000
2000
3000
4000

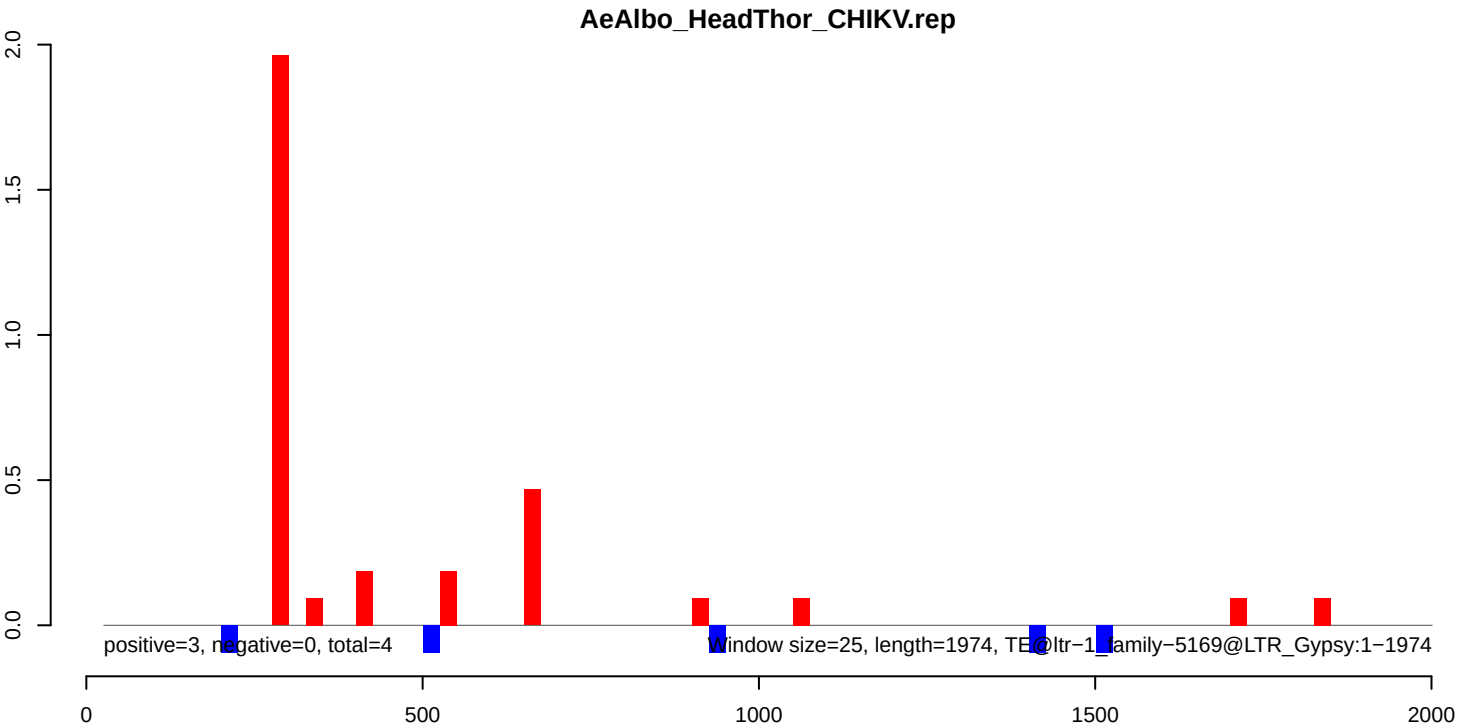

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=4, negative=0, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=4, negative=0, total=4
Window size=25, length=3497, TE@ltr−1_family−5341@LTR_Copia:1−3497
0
500
1000
1500
2000
2500
3000
3500

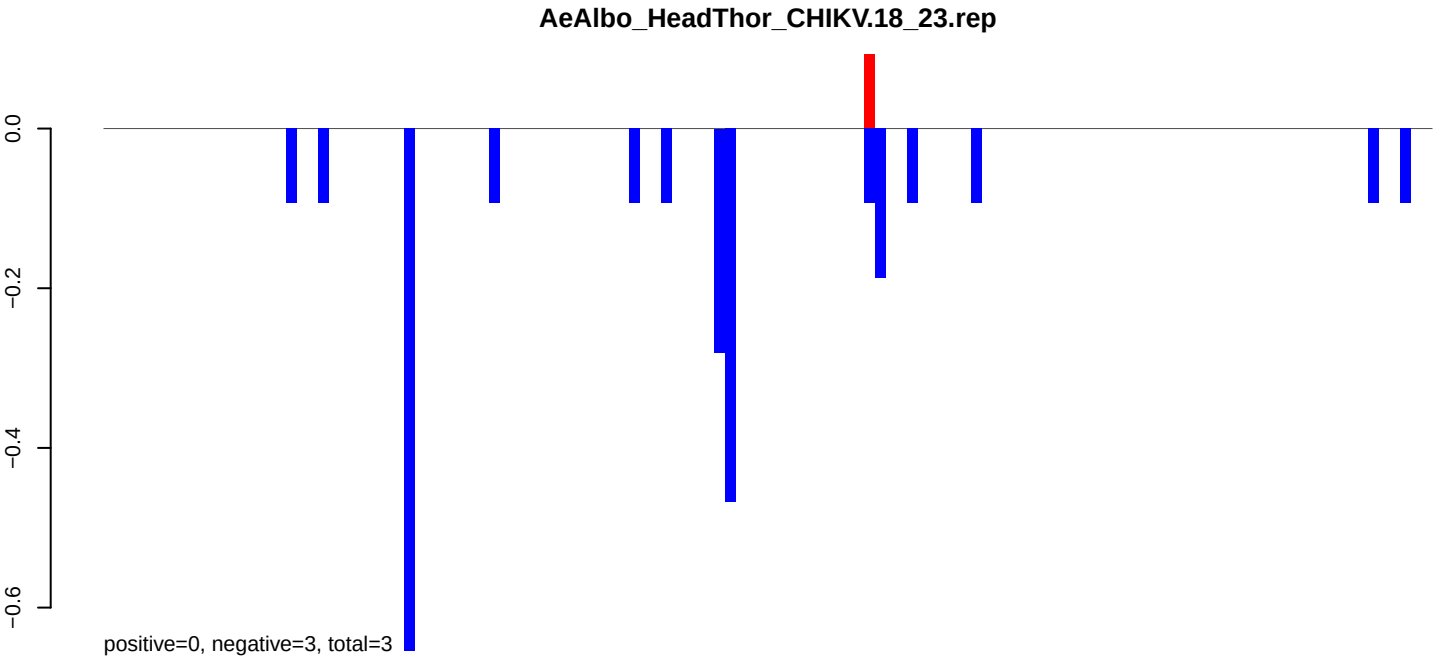

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
Window size=25, length=2917, TE@ltr−1_family−5307@LTR_Pao:1−2917
0
500
1000
1500
2000
2500
3000

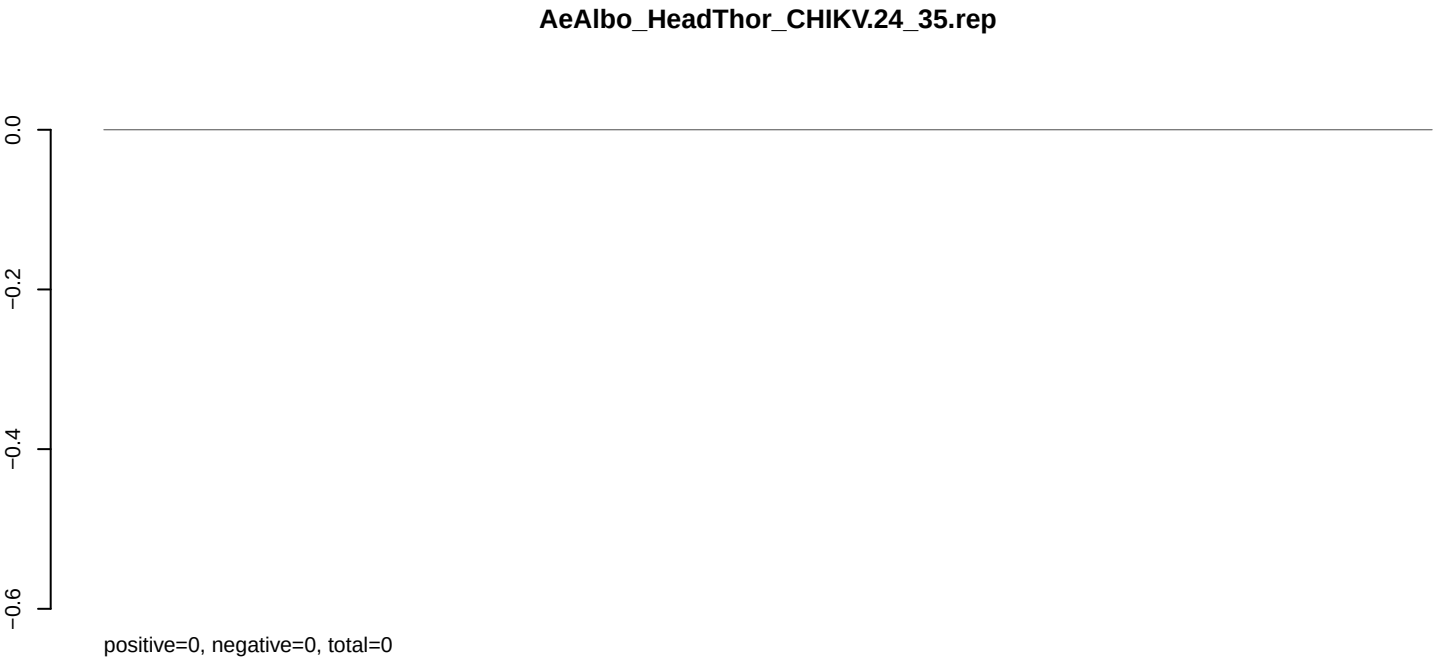

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=3031, TE@ltr−1_family−5287@LTR_Gypsy:1−3031
0.3
0.2
0.1
0.0
−0.1
0
500
1000
1500
2000
2500
3000

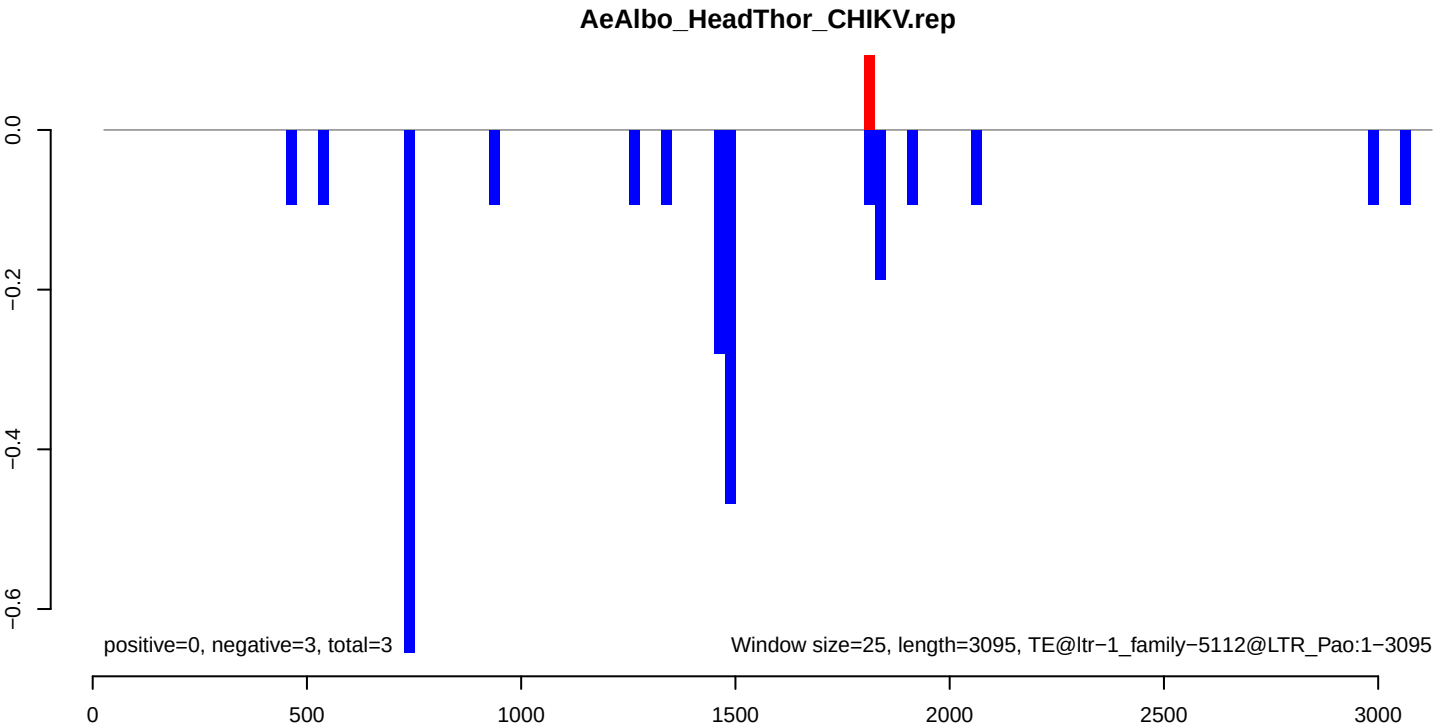

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=3, negative=0, total=4

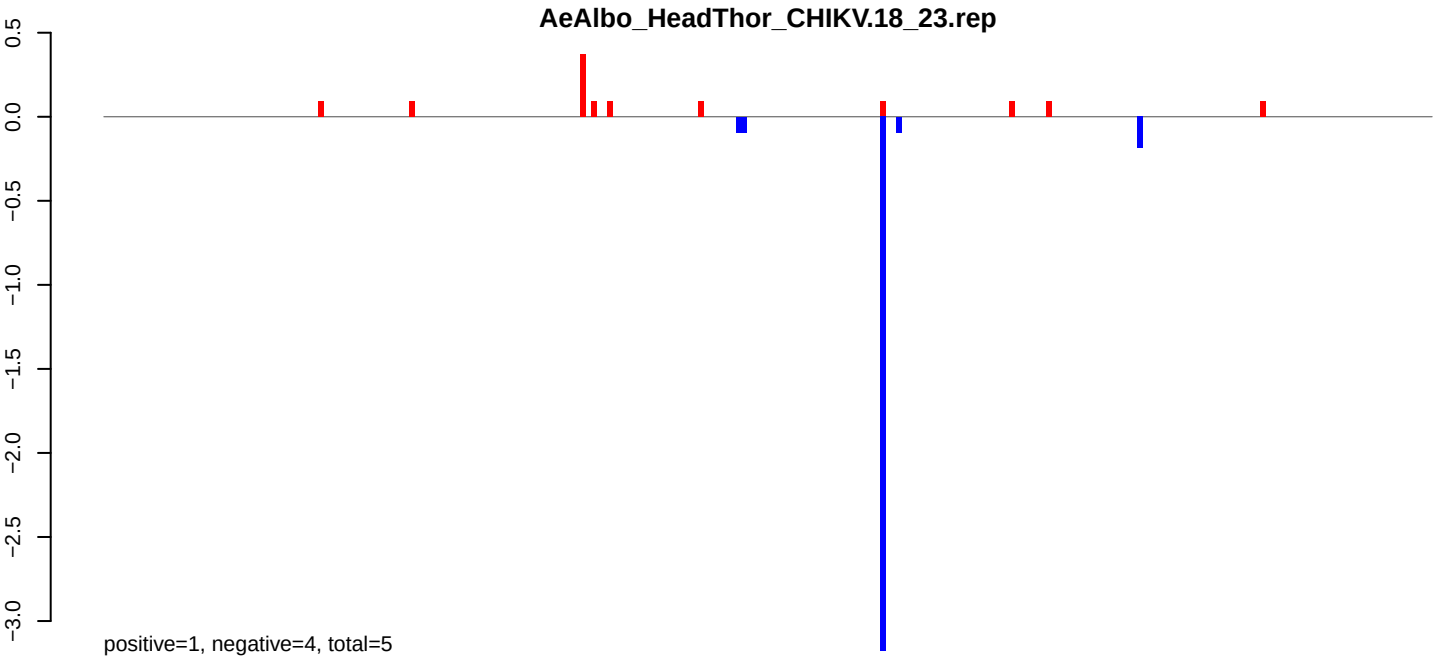

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

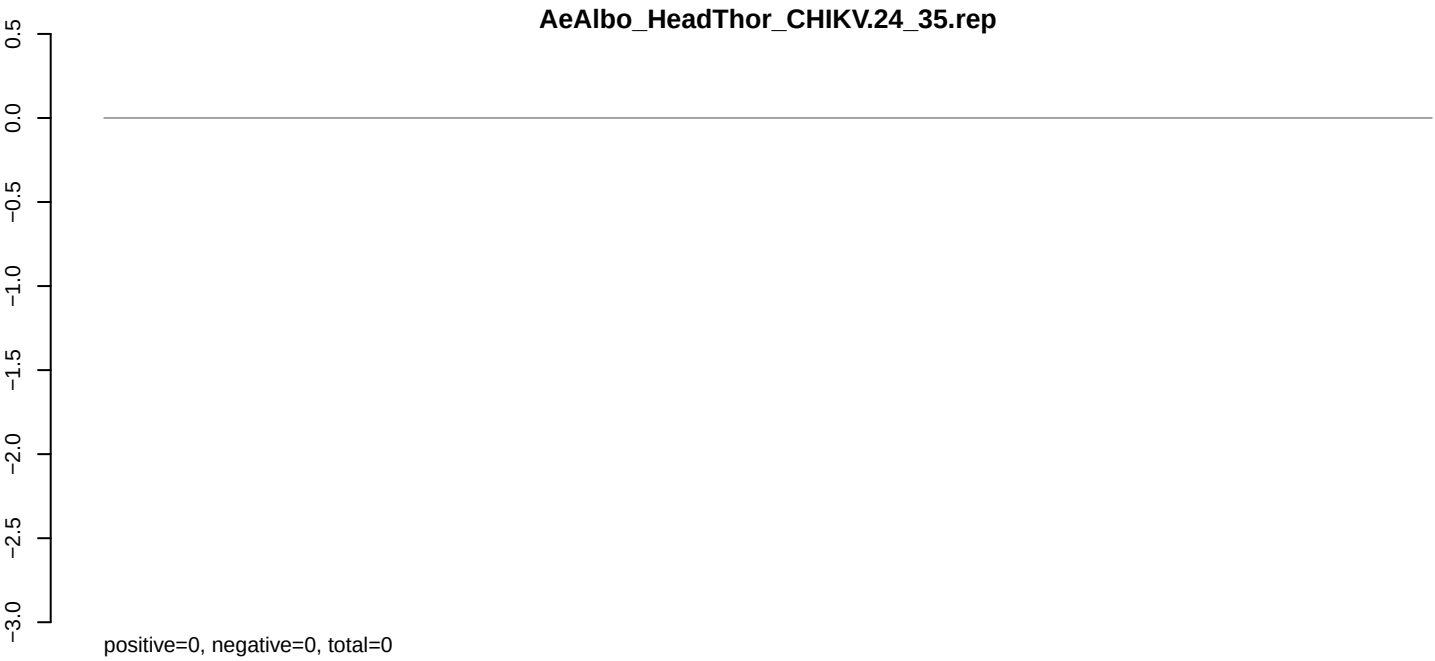

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=3, negative=0, total=4
Window size=25, length=1974, TE@ltr−1_family−5169@LTR_Gypsy:1−1974
0
500
1000
1500
2000

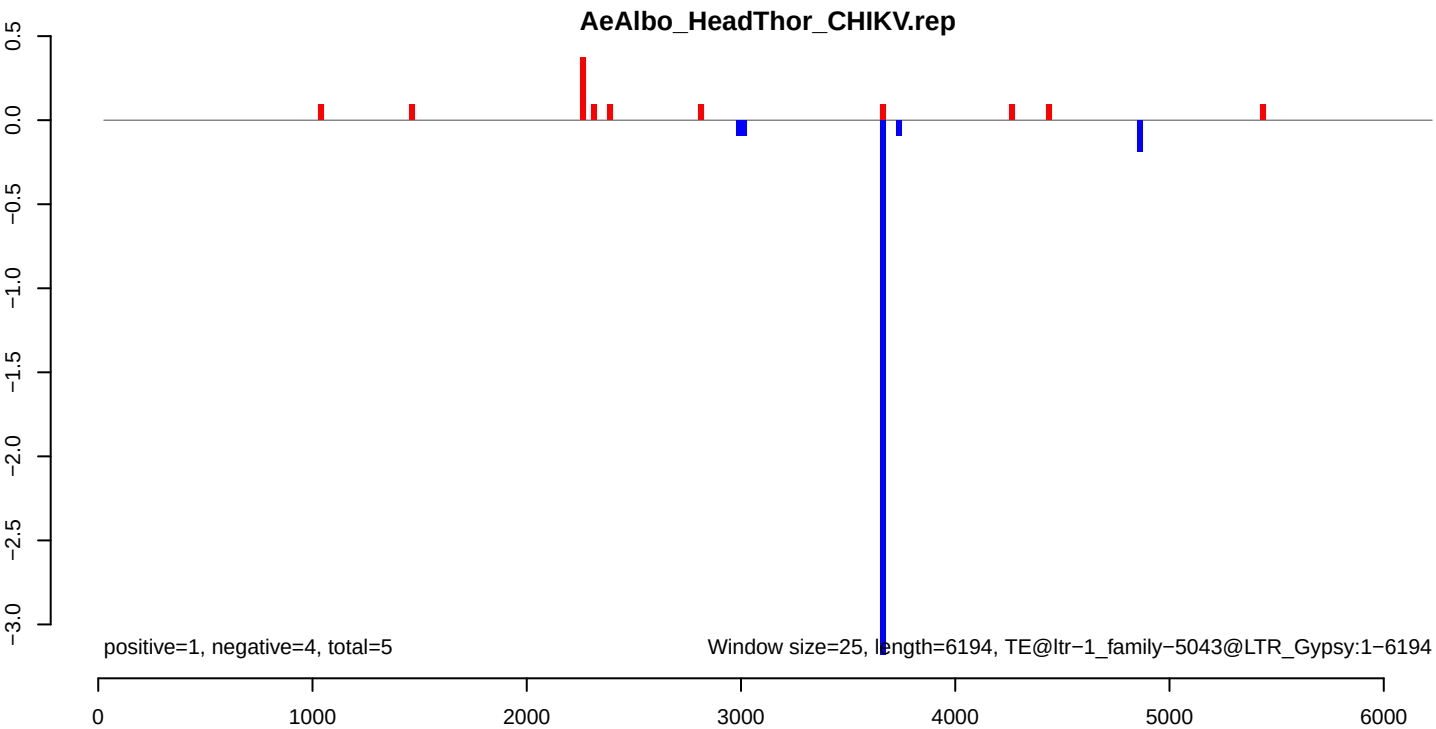

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=3, total=3

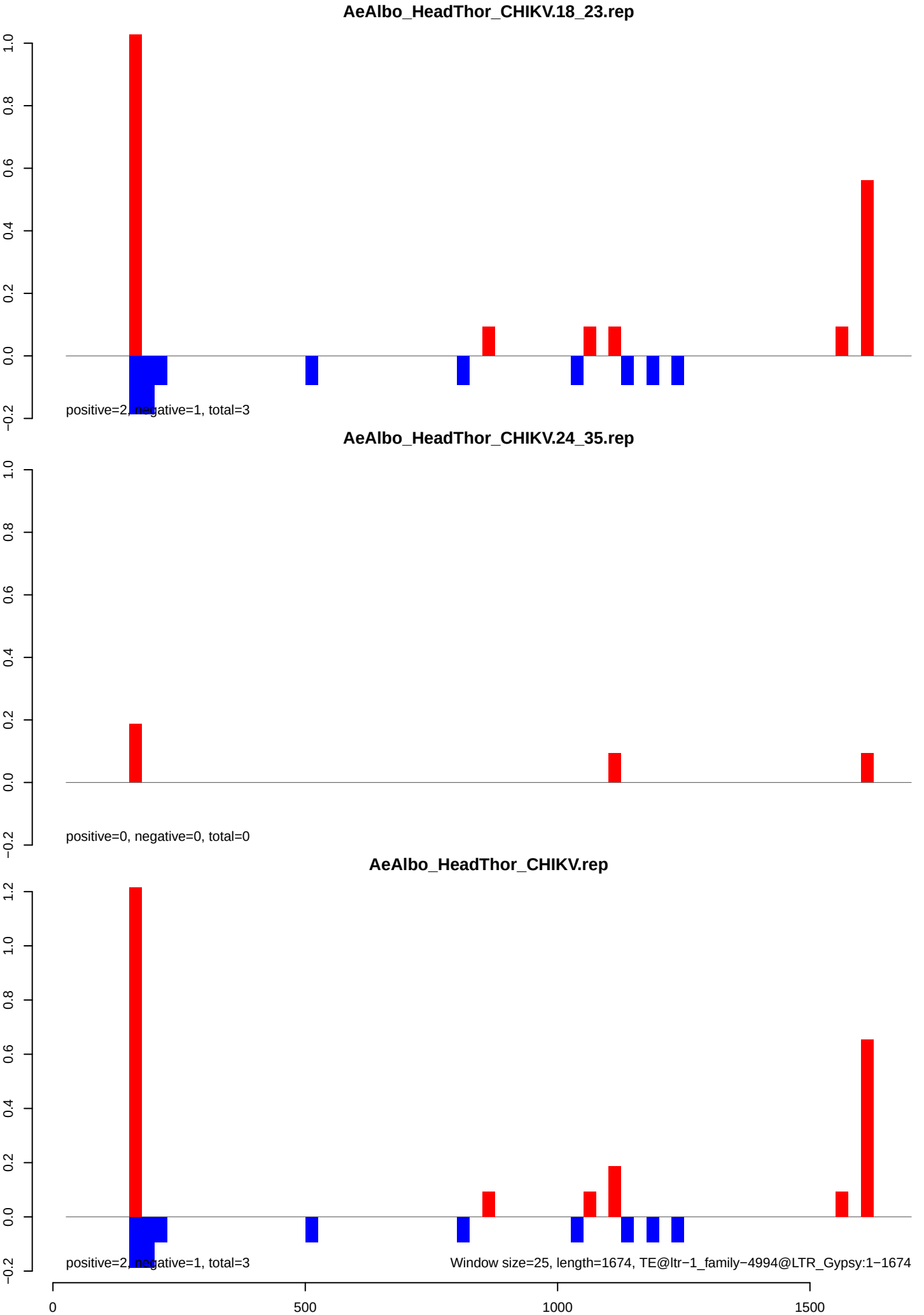

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

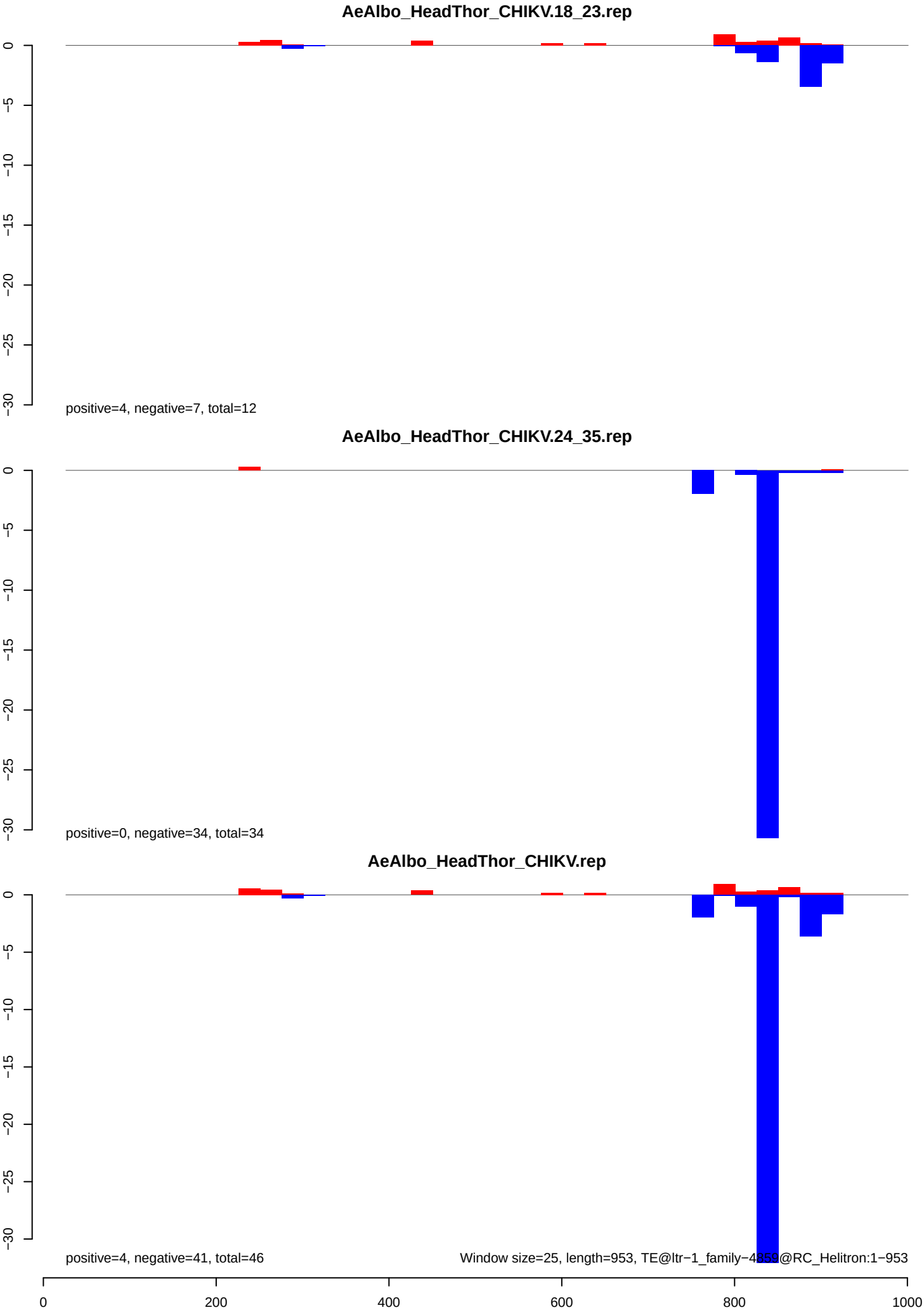

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=3, total=3
Window size=25, length=3095, TE@ltr−1_family−5112@LTR_Pao:1−3095
0
500
1000
1500
2000
2500
3000

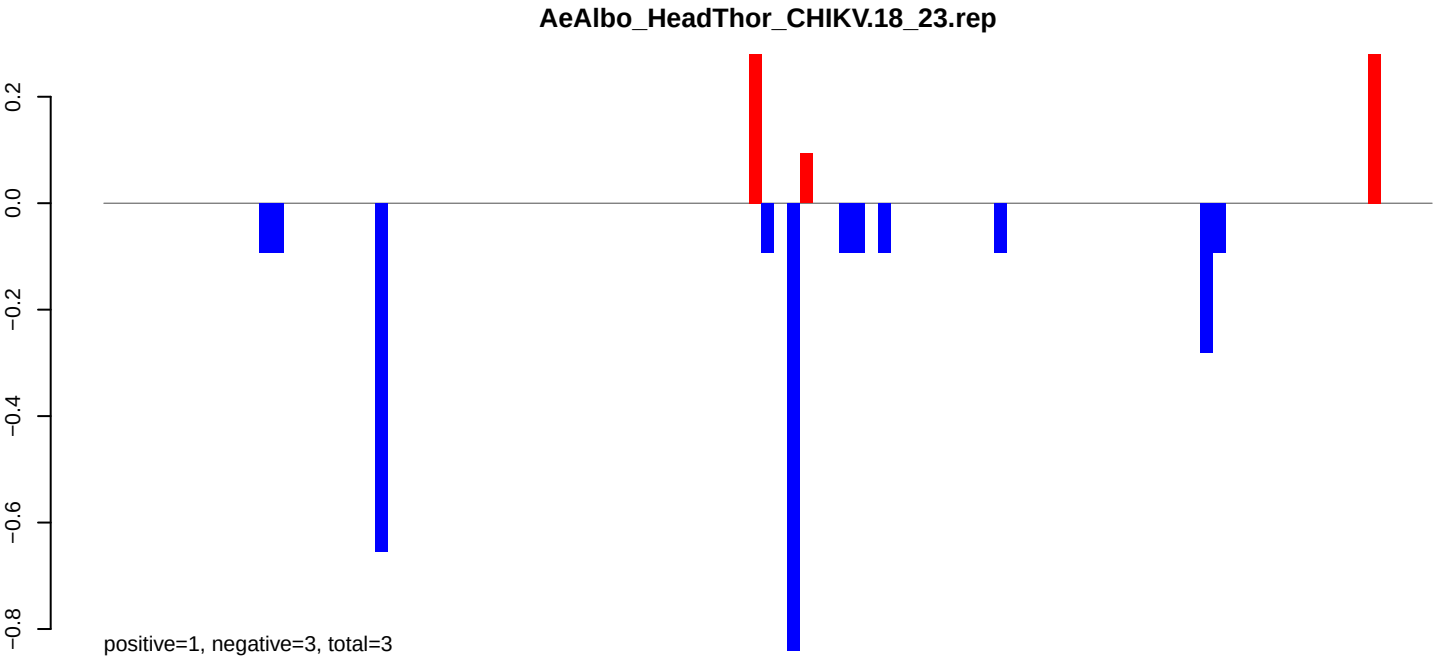

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=1, negative=4, total=5

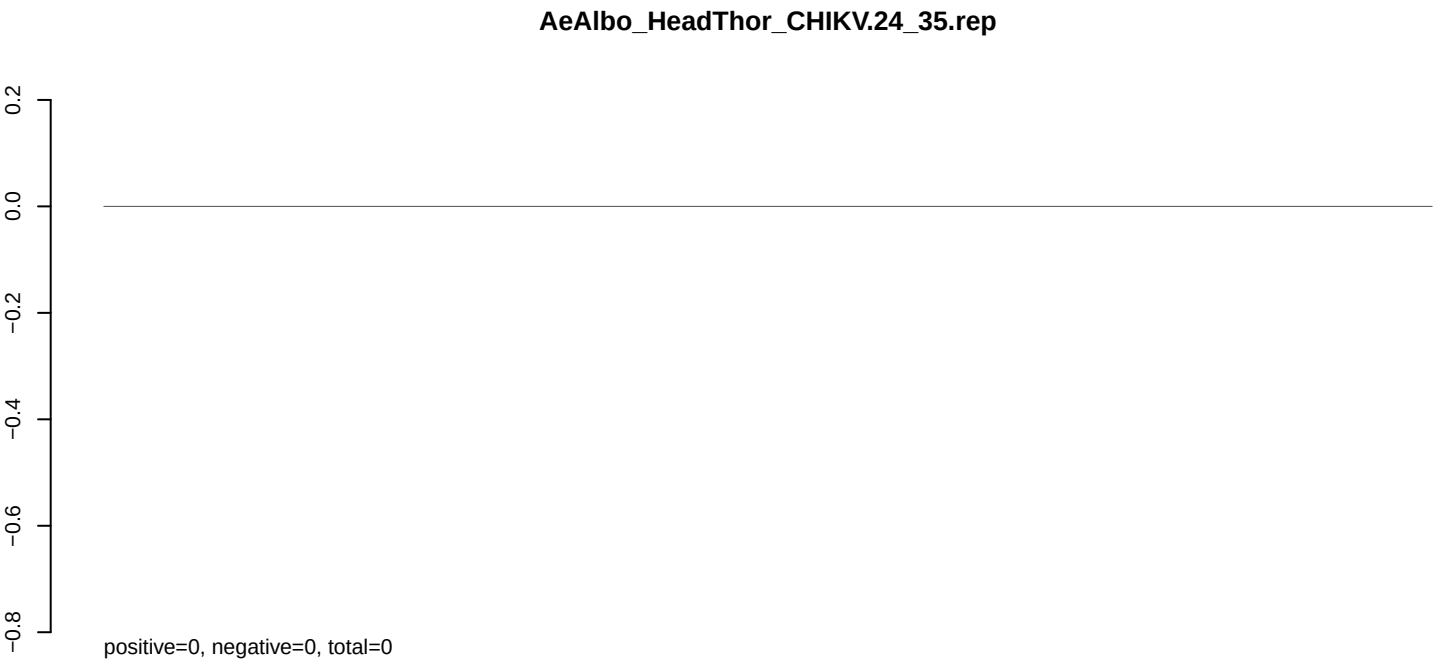

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=0, negative=0, total=0

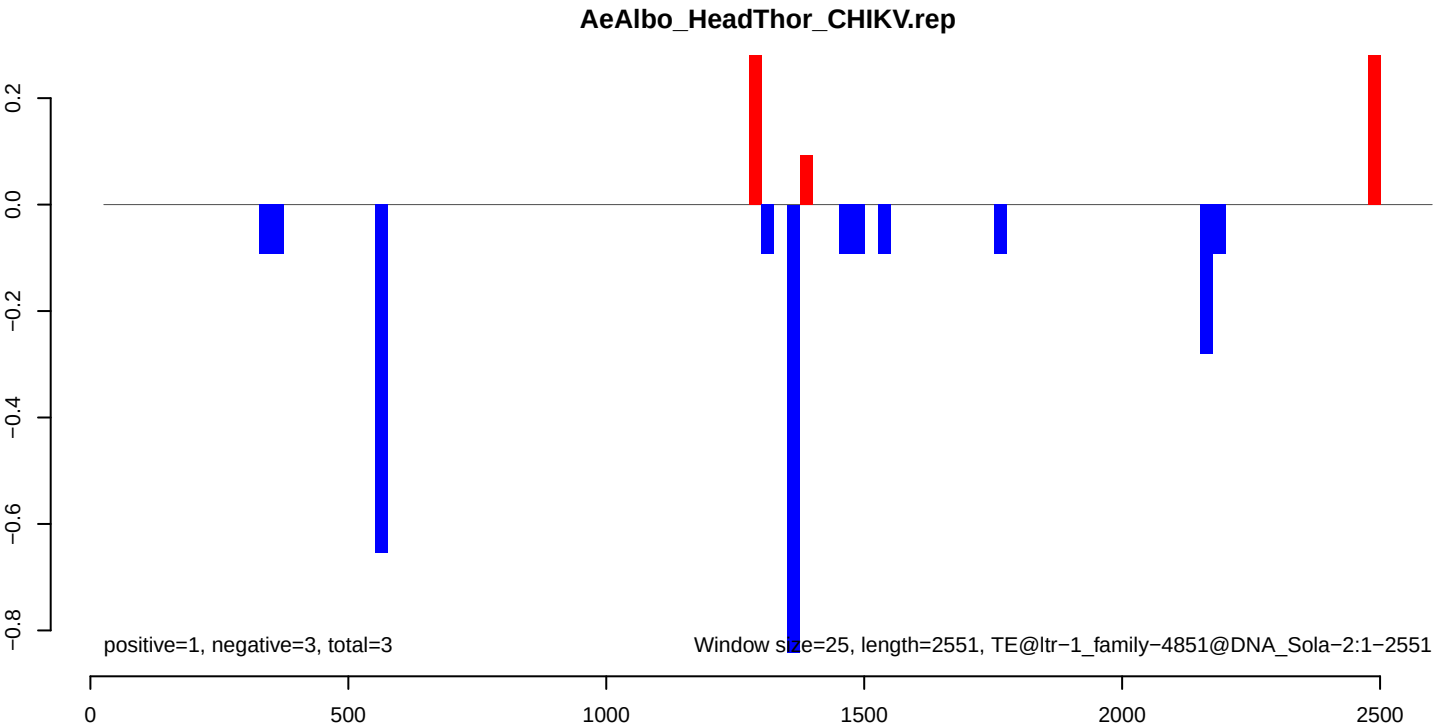

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=1, negative=4, total=5
Window size=25, length=6194, TE@ltr−1_family−5043@LTR_Gypsy:1−6194
0
1000
2000
3000
4000
5000
6000

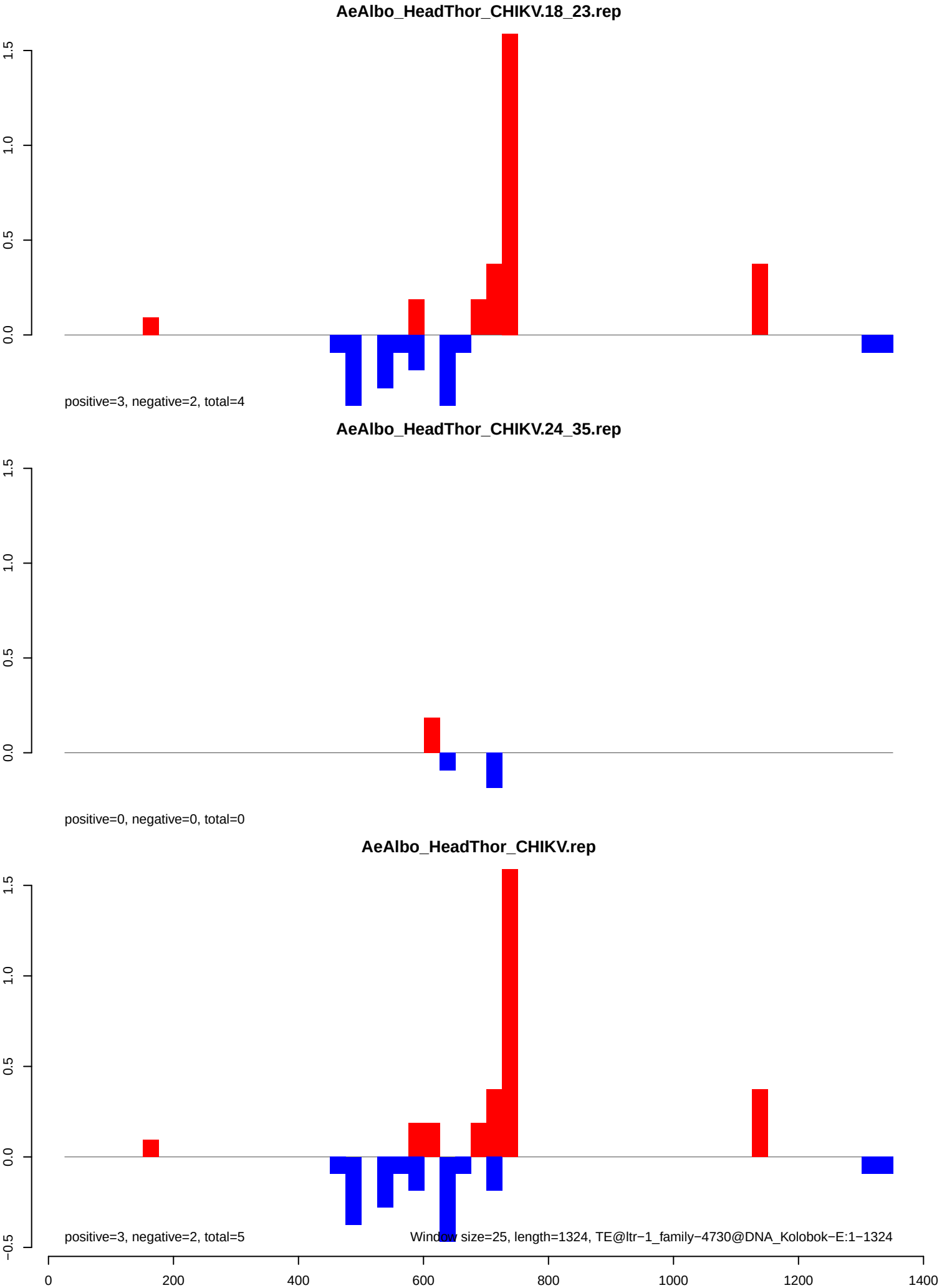

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=1674, TE@ltr−1_family−4994@LTR_Gypsy:1−1674
0
500
1000
1500

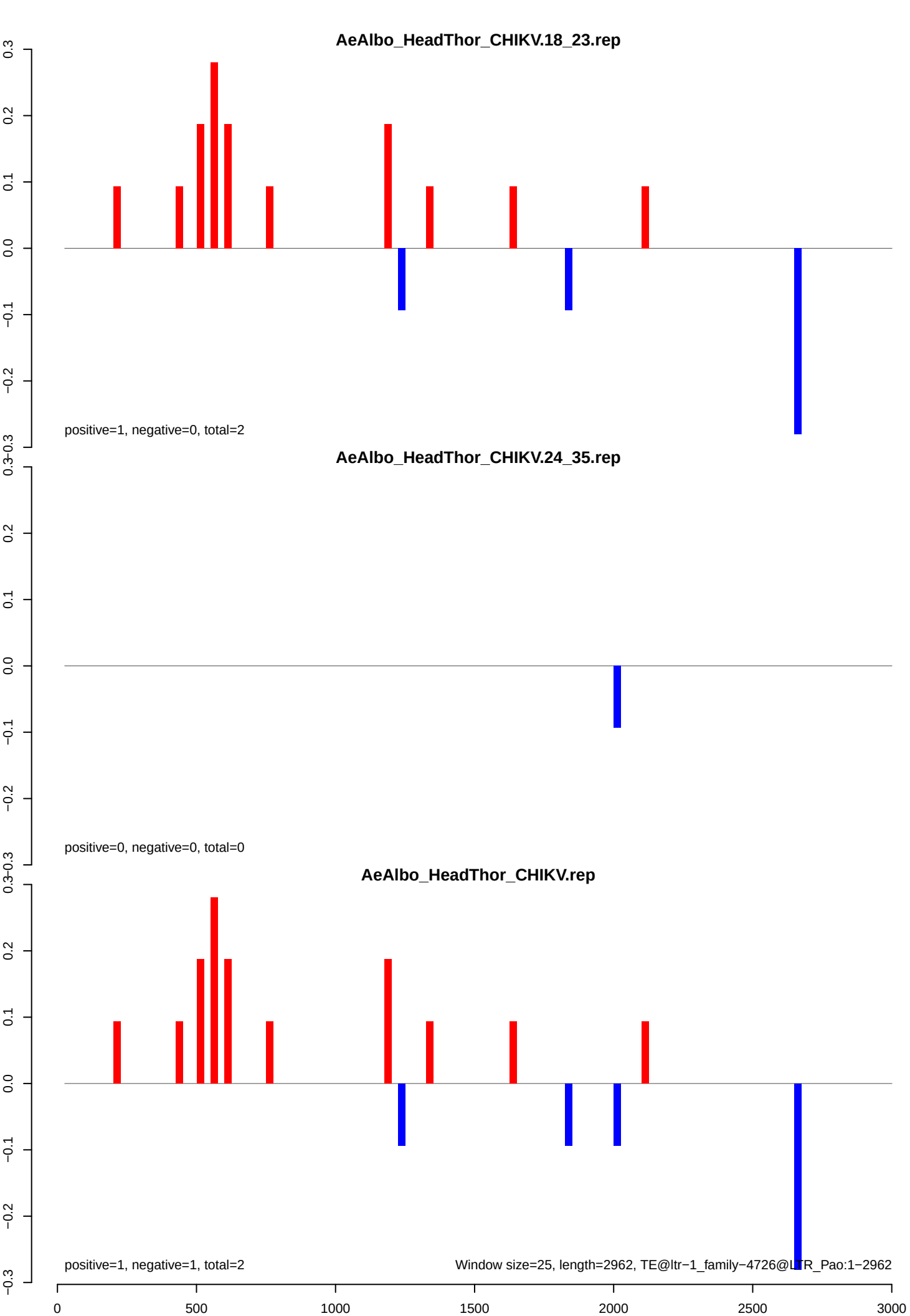

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=4, negative=7, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=34, total=34
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=4, negative=41, total=46
Window size=25, length=953, TE@ltr−1_family−4858@RC_Helitron:1−953
0
200
400
600
800
1000

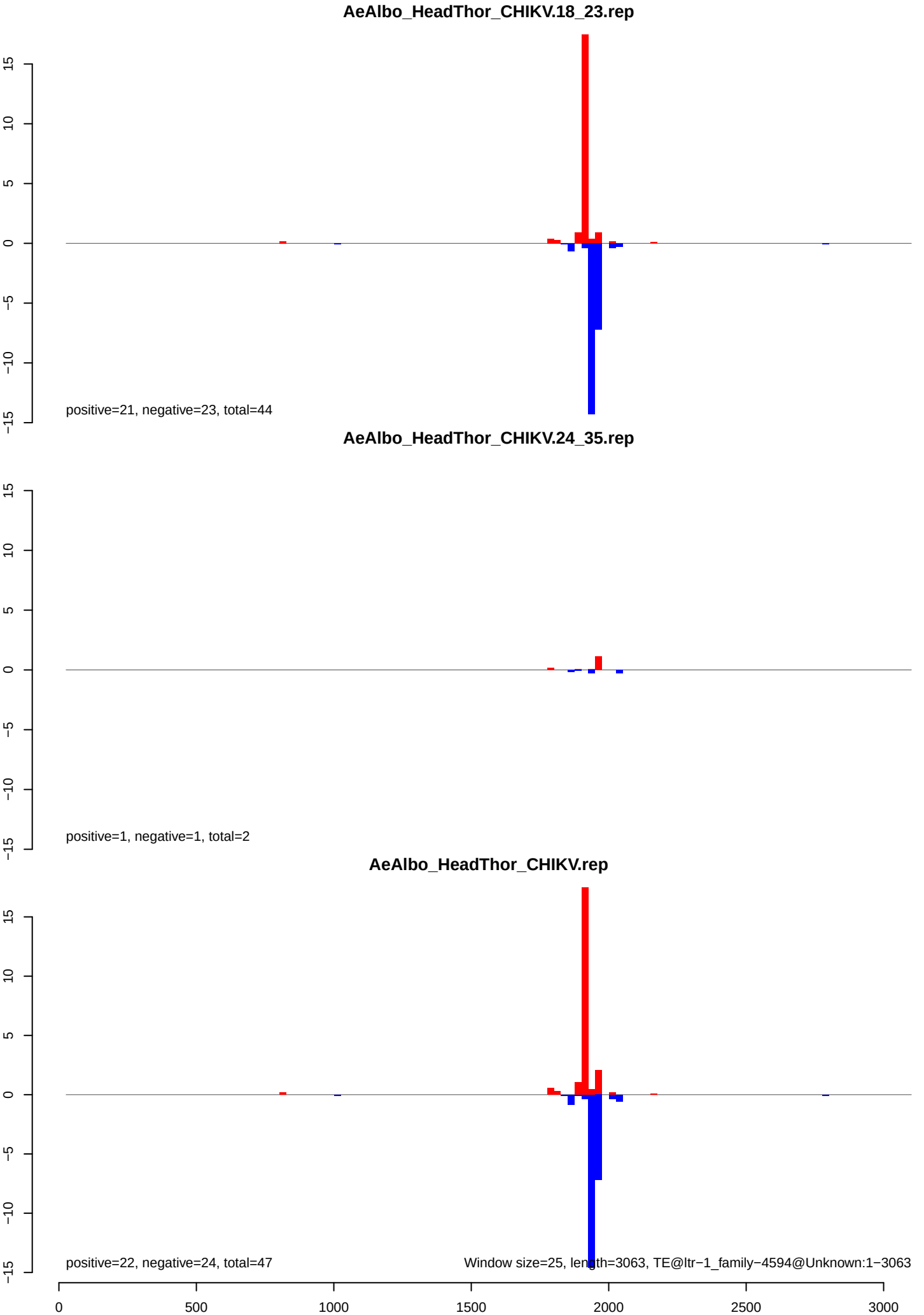

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=3, total=3

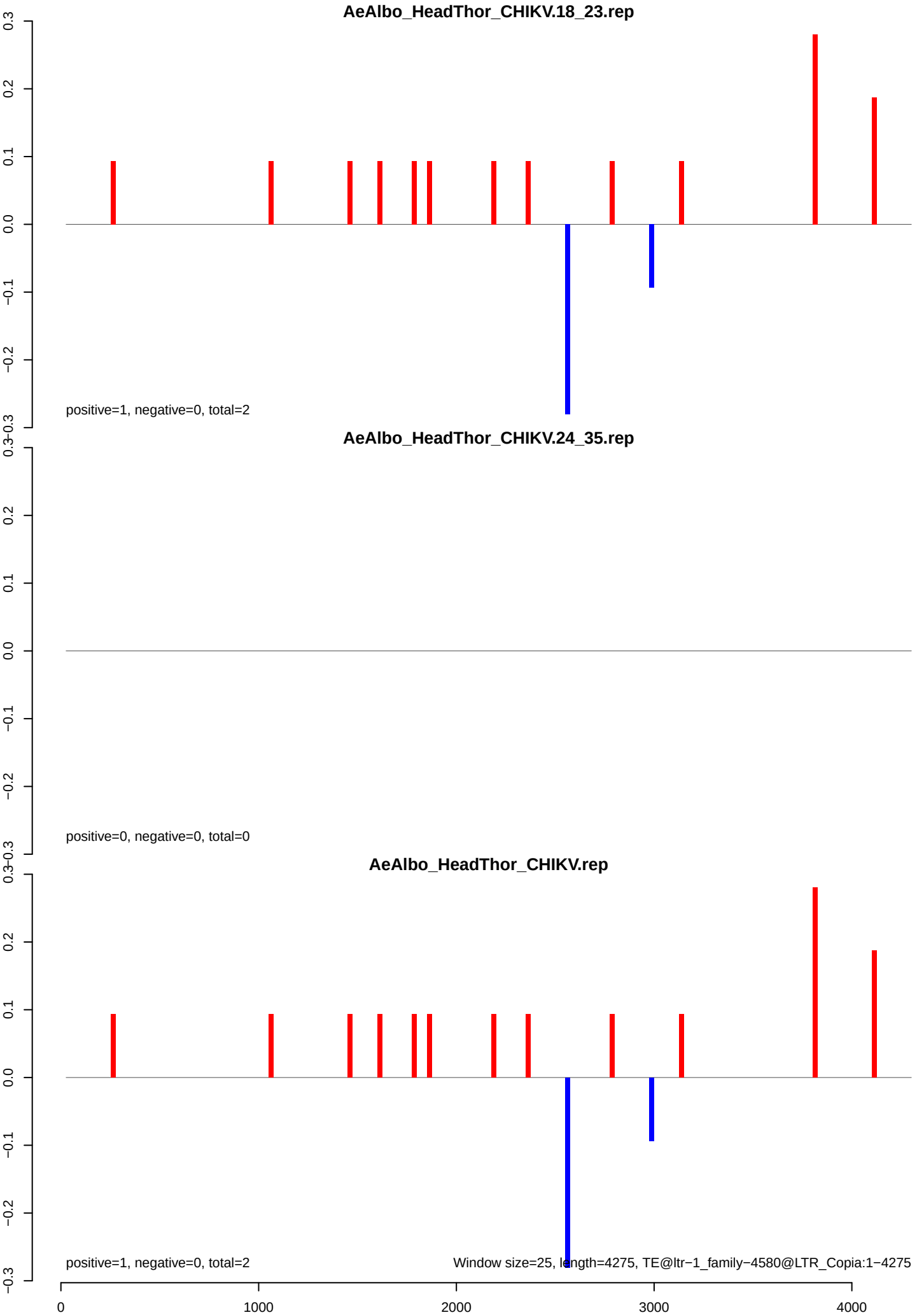

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0

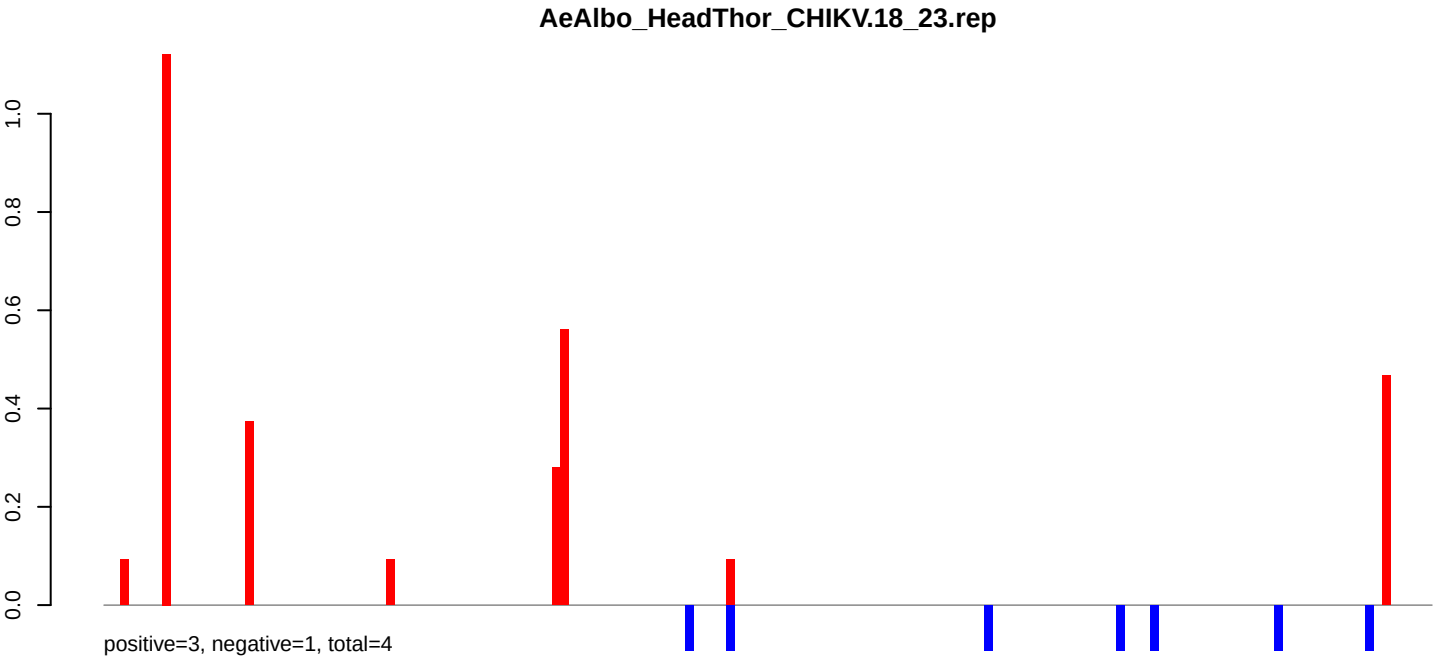

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=3, total=3
Window size=25, length=2551, TE@ltr−1_family−4851@DNA_Sola−2:1−2551
0
500
1000
1500
2000
2500

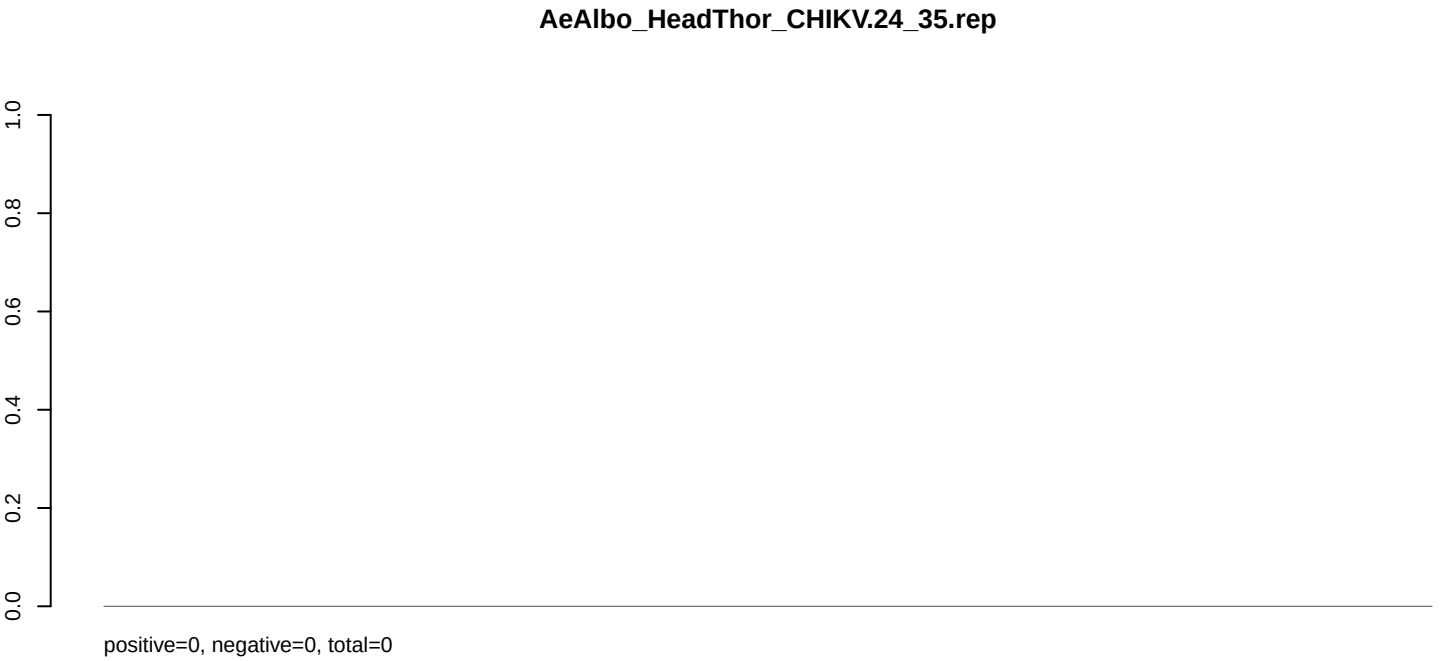

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=1324, TE@ltr−1_family−4730@DNA_Kolobok−E:1−1324
1.5
1.0
0.5
0.0
−0.5
0
200
400
600
800
1000
1200
1400

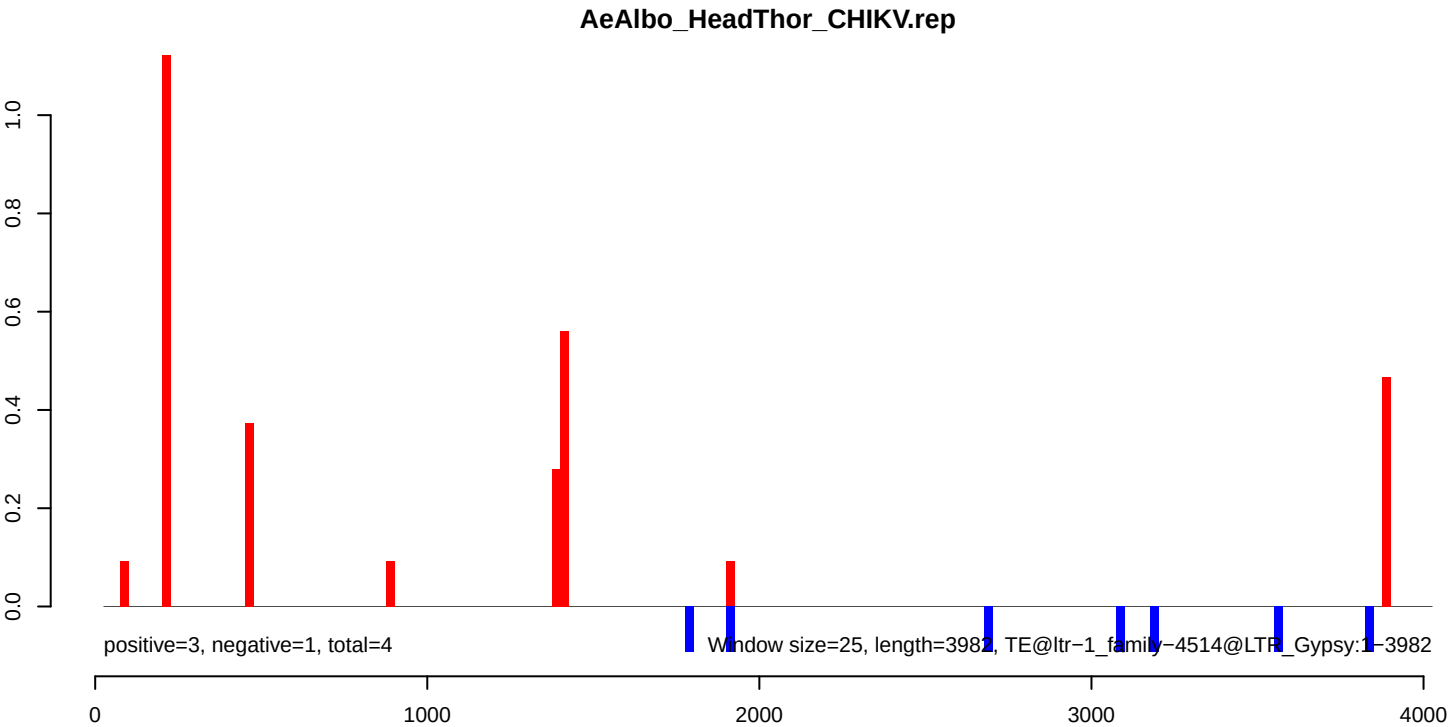

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2962, TE@ltr−1_family−4726@LTR_Pao:1−2962
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500
2000
2500
3000

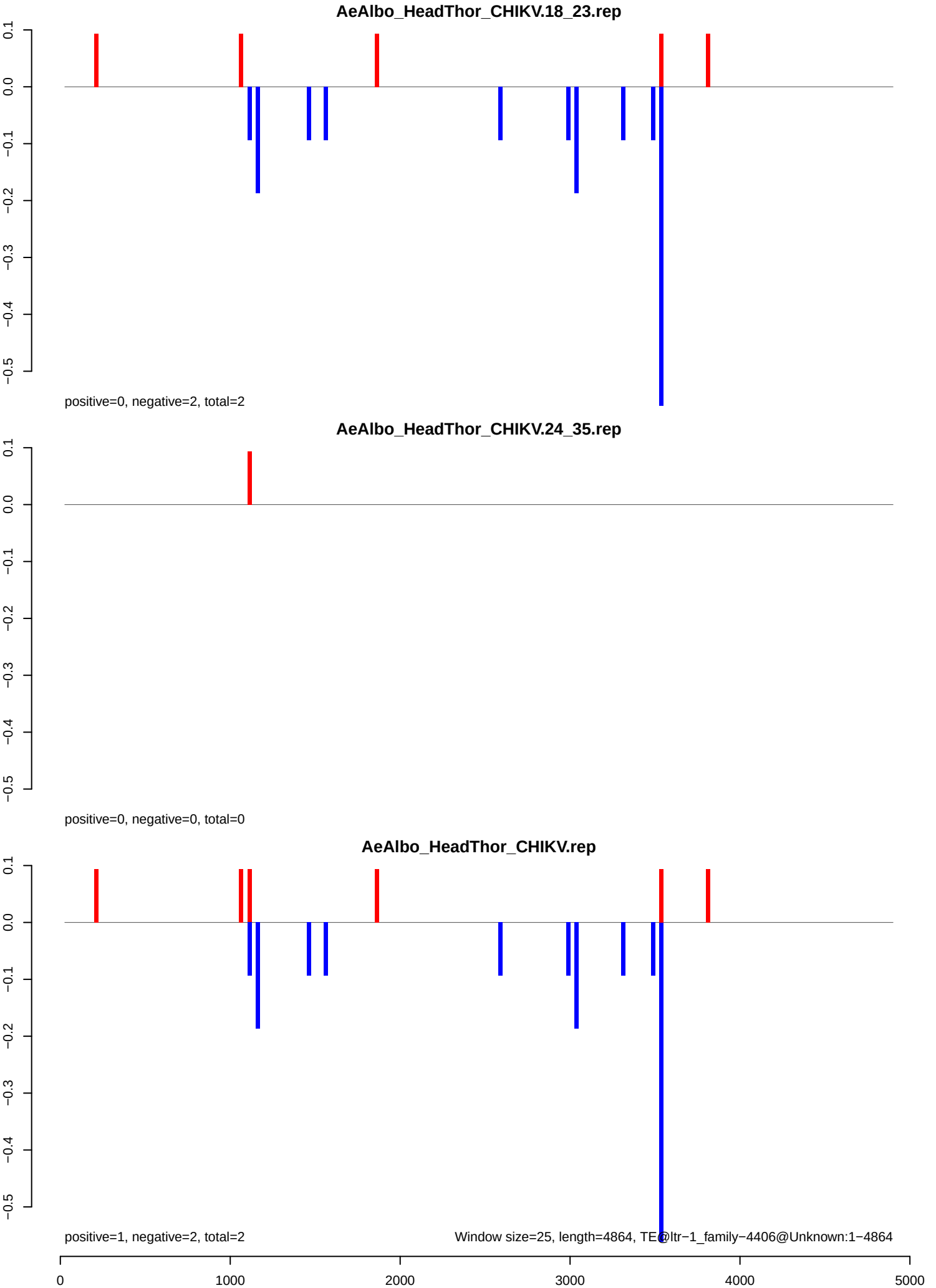

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
−5
−10
−15
positive=21, negative=23, total=44
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
−5
−10
−15
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
−5
−10
−15
positive=22, negative=24, total=47
Window size=25, length=3063, TE@ltr−1_family−4594@Unknown:1−3063
0
500
1000
1500
2000
2500
3000

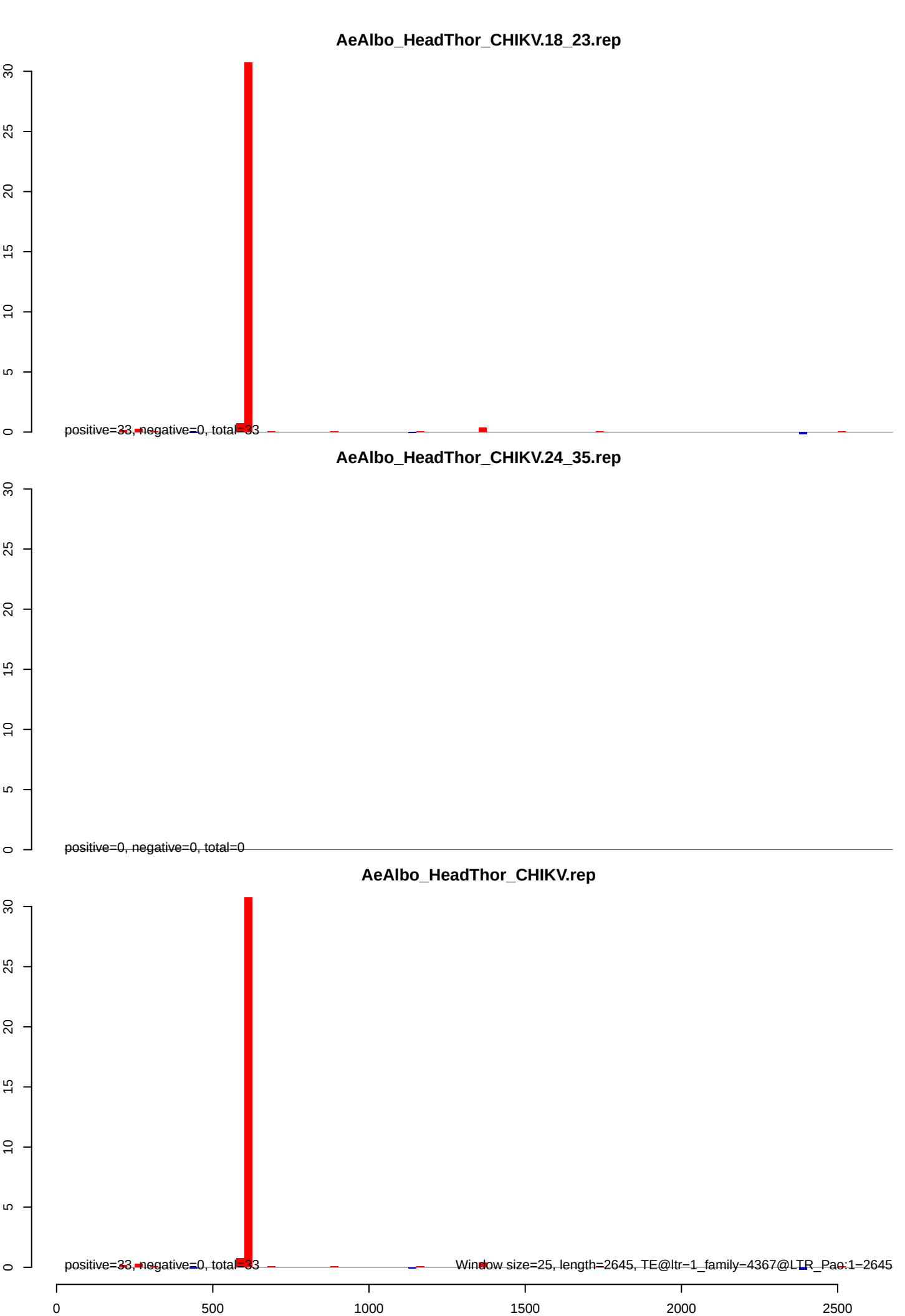

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=2
Window size=25, length=4275, TE@ltr−1_family−4580@LTR_Copia:1−4275
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000

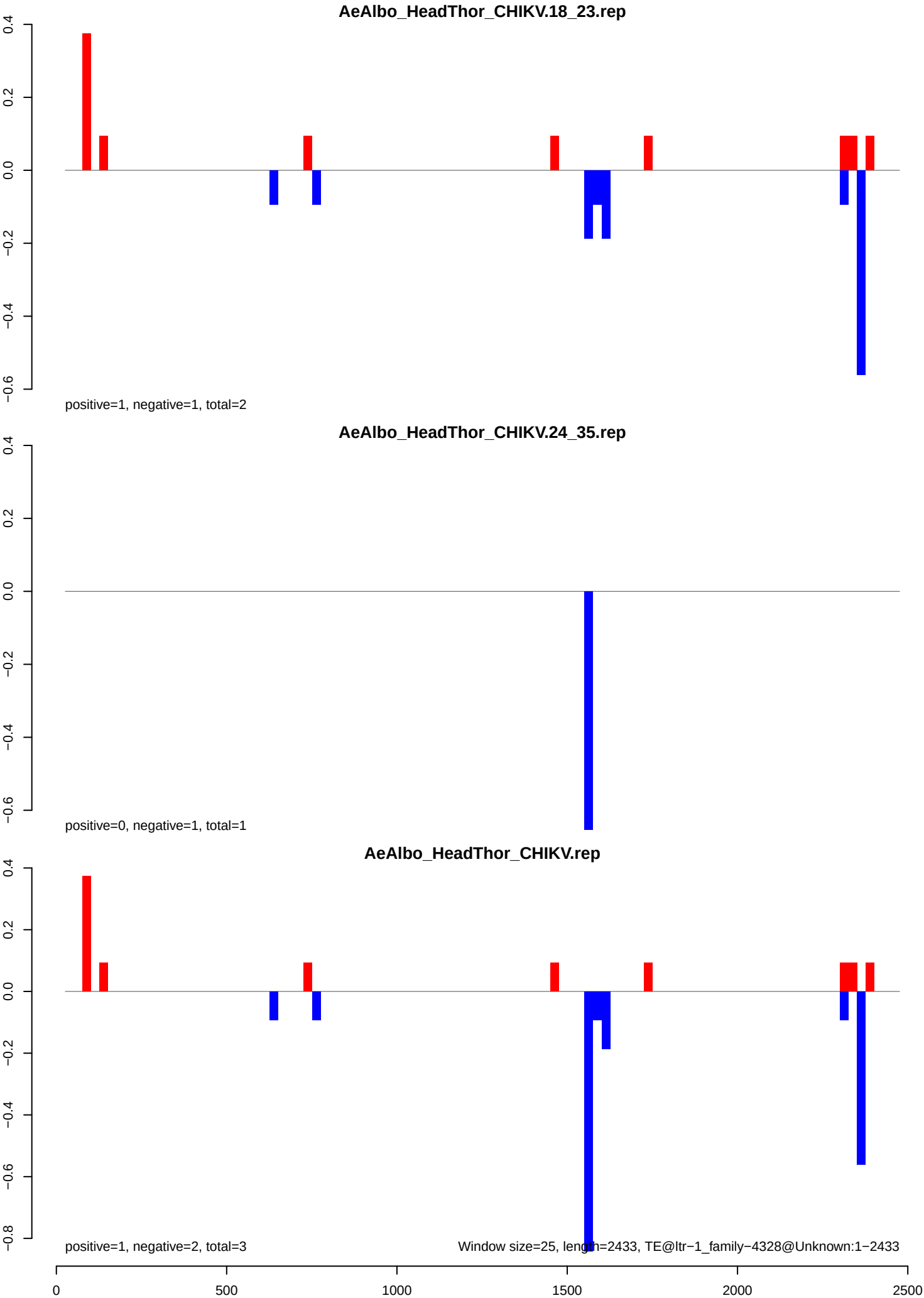

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=3, negative=1, total=4

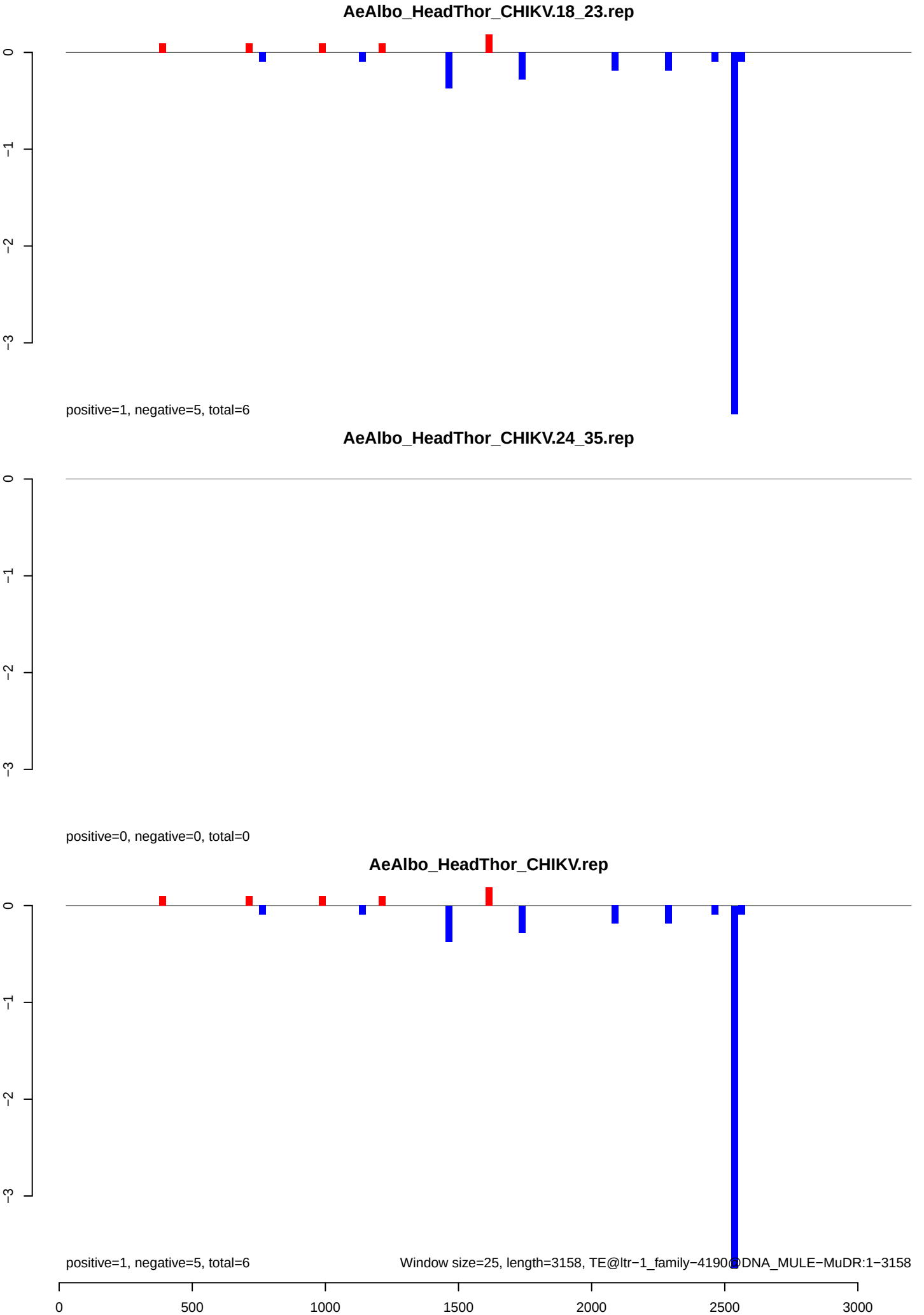

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=0, negative=0, total=0

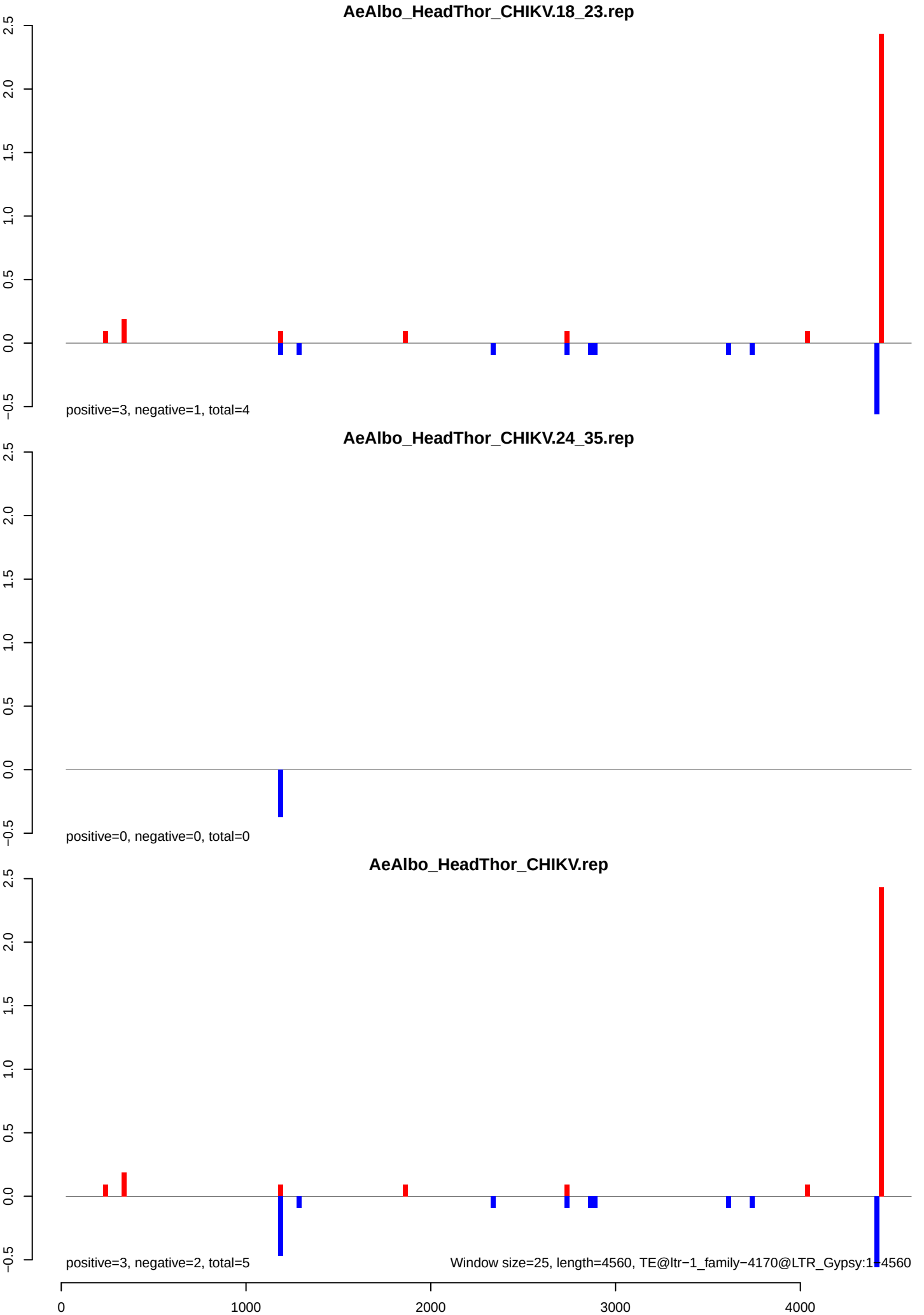

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=3, negative=1, total=4
Window size=25, length=3982, TE@ltr−1_family−4514@LTR_Gypsy:1−3982
0
1000
2000
3000
4000

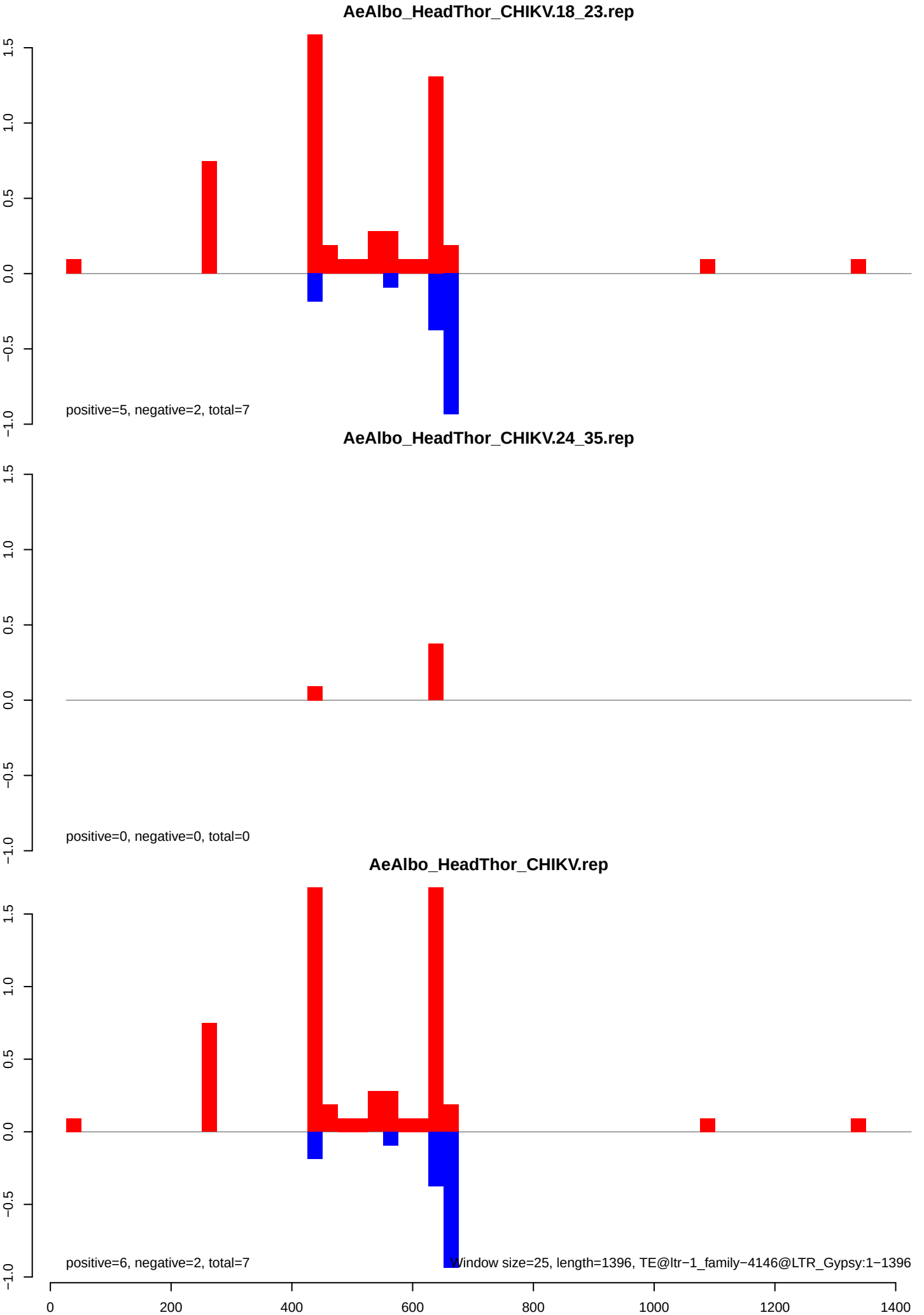

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=2
Window size=25, length=4864, TE@ltr−1_family−4406@Unknown:1−4864
0
1000
2000
3000
4000
5000

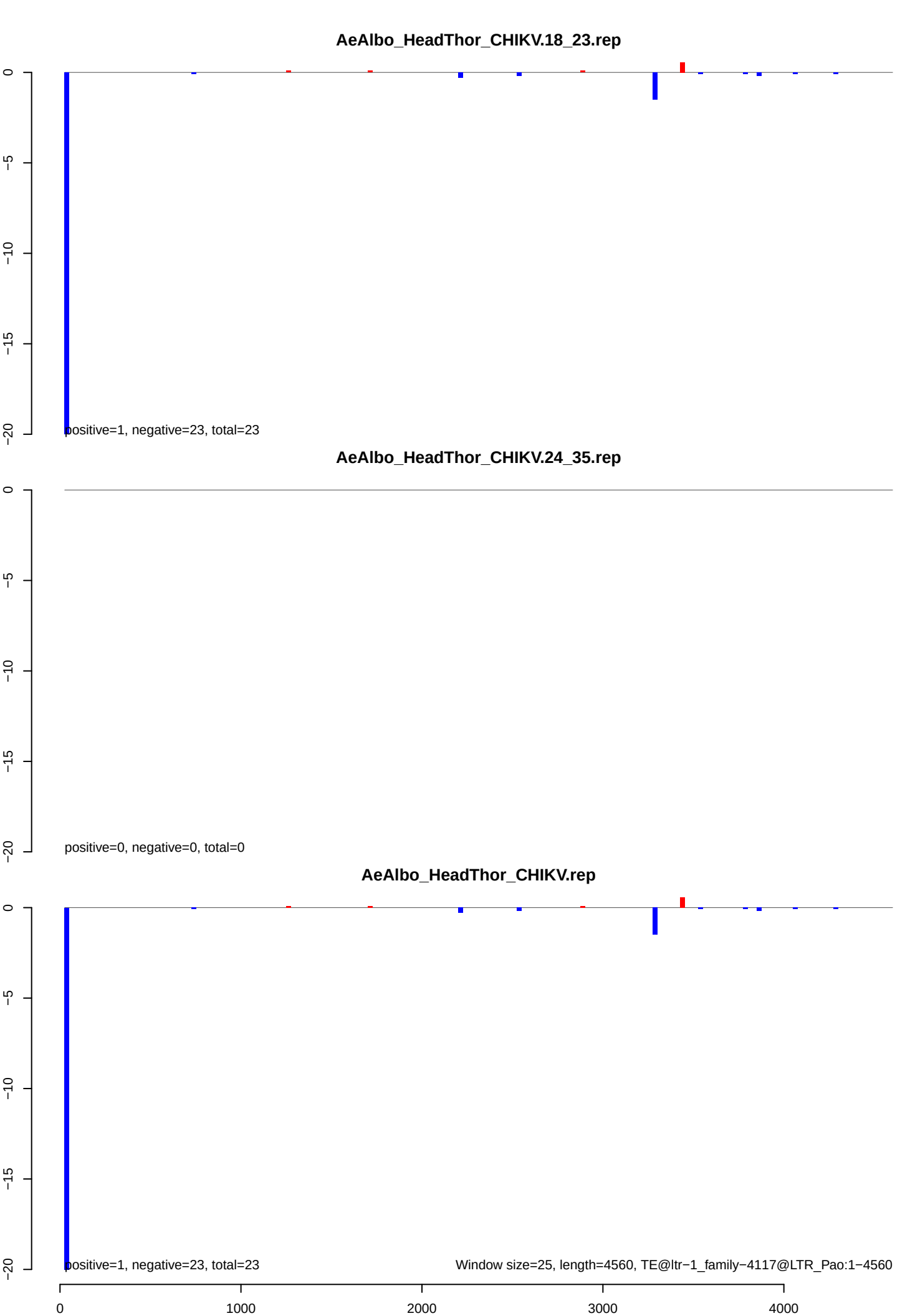

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=33, negative=0, total=33
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=33, negative=0, total=33
Window size=25, length=2645, TE@ltr−1_family−4367@LTR_Pao:1−2645
0
5
10
15
20
25
30
0
500
1000
1500
2000
2500

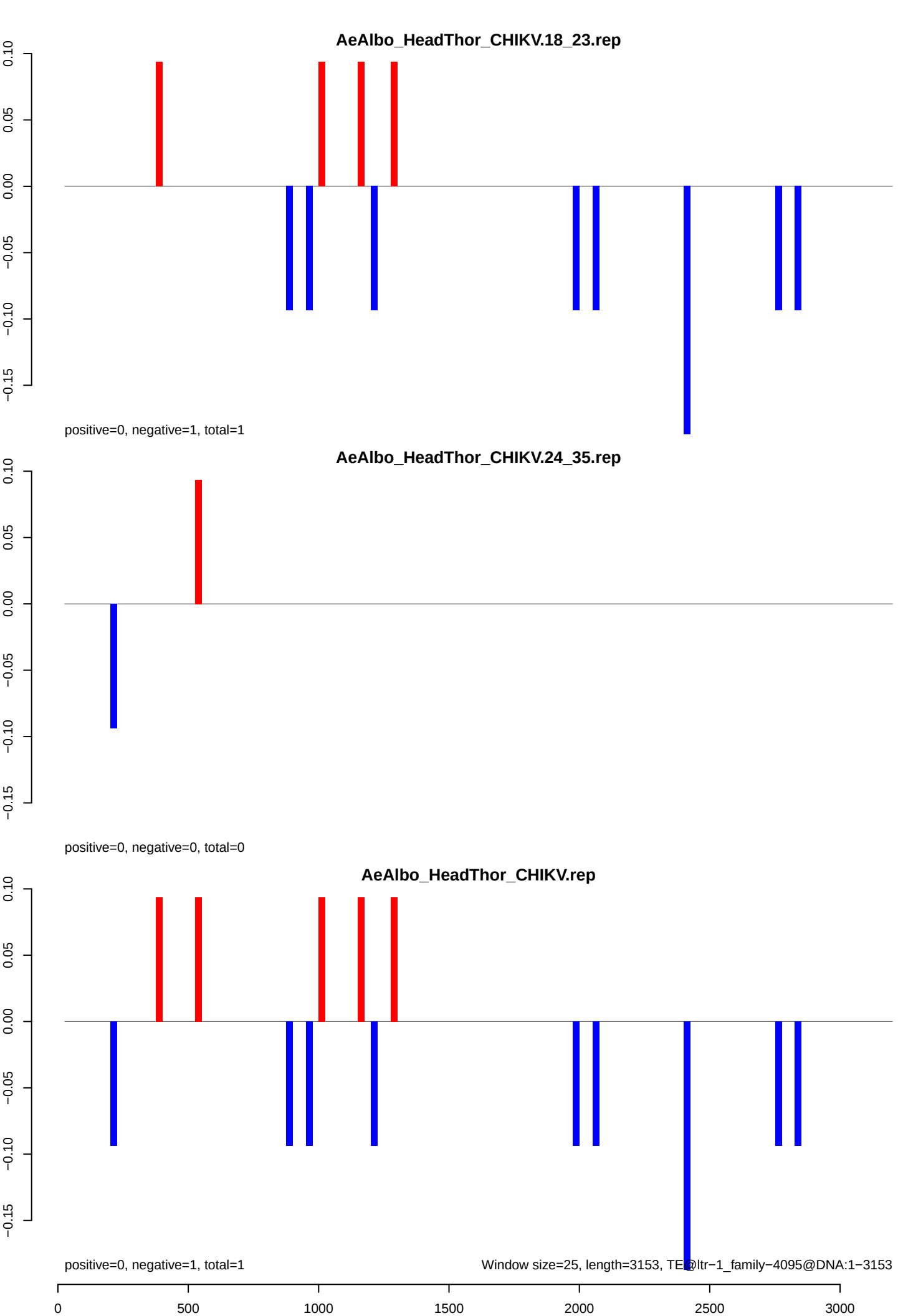

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=2433, TE@ltr−1_family−4328@Unknown:1−2433
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
500
1000
1500
2000
2500

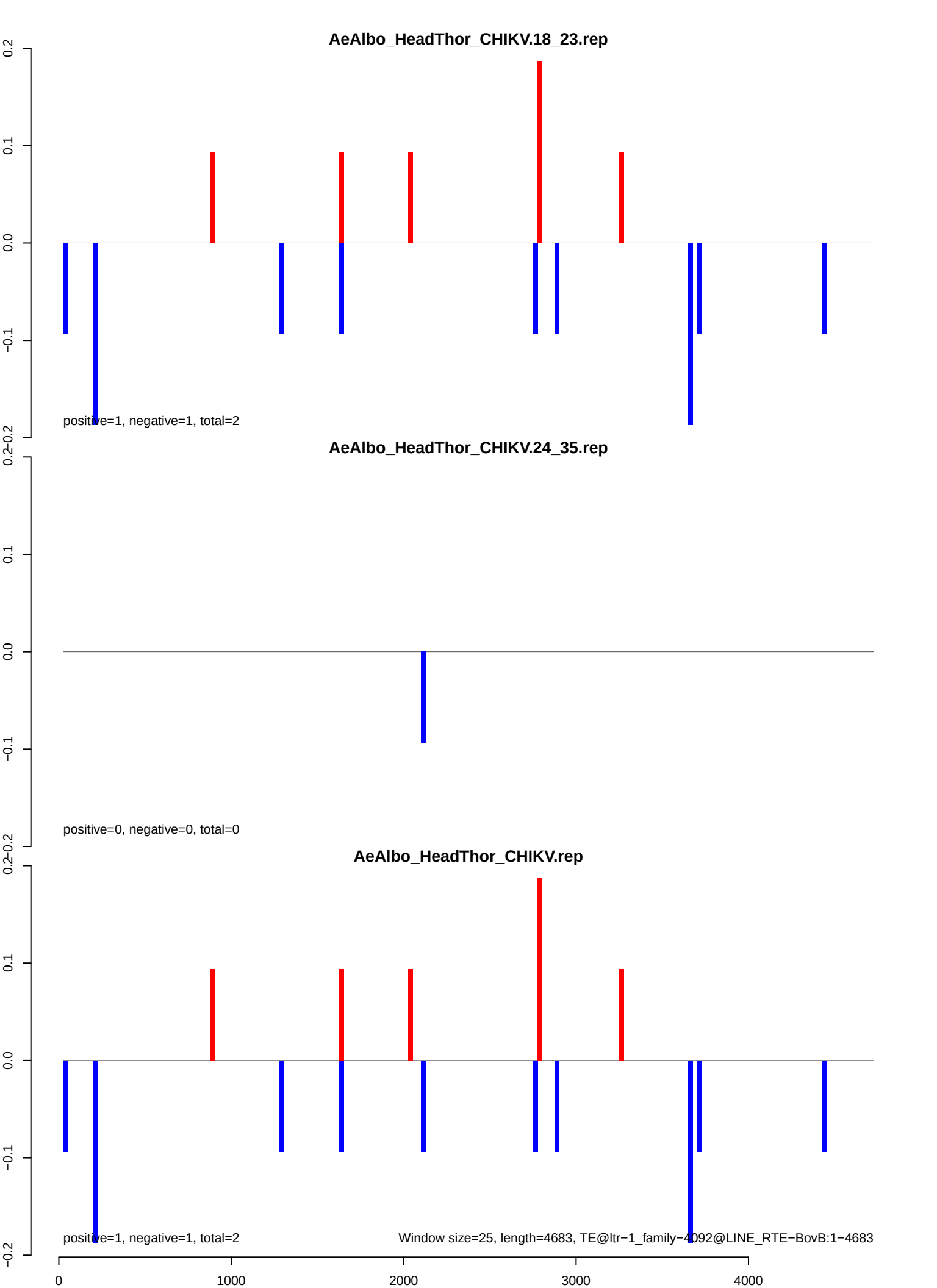

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=1, negative=5, total=6
Window size=25, length=3158, TE@ltr−1_family−4190@DNA_MULE−MuDR:1−3158
0
500
1000
1500
2000
2500
3000

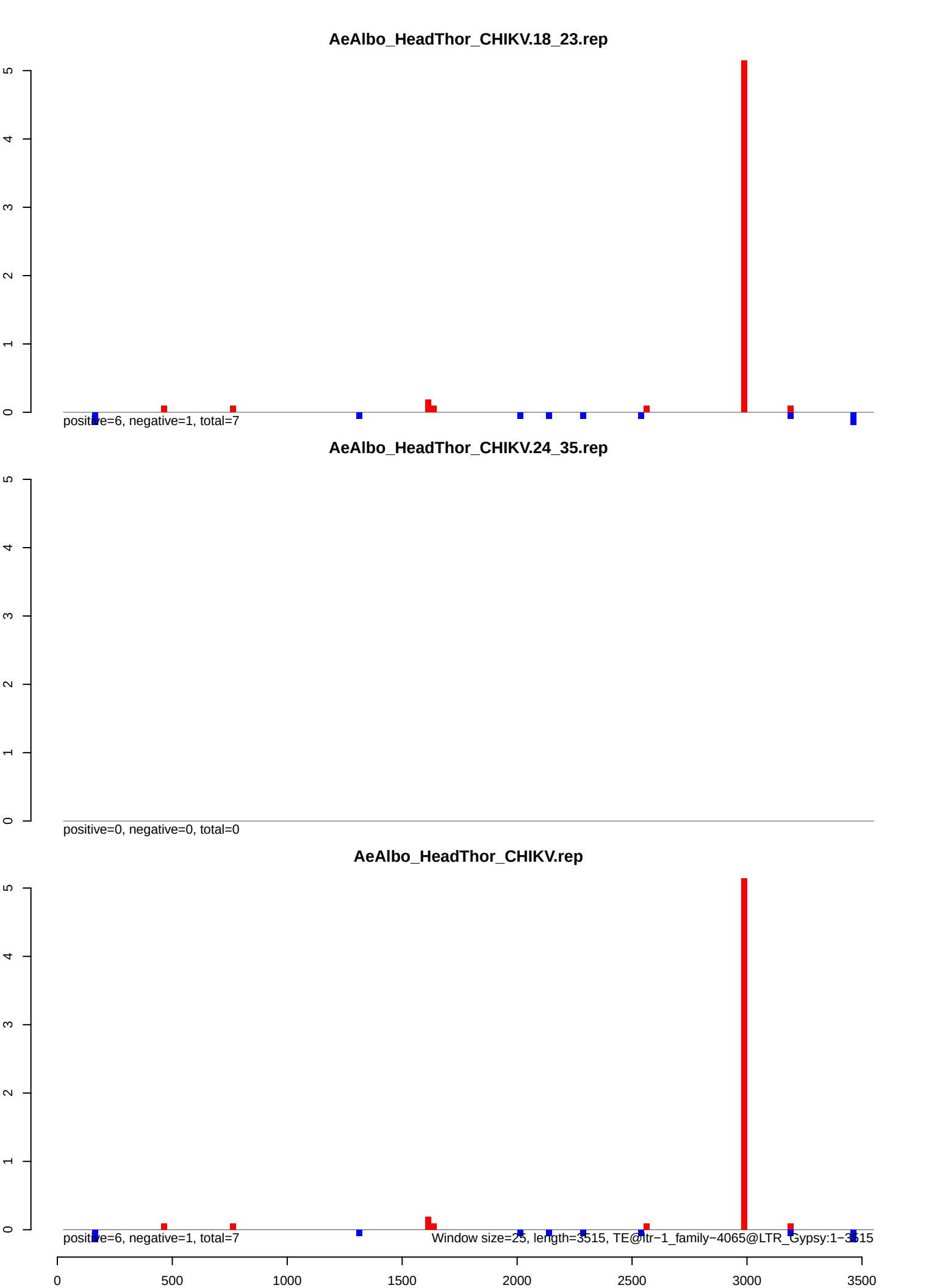

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=4560, TE@ltr−1_family−4170@LTR_Gypsy:1−4560
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000

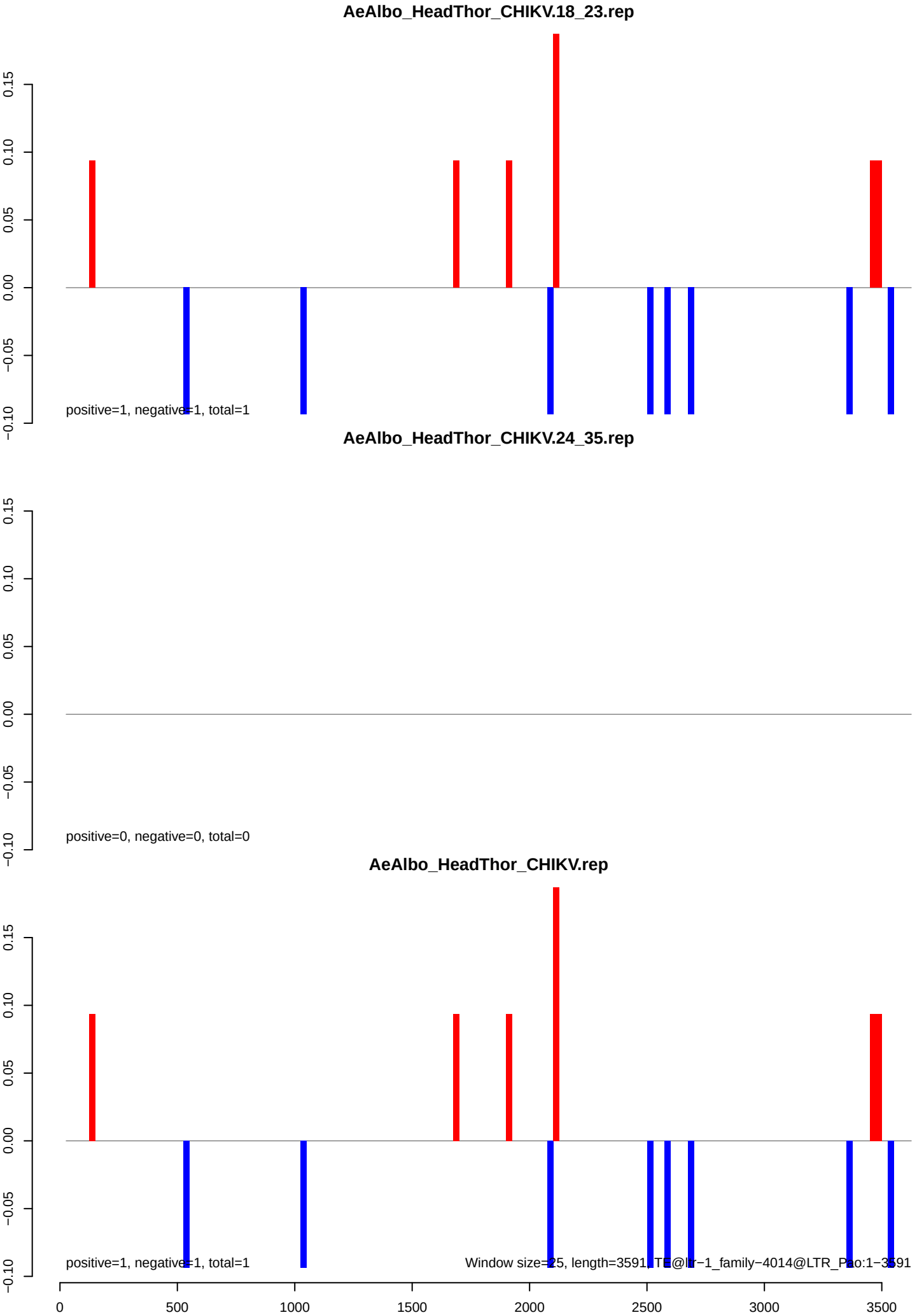

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=2, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=2, total=7
Window size=25, length=1396, TE@ltr−1_family−4146@LTR_Gypsy:1−1396
1.5
1.0
0.5
0.0
−0.5
−1.0
0
200
400
600
800
1000
1200
1400

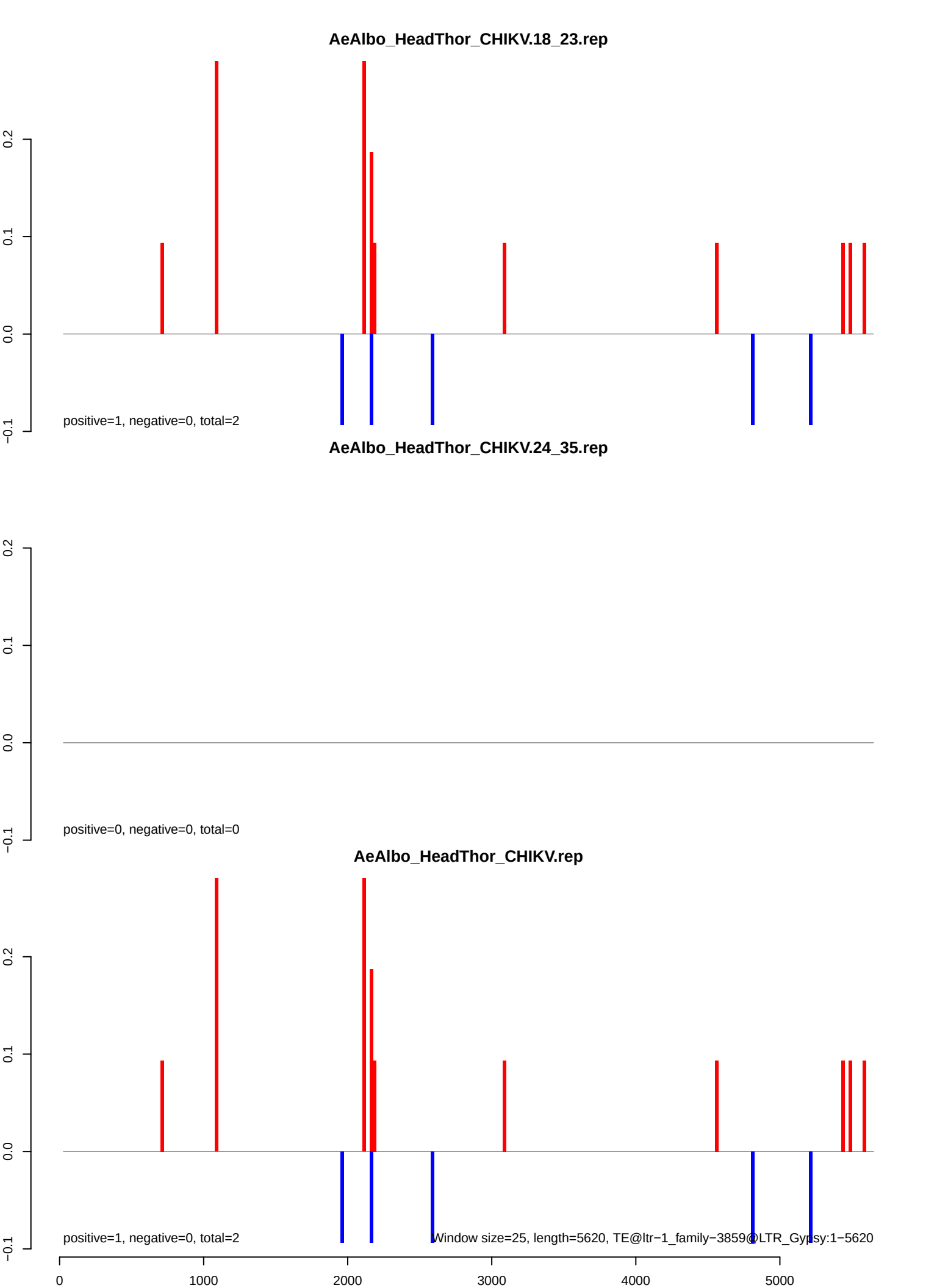

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=23, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=23, total=23
Window size=25, length=4560, TE@ltr−1_family−4117@LTR_Pao:1−4560
0
1000
2000
3000
4000

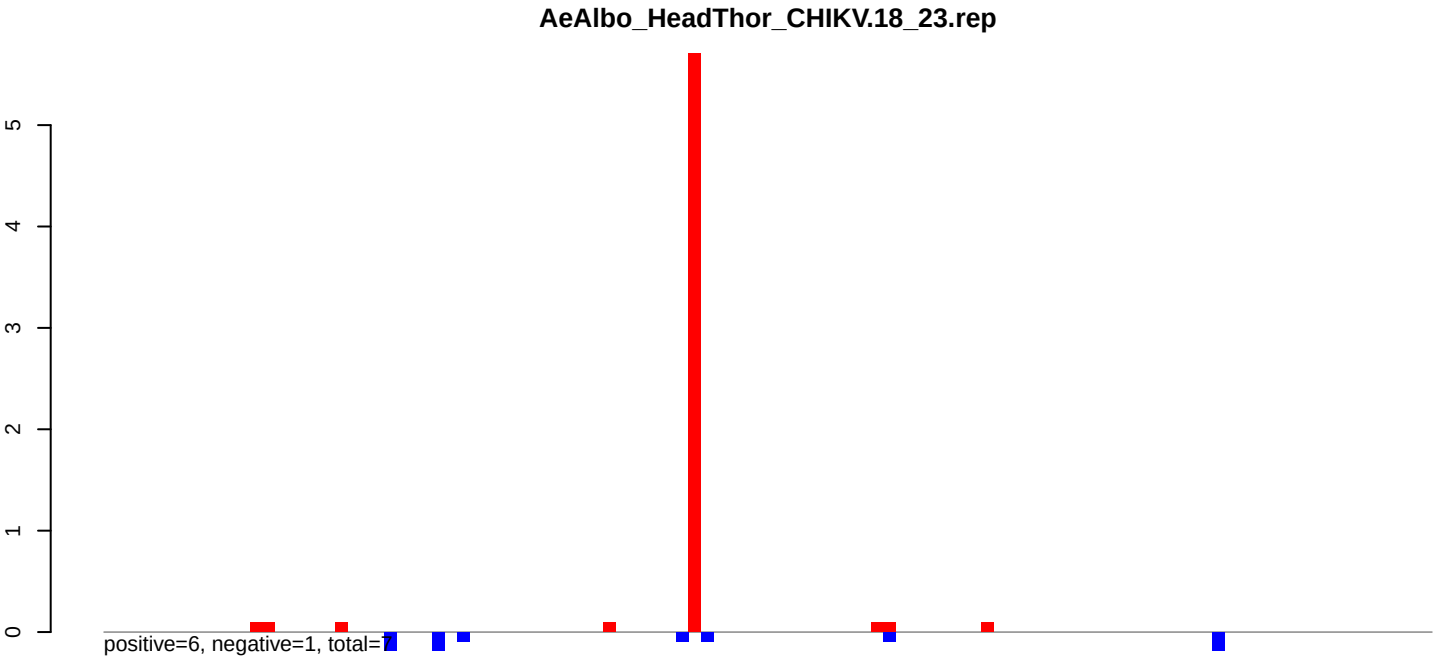

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=3153, TE@ltr−1_family−4095@DNA:1−3153
0
500
1000
1500
2000
2500
3000

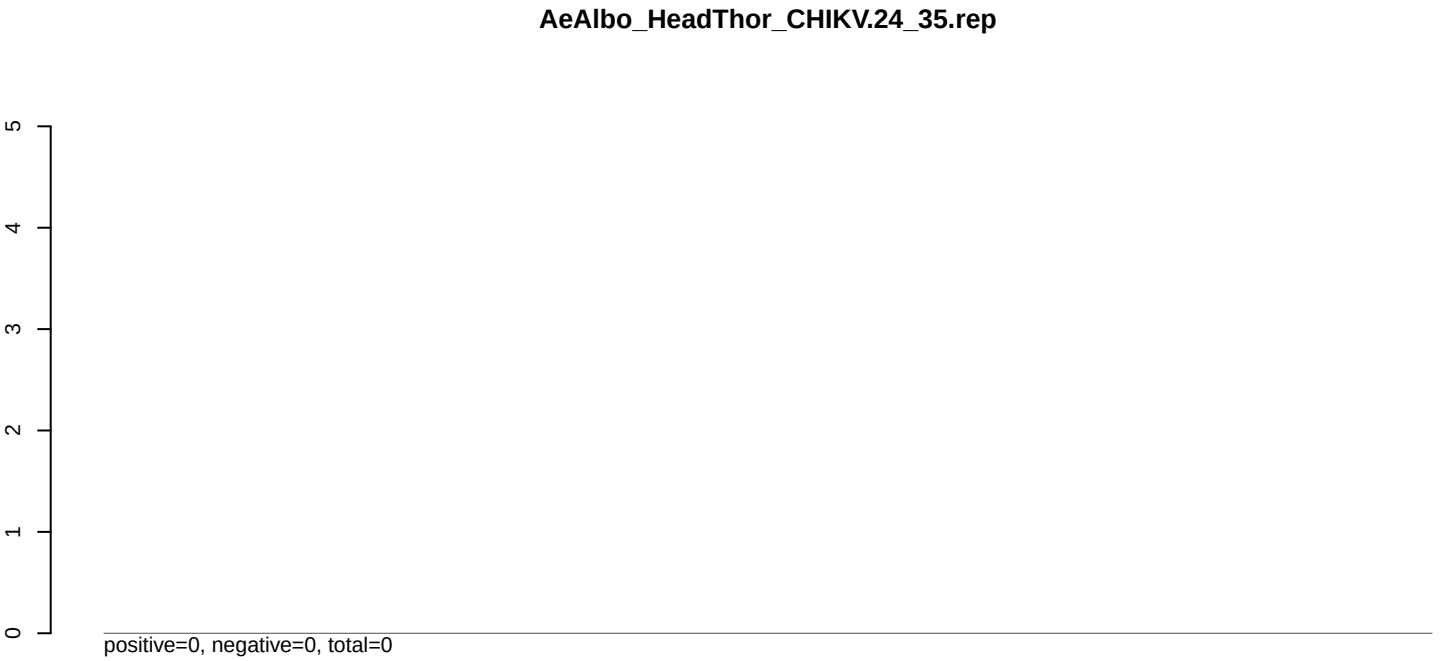

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=4683, TE@ltr−1_family−4092@LINE_RTE−BovB:1−4683
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000

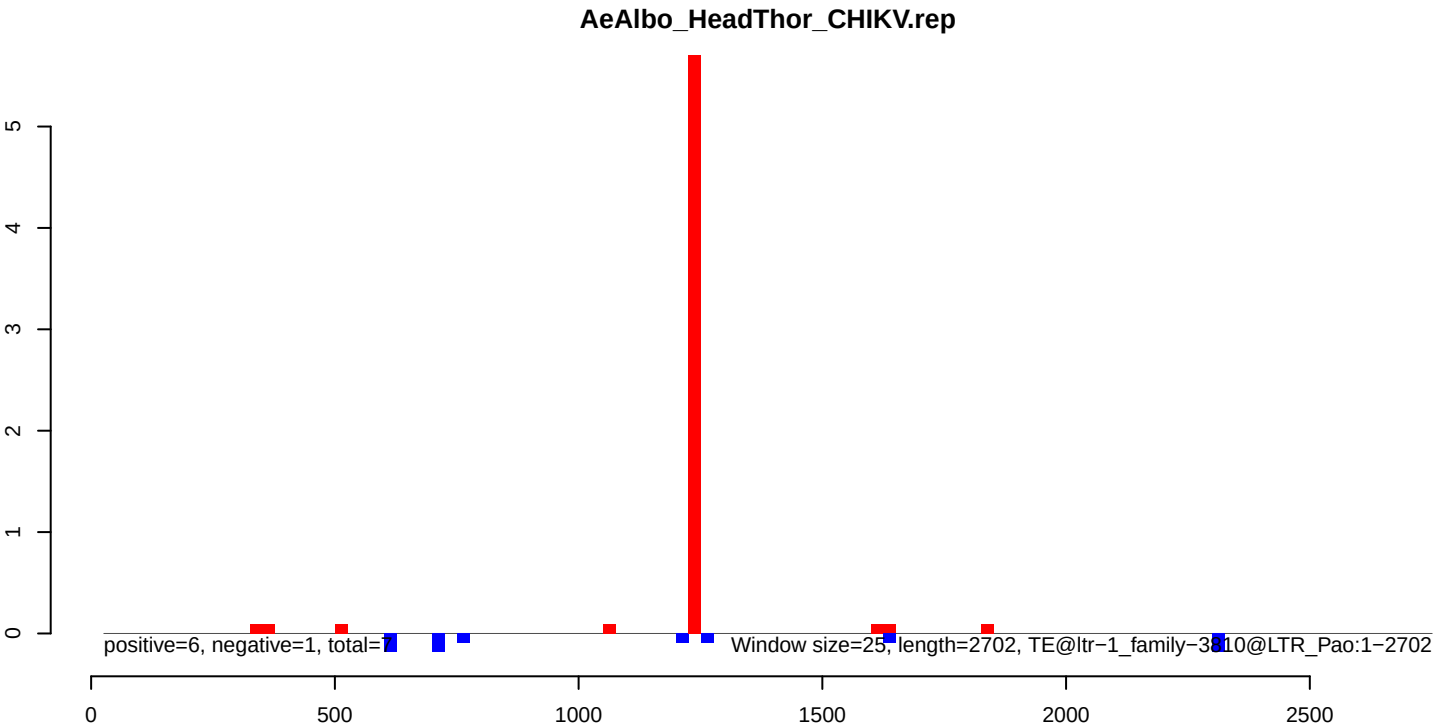

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
positive=6, negative=1, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=6, negative=1, total=7
Window size=25, length=3515, TE@ltr−1_family−4065@LTR_Gypsy:1−3515
0
500
1000
1500
2000
2500
3000
3500

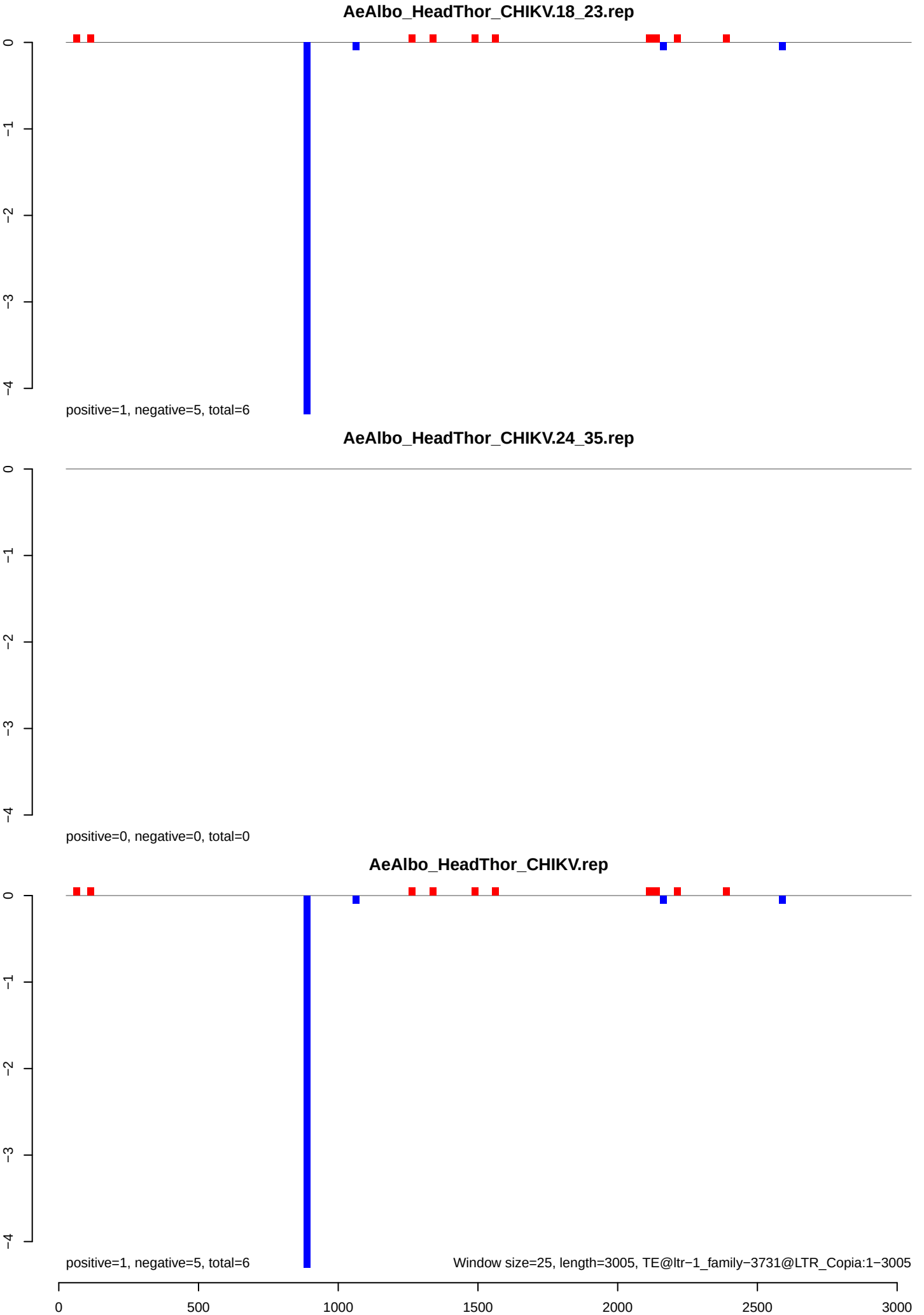

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=1
Window size=25, length=3591, LTR@ltr−1_family−4014@LTR_Pao:1−3591
0
500
1000
1500
2000
2500
3000
3500

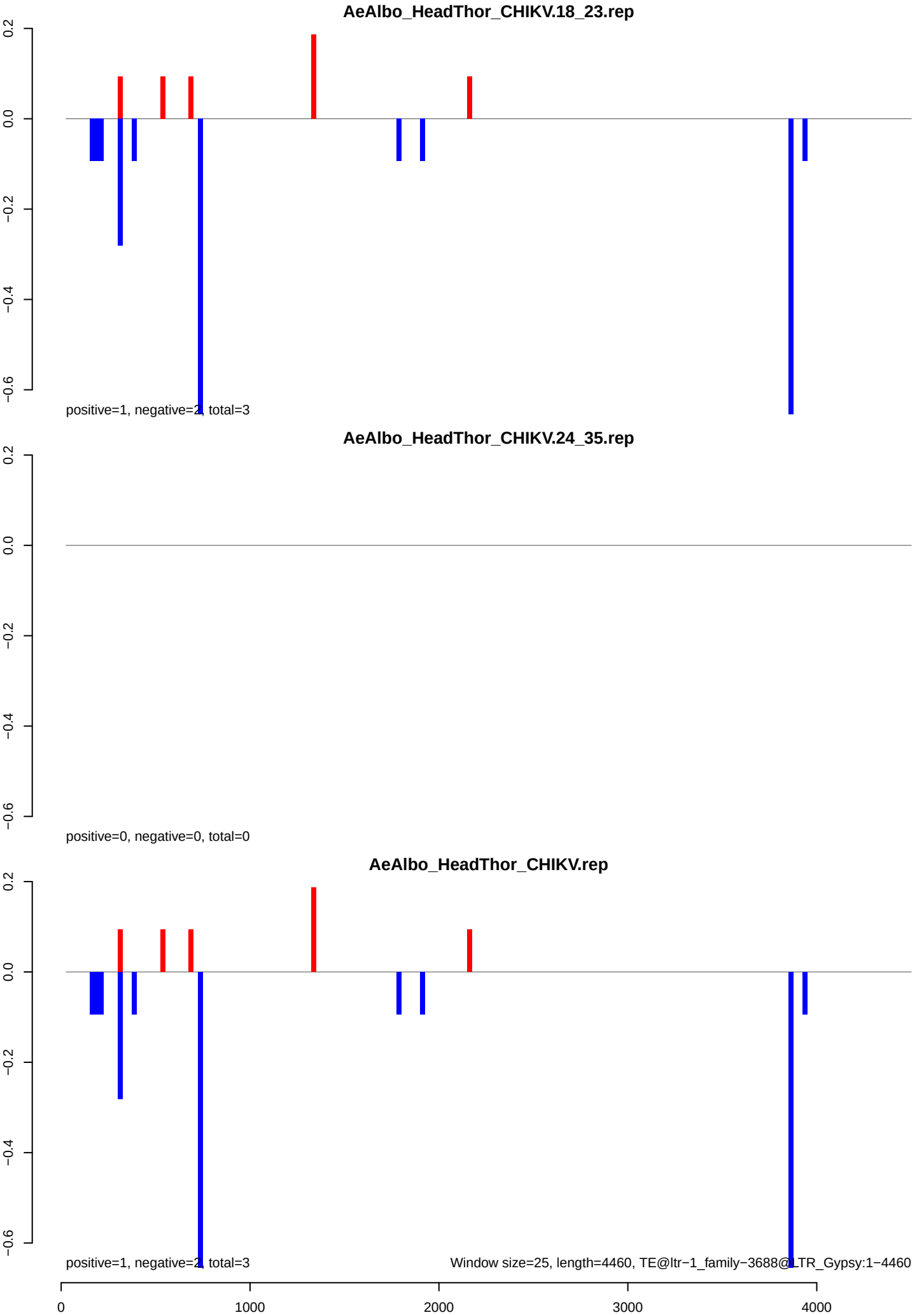

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=2
Window size=25, length=5620, TE@ltr−1_family−3859@LTR_Gypsy:1−5620
0
1000
2000
3000
4000
5000

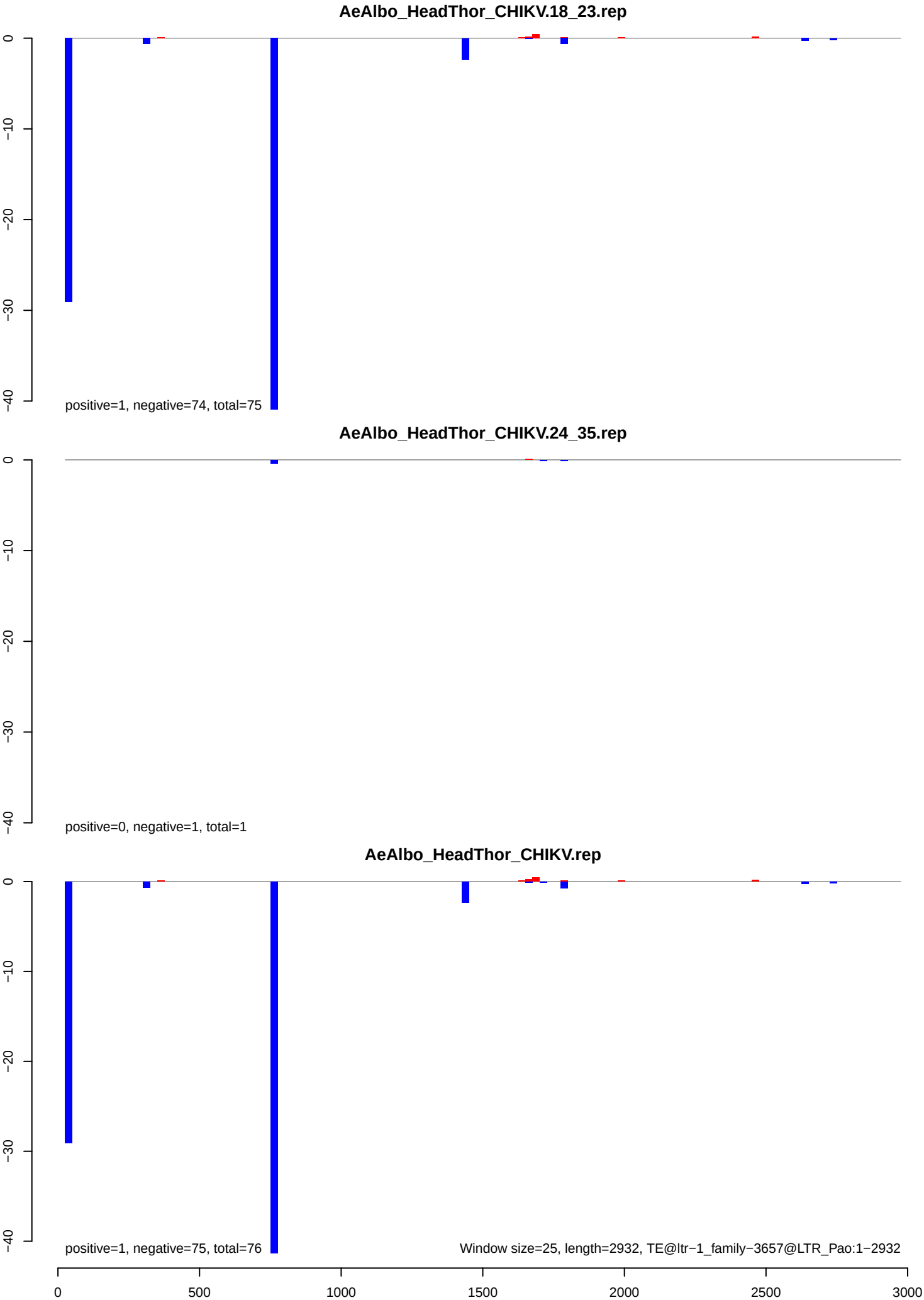

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
positive=6, negative=1, total=7

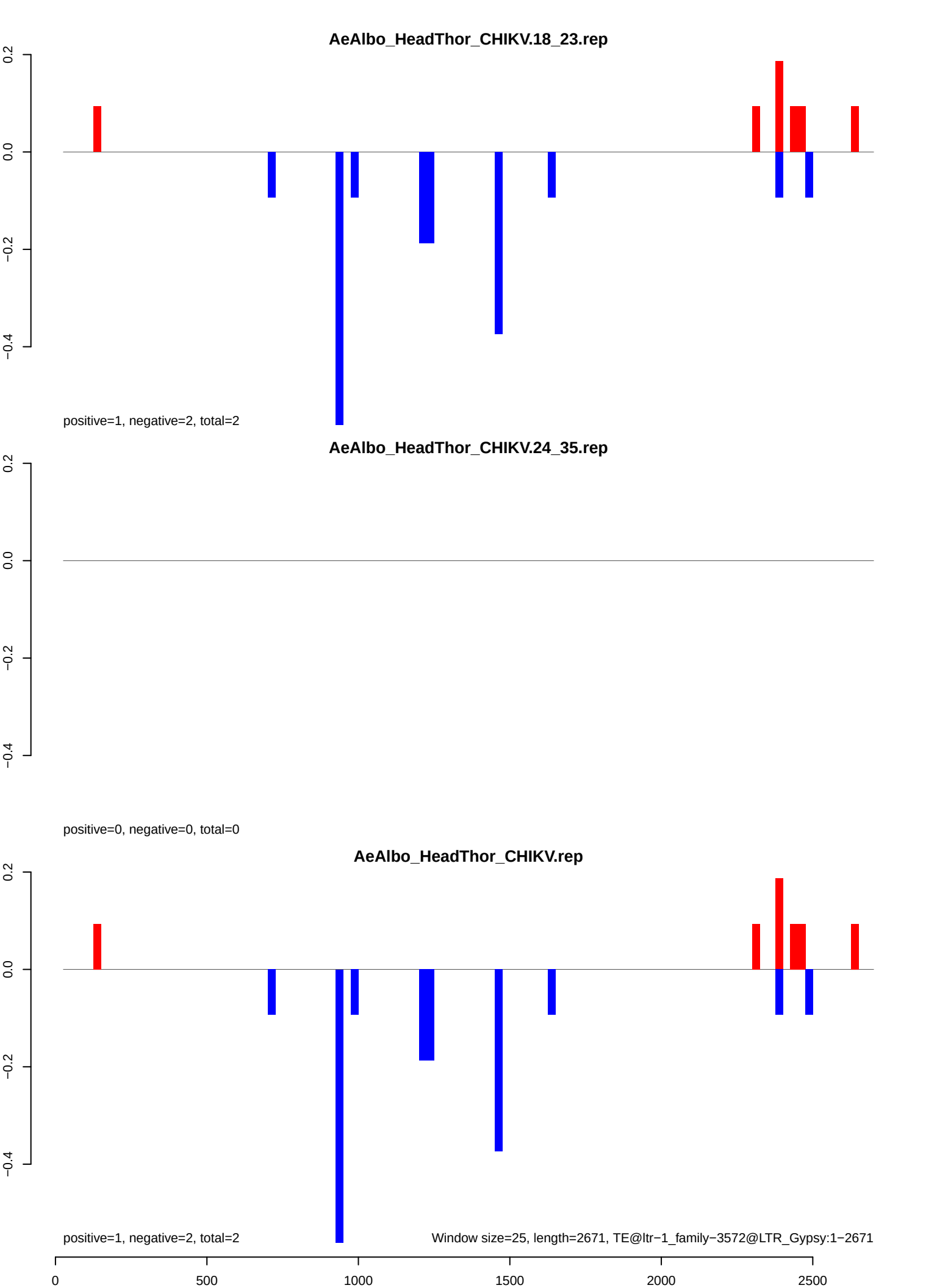

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
positive=0, negative=0, total=0

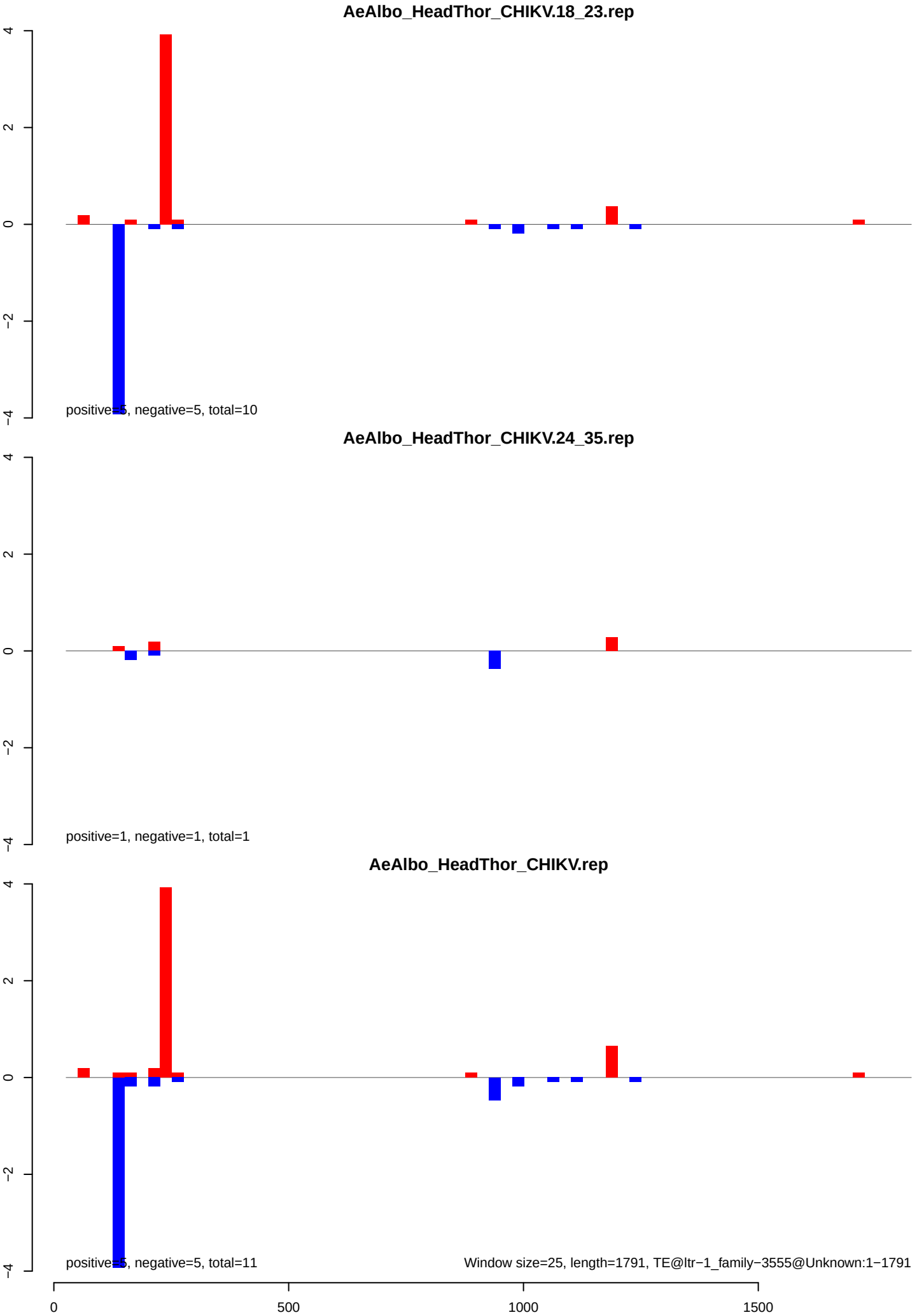

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=6, negative=1, total=7
Window size=25, length=2702, TE@ltr−1_family−3810@LTR_Pao:1−2702
0
500
1000
1500
2000
2500

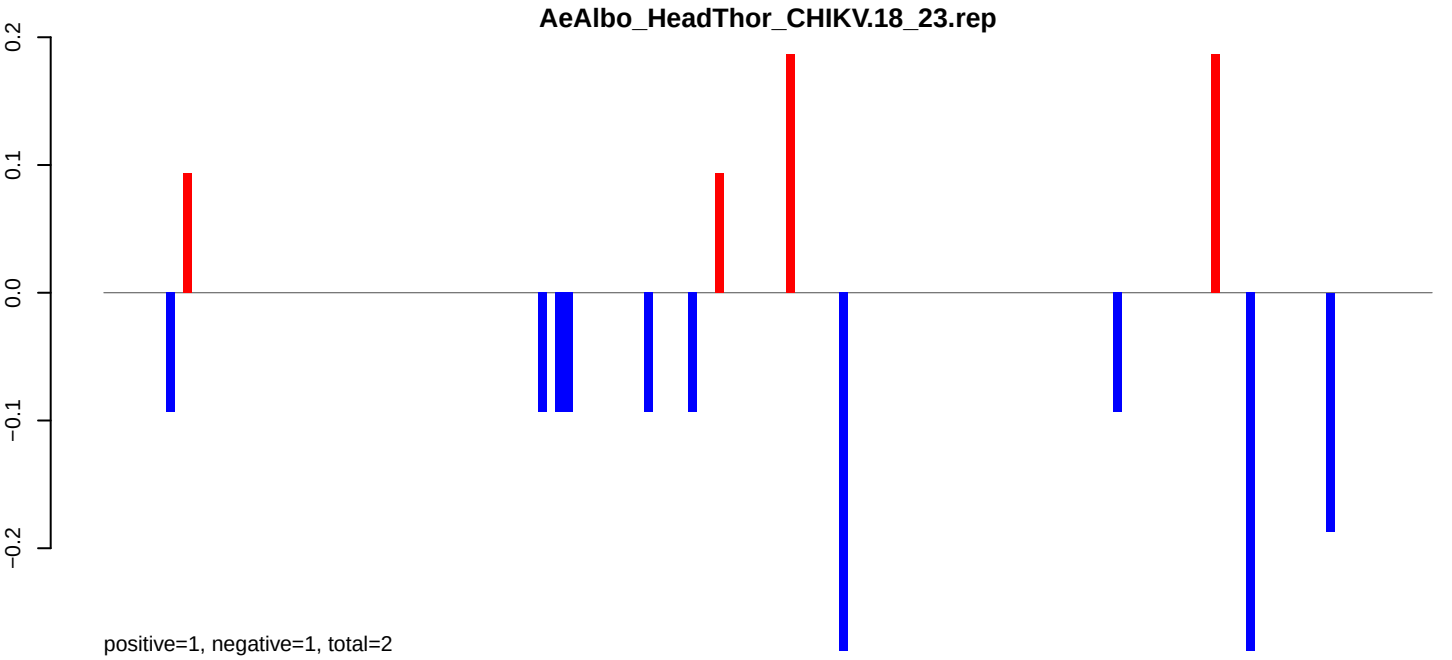

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=1, negative=5, total=6
Window size=25, length=3005, TE@ltr−1_family−3731@LTR_Copia:1−3005
0
500
1000
1500
2000
2500
3000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
Window size=25, length=4460, TE@ltr−1_family−3688@LTR_Gypsy:1−4460
0
1000
2000
3000
4000

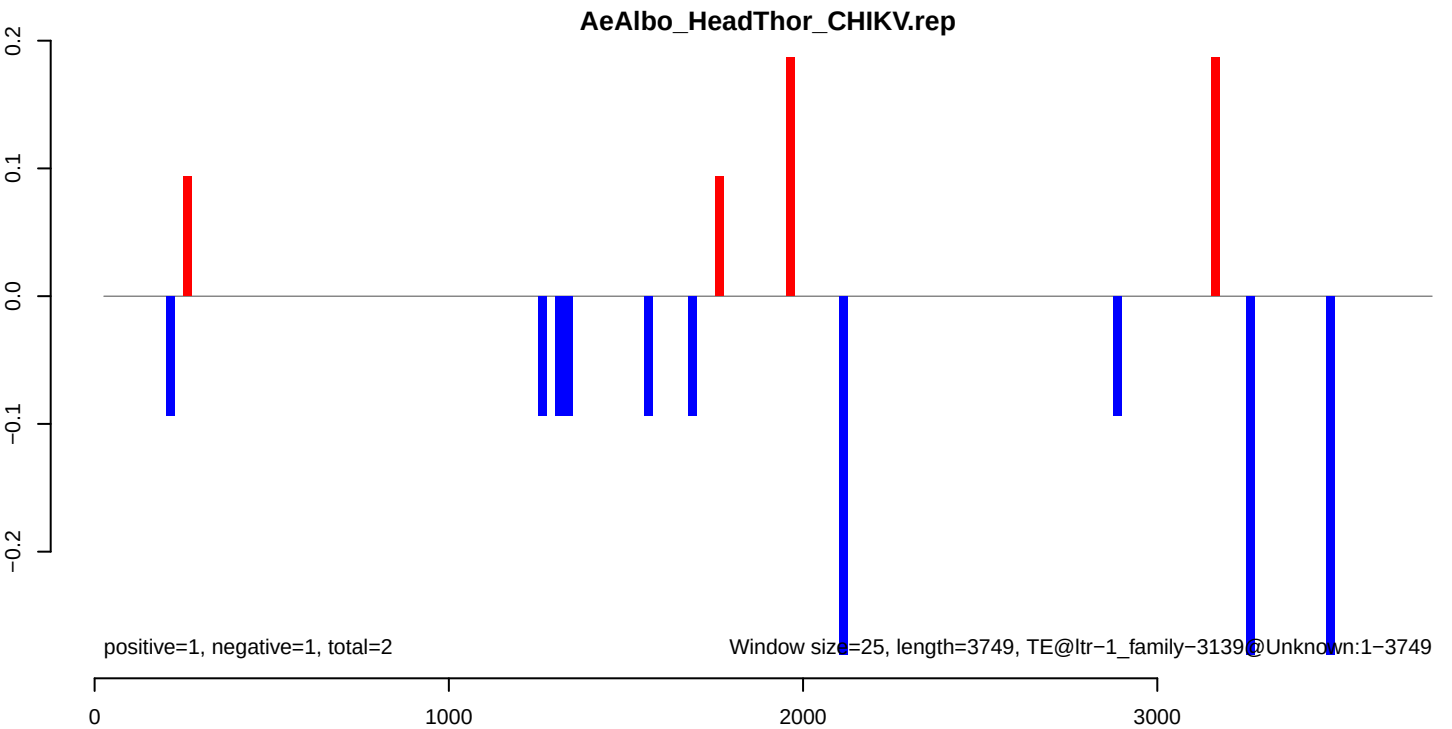

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=1, negative=74, total=75
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=1, negative=75, total=76
Window size=25, length=2932, TE@ltr−1_family−3657@LTR_Pao:1−2932
0
500
1000
1500
2000
2500
3000

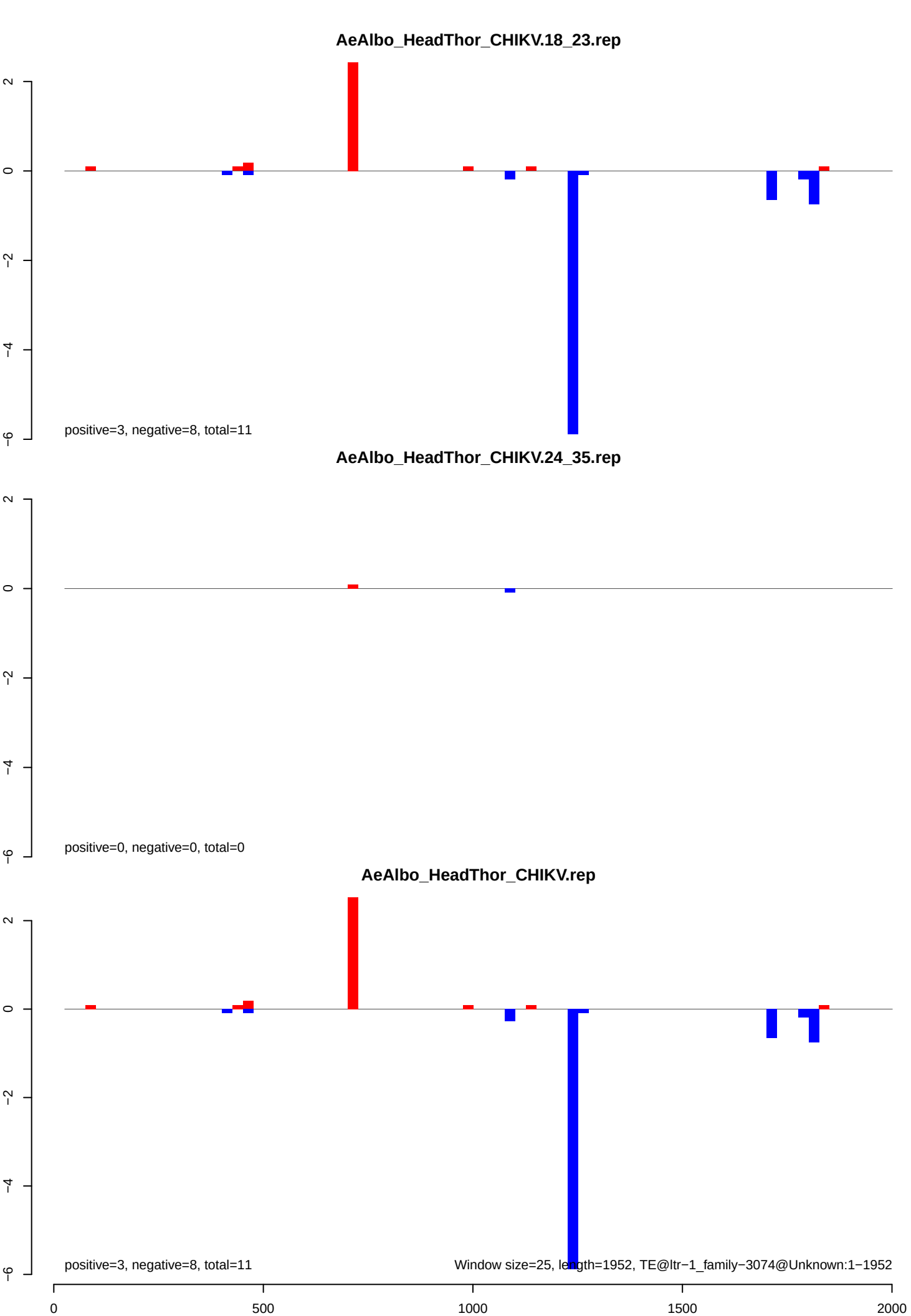

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=2
Window size=25, length=2671, TE@ltr−1_family−3572@LTR_Gypsy:1−2671
0
500
1000
1500
2000
2500

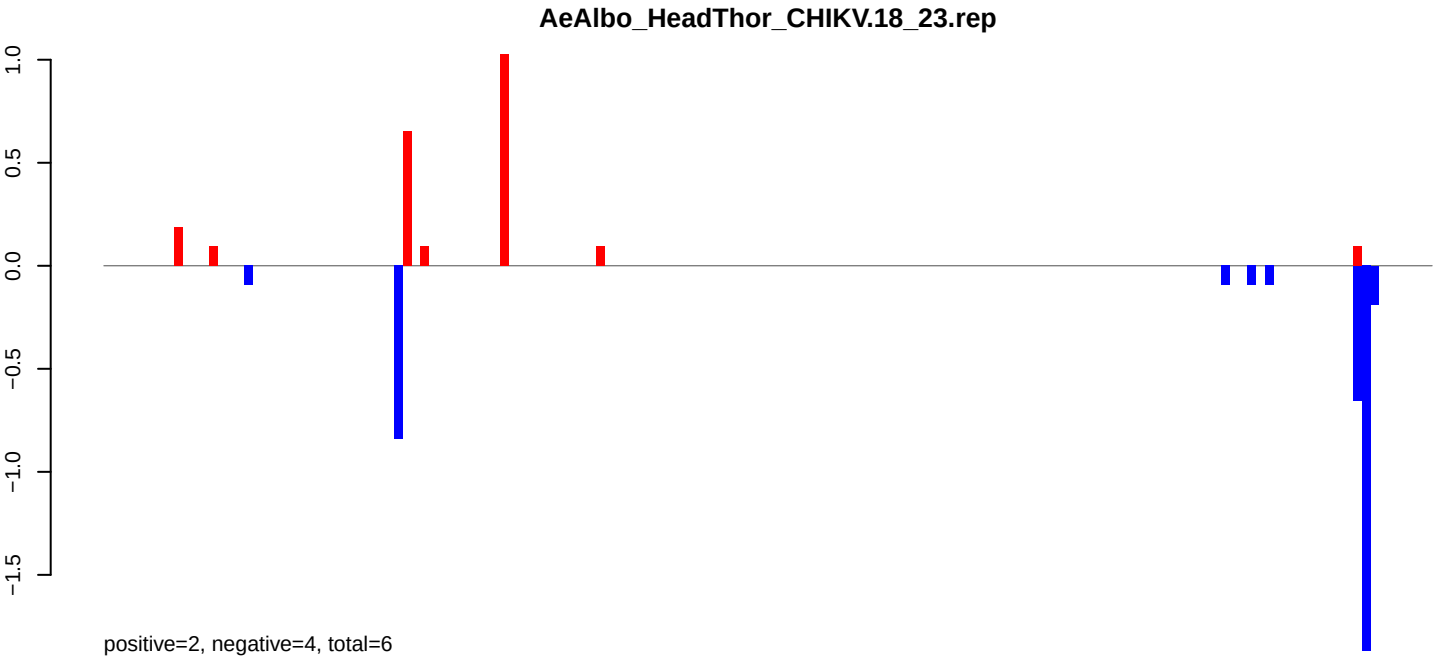

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=5, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=5, total=11
Window size=25, length=1791, TE@ltr−1_family−3555@Unknown:1−1791
4
2
0
−2
−4
0
500
1000
1500

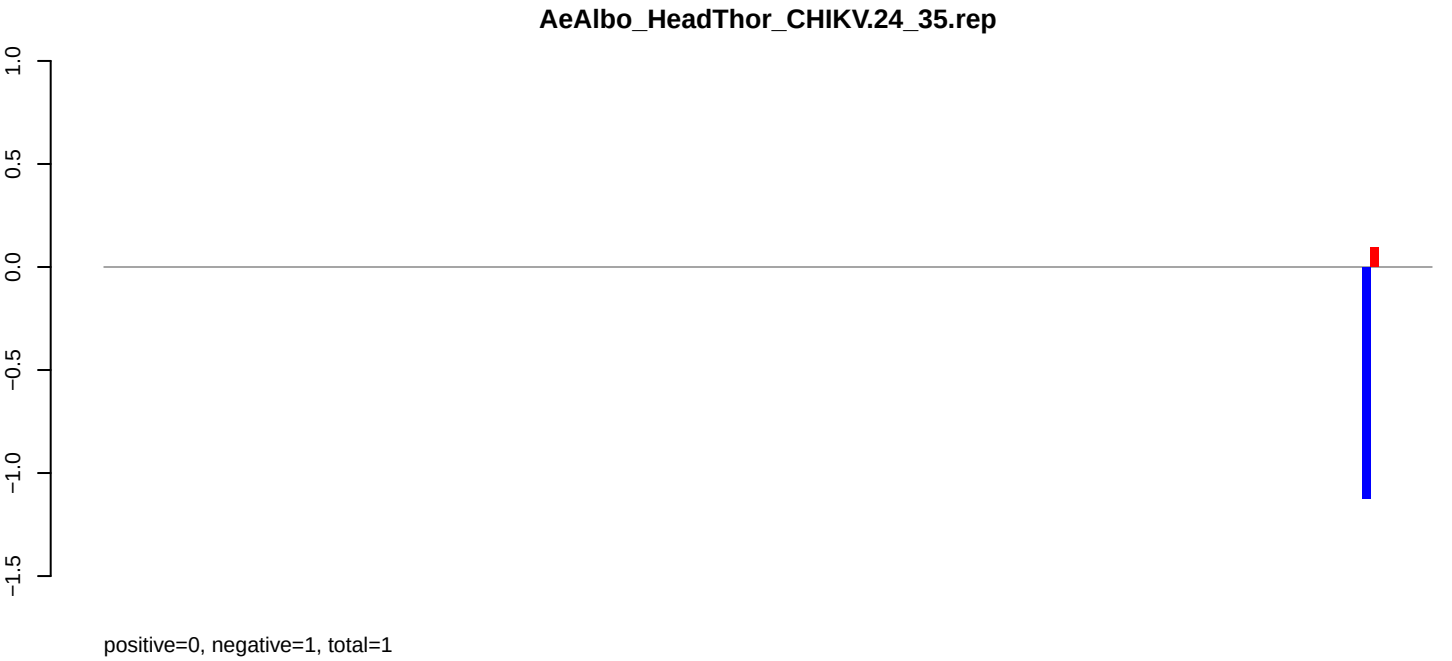

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2

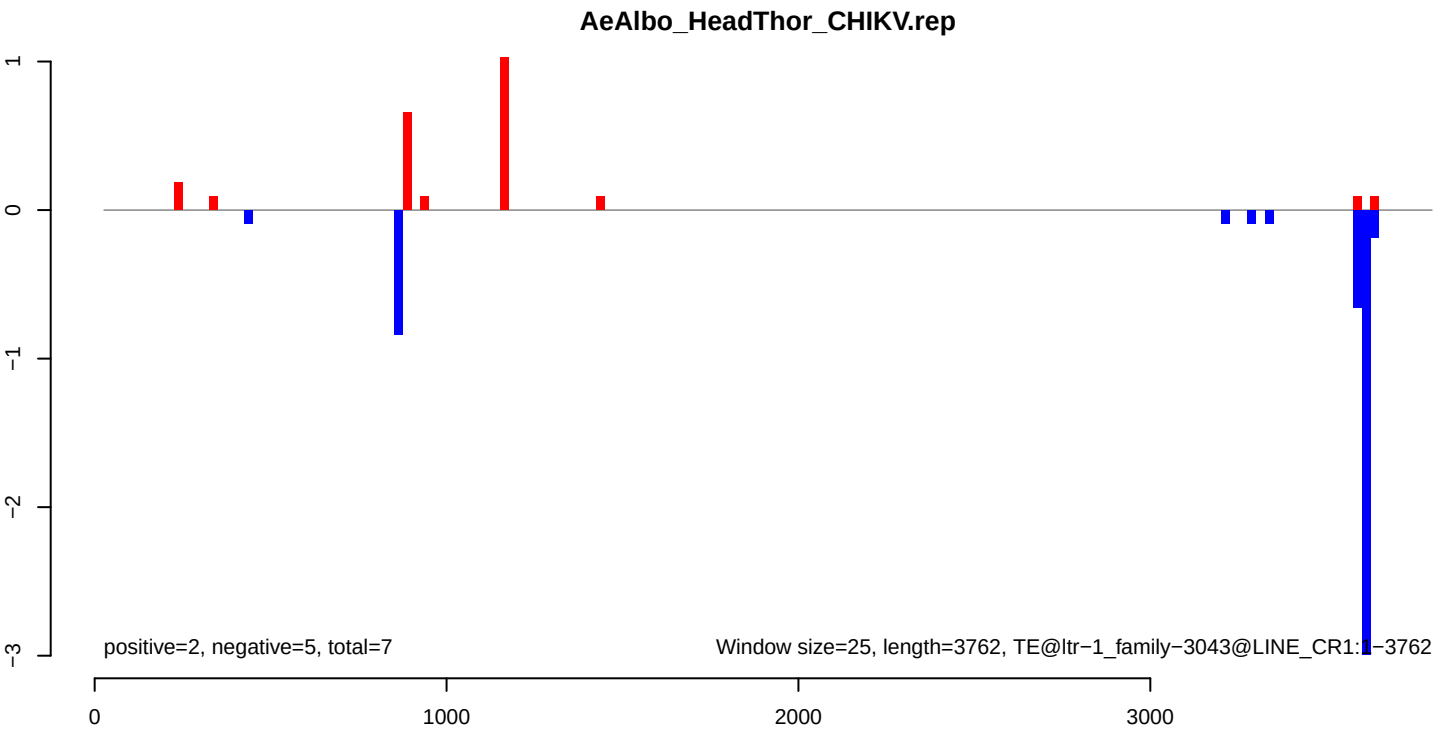
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

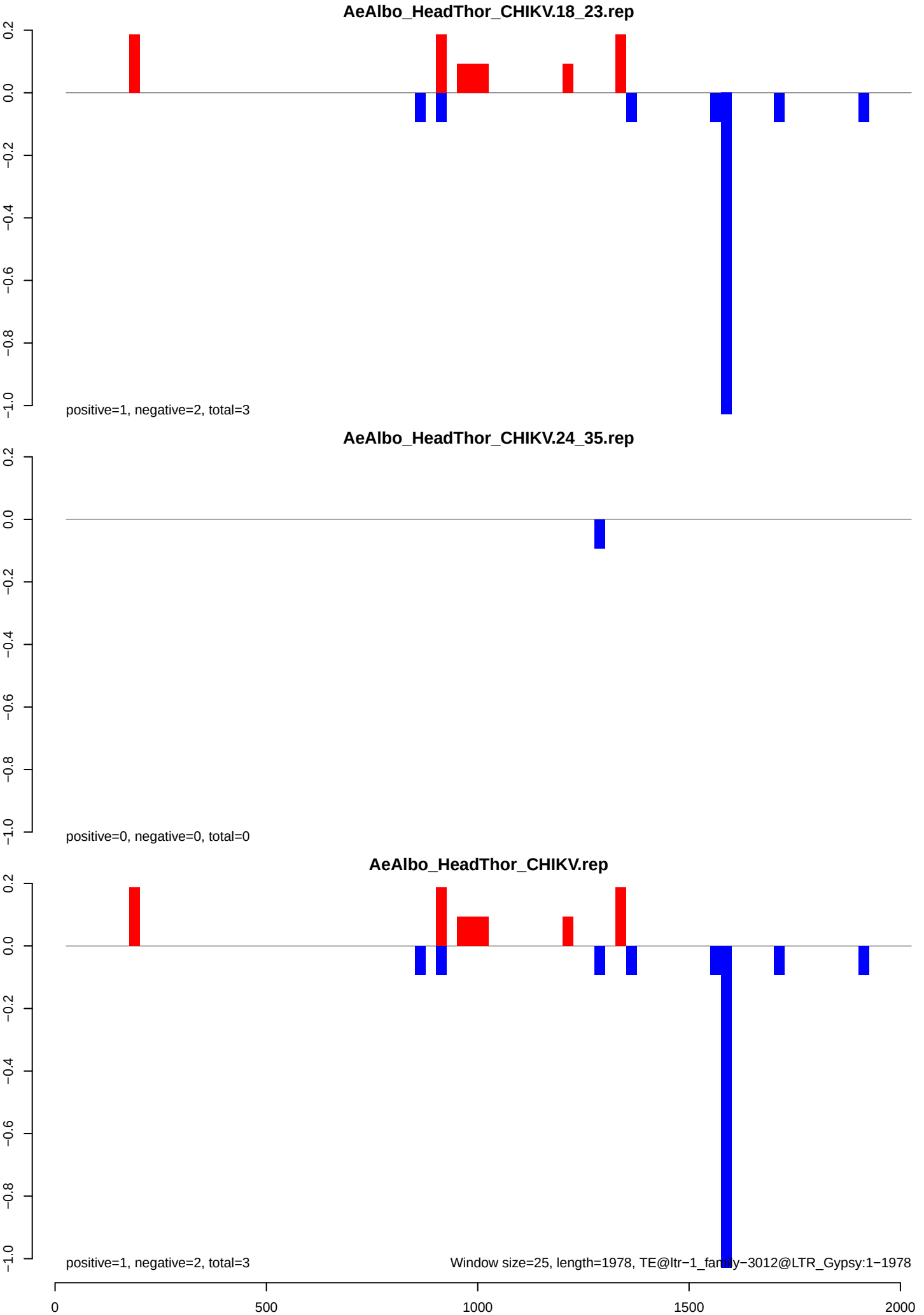

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=3749, TE@ltr−1_family−3139@Unknown:1−3749
0
1000
2000
3000

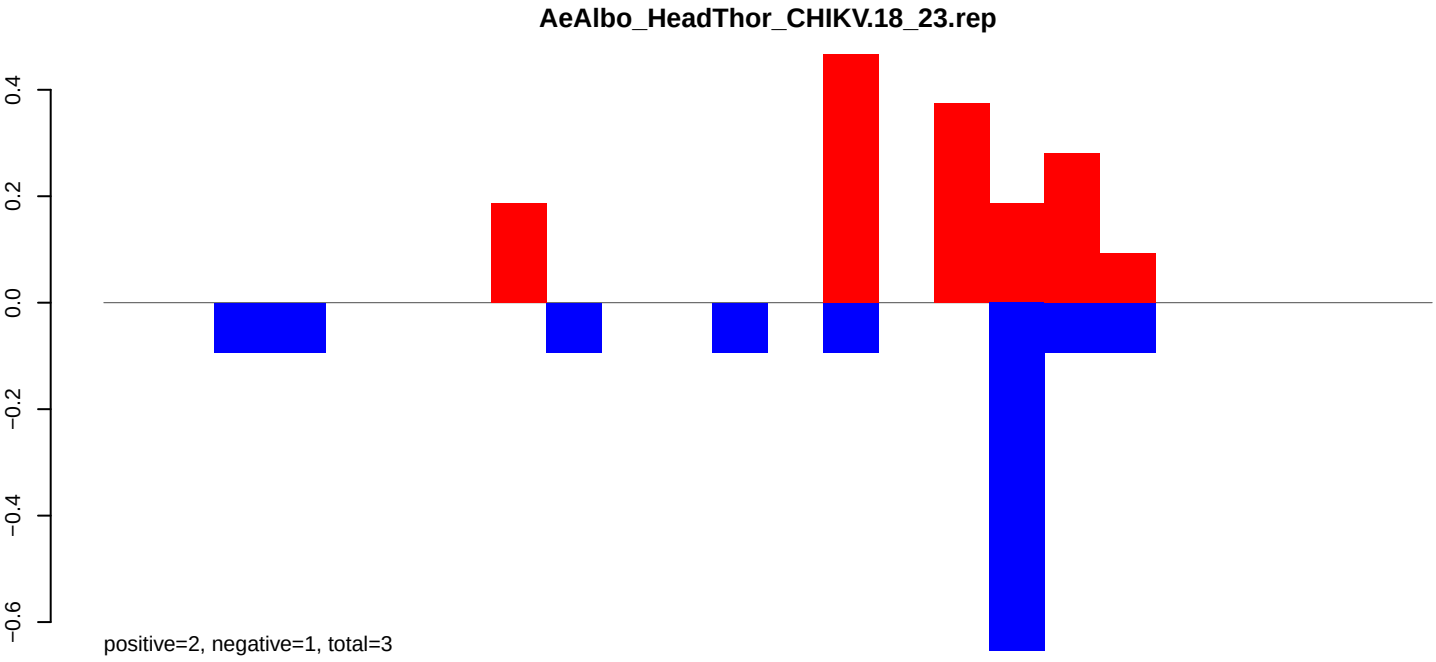

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=8, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=8, total=11
Window size=25, length=1952, TE@ltr−1_family−3074@Unknown:1−1952
2
0
−2
−4
−6
0
500
1000
1500
2000

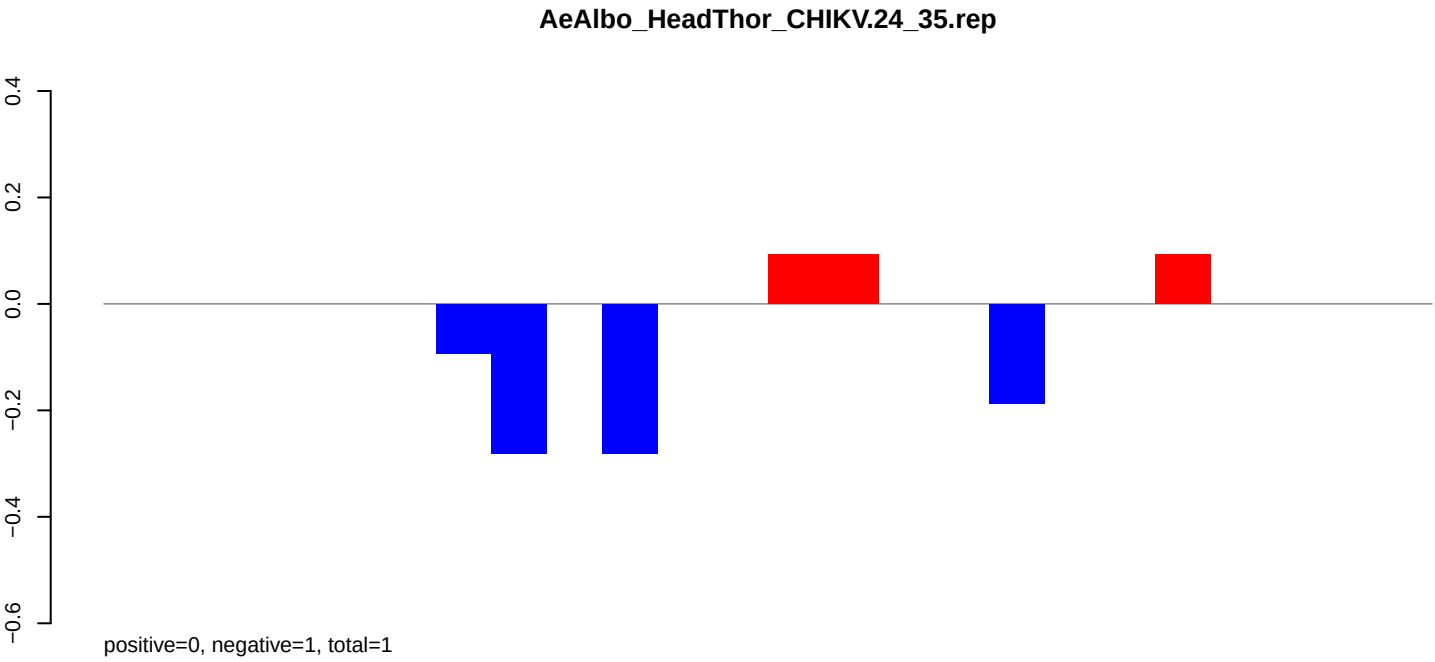

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=4, total=6

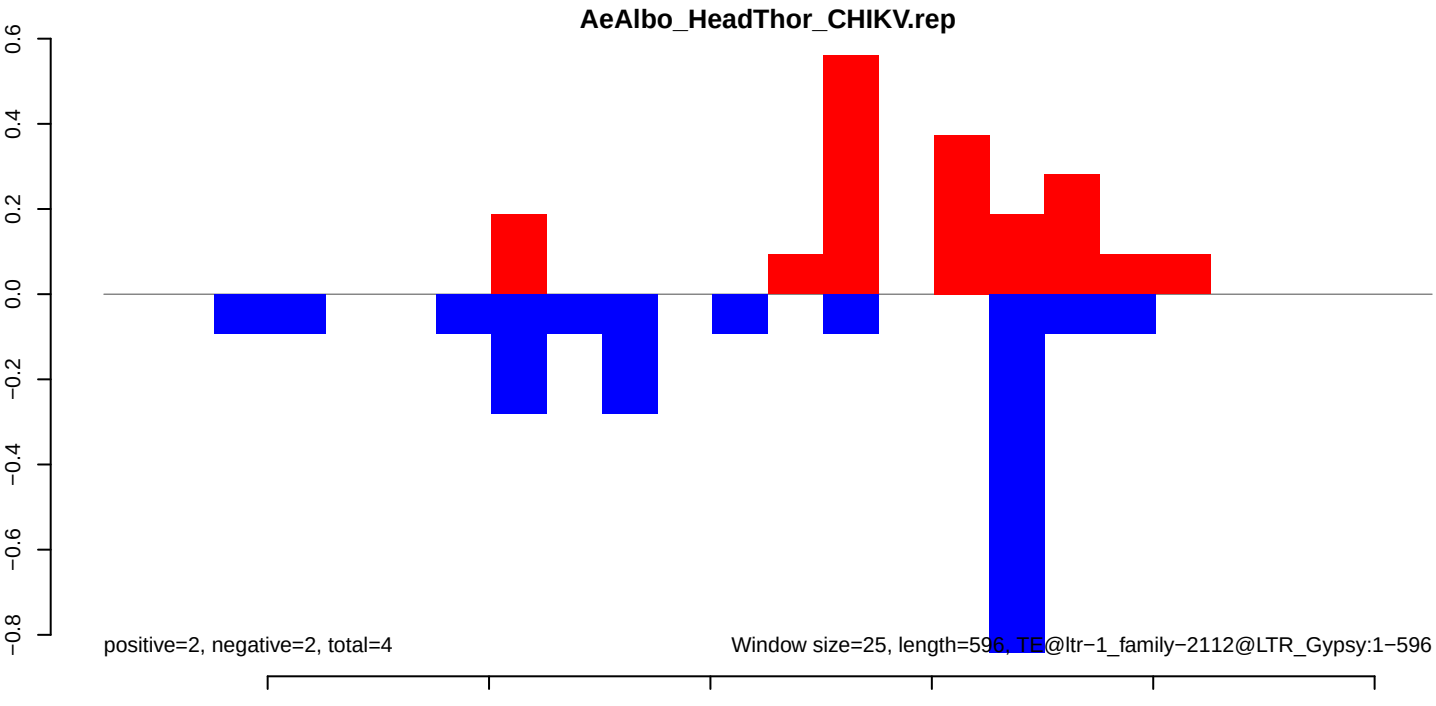

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=1, total=1

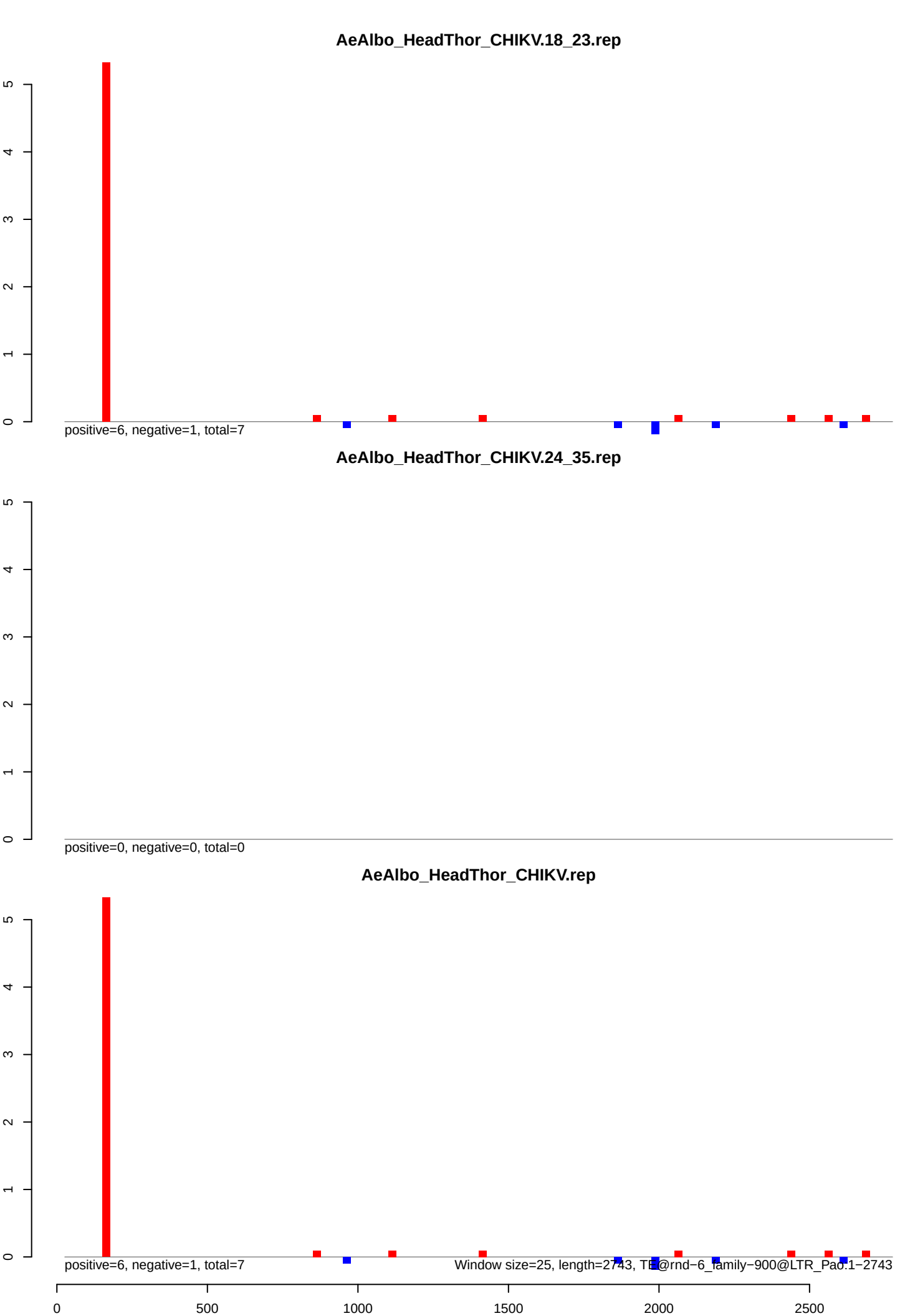

AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
positive=2, negative=5, total=7
Window size=25, length=3762, TE@ltr−1_family−3043@LINE_CR1:1−3762
0
1000
2000
3000

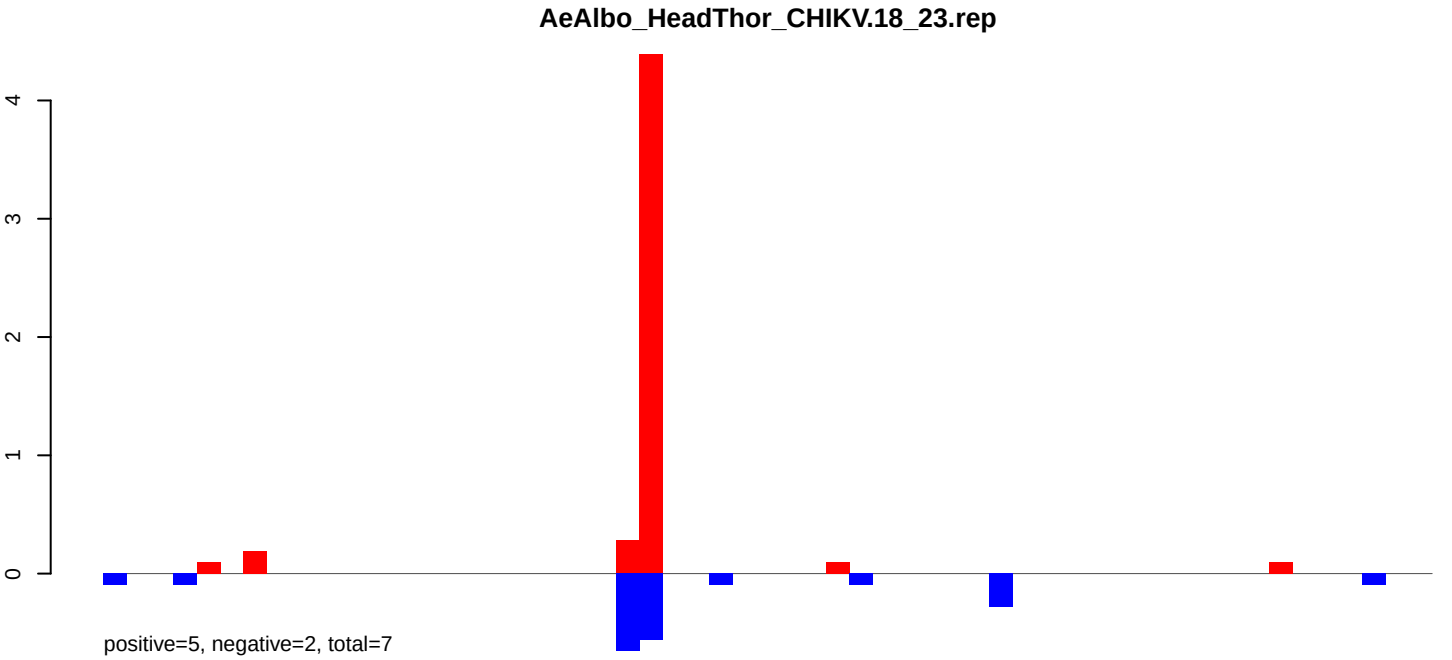

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=1978, TE@ltr−1_family−3012@LTR_Gypsy:1−1978
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
500
1000
1500
2000

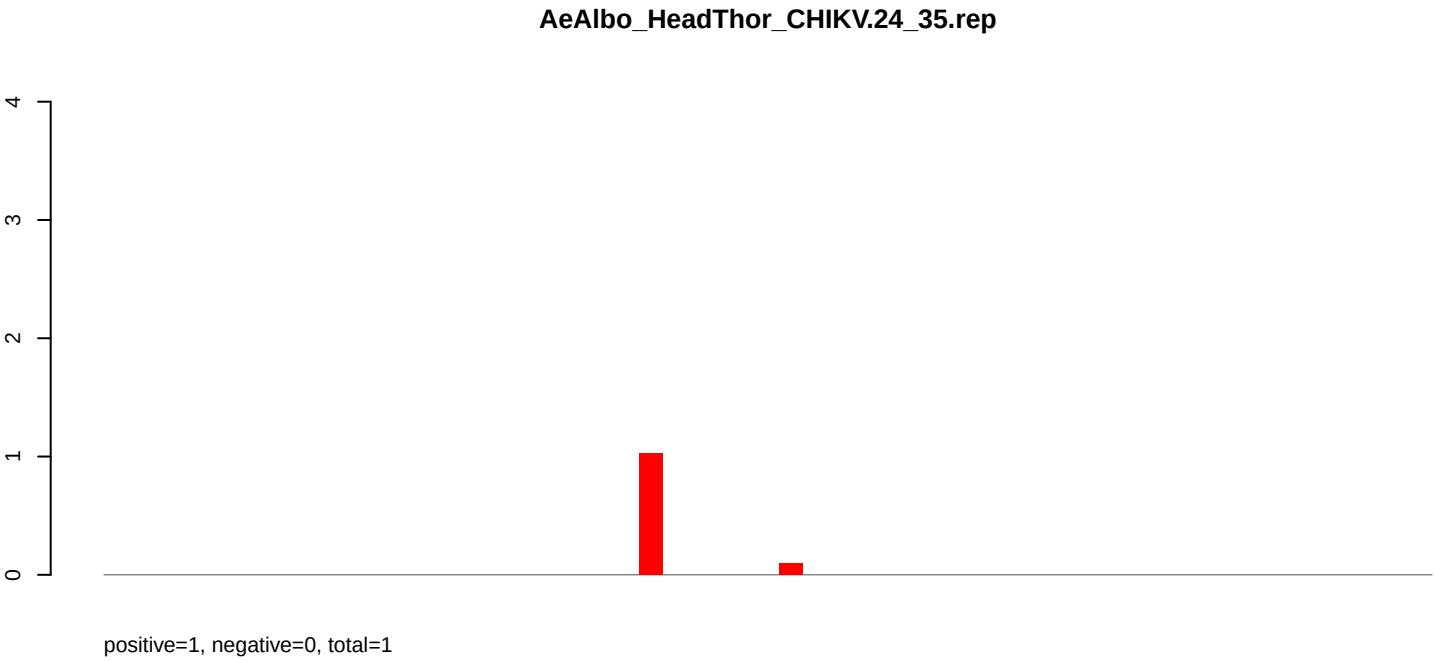

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=2, negative=1, total=3

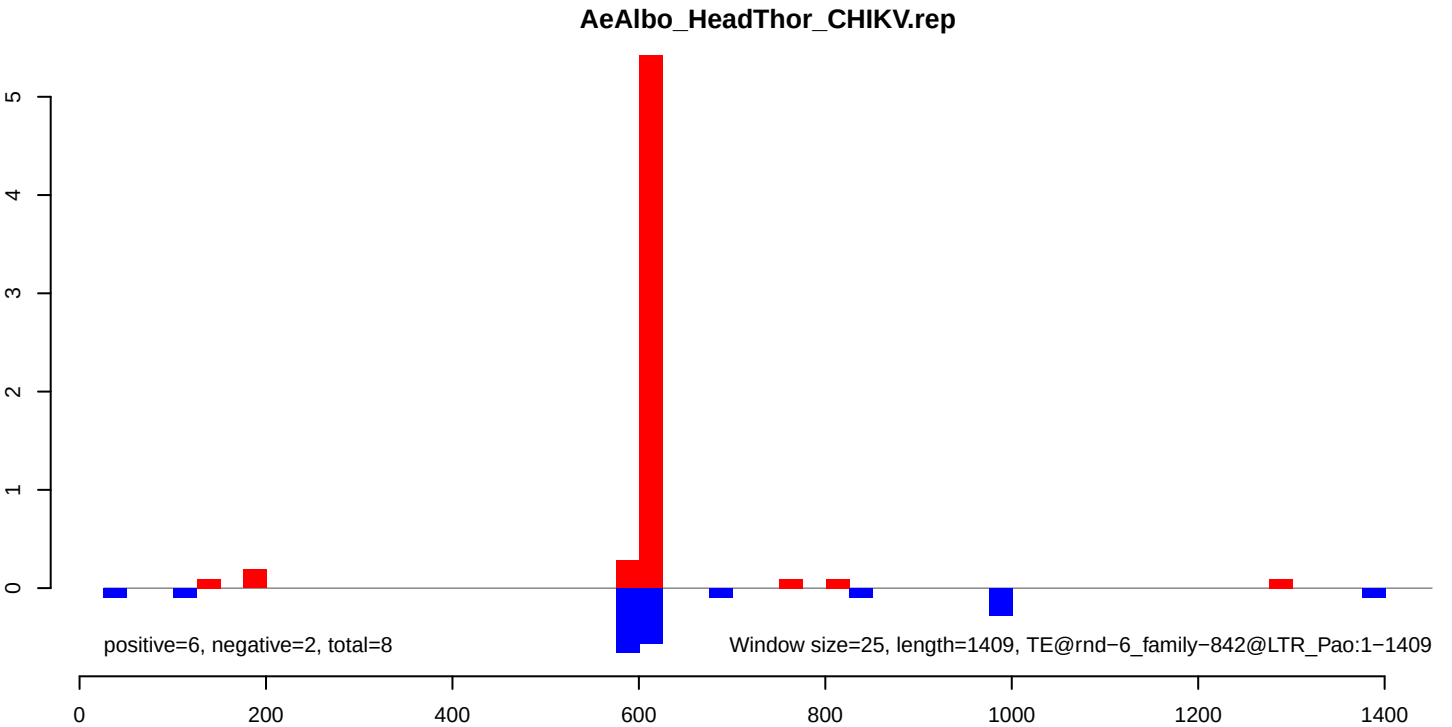

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1

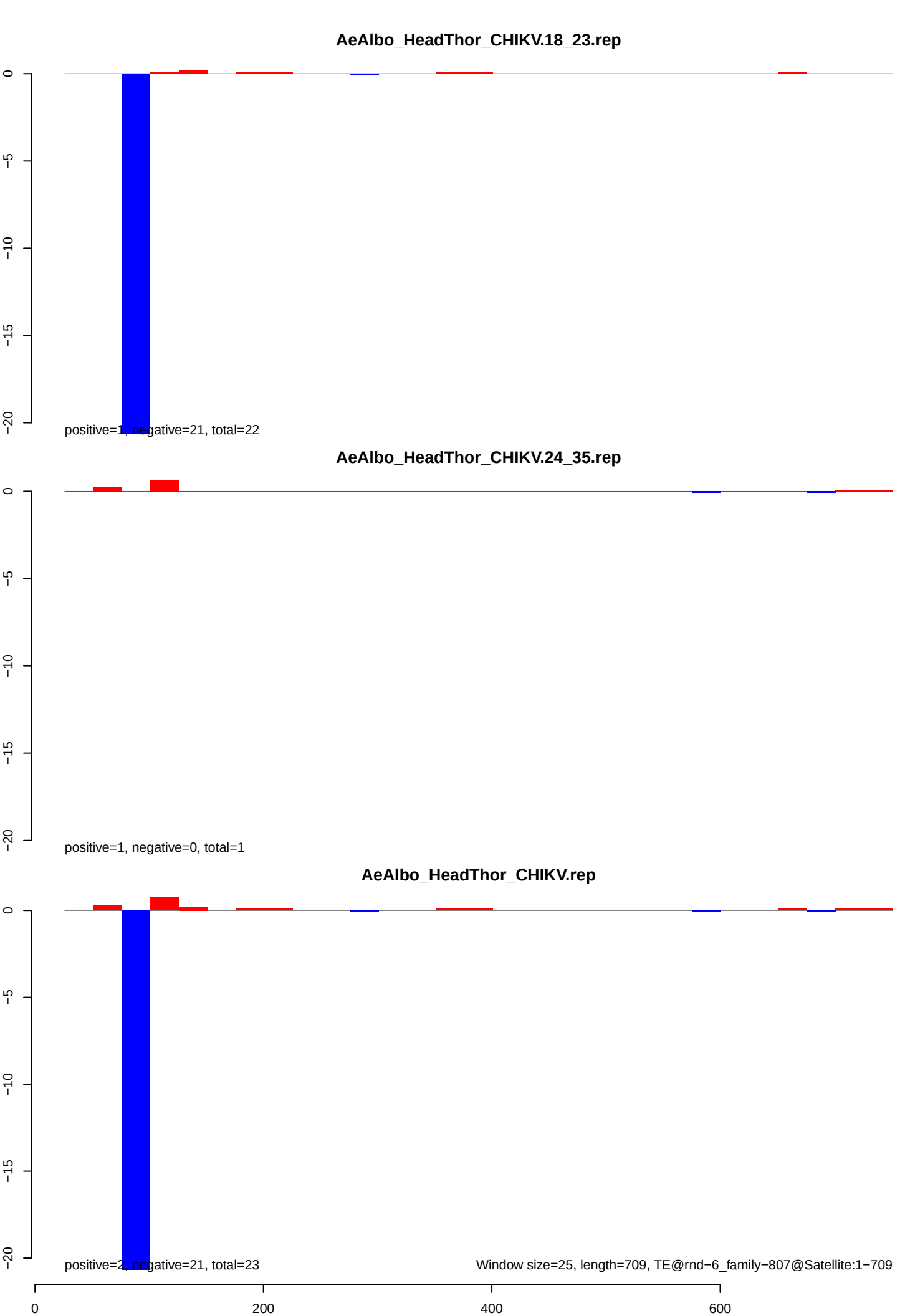

AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=2, total=4
Window size=25, length=596, TE@ltr−1_family−2112@LTR_Gypsy:1−596
100
200
300
400
500
600

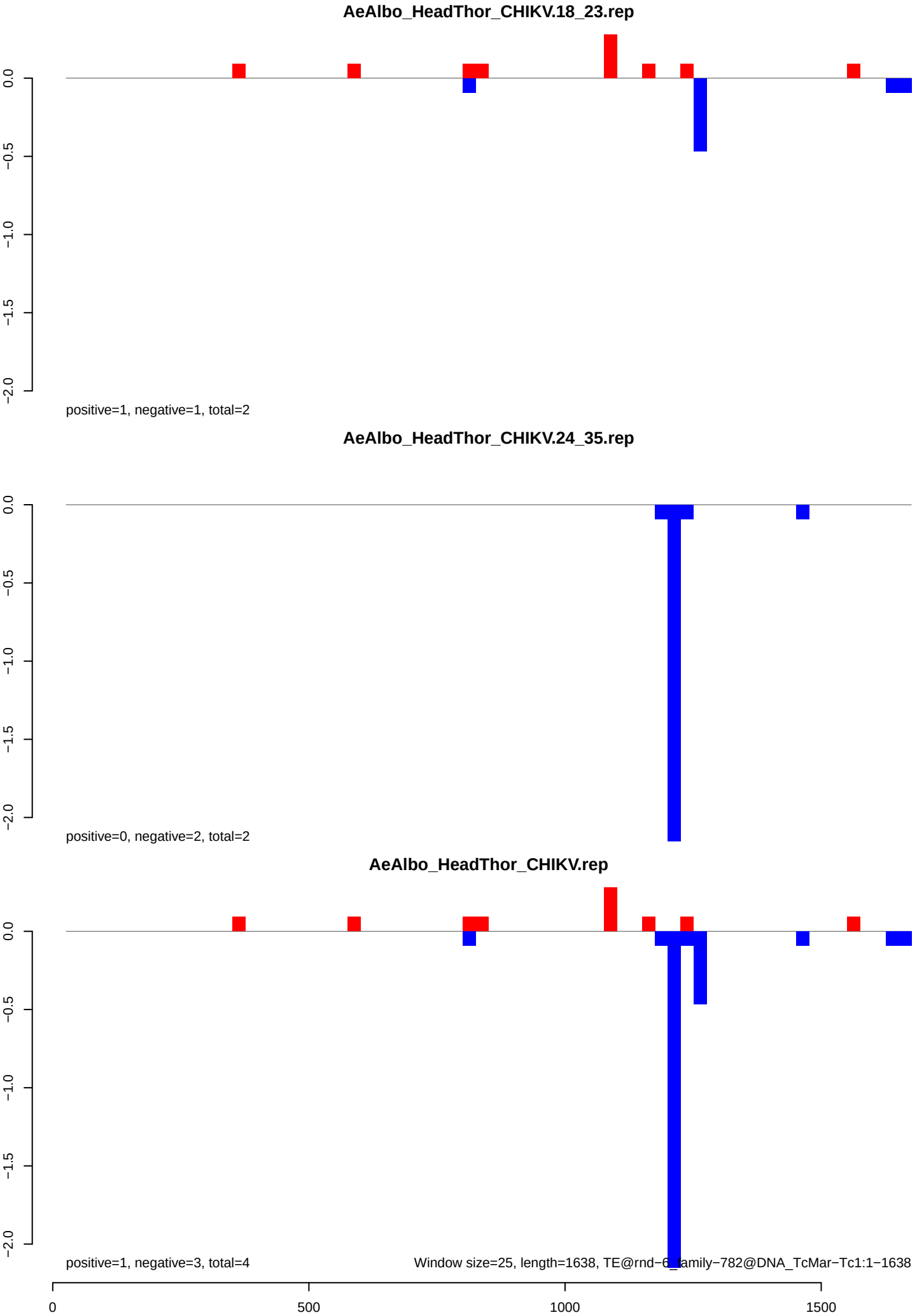

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
positive=6, negative=1, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=6, negative=1, total=7
Window size=25, length=2743, TE@rnd−6_family−900@LTR_Pao.1−2743
0
500
1000
1500
2000
2500

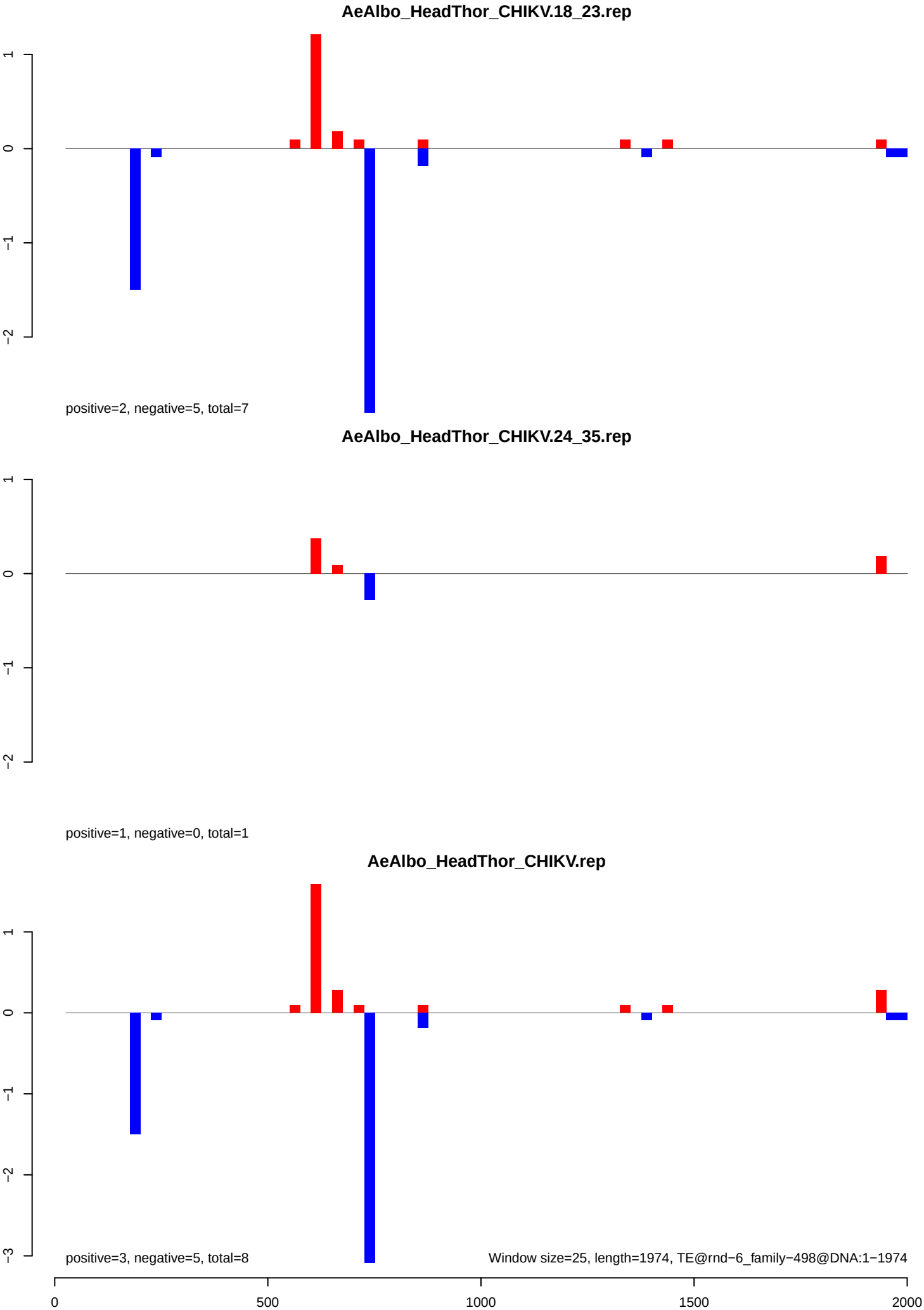

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=5, negative=2, total=7

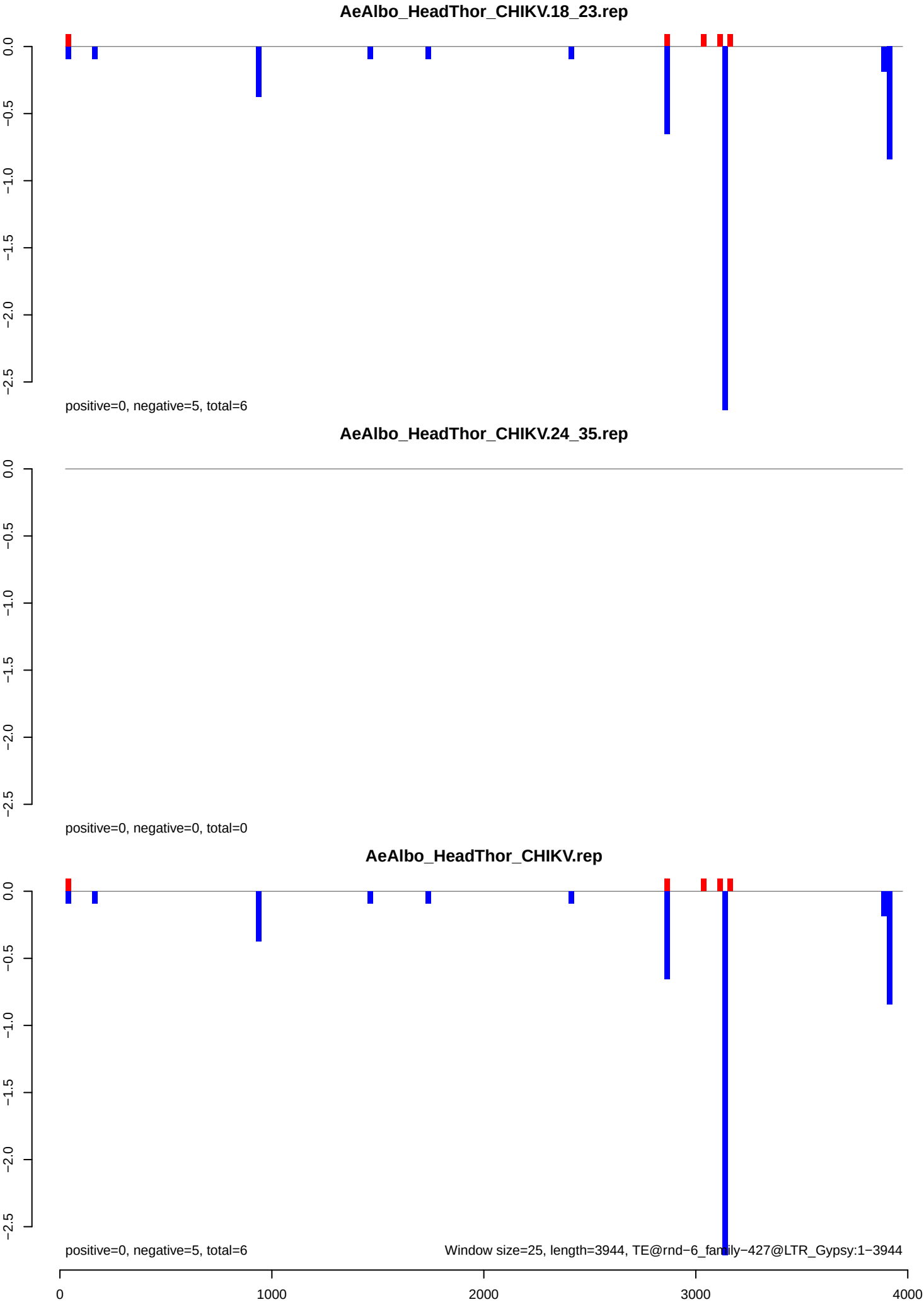

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=1, negative=0, total=1

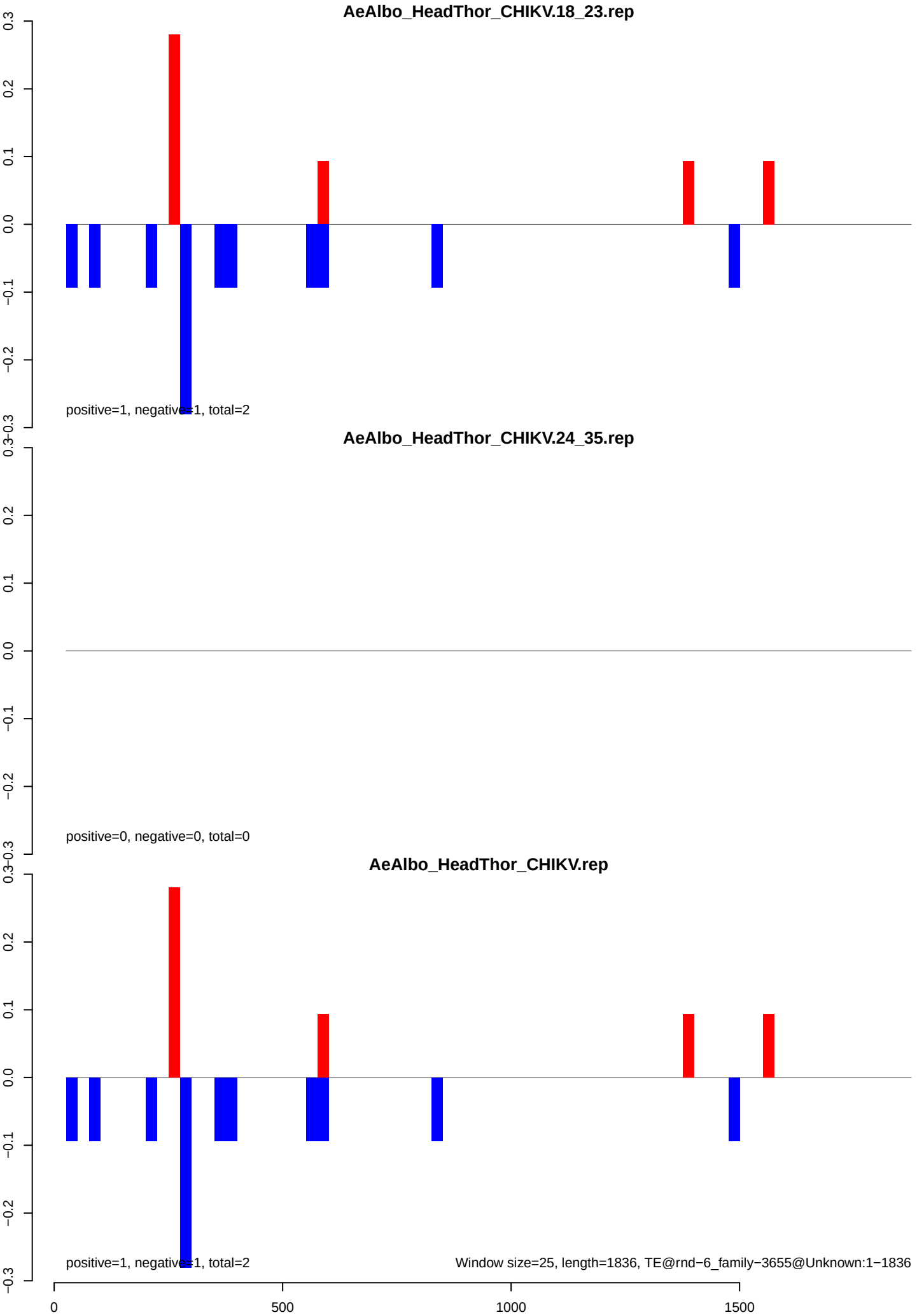

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=6, negative=2, total=8
Window size=25, length=1409, TE@rnd−6_family−842@LTR_Pao:1−1409
0
200
400
600
800
1000
1200
1400

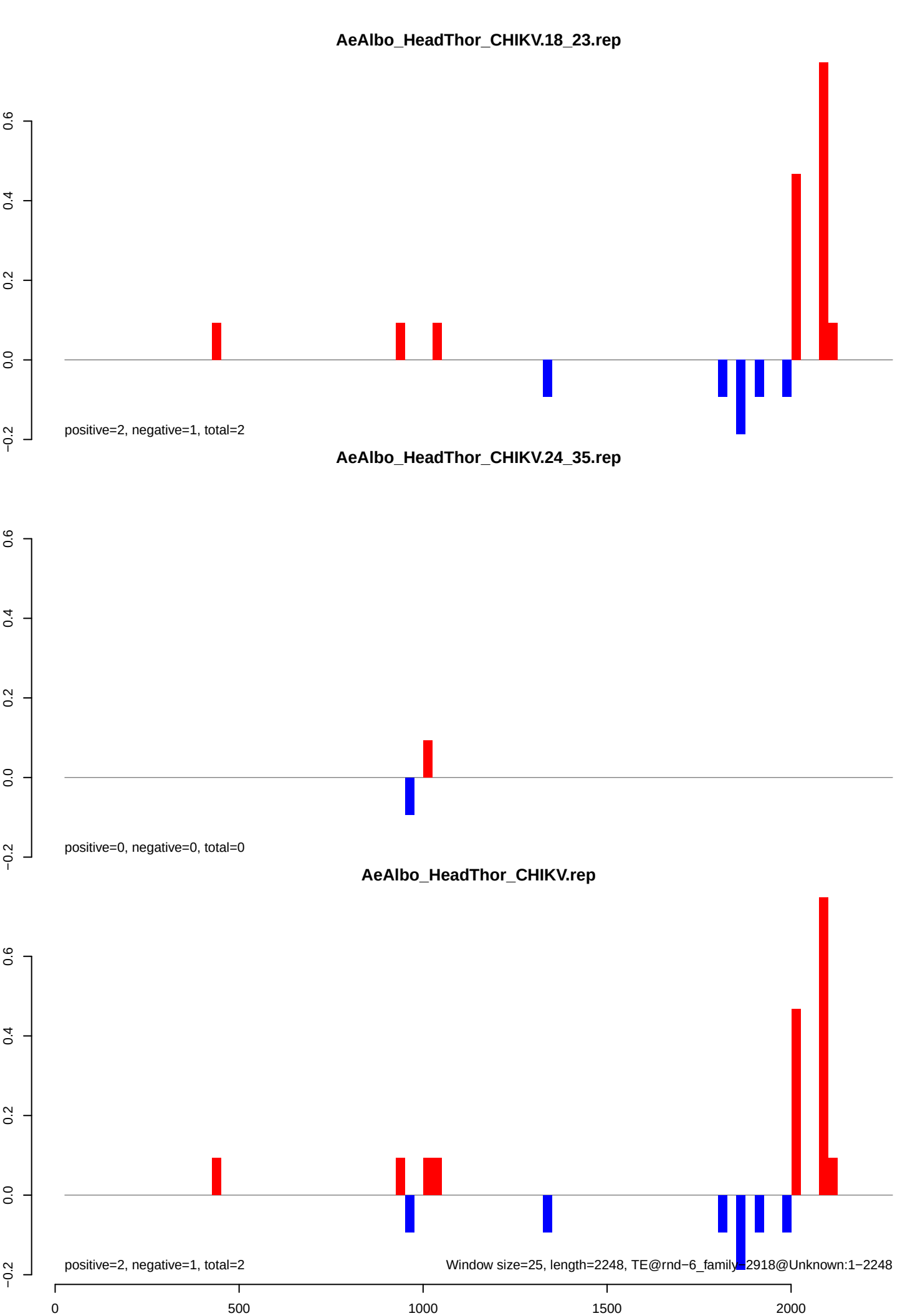

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=21, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=2, negative=21, total=23
Window size=25, length=709, TE@rnd−6_family−807@Satellite:1−709
0
200
400
600

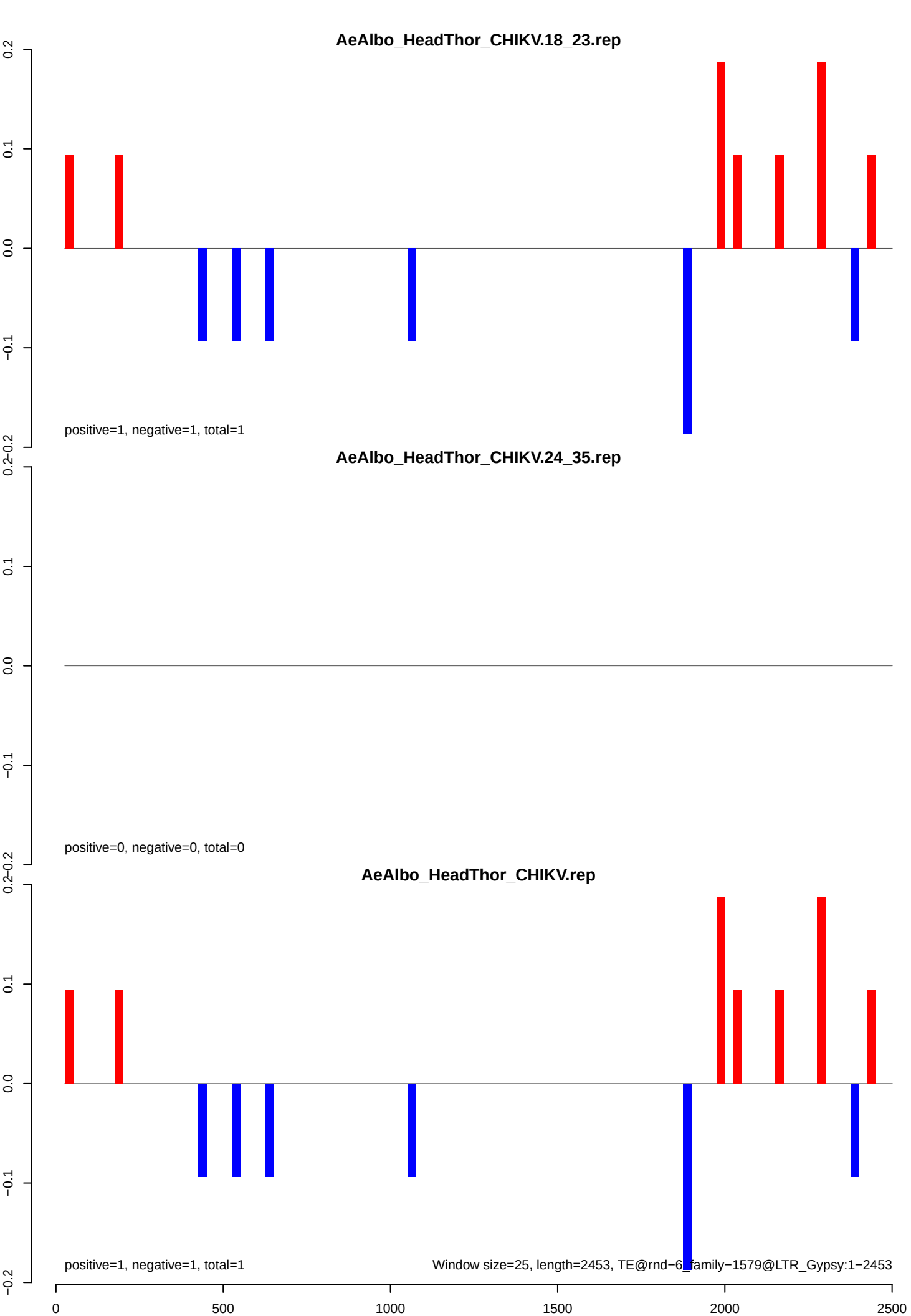

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
Window size=25, length=1638, TE@rnd−6_family−782@DNA_TcMar−Tc1:1−1638
0
500
1000
1500

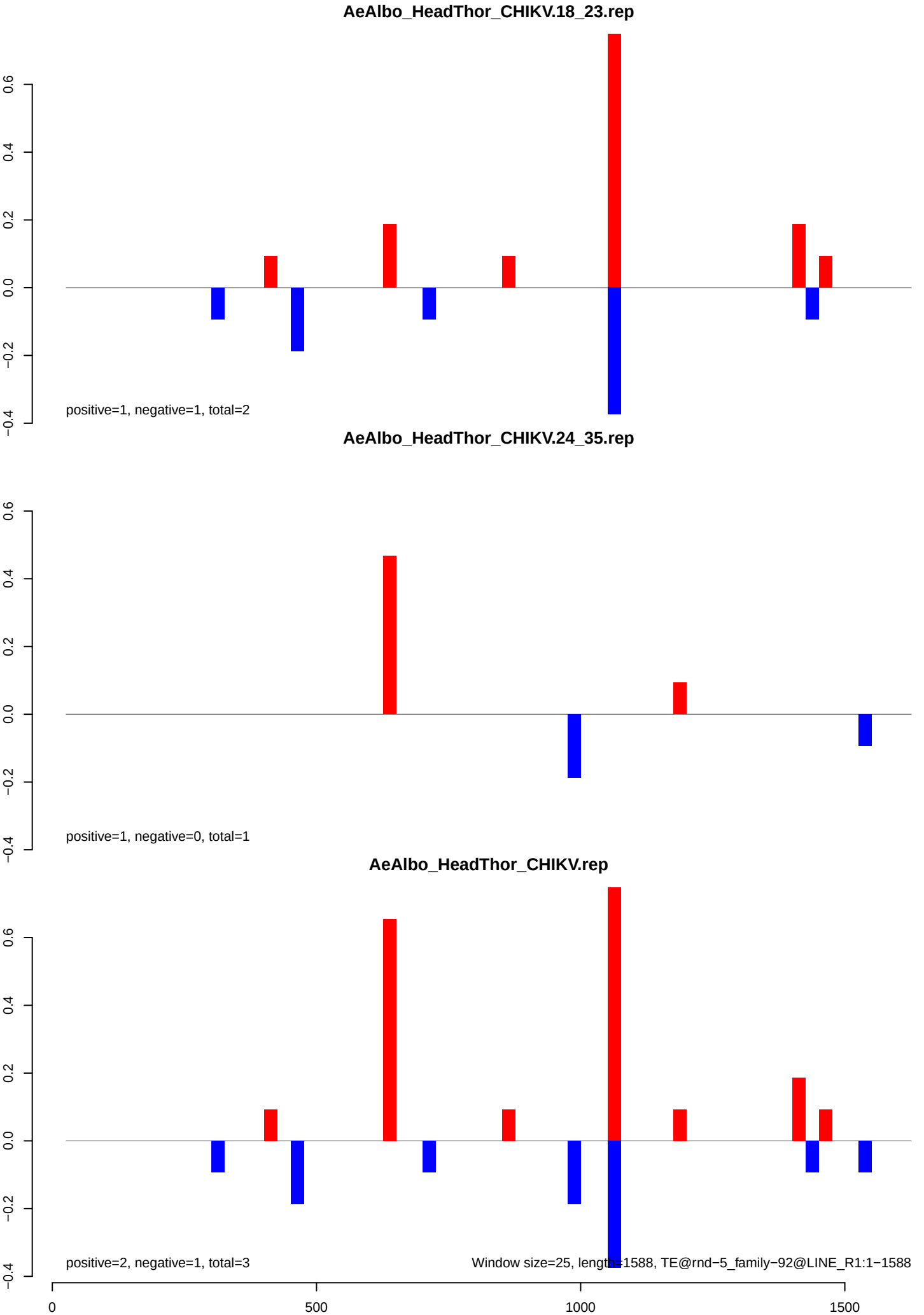

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=2, negative=5, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
positive=3, negative=5, total=8
Window size=25, length=1974, TE@rnd−6_family−498@DNA:1−1974
0
500
1000
1500
2000

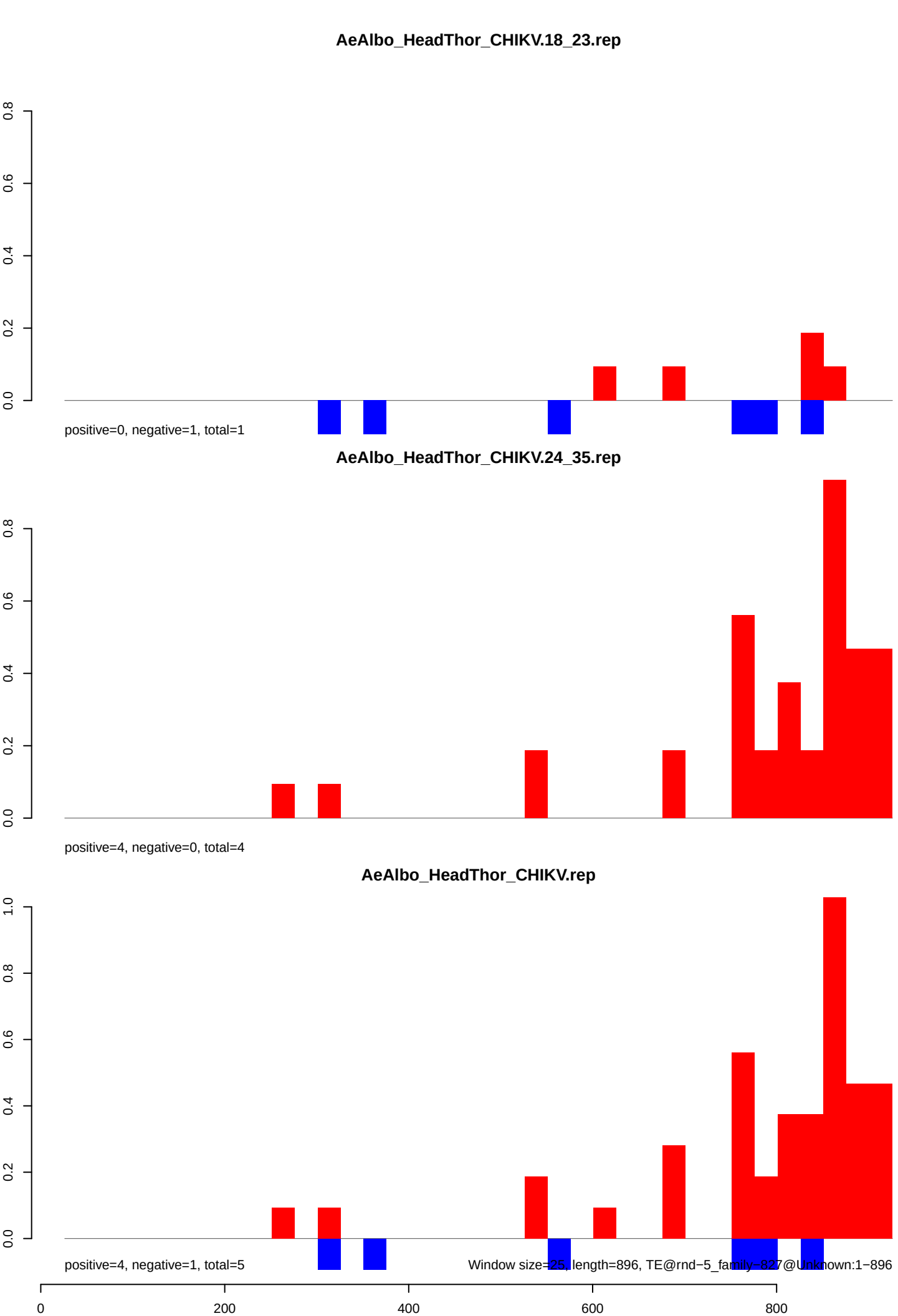

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=5, total=6
Window size=25, length=3944, TE@rnd−6_family−427@LTR_Gypsy:1−3944
0
1000
2000
3000
4000

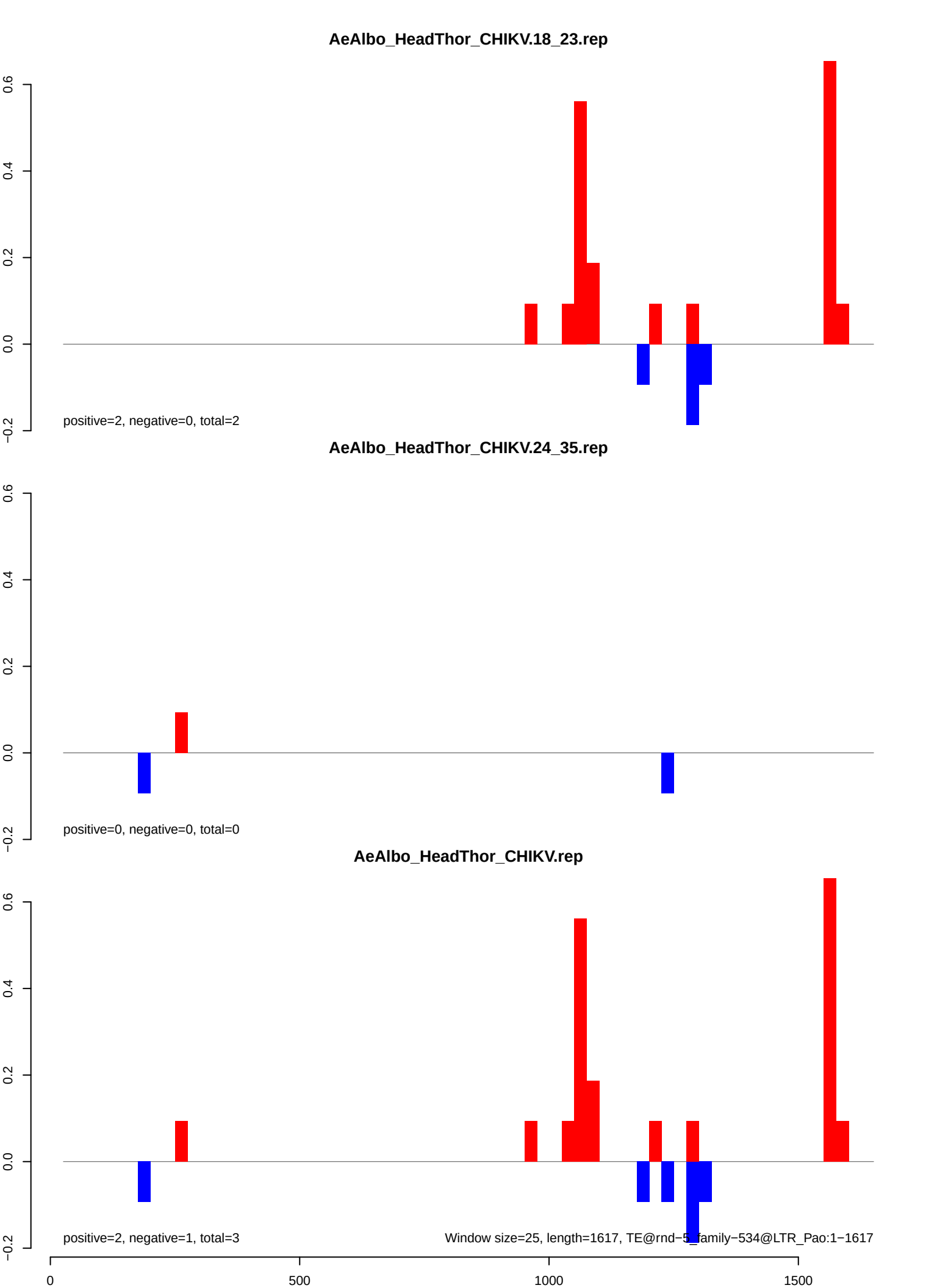

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=1836, TE@rnd−6_family−3655@Unknown:1−1836
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500

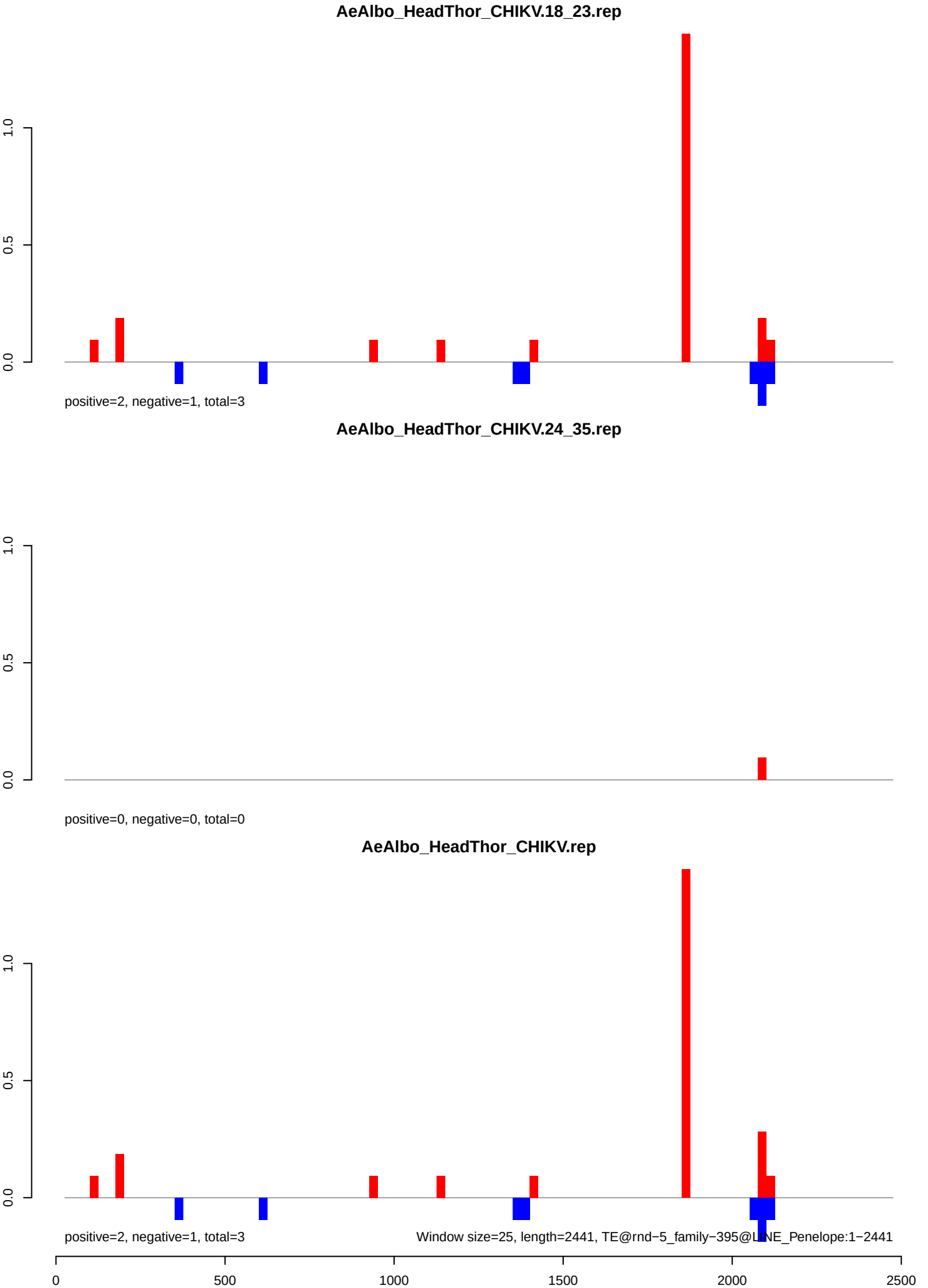

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=2
Window size=25, length=2248, TE@rnd−6_family−2918@Unknown:1−2248
0
500
1000
1500
2000

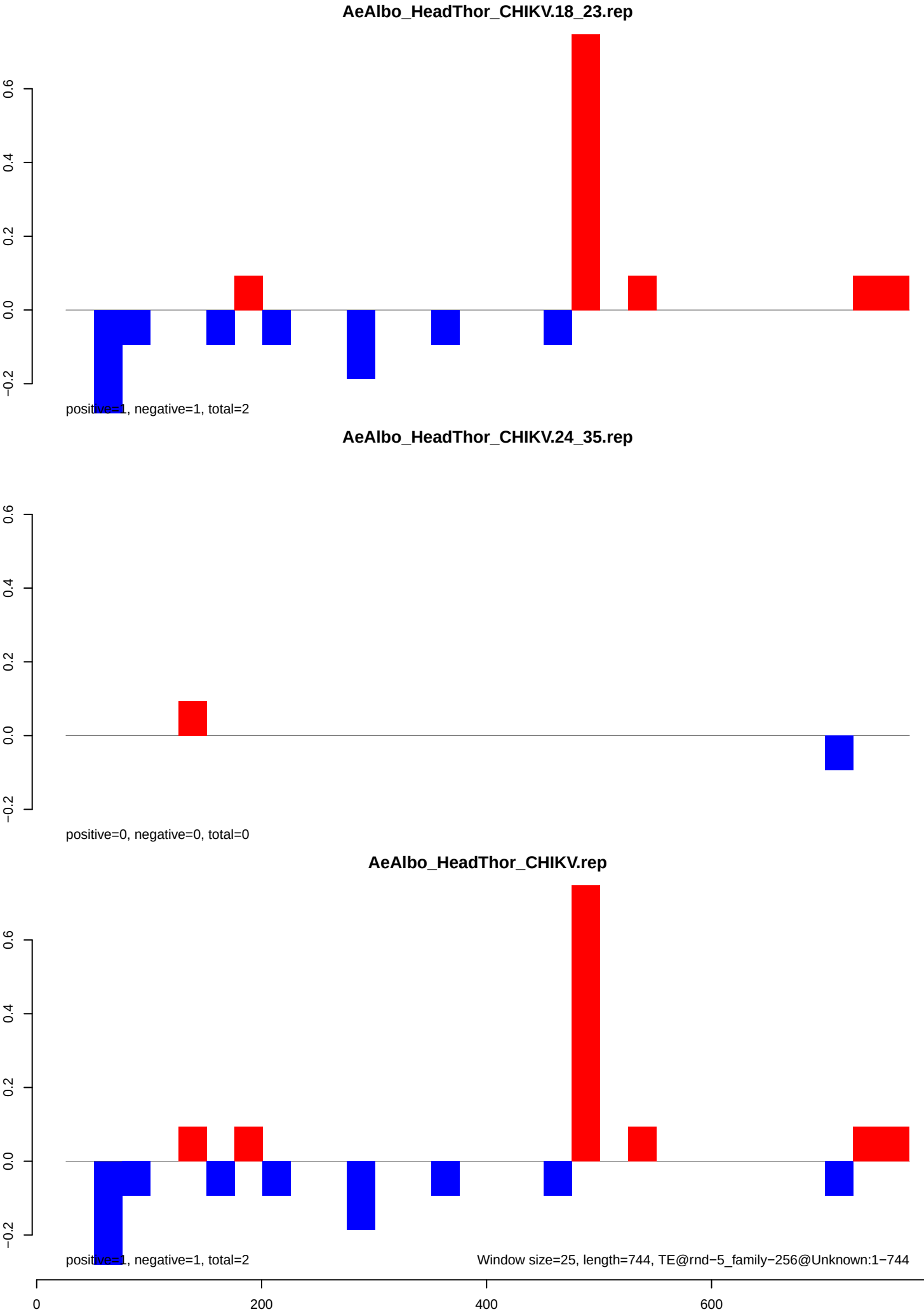

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=1
Window size=25, length=2453, TE@rnd−6_family−1579@LTR_Gypsy:1−2453
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500

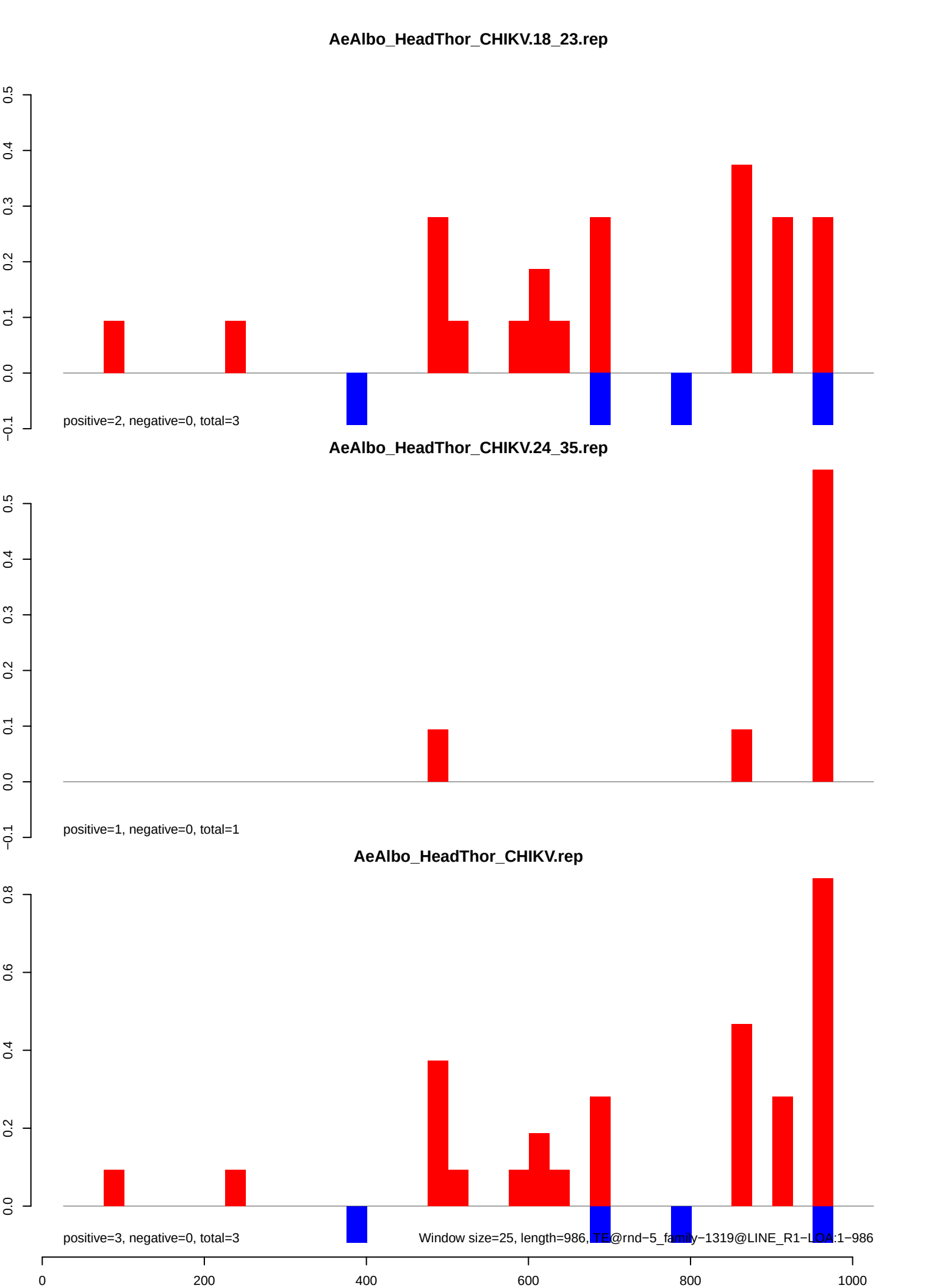

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=1588, TE@rnd−5_family−92@LINE_R1:1−1588
0
500
1000
1500

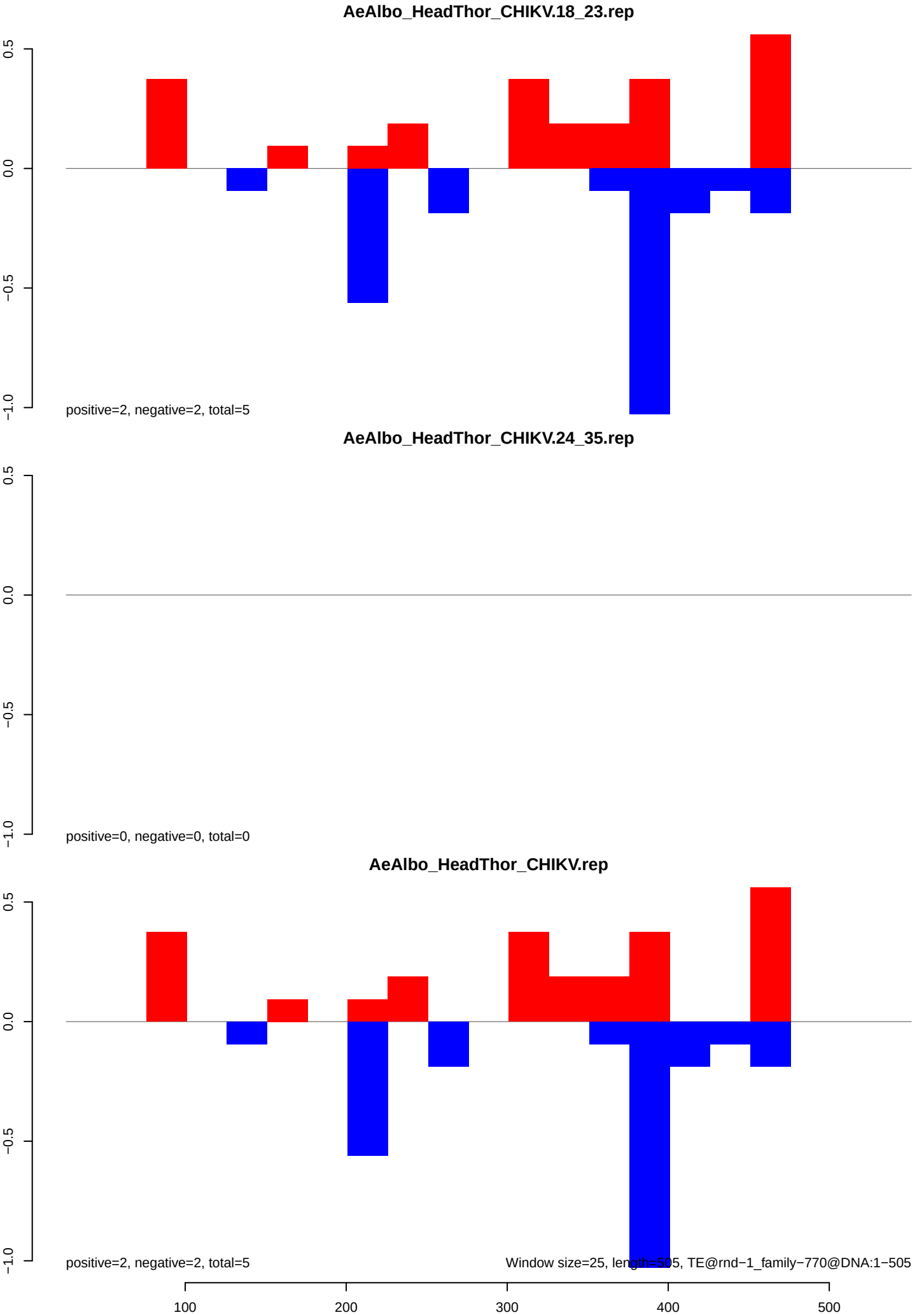

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=4, negative=0, total=4
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
1.0
positive=4, negative=1, total=5
Window size=25, length=896, TE@rnd−5_family−827@Unknown:1−896
0
200
400
600
800

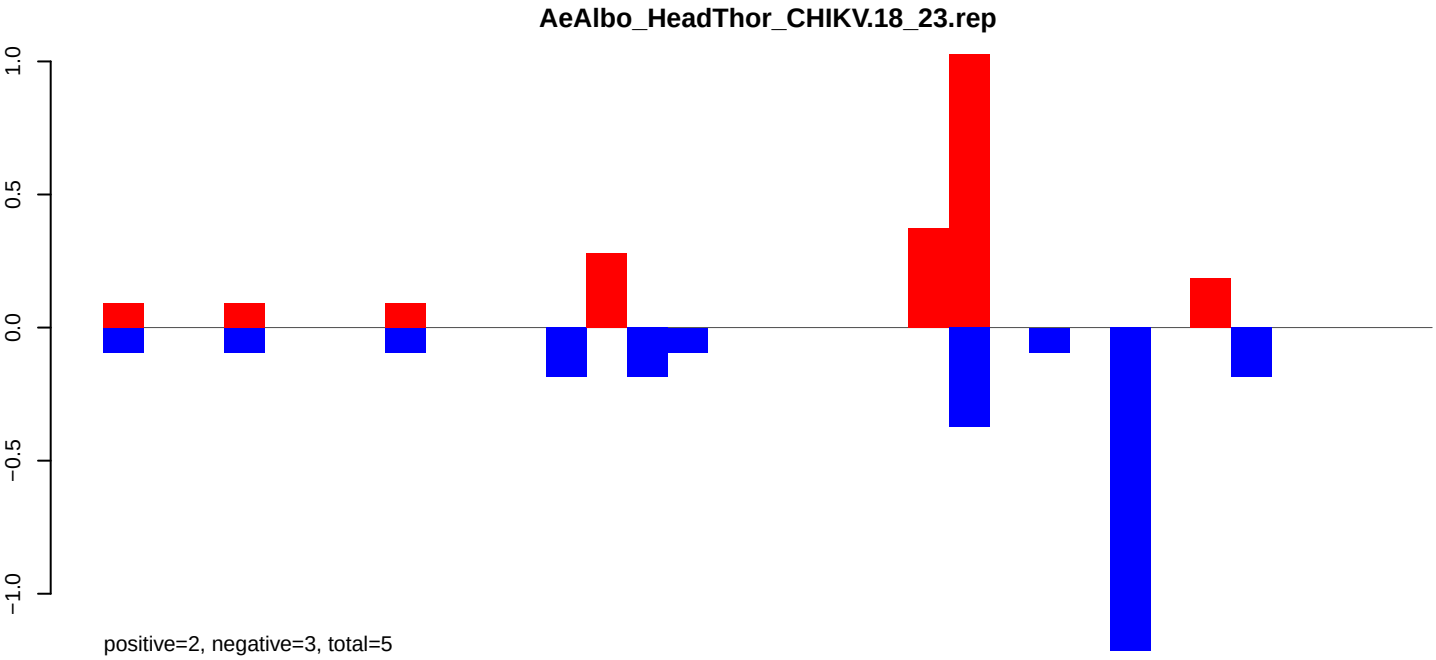

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=1617, TE@rnd−5_family−534@LTR_Pao:1−1617
0
500
1000
1500

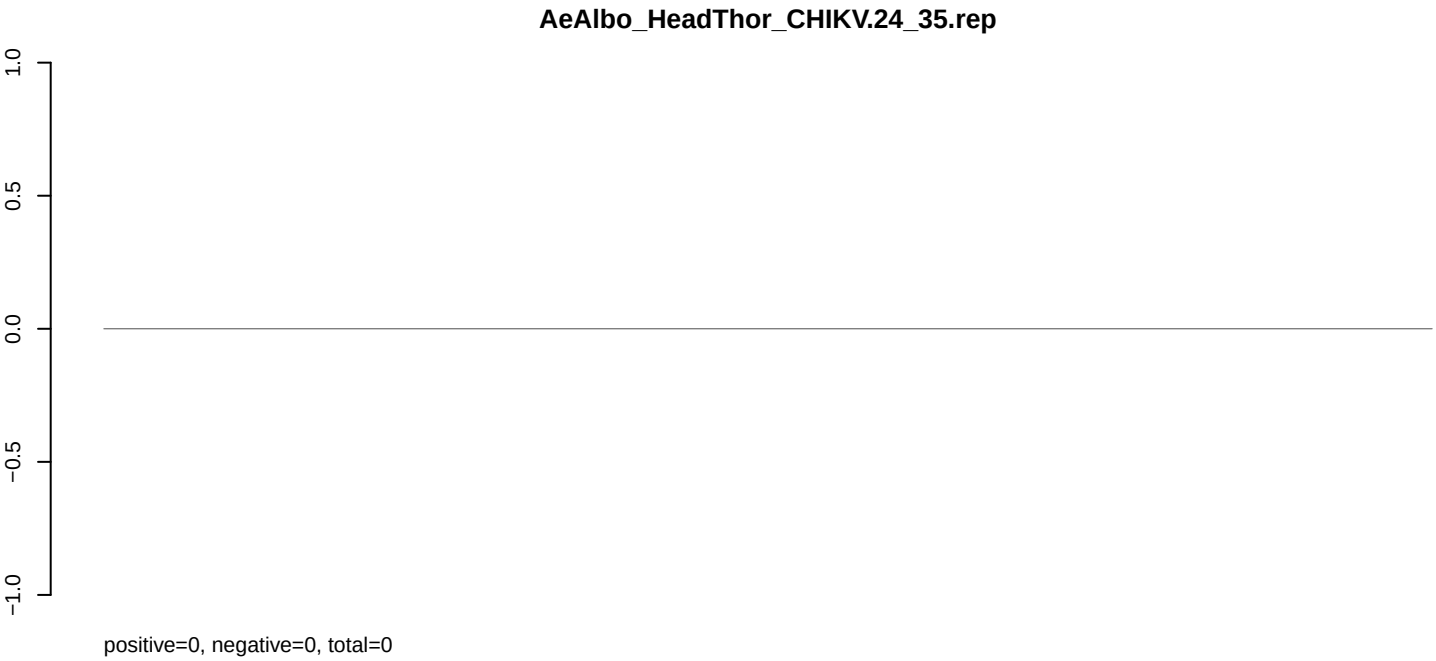

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=2, negative=1, total=3
Window size=25, length=2441, TE@rnd−5_family−395@LINE_Penelope:1−2441
0
500
1000
1500
2000
2500

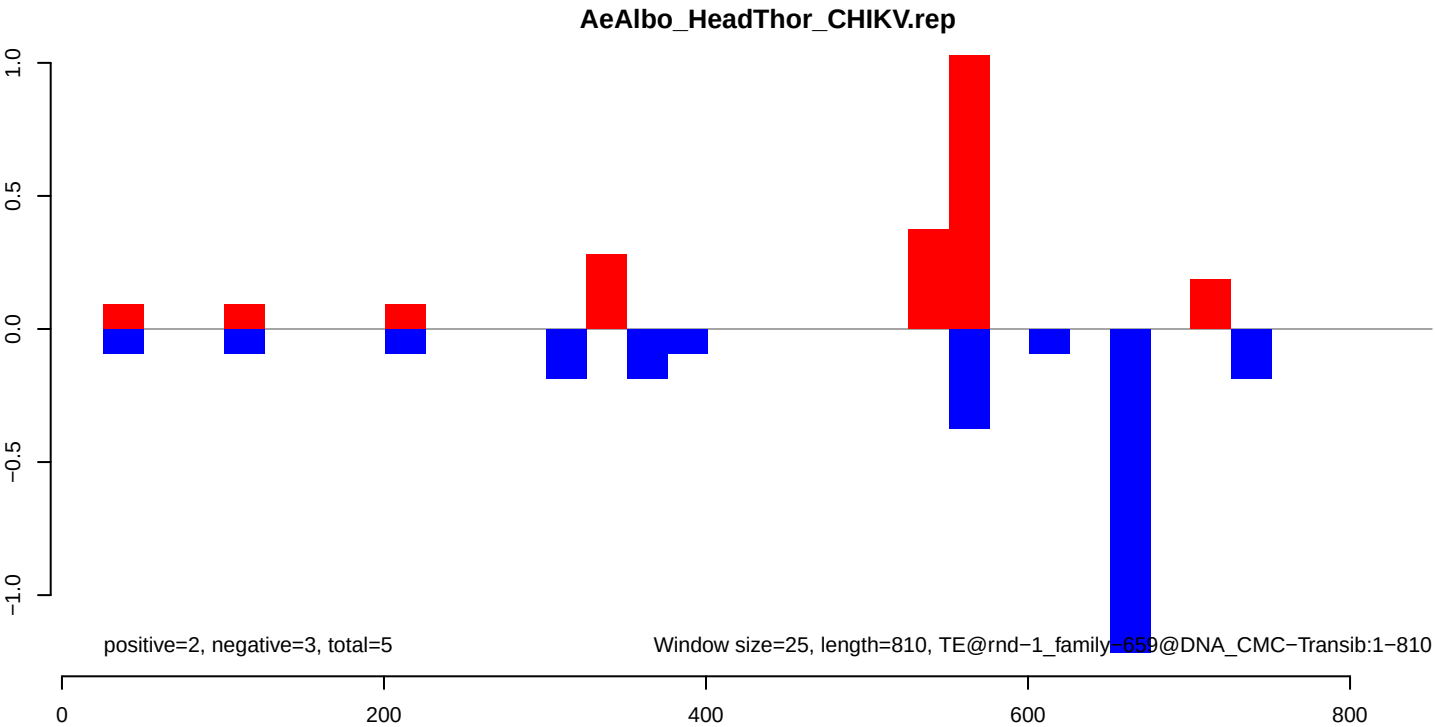

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
Window size=25, length=744, TE@rnd−5_family−256@Unknown:1−744
0
200
400
600
800

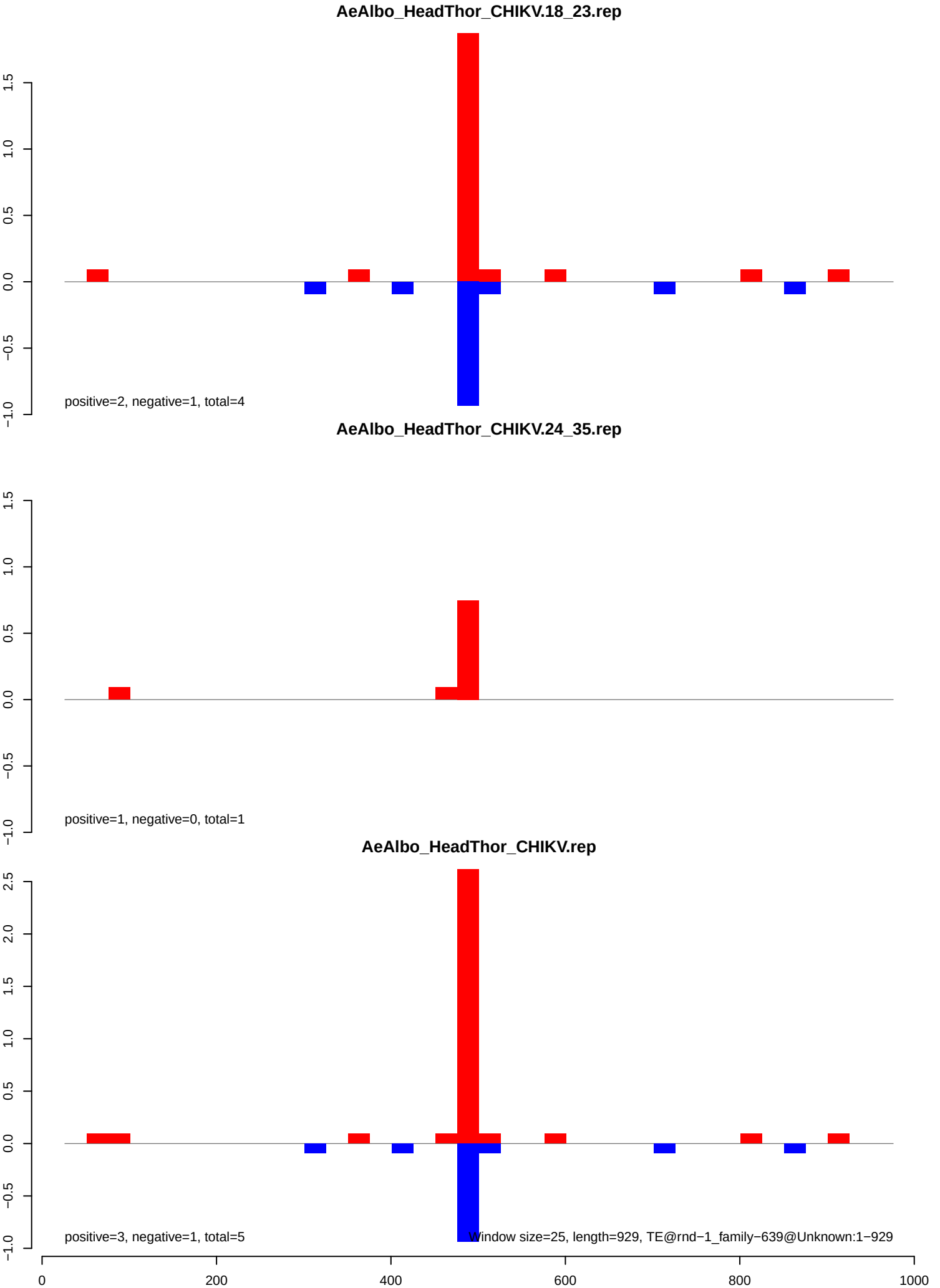

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=0, total=3
Window size=25, length=986, TE@rnd−5_family−1319@LINE_R1−LOA:1−986
0
200
400
600
800
1000

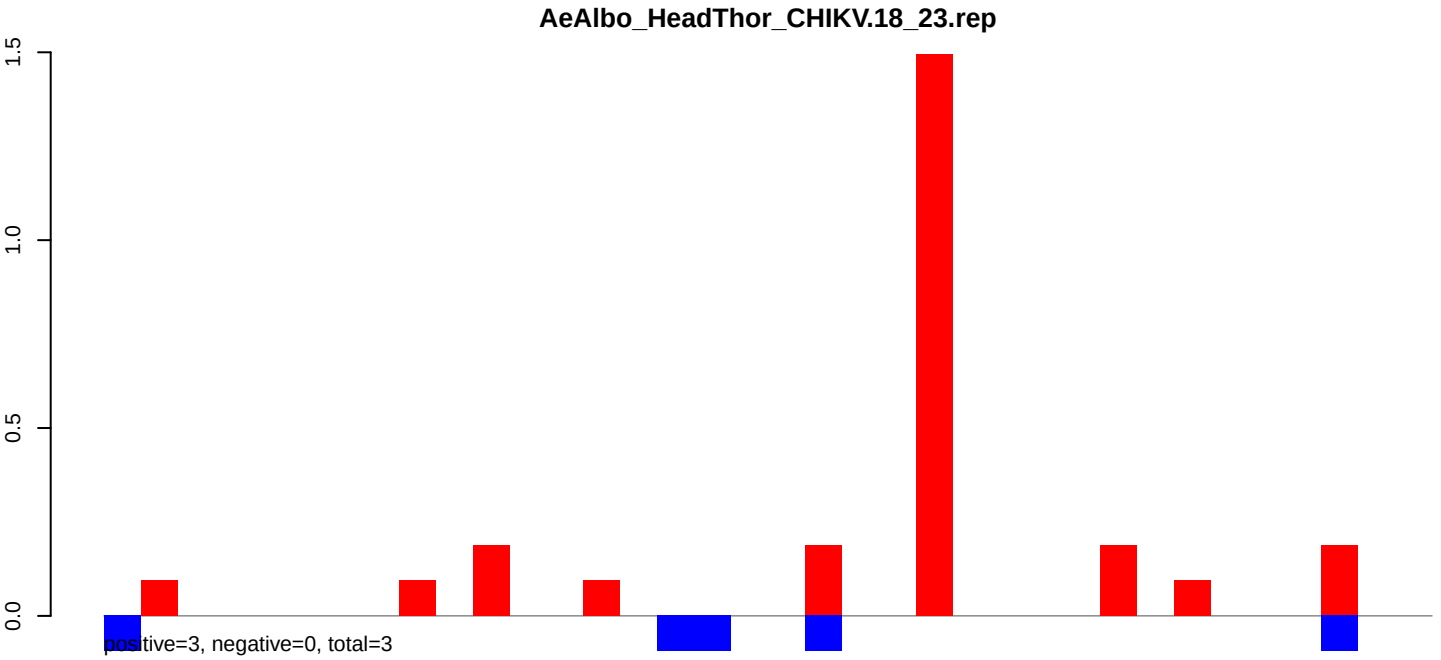

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=5
Window size=25, length=505, TE@rnd−1_family−770@DNA:1−505
100
200
300
400
500

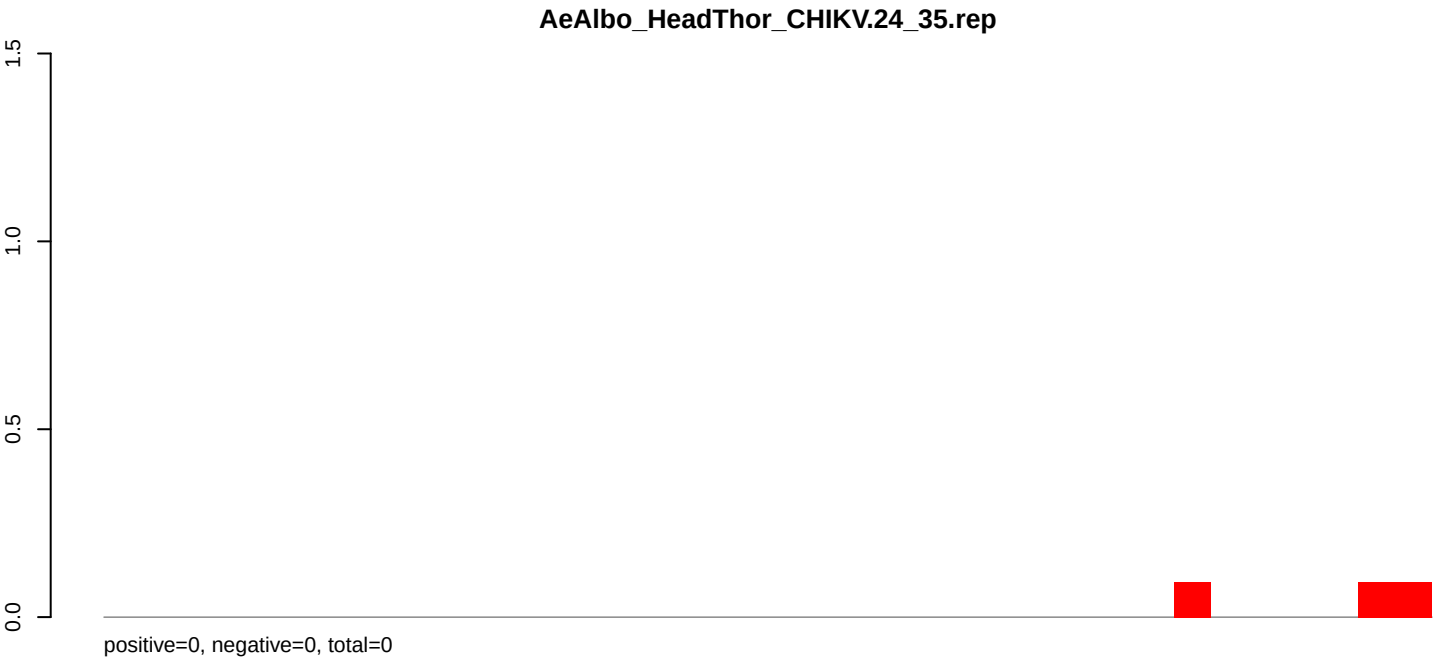

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5

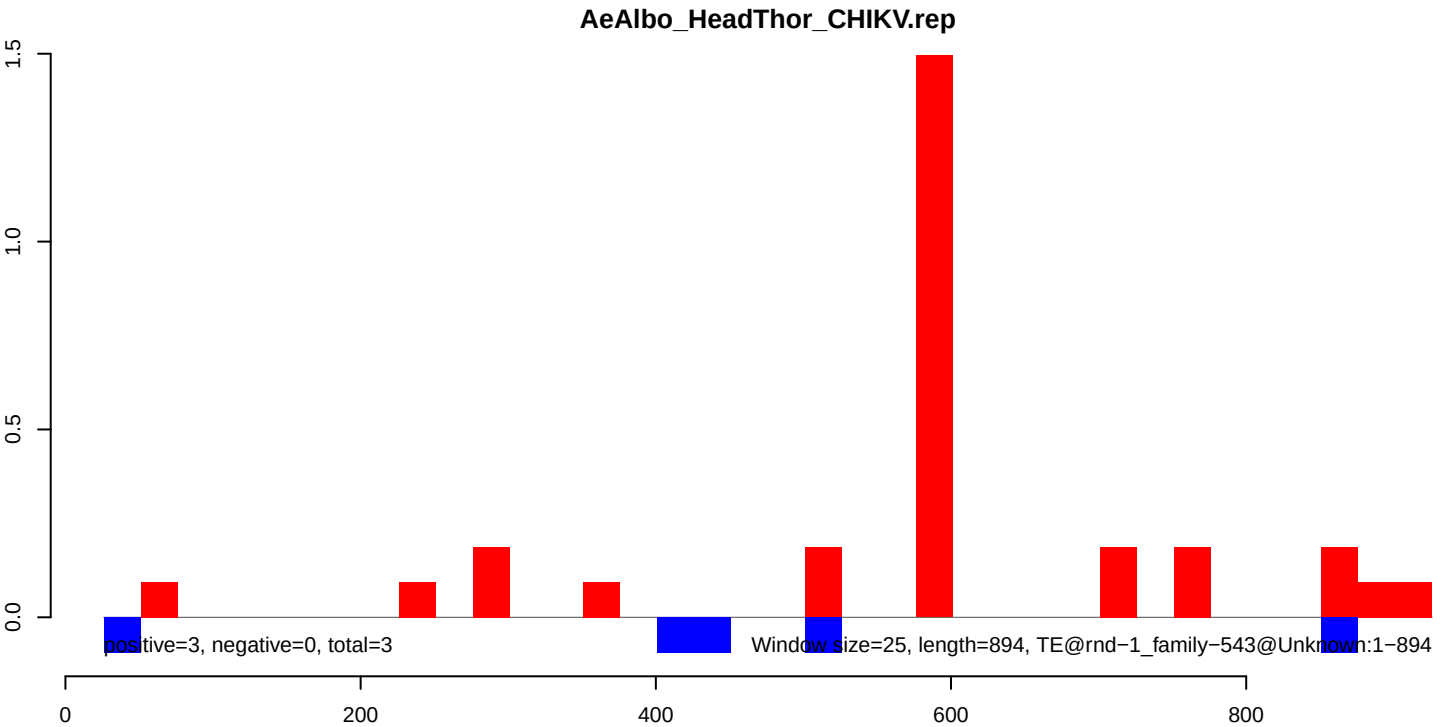

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

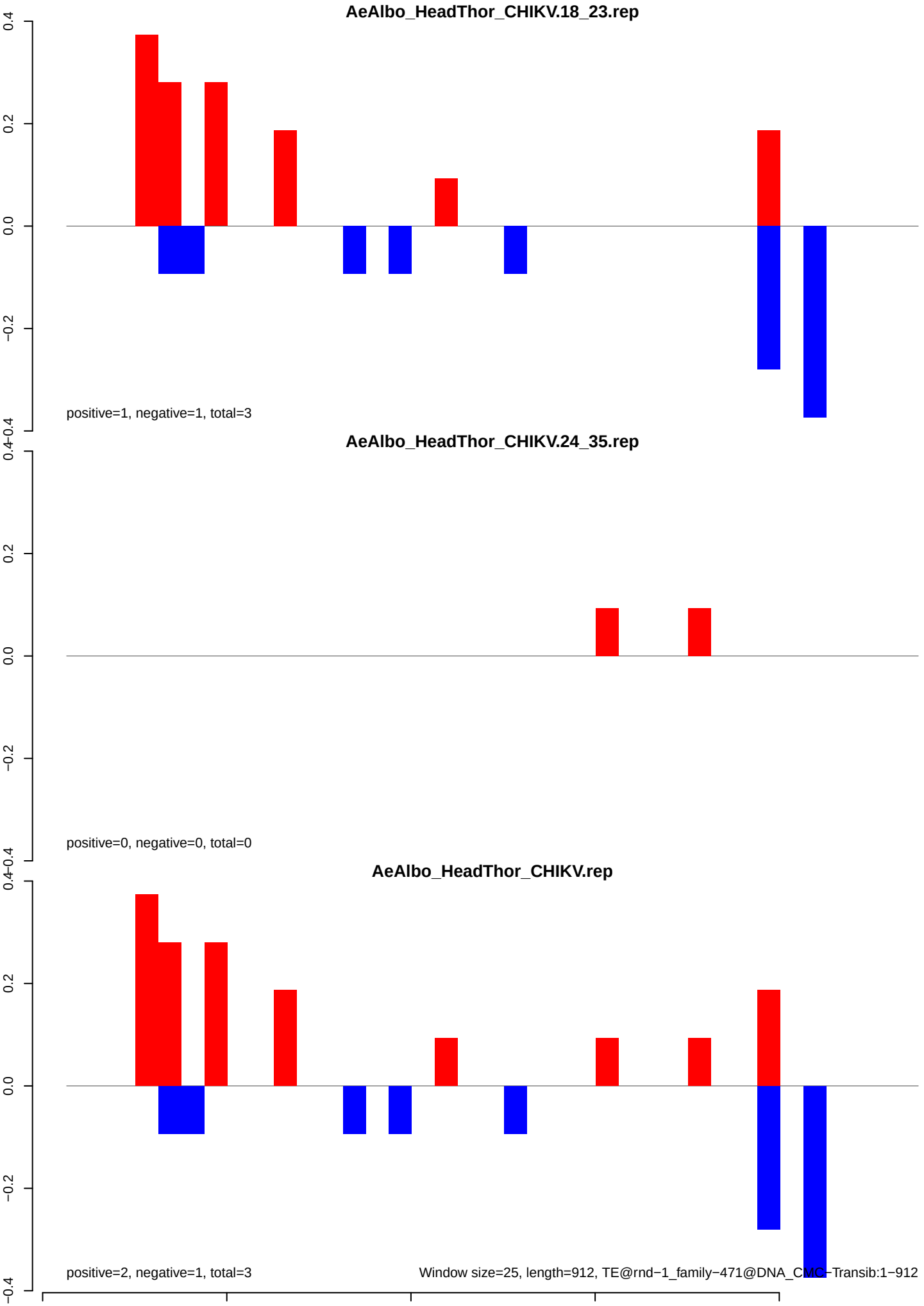

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5
Window size=25, length=810, TE@rnd−1_family−659@DNA_CMC−Transib:1−810
0
200
400
600
800

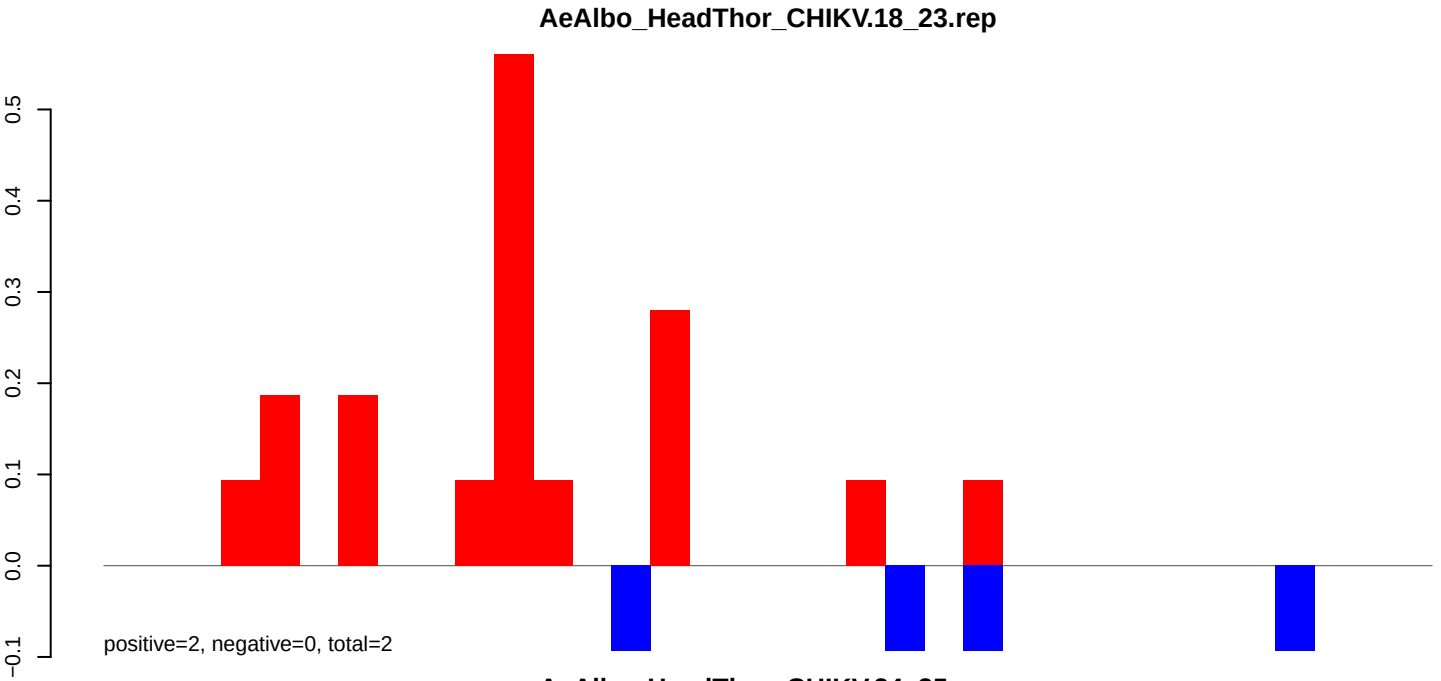

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=5
Window size=25, length=929, TE@rnd−1_family−639@Unknown:1−929
0
200
400
600
800
1000

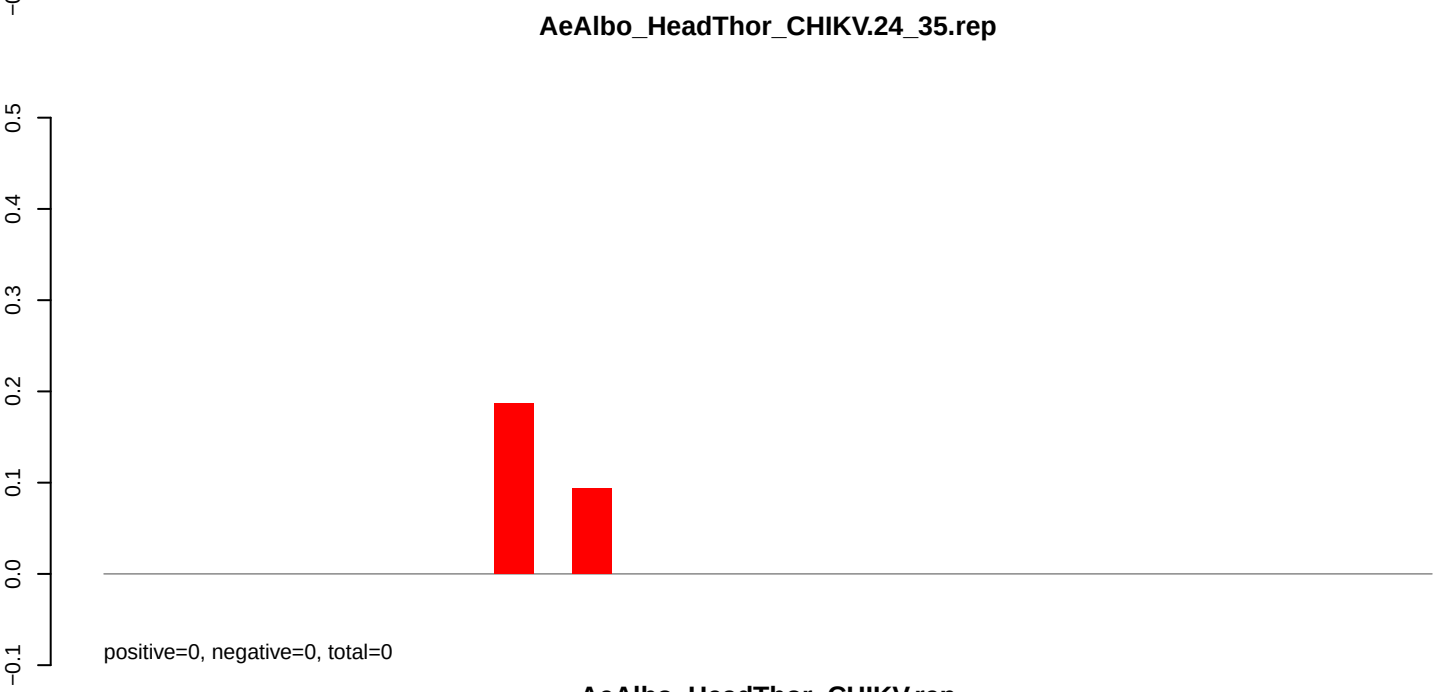

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3

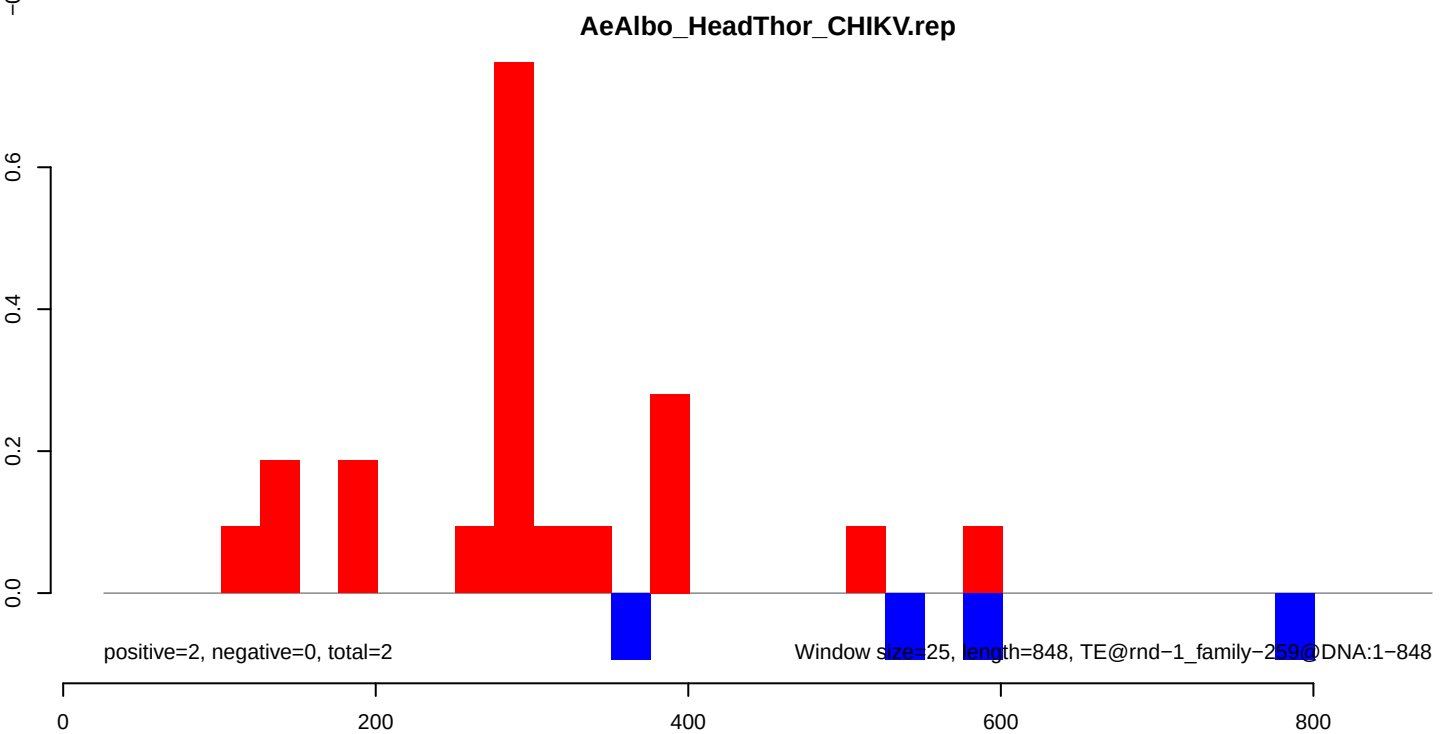

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

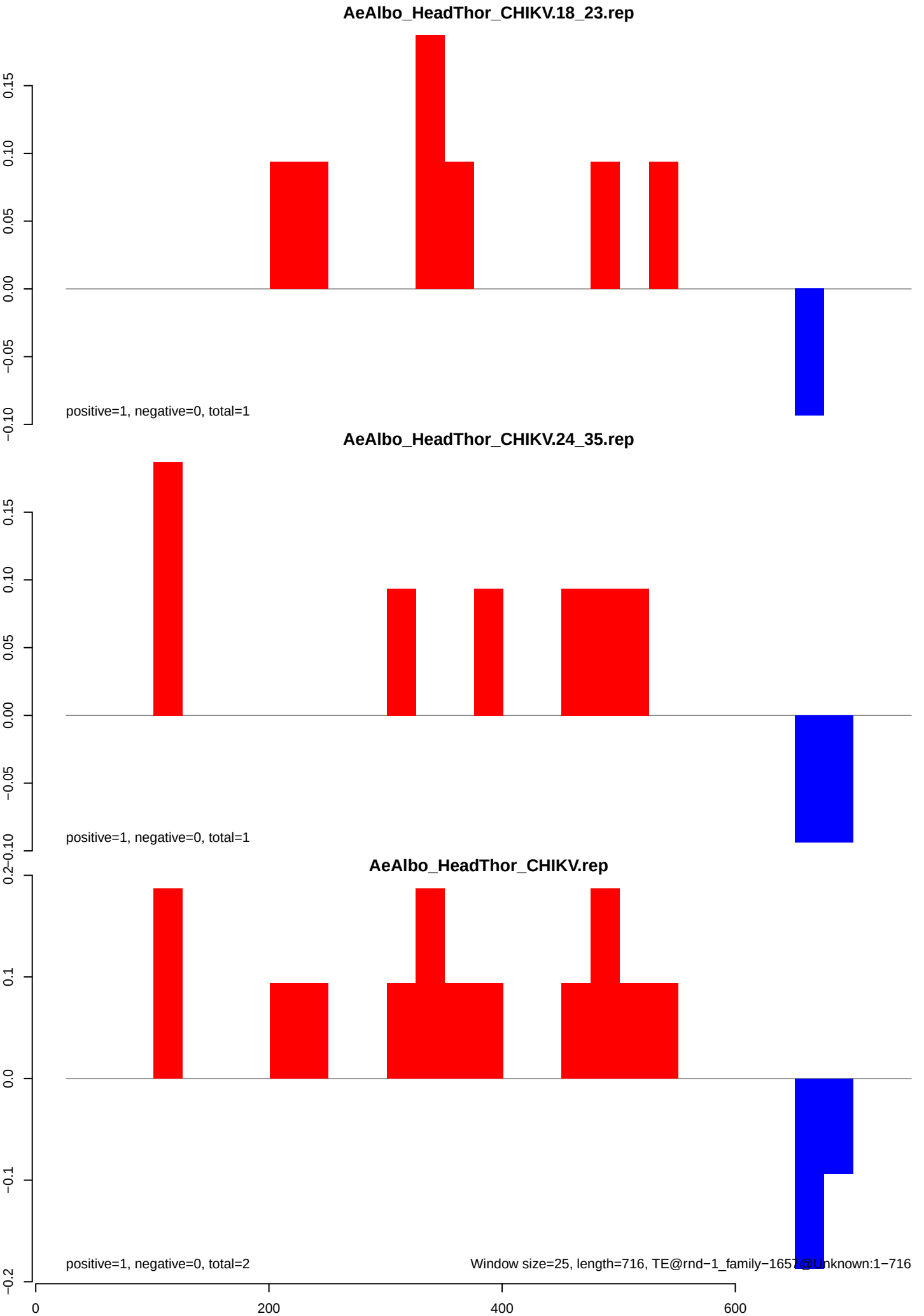

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3
Window size=25, length=894, TE@rnd−1_family−543@Unknown:1−894
0
200
400
600
800

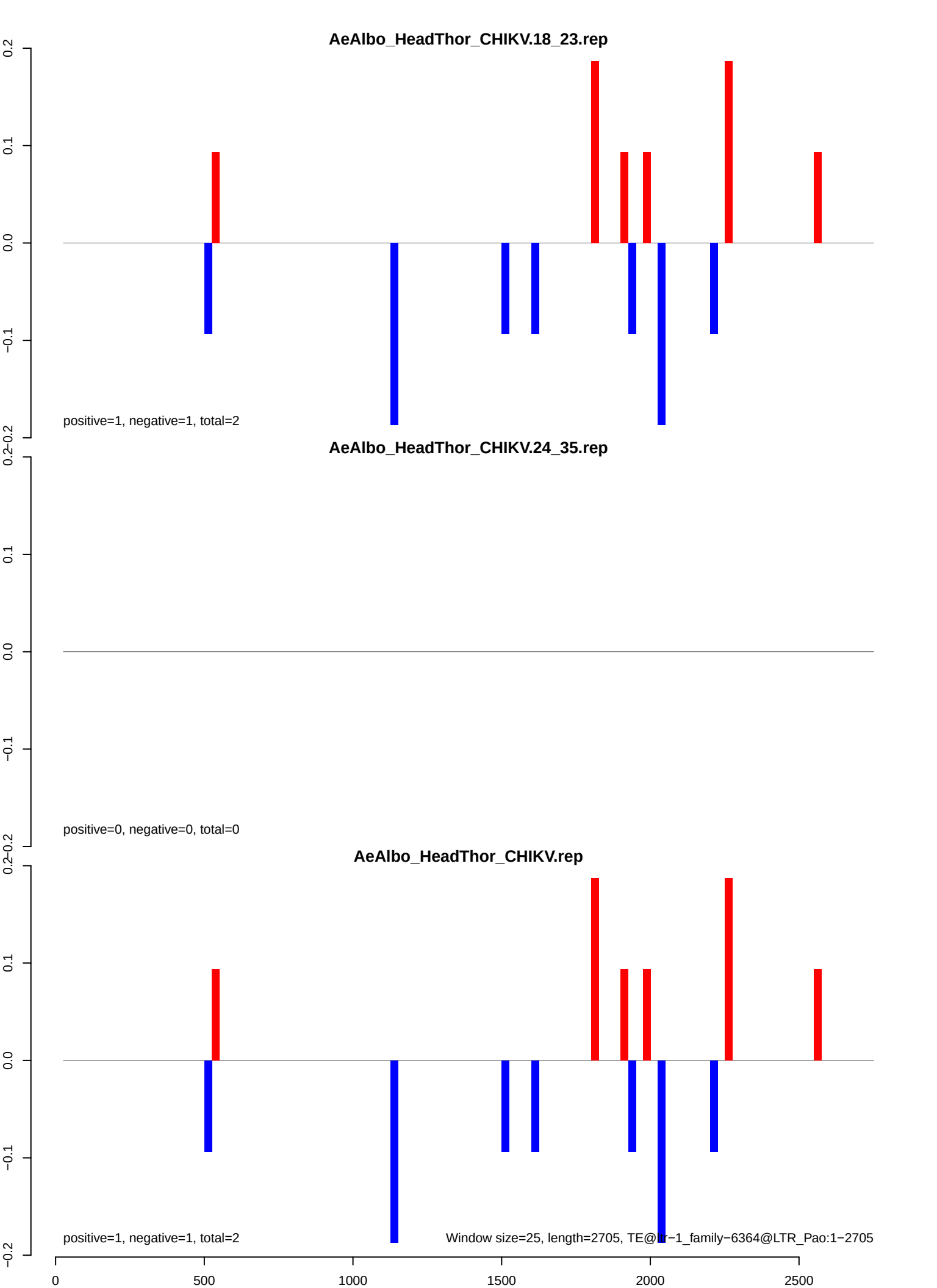

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=912, TE@rnd−1_family−471@DNA_CMC−Transib:1−912
0
200
400
600
800

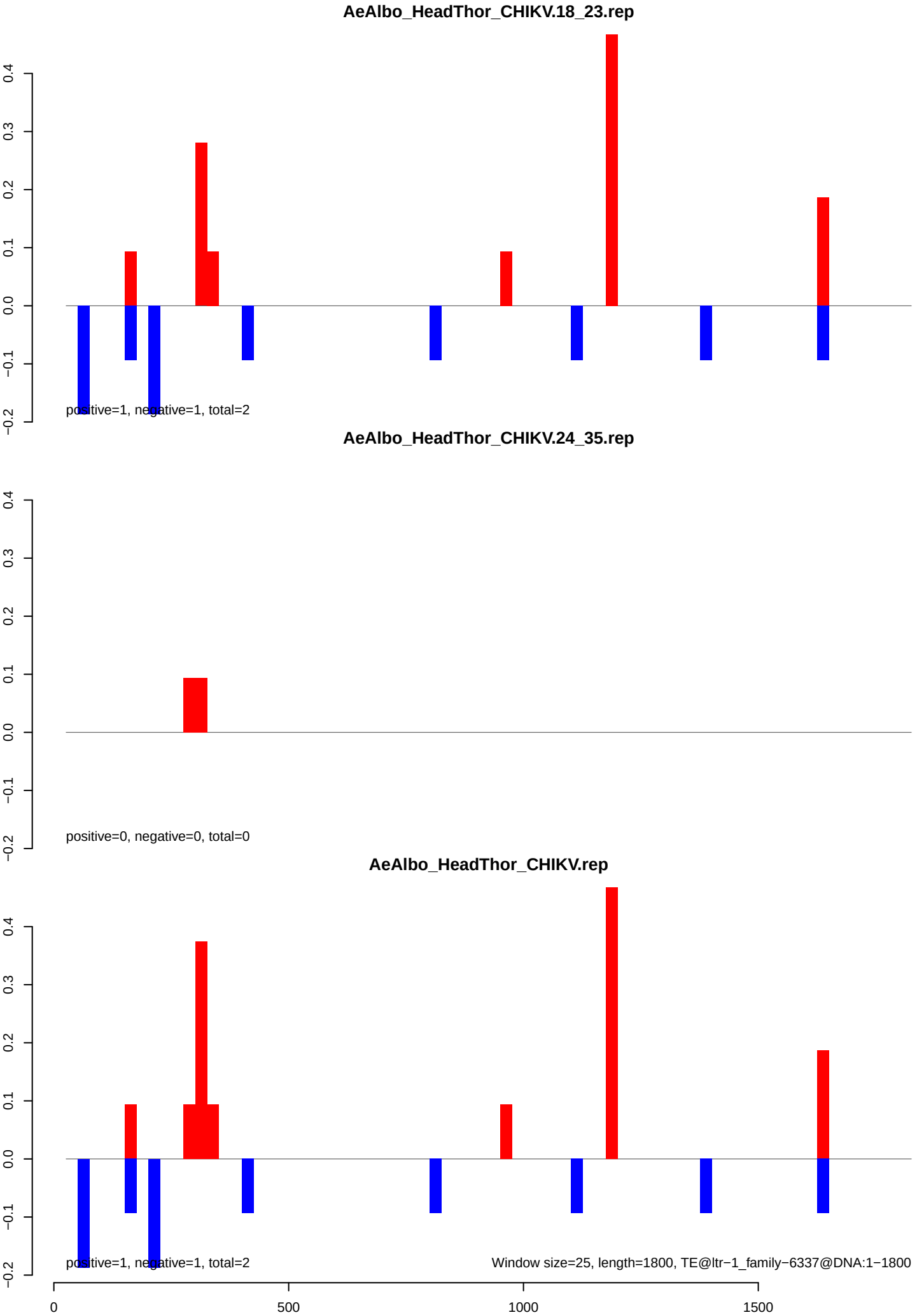

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2

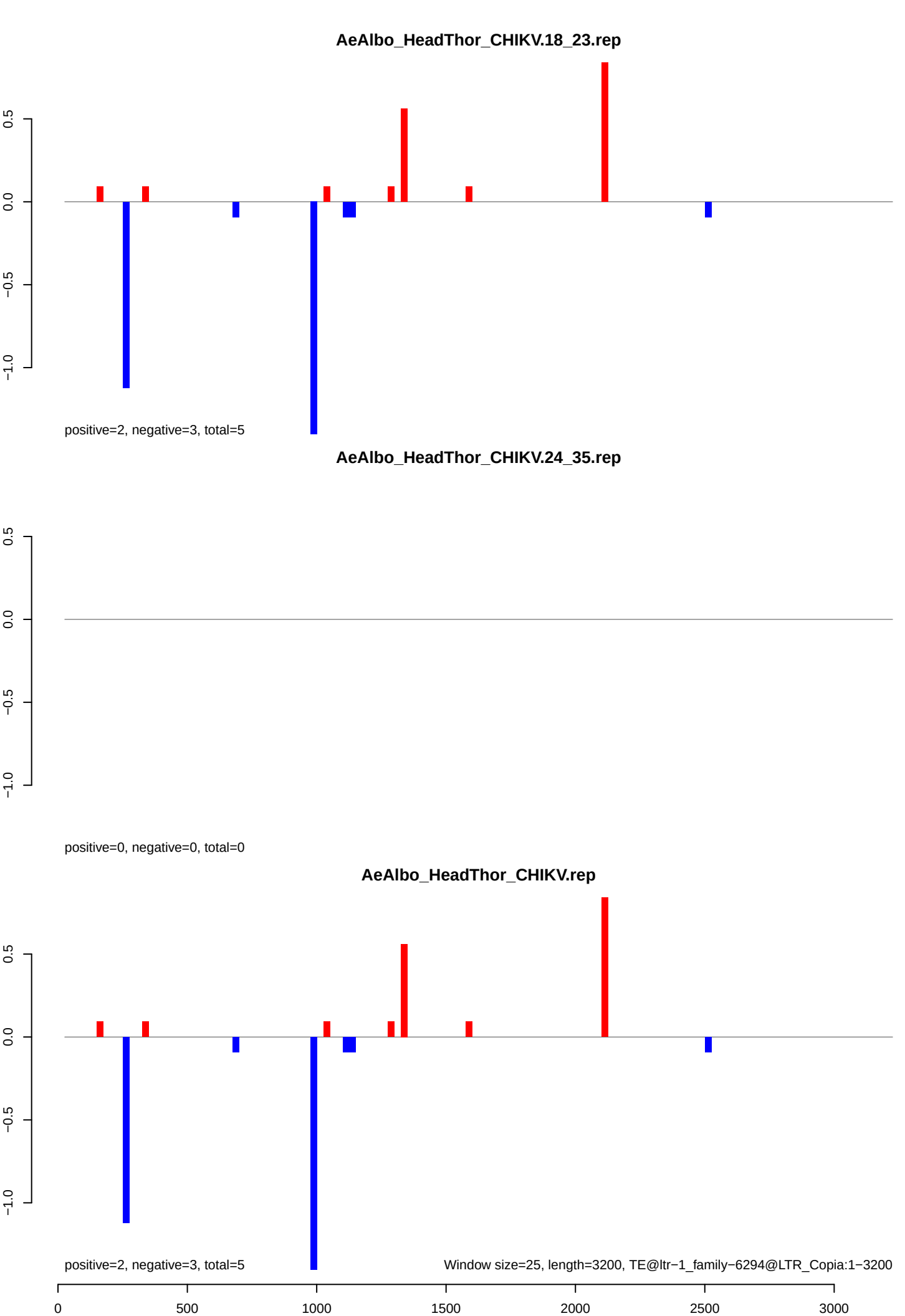

AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0

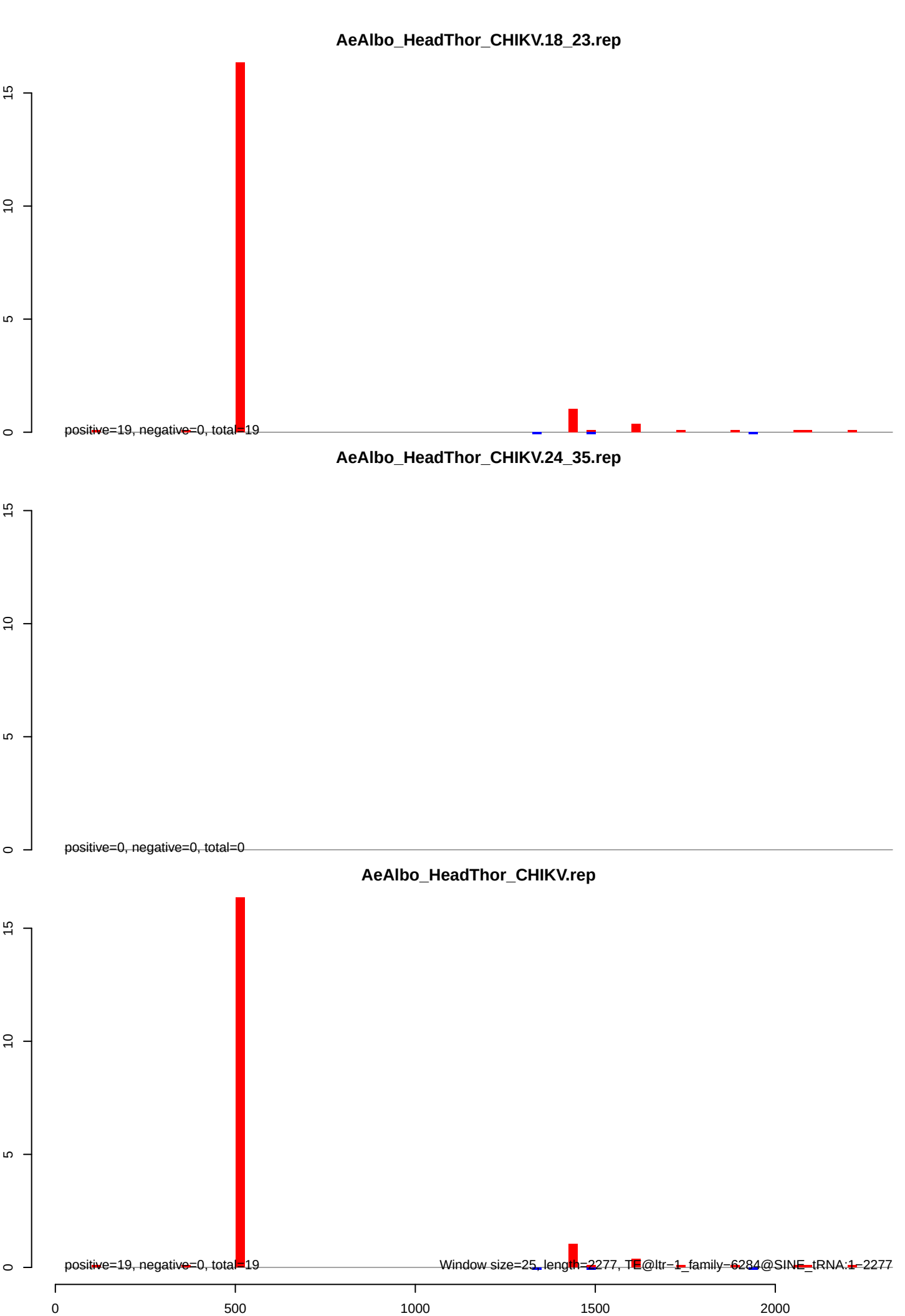

AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
positive=2, negative=0, total=2
Window size=25, length=848, TE@rnd−1_family−259@DNA:1−848
0
200
400
600
800

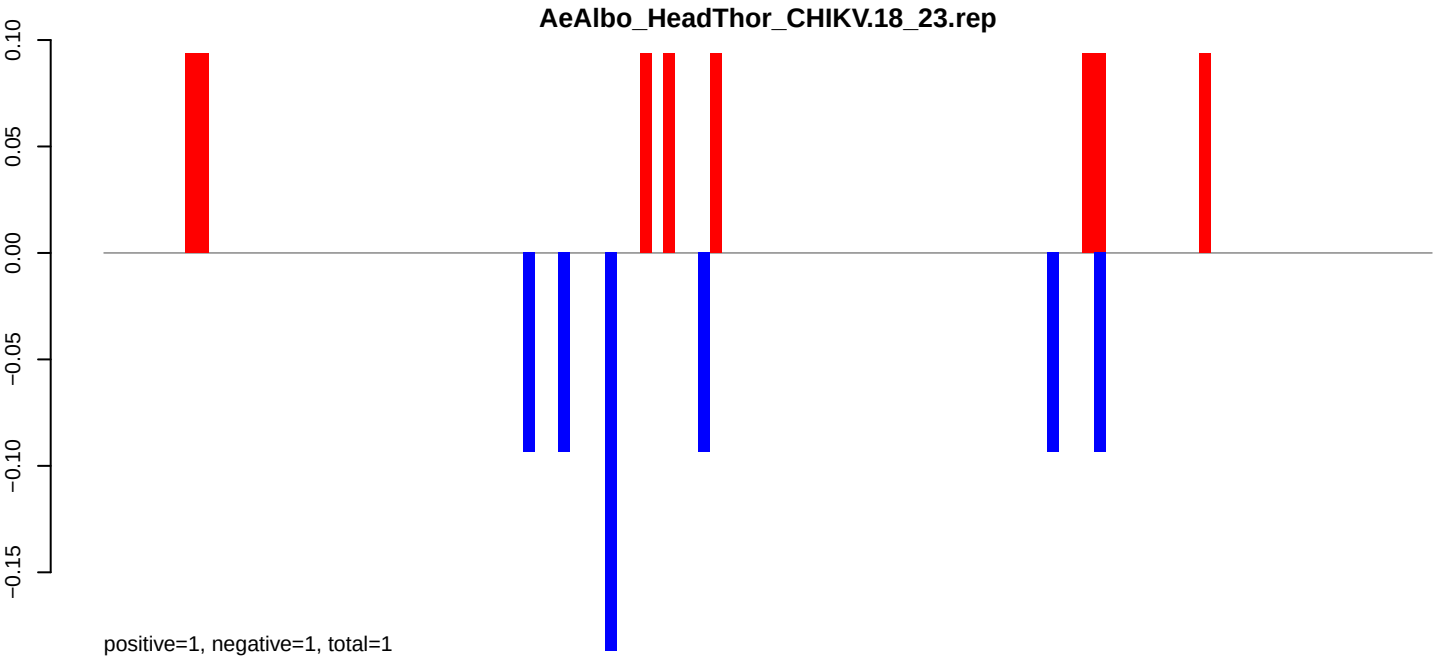

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=2
Window size=25, length=716, TE@rnd−1_family−1657@Unknown:1−716
0
200
400
600

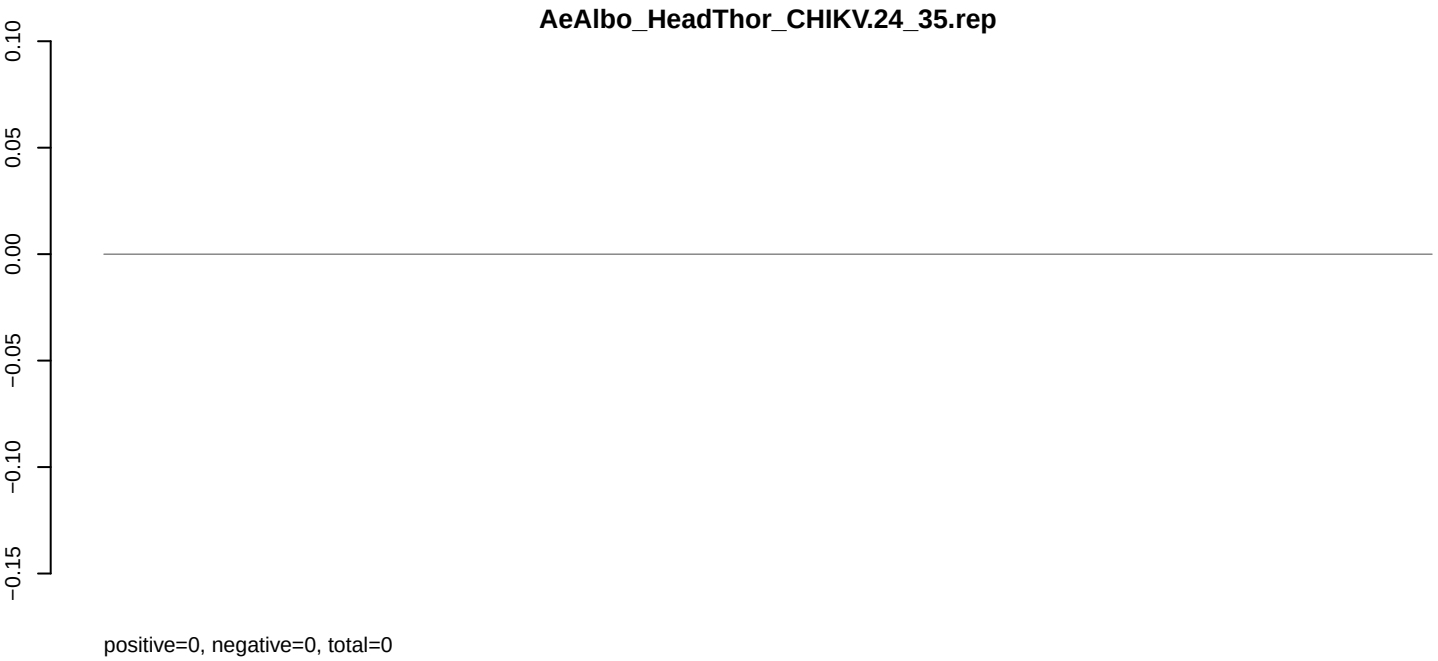

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2705, TE@ltr−1_family−6364@LTR_Pao:1−2705
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500

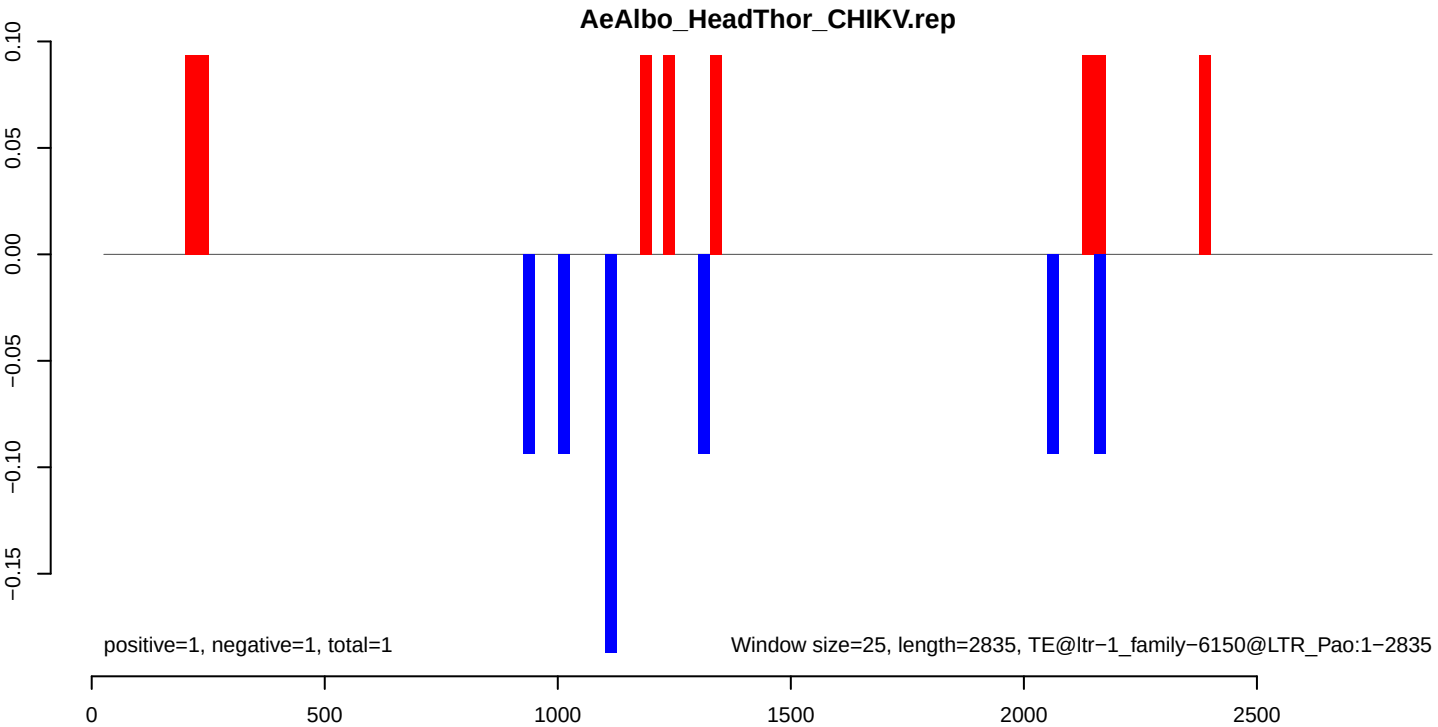

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=1800, TE@ltr−1_family−6337@DNA:1−1800
0
500
1000
1500

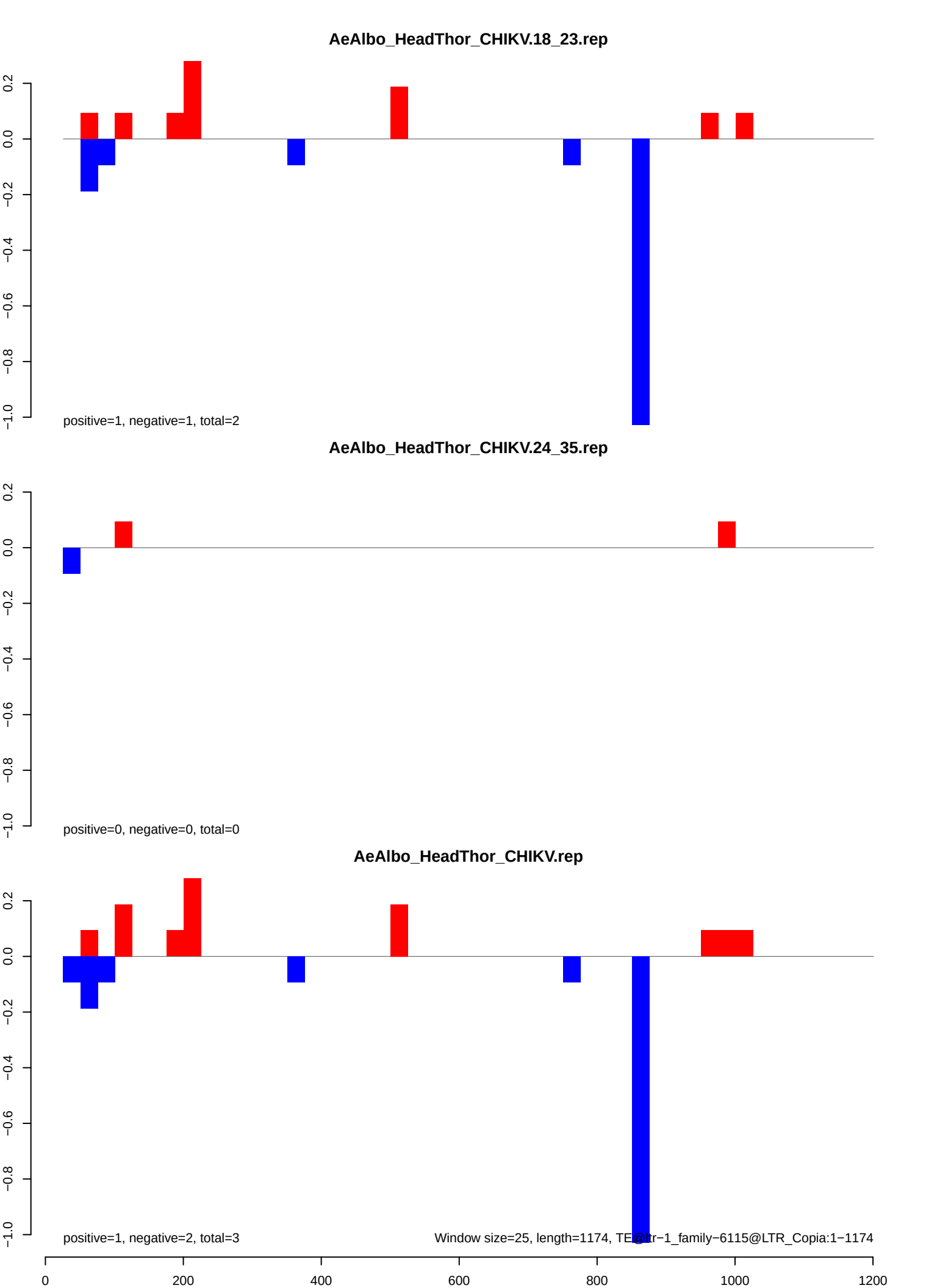

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=3, total=5
Window size=25, length=3200, TE@ltr−1_family−6294@LTR_Copia:1−3200
0
500
1000
1500
2000
2500
3000

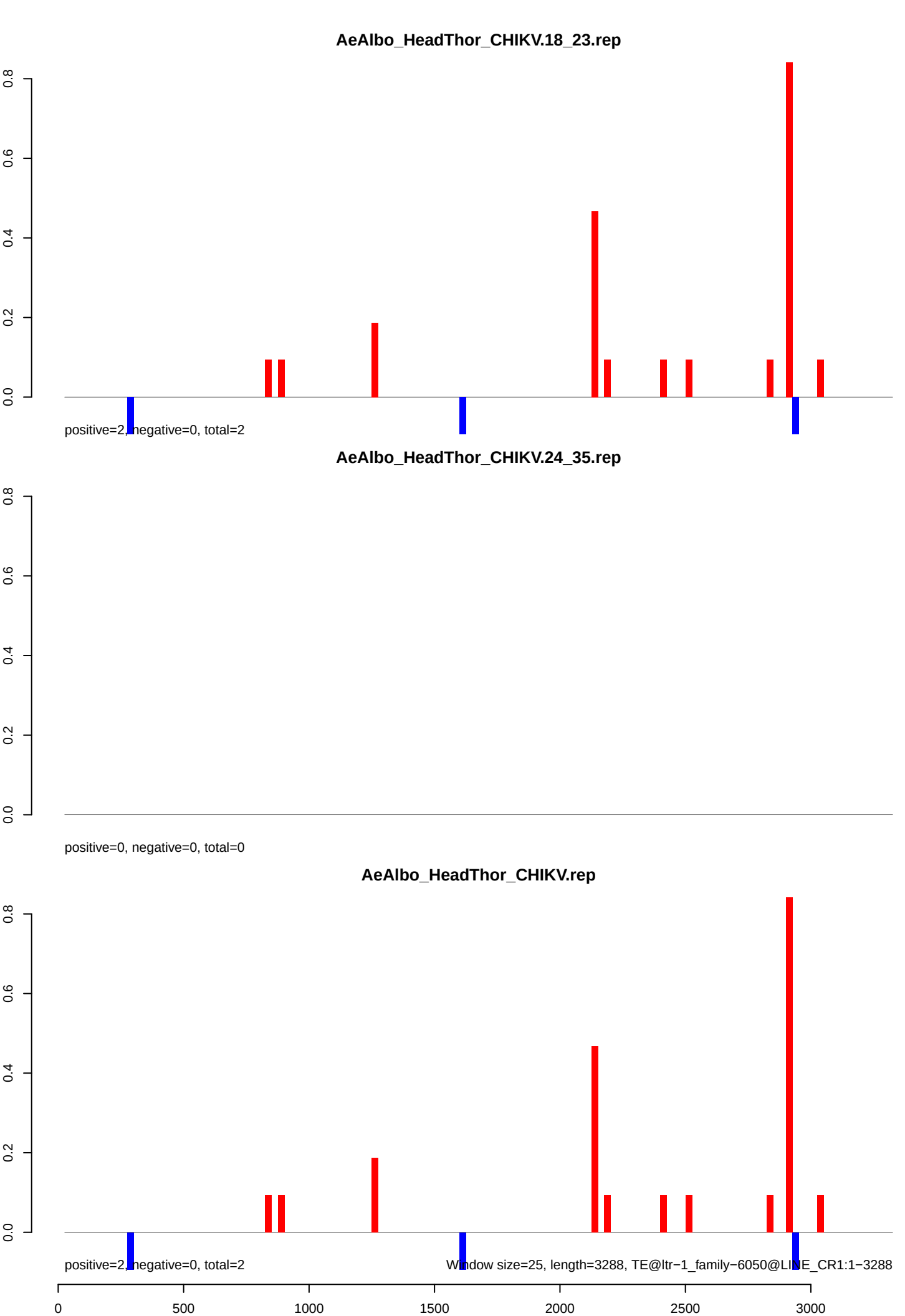

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=19, negative=0, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=19, negative=0, total=19
Window size=25, length=2277, TE@ltr-1_family-6284@SINE_tRNA:1-2277
0
5
10
15
0
500
1000
1500
2000

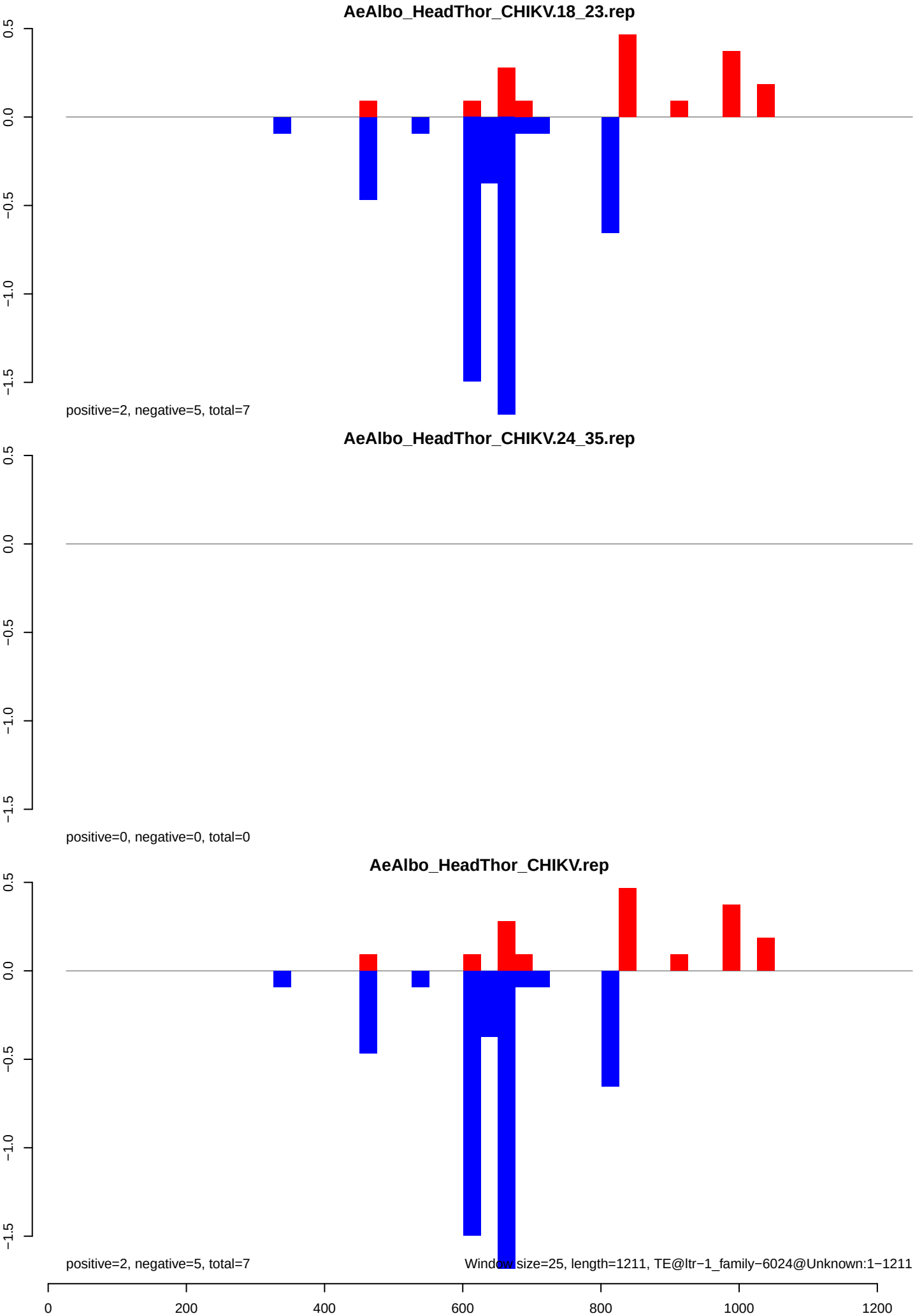

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=1, total=1

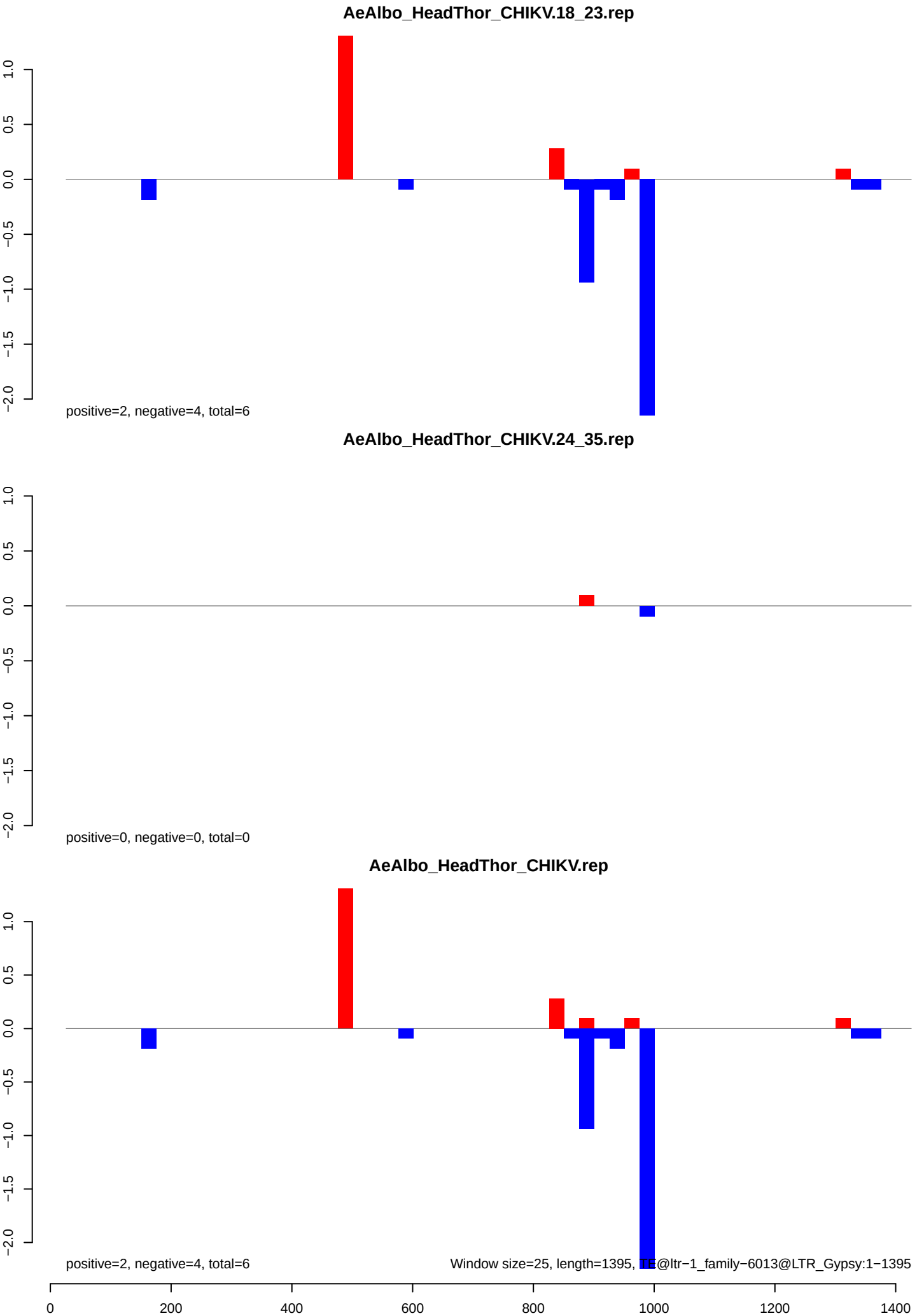

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

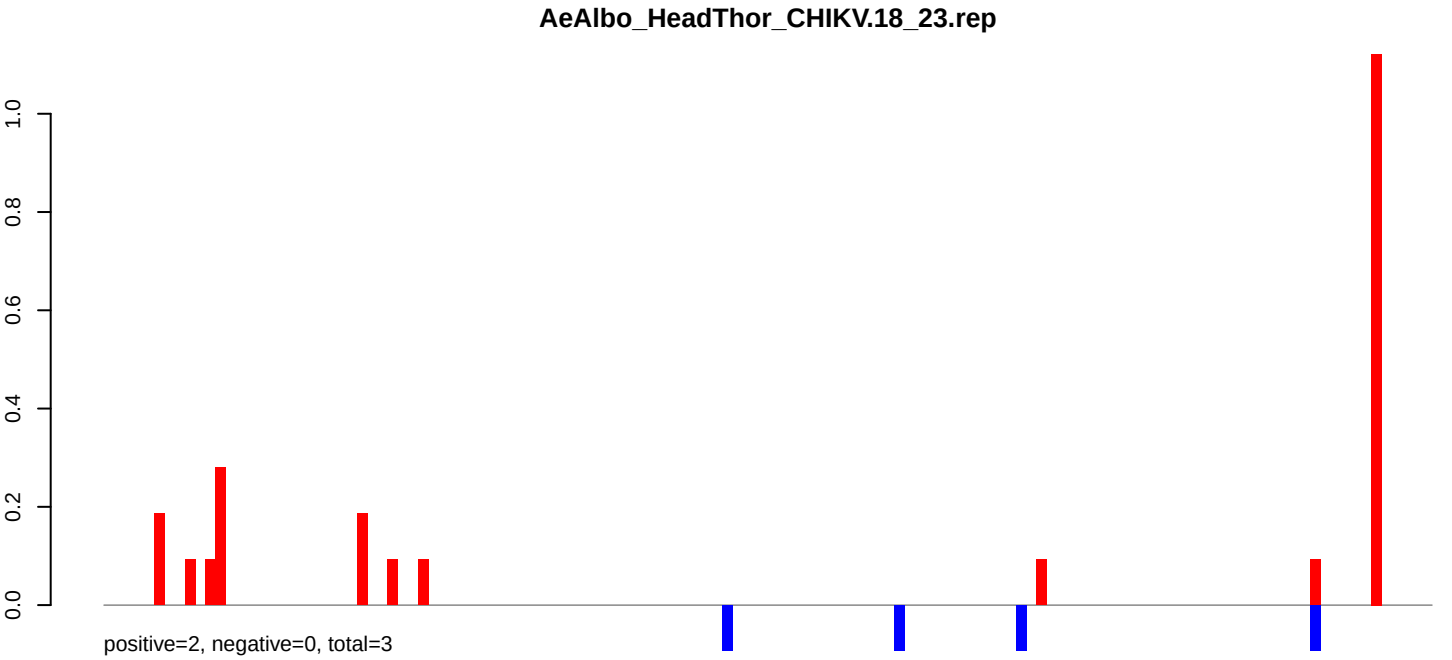

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=1, total=1
Window size=25, length=2835, TE@ltr−1_family−6150@LTR_Pao:1−2835
0
500
1000
1500
2000
2500

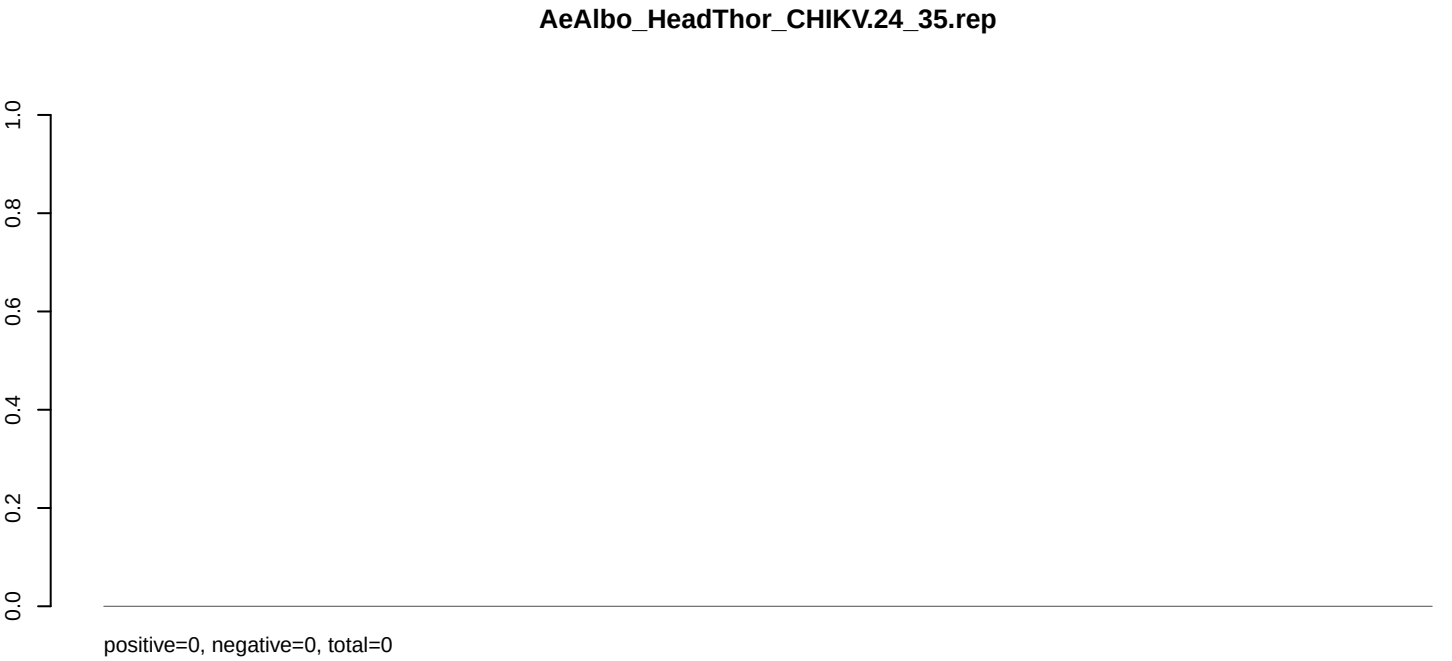

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=1174, TE@ltr−1_family−6115@LTR_Copia:1−1174
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
200
400
600
800
1000
1200

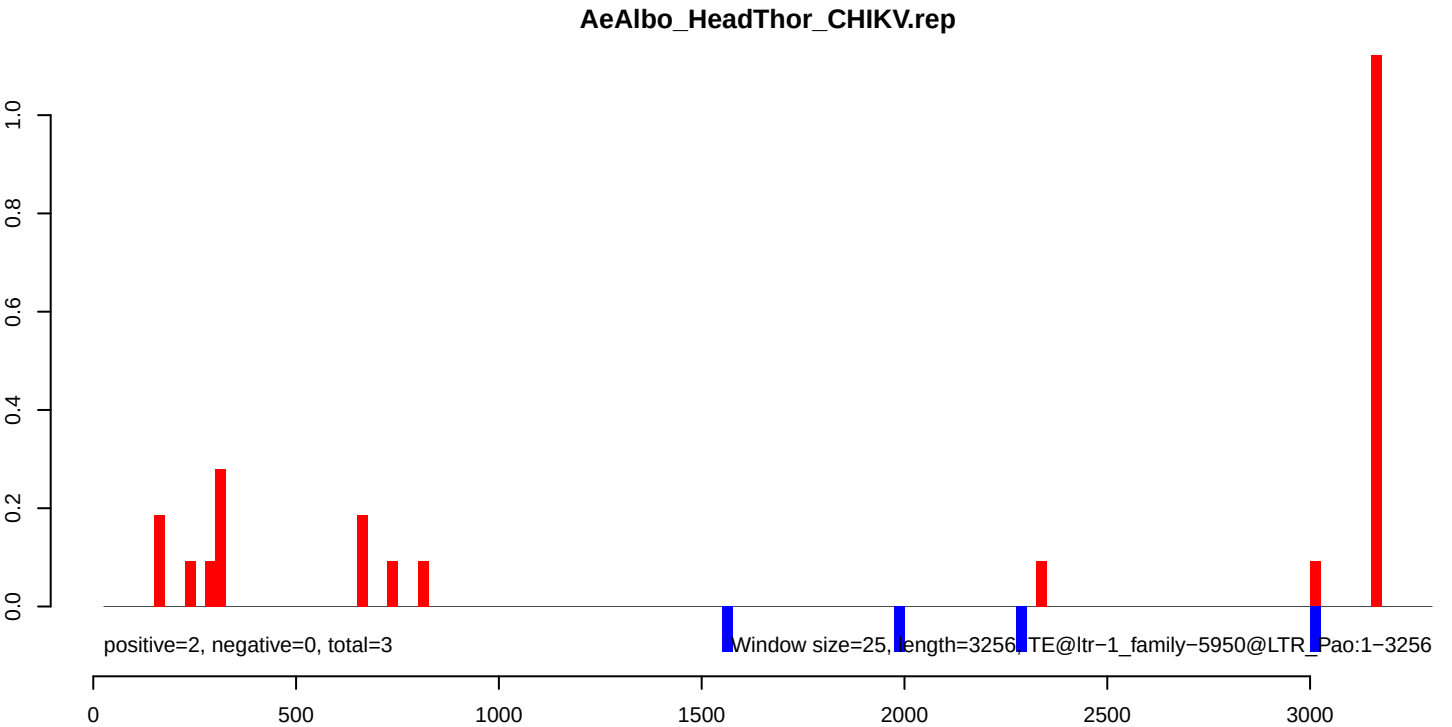

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=0, total=2
Window size=25, length=3288, TE@ltr−1_family−6050@LINE_CR1:1−3288
0
500
1000
1500
2000
2500
3000

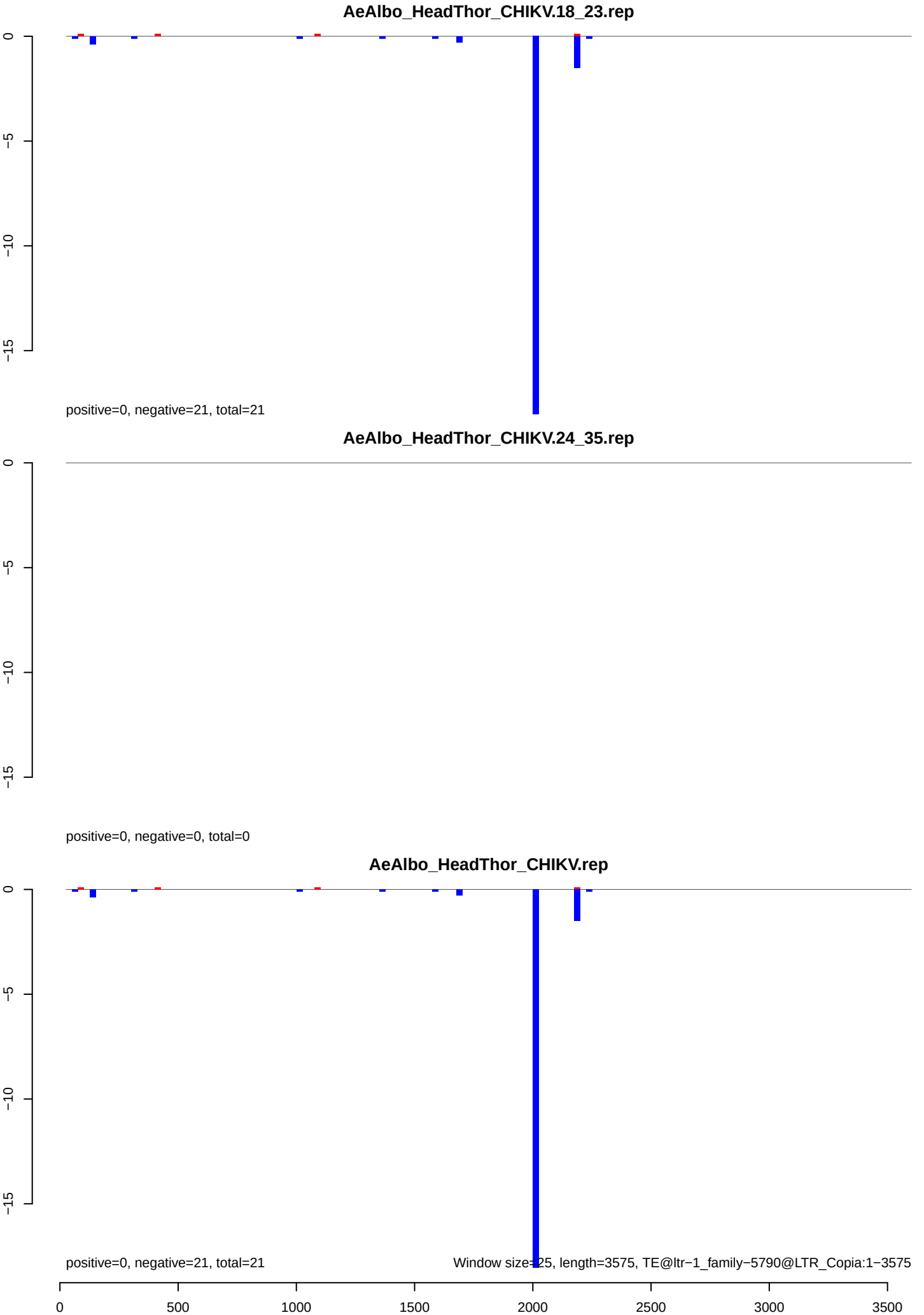

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=5, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=5, total=7
Window size=25, length=1211, TE@ltr−1_family−6024@Unknown:1−1211
0
200
400
600
800
1000
1200

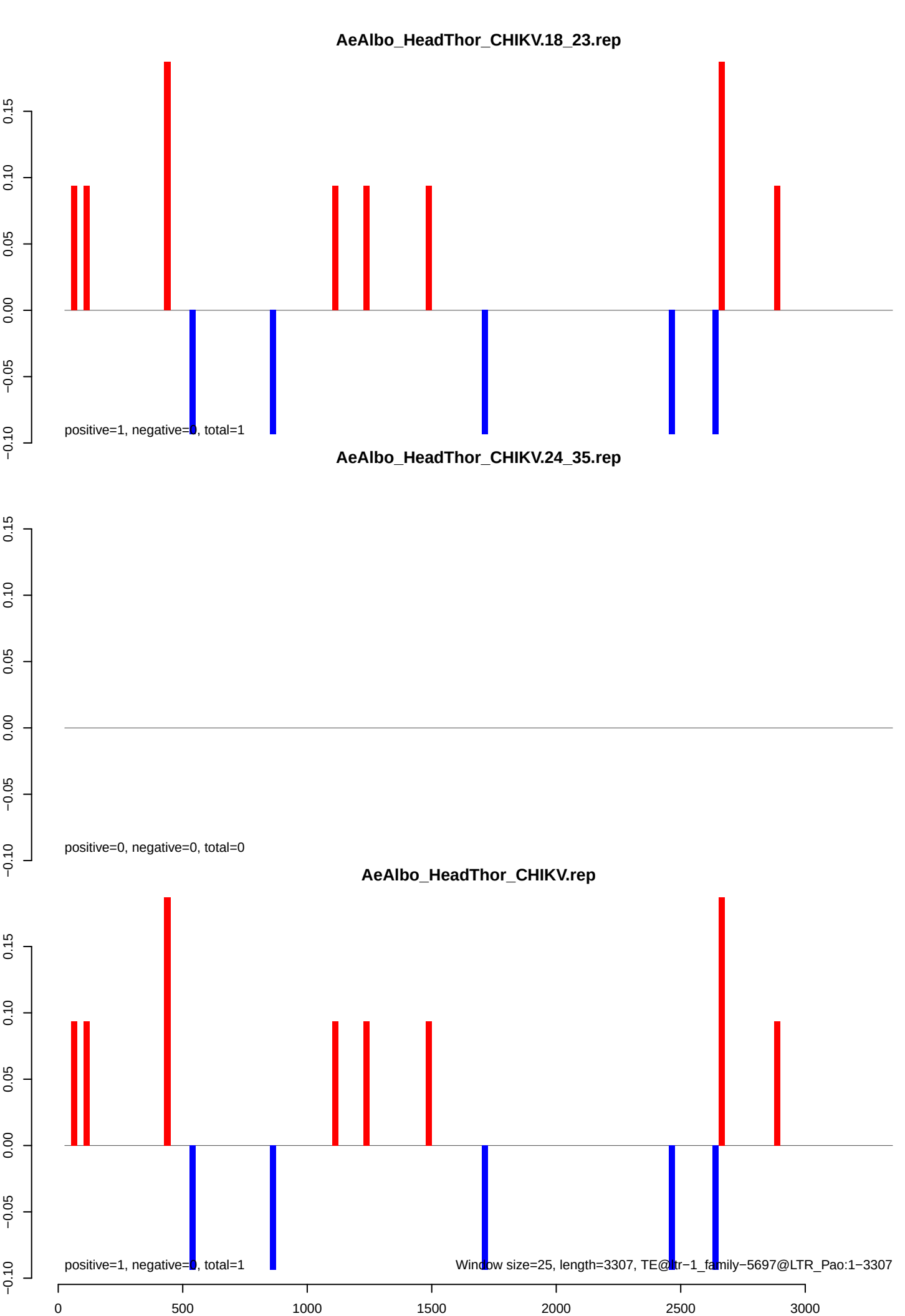

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=4, total=6
Window size=25, length=1395, TE@ltr−1_family−6013@LTR_Gypsy:1−1395
0
200
400
600
800
1000
1200
1400

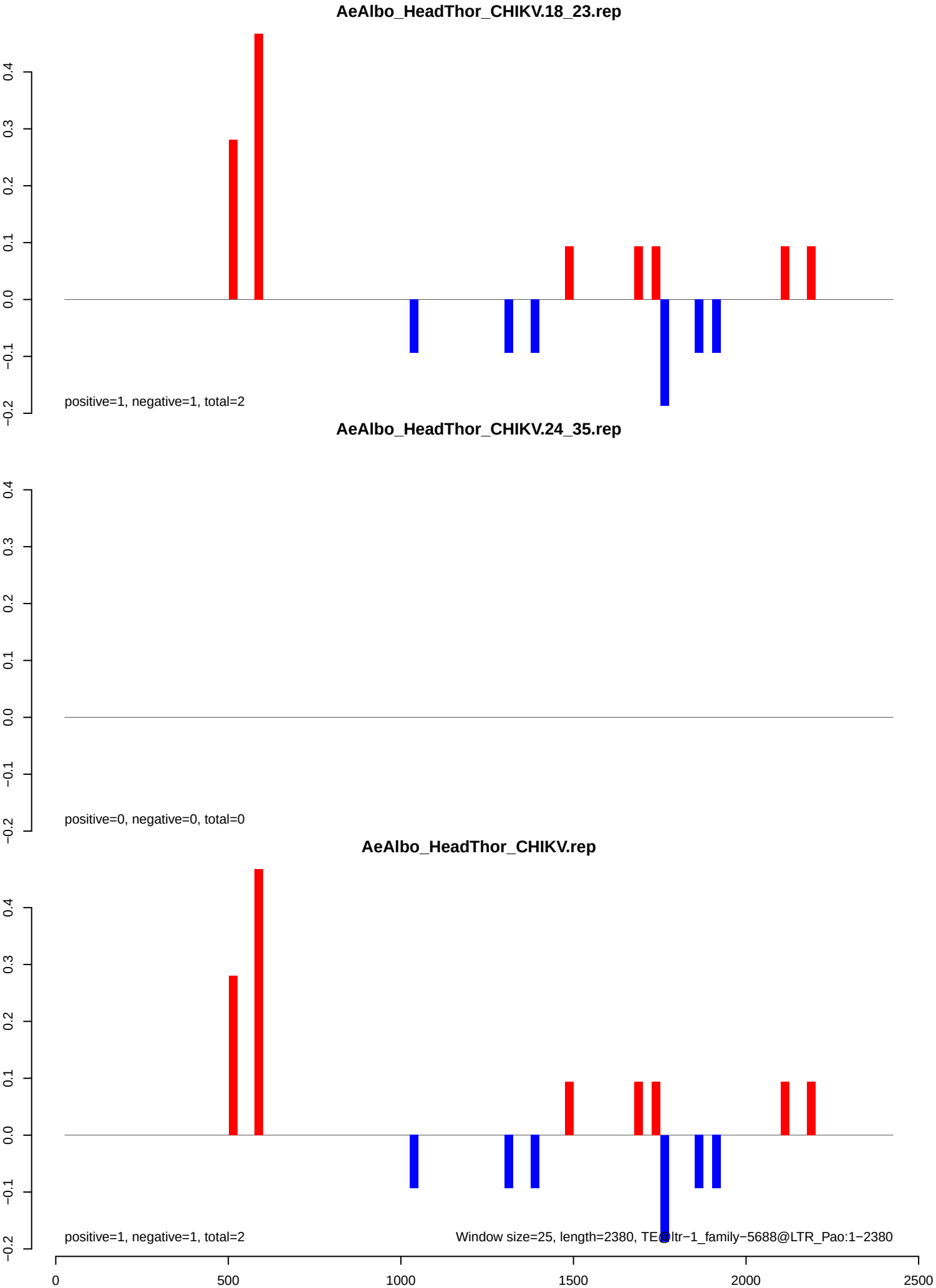

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=3

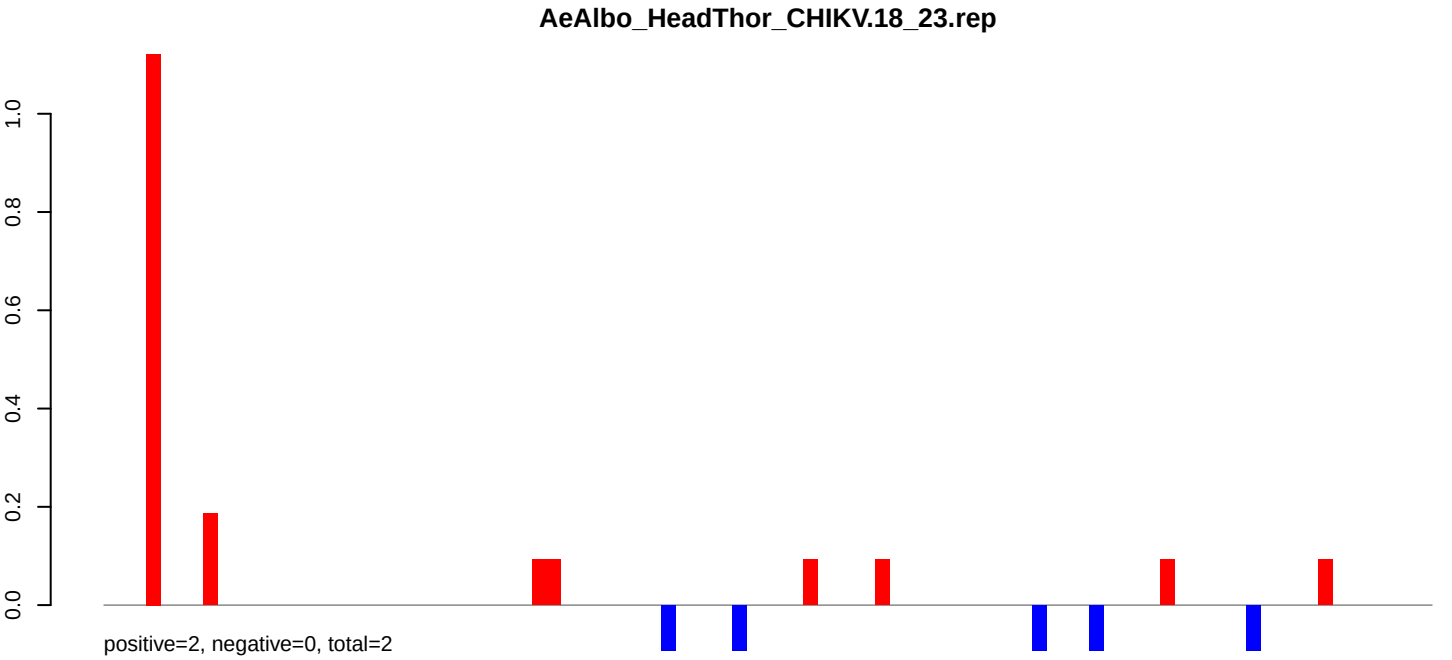

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=0, negative=0, total=0

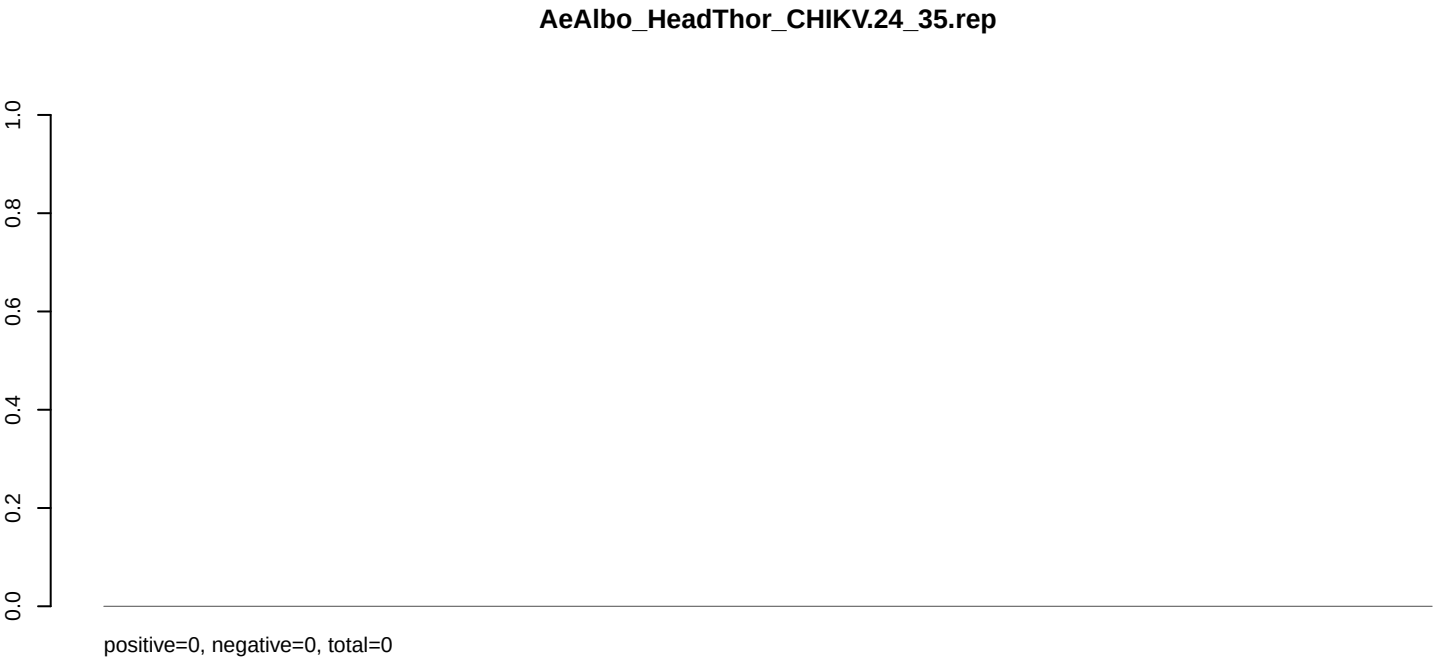

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=3
Window size=25, length=3256, TE@ltr−1_family−5950@LTR_Pao:1−3256
0
500
1000
1500
2000
2500
3000

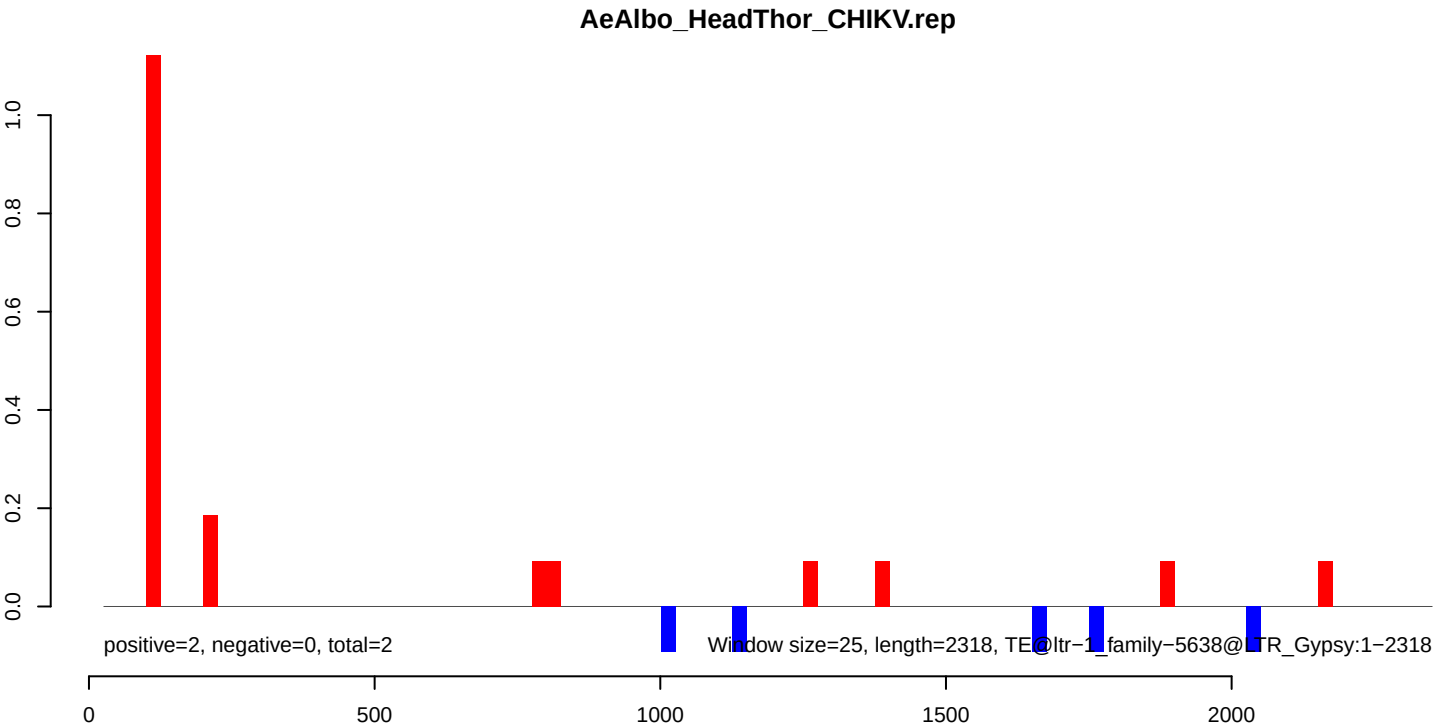

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=0, negative=21, total=21
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=21, total=21
Window size=25, length=3575, TE@ltr−1_family−5790@LTR_Copia:1−3575
0
500
1000
1500
2000
2500
3000
3500

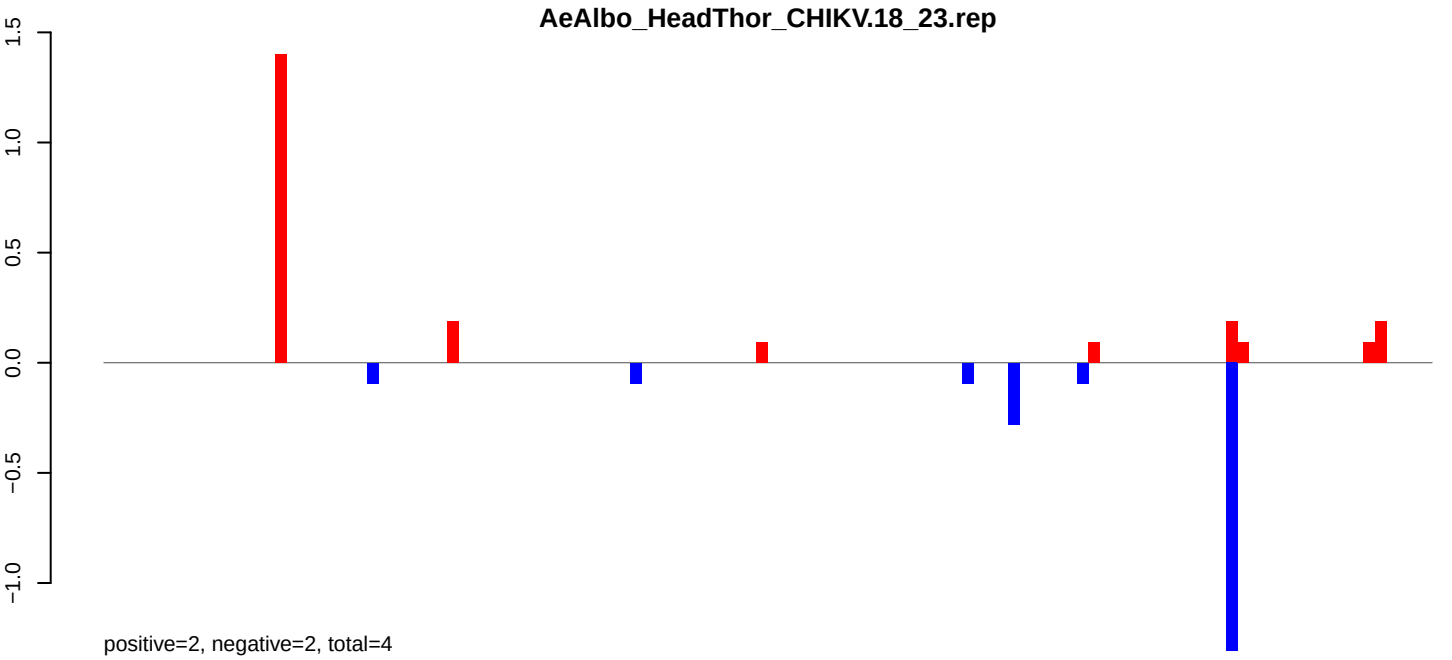

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=3307, TE@ltr−1_family−5697@LTR_Pao:1−3307
0
500
1000
1500
2000
2500
3000

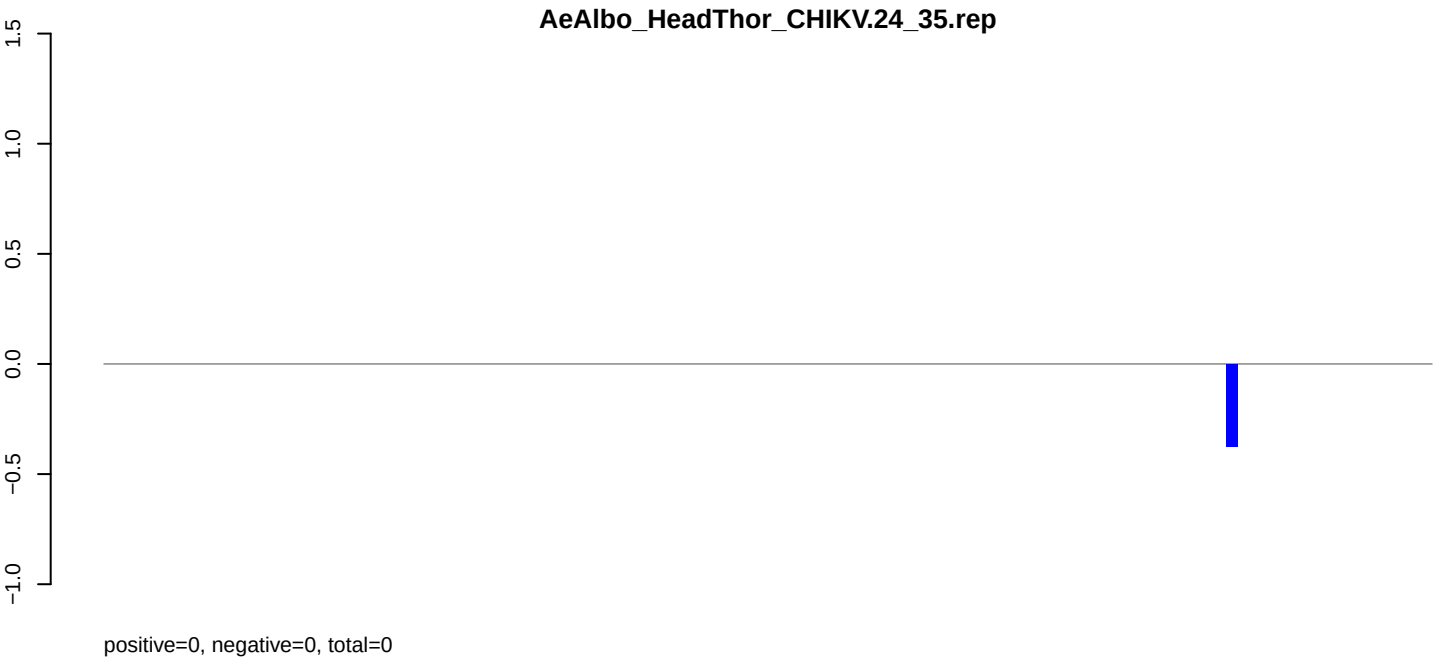

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2380, TE@ltr−1_family−5688@LTR_Pao:1−2380
0
500
1000
1500
2000
2500

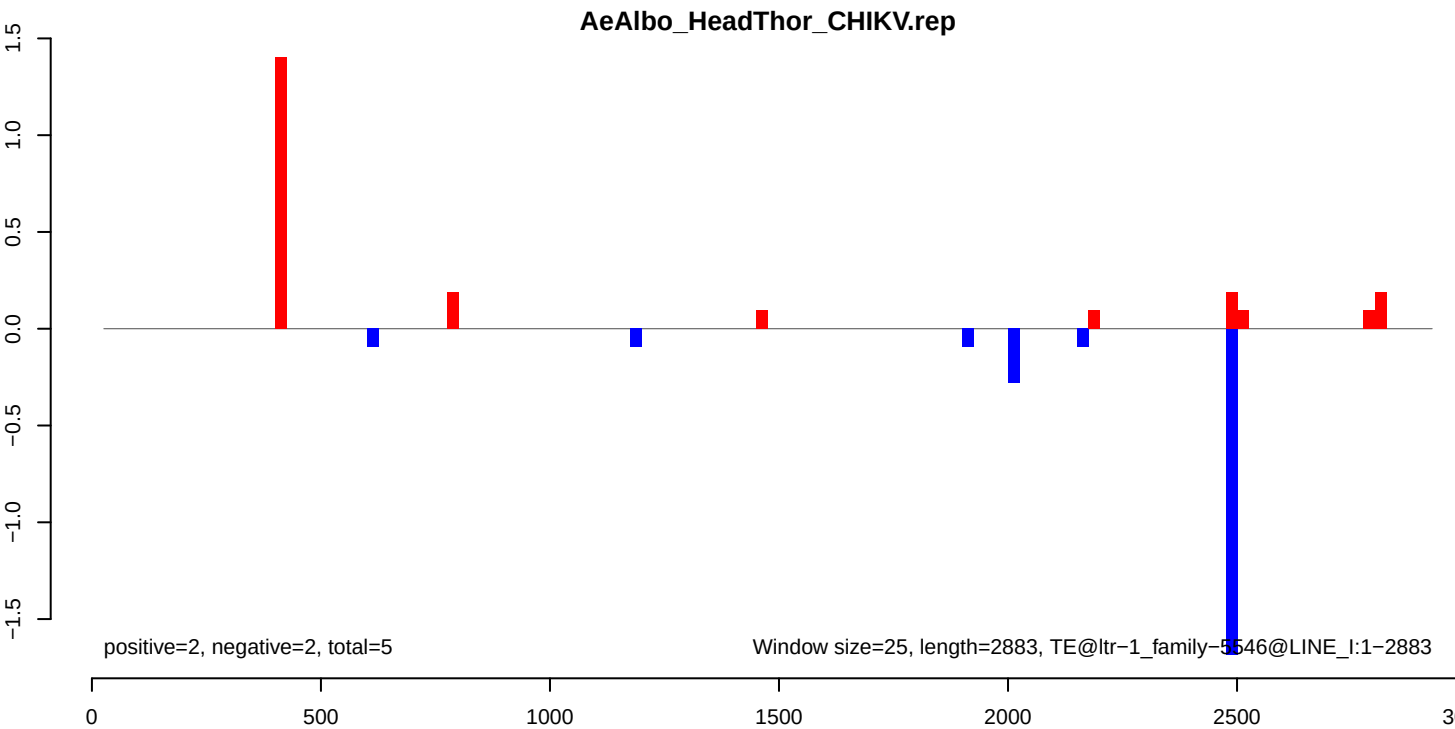

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=2

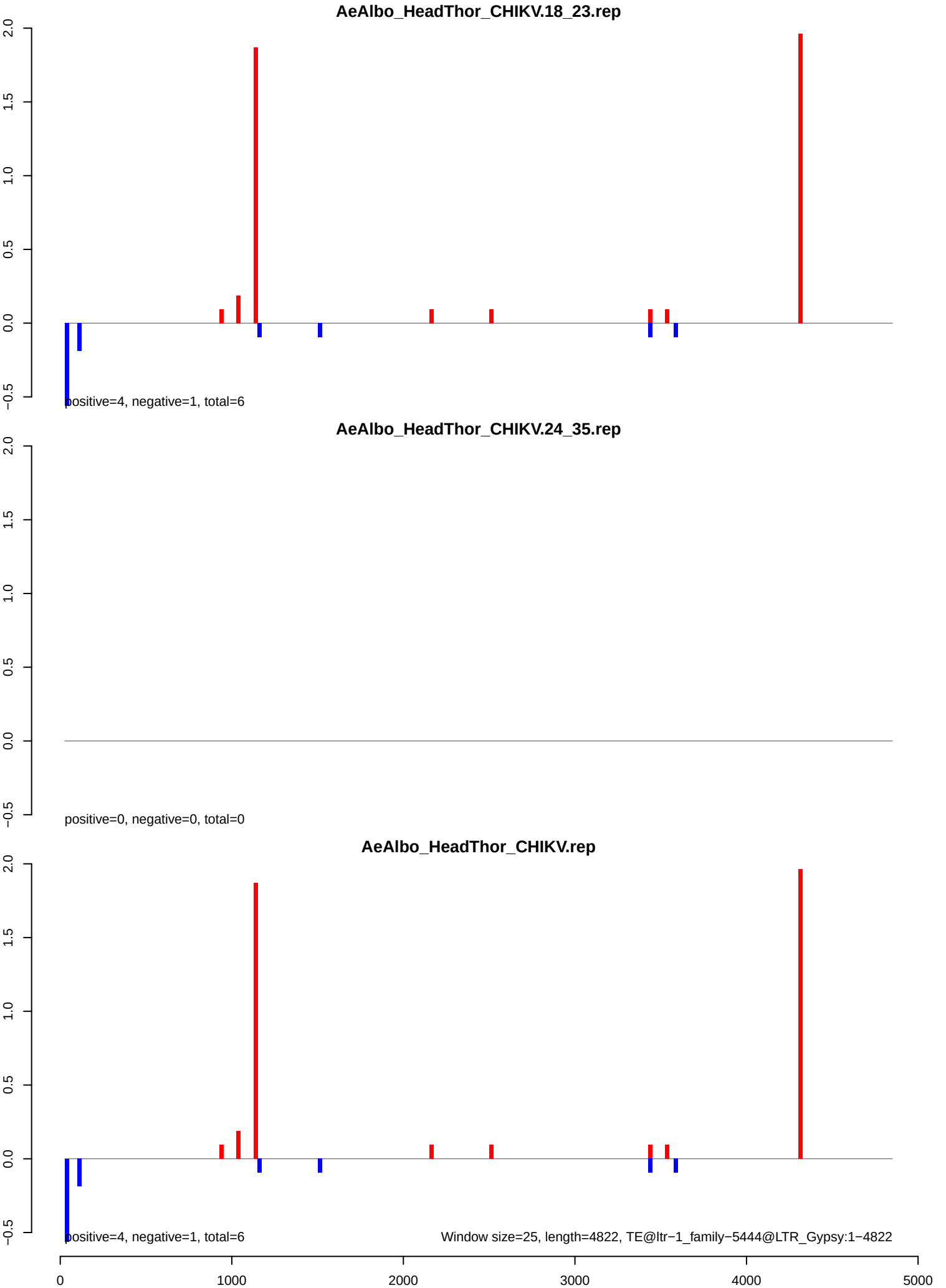

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=0, negative=0, total=0

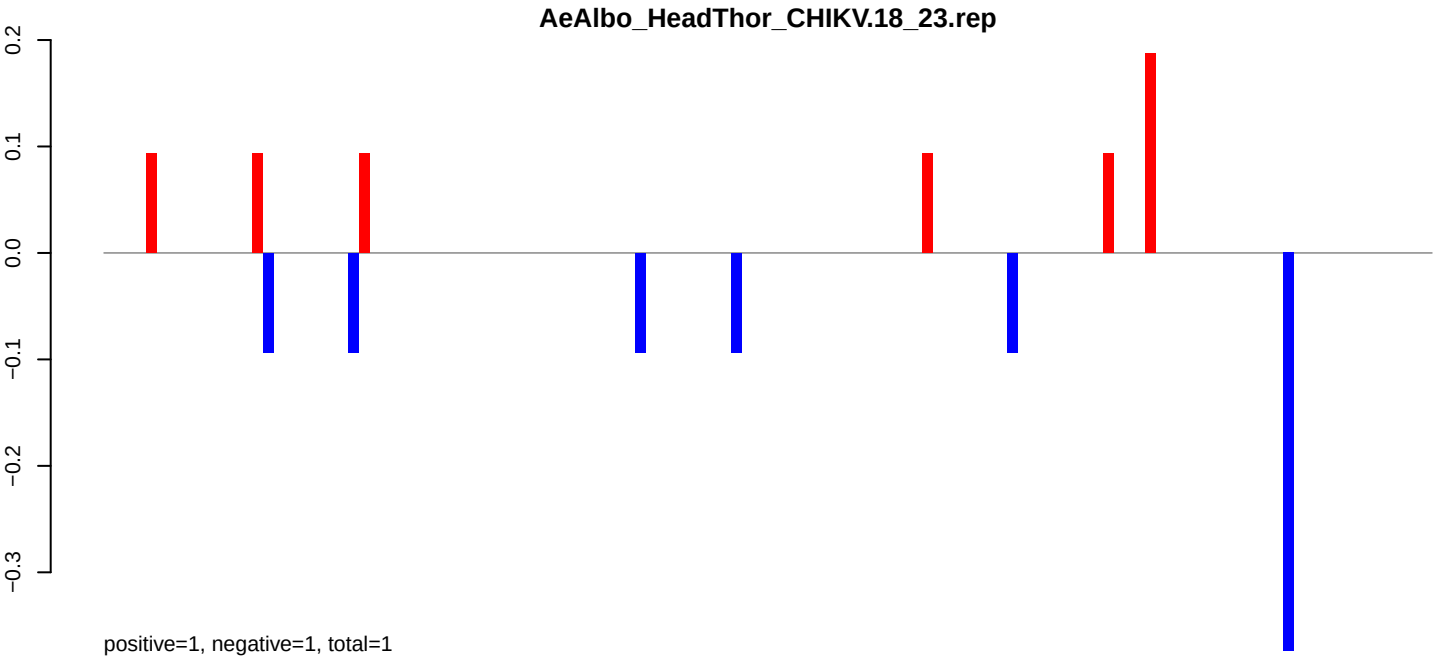

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=2
Window size=25, length=2318, TE@ltr−1_family−5638@LTR_Gypsy:1−2318
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=4

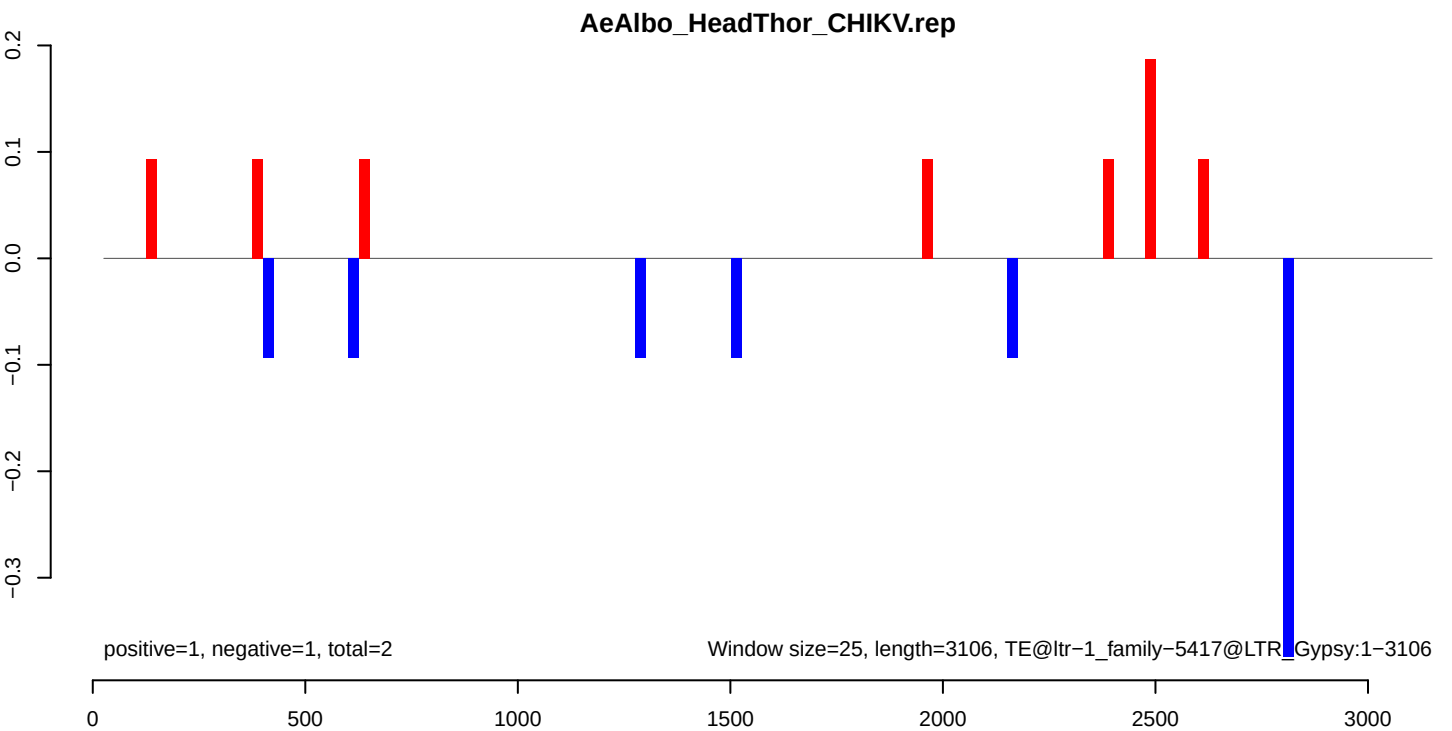

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0

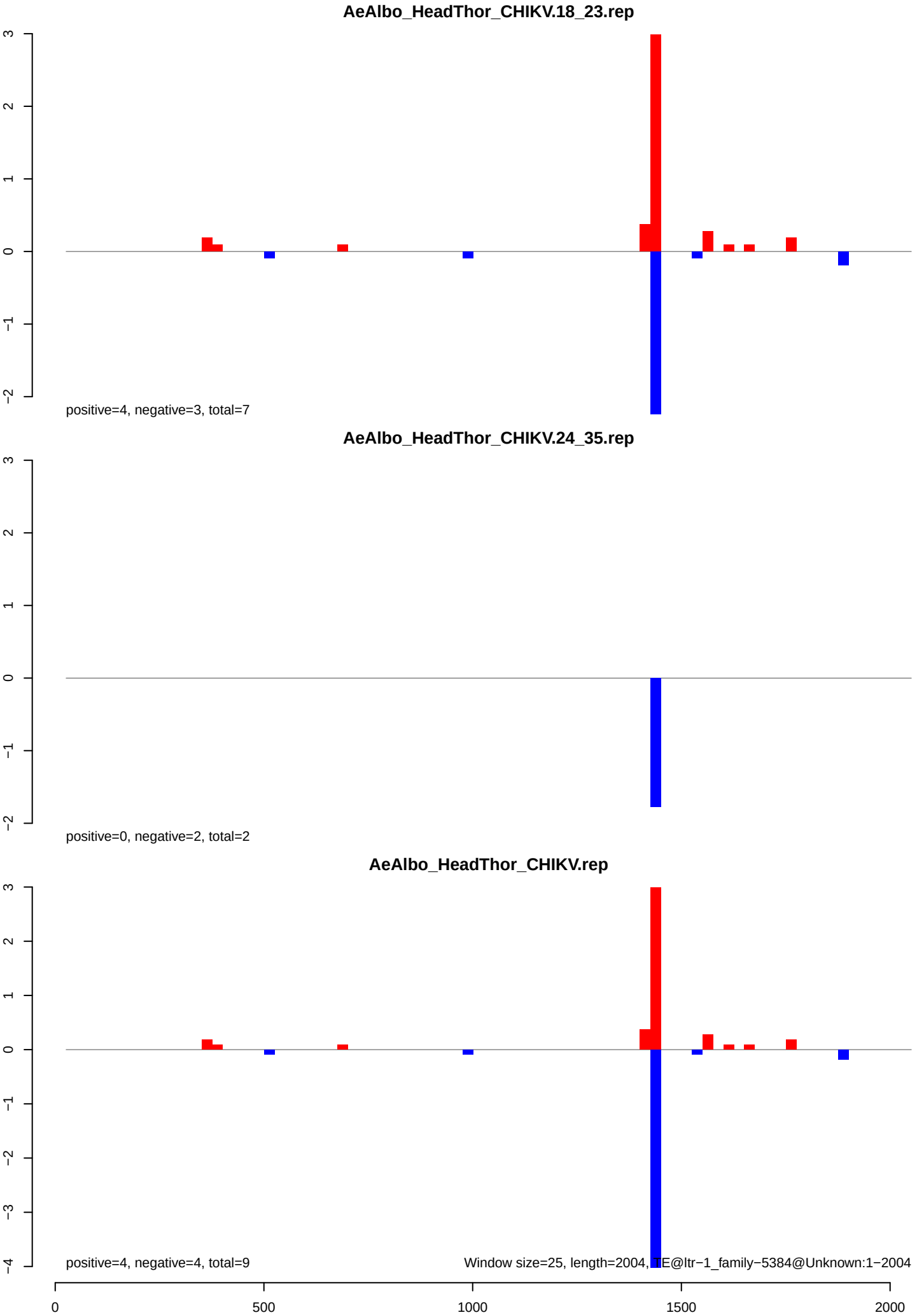

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=5
Window size=25, length=2883, TE@ltr−1_family−5546@LINE_I:1−2883
0
500
1000
1500
2000
2500
3000

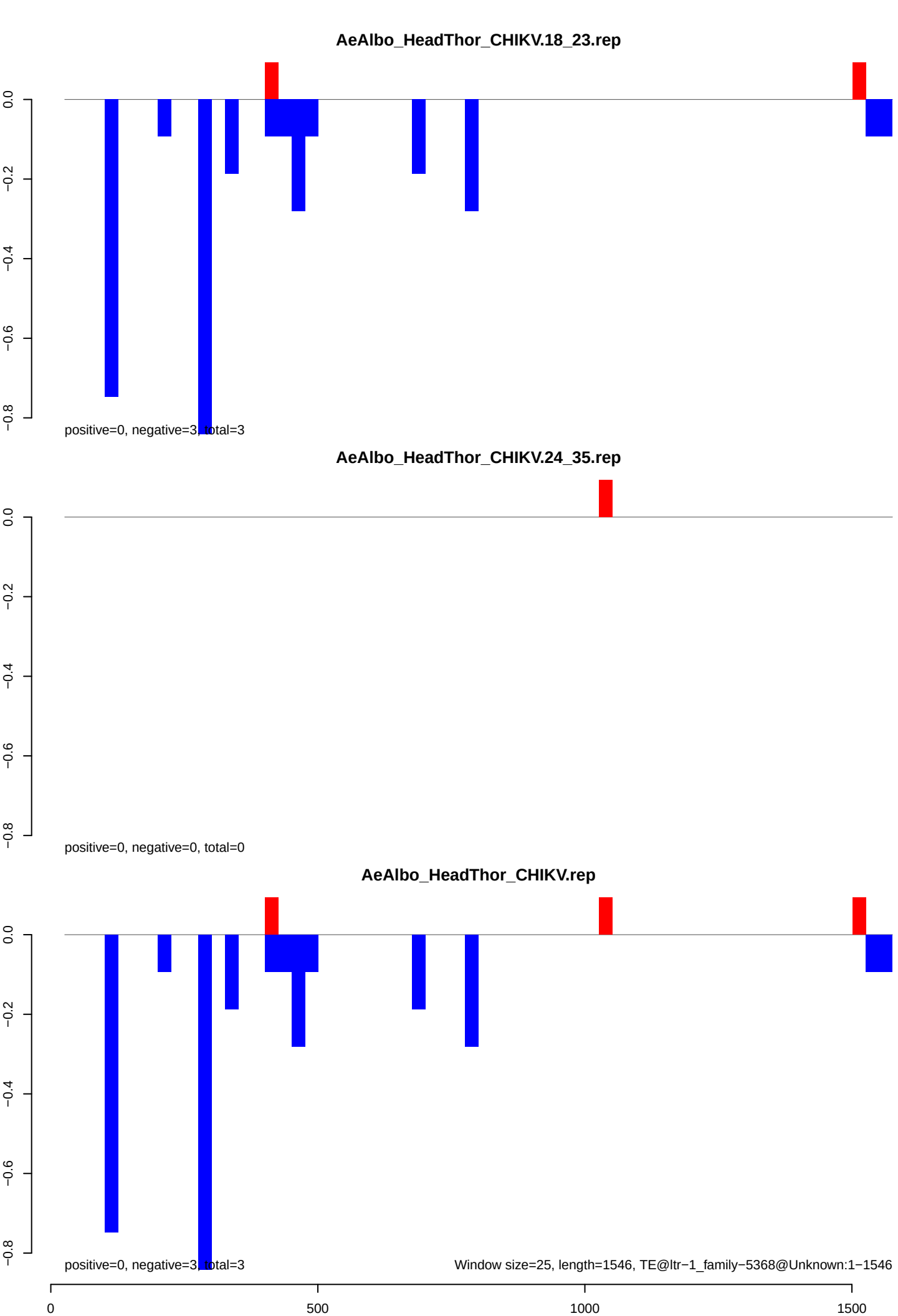

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=1, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=1, total=6
Window size=25, length=4822, TE@ltr−1_family−5444@LTR_Gypsy:1−4822
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000
5000

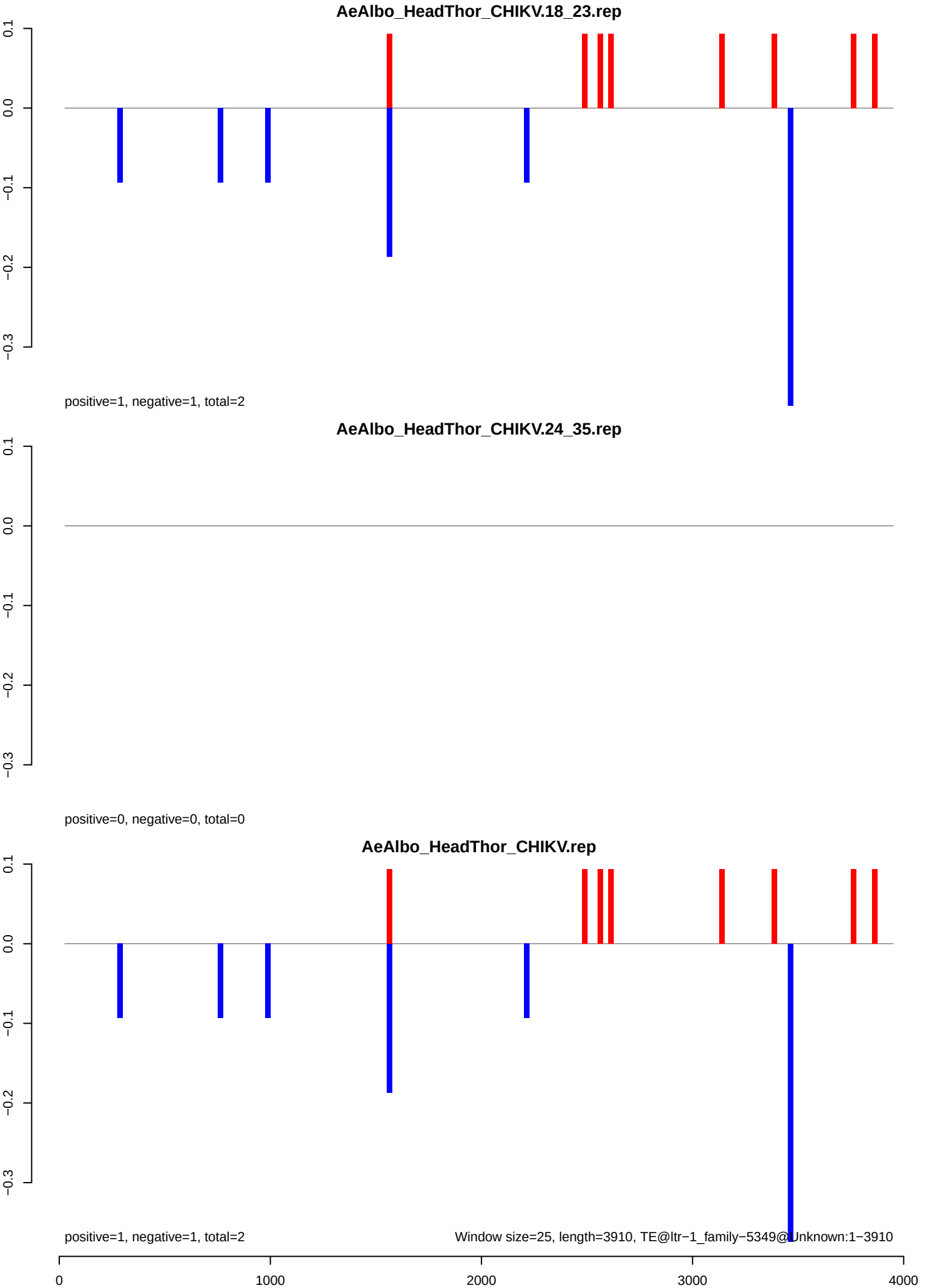

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=1

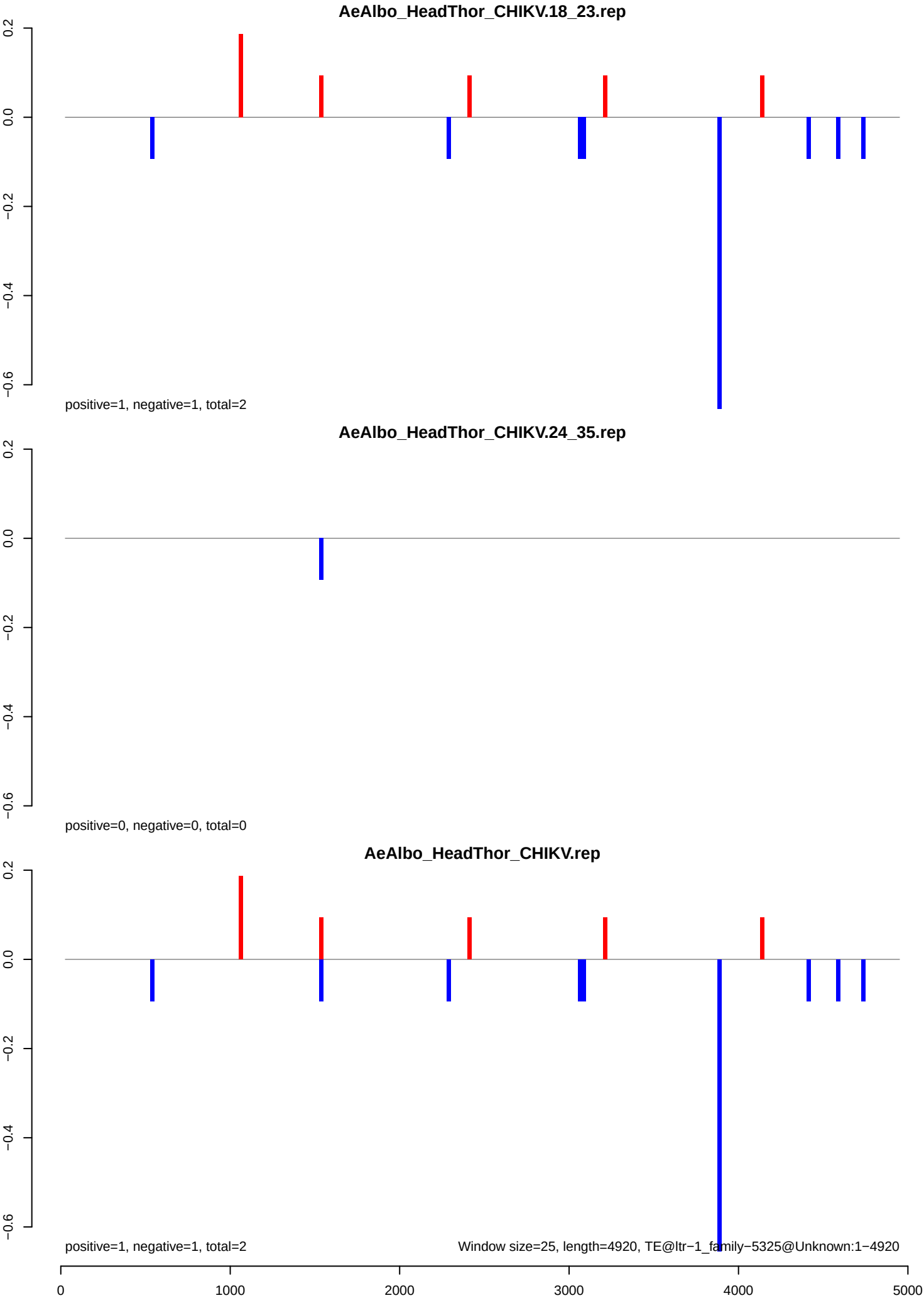
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

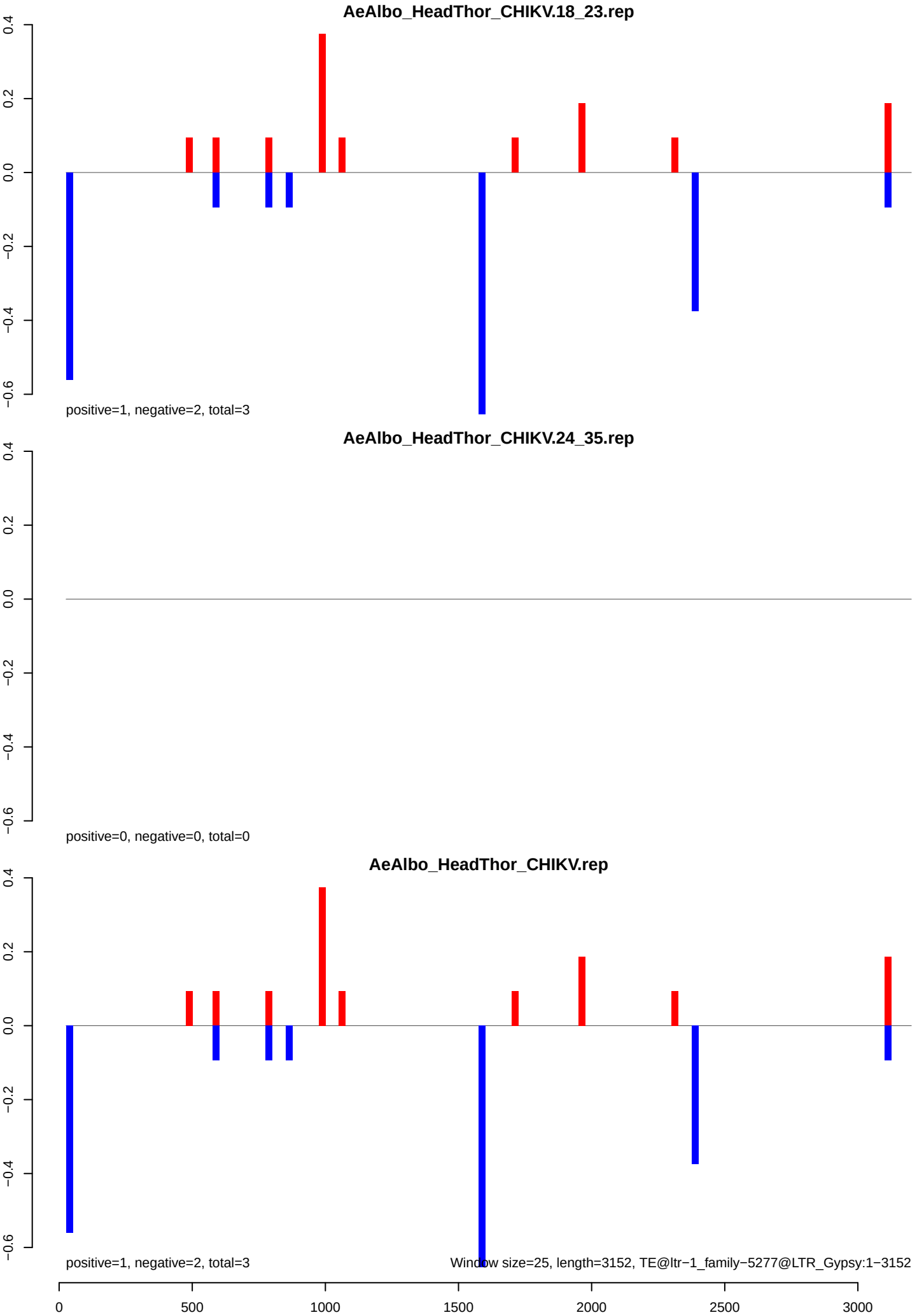

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2
Window size=25, length=3106, TE@ltr−1_family−5417@LTR_Gypsy:1−3106
0
500
1000
1500
2000
2500
3000

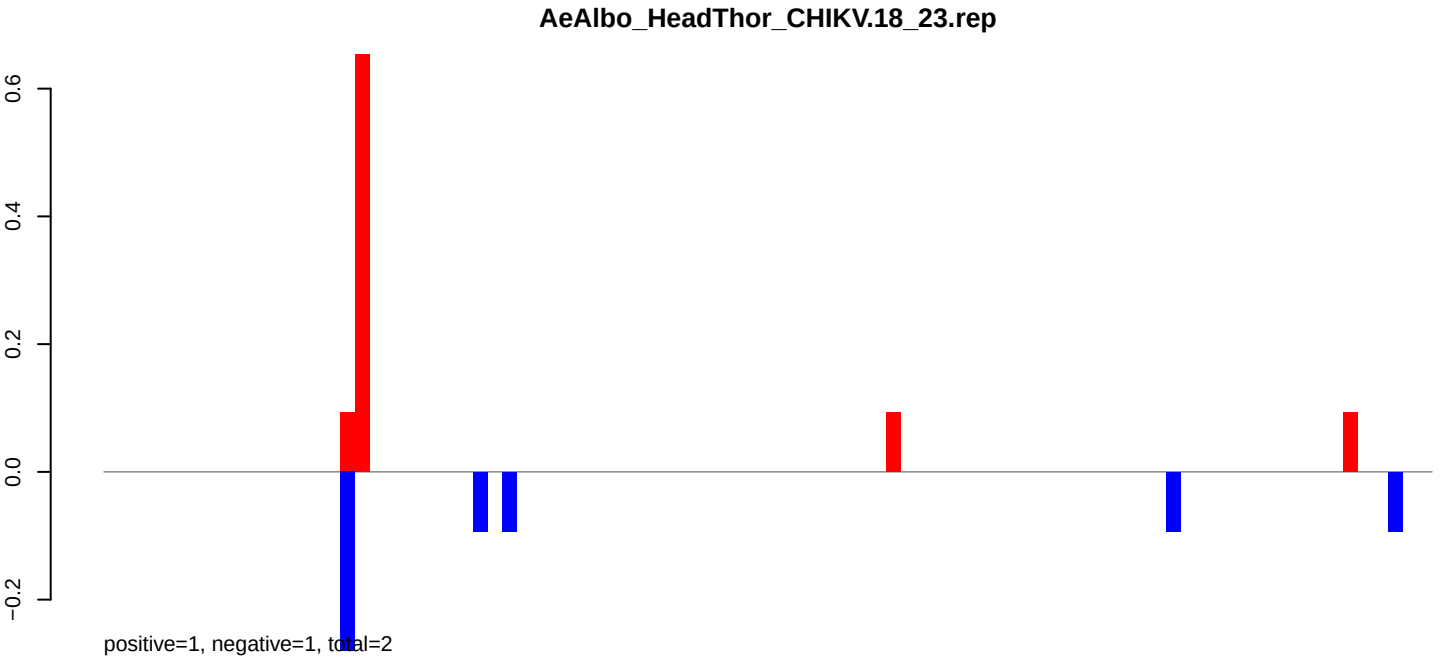

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=3, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=4, total=9
Window size=25, length=2004, TE@ltr−1_family−5384@Unknown:1−2004
0
500
1000
1500
2000

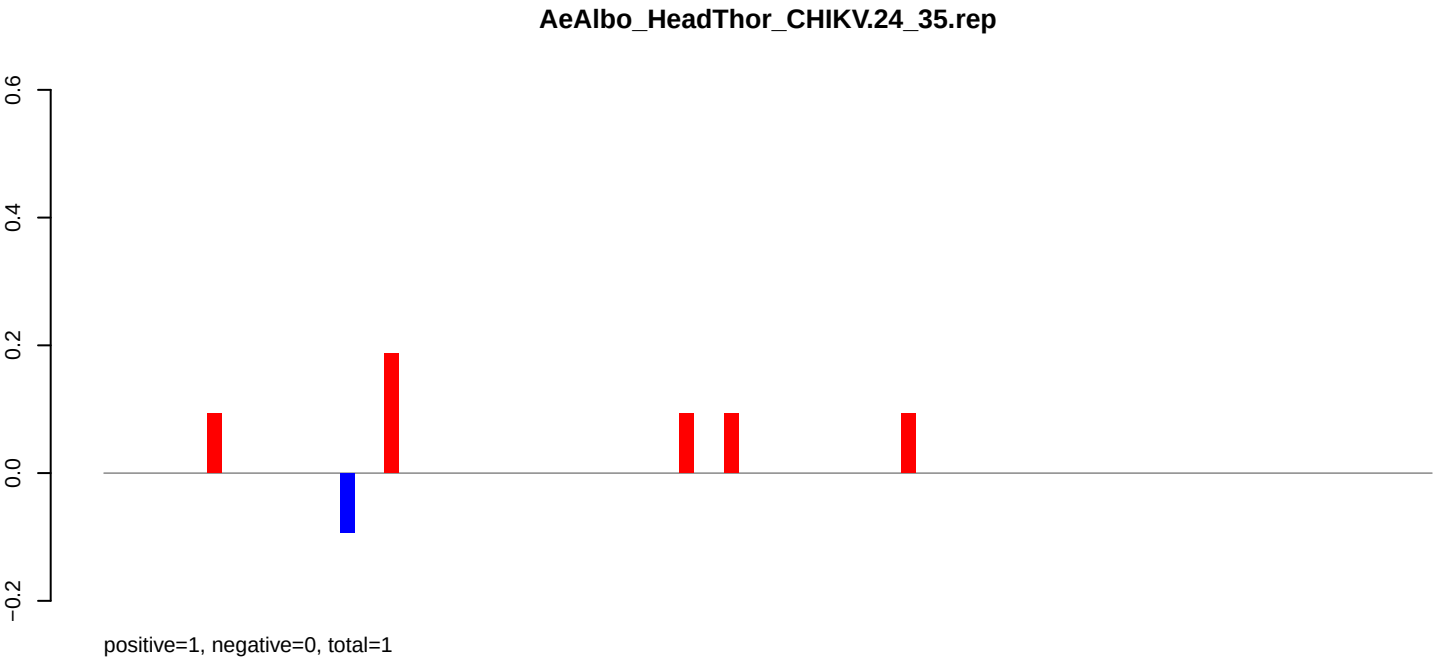

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=3, total=3
Window size=25, length=1546, TE@ltr−1_family−5368@Unknown:1−1546
0
500
1000
1500

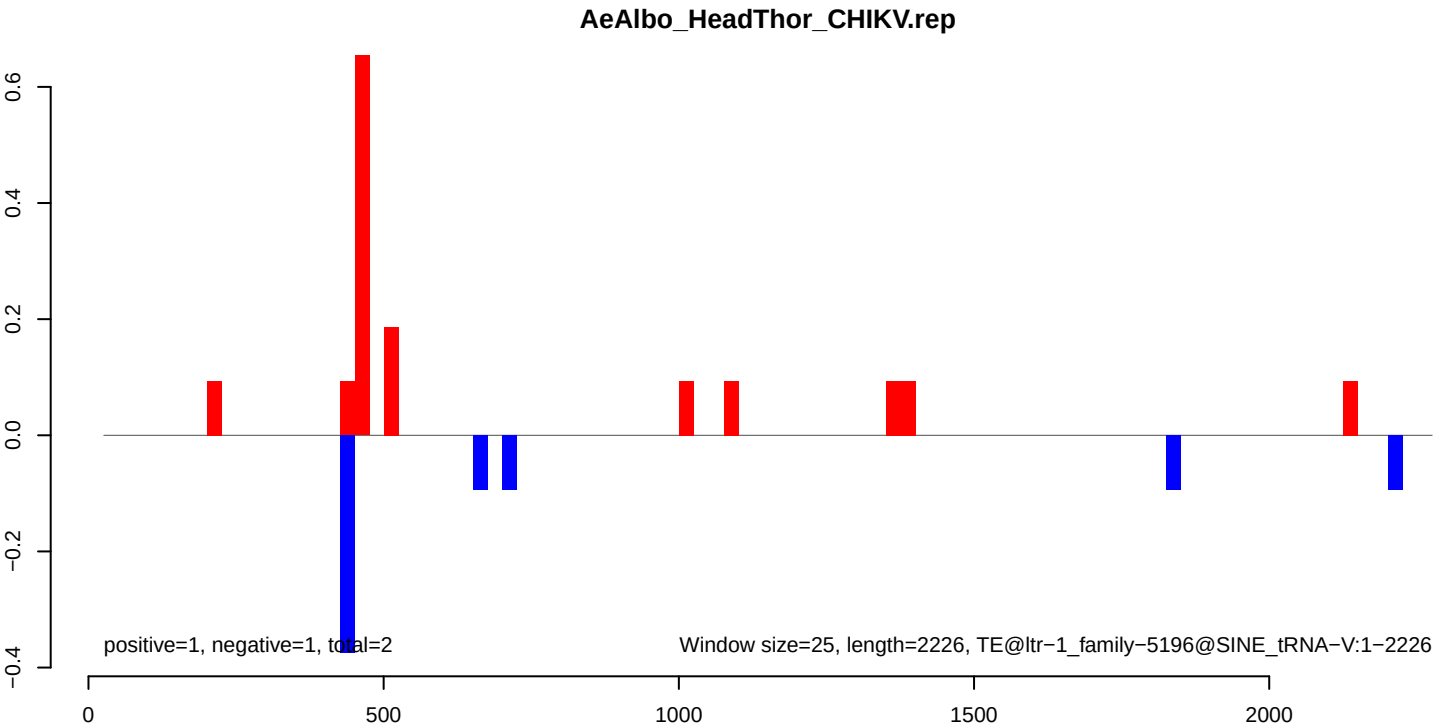

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2
Window size=25, length=3910, TE@ltr−1_family−5349@Unknown:1−3910
0
1000
2000
3000
4000

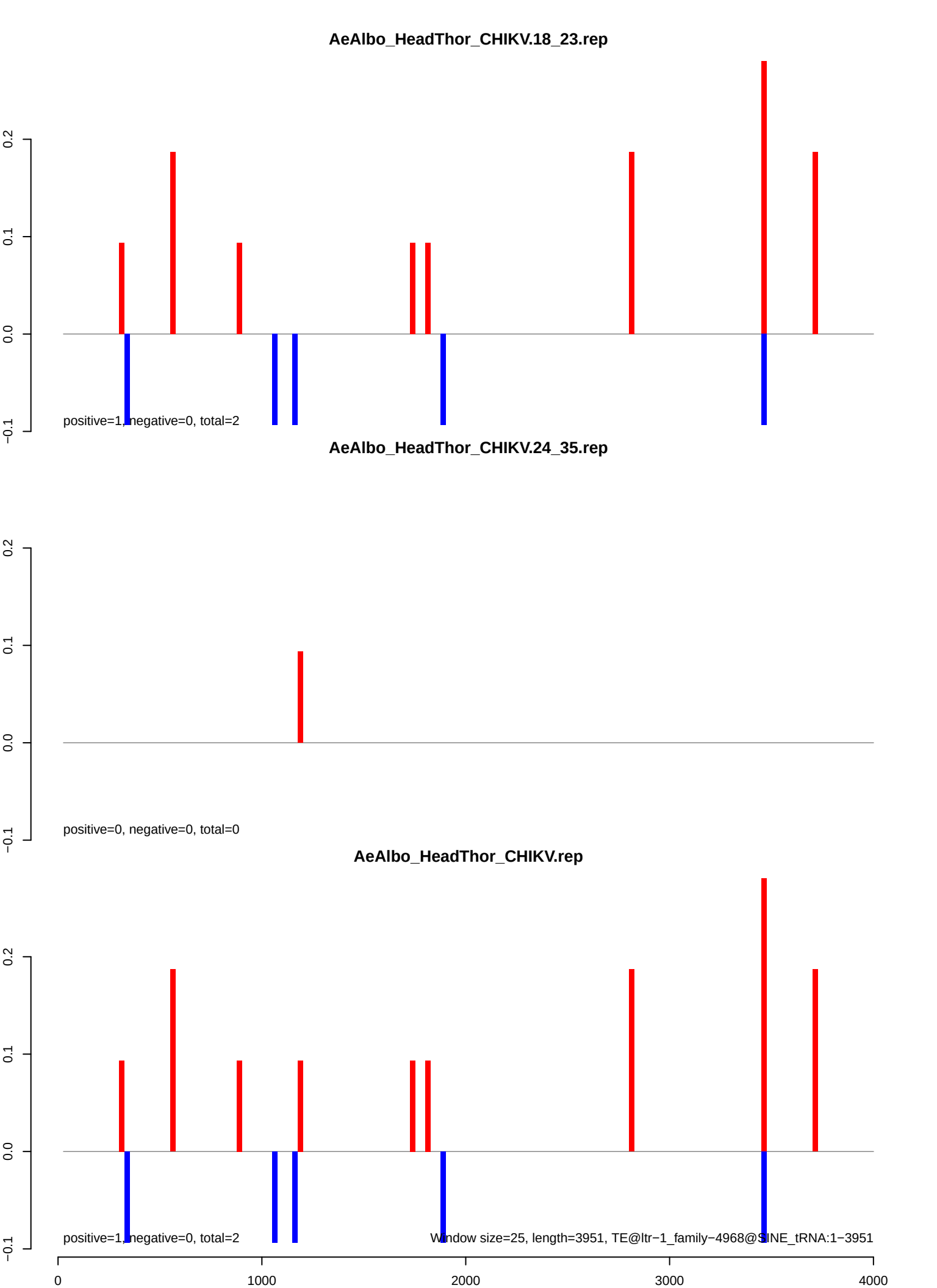

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
Window size=25, length=4920, TE@ltr−1_family−5325@Unknown:1−4920
0
1000
2000
3000
4000
5000

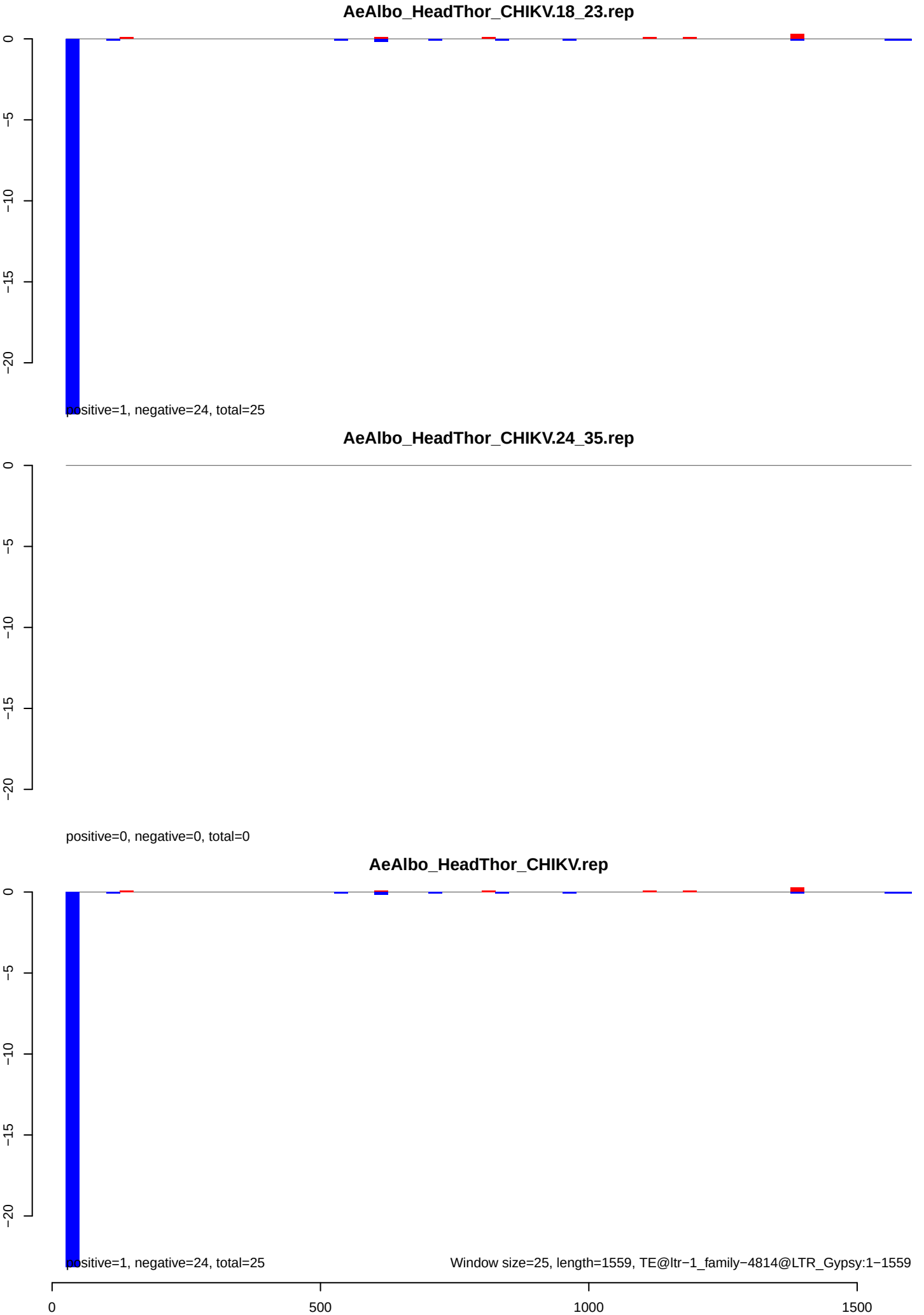

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
Window size=25, length=3152, TE@ltr−1_family−5277@LTR_Gypsy:1−3152
0
500
1000
1500
2000
2500
3000

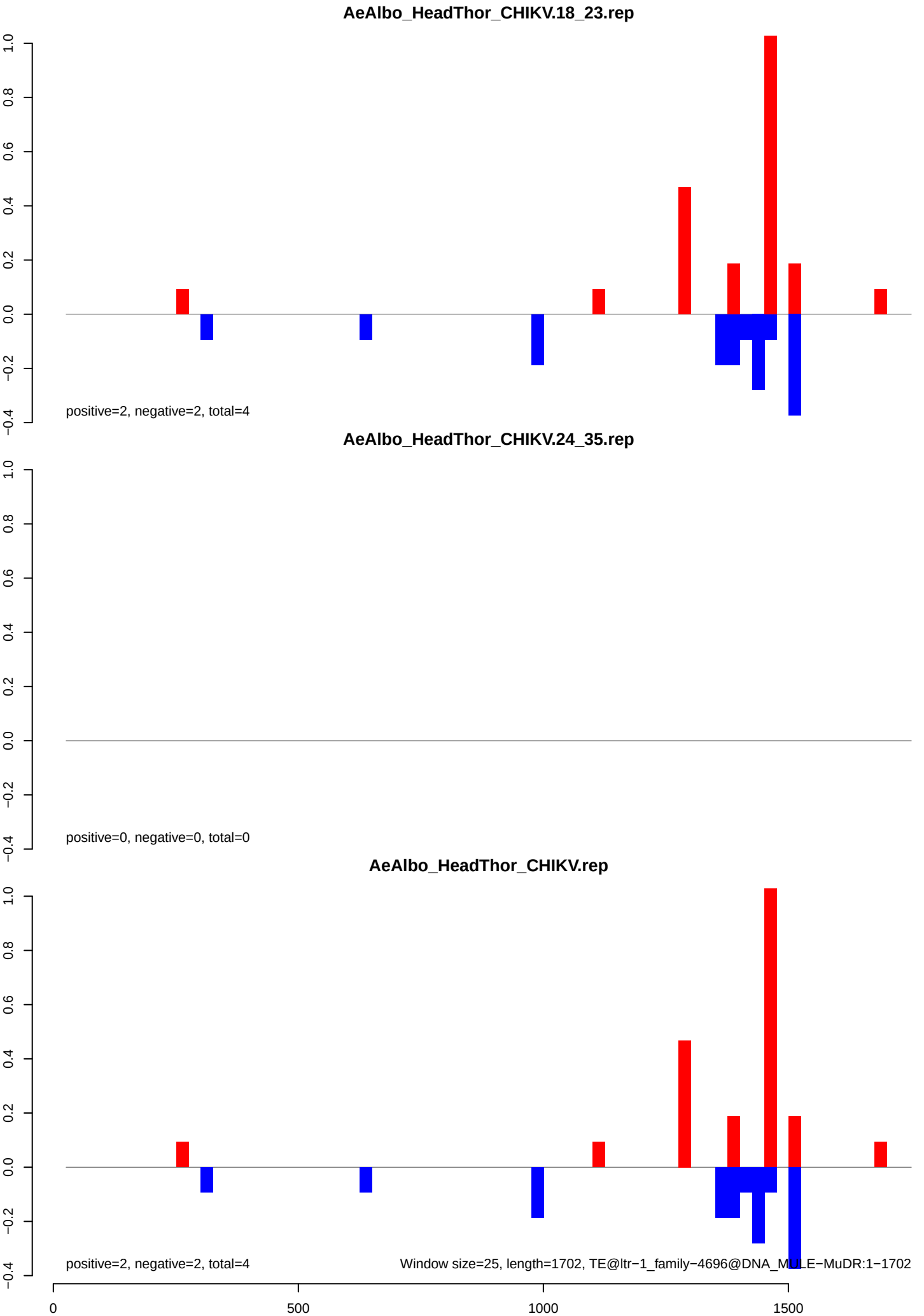

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2

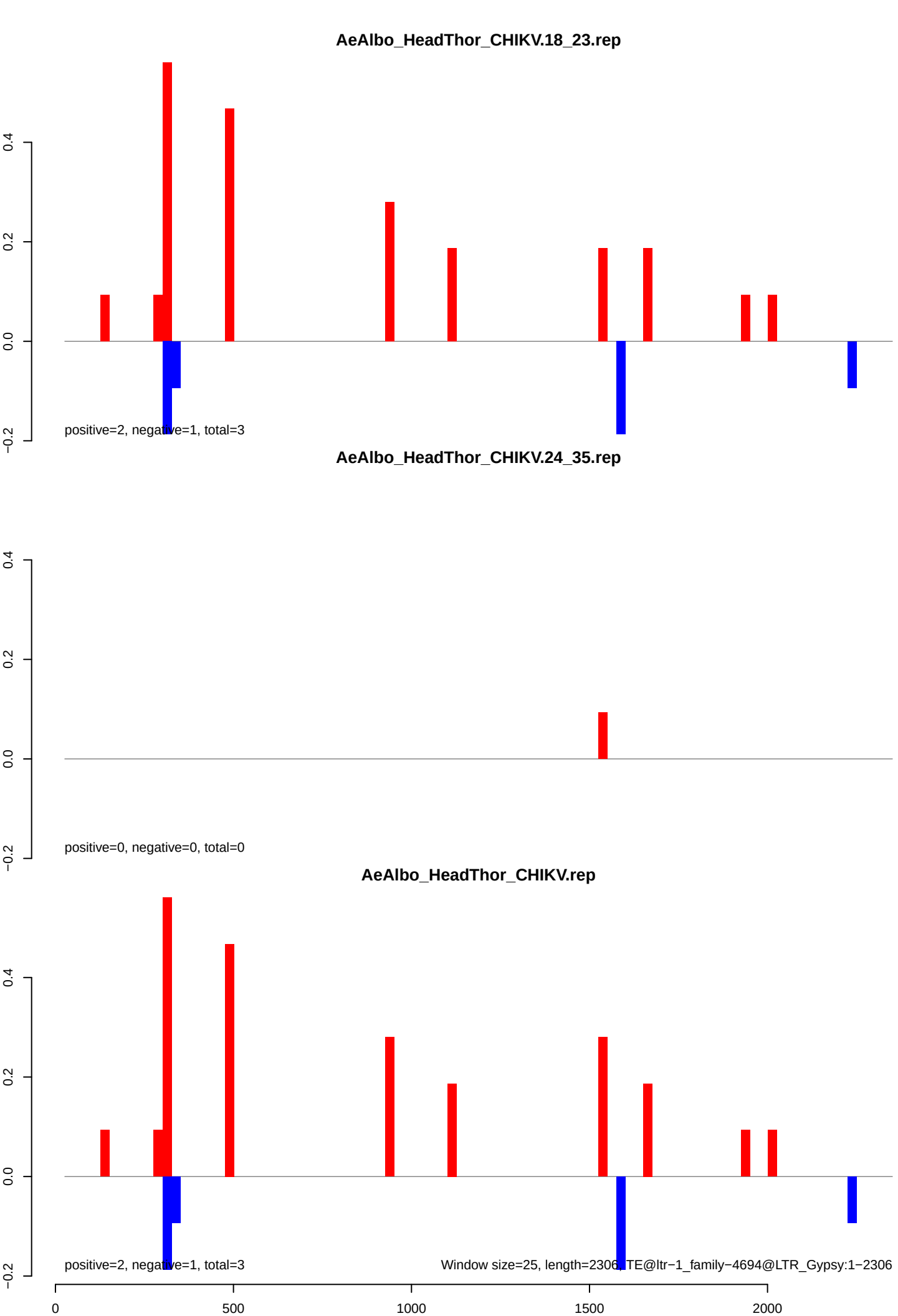

AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1

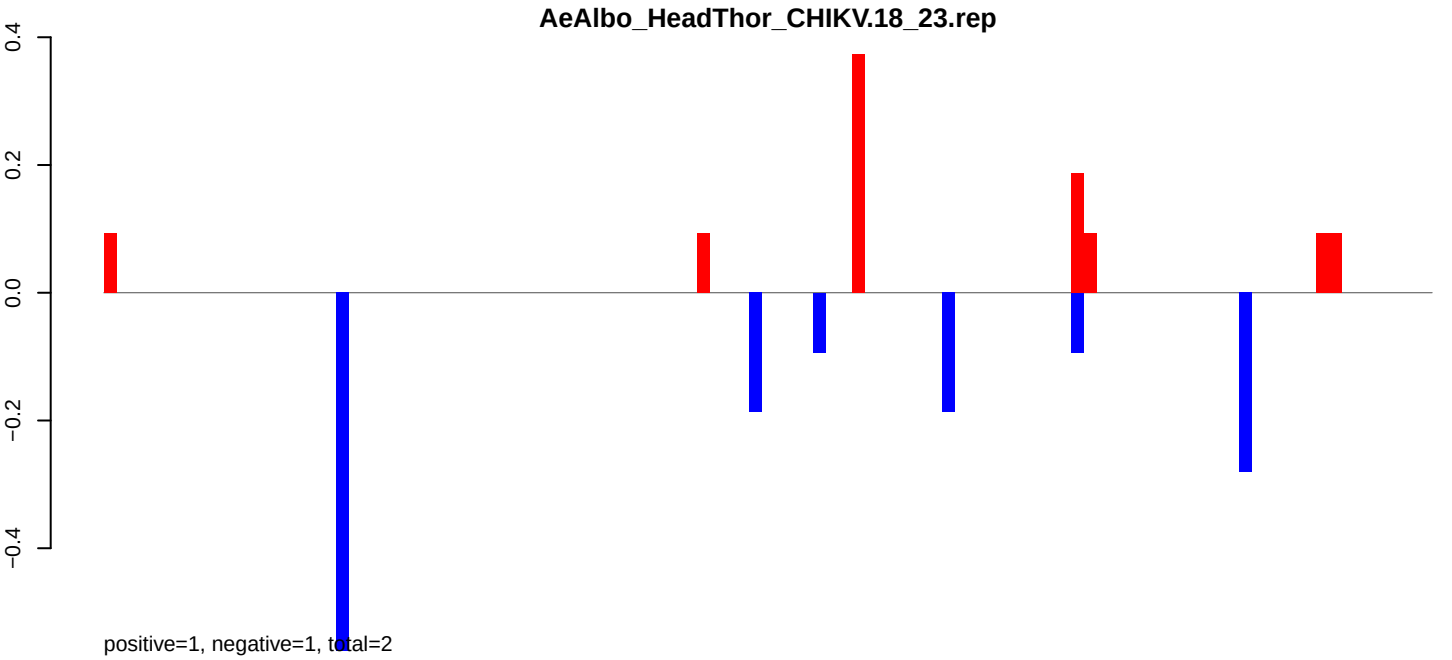

AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=2226, TE@ltr−1_family−5196@SINE_tRNA−V:1−2226
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=2
Window size=25, length=3951, TE@ltr−1_family−4968@SINE_tRNA:1−3951
0
1000
2000
3000
4000

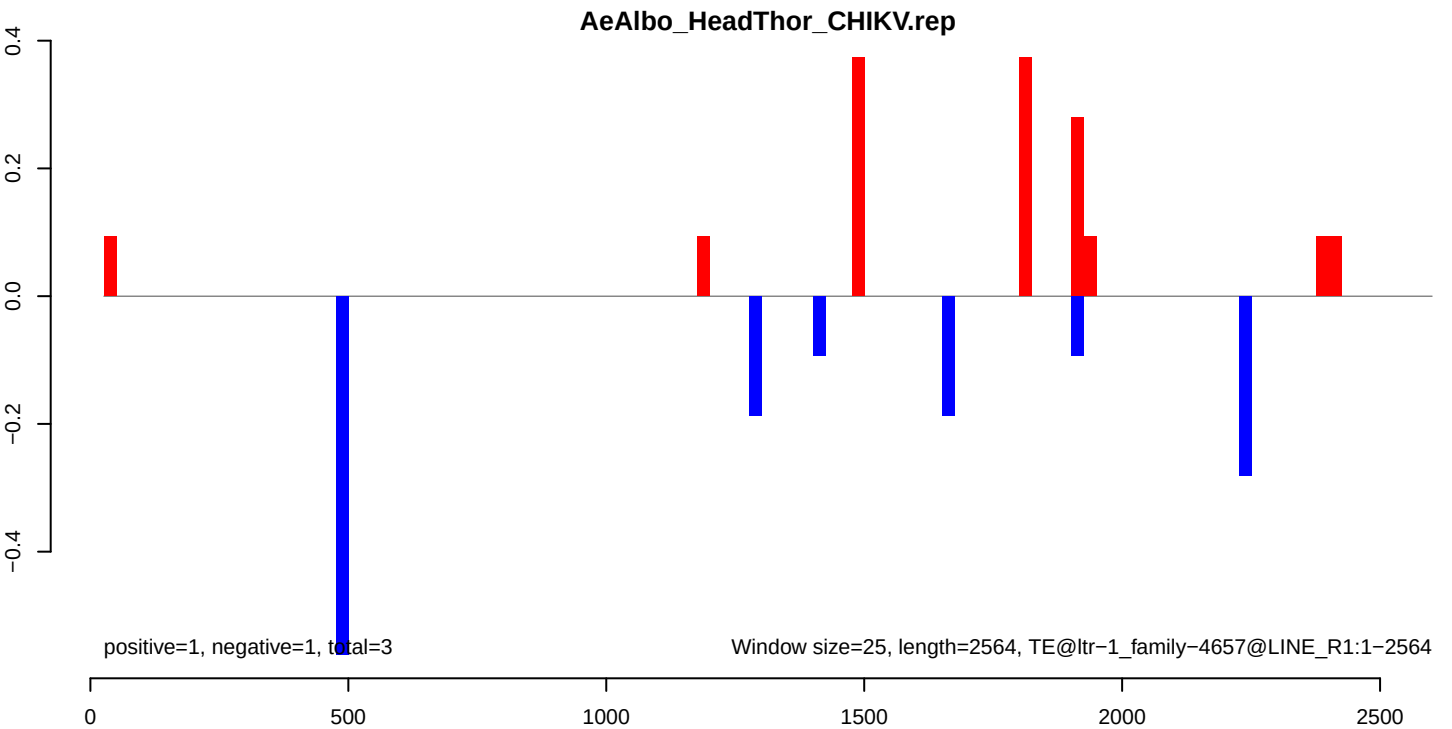

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=24, total=25
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=24, total=25
Window size=25, length=1559, TE@ltr−1_family−4814@LTR_Gypsy:1−1559
0
500
1000
1500

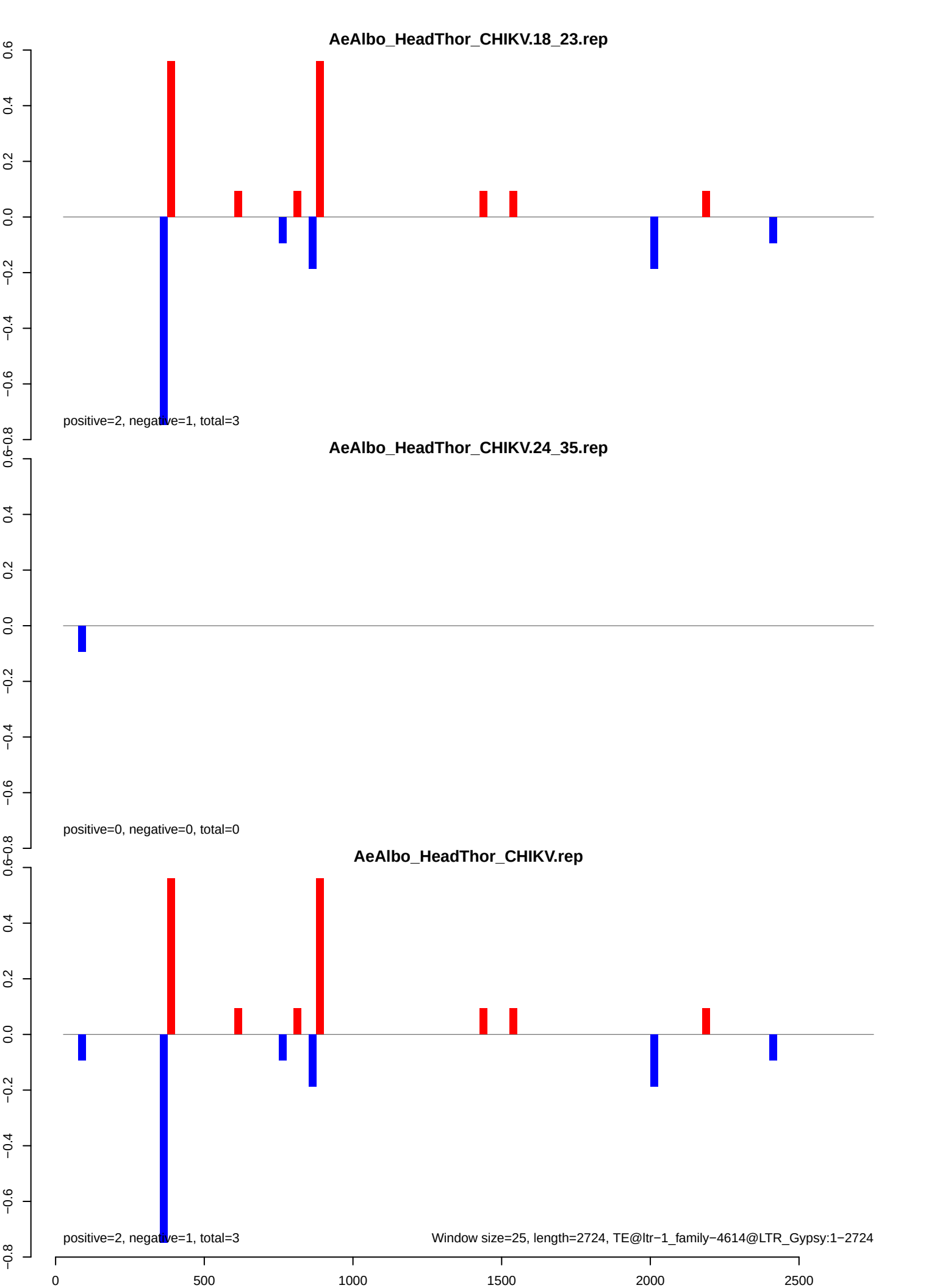

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=1702, TE@ltr−1_family−4696@DNA_MULE−MuDR:1−1702
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
0
500
1000
1500

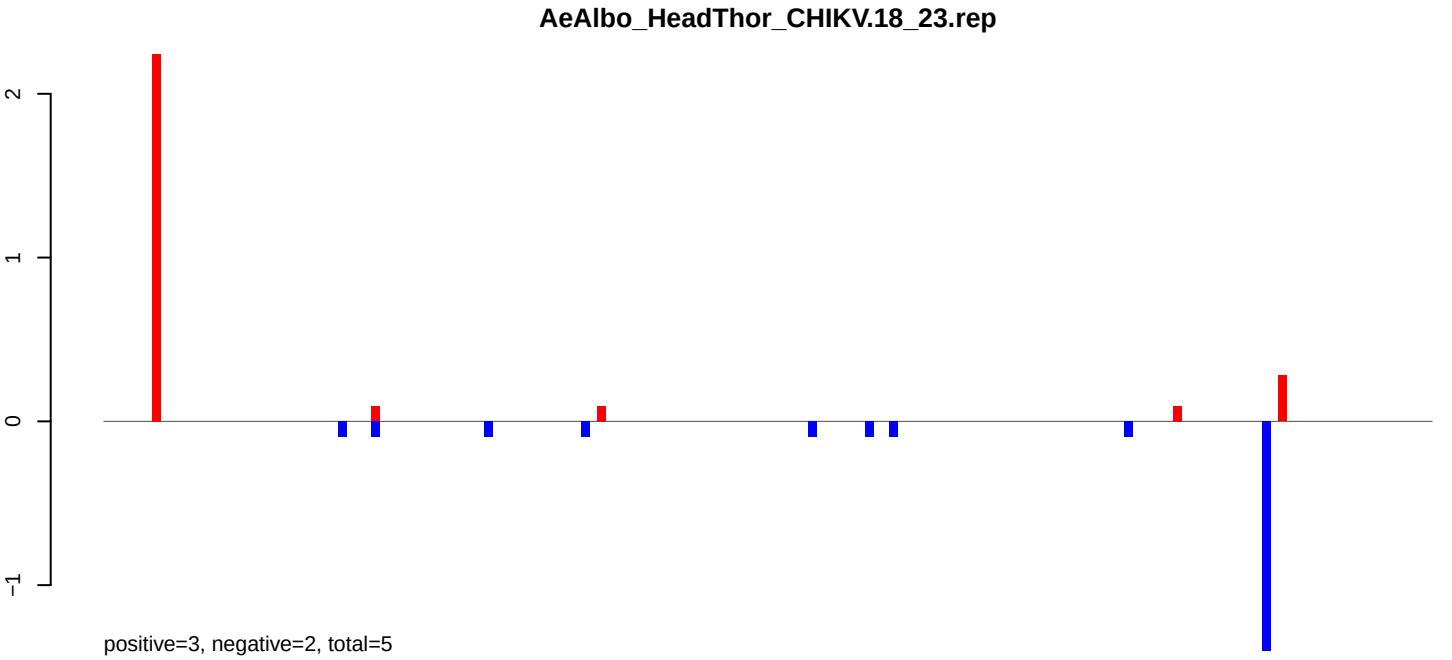

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=2306, TE@ltr−1_family−4694@LTR_Gypsy:1−2306
0
500
1000
1500
2000

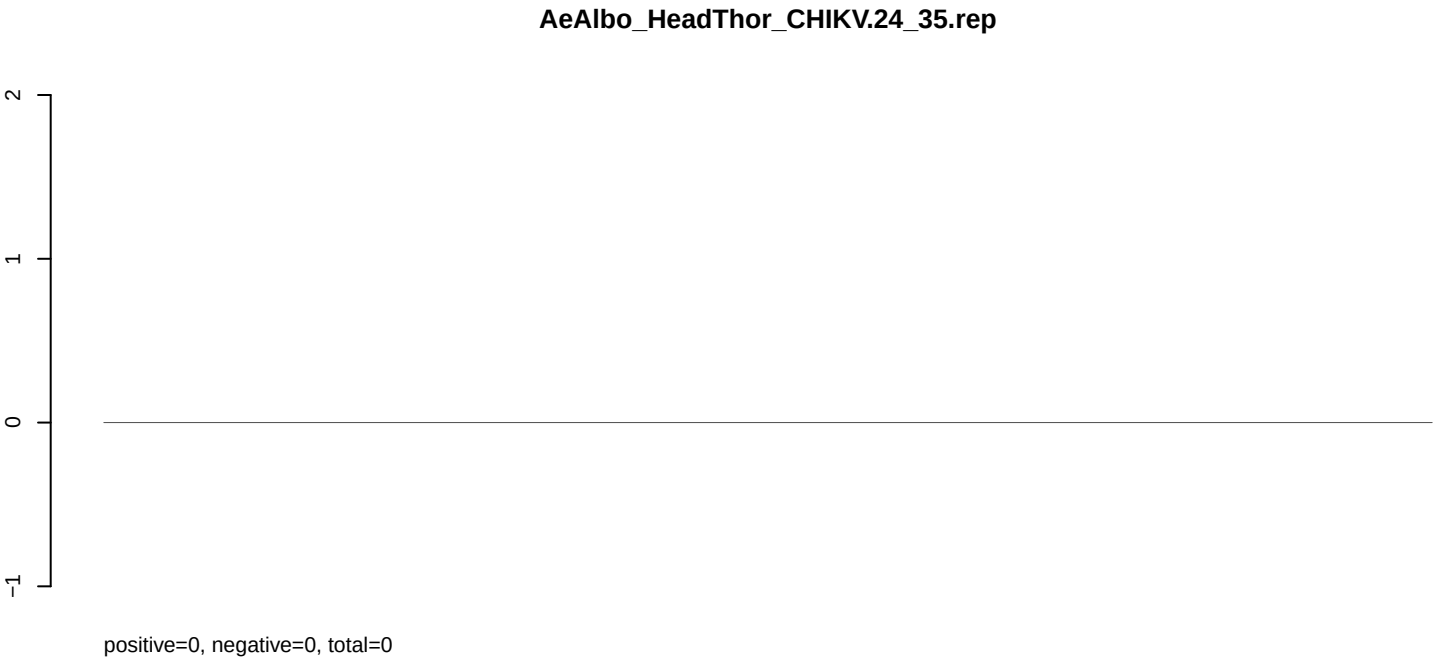

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2

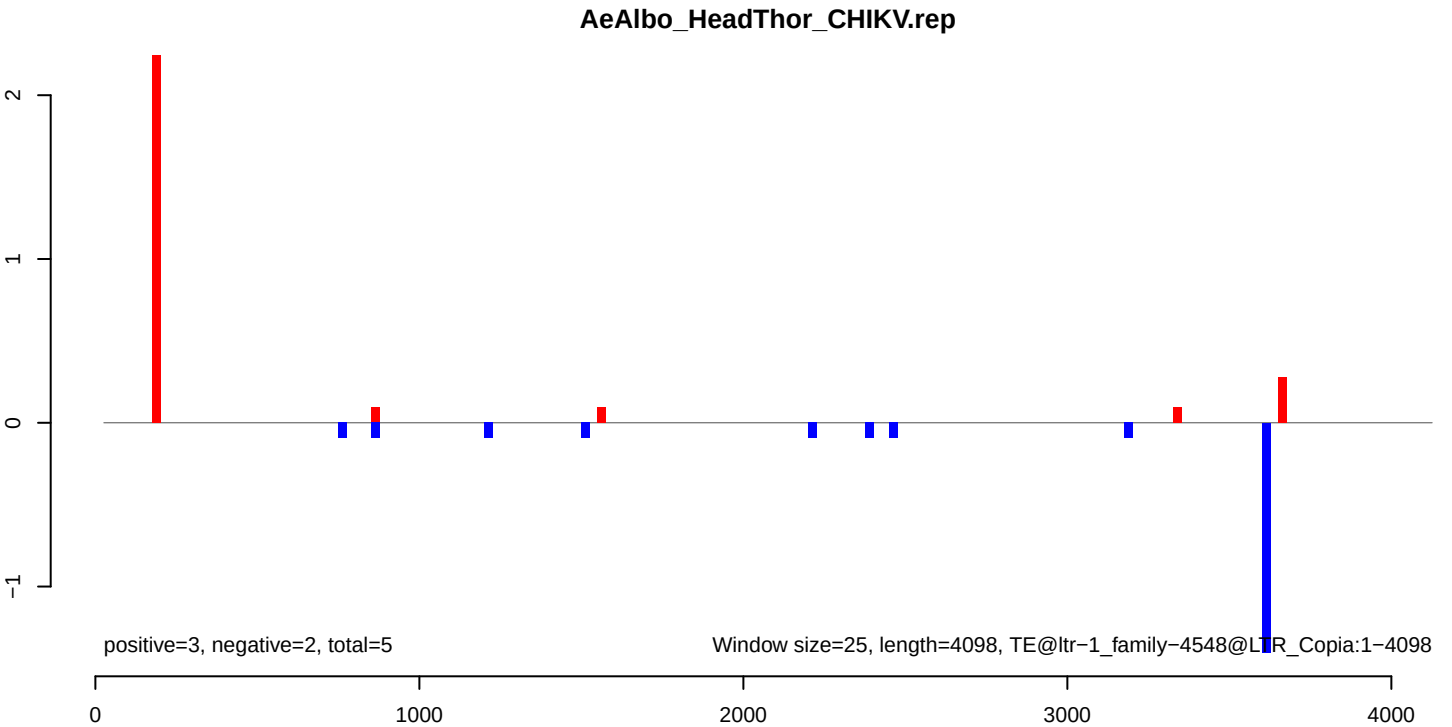
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

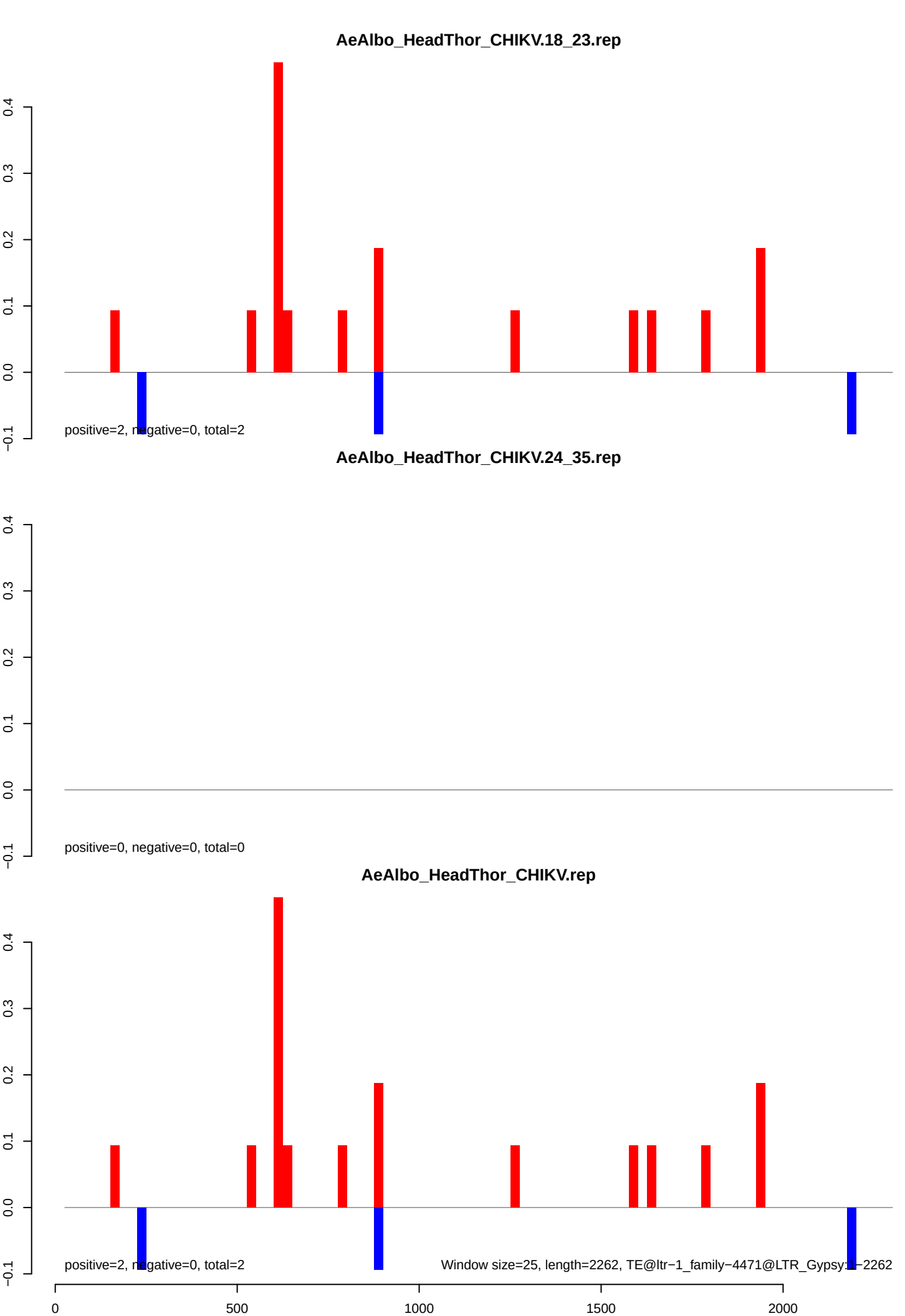

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=3
Window size=25, length=2564, TE@ltr−1_family−4657@LINE_R1:1−2564
0
500
1000
1500
2000
2500

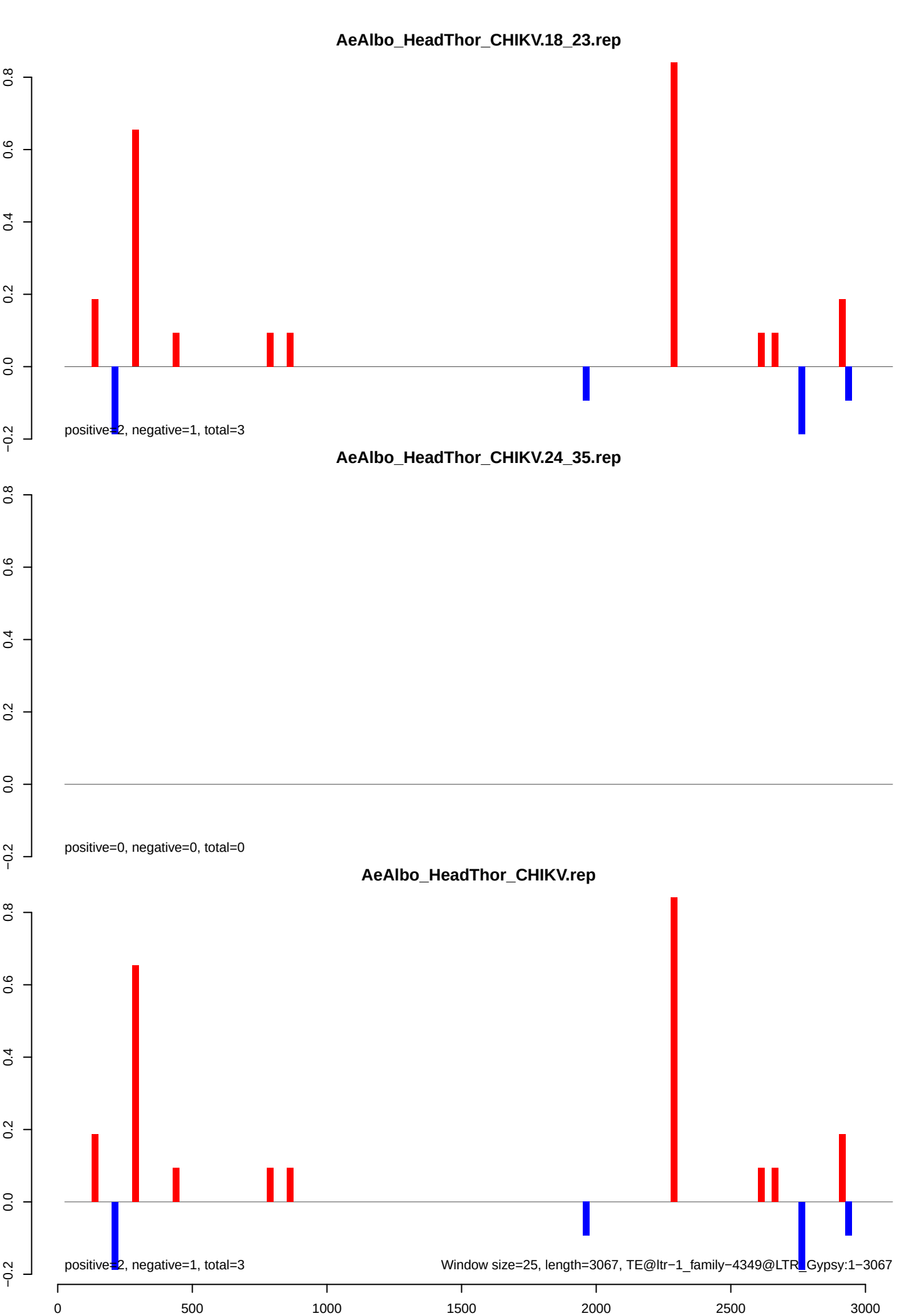

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=2724, TE@ltr−1_family−4614@LTR_Gypsy:1−2724
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
500
1000
1500
2000
2500

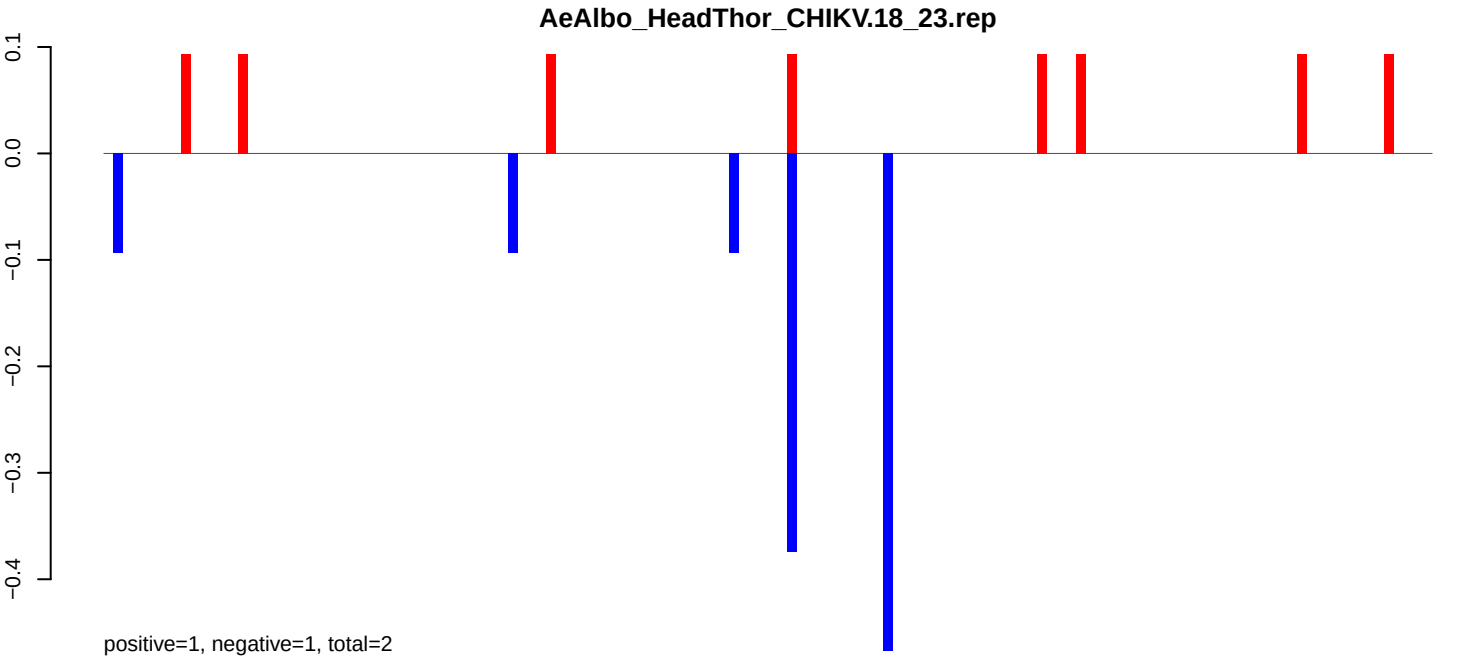

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=3, negative=2, total=5

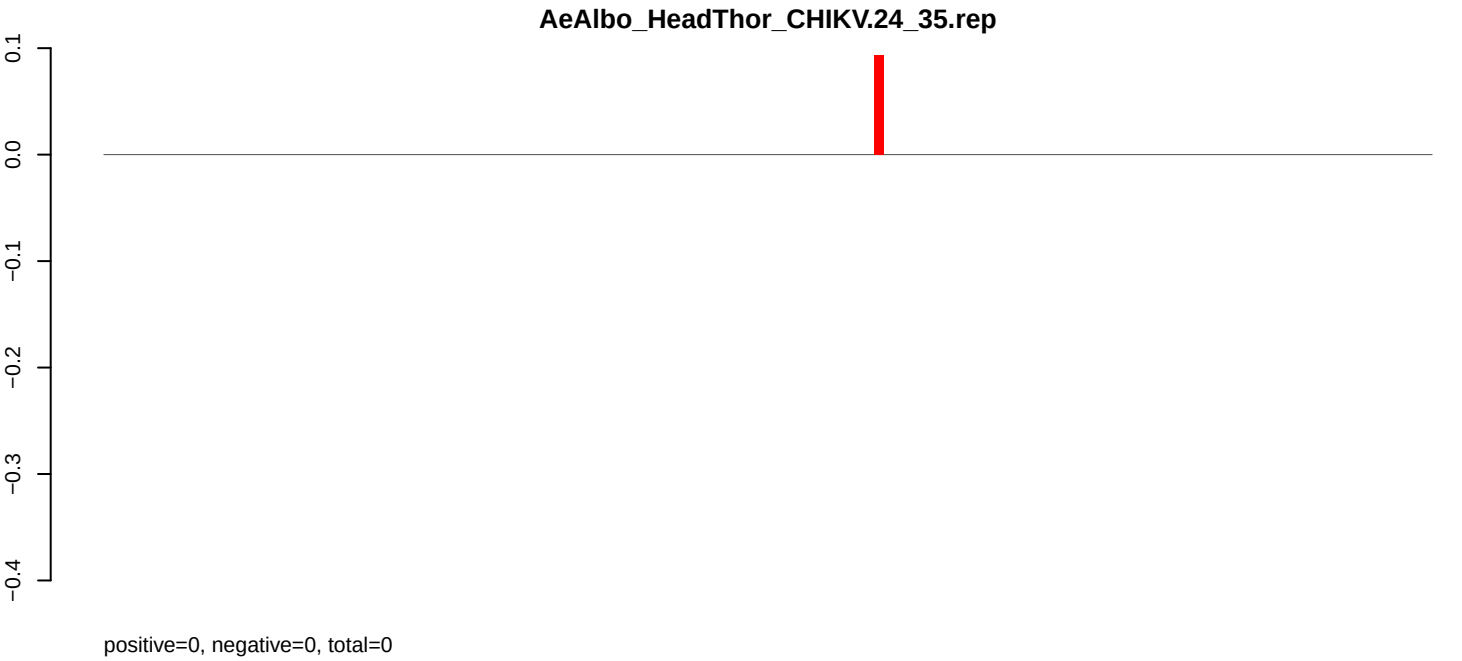

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=0, negative=0, total=0

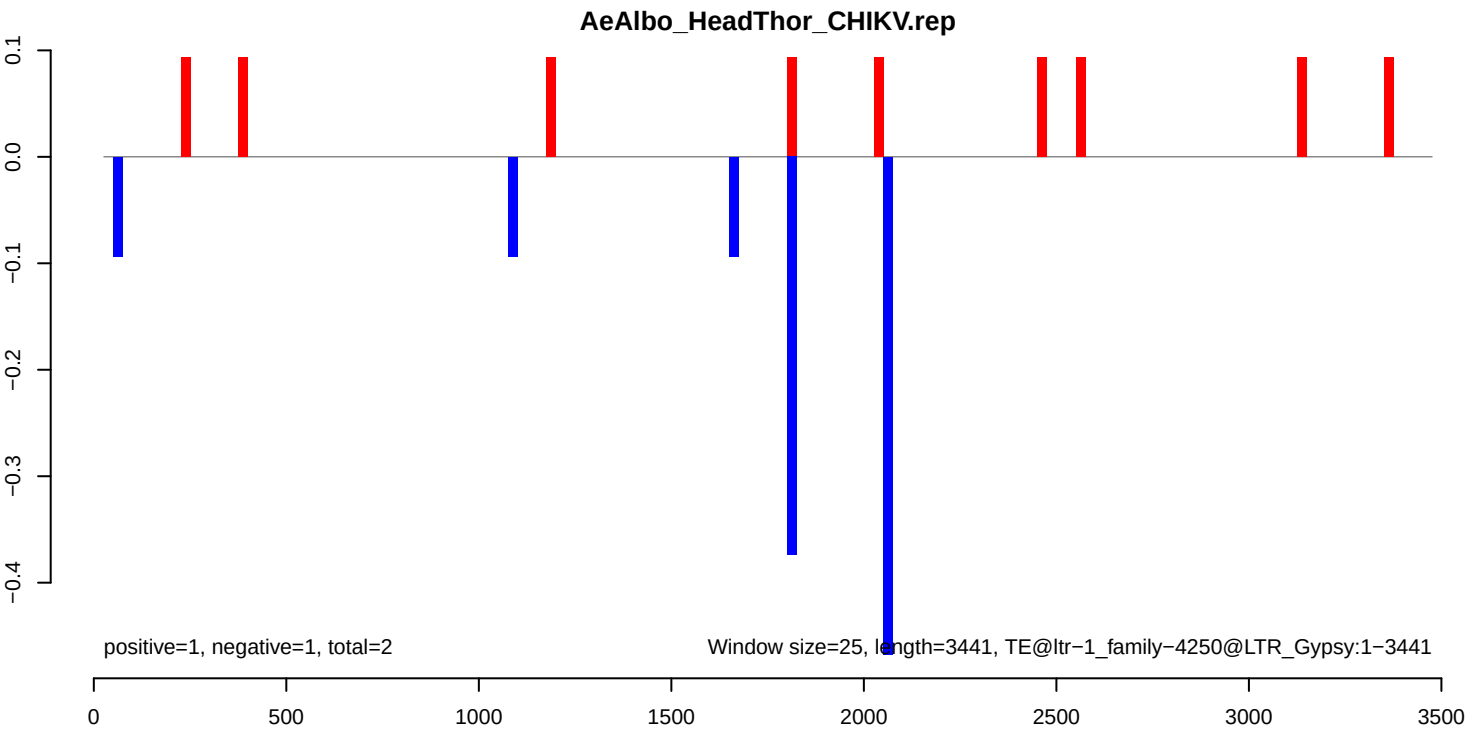

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=3, negative=2, total=5
Window size=25, length=4098, TE@ltr−1_family−4548@LTR_Copia:1−4098
0
1000
2000
3000
4000

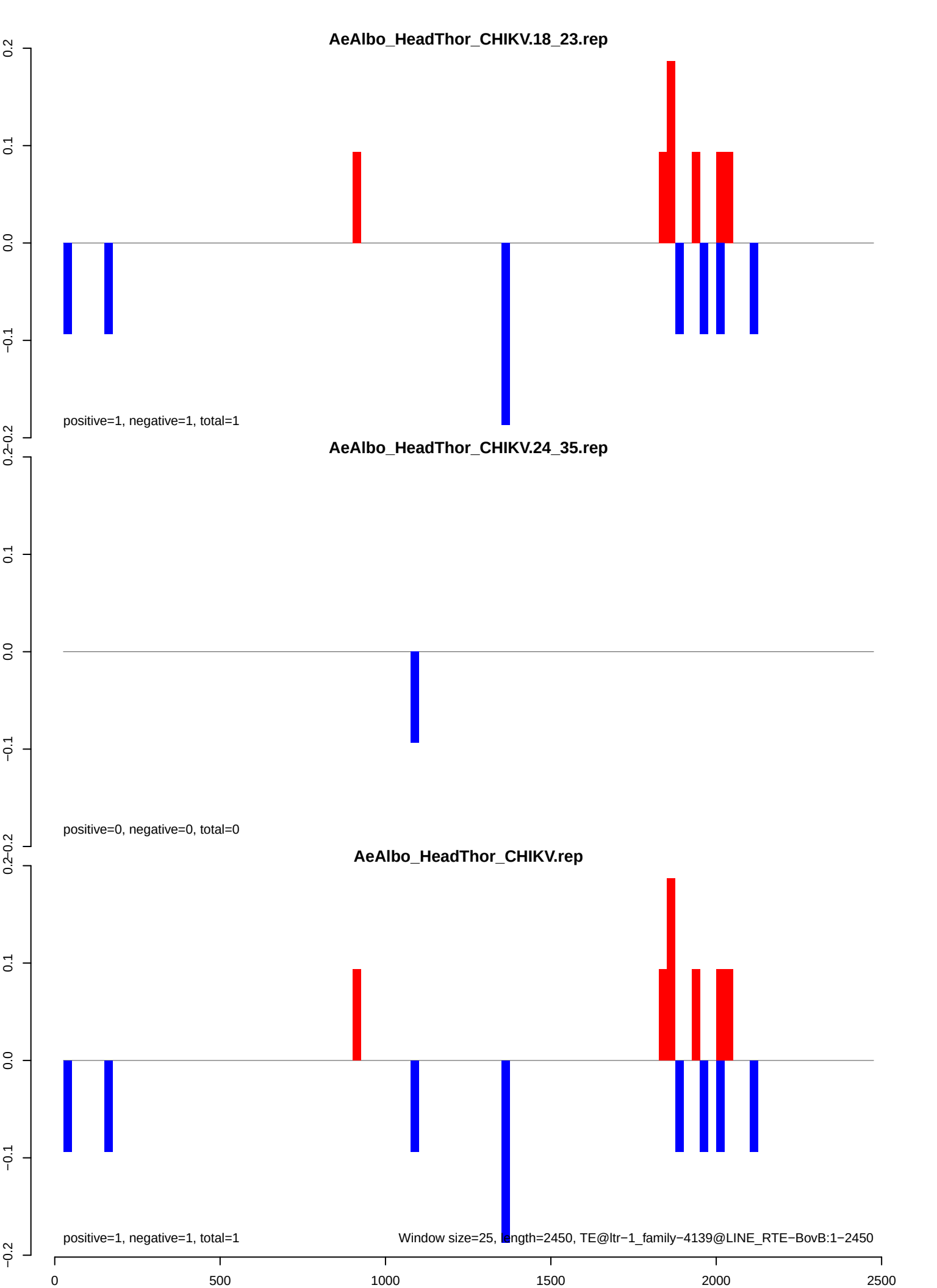

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=0, total=2
Window size=25, length=2262, TE@ltr−1_family−4471@LTR_Gypsy:1−2262
0.4
0.3
0.2
0.1
0.0
−0.1
0
500
1000
1500
2000

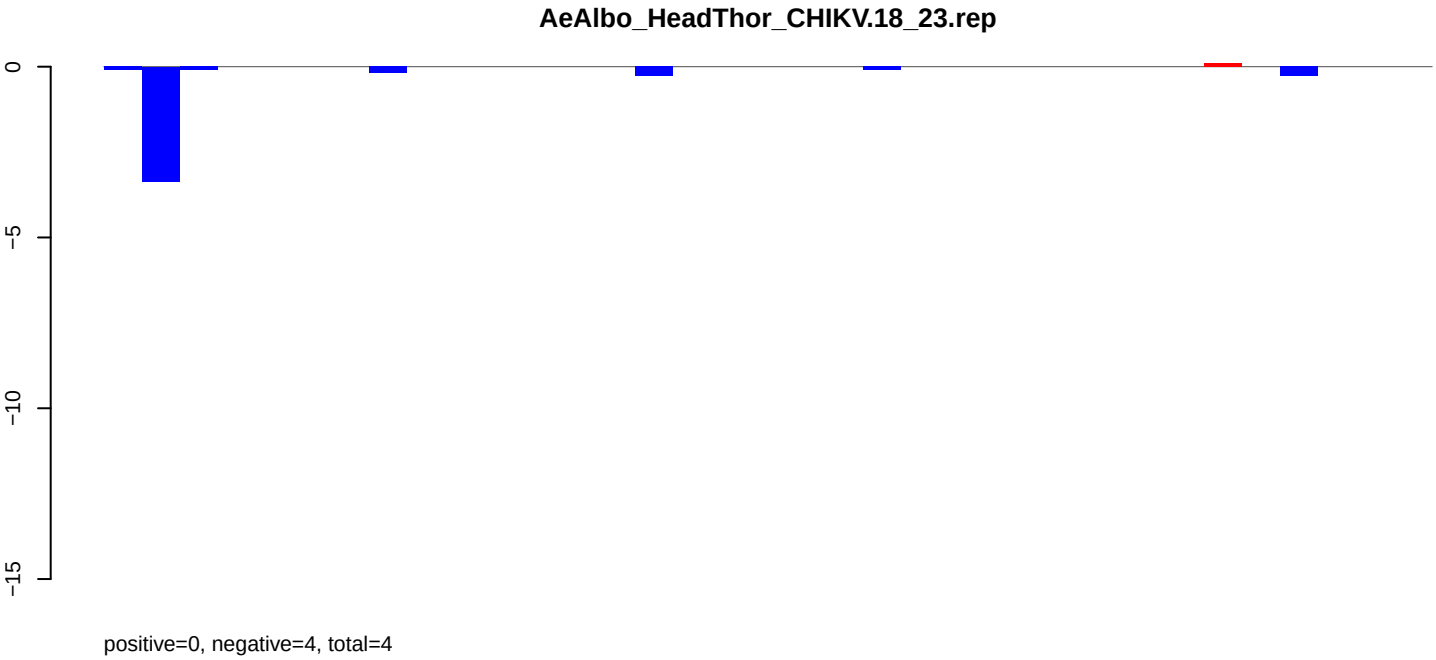

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=3067, TE@ltr−1_family−4349@LTR_Gypsy:1−3067
0
500
1000
1500
2000
2500
3000

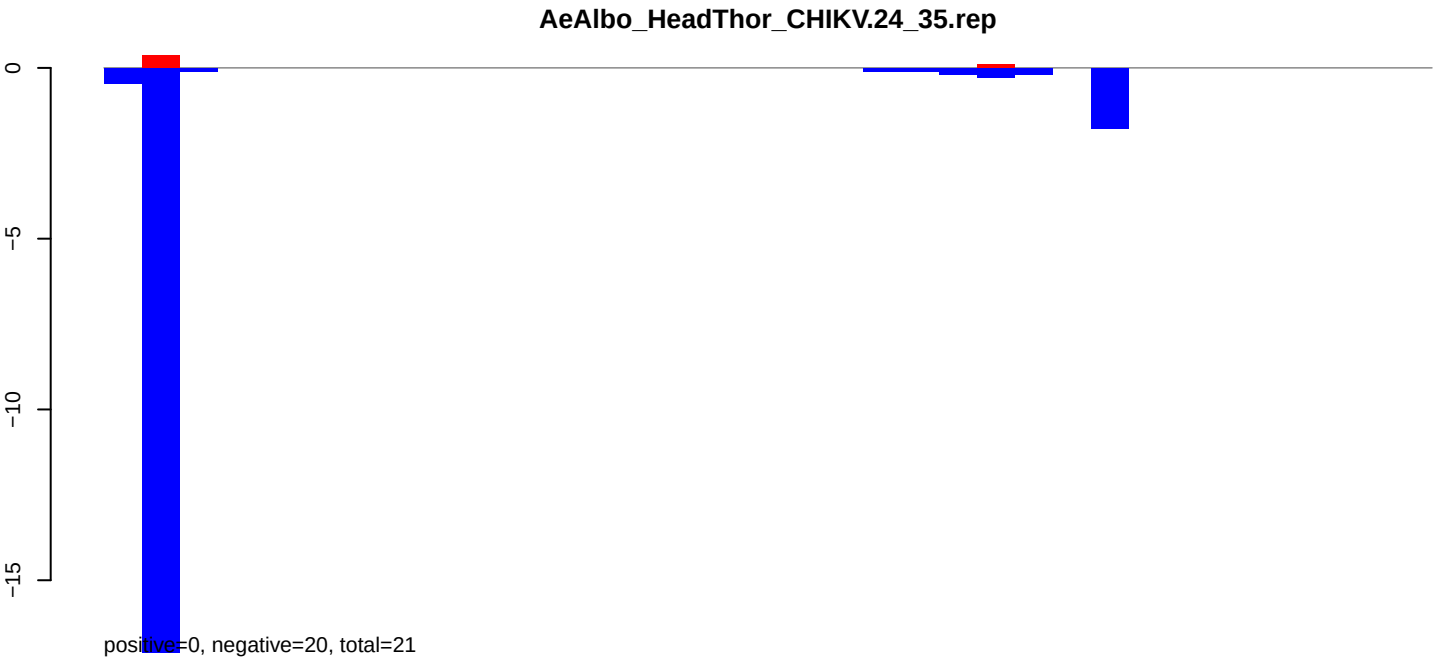

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=2

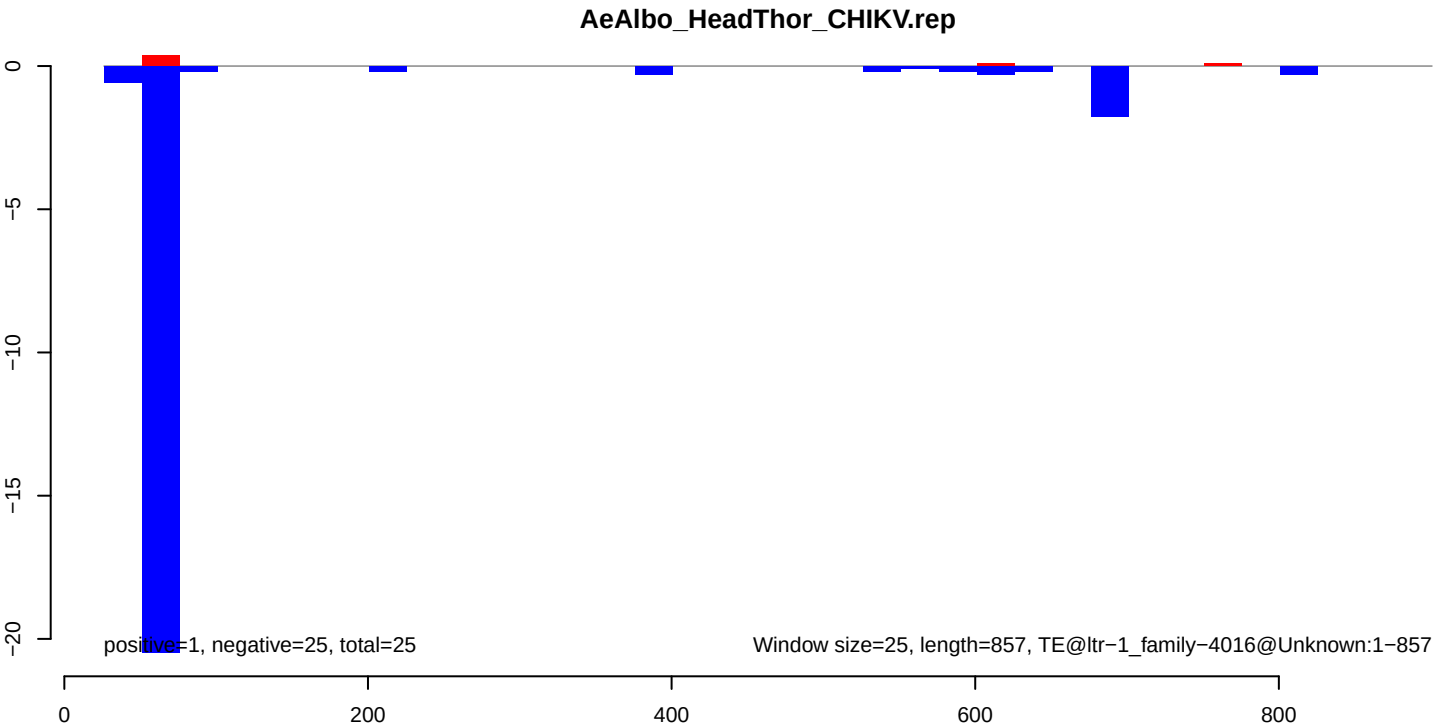

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=2
Window size=25, length=3441, TE@ltr−1_family−4250@LTR_Gypsy:1−3441
0
500
1000
1500
2000
2500
3000
3500


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=1
Window size=25, length=2450, TE@ltr−1_family−4139@LINE_RTE−BovB:1−2450
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500

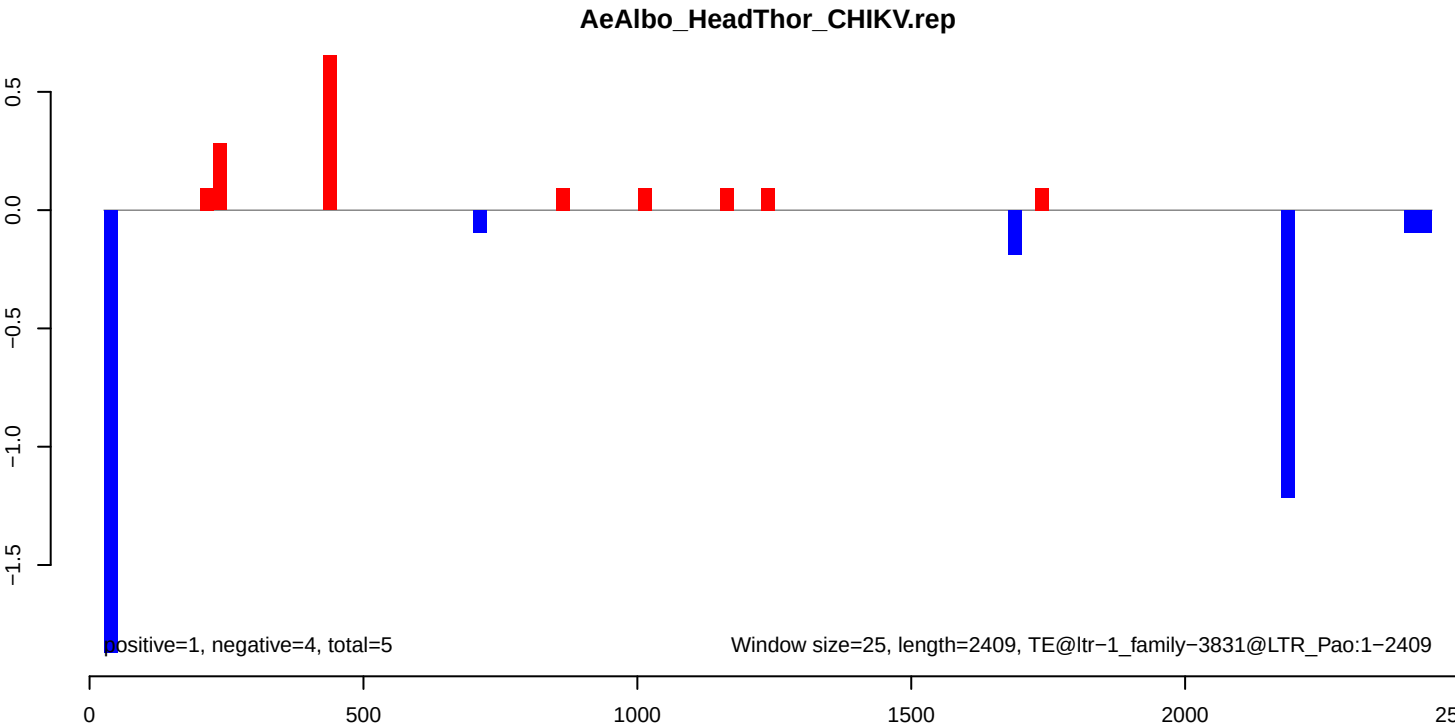

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=0, negative=4, total=4

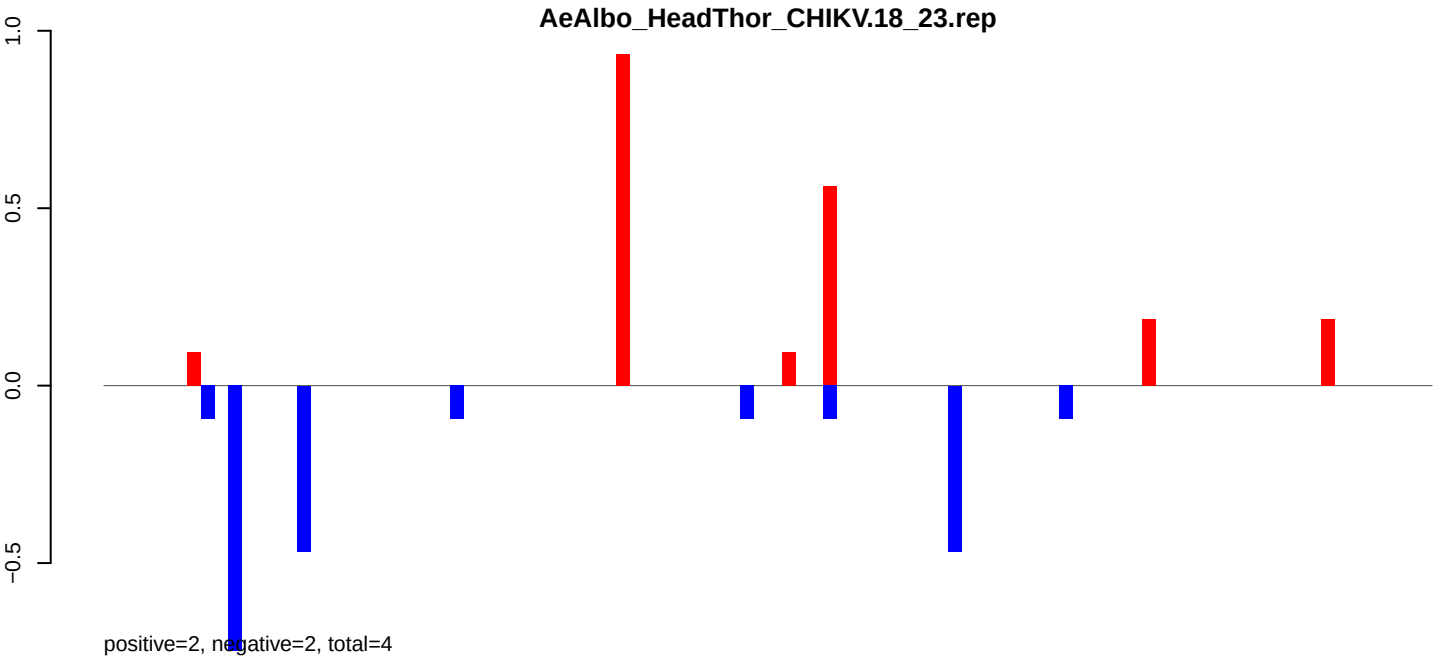

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=20, total=21


AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=25, total=25
Window size=25, length=857, TE@ltr−1_family−4016@Unknown:1−857
0
200
400
600
800

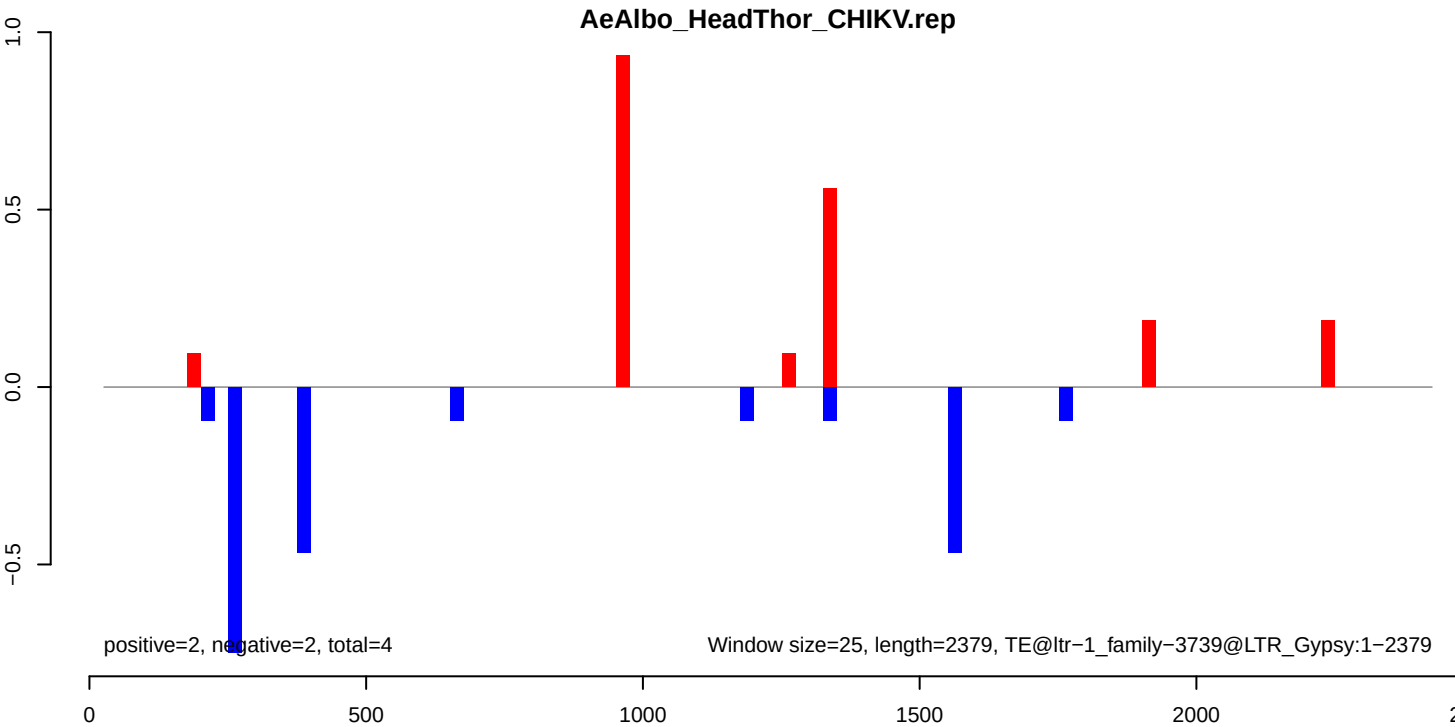
AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=5

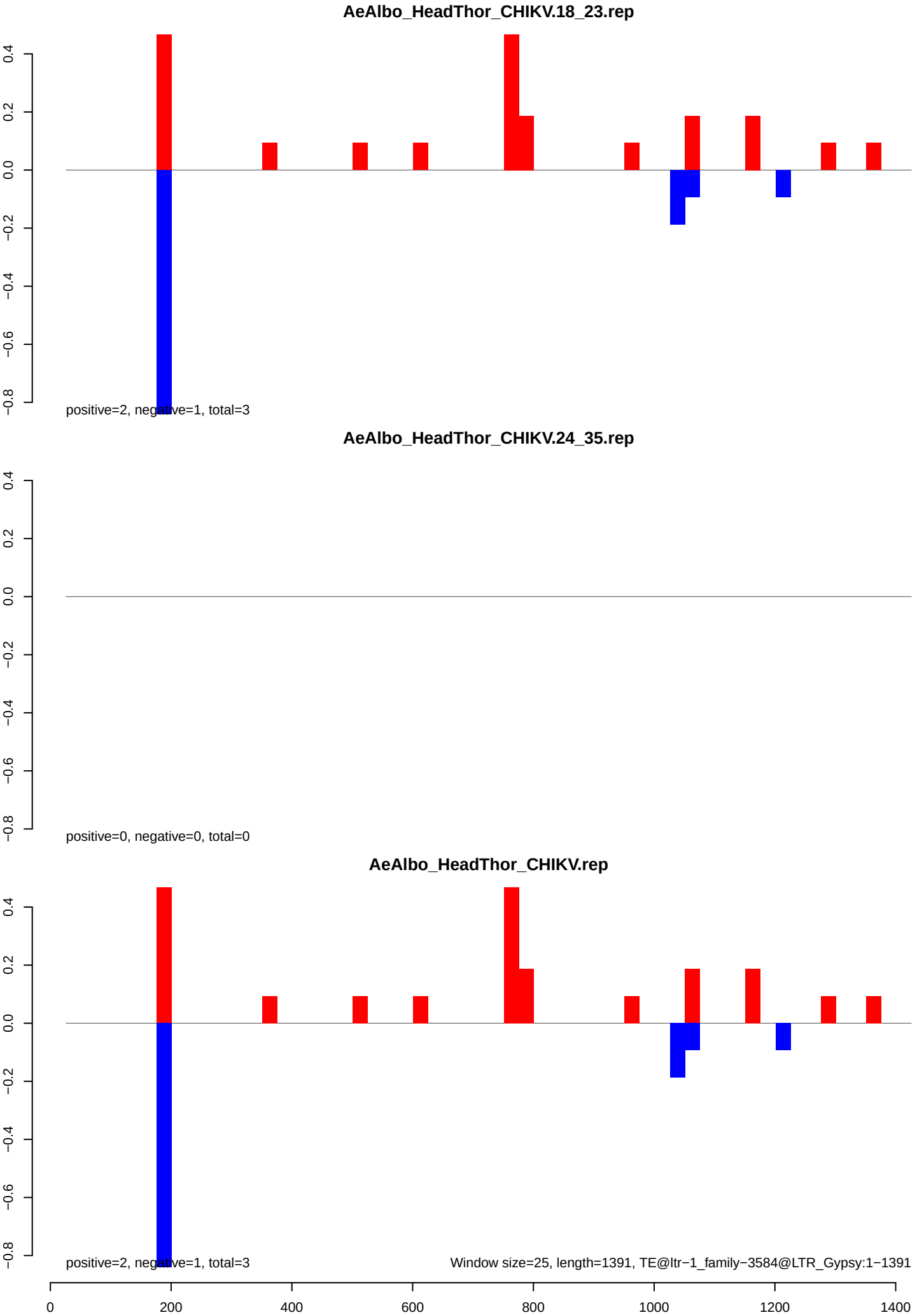
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

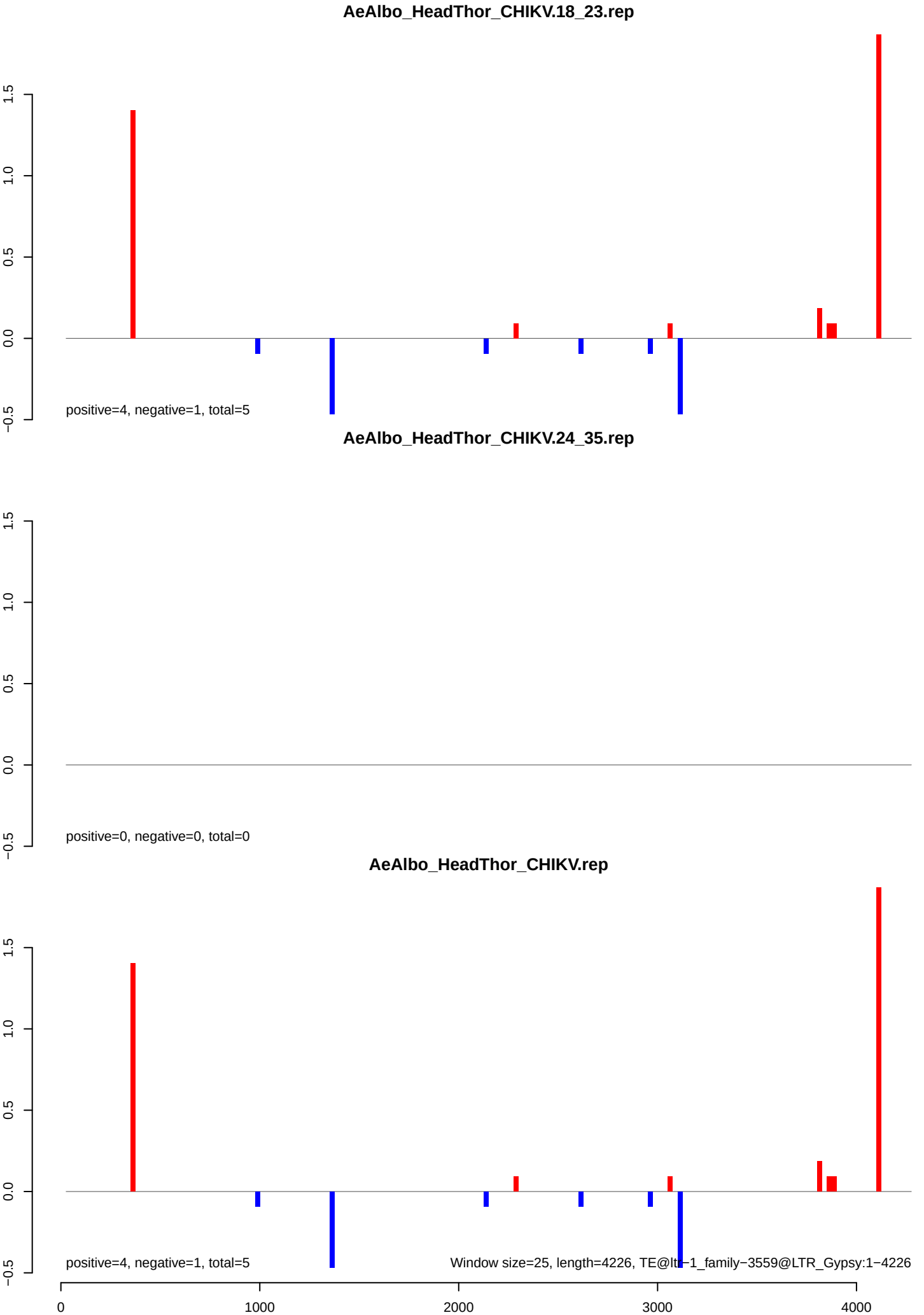

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=4, total=5
Window size=25, length=2409, TE@ltr−1_family−3831@LTR_Pao:1−2409
0
500
1000
1500
2000
2500

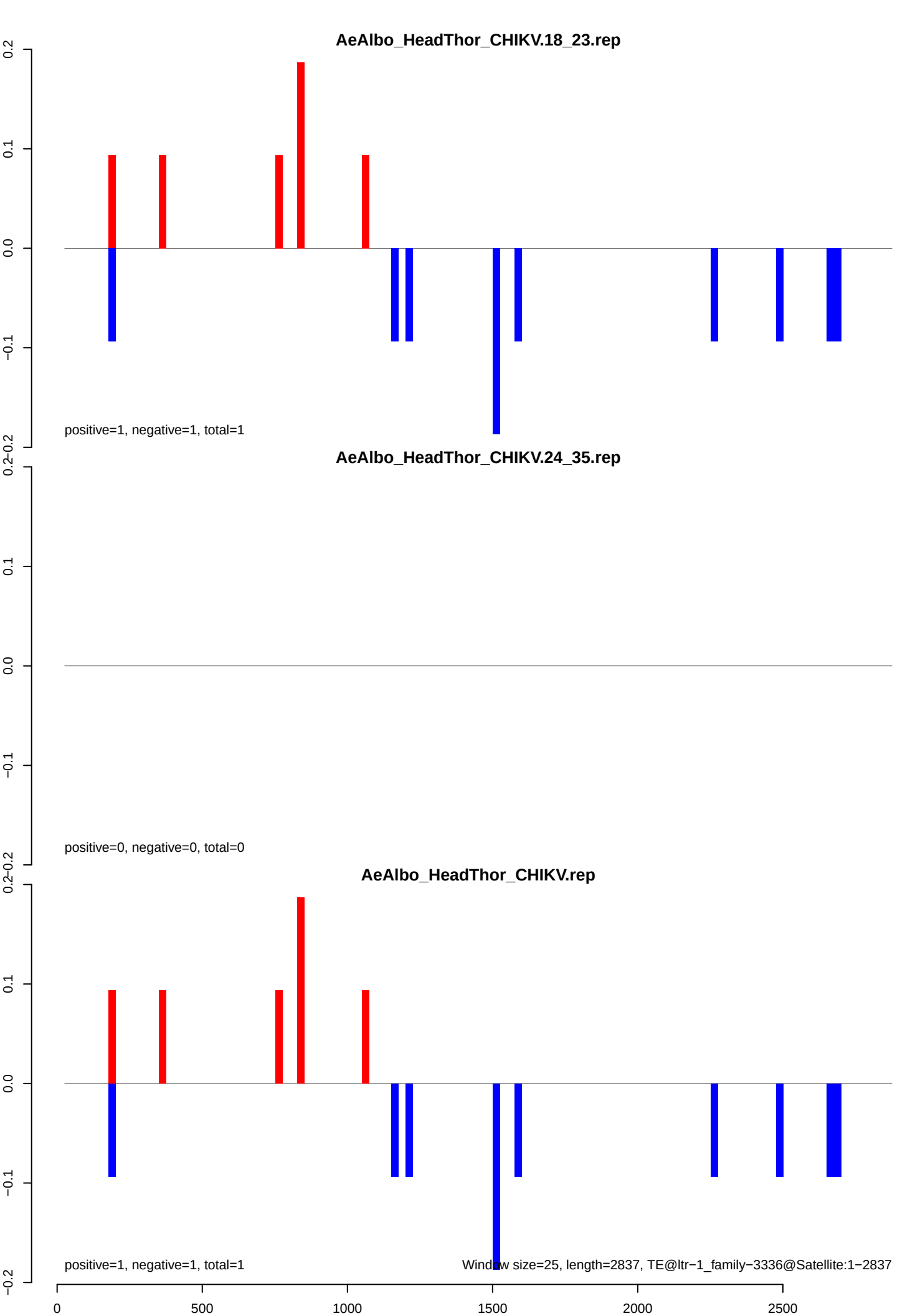

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=4

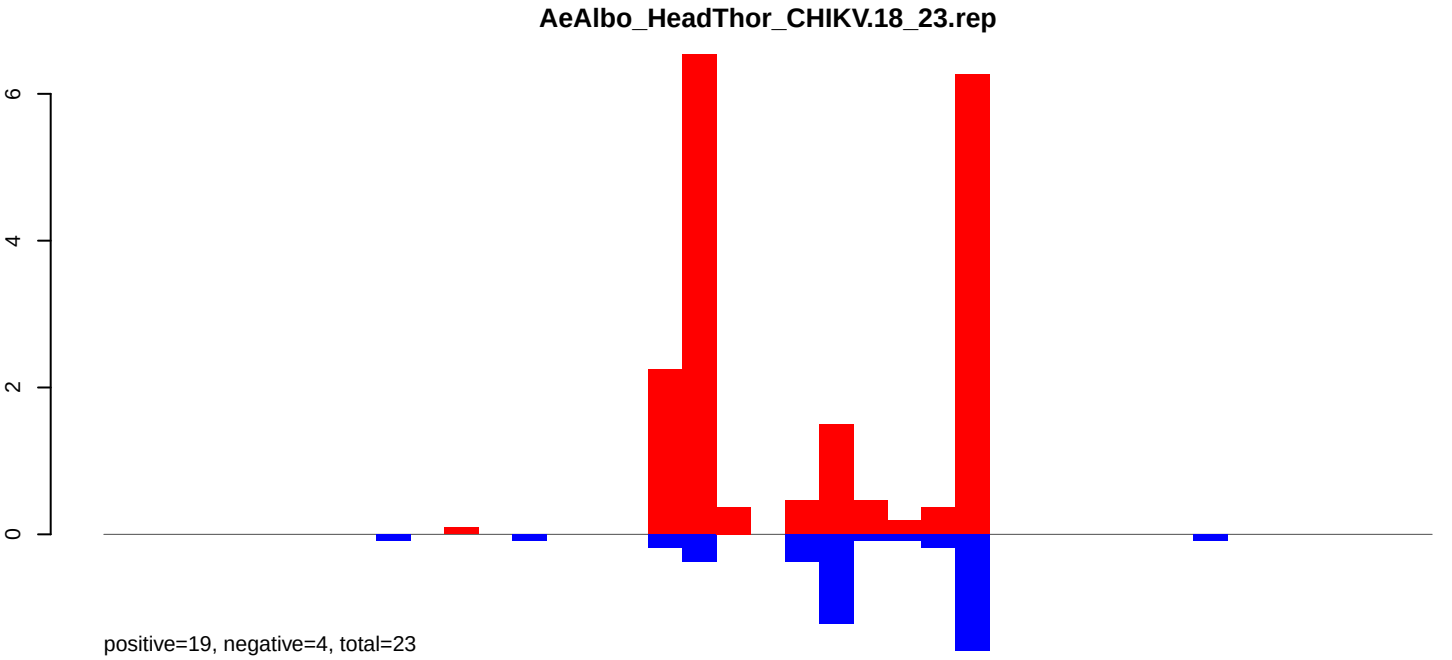
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

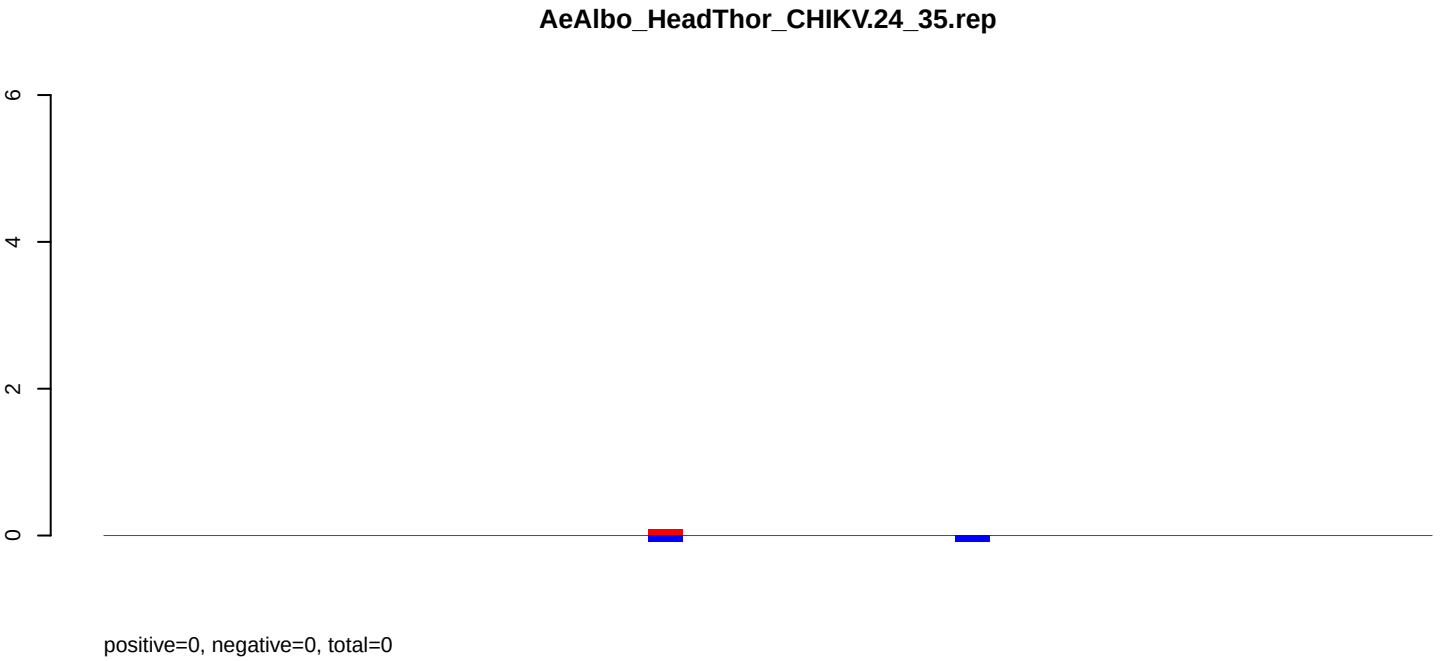

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=4
Window size=25, length=2379, TE@ltr−1_family−3739@LTR_Gypsy:1−2379
0
500
1000
1500
2000
2500

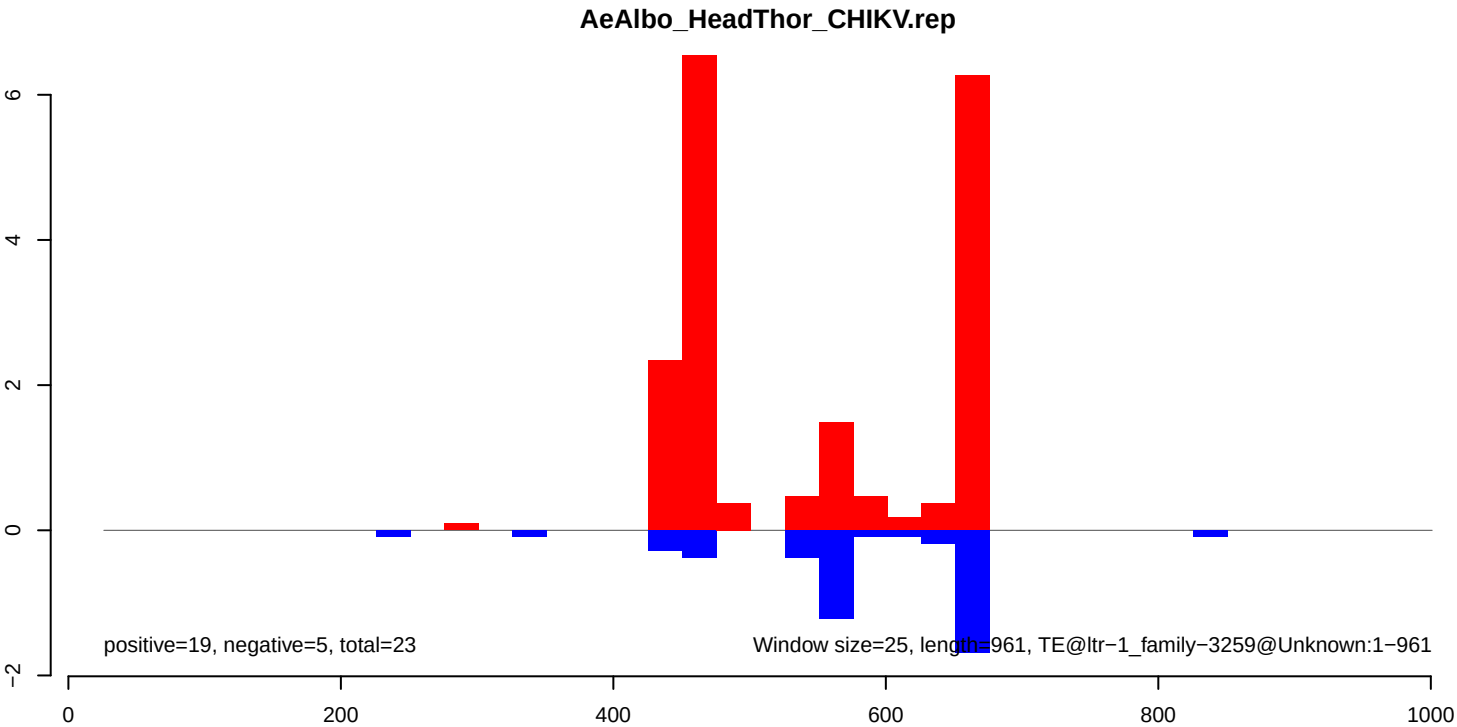

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=1, total=3
Window size=25, length=1391, TE@ltr−1_family−3584@LTR_Gypsy:1−1391
0
200
400
600
800
1000
1200
1400

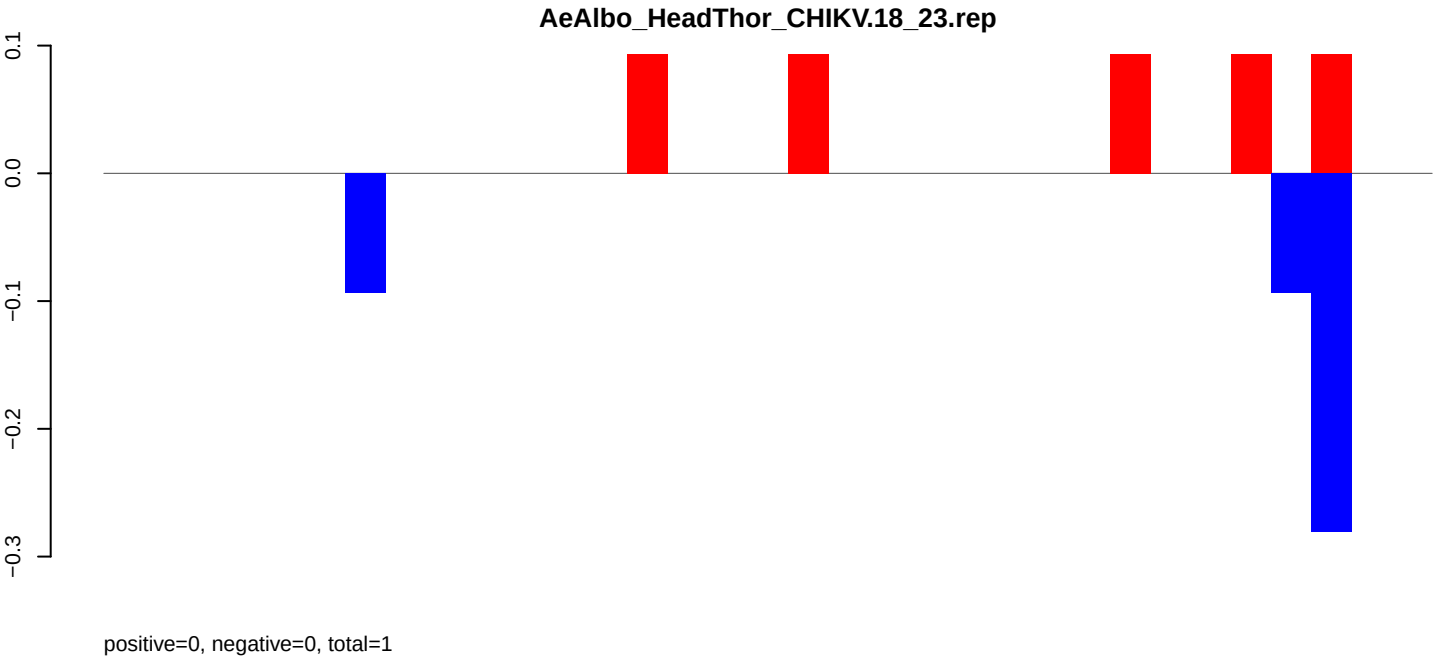

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=4, negative=1, total=5
Window size=25, length=4226, TE@ltr−1_family−3559@LTR_Gypsy:1−4226
0
1000
2000
3000
4000

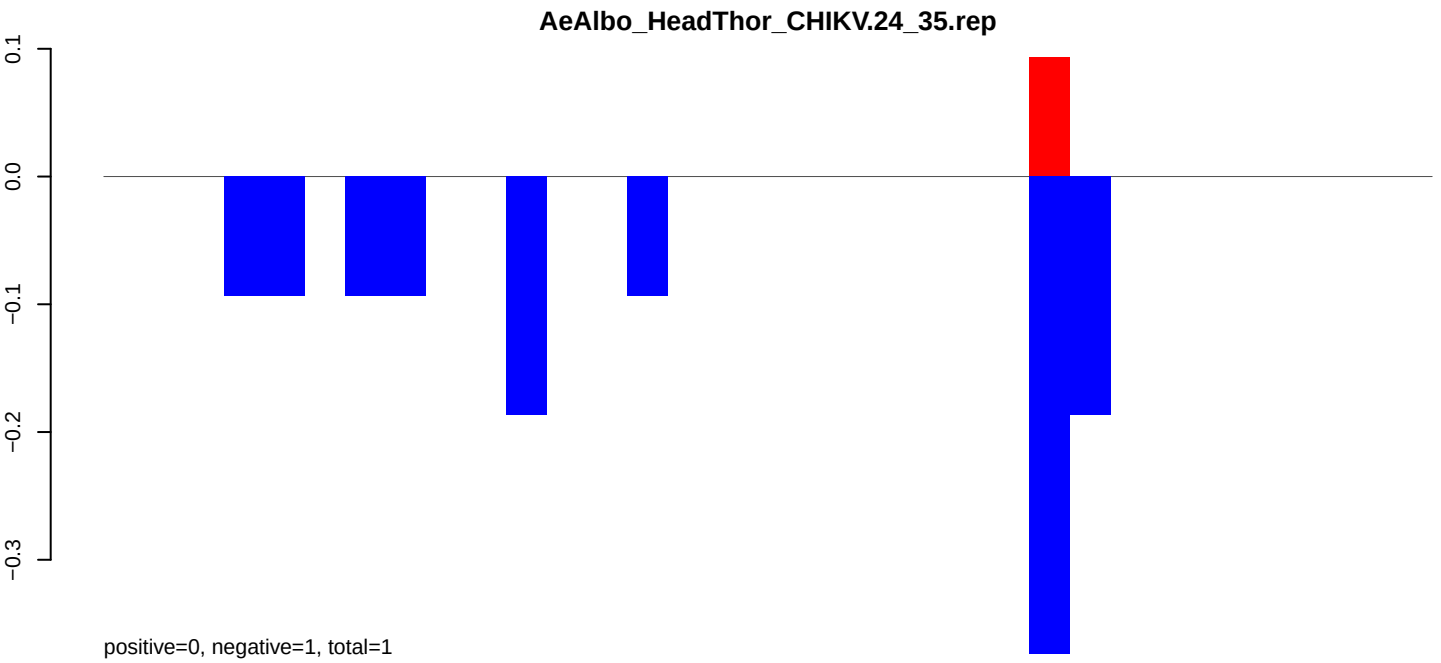

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
Window size=25, length=2837, TE@ltr−1_family−3336@Satellite:1−2837
0
500
1000
1500
2000
2500

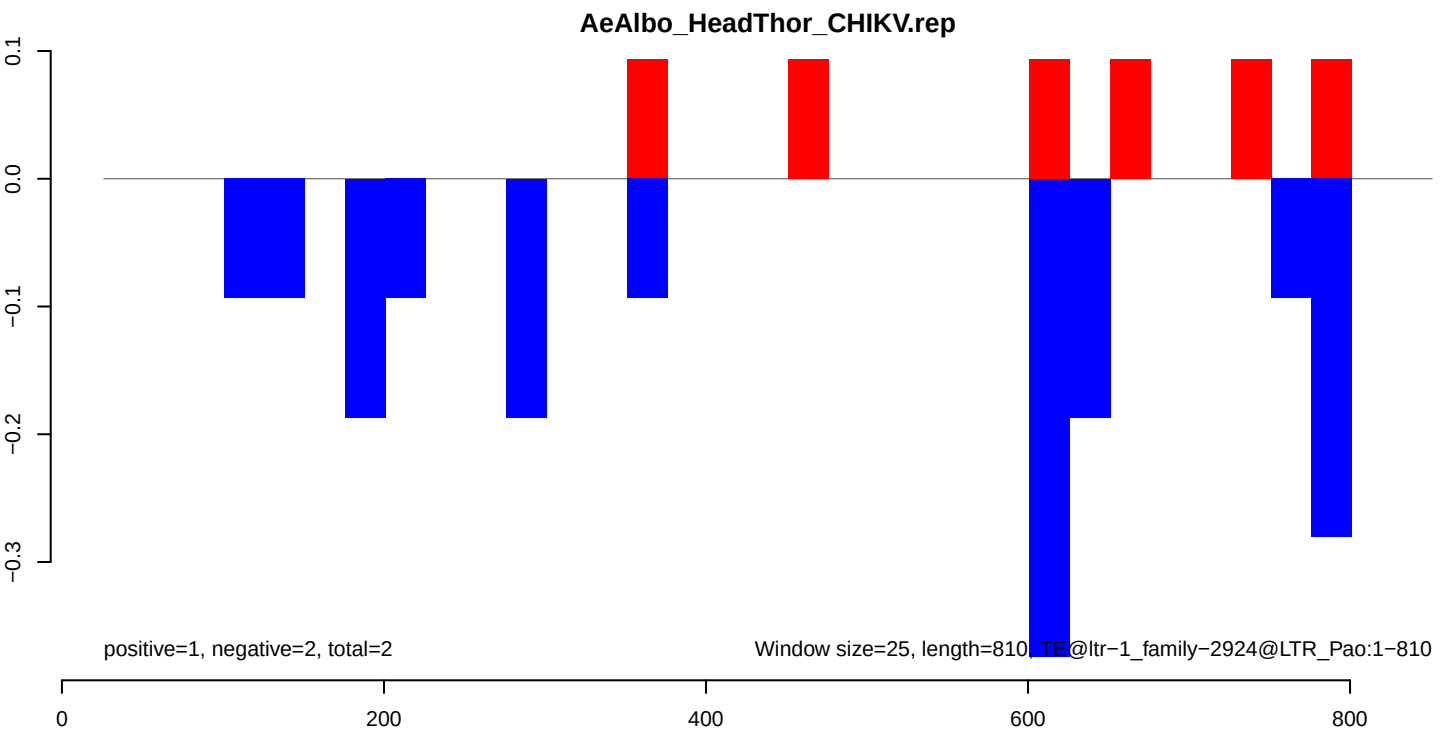

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
positive=19, negative=4, total=23

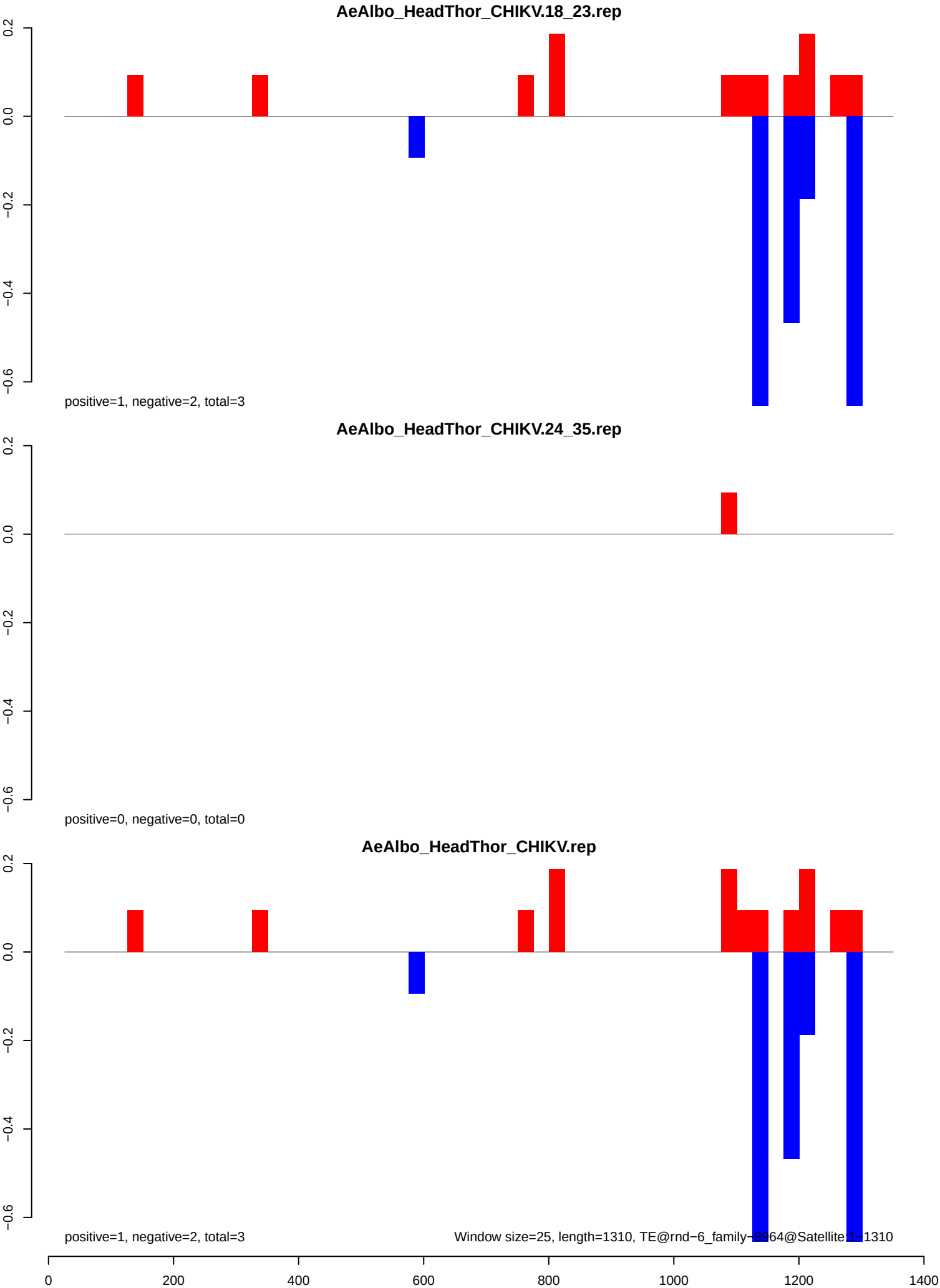

AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
positive=0, negative=0, total=0

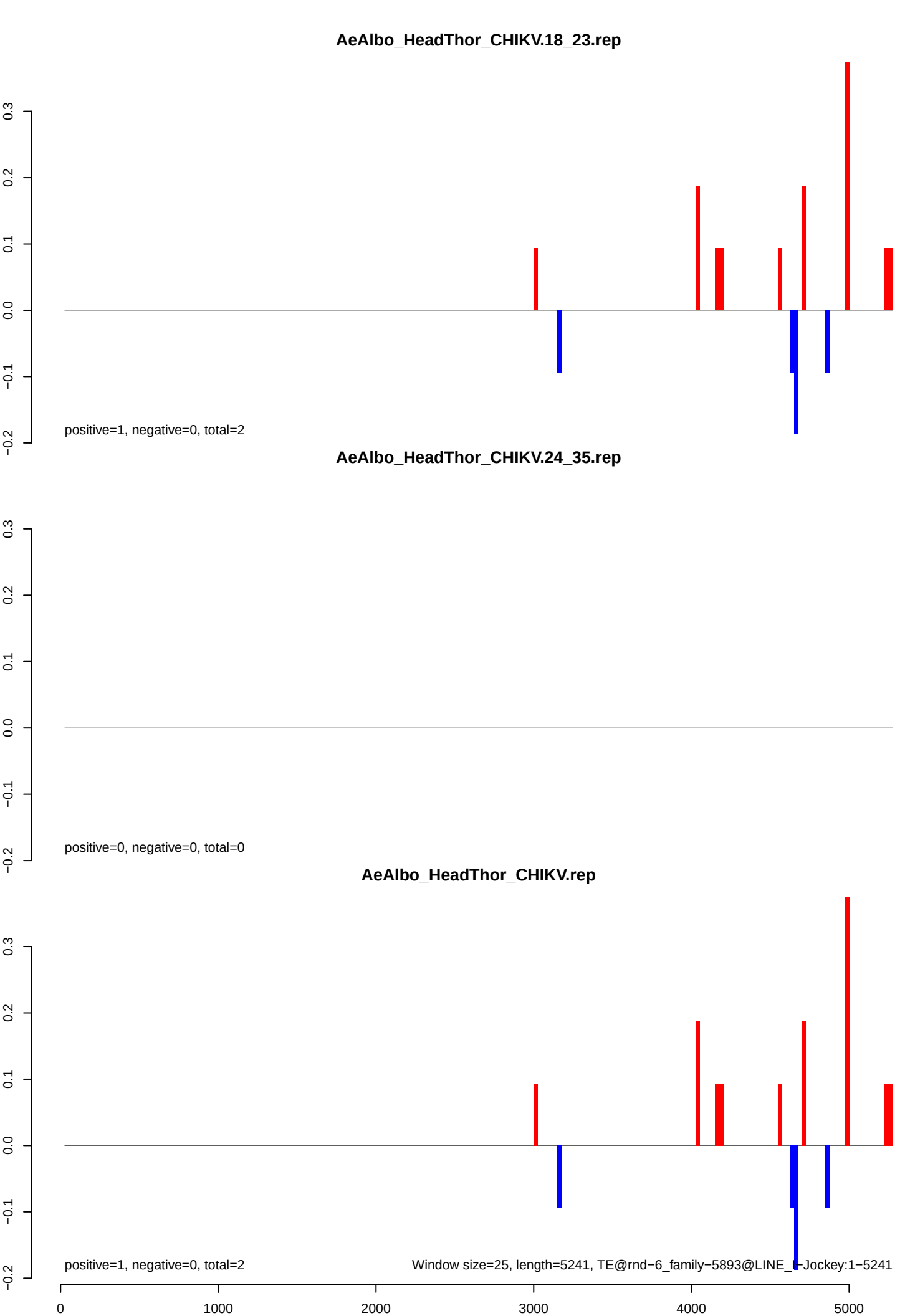

AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=19, negative=5, total=23
Window size=25, length=961, TE@ltr−1_family−3259@Unknown:1−961
0
200
400
600
800
1000

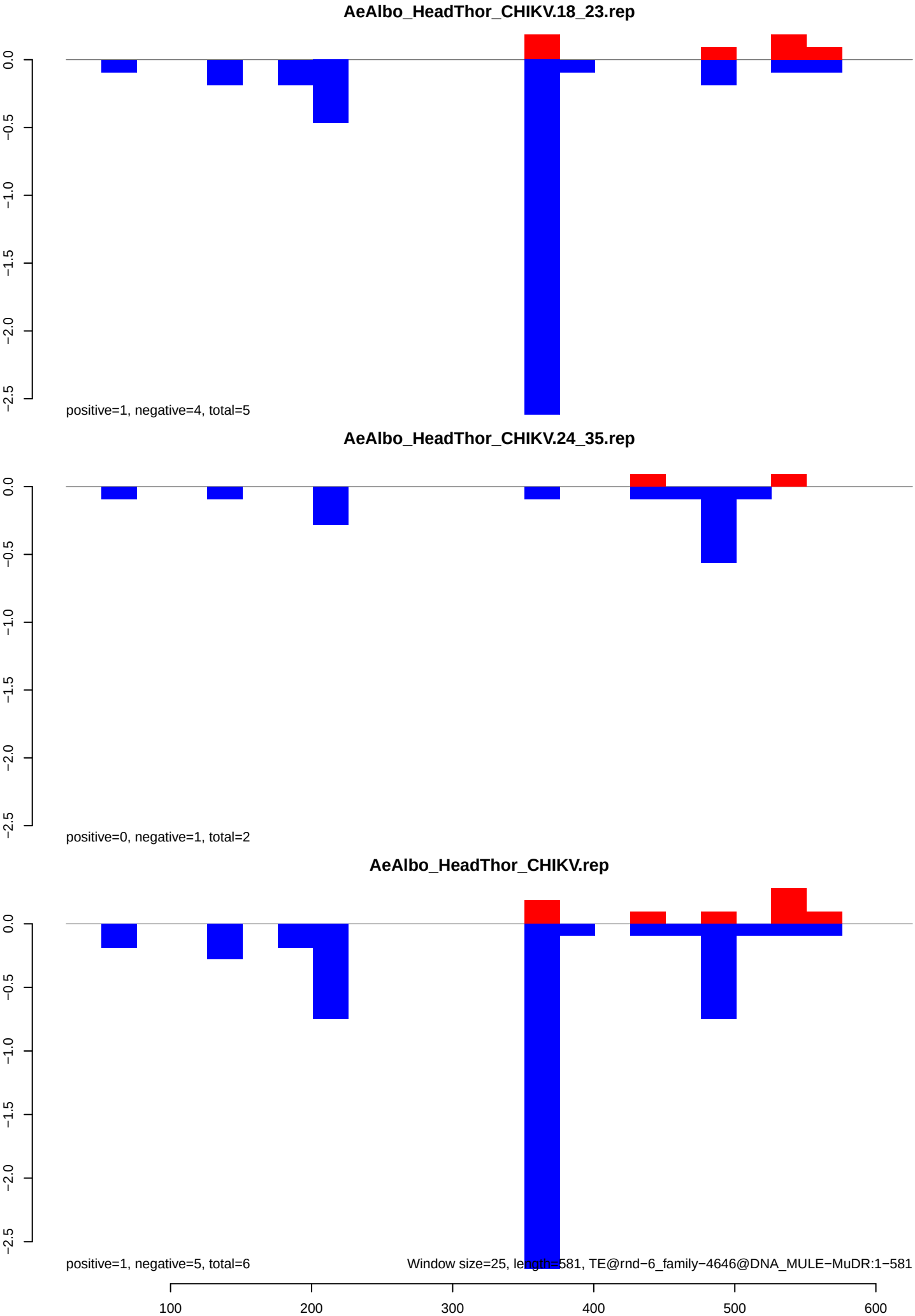

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1

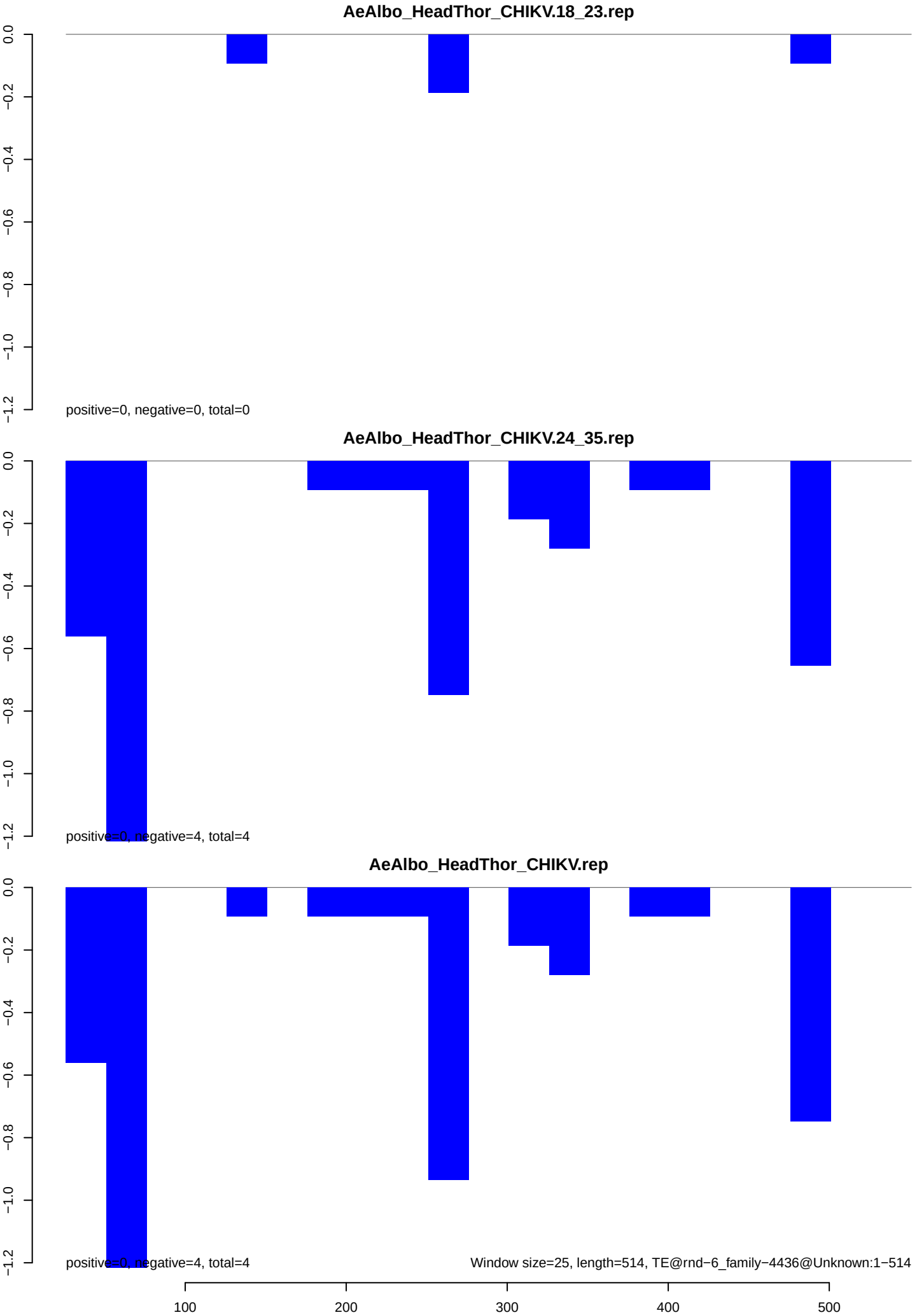

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1

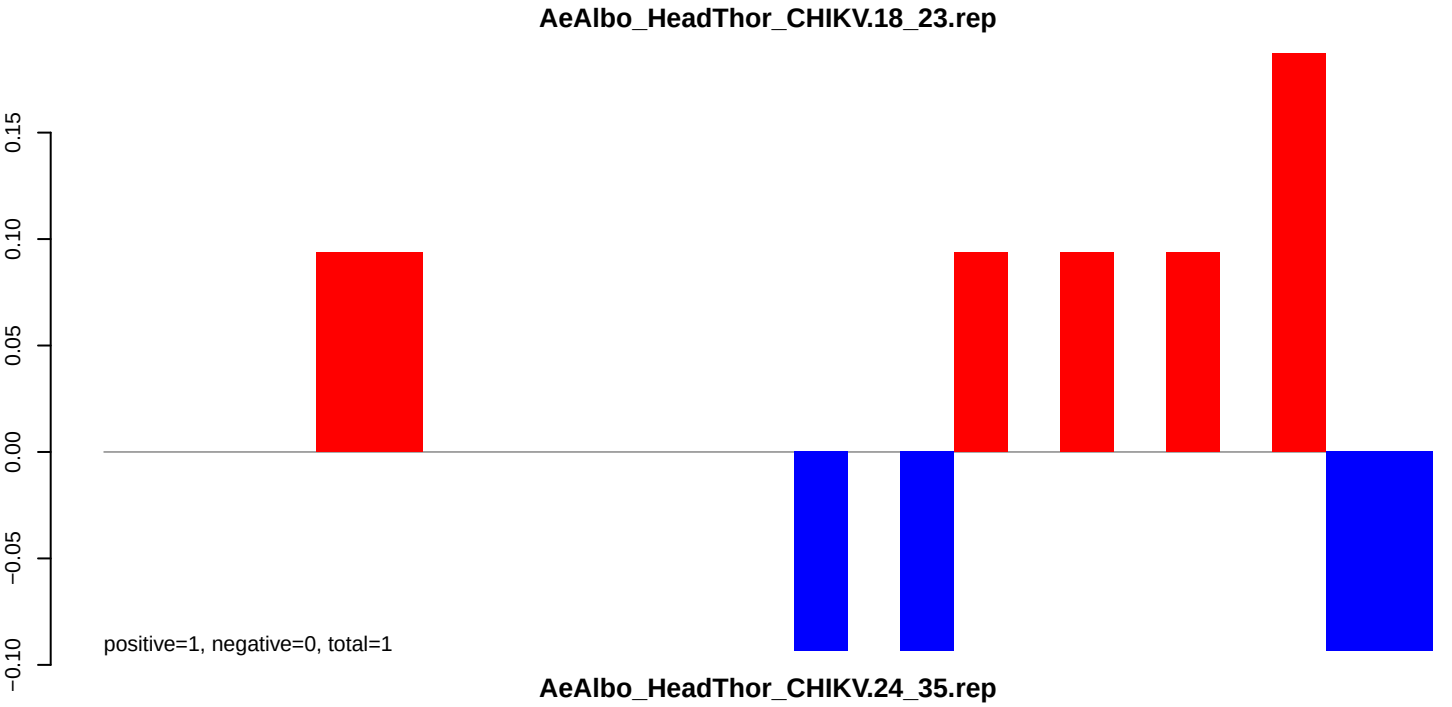

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=2, total=2
Window size=25, length=810_TE@ltr−1_family−2924@LTR_Pao:1−810
0
200
400
600
800

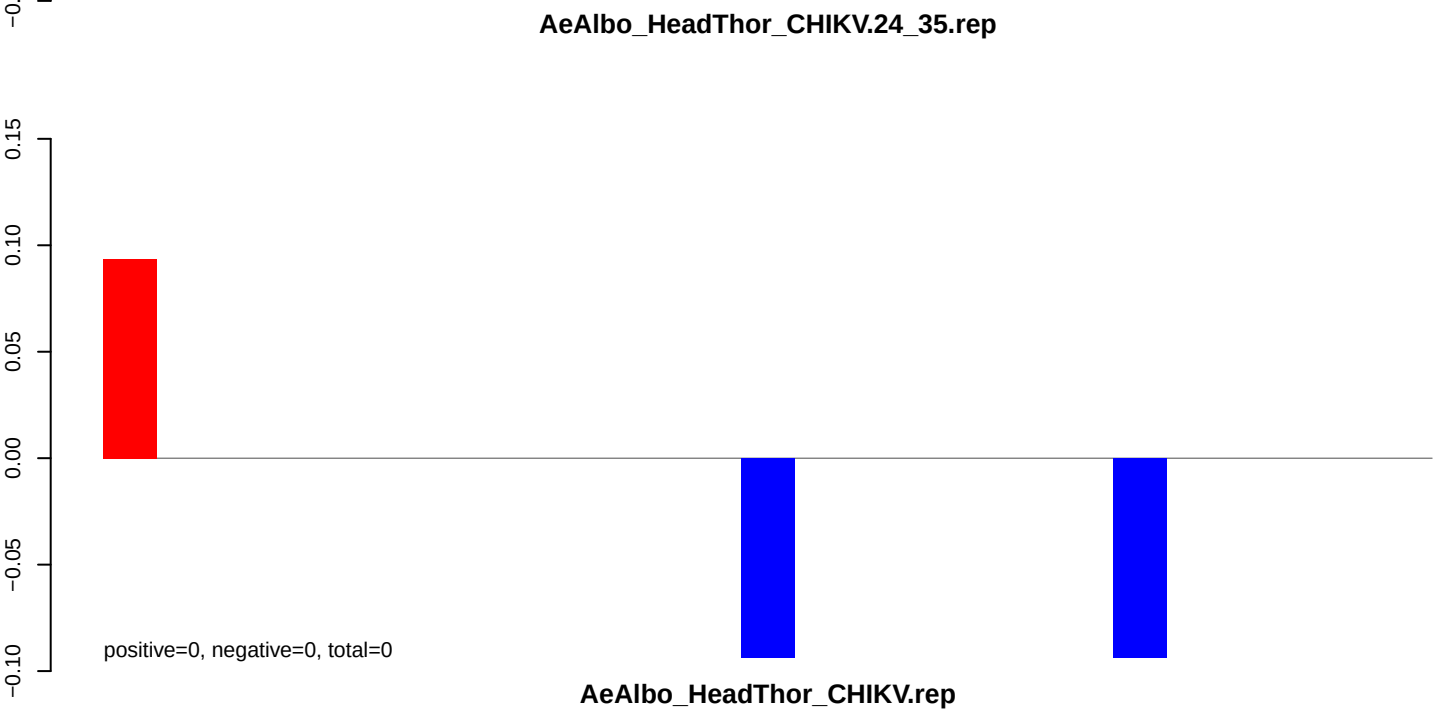

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
Window size=25, length=1310, TE@rnd−6_family−8964@Satellite:1−1310
0
200
400
600
800
1000
1200
1400

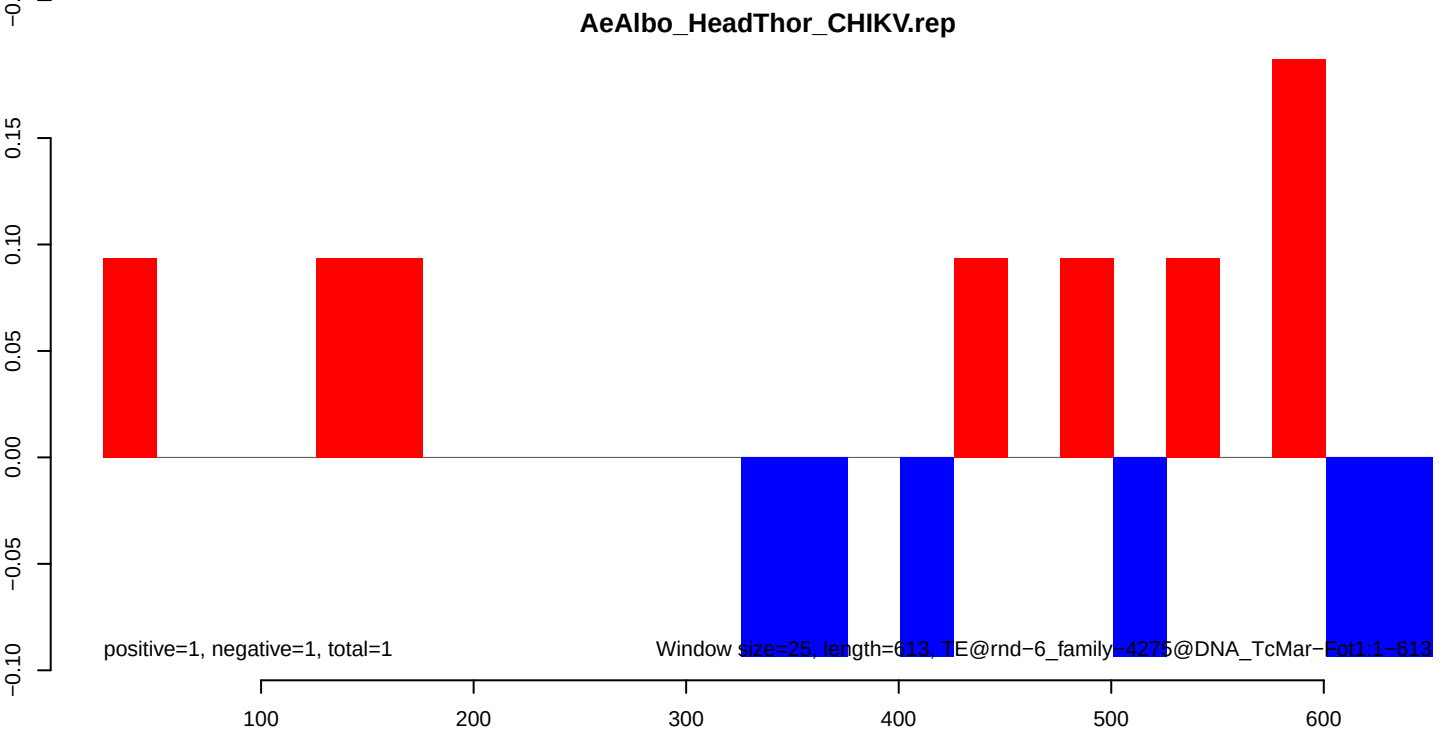

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=2
Window size=25, length=5241, TE@rnd−6_family−5893@LINE_L−Jockey:1−5241
0
1000
2000
3000
4000
5000

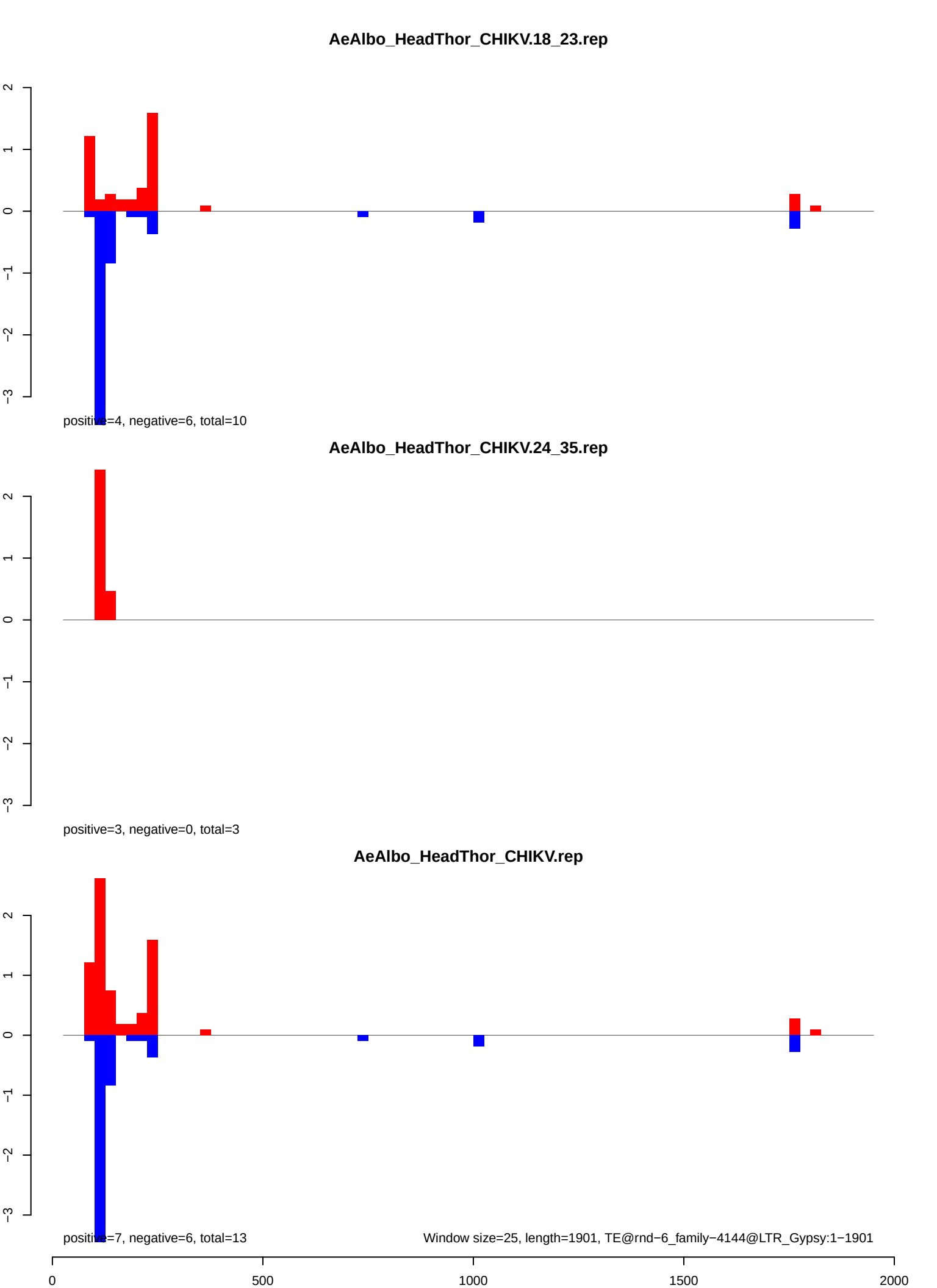

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=4, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=5, total=6
Window size=25, length=581, TE@rnd−6_family−4646@DNA_MULE−MuDR:1−581
100
200
300
400
500
600

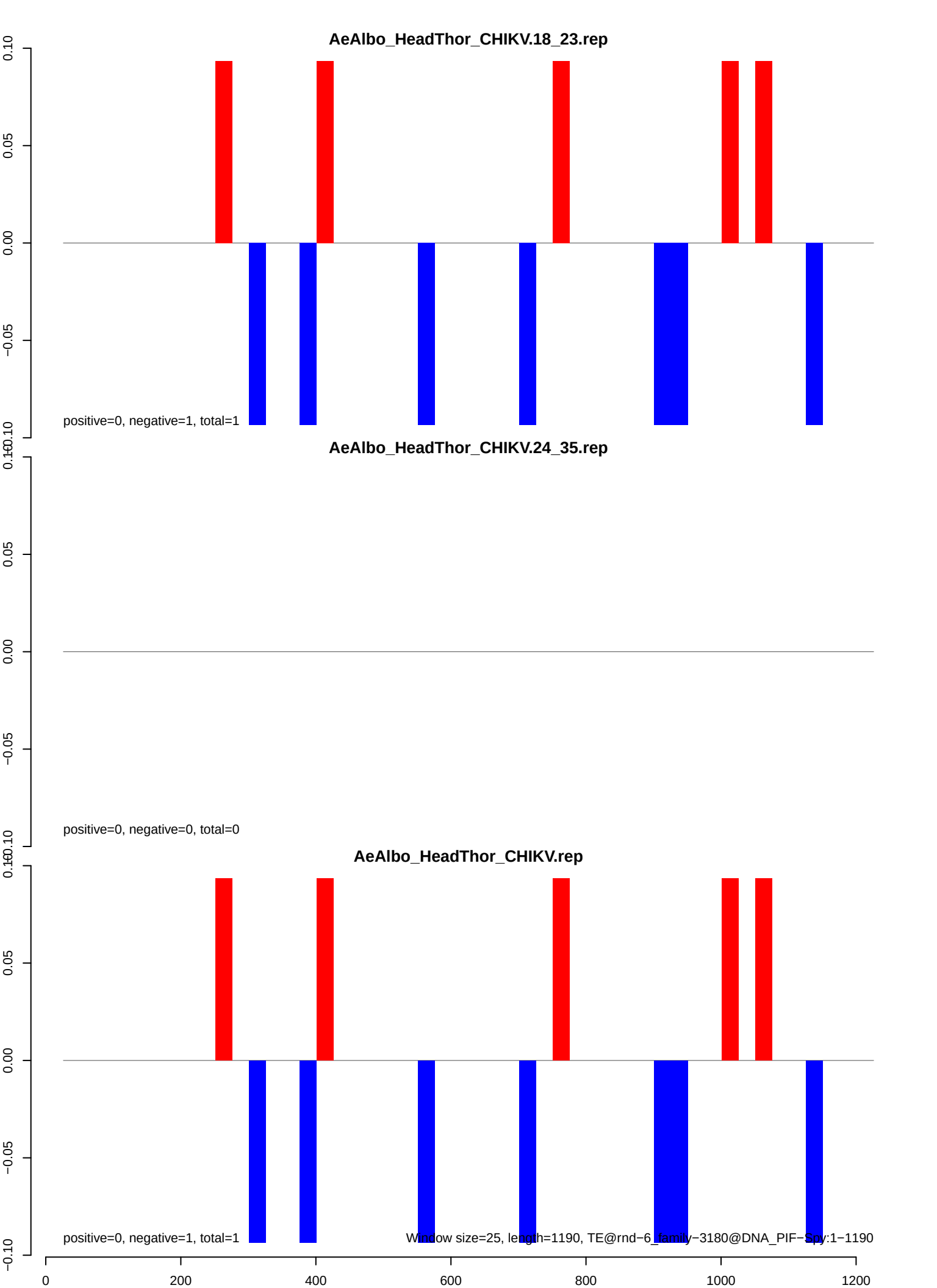

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=4, total=4
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=4, total=4
Window size=25, length=514, TE@rnd−6_family−4436@Unknown:1−514
100
200
300
400
500

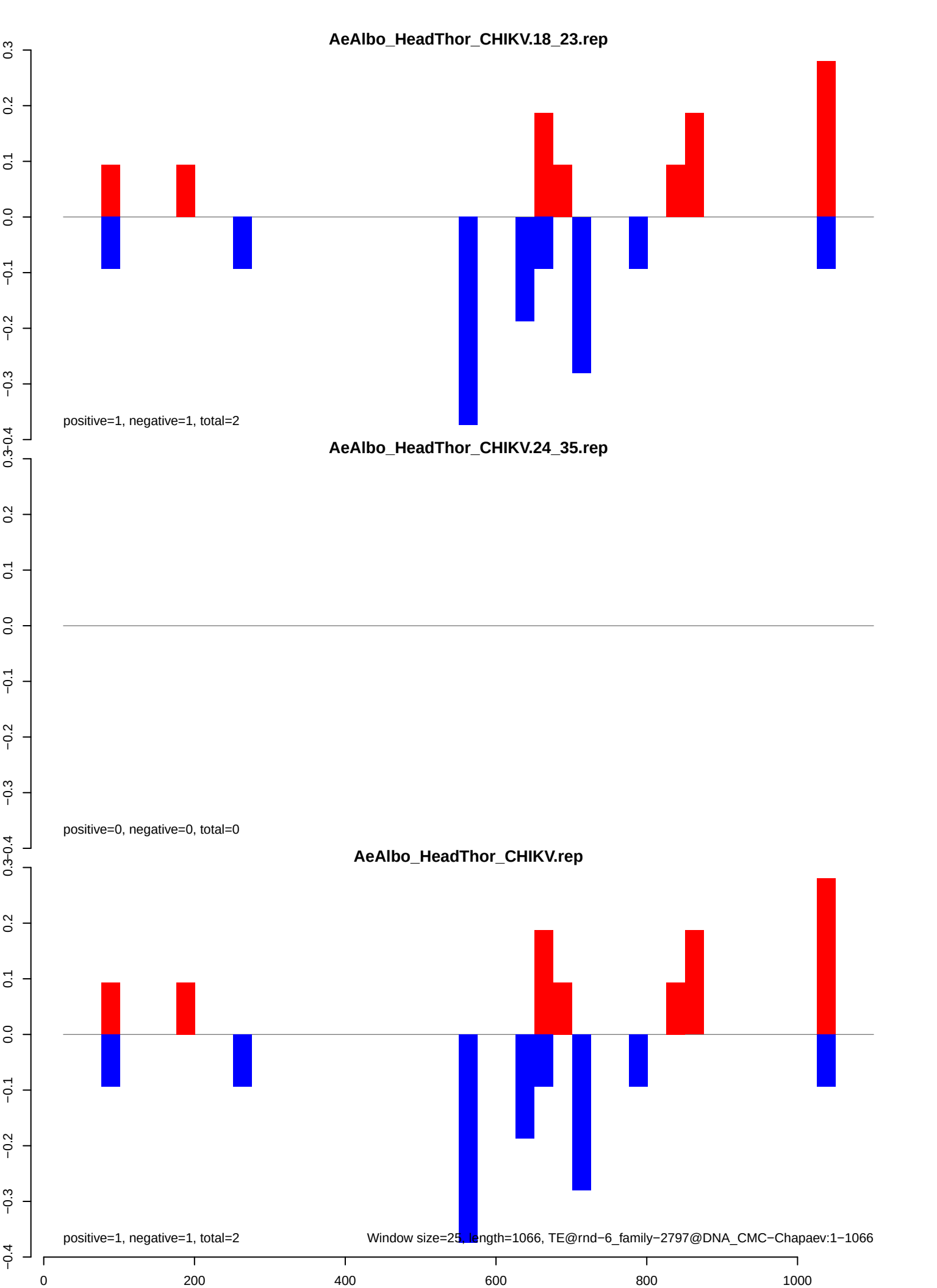

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1

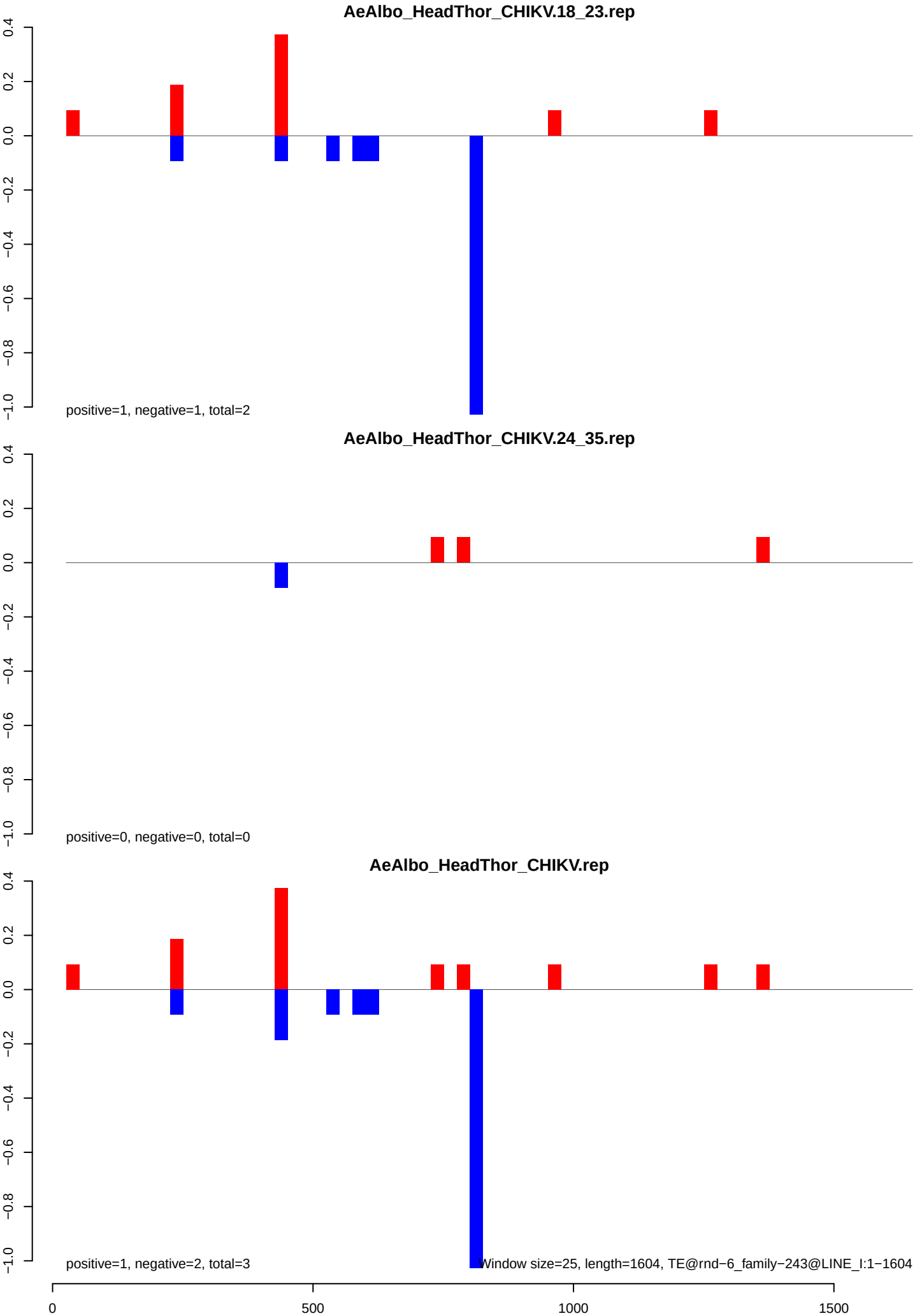

AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0

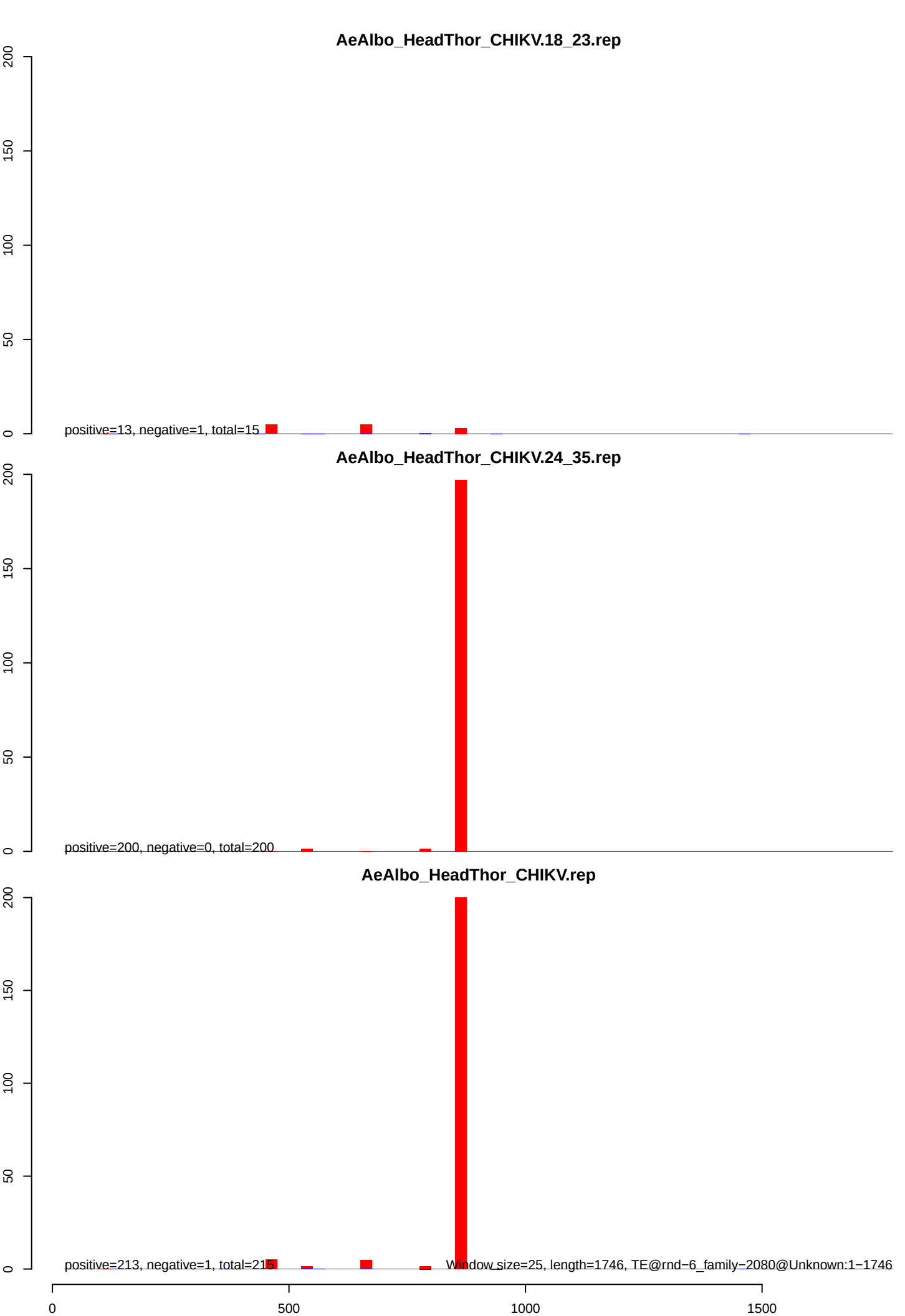

AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=1
Window size=25, length=613, TE@rnd−6_family−4275@DNA_TcMar−Fot1:1−613
100
200
300
400
500
600

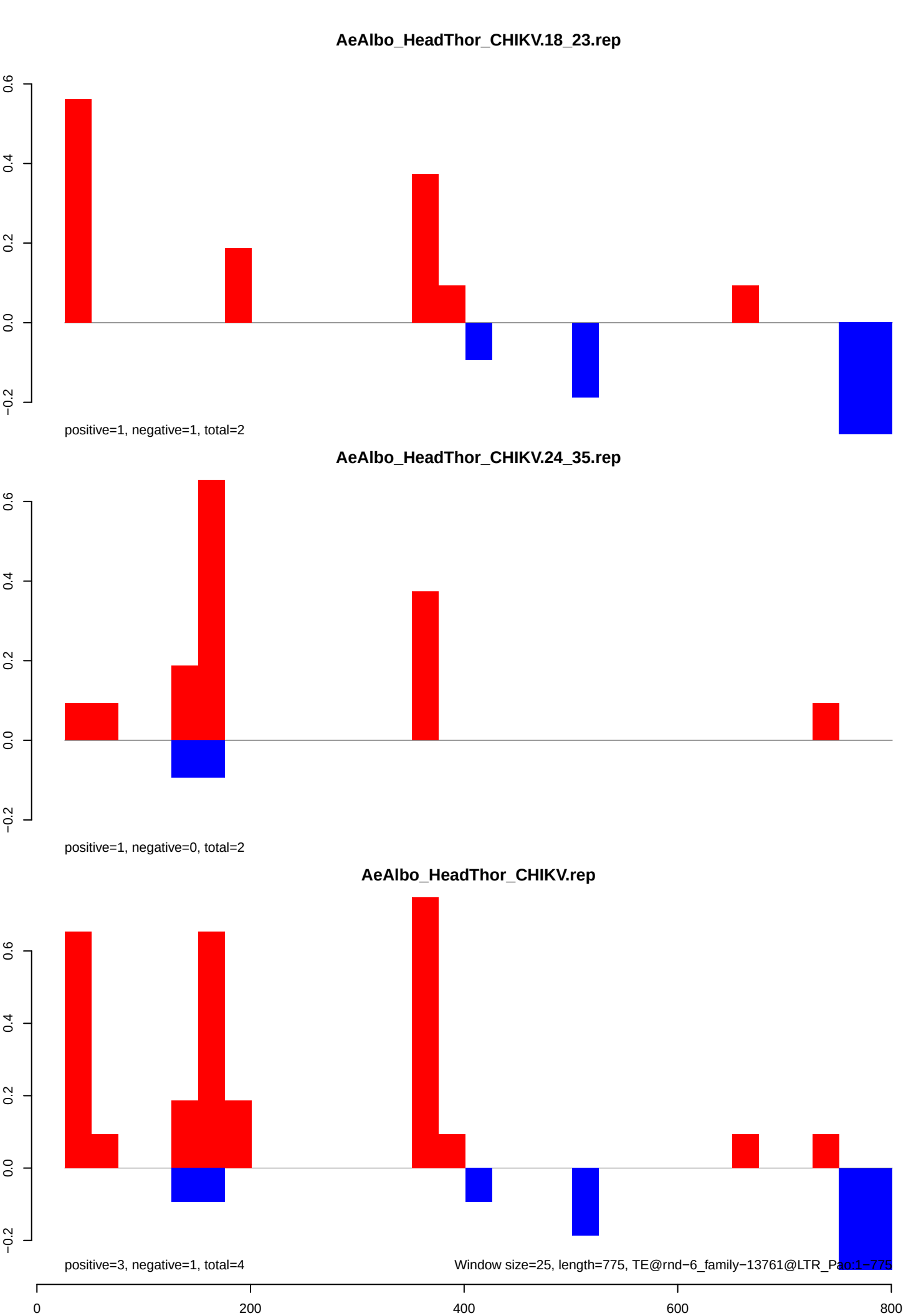

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=6, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=6, total=13
Window size=25, length=1901, TE@rnd−6_family−4144@LTR_Gypsy:1−1901
0
500
1000
1500
2000

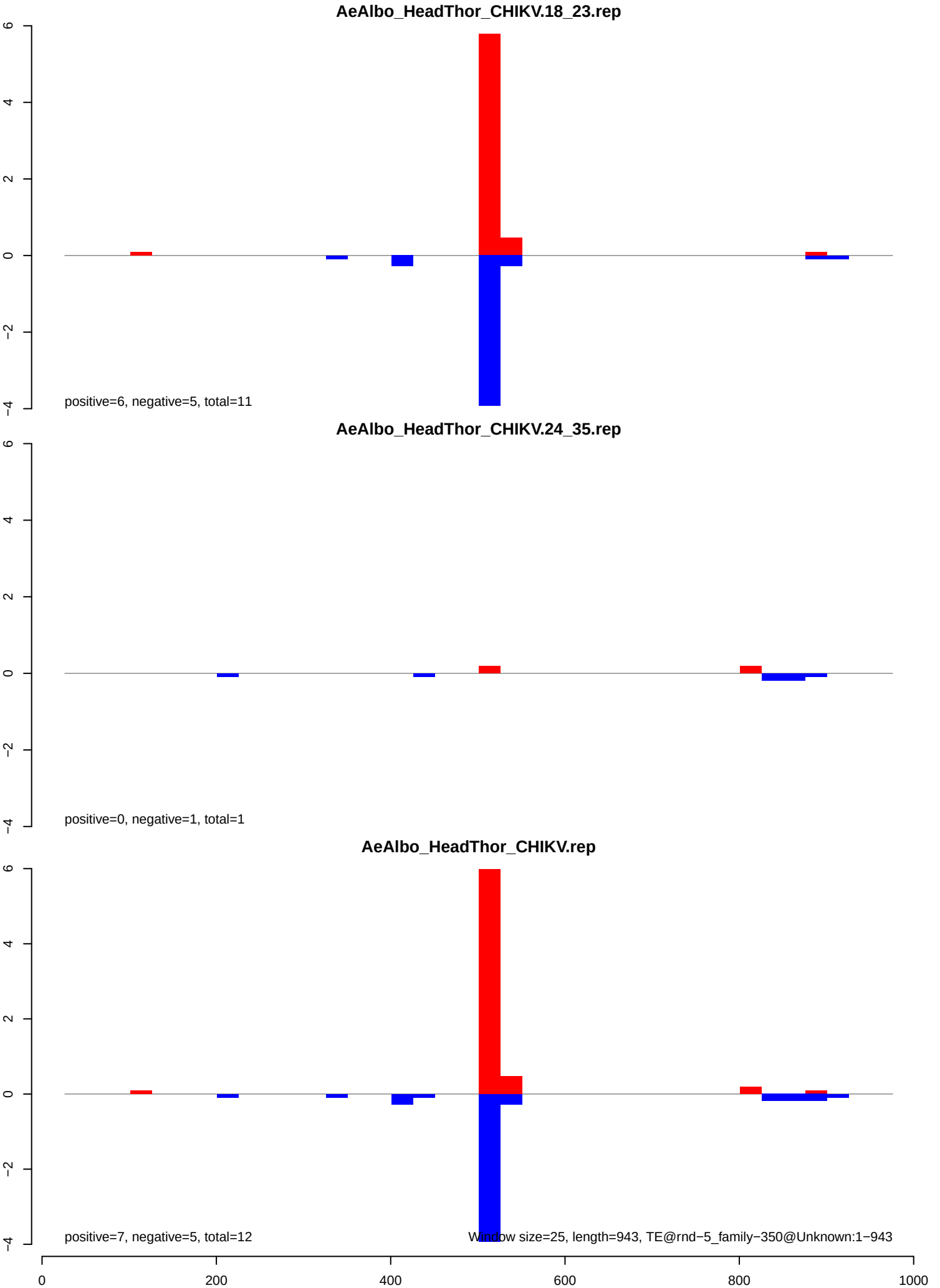

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=1190, TE@rnd−6_family−3180@DNA_PIF−Spy:1−1190
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800
1000
1200

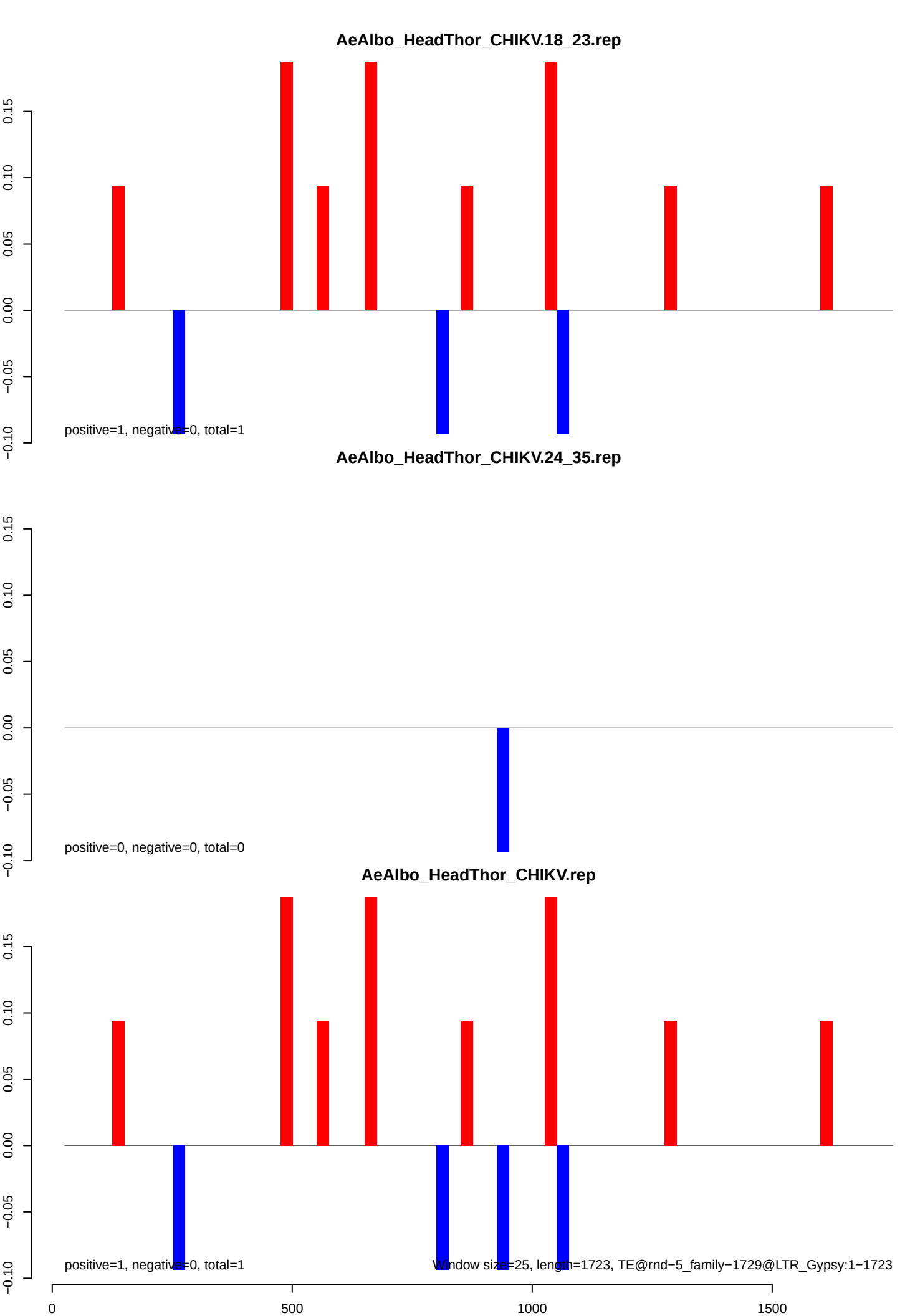

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=1066, TE@rnd−6_family−2797@DNA_CMC−Chapaev:1−1066
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
200
400
600
800
1000

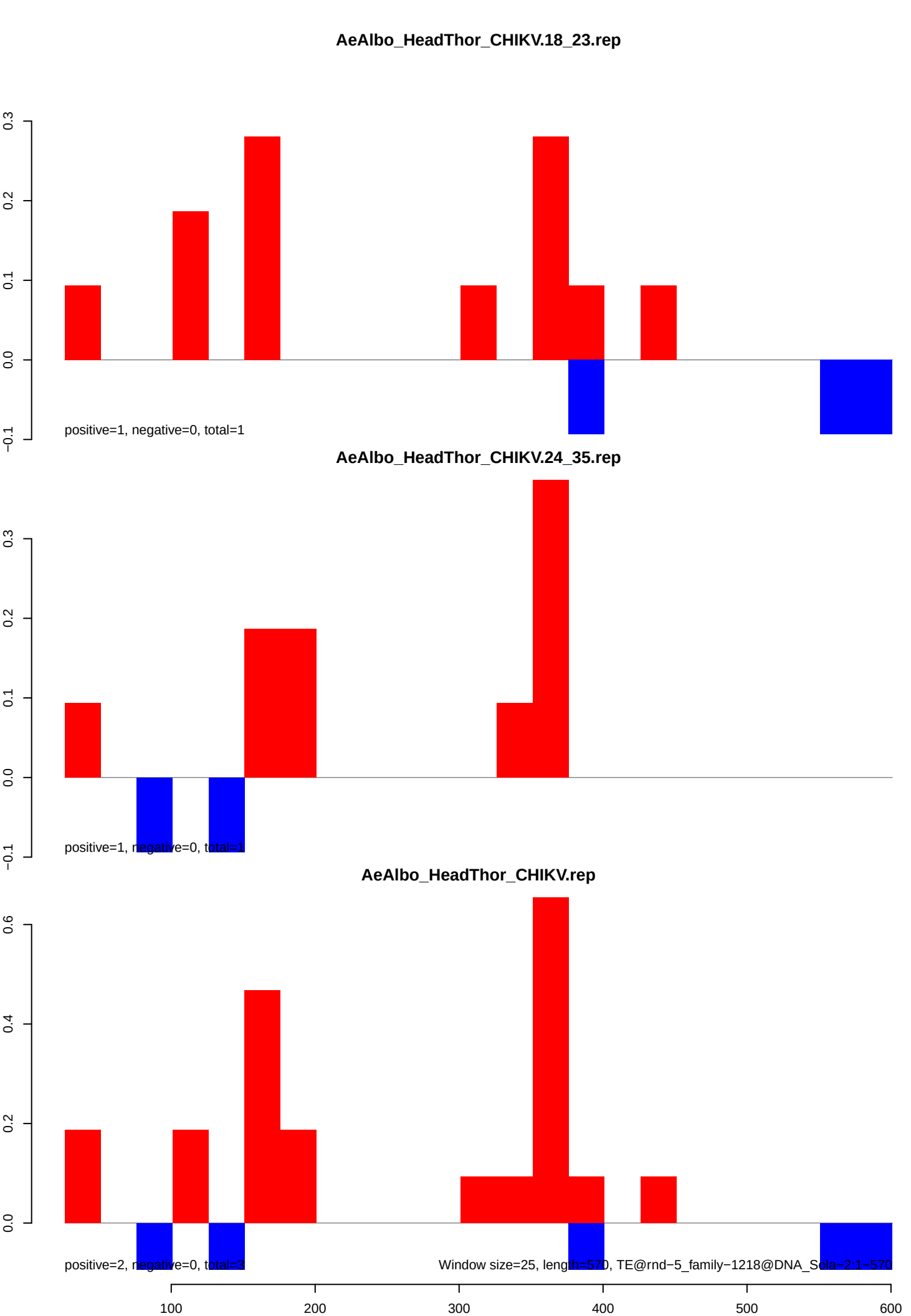

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=1604, TE@rnd−6_family−243@LINE_I:1−1604
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
0
500
1000
1500

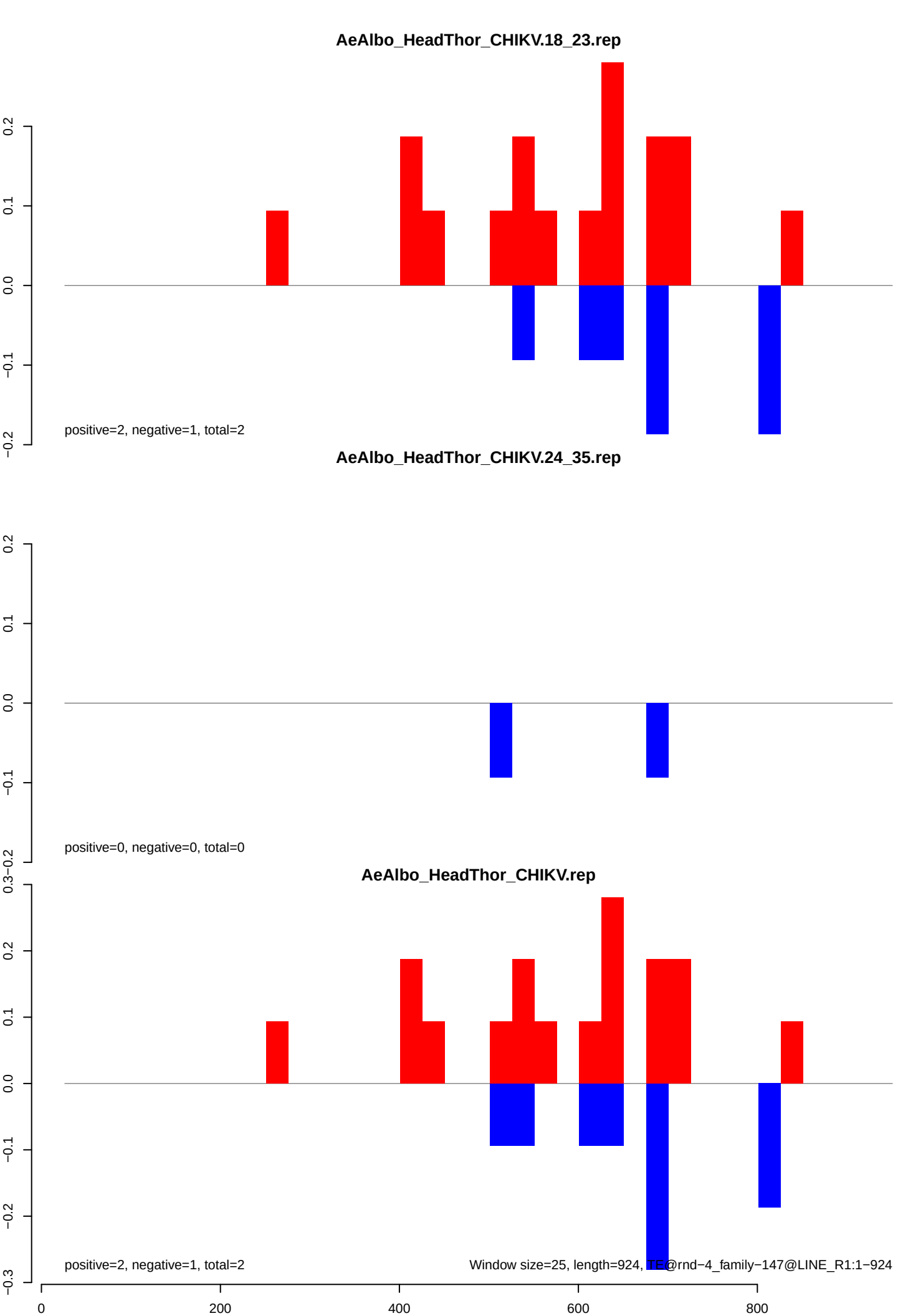

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=13, negative=1, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=200, negative=0, total=200
AeAlbo_HeadThor_CHIKV.rep
positive=213, negative=1, total=215
Window size=25, length=1746, TE@rnd−6_family−2080@Unknown:1−1746
0
50
100
150
200
0
500
1000
1500

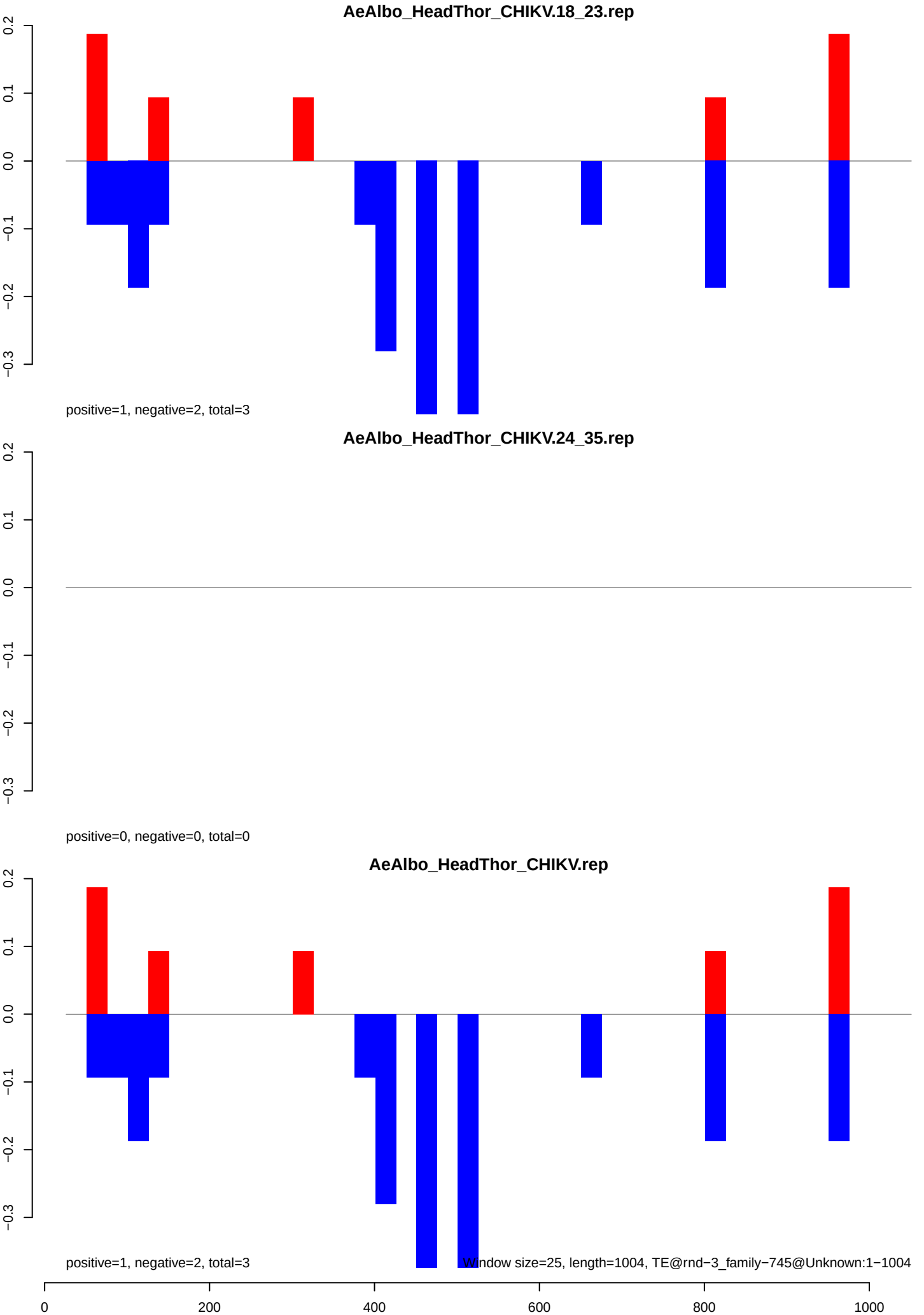

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=1, total=4
Window size=25, length=775, TE@rnd−6_family−13761@LTR_Pao:1−775
0
200
400
600
800

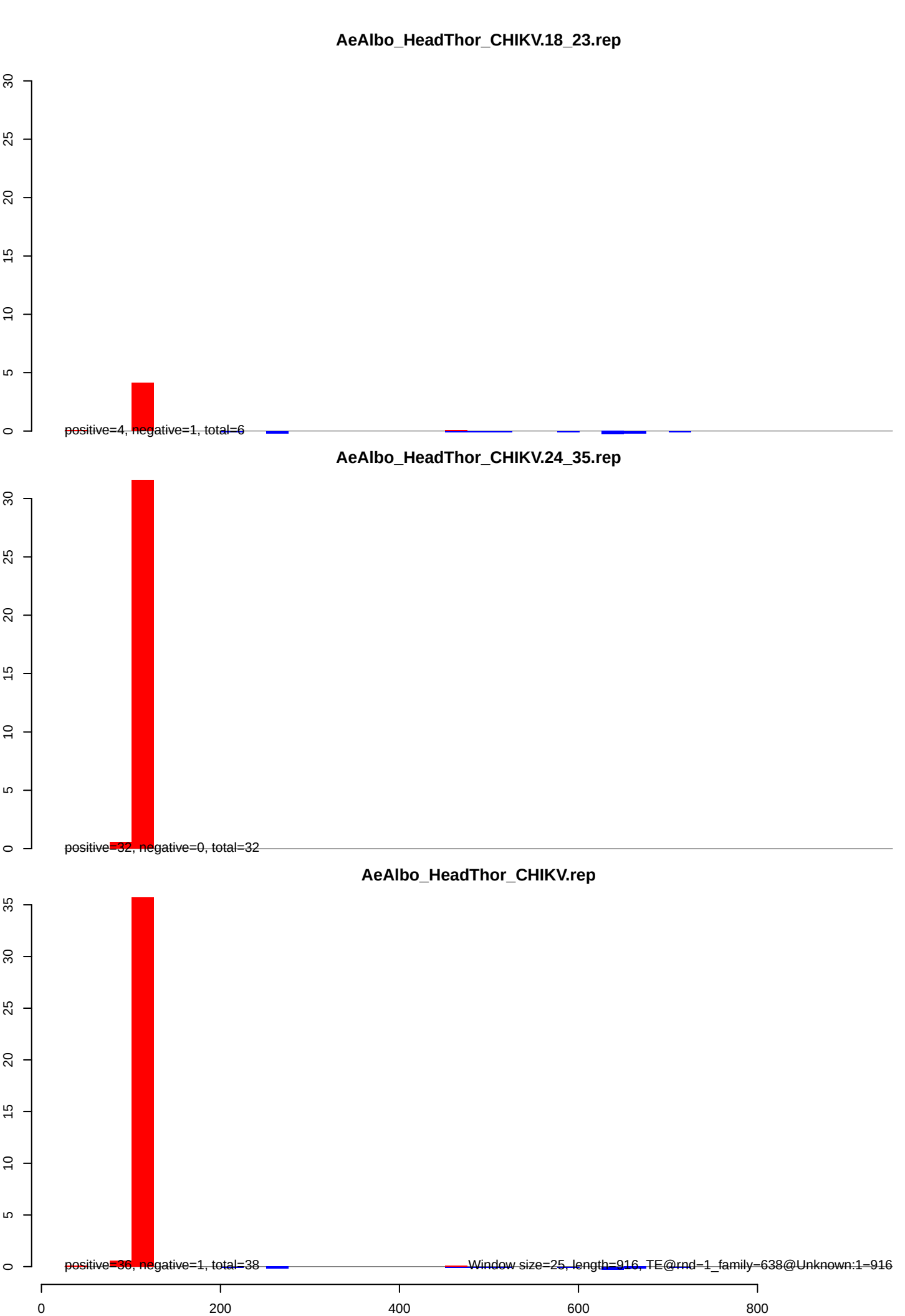

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=5, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=5, total=12
Window size=25, length=943, TE@rnd−5_family−350@Unknown:1−943
6
4
2
0
−2
−4
0
200
400
600
800
1000

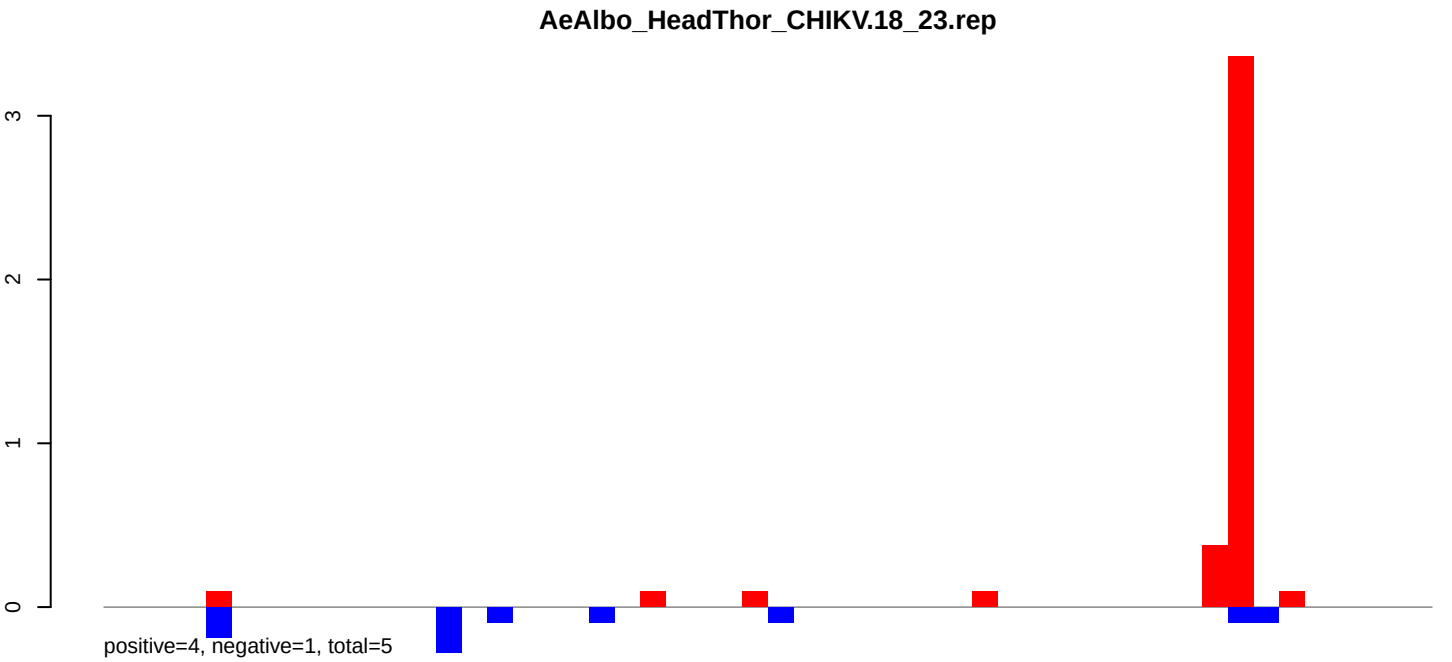

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=1723, TE@rnd−5_family−1729@LTR_Gypsy:1−1723
0
500
1000
1500

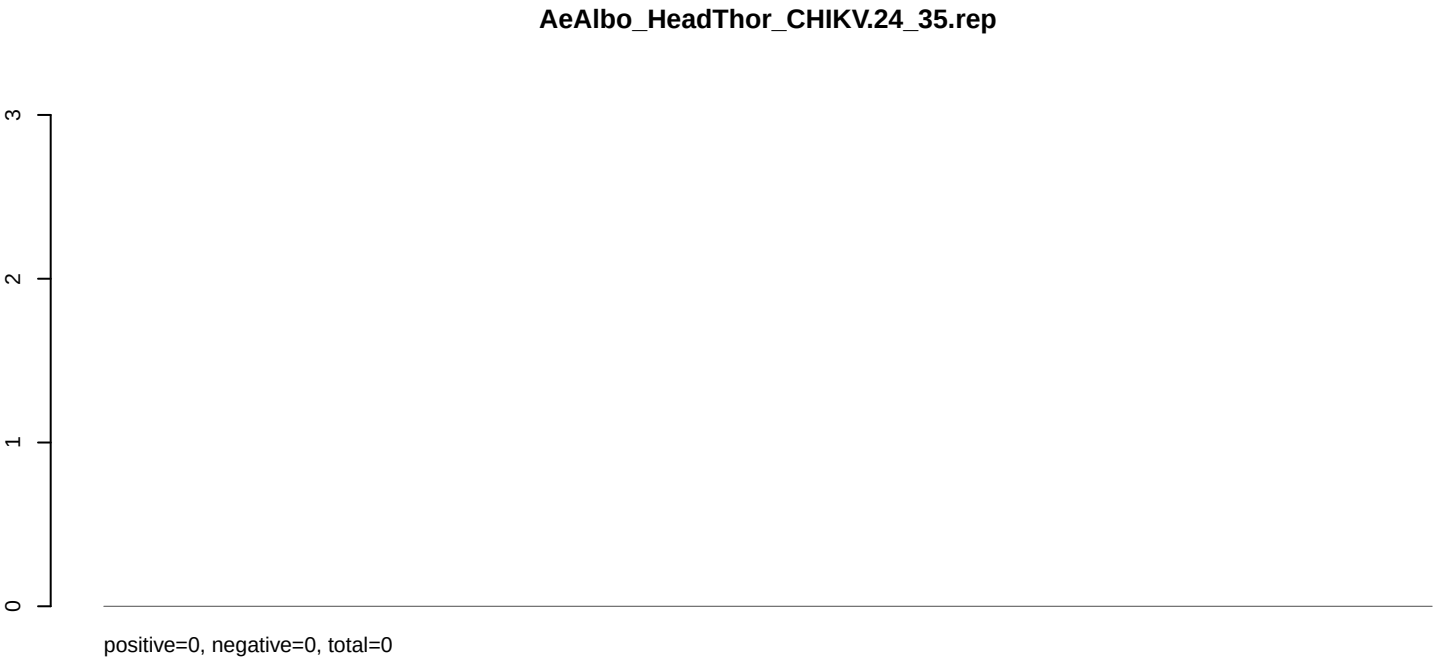

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
positive=2, negative=0, total=3
Window size=25, length=570, TE@rnd−5_family−1218@DNA_Sola−2:1−570
100
200
300
400
500
600

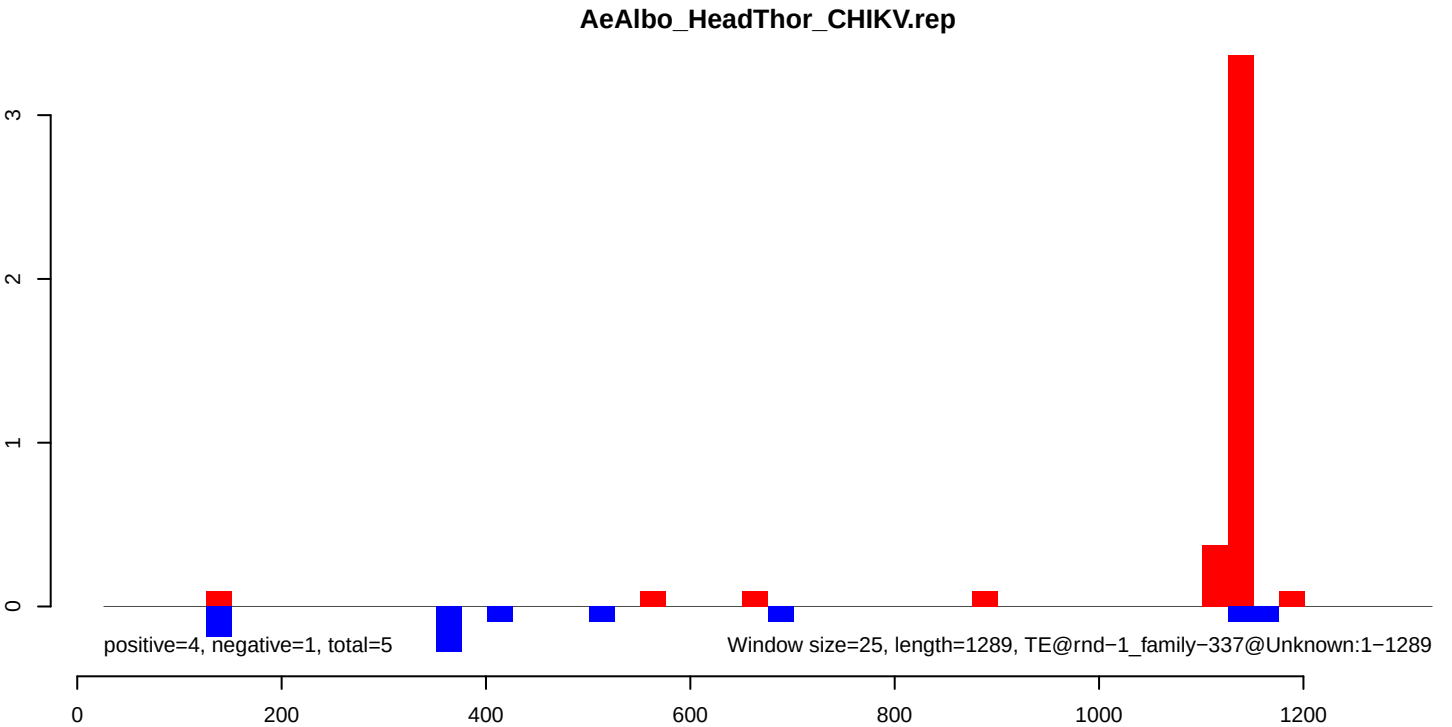

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=2
Window size=25, length=924, TE@rnd−4_family−147@LINE_R1:1−924
0
200
400
600
800

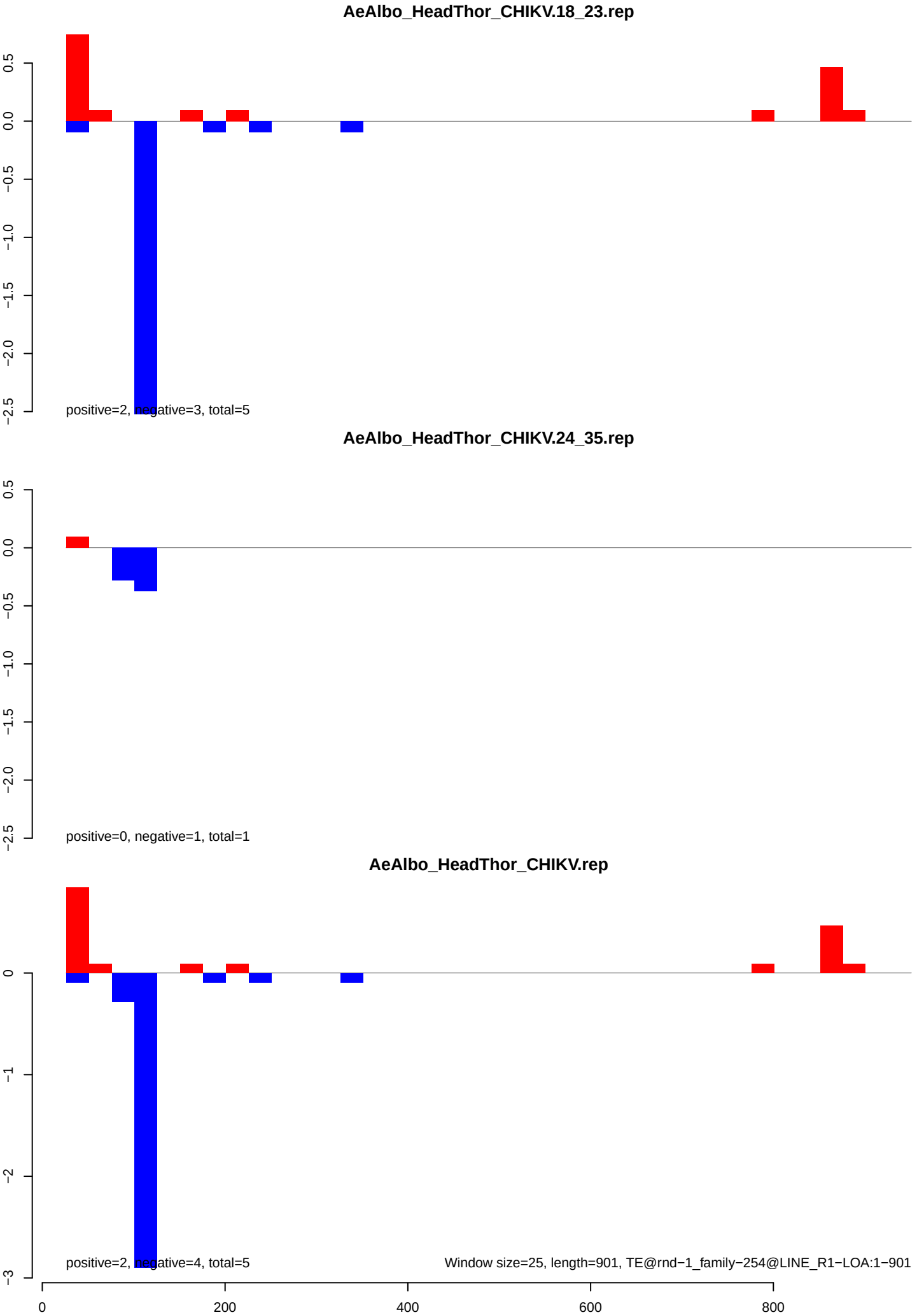

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=2, total=3
Window size=25, length=1004, TE@rnd−3_family−745@Unknown:1−1004
0
200
400
600
800
1000

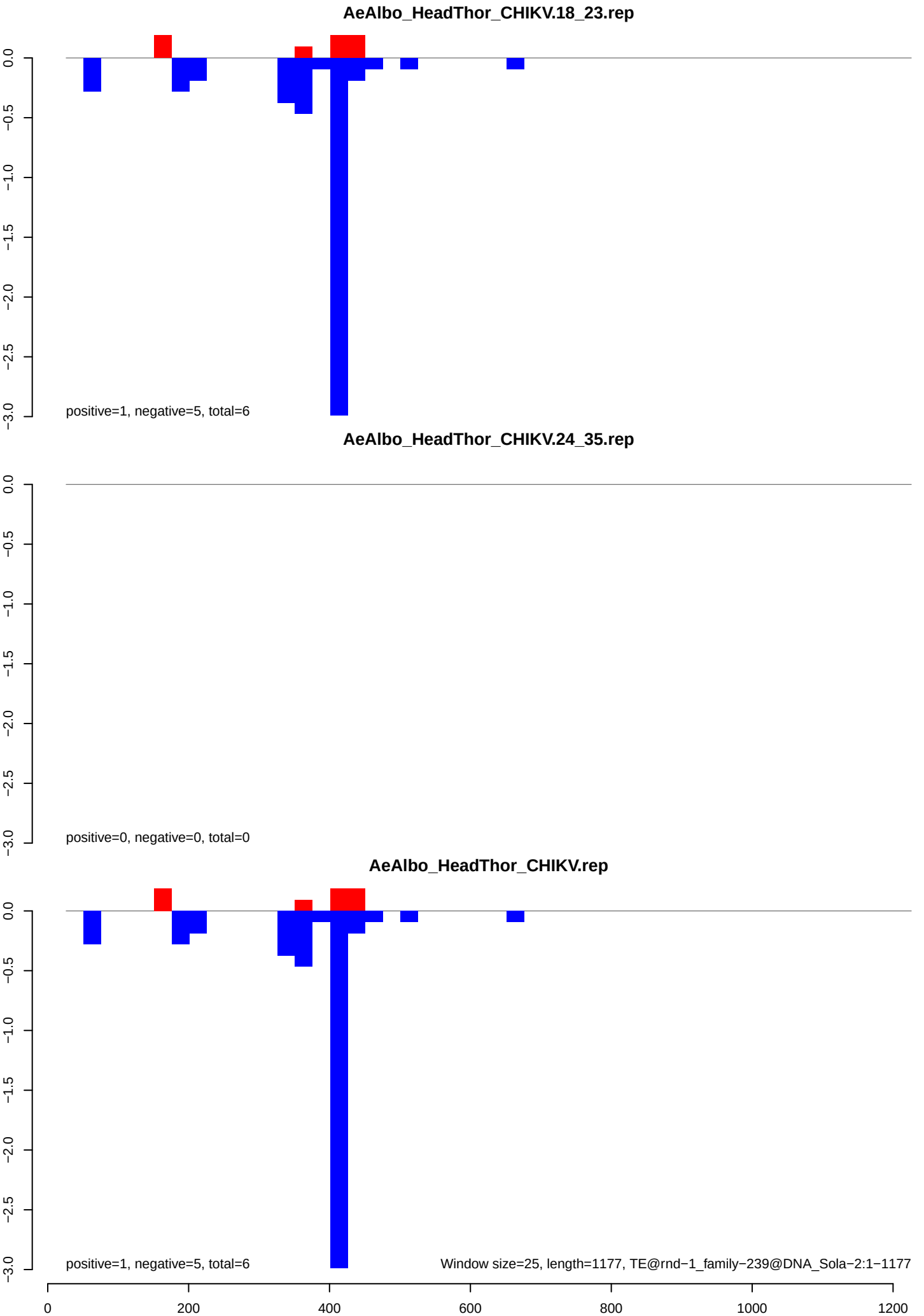

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=1, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=32, negative=0, total=32
AeAlbo_HeadThor_CHIKV.rep
positive=36, negative=1, total=38
Window size=25, length=916, TE@rnd-1_family-638@Unknown:1-916
0
5
10
15
20
25
30
35
0
200
400
600
800

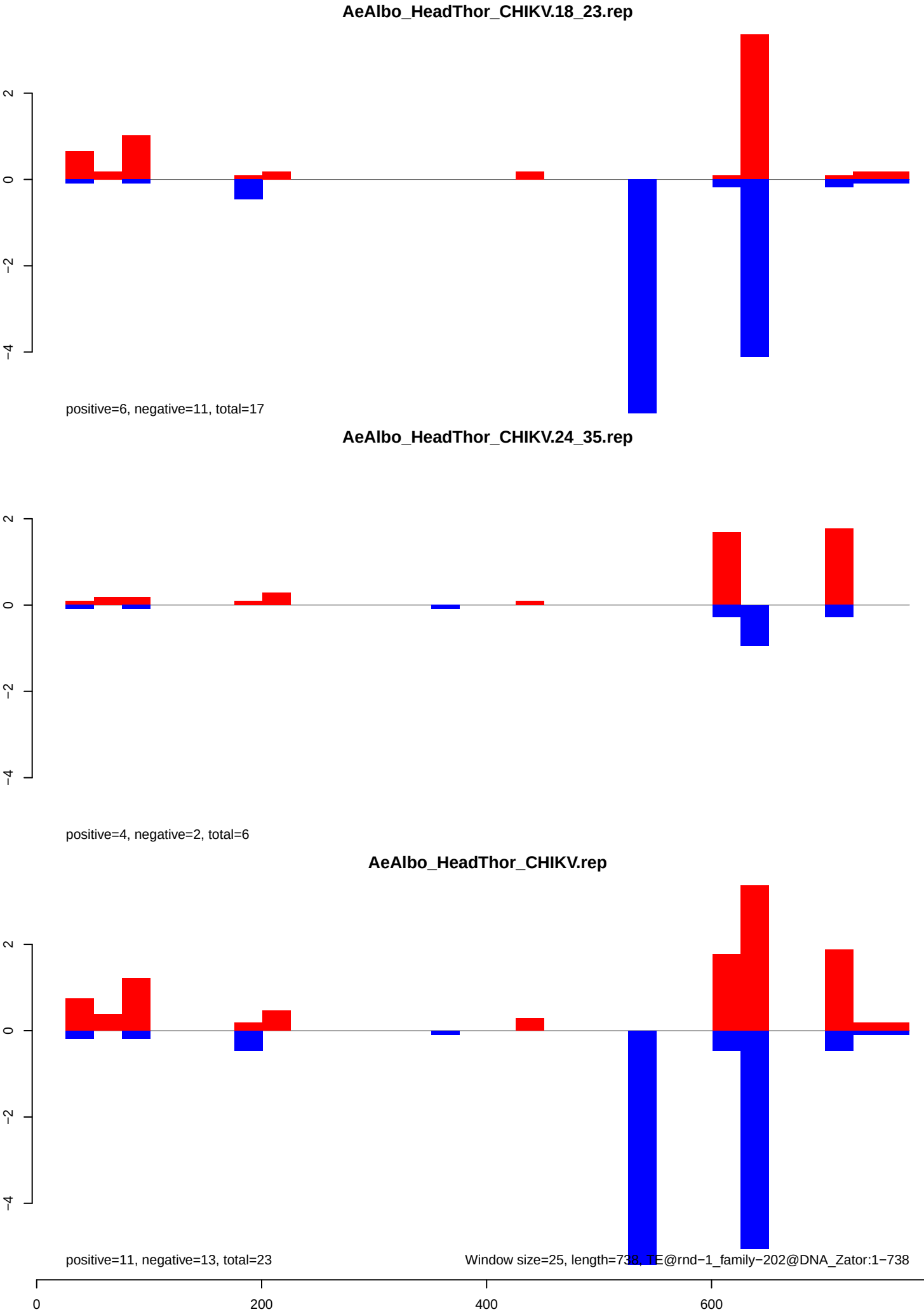

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=4, negative=1, total=5

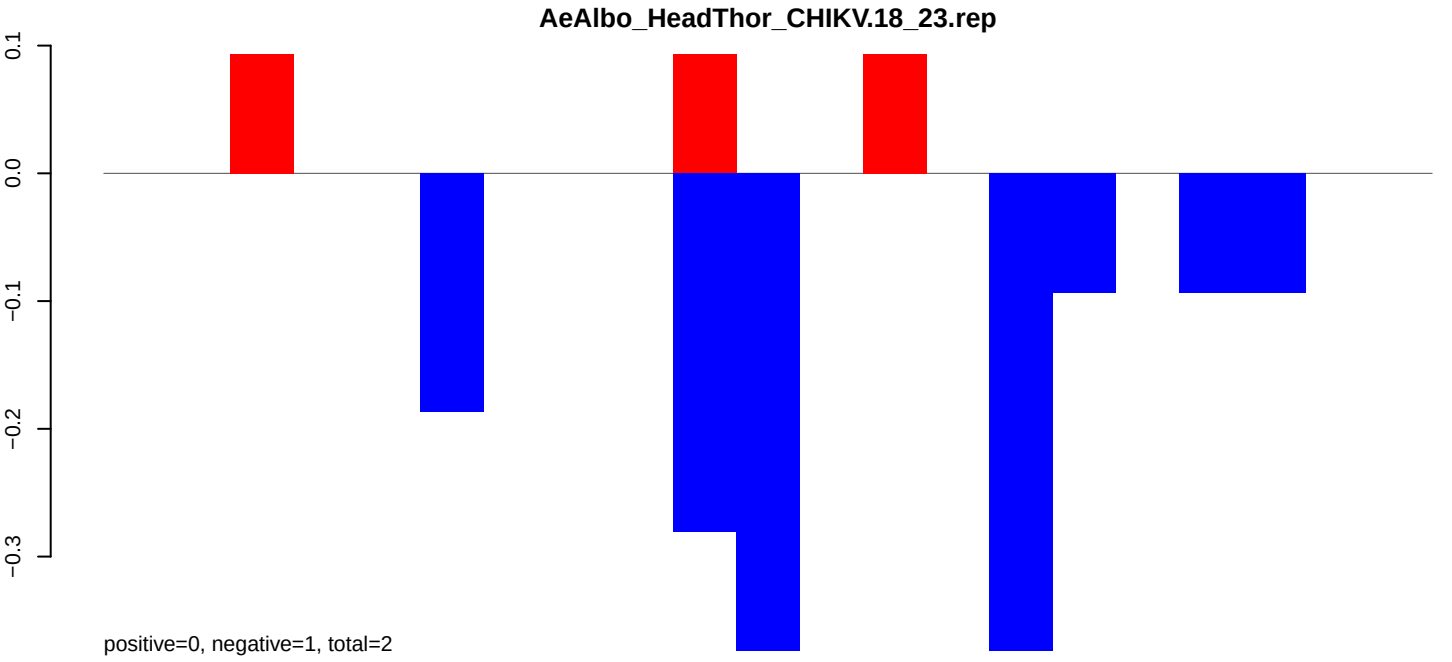

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=0, negative=0, total=0

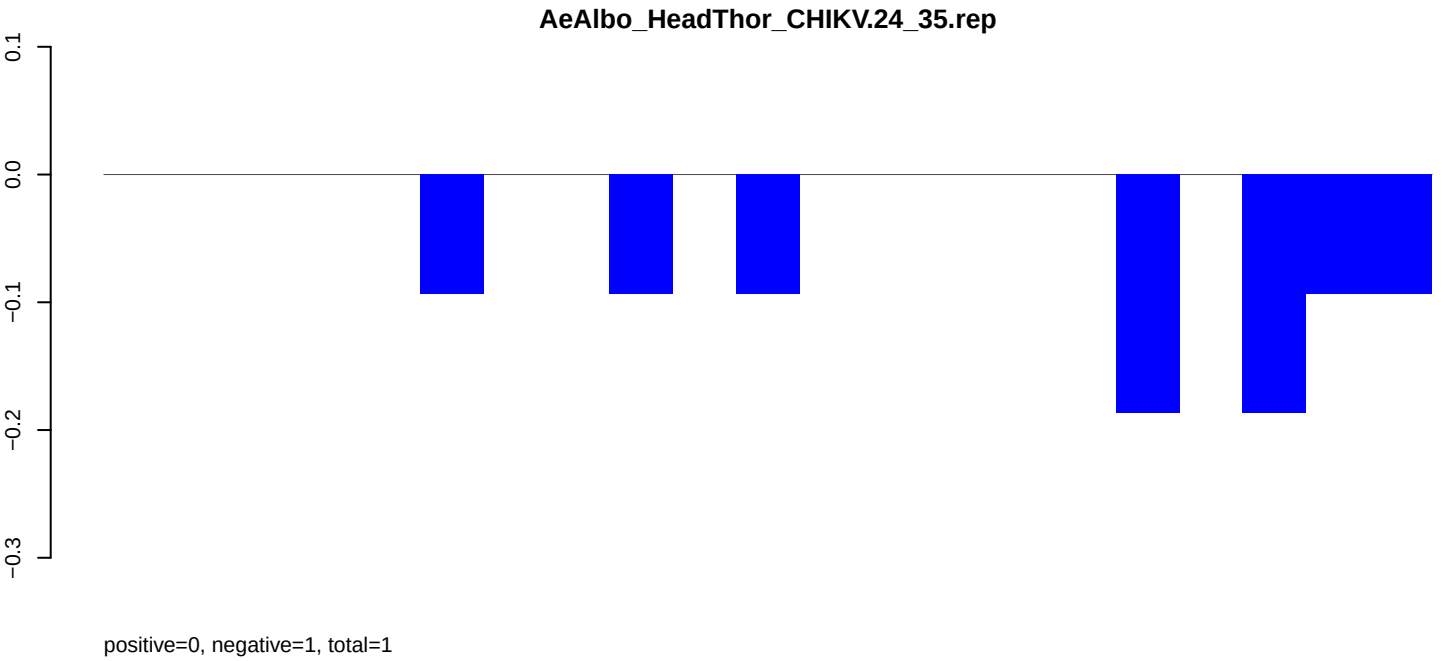

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=4, negative=1, total=5
Window size=25, length=1289, TE@rnd−1_family−337@Unknown:1−1289
0
200
400
600
800
1000
1200

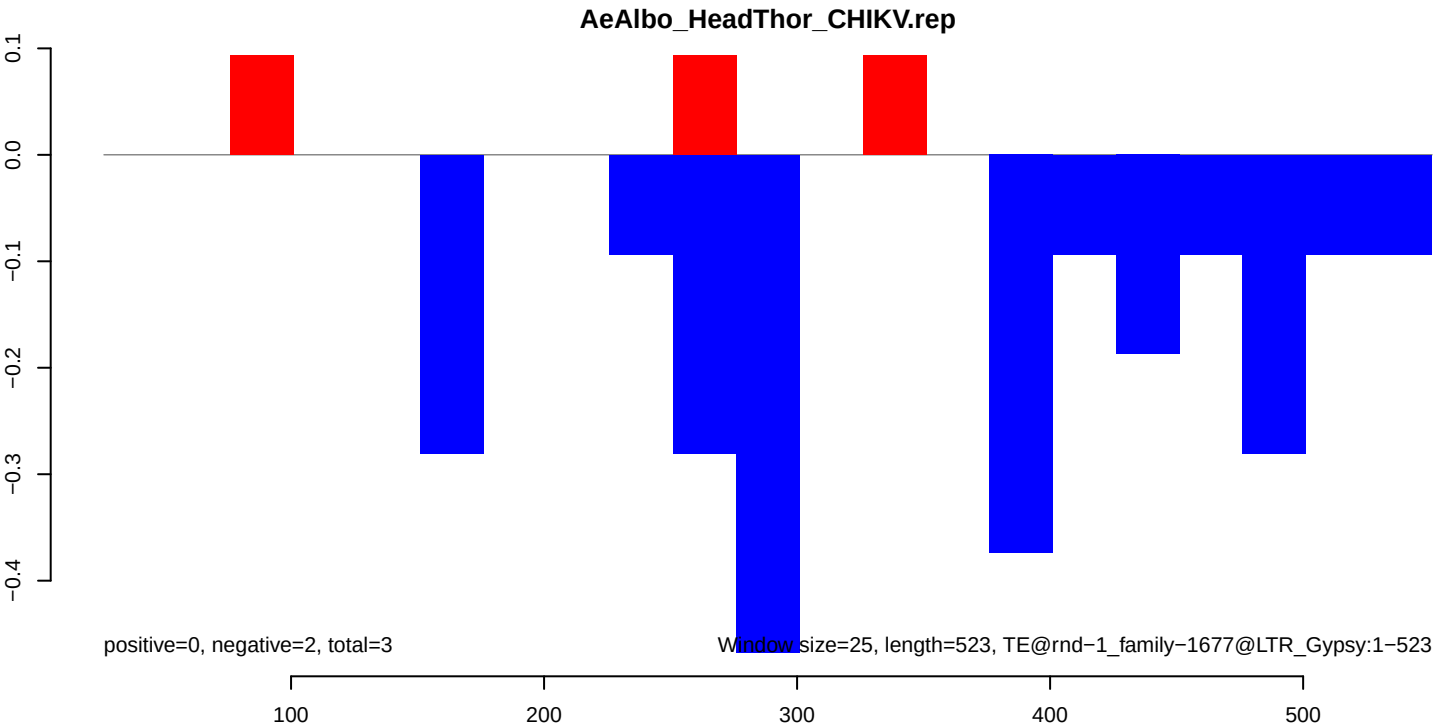

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=2, negative=4, total=5
Window size=25, length=901, TE@rnd−1_family−254@LINE_R1−LOA:1−901
0
200
400
600
800

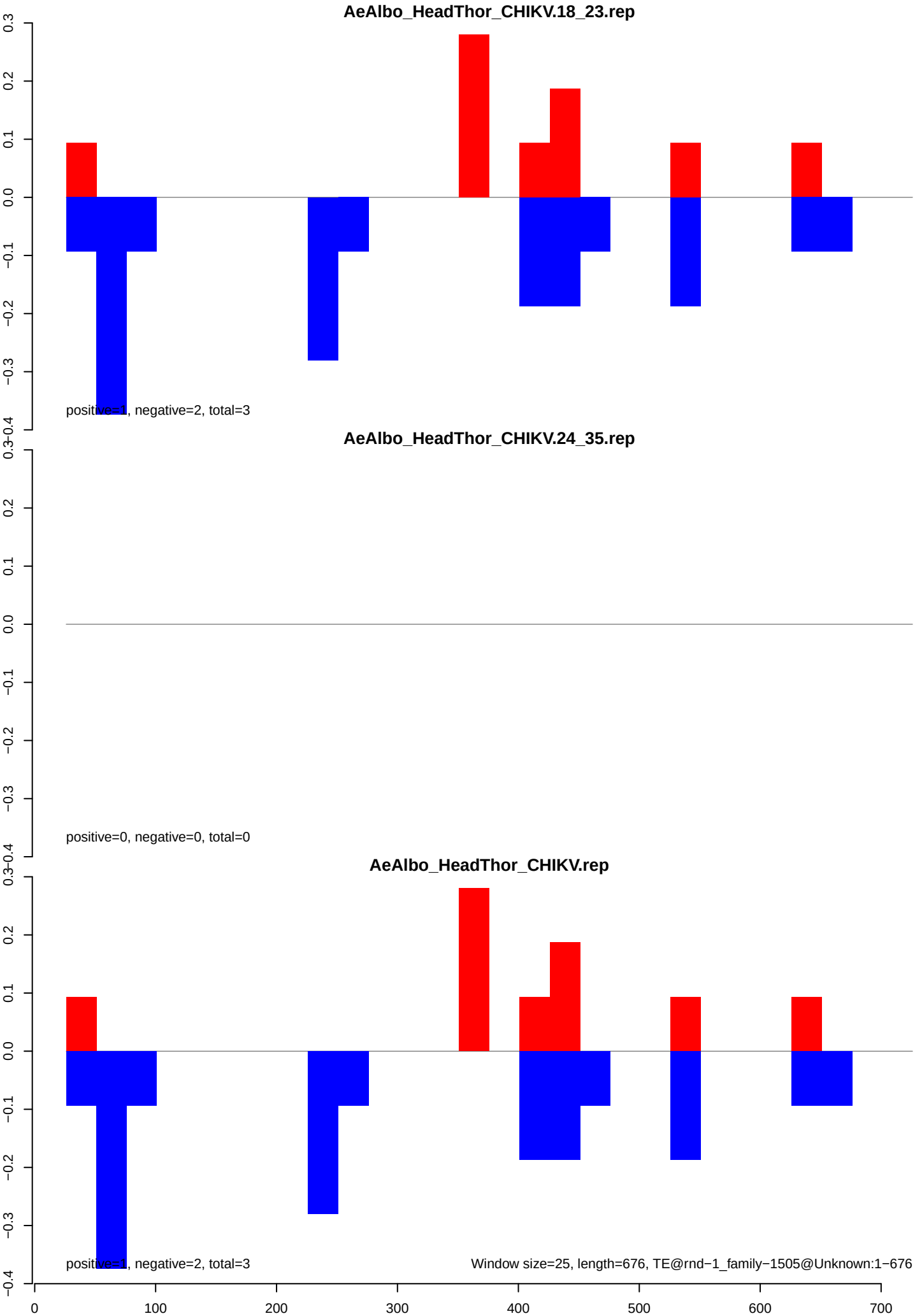

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=5, total=6
Window size=25, length=1177, TE@rnd−1_family−239@DNA_Sola−2:1−1177
0
200
400
600
800
1000
1200

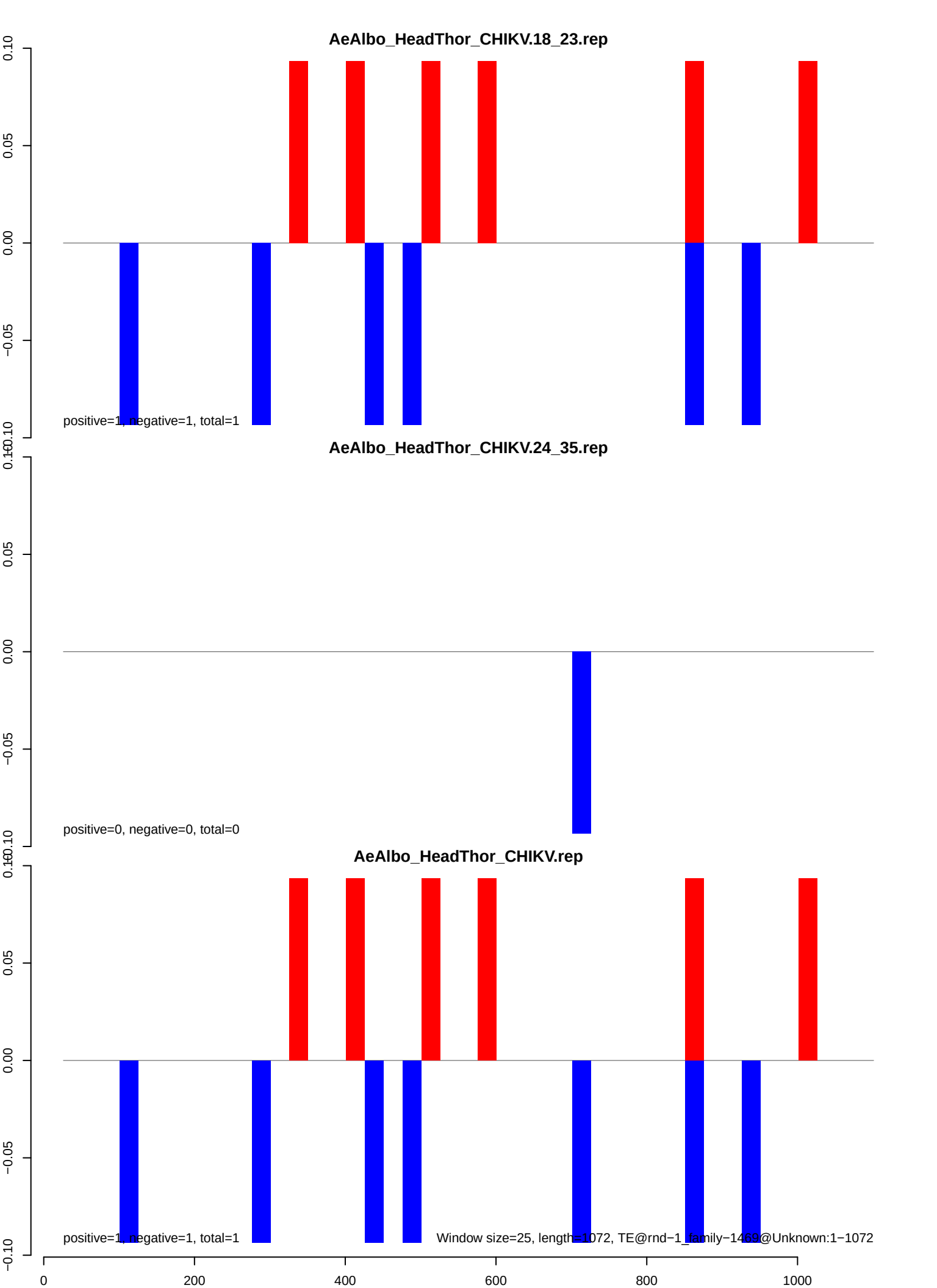

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=11, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.rep
positive=11, negative=13, total=23
Window size=25, length=738, TE@rnd−1_family−202@DNA_Zator:1−738
2
0
−2
−4
0
200
400
600
800

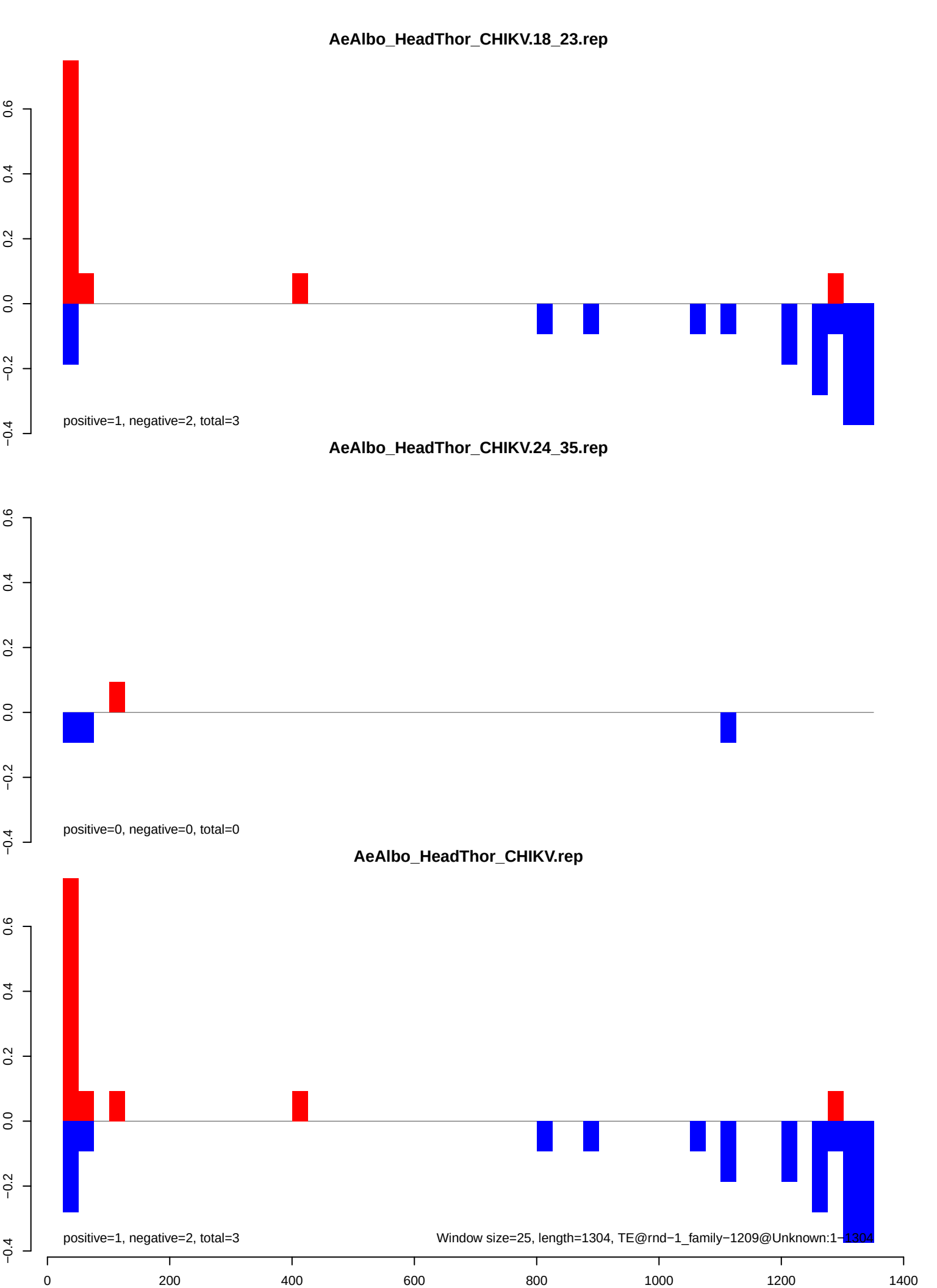

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=2

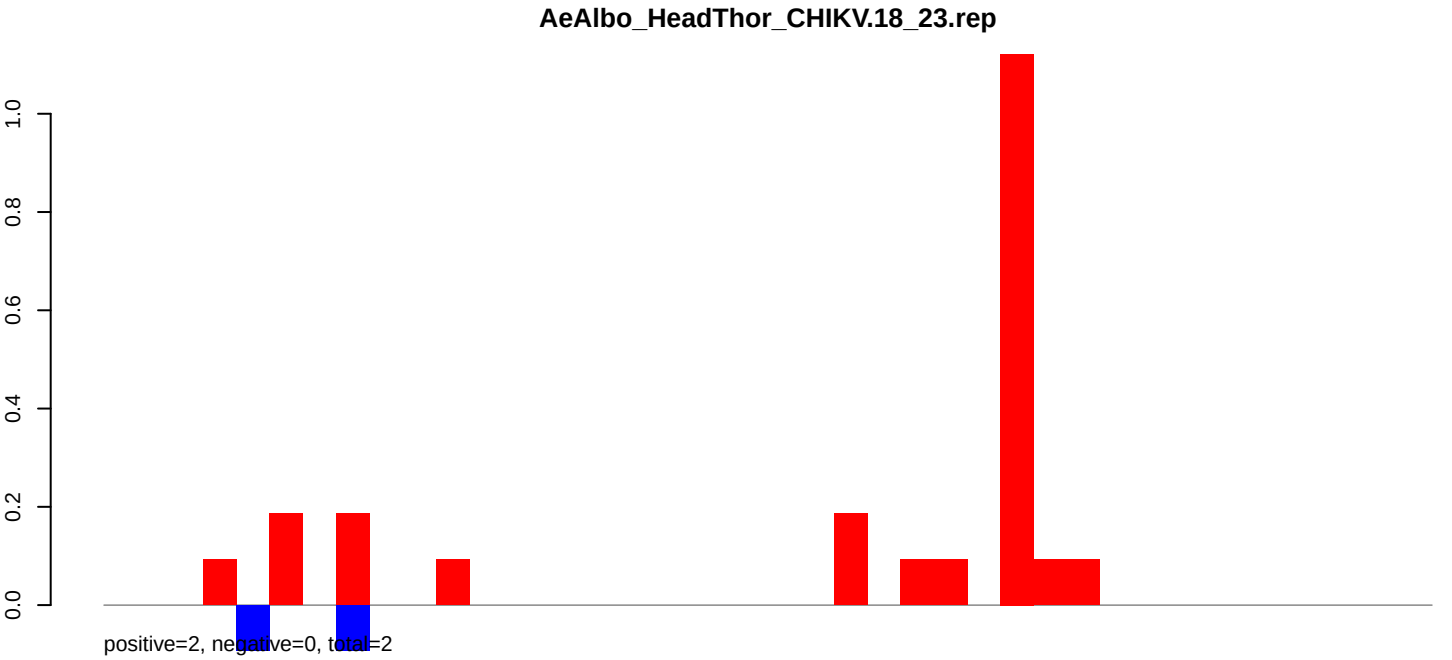

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1

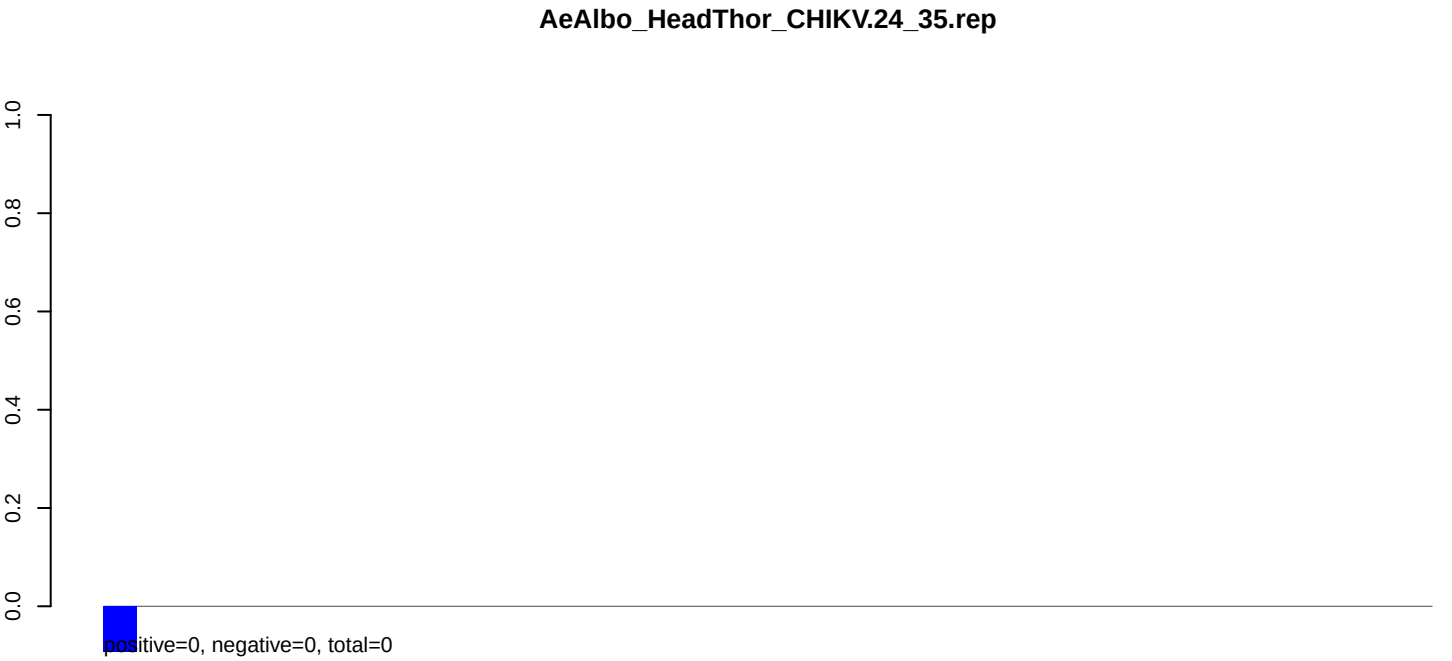

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=2, total=3
Window size=25, length=523, TE@rnd−1_family−1677@LTR_Gypsy:1−523
100
200
300
400
500

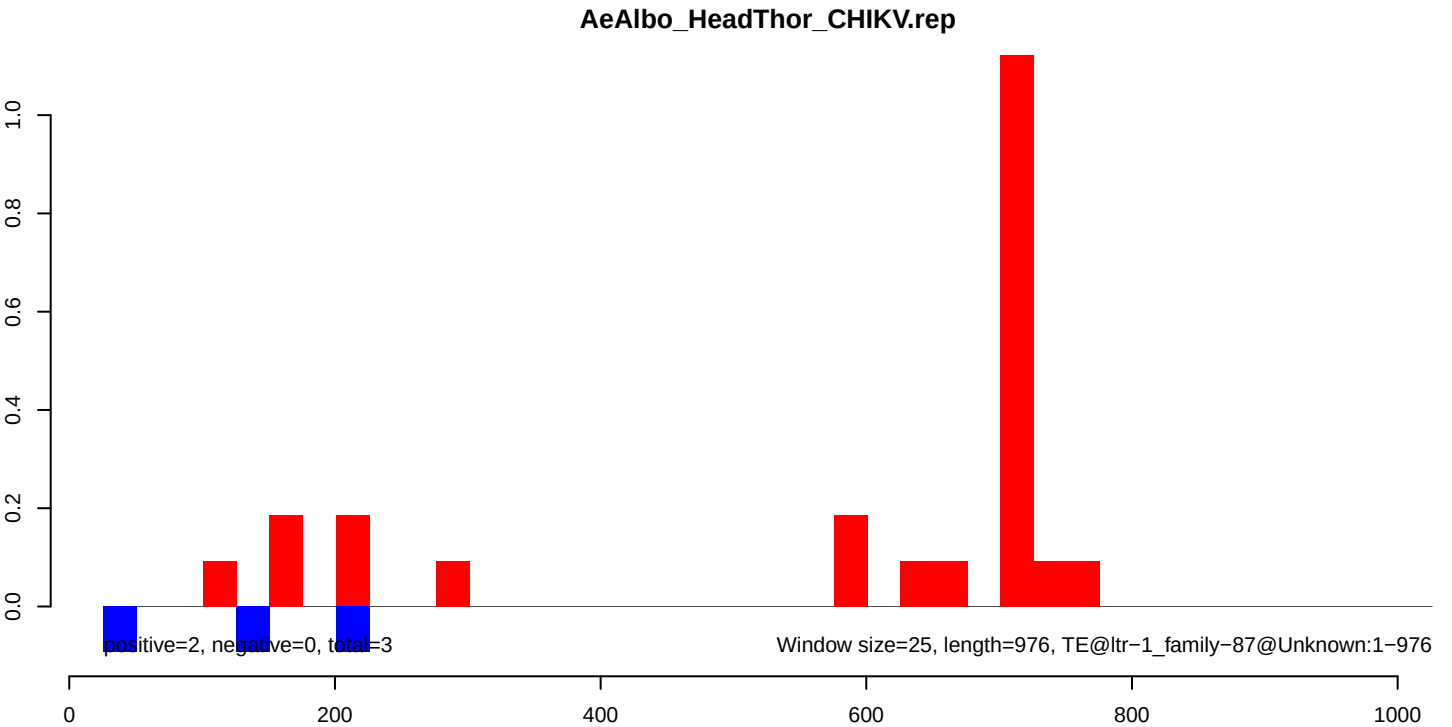

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=676, TE@rnd−1_family−1505@Unknown:1−676
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
100
200
300
400
500
600
700

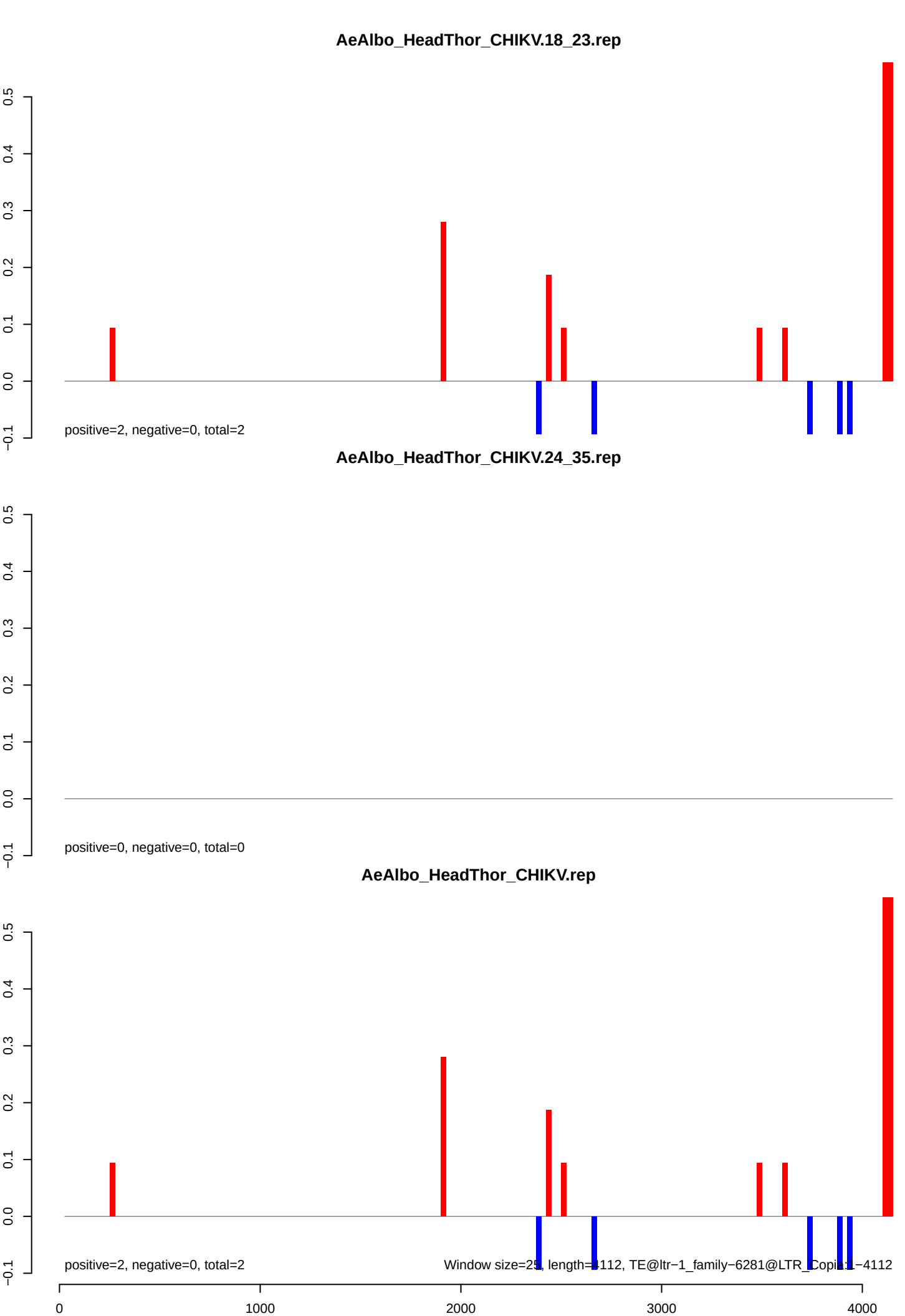

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=1
Window size=25, length=1072, TE@rnd−1_family−1469@Unknown:1−1072
0
200
400
600
800
1000

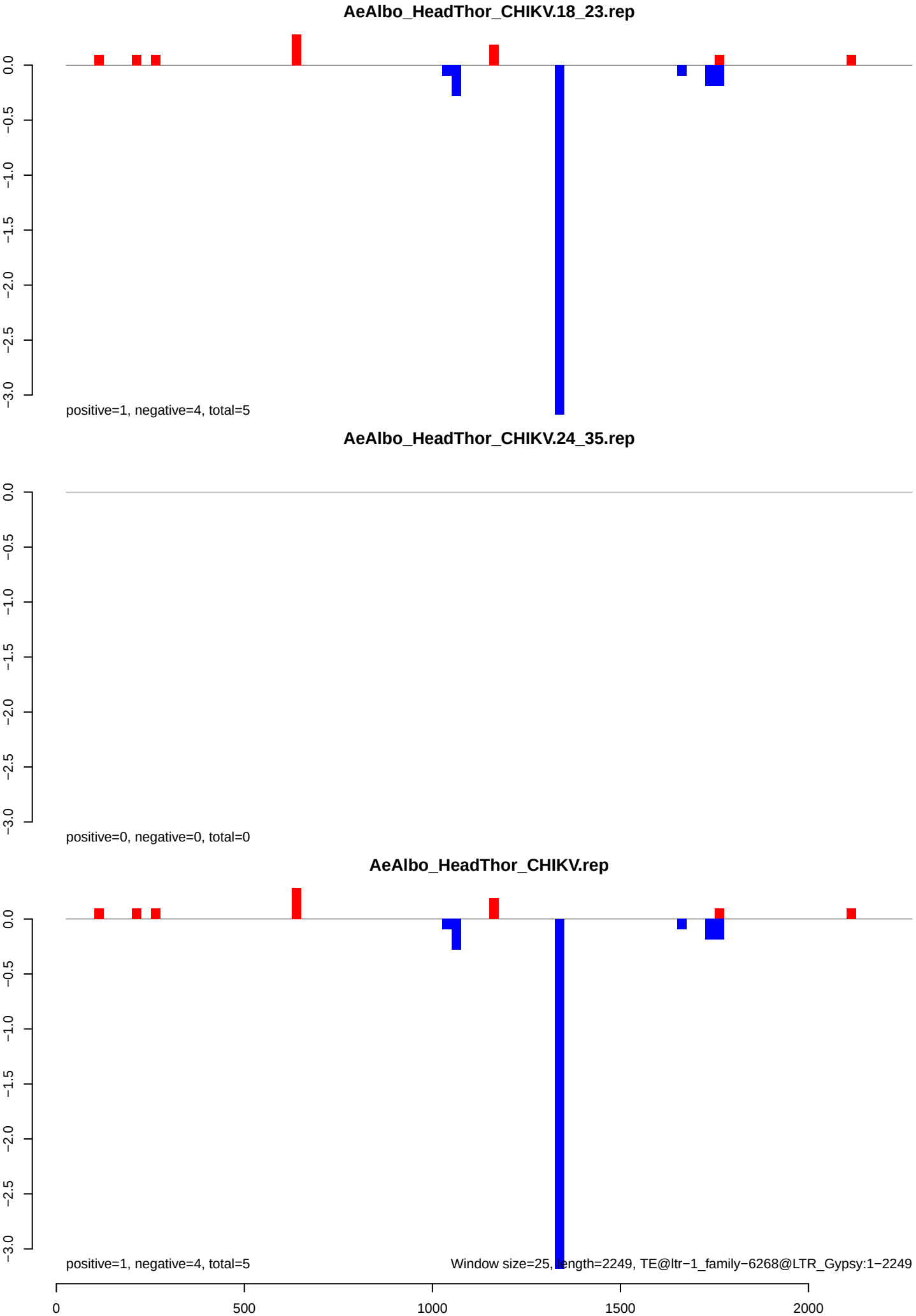

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=1304, TE@rnd−1_family−1209@Unknown:1−1304
0.6
0.4
0.2
0.0
−0.2
−0.4
0
200
400
600
800
1000
1200
1400

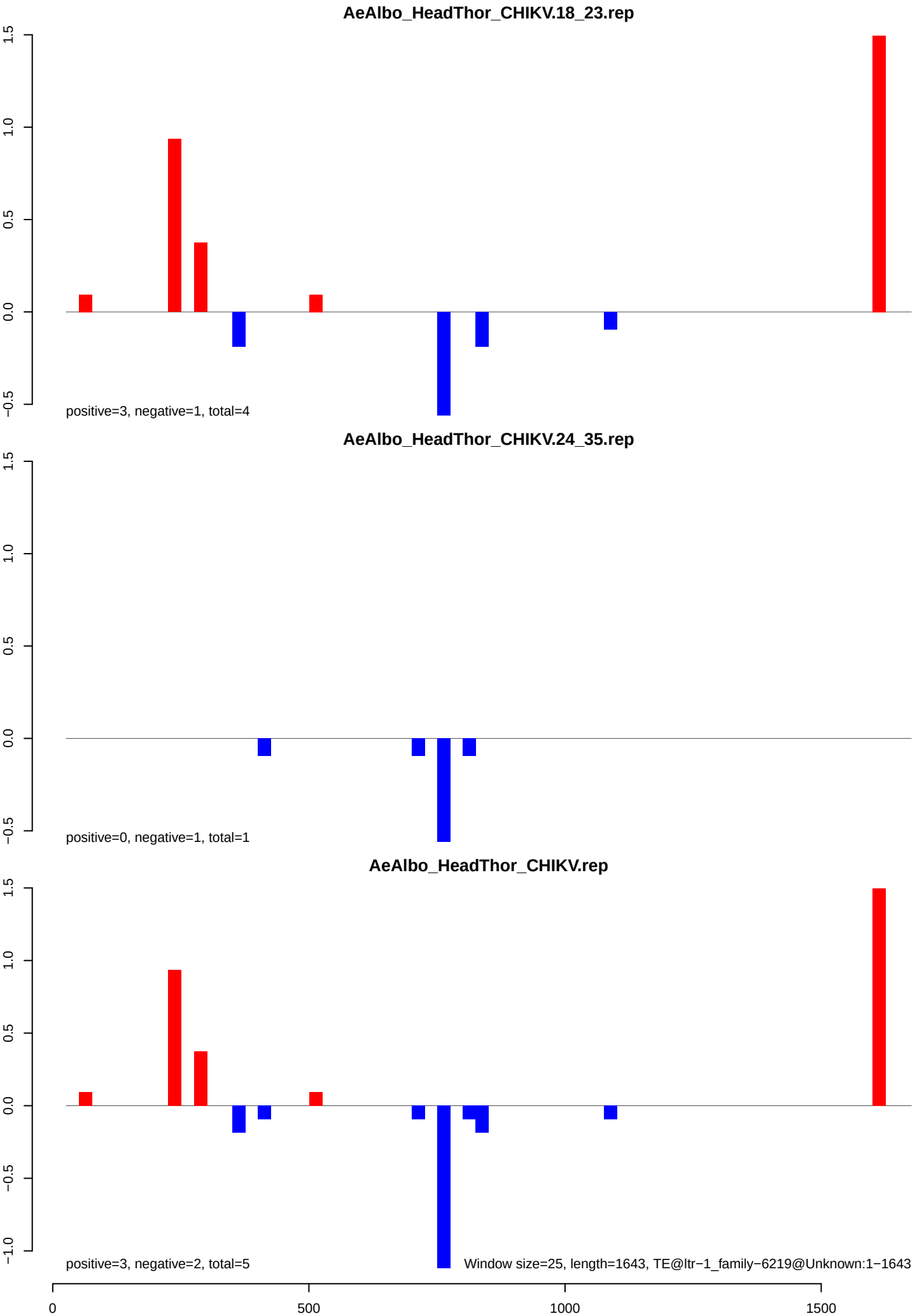

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=2

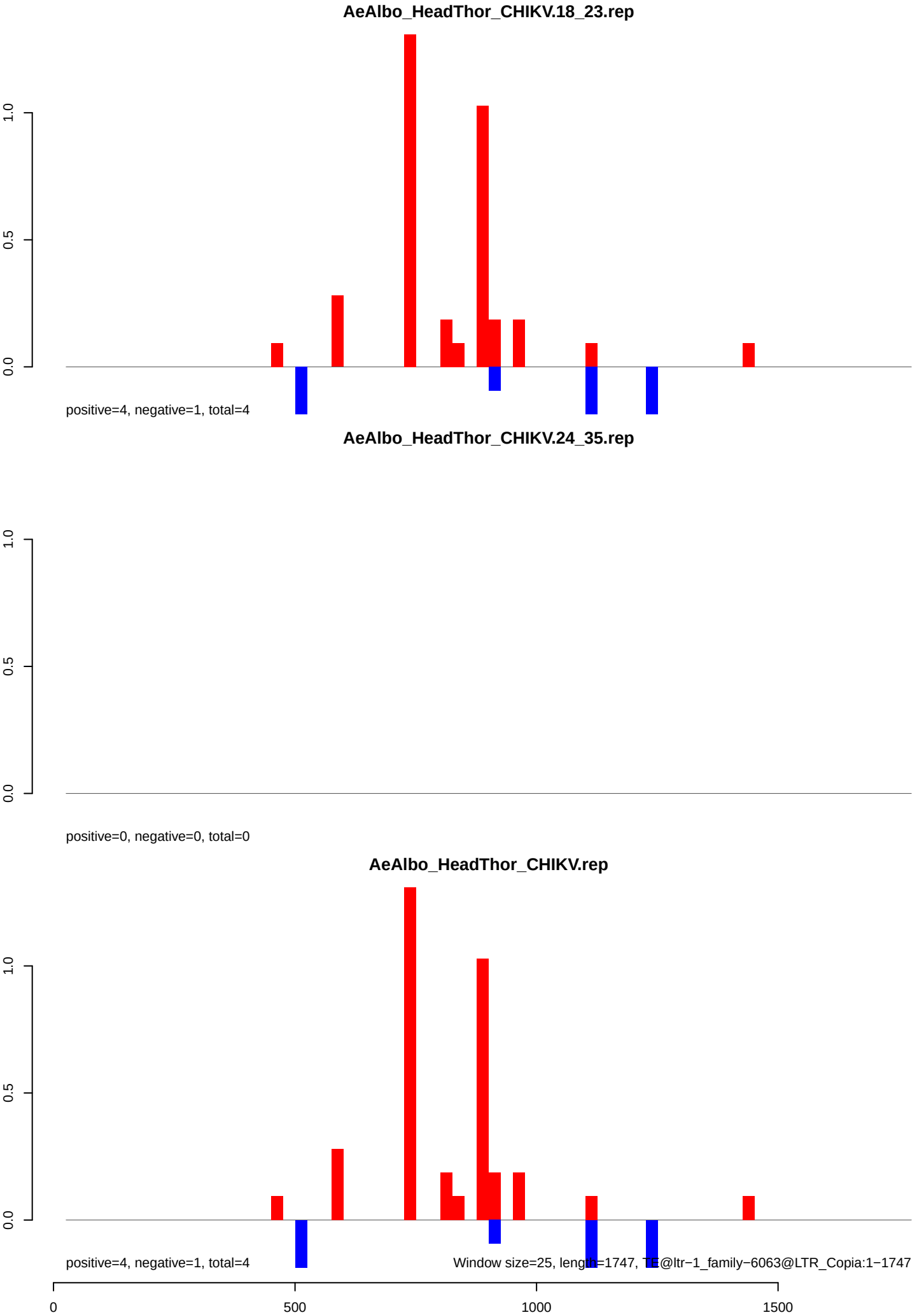

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=0, negative=0, total=0

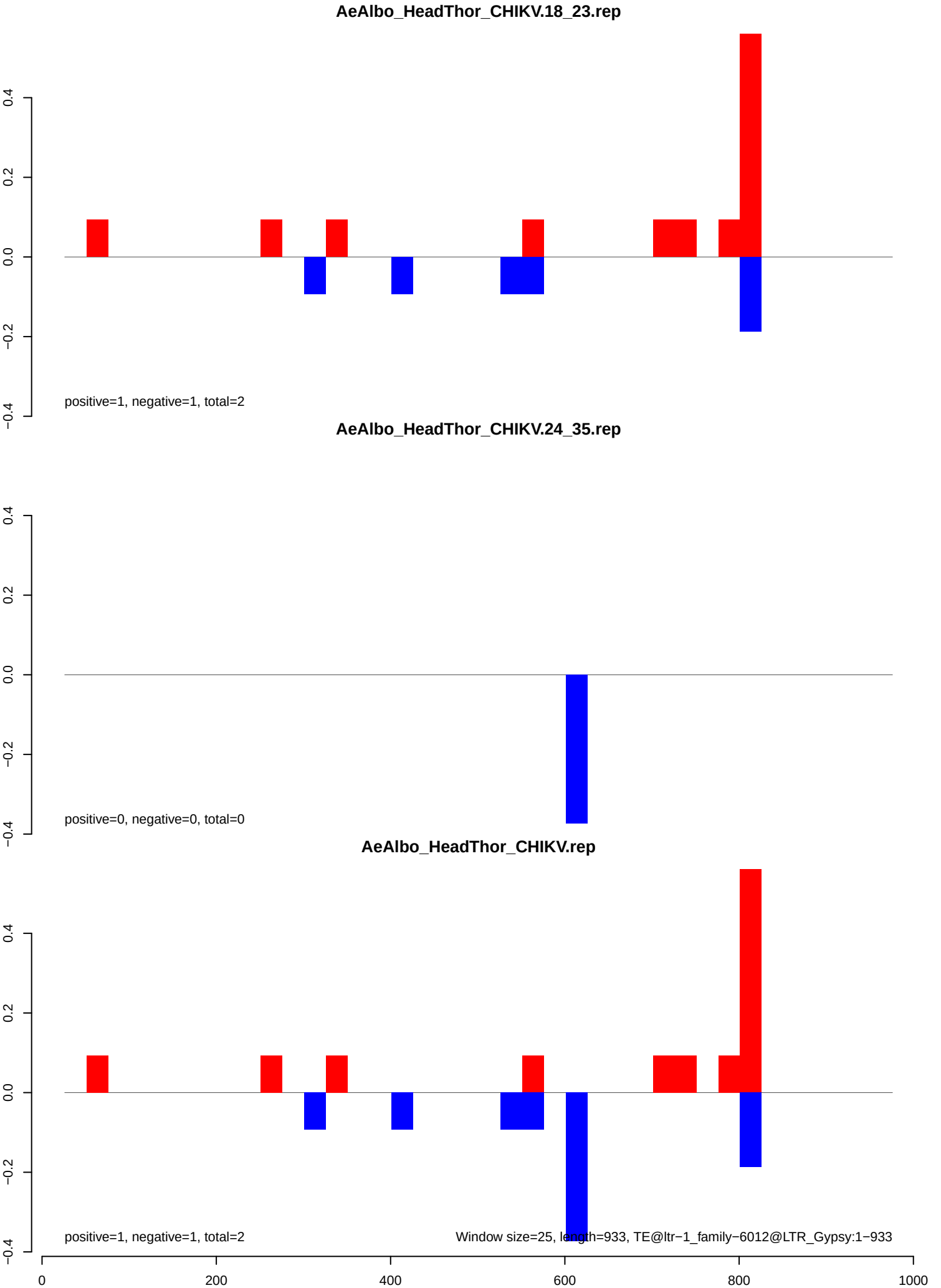

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=3
Window size=25, length=976, TE@ltr−1_family−87@Unknown:1−976
0
200
400
600
800
1000

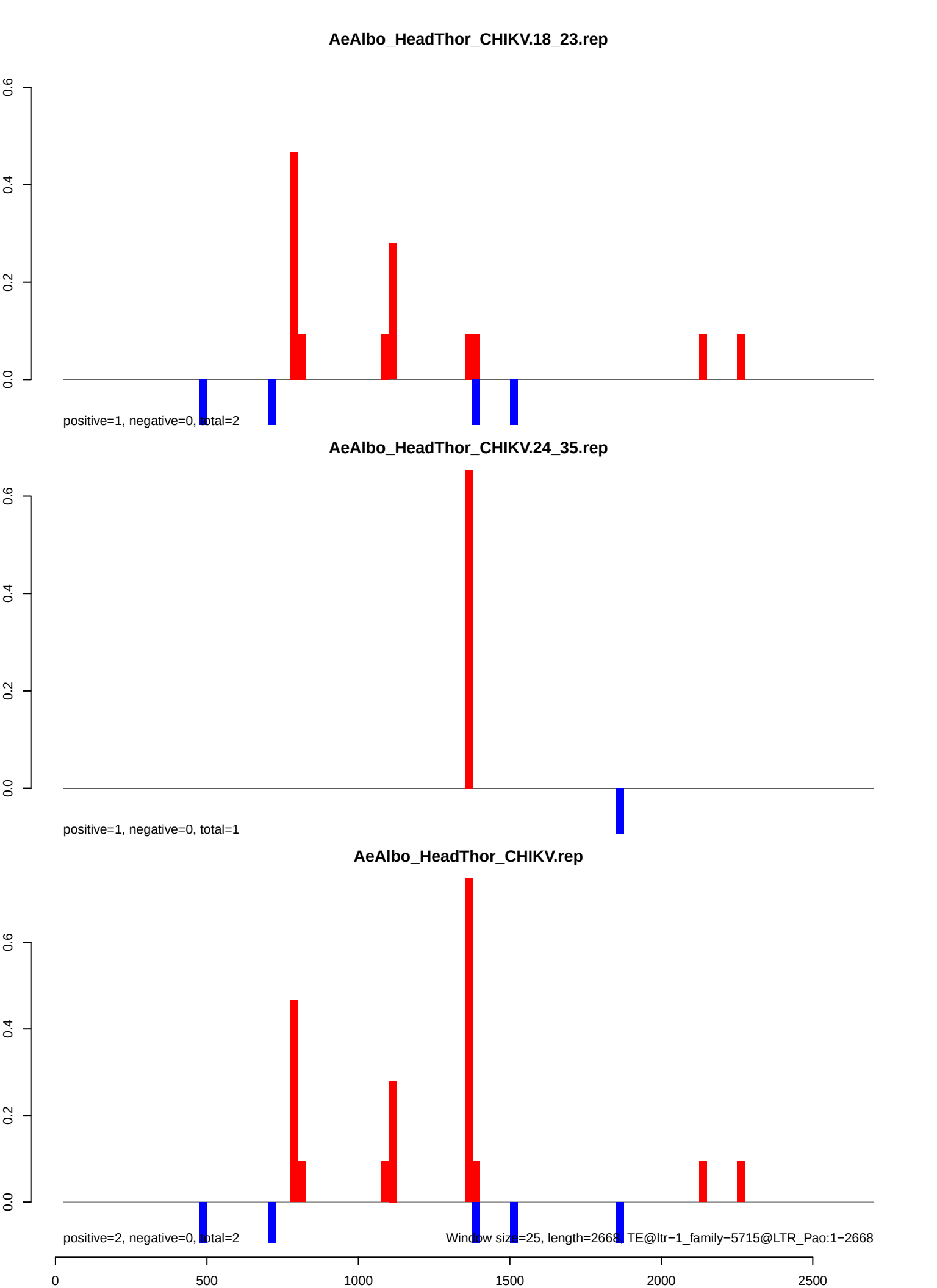

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=0, total=2
Window size=25, length=4112, TE@ltr−1_family−6281@LTR_Copia:1−4112
0
1000
2000
3000
4000

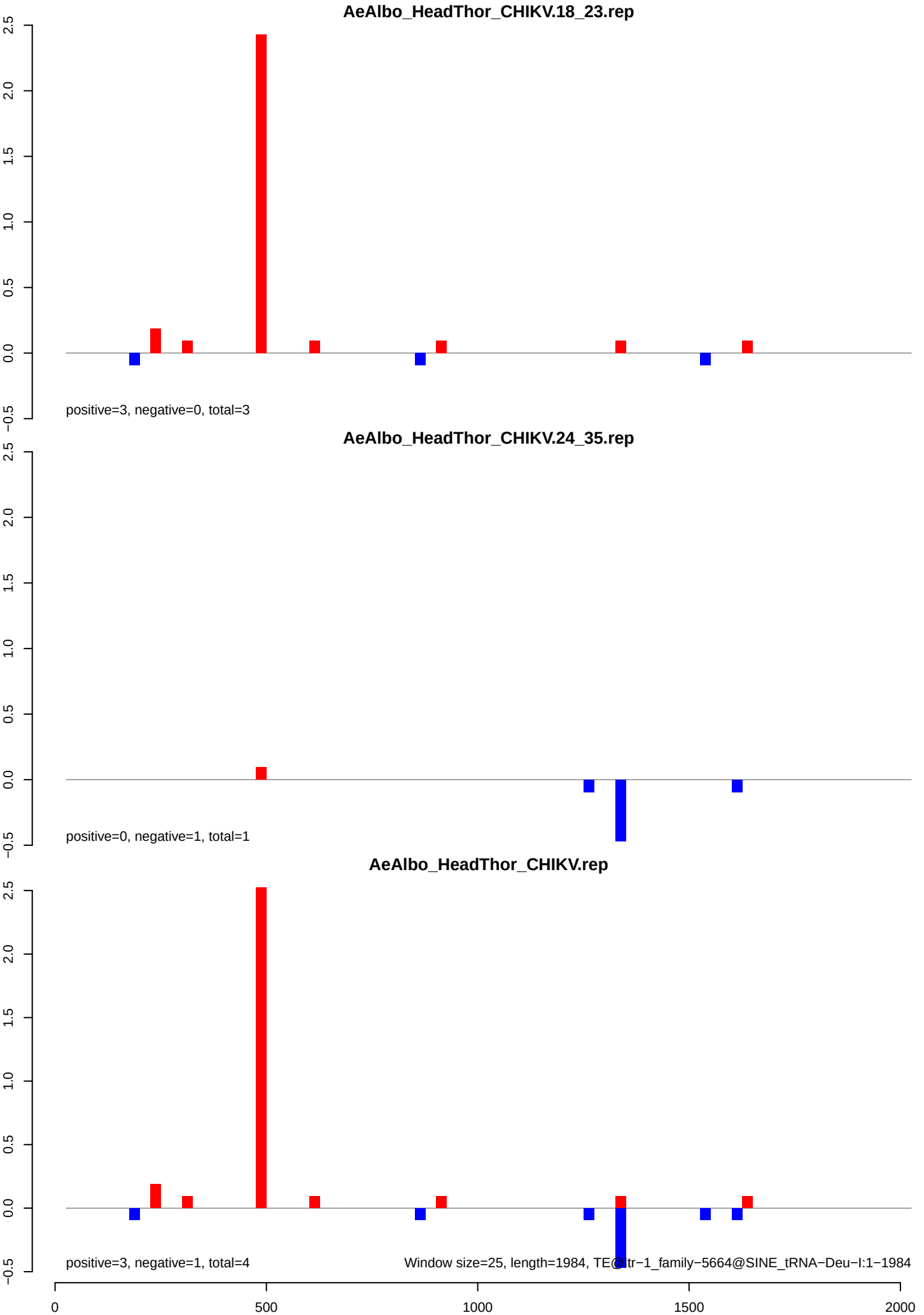

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=1, negative=4, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=4, total=5
Window size=25, length=2249, TE@ltr−1_family−6268@LTR_Gypsy:1−2249
0
500
1000
1500
2000

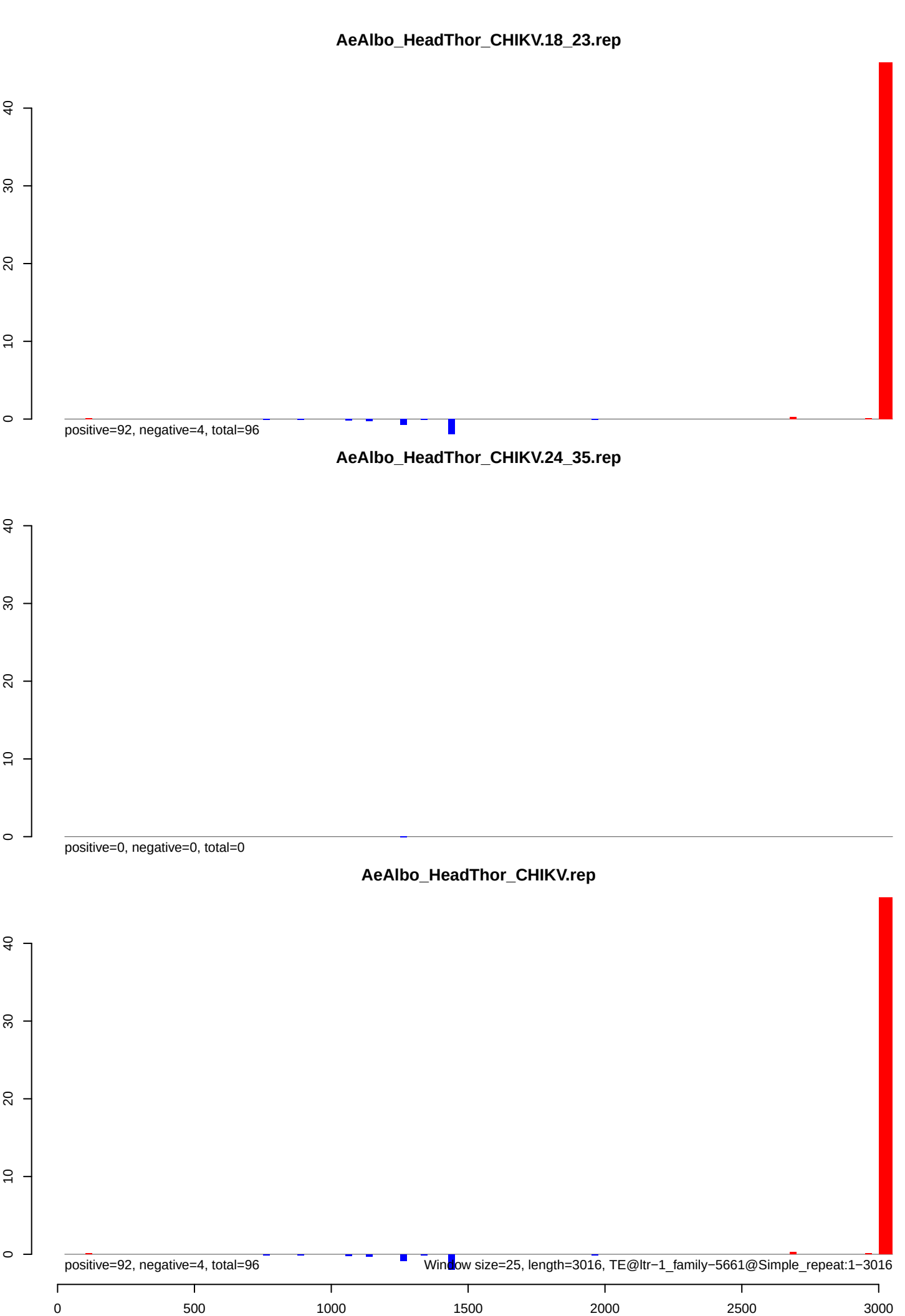

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=1643, TE@ltr−1_family−6219@Unknown:1−1643
1.5
1.0
0.5
0.0
−0.5
−1.0
0
500
1000
1500

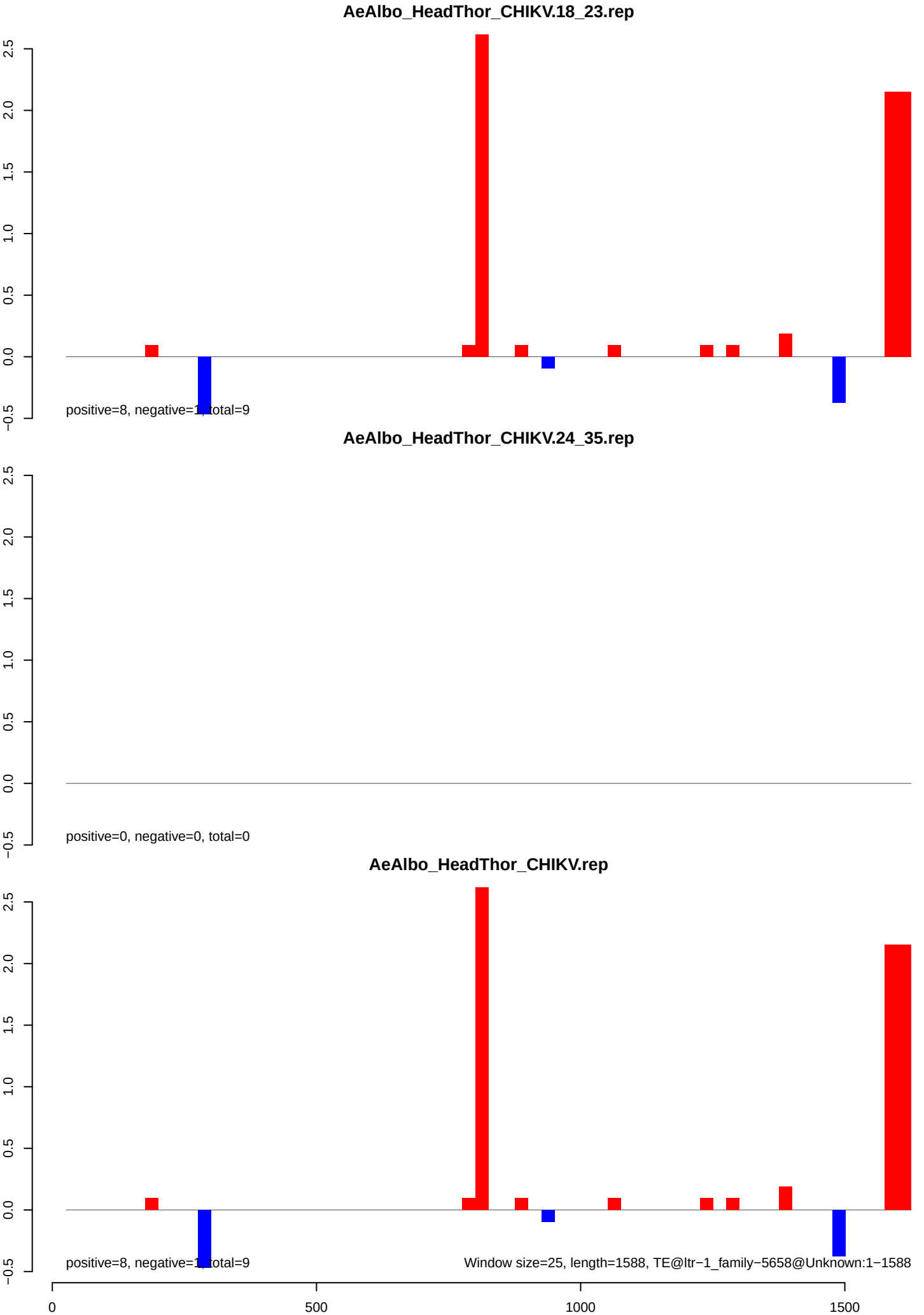

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=4, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=4, negative=1, total=4
Window size=25, length=1747, TE@ltr−1_family−6063@LTR_Copia:1−1747
0
500
1000
1500

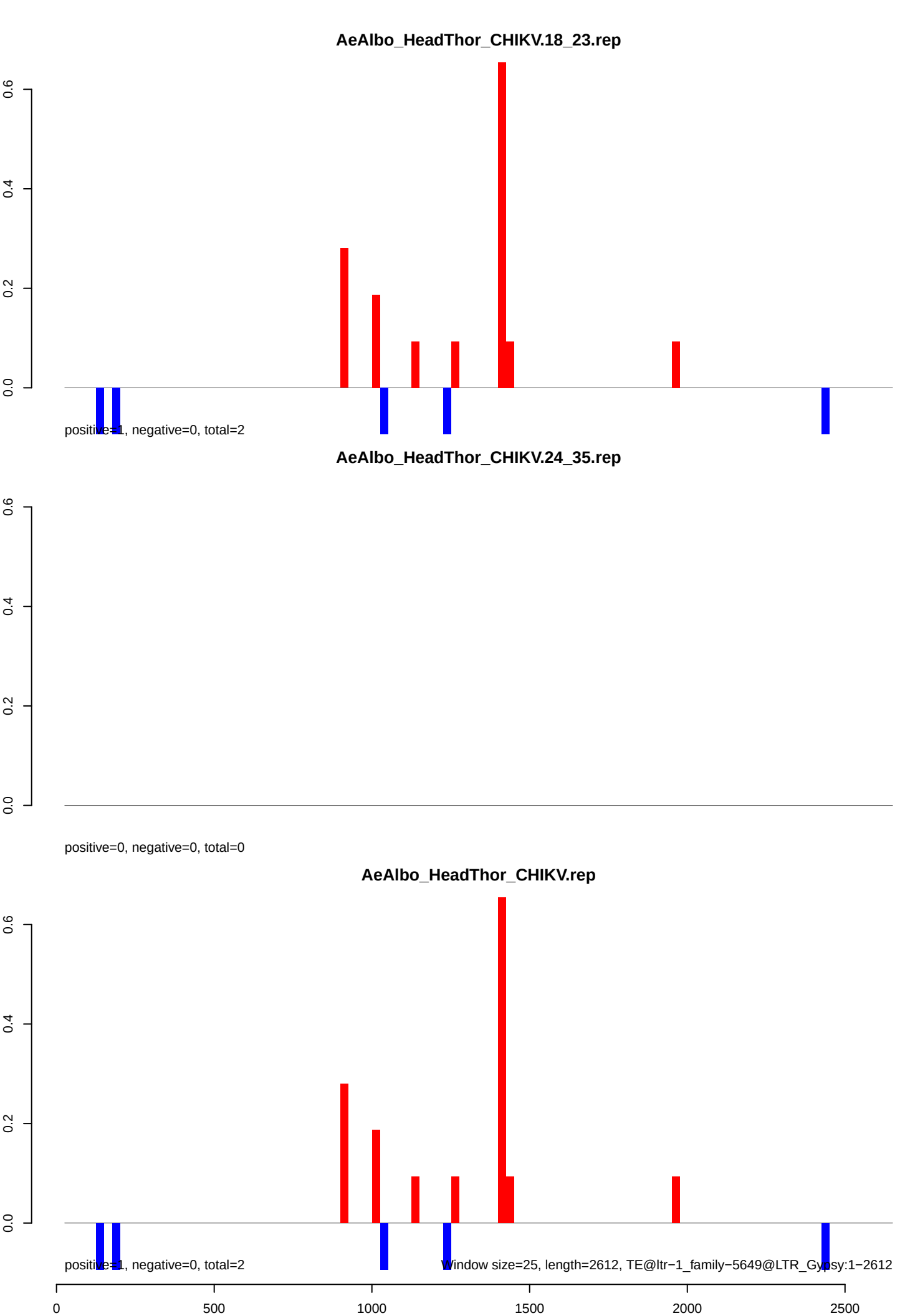

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=933, TE@ltr−1_family−6012@LTR_Gypsy:1−933
0
200
400
600
800
1000

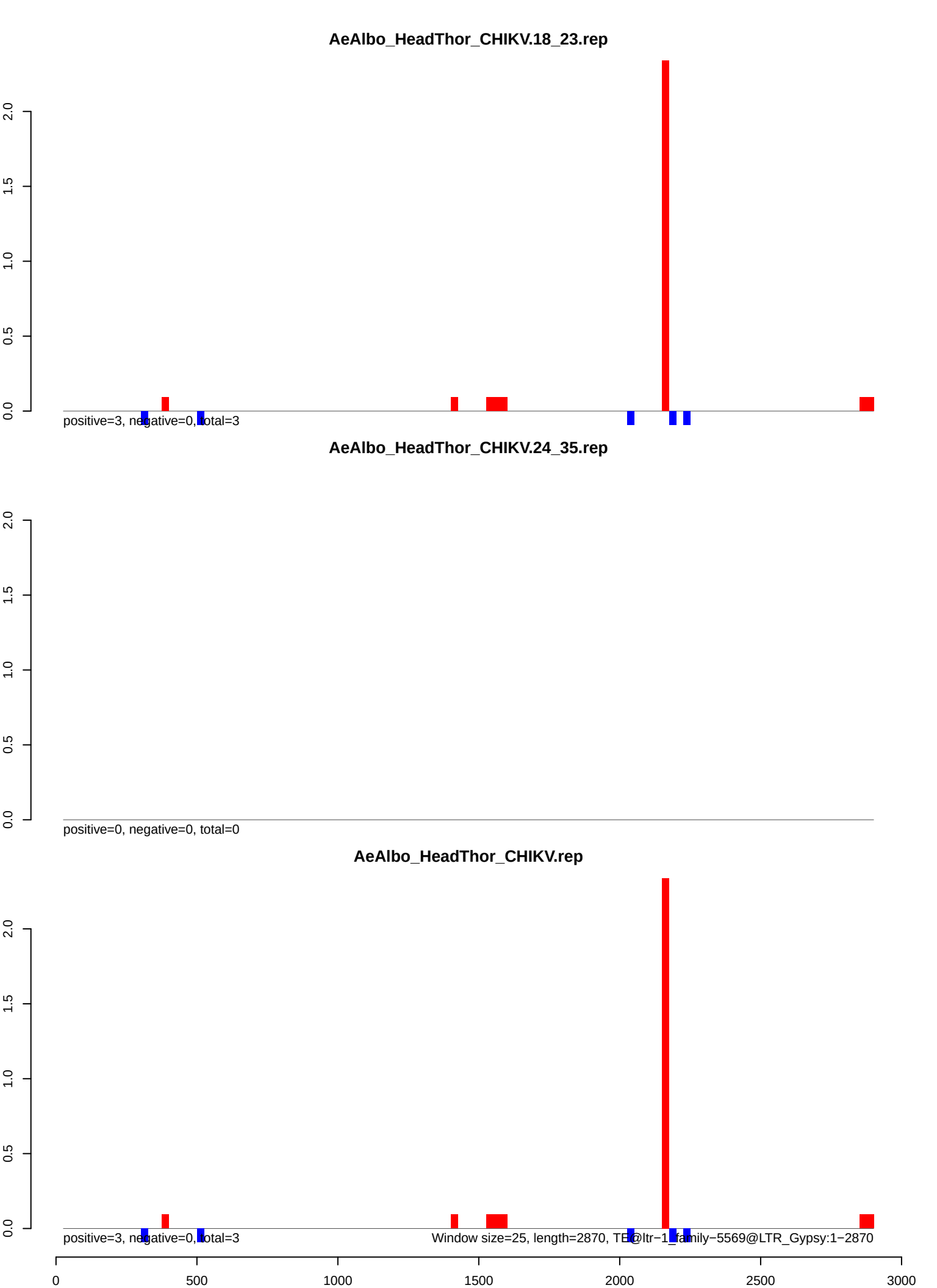

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=2, negative=0, total=2
Window size=25, length=2668, TE@ltr−1_family−5715@LTR_Pao:1−2668
0
500
1000
1500
2000
2500

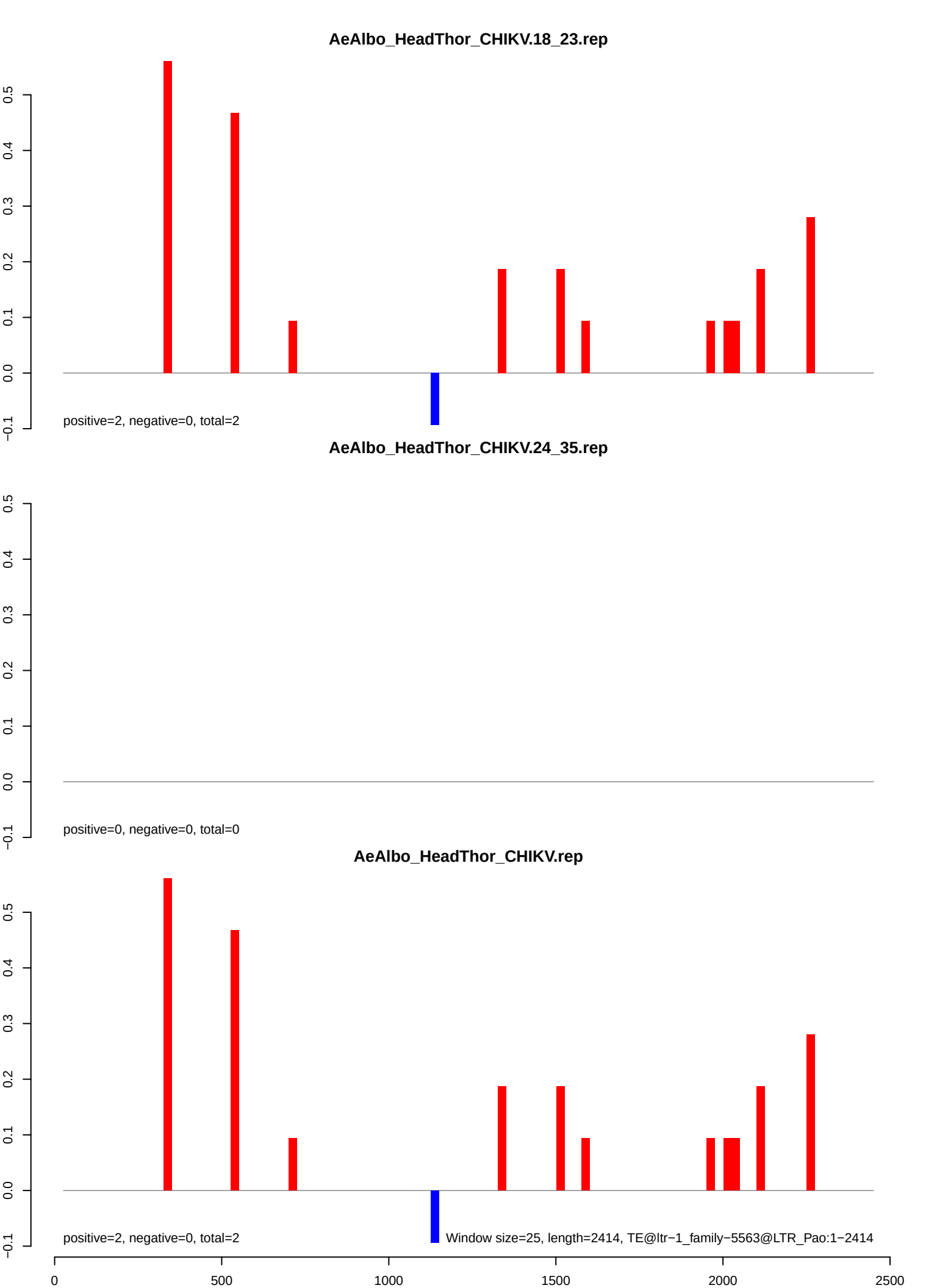

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=1984, TE@ltr−1_family−5664@SINE_tRNA−Deu−I:1−1984
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
500
1000
1500
2000

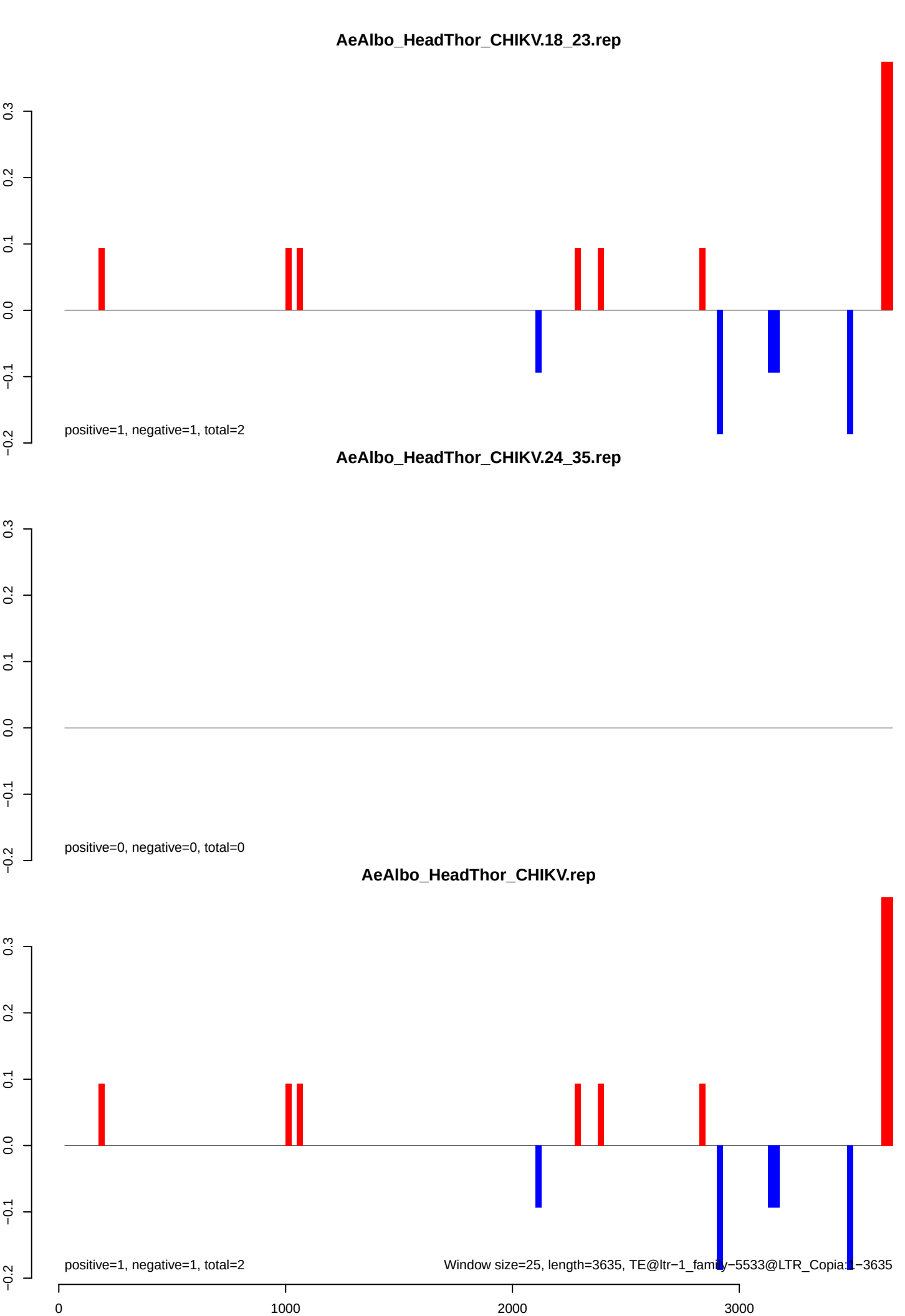

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=92, negative=4, total=96
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=92, negative=4, total=96
Window size=25, length=3016, TE@ltr−1_family−5661@Simple_repeat:1−3016
0
500
1000
1500
2000
2500
3000

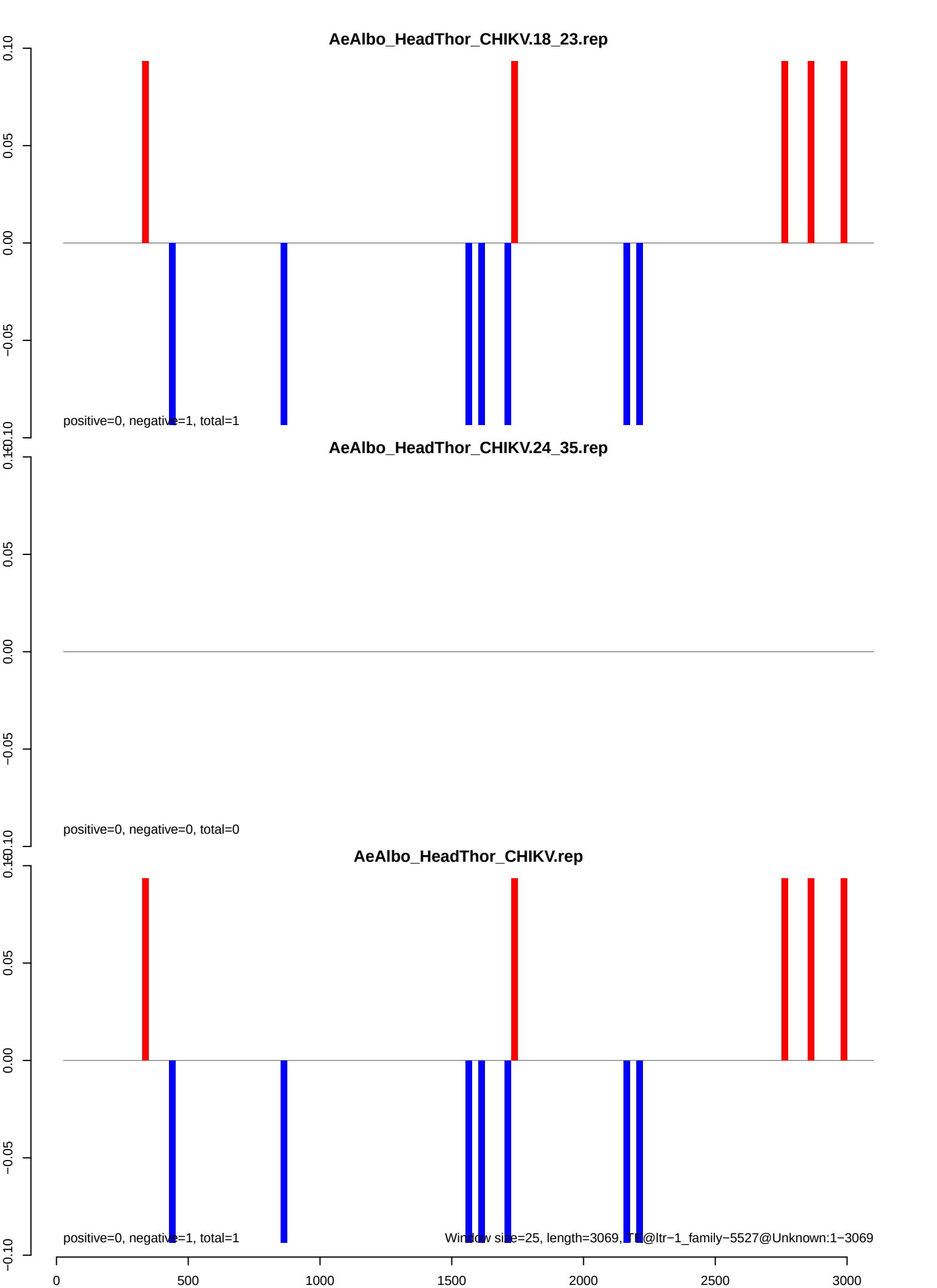

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=8, negative=1, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=1, total=9
Window size=25, length=1588, TE@ltr−1_family−5658@Unknown:1−1588
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
500
1000
1500

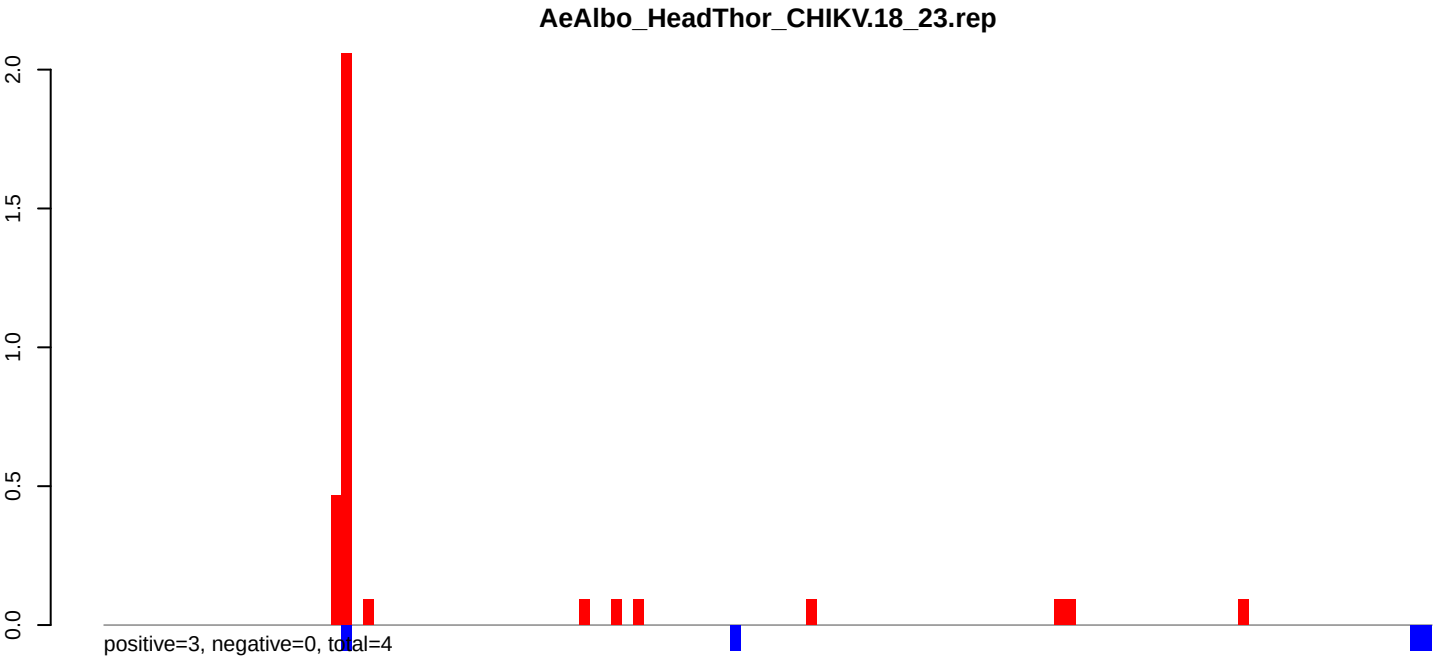

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=2
Window size=25, length=2612, TE@ltr−1_family−5649@LTR_Gypsy:1−2612
0
500
1000
1500
2000
2500

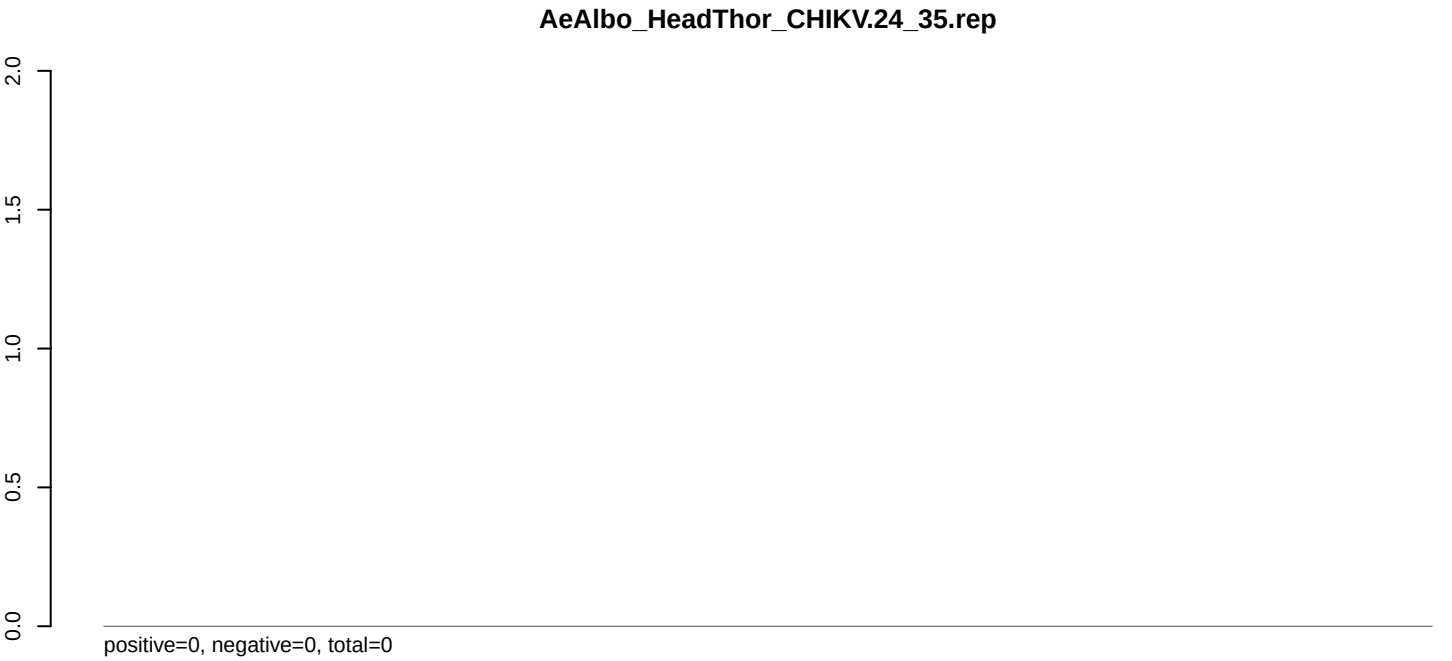

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=0, total=3
Window size=25, length=2870, TE@ltr−1_family−5569@LTR_Gypsy:1−2870
0.0
0.5
1.0
1.5
2.0
0
500
1000
1500
2000
2500
3000

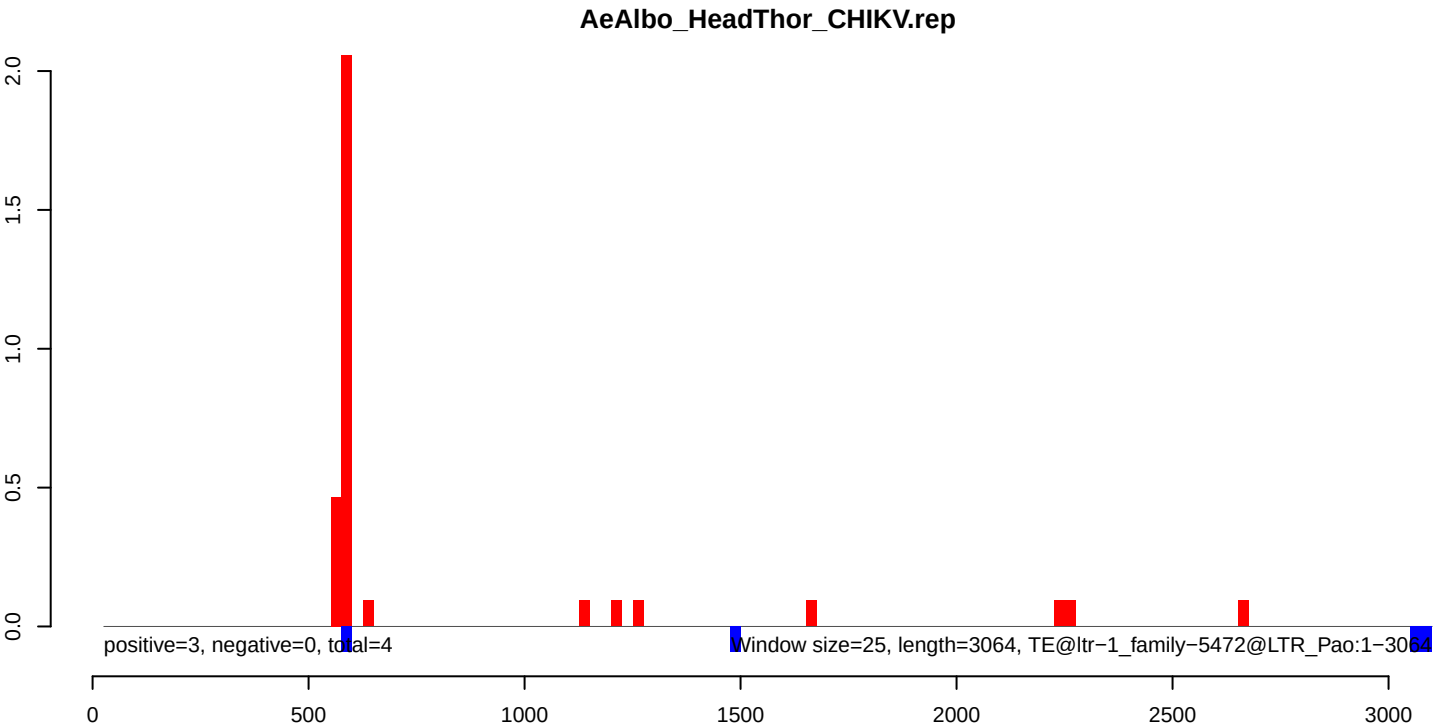

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=0, total=2
Window size=25, length=2414, TE@ltr−1_family−5563@LTR_Pao:1−2414
0
500
1000
1500
2000
2500

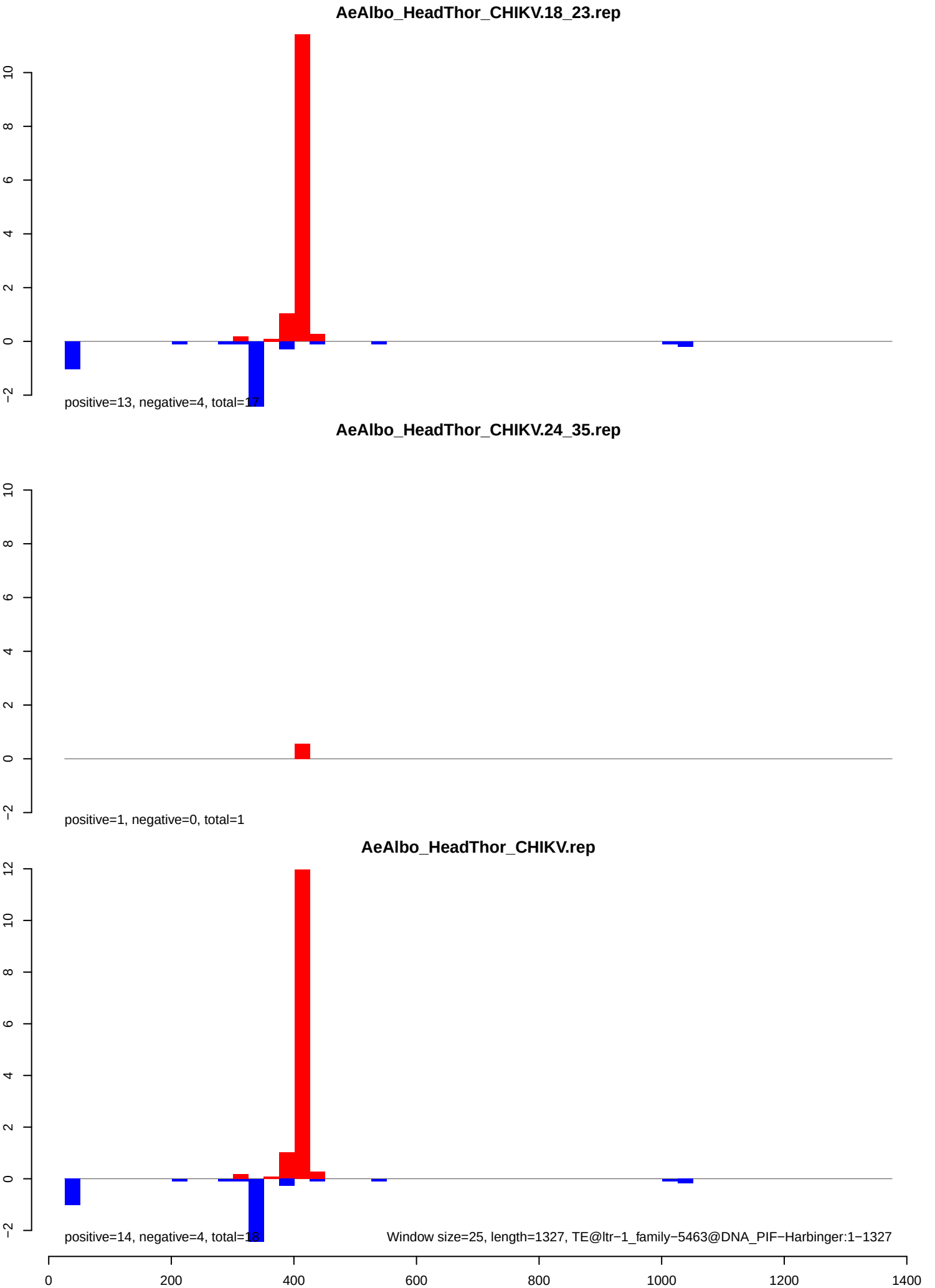

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=3635, TE@ltr−1_family−5533@LTR_Copia:1−3635
0
1000
2000
3000

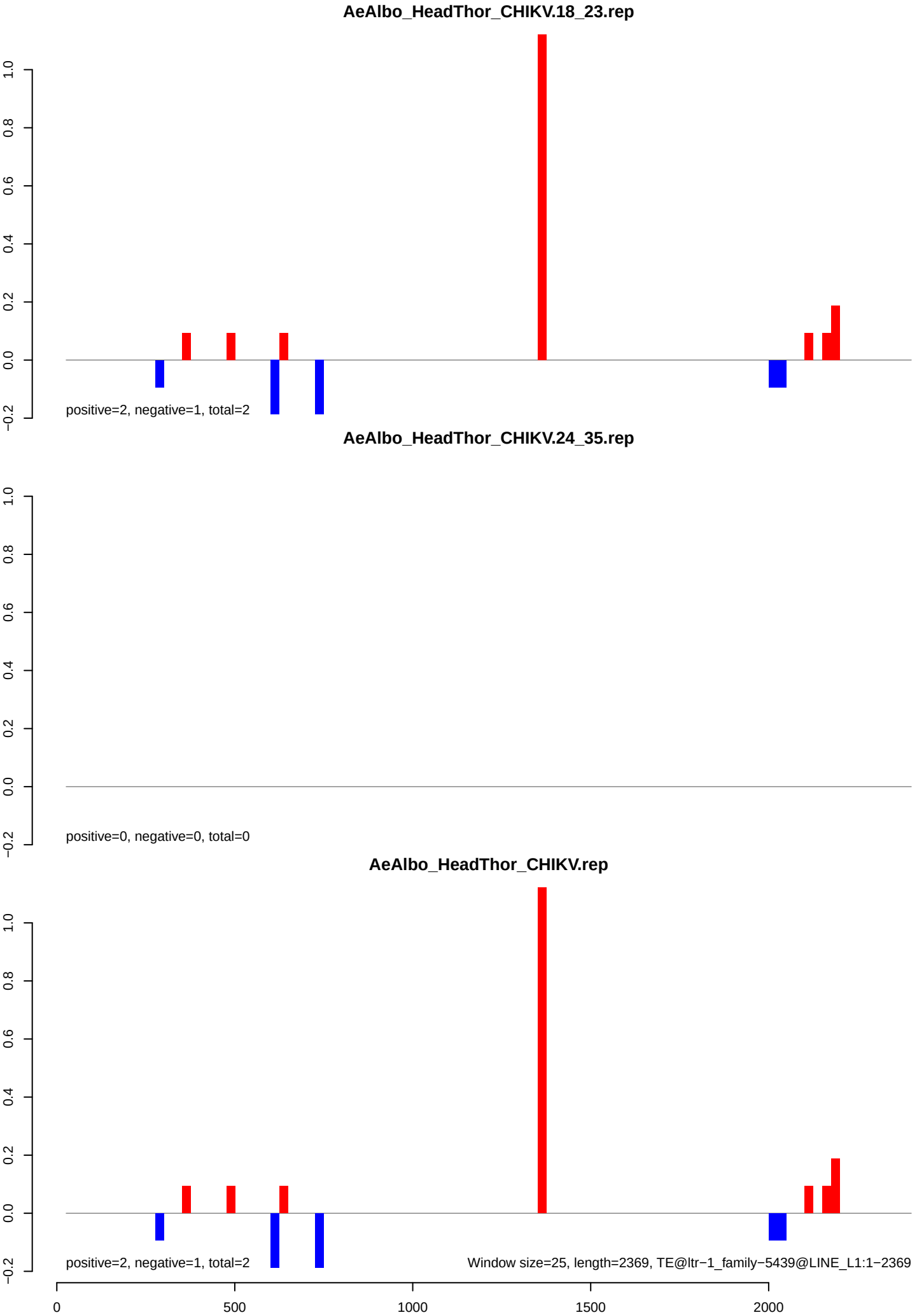

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=1, total=1
Window size=25, length=3069, TE@ltr−1_family−5527@Unknown:1−3069
0
500
1000
1500
2000
2500
3000

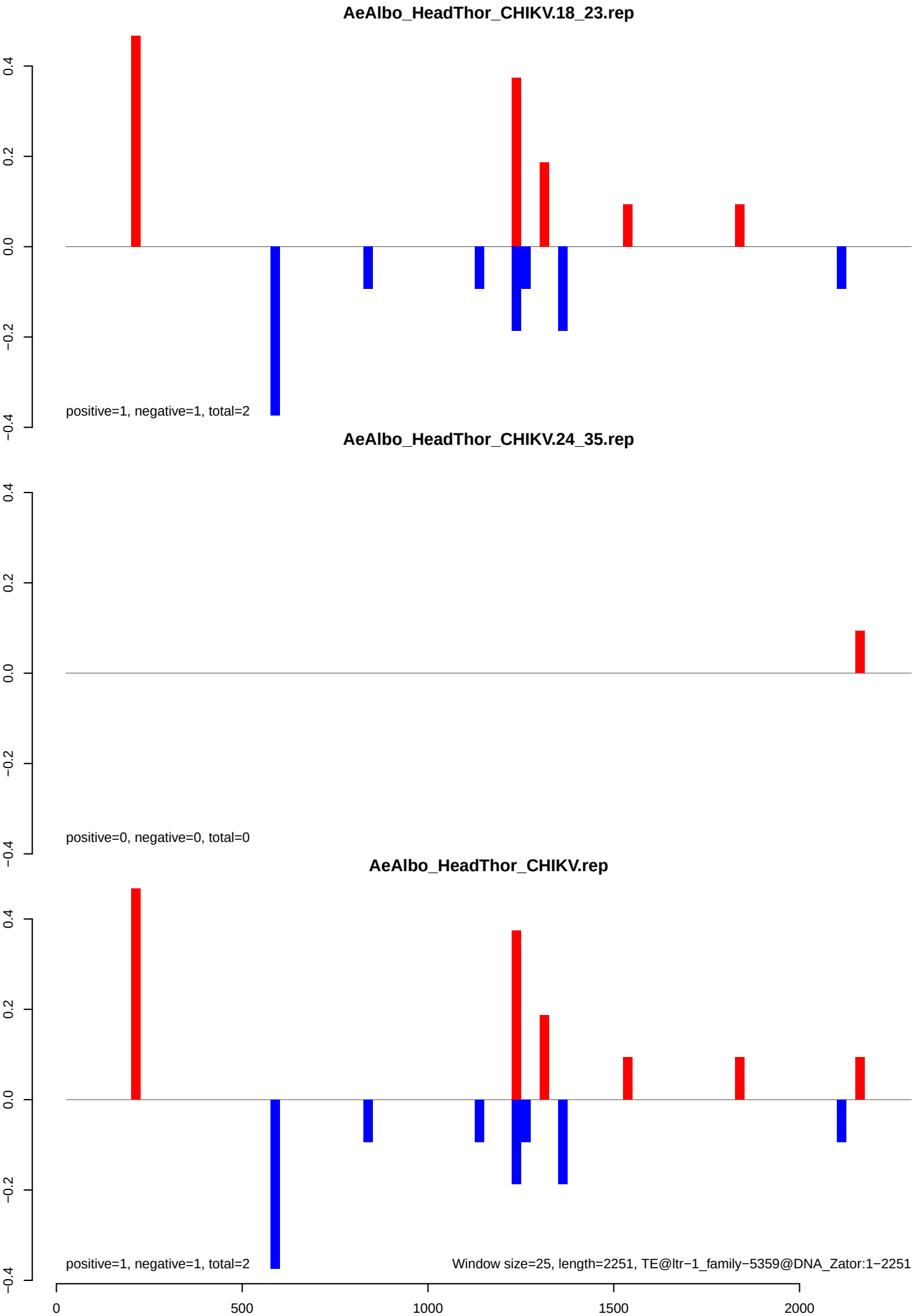

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=3, negative=0, total=4

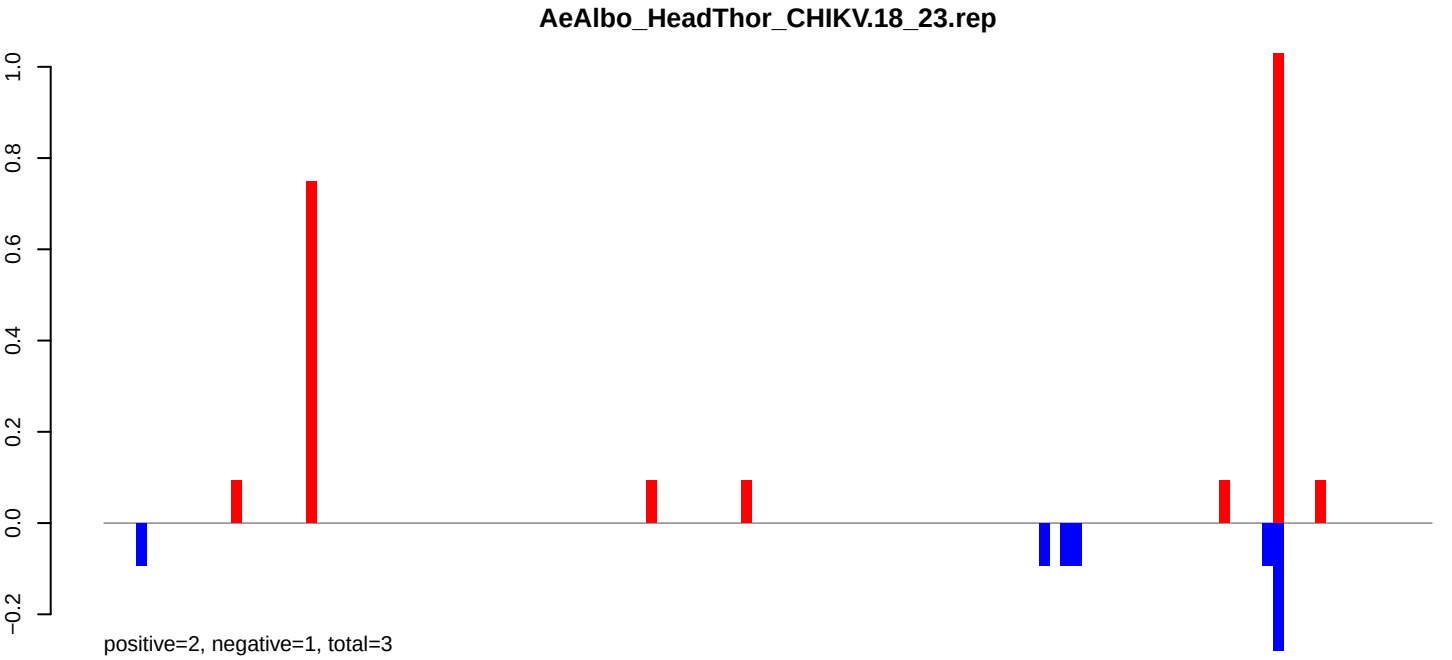

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

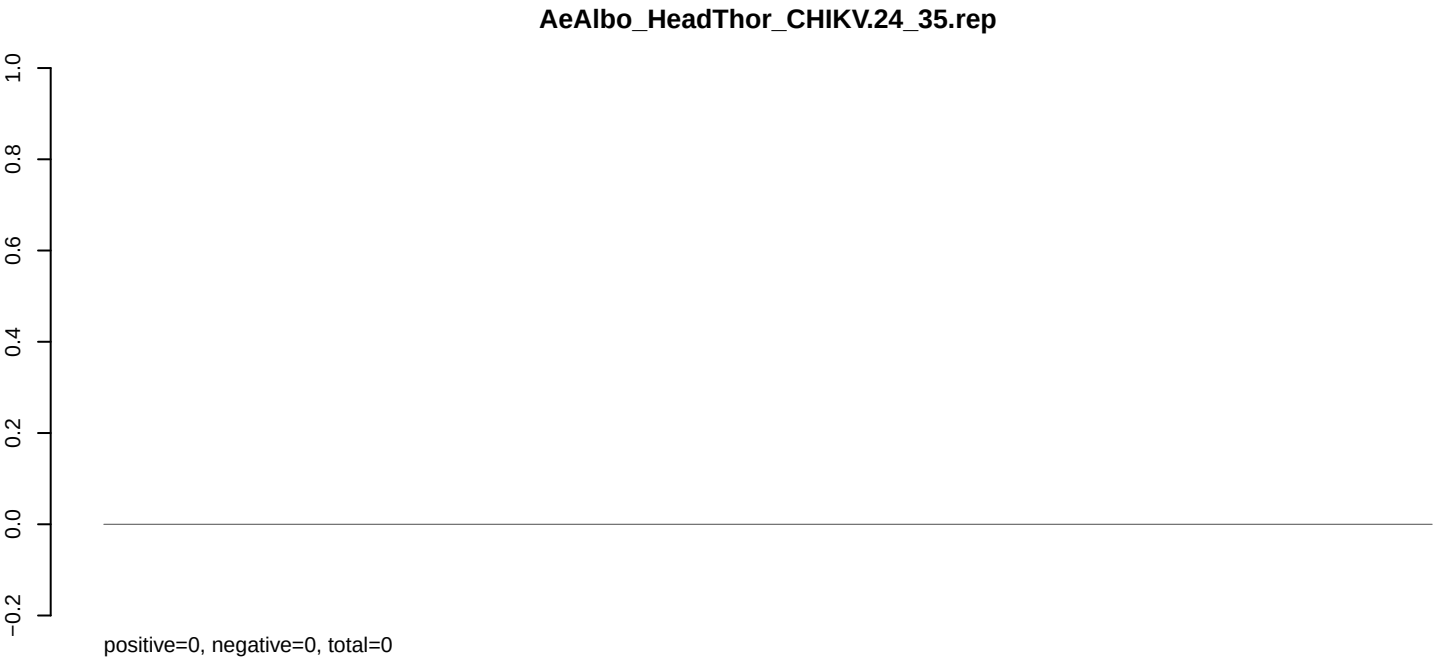

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=3, negative=0, total=4
Window size=25, length=3064, TE@ltr−1_family−5472@LTR_Pao:1−3064
0
500
1000
1500
2000
2500
3000

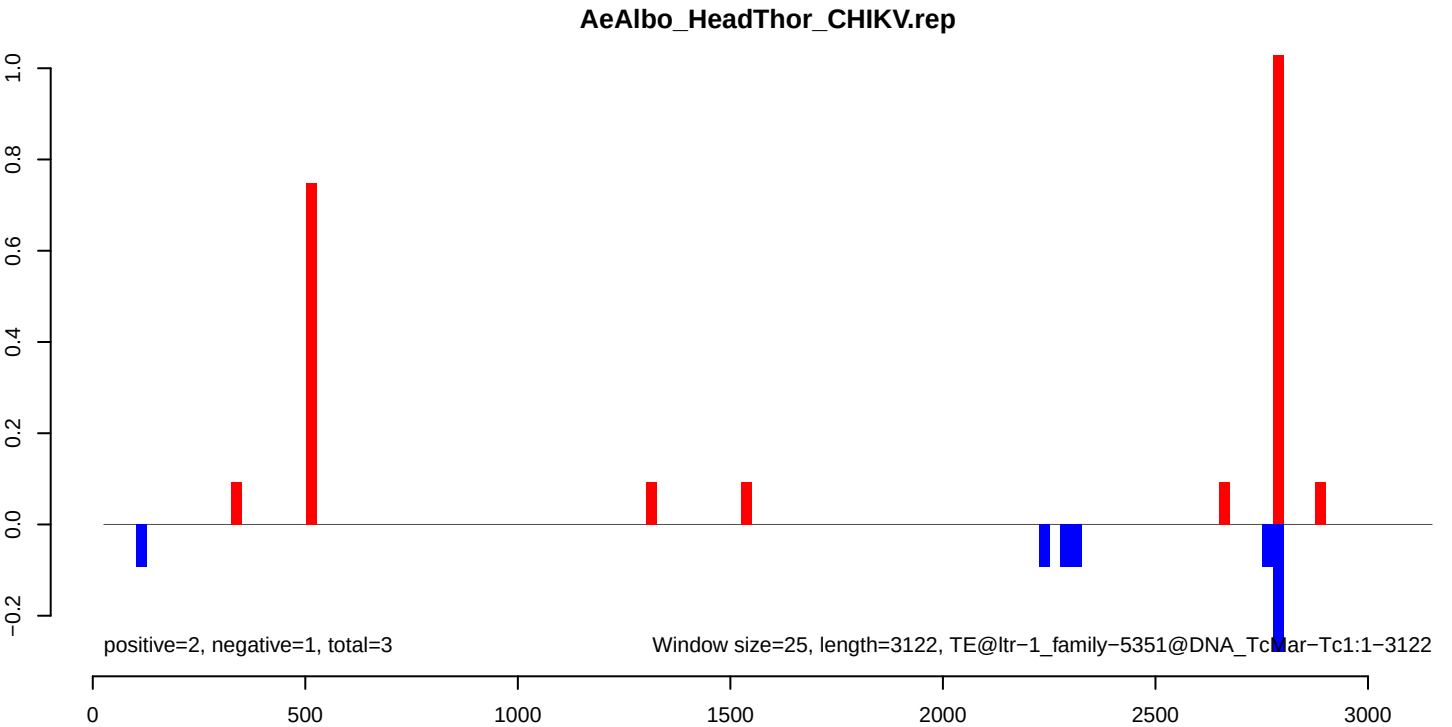

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=13, negative=4, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=14, negative=4, total=18
Window size=25, length=1327, TE@ltr−1_family−5463@DNA_PIF−Harbinger:1−1327
0
200
400
600
800
1000
1200
1400

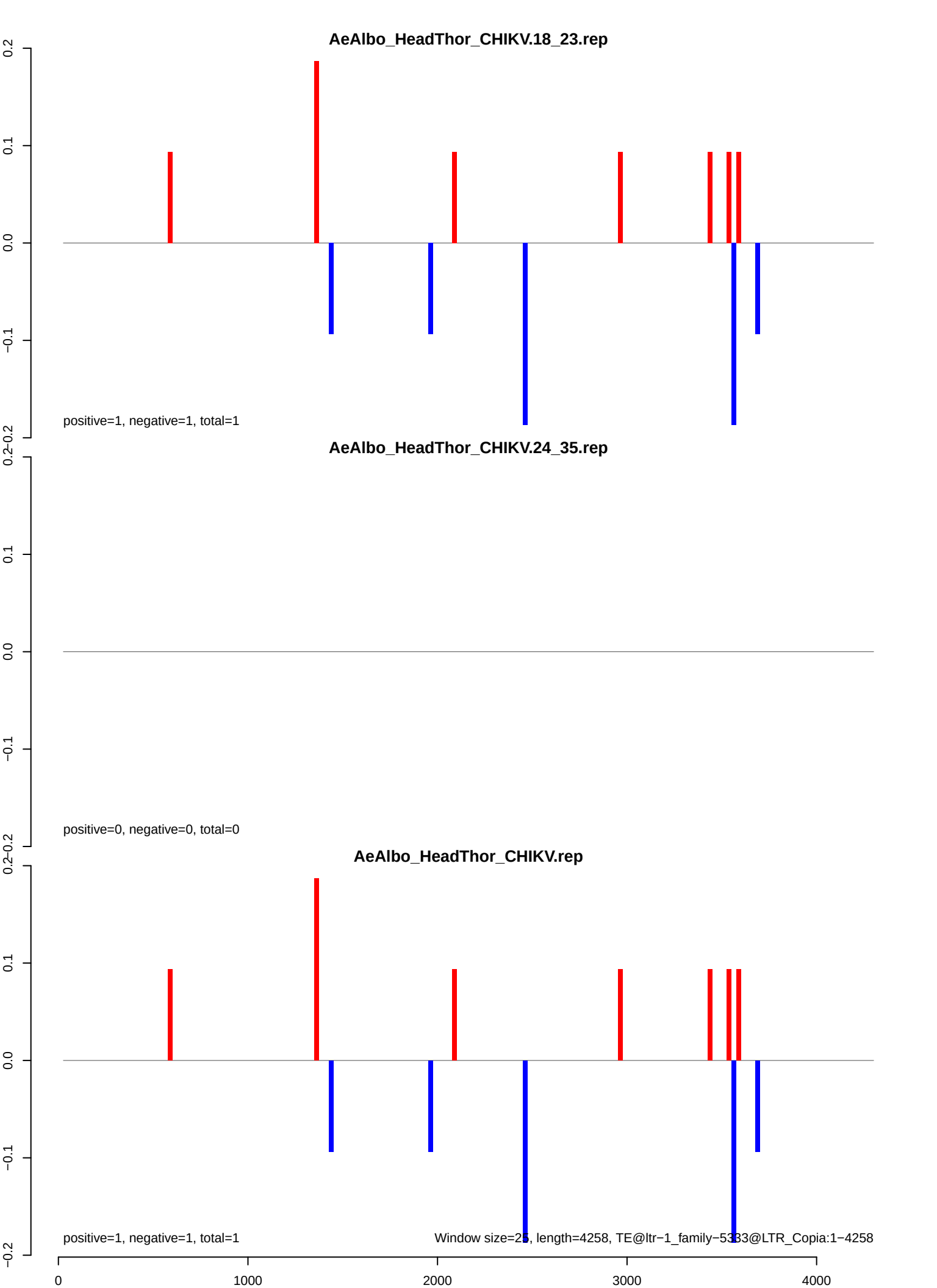

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=2
Window size=25, length=2369, TE@ltr−1_family−5439@LINE_L1:1−2369
0
500
1000
1500
2000

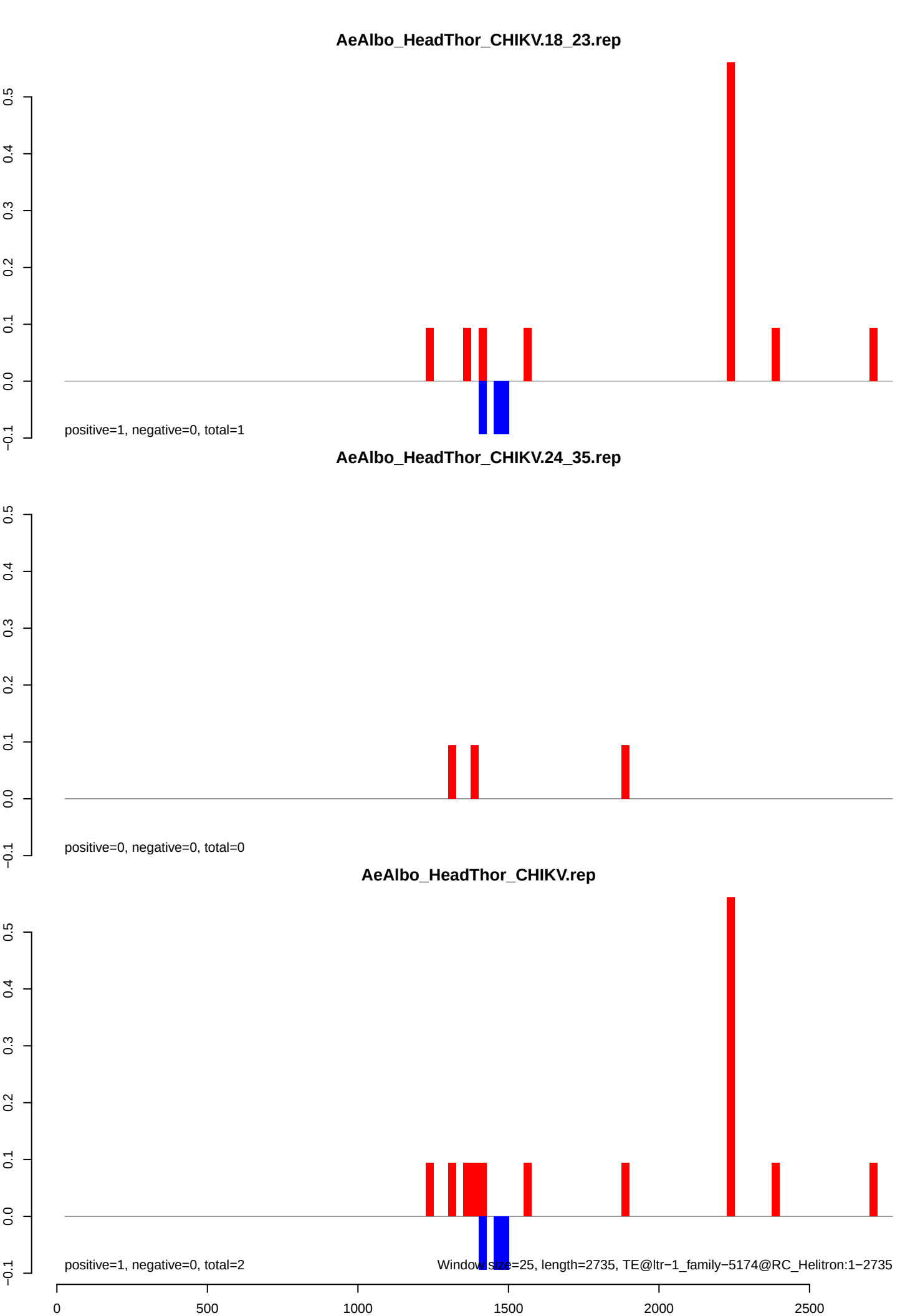

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=2251, TE@ltr−1_family−5359@DNA_Zator:1−2251
0
500
1000
1500
2000

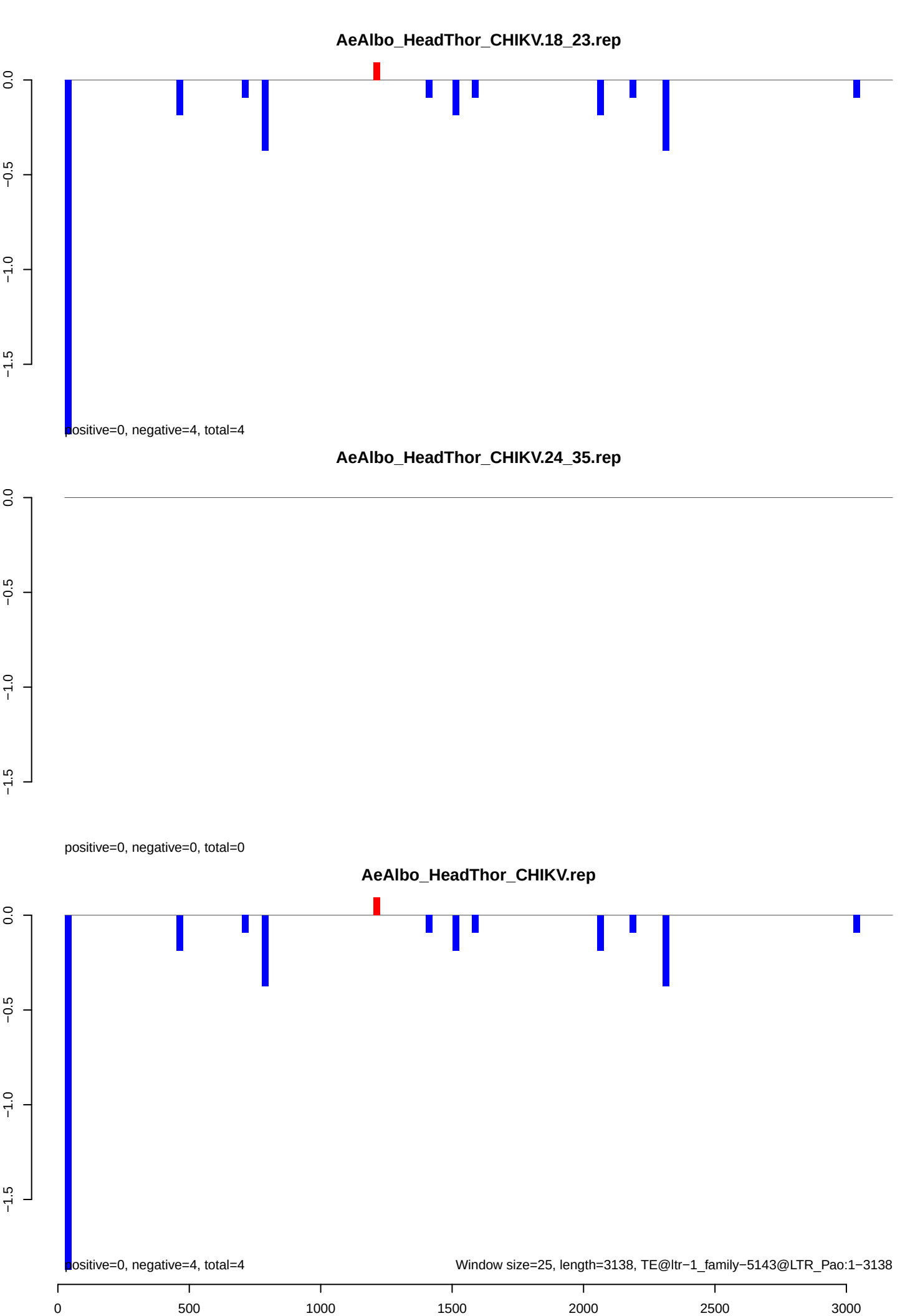

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3

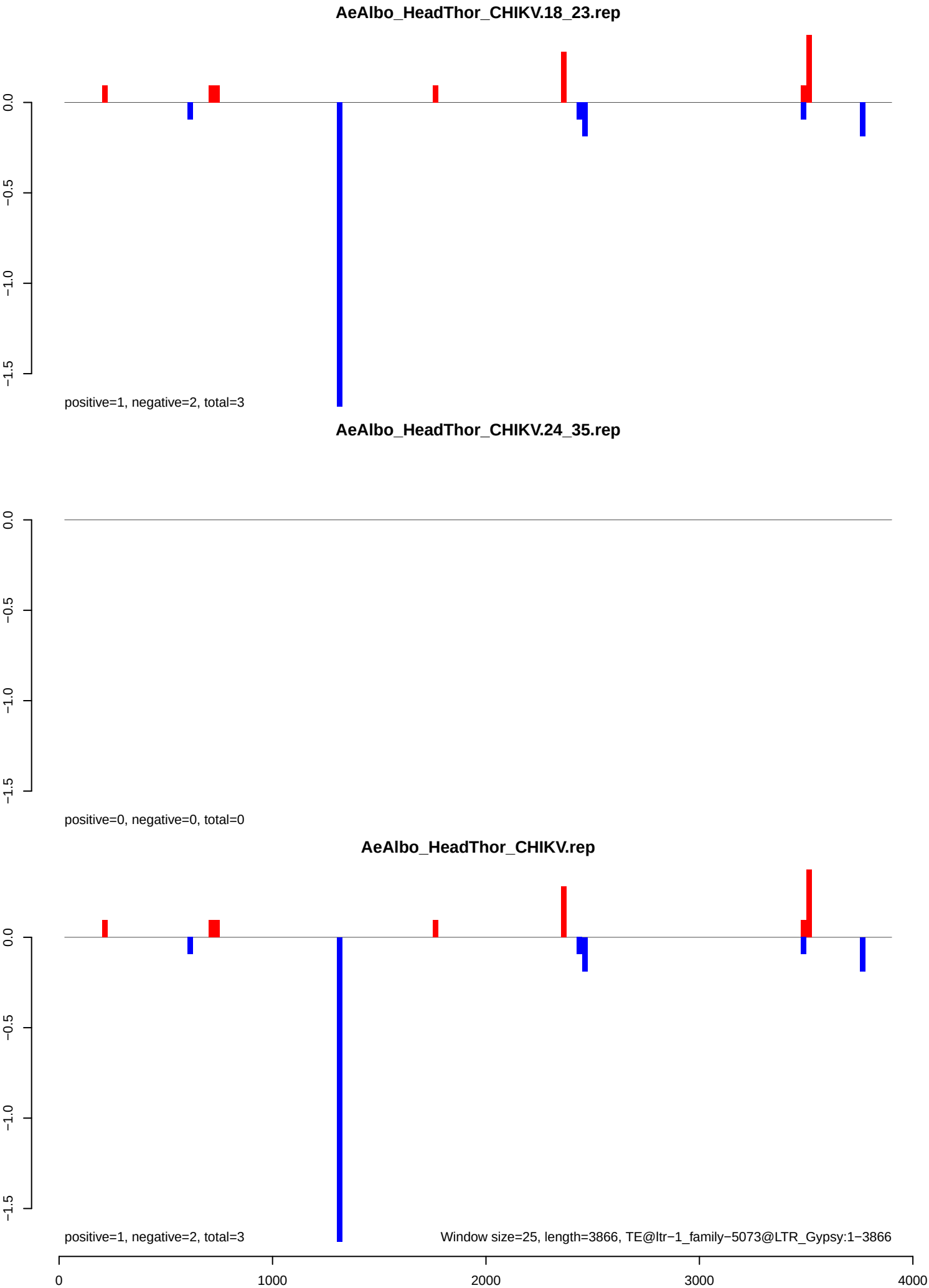

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

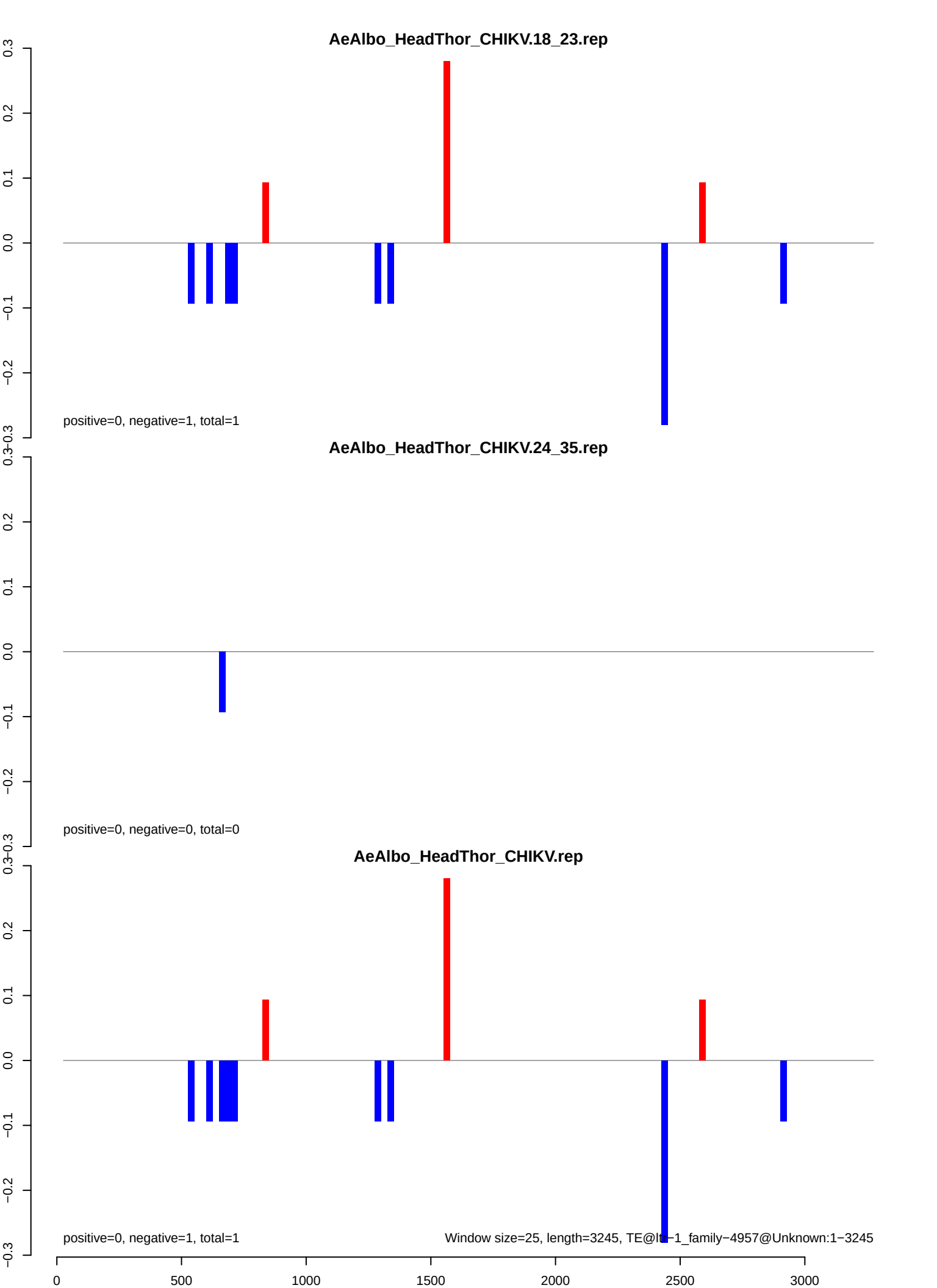

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=3122, TE@ltr−1_family−5351@DNA_TcMar−Tc1:1−3122
0
500
1000
1500
2000
2500
3000

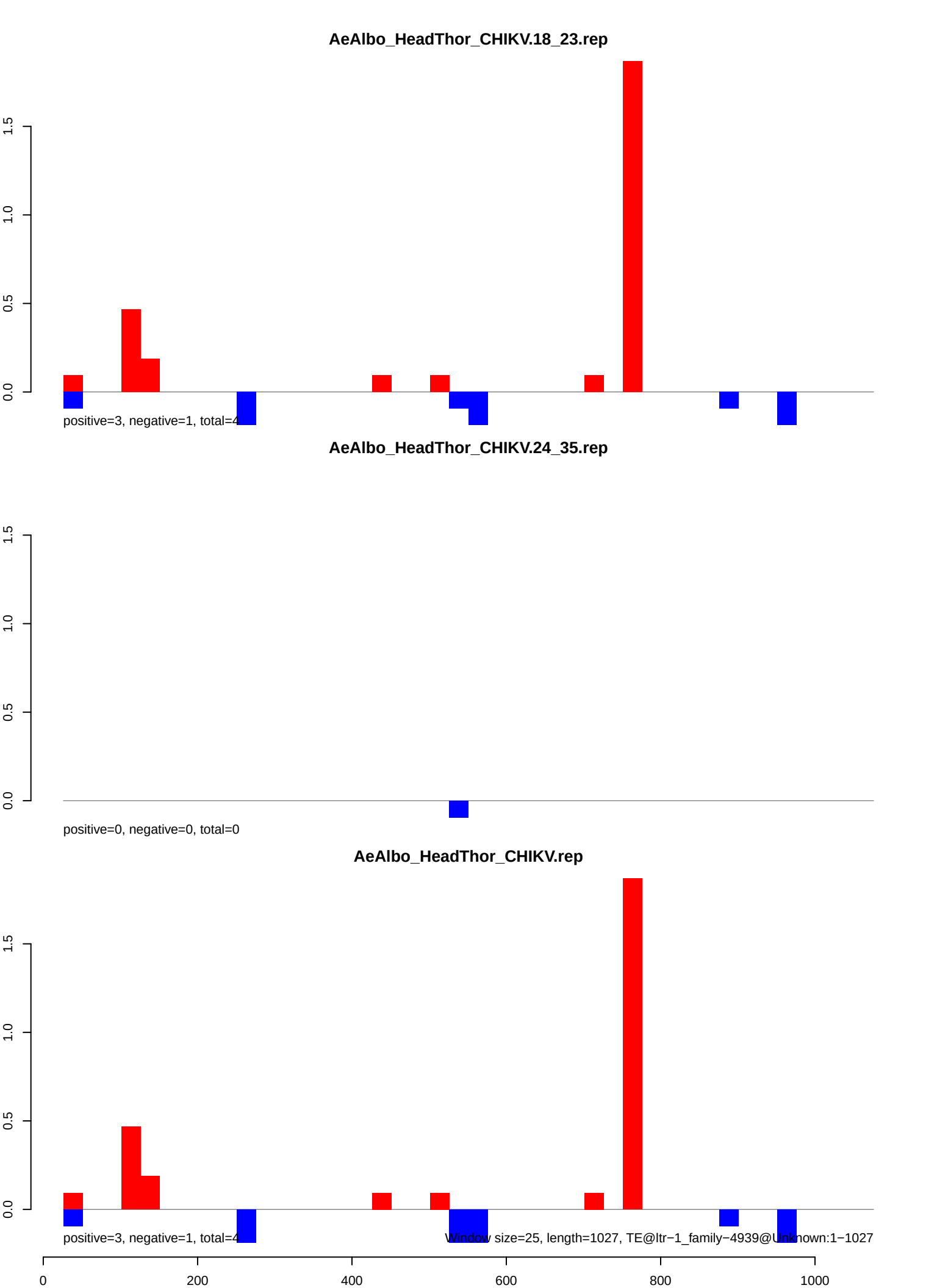

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=1
Window size=25, length=4258, TE@ltr−1_family−5333@LTR_Copia:1−4258
0.2
0.1
0.0
−0.1
−0.2
0
1000
2000
3000
4000

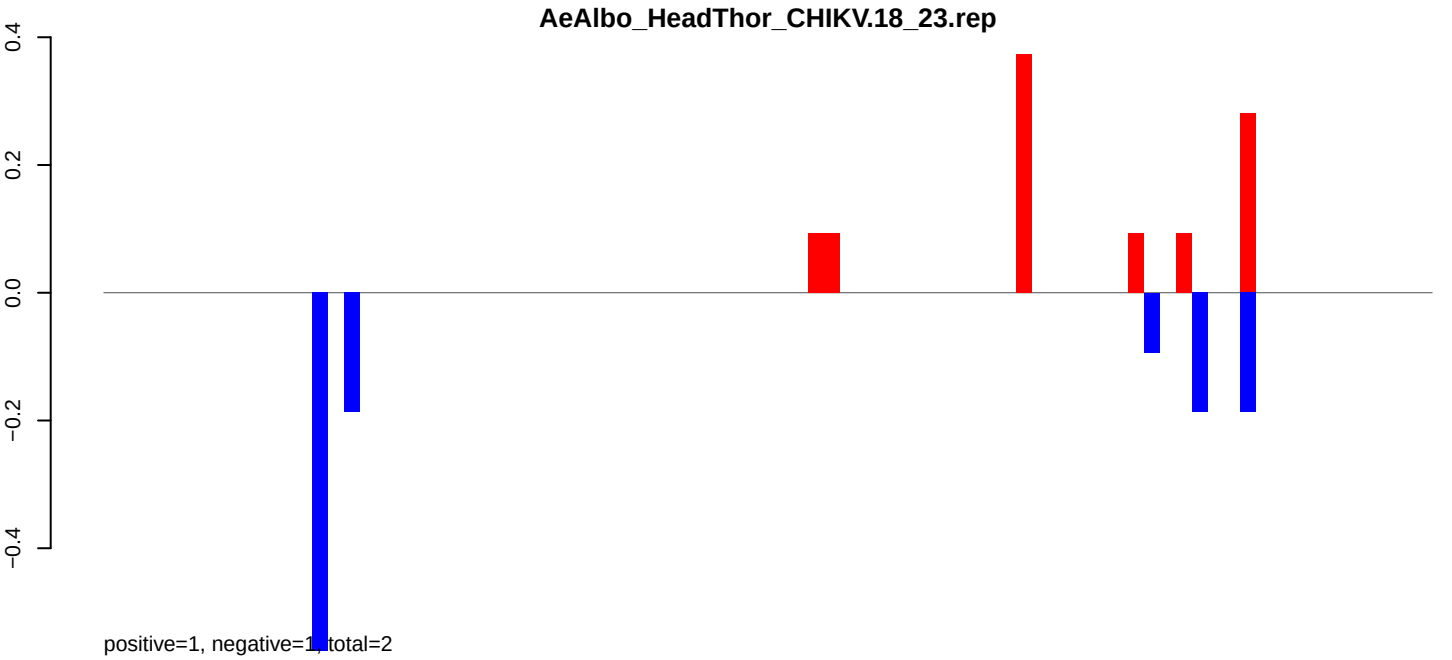

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=2
Window size=25, length=2735, TE@ltr−1_family−5174@RC_Helitron:1−2735
0
500
1000
1500
2000
2500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=4, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=4, total=4
Window size=25, length=3138, TE@ltr−1_family−5143@LTR_Pao:1−3138
0
500
1000
1500
2000
2500
3000

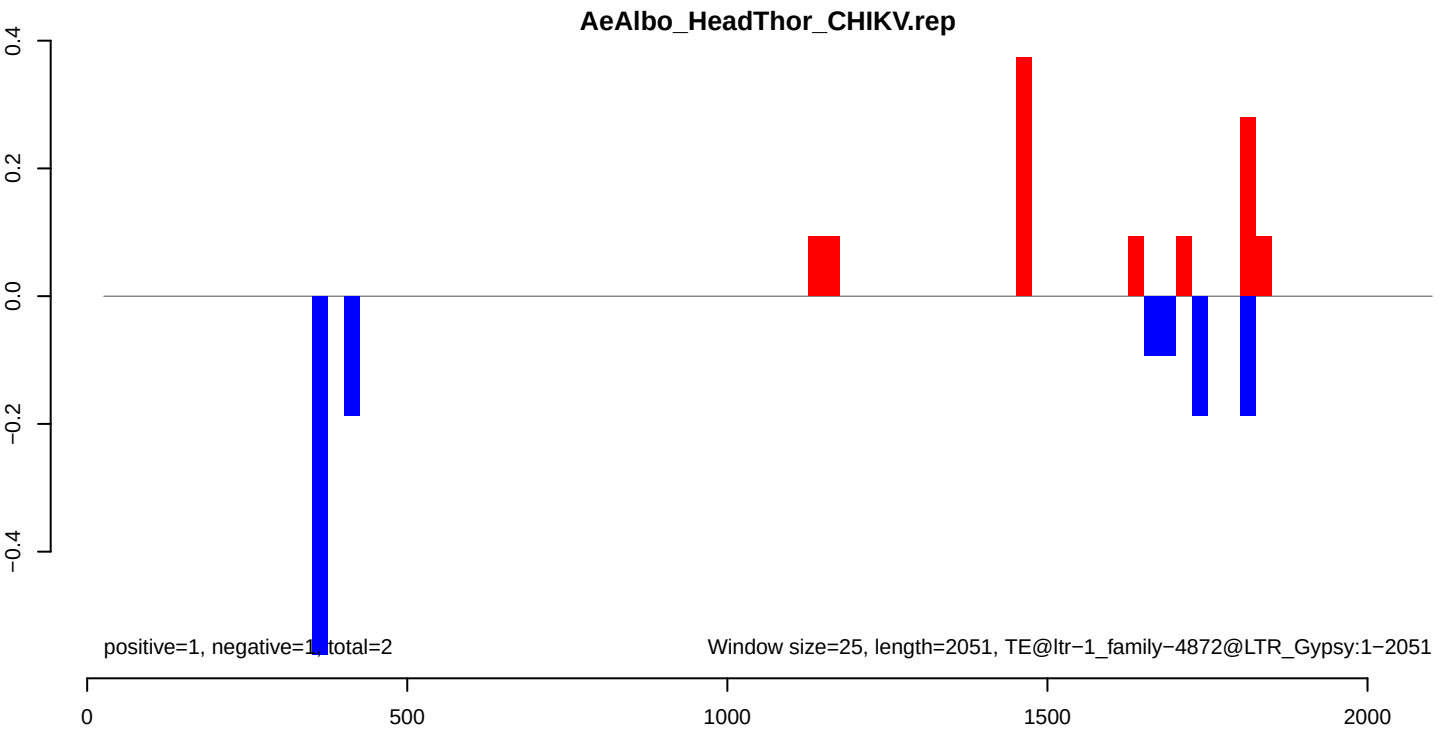

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
Window size=25, length=3866, TE@ltr−1_family−5073@LTR_Gypsy:1−3866
0
1000
2000
3000
4000

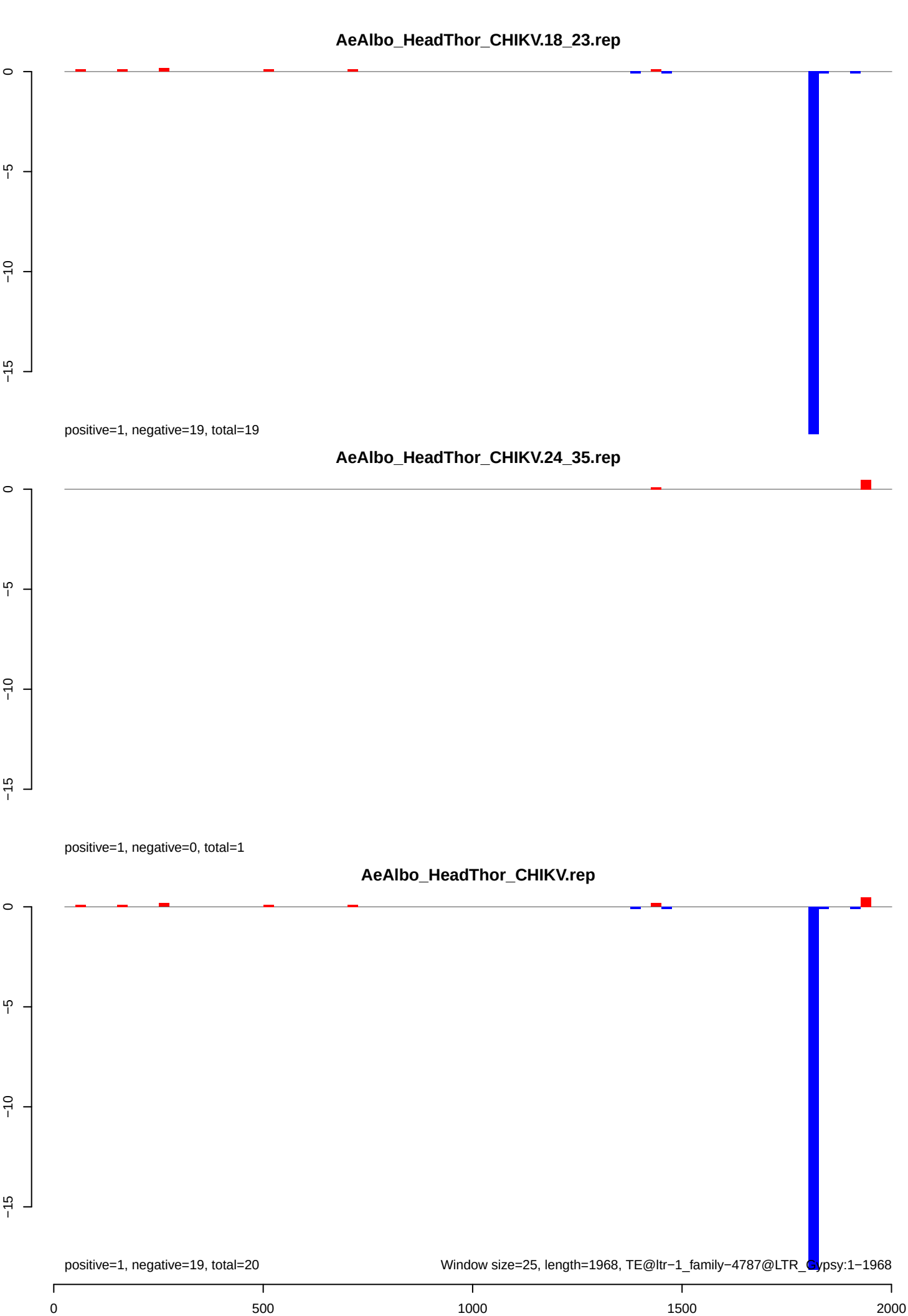

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=3245, TE@ltr−1_family−4957@Unknown:1−3245
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500
2000
2500
3000

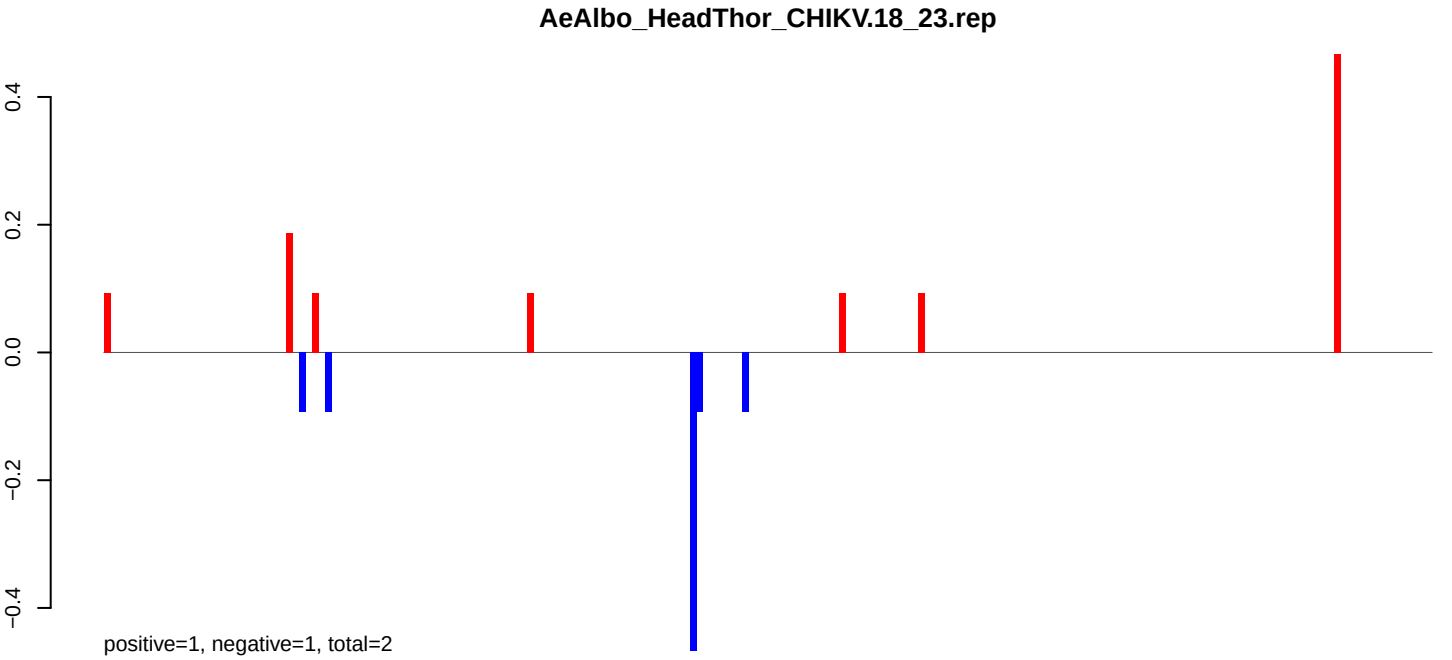

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=4
Window size=25, length=1027, TE@ltr−1_family−4939@Unknown:1−1027
0
200
400
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2

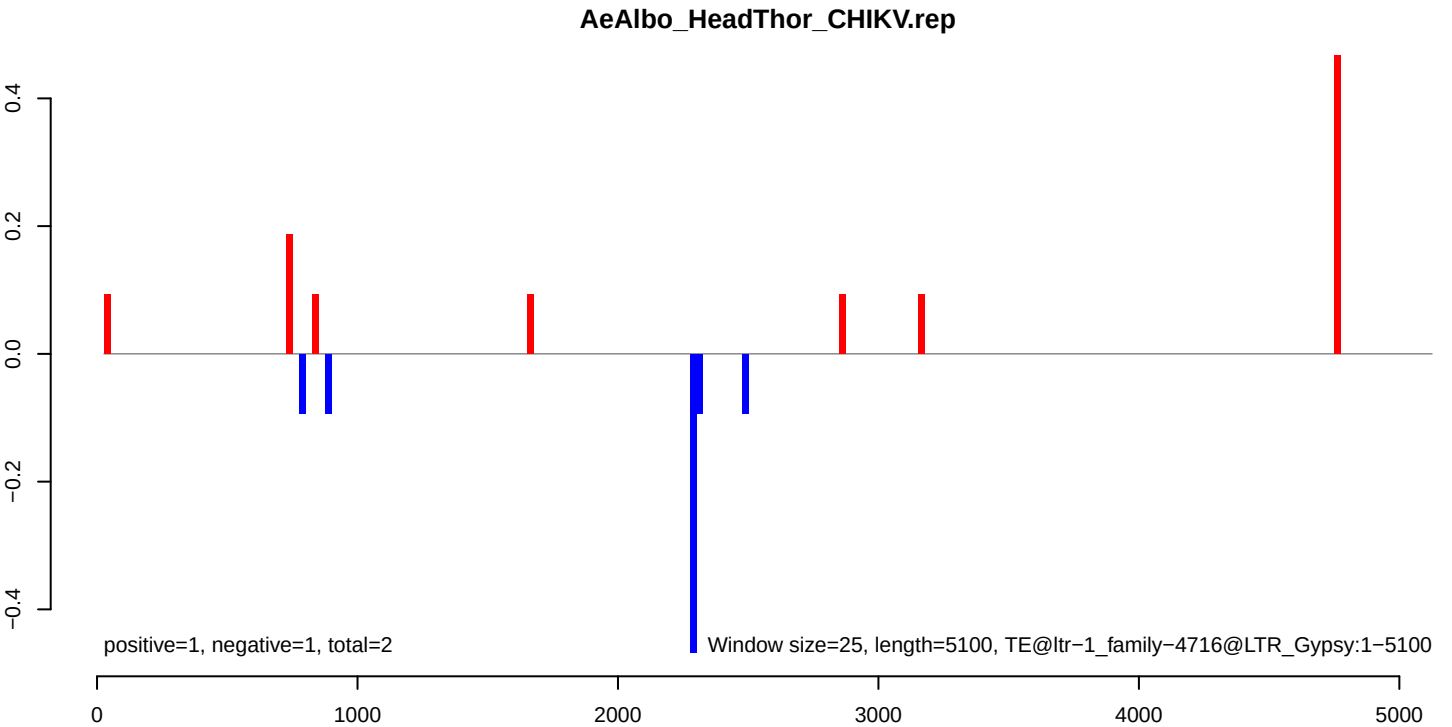
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

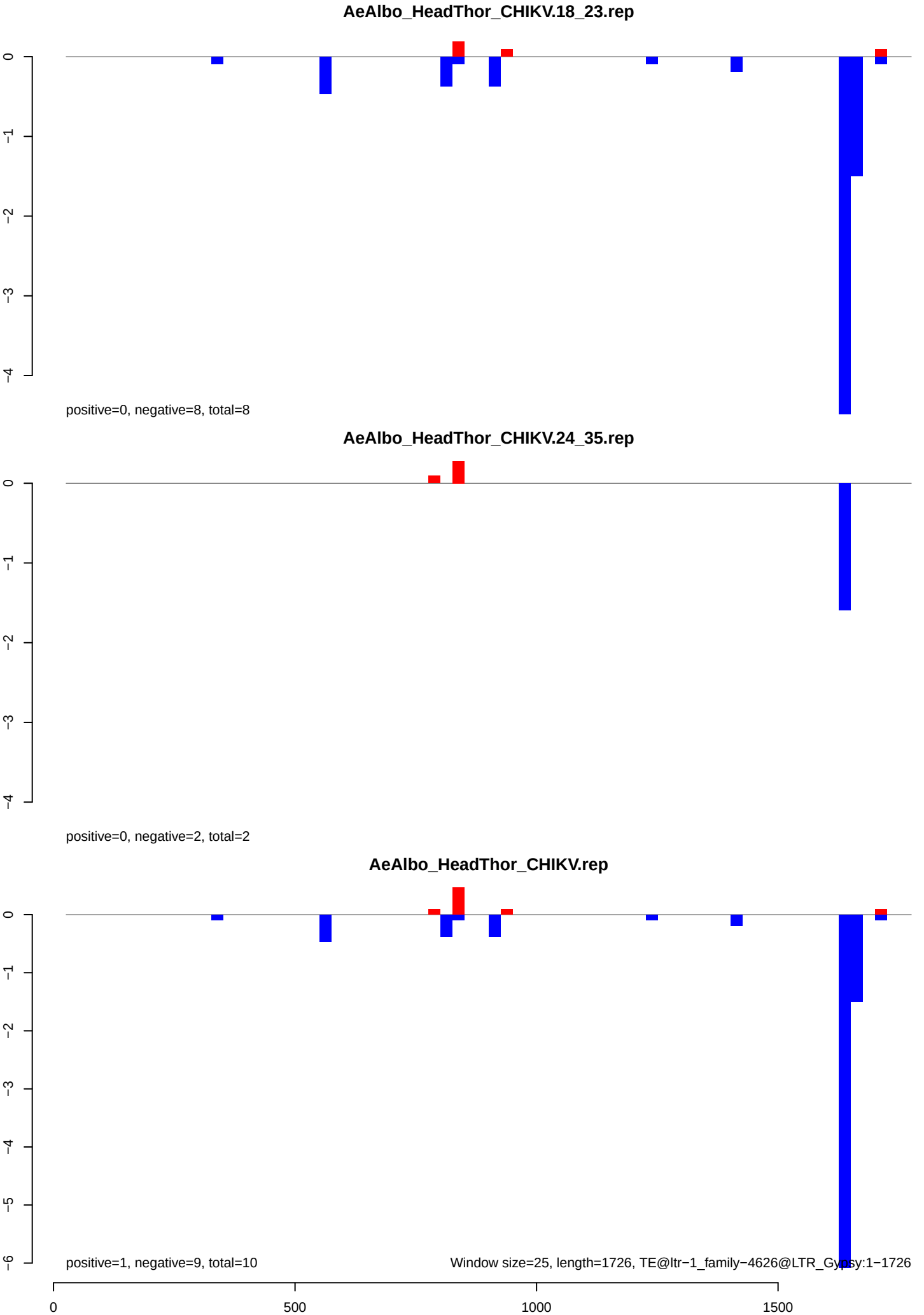

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=2051, TE@ltr−1_family−4872@LTR_Gypsy:1−2051
0
500
1000
1500
2000

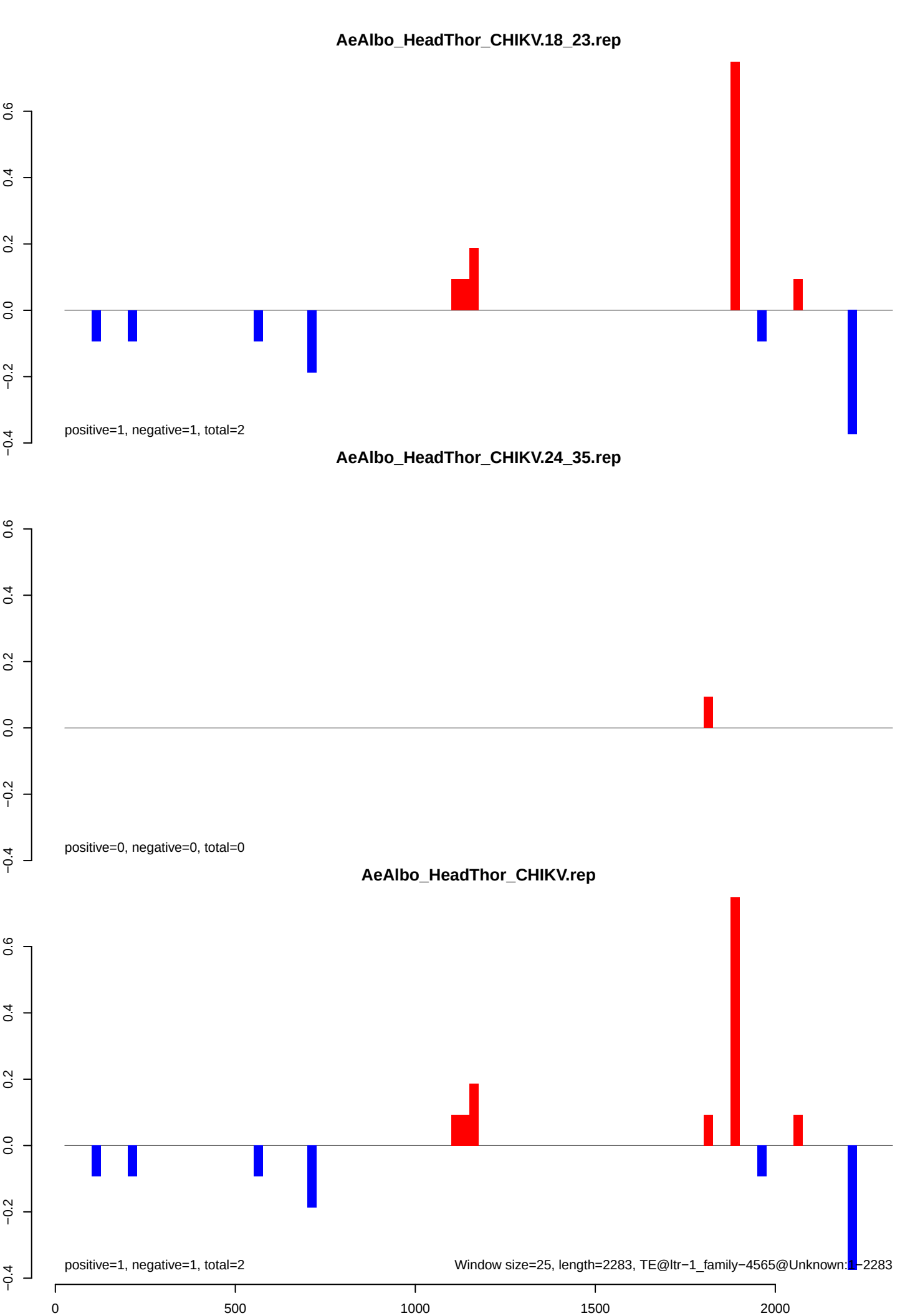

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=19, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=19, total=20
Window size=25, length=1968, TE@ltr−1_family−4787@LTR_Gypsy:1−1968
0
500
1000
1500
2000

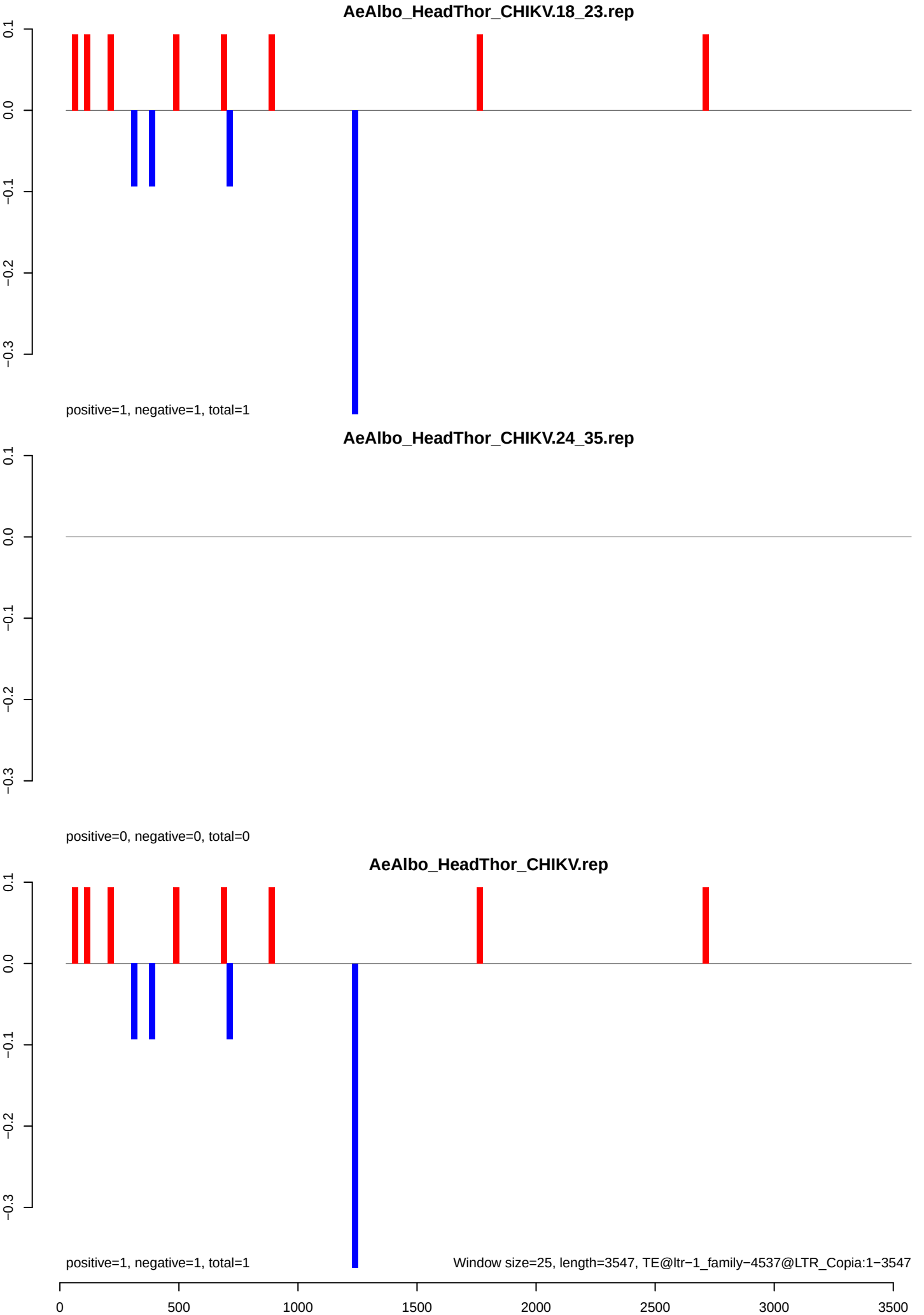

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2

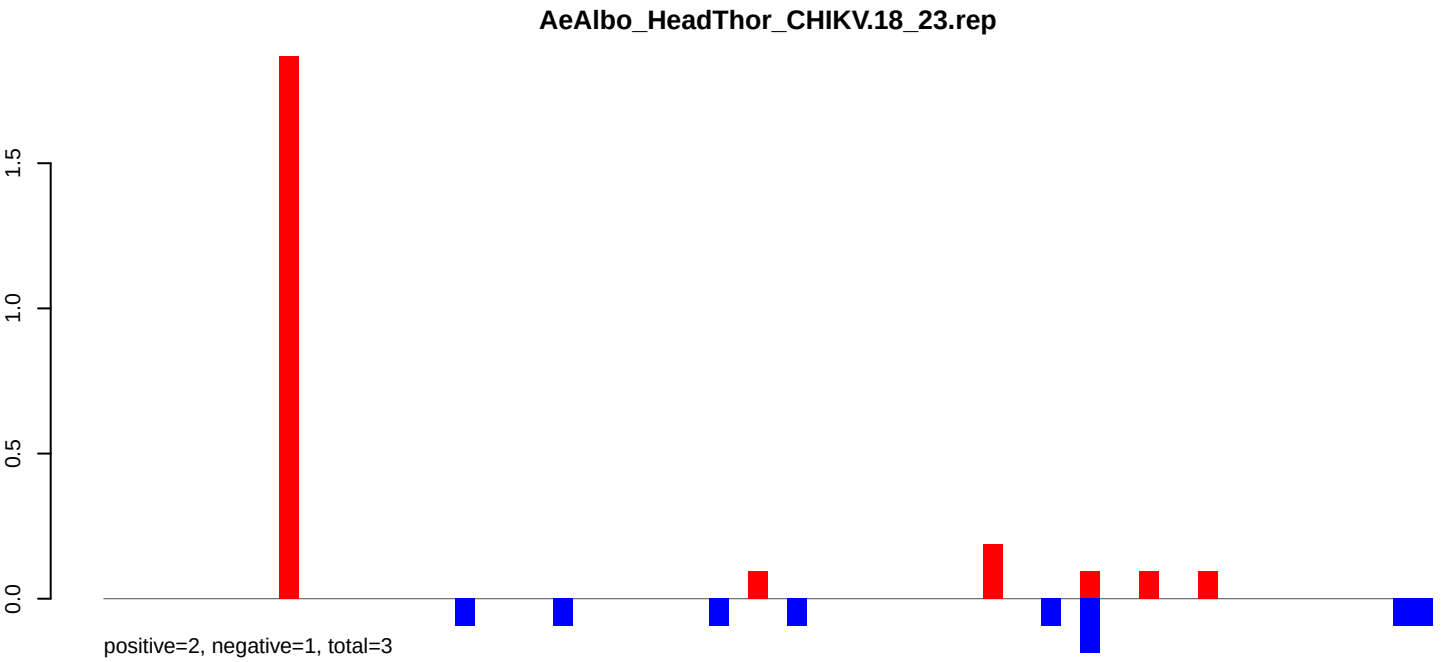
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

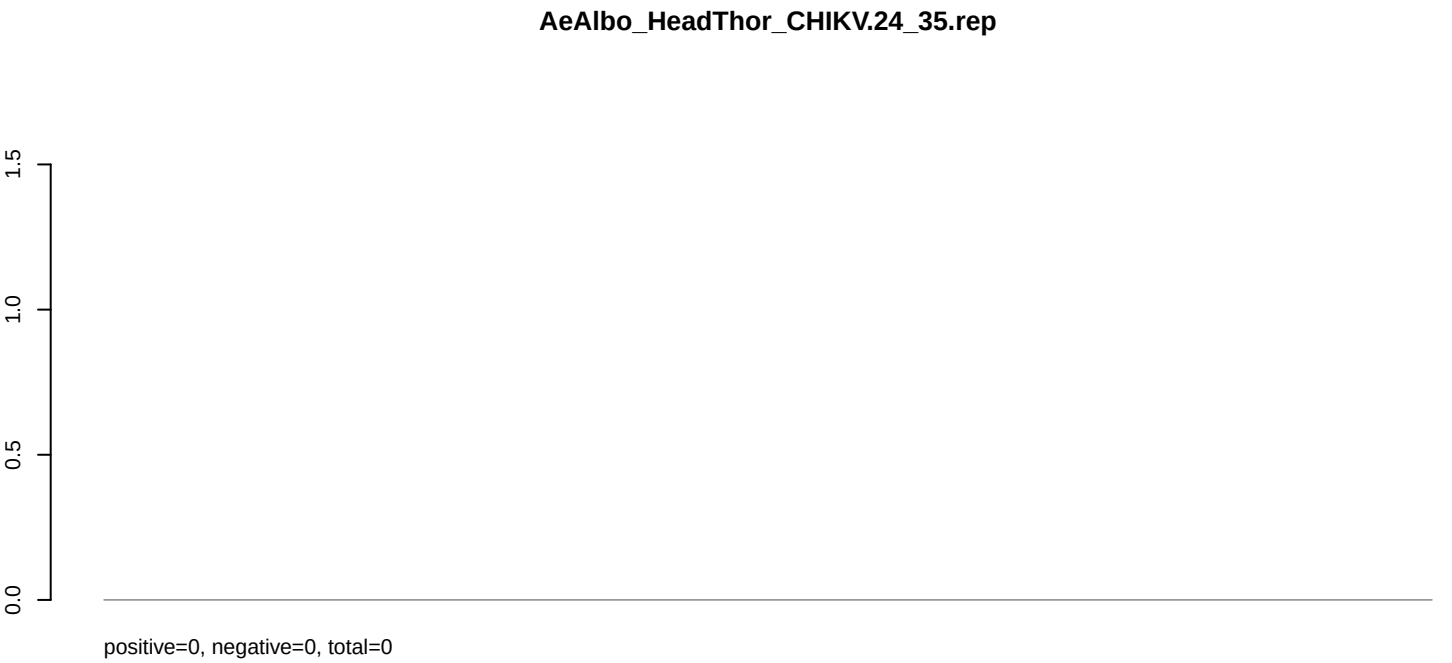

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=5100, TE@ltr−1_family−4716@LTR_Gypsy:1−5100
0
1000
2000
3000
4000
5000

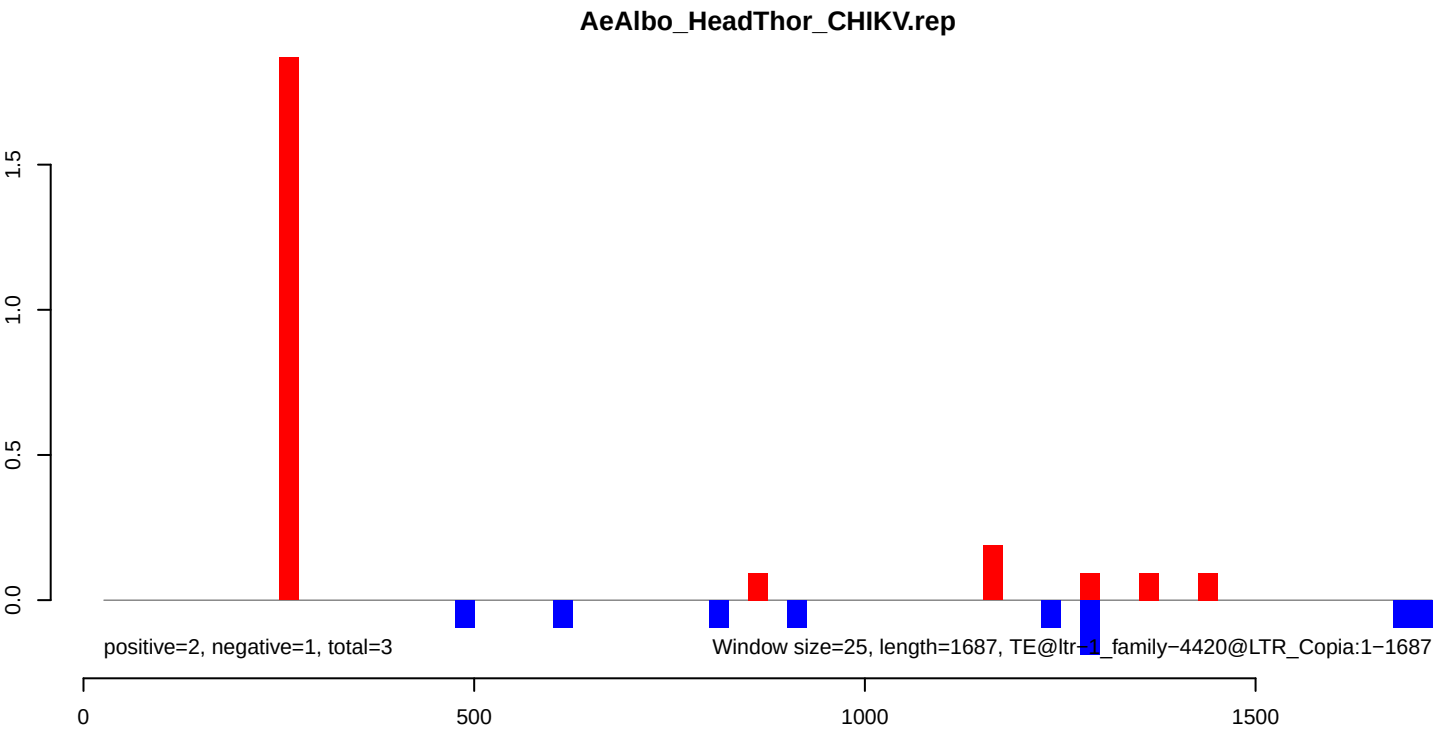

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=0, negative=8, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
−6
positive=1, negative=9, total=10
Window size=25, length=1726, TE@ltr−1_family−4626@LTR_Gypsy:1−1726
0
500
1000
1500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=2283, TE@ltr−1_family−4565@Unknown:1−2283
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=1
Window size=25, length=3547, TE@ltr−1_family−4537@LTR_Copia:1−3547
0
500
1000
1500
2000
2500
3000
3500

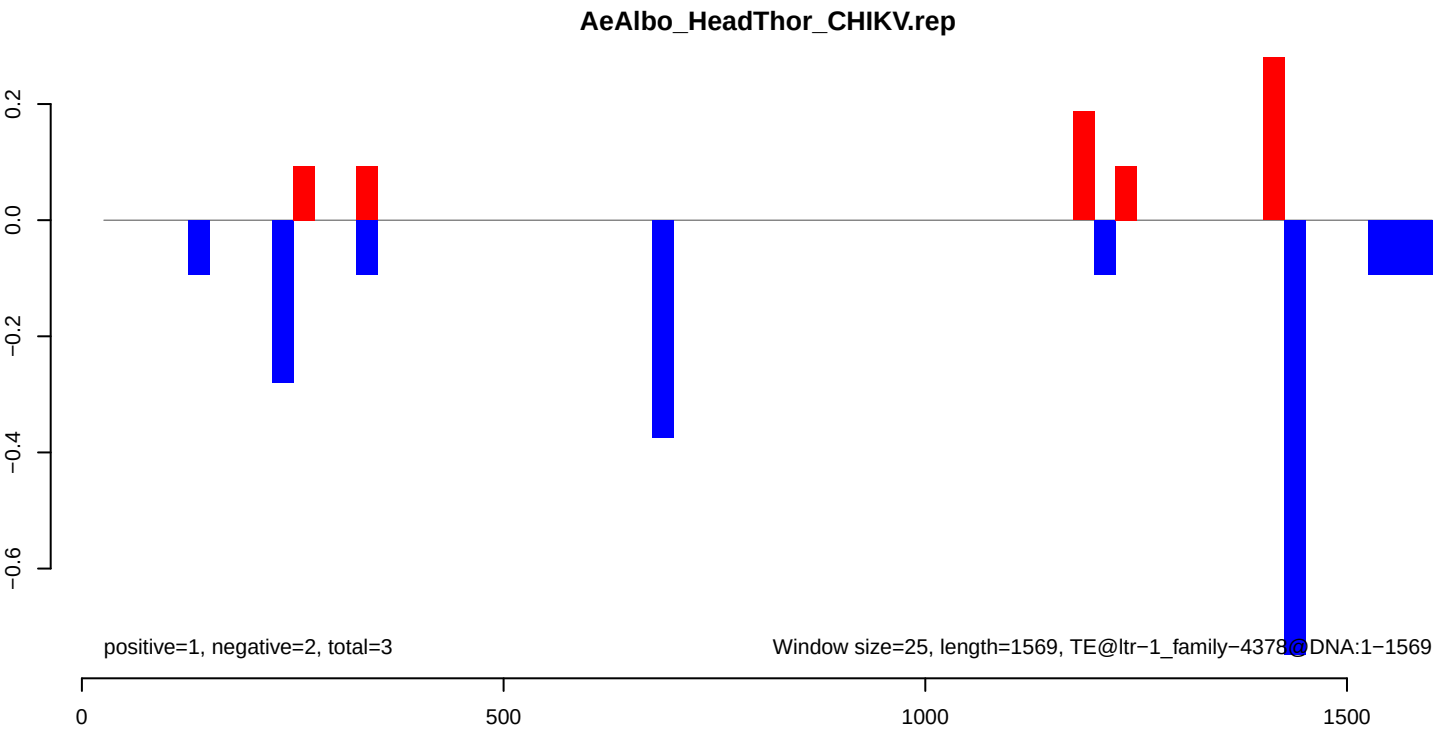

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3

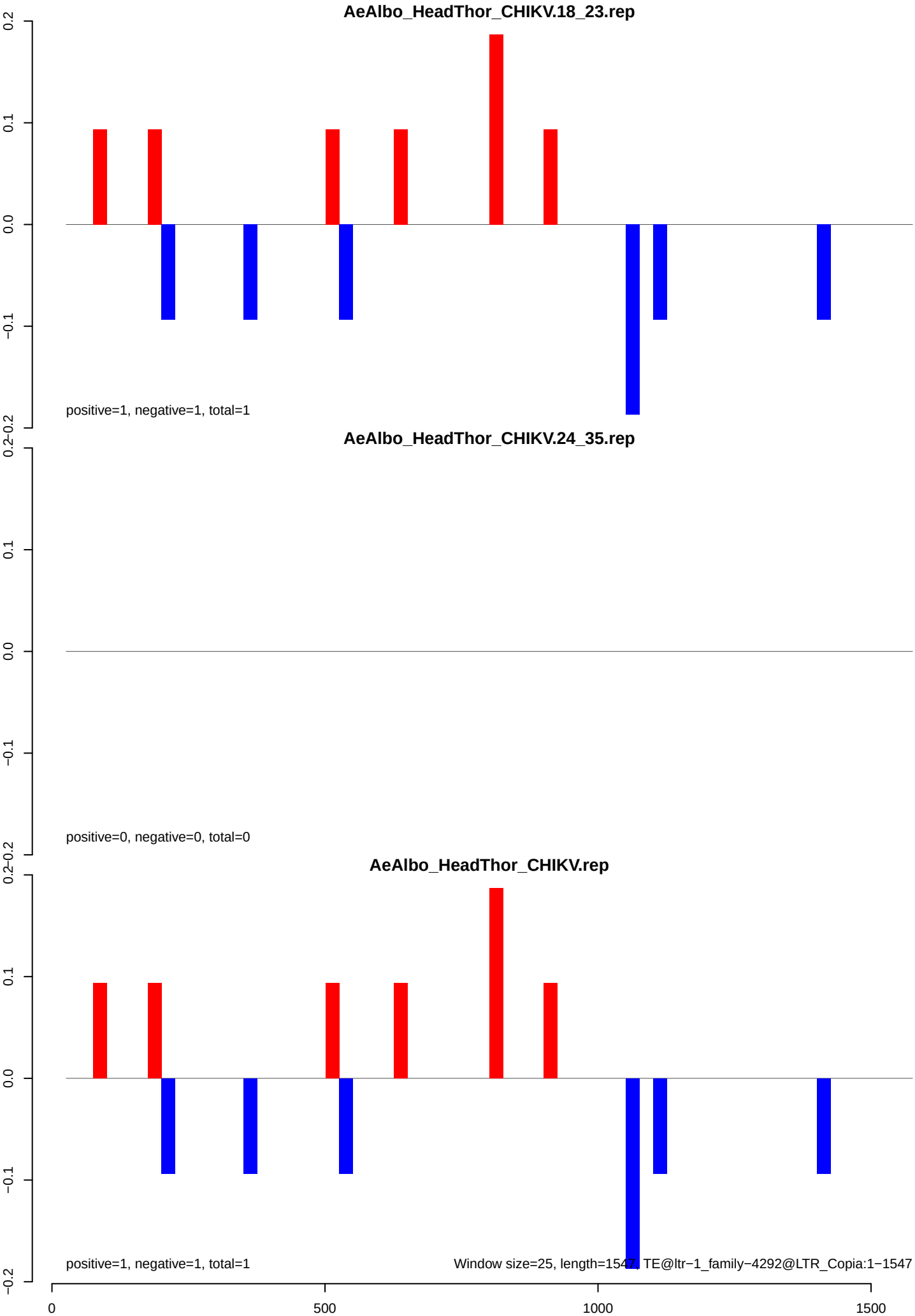

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

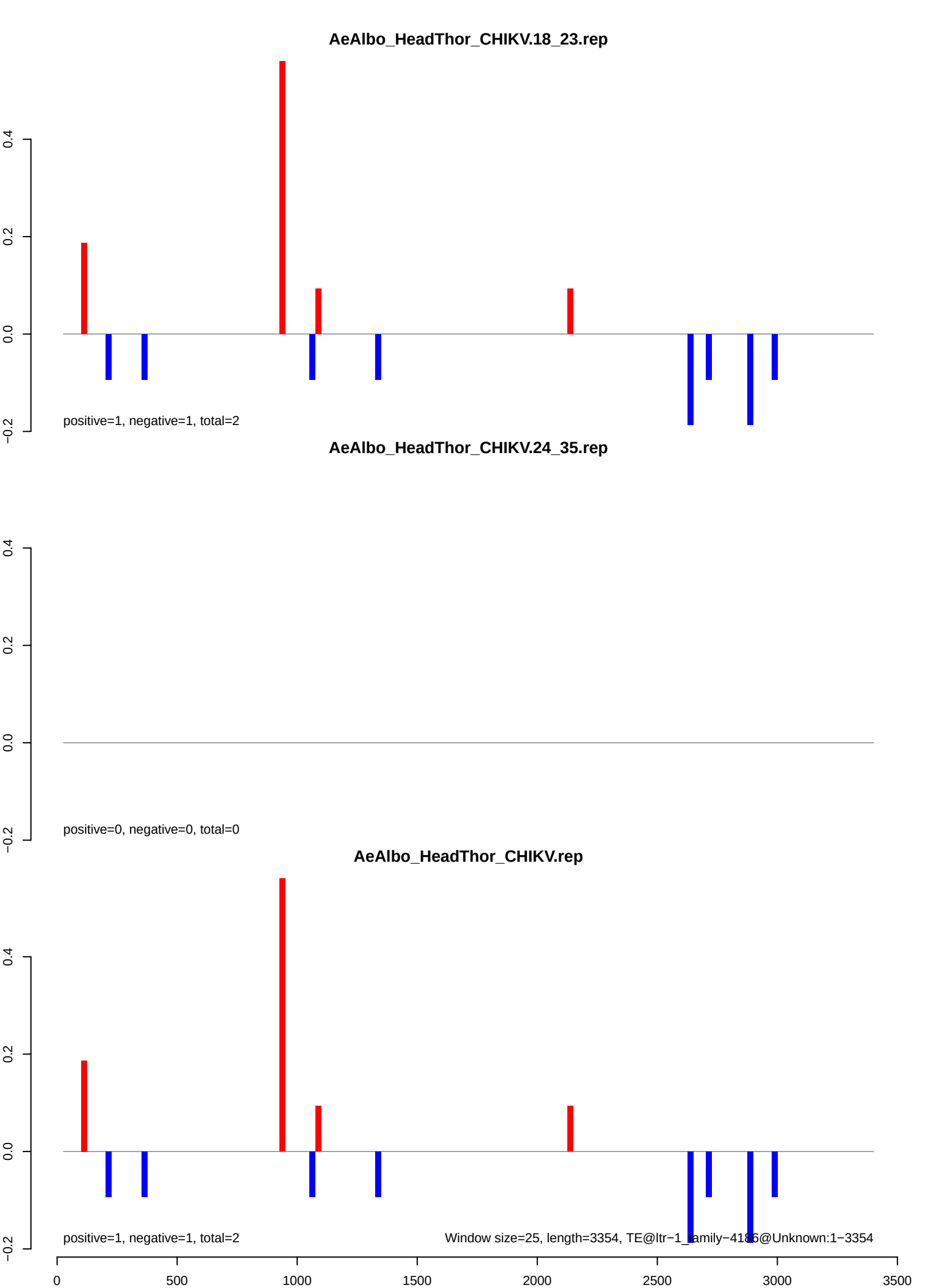

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3
Window size=25, length=1687, TE@ltr-1_family-4420@LTR_Copia:1-1687
0
500
1000
1500

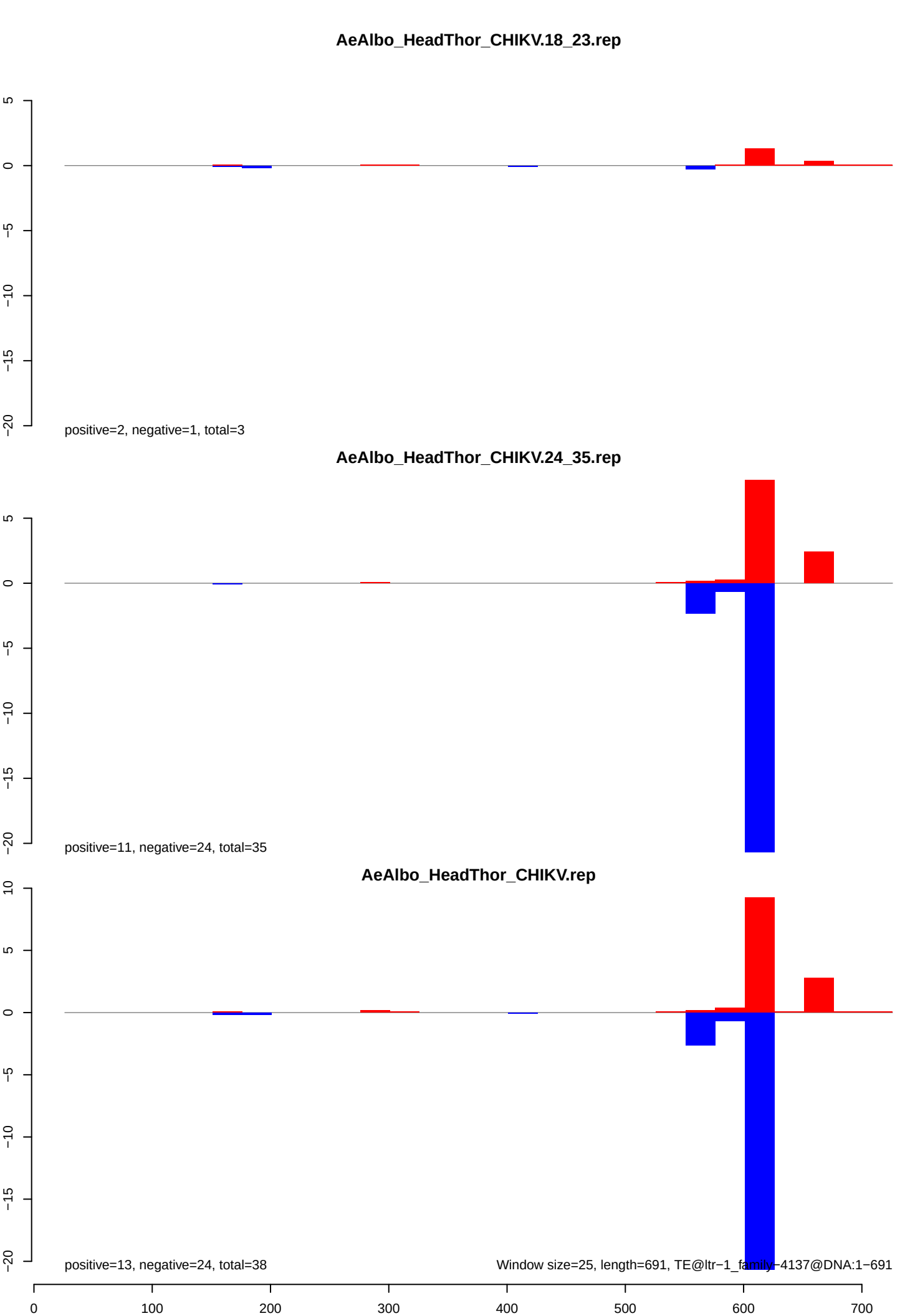
AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3

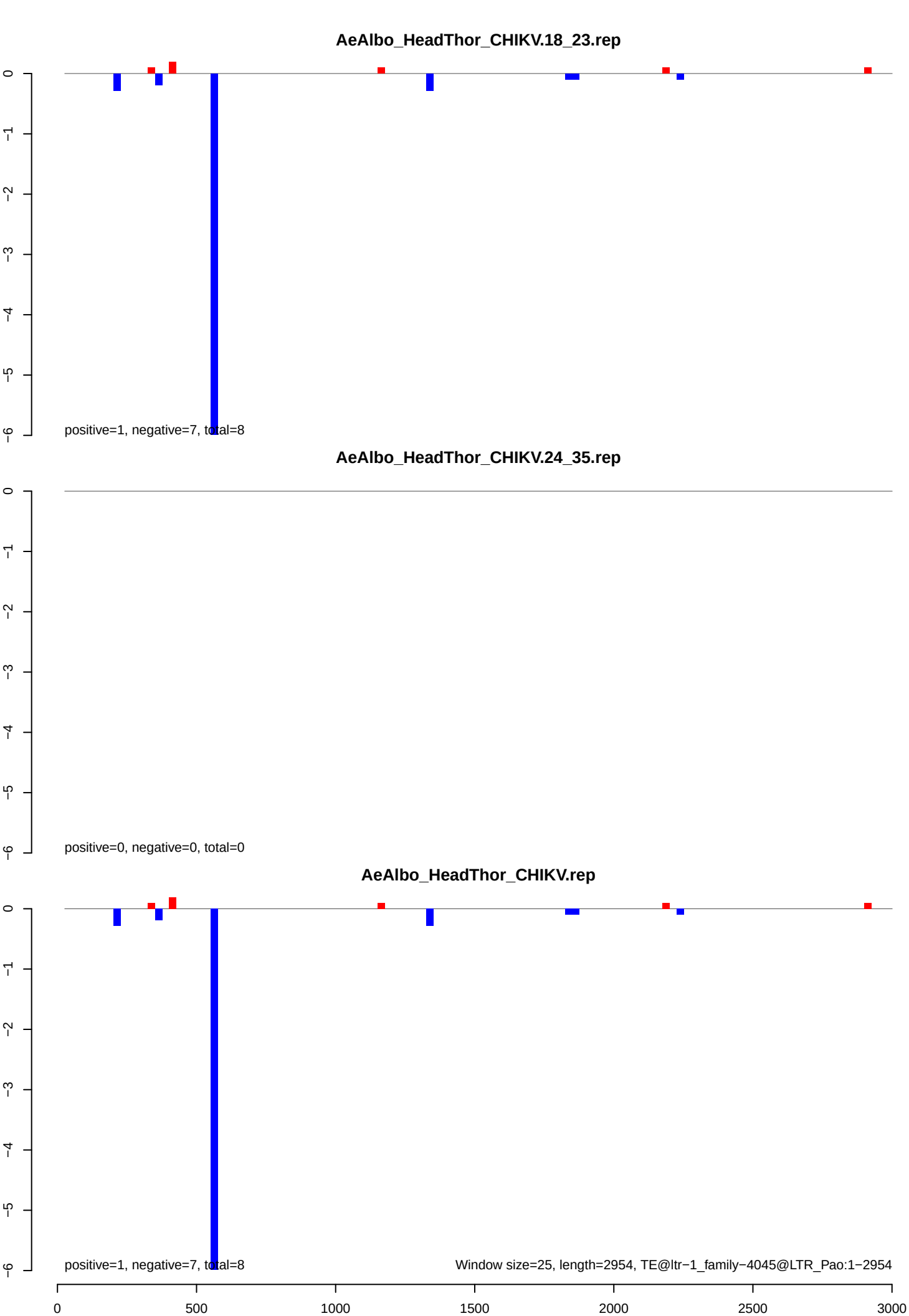
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

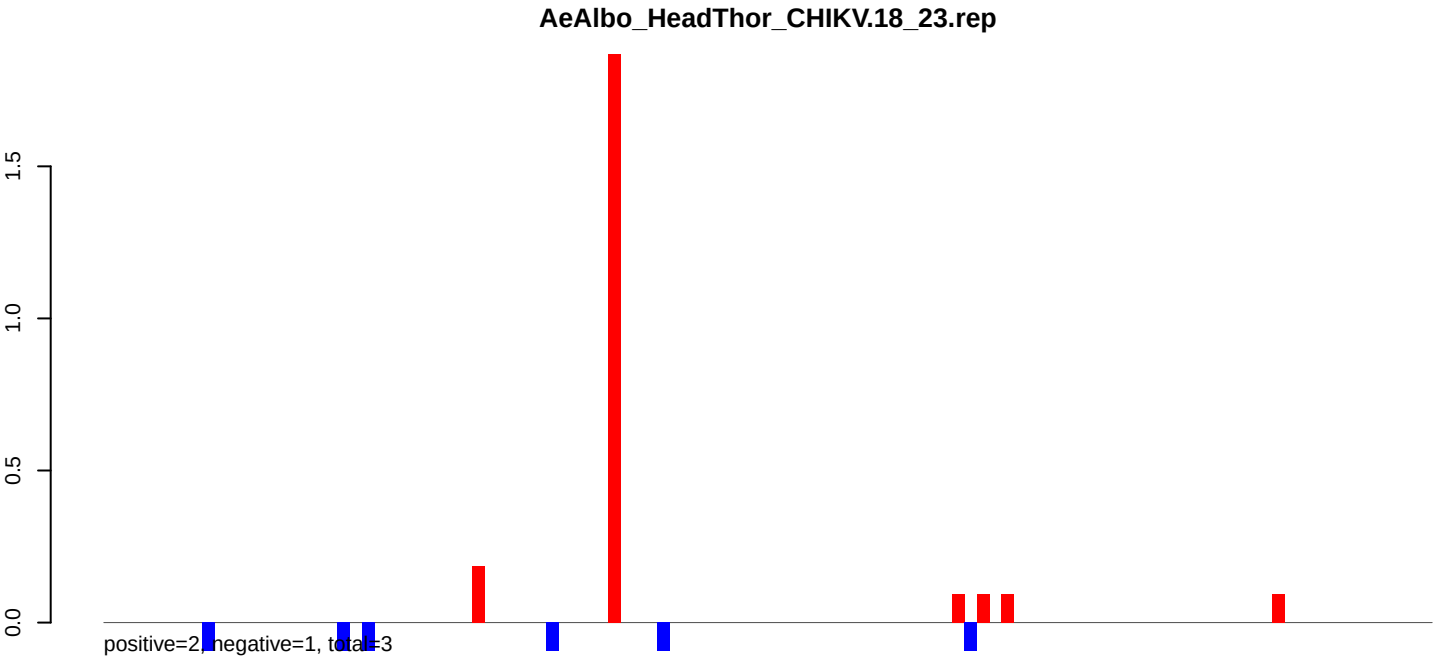

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=2, total=3
Window size=25, length=1569, TE@ltr−1_family−4378@DNA:1−1569
0
500
1000
1500

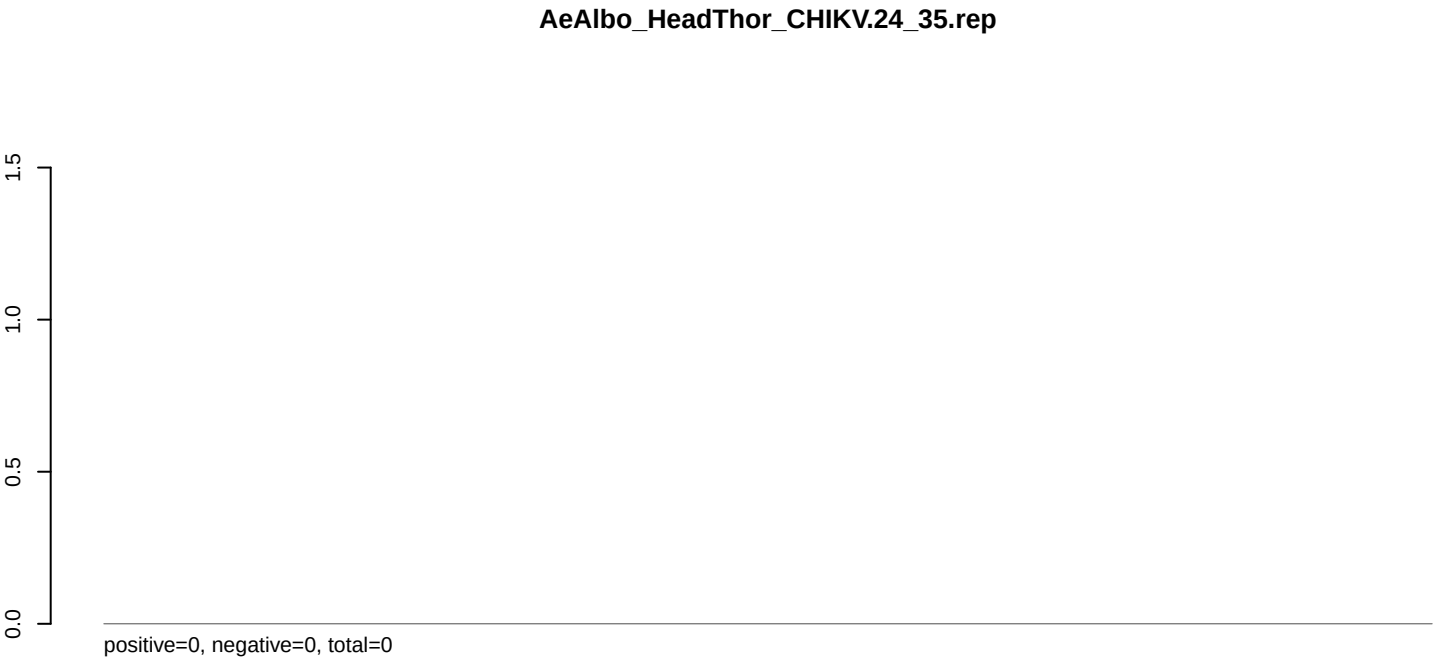

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
Window size=25, length=1547, TE@ltr−1_family−4292@LTR_Copia:1−1547
0
500
1000
1500

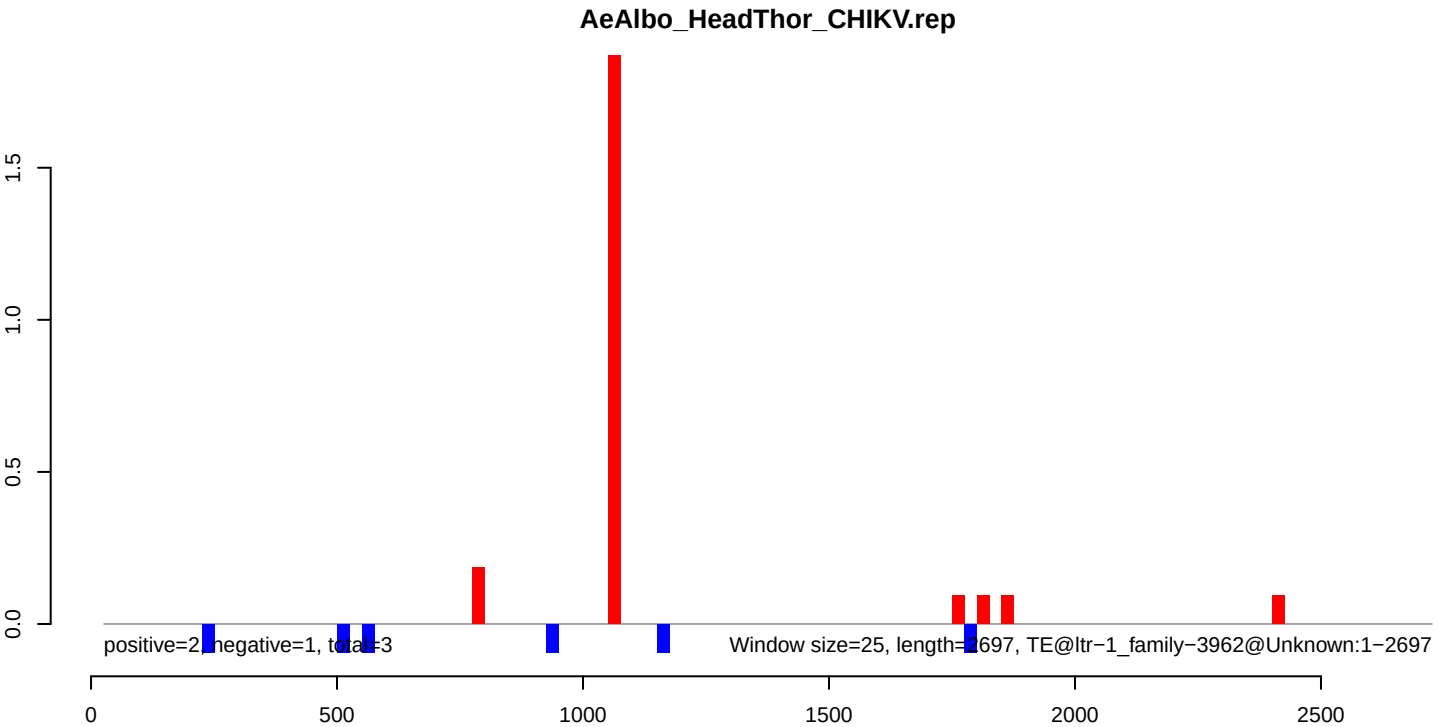

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
Window size=25, length=3354, TE@ltr−1_family−4186@Unknown:1−3354
0
500
1000
1500
2000
2500
3000
3500

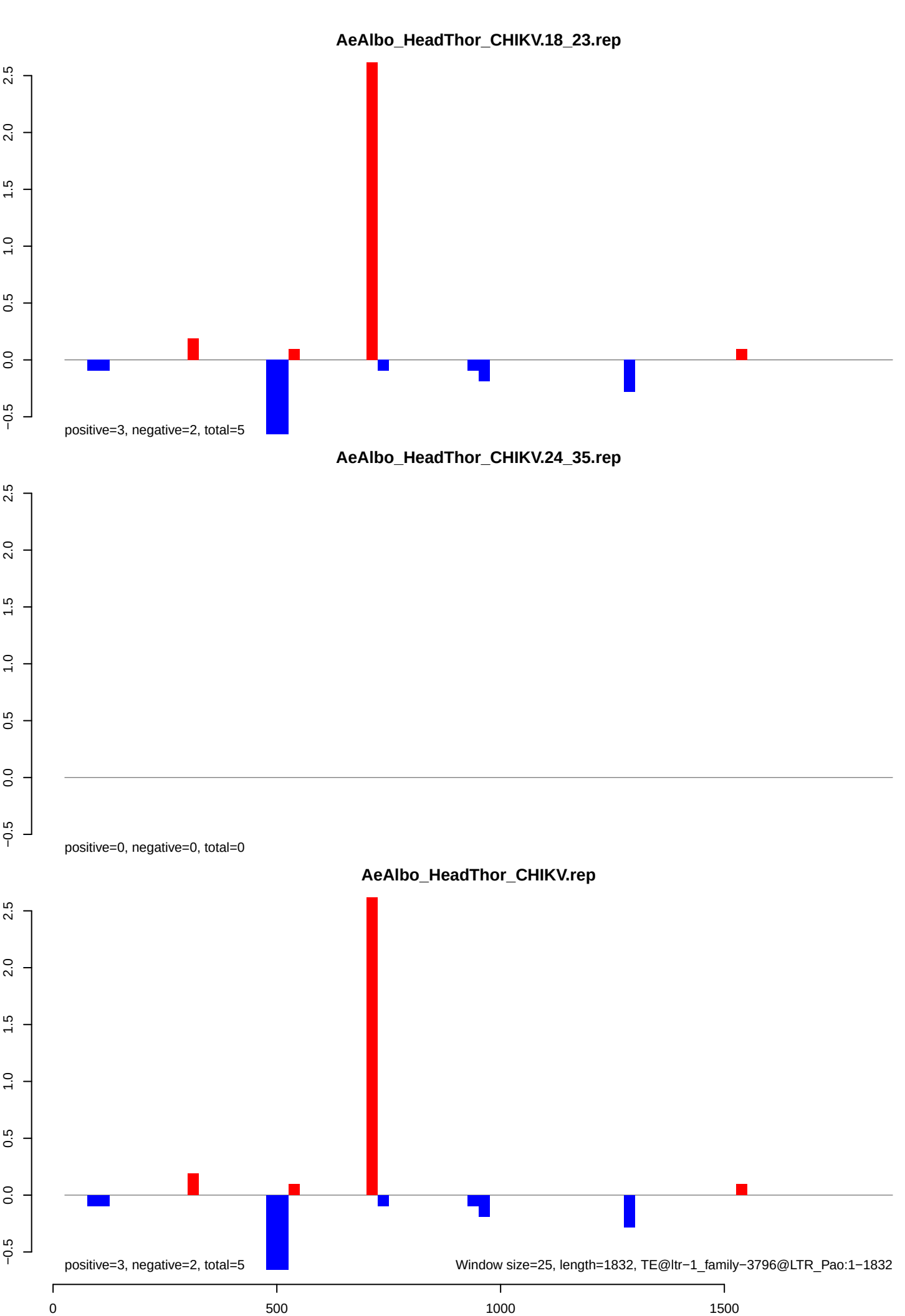

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=11, negative=24, total=35
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=24, total=38
Window size=25, length=691, TE@ltr−1_family−4137@DNA:1−691
0
100
200
300
400
500
600
700

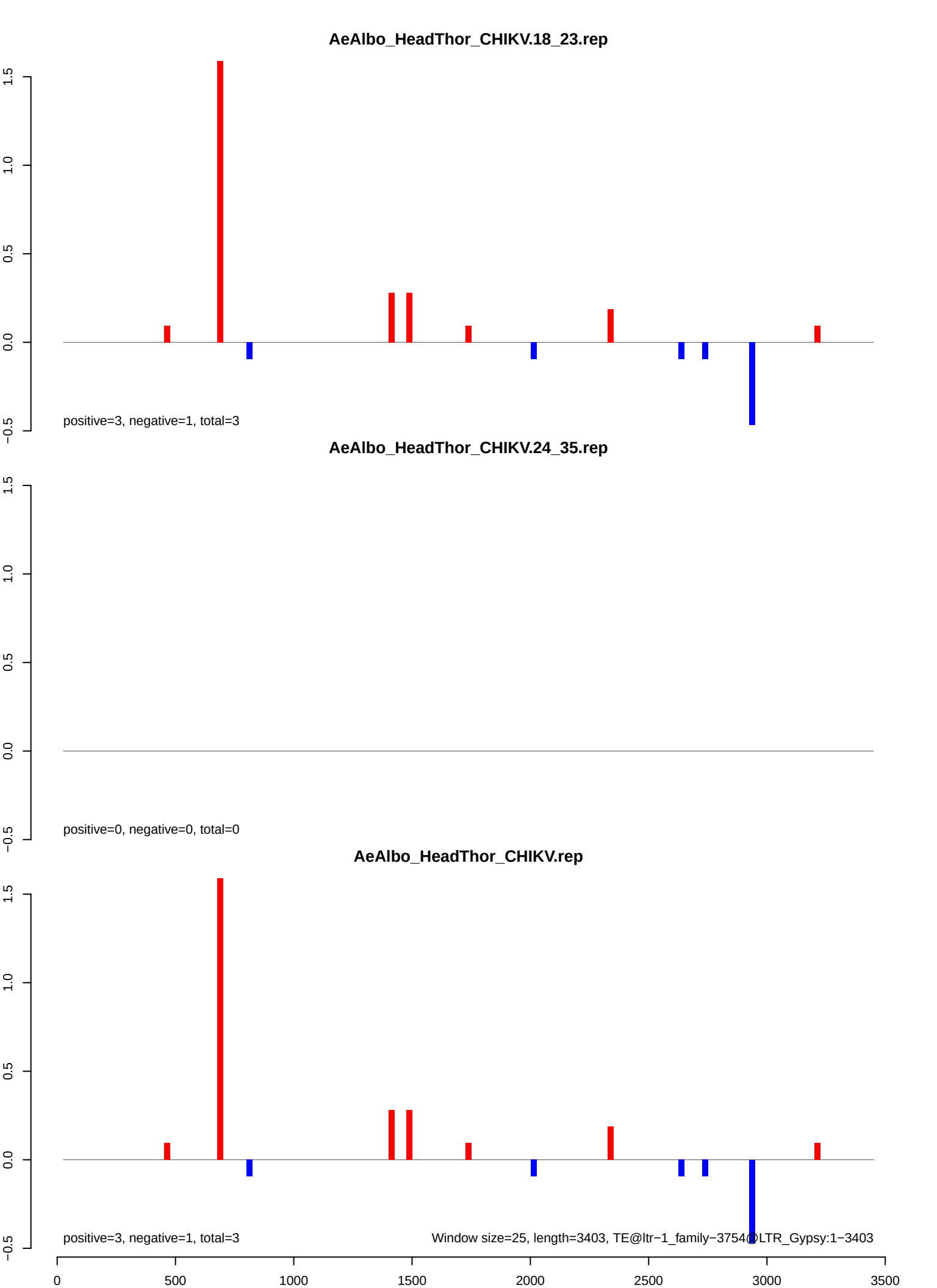

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
−6
positive=1, negative=7, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
−6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
−6
positive=1, negative=7, total=8
Window size=25, length=2954, TE@ltr−1_family−4045@LTR_Pao:1−2954
0
500
1000
1500
2000
2500
3000

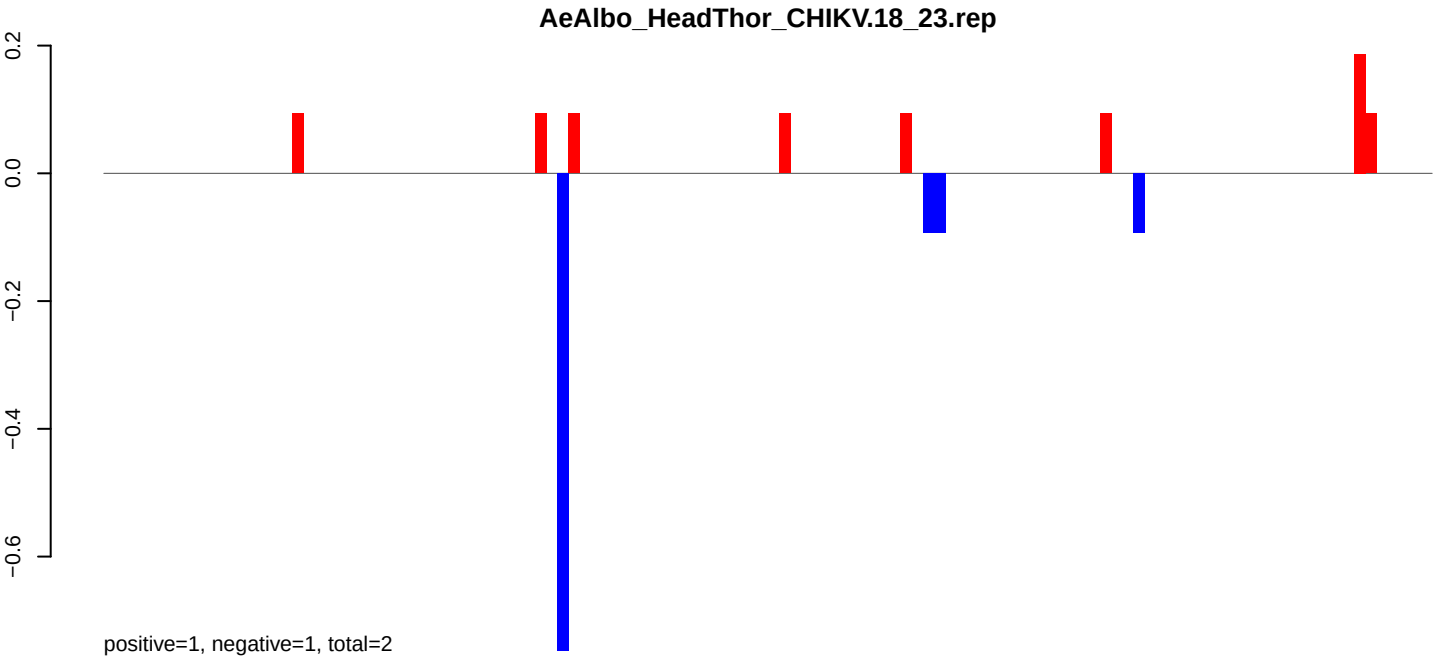

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3

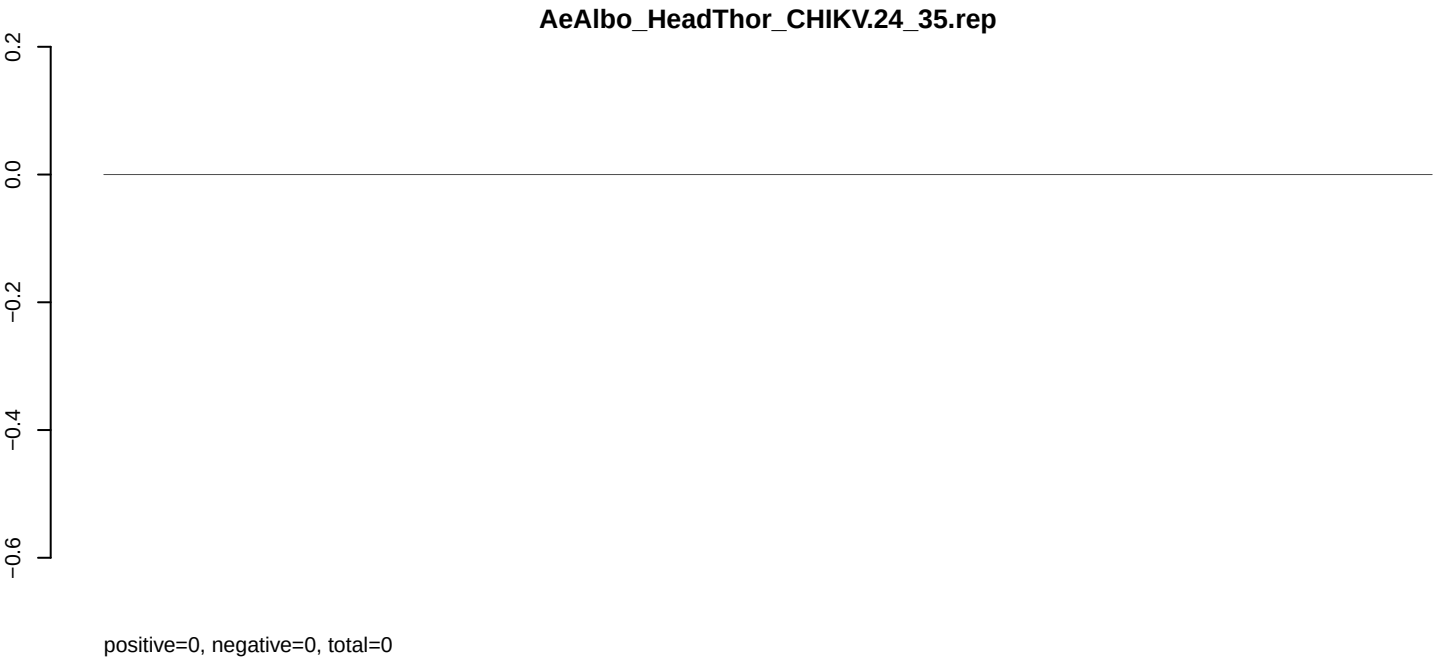

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

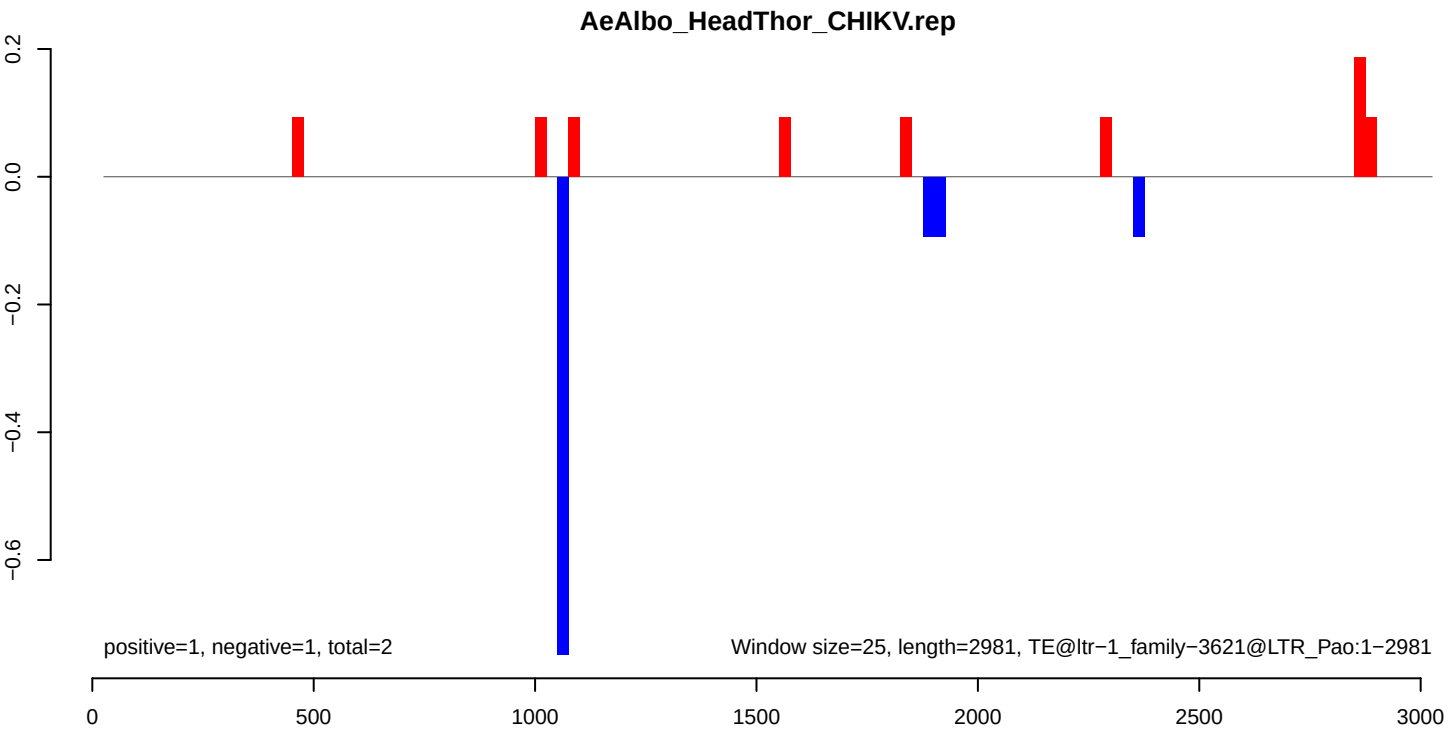

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3
Window size=25, length=2697, TE@ltr−1_family−3962@Unknown:1−2697
0
500
1000
1500
2000
2500

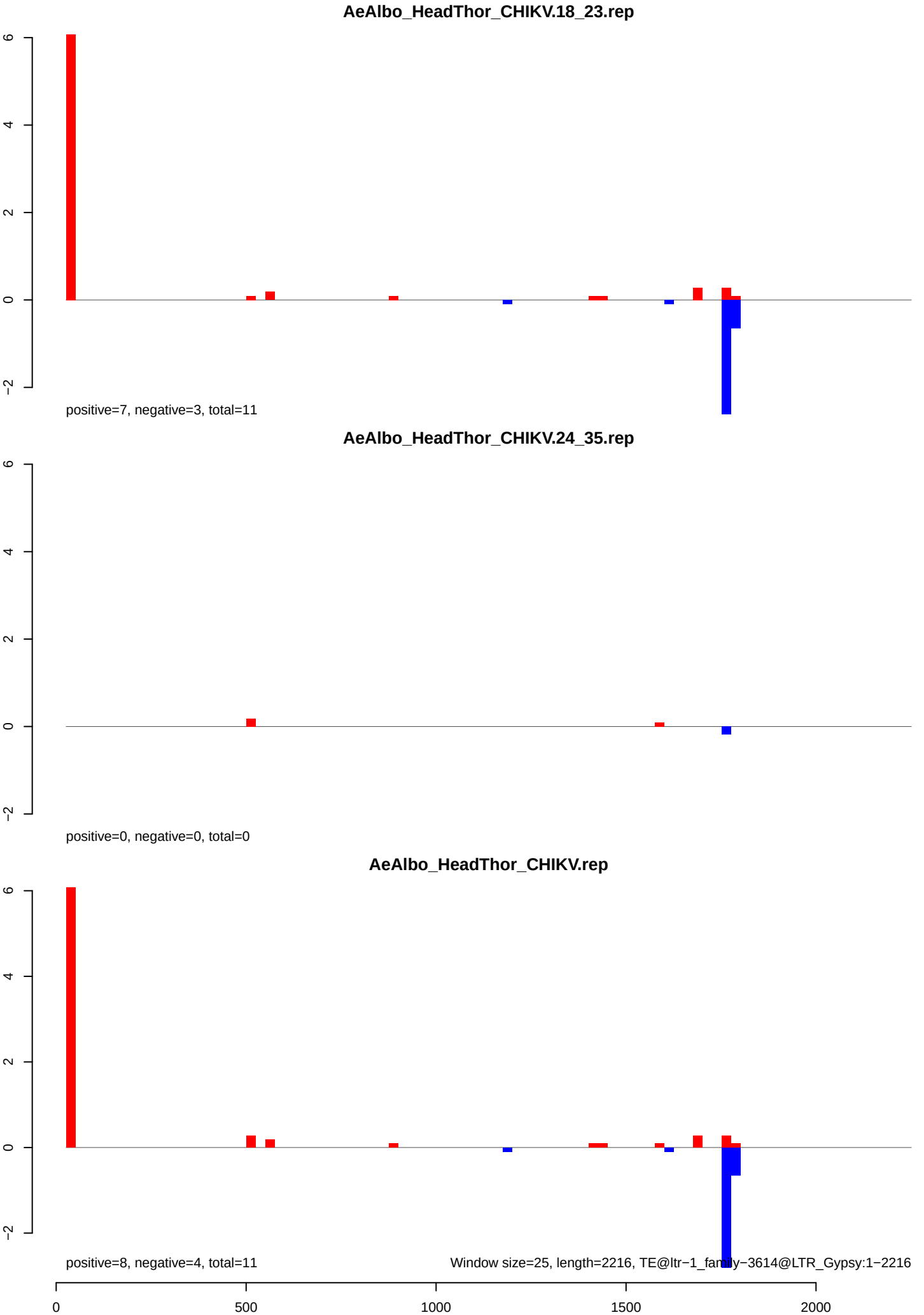

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=5
Window size=25, length=1832, TE@ltr−1_family−3796@LTR_Pao:1−1832
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
500
1000
1500

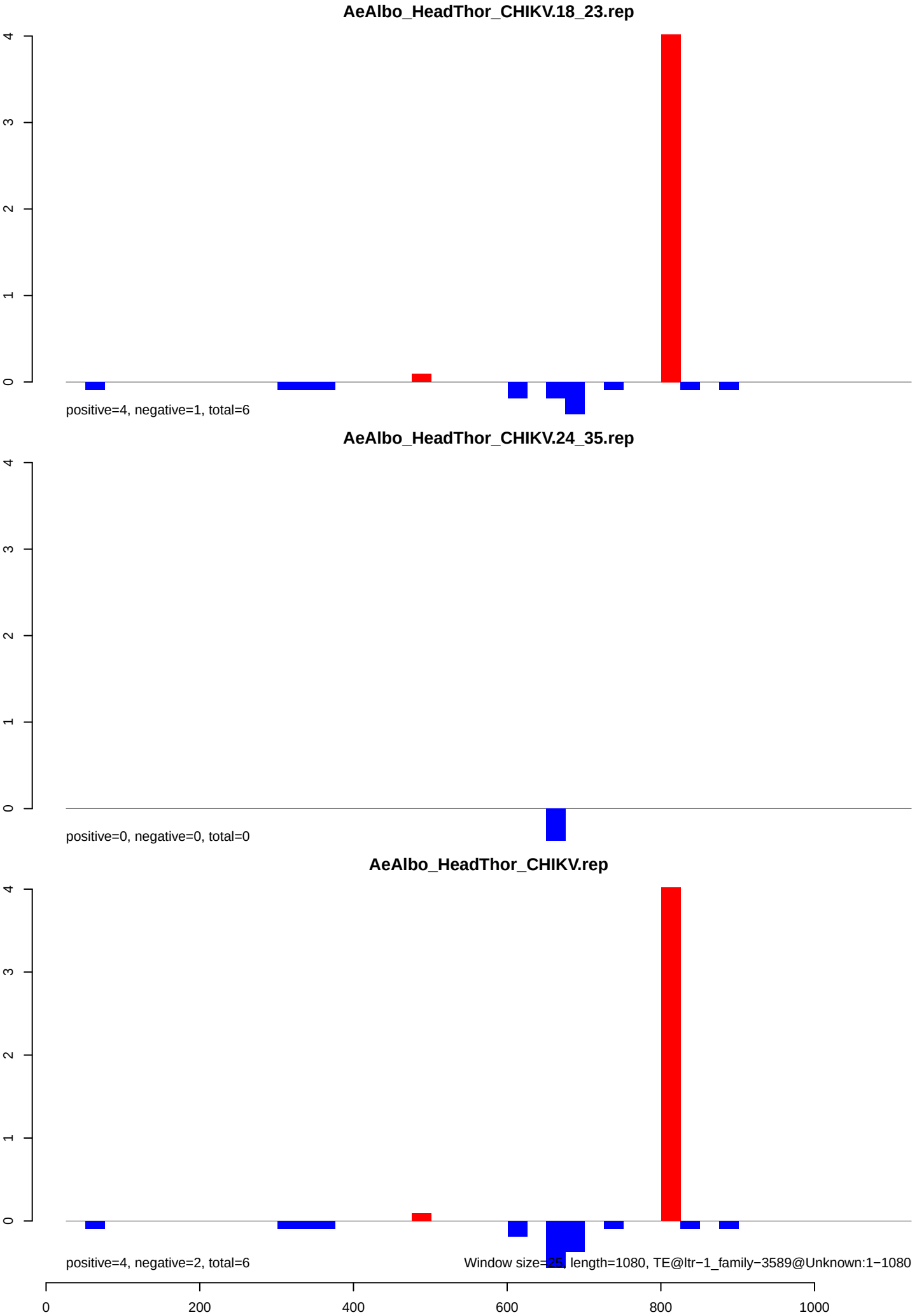

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=1, total=3
Window size=25, length=3403, TE@ltr−1_family−3754@LTR_Gypsy:1−3403
0
500
1000
1500
2000
2500
3000
3500

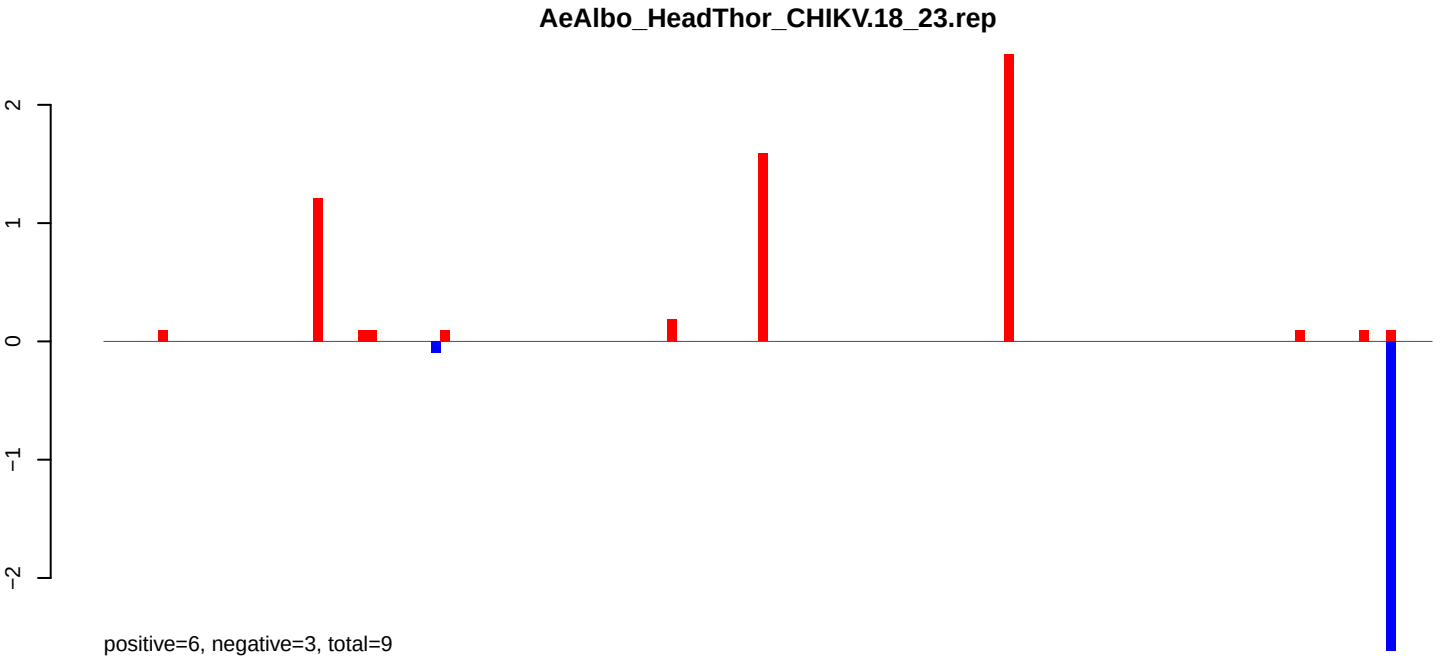

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2


AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

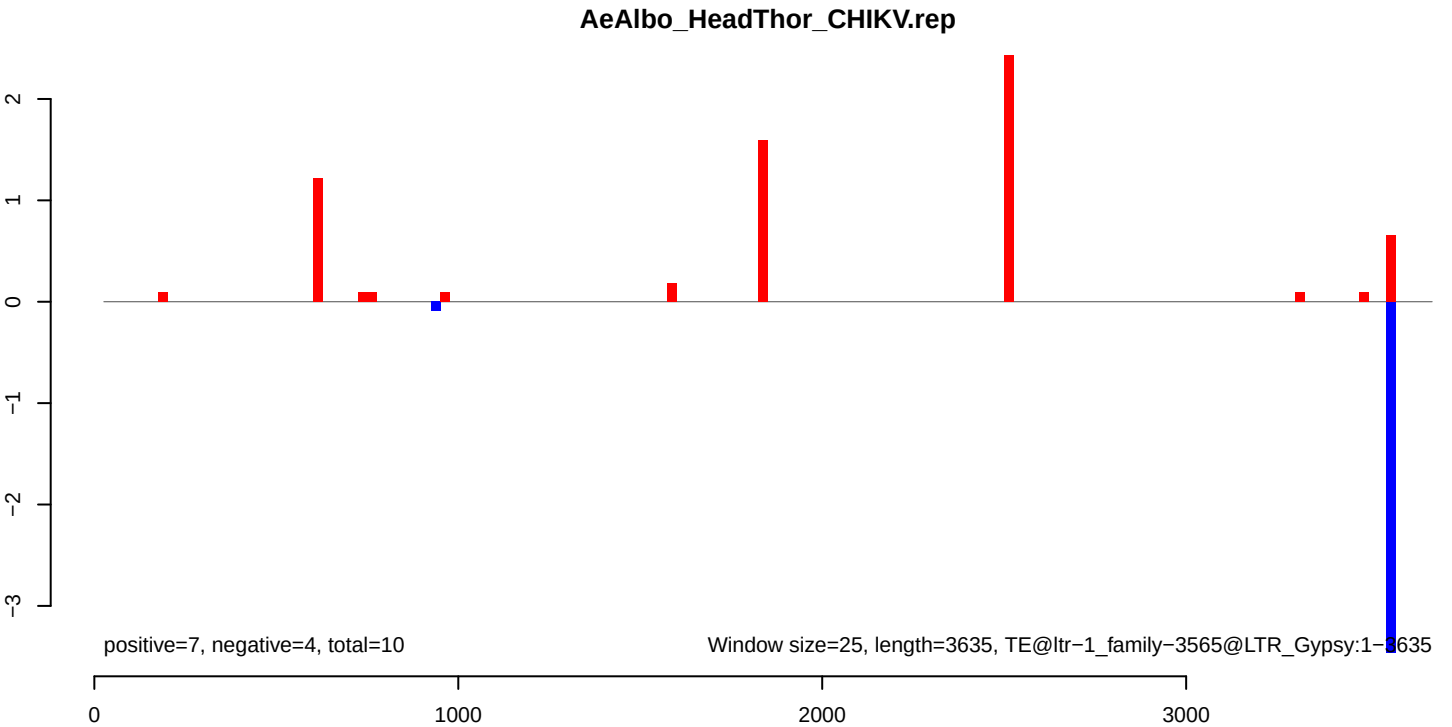

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
Window size=25, length=2981, TE@ltr−1_family−3621@LTR_Pao:1−2981
0
500
1000
1500
2000
2500
3000

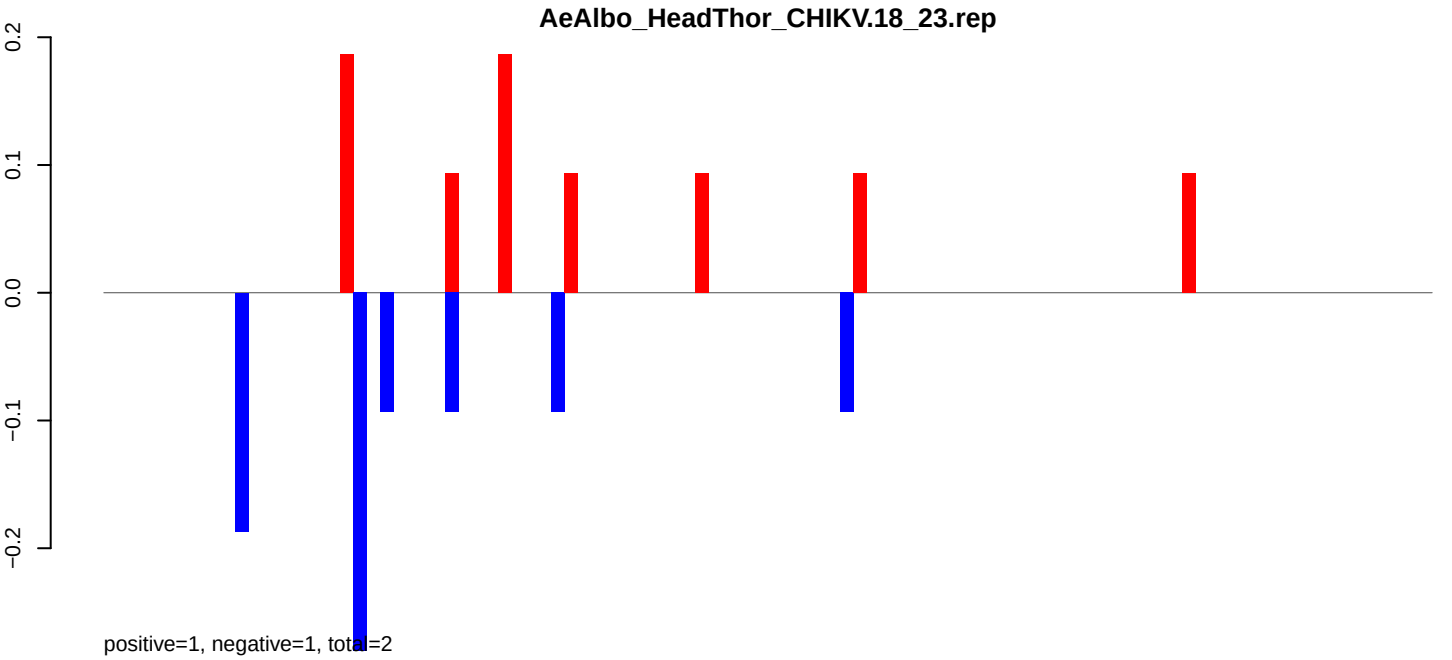

AeAlbo_HeadThor_CHIKV.18_23.rep
6
4
2
0
−2
positive=7, negative=3, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
6
4
2
0
−2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
6
4
2
0
−2
positive=8, negative=4, total=11
Window size=25, length=2216, TE@ltr−1_family−3614@LTR_Gypsy:1−2216
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=1, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=2, total=6
Window size=25, length=1080, TE@ltr−1_family−3589@Unknown:1−1080
0
200
400
600
800
1000

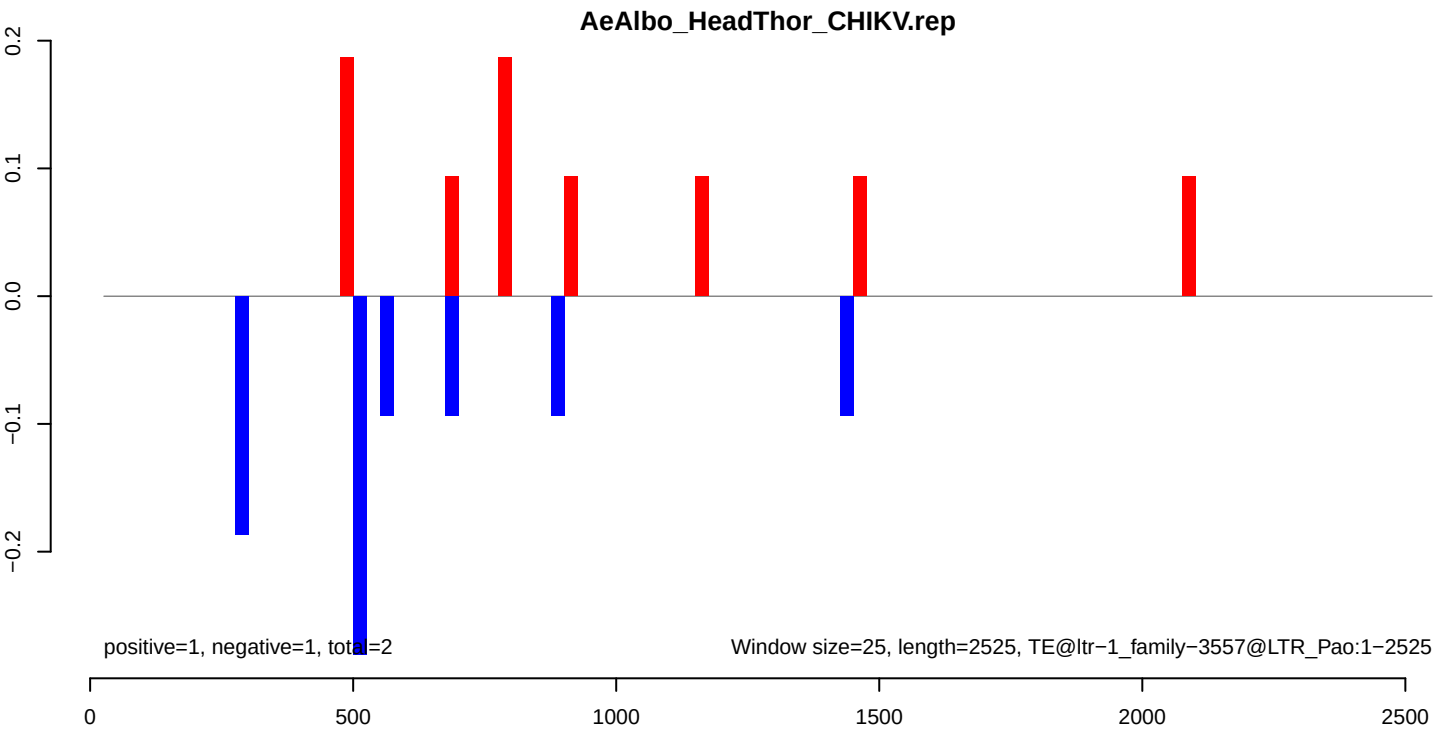

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
−2
positive=6, negative=3, total=9

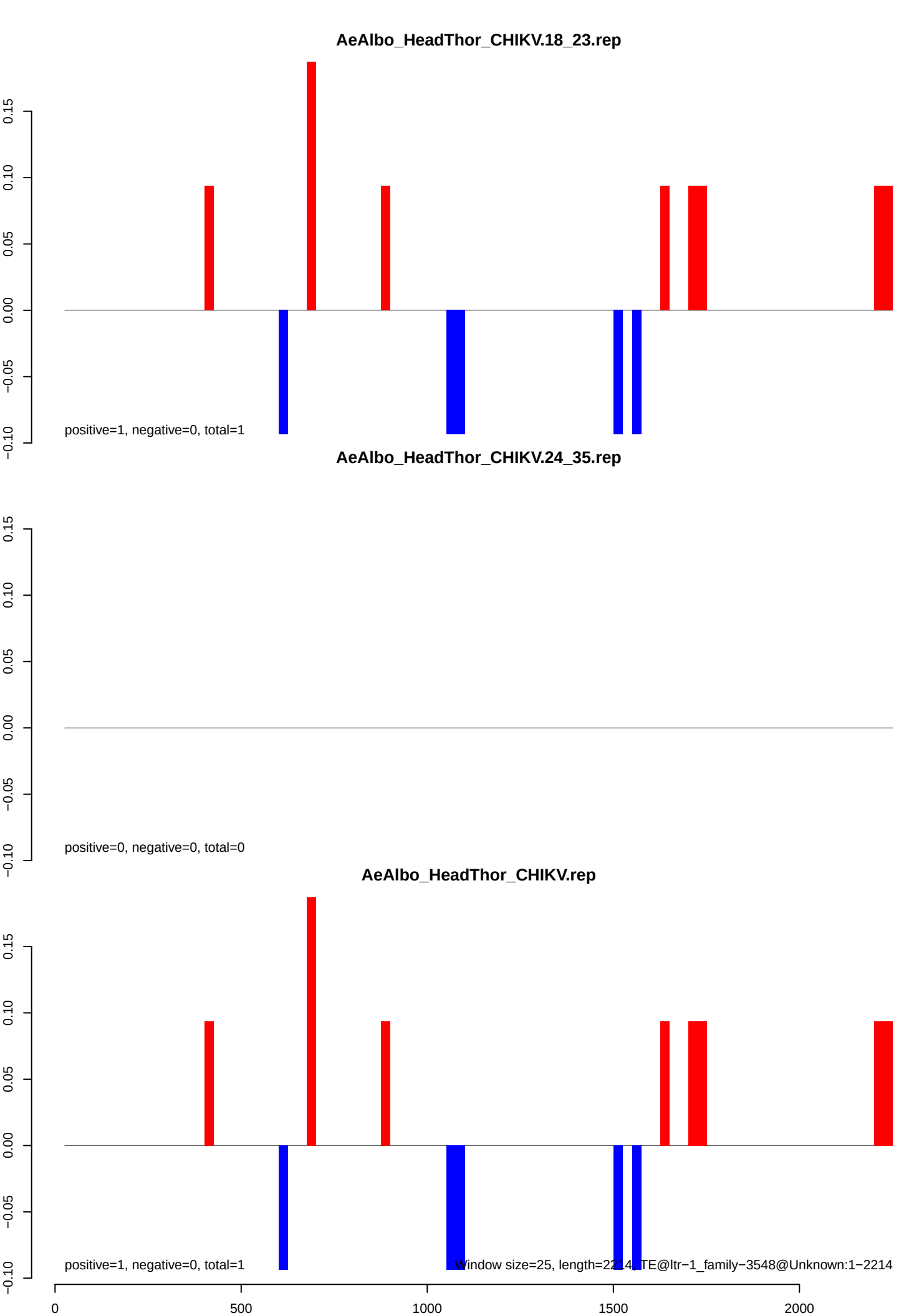
AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
−2
positive=1, negative=1, total=1

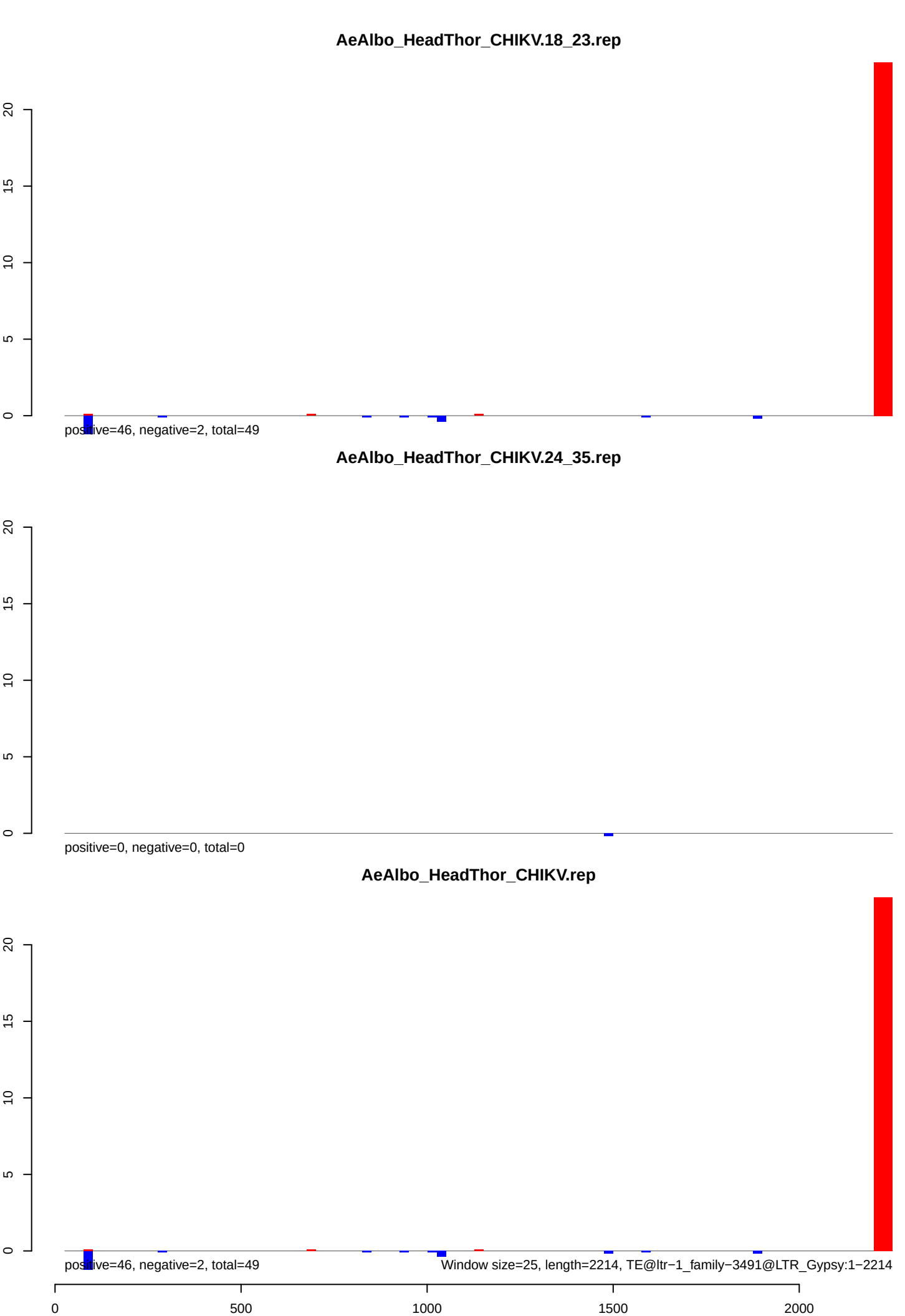

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
−2
−3
positive=7, negative=4, total=10
Window size=25, length=3635, TE@ltr−1_family−3565@LTR_Gypsy:1−3635
0
1000
2000
3000

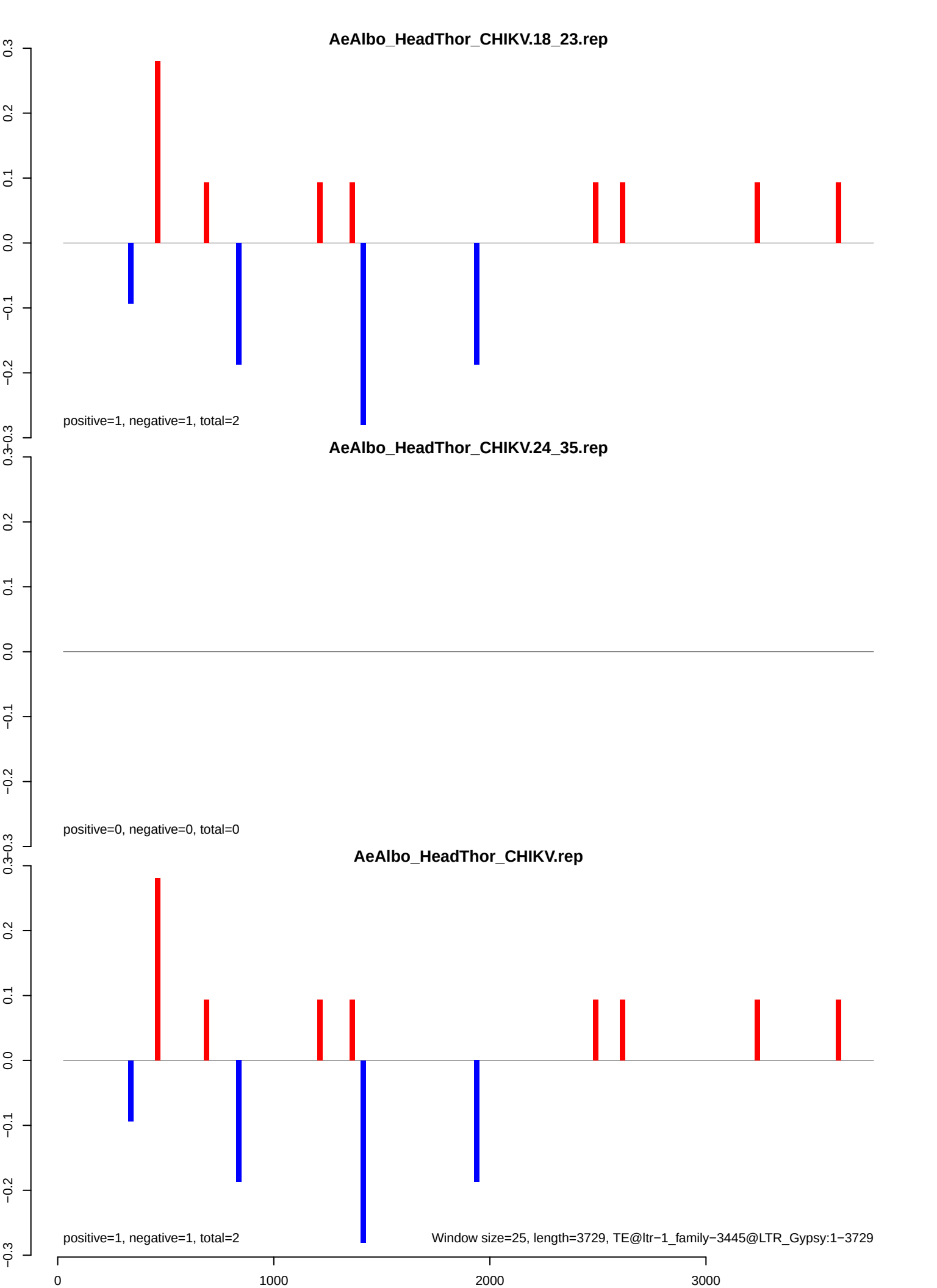

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2

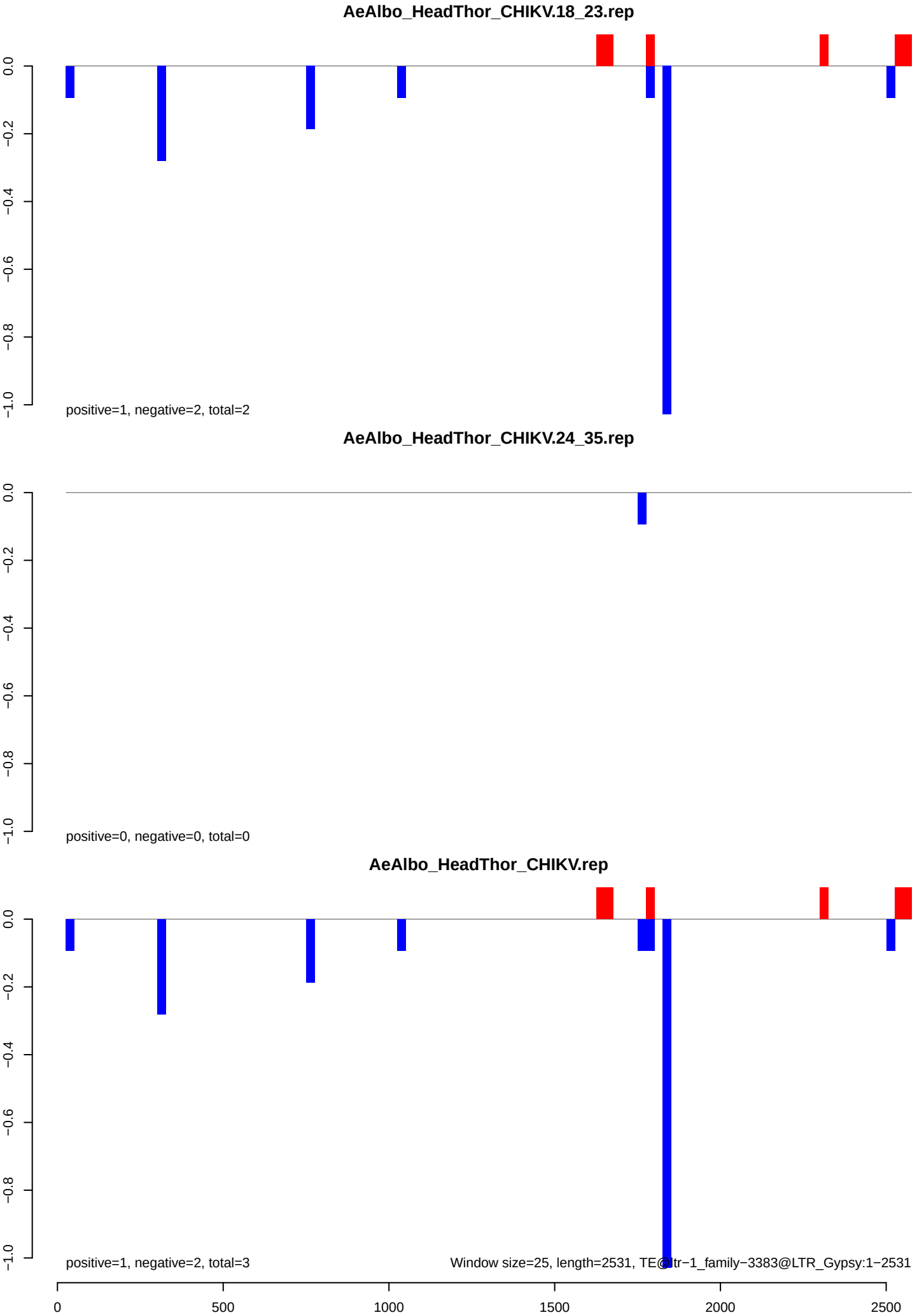
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

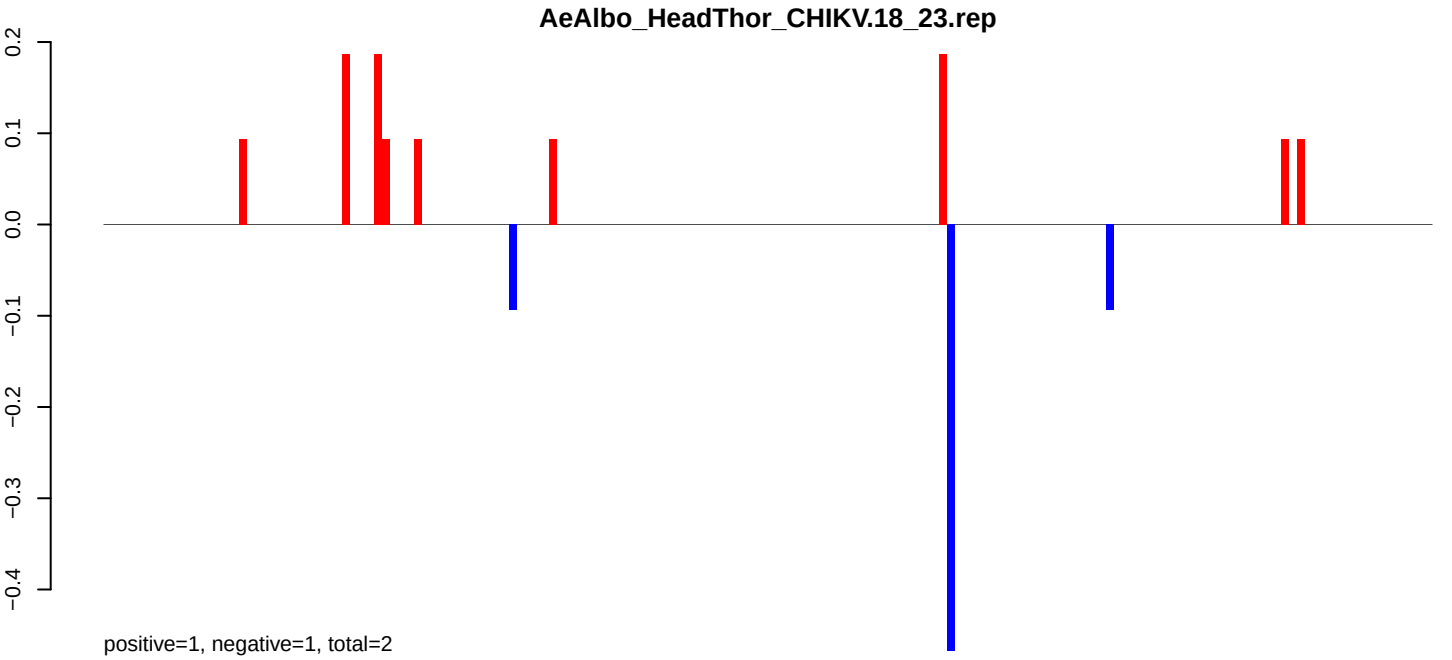

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=2525, TE@ltr−1_family−3557@LTR_Pao:1−2525
0
500
1000
1500
2000
2500

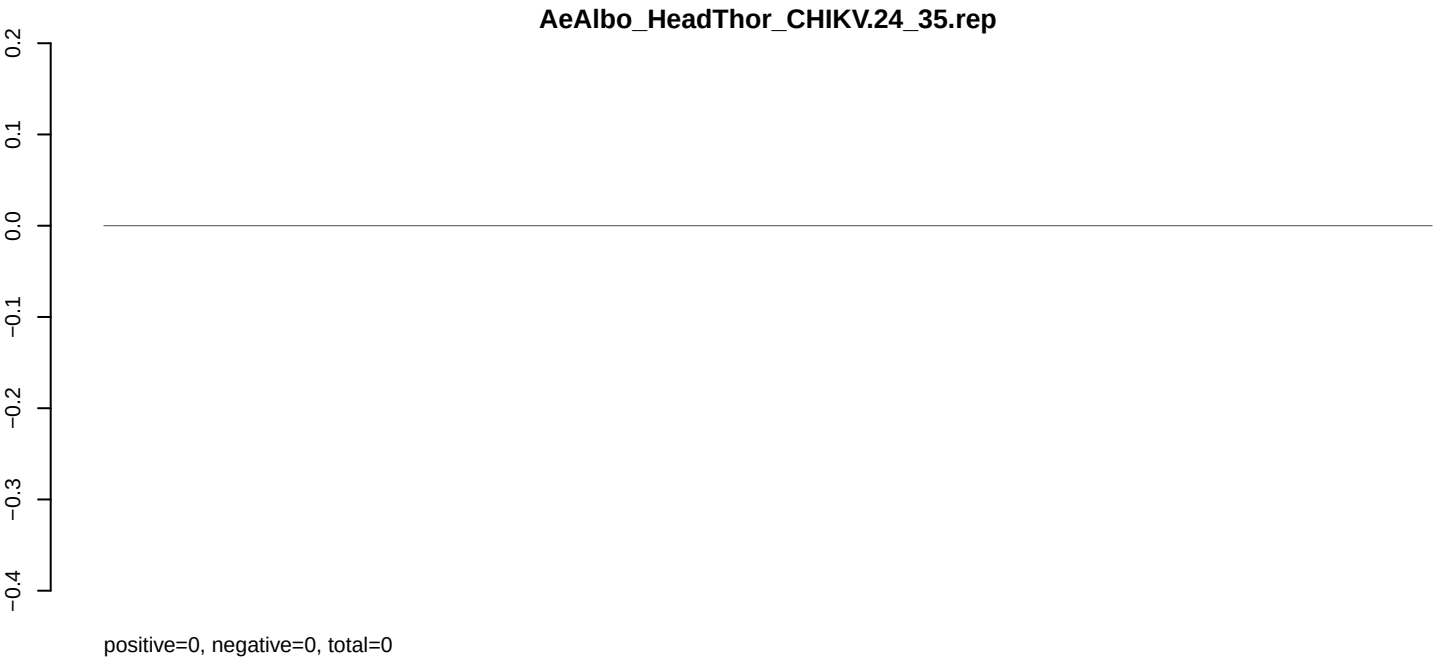

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=2214, TE@ltr−1_family−3548@Unknown:1−2214
0
500
1000
1500
2000

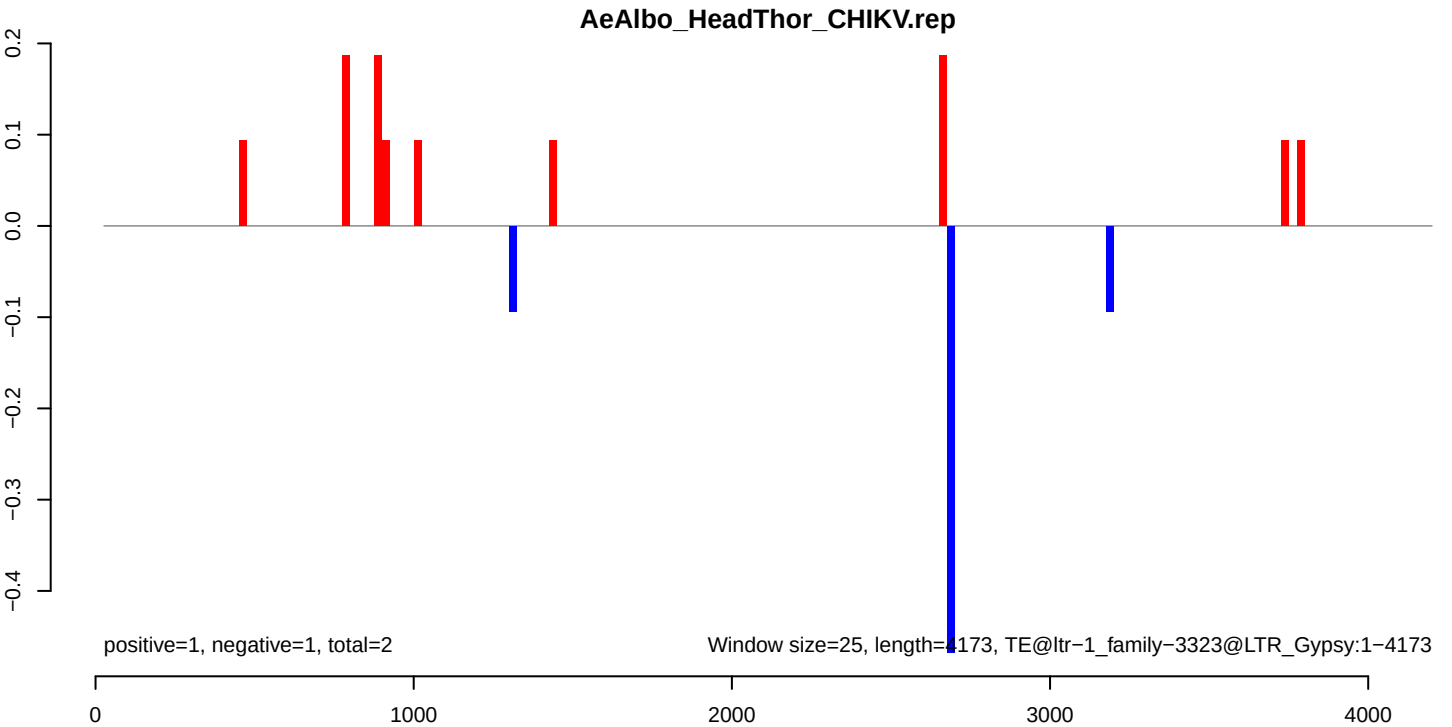

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=46, negative=2, total=49
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=46, negative=2, total=49
Window size=25, length=2214, TE@ltr−1_family−3491@LTR_Gypsy:1−2214
0
500
1000
1500
2000

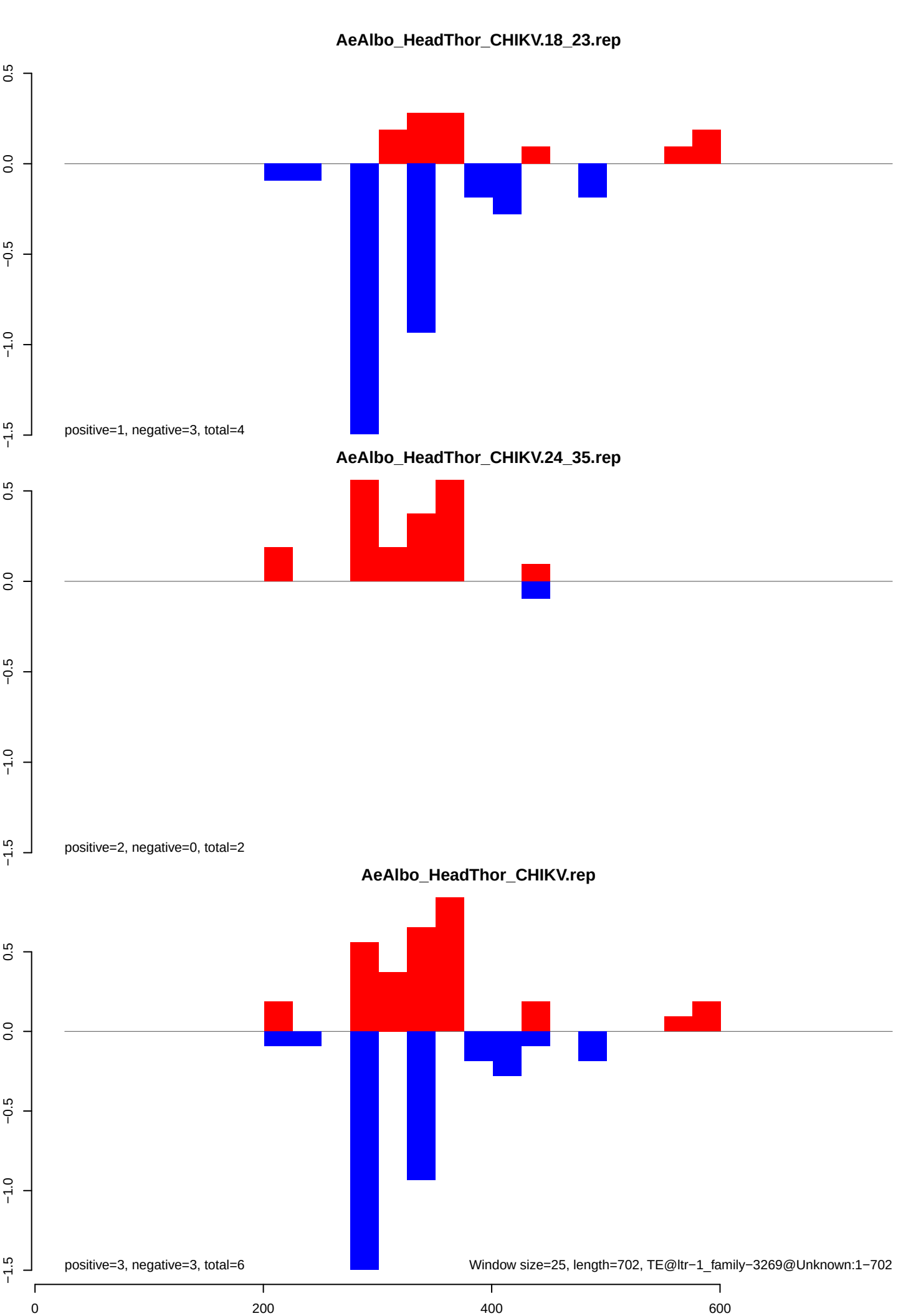

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=3729, TE@ltr−1_family−3445@LTR_Gypsy:1−3729
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000

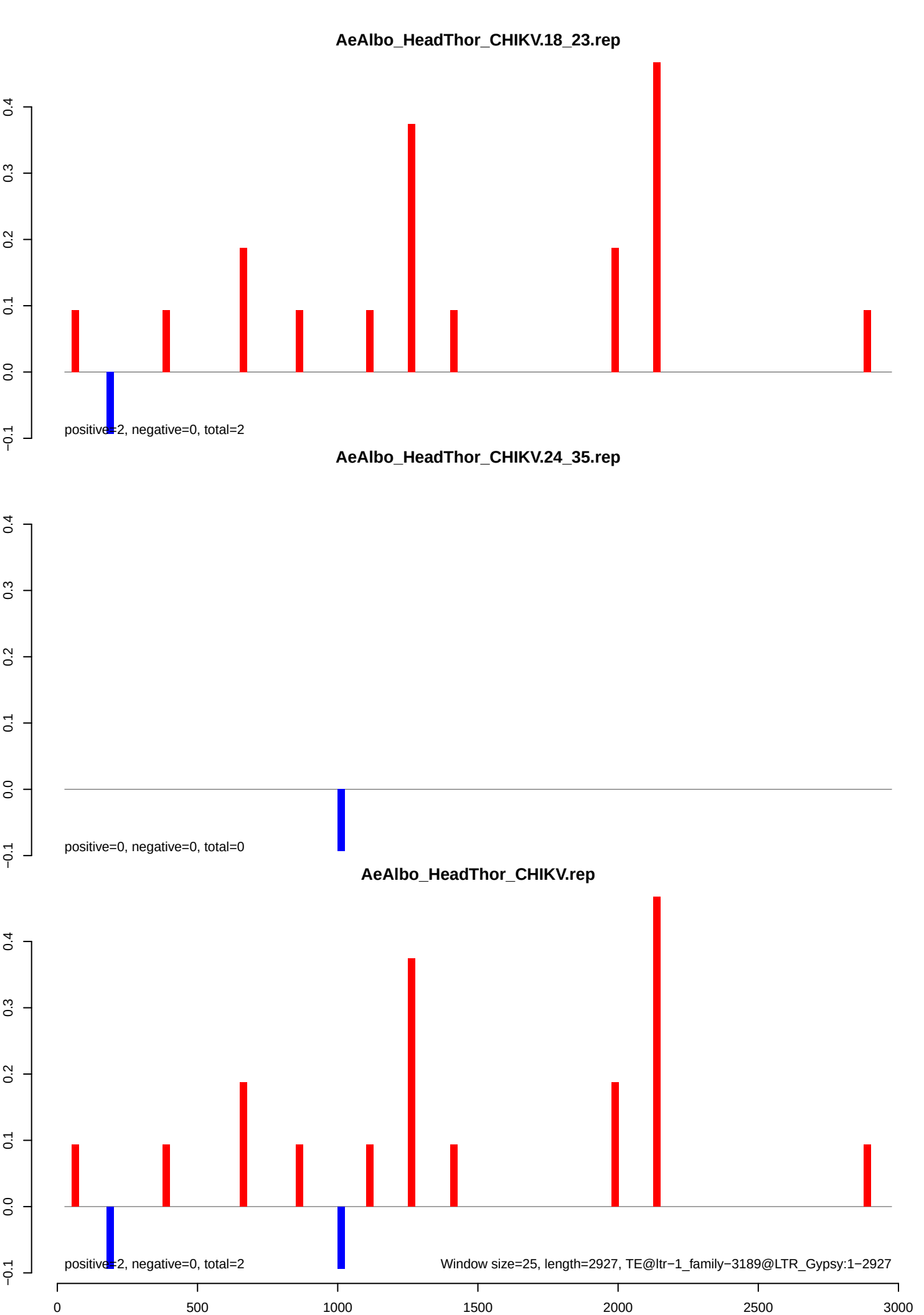

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=2, total=3
Window size=25, length=2531, TE@ltr−1_family−3383@LTR_Gypsy:1−2531
0
500
1000
1500
2000
2500

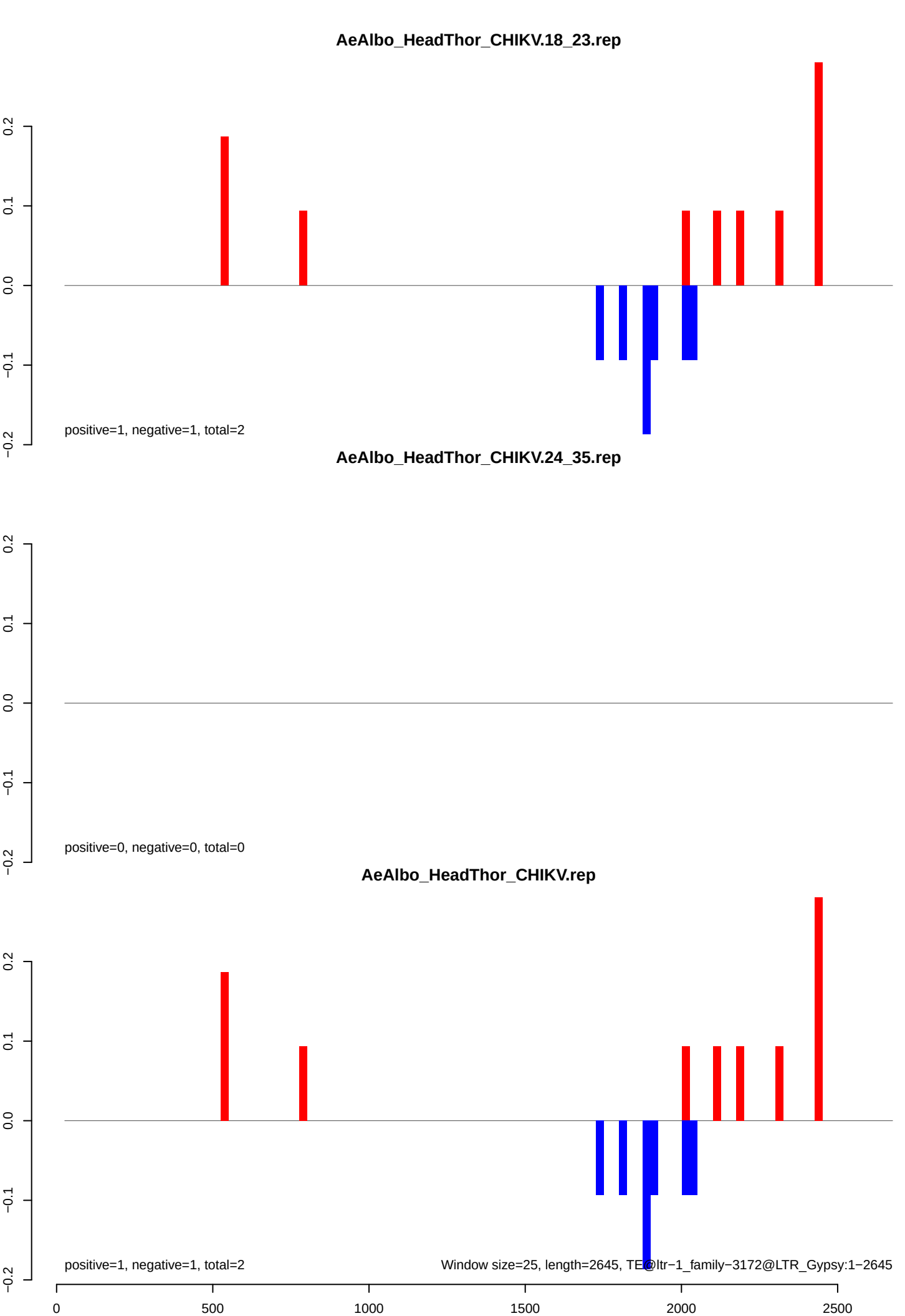

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=2

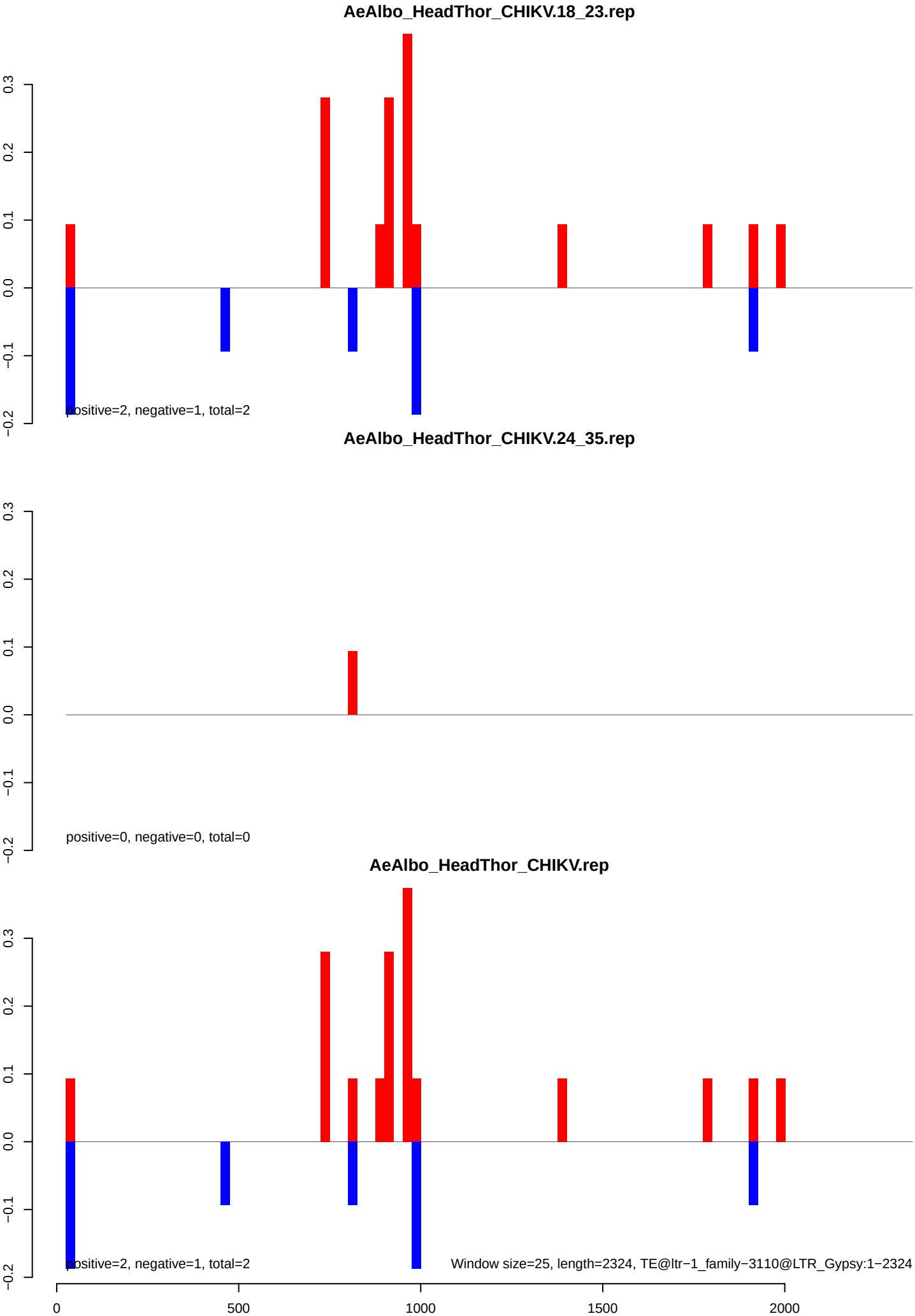

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

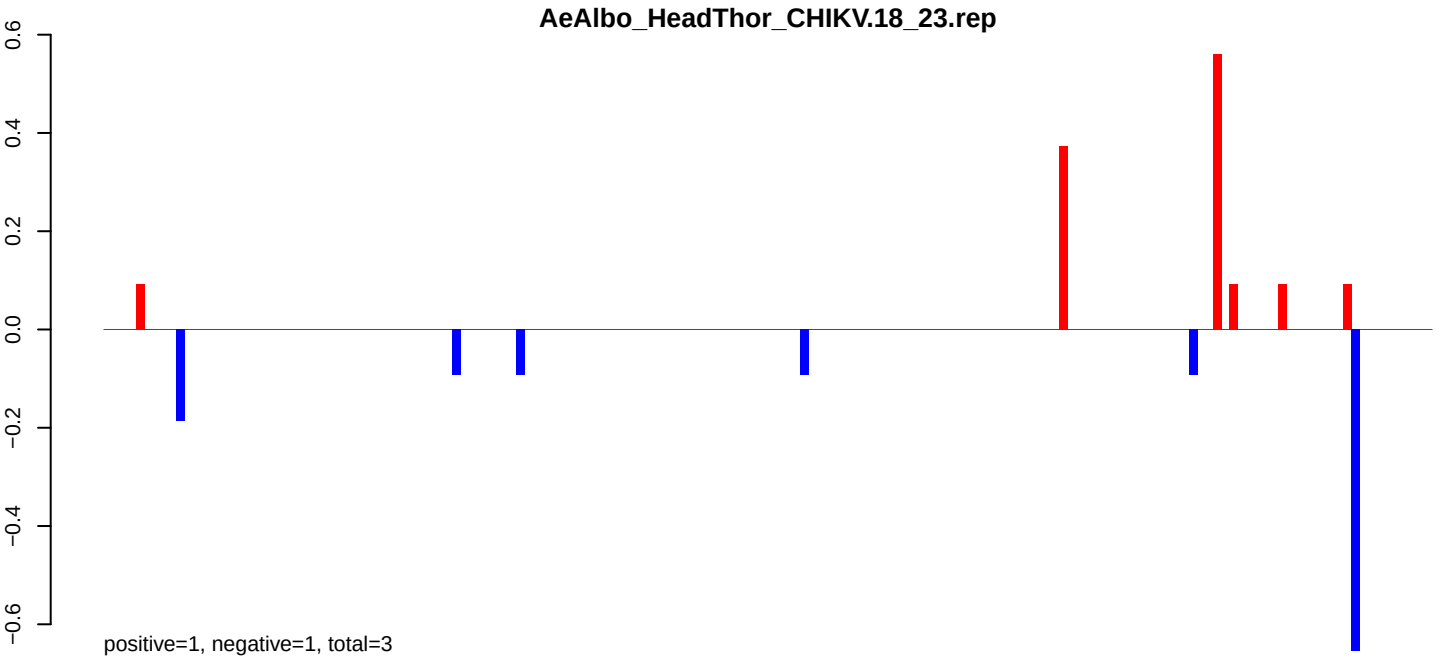

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=2
Window size=25, length=4173, TE@ltr−1_family−3323@LTR_Gypsy:1−4173
0
1000
2000
3000
4000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=3, negative=3, total=6
Window size=25, length=702, TE@ltr−1_family−3269@Unknown:1−702
0
200
400
600

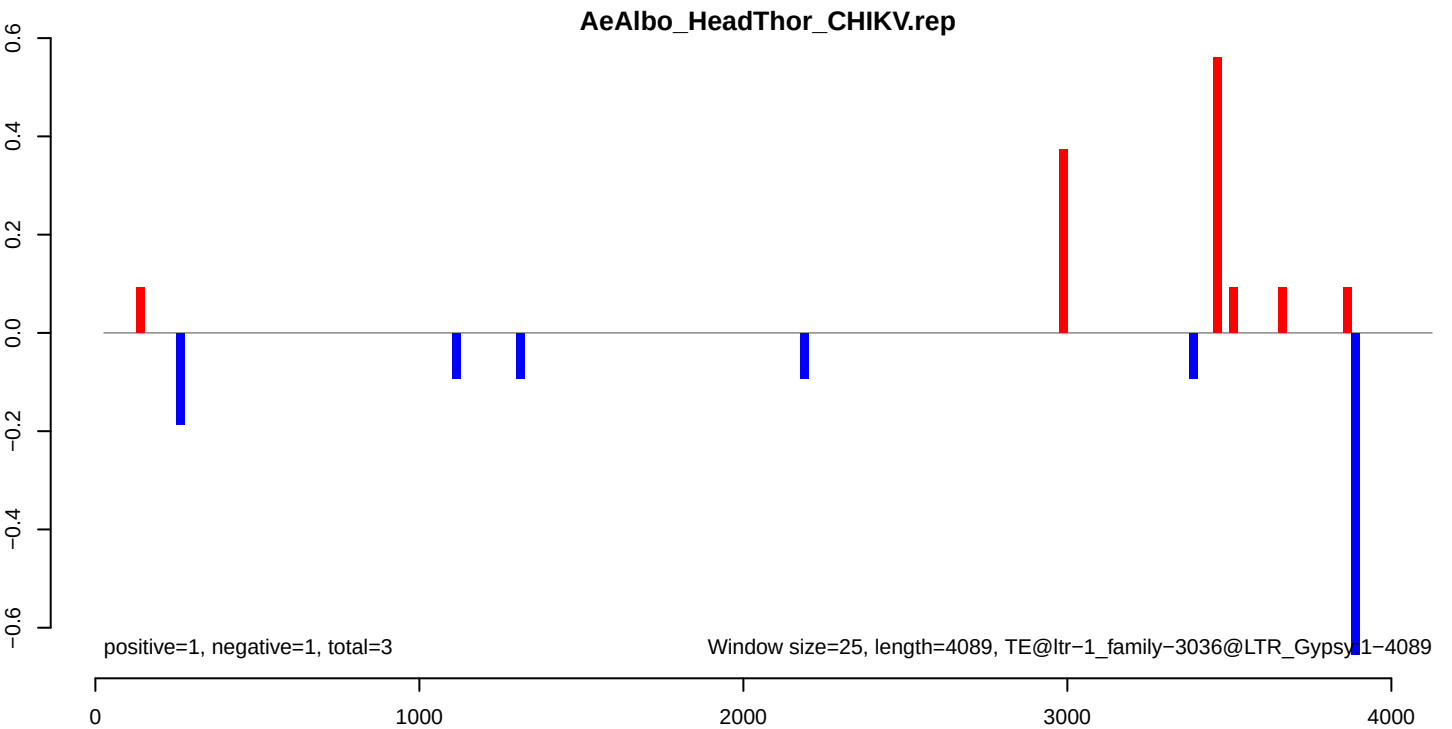

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
Window size=25, length=2927, TE@ltr−1_family−3189@LTR_Gypsy:1−2927
0
500
1000
1500
2000
2500
3000

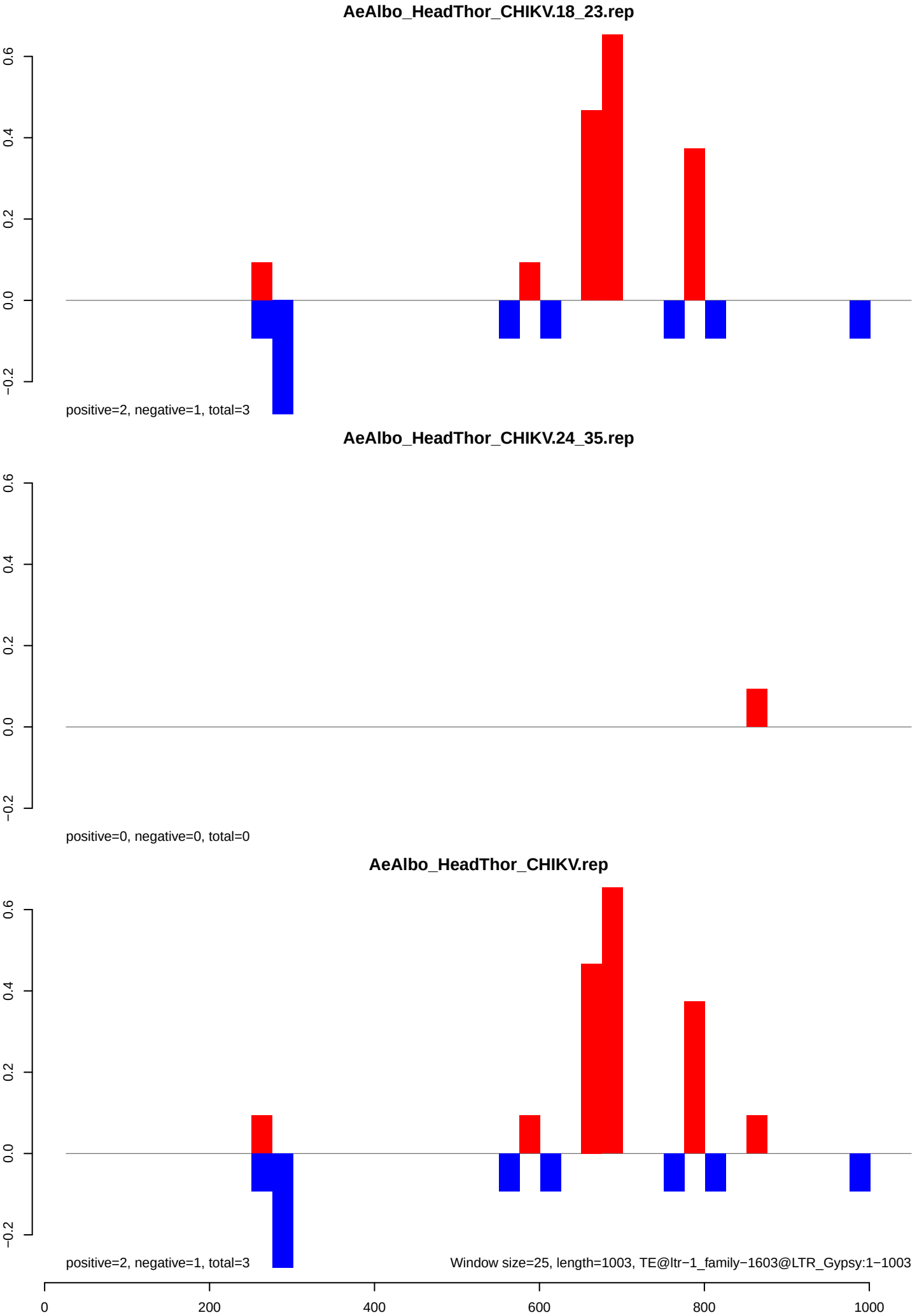

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=2645, TE@ltr−1_family−3172@LTR_Gypsy:1−2645
0
500
1000
1500
2000
2500

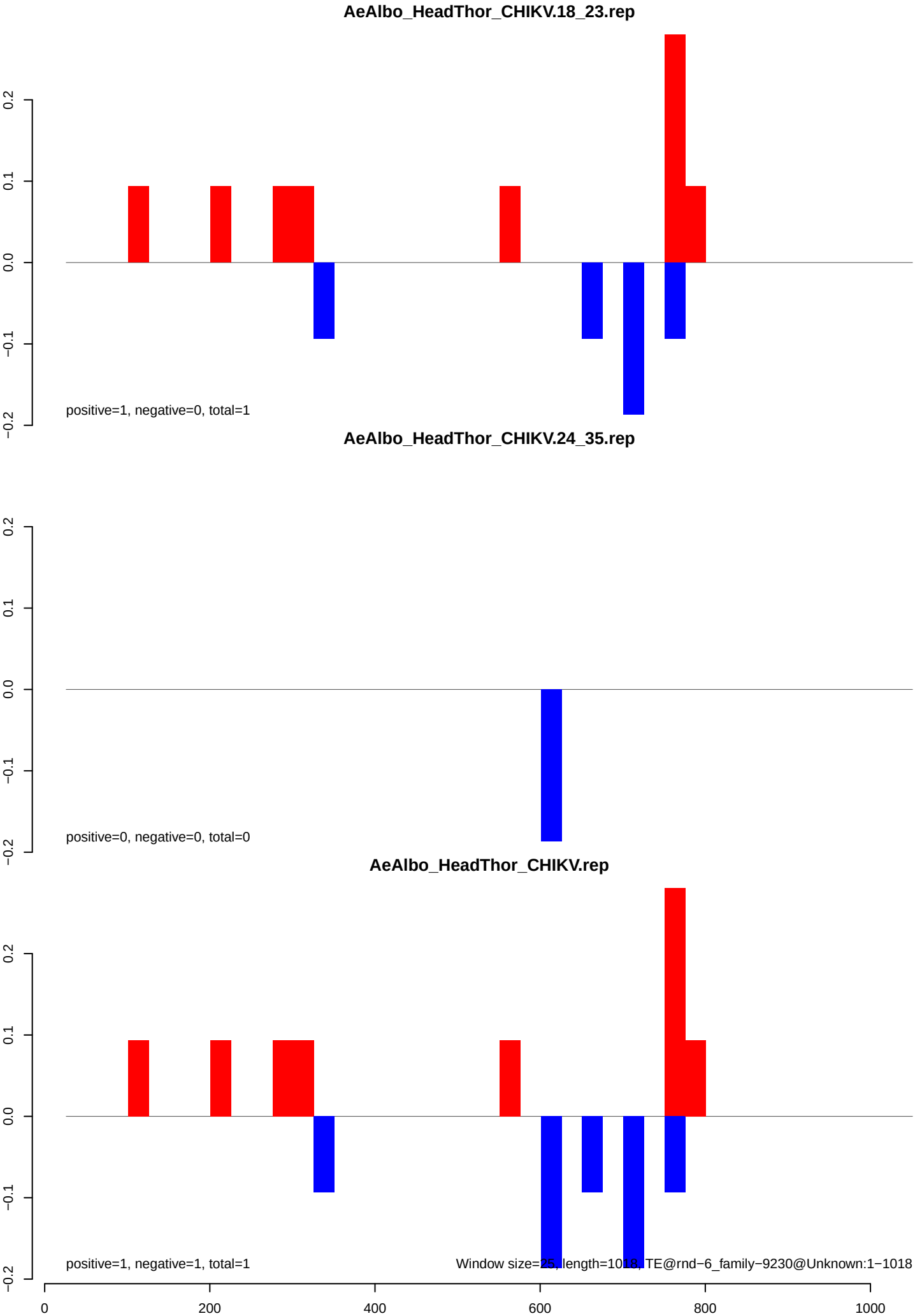

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=2, negative=1, total=2
Window size=25, length=2324, TE@ltr−1_family−3110@LTR_Gypsy:1−2324
0
500
1000
1500
2000

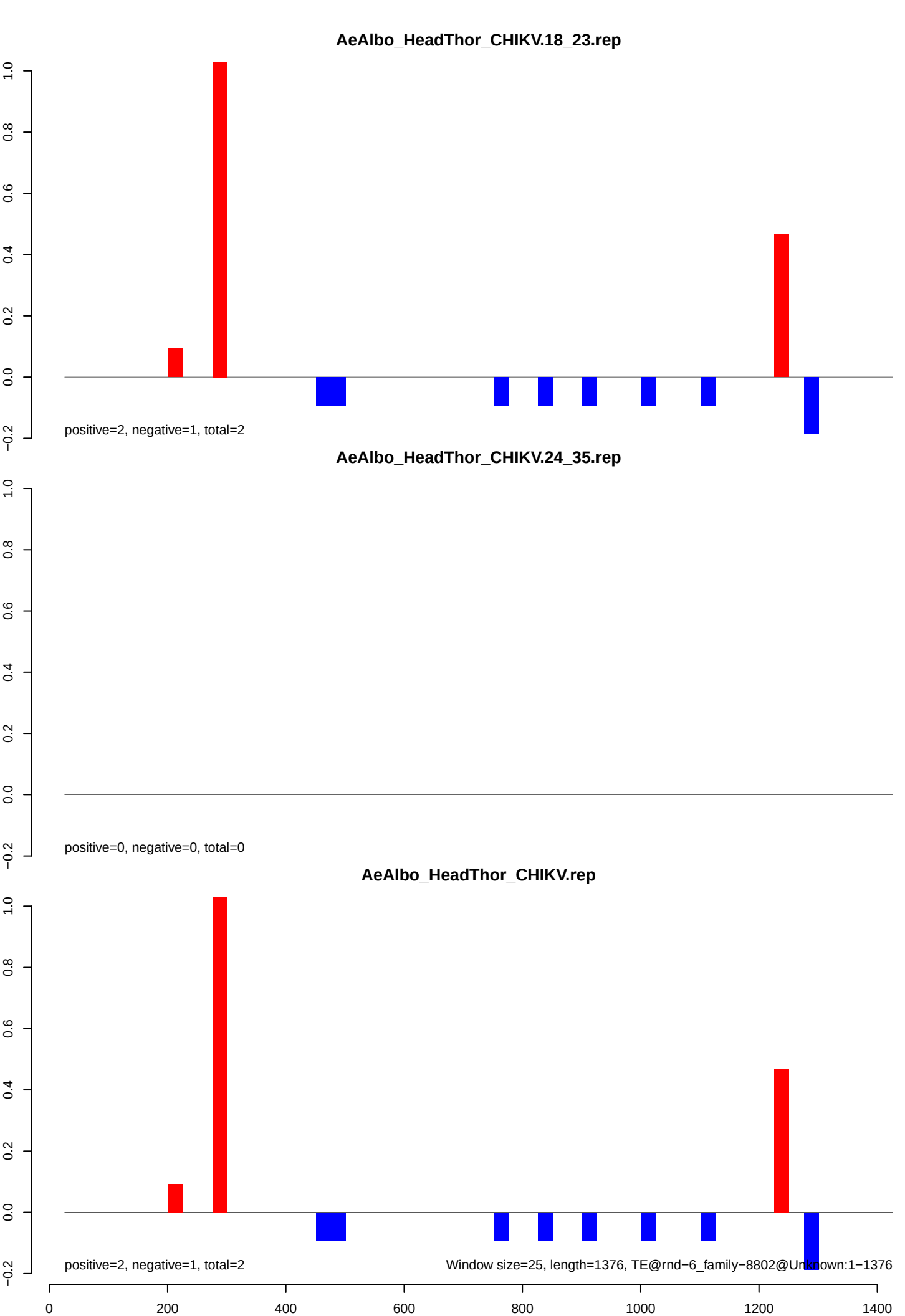

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=3

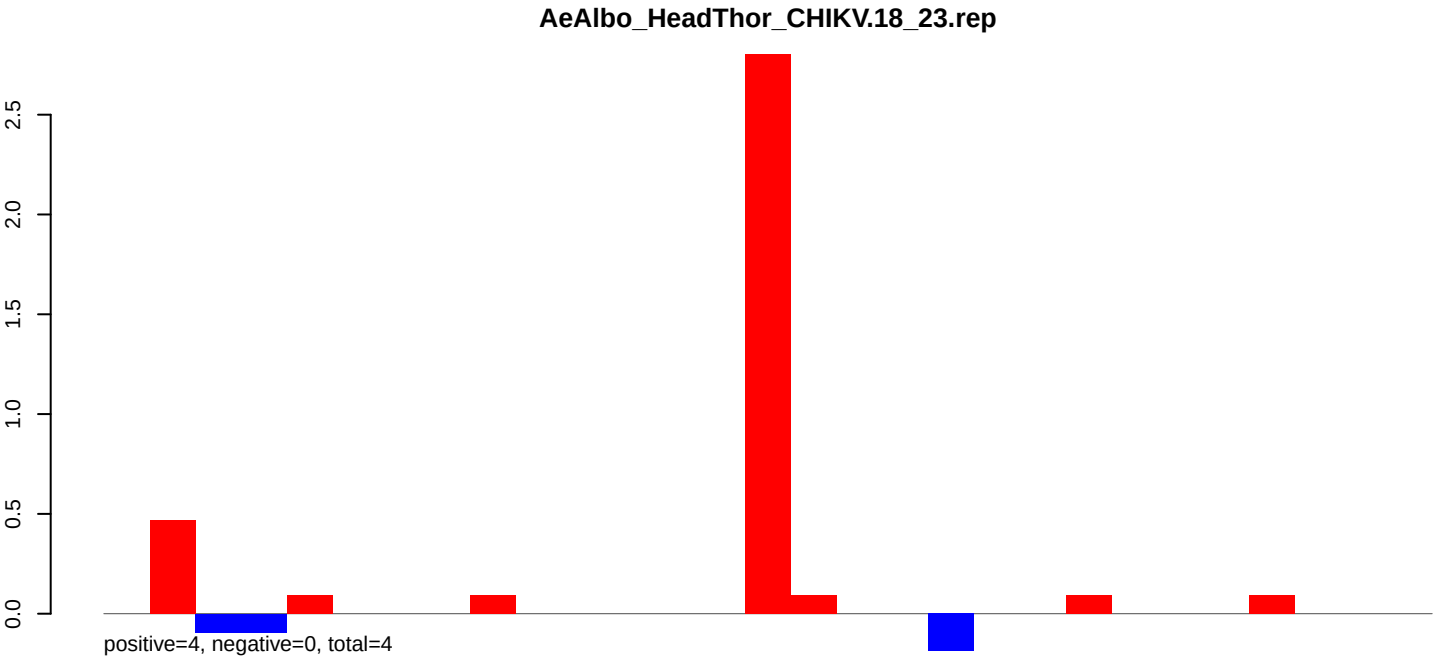
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

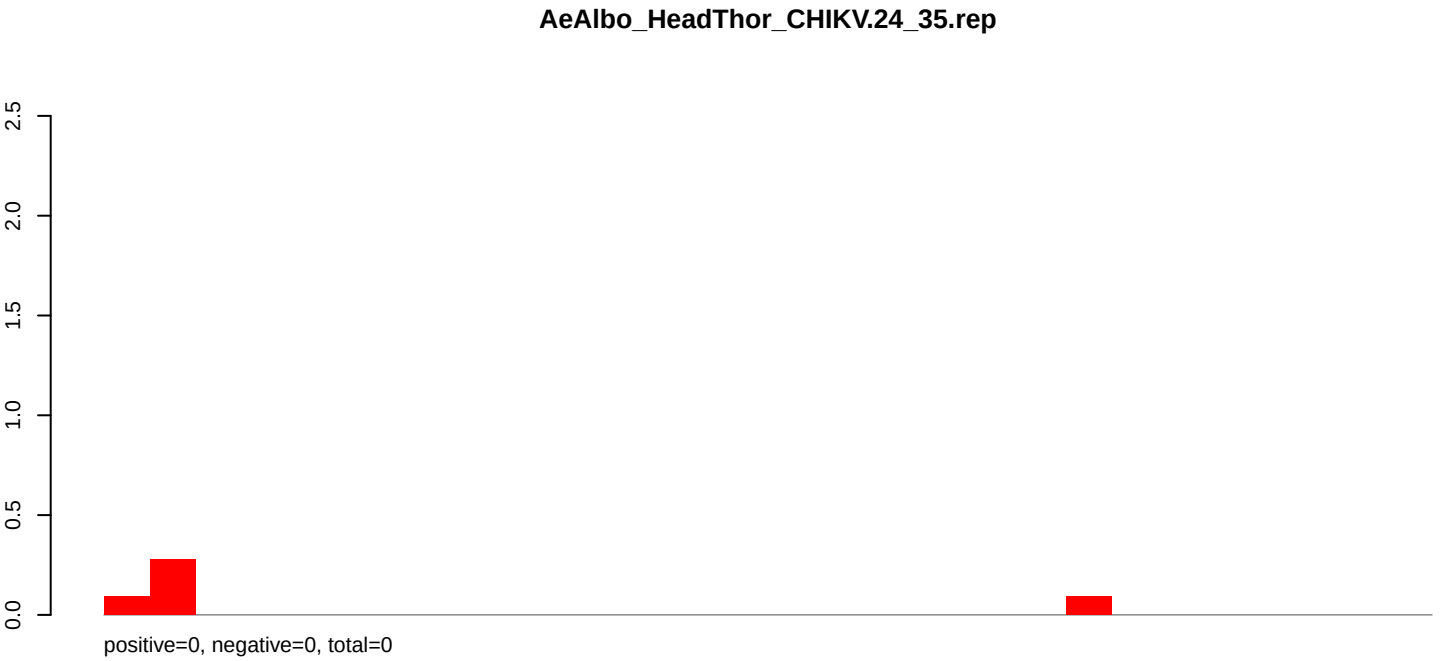

AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=3
Window size=25, length=4089, TE@ltr−1_family−3036@LTR_Gypsy−1−4089
0
1000
2000
3000
4000

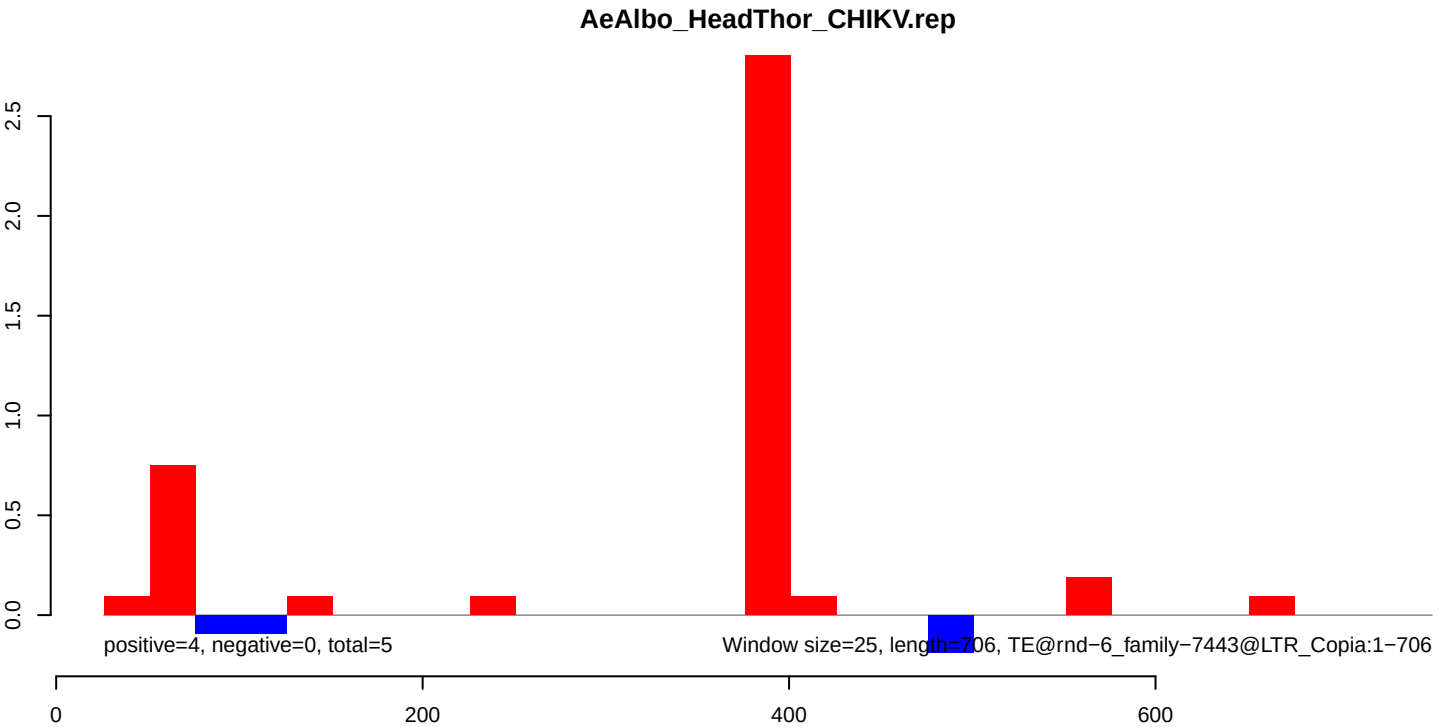

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=1003, TE@ltr−1_family−1603@LTR_Gypsy:1−1003
0
200
400
600
800
1000

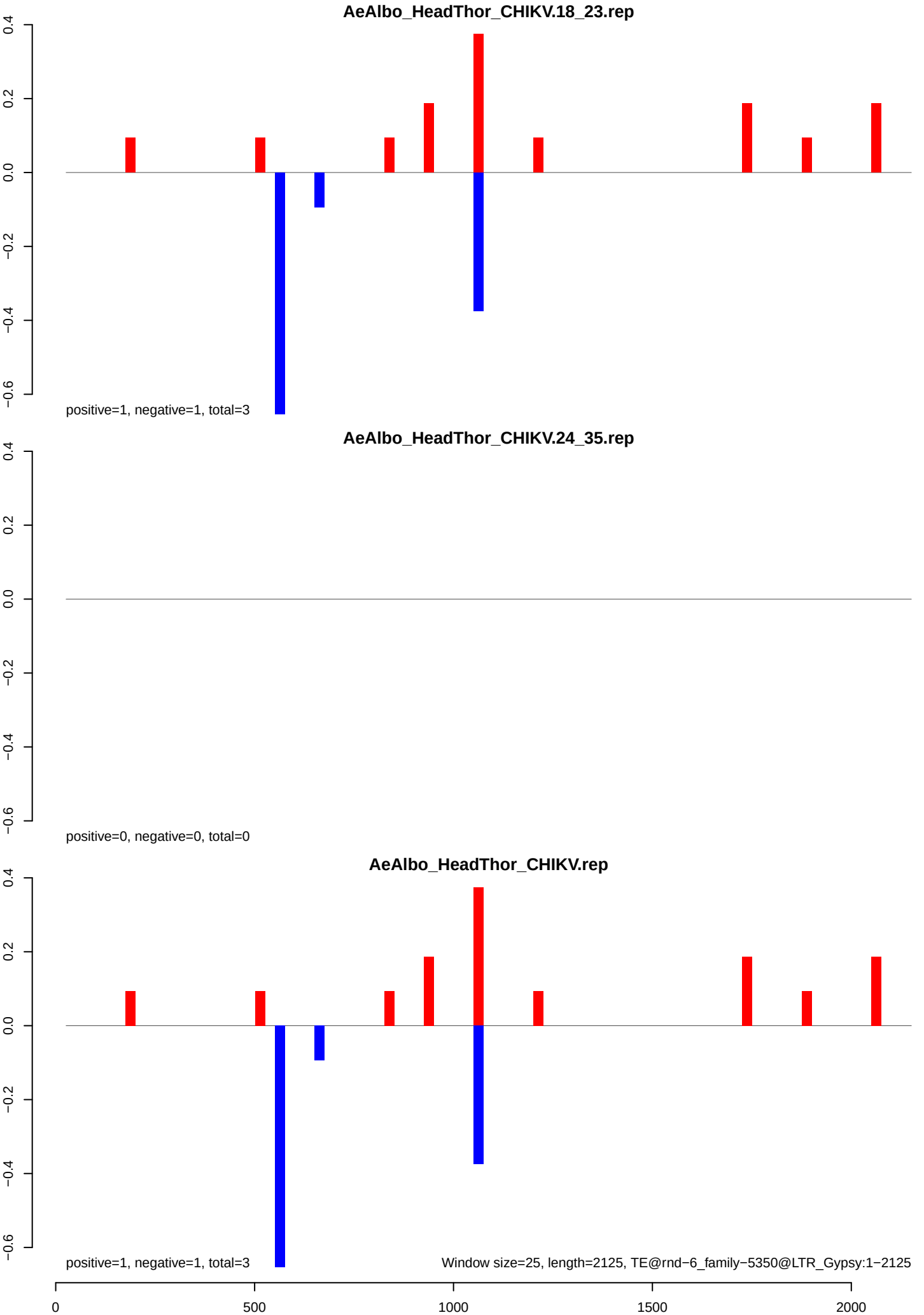

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=1
Window size=25, length=1018, TE@rnd−6_family−9230@Unknown:1−1018
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000

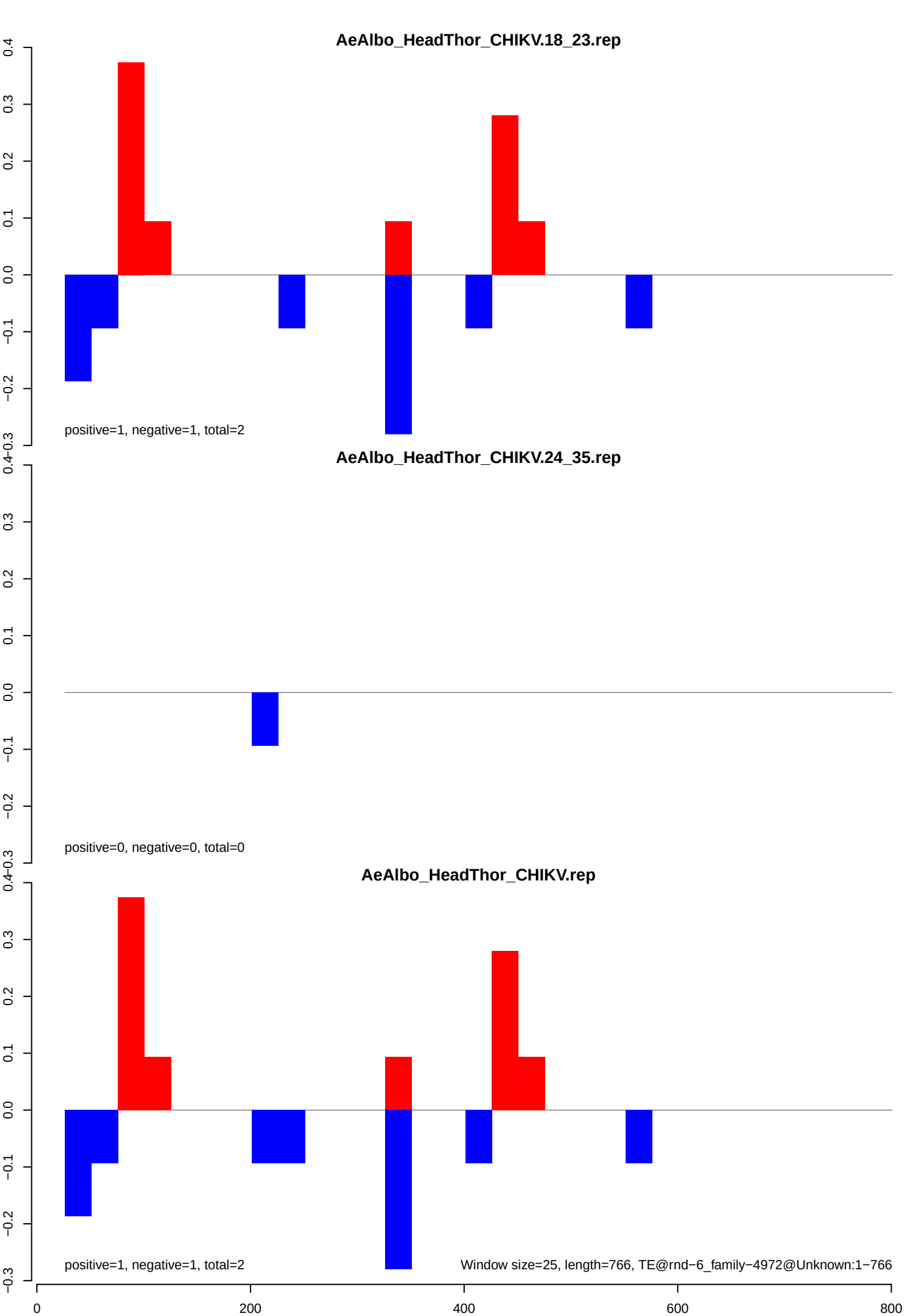

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=2
Window size=25, length=1376, TE@rnd−6_family−8802@Unknown:1−1376
0
200
400
600
800
1000
1200
1400

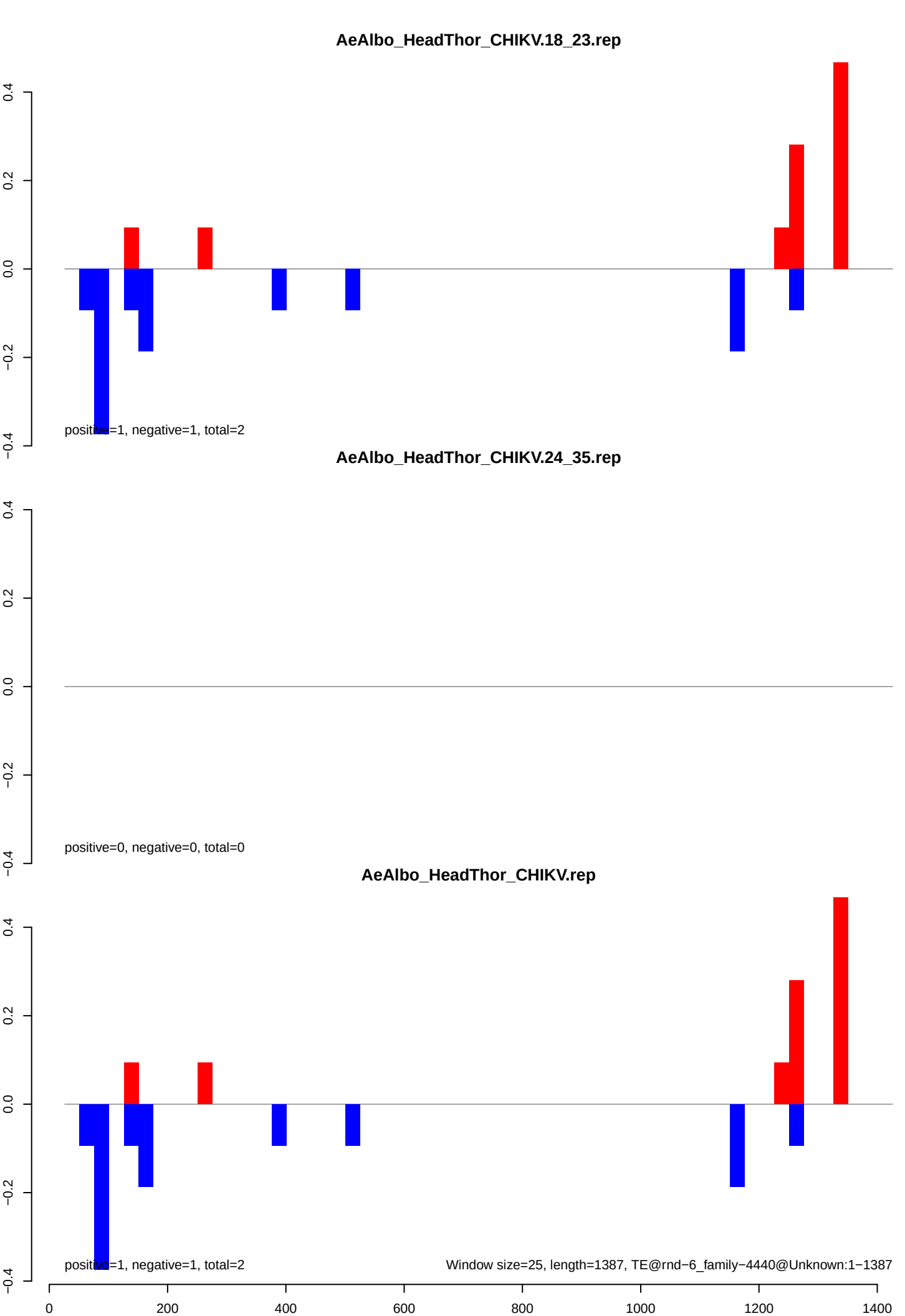

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=4, negative=0, total=4

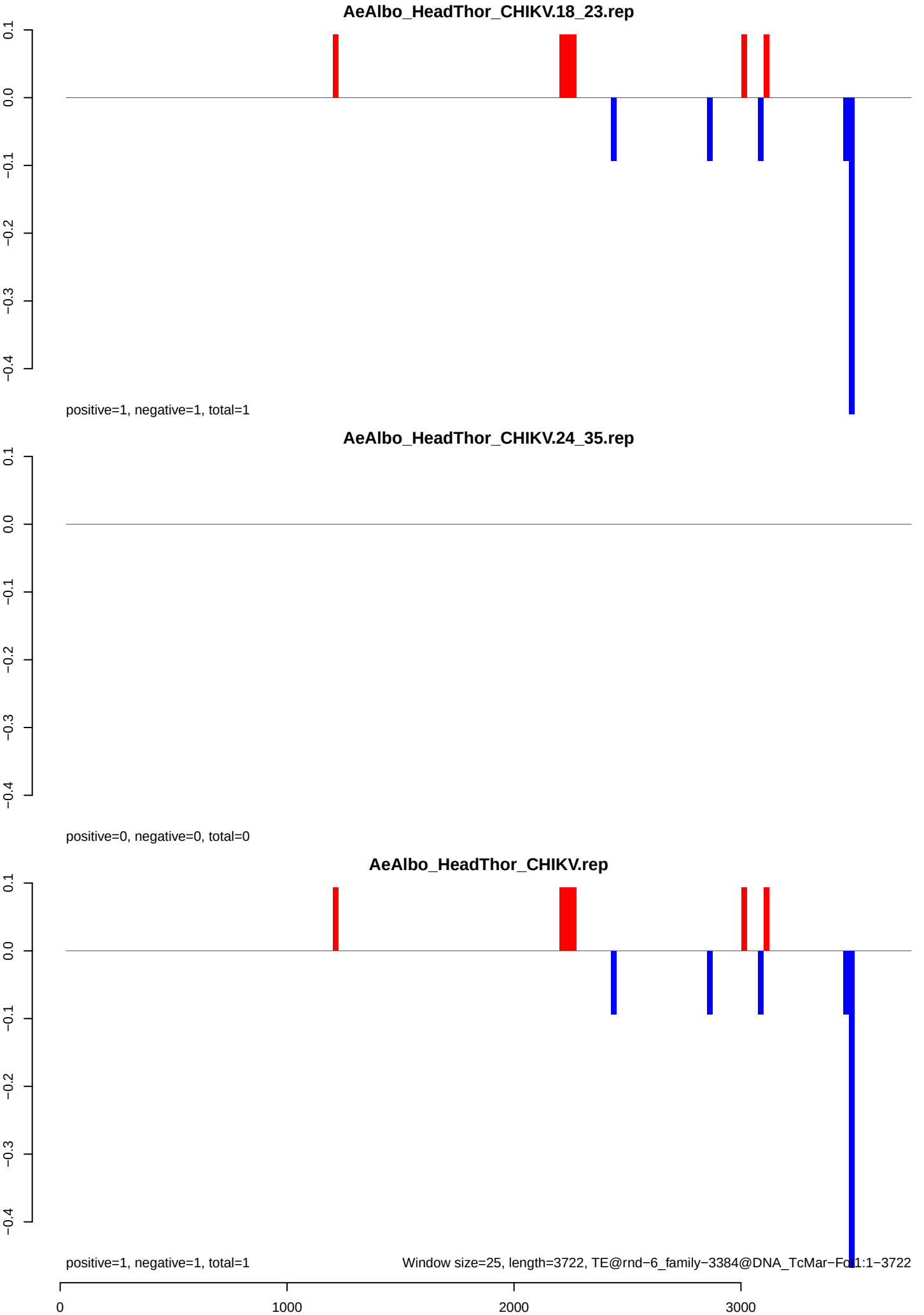

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0

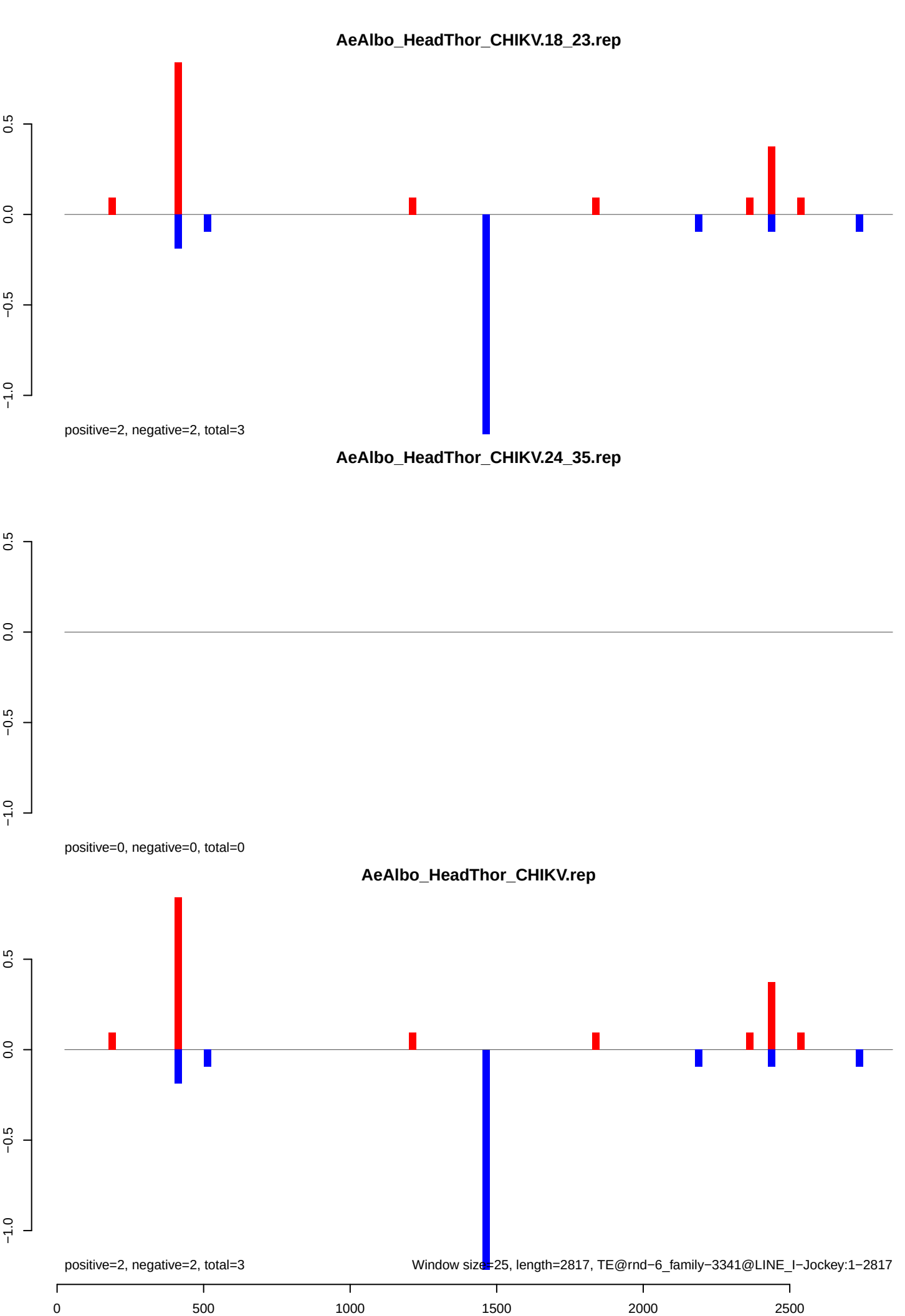

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=4, negative=0, total=5
Window size=25, length=706, TE@rnd−6_family−7443@LTR_Copia:1−706
0
200
400
600

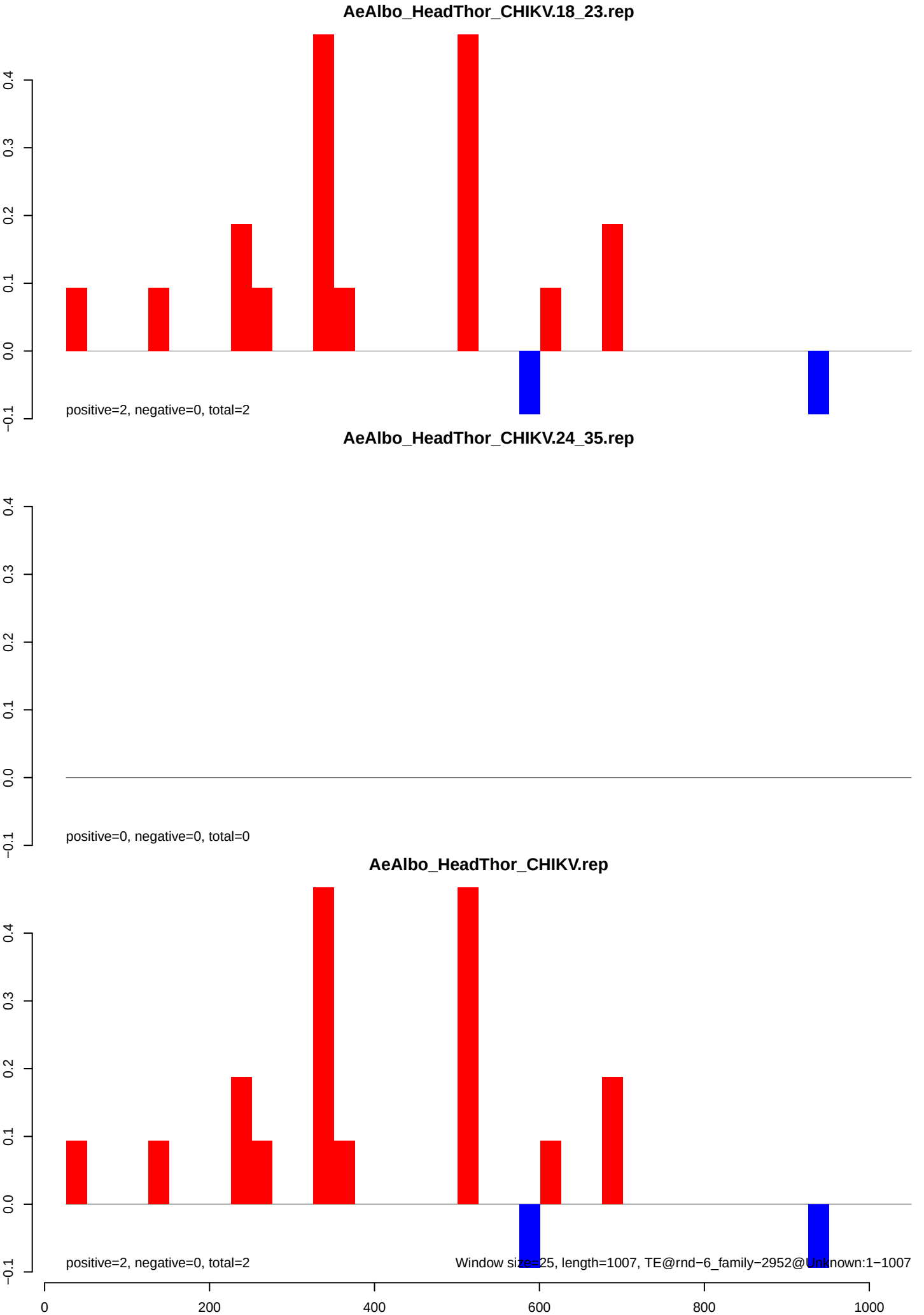

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=3
Window size=25, length=2125, TE@rnd−6_family−5350@LTR_Gypsy:1−2125
0
500
1000
1500
2000

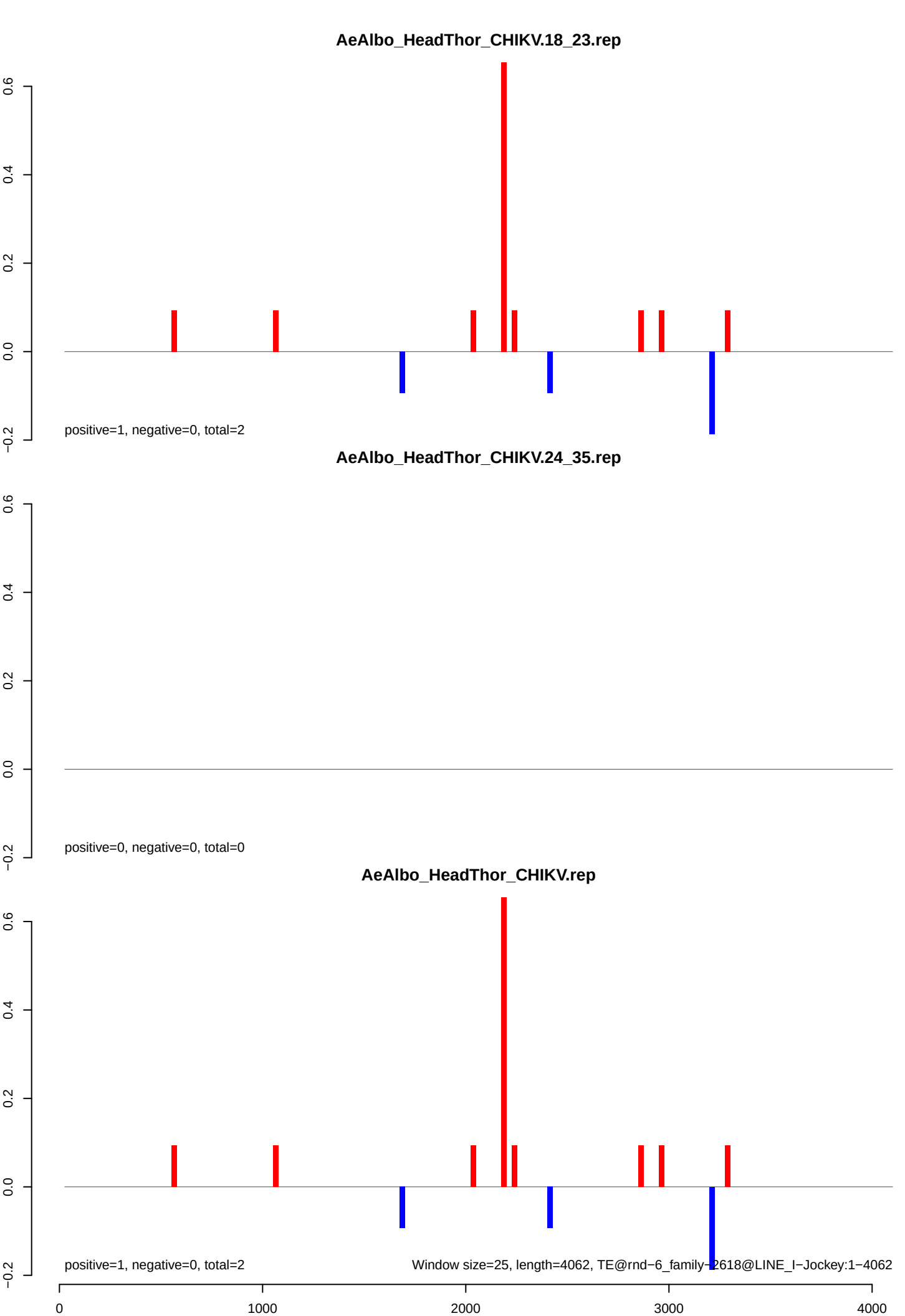

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=766, TE@rnd−6_family−4972@Unknown:1−766
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
200
400
600
800

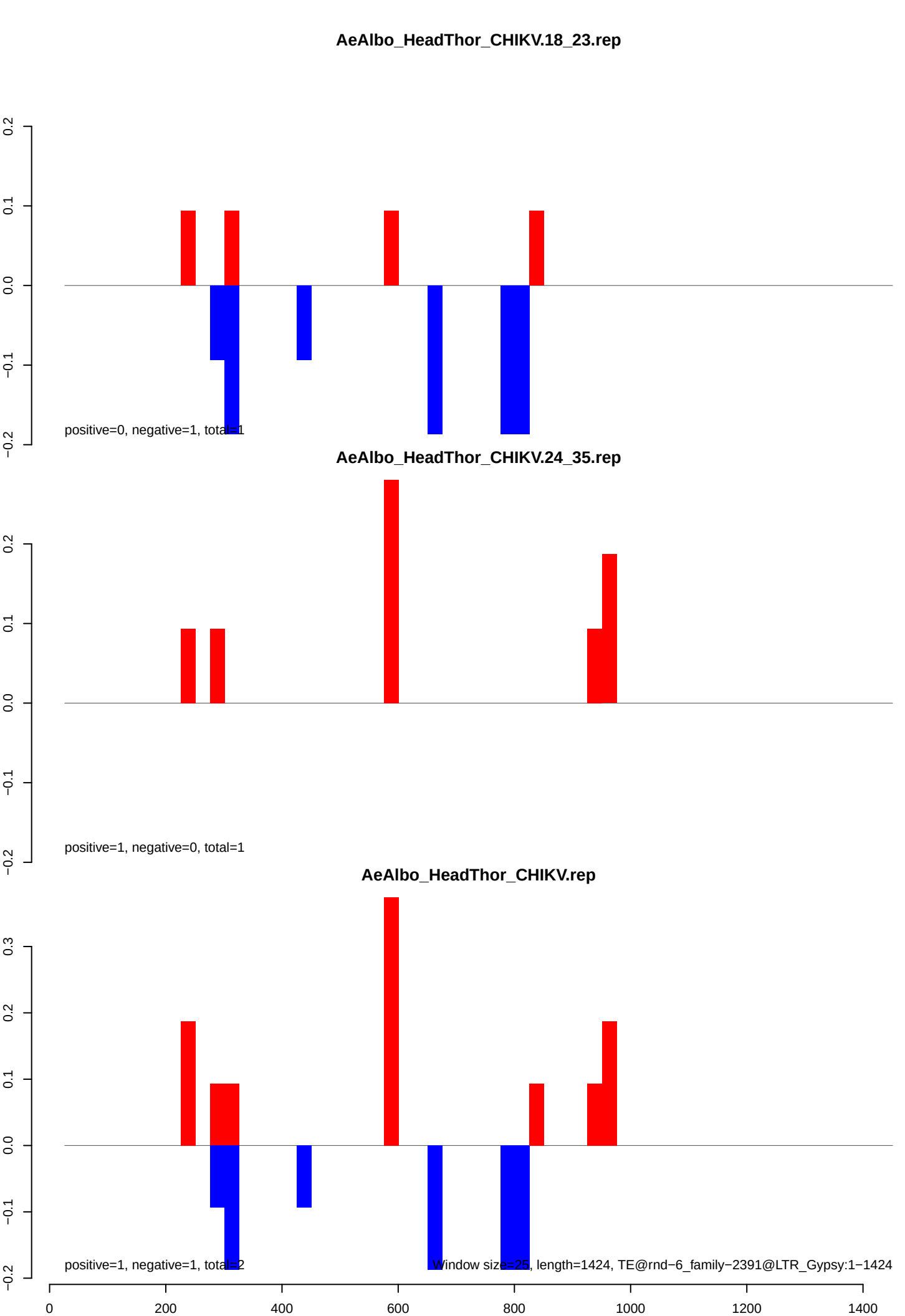

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=1387, TE@rnd−6_family−4440@Unknown:1−1387
0
200
400
600
800
1000
1200
1400

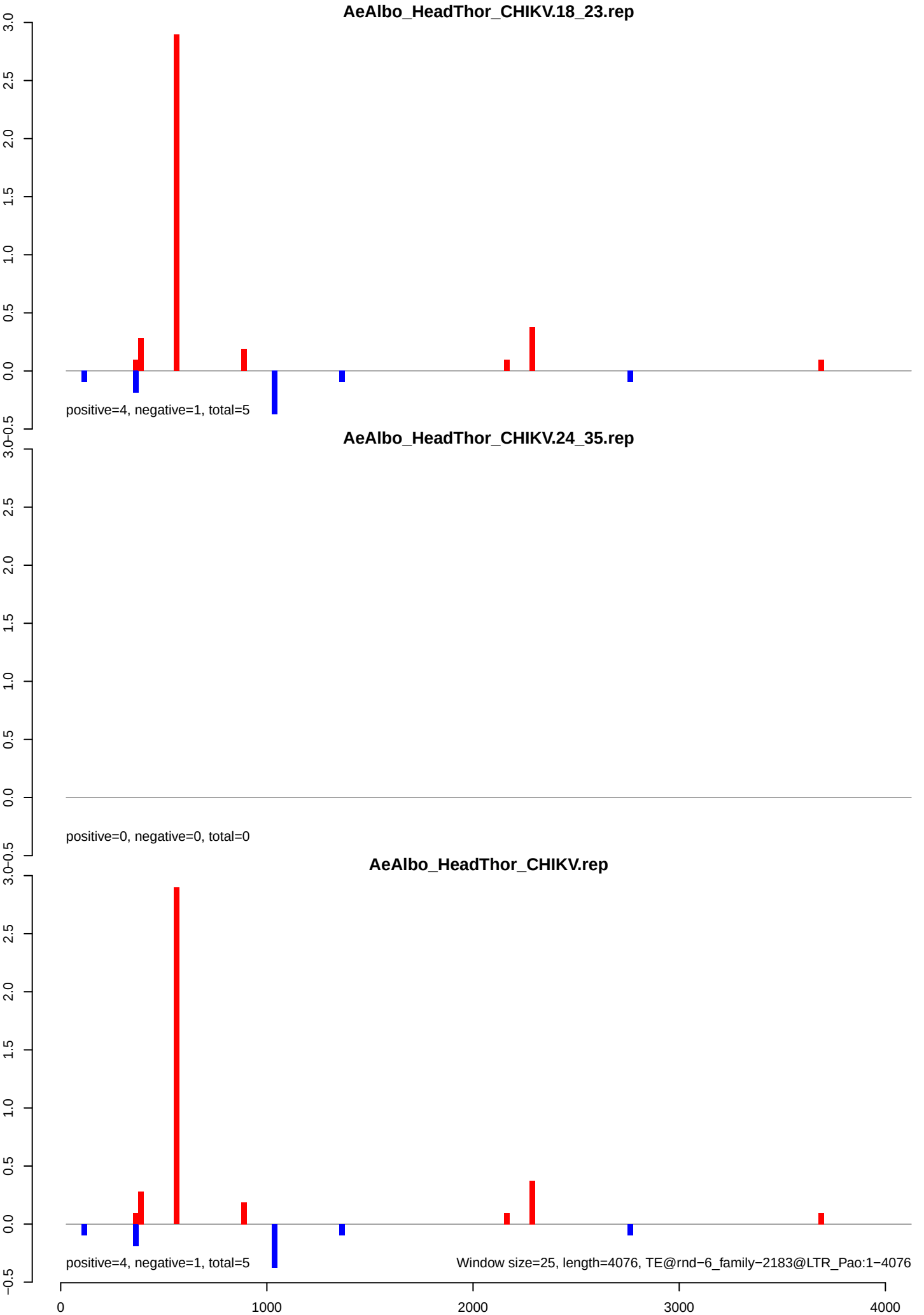

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=1
Window size=25, length=3722, TE@rnd−6_family−3384@DNA_TcMar−Fot1:1−3722
0
1000
2000
3000

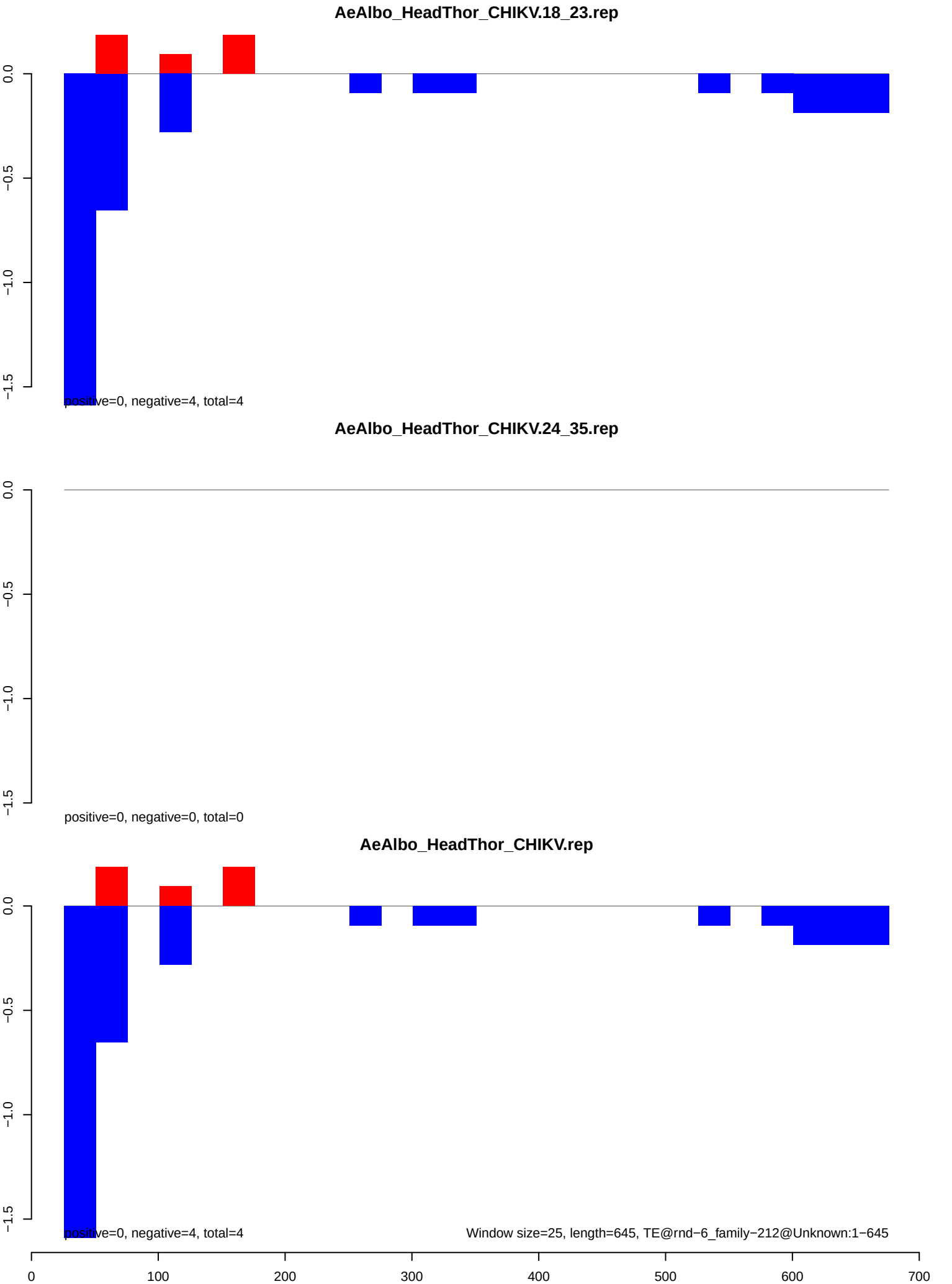

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=2, negative=2, total=3
Window size=25, length=2817, TE@rnd−6_family−3341@LINE_I−Jockey:1−2817
0
500
1000
1500
2000
2500

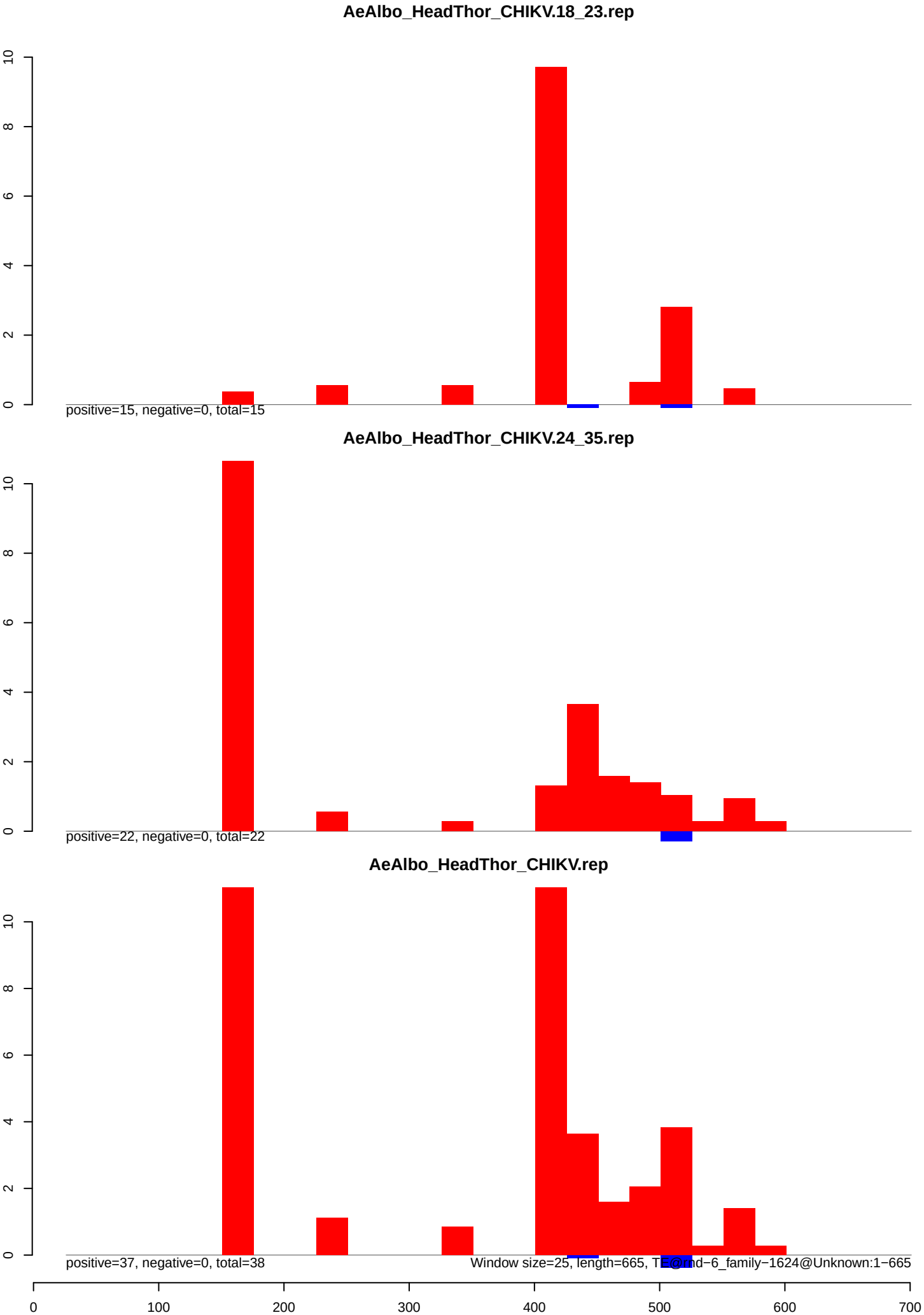

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=0, total=2
Window size=25, length=1007, TE@rnd−6_family−2952@Unknown:1−1007
−0.1
0.0
0.1
0.2
0.3
0.4
0
200
400
600
800
1000

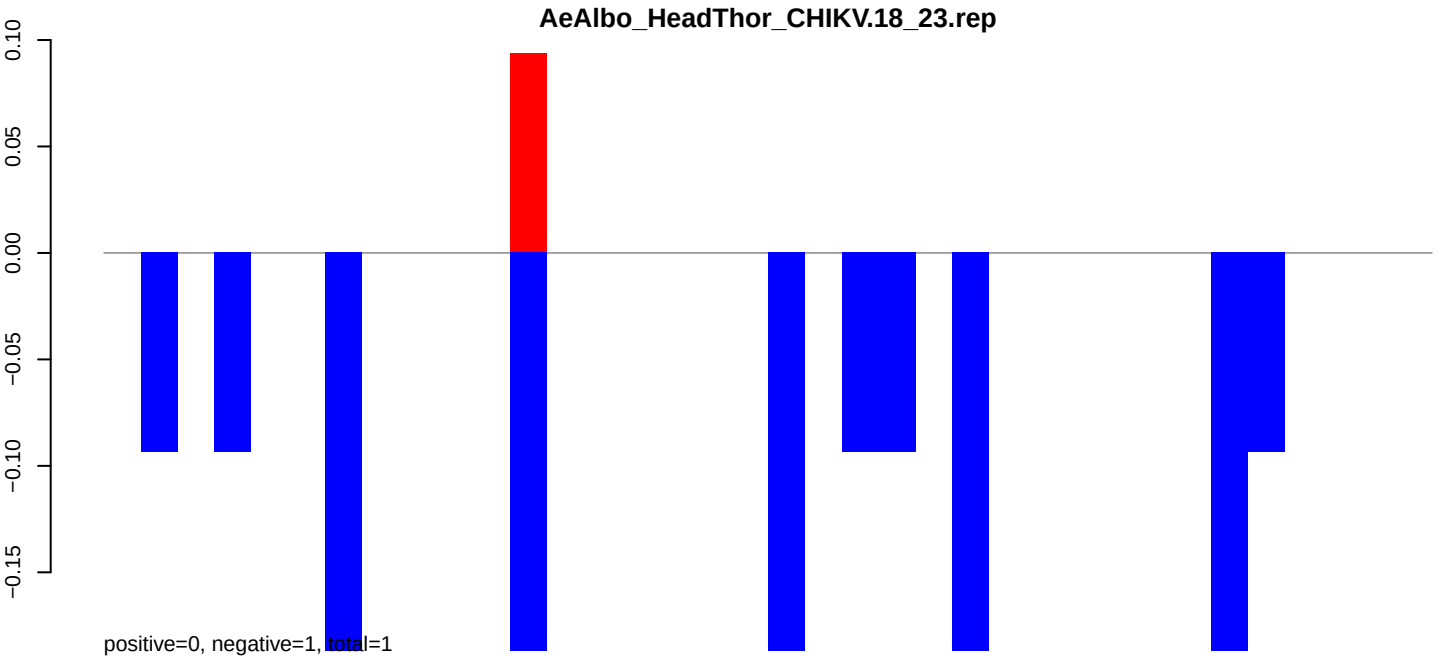

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
Window size=25, length=4062, TE@rnd−6_family−2618@LINE_I−Jockey:1−4062
0
1000
2000
3000
4000

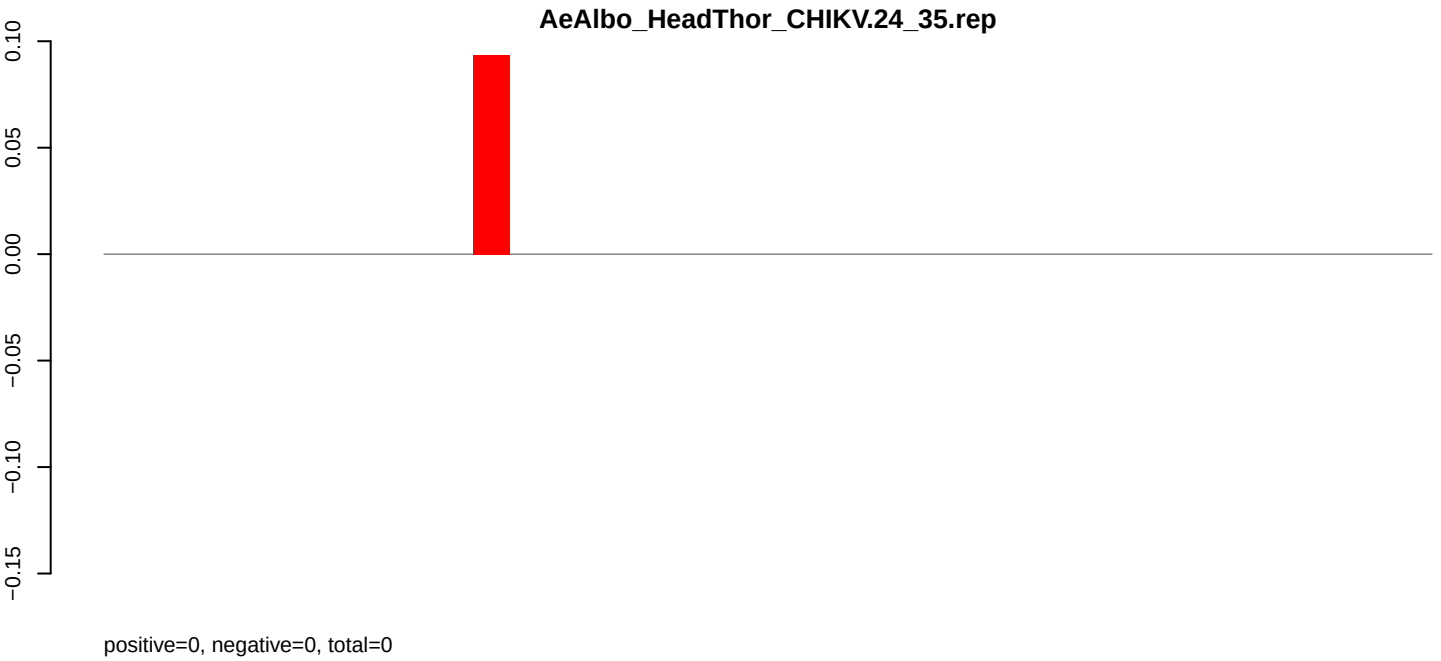

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=1424, TE@rnd−6_family−2391@LTR_Gypsy:1−1424
0
200
400
600
800
1000
1200
1400

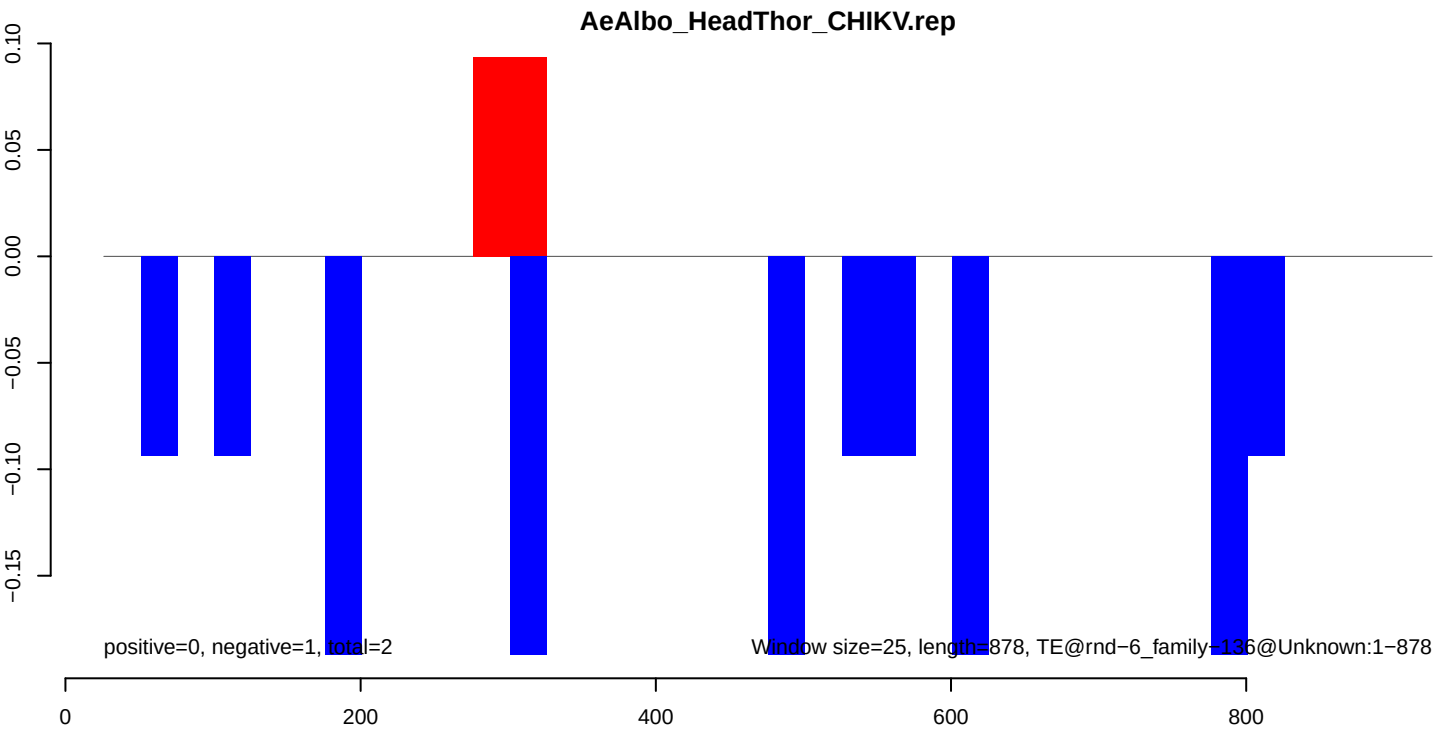

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=1, total=5
Window size=25, length=4076, TE@rnd−6_family−2183@LTR_Pao:1−4076
3.0
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000

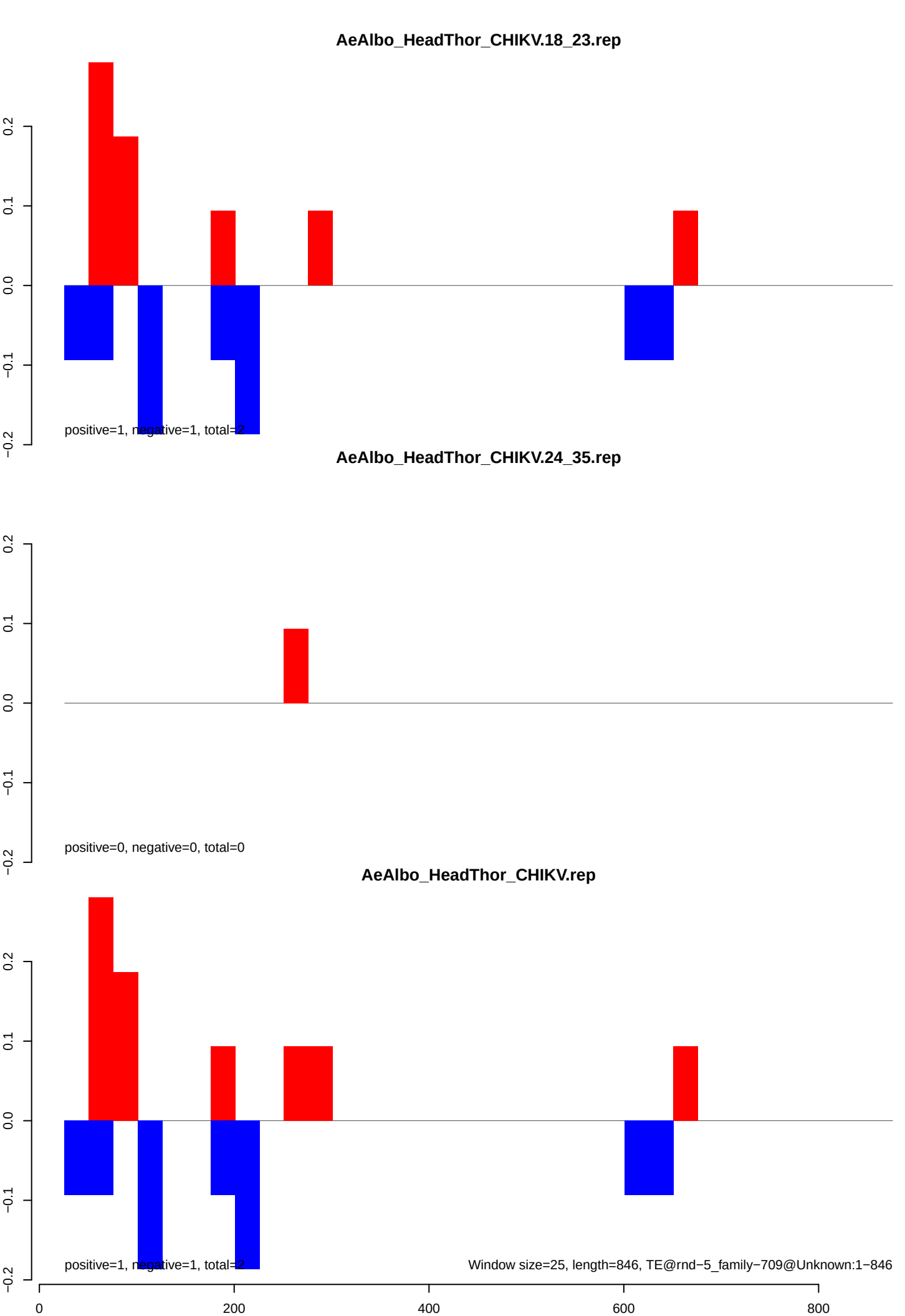

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=4, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=4, total=4
Window size=25, length=645, TE@rnd−6_family−212@Unknown:1−645
0
100
200
300
400
500
600
700

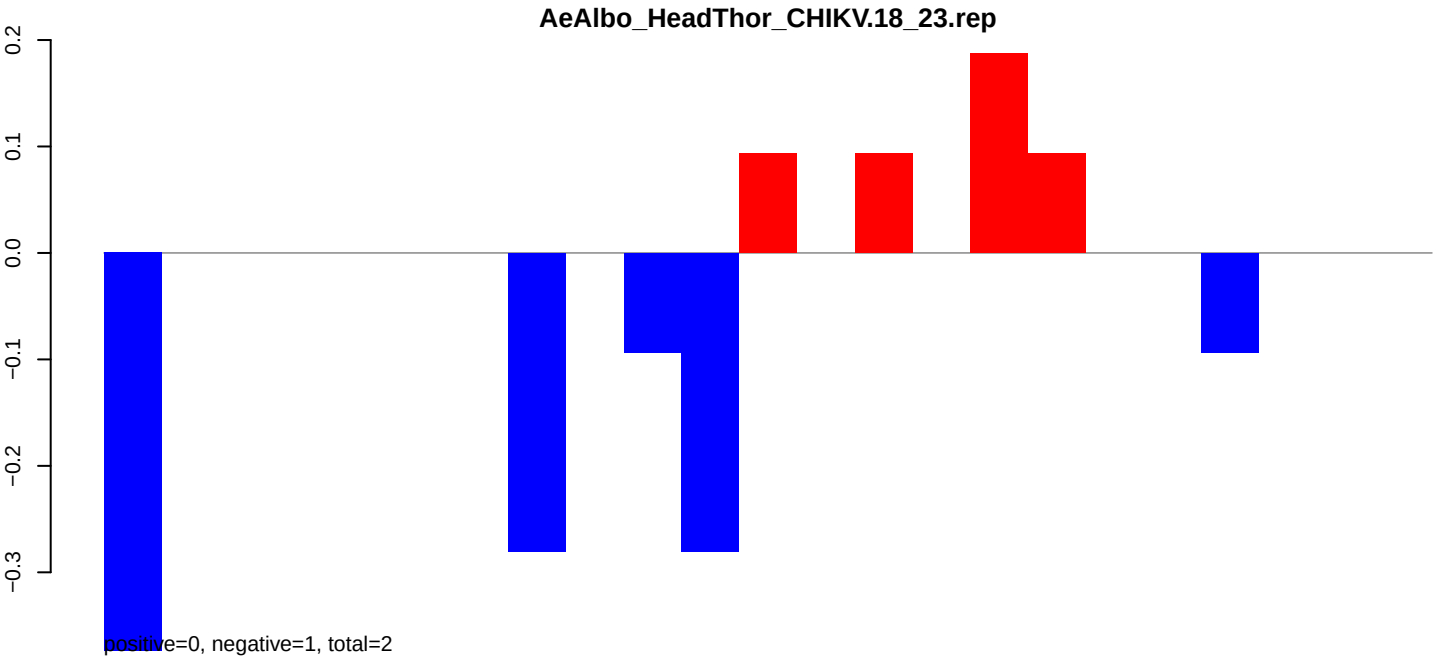

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=15, negative=0, total=15
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=22, negative=0, total=22
AeAlbo_HeadThor_CHIKV.rep
positive=37, negative=0, total=38
Window size=25, length=665, TE@rnd−6_family−1624@Unknown:1−665
0
2
4
6
8
10
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1

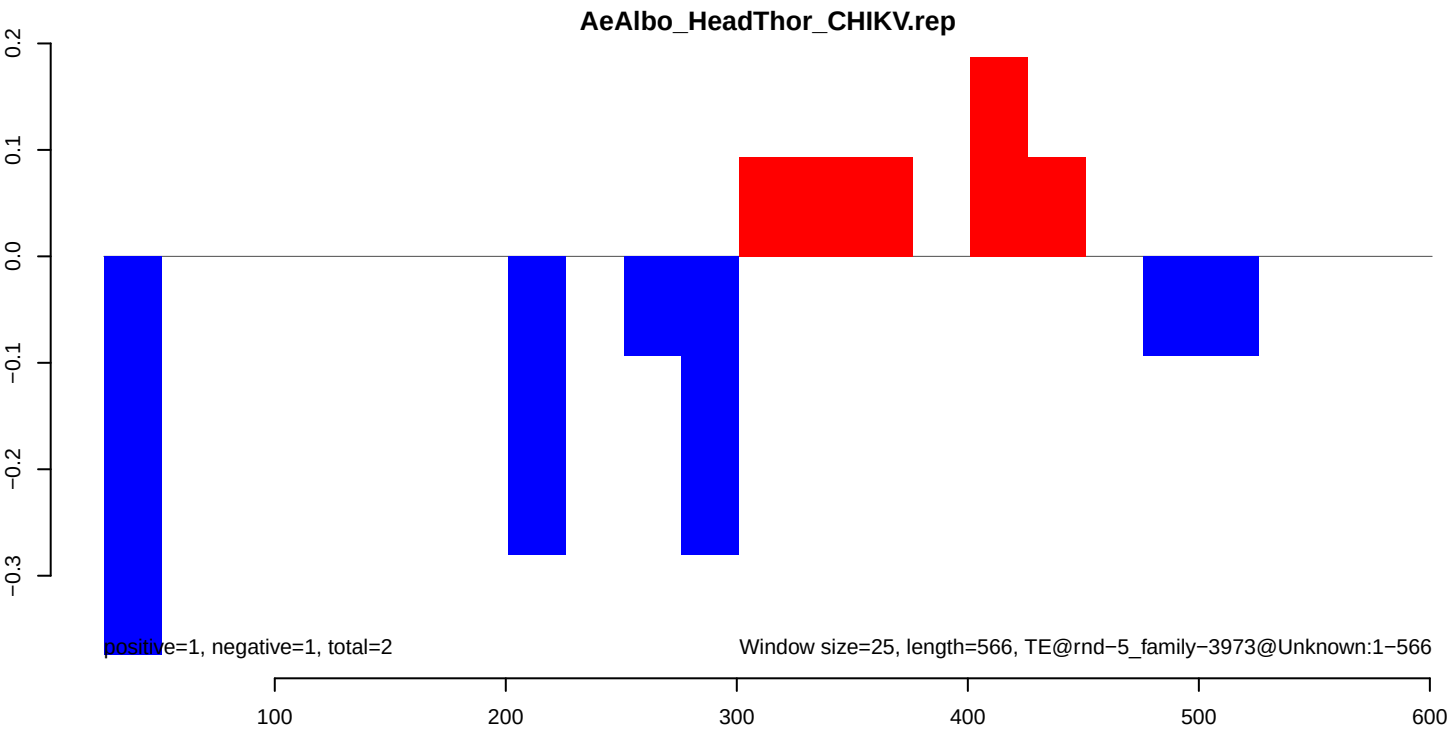

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

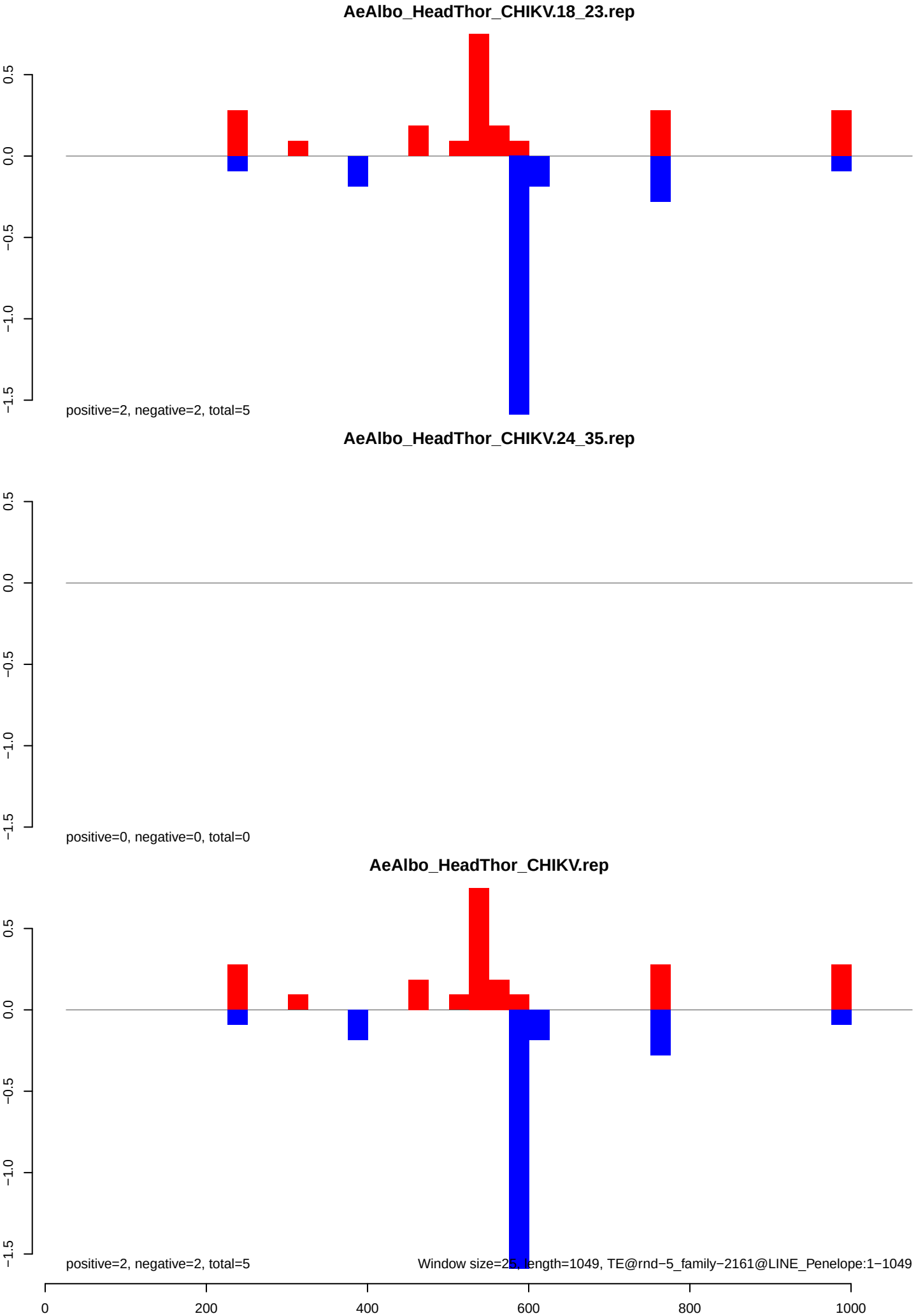

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=2
Window size=25, length=878, TE@rnd−6_family−136@Unknown:1−878
0
200
400
600
800

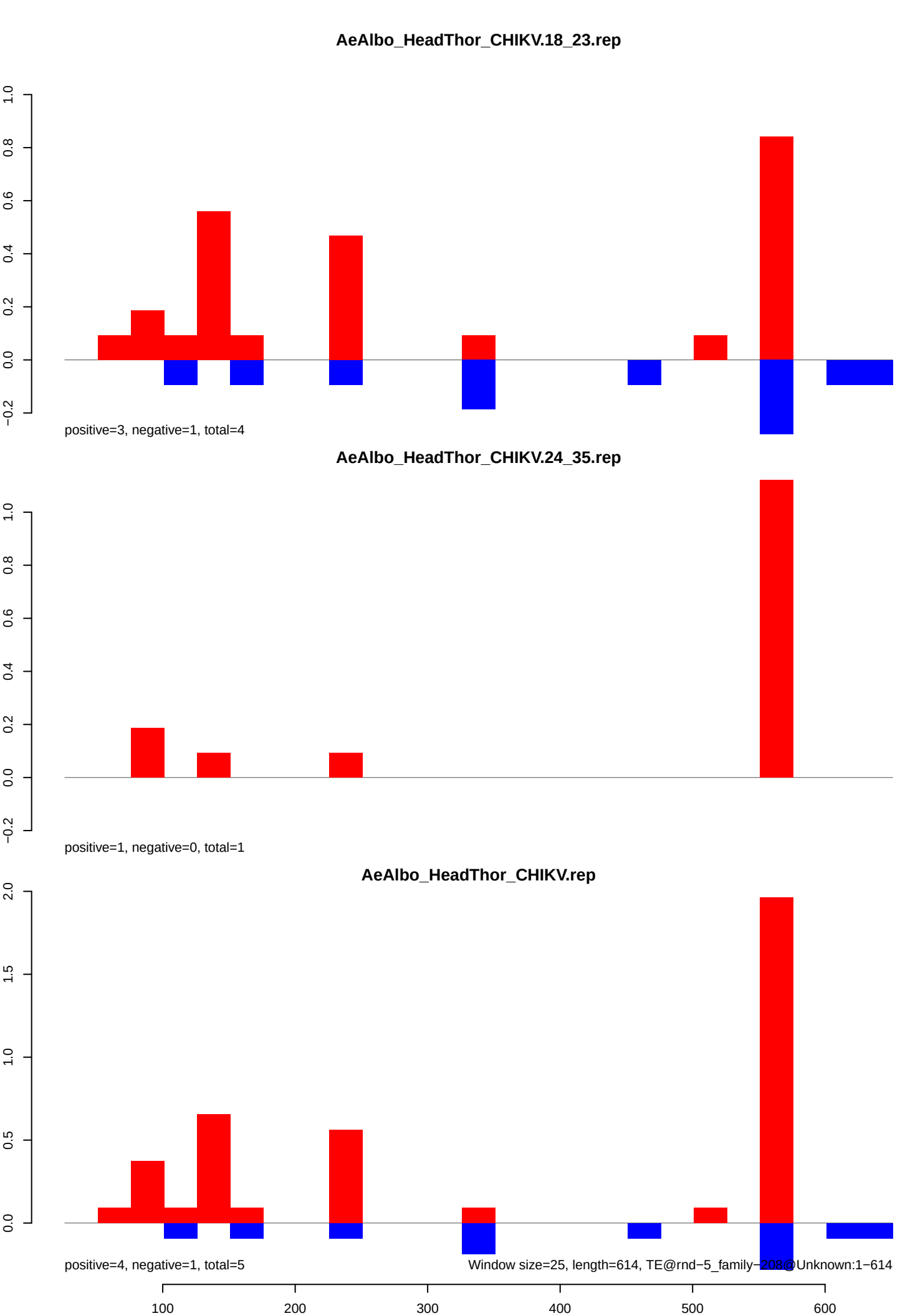

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=846, TE@rnd−5_family−709@Unknown:1−846
0
200
400
600
800

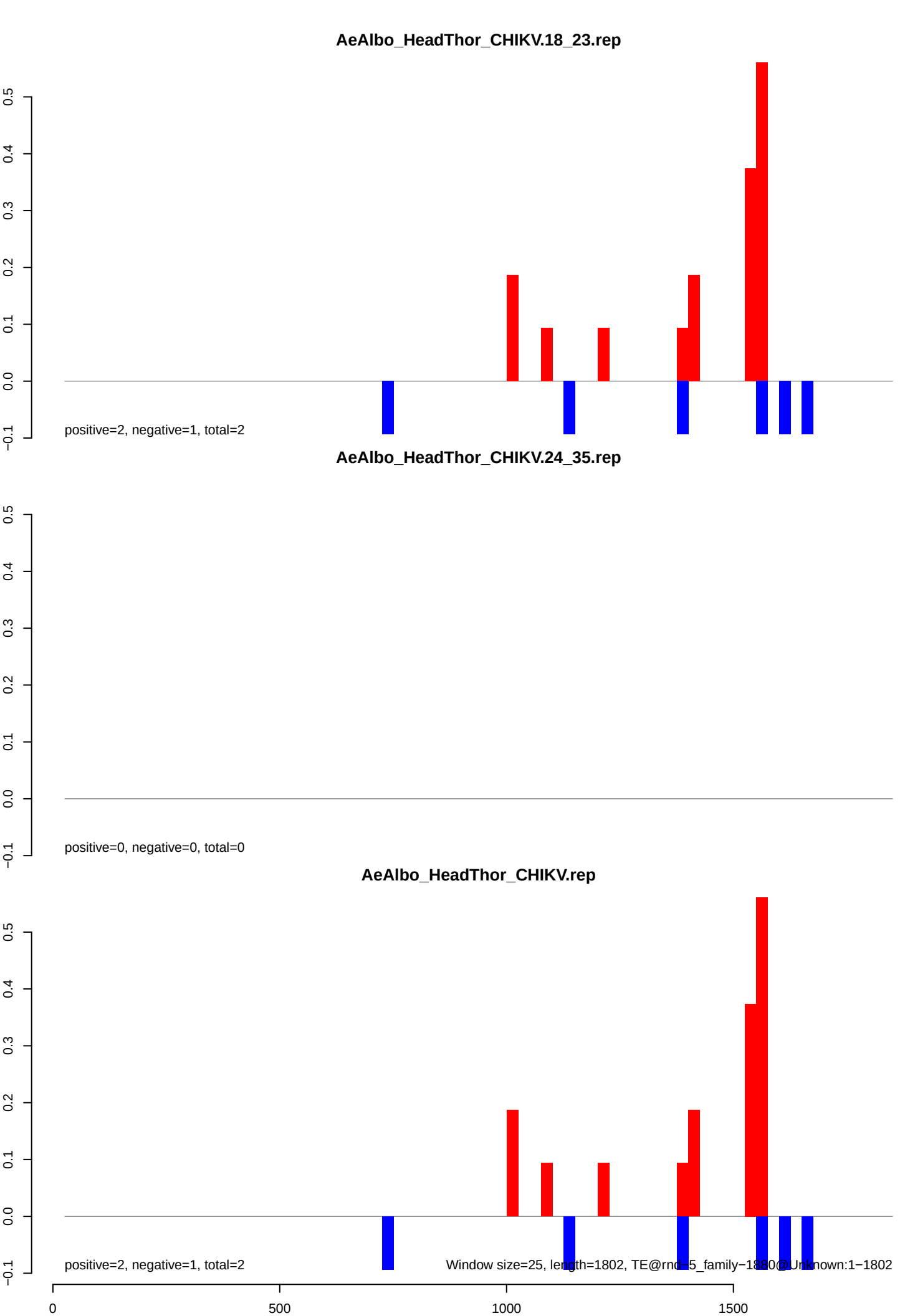

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=2

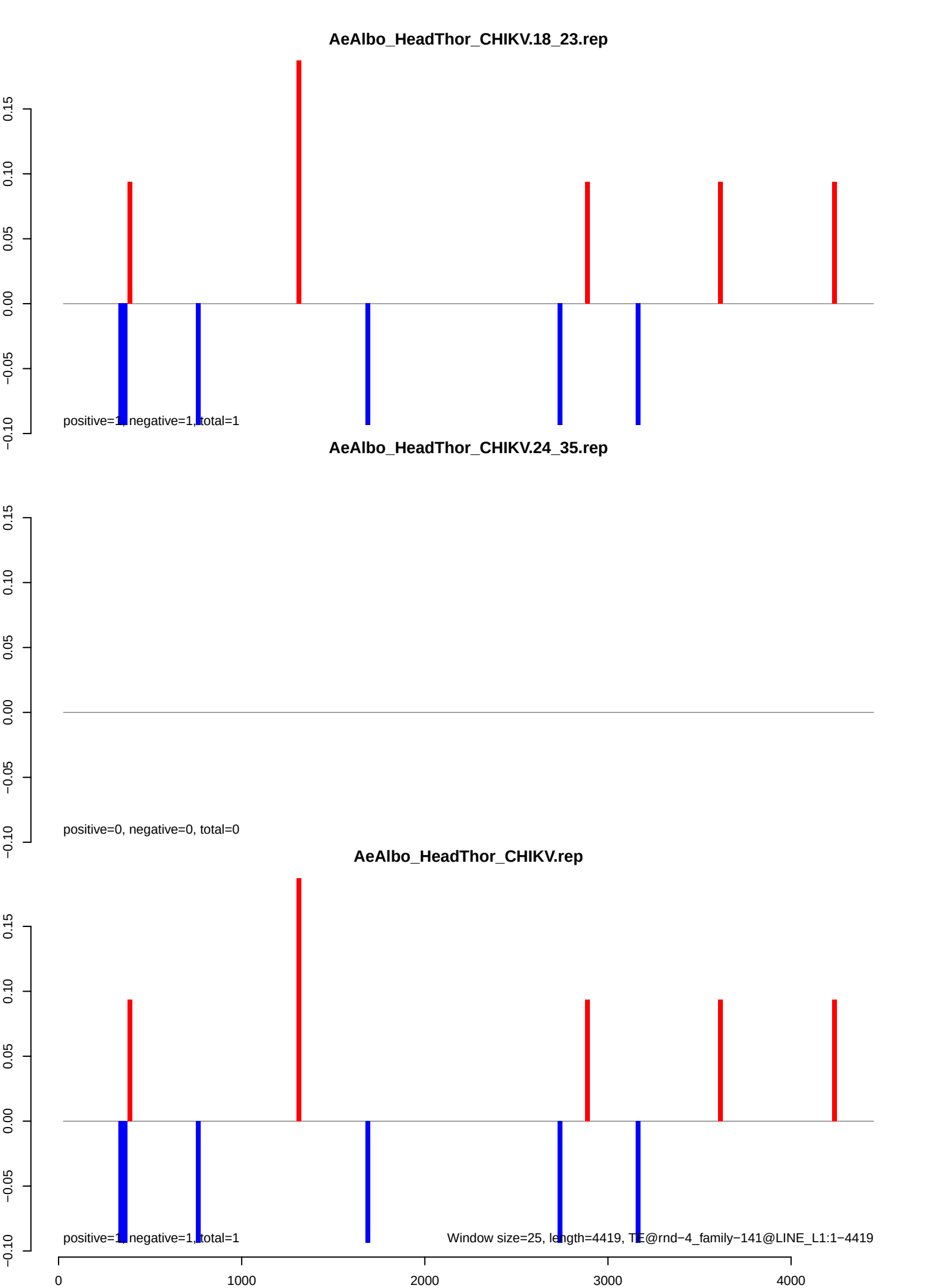
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

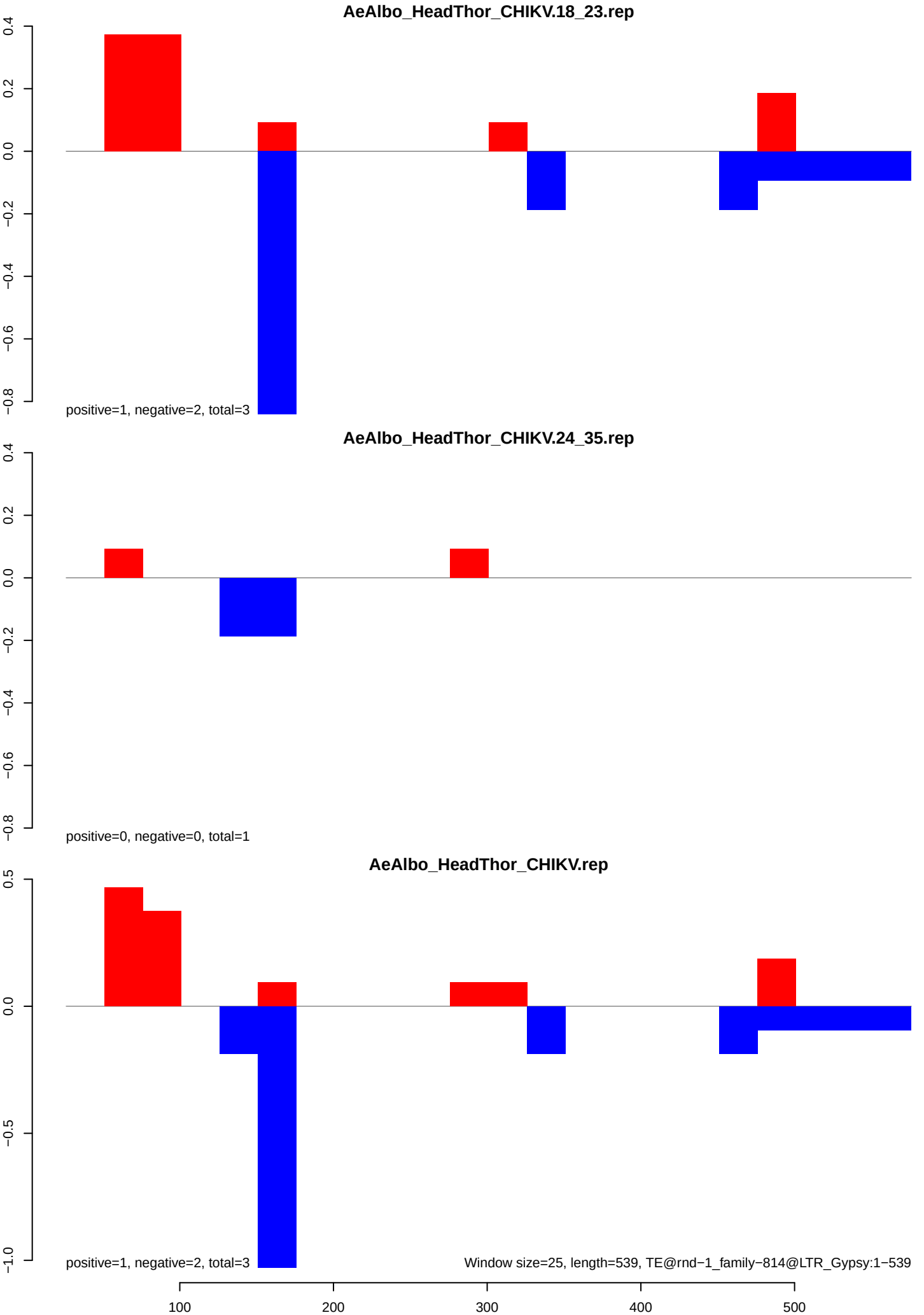

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2
Window size=25, length=566, TE@rnd−5_family−3973@Unknown:1−566
100
200
300
400
500
600

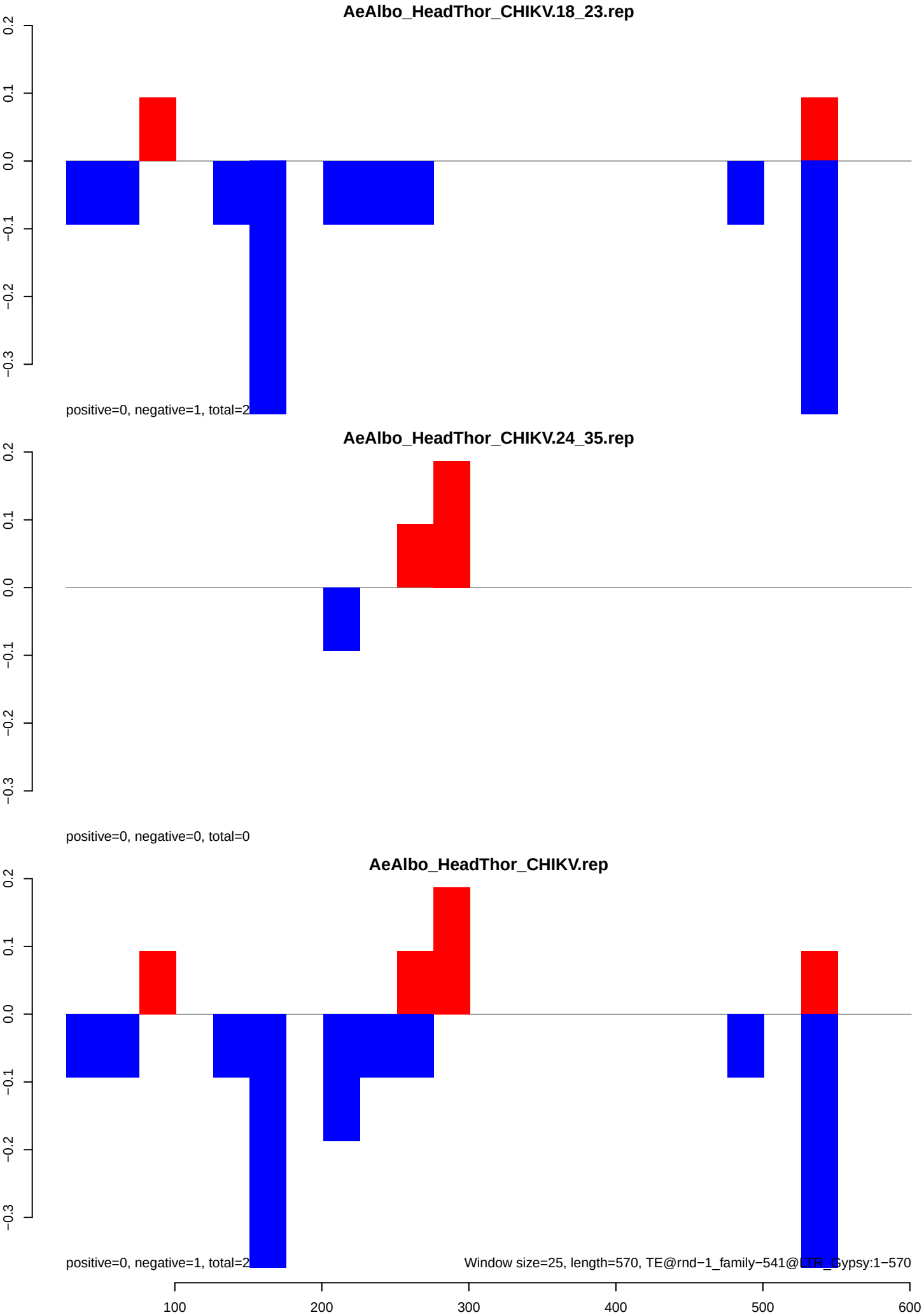

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=5
Window size=25, length=1049, TE@rnd−5_family−2161@LINE_Penelope:1−1049
0
200
400
600
800
1000

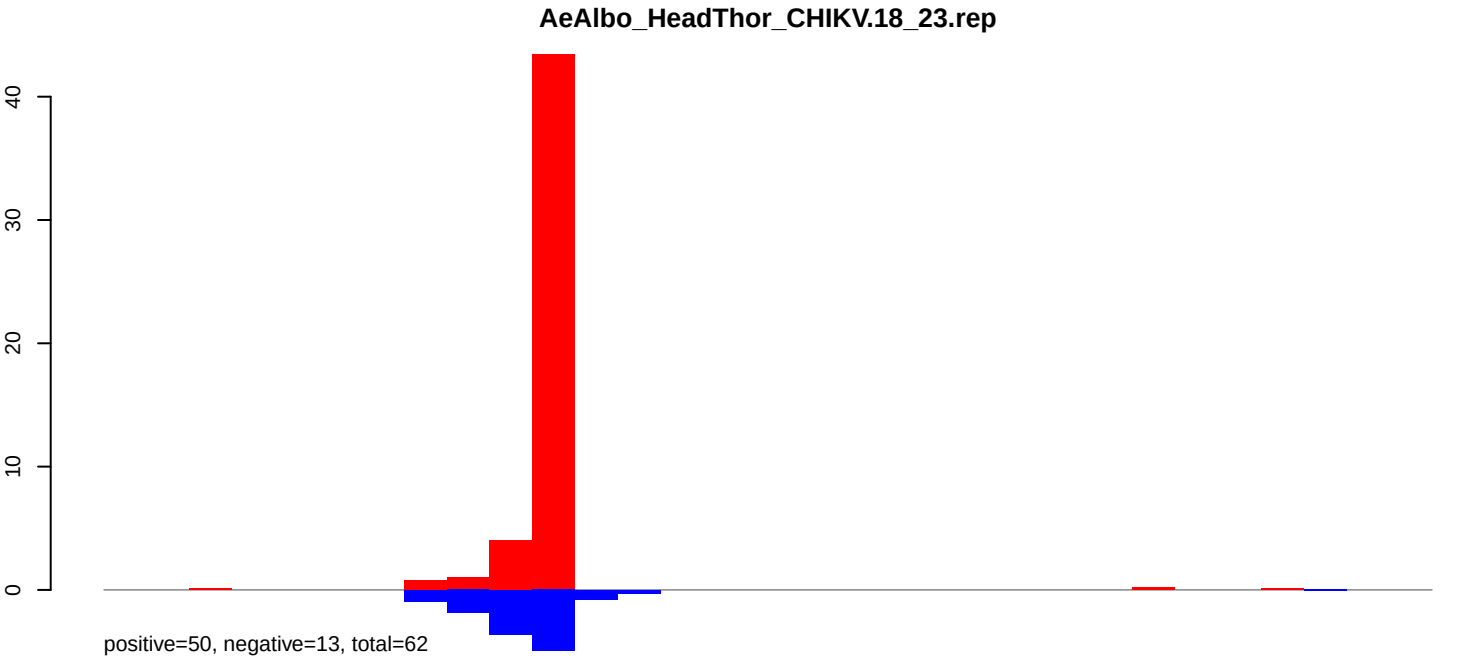

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=1, total=5
Window size=25, length=614, TE@rnd−5_family−208@Unknown:1−614
100
200
300
400
500
600

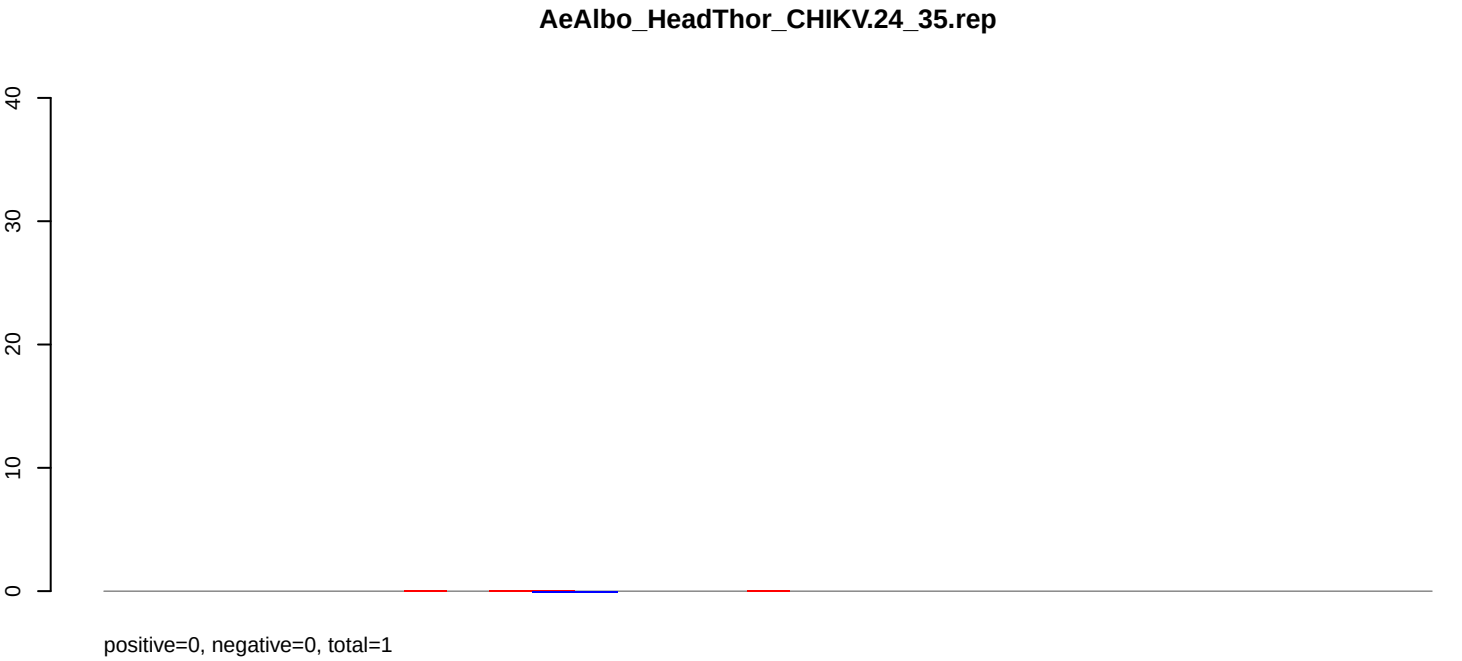

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=2
Window size=25, length=1802, TE@rnd−5_family−1880@Unknown:1−1802
0
500
1000
1500

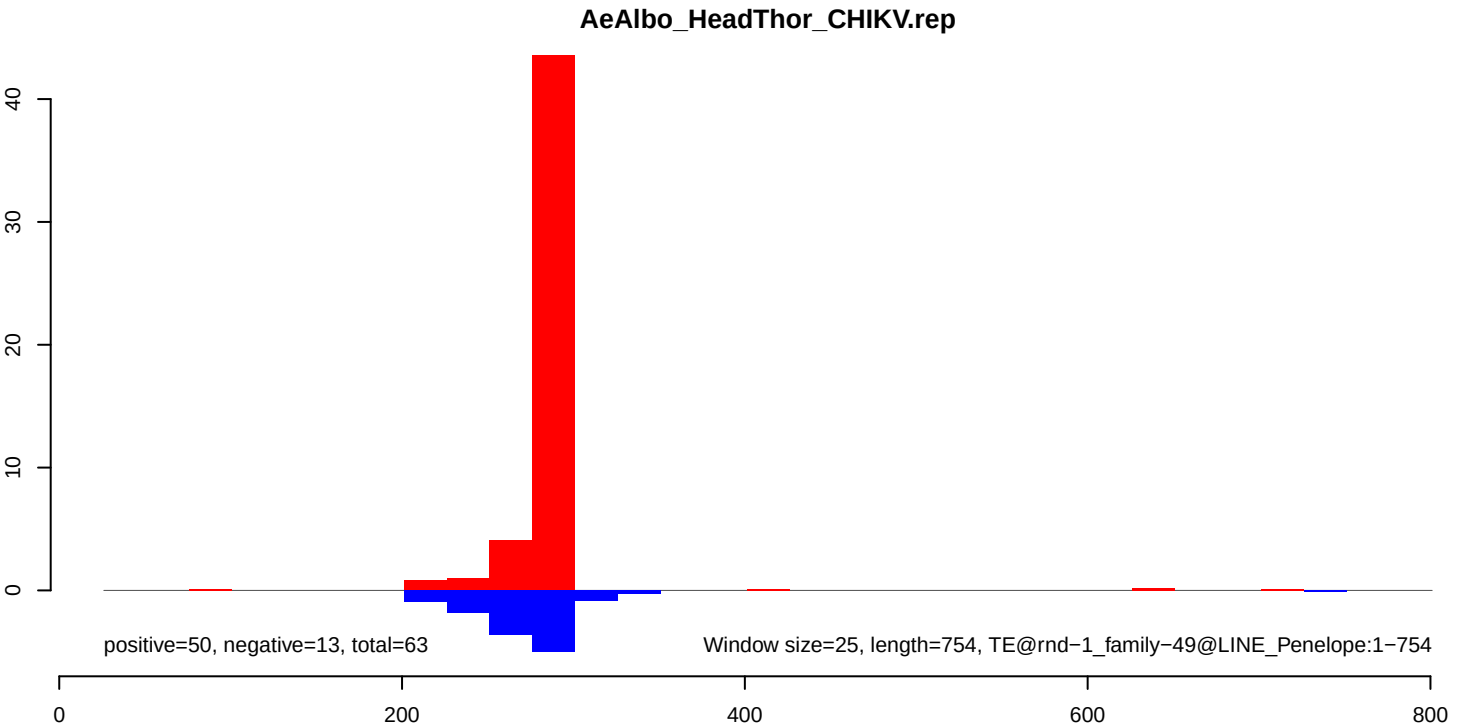

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=1, total=1
Window size=25, length=4419, TE@rnd−4_family−141@LINE_L1:1−4419
0
1000
2000
3000
4000

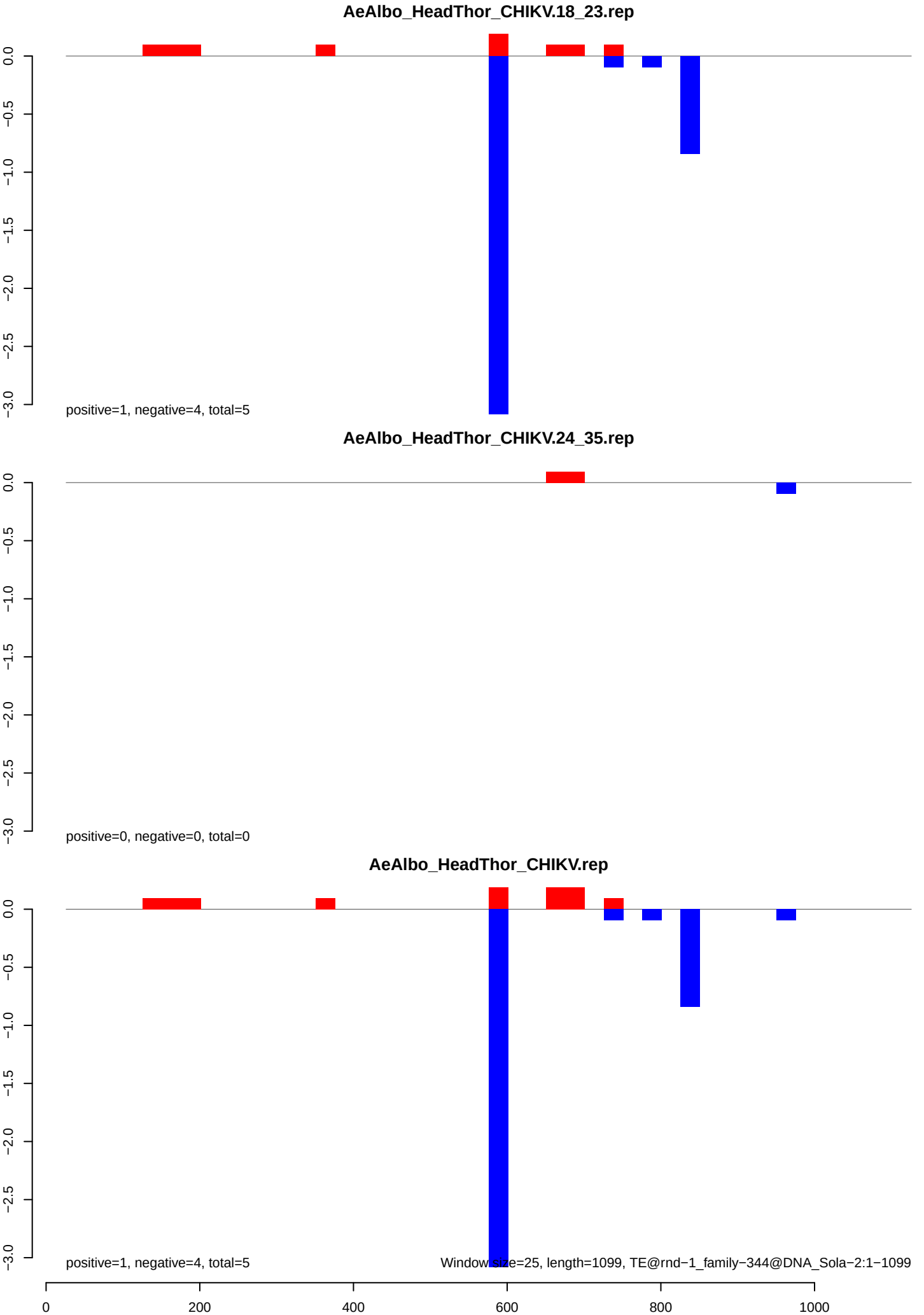

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=2, total=3
Window size=25, length=539, TE@rnd−1_family−814@LTR_Gypsy:1−539
100
200
300
400
500

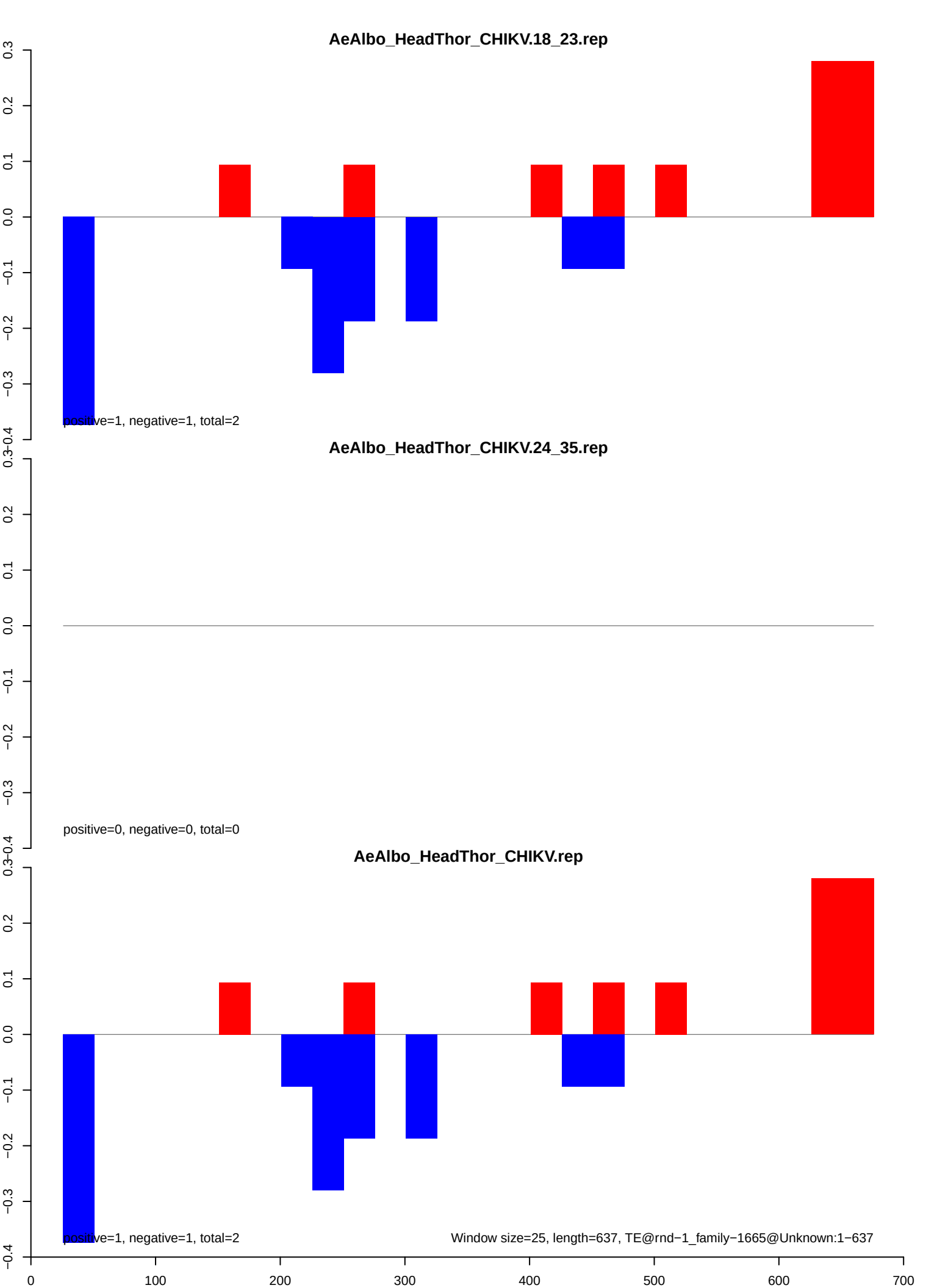

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=2
Window size=25, length=570, TE@rnd−1_family−541@LTR_Gypsy:1−570
100
200
300
400
500
600

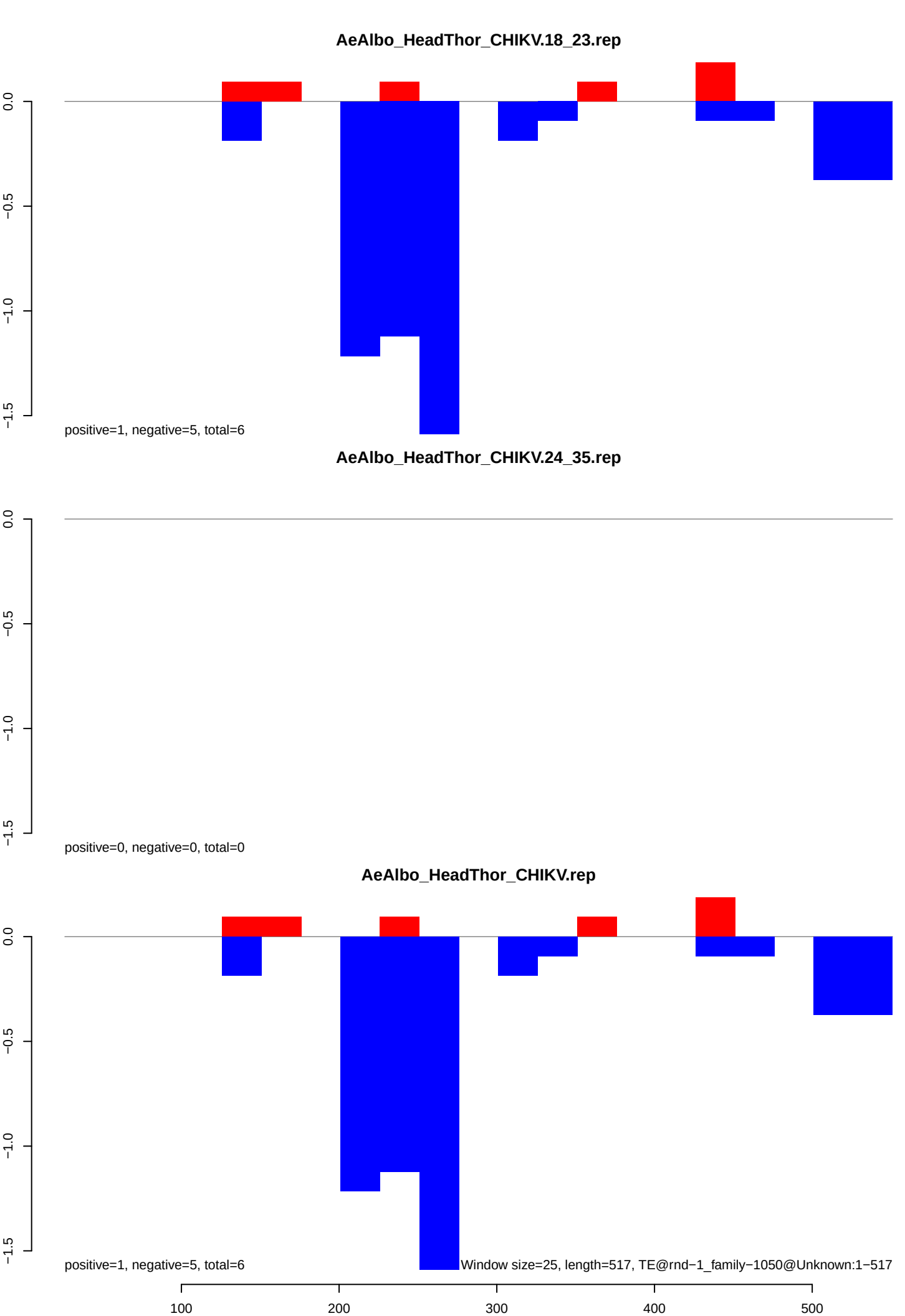

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=50, negative=13, total=62

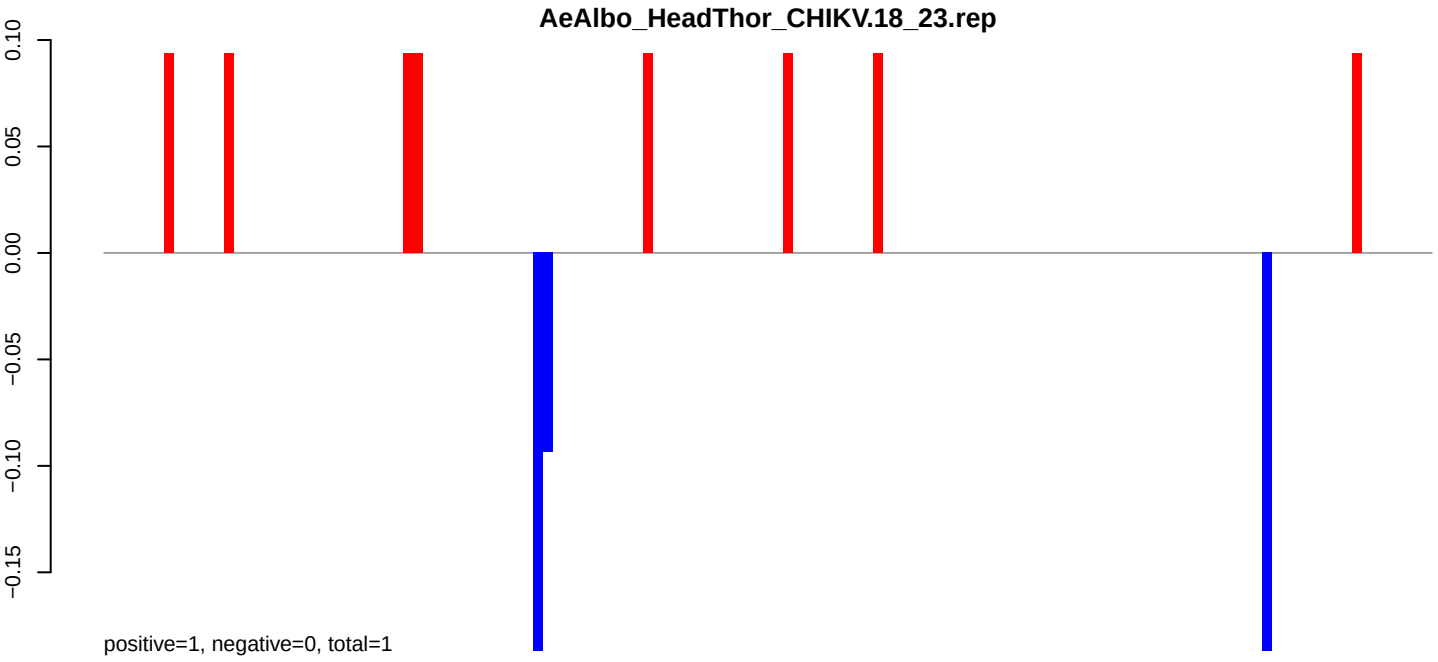

AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=0, negative=0, total=1

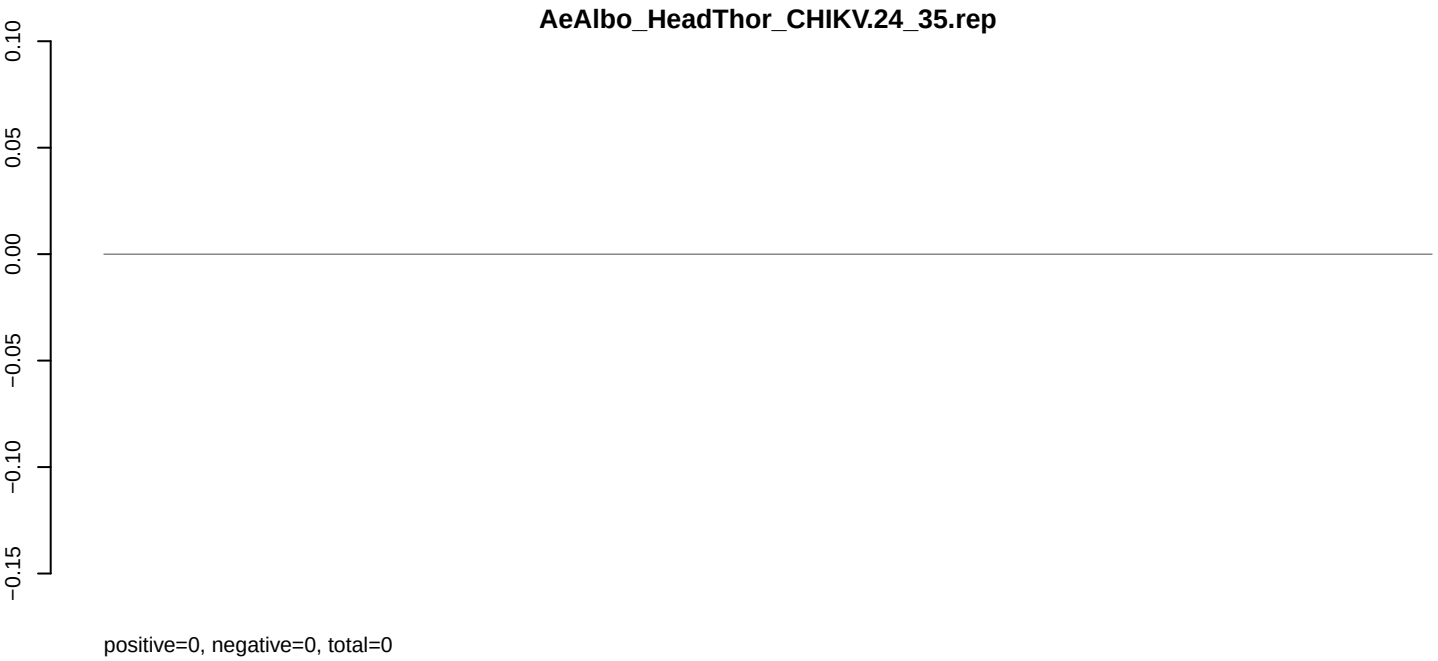

AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=50, negative=13, total=63
Window size=25, length=754, TE@rnd−1_family−49@LINE_Penelope:1−754
0
200
400
600
800

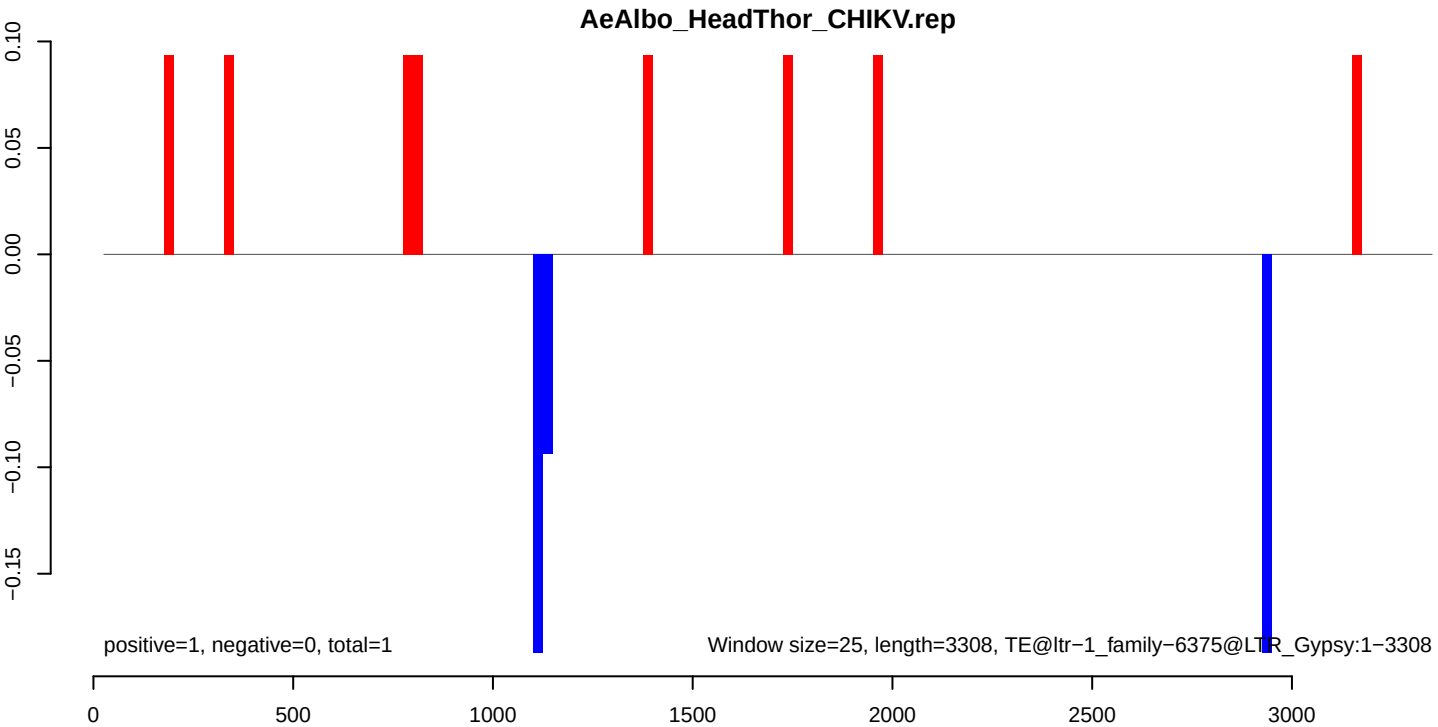

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=1, negative=4, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=4, total=5
Window size=25, length=1099, TE@rnd−1_family−344@DNA_Sola−2:1−1099
0
200
400
600
800
1000

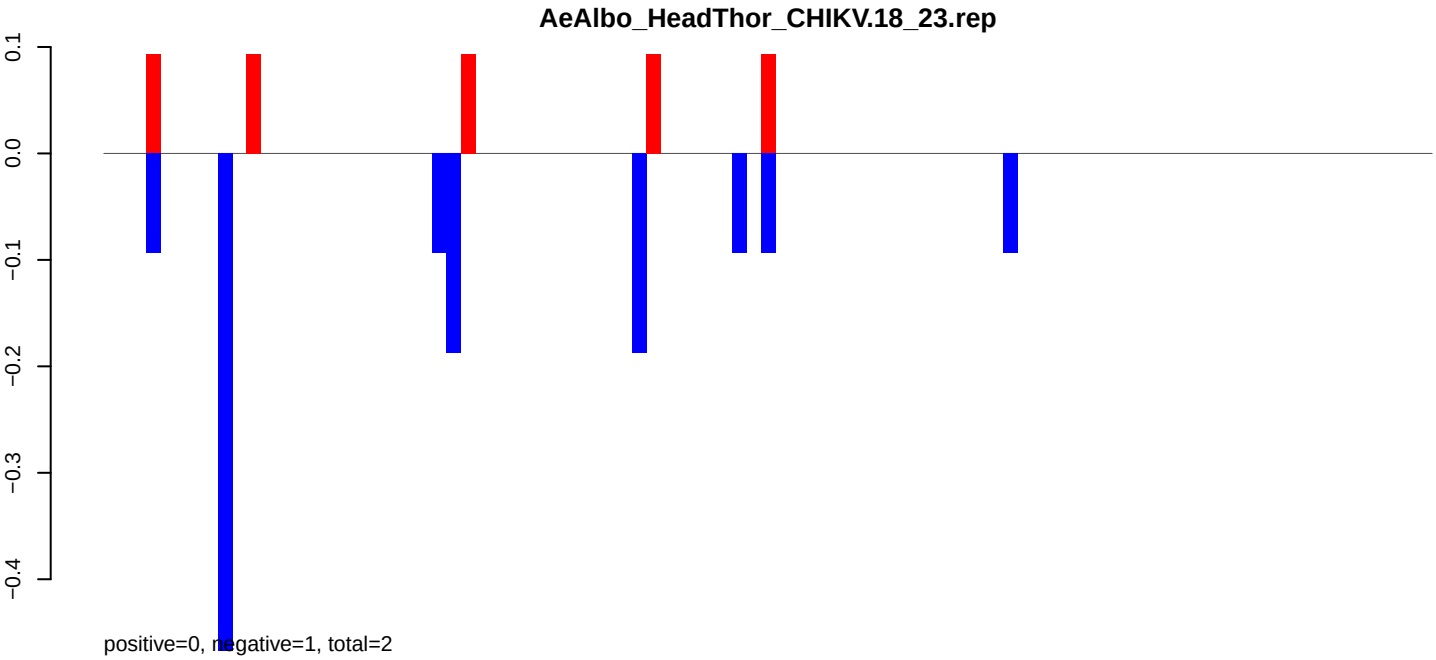

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=637, TE@rnd−1_family−1665@Unknown:1−637
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
100
200
300
400
500
600
700

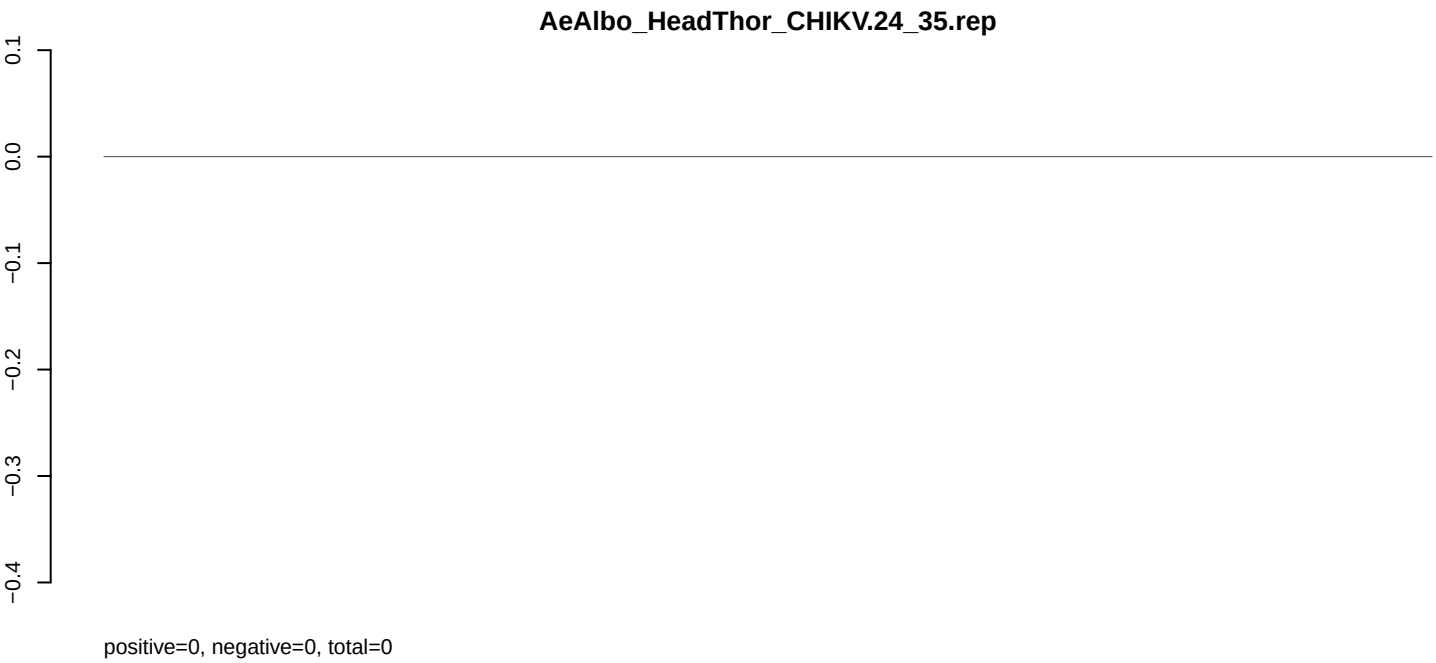

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=5, total=6
Window size=25, length=517, TE@rnd−1_family−1050@Unknown:1−517
100
200
300
400
500

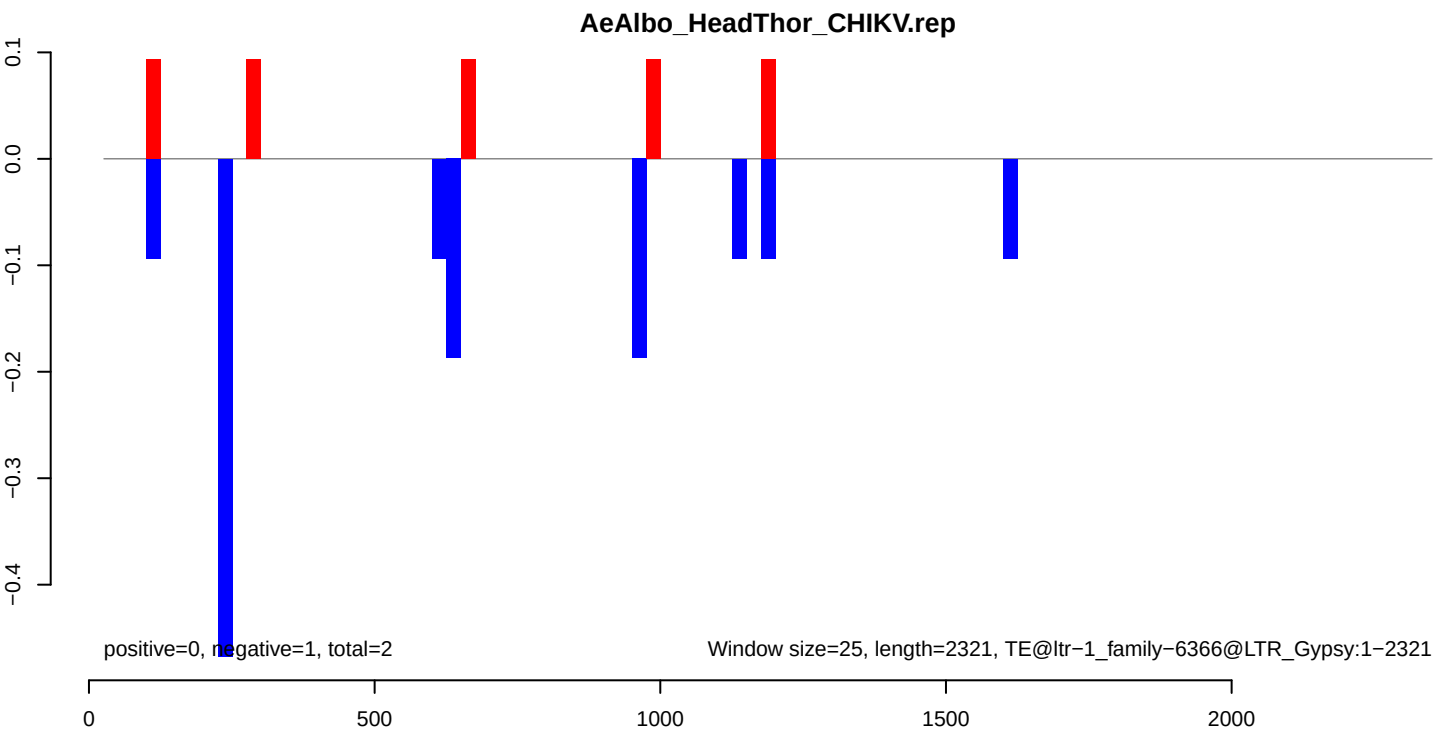

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=0, total=1

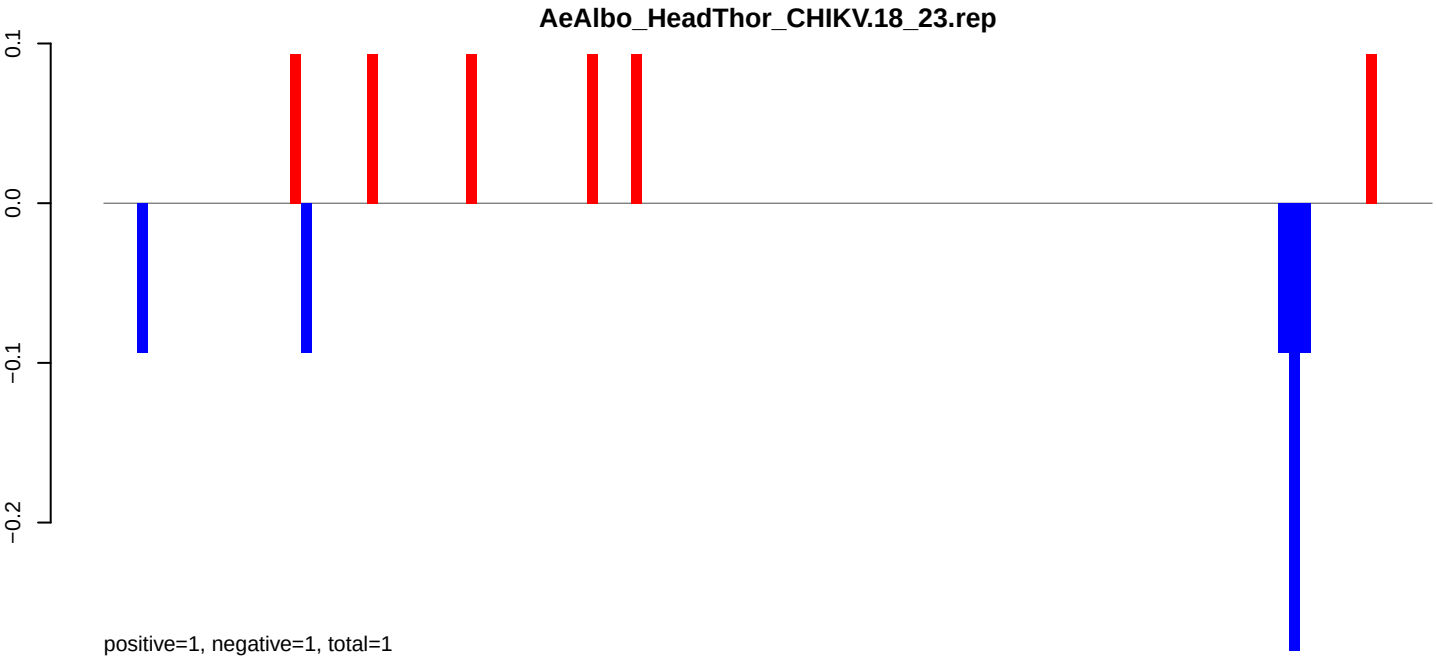

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

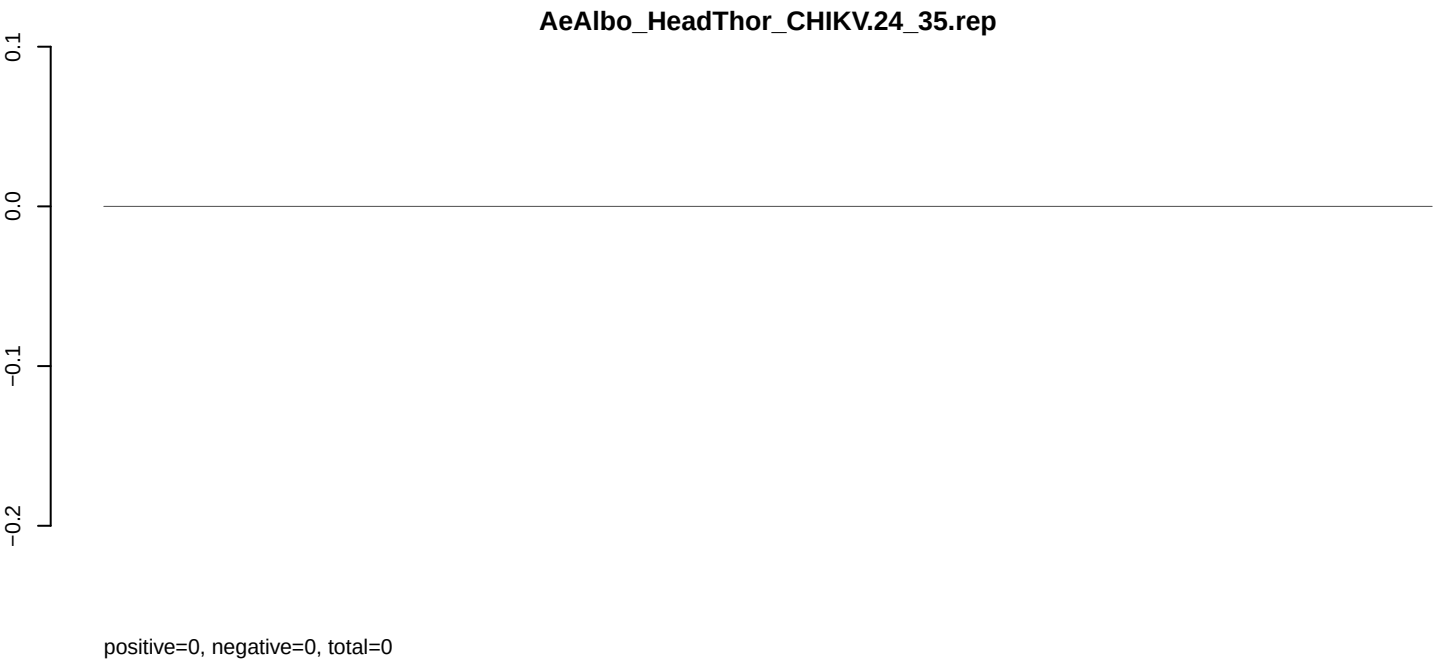

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=0, total=1
Window size=25, length=3308, TE@ltr−1_family−6375@LTR_Gypsy:1−3308
0
500
1000
1500
2000
2500
3000

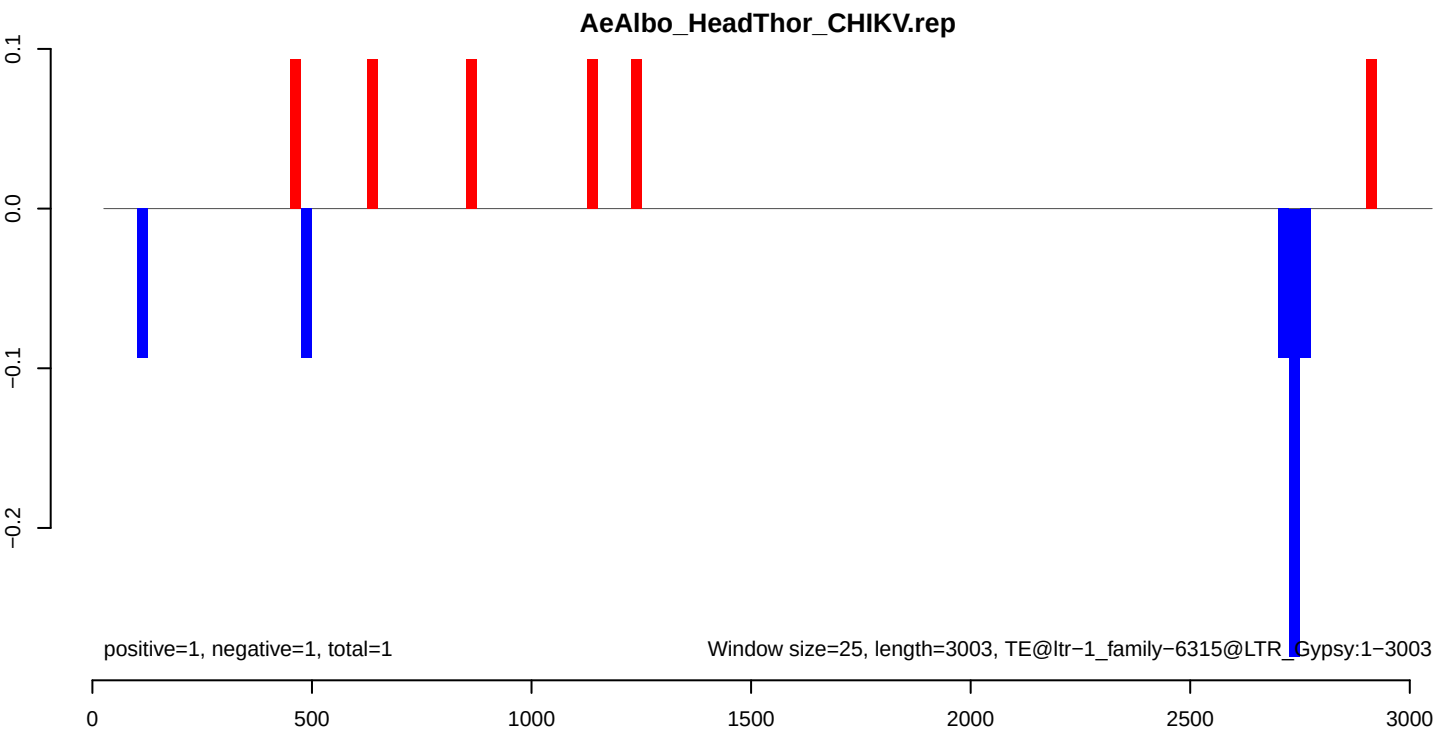

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=2

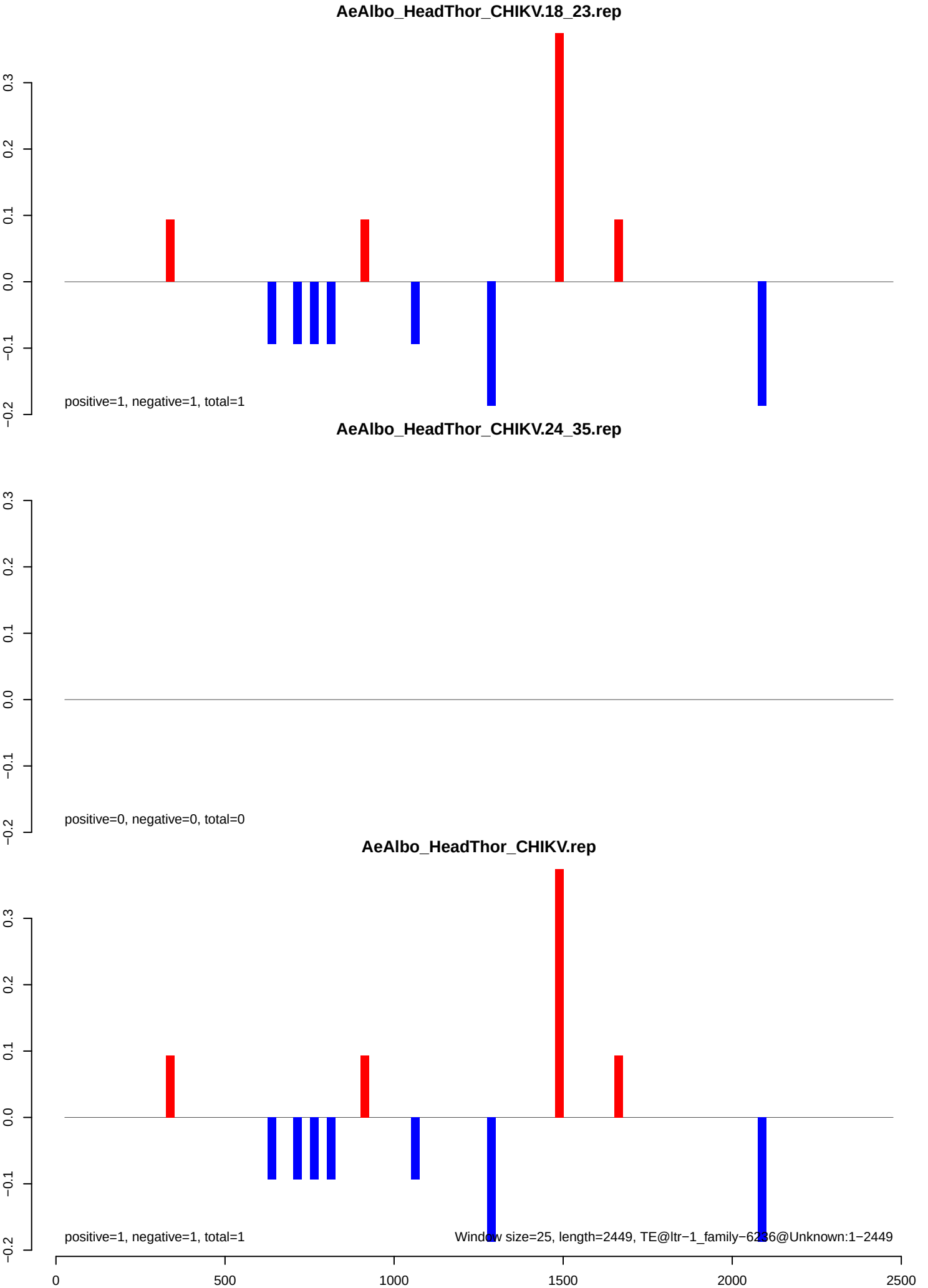

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

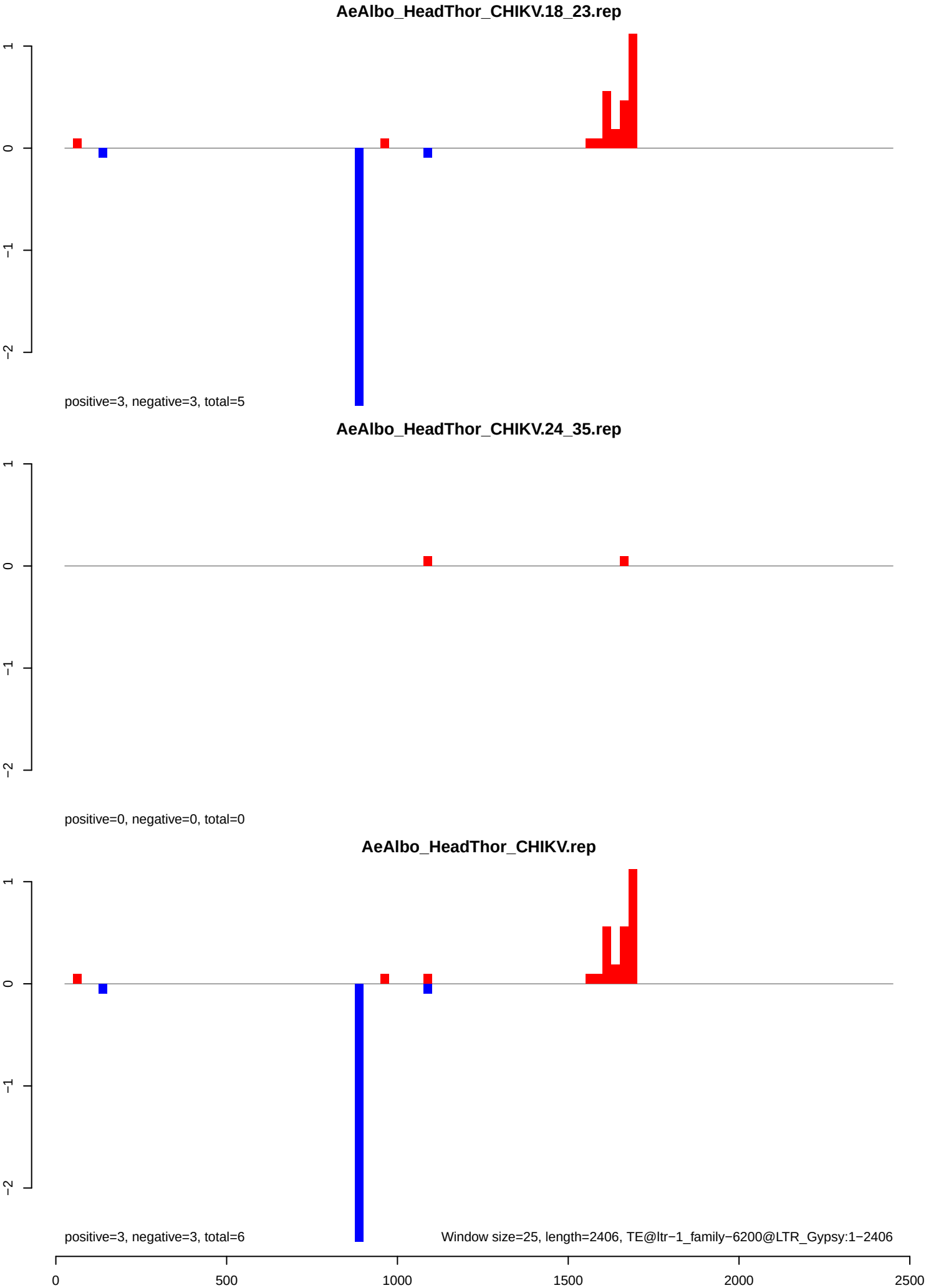

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=2
Window size=25, length=2321, TE@ltr−1_family−6366@LTR_Gypsy:1−2321
0
500
1000
1500
2000

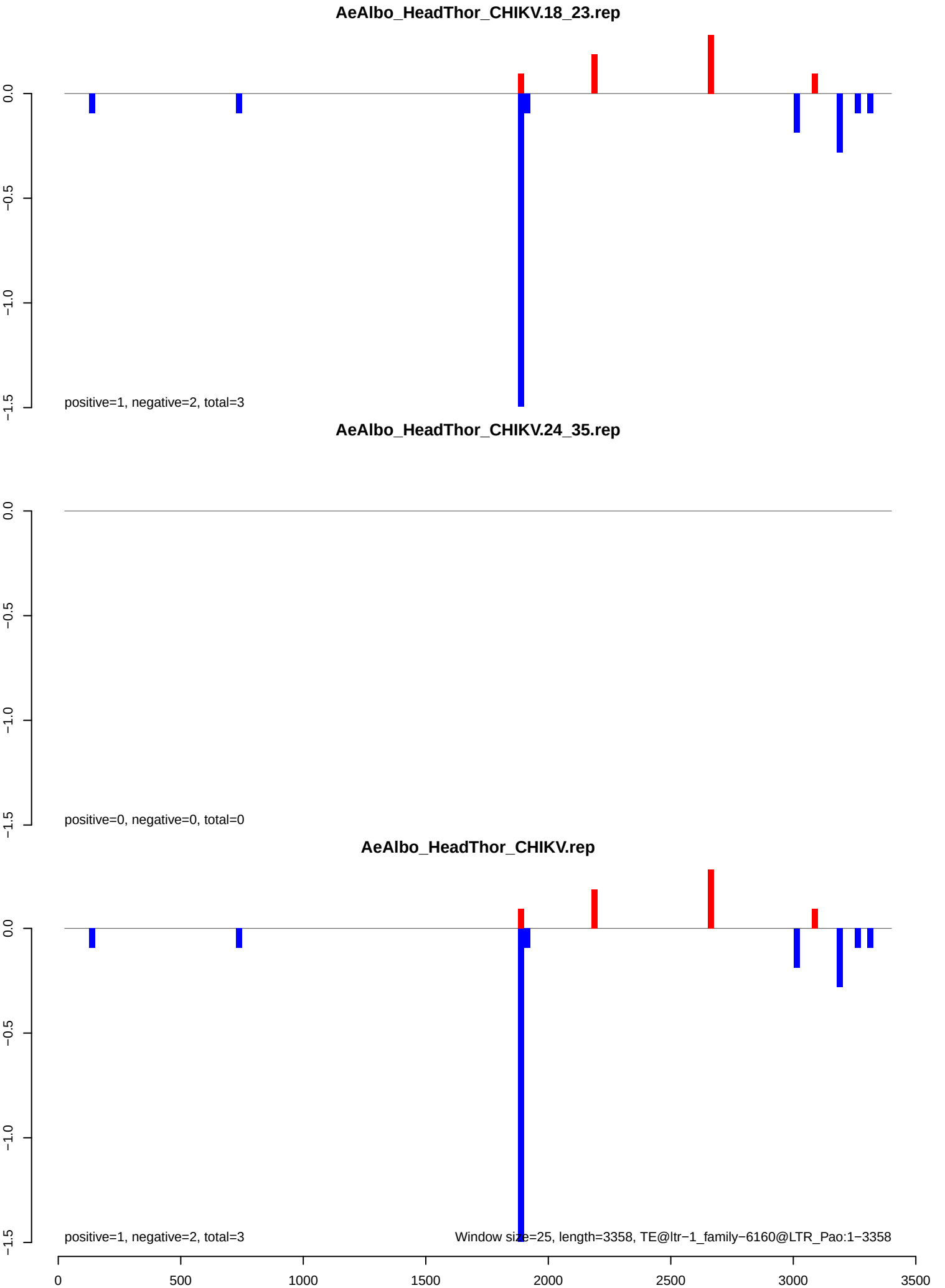

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1

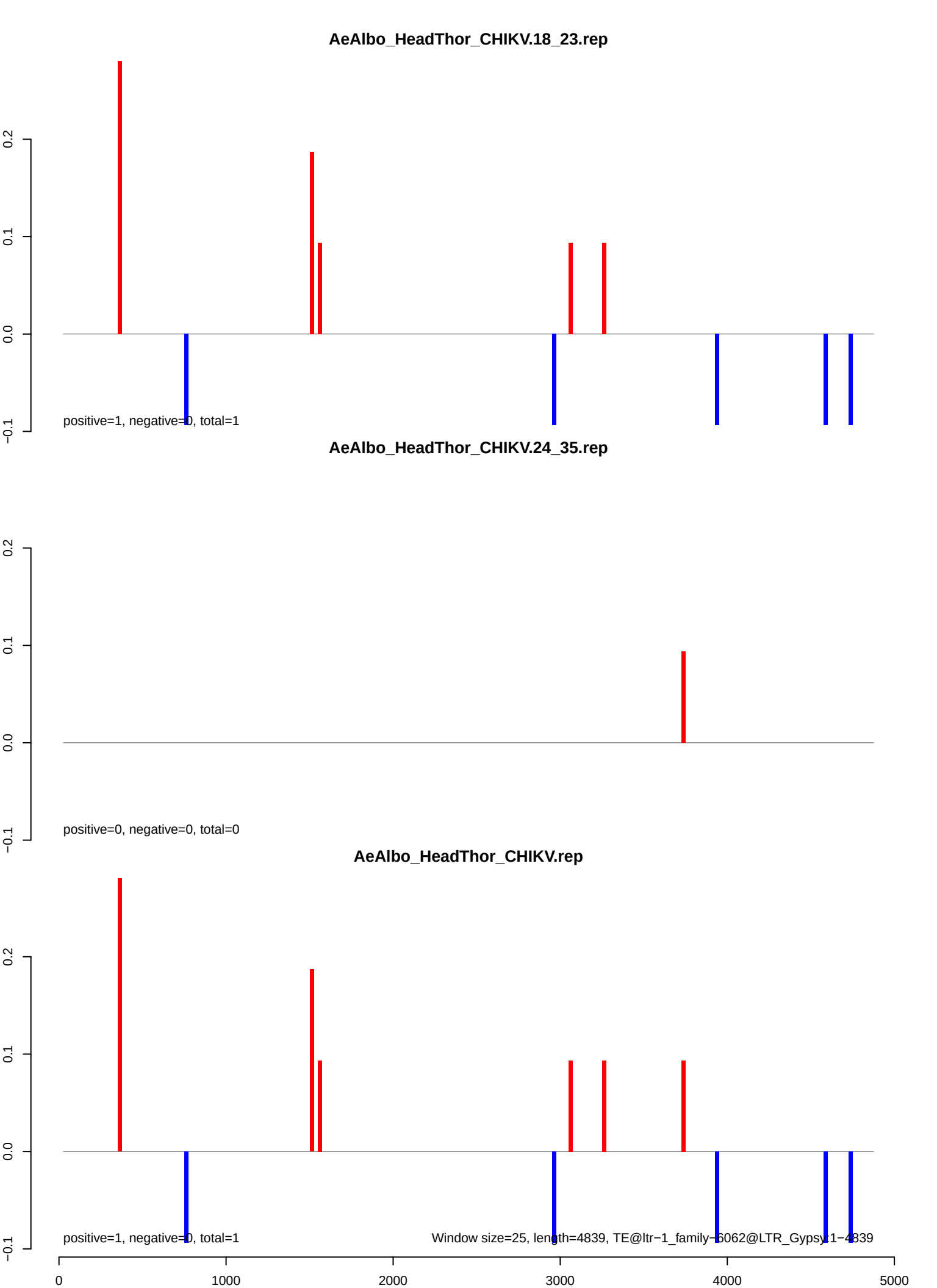

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

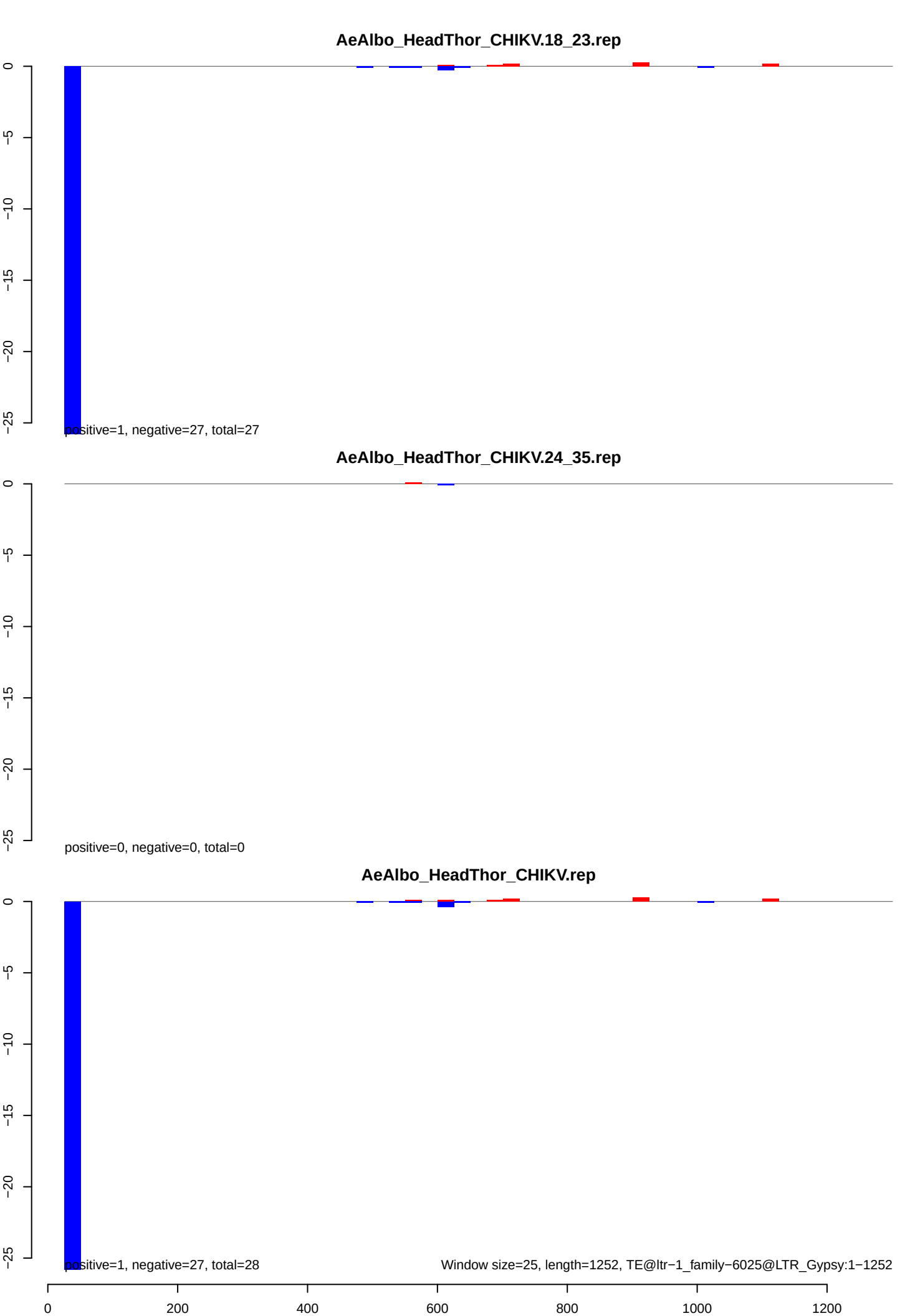

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
Window size=25, length=3003, TE@ltr−1_family−6315@LTR_Gypsy:1−3003
0
500
1000
1500
2000
2500
3000

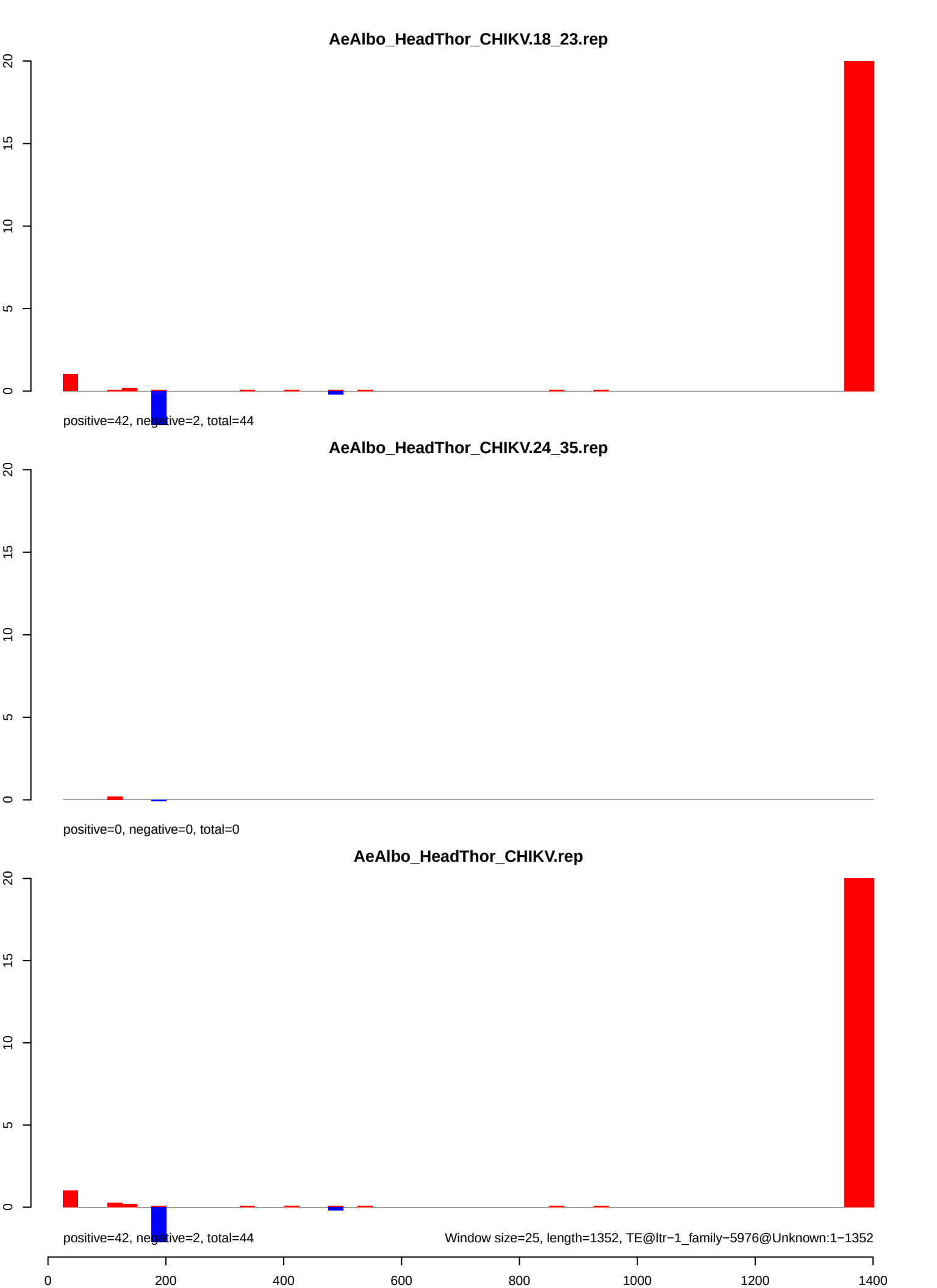

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=1
Window size=25, length=2449, TE@ltr−1_family−6236@Unknown:1−2449
0
500
1000
1500
2000
2500

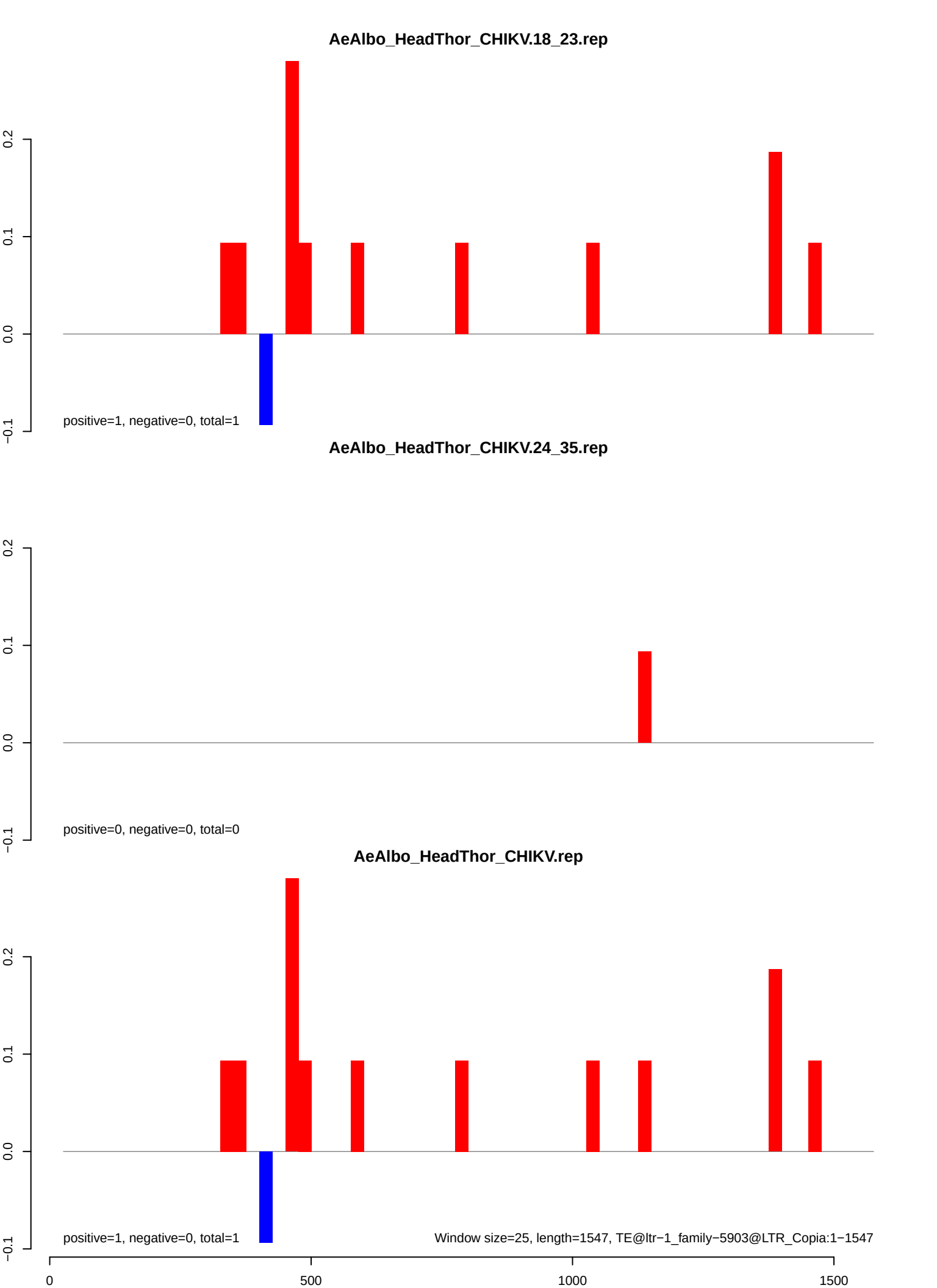

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=3, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=3, negative=3, total=6
Window size=25, length=2406, TE@ltr−1_family−6200@LTR_Gypsy:1−2406
0
500
1000
1500
2000
2500

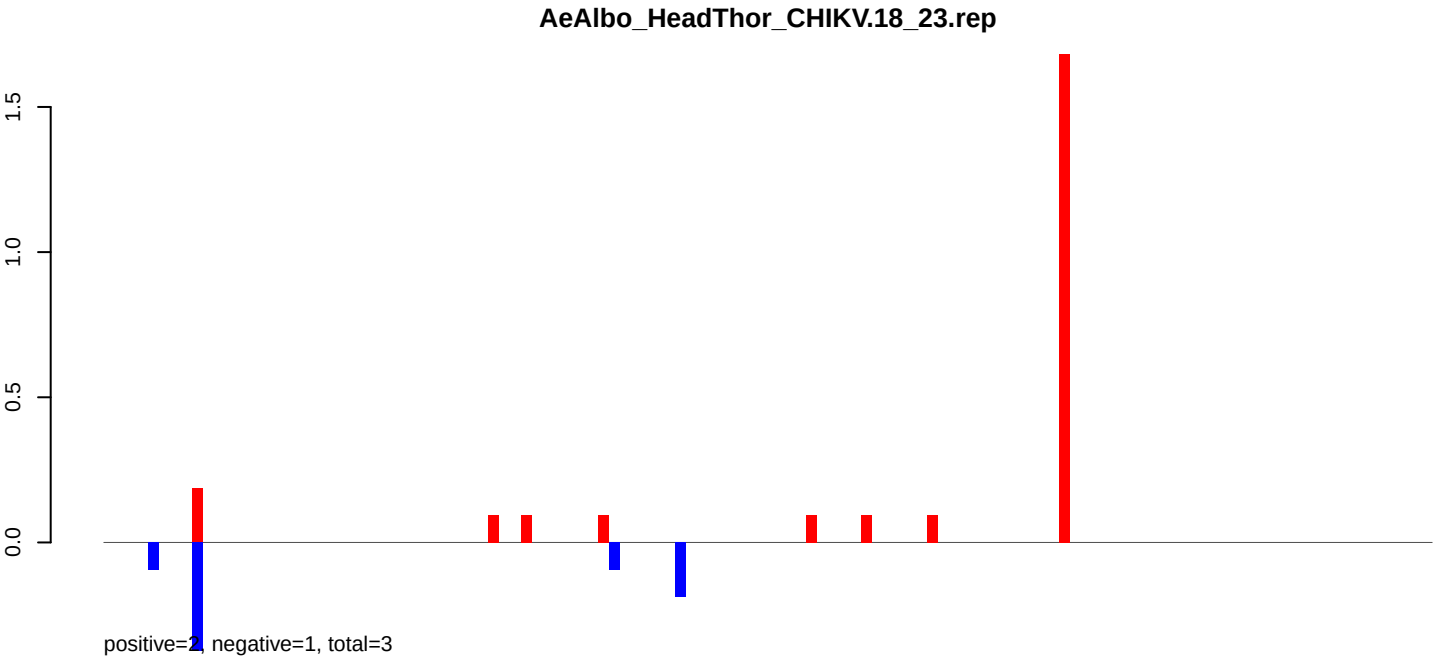

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
Window size=25, length=3358, TE@ltr−1_family−6160@LTR_Pao:1−3358
0
500
1000
1500
2000
2500
3000
3500

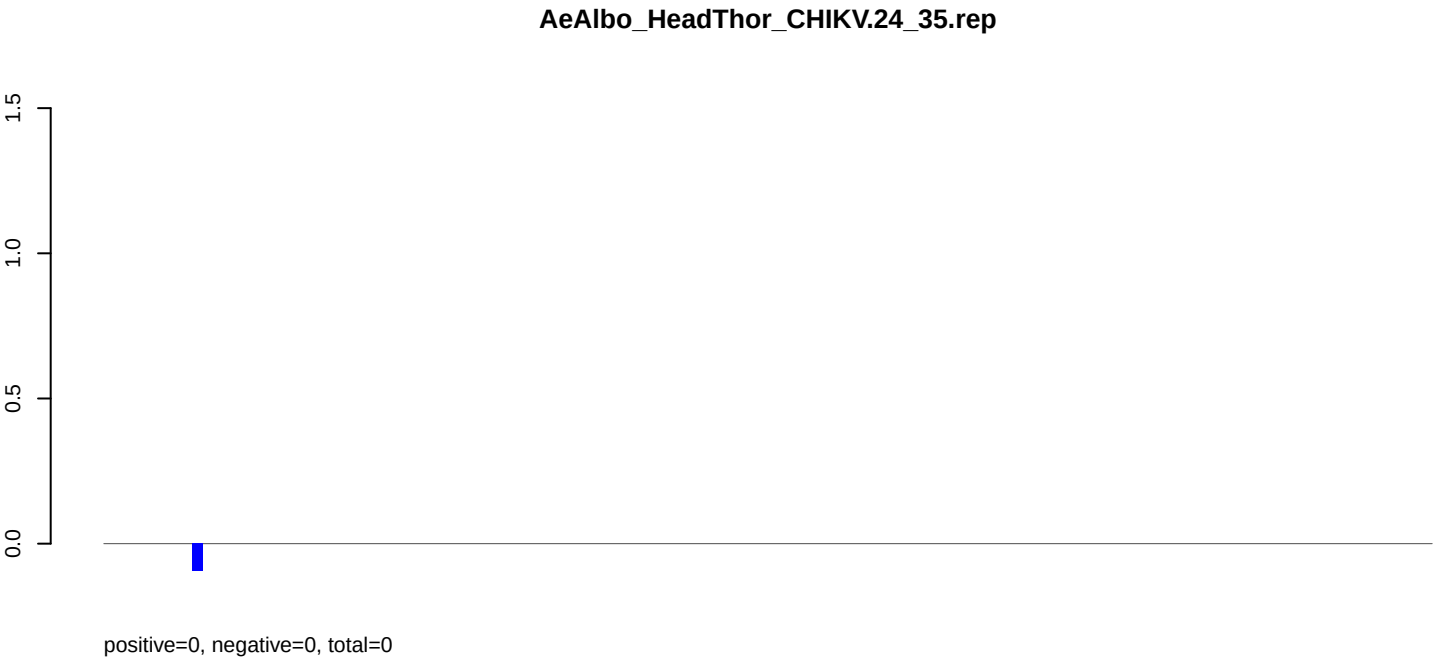

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=4839, TE@ltr−1_family−6062@LTR_Gypsy:1−4839
0
1000
2000
3000
4000
5000

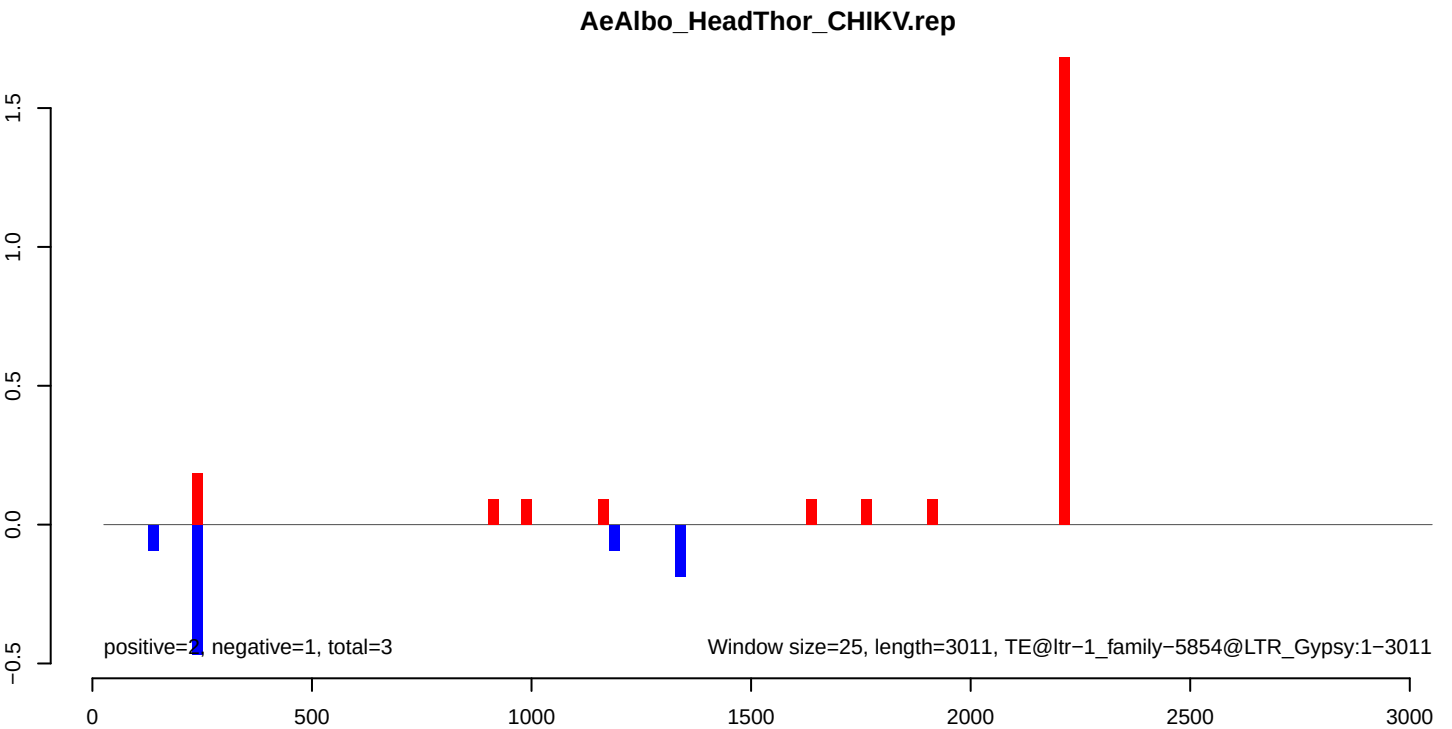

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=1, negative=27, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=1, negative=27, total=28
Window size=25, length=1252, TE@ltr−1_family−6025@LTR_Gypsy:1−1252
0
200
400
600
800
1000
1200

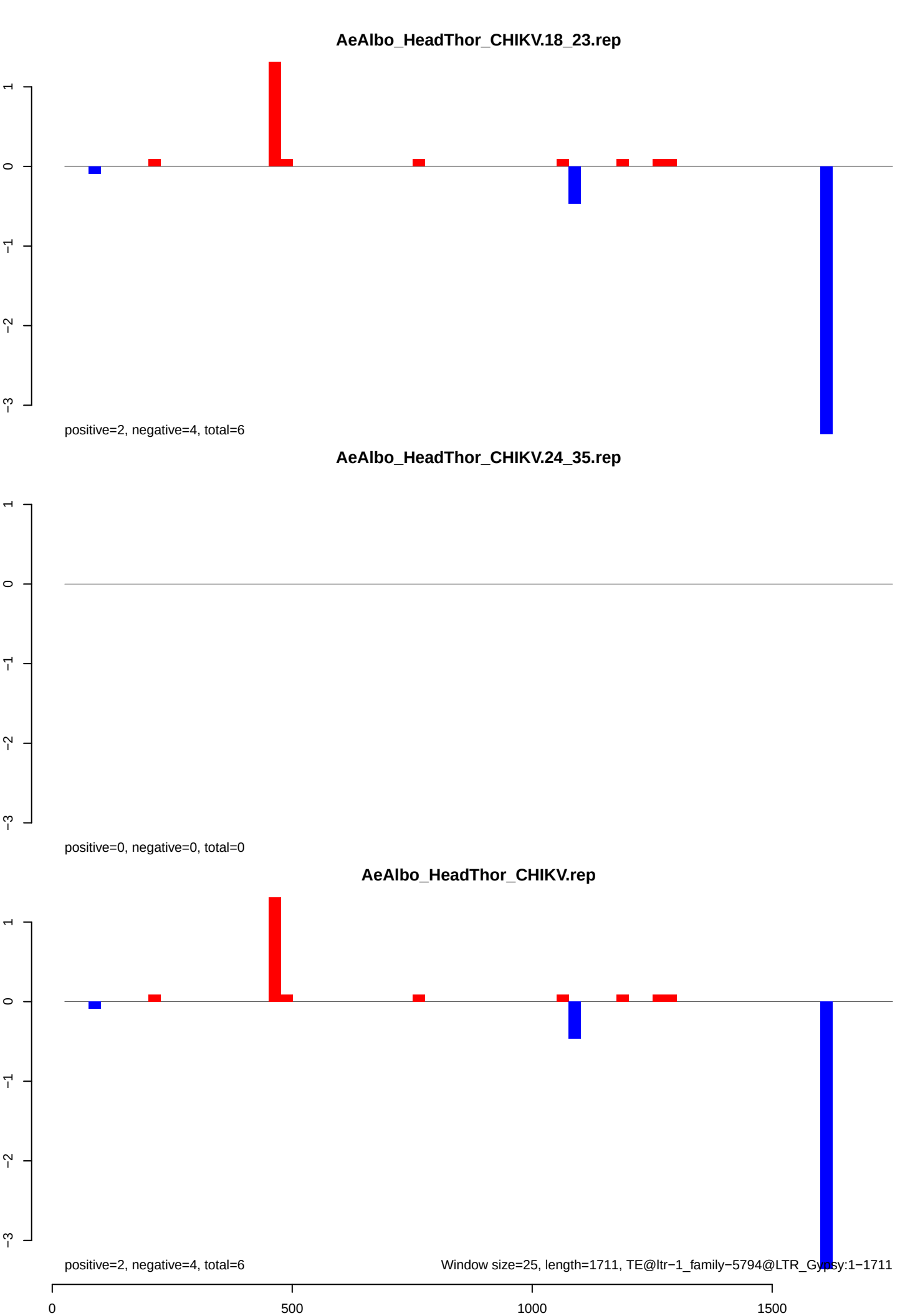

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=42, negative=2, total=44
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=42, negative=2, total=44
Window size=25, length=1352, TE@ltr−1_family−5976@Unknown:1−1352
0
200
400
600
800
1000
1200
1400

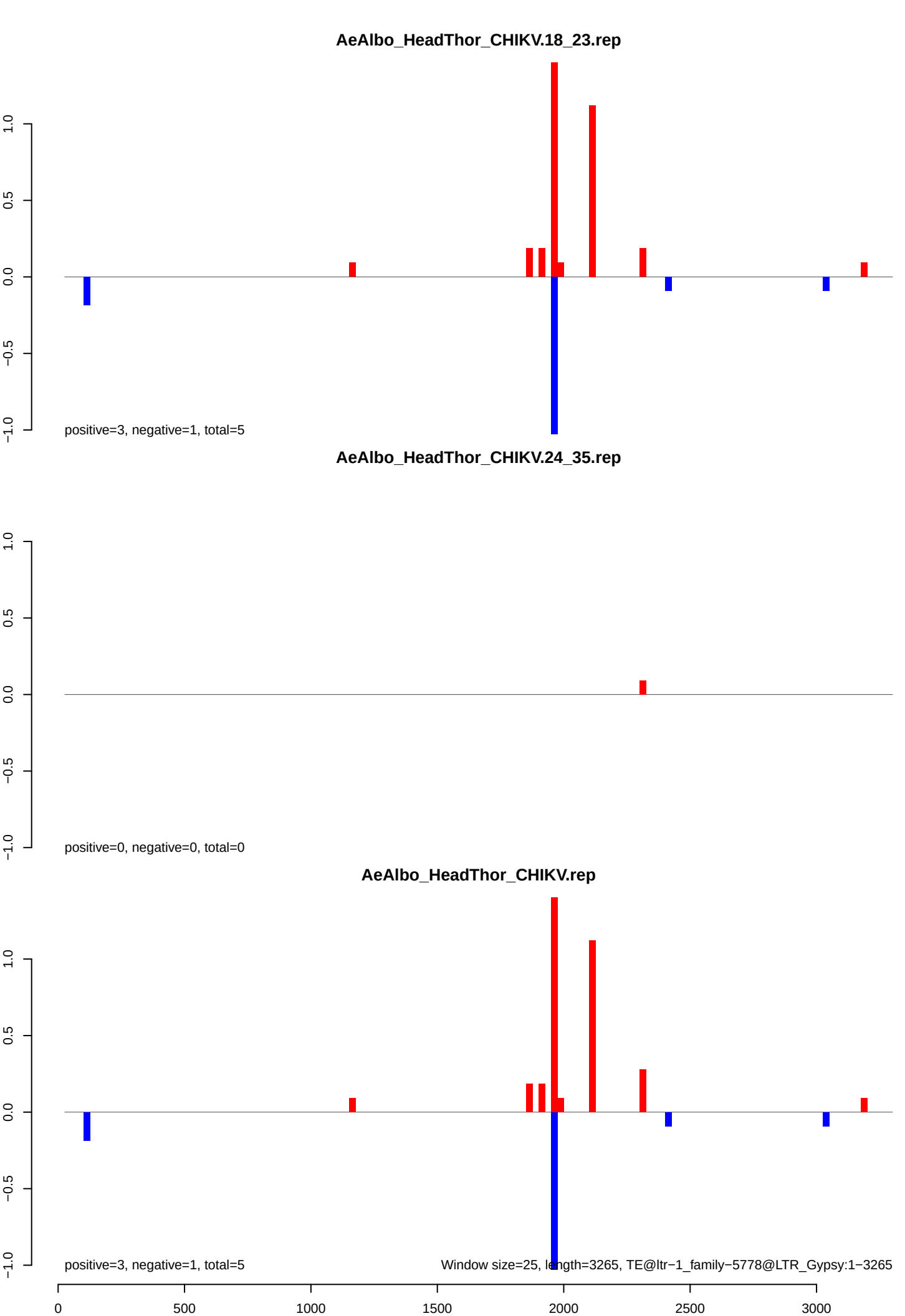

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1547, TE@ltr−1_family−5903@LTR_Copia:1−1547
0
500
1000
1500

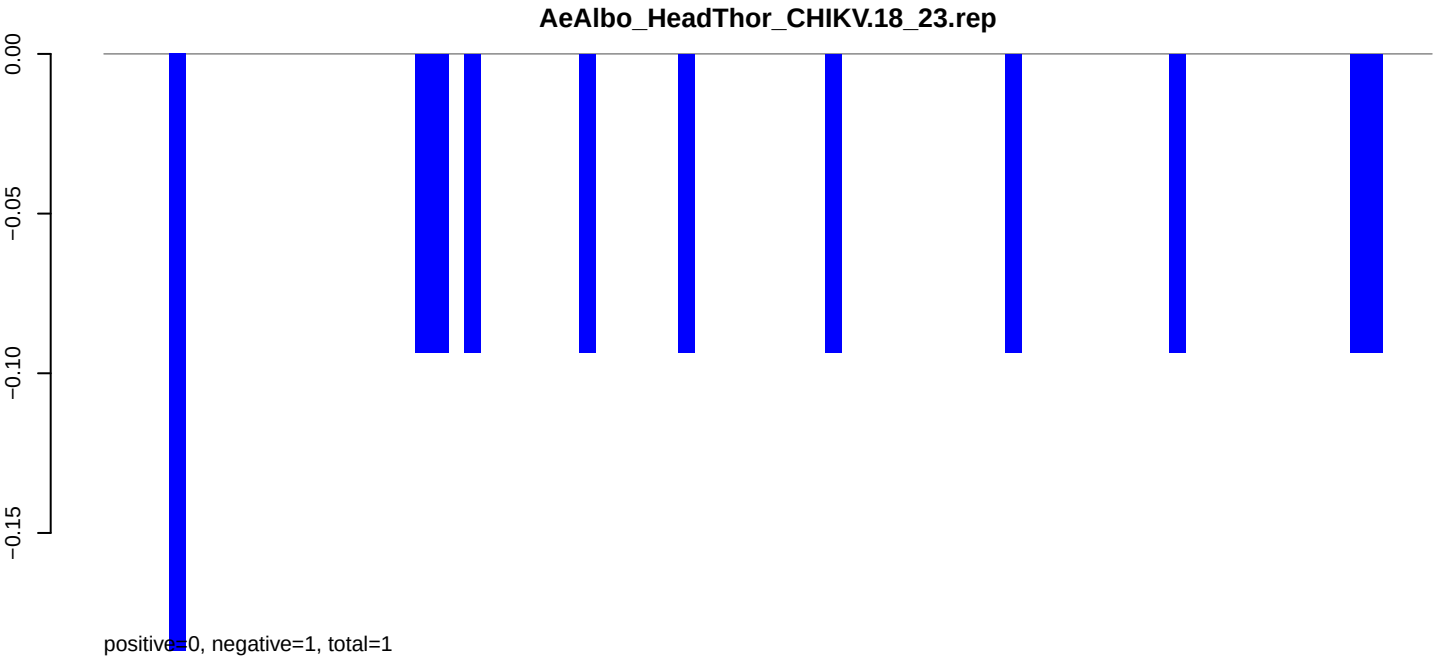

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3


AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

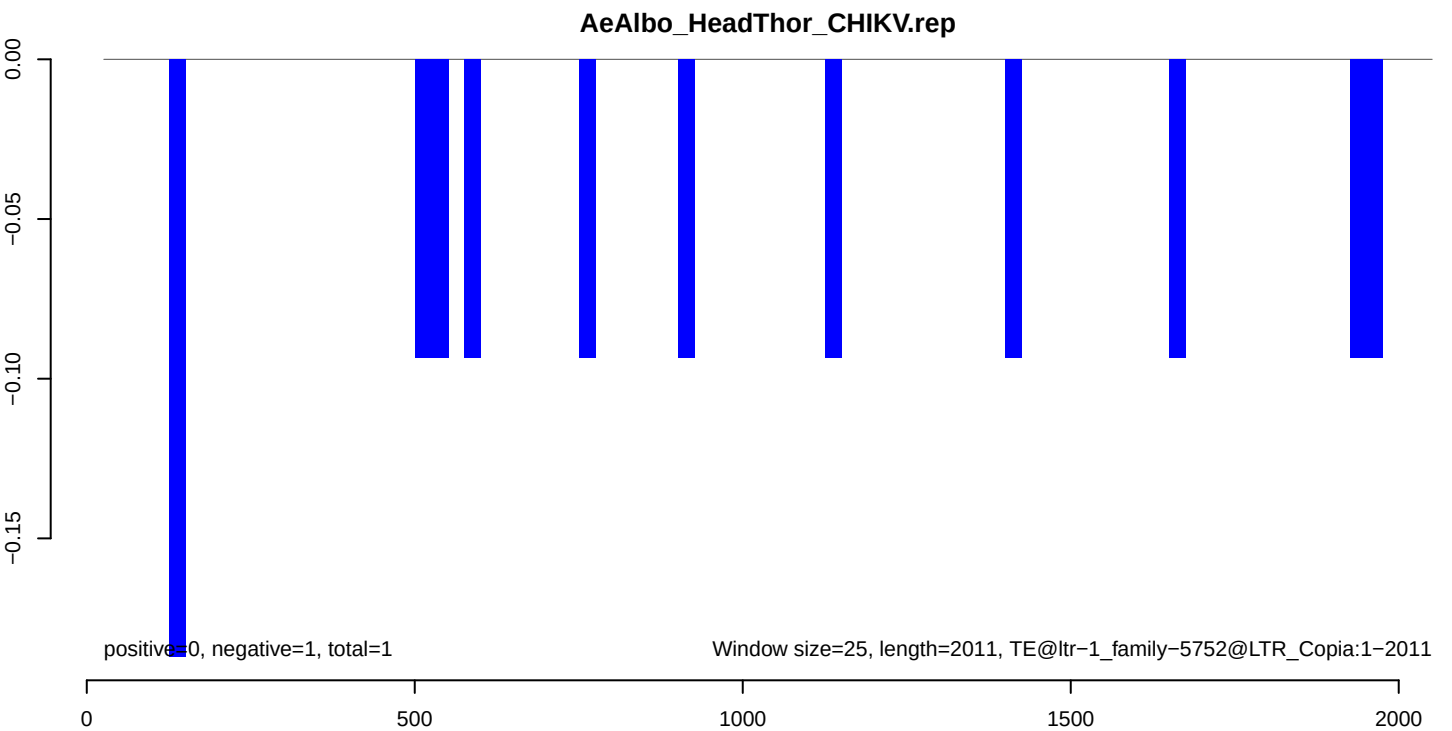

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=2, negative=1, total=3
Window size=25, length=3011, TE@ltr−1_family−5854@LTR_Gypsy:1−3011
0
500
1000
1500
2000
2500
3000

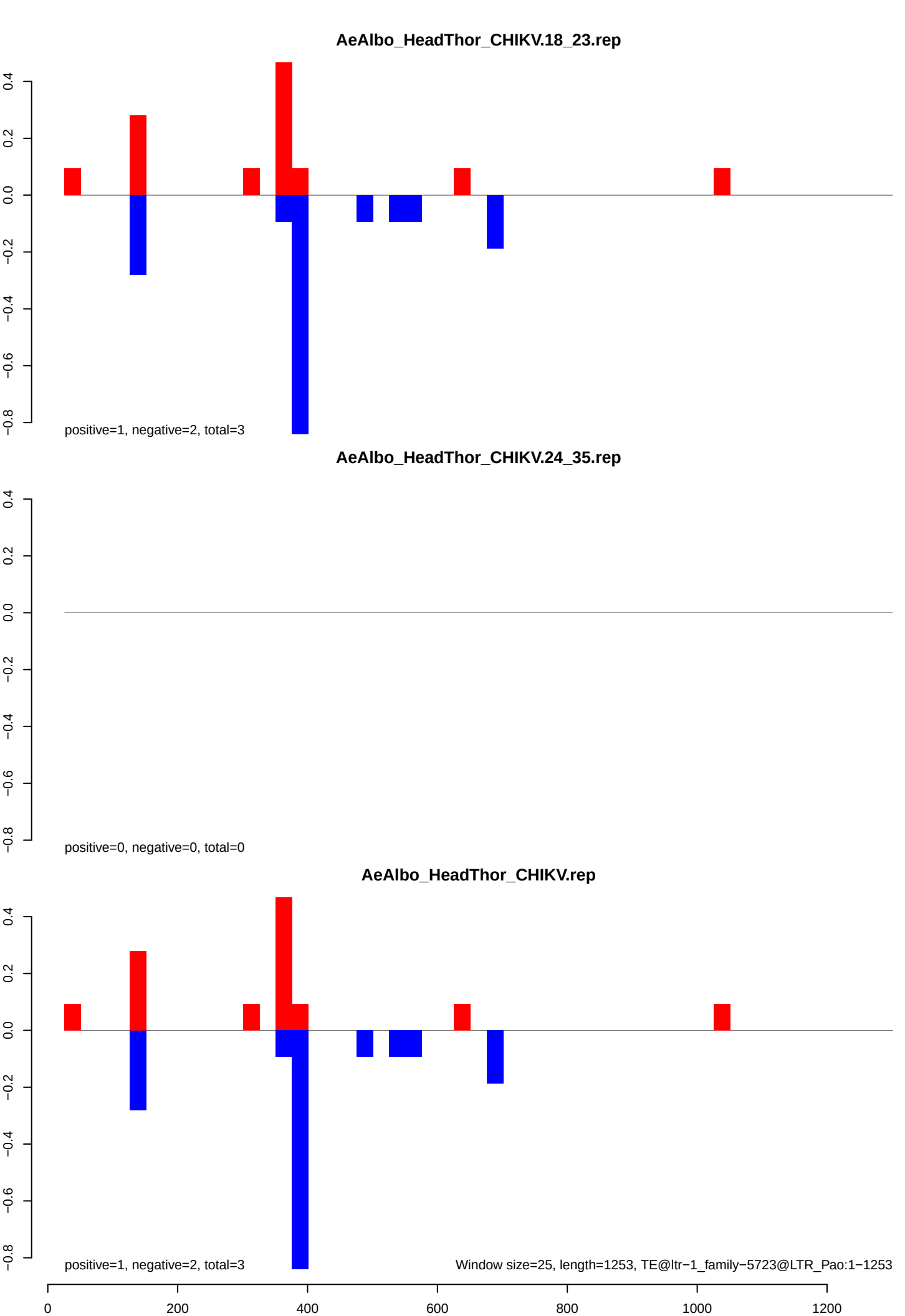

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
−3
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
−3
positive=2, negative=4, total=6
Window size=25, length=1711, TE@ltr−1_family−5794@LTR_Gypsy:1−1711
0
500
1000
1500

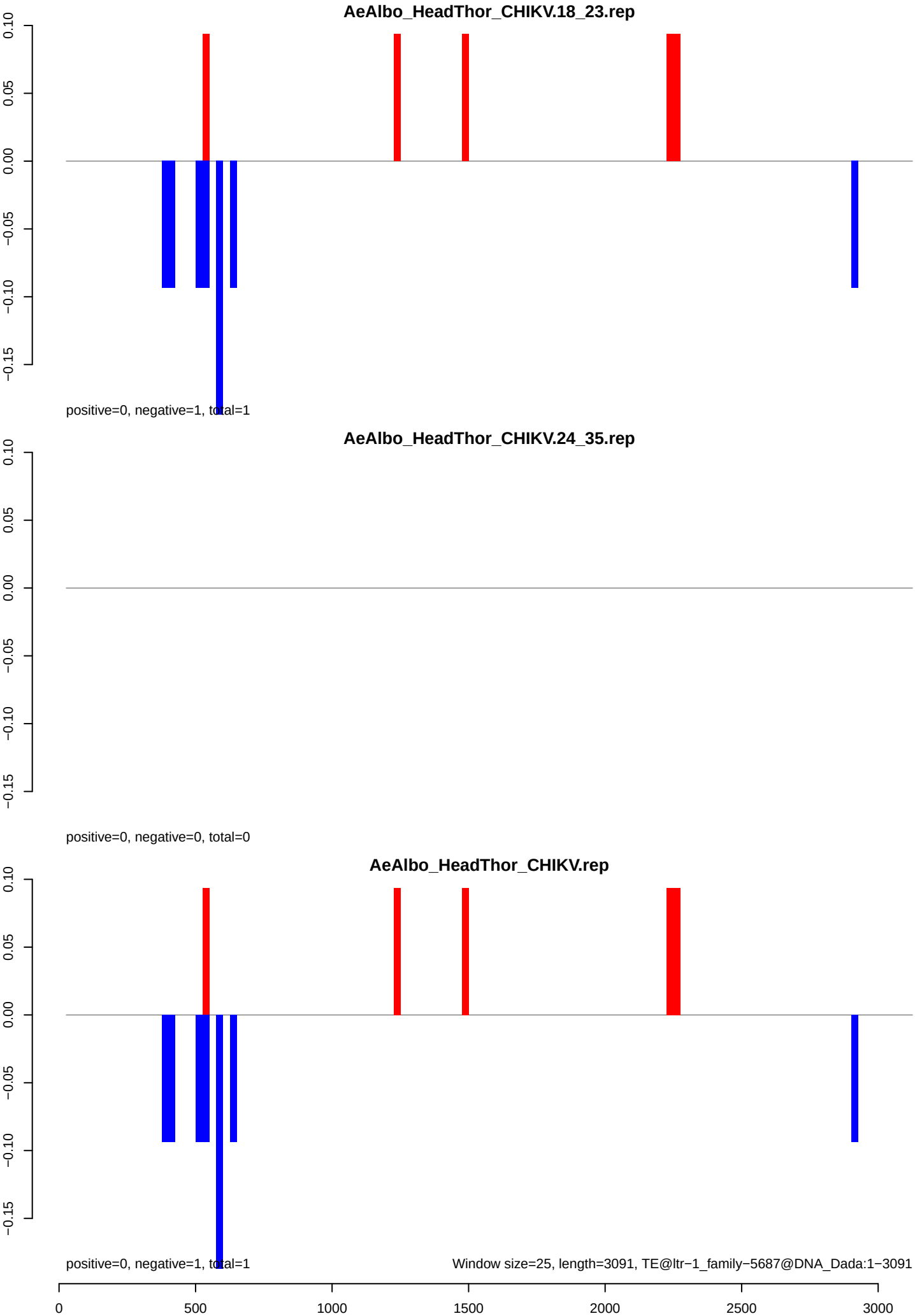

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=1, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=1, total=5
Window size=25, length=3265, TE@ltr−1_family−5778@LTR_Gypsy:1−3265
0
500
1000
1500
2000
2500
3000

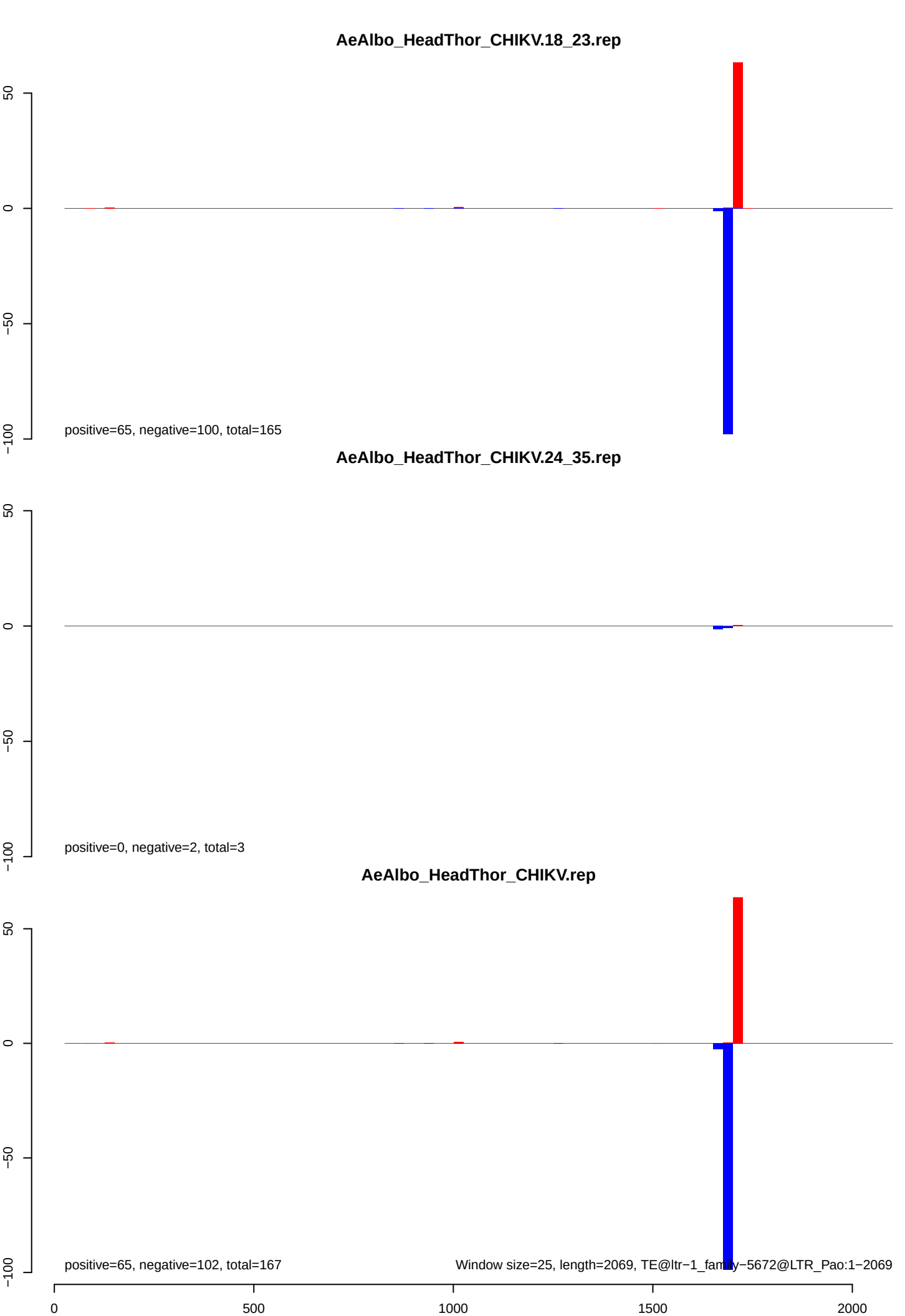

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1

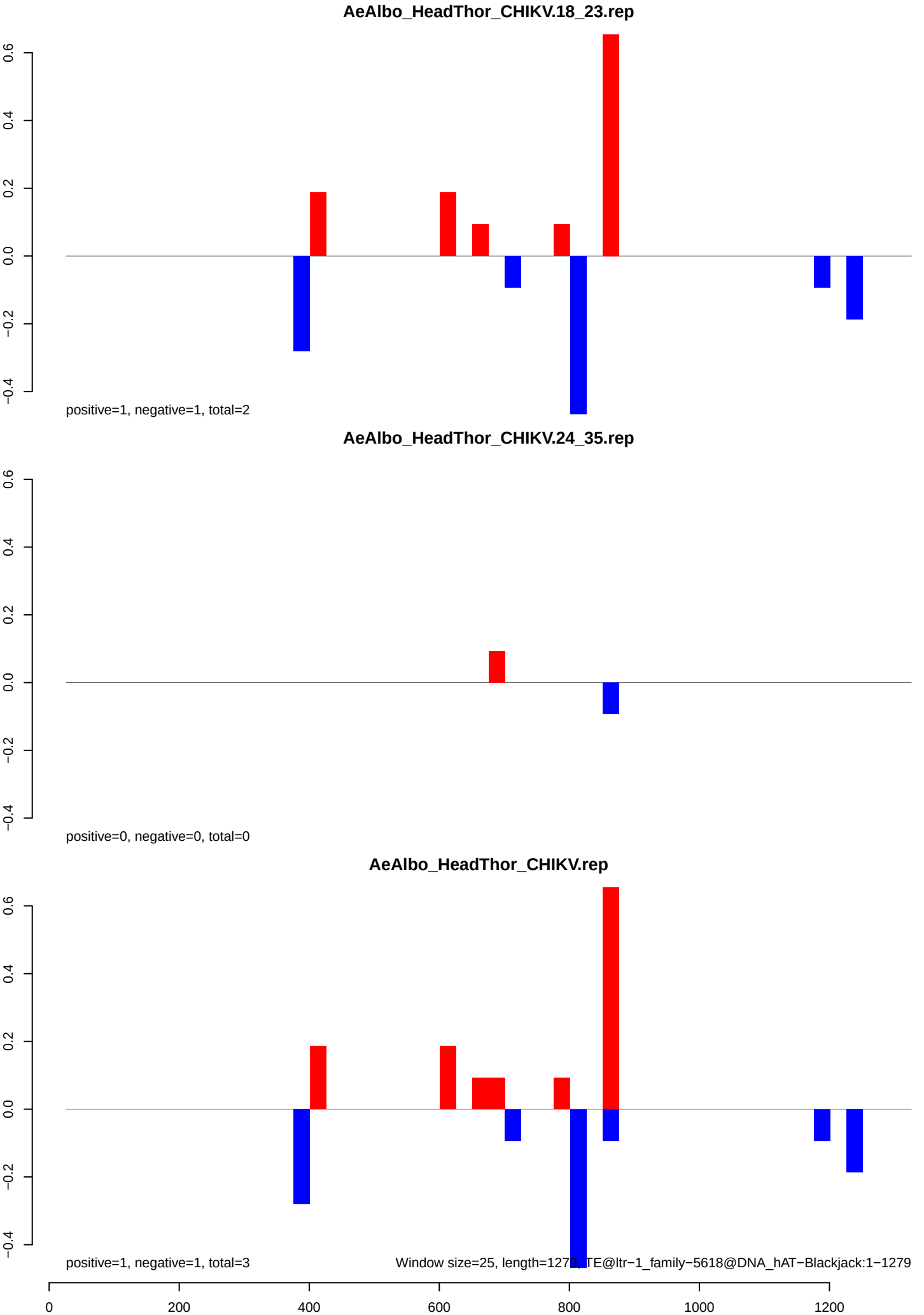
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

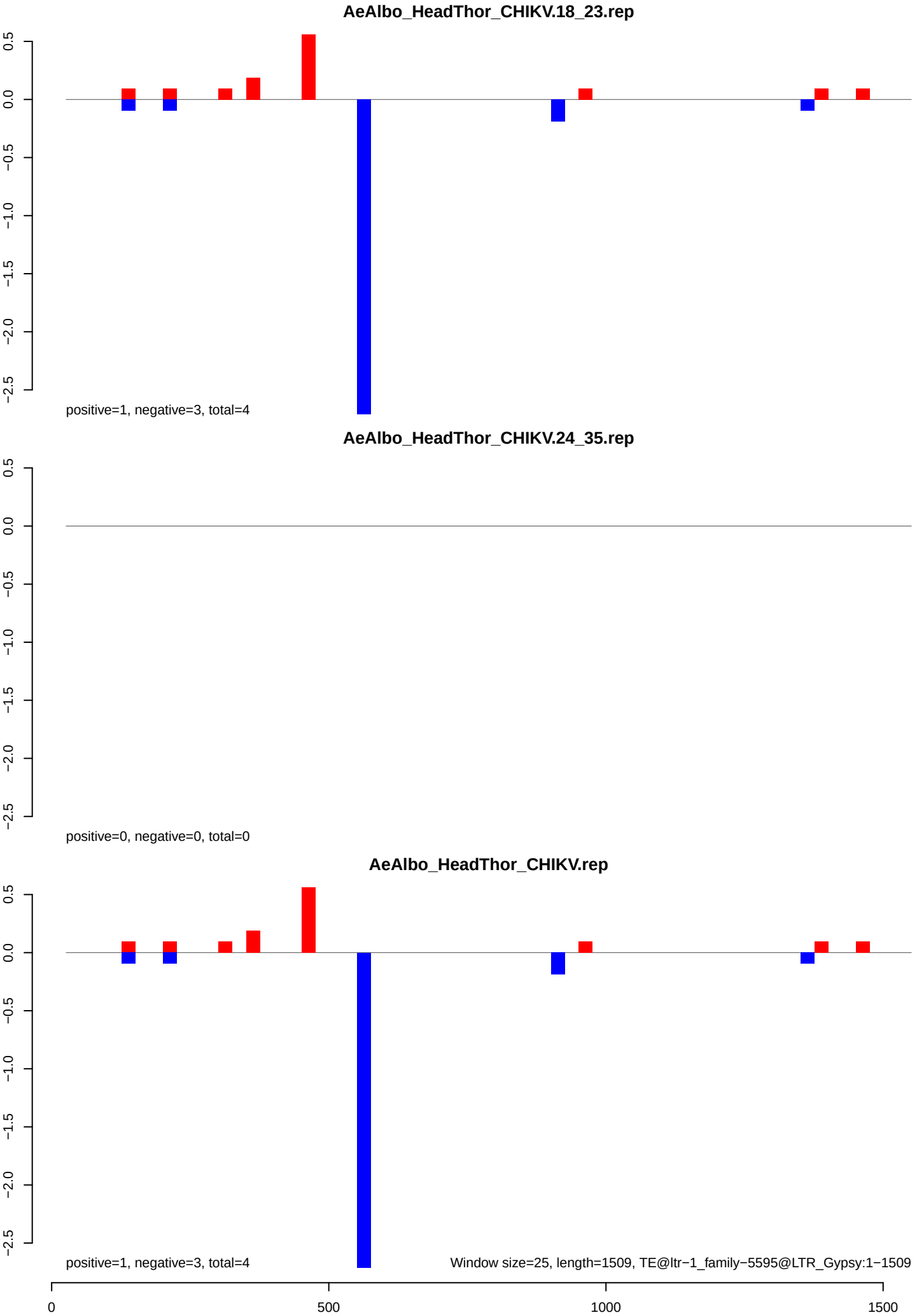

AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=2011, TE@ltr−1_family−5752@LTR_Copia:1−2011
0
500
1000
1500
2000

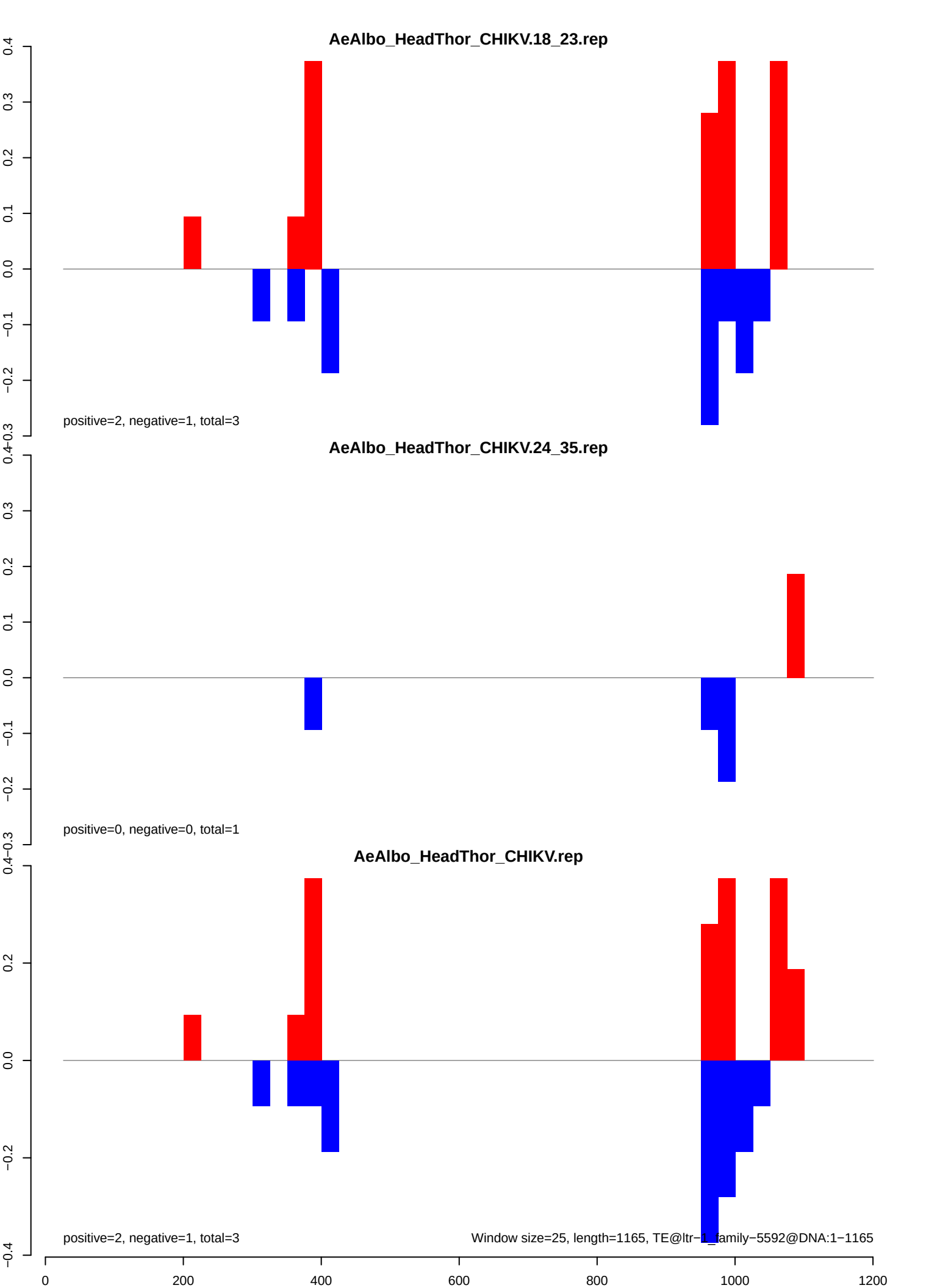

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=1253, TE@ltr−1_family−5723@LTR_Pao:1−1253
0
200
400
600
800
1000
1200

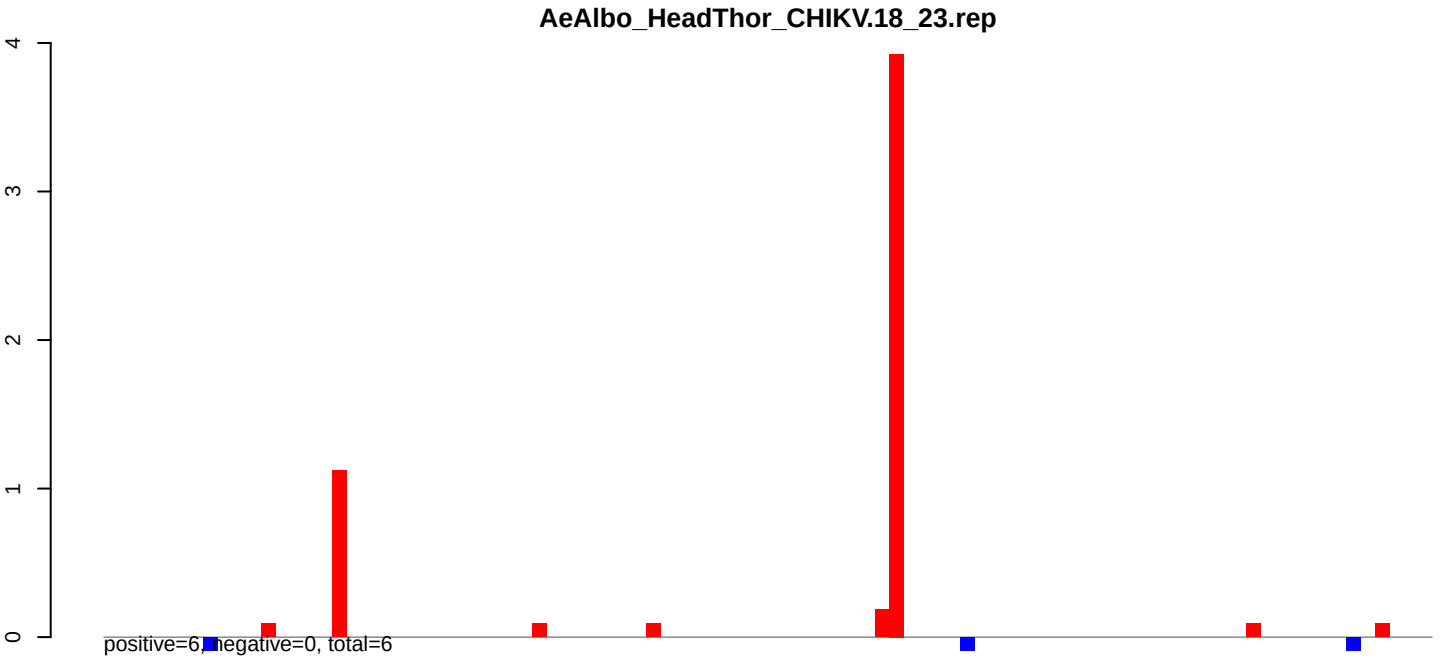

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=3091, TE@ltr−1_family−5687@DNA_Dada:1−3091
0
500
1000
1500
2000
2500
3000

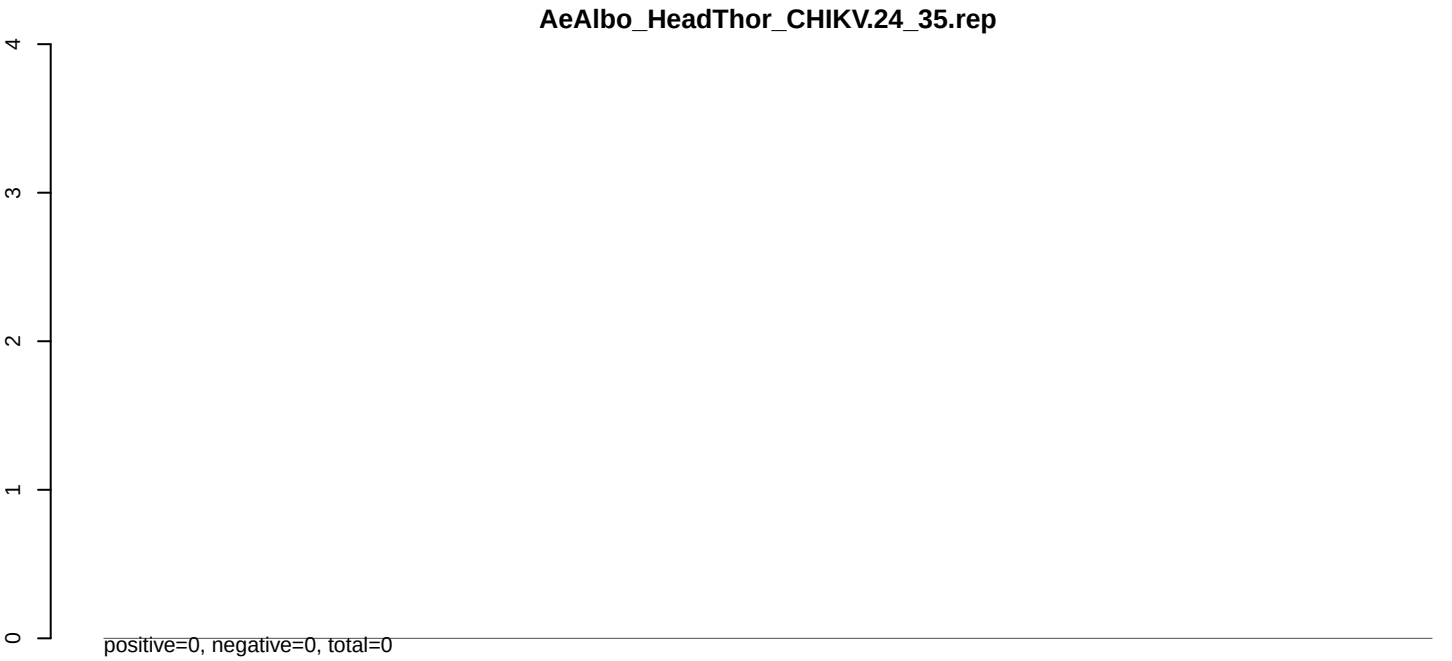

AeAlbo_HeadThor_CHIKV.18_23.rep
50
0
−50
−100
positive=65, negative=100, total=165
AeAlbo_HeadThor_CHIKV.24_35.rep
50
0
−50
−100
positive=0, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
50
0
−50
−100
positive=65, negative=102, total=167
Window size=25, length=2069, TE@ltr−1_family−5672@LTR_Pao:1−2069
0
500
1000
1500
2000

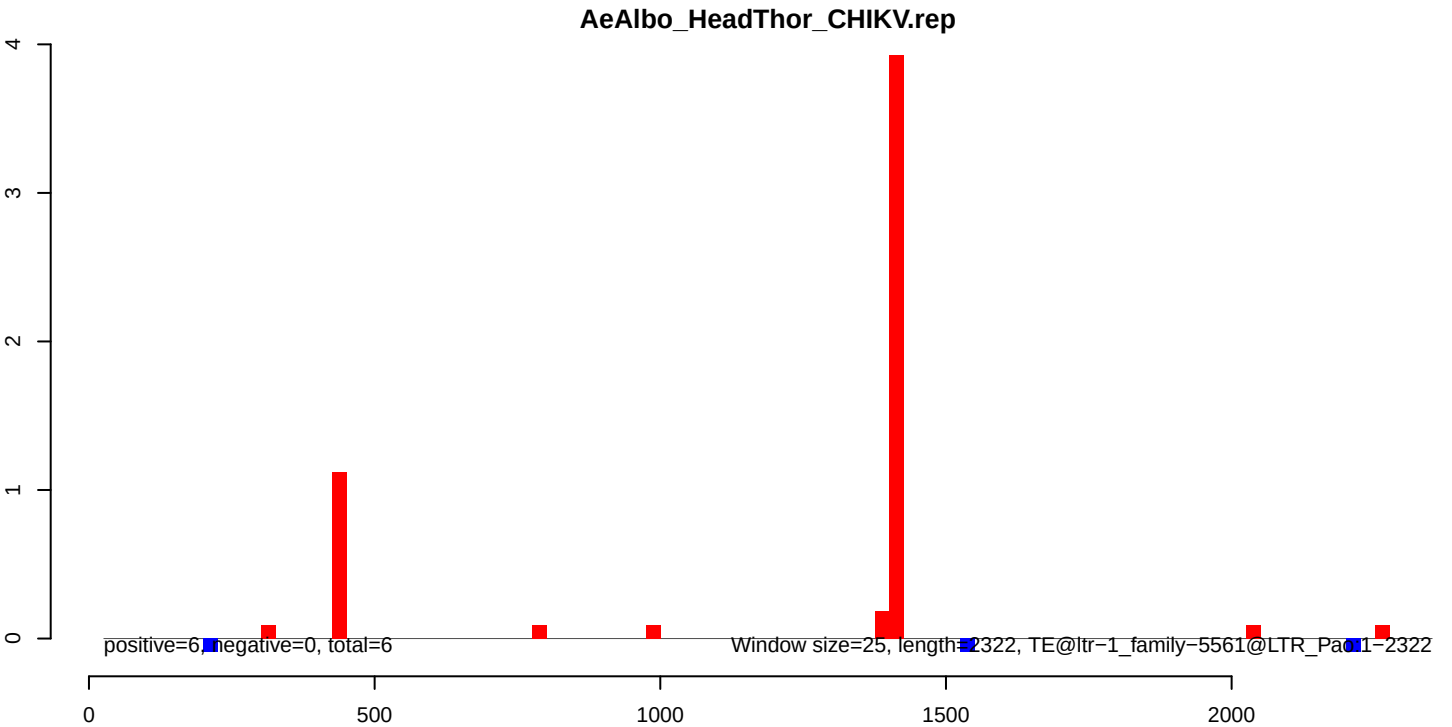

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=3
Window size=25, length=1279, TE@ltr−1_family−5618@DNA_hAT−Blackjack:1−1279
0
200
400
600
800
1000
1200

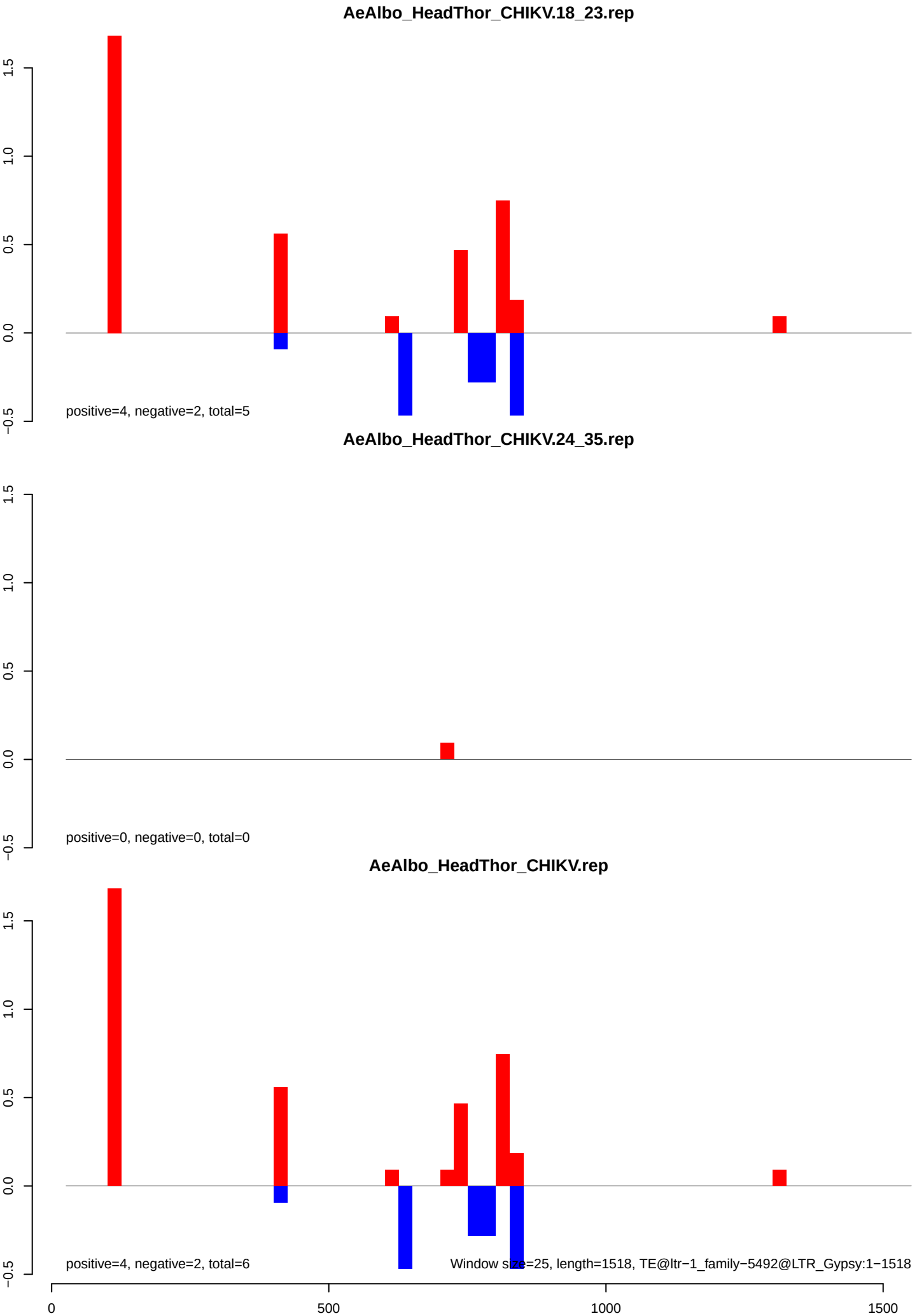

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=3, total=4
Window size=25, length=1509, TE@ltr−1_family−5595@LTR_Gypsy:1−1509
0
500
1000
1500

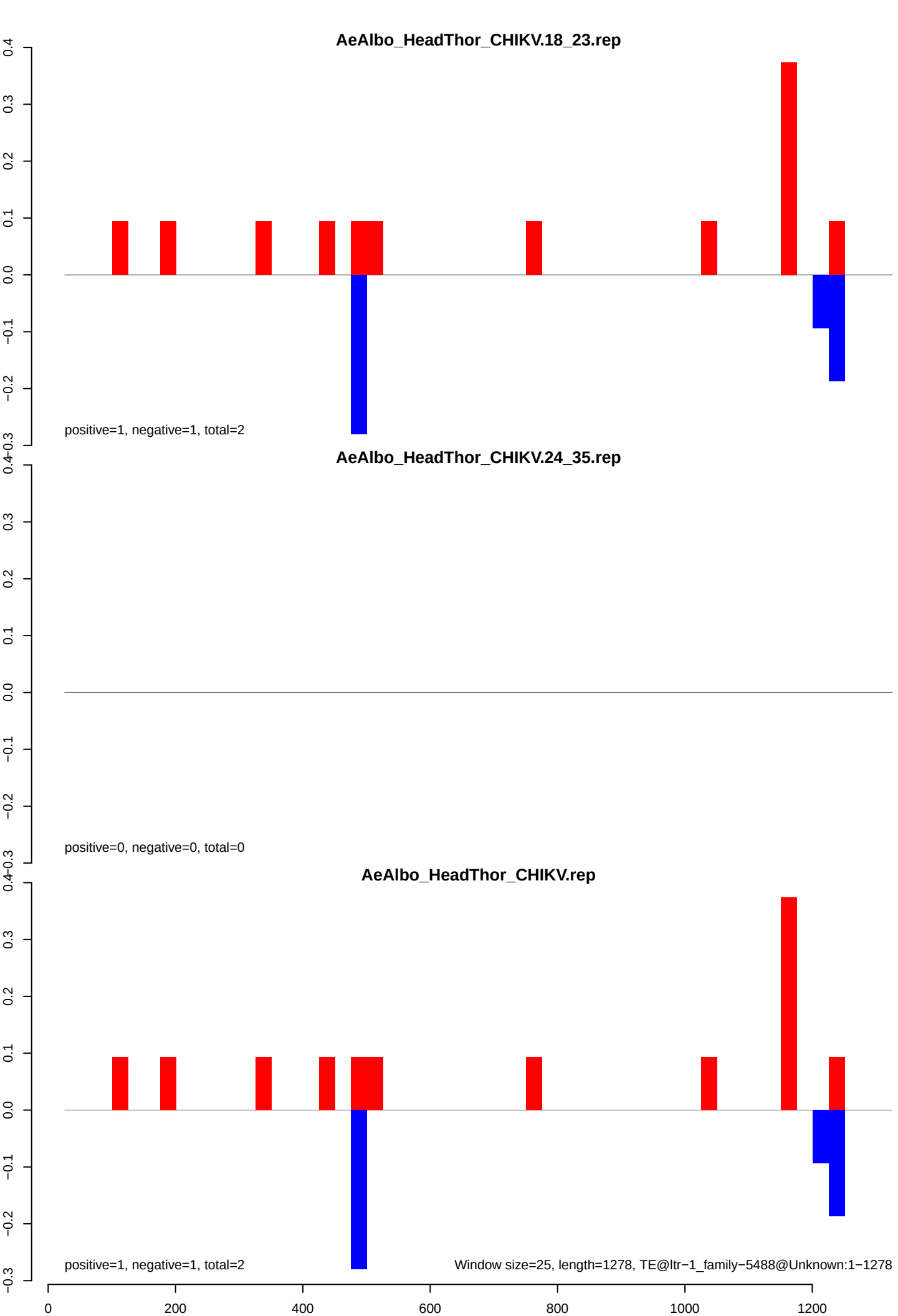

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=1165, TE@ltr−1_family−5592@DNA:1−1165
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
200
400
600
800
1000
1200

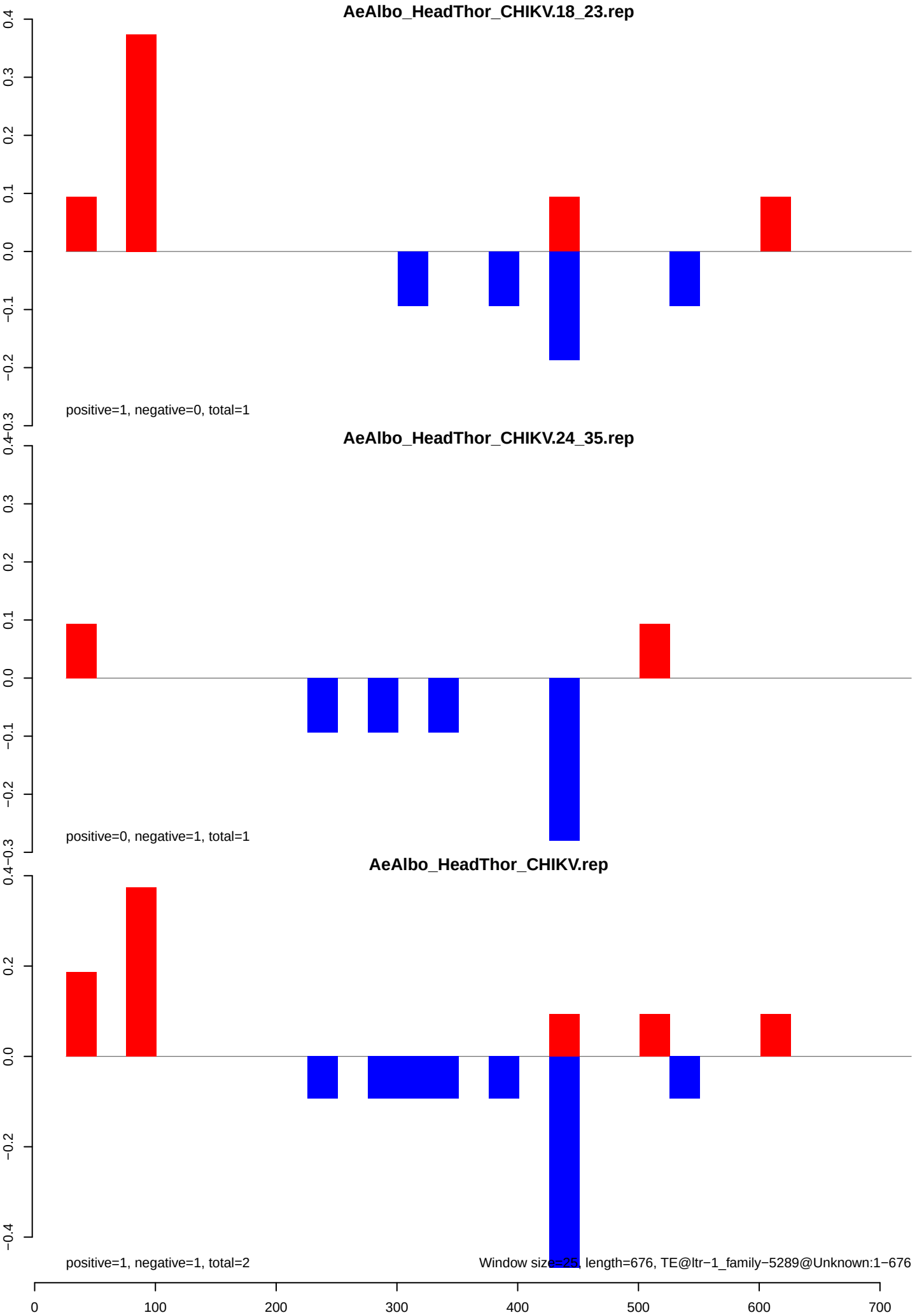

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=6, negative=0, total=6

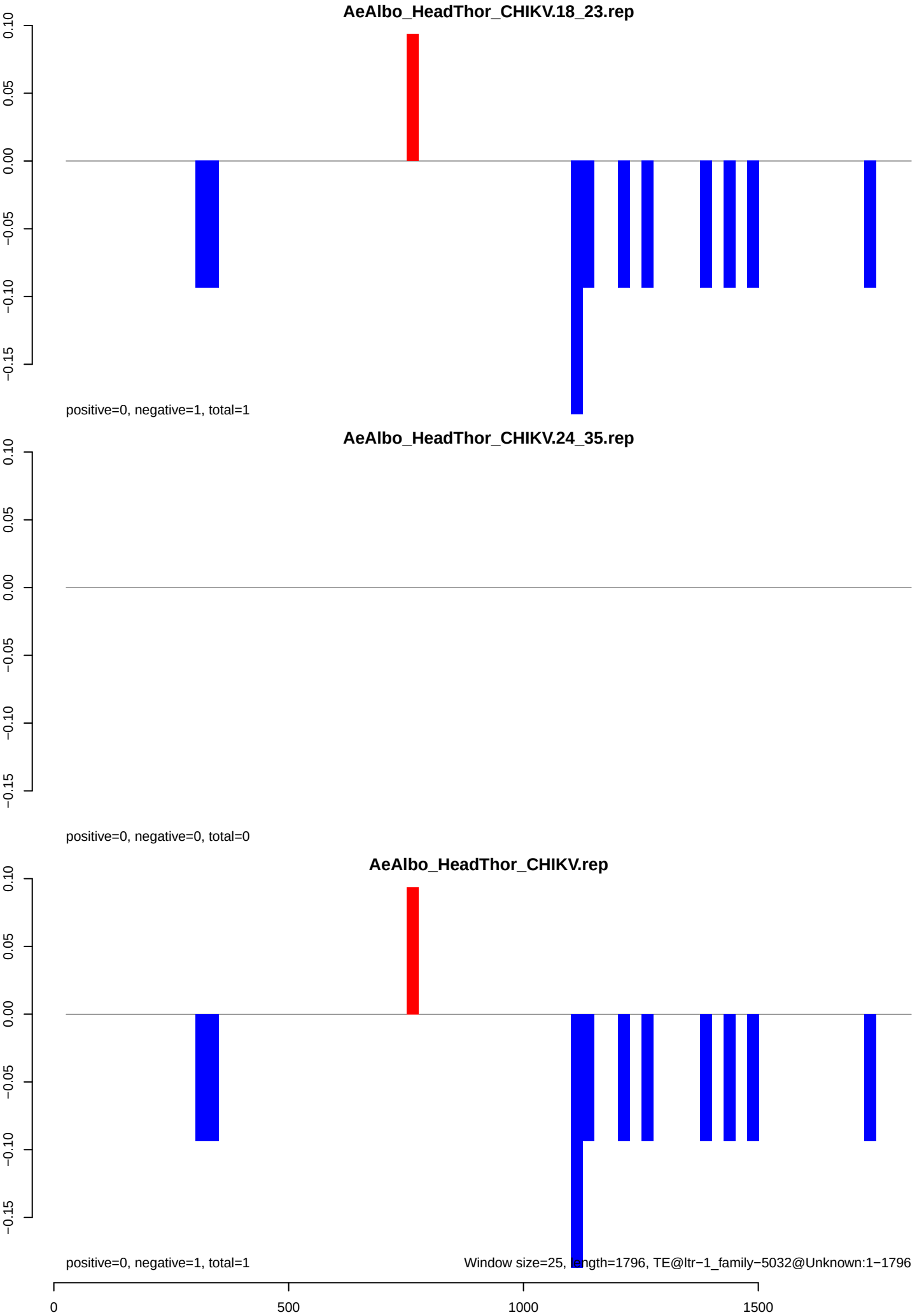

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0

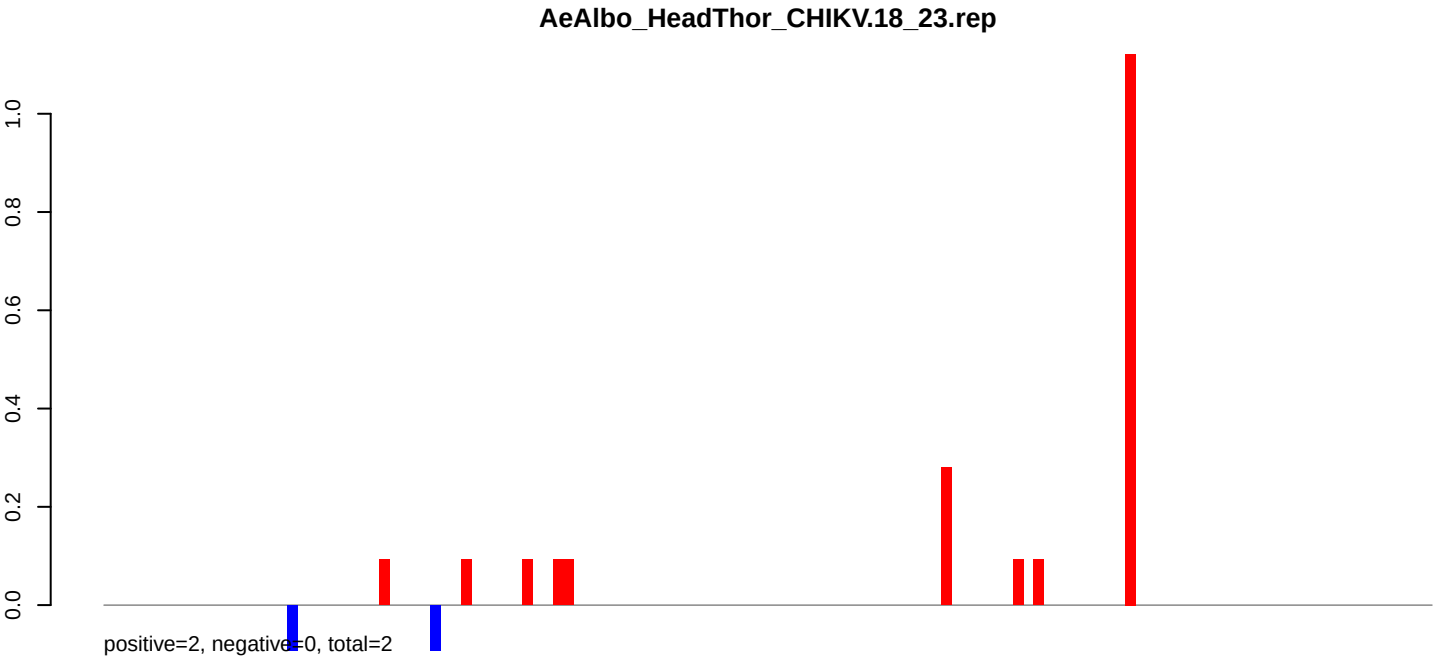

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=6, negative=0, total=6
Window size=25, length=2322, TE@ltr−1_family−5561@LTR_Pao1−2322
0
500
1000
1500
2000

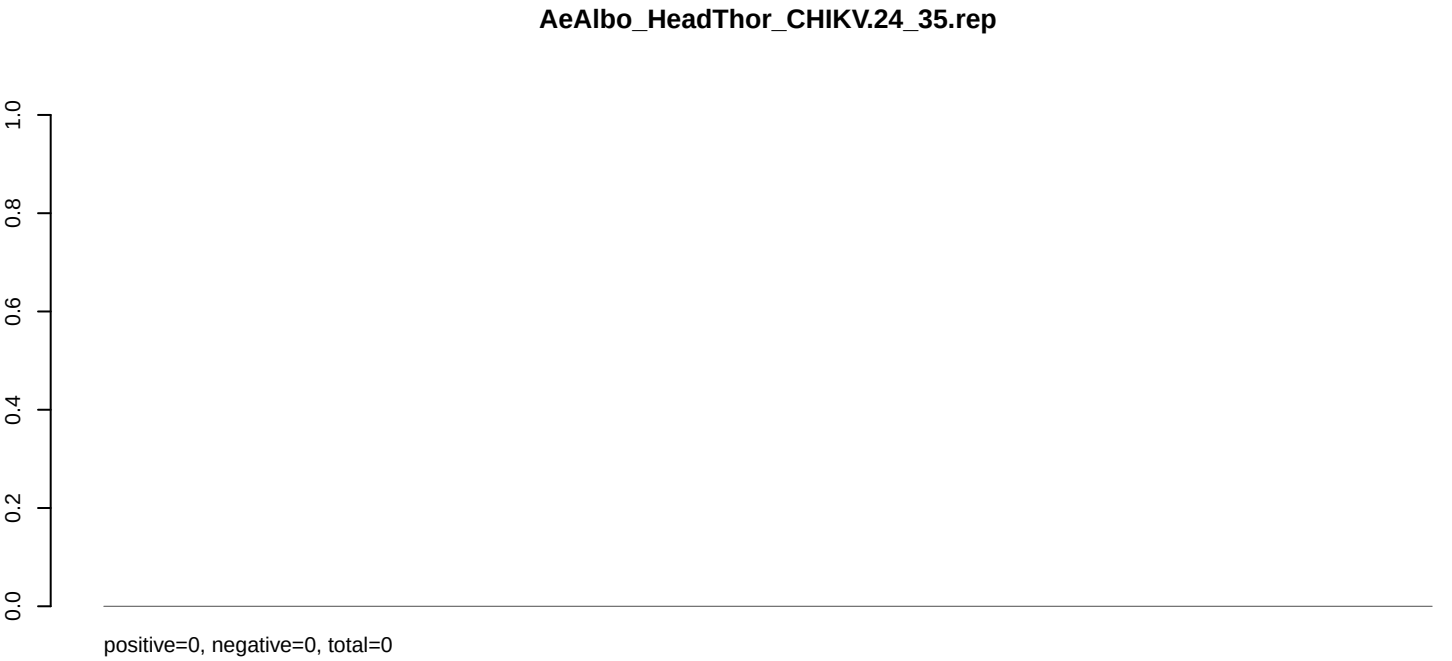

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=2, total=6
Window size=25, length=1518, TE@ltr−1_family−5492@LTR_Gypsy:1−1518
1.5
1.0
0.5
0.0
−0.5
0
500
1000
1500

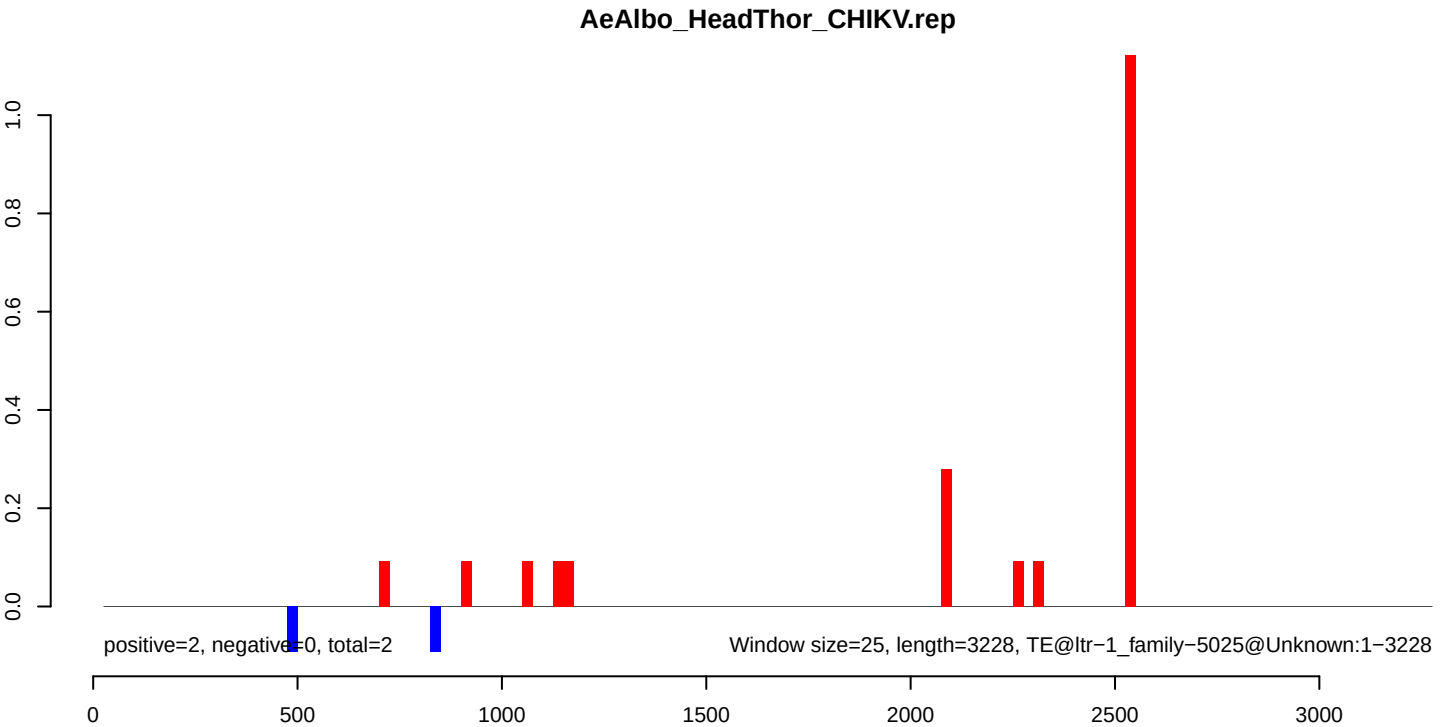

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=1278, TE@ltr−1_family−5488@Unknown:1−1278
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
200
400
600
800
1000
1200

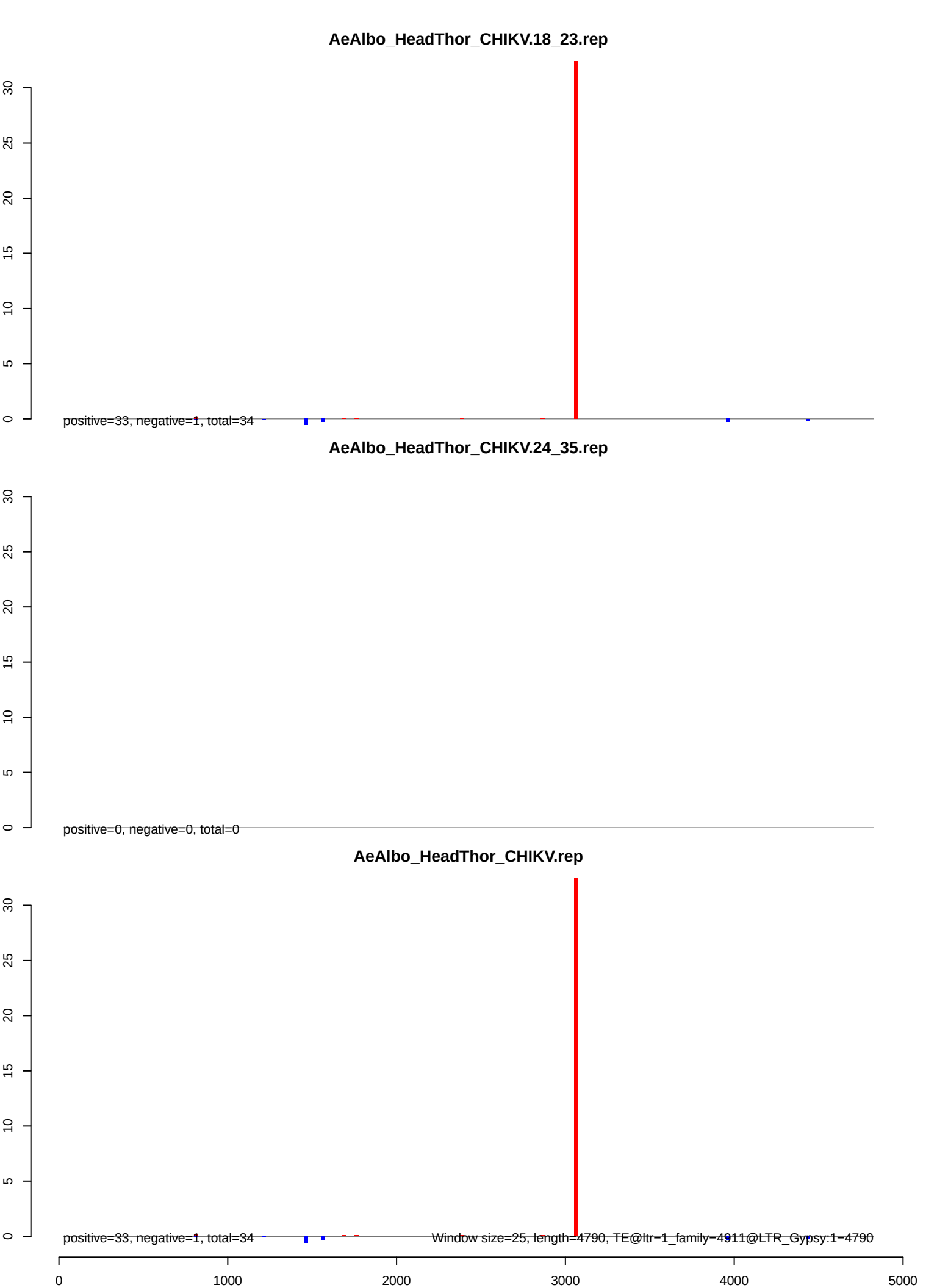

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=676, TE@ltr−1_family−5289@Unknown:1−676
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
100
200
300
400
500
600
700

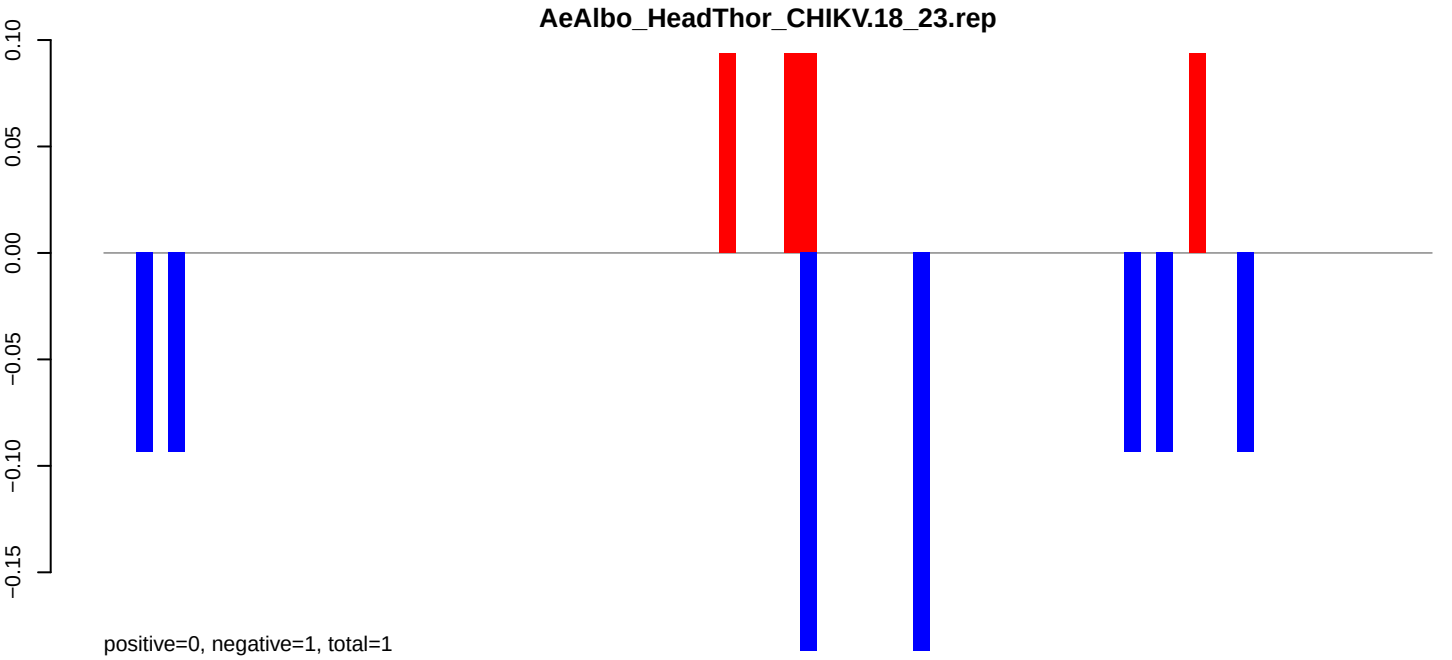

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=1796, TE@ltr−1_family−5032@Unknown:1−1796
0
500
1000
1500


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=2

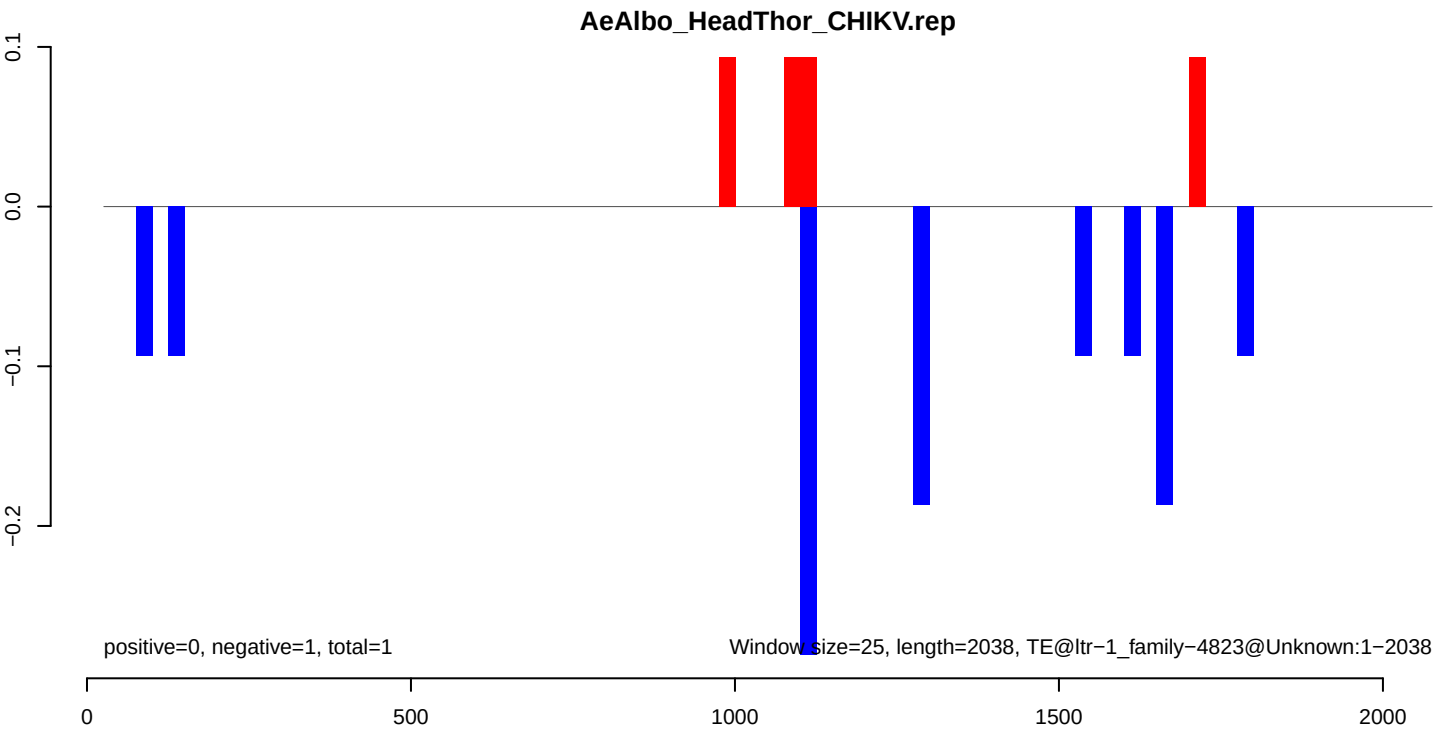

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=0, negative=0, total=0

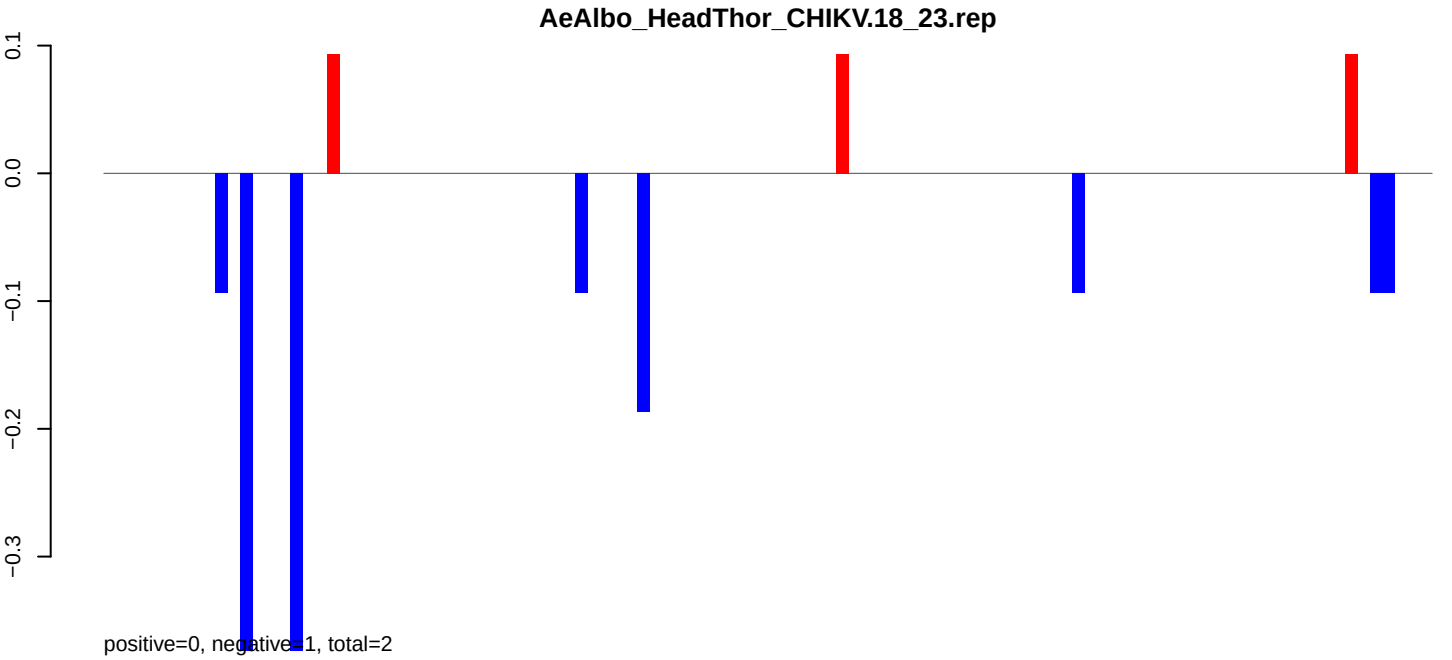

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=2
Window size=25, length=3228, TE@ltr−1_family−5025@Unknown:1−3228
0
500
1000
1500
2000
2500
3000

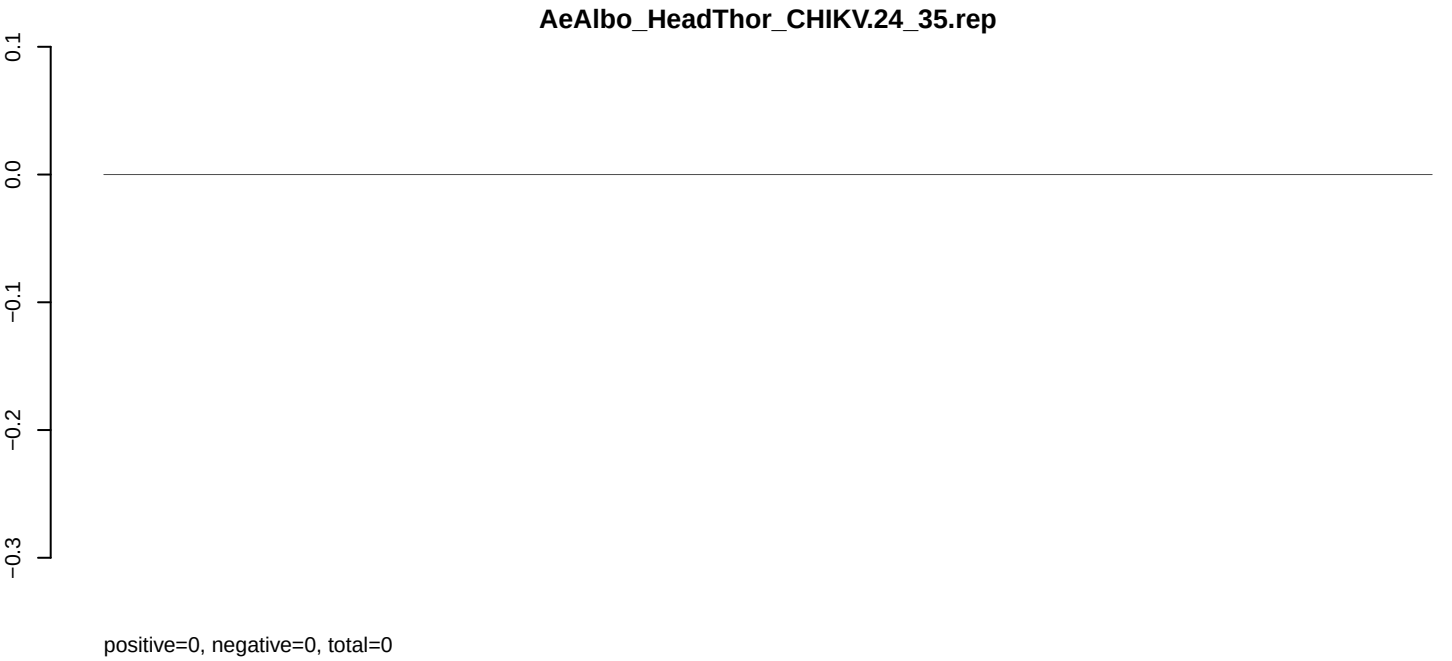

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=33, negative=1, total=34
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=33, negative=1, total=34
Window size=25, length=4790, TE@ltr−1_family−4911@LTR_Gypsy:1−4790
0
5
10
15
20
25
30
0
1000
2000
3000
4000
5000

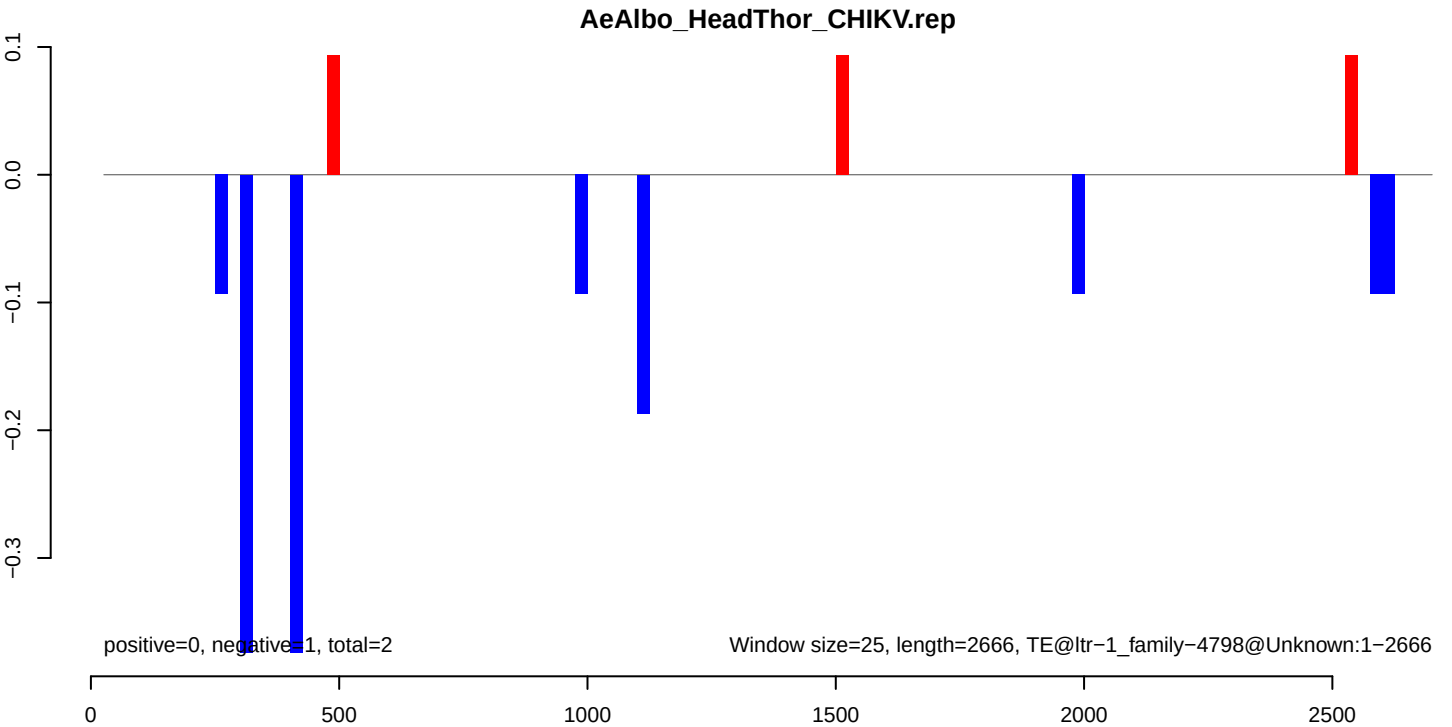

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1

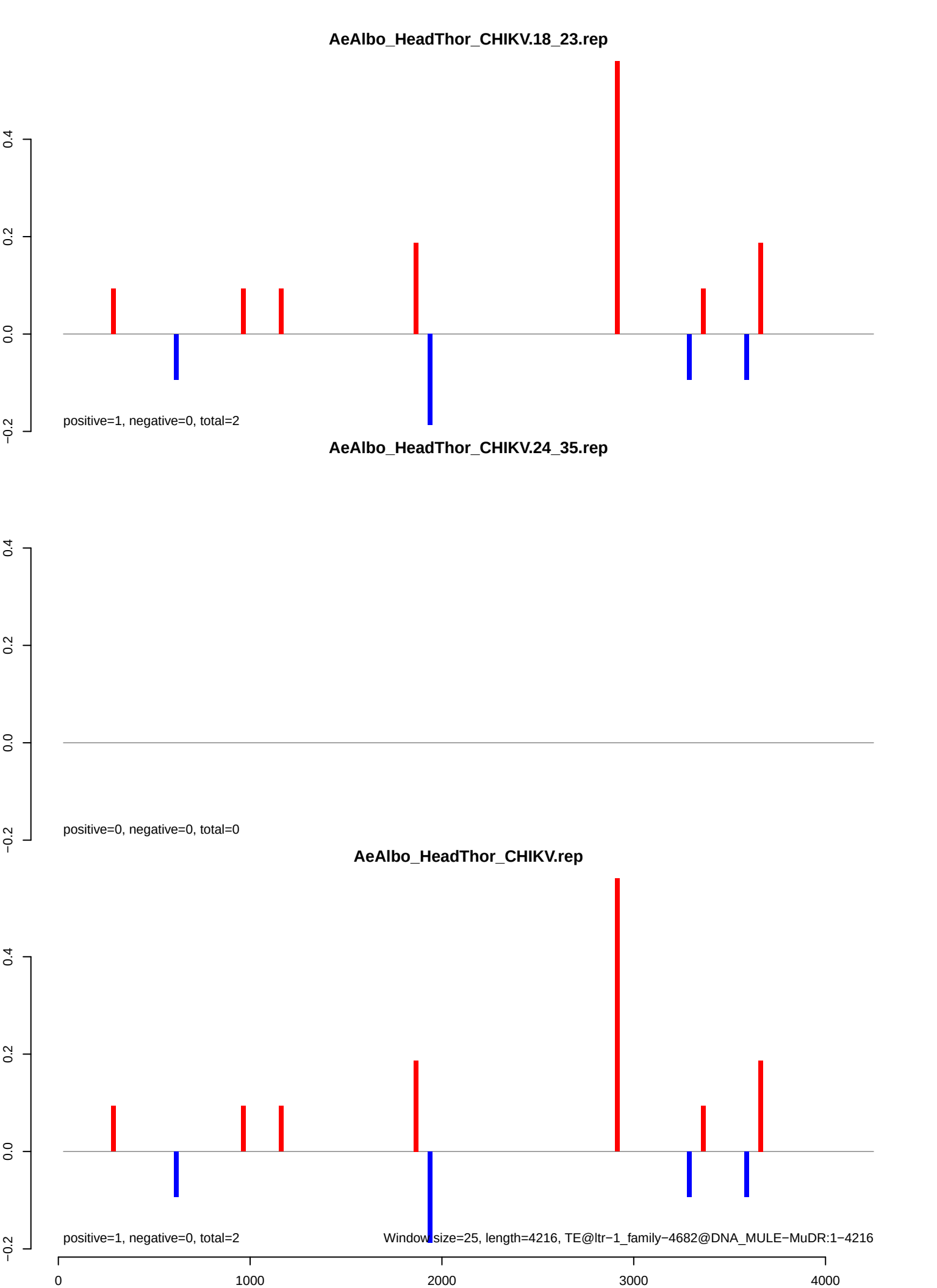
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

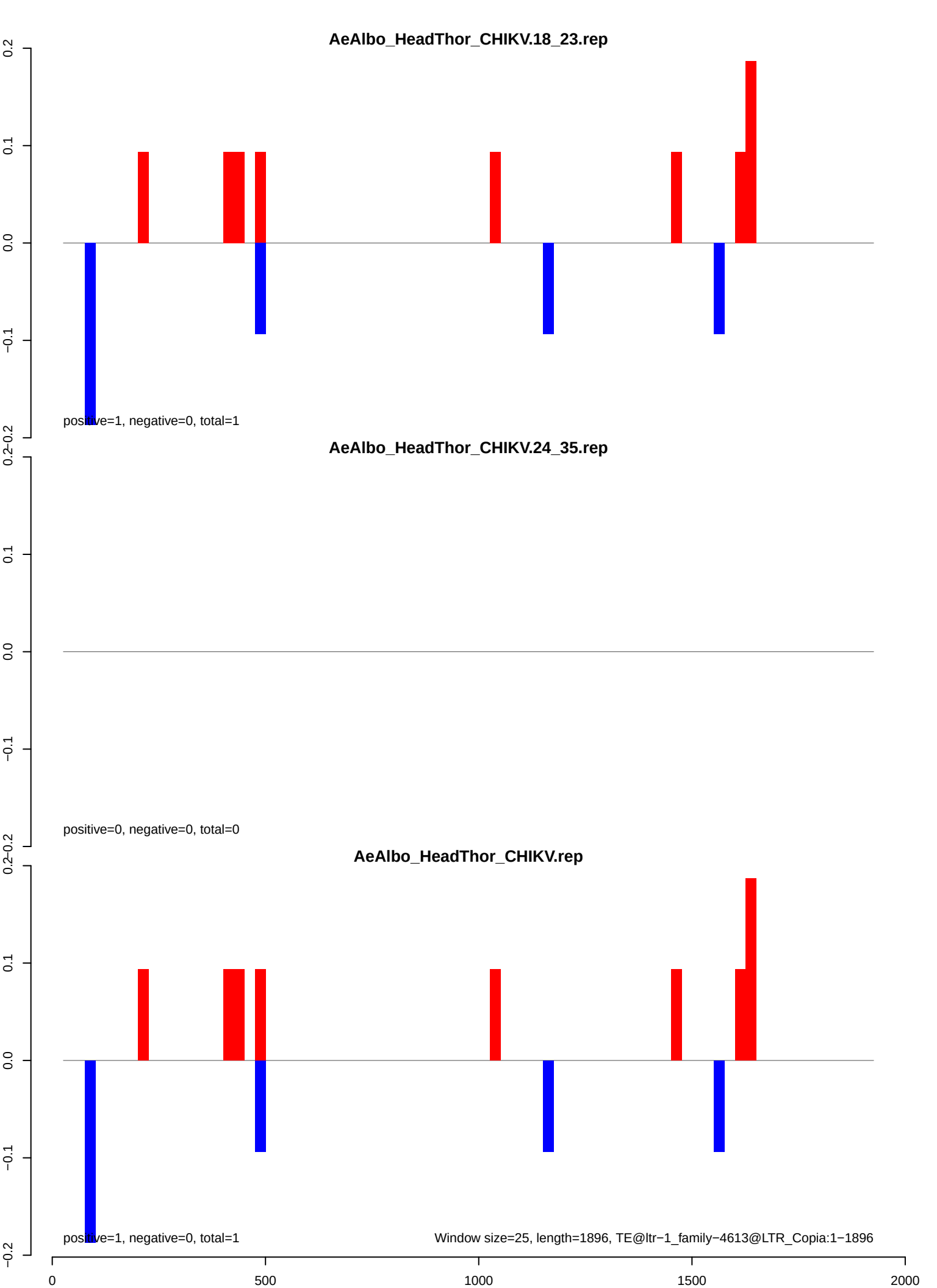

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=2038, TE@ltr−1_family−4823@Unknown:1−2038
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=2


AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

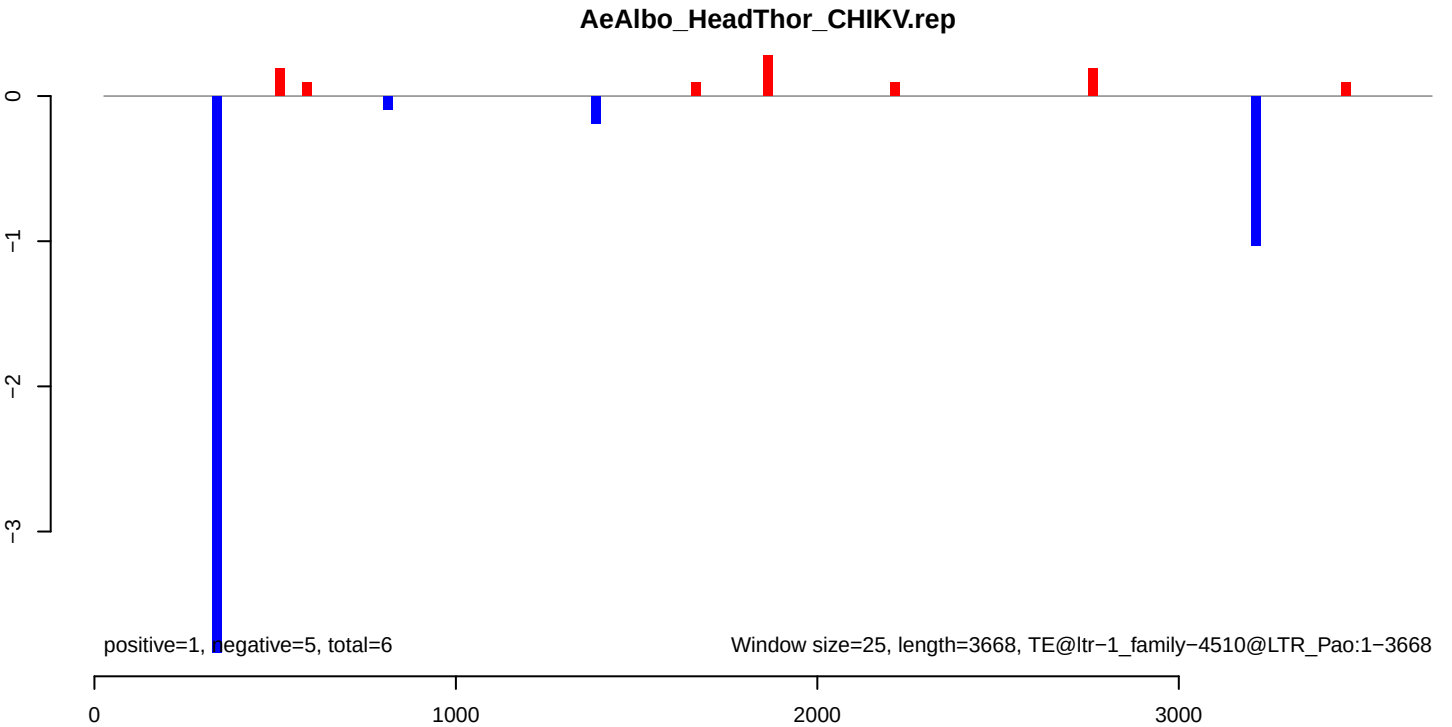

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=2
Window size=25, length=2666, TE@ltr−1_family−4798@Unknown:1−2666
0
500
1000
1500
2000
2500

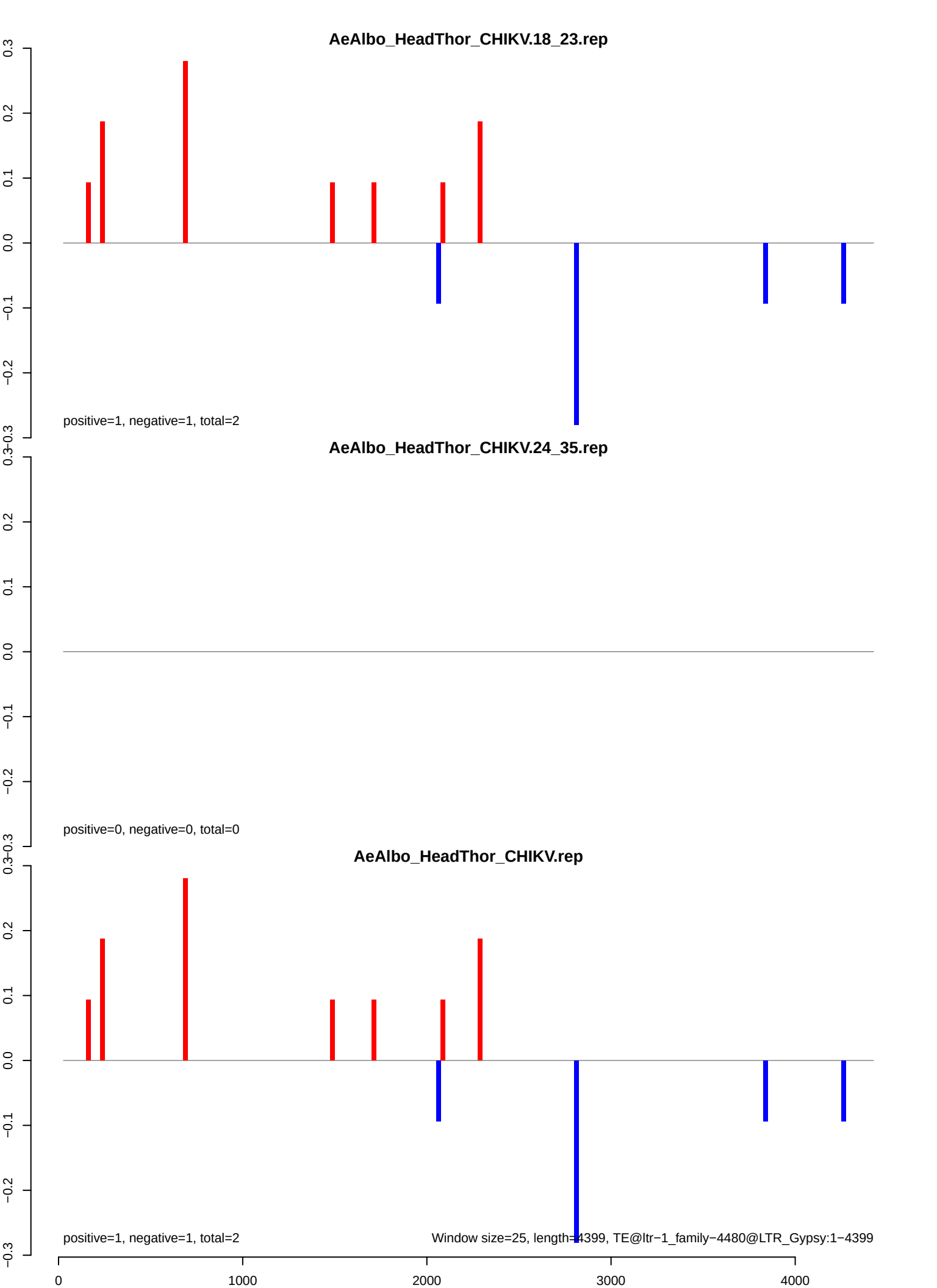

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
Window size=25, length=4216, TE@ltr−1_family−4682@DNA_MULE−MuDR:1−4216
0
1000
2000
3000
4000

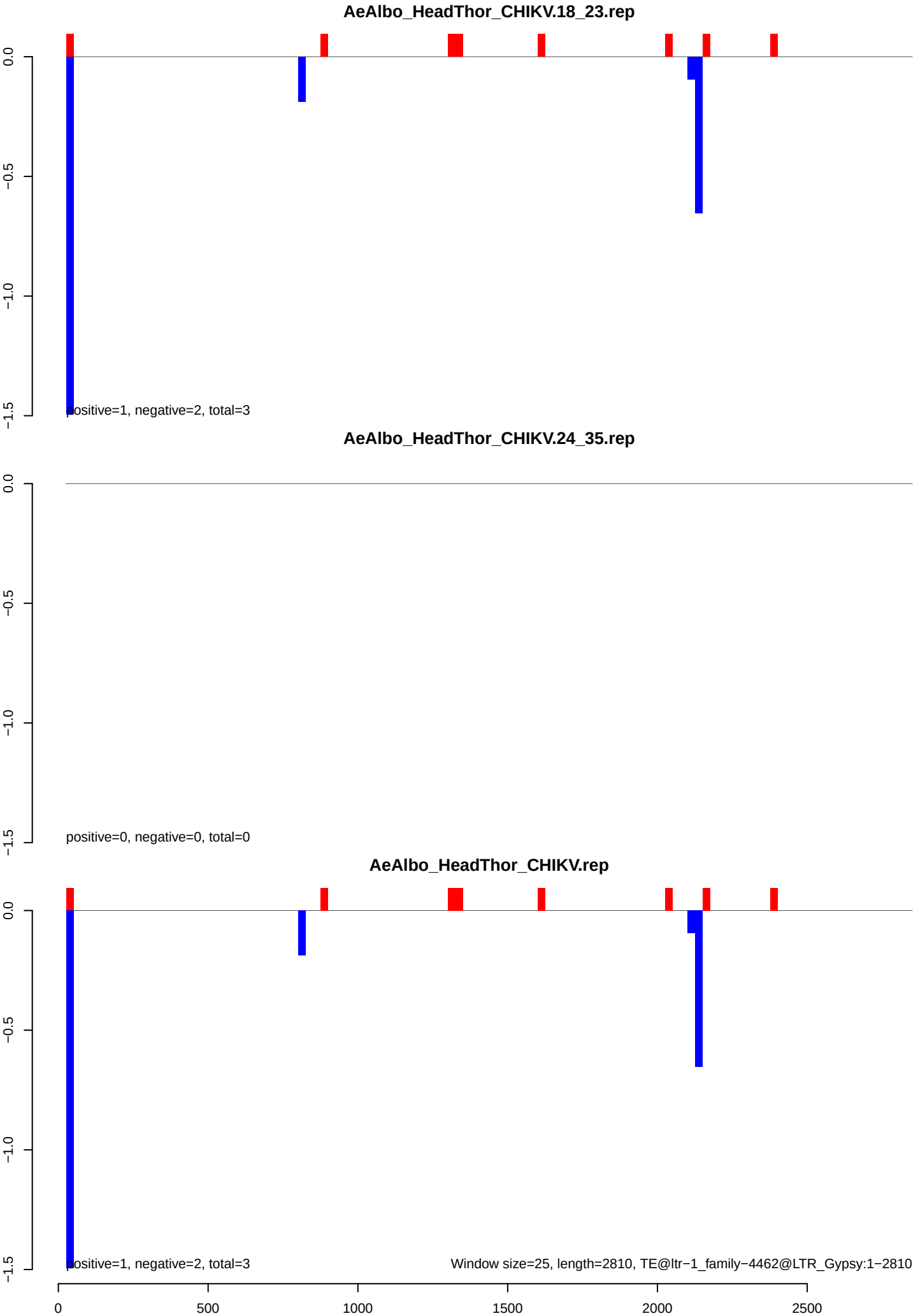

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1896, TE@ltr−1_family−4613@LTR_Copia:1−1896
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000

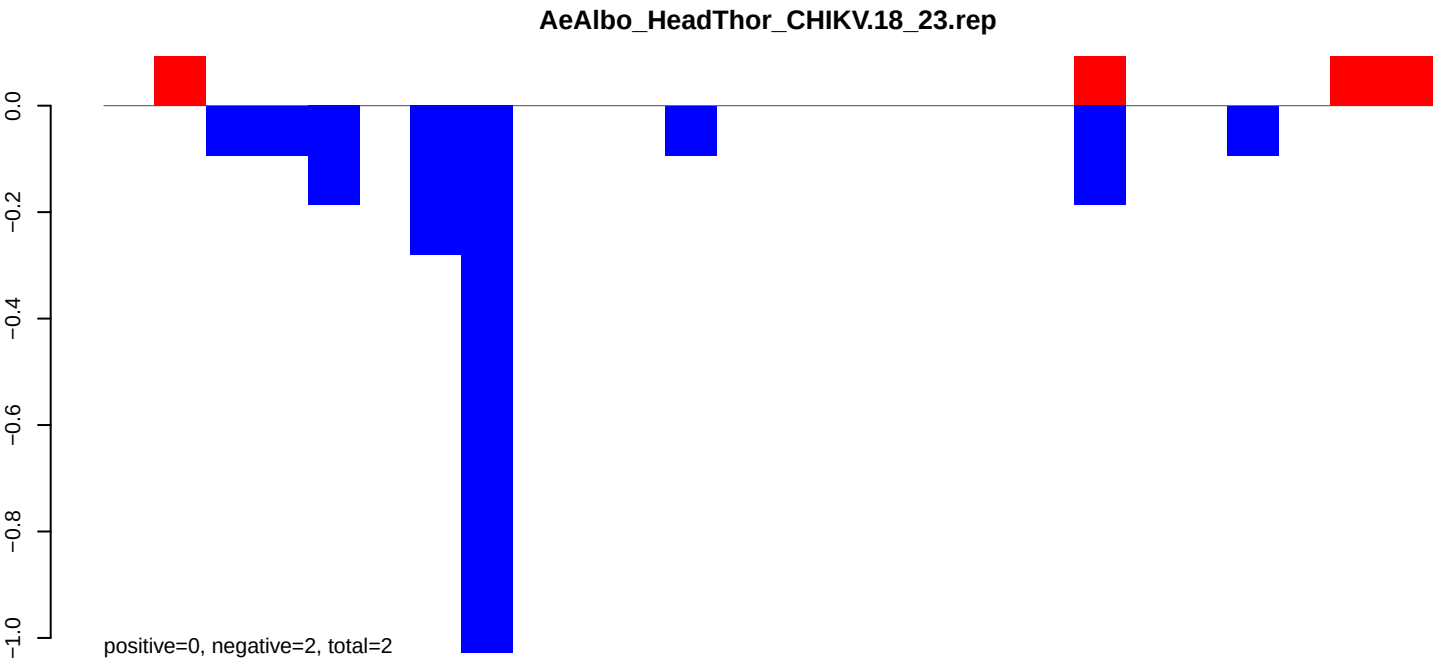
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=1, negative=5, total=6

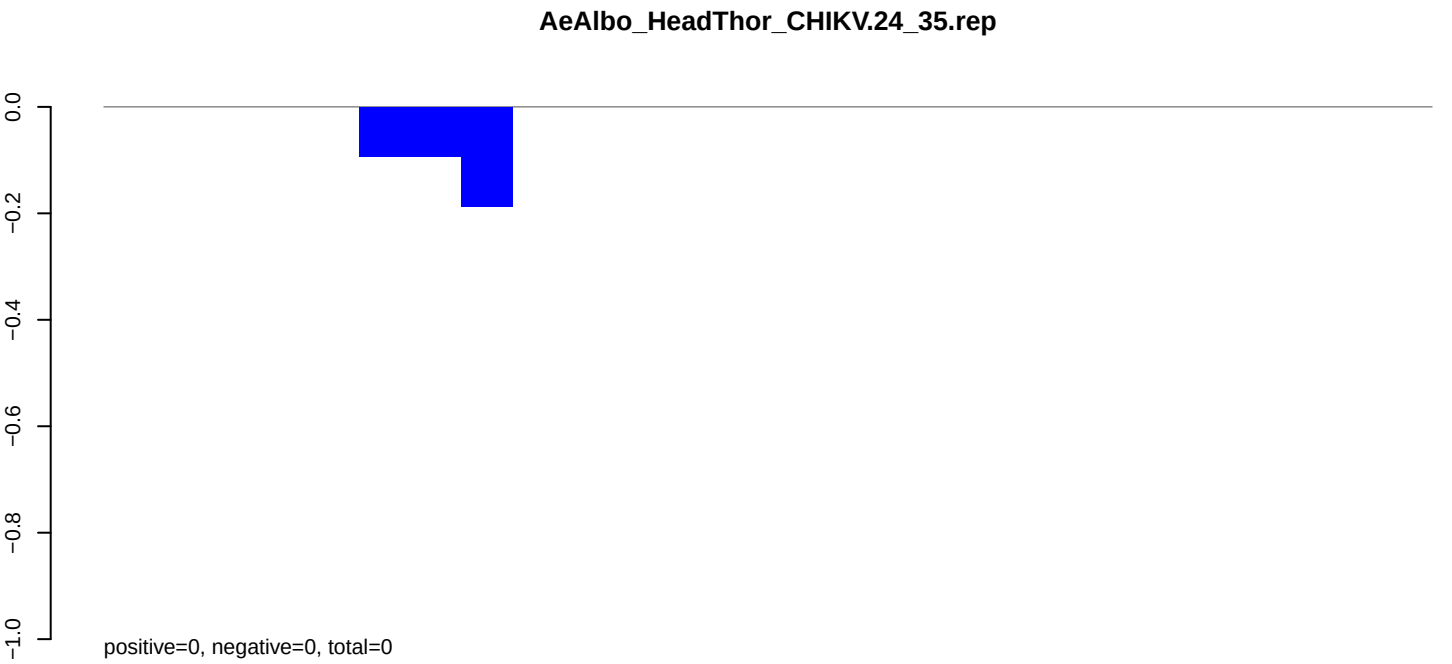
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0

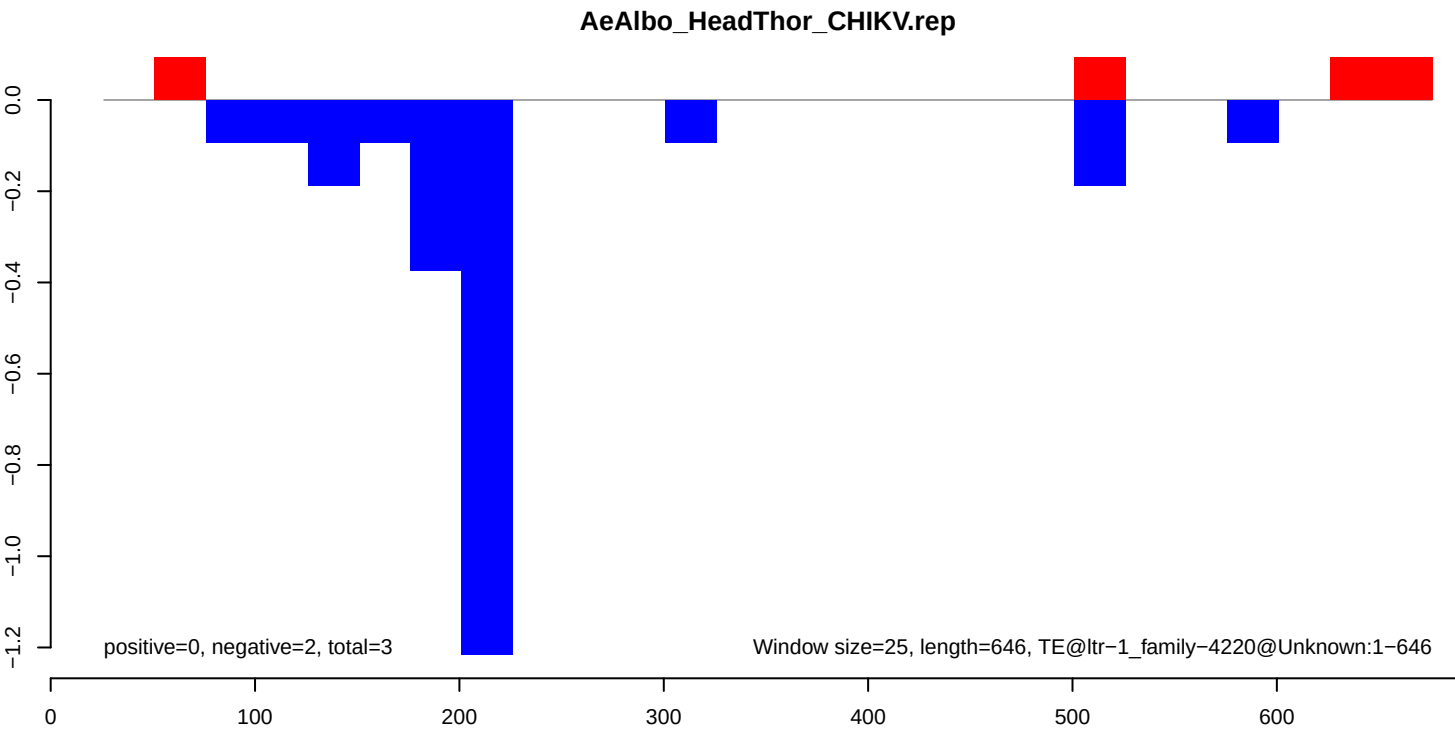

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=1, negative=5, total=6
Window size=25, length=3668, TE@ltr−1_family−4510@LTR_Pao:1−3668
0
1000
2000
3000

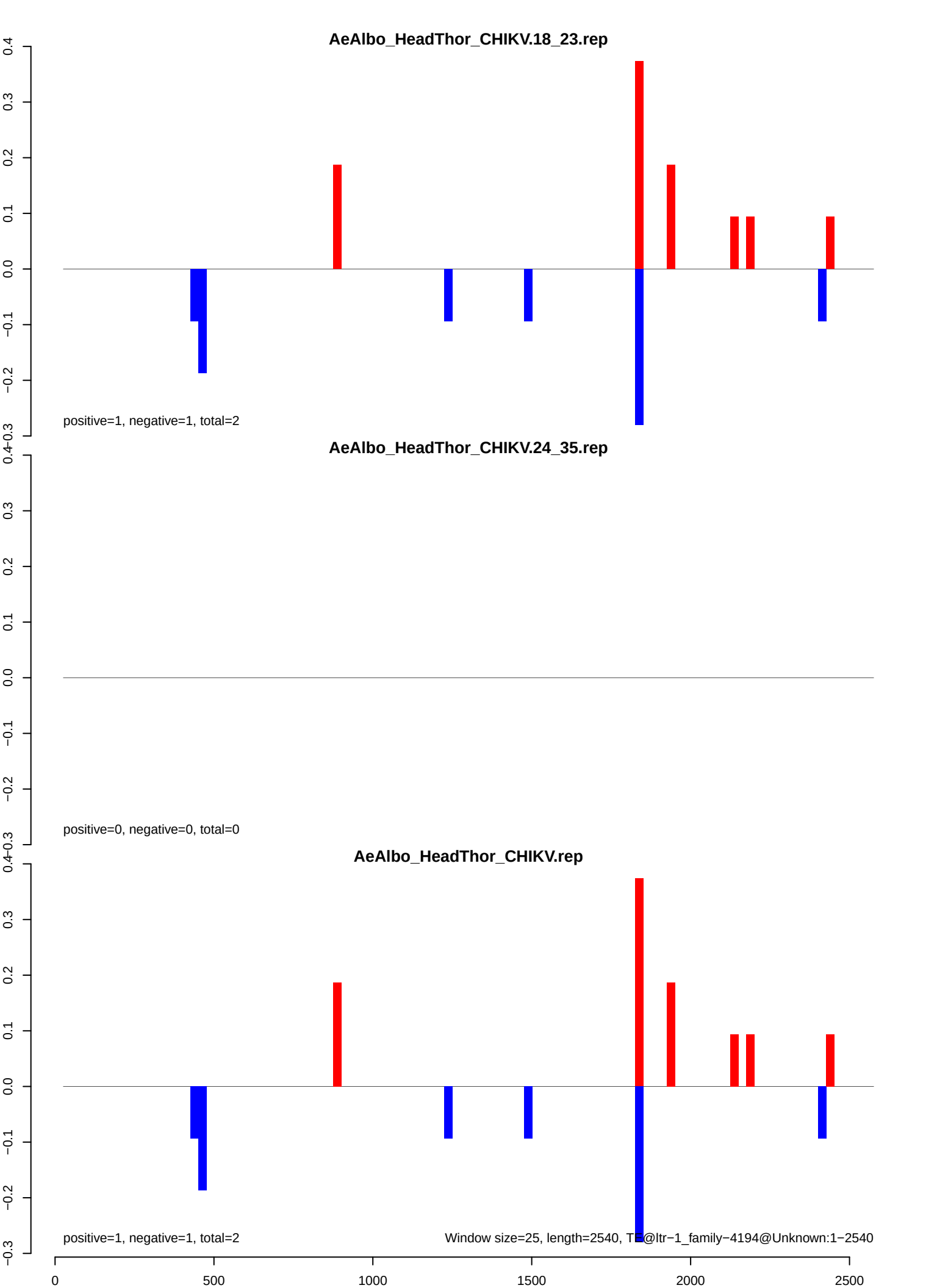

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=4399, TE@ltr−1_family−4480@LTR_Gypsy:1−4399
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
1000
2000
3000
4000

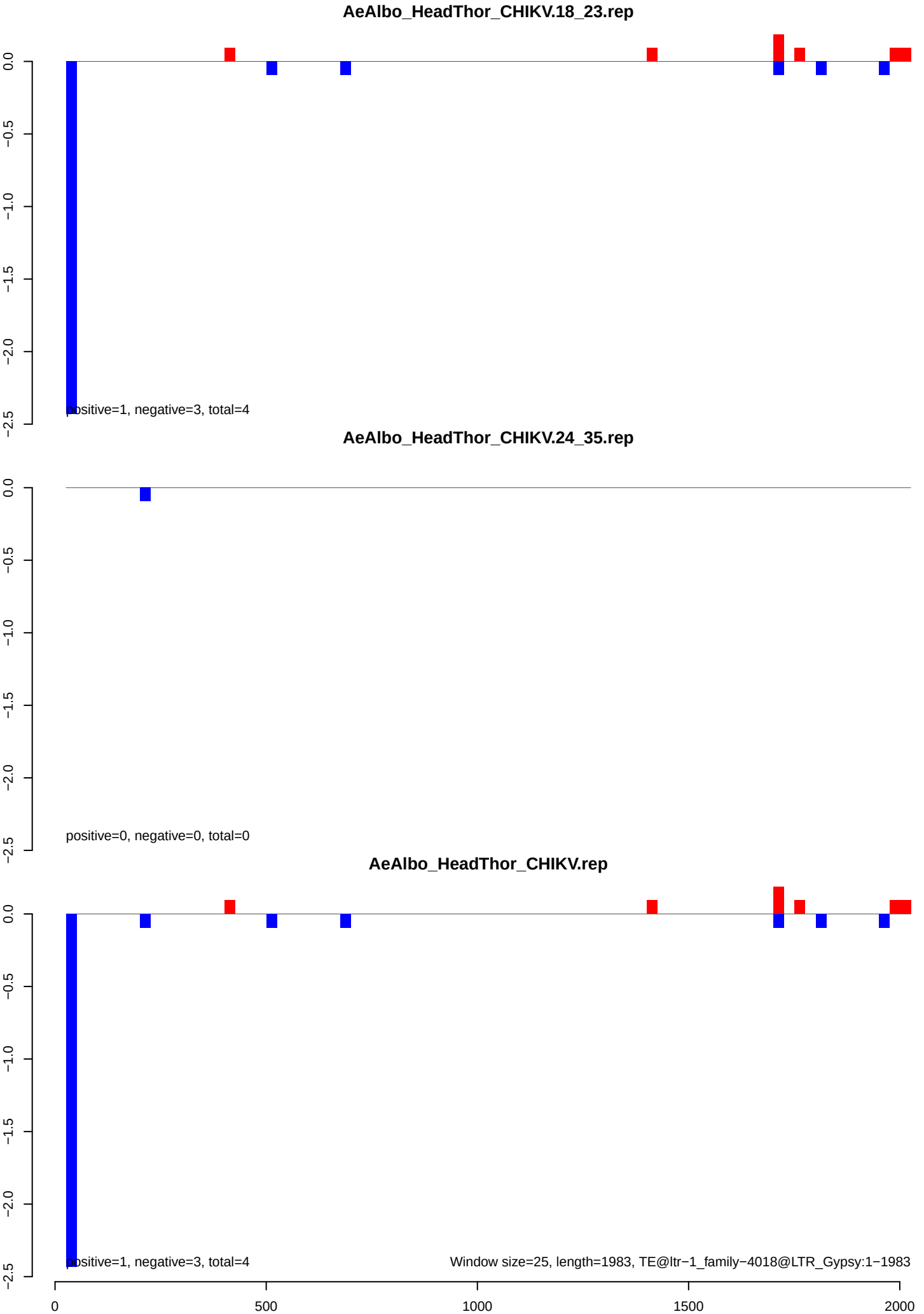

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
Window size=25, length=2810, TE@ltr−1_family−4462@LTR_Gypsy:1−2810
0
500
1000
1500
2000
2500

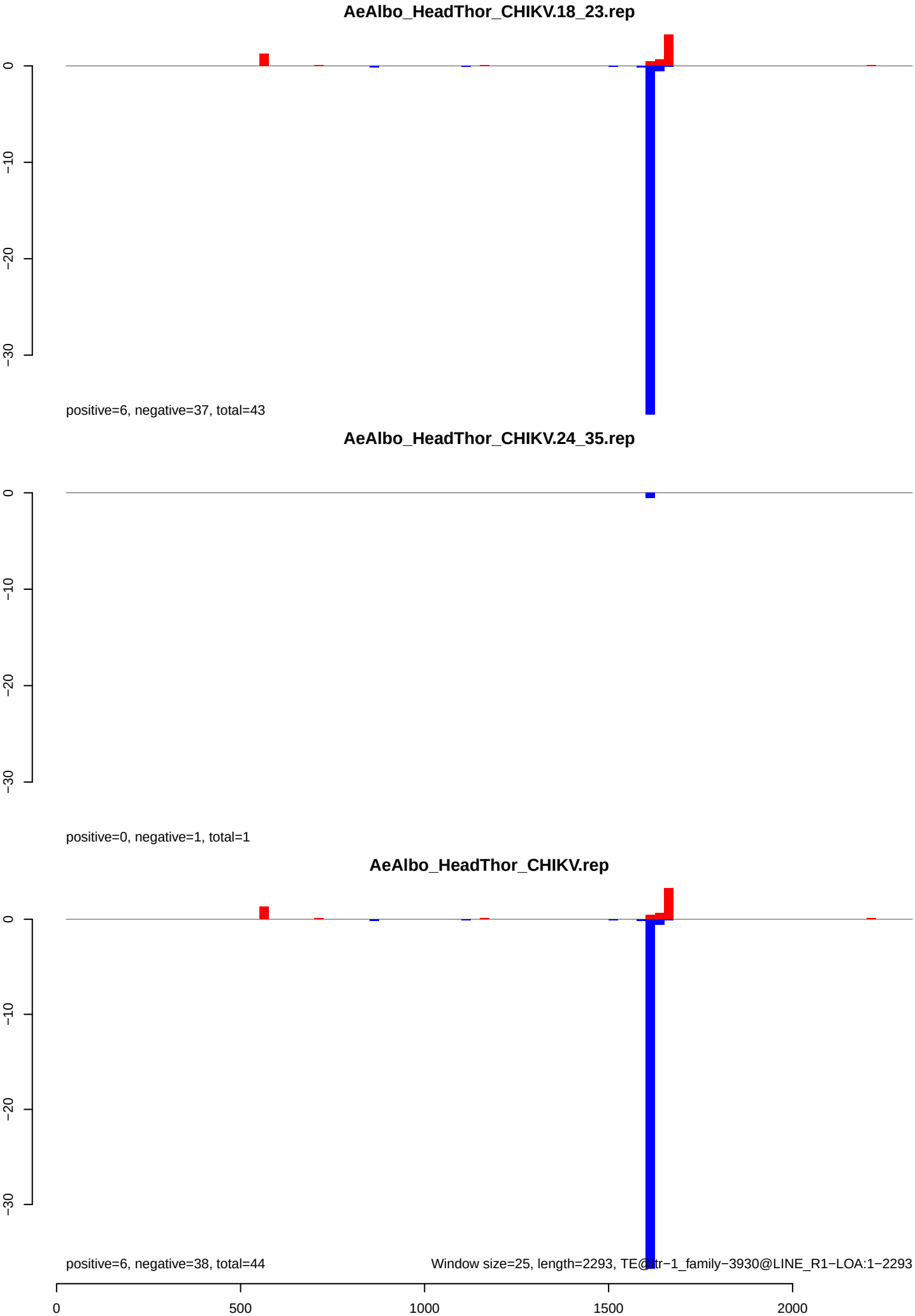

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=2, total=2

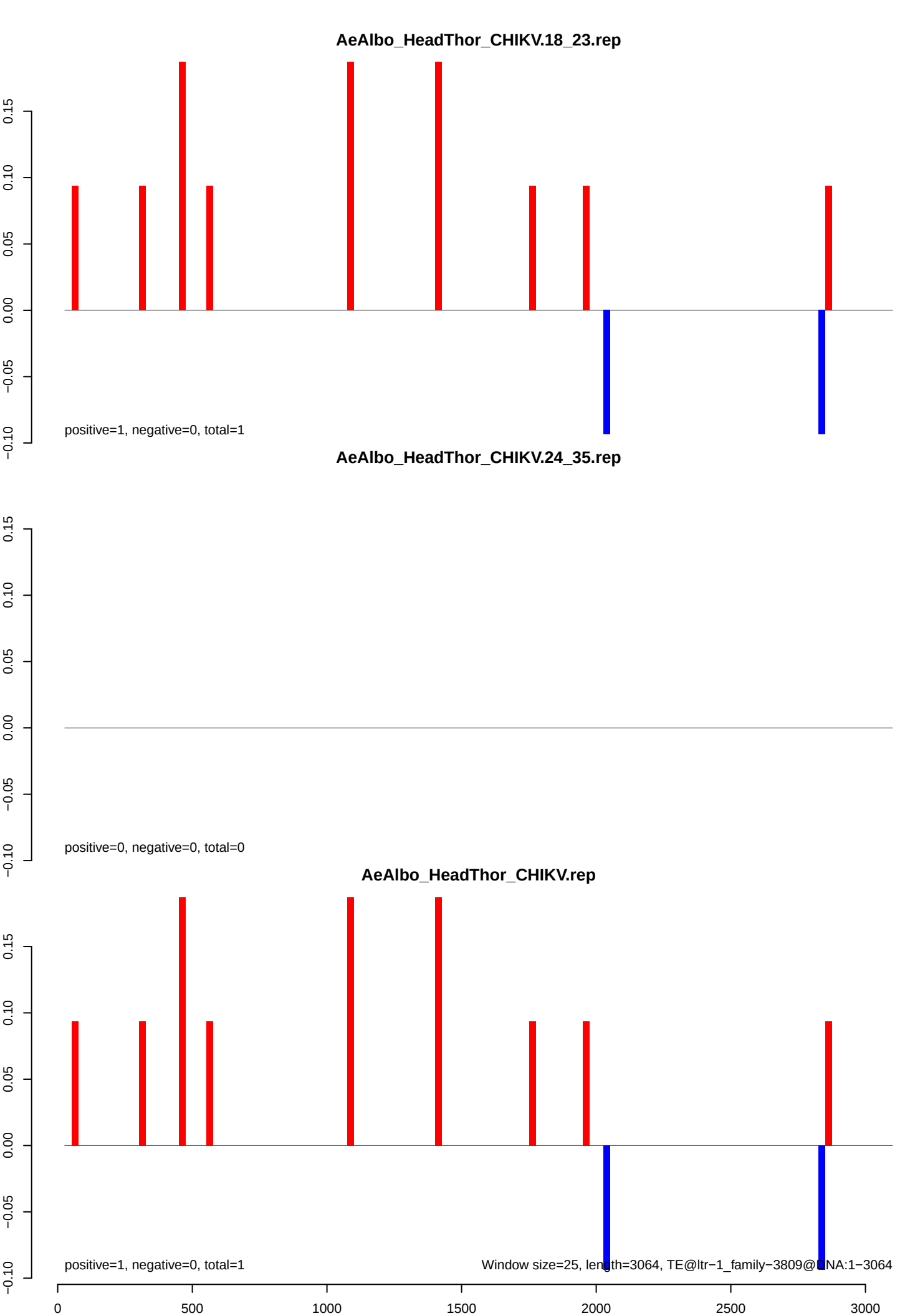

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0

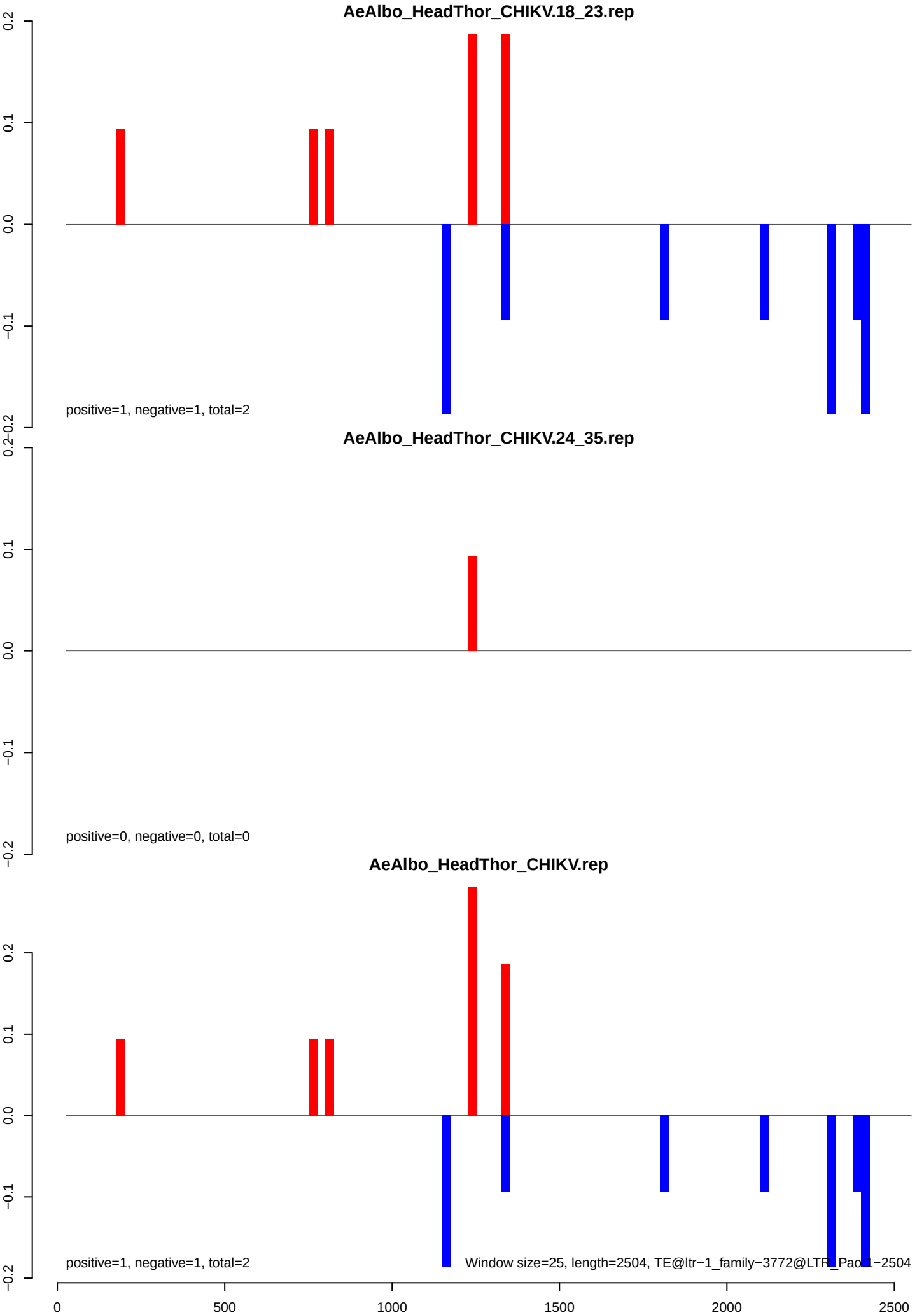

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=2, total=3
Window size=25, length=646, TE@ltr−1_family−4220@Unknown:1−646
0
100
200
300
400
500
600
700

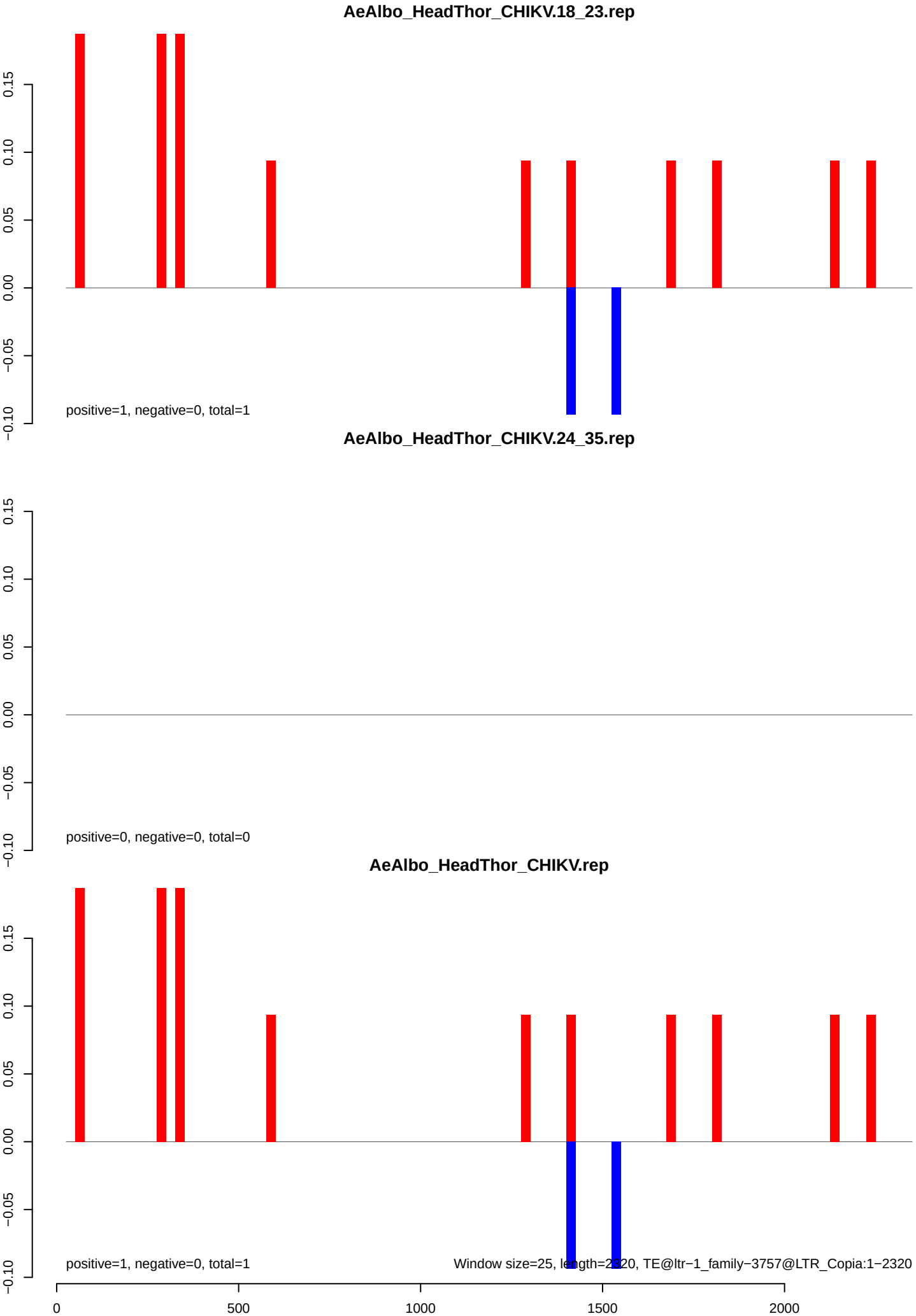

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2540, TE@ltr−1_family−4194@Unknown:1−2540
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500
2000
2500

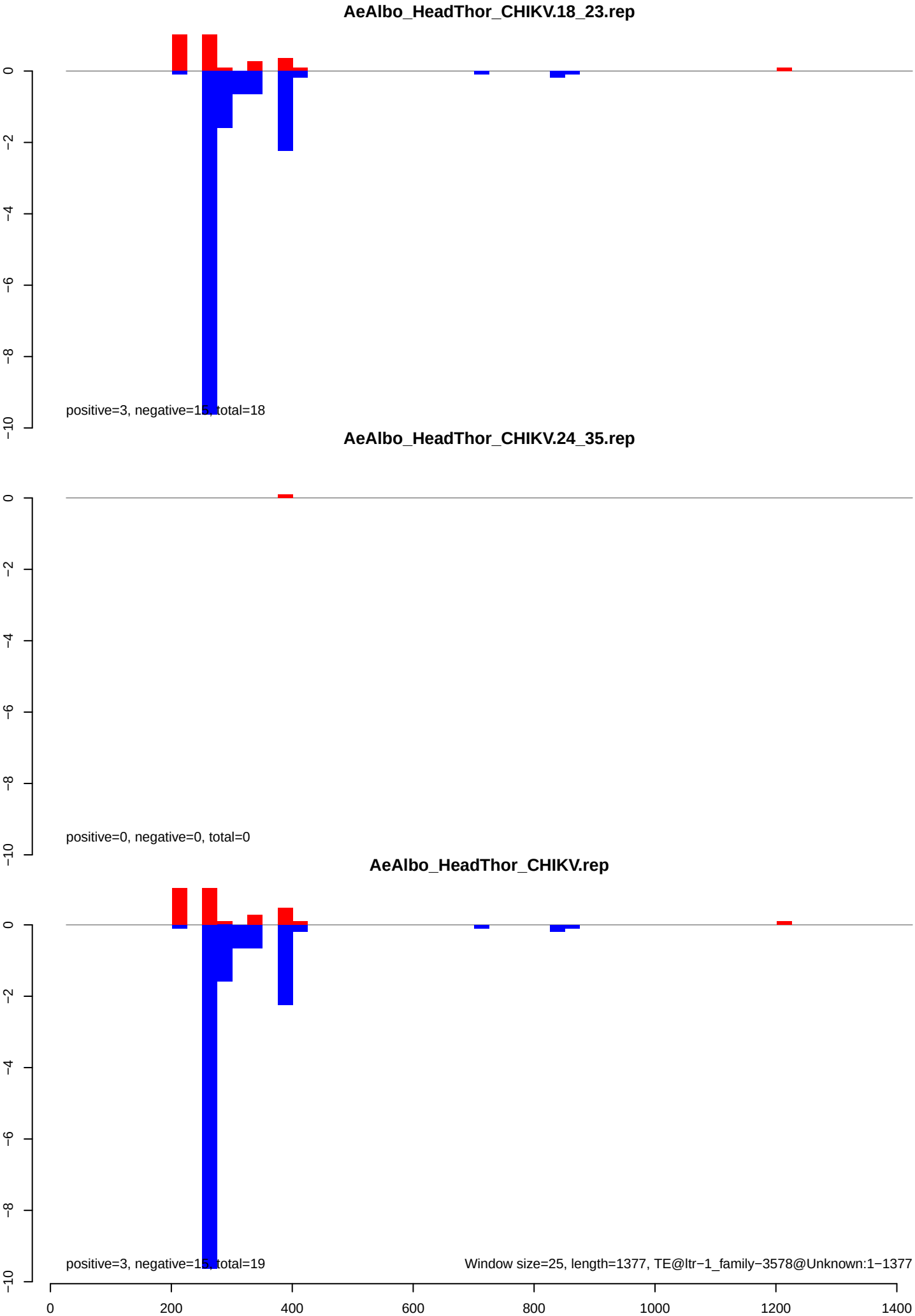

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=3, total=4
Window size=25, length=1983, TE@ltr−1_family−4018@LTR_Gypsy:1−1983
0
500
1000
1500
2000

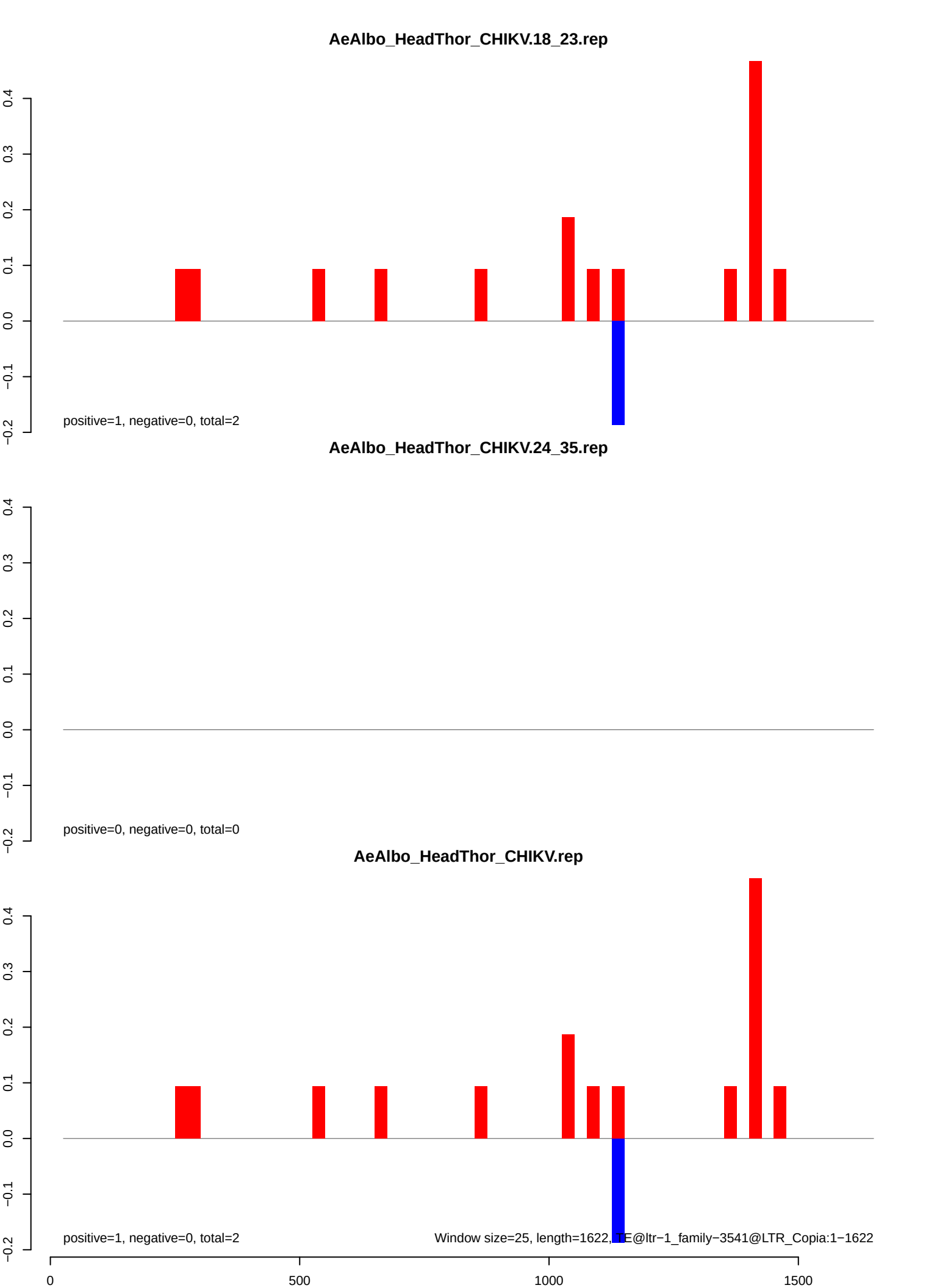

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
positive=6, negative=37, total=43
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
positive=6, negative=38, total=44
Window size=25, length=2293, TE@ltr−1_family−3930@LINE_R1−LOA:1−2293
0
500
1000
1500
2000

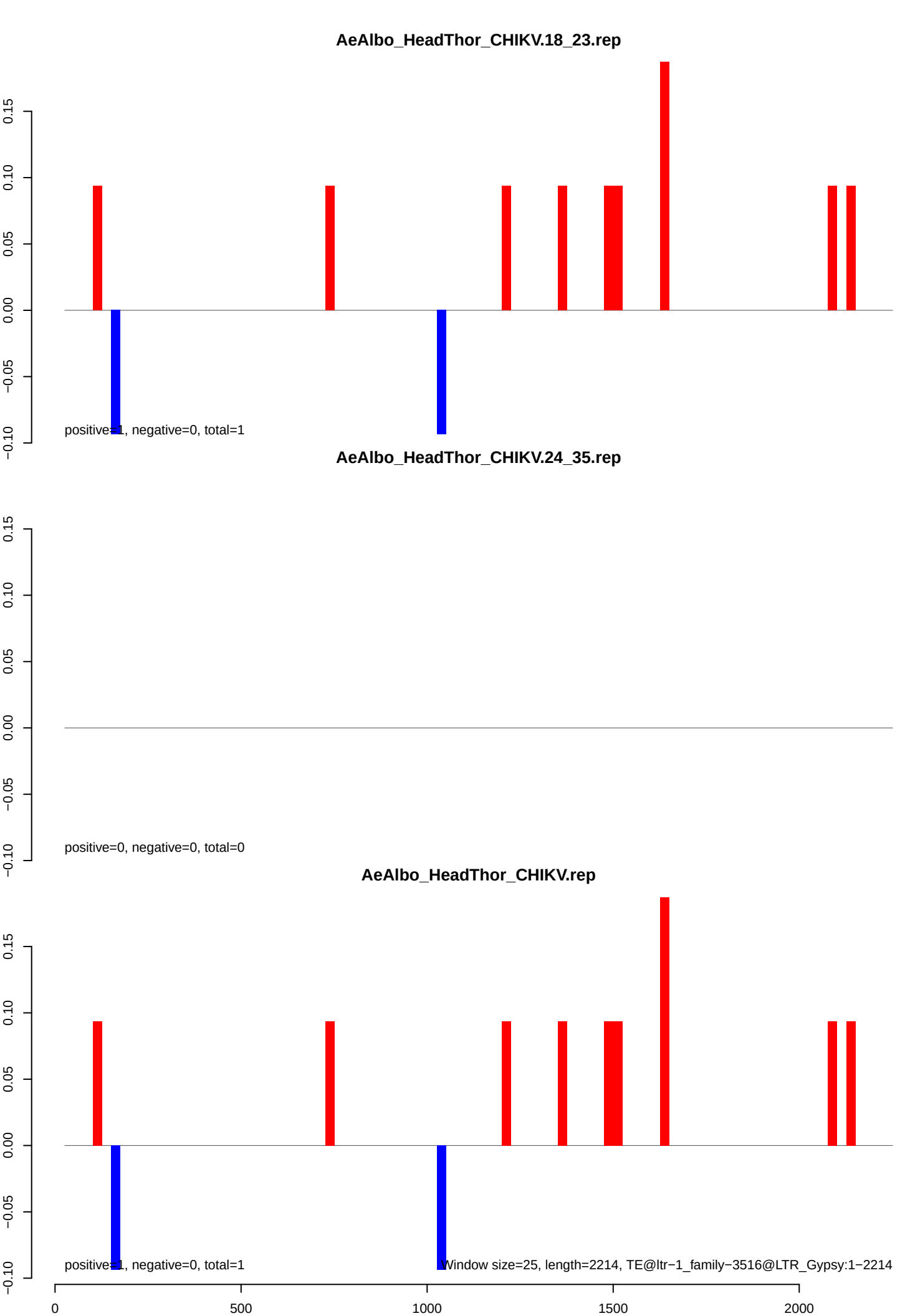

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=3064, TE@ltr−1_family−3809@DNA:1−3064
0
500
1000
1500
2000
2500
3000

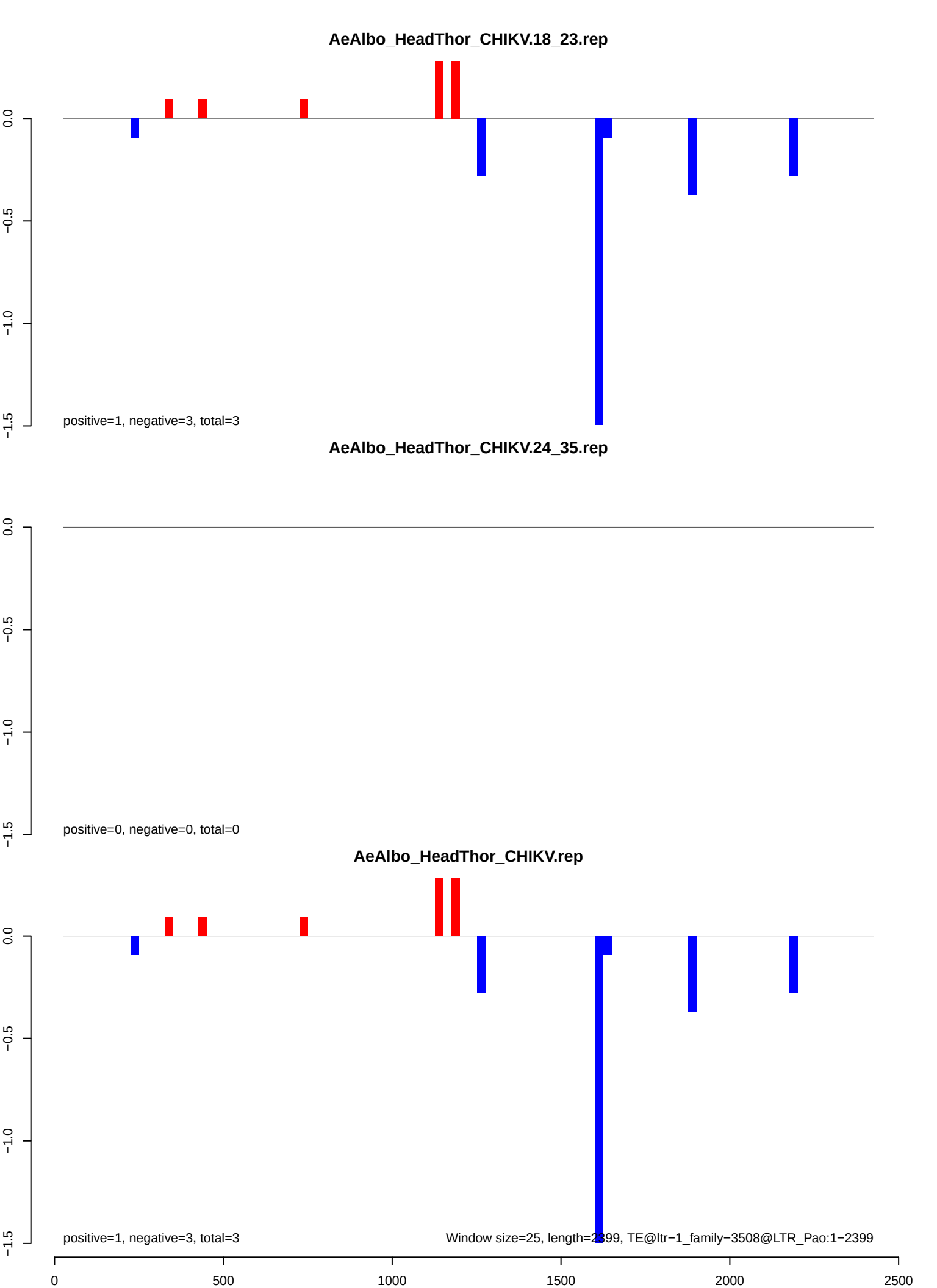

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=2504, TE@ltr−1_family−3772@LTR_Pao1−2504
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500

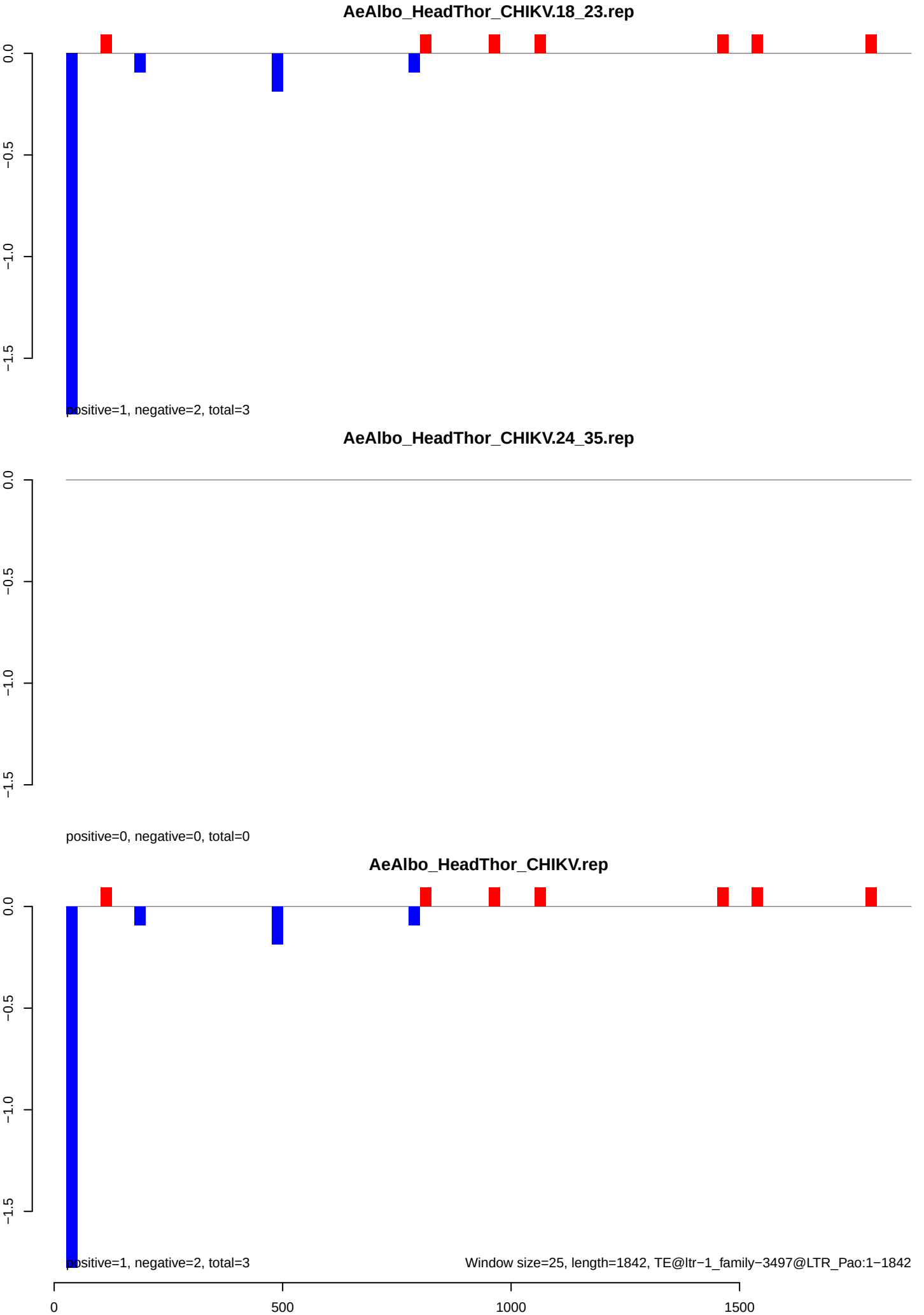

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=2320, TE@ltr−1_family−3757@LTR_Copia:1−2320
0
500
1000
1500
2000

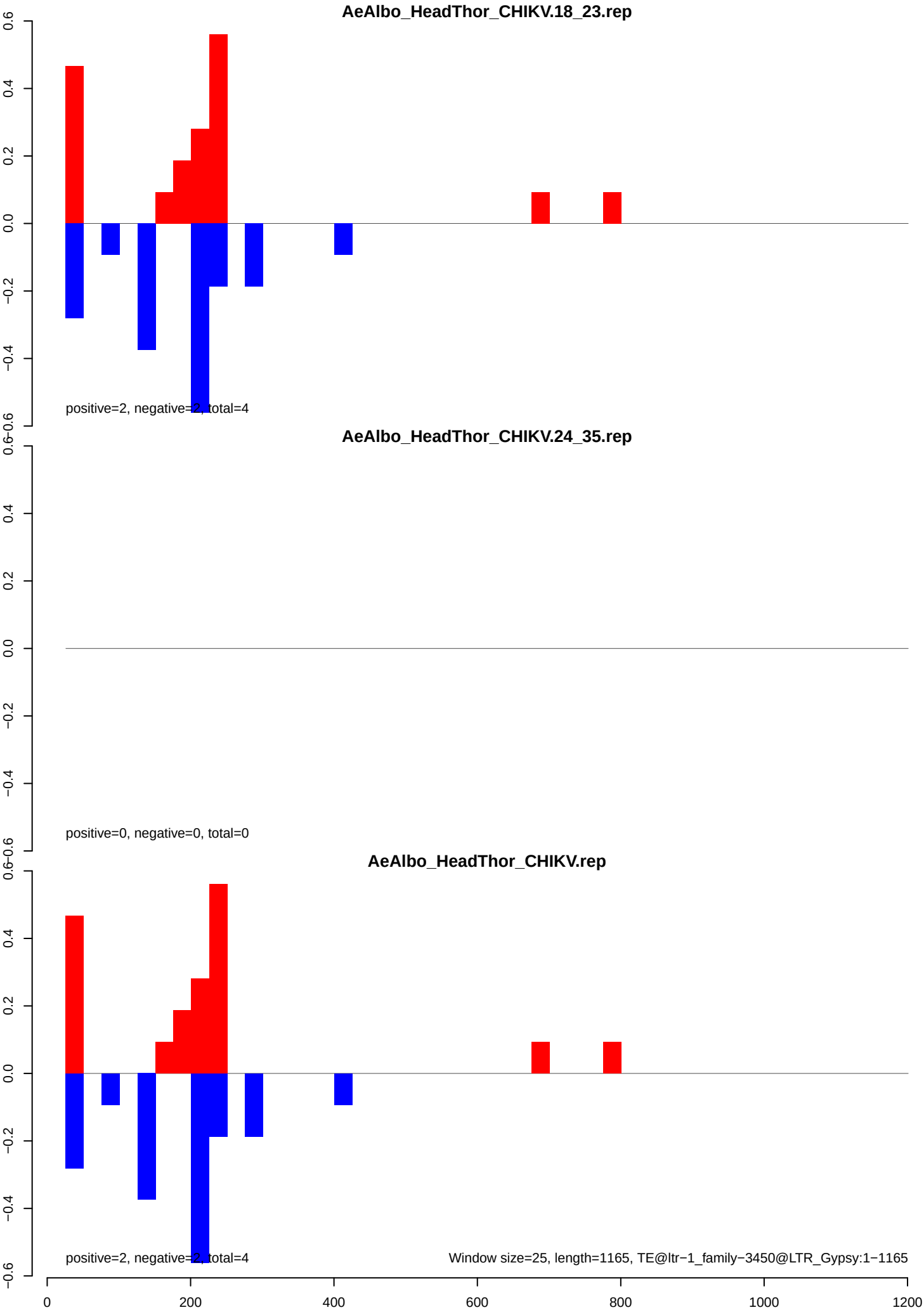

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=15, total=18
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=15, total=19
Window size=25, length=1377, TE@ltr−1_family−3578@Unknown:1−1377
0
−2
−4
−6
−8
−10
0
200
400
600
800
1000
1200
1400

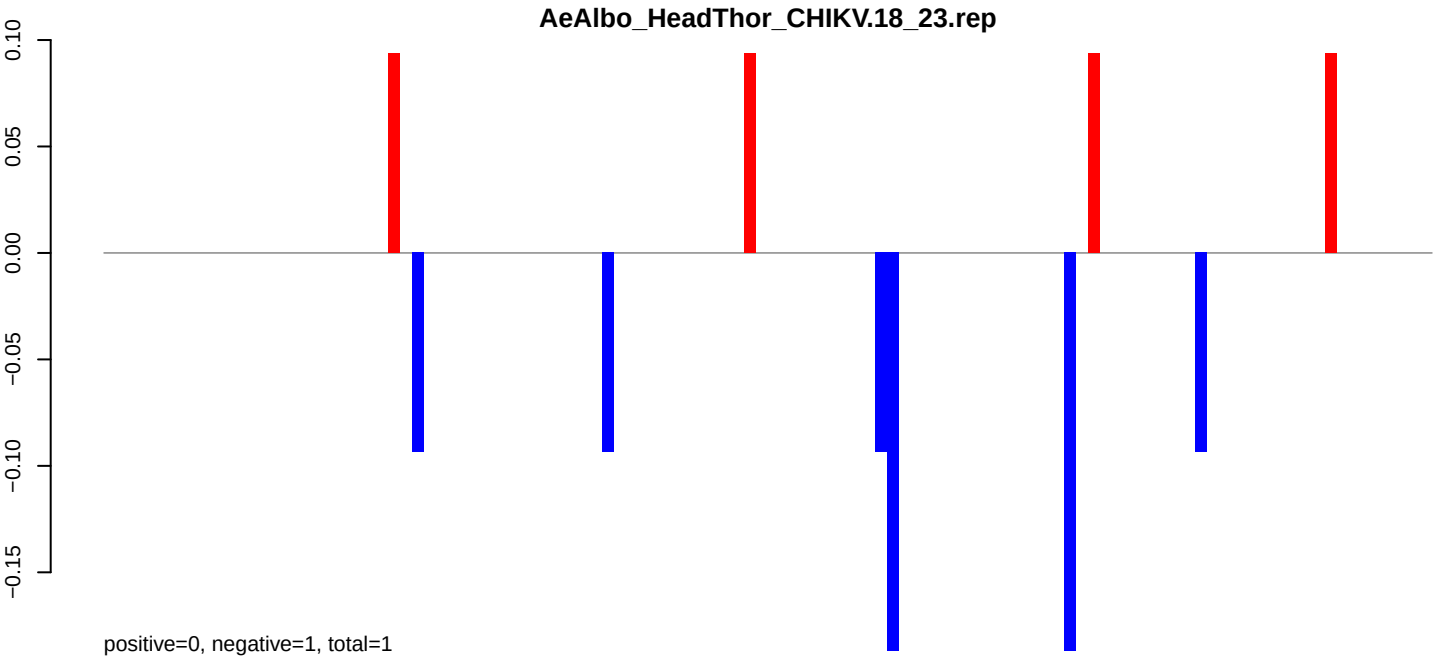

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=2
Window size=25, length=1622, TE@ltr−1_family−3541@LTR_Copia:1−1622
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500

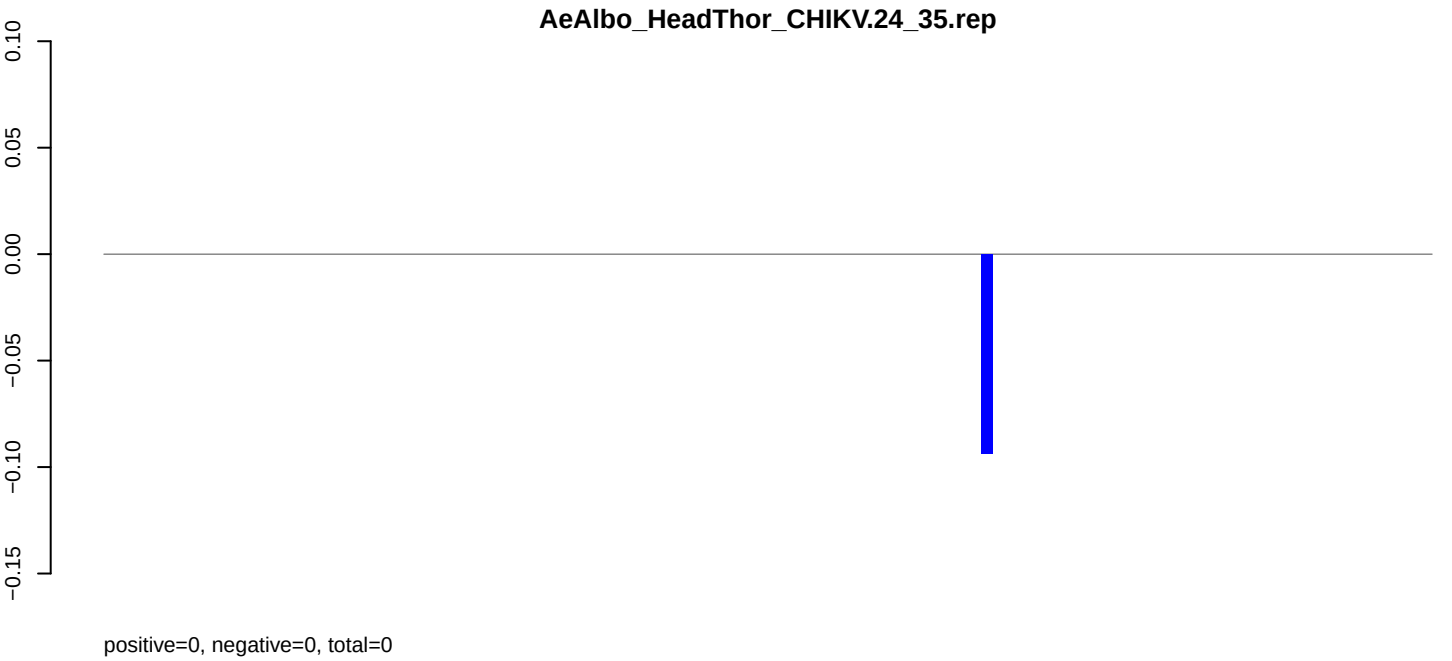

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=2214, TE@ltr−1_family−3516@LTR_Gypsy:1−2214
0
500
1000
1500
2000

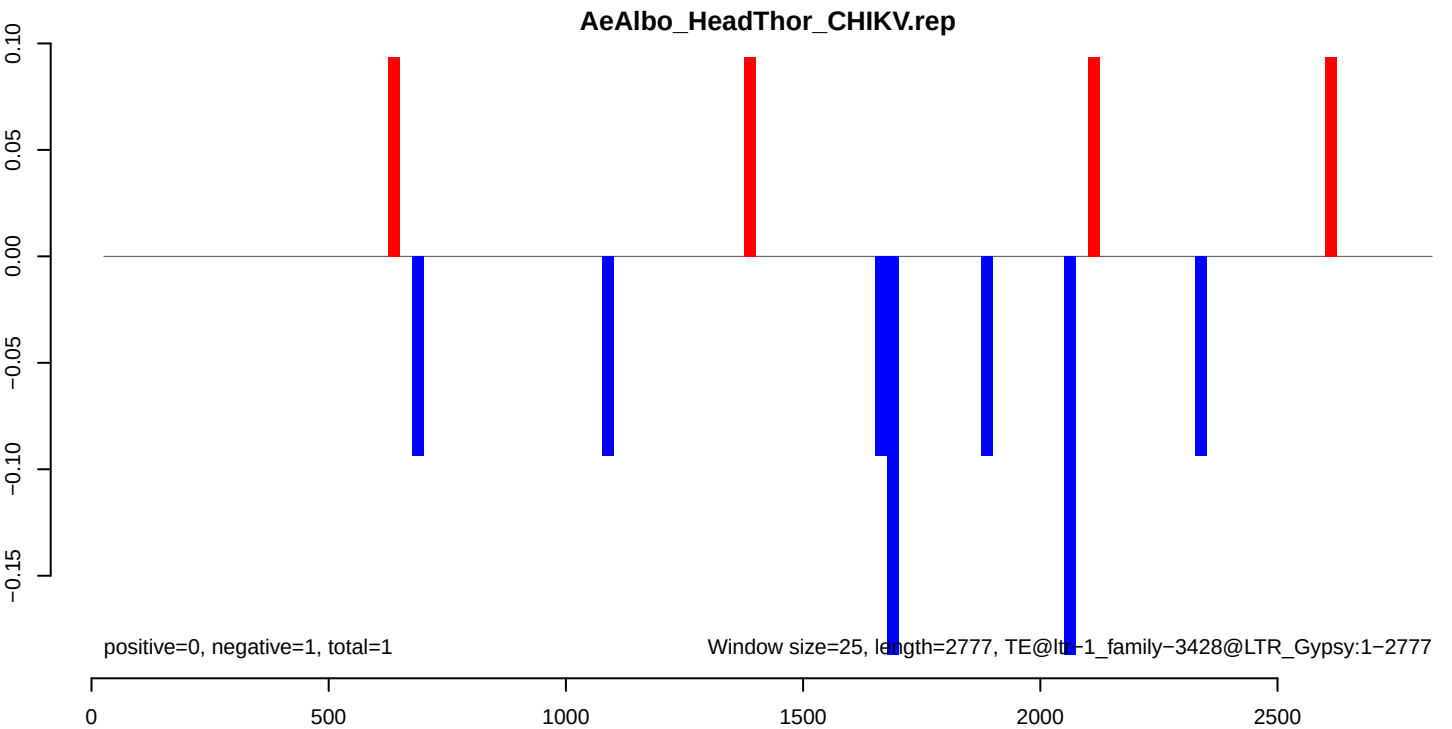

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=3
Window size=25, length=2399, TE@ltr−1_family−3508@LTR_Pao:1−2399
0
500
1000
1500
2000
2500

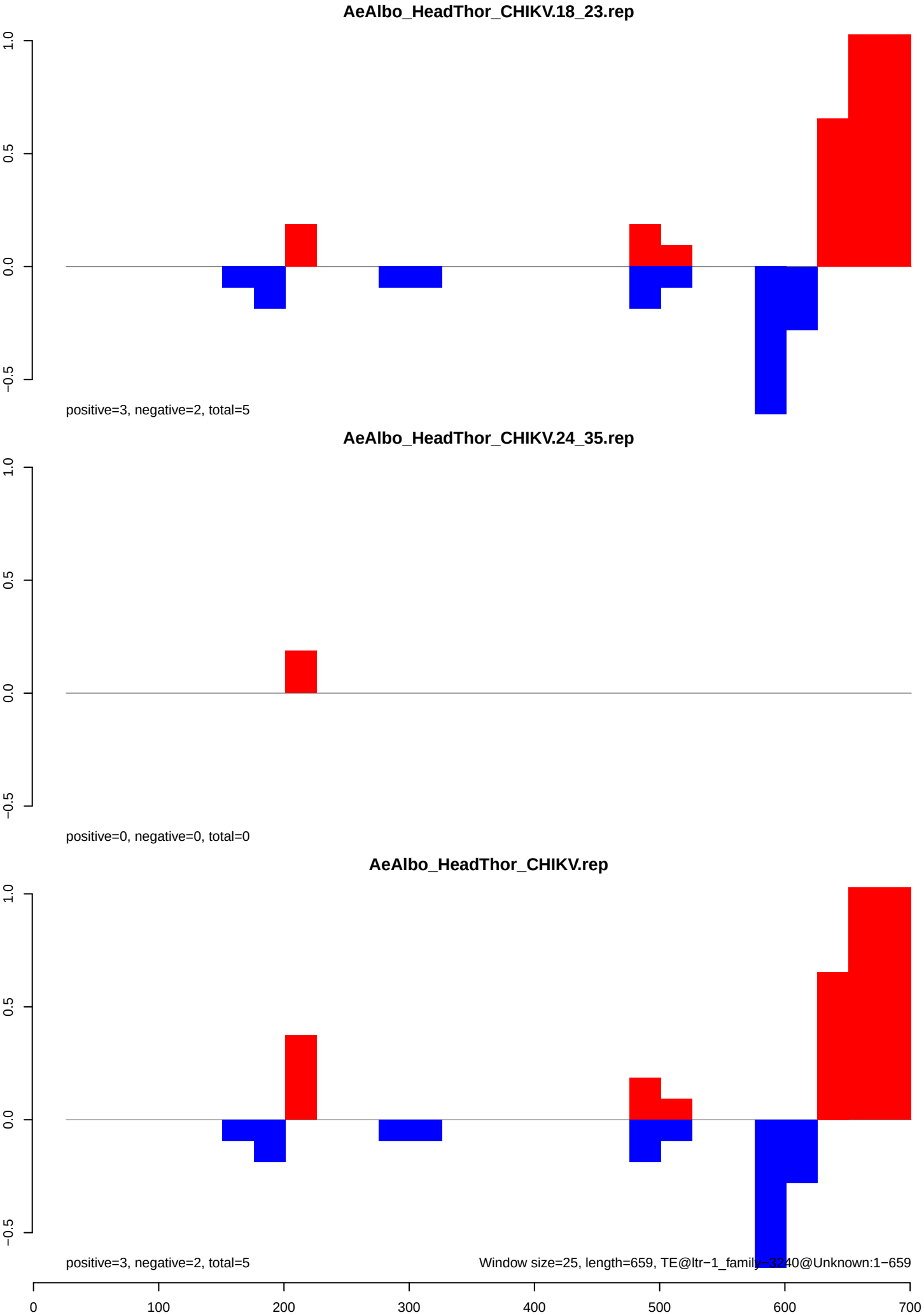

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
Window size=25, length=1842, TE@ltr−1_family−3497@LTR_Pao:1−1842
0
500
1000
1500

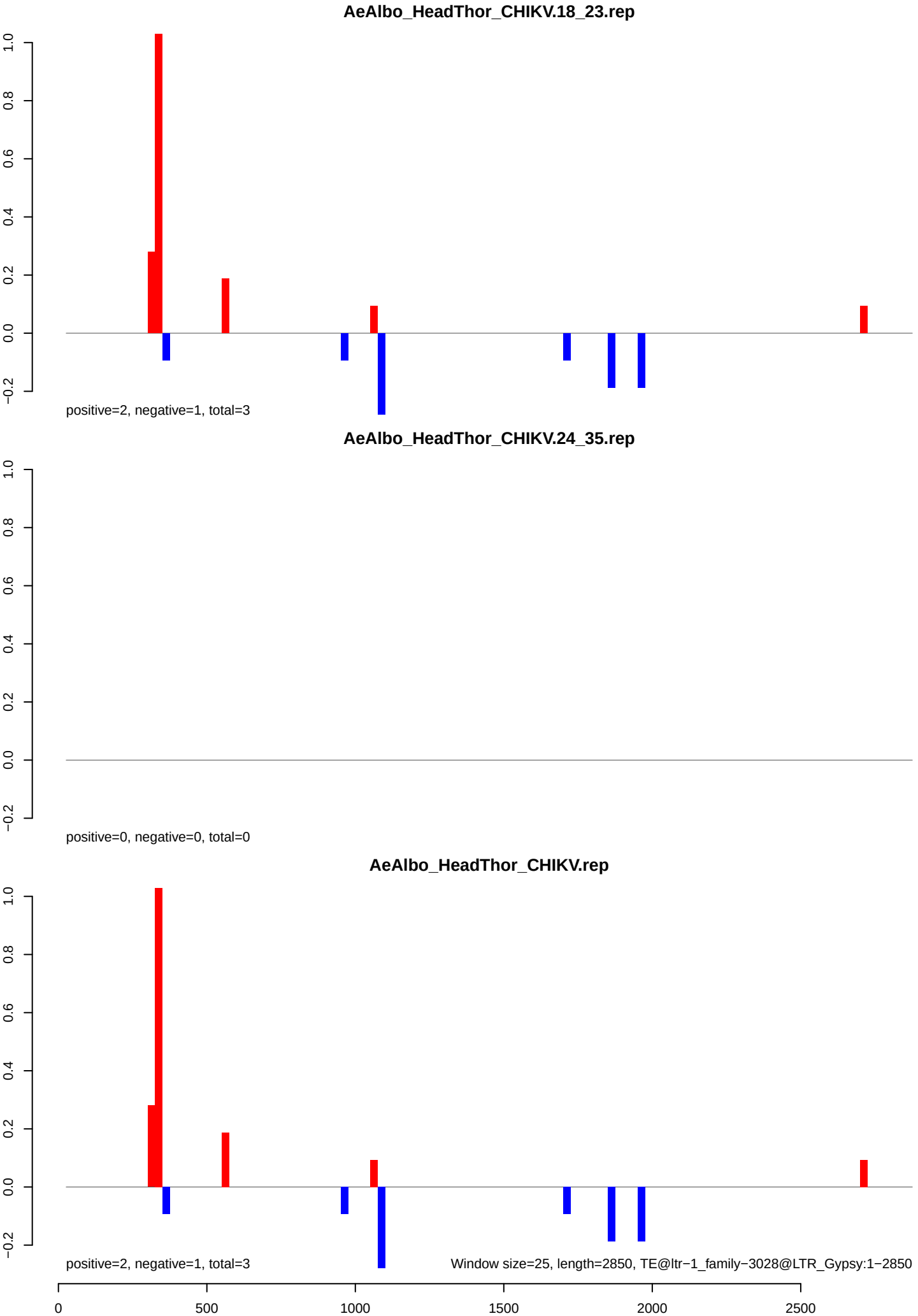

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=2, total=4
Window size=25, length=1165, TE@ltr−1_family−3450@LTR_Gypsy:1−1165
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
200
400
600
800
1000
1200

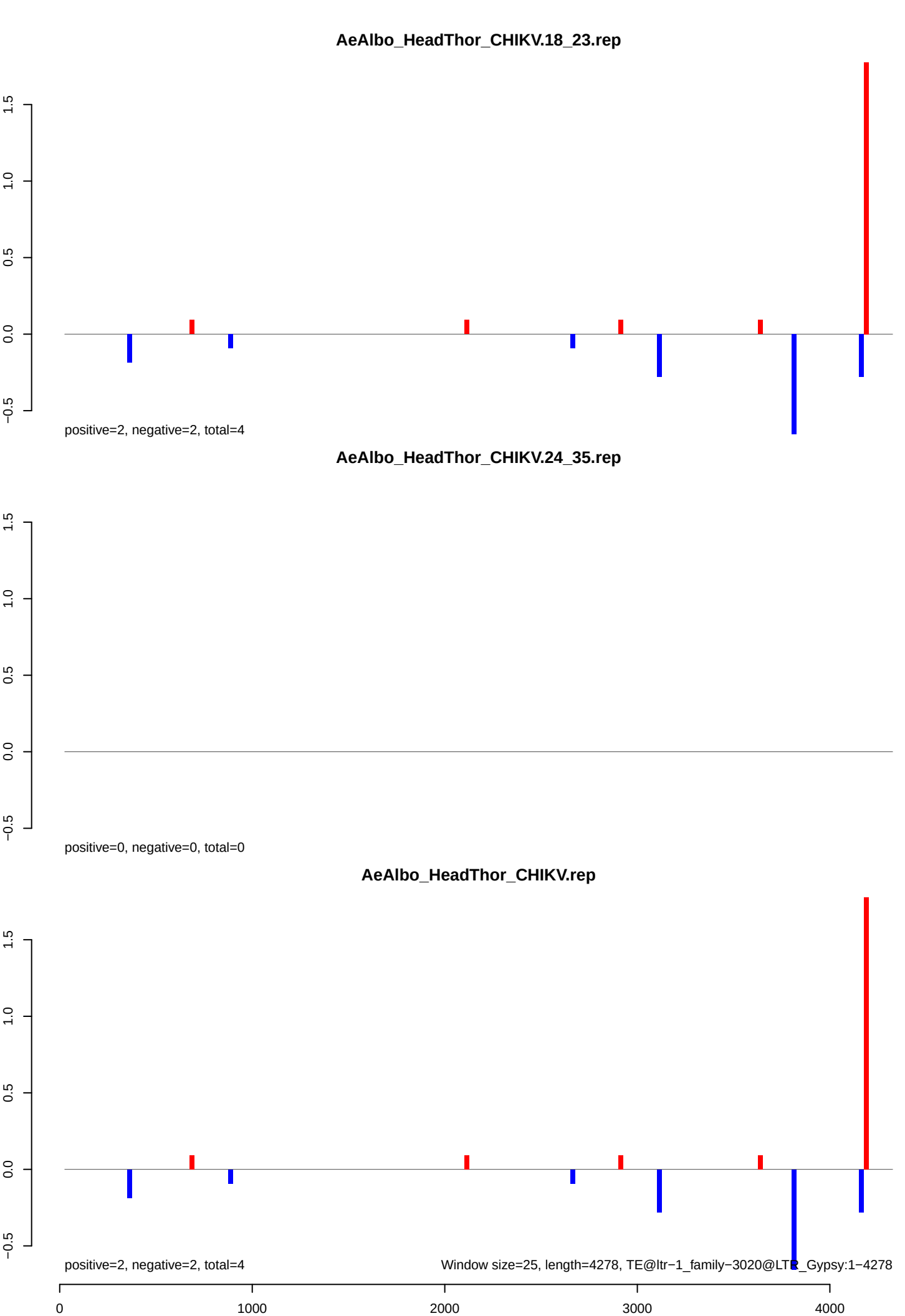

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1

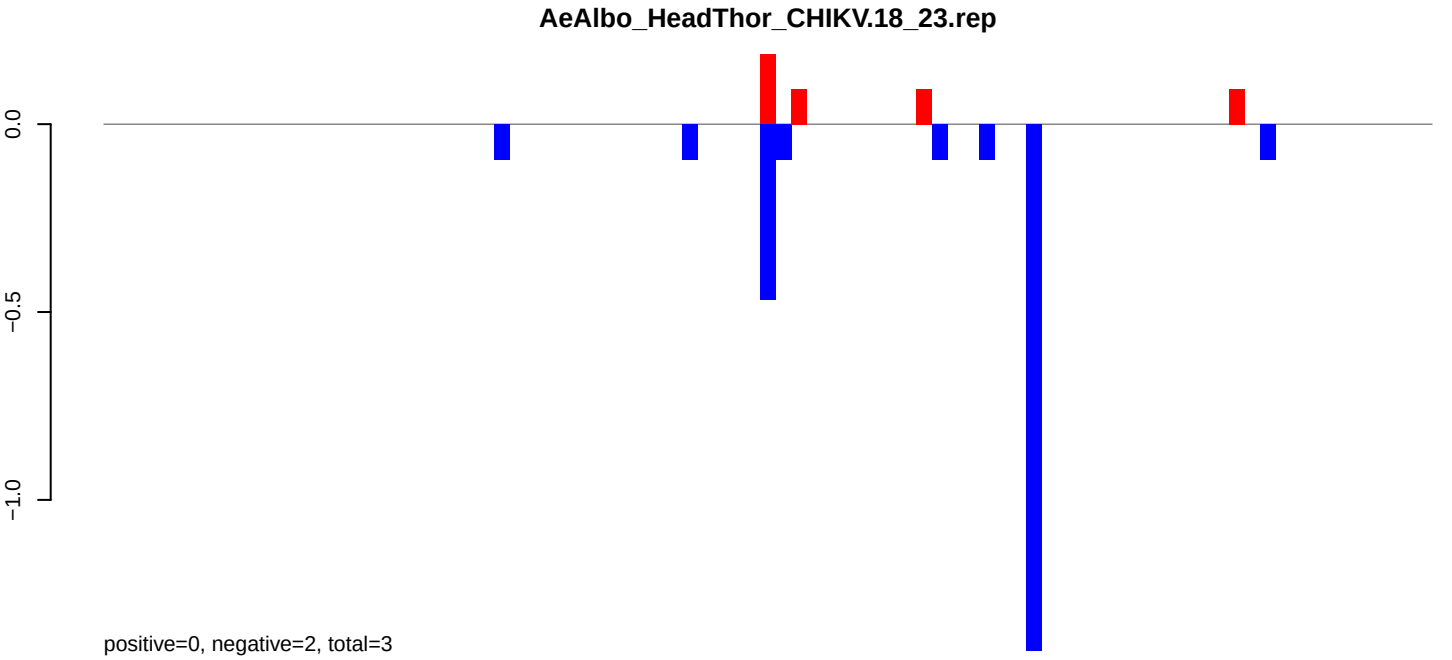

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

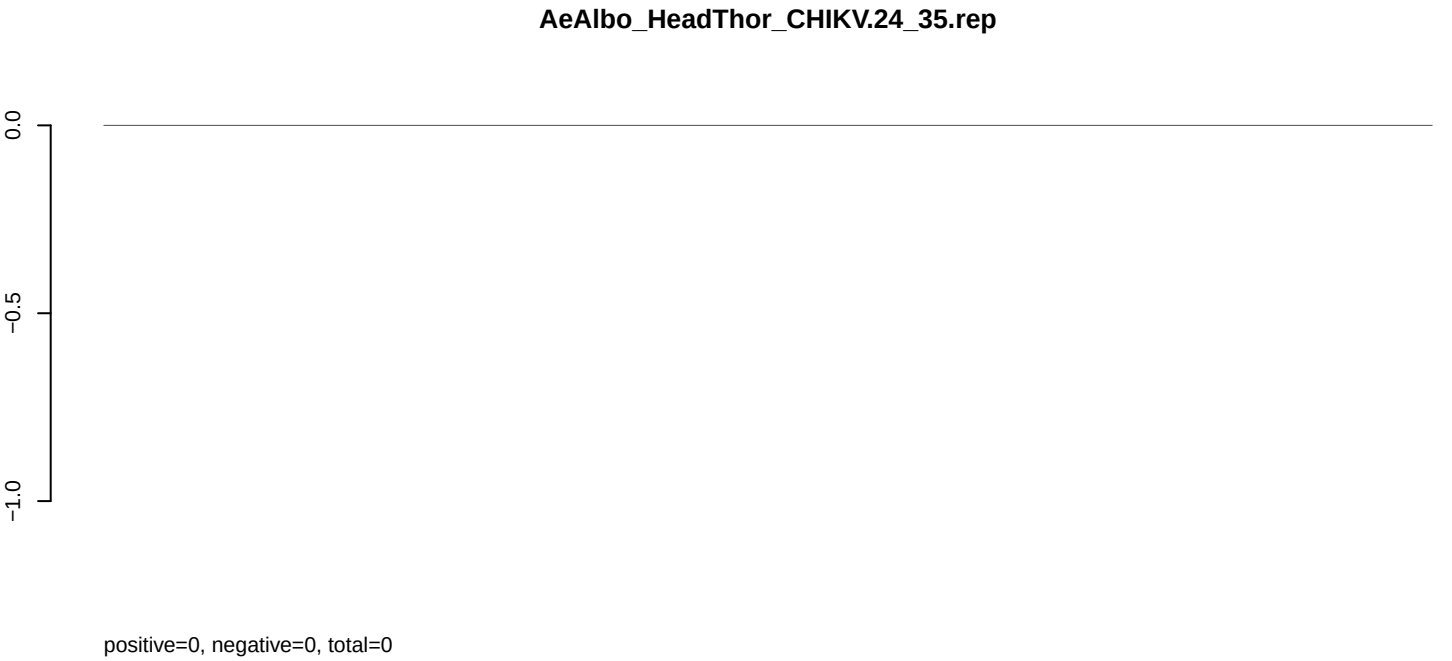

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=2777, TE@ltr−1_family−3428@LTR_Gypsy:1−2777
0
500
1000
1500
2000
2500

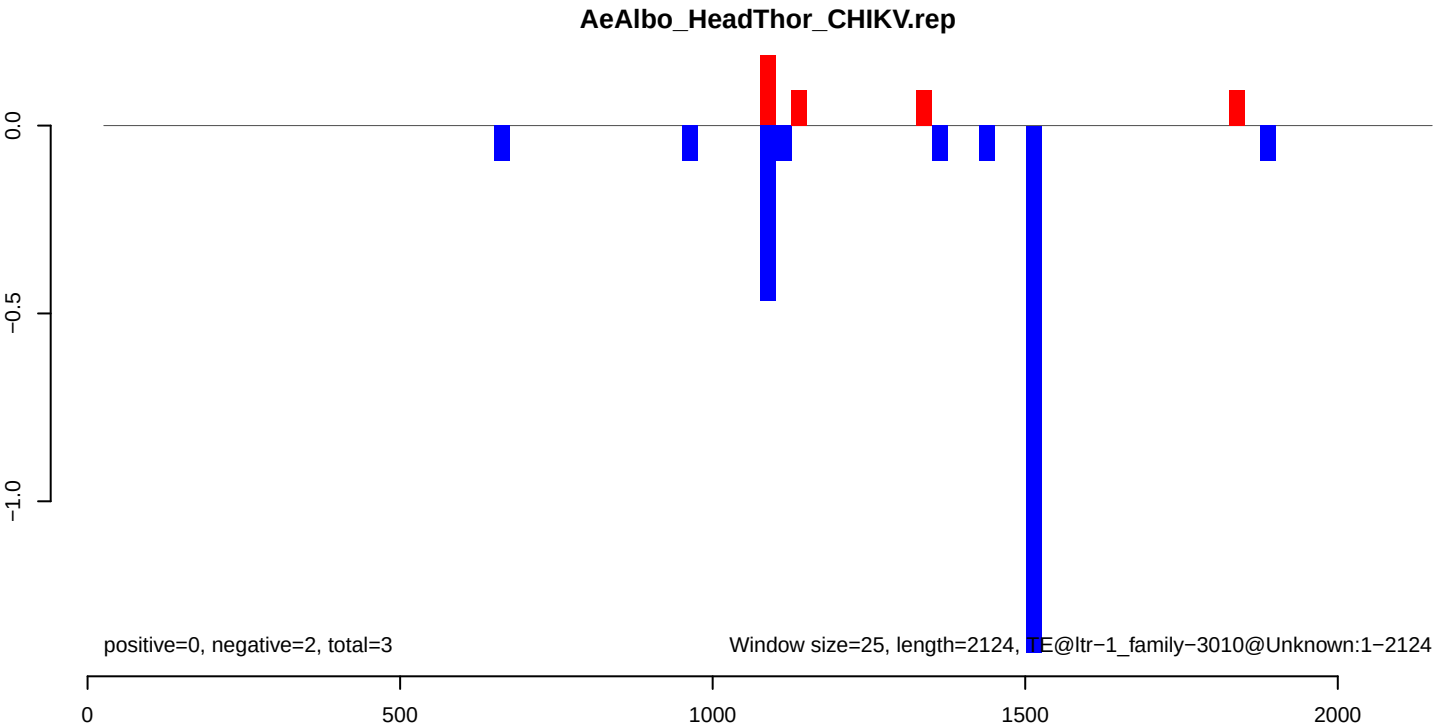

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=5
Window size=25, length=659, TE@ltr−1_family−3240@Unknown:1−659
0
100
200
300
400
500
600
700

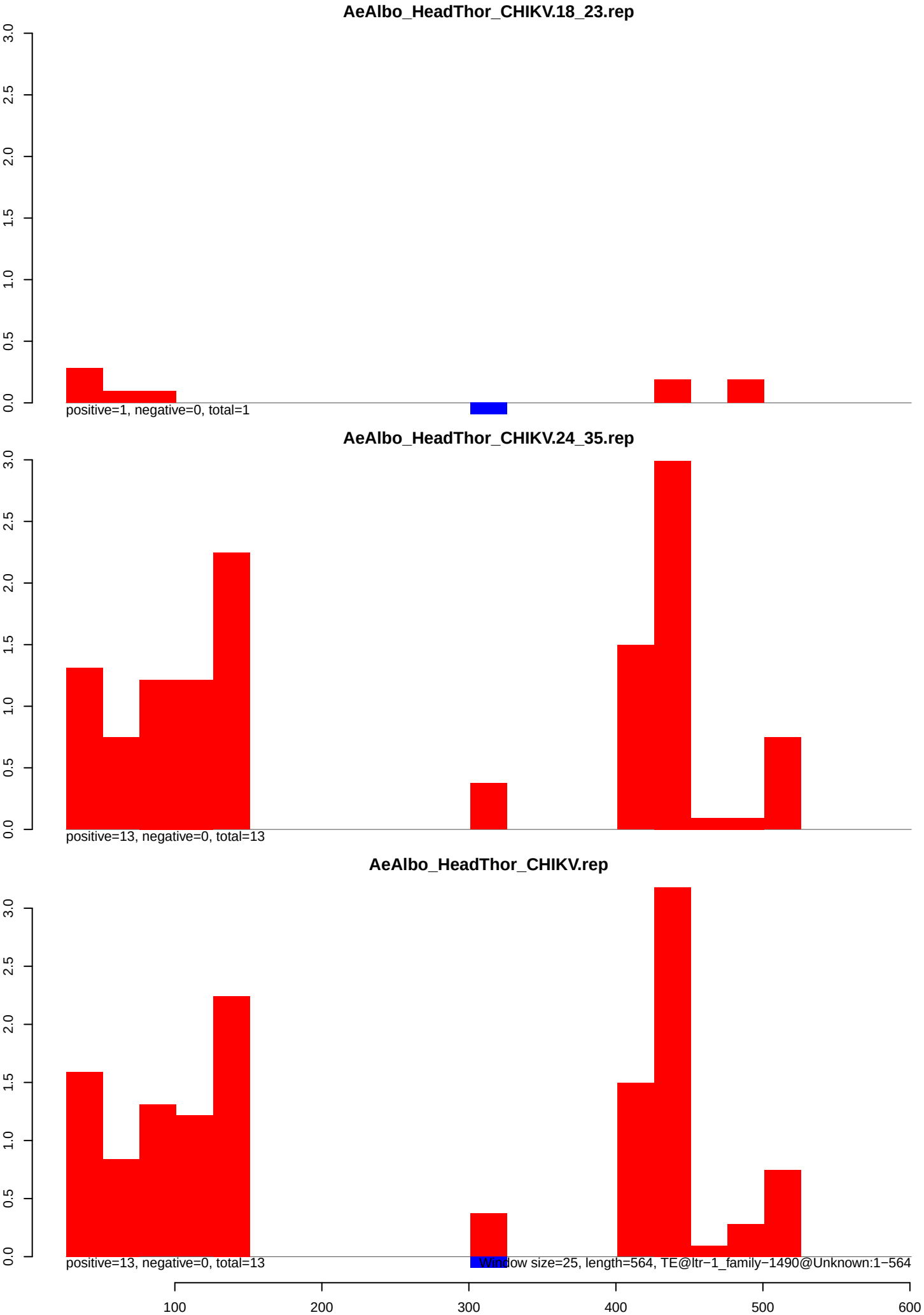

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=2850, TE@ltr−1_family−3028@LTR_Gypsy:1−2850
0
500
1000
1500
2000
2500

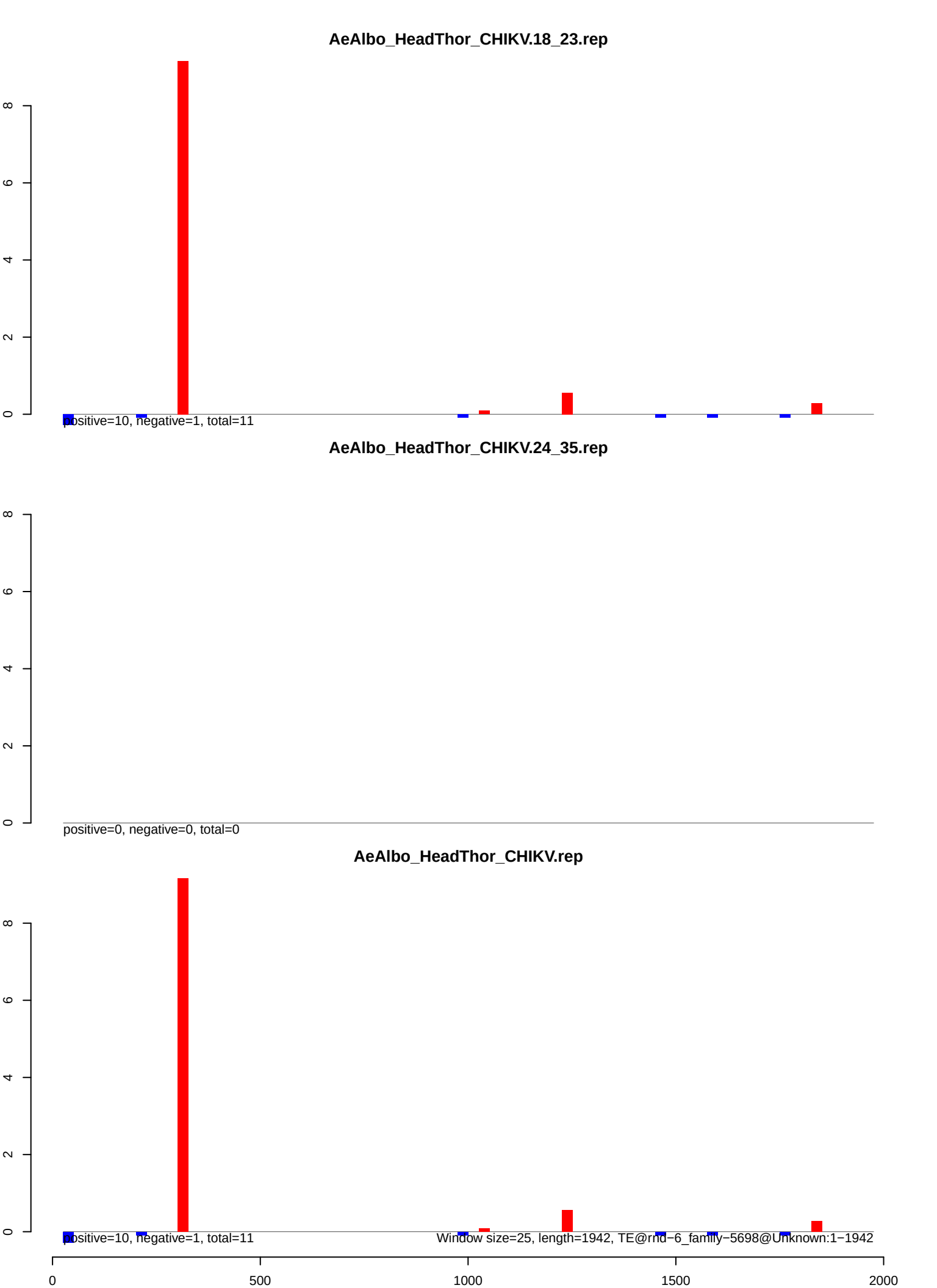

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=4
Window size=25, length=4278, TE@ltr−1_family−3020@LTR_Gypsy:1−4278
0
1000
2000
3000
4000

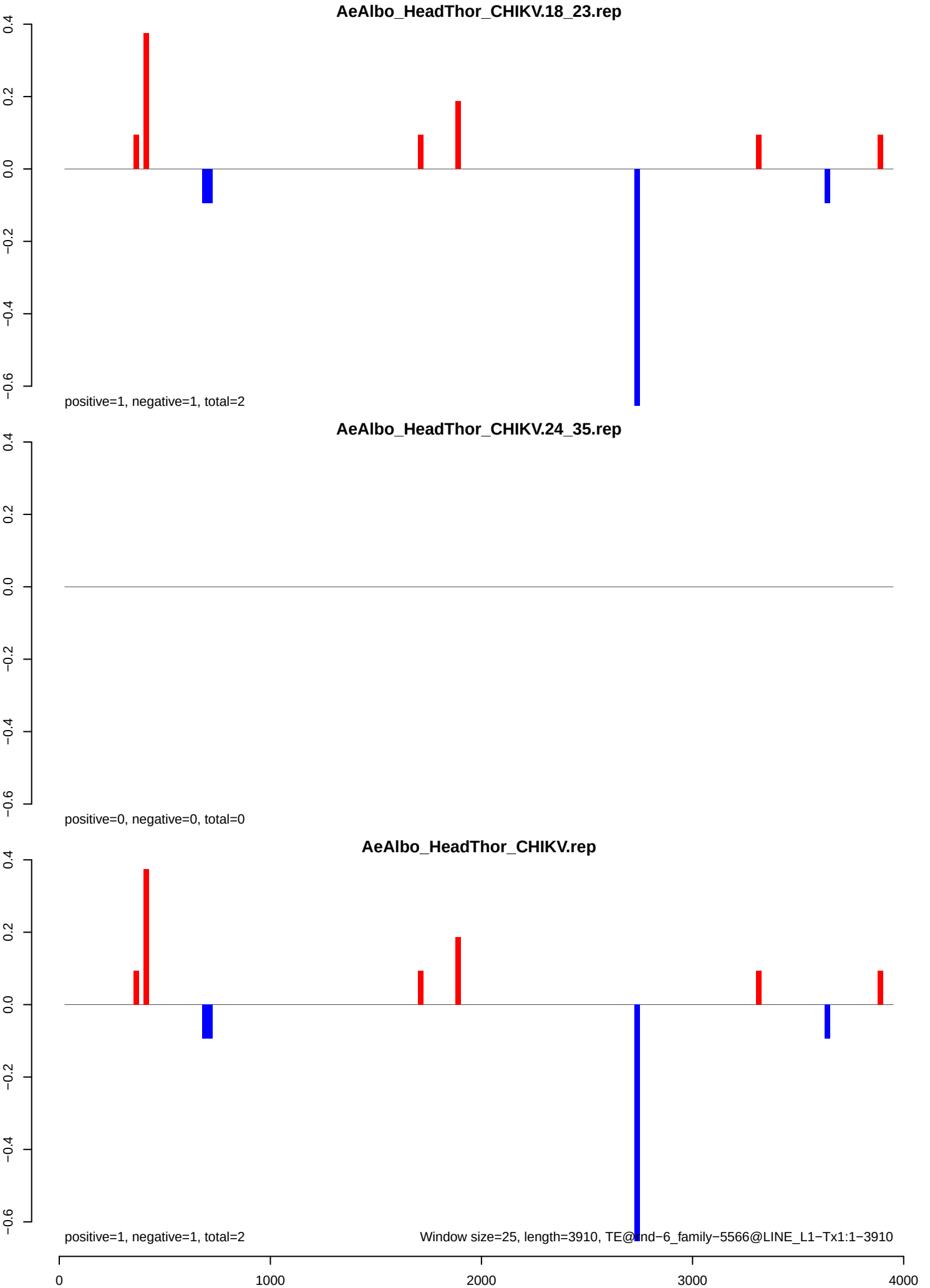

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=0, negative=2, total=3

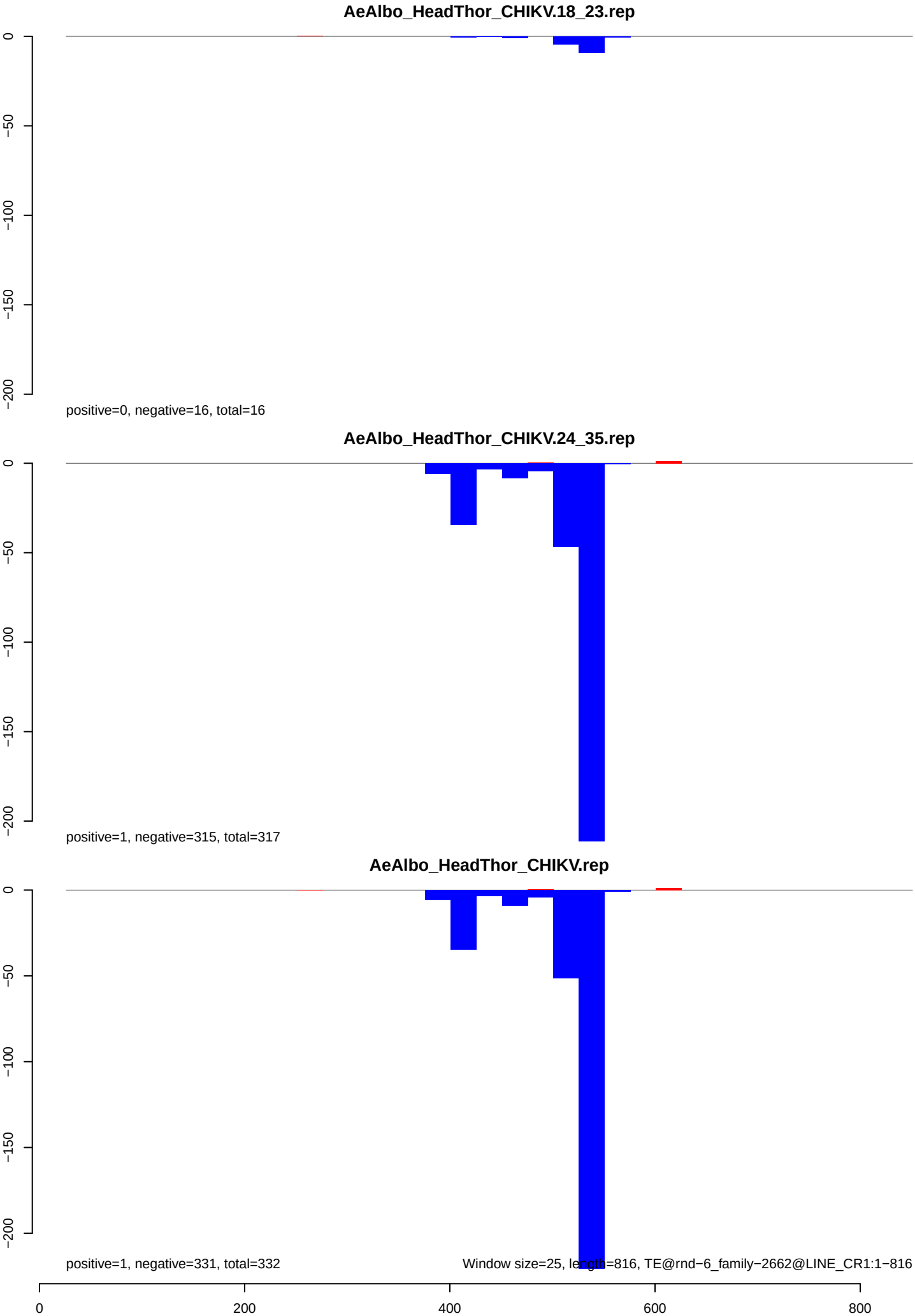

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0

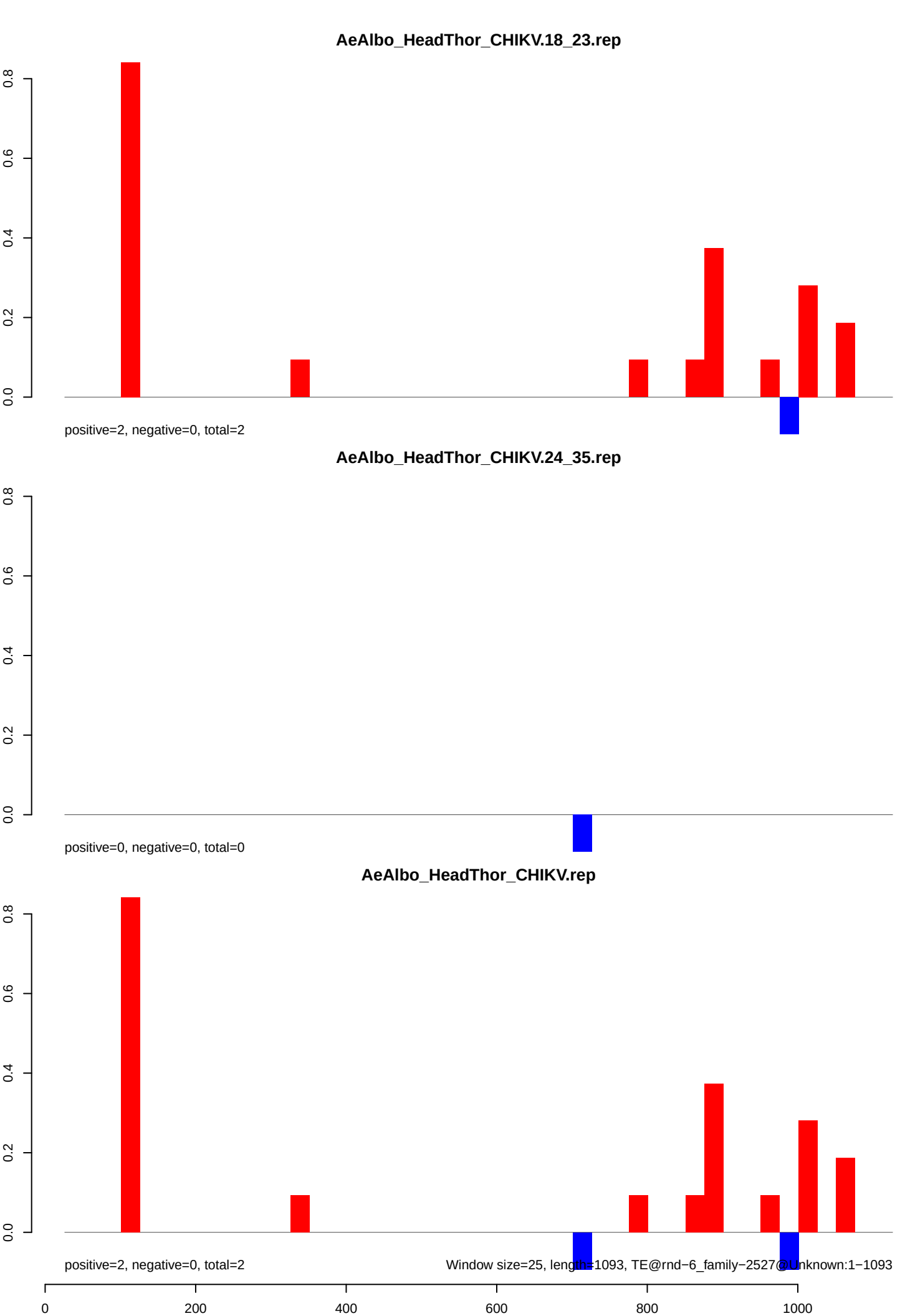

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=0, negative=2, total=3
Window size=25, length=2124, TE@ltr−1_family−3010@Unknown:1−2124
0
500
1000
1500
2000

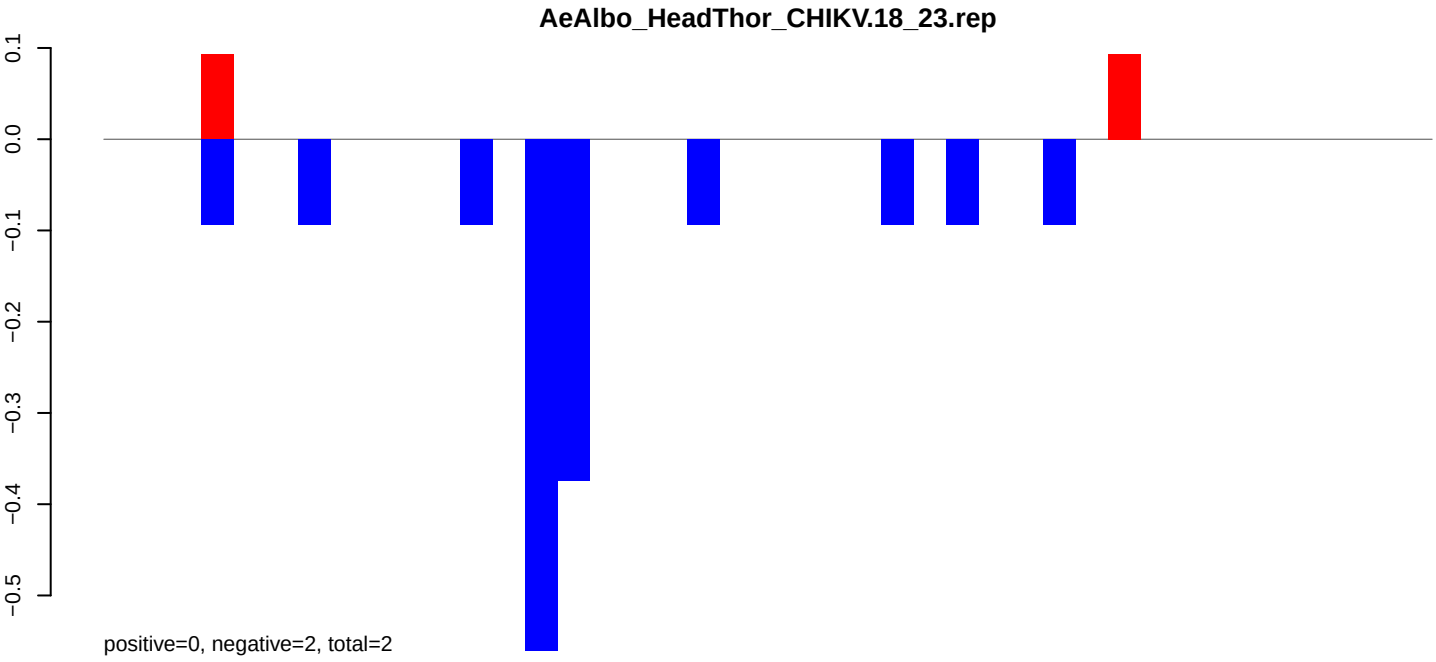

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=13, negative=0, total=13
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
3.0
positive=13, negative=0, total=13
Window size=25, length=564, TE@ltr−1_family−1490@Unknown:1−564
100
200
300
400
500
600

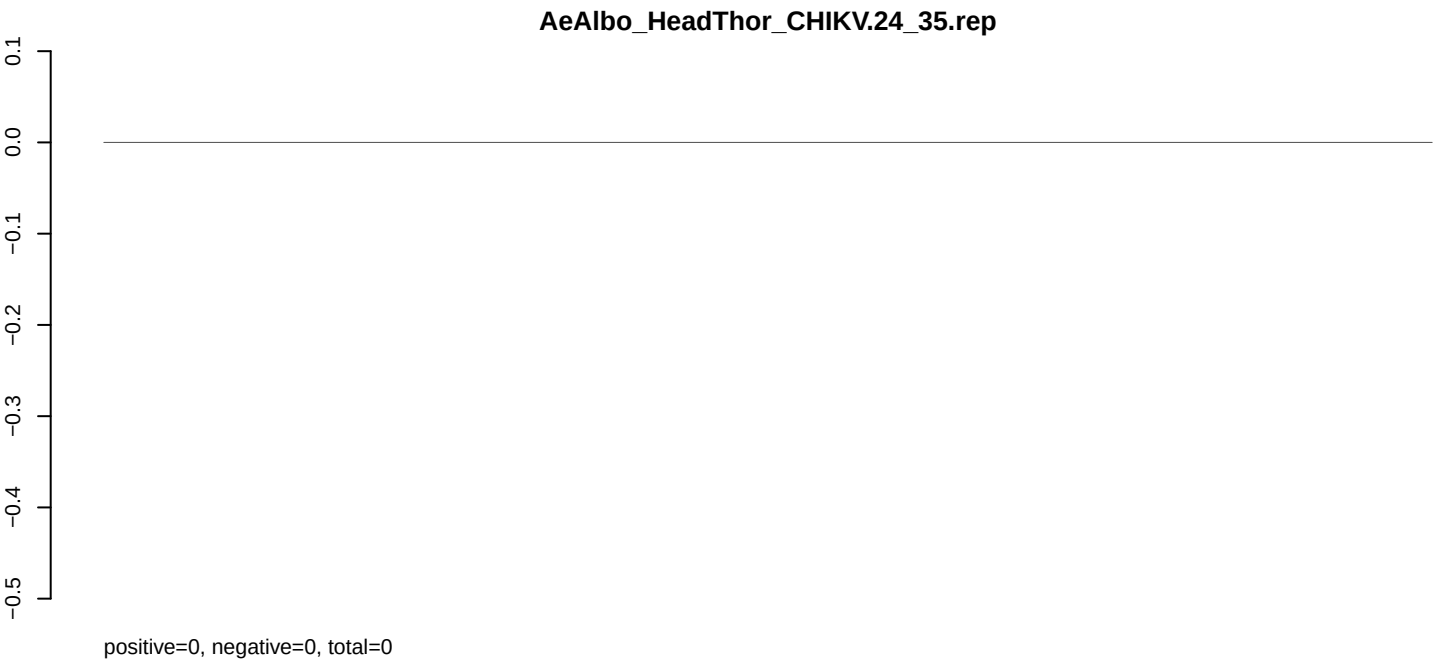

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
positive=10, negative=1, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
positive=10, negative=1, total=11
Window size=25, length=1942, TE@rnd−6_family−5698@Unknown:1−1942
0
500
1000
1500
2000

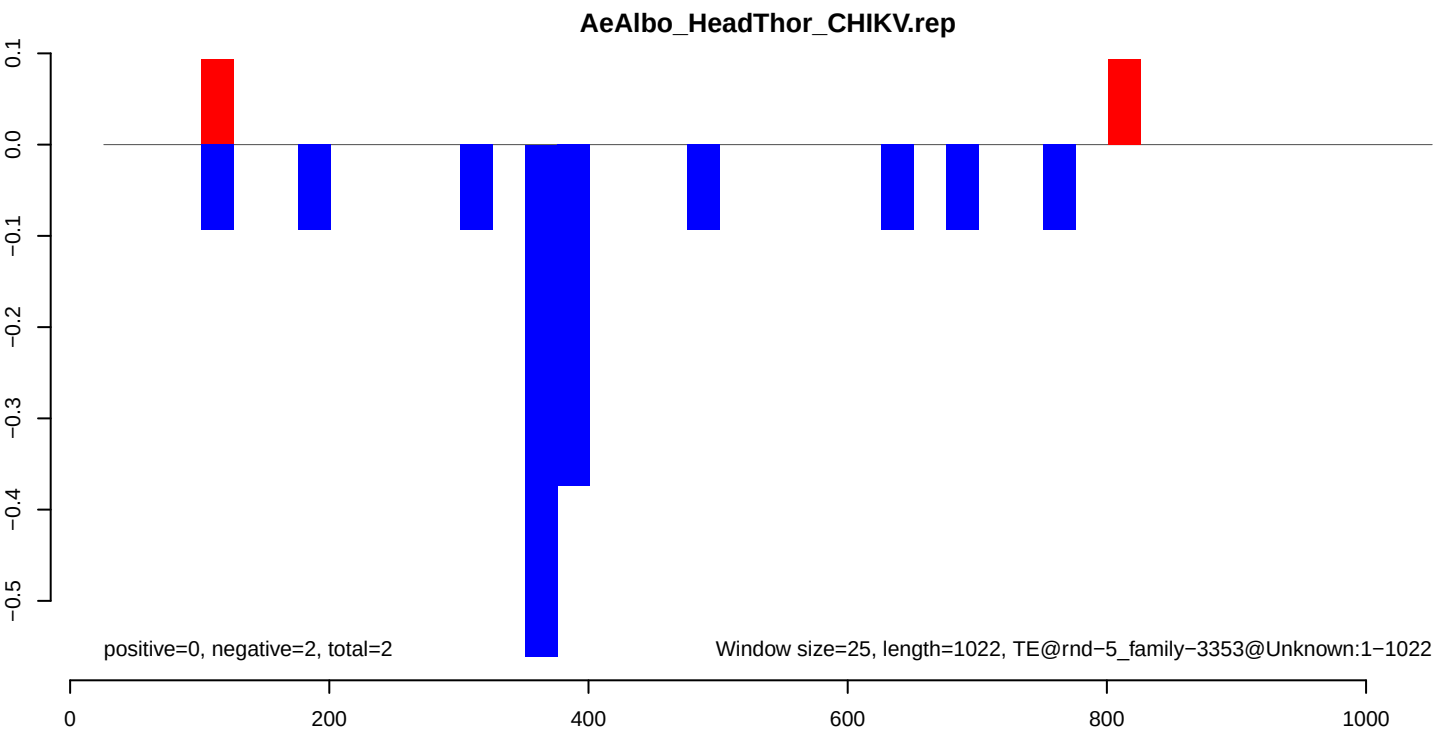

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
Window size=25, length=3910, TE@ind−6_family−5566@LINE_L1−Tx1:1−3910
0
1000
2000
3000
4000

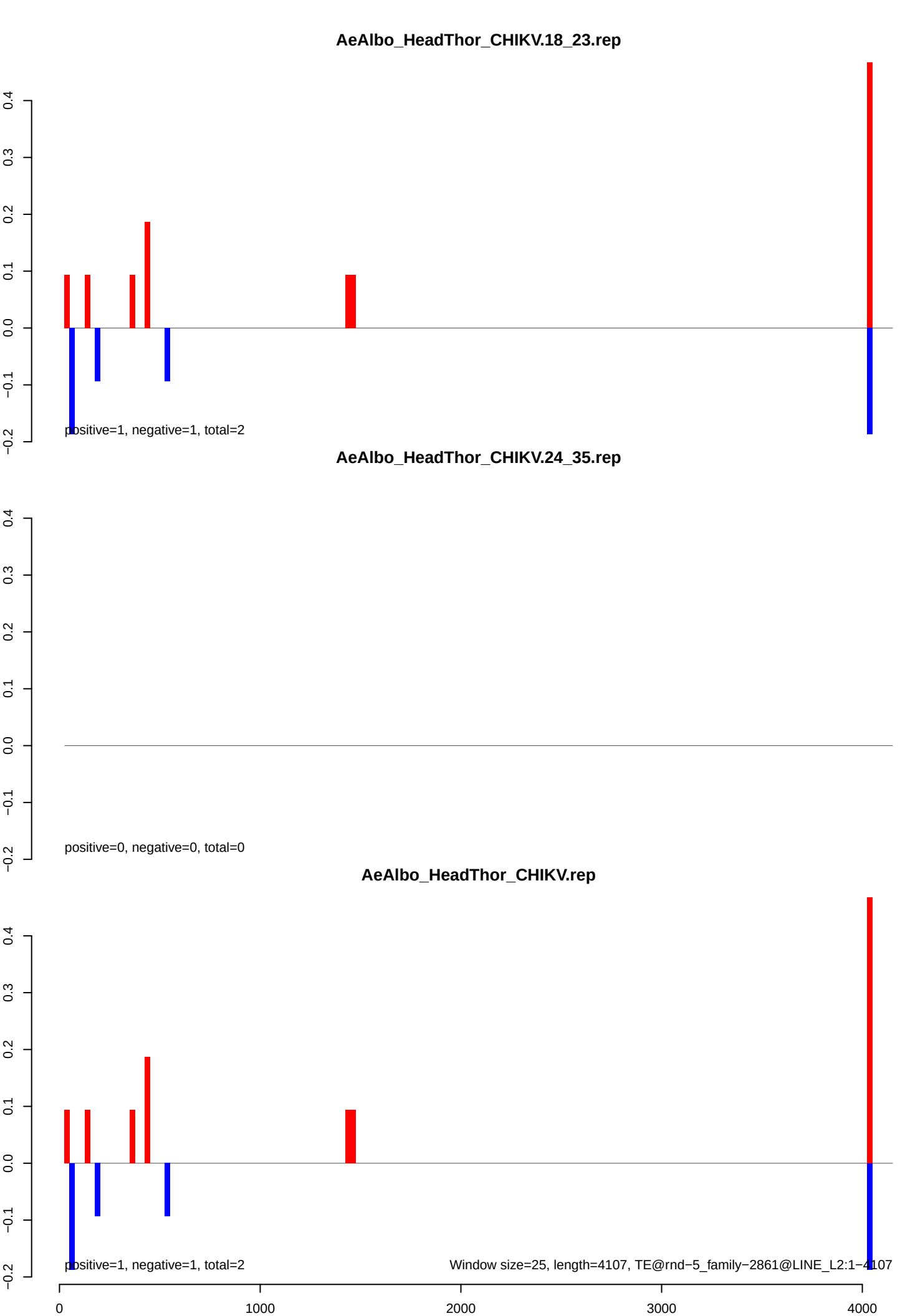

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
−200
positive=0, negative=16, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
−200
positive=1, negative=315, total=317
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
−200
positive=1, negative=331, total=332
Window size=25, length=816, TE@rnd−6_family−2662@LINE_CR1:1−816
0
200
400
600
800

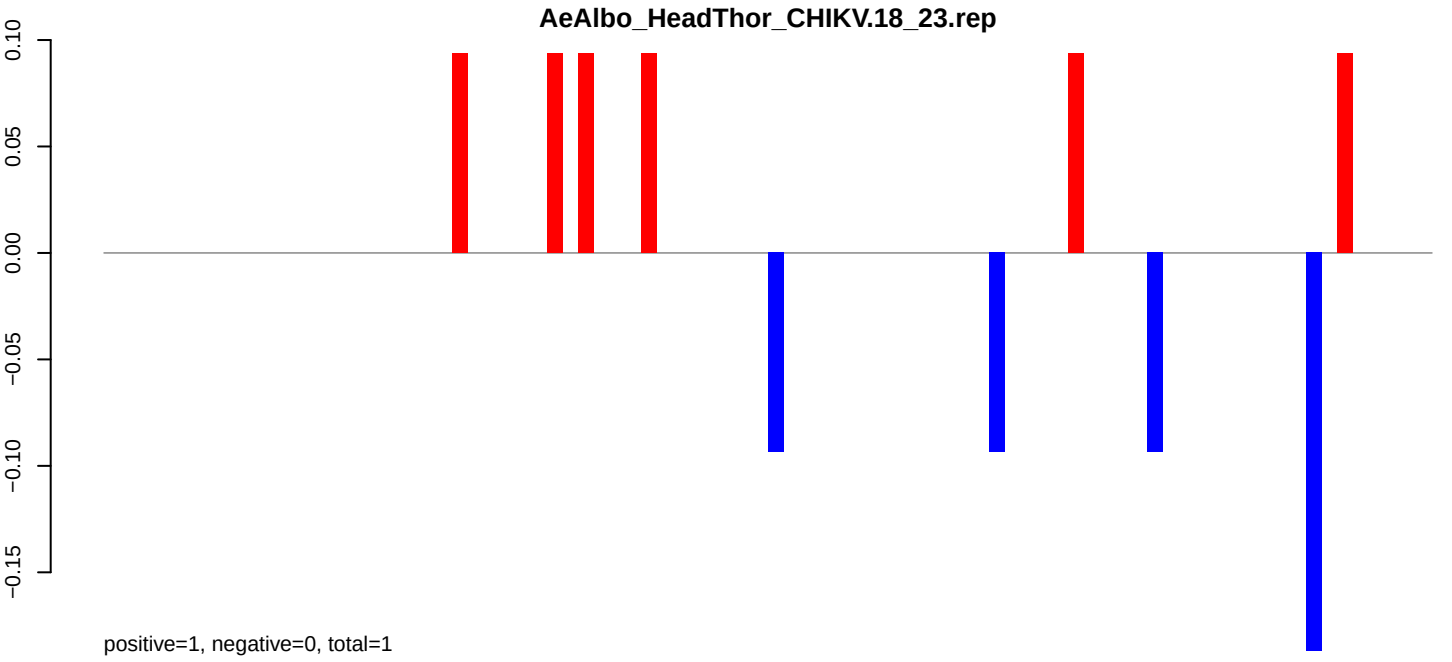

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=0, total=2
Window size=25, length=1093, TE@rnd−6_family−2527@Unknown:1−1093
0
200
400
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=2, total=2

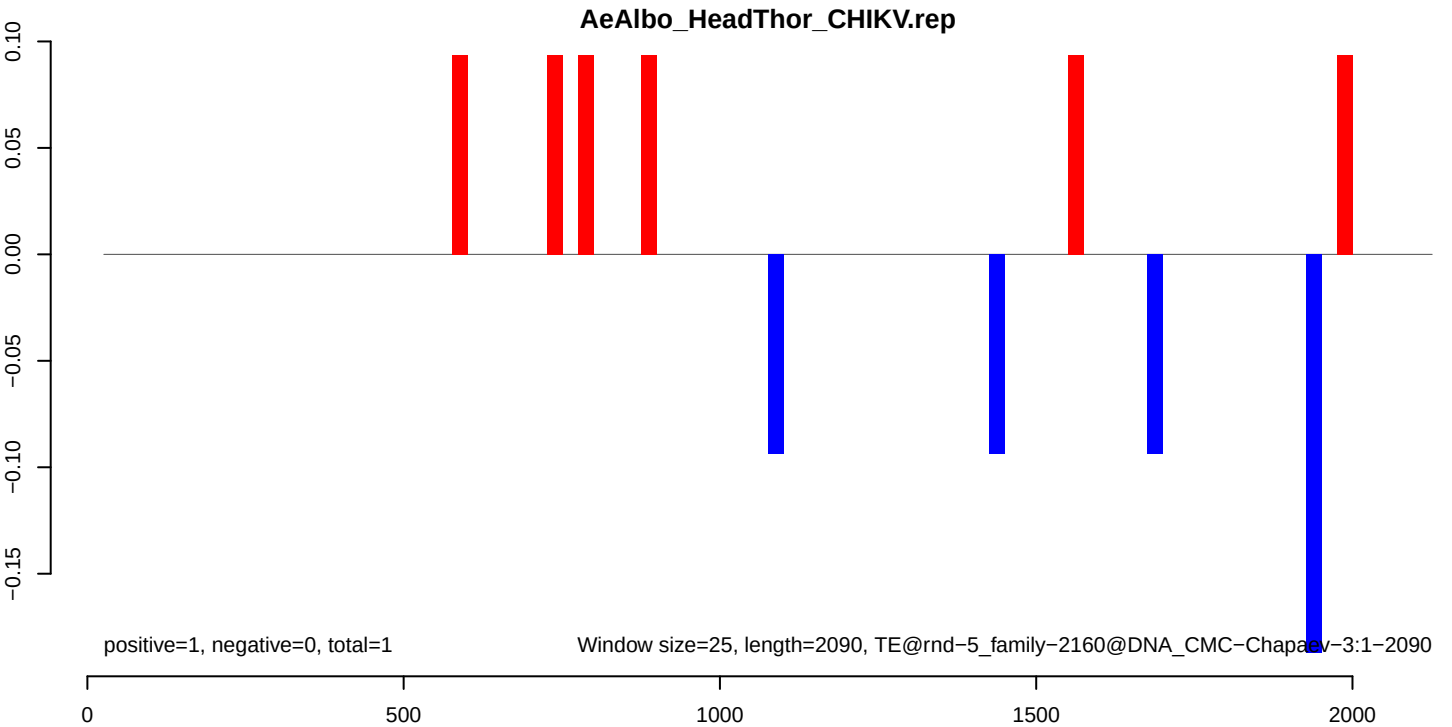

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0

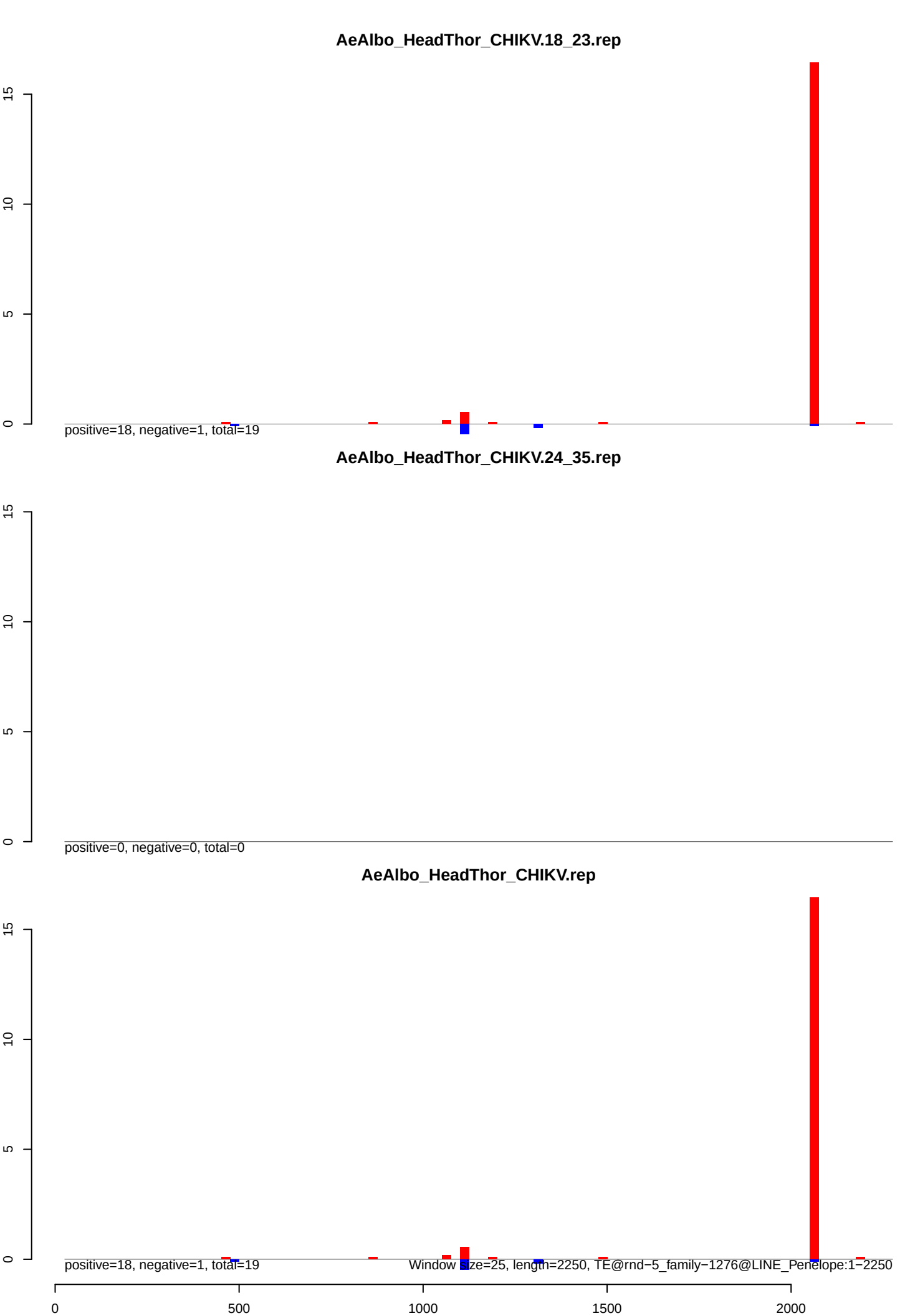

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=2, total=2
Window size=25, length=1022, TE@rnd−5_family−3353@Unknown:1−1022
0
200
400
600
800
1000

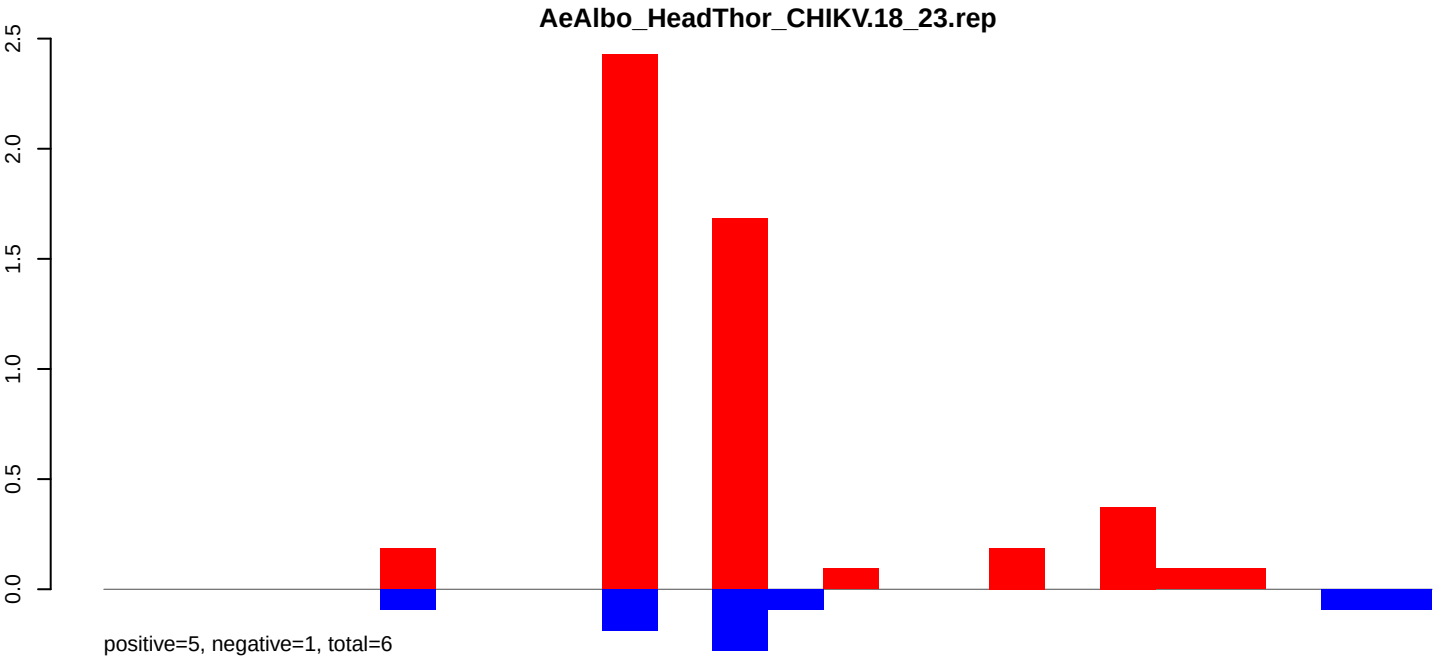

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=4107, TE@rnd−5_family−2861@LINE_L2:1−4107
0
1000
2000
3000
4000

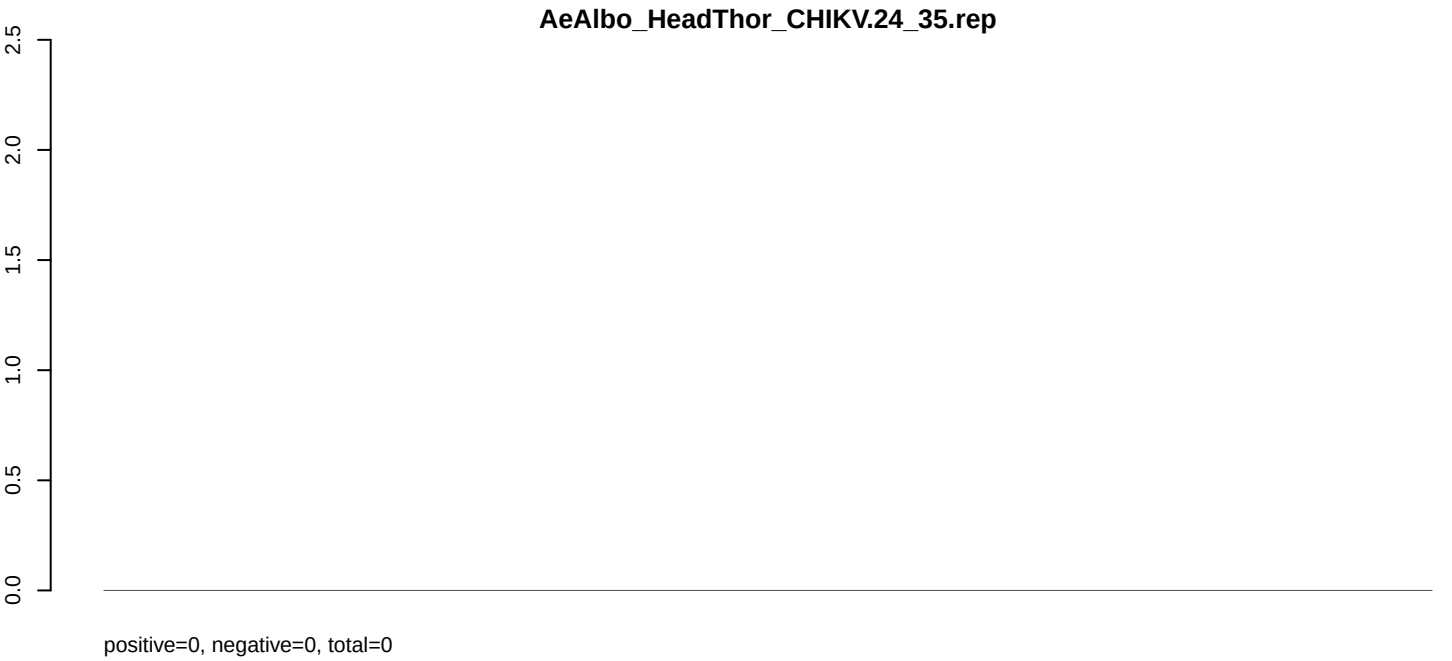

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=0, total=1

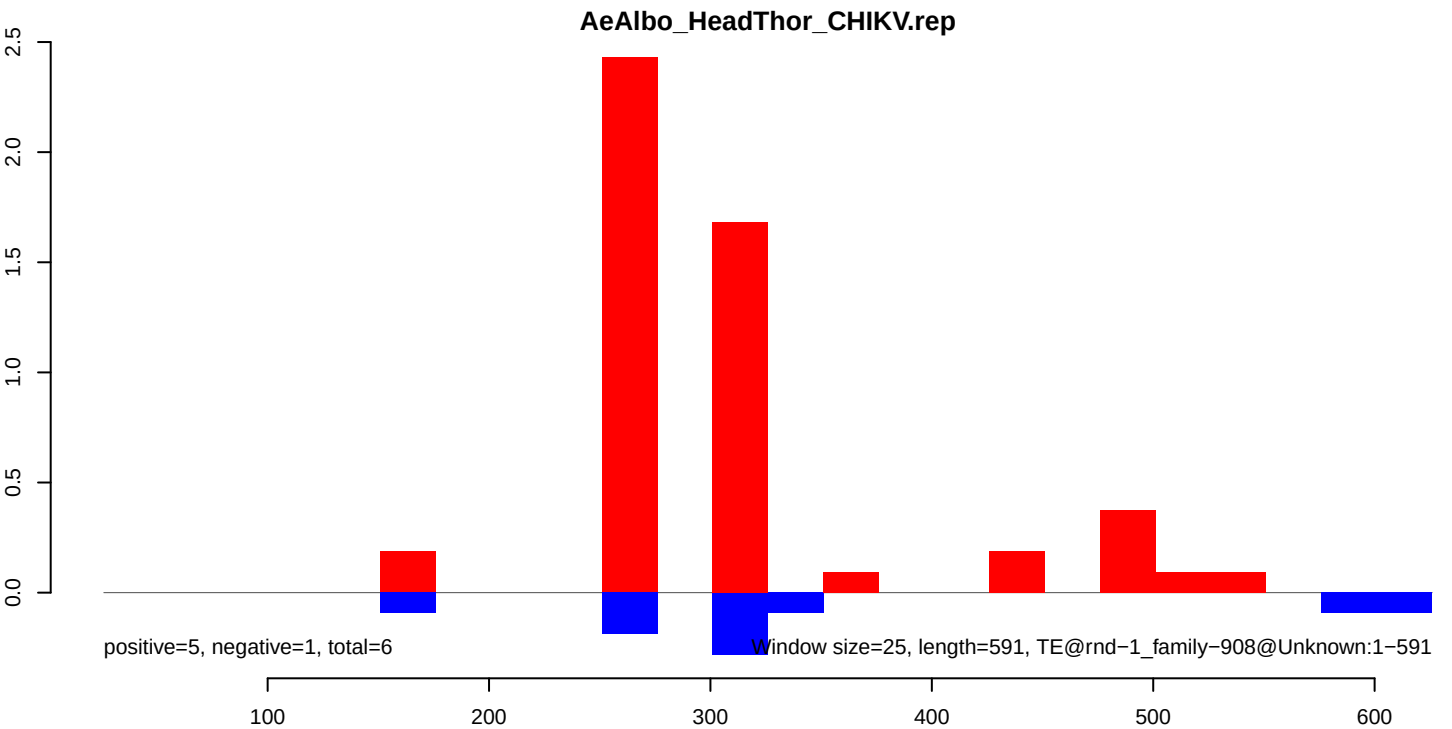
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

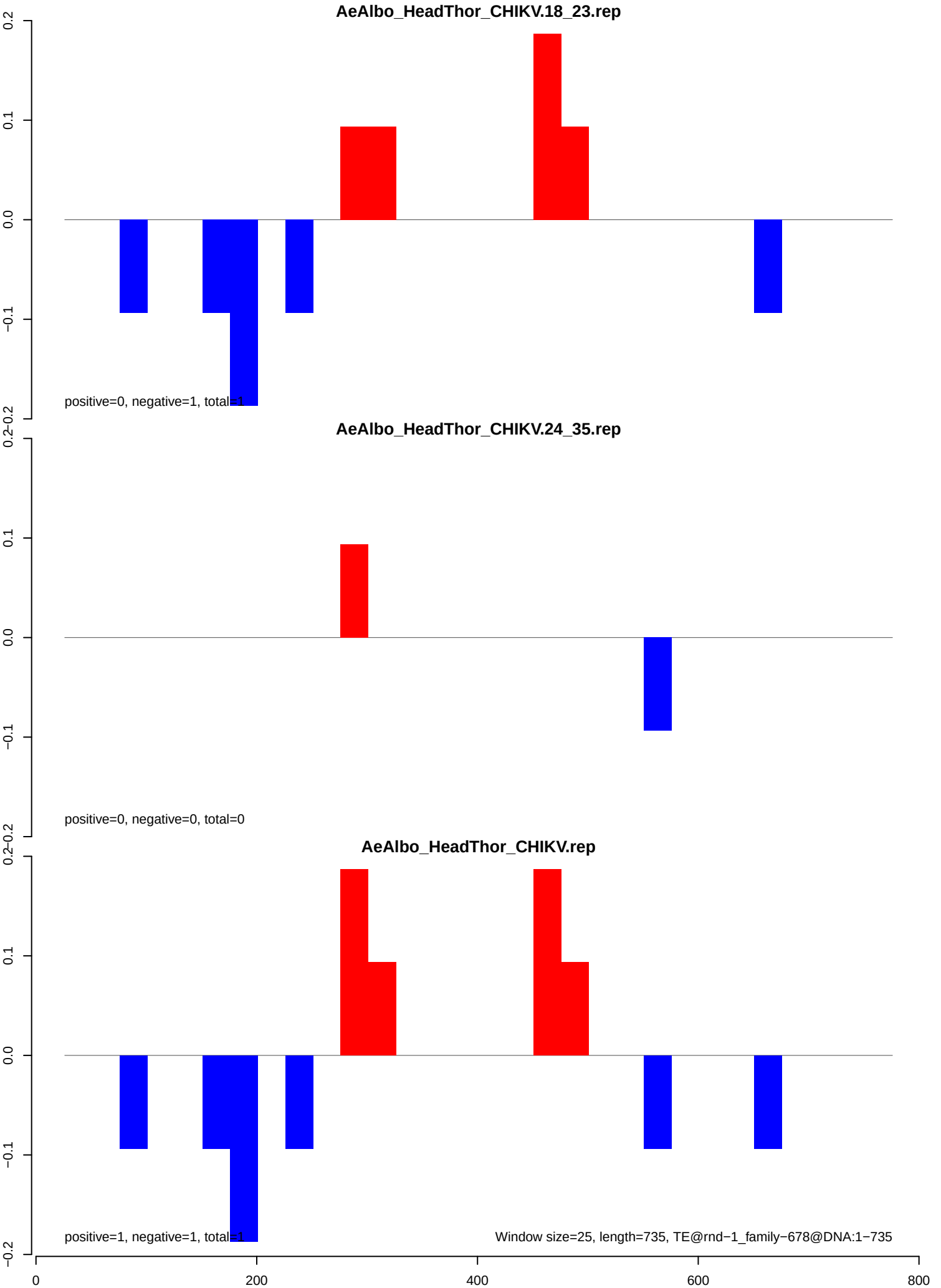

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=0, total=1
Window size=25, length=2090, TE@rnd−5_family−2160@DNA_CMC−Chapaev−3:1−2090
0
500
1000
1500
2000

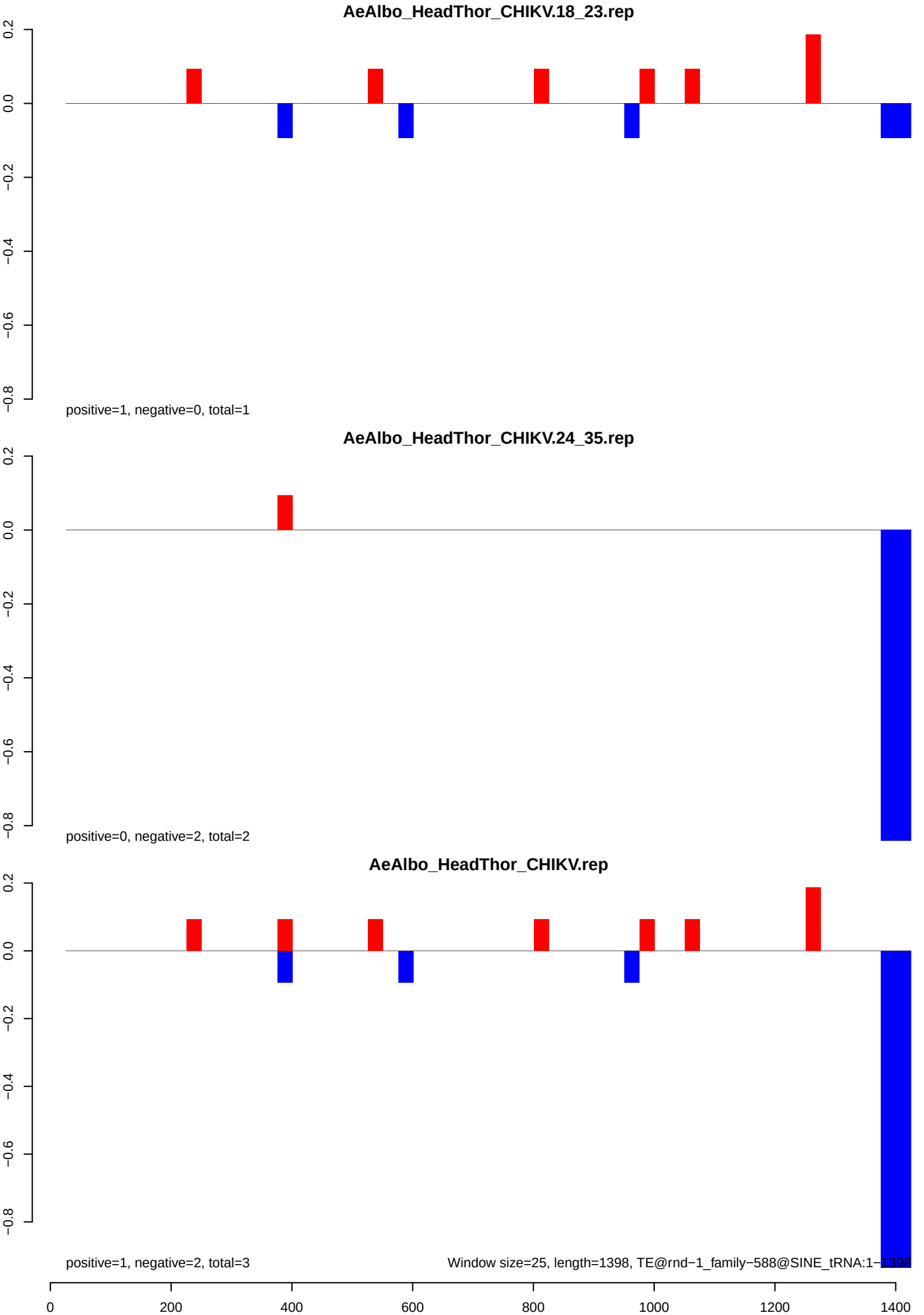

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=18, negative=1, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
positive=18, negative=1, total=19
Window size=25, length=2250, TE@rnd−5_family−1276@LINE_Penelope:1−2250
0
500
1000
1500
2000

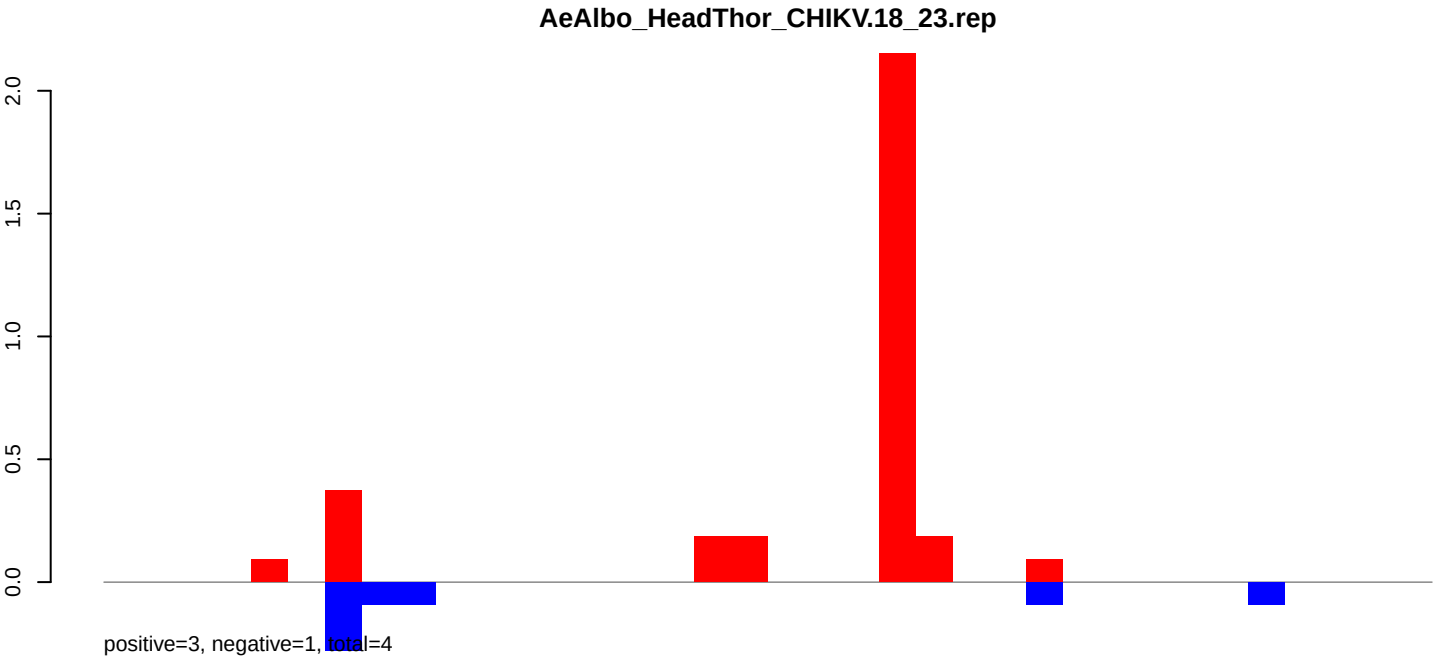

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=5, negative=1, total=6

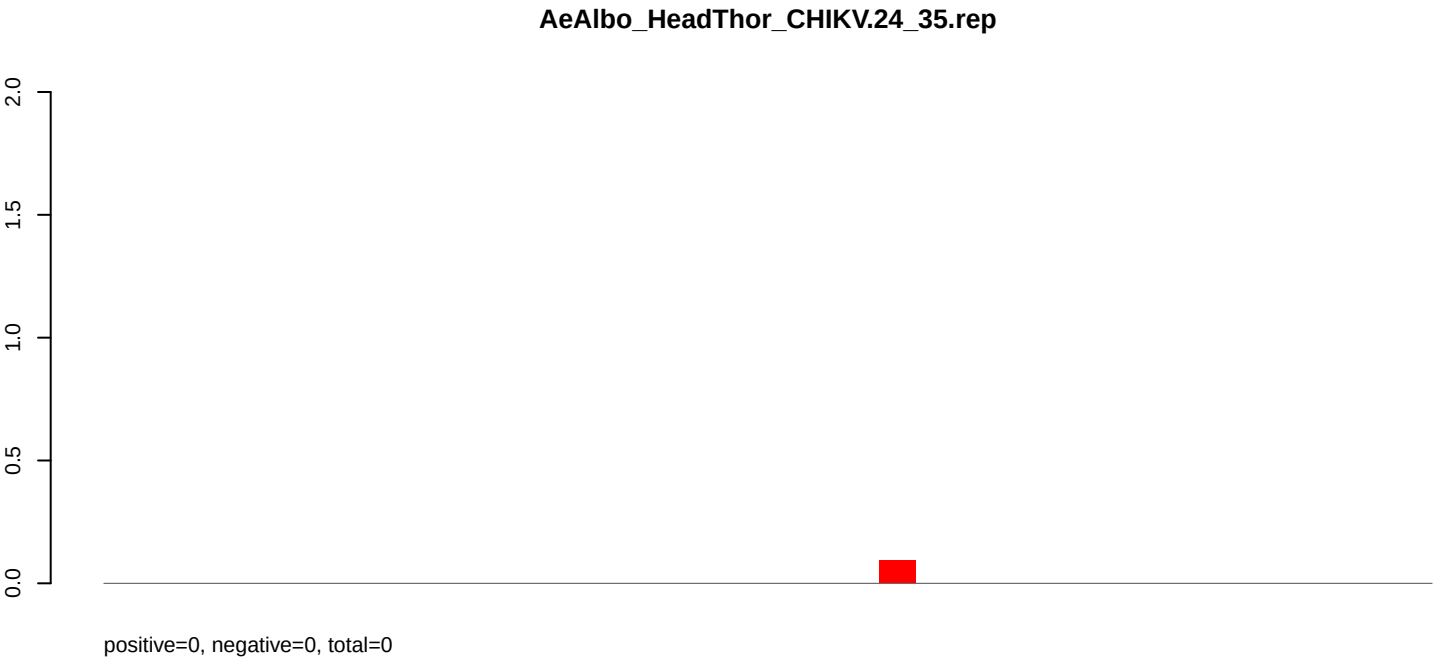

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0

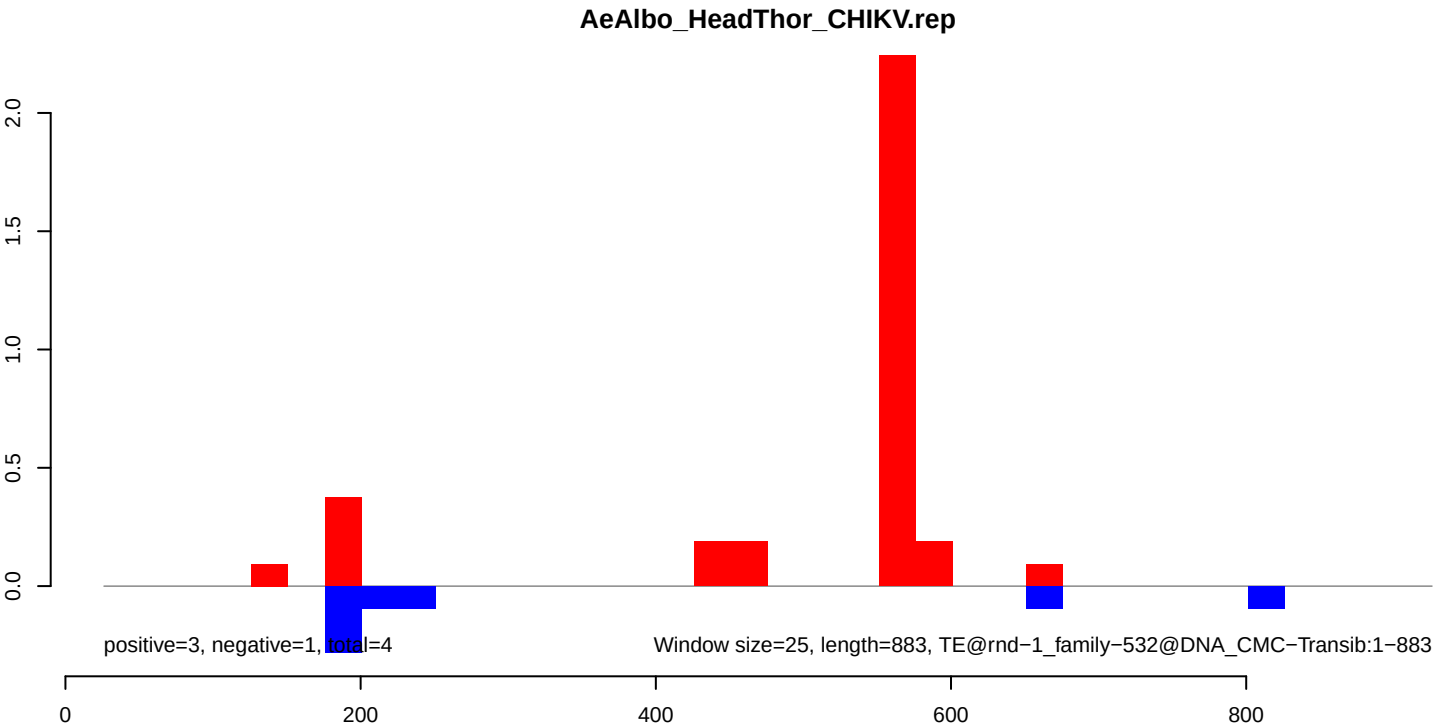

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=5, negative=1, total=6
Window size=25, length=591, TE@rnd−1_family−908@Unknown:1−591
100
200
300
400
500
600

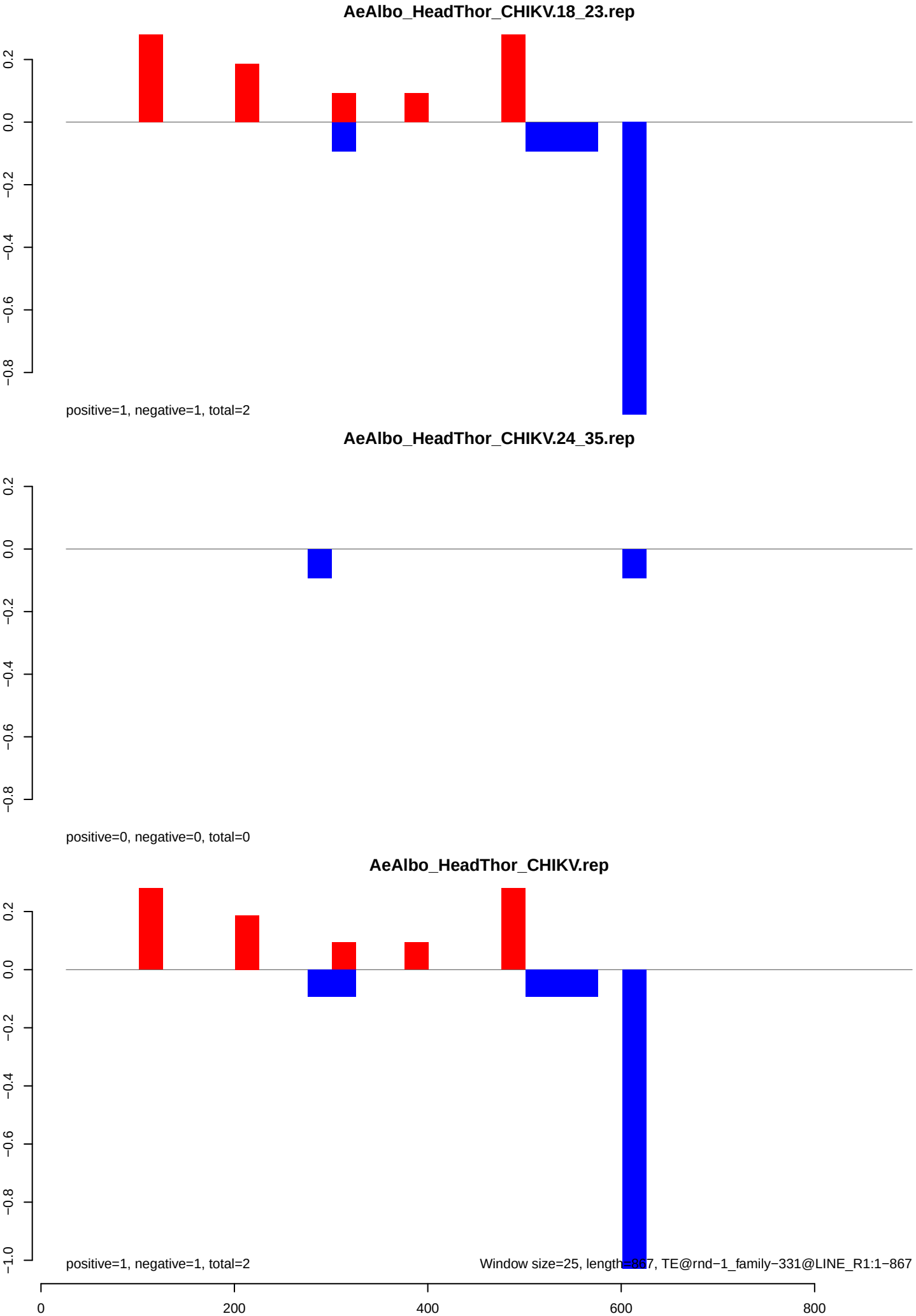

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=1
Window size=25, length=735, TE@rnd−1_family−678@DNA:1−735
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800

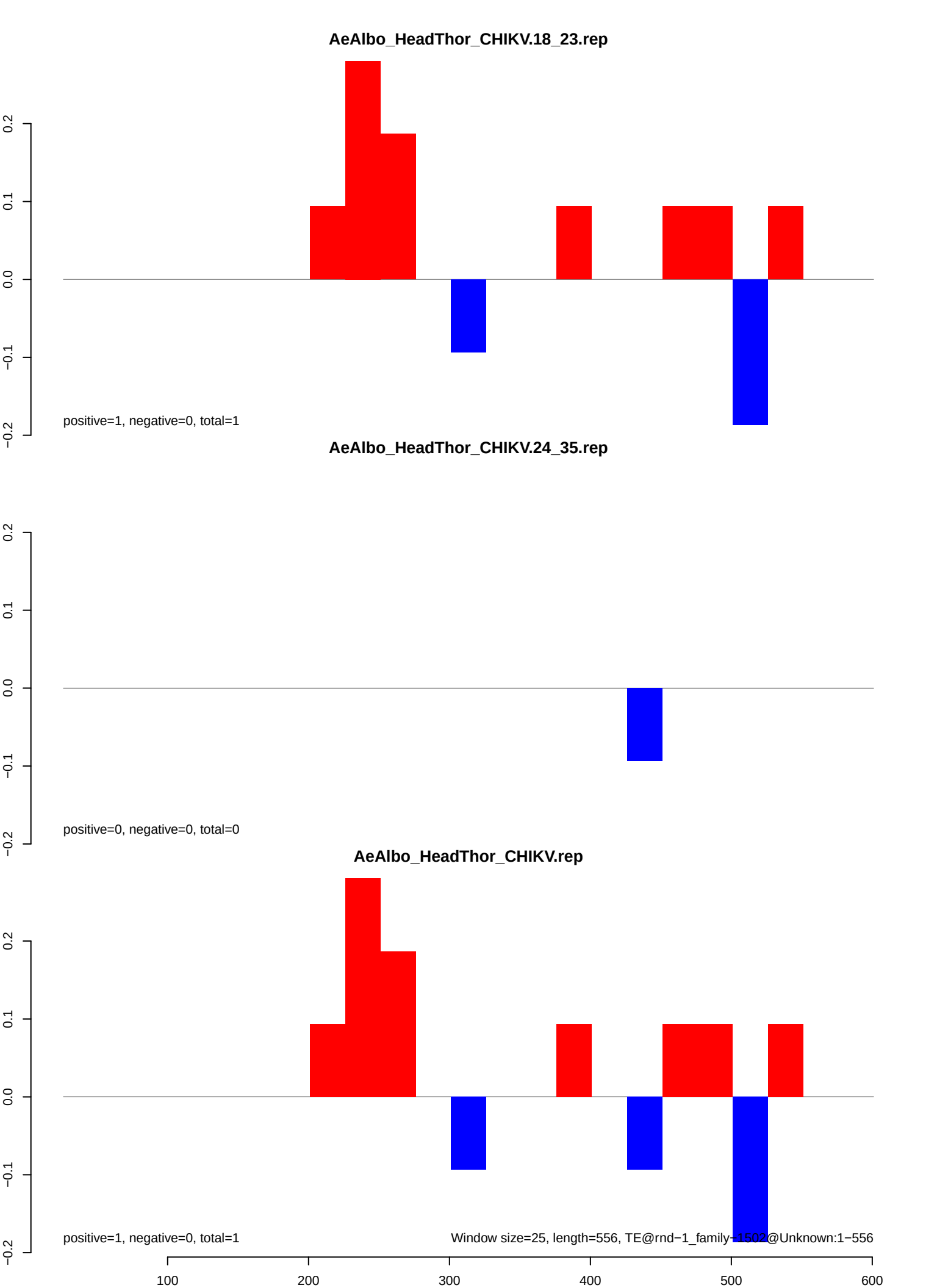

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=3
Window size=25, length=1398, TE@rnd−1_family−588@SINE_tRNA:1−1398
0
200
400
600
800
1000
1200
1400

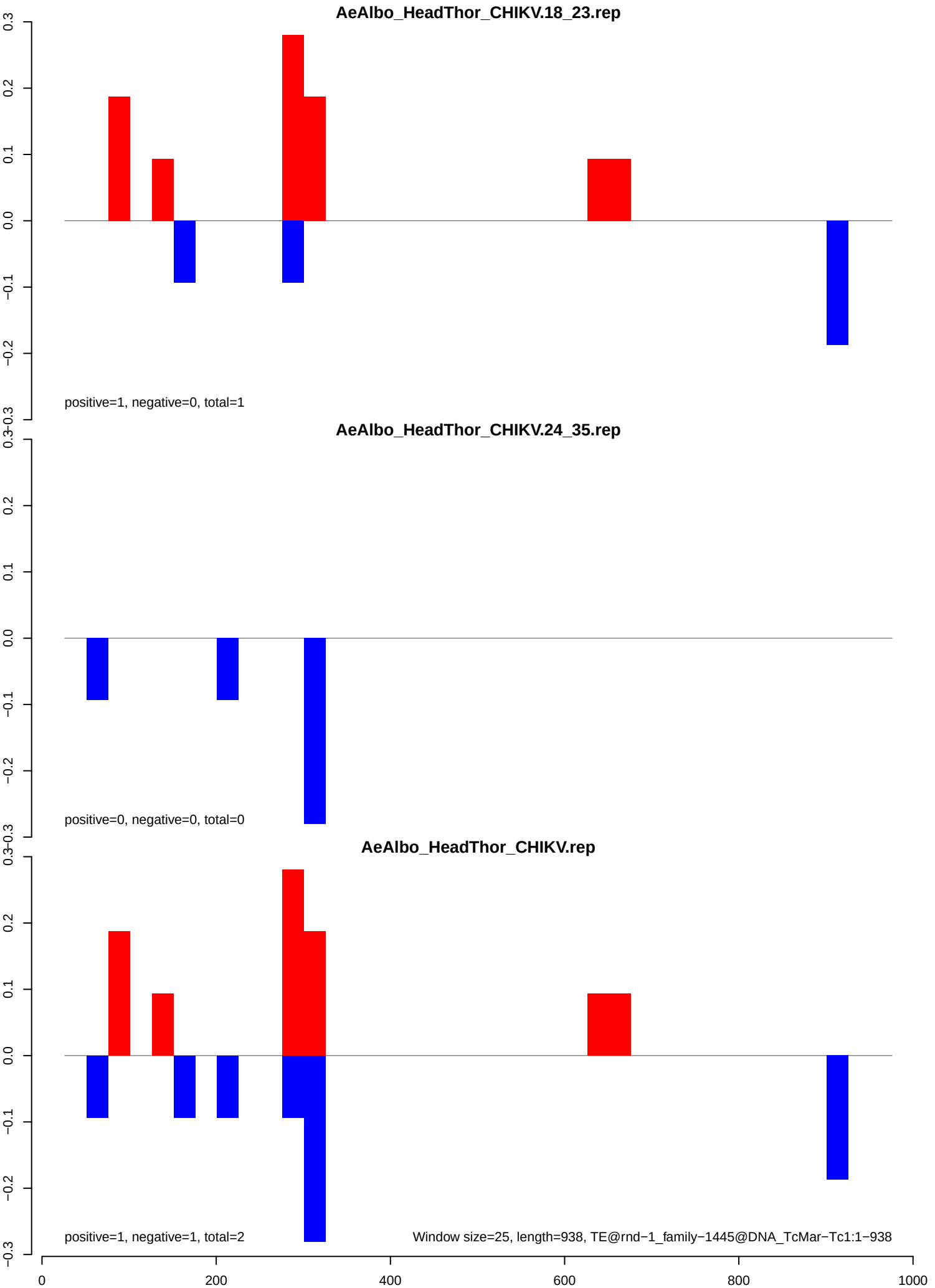

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
positive=3, negative=1, total=4

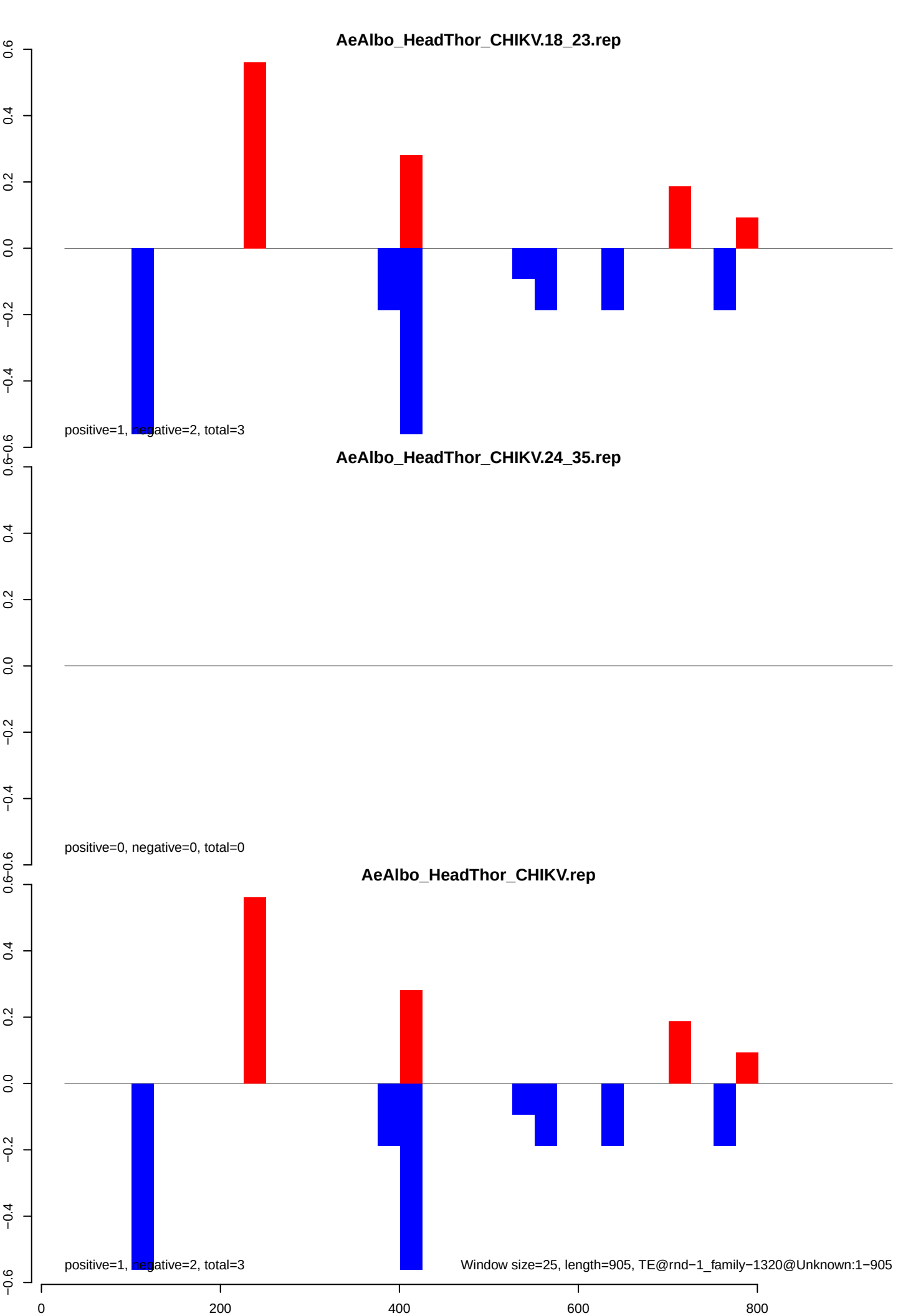

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
positive=0, negative=0, total=0

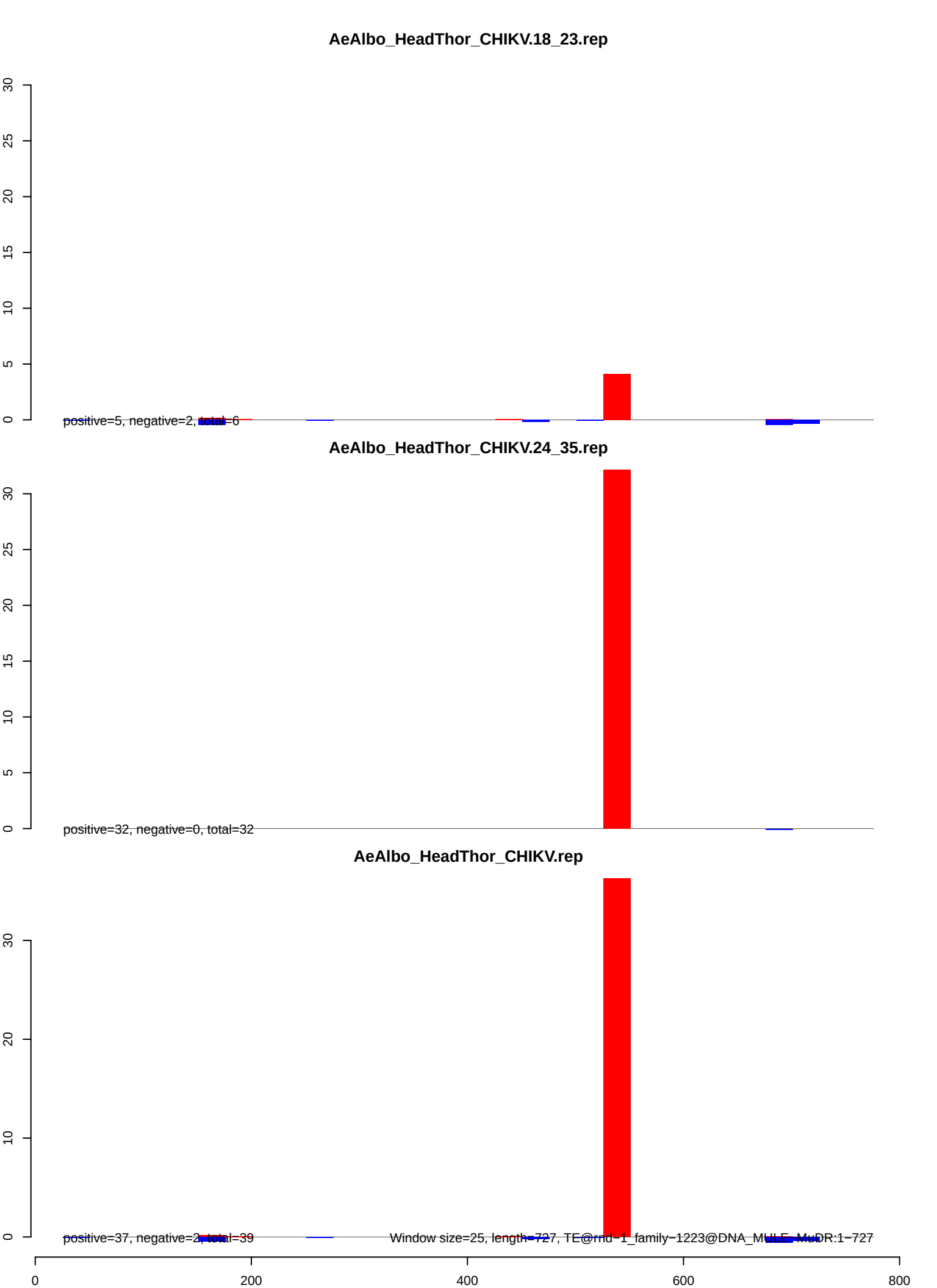

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
positive=3, negative=1, total=4
Window size=25, length=883, TE@rnd−1_family−532@DNA_CMC−Transib:1−883
0
200
400
600
800

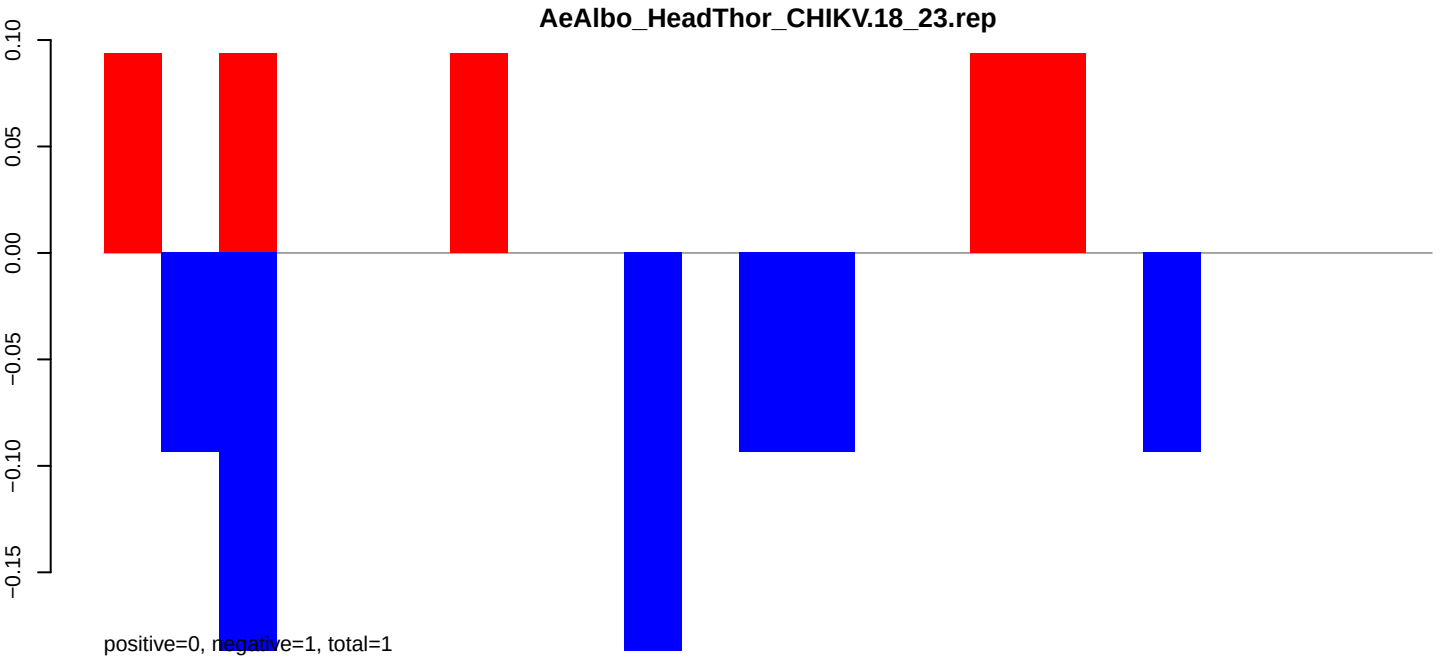

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=1, total=2
Window size=25, length=867, TE@rnd−1_family−331@LINE_R1:1−867
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=556, TE@rnd−1_family−1502@Unknown:1−556
100
200
300
400
500
600

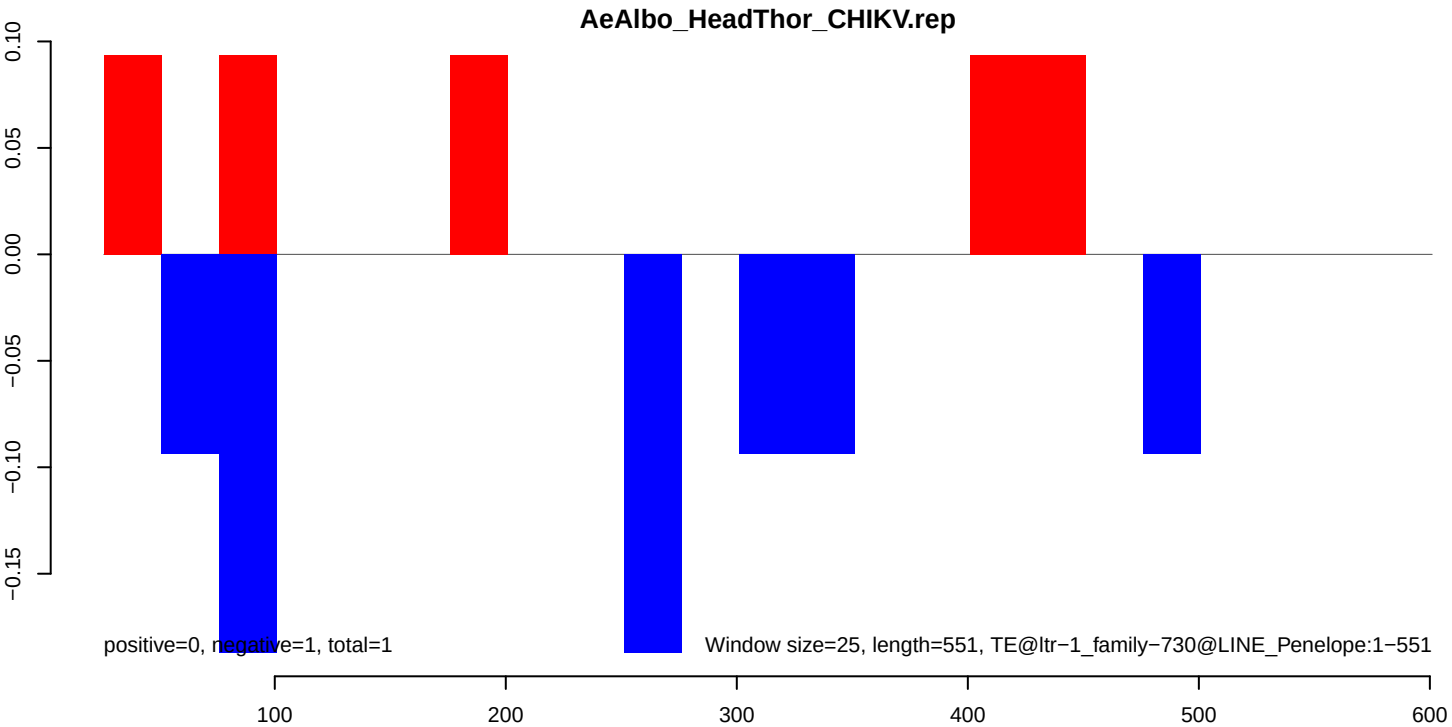

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=938, TE@rnd−1_family−1445@DNA_TcMar−Tc1:1−938
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
200
400
600
800
1000

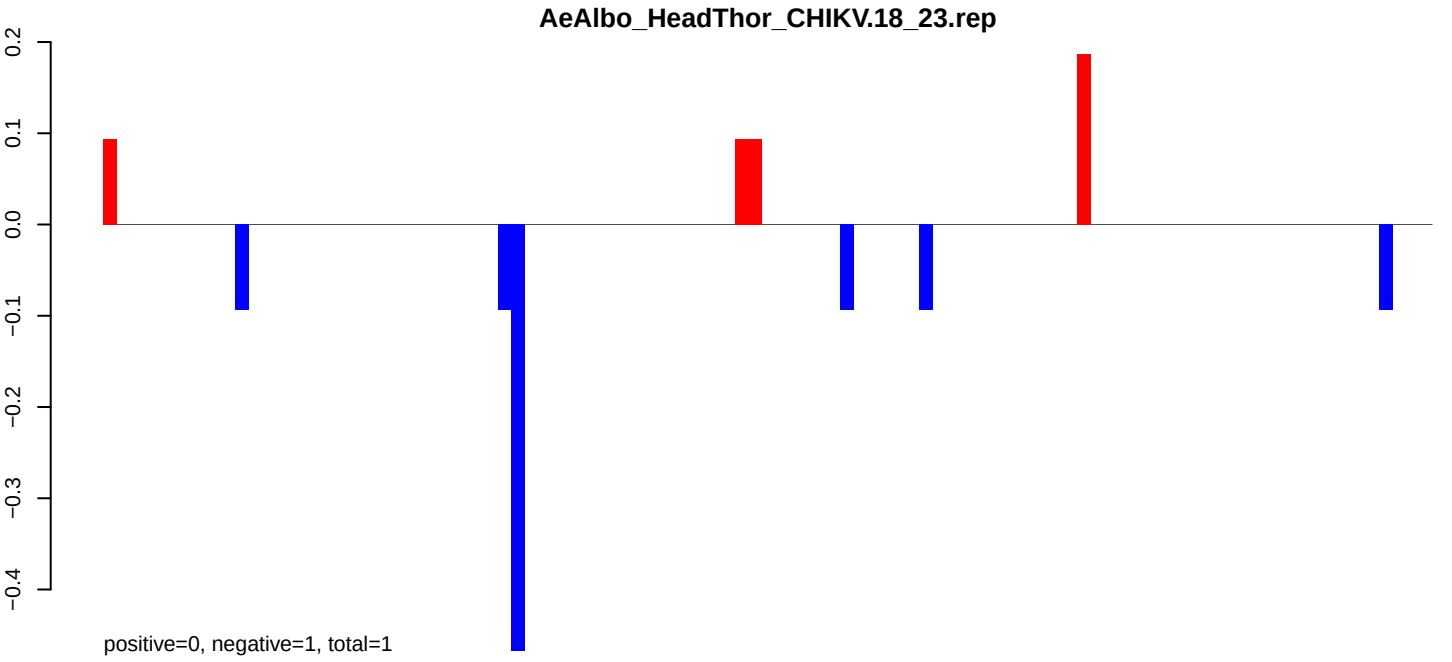

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=905, TE@rnd−1_family−1320@Unknown:1−905
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
200
400
600
800

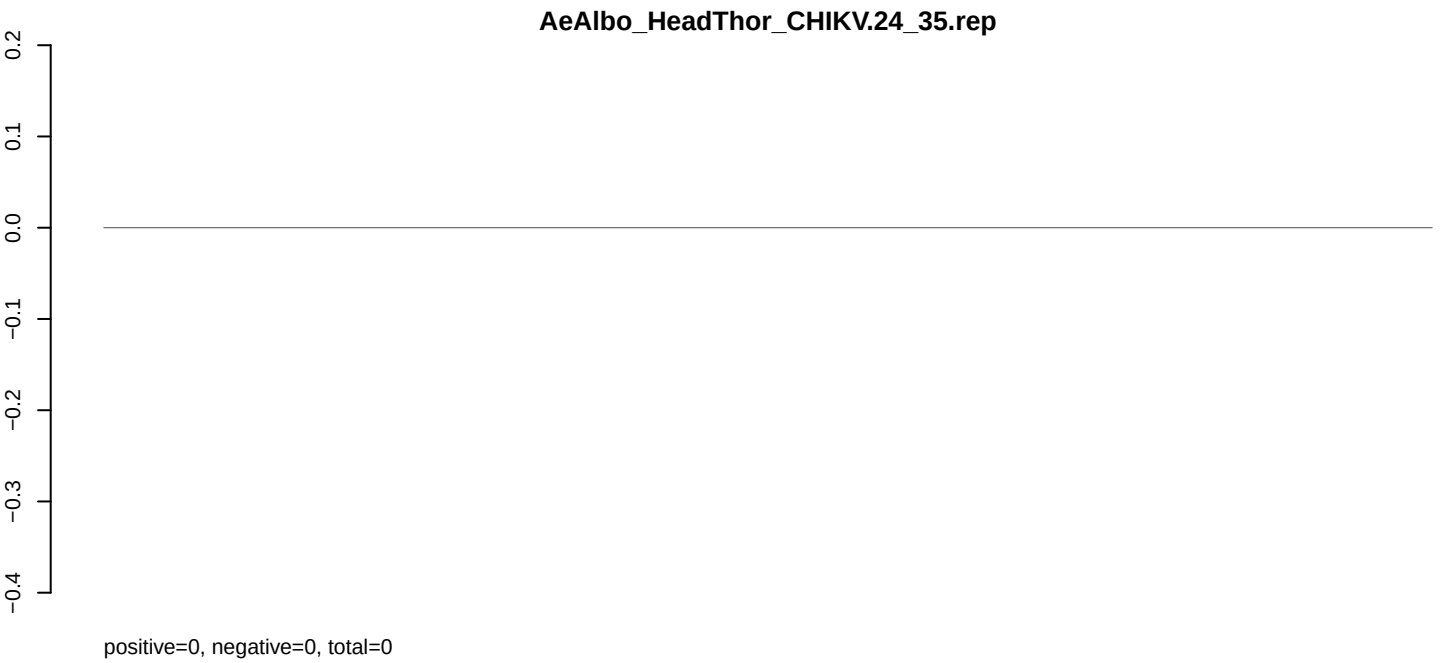

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=32, negative=0, total=32
AeAlbo_HeadThor_CHIKV.rep
positive=37, negative=2, total=39
Window size=25, length=727, TE@rnd−1_family−1223@DNA_MULE_MuDR:1−727
0
5
10
15
20
25
30
0
200
400
600
800

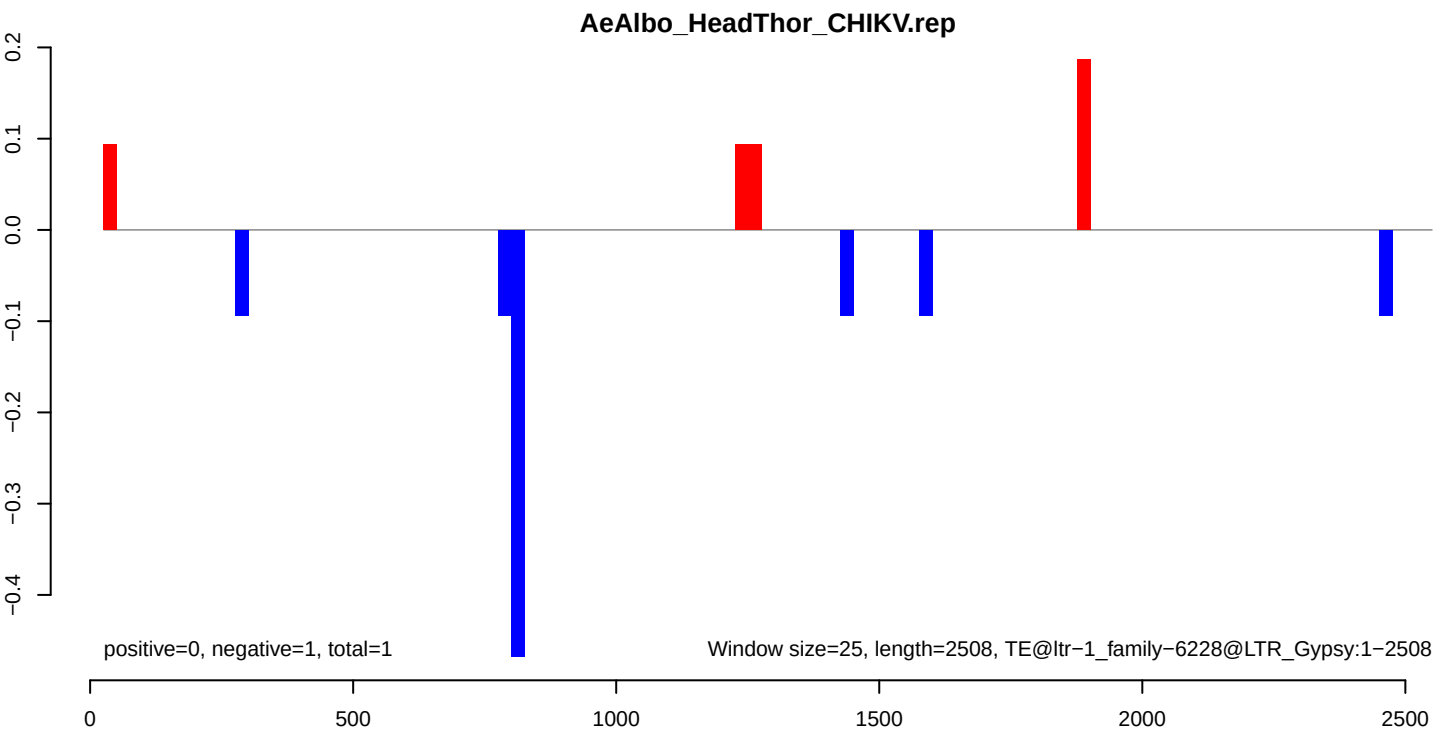

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1

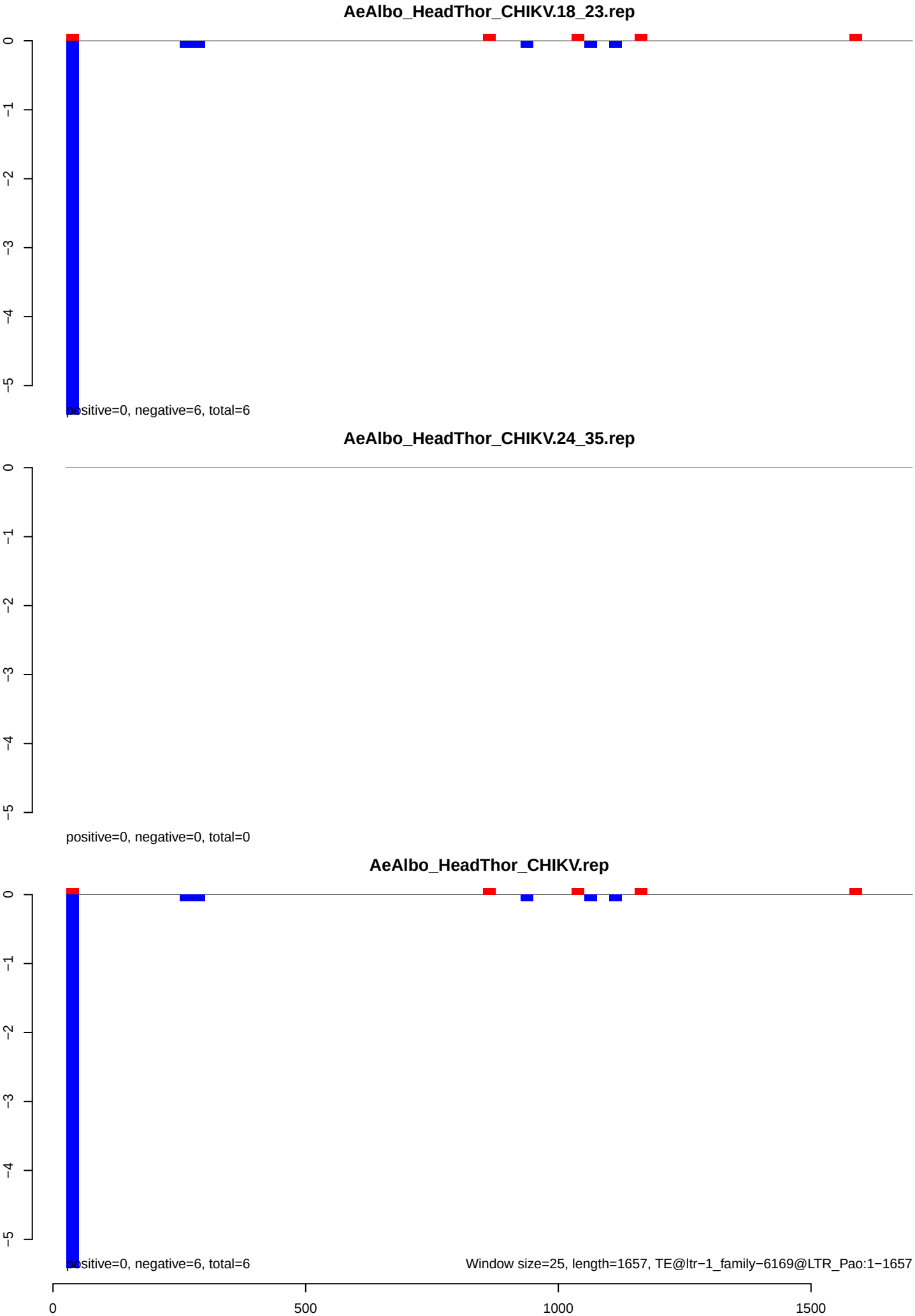
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

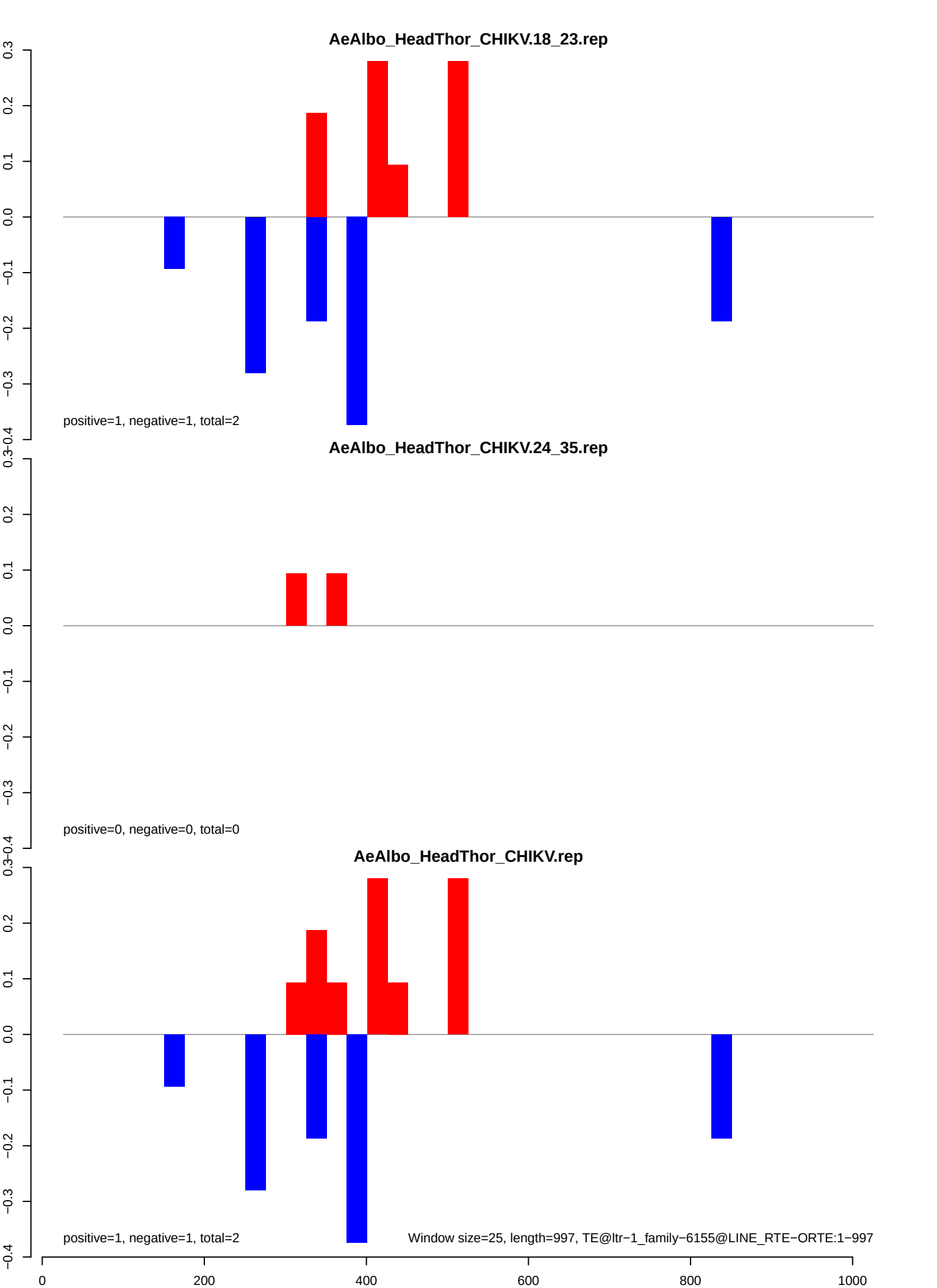

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=551, TE@ltr−1_family−730@LINE_Penelope:1−551
100
200
300
400
500
600

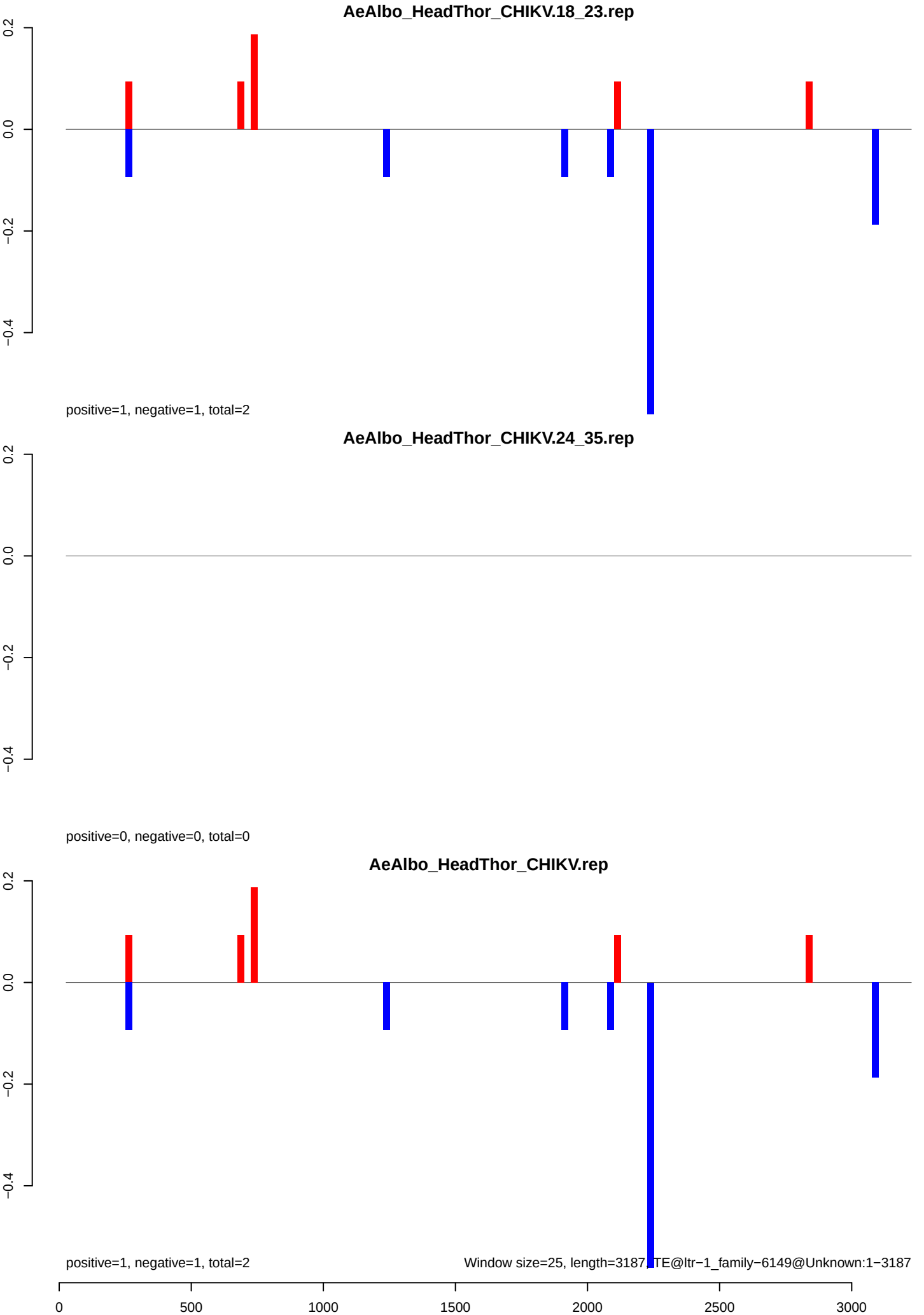

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1

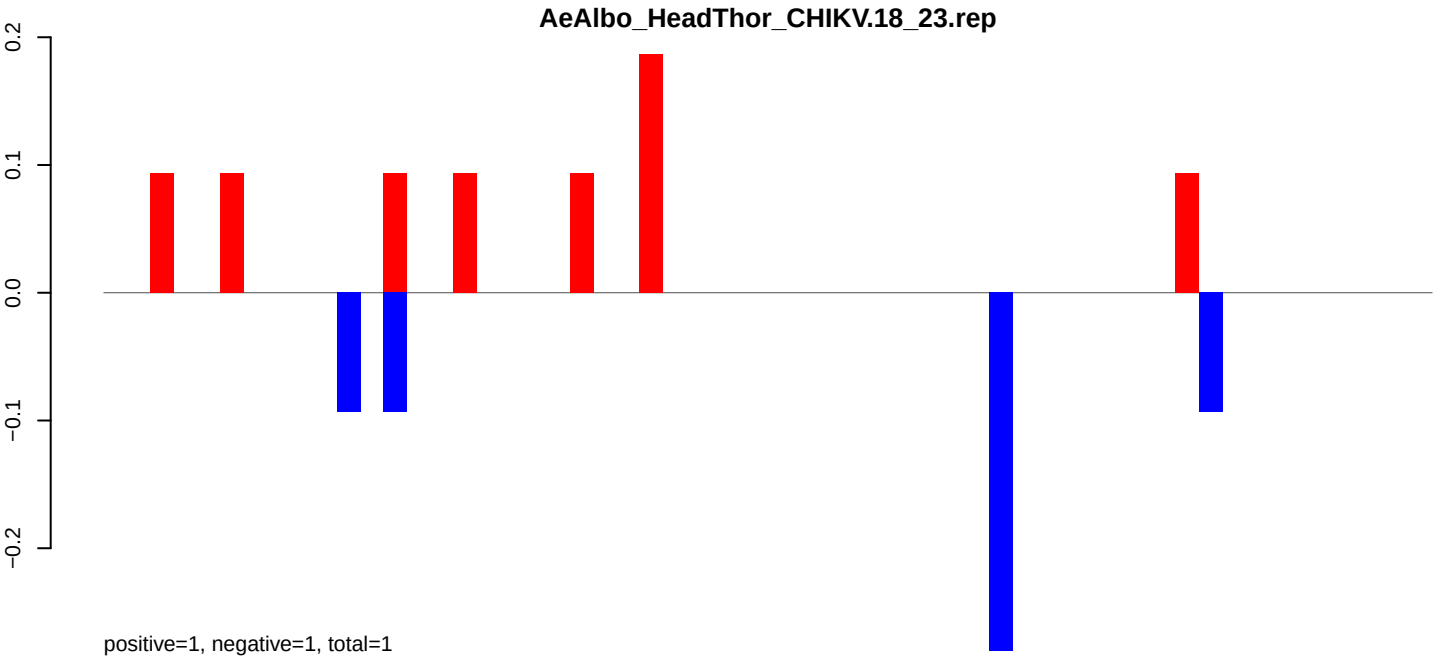

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=2508, TE@ltr−1_family−6228@LTR_Gypsy:1−2508
0
500
1000
1500
2000
2500

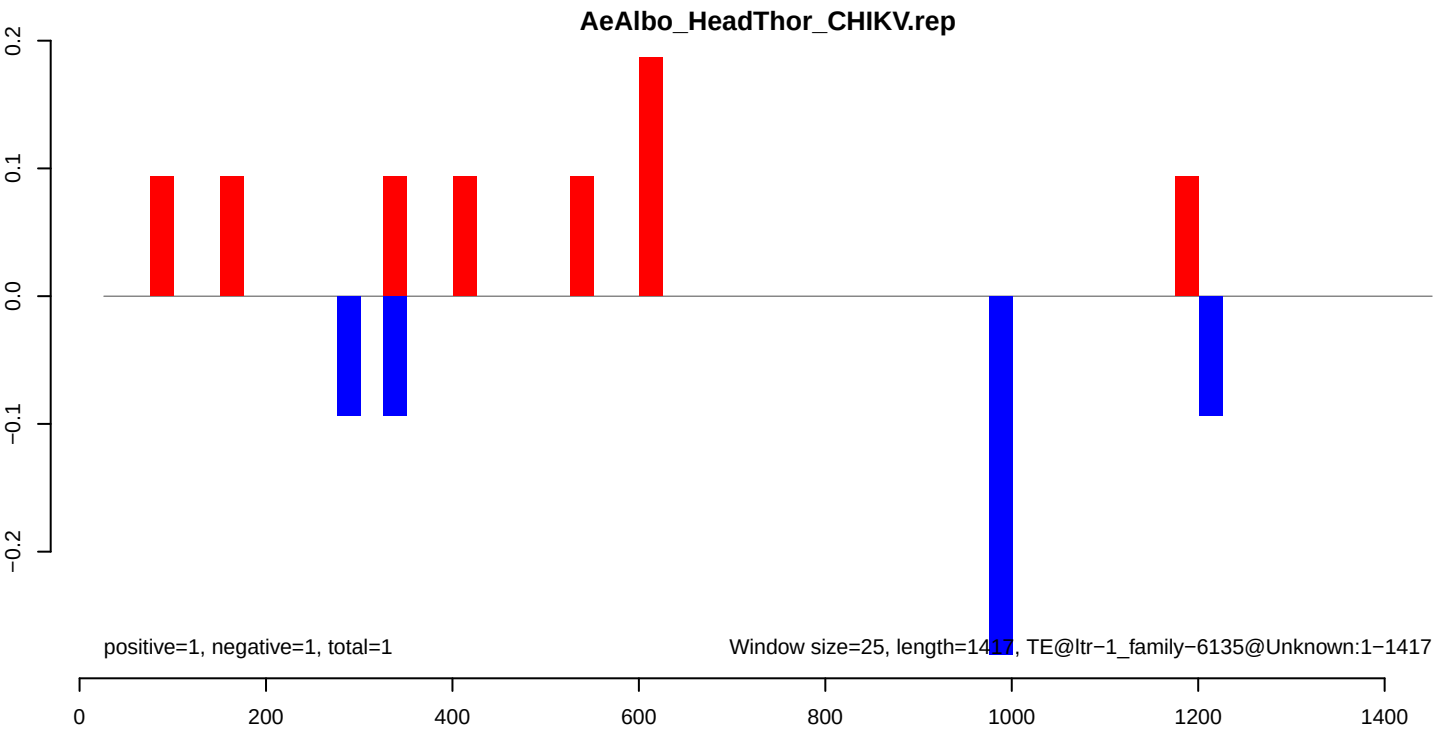

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=0, negative=6, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=0, negative=6, total=6
Window size=25, length=1657, TE@ltr−1_family−6169@LTR_Pao:1−1657
0
500
1000
1500

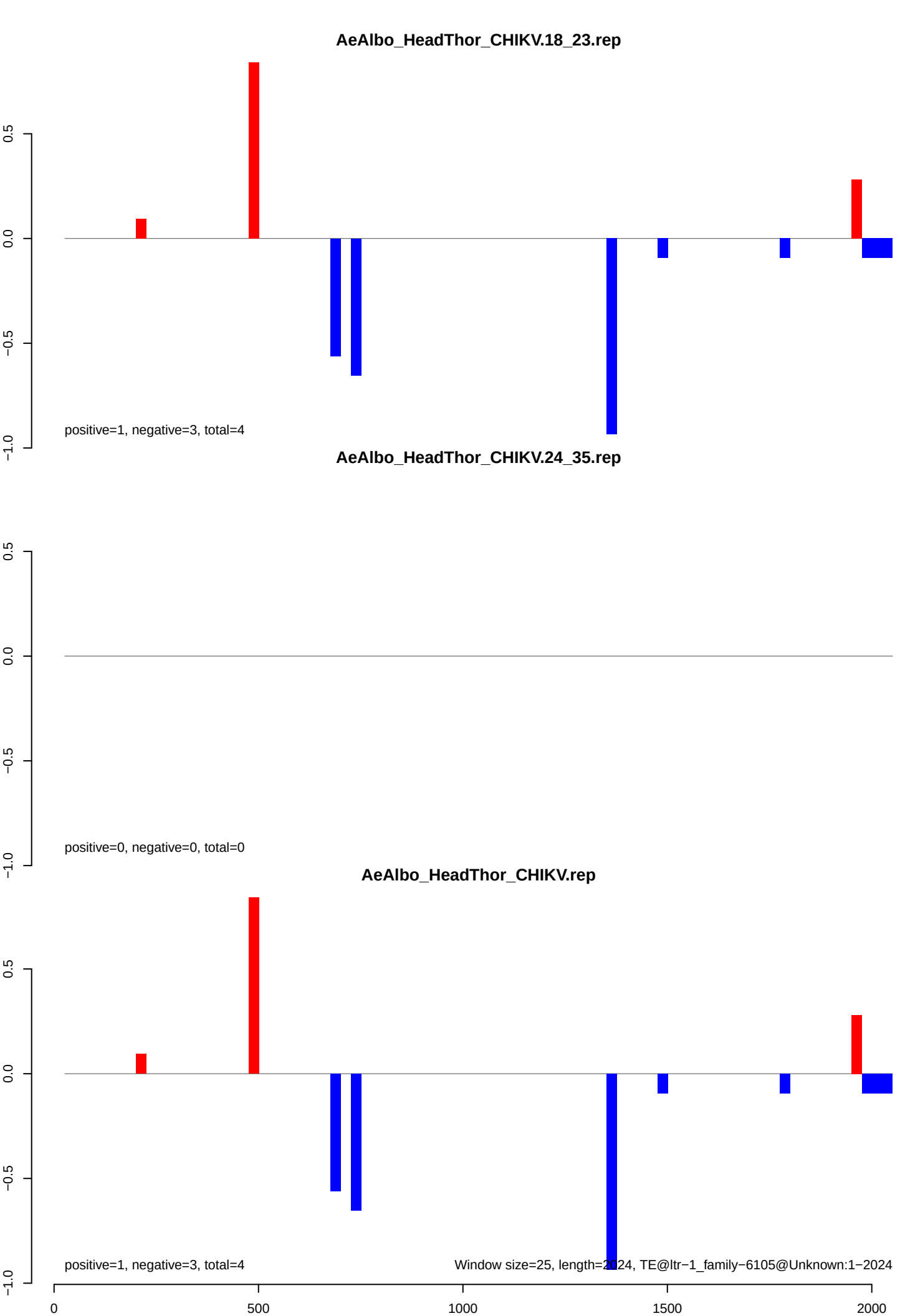

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=997, TE@ltr−1_family−6155@LINE_RTE−ORTE:1−997
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
200
400
600
800
1000

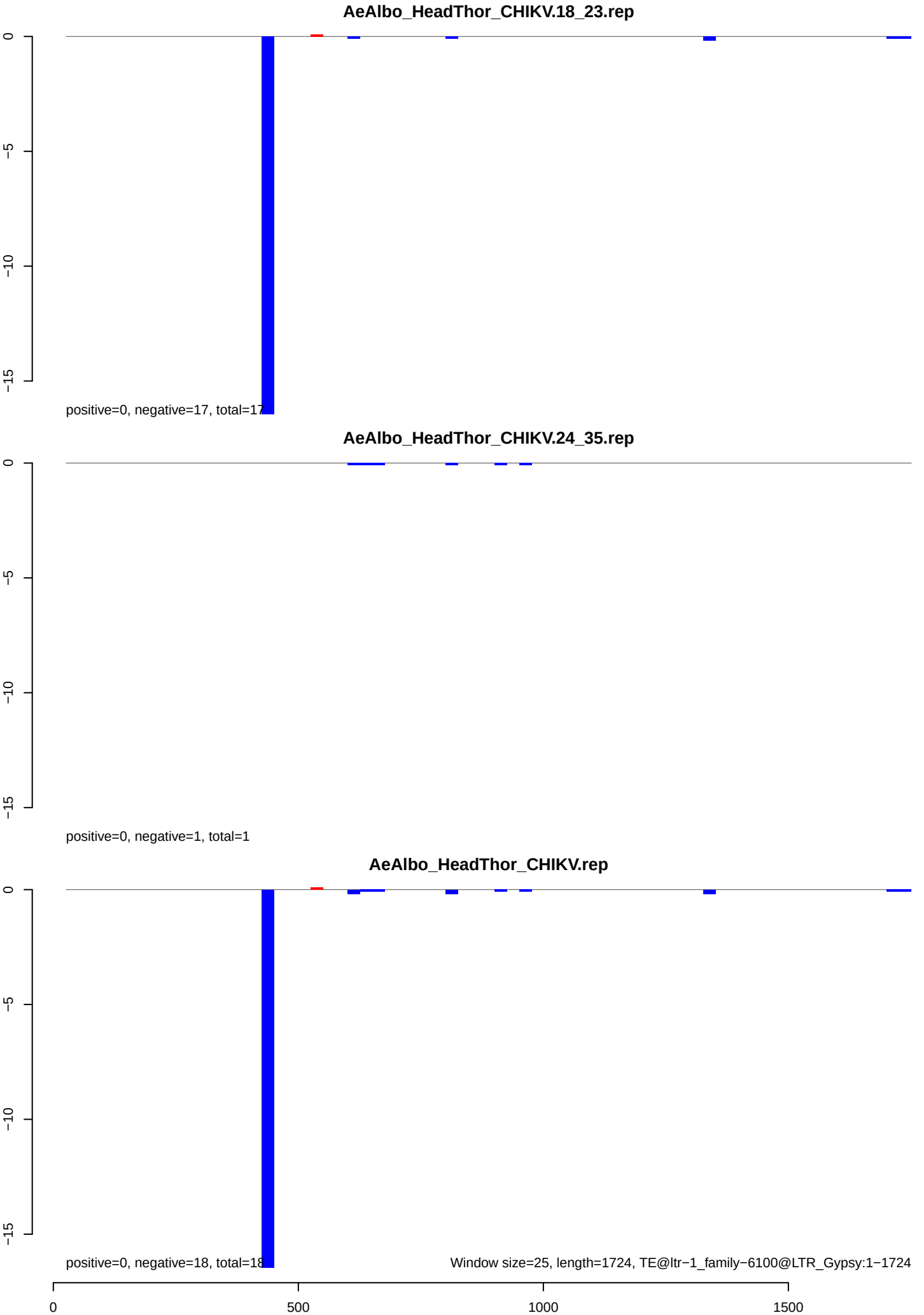

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=3187, TE@ltr−1_family−6149@Unknown:1−3187
0
500
1000
1500
2000
2500
3000

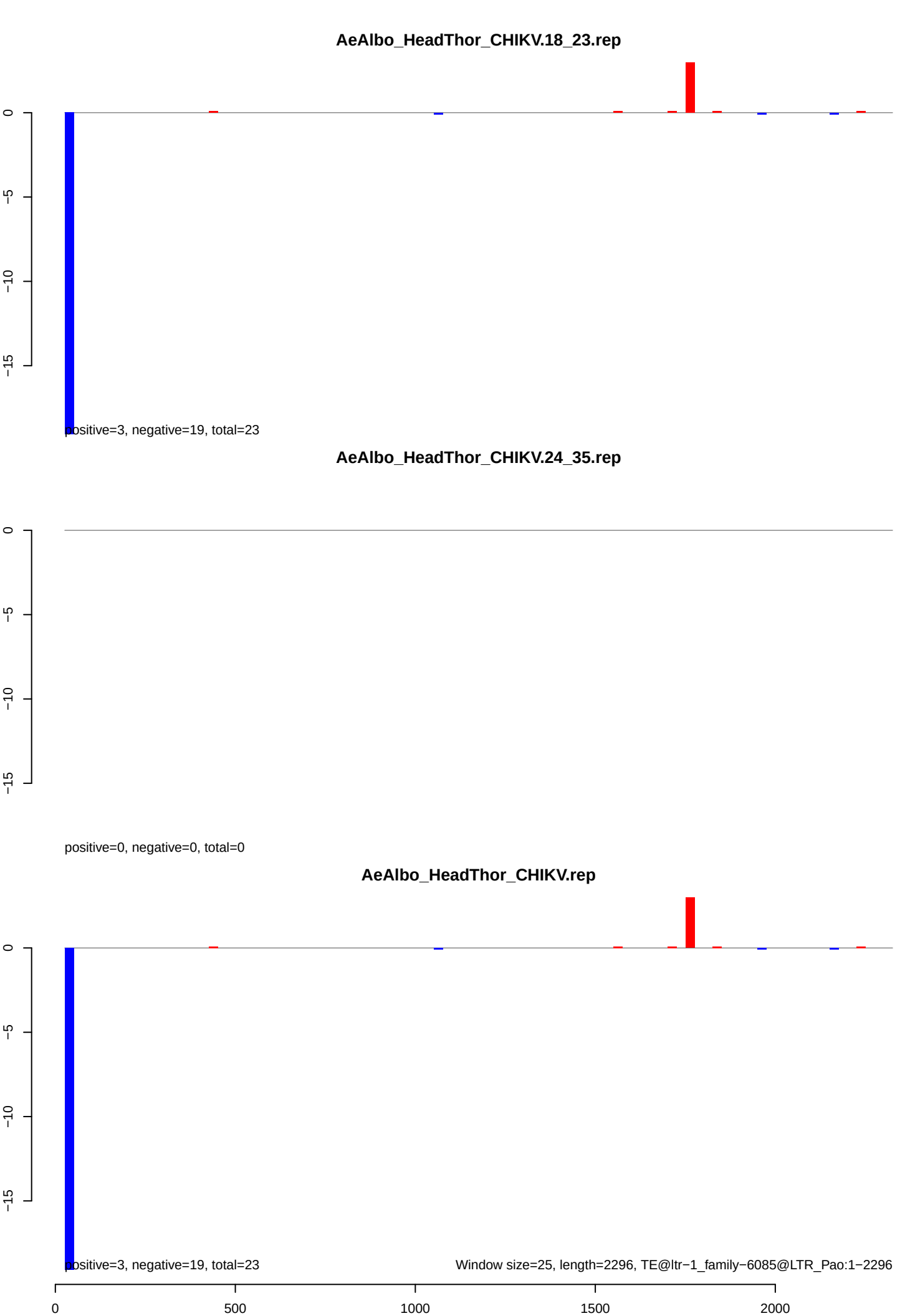

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1

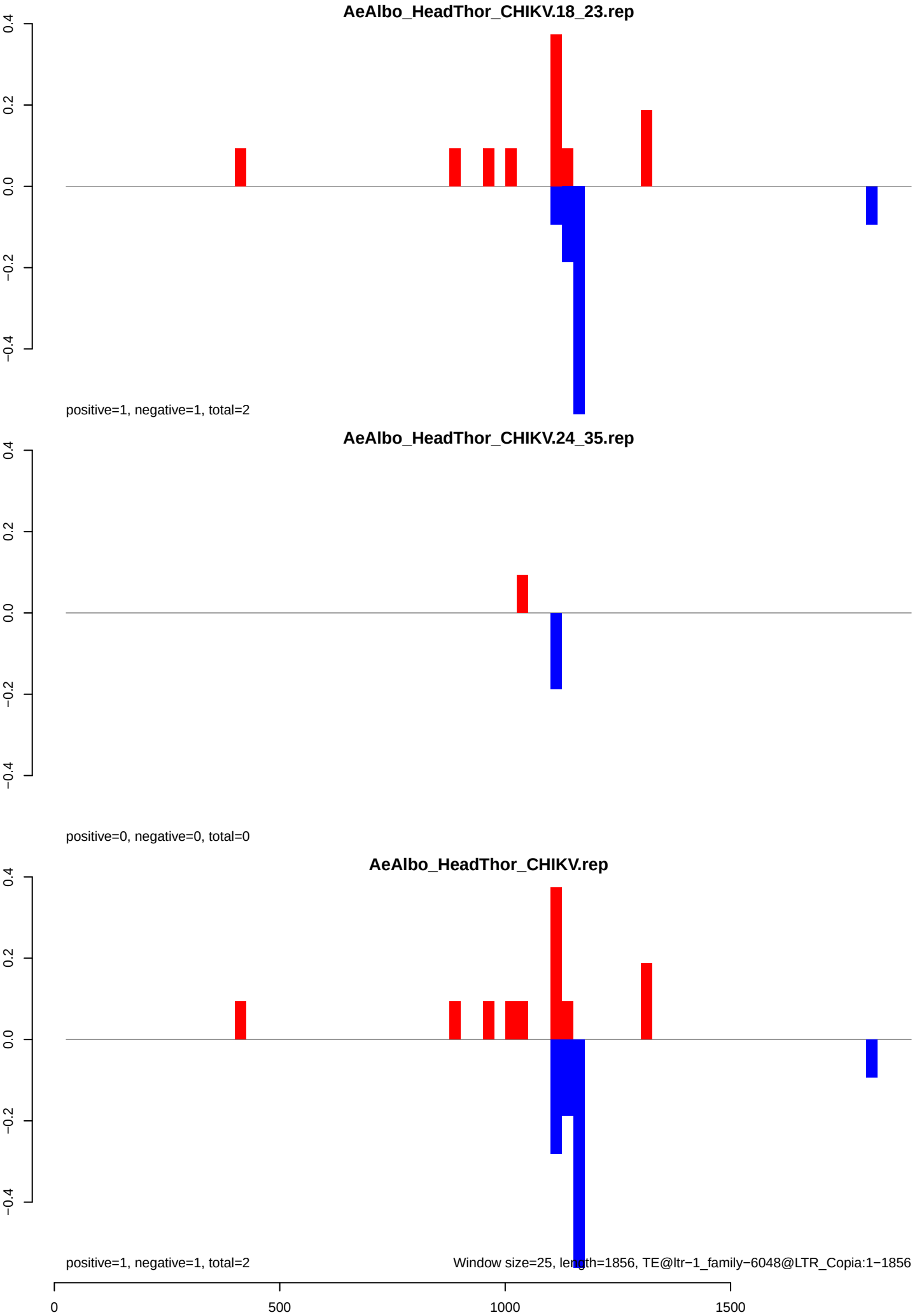
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

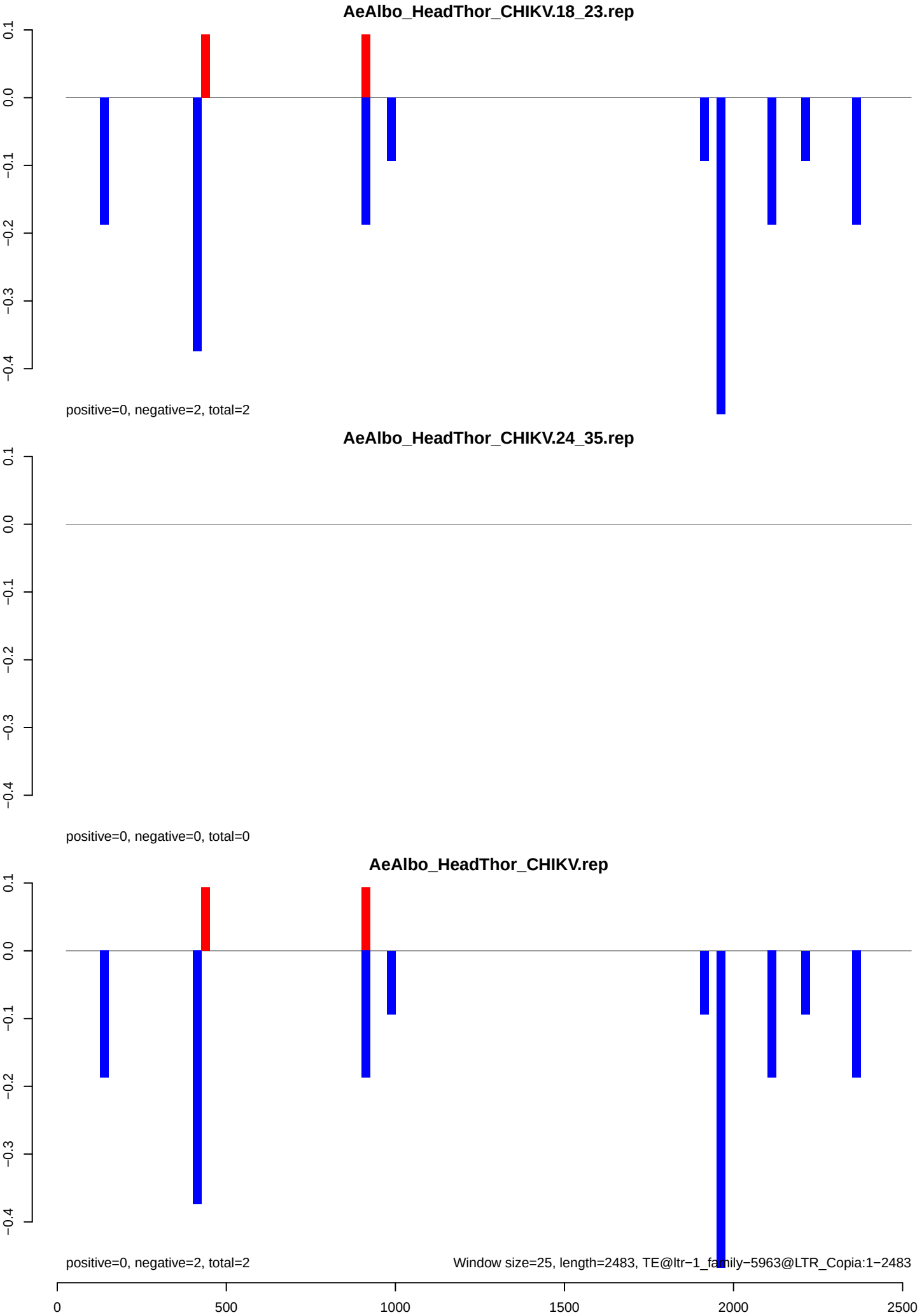

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
Window size=25, length=1417, TE@ltr−1_family−6135@Unknown:1−1417
0
200
400
600
800
1000
1200
1400

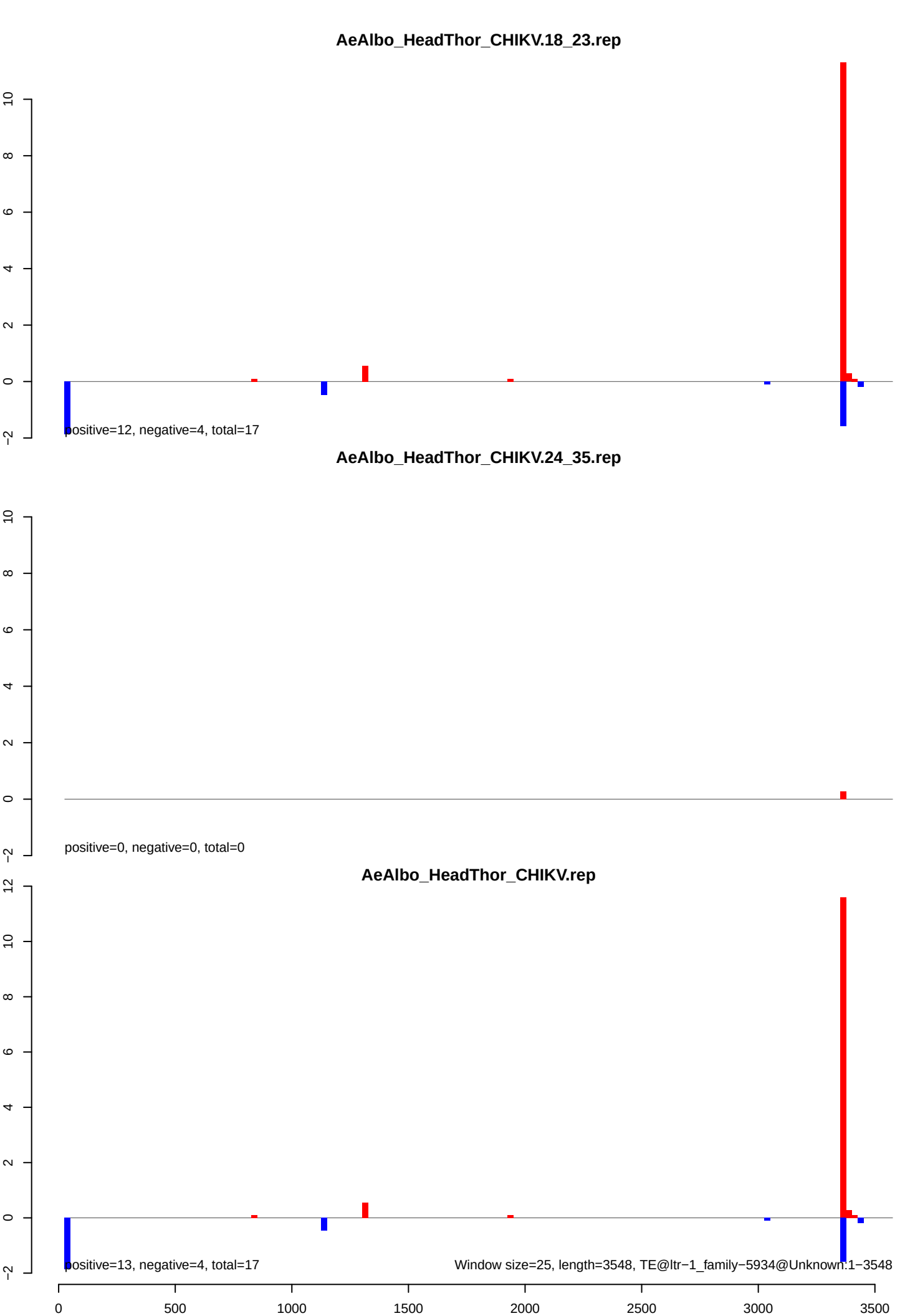

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
positive=1, negative=3, total=4
Window size=25, length=2024, TE@ltr−1_family−6105@Unknown:1−2024
0
500
1000
1500
2000

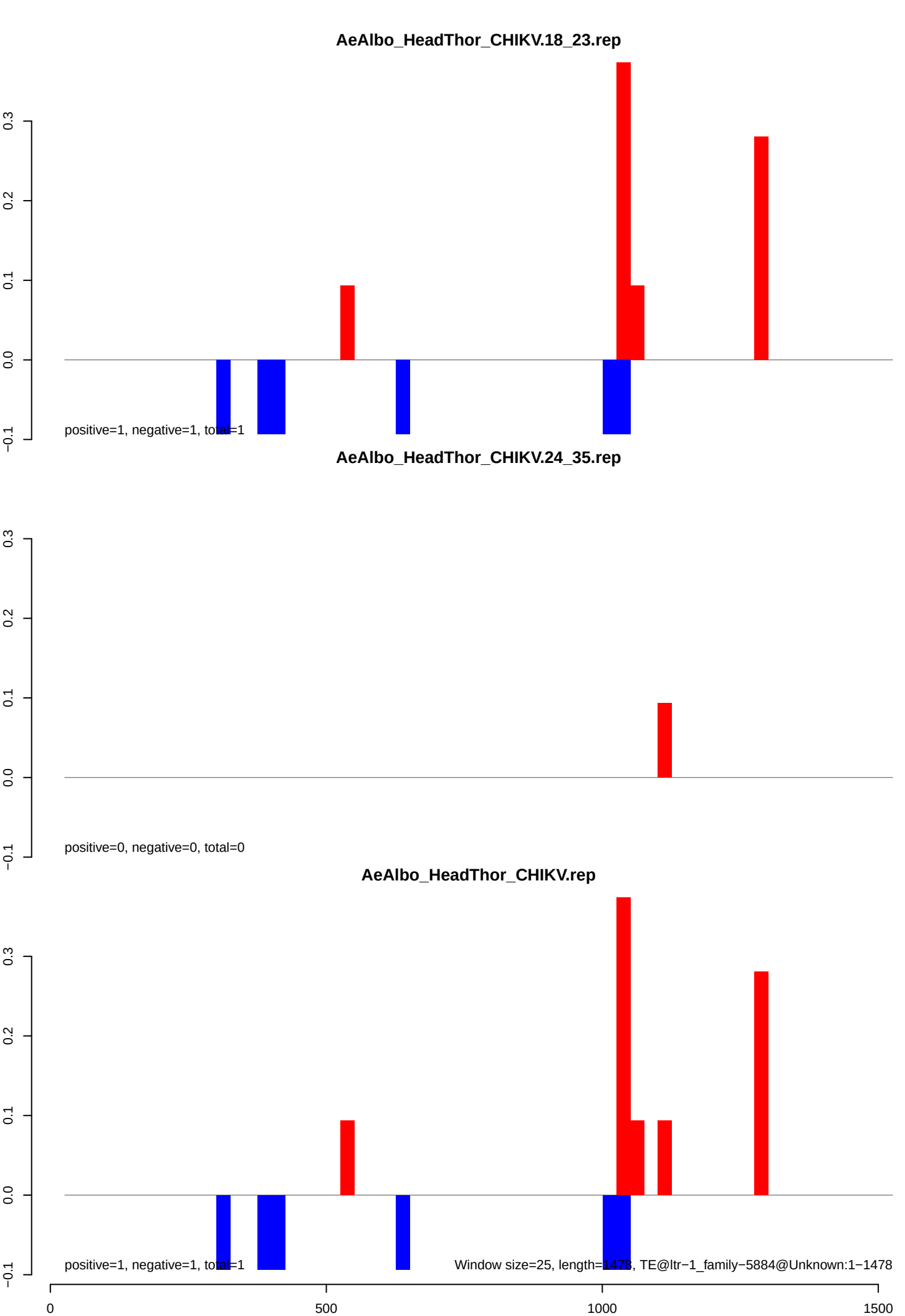

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=0, negative=17, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=18, total=18
Window size=25, length=1724, TE@ltr−1_family−6100@LTR_Gypsy:1−1724
0
500
1000
1500

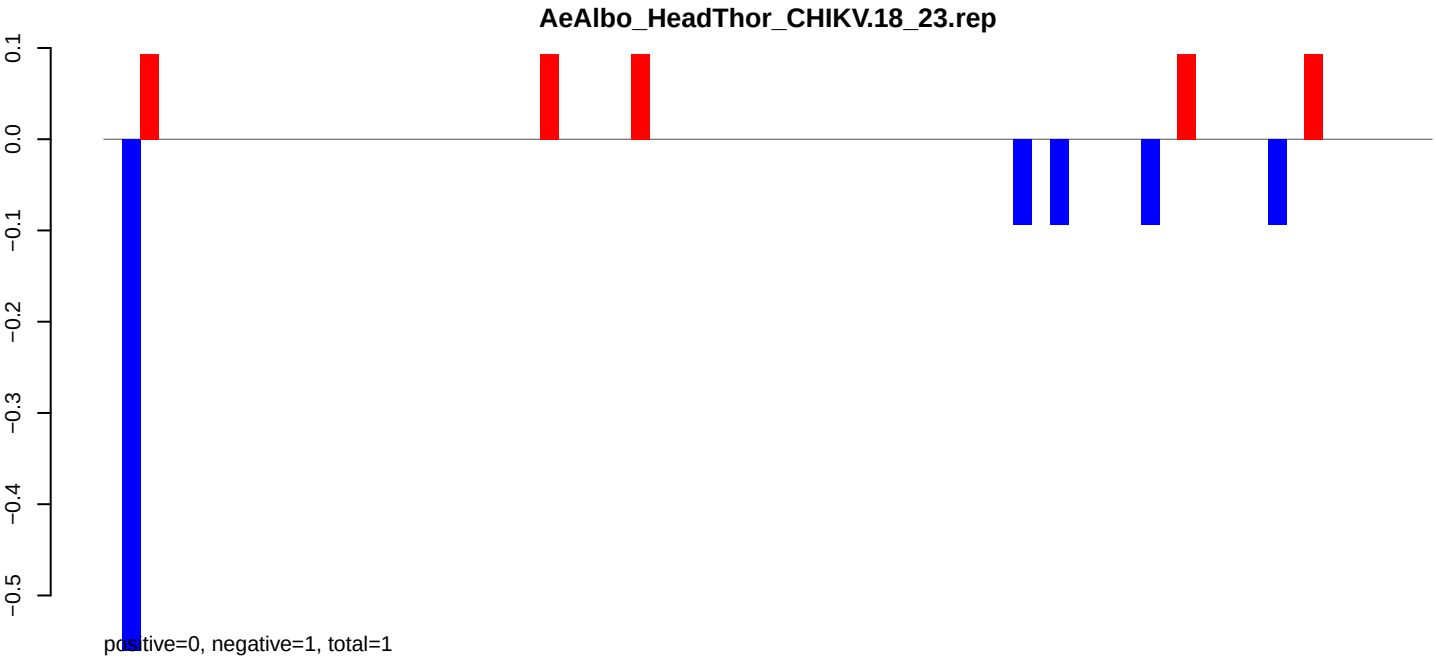

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=3, negative=19, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=3, negative=19, total=23
Window size=25, length=2296, TE@ltr−1_family−6085@LTR_Pao:1−2296
0
500
1000
1500
2000

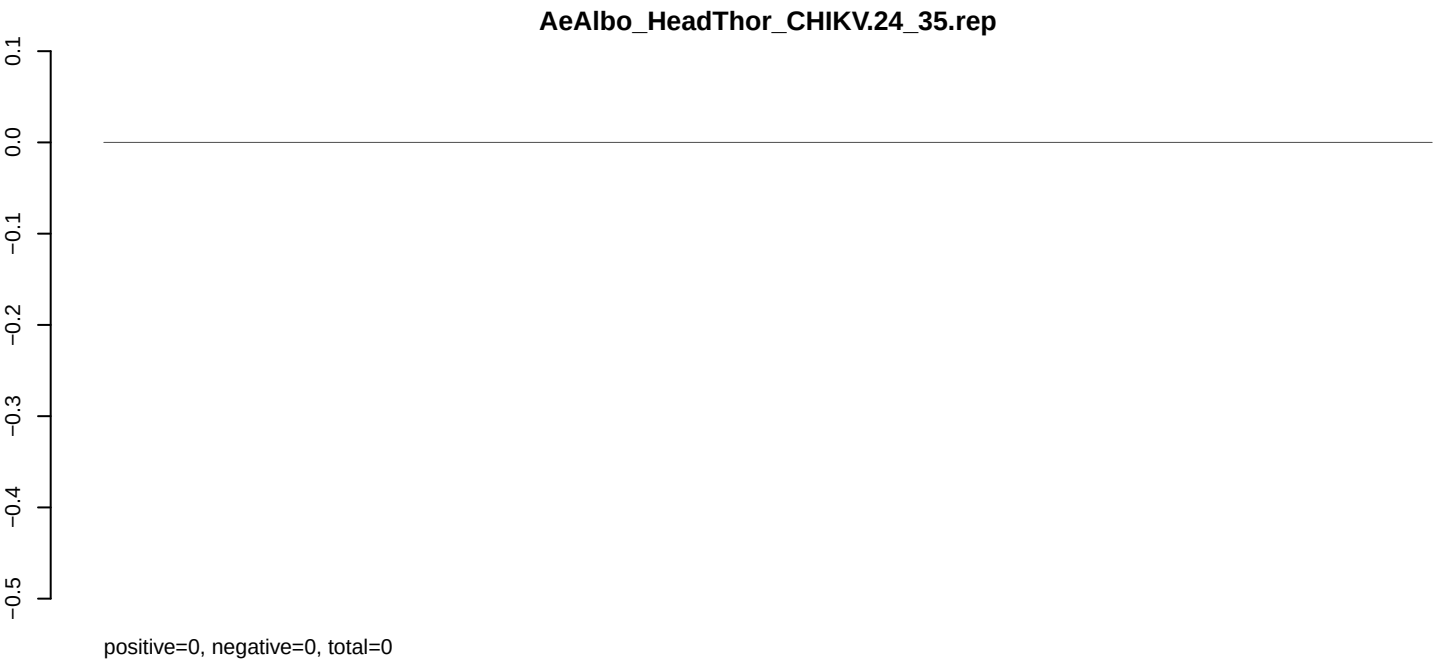

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=1856, TE@ltr−1_family−6048@LTR_Copia:1−1856
0
500
1000
1500

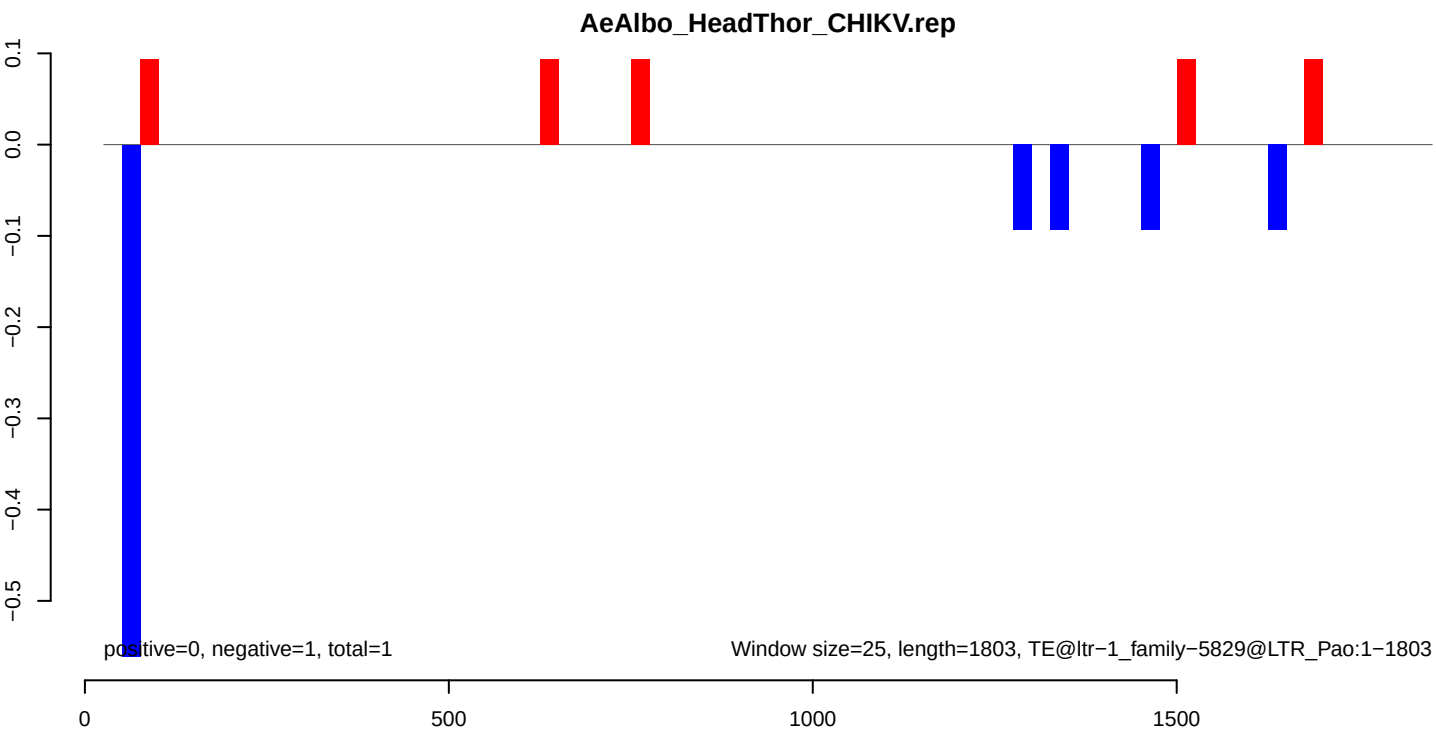

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=2, total=2
Window size=25, length=2483, TE@ltr−1_family−5963@LTR_Copia:1−2483
0
500
1000
1500
2000
2500

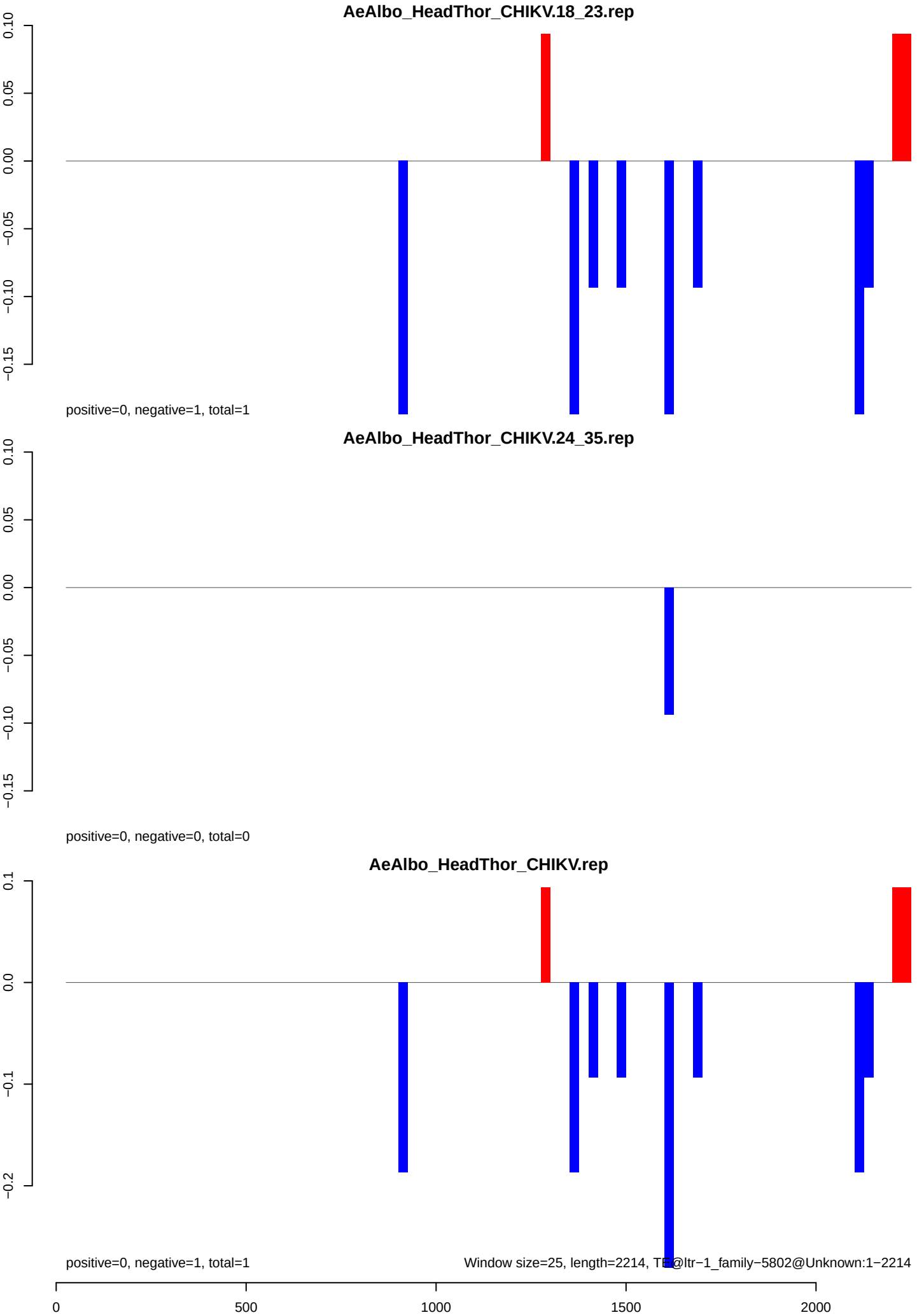

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=12, negative=4, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=13, negative=4, total=17
Window size=25, length=3548, TE@ltr−1_family−5934@Unknown:1−3548
0
500
1000
1500
2000
2500
3000
3500

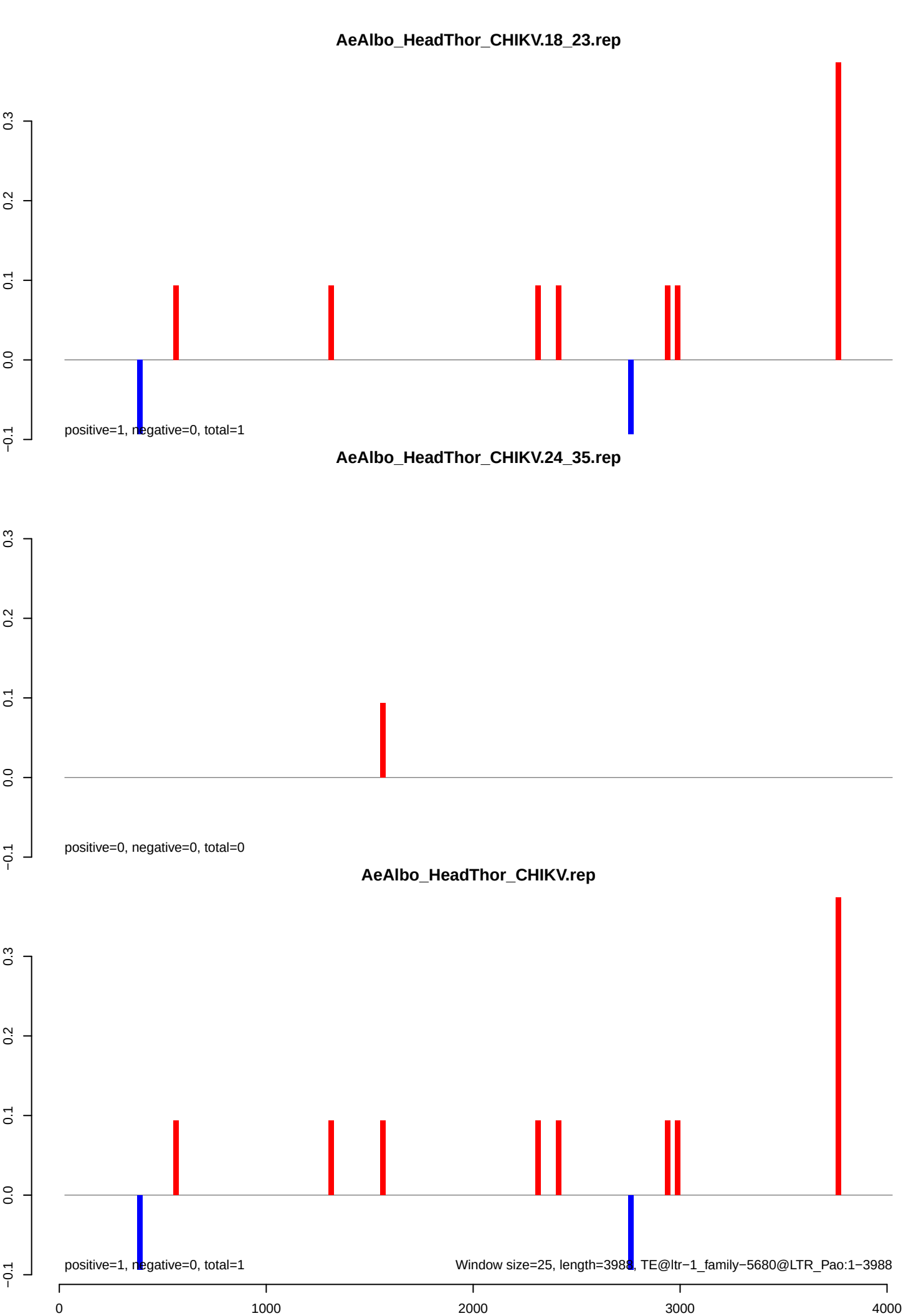

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=1, total=1
Window size=25, length=1478, TE@ltr−1_family−5884@Unknown:1−1478
0
500
1000
1500

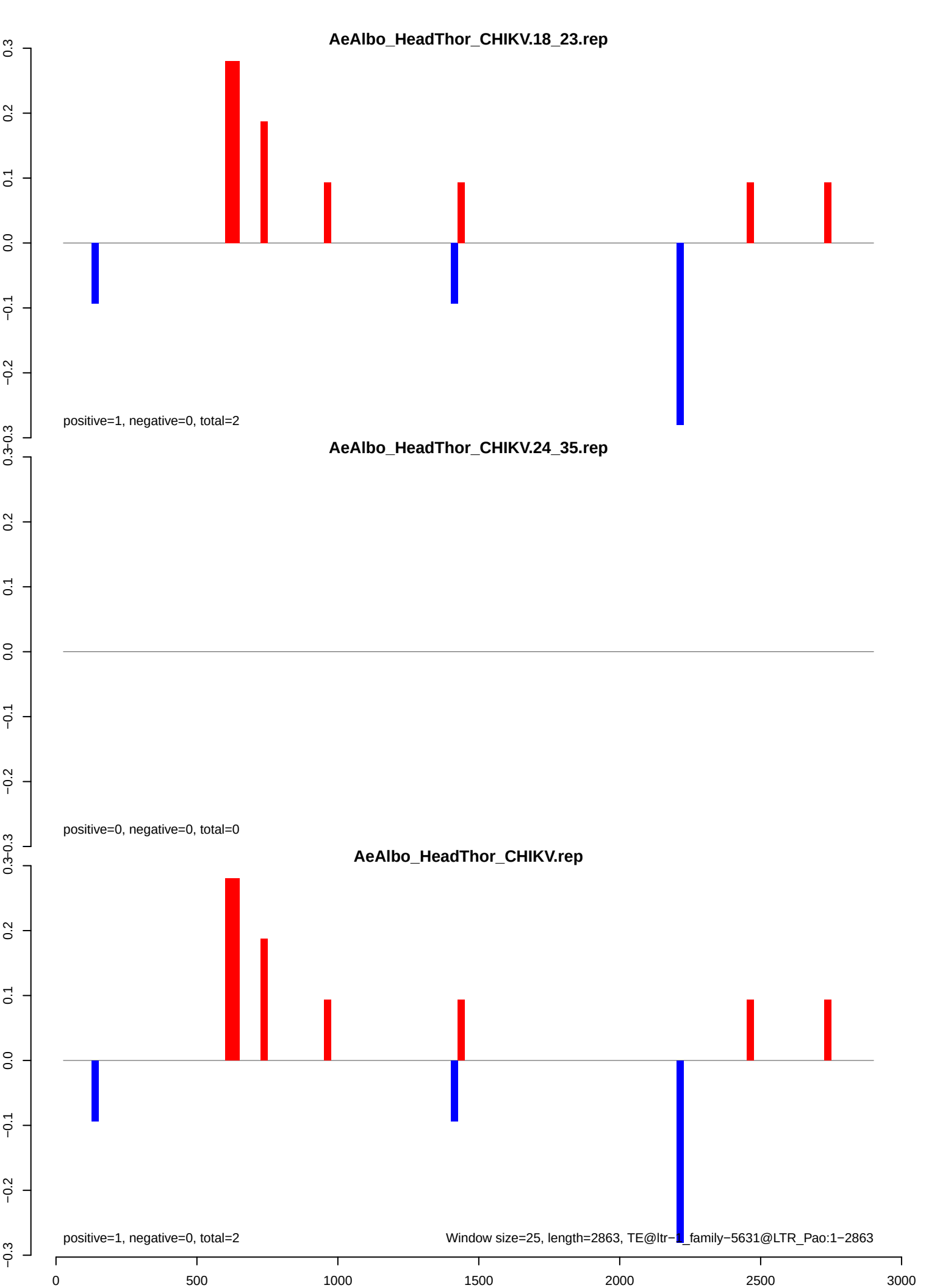

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1

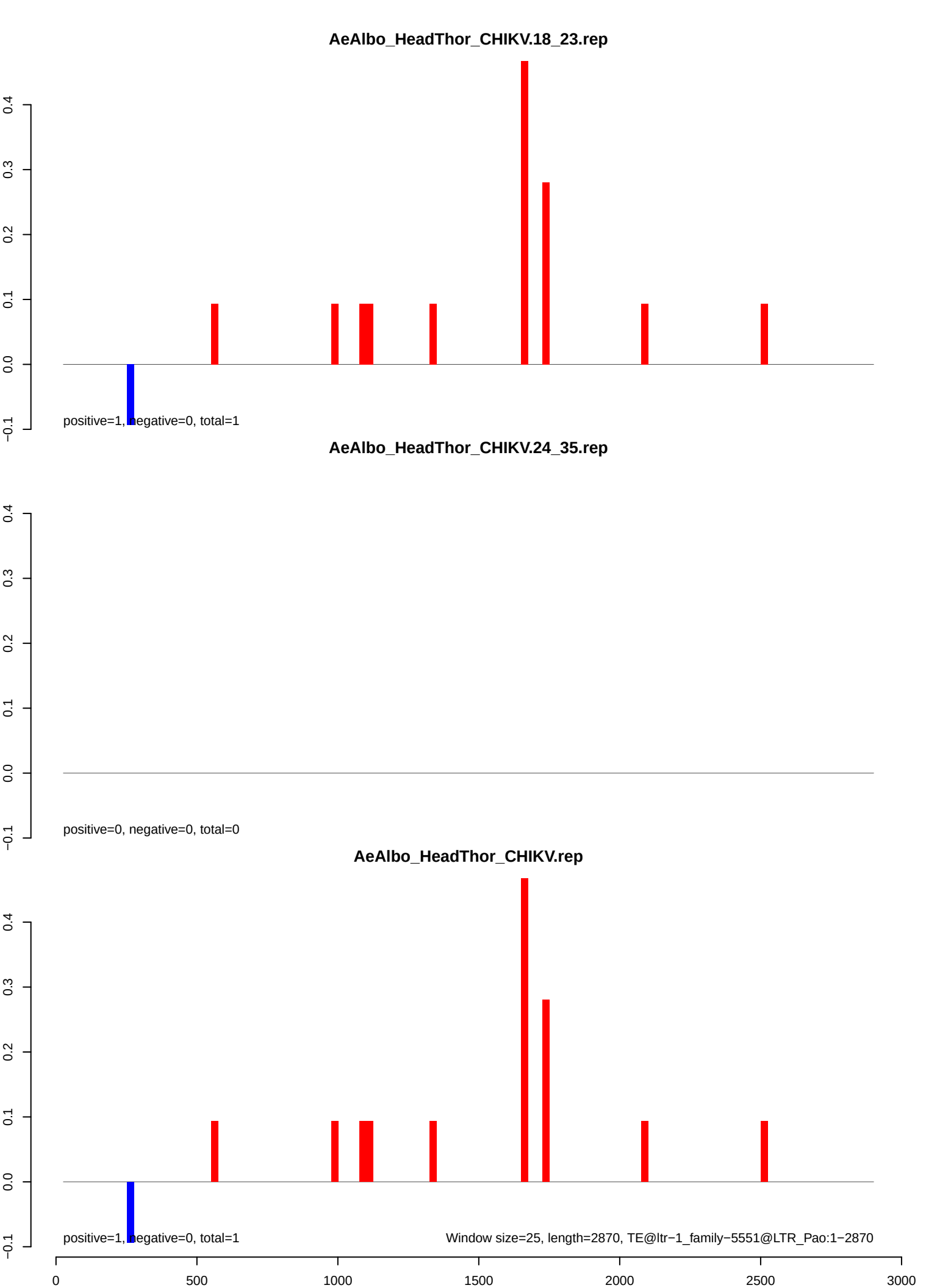

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0

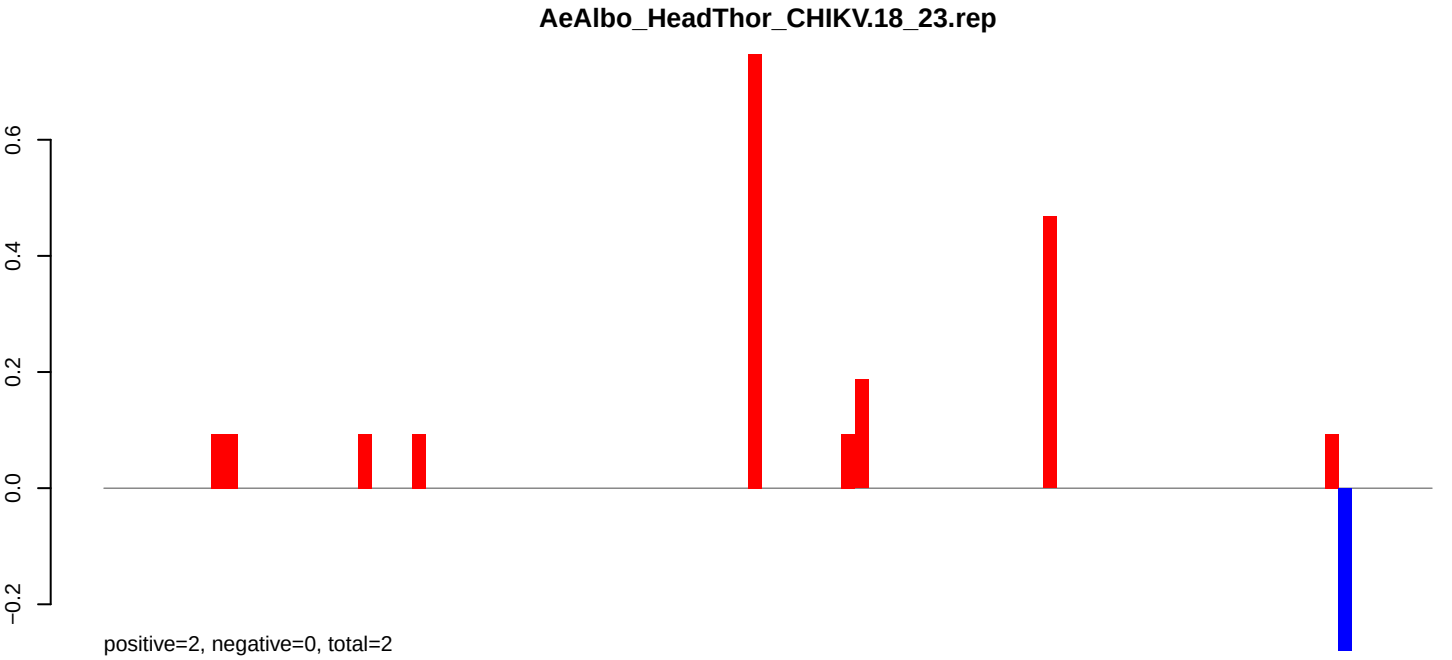

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
Window size=25, length=1803, TE@ltr−1_family−5829@LTR_Pao:1−1803
0
500
1000
1500

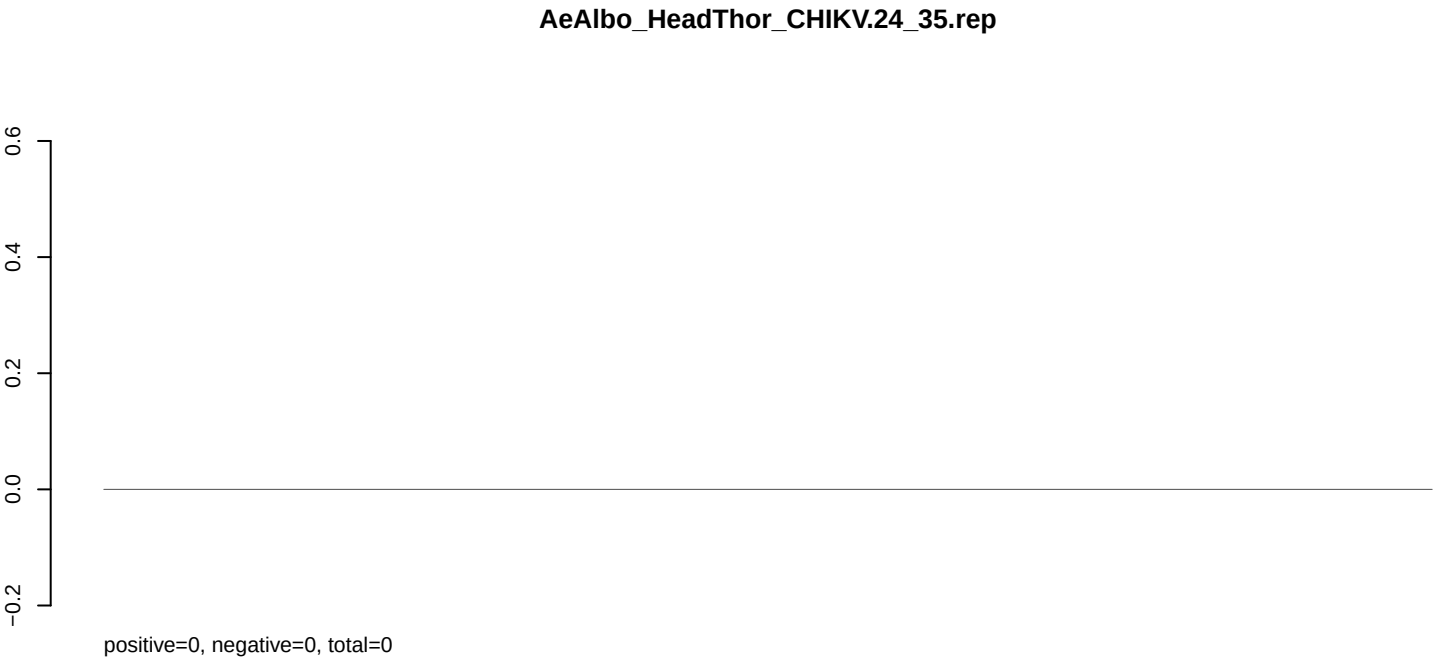

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=2214, TE@ltr−1_family−5802@Unknown:1−2214
0
500
1000
1500
2000

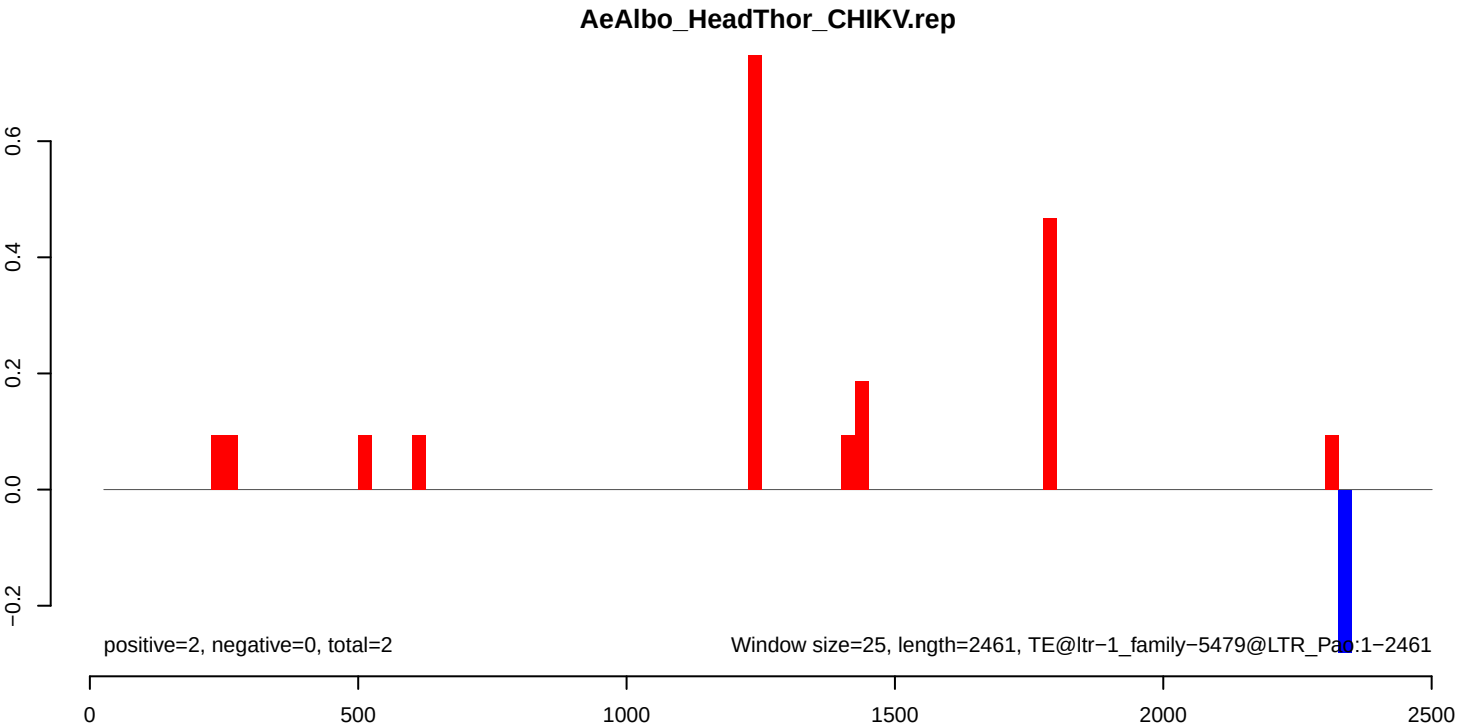

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=3988, TE@ltr−1_family−5680@LTR_Pao:1−3988
0
1000
2000
3000
4000

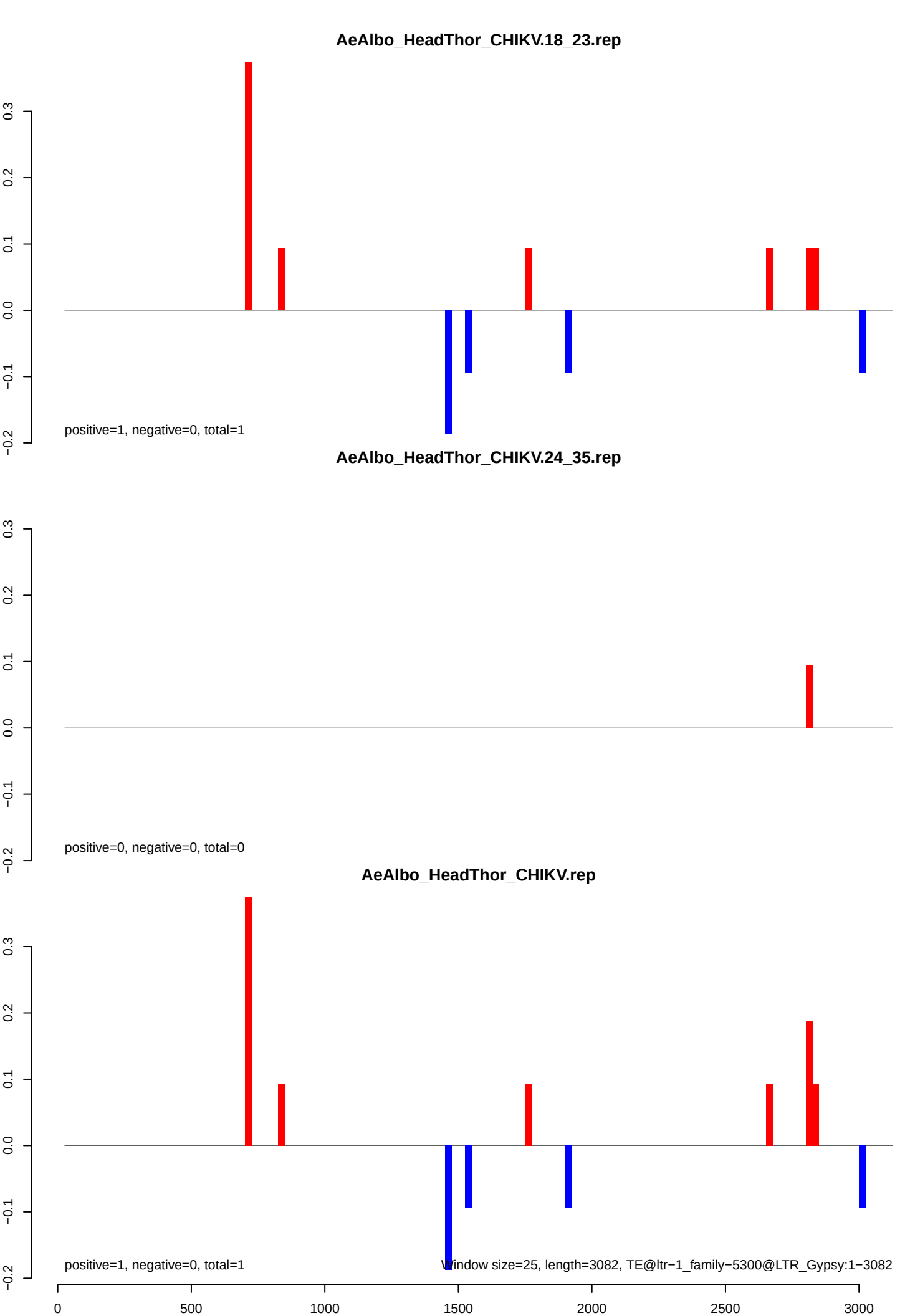

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=2
Window size=25, length=2863, TE@ltr−1_family−5631@LTR_Pao:1−2863
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500
2000
2500
3000

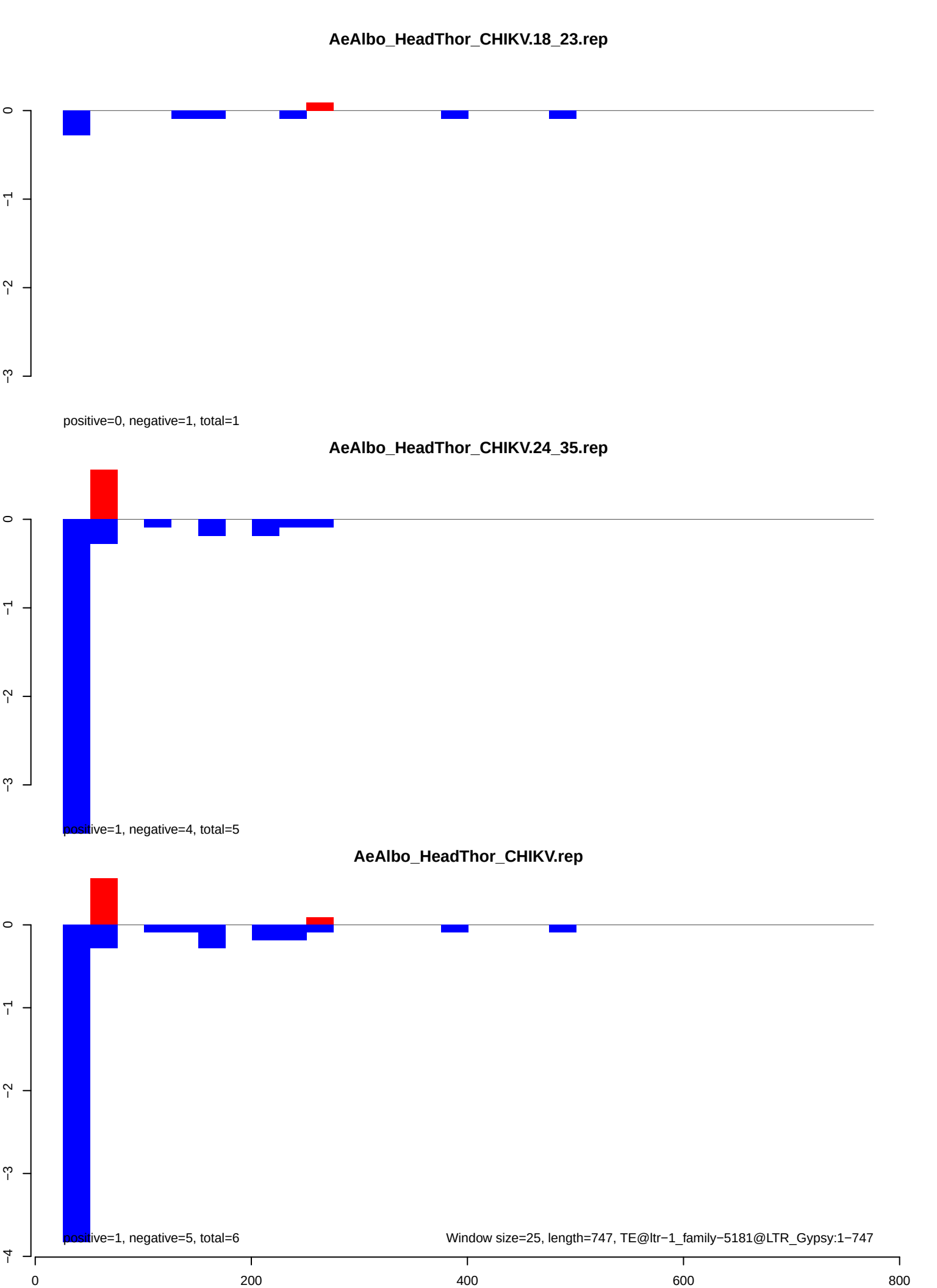

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=2870, TE@ltr−1_family−5551@LTR_Pao:1−2870
−0.1
0.0
0.1
0.2
0.3
0.4
0
500
1000
1500
2000
2500
3000

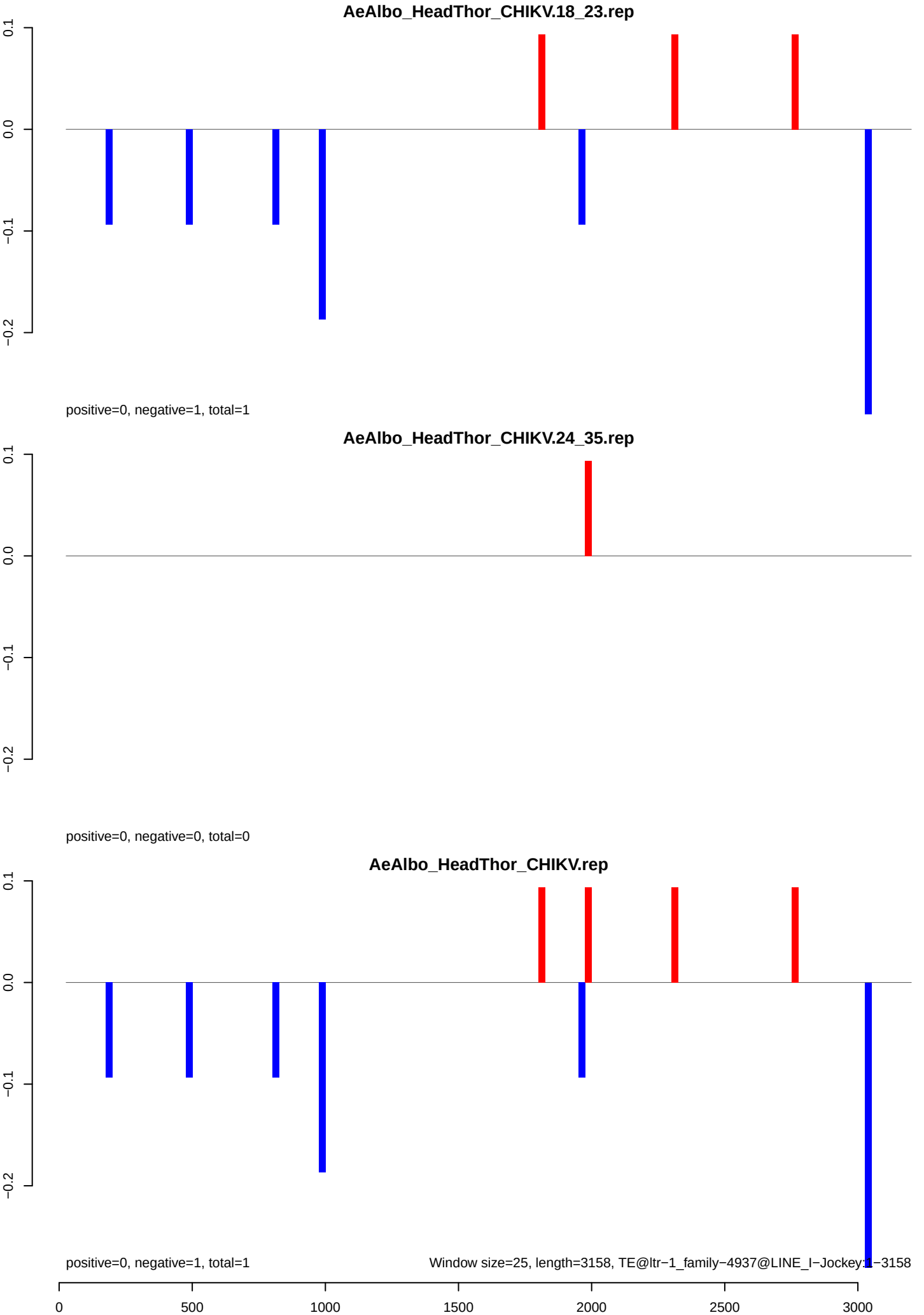

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=0, total=2

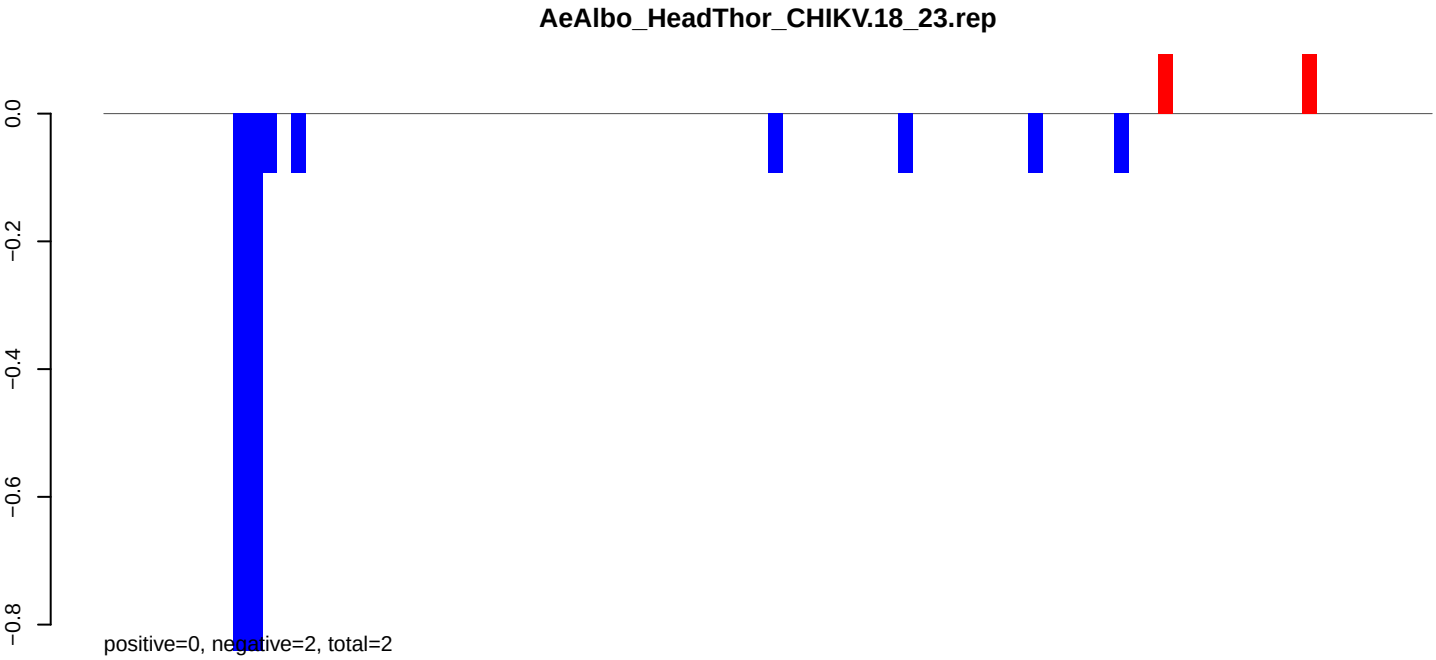

AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=0, total=2
Window size=25, length=2461, TE@ltr−1_family−5479@LTR_Pan:1−2461
0
500
1000
1500
2000
2500

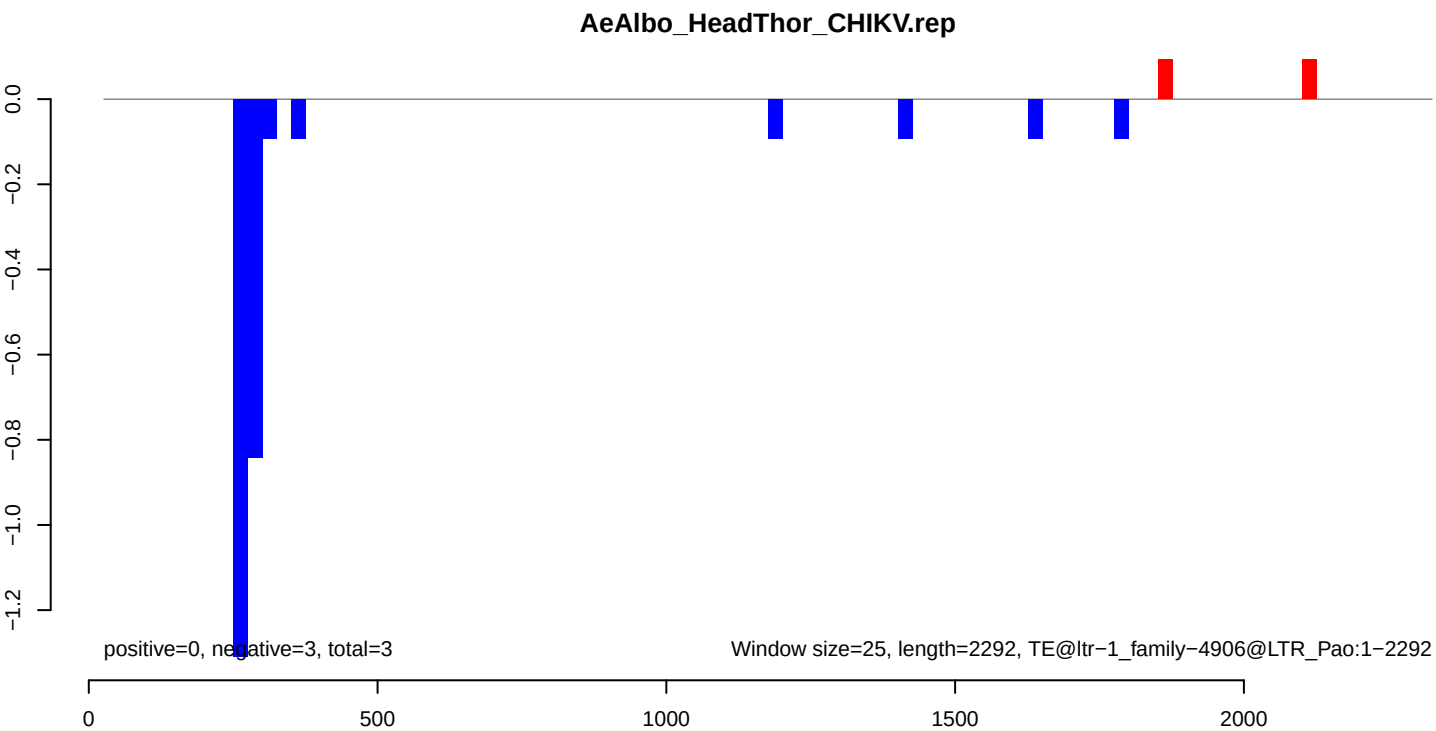

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=3082, TE@ltr−1_family−5300@LTR_Gypsy:1−3082
0
500
1000
1500
2000
2500
3000

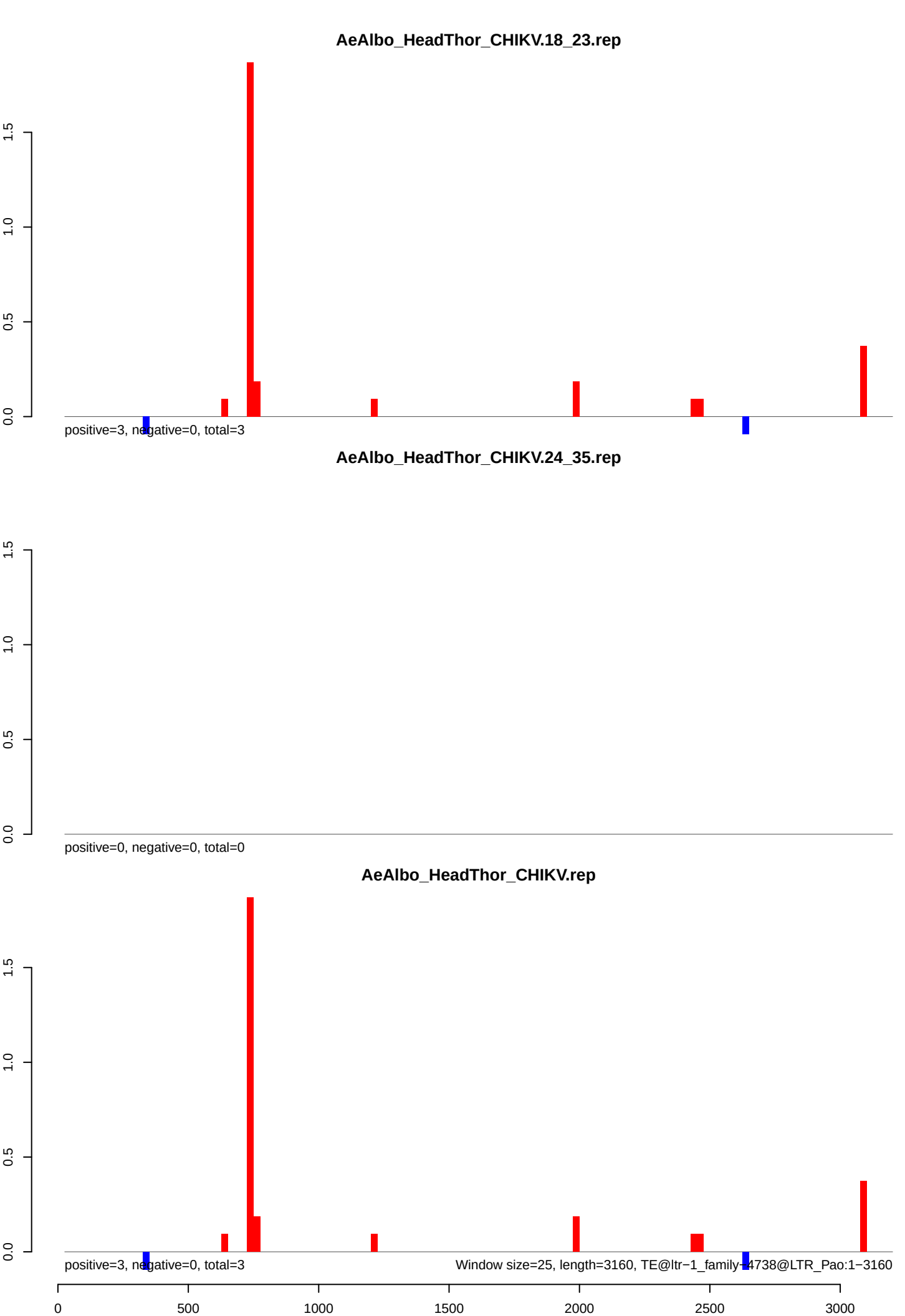

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=1, negative=4, total=5
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=1, negative=5, total=6
Window size=25, length=747, TE@ltr−1_family−5181@LTR_Gypsy:1−747
0
200
400
600
800

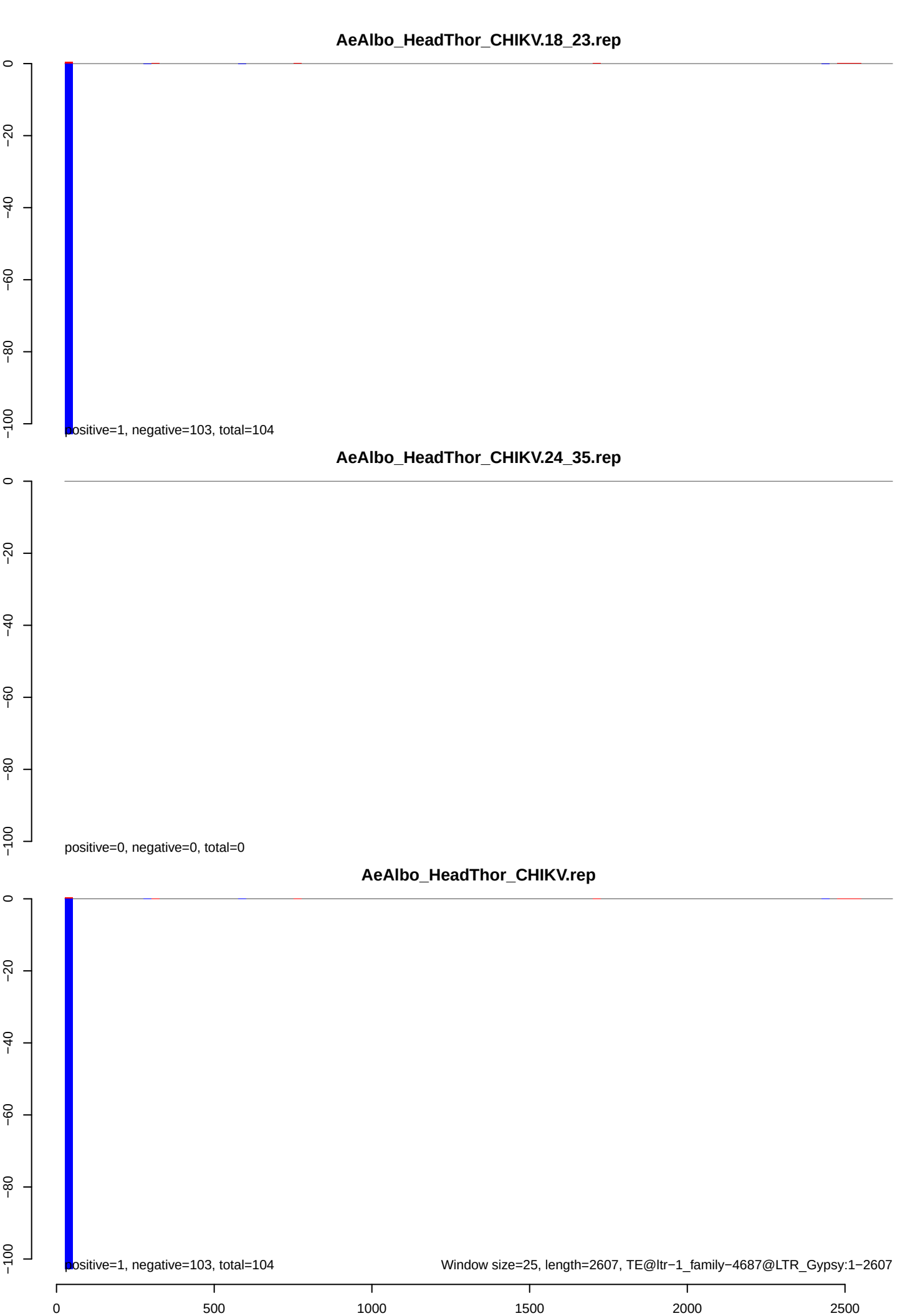

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=3158, TE@ltr−1_family−4937@LINE_I−Jockey:1−3158
0
500
1000
1500
2000
2500
3000

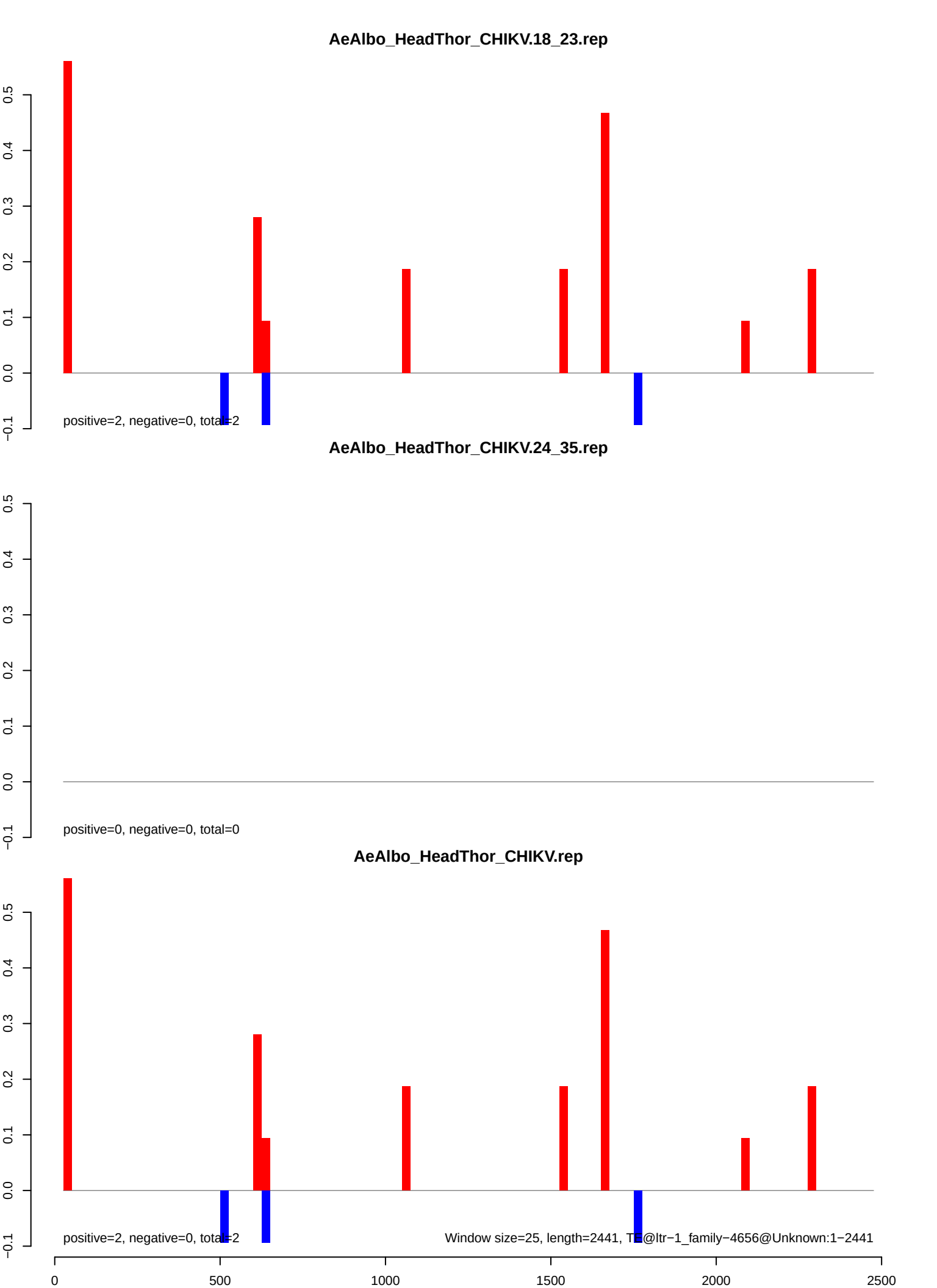

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=2, total=2

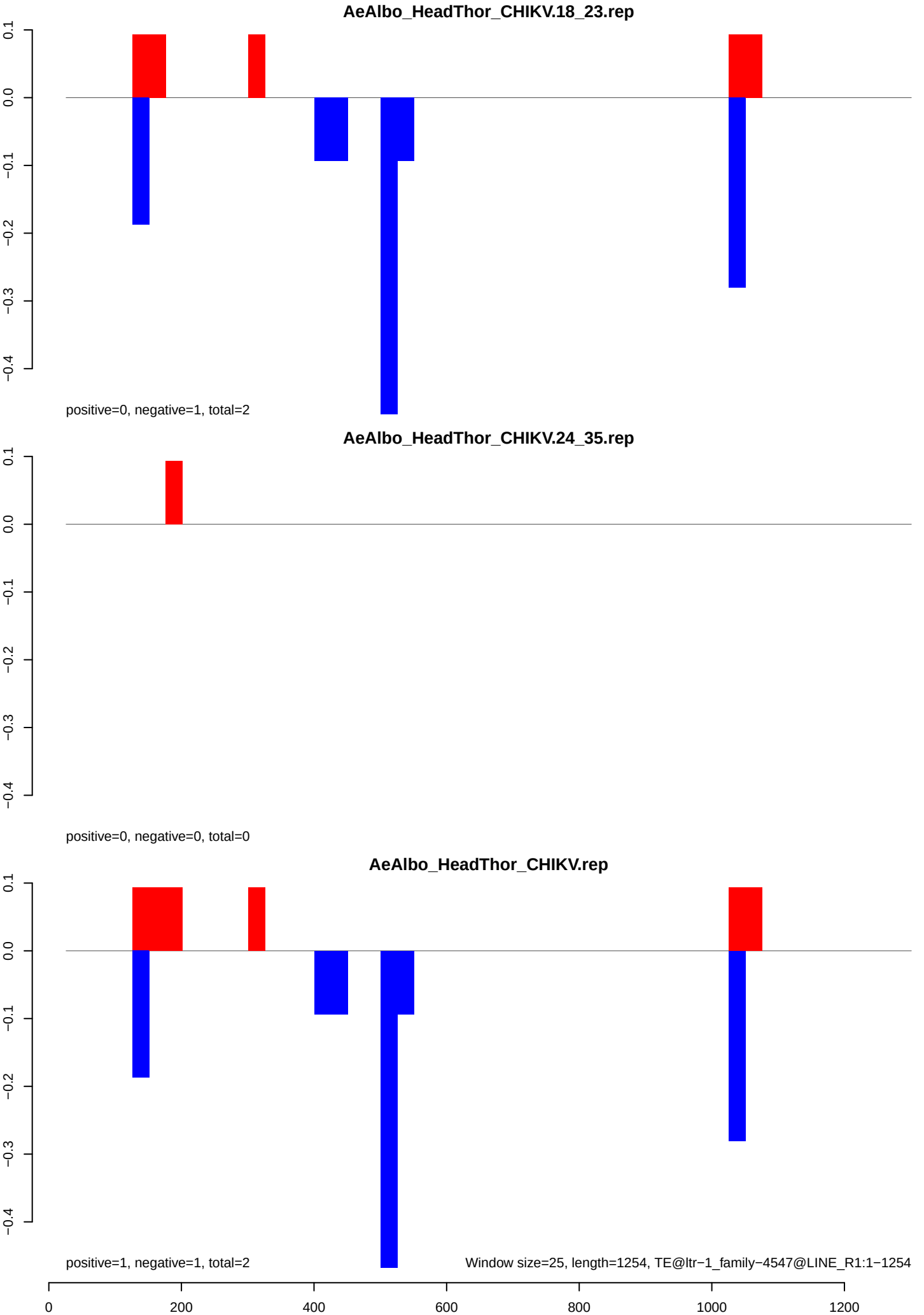
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0

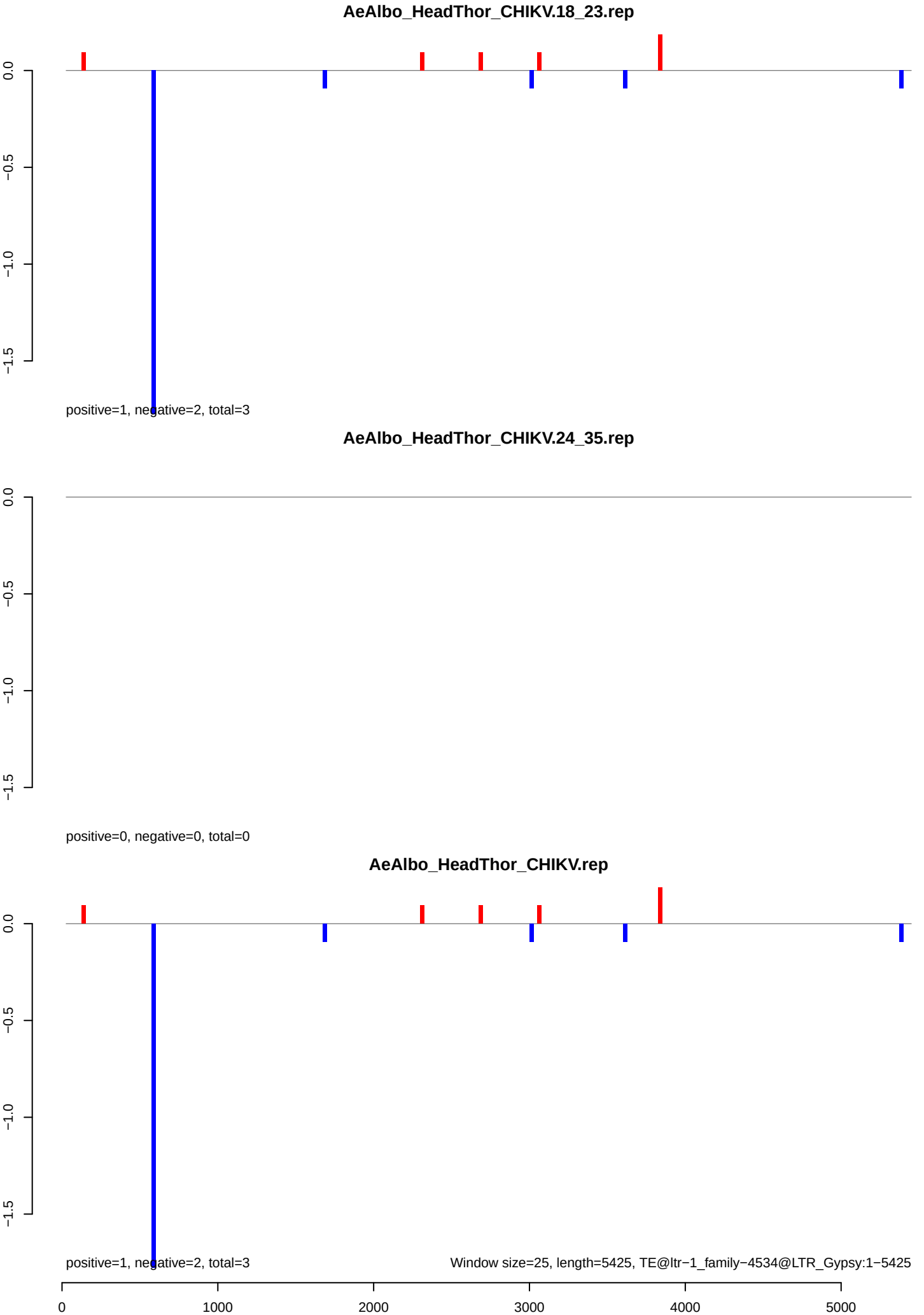

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=3, total=3
Window size=25, length=2292, TE@ltr−1_family−4906@LTR_Pao:1−2292
0
500
1000
1500
2000

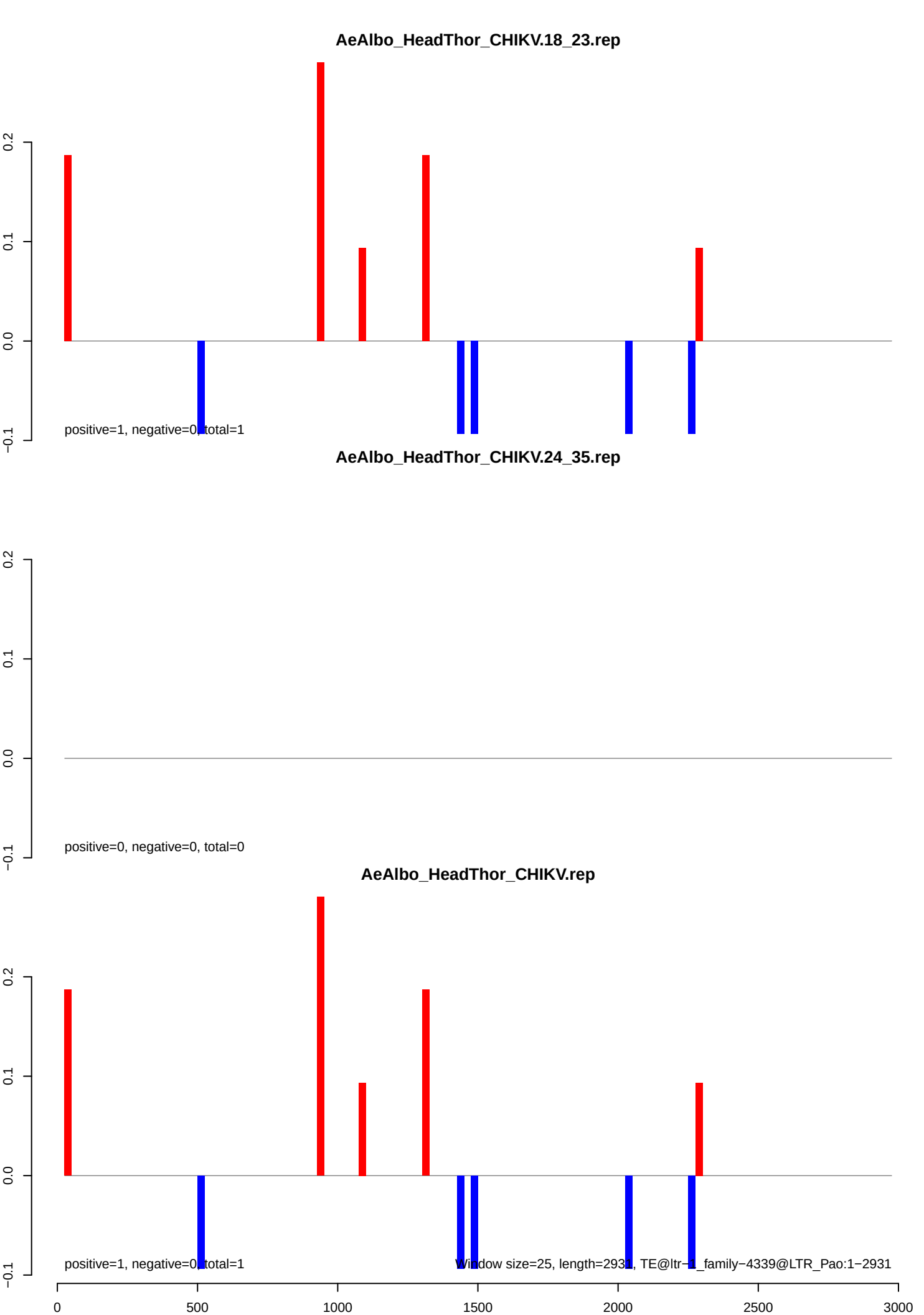

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3
Window size=25, length=3160, TE@ltr−1_family−4738@LTR_Pao:1−3160
0
500
1000
1500
2000
2500
3000

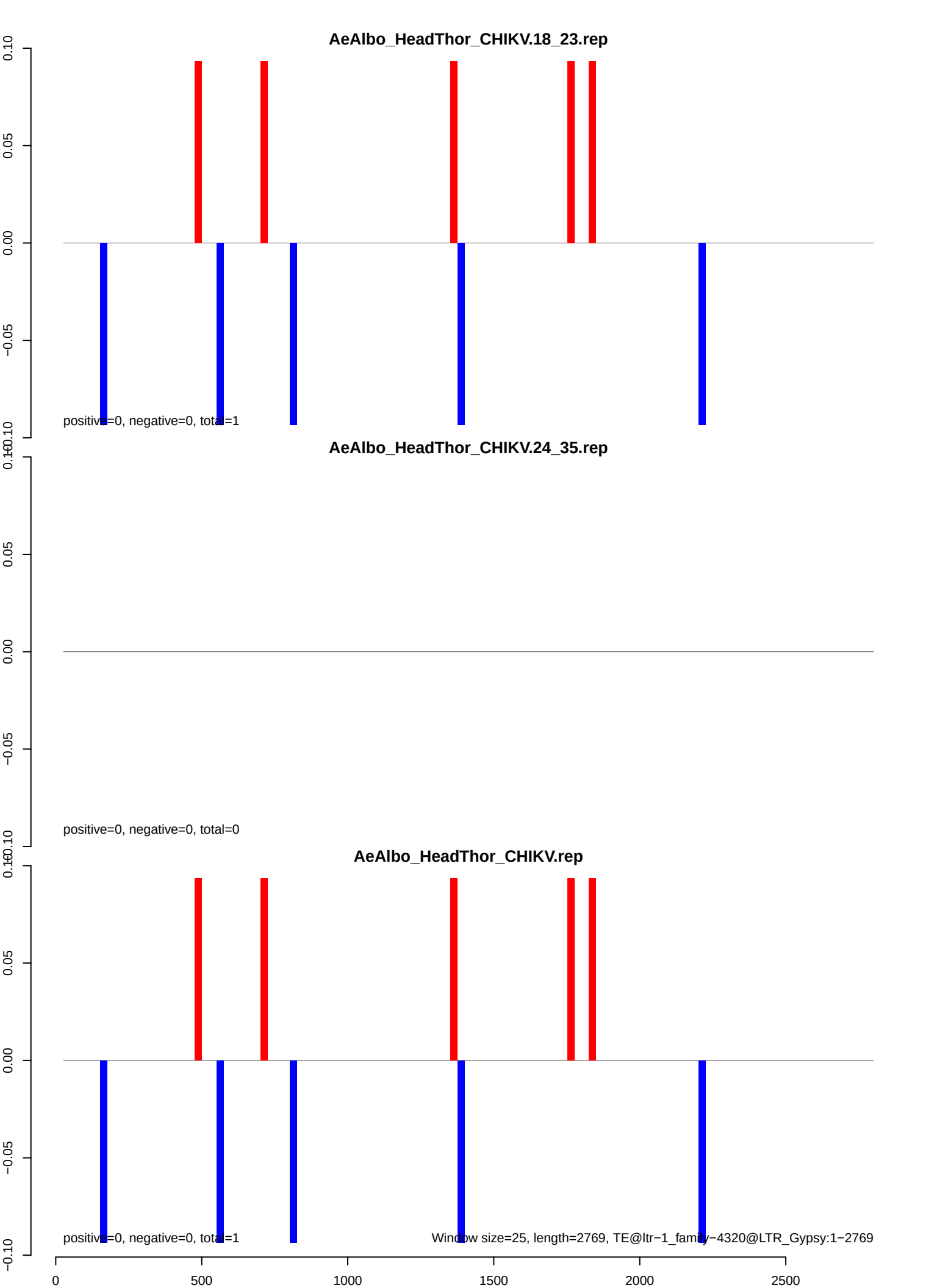

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=1, negative=103, total=104
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=1, negative=103, total=104
Window size=25, length=2607, TE@ltr−1_family−4687@LTR_Gypsy:1−2607
0
500
1000
1500
2000
2500

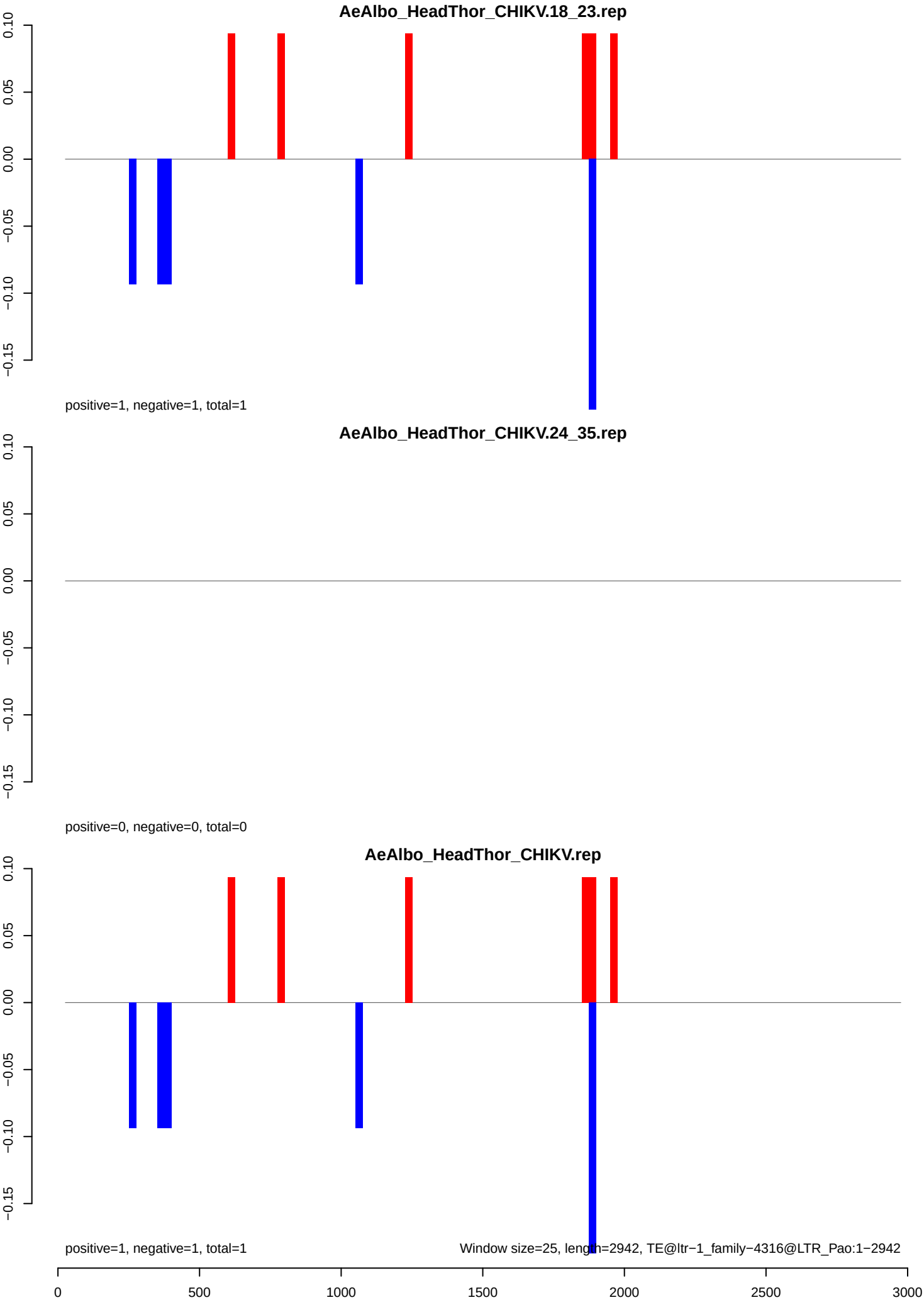

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=0, total=2
Window size=25, length=2441, TE@ltr−1_family−4656@Unknown:1−2441
0
500
1000
1500
2000
2500

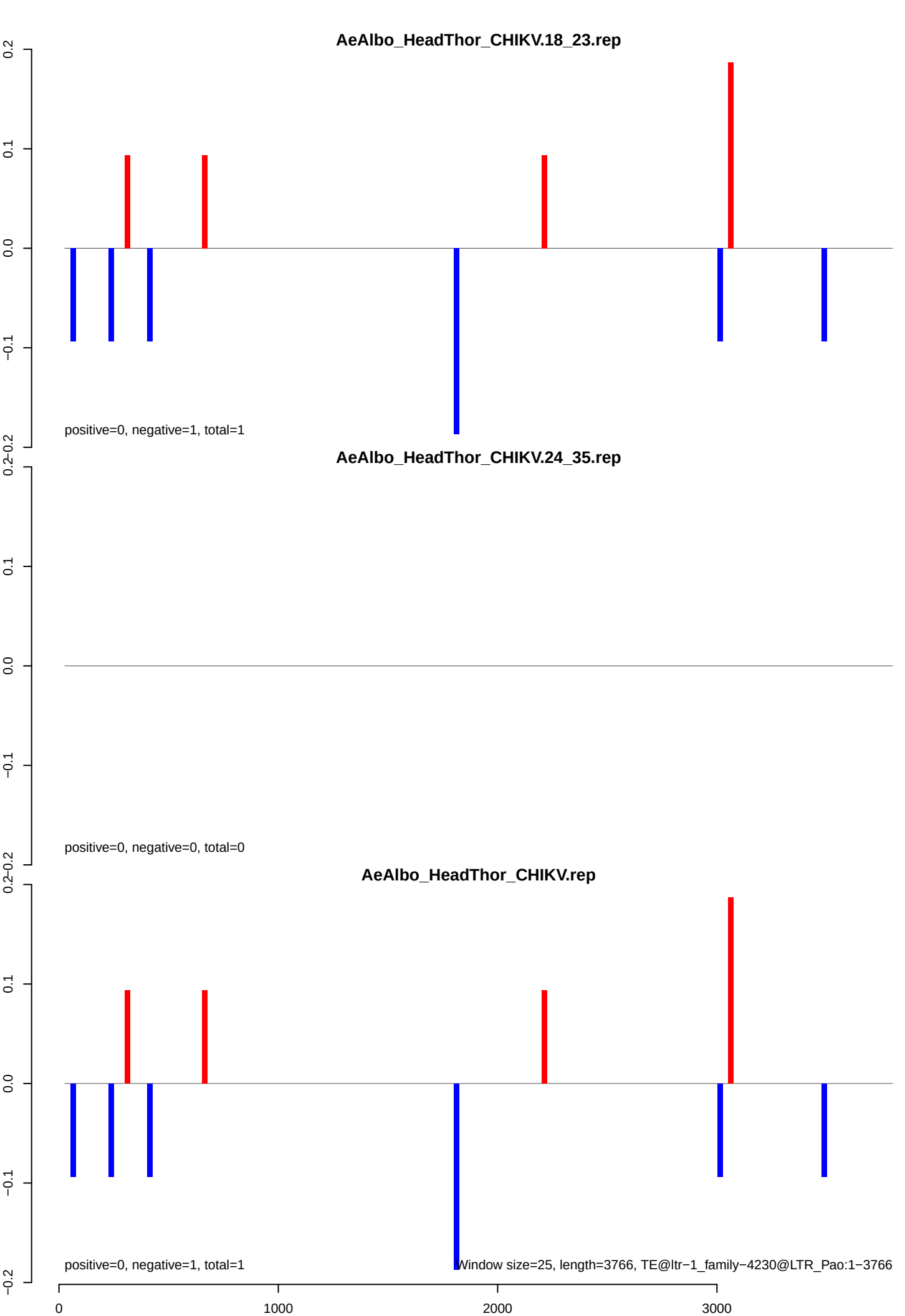

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=2
Window size=25, length=1254, TE@ltr−1_family−4547@LINE_R1:1−1254
0
200
400
600
800
1000
1200

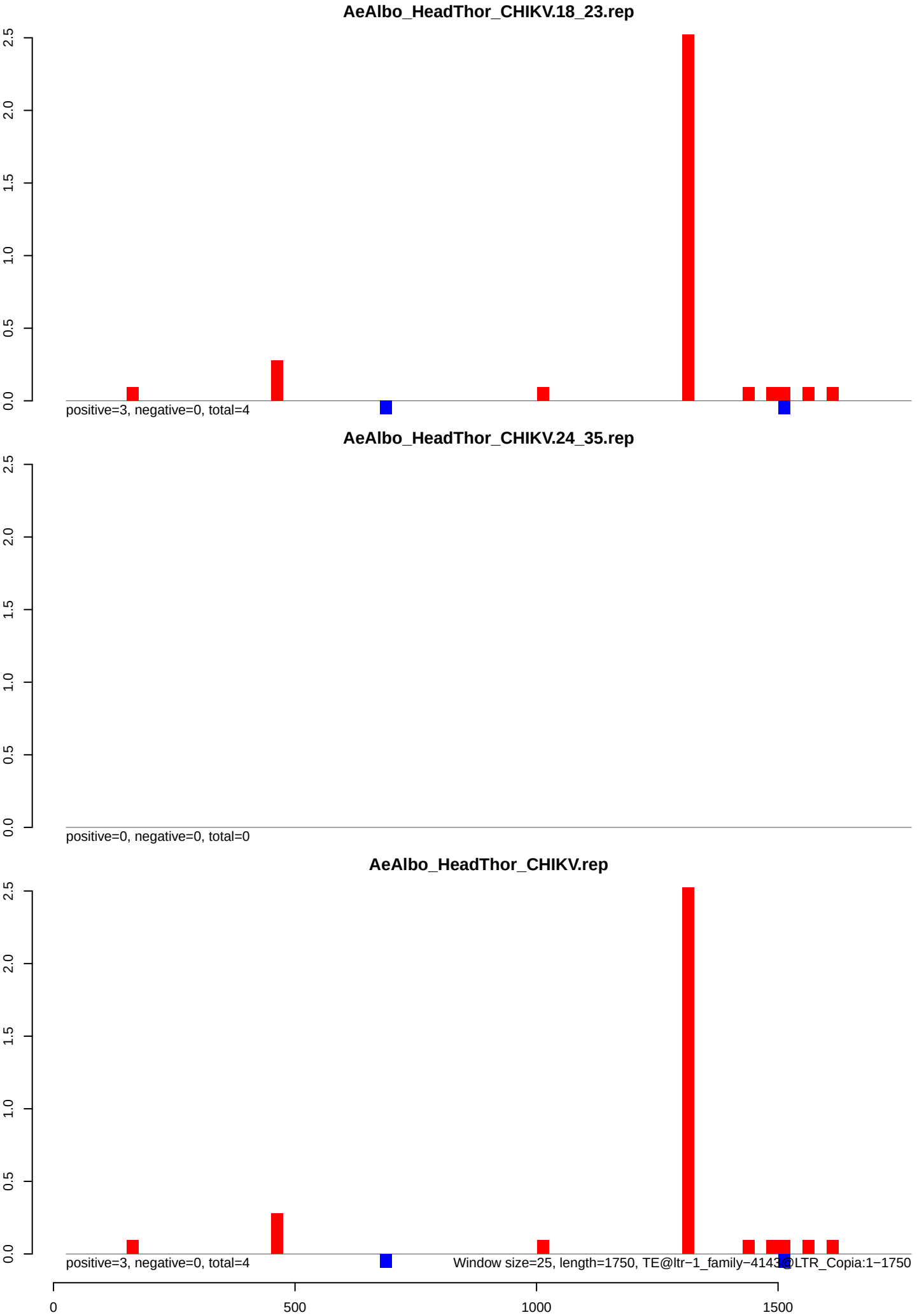

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
Window size=25, length=5425, TE@ltr−1_family−4534@LTR_Gypsy:1−5425
0
1000
2000
3000
4000
5000

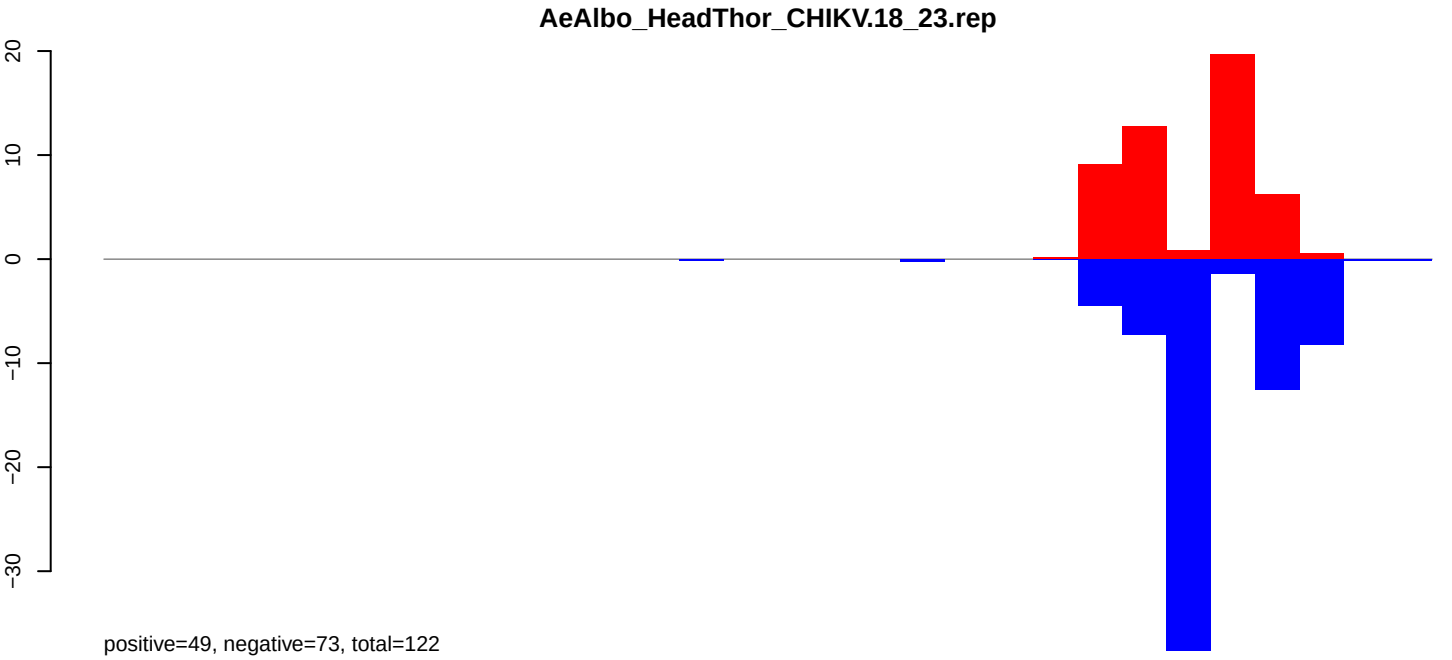

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=2931, TE@ltr−1_family−4339@LTR_Pao:1−2931
0
500
1000
1500
2000
2500
3000

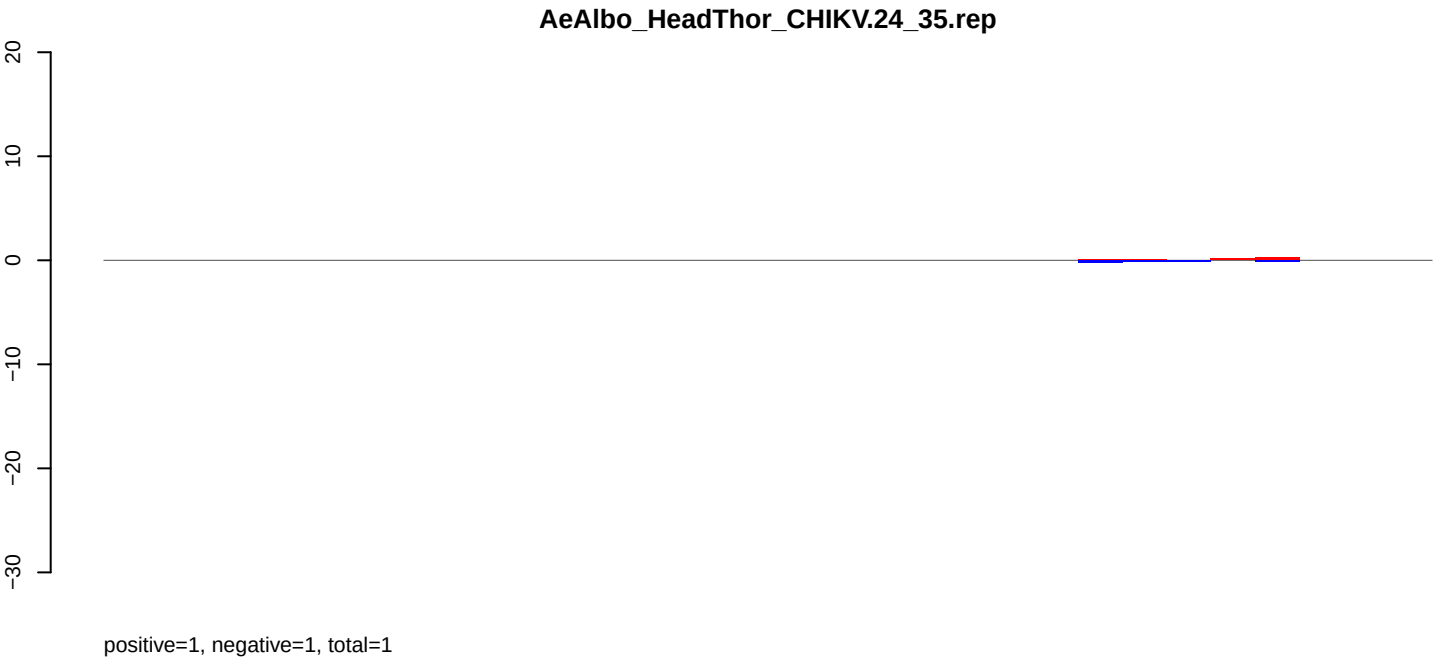

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=2769, TE@ltr−1_family−4320@LTR_Gypsy:1−2769
0
500
1000
1500
2000
2500

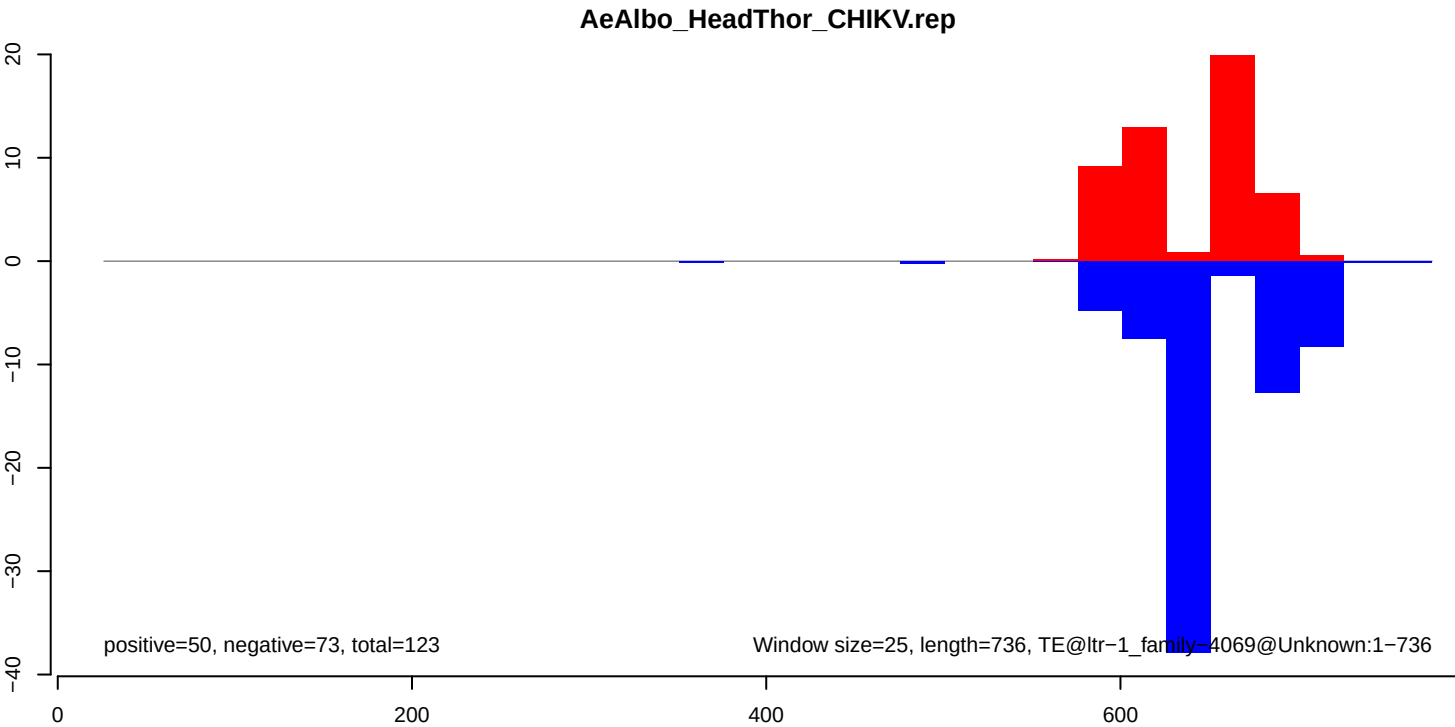

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=1, total=1
Window size=25, length=2942, TE@ltr−1_family−4316@LTR_Pao:1−2942
0
500
1000
1500
2000
2500
3000

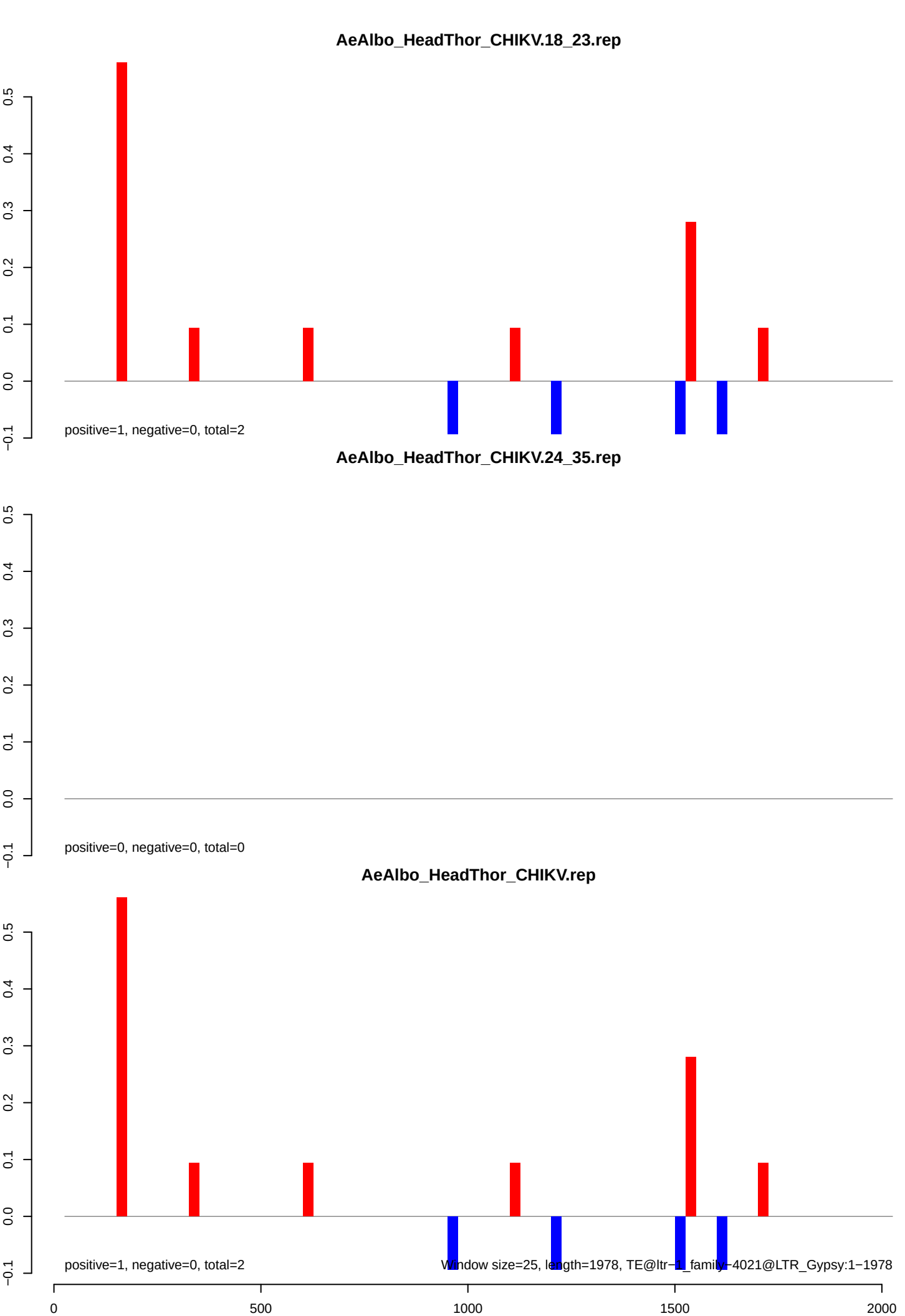

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=3766, TE@ltr−1_family−4230@LTR_Pao:1−3766
0
1000
2000
3000

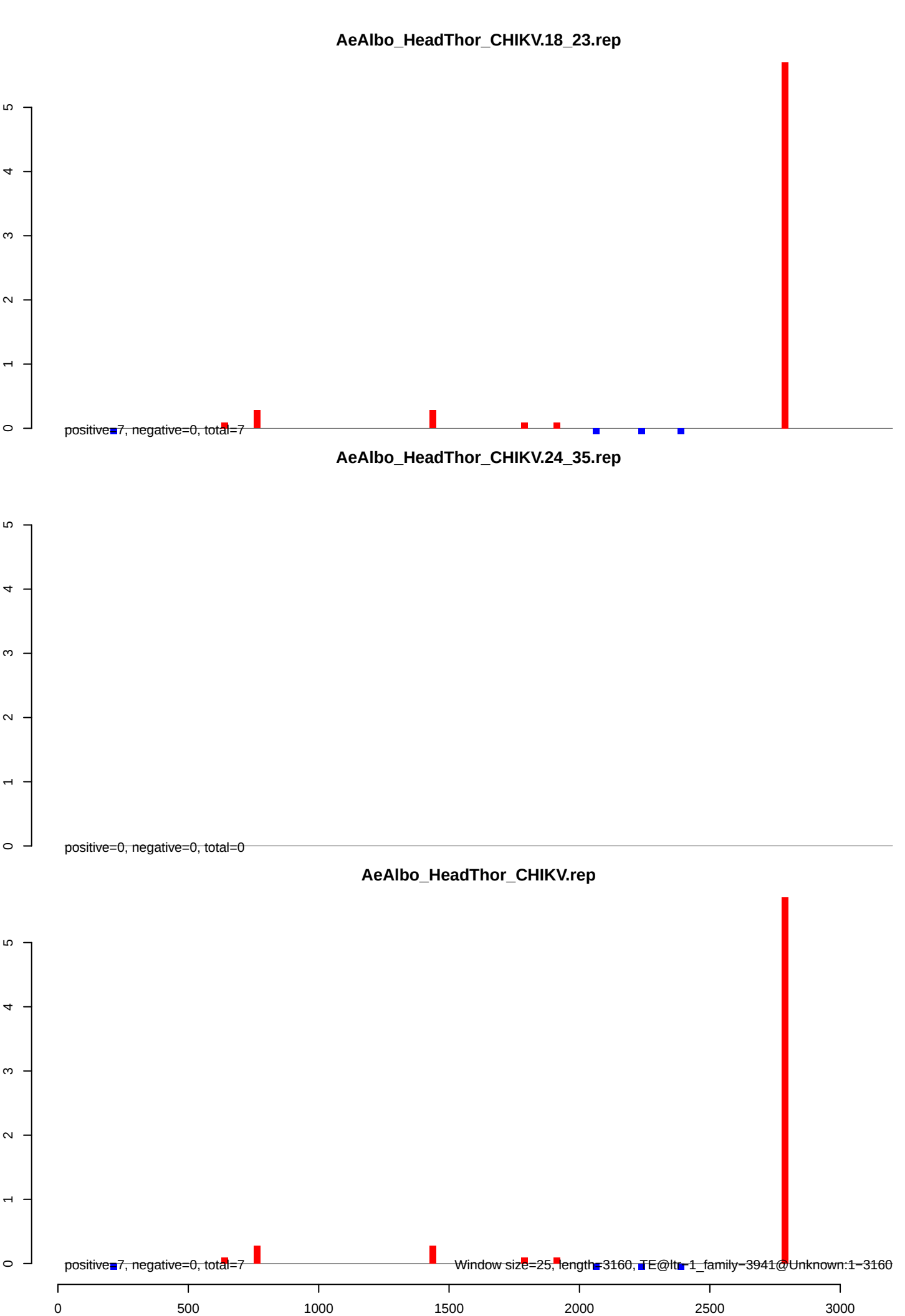

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=3, negative=0, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=3, negative=0, total=4
Window size=25, length=1750, TE@ltr−1_family−4143@LTR_Copia:1−1750
0
500
1000
1500

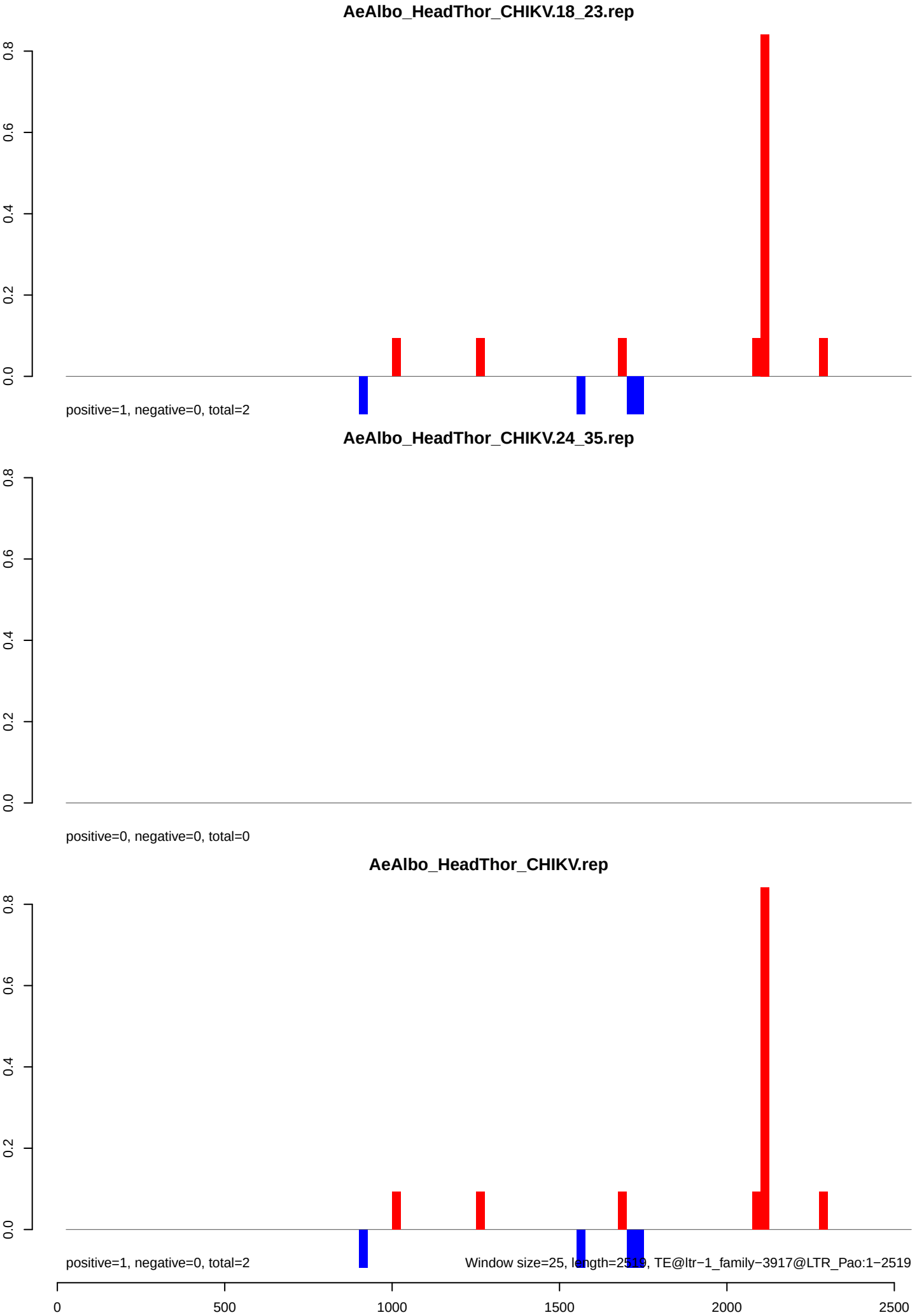

AeAlbo_HeadThor_CHIKV.18_23.rep
20
10
0
−10
−20
−30
positive=49, negative=73, total=122

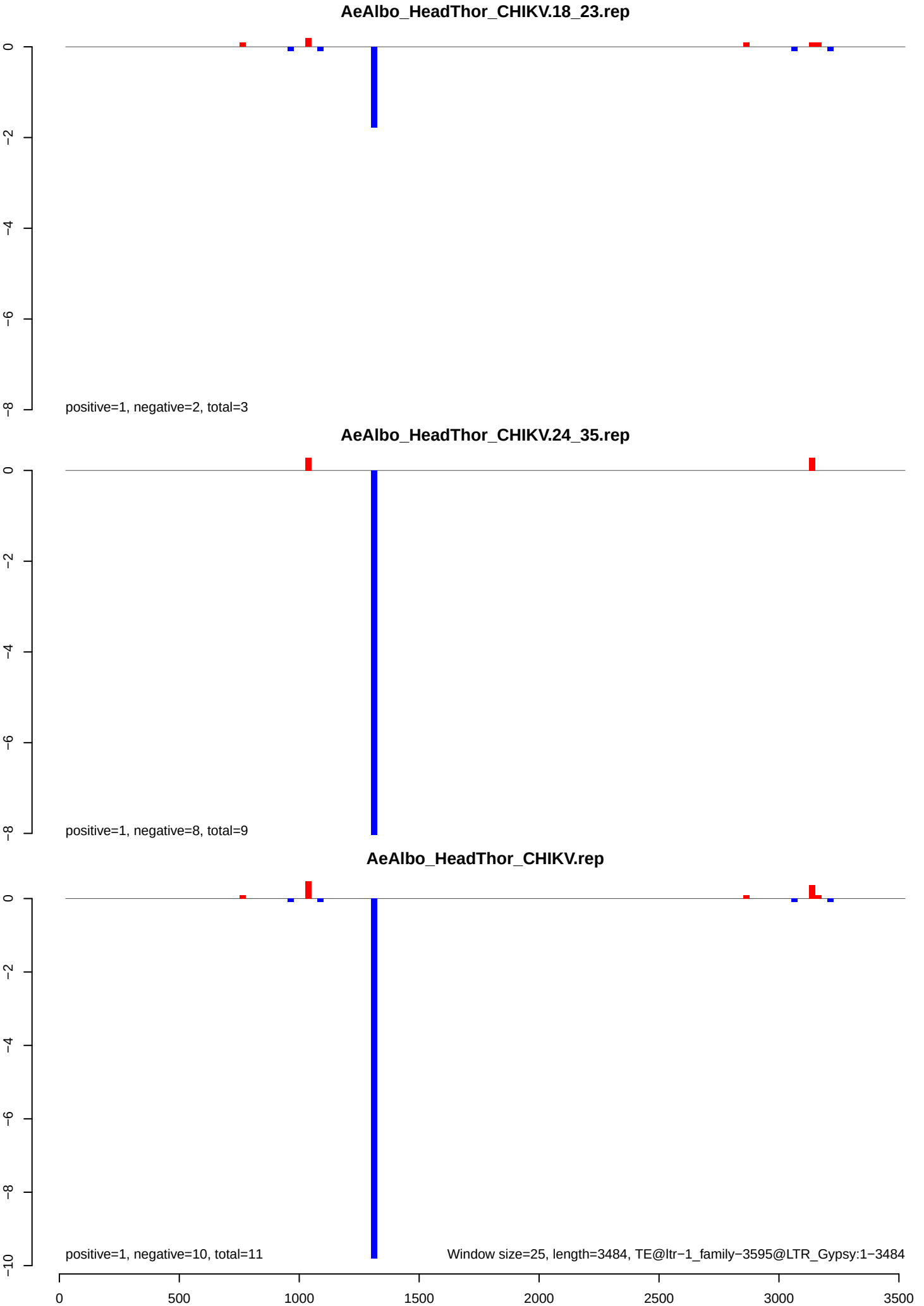

AeAlbo_HeadThor_CHIKV.24_35.rep
20
10
0
−10
−20
−30
positive=1, negative=1, total=1

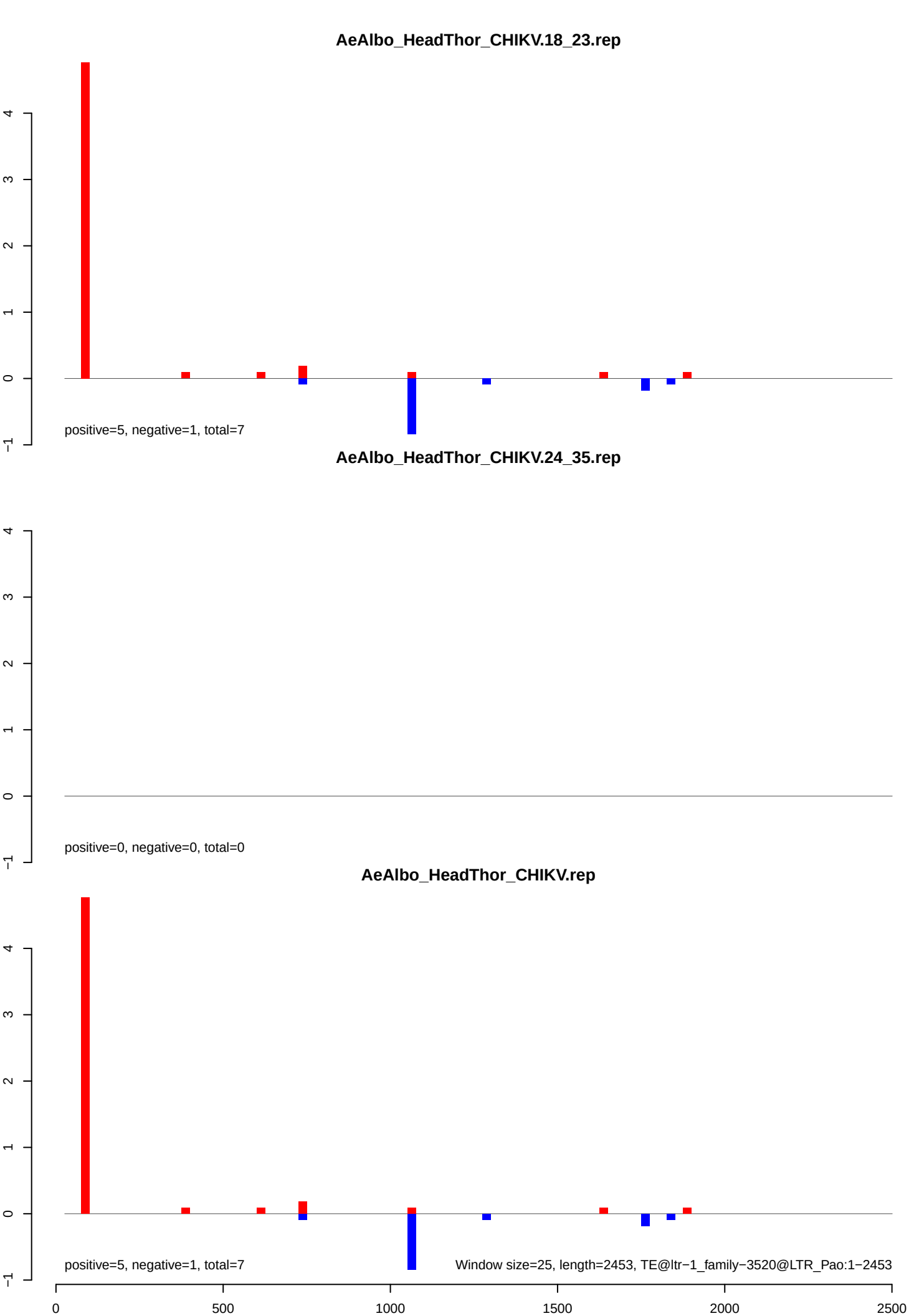

AeAlbo_HeadThor_CHIKV.rep
20
10
0
−10
−20
−30
−40
positive=50, negative=73, total=123
Window size=25, length=736, TE@ltr−1_family−4069@Unknown:1−736
0
200
400
600
800

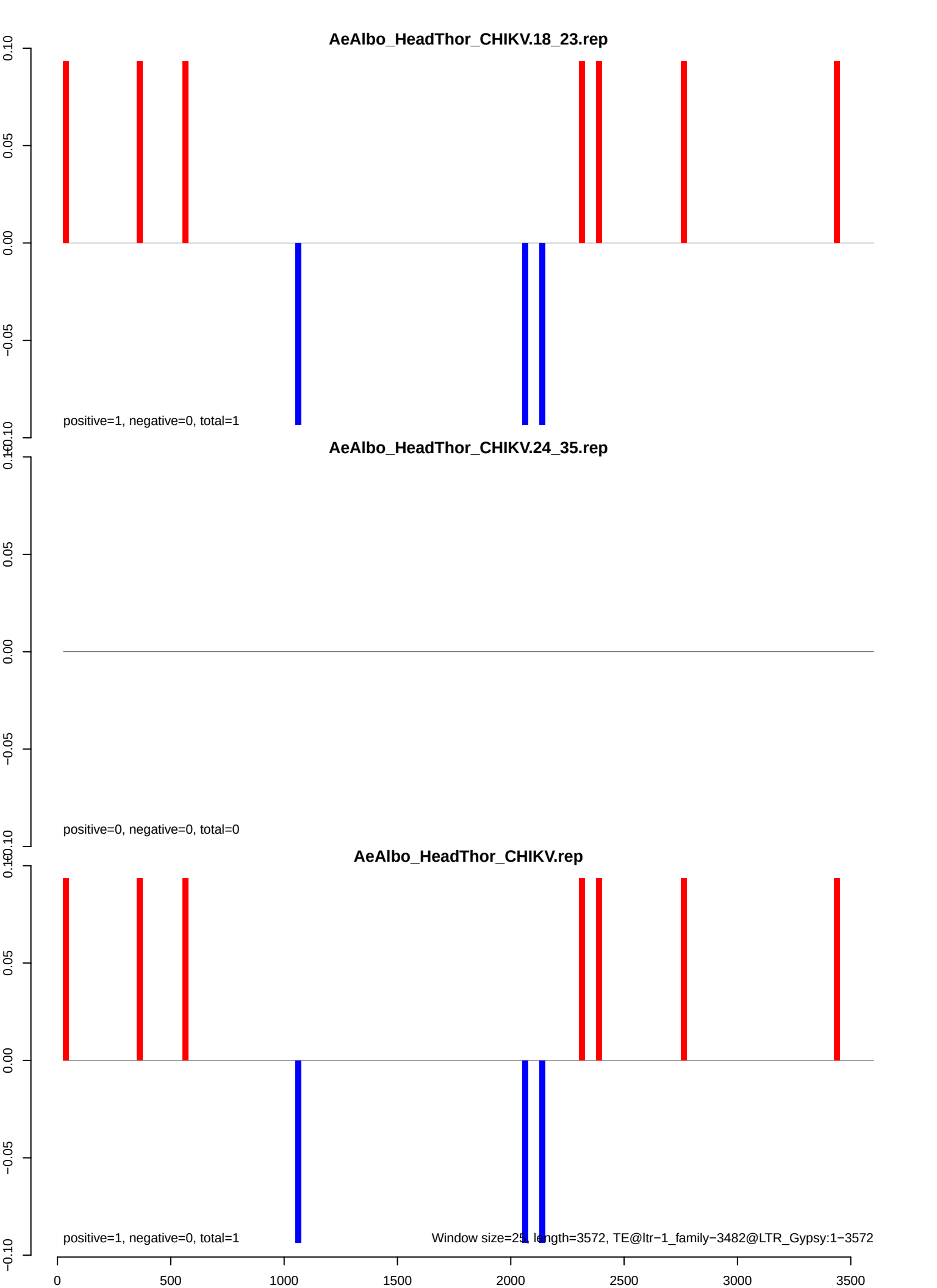

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=2
Window size=25, length=1978, TE@ltr−1_family−4021@LTR_Gypsy:1−1978
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
500
1000
1500
2000

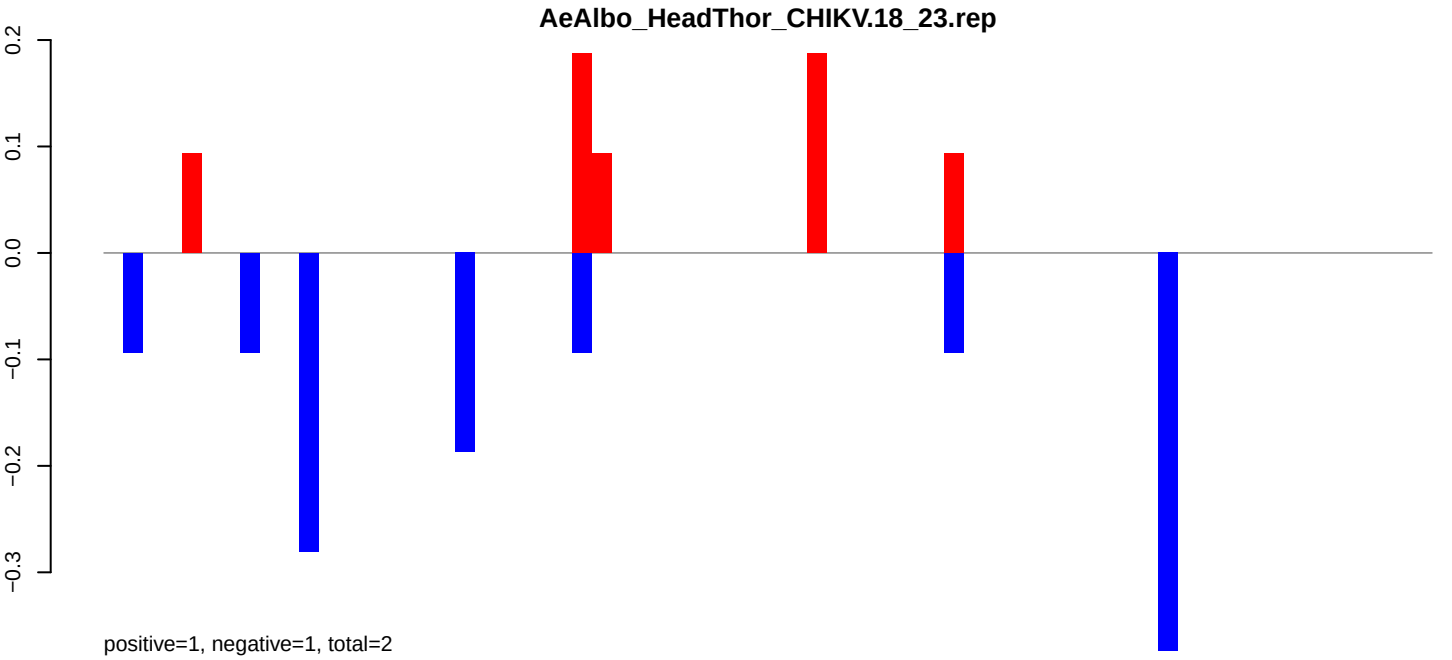

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=0, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=0, total=7
Window size=25, length=3160, TE@lt=1_family=3941@Unknown:1=3160
0
500
1000
1500
2000
2500
3000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=2
Window size=25, length=2519, TE@ltr−1_family−3917@LTR_Pao:1−2519
0
500
1000
1500
2000
2500

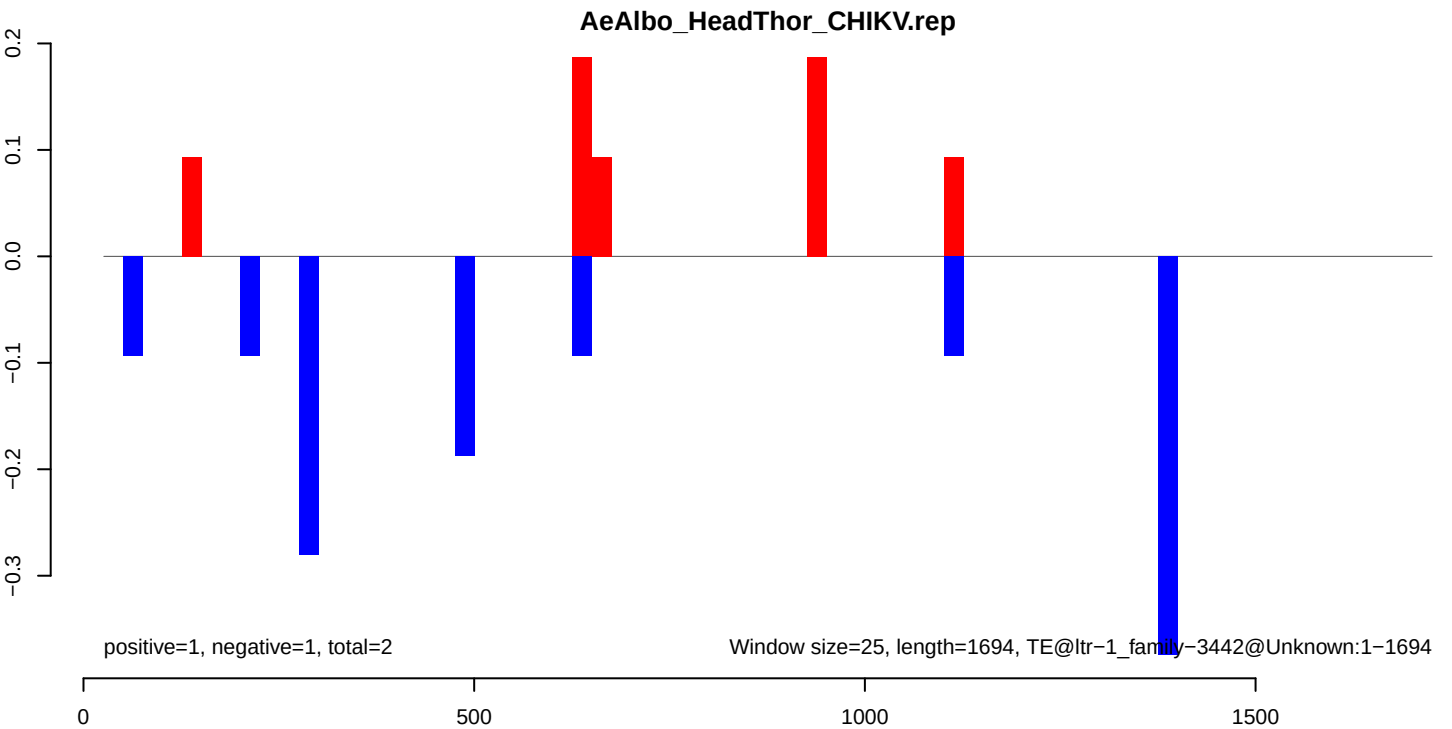

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=1, negative=8, total=9
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
positive=1, negative=10, total=11
Window size=25, length=3484, TE@ltr−1_family−3595@LTR_Gypsy:1−3484
0
500
1000
1500
2000
2500
3000
3500

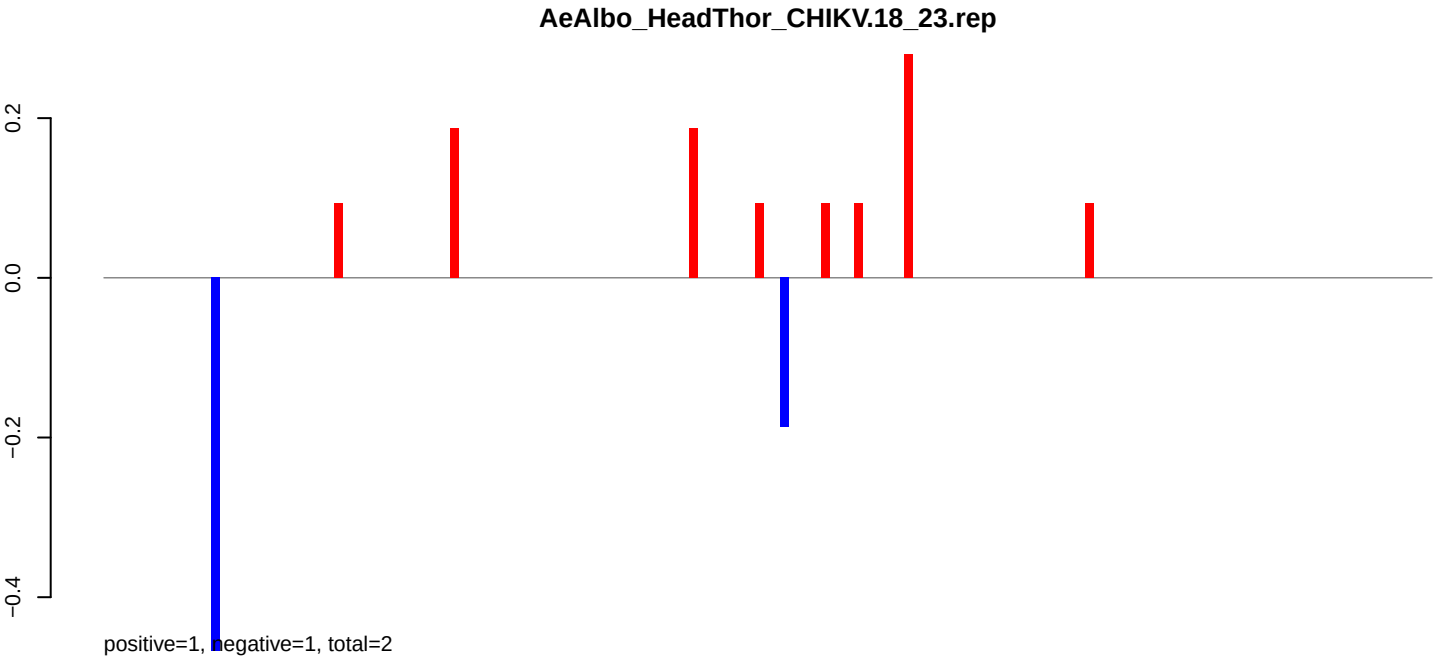

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=1, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=1, total=7
Window size=25, length=2453, TE@ltr−1_family−3520@LTR_Pao:1−2453
0
500
1000
1500
2000
2500

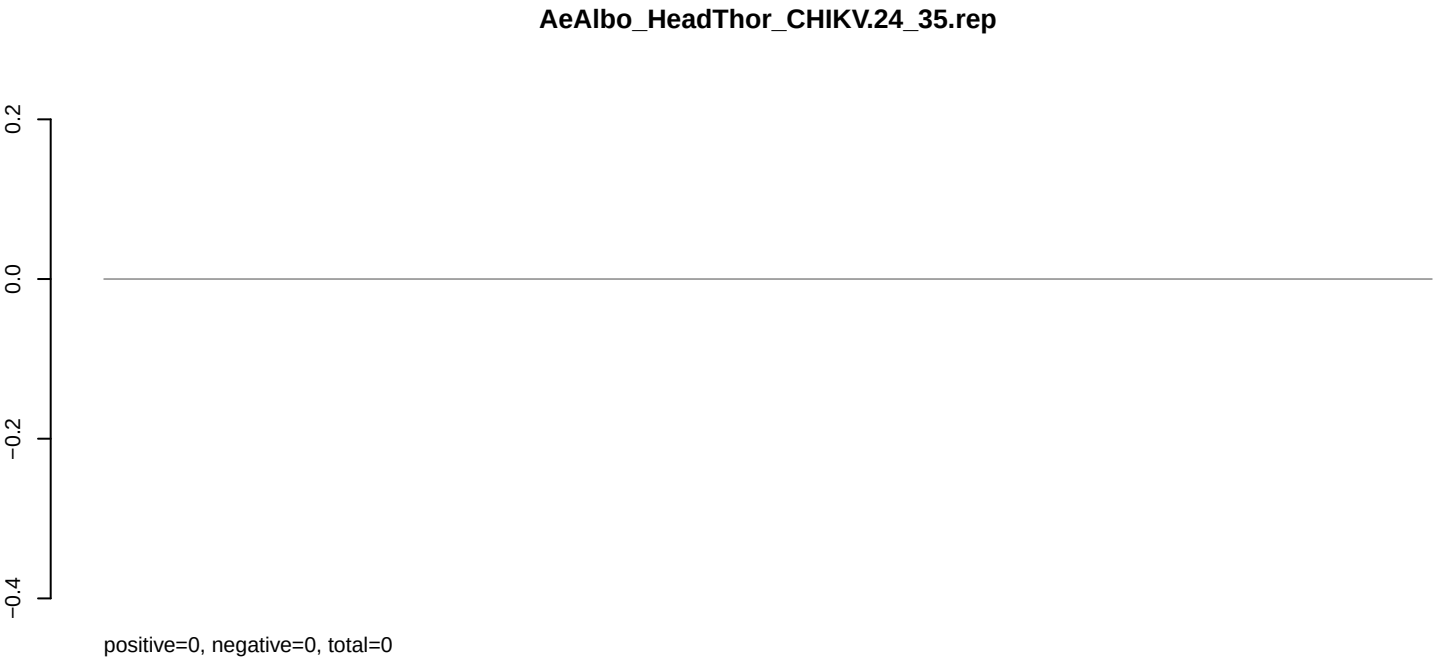

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=3572, TE@ltr−1_family−3482@LTR_Gypsy:1−3572
0
500
1000
1500
2000
2500
3000
3500

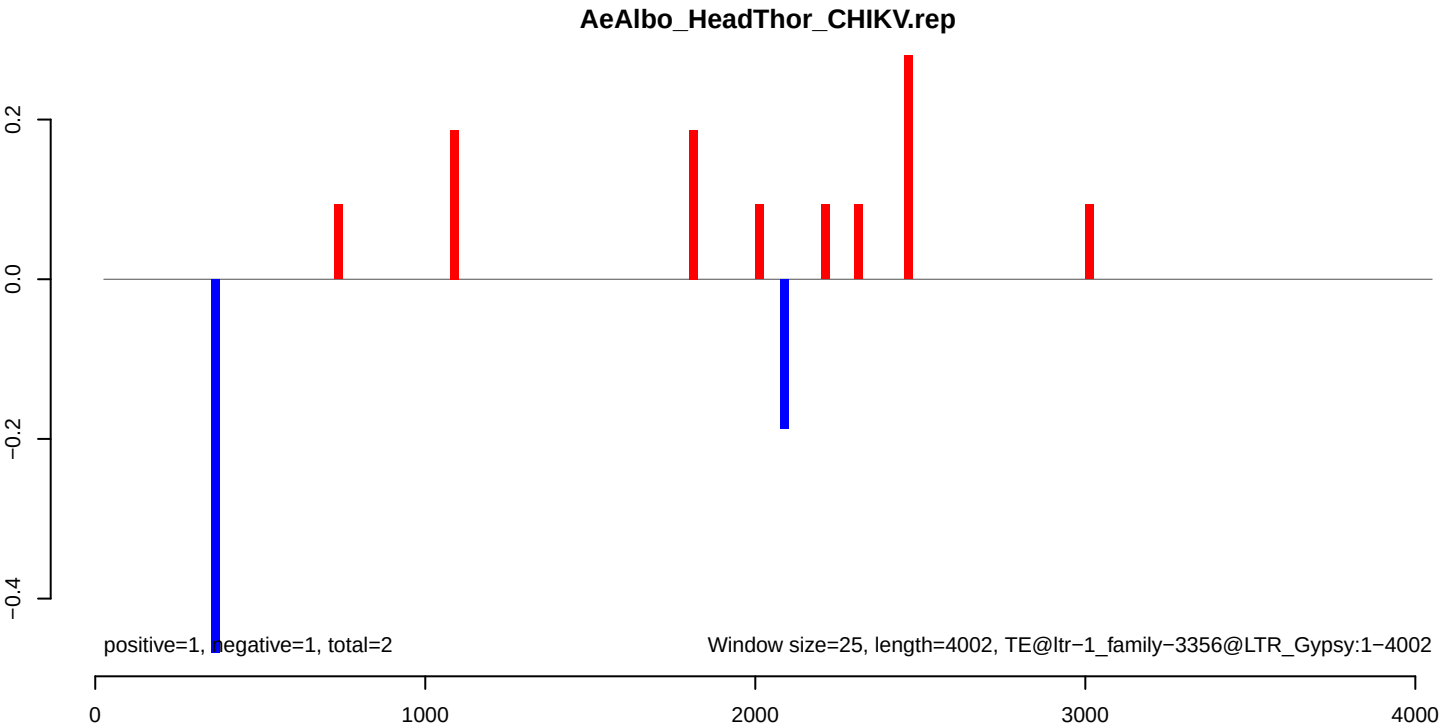

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2

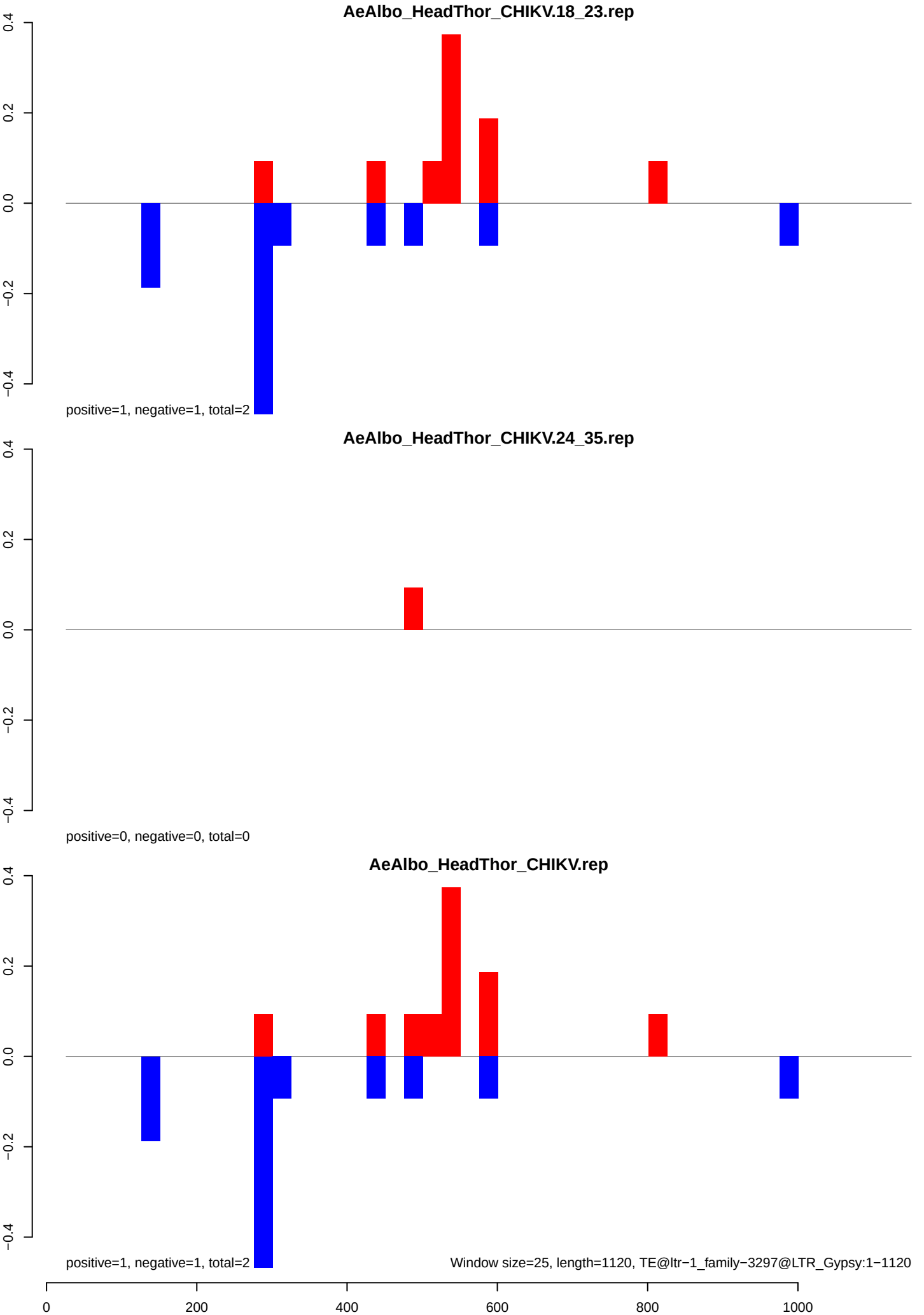
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

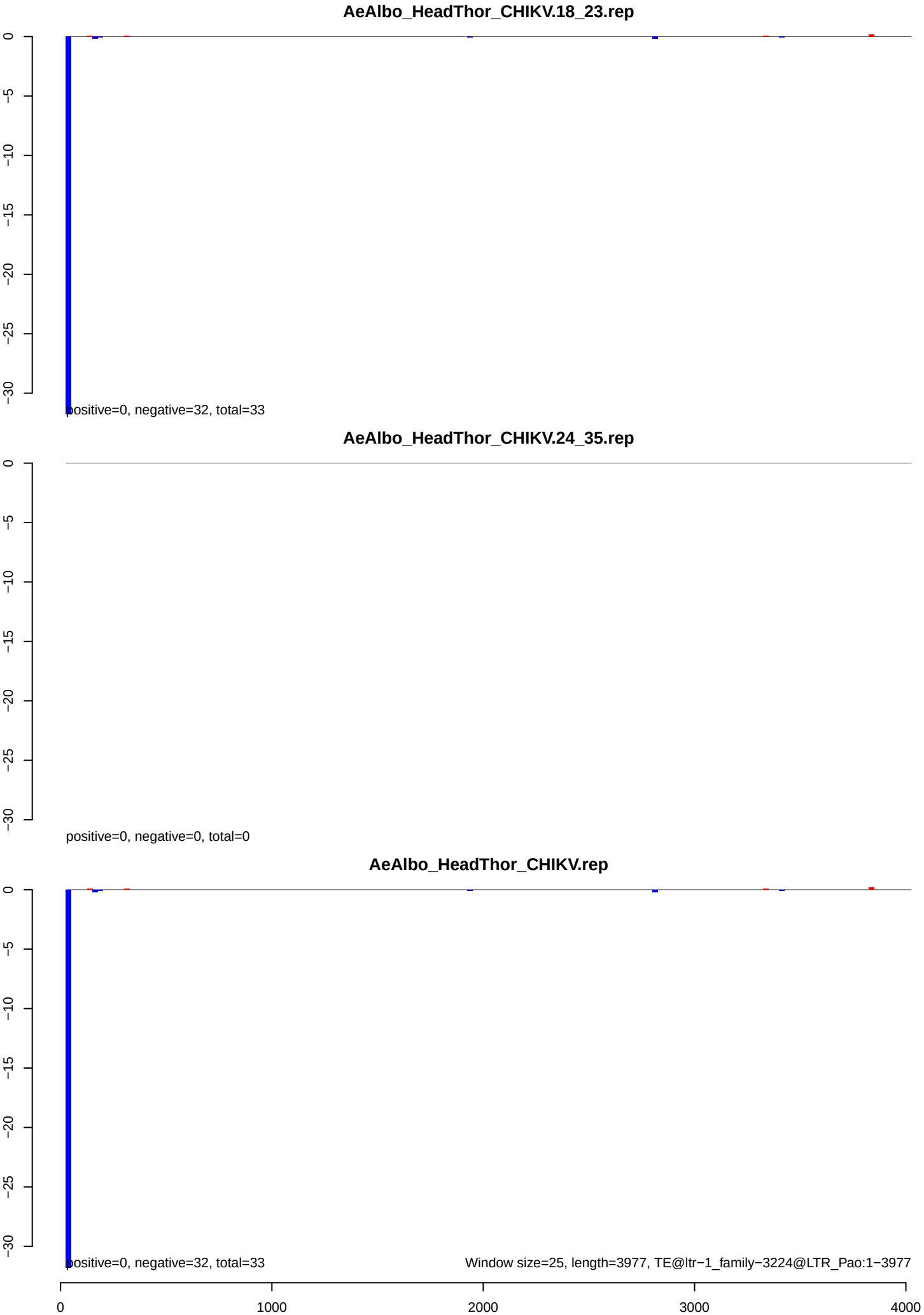

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2
Window size=25, length=1694, TE@ltr−1_family−3442@Unknown:1−1694
0
500
1000
1500

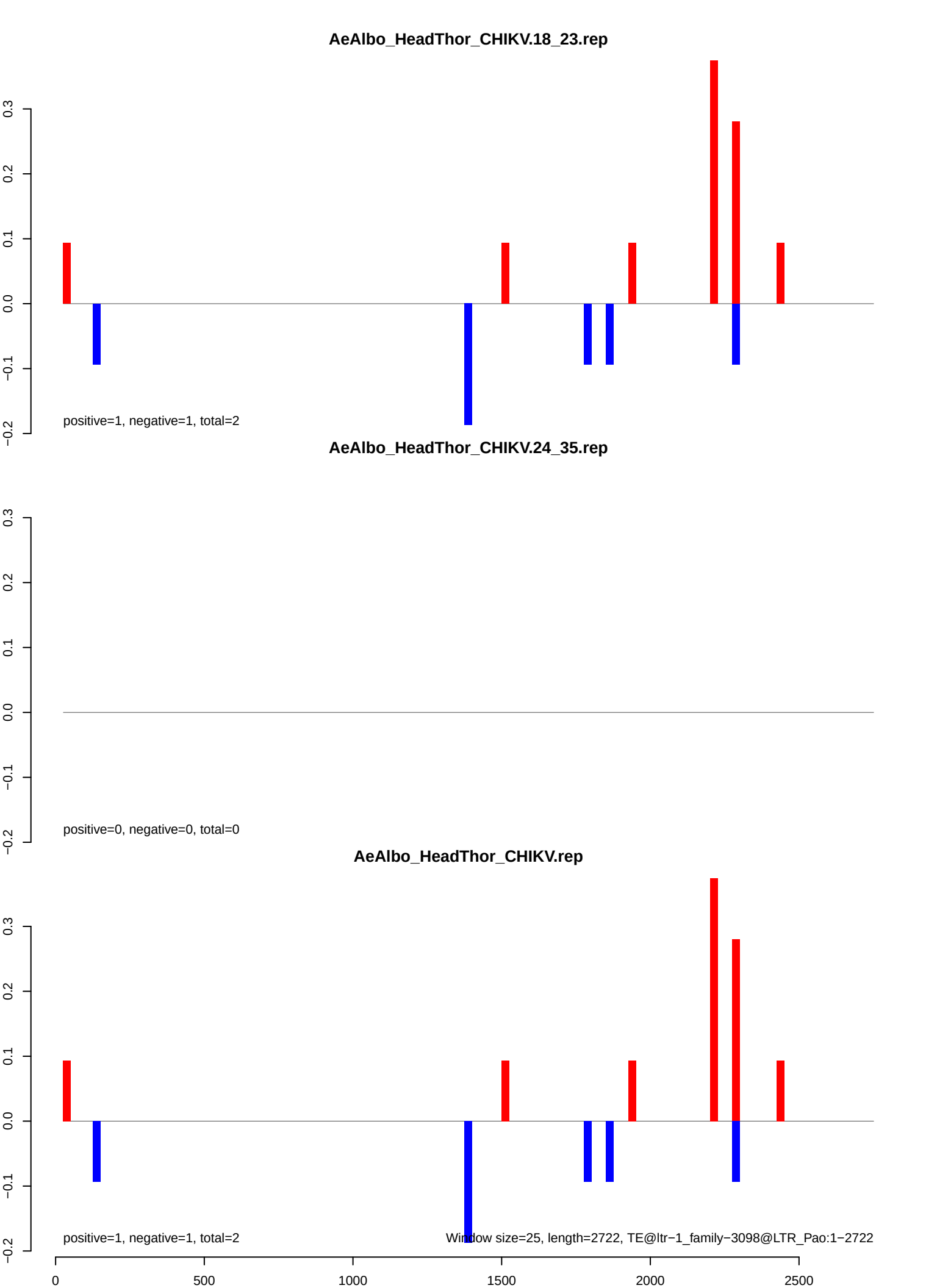

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2

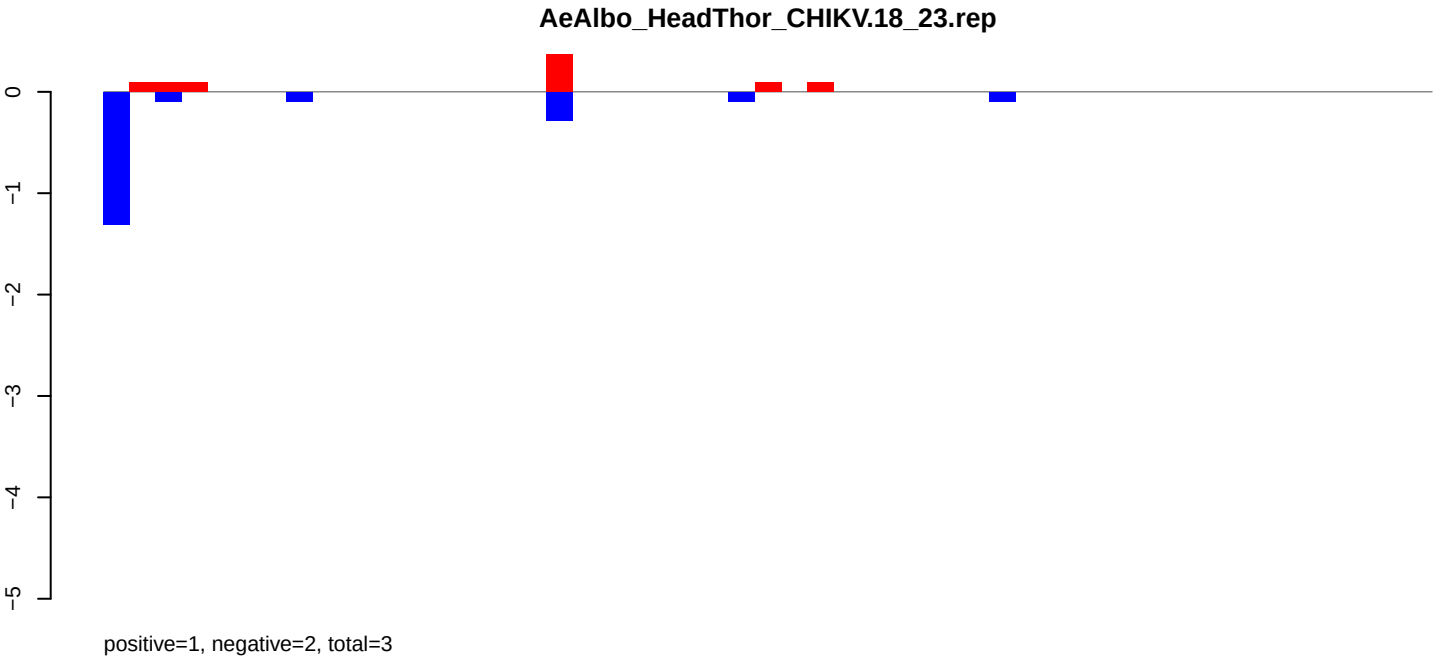

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

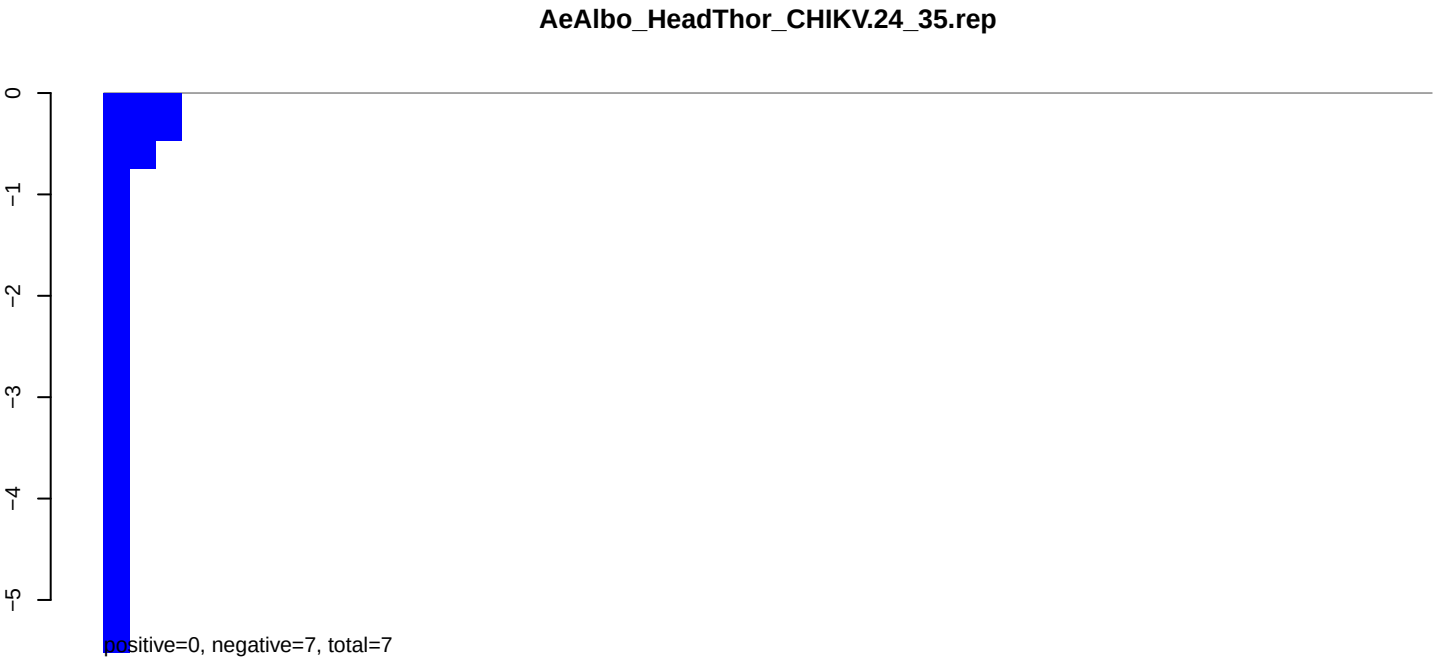

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=4002, TE@ltr−1_family−3356@LTR_Gypsy:1−4002
0
1000
2000
3000
4000

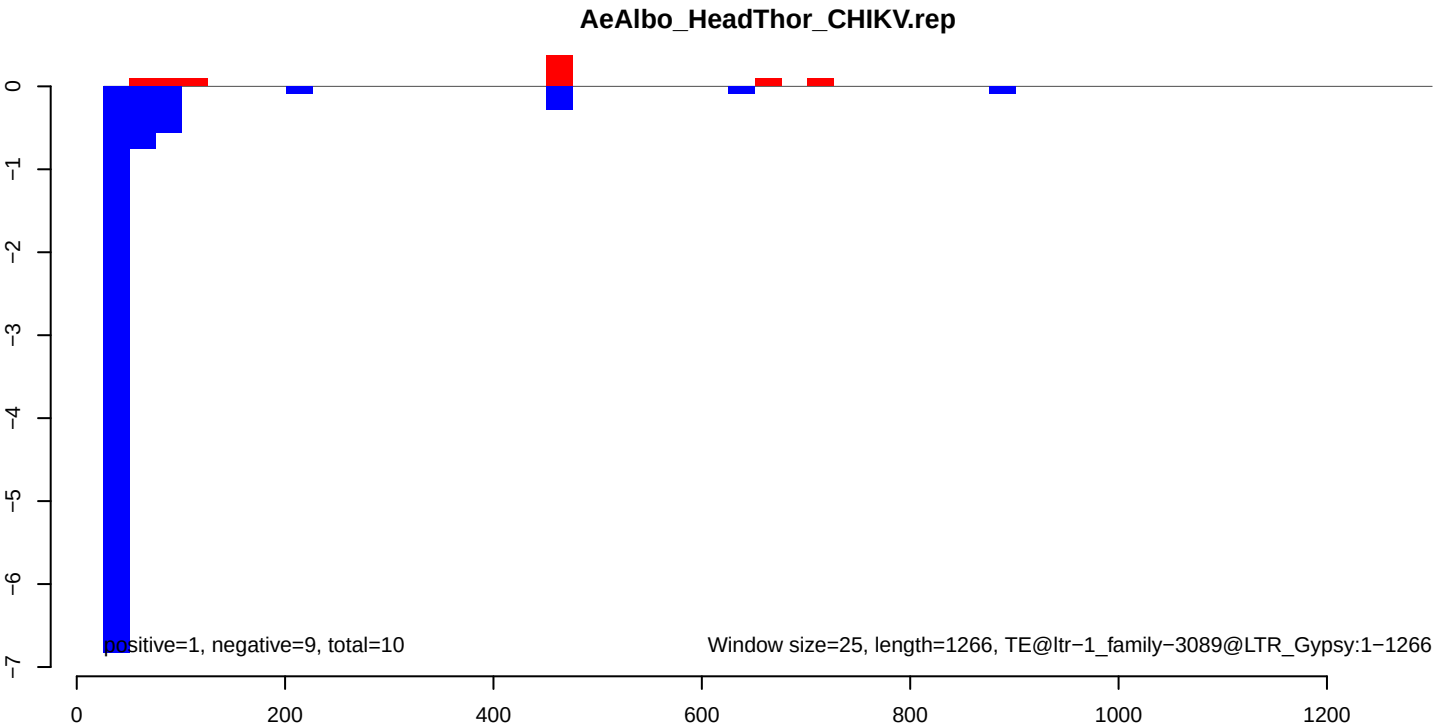

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=1120, TE@ltr−1_family−3297@LTR_Gypsy:1−1120
0
200
400
600
800
1000

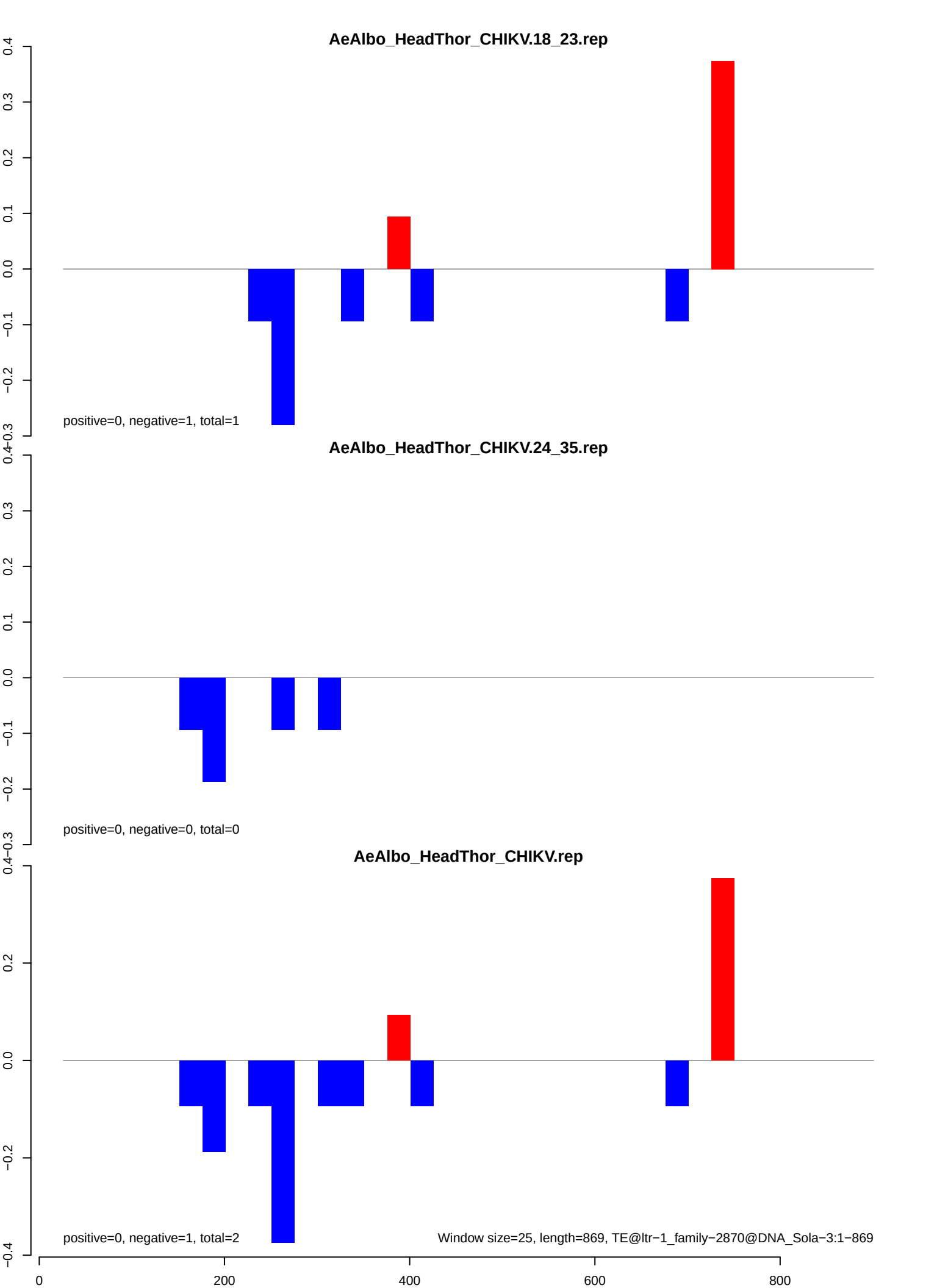

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=32, total=33
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=32, total=33
Window size=25, length=3977, TE@ltr−1_family−3224@LTR_Pao:1−3977
0
1000
2000
3000
4000

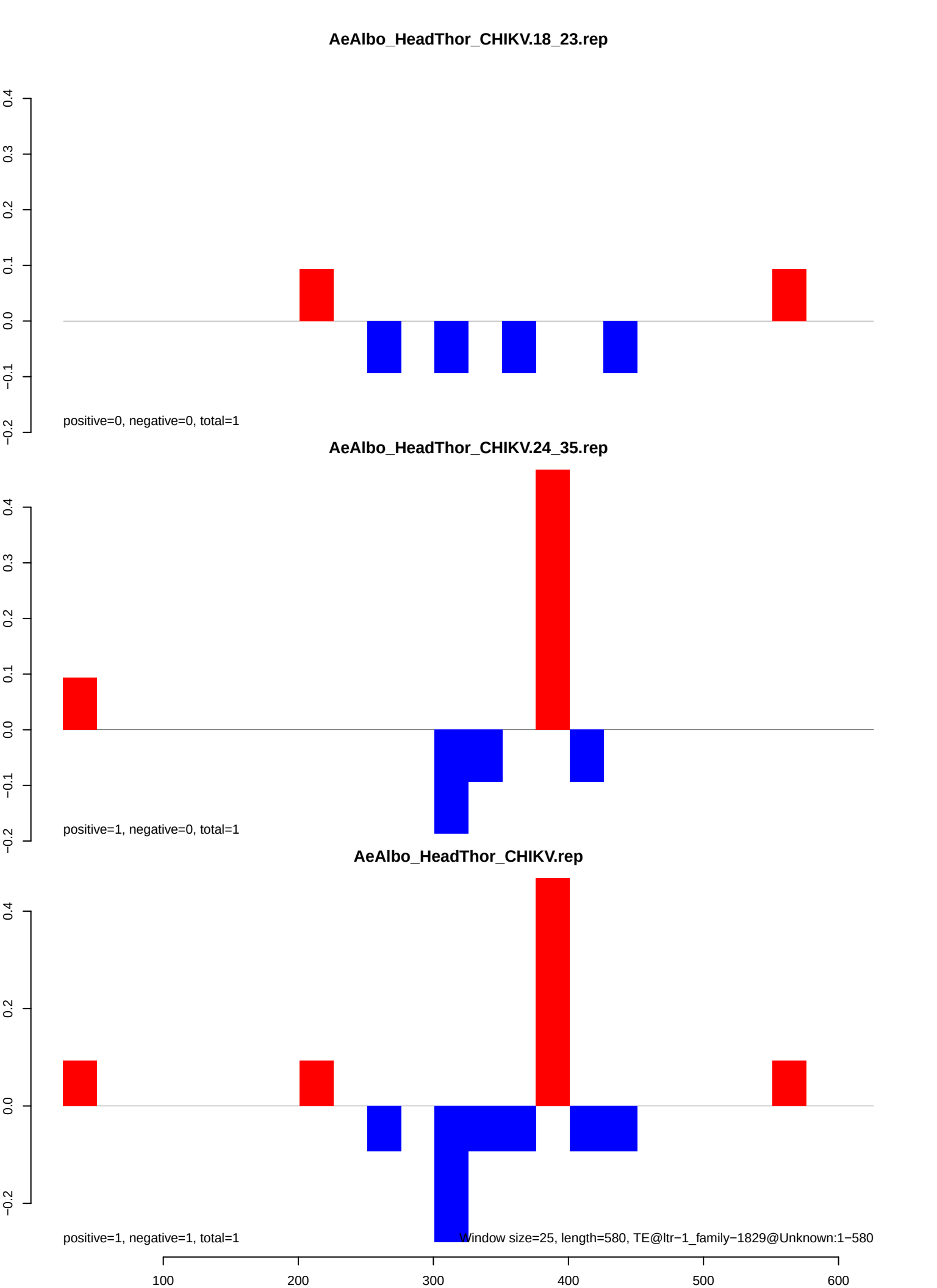

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2
Window size=25, length=2722, TE@ltr−1_family−3098@LTR_Pao:1−2722
0
500
1000
1500
2000
2500

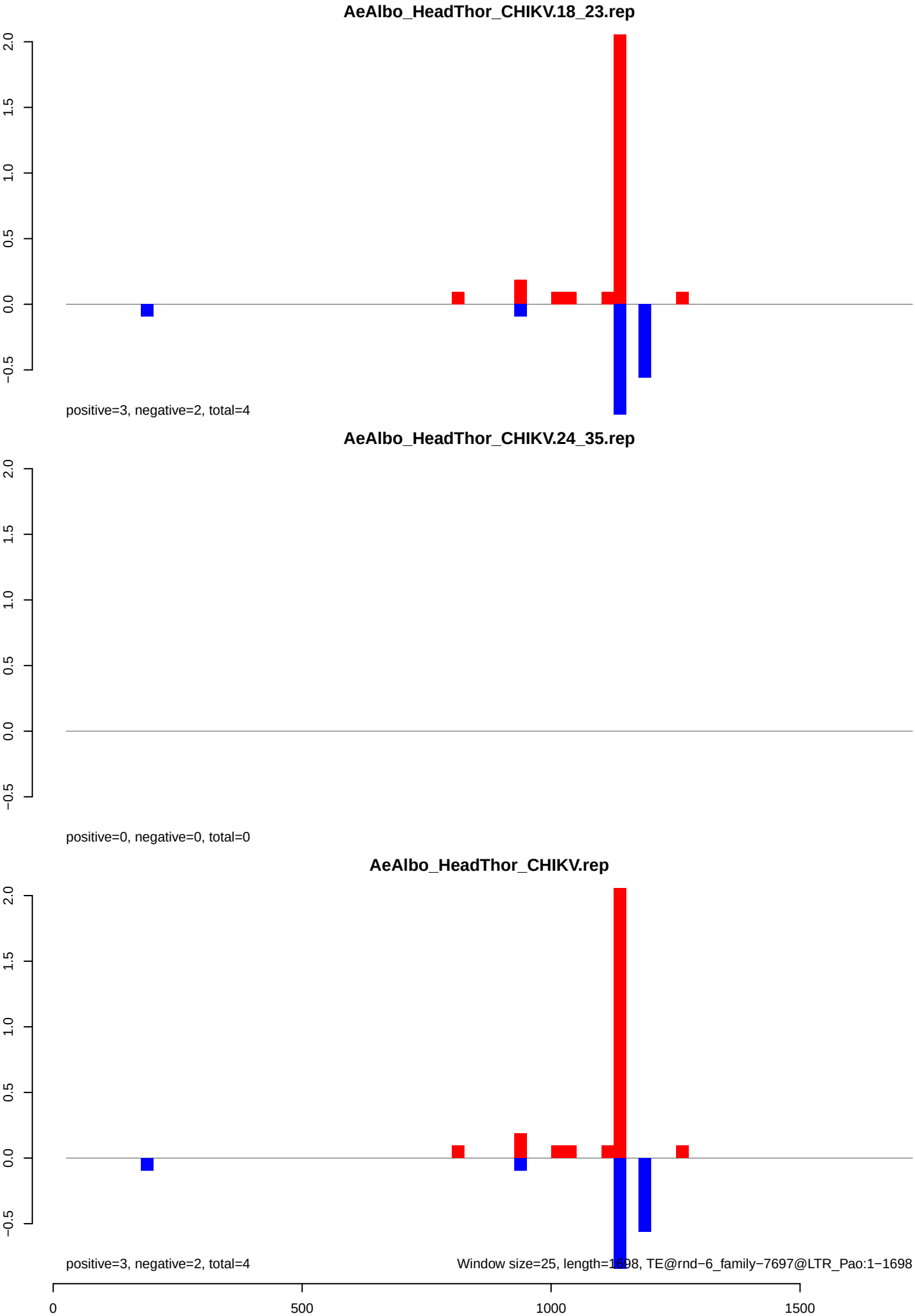

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=1, negative=2, total=3

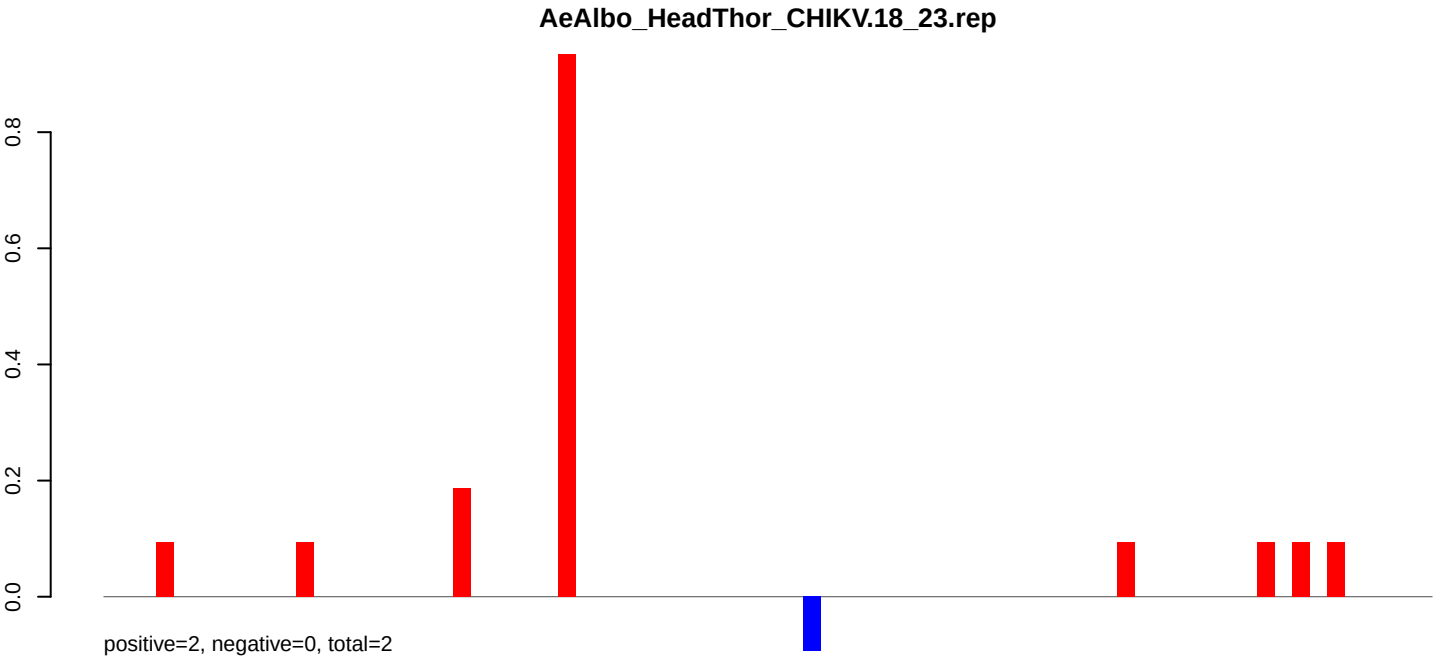

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=7, total=7

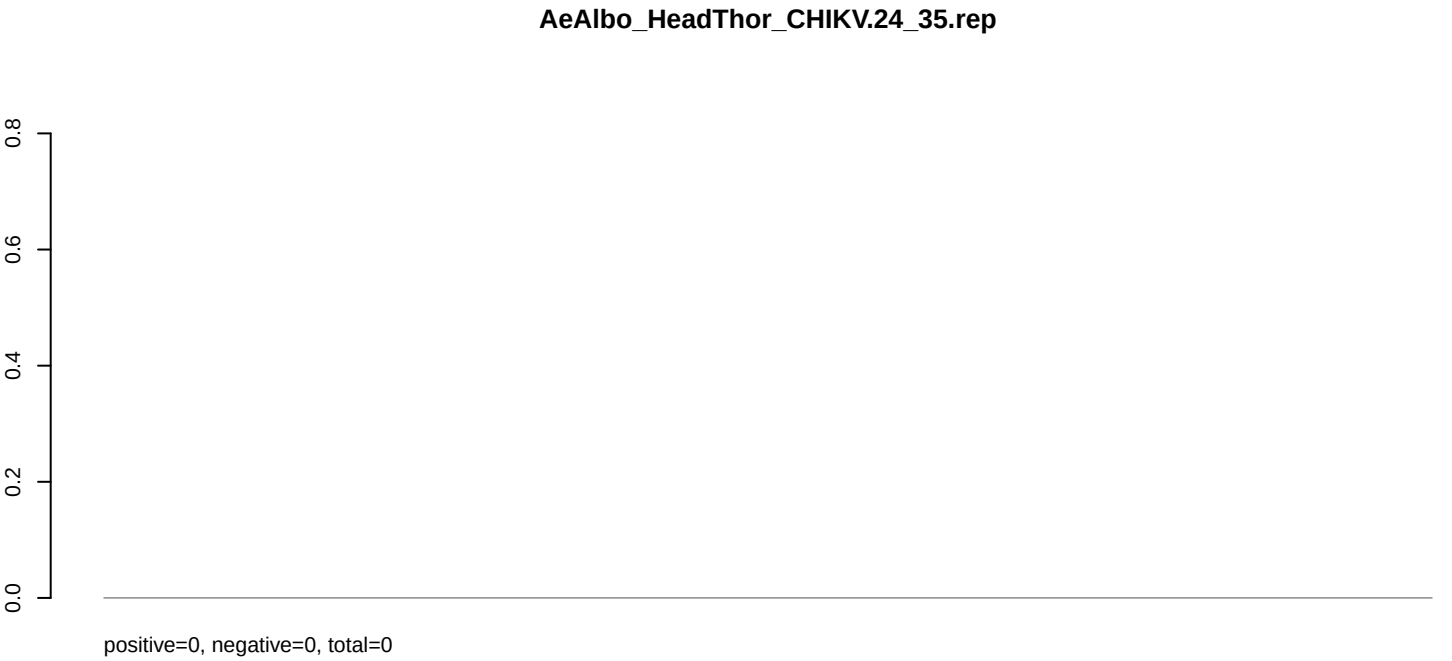

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
−6
−7
positive=1, negative=9, total=10
Window size=25, length=1266, TE@ltr−1_family−3089@LTR_Gypsy:1−1266
0
200
400
600
800
1000
1200

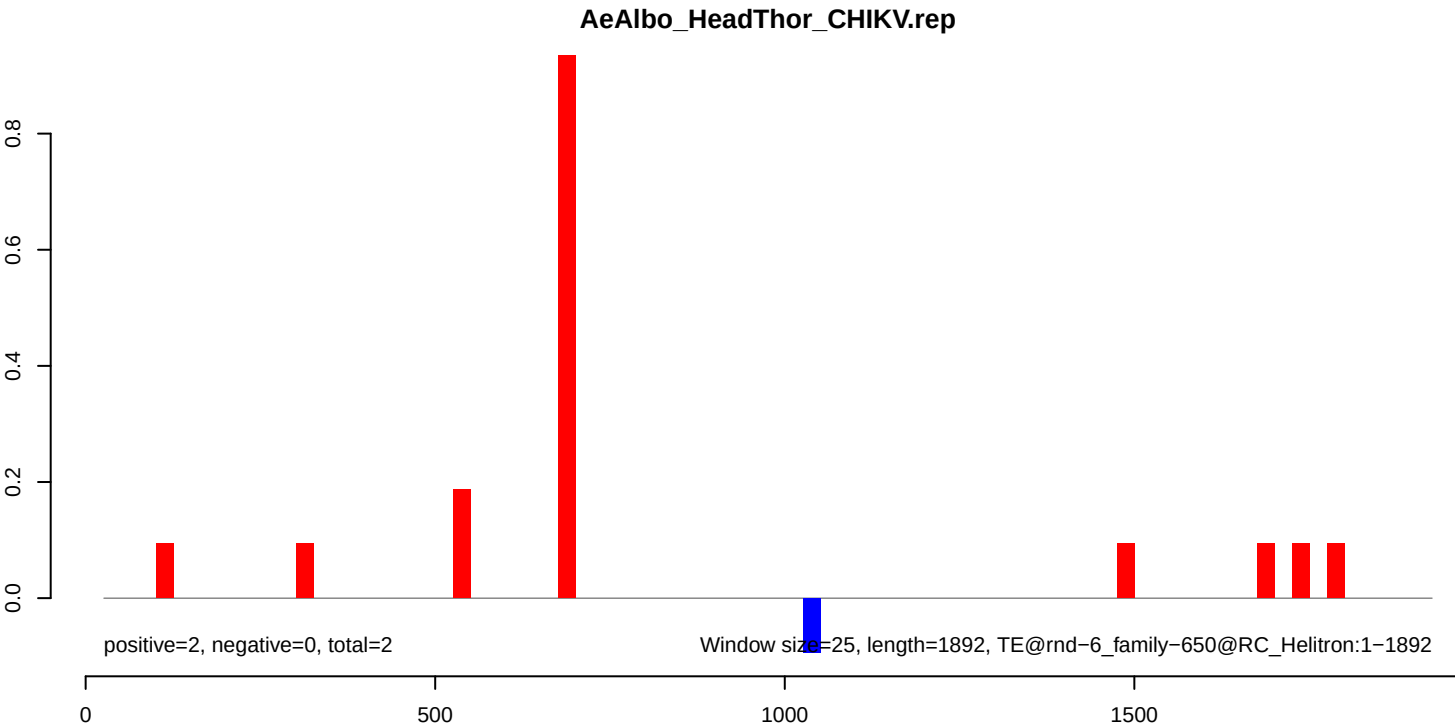

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=2
Window size=25, length=869, TE@ltr−1_family−2870@DNA_Sola−3:1−869
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
200
400
600
800

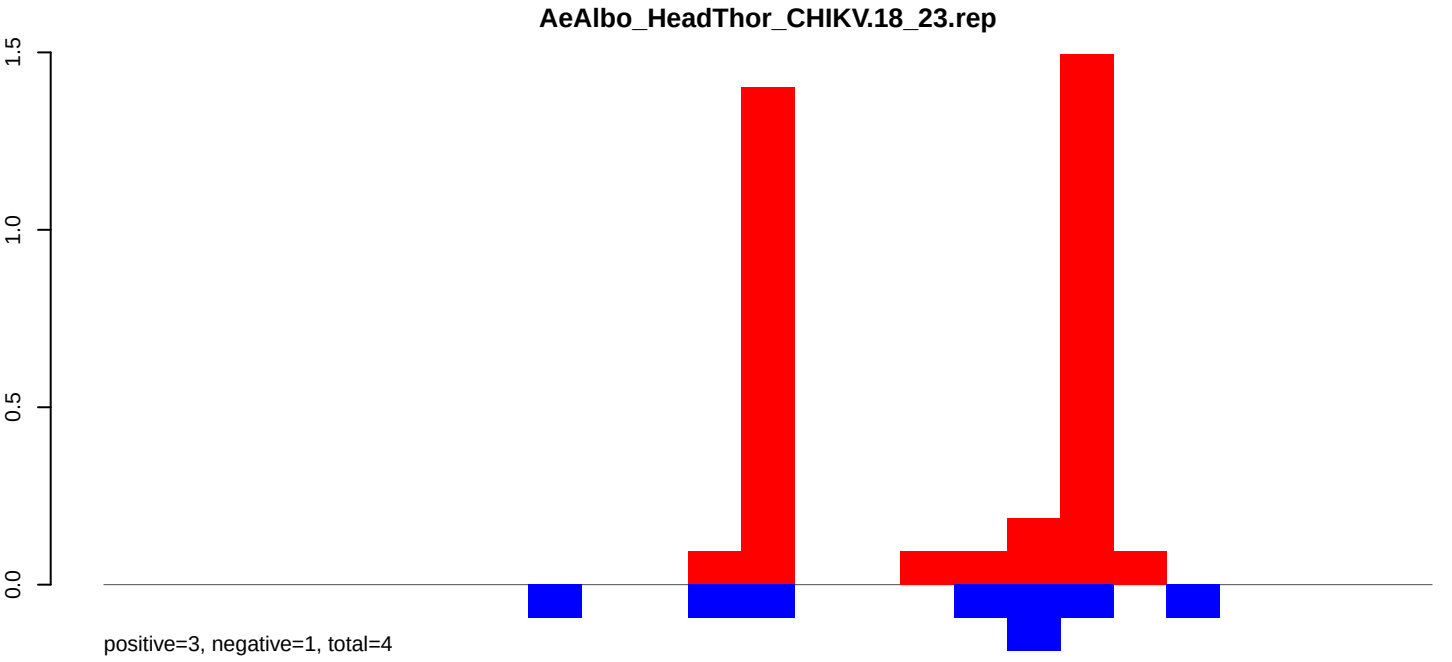

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=1
Window size=25, length=580, TE@ltr−1_family−1829@Unknown:1−580
100
200
300
400
500
600

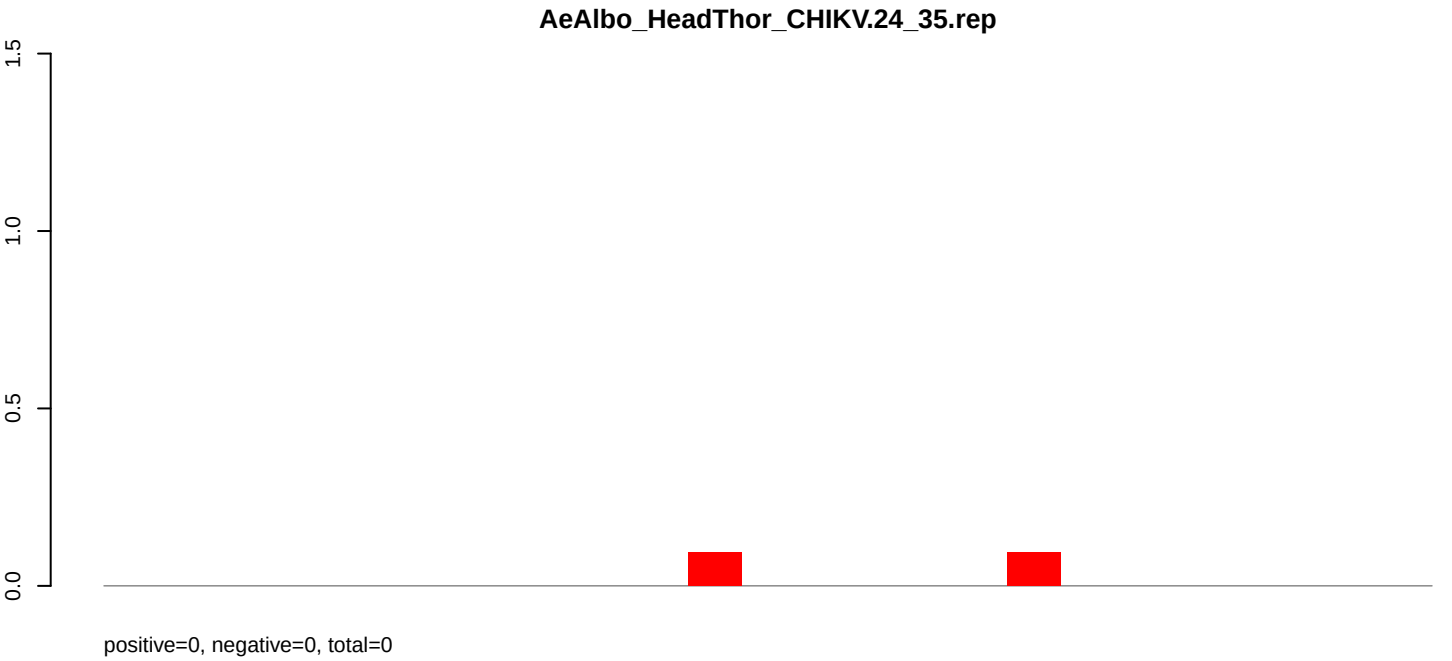

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=4
Window size=25, length=1698, TE@rnd−6_family−7697@LTR_Pao:1−1698
0
500
1000
1500

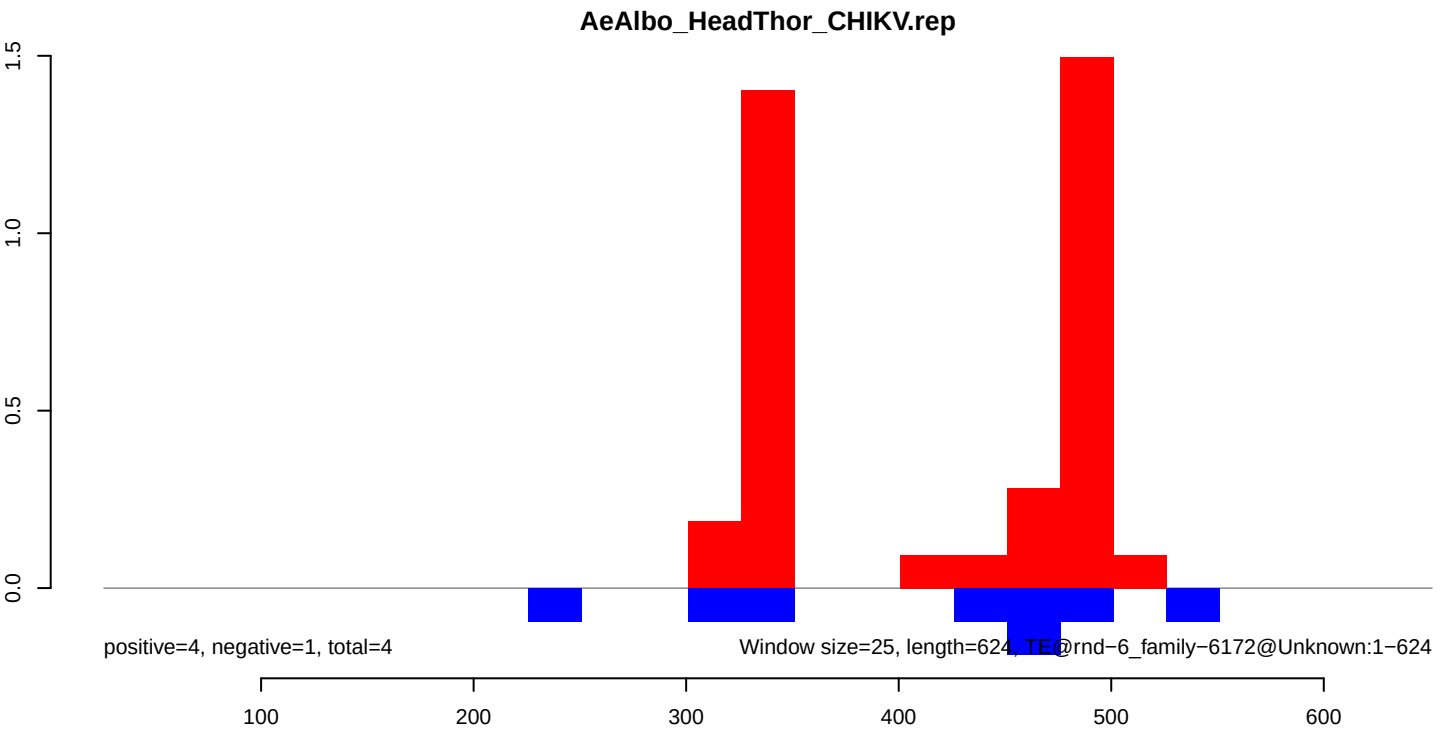

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=0, total=2

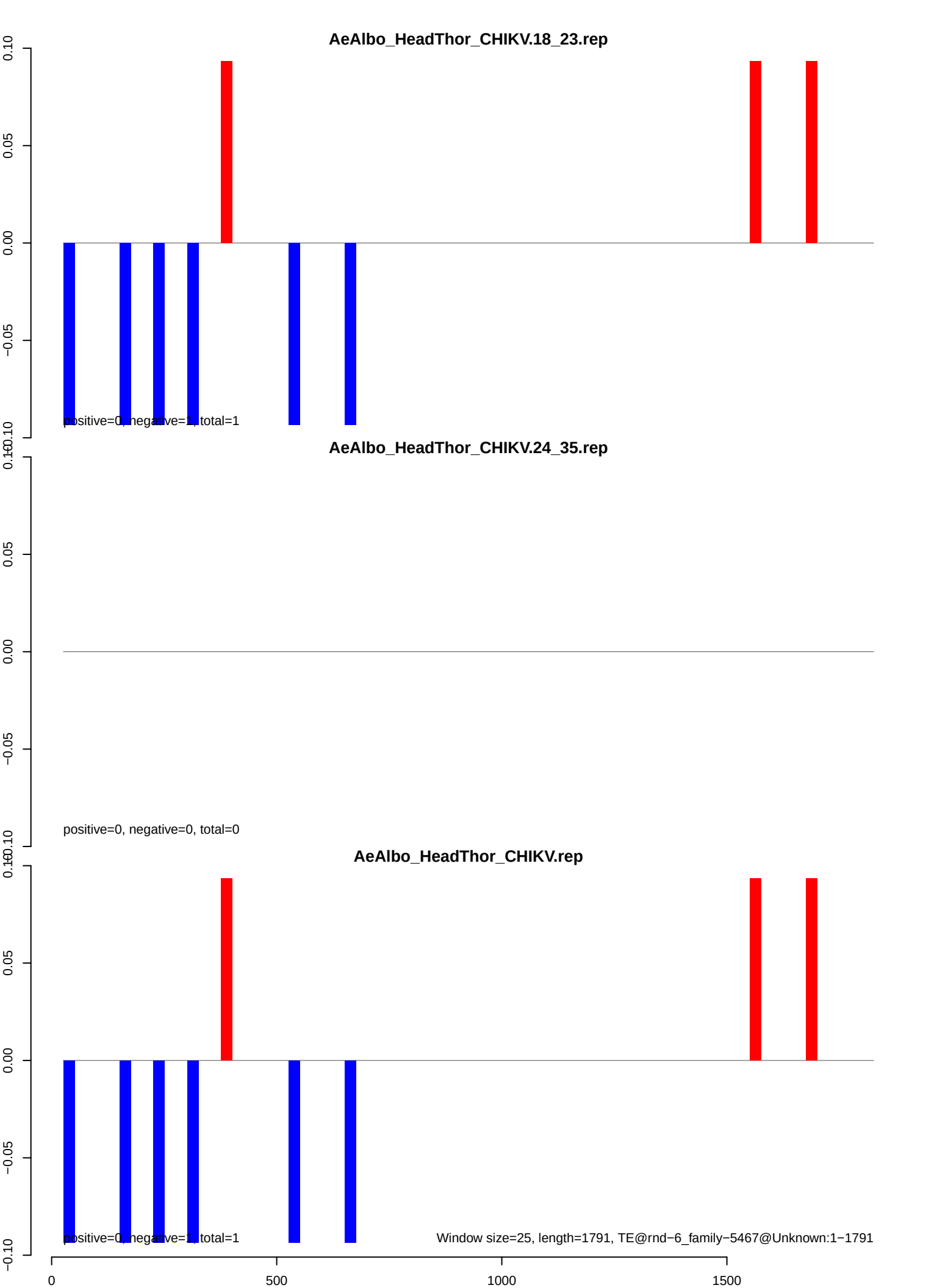

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0

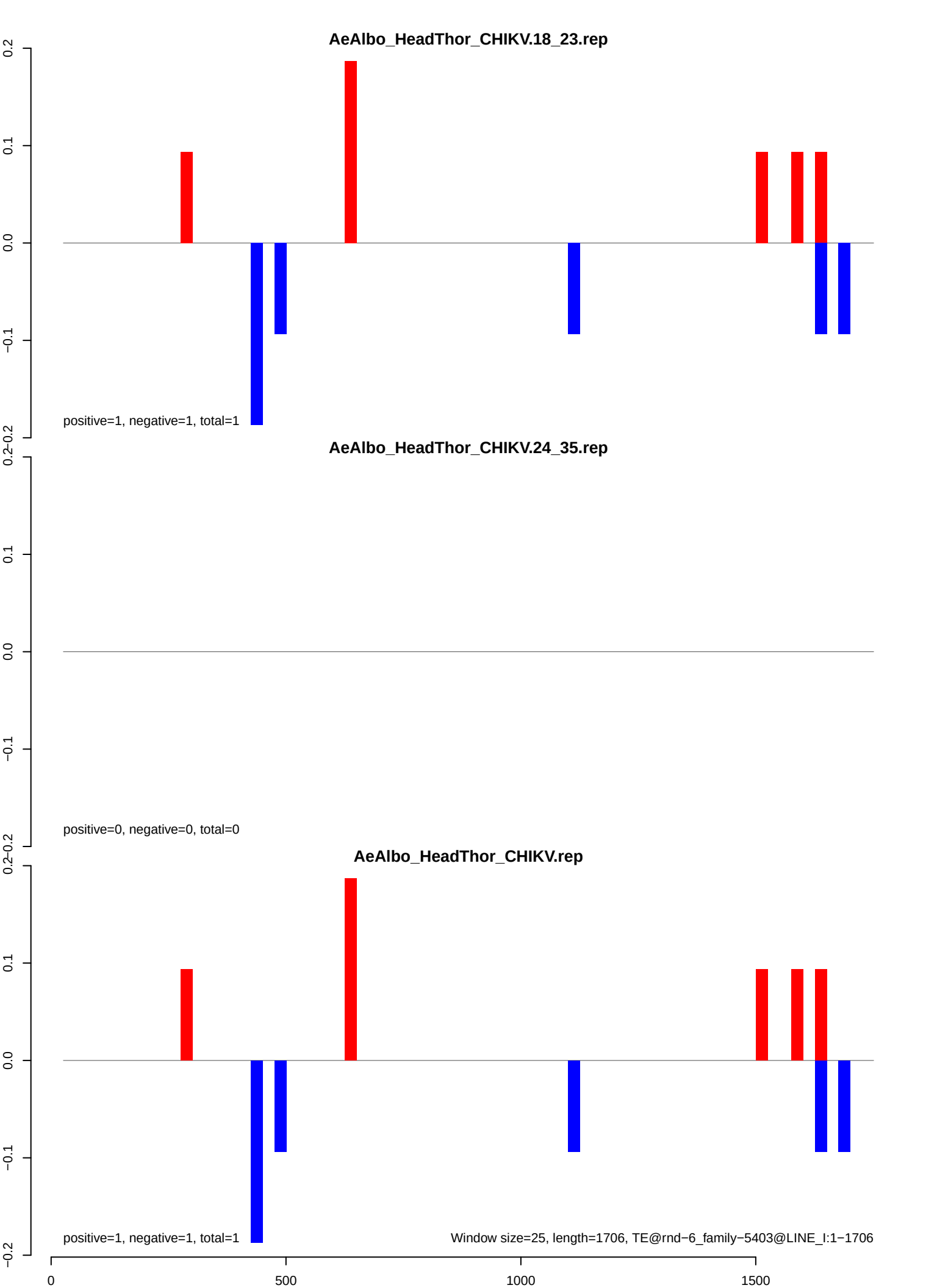

AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=0, total=2
Window size=25, length=1892, TE@rnd−6_family−650@RC_Helitron:1−1892
0
500
1000
1500
2000

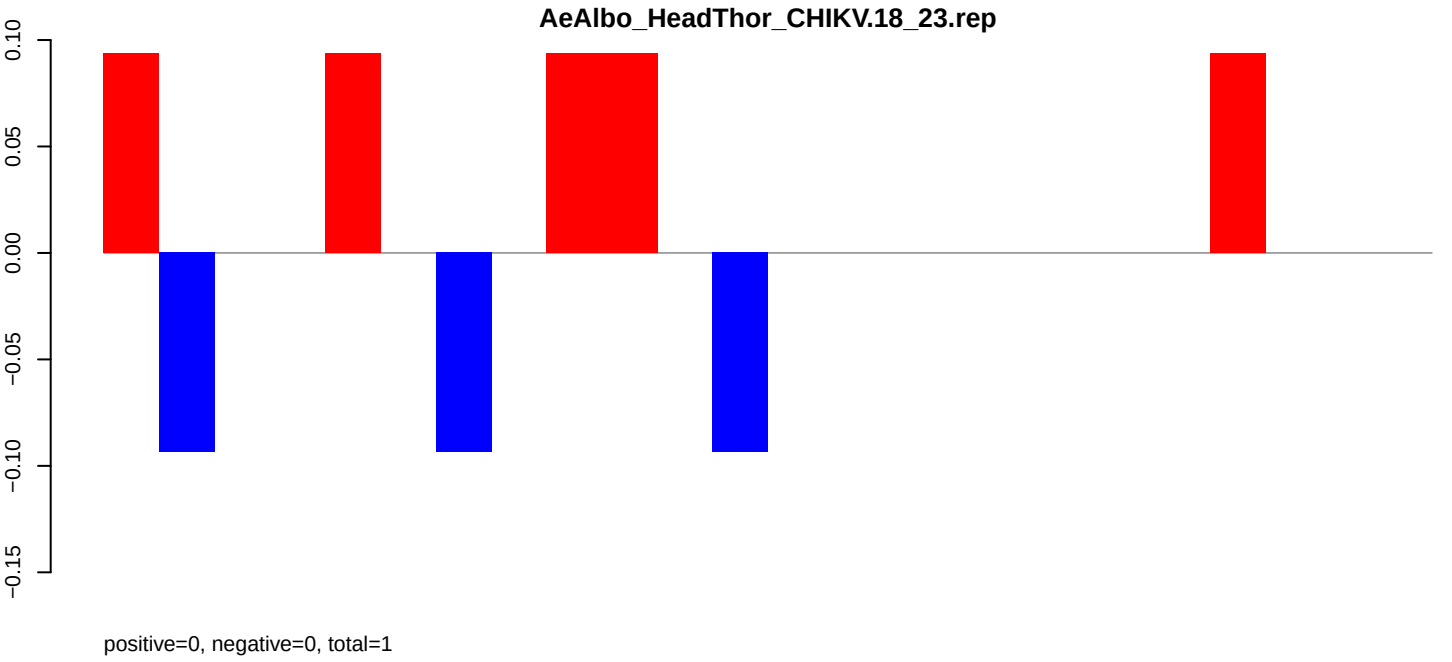

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=4

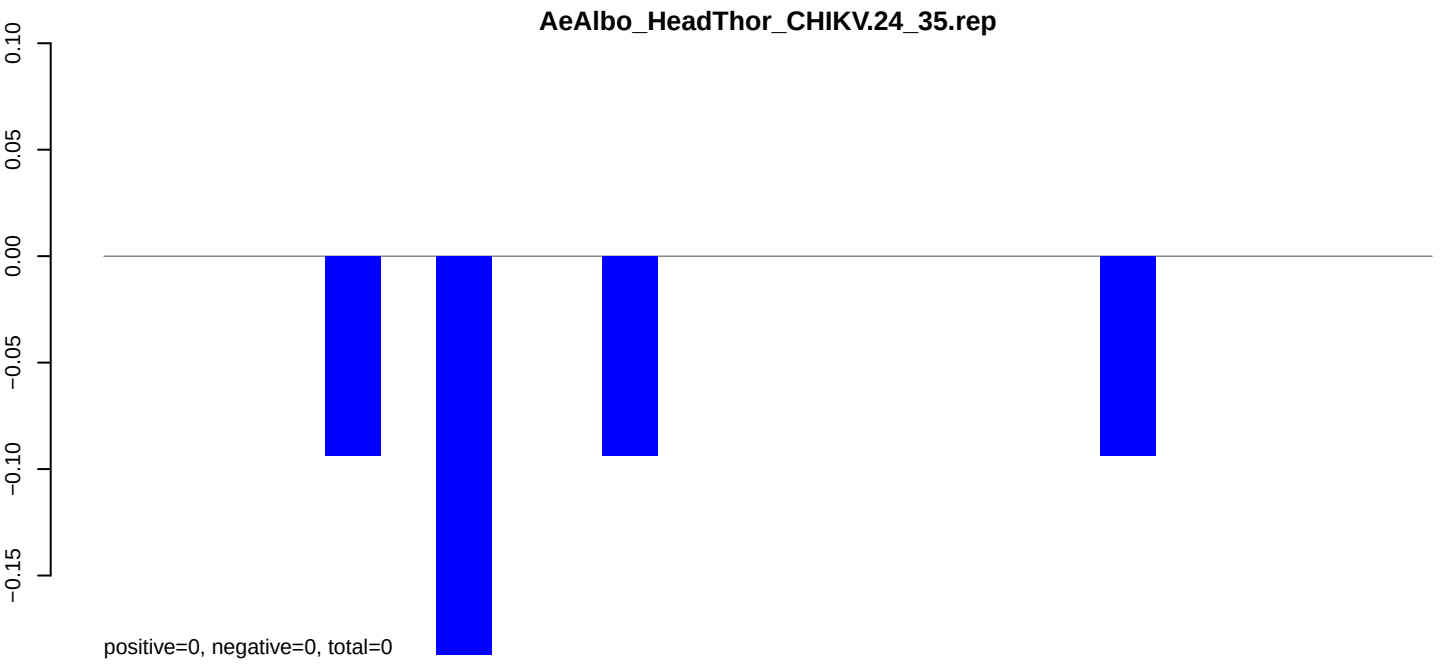

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

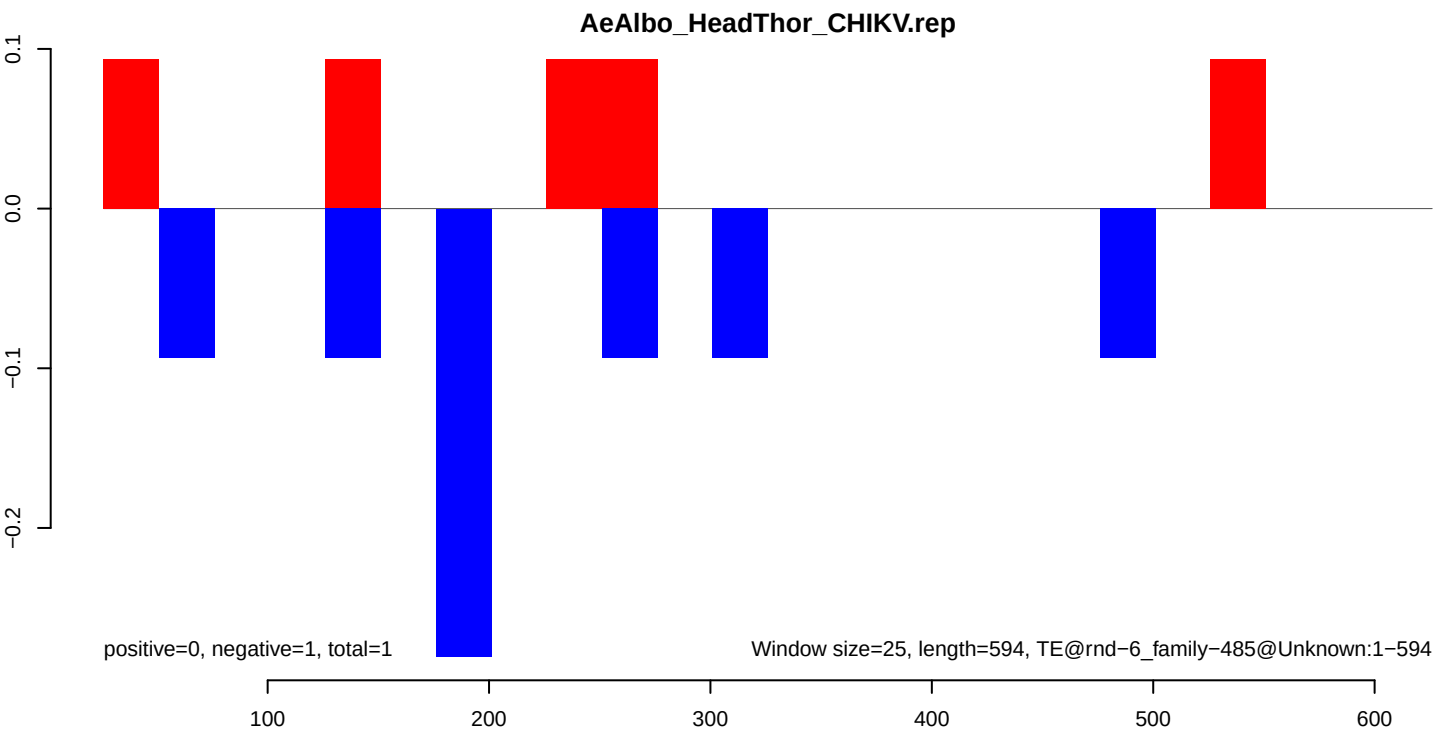

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=4, negative=1, total=4
Window size=25, length=624, TE@rnd−6_family−6172@Unknown:1−624
100
200
300
400
500
600

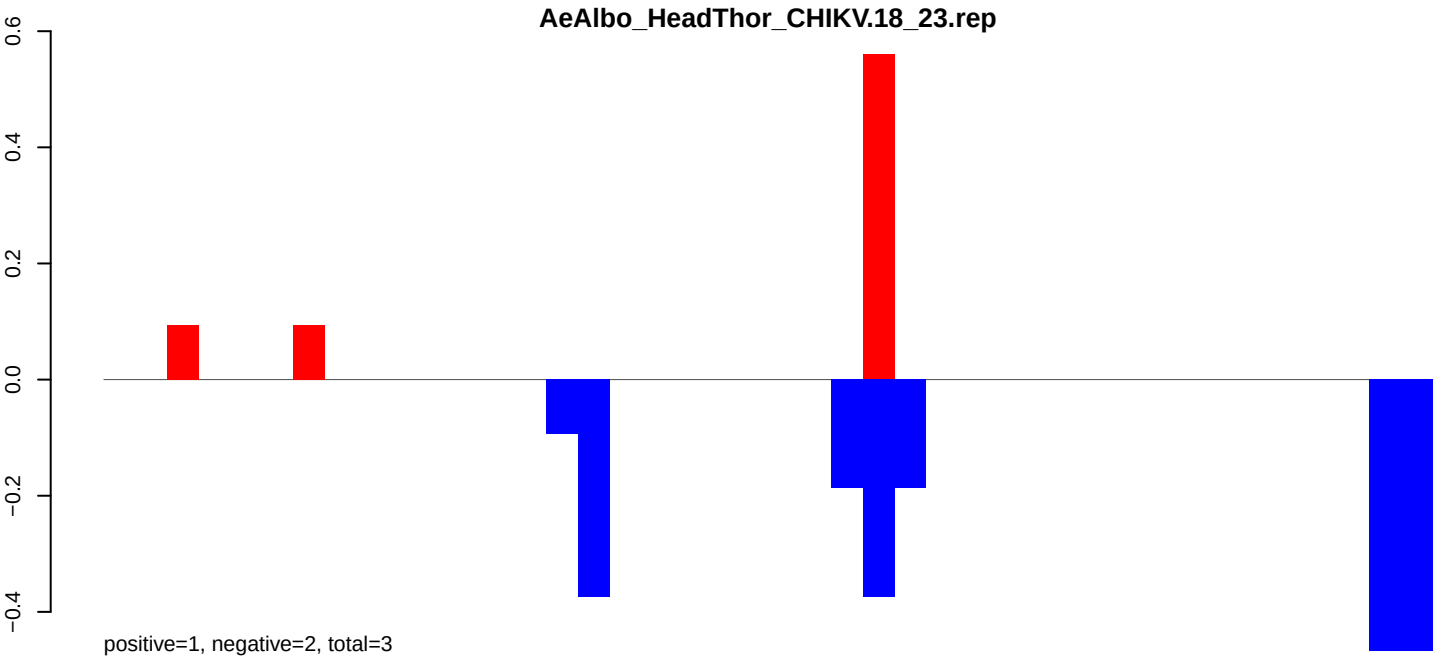

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=1791, TE@rnd−6_family−5467@Unknown:1−1791
0
500
1000
1500

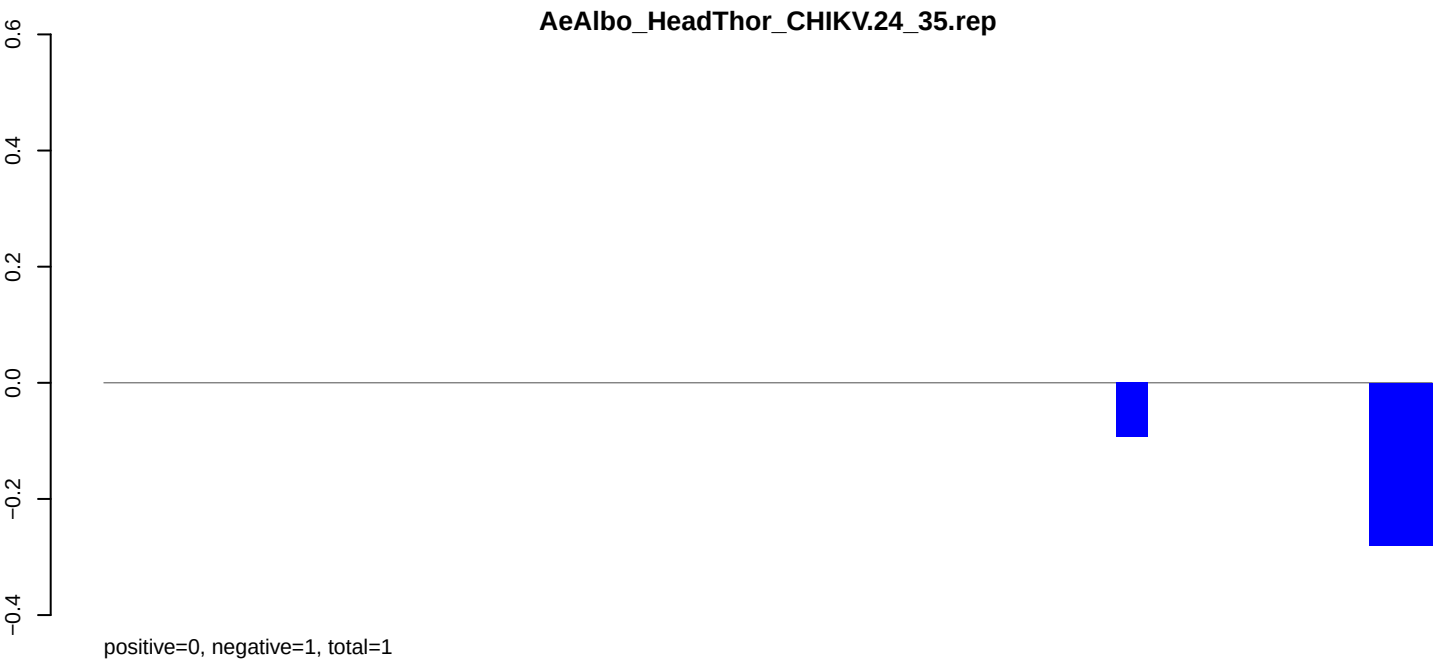

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=1
Window size=25, length=1706, TE@rnd−6_family−5403@LINE_I:1−1706
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500

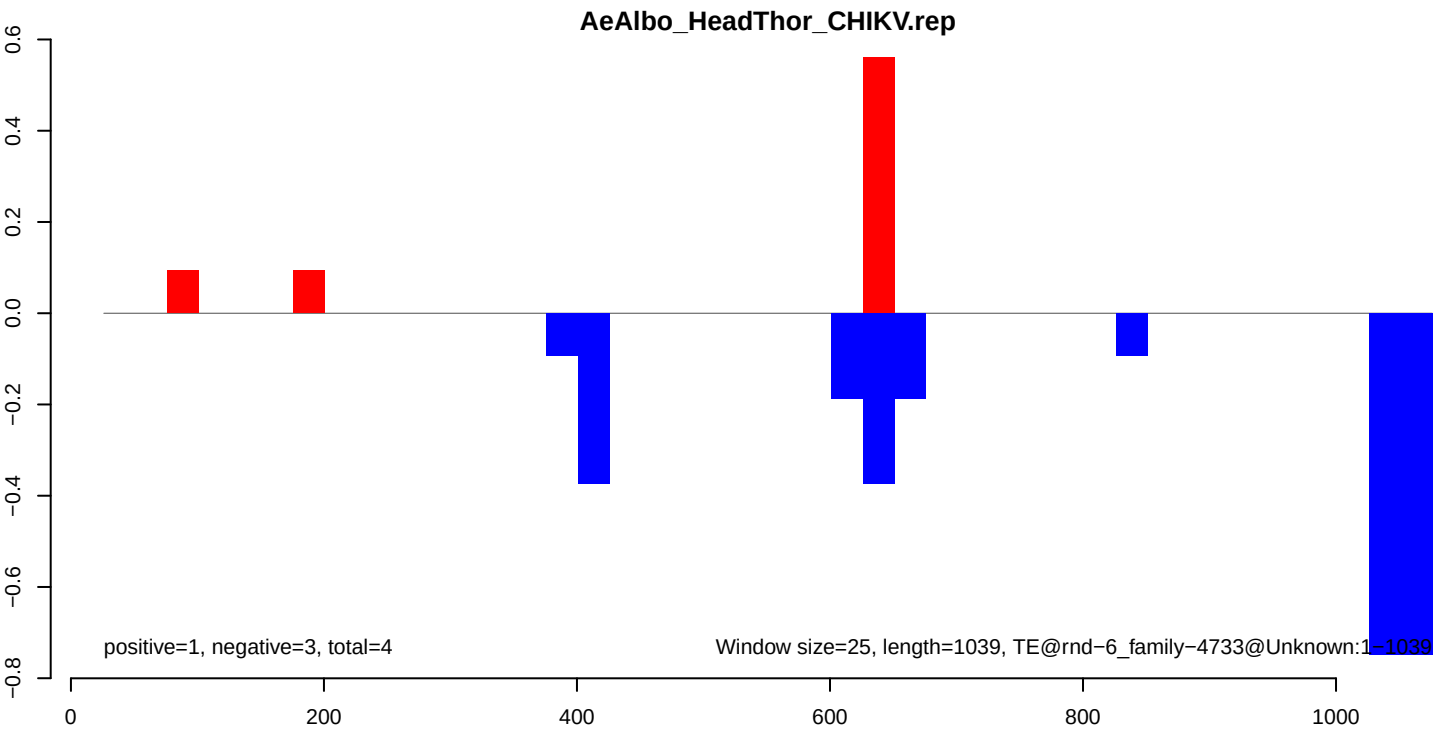

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

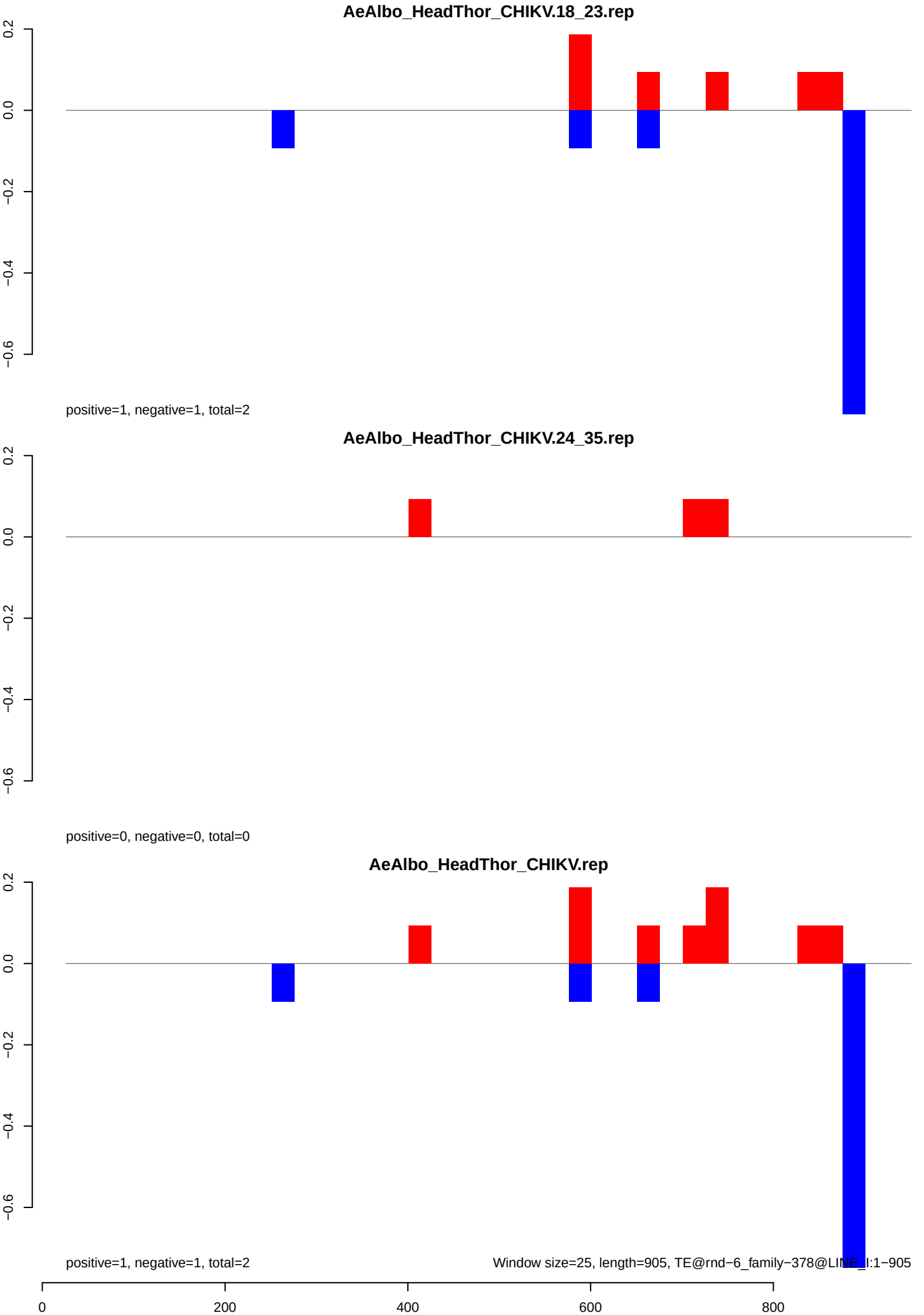

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

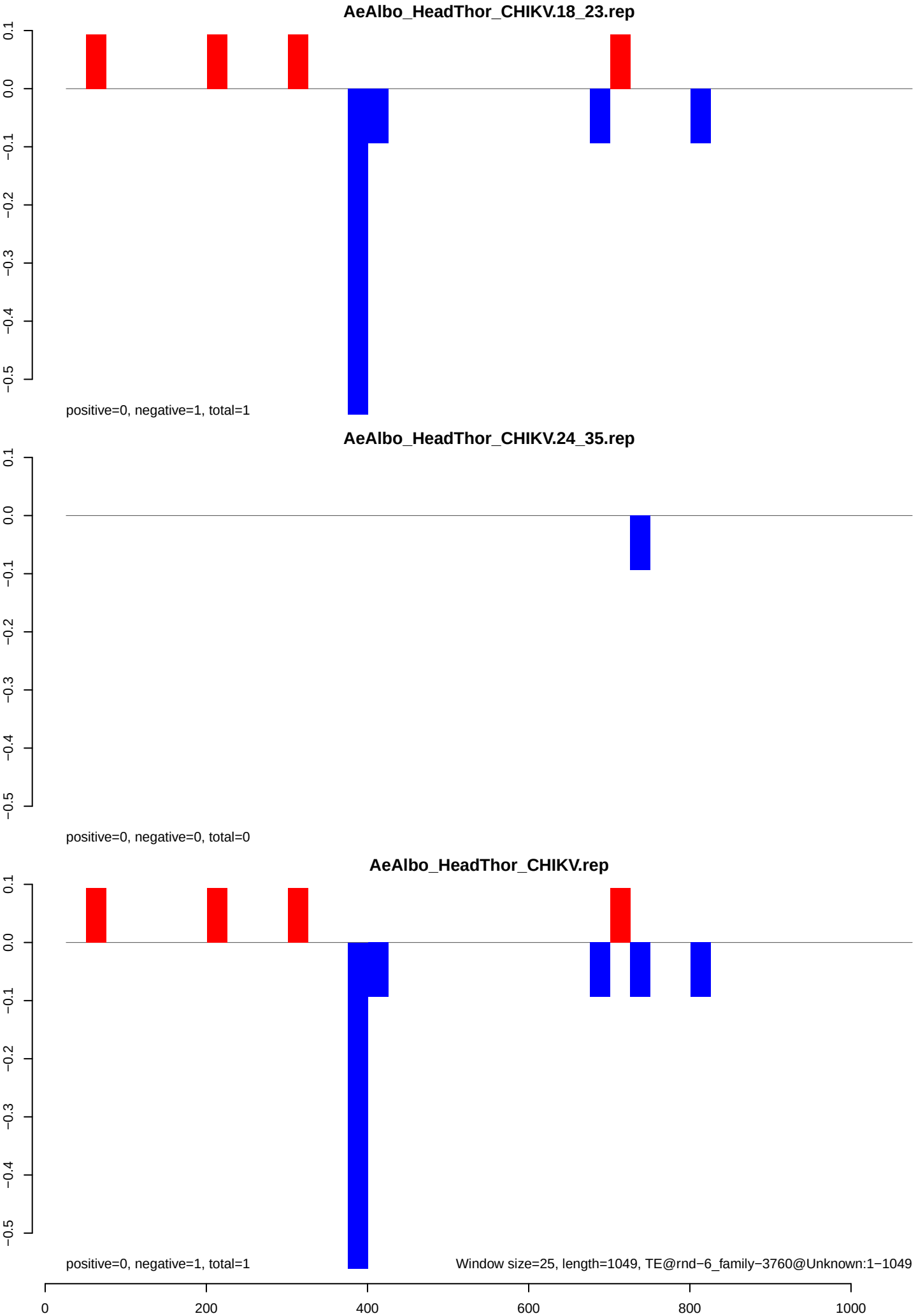

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=594, TE@rnd−6_family−485@Unknown:1−594
100
200
300
400
500
600

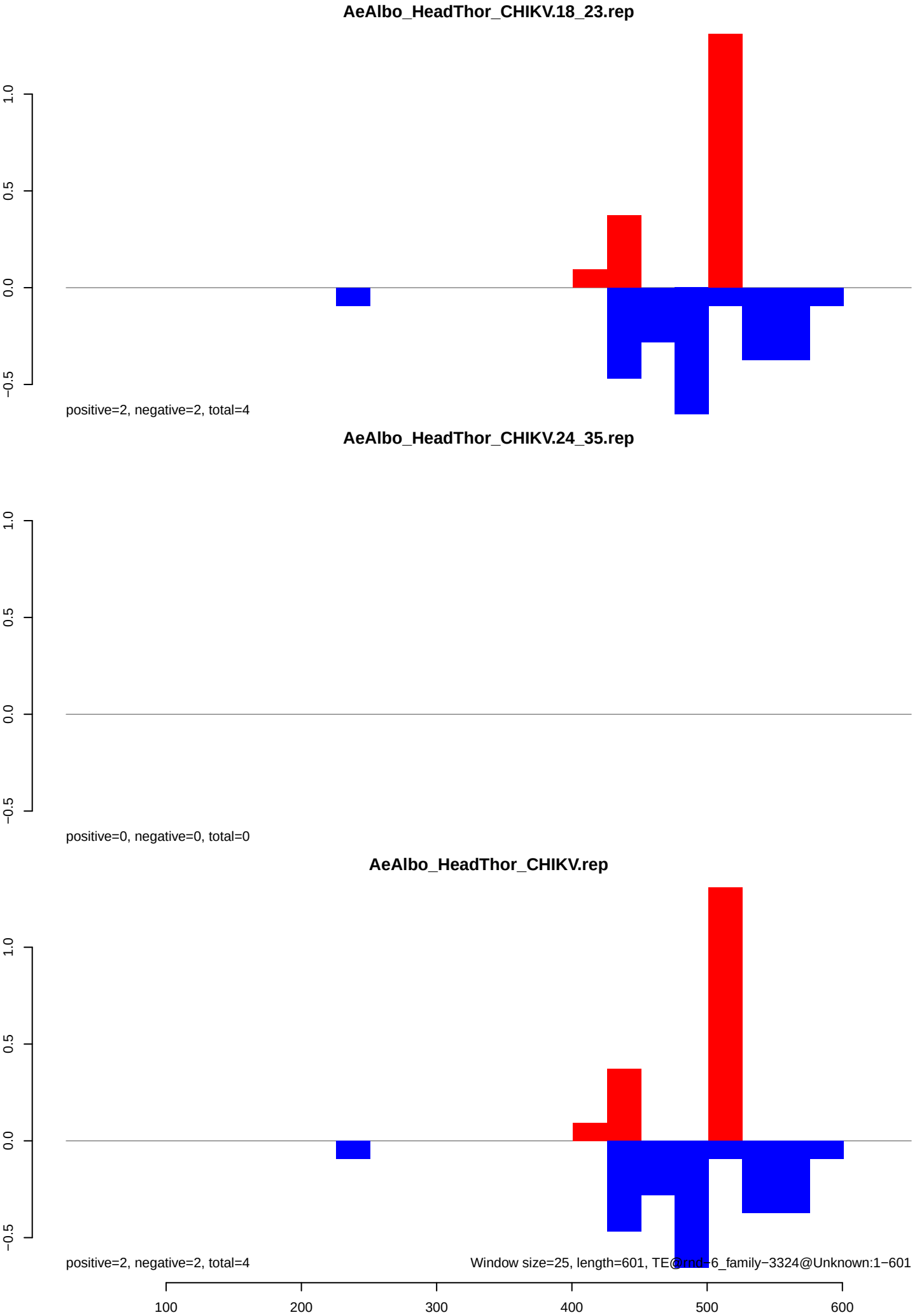

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=2, total=3

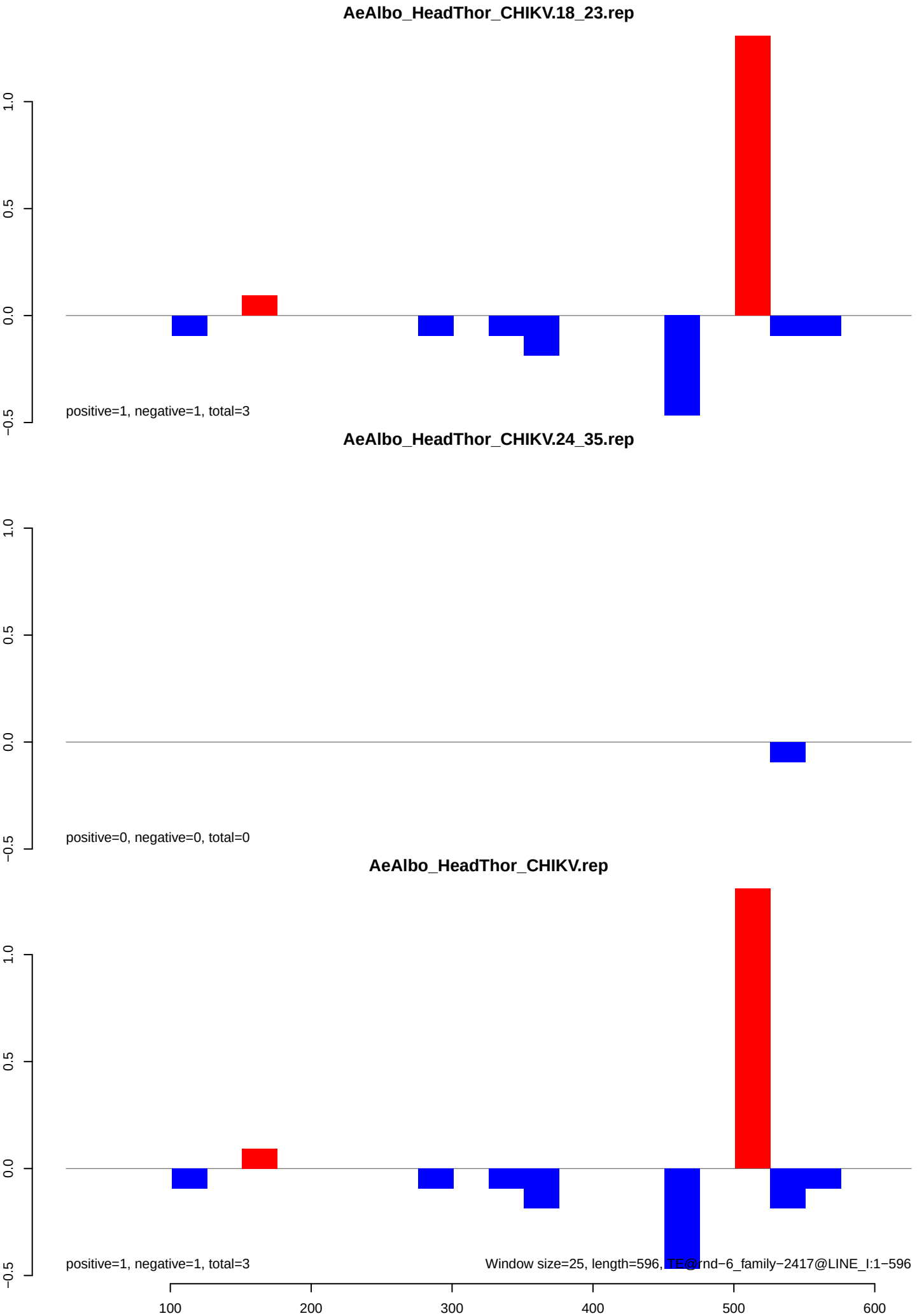

AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1

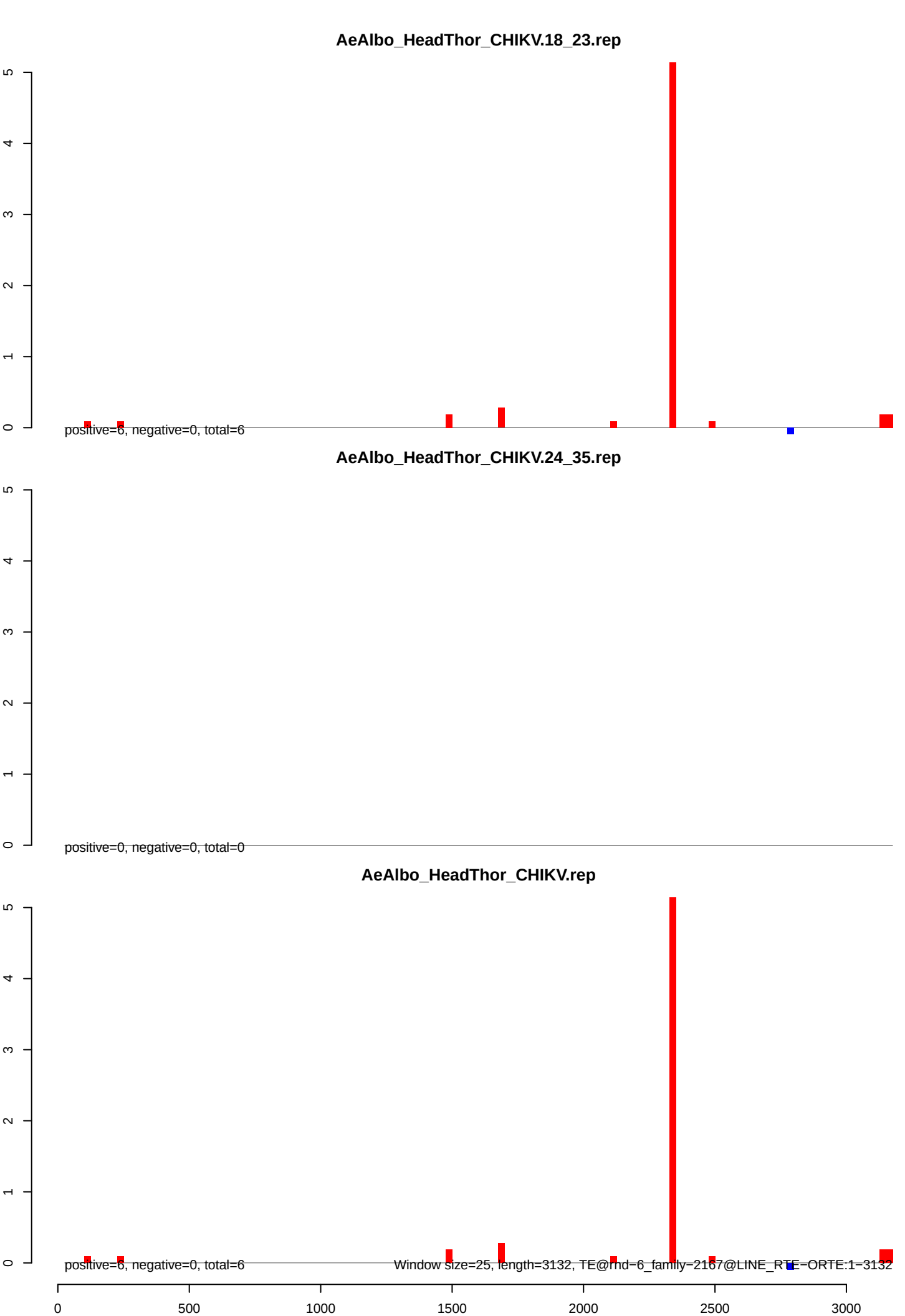

AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=3, total=4
Window size=25, length=1039, TE@rnd−6_family−4733@Unknown:1−1039
0
200
400
600
800
1000

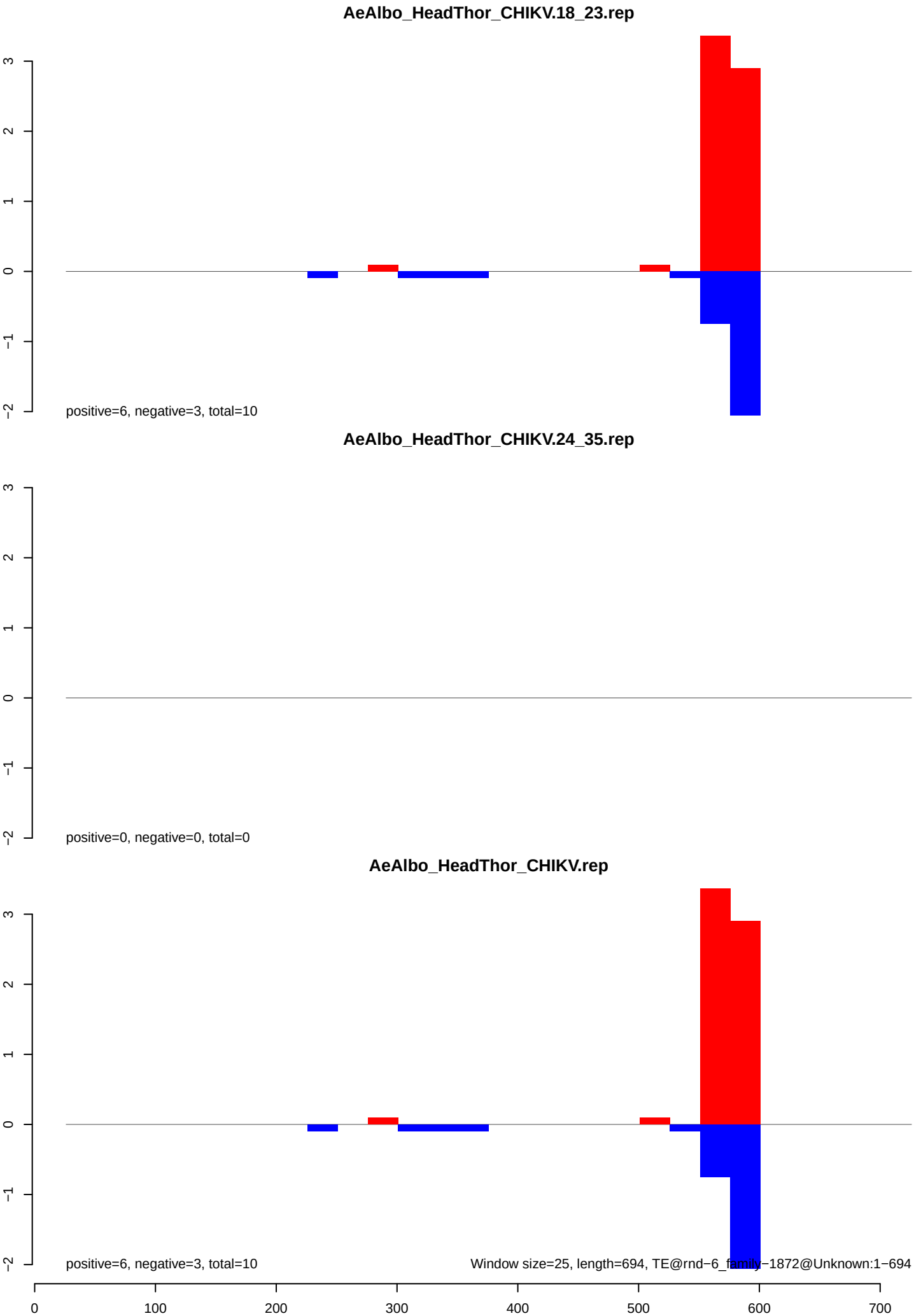

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
Window size=25, length=905, TE@rnd−6_family−378@LINE_I:1−905
0
200
400
600
800

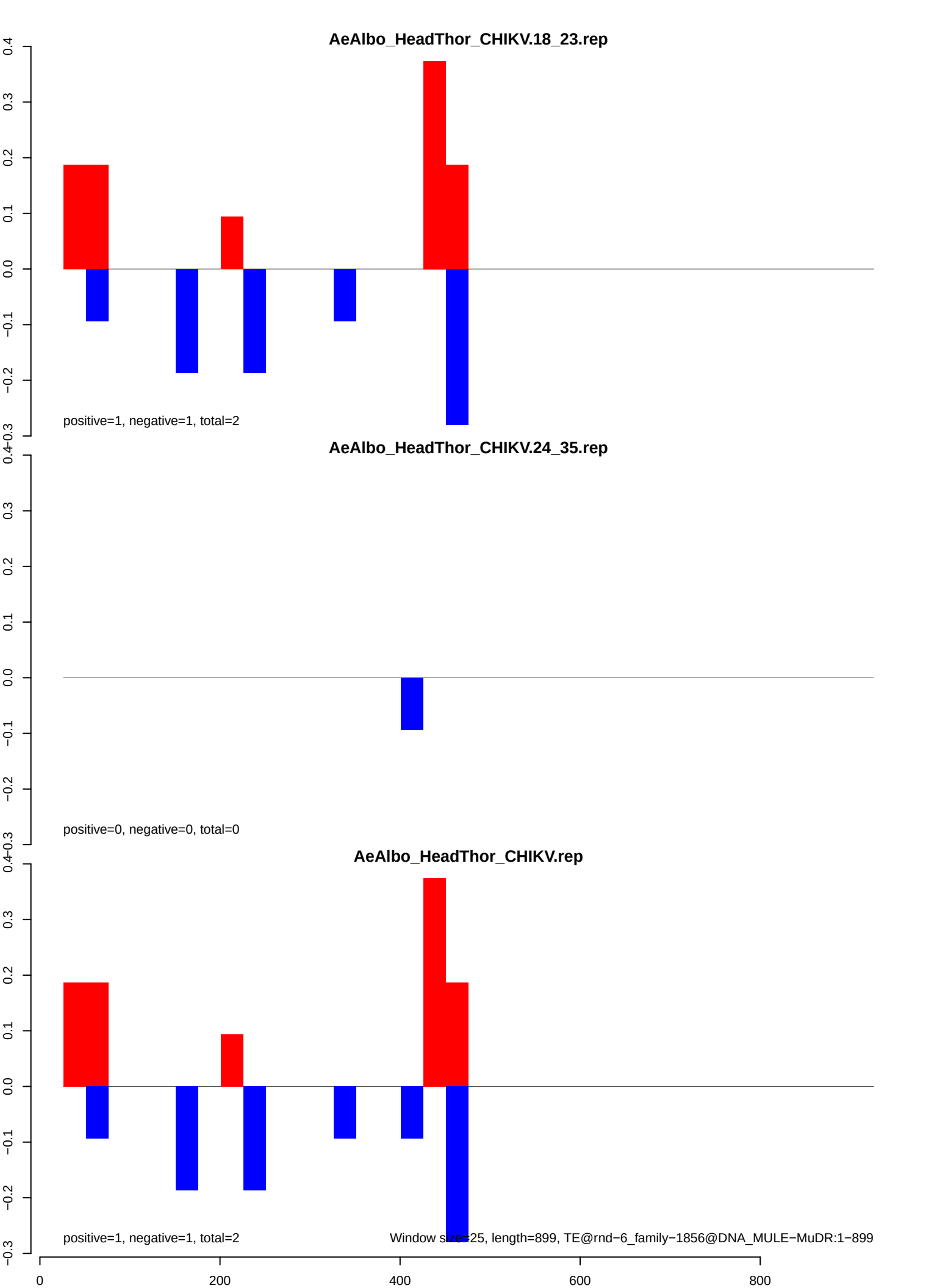

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=1049, TE@rnd−6_family−3760@Unknown:1−1049
0
200
400
600
800
1000

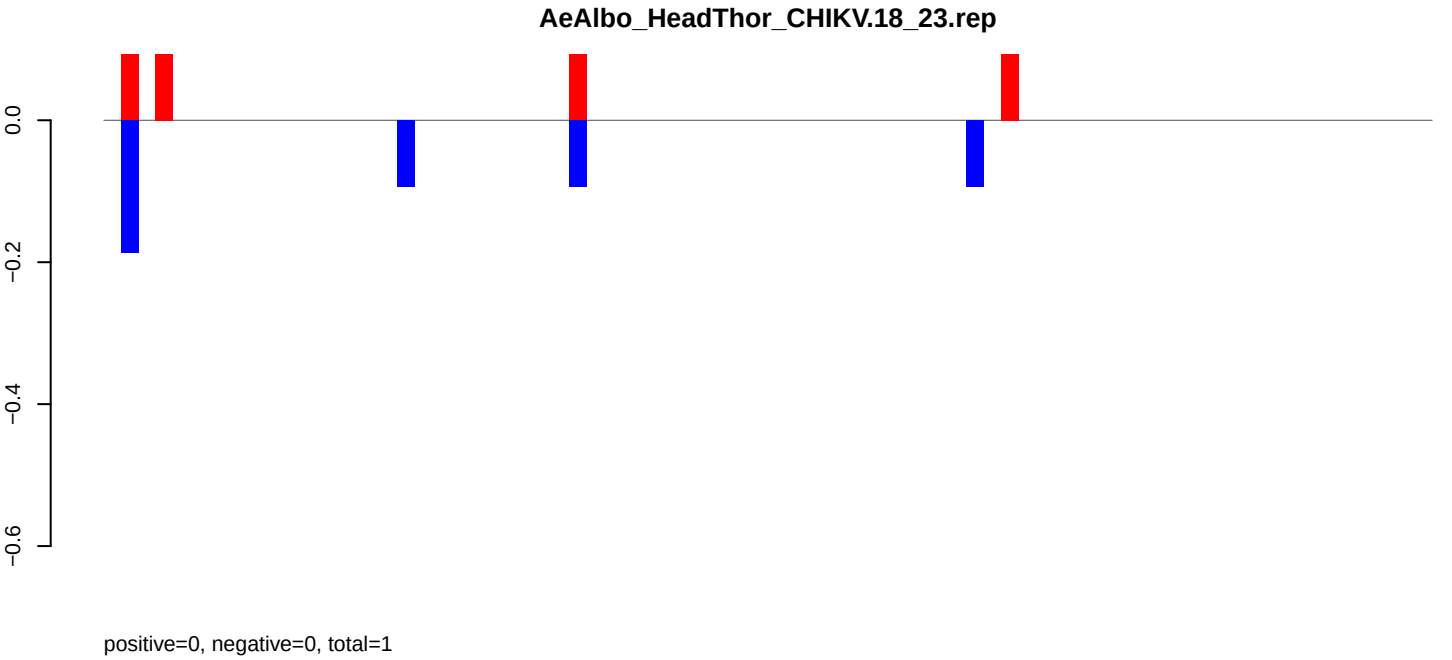

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=2, negative=2, total=4
Window size=25, length=601, TE@rnd−6_family−3324@Unknown:1−601
100
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=1, negative=1, total=3
Window size=25, length=596, TE@rnd−6_family−2417@LINE_I:1−596
100
200
300
400
500
600

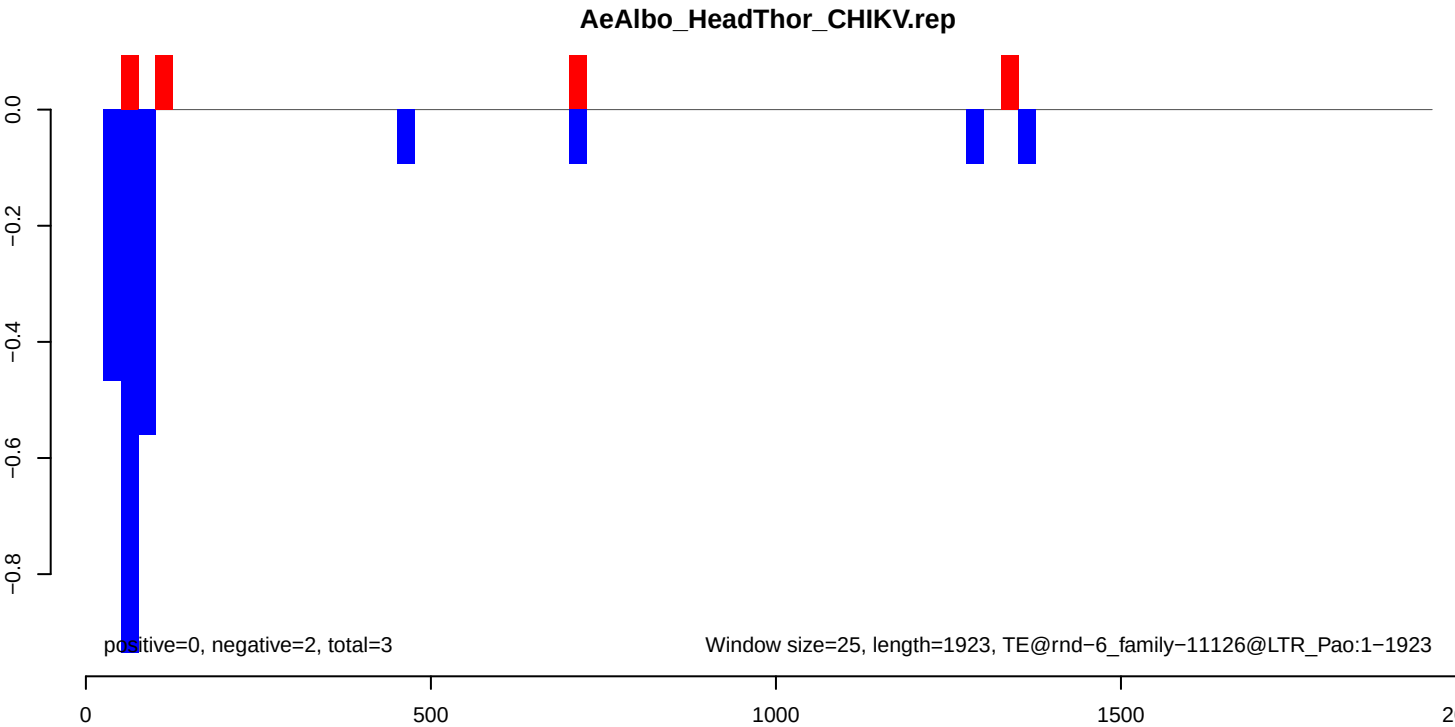

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=0, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=0, total=6
Window size=25, length=3132, TE@rnd−6_family−2167@LINE_RTE−ORTE:1−3132
0
500
1000
1500
2000
2500
3000

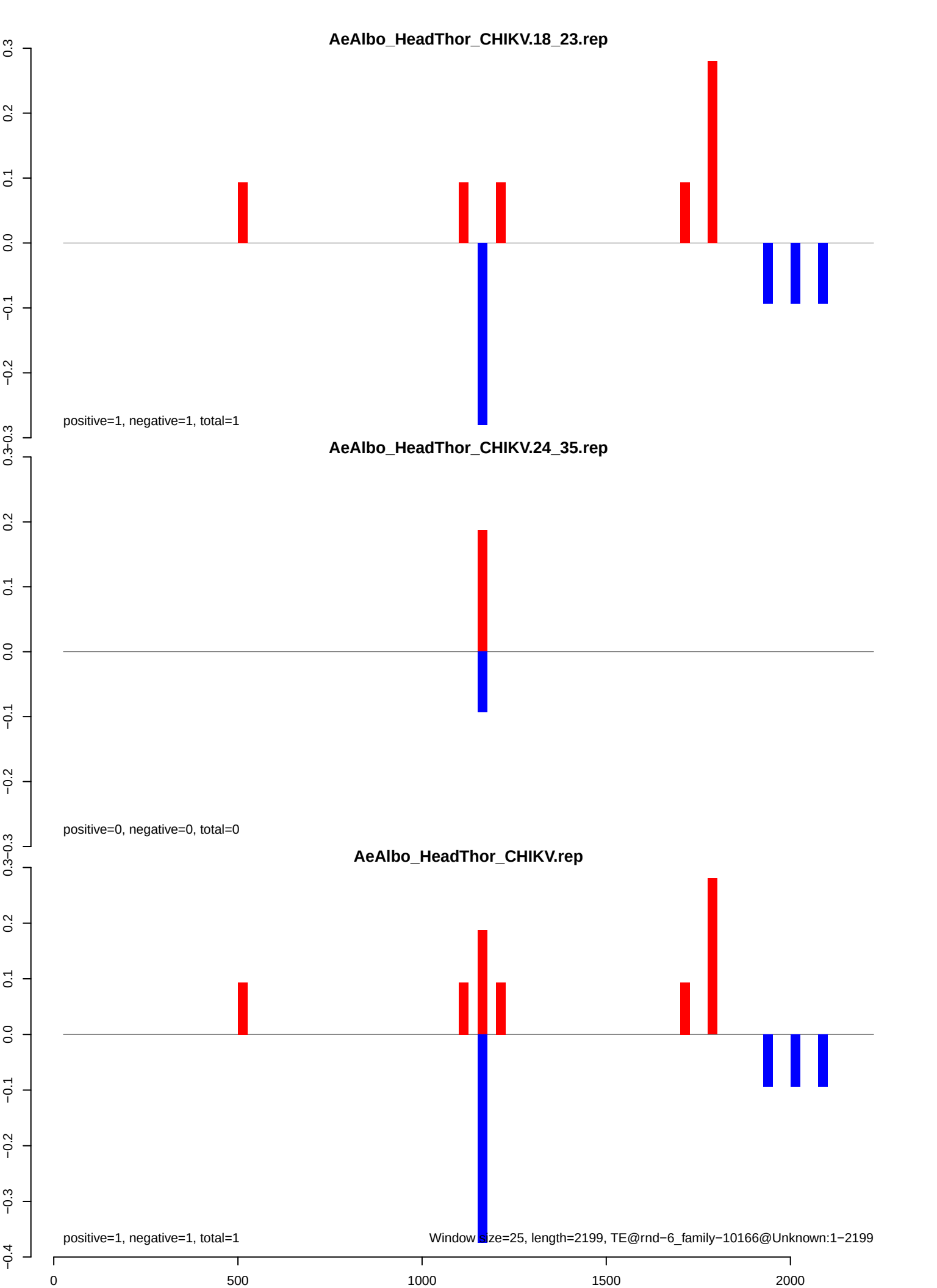

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=3, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=3, total=10
Window size=25, length=694, TE@rnd−6_family−1872@Unknown:1−694
3
2
1
0
−1
−2
0
100
200
300
400
500
600
700

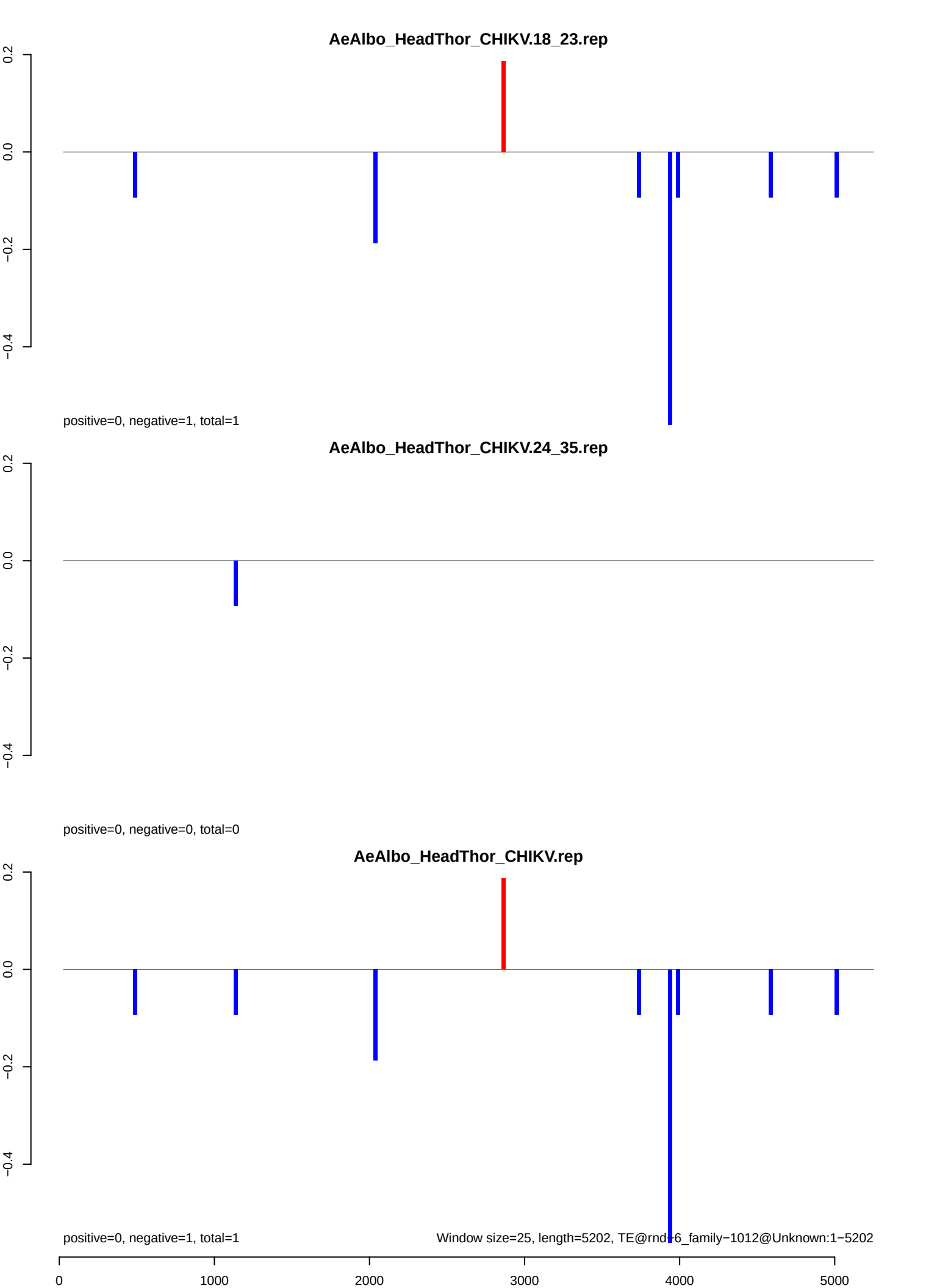

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=899, TE@rnd−6_family−1856@DNA_MULE−MuDR:1−899
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
200
400
600
800

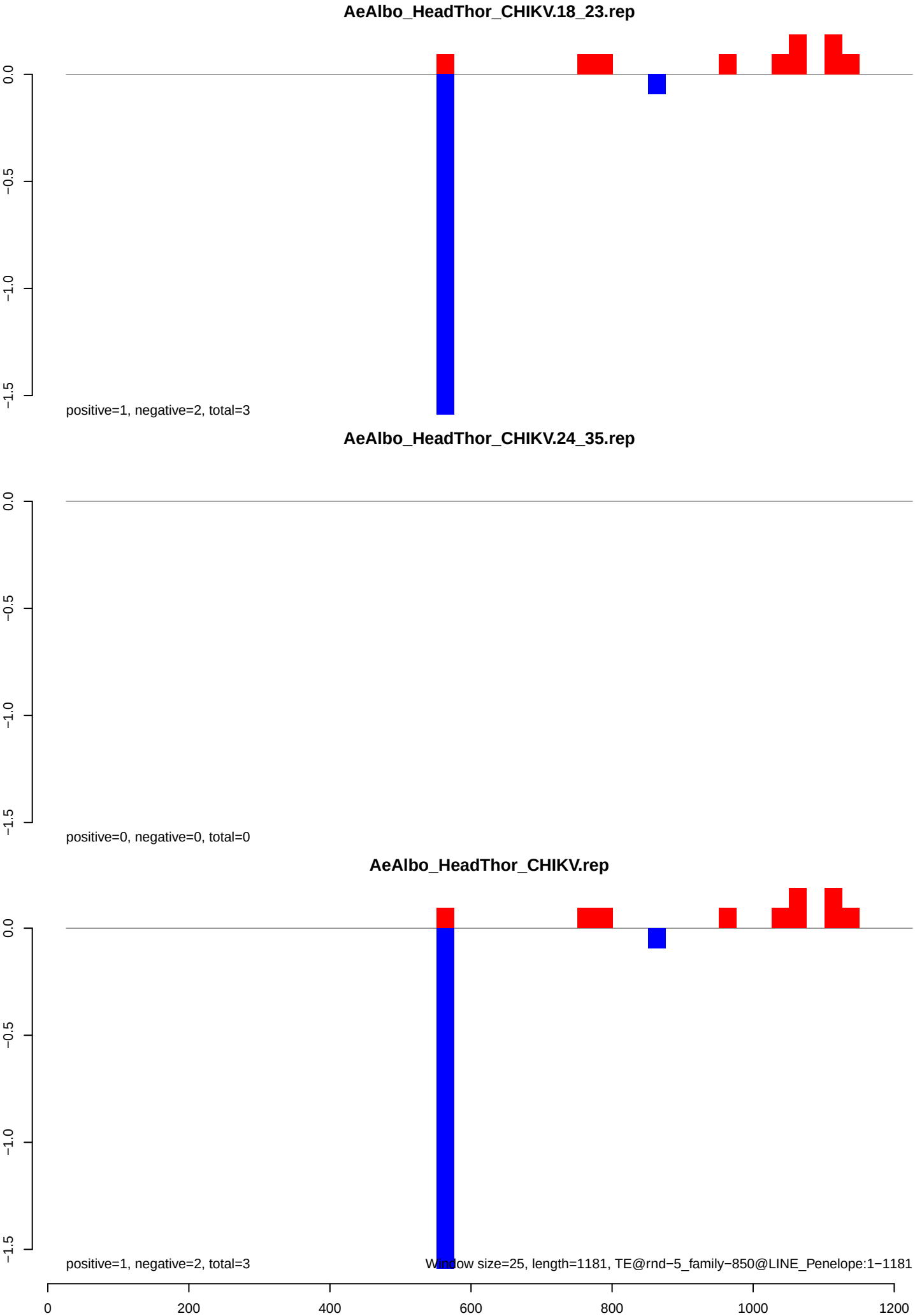

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=1

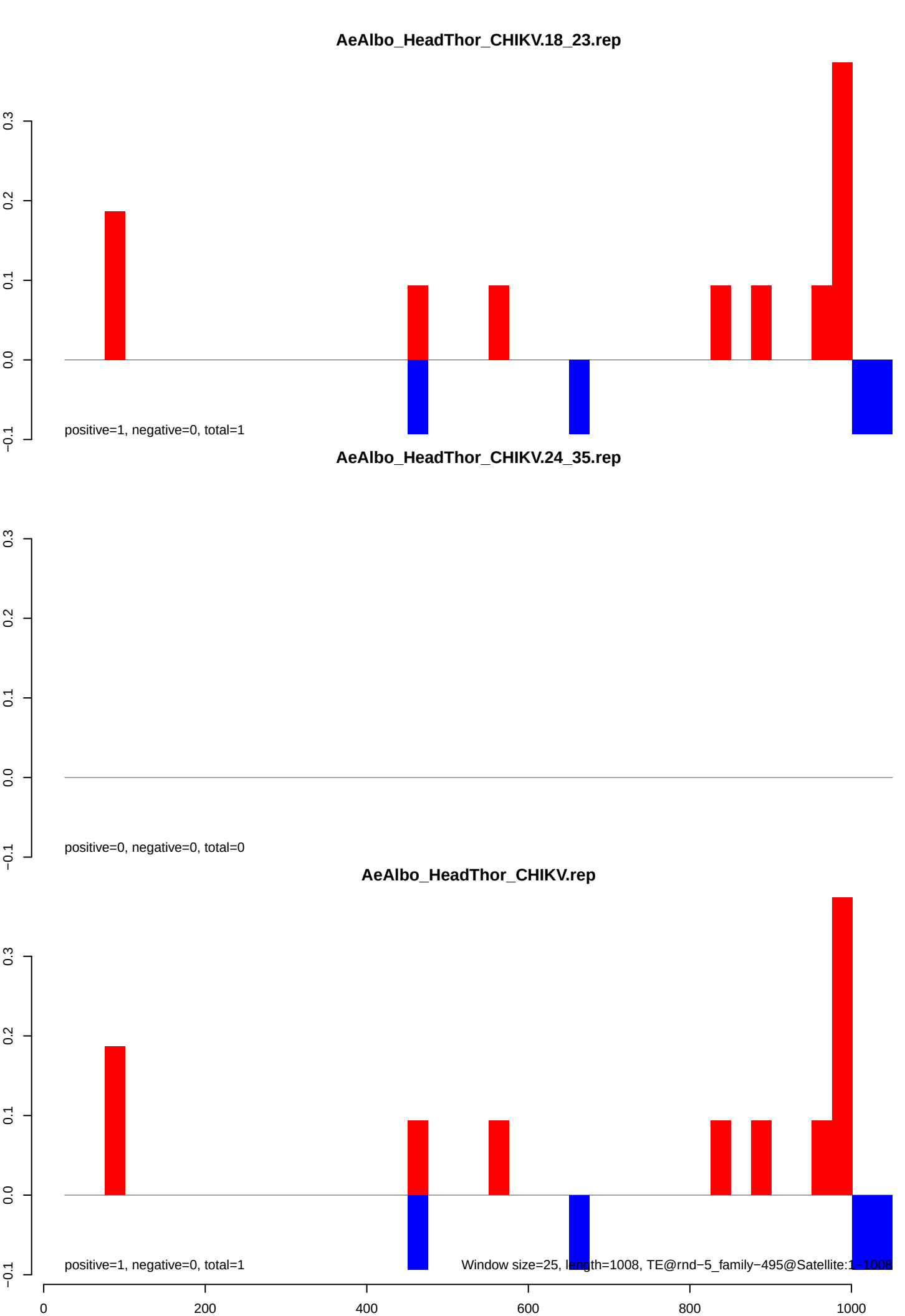
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=2, total=2

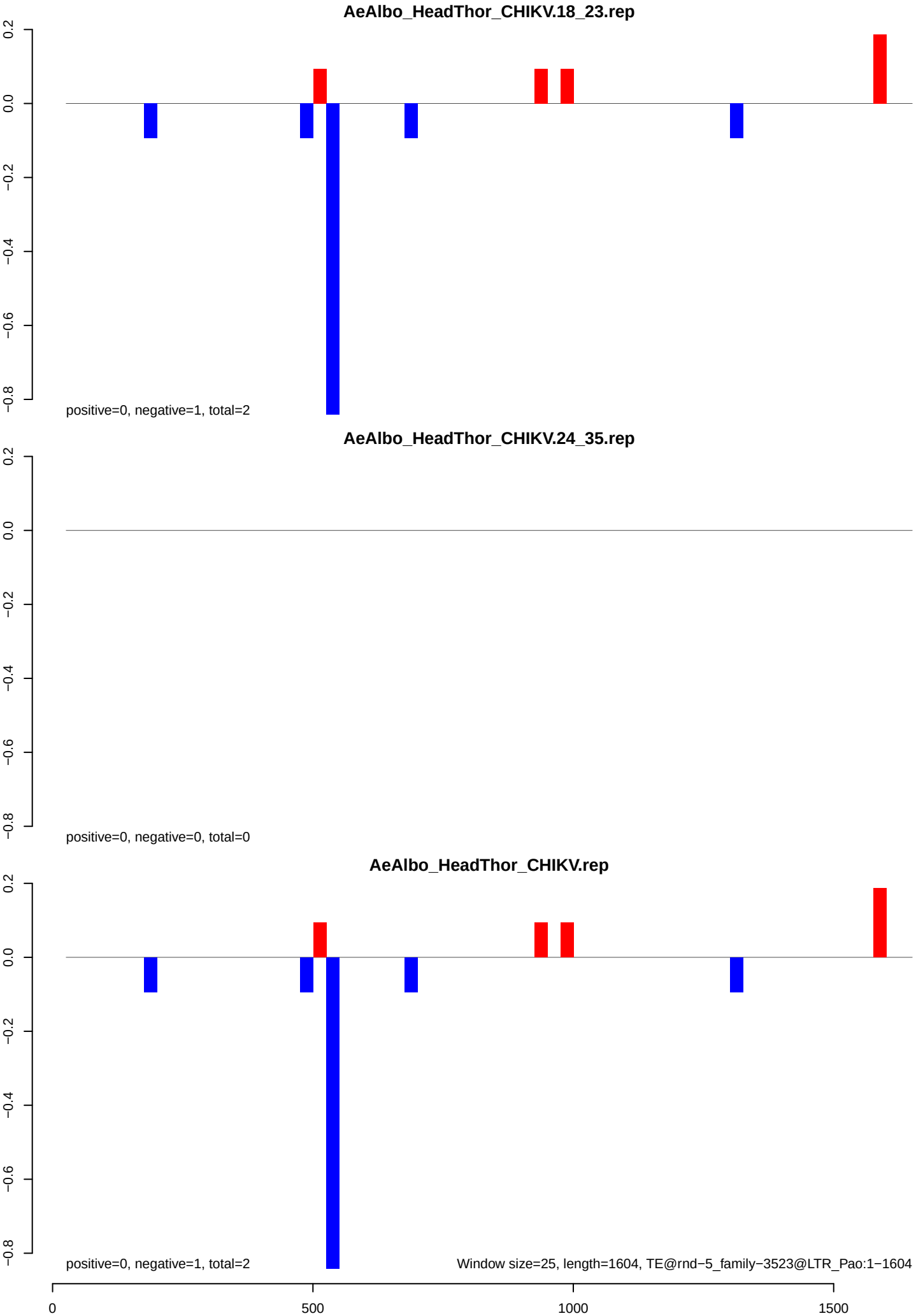

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=2, total=3
Window size=25, length=1923, TE@rnd−6_family−11126@LTR_Pao:1−1923
0
500
1000
1500
2000

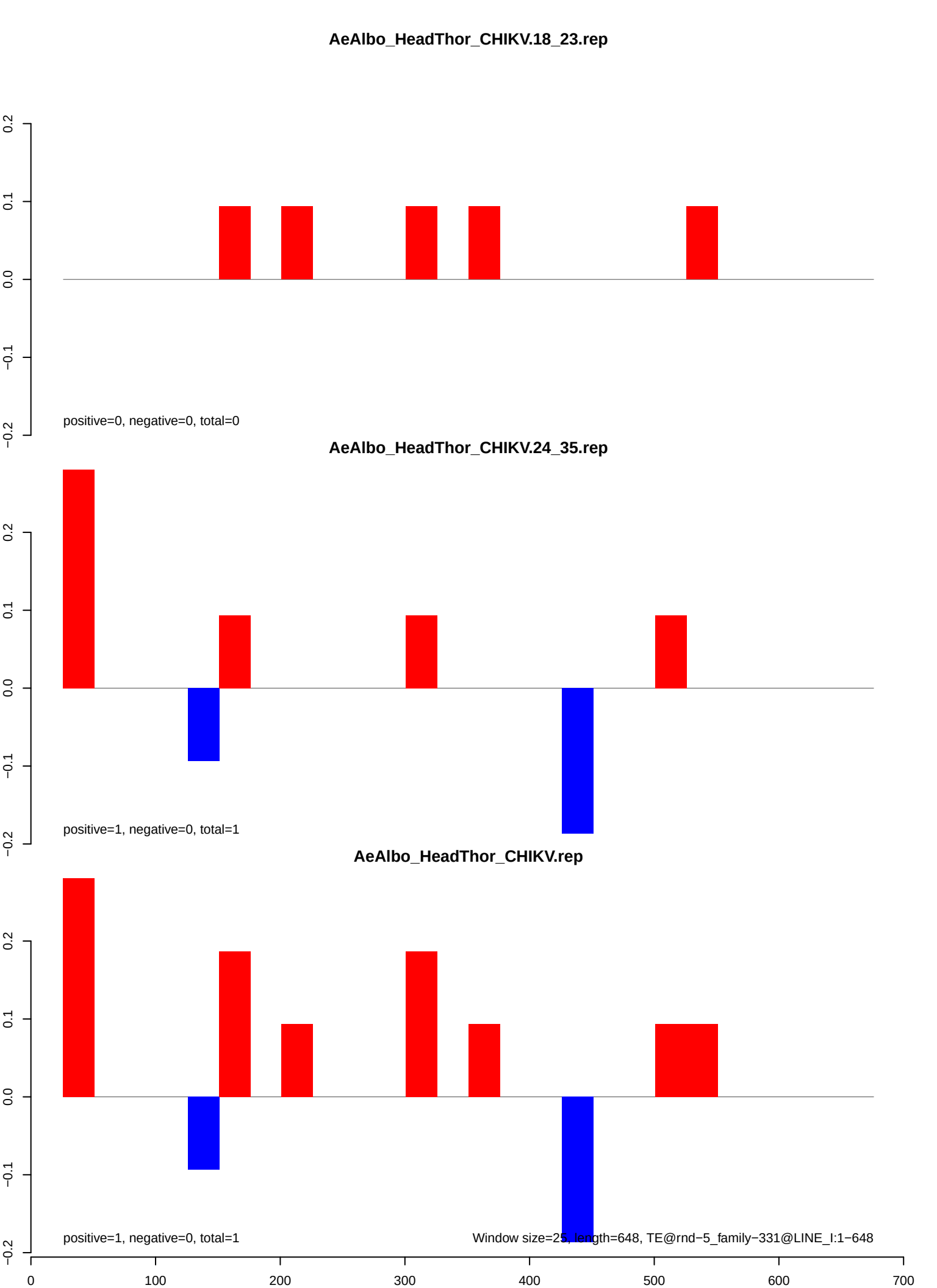

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=1
Window size=25, length=2199, TE@rnd−6_family−10166@Unknown:1−2199
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
500
1000
1500
2000

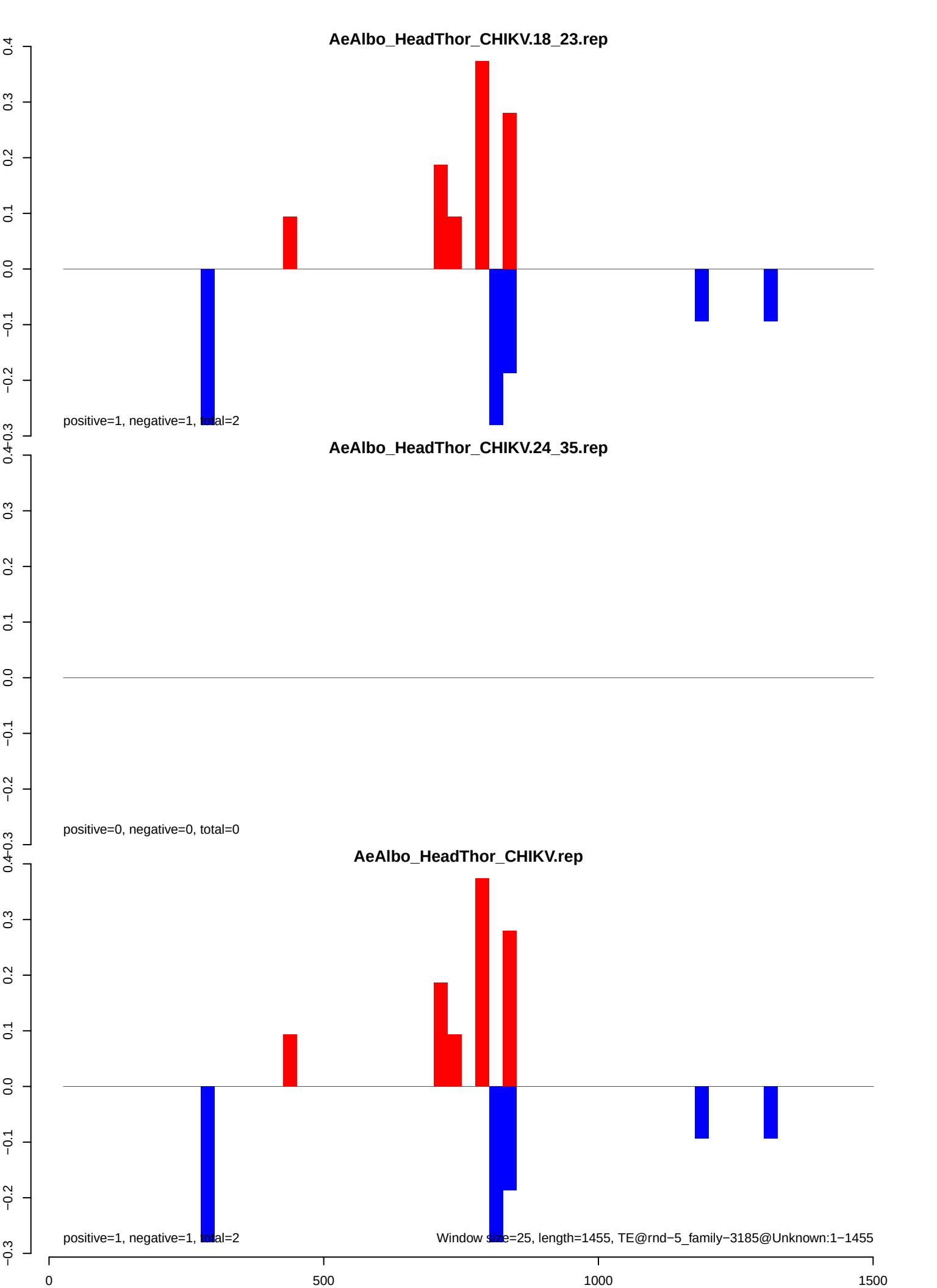

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
Window size=25, length=5202, TE@rnd−6_family−1012@Unknown:1−5202
0
1000
2000
3000
4000
5000

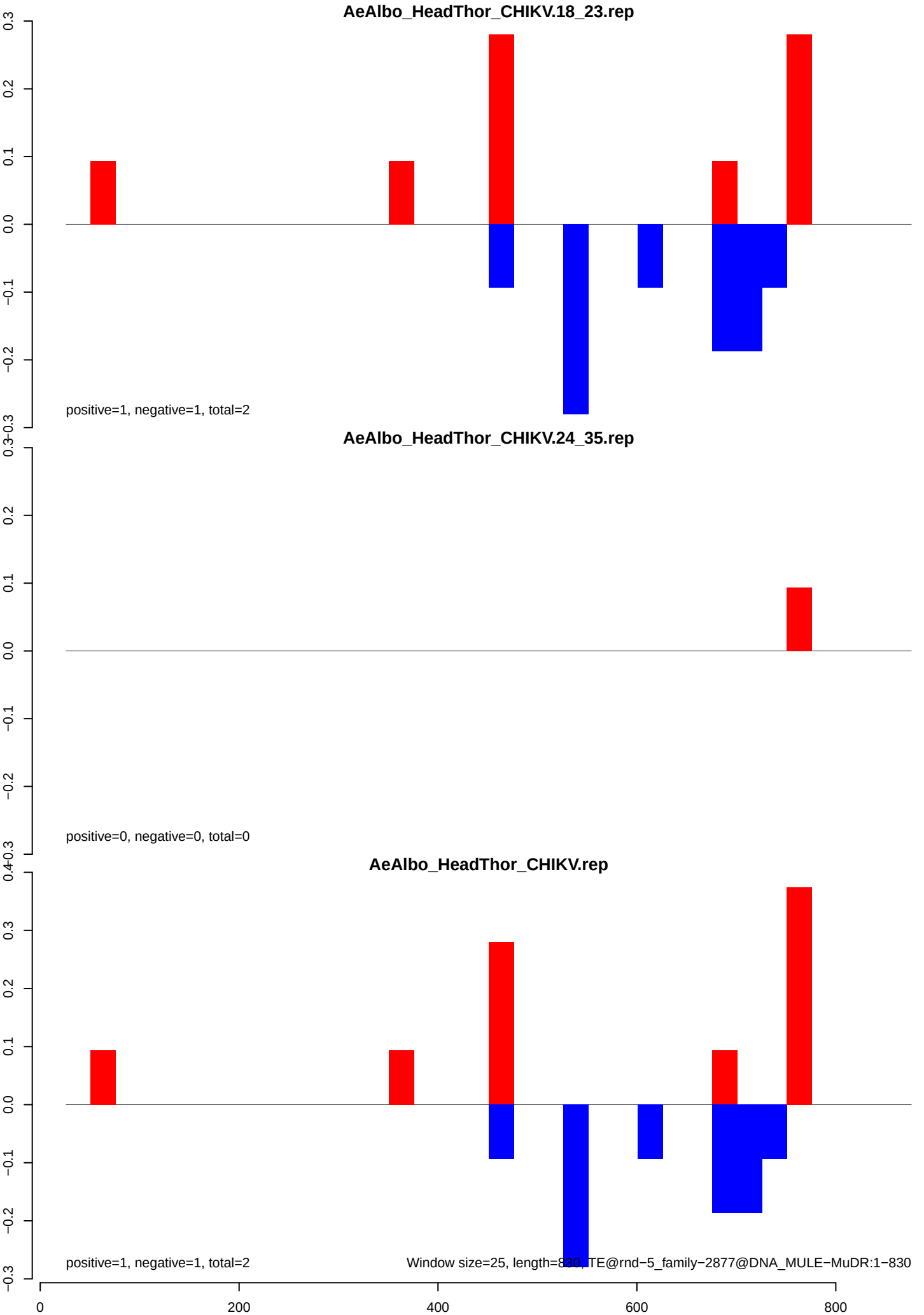

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
Window size=25, length=1181, TE@rnd−5_family−850@LINE_Penelope:1−1181
0
200
400
600
800
1000
1200

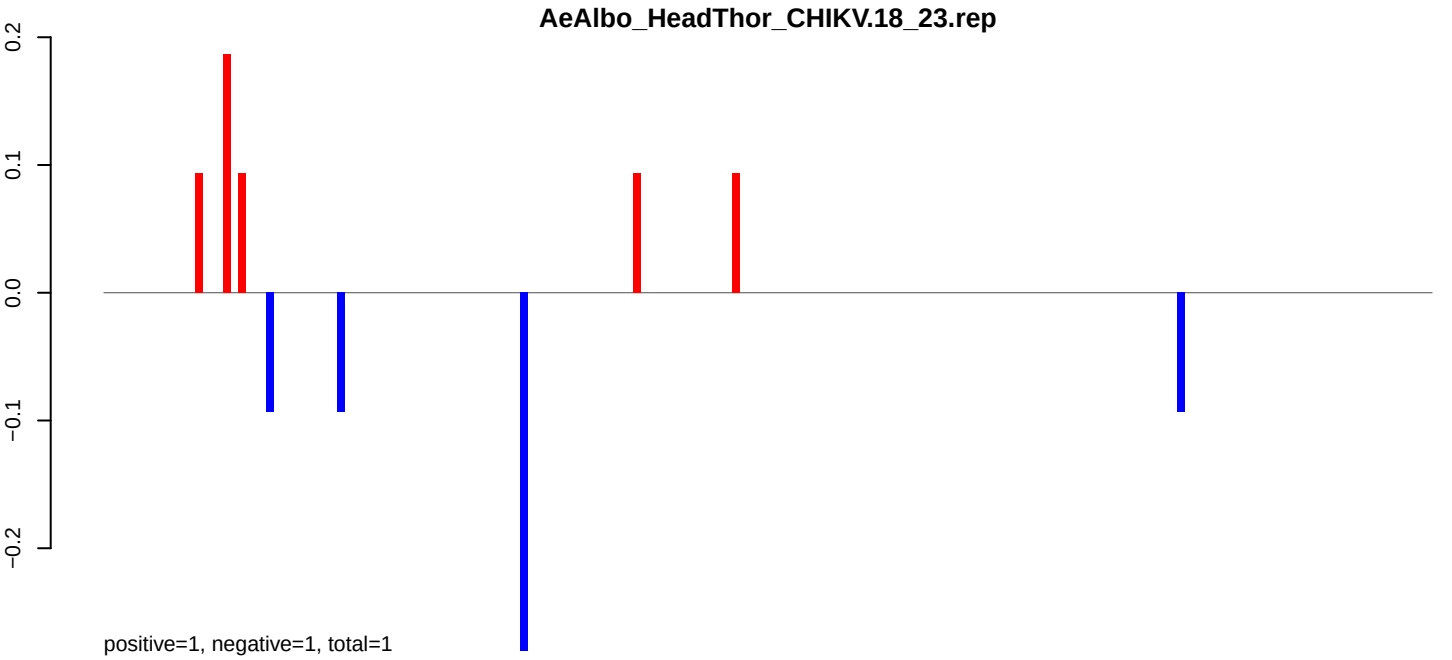

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1008, TE@rnd−5_family−495@Satellite:1−1008
0
200
400
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=2
Window size=25, length=1604, TE@rnd−5_family−3523@LTR_Pao:1−1604
0
500
1000
1500

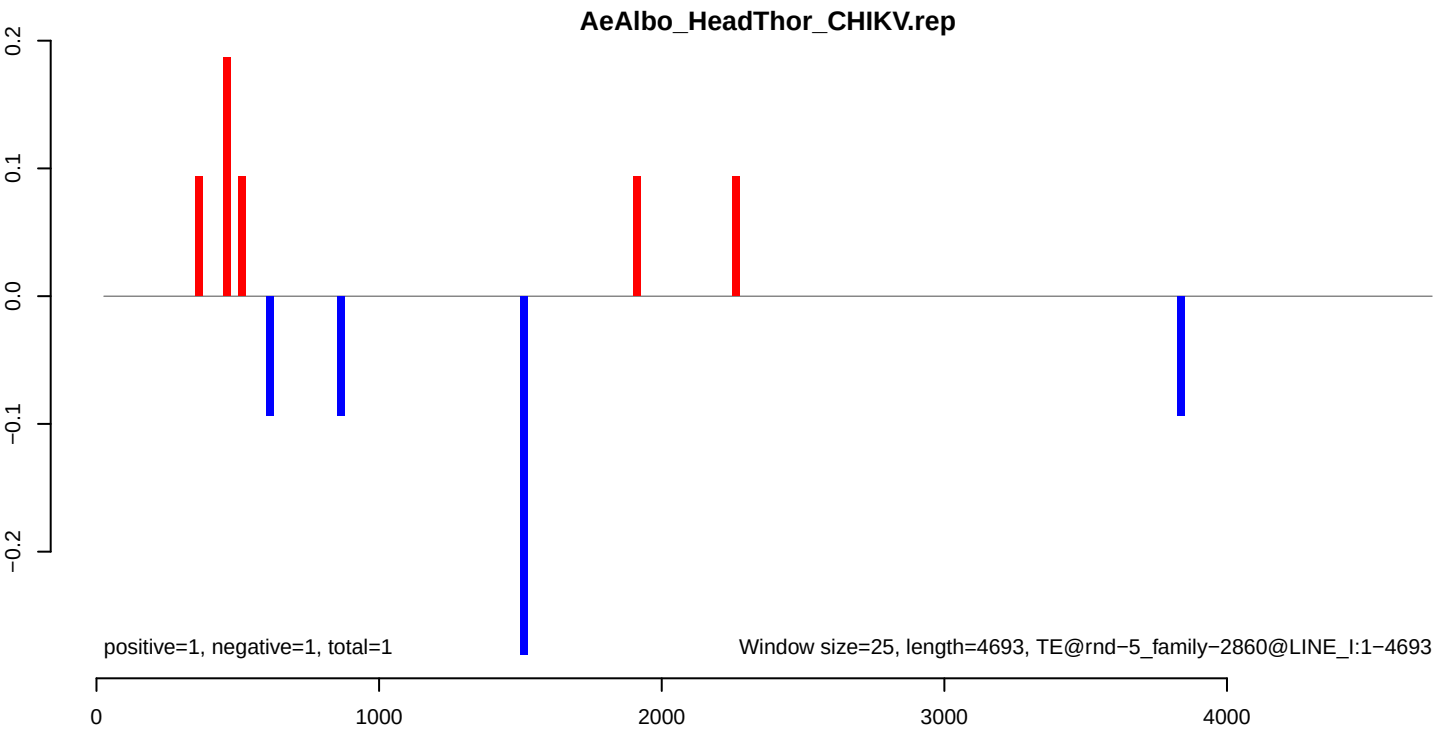

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=648, TE@rnd−5_family−331@LINE_I:1−648
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400
500
600
700

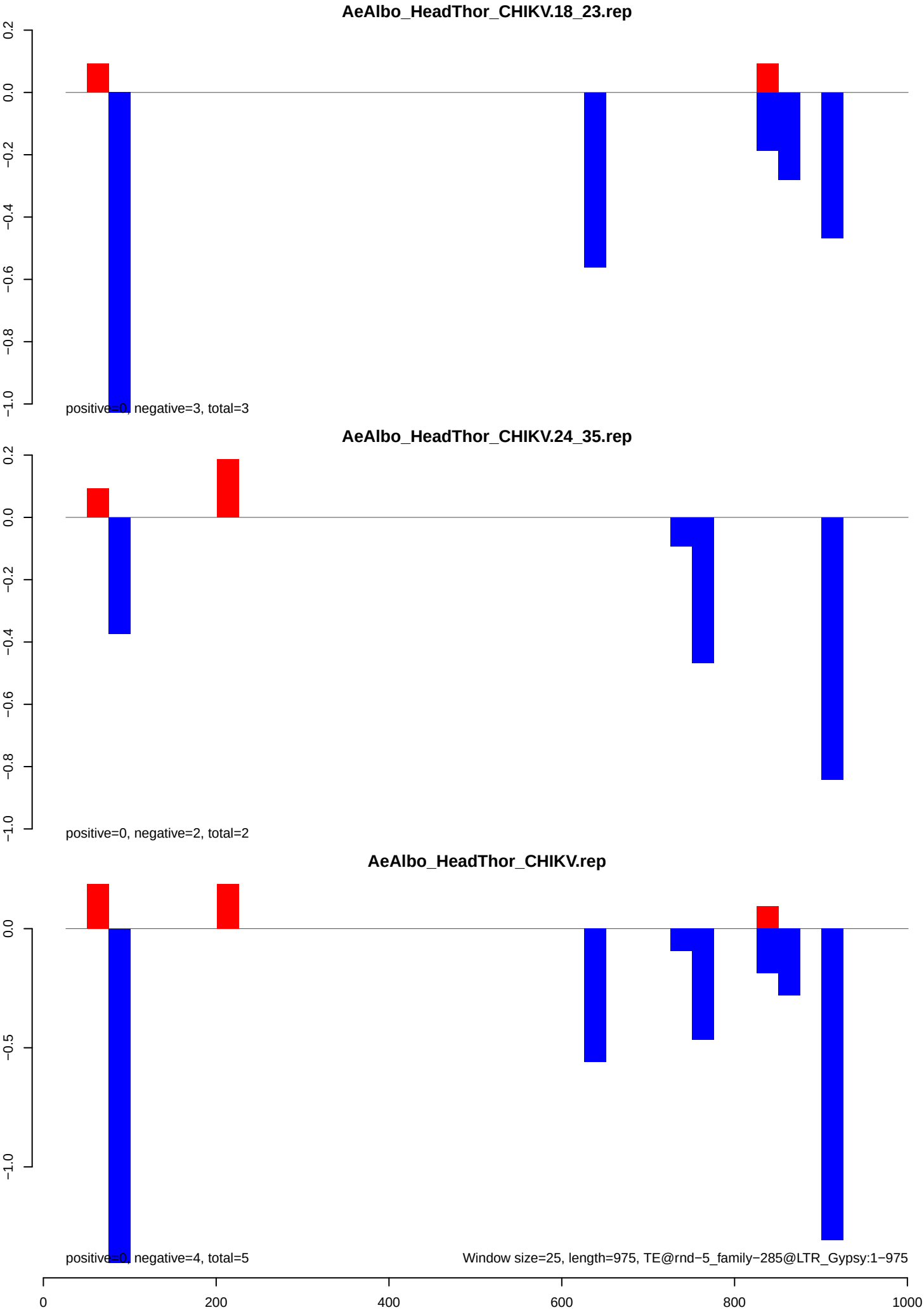

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=1455, TE@rnd−5_family−3185@Unknown:1−1455
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500

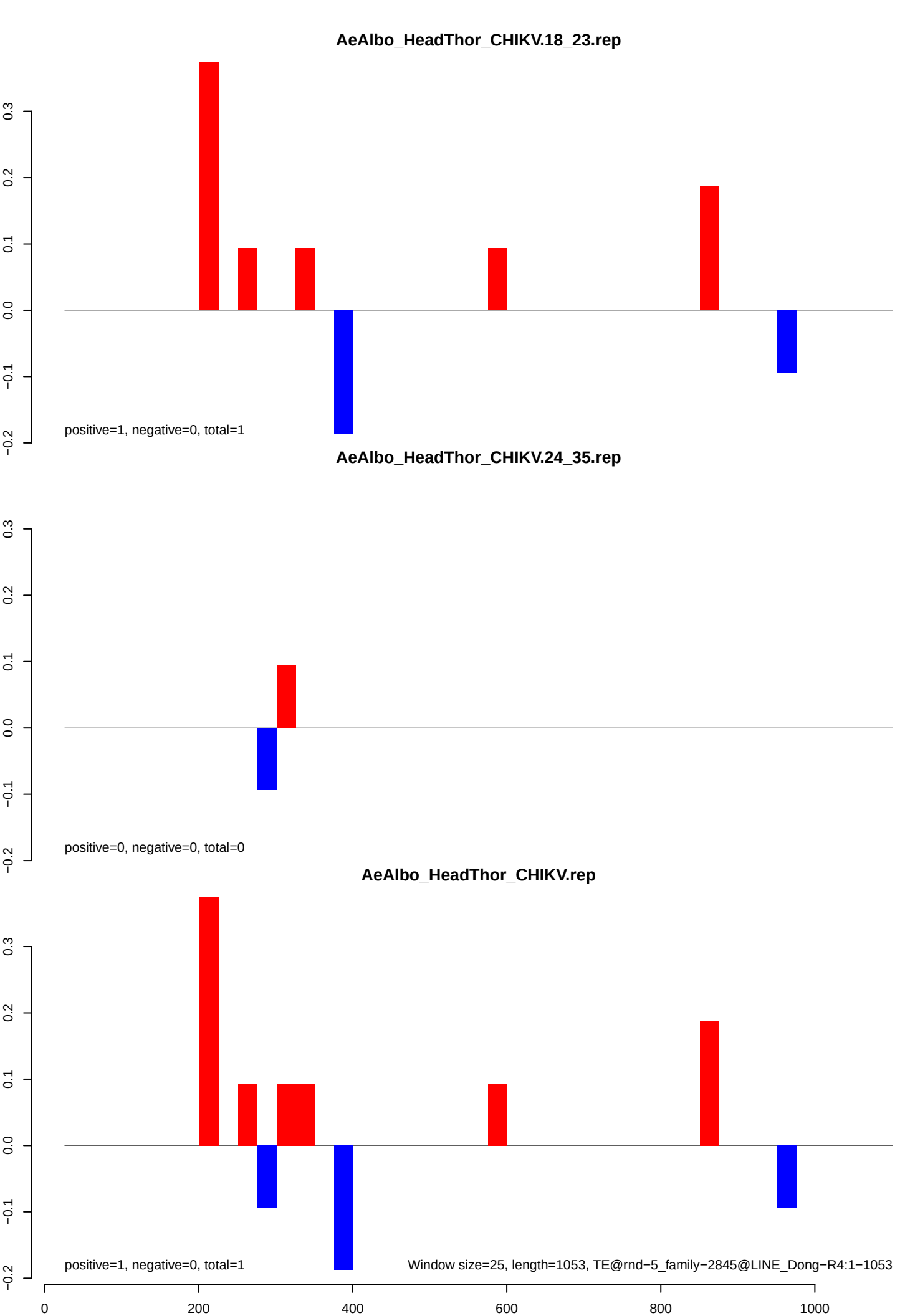

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=830, TE@rnd−5_family−2877@DNA_MULE−MuDR:1−830
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0.4
0
200
400
600
800

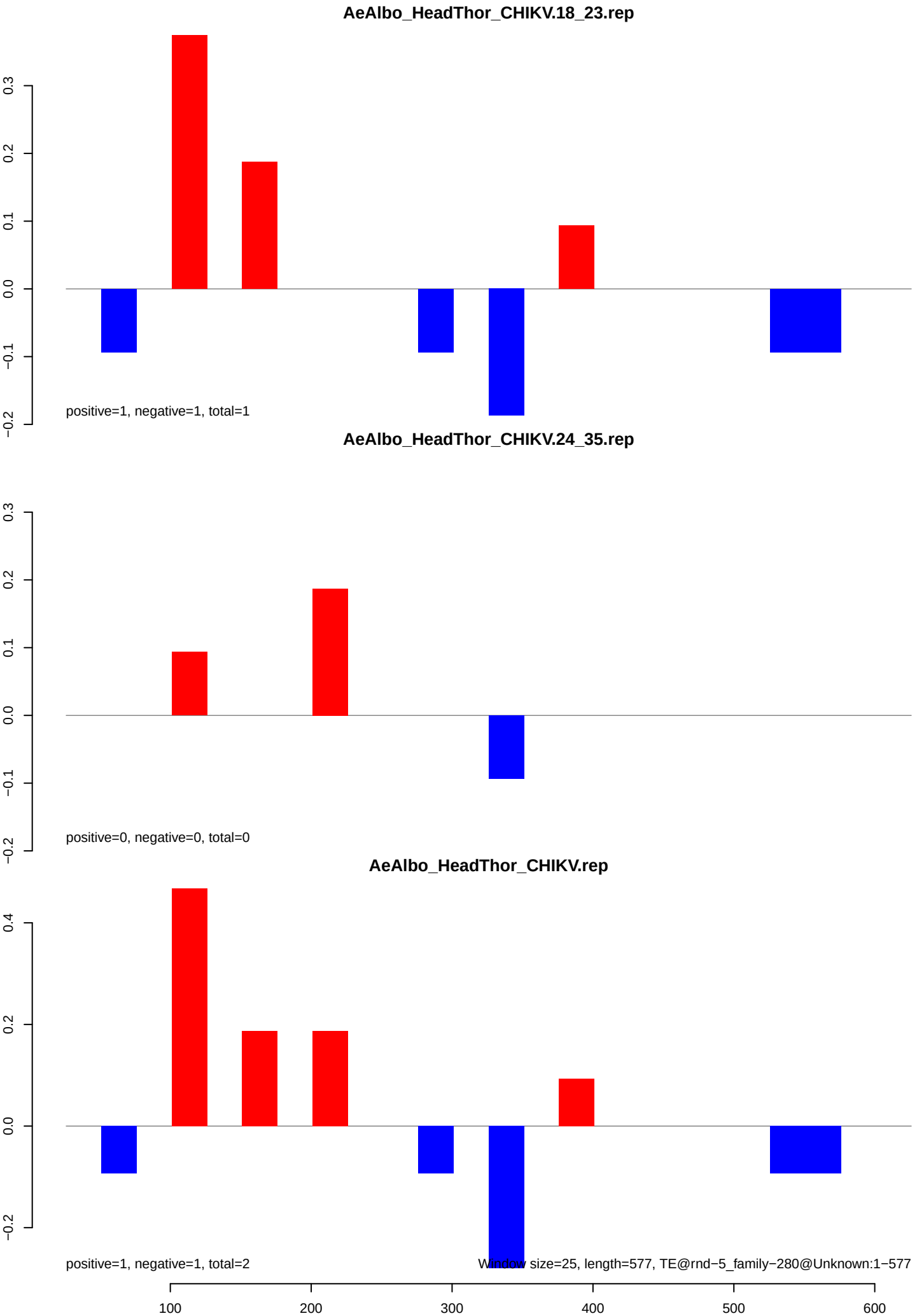

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1

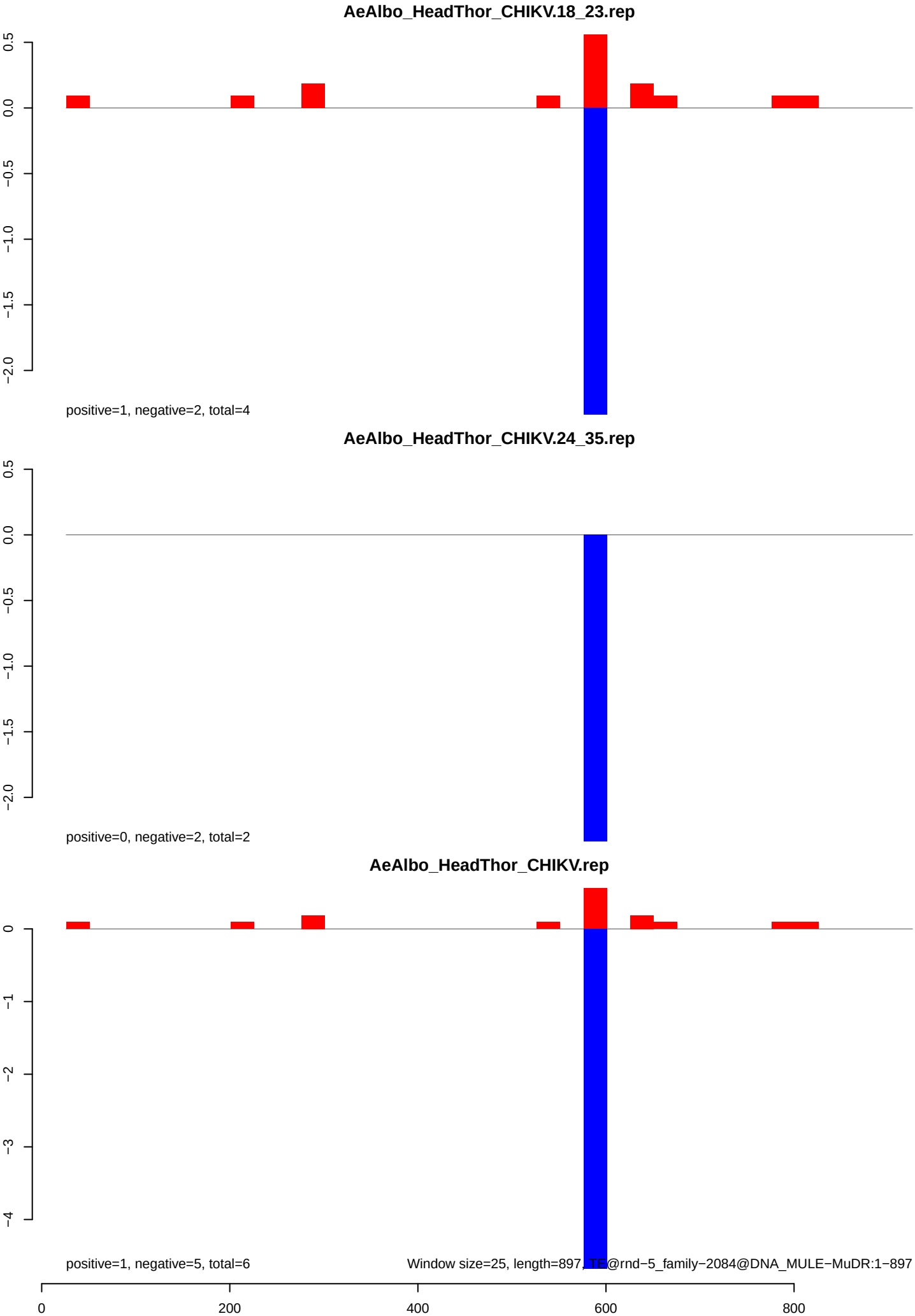
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

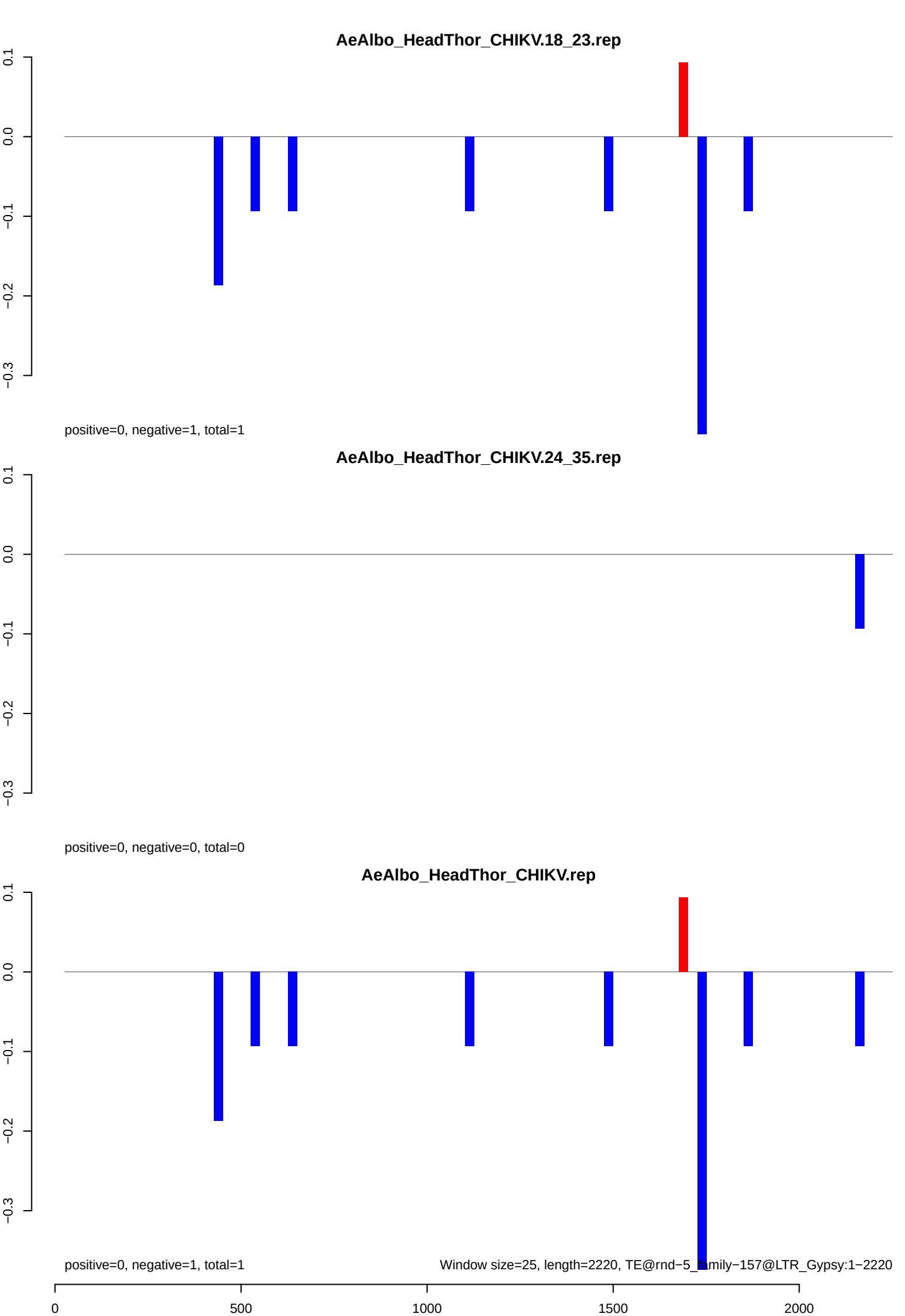

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
Window size=25, length=4693, TE@rnd−5_family−2860@LINE_I:1−4693
0
1000
2000
3000
4000

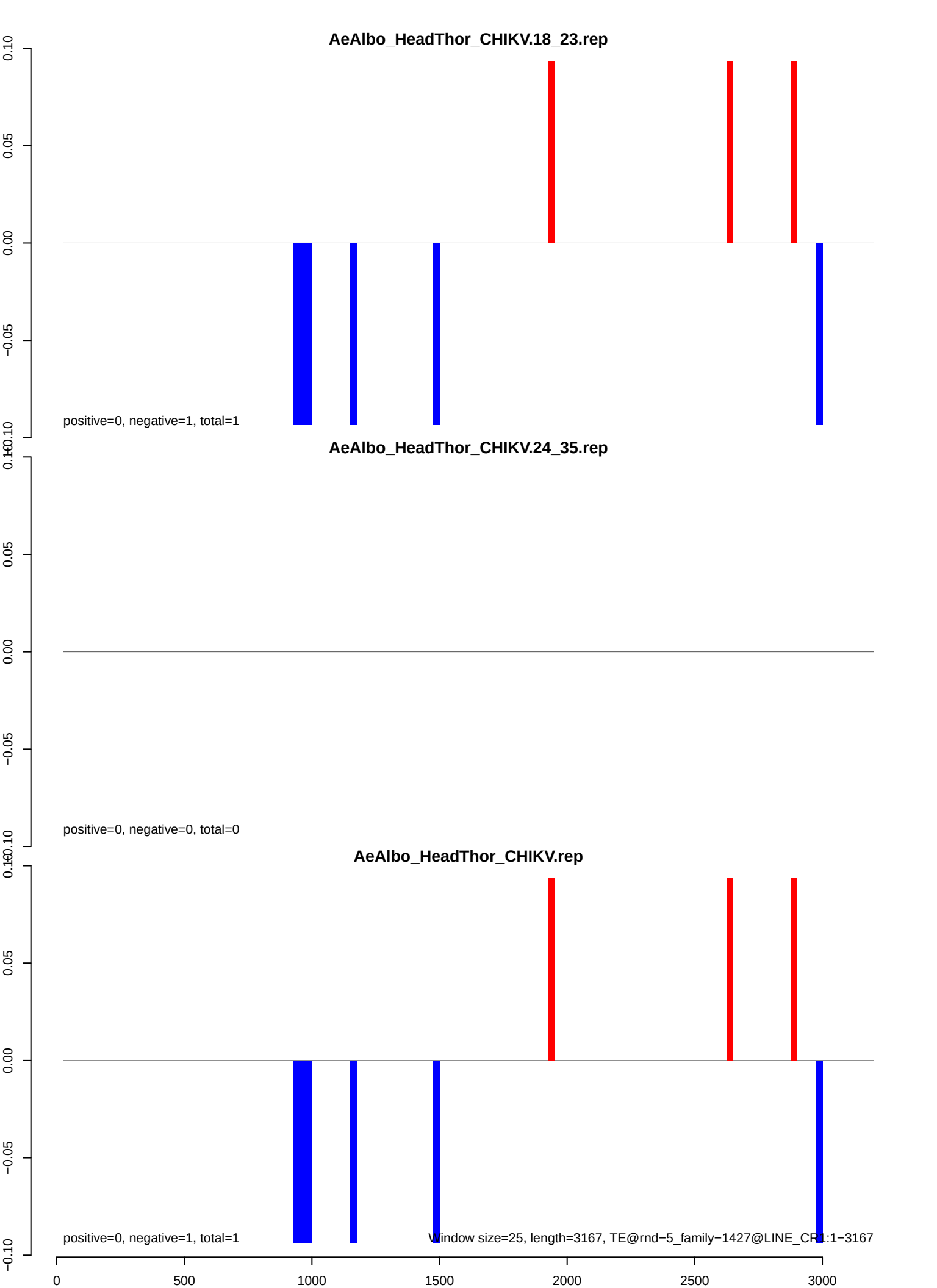

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=0, negative=4, total=5
Window size=25, length=975, TE@rnd−5_family−285@LTR_Gypsy:1−975
0
200
400
600
800
1000

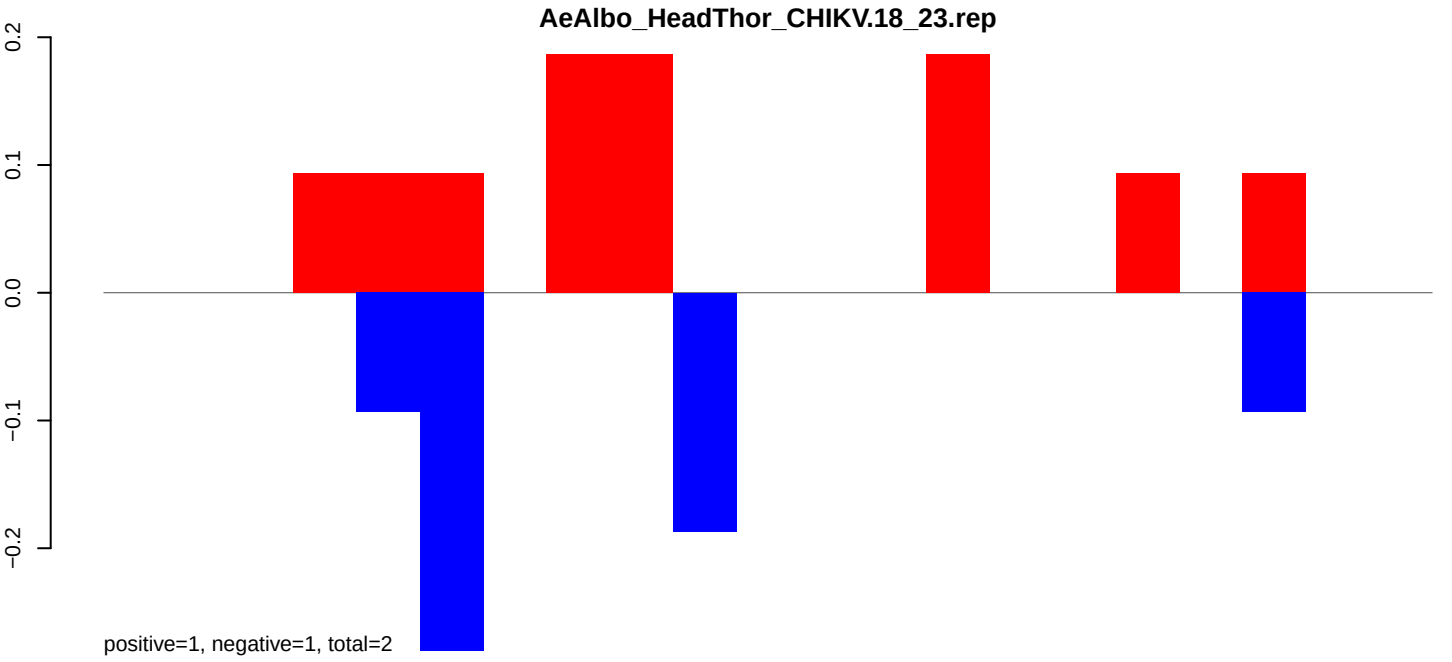

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=1053, TE@rnd−5_family−2845@LINE_Dong−R4:1−1053
0
200
400
600
800
1000

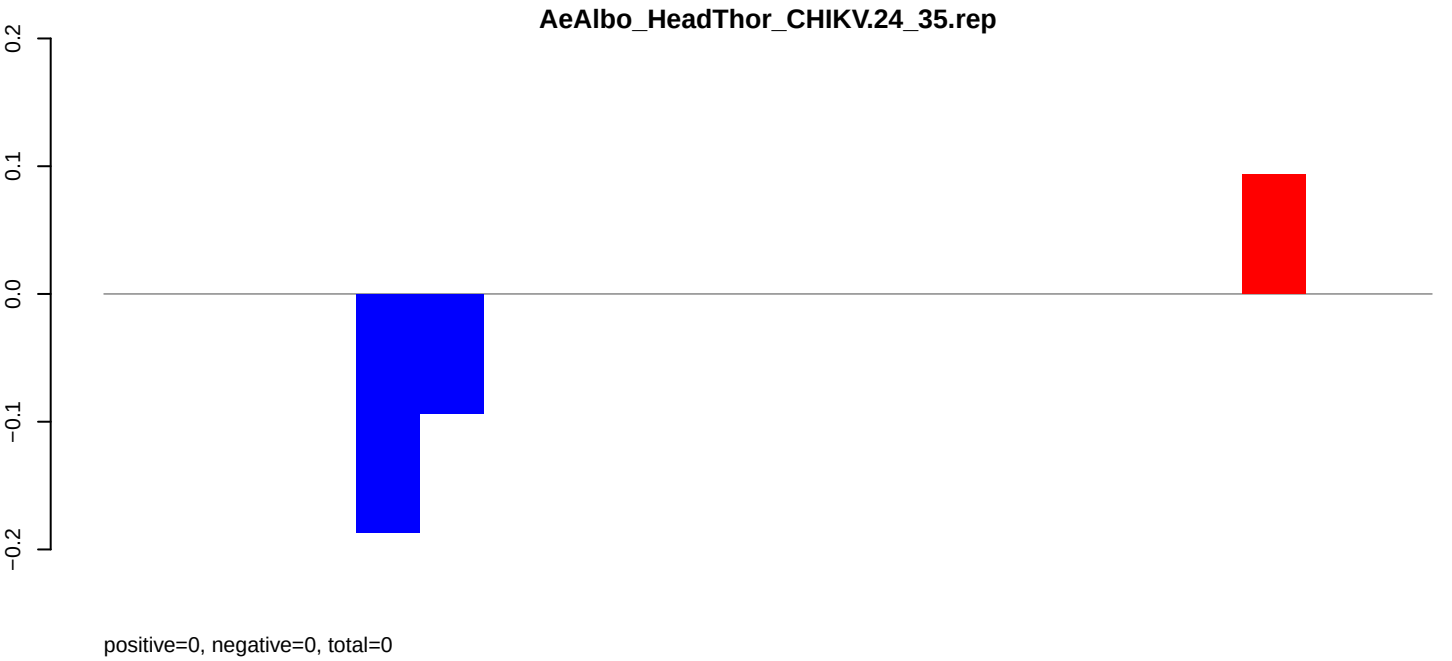

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
Window size=25, length=577, TE@rnd−5_family−280@Unknown:1−577
100
200
300
400
500
600

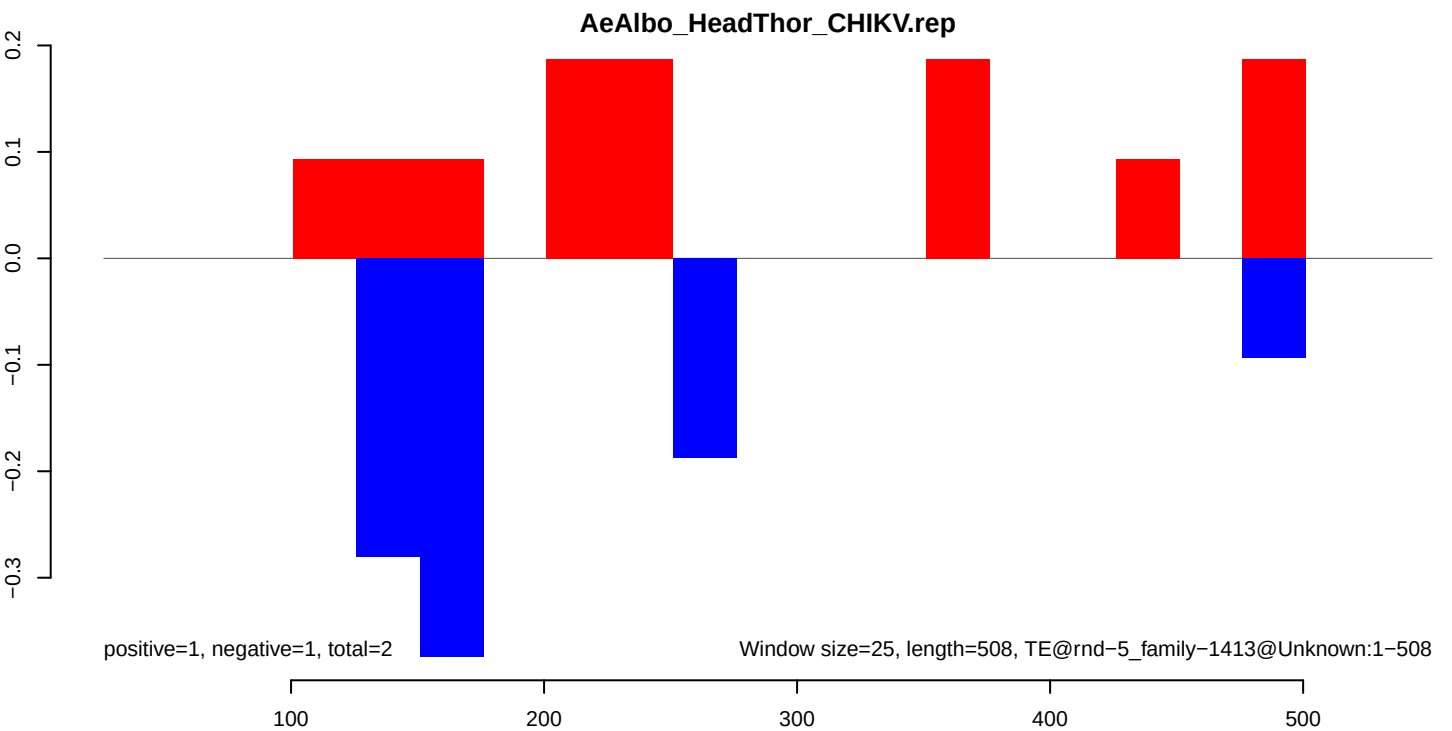

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=1, negative=5, total=6
Window size=25, length=897_TE@rnd−5_family−2084@DNA_MULE−MuDR:1−897
0
200
400
600
800

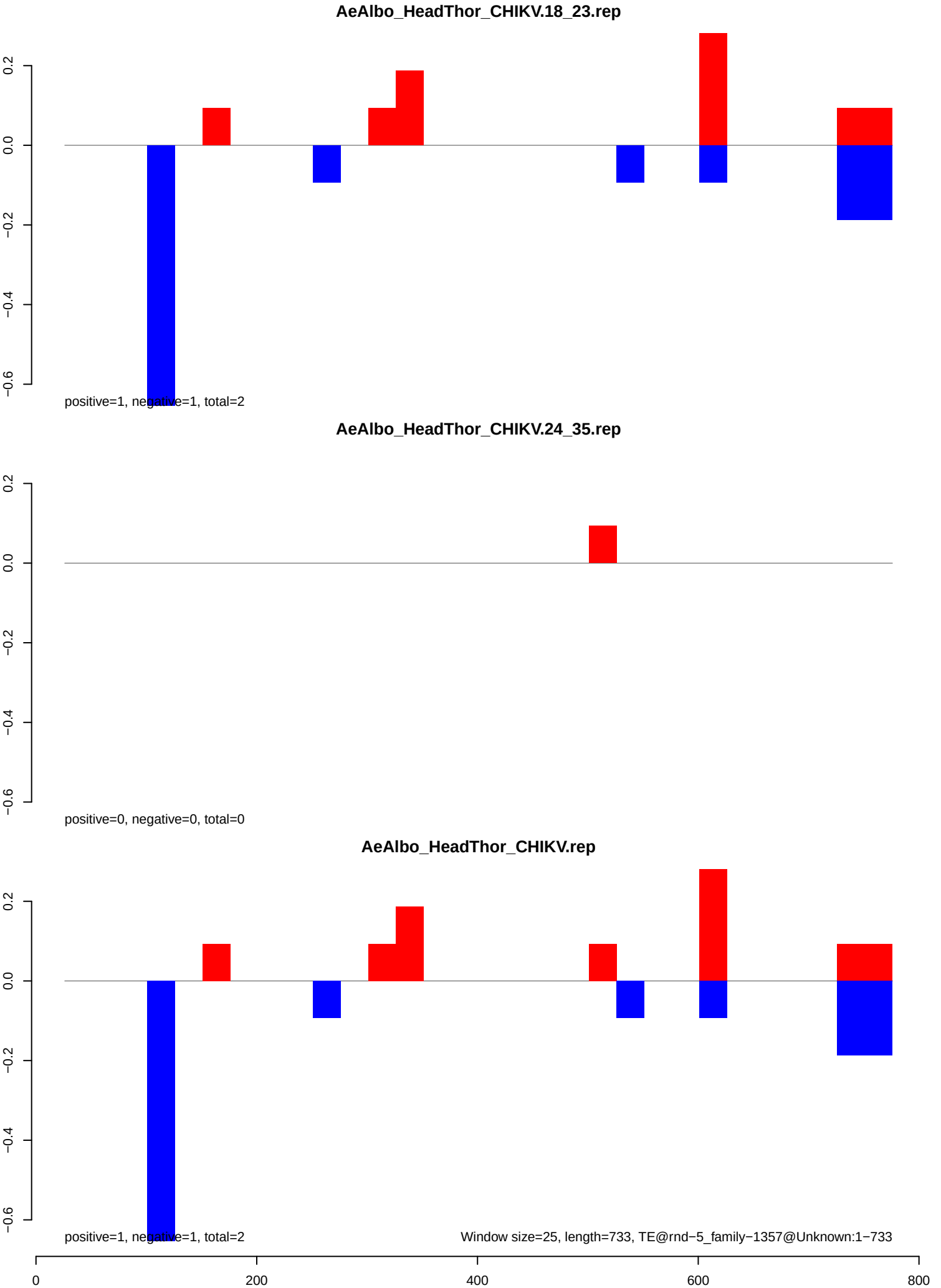

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=2220, TE@rnd−5_family−157@LTR_Gypsy:1−2220
0
500
1000
1500
2000

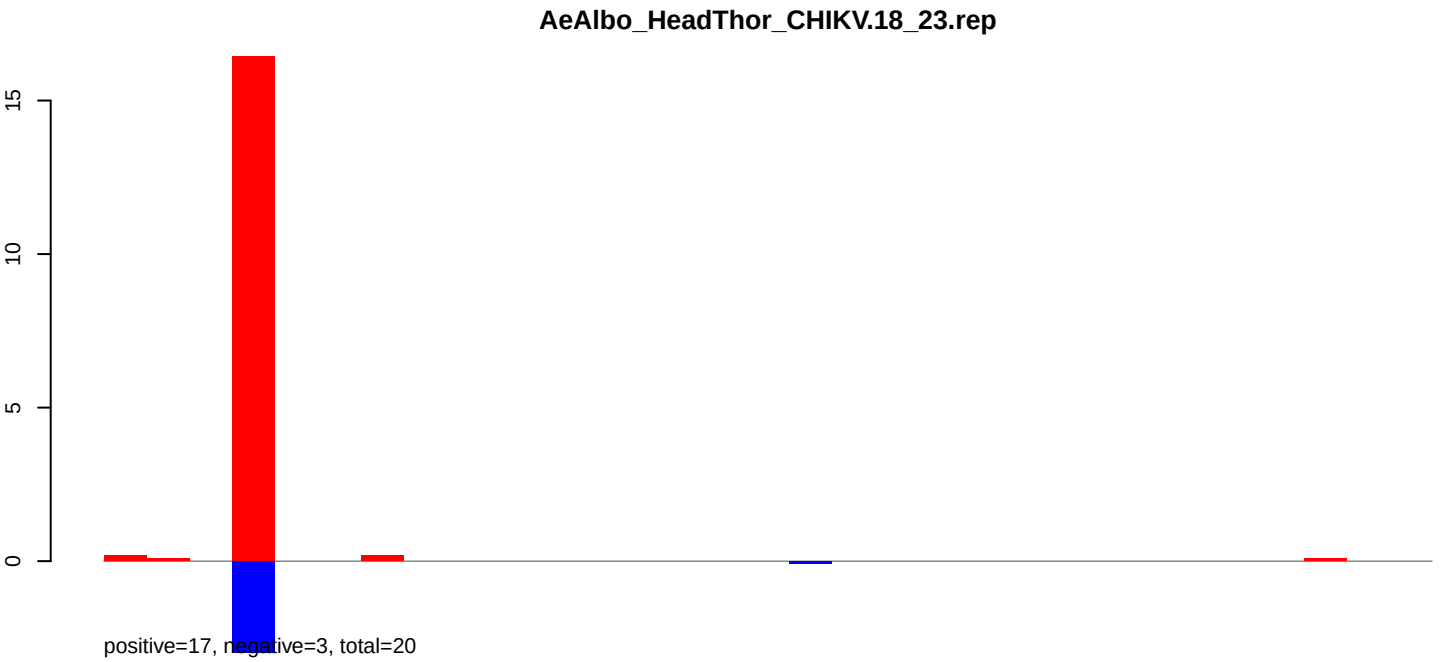

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=1, total=1
Window size=25, length=3167, TE@rnd−5_family−1427@LINE_CR1:1−3167
0
500
1000
1500
2000
2500
3000

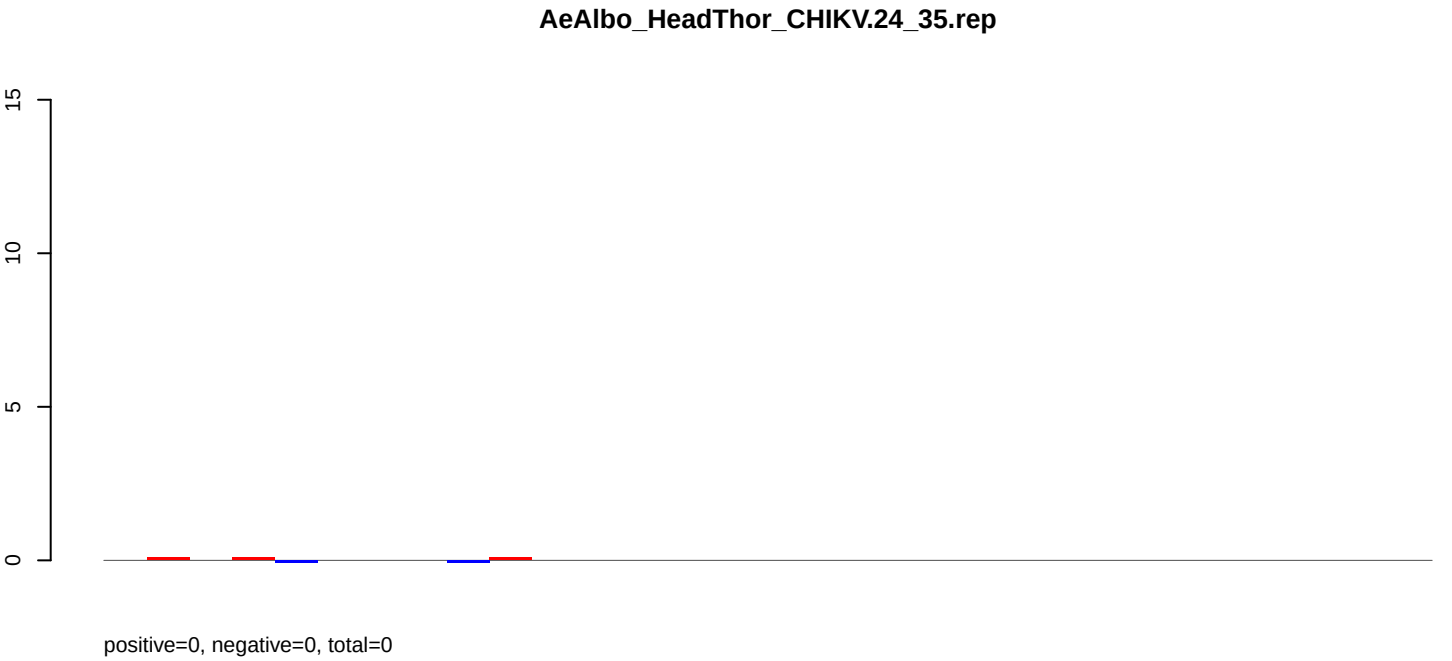

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=2

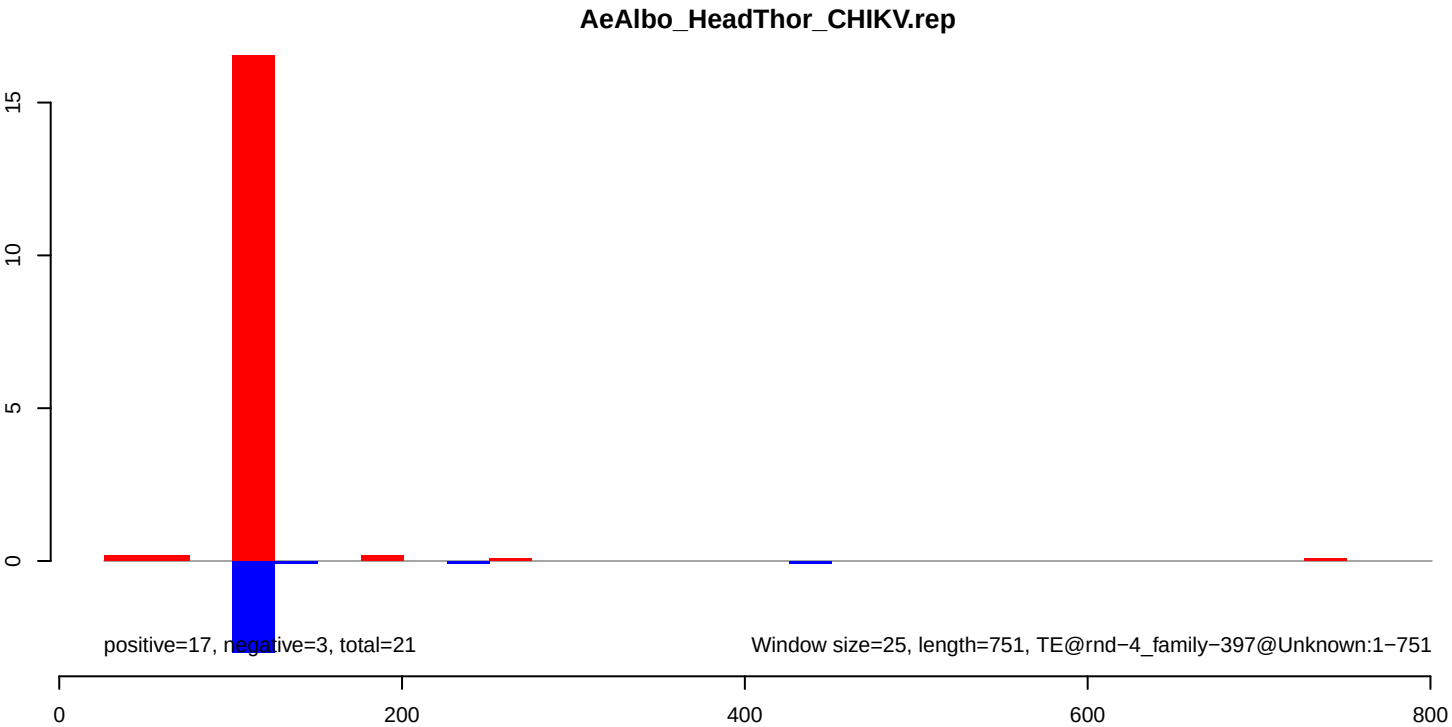

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

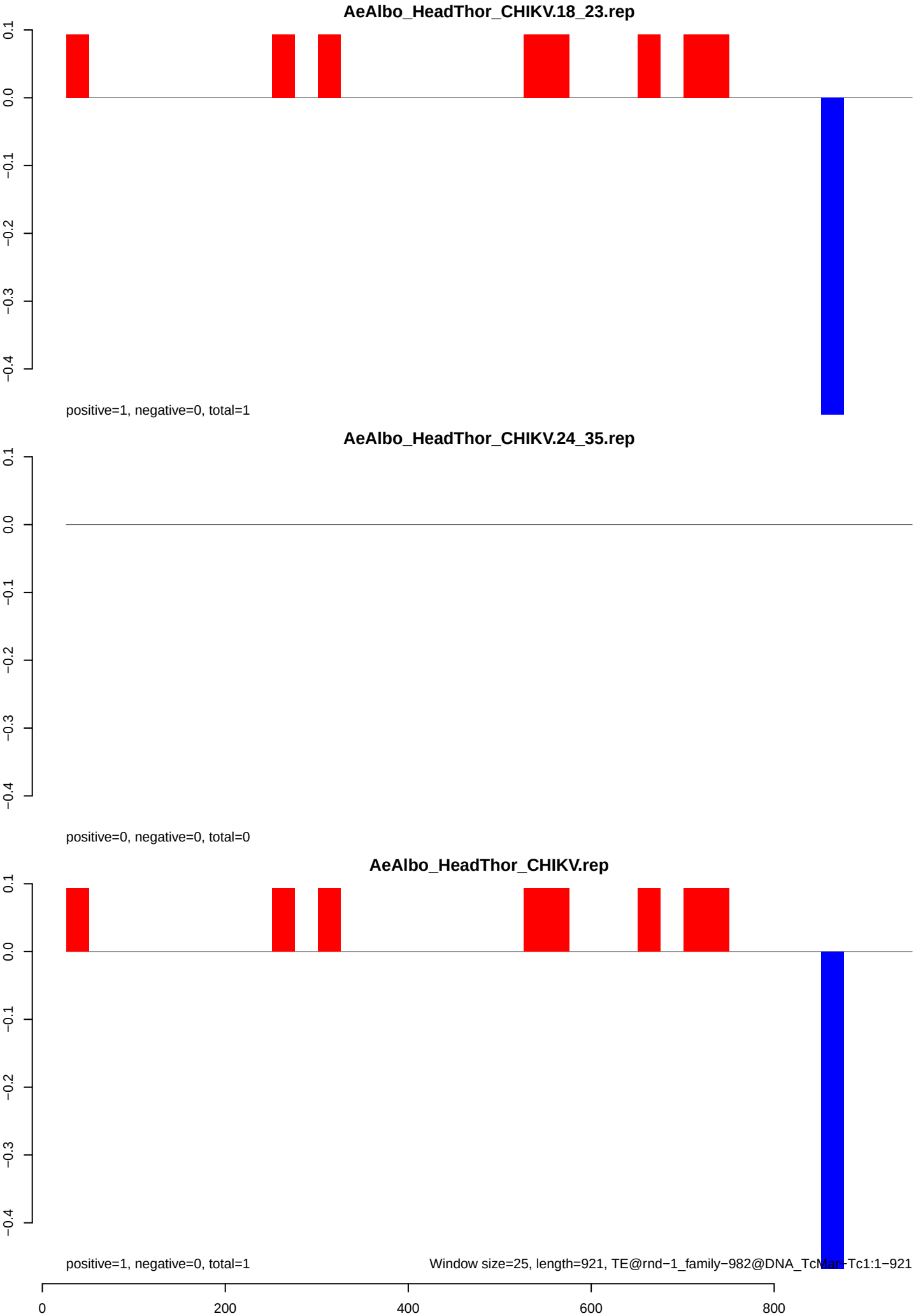

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=2
Window size=25, length=508, TE@rnd−5_family−1413@Unknown:1−508
100
200
300
400
500

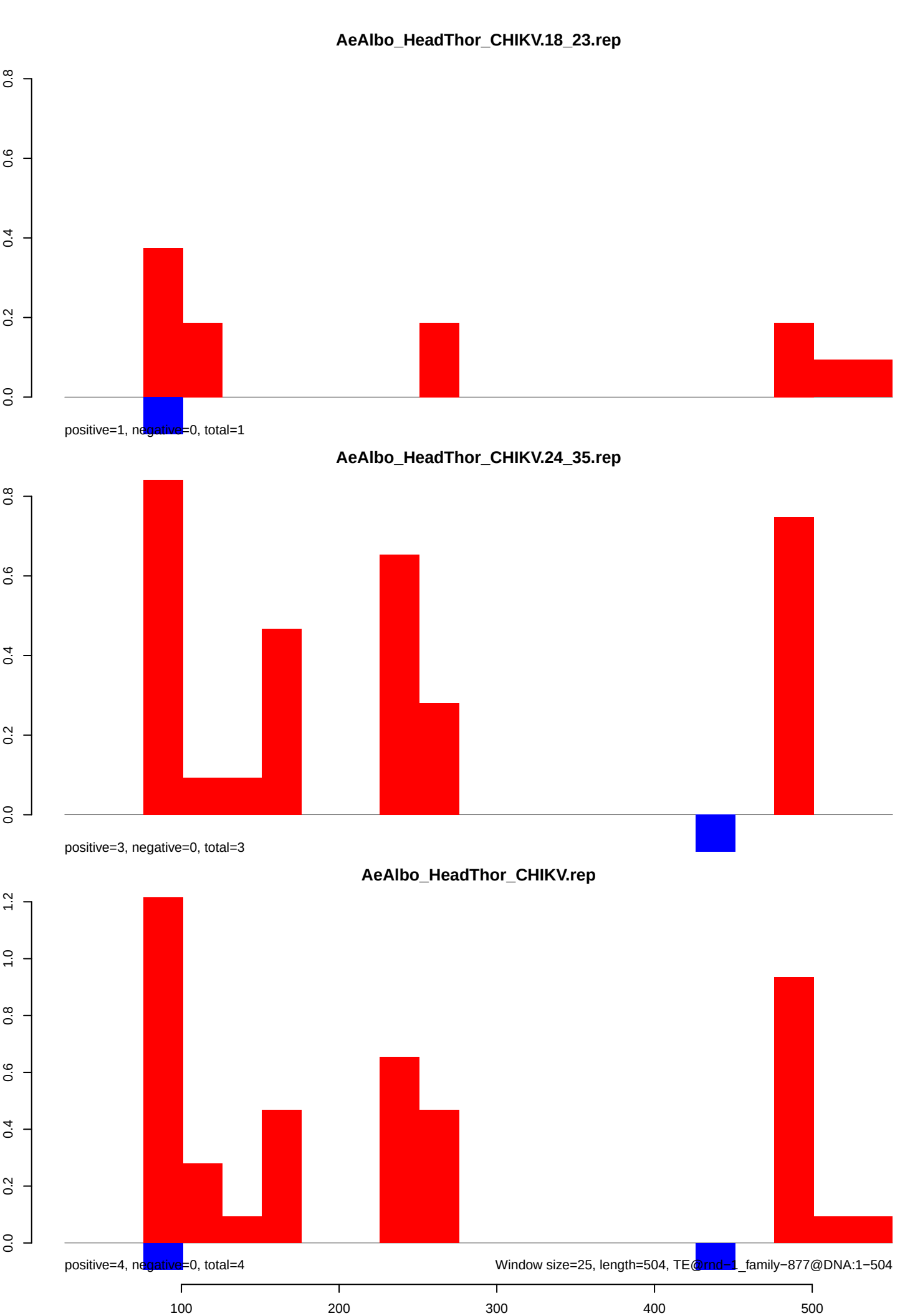

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
Window size=25, length=733, TE@rnd−5_family−1357@Unknown:1−733
0
200
400
600
800

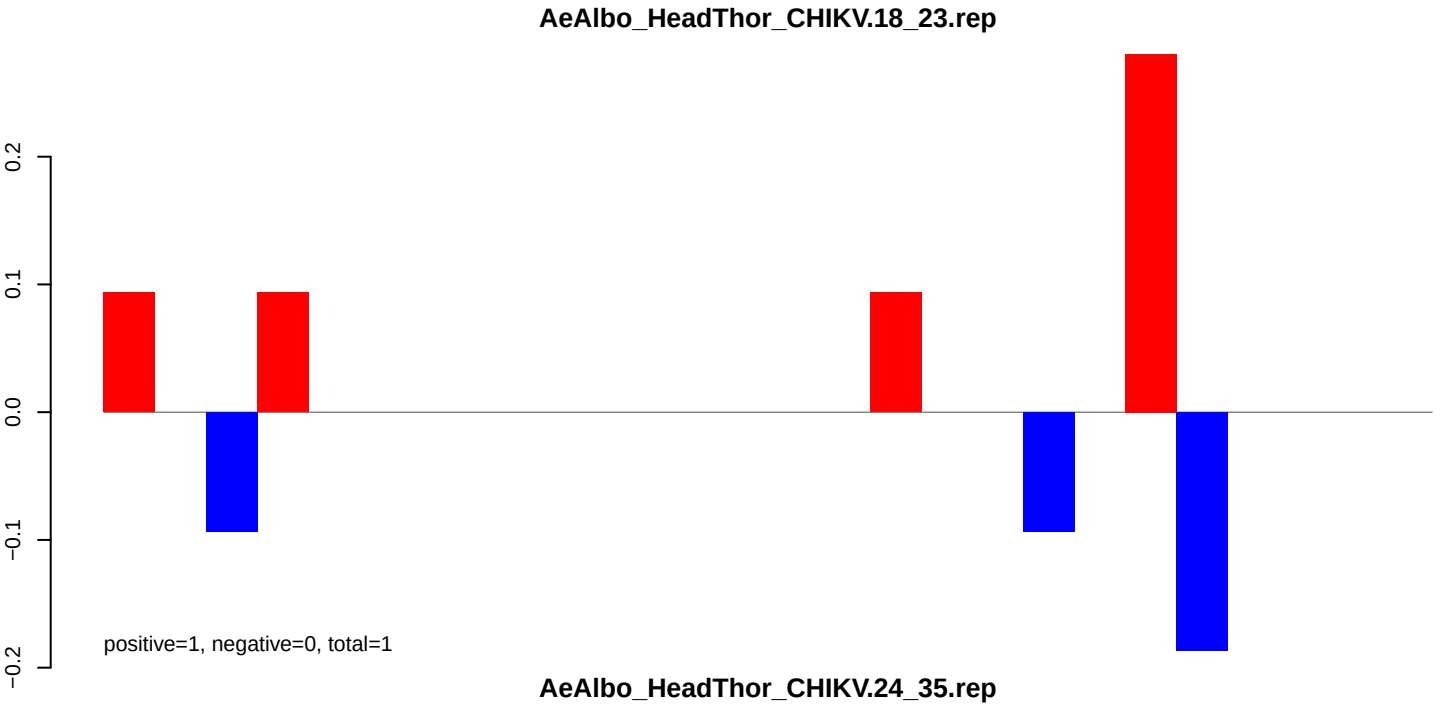

AeAlbo_HeadThor_CHIKV.18_23.rep
15
10
5
0
positive=17, negative=3, total=20

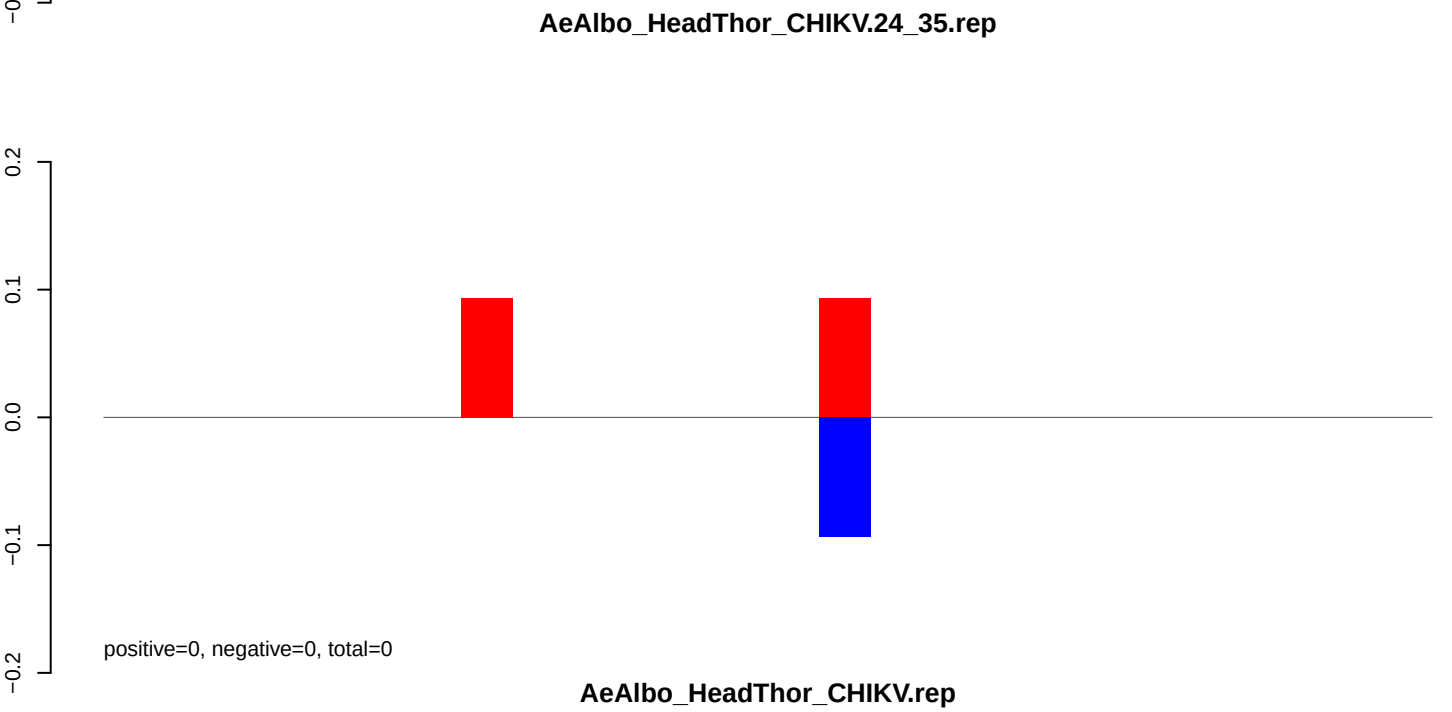

AeAlbo_HeadThor_CHIKV.24_35.rep
15
10
5
0
positive=0, negative=0, total=0

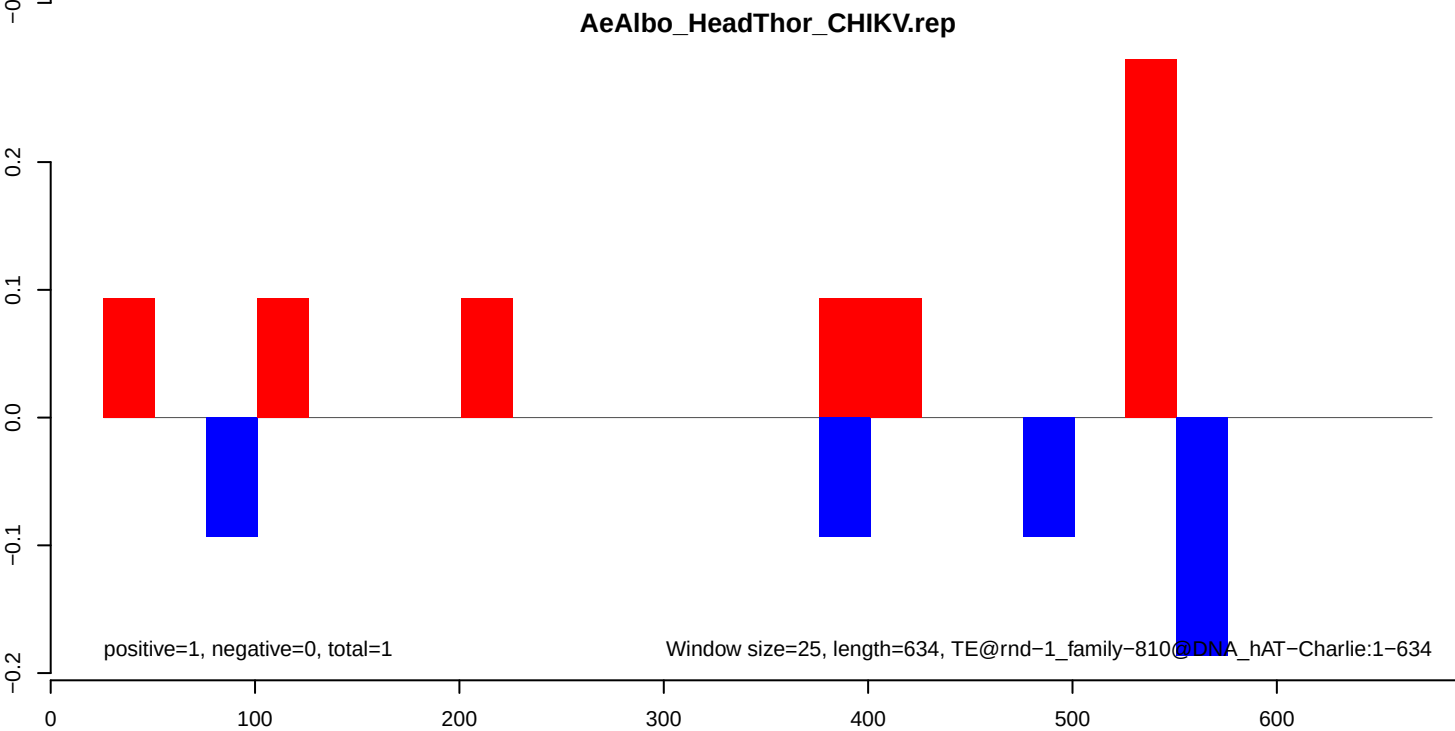

AeAlbo_HeadThor_CHIKV.rep
15
10
5
0
positive=17, negative=3, total=21
Window size=25, length=751, TE@rnd−4_family−397@Unknown:1−751
0
200
400
600
800

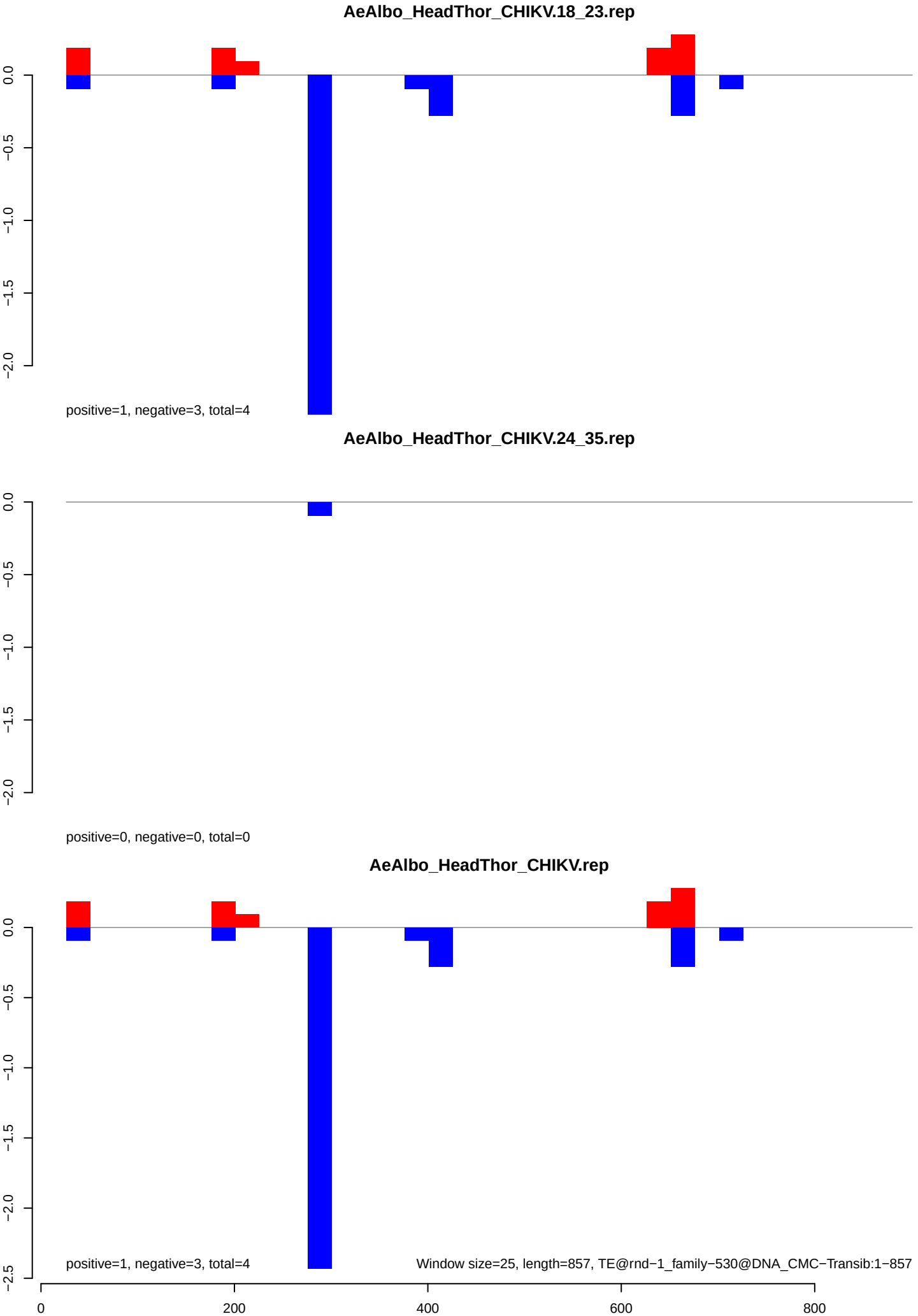

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=0, total=1
Window size=25, length=921, TE@rnd−1_family−982@DNA_TcMar−Tc1:1−921
0
200
400
600
800

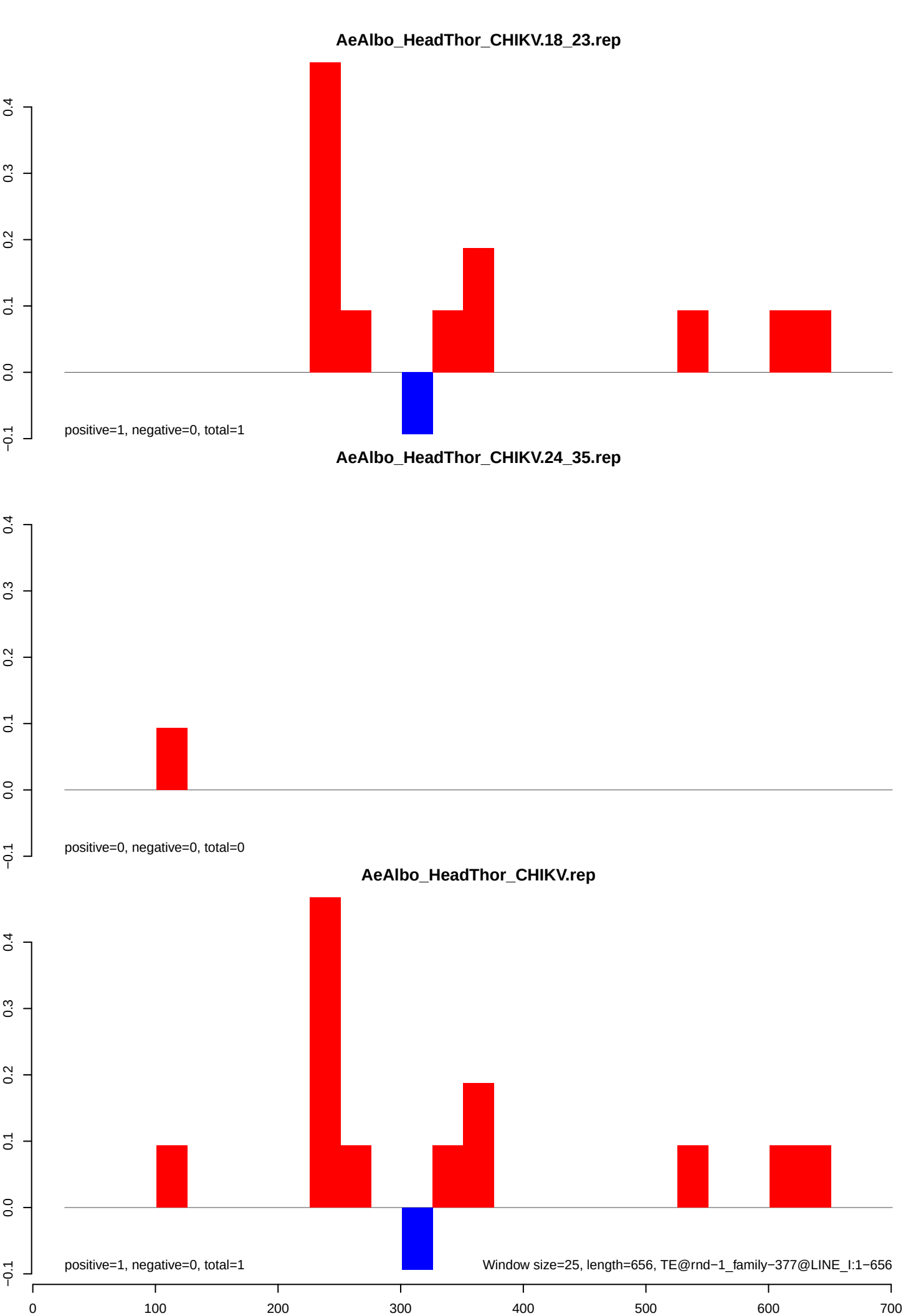

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=4, negative=0, total=4
Window size=25, length=504, TE@rnd-1_family-877@DNA:1-504
100
200
300
400
500

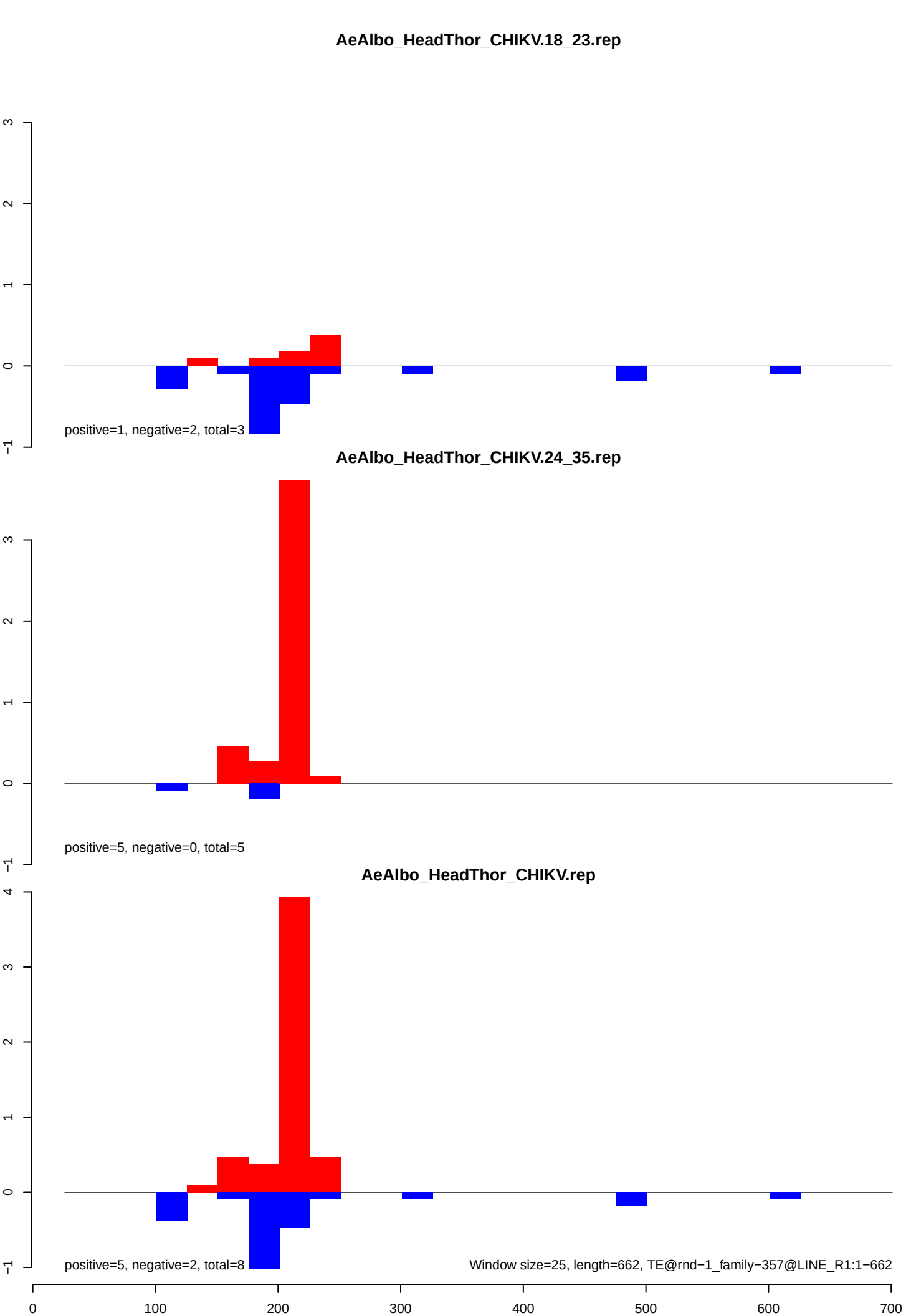

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1

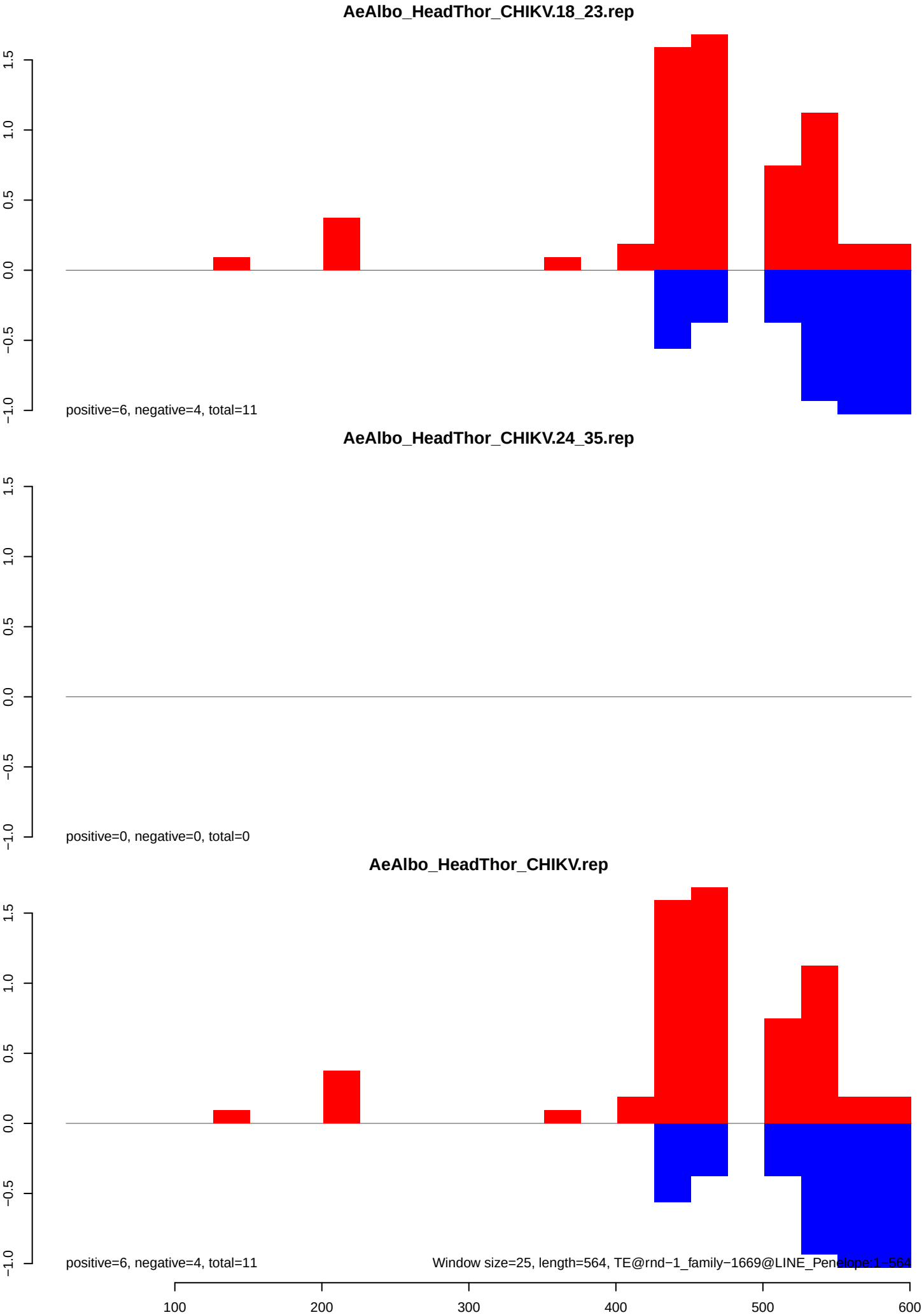

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

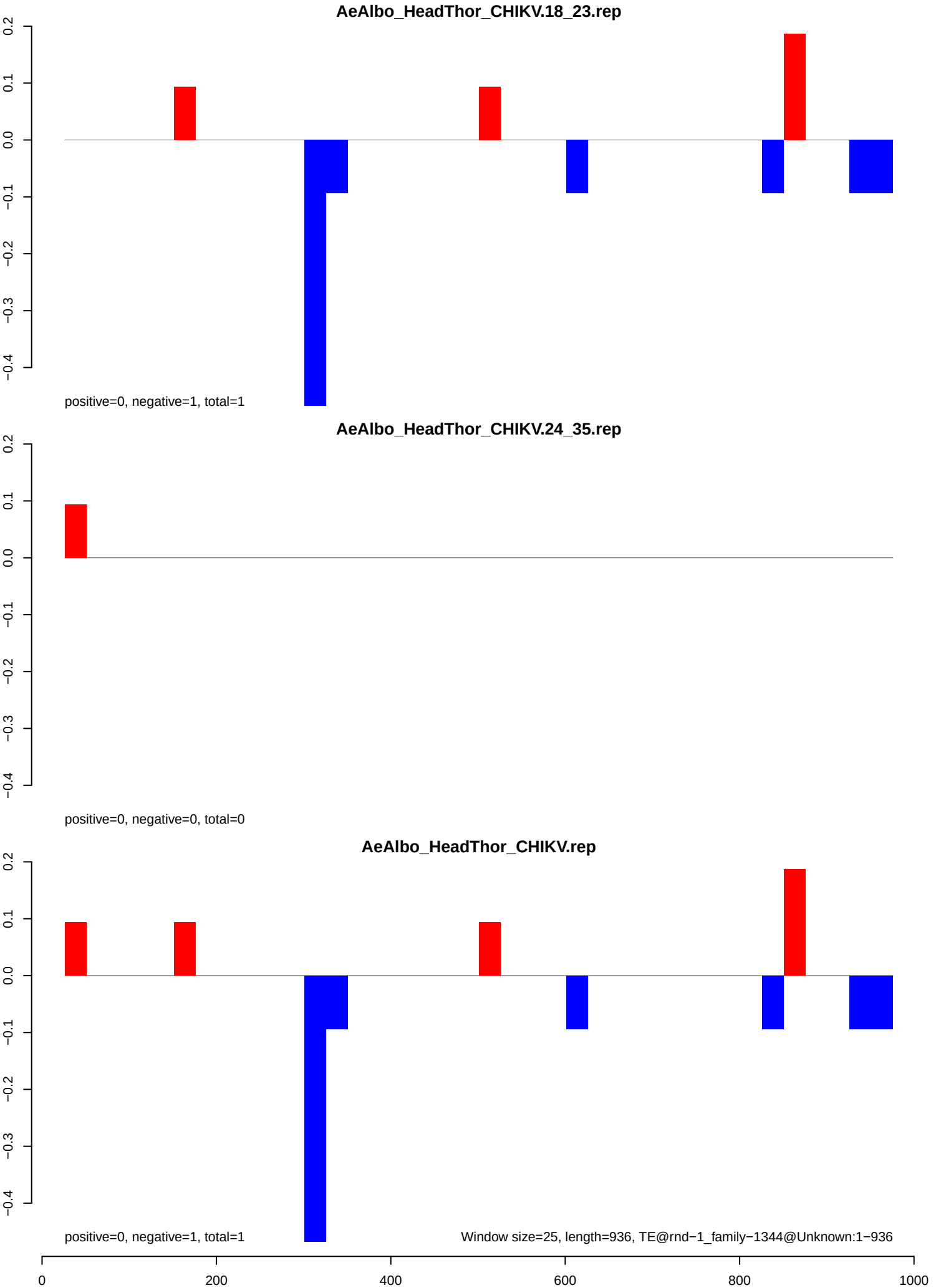

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=634, TE@rnd−1_family−810@DNA_hAT−Charlie:1−634
0
100
200
300
400
500
600
700

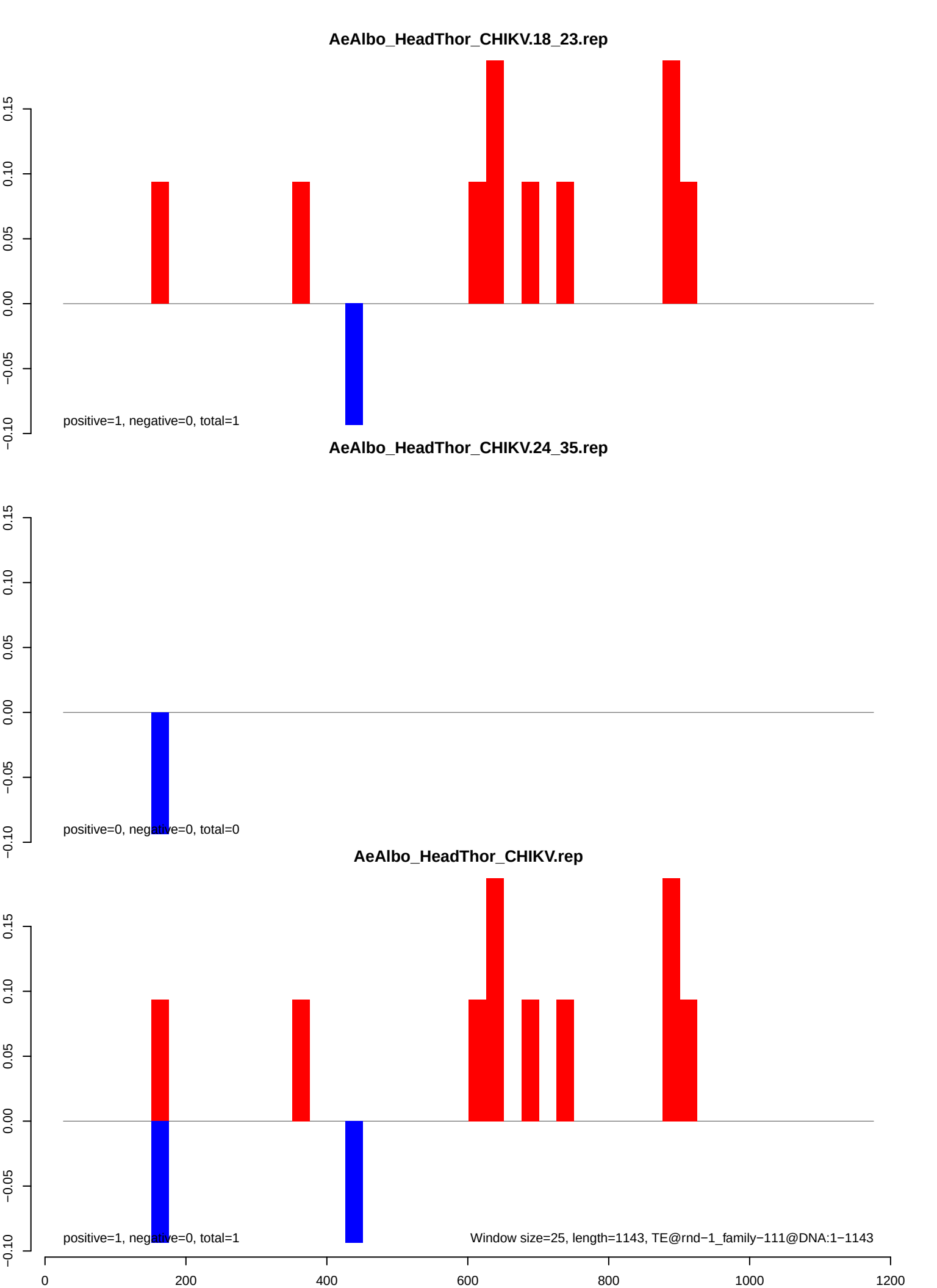

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=1, negative=3, total=4
Window size=25, length=857, TE@rnd−1_family−530@DNA_CMC−Transib:1−857
0
200
400
600
800

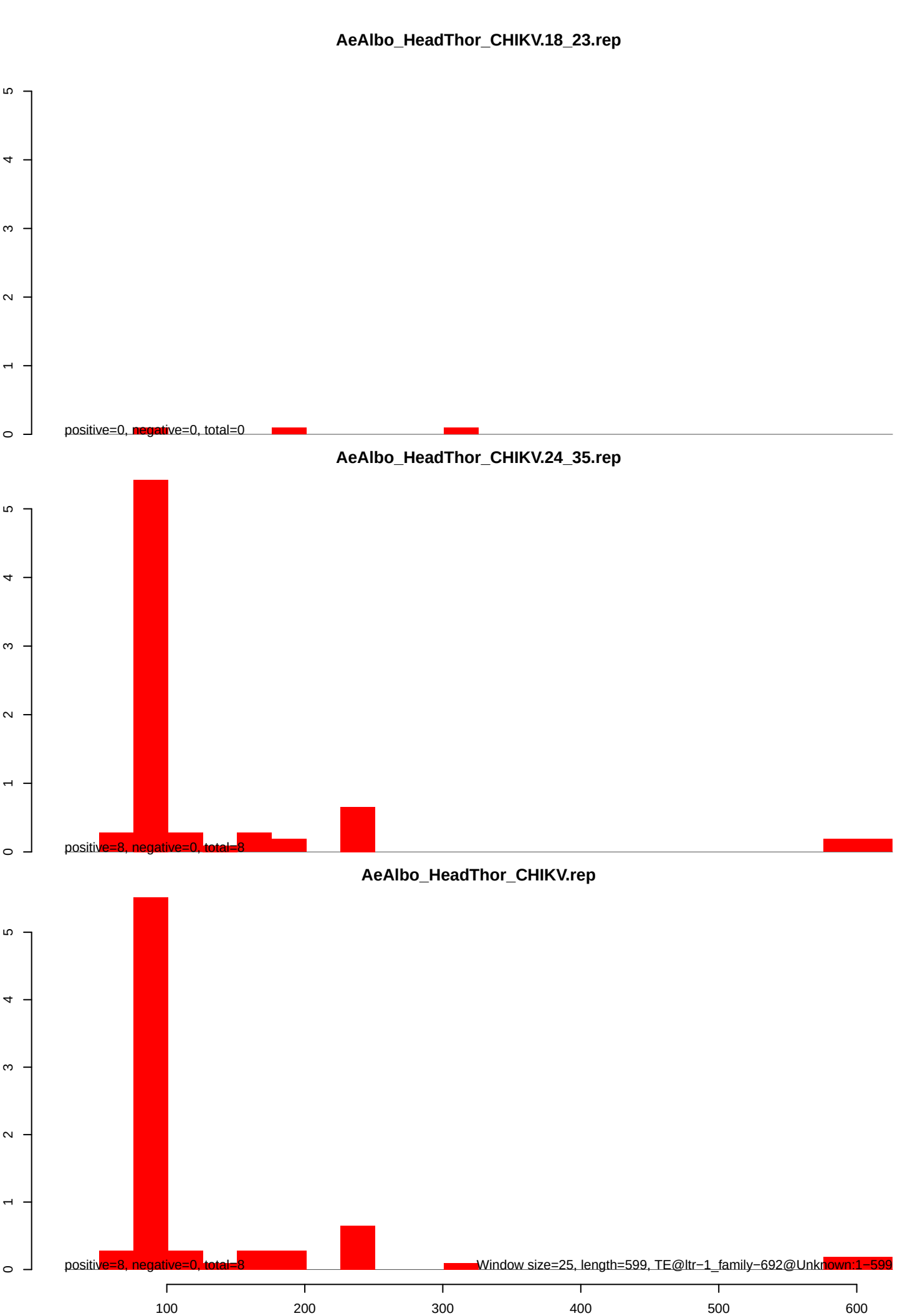

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=656, TE@rnd−1_family−377@LINE_I:1−656
−0.1
0.0
0.1
0.2
0.3
0.4
0
100
200
300
400
500
600
700

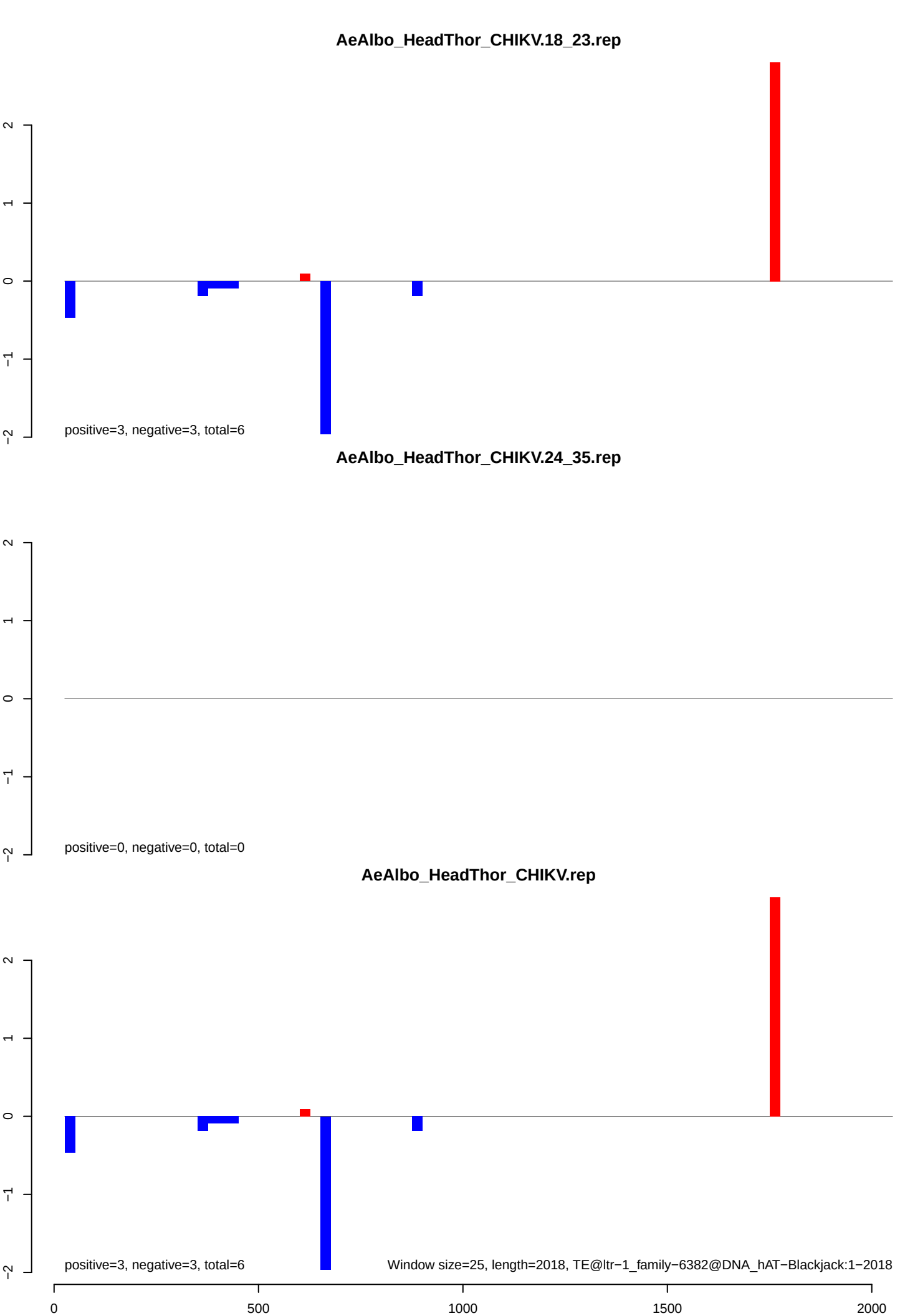

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=5, negative=0, total=5
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=2, total=8
Window size=25, length=662, TE@rnd−1_family−357@LINE_R1:1−662
0
100
200
300
400
500
600
700

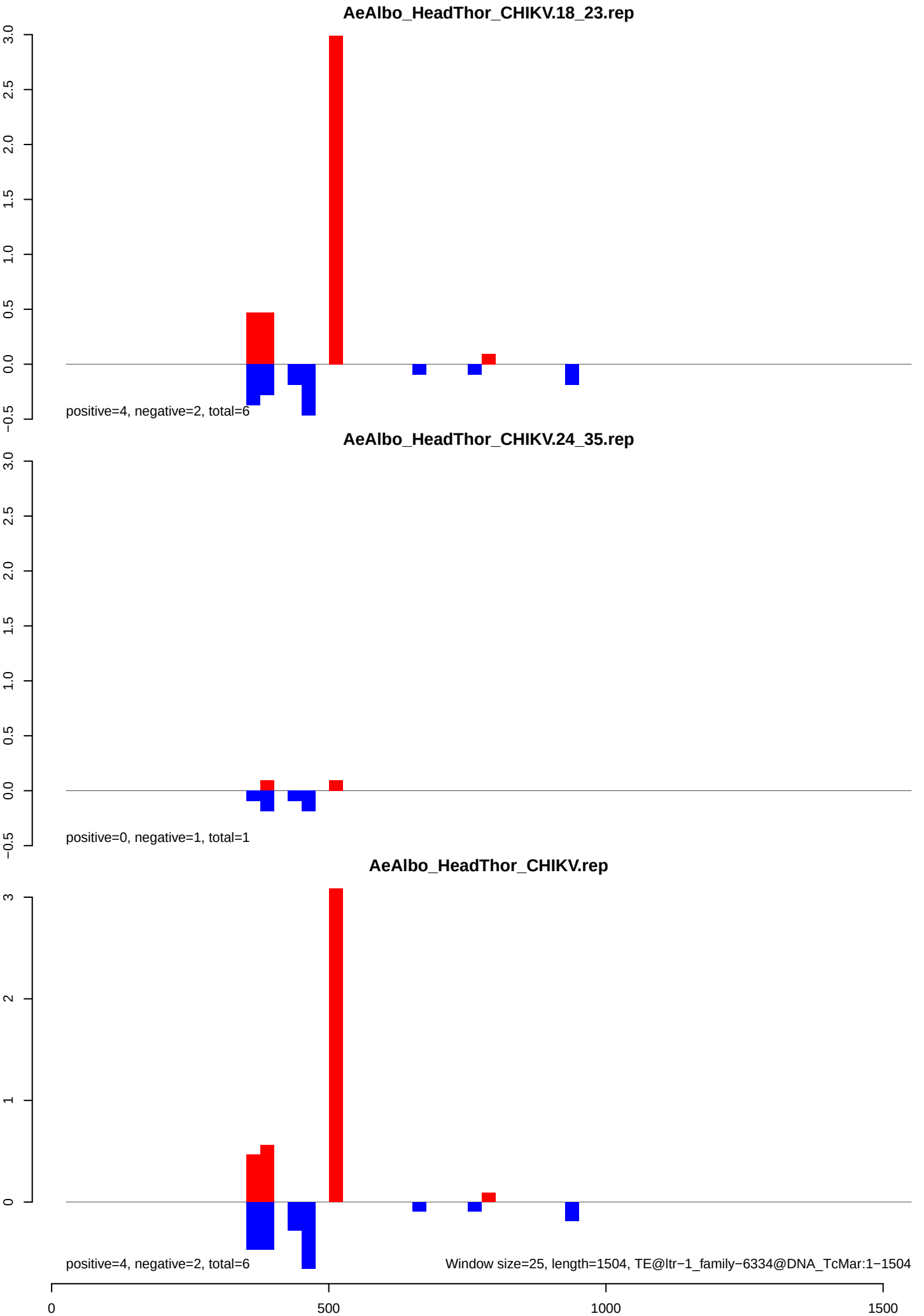

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=6, negative=4, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=4, total=11
Window size=25, length=564, TE@rnd−1_family−1669@LINE_Penelope:1−564
100
200
300
400
500
600

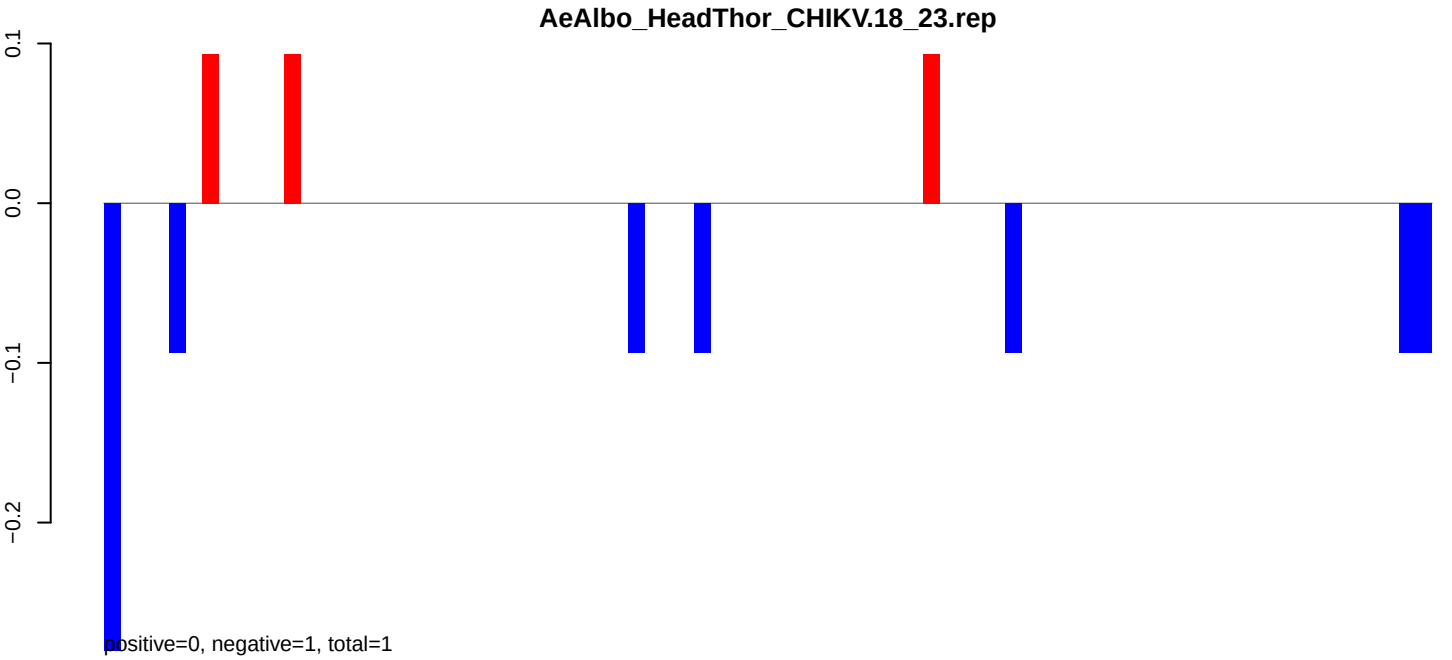

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=936, TE@rnd−1_family−1344@Unknown:1−936
0
200
400
600
800
1000

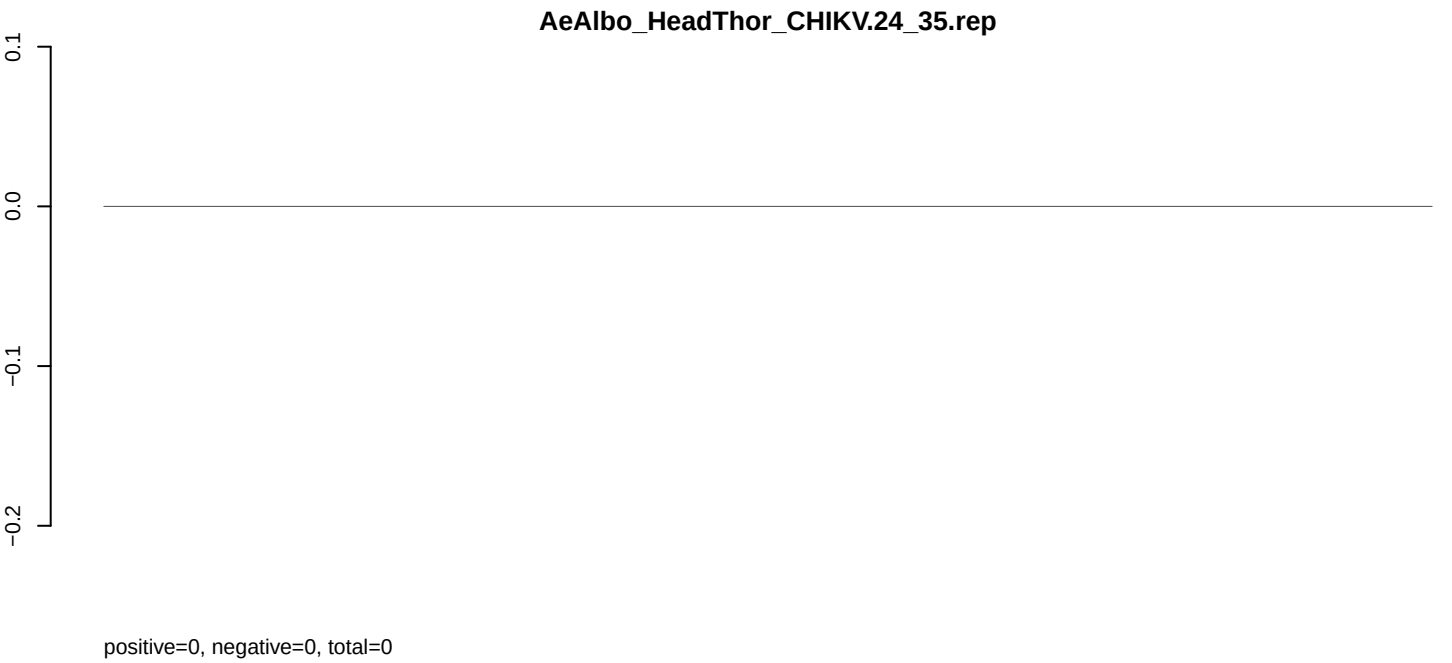

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=1143, TE@rnd−1_family−111@DNA:1−1143
0
200
400
600
800
1000
1200

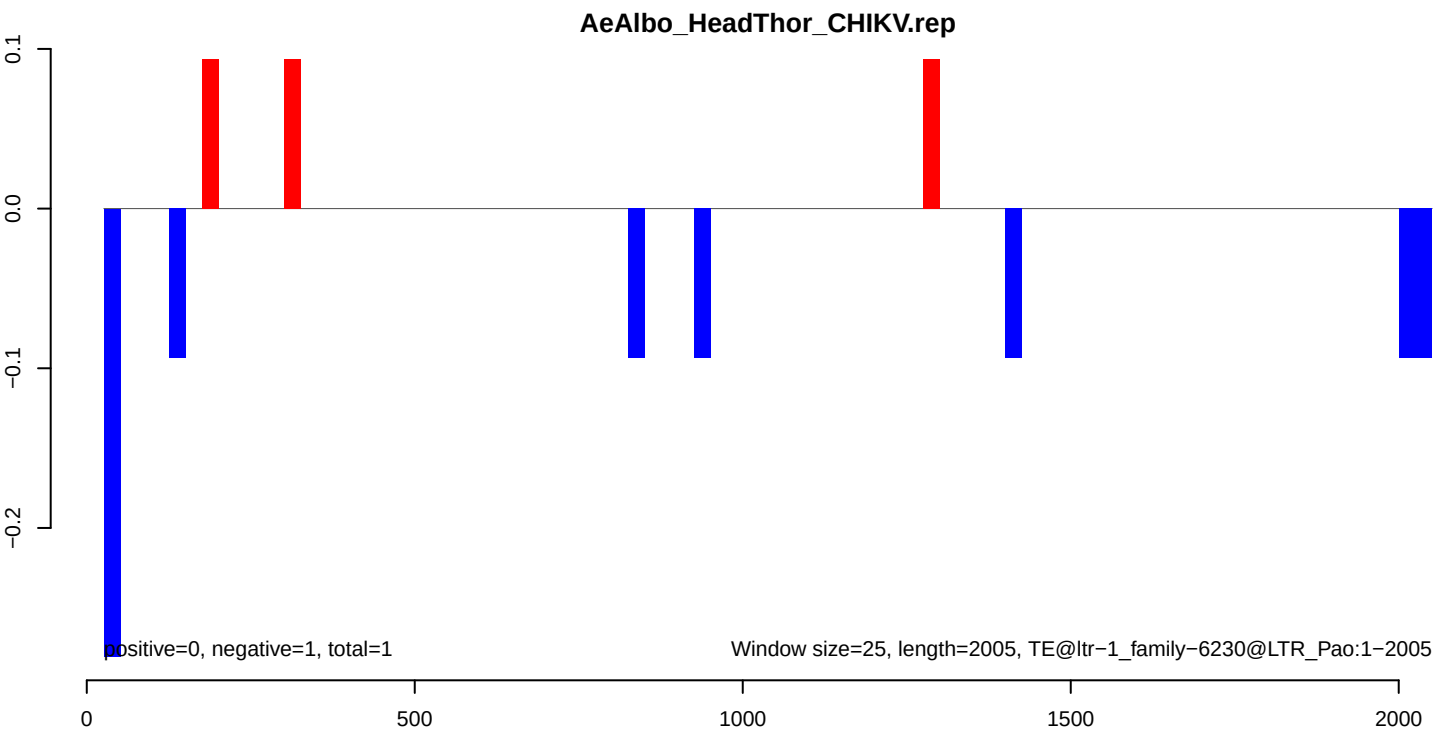

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=8, negative=0, total=8
AeAlbo_HeadThor_CHIKV.rep
positive=8, negative=0, total=8
Window size=25, length=599, TE@ltr−1_family−692@Unknown:1−599
0
1
2
3
4
5
100
200
300
400
500
600

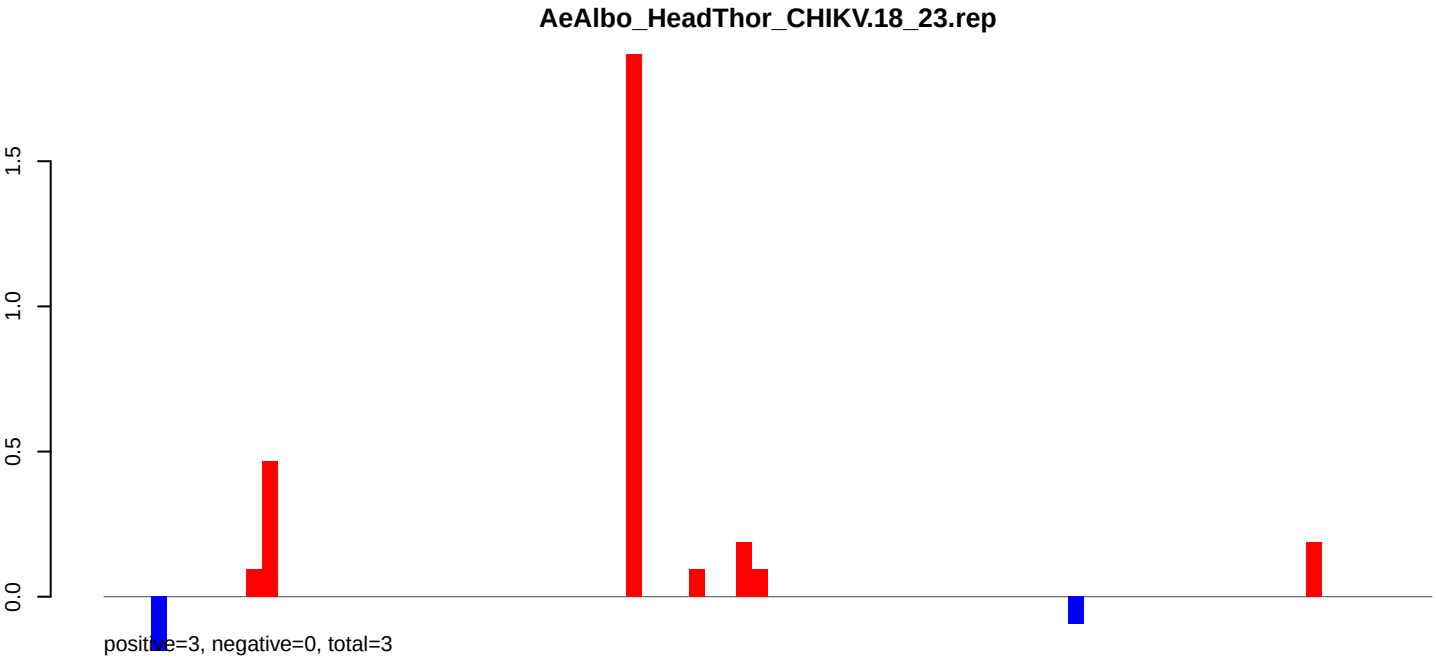

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=3, total=6
Window size=25, length=2018, TE@ltr−1_family−6382@DNA_hAT−Blackjack:1−2018
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=2, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=4, negative=2, total=6
Window size=25, length=1504, TE@ltr−1_family−6334@DNA_TcMar:1−1504
0
500
1000
1500

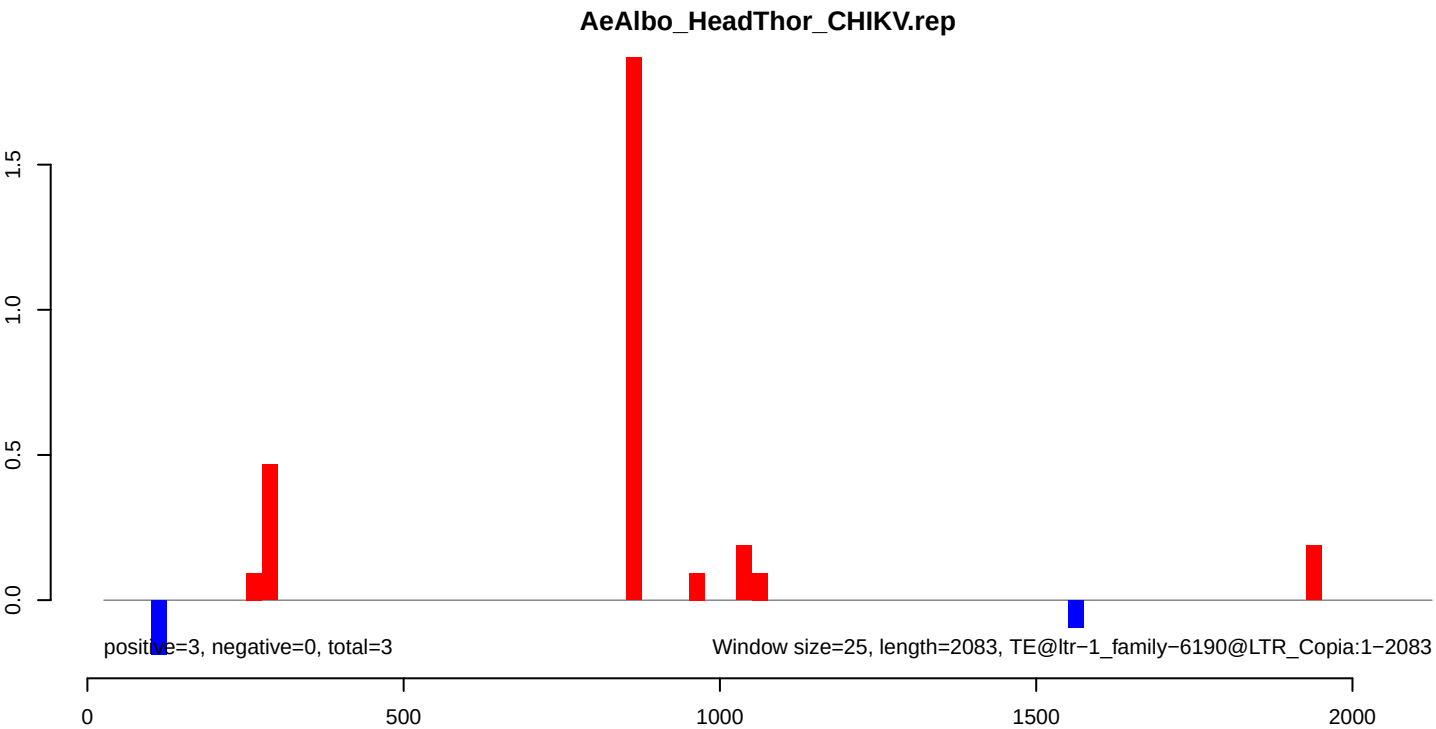

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

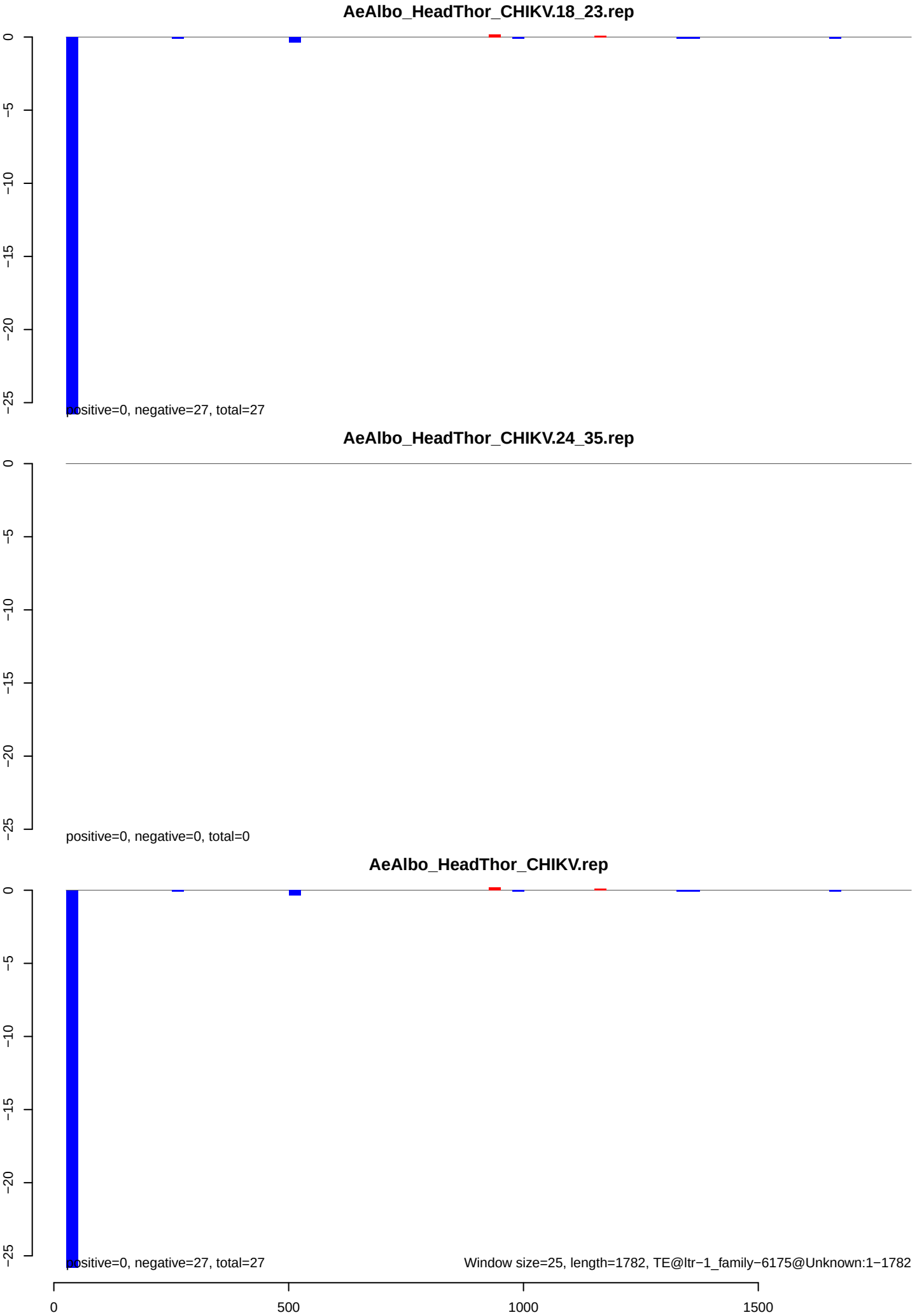

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

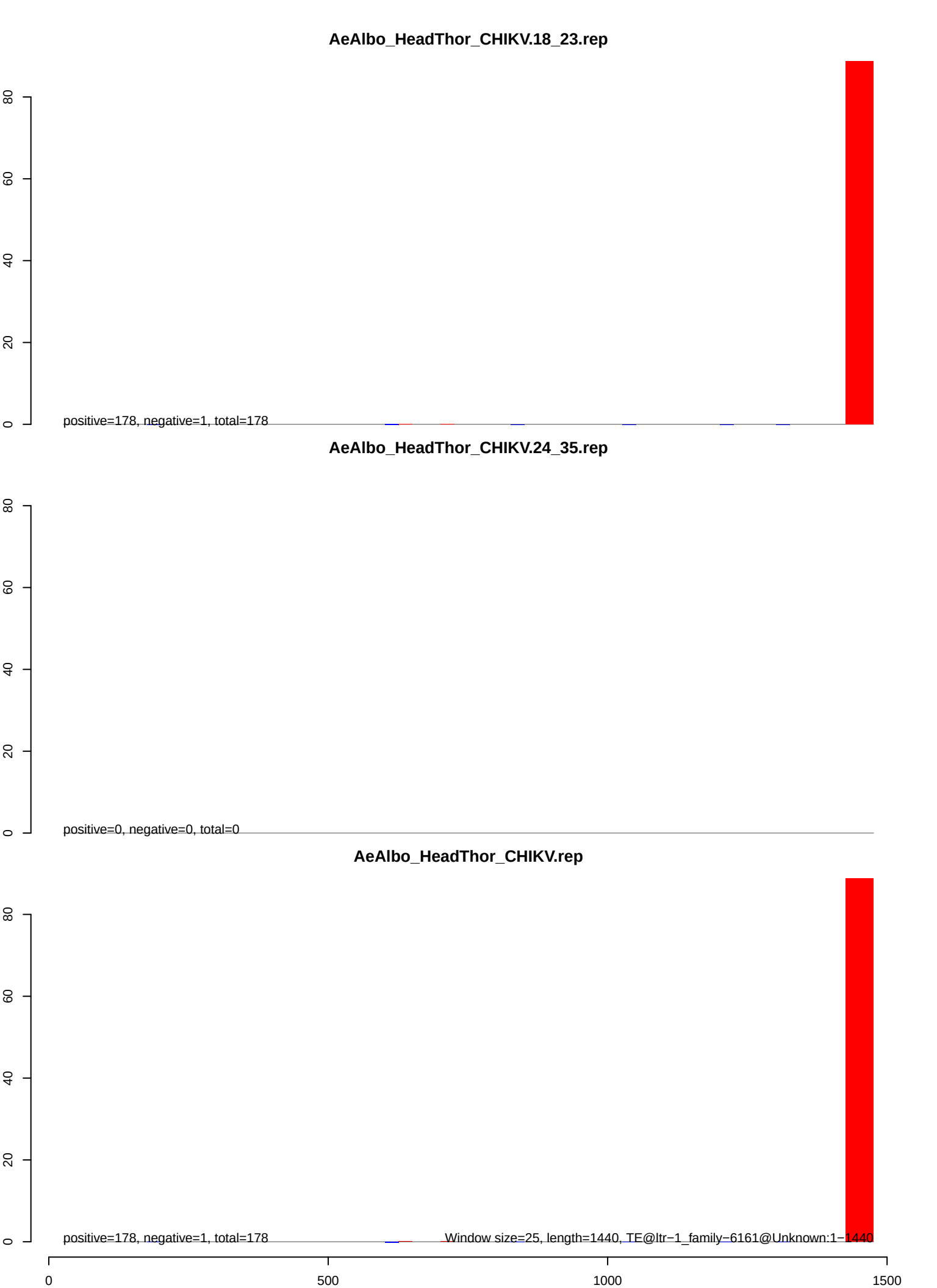

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=2005, TE@ltr−1_family−6230@LTR_Pao:1−2005
0
500
1000
1500
2000

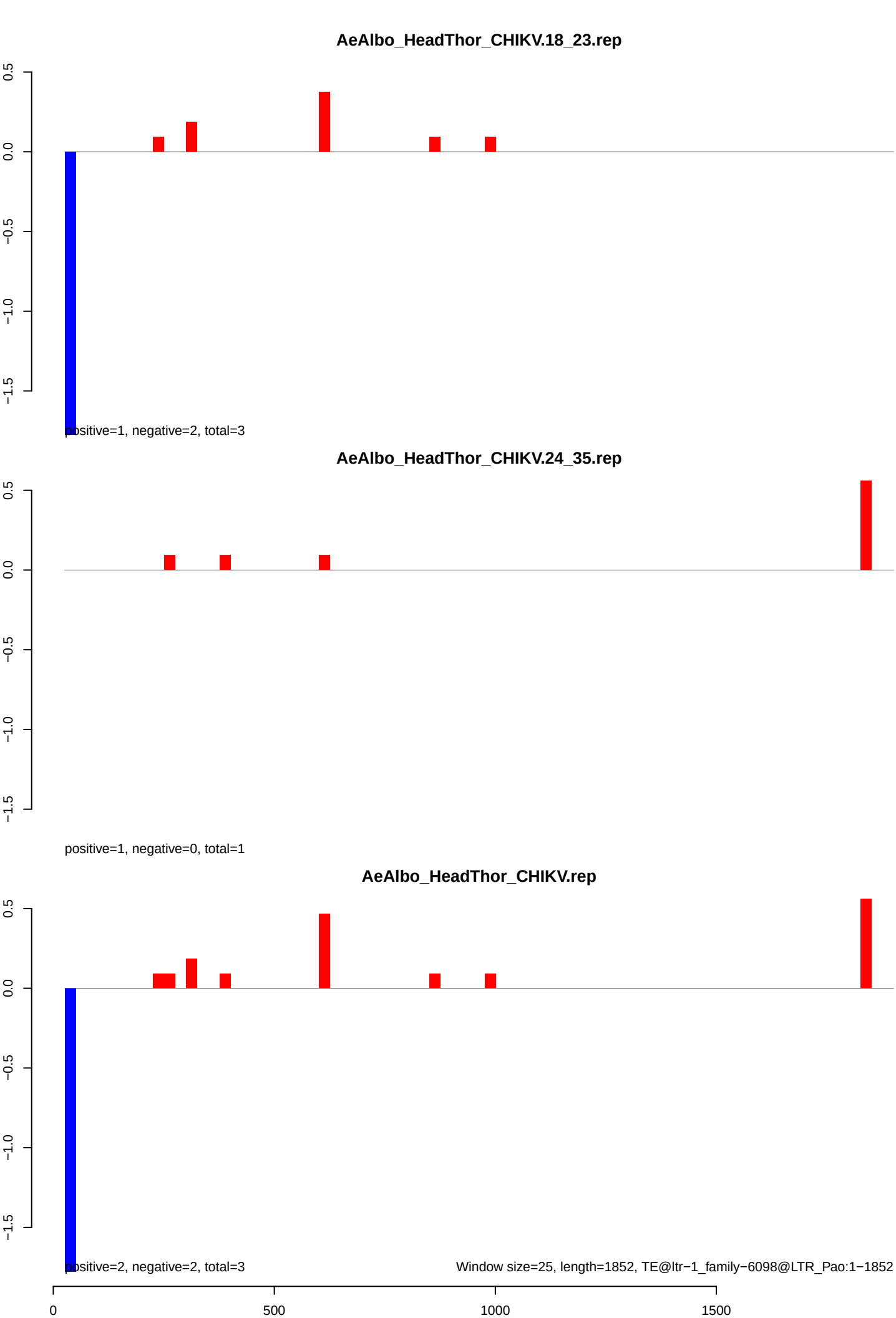

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3

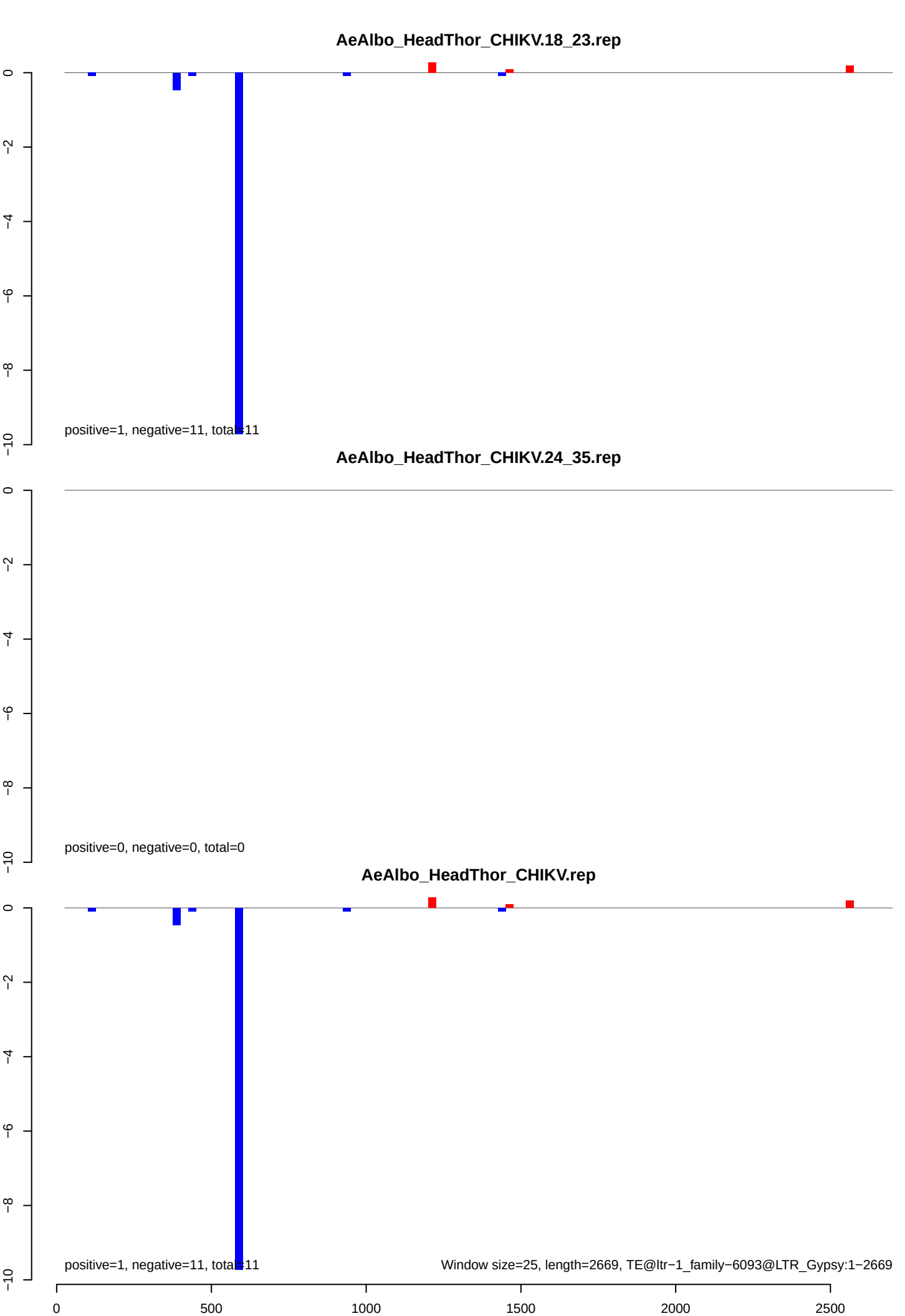
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

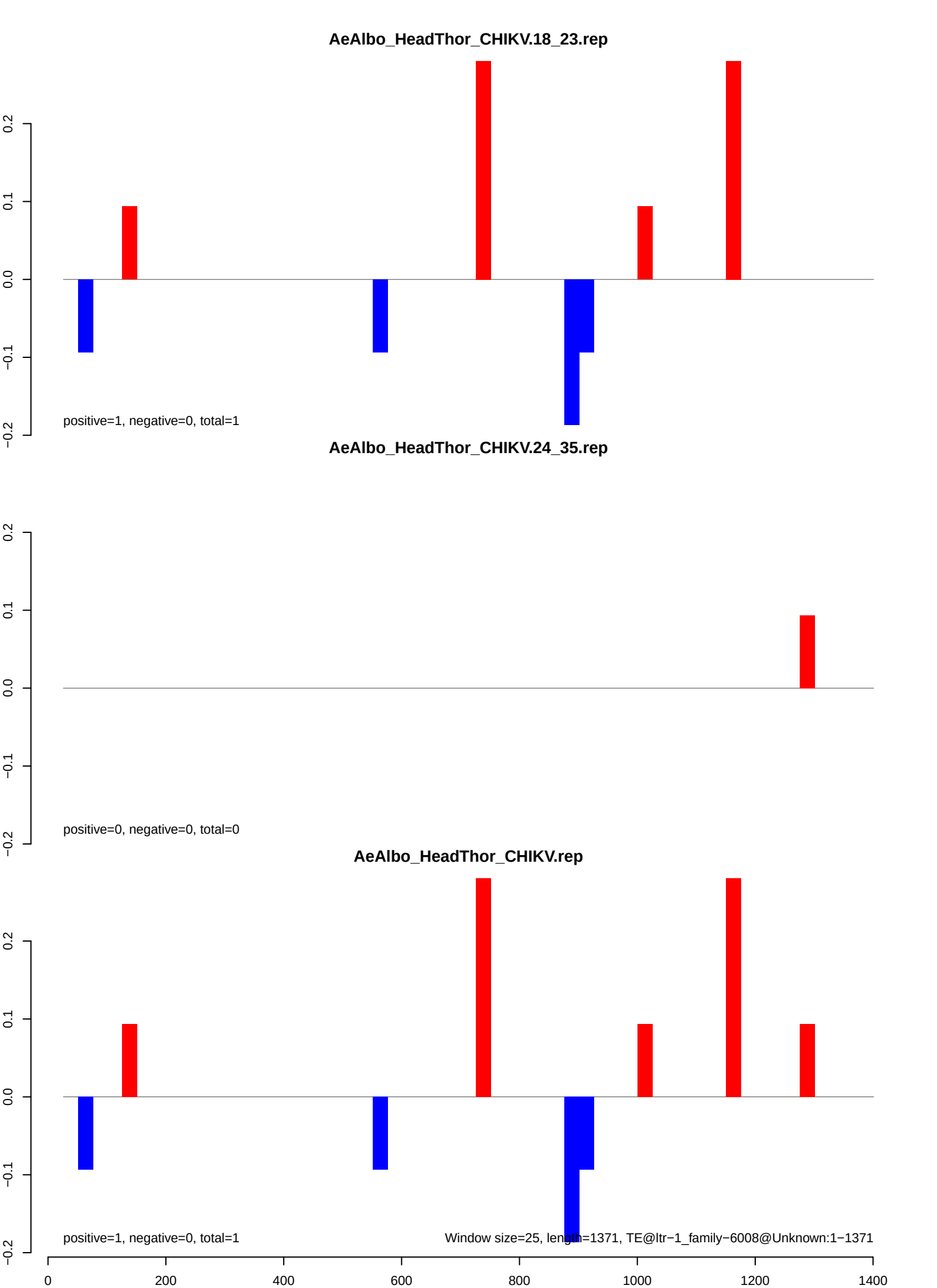

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3
Window size=25, length=2083, TE@ltr−1_family−6190@LTR_Copia:1−2083
0
500
1000
1500
2000

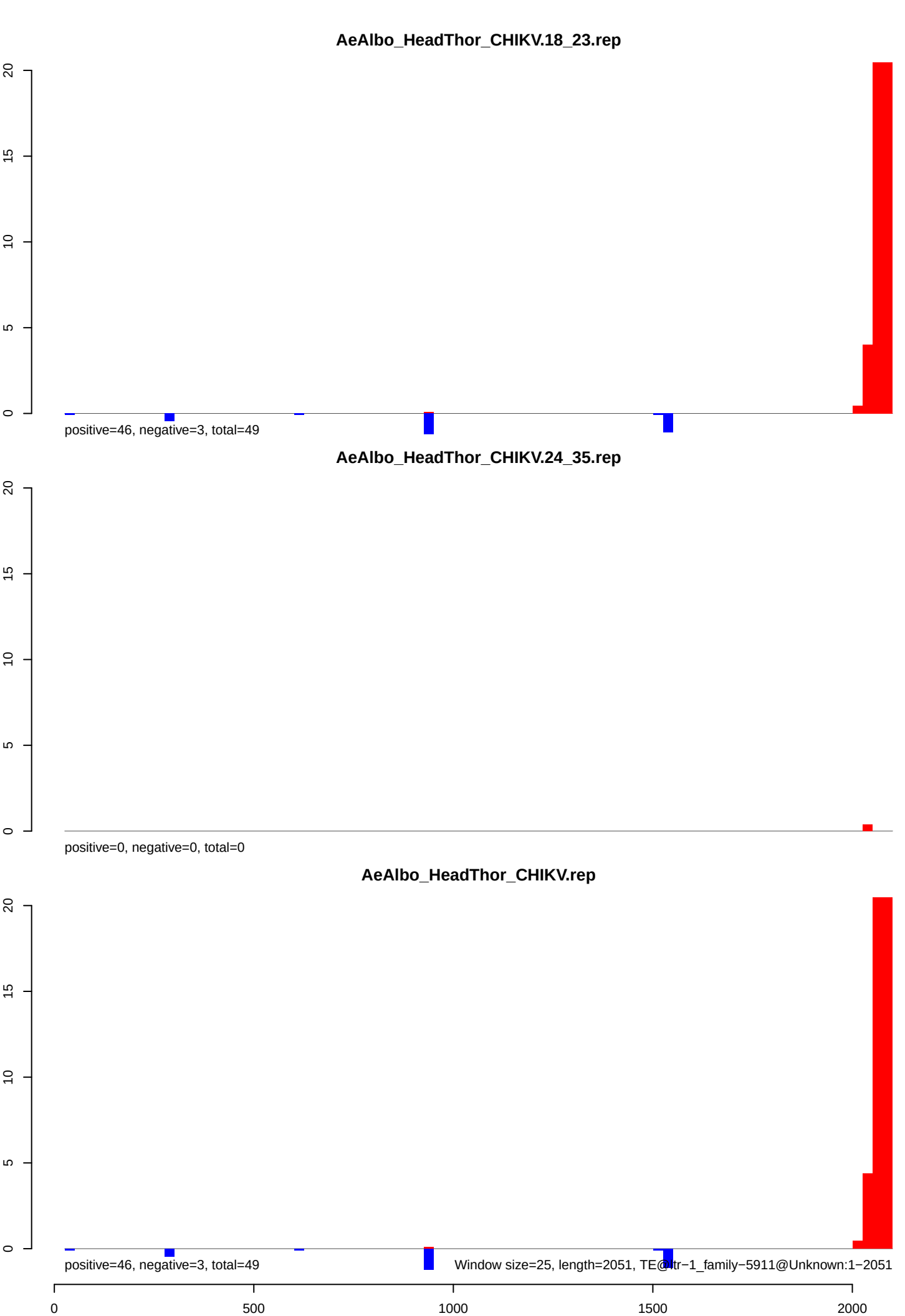

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=0, negative=27, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=0, negative=27, total=27
Window size=25, length=1782, TE@ltr−1_family−6175@Unknown:1−1782
0
500
1000
1500

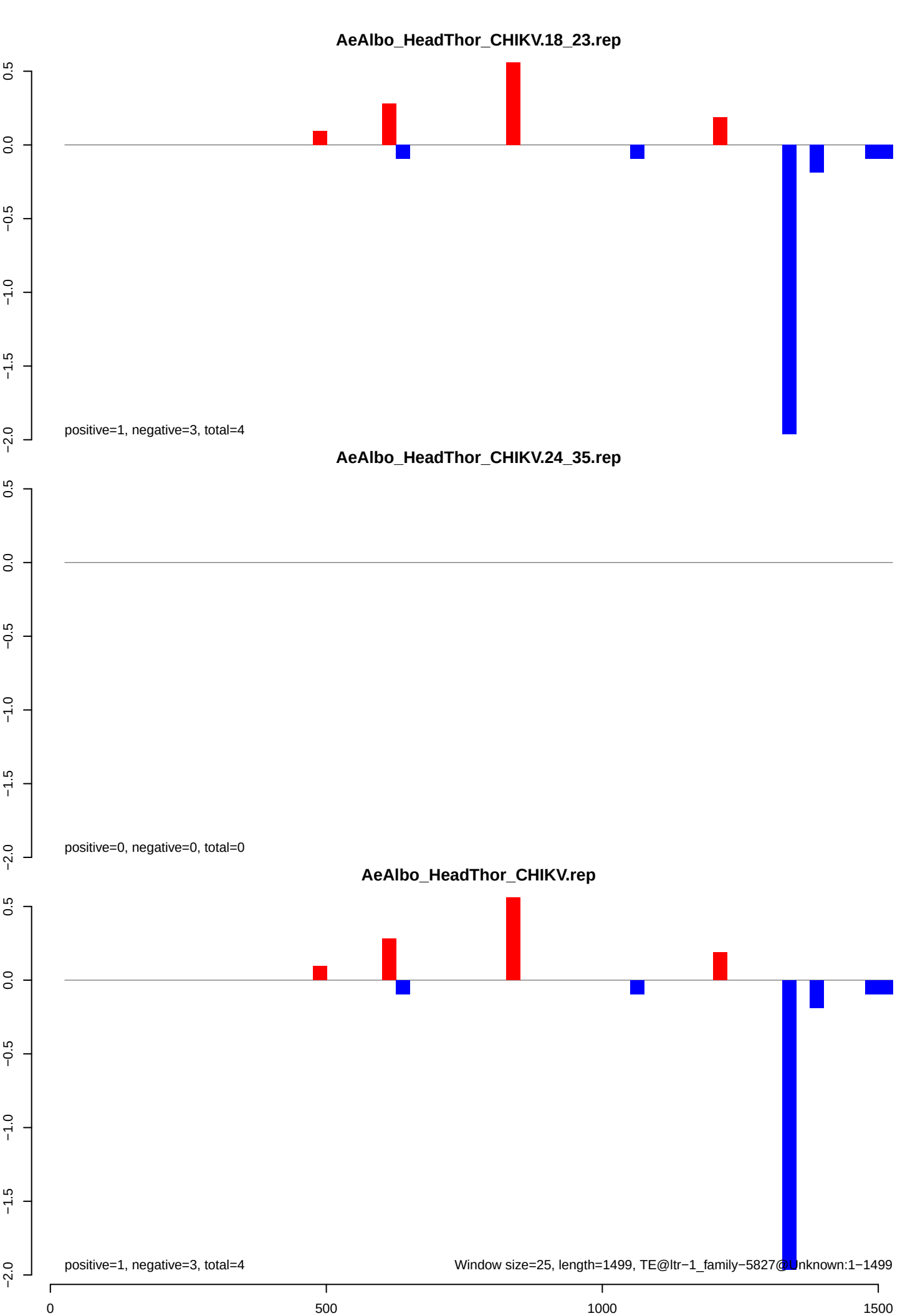

AeAlbo_HeadThor_CHIKV.18_23.rep
0
20
40
60
80
positive=178, negative=1, total=178
AeAlbo_HeadThor_CHIKV.24_35.rep
0
20
40
60
80
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
20
40
60
80
positive=178, negative=1, total=178
Window size=25, length=1440, TE@ltr−1_family−6161@Unknown:1−1440
0
500
1000
1500

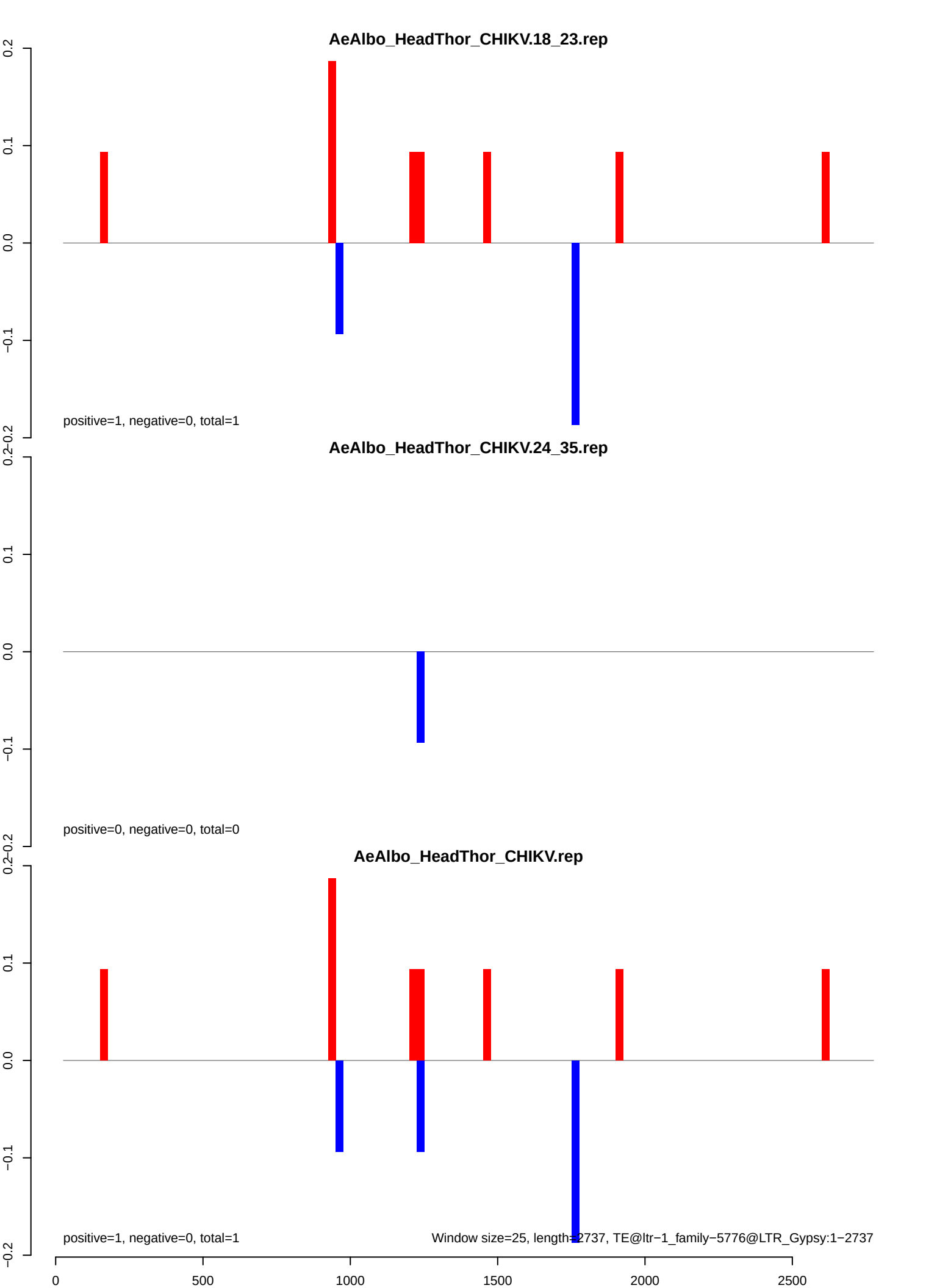

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=3
Window size=25, length=1852, TE@ltr−1_family−6098@LTR_Pao:1−1852
0
500
1000
1500

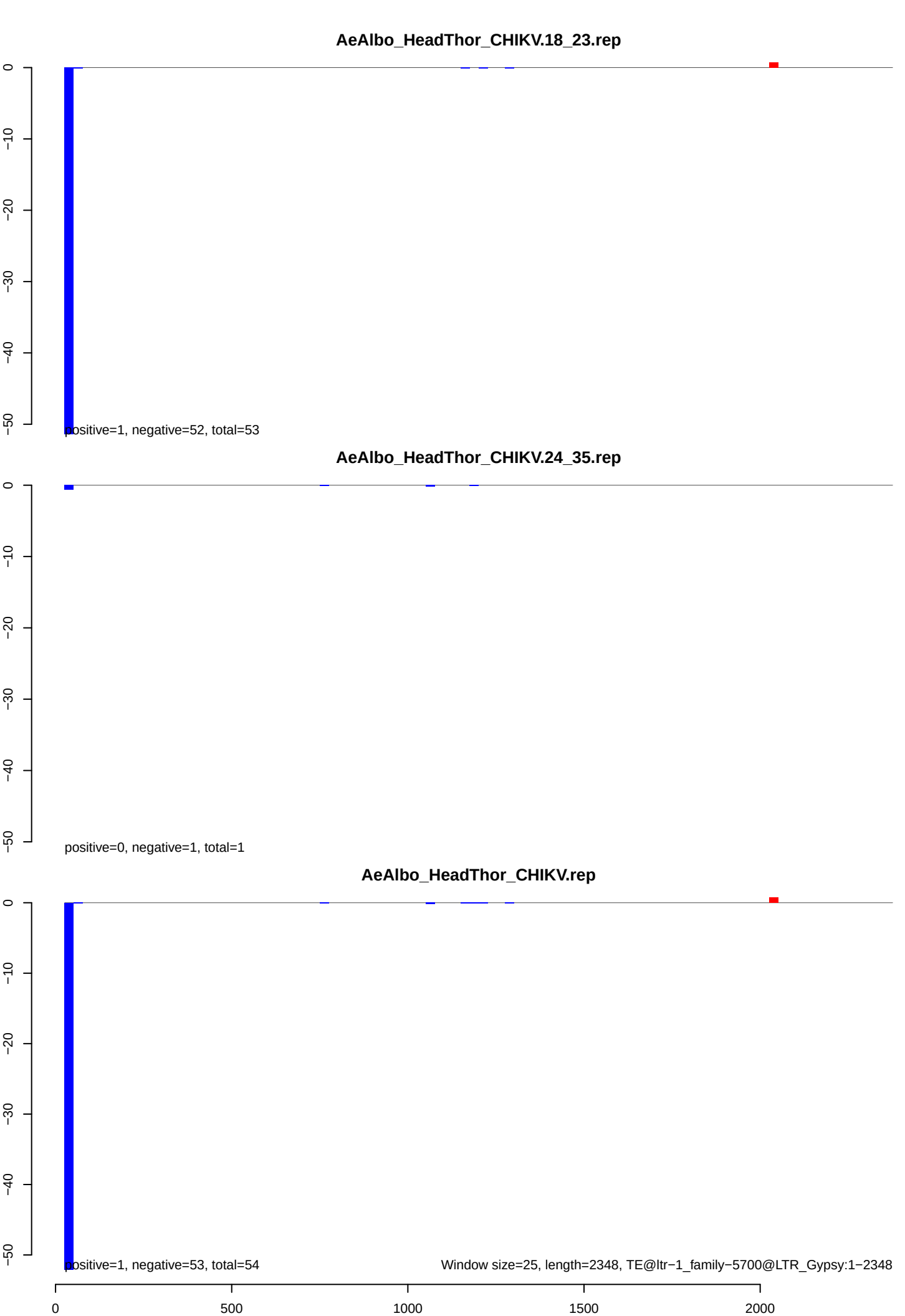

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=11, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=11, total=11
Window size=25, length=2669, TE@ltr−1_family−6093@LTR_Gypsy:1−2669
0
−2
−4
−6
−8
−10
0
500
1000
1500
2000
2500

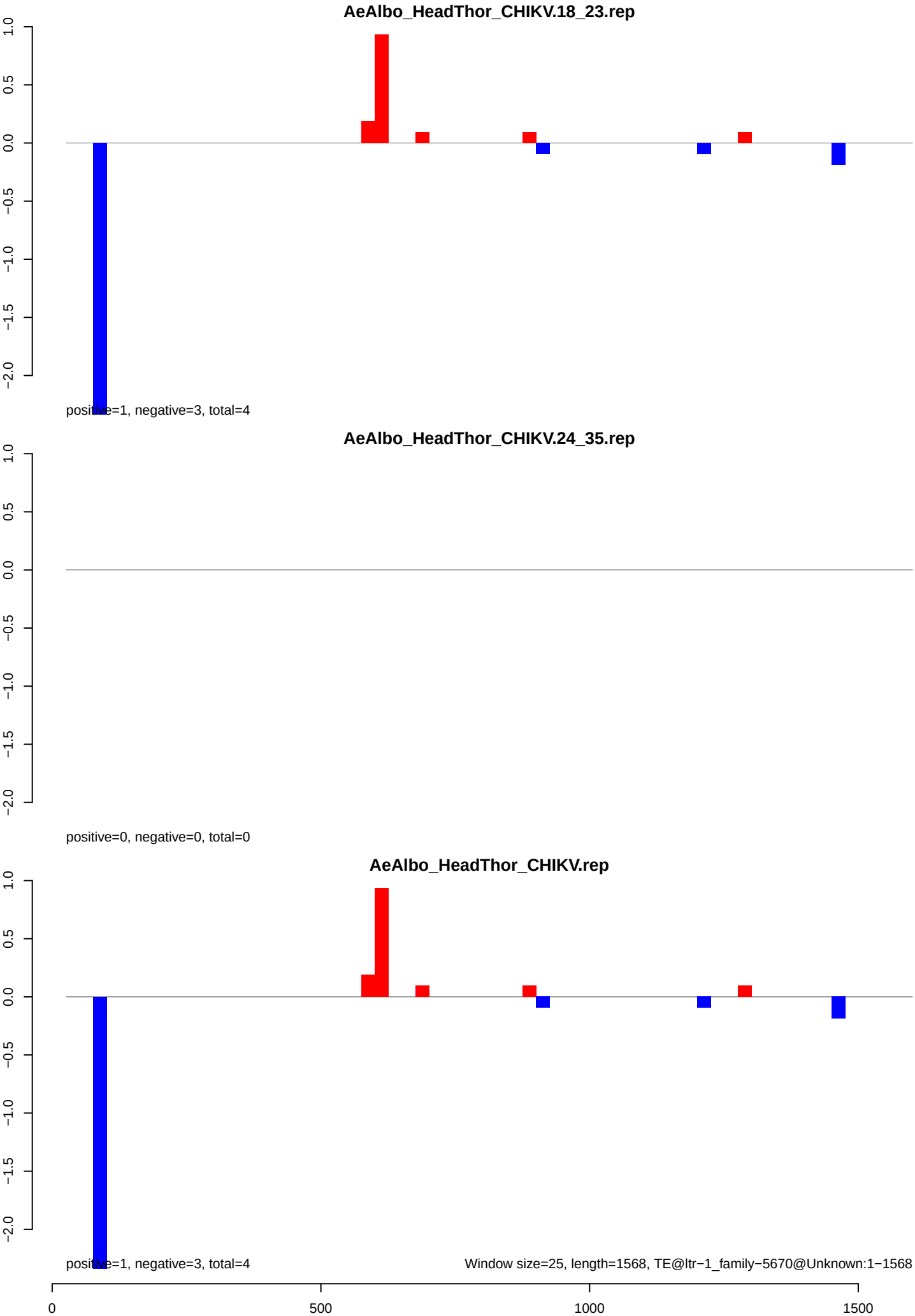

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=1371, TE@ltr−1_family−6008@Unknown:1−1371
0
200
400
600
800
1000
1200
1400

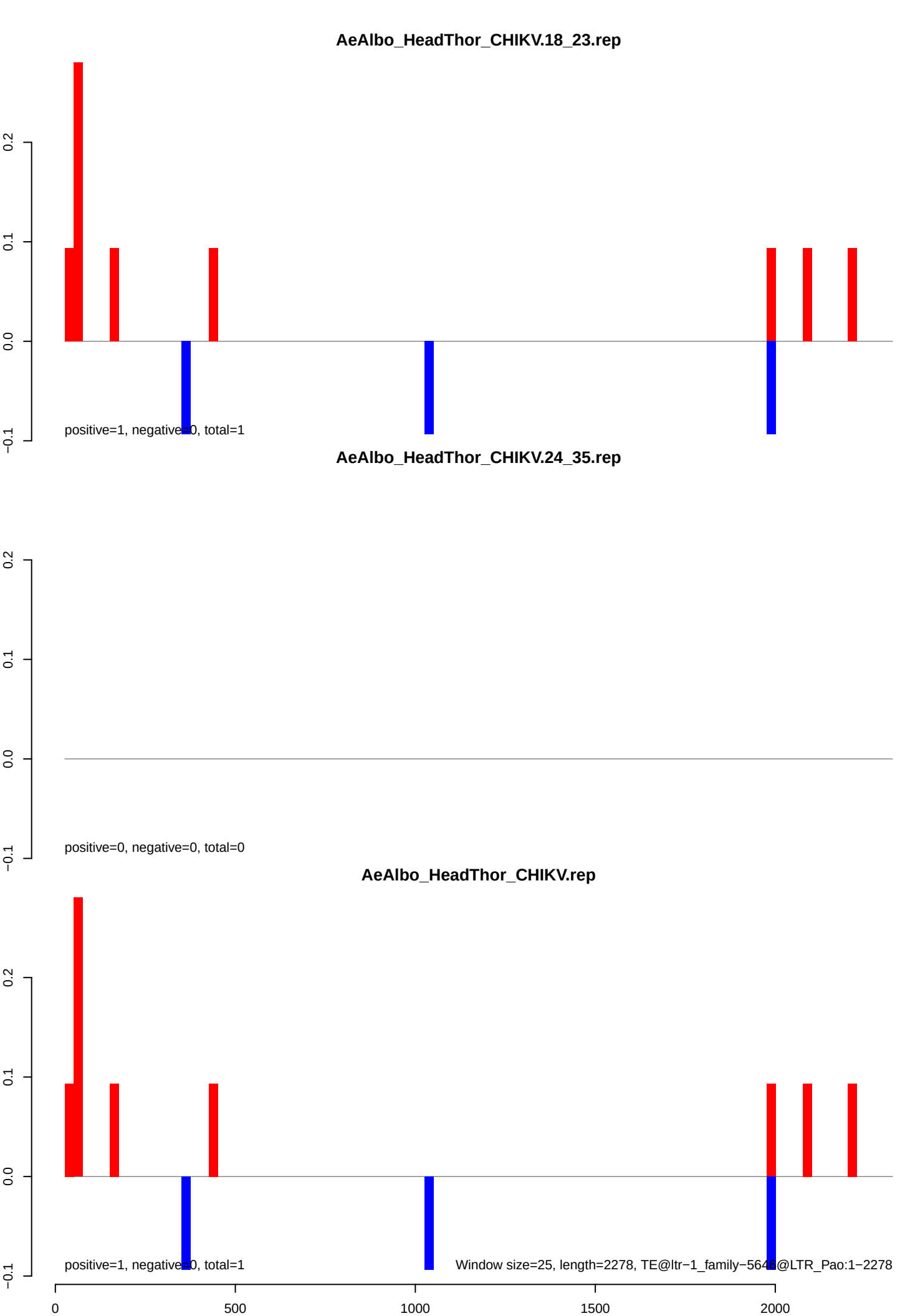

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=46, negative=3, total=49
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=46, negative=3, total=49
Window size=25, length=2051, TE@ltr−1_family−5911@Unknown:1−2051
0
500
1000
1500
2000

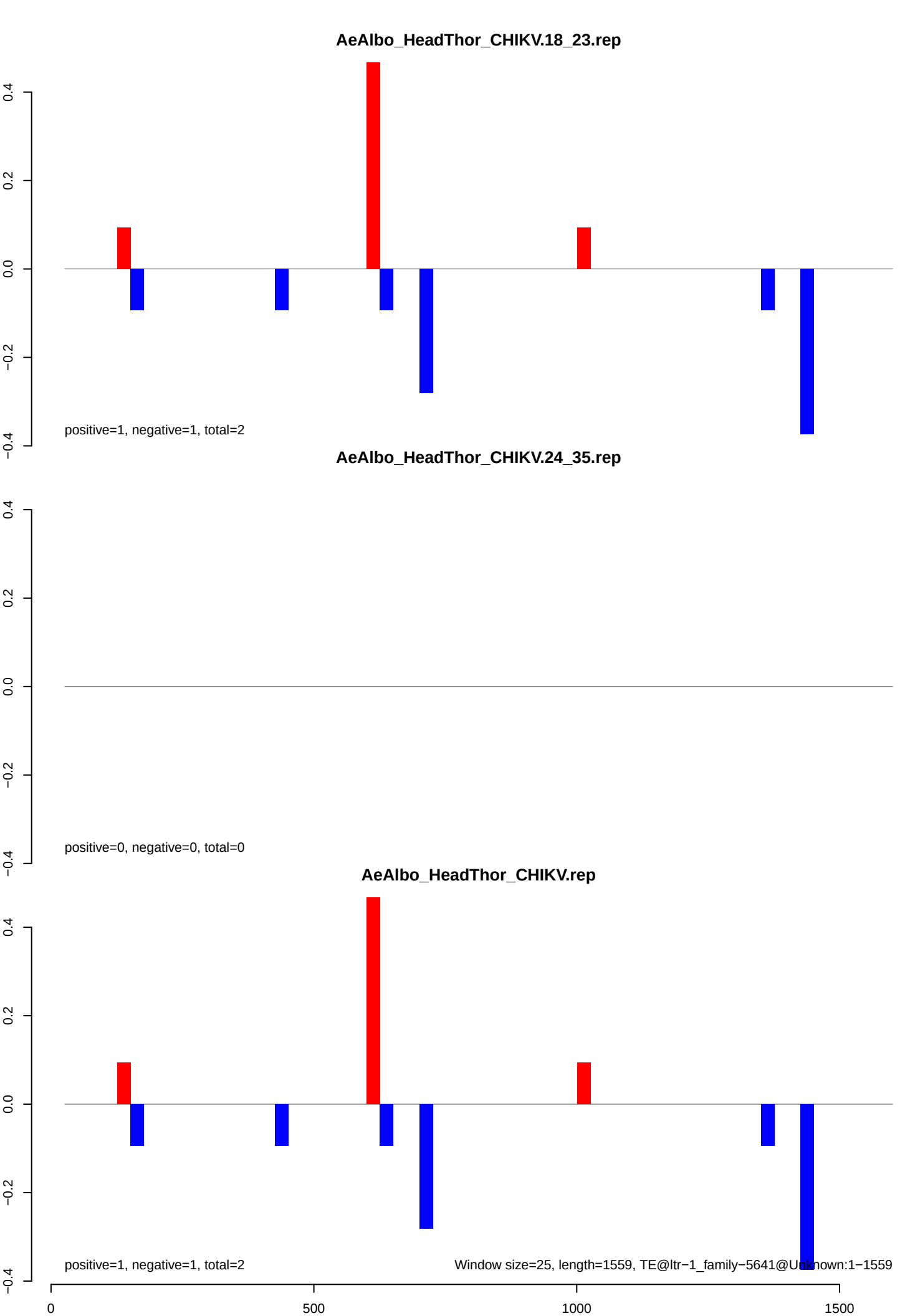

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
Window size=25, length=1499, TE@ltr−1_family−5827@Unknown:1−1499
0
500
1000
1500

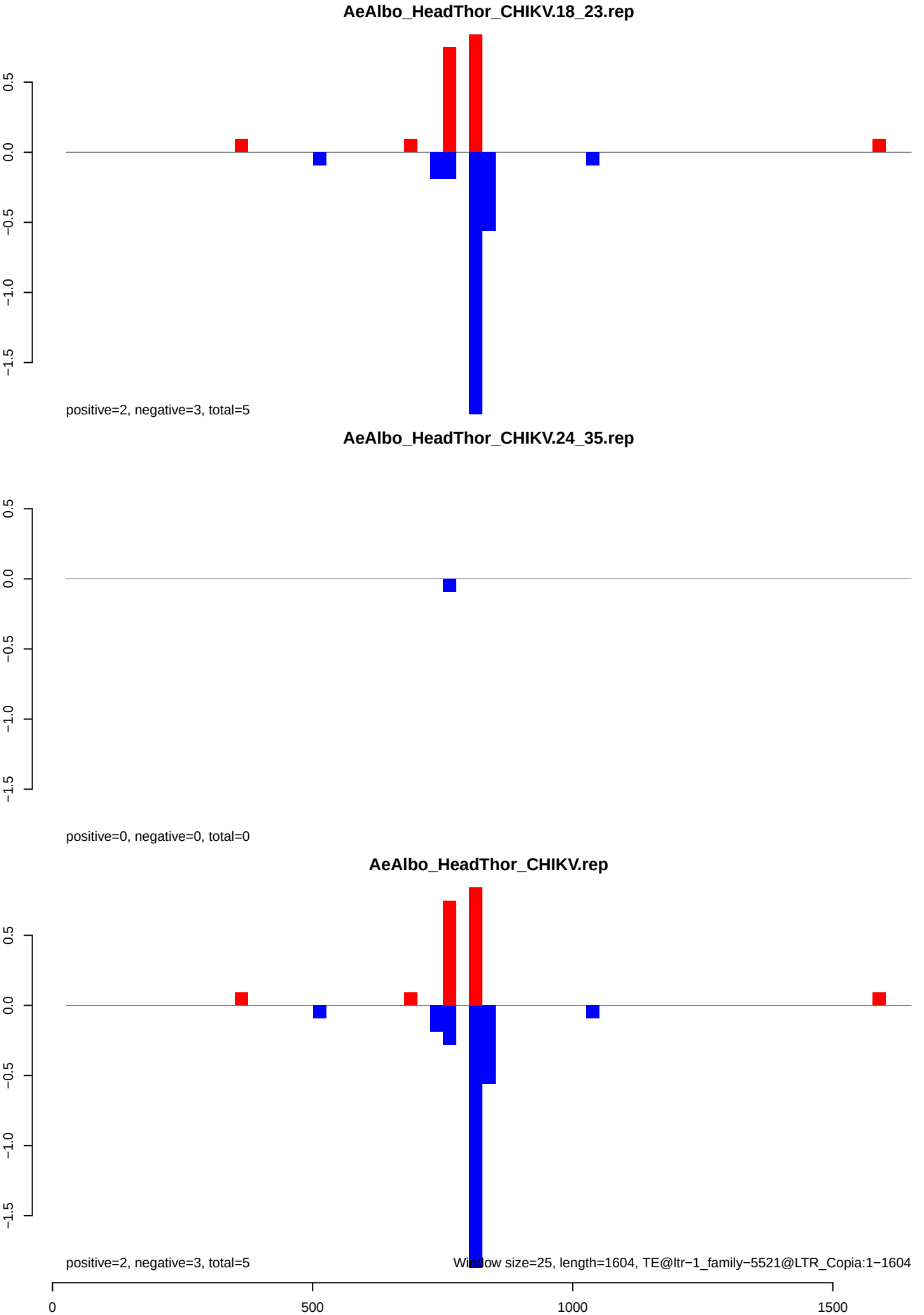

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=2737, TE@ltr−1_family−5776@LTR_Gypsy:1−2737
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500

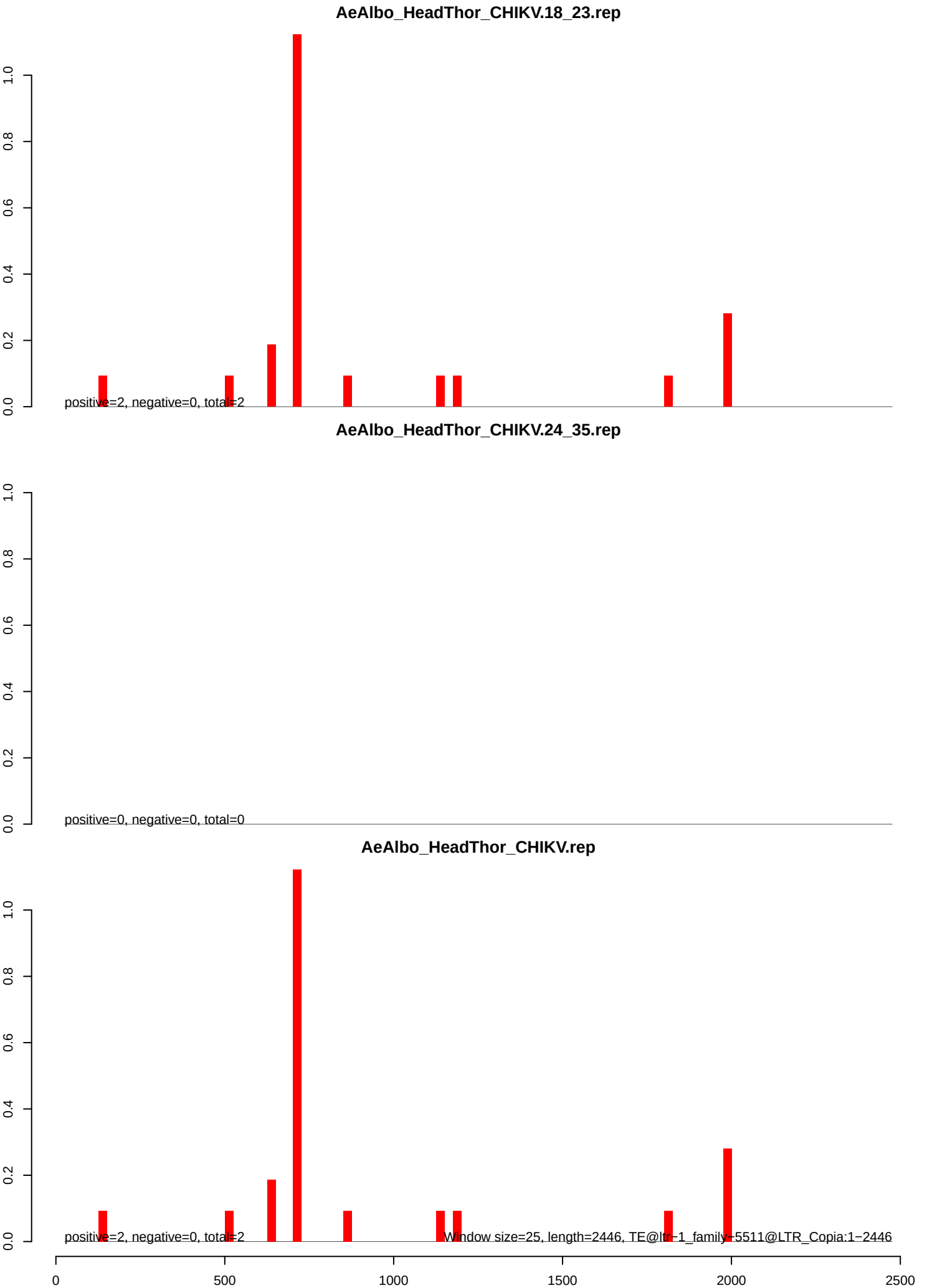

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
positive=1, negative=52, total=53
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
−50
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
positive=1, negative=53, total=54
Window size=25, length=2348, TE@ltr−1_family−5700@LTR_Gypsy:1−2348
0
500
1000
1500
2000

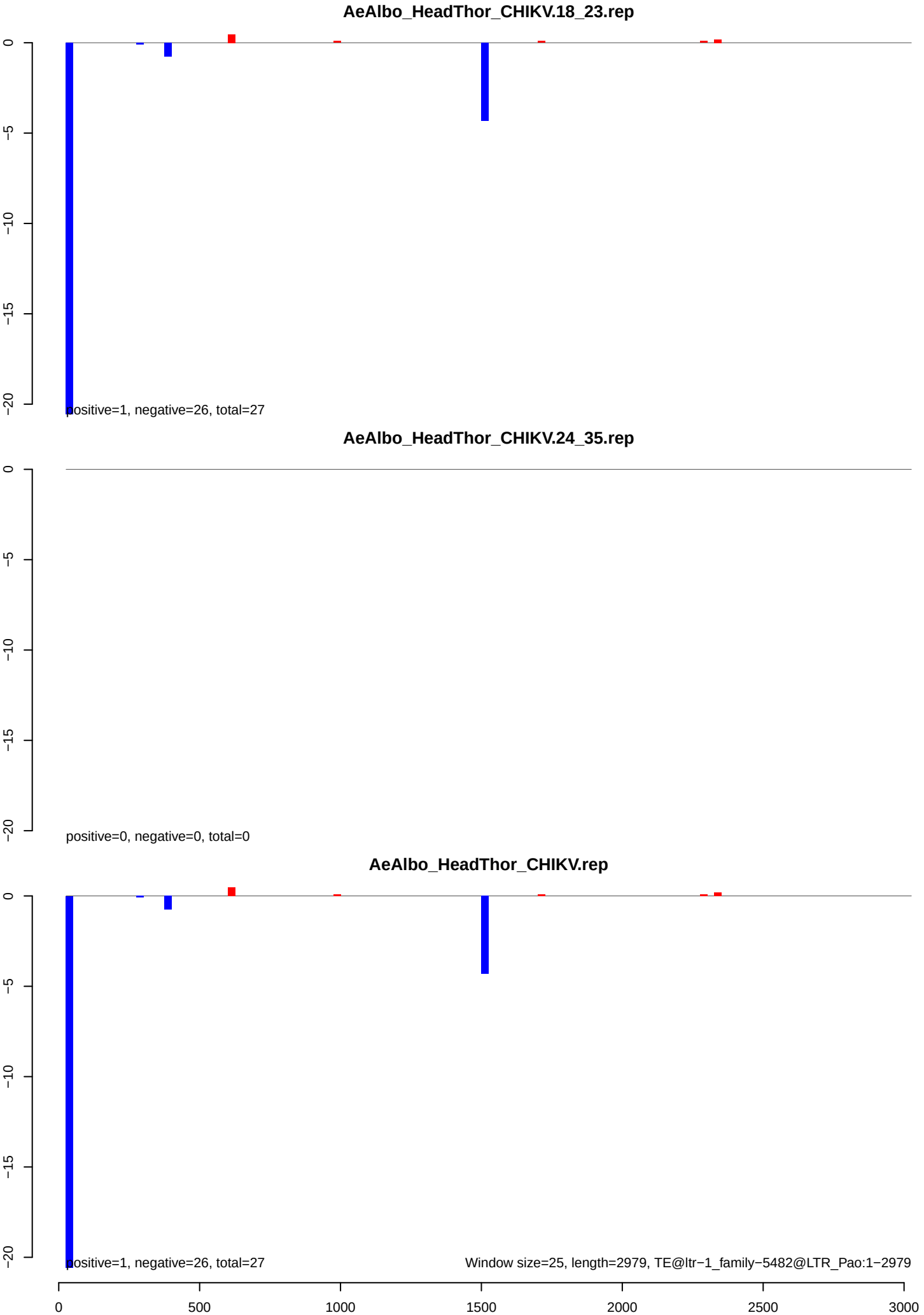

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=3, total=4
Window size=25, length=1568, TE@ltr−1_family−5670@Unknown:1−1568
0
500
1000
1500

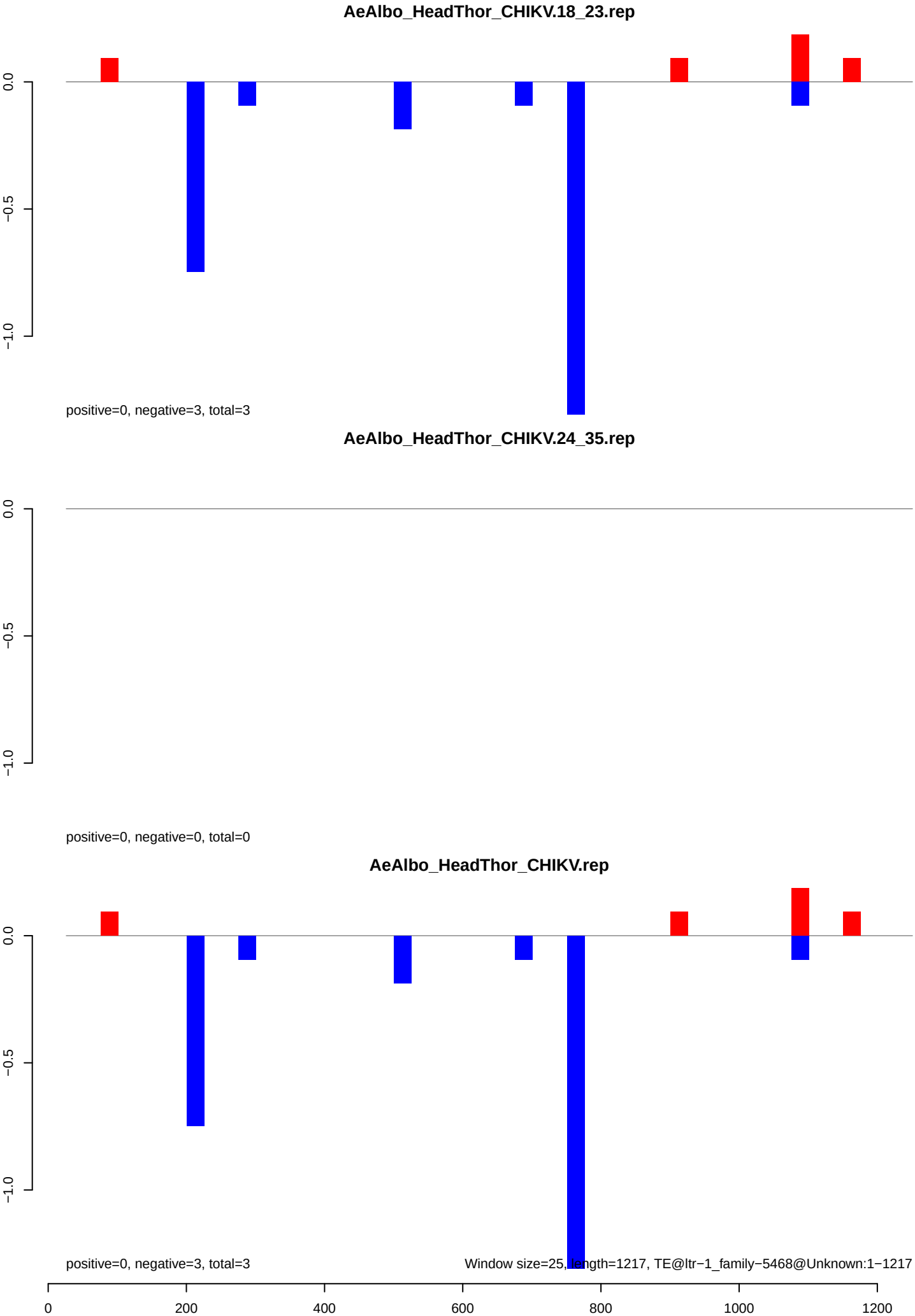

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=2278, TE@ltr−1_family−5646@LTR_Pao:1−2278
0
500
1000
1500
2000

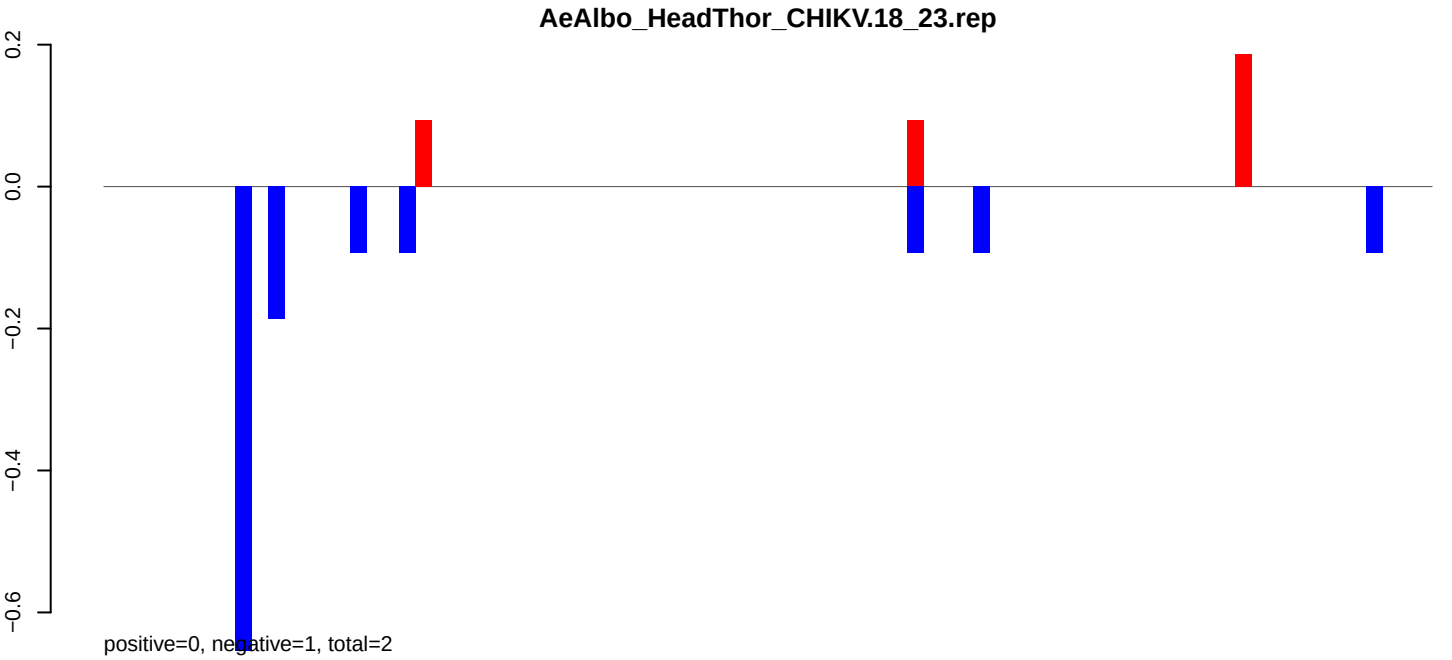

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=1559, TE@ltr−1_family−5641@Unknown:1−1559
0
500
1000
1500

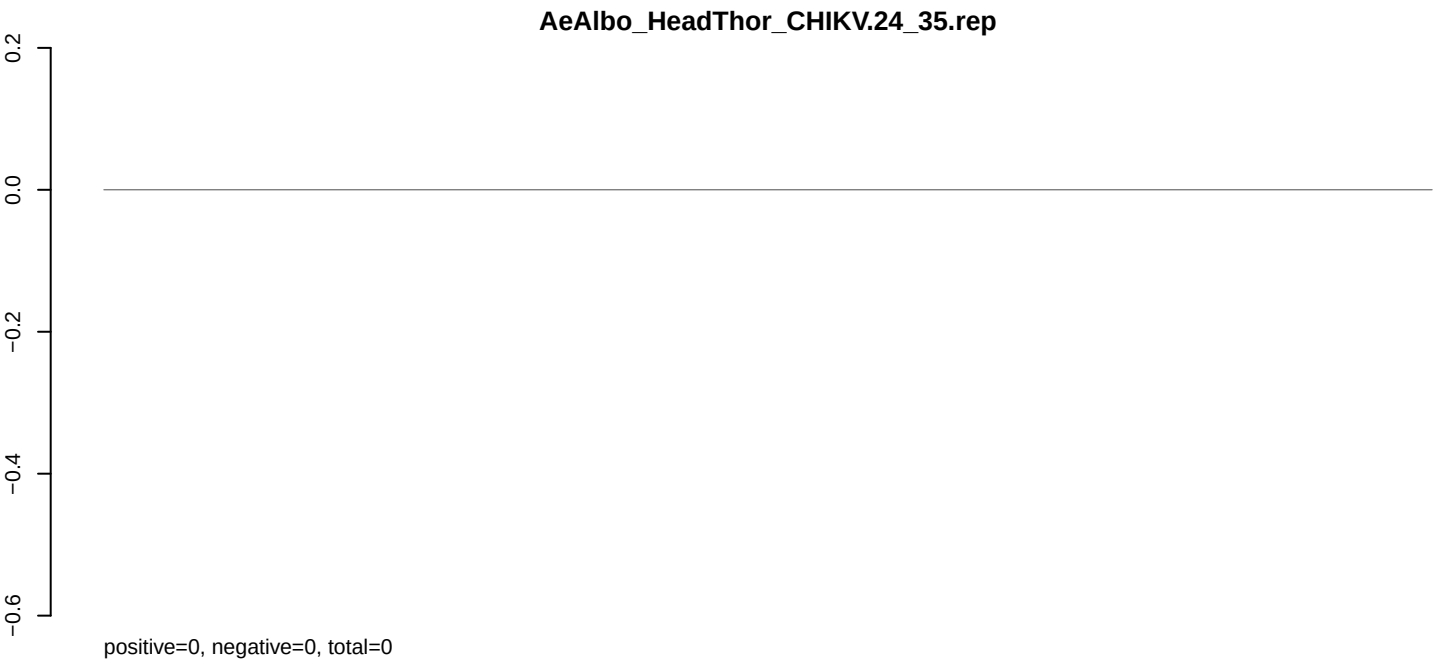

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=3, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=3, total=5
Window size=25, length=1604, TE@ltr−1_family−5521@LTR_Copia:1−1604
0
500
1000
1500

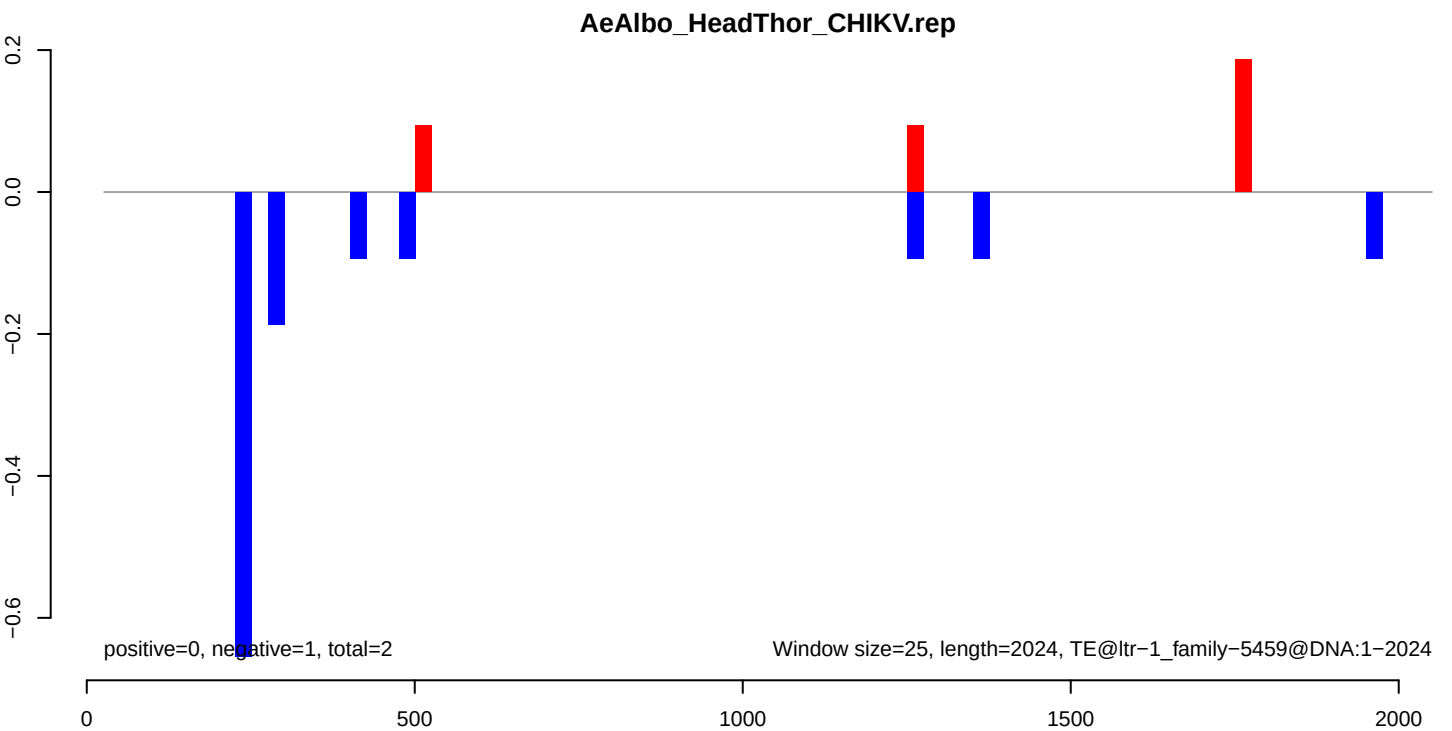

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
1.0
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
1.0
positive=2, negative=0, total=2
Window size=25, length=2446, TE@ltr−1_family−5511@LTR_Copia:1−2446
0
500
1000
1500
2000
2500

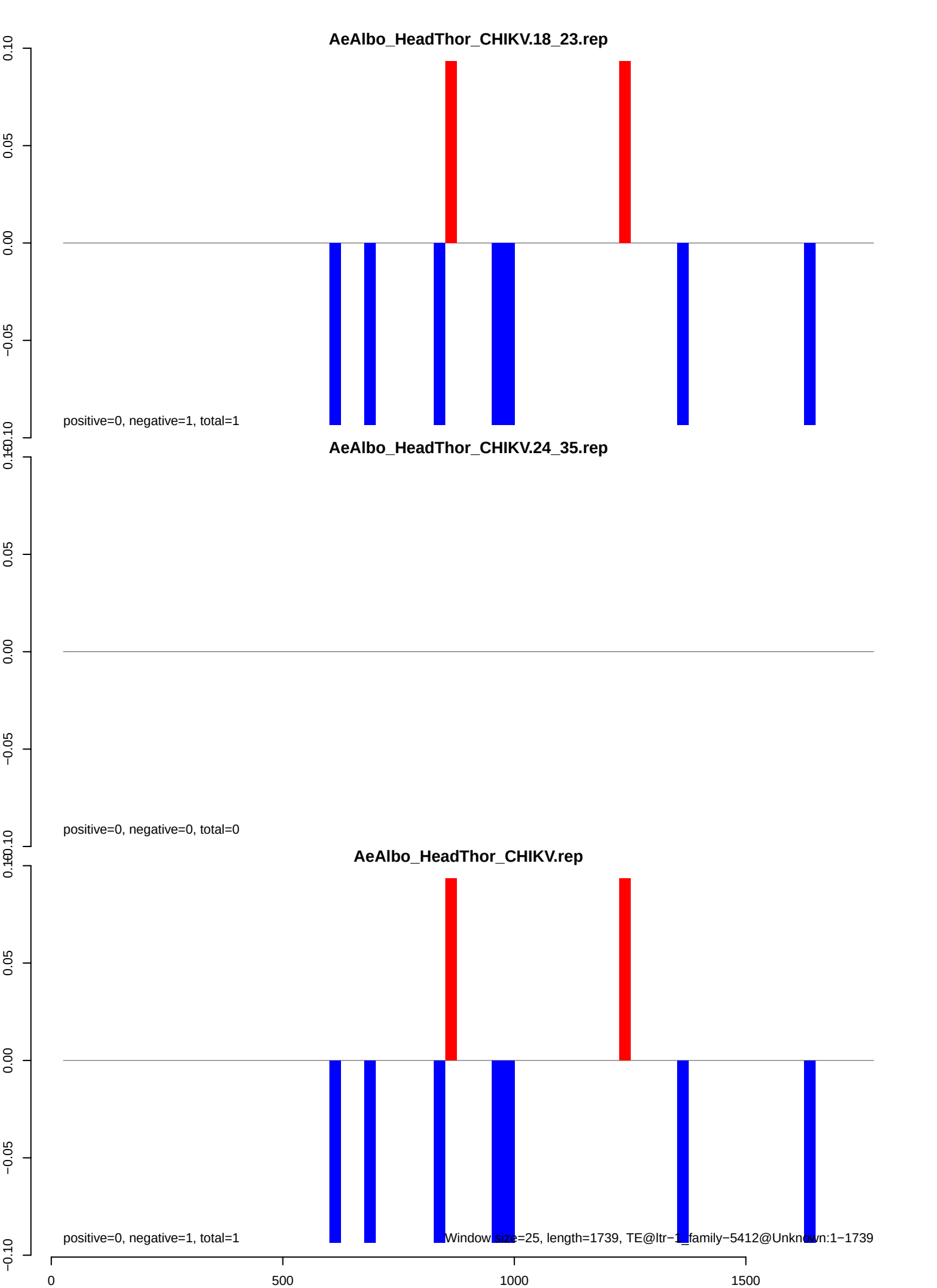

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=26, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=26, total=27
Window size=25, length=2979, TE@ltr−1_family−5482@LTR_Pao:1−2979
0
500
1000
1500
2000
2500
3000

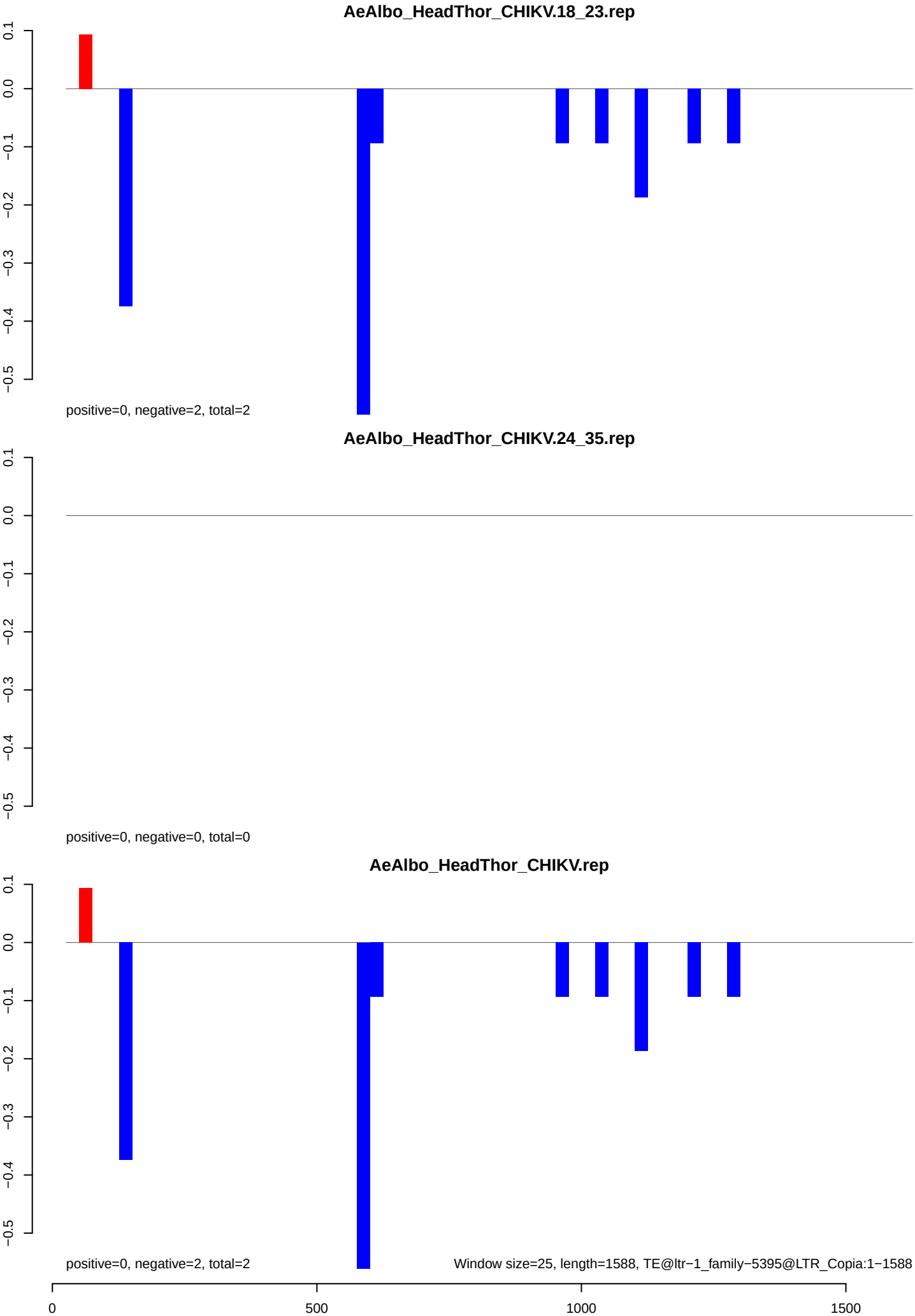

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=0, negative=3, total=3
Window size=25, length=1217, TE@ltr−1_family−5468@Unknown:1−1217
0
200
400
600
800
1000
1200

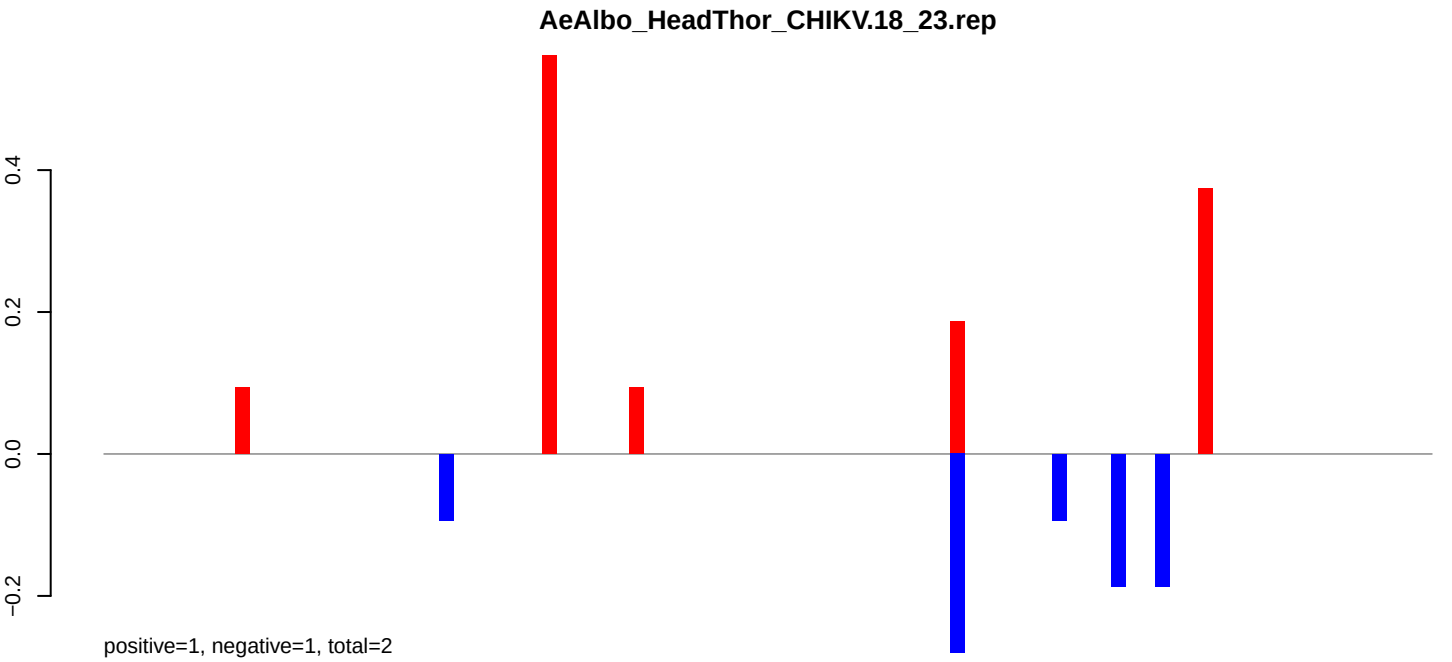

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=2

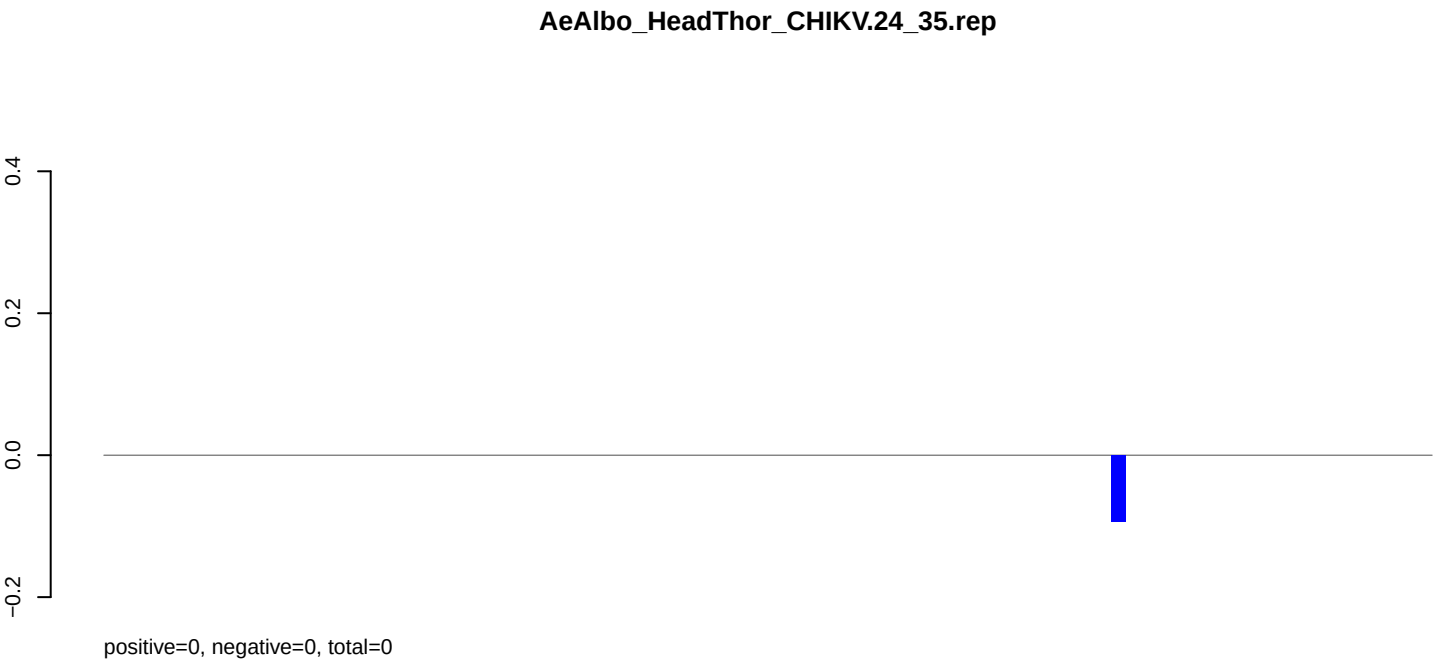

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

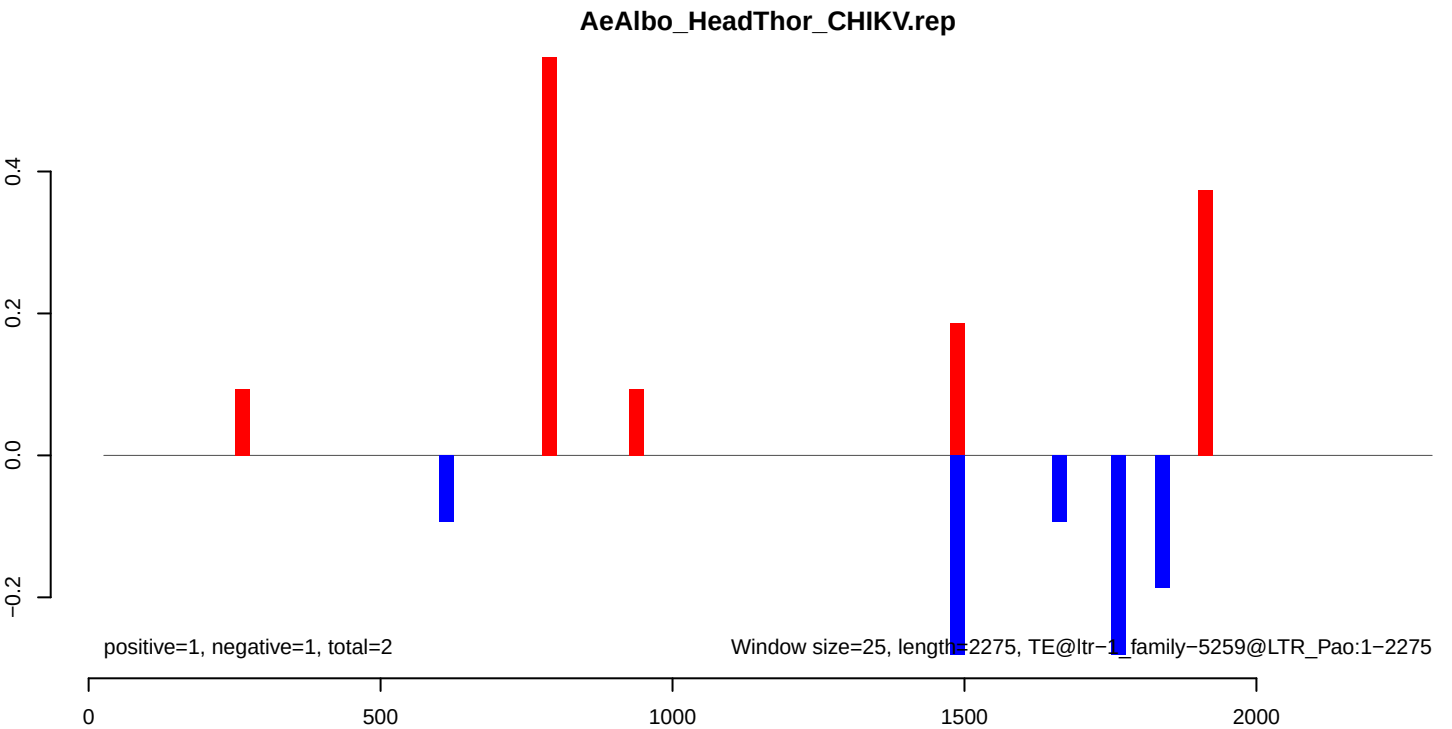

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=2
Window size=25, length=2024, TE@ltr−1_family−5459@DNA:1−2024
0
500
1000
1500
2000

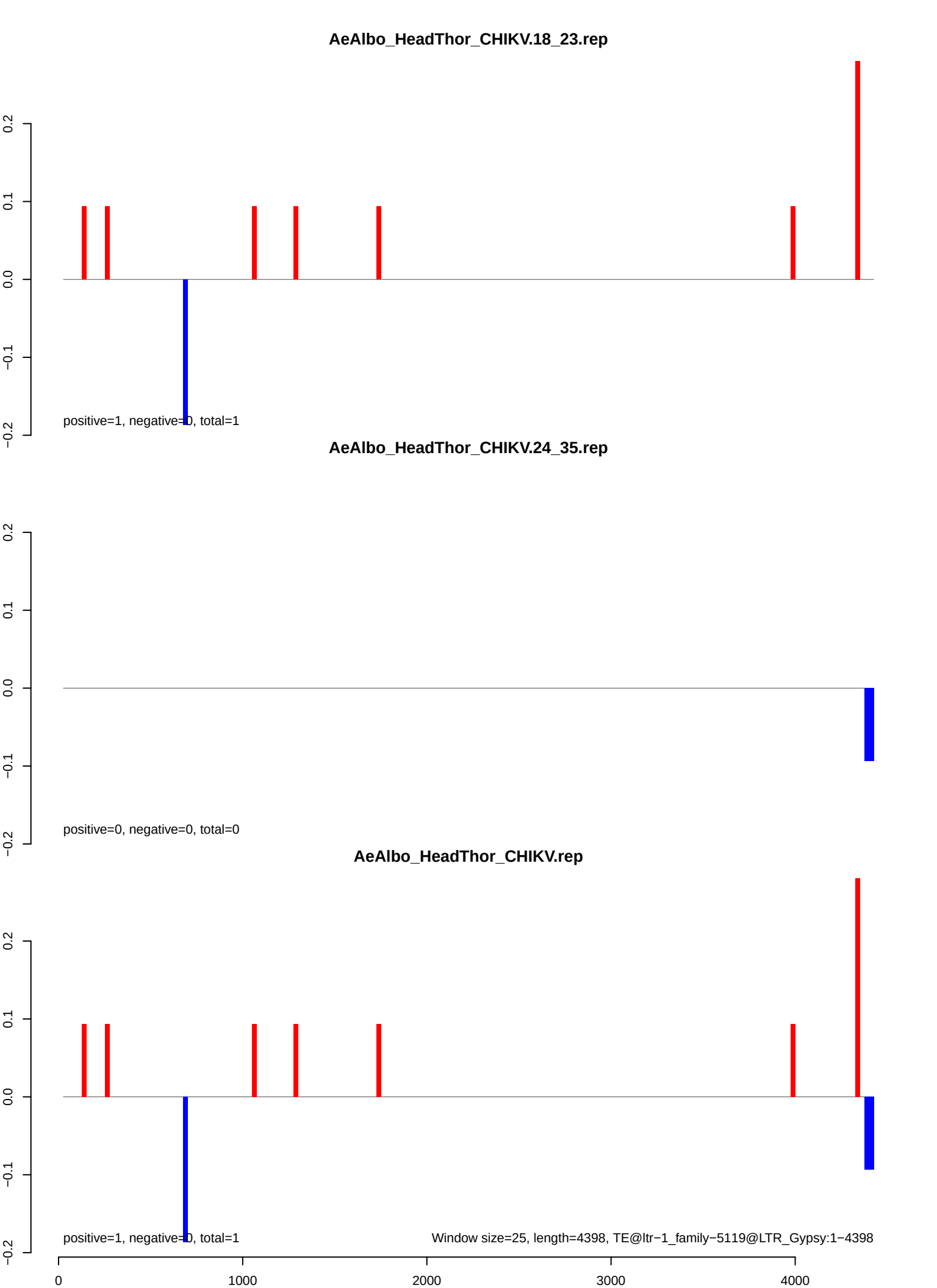

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=1739, TE@ltr−1_family−5412@Unknown:1−1739
0.10
0.05
0.00
−0.05
−0.10
0
500
1000
1500

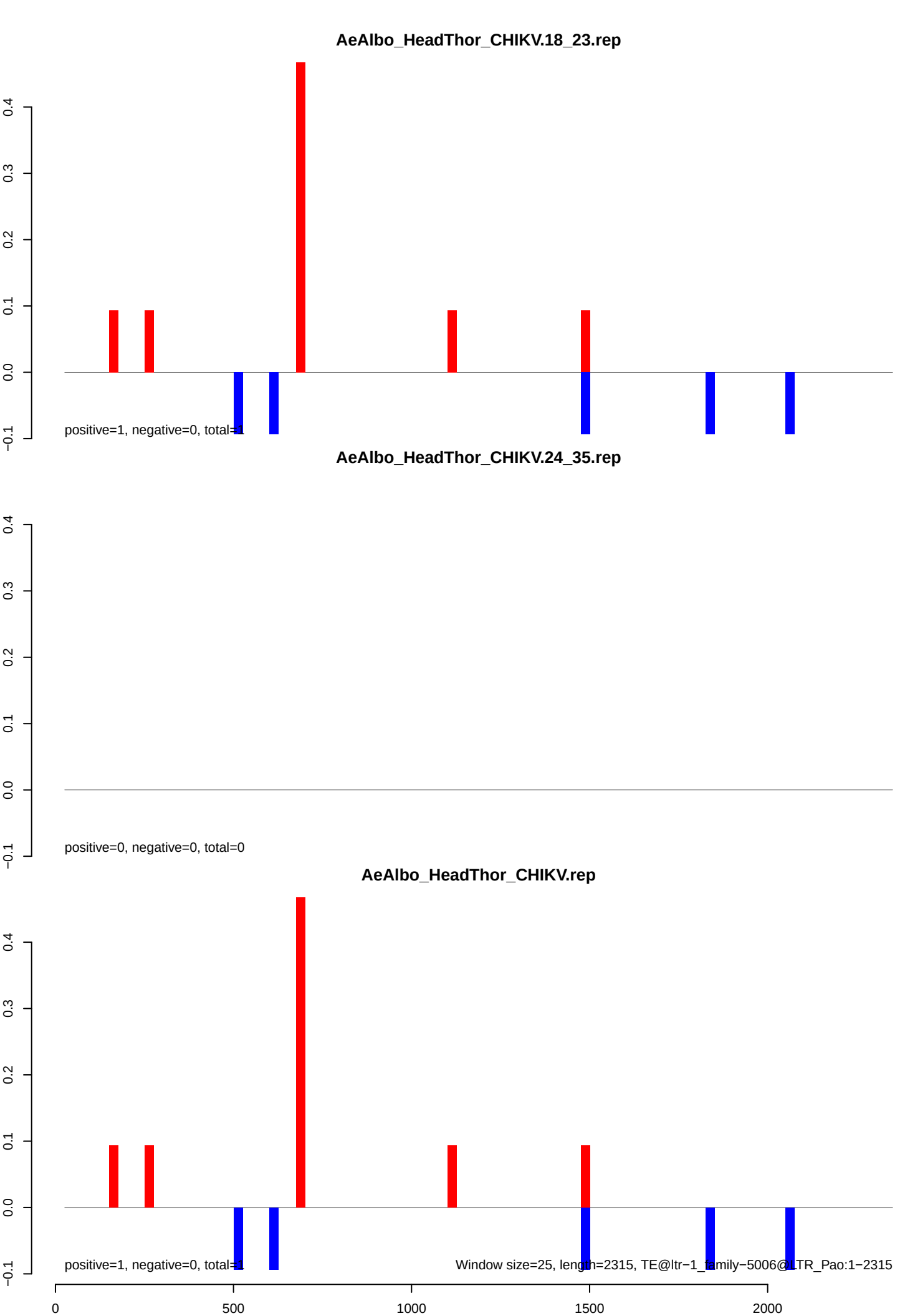

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=2, total=2
Window size=25, length=1588, TE@ltr−1_family−5395@LTR_Copia:1−1588
0
500
1000
1500

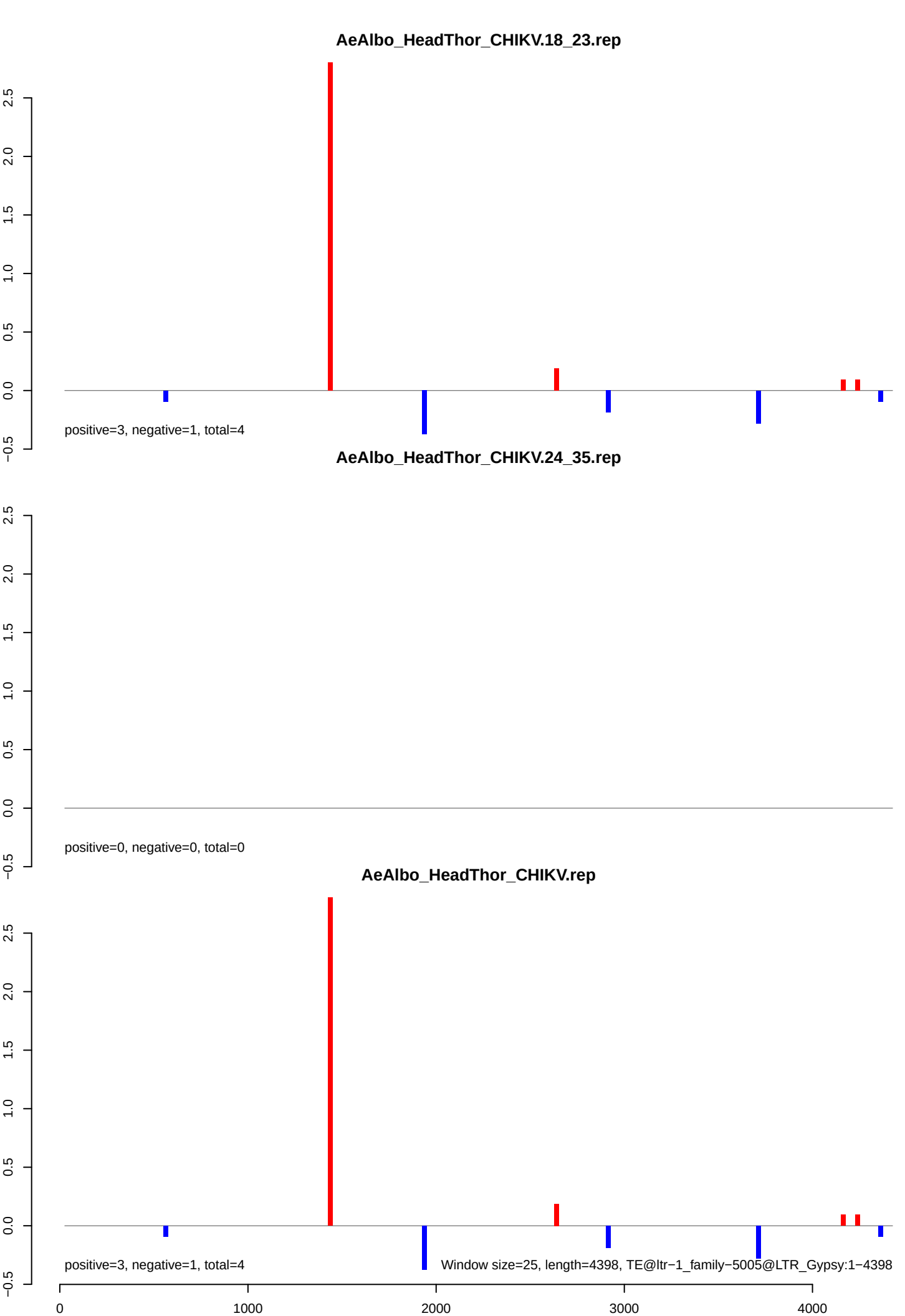

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2

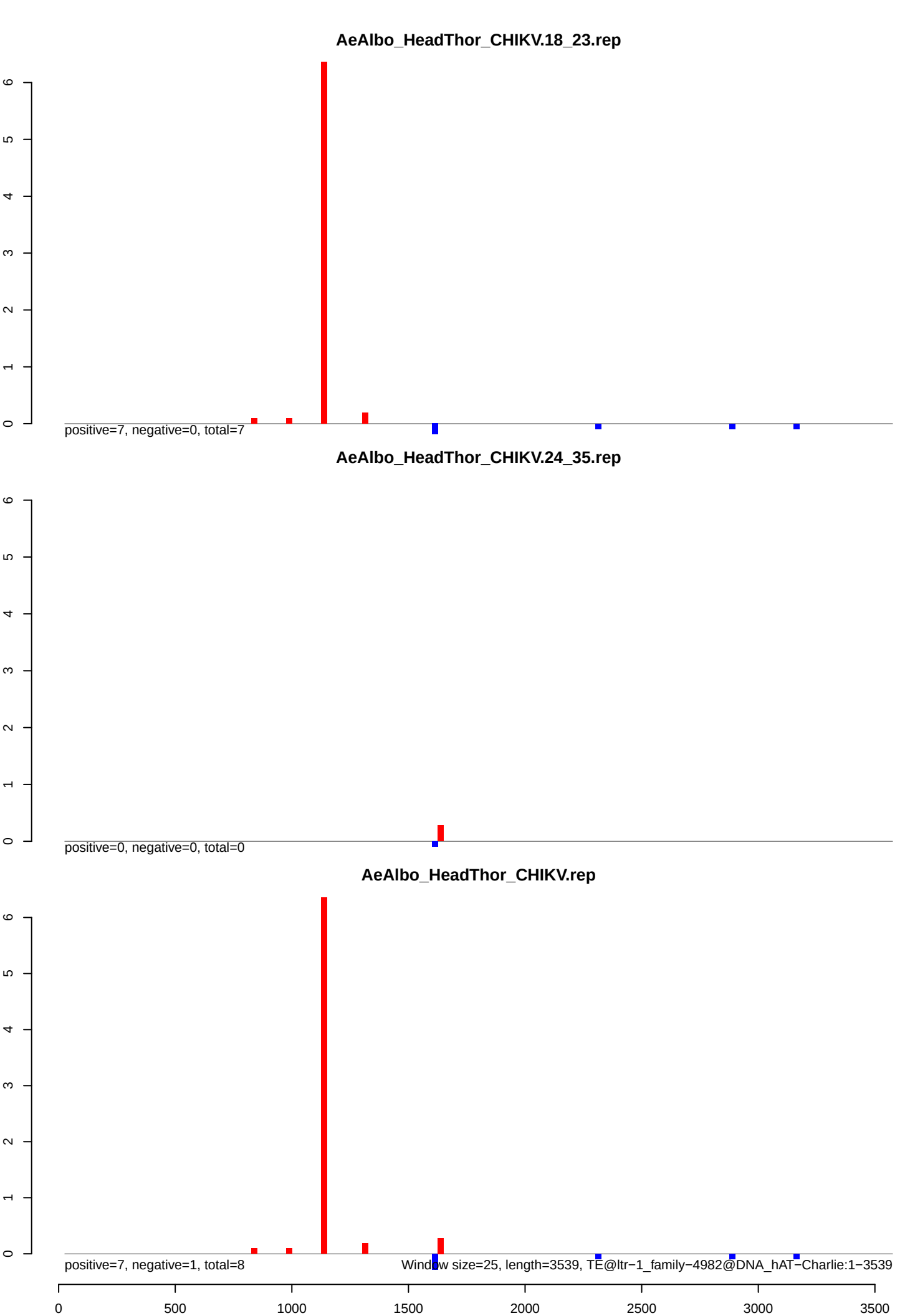

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

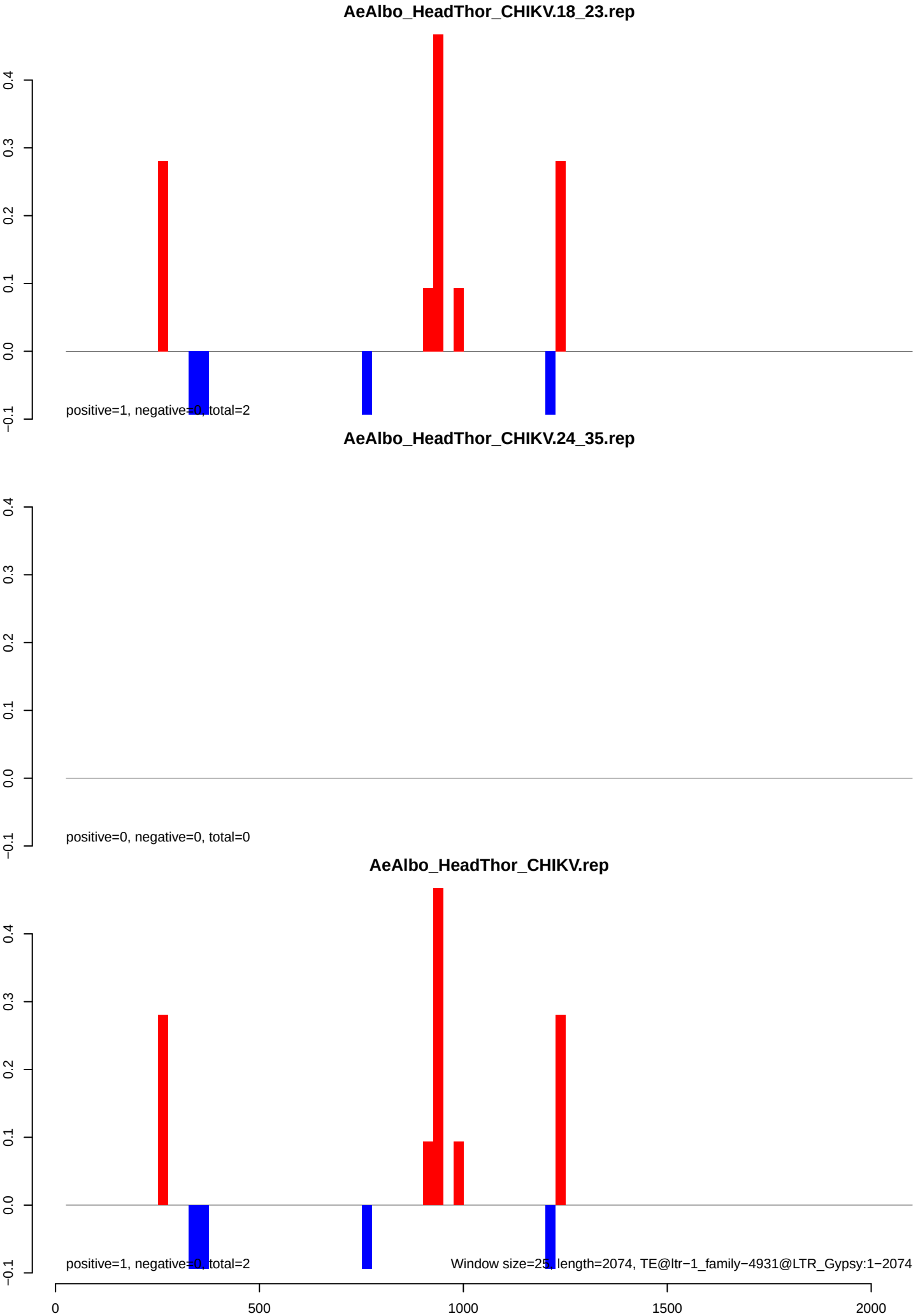

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
Window size=25, length=2275, TE@ltr−1_family−5259@LTR_Pao:1−2275
0
500
1000
1500
2000

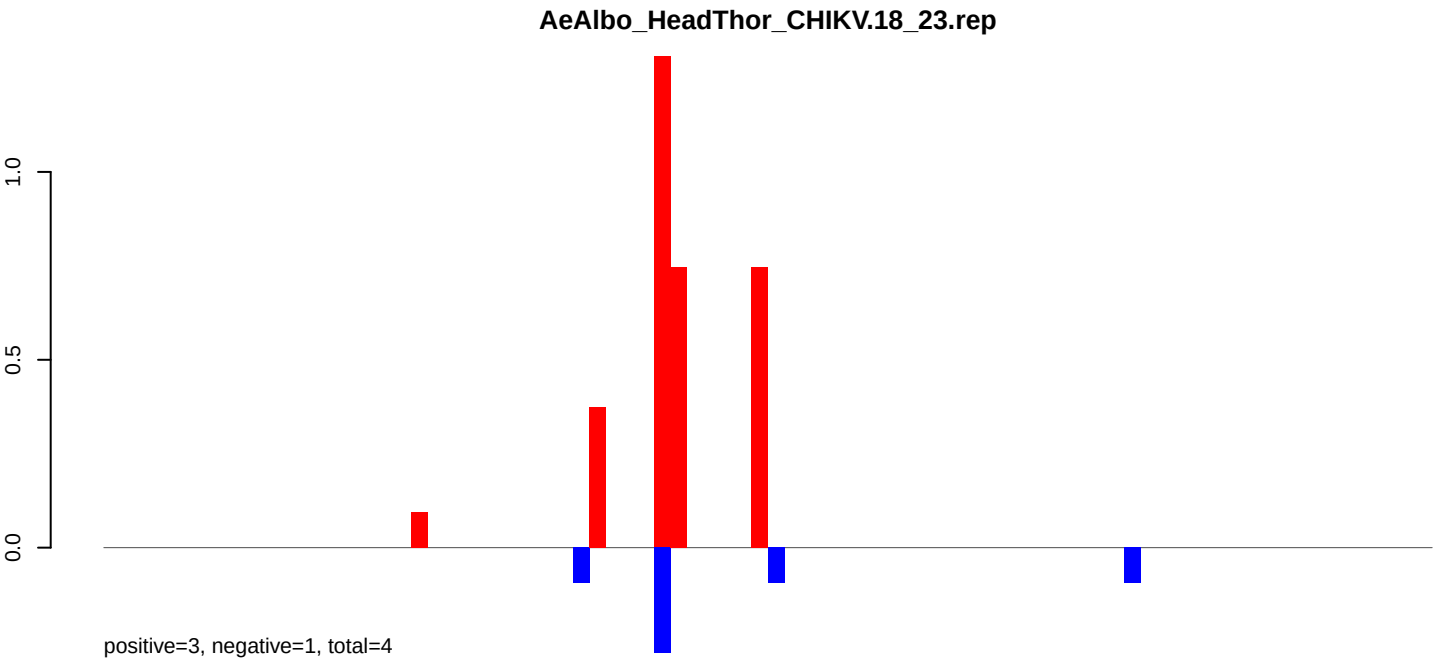

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=4398, TE@ltr−1_family−5119@LTR_Gypsy:1−4398
0
1000
2000
3000
4000

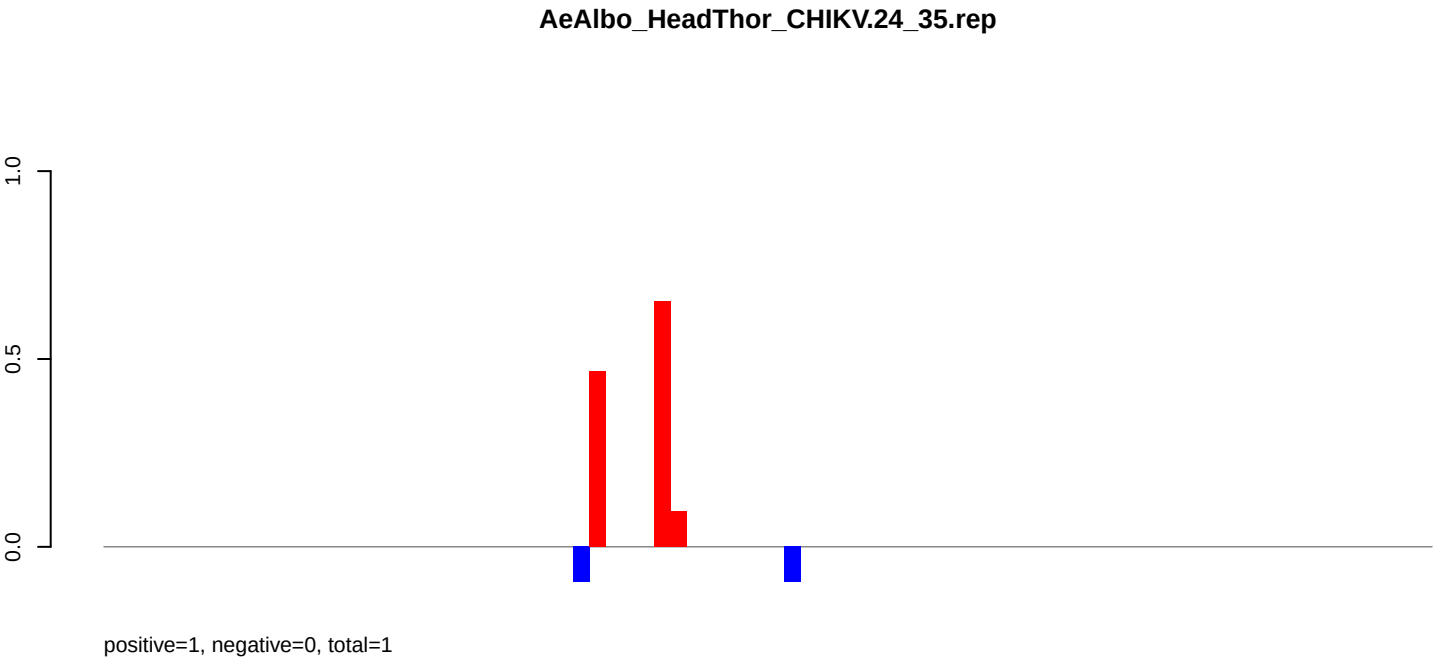

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=2315, TE@ltr−1_family−5006@LTR_Pao:1−2315
0
500
1000
1500
2000

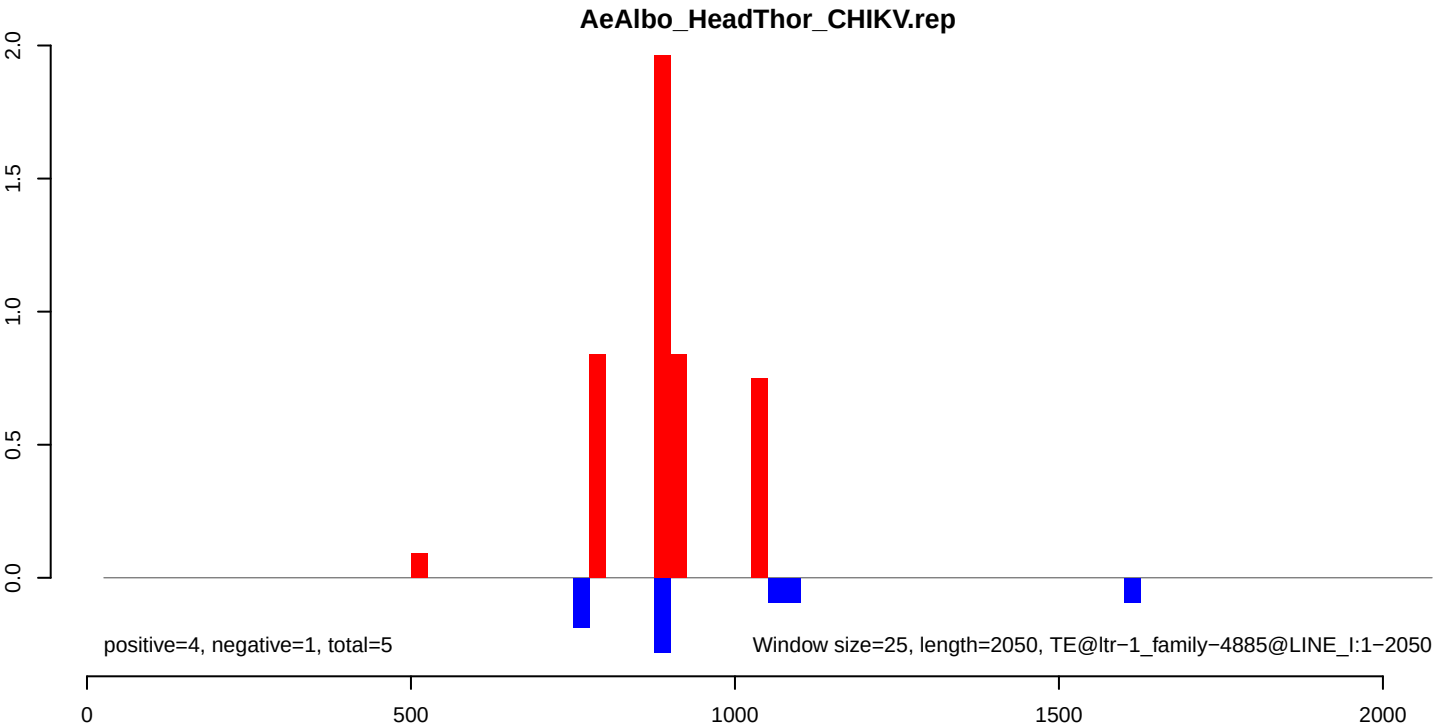

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=4398, TE@ltr−1_family−5005@LTR_Gypsy:1−4398
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
0
1000
2000
3000
4000

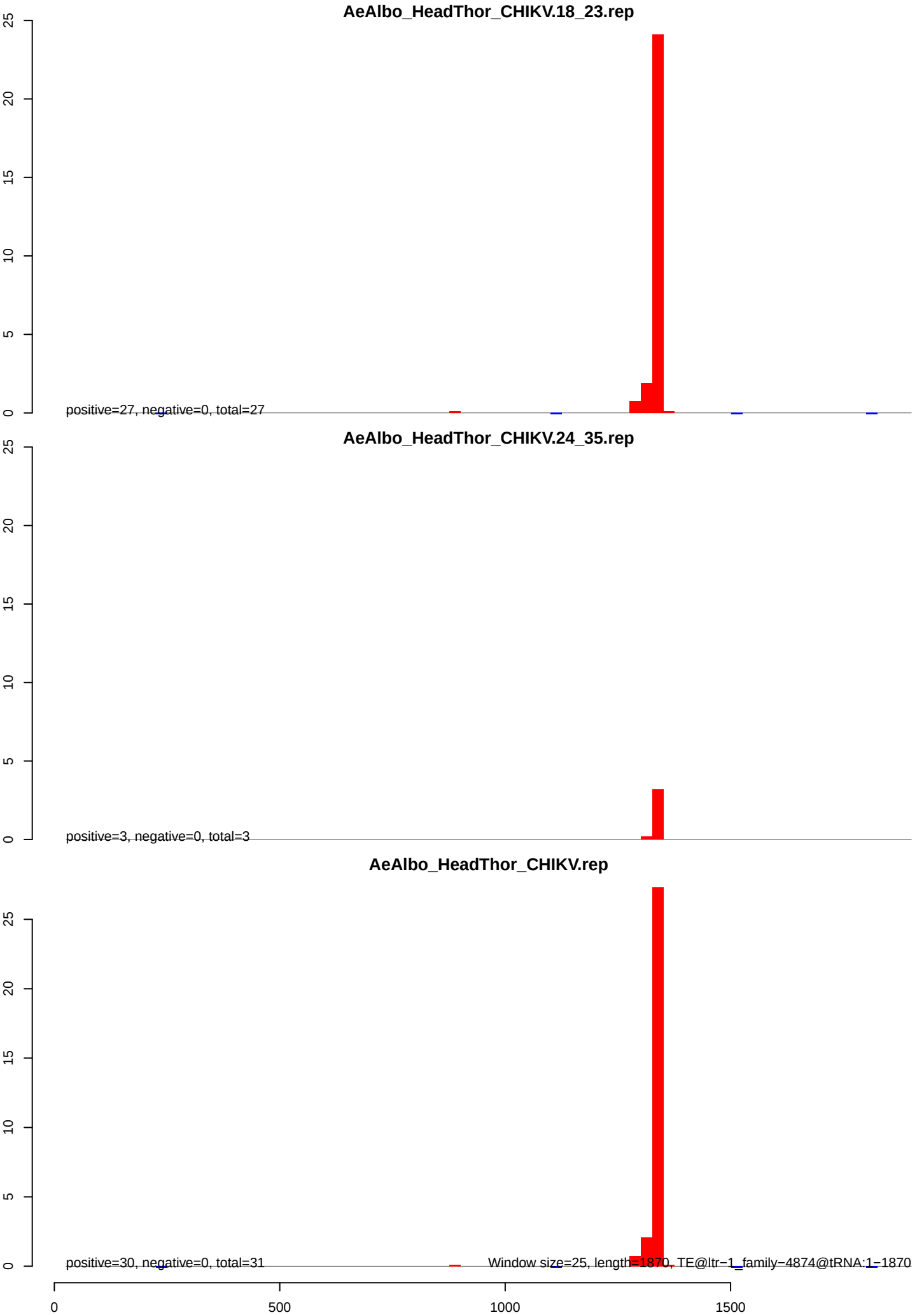

AeAlbo_HeadThor_CHIKV.18_23.rep
0 1 2 3 4 5 6
positive=7, negative=0, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0 1 2 3 4 5 6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0 1 2 3 4 5 6
positive=7, negative=1, total=8
Window size=25, length=3539, TE@ltr−1_family−4982@DNA_hAT−Charlie:1−3539
0 500 1000 1500 2000 2500 3000 3500

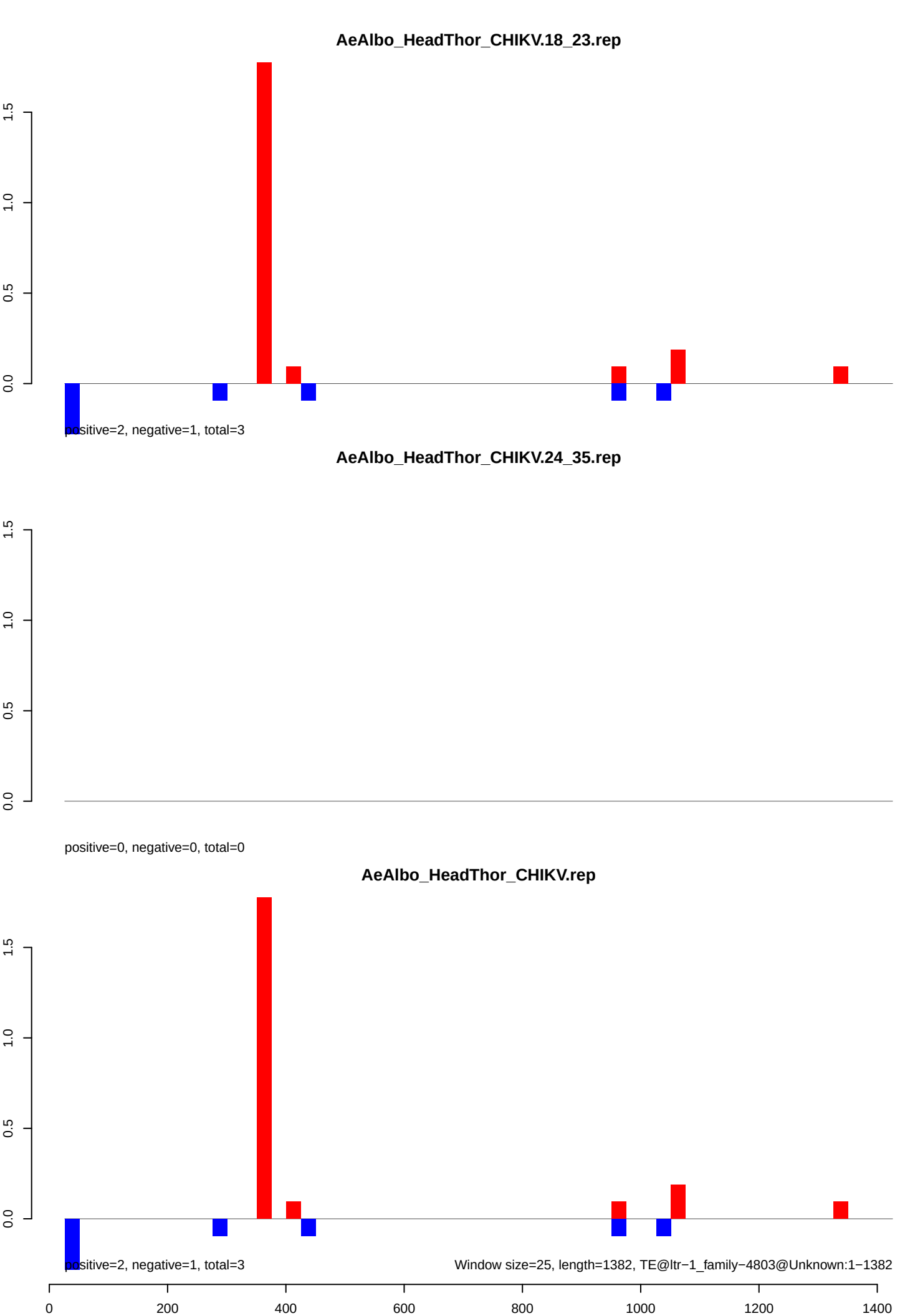

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=2
Window size=25, length=2074, TE@ltr−1_family−4931@LTR_Gypsy:1−2074
0.4
0.3
0.2
0.1
0.0
−0.1
0
500
1000
1500
2000

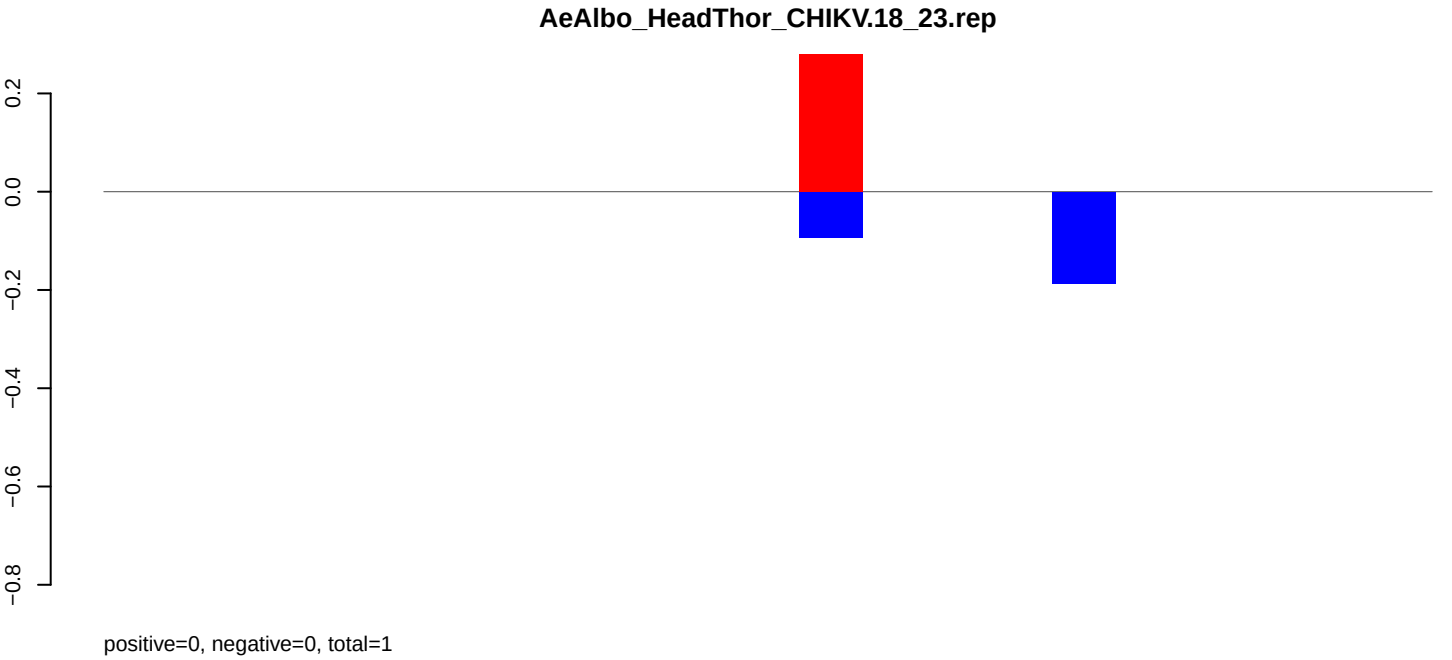

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=1, total=4

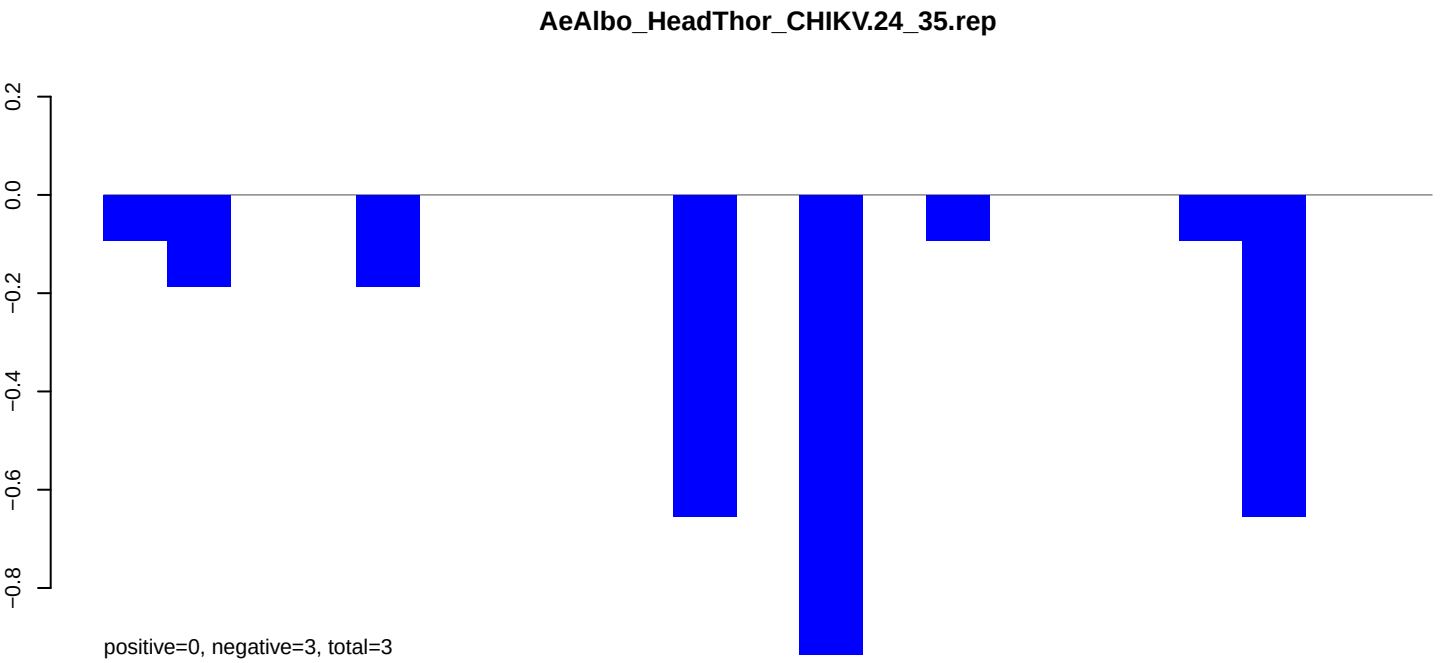

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=1, negative=0, total=1

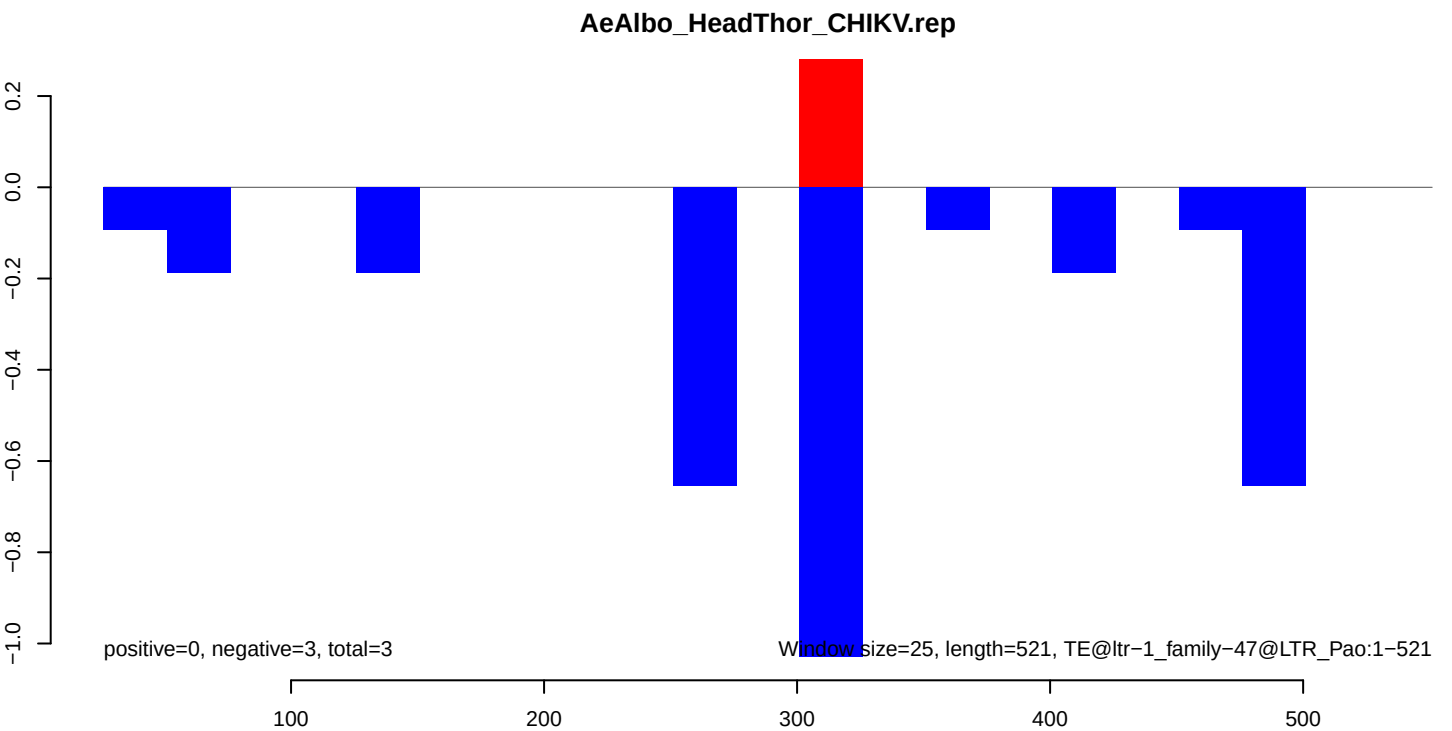

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=4, negative=1, total=5
Window size=25, length=2050, TE@ltr−1_family−4885@LINE_I:1−2050
0
500
1000
1500
2000

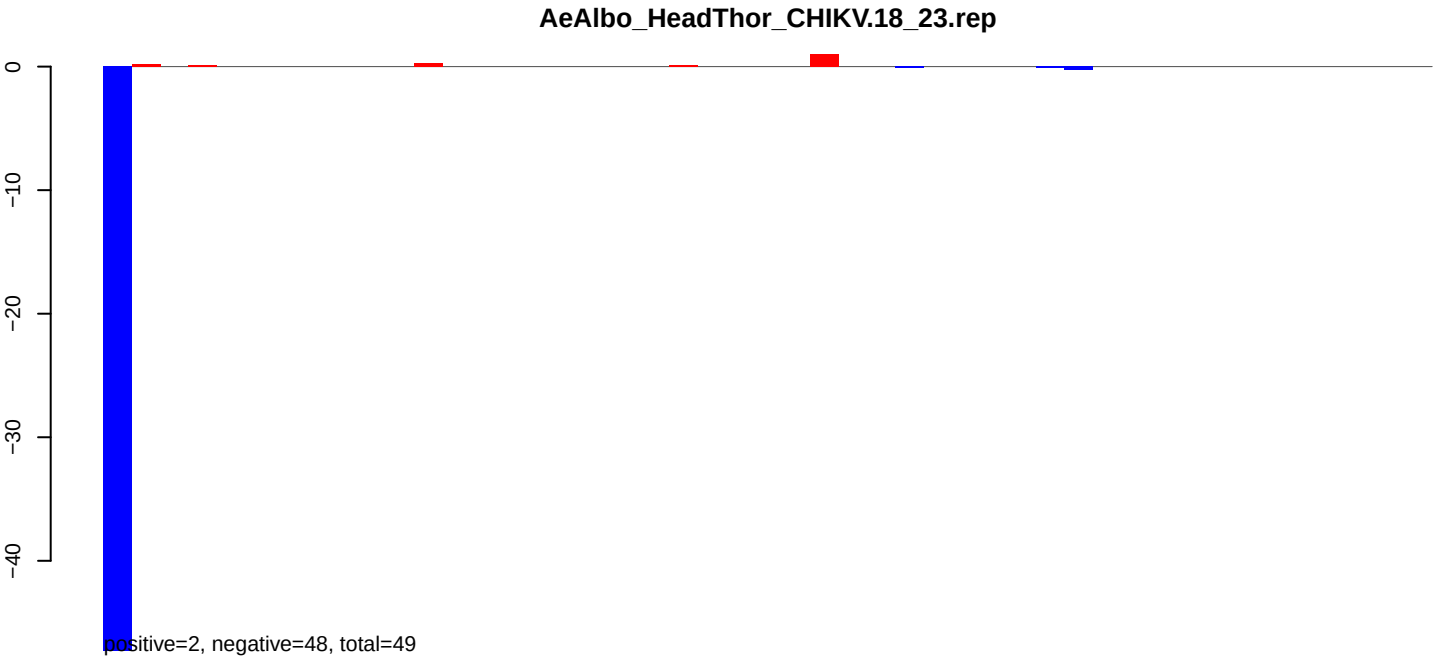

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=27, negative=0, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.rep
positive=30, negative=0, total=31
Window size=25, length=1870, TE@ltr−1_family−4874@tRNA:1−1870
0
5
10
15
20
25
0
500
1000
1500


AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3
Window size=25, length=1382, TE@ltr−1_family−4803@Unknown:1−1382
0
200
400
600
800
1000
1200
1400

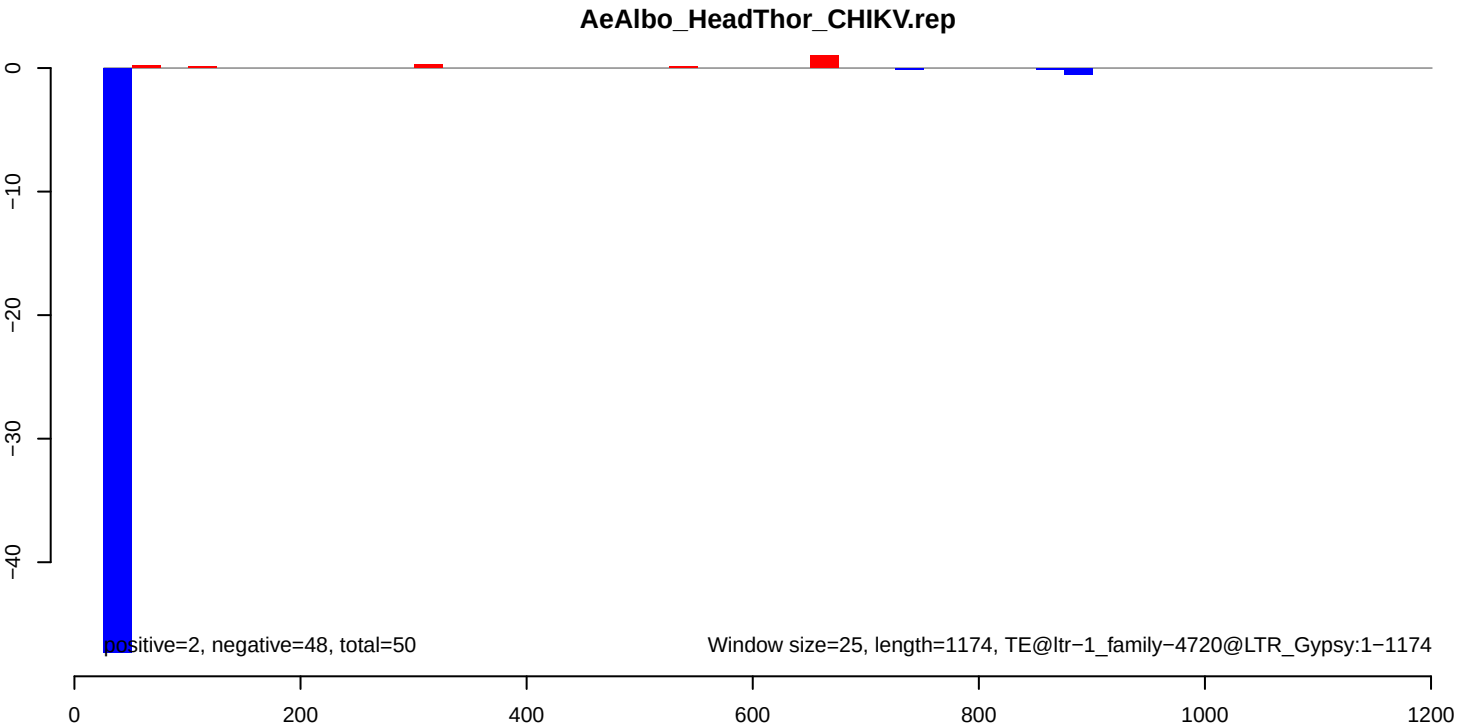

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=1

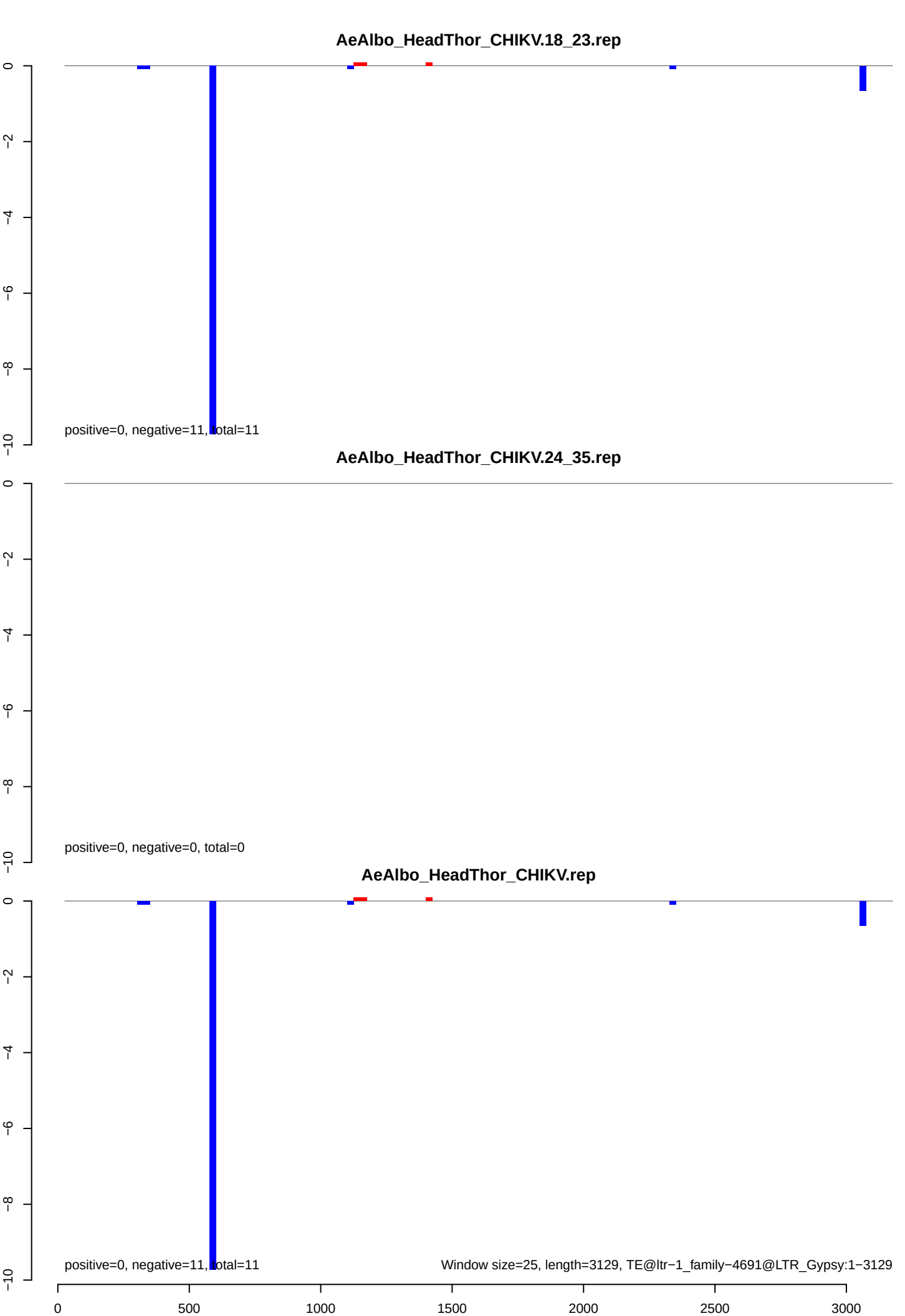

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=3, total=3

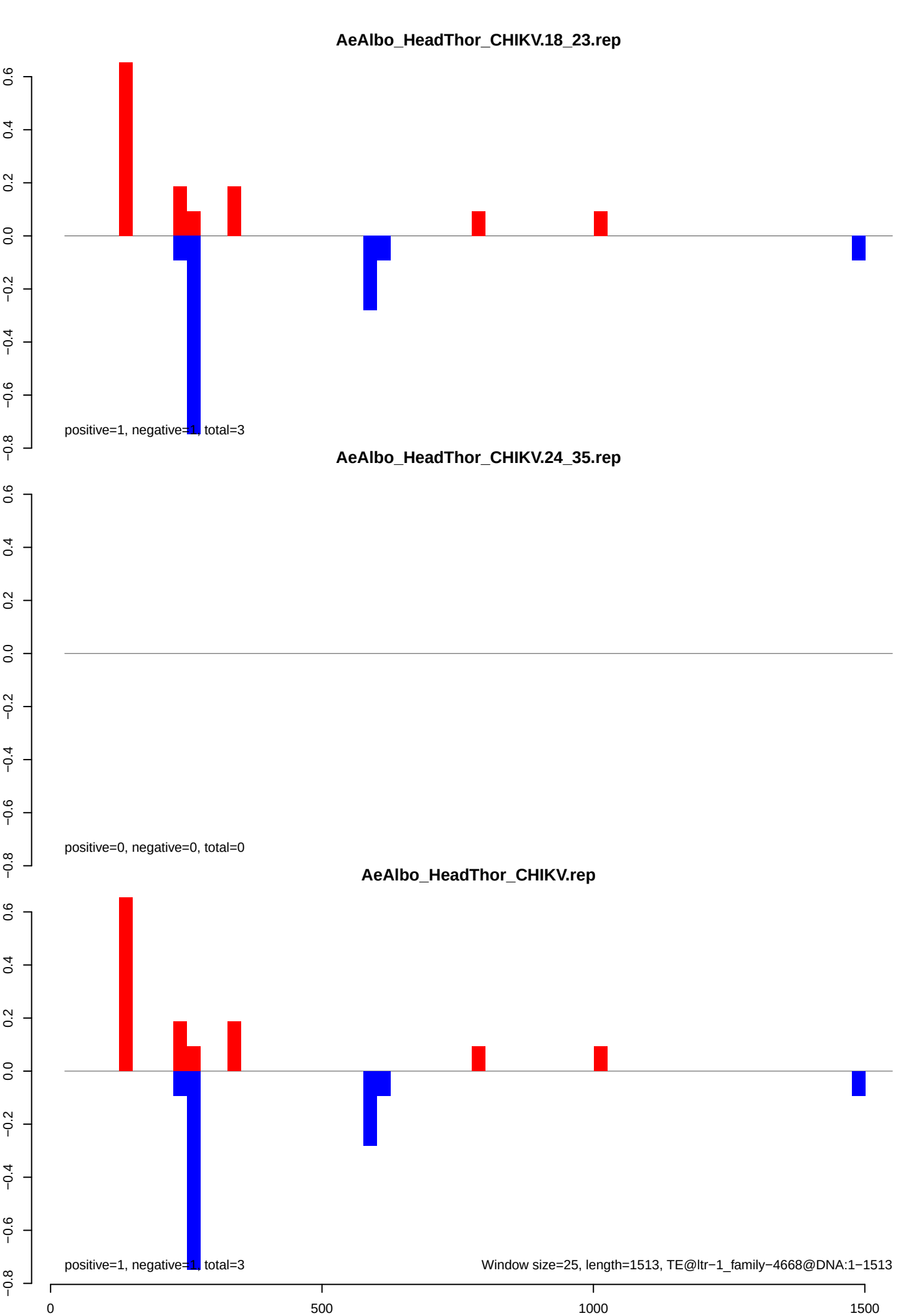

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=3, total=3
Window size=25, length=521, TE@ltr−1_family−47@LTR_Pao:1−521
100
200
300
400
500

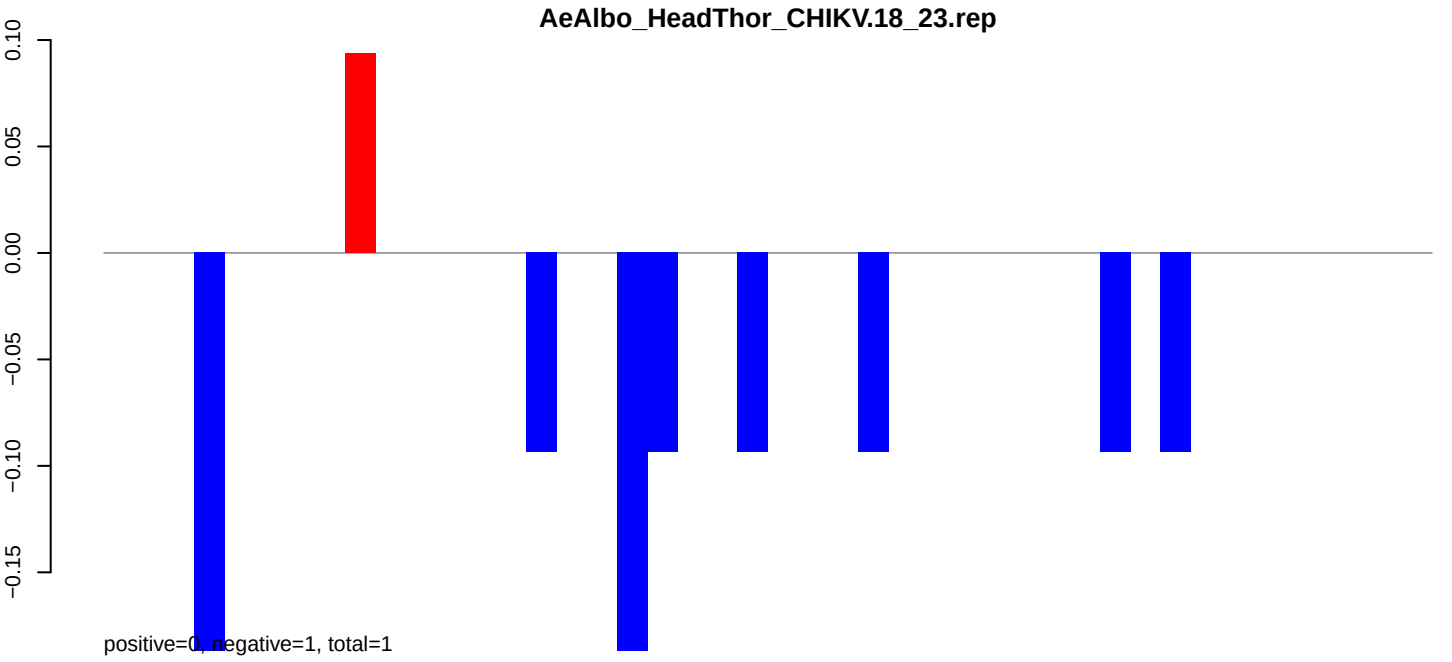

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=2, negative=48, total=49

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0

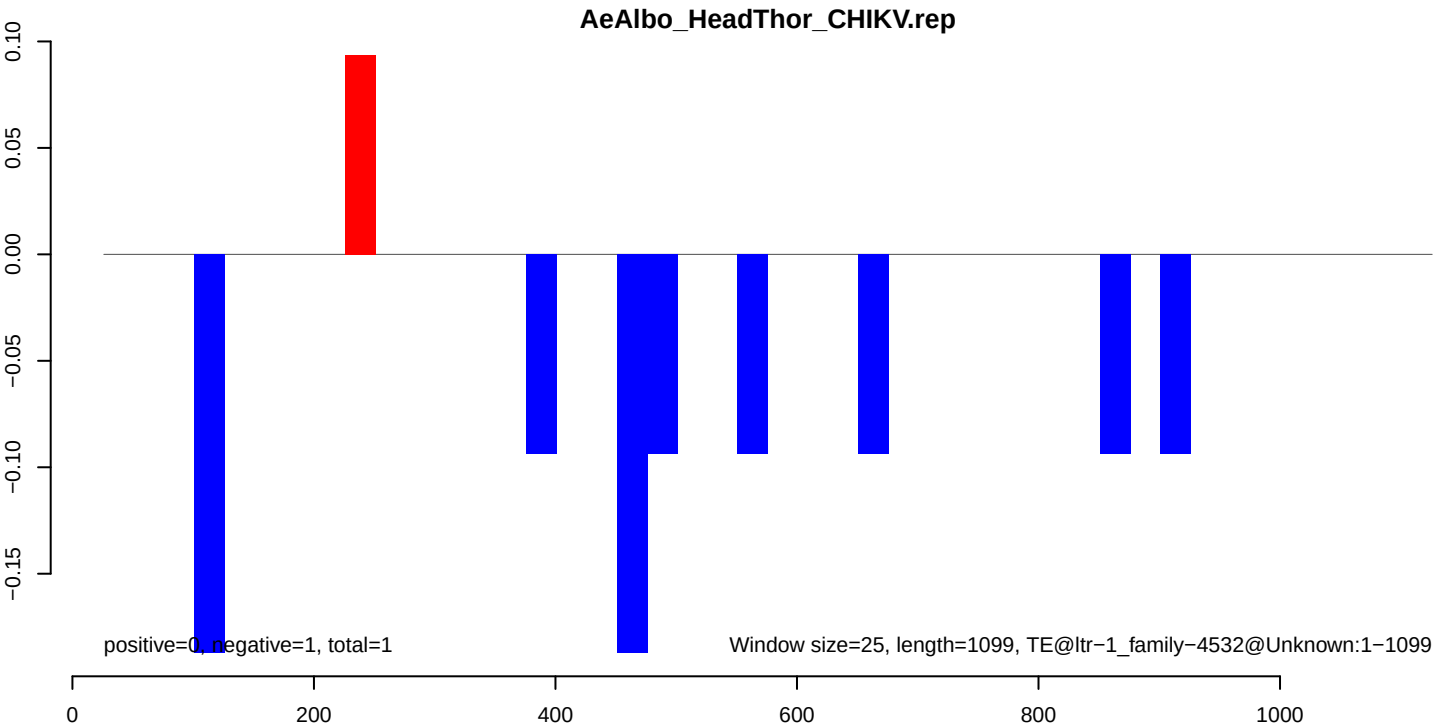

AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=2, negative=48, total=50
Window size=25, length=1174, TE@ltr−1_family−4720@LTR_Gypsy:1−1174
0
200
400
600
800
1000
1200

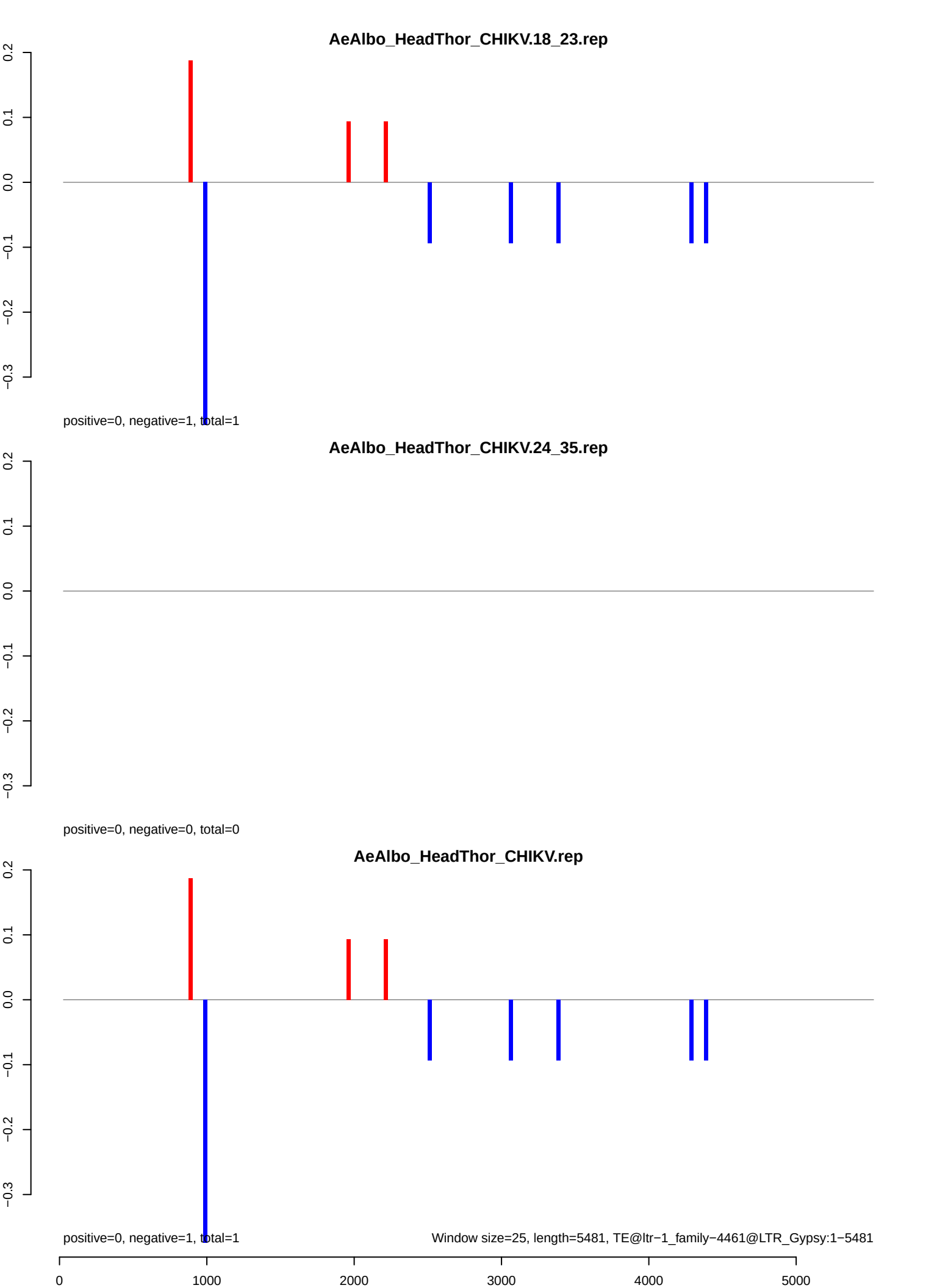

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
positive=0, negative=11, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
positive=0, negative=11, total=11
Window size=25, length=3129, TE@ltr−1_family−4691@LTR_Gypsy:1−3129
0
500
1000
1500
2000
2500
3000

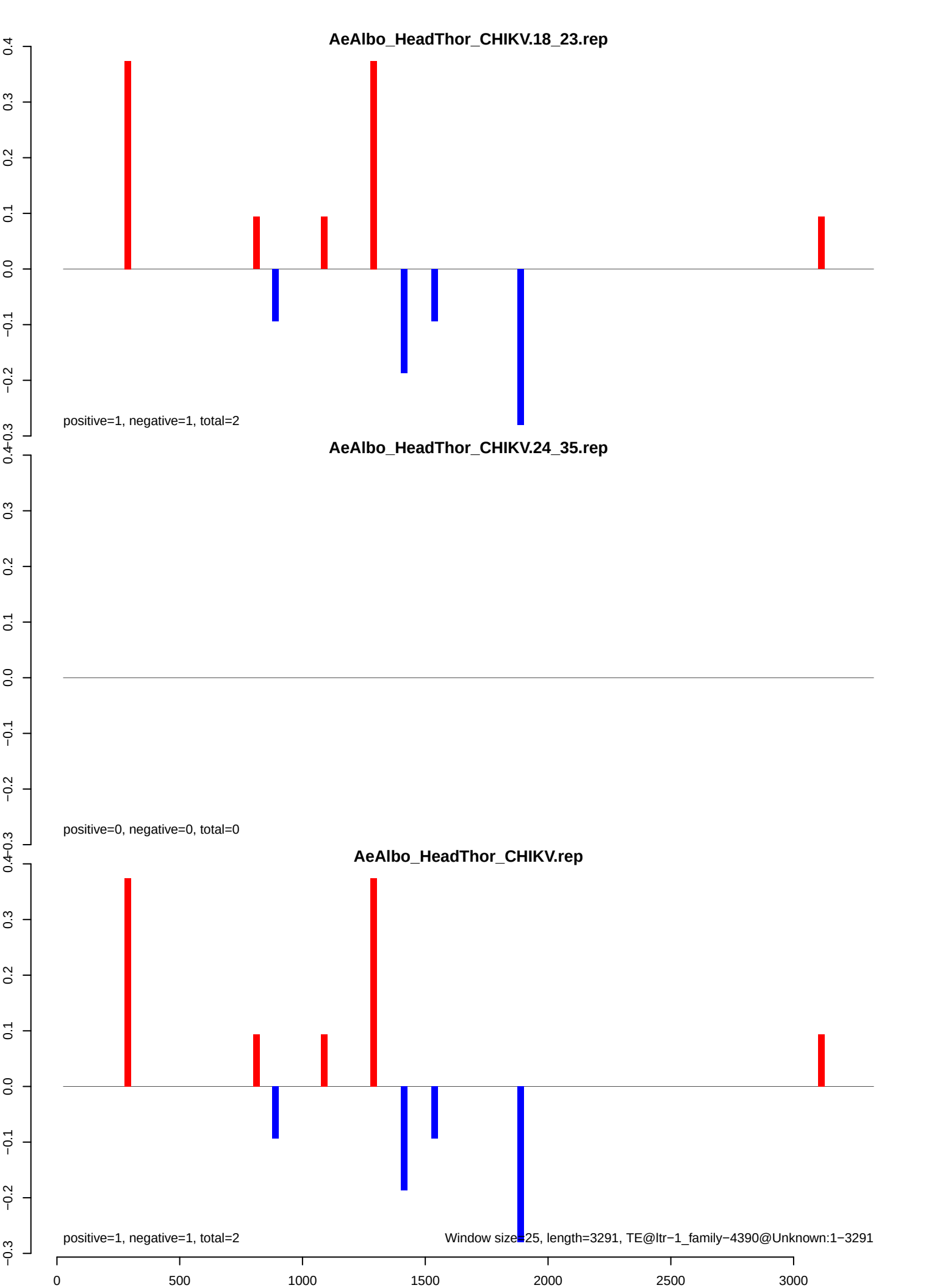

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=3
Window size=25, length=1513, TE@ltr−1_family−4668@DNA:1−1513
0
500
1000
1500

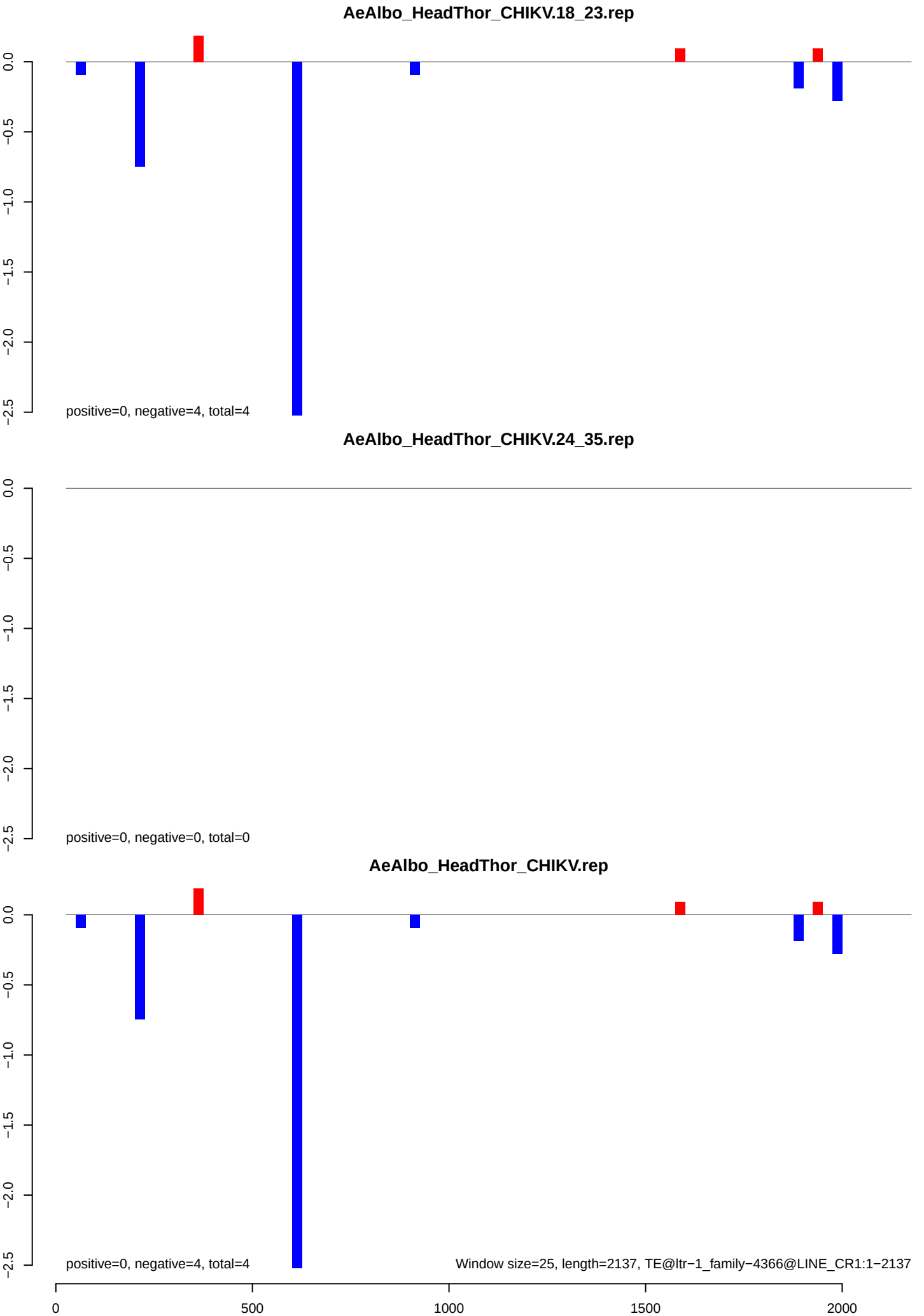

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1

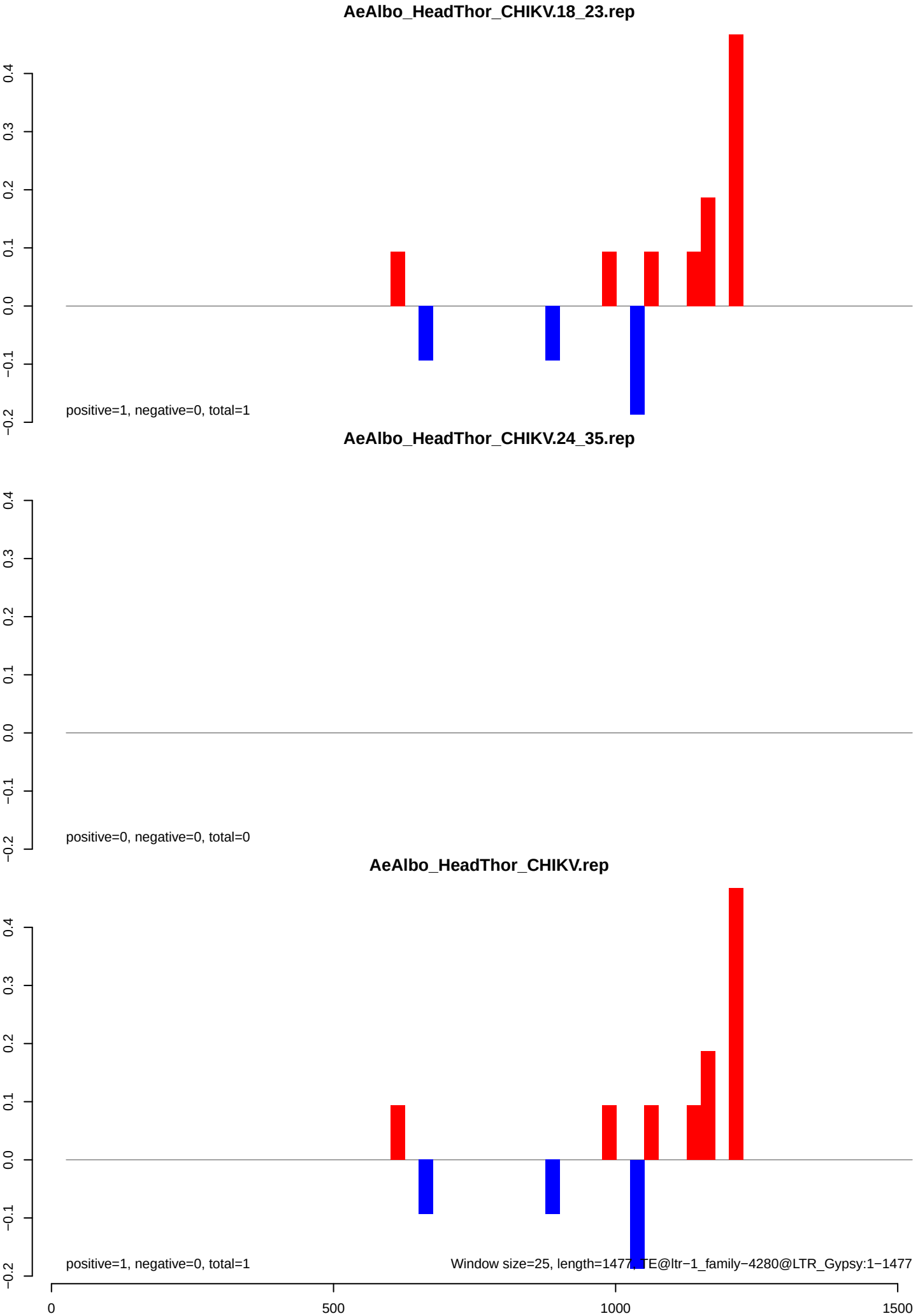
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

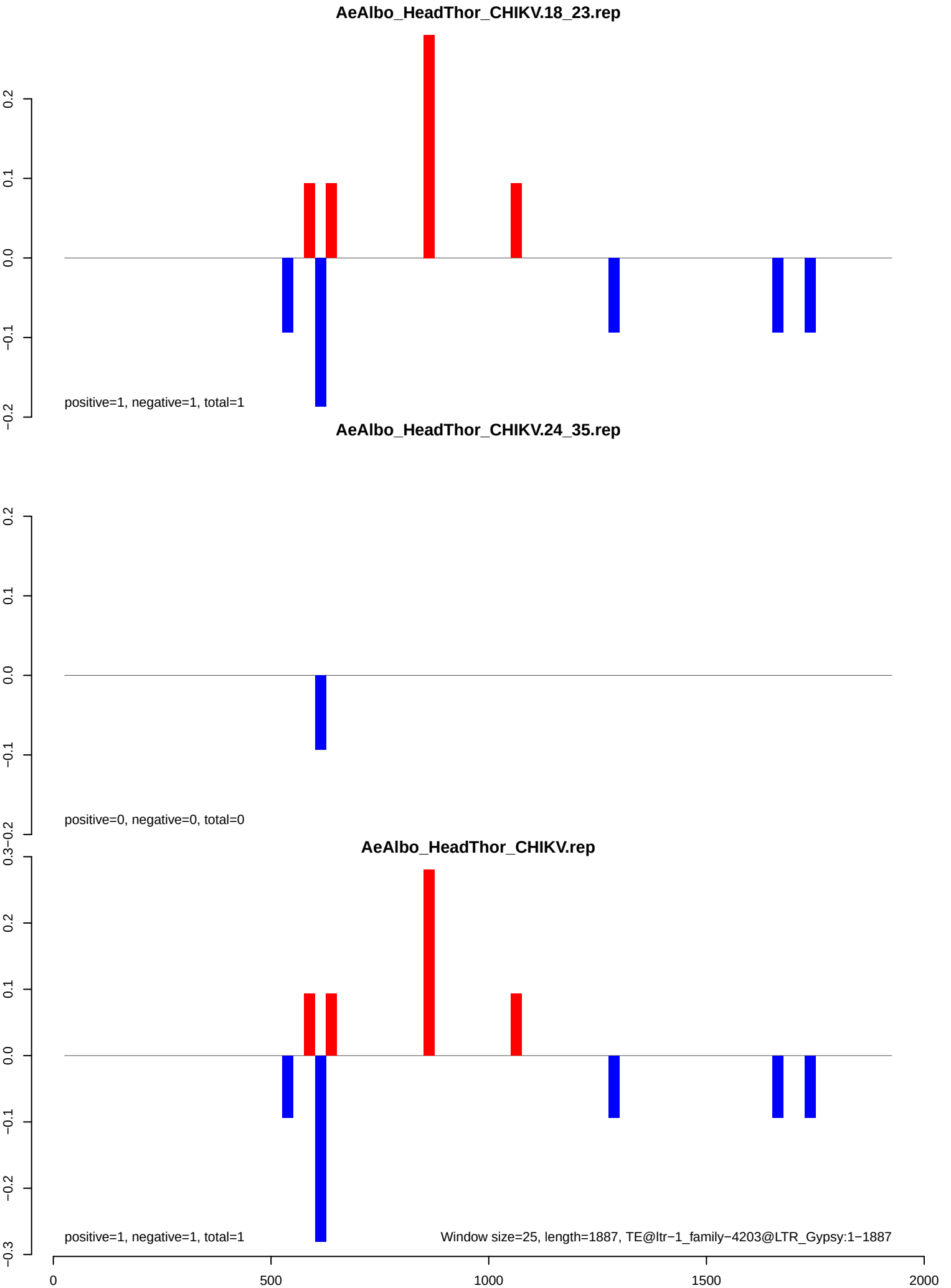

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=1099, TE@ltr−1_family−4532@Unknown:1−1099
0
200
400
600
800
1000

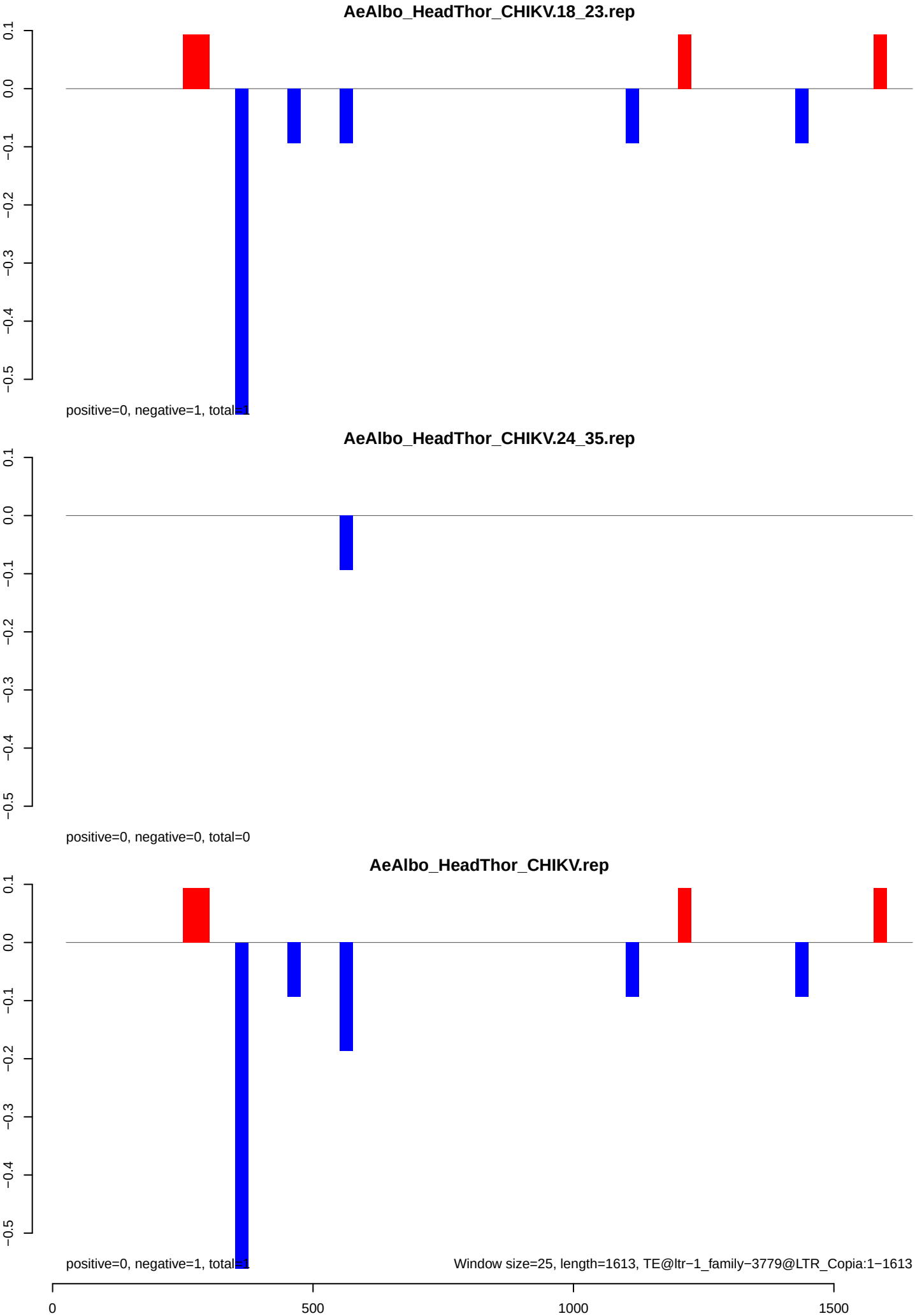

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=5481, TE@ltr−1_family−4461@LTR_Gypsy:1−5481
0
1000
2000
3000
4000
5000

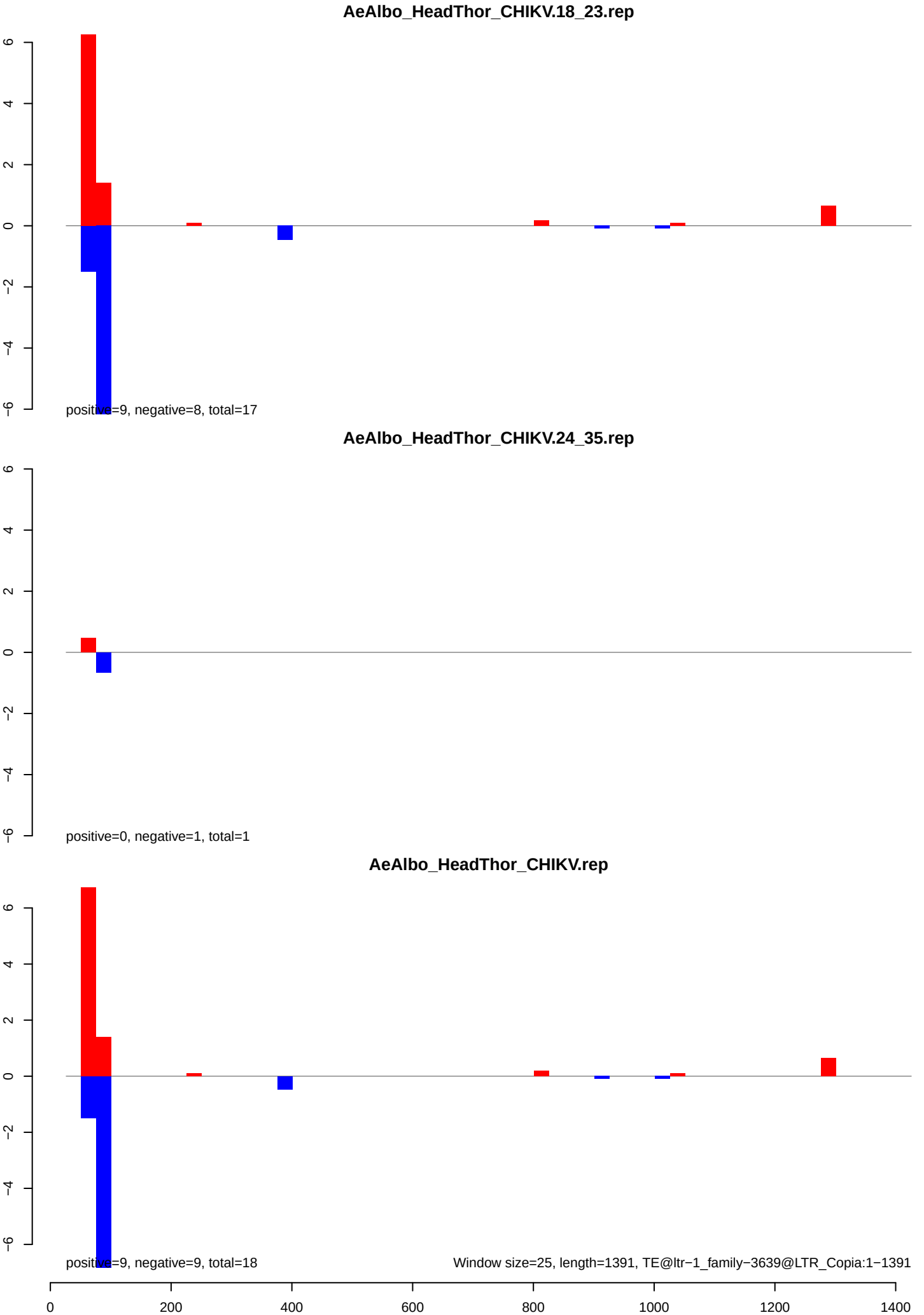

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=3291, TE@ltr−1_family−4390@Unknown:1−3291
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500
2000
2500
3000

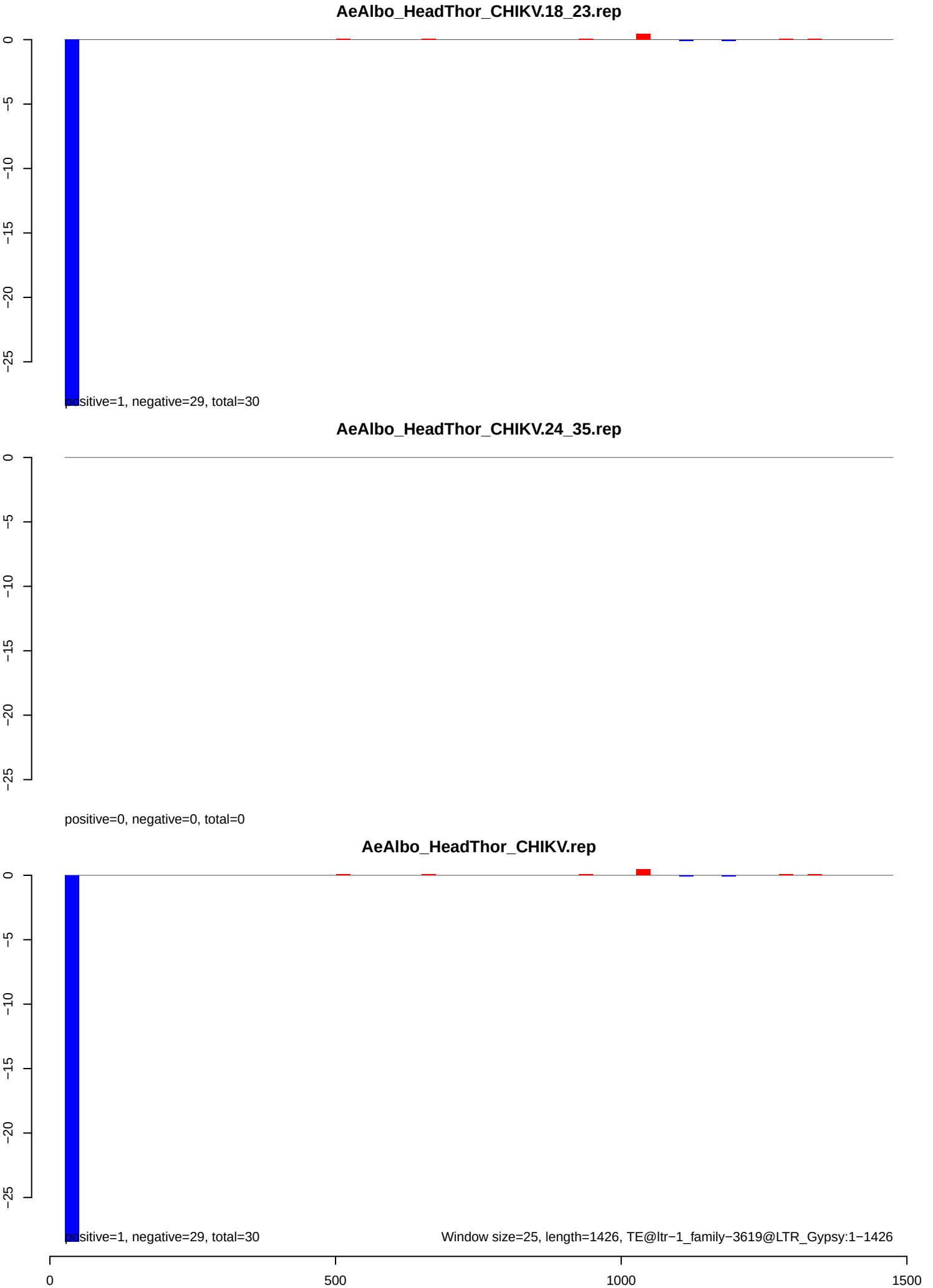

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=4, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=4, total=4
Window size=25, length=2137, TE@ltr−1_family−4366@LINE_CR1:1−2137
0
500
1000
1500
2000

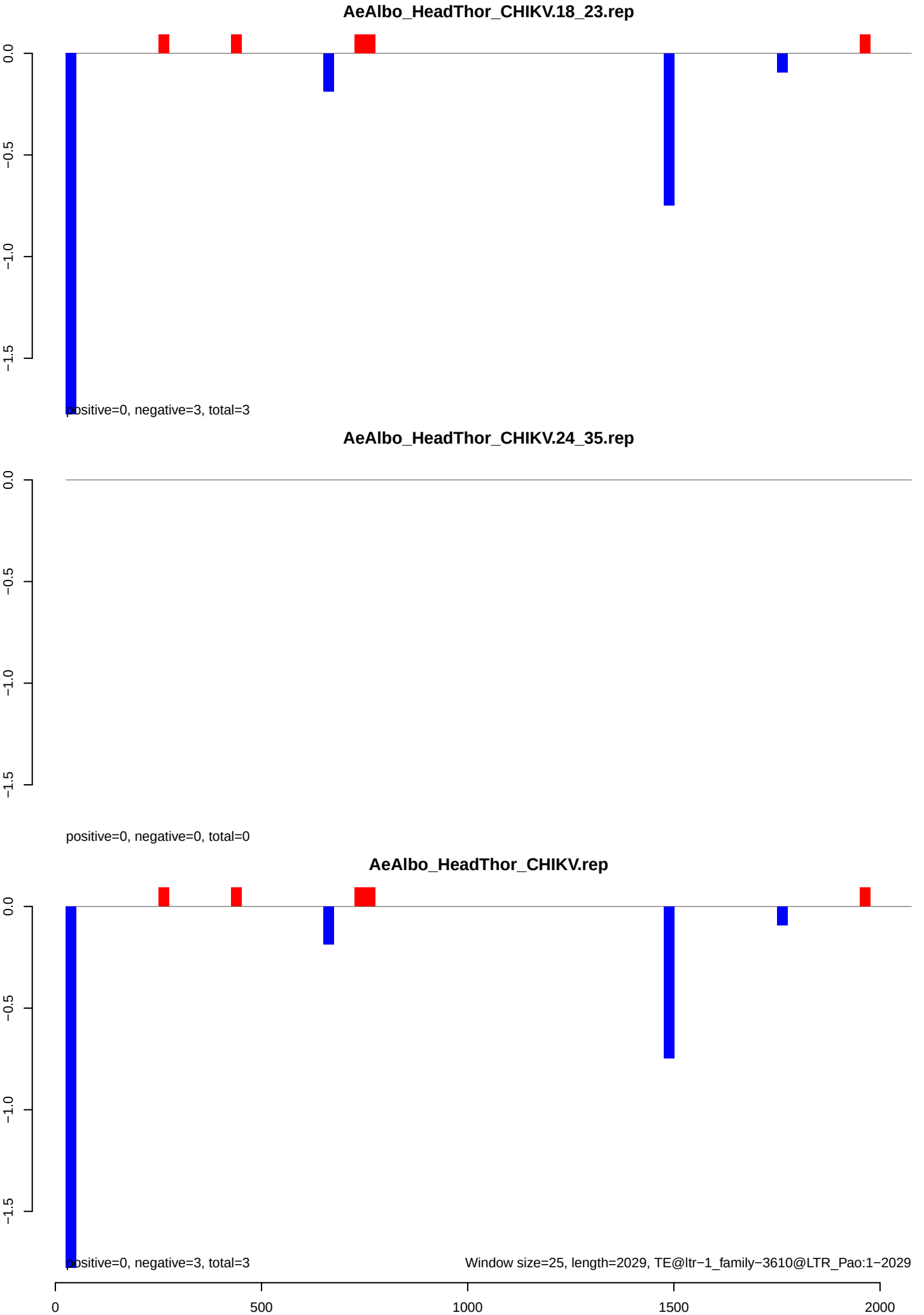

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=1477, TE@ltr−1_family−4280@LTR_Gypsy:1−1477
0
500
1000
1500

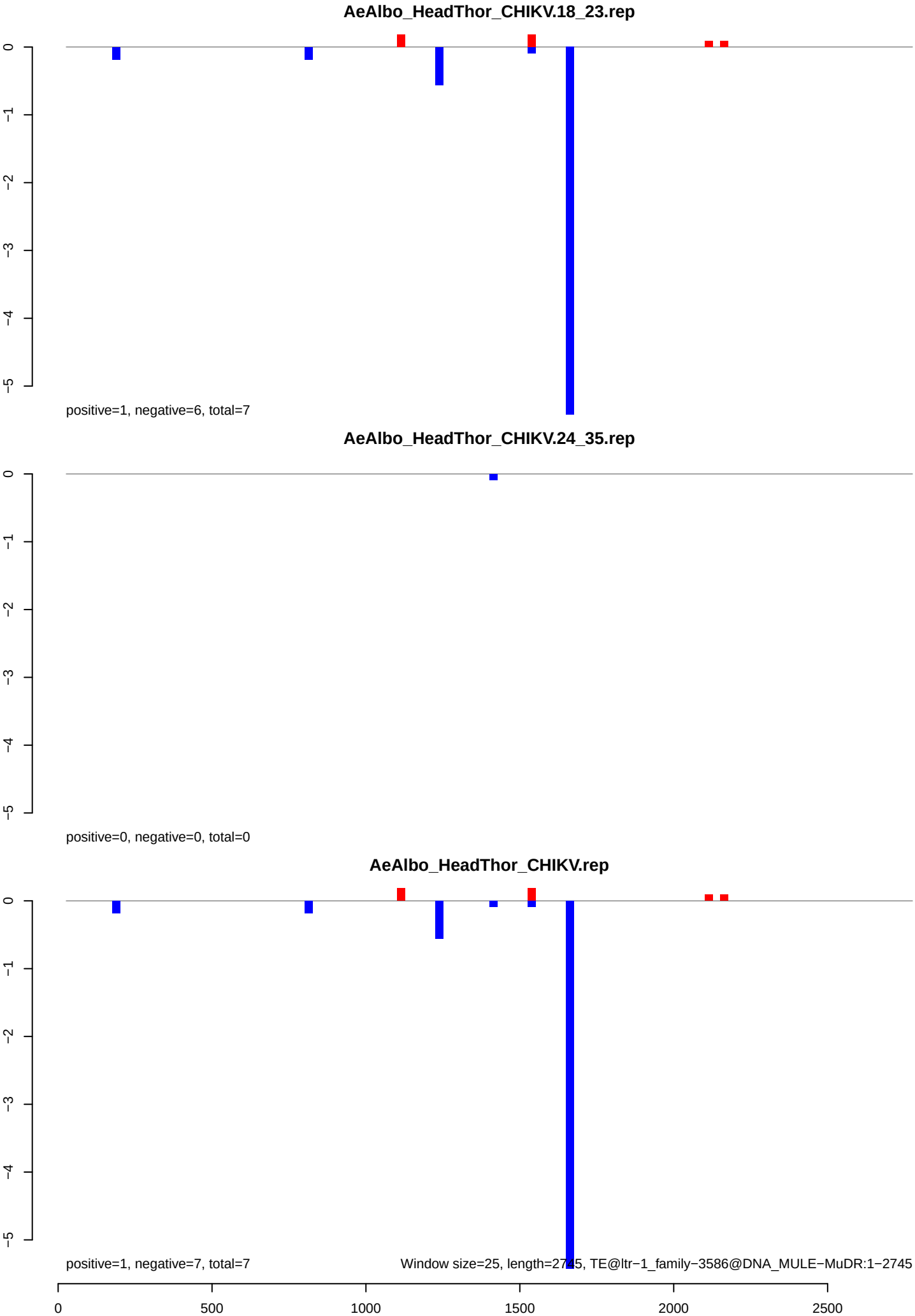

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=1
Window size=25, length=1887, TE@ltr−1_family−4203@LTR_Gypsy:1−1887
0
500
1000
1500
2000

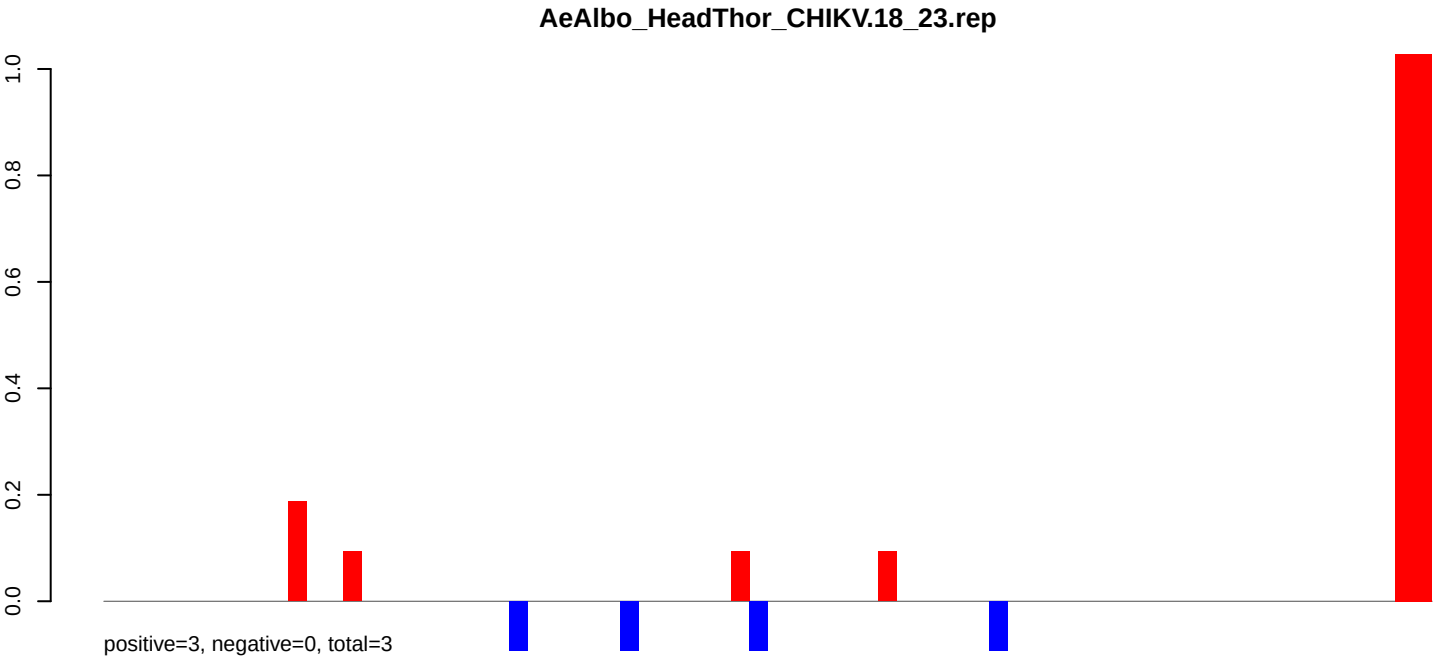

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
Window size=25, length=1613, TE@ltr−1_family−3779@LTR_Copia:1−1613
0
500
1000
1500

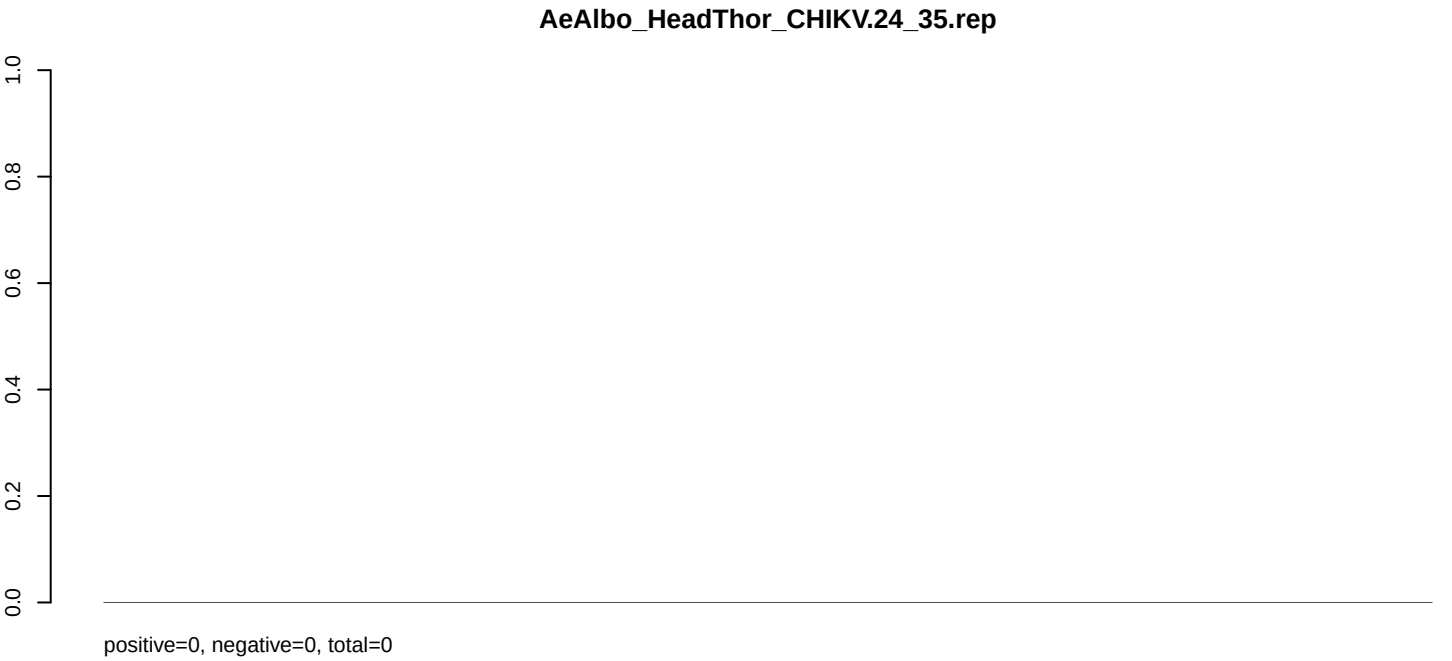

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=9, negative=8, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=9, negative=9, total=18
Window size=25, length=1391, TE@ltr−1_family−3639@LTR_Copia:1−1391
6
4
2
0
−2
−4
−6
0
200
400
600
800
1000
1200
1400

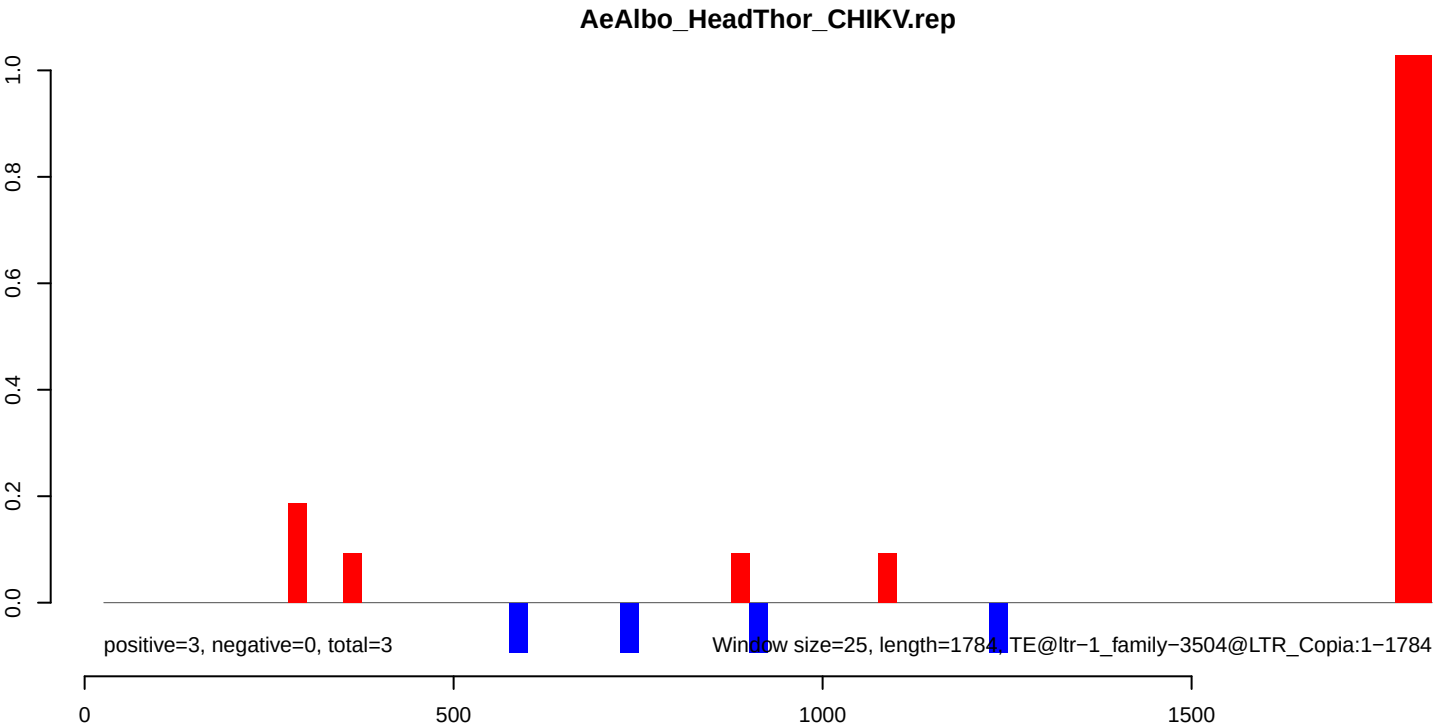

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=1, negative=29, total=30
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=1, negative=29, total=30
Window size=25, length=1426, TE@ltr−1_family−3619@LTR_Gypsy:1−1426
0
500
1000
1500

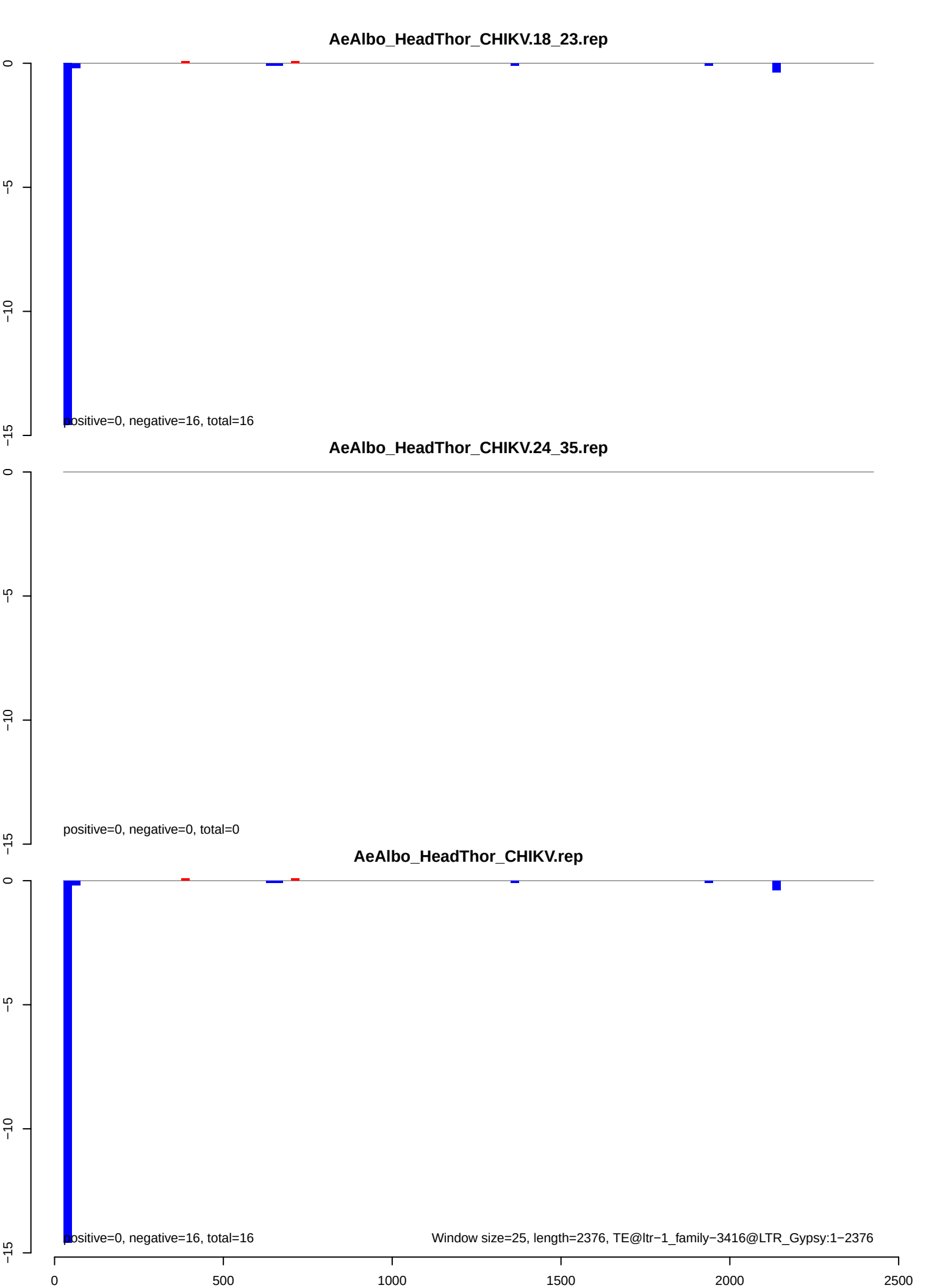

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=3, total=3
Window size=25, length=2029, TE@ltr−1_family−3610@LTR_Pao:1−2029
0
500
1000
1500
2000

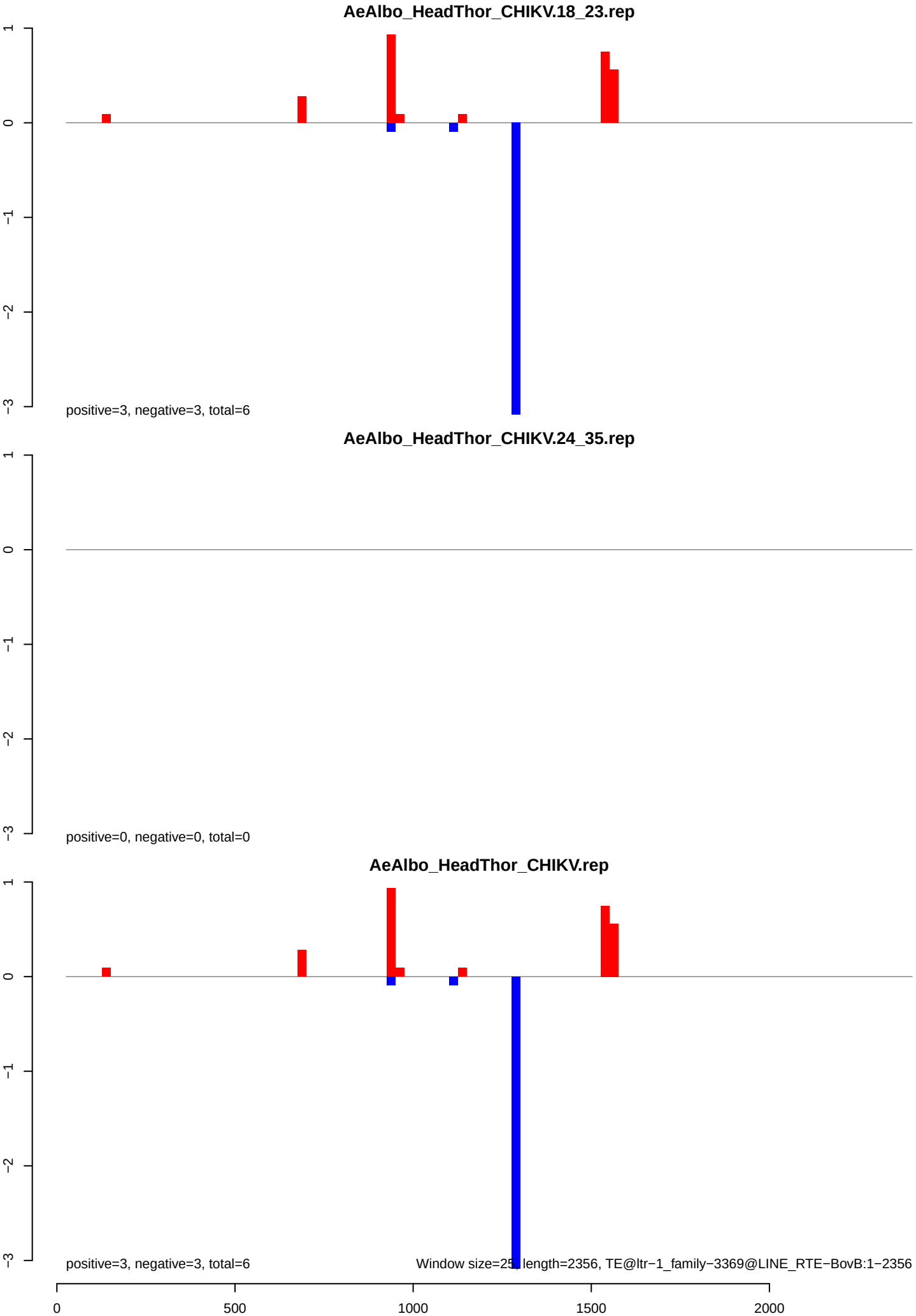

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=1, negative=6, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=1, negative=7, total=7
Window size=25, length=2745, TE@ltr−1_family−3586@DNA_MULE−MuDR:1−2745
0
500
1000
1500
2000
2500

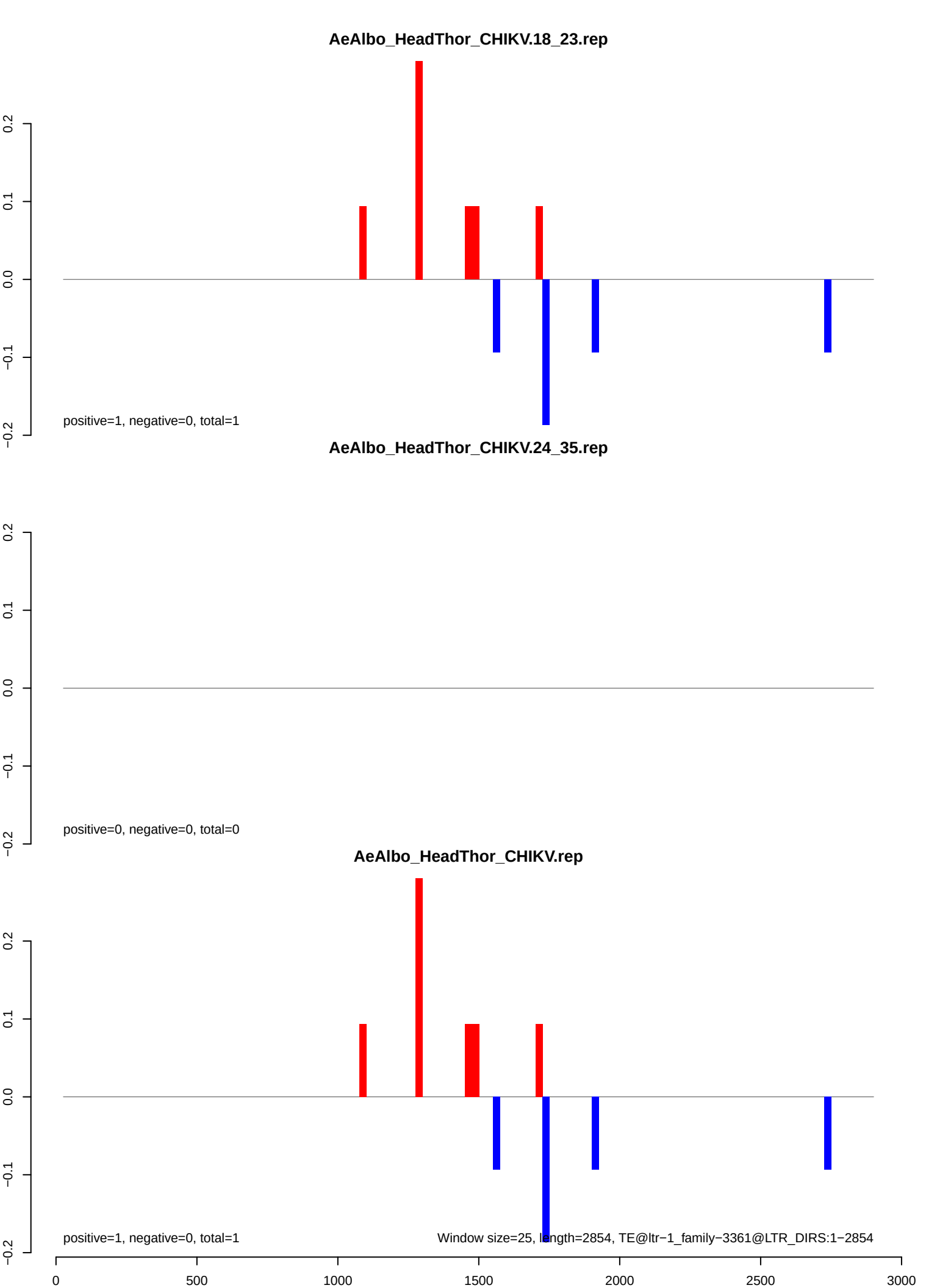

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=3, negative=0, total=3

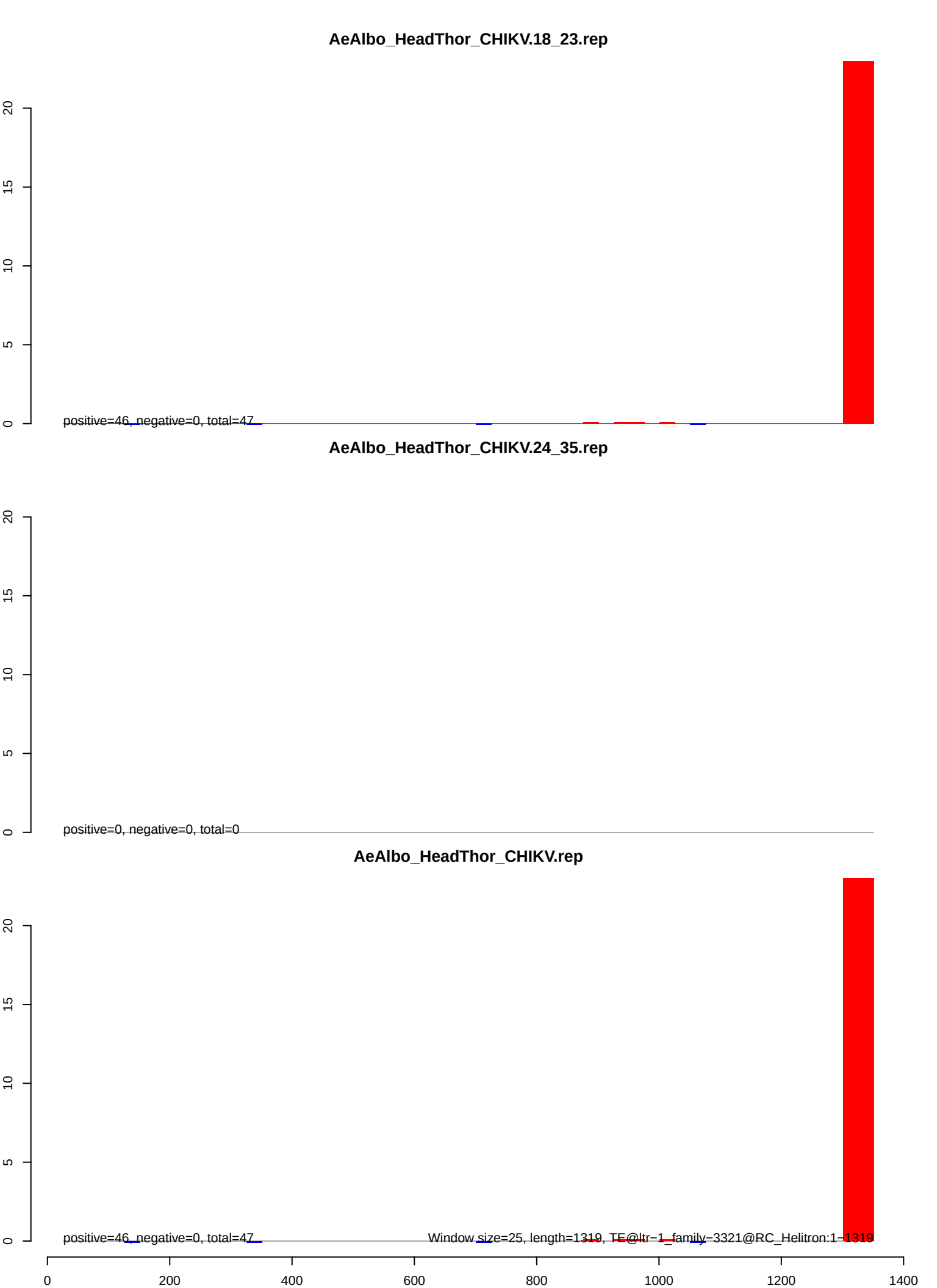

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=0, negative=0, total=0

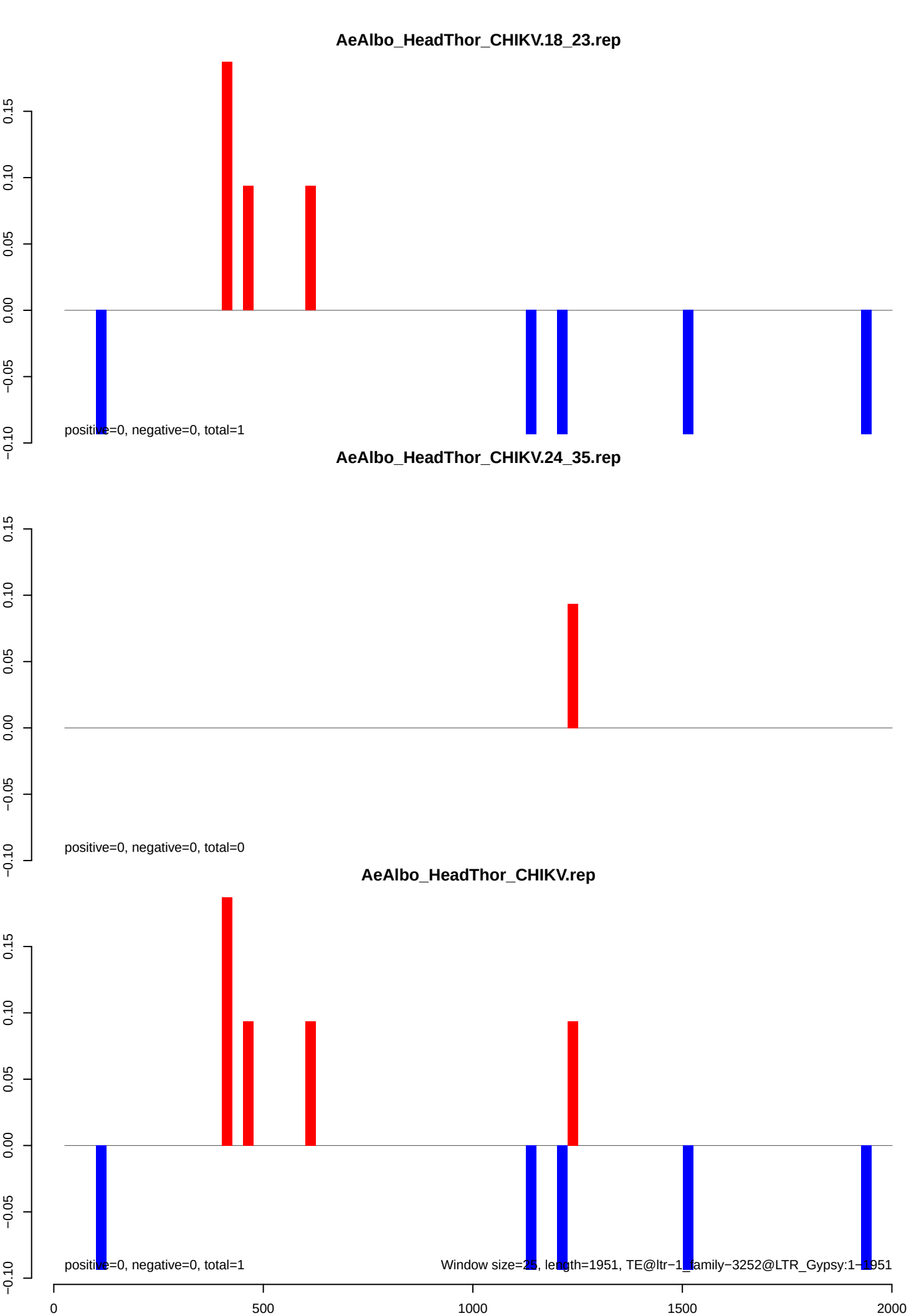

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=3, negative=0, total=3
Window size=25, length=1784, TE@ltr−1_family−3504@LTR_Copia:1−1784
0
500
1000
1500

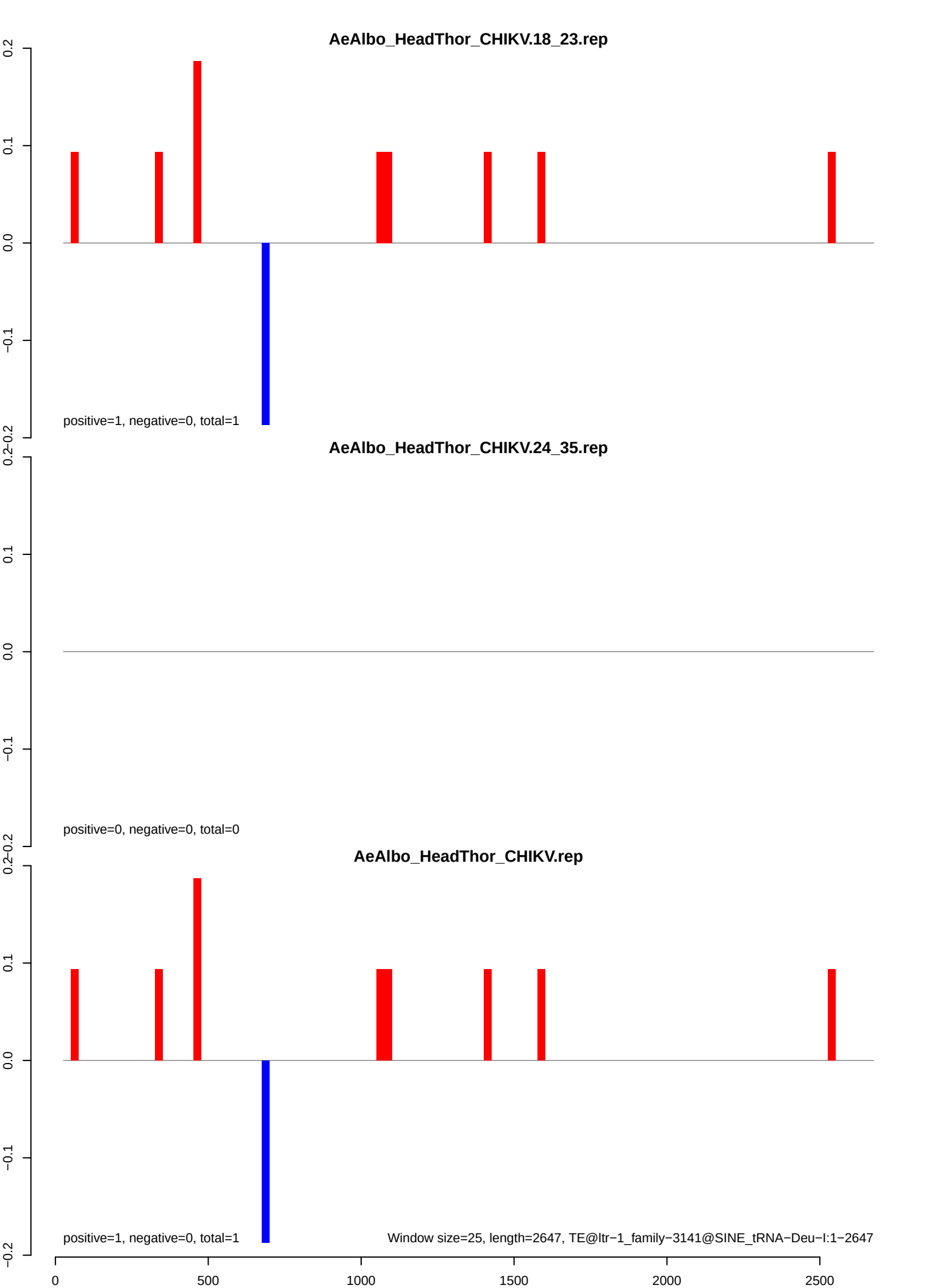

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=0, negative=16, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=16, total=16
Window size=25, length=2376, TE@ltr−1_family−3416@LTR_Gypsy:1−2376
0
500
1000
1500
2000
2500

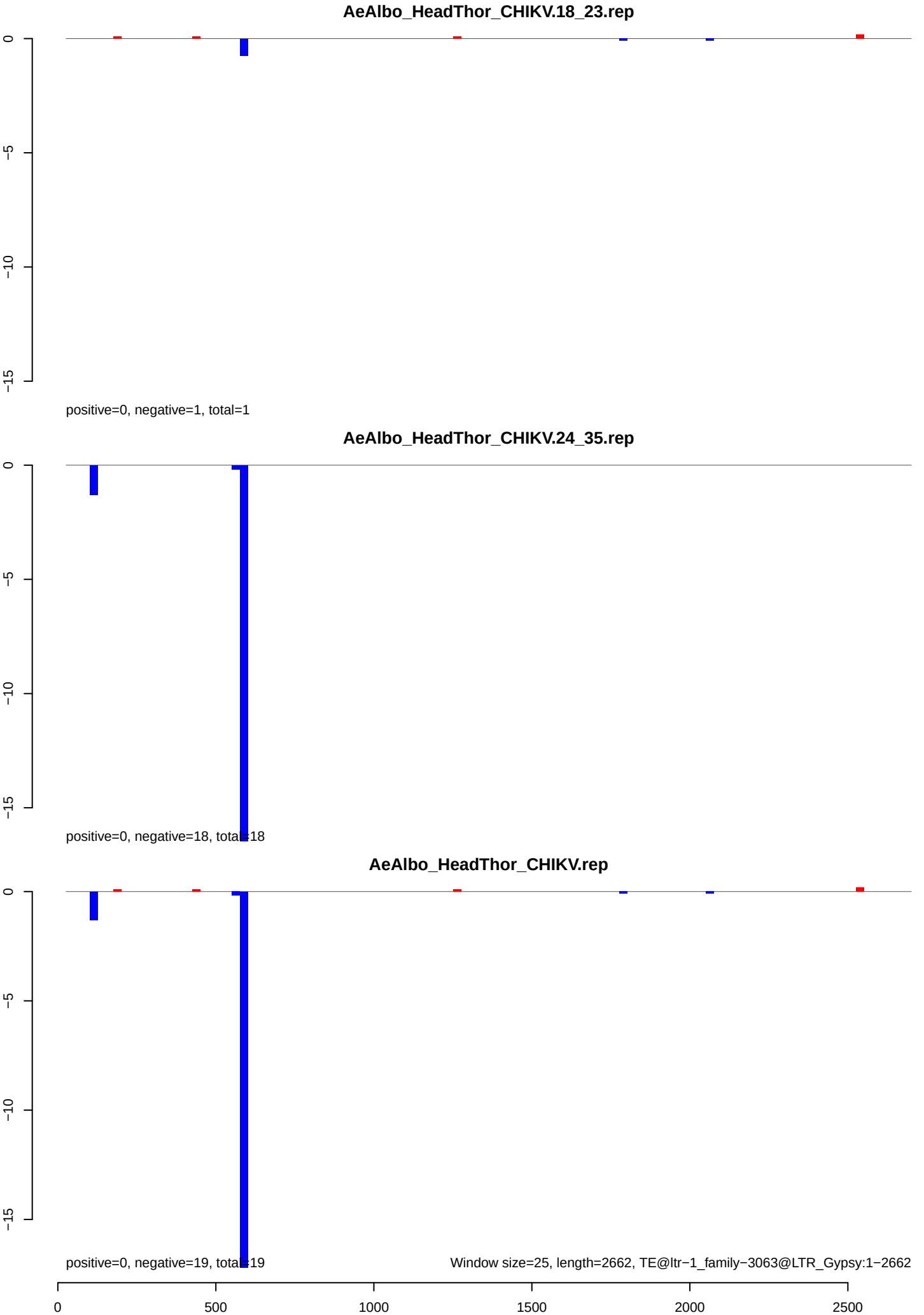

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=3, total=6
Window size=25, length=2356, TE@ltr−1_family−3369@LINE_RTE−BovB:1−2356
1
0
−1
−2
−3
0
500
1000
1500
2000

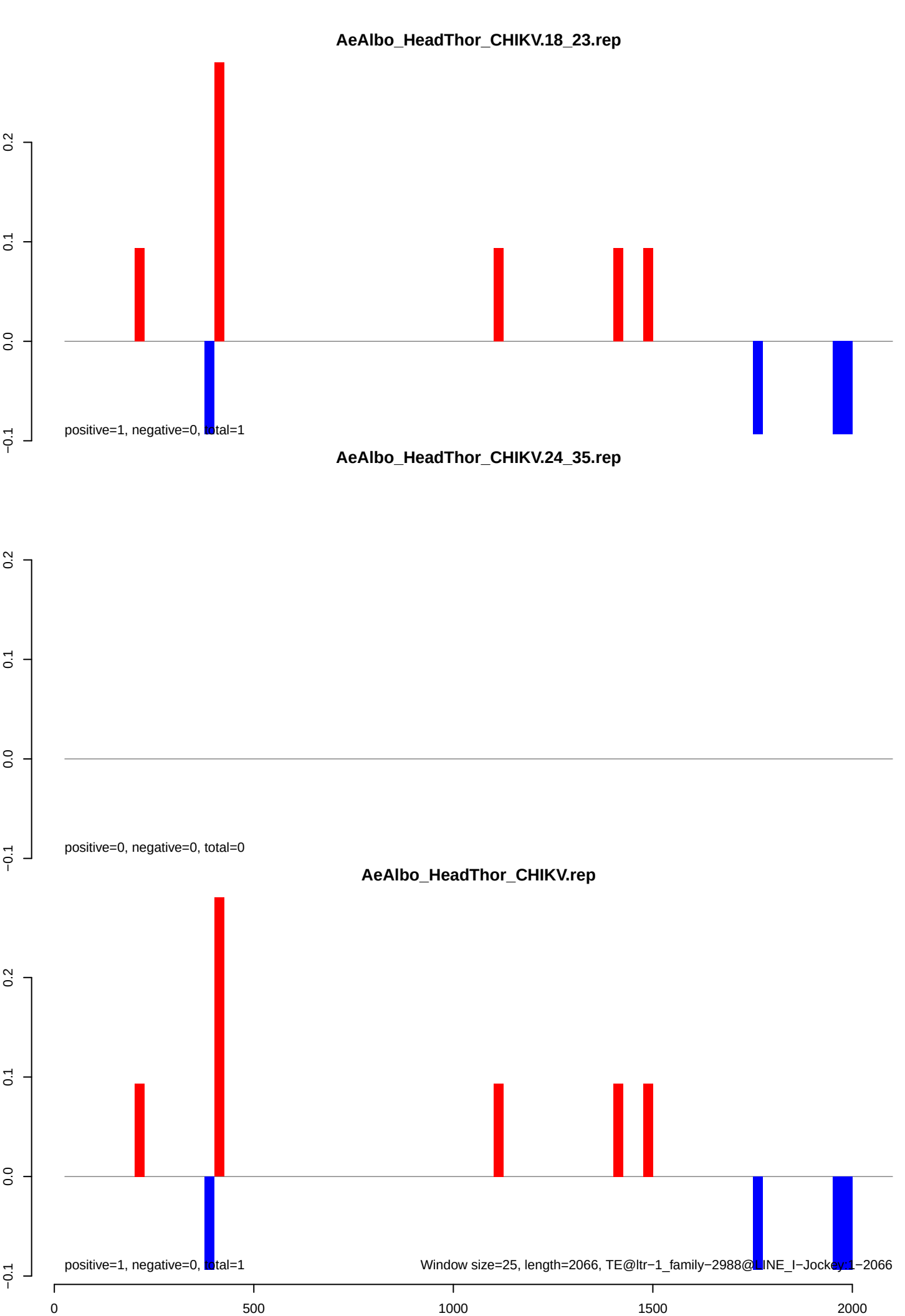

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=2854, TE@ltr−1_family−3361@LTR_DIRS:1−2854
0
500
1000
1500
2000
2500
3000

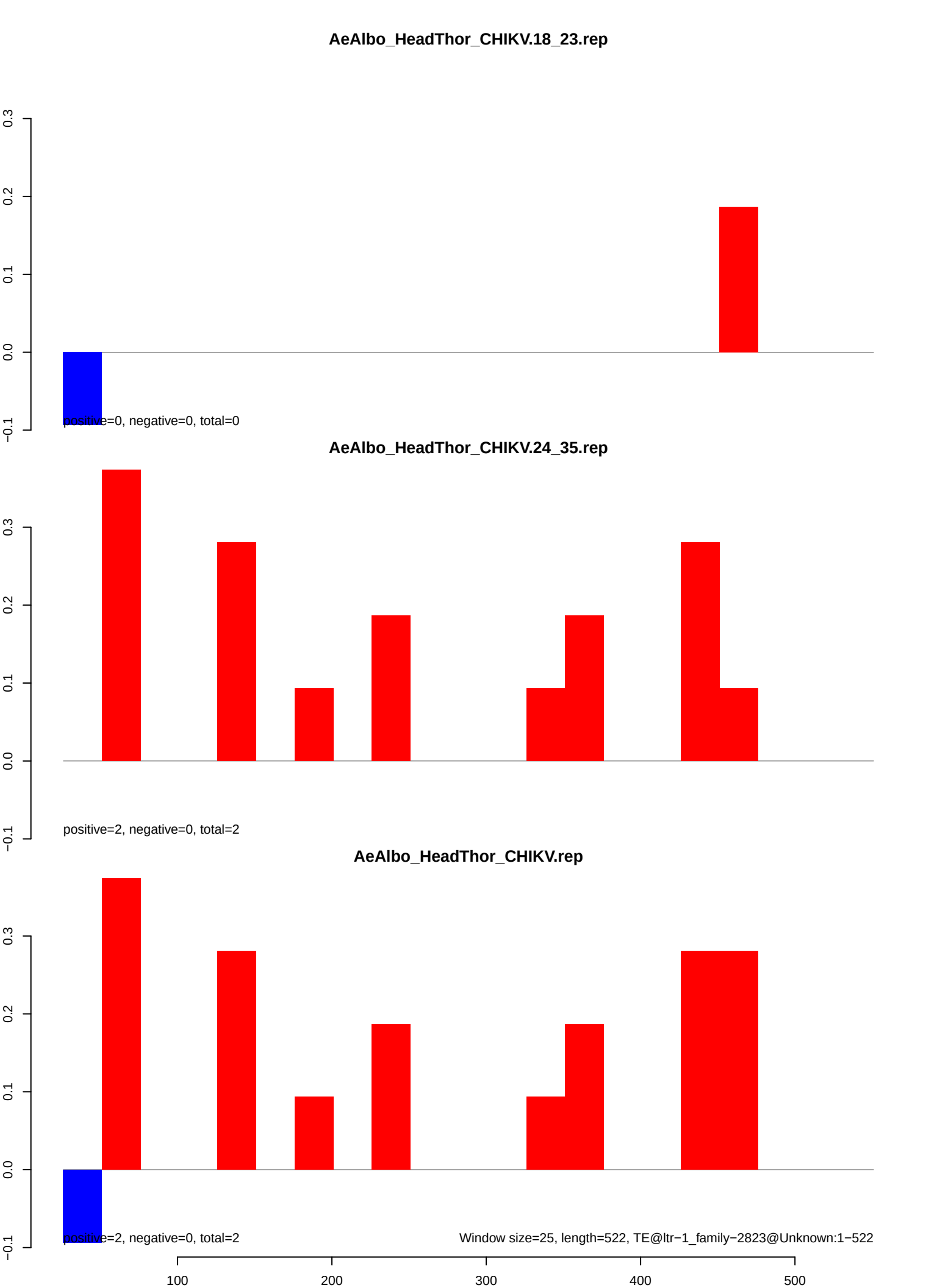

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
positive=46, negative=0, total=47
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
positive=46, negative=0, total=47
Window size=25, length=1319, TE@ltr-1_family-3321@RC_Helitron:1-1319
0
200
400
600
800
1000
1200
1400

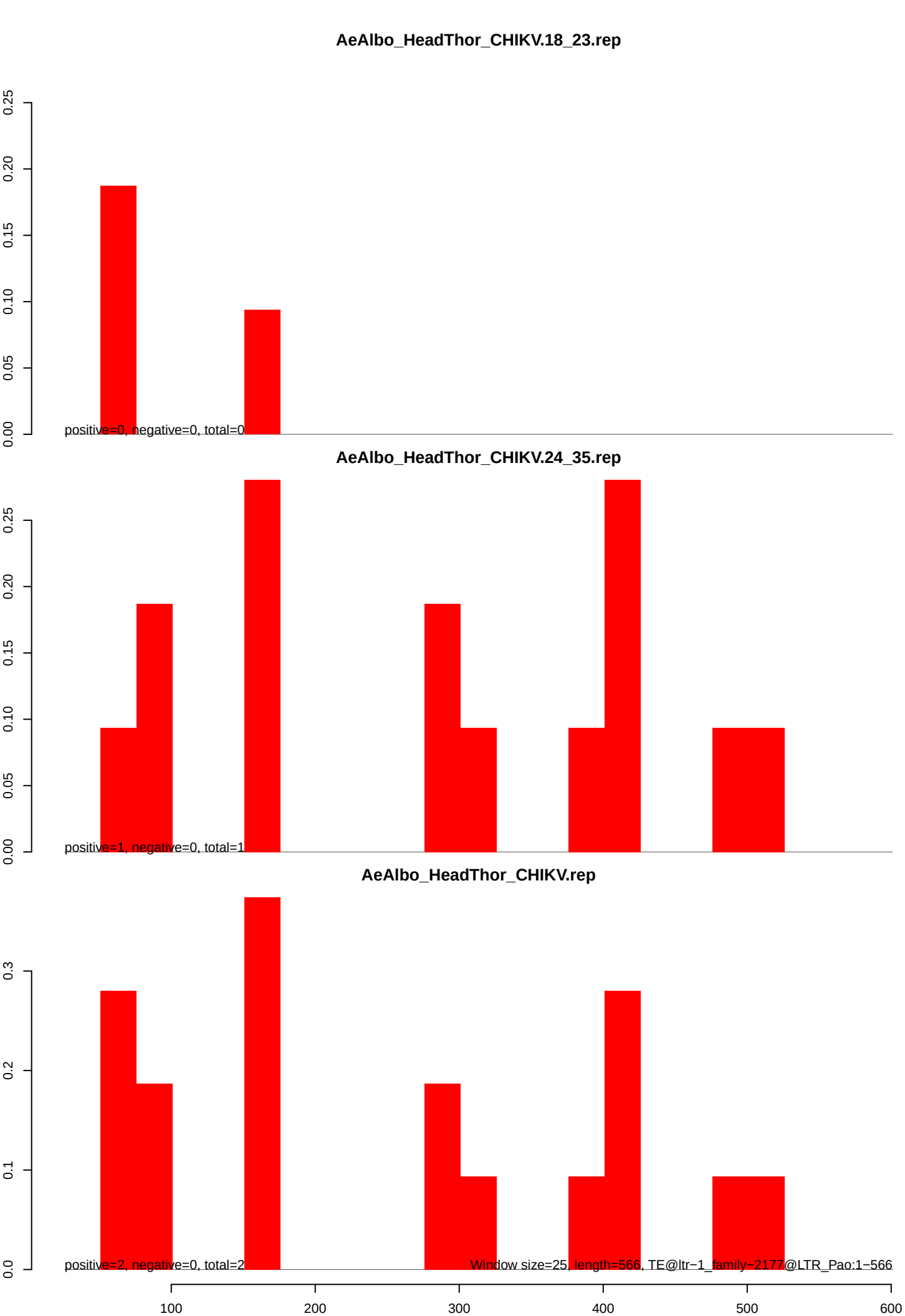

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1951, TE@ltr−1_family−3252@LTR_Gypsy:1−1951
0
500
1000
1500
2000

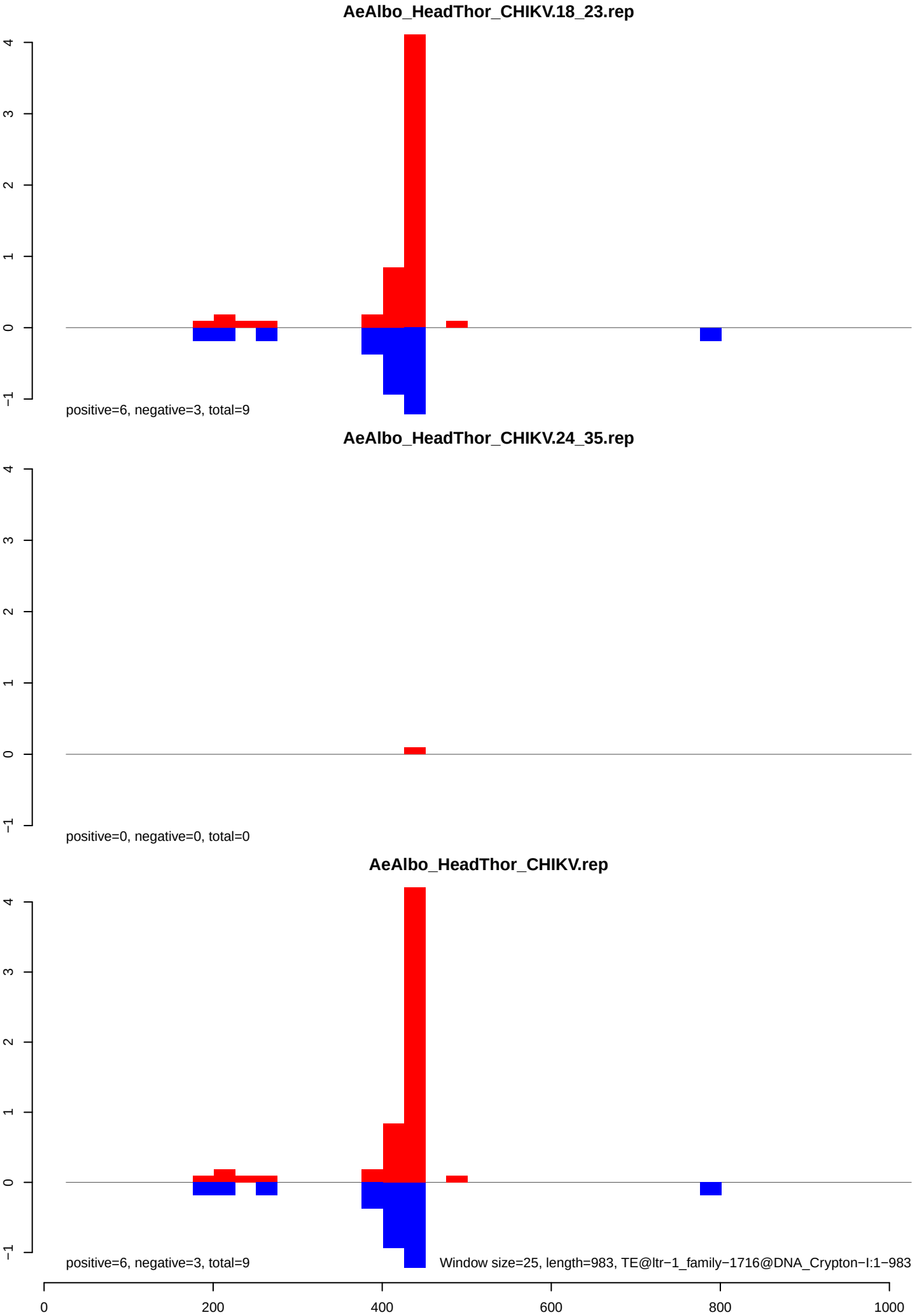

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=2647, TE@ltr−1_family−3141@SINE_tRNA−Deu−I:1−2647
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500

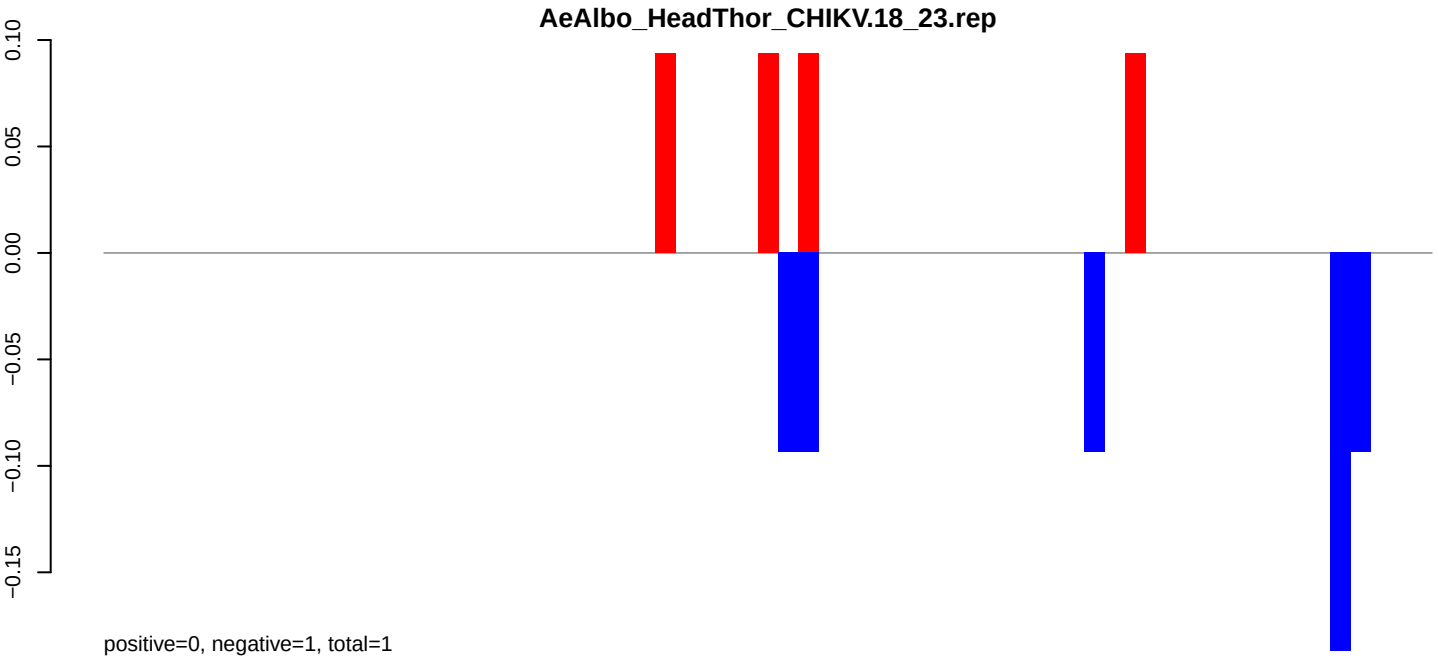

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=18, total=18
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=19, total=19
Window size=25, length=2662, TE@ltr−1_family−3063@LTR_Gypsy:1−2662
0
500
1000
1500
2000
2500

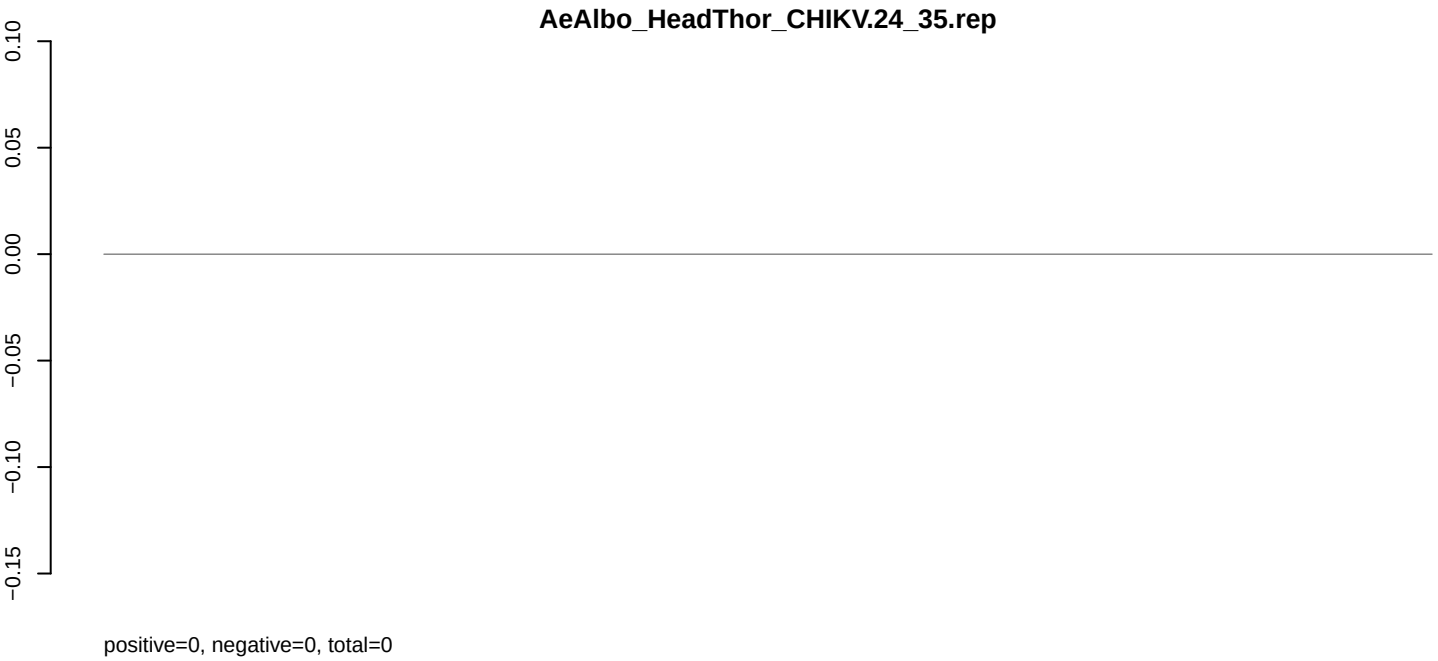

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=2066, TE@ltr−1_family−2988@LINE_I−Jockey:1−2066
0
500
1000
1500
2000

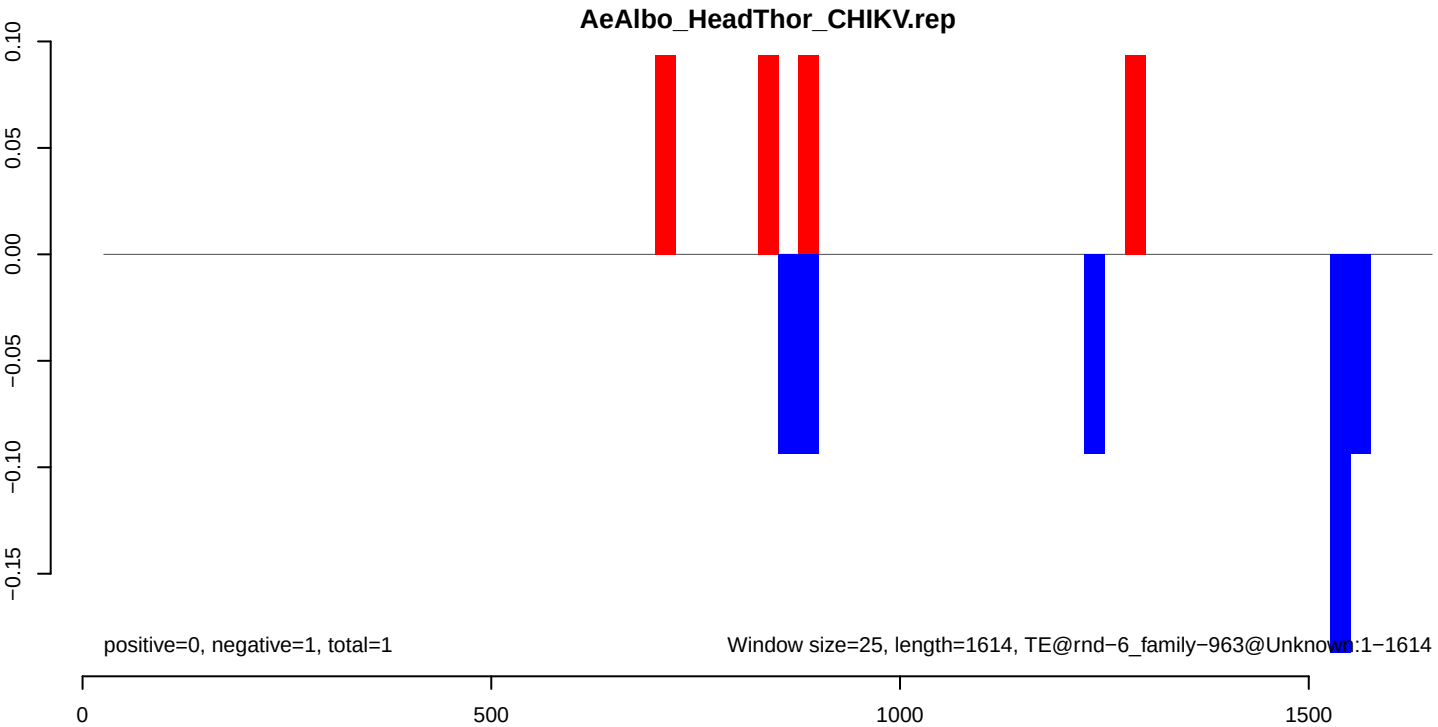

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=2, negative=0, total=2
Window size=25, length=522, TE@ltr−1_family−2823@Unknown:1−522
100
200
300
400
500

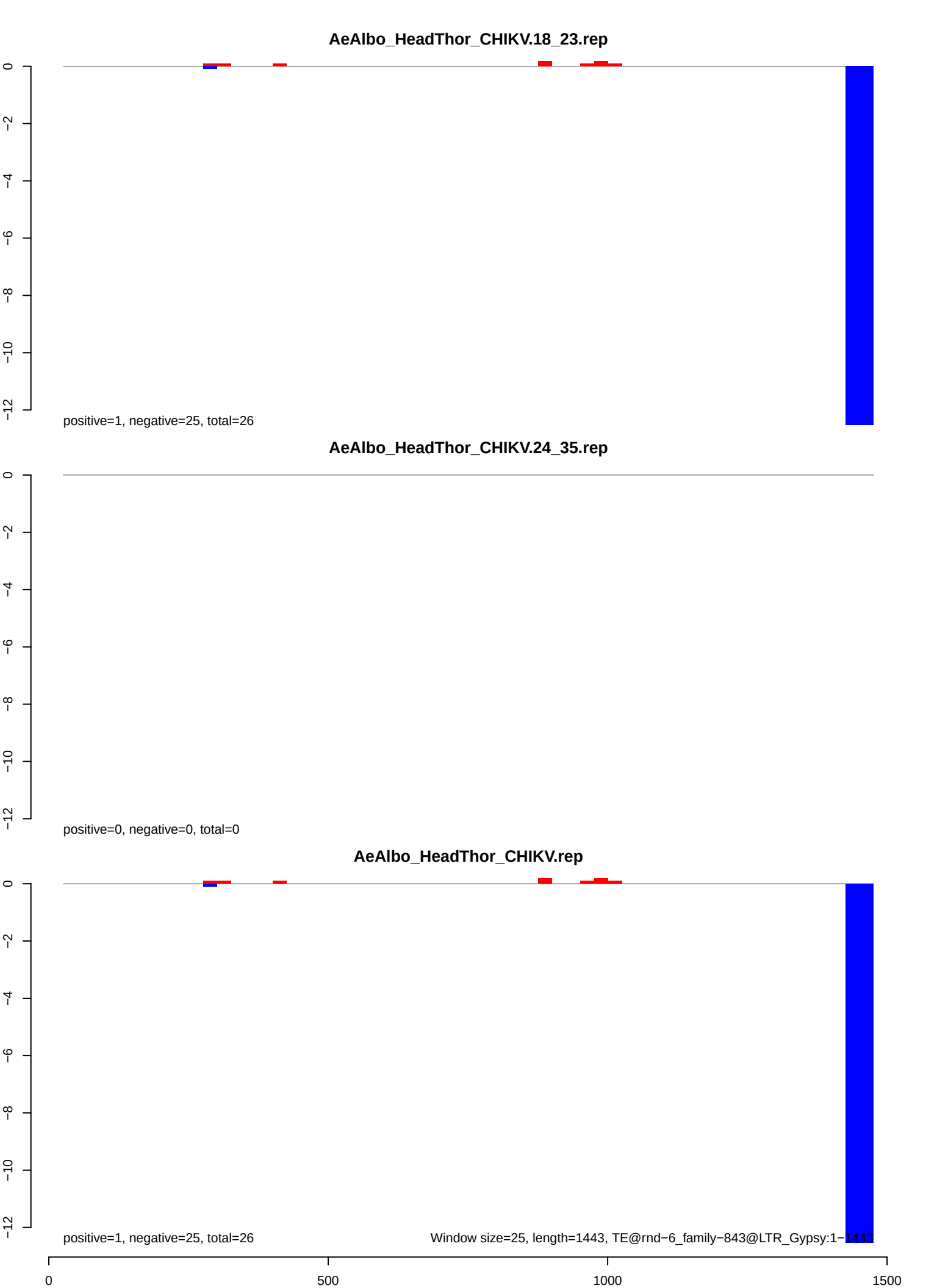

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
positive=2, negative=0, total=2
Window size=25, length=566, TE@ltr−1_family−2177@LTR_Pao:1−566
100
200
300
400
500
600

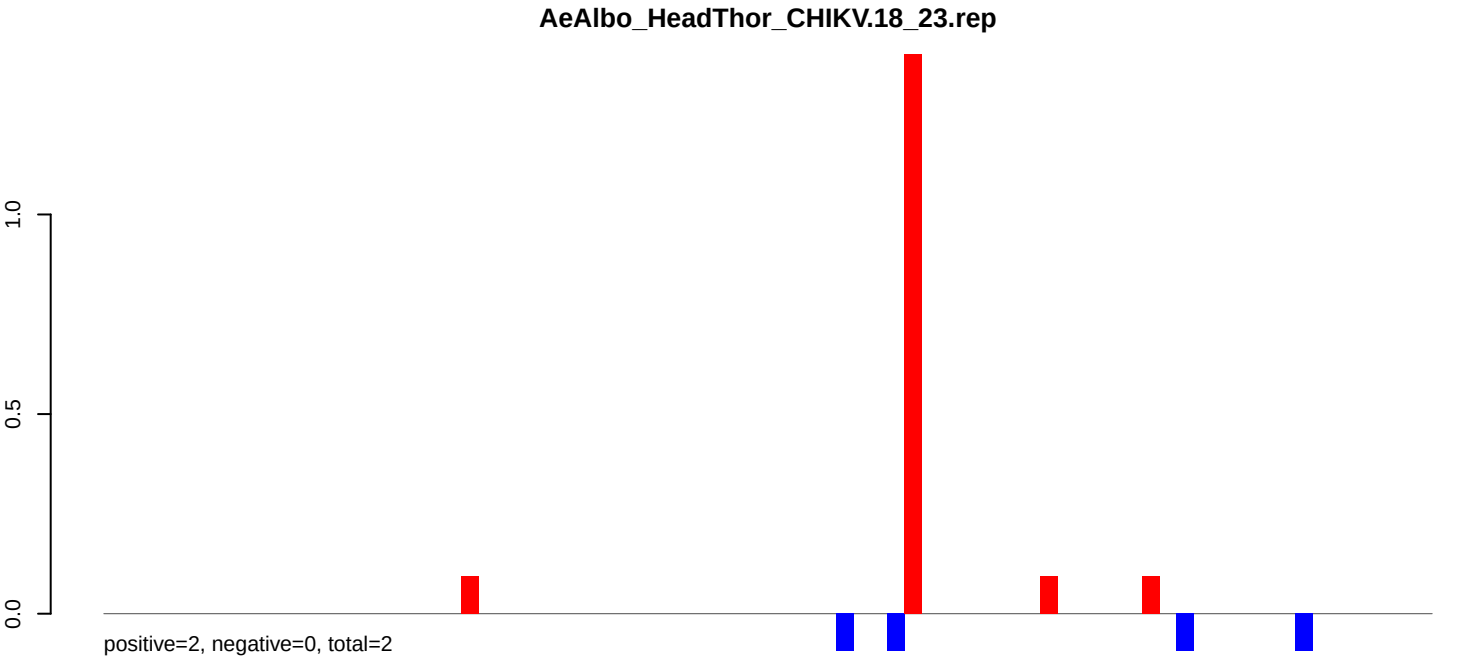

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=3, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=3, total=9
Window size=25, length=983, TE@ltr−1_family−1716@DNA_Crypton−I:1−983
0
200
400
600
800
1000

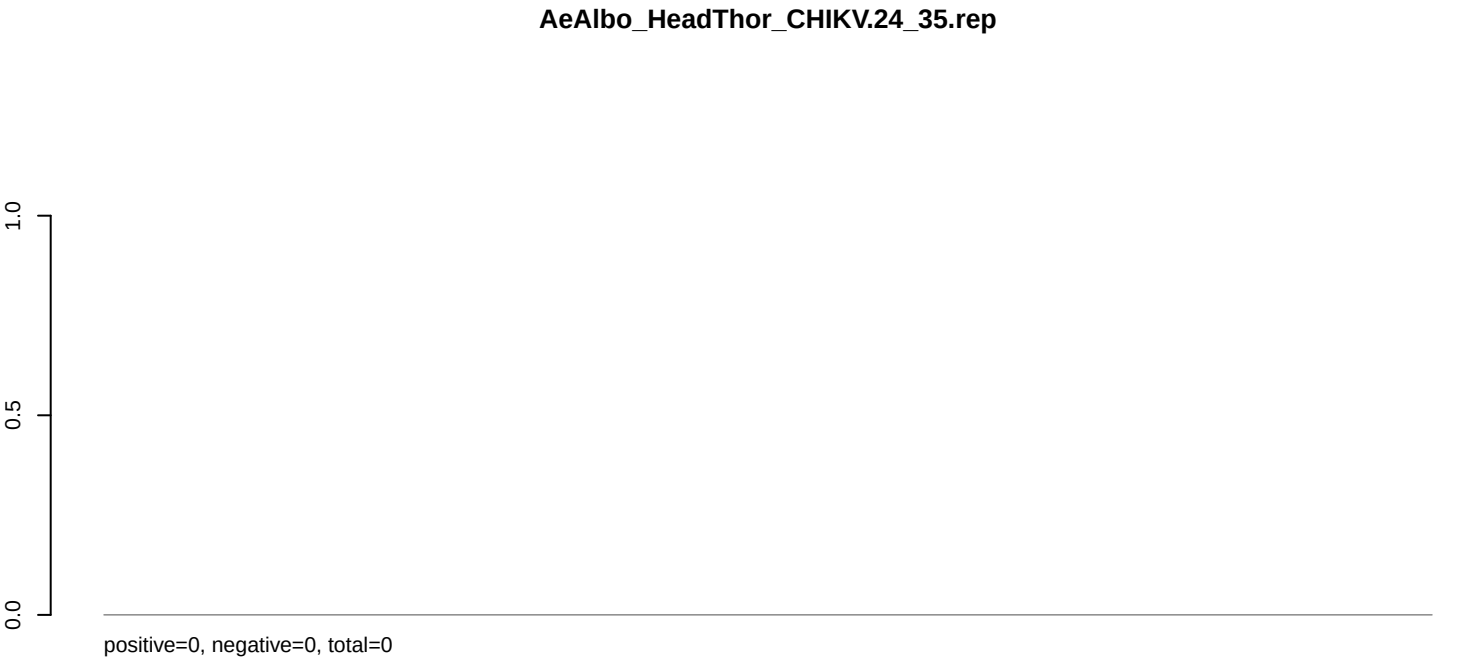

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1

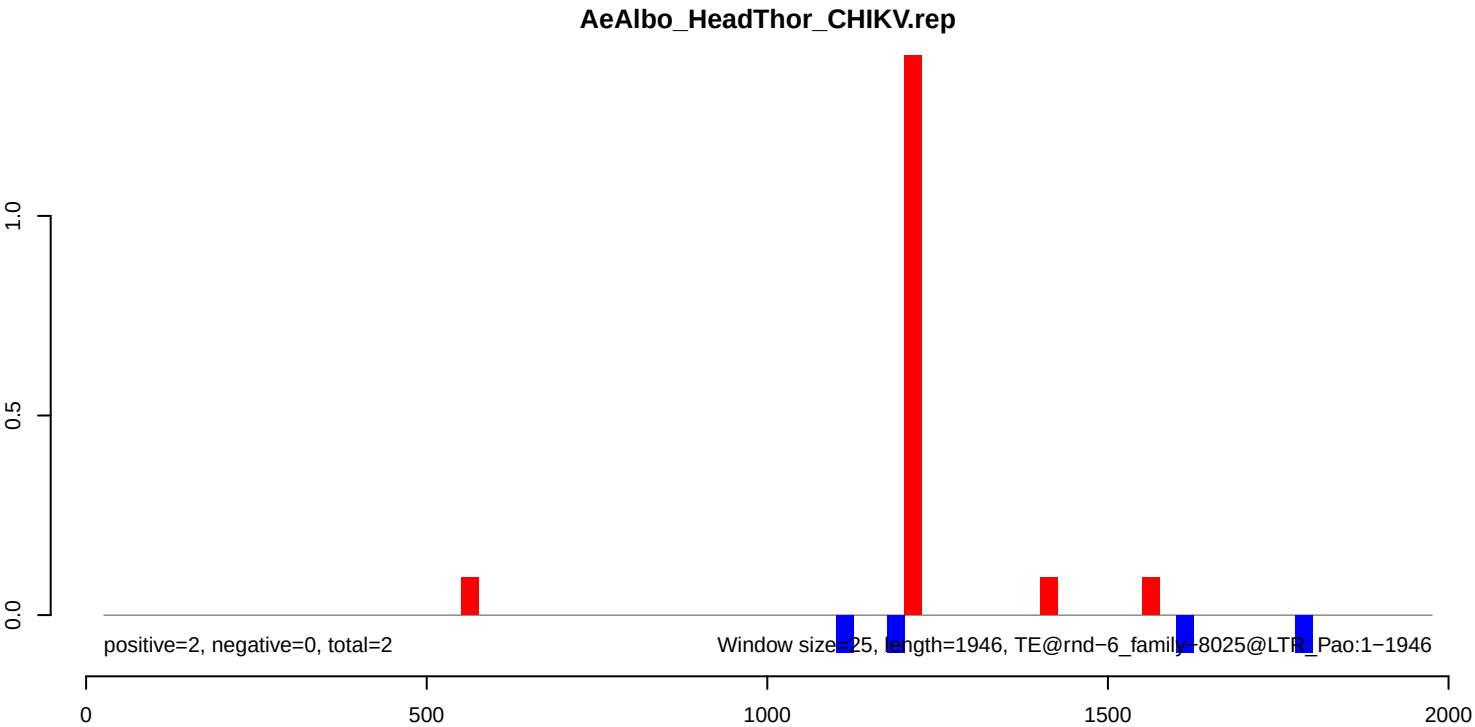

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

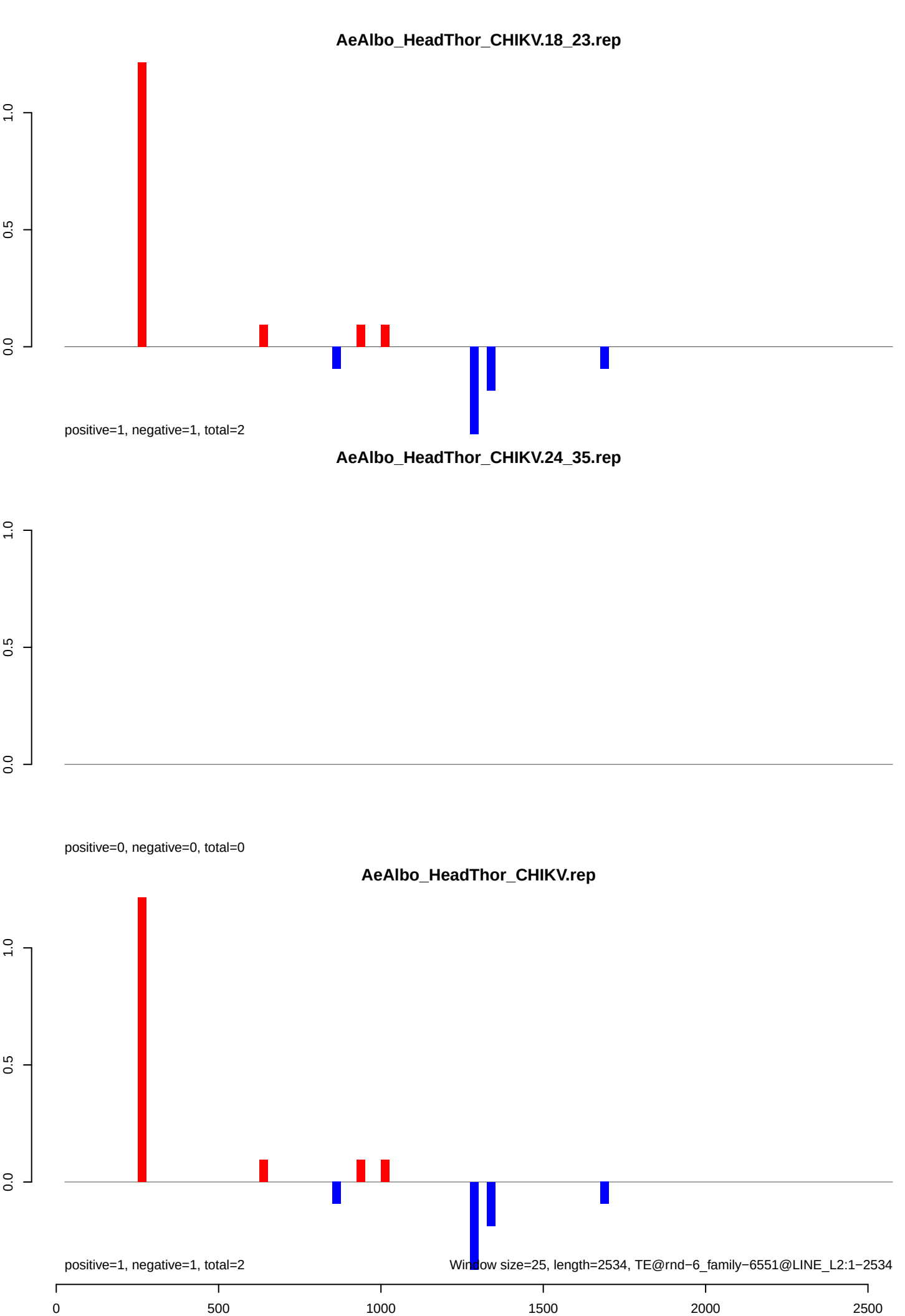

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=1614, TE@rnd−6_family−963@Unknown:1−1614
0
500
1000
1500

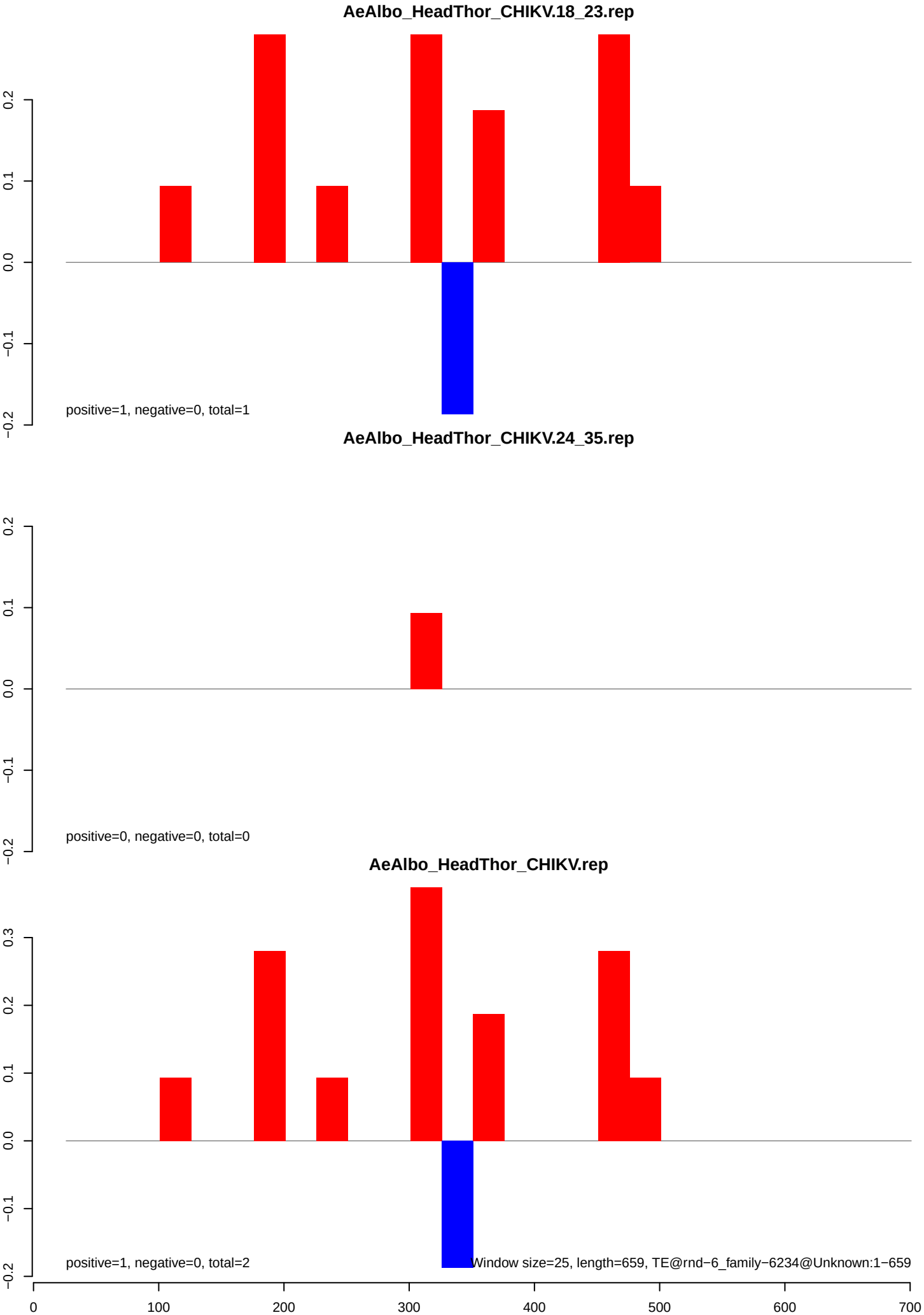

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=25, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=25, total=26
Window size=25, length=1443, TE@rnd−6_family−843@LTR_Gypsy:1−1443
0
500
1000
1500

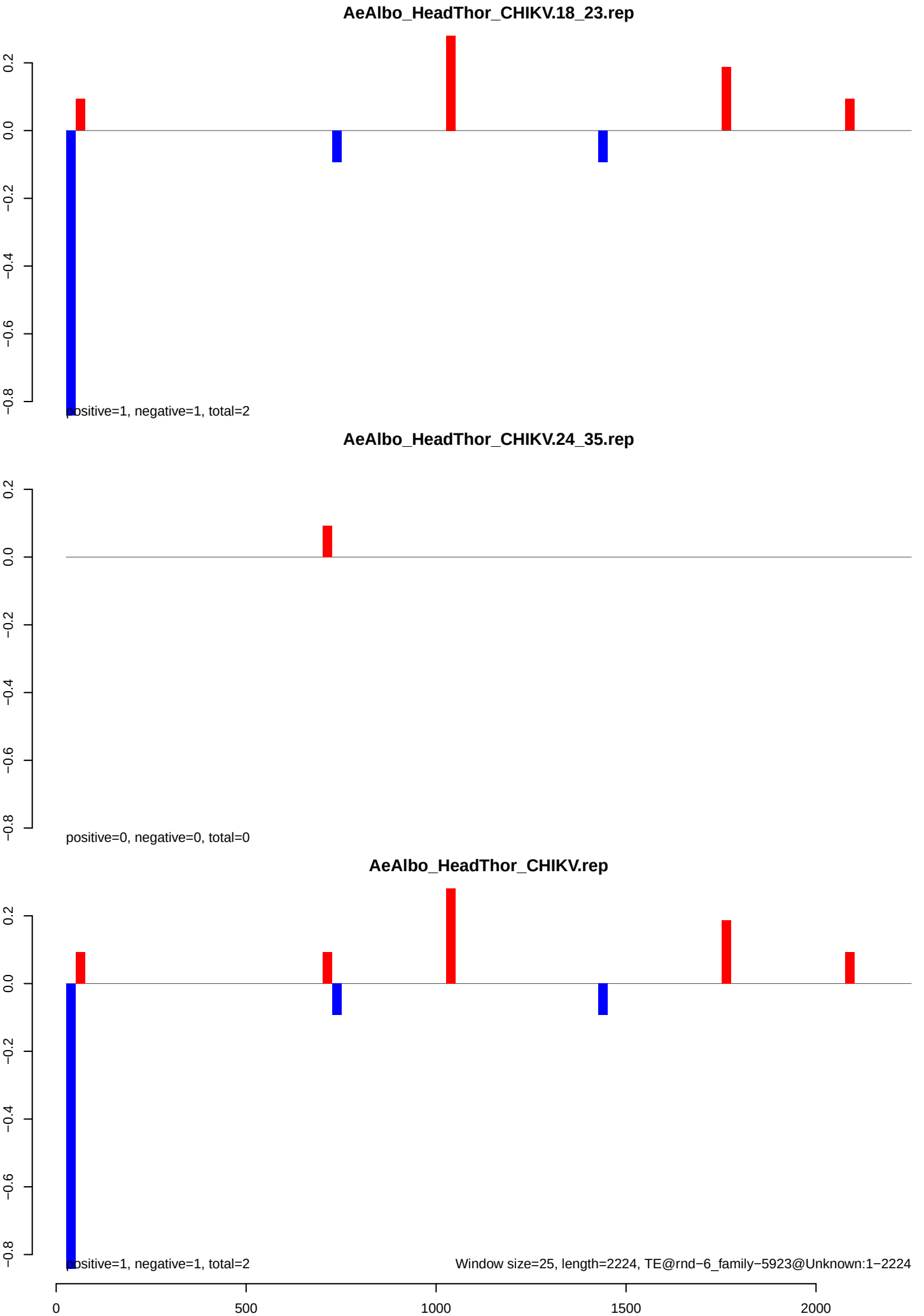

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=2, negative=0, total=2

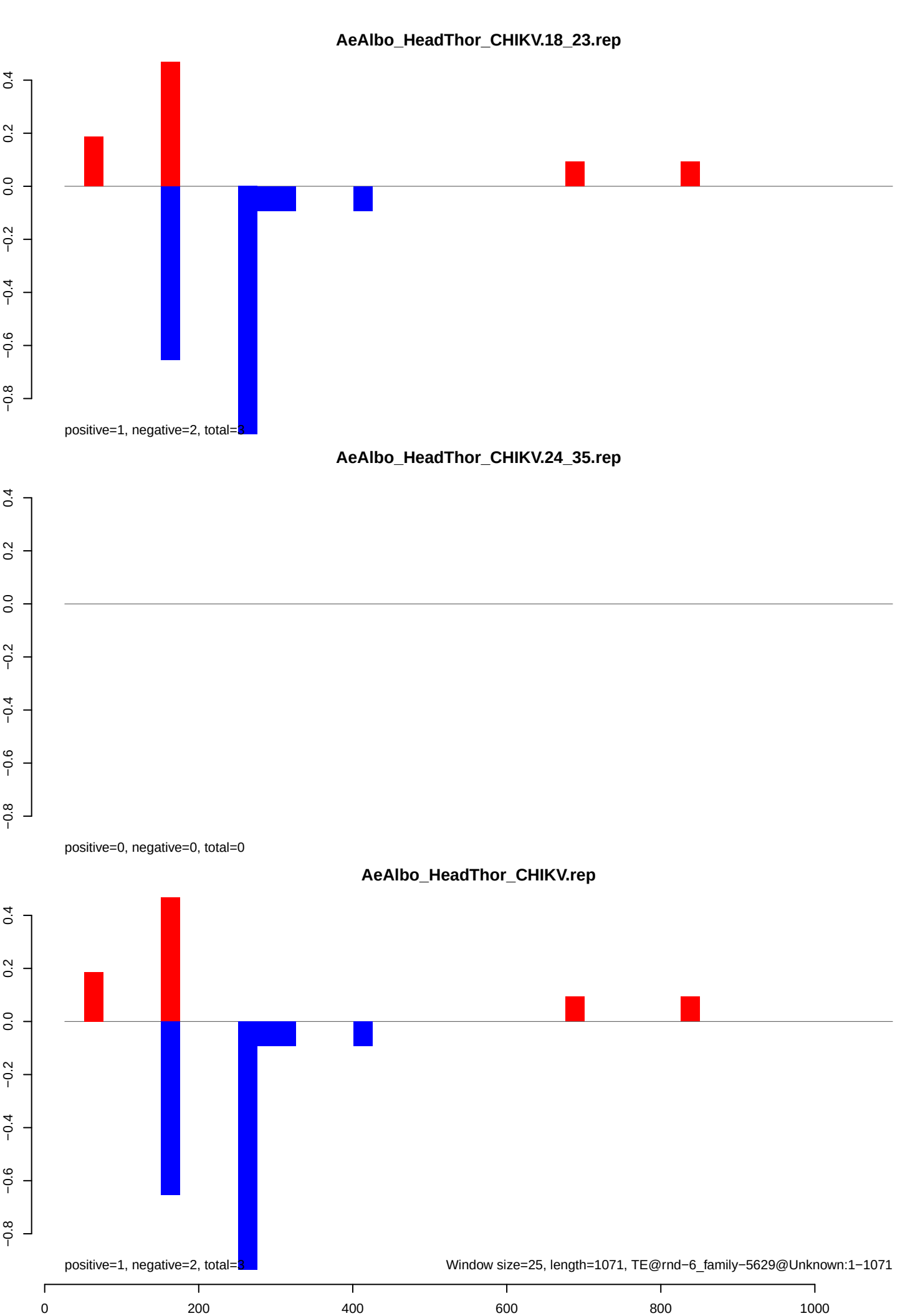

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0

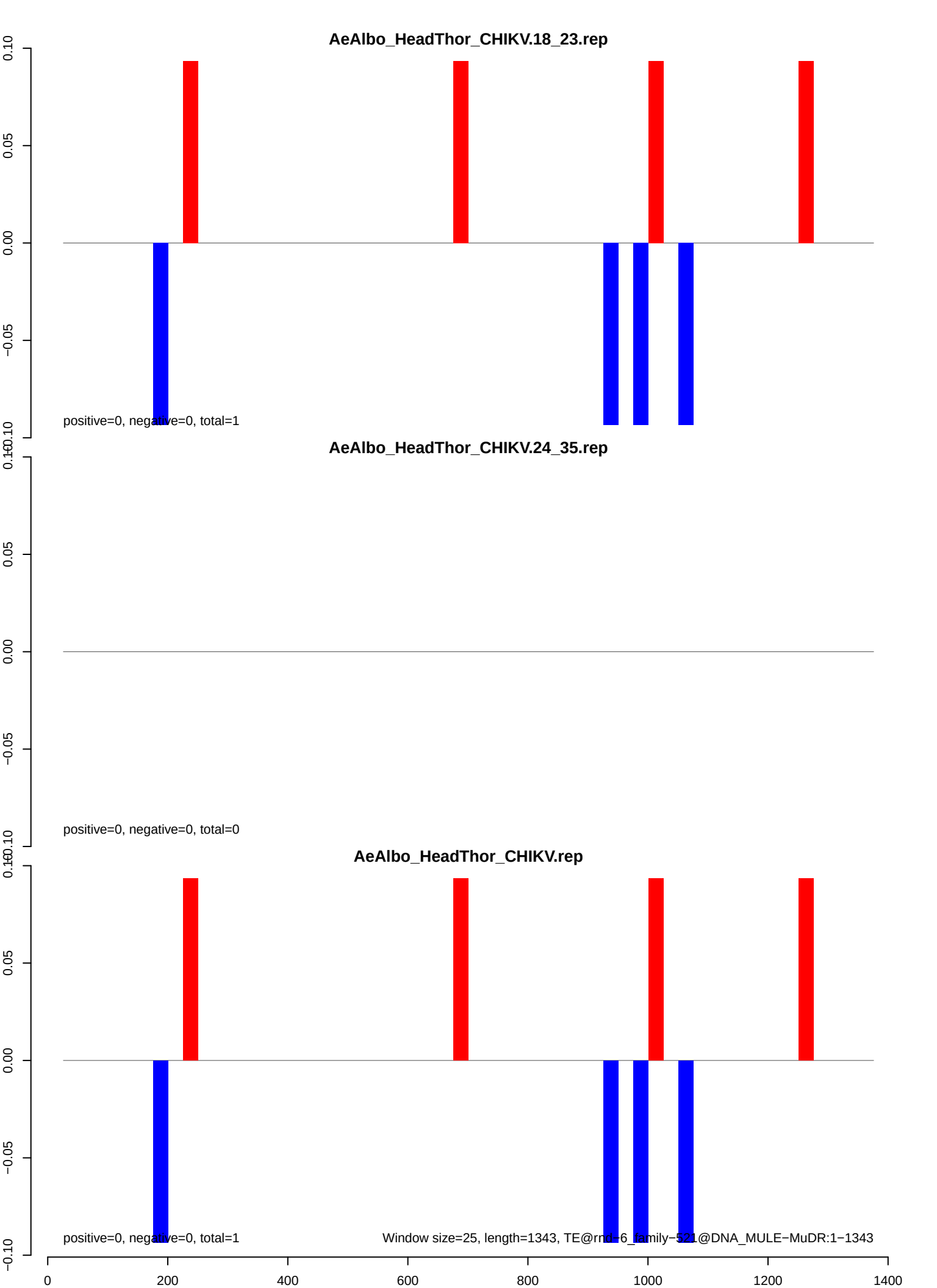

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=2, negative=0, total=2
Window size=25, length=1946, TE@rnd−6_family−8025@LTR_Pao:1−1946
0
500
1000
1500
2000

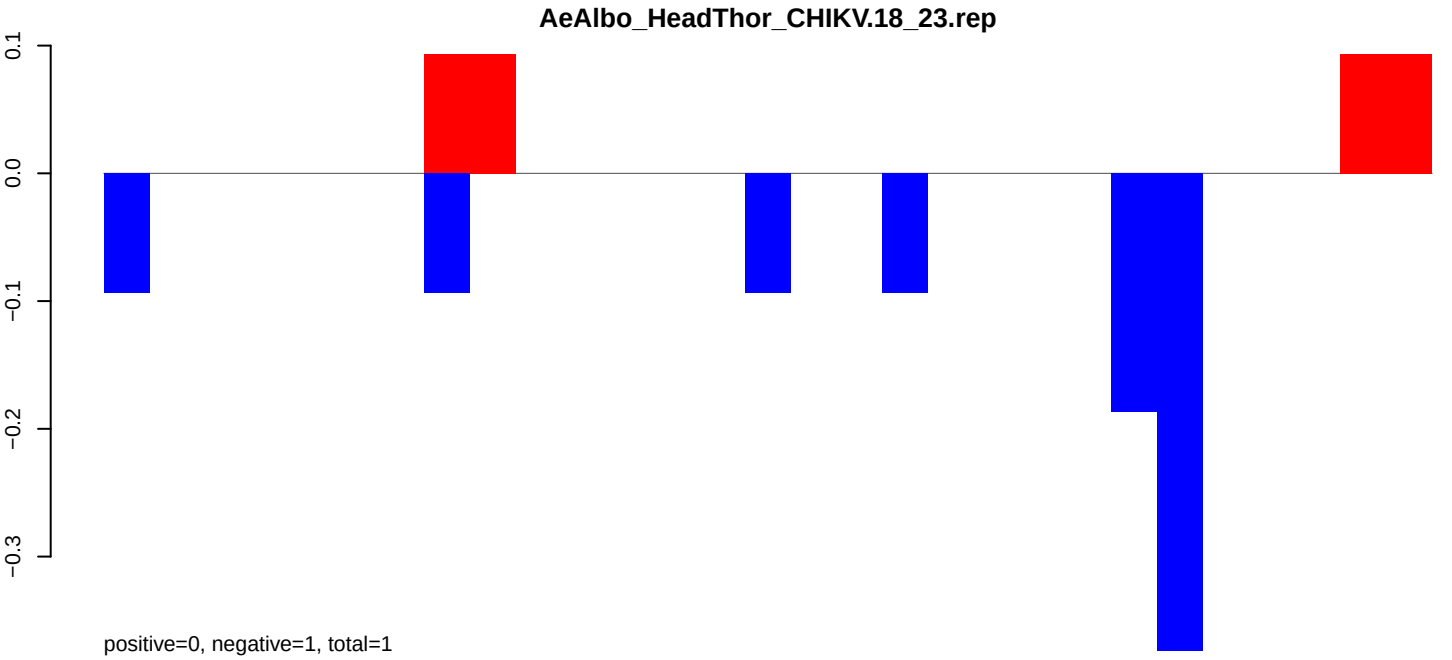

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=1, negative=1, total=2
Window size=25, length=2534, TE@rnd−6_family−6551@LINE_L2:1−2534
0
500
1000
1500
2000
2500

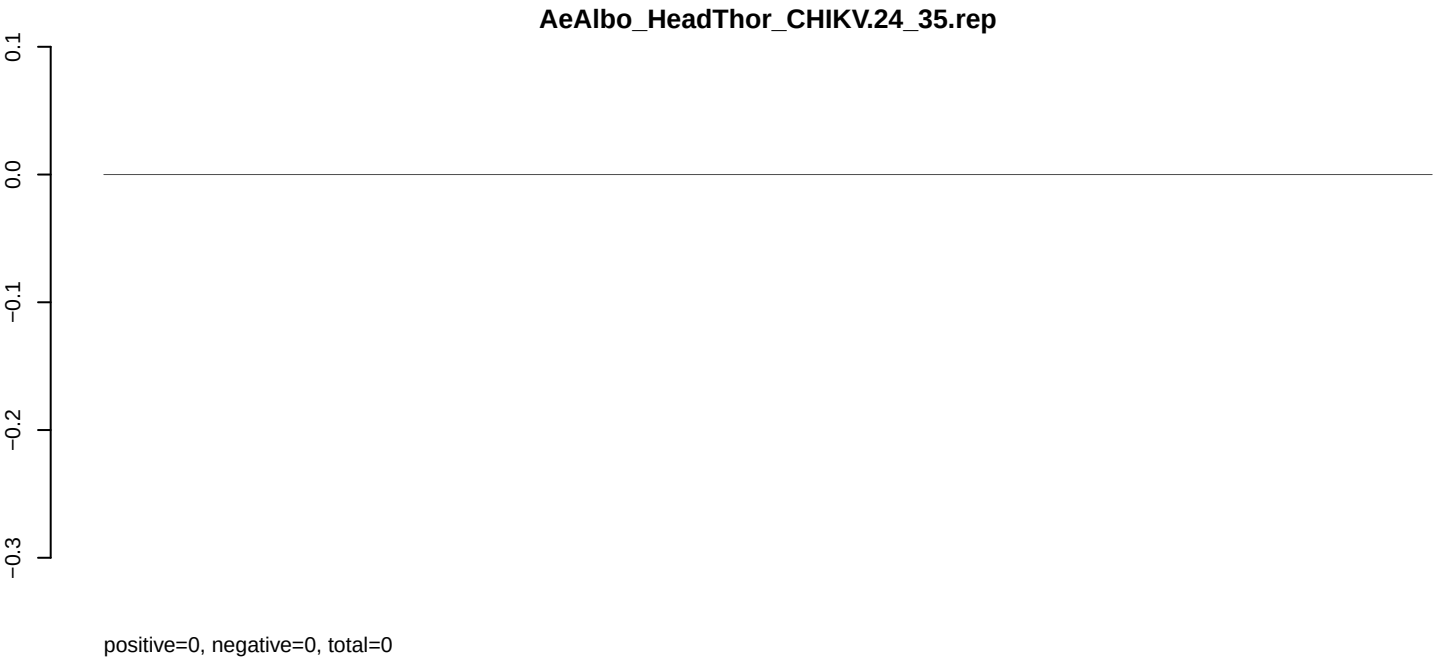

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=2
Window size=25, length=659, TE@rnd−6_family−6234@Unknown:1−659
0
100
200
300
400
500
600
700

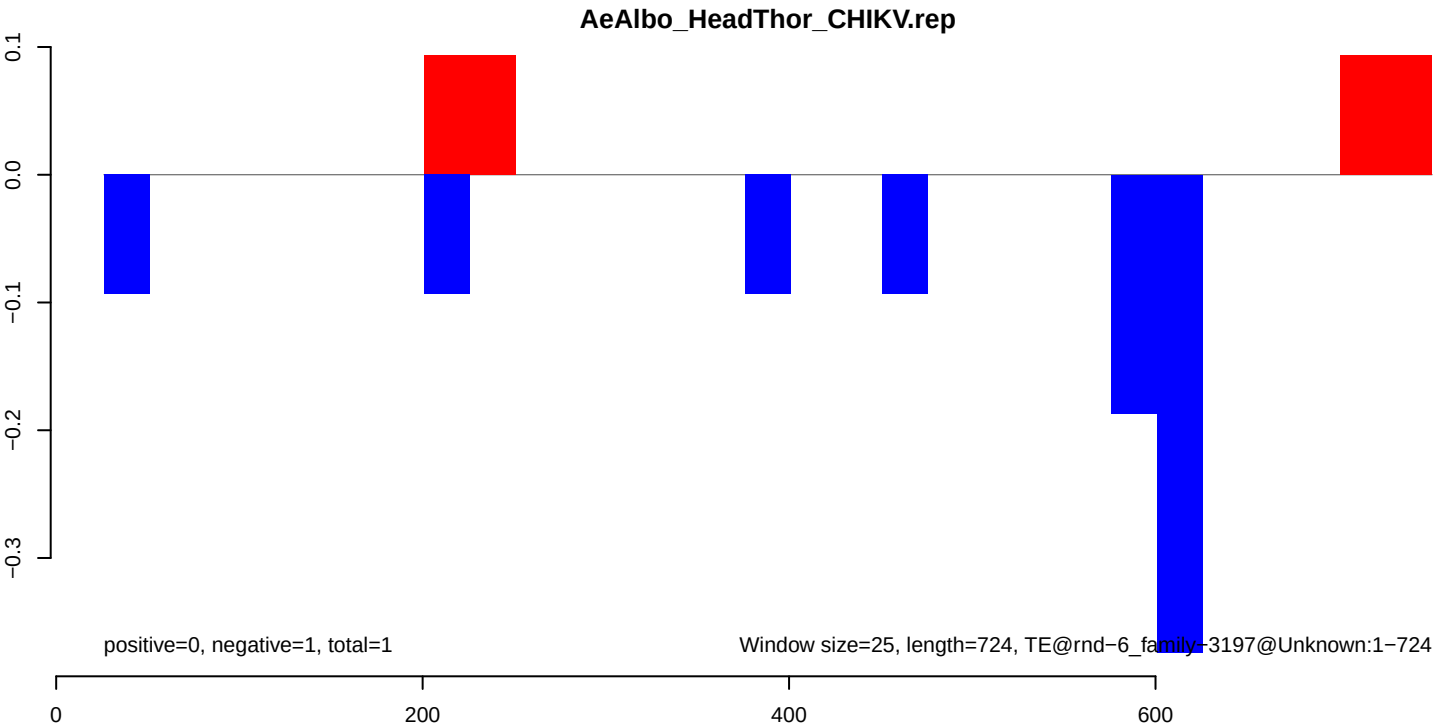

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=1, total=2
Window size=25, length=2224, TE@rnd−6_family−5923@Unknown:1−2224
0
500
1000
1500
2000

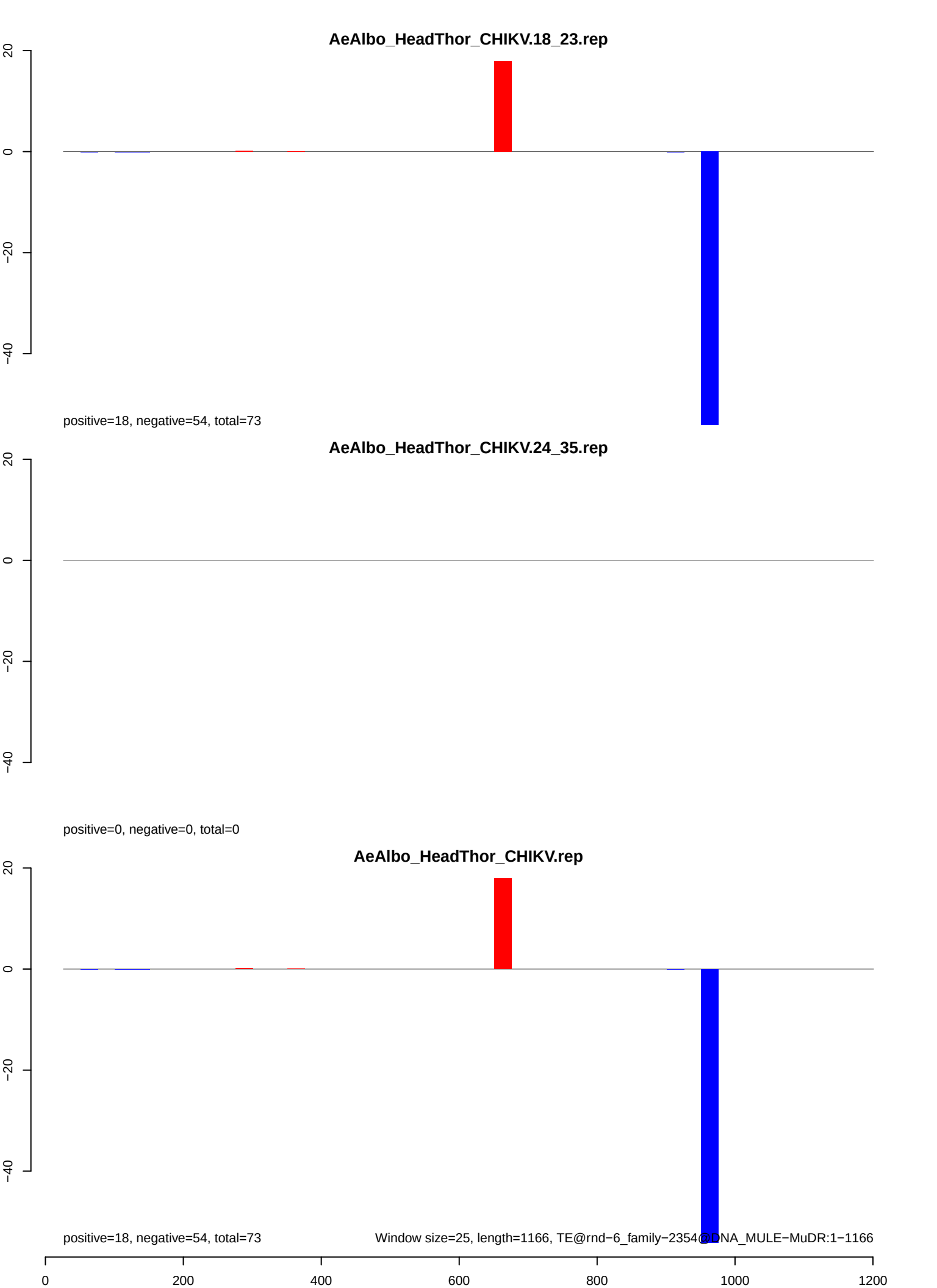

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=2, total=3
Window size=25, length=1071, TE@rnd−6_family−5629@Unknown:1−1071
0
200
400
600
800
1000

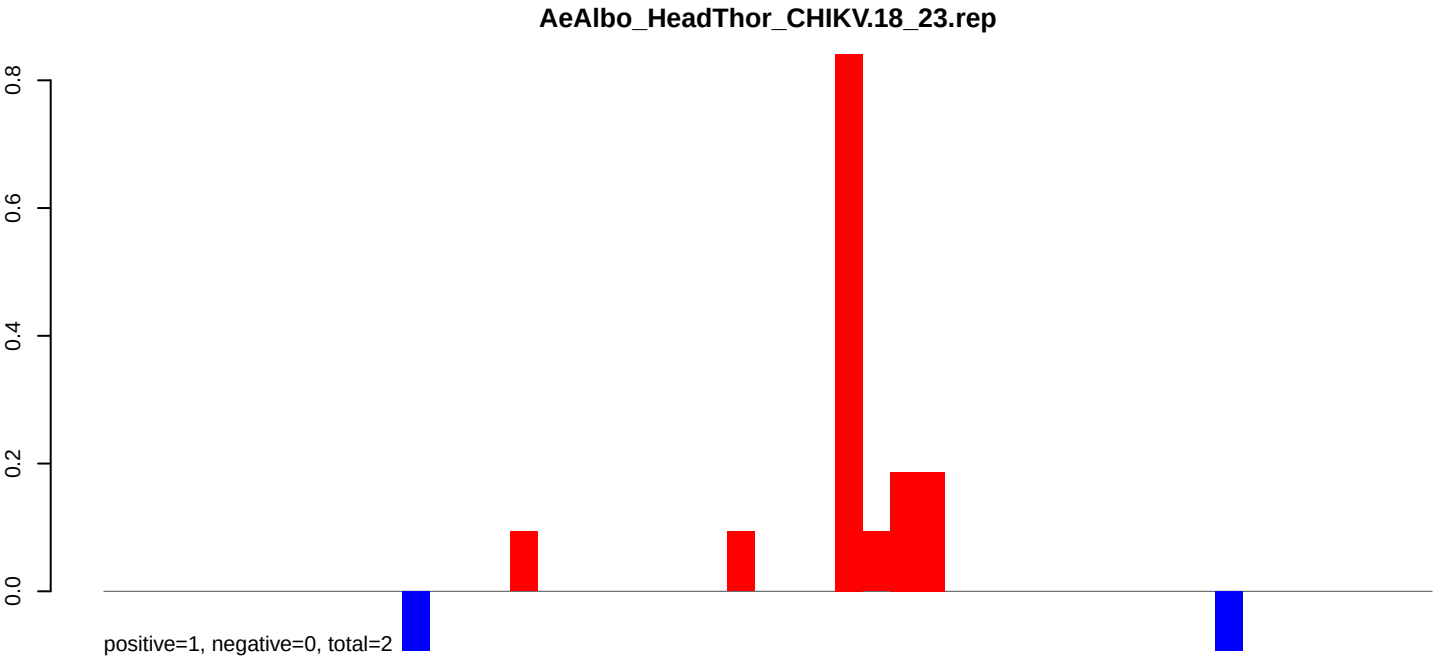

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1343, TE@rnd−6_family−521@DNA_MULE−MuDR:1−1343
0
200
400
600
800
1000
1200
1400

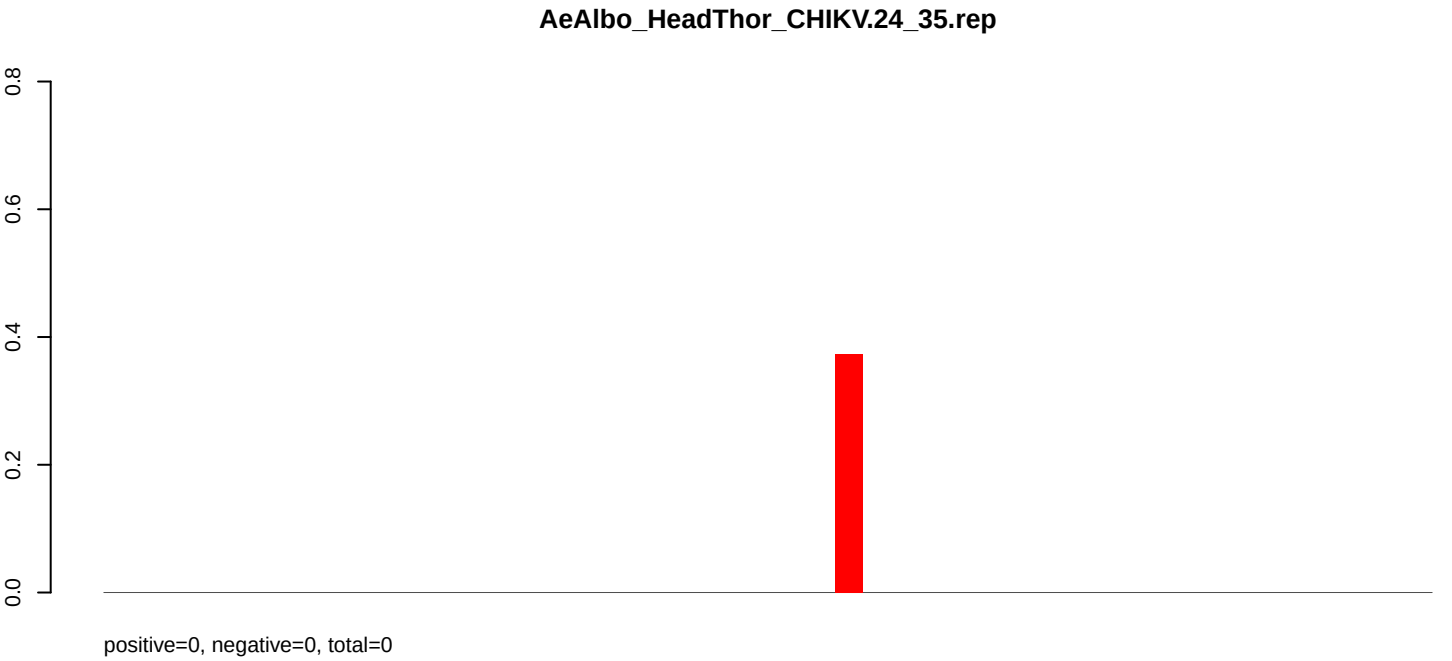

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1

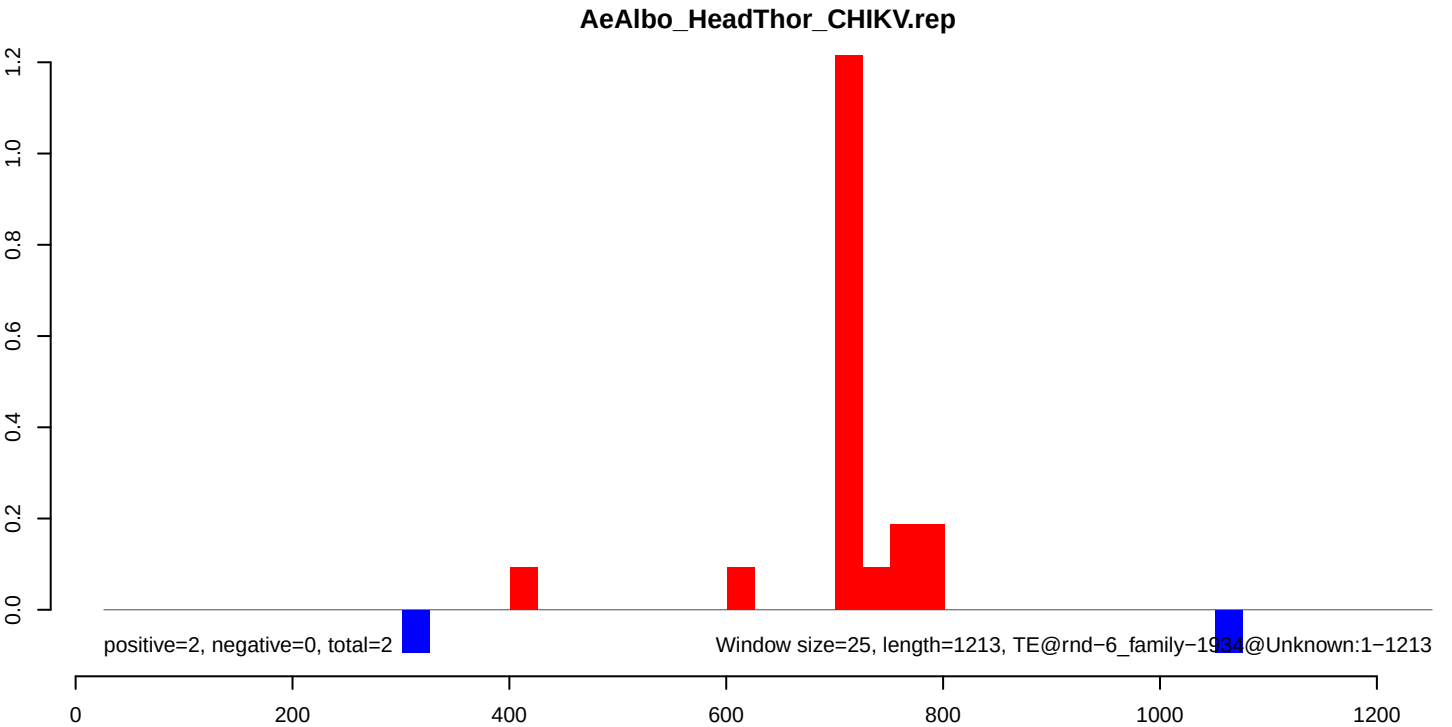

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

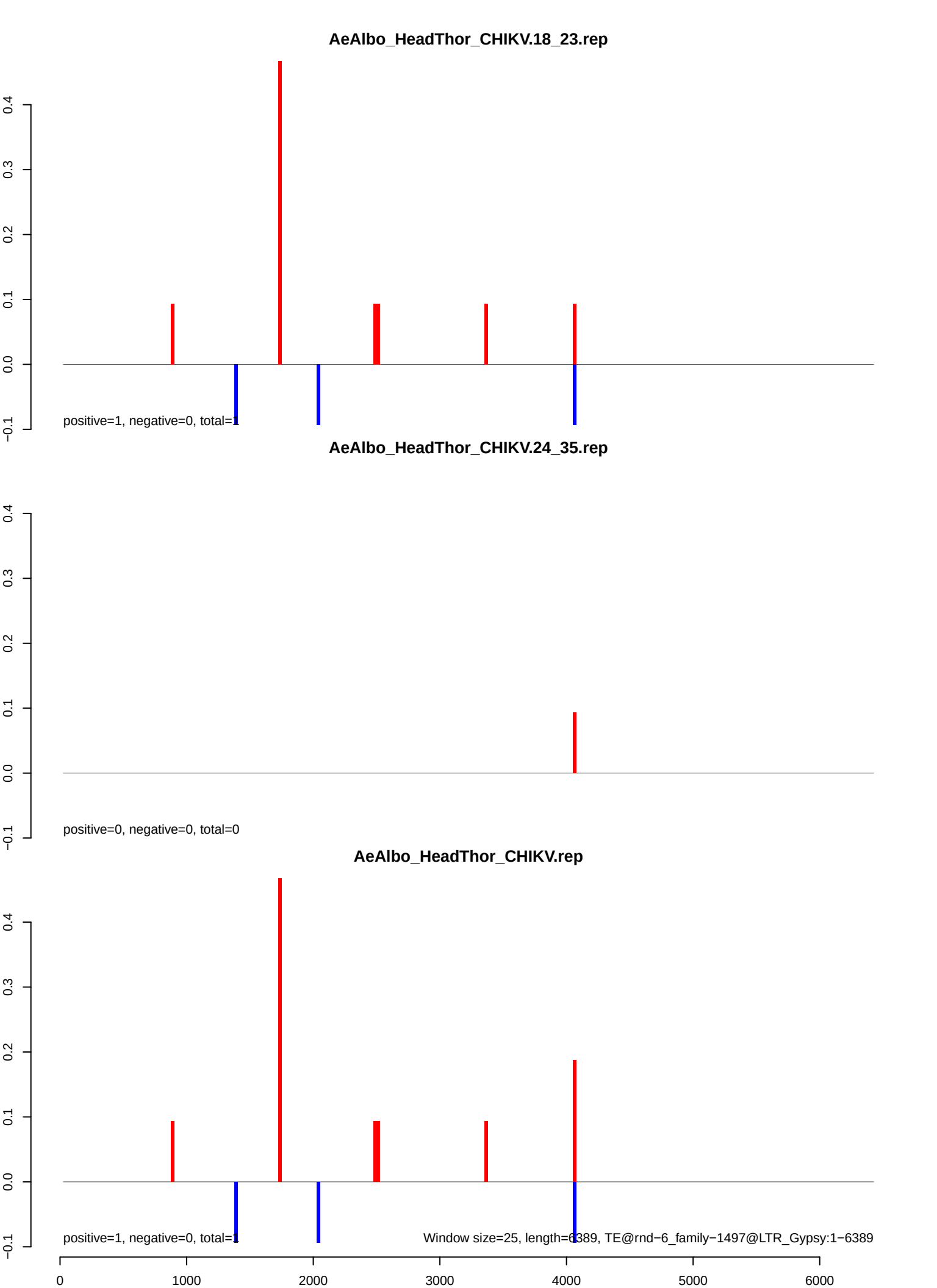

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=724, TE@rnd−6_family−3197@Unknown:1−724
0
200
400
600

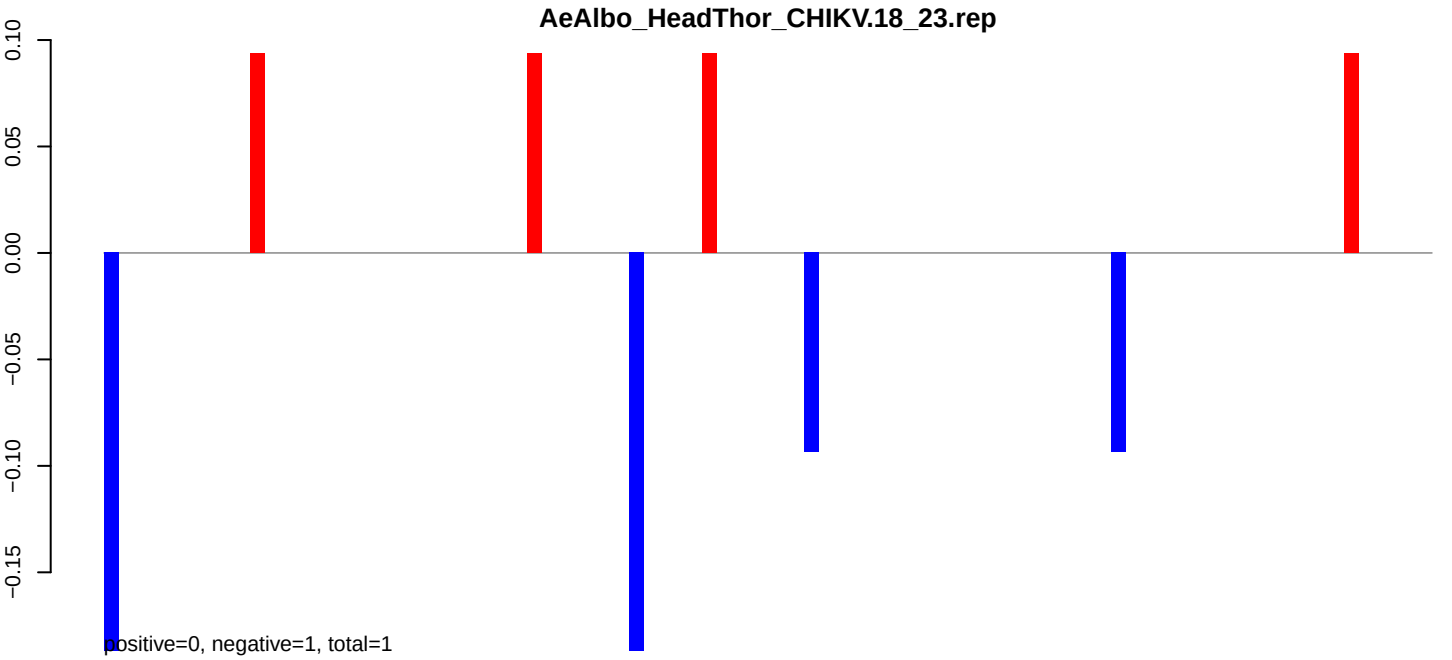

AeAlbo_HeadThor_CHIKV.18_23.rep
20
0
−20
−40
positive=18, negative=54, total=73
AeAlbo_HeadThor_CHIKV.24_35.rep
20
0
−20
−40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
20
0
−20
−40
positive=18, negative=54, total=73
Window size=25, length=1166, TE@rnd−6_family−2354@DNA_MULE−MuDR:1−1166
0
200
400
600
800
1000
1200


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=2

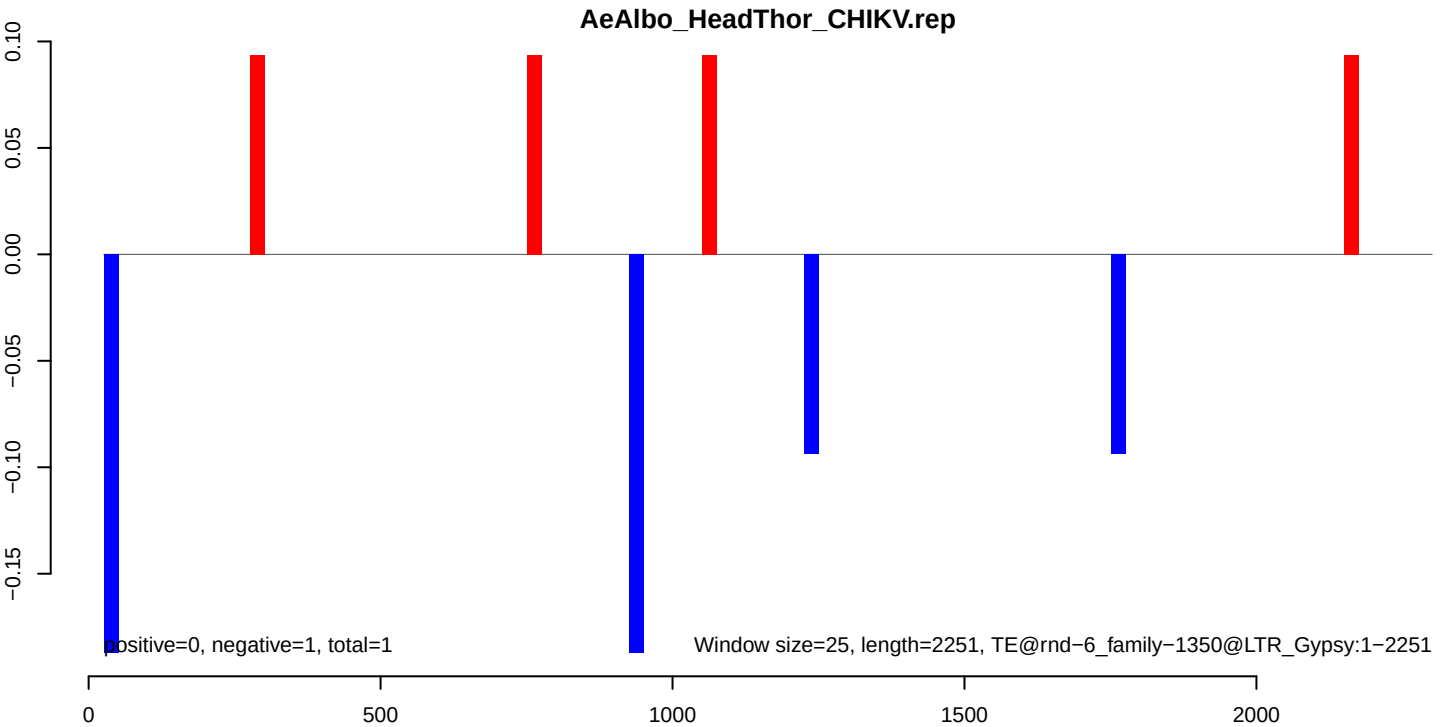

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0

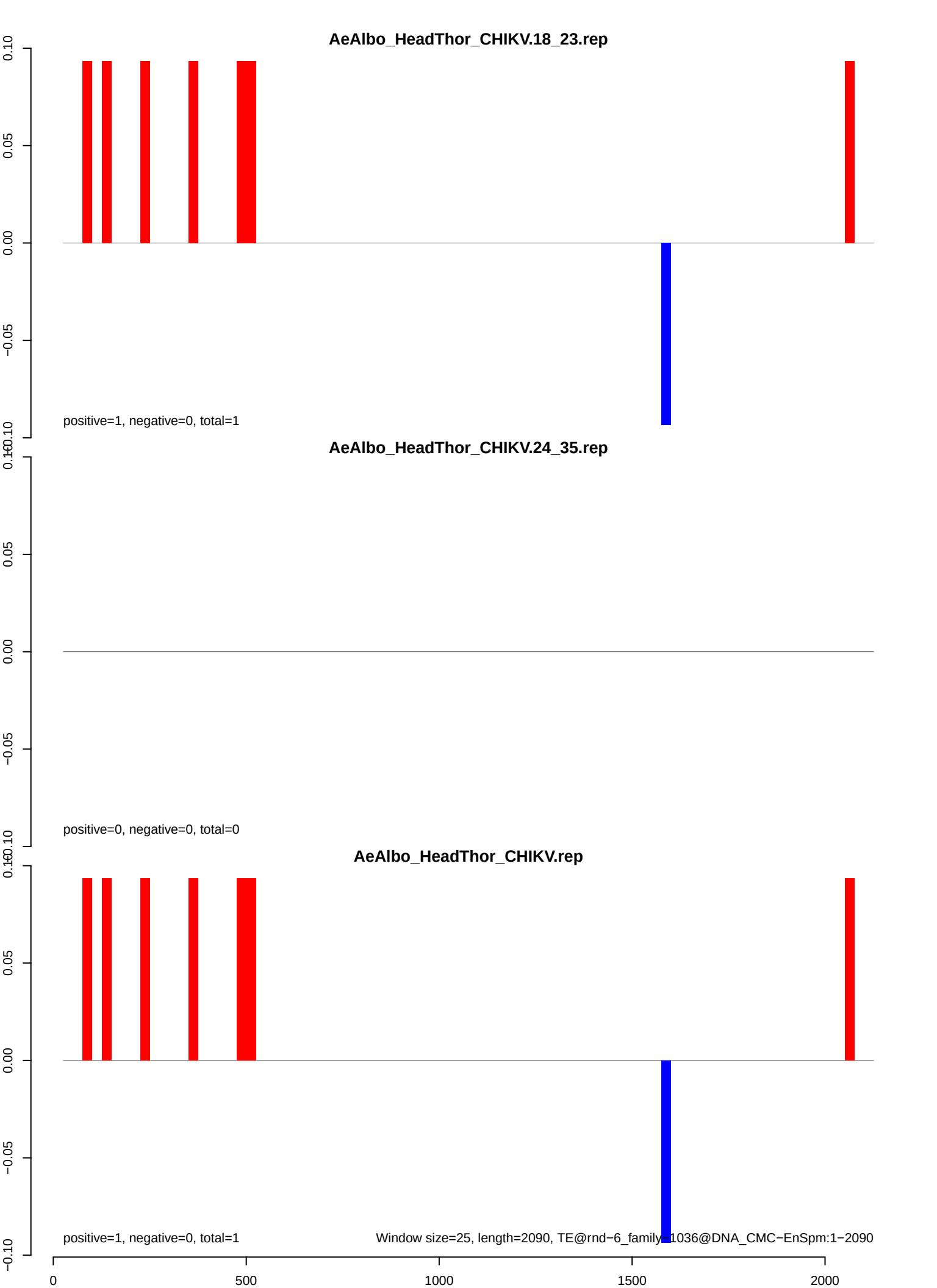

AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=2, negative=0, total=2
Window size=25, length=1213, TE@rnd−6_family−1934@Unknown:1−1213
0
200
400
600
800
1000
1200

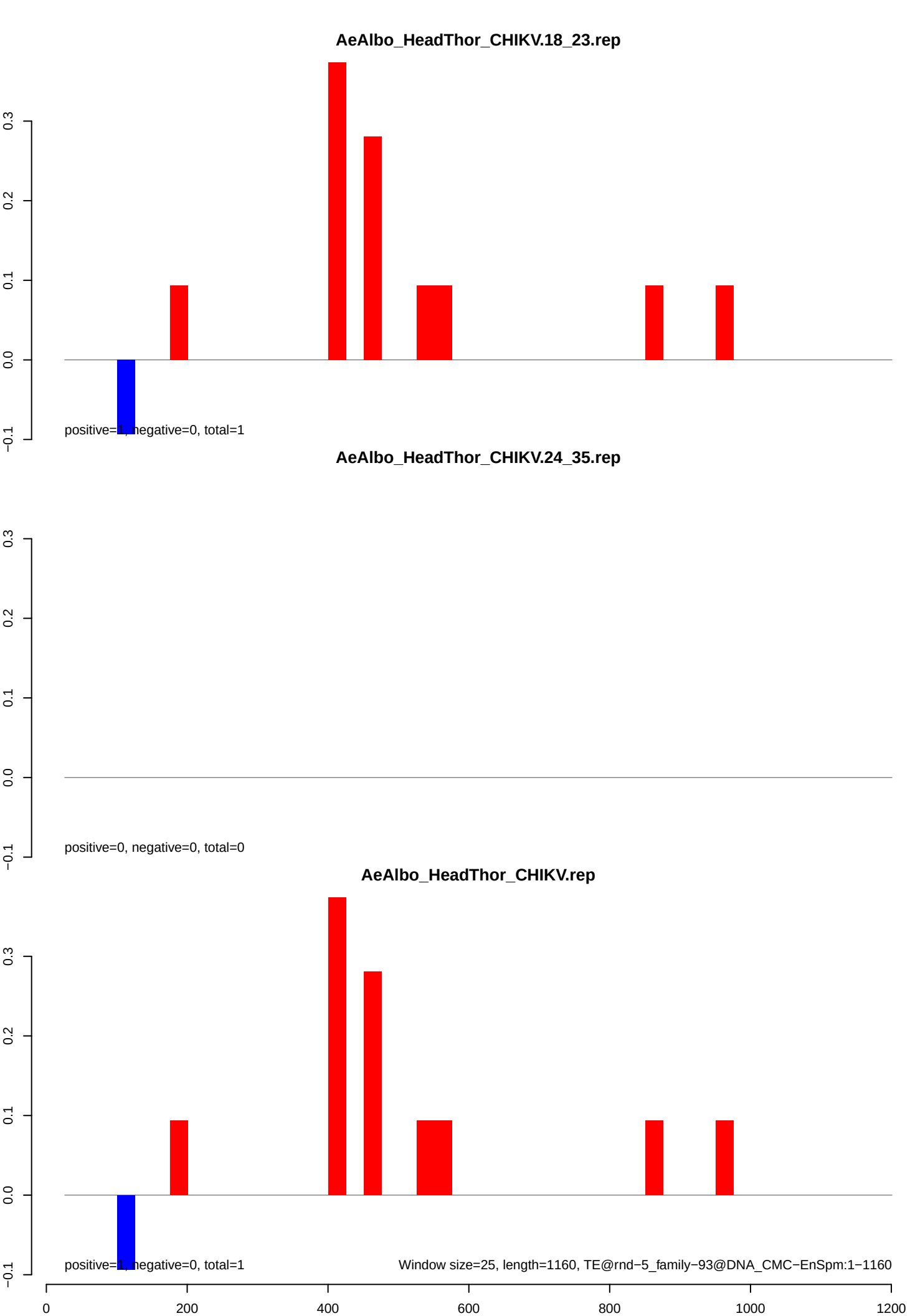

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=6389, TE@rnd−6_family−1497@LTR_Gypsy:1−6389
0.4
0.3
0.2
0.1
0.0
−0.1
0
1000
2000
3000
4000
5000
6000

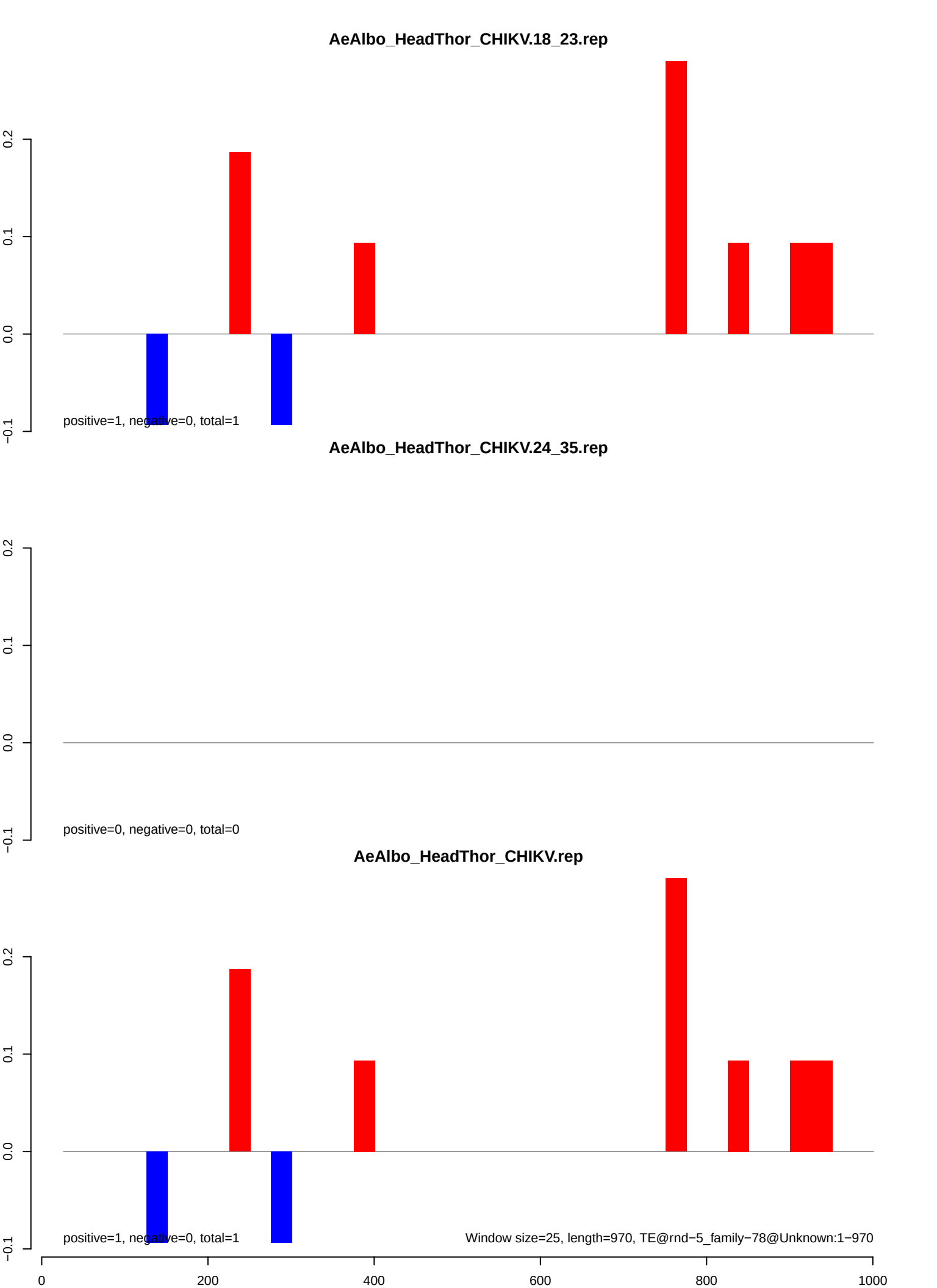

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1

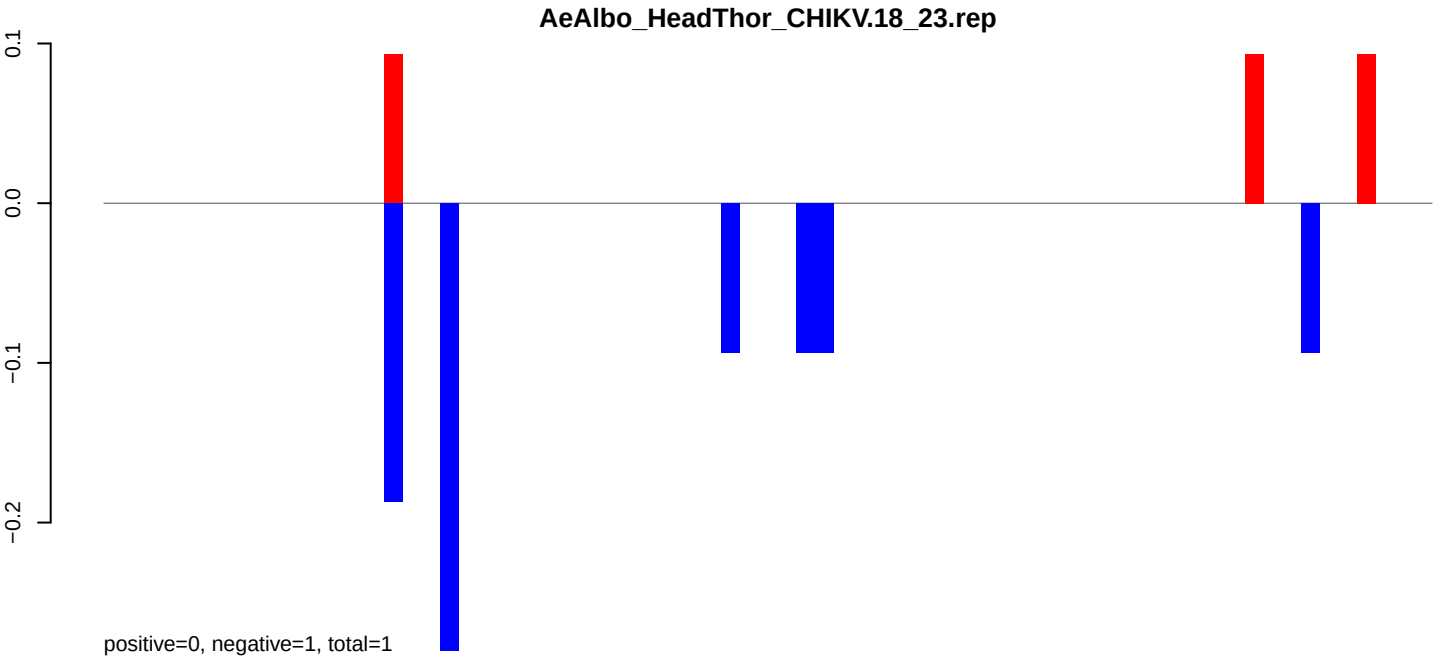
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

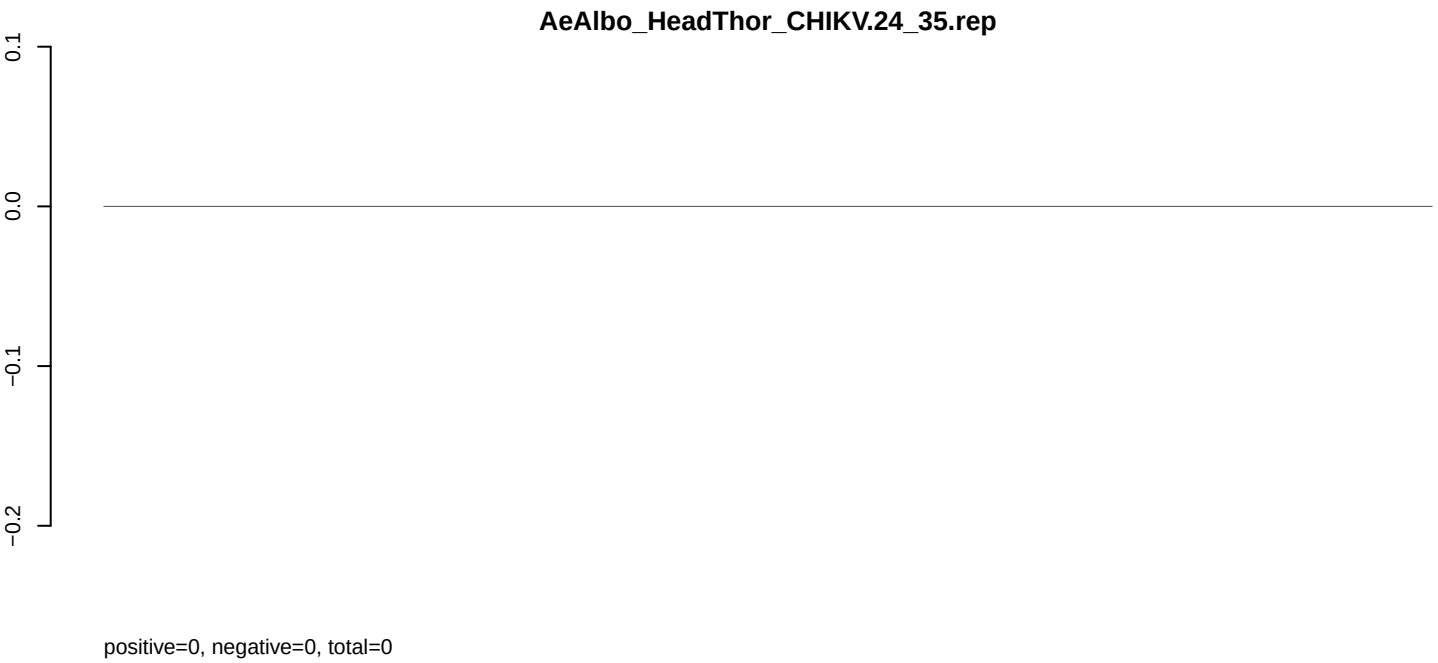

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=2251, TE@rnd−6_family−1350@LTR_Gypsy:1−2251
0
500
1000
1500
2000

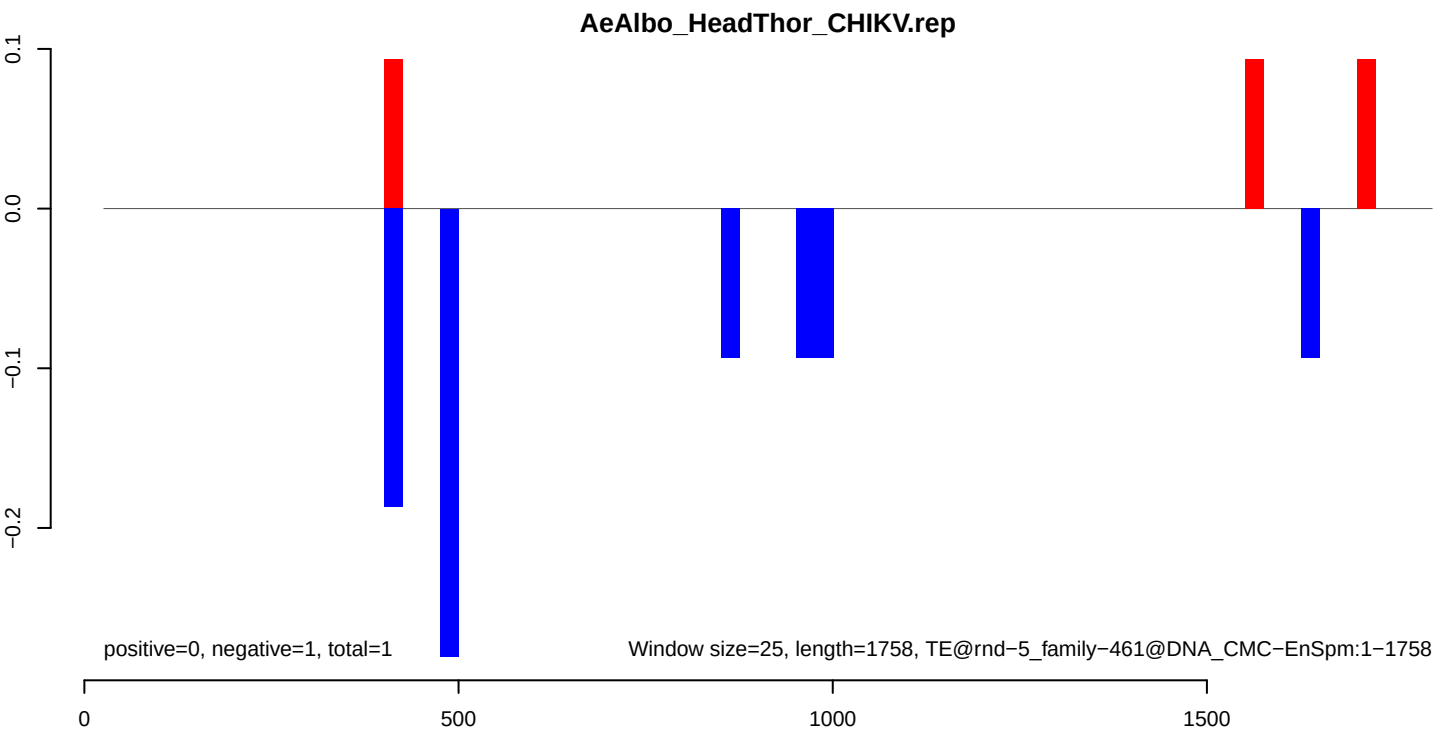

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=2090, TE@rnd−6_family−1036@DNA_CMC−EnSpm:1−2090
0
500
1000
1500
2000

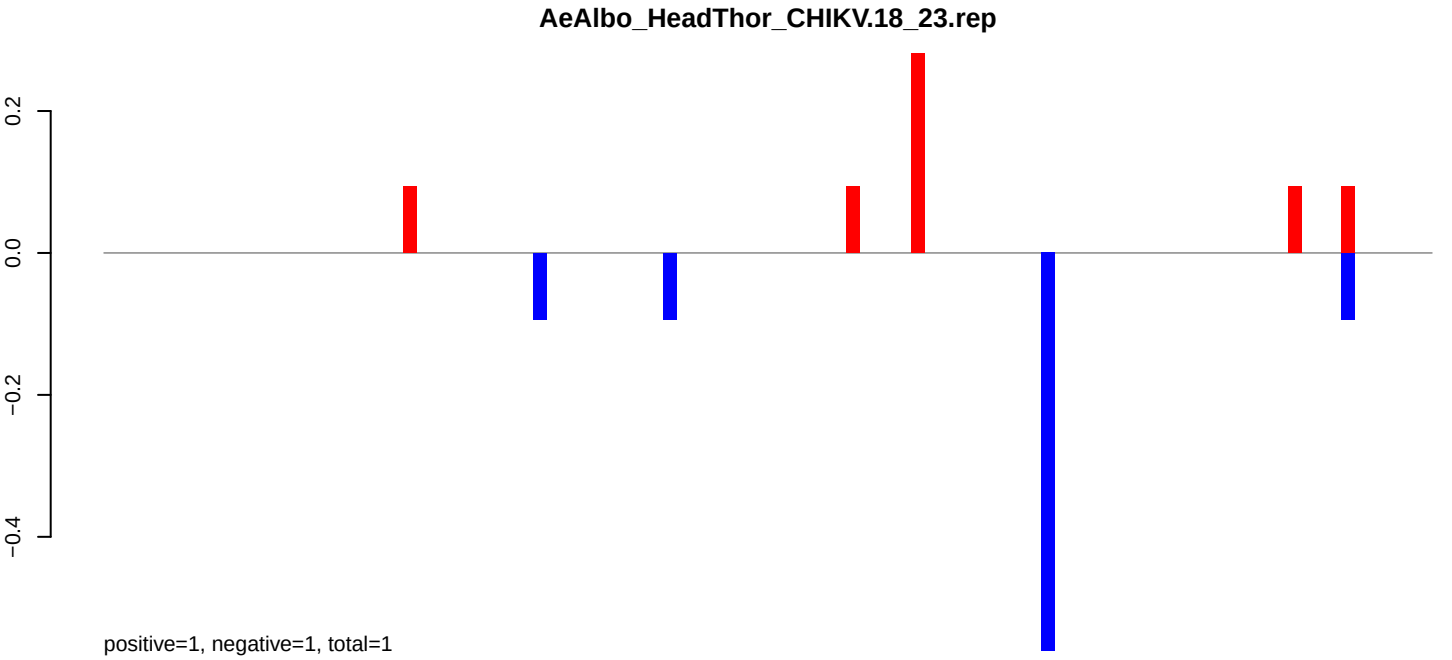

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1160, TE@rnd−5_family−93@DNA_CMC−EnSpm:1−1160
0
200
400
600
800
1000
1200


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=970, TE@rnd−5_family−78@Unknown:1−970
0
200
400
600
800
1000

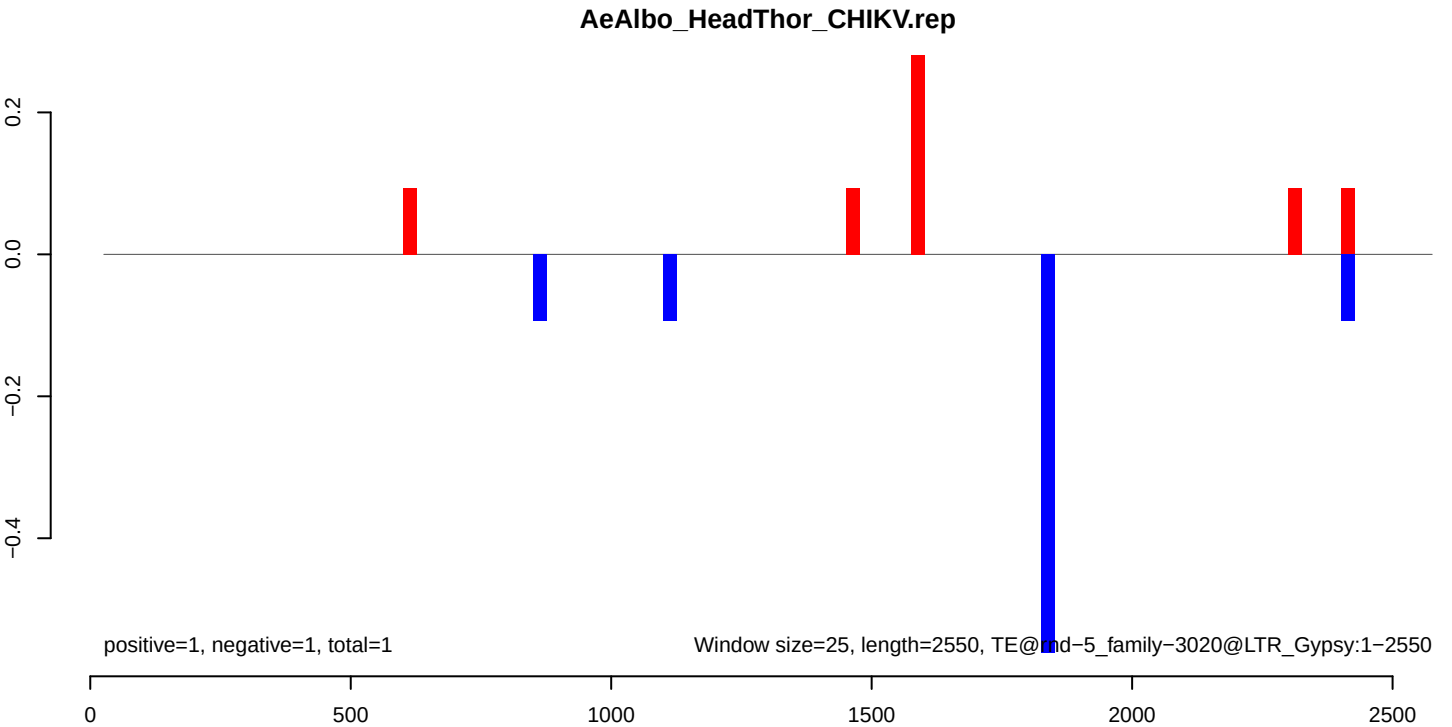

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

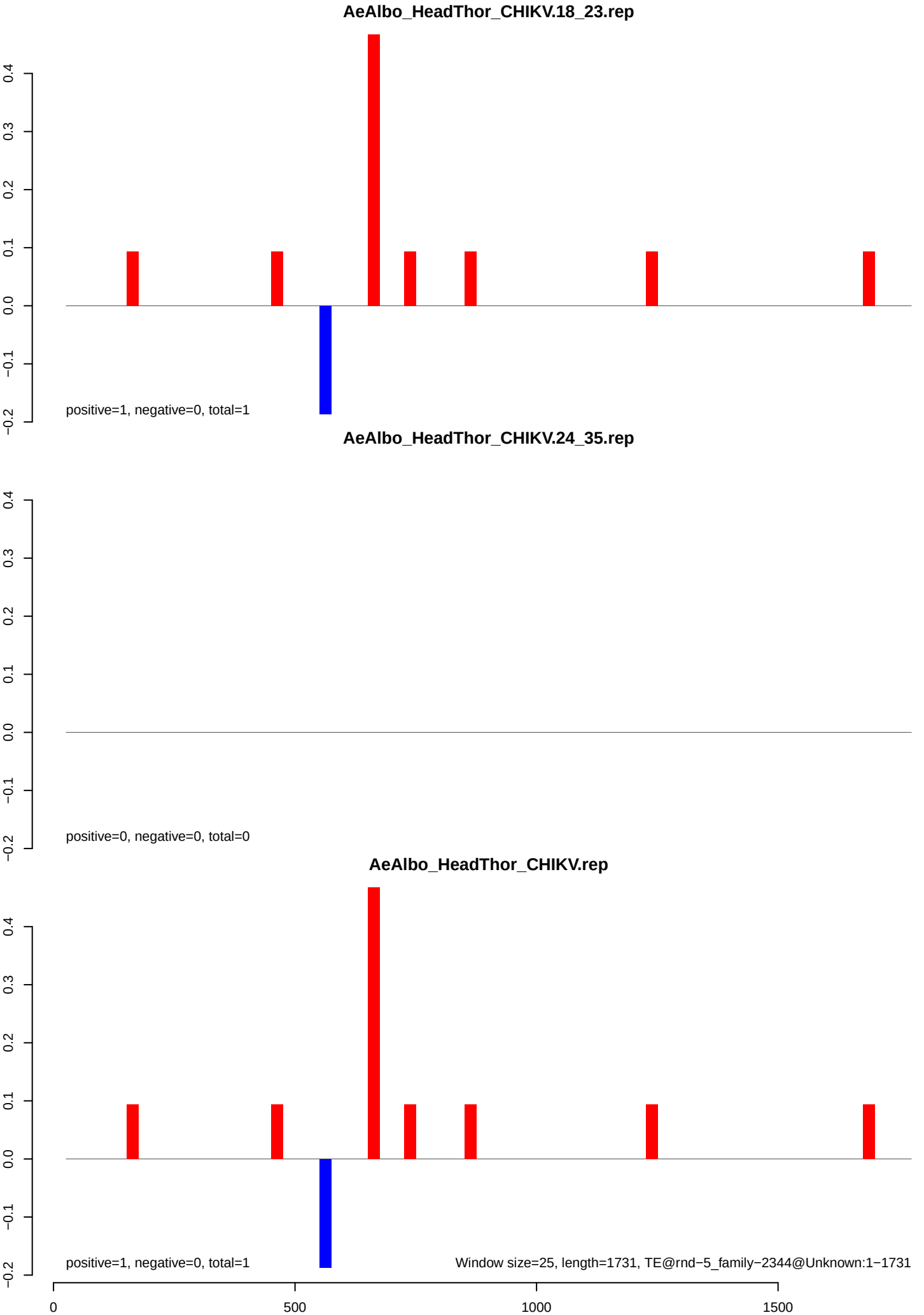

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

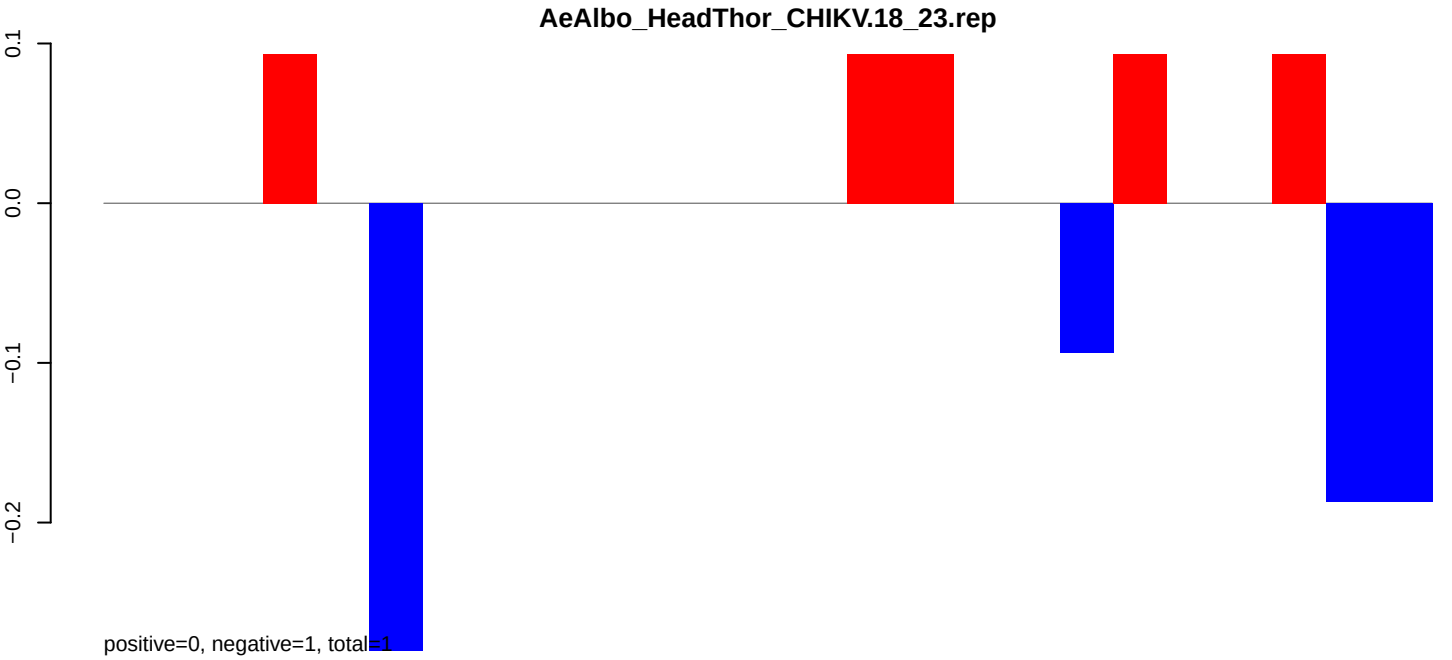

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=1758, TE@rnd−5_family−461@DNA_CMC−EnSpm:1−1758
0
500
1000
1500

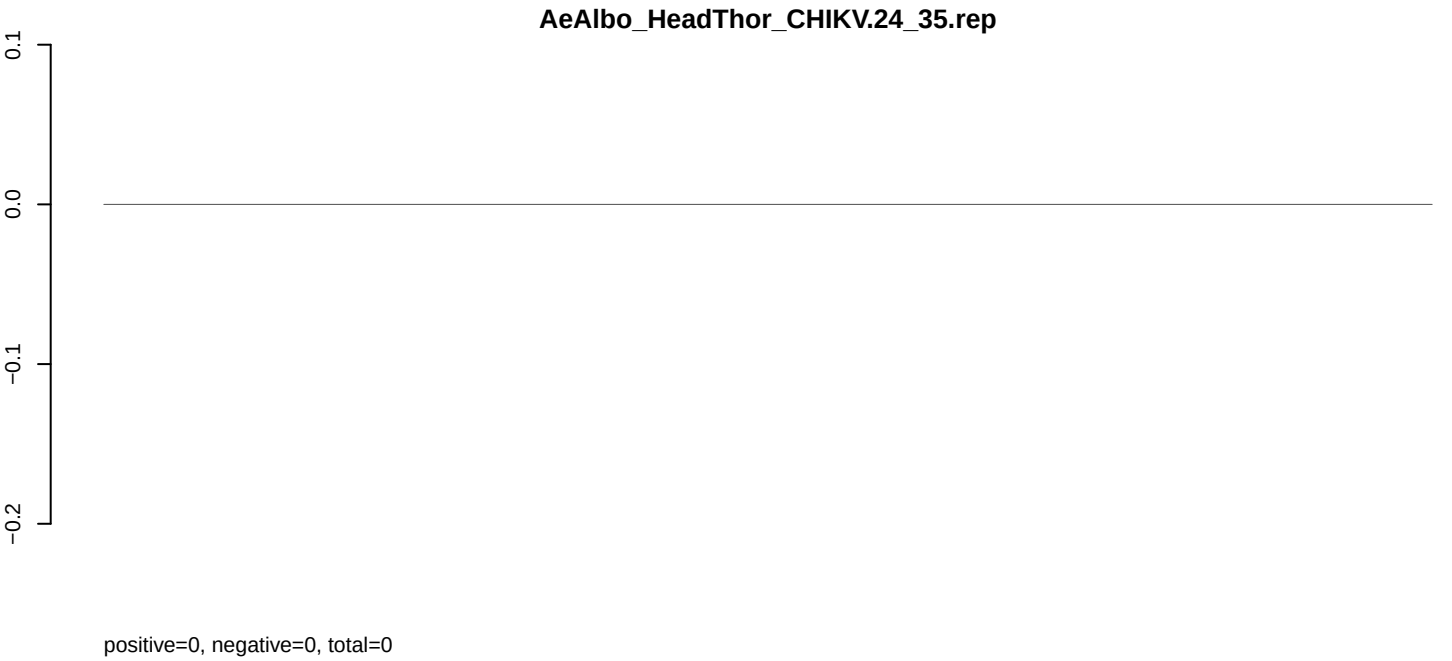

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=1

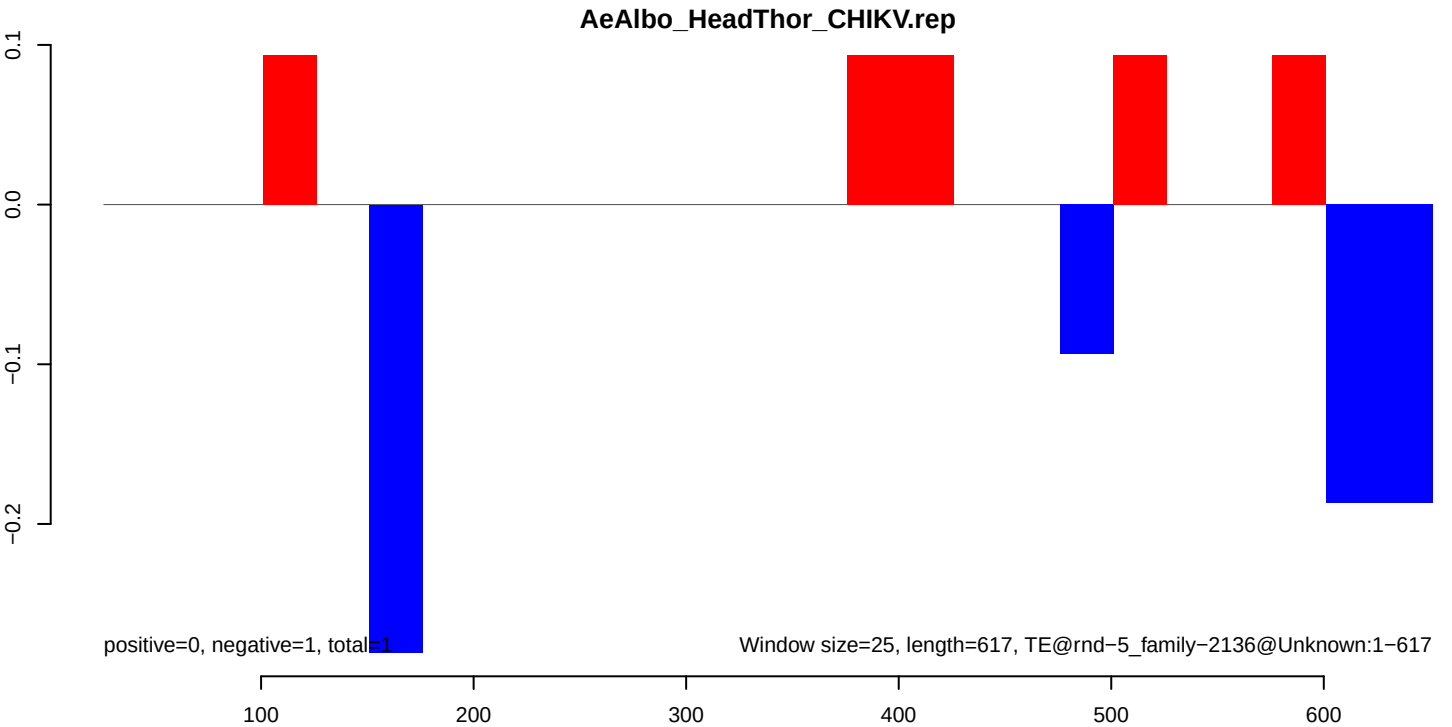
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

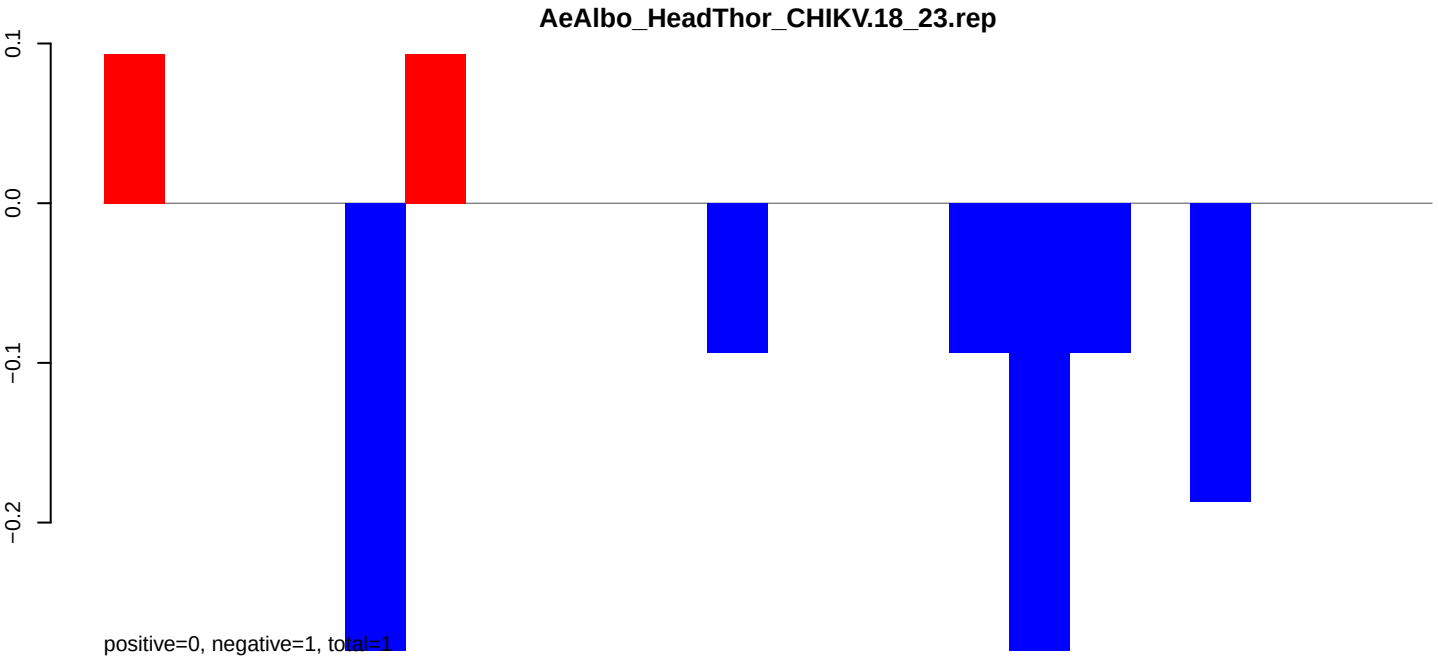

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=1
Window size=25, length=2550, TE@rnd−5_family−3020@LTR_Gypsy:1−2550
0
500
1000
1500
2000
2500

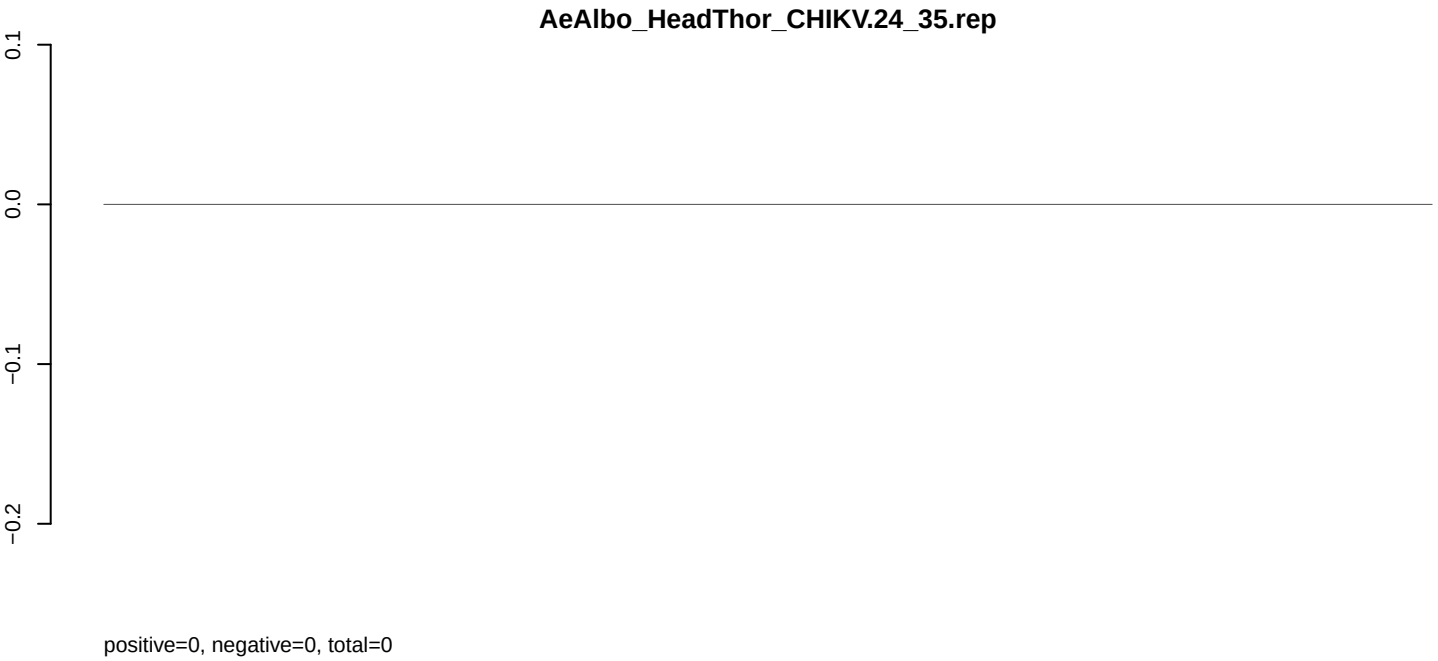

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1731, TE@rnd−5_family−2344@Unknown:1−1731
0
500
1000
1500

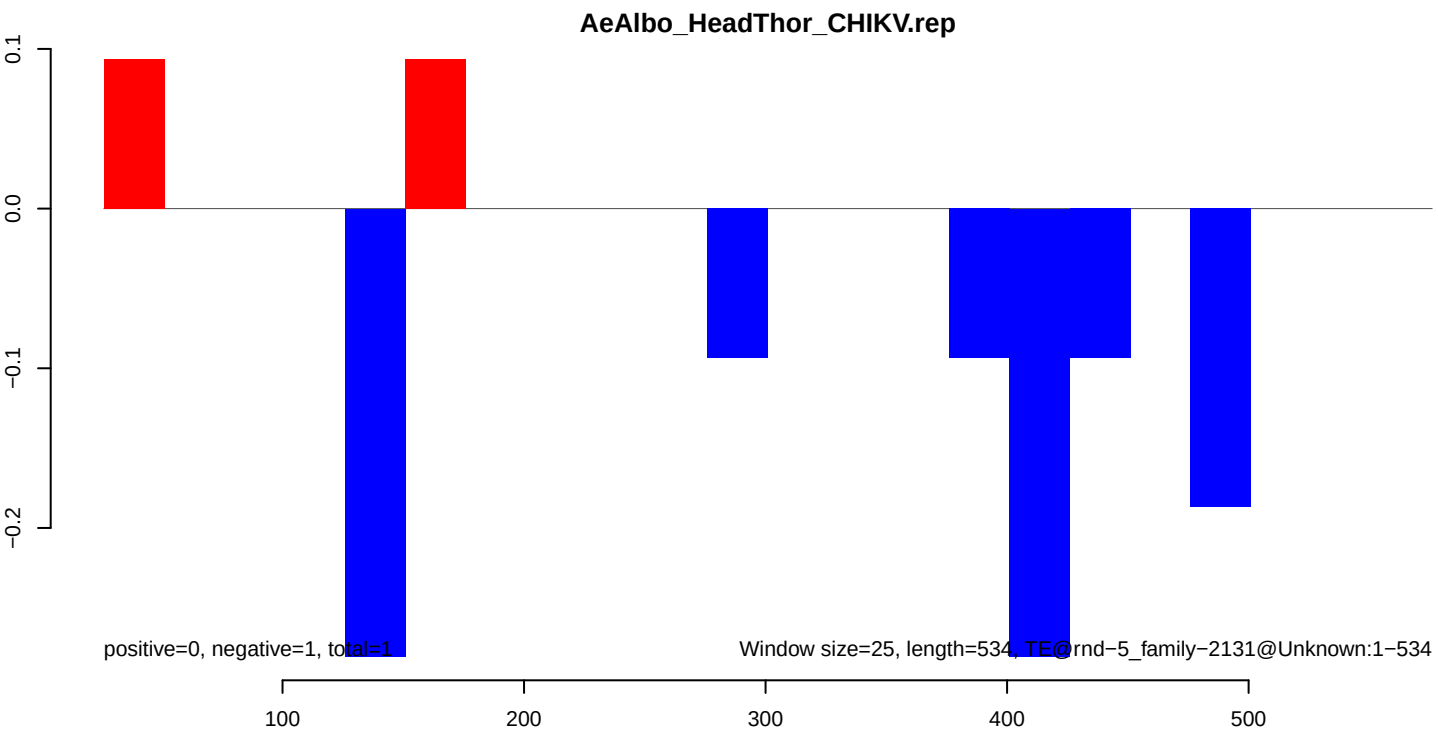

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

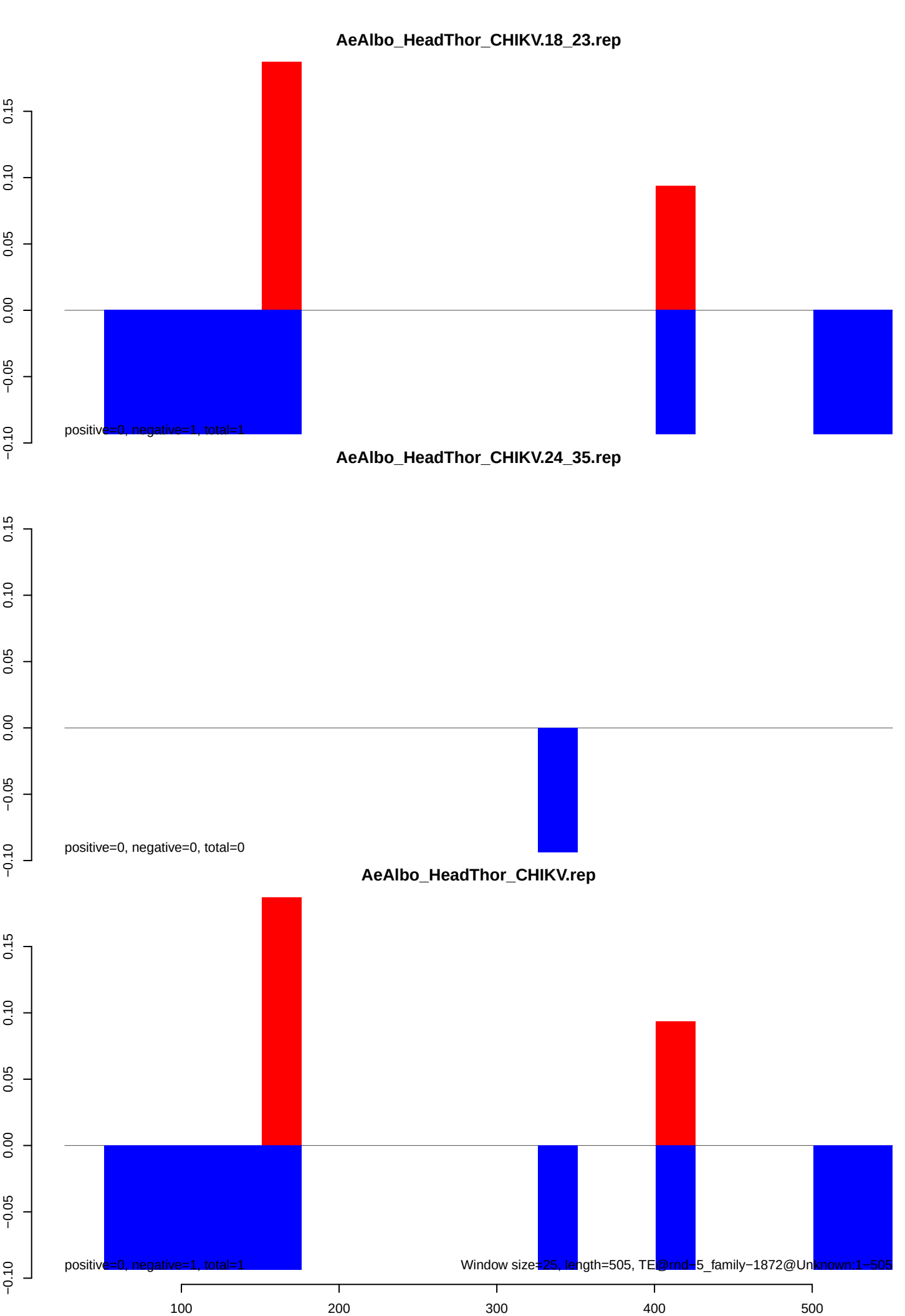

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

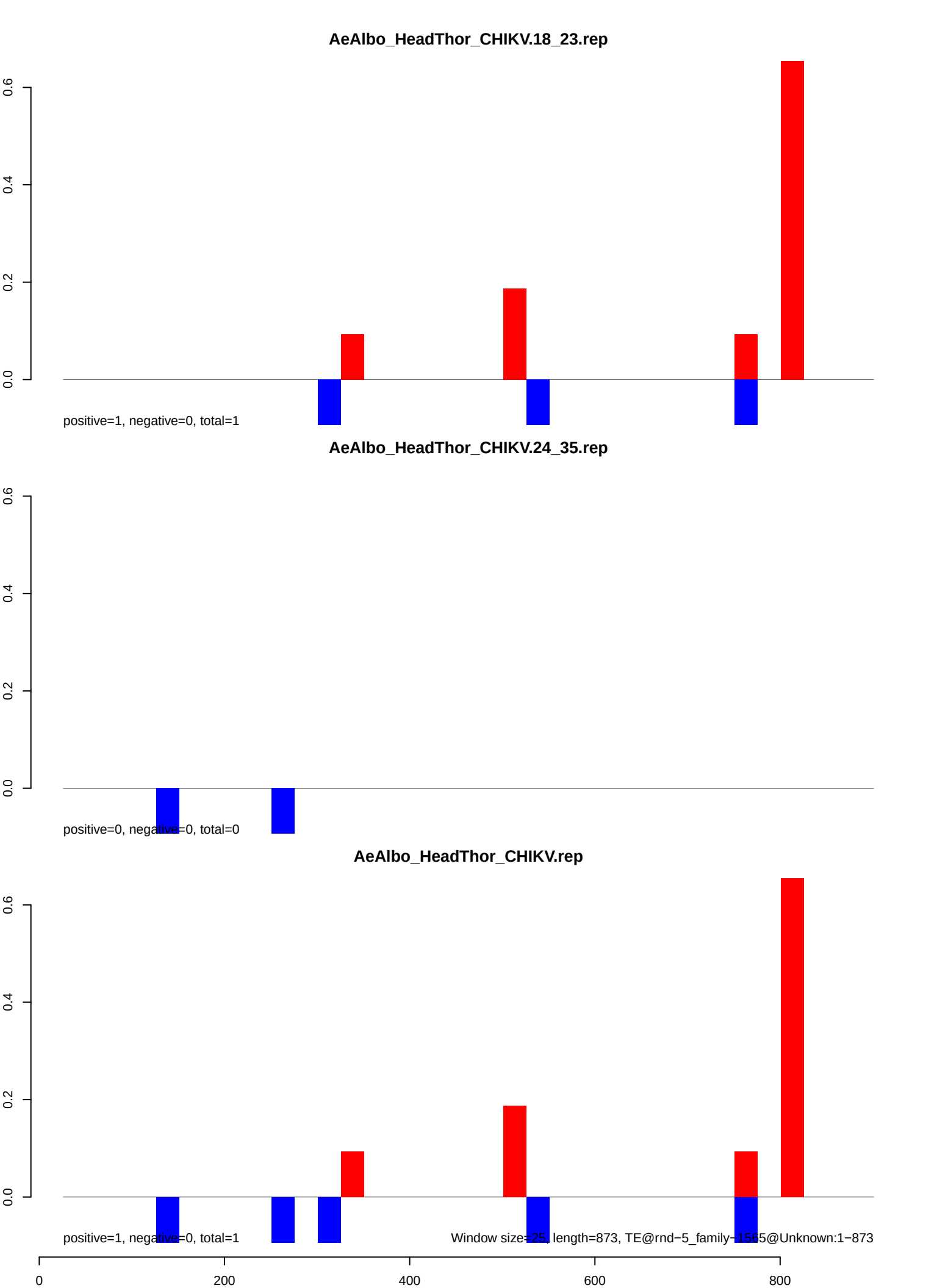

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=617, TE@rnd−5_family−2136@Unknown:1−617
100
200
300
400
500
600

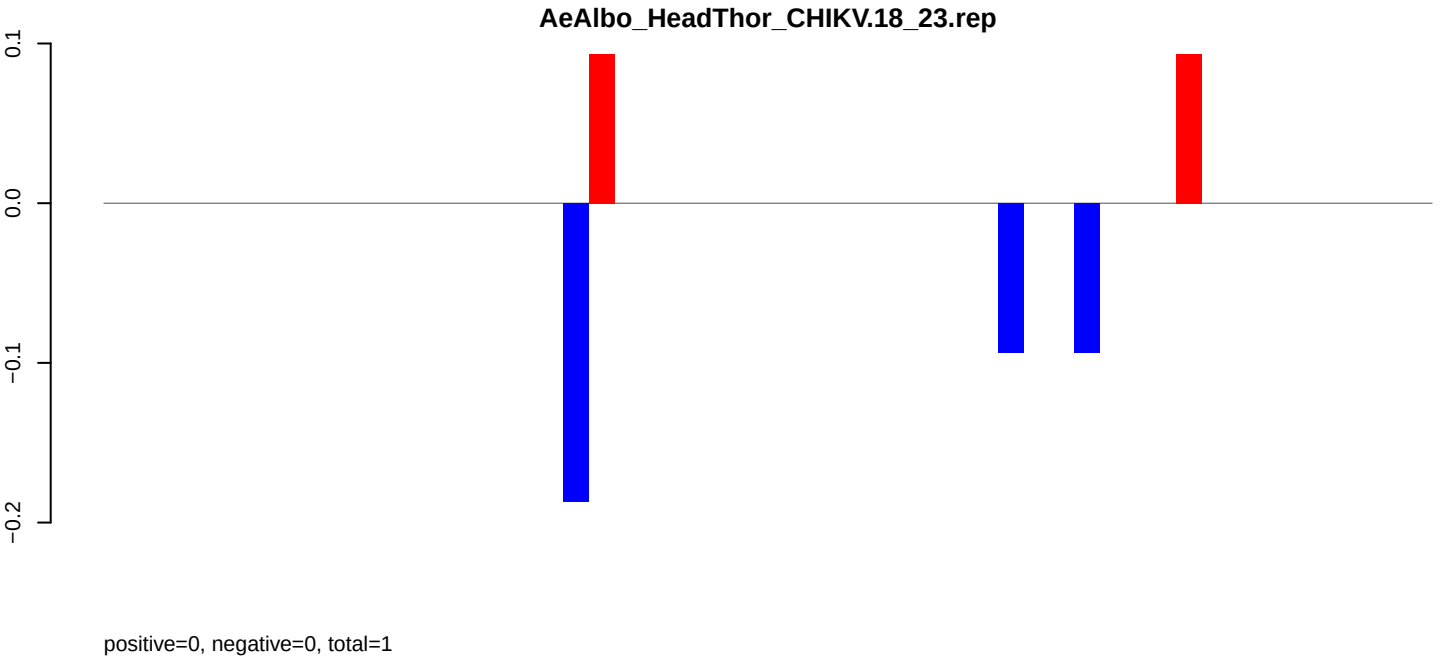

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

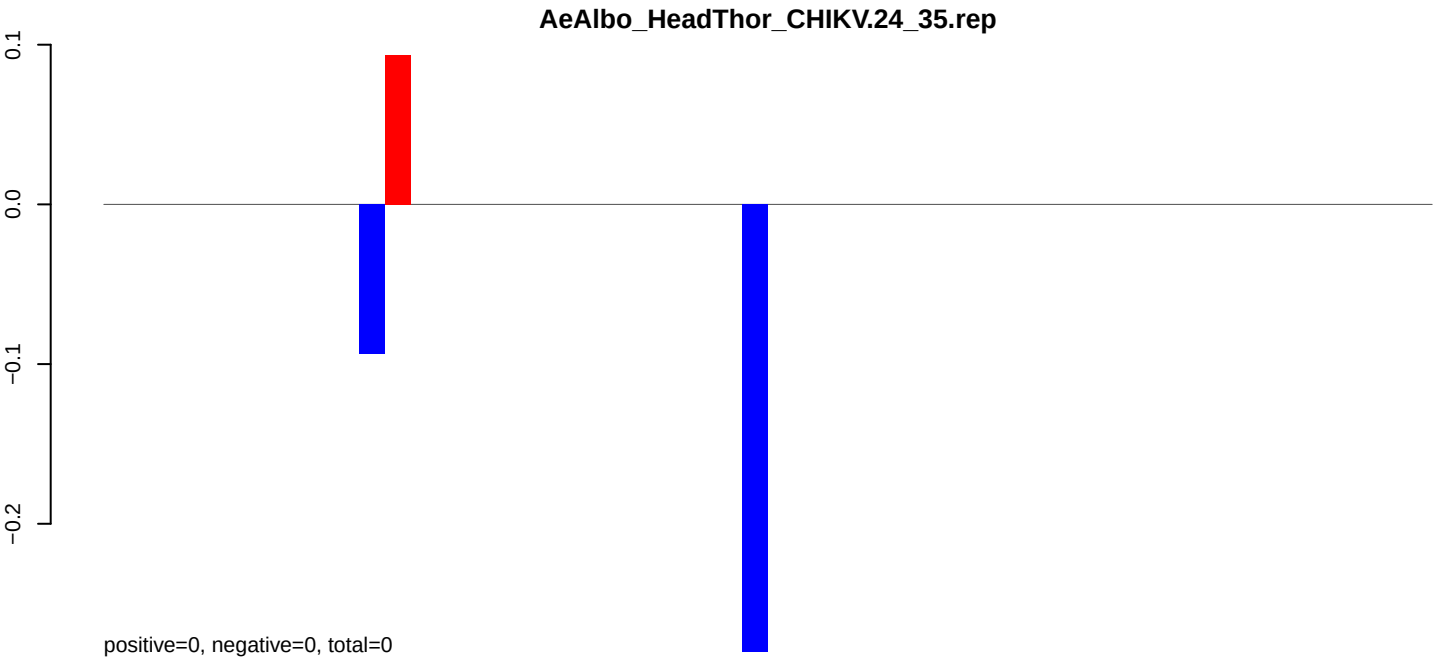

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

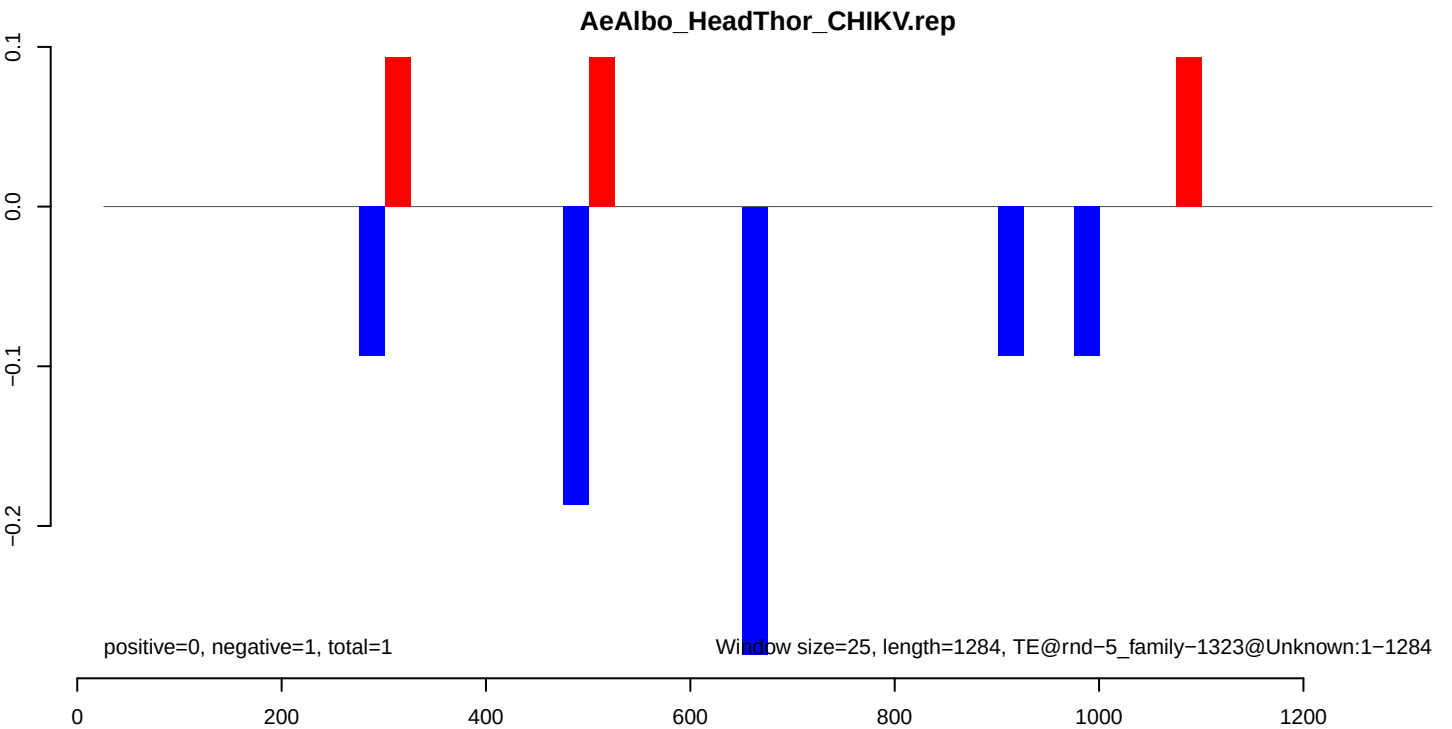

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=534, TE@rnd−5_family−2131@Unknown:1−534
100
200
300
400
500

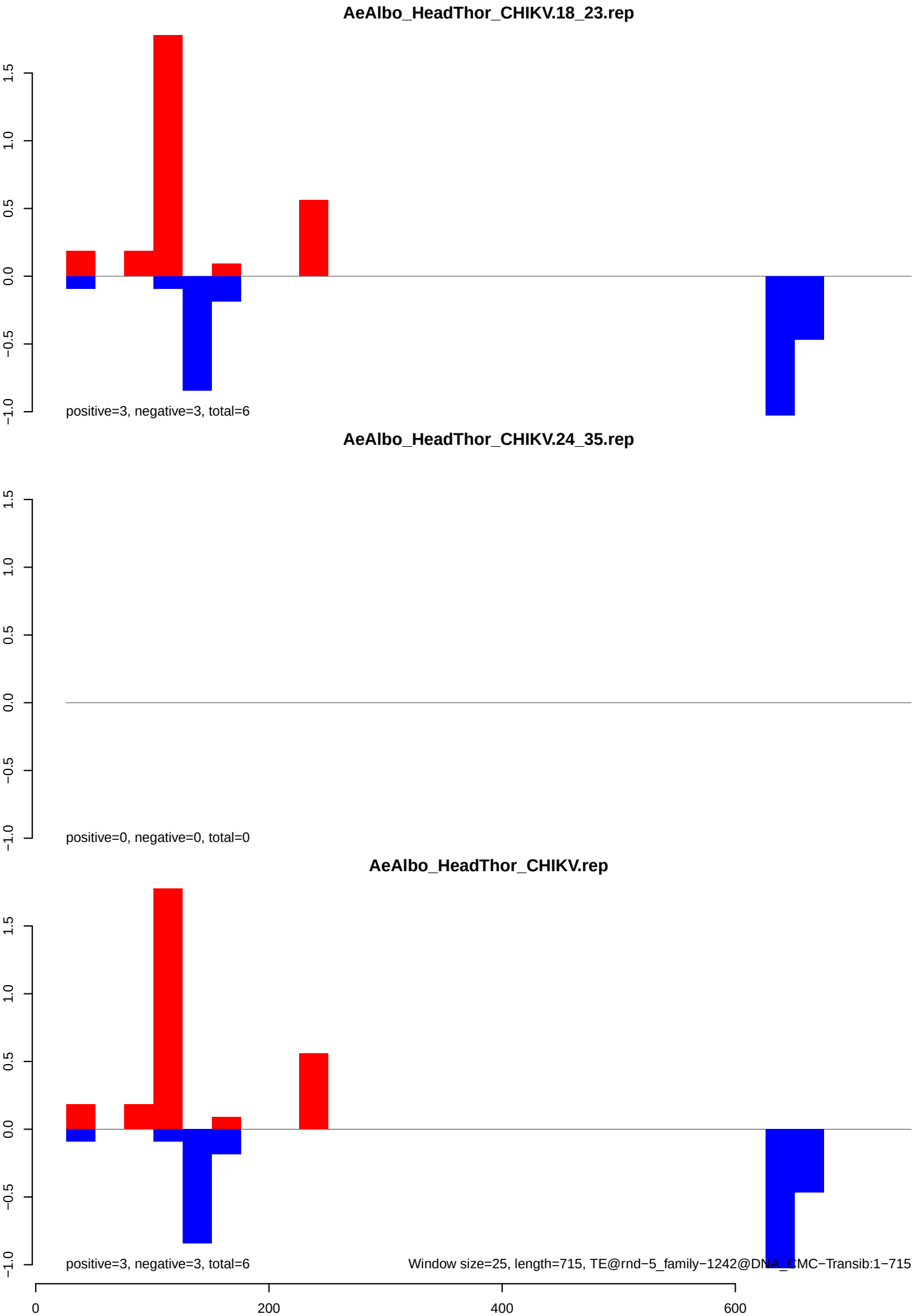

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=505, TE@rnd−5_family−1872@Unknown:1−505
100
200
300
400
500

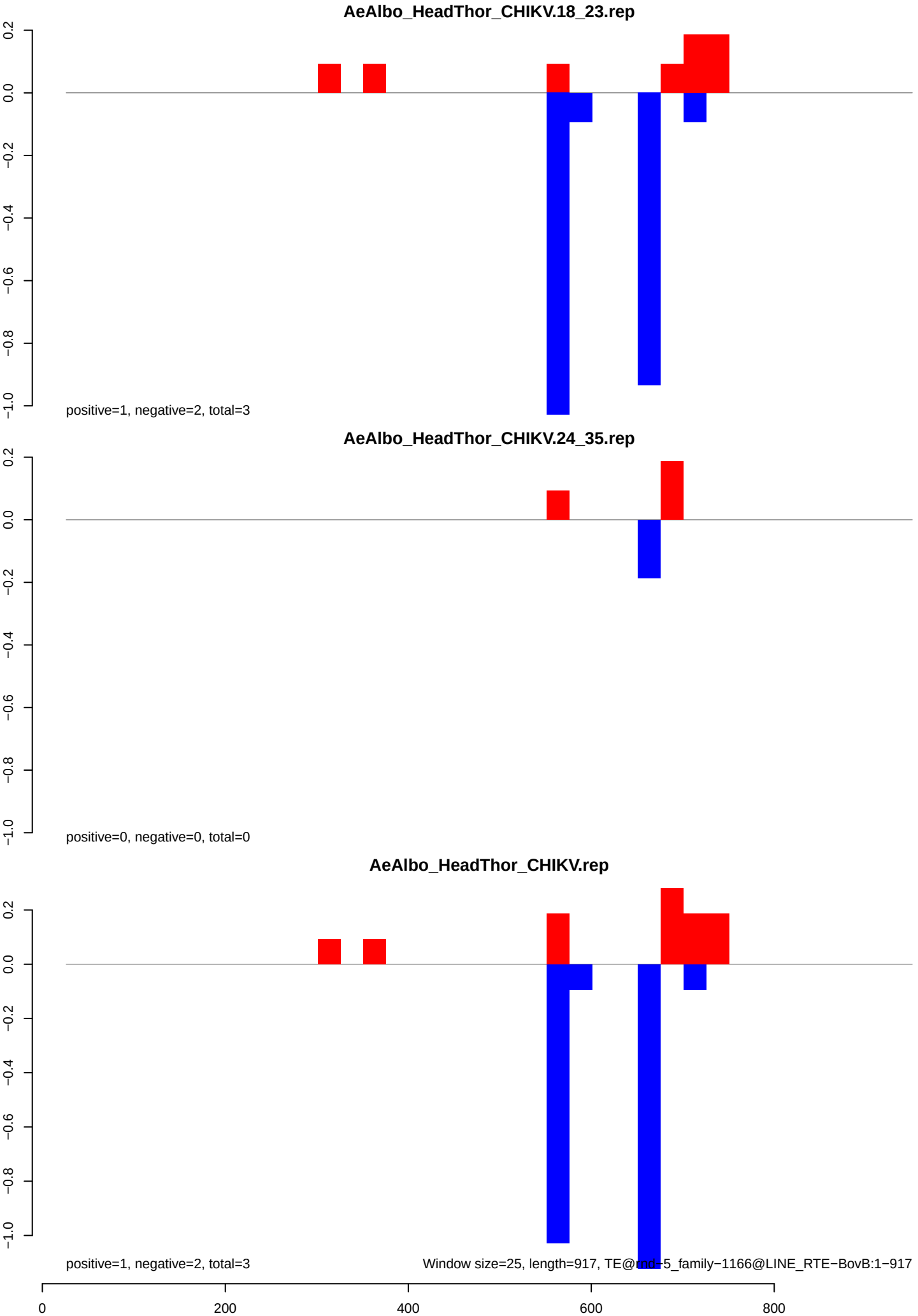

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=873, TE@rnd−5_family−1565@Unknown:1−873
0
200
400
600
800

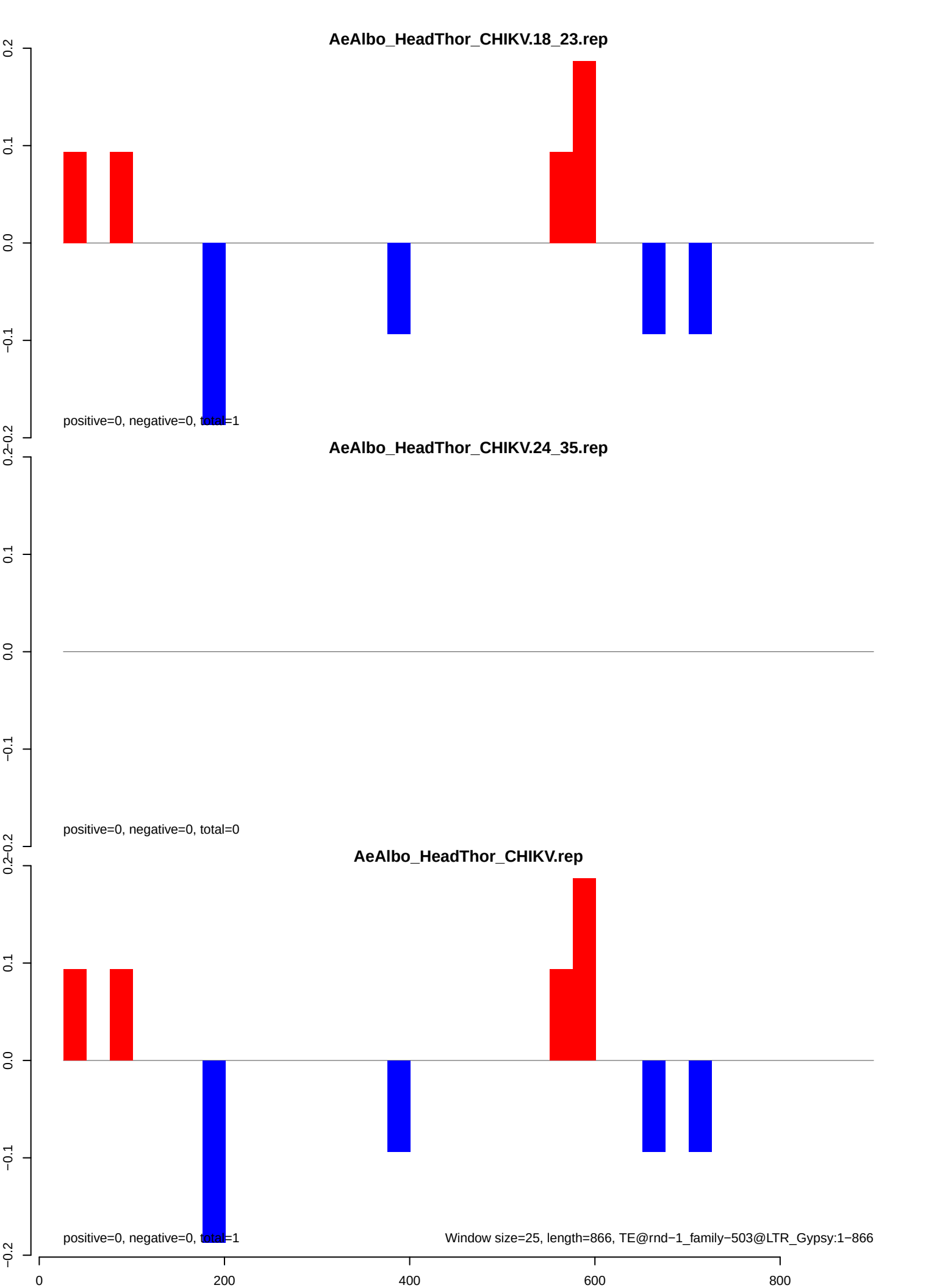

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1

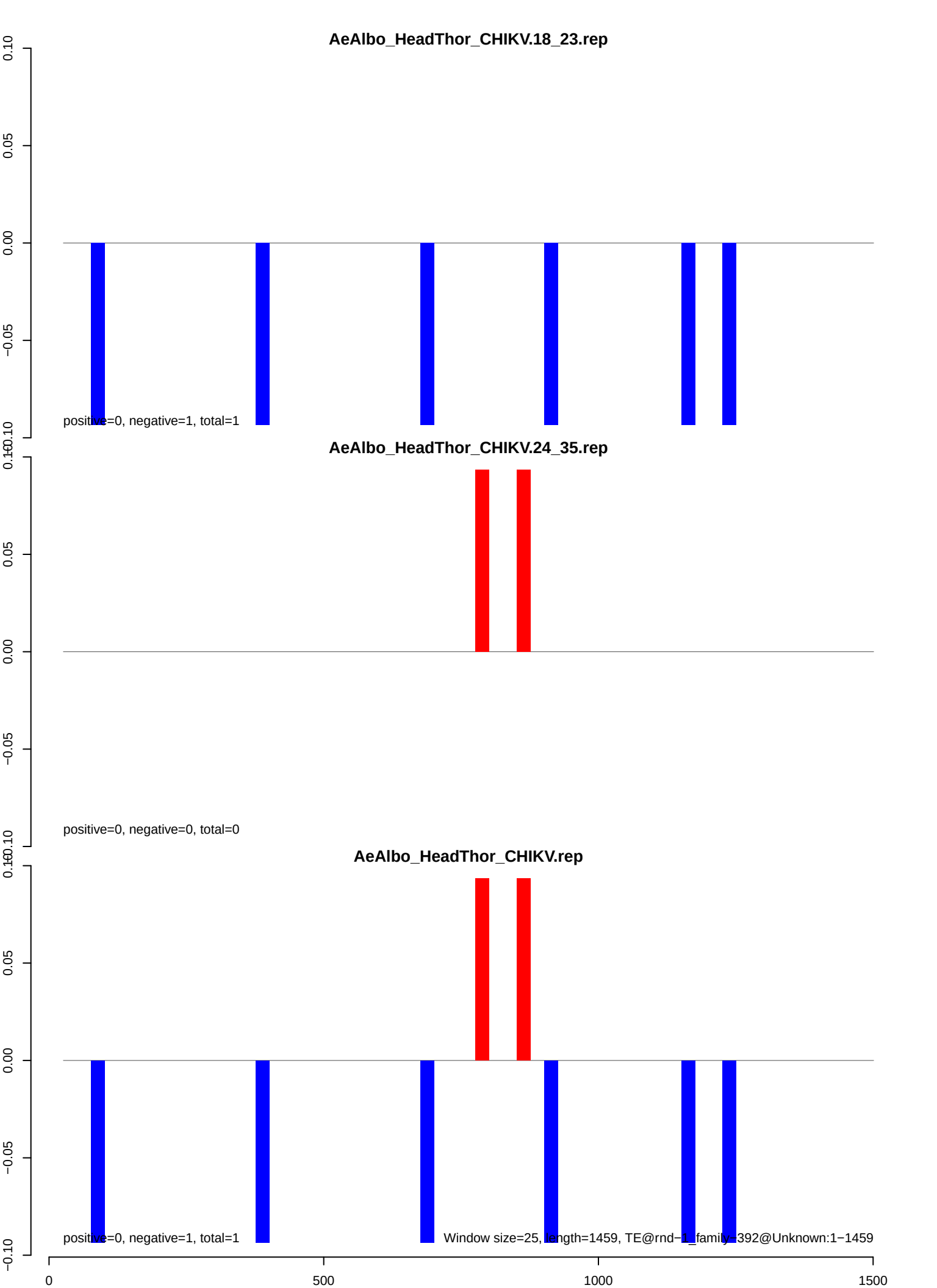

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

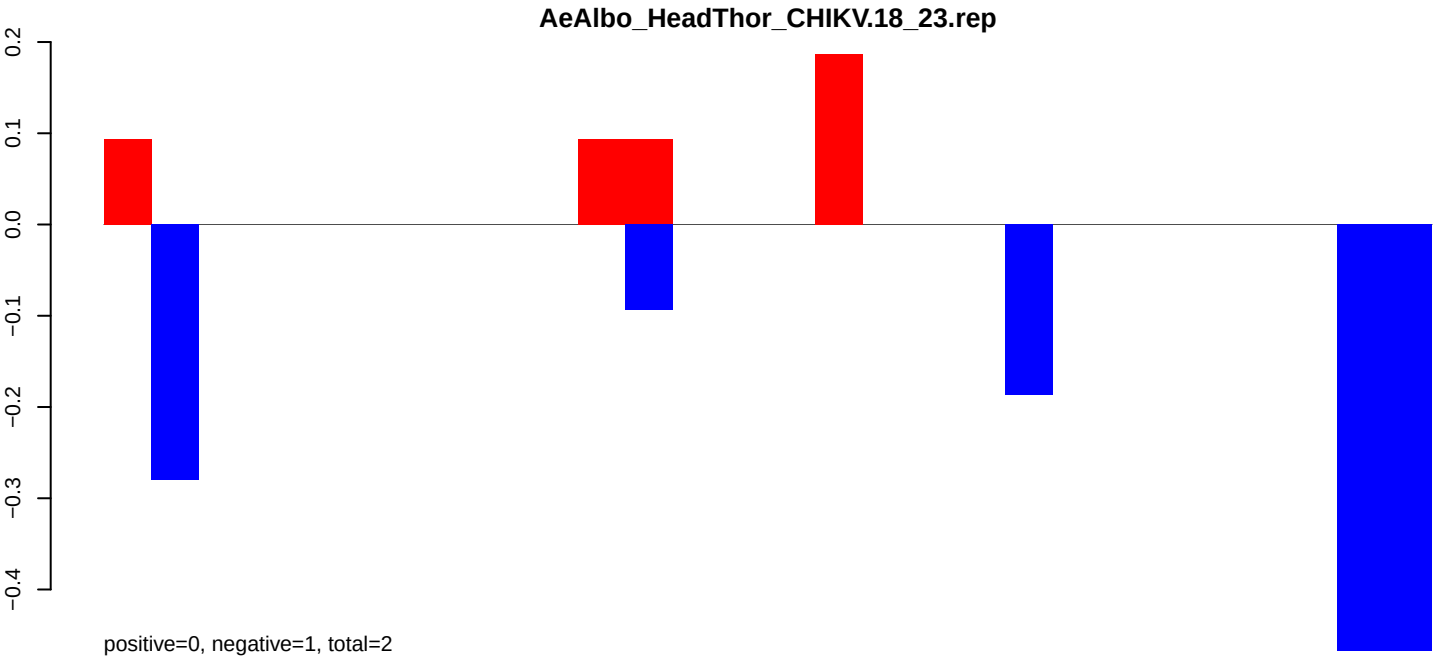

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=1284, TE@rnd−5_family−1323@Unknown:1−1284
0
200
400
600
800
1000
1200

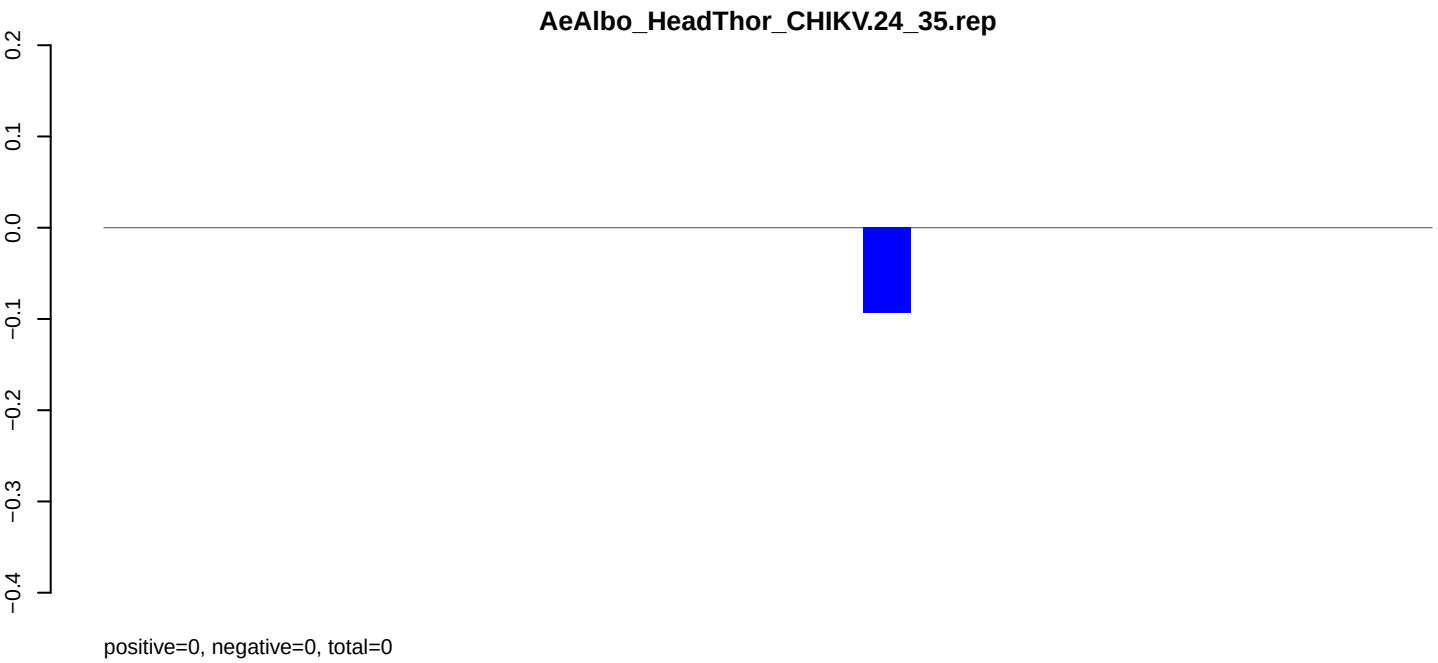

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=3, total=6
Window size=25, length=715, TE@rnd−5_family−1242@DNA_CMC−Transib:1−715
0
200
400
600

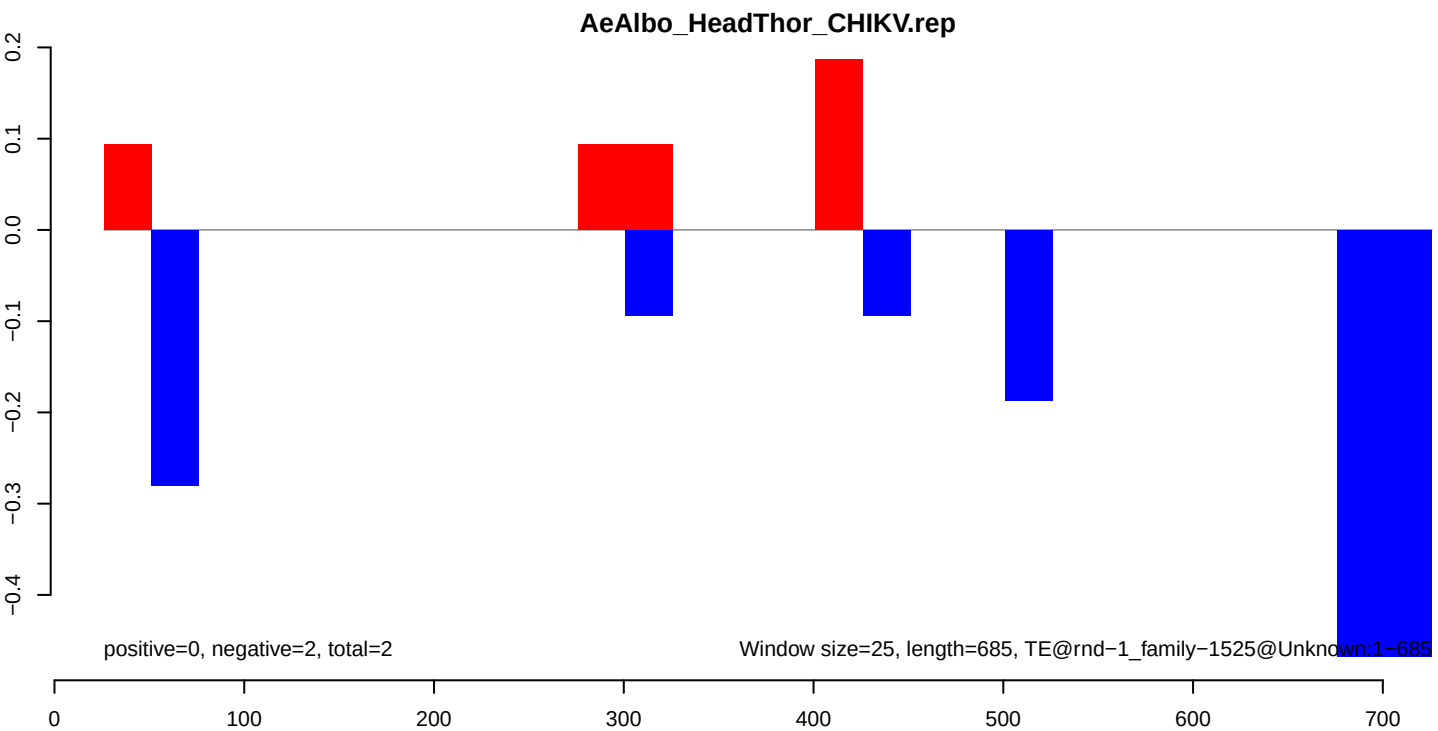

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=2, total=3
Window size=25, length=917, TE@rnd−5_family−1166@LINE_RTE−BovB:1−917
0
200
400
600
800

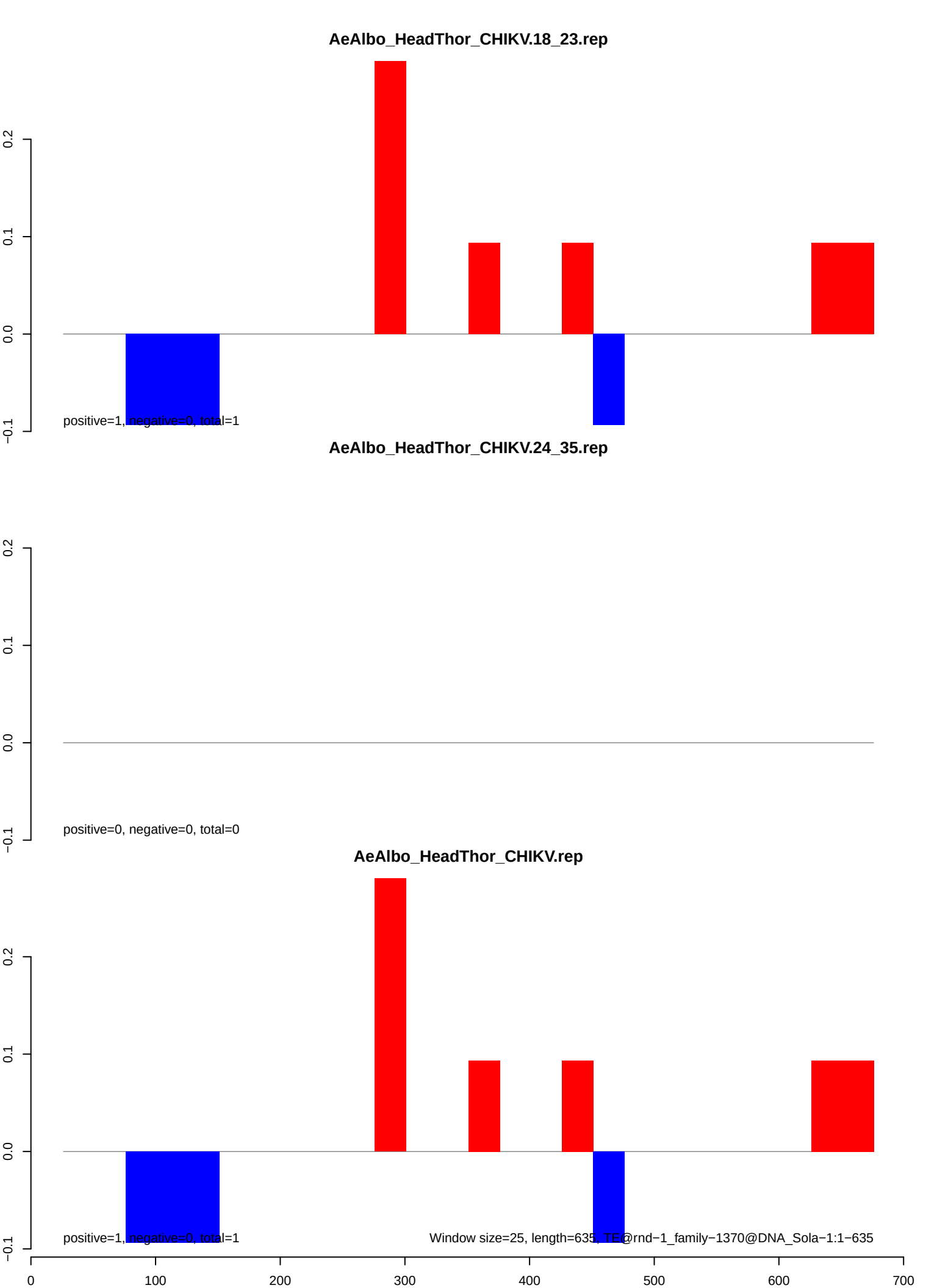

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=866, TE@rnd−1_family−503@LTR_Gypsy:1−866
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800

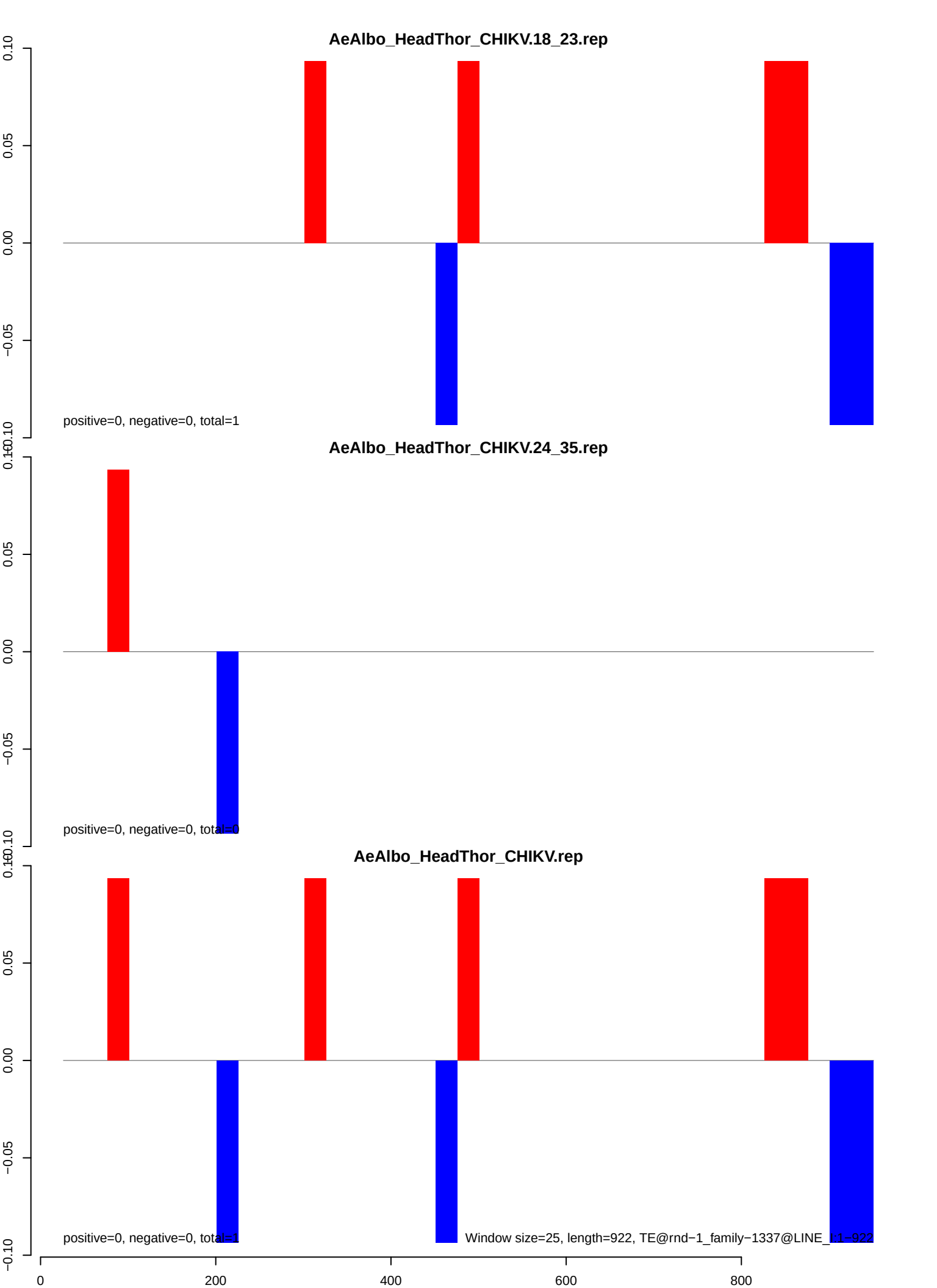

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=1459, TE@rnd−1_family−392@Unknown:1−1459
0
500
1000
1500

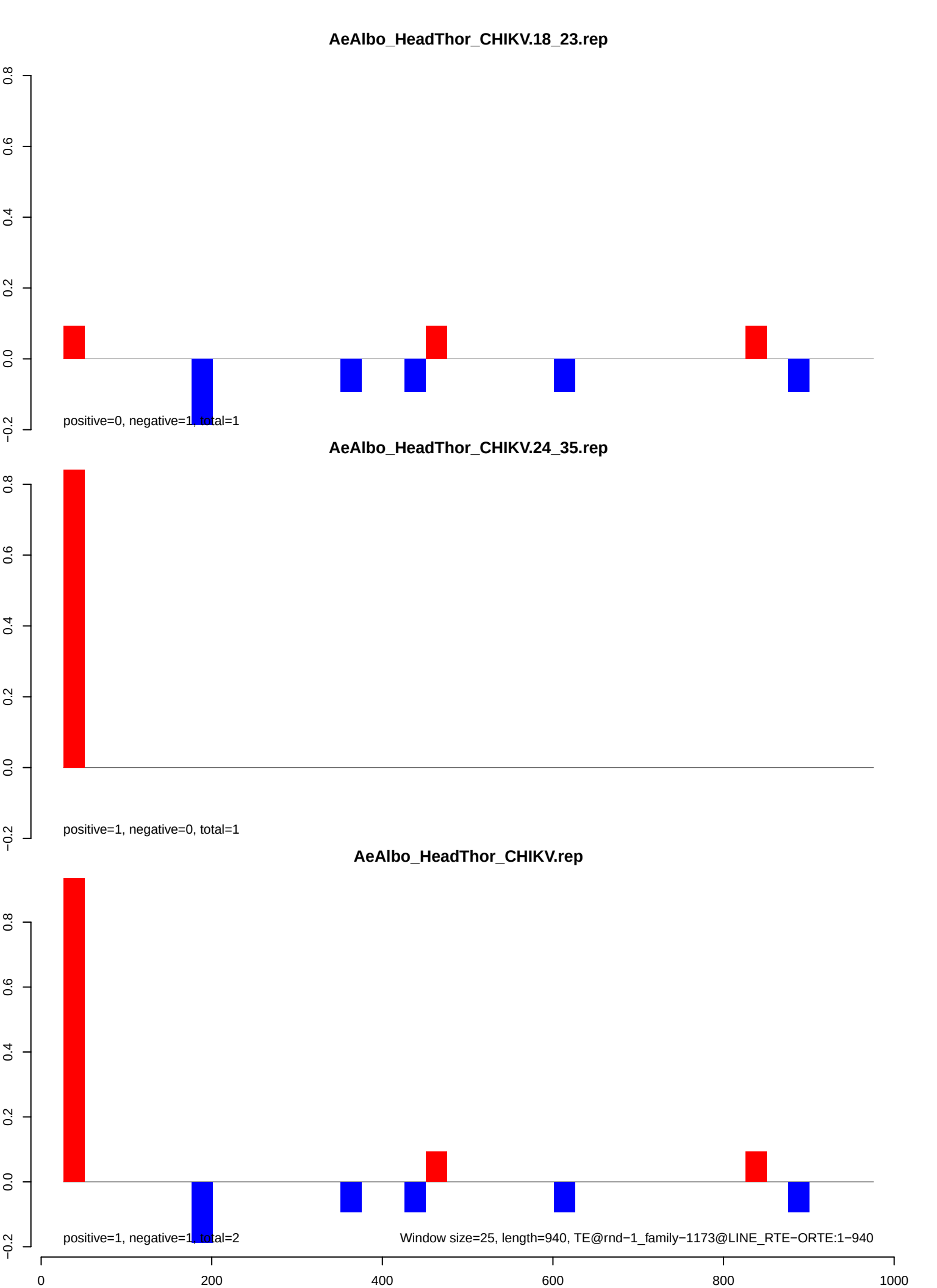

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=2

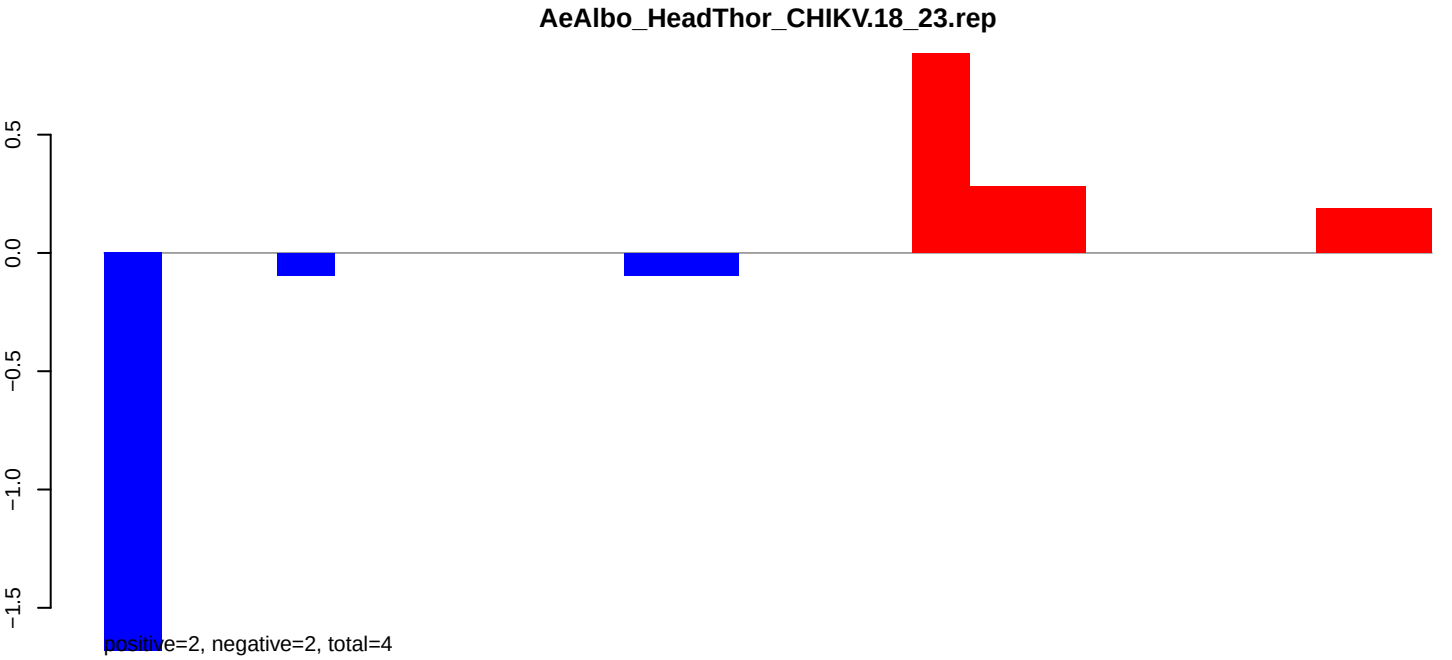

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=2, total=2
Window size=25, length=685, TE@rnd−1_family−1525@Unknown:1−685
0
100
200
300
400
500
600
700

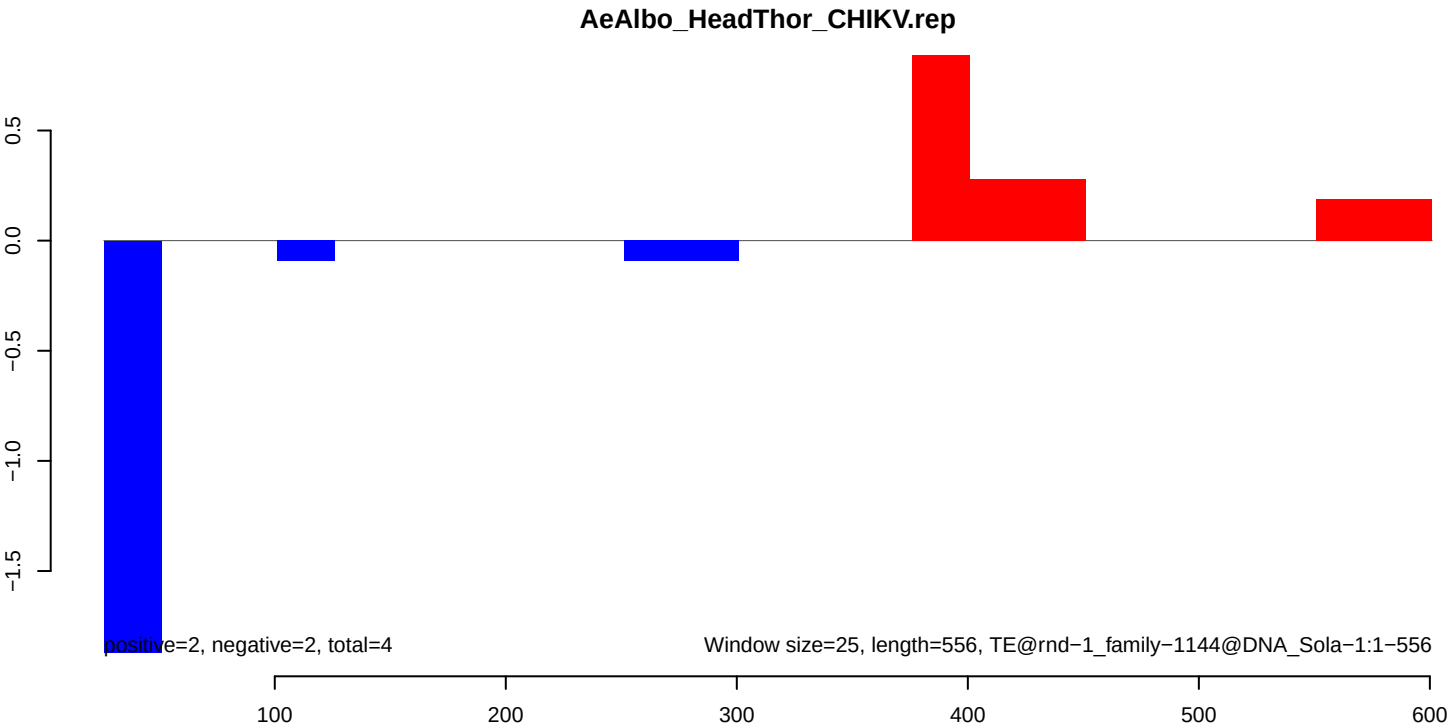

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=635, TE@rnd−1_family−1370@DNA_Sola−1:1−635
0
100
200
300
400
500
600
700

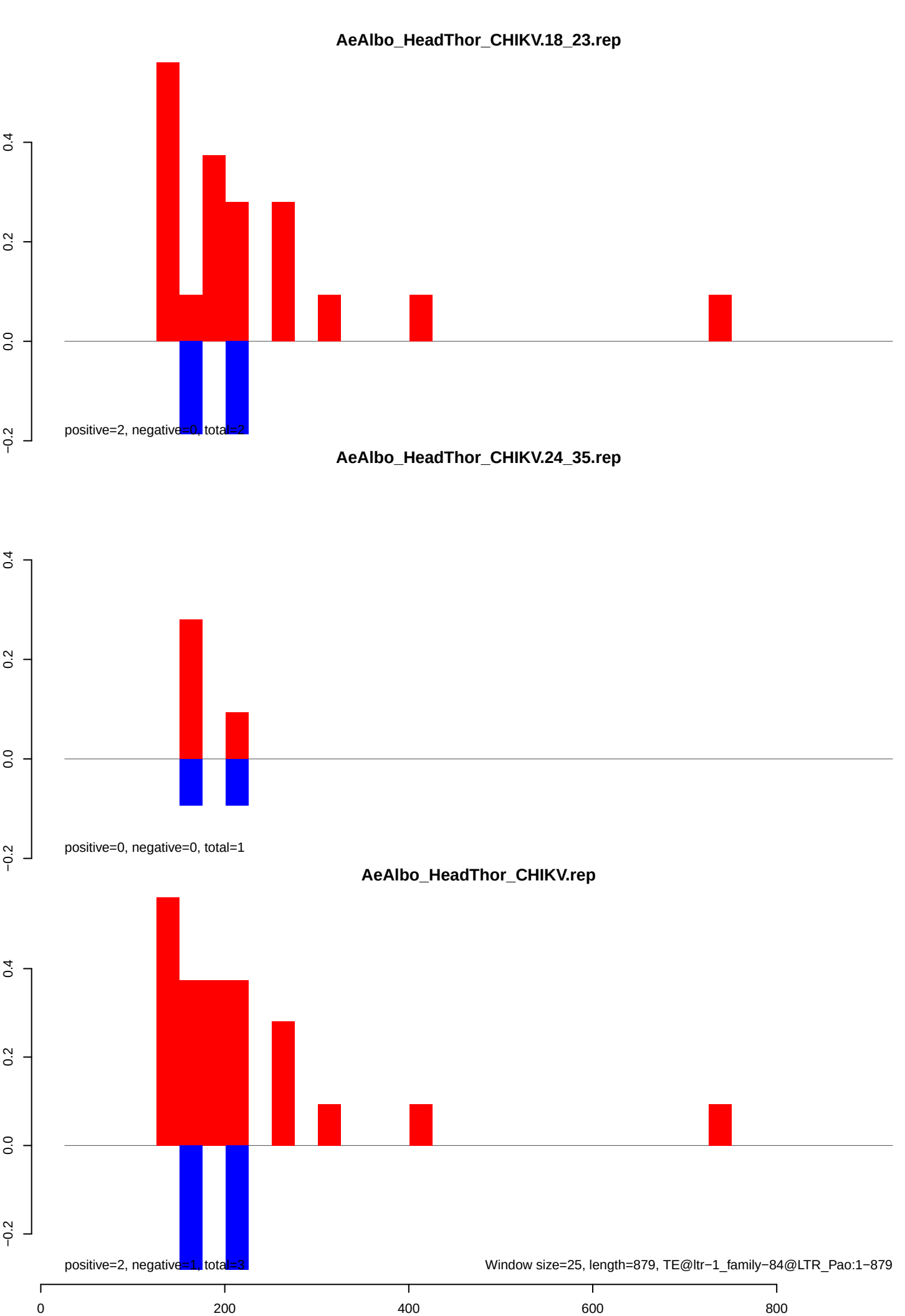

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=922, TE@rnd−1_family−1337@LINE_1−922
0
200
400
600
800

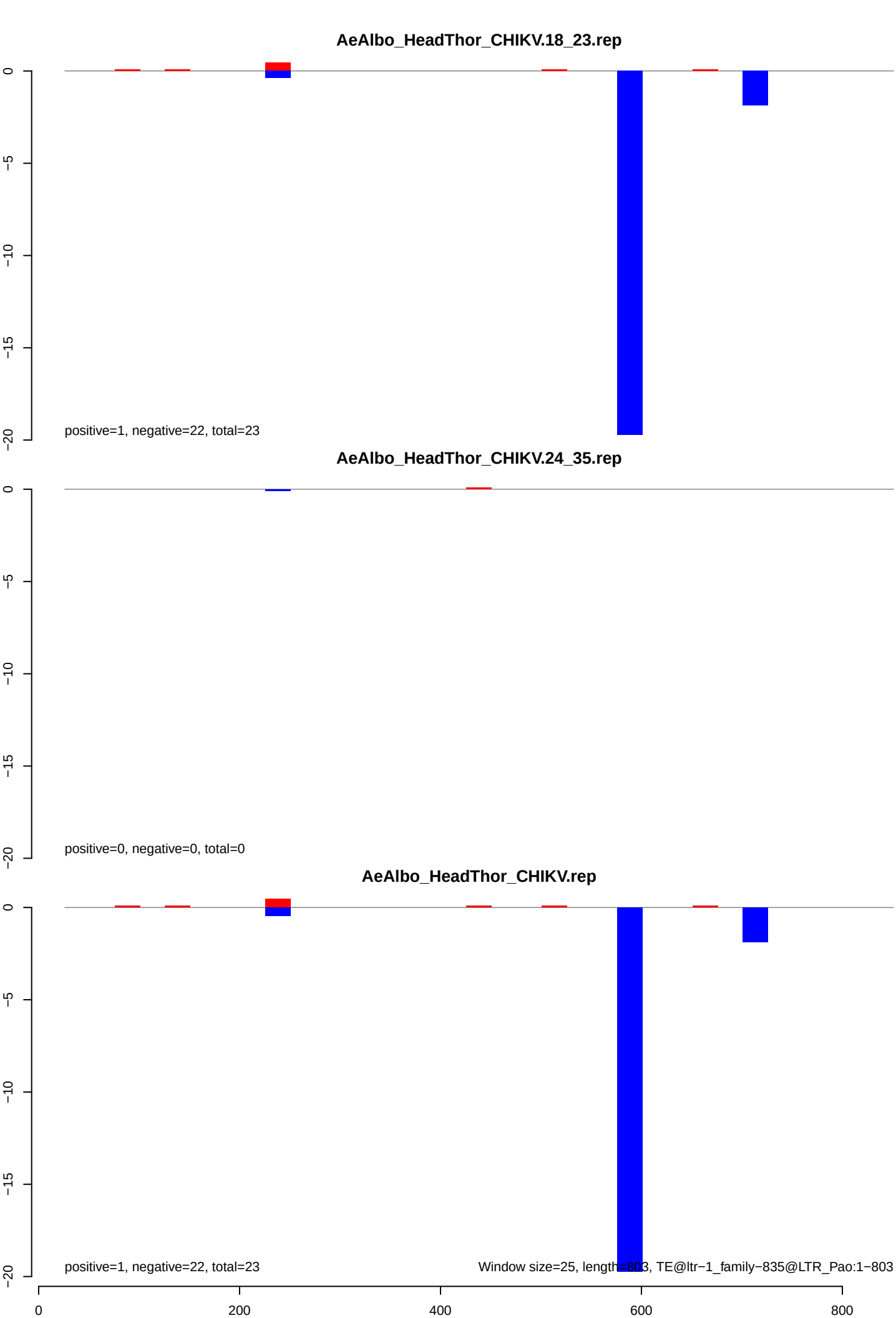

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
Window size=25, length=940, TE@rnd−1_family−1173@LINE_RTE−ORTE:1−940
0
200
400
600
800
1000

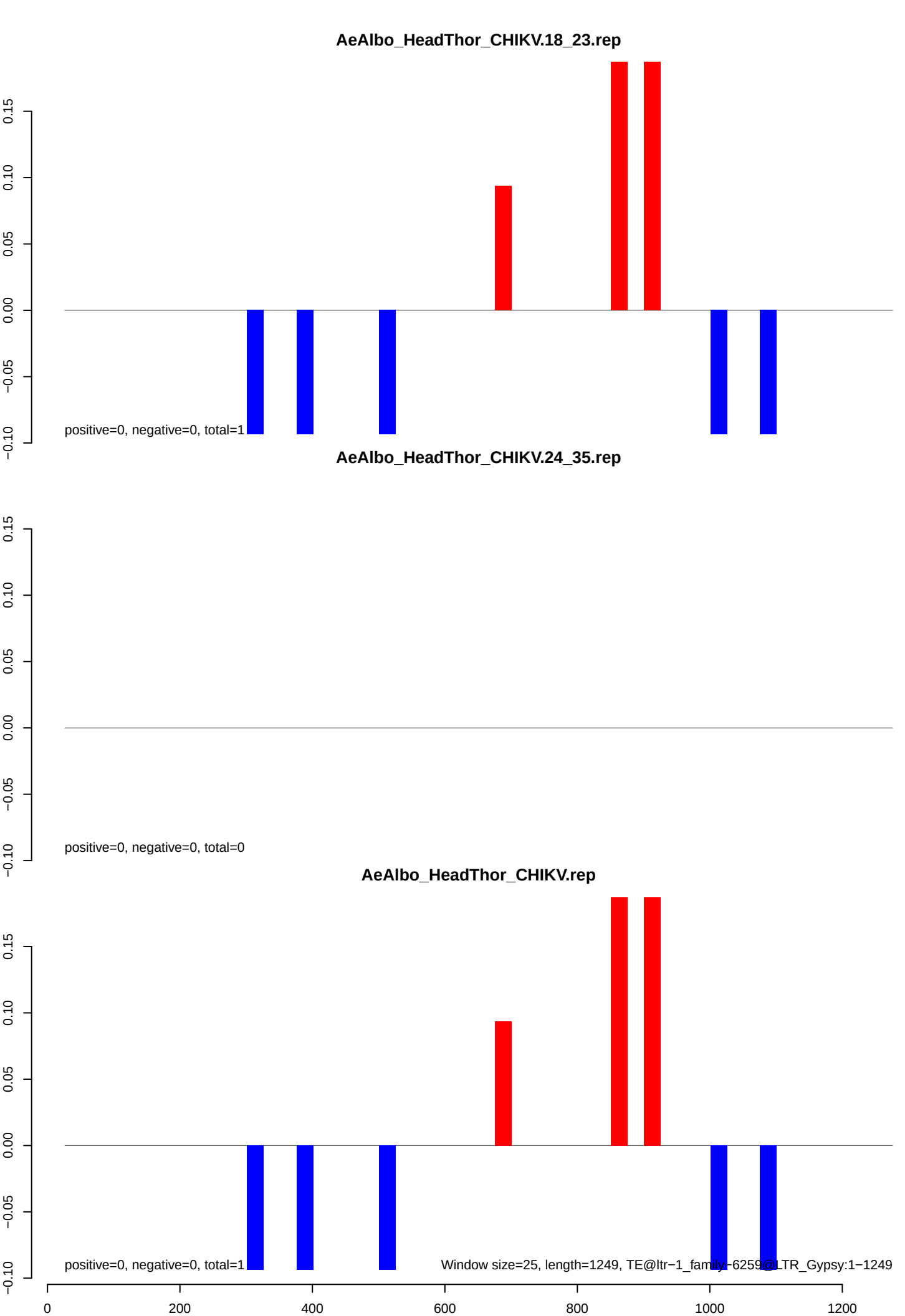

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=4

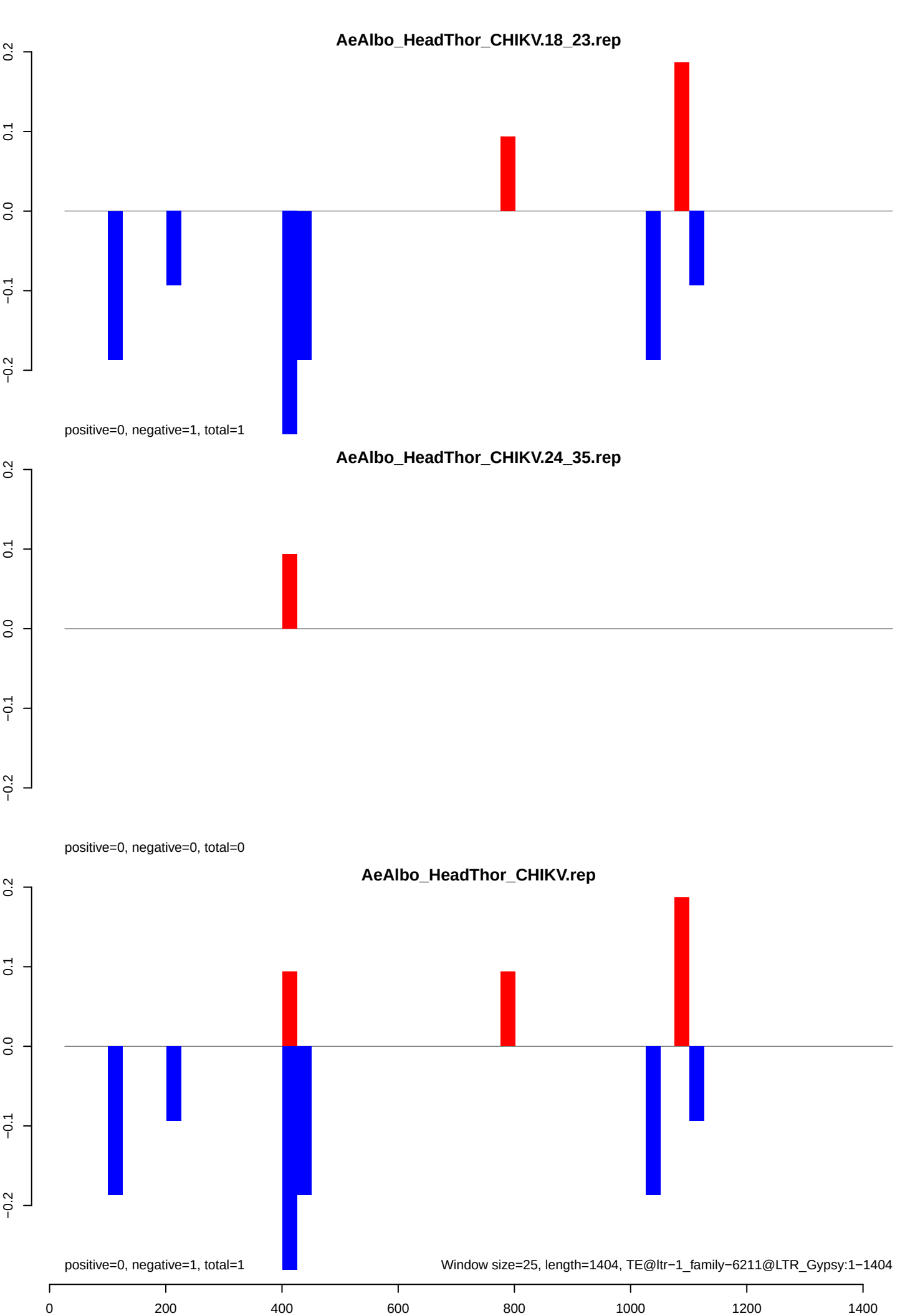
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

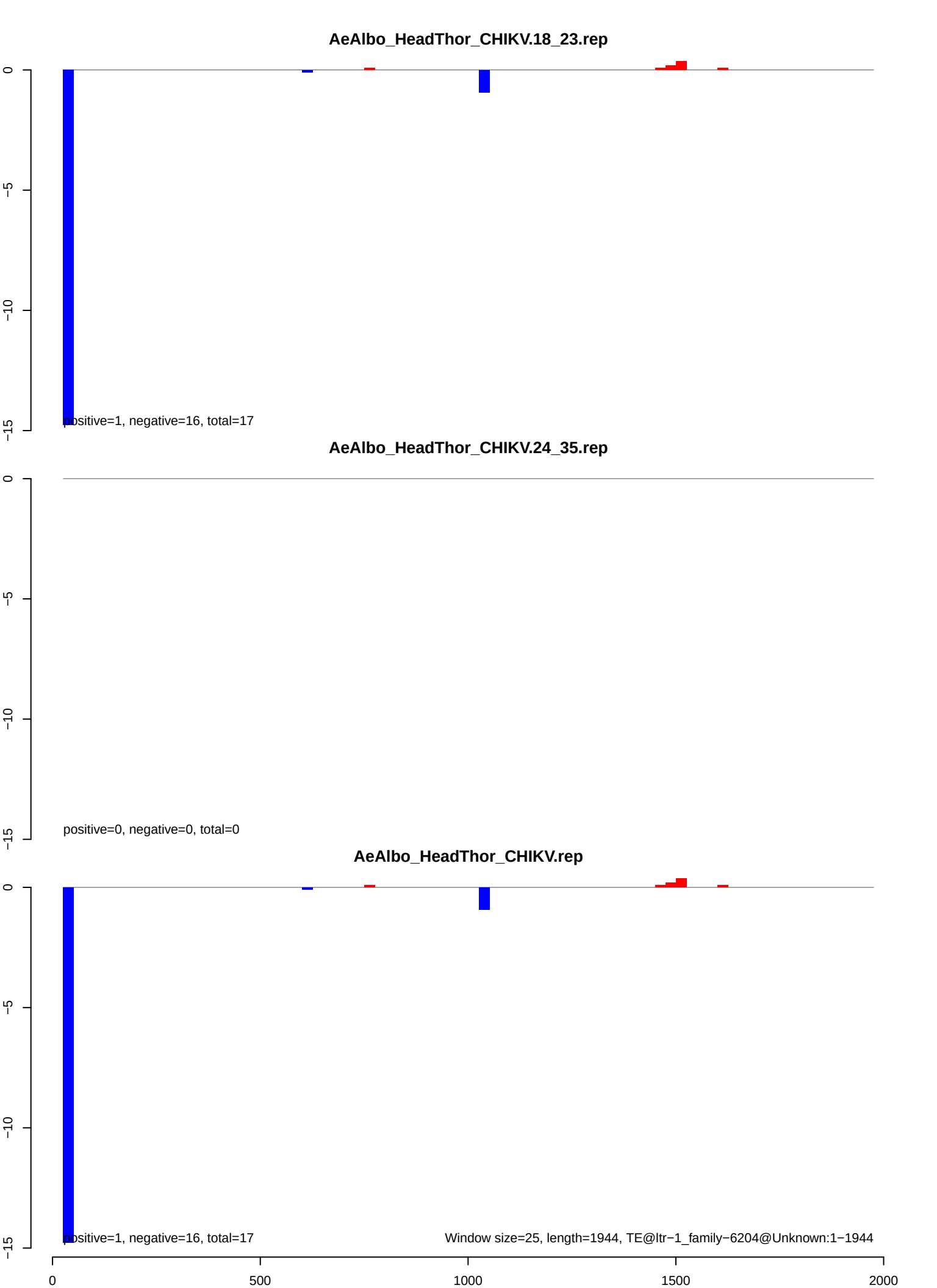

AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=2, negative=2, total=4
Window size=25, length=556, TE@rnd−1_family−1144@DNA_Sola−1:1−556
100
200
300
400
500
600

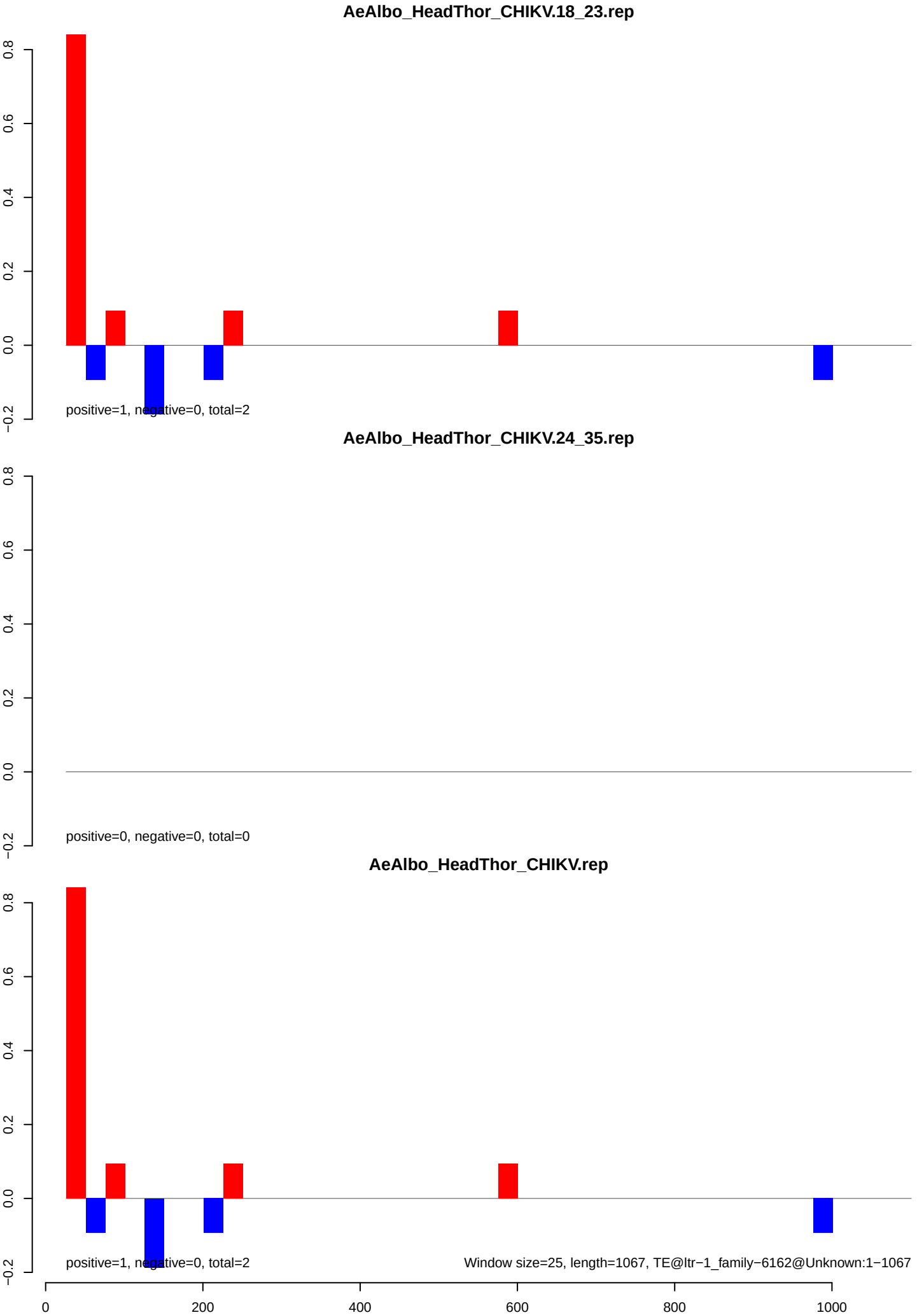

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=2, negative=1, total=3
Window size=25, length=879, TE@ltr−1_family−84@LTR_Pao:1−879
0
200
400
600
800

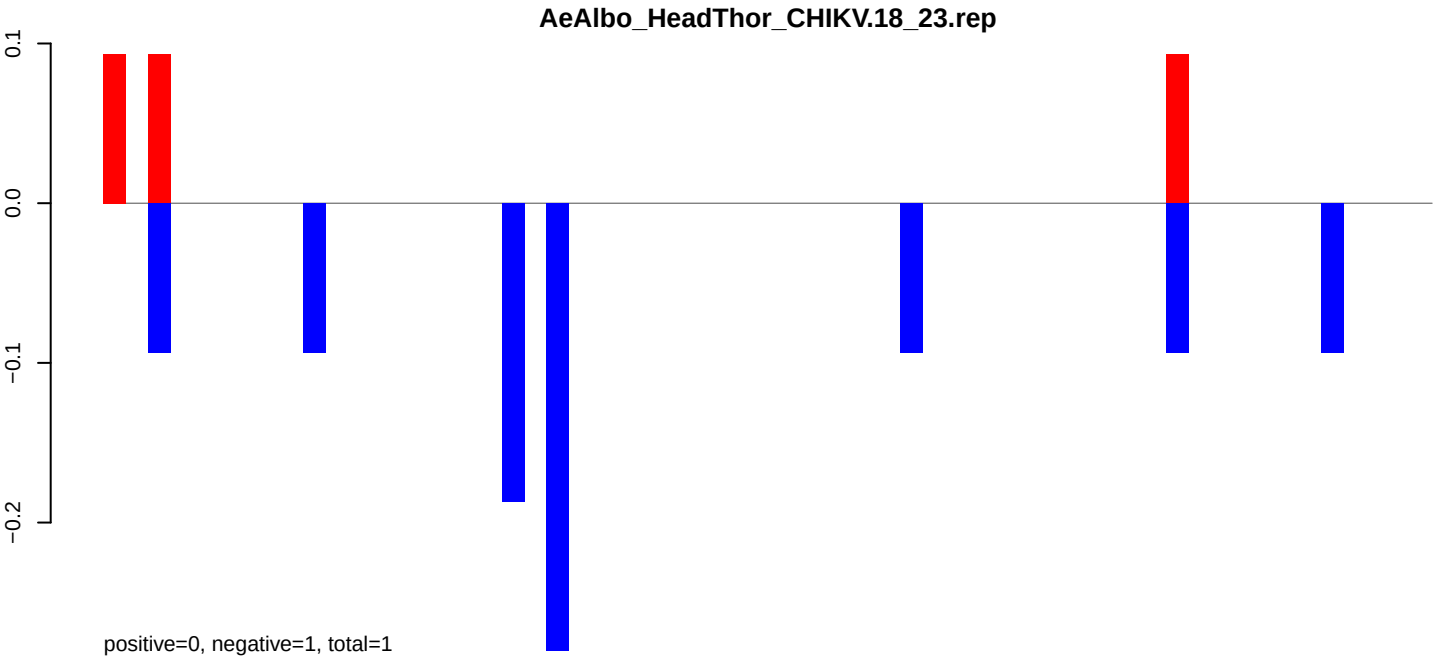

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=1, negative=22, total=23
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=1, negative=22, total=23
Window size=25, length=803, TE@ltr−1_family−835@LTR_Pao:1−803
0
200
400
600
800

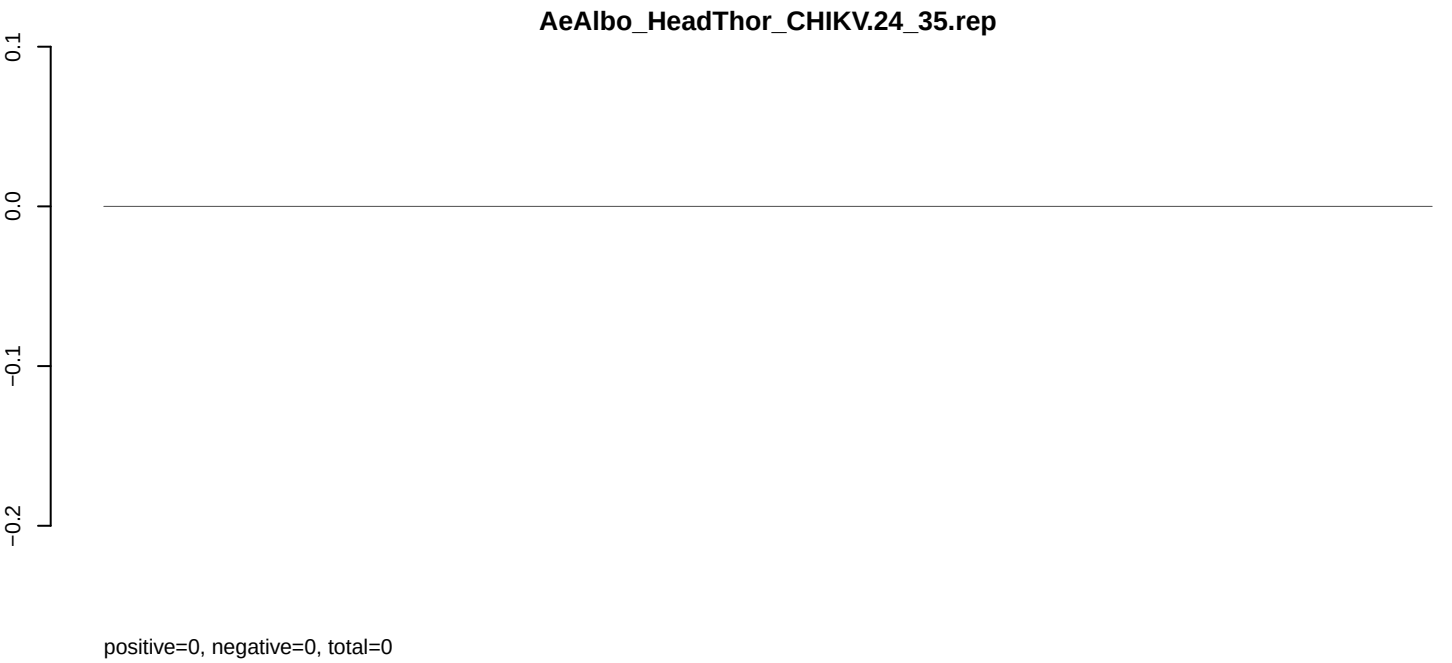

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1249, TE@ltr−1_family−6259@LTR_Gypsy:1−1249
0
200
400
600
800
1000
1200

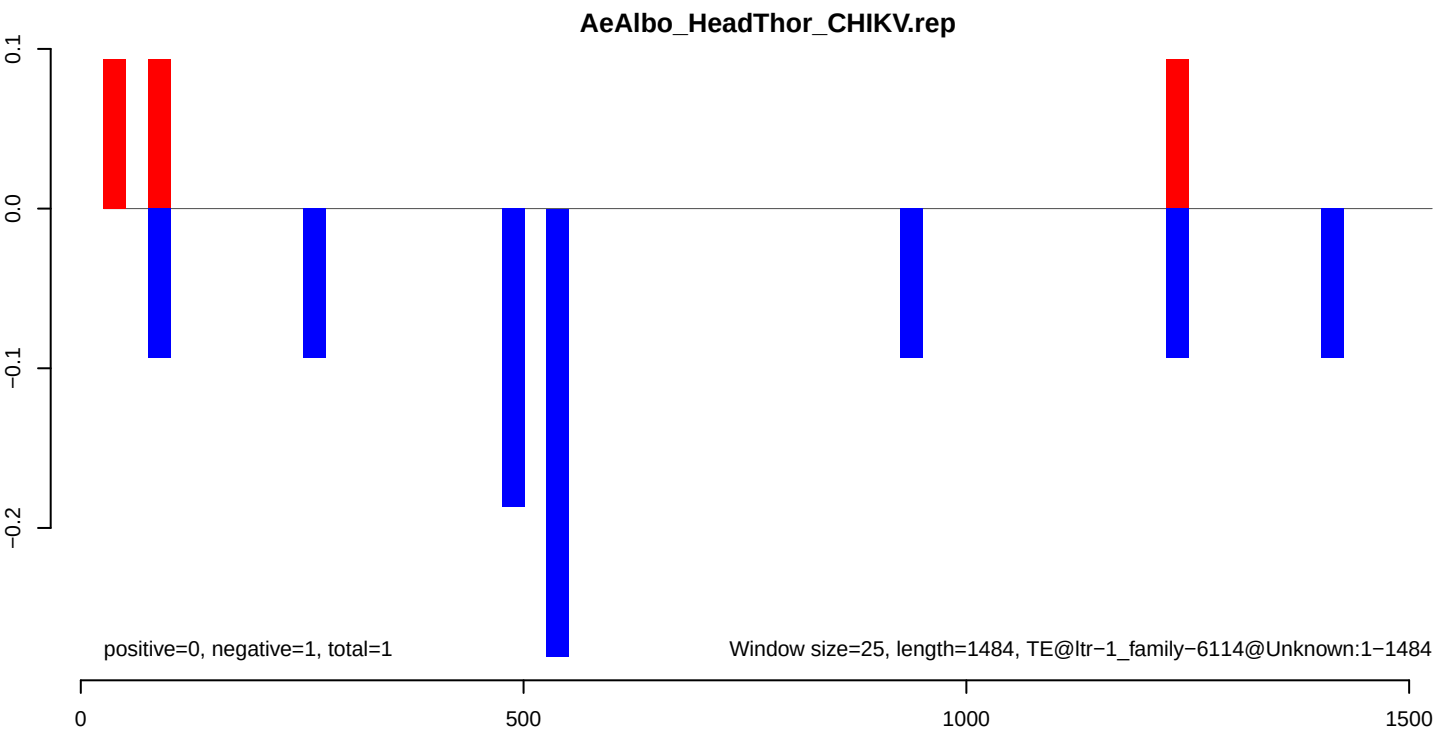

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=1404, TE@ltr−1_family−6211@LTR_Gypsy:1−1404
0
200
400
600
800
1000
1200
1400

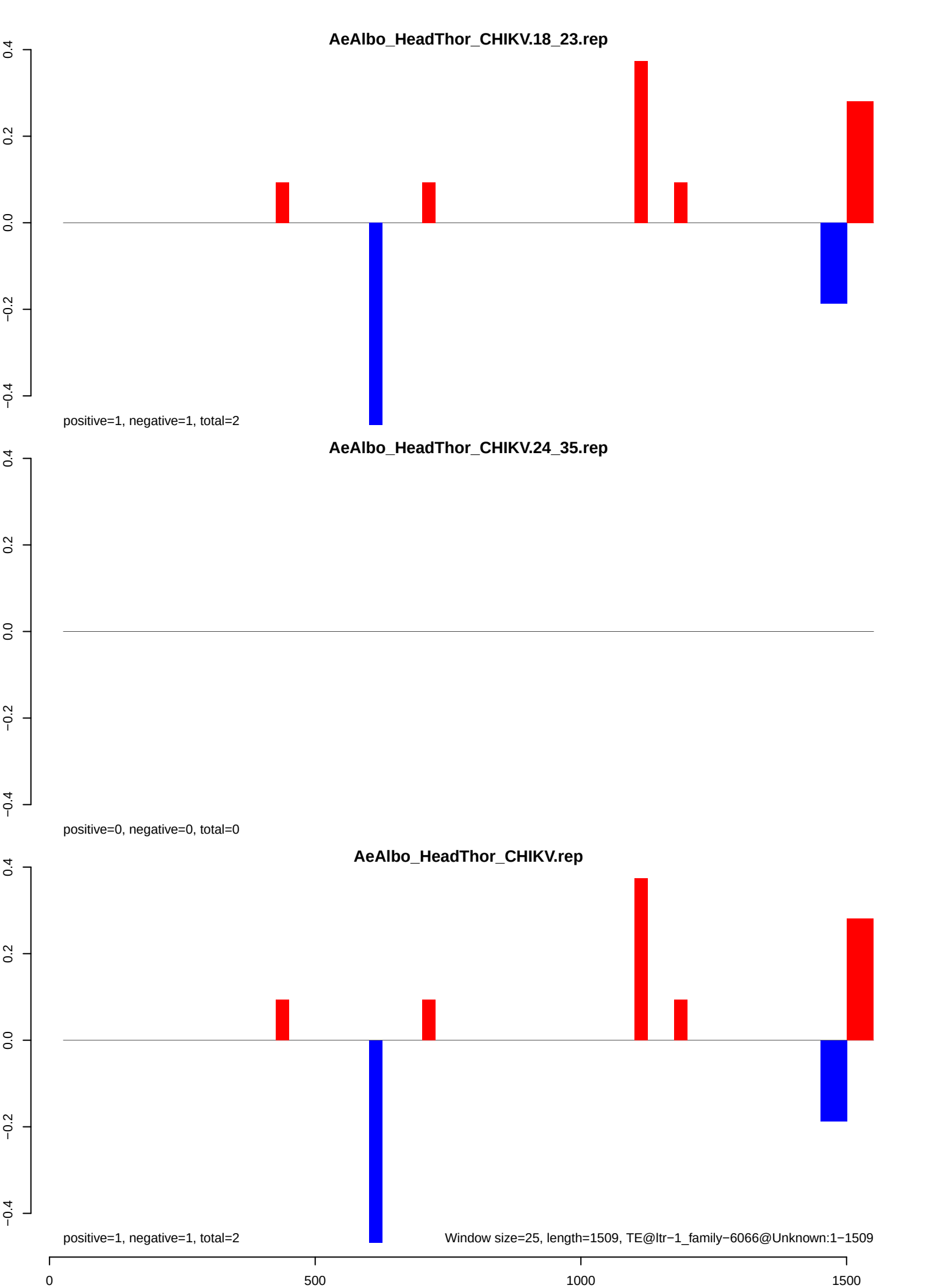

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=16, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=16, total=17
Window size=25, length=1944, TE@ltr−1_family−6204@Unknown:1−1944
0
500
1000
1500
2000

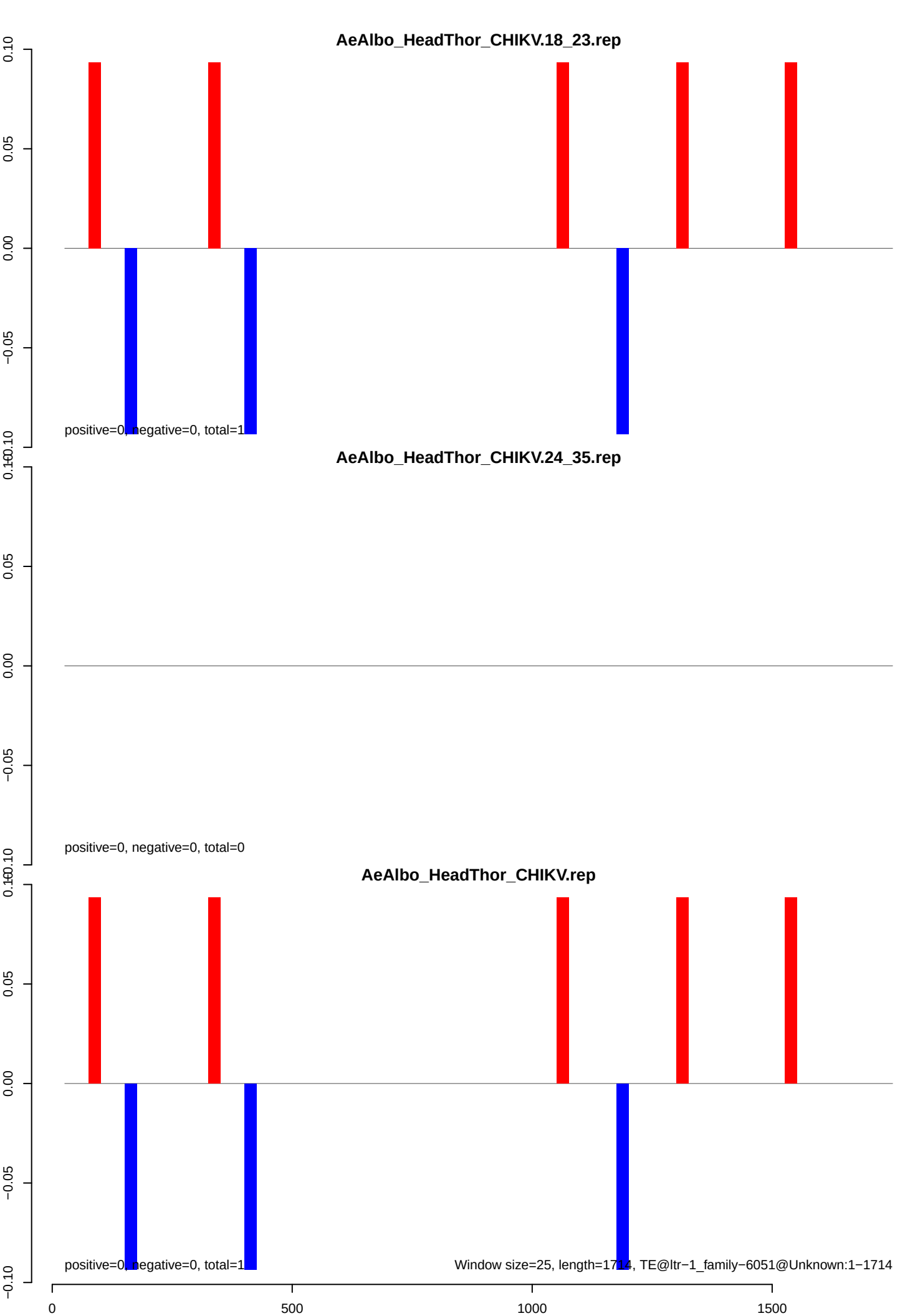

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
Window size=25, length=1067, TE@ltr−1_family−6162@Unknown:1−1067
0
200
400
600
800
1000

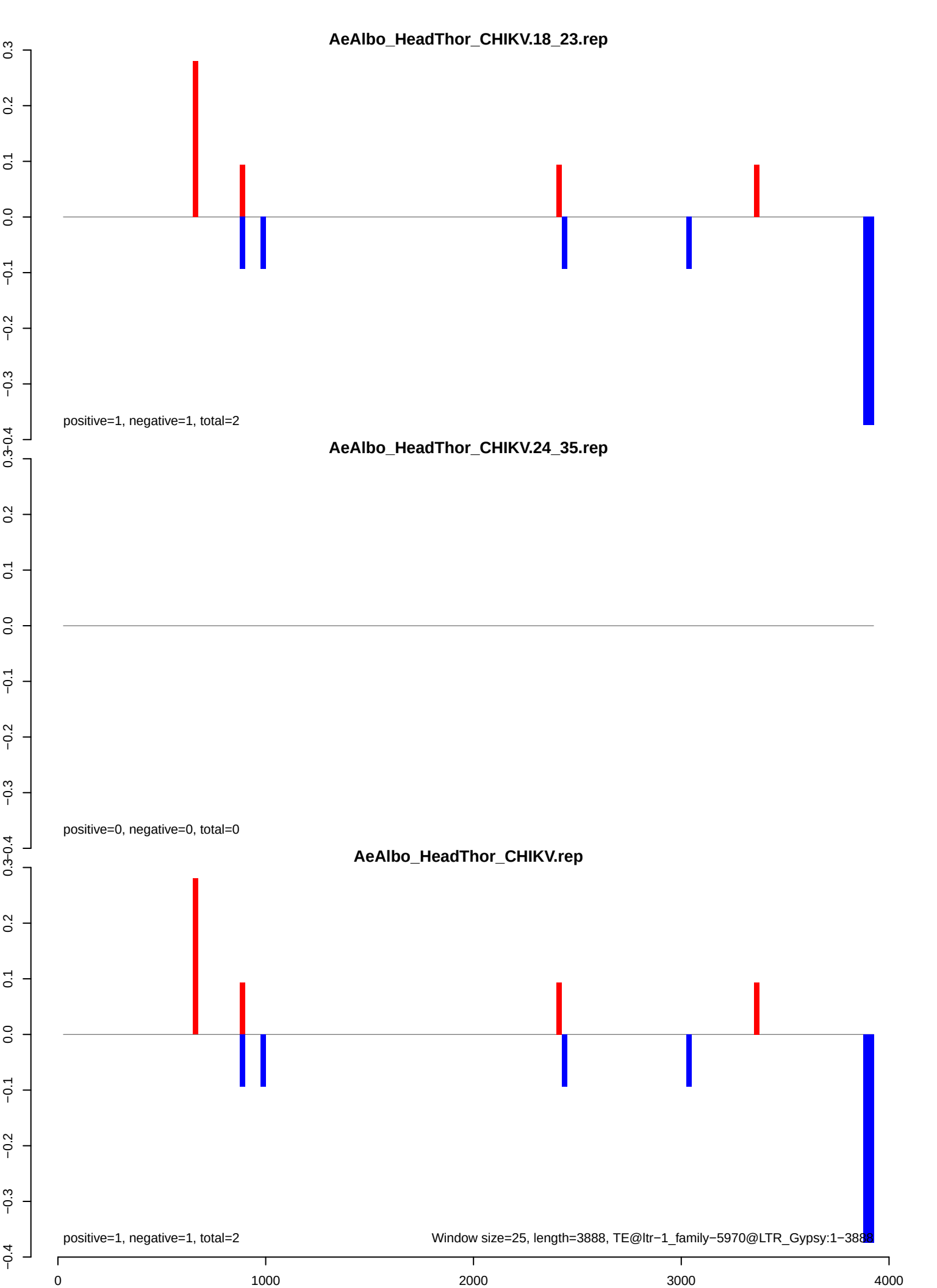

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

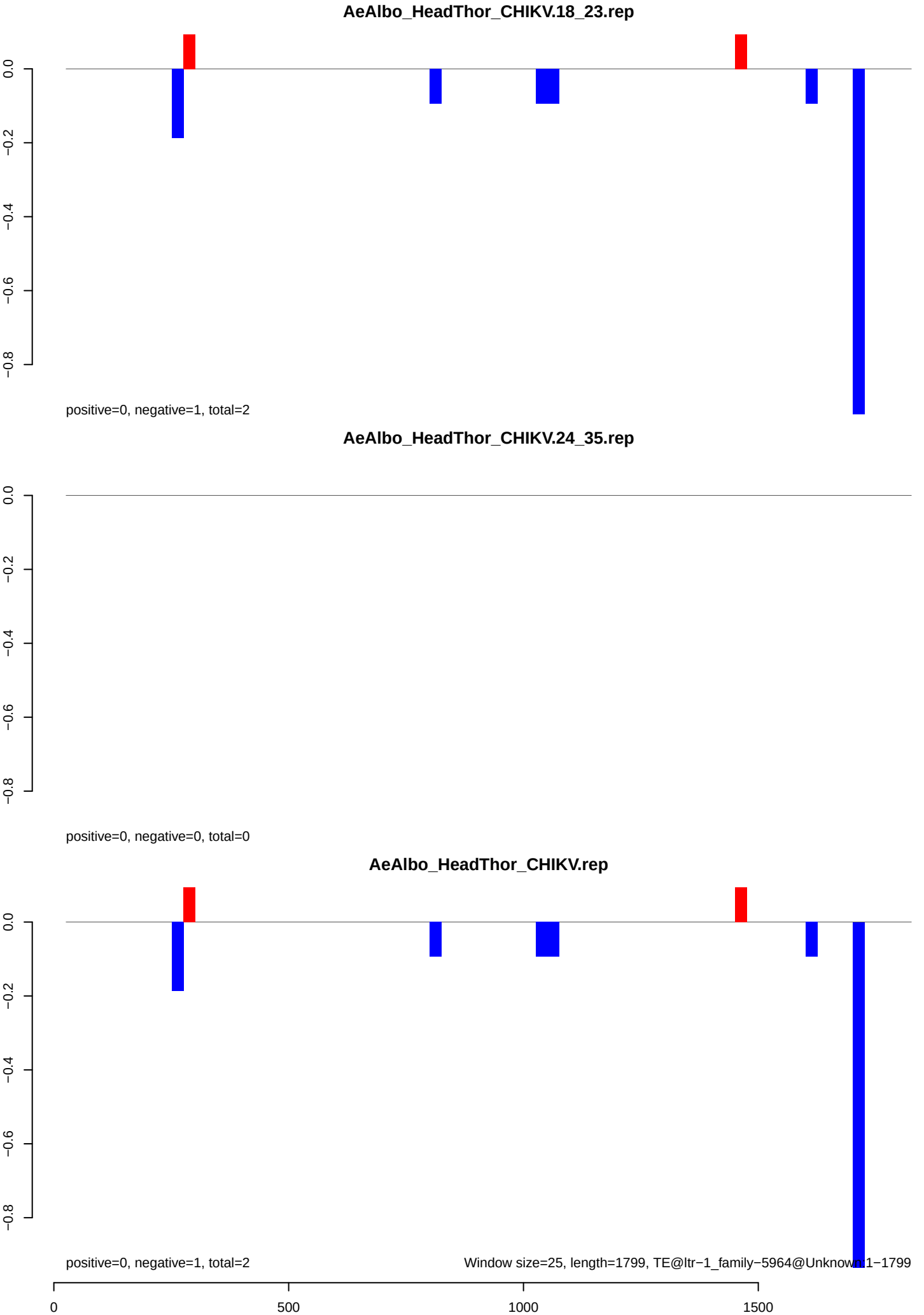

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

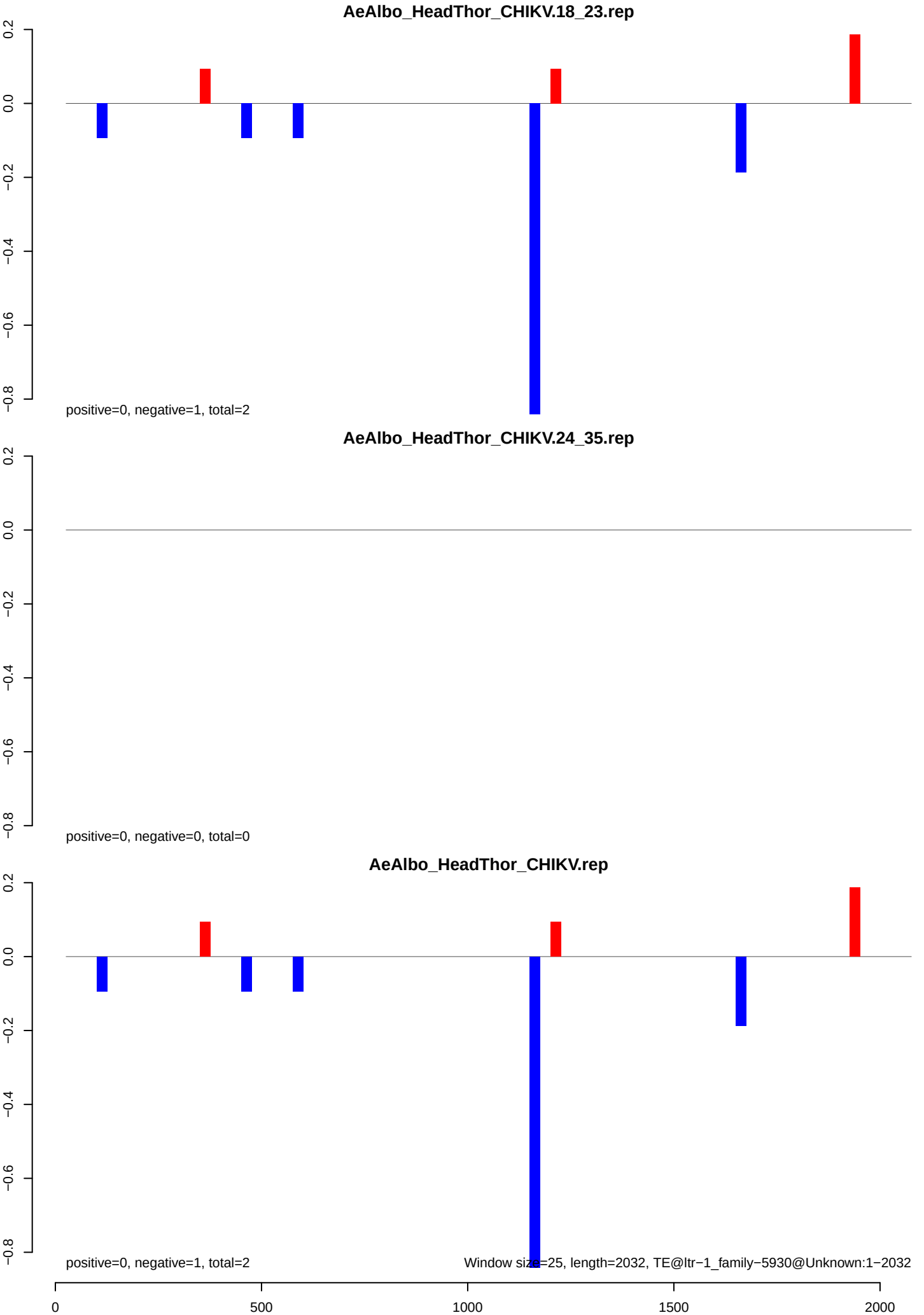

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=1484, TE@ltr−1_family−6114@Unknown:1−1484
0
500
1000
1500

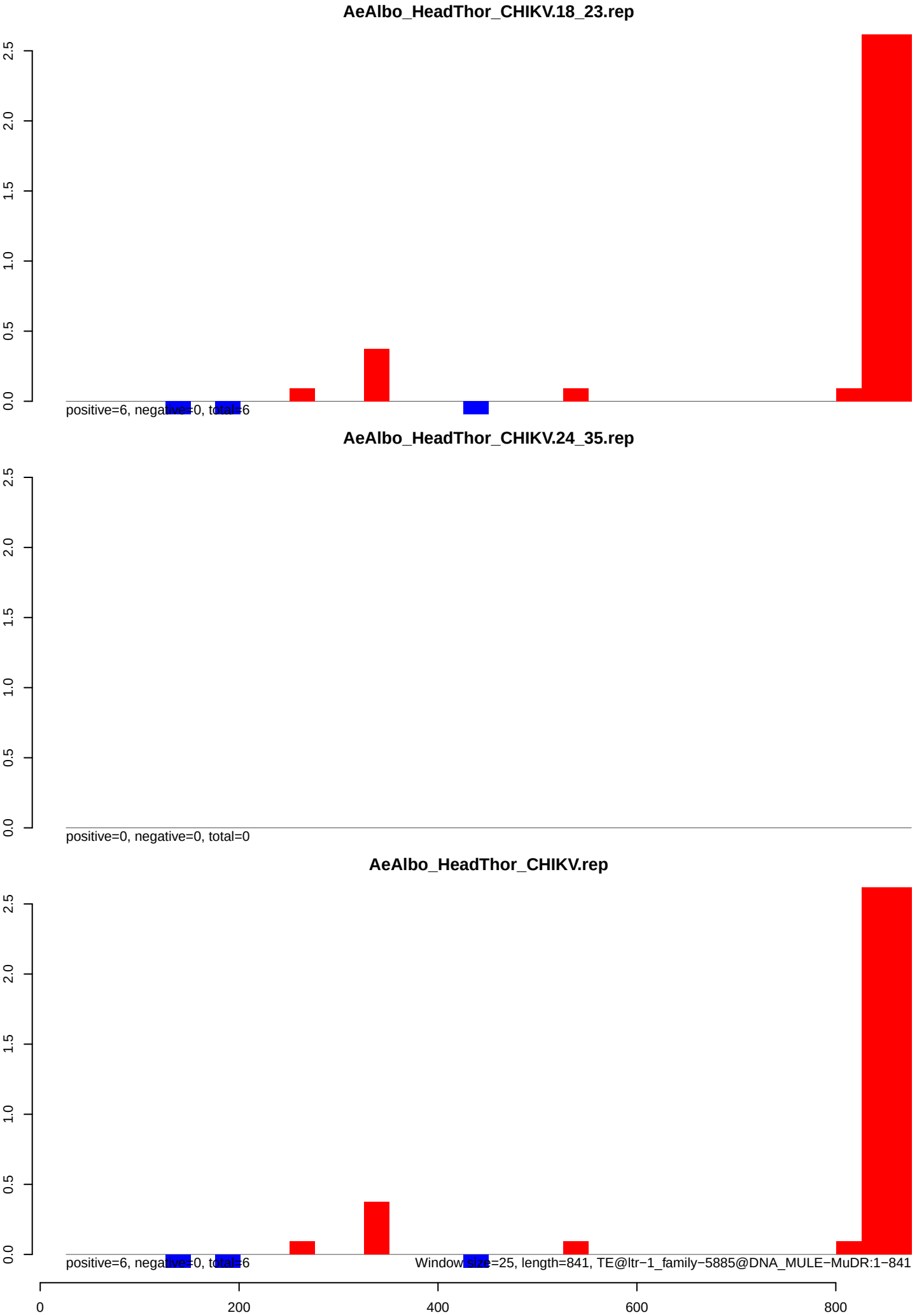

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=1509, TE@ltr−1_family−6066@Unknown:1−1509
0
500
1000
1500

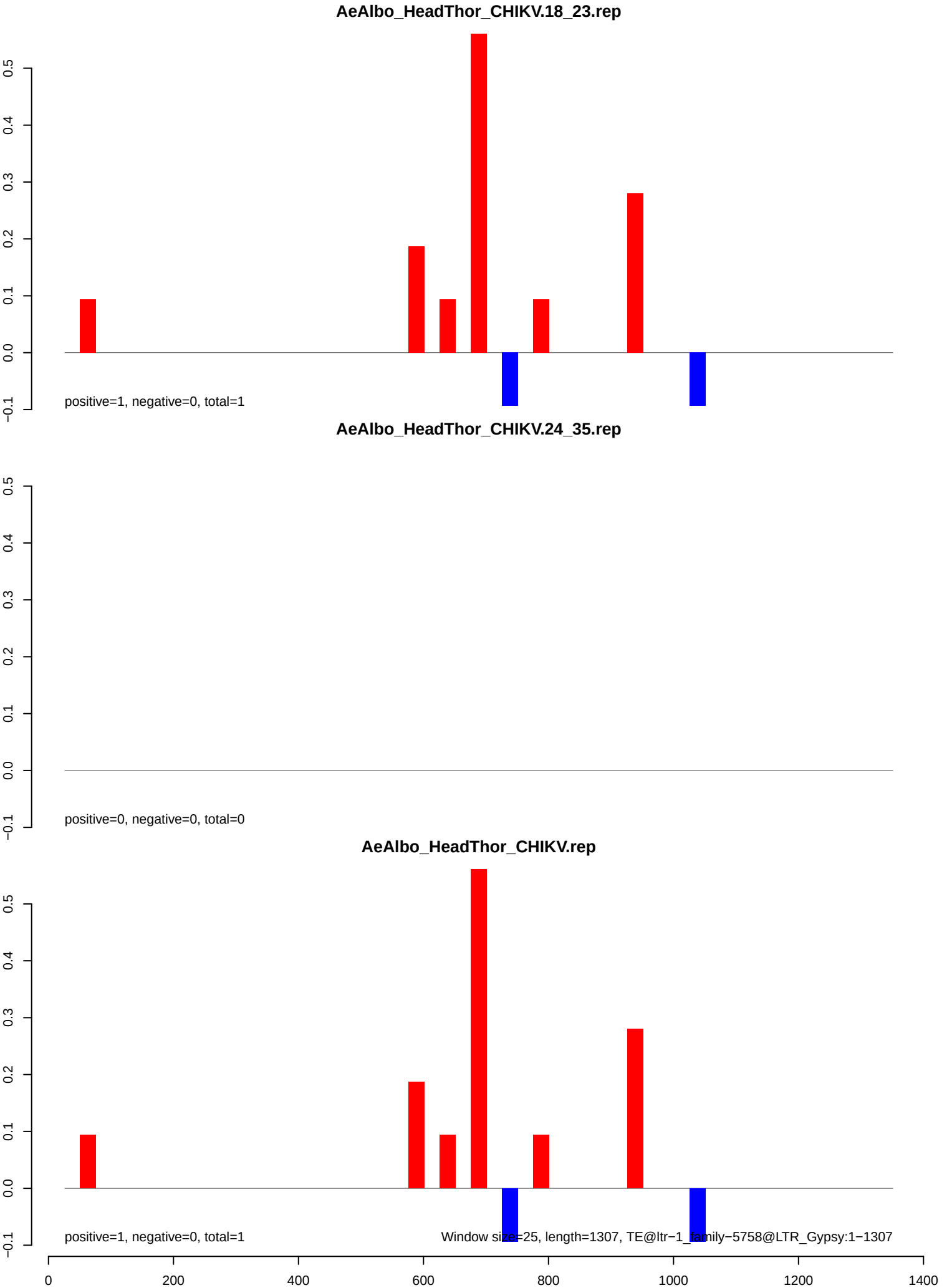

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=1714, TE@ltr−1_family−6051@Unknown:1−1714
0
500
1000
1500

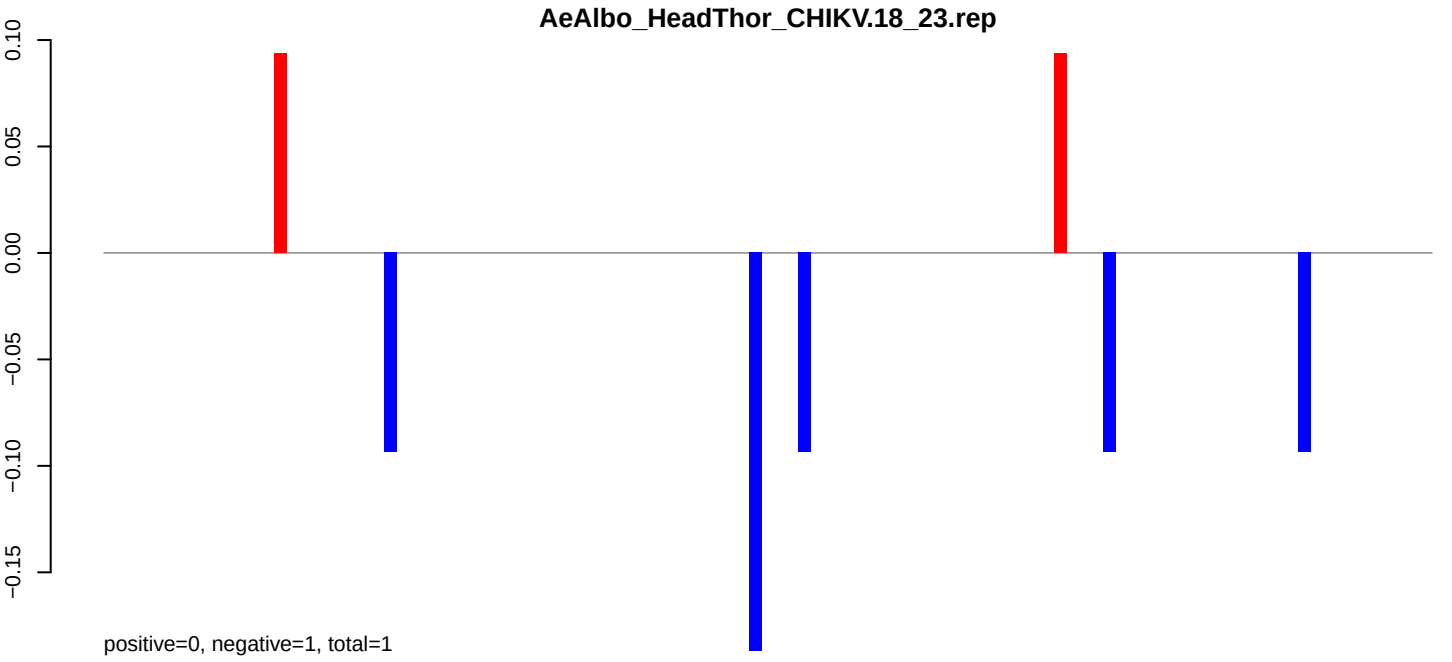

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=3888, TE@ltr−1_family−5970@LTR_Gypsy:1−3888
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
1000
2000
3000
4000

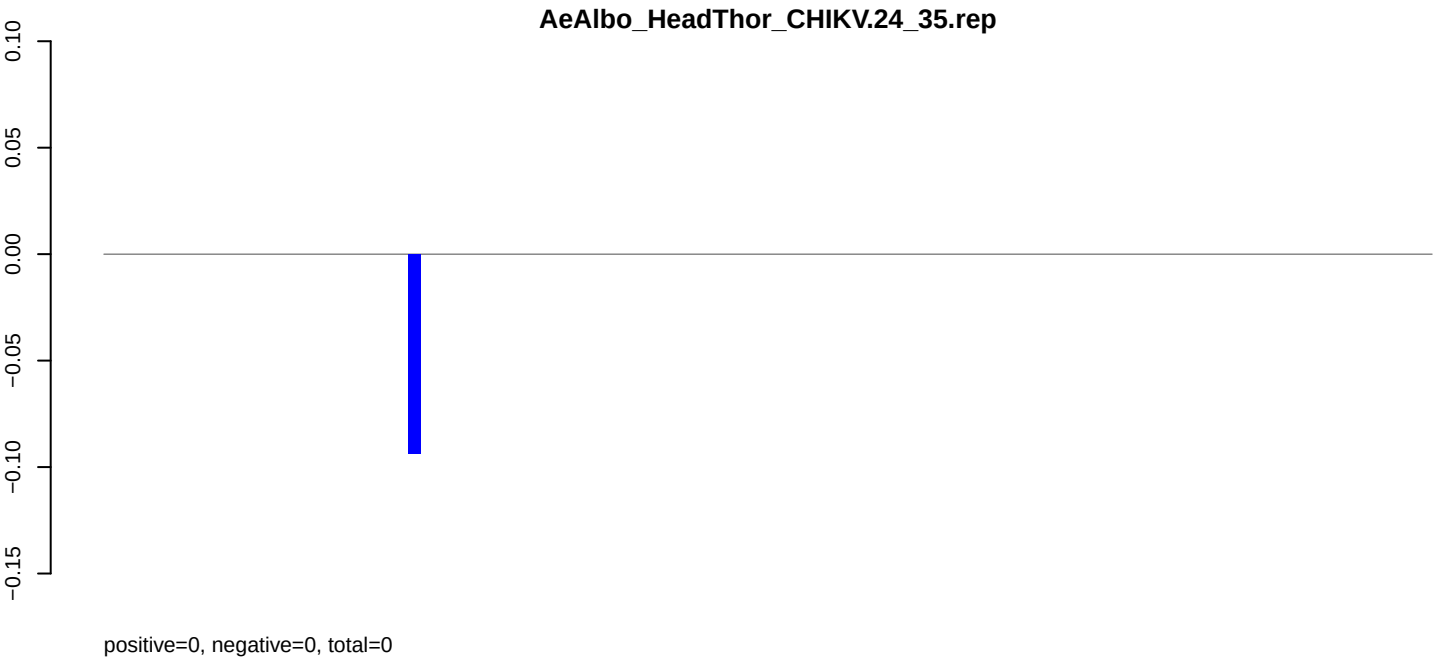

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=2
Window size=25, length=1799, TE@ltr−1_family−5964@Unknown:1−1799
0
500
1000
1500

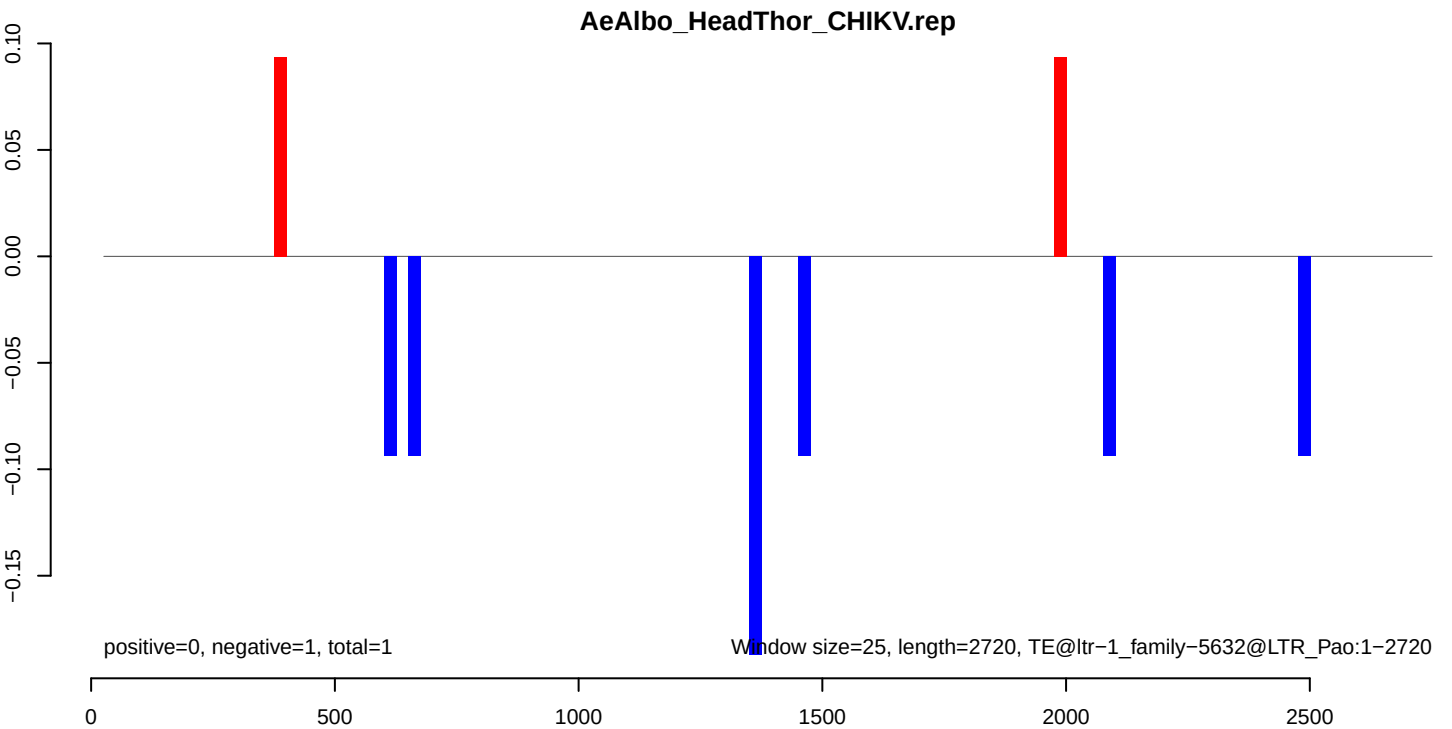

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=2
Window size=25, length=2032, TE@ltr−1_family−5930@Unknown:1−2032
0
500
1000
1500
2000

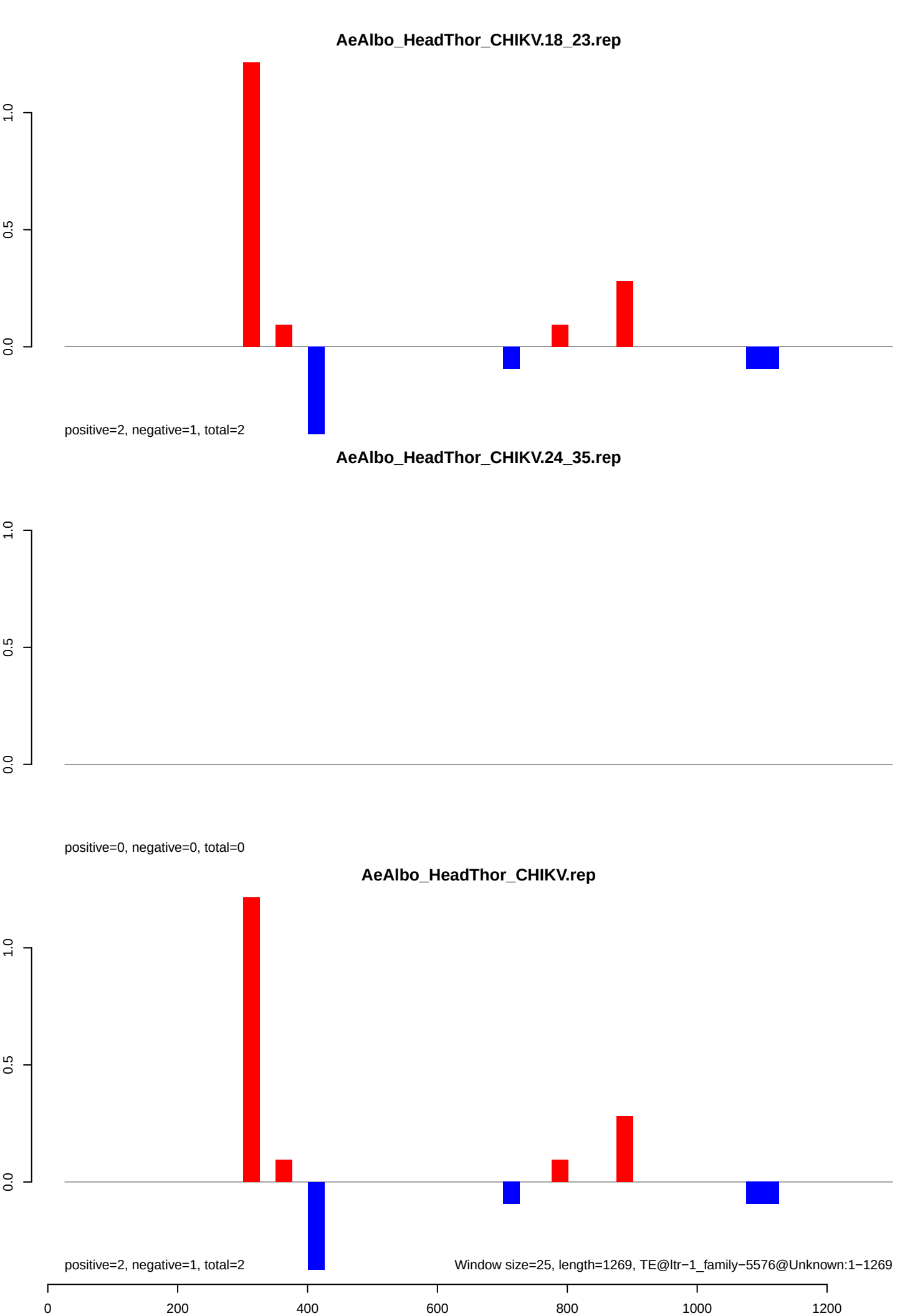

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=6, negative=0, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=6, negative=0, total=6
Window size=25, length=841, TE@ltr−1_family−5885@DNA_MULE−MuDR:1−841
0
200
400
600
800

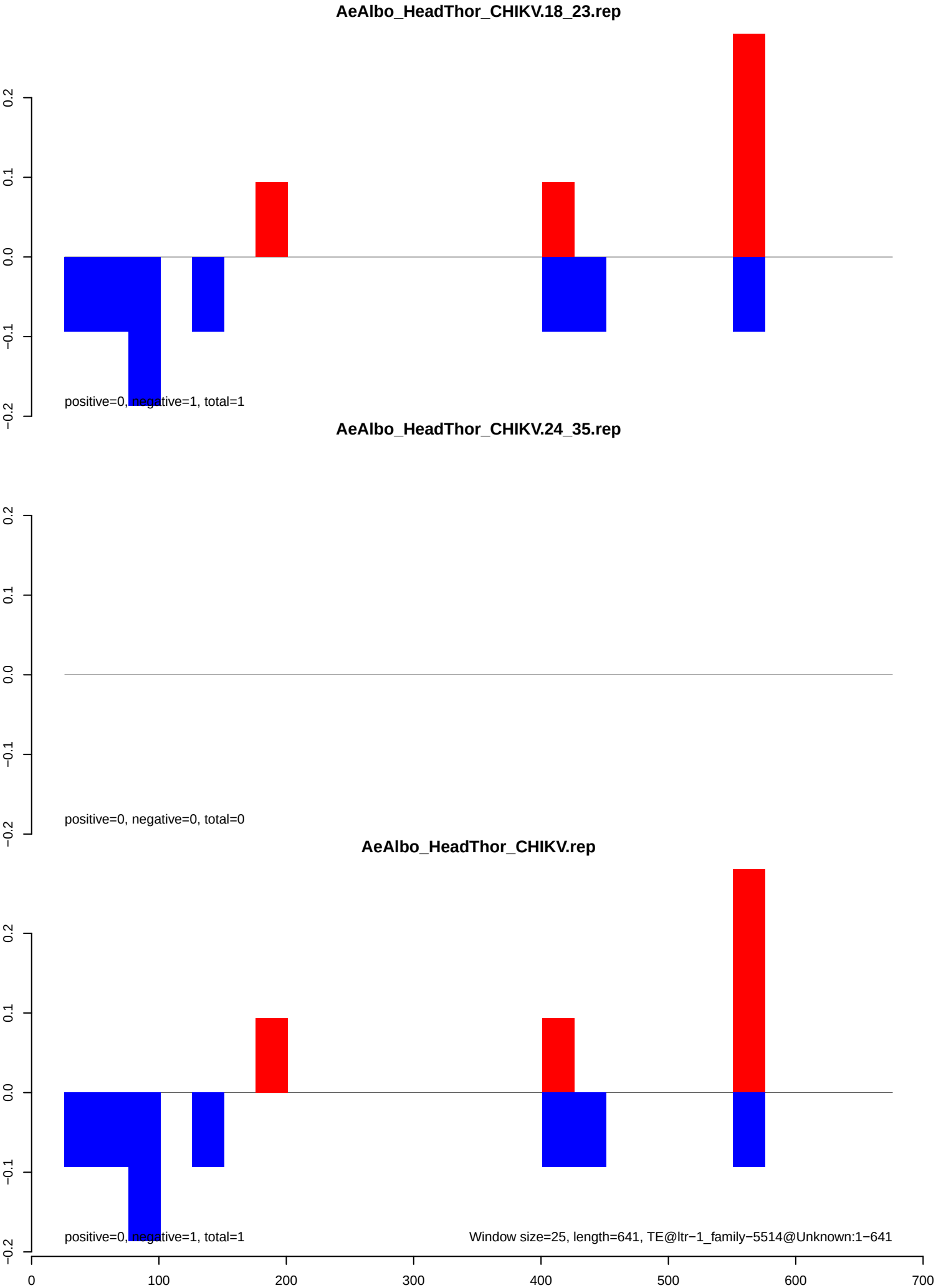

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1307, TE@ltr−1_family−5758@LTR_Gypsy:1−1307
0
200
400
600
800
1000
1200
1400

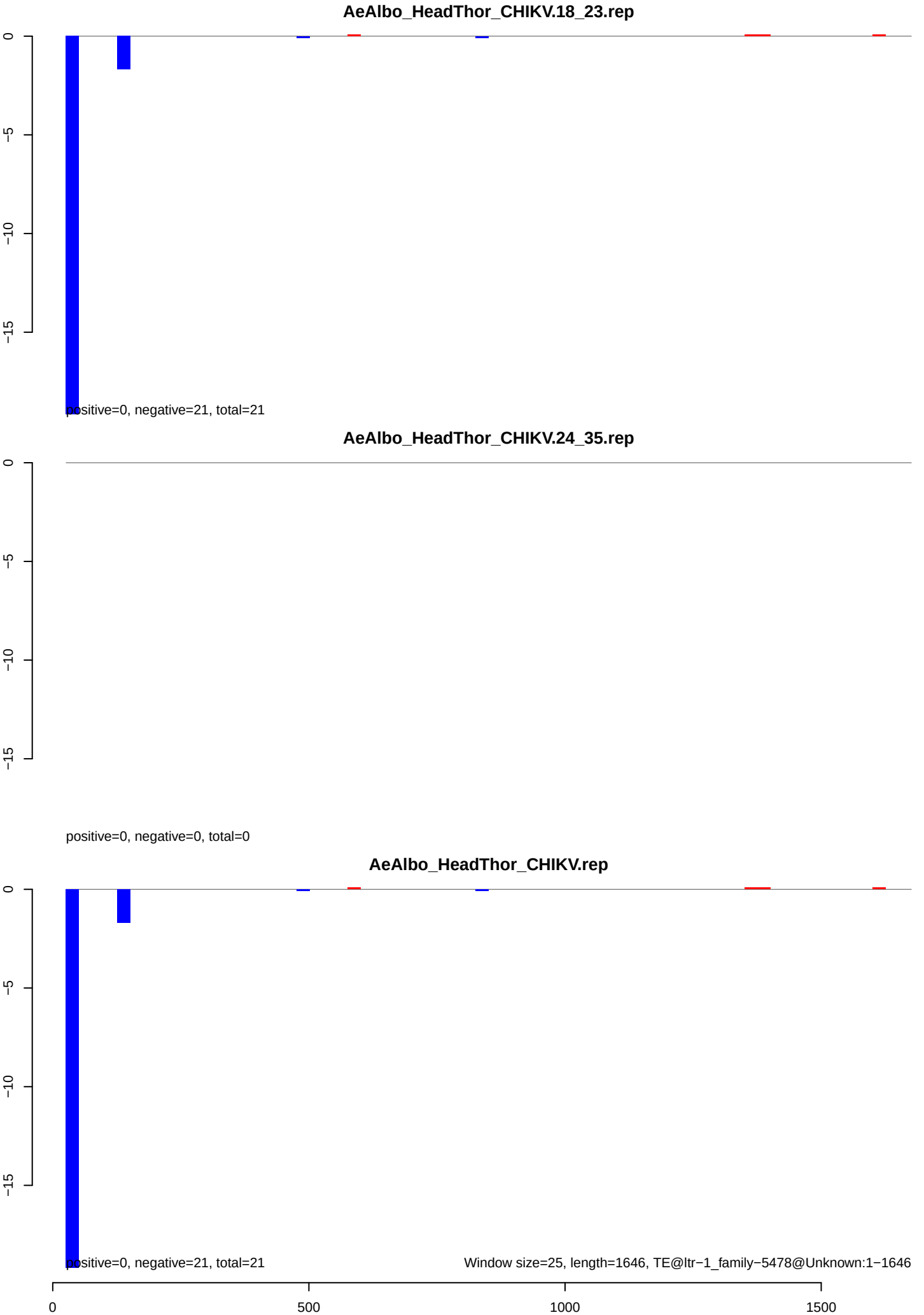

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1

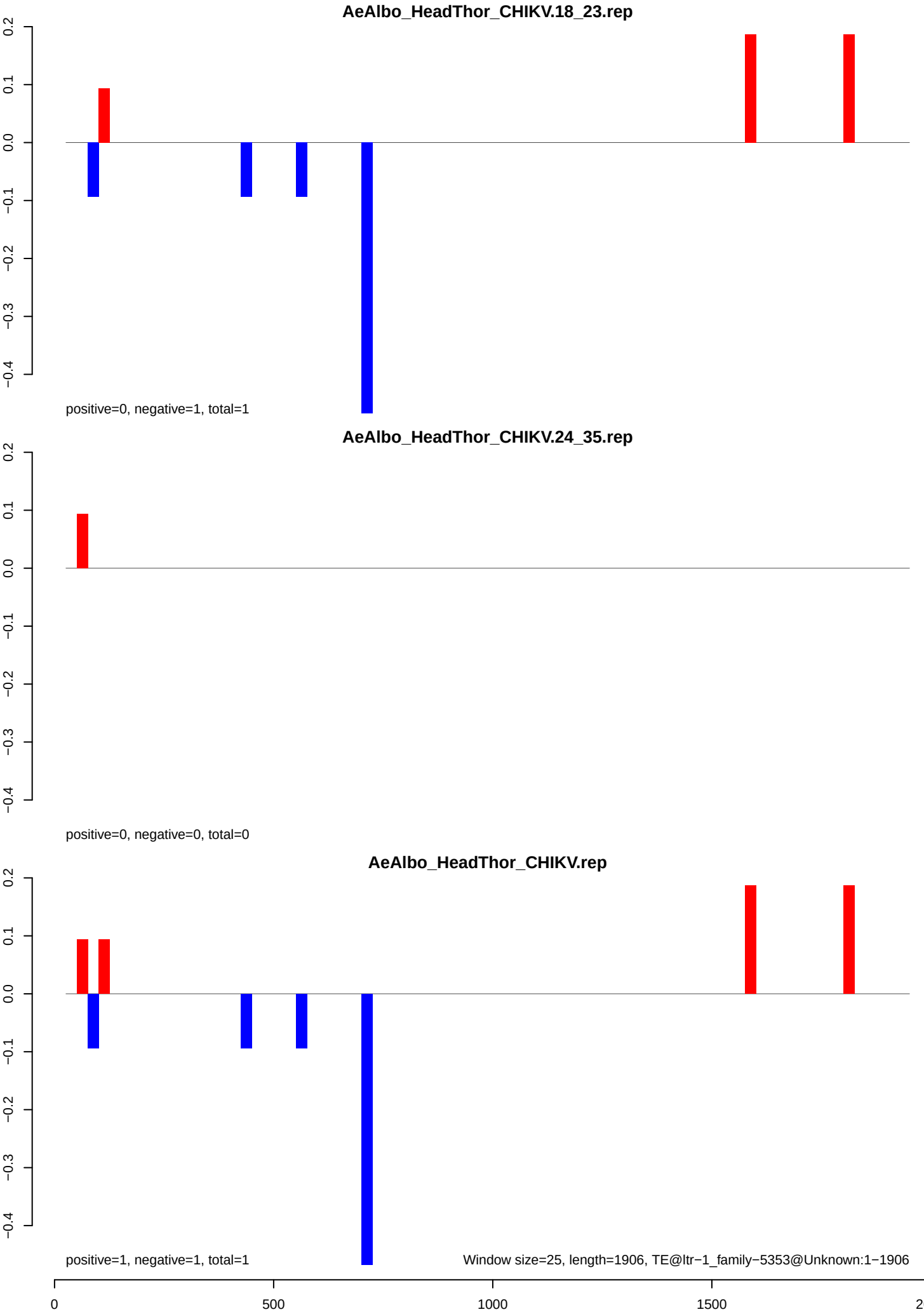

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

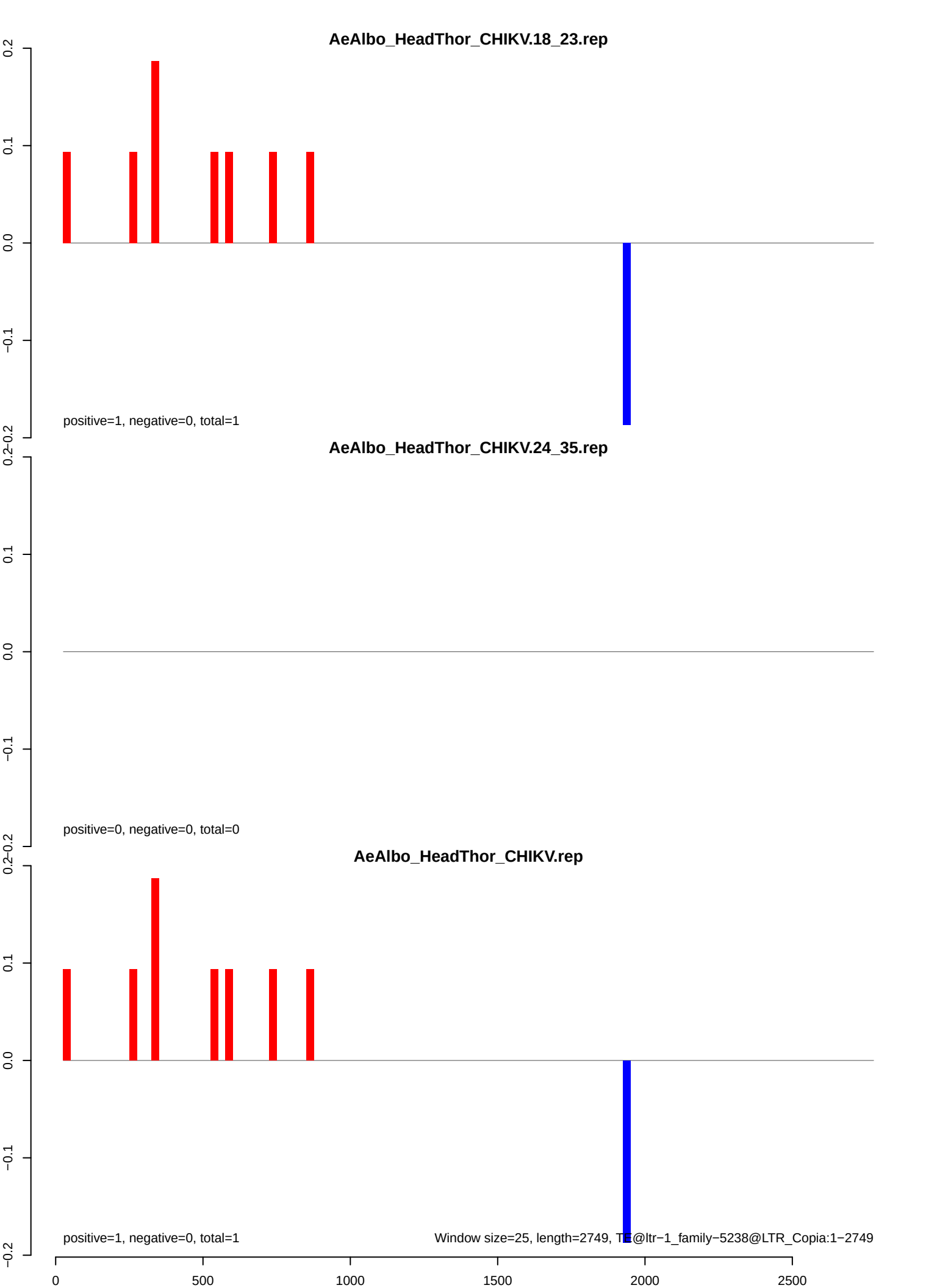

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=2720, TE@ltr−1_family−5632@LTR_Pao:1−2720
0
500
1000
1500
2000
2500

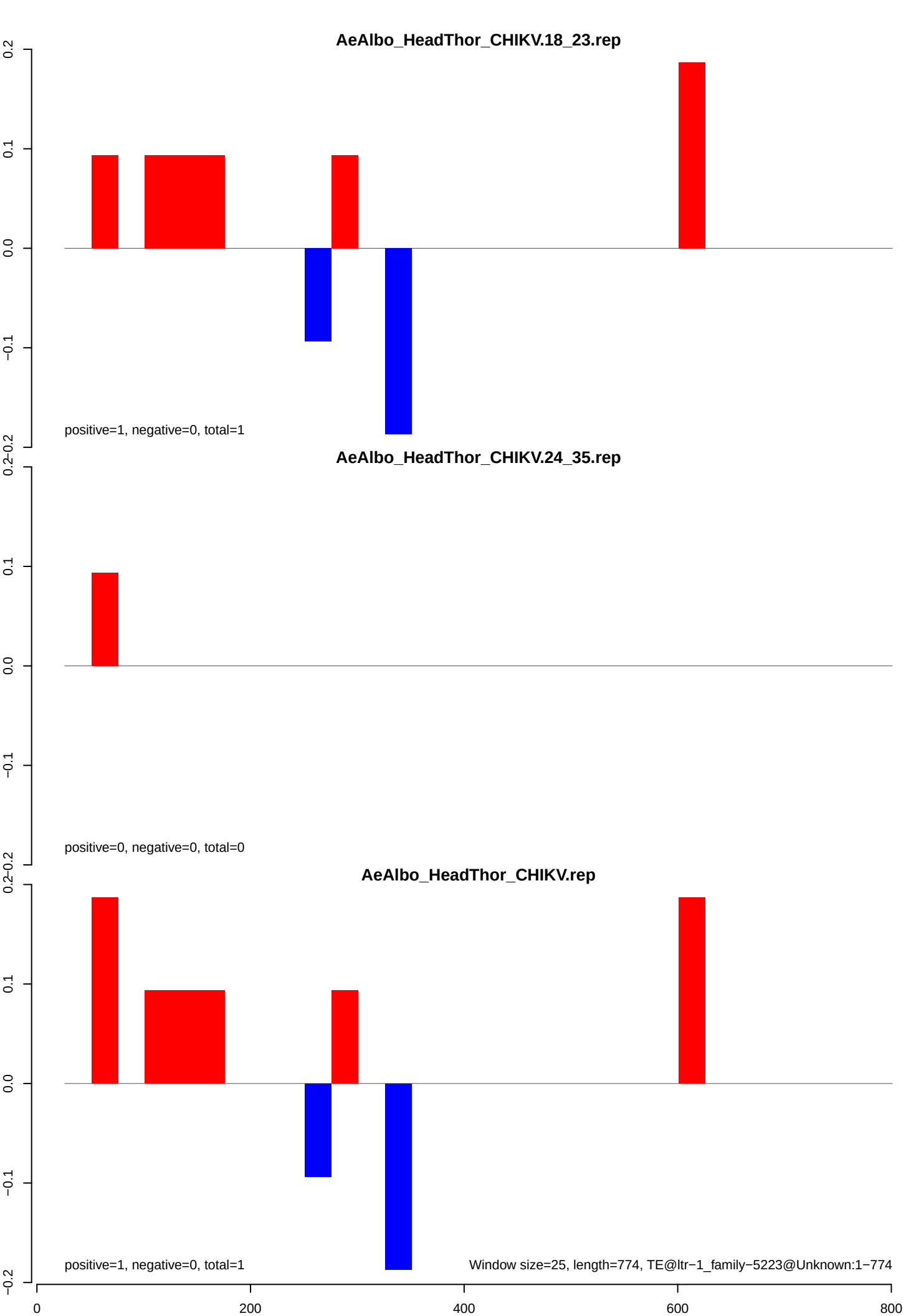

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=2, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=2, negative=1, total=2
Window size=25, length=1269, TE@ltr−1_family−5576@Unknown:1−1269
0
200
400
600
800
1000
1200

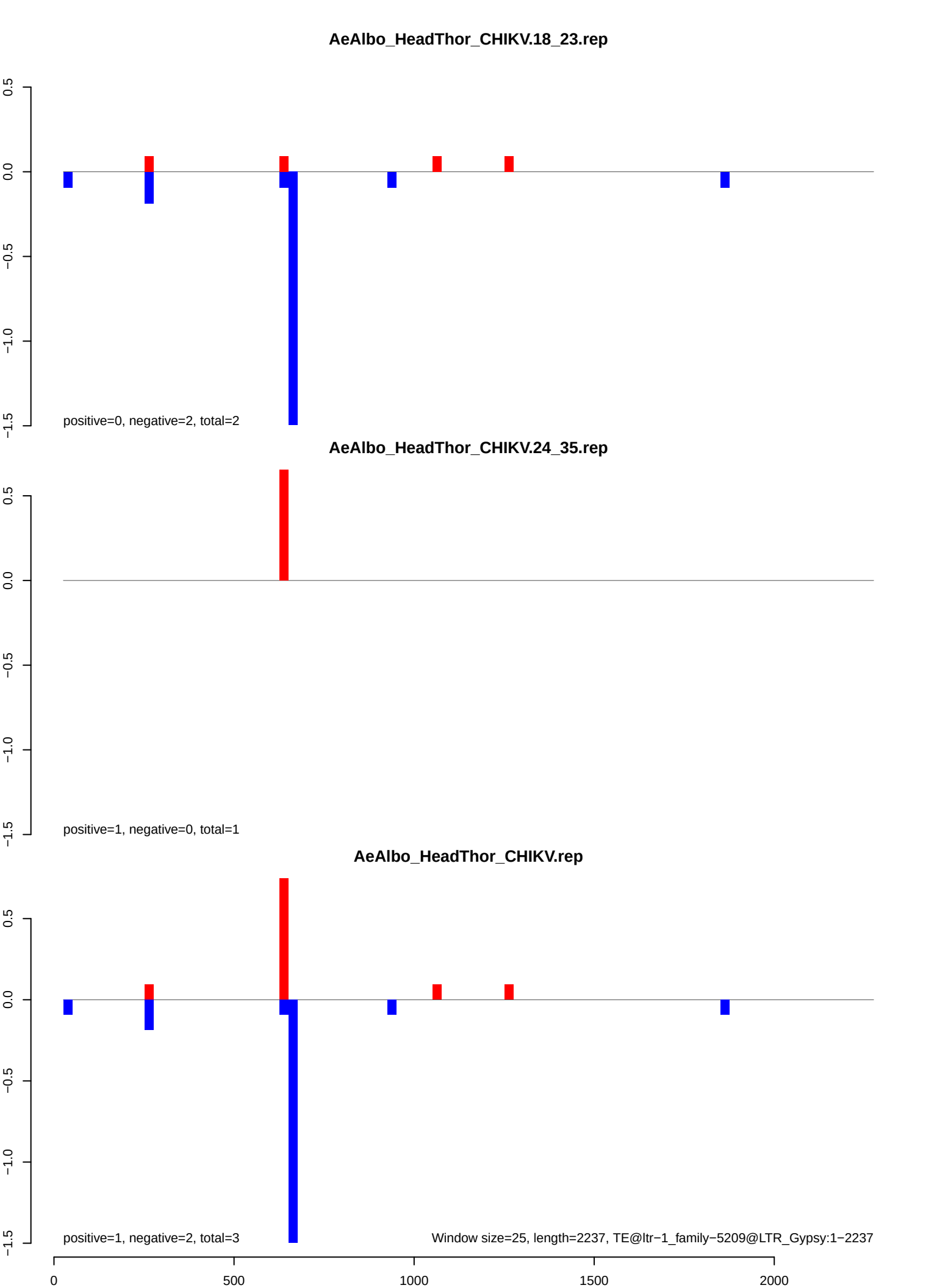

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=641, TE@ltr−1_family−5514@Unknown:1−641
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400
500
600
700

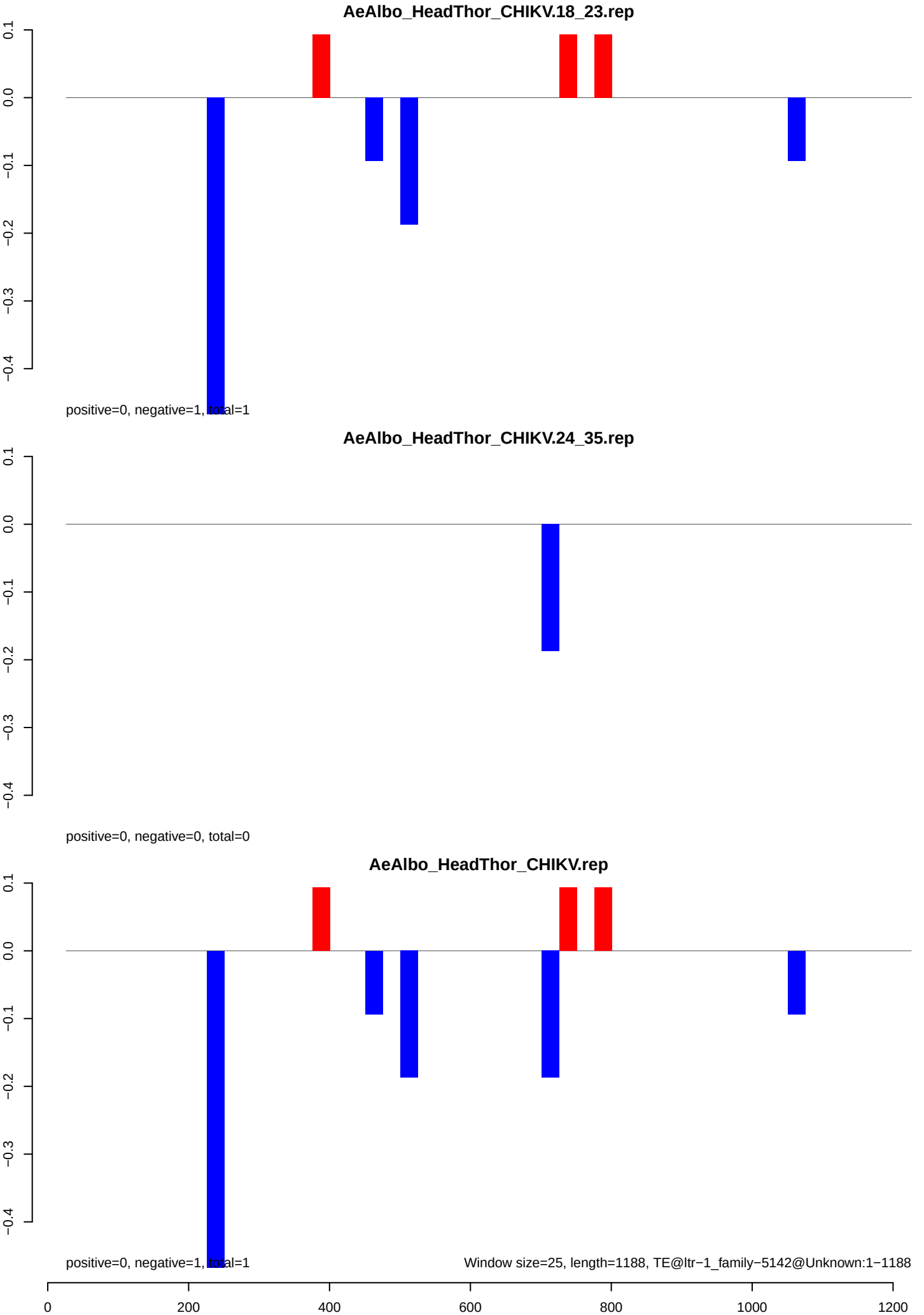

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=0, negative=21, total=21
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=21, total=21
Window size=25, length=1646, TE@ltr−1_family−5478@Unknown:1−1646
0
500
1000
1500

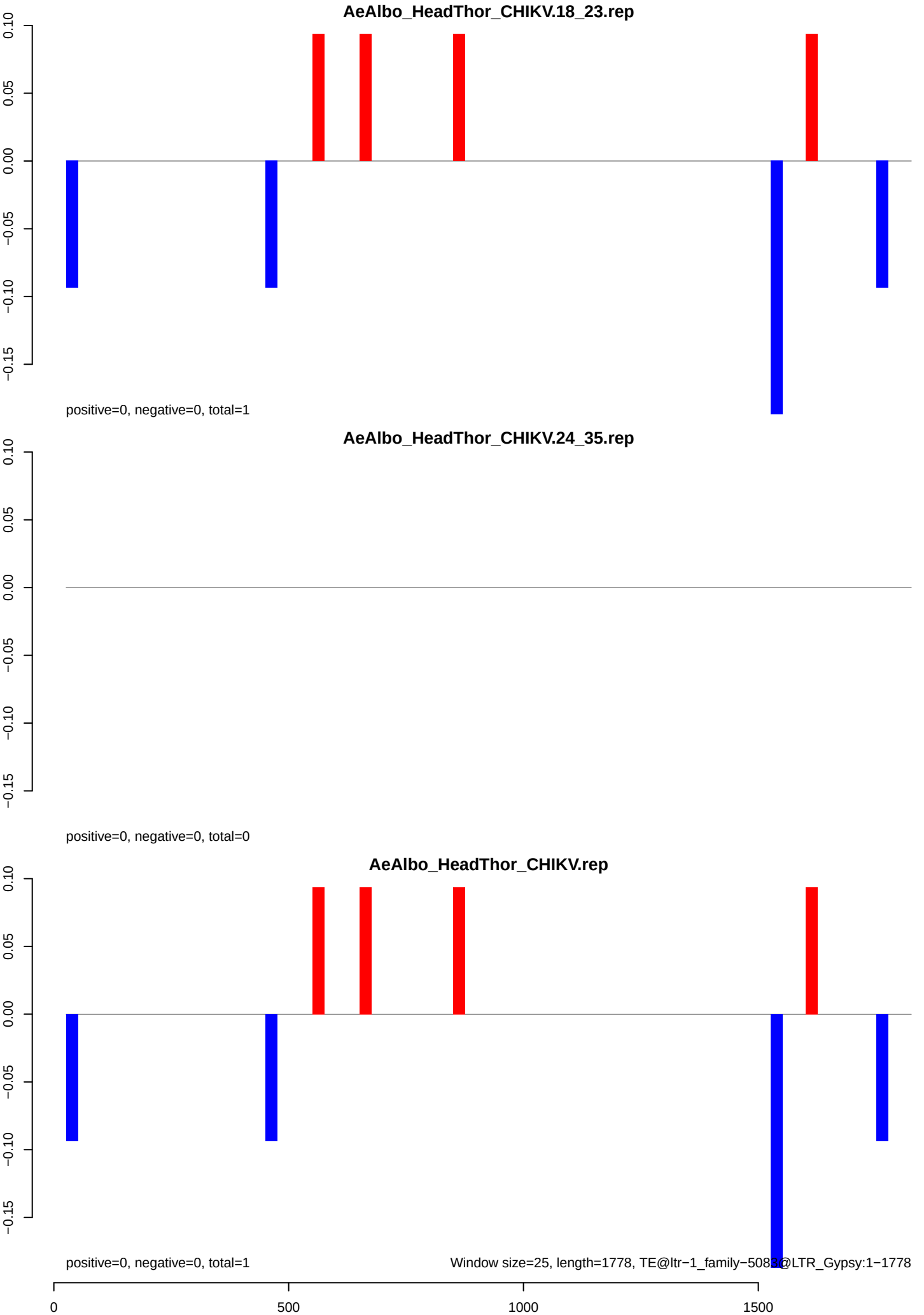

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=1
Window size=25, length=1906, TE@ltr−1_family−5353@Unknown:1−1906
0
500
1000
1500
2000

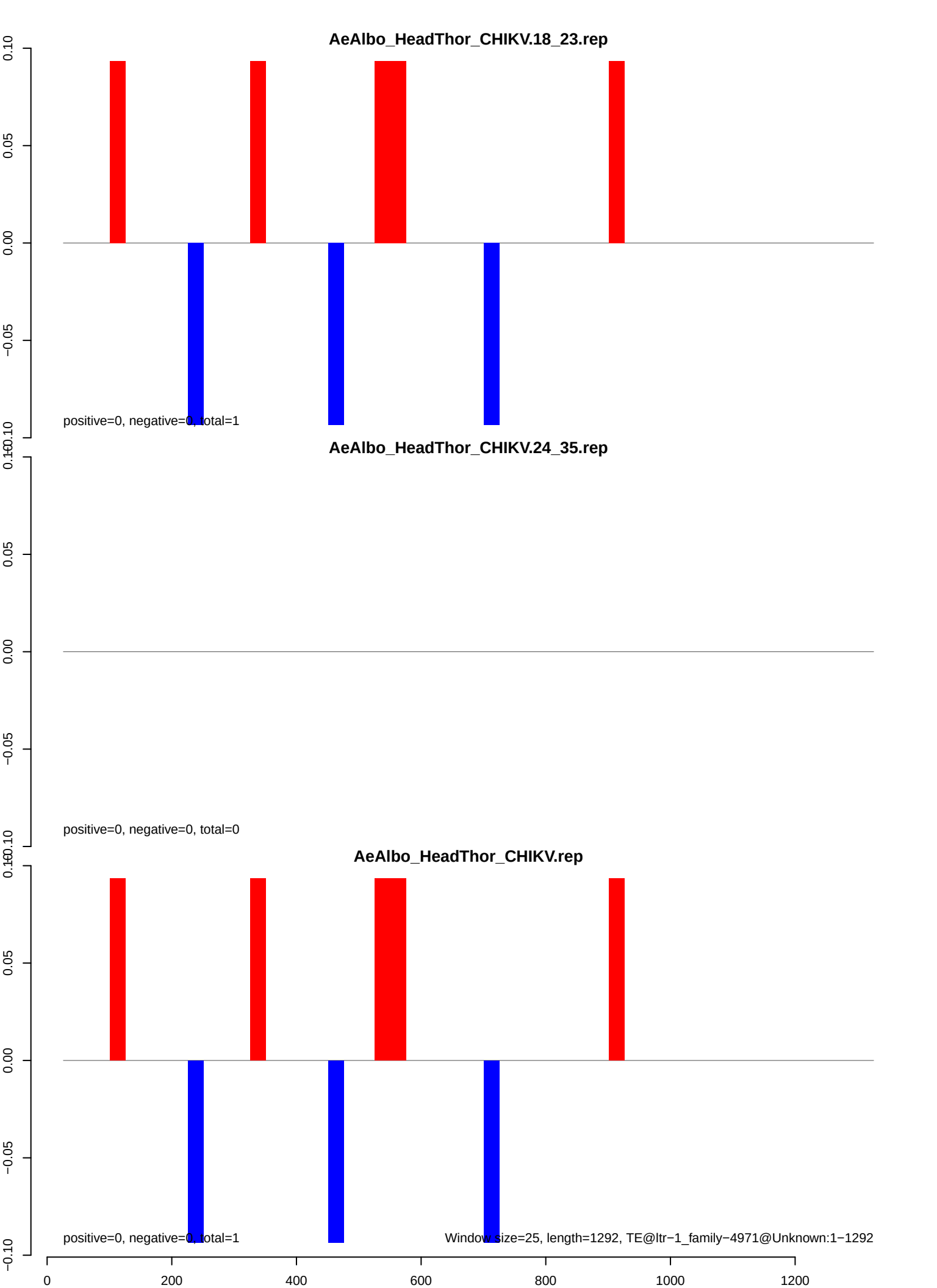

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=2749, TE@ltr−1_family−5238@LTR_Copia:1−2749
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500

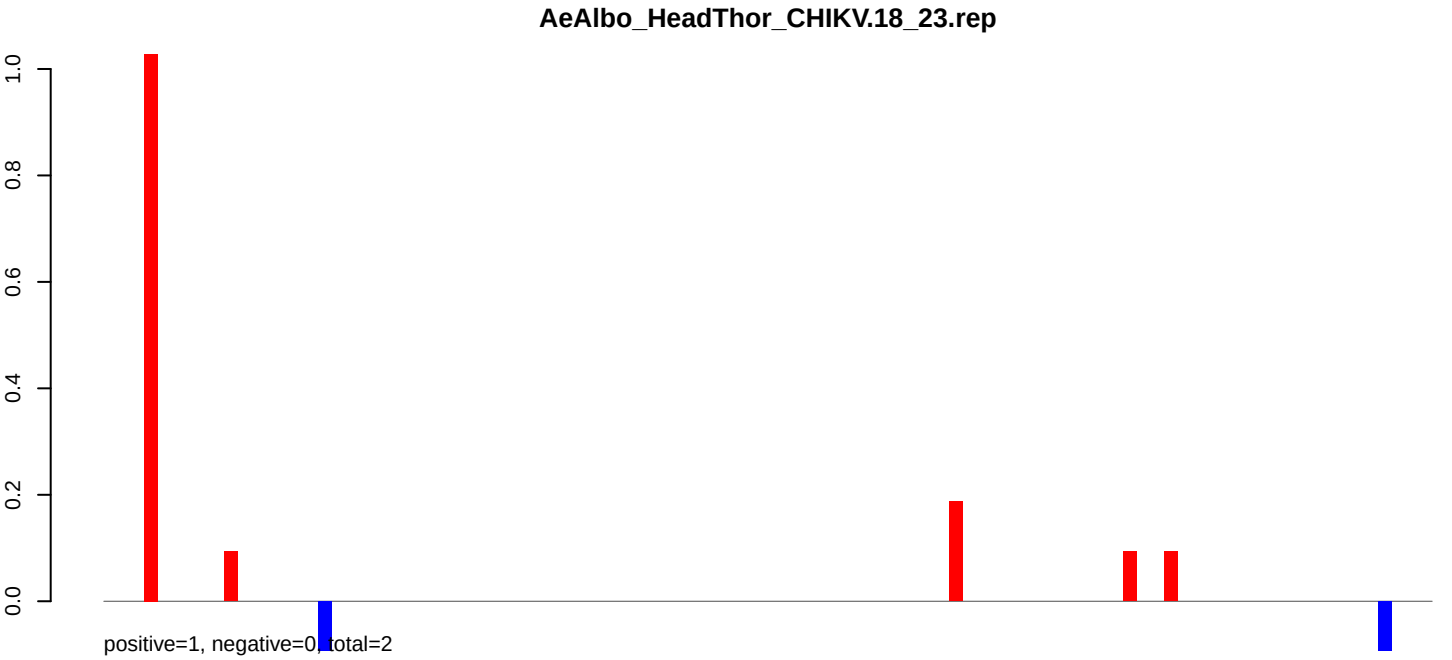

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=774, TE@ltr−1_family−5223@Unknown:1−774
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800

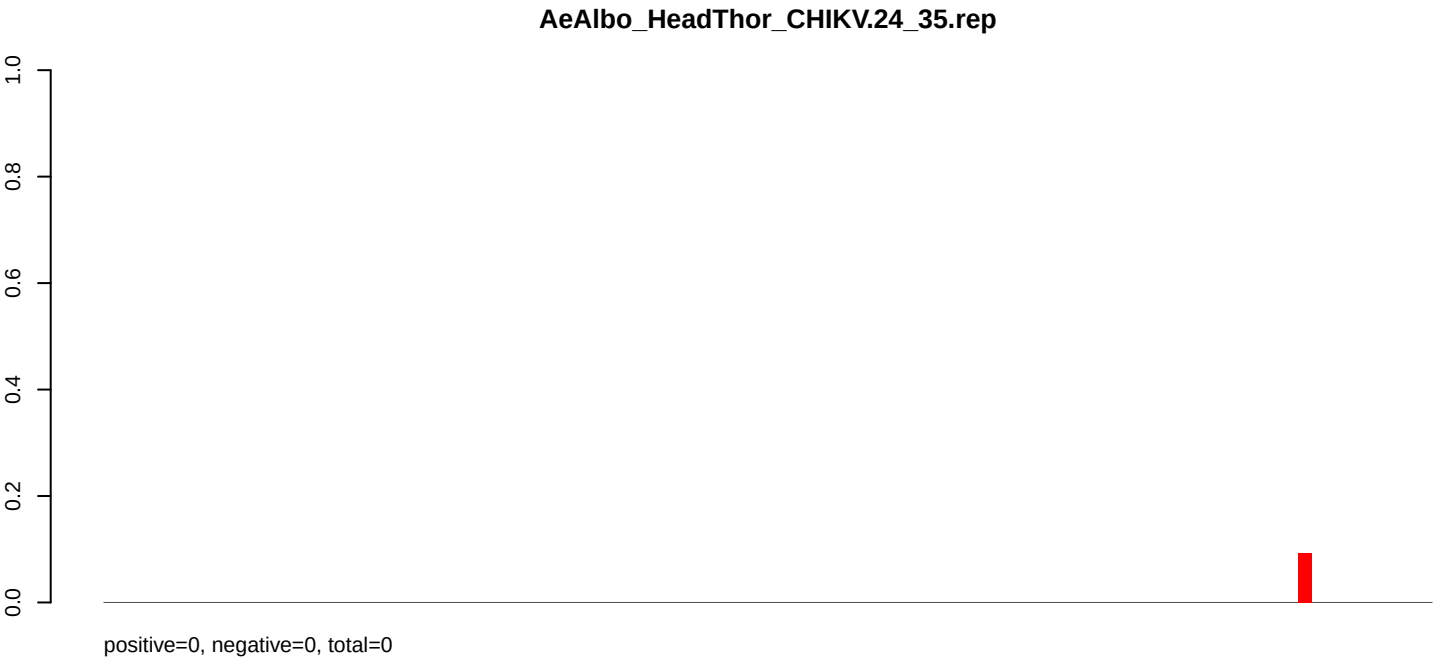

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
Window size=25, length=2237, TE@ltr−1_family−5209@LTR_Gypsy:1−2237
0
500
1000
1500
2000

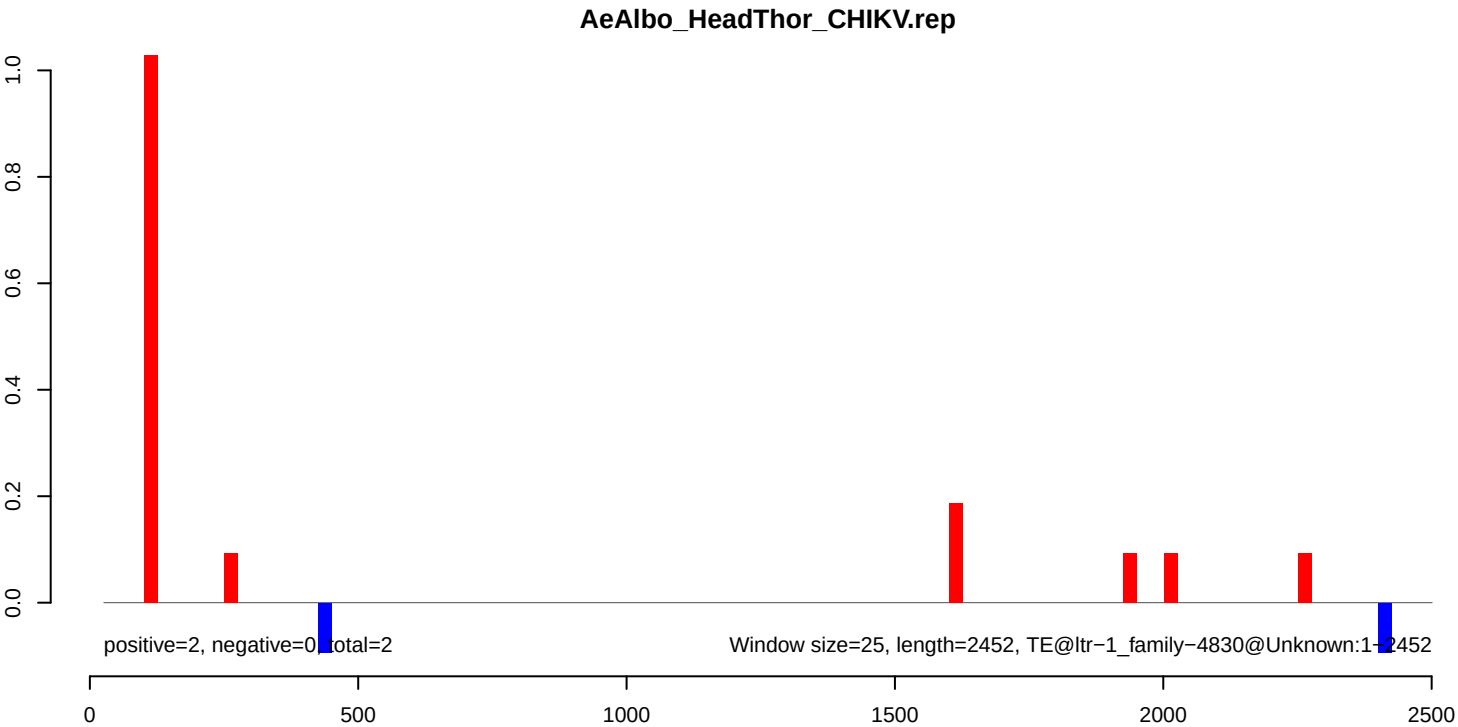

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1188, TE@ltr−1_family−5142@Unknown:1−1188
0
200
400
600
800
1000
1200

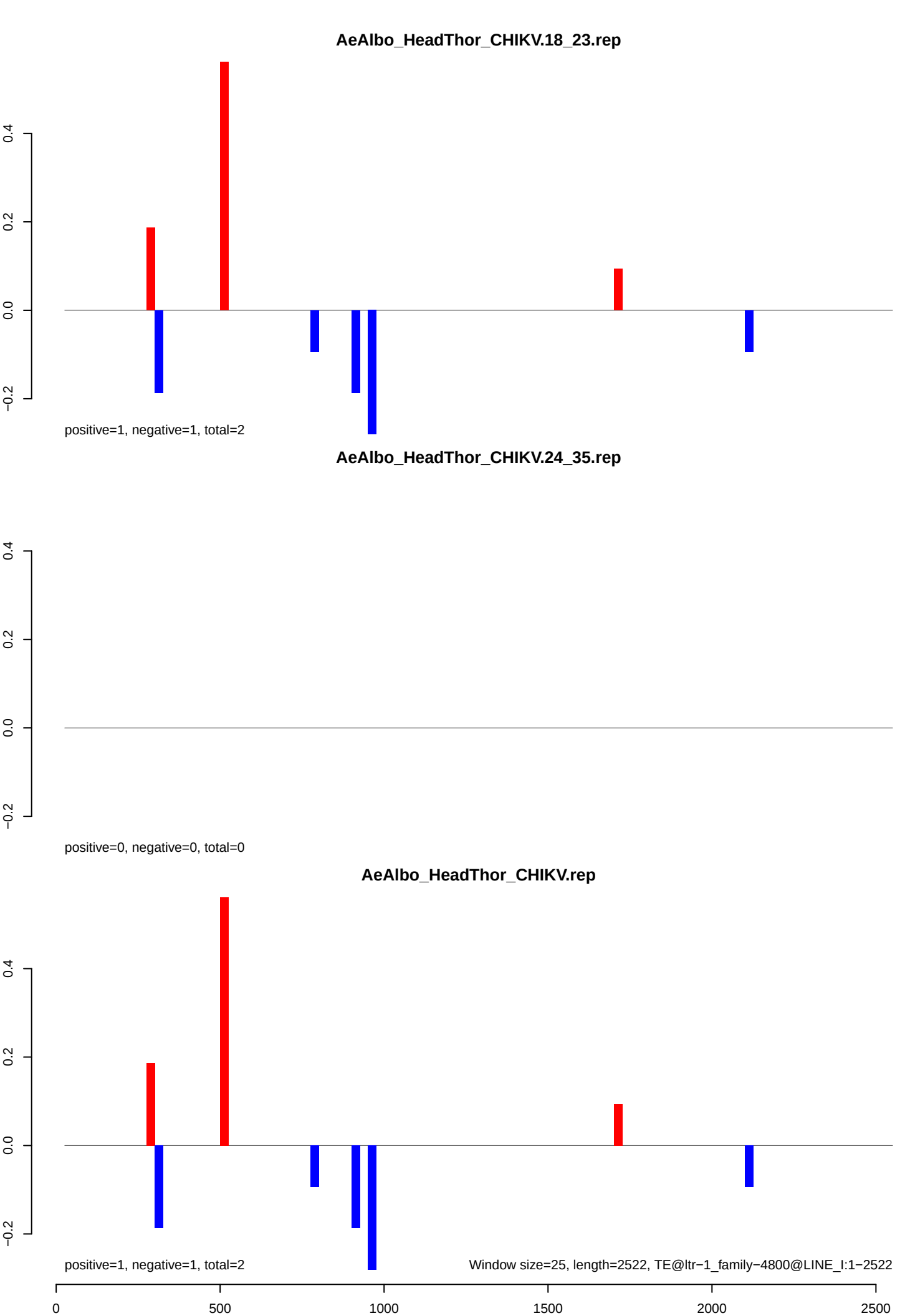

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1778, TE@ltr−1_family−5083@LTR_Gypsy:1−1778
0
500
1000
1500

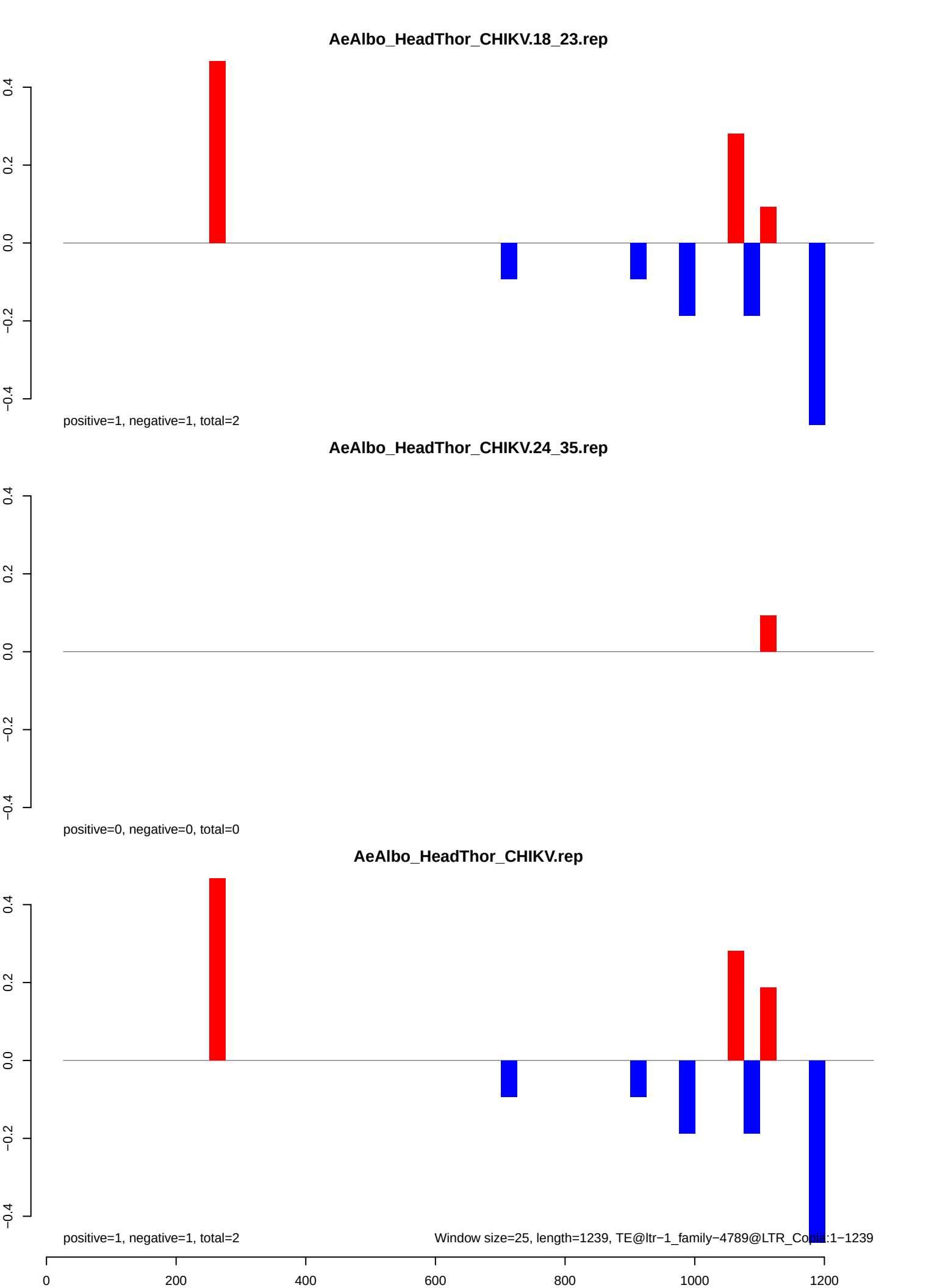

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1292, TE@ltr−1_family−4971@Unknown:1−1292
0
200
400
600
800
1000
1200

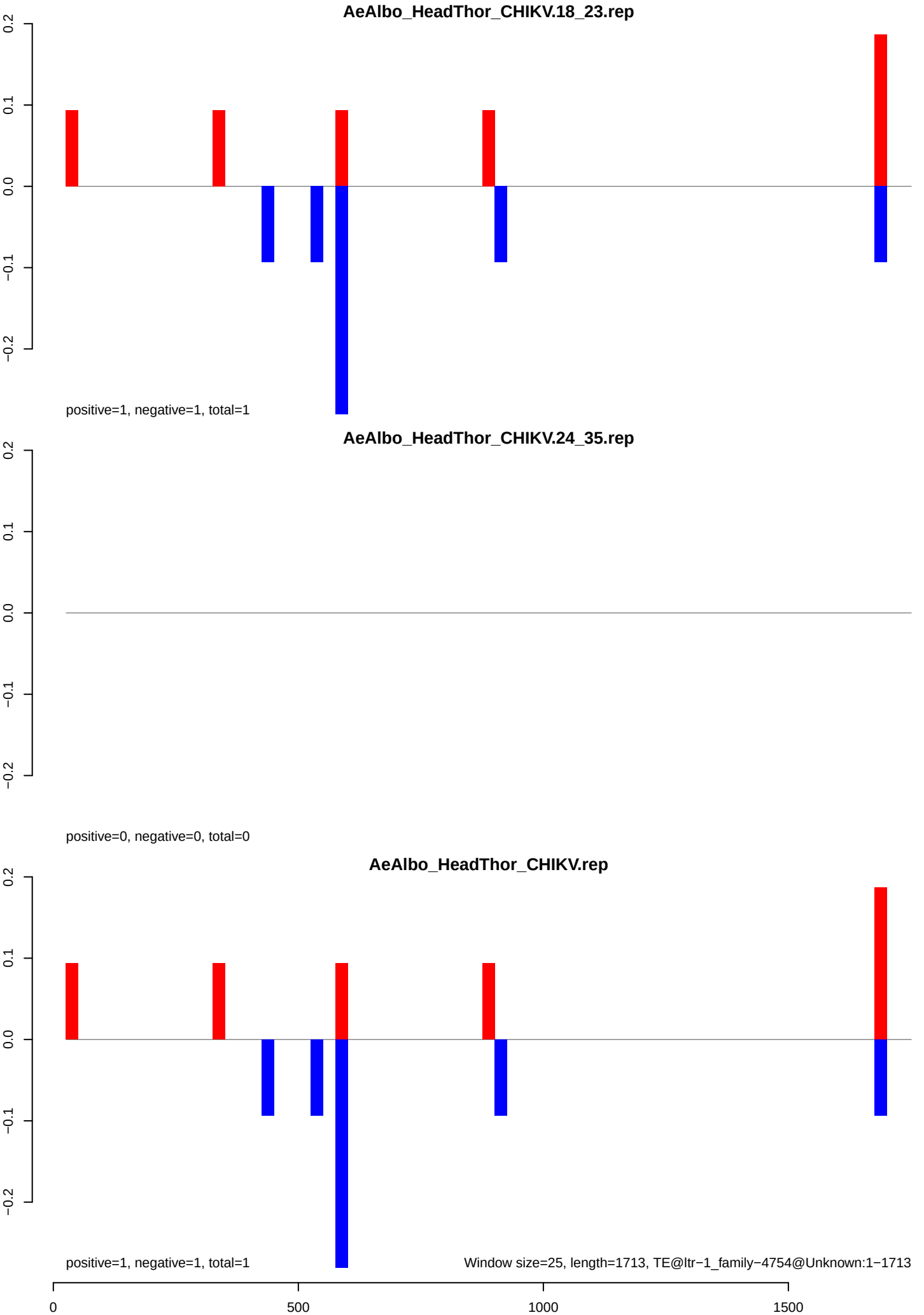

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=1, negative=0, total=2

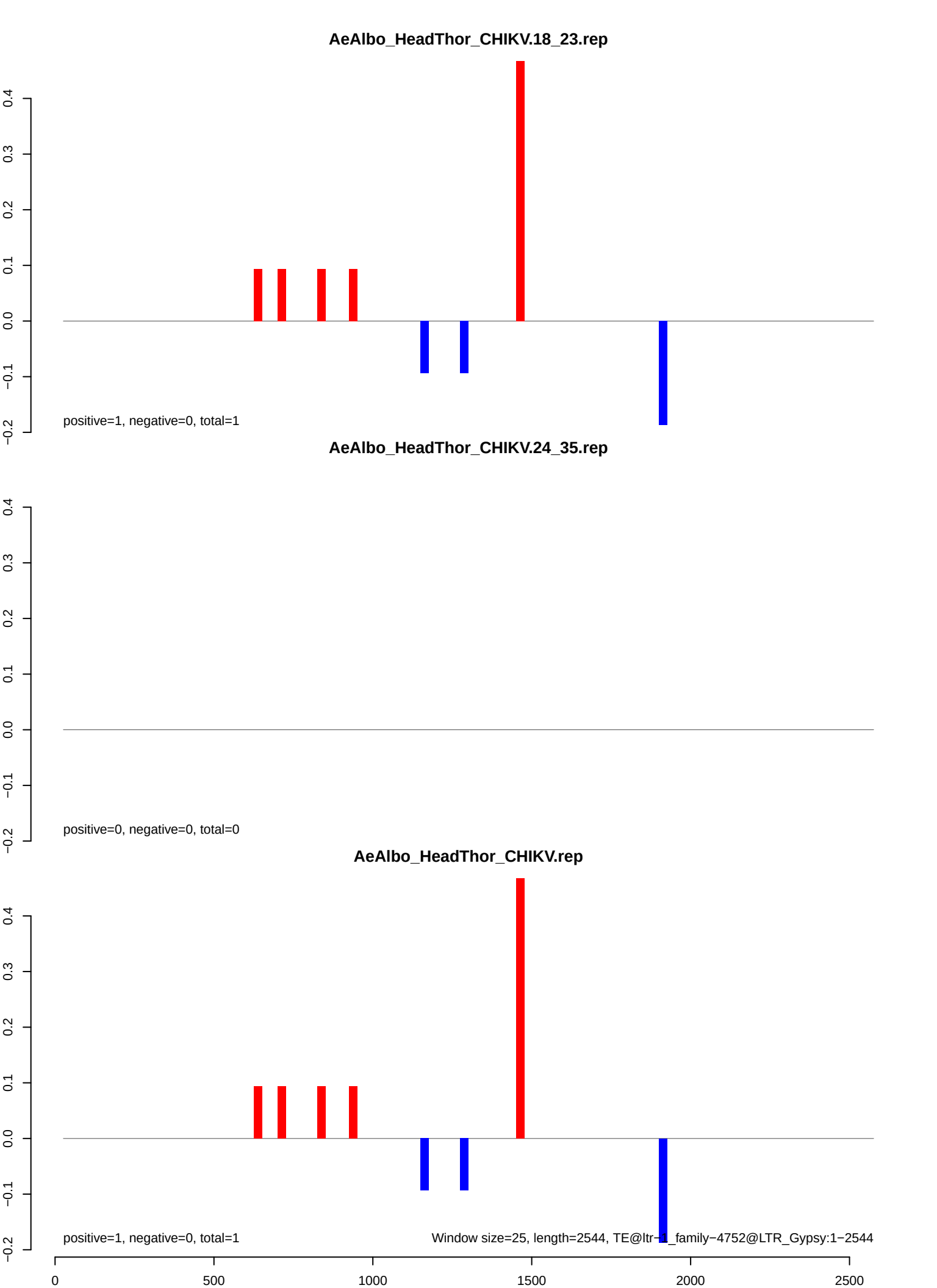

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=0, negative=0, total=0

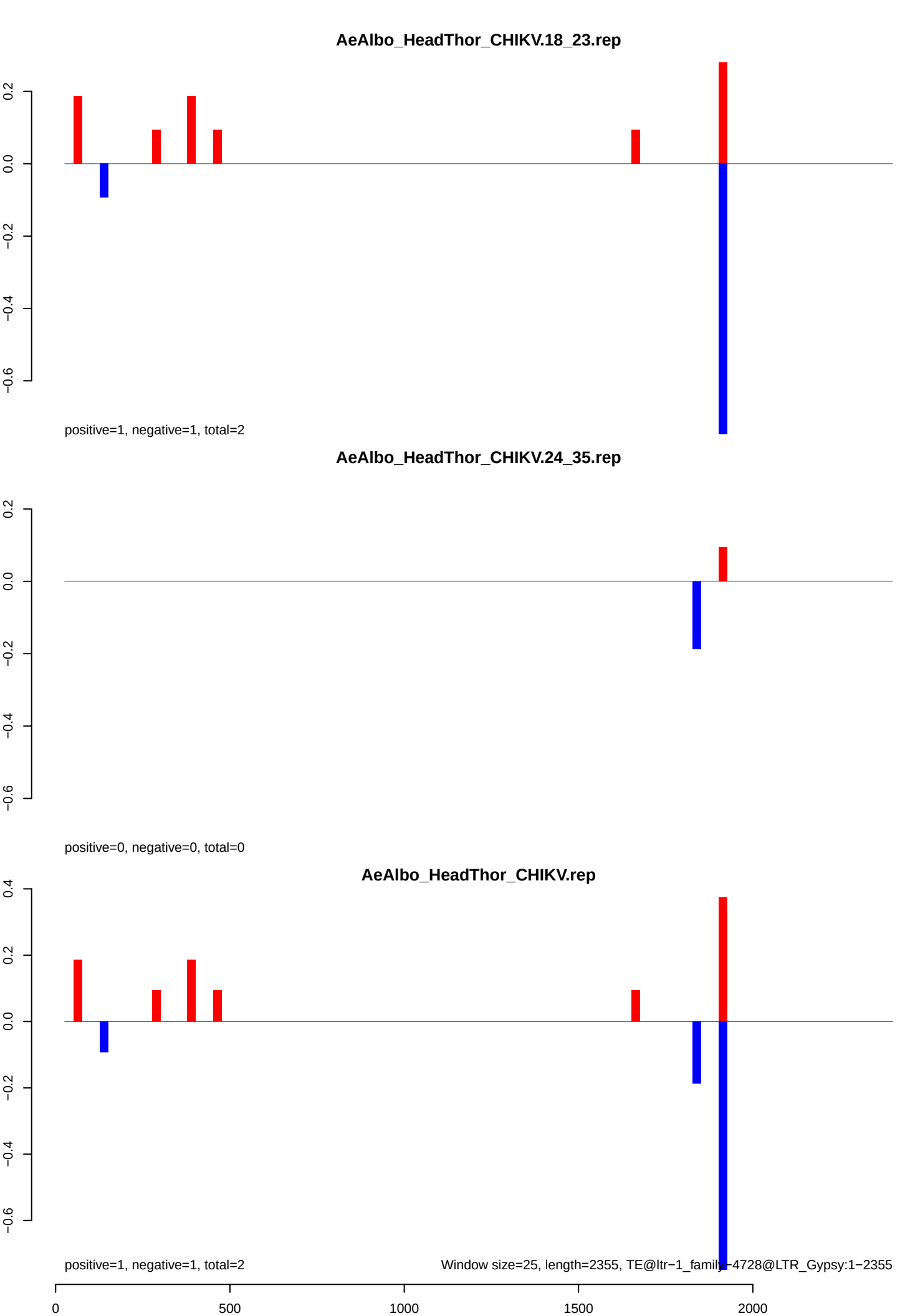

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=2, negative=0, total=2
Window size=25, length=2452, TE@ltr−1_family−4830@Unknown:1−2452
0
500
1000
1500
2000
2500

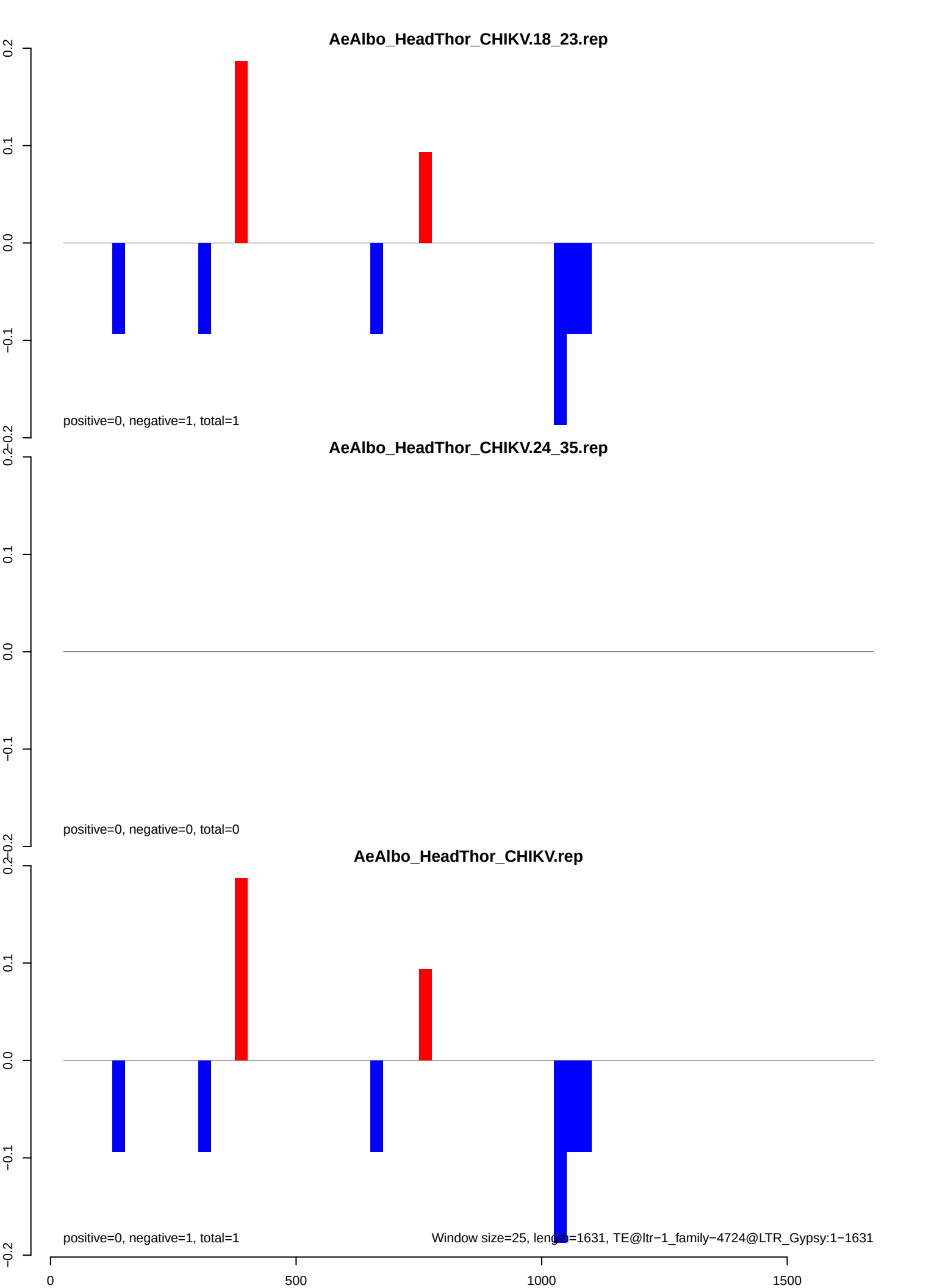

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=2
Window size=25, length=2522, TE@ltr−1_family−4800@LINE_I:1−2522
0
500
1000
1500
2000
2500

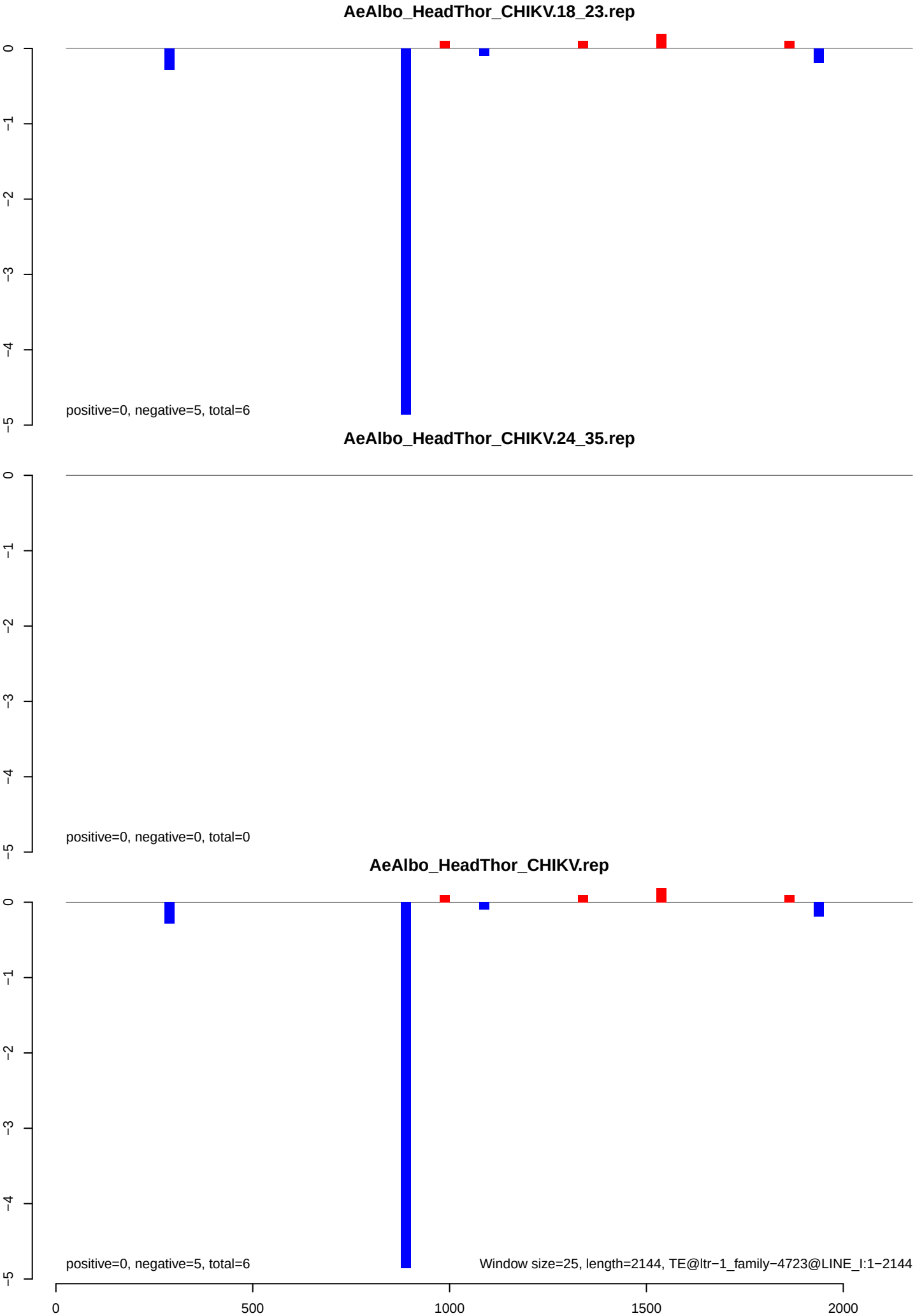

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=1239, TE@ltr−1_family−4789@LTR_Copia:1−1239
0
200
400
600
800
1000
1200

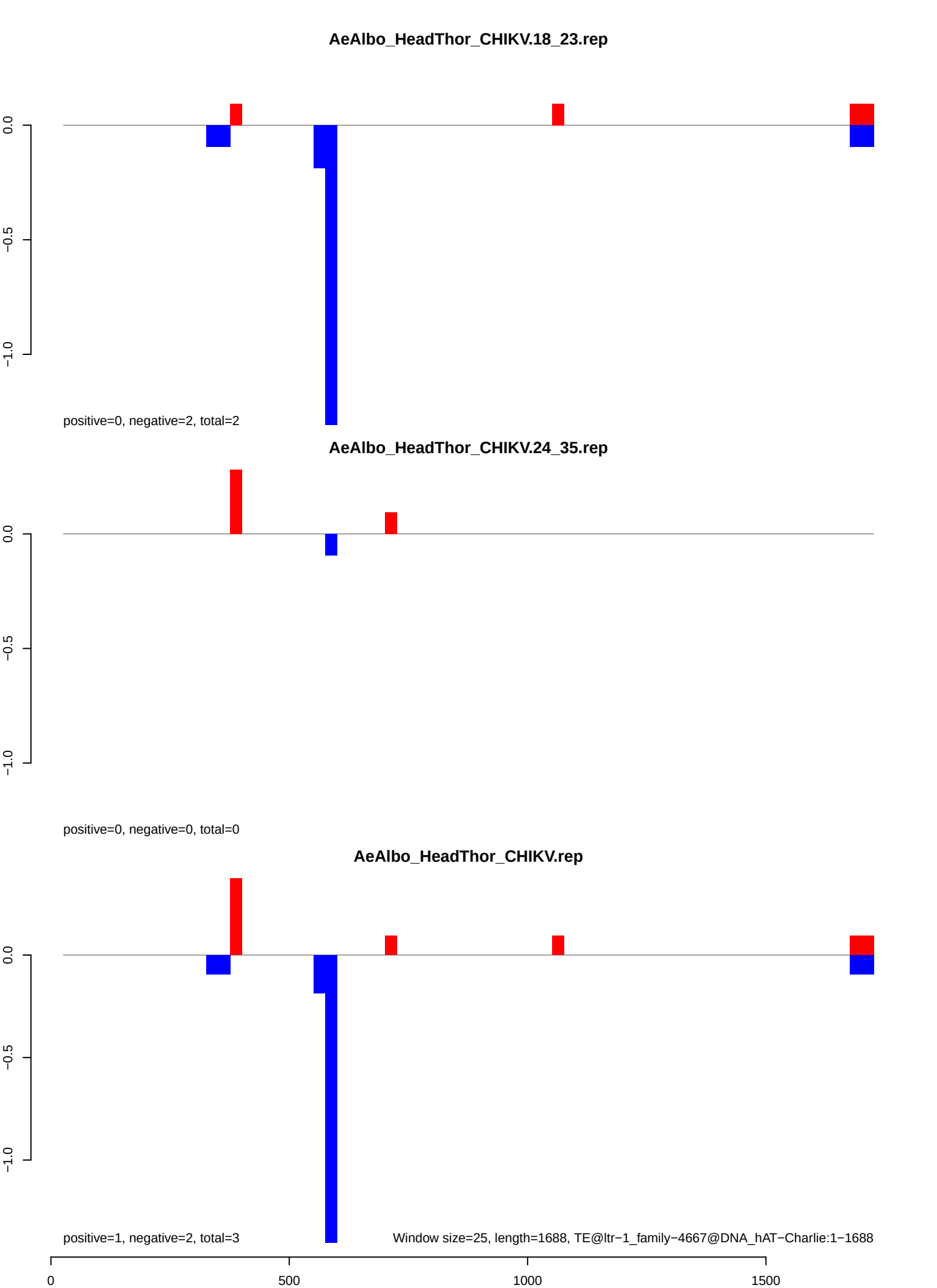

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=1, total=1
Window size=25, length=1713, TE@ltr−1_family−4754@Unknown:1−1713
0
500
1000
1500

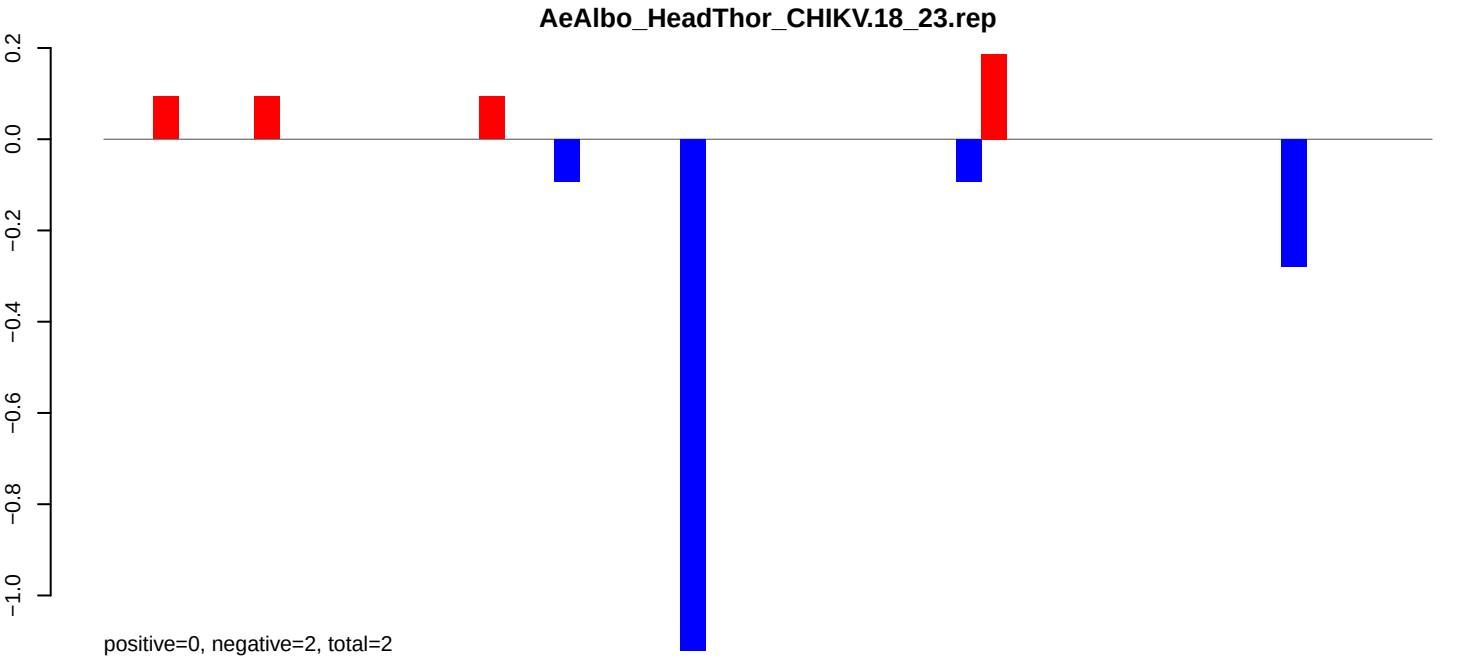

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=2544, TE@ltr-1_family-4752@LTR_Gypsy:1-2544
0.4
0.3
0.2
0.1
0.0
-0.1
-0.2
0
500
1000
1500
2000
2500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
Window size=25, length=2355, TE@ltr−1_family−4728@LTR_Gypsy:1−2355
0
500
1000
1500
2000

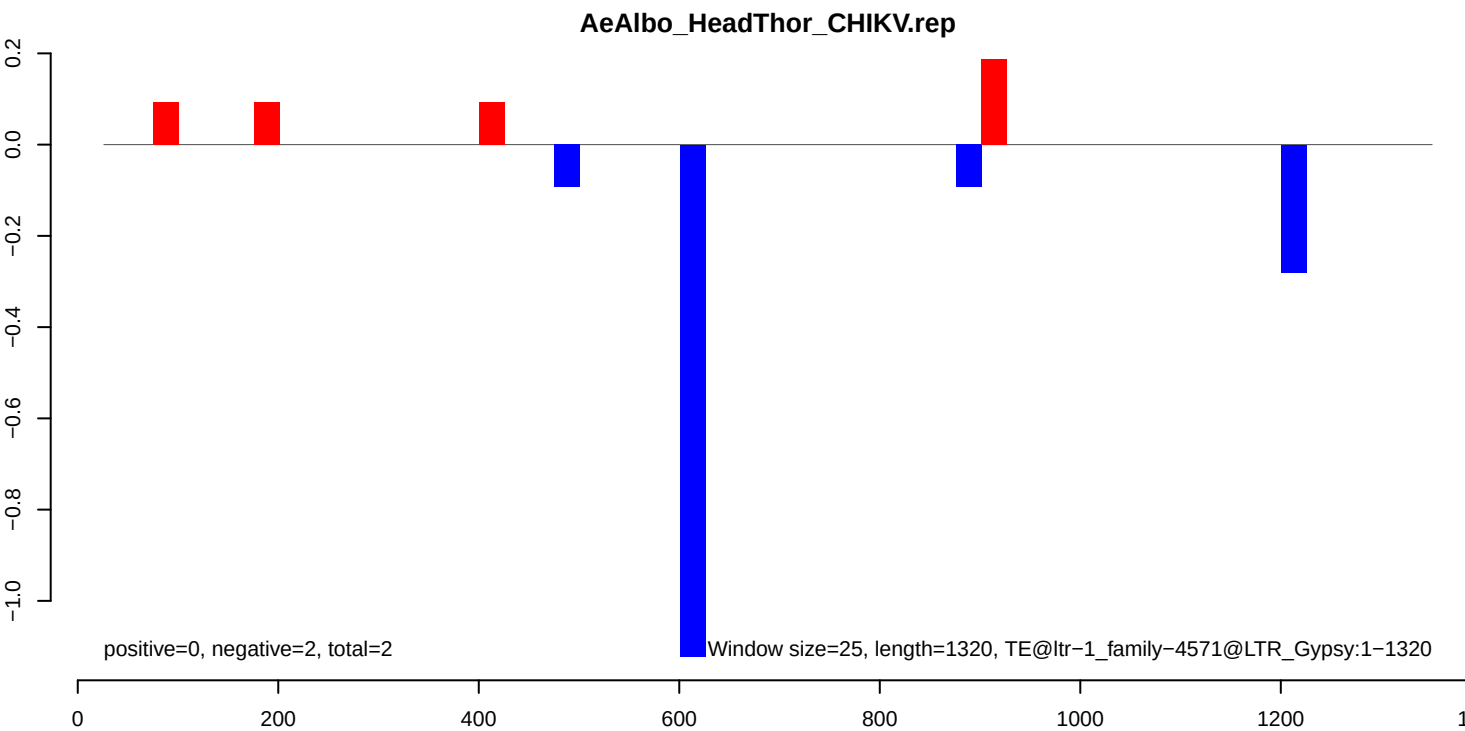

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=1631, TE@ltr−1_family−4724@LTR_Gypsy:1−1631
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500

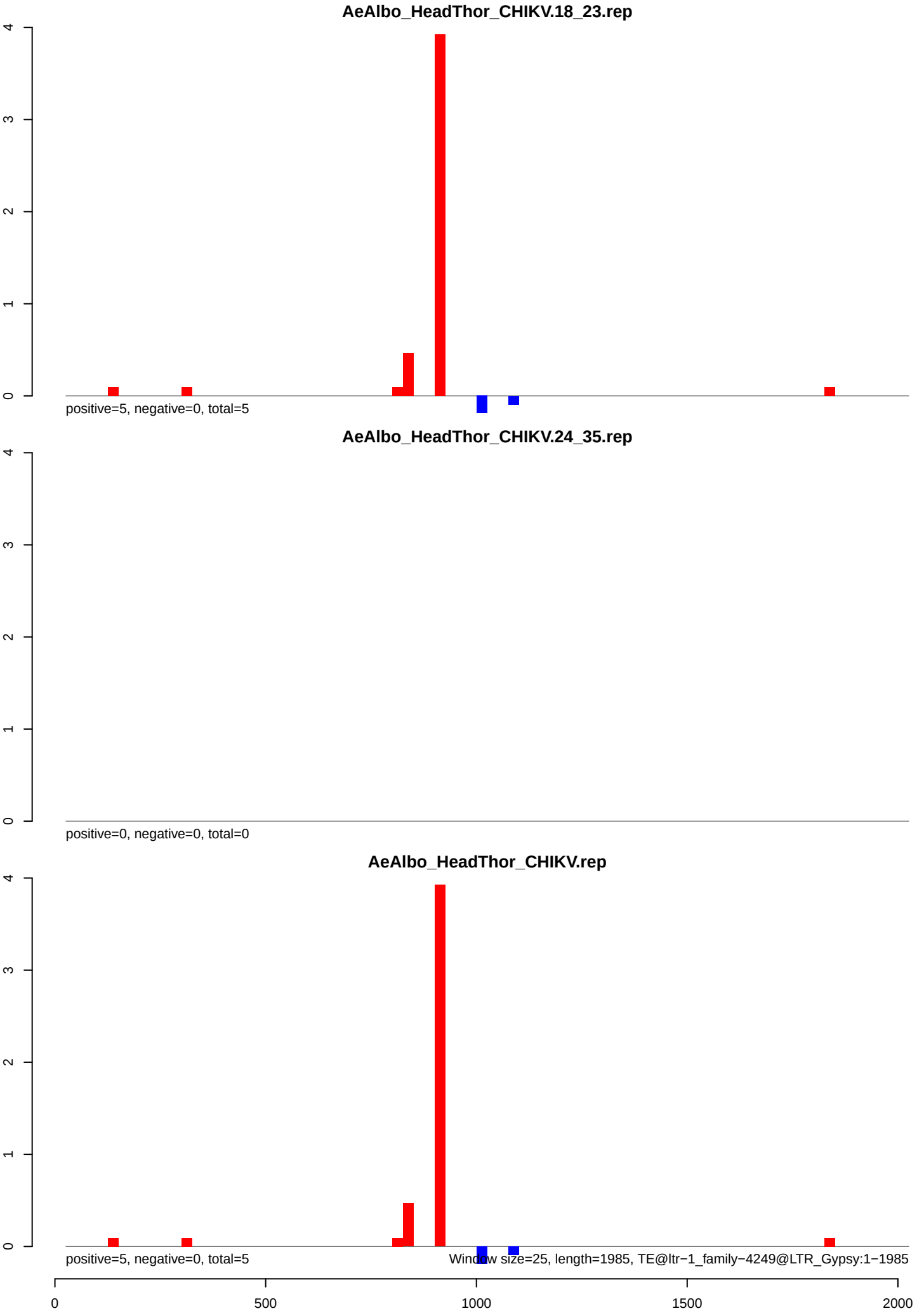

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=0, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=0, negative=5, total=6
Window size=25, length=2144, TE@ltr−1_family−4723@LINE_I:1−2144
0
500
1000
1500
2000

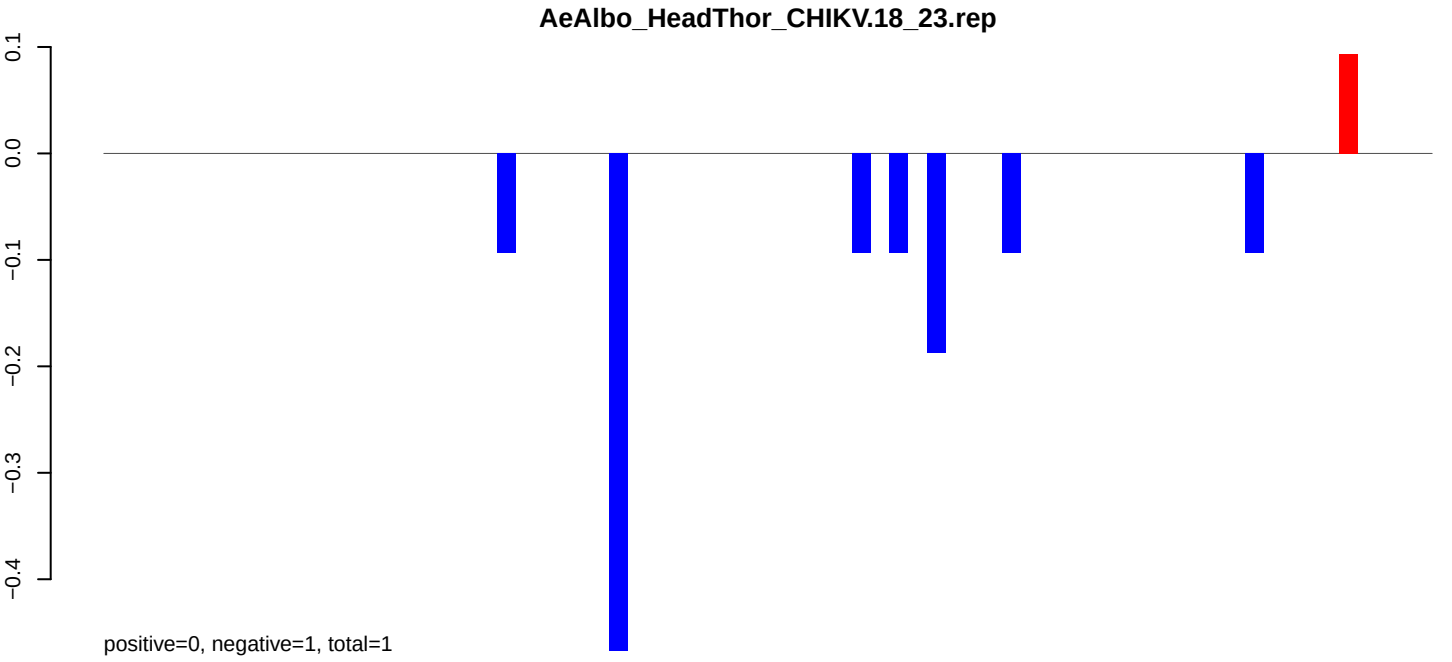

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=1, negative=2, total=3
Window size=25, length=1688, TE@ltr−1_family−4667@DNA_hAT−Charlie:1−1688
0
500
1000
1500

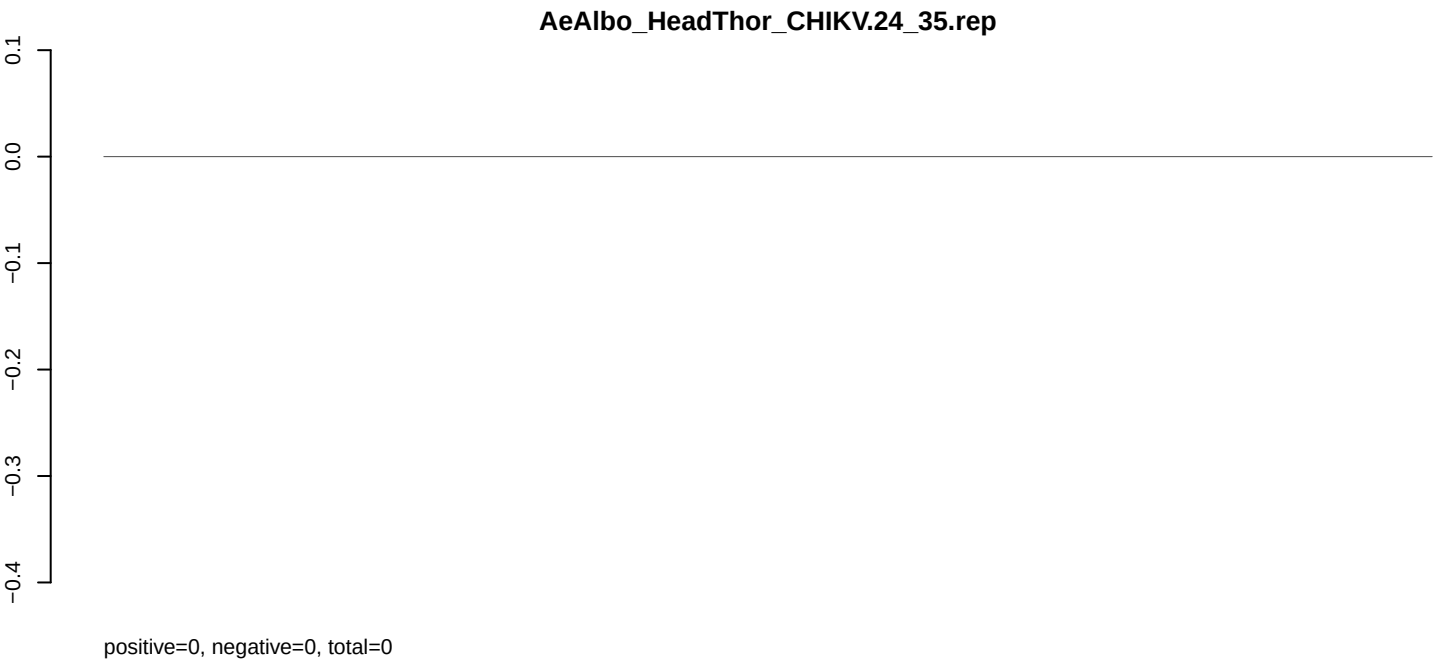

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=2, total=2

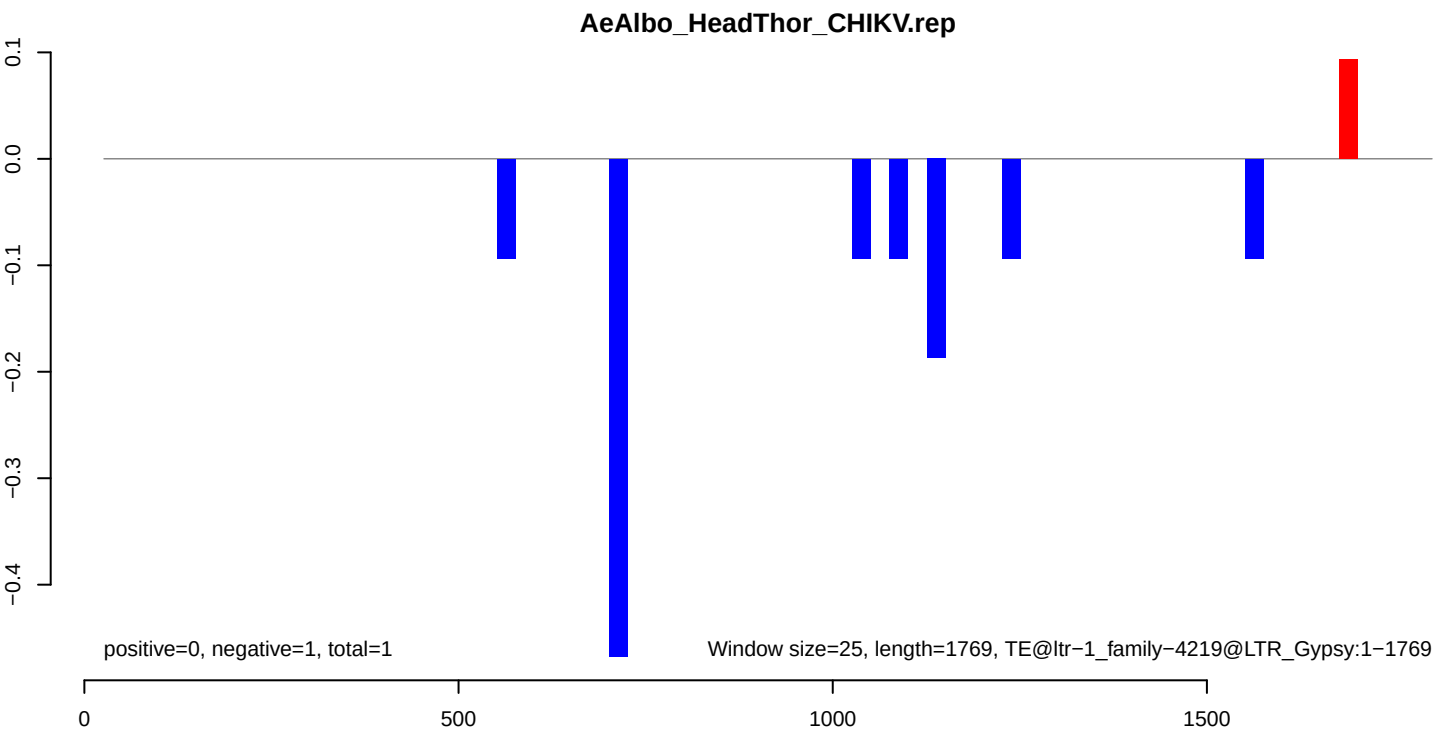
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0

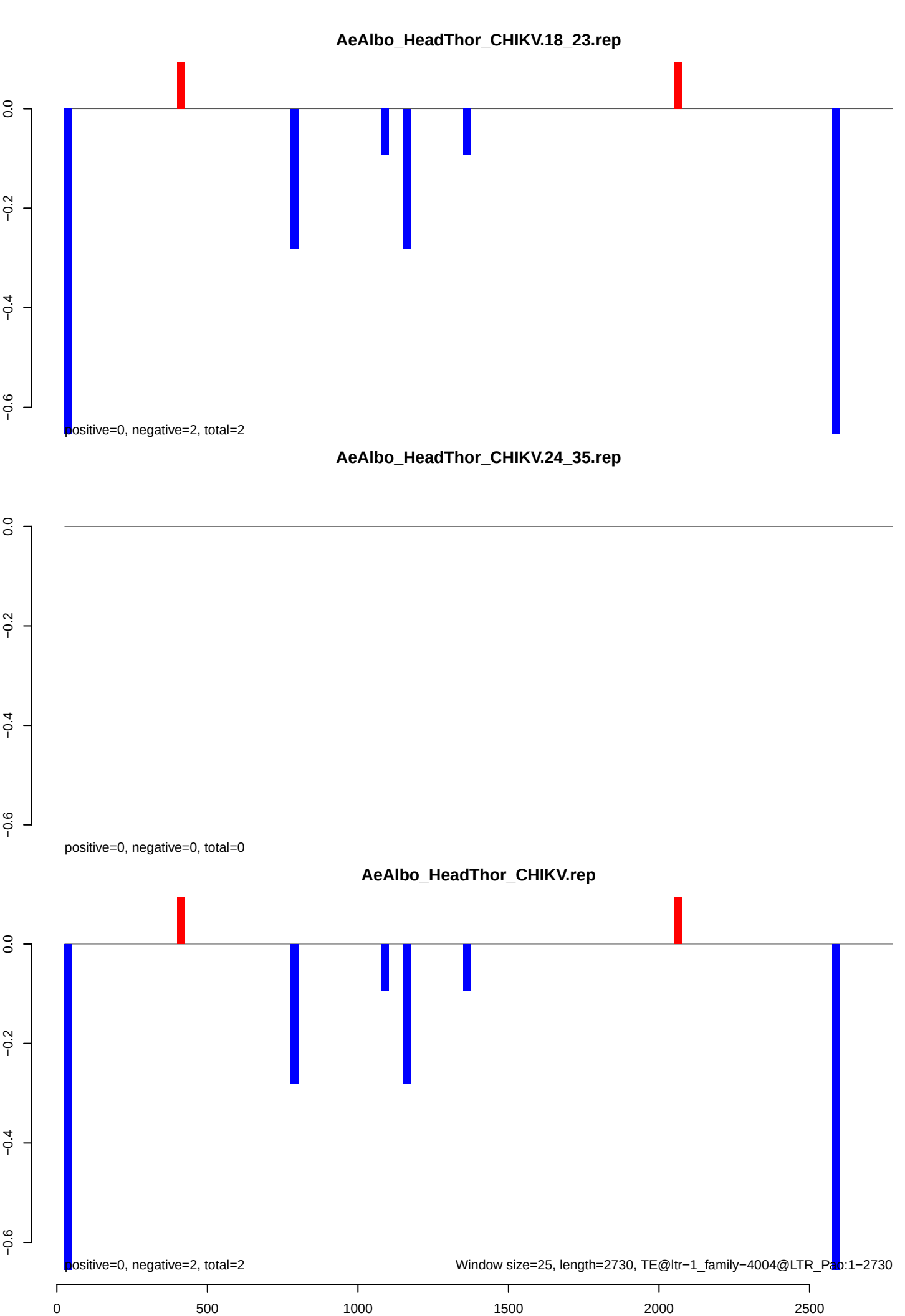

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=2, total=2
Window size=25, length=1320, TE@ltr−1_family−4571@LTR_Gypsy:1−1320
0
200
400
600
800
1000
1200
1400

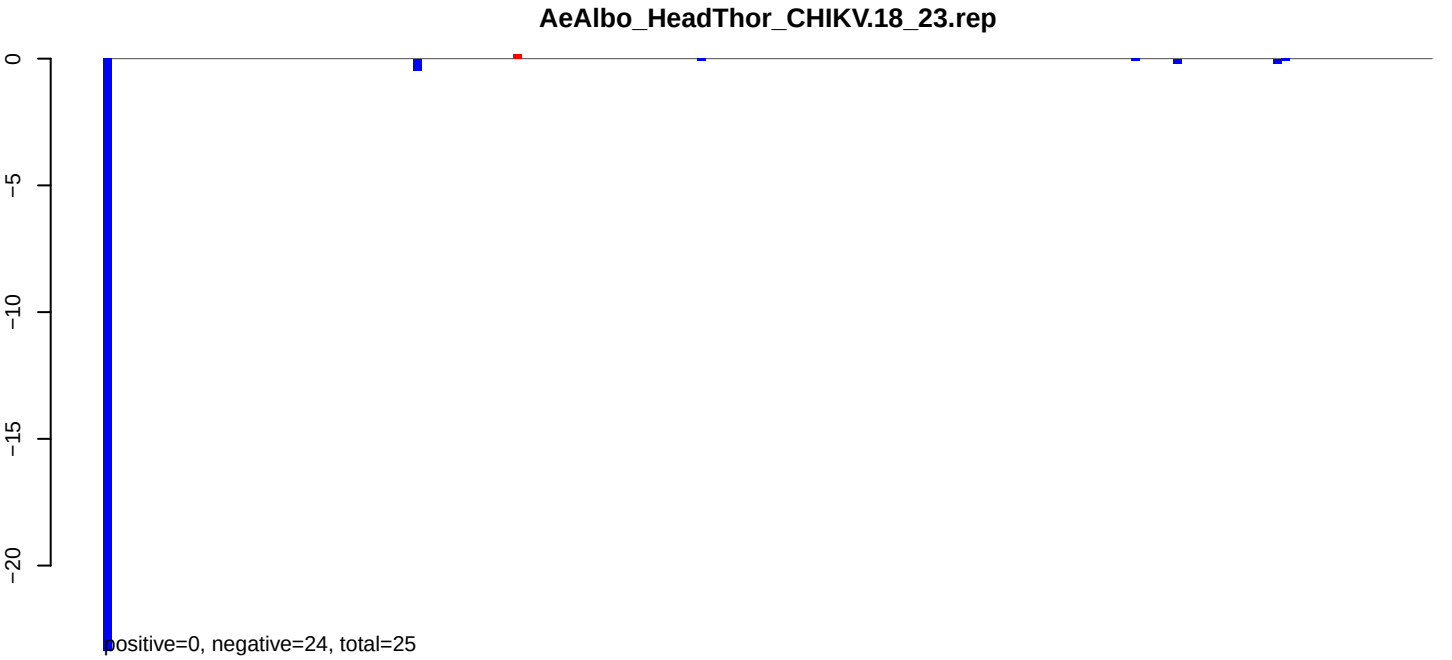

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=0, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=0, total=5
Window size=25, length=1985, TE@ltr−1_family−4249@LTR_Gypsy:1−1985
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1

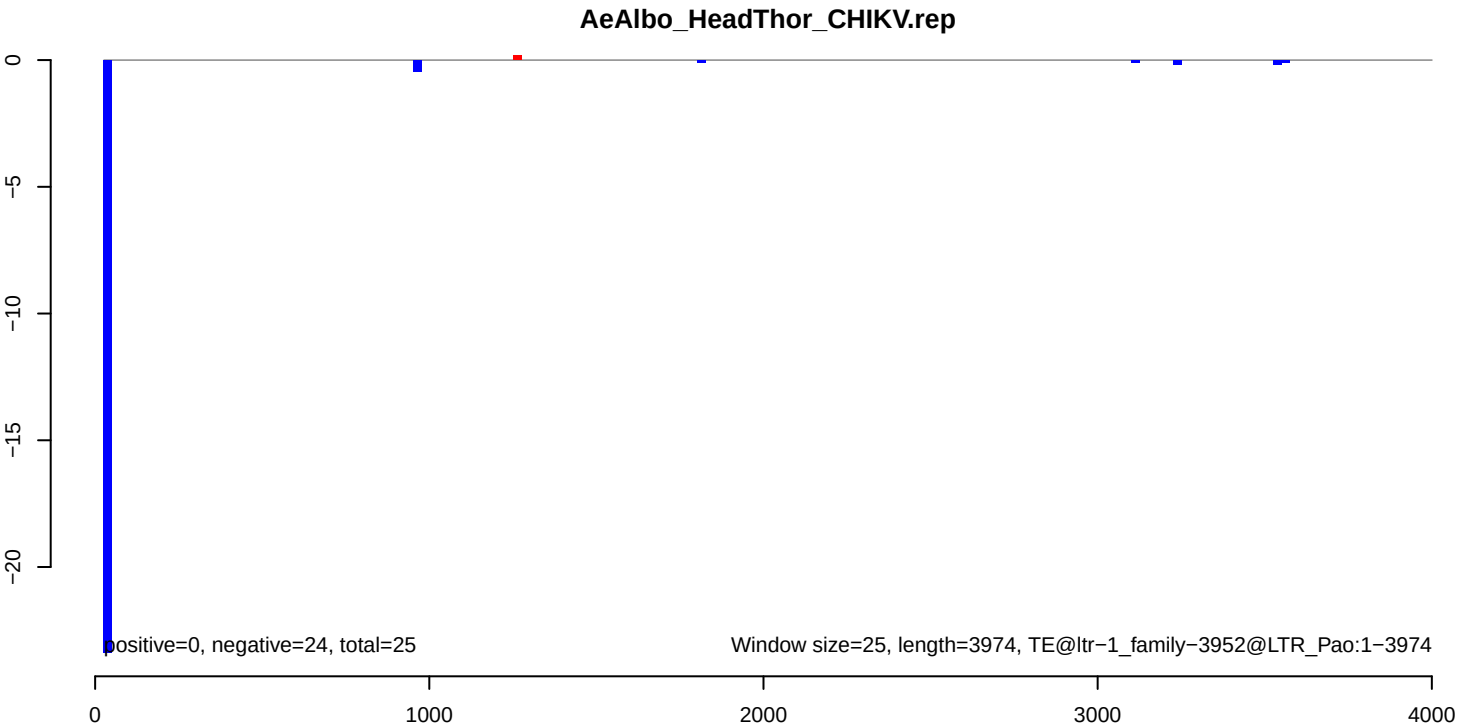

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

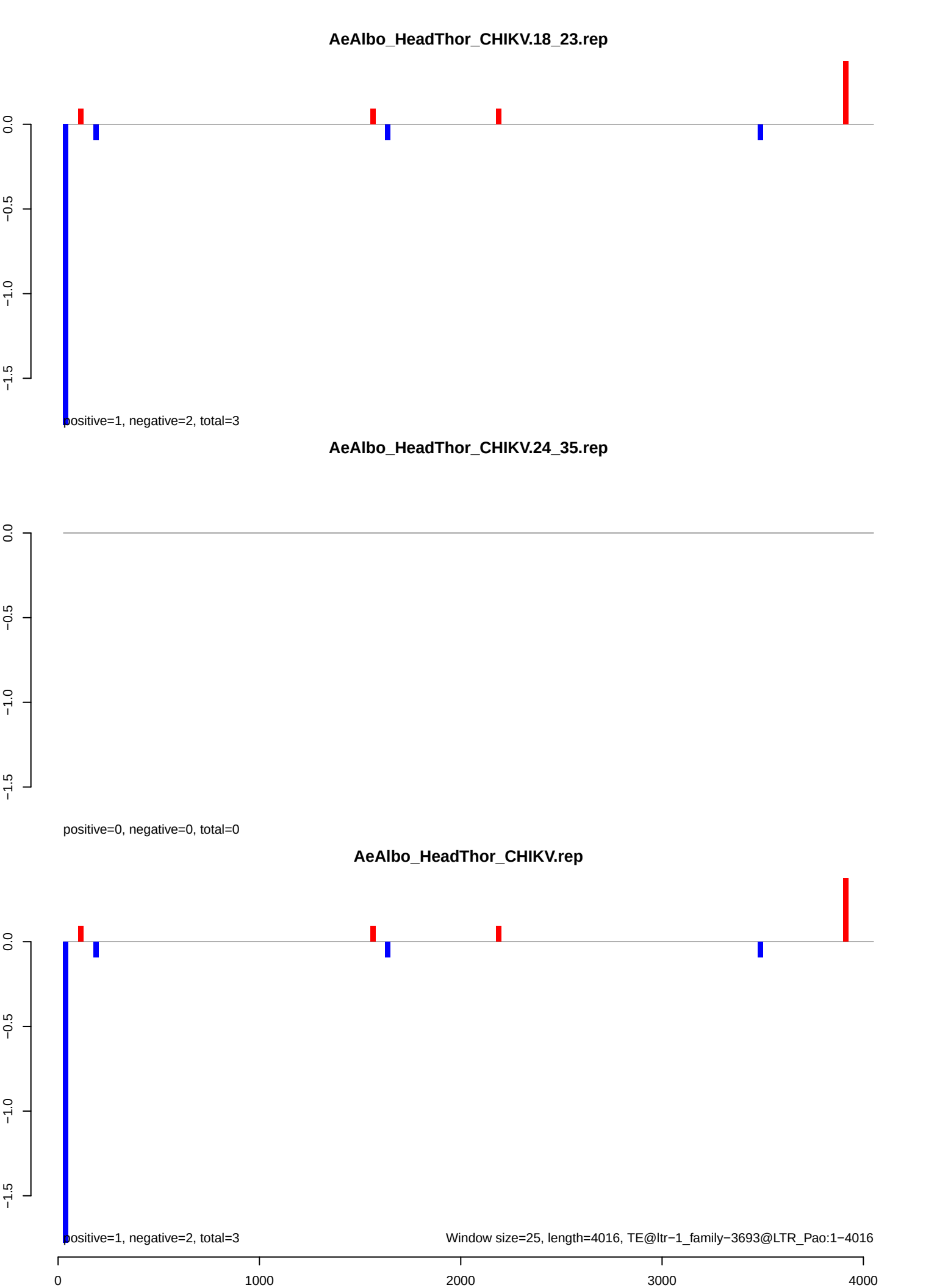

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1769, TE@ltr−1_family−4219@LTR_Gypsy:1−1769
0
500
1000
1500

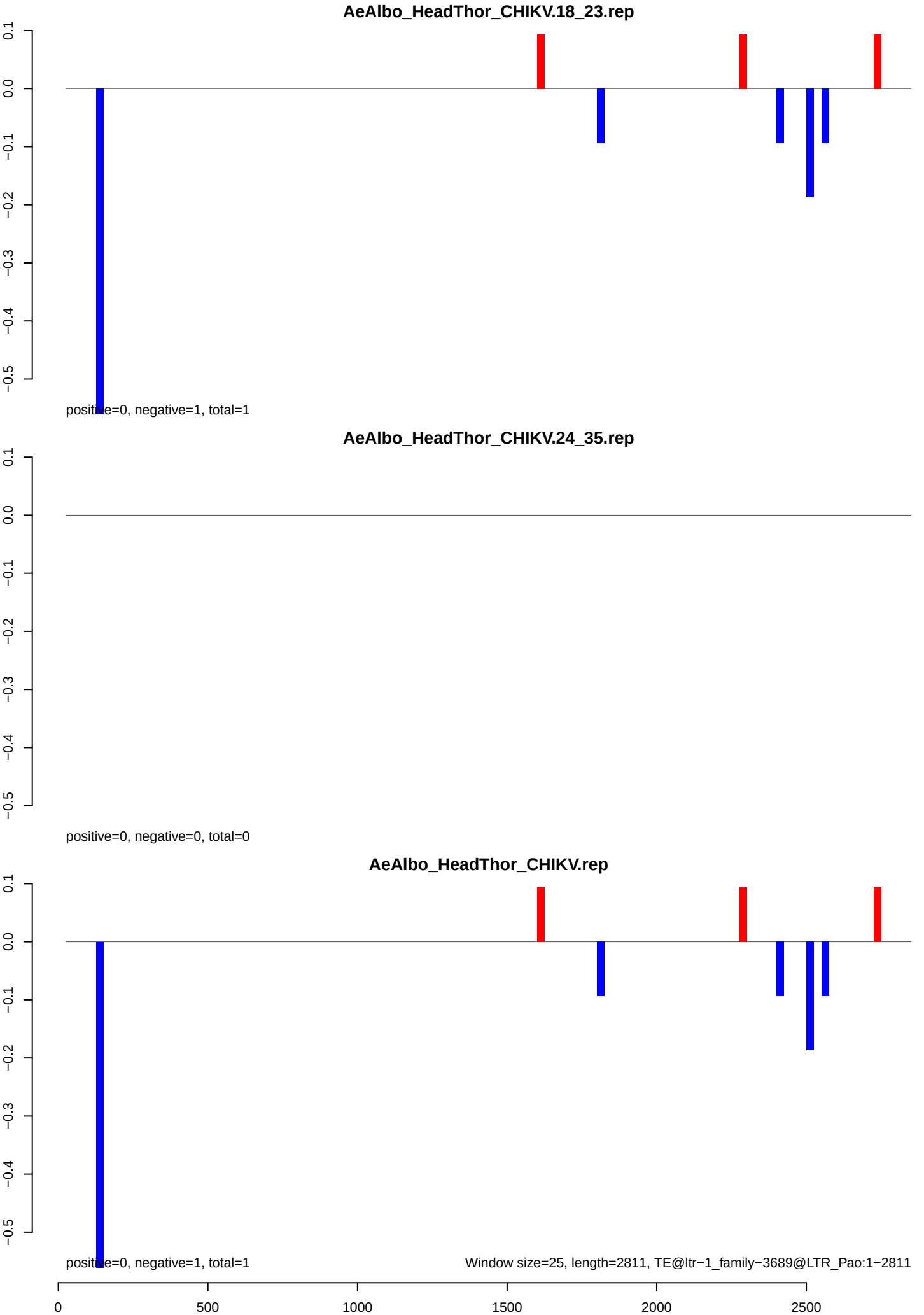

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=2, total=2
Window size=25, length=2730, TE@ltr−1_family−4004@LTR_Pao:1−2730
0
500
1000
1500
2000
2500

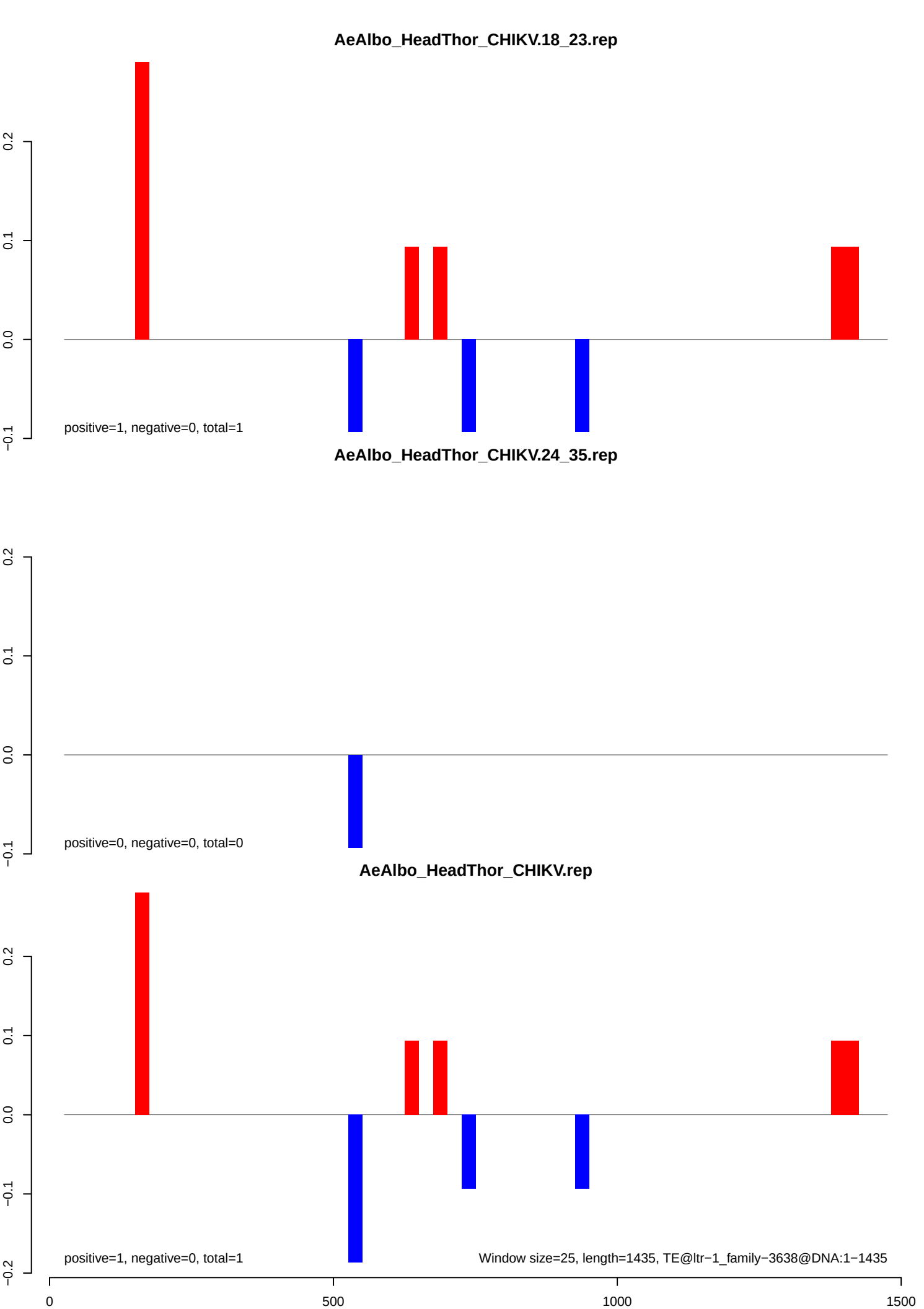

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=0, negative=24, total=25

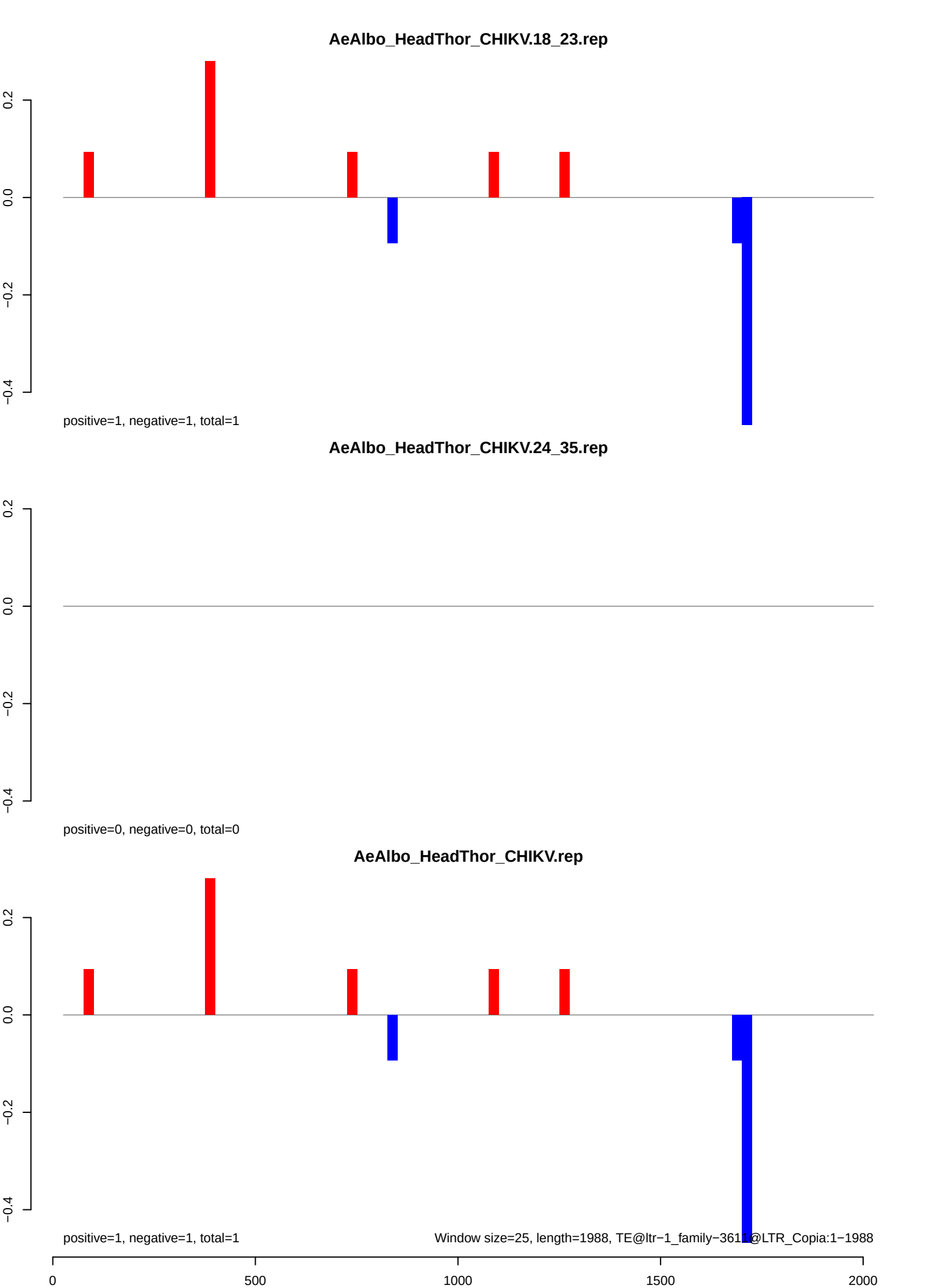
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0

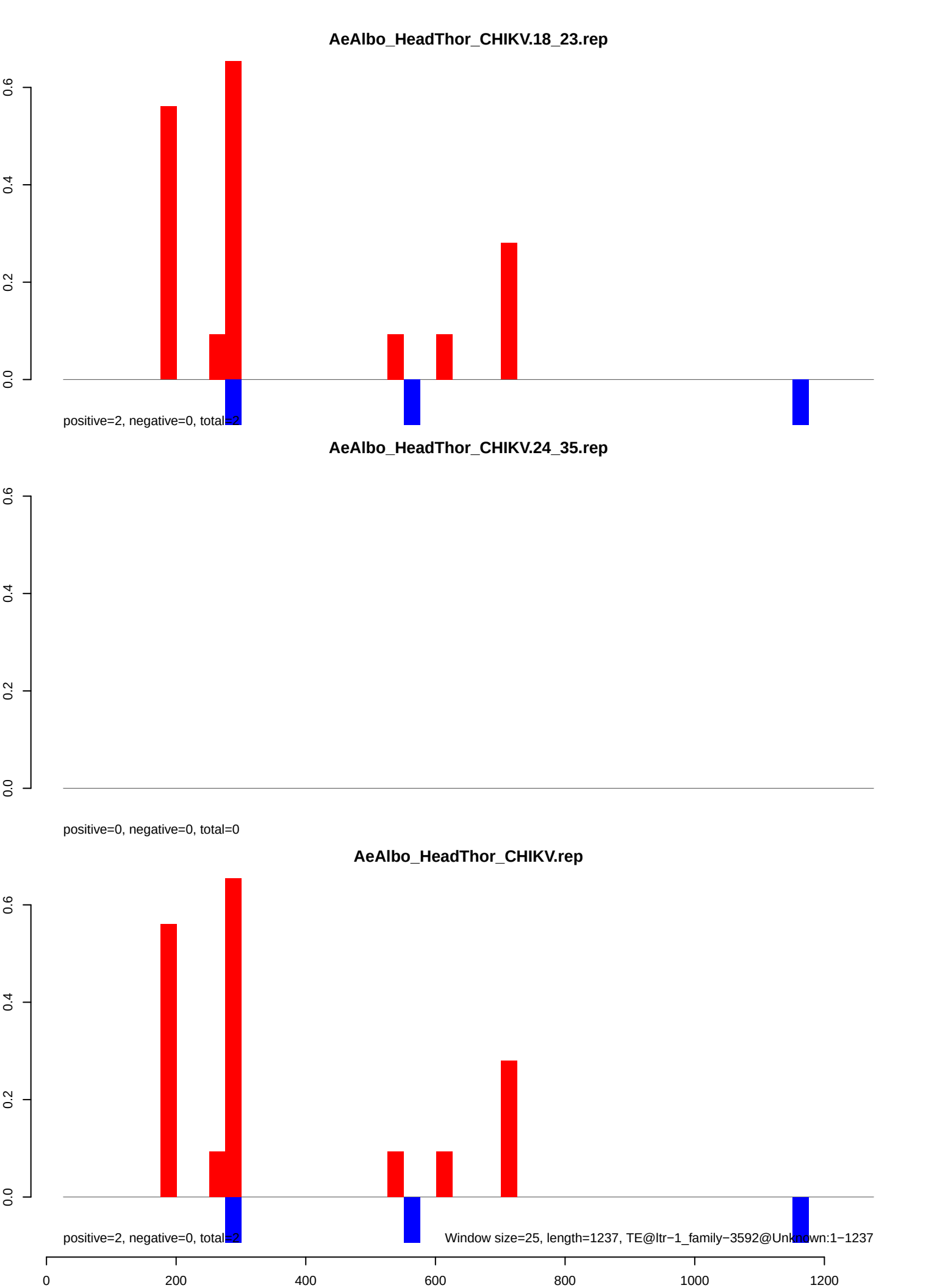

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=0, negative=24, total=25
Window size=25, length=3974, TE@ltr−1_family−3952@LTR_Pao:1−3974
0
1000
2000
3000
4000

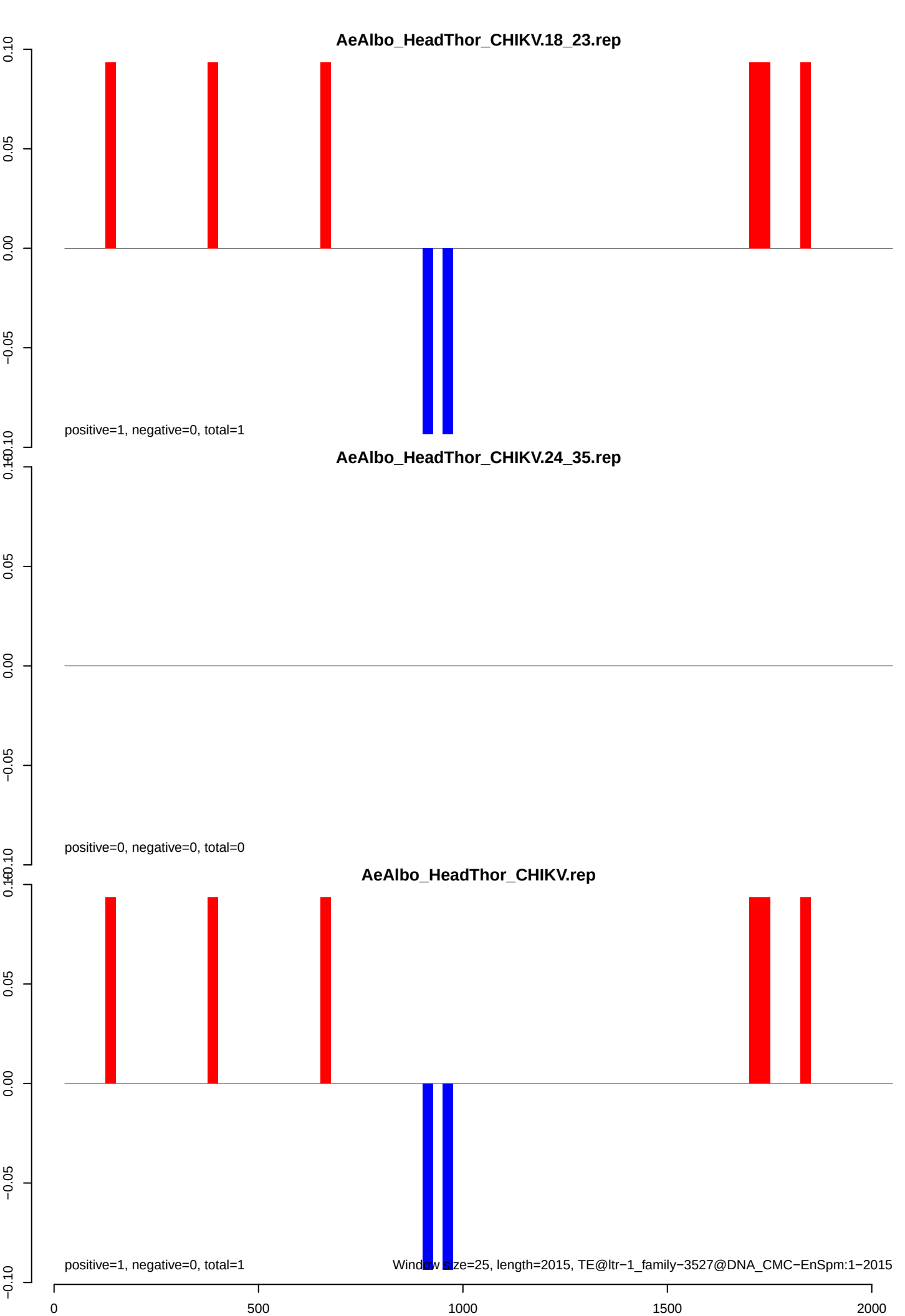

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=2, total=3
Window size=25, length=4016, TE@ltr−1_family−3693@LTR_Pao:1−4016
0
1000
2000
3000
4000

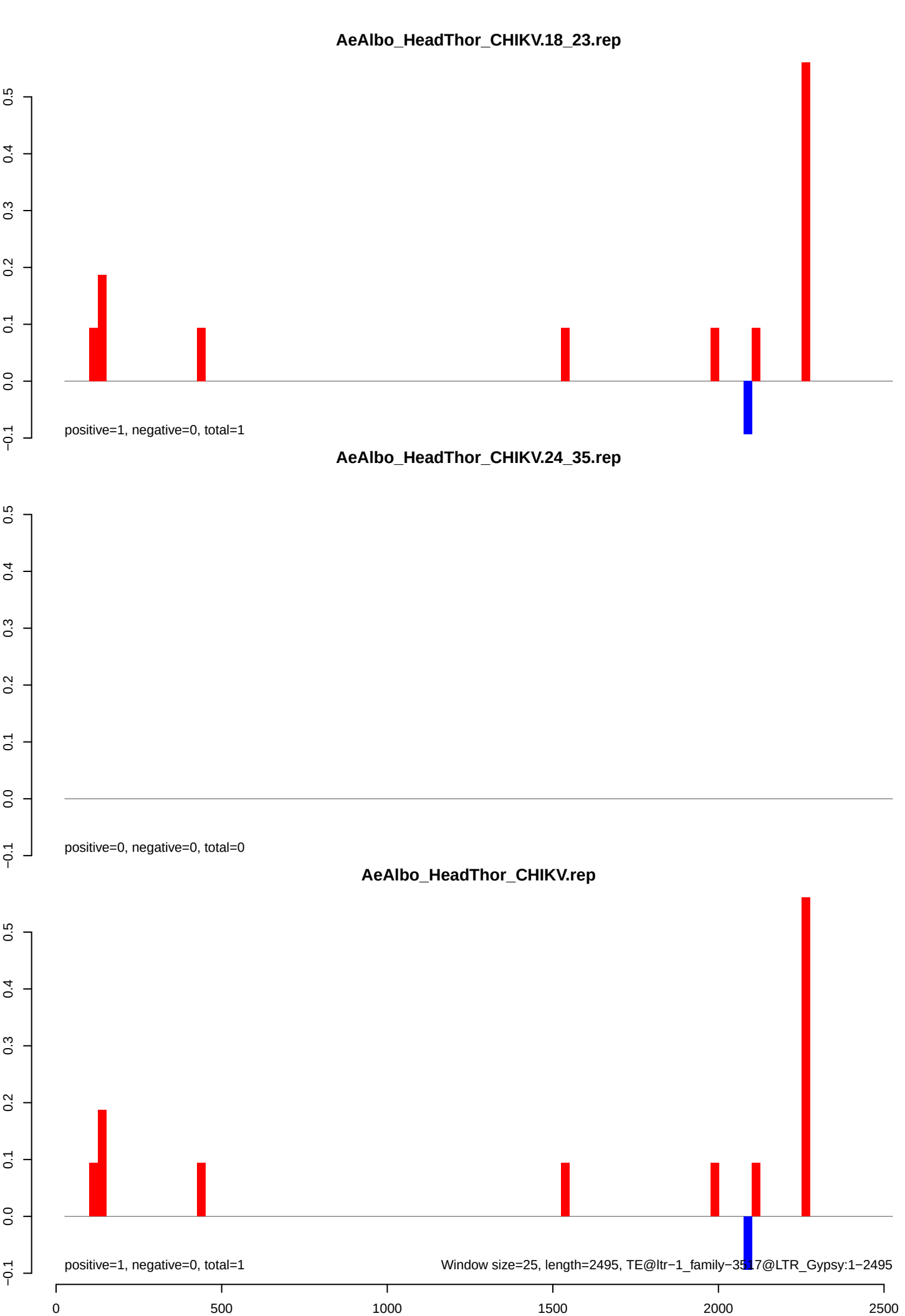

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=2811, TE@ltr−1_family−3689@LTR_Pao:1−2811
0
500
1000
1500
2000
2500

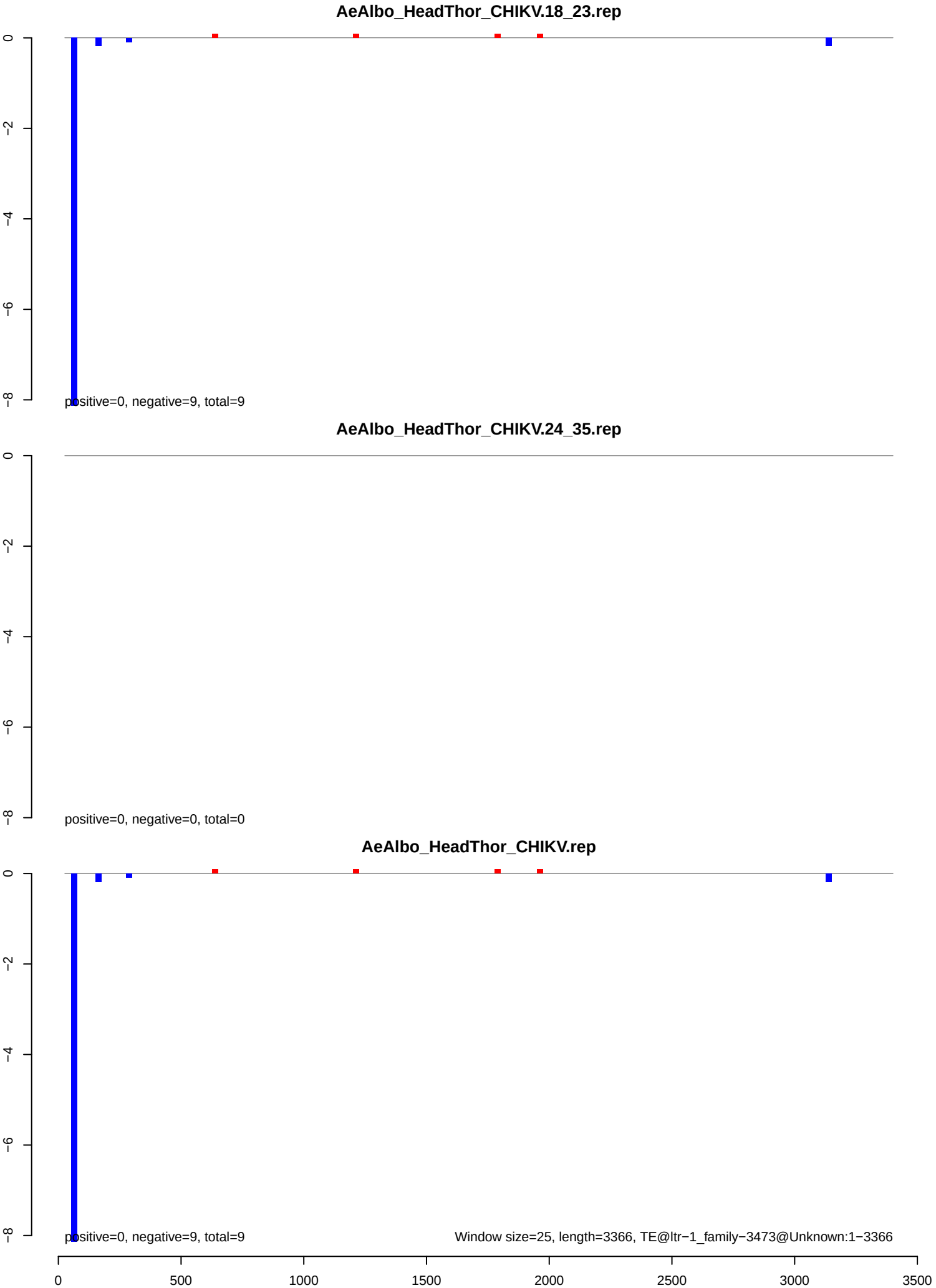

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=1435, TE@ltr−1_family−3638@DNA:1−1435
0
500
1000
1500

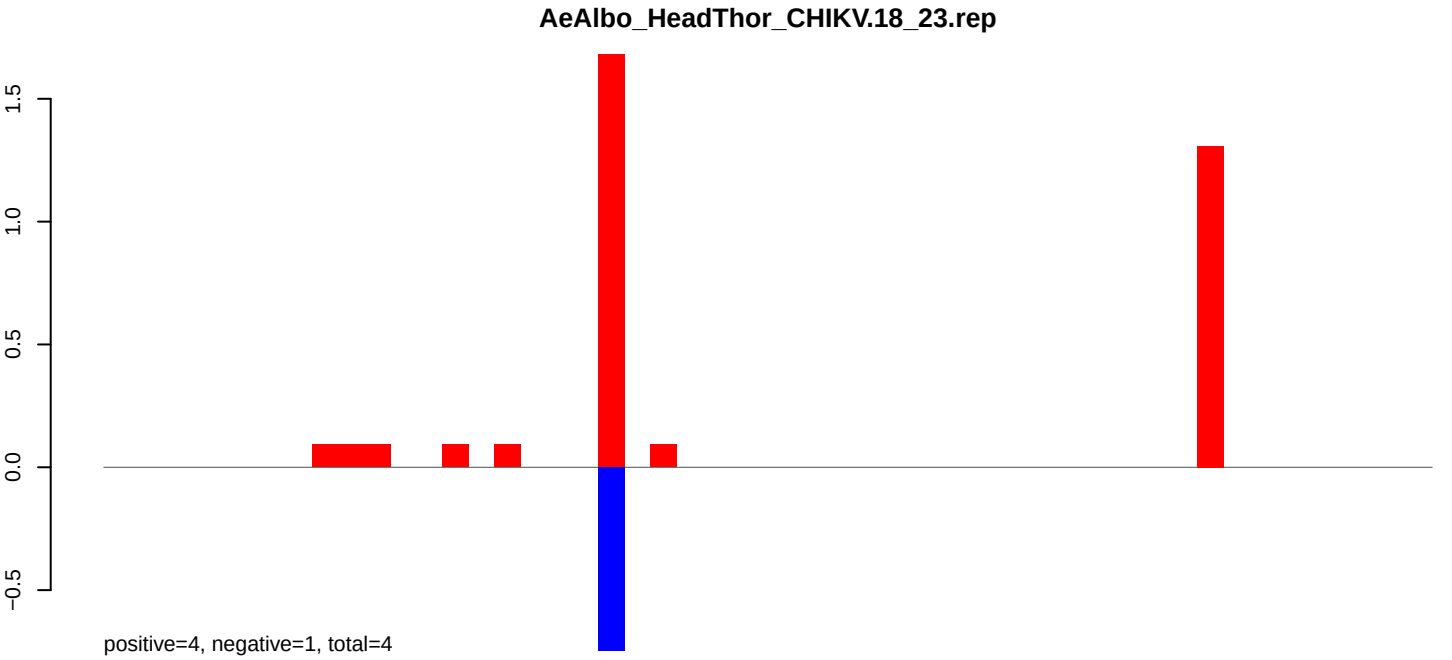

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=1
Window size=25, length=1988, TE@ltr−1_family−3611@LTR_Copia:1−1988
0
500
1000
1500
2000

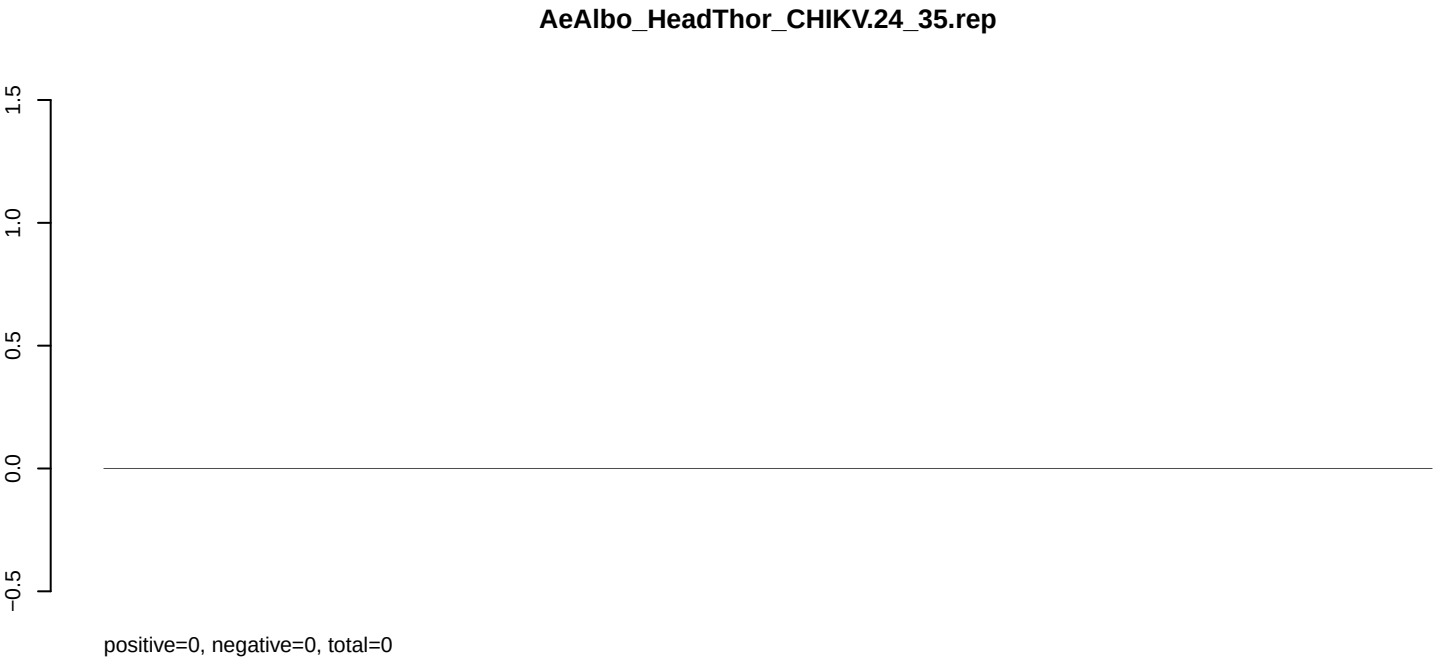

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=2, negative=0, total=2
Window size=25, length=1237, TE@ltr−1_family−3592@Unknown:1−1237
0
200
400
600
800
1000
1200

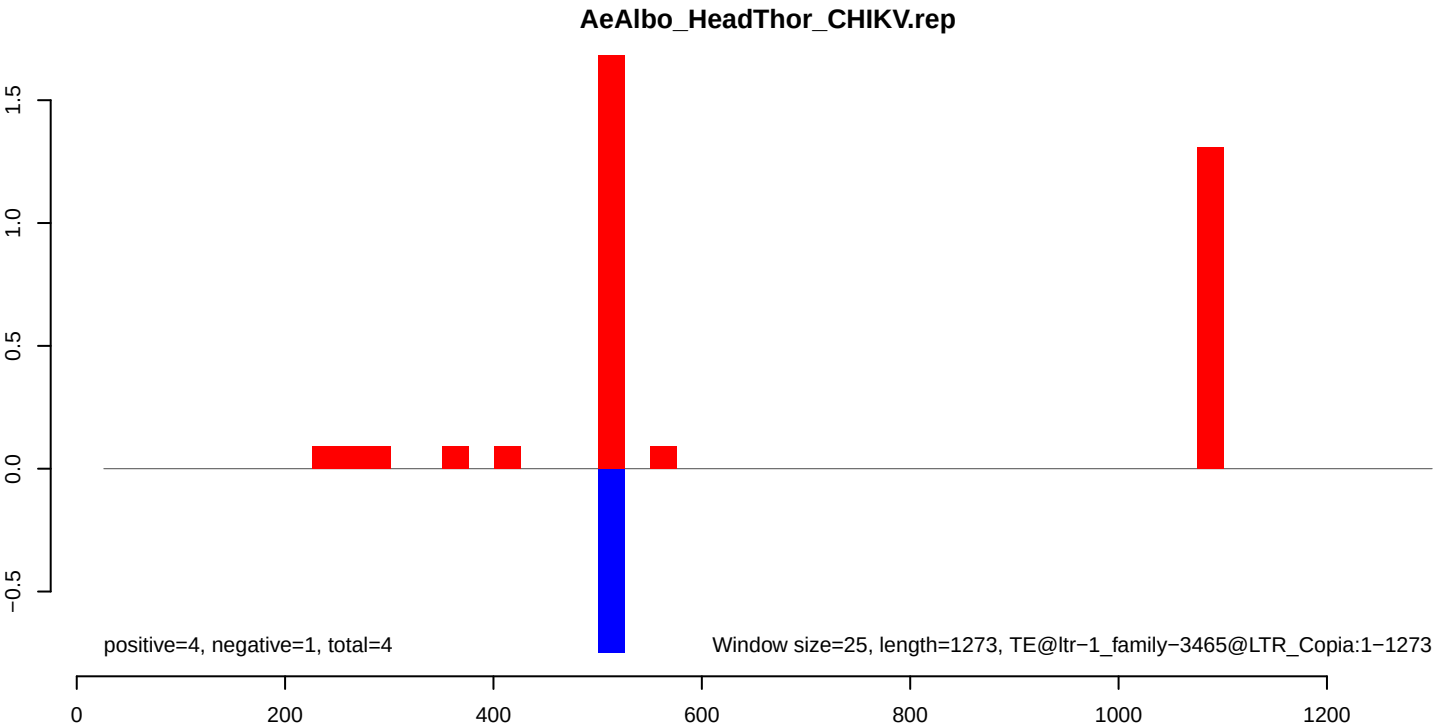

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=2015, TE@ltr−1_family−3527@DNA_CMC−EnSpm:1−2015
0
500
1000
1500
2000

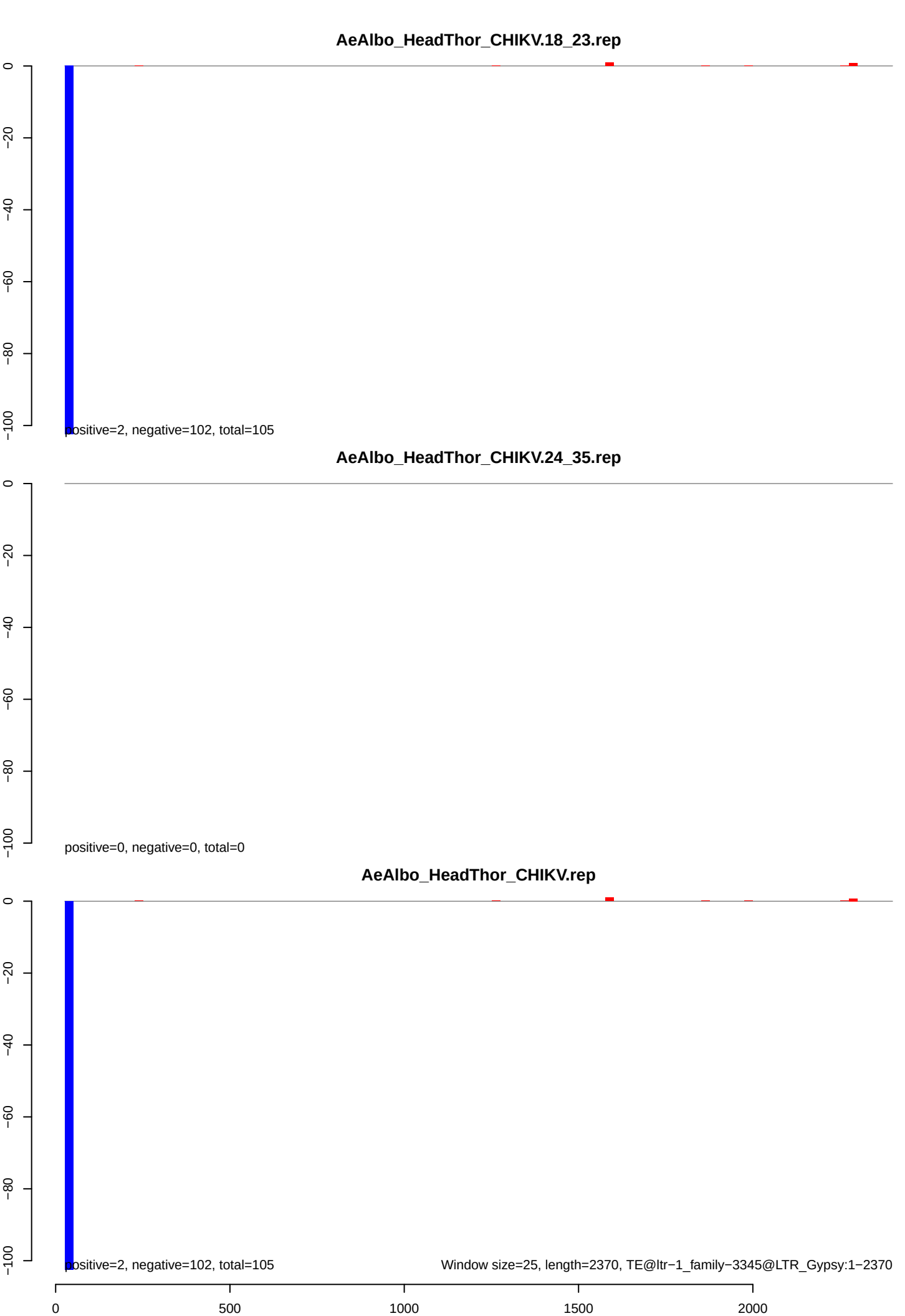

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=2495, TE@ltr−1_family−3517@LTR_Gypsy:1−2495
0
500
1000
1500
2000
2500

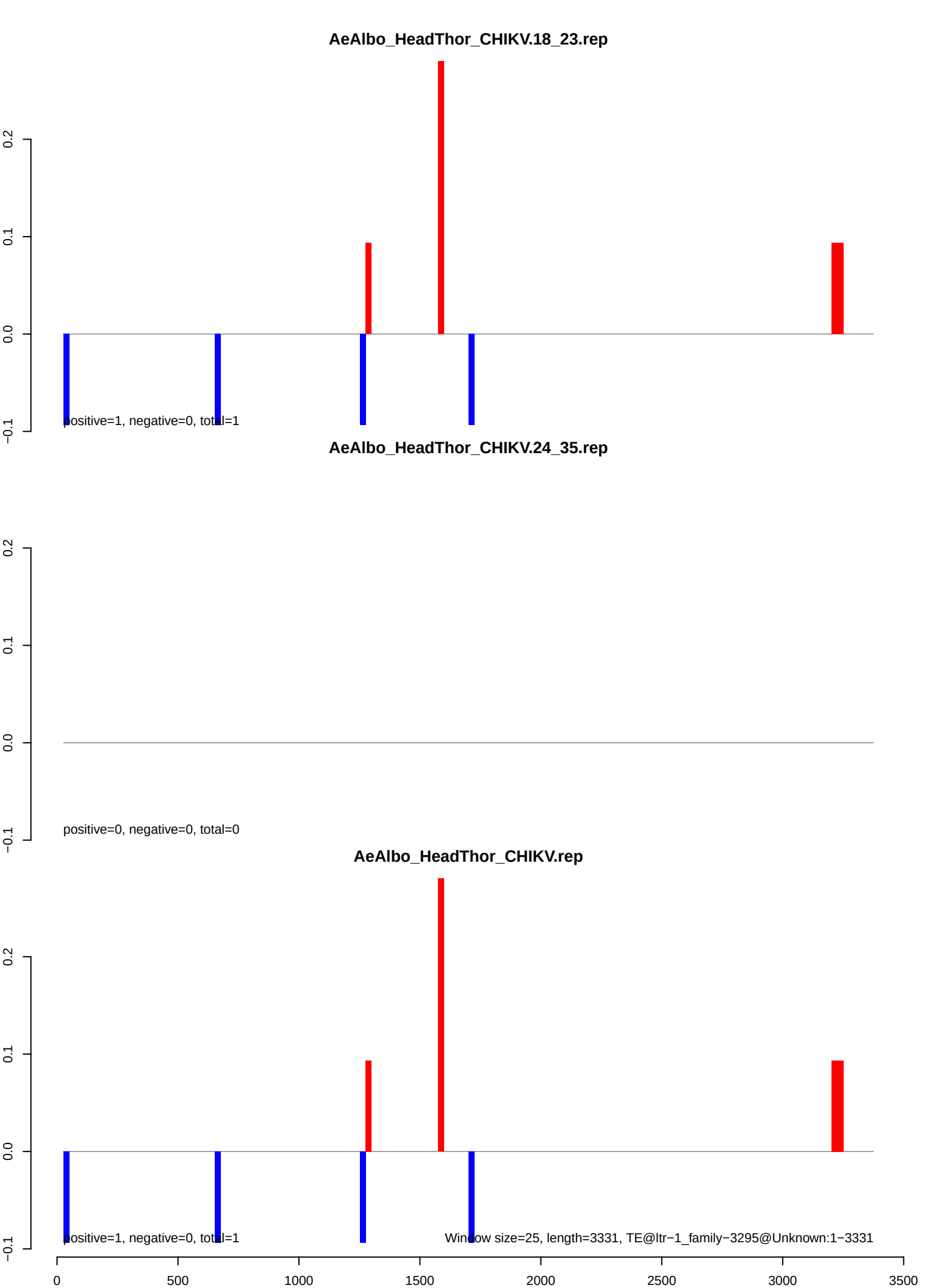

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=0, negative=9, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=0, negative=9, total=9
Window size=25, length=3366, TE@ltr−1_family−3473@Unknown:1−3366
0
500
1000
1500
2000
2500
3000
3500

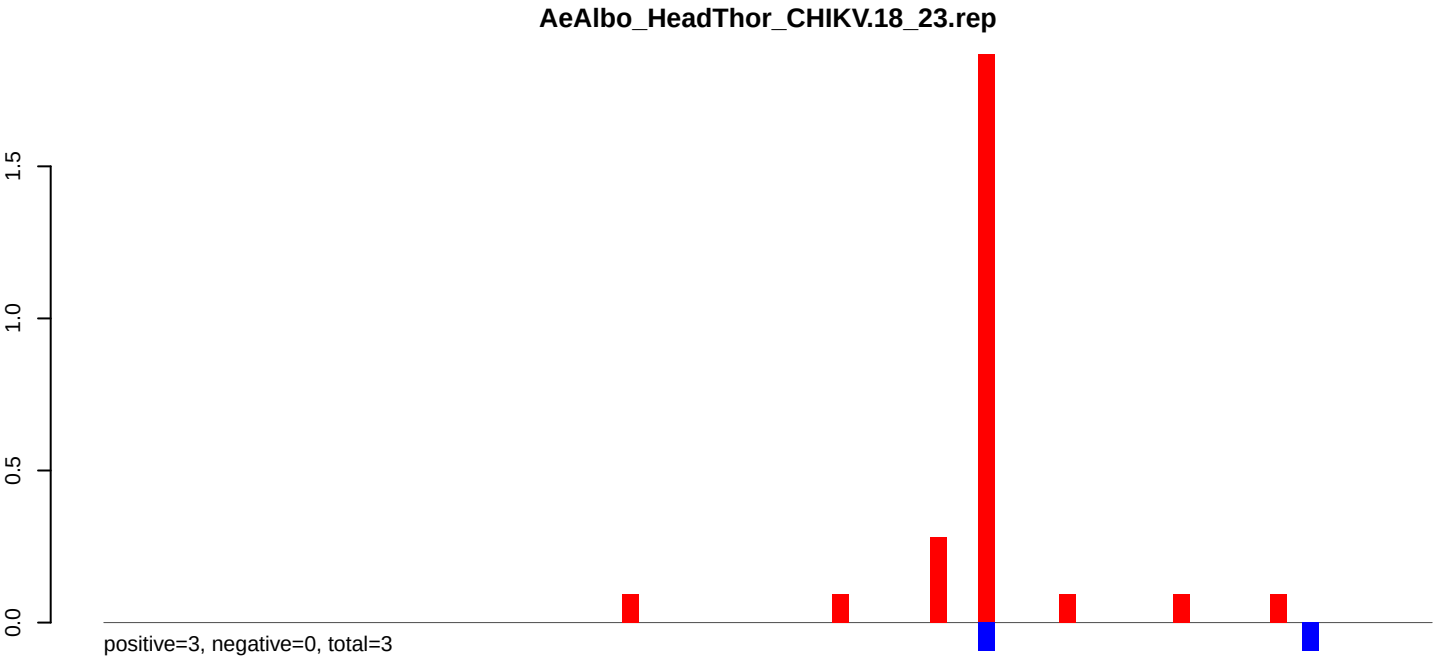

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
positive=4, negative=1, total=4

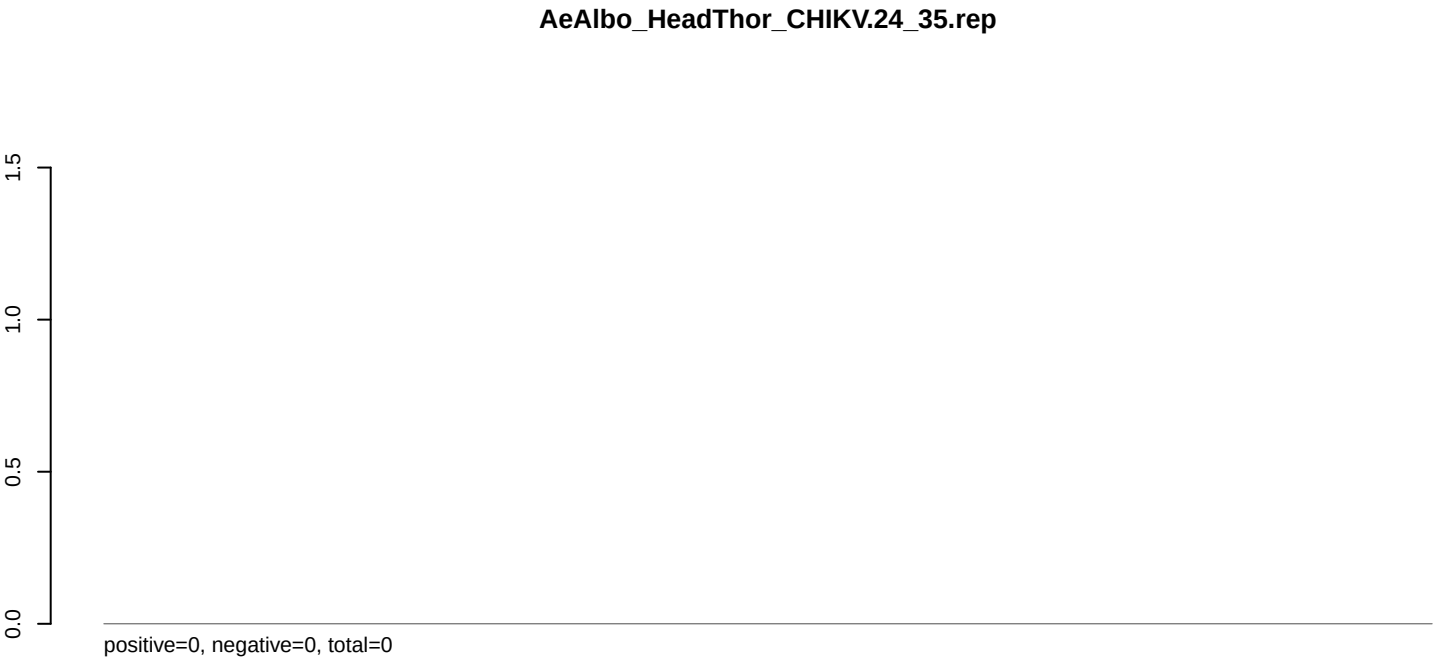

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

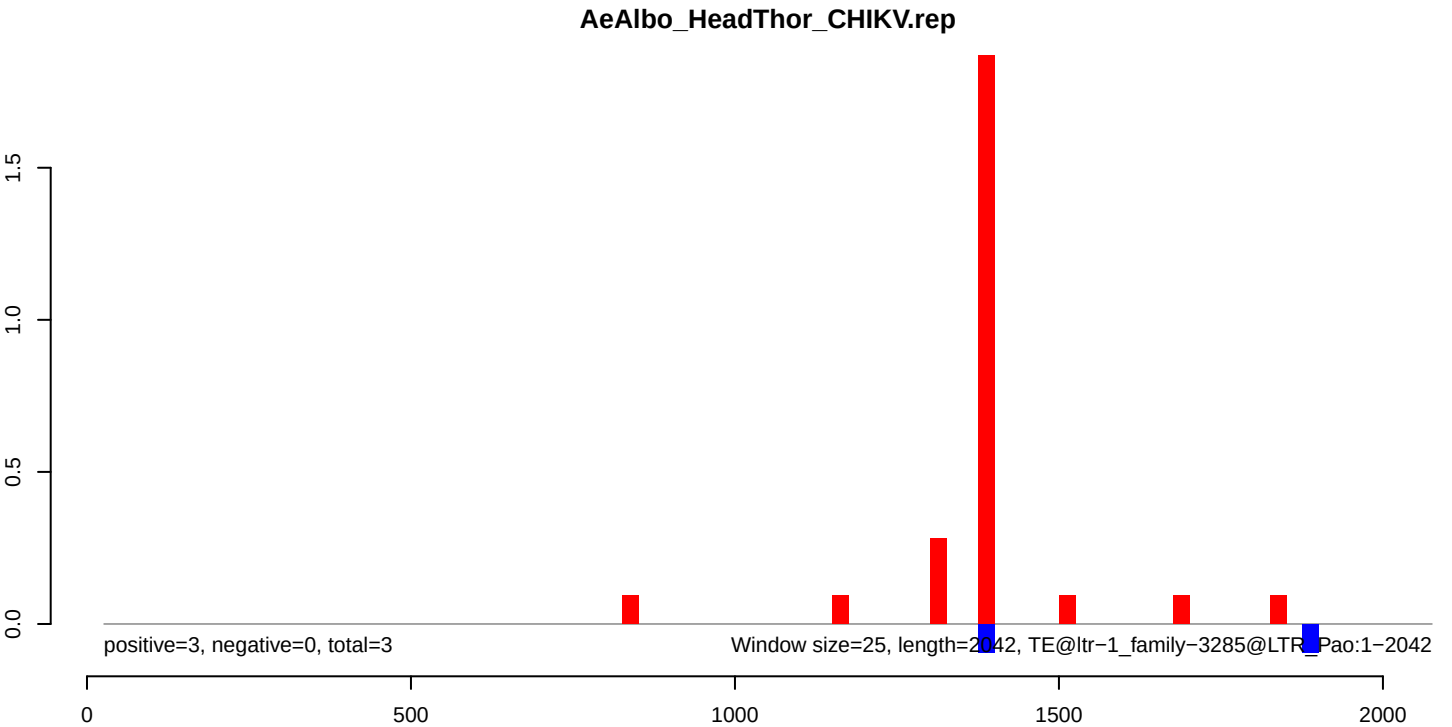

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
positive=4, negative=1, total=4
Window size=25, length=1273, TE@ltr−1_family−3465@LTR_Copia:1−1273
0
200
400
600
800
1000
1200

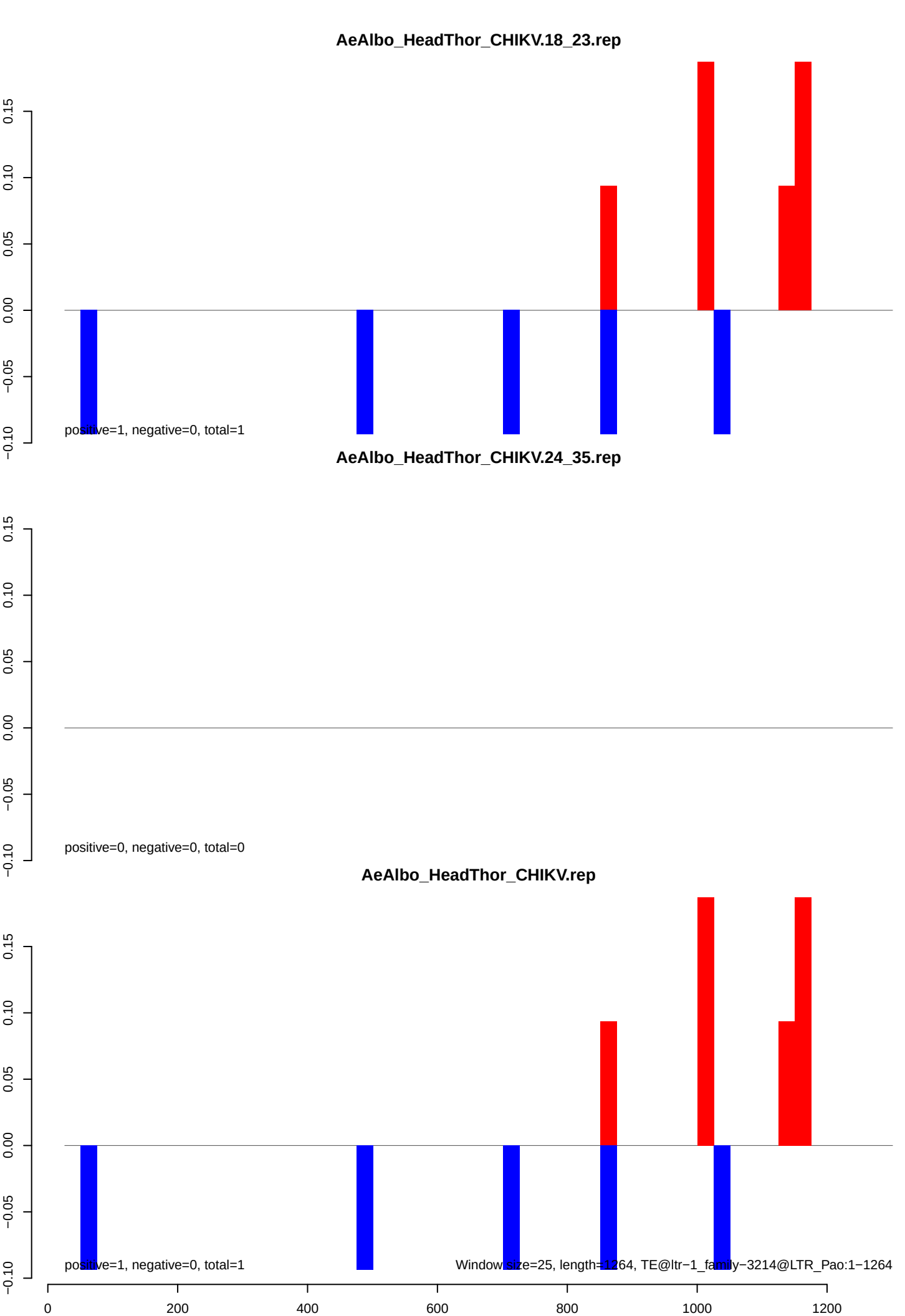

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=2, negative=102, total=105
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=2, negative=102, total=105
Window size=25, length=2370, TE@ltr−1_family−3345@LTR_Gypsy:1−2370
0
500
1000
1500
2000

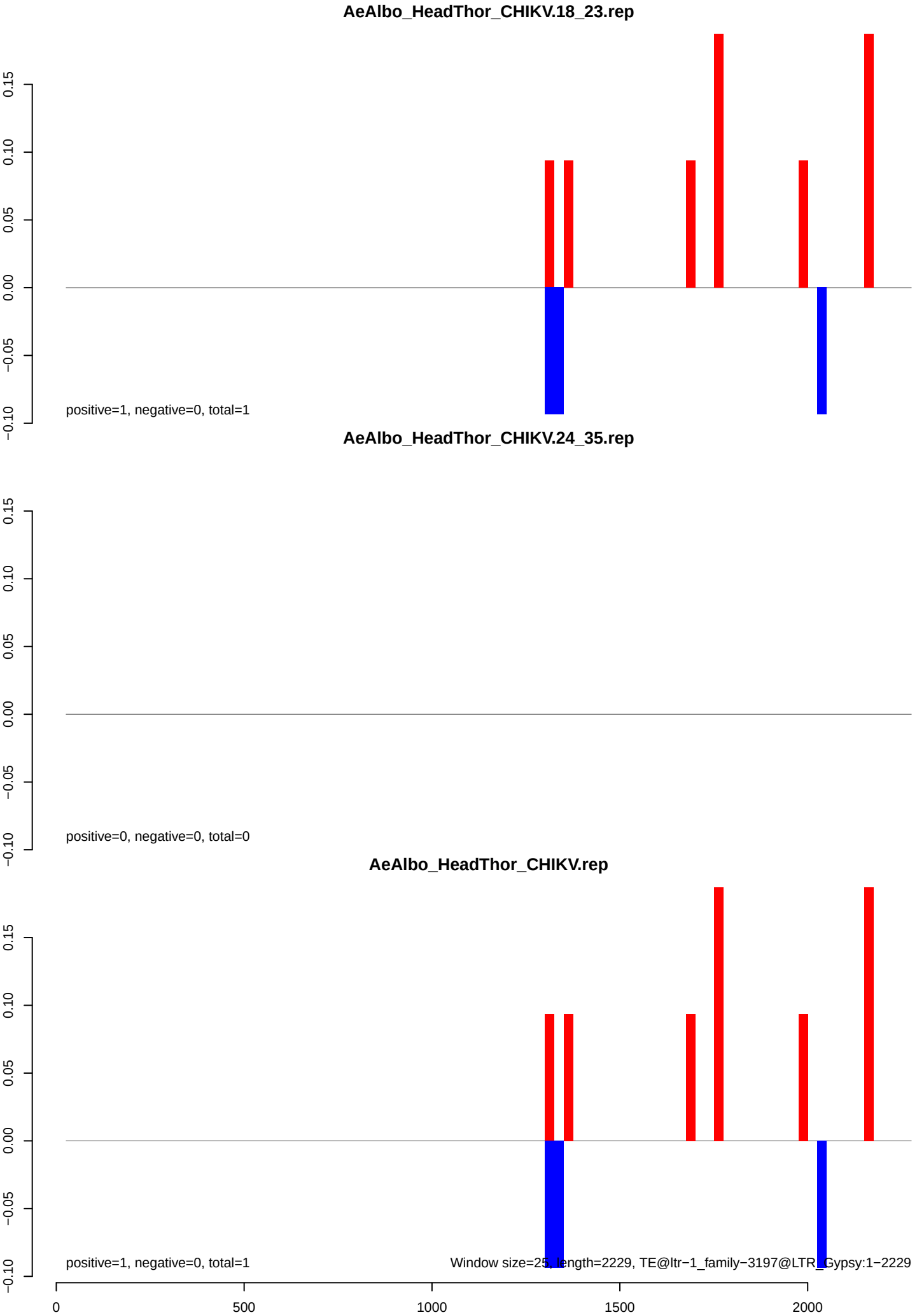

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=3331, TE@ltr−1_family−3295@Unknown:1−3331
0
500
1000
1500
2000
2500
3000
3500

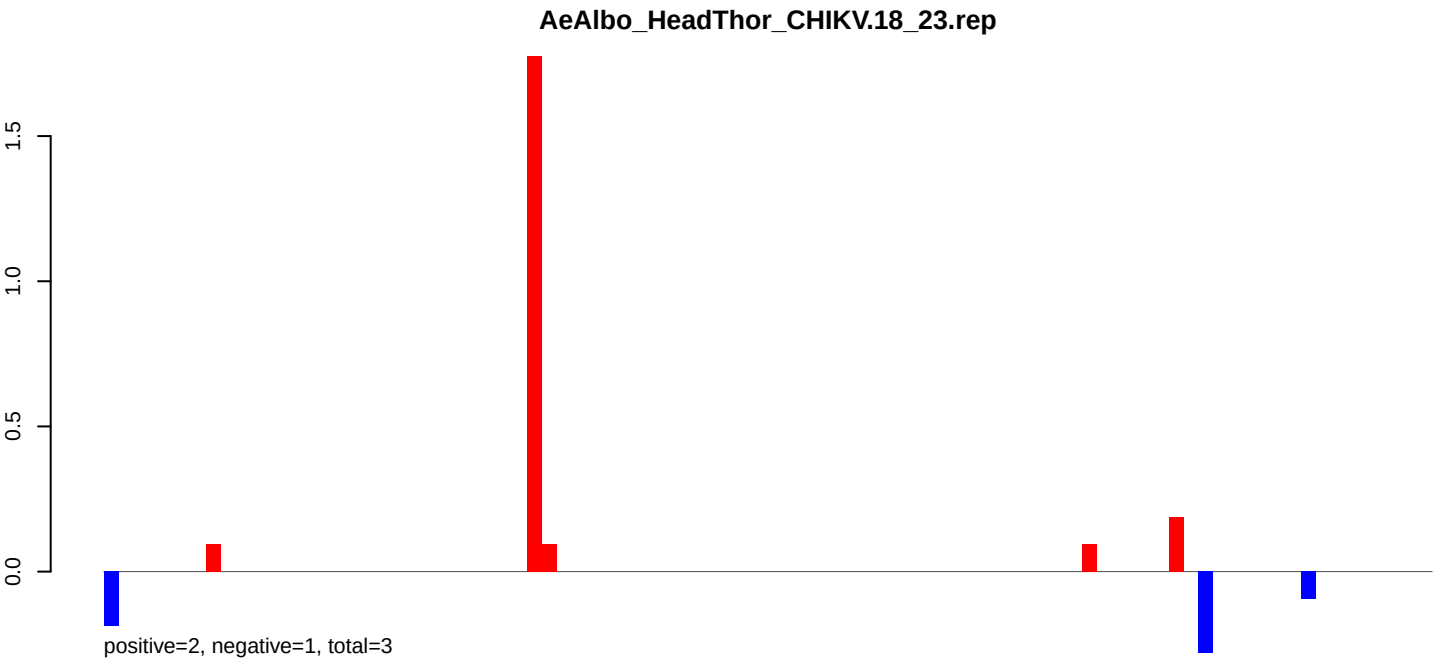

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
positive=3, negative=0, total=3

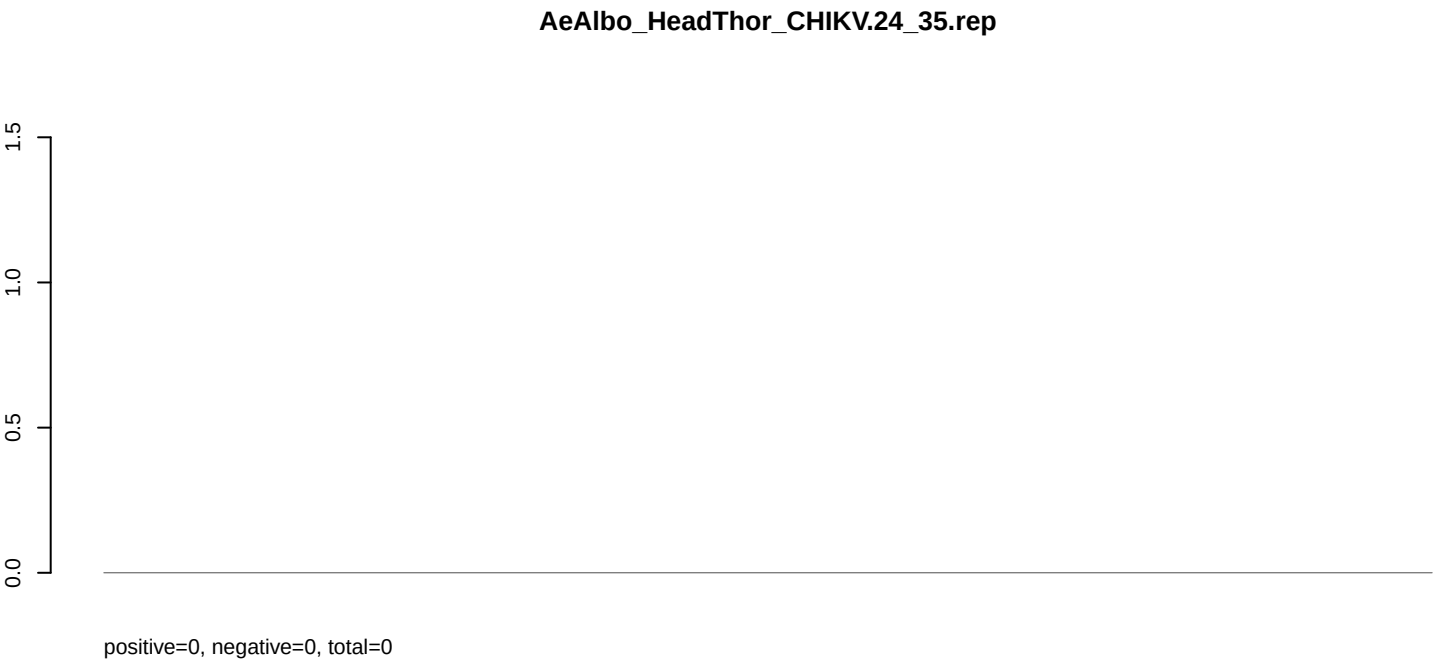

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
positive=0, negative=0, total=0

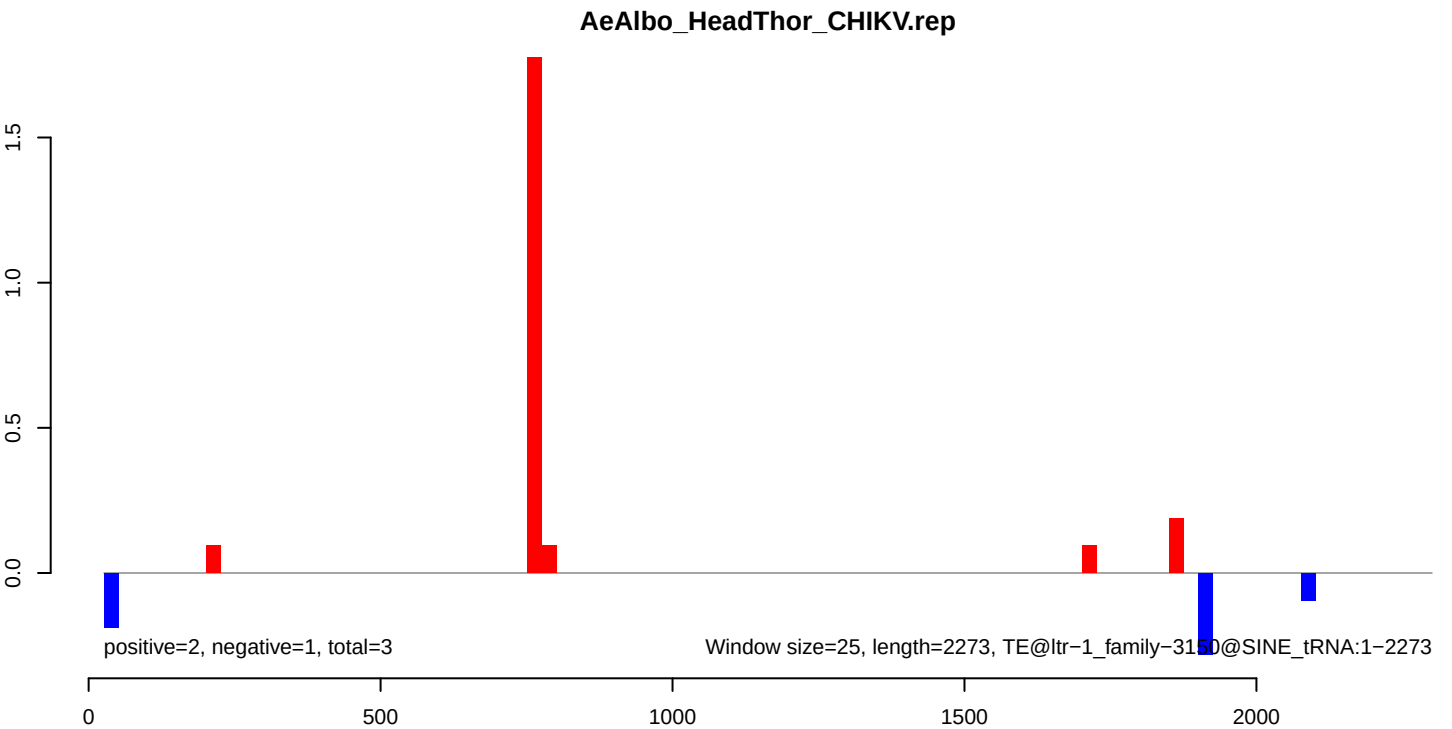

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
positive=3, negative=0, total=3
Window size=25, length=2042, TE@ltr−1_family−3285@LTR_Pao:1−2042
0
500
1000
1500
2000

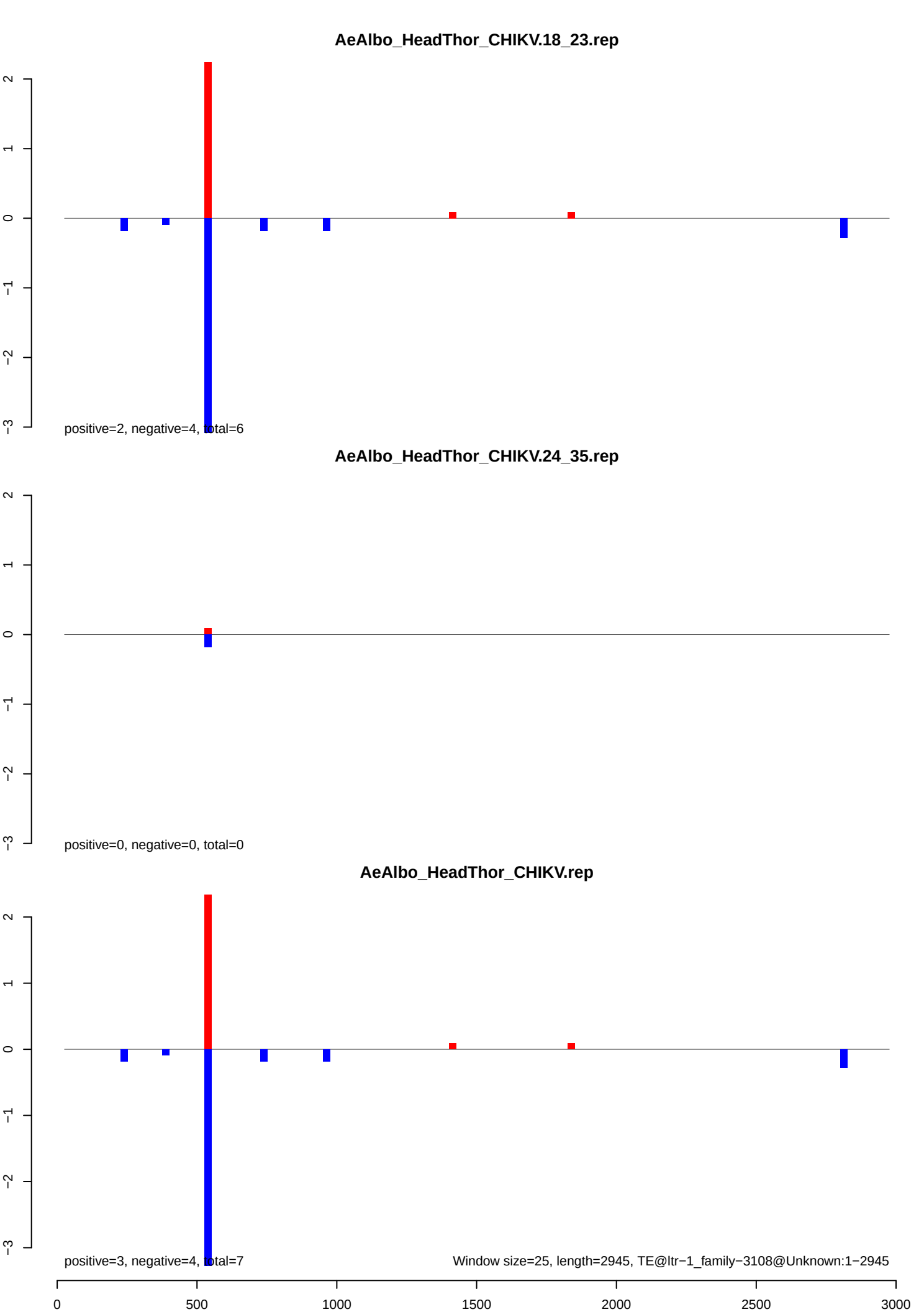

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=1264, TE@ltr−1_family−3214@LTR_Pao:1−1264
0
200
400
600
800
1000
1200

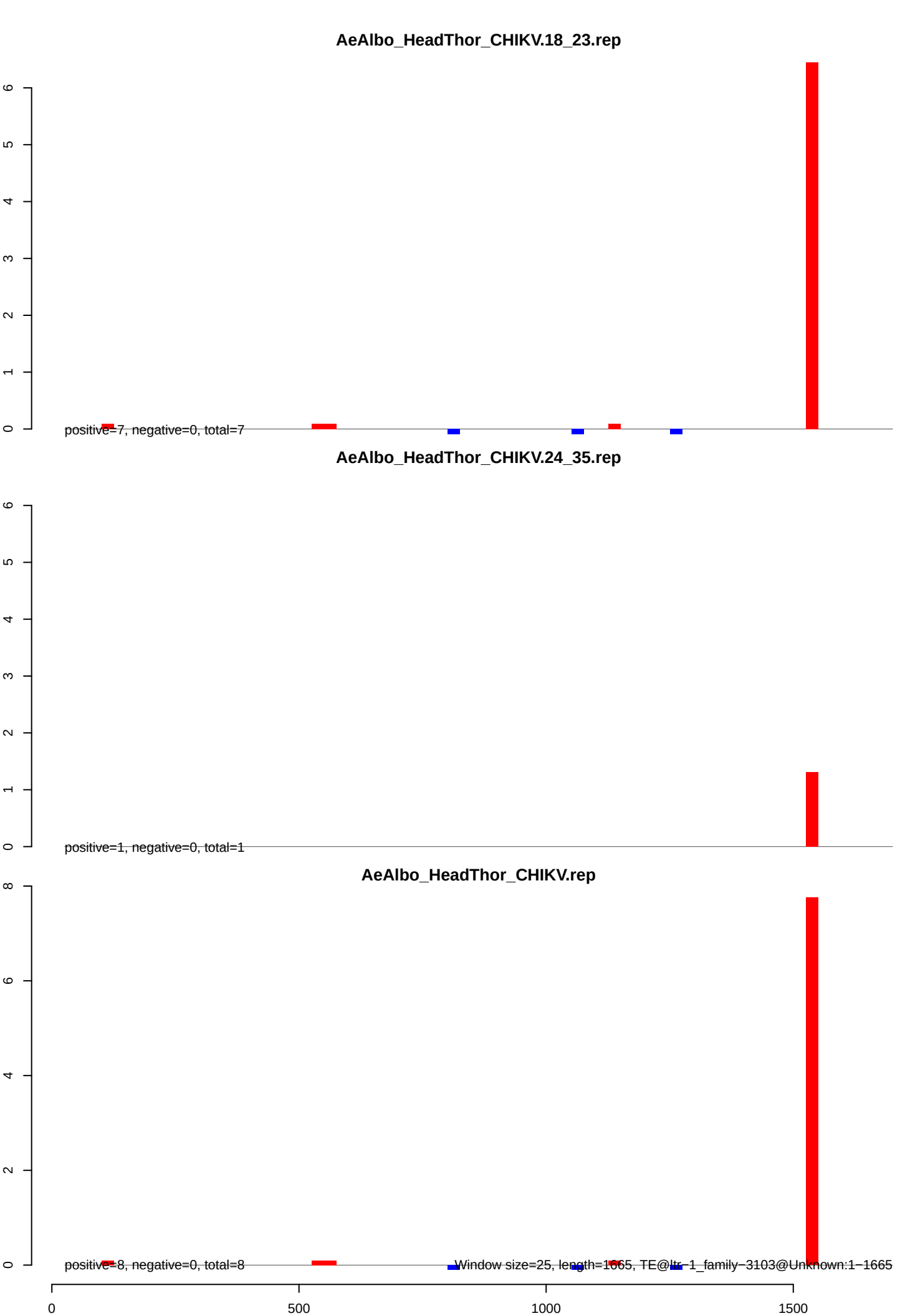

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=2229, TE@ltr−1_family−3197@LTR_Gypsy:1−2229
0
500
1000
1500
2000

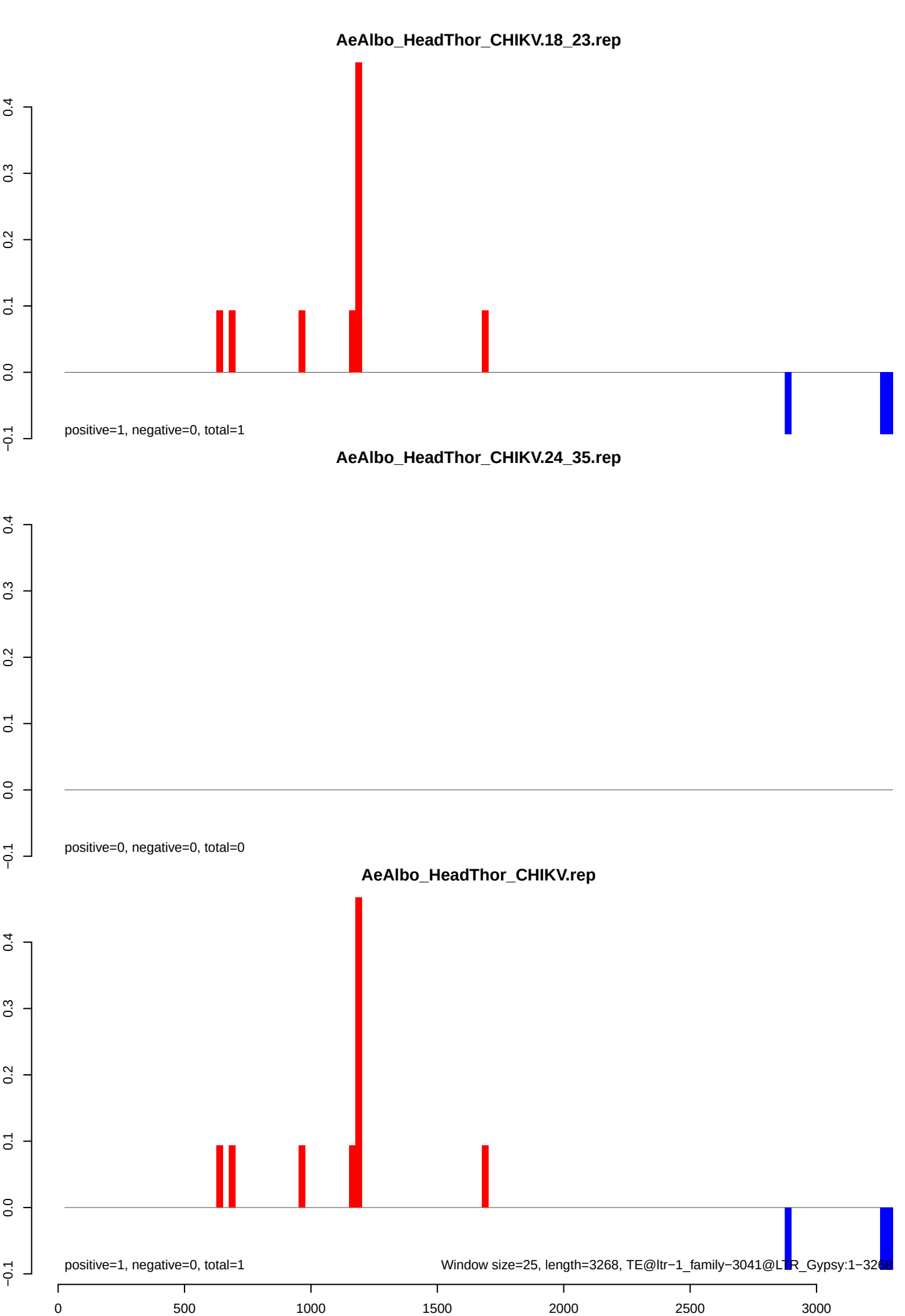

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3

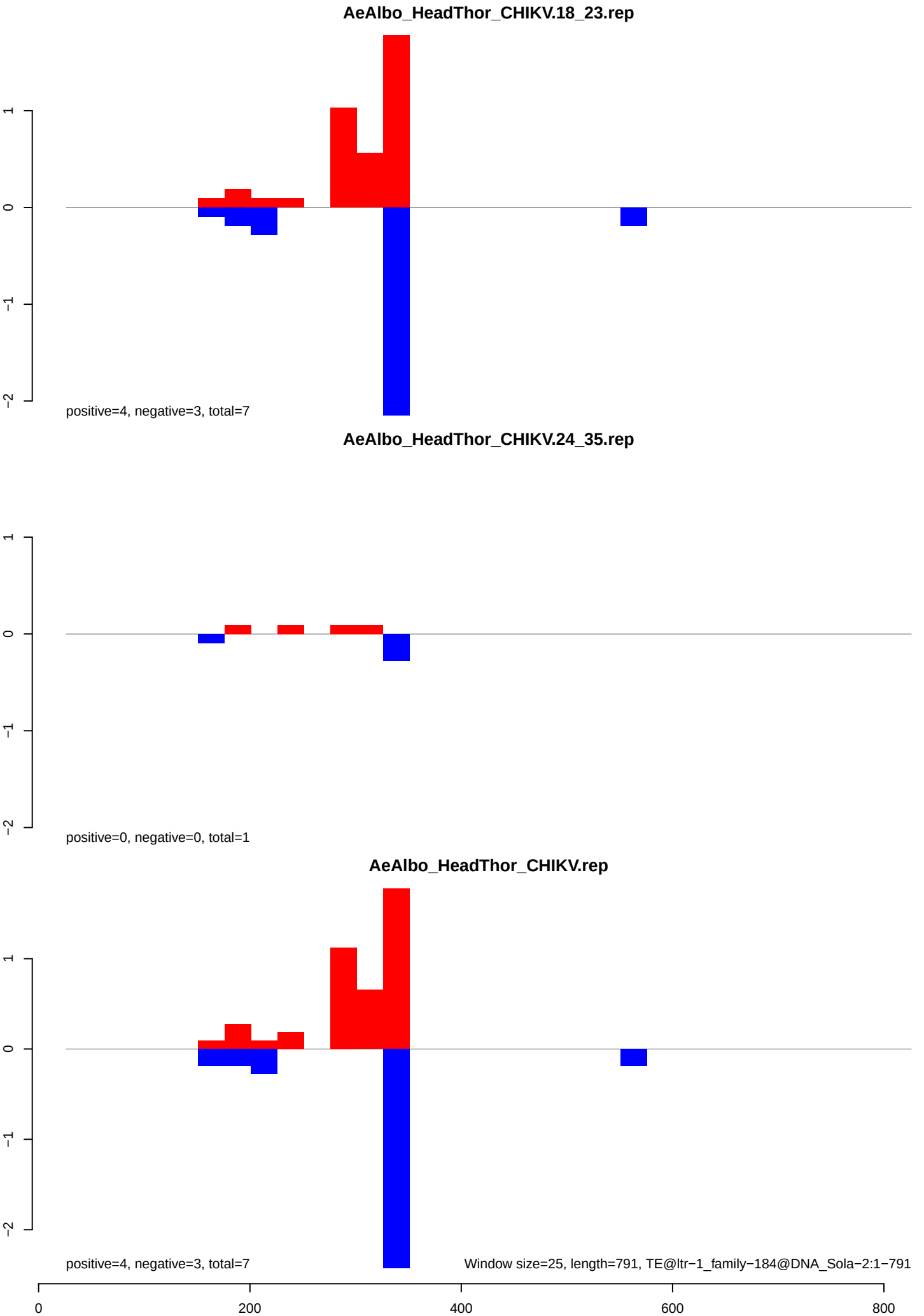

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

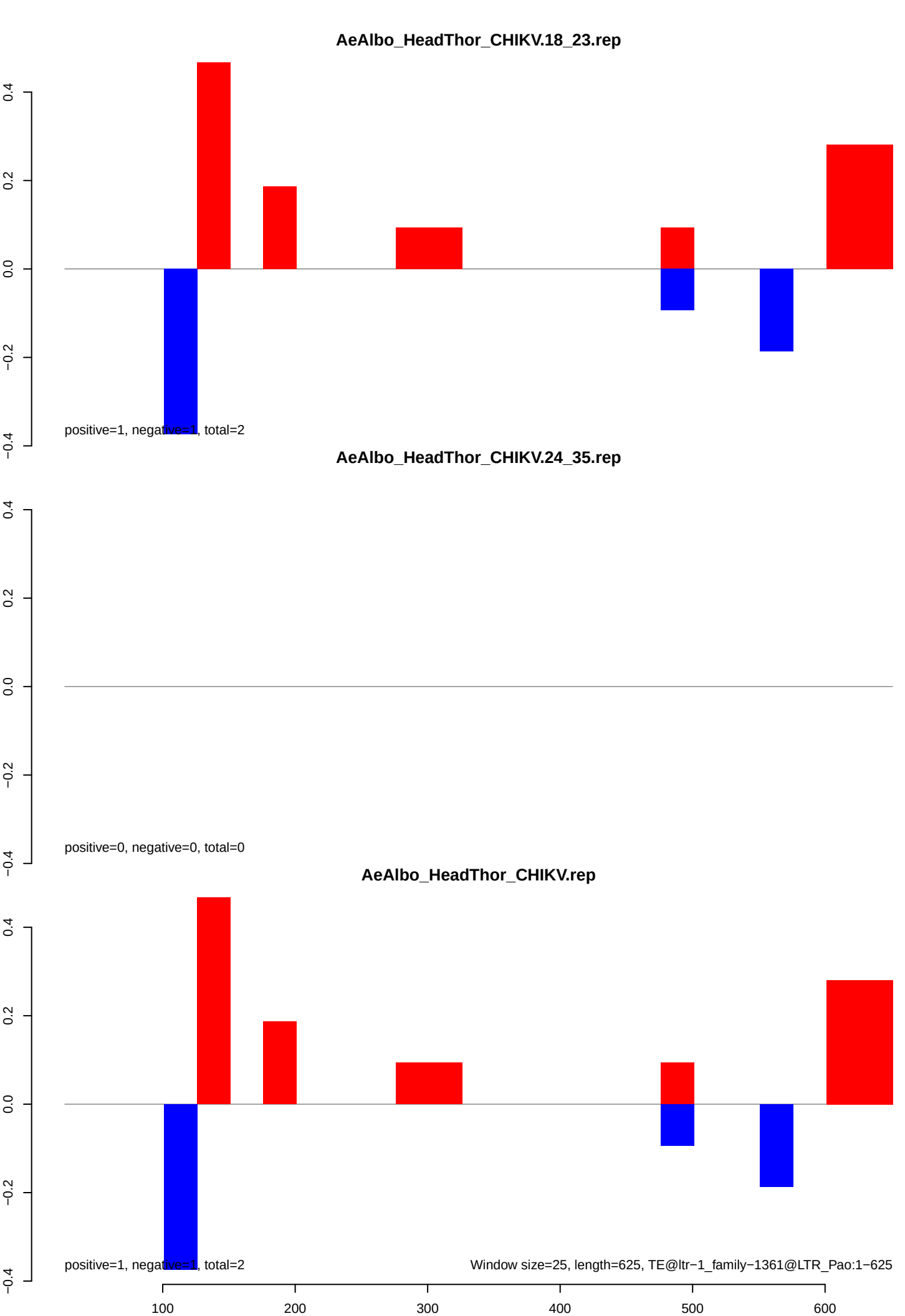

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3
Window size=25, length=2273, TE@ltr−1_family−3150@SINE_tRNA:1−2273
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=4, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=4, total=7
Window size=25, length=2945, TE@ltr−1_family−3108@Unknown:1−2945
2
1
0
−1
−2
−3
0
500
1000
1500
2000
2500
3000

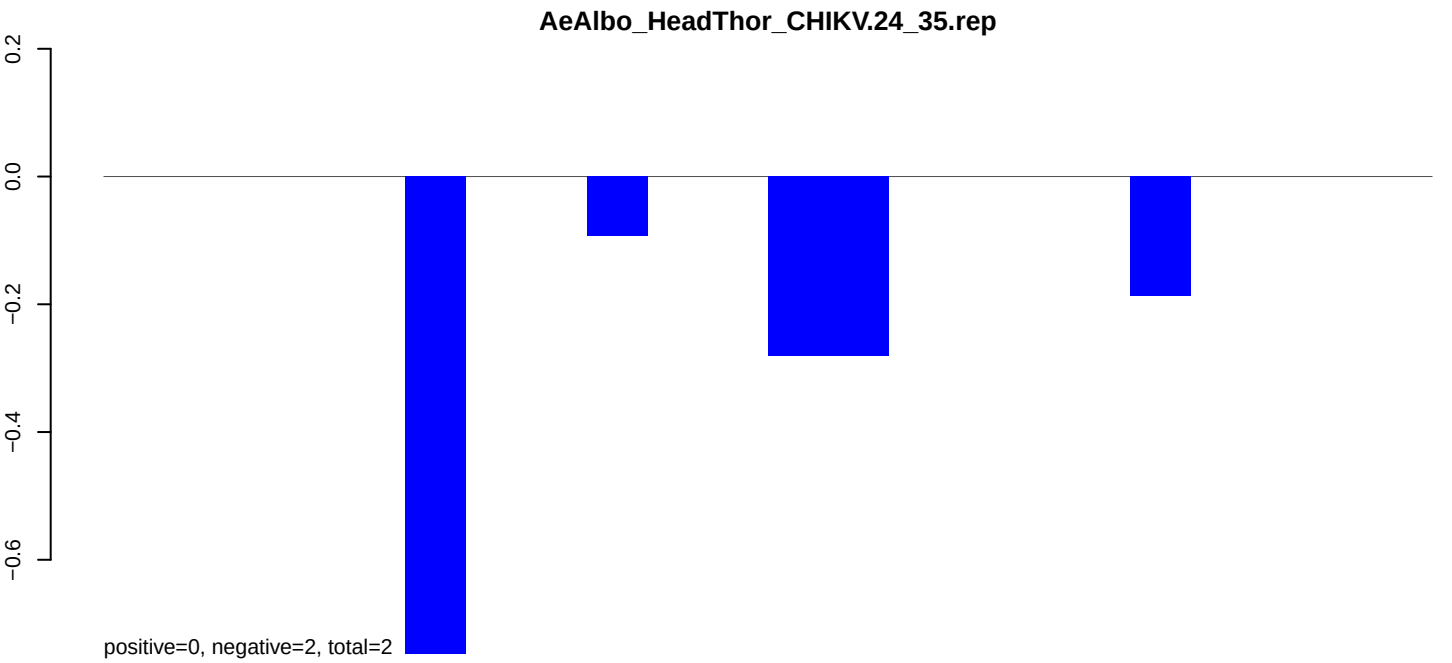

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
6
positive=7, negative=0, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
positive=8, negative=0, total=8
Window size=25, length=1665, TE@ltr-1_family-3103@Unknown:1-1665
0
500
1000
1500

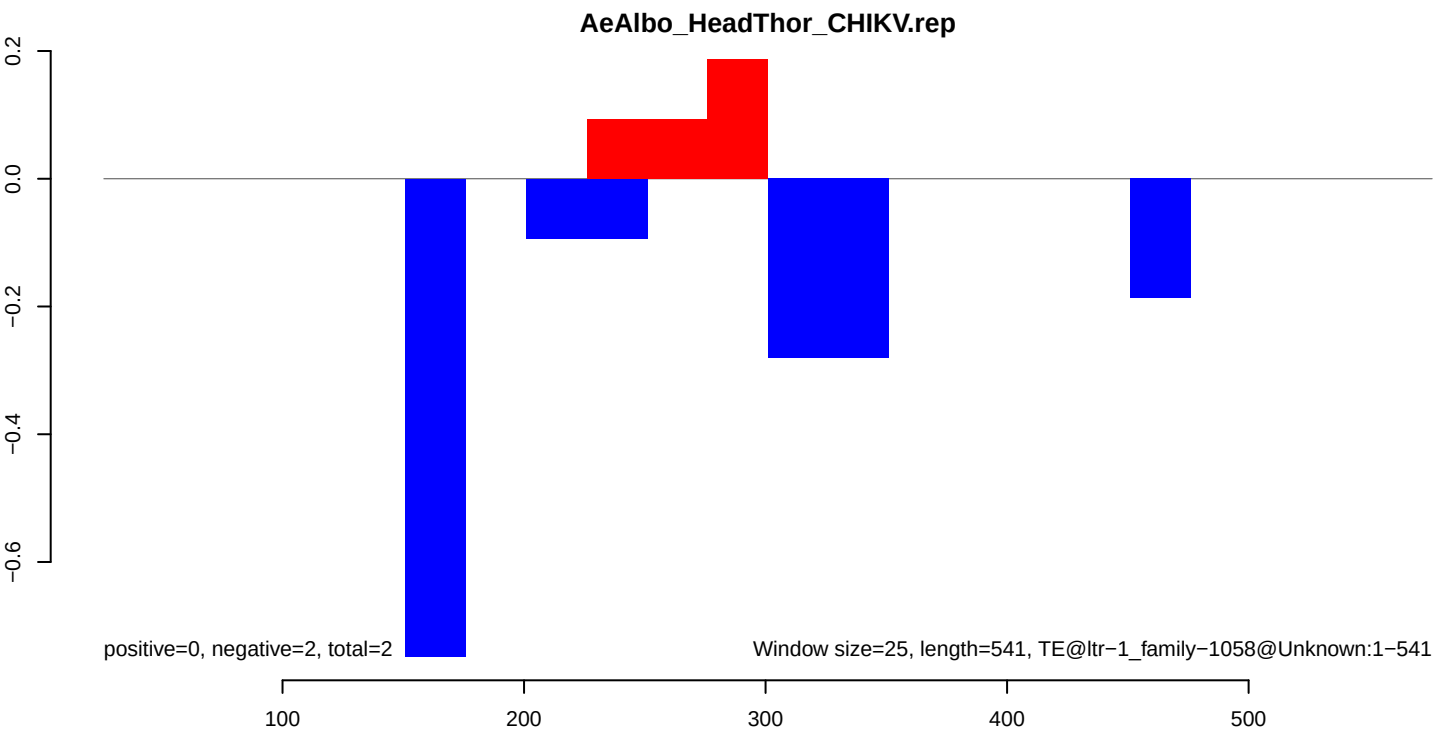

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=3268, TE@ltr−1_family−3041@LTR_Gypsy:1−3268
0
500
1000
1500
2000
2500
3000

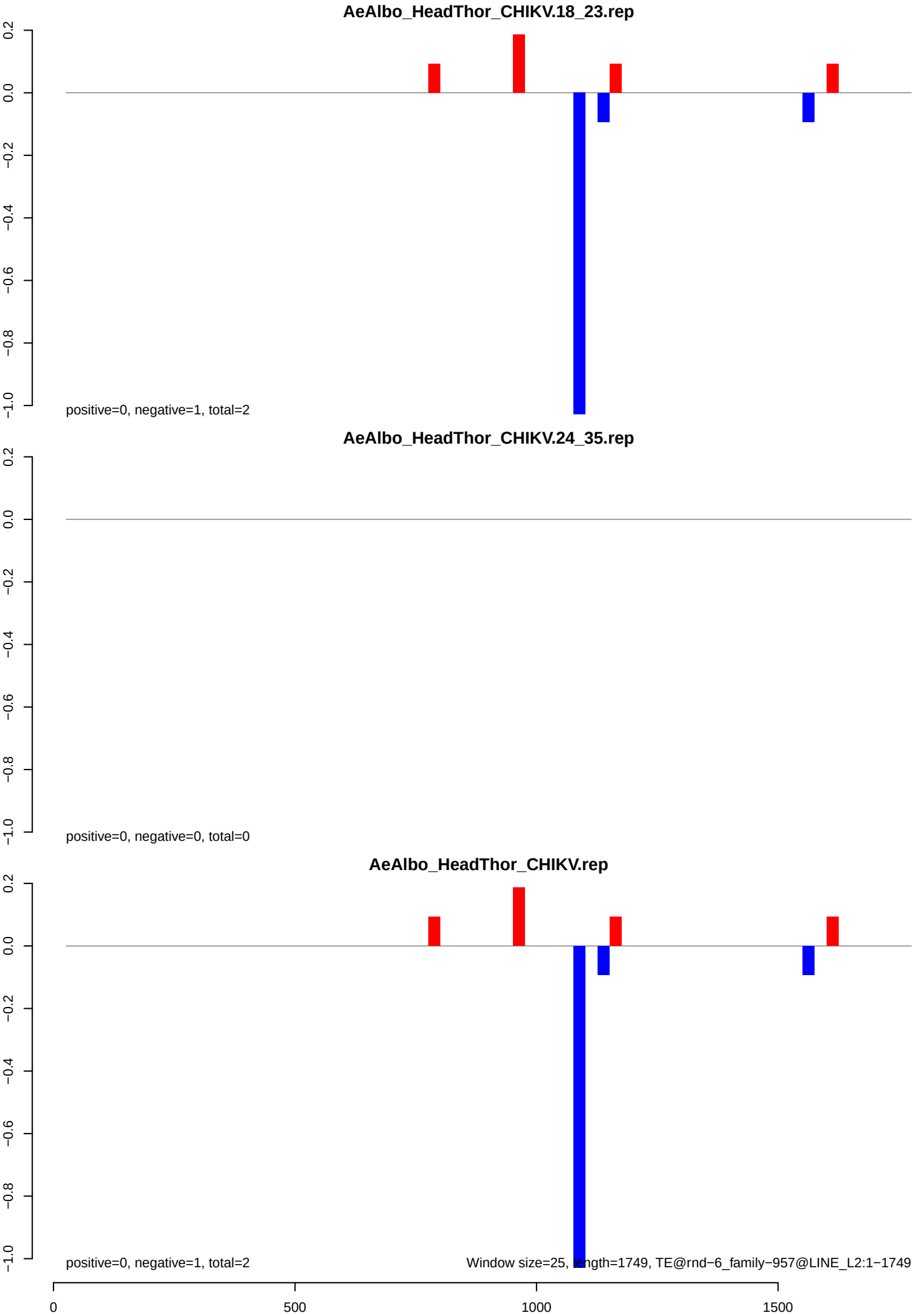

AeAlbo_HeadThor_CHIKV.18_23.rep
1
0
−1
−2
positive=4, negative=3, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
1
0
−1
−2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1
0
−1
−2
positive=4, negative=3, total=7
Window size=25, length=791, TE@ltr−1_family−184@DNA_Sola−2:1−791
0
200
400
600
800

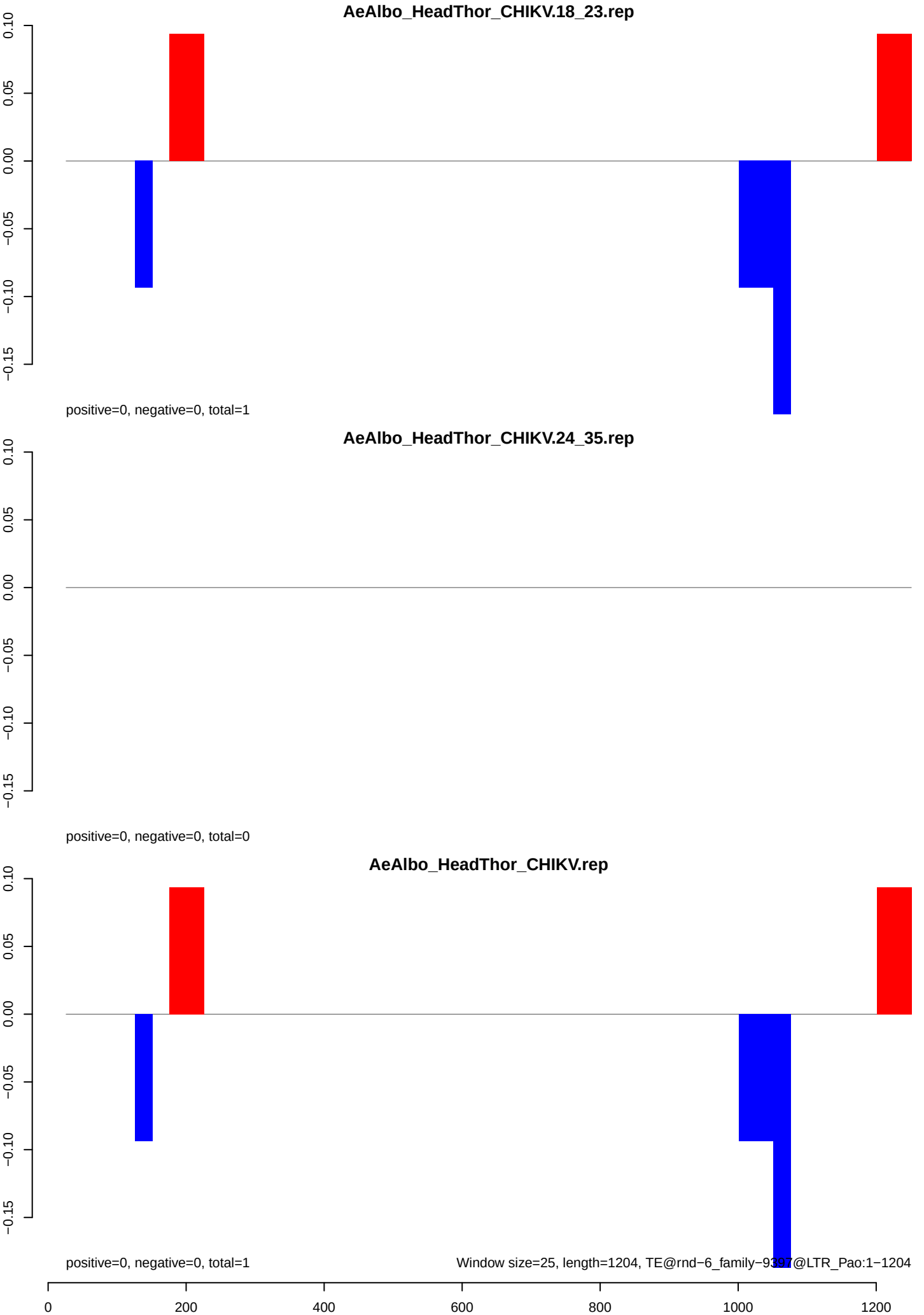

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=625, TE@ltr−1_family−1361@LTR_Pao:1−625
100
200
300
400
500
600

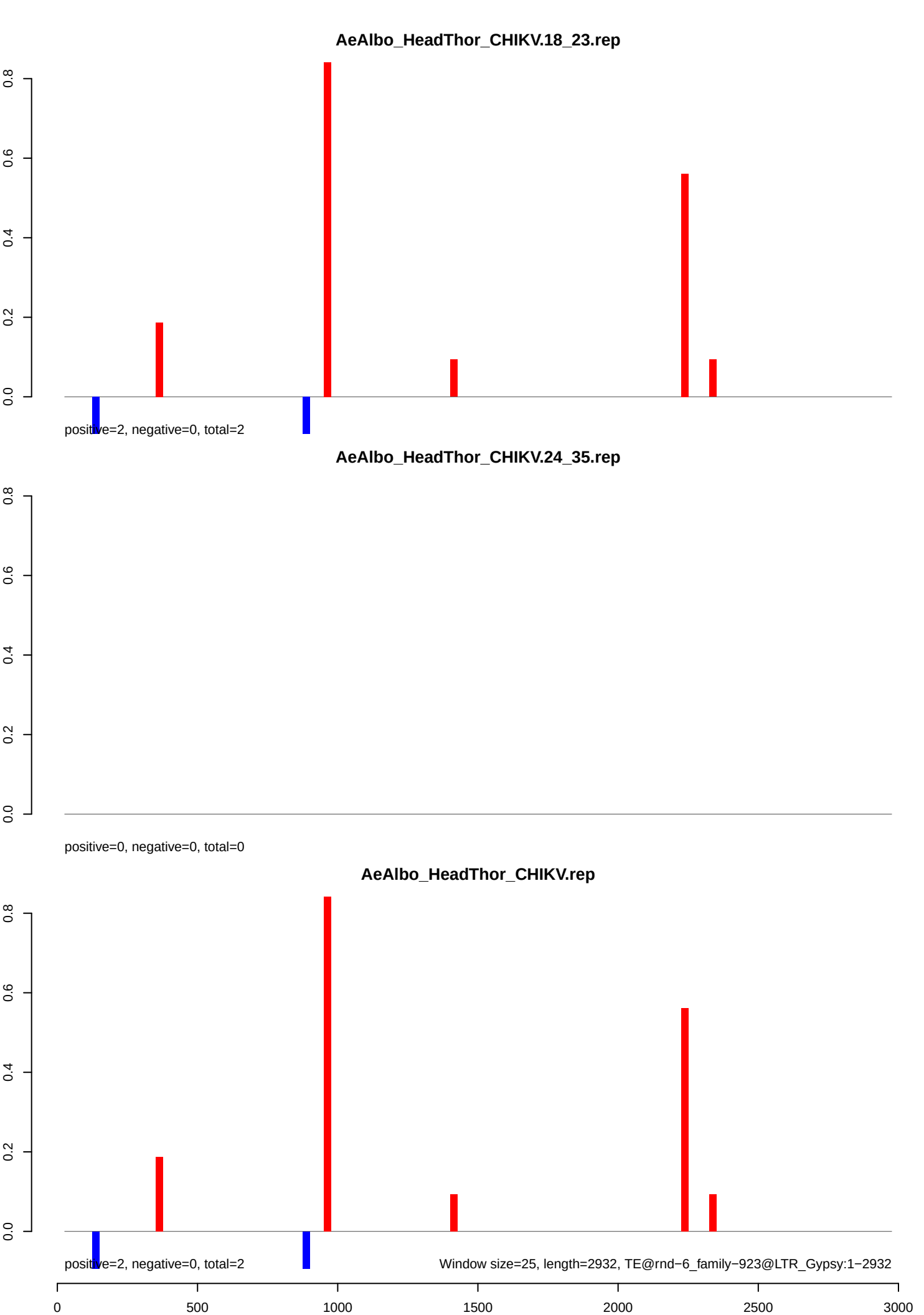
AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

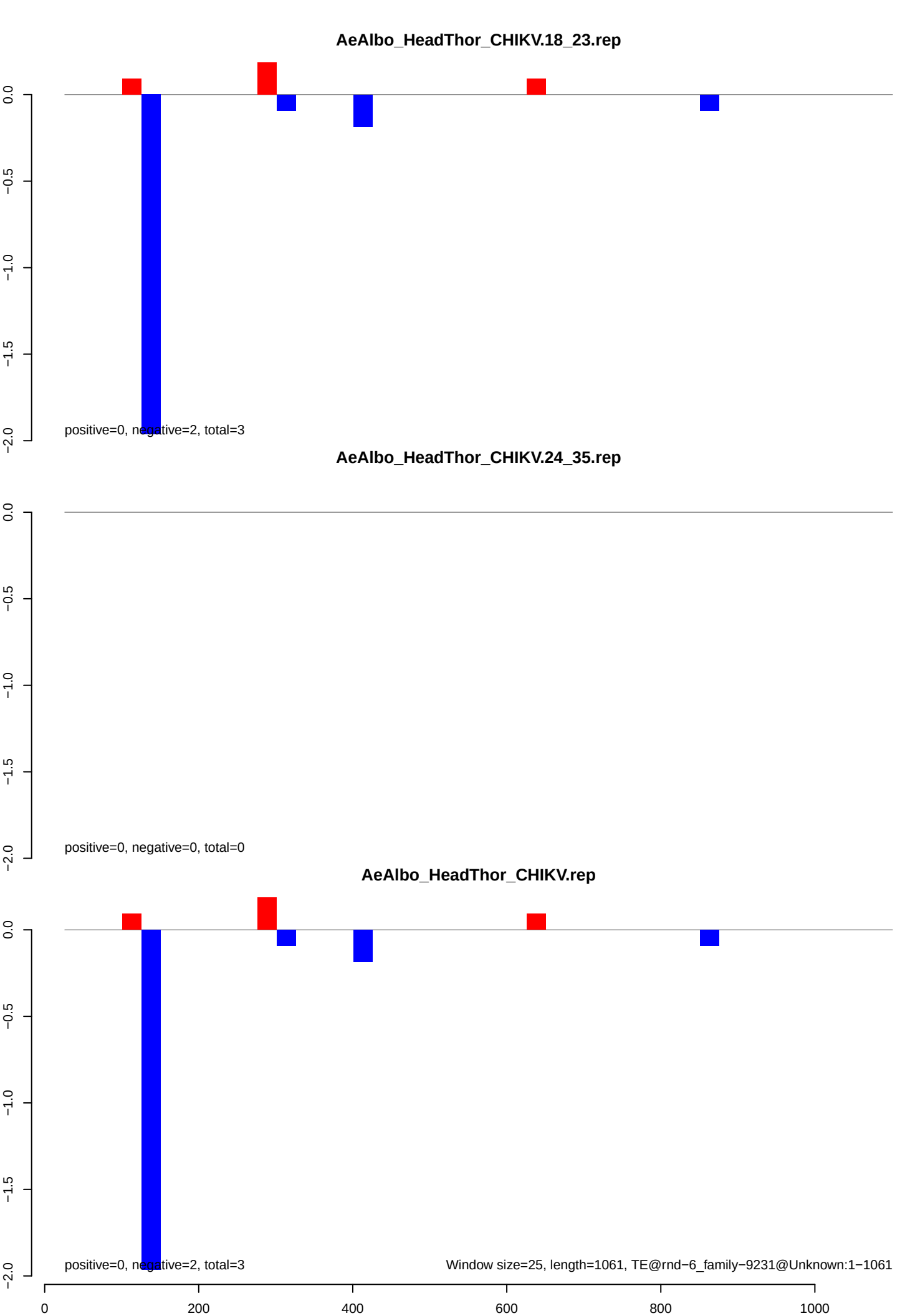

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=2, total=2

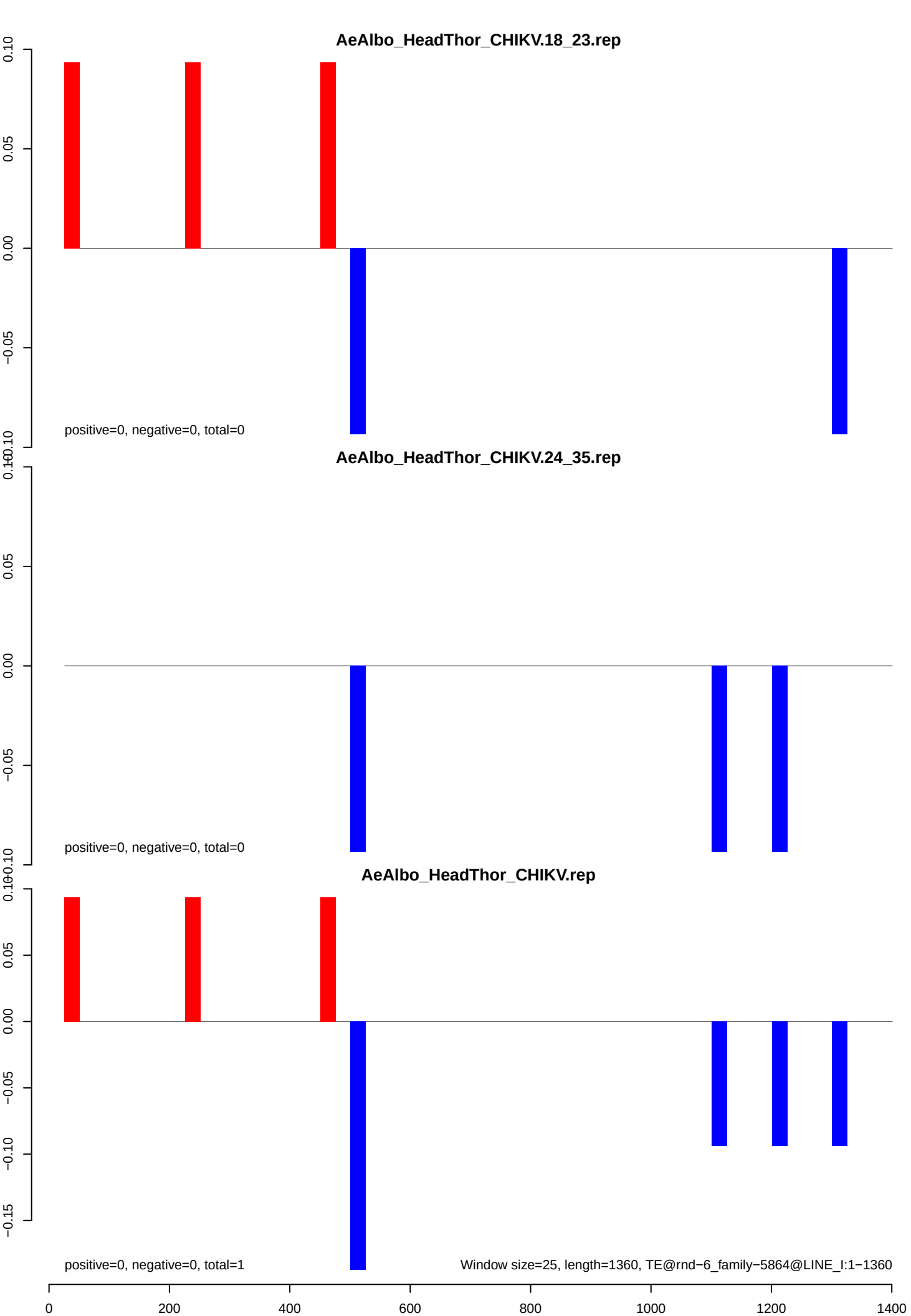

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=2, total=2
Window size=25, length=541, TE@ltr−1_family−1058@Unknown:1−541
100
200
300
400
500

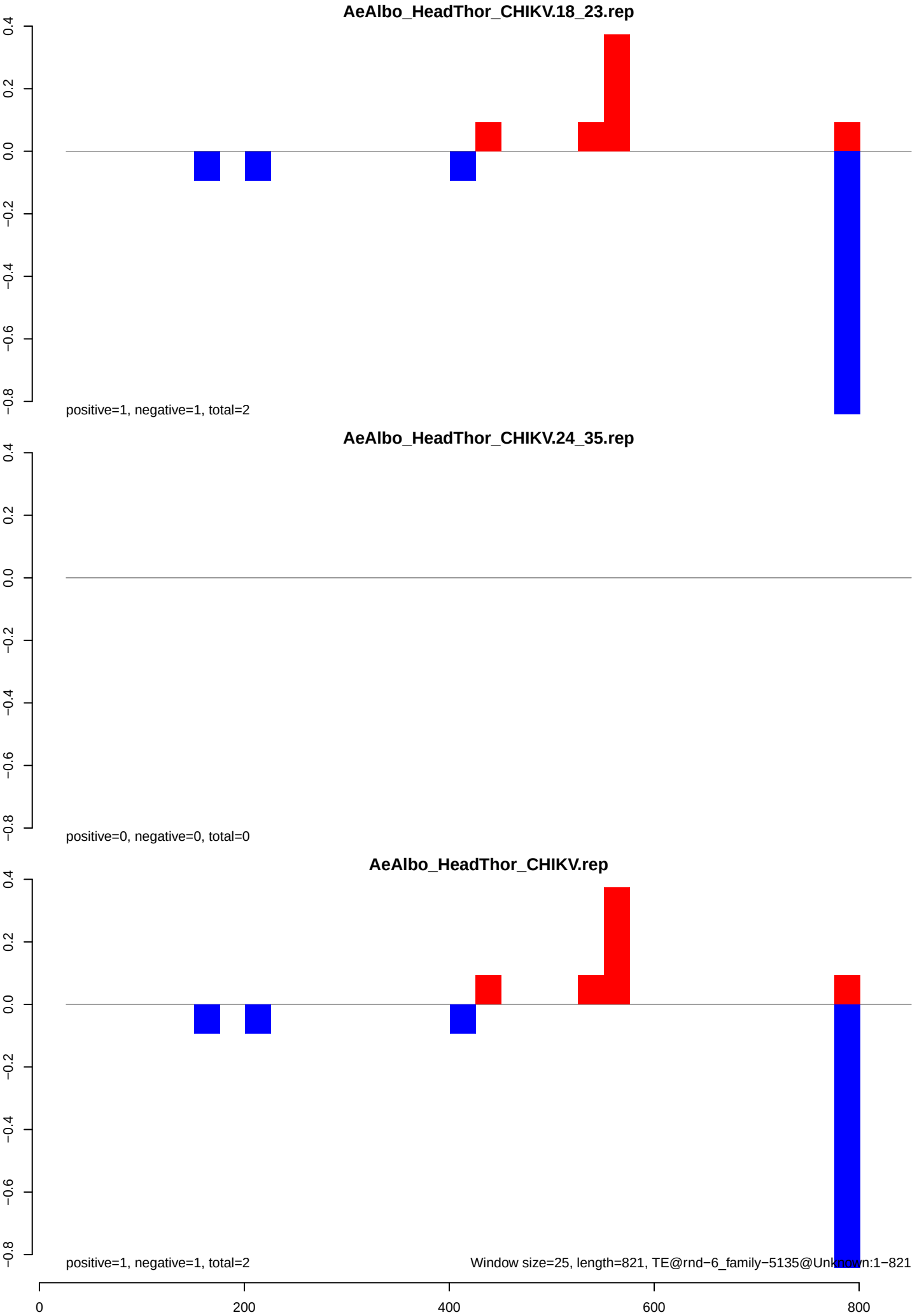

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=2
Window size=25, length=1749, TE@rnd−6_family−957@LINE_L2:1−1749
0
500
1000
1500

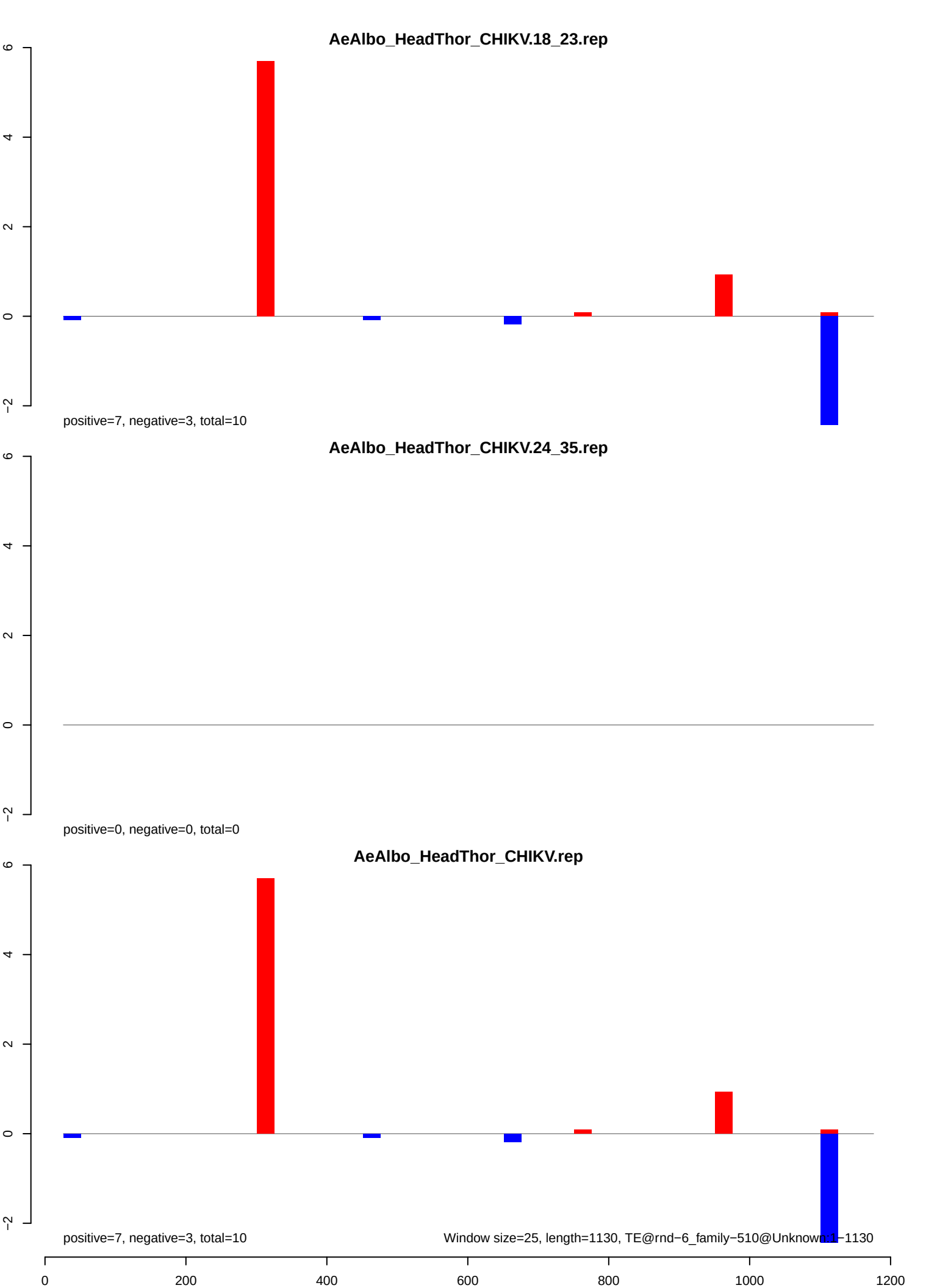

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1204, TE@rnd−6_family−9397@LTR_Pao:1−1204
0
200
400
600
800
1000
1200

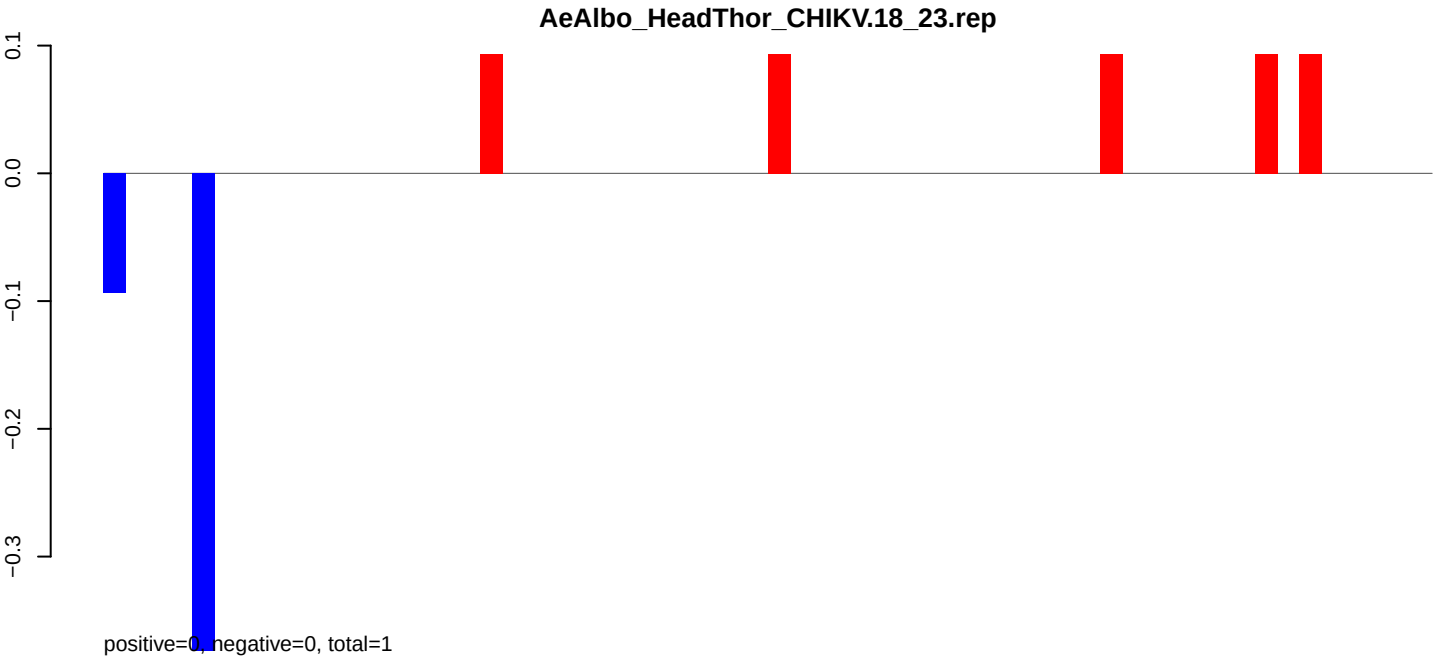

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=2, negative=0, total=2
Window size=25, length=2932, TE@rnd−6_family−923@LTR_Gypsy:1−2932
0
500
1000
1500
2000
2500
3000

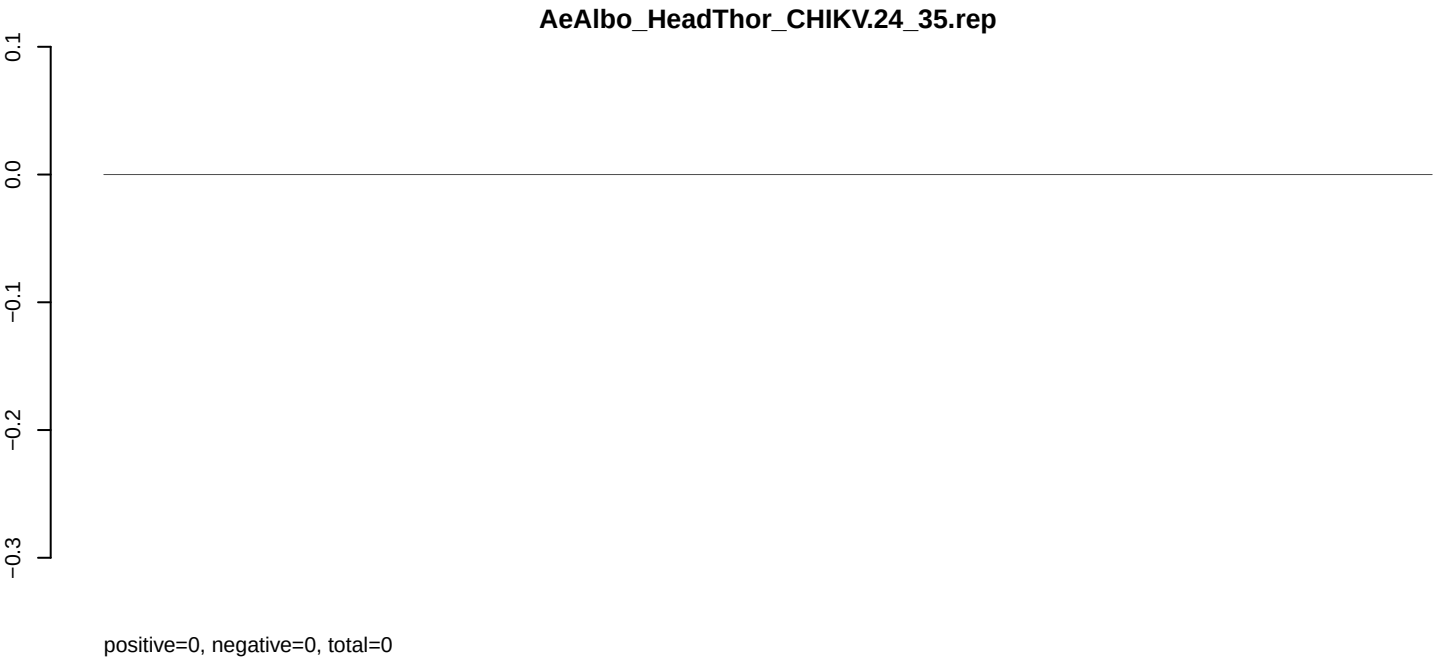

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=3
Window size=25, length=1061, TE@rnd−6_family−9231@Unknown:1−1061
0
200
400
600
800
1000

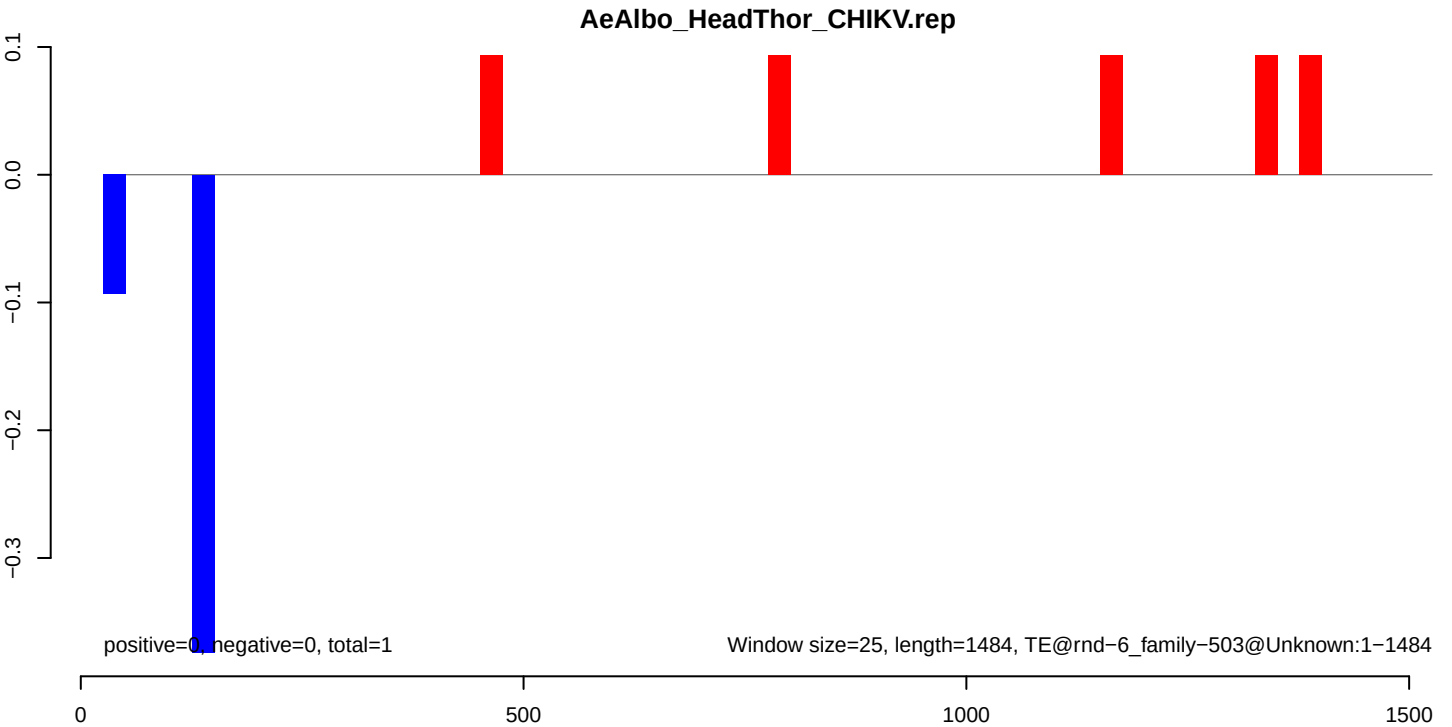

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1360, TE@rnd−6_family−5864@LINE_I:1−1360
0
200
400
600
800
1000
1200
1400

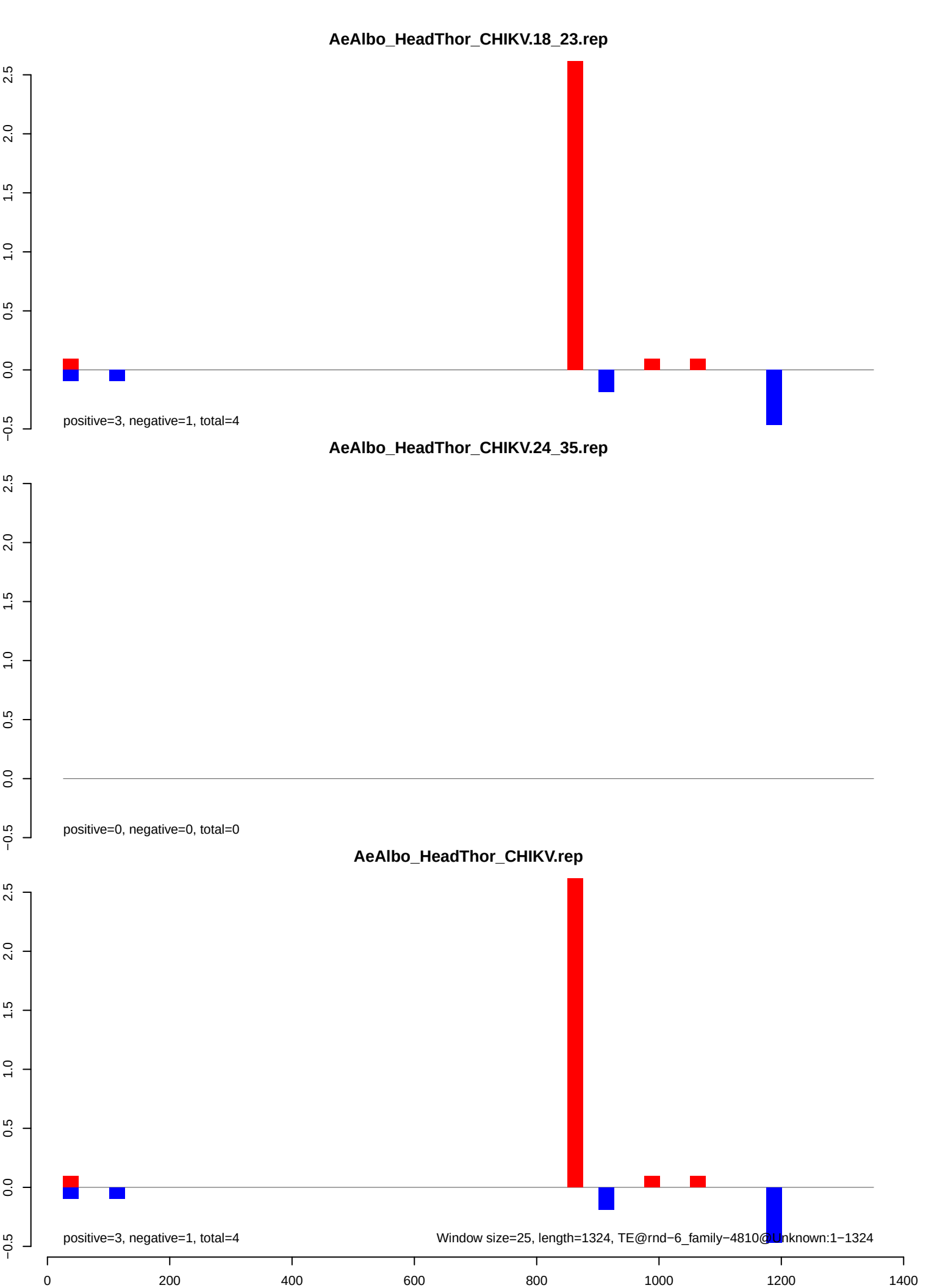

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=1, negative=1, total=2
Window size=25, length=821, TE@rnd−6_family−5135@Unknown:1−821
0
200
400
600
800

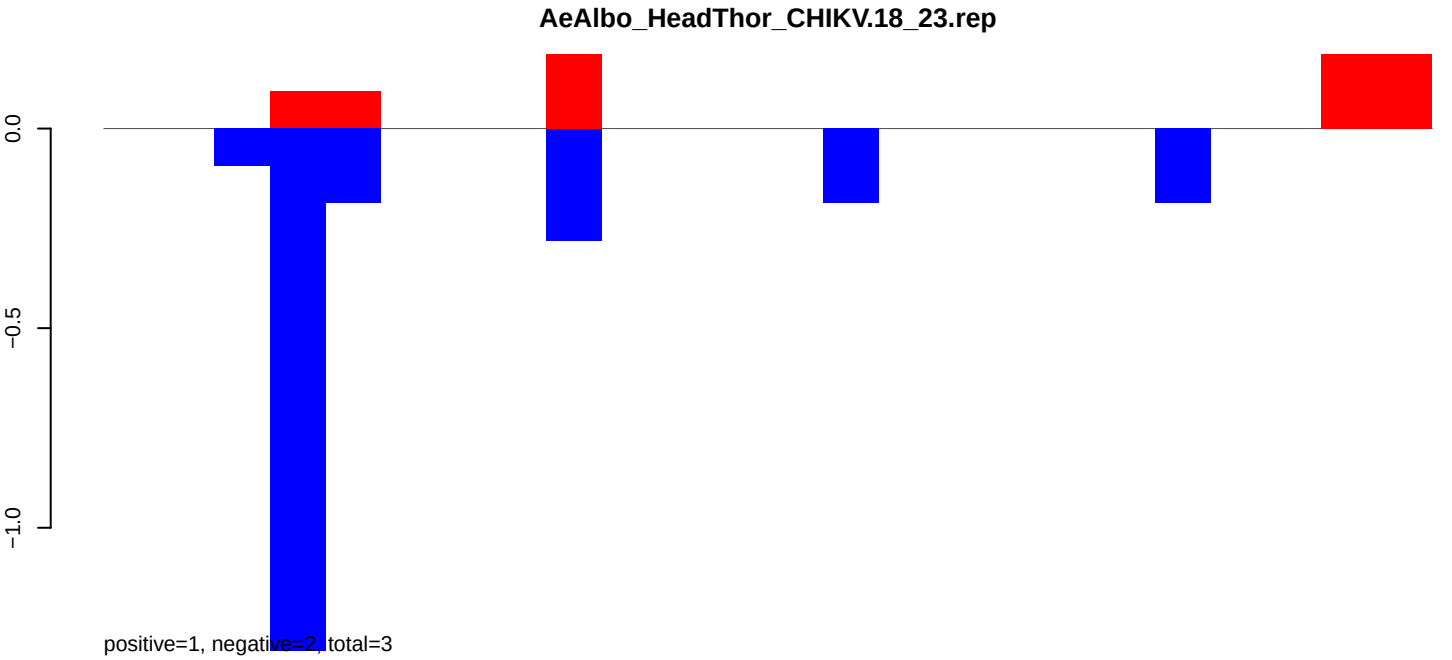

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=3, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=3, total=10
Window size=25, length=1130, TE@rnd−6_family−510@Unknown:1−1130
6
4
2
0
−2
0
200
400
600
800
1000
1200

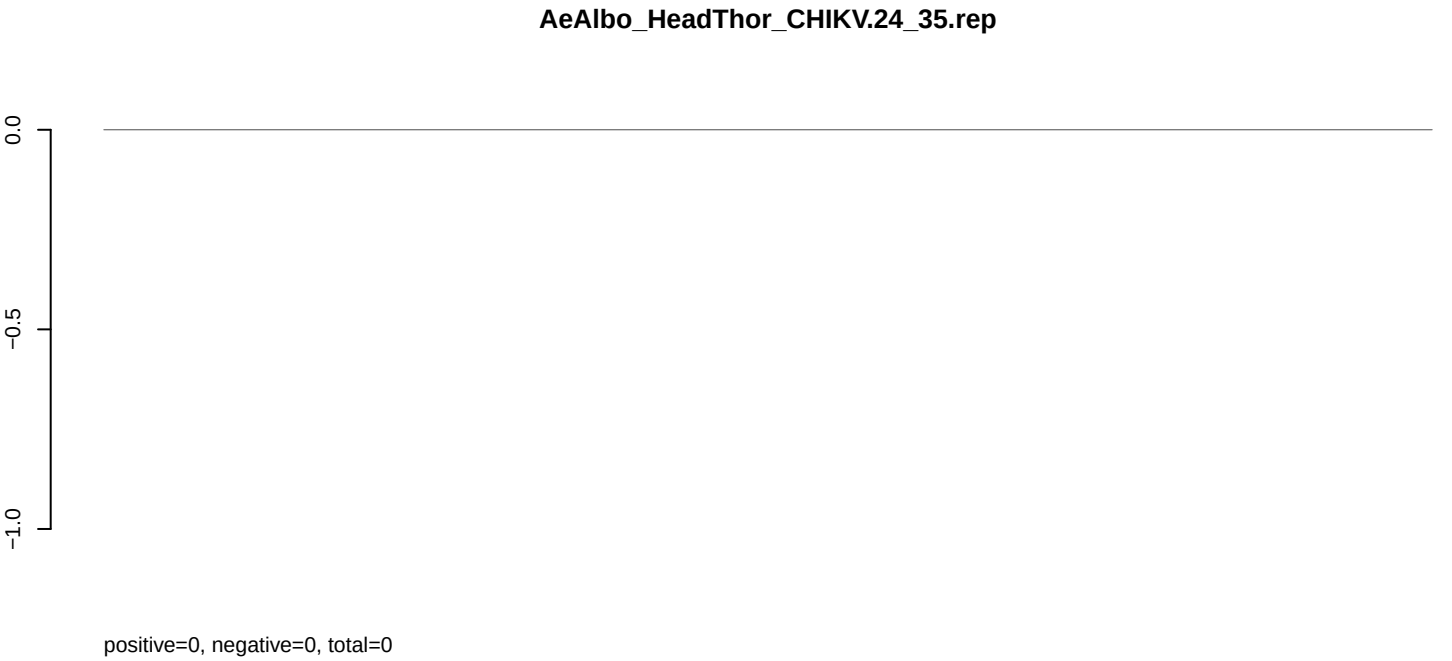

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1

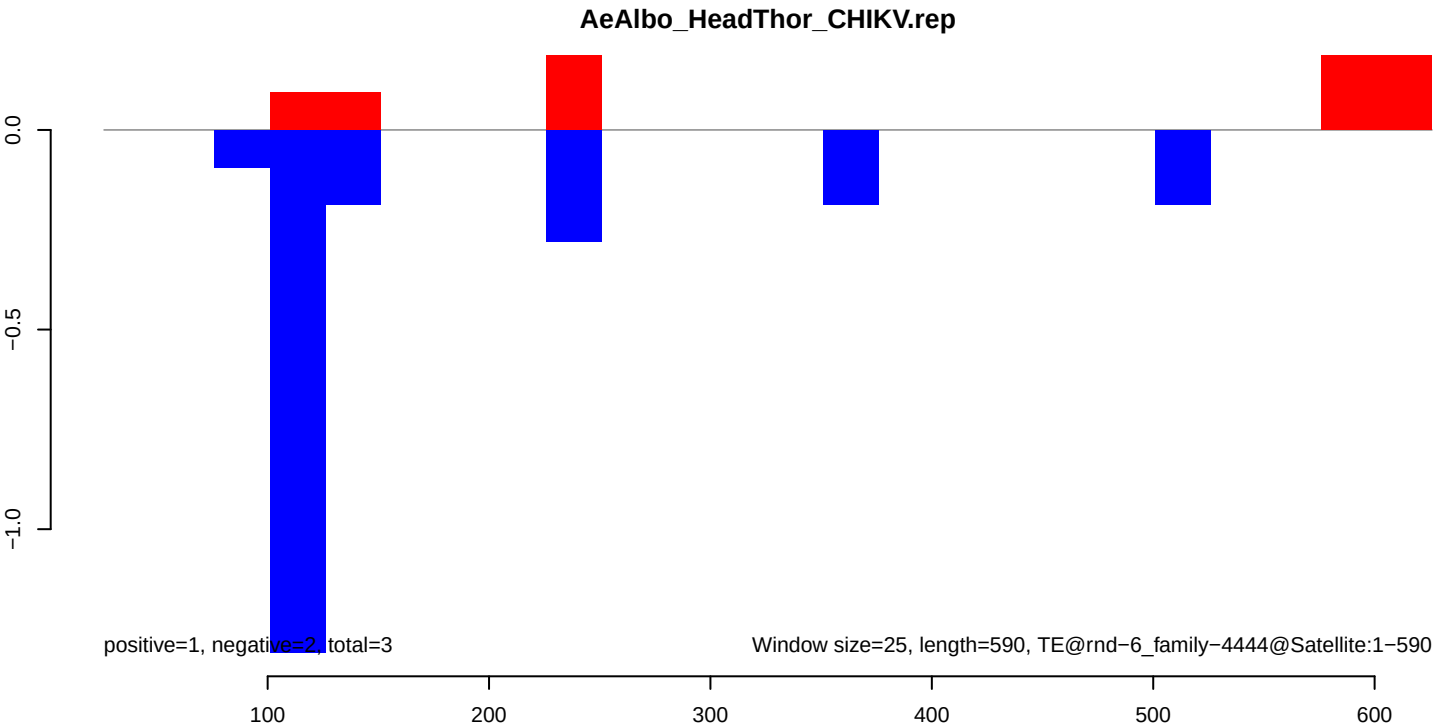

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

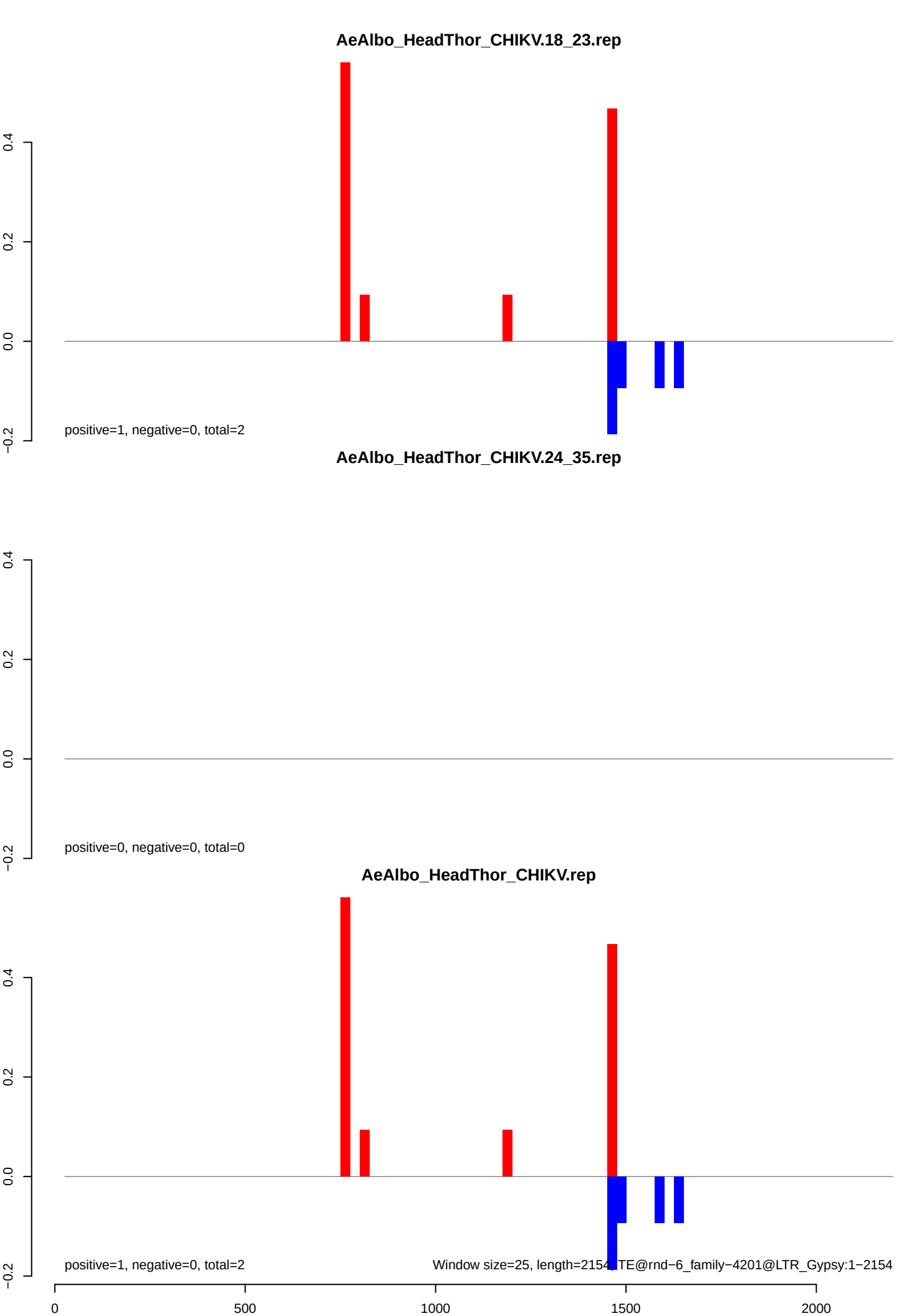

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
Window size=25, length=1484, TE@rnd−6_family−503@Unknown:1−1484
0
500
1000
1500

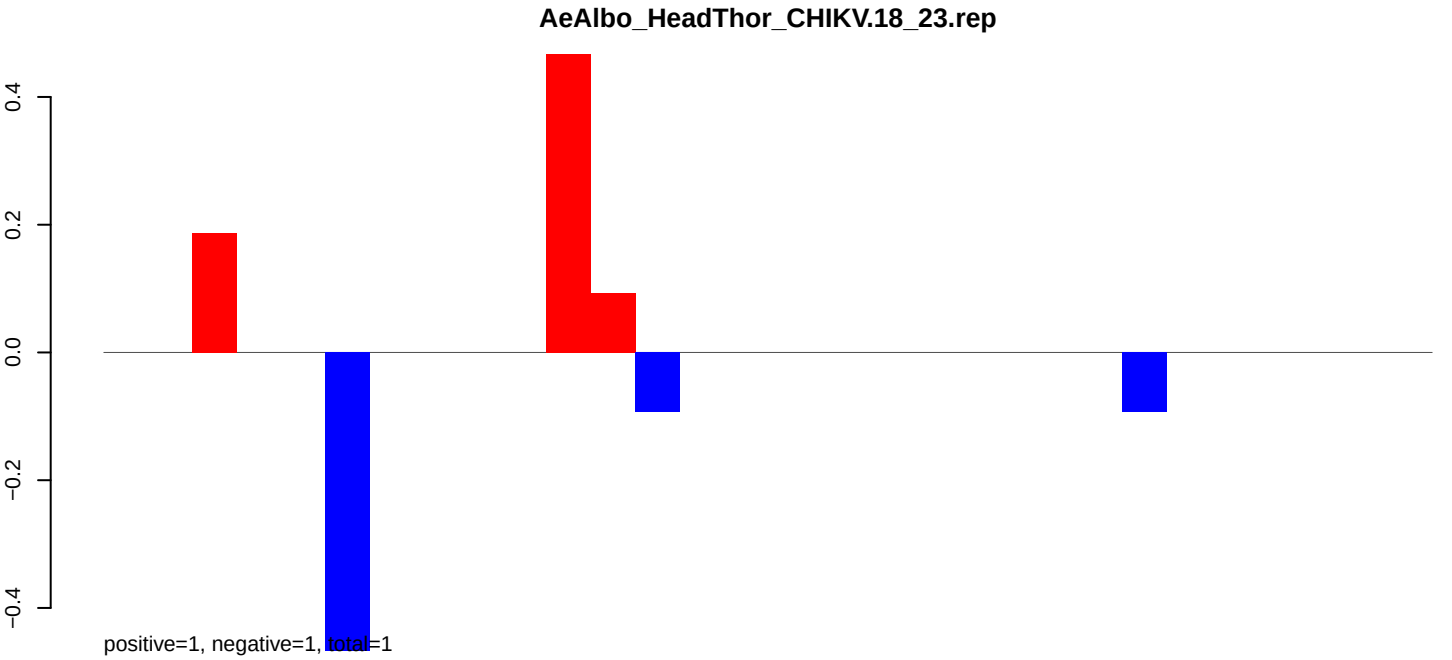

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=3, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=1, total=4
Window size=25, length=1324, TE@rnd−6_family−4810@Unknown:1−1324
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
0
200
400
600
800
1000
1200
1400

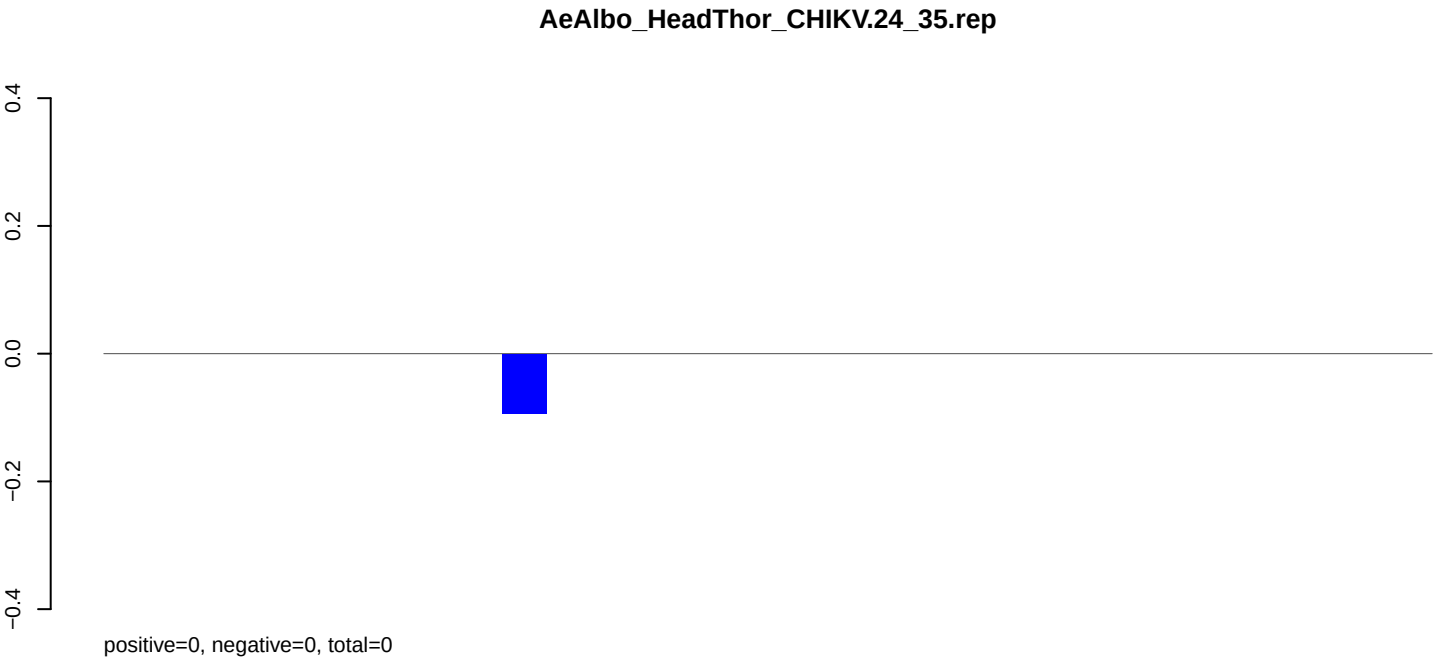

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=1, negative=2, total=3

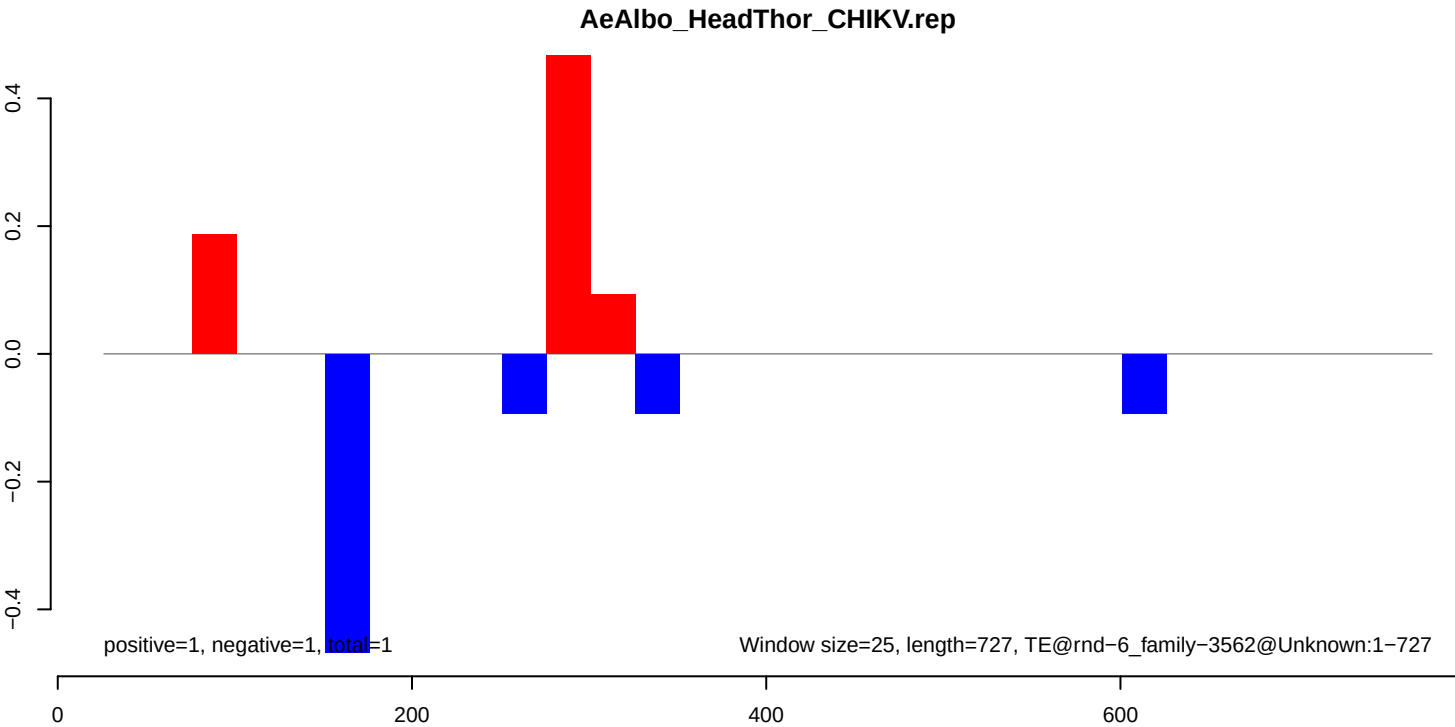

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0

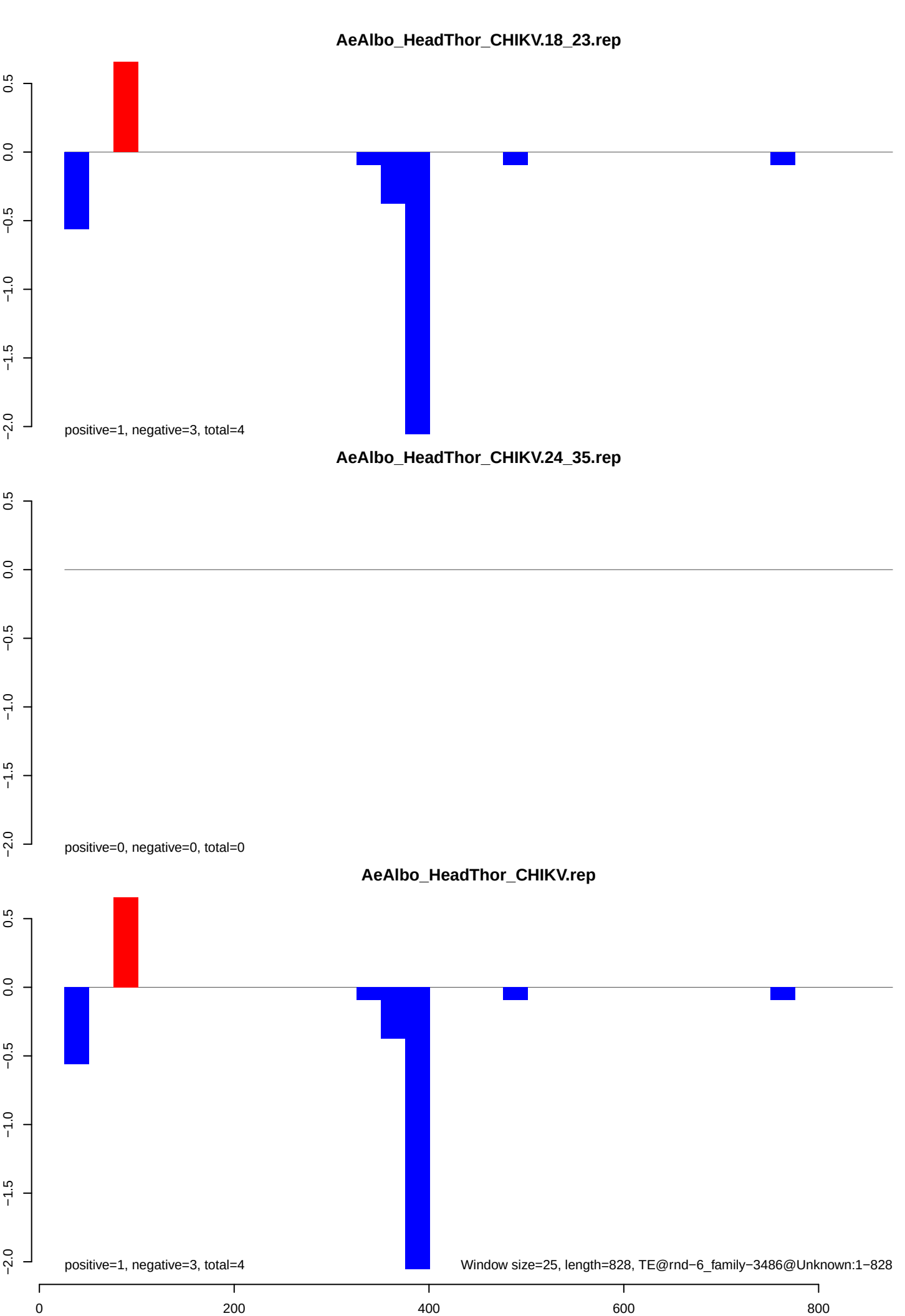

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=1, negative=2, total=3
Window size=25, length=590, TE@rnd−6_family−4444@Satellite:1−590
100
200
300
400
500
600

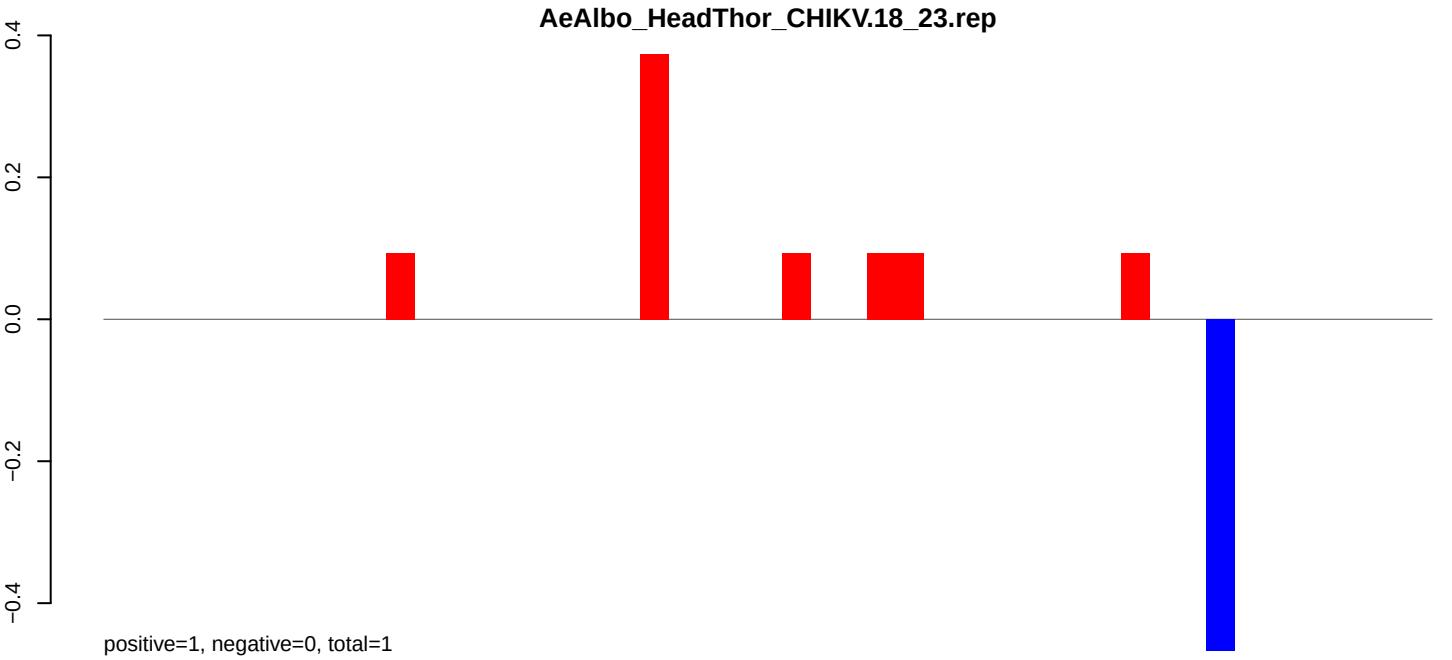

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
Window size=25, length=2154, TE@rnd−6_family−4201@LTR_Gypsy:1−2154
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=1

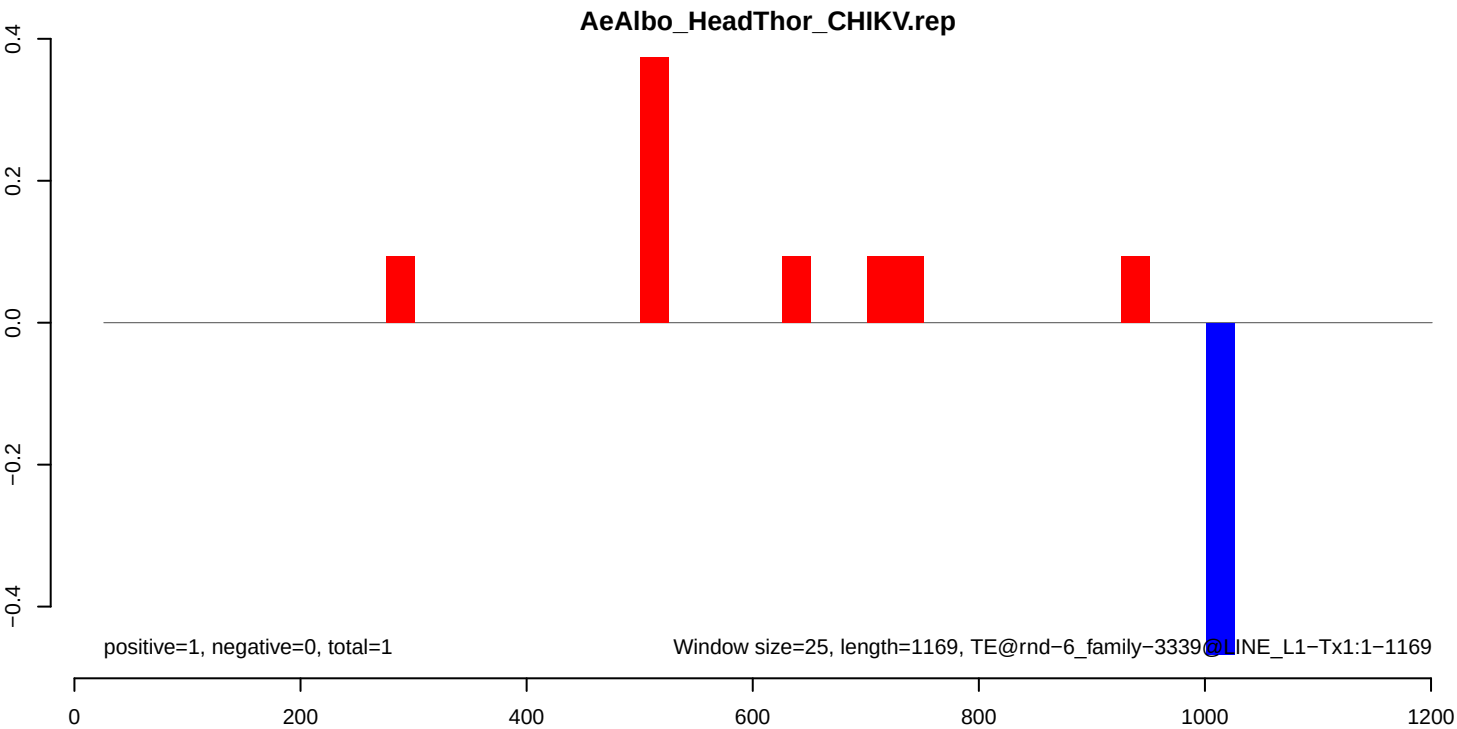

AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

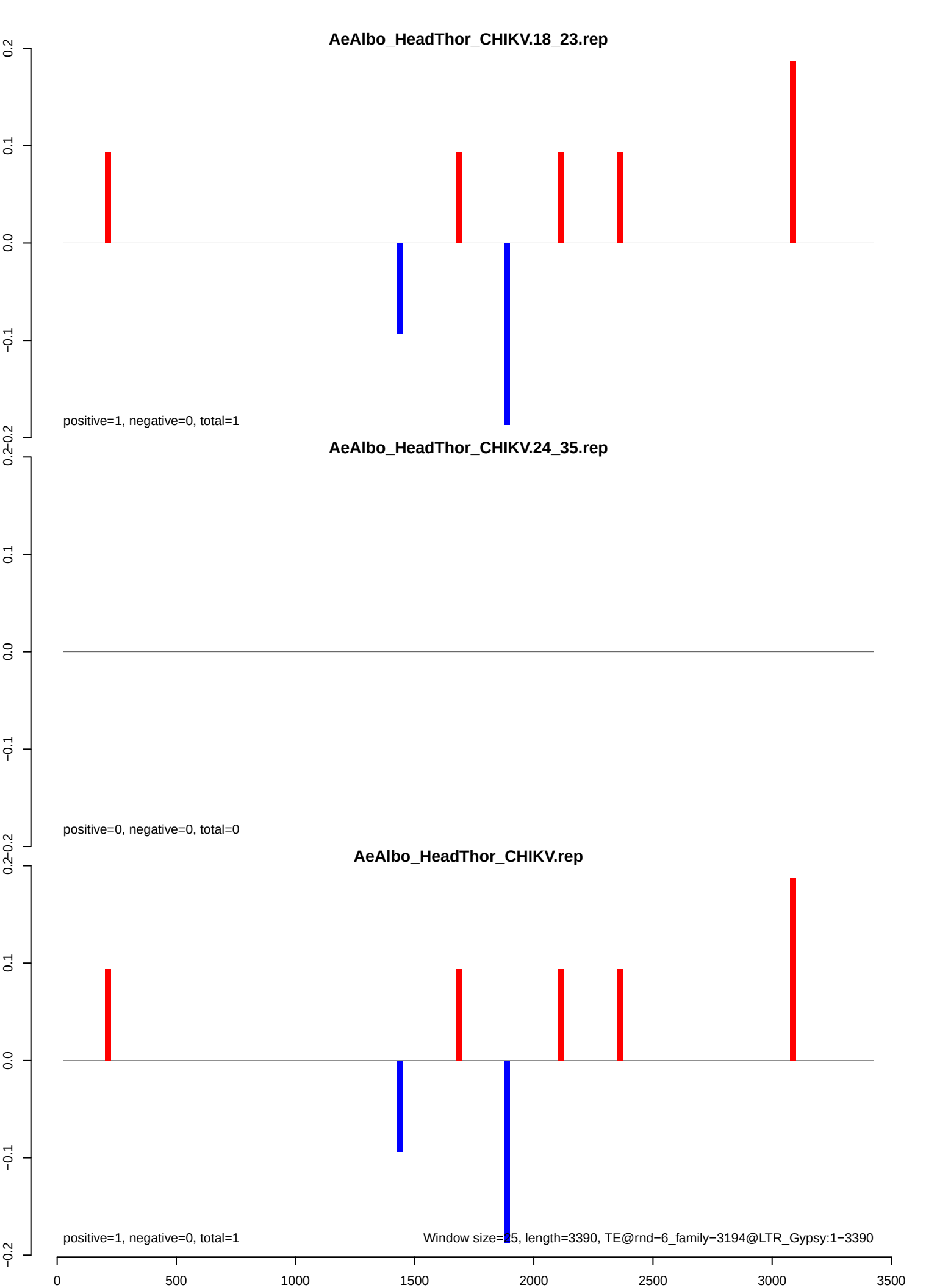

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=1
Window size=25, length=727, TE@rnd−6_family−3562@Unknown:1−727
0
200
400
600
800

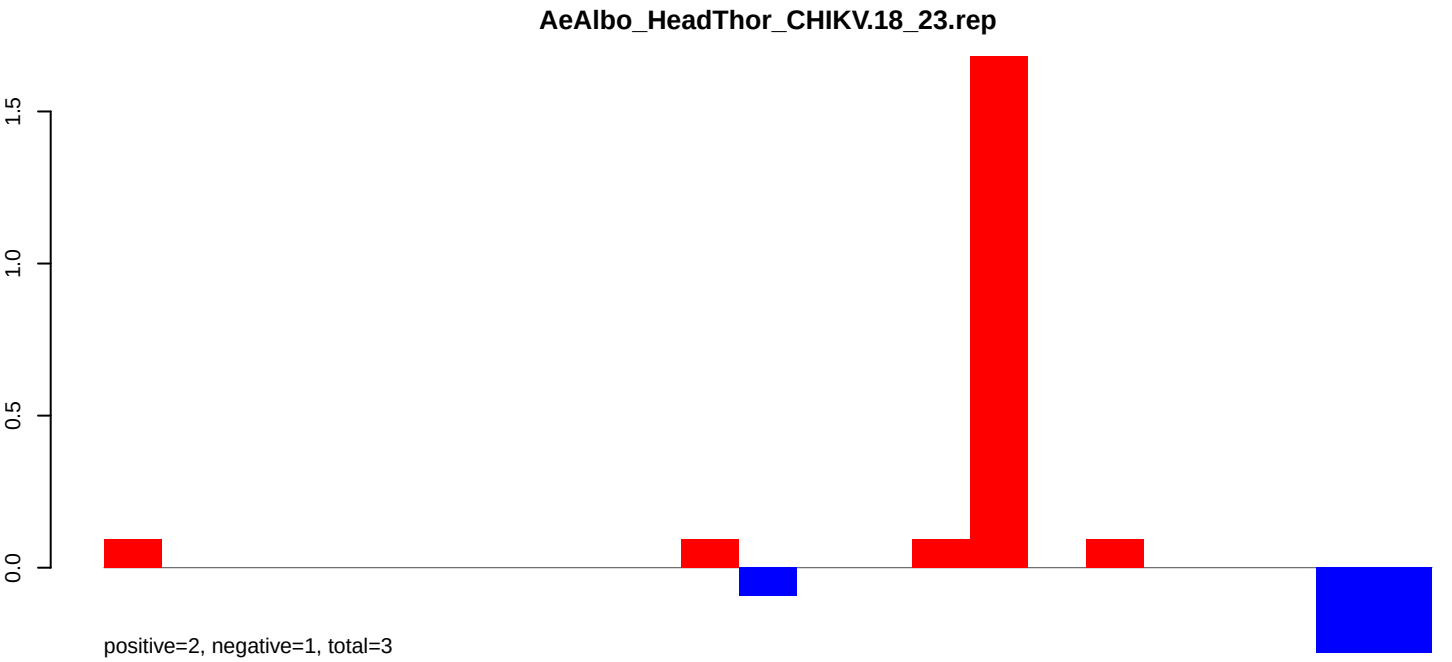

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=3, total=4
Window size=25, length=828, TE@rnd−6_family−3486@Unknown:1−828
0
200
400
600
800

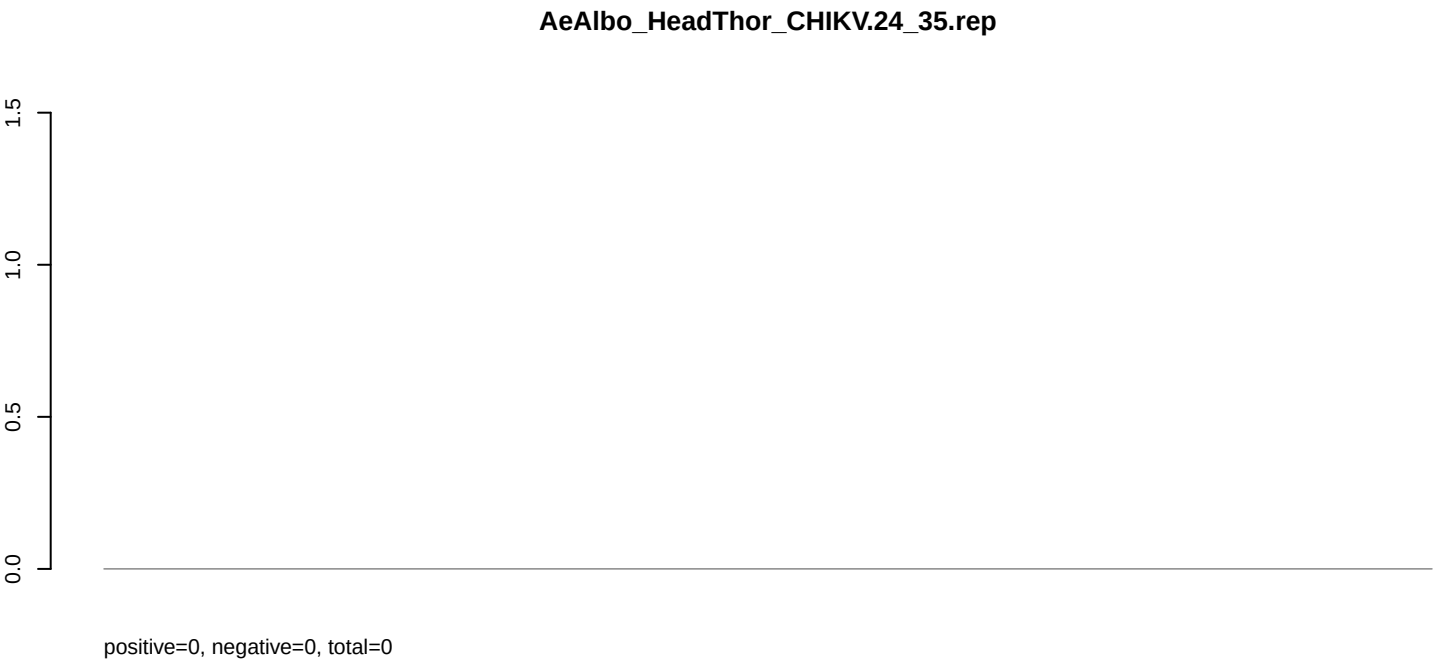

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=0, total=1

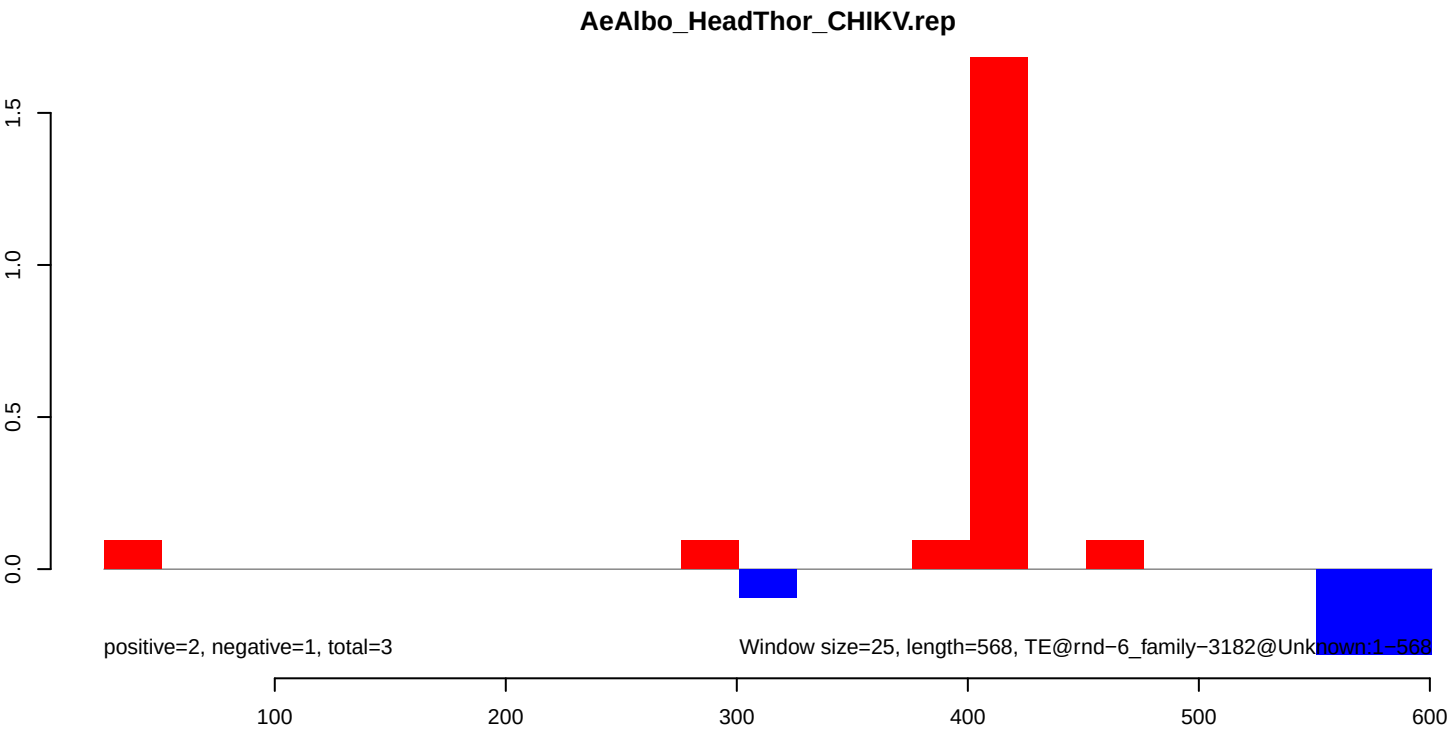
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

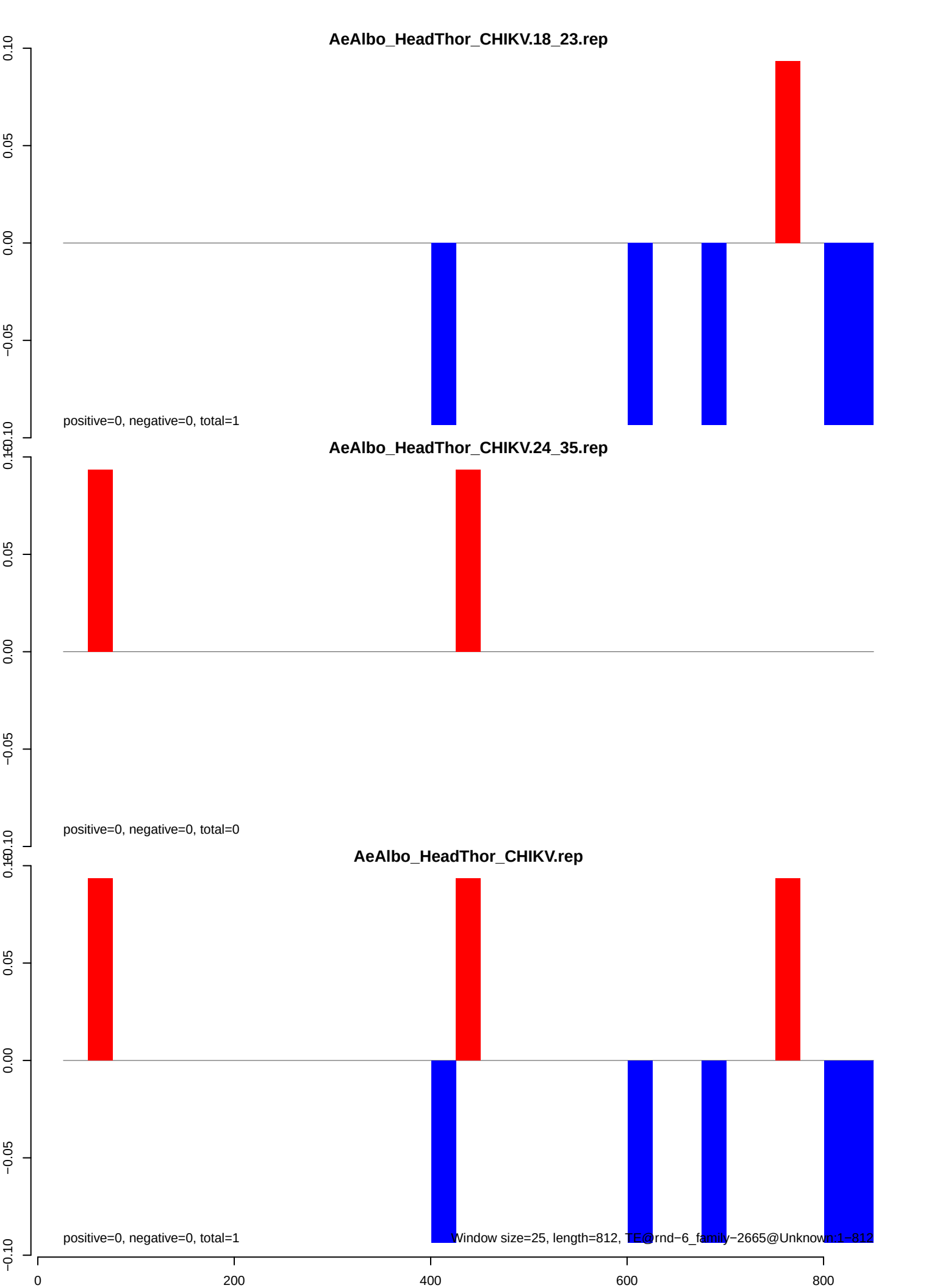

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=0, total=1
Window size=25, length=1169, TE@rnd−6_family−3339@LINE_L1−Tx1:1−1169
0
200
400
600
800
1000
1200

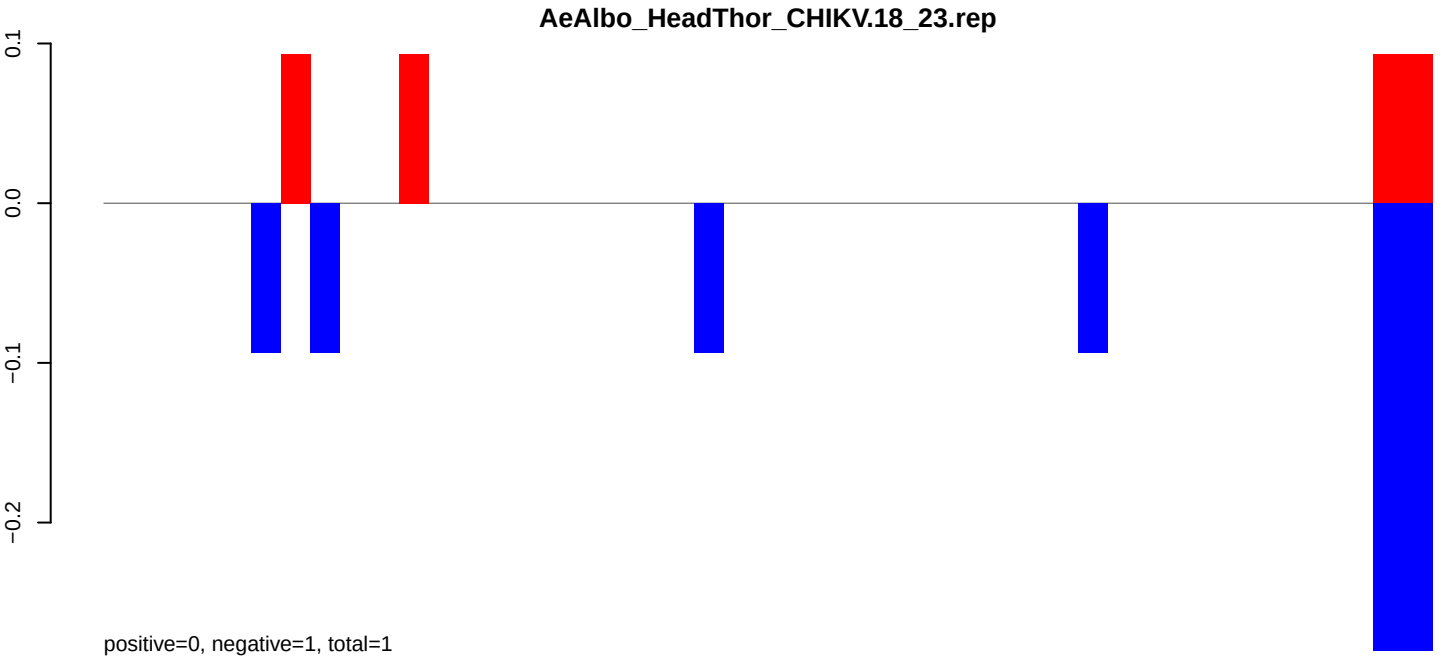

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=3390, TE@rnd−6_family−3194@LTR_Gypsy:1−3390
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500
2000
2500
3000
3500

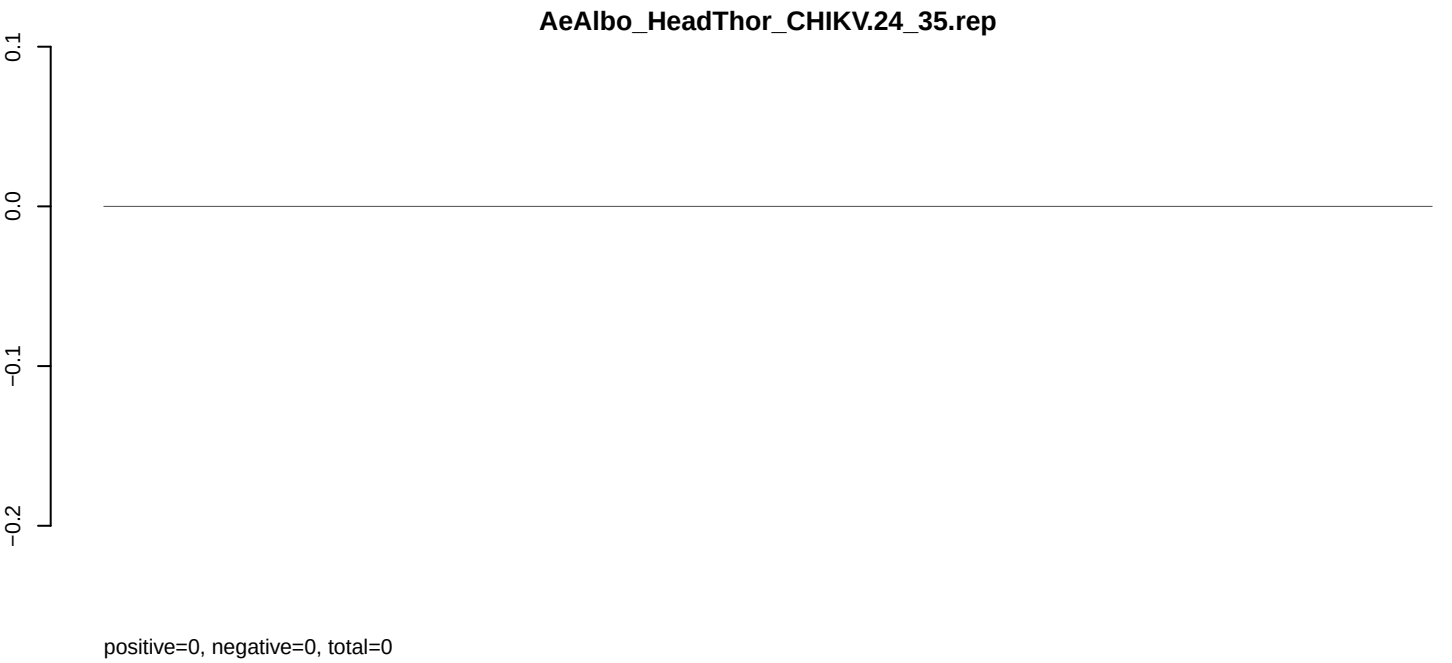

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3

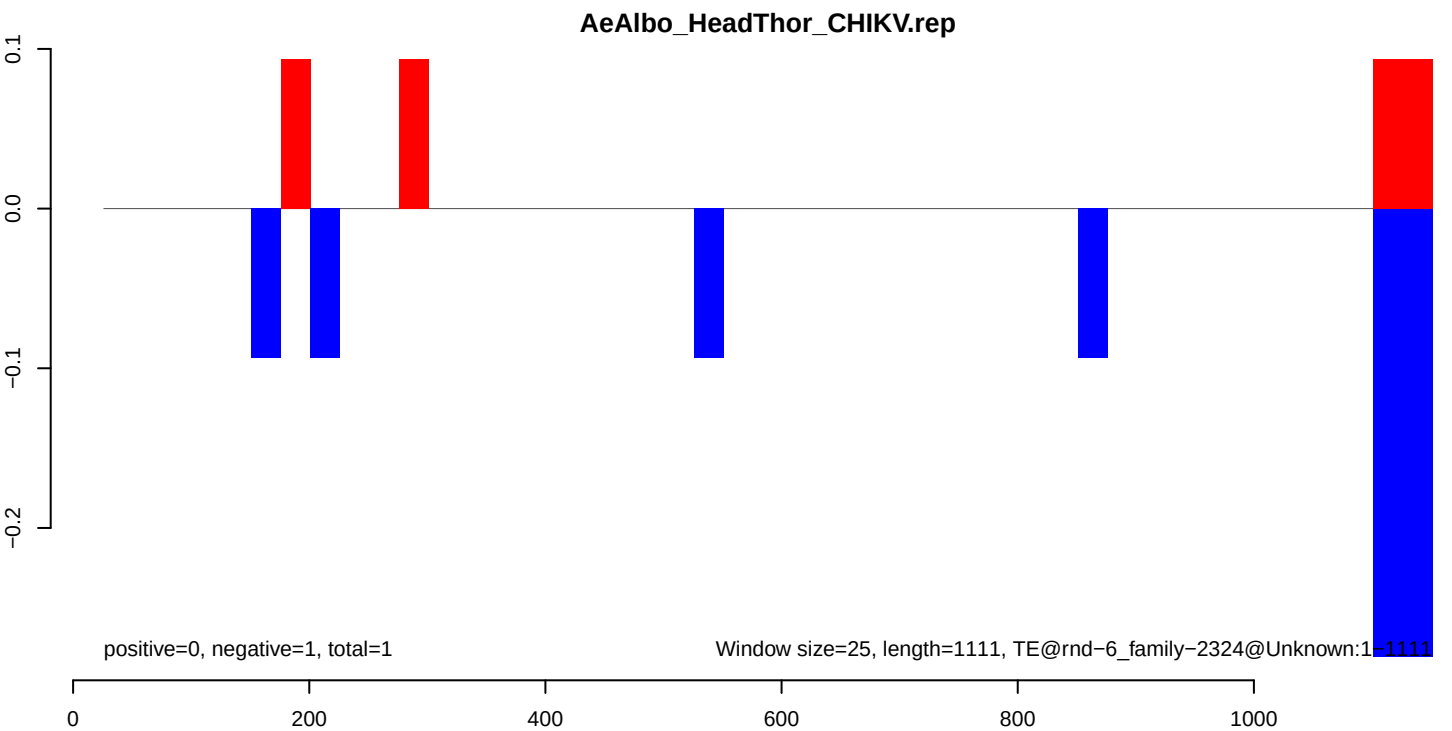

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

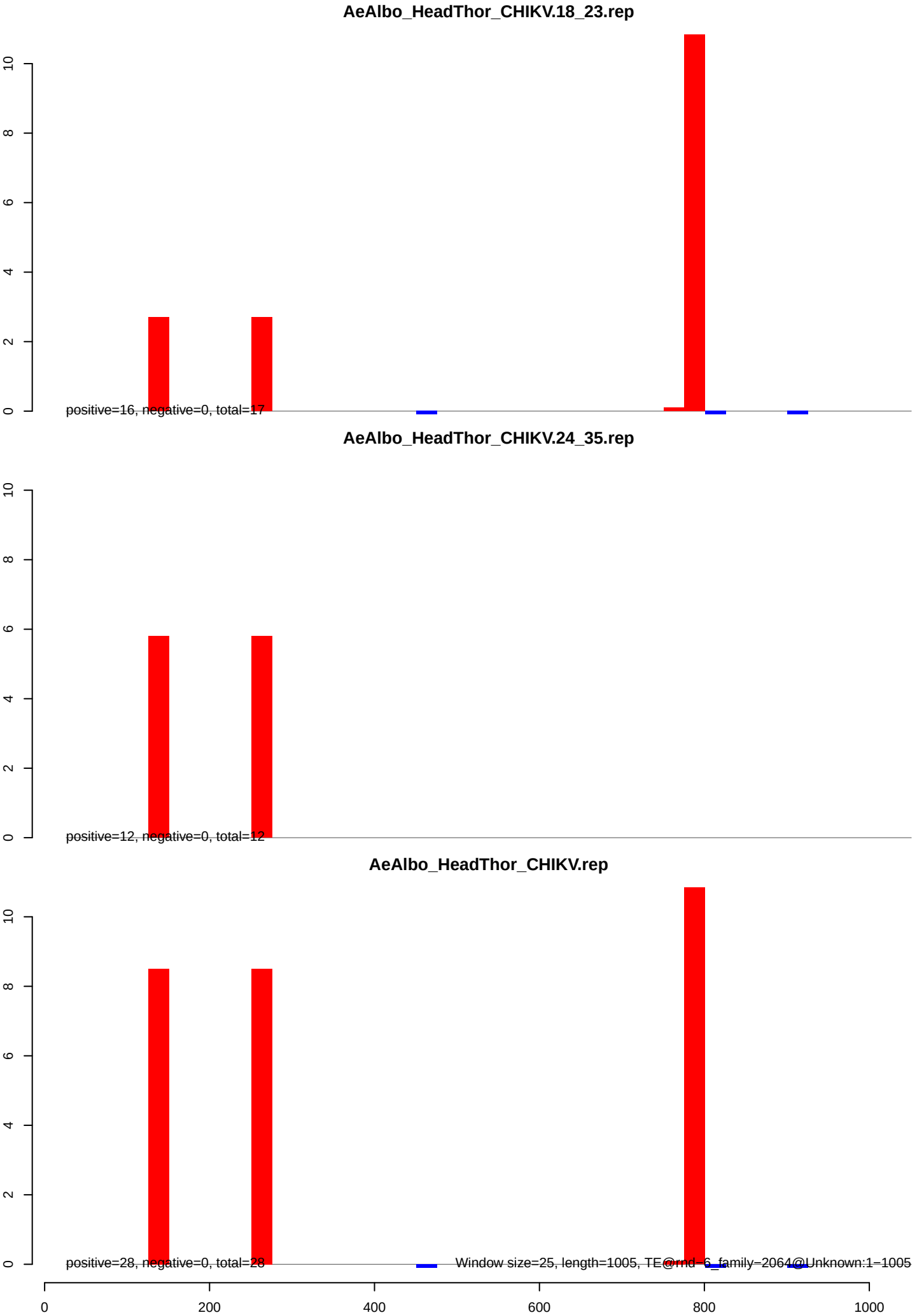

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=1, total=3
Window size=25, length=568, TE@rnd−6_family−3182@Unknown:1−568
100
200
300
400
500
600

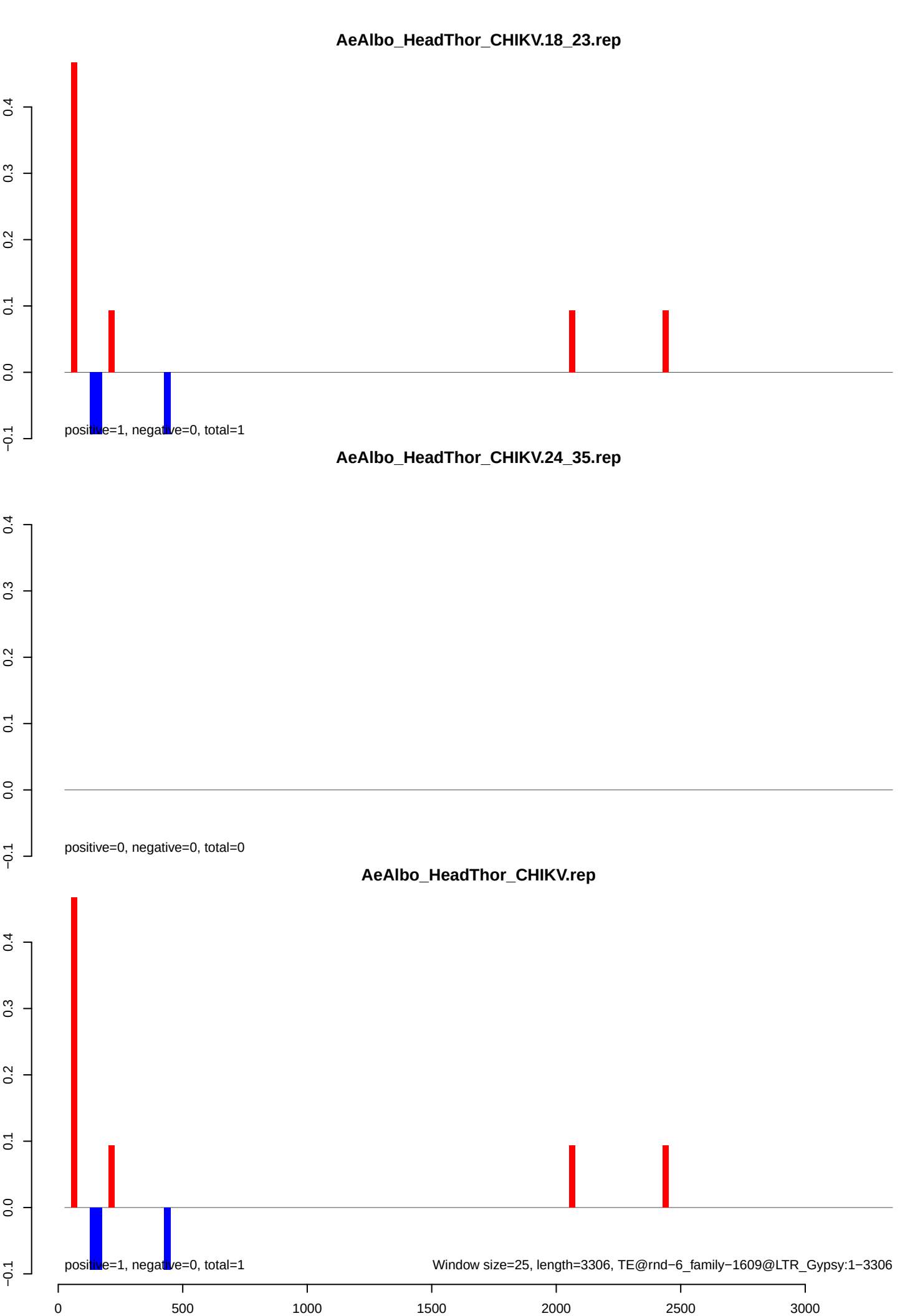

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=812, TE@rnd−6_family−2665@Unknown:1−812
0
200
400
600
800

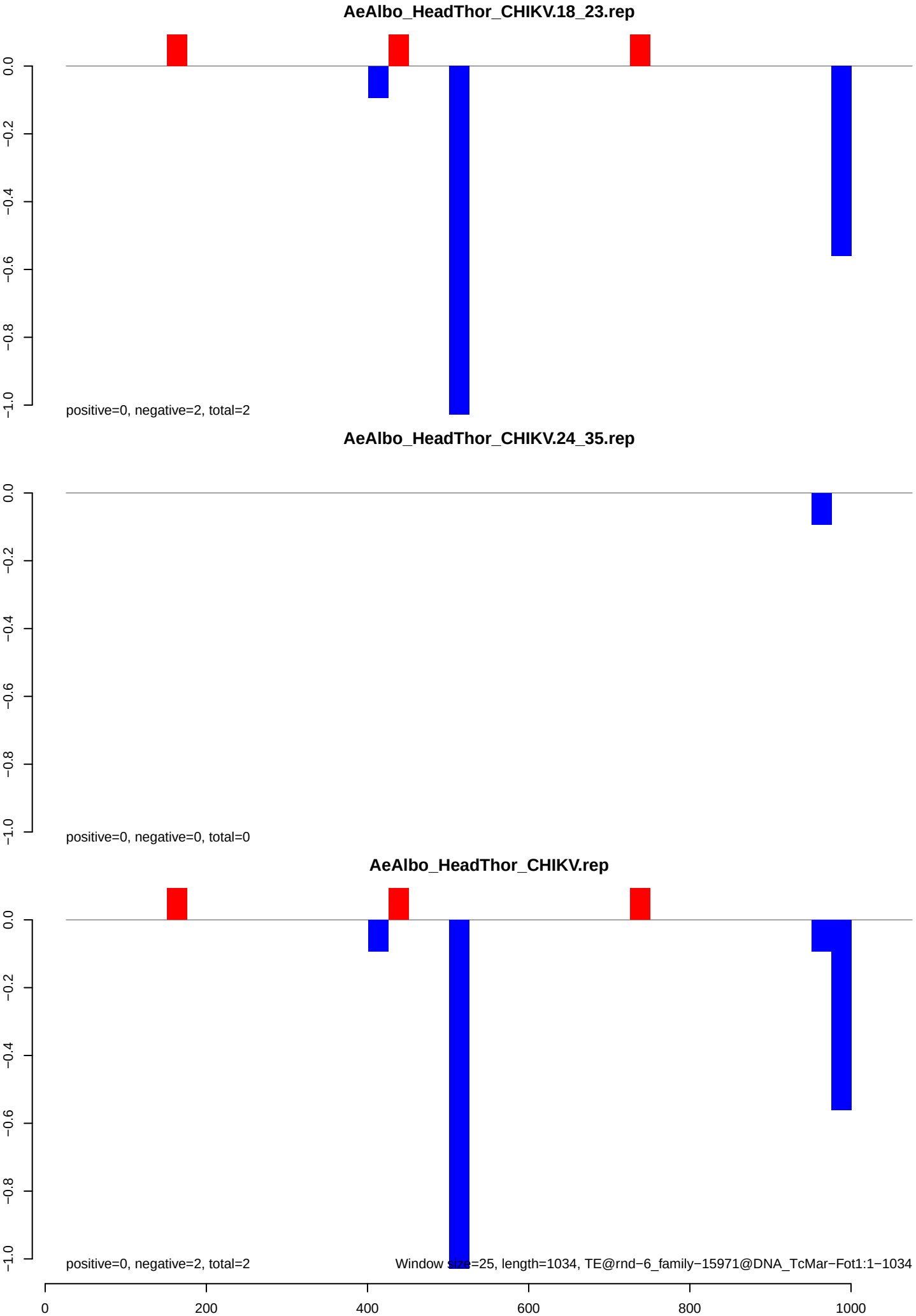

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

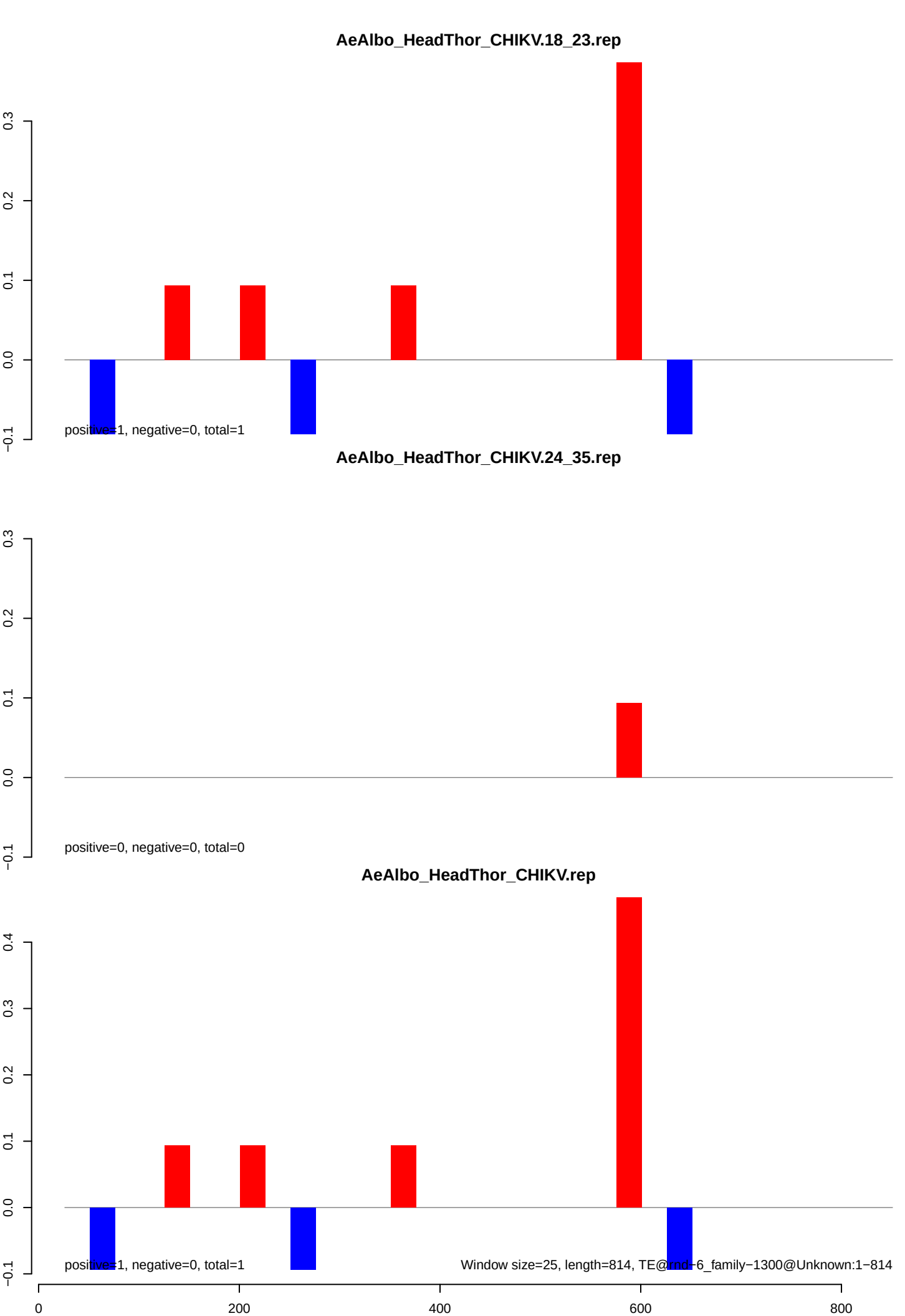

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

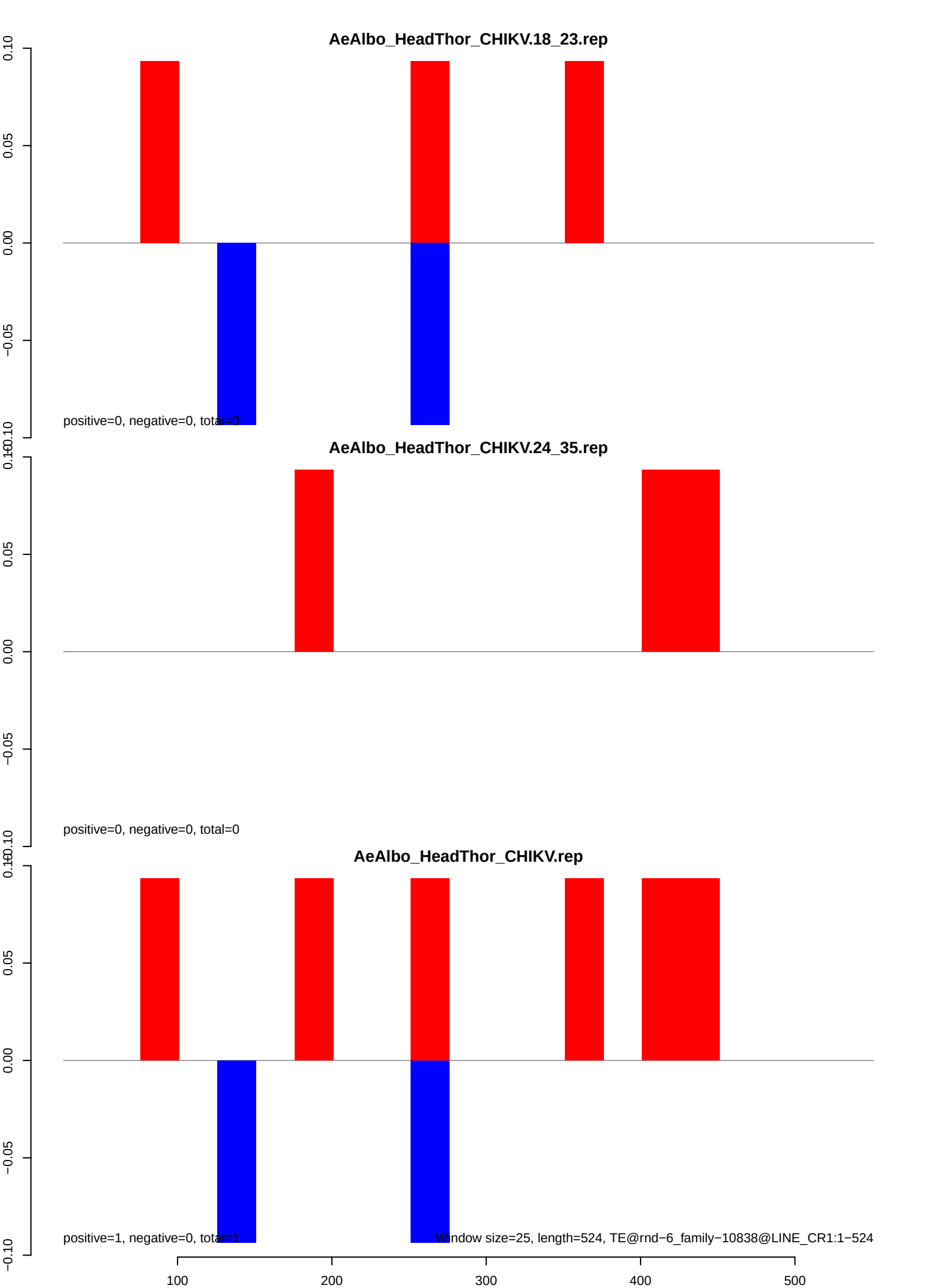

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=1111, TE@rnd−6_family−2324@Unknown:1−1111
0
200
400
600
800
1000

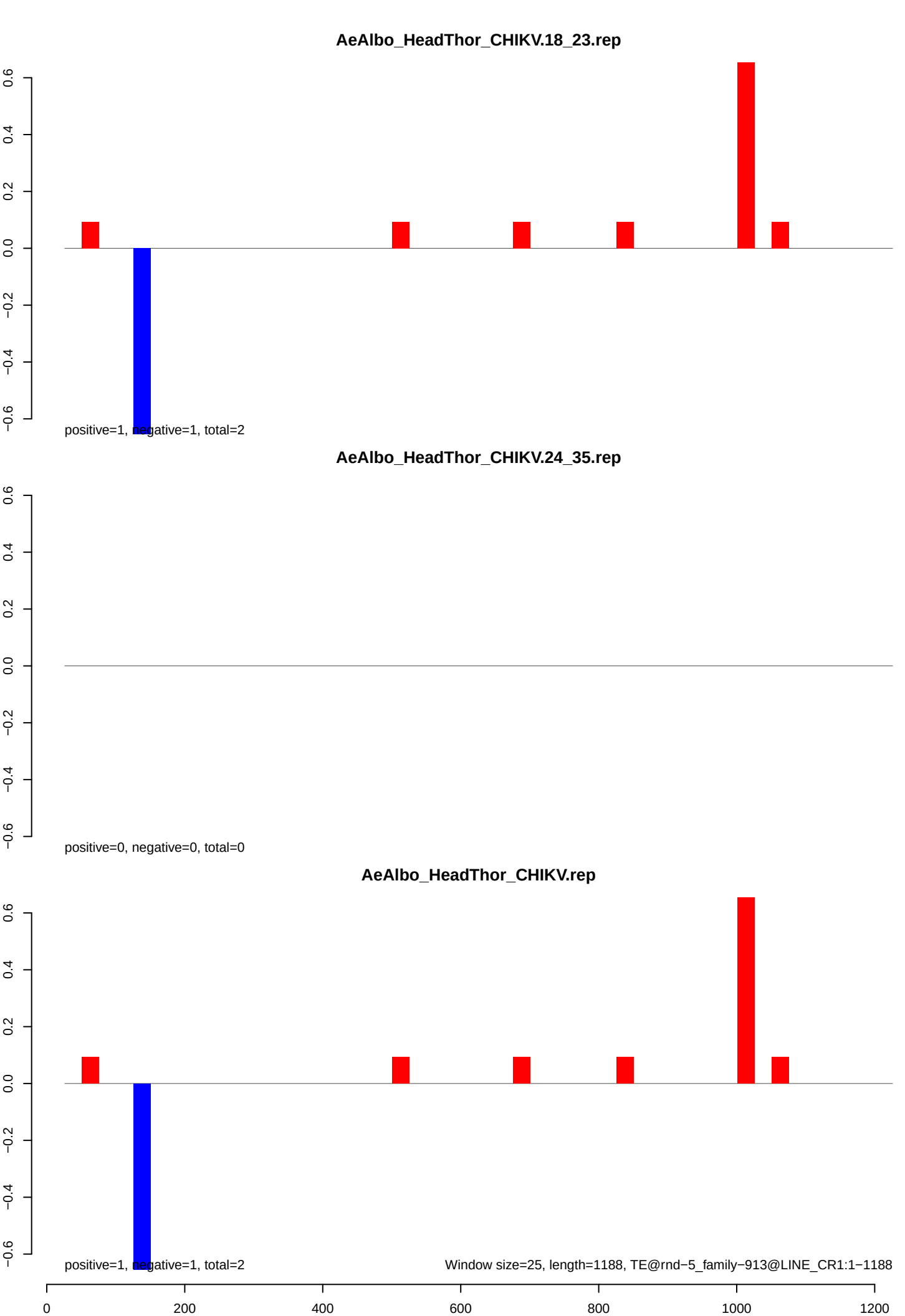

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=16, negative=0, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=12, negative=0, total=12
AeAlbo_HeadThor_CHIKV.rep
positive=28, negative=0, total=28
Window size=25, length=1005, TE@rnd-6_family-2064@Unknown:1-1005
0
2
4
6
8
10
0
200
400
600
800
1000

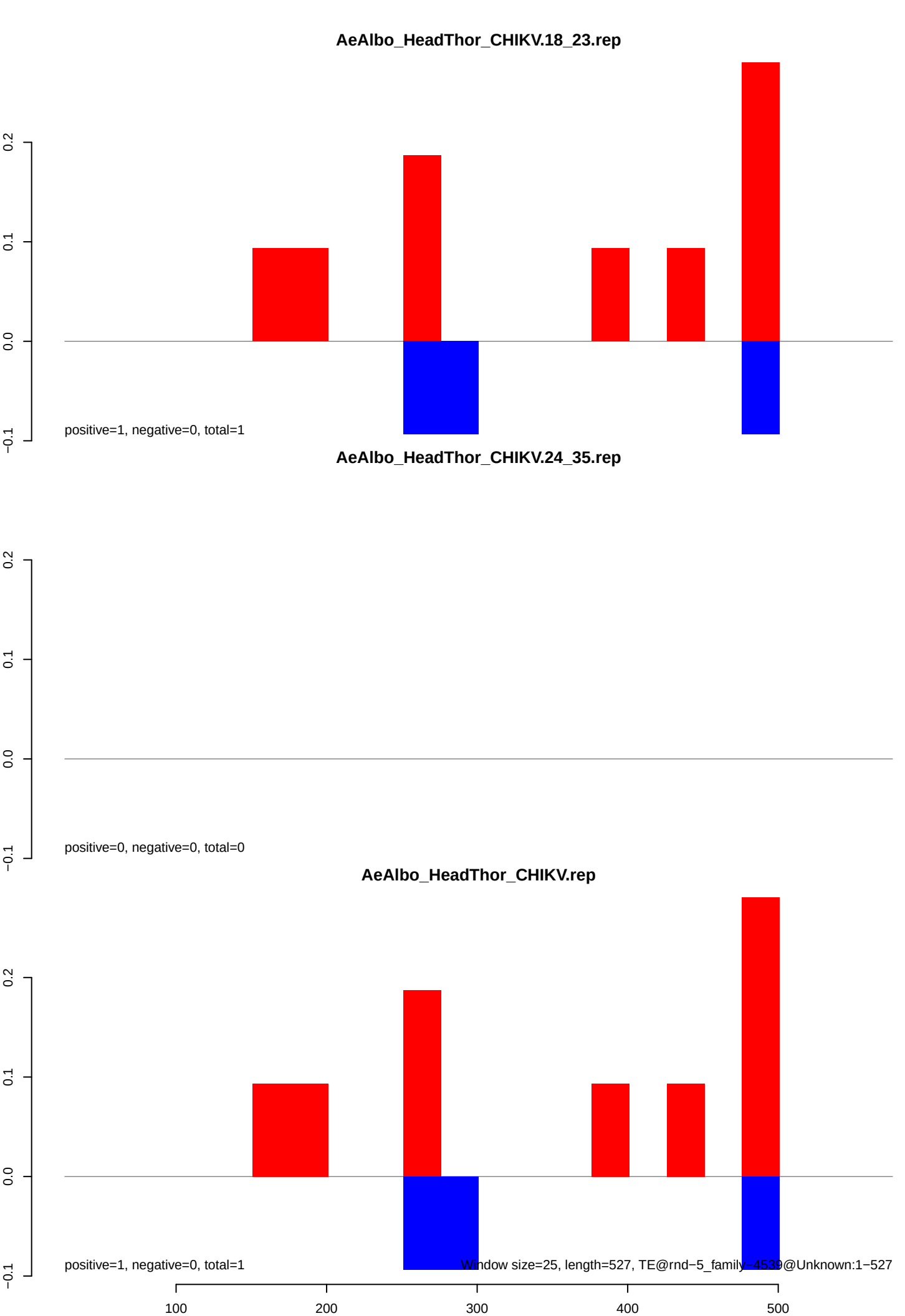

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=3306, TE@rnd−6_family−1609@LTR_Gypsy:1−3306
0
500
1000
1500
2000
2500
3000

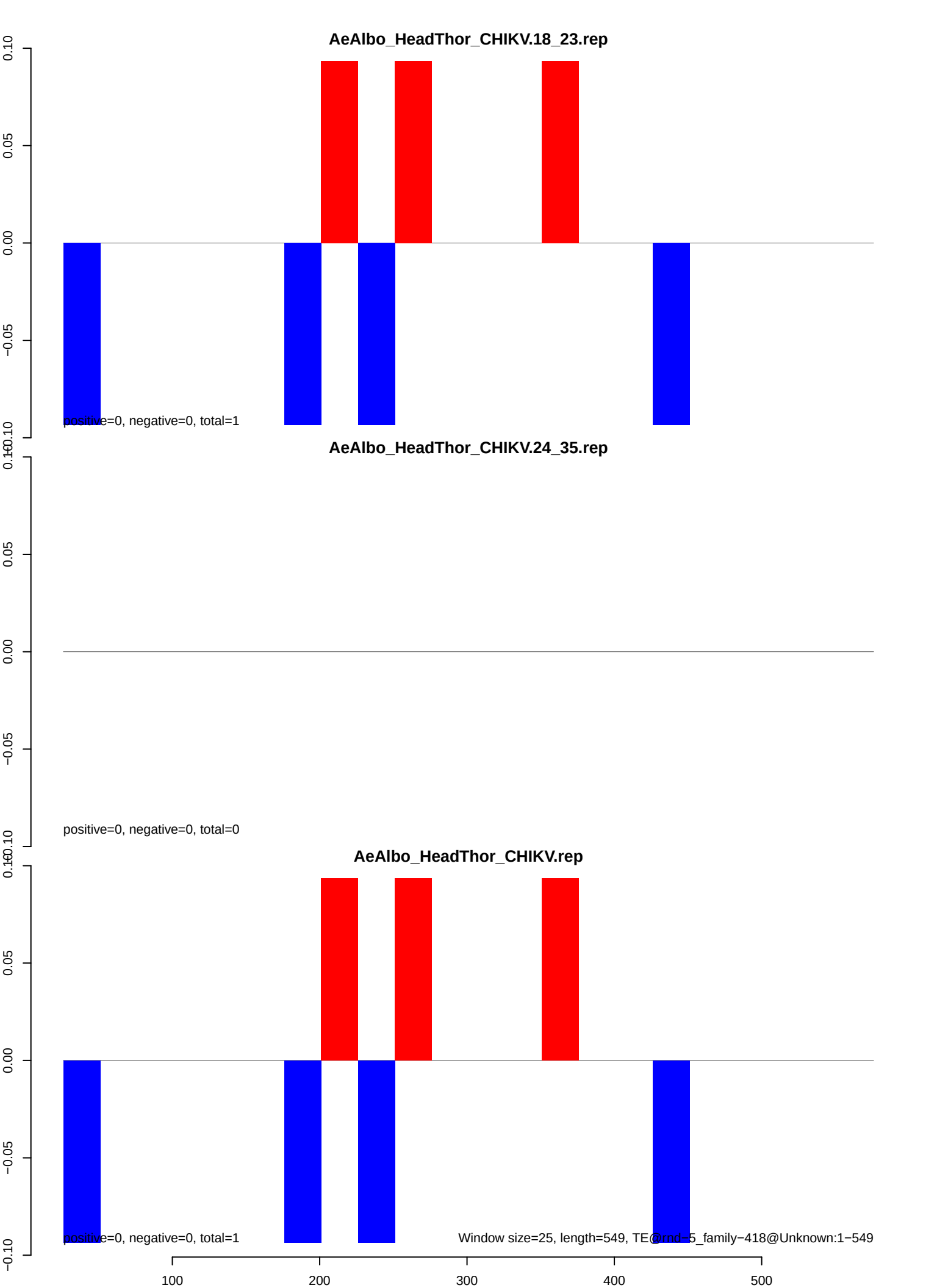

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=2, total=2
Window size=25, length=1034, TE@rnd−6_family−15971@DNA_TcMar−Fot1:1−1034
0
200
400
600
800
1000

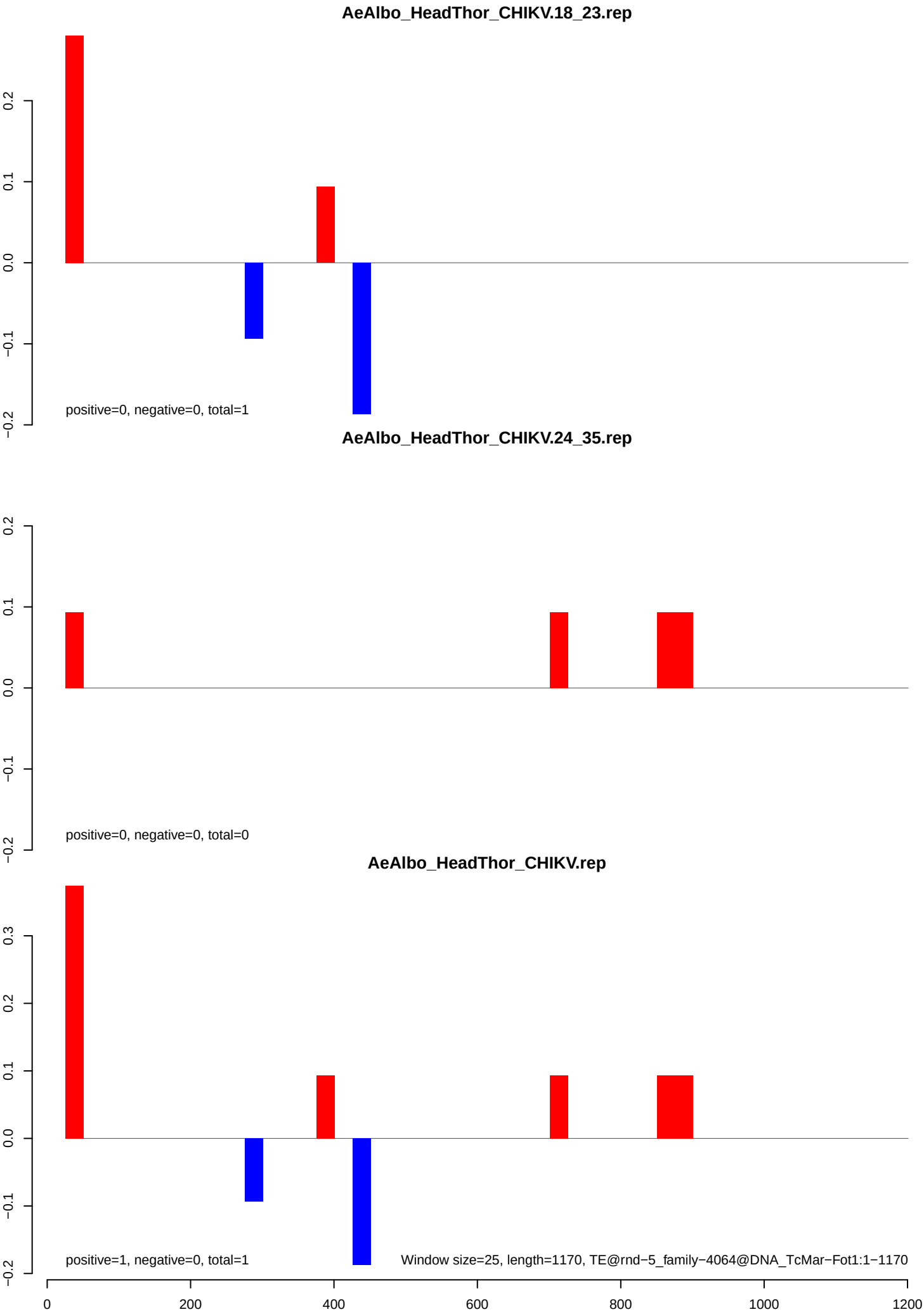

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=814, TE@rnd−6_family−1300@Unknown:1−814
0
200
400
600
800

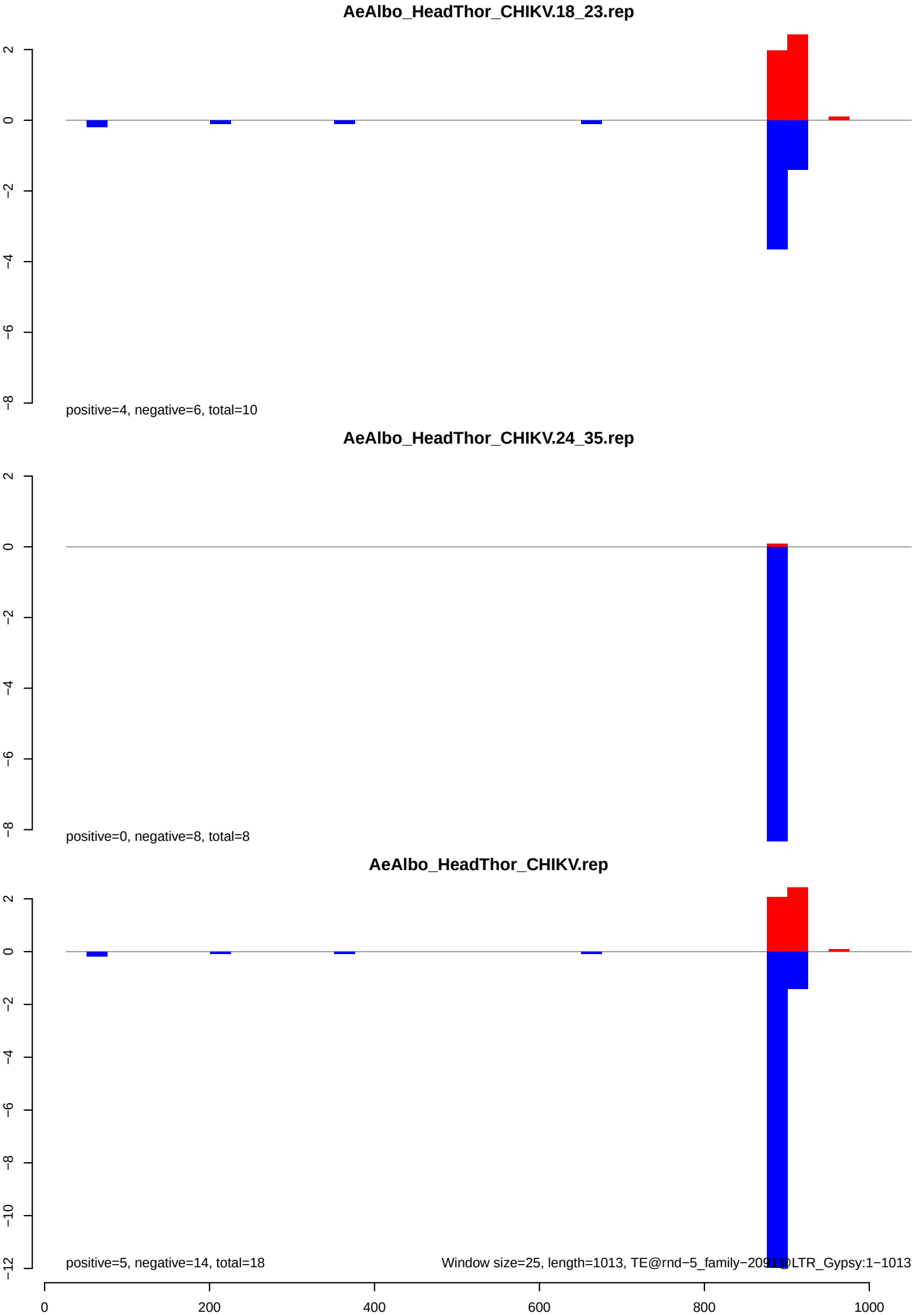

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=524, TE@rnd−6_family−10838@LINE_CR1:1−524
0.10
0.05
0.00
−0.05
−0.10
100
200
300
400
500

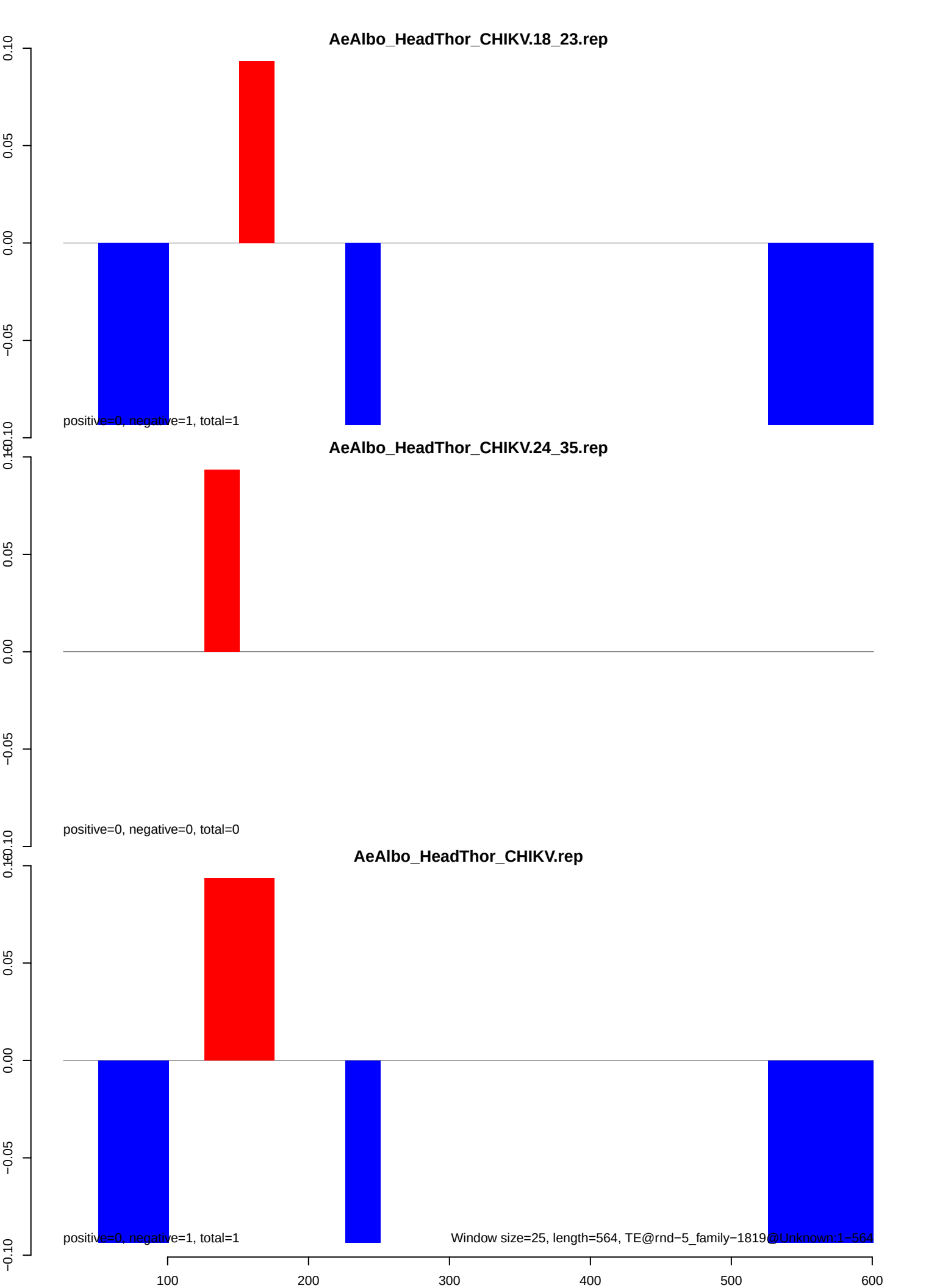

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=2
Window size=25, length=1188, TE@rnd−5_family−913@LINE_CR1:1−1188
0
200
400
600
800
1000
1200

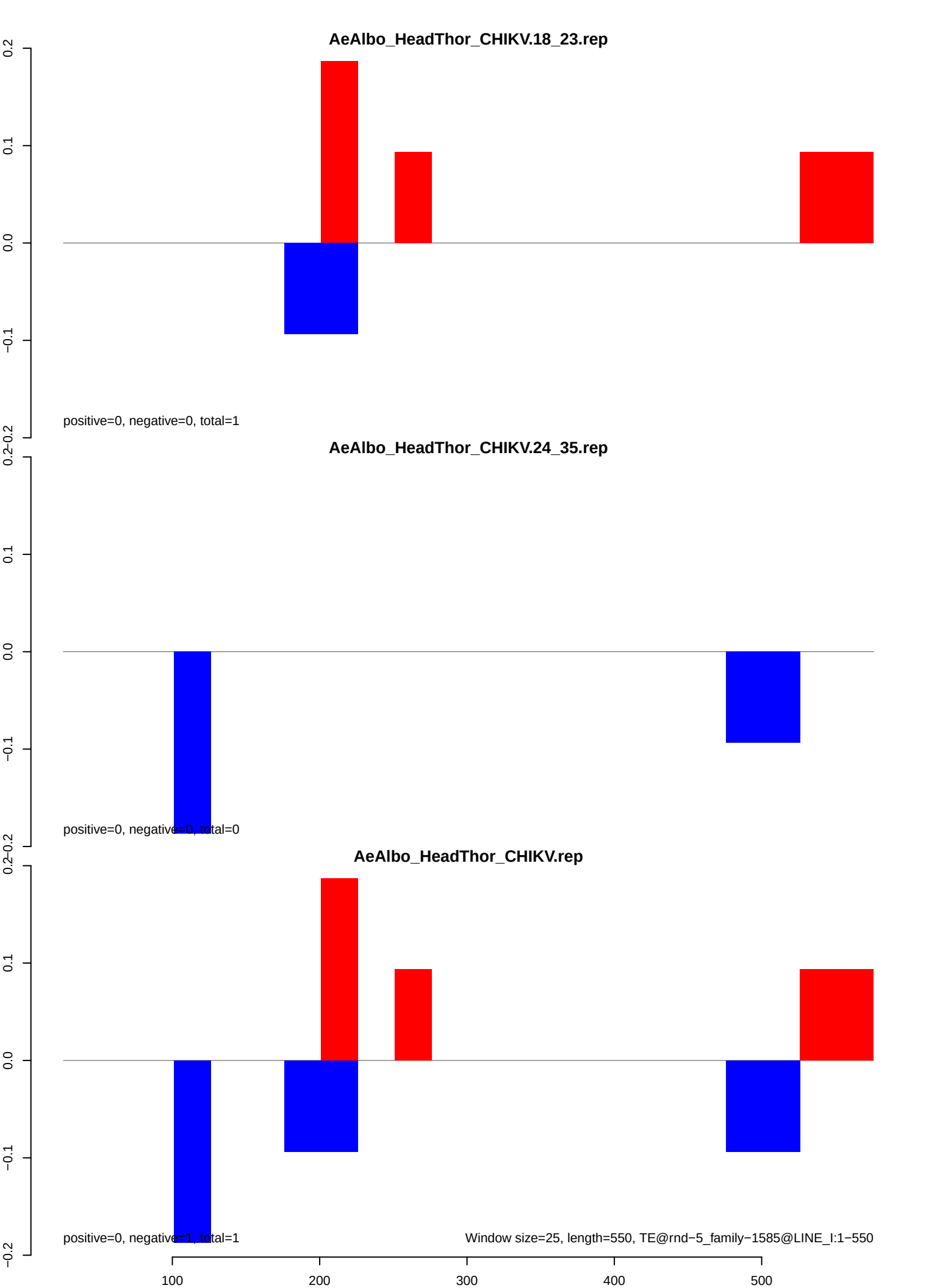

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=527, TE@rnd−5_family−4539@Unknown:1−527
100
200
300
400
500

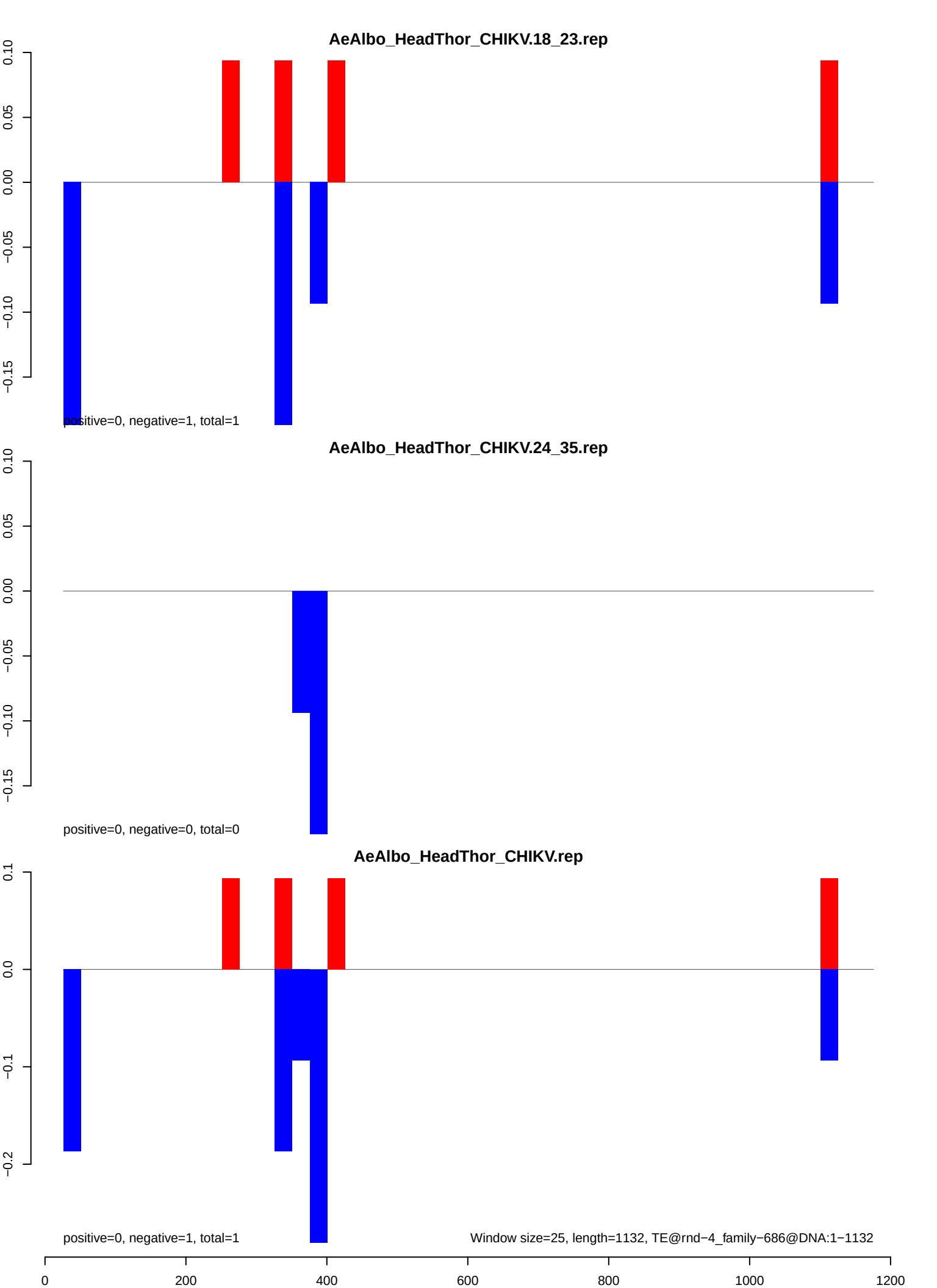

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=549, TE@rnd−5_family−418@Unknown:1−549
100
200
300
400
500

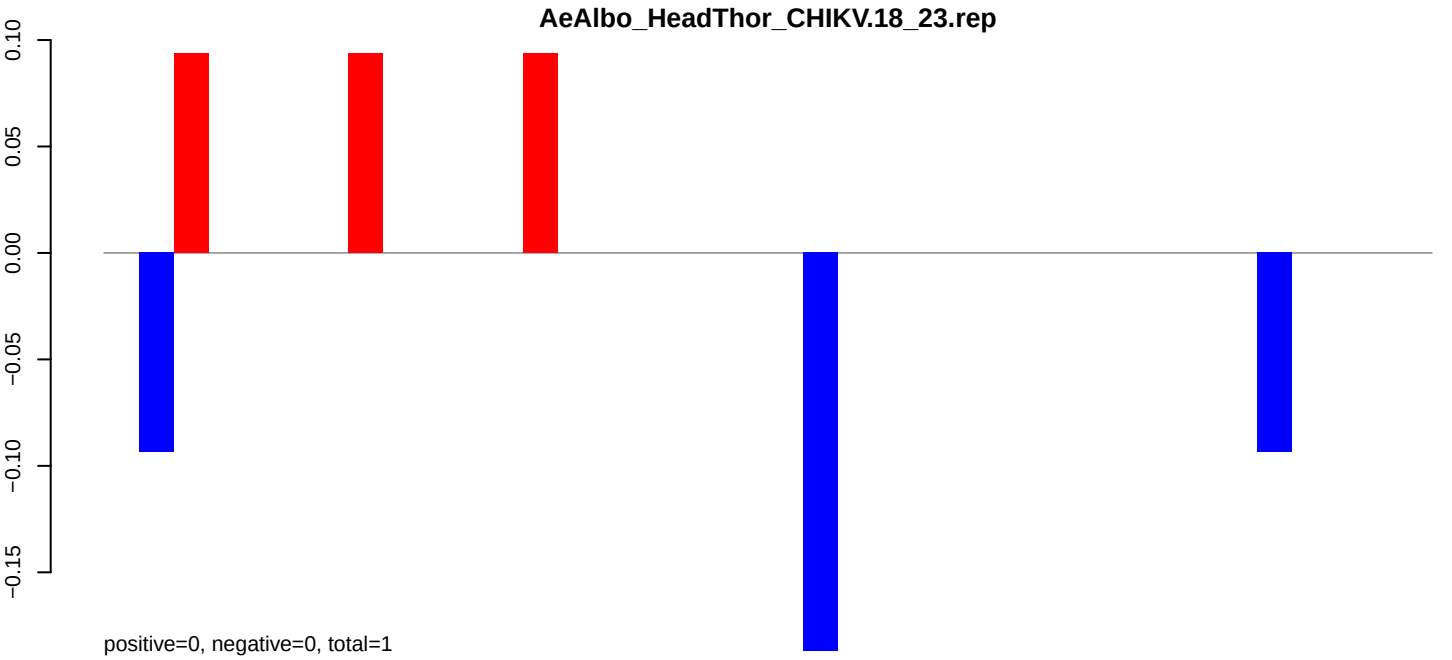

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1170, TE@rnd−5_family−4064@DNA_TcMar−Fot1:1−1170
0
200
400
600
800
1000
1200

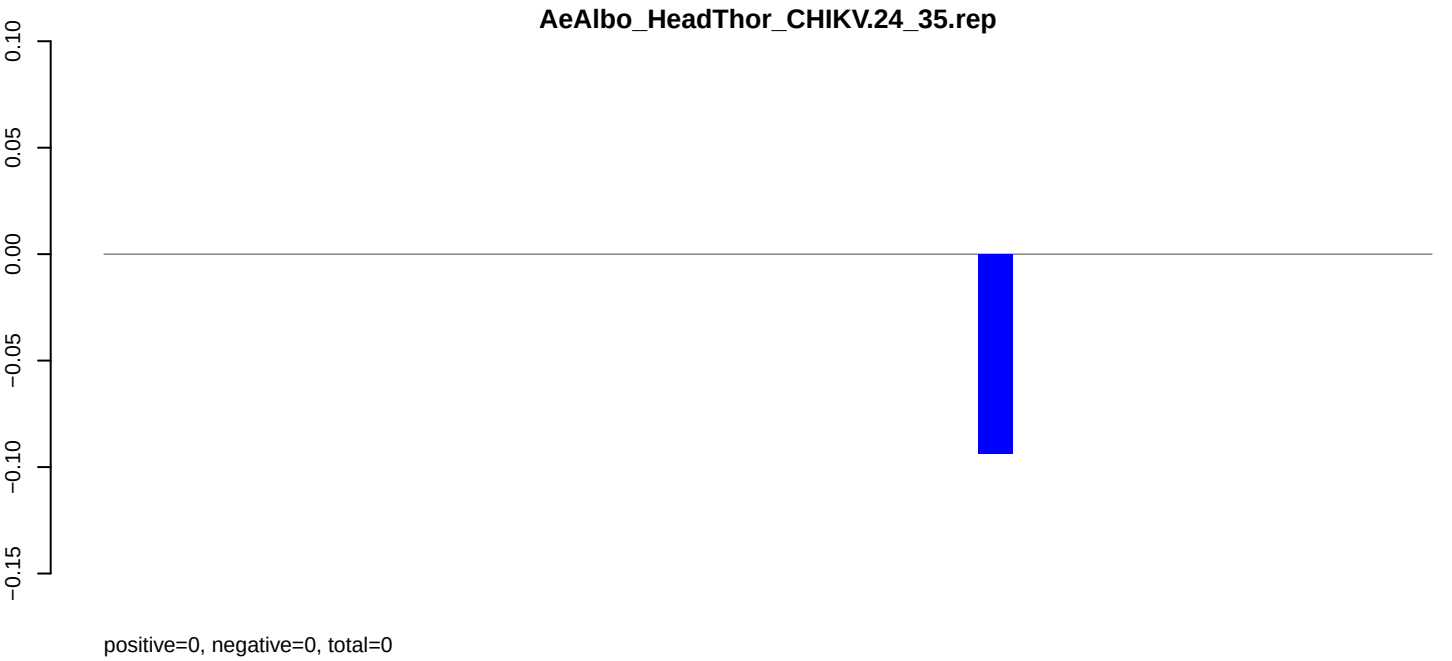

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=4, negative=6, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=8, total=8
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=14, total=18
Window size=25, length=1013, TE@rnd−5_family−2091@LTR_Gypsy:1−1013
2
0
−2
−4
−6
−8
−10
−12
0
200
400
600
800
1000

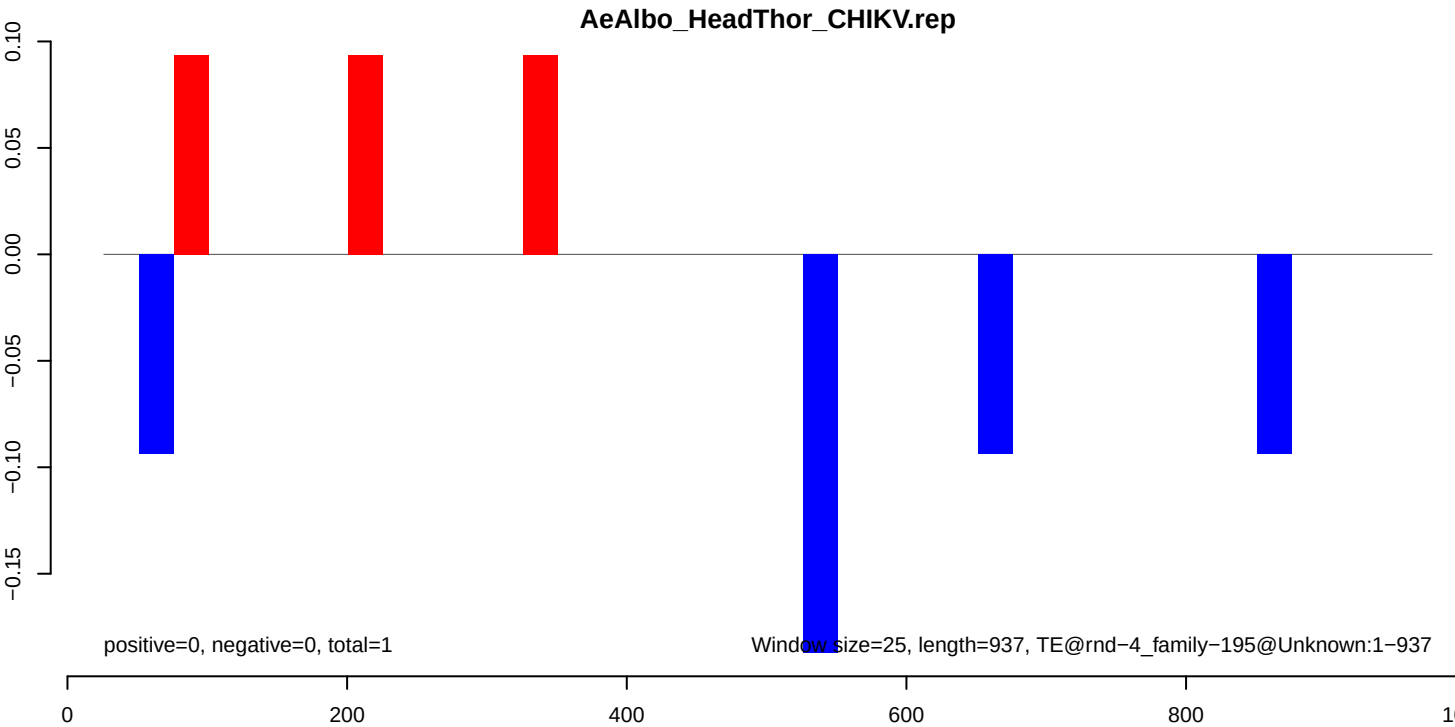

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=1, total=1
Window size=25, length=564, TE@rnd−5_family−1819@Unknown:1−564
100
200
300
400
500
600

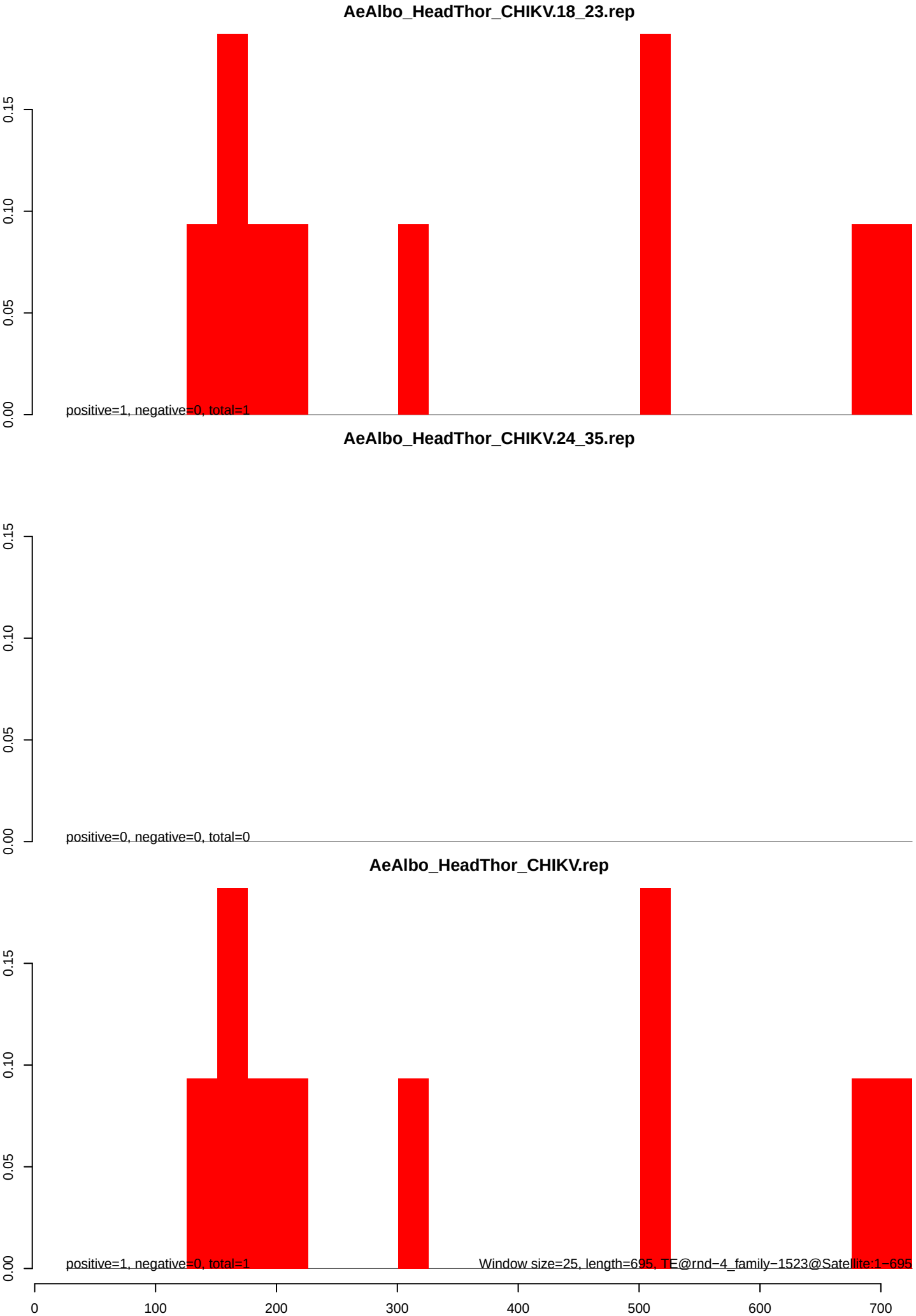

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=550, TE@rnd−5_family−1585@LINE_I:1−550
100
200
300
400
500

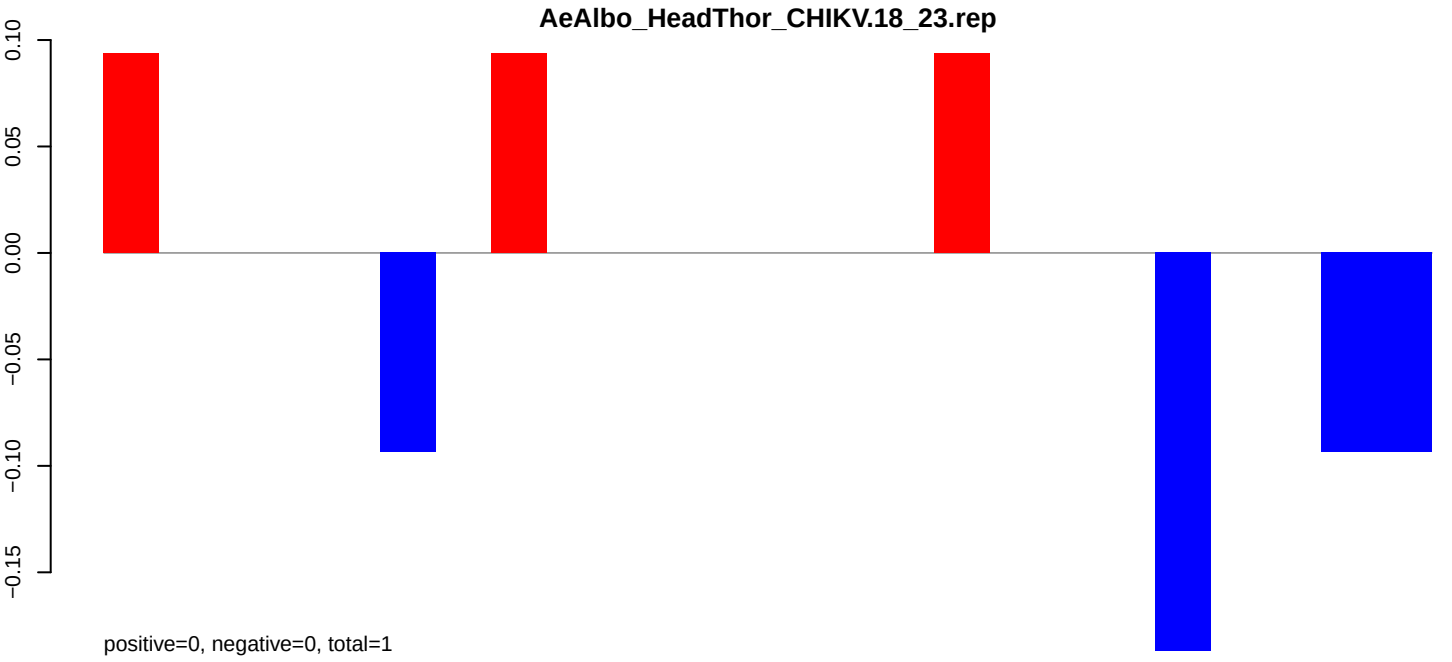

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=1132, TE@rnd−4_family−686@DNA:1−1132
0
200
400
600
800
1000
1200

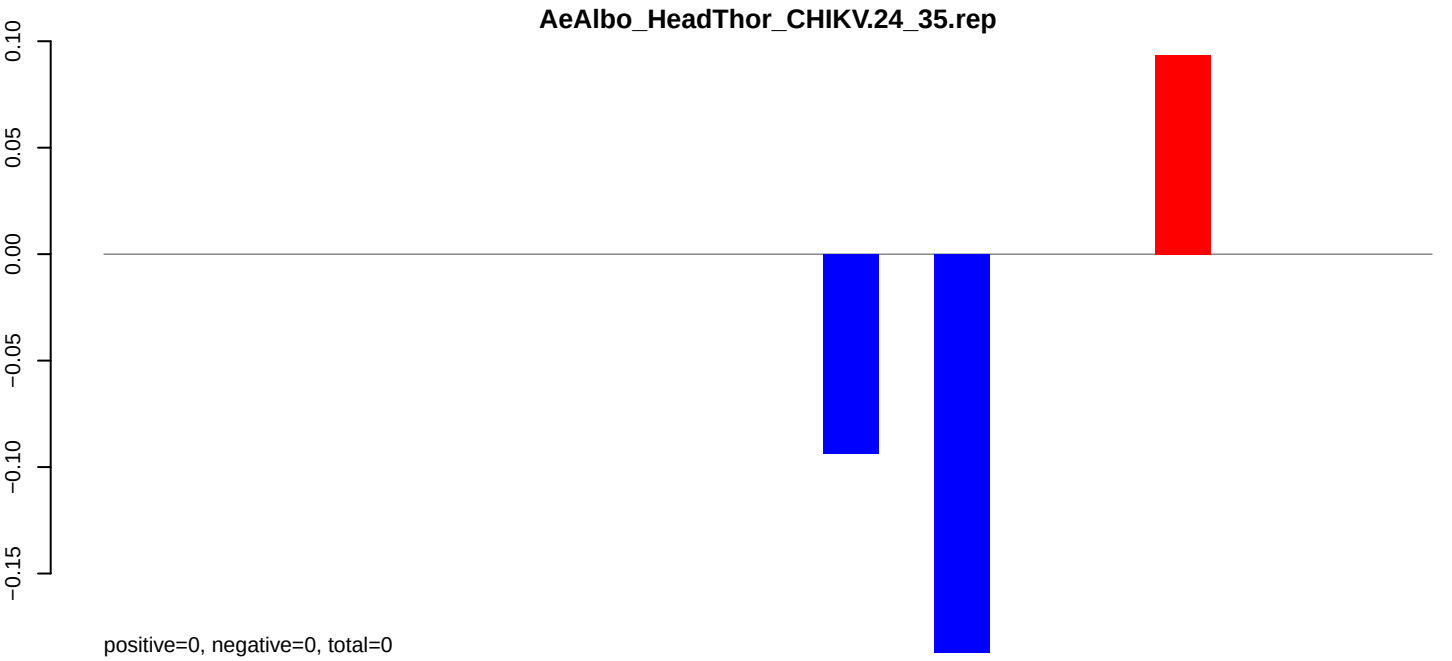

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

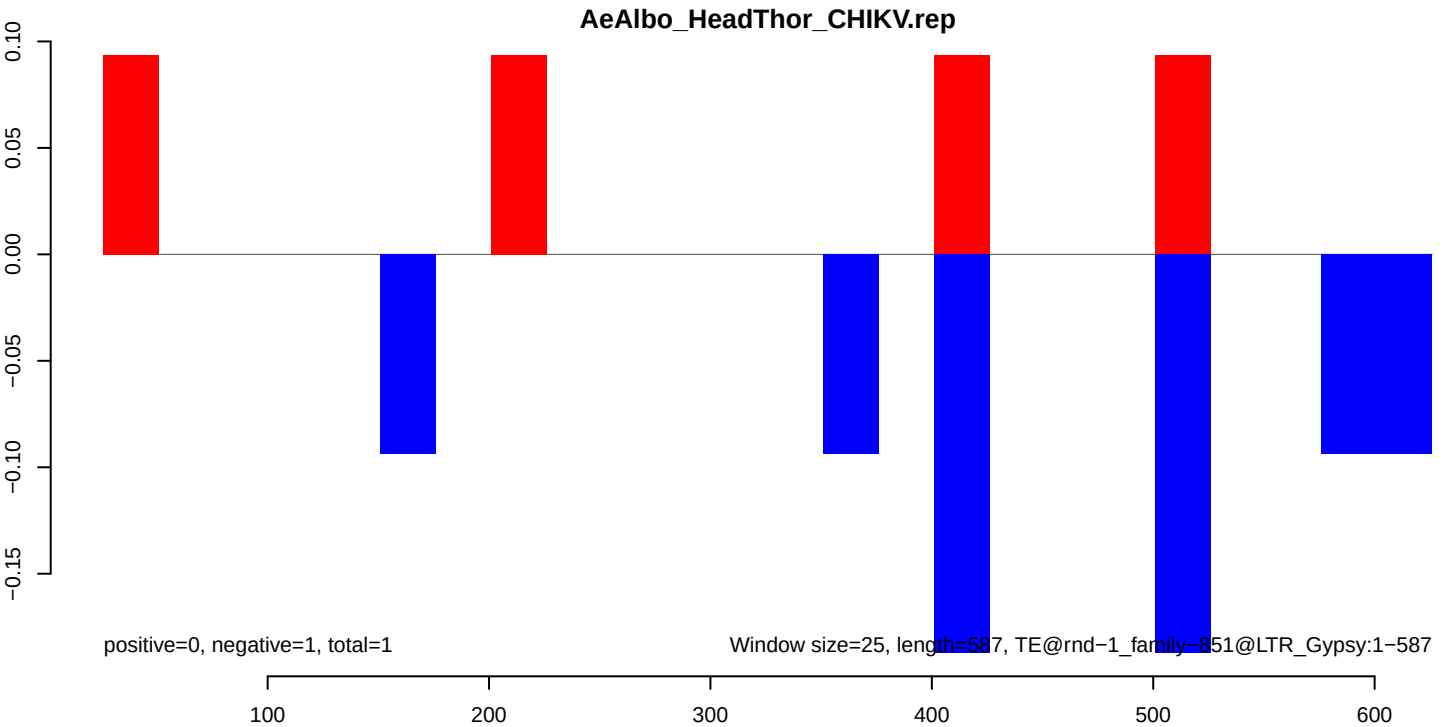

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

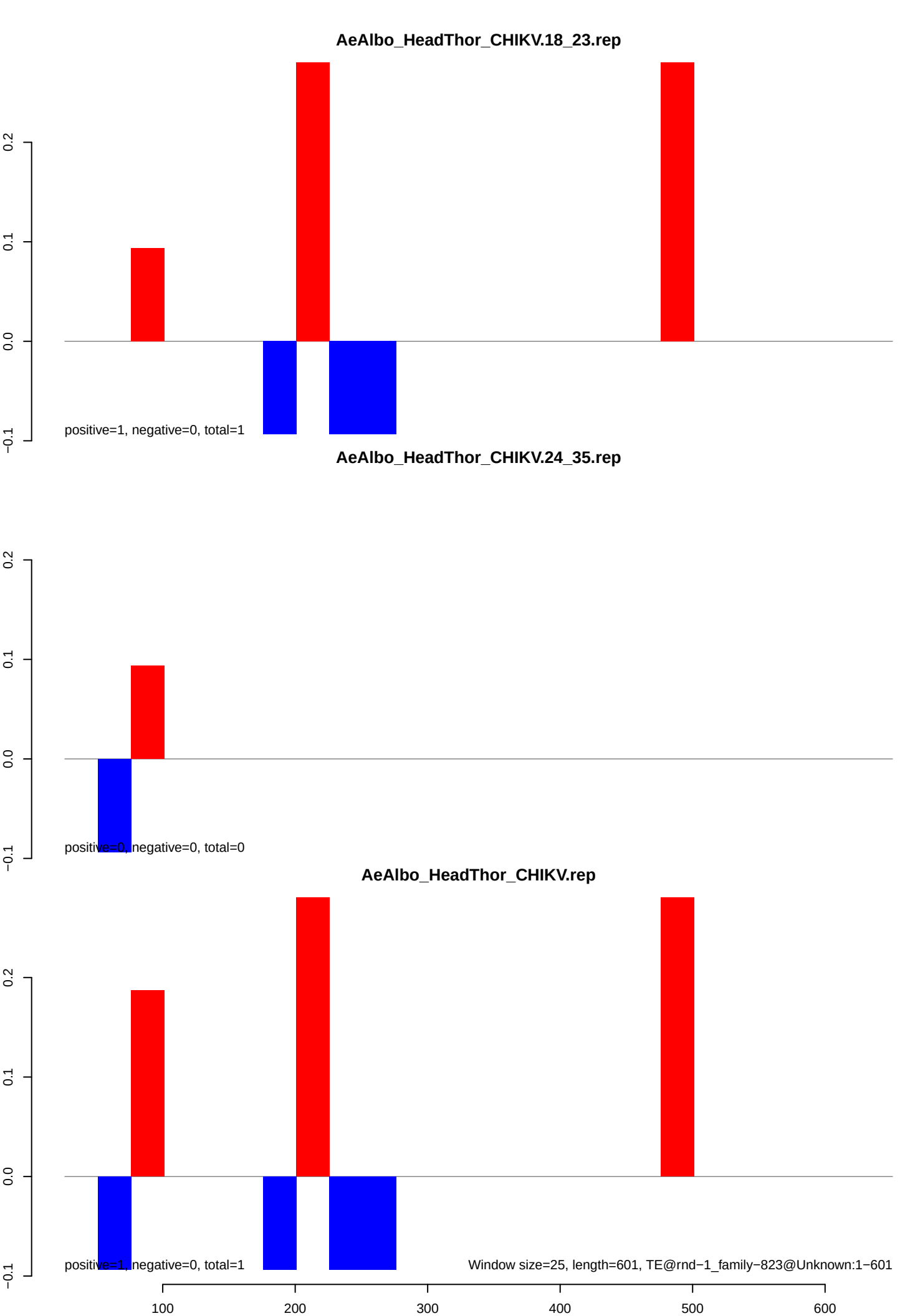

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=937, TE@rnd−4_family−195@Unknown:1−937
0
200
400
600
800
1000

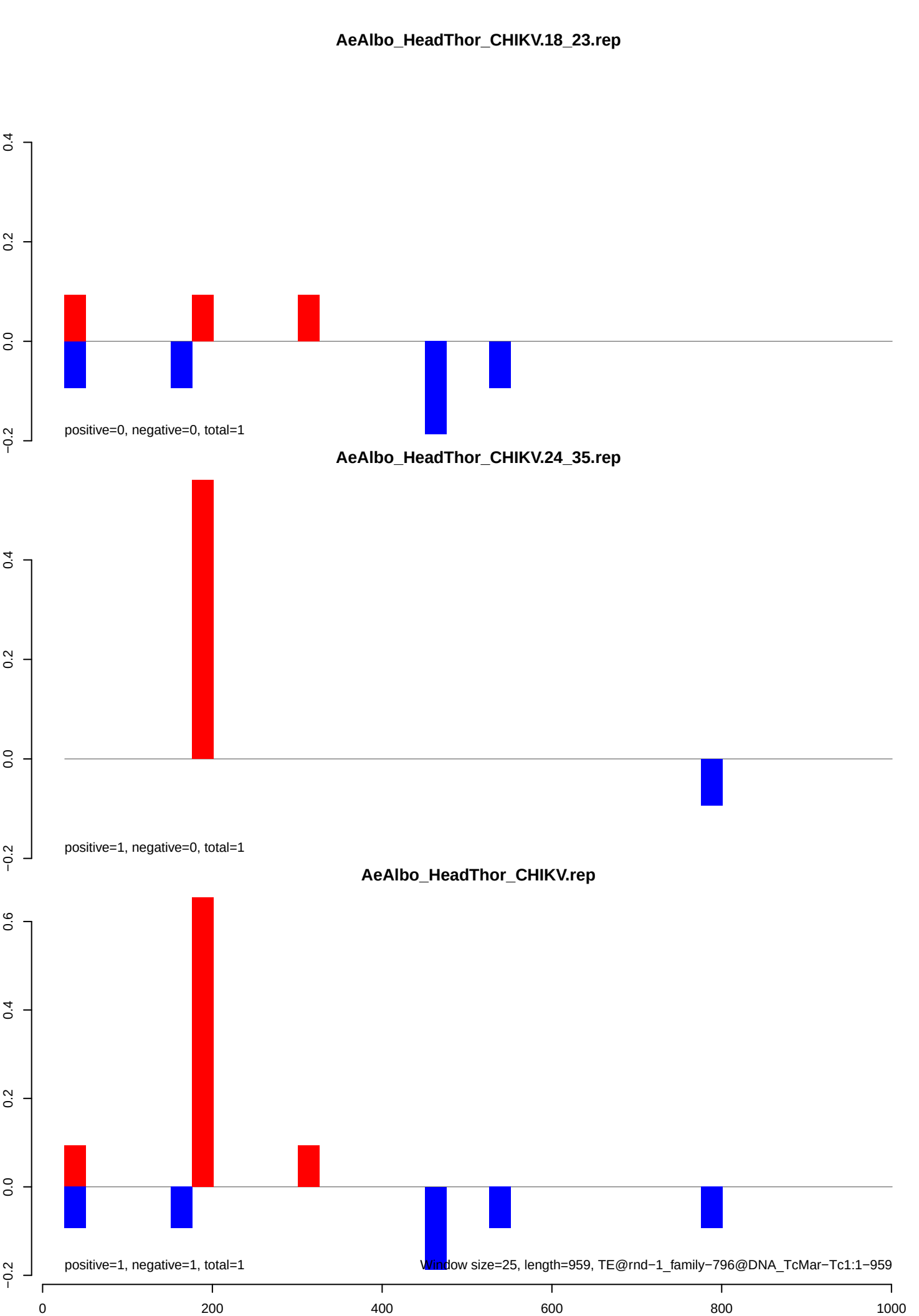

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=1, negative=0, total=1
Window size=25, length=695, TE@rnd−4_family−1523@Satellite:1−695
0
100
200
300
400
500
600
700

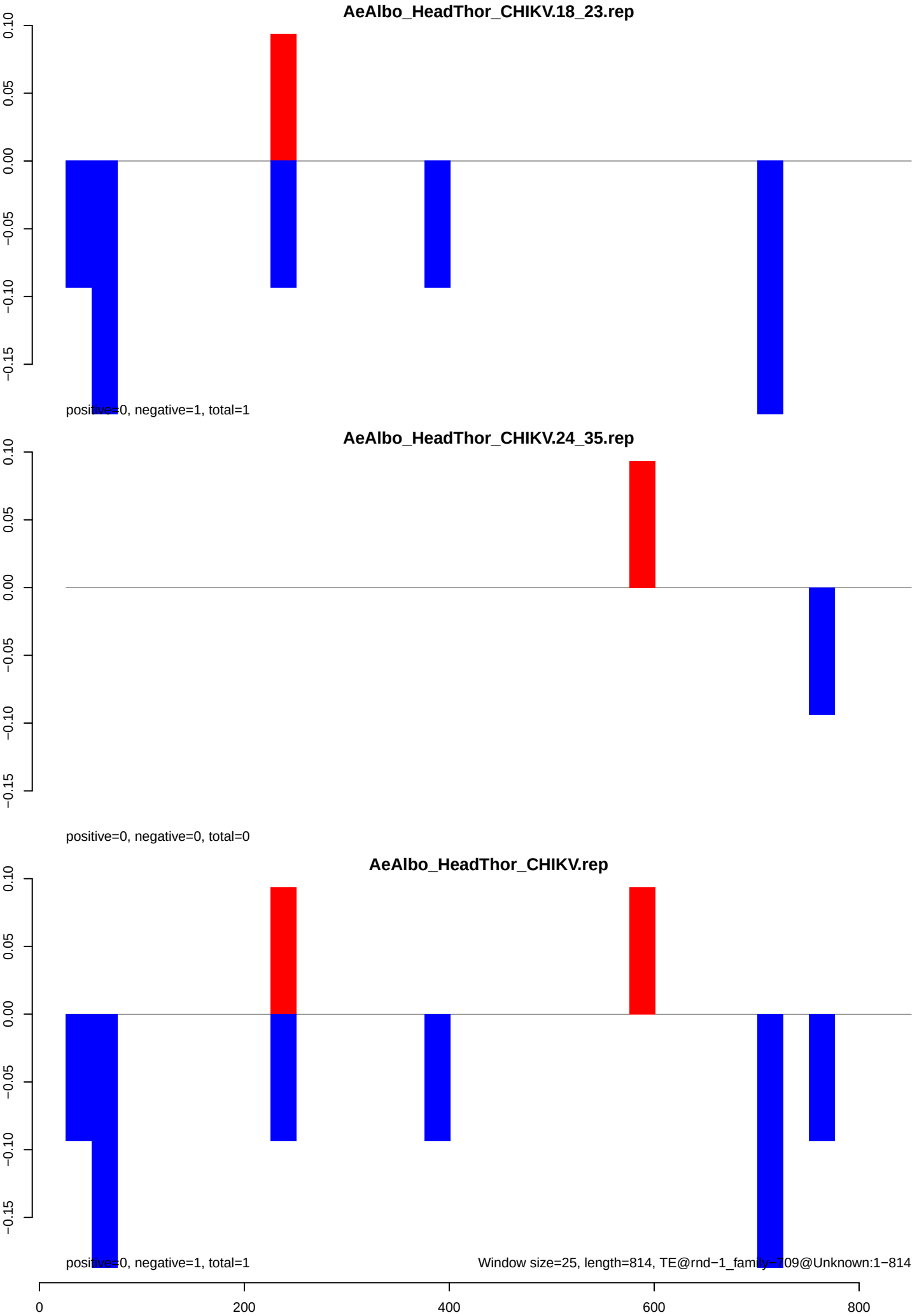

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

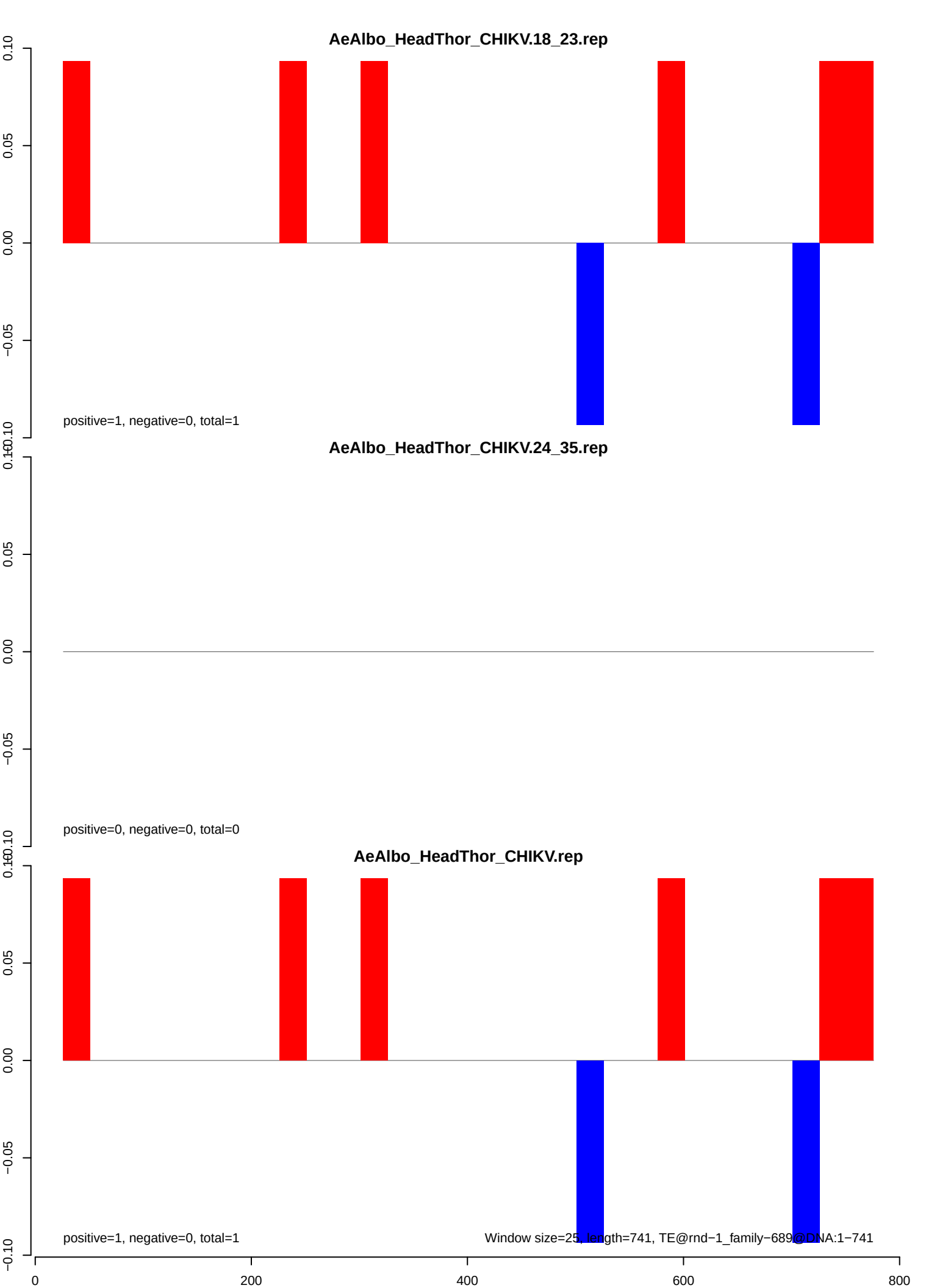

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

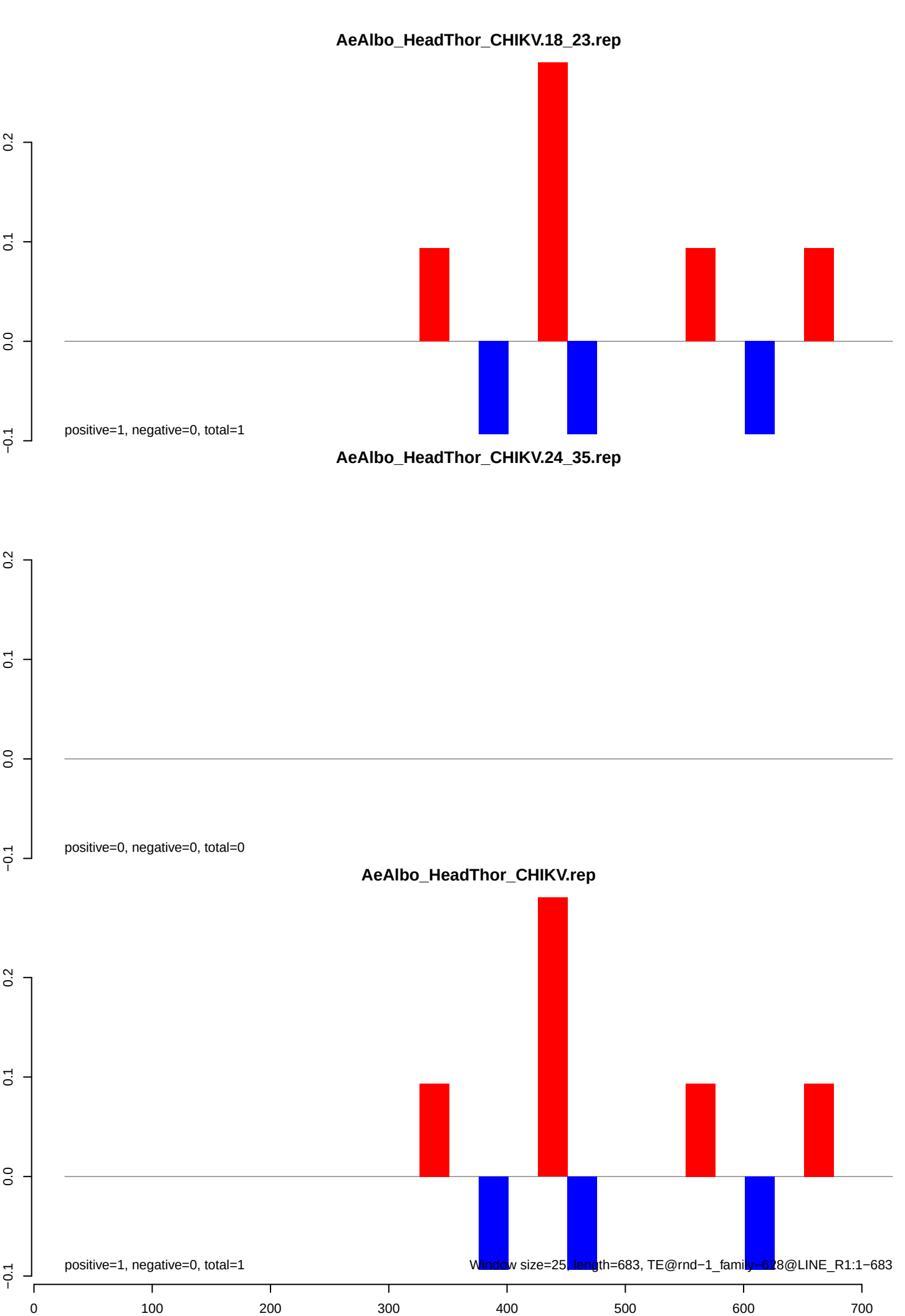

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=587, TE@rnd−1_family−851@LTR_Gypsy:1−587
100
200
300
400
500
600

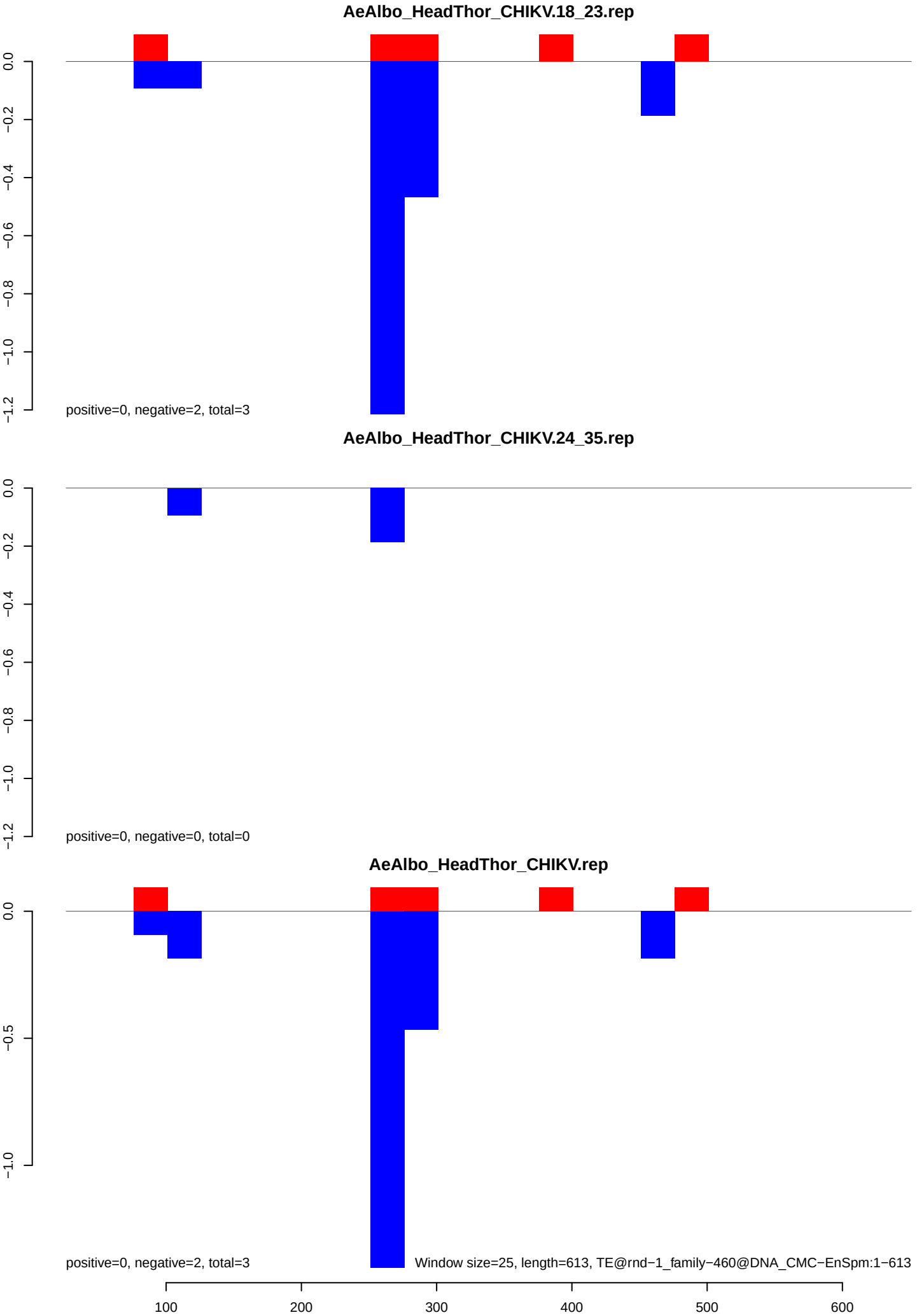

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=601, TE@rnd−1_family−823@Unknown:1−601
100
200
300
400
500
600

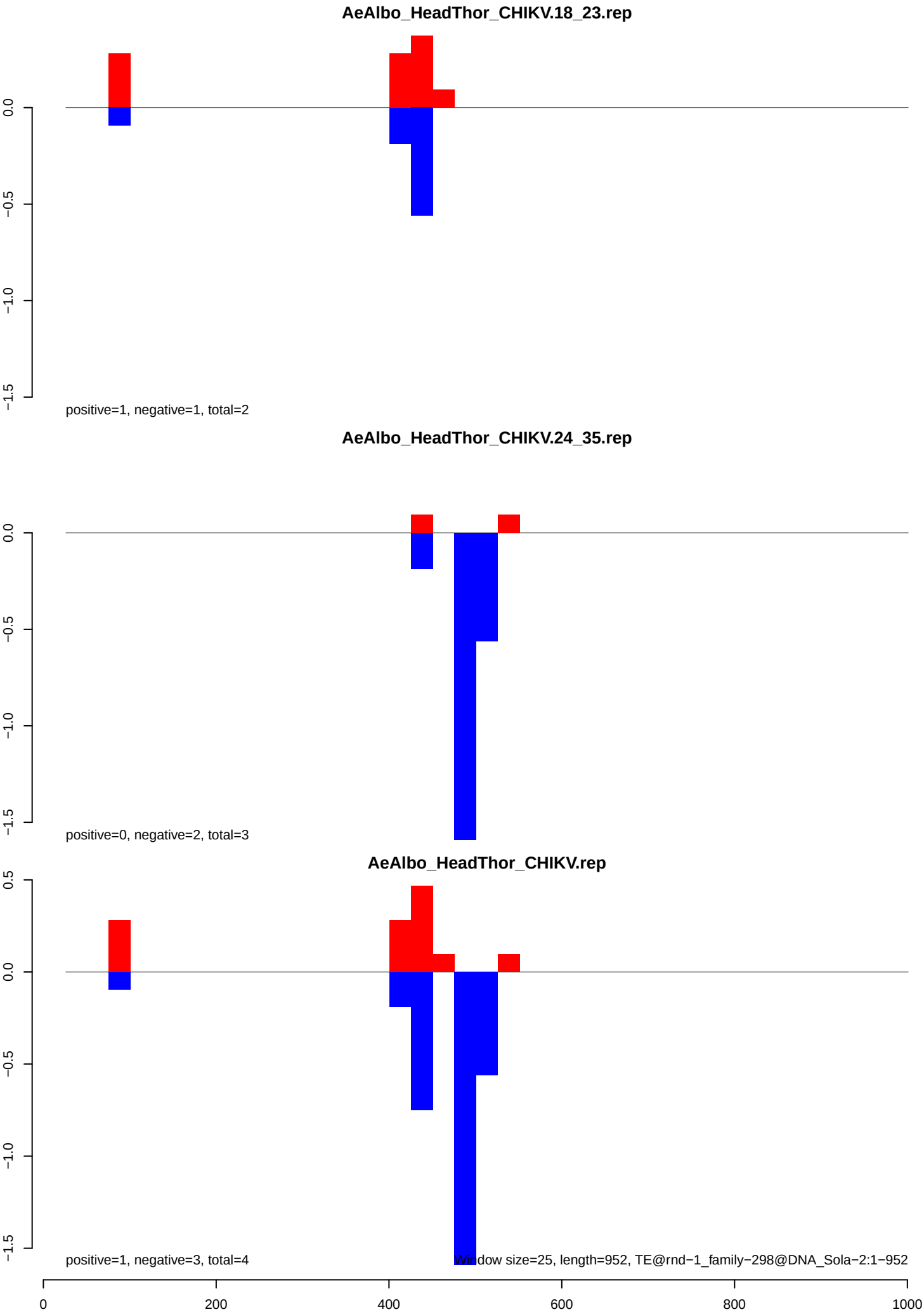

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=1, total=1
Window size=25, length=959, TE@rnd−1_family−796@DNA_TcMar−Tc1:1−959
0
200
400
600
800
1000

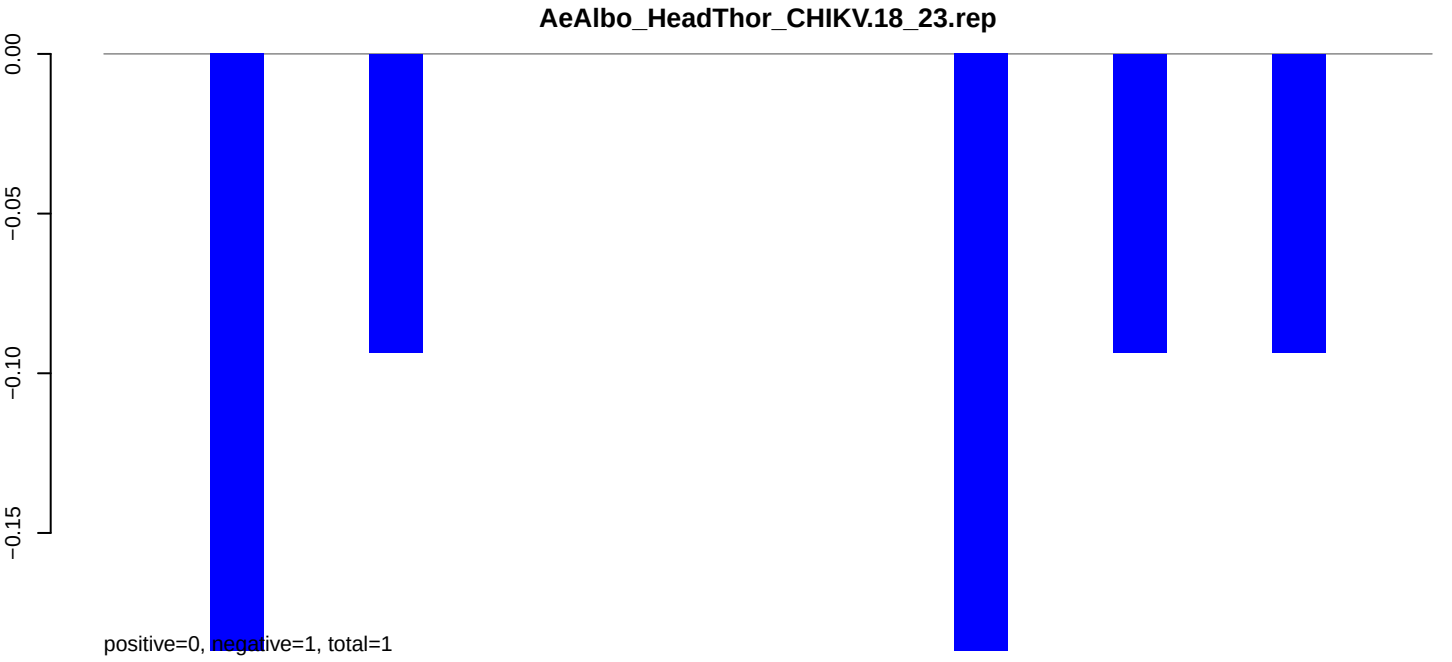

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=814, TE@rnd−1_family−709@Unknown:1−814
0
200
400
600
800

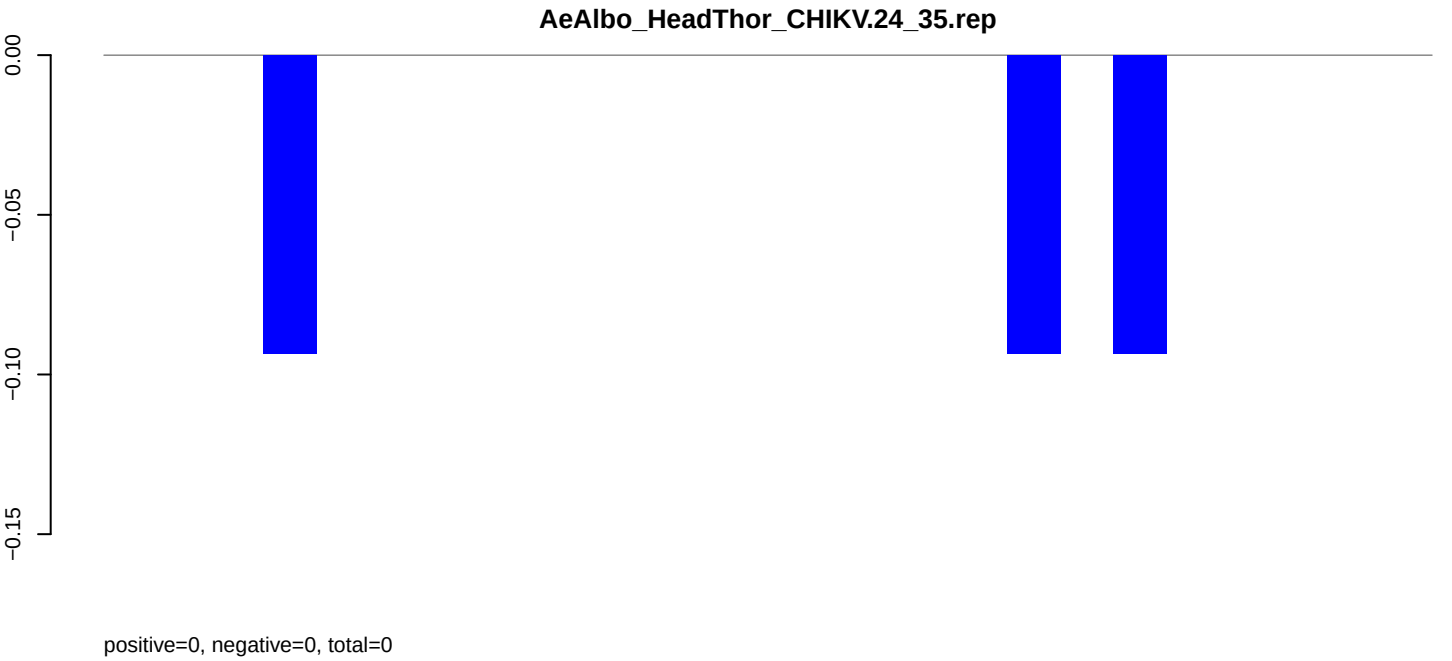

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=741, TE@rnd−1_family−689@DNA:1−741
0
200
400
600
800

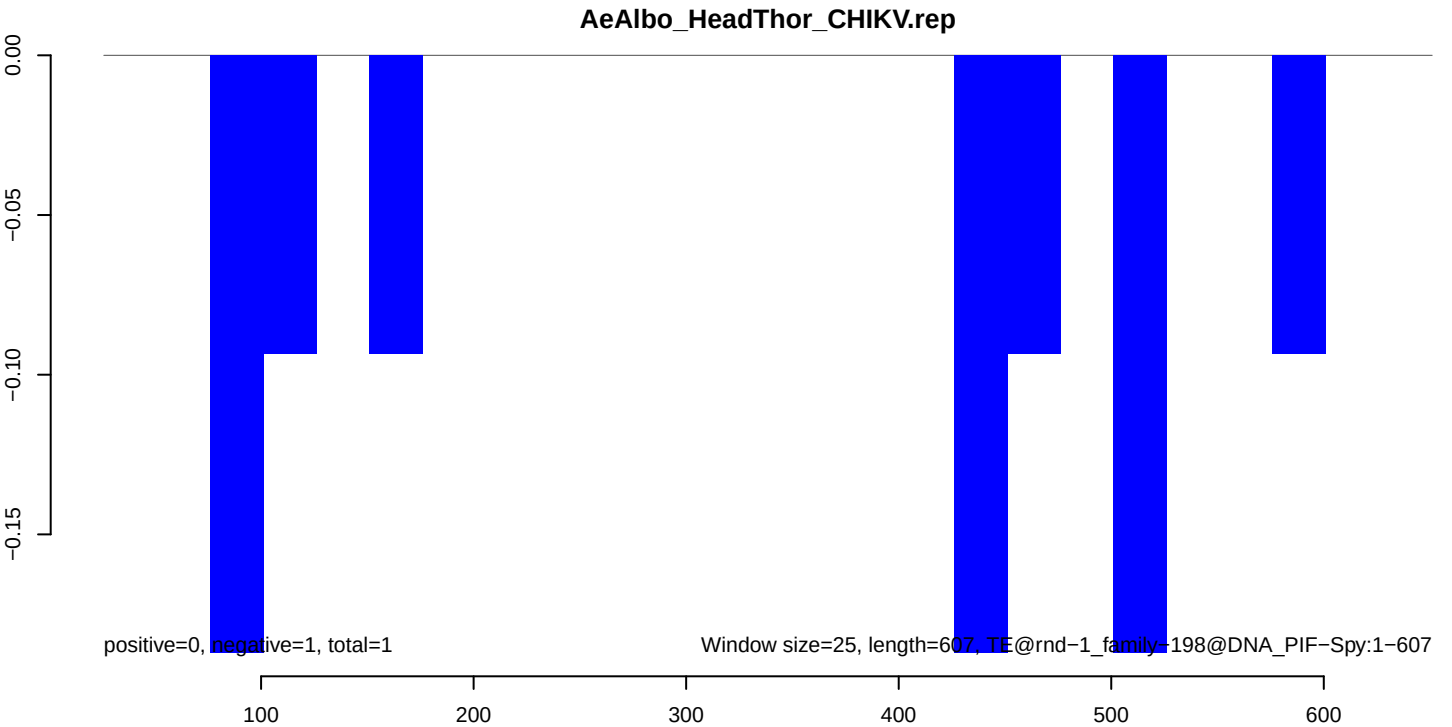

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=683, TE@rnd−1_family−628@LINE_R1:1−683
0
100
200
300
400
500
600
700

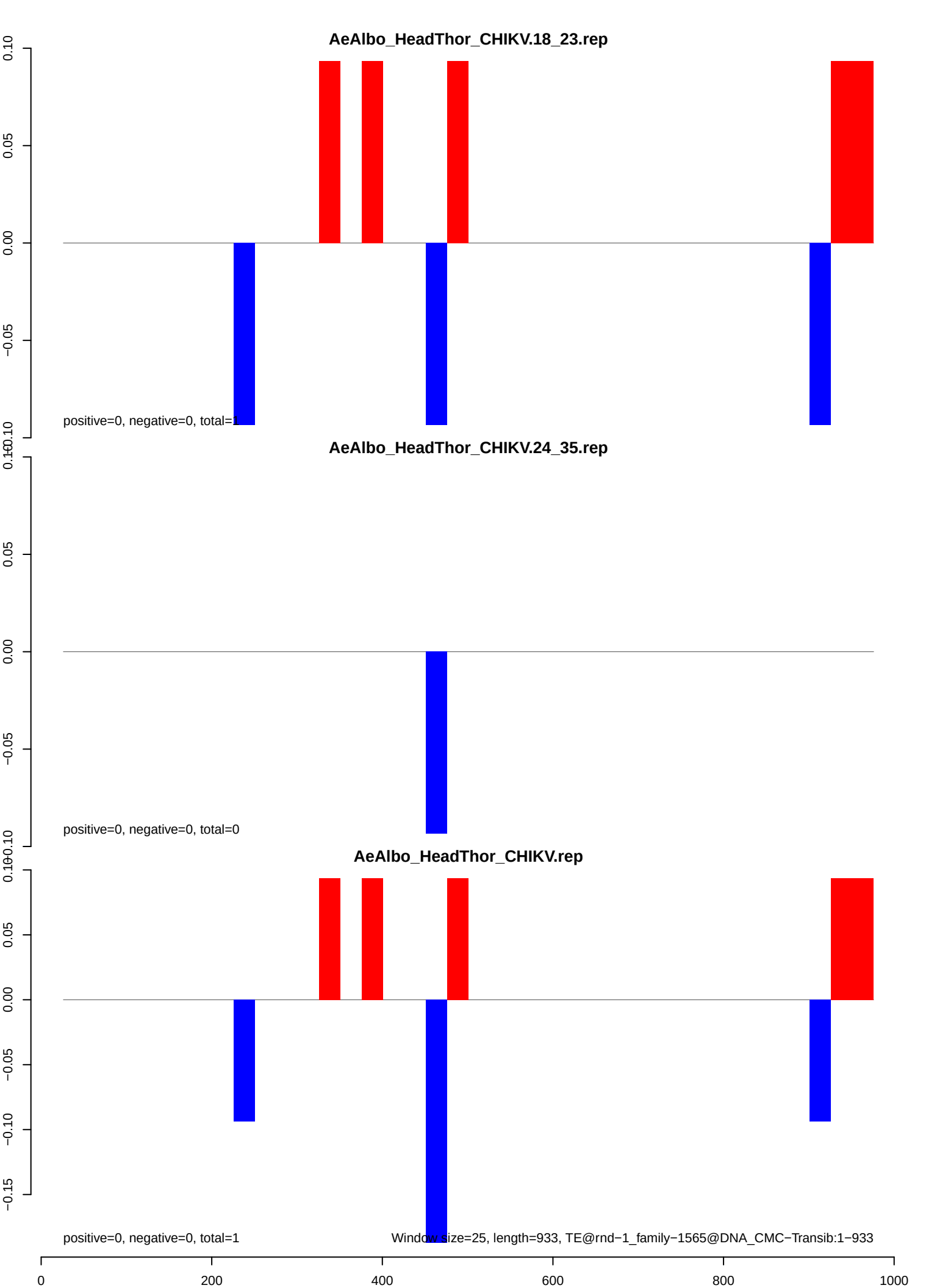

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=0, negative=2, total=3
Window size=25, length=613, TE@rnd−1_family−460@DNA_CMC−EnSpm:1−613
100
200
300
400
500
600

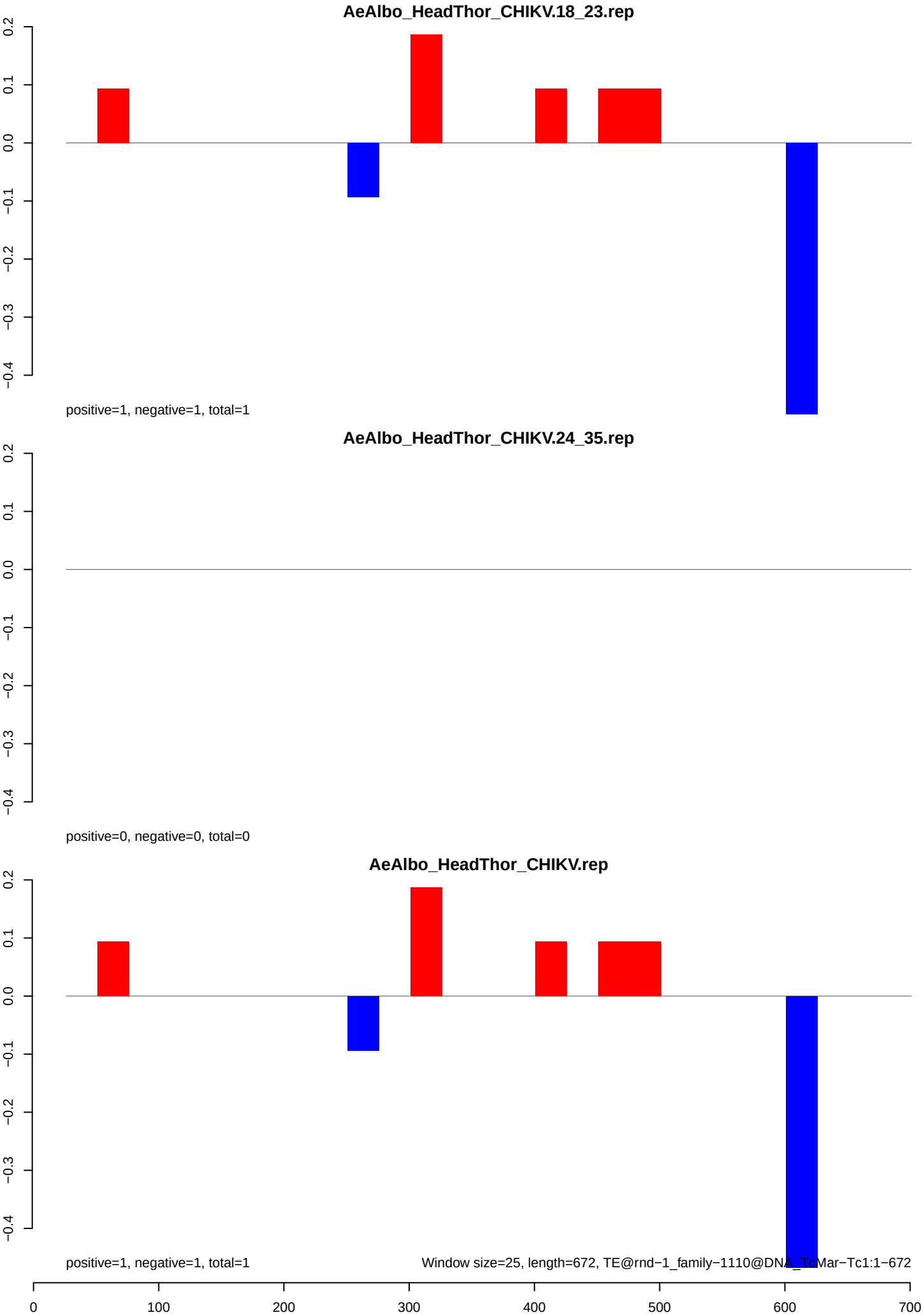

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
positive=1, negative=3, total=4
Window size=25, length=952, TE@rnd−1_family−298@DNA_Sola−2:1−952
0
200
400
600
800
1000

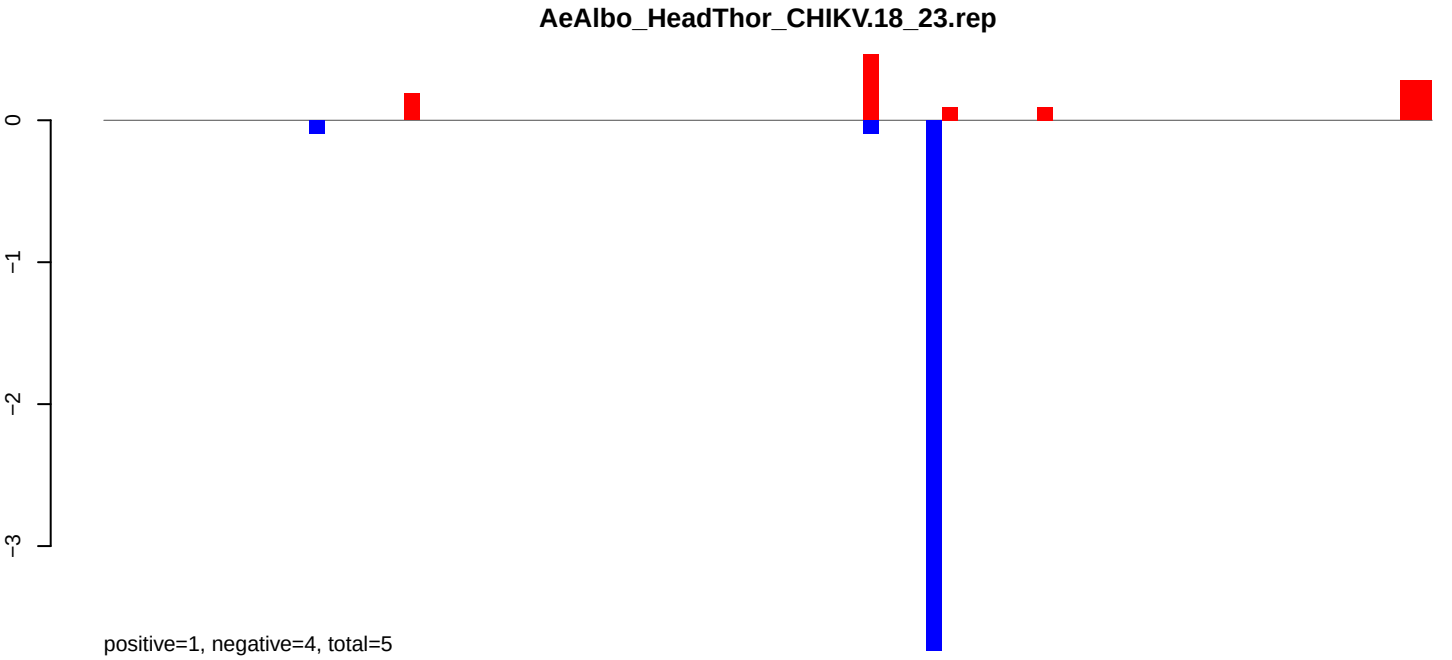

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1


AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

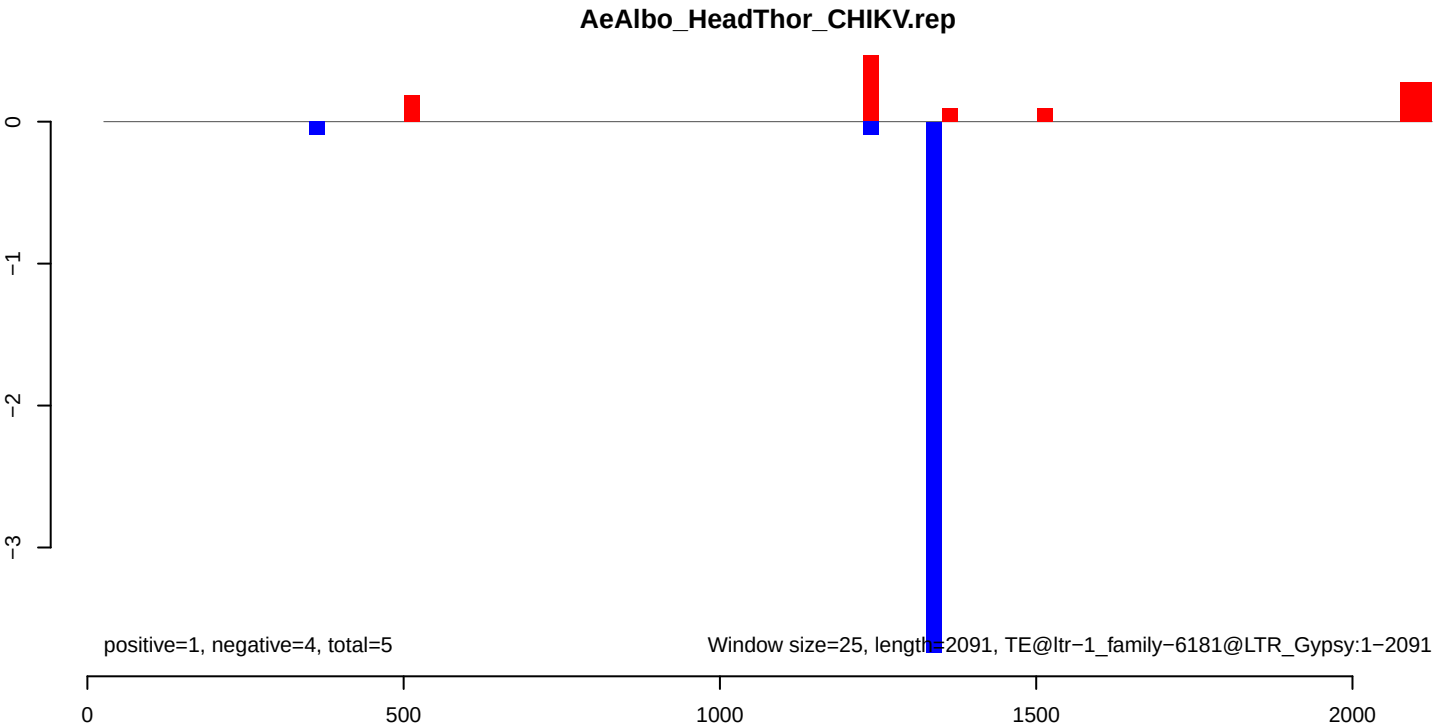

AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=607, TE@rnd−1_family−198@DNA_PIF−Spy:1−607
100
200
300
400
500
600

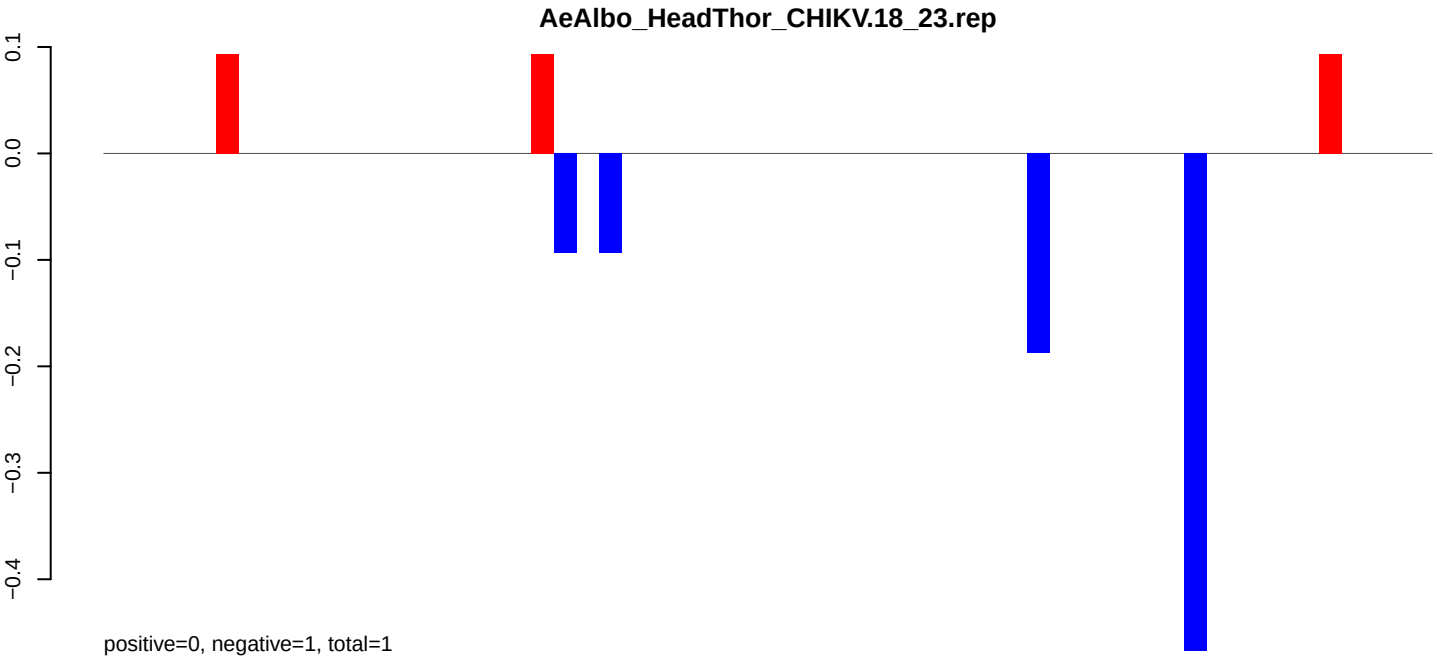

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=933, TE@rnd−1_family−1565@DNA_CMC−Transib:1−933
0
200
400
600
800
1000

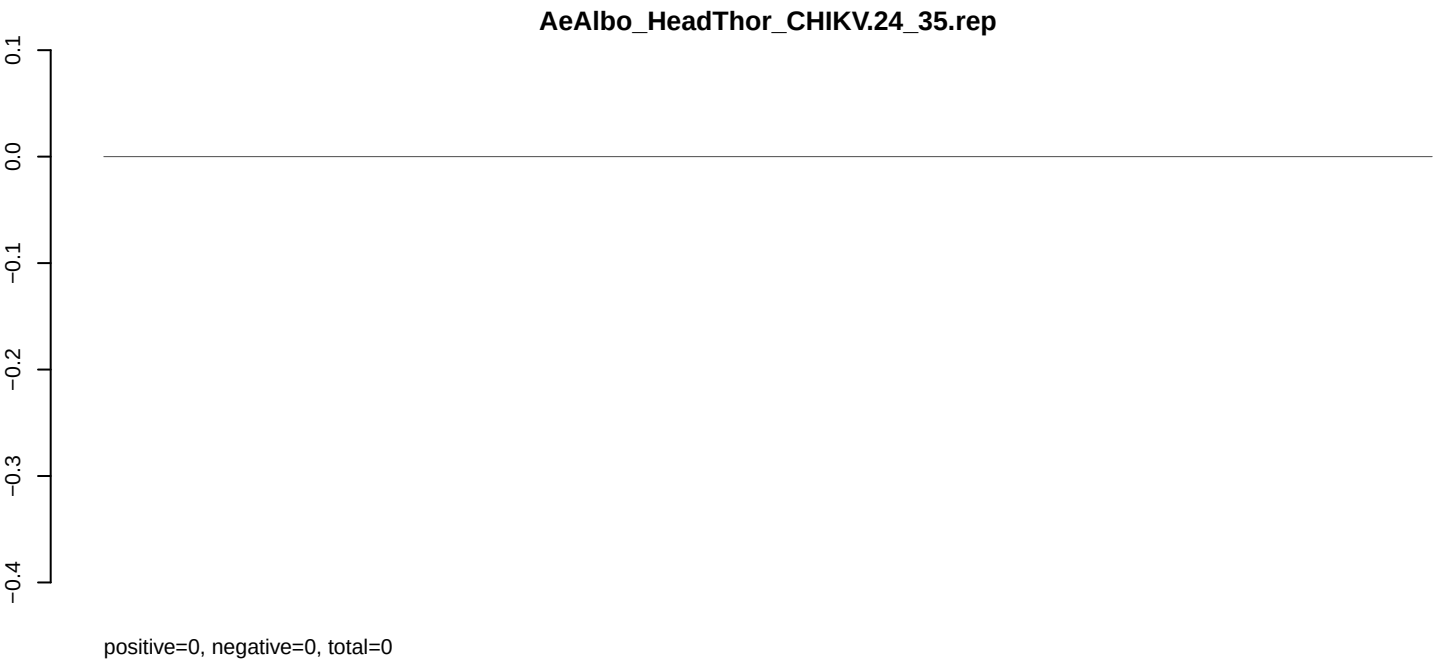

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=1, negative=1, total=1
Window size=25, length=672, TE@rnd−1_family−1110@DNA_TcMar−Tc1:1−672
0
100
200
300
400
500
600
700

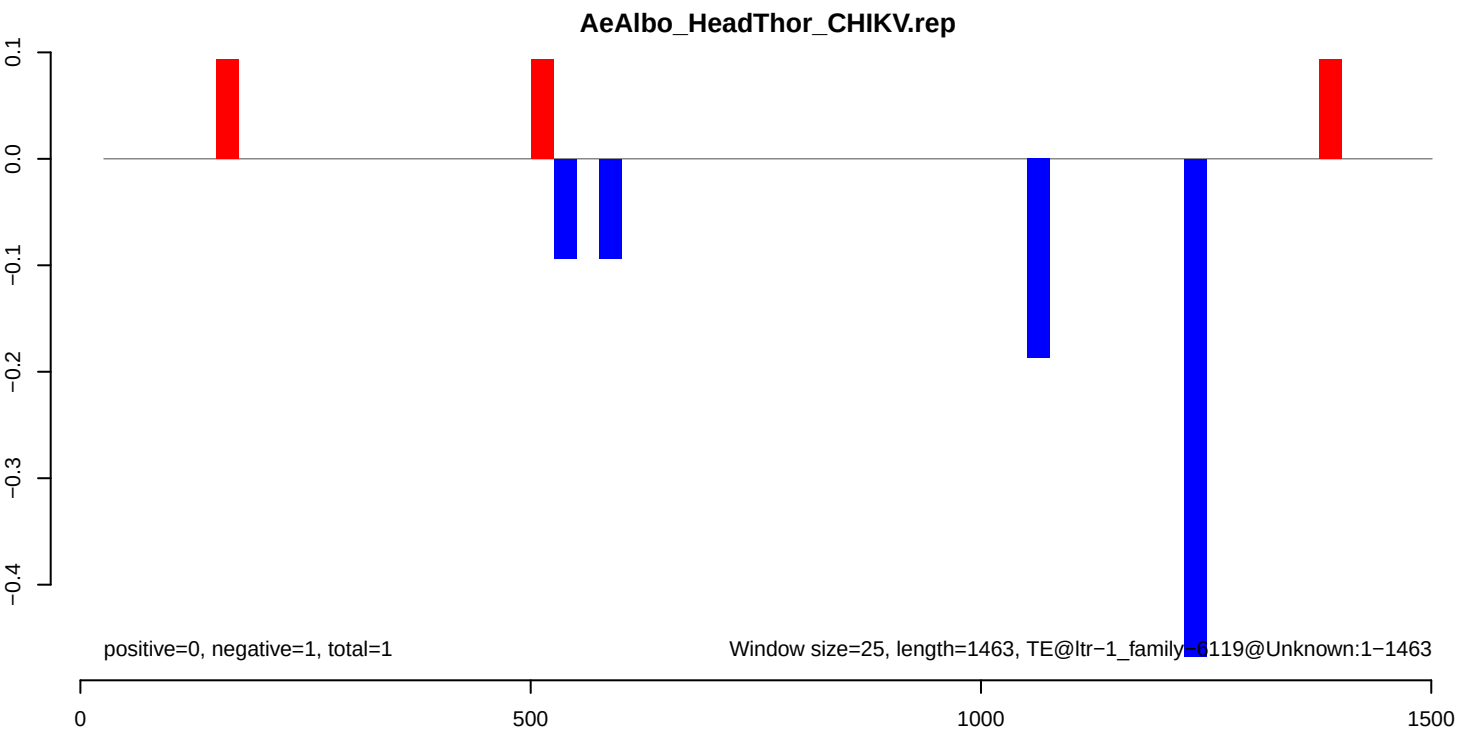

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=1, negative=4, total=5

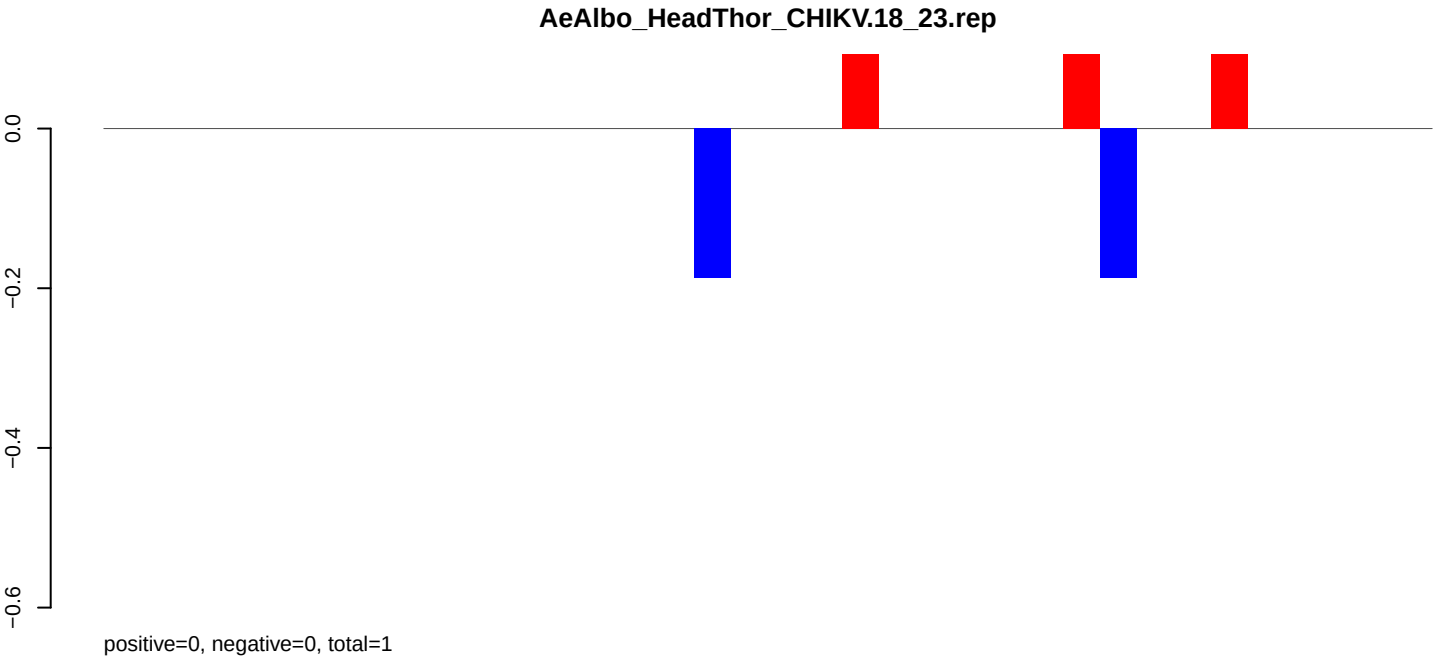
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0

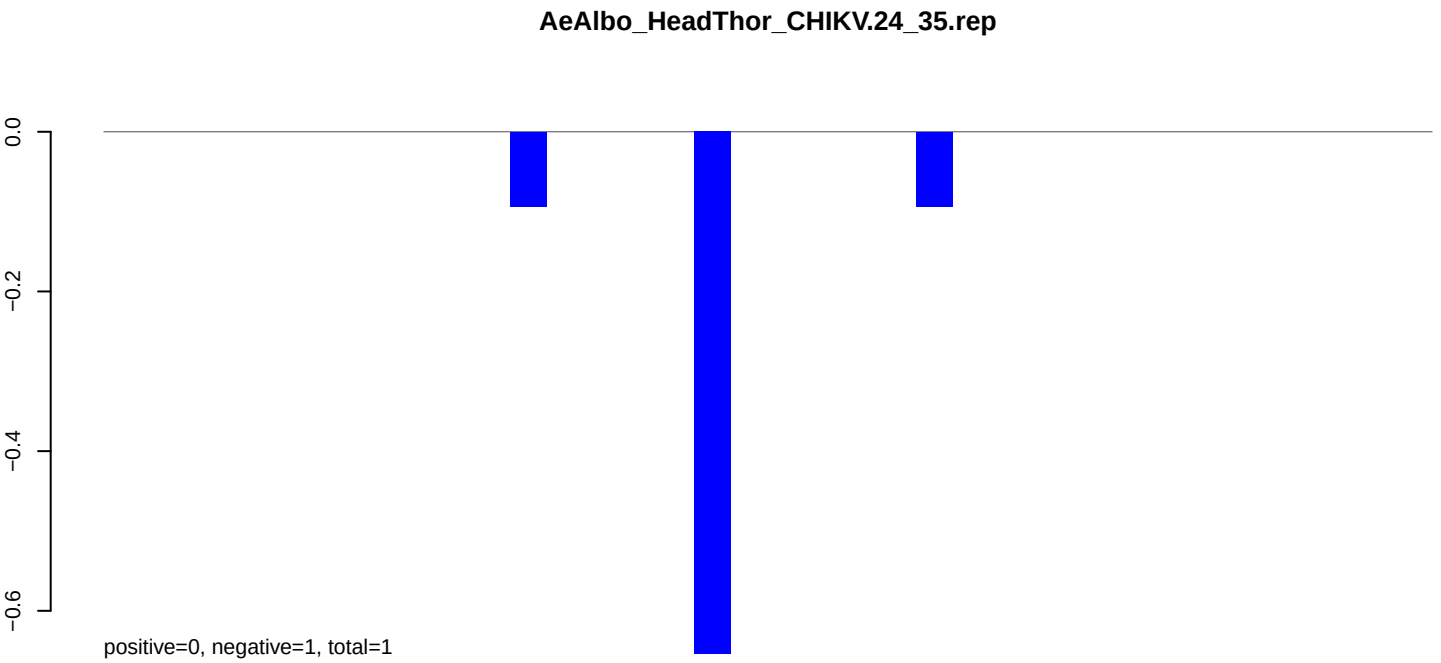

AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=1, negative=4, total=5
Window size=25, length=2091, TE@ltr−1_family−6181@LTR_Gypsy:1−2091
0
500
1000
1500
2000

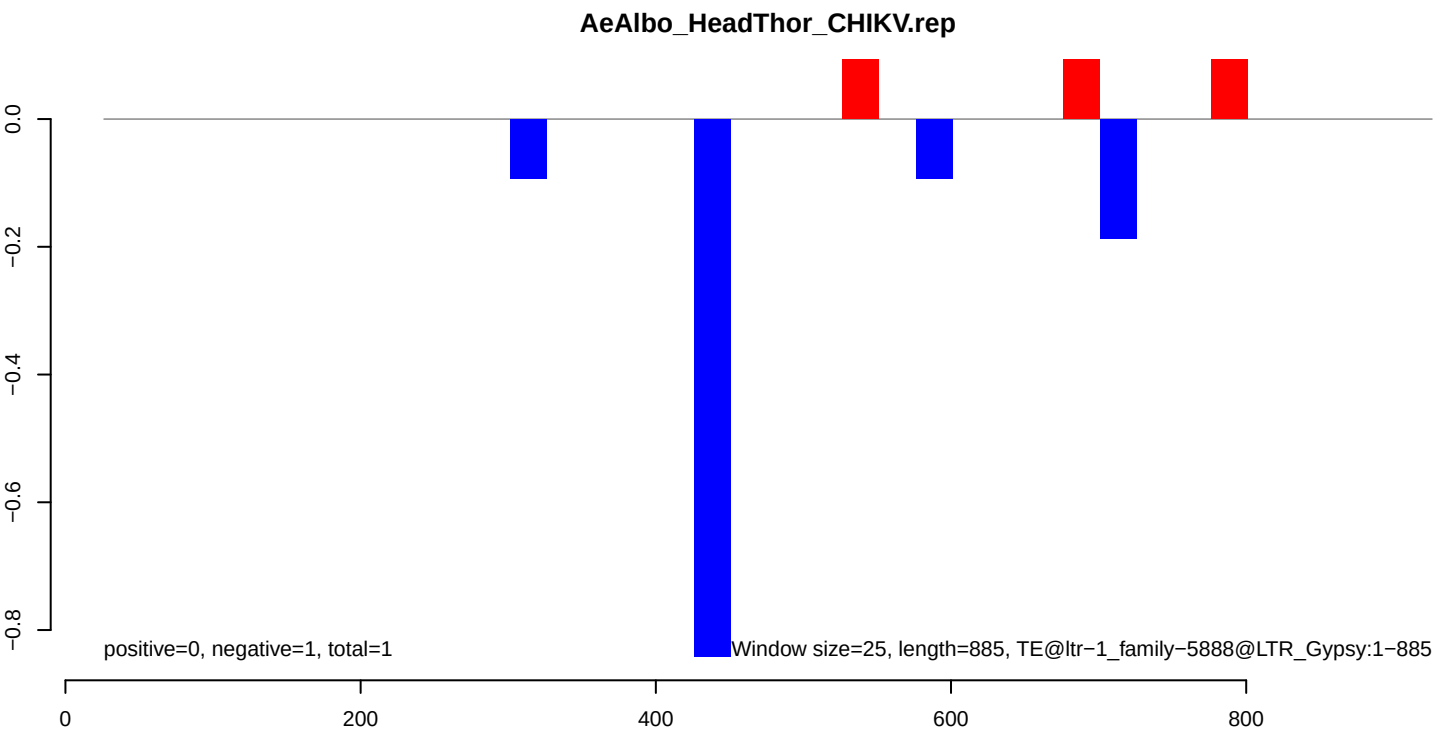

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1

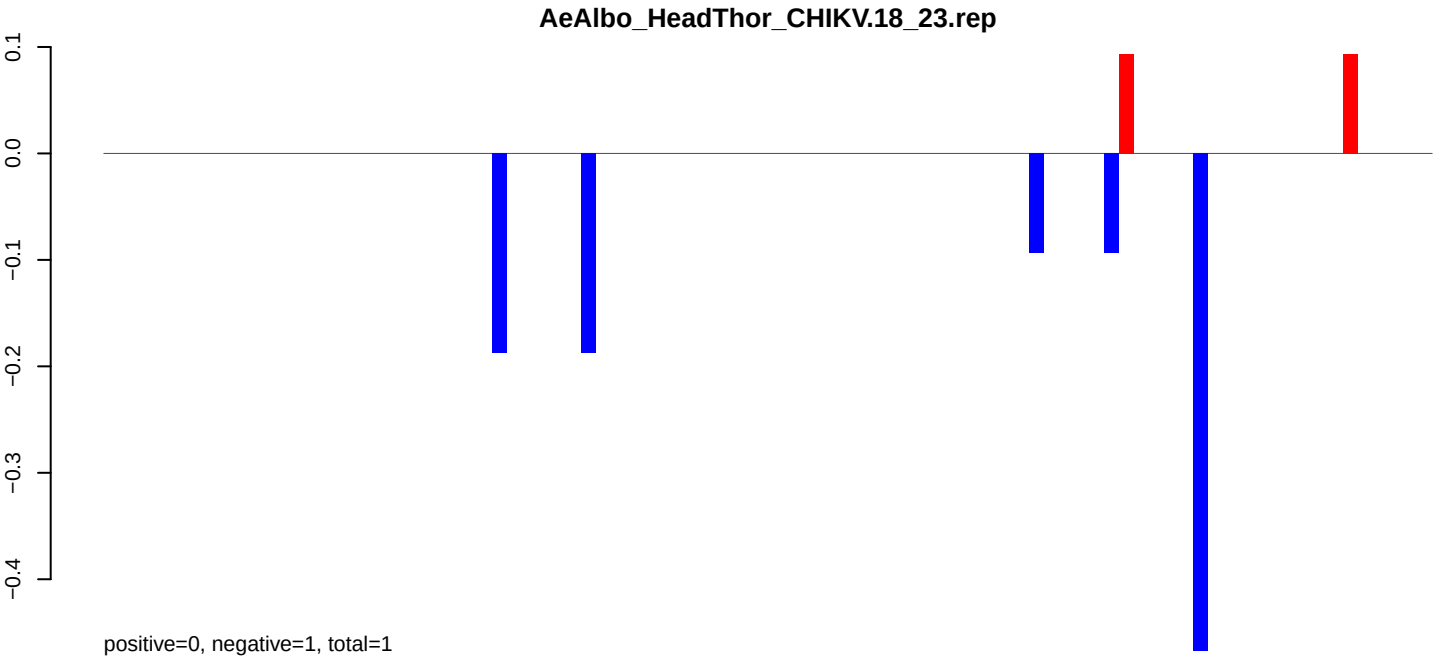

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

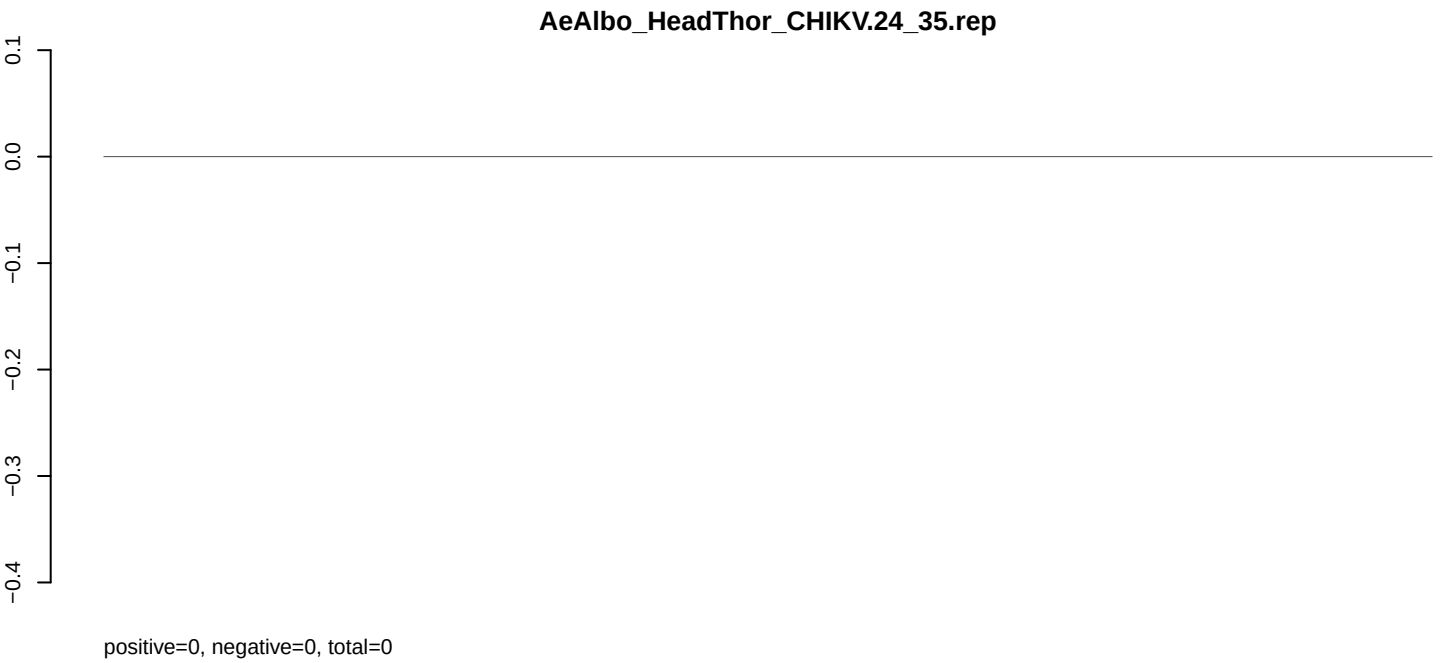

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1463, TE@ltr−1_family−6119@Unknown:1−1463
0
500
1000
1500

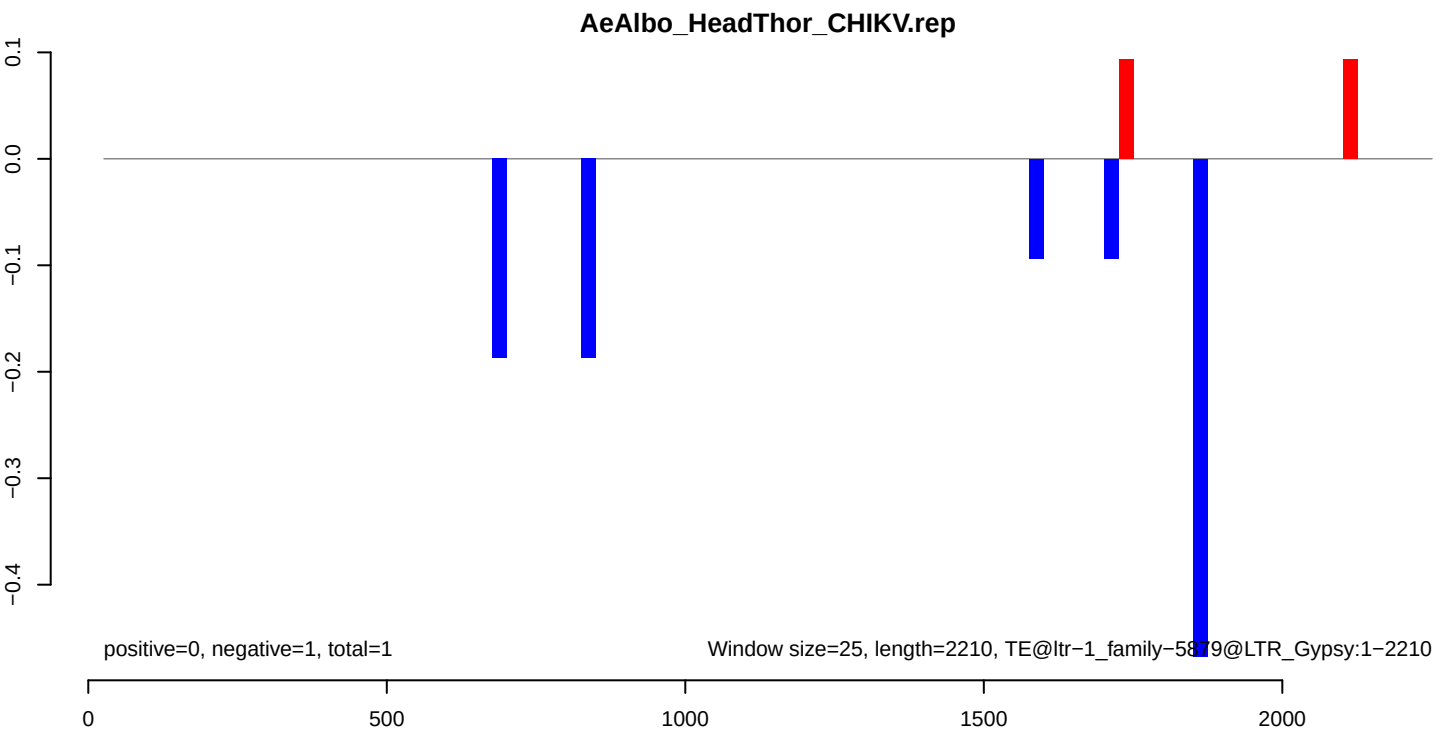

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=1

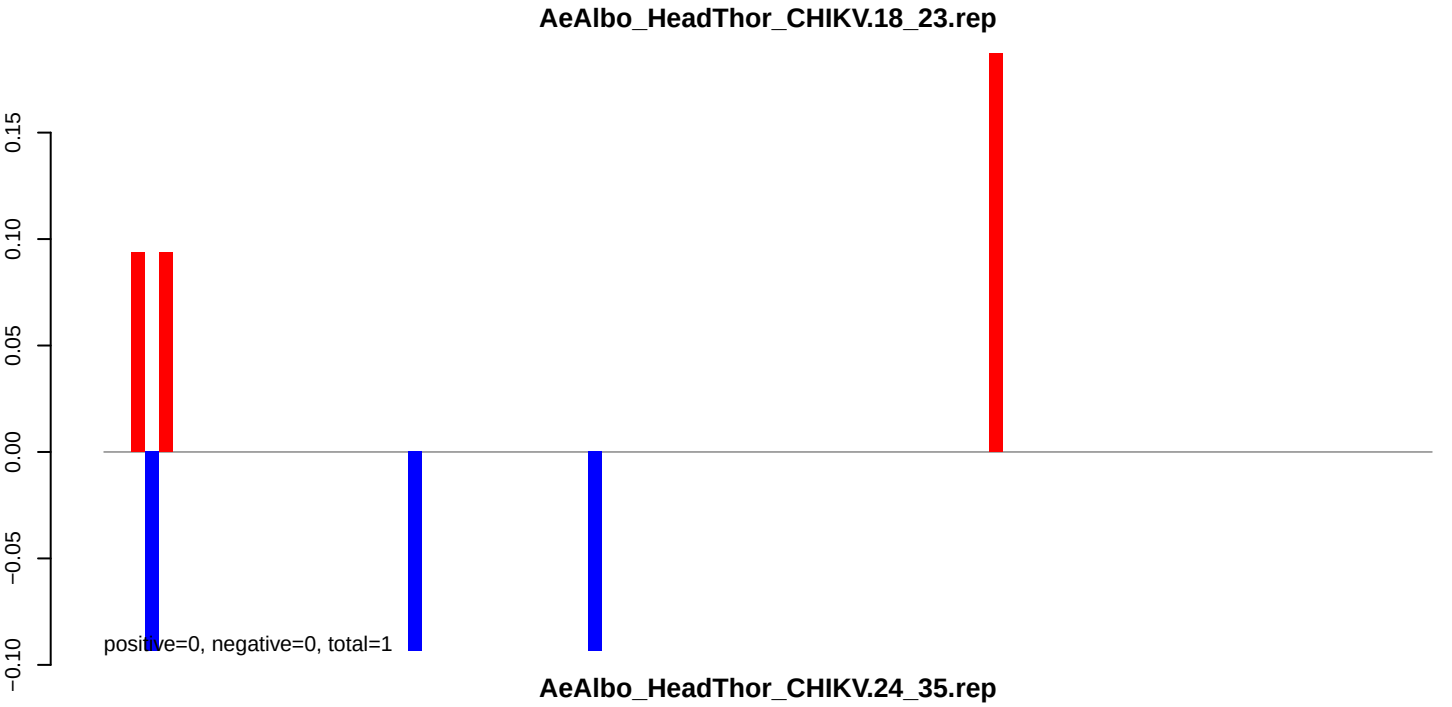

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1


AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1
Window size=25, length=885, TE@ltr−1_family−5888@LTR_Gypsy:1−885
0
200
400
600
800

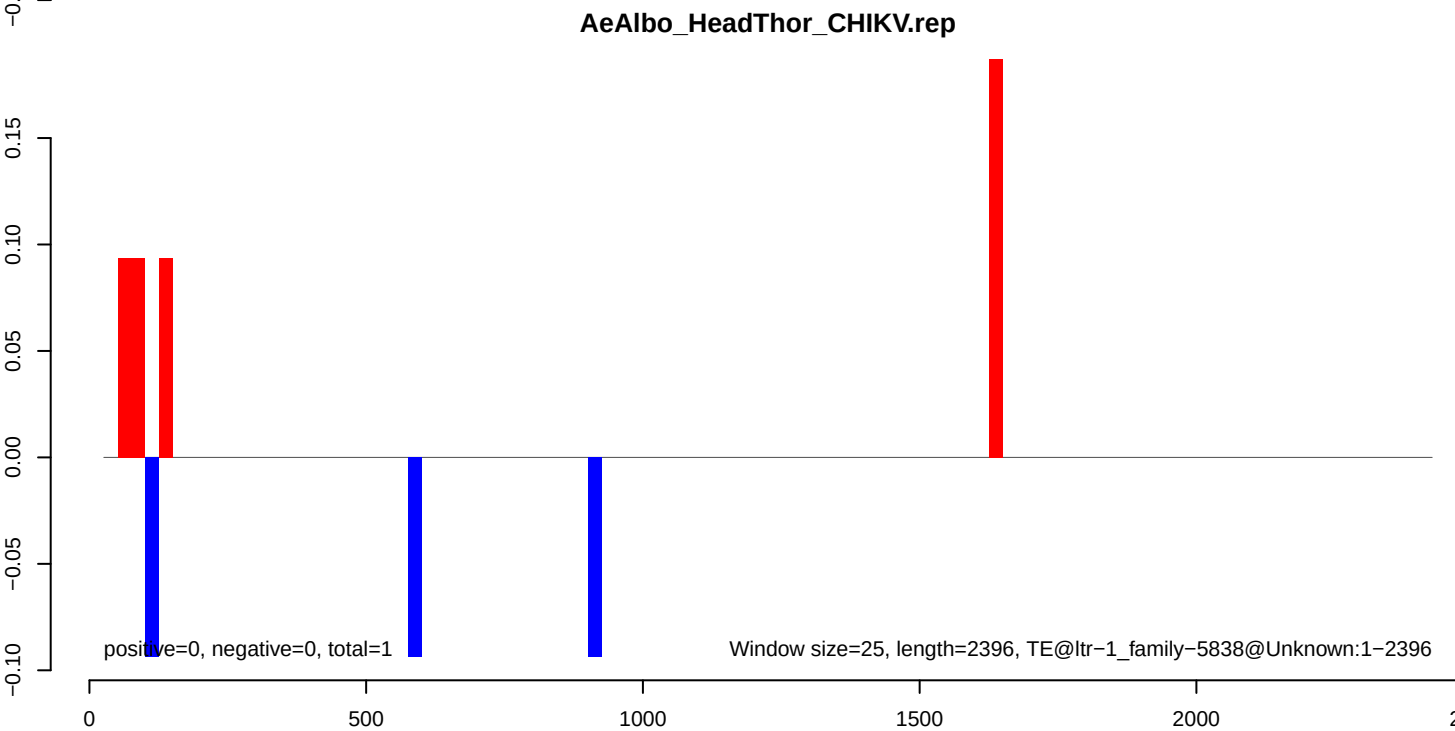

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1

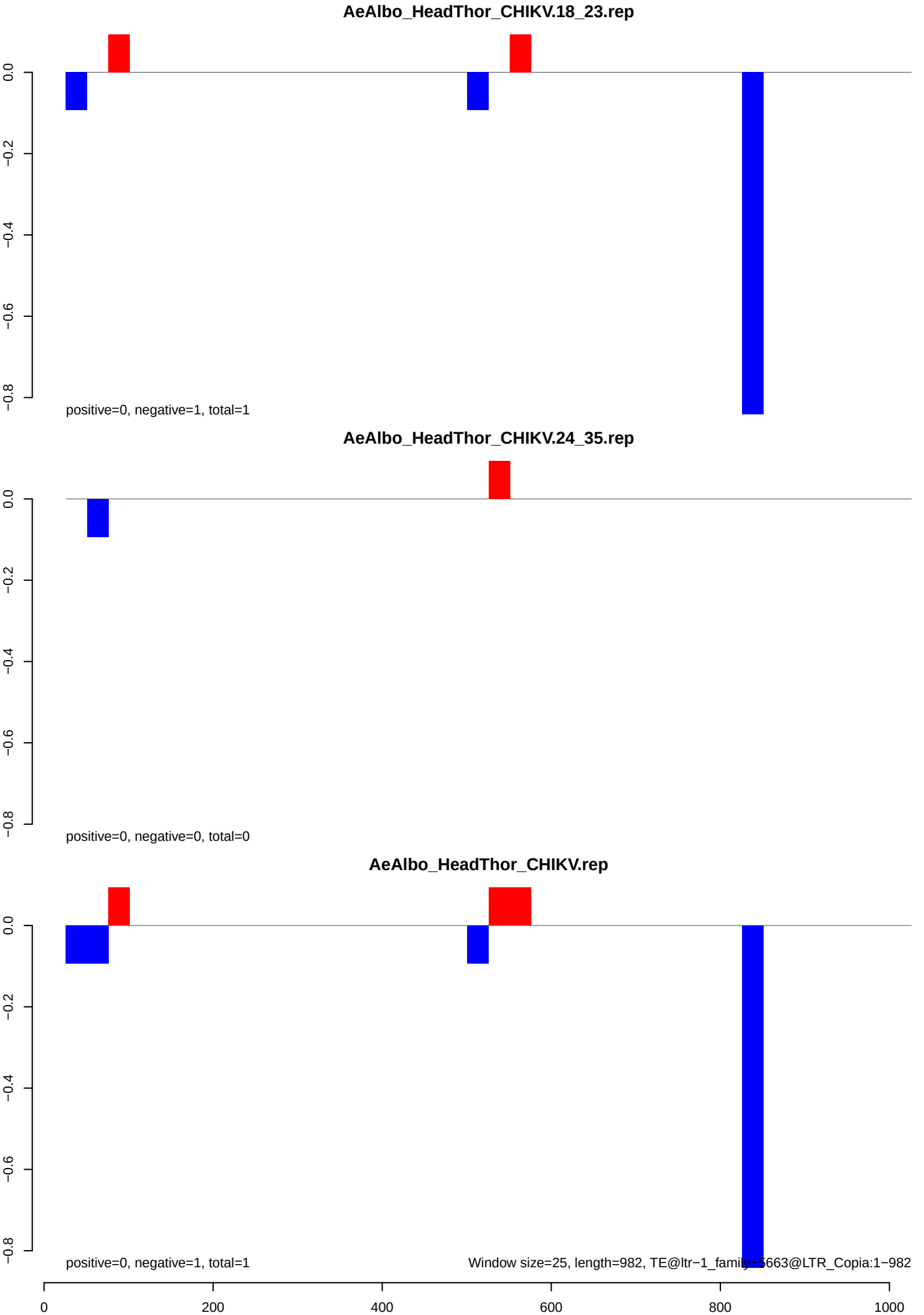

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

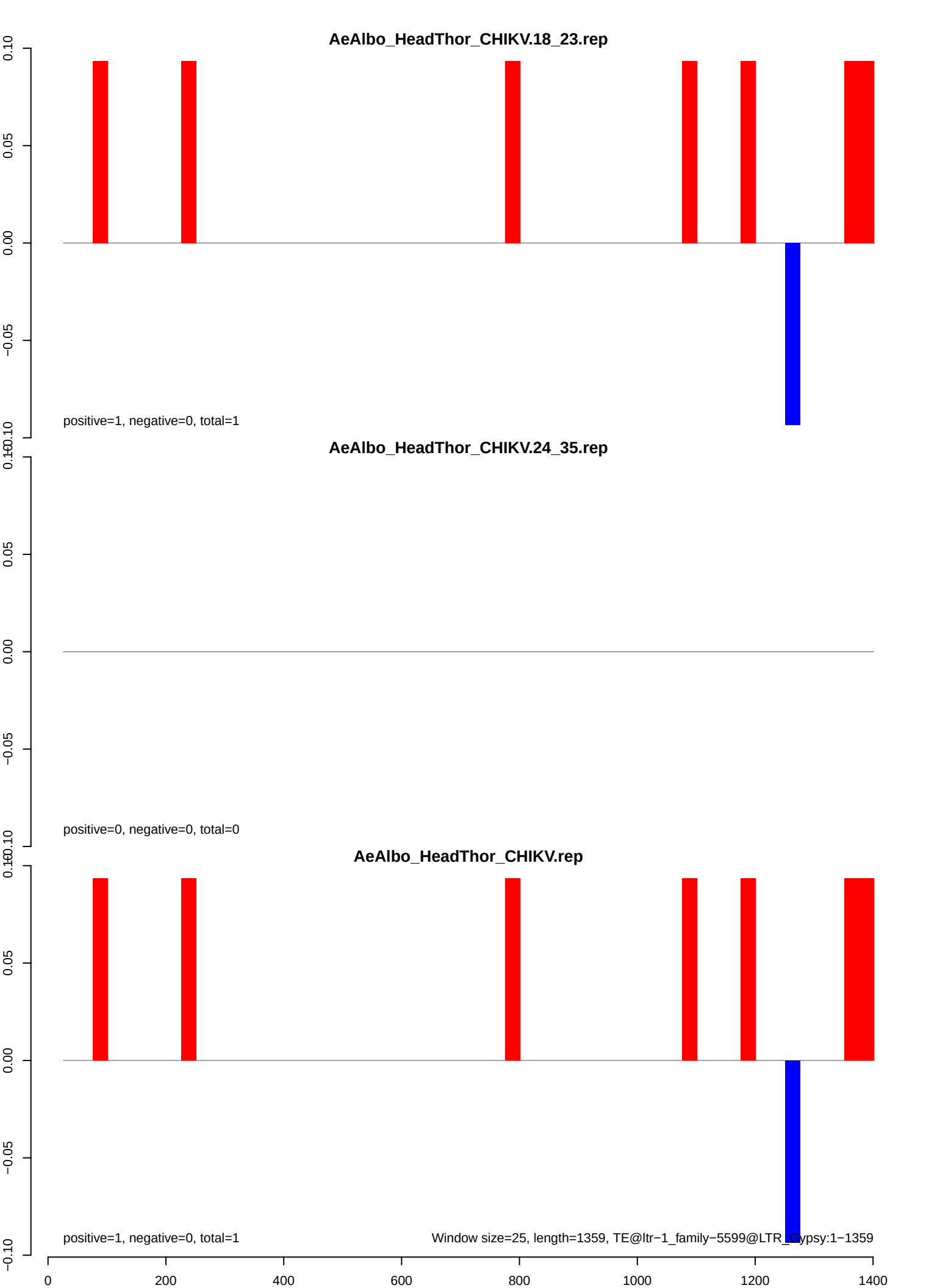

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=2210, TE@ltr−1_family−5879@LTR_Gypsy:1−2210
0
500
1000
1500
2000

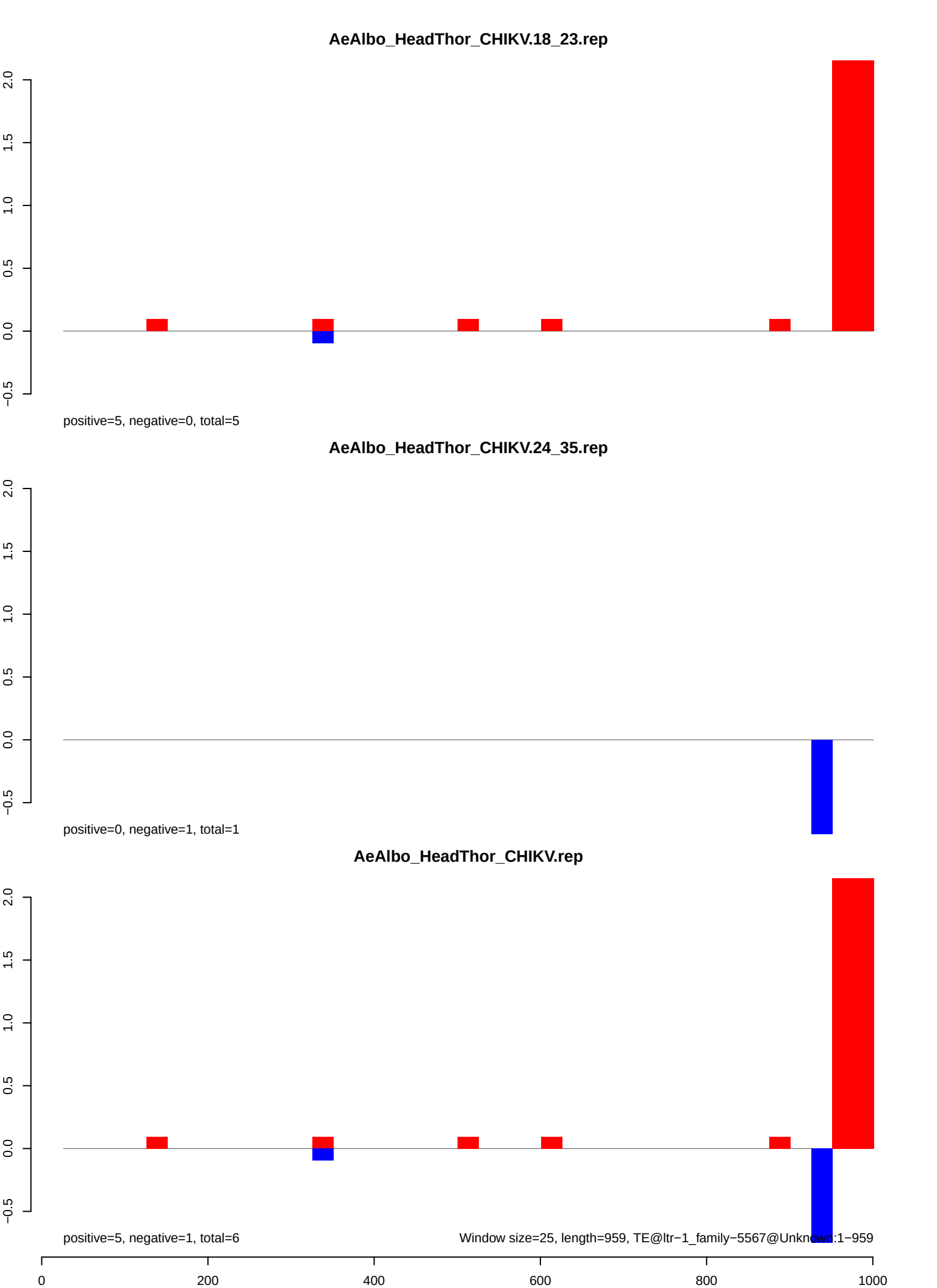

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1

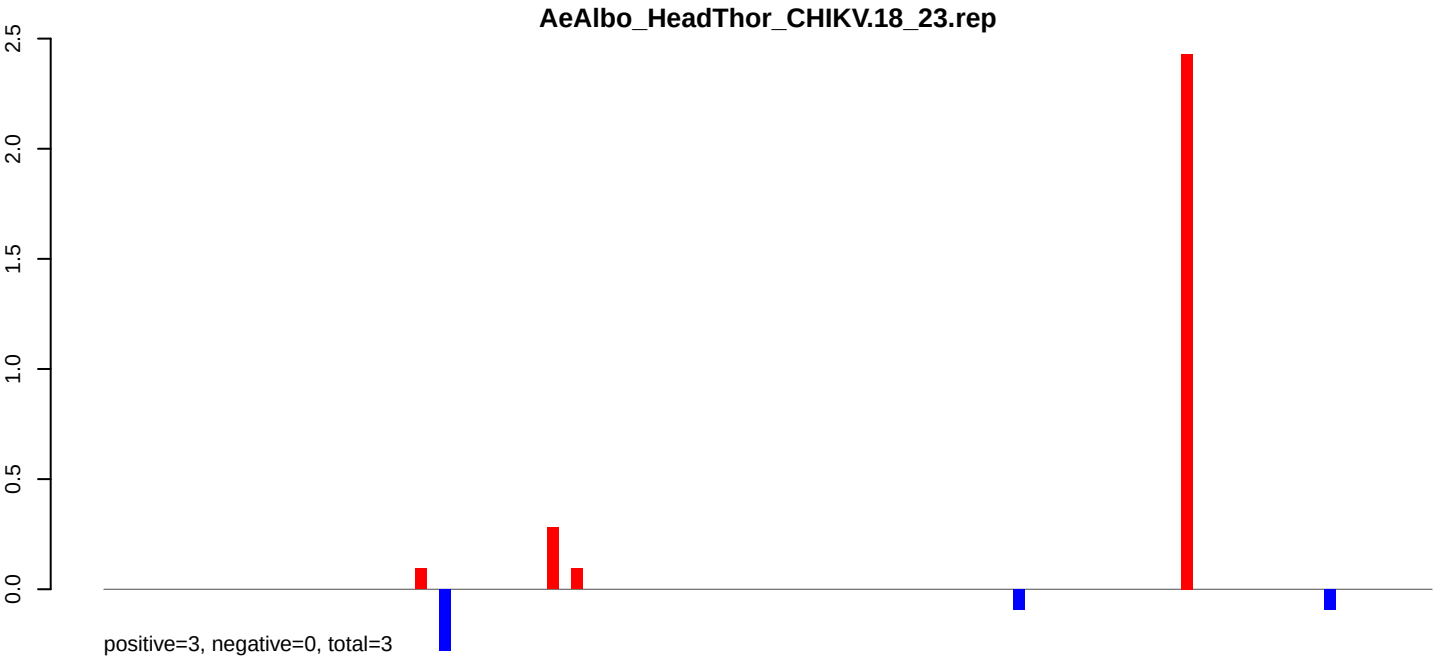
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0

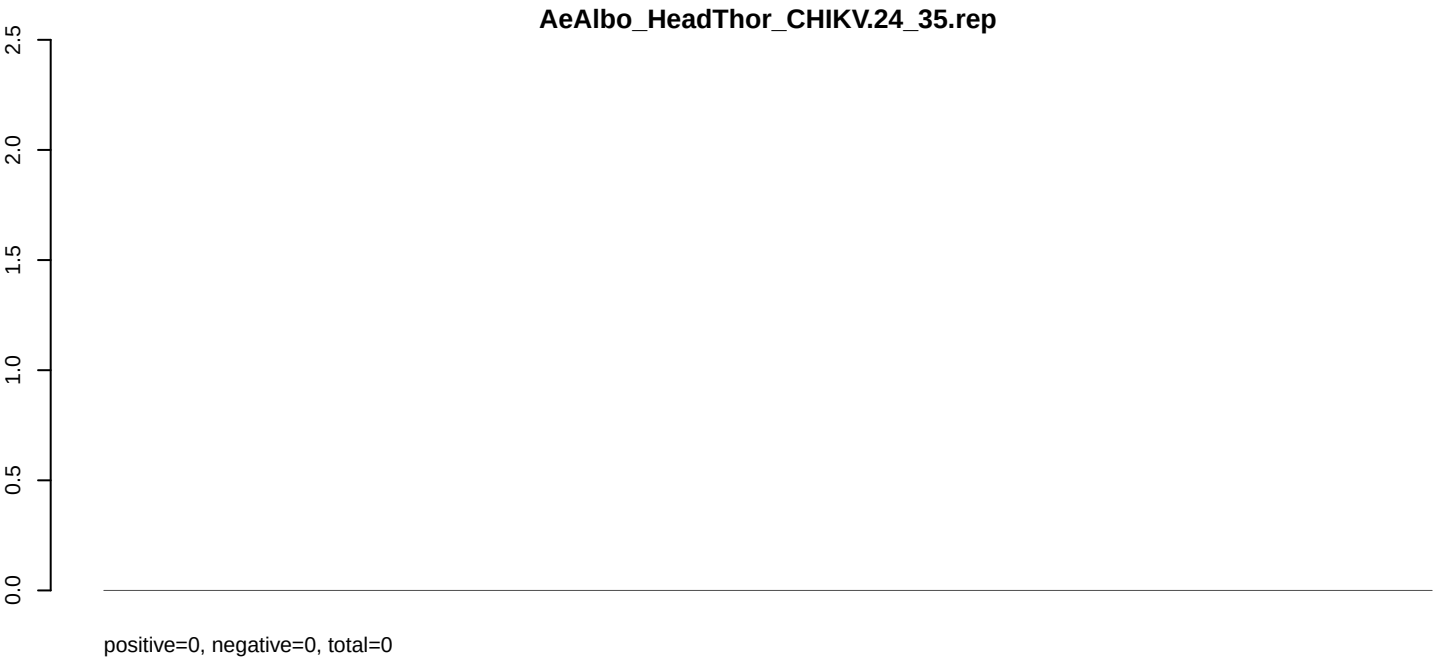

AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=2396, TE@ltr−1_family−5838@Unknown:1−2396
0
500
1000
1500
2000
2500

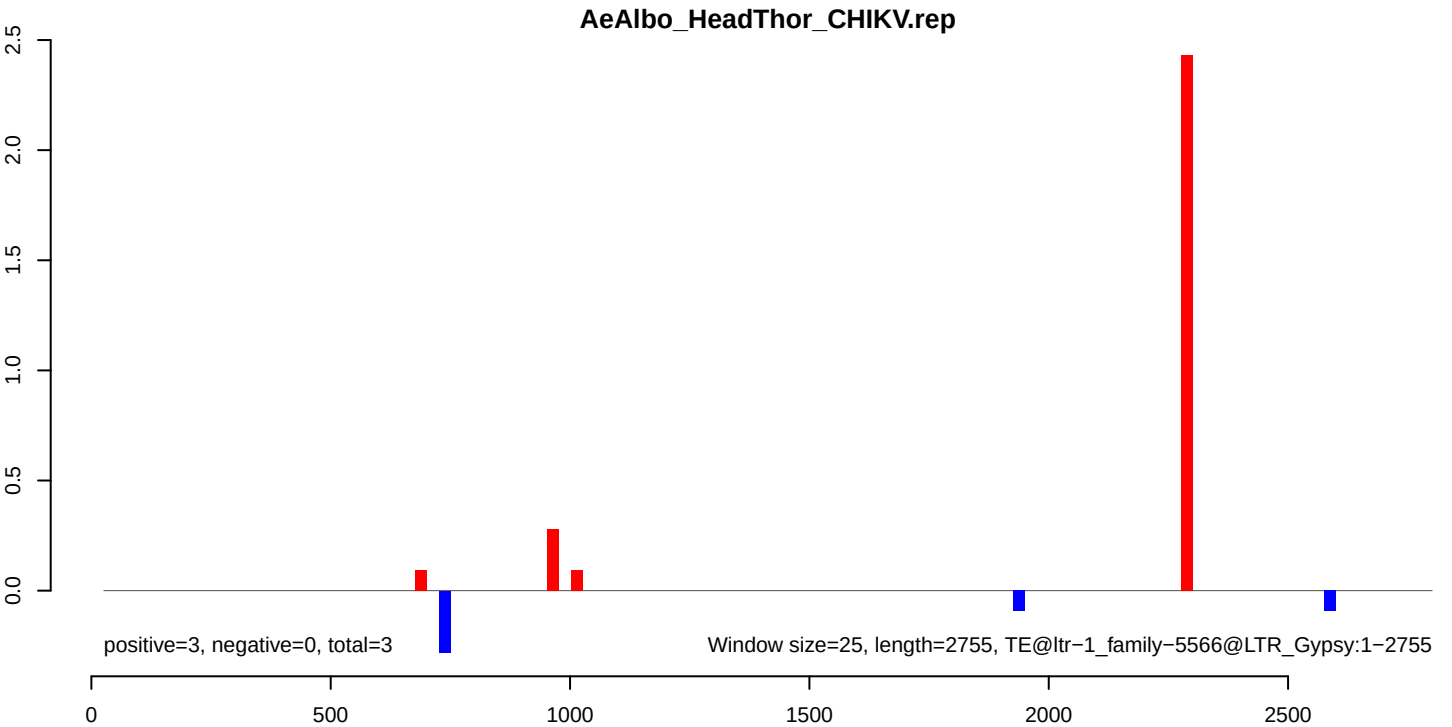

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1
Window size=25, length=982, TE@ltr−1_family−5663@LTR_Copia:1−982
0
200
400
600
800
1000

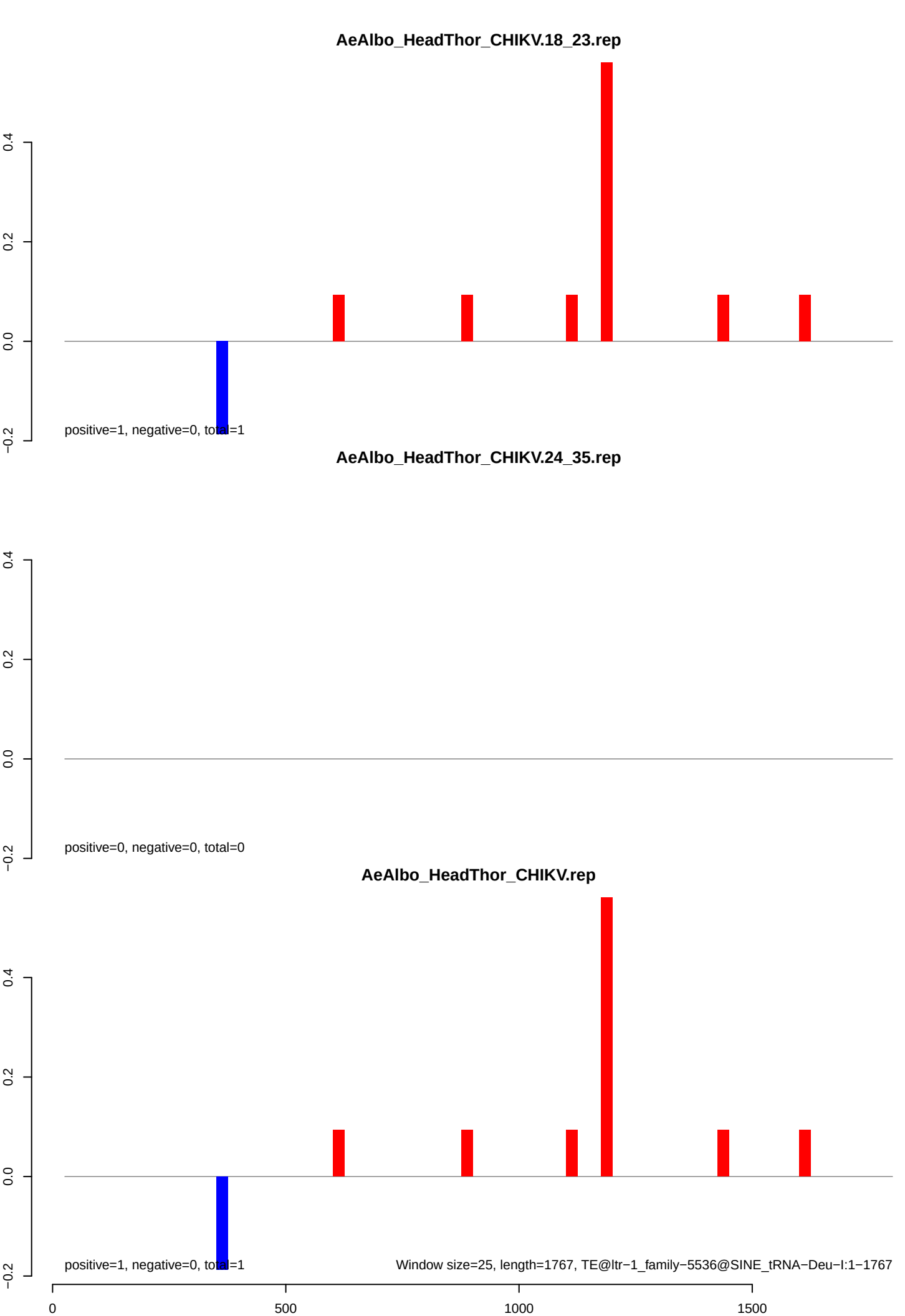

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1359, TE@ltr−1_family−5599@LTR_Gypsy:1−1359
0
200
400
600
800
1000
1200
1400

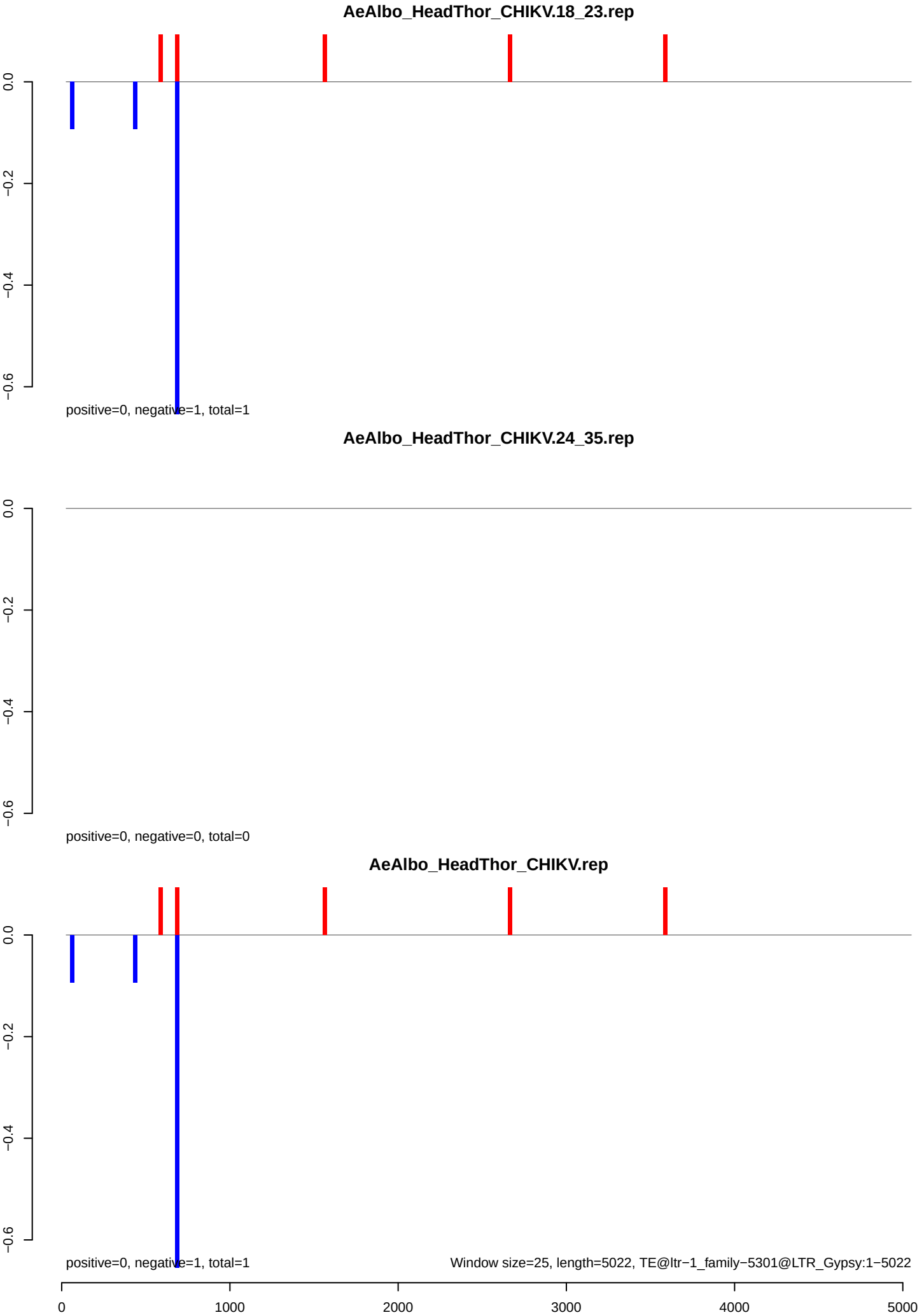

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=5, negative=0, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=5, negative=1, total=6
Window size=25, length=959, TE@ltr−1_family−5567@Unknown:1−959
0
200
400
600
800
1000

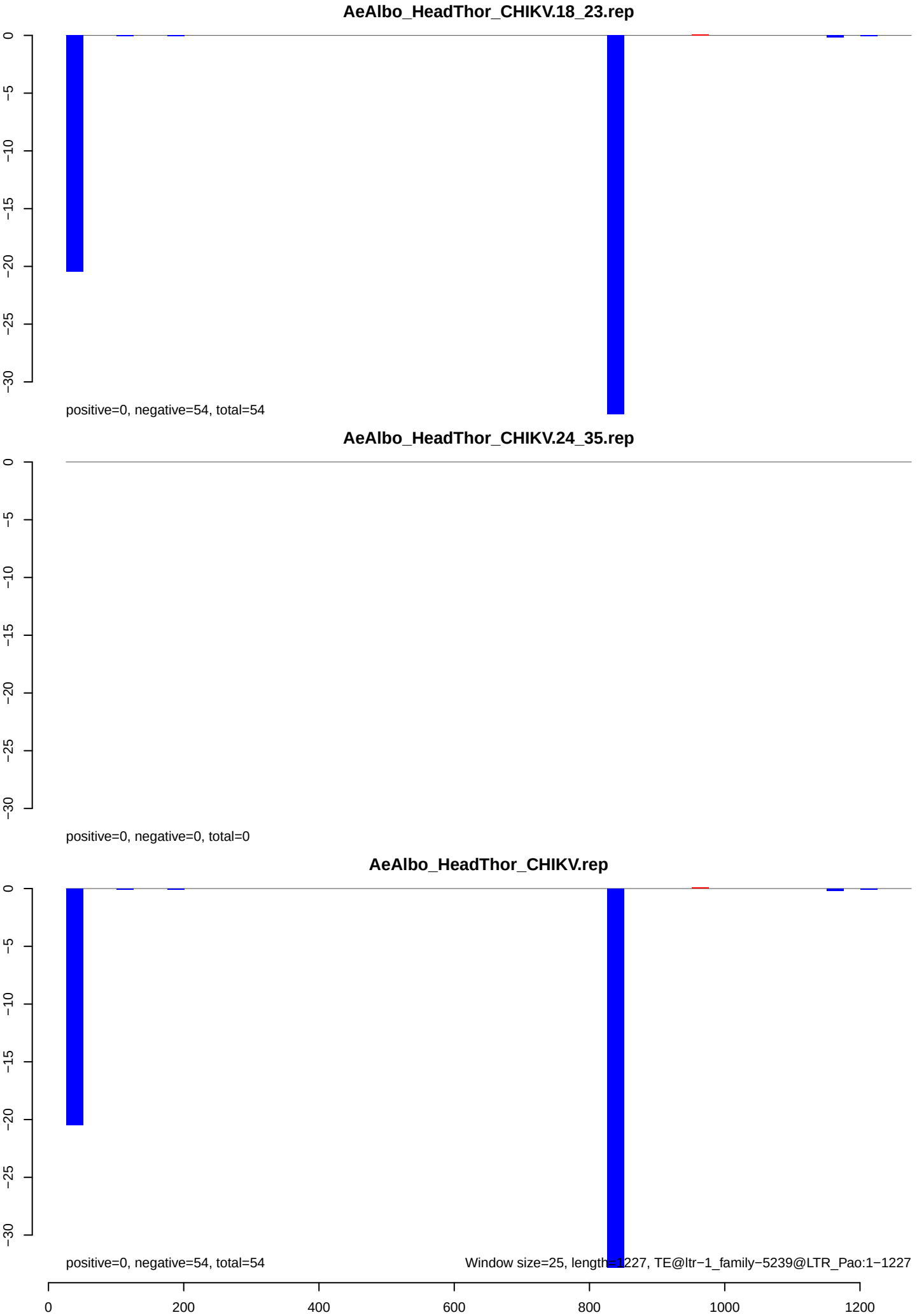

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=3, negative=0, total=3

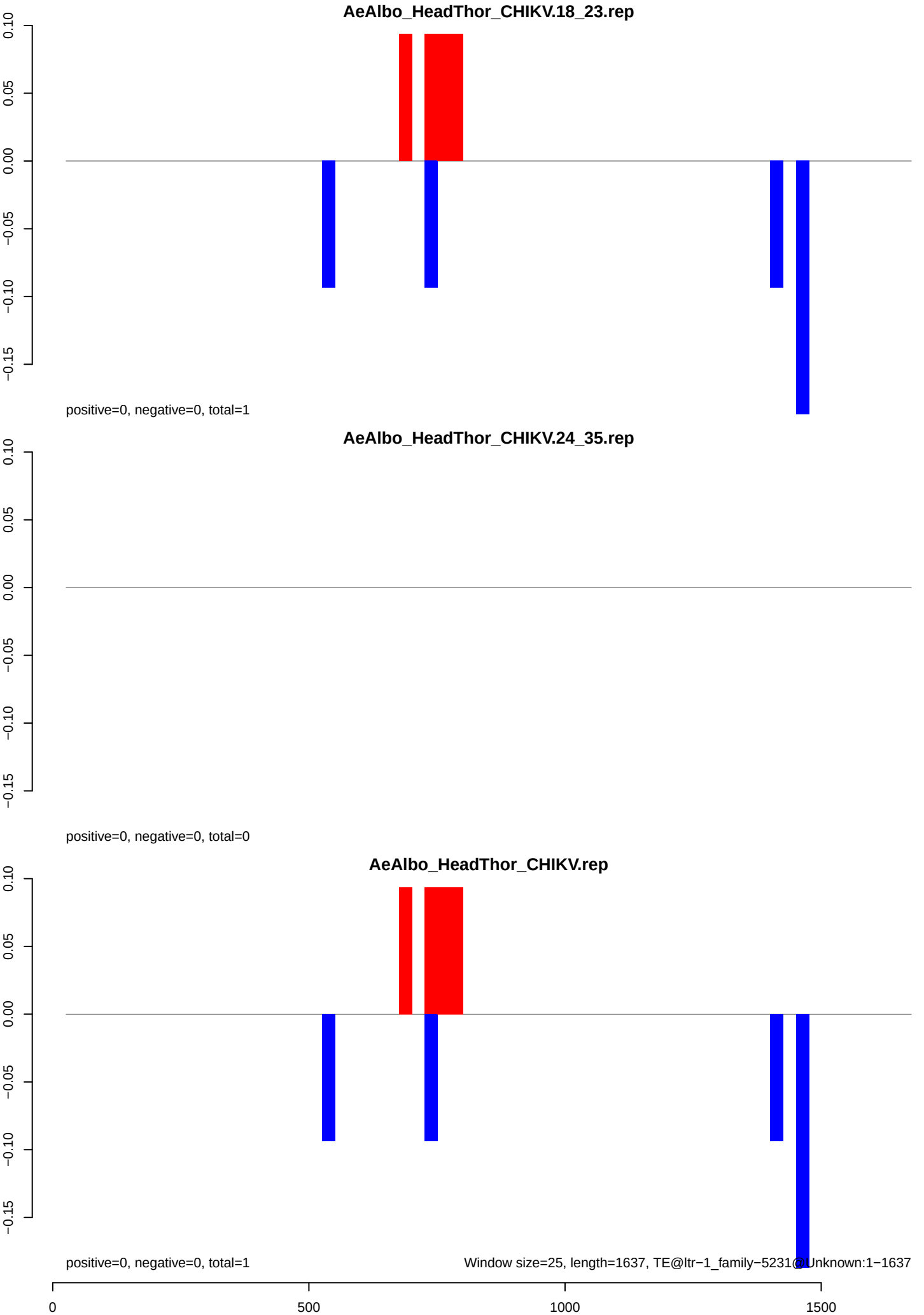

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=0, negative=0, total=0

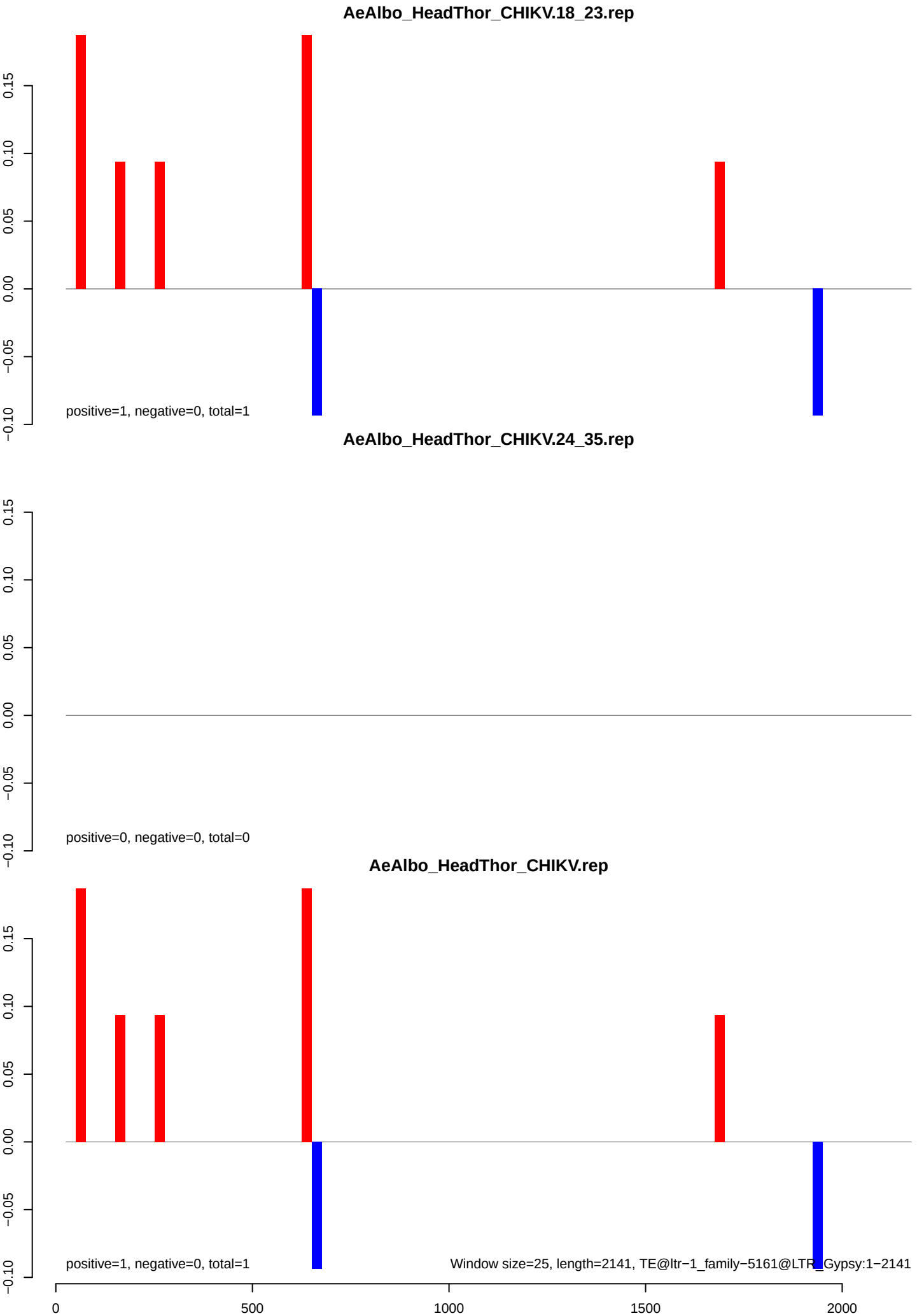

AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
2.5
positive=3, negative=0, total=3
Window size=25, length=2755, TE@ltr−1_family−5566@LTR_Gypsy:1−2755
0
500
1000
1500
2000
2500

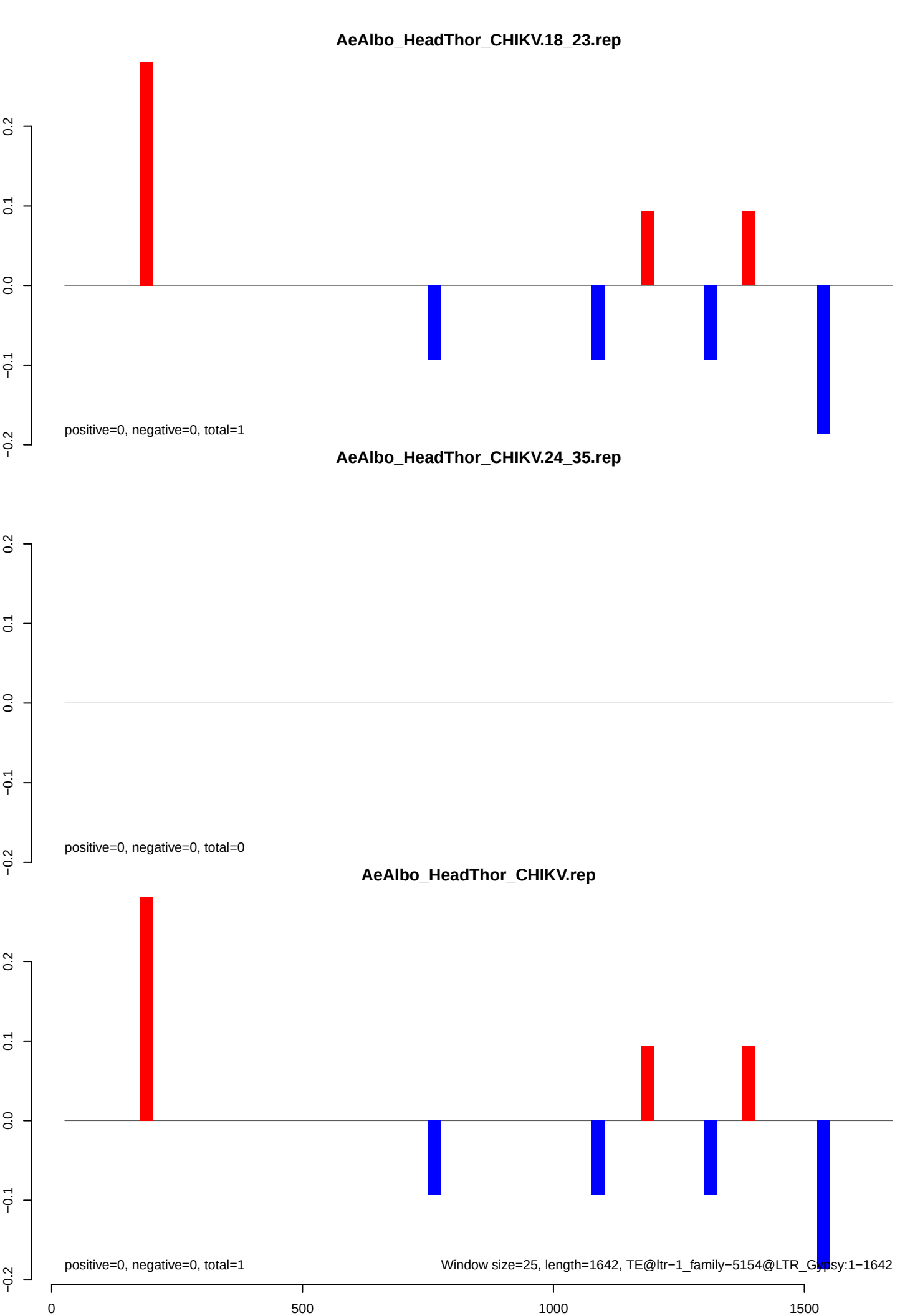

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
Window size=25, length=1767, TE@ltr−1_family−5536@SINE_tRNA−Deu−I:1−1767
0
500
1000
1500

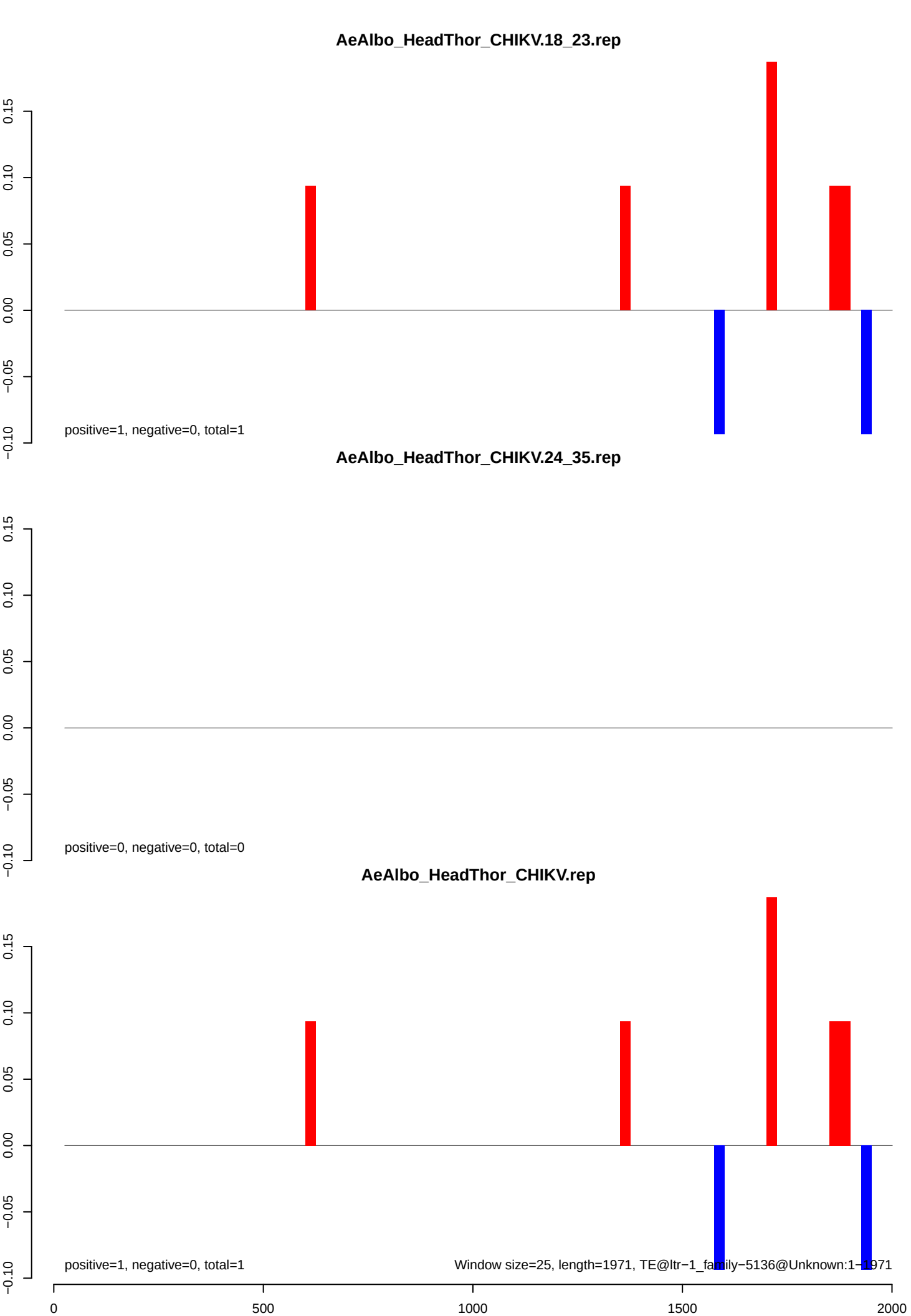

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=5022, TE@ltr−1_family−5301@LTR_Gypsy:1−5022
0
1000
2000
3000
4000
5000

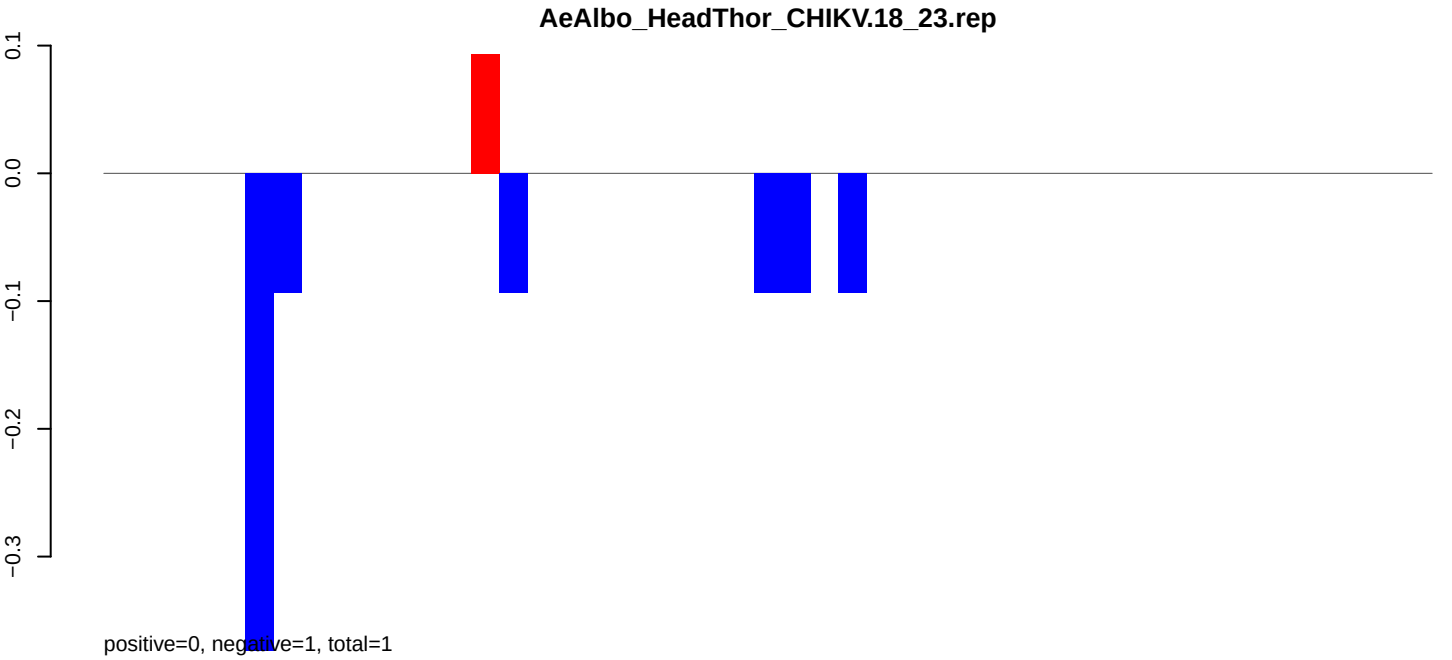

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=54, total=54
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=54, total=54
Window size=25, length=1227, TE@ltr−1_family−5239@LTR_Pao:1−1227
0
200
400
600
800
1000
1200

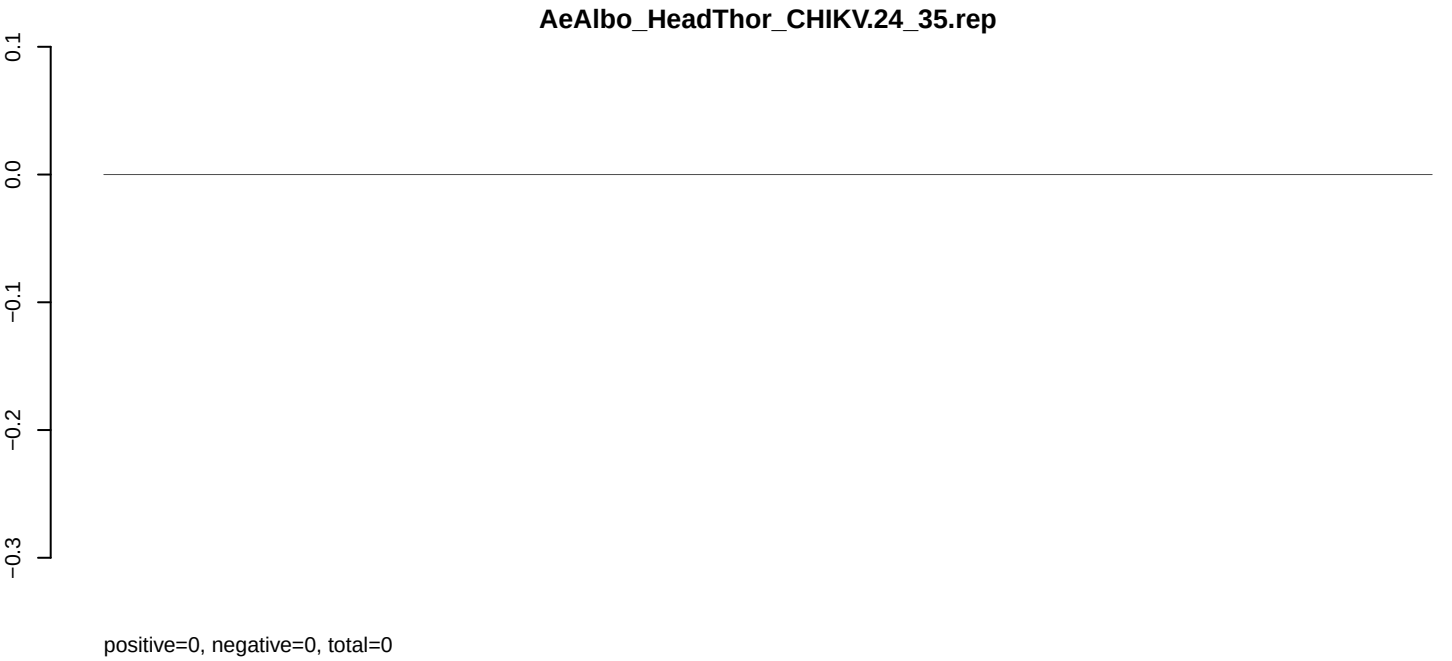

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1637, TE@ltr−1_family−5231@Unknown:1−1637
0
500
1000
1500

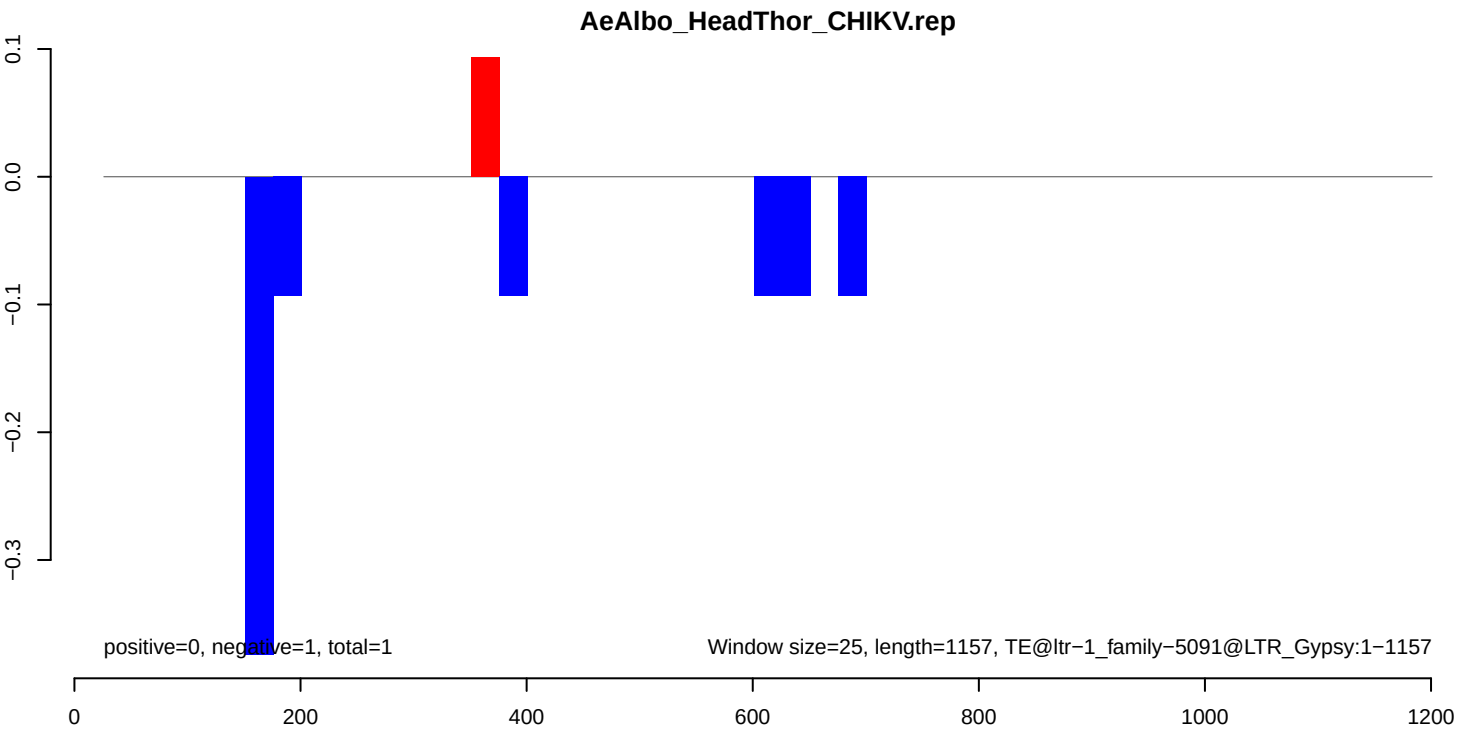

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=2141, TE@ltr−1_family−5161@LTR_Gypsy:1−2141
0
500
1000
1500
2000

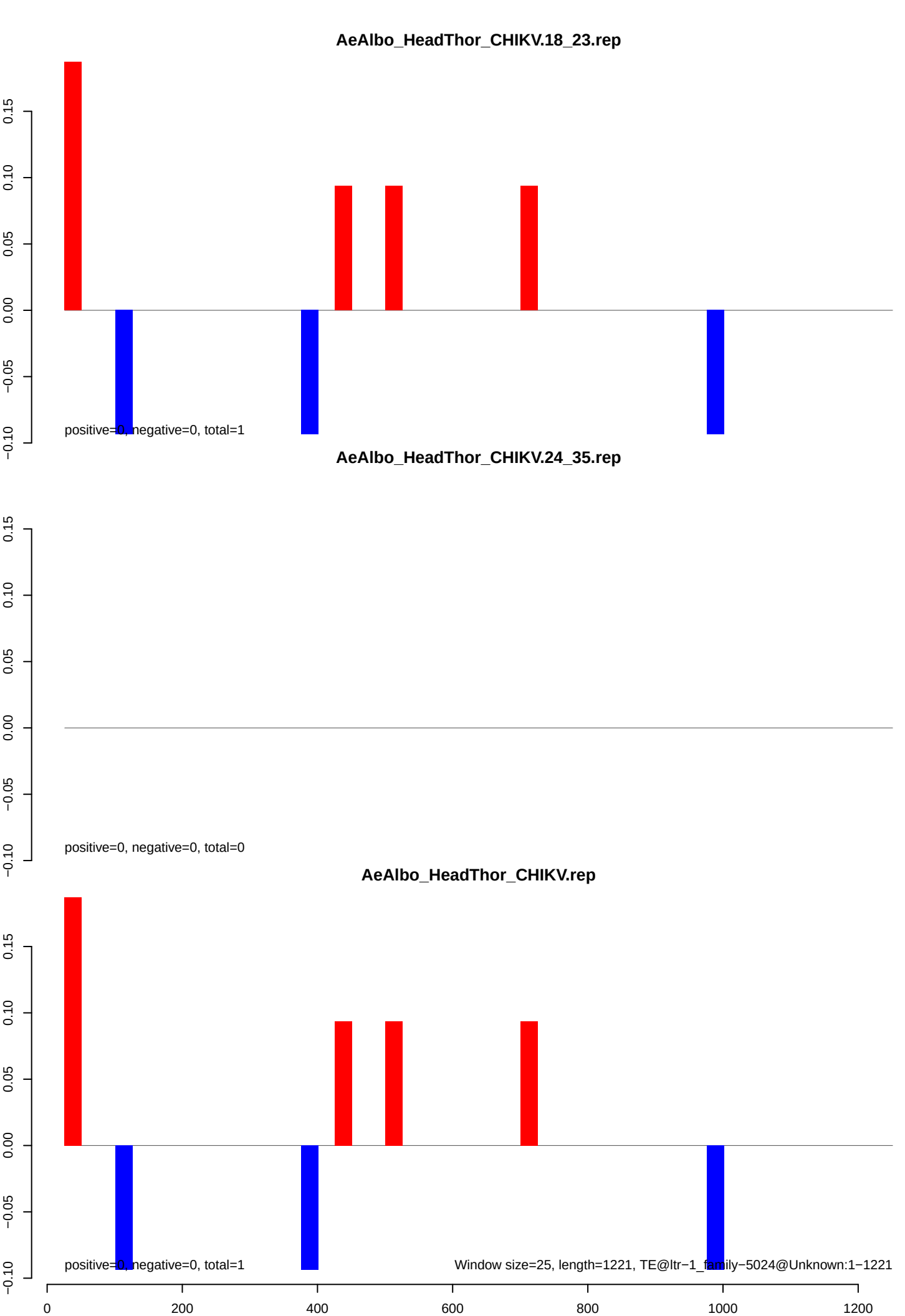

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=1642, TE@ltr−1_family−5154@LTR_Gypsy:1−1642
0
500
1000
1500

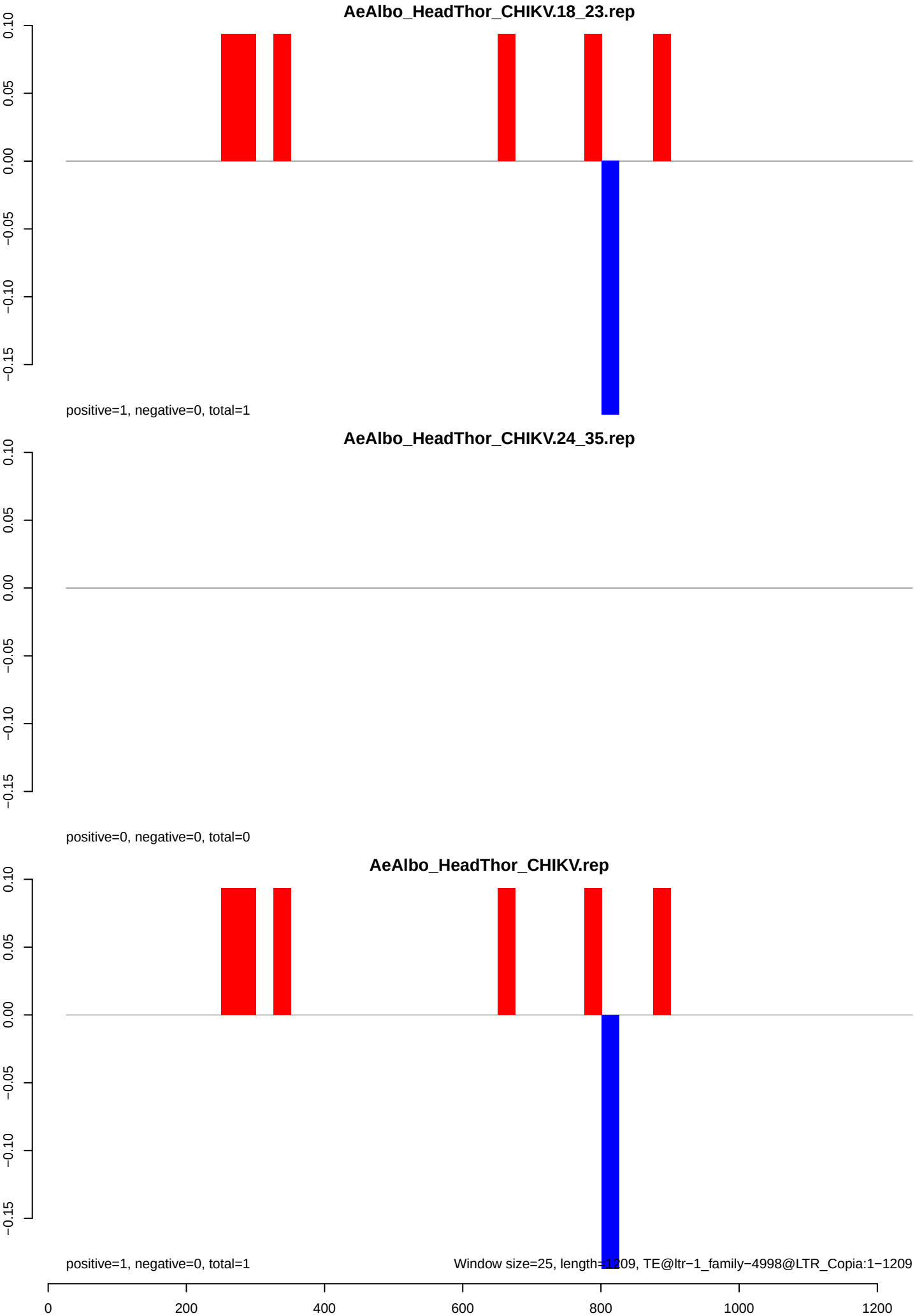

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=1971, TE@ltr−1_family−5136@Unknown:1−1971
0
500
1000
1500
2000

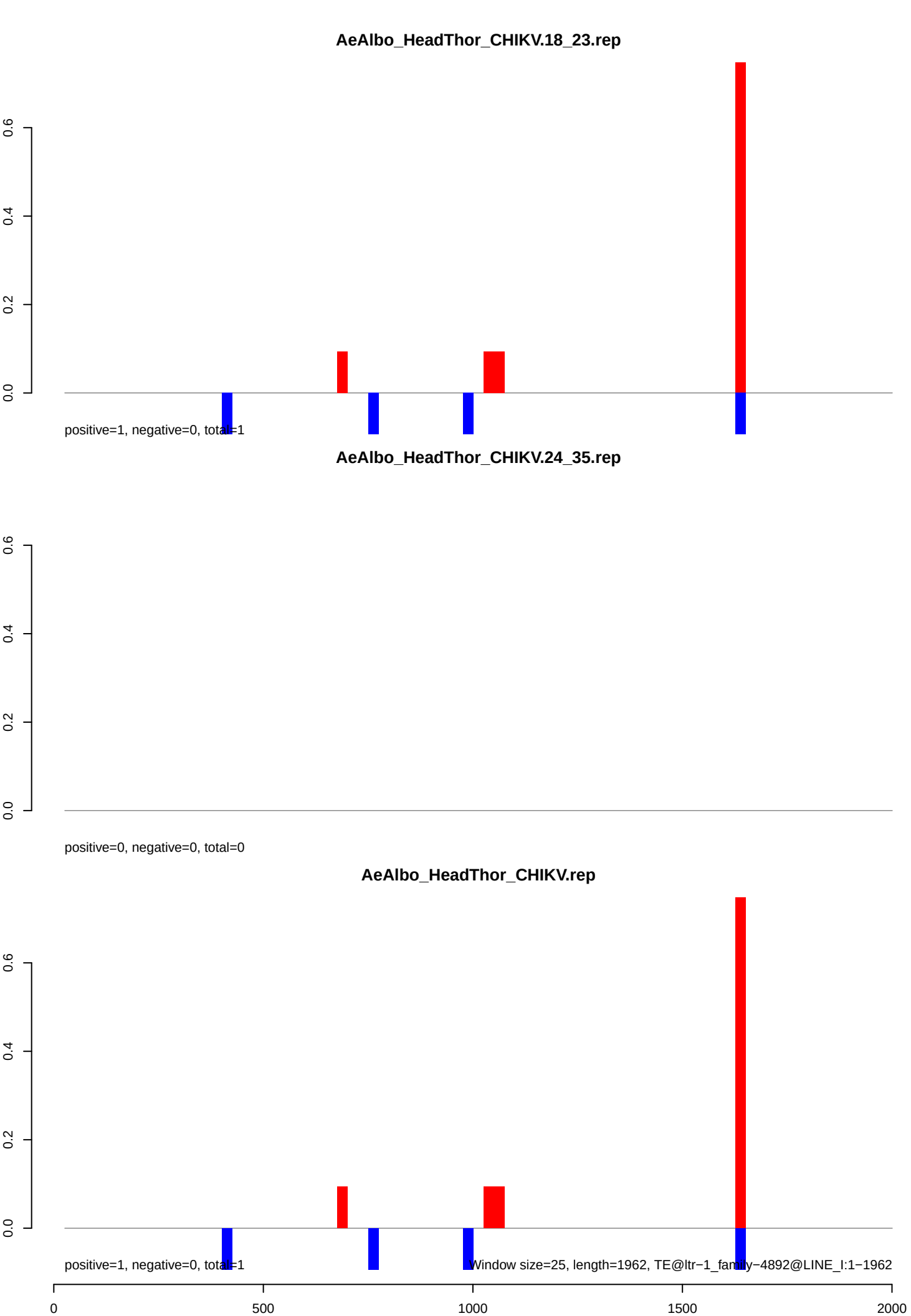

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1

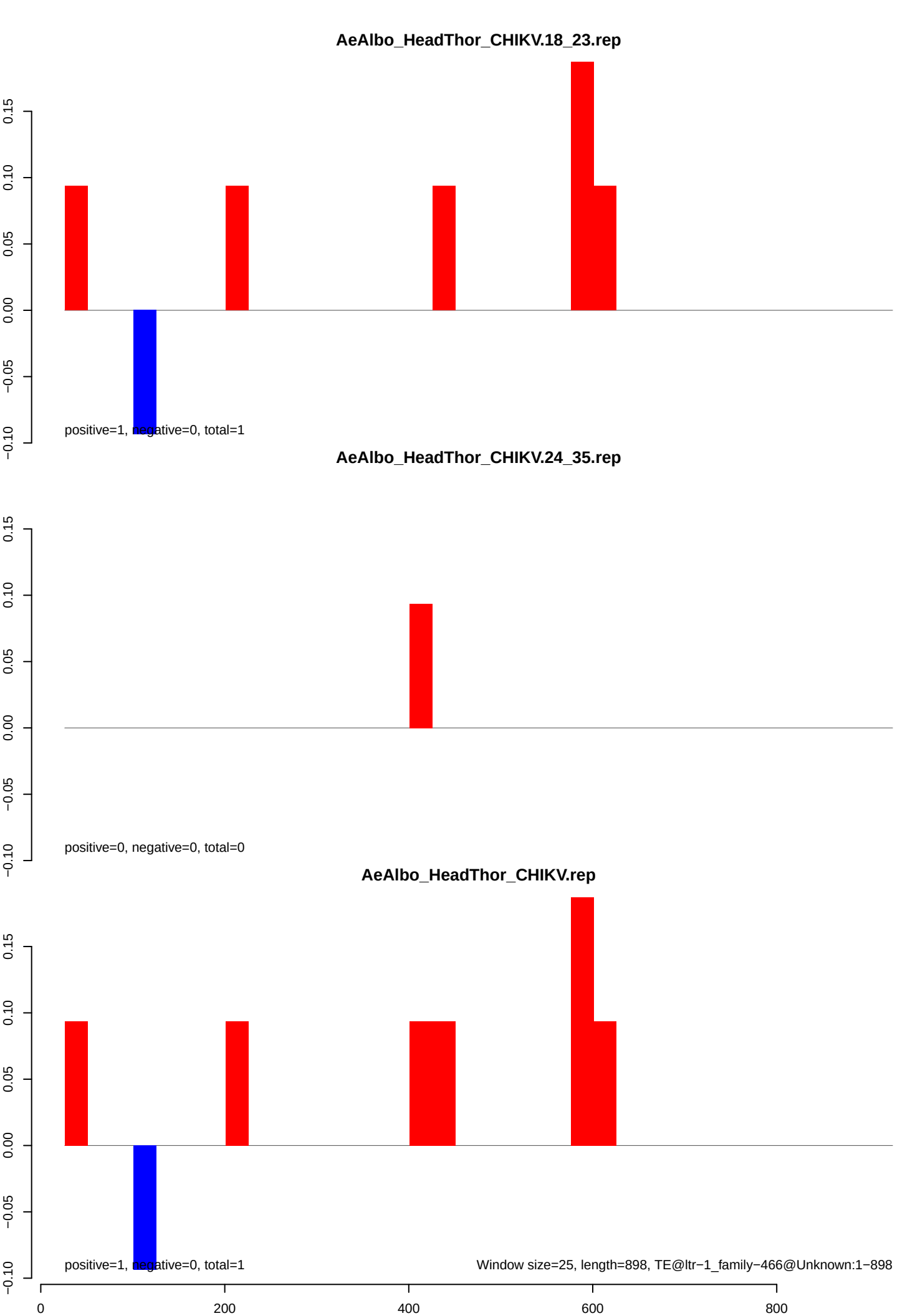

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

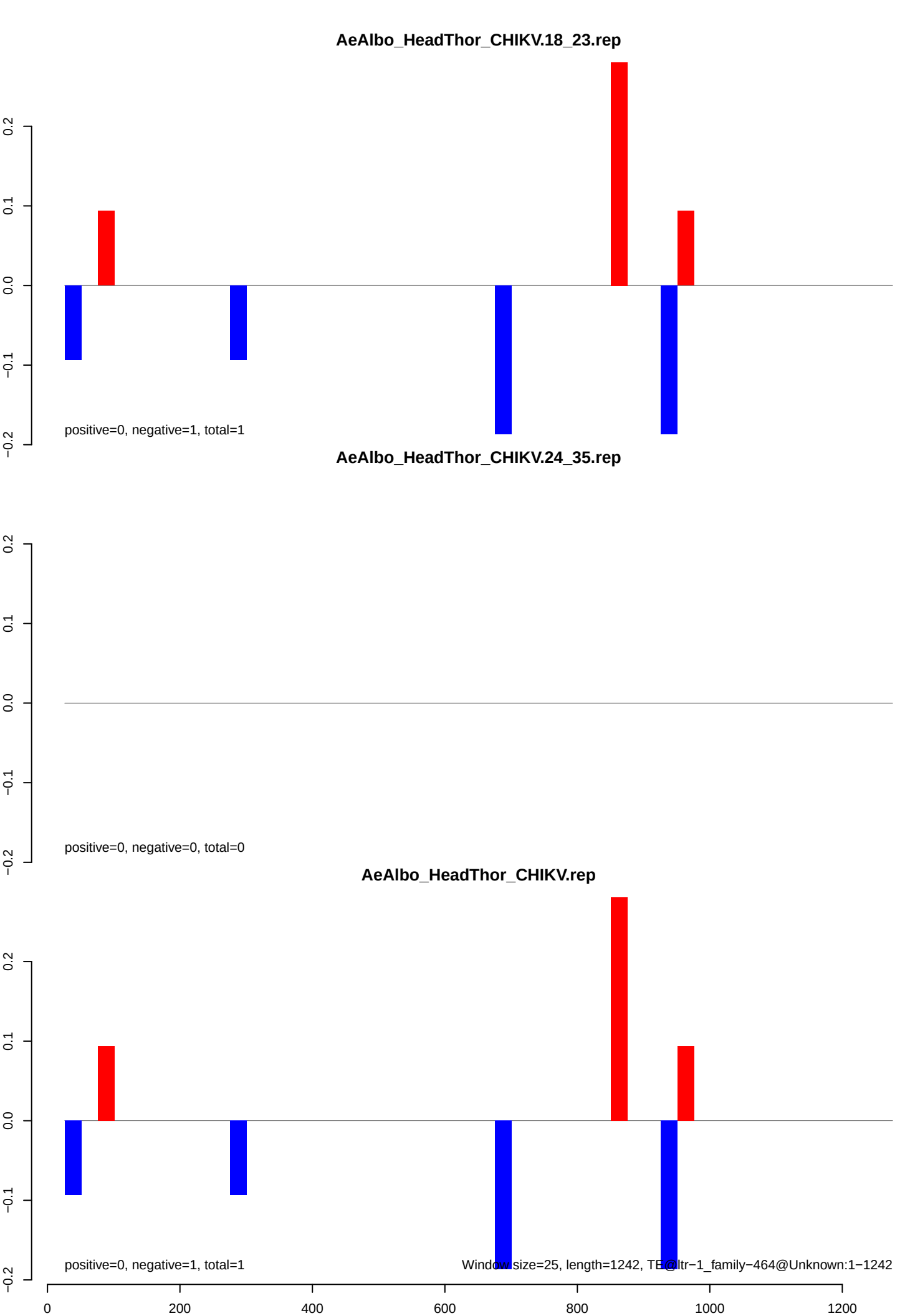

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=1157, TE@ltr−1_family−5091@LTR_Gypsy:1−1157
0
200
400
600
800
1000
1200

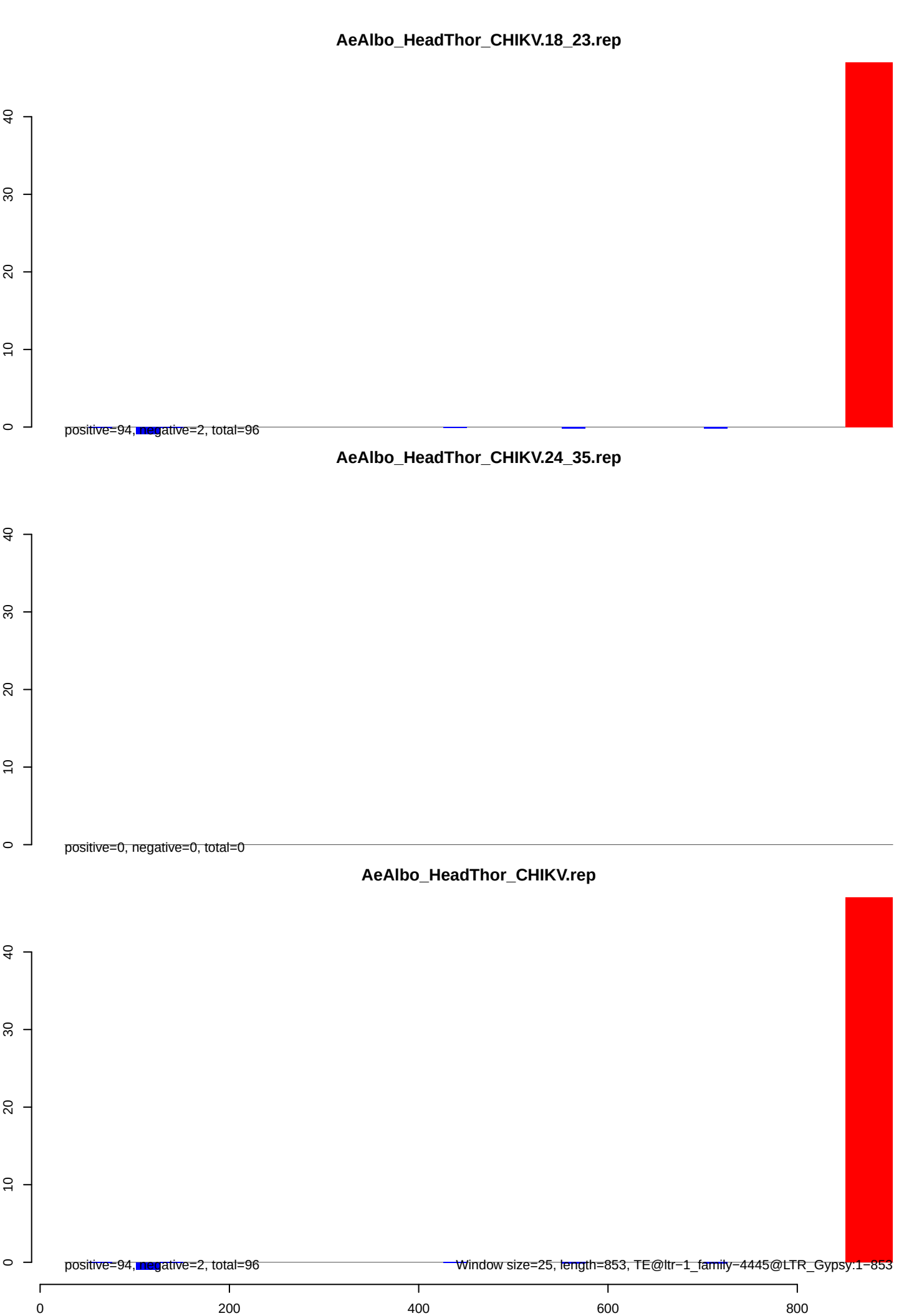

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1221, TE@ltr−1_family−5024@Unknown:1−1221
0
200
400
600
800
1000
1200

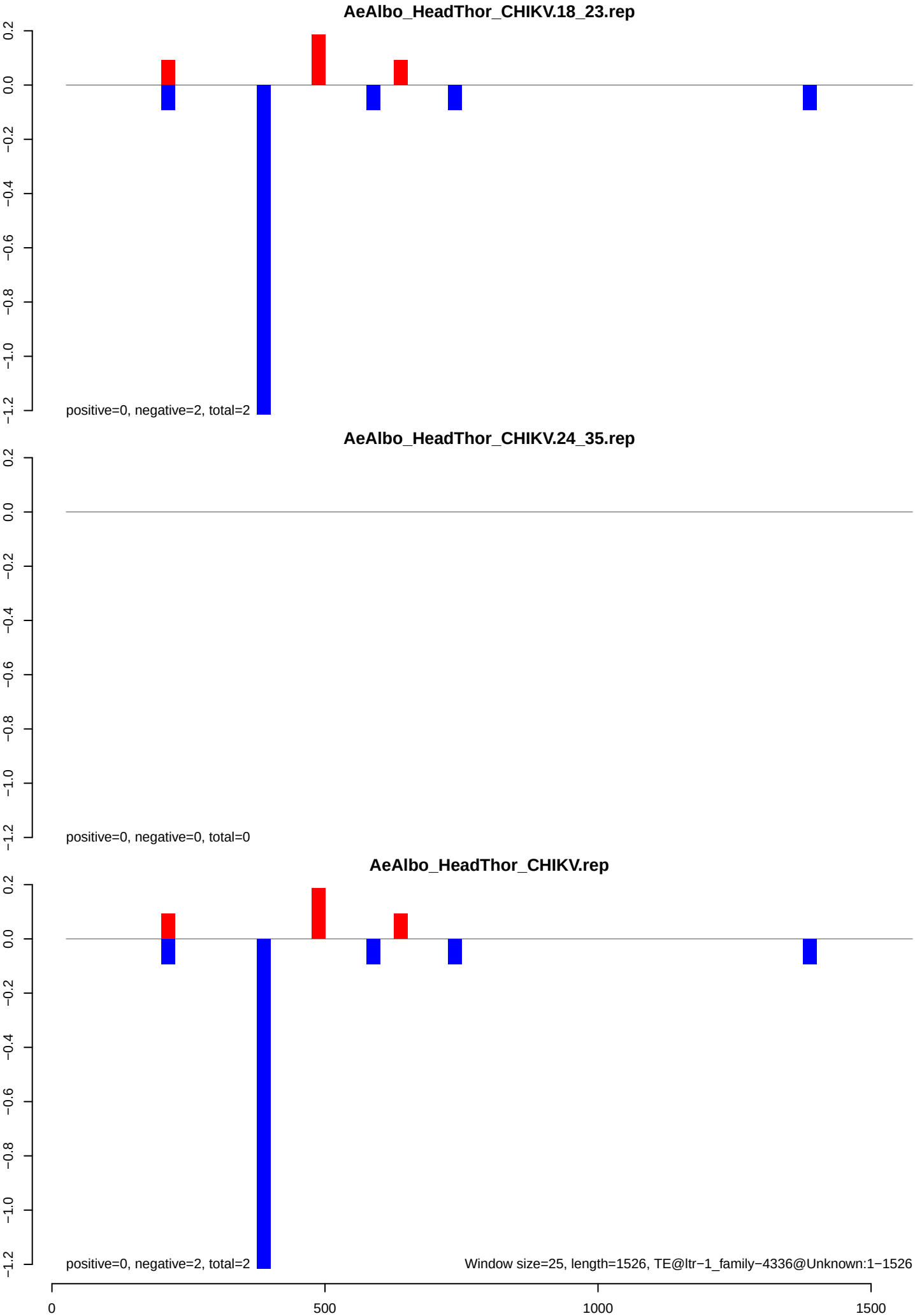

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=1, negative=0, total=1
Window size=25, length=1209, TE@ltr−1_family−4998@LTR_Copia:1−1209
0
200
400
600
800
1000
1200

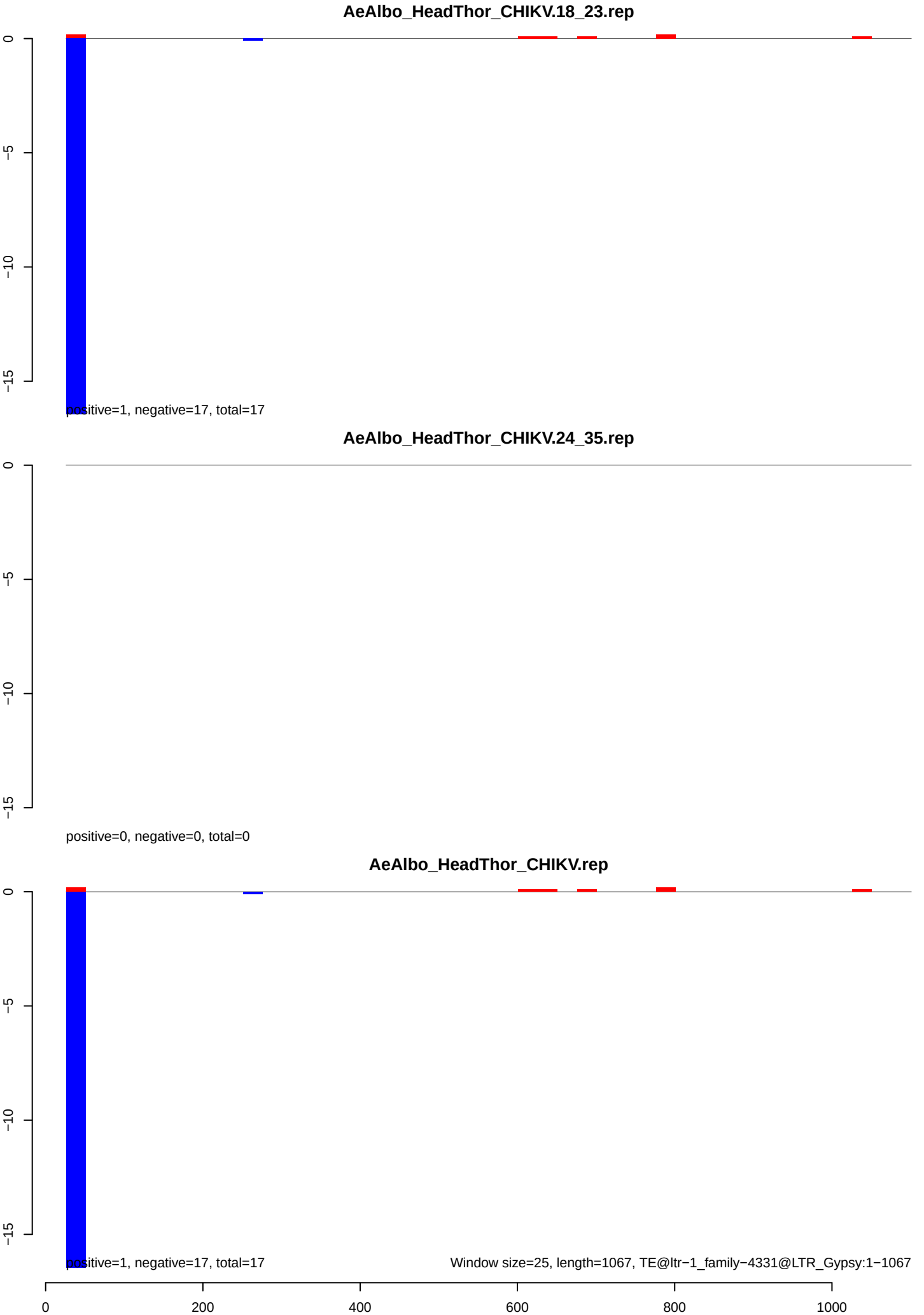

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=1962, TE@ltr−1_family−4892@LINE_I:1−1962
0
500
1000
1500
2000

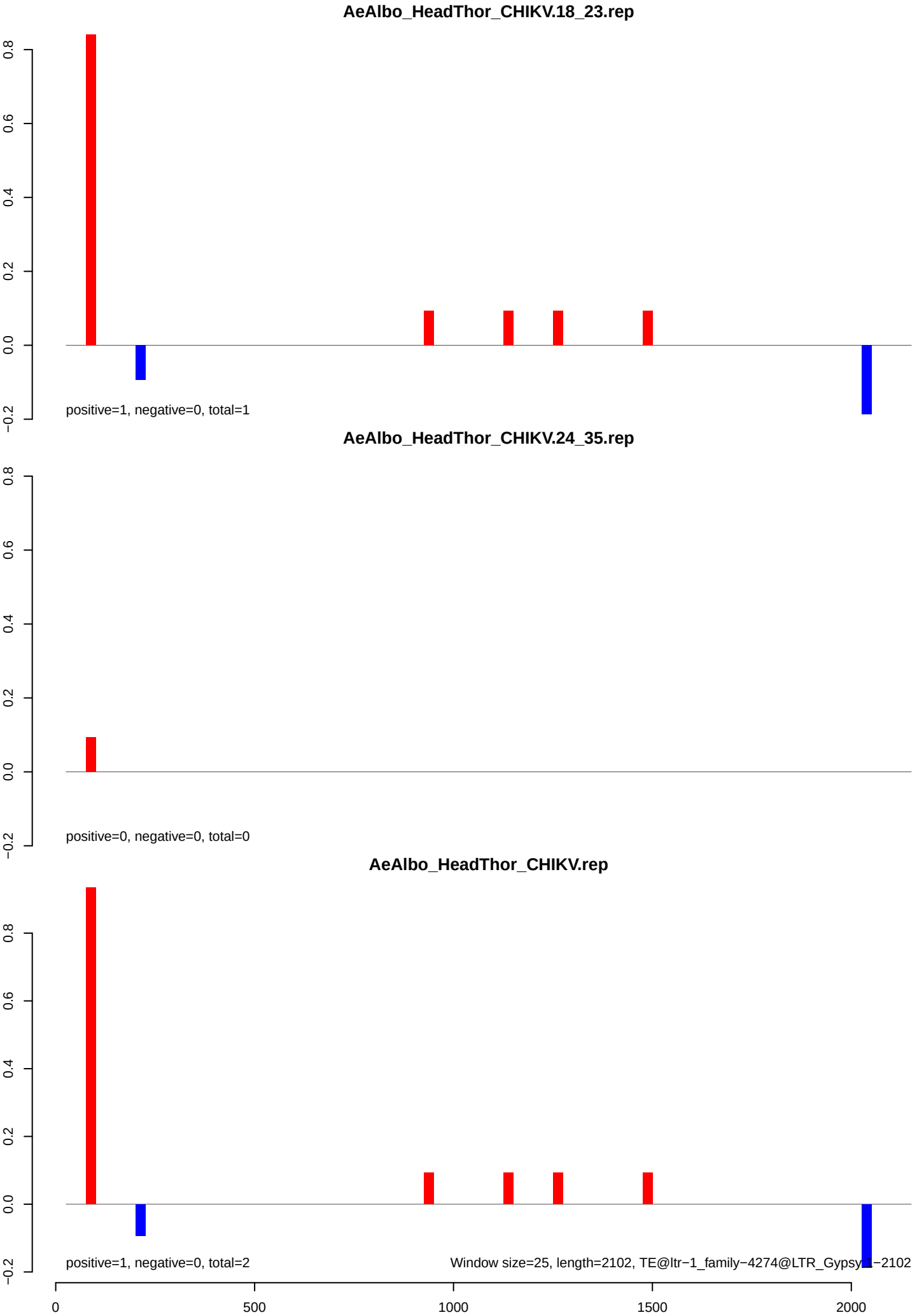

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=898, TE@ltr−1_family−466@Unknown:1−898
0
200
400
600
800

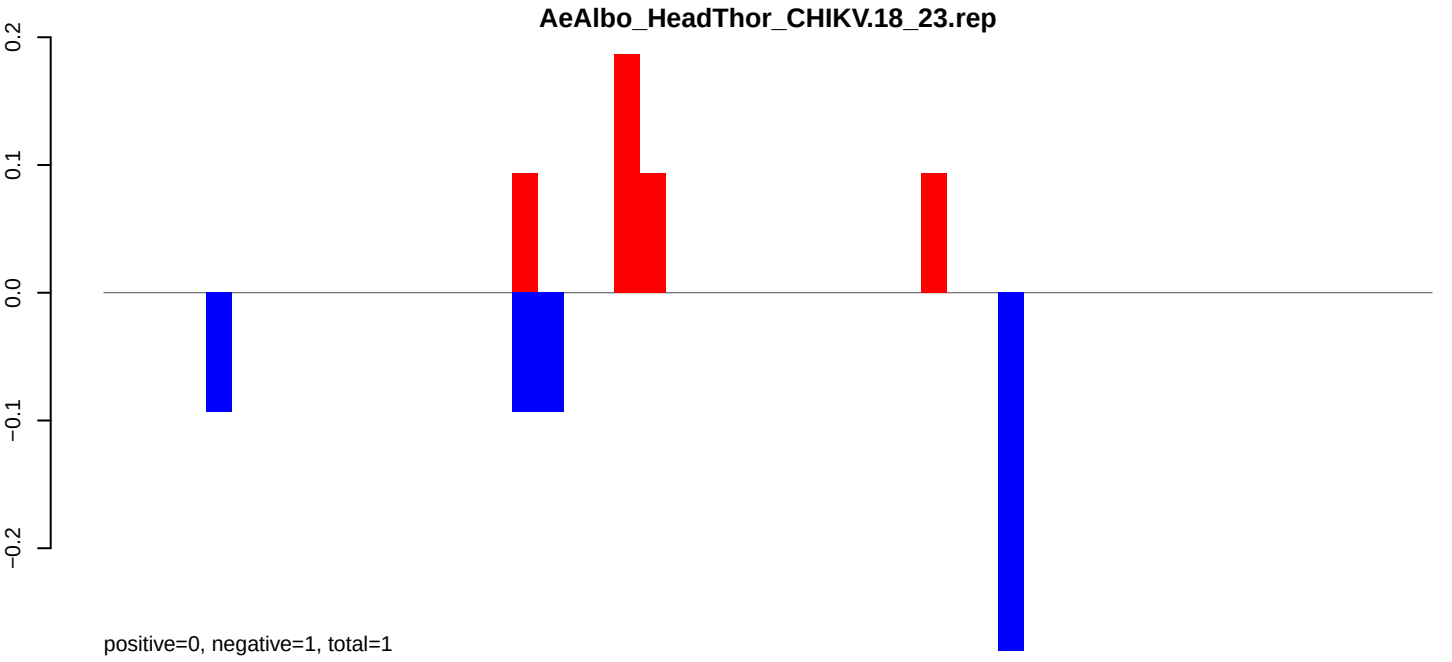

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=1242, TE@ltr−1_family−464@Unknown:1−1242
0
200
400
600
800
1000
1200


AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=94, negative=2, total=96
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=94, negative=2, total=96
Window size=25, length=853, TE@ltr−1_family−4445@LTR_Gypsy:1−853
0
200
400
600
800

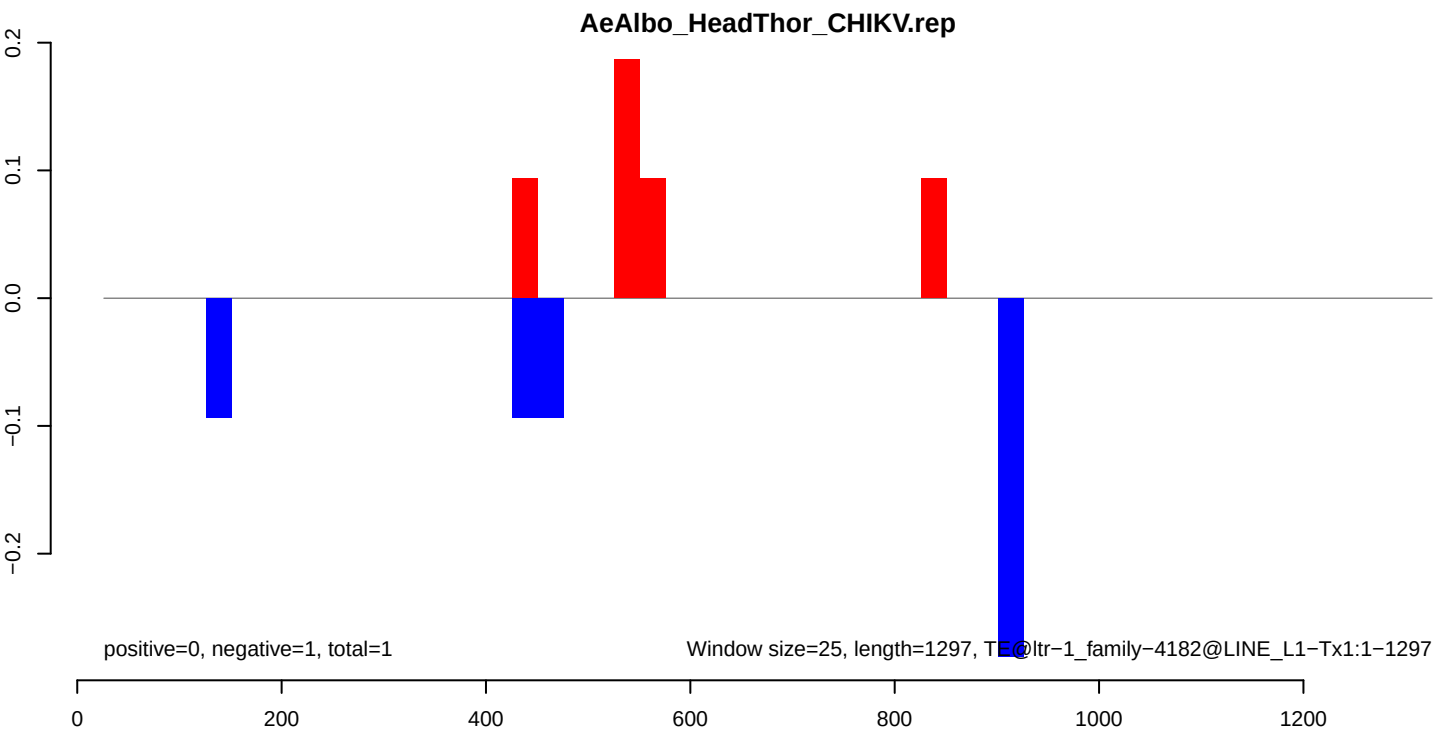

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=2, total=2
Window size=25, length=1526, TE@ltr−1_family−4336@Unknown:1−1526
0
500
1000
1500

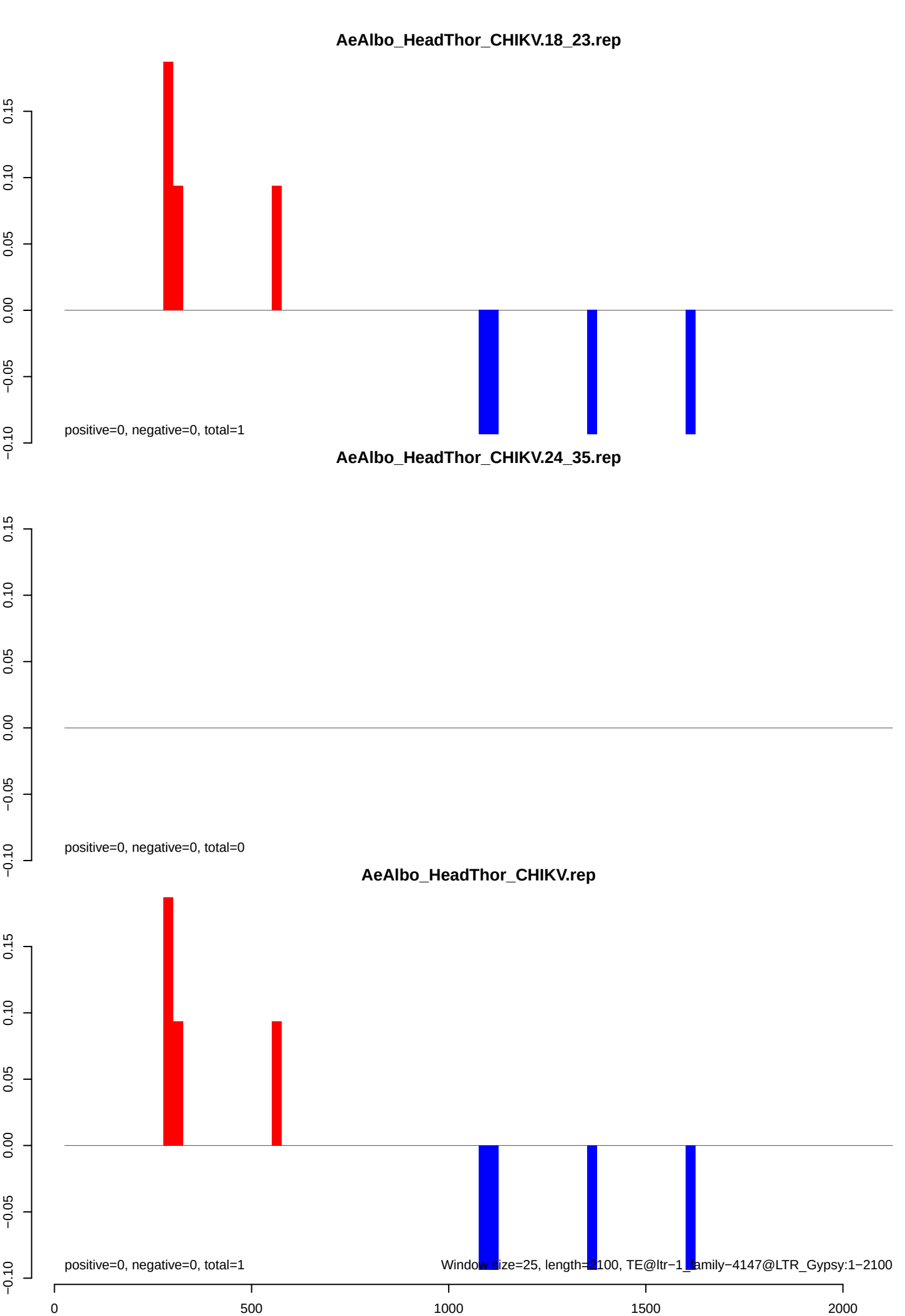

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=1, negative=17, total=17
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=17, total=17
Window size=25, length=1067, TE@ltr−1_family−4331@LTR_Gypsy:1−1067
0
200
400
600
800
1000

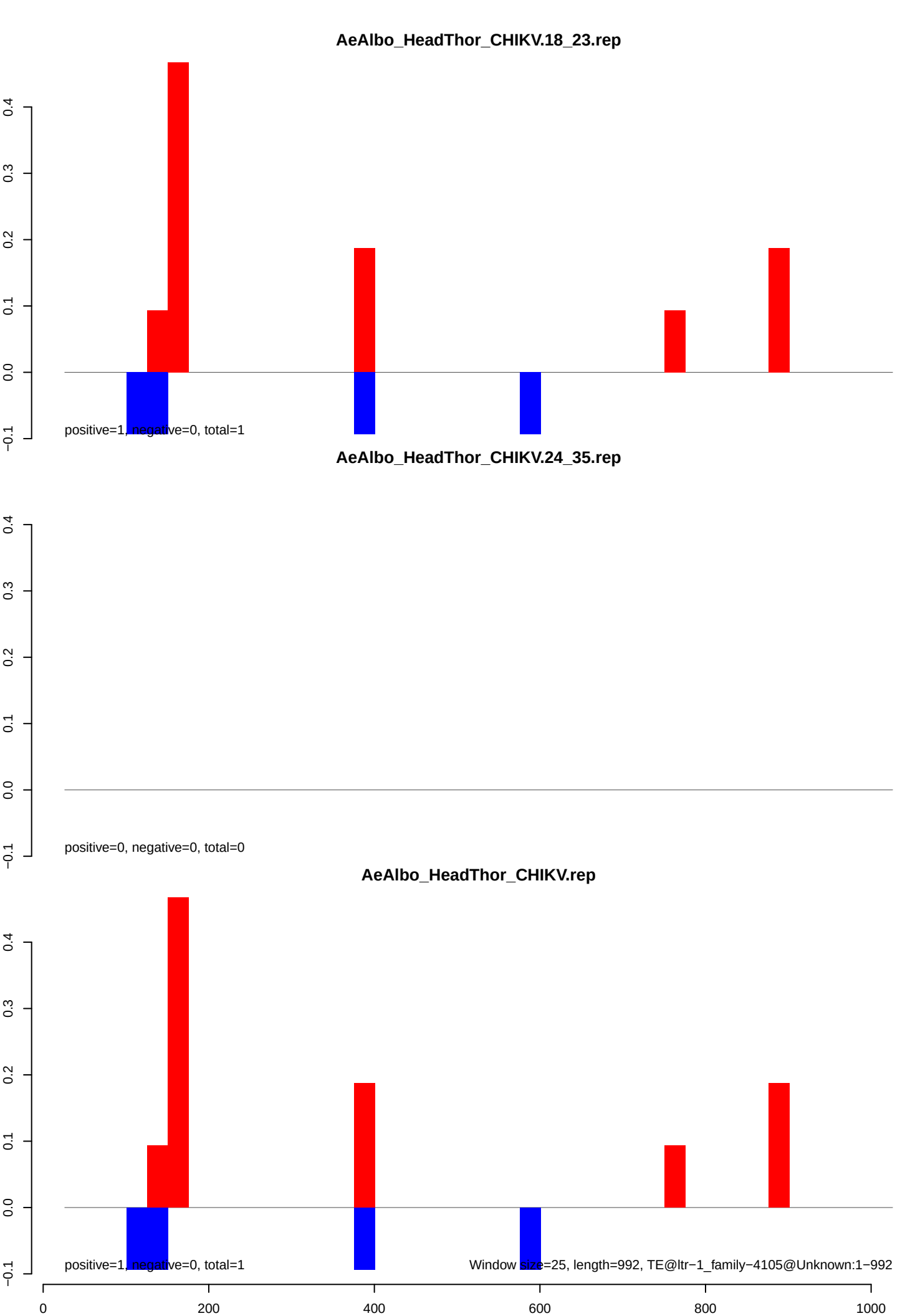

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
Window size=25, length=2102, TE@ltr−1_family−4274@LTR_Gypsy−1−2102
0
500
1000
1500
2000

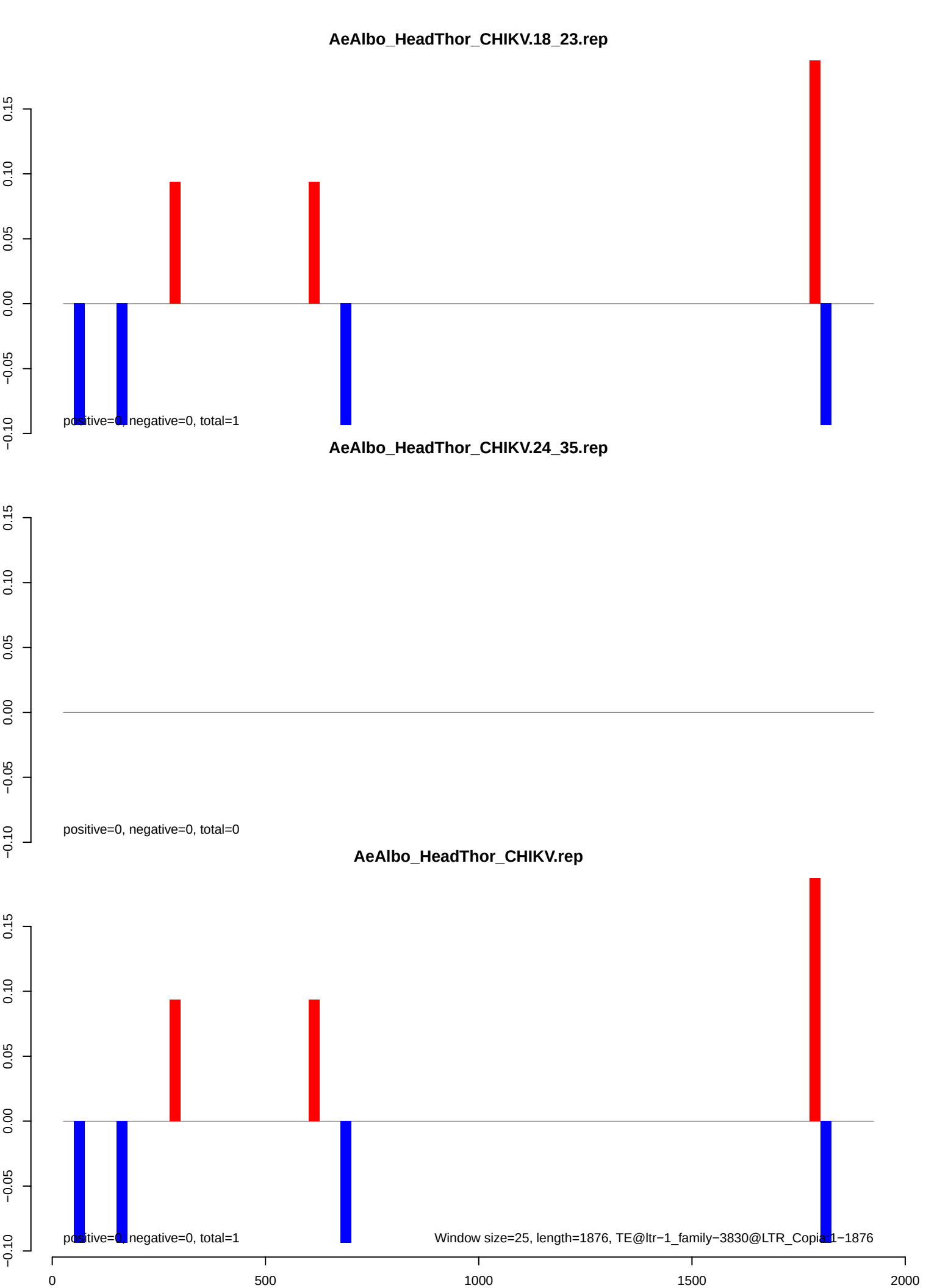

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

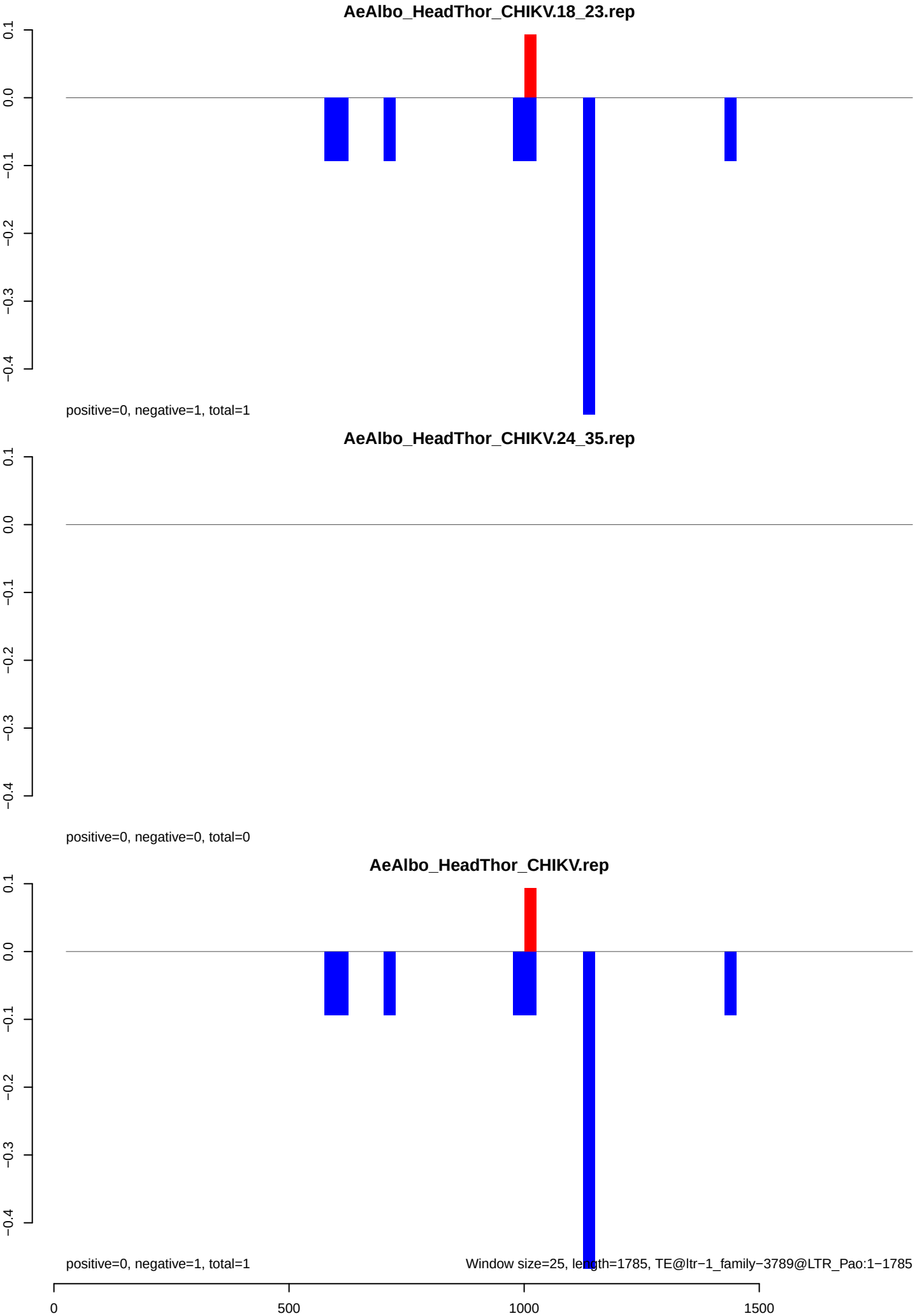
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

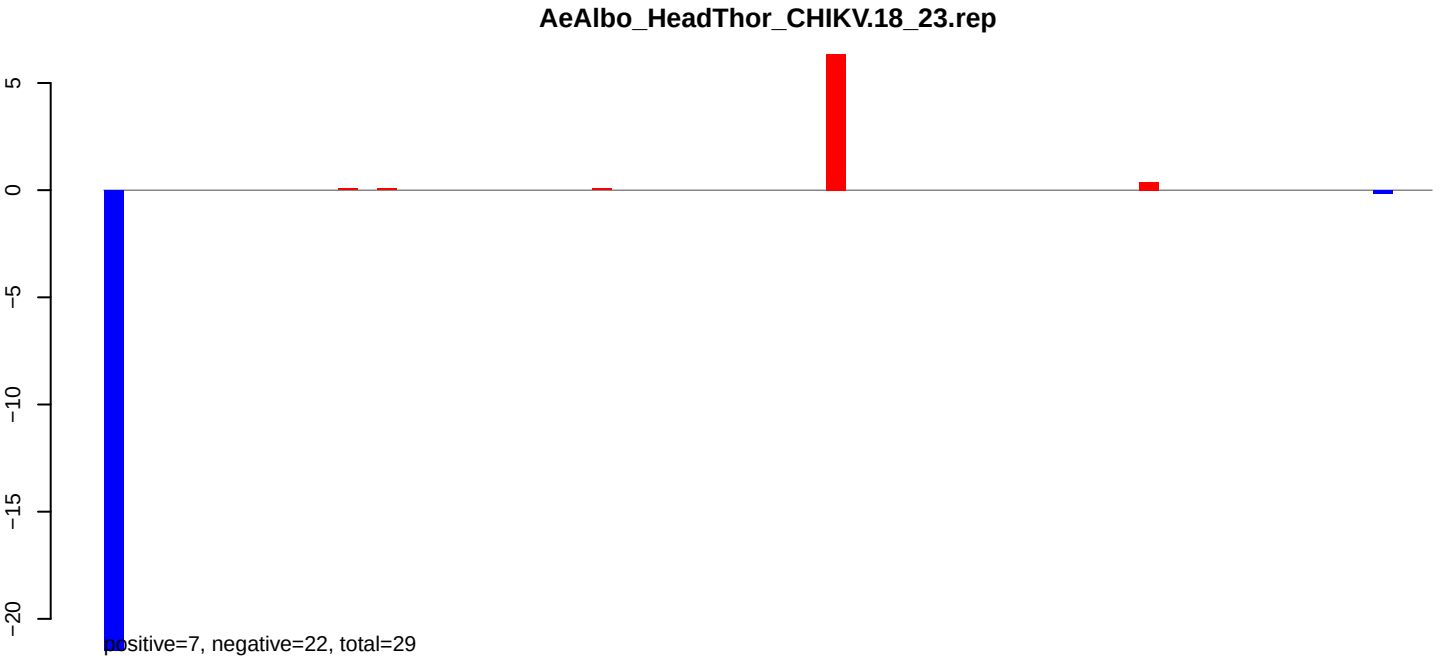

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=1297, TE@ltr−1_family−4182@LINE_L1−Tx1:1−1297
0
200
400
600
800
1000
1200

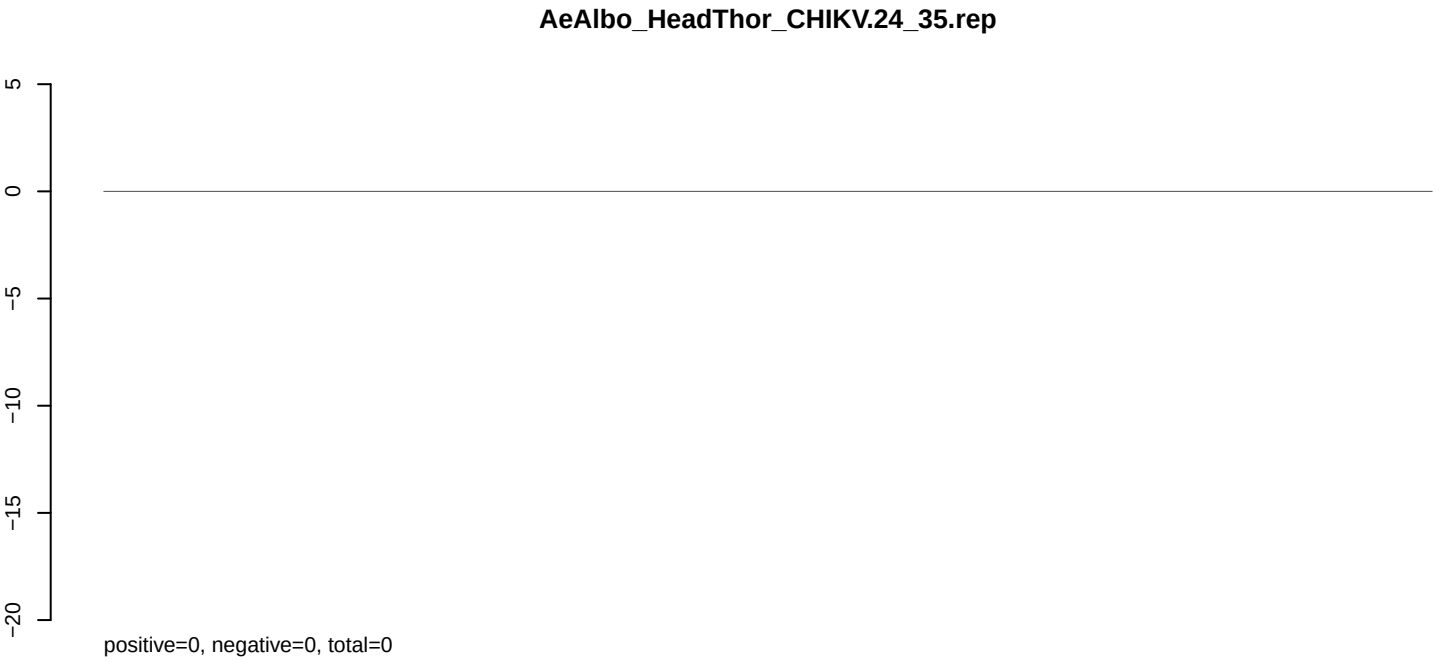

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=2100, TE@ltr−1_family−4147@LTR_Gypsy:1−2100
0
500
1000
1500
2000

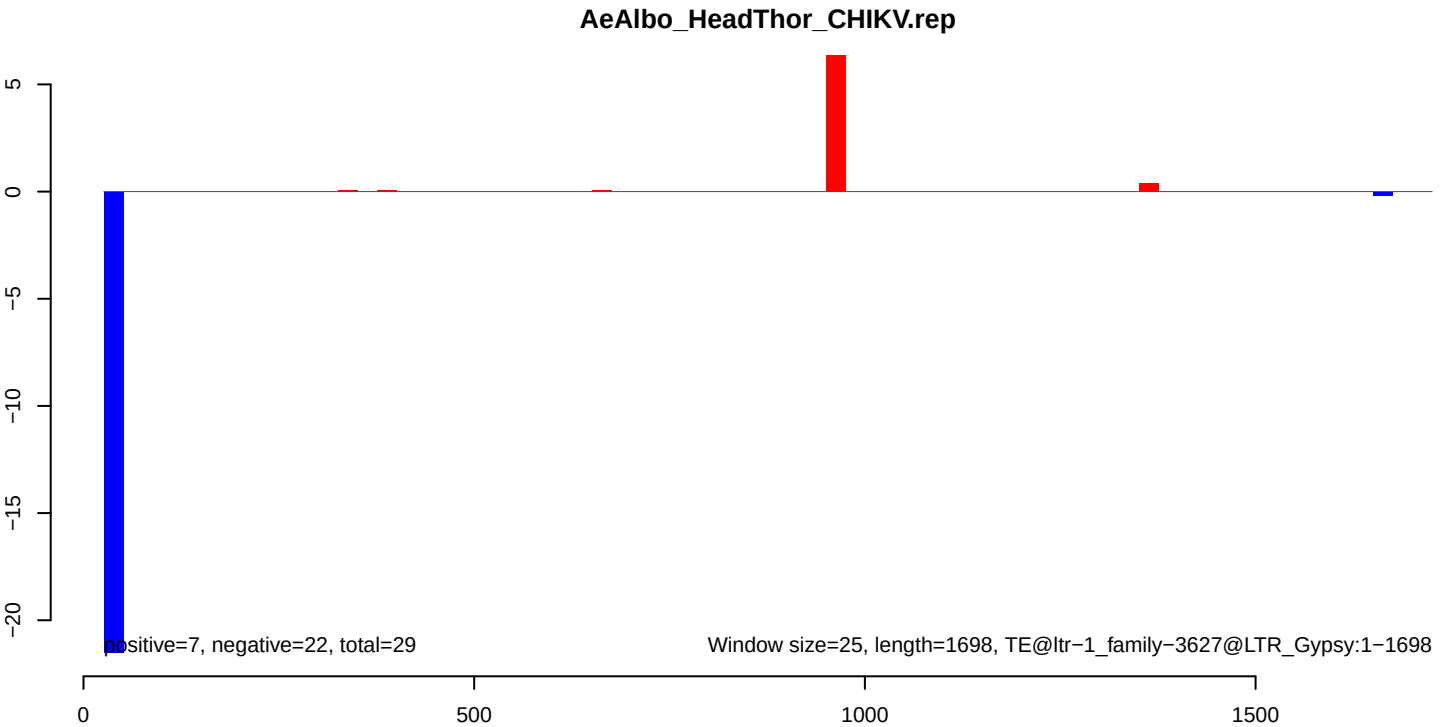

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=992, TE@ltr−1_family−4105@Unknown:1−992
0
200
400
600
800
1000

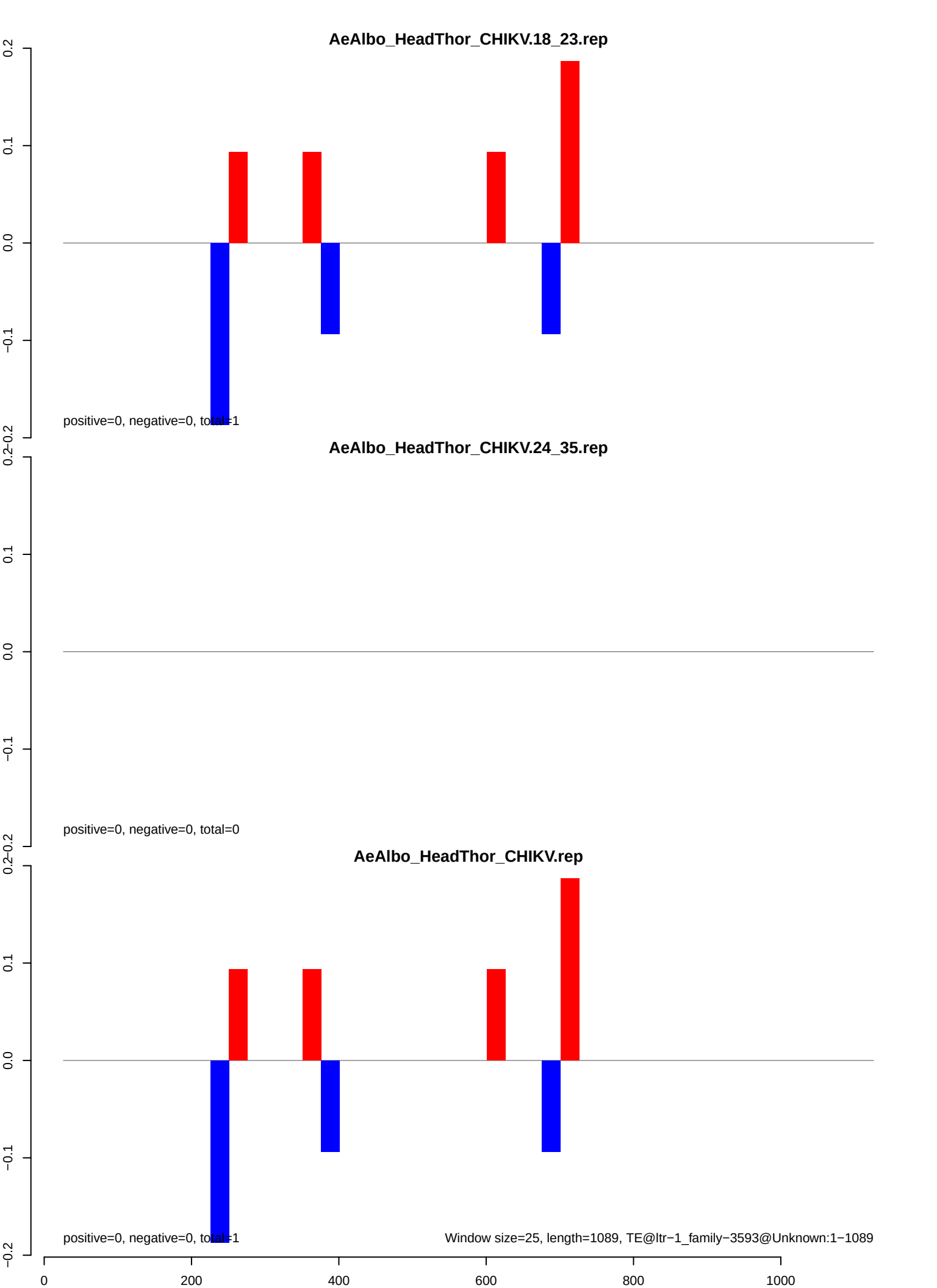

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1876, TE@ltr−1_family−3830@LTR_Copia:1−1876
0
500
1000
1500
2000

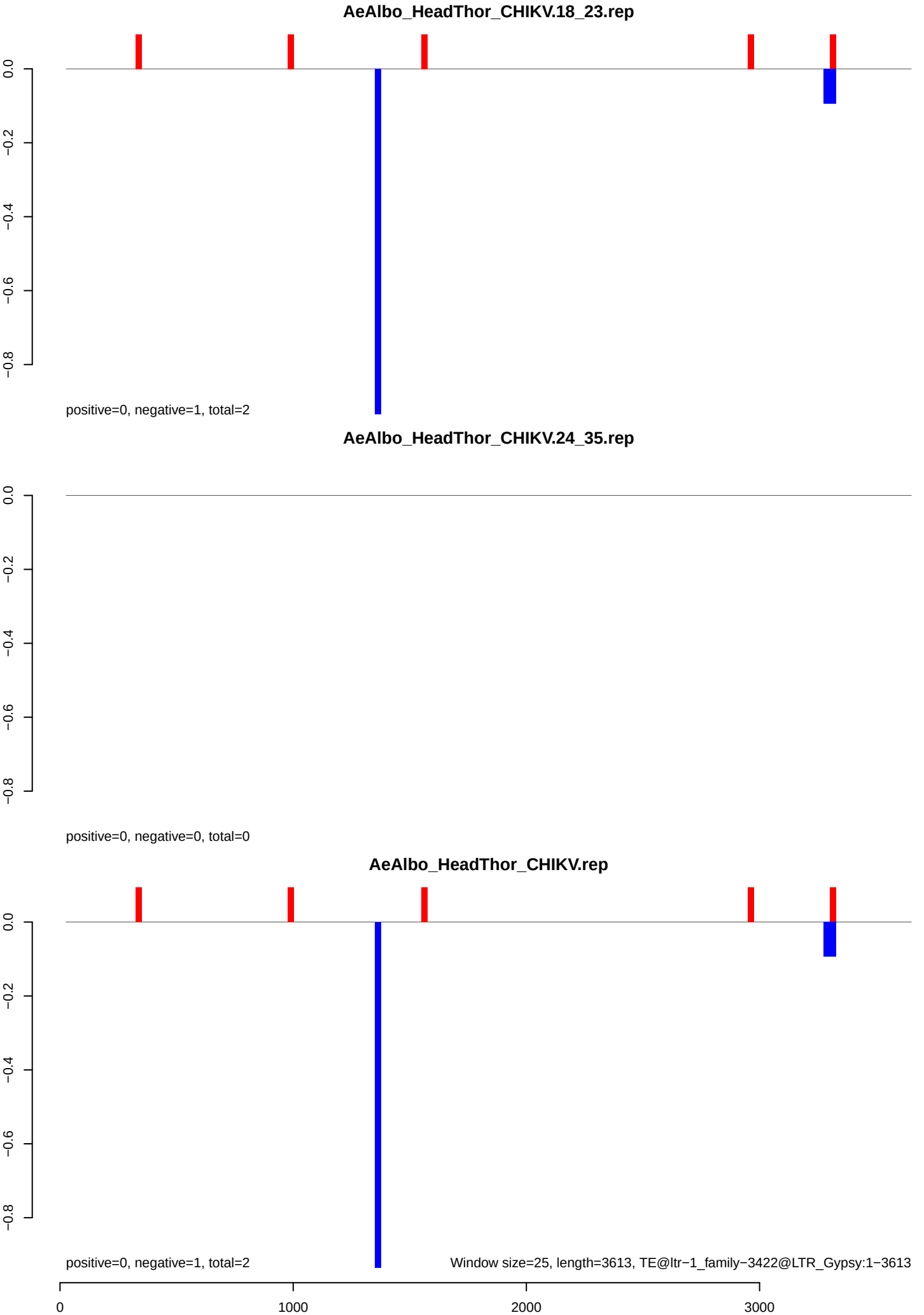

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1785, TE@ltr−1_family−3789@LTR_Pao:1−1785
0
500
1000
1500

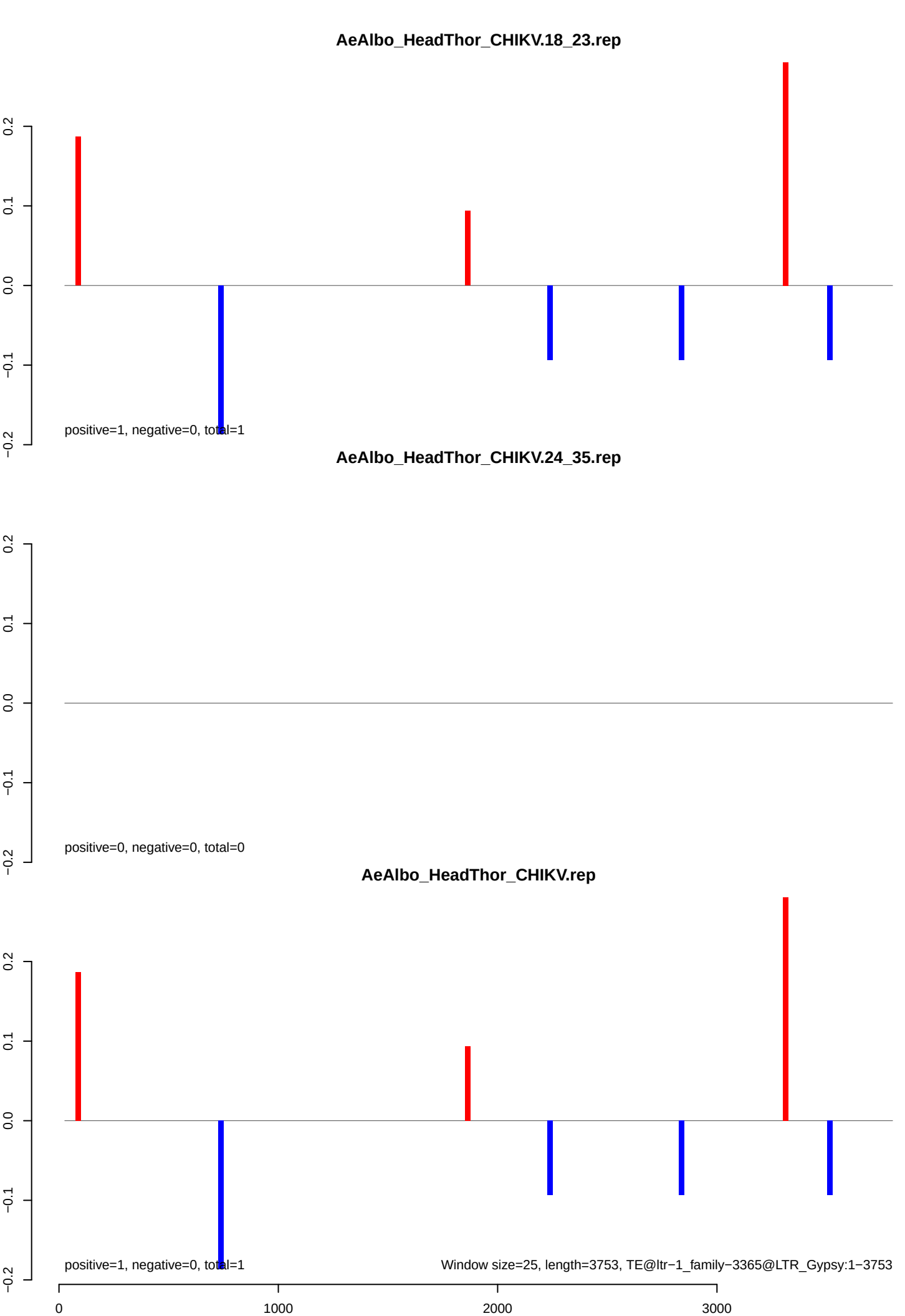

AeAlbo_HeadThor_CHIKV.18_23.rep
5
0
−5
−10
−15
−20
positive=7, negative=22, total=29

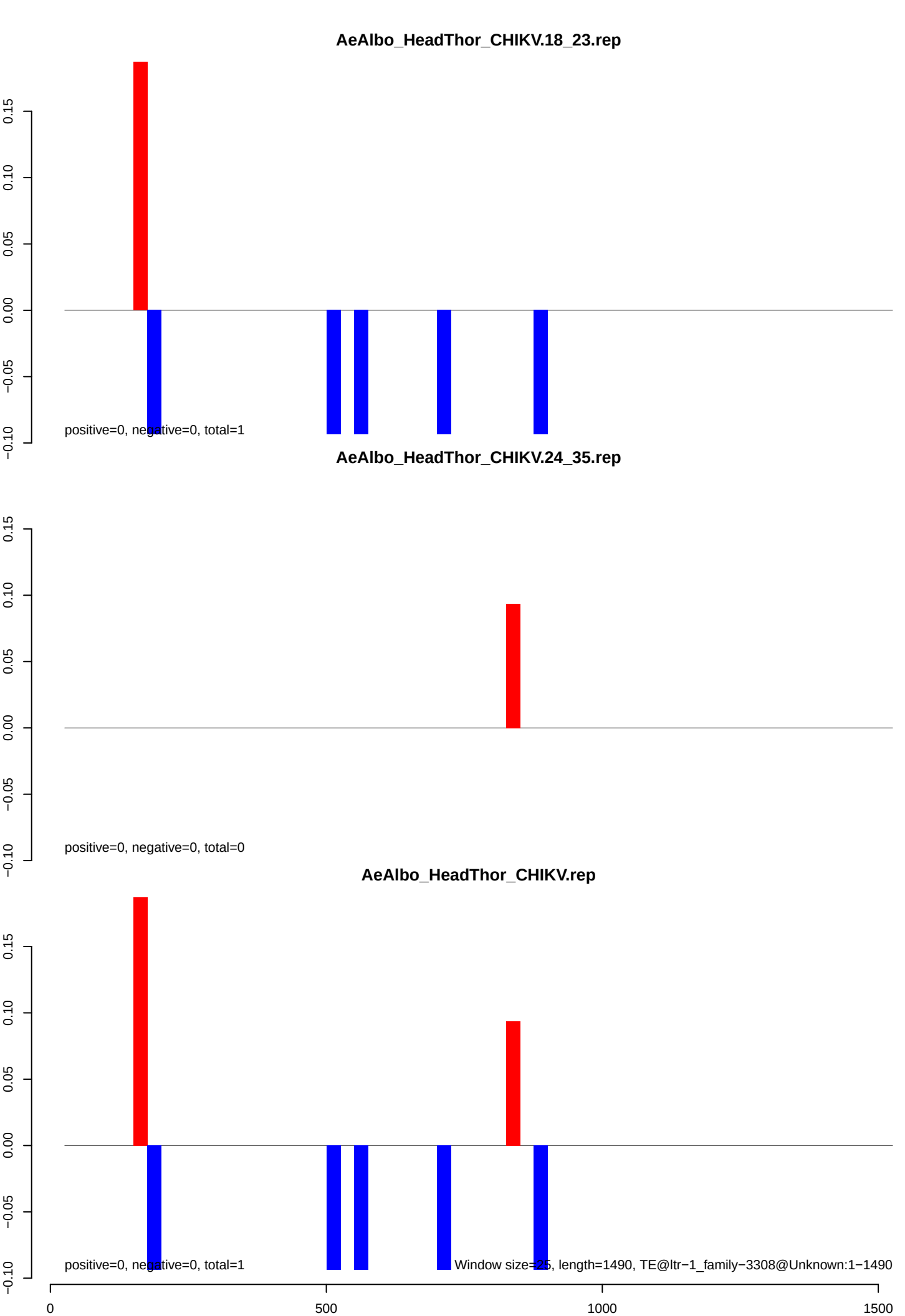

AeAlbo_HeadThor_CHIKV.24_35.rep
5
0
−5
−10
−15
−20
positive=0, negative=0, total=0

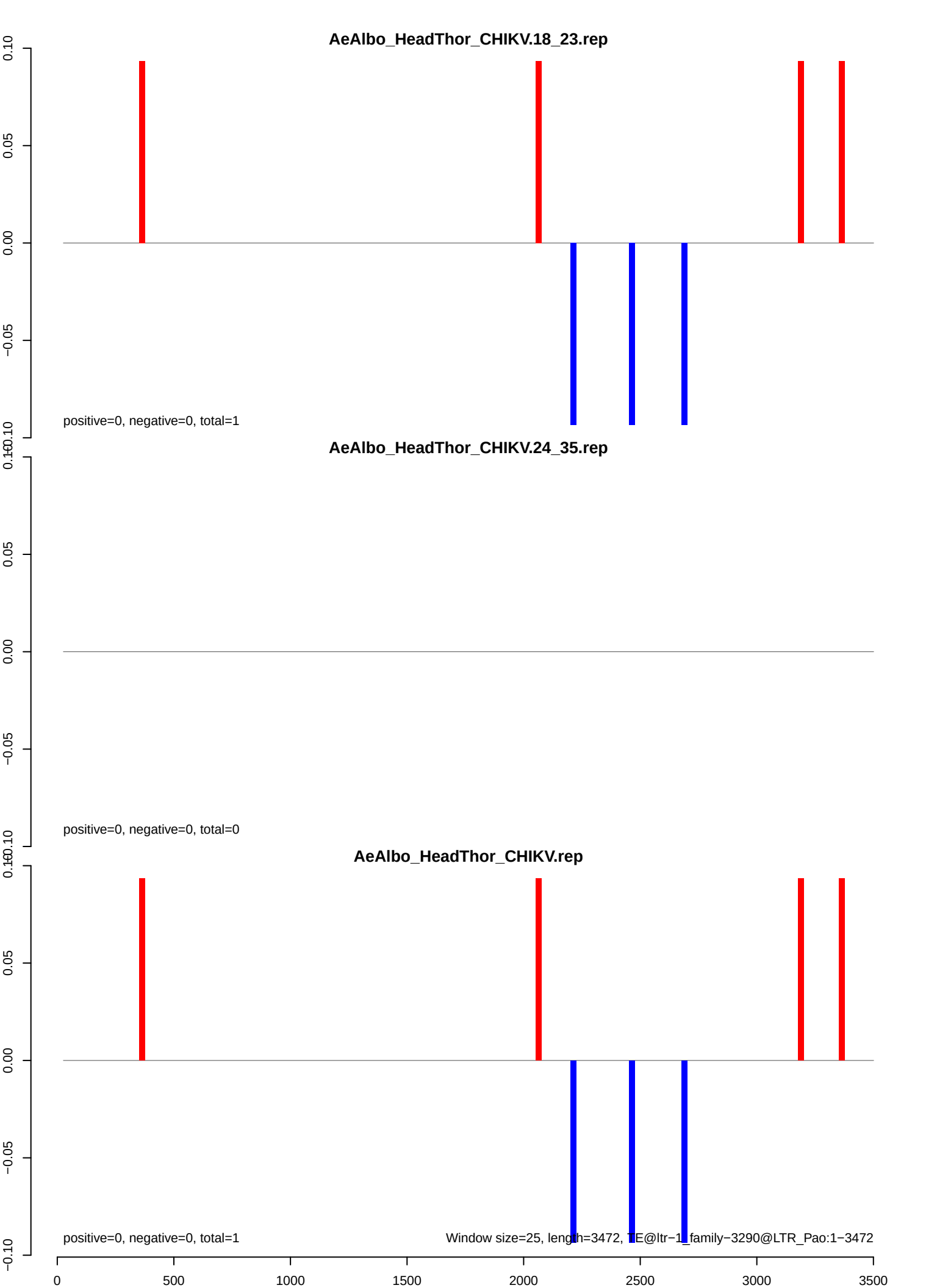

AeAlbo_HeadThor_CHIKV.rep
5
0
−5
−10
−15
−20
positive=7, negative=22, total=29
Window size=25, length=1698, TE@ltr−1_family−3627@LTR_Gypsy:1−1698
0
500
1000
1500

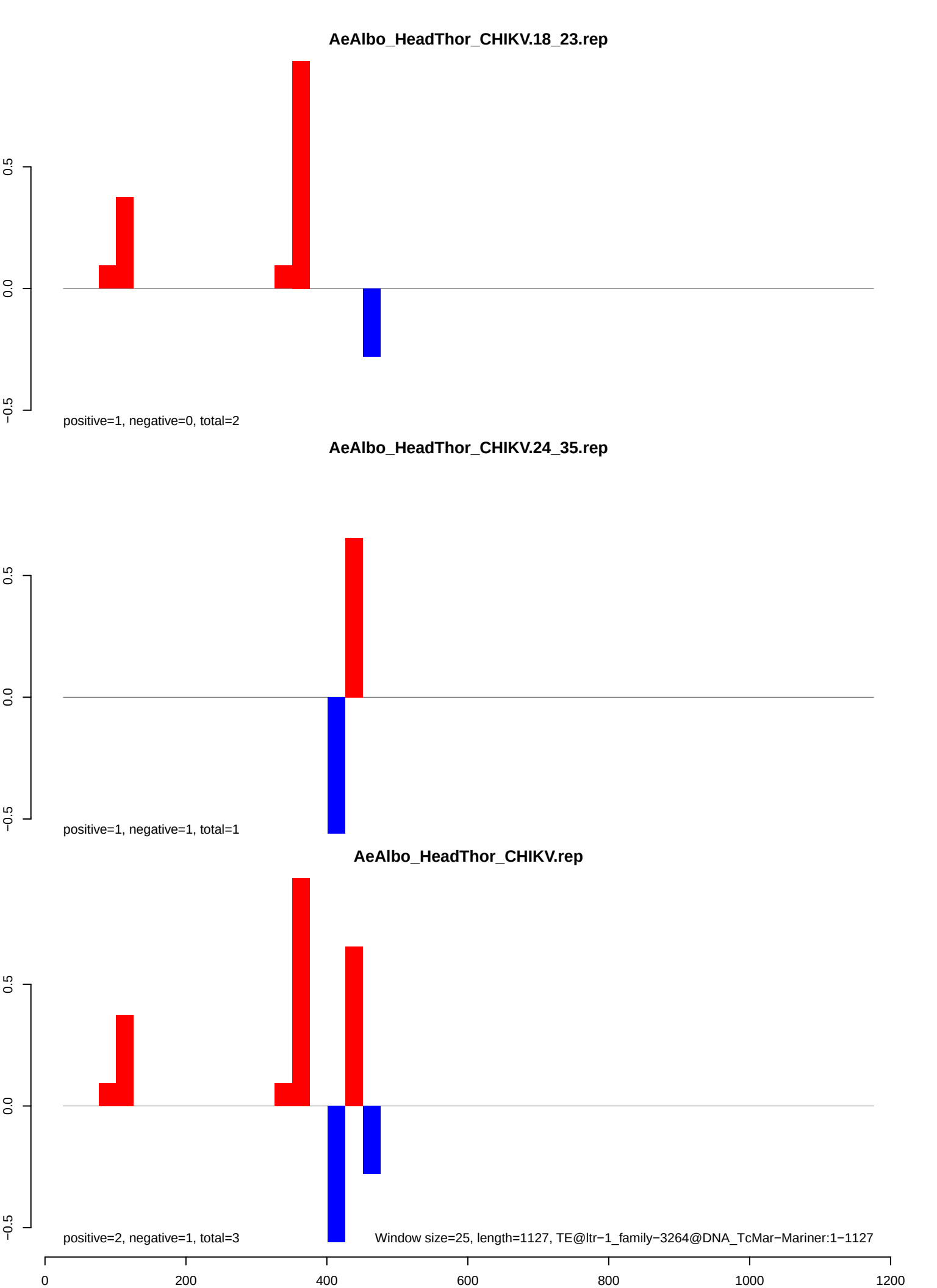

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=1089, TE@ltr−1_family−3593@Unknown:1−1089
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000

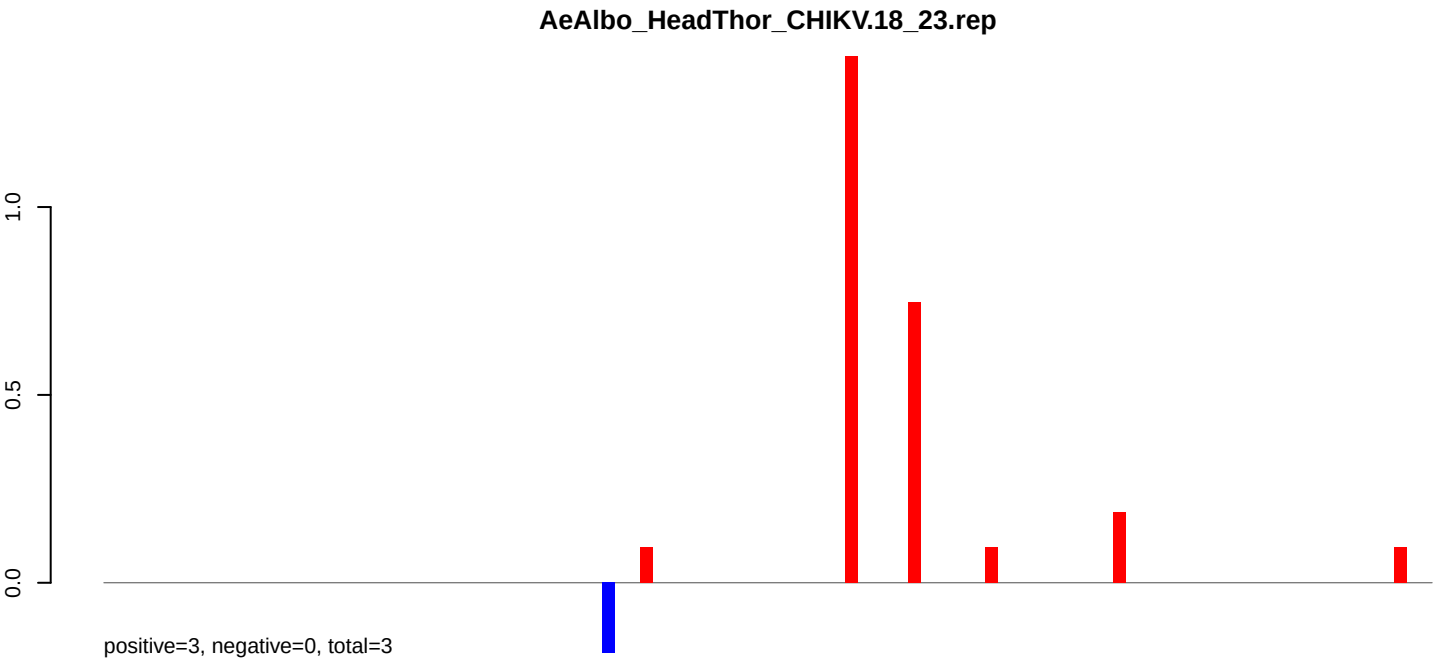

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=2
Window size=25, length=3613, TE@ltr−1_family−3422@LTR_Gypsy:1−3613
0
1000
2000
3000

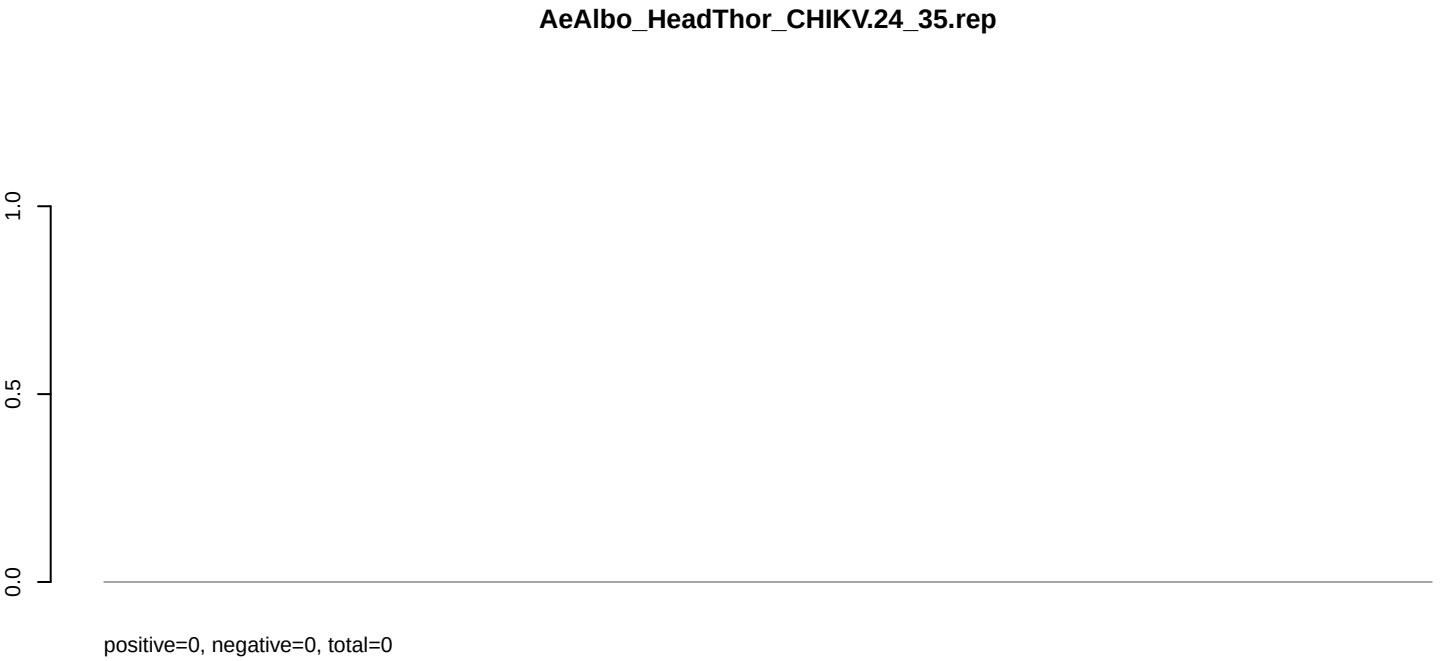

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=3753, TE@ltr−1_family−3365@LTR_Gypsy:1−3753
0
1000
2000
3000

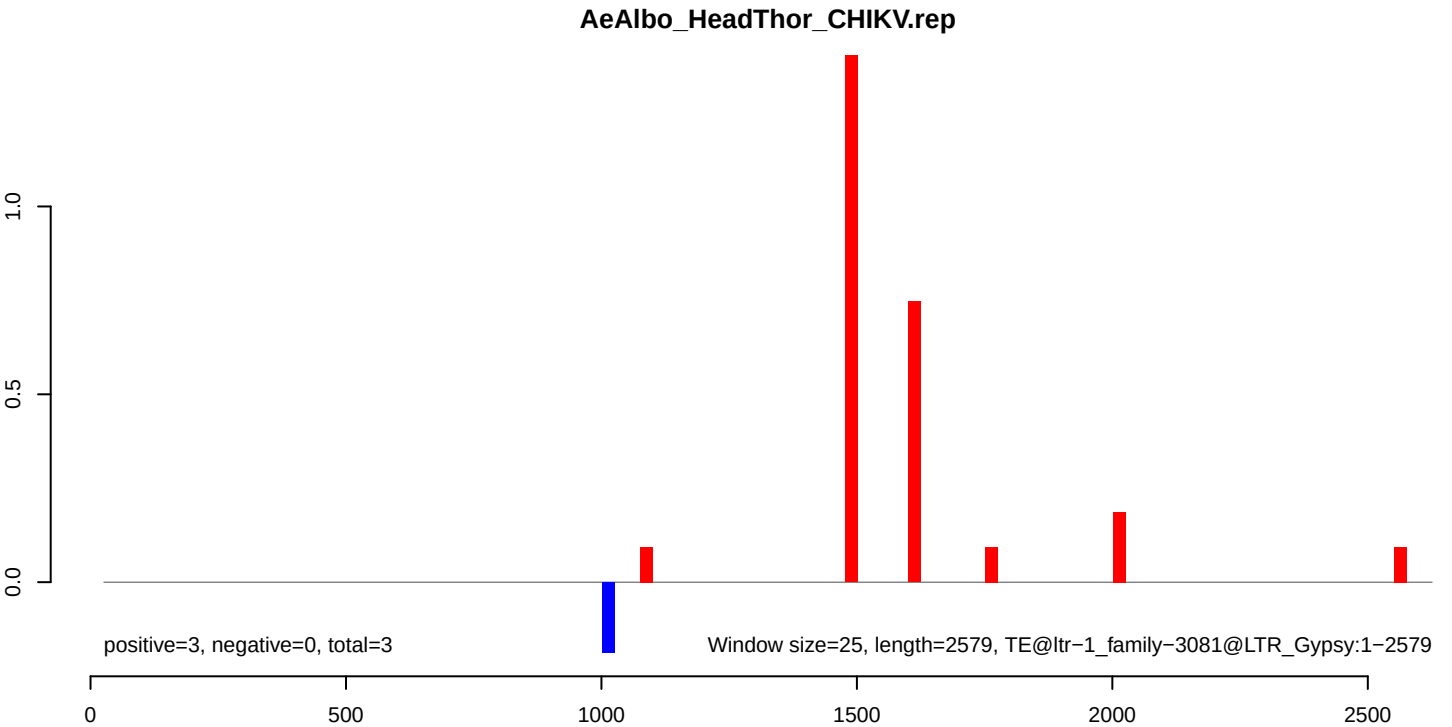

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1490, TE@ltr−1_family−3308@Unknown:1−1490
0
500
1000
1500

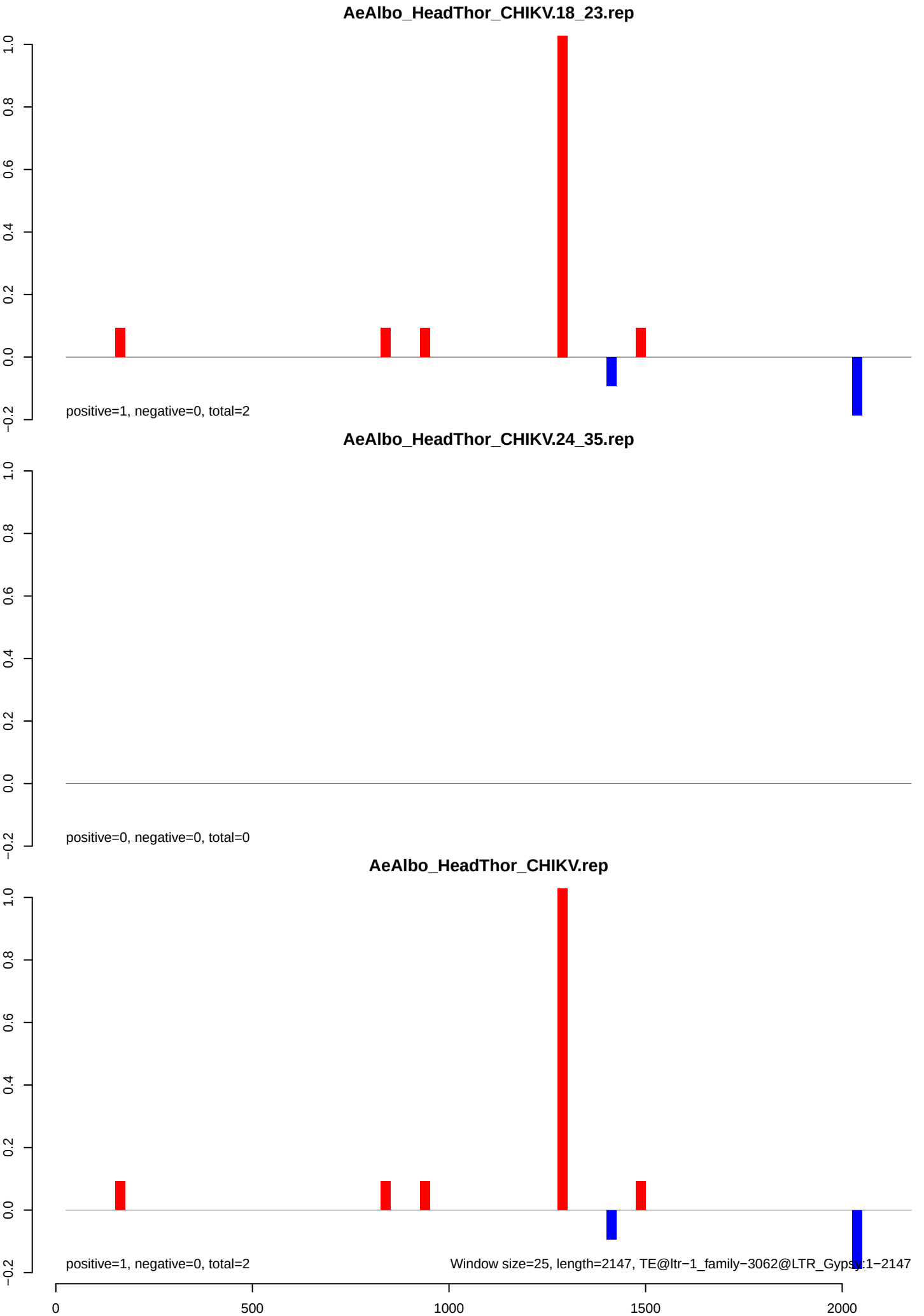

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=3472, TE@ltr−1_family−3290@LTR_Pao:1−3472
0
500
1000
1500
2000
2500
3000
3500

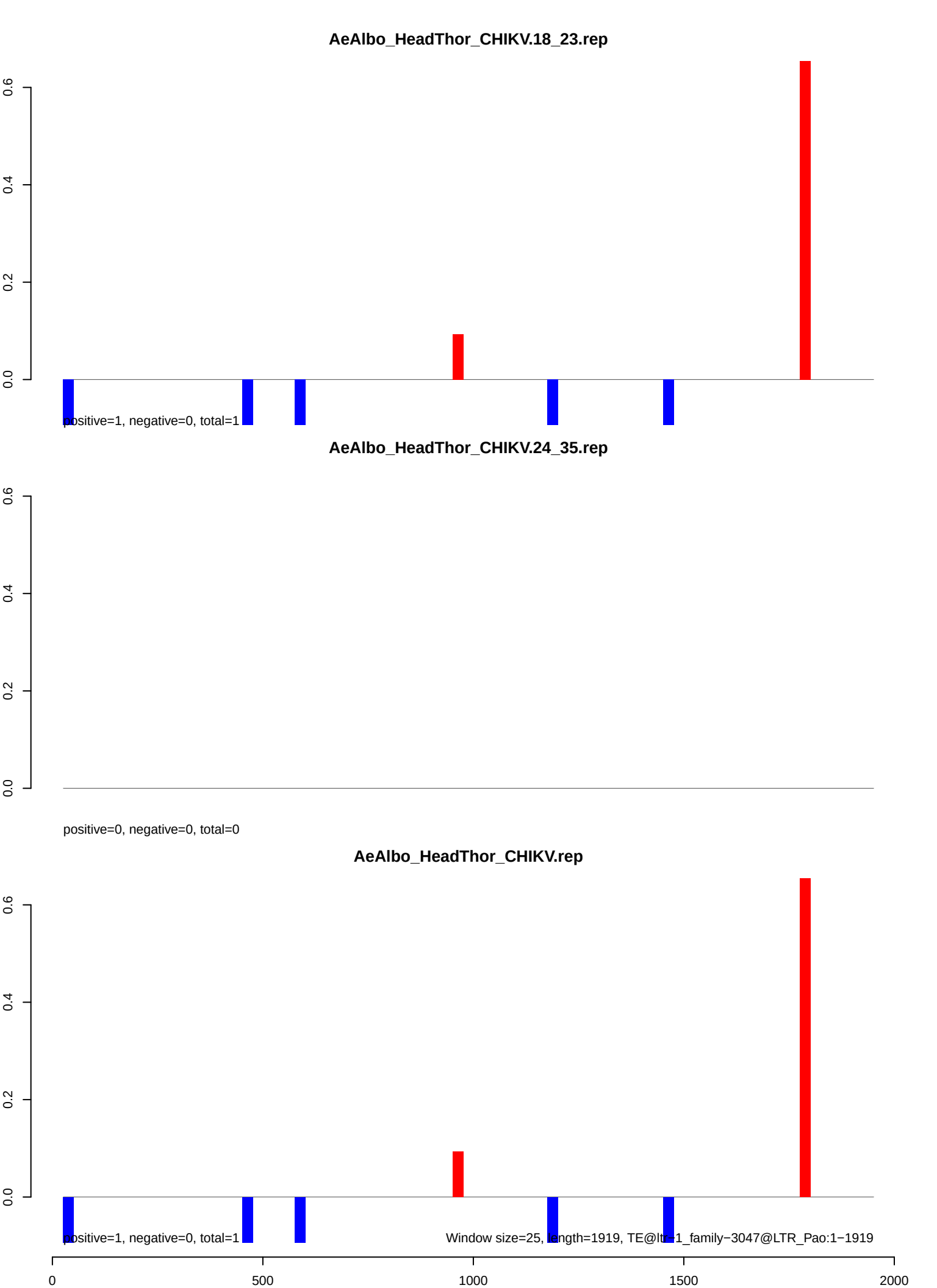

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
positive=2, negative=1, total=3
Window size=25, length=1127, TE@ltr−1_family−3264@DNA_TcMar−Mariner:1−1127
0
200
400
600
800
1000
1200

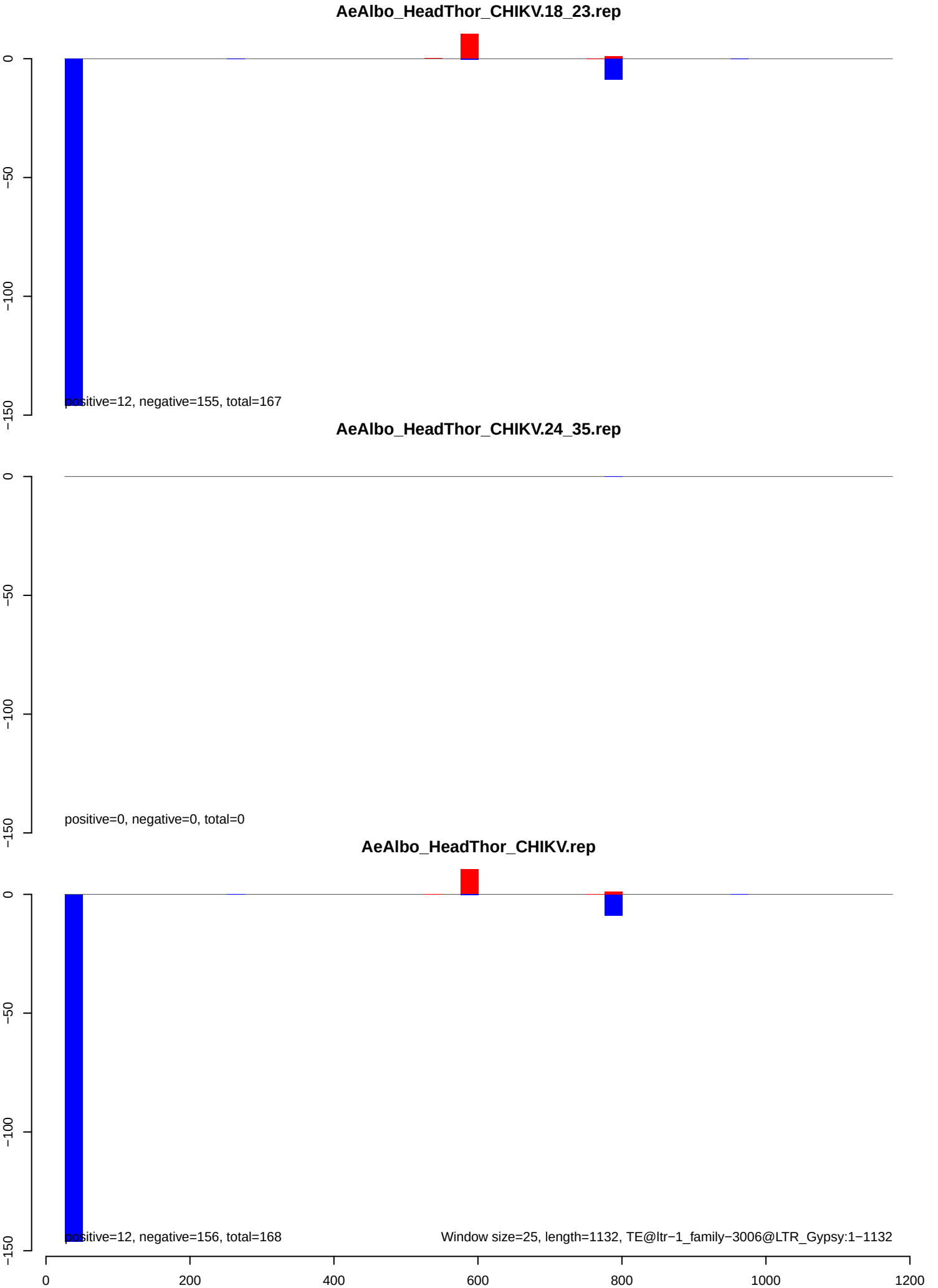

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=0, total=3

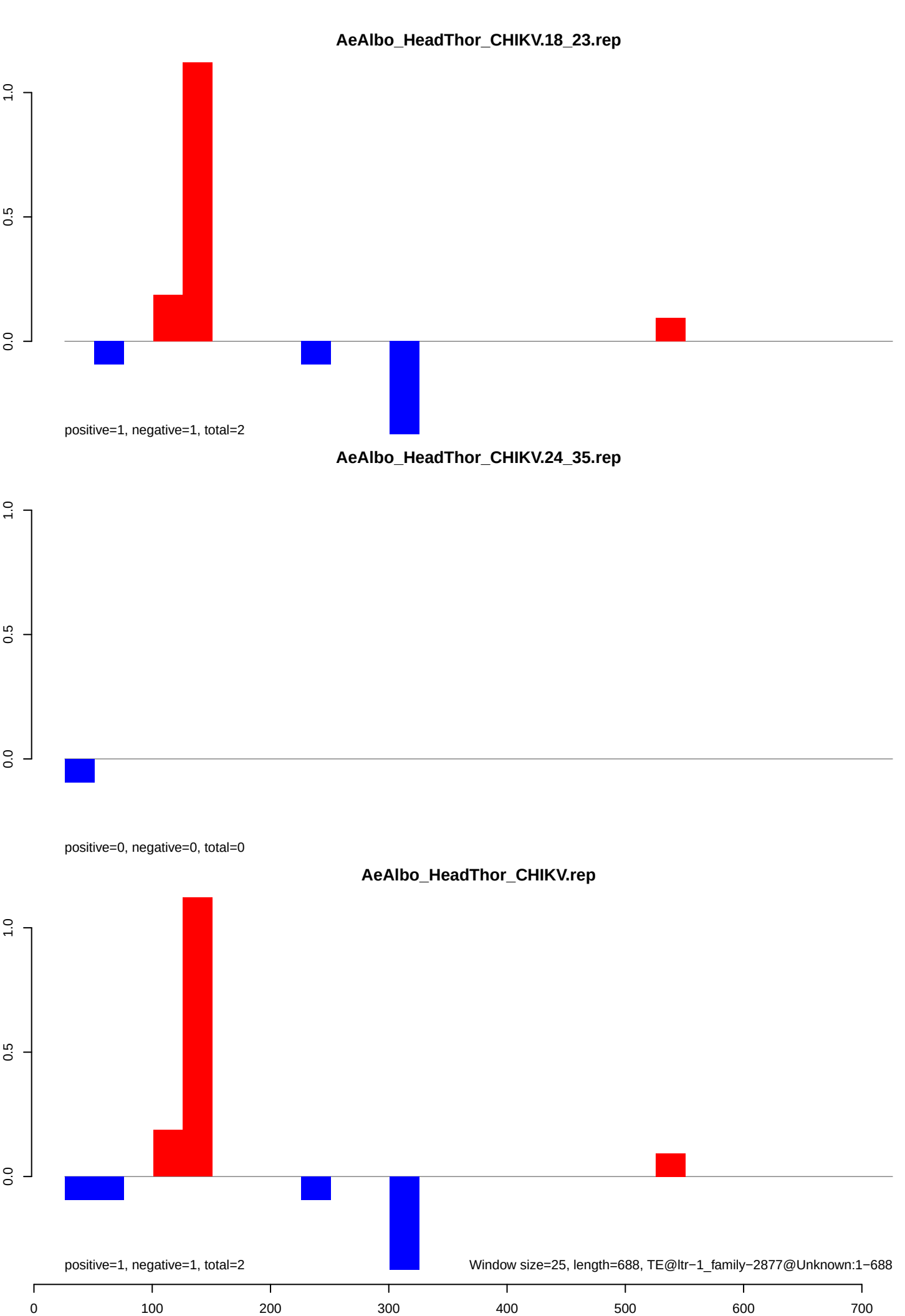

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0

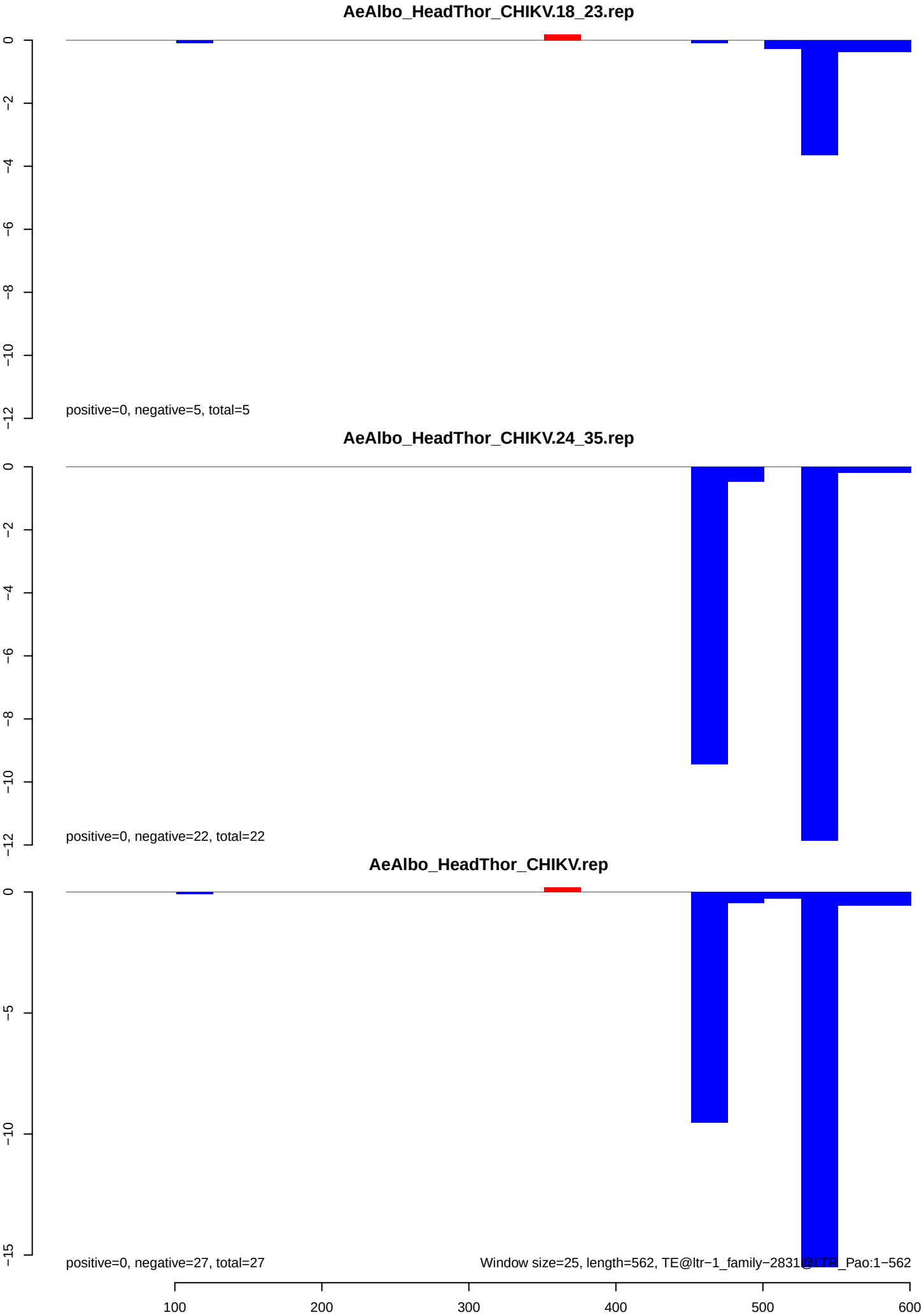

AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=3, negative=0, total=3
Window size=25, length=2579, TE@ltr−1_family−3081@LTR_Gypsy:1−2579
0
500
1000
1500
2000
2500

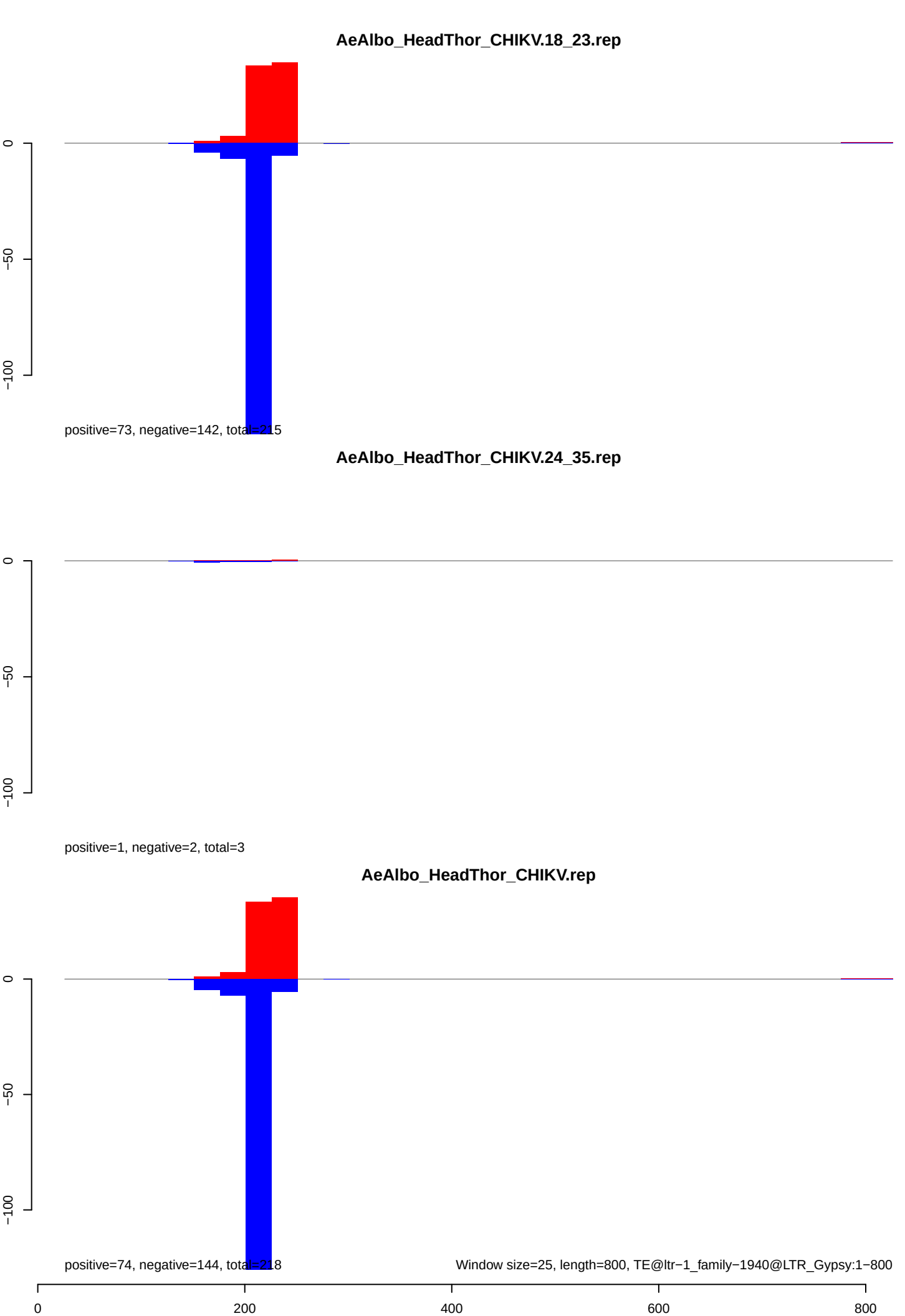

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=2
Window size=25, length=2147, TE@ltr−1_family−3062@LTR_Gypsy:1−2147
0
500
1000
1500
2000

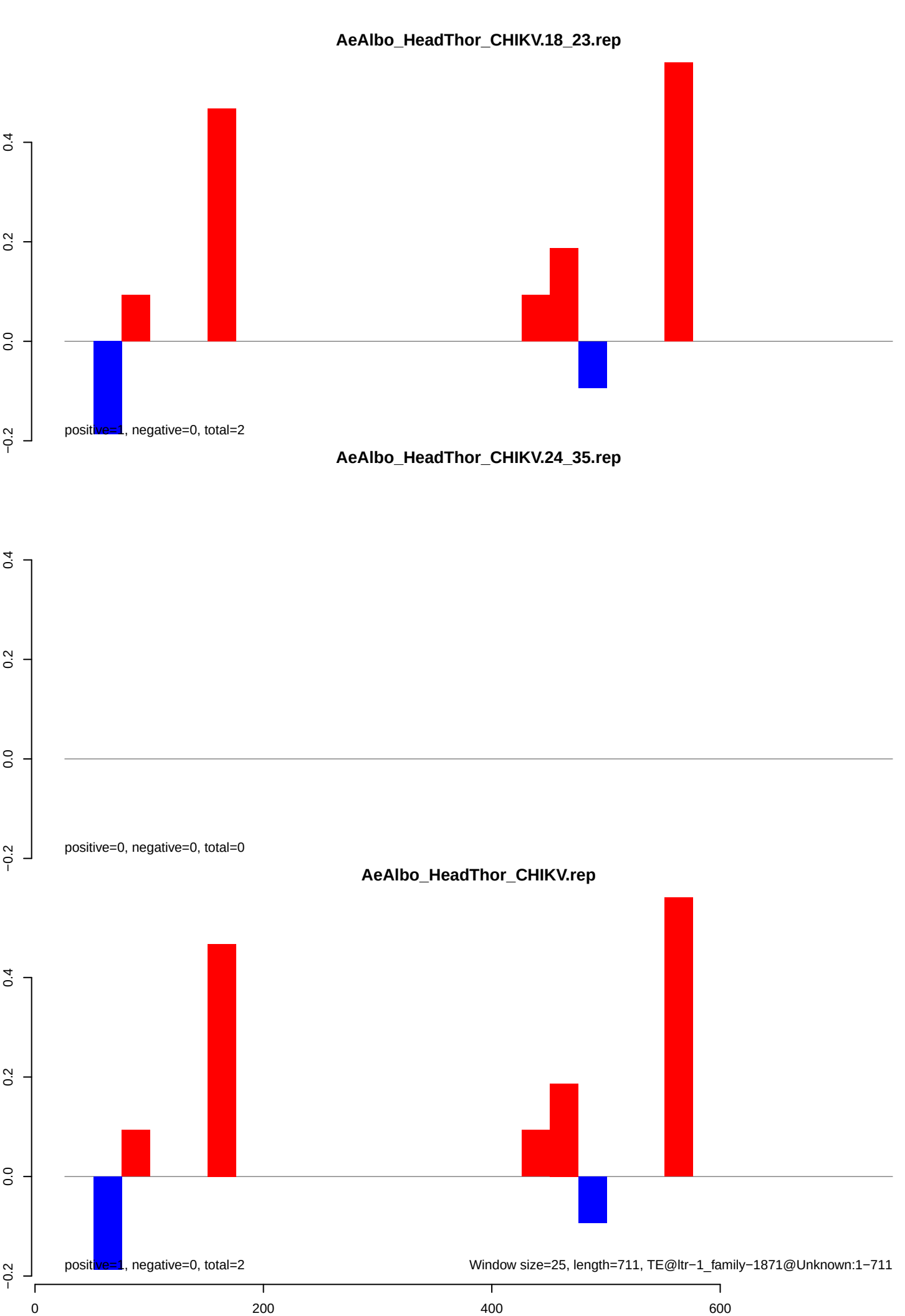

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=1919, TE@ltr−1_family−3047@LTR_Pao:1−1919
0
500
1000
1500
2000

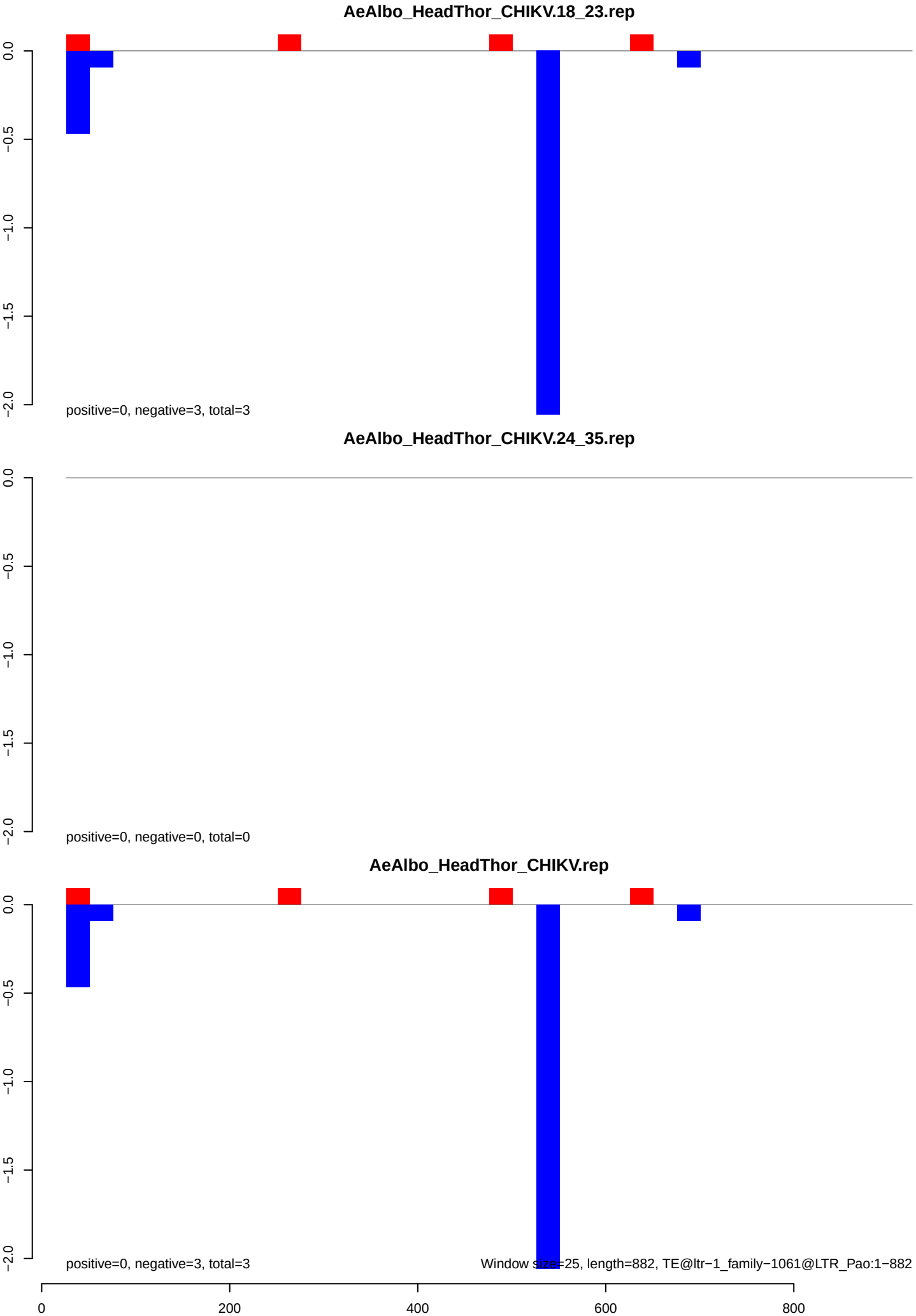

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
positive=12, negative=155, total=167
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
positive=12, negative=156, total=168
Window size=25, length=1132, TE@ltr−1_family−3006@LTR_Gypsy:1−1132
0
200
400
600
800
1000
1200

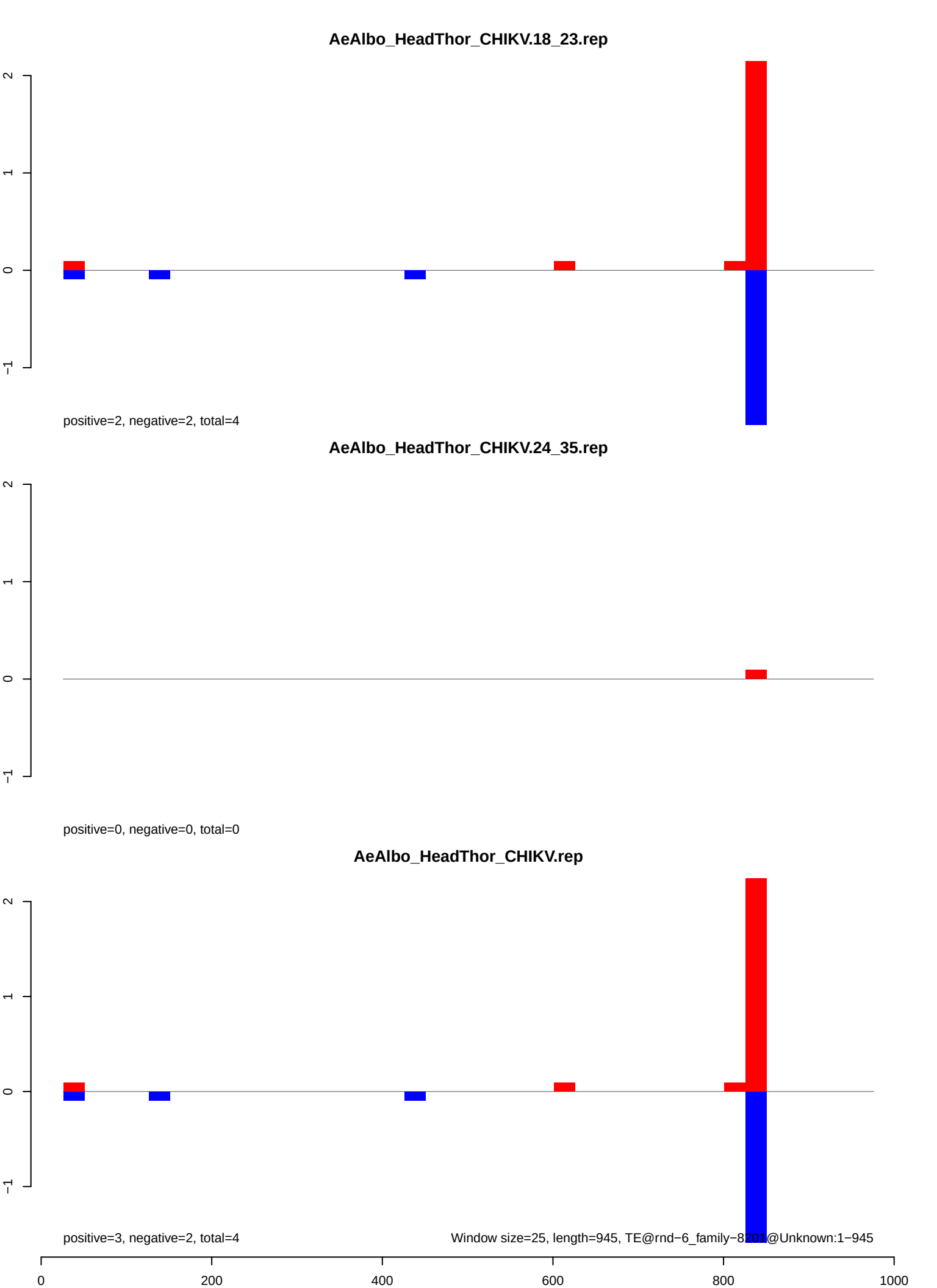

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=1, negative=1, total=2
Window size=25, length=688, TE@ltr−1_family−2877@Unknown:1−688
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=22, total=22
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=27, total=27
Window size=25, length=562, TE@ltr−1_family−2831@LTR_Pao:1−562
100
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
positive=73, negative=142, total=215
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
positive=1, negative=2, total=3
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
positive=74, negative=144, total=218
Window size=25, length=800, TE@ltr−1_family−1940@LTR_Gypsy:1−800
0
200
400
600
800

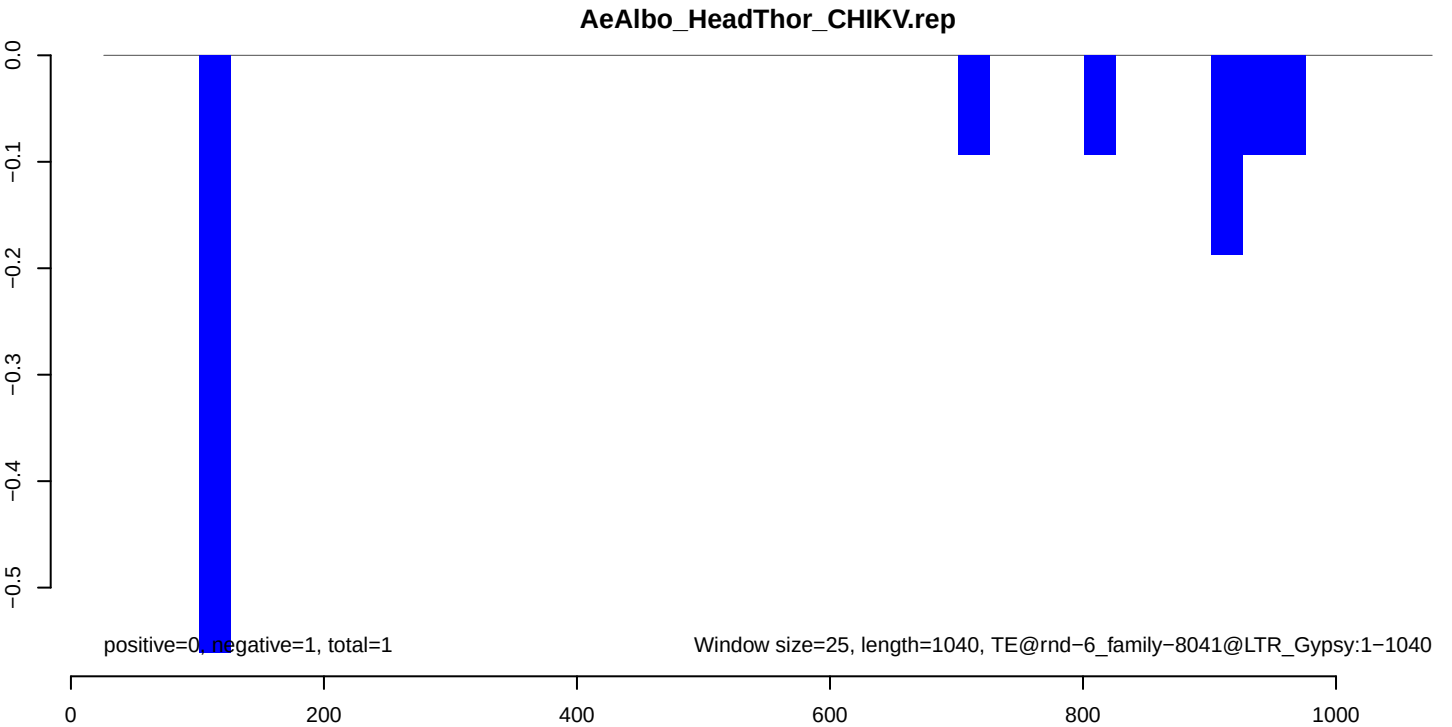

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
Window size=25, length=711, TE@ltr−1_family−1871@Unknown:1−711
0
200
400
600

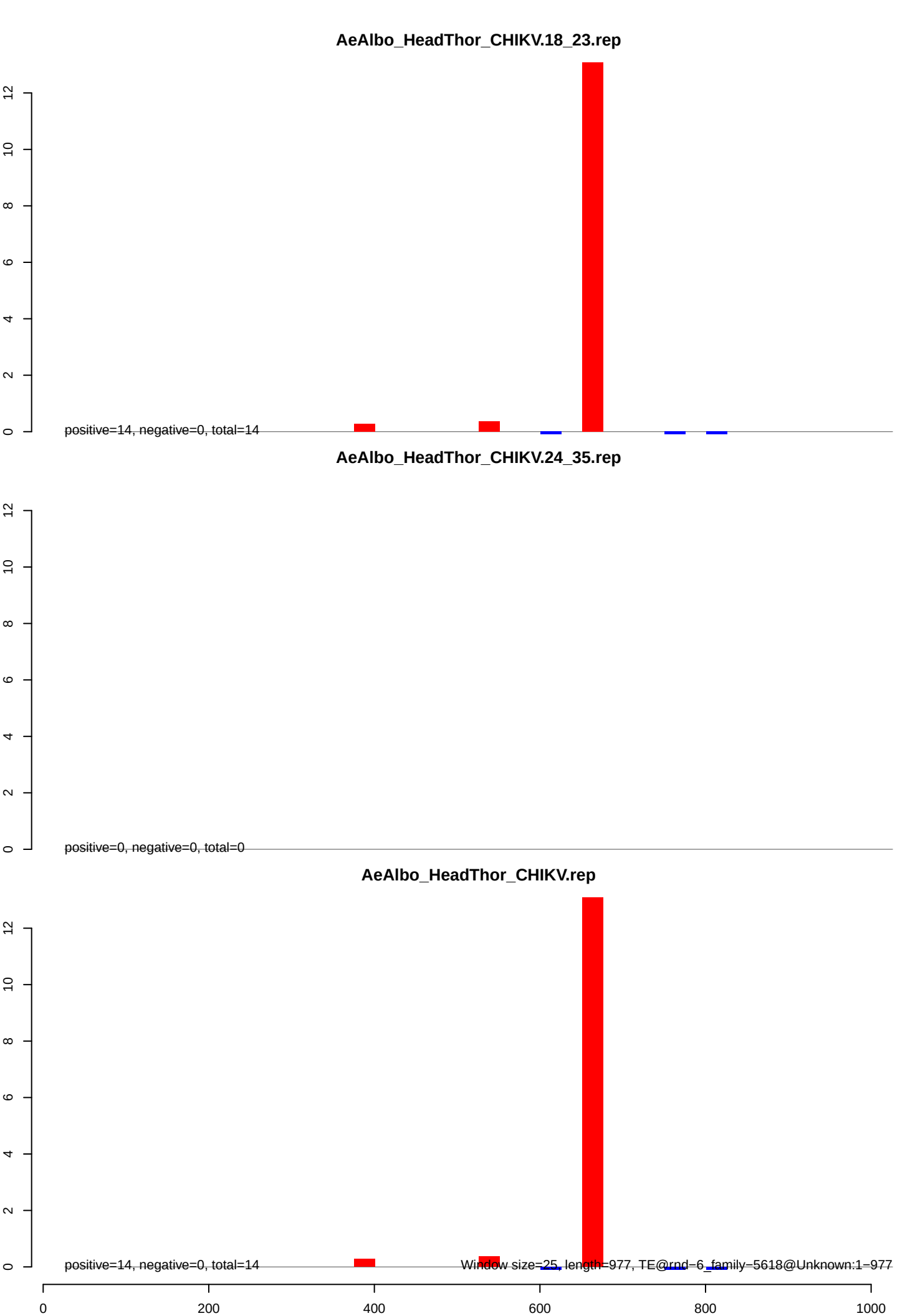

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=3, total=3
Window size=25, length=882, TE@ltr−1_family−1061@LTR_Pao:1−882
0
200
400
600
800

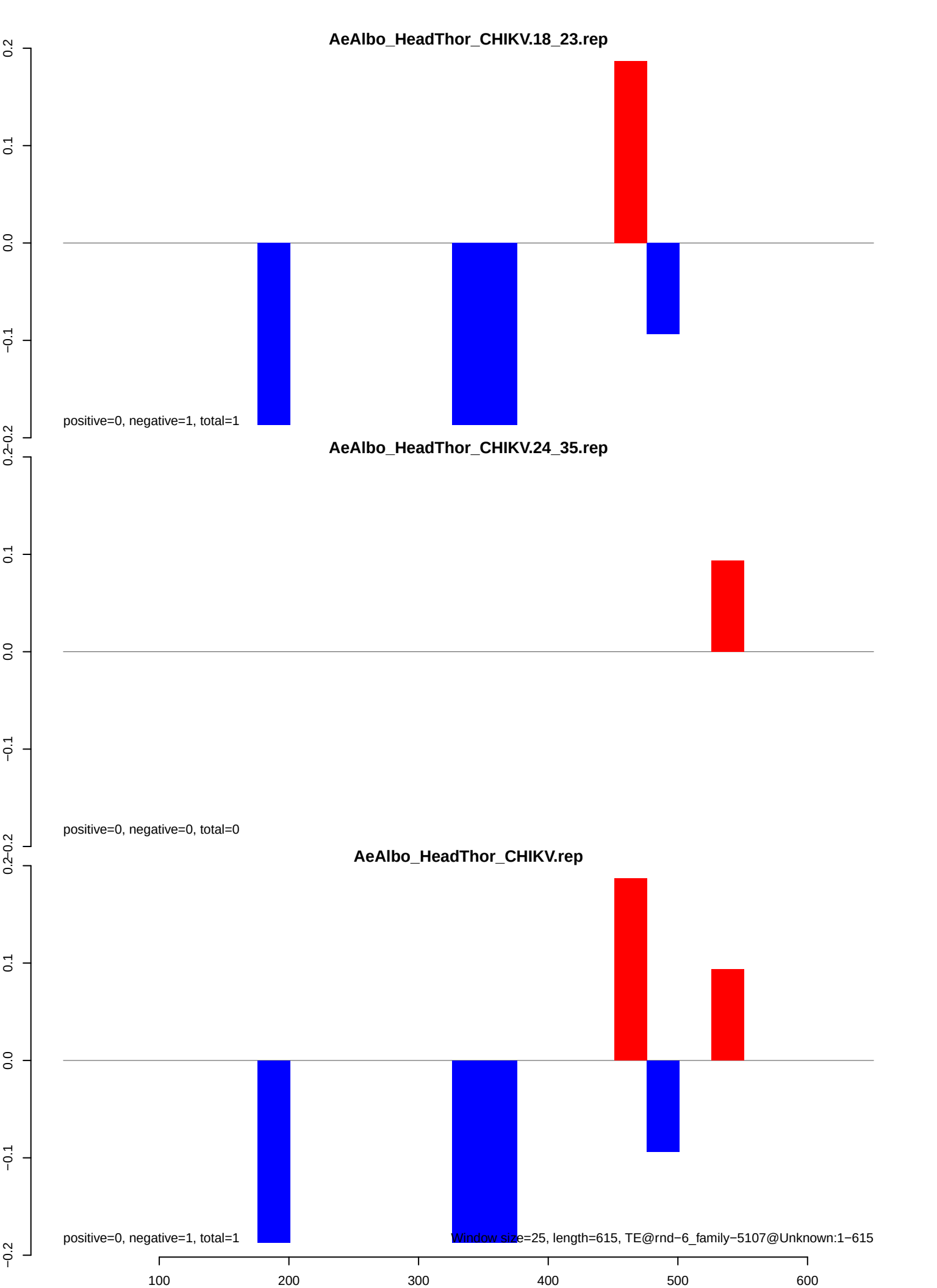

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=2, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=3, negative=2, total=4
Window size=25, length=945, TE@rnd−6_family−8201@Unknown:1−945
2
1
0
−1
0
200
400
600
800
1000

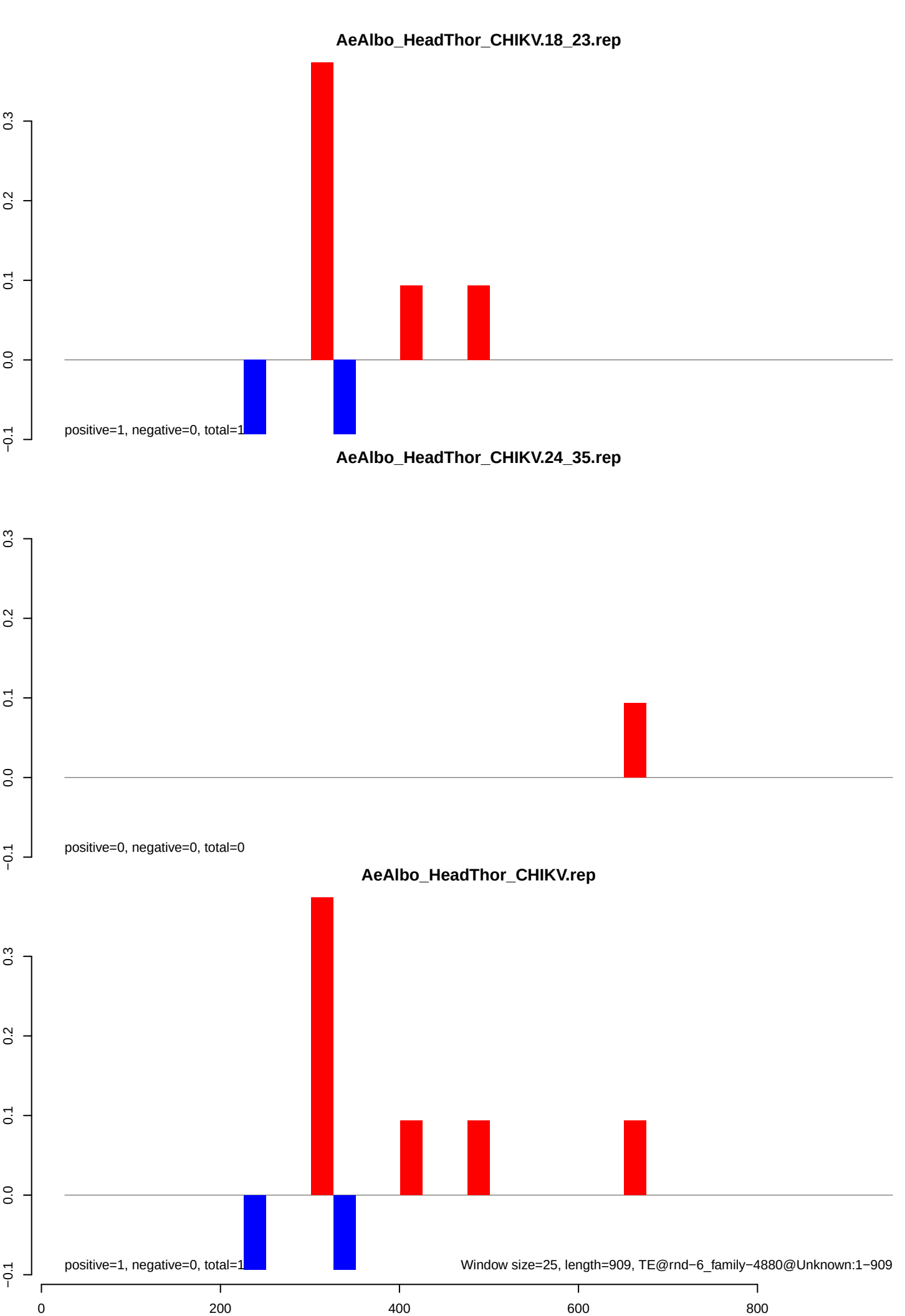
AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1

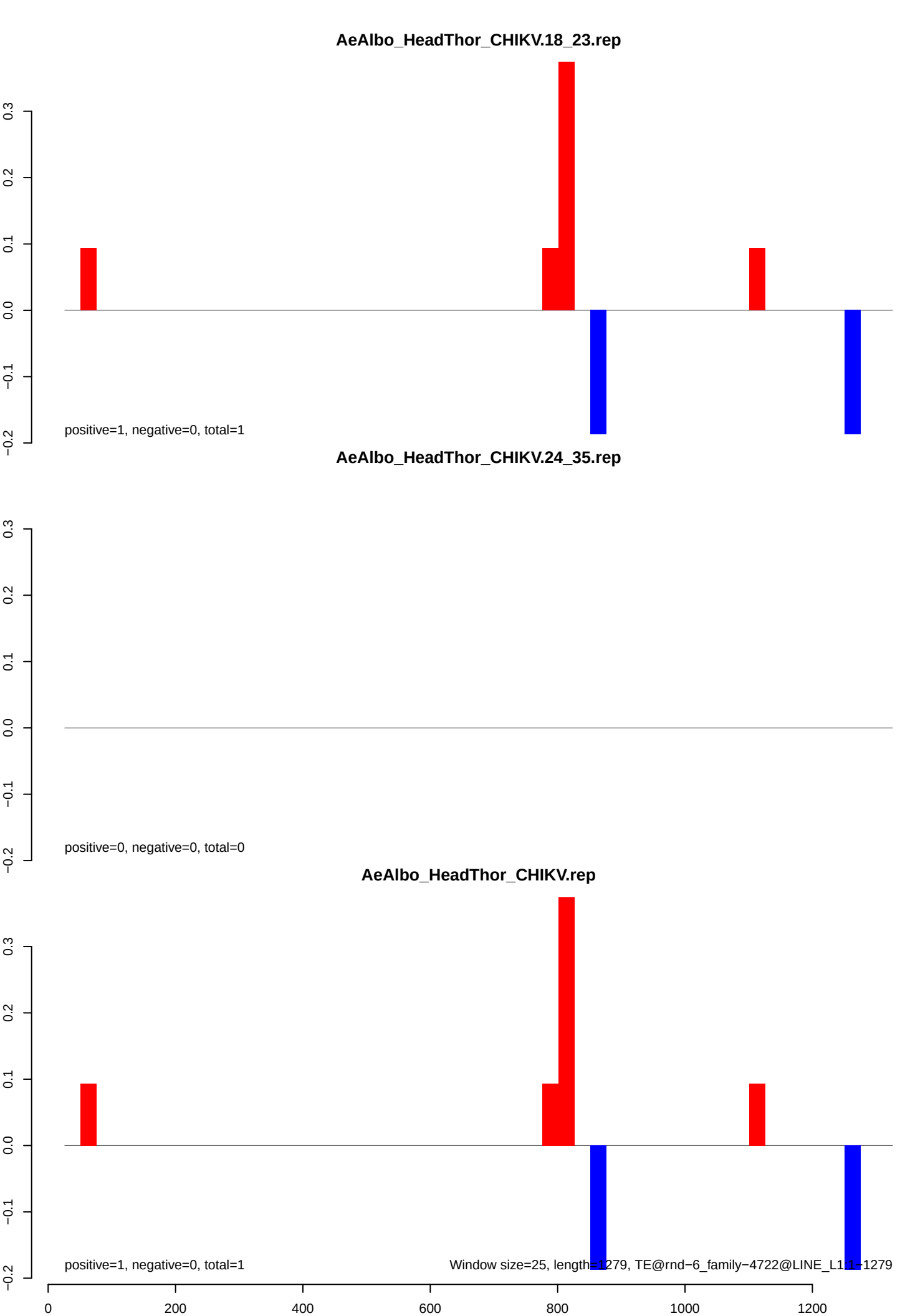
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0

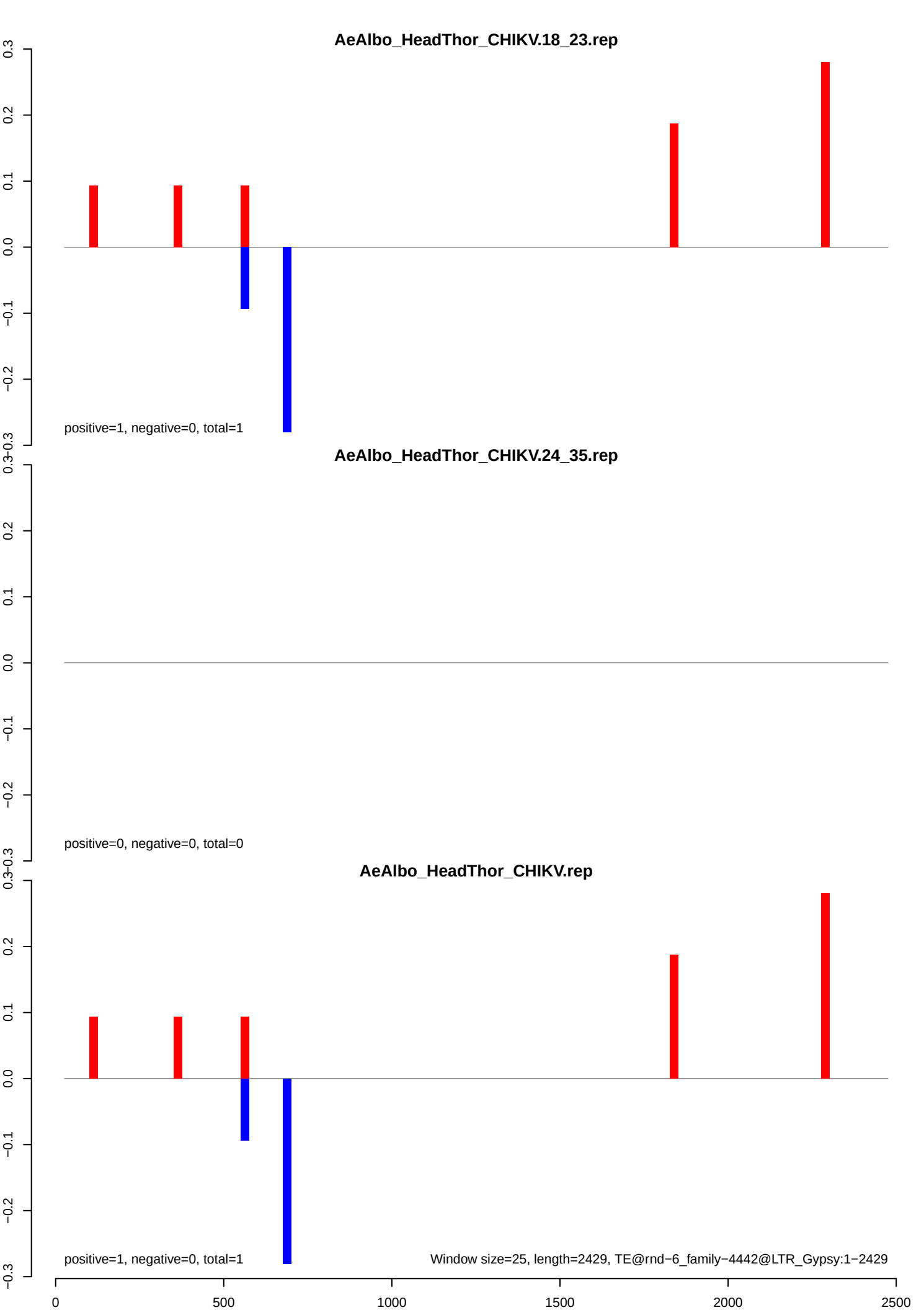

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
Window size=25, length=1040, TE@rnd−6_family−8041@LTR_Gypsy:1−1040
0
200
400
600
800
1000

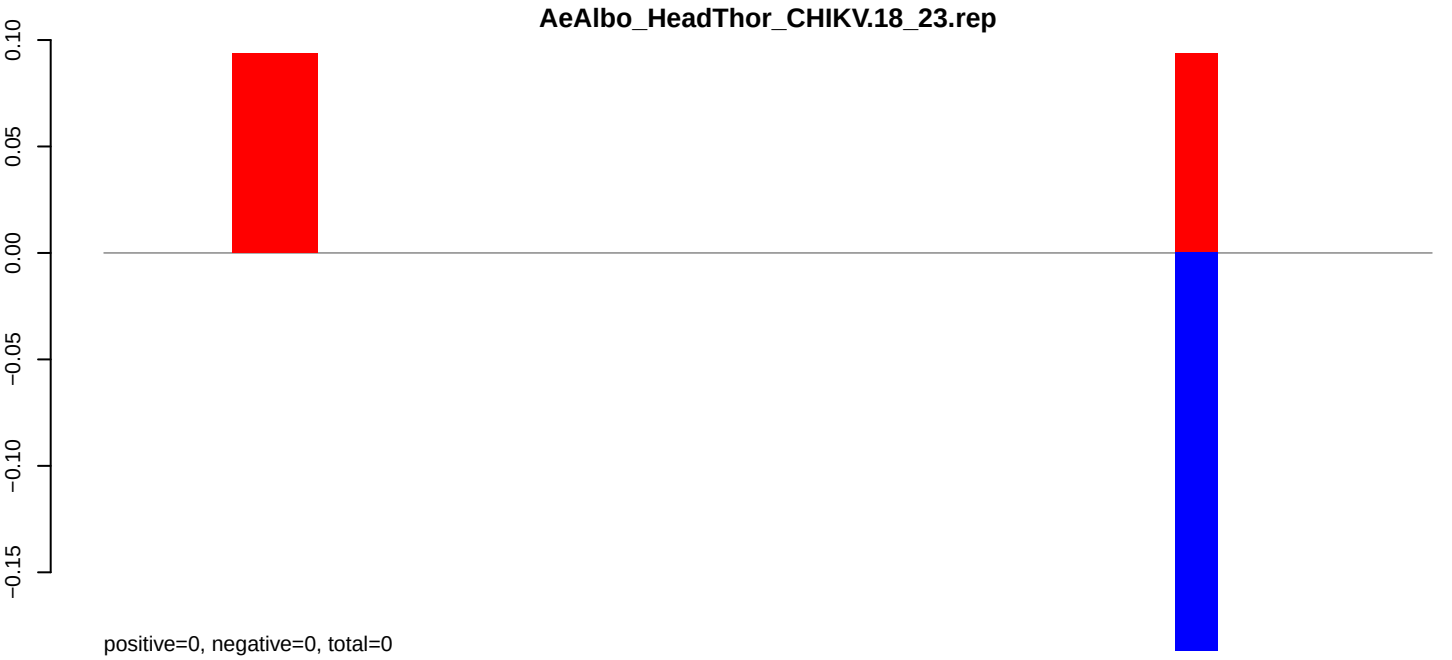

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=14, negative=0, total=14
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=14, negative=0, total=14
Window size=25, length=977, TE@rnd-6_family-5618@Unknown:1-977
0
2
4
6
8
10
12
0
200
400
600
800
1000

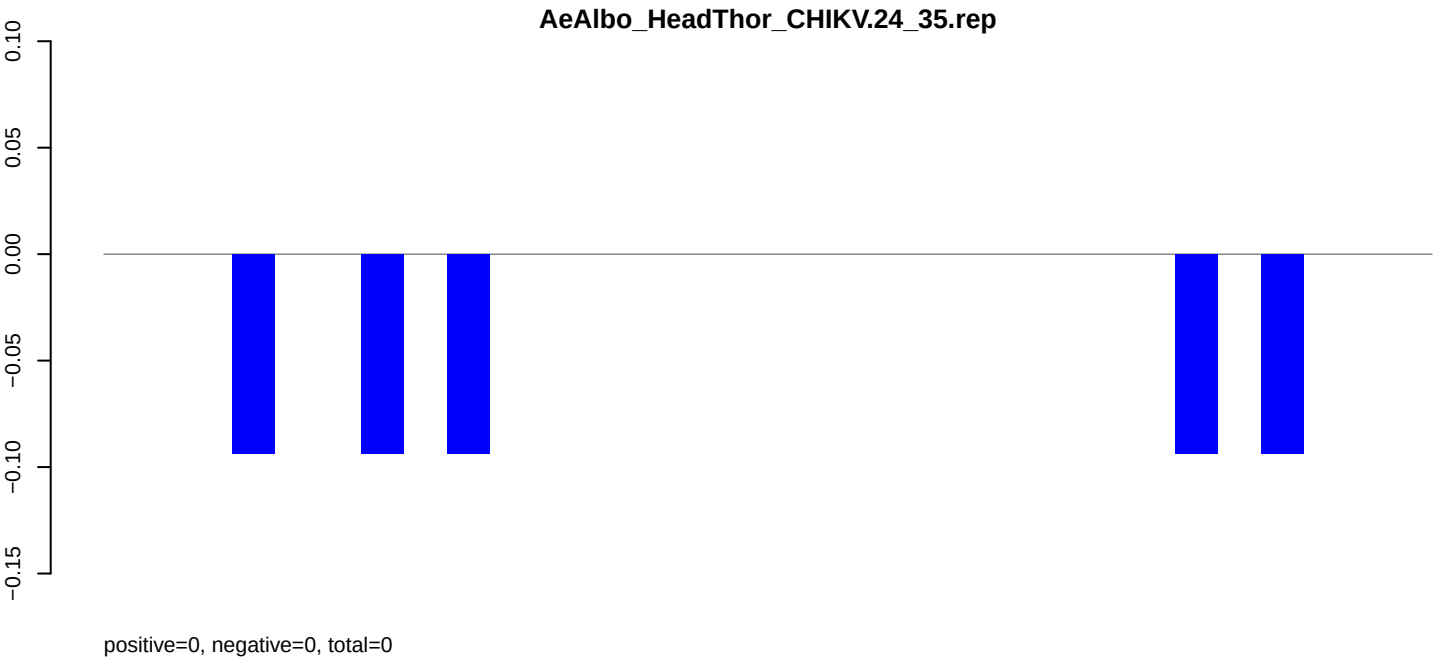

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=615, TE@rnd−6_family−5107@Unknown:1−615
0.2
0.1
0.0
−0.1
−0.2
100
200
300
400
500
600

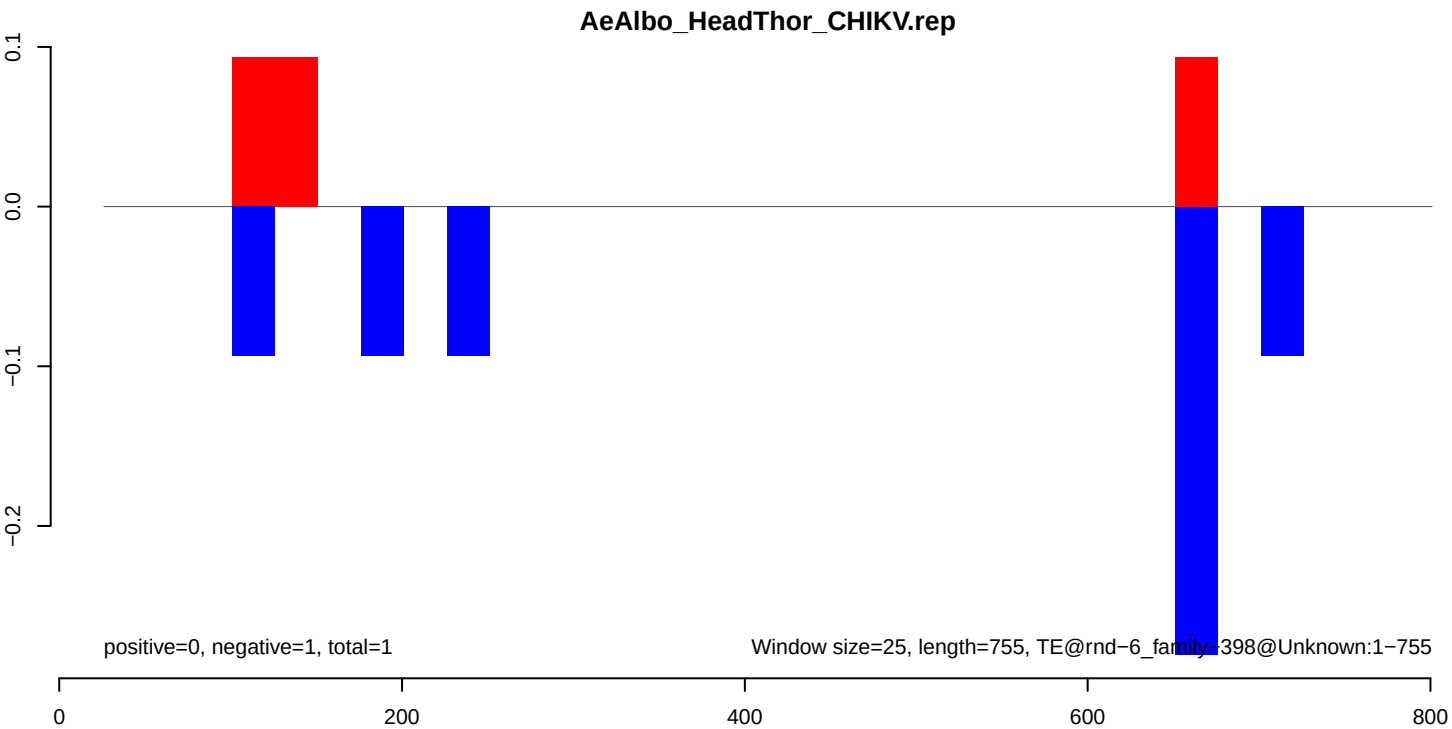

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=909, TE@rnd−6_family−4880@Unknown:1−909
0
200
400
600
800

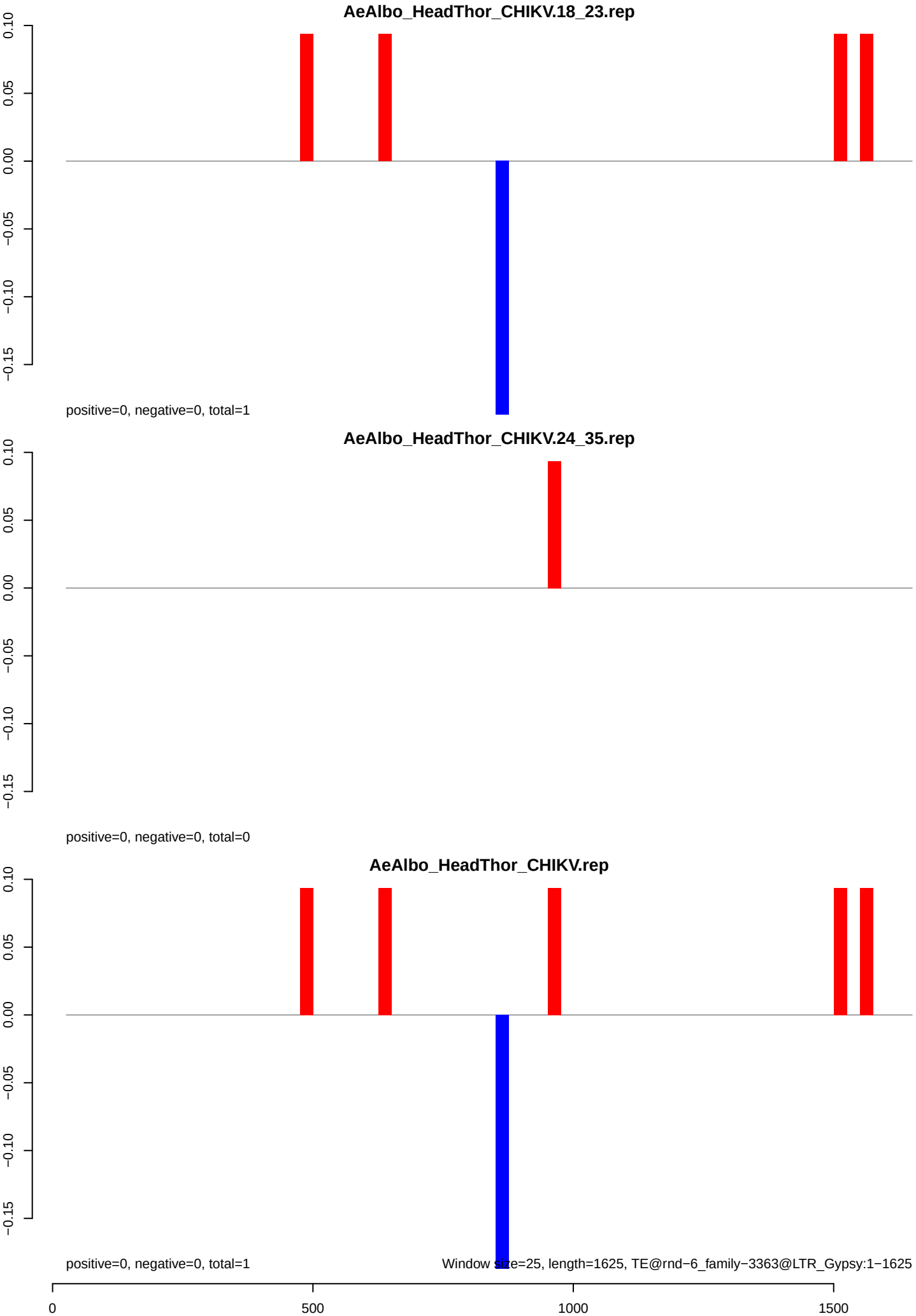

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1279, TE@rnd−6_family−4722@LINE_L1:1−1279
0
200
400
600
800
1000
1200

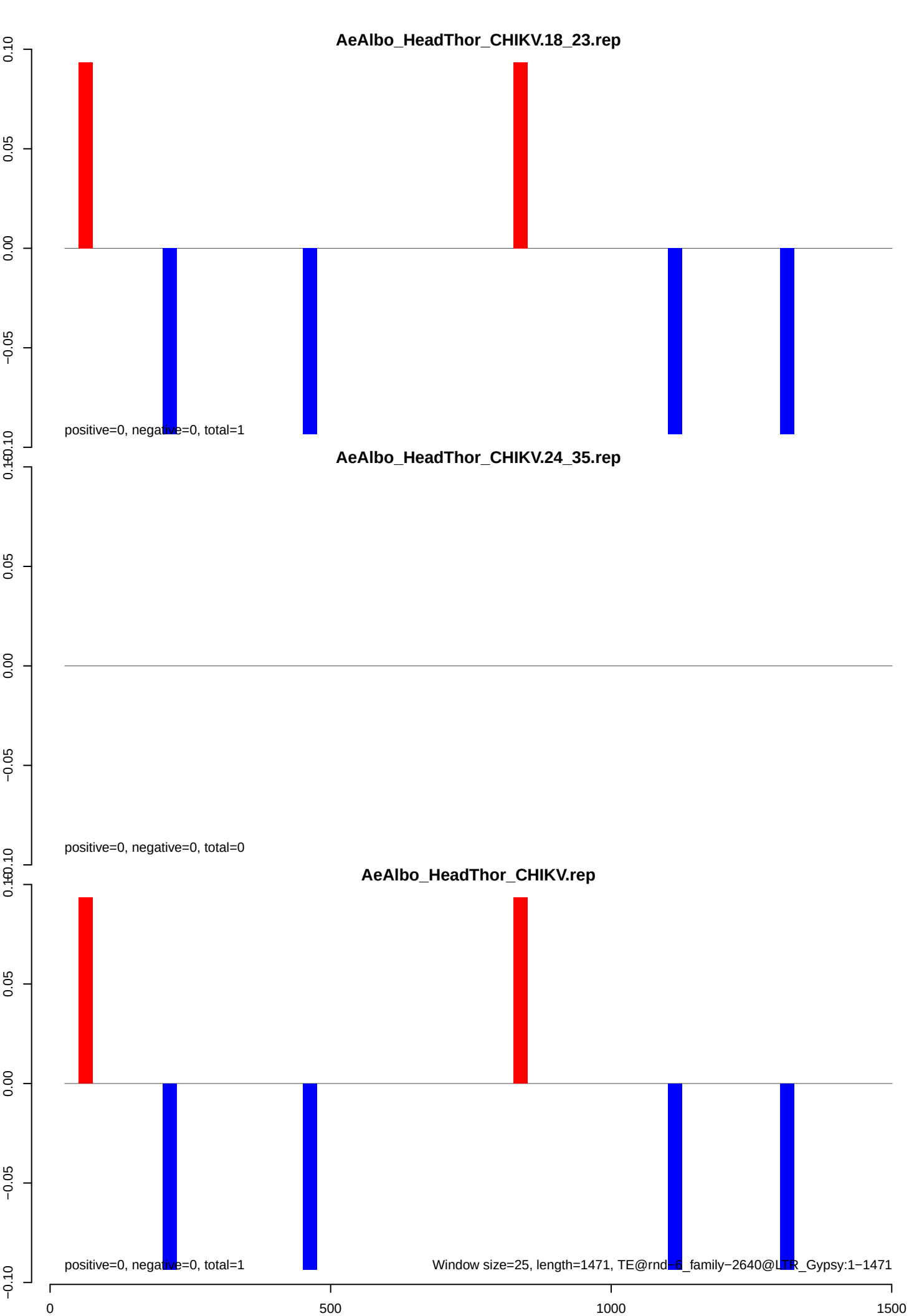

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=2429, TE@rnd−6_family−4442@LTR_Gypsy:1−2429
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
500
1000
1500
2000
2500

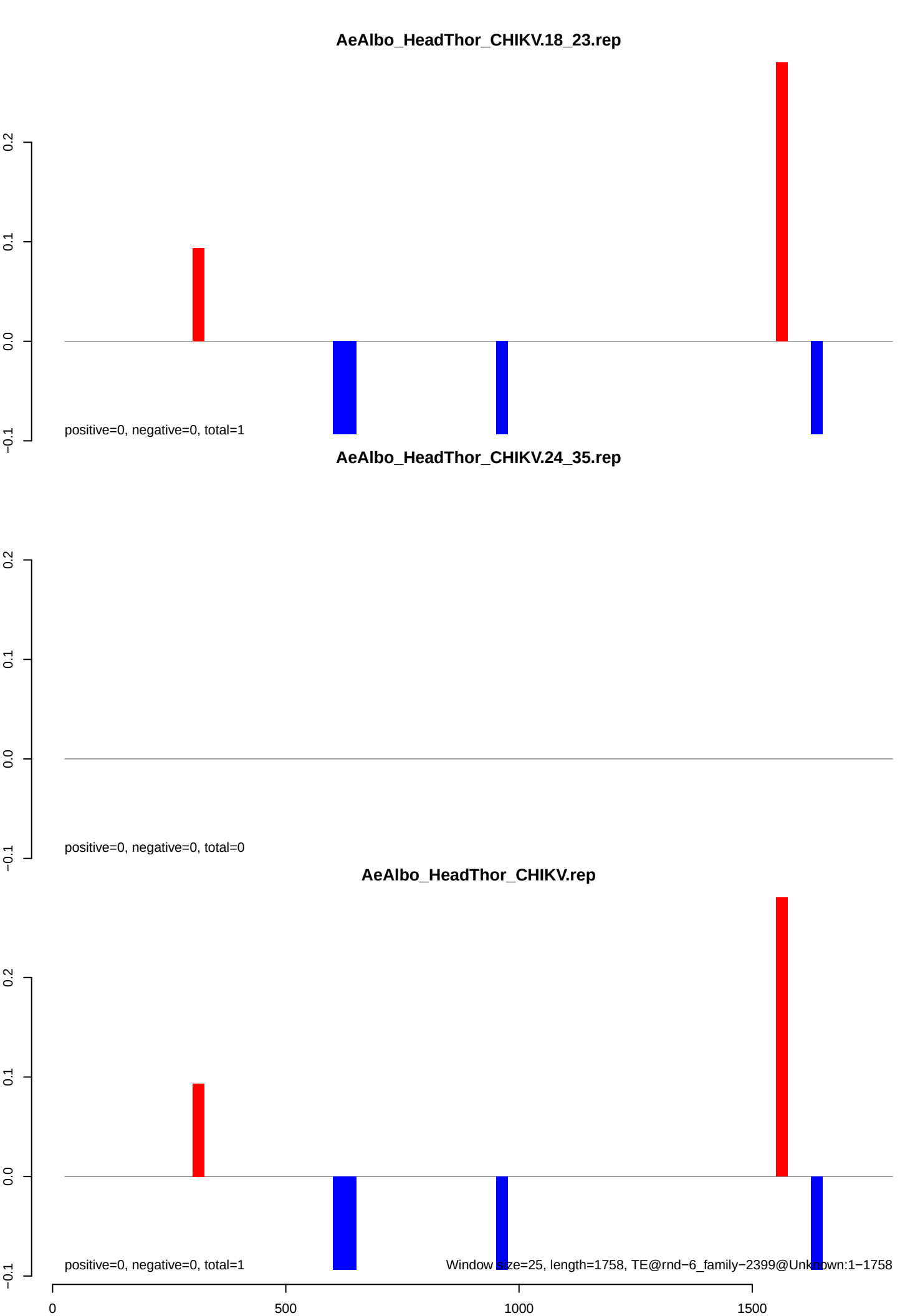

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

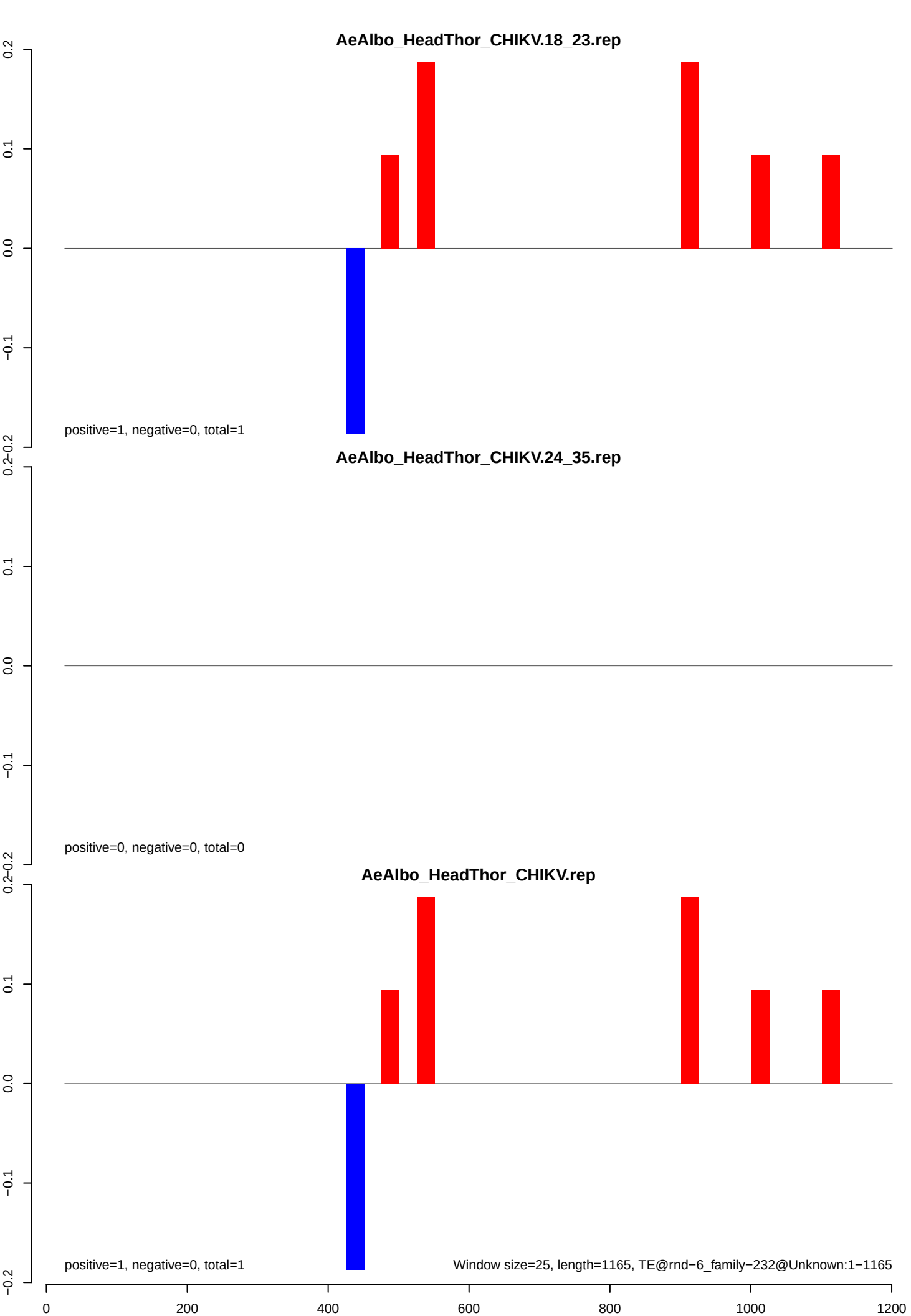

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

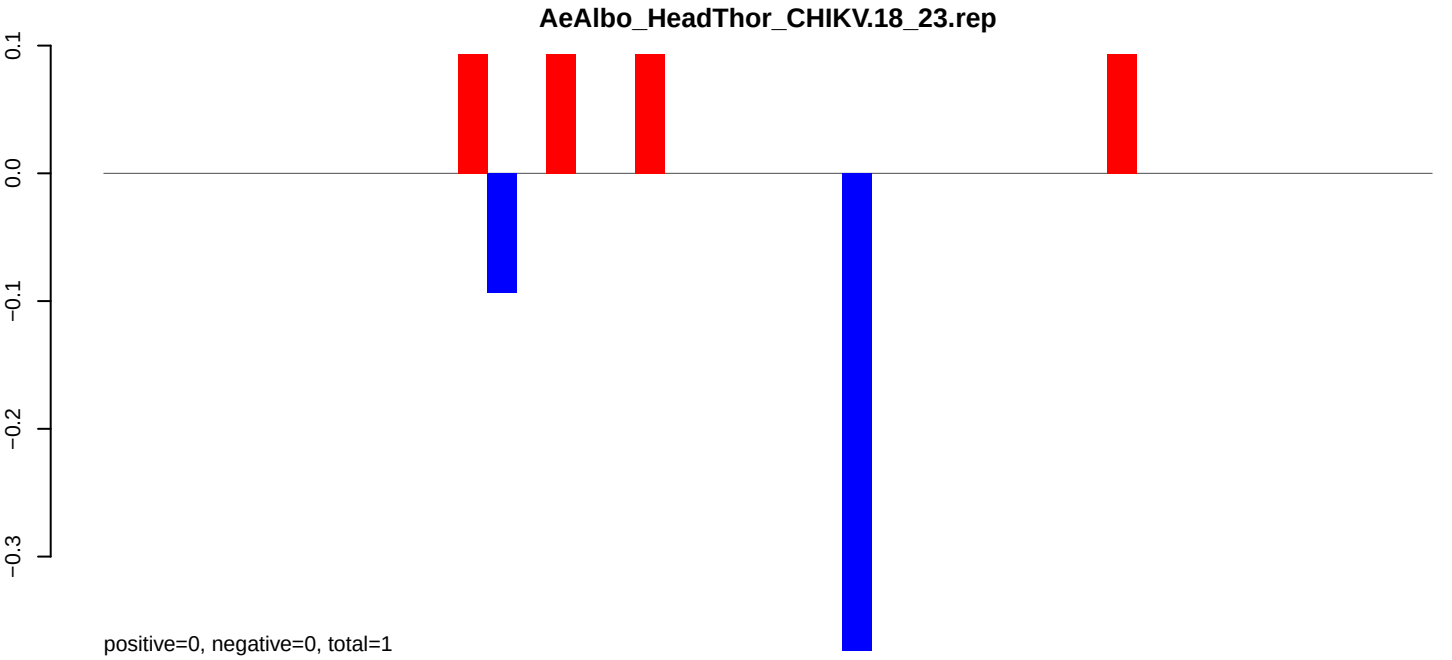

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=755, TE@rnd−6_family−398@Unknown:1−755
0
200
400
600
800

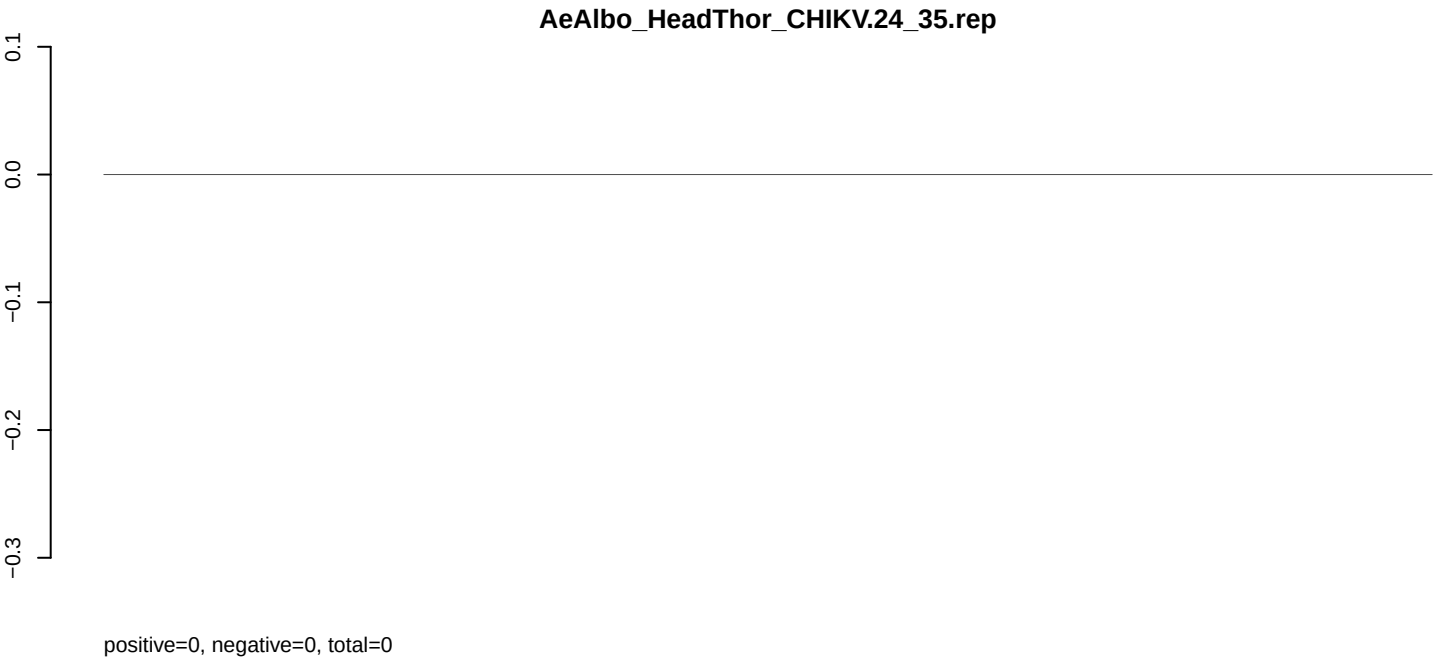

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1625, TE@rnd−6_family−3363@LTR_Gypsy:1−1625
0
500
1000
1500

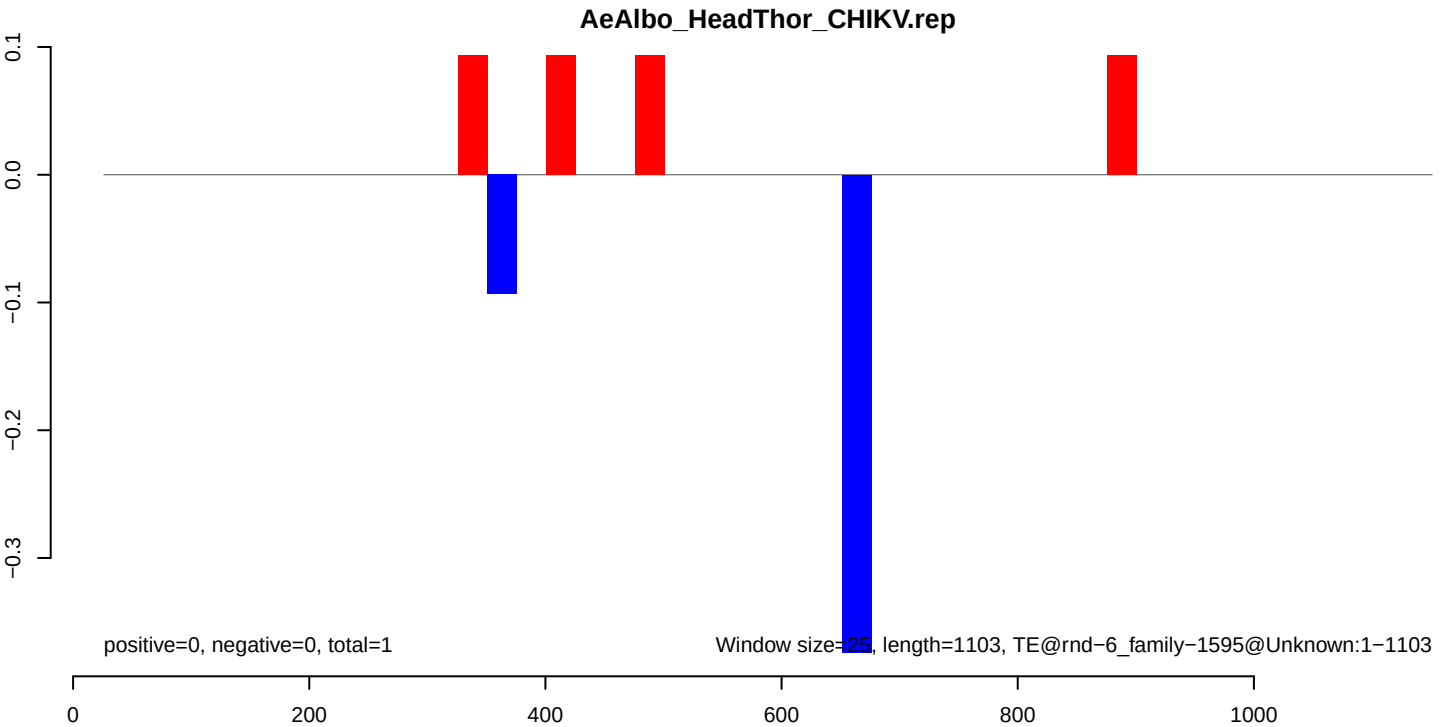

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1471, TE@rnd−6_family−2640@LTR_Gypsy:1−1471
0
500
1000
1500

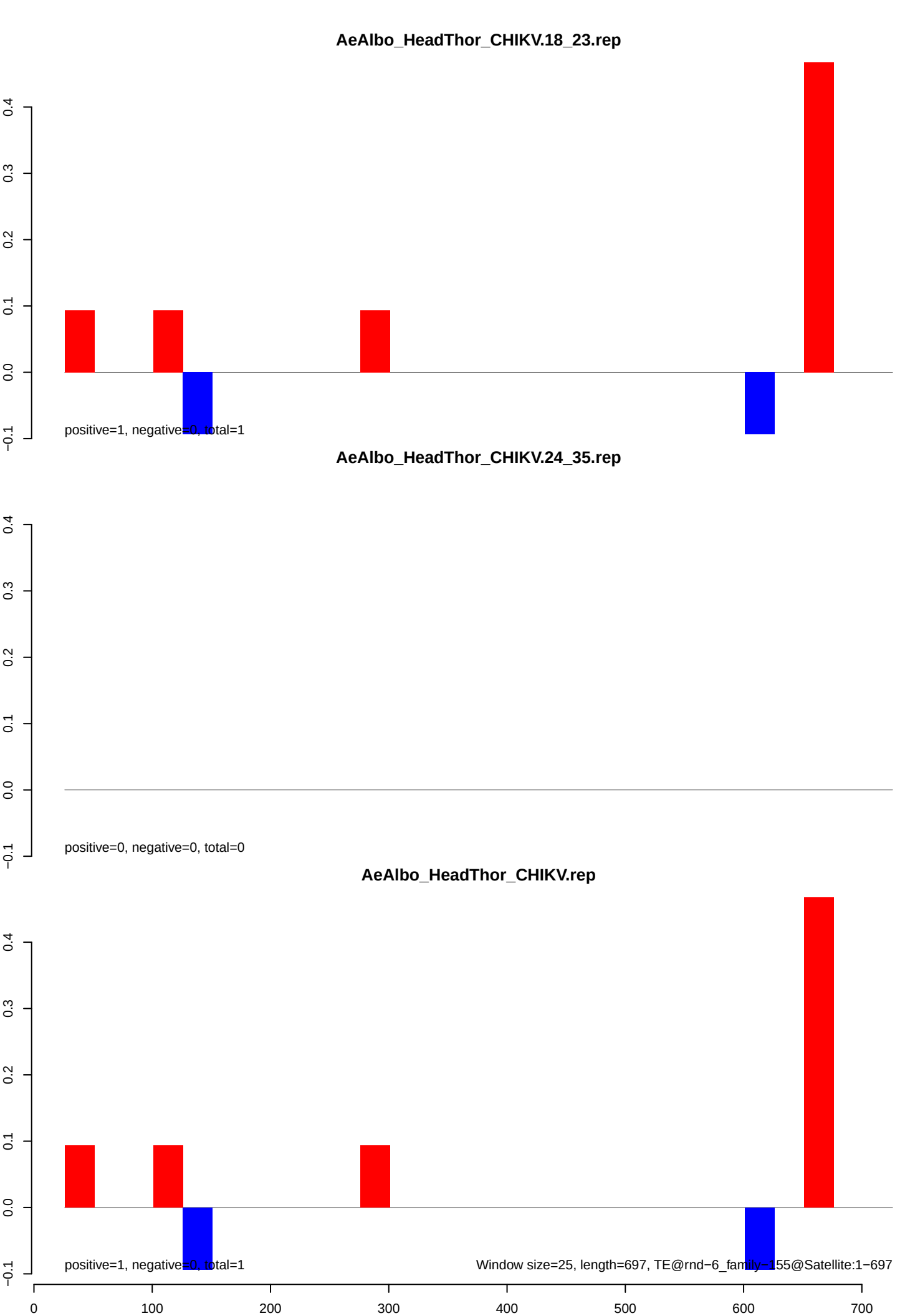

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=1758, TE@rnd−6_family−2399@Unknown:1−1758
0
500
1000
1500

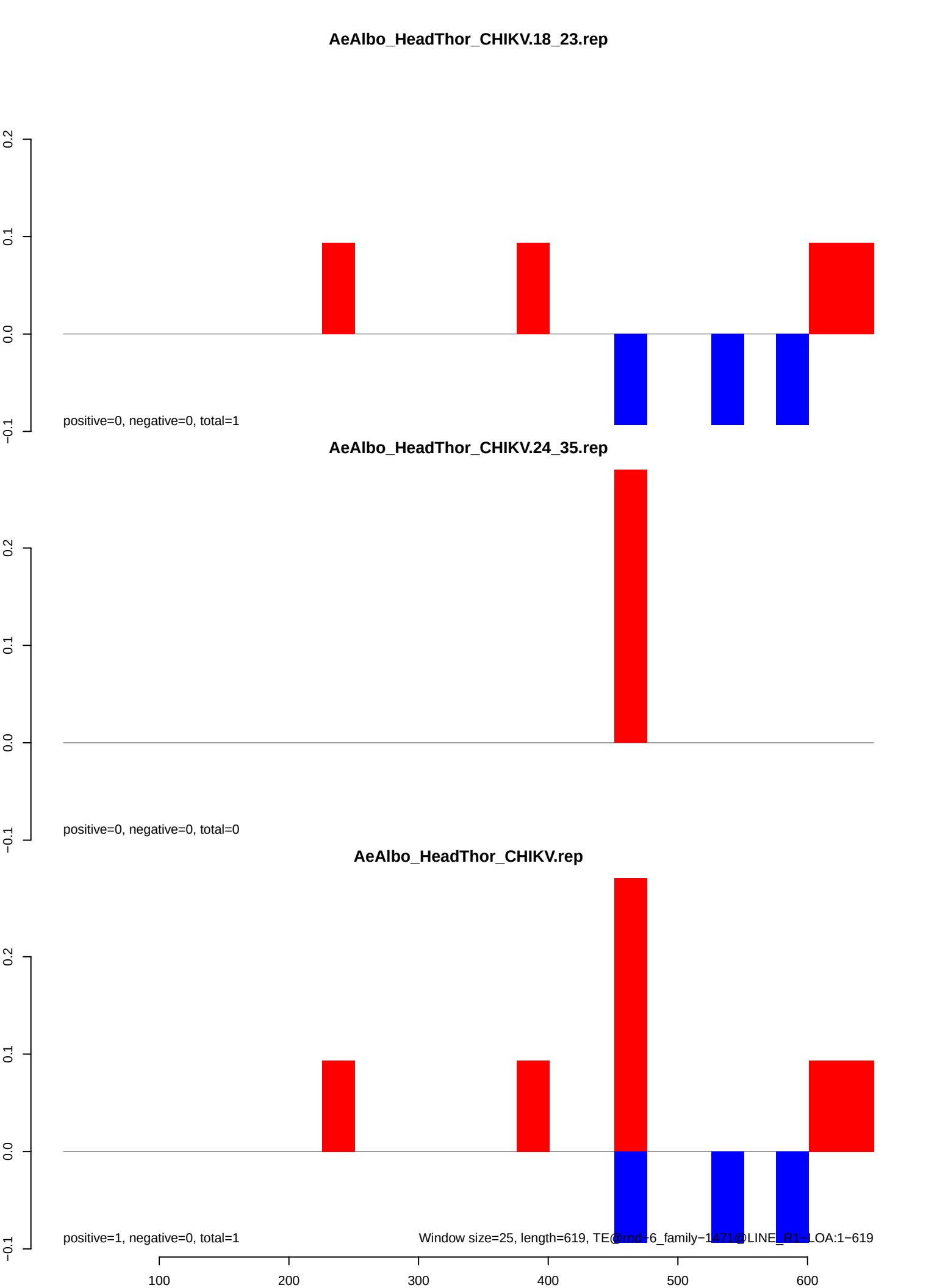

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1165, TE@rnd−6_family−232@Unknown:1−1165
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000
1200

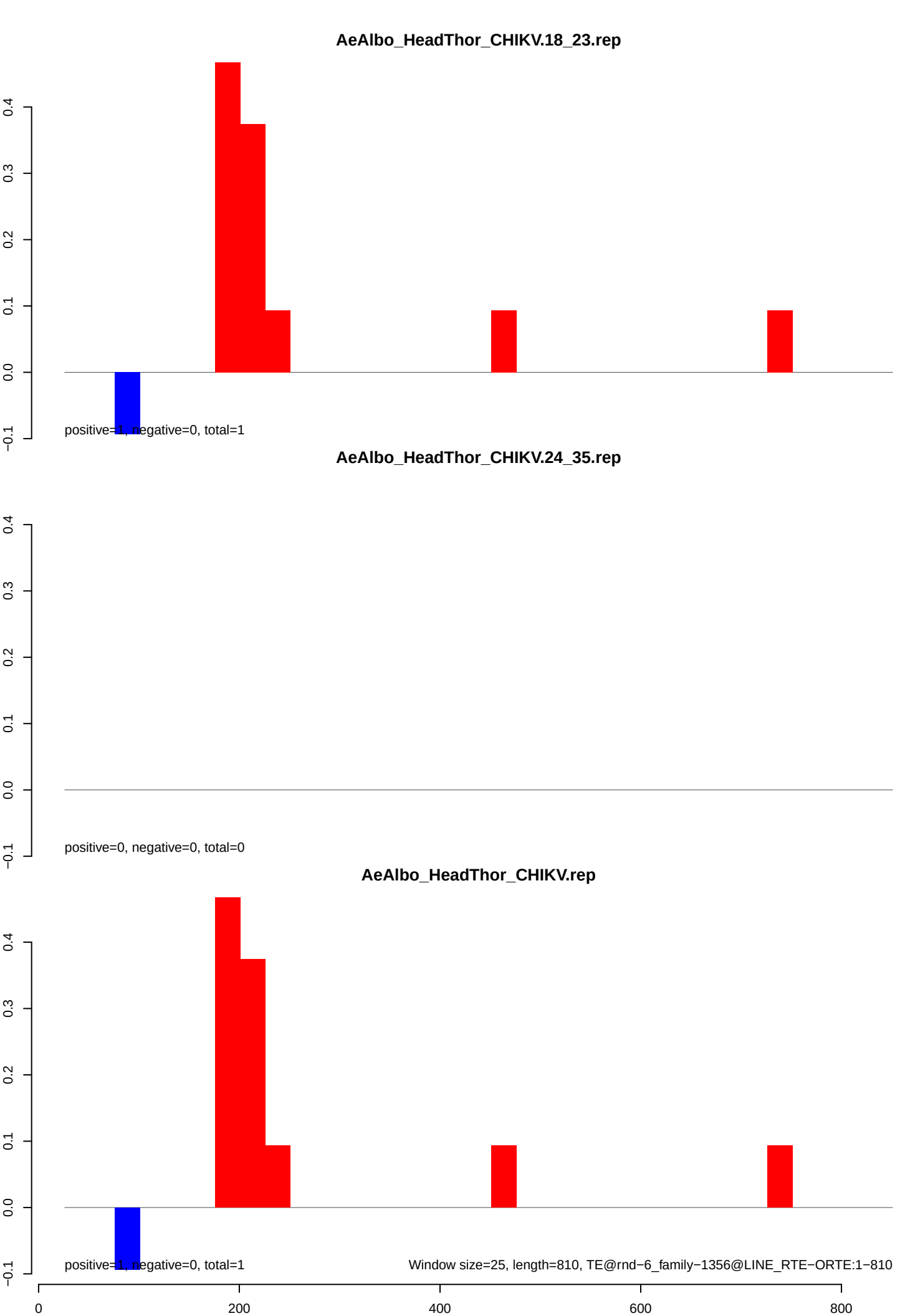

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1

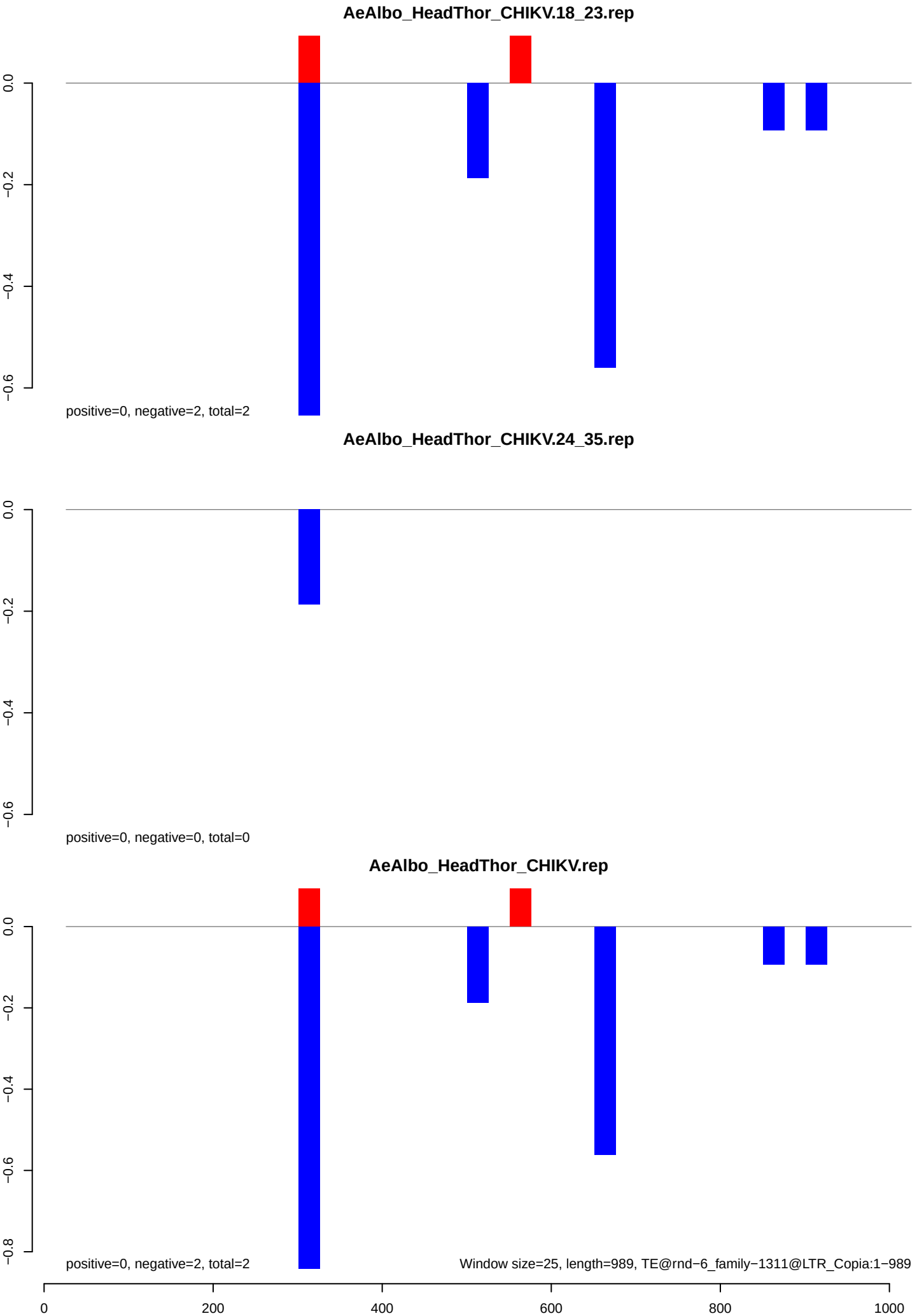

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

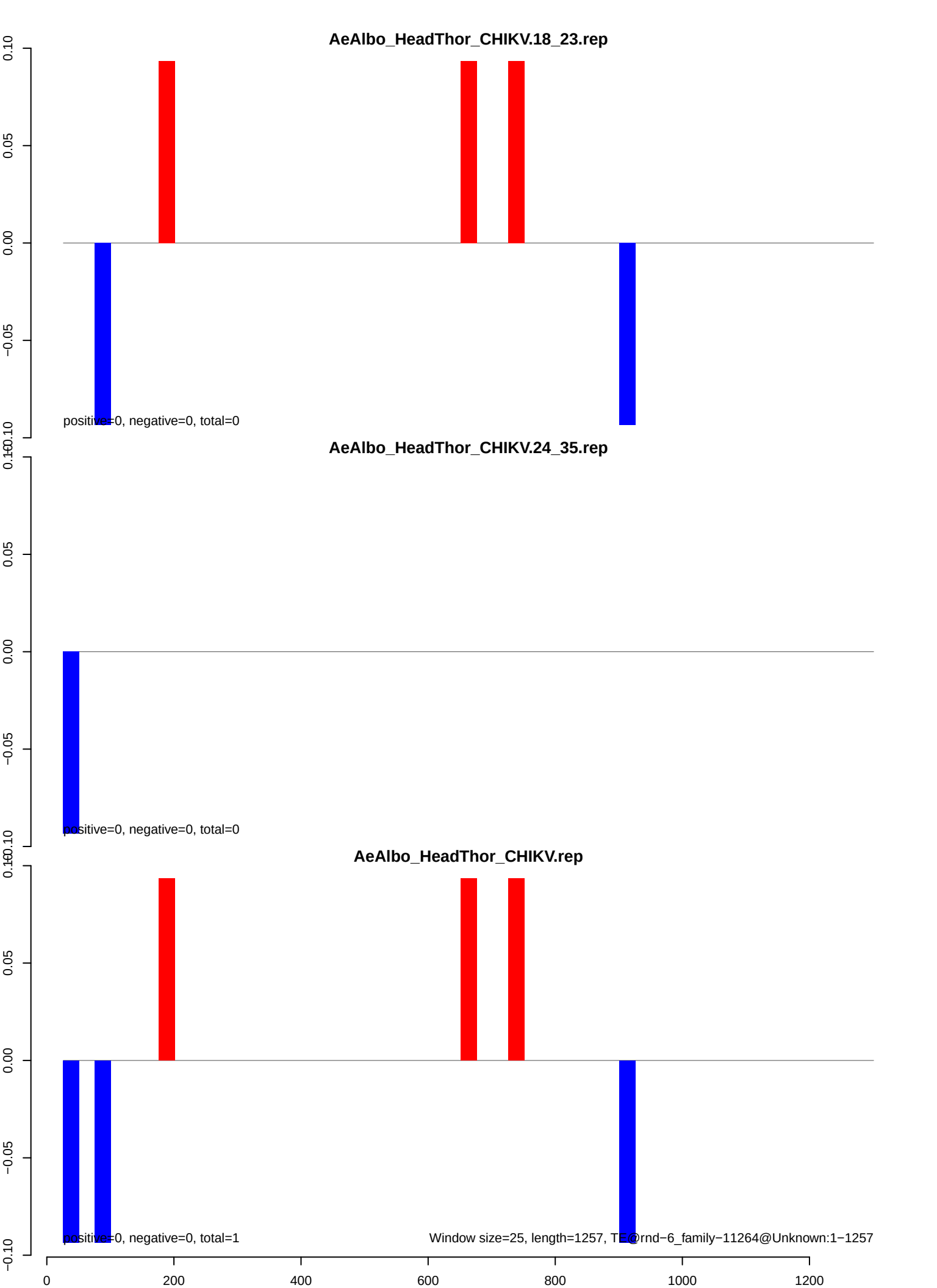

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
Window size=25, length=1103, TE@rnd−6_family−1595@Unknown:1−1103
0
200
400
600
800
1000

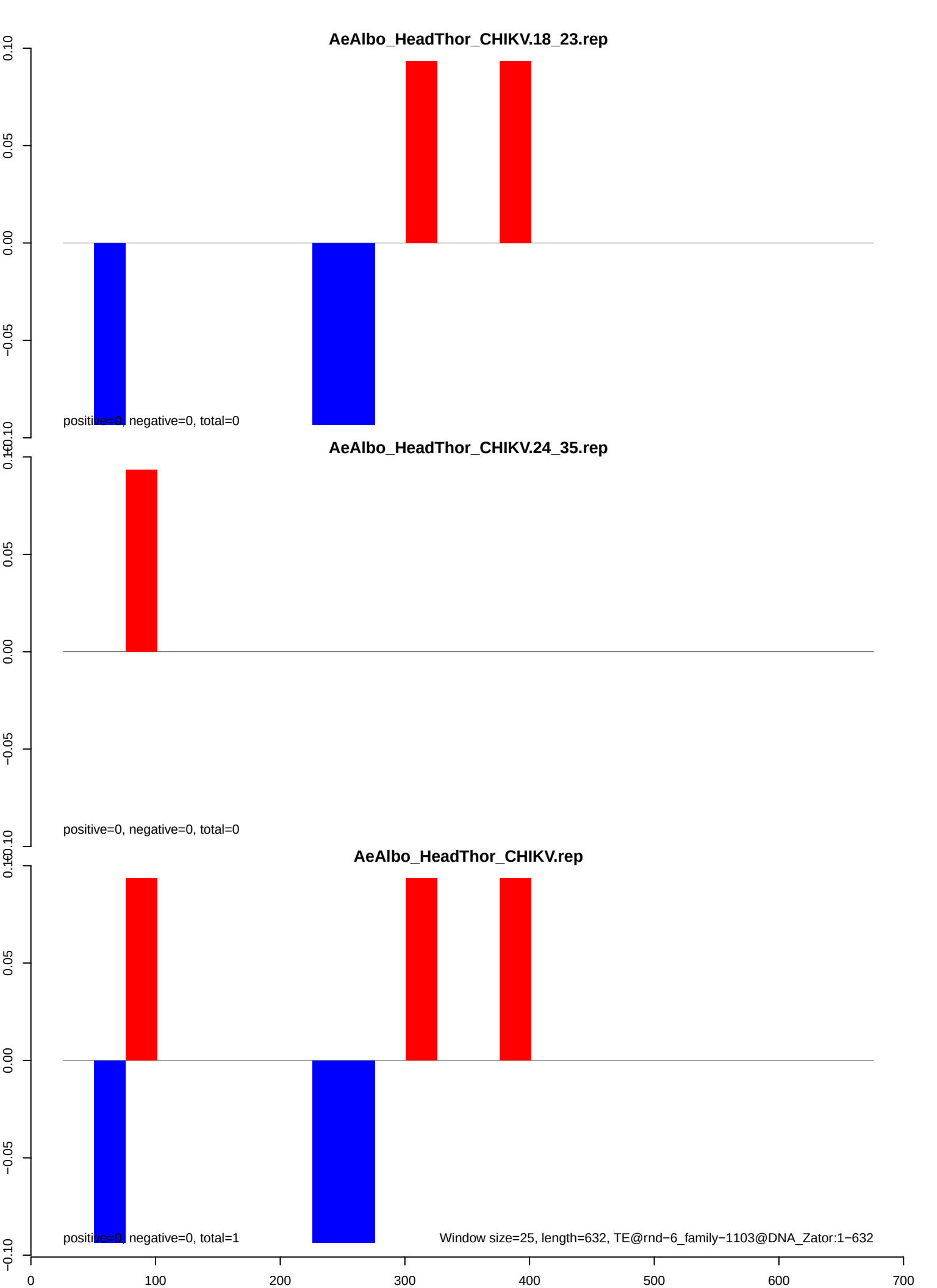

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=697, TE@rnd−6_family−155@Satellite:1−697
0
100
200
300
400
500
600
700

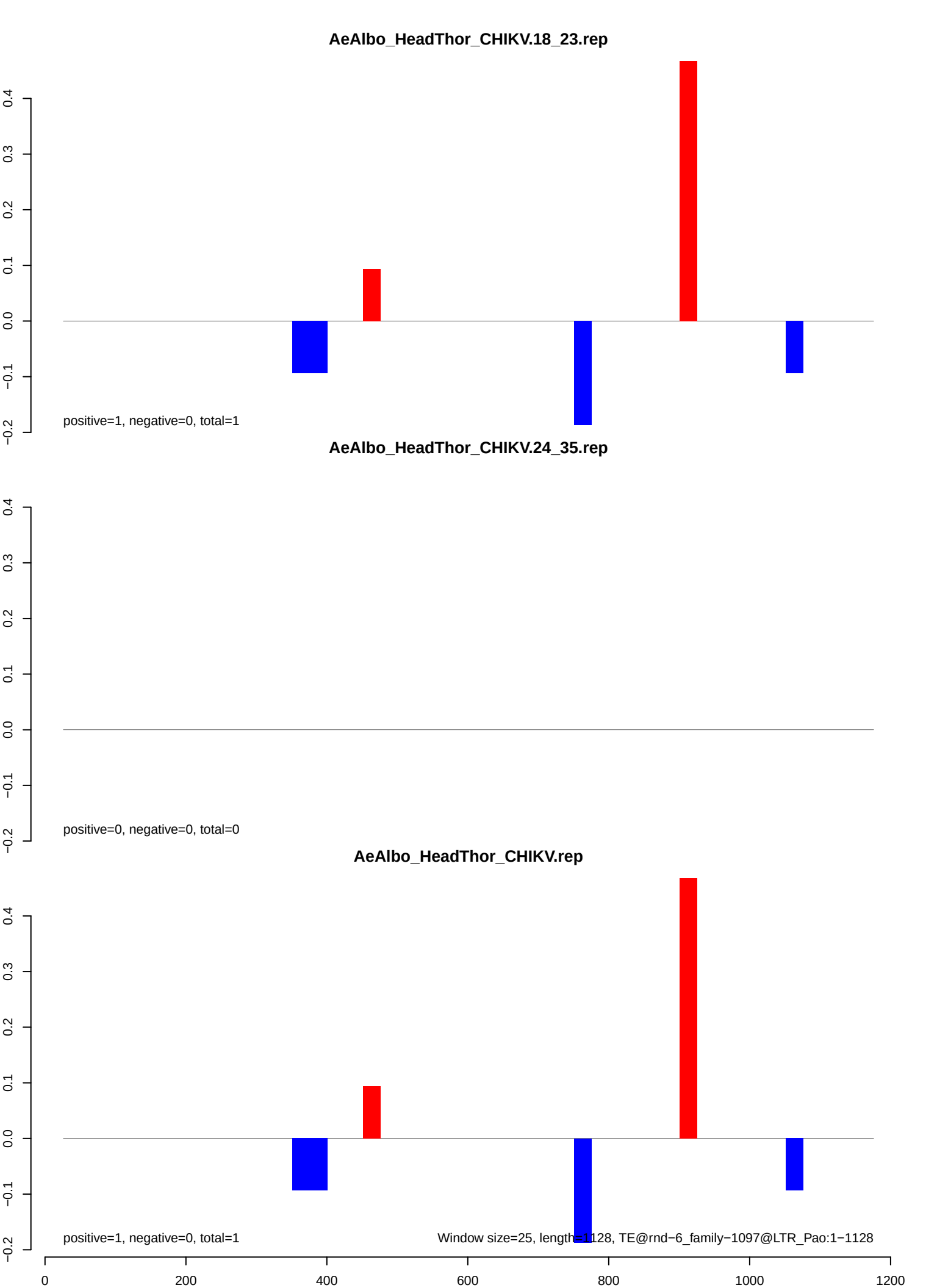

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=619, TE@rnd−6_family−1471@LINE_R1−LOA:1−619
100
200
300
400
500
600

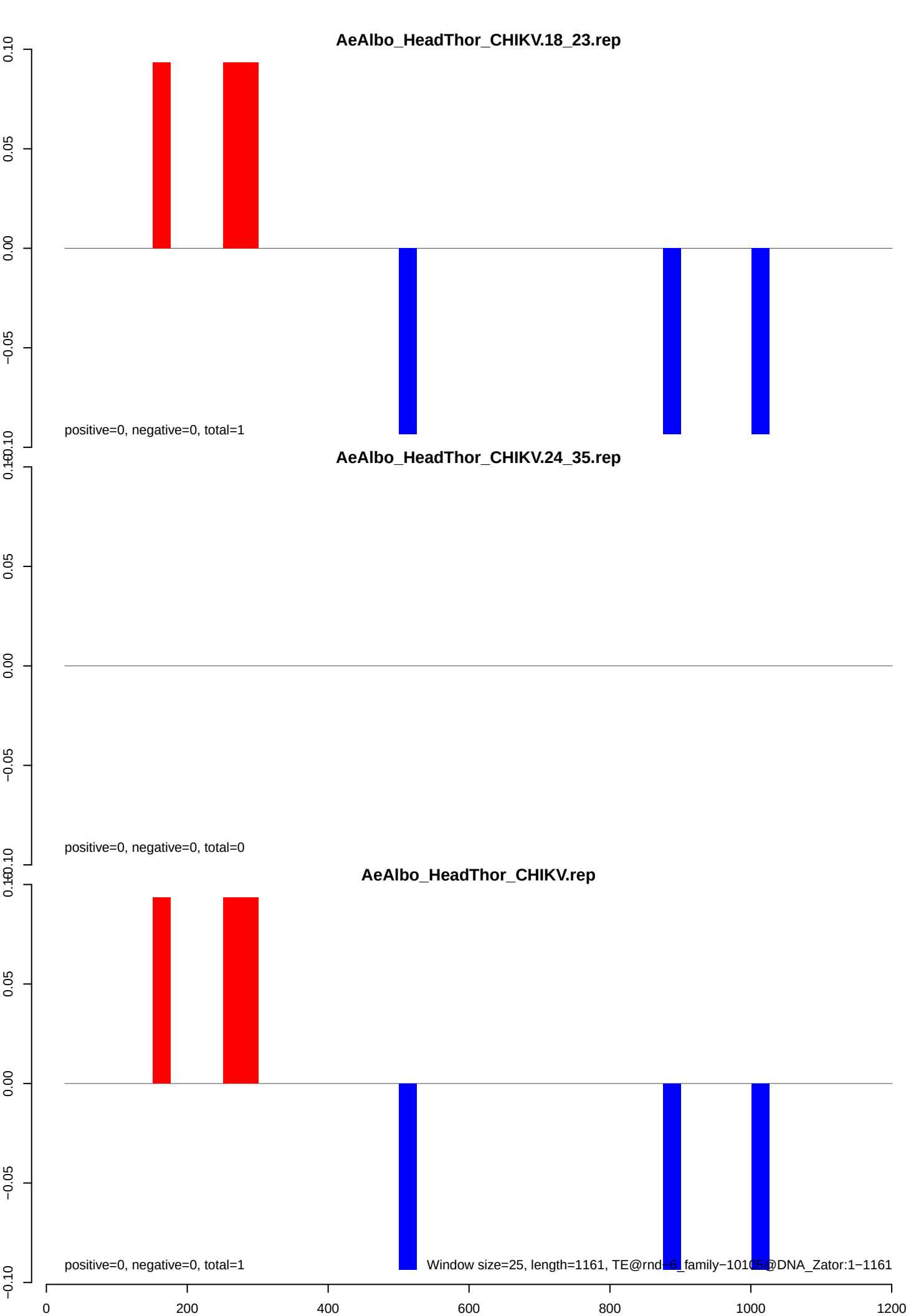

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=810, TE@rnd−6_family−1356@LINE_RTE−ORTE:1−810
0
200
400
600
800

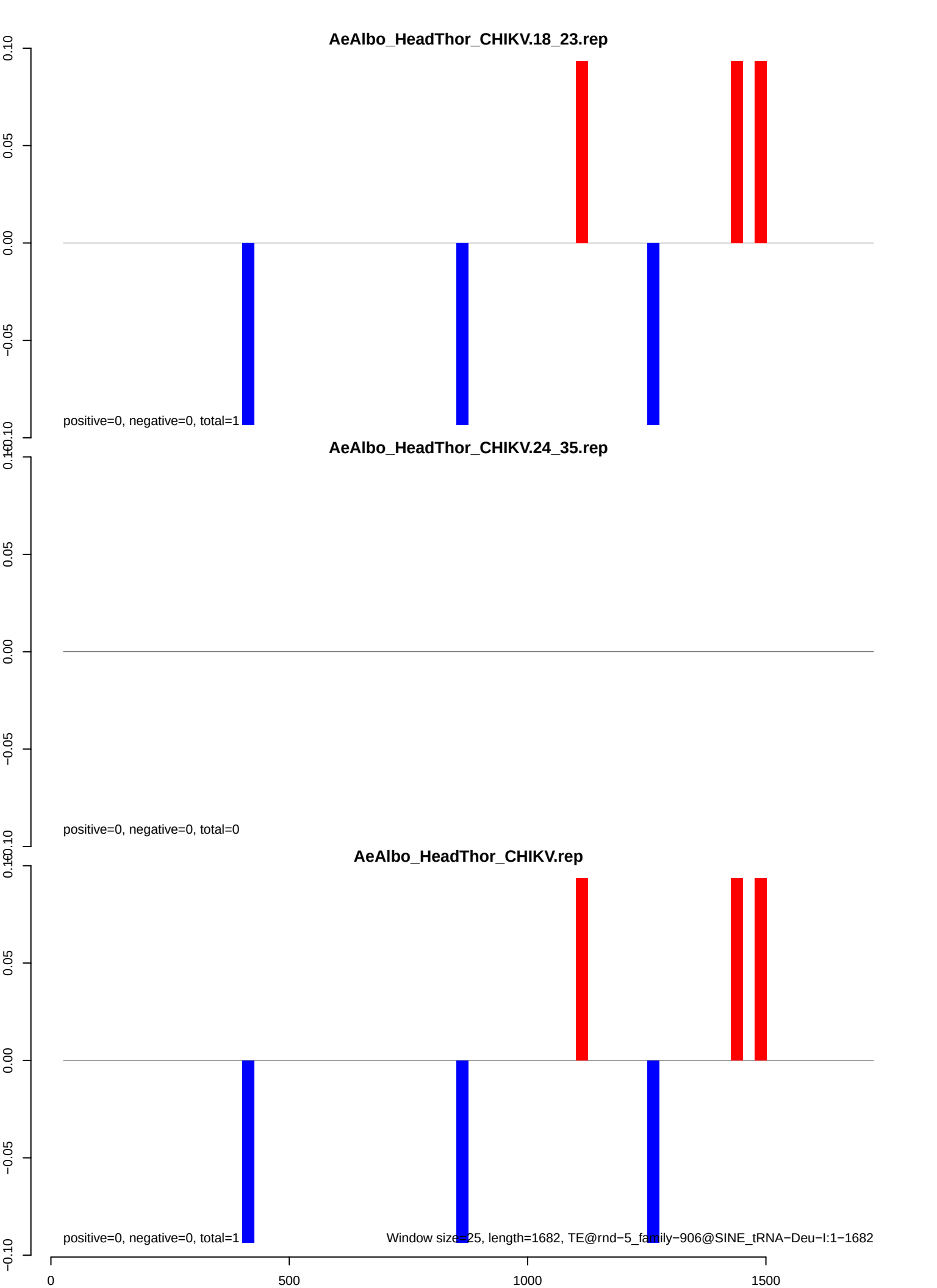

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=2, total=2
Window size=25, length=989, TE@rnd−6_family−1311@LTR_Copia:1−989
0
200
400
600
800
1000

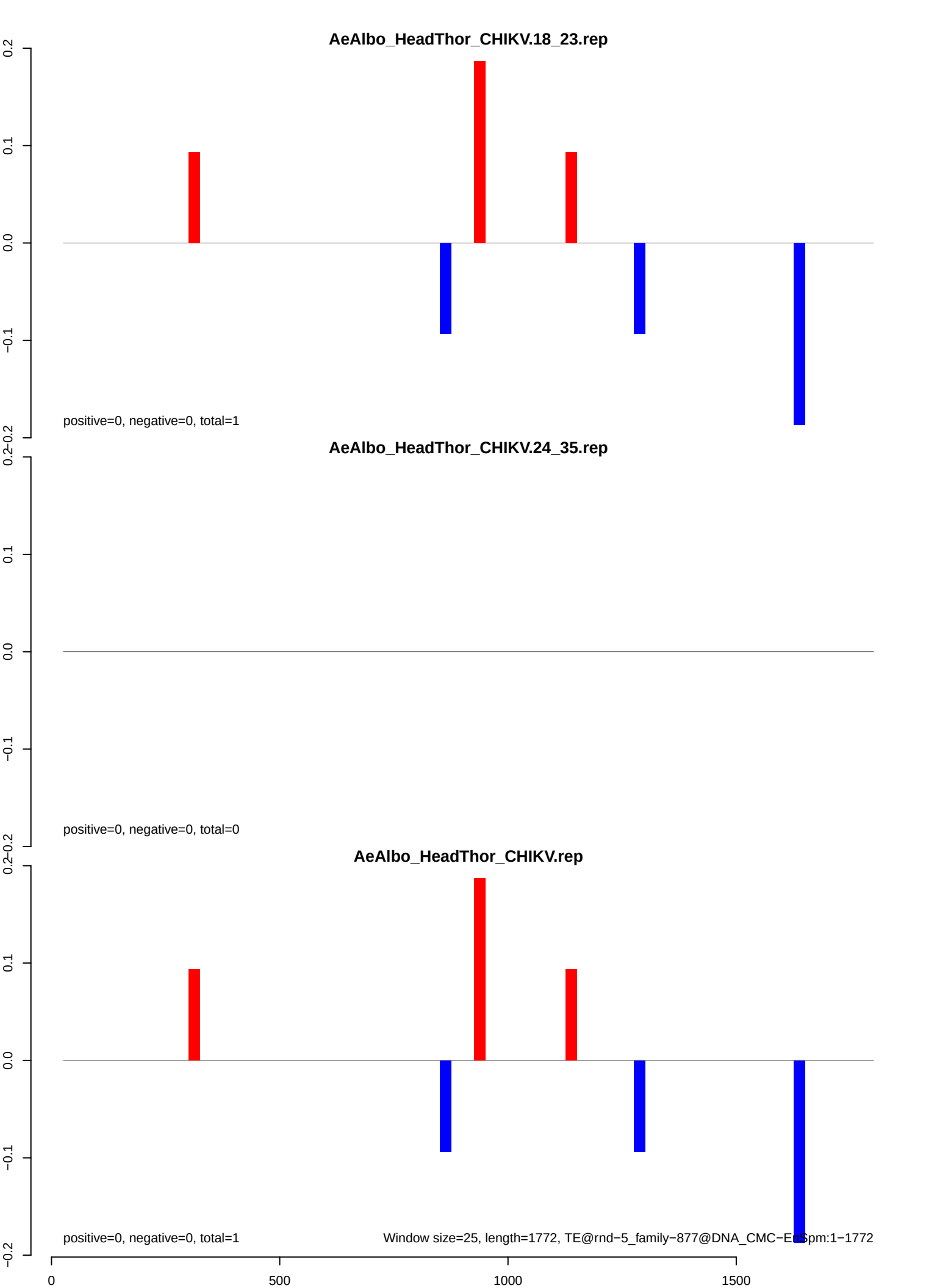

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1257, TE@rnd−6_family−11264@Unknown:1−1257
0
200
400
600
800
1000
1200

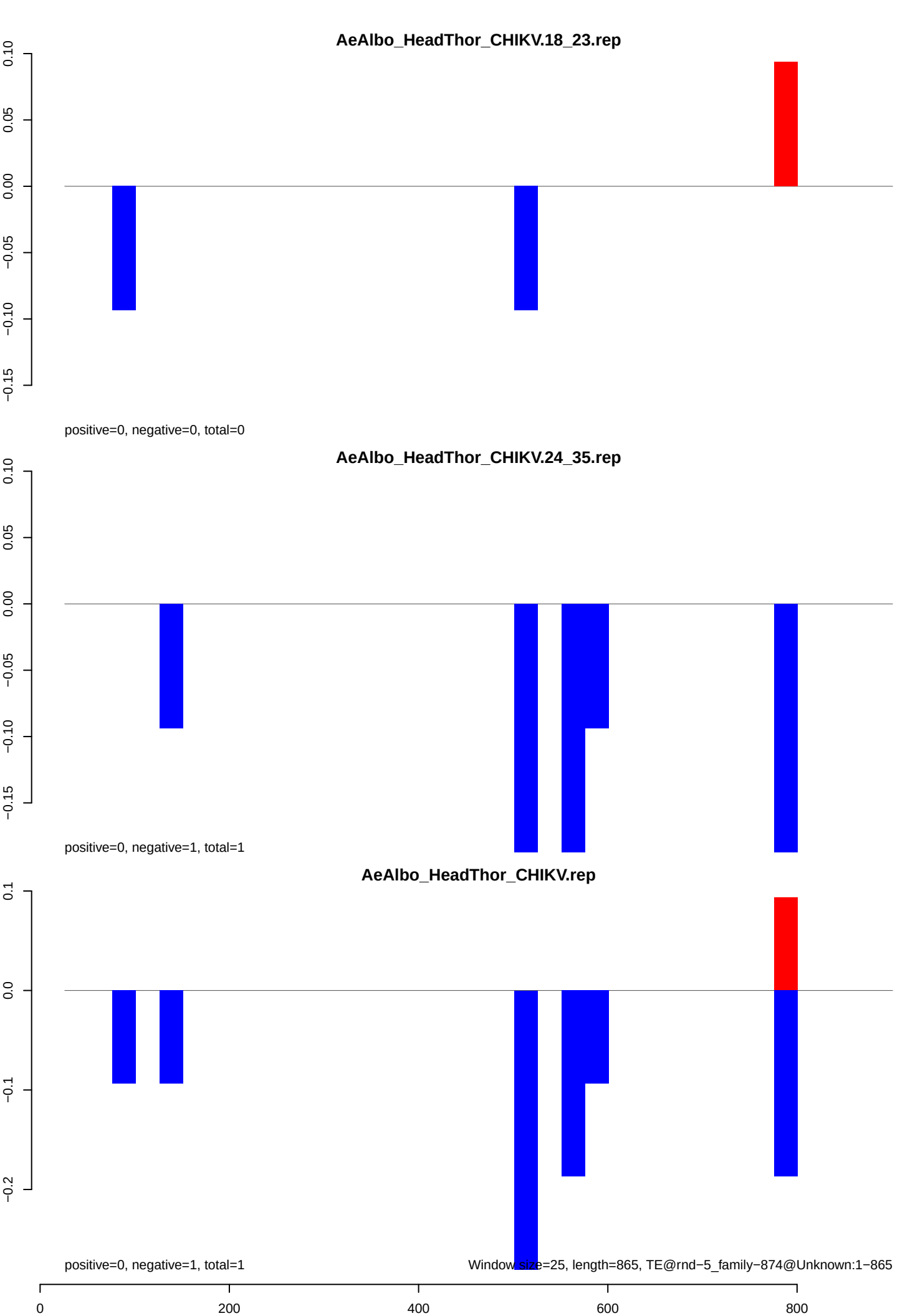

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=632, TE@rnd−6_family−1103@DNA_Zator:1−632
0
100
200
300
400
500
600
700

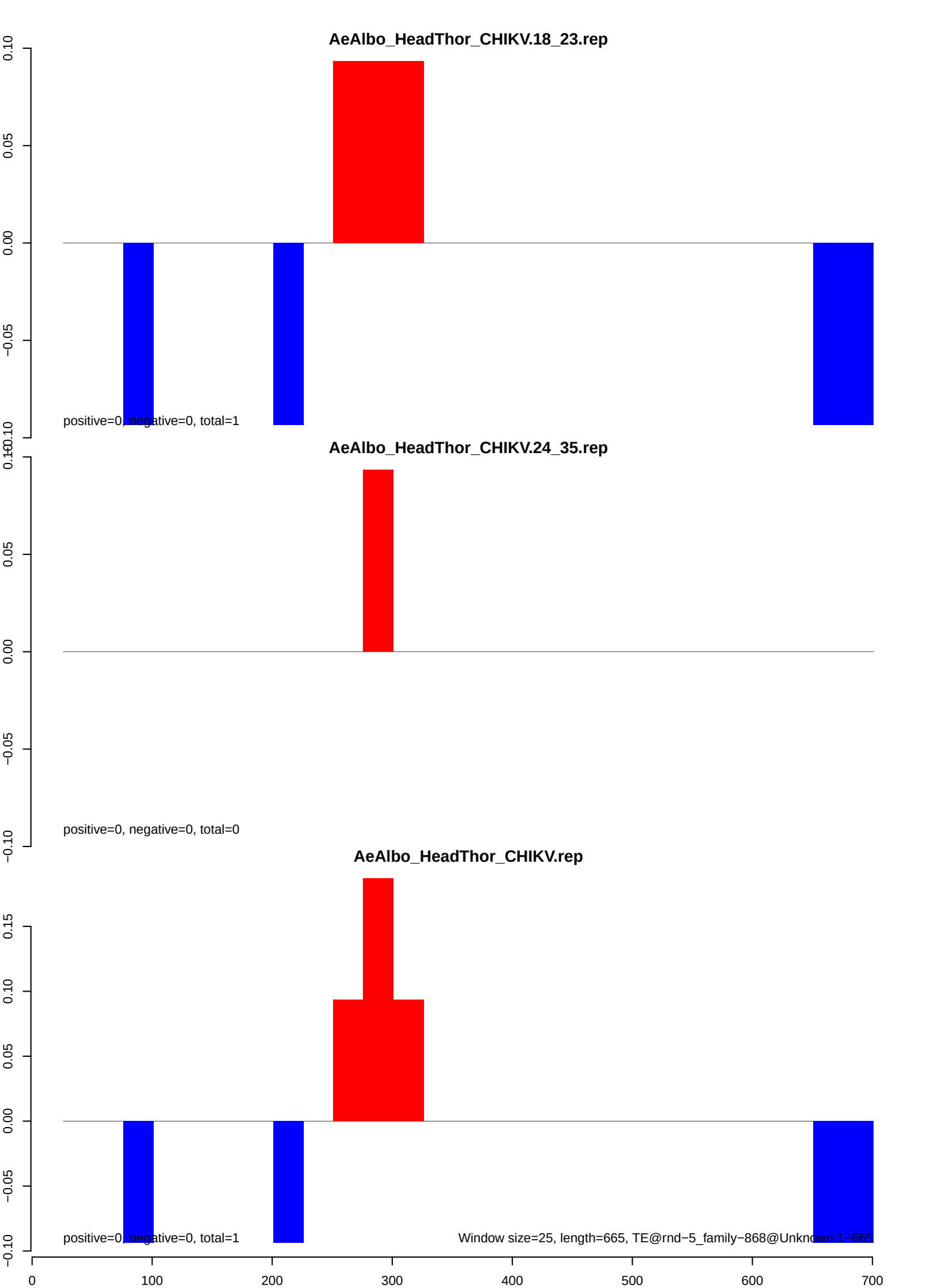

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1128, TE@rnd−6_family−1097@LTR_Pao:1−1128
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000
1200

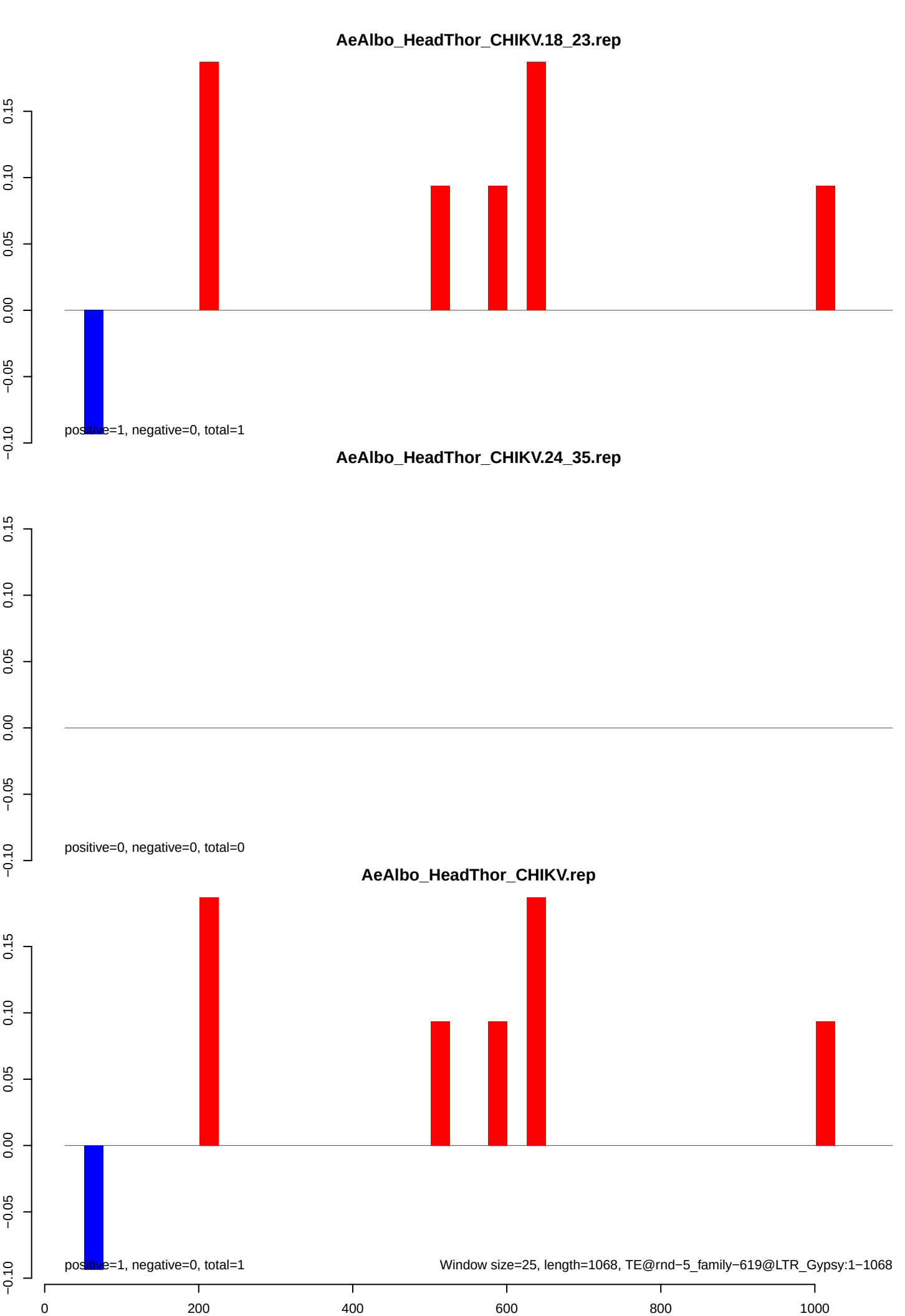

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=1161, TE@rnd−6_family−10105@DNA_Zator:1−1161
0
200
400
600
800
1000
1200

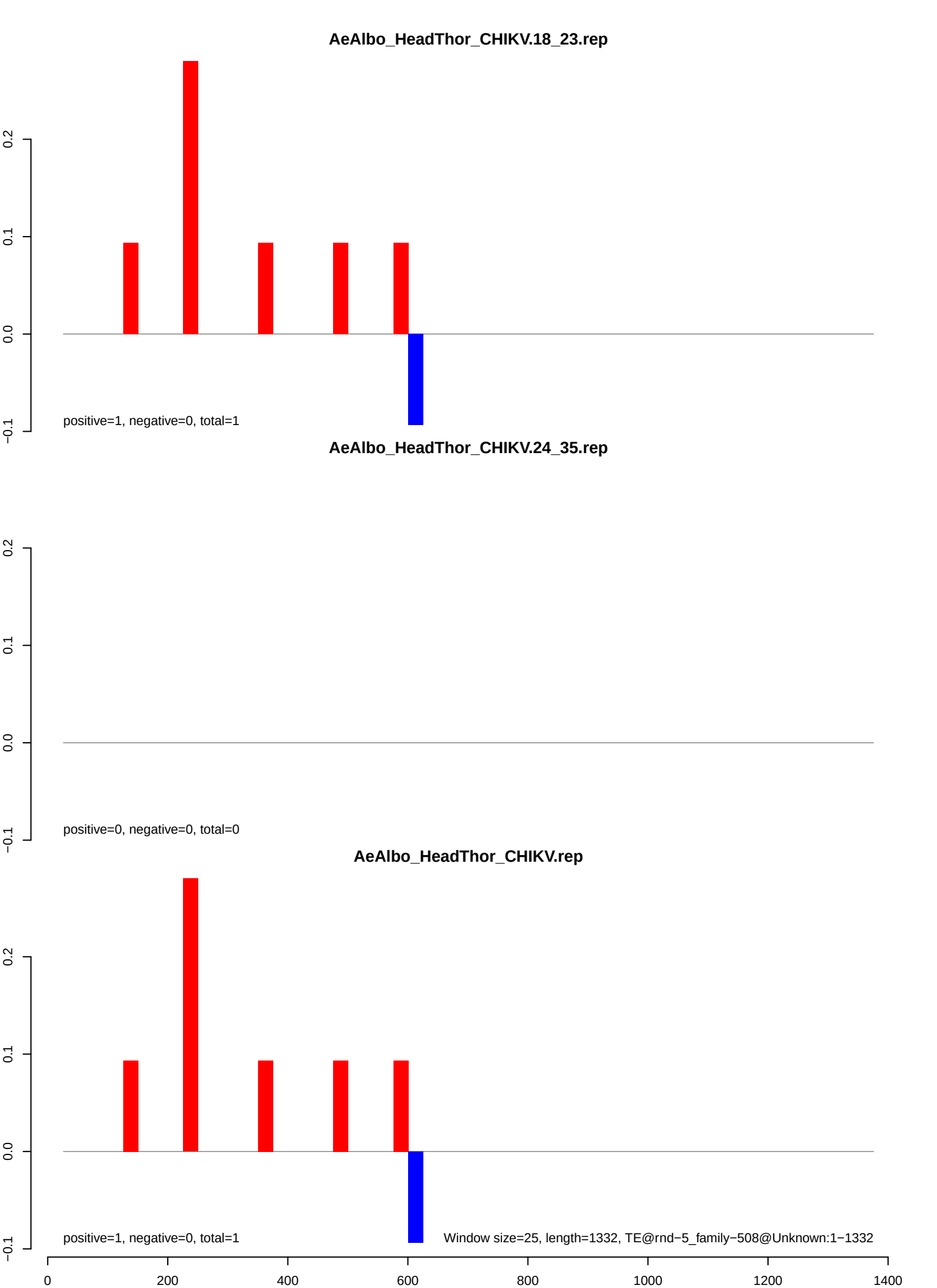

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=1682, TE@rnd−5_family−906@SINE_tRNA−Deu−I:1−1682
0.10
0.05
0.00
−0.05
−0.10
0
500
1000
1500

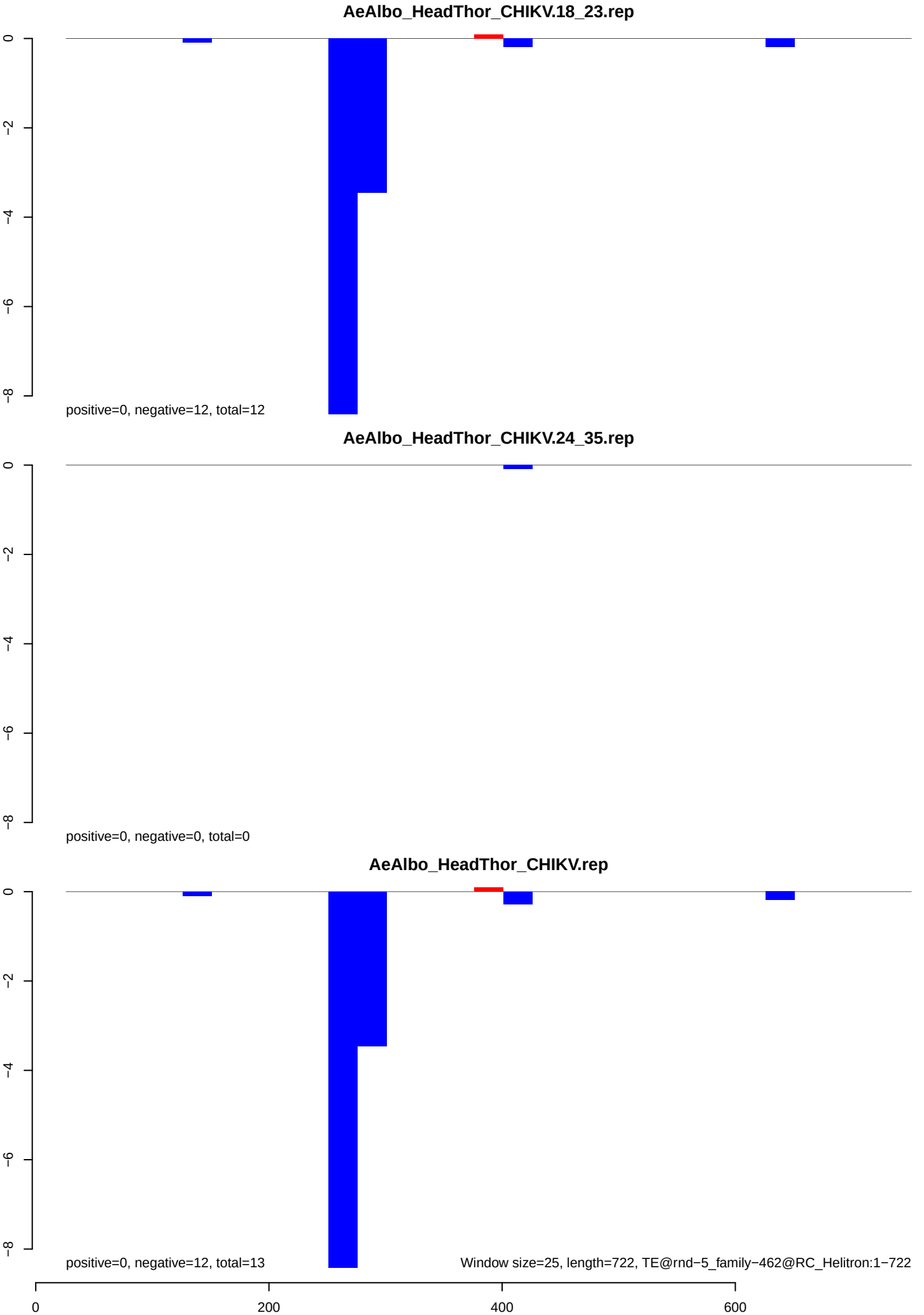

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=1772, TE@rnd−5_family−877@DNA_CMC−EnSpm:1−1772
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500

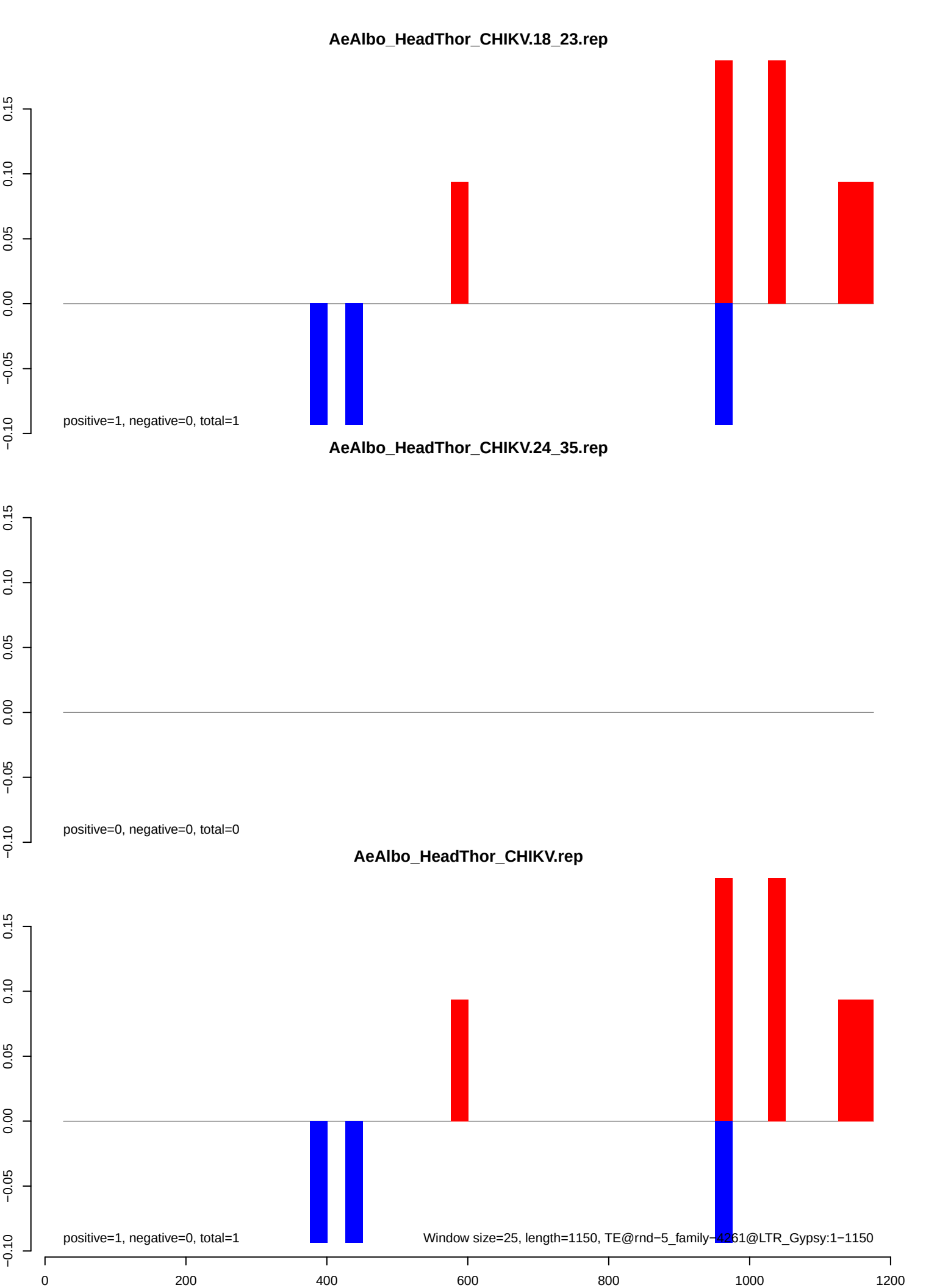

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=865, TE@rnd−5_family−874@Unknown:1−865
0
200
400
600
800

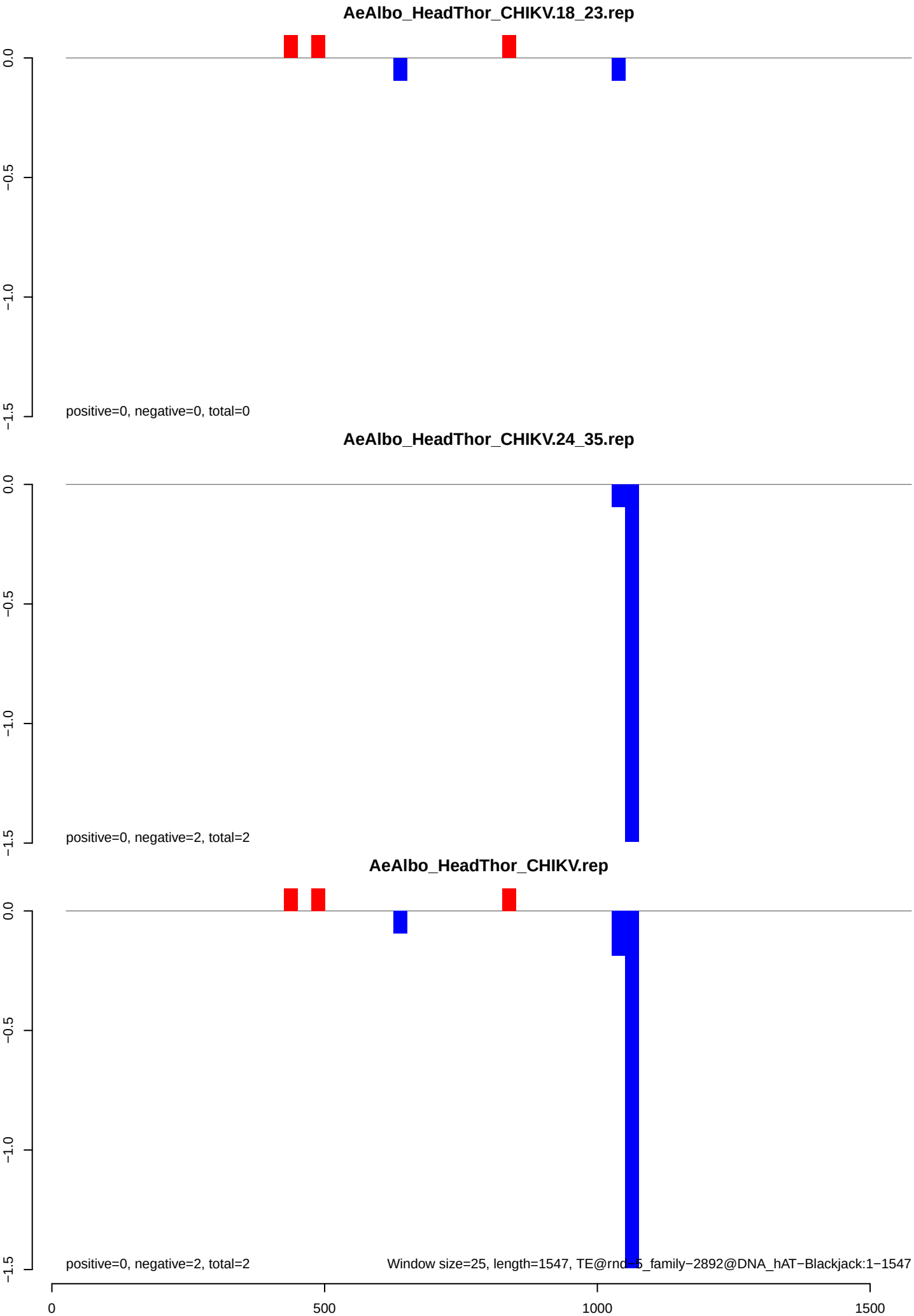

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=665, TE@rnd−5_family−868@Unknown:1−665
0
100
200
300
400
500
600
700

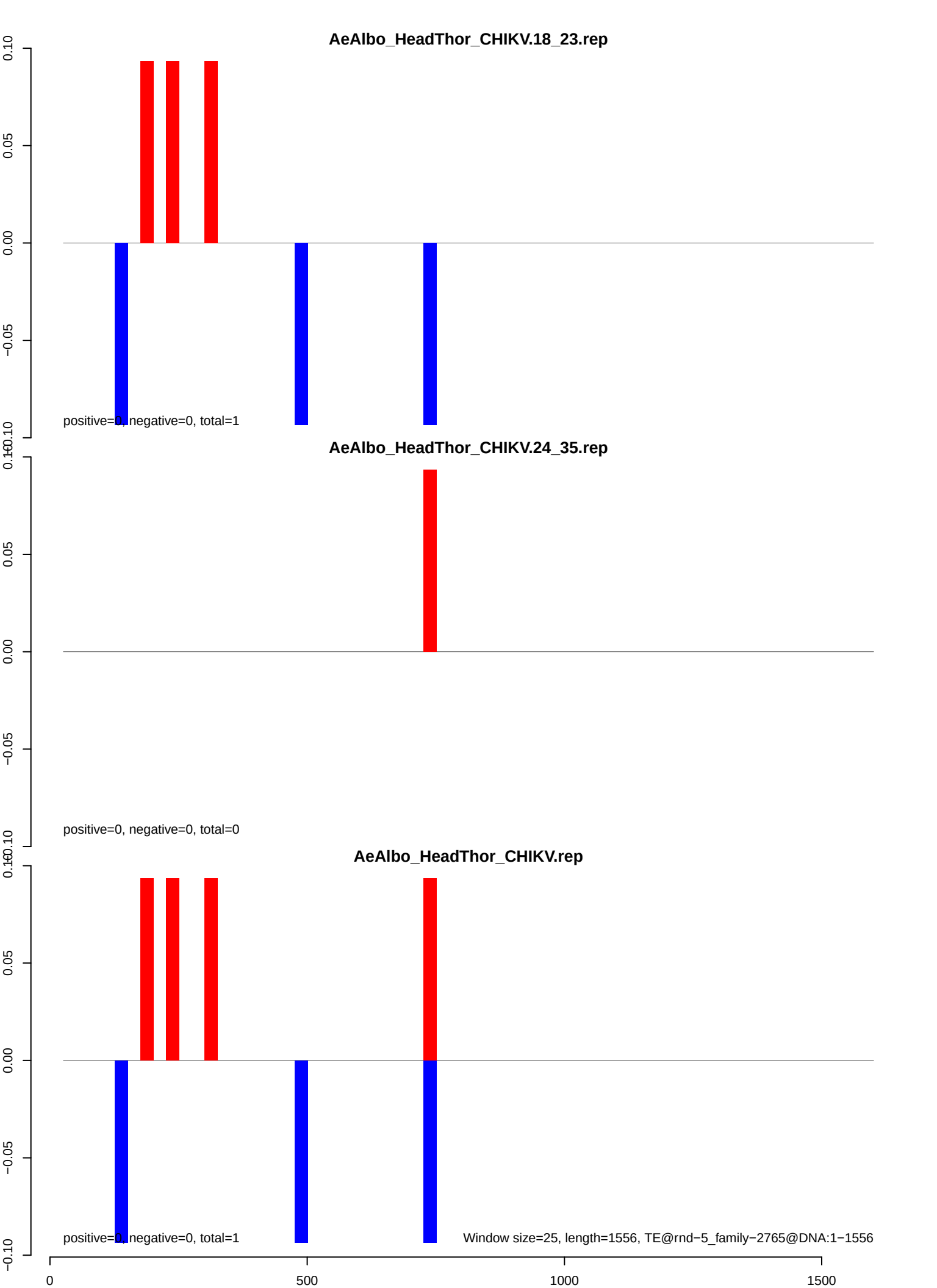

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=1068, TE@rnd−5_family−619@LTR_Gypsy:1−1068
0
200
400
600
800
1000

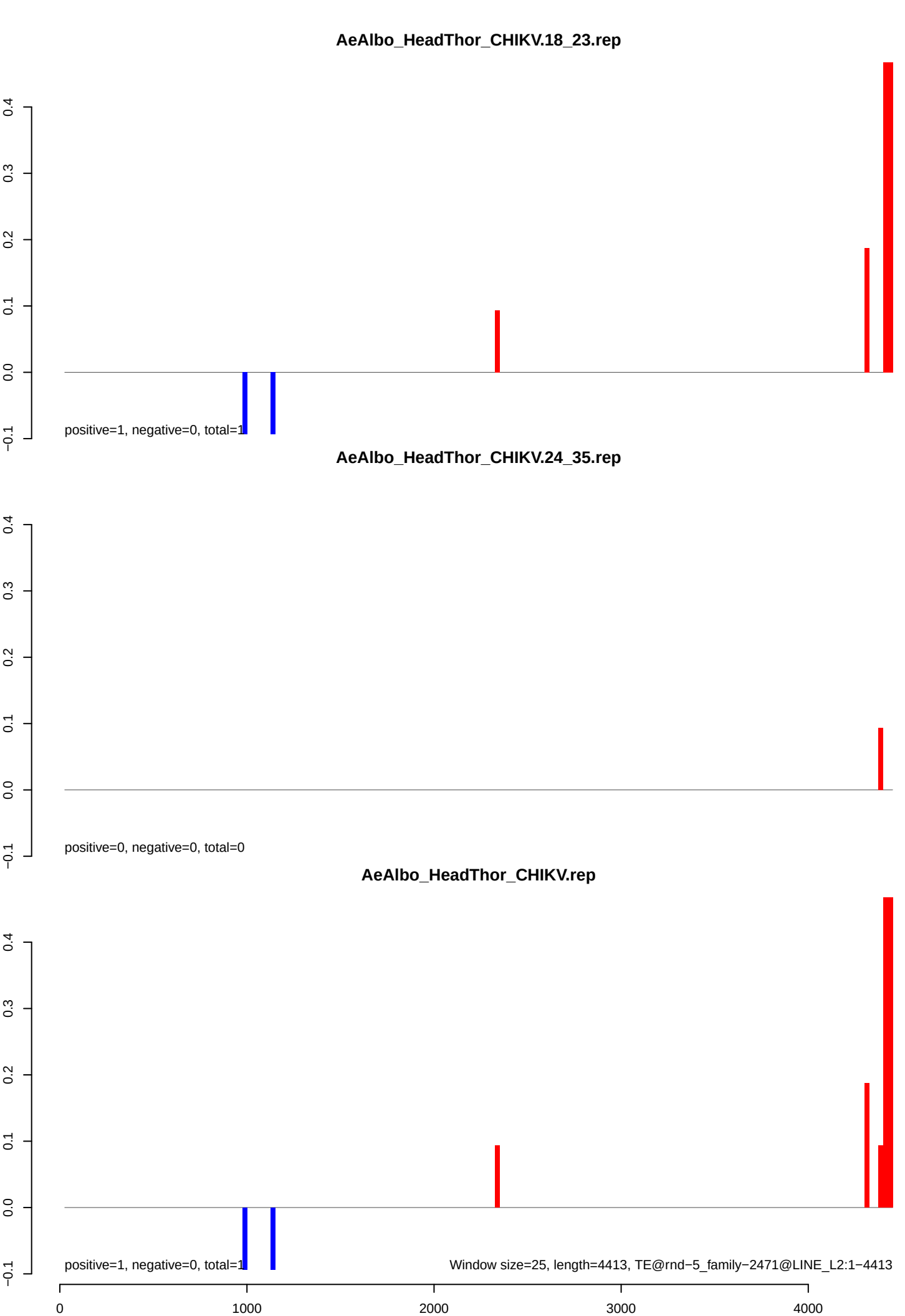

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1332, TE@rnd−5_family−508@Unknown:1−1332
0
200
400
600
800
1000
1200
1400

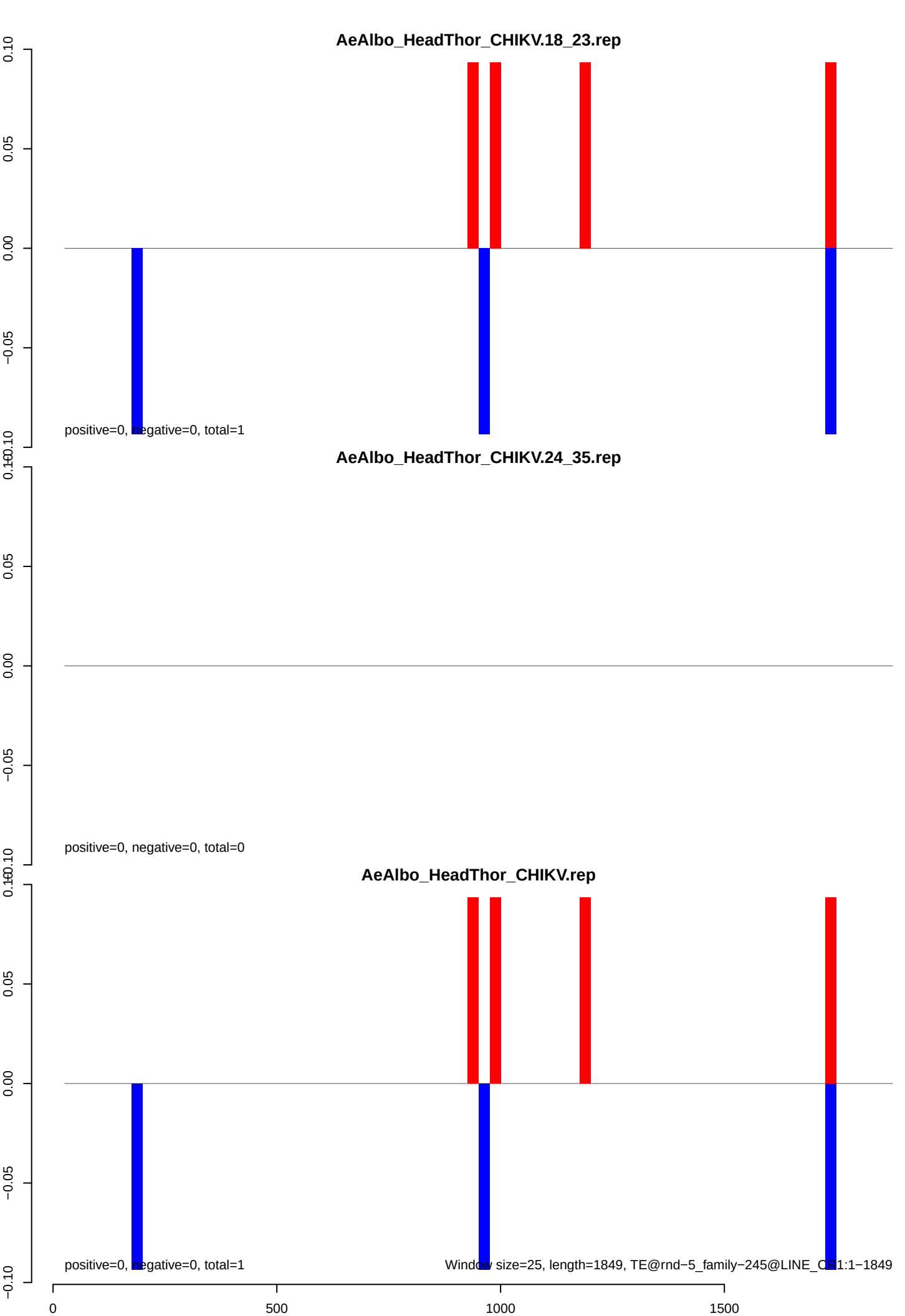

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=0, negative=12, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=0, negative=12, total=13
Window size=25, length=722, TE@rnd−5_family−462@RC_Helitron:1−722
0
200
400
600

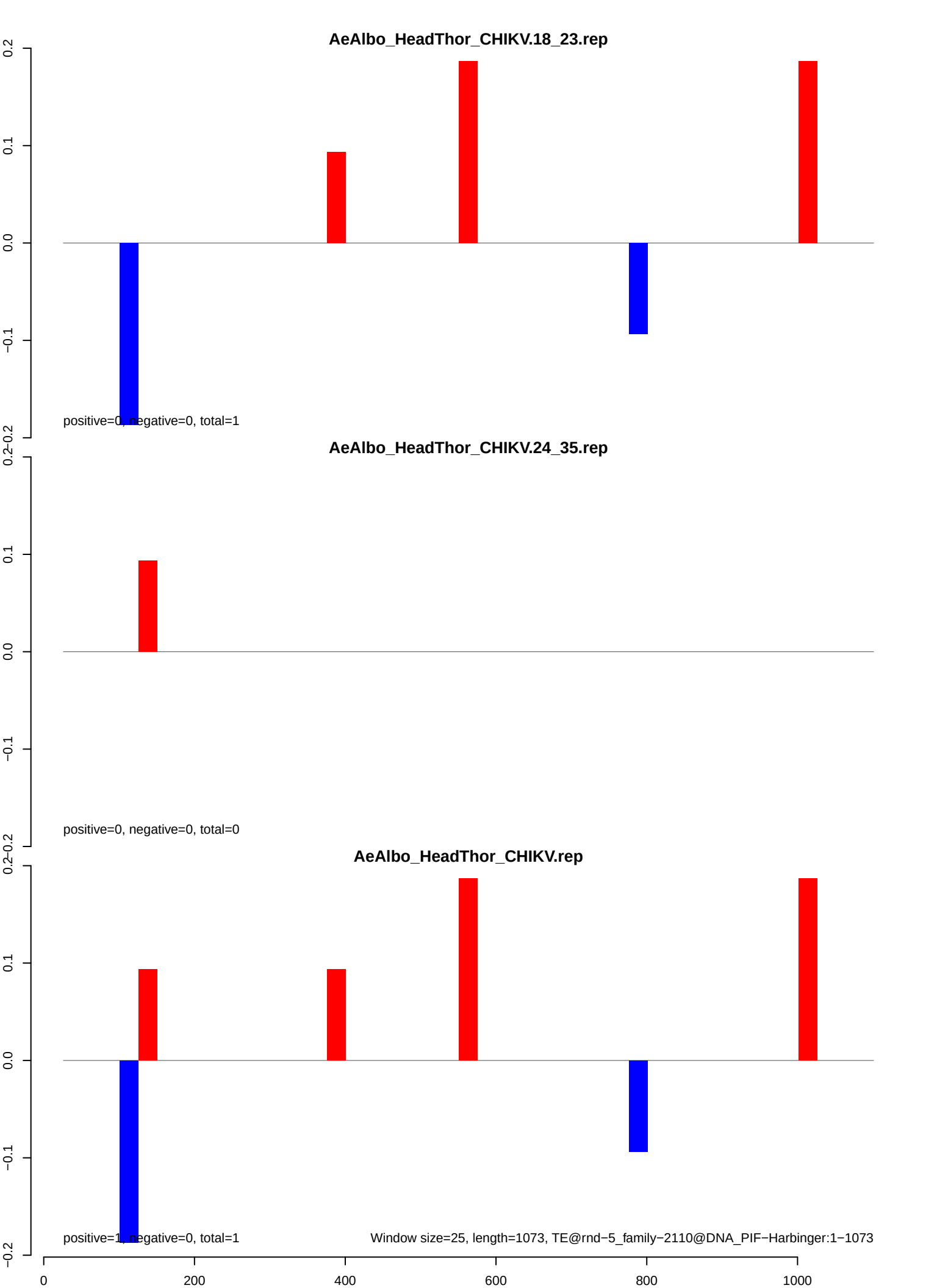

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=1150, TE@rnd−5_family−4261@LTR_Gypsy:1−1150
0
200
400
600
800
1000
1200

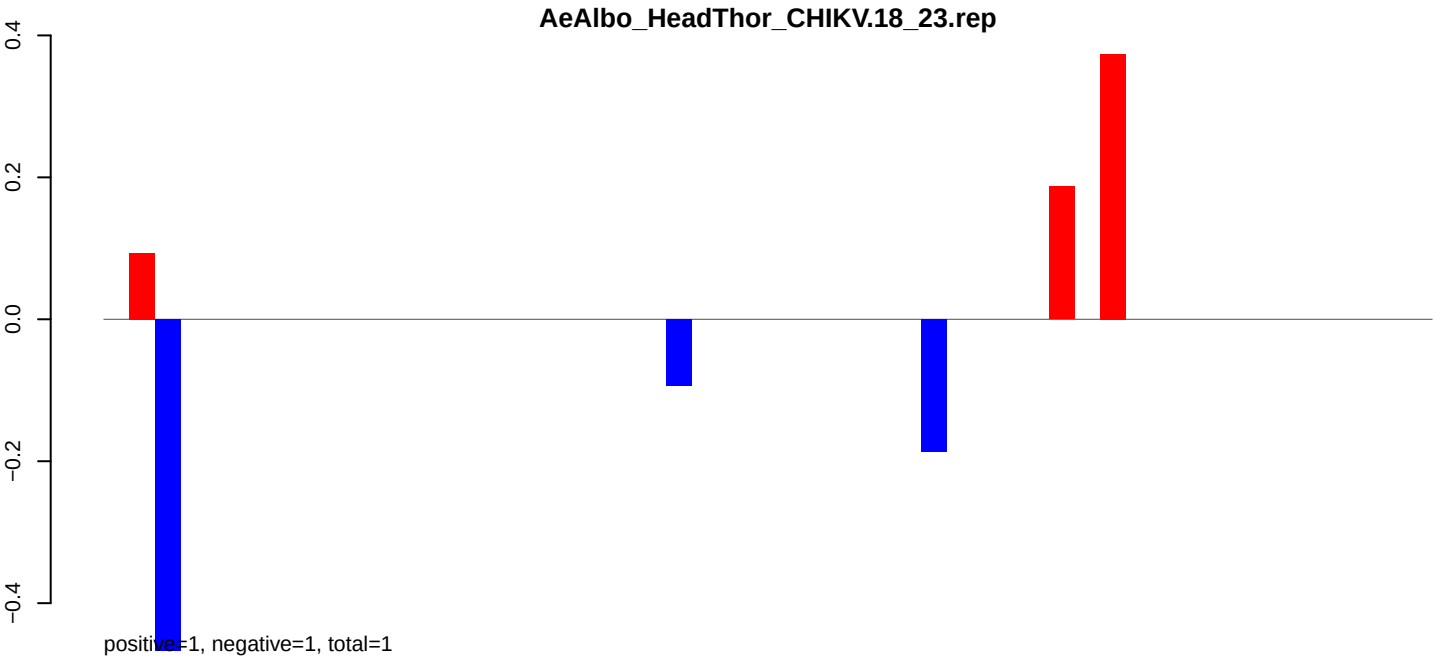

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
Window size=25, length=1547, TE@rnd−6_family−2892@DNA_hAT−Blackjack:1−1547
0
500
1000
1500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1556, TE@rnd−5_family−2765@DNA:1−1556
0
500
1000
1500

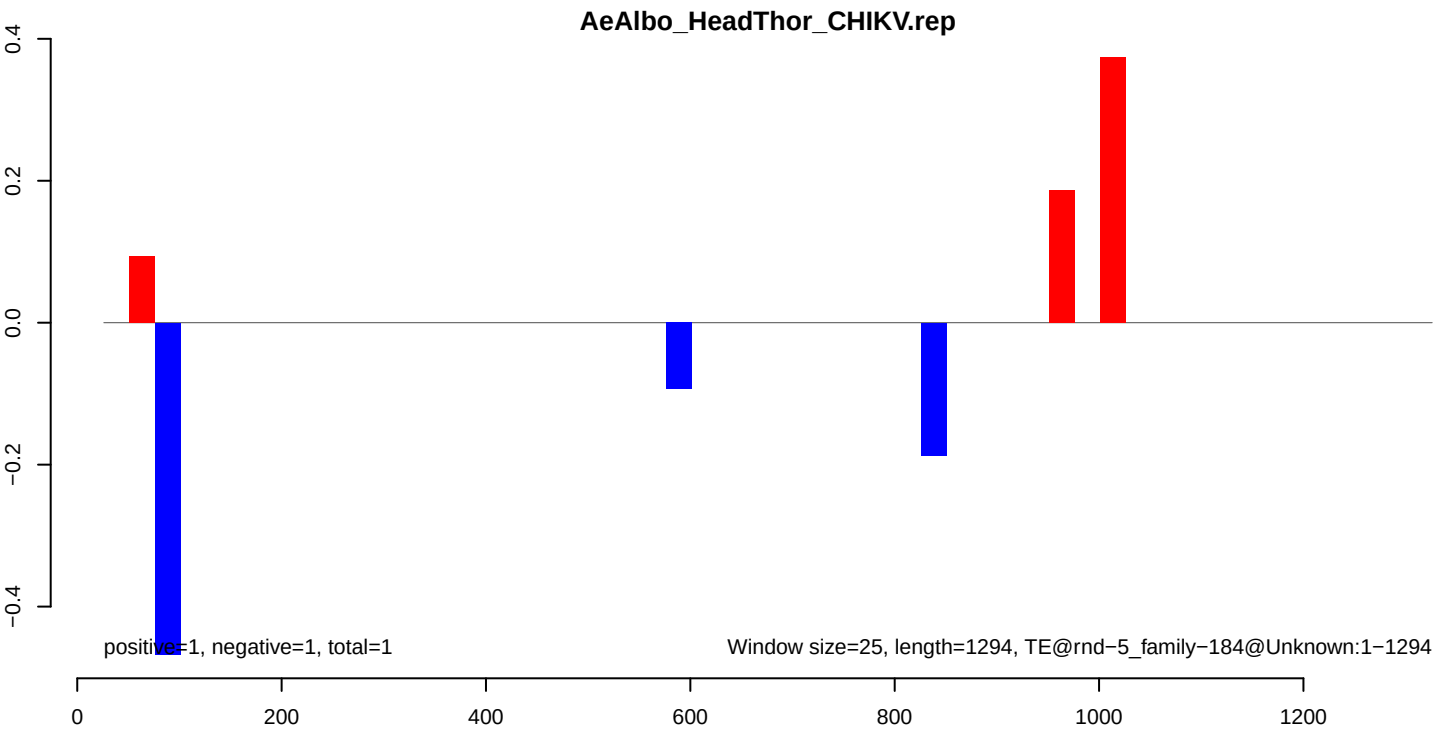

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=4413, TE@rnd−5_family−2471@LINE_L2:1−4413
0
1000
2000
3000
4000

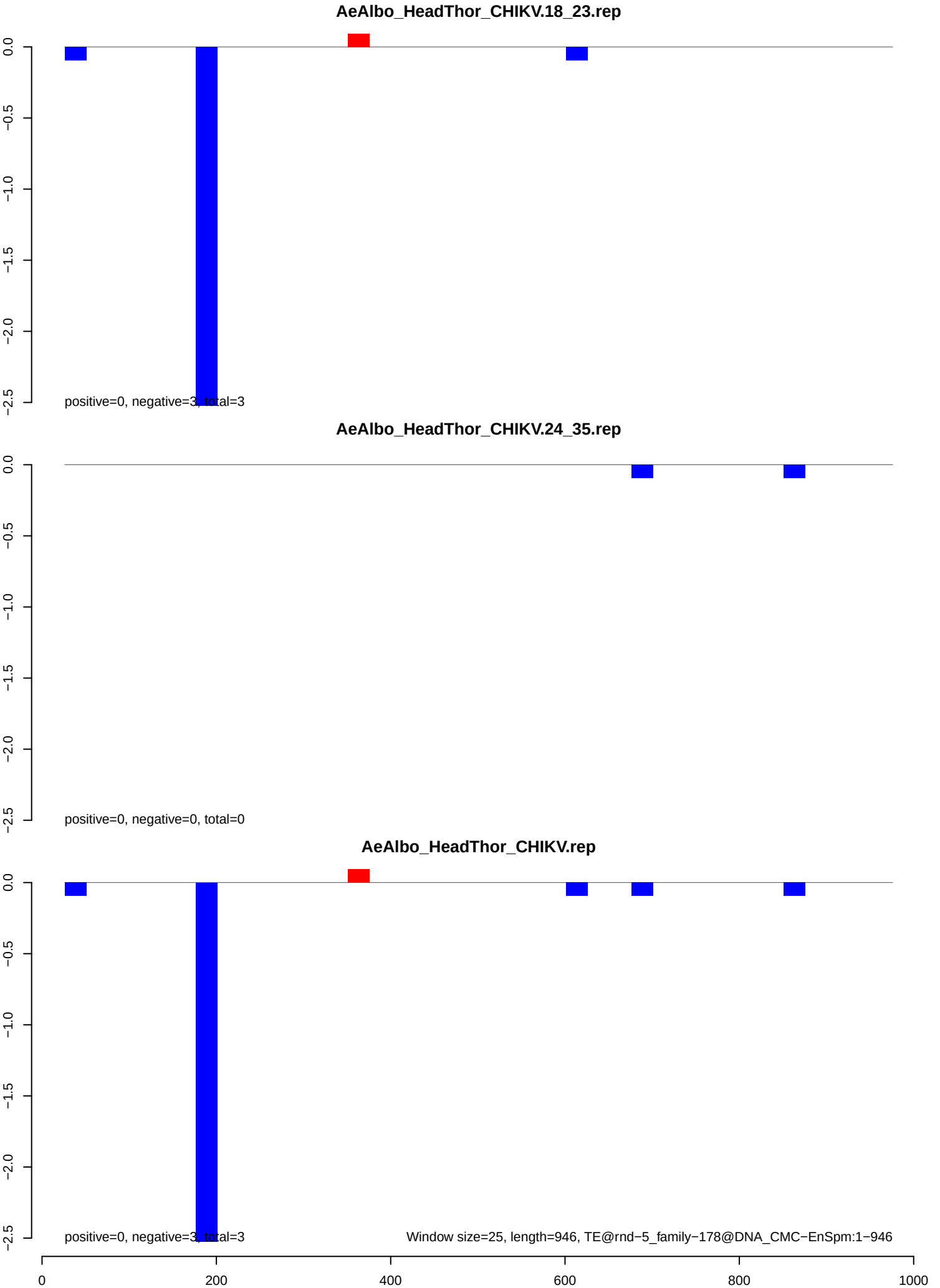

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1849, TE@rnd−5_family−245@LINE_CR1:1−1849
0
500
1000
1500

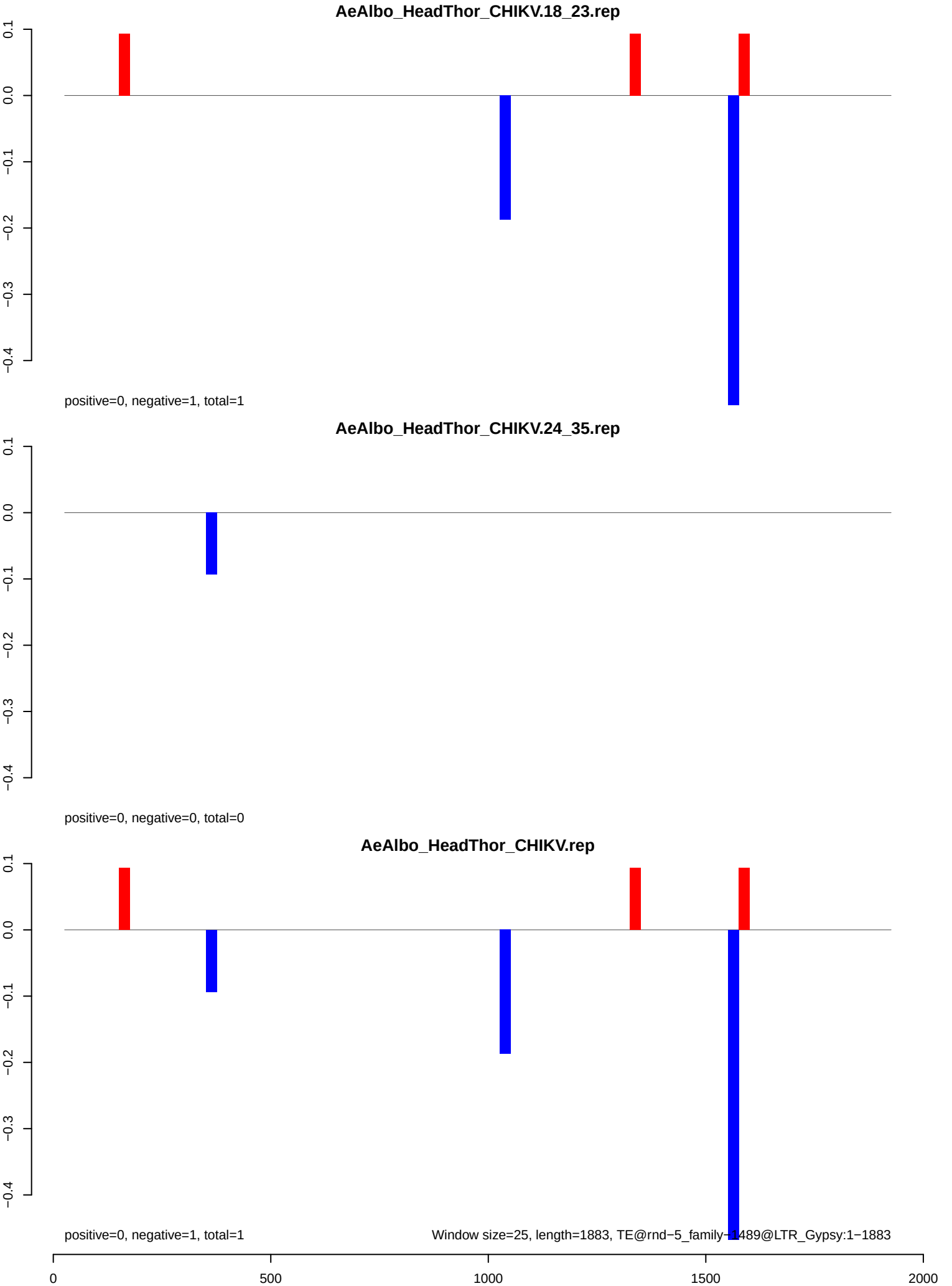

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1073, TE@rnd−5_family−2110@DNA_PIF−Harbinger:1−1073
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000

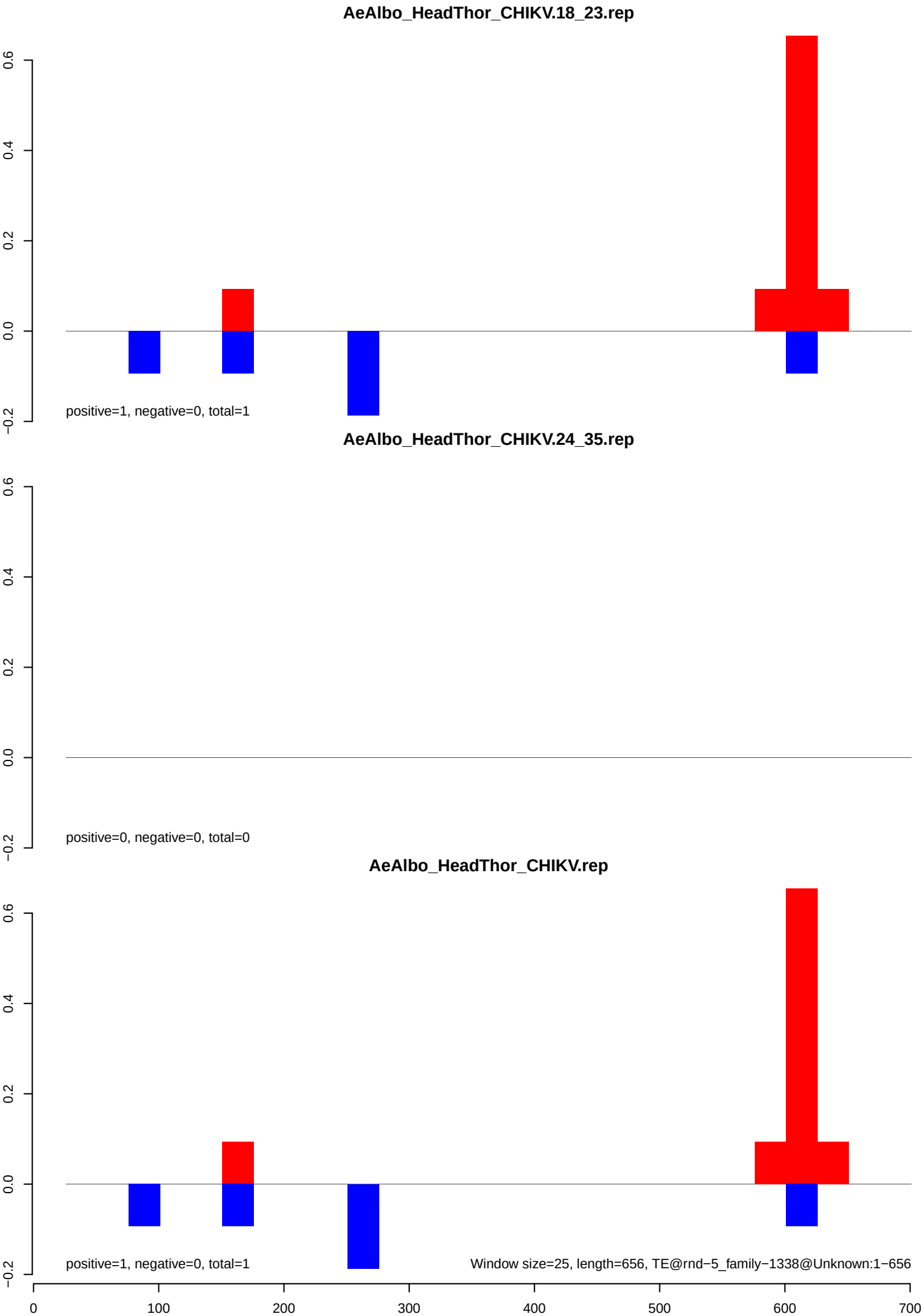

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=1

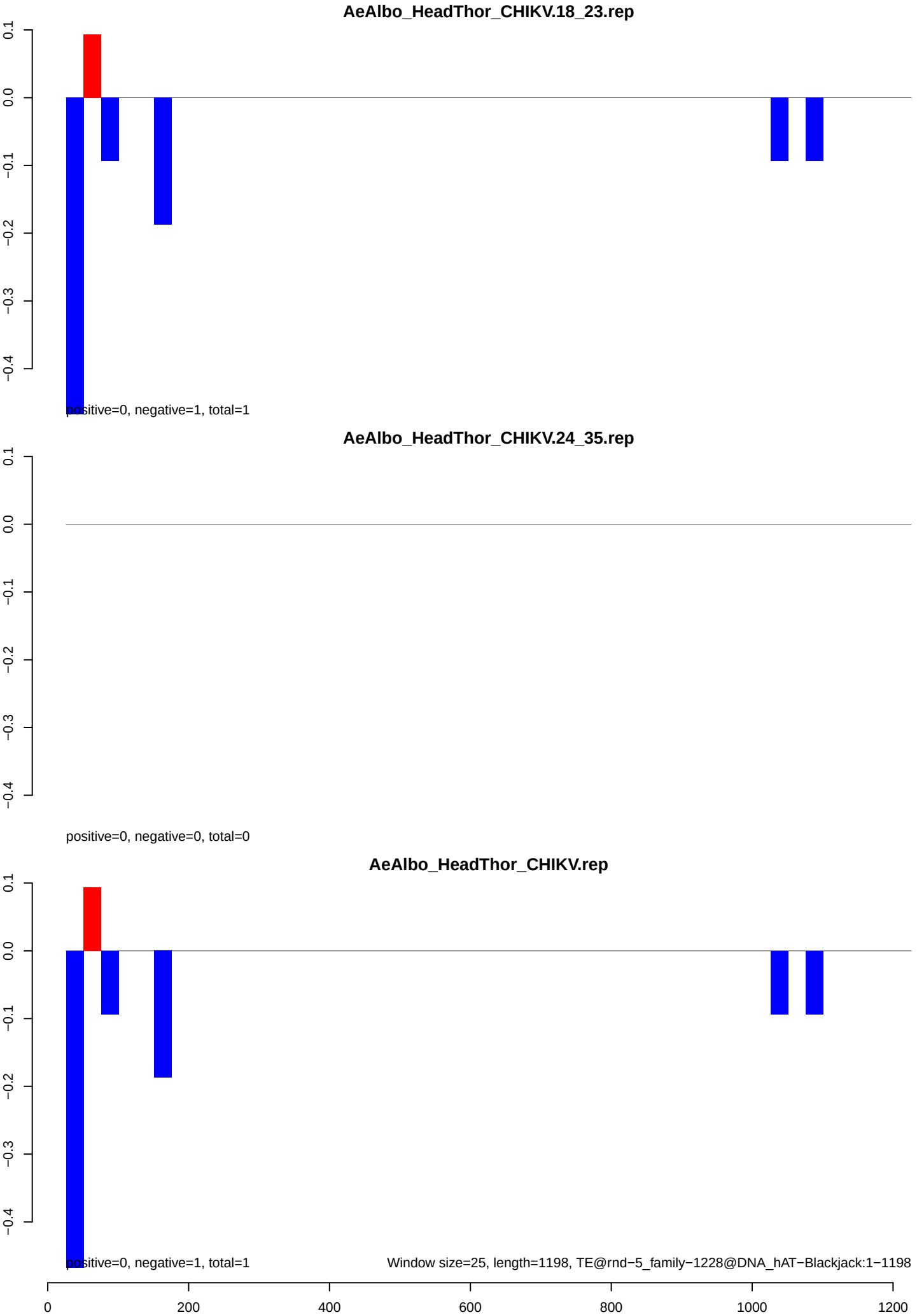
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

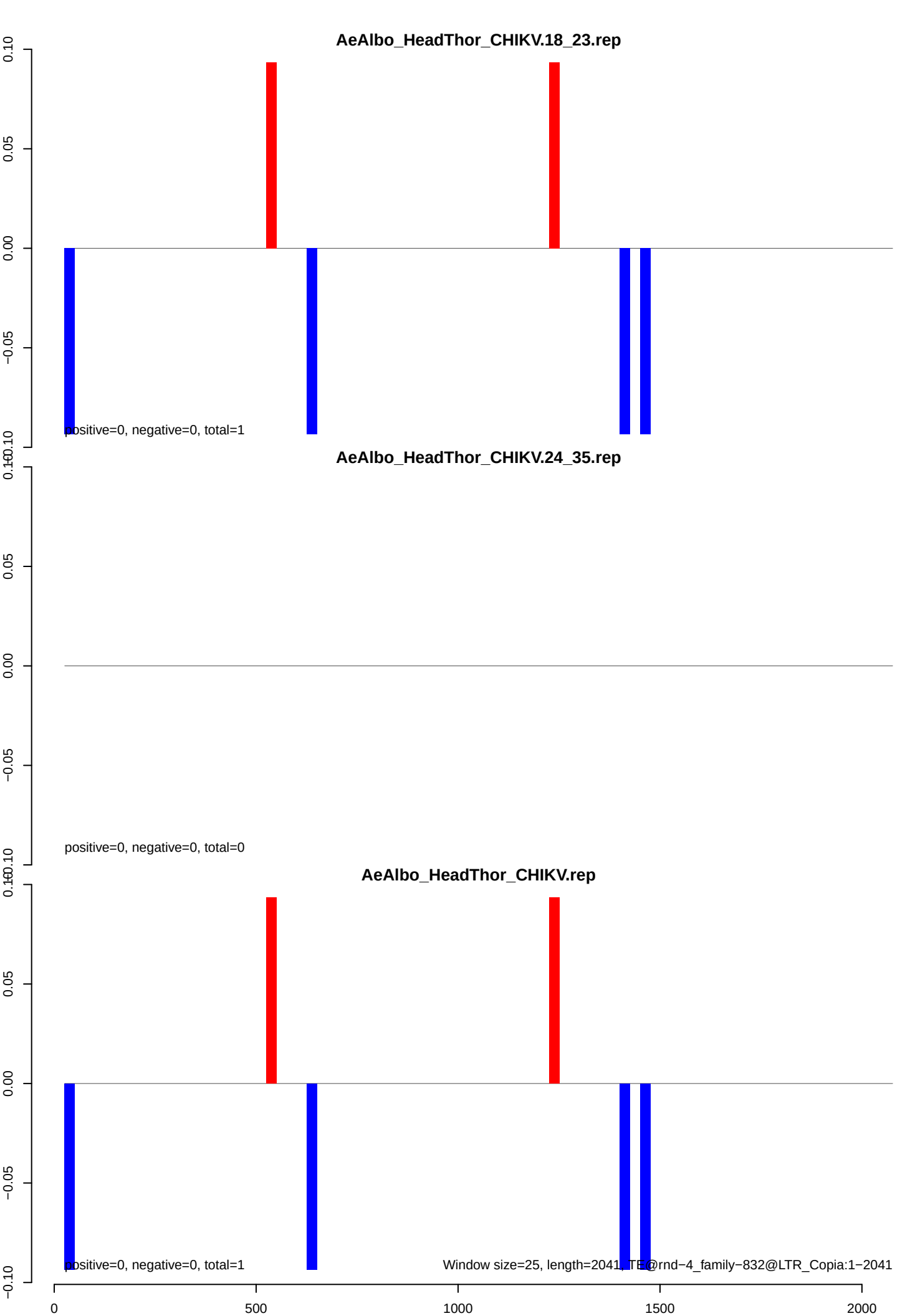

AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=1
Window size=25, length=1294, TE@rnd−5_family−184@Unknown:1−1294
0
200
400
600
800
1000
1200

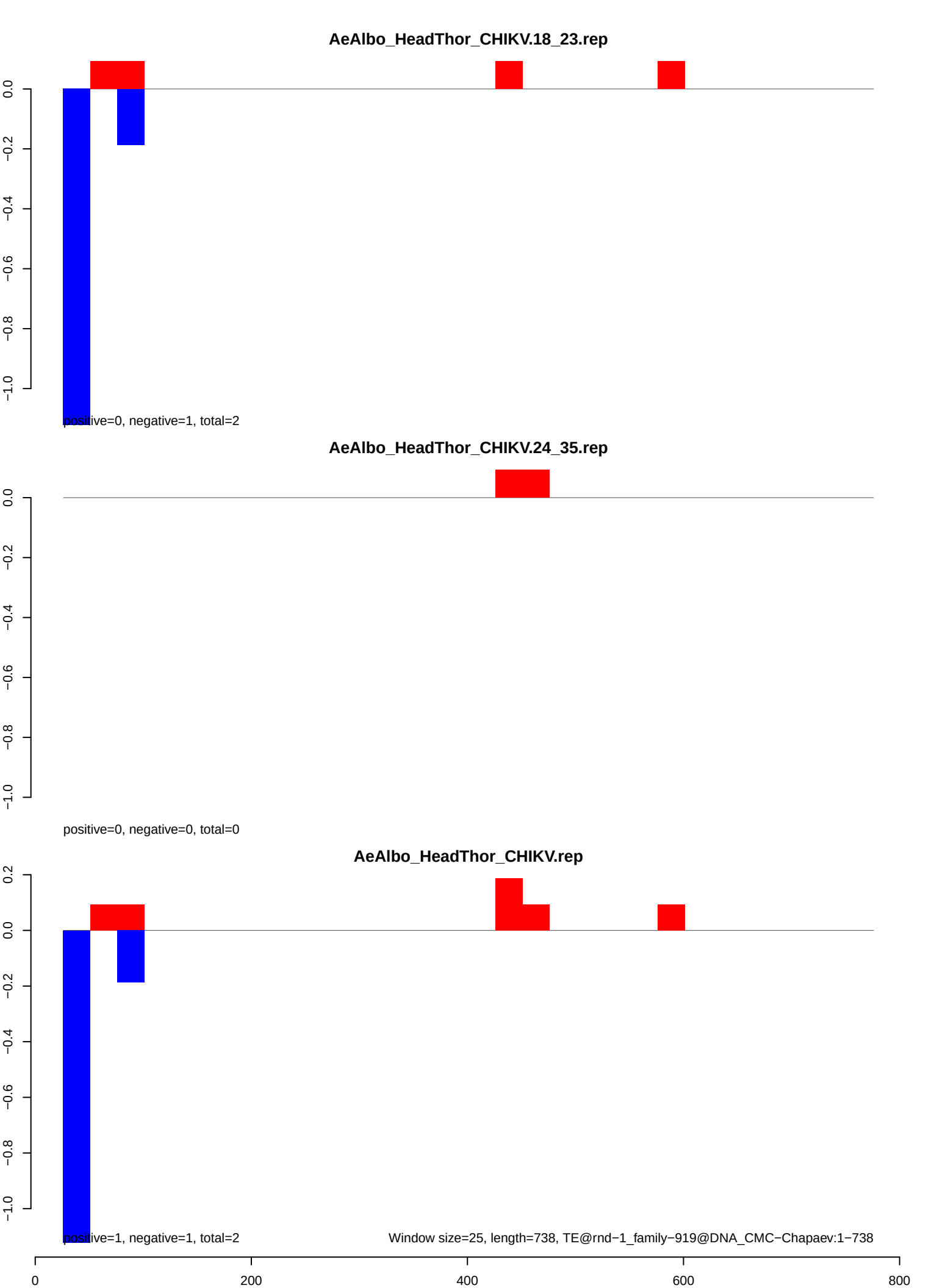

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=3, total=3
Window size=25, length=946, TE@rnd−5_family−178@DNA_CMC−EnSpm:1−946
0
200
400
600
800
1000

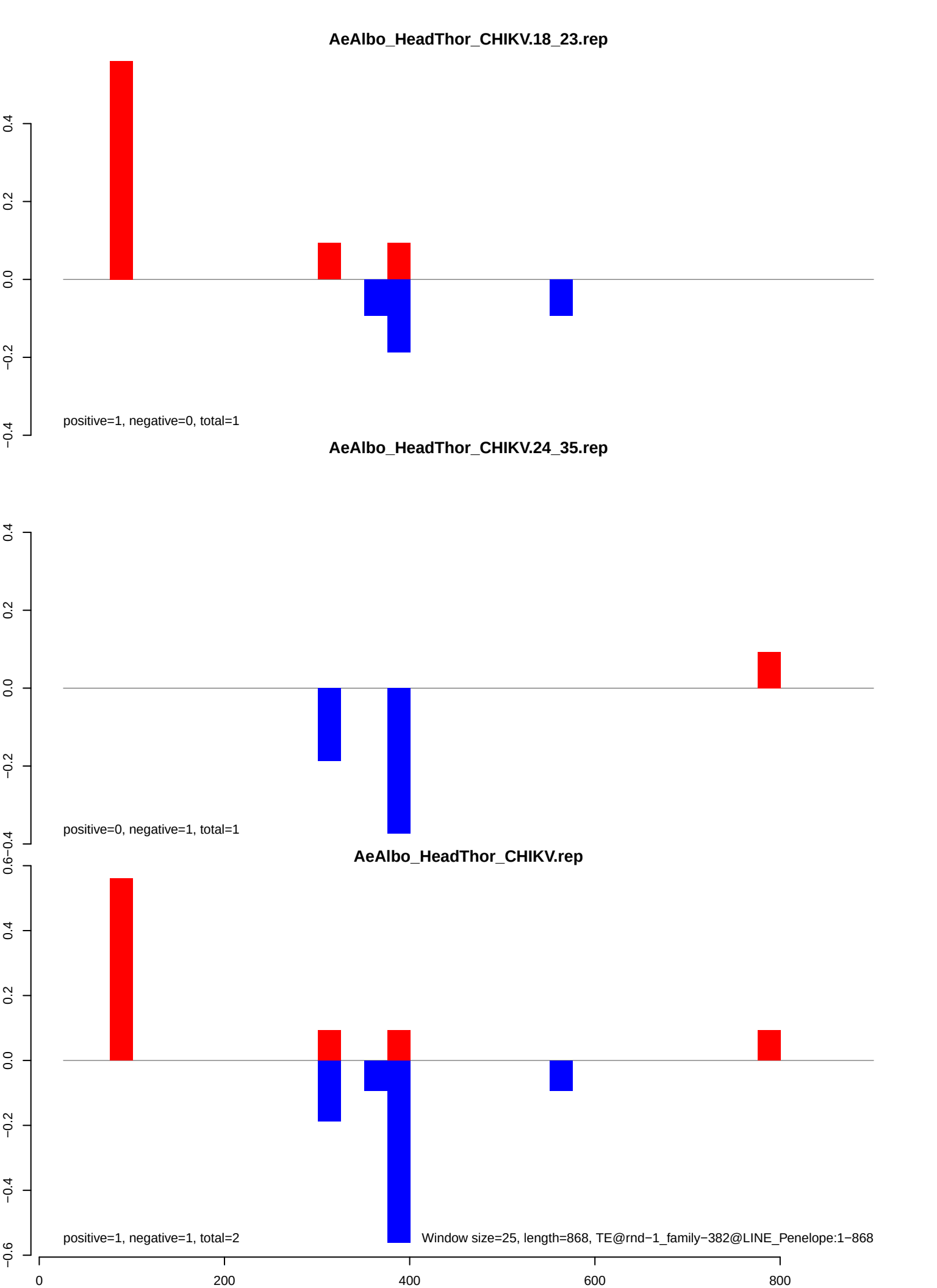

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1883, TE@rnd−5_family−1489@LTR_Gypsy:1−1883
0
500
1000
1500
2000

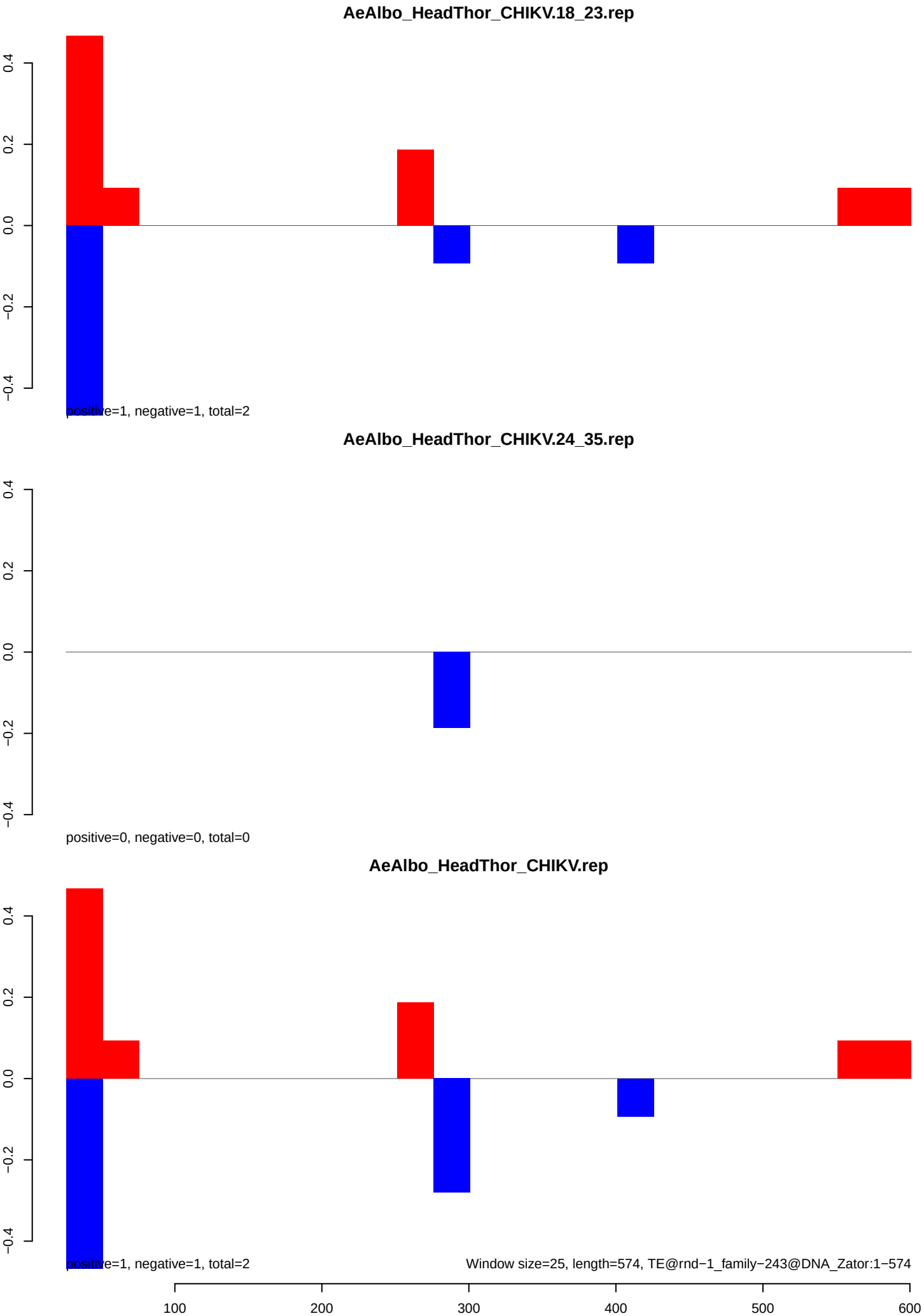

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
Window size=25, length=656, TE@rnd−5_family−1338@Unknown:1−656
0
100
200
300
400
500
600
700

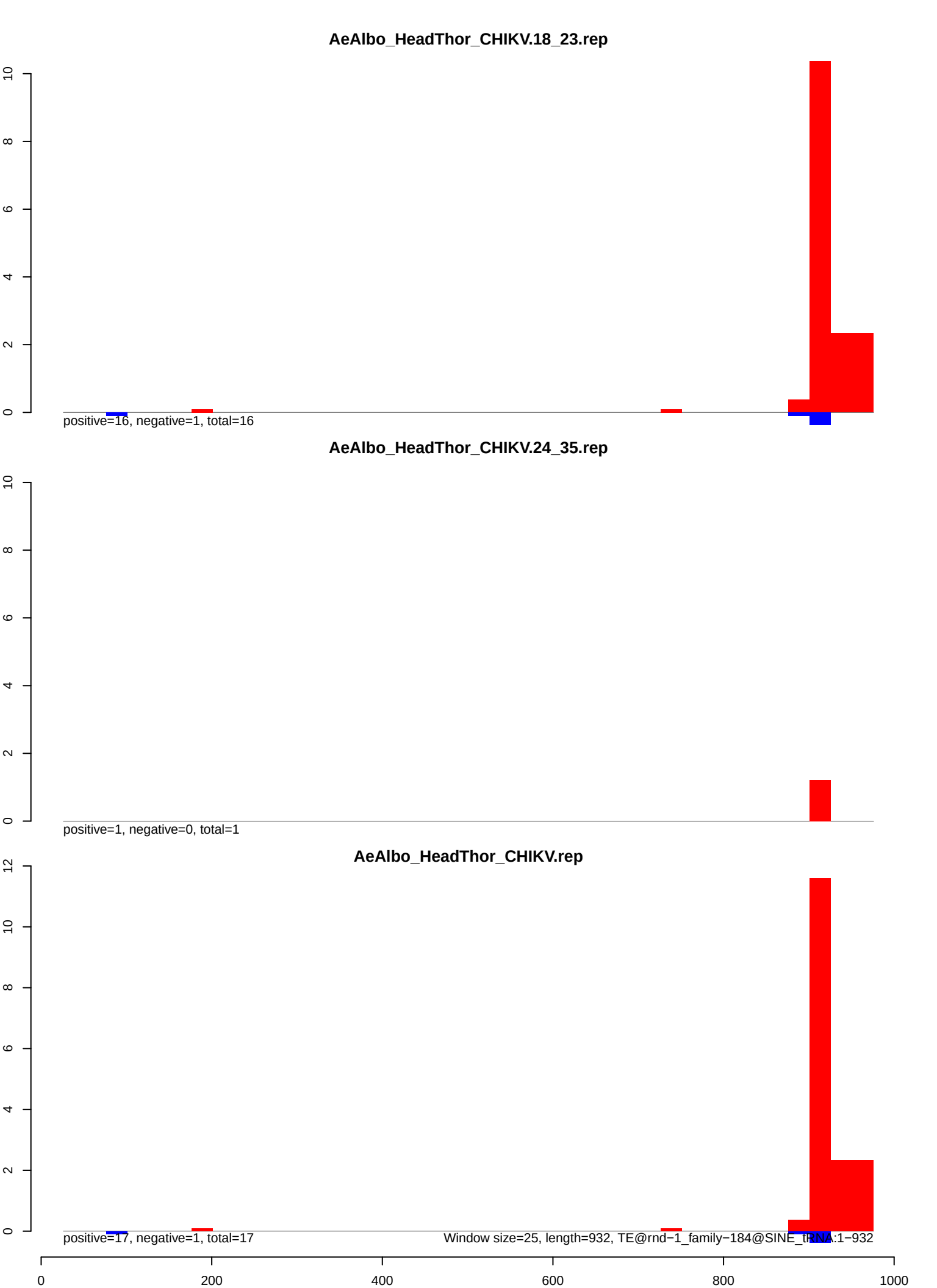

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1198, TE@rnd−5_family−1228@DNA_hAT−Blackjack:1−1198
0
200
400
600
800
1000
1200


AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=2041, TE@rnd−4_family−832@LTR_Copia:1−2041
0
500
1000
1500
2000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=1, negative=1, total=2
Window size=25, length=738, TE@rnd−1_family−919@DNA_CMC−Chapaev:1−738
0
200
400
600
800

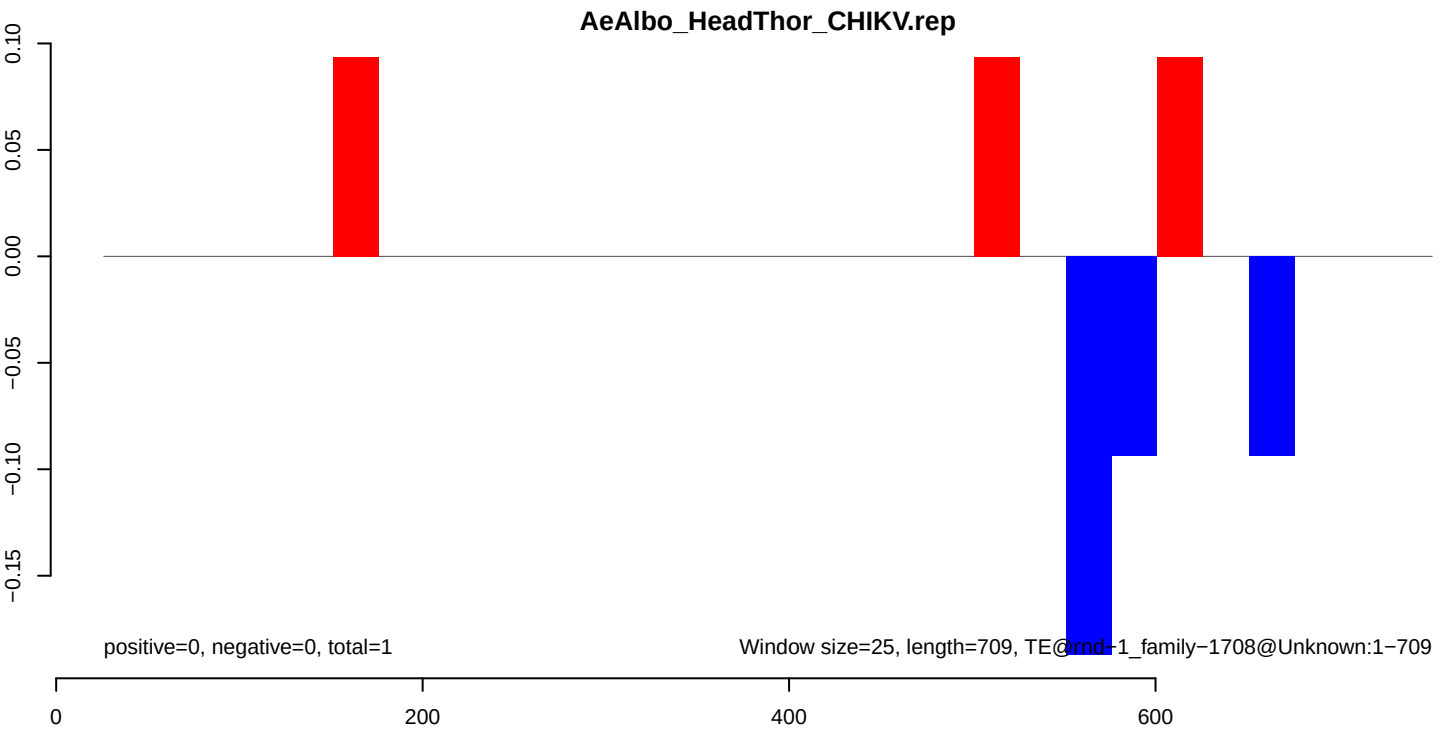

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=868, TE@rnd−1_family−382@LINE_Penelope:1−868
0.4
0.2
0.0
−0.2
−0.4
0.6
−0.6
0
200
400
600
800

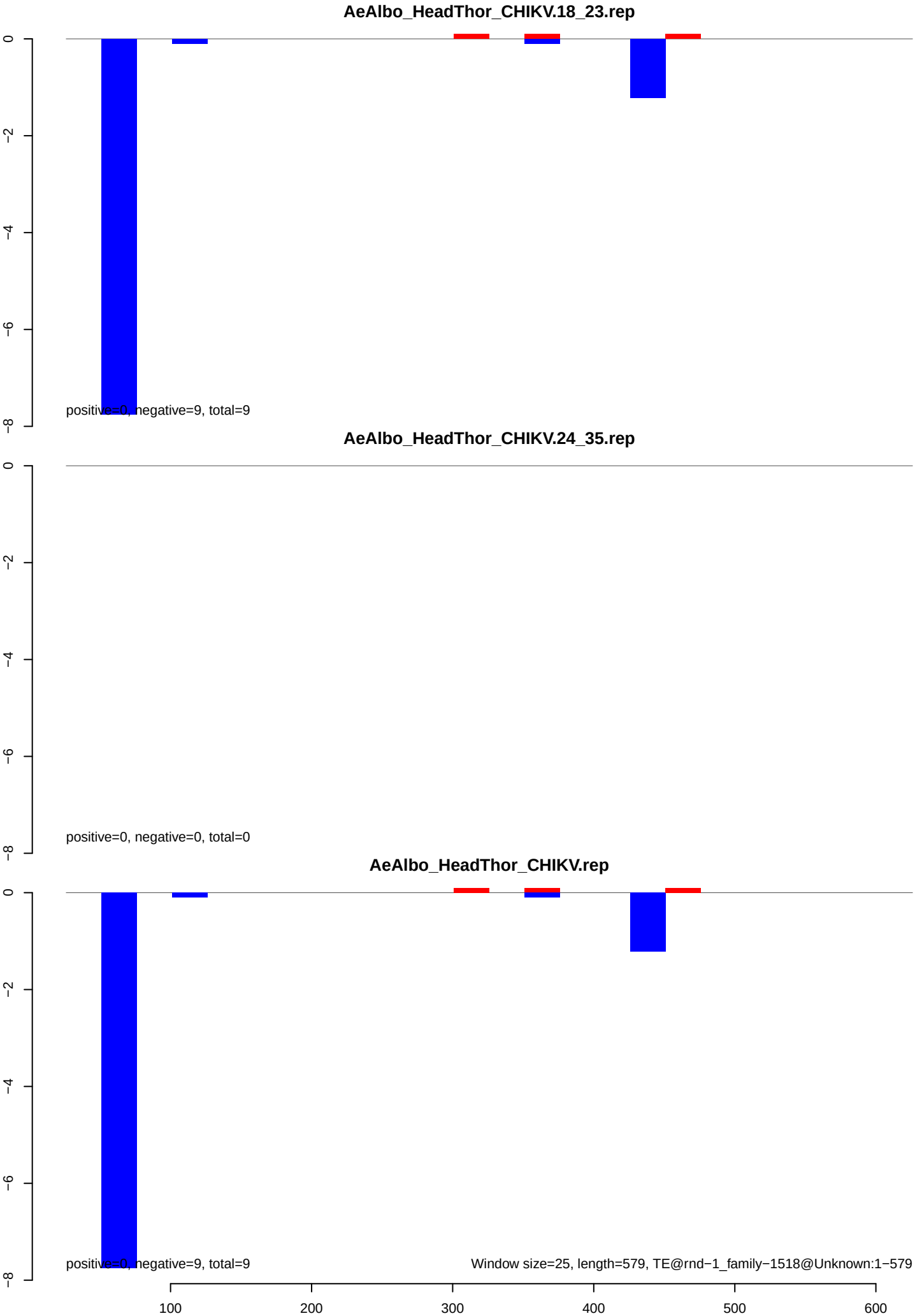

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=2
Window size=25, length=574, TE@rnd−1_family−243@DNA_Zator:1−574
100
200
300
400
500
600

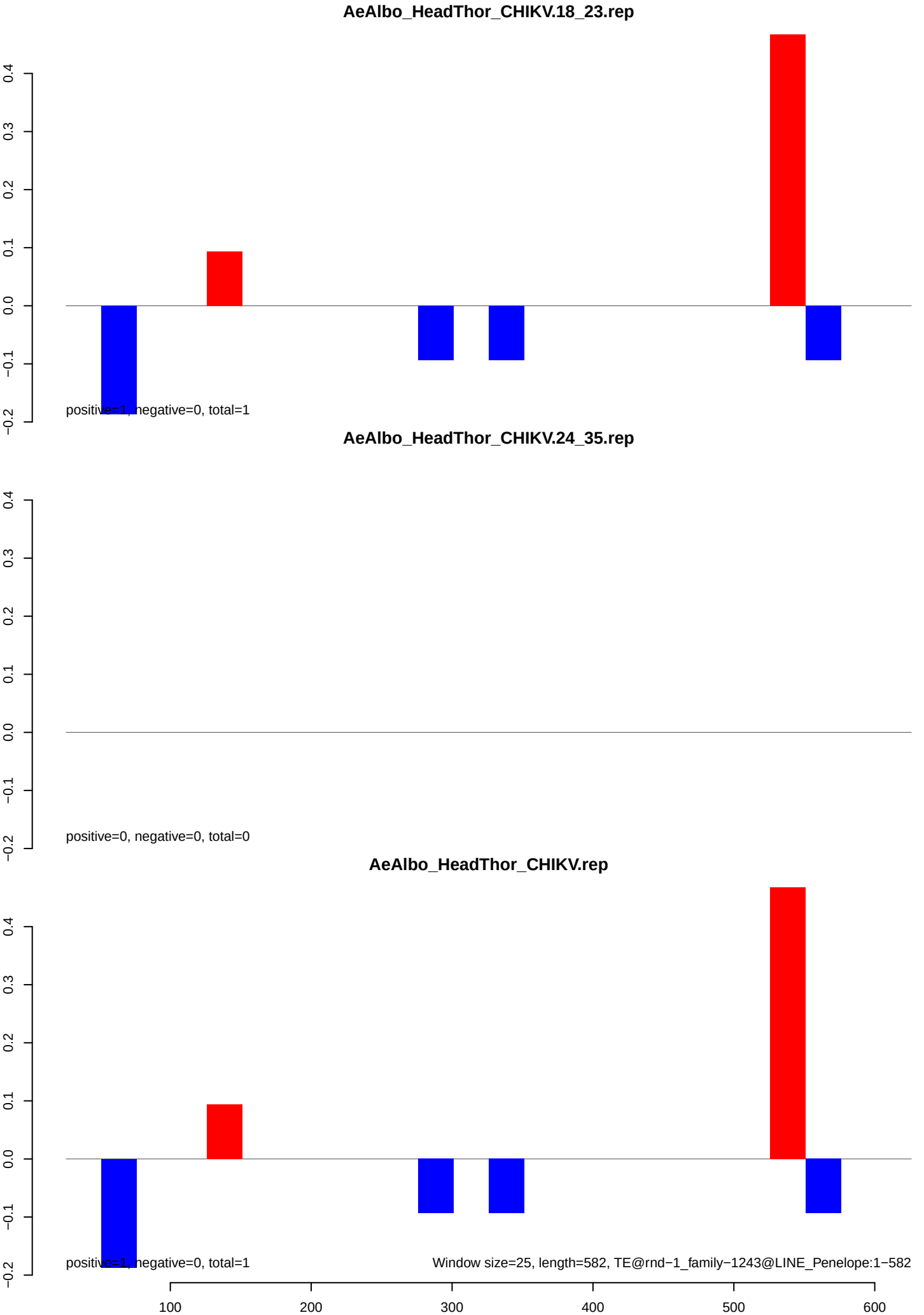

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
8
10
positive=16, negative=1, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
8
10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
8
10
12
positive=17, negative=1, total=17
Window size=25, length=932, TE@rnd−1_family−184@SINE_tRNA:1−932
0
200
400
600
800
1000

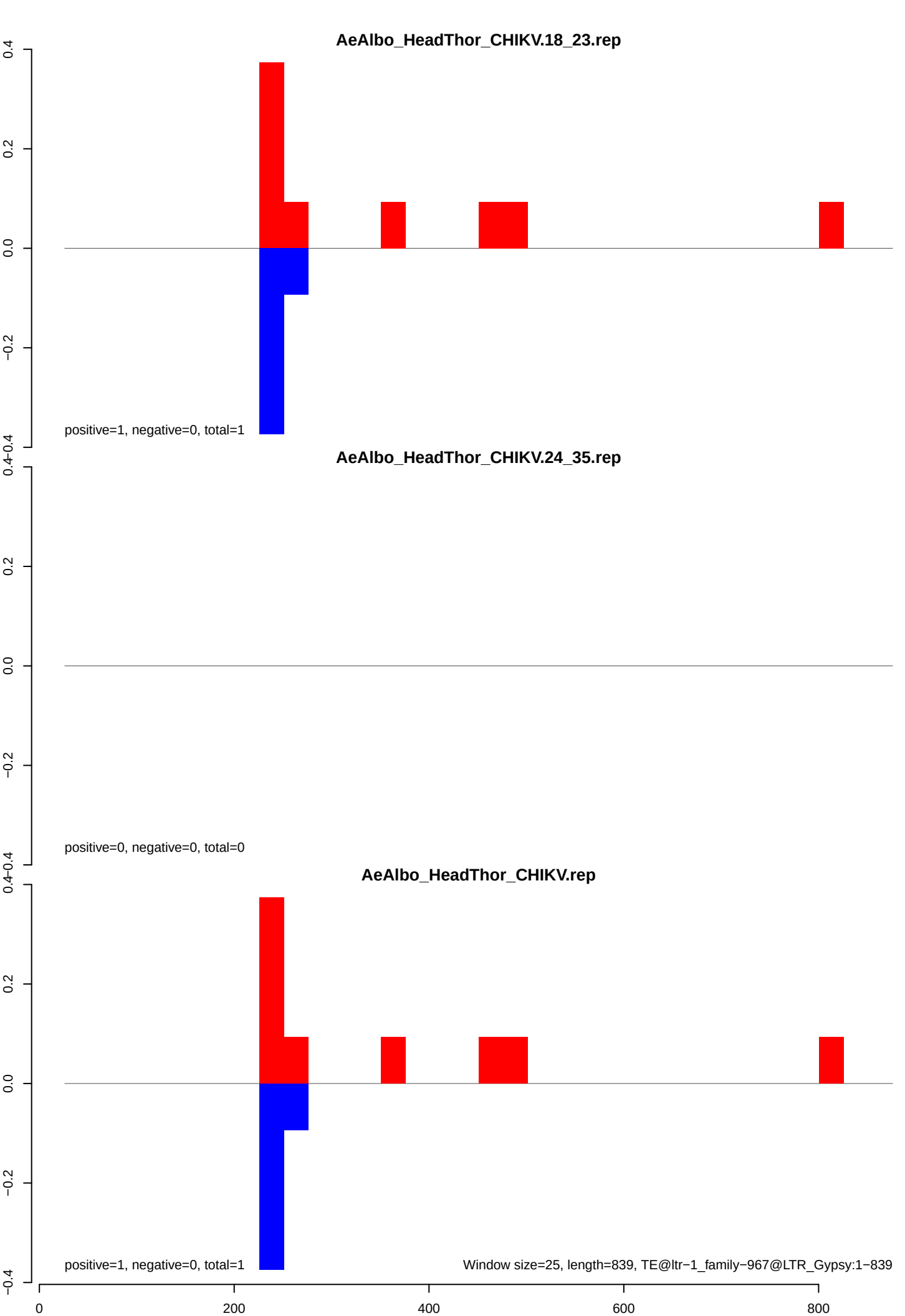
AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

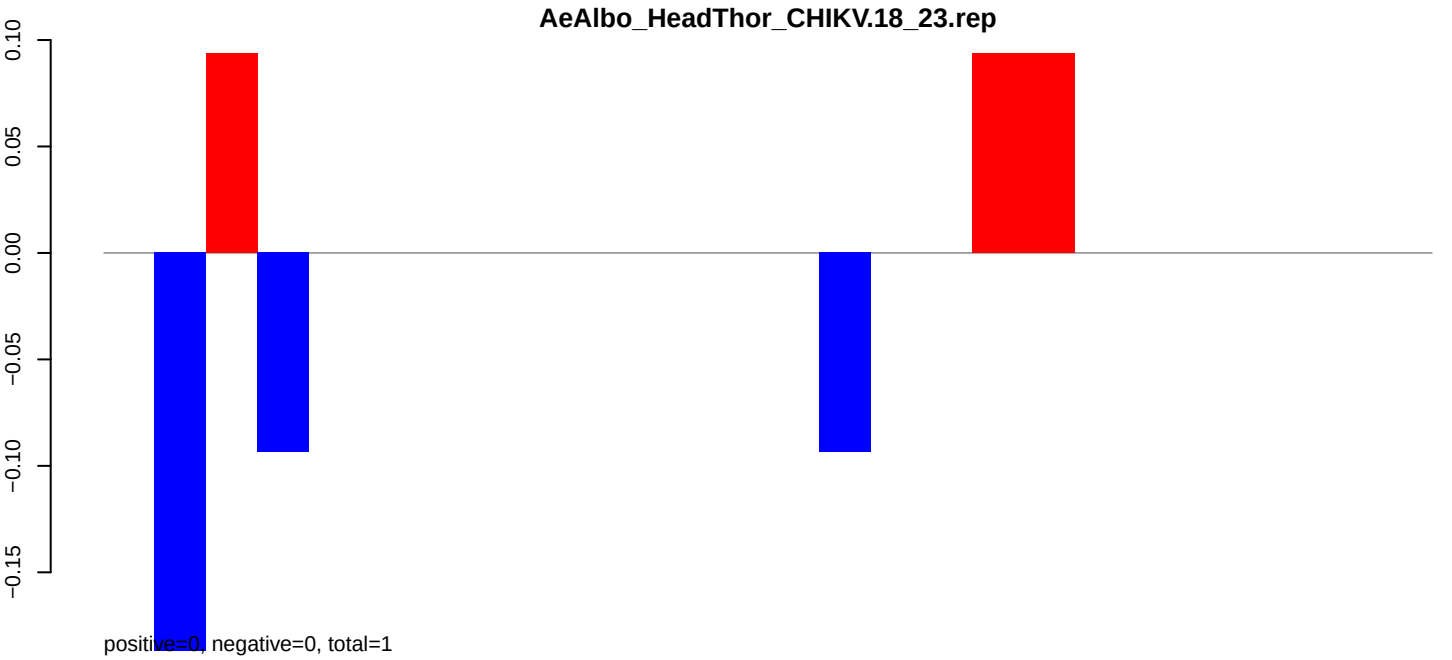
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

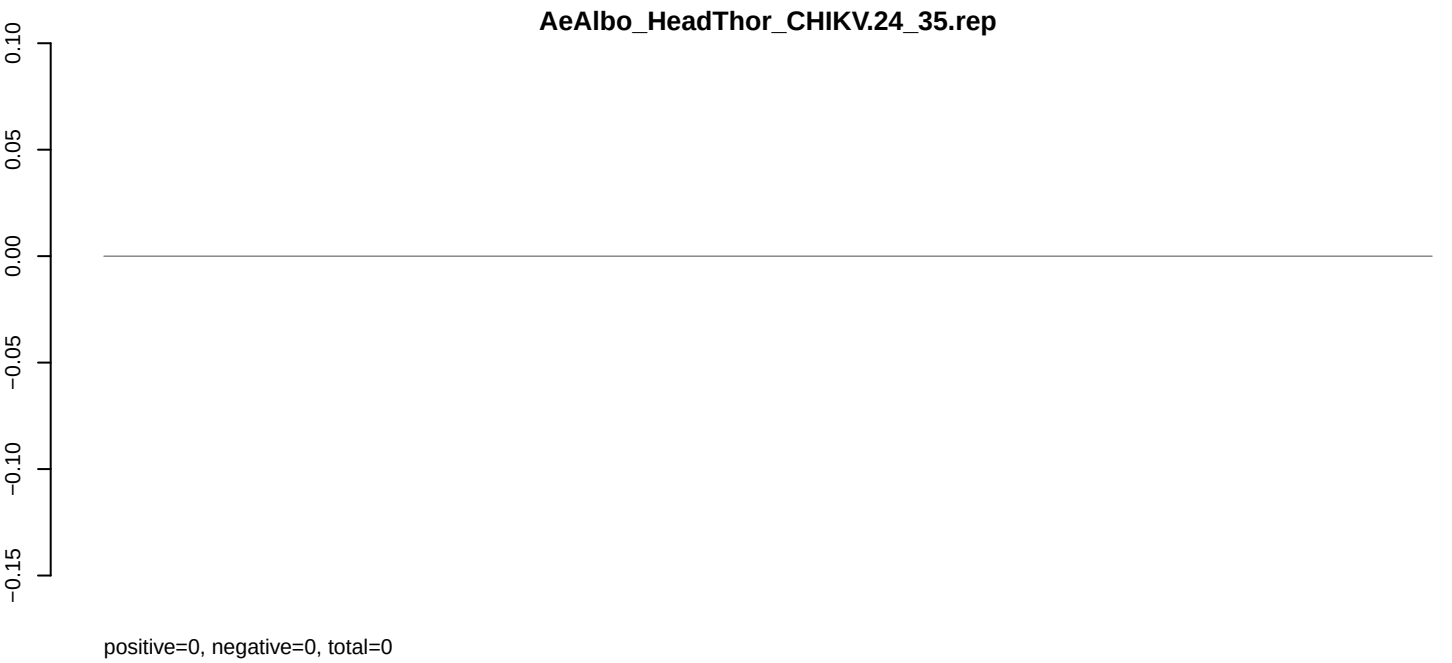

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=709, TE@rnd−1_family−1708@Unknown:1−709
0
200
400
600

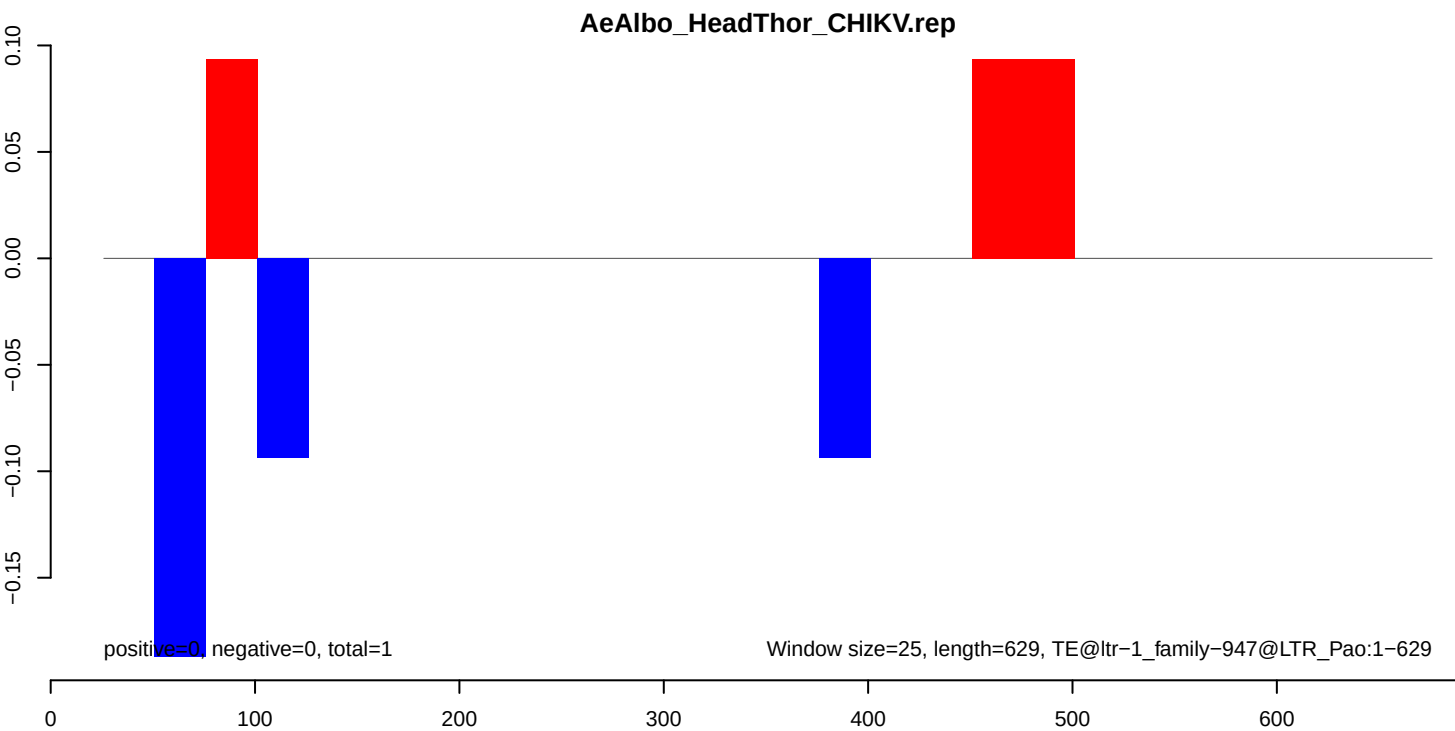

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=0, negative=9, total=9
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=0, negative=9, total=9
Window size=25, length=579, TE@rnd−1_family−1518@Unknown:1−579
100
200
300
400
500
600

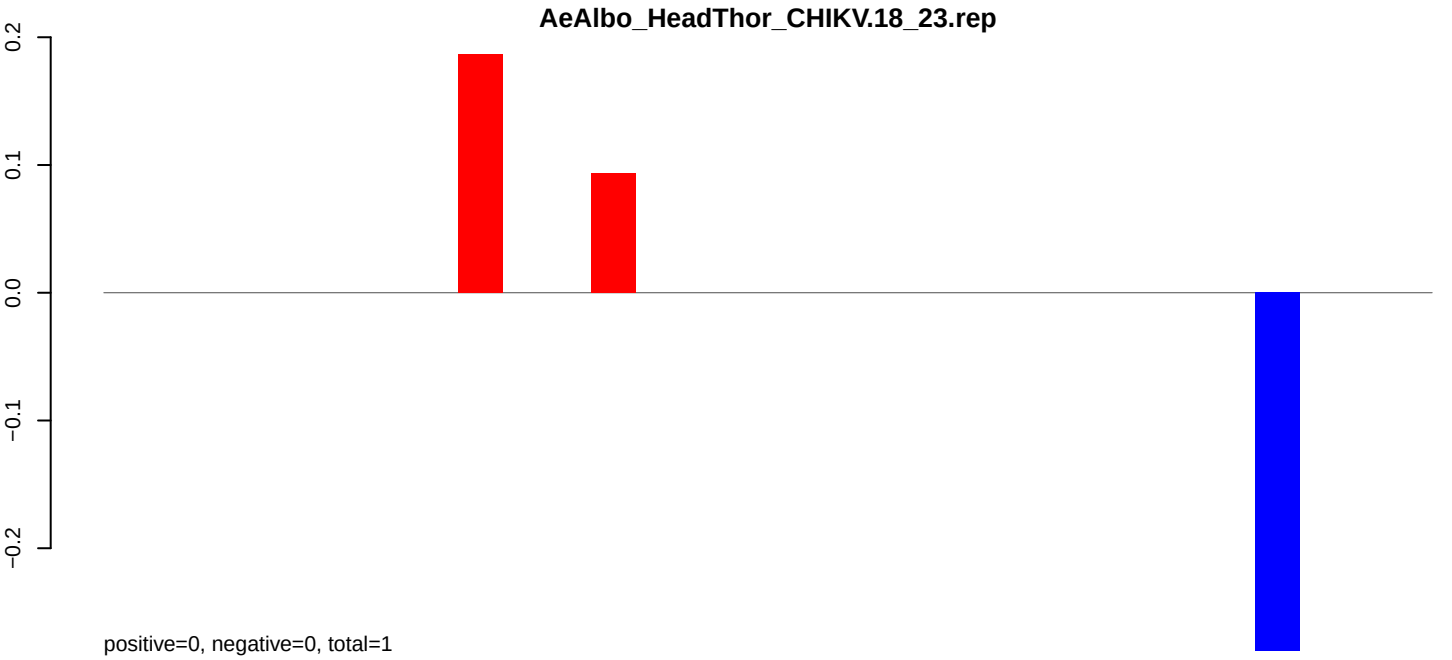

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=582, TE@rnd−1_family−1243@LINE_Penelope:1−582
100
200
300
400
500
600

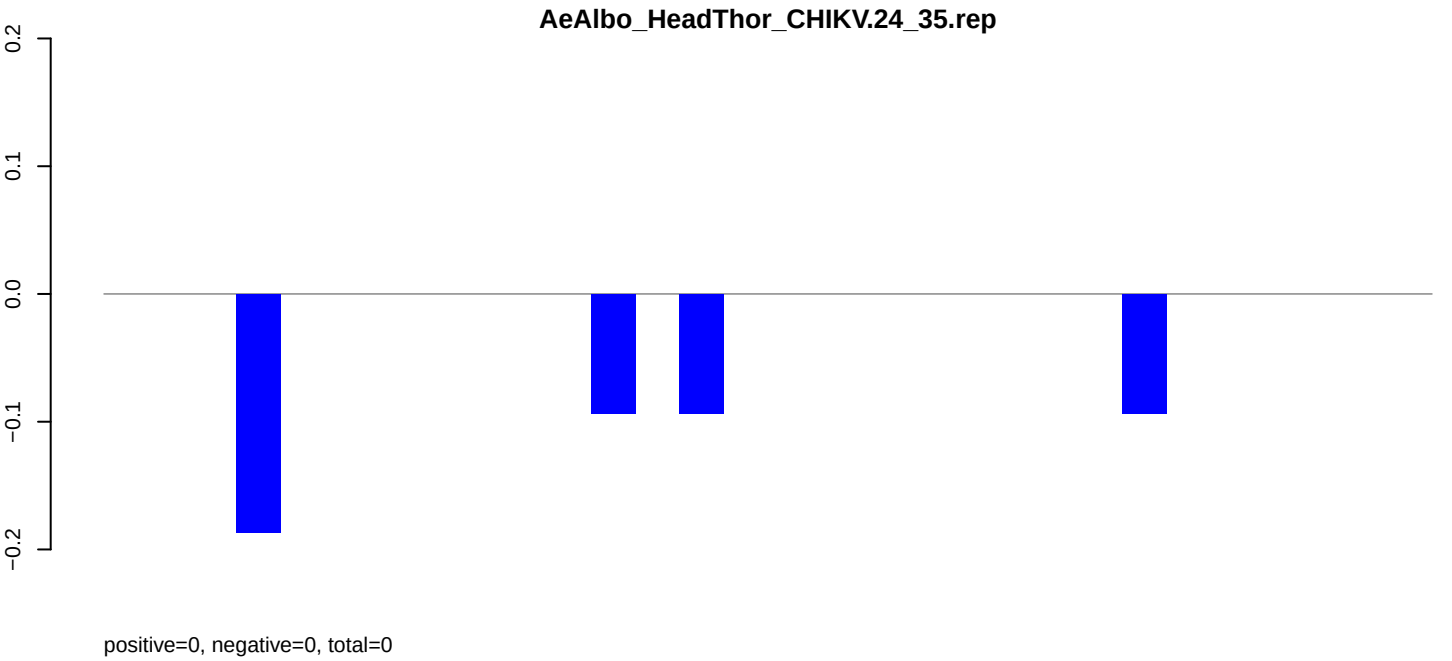

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=839, TE@ltr−1_family−967@LTR_Gypsy:1−839
0.4
0.2
0.0
−0.2
−0.4
0
200
400
600
800

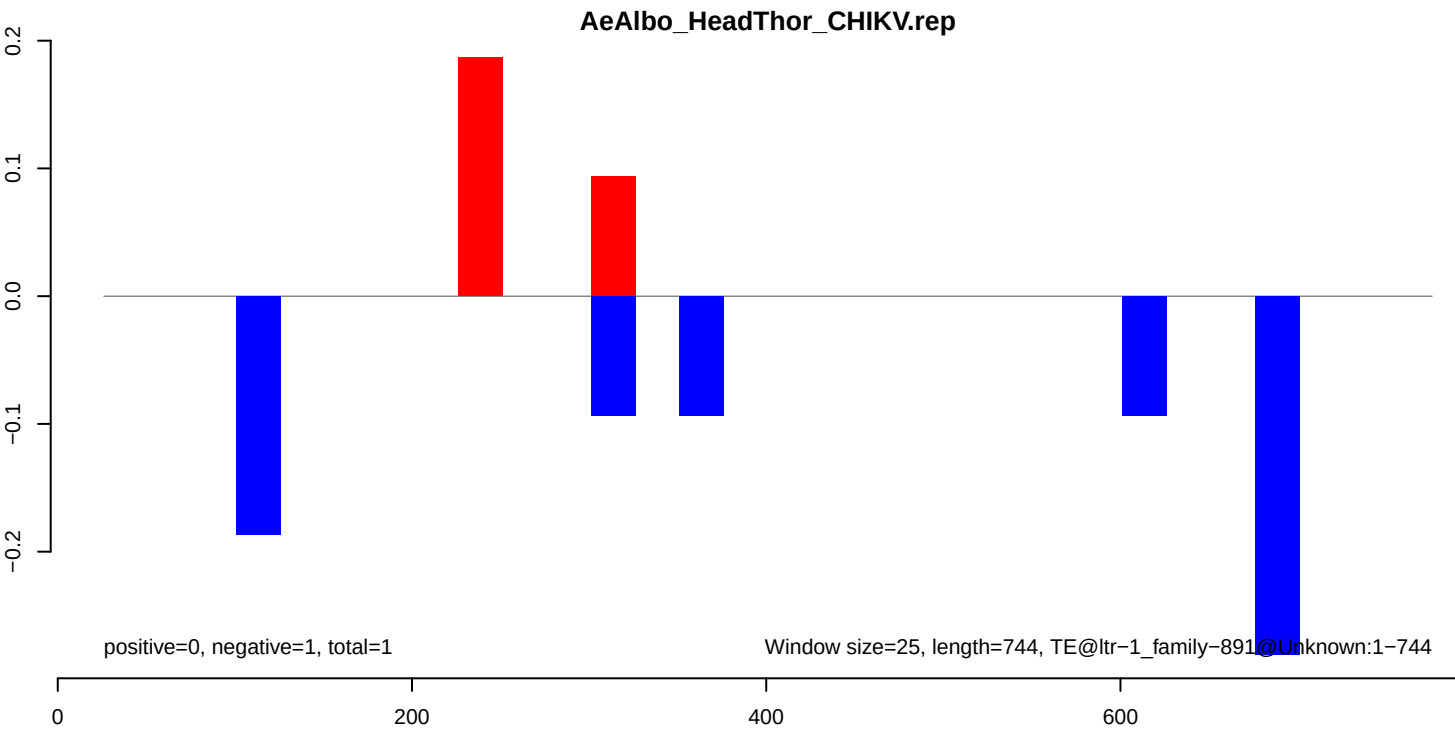

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

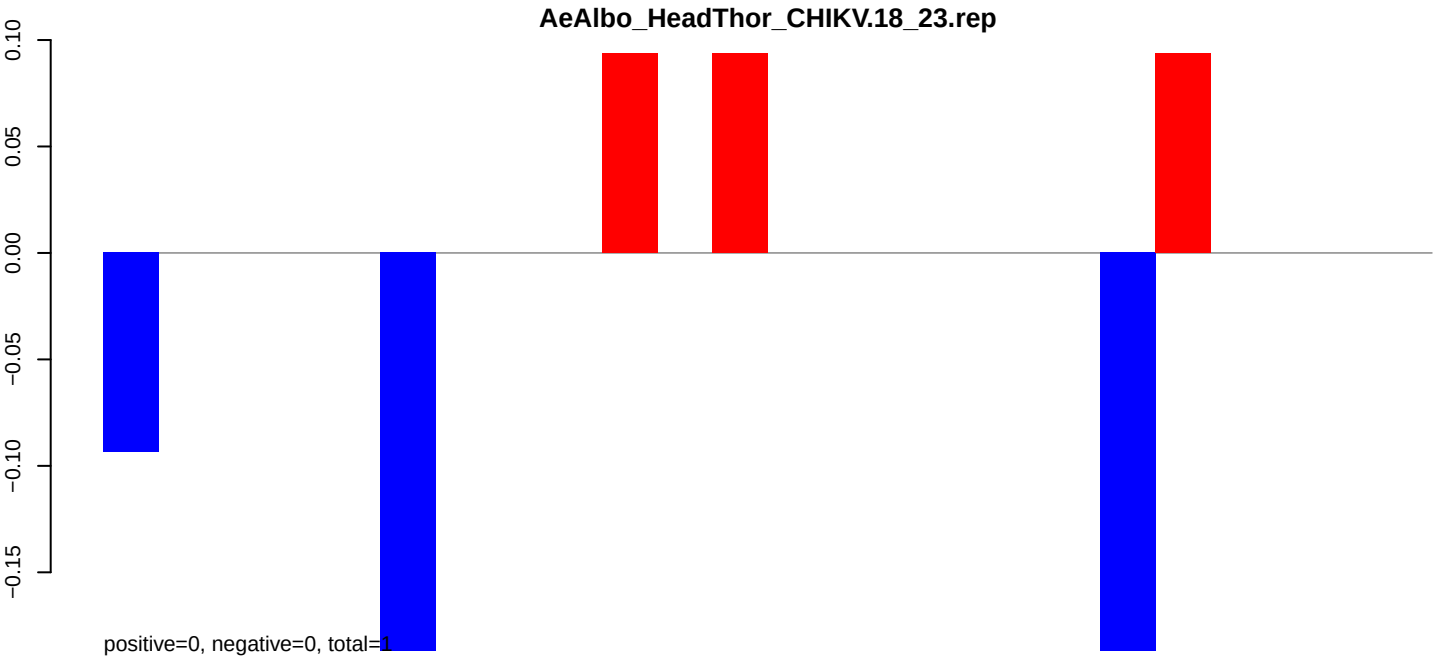

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=629, TE@ltr−1_family−947@LTR_Pao:1−629
0
100
200
300
400
500
600
700

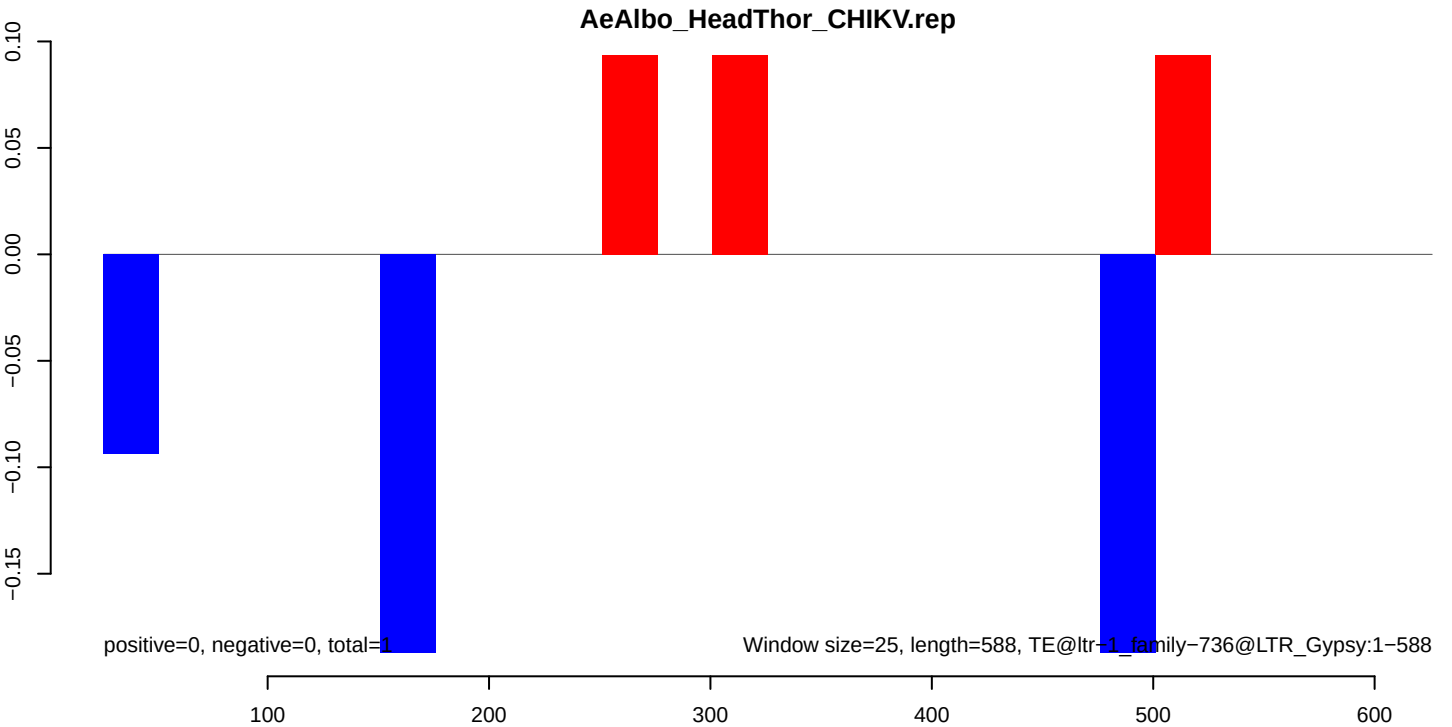

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1

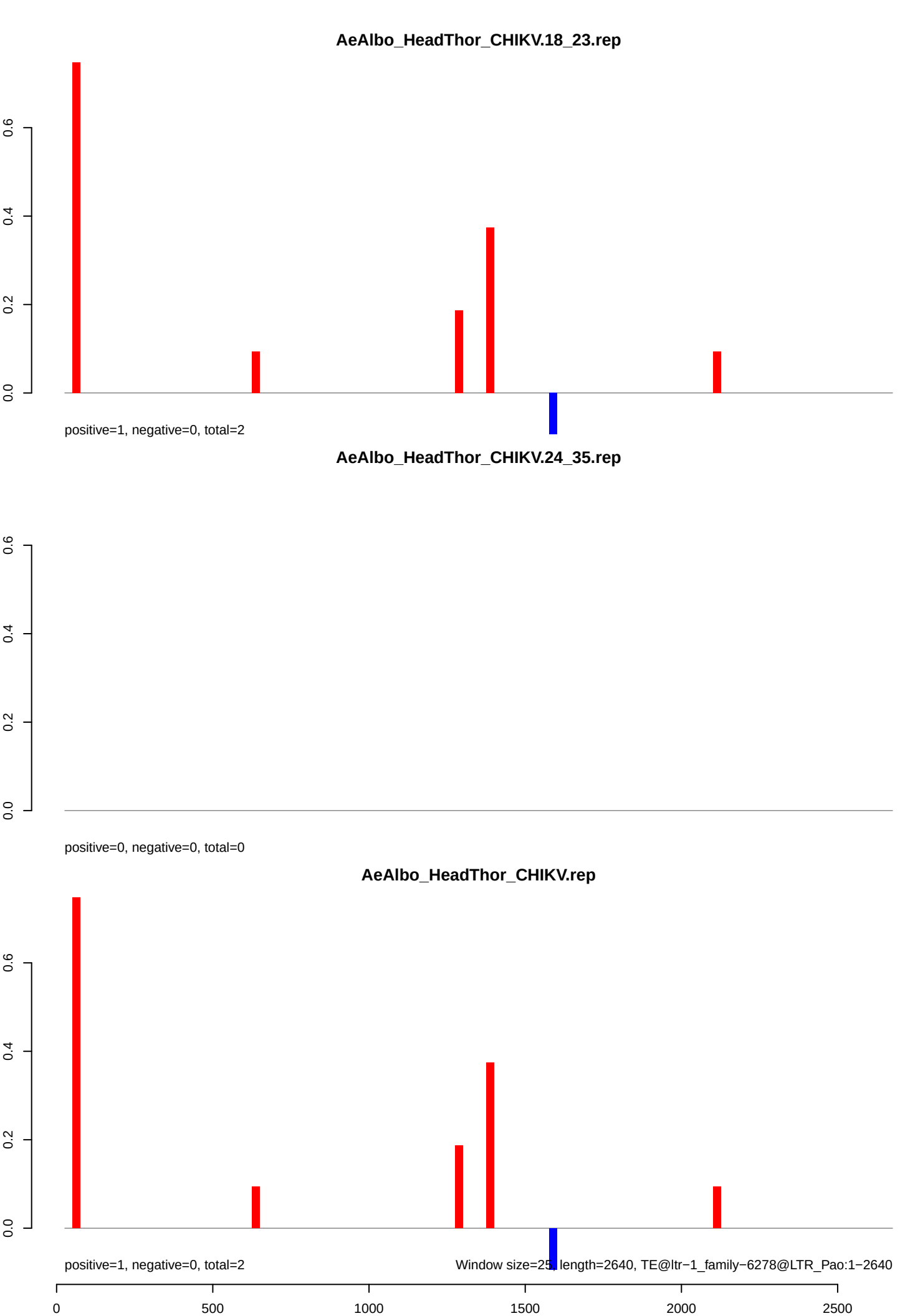

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

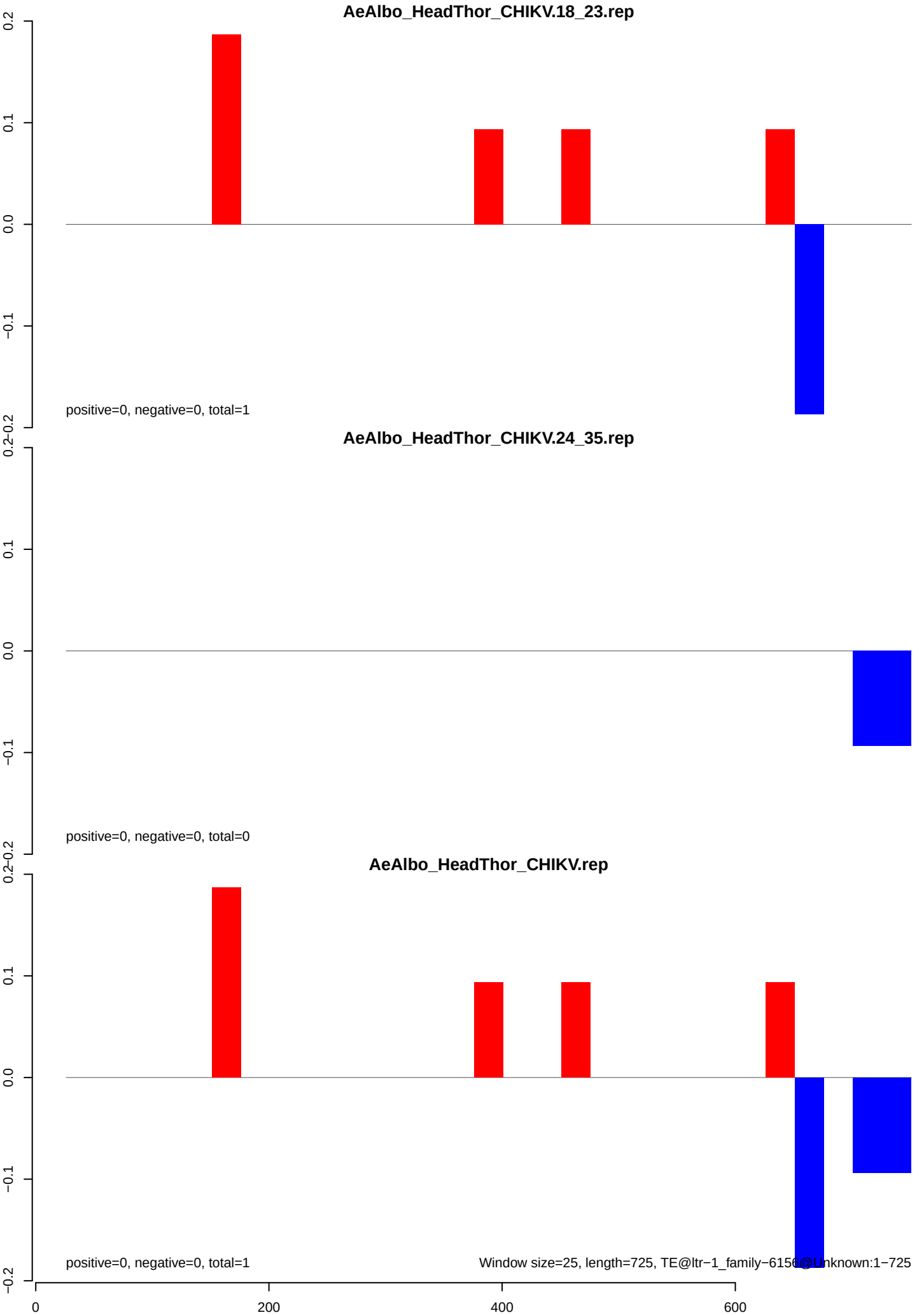

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=744, TE@ltr−1_family−891@Unknown:1−744
0
200
400
600
800

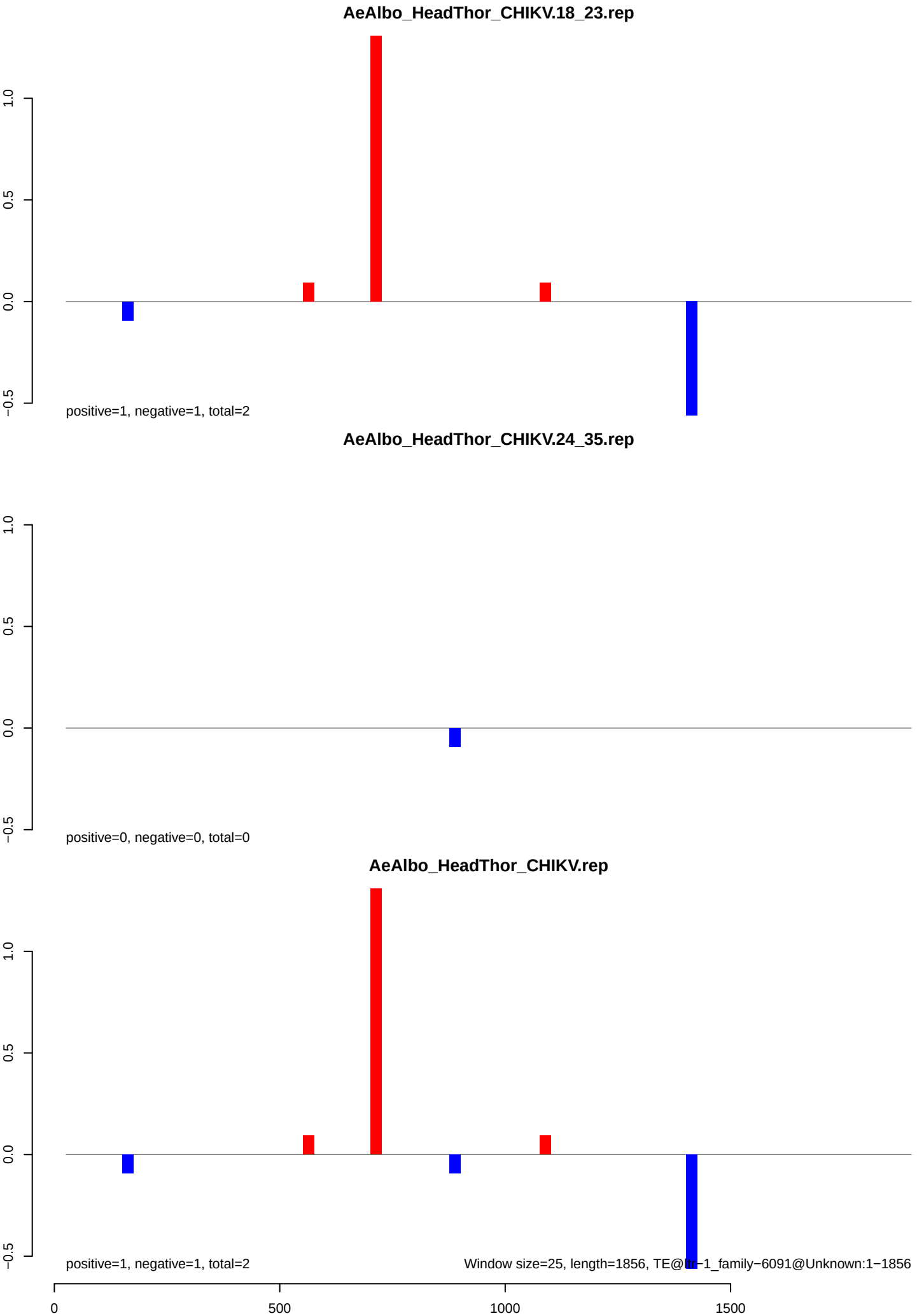

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

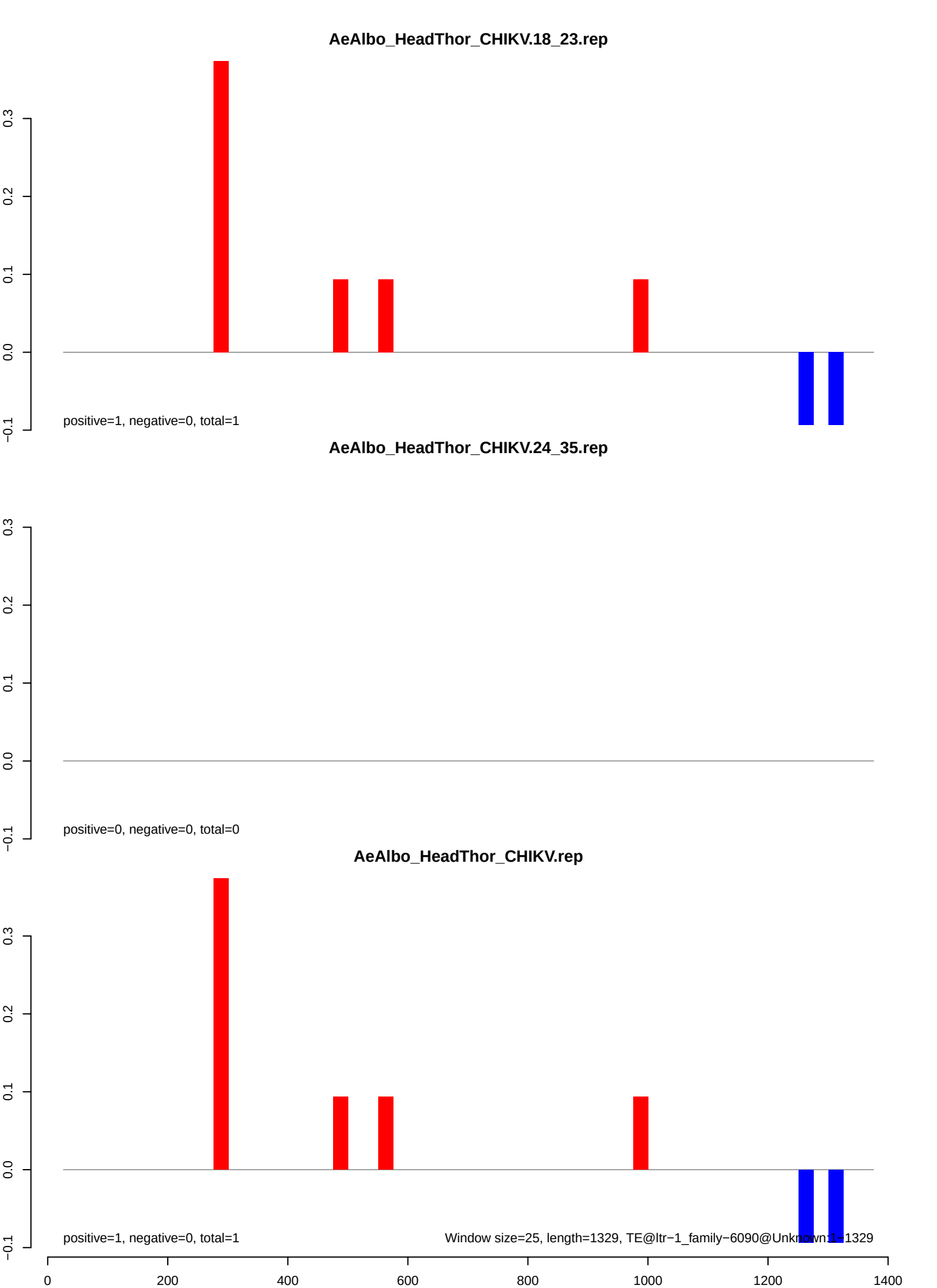
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

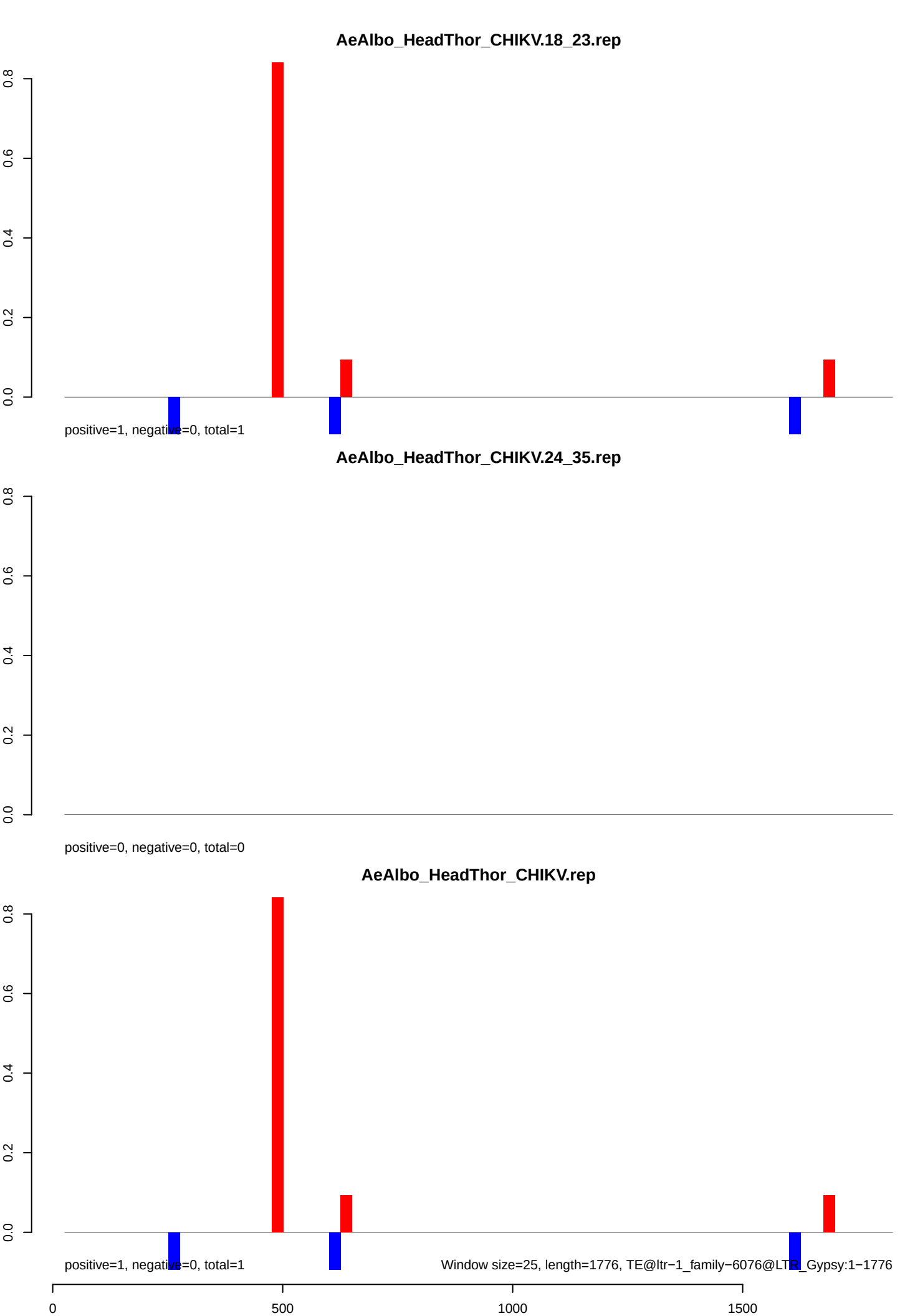

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=588, TE@ltr−1_family−736@LTR_Gypsy:1−588
100
200
300
400
500
600

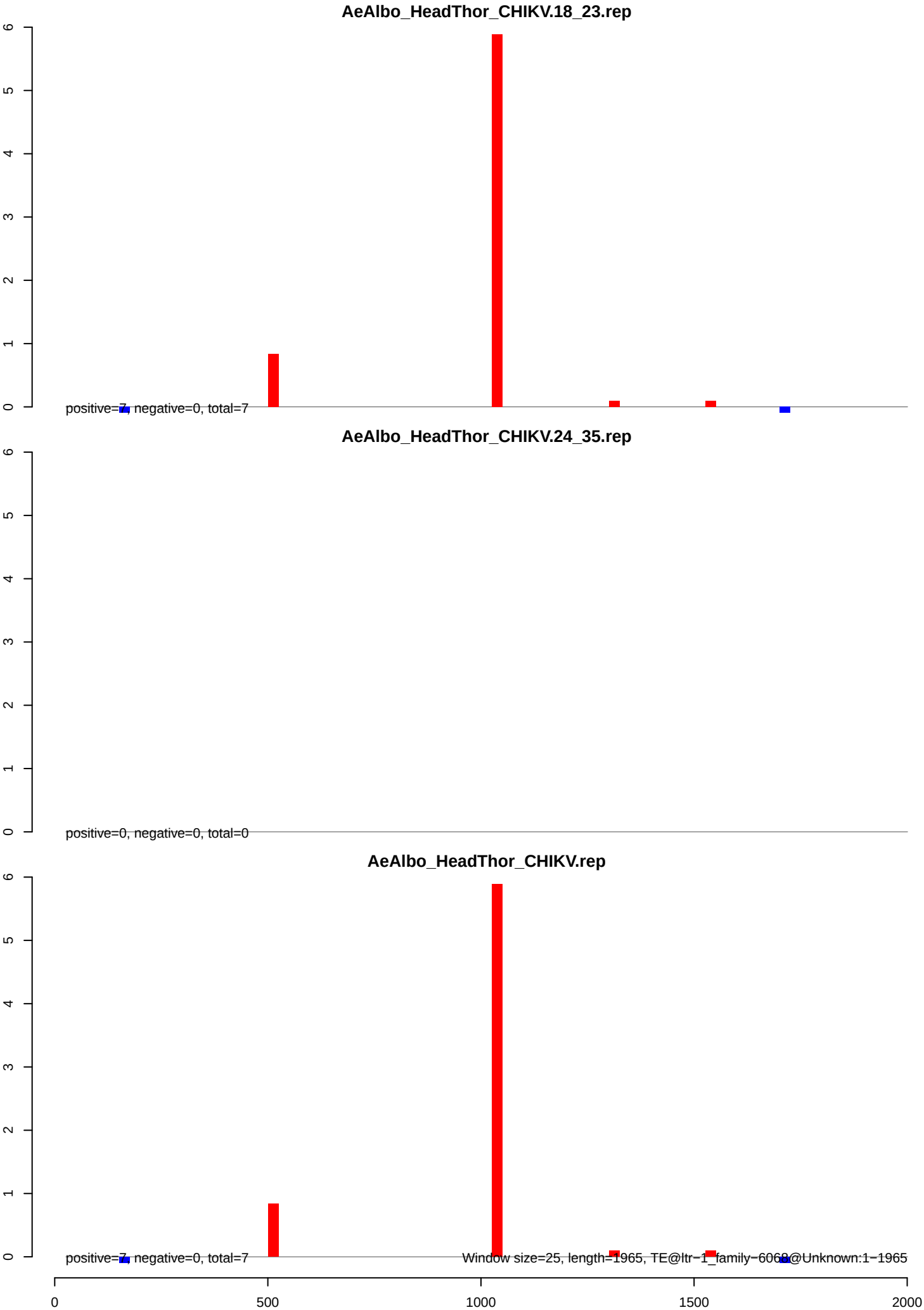

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=2
Window size=25 length=2640, TE@ltr−1_family−6278@LTR_Pao:1−2640
0
500
1000
1500
2000
2500

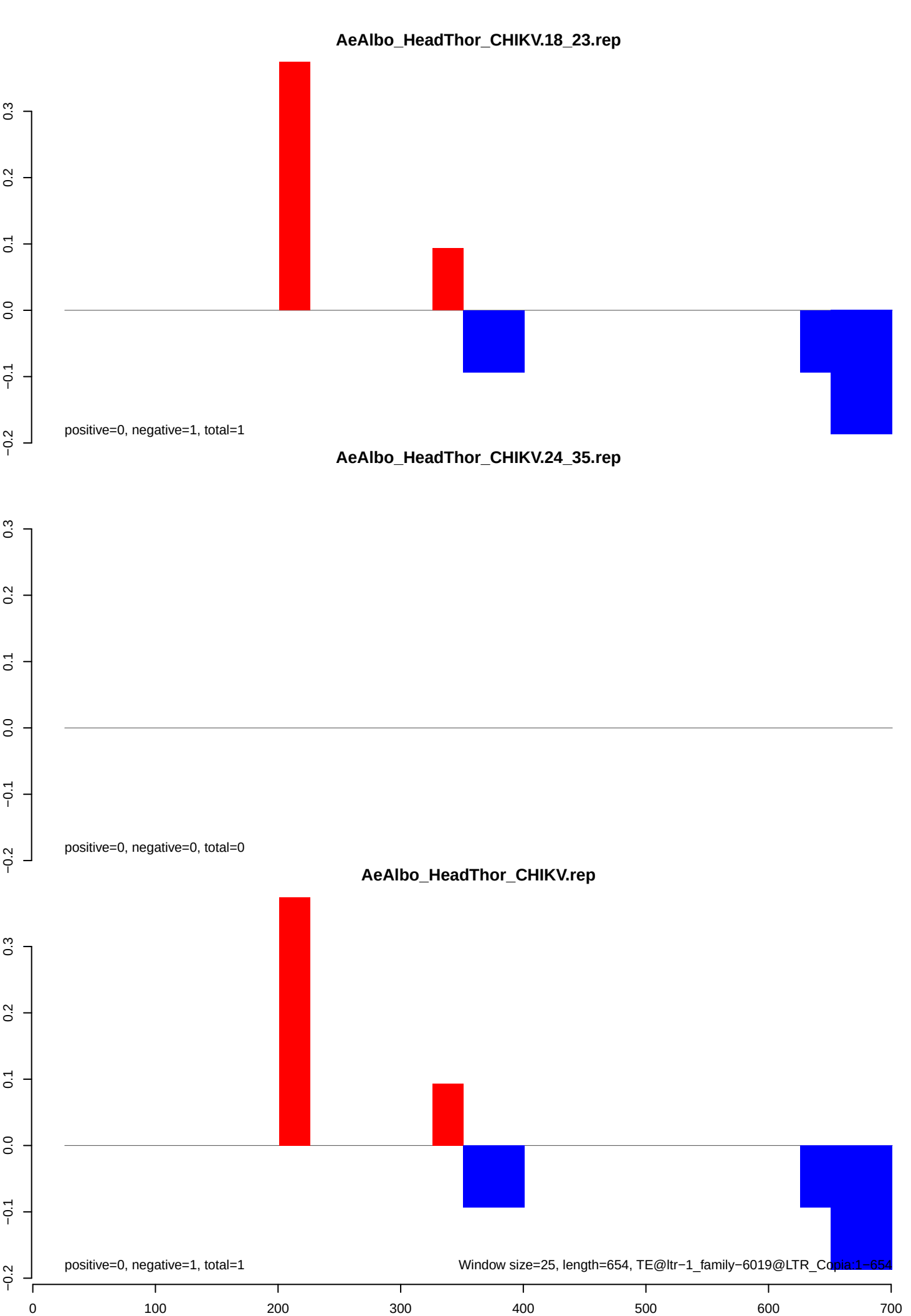

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=725, TE@ltr−1_family−6156@Unknown:1−725
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600

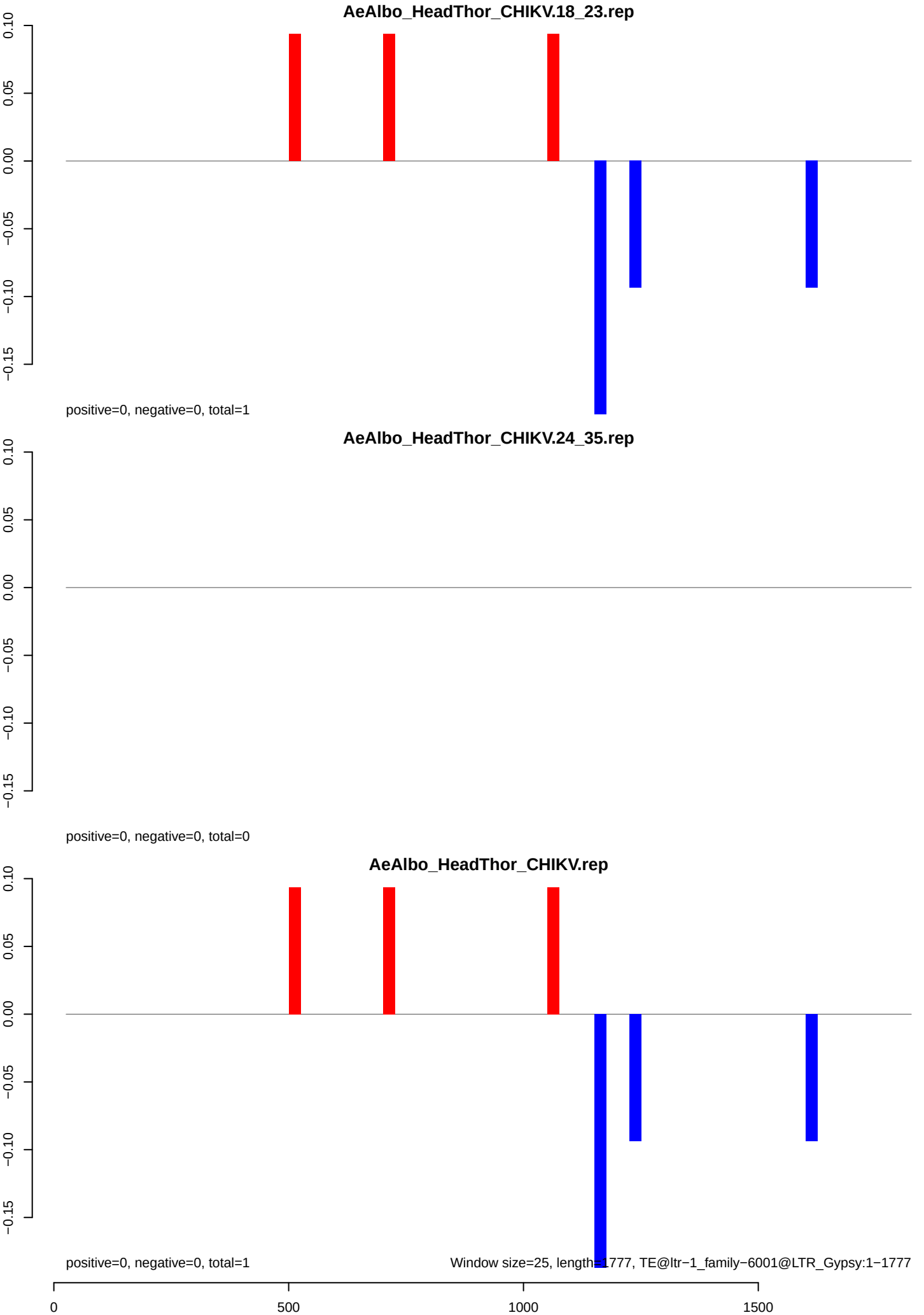

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=1, negative=1, total=2
Window size=25, length=1856, TE@ltr−1_family−6091@Unknown:1−1856
0
500
1000
1500

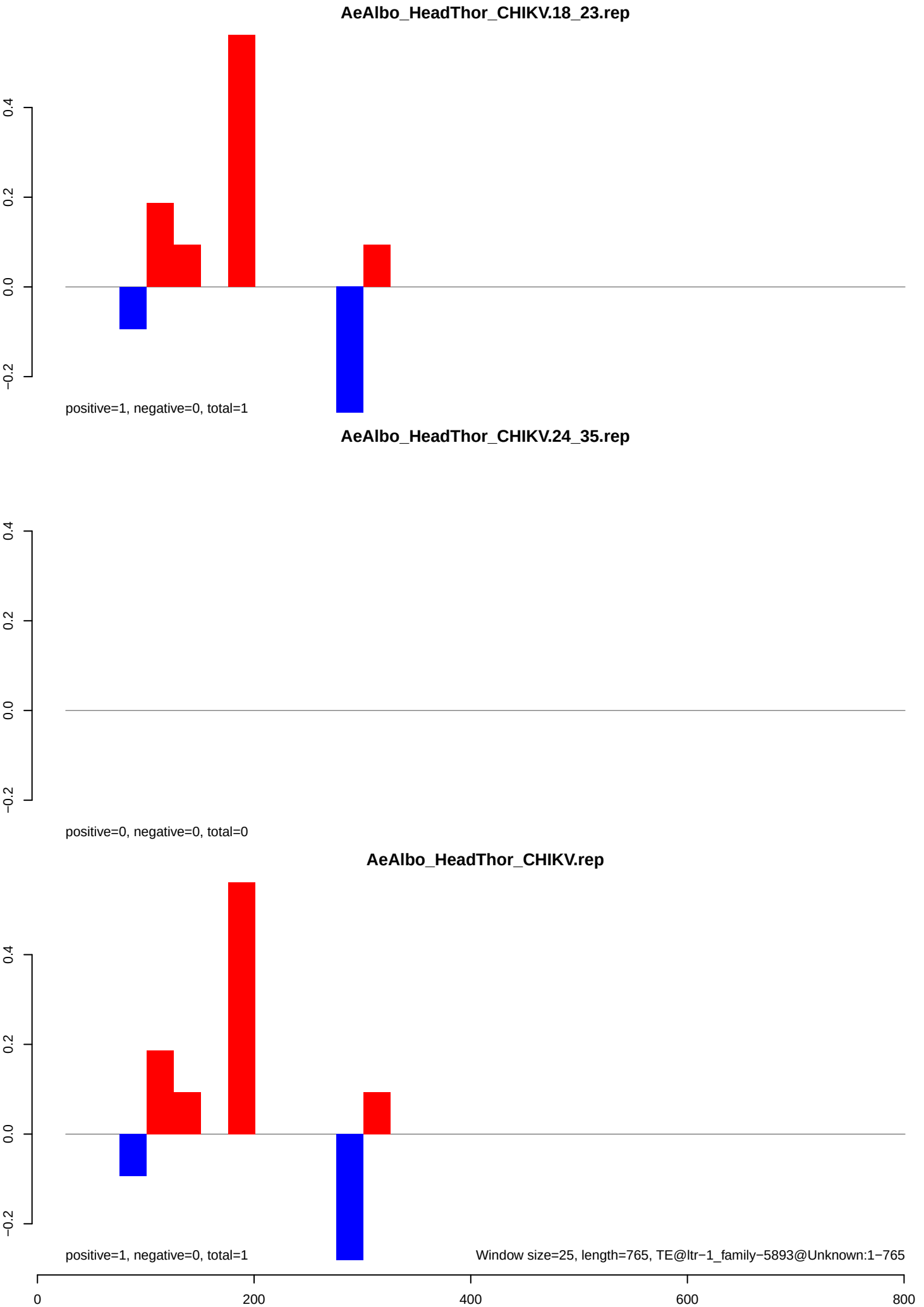

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1329, TE@ltr−1_family−6090@Unknown:1−1329
0
200
400
600
800
1000
1200
1400

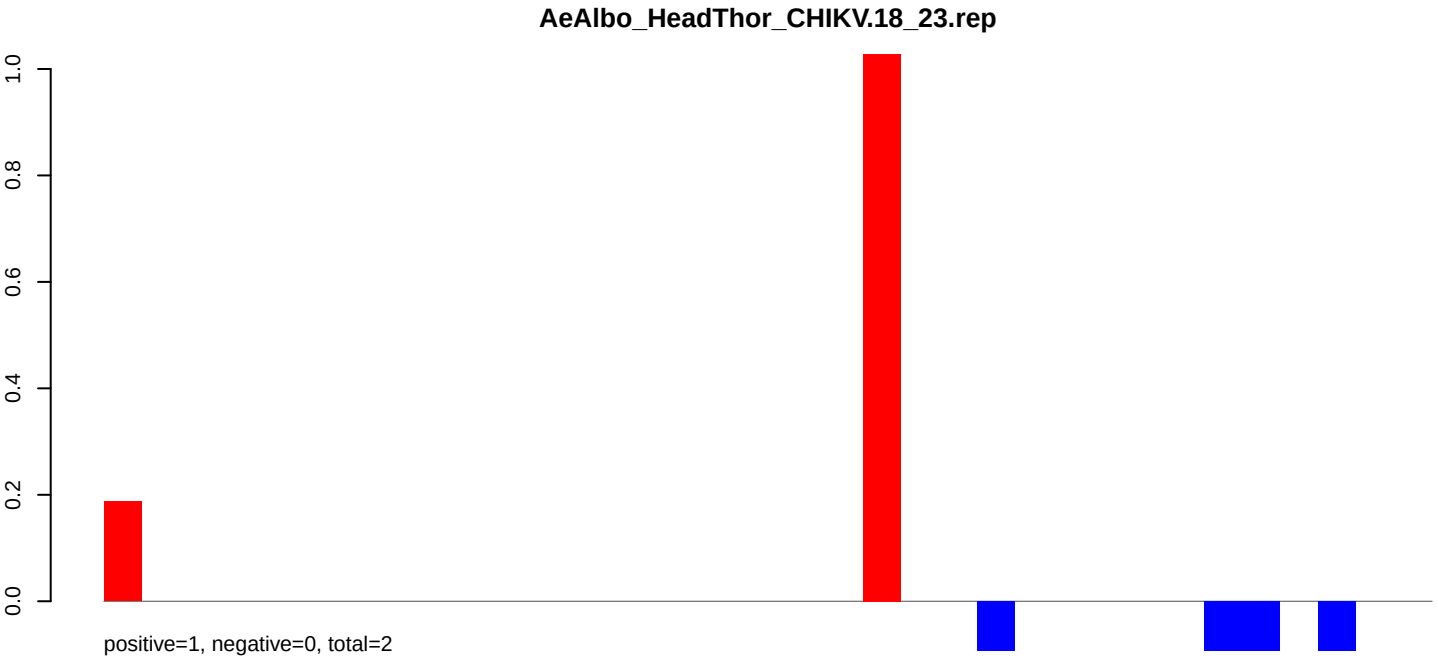

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
Window size=25, length=1776, TE@ltr−1_family−6076@LTR_Gypsy:1−1776
0
500
1000
1500

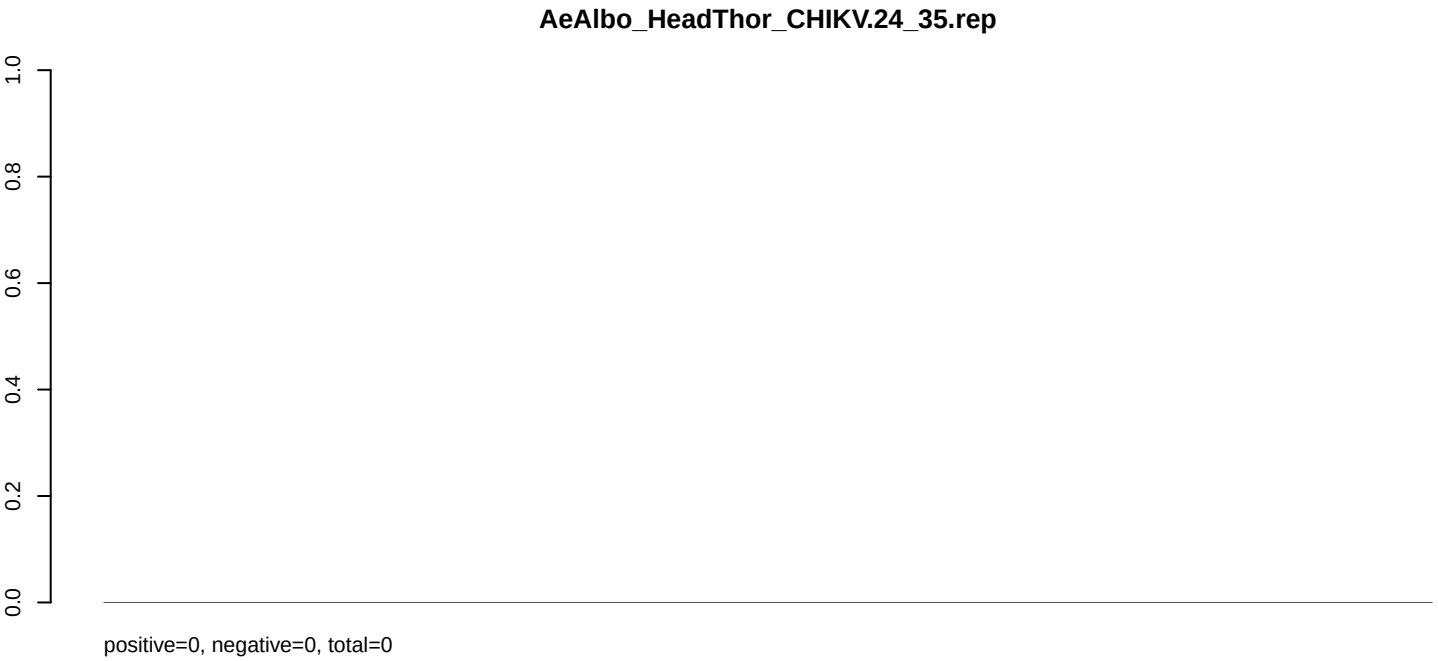

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=0, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=0, total=7
Window size=25, length=1965, TE@ltr-1_family-6068@Unknown:1-1965
0
1
2
3
4
5
6
0
500
1000
1500
2000

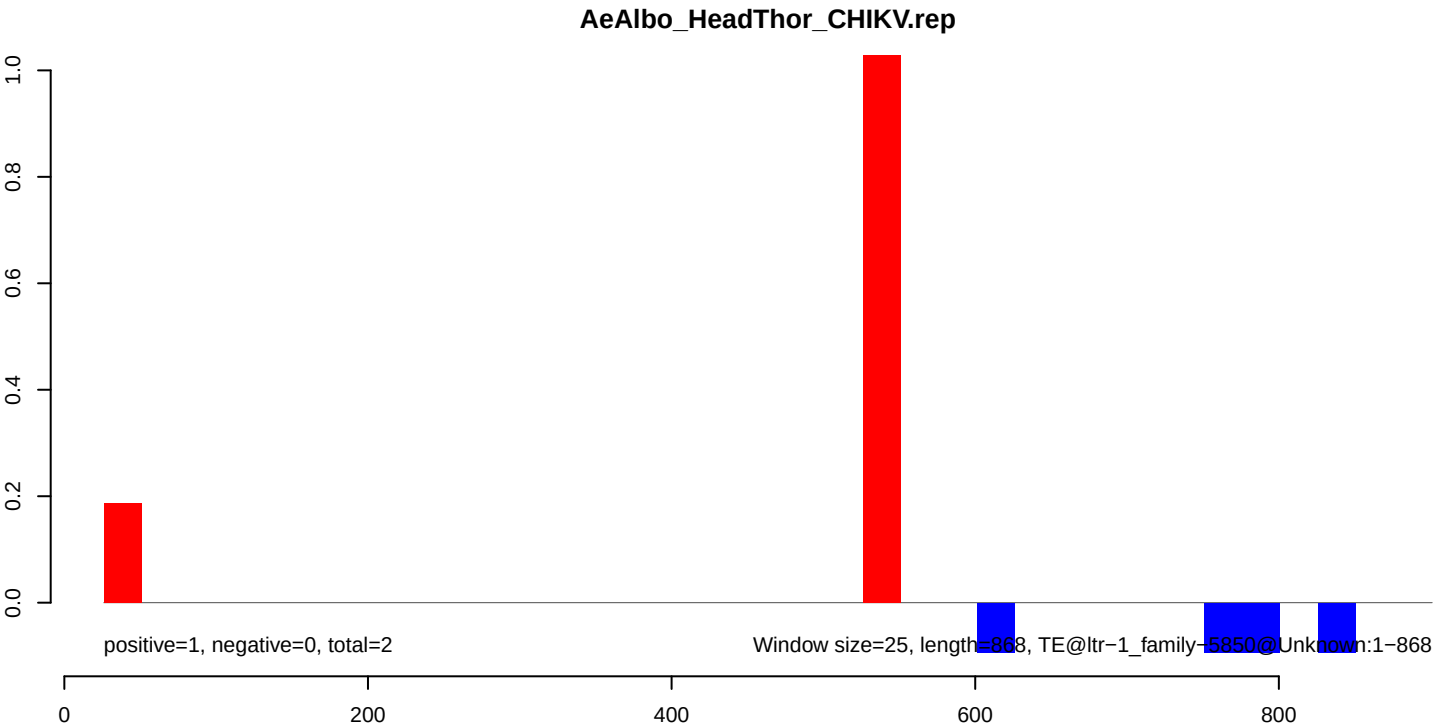

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=654, TE@ltr−1_family−6019@LTR_Copia:1−654
0.3
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400
500
600
700

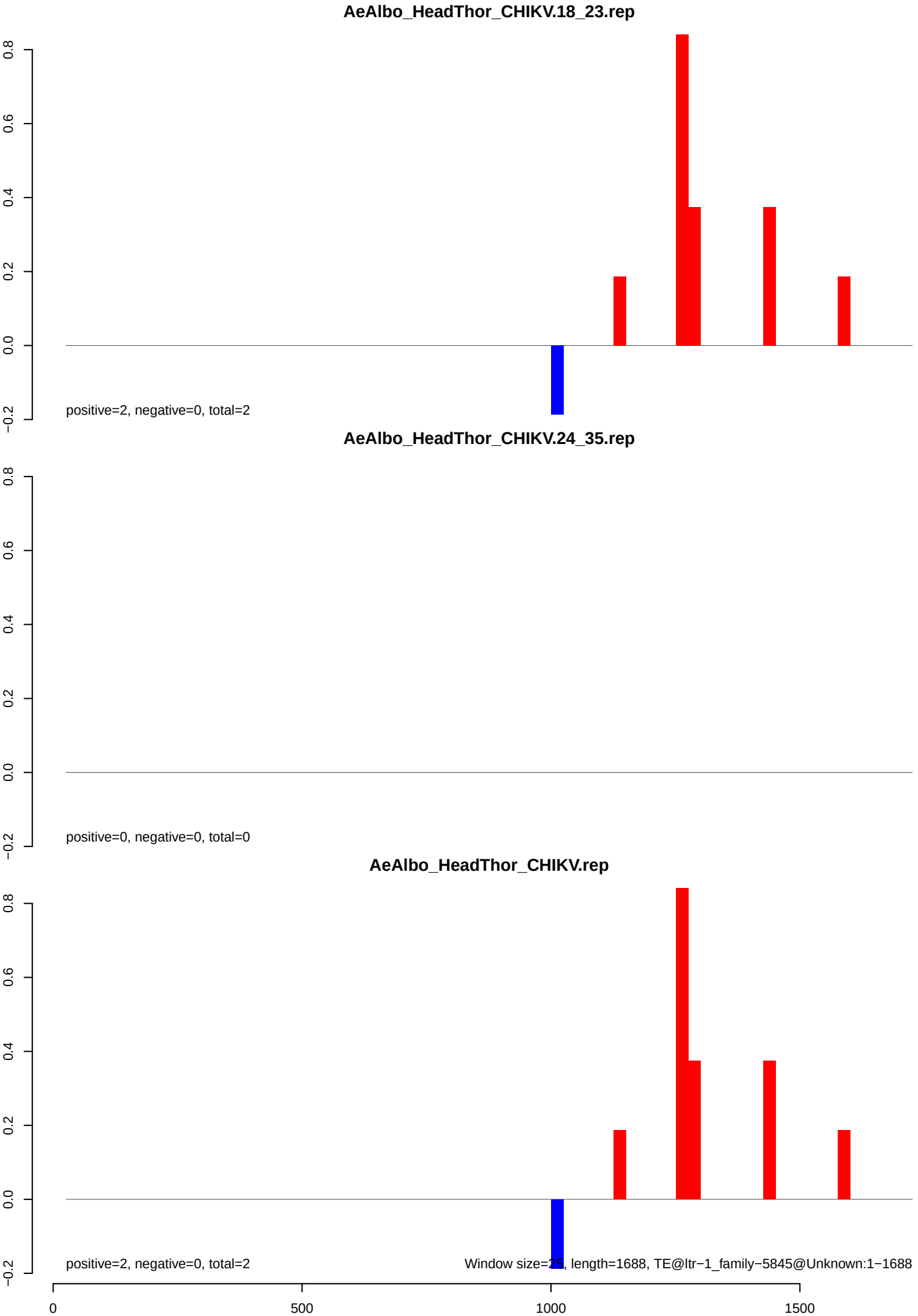

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1777, TE@ltr−1_family−6001@LTR_Gypsy:1−1777
0
500
1000
1500

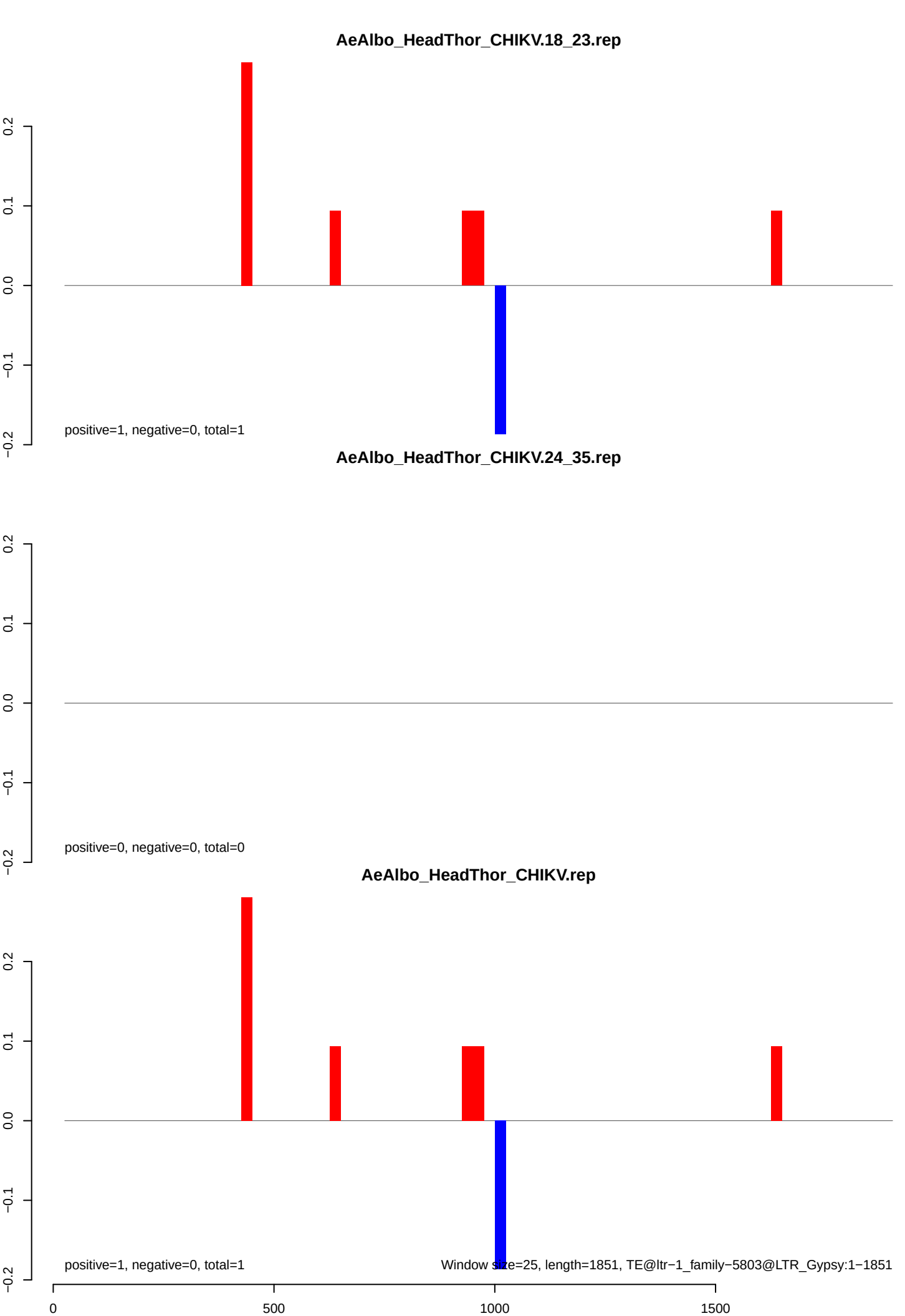

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
Window size=25, length=765, TE@ltr−1_family−5893@Unknown:1−765
0
200
400
600
800

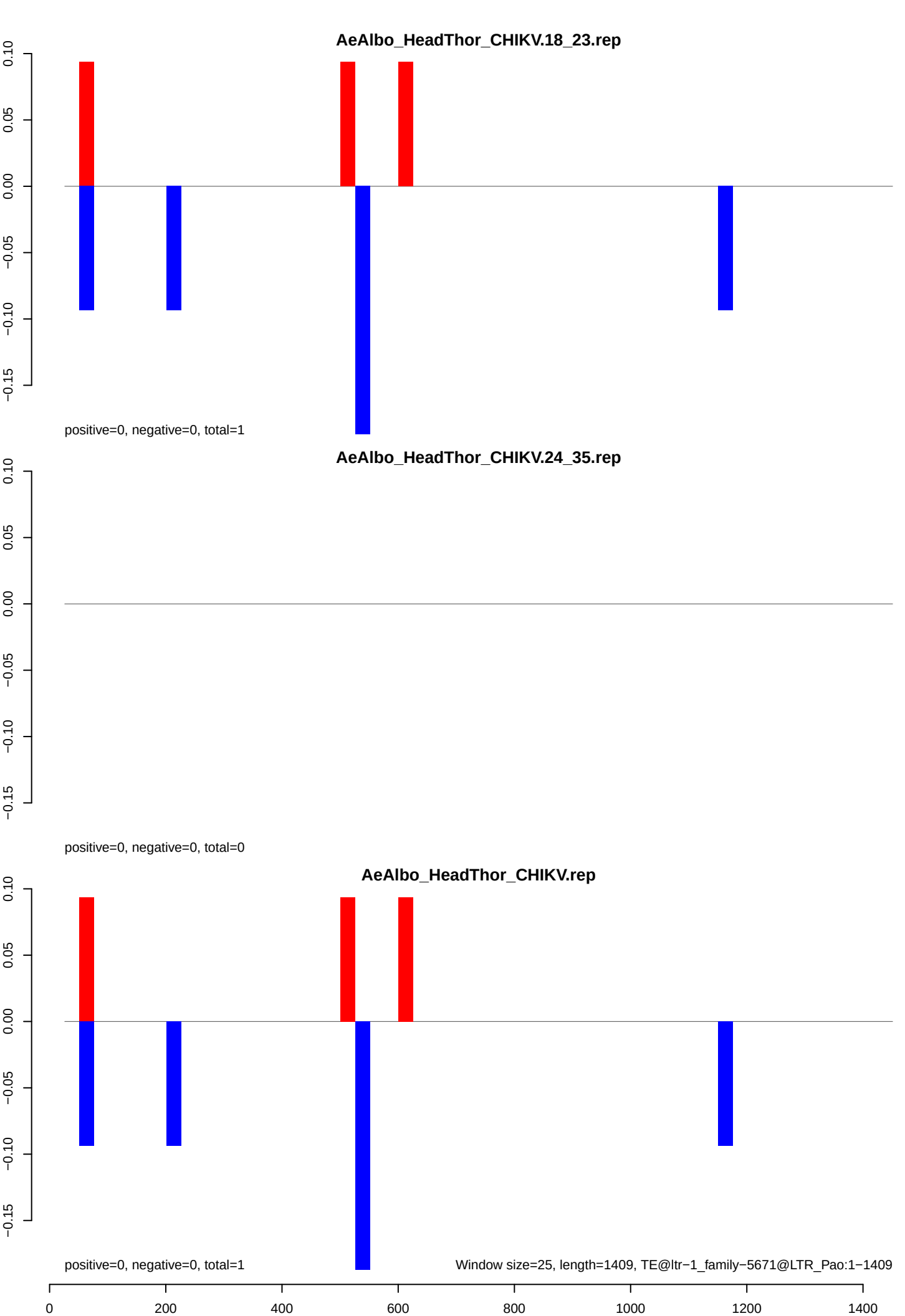

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=1, negative=0, total=2

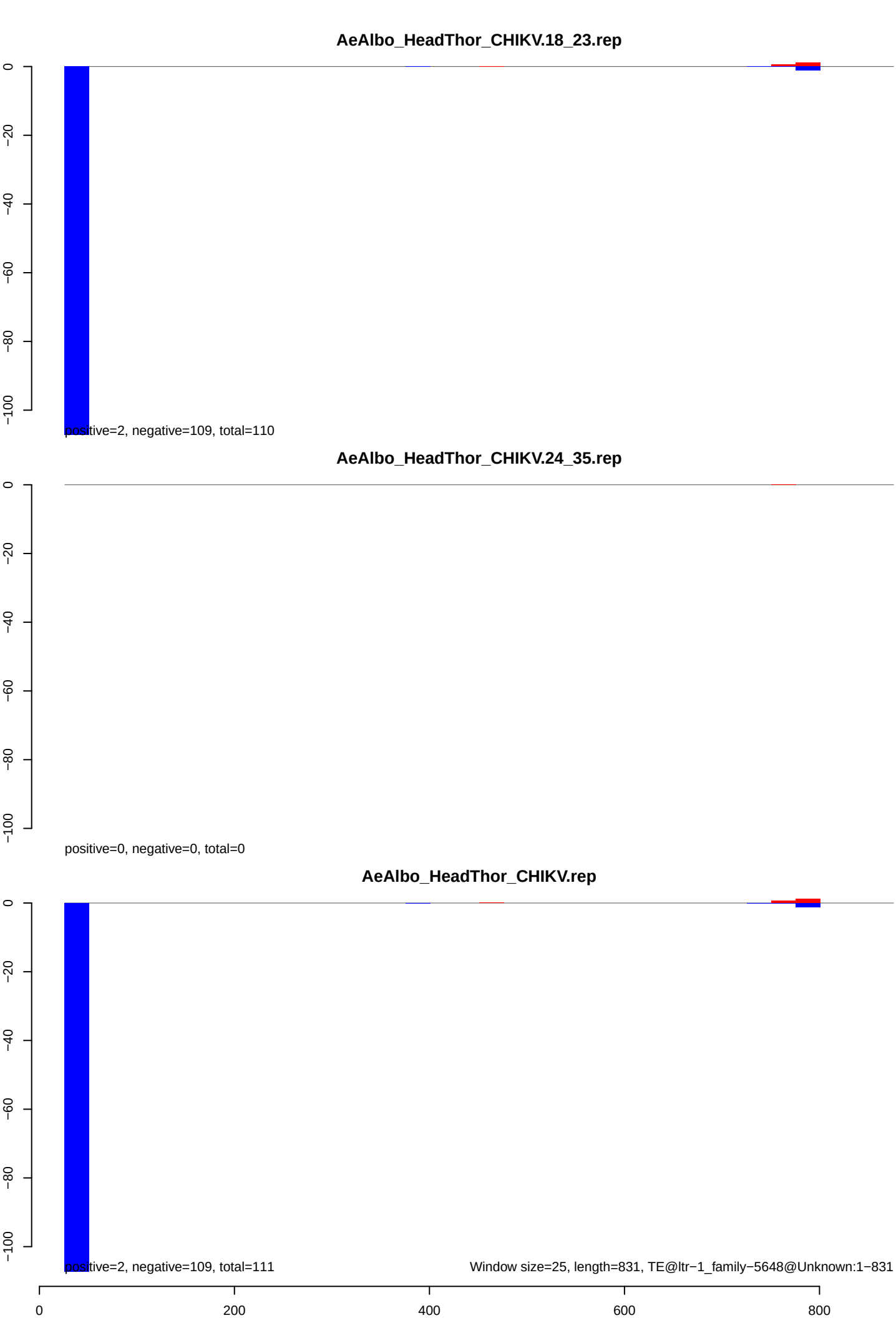

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=0, negative=0, total=0

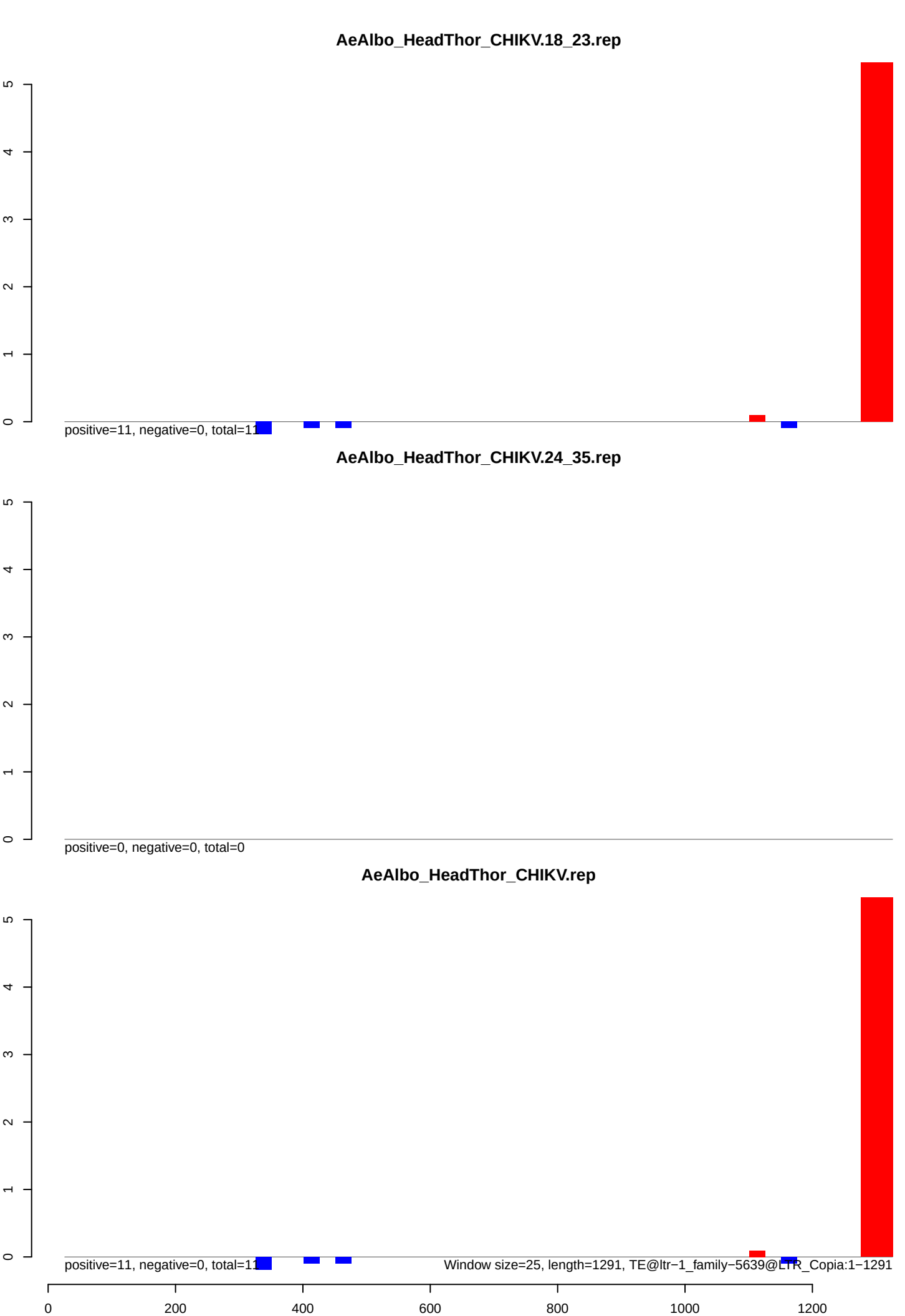

AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=1, negative=0, total=2
Window size=25, length=868, TE@ltr−1_family−5850@Unknown:1−868
0
200
400
600
800

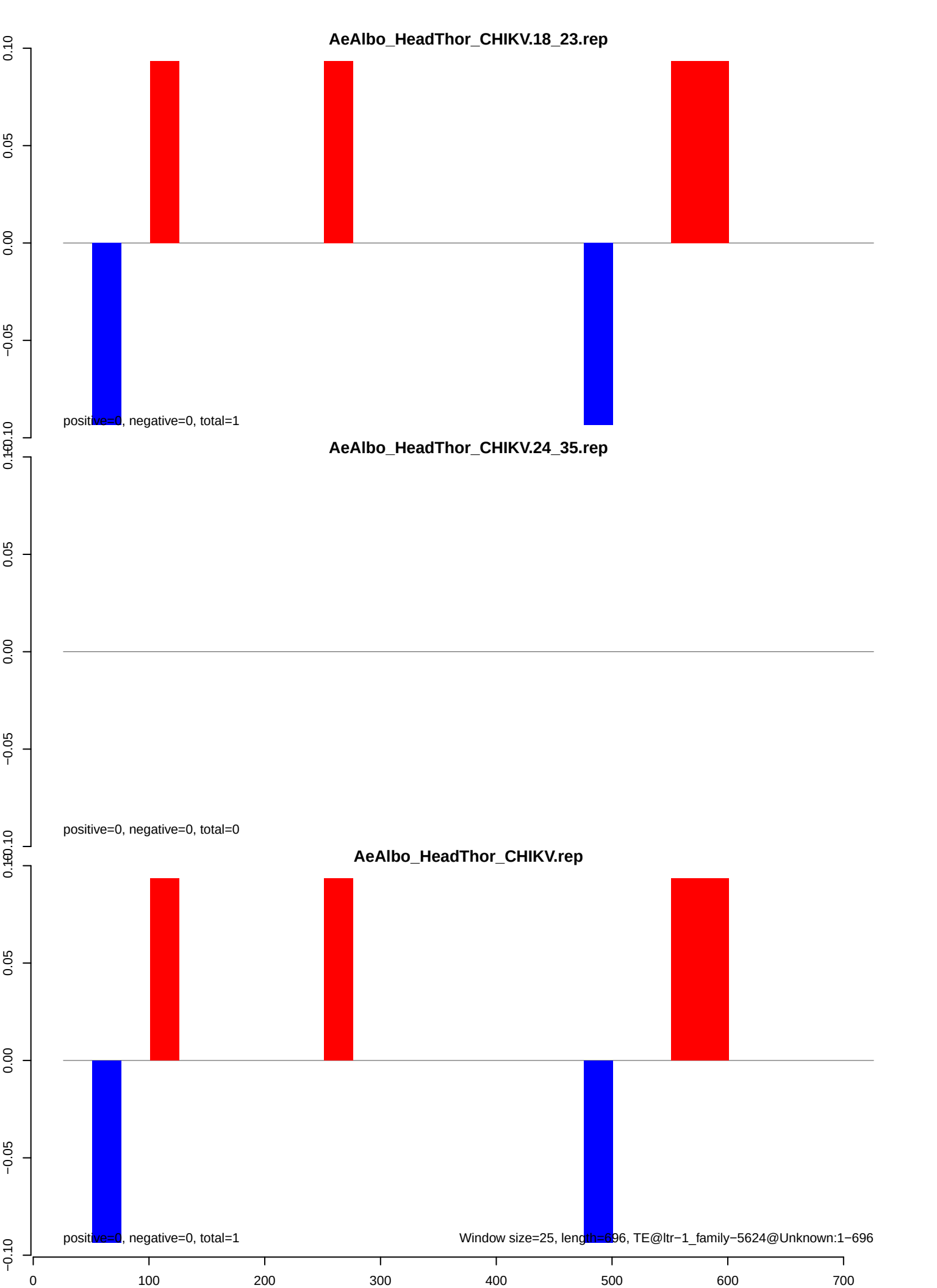

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=2, negative=0, total=2
Window size=25, length=1688, TE@ltr−1_family−5845@Unknown:1−1688
0
500
1000
1500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=1851, TE@ltr−1_family−5803@LTR_Gypsy:1−1851
0
500
1000
1500

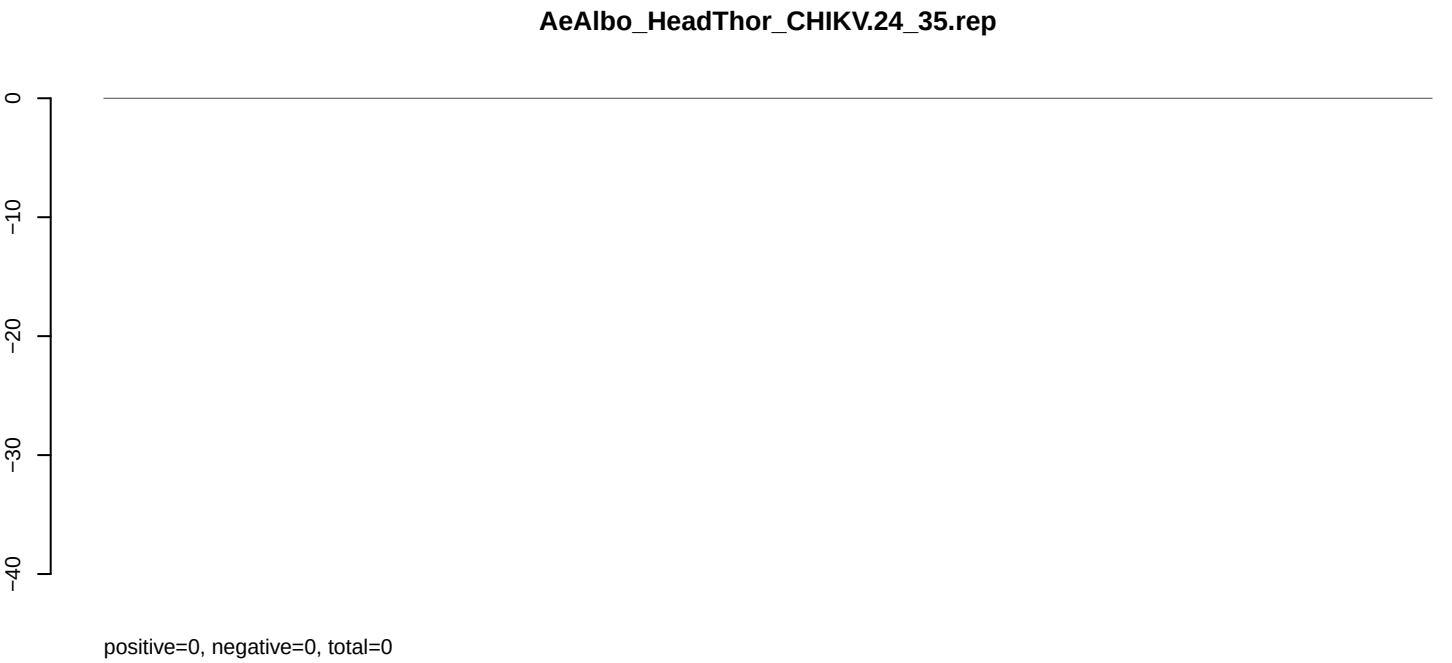

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1409, TE@ltr−1_family−5671@LTR_Pao:1−1409
0
200
400
600
800
1000
1200
1400

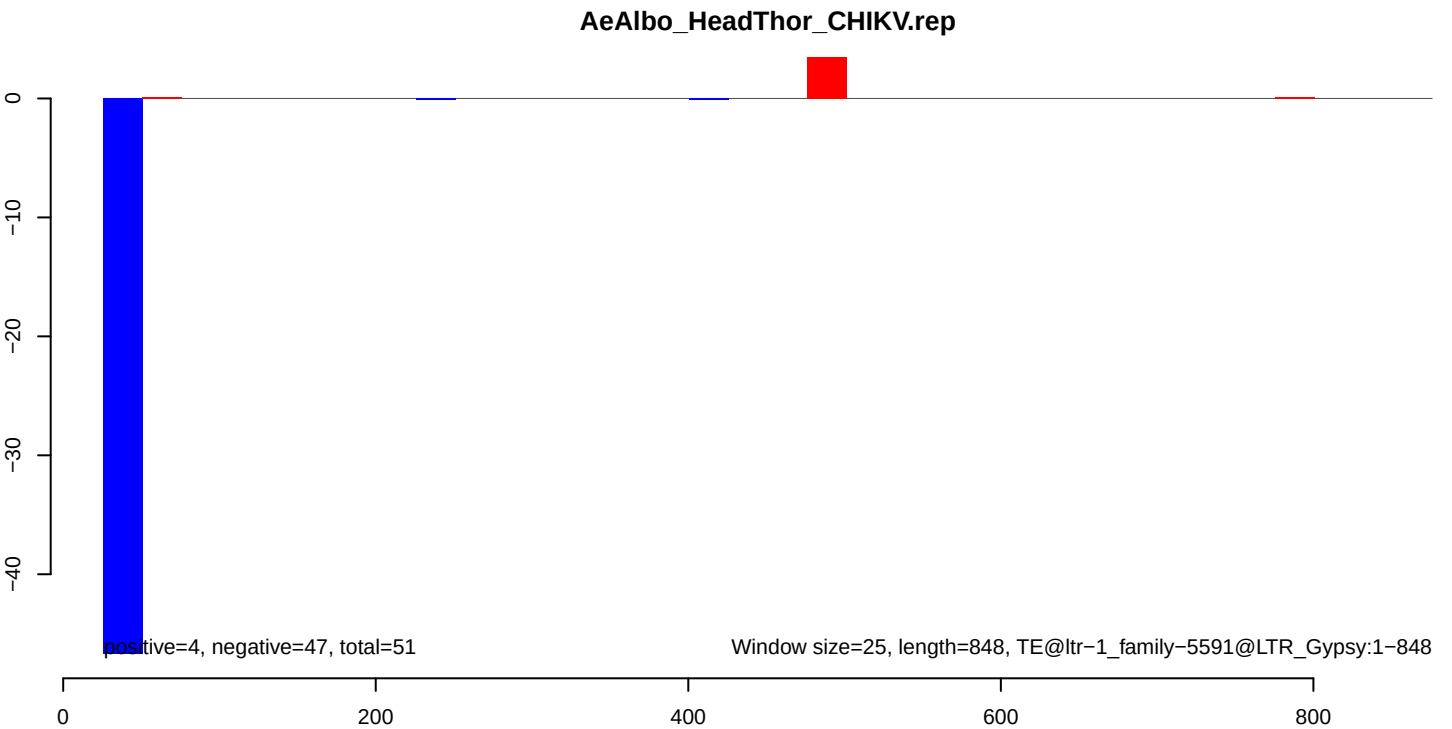

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=2, negative=109, total=110
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=2, negative=109, total=111
Window size=25, length=831, TE@ltr−1_family−5648@Unknown:1−831
0
200
400
600
800

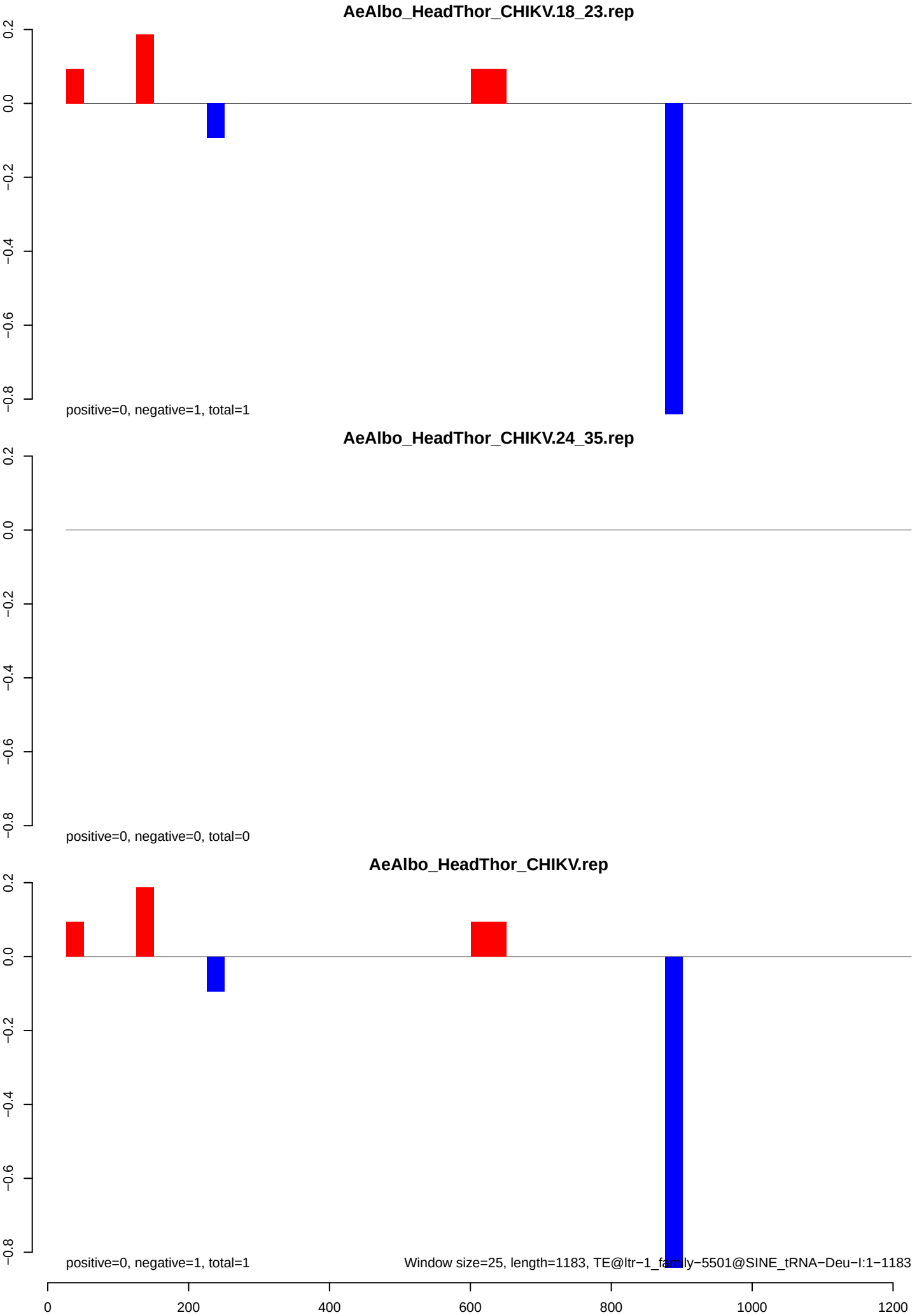

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
positive=11, negative=0, total=11
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=11, negative=0, total=11
Window size=25, length=1291, TE@ltr−1_family−5639@LTR_Copia:1−1291
0
200
400
600
800
1000
1200

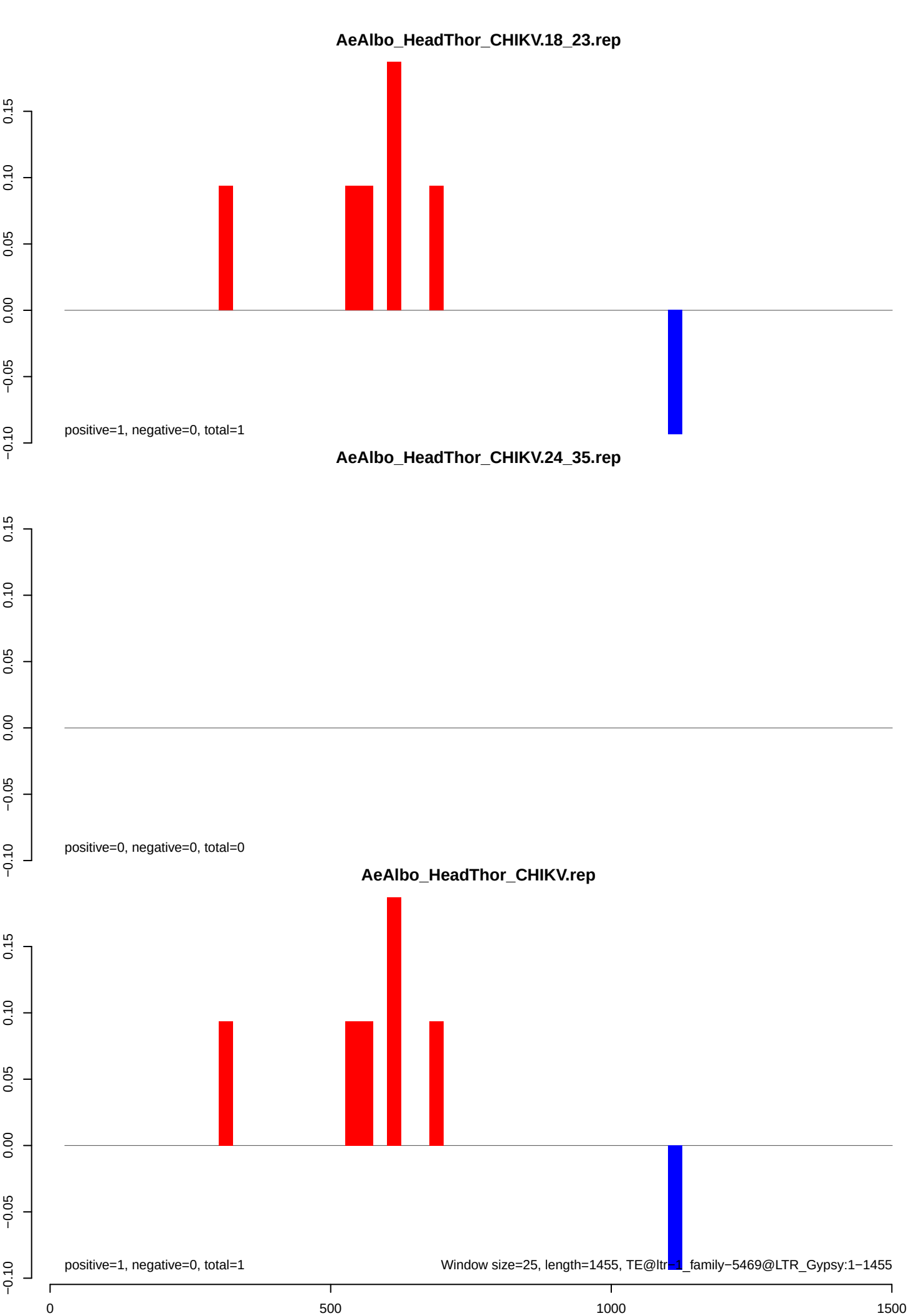

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=696, TE@ltr−1_family−5624@Unknown:1−696
0
100
200
300
400
500
600
700

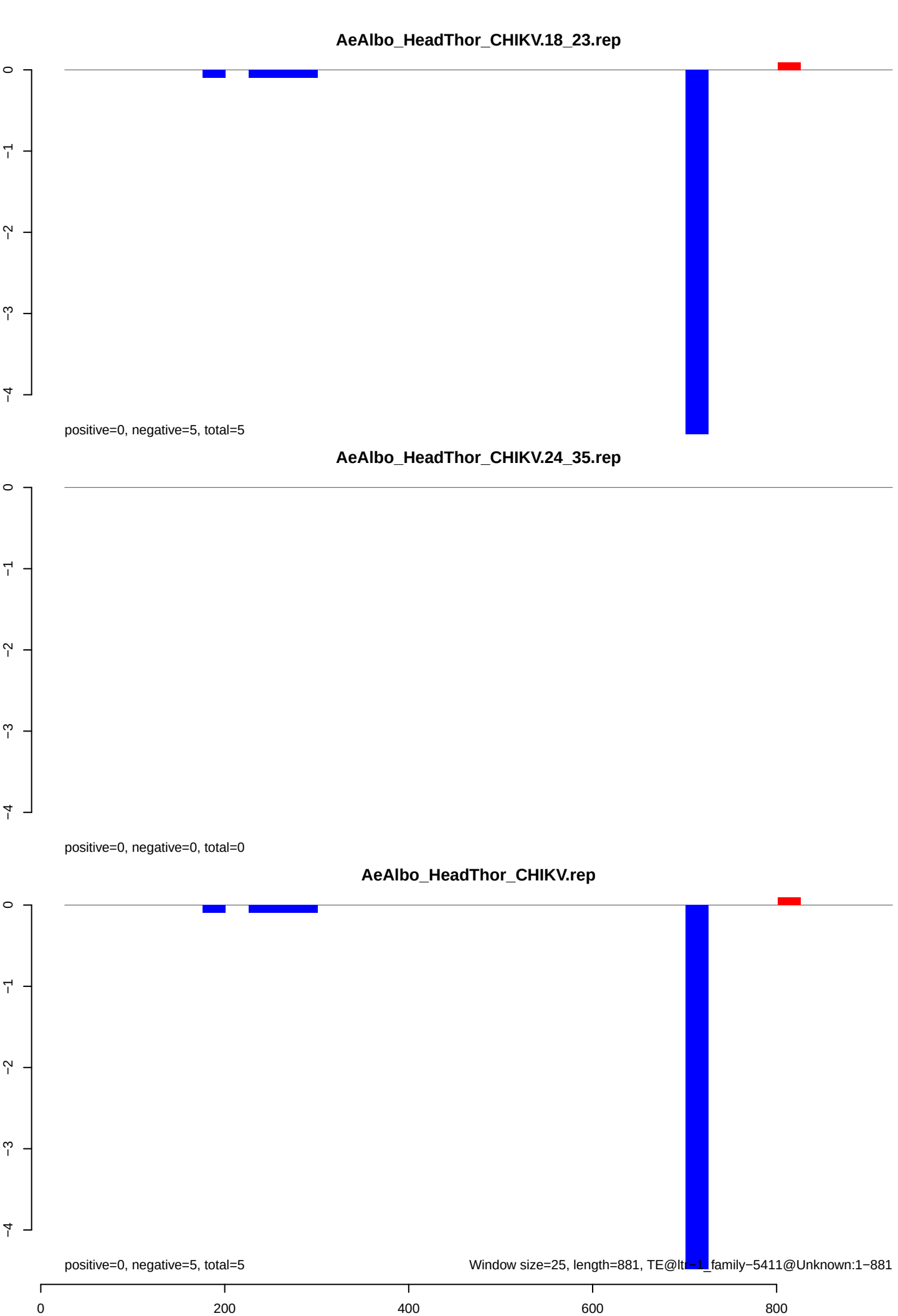
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=4, negative=47, total=51

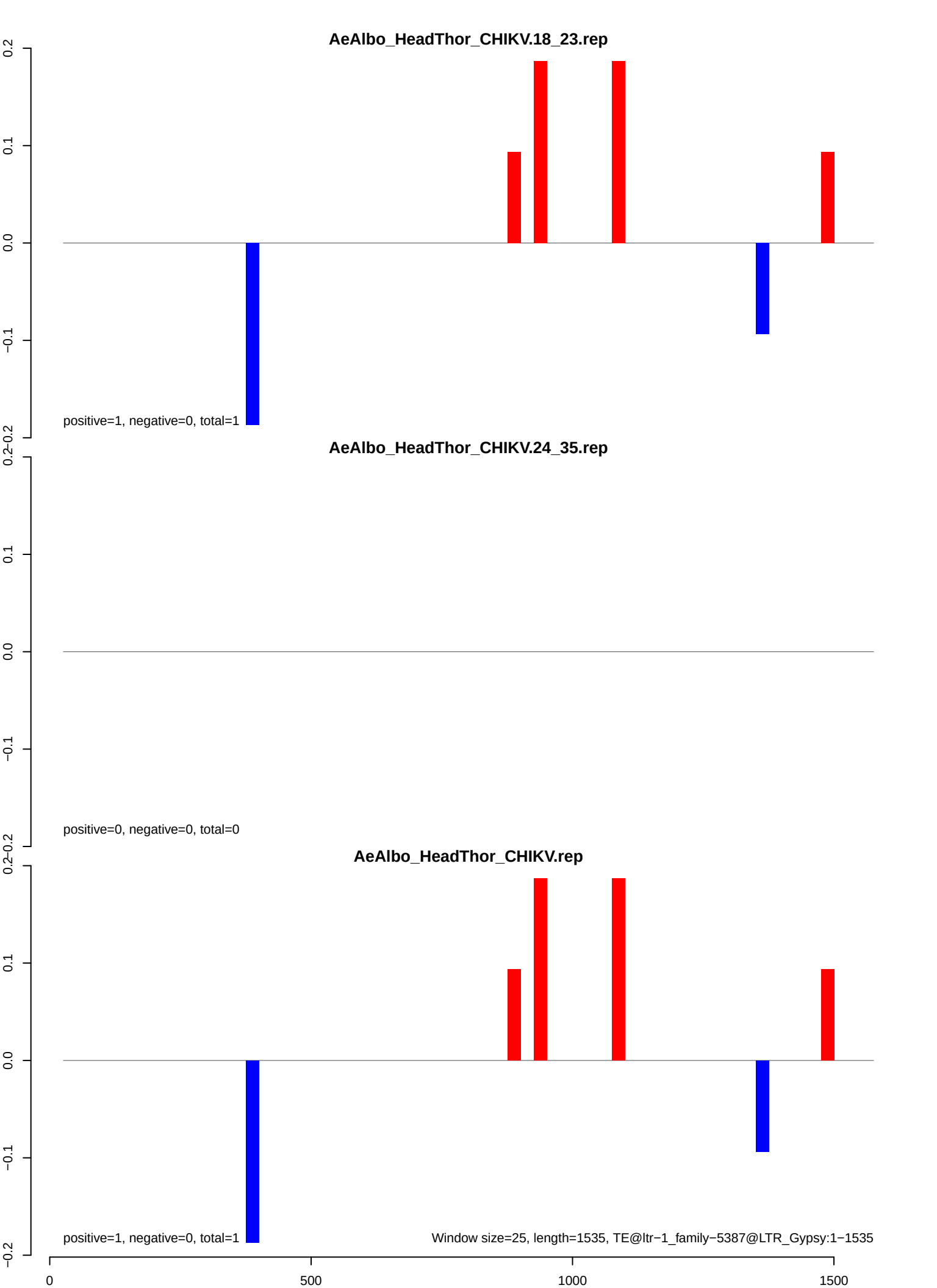

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0

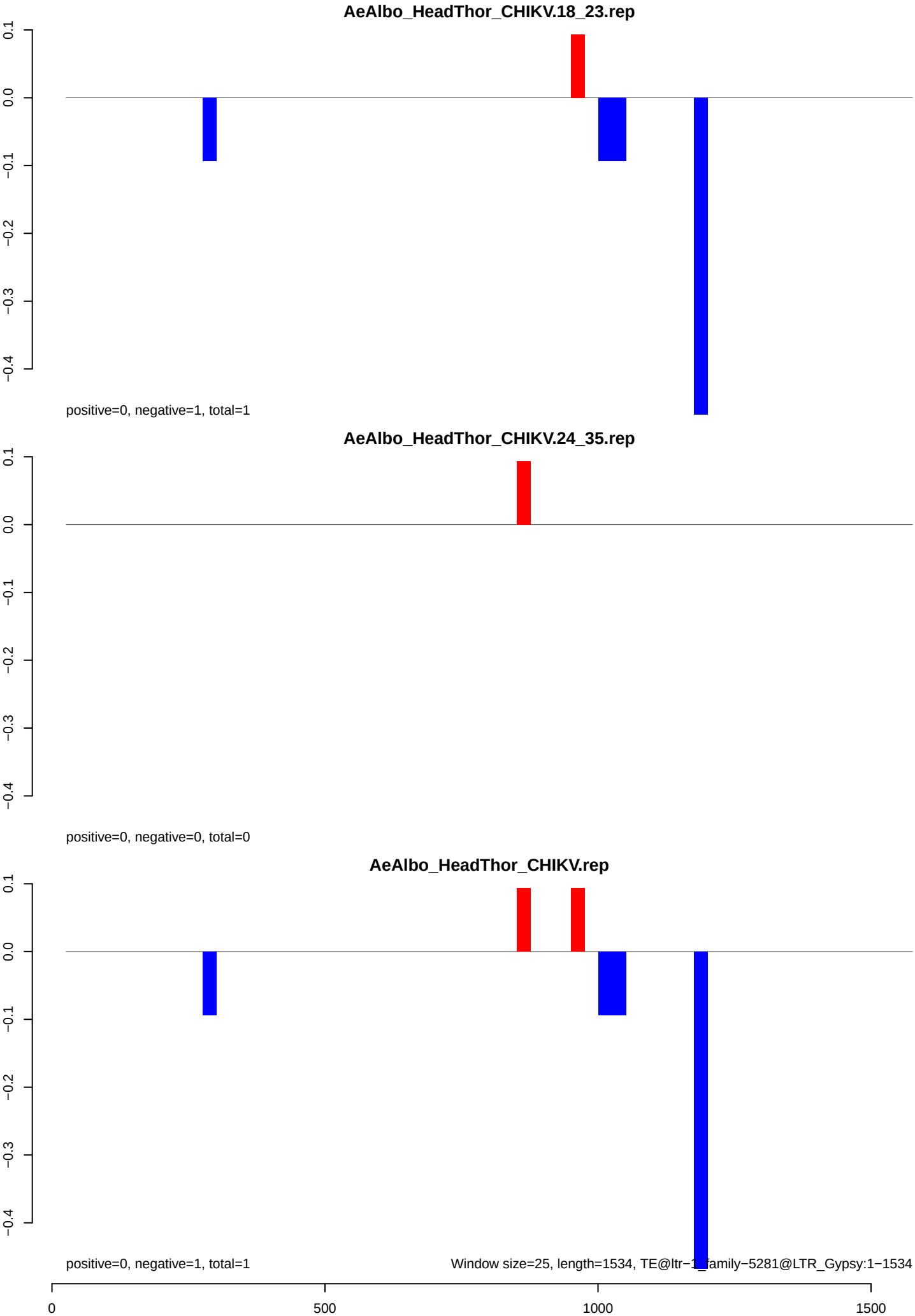

AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=4, negative=47, total=51
Window size=25, length=848, TE@ltr−1_family−5591@LTR_Gypsy:1−848
0
200
400
600
800

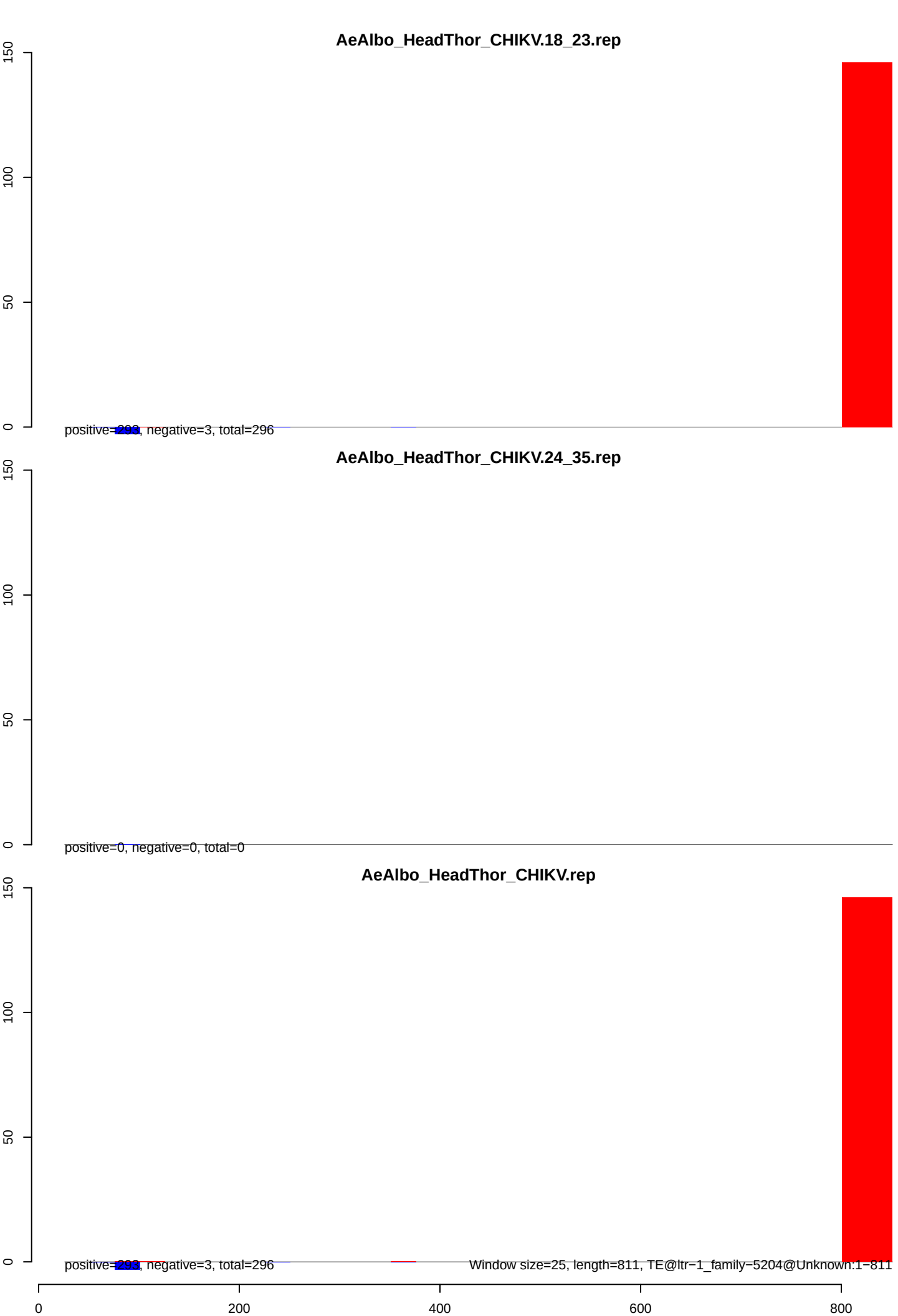

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1
Window size=25, length=1183, TE@ltr−1_family−5501@SINE_tRNA−Deu−I:1−1183
0
200
400
600
800
1000
1200

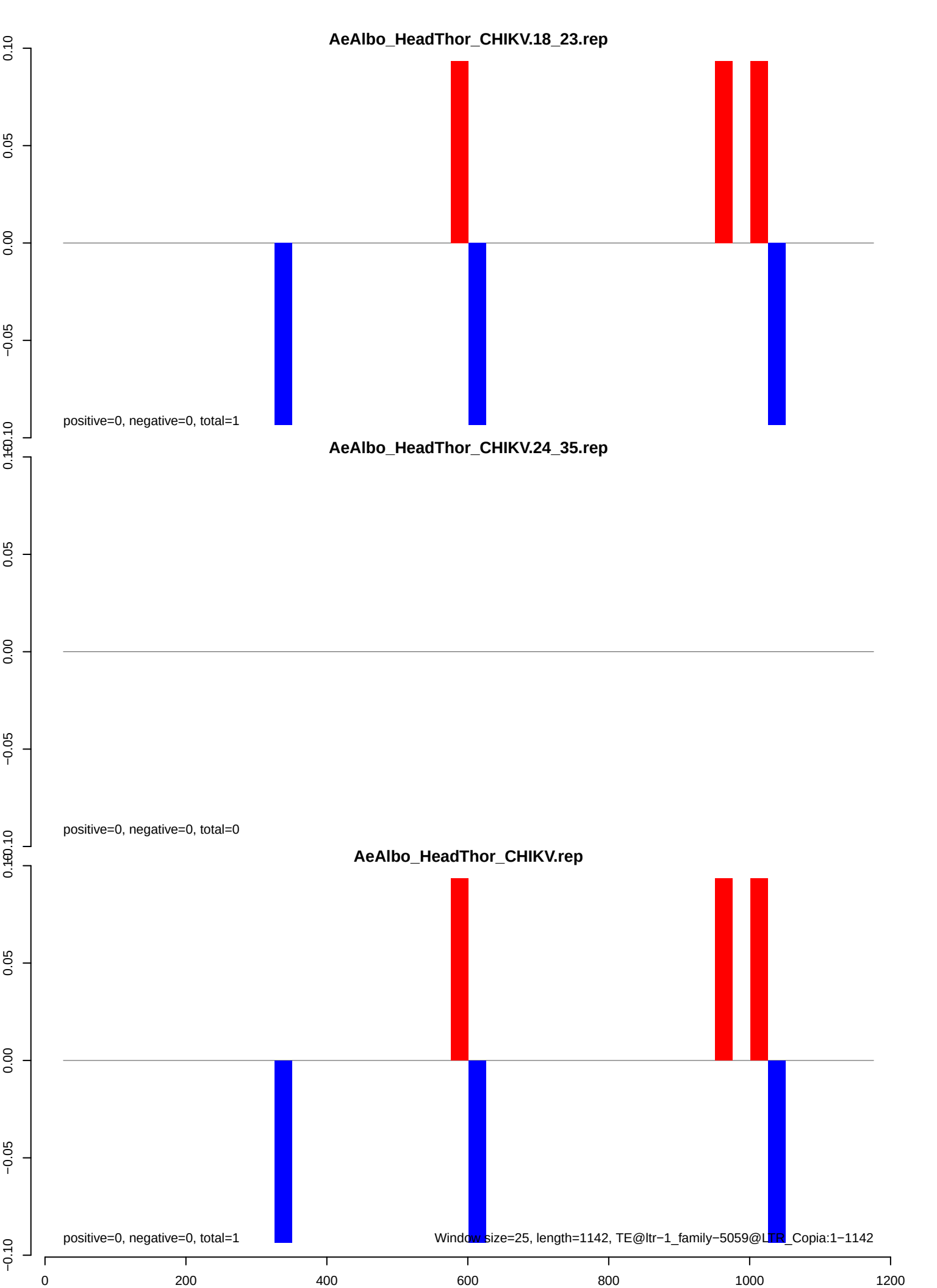

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=1455, TE@ltr−1_family−5469@LTR_Gypsy:1−1455
0
500
1000
1500

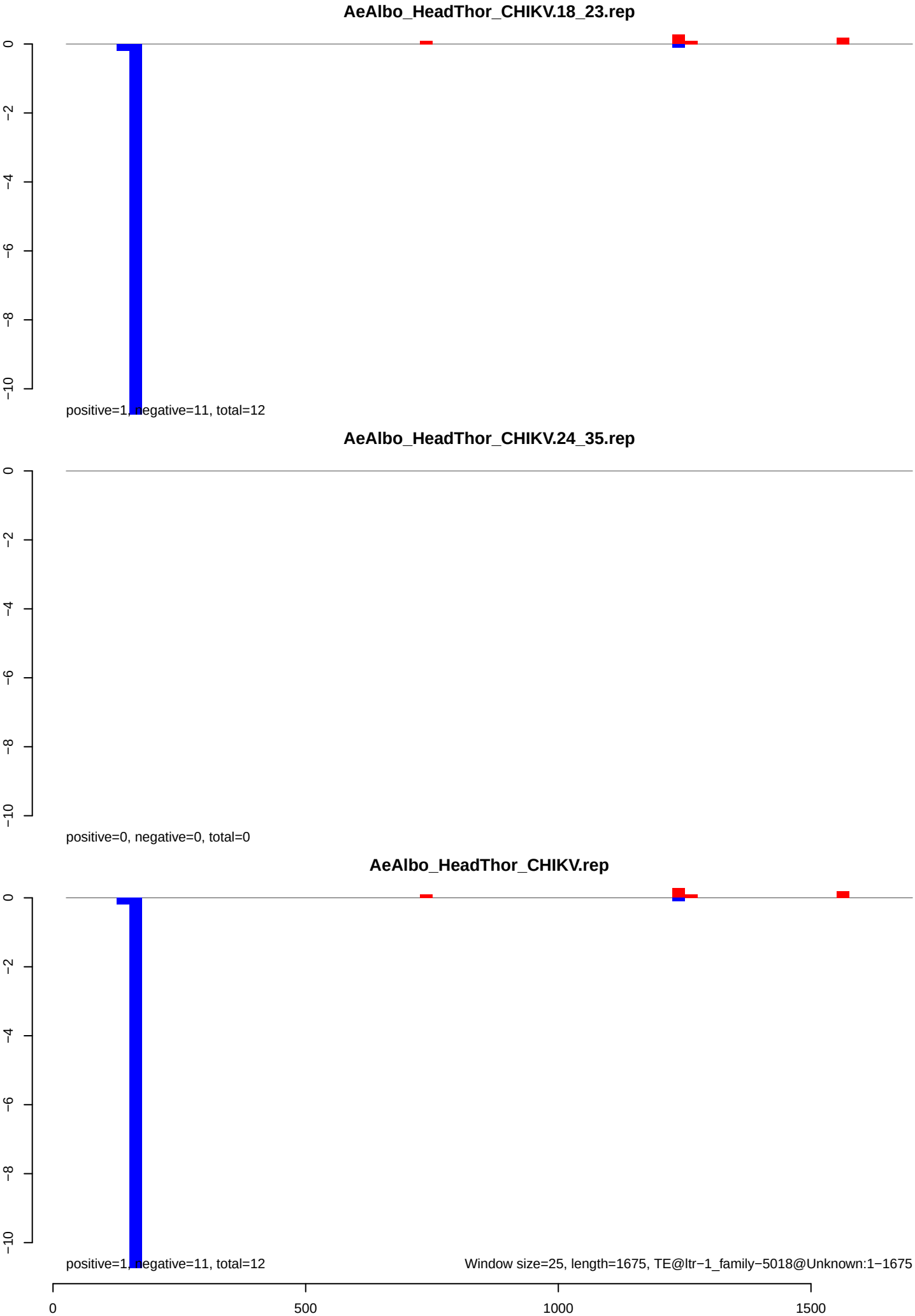

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=0, negative=5, total=5
Window size=25, length=881, TE@lt
1_family−5411@Unknown:1−881
0
200
400
600
800

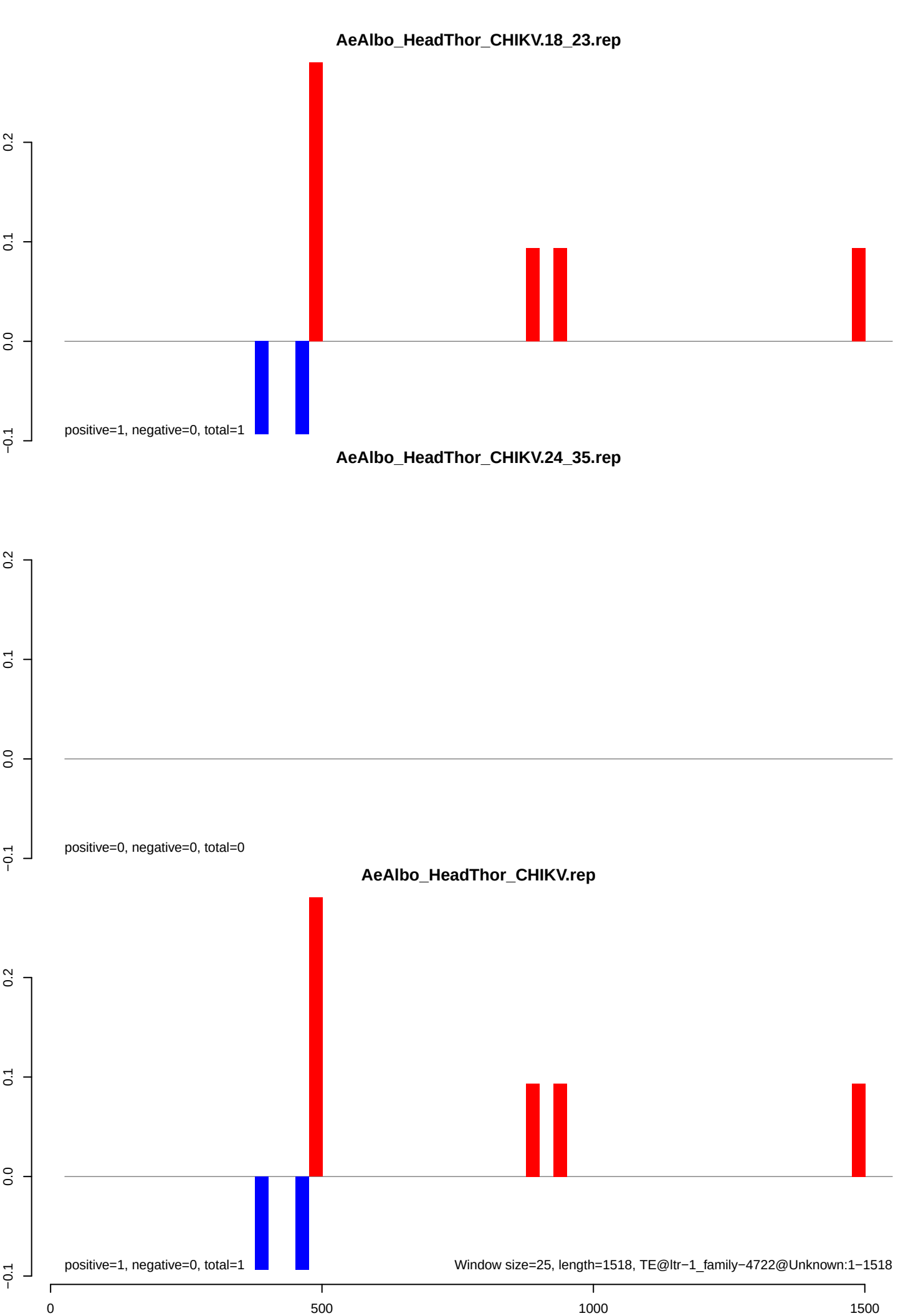

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1535, TE@ltr−1_family−5387@LTR_Gypsy:1−1535
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500

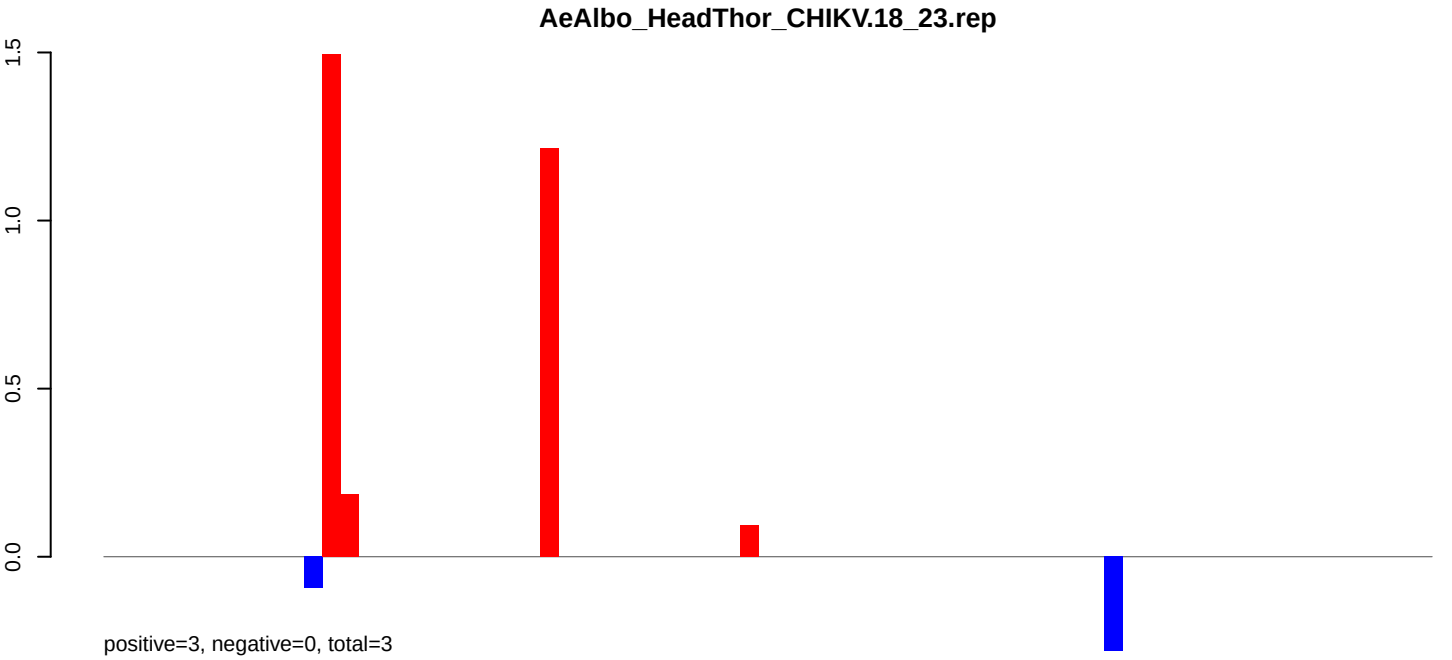

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1534, TE@ltr−1_family−5281@LTR_Gypsy:1−1534
0
500
1000
1500

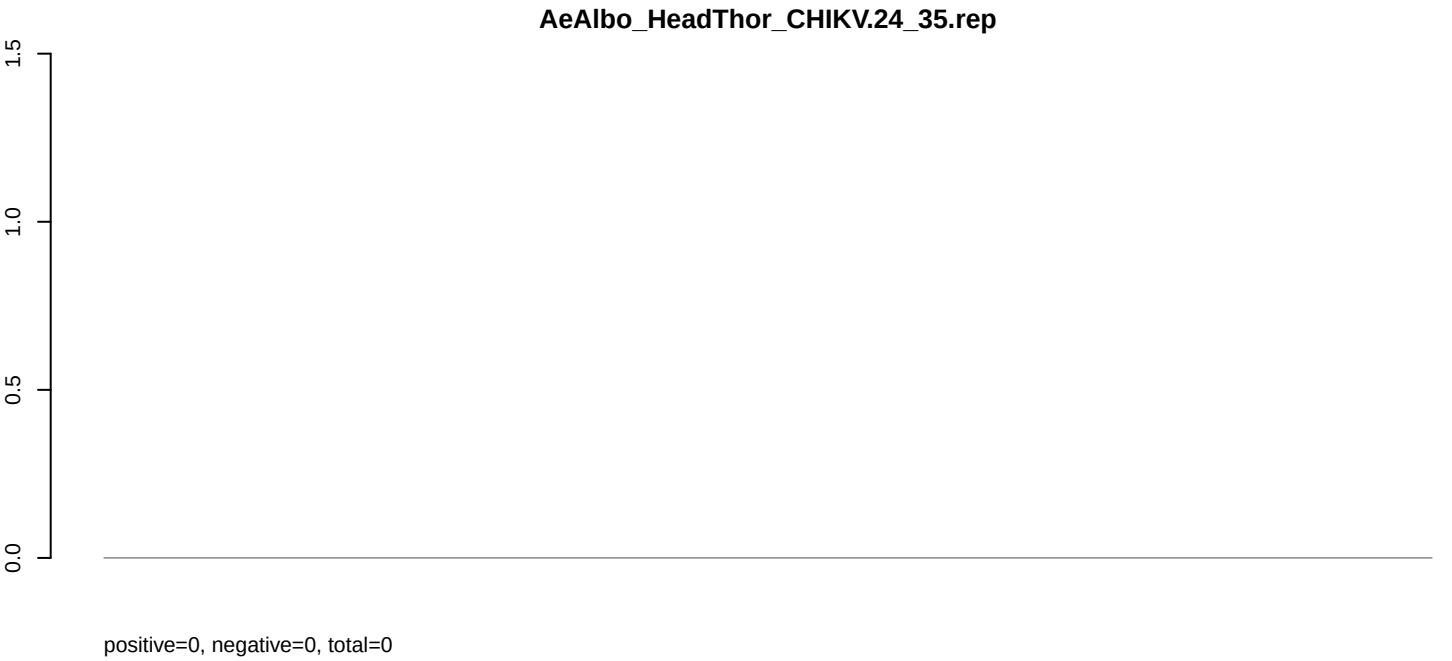

AeAlbo_HeadThor_CHIKV.18_23.rep
150
100
50
0
positive=293, negative=3, total=296
AeAlbo_HeadThor_CHIKV.24_35.rep
150
100
50
0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
150
100
50
0
positive=293, negative=3, total=296
Window size=25, length=811, TE@ltr−1_family−5204@Unknown:1−811
0
200
400
600
800

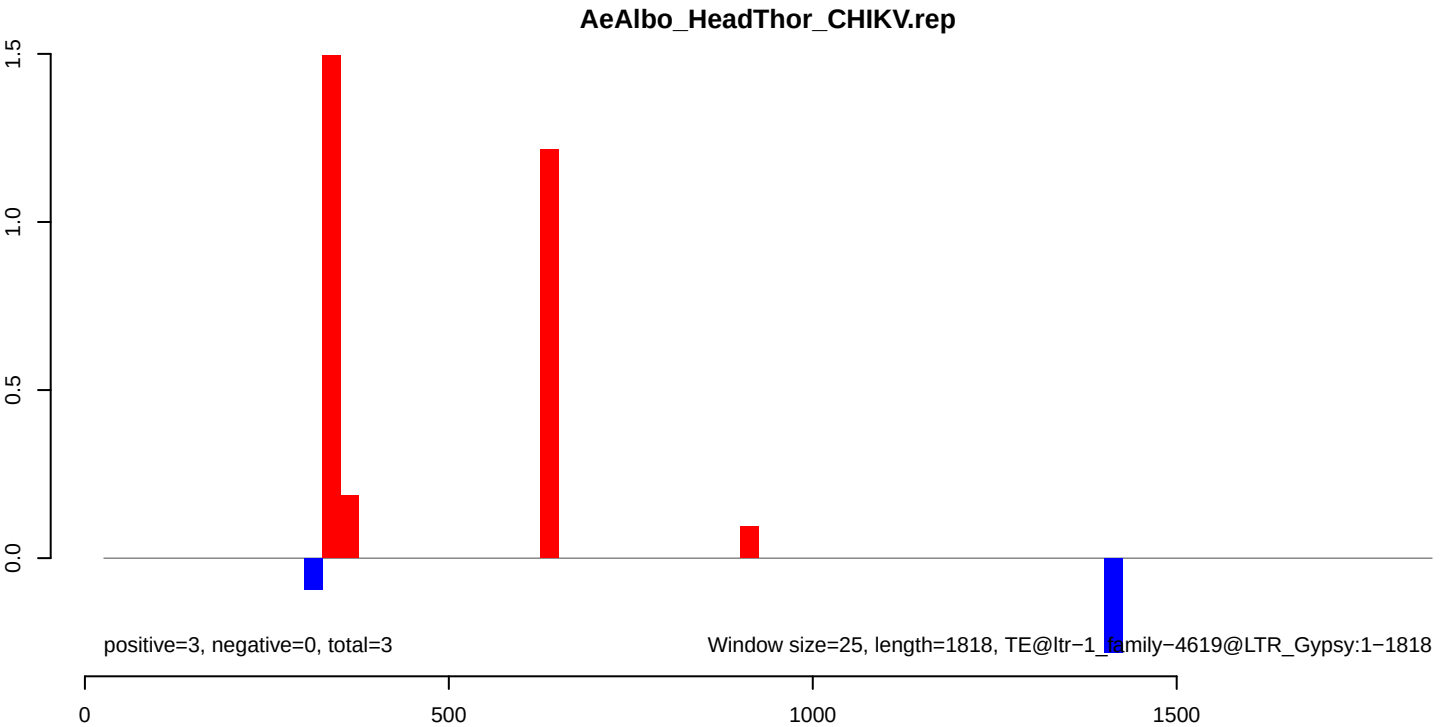

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1142, TE@ltr−1_family−5059@LTR_Copia:1−1142
0
200
400
600
800
1000
1200

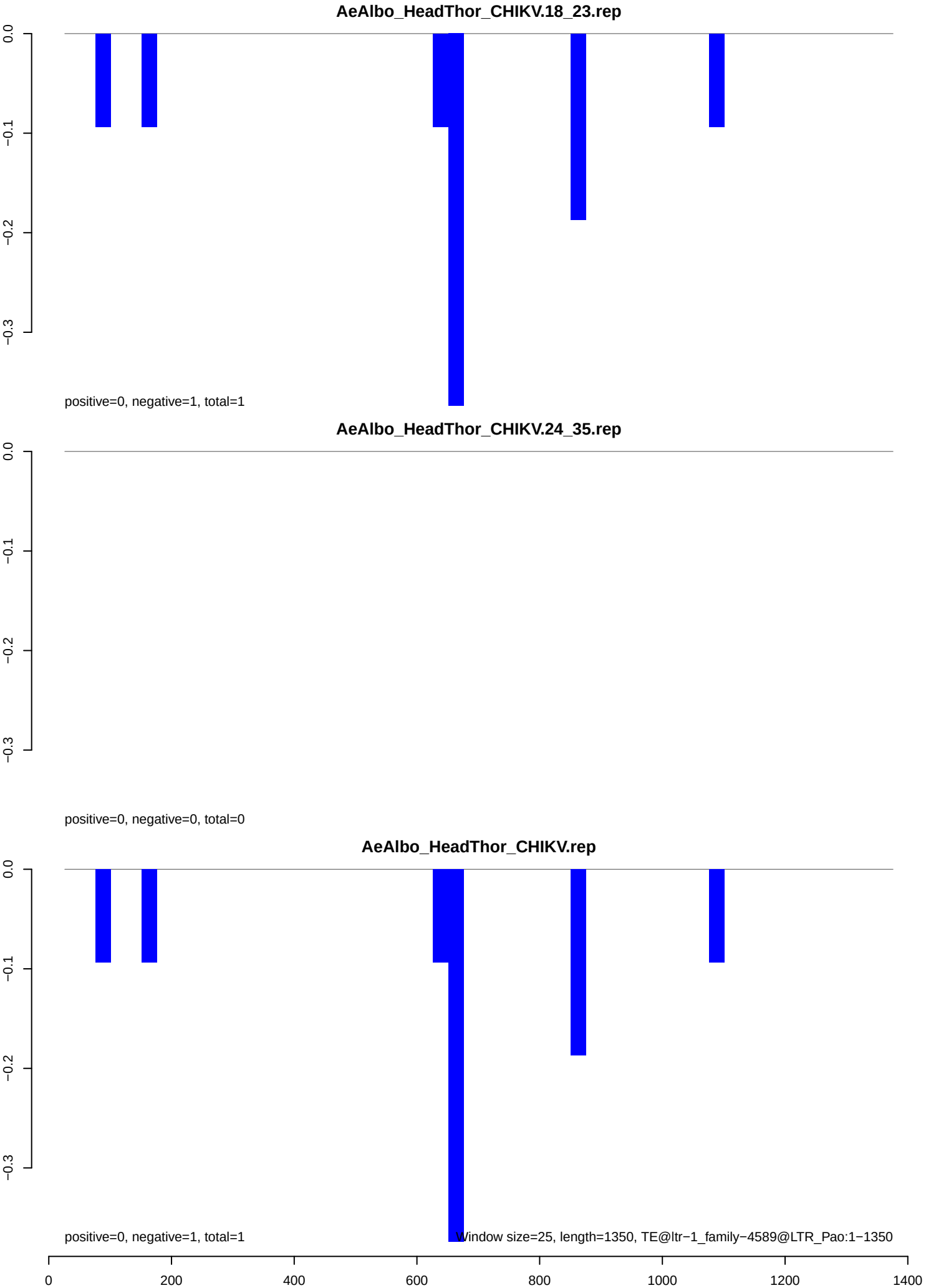

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
positive=1, negative=11, total=12
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
positive=1, negative=11, total=12
Window size=25, length=1675, TE@ltr−1_family−5018@Unknown:1−1675
0
500
1000
1500

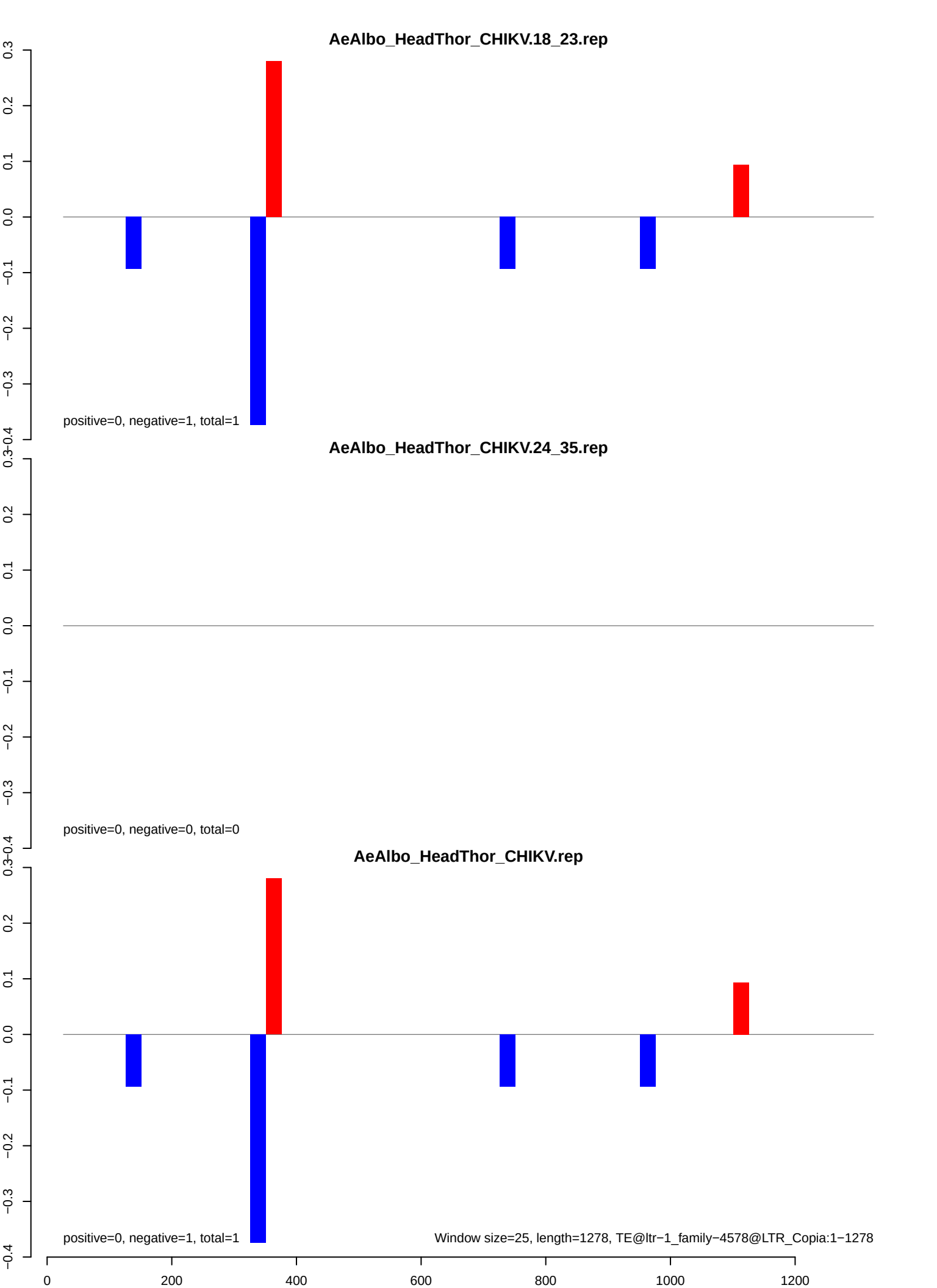

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1518, TE@ltr−1_family−4722@Unknown:1−1518
0
500
1000
1500

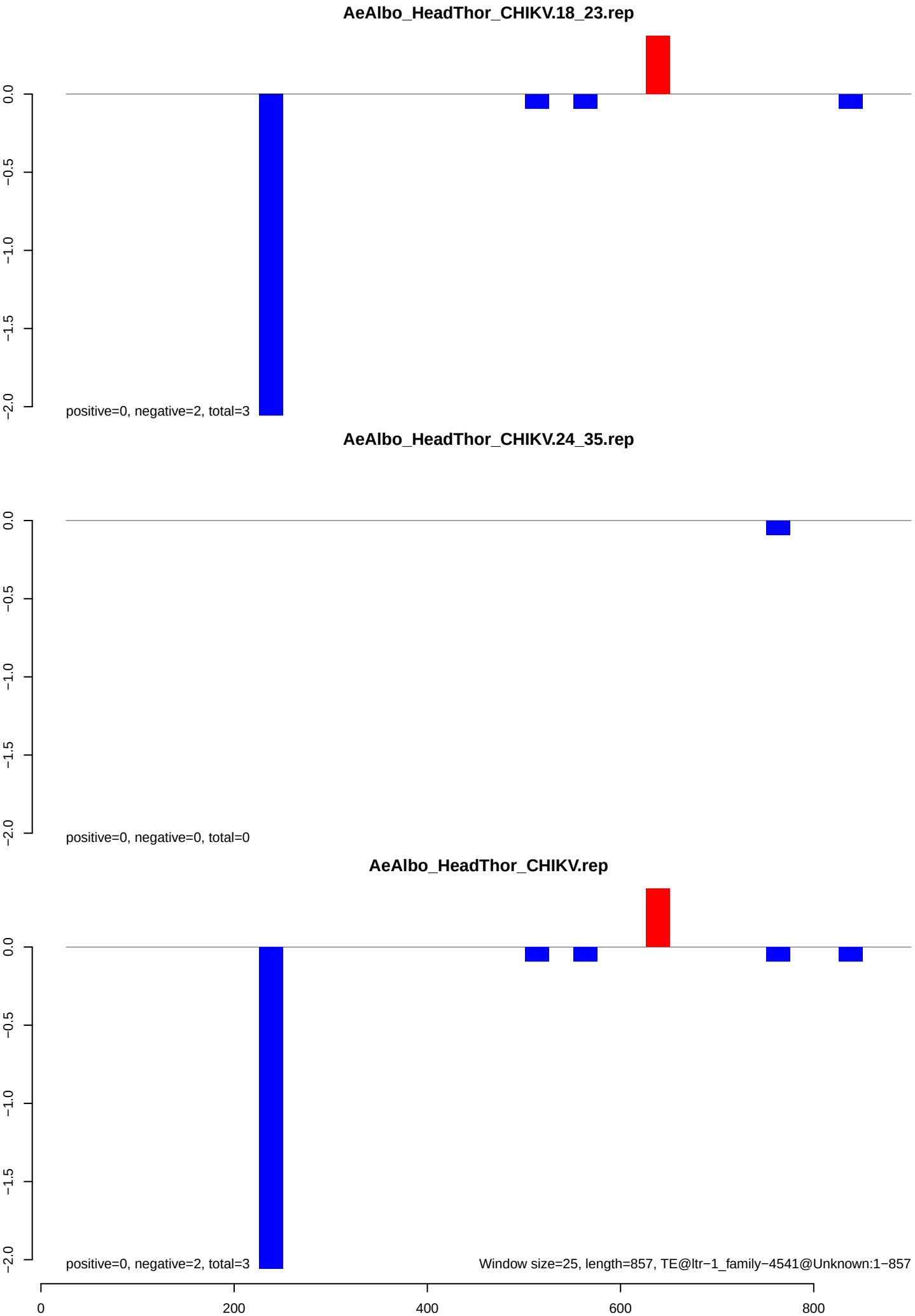

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3

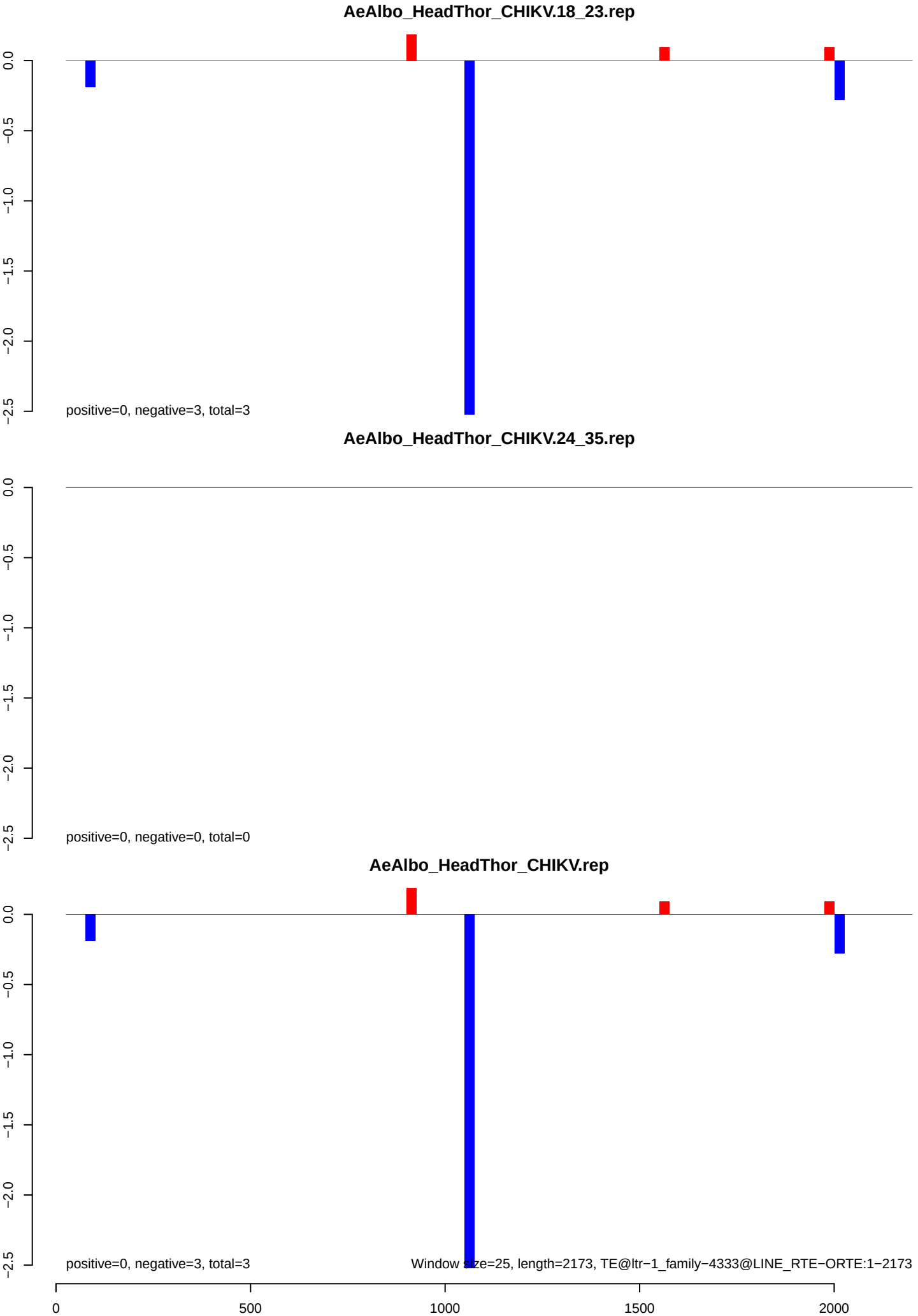

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

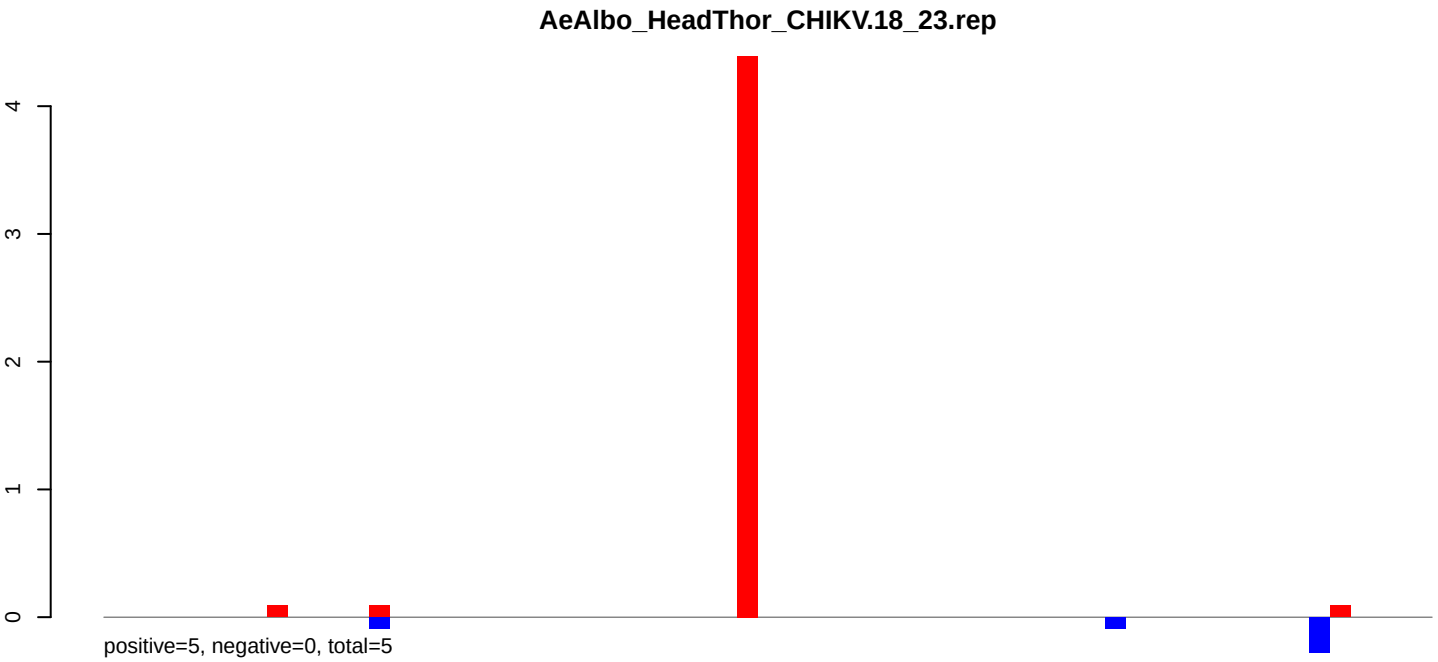

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3
Window size=25, length=1818, TE@ltr−1_family−4619@LTR_Gypsy:1−1818
0
500
1000
1500

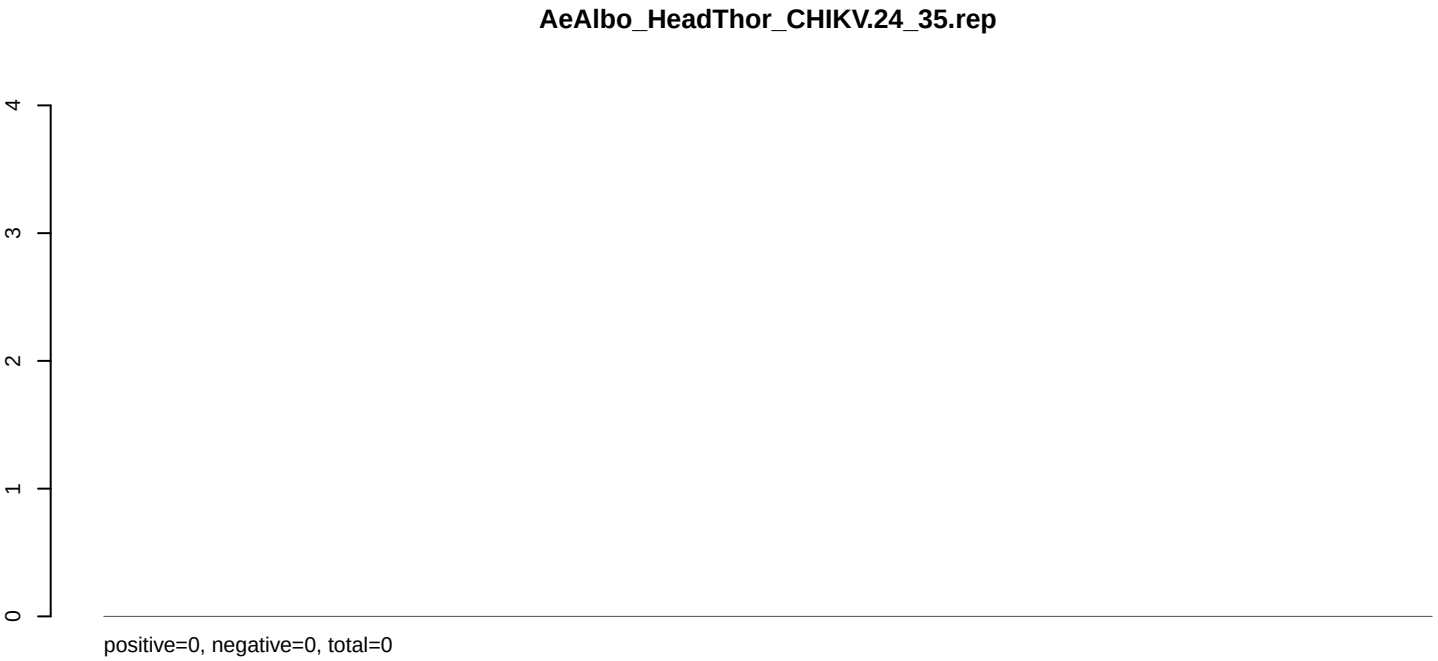

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=1350, TE@ltr−1_family−4589@LTR_Pao:1−1350
0
200
400
600
800
1000
1200
1400

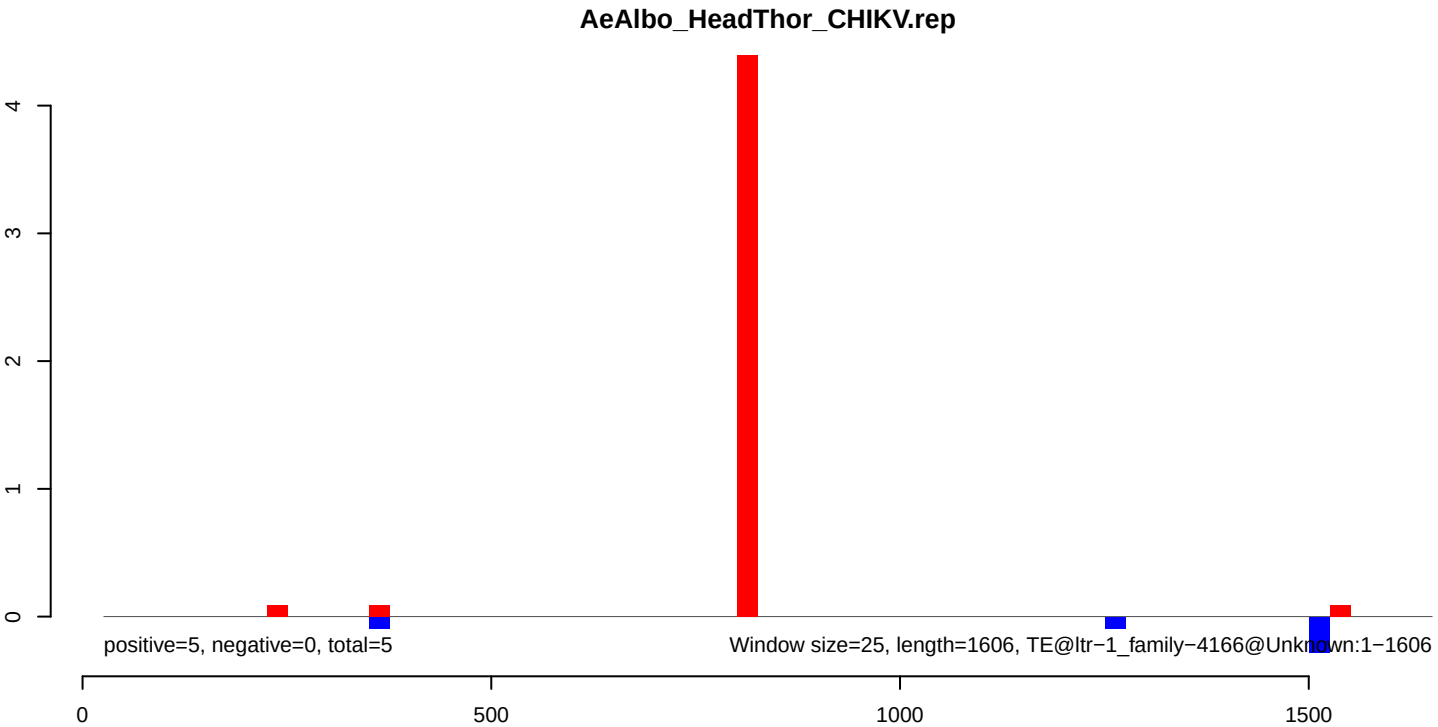

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=1278, TE@ltr−1_family−4578@LTR_Copia:1−1278
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
200
400
600
800
1000
1200

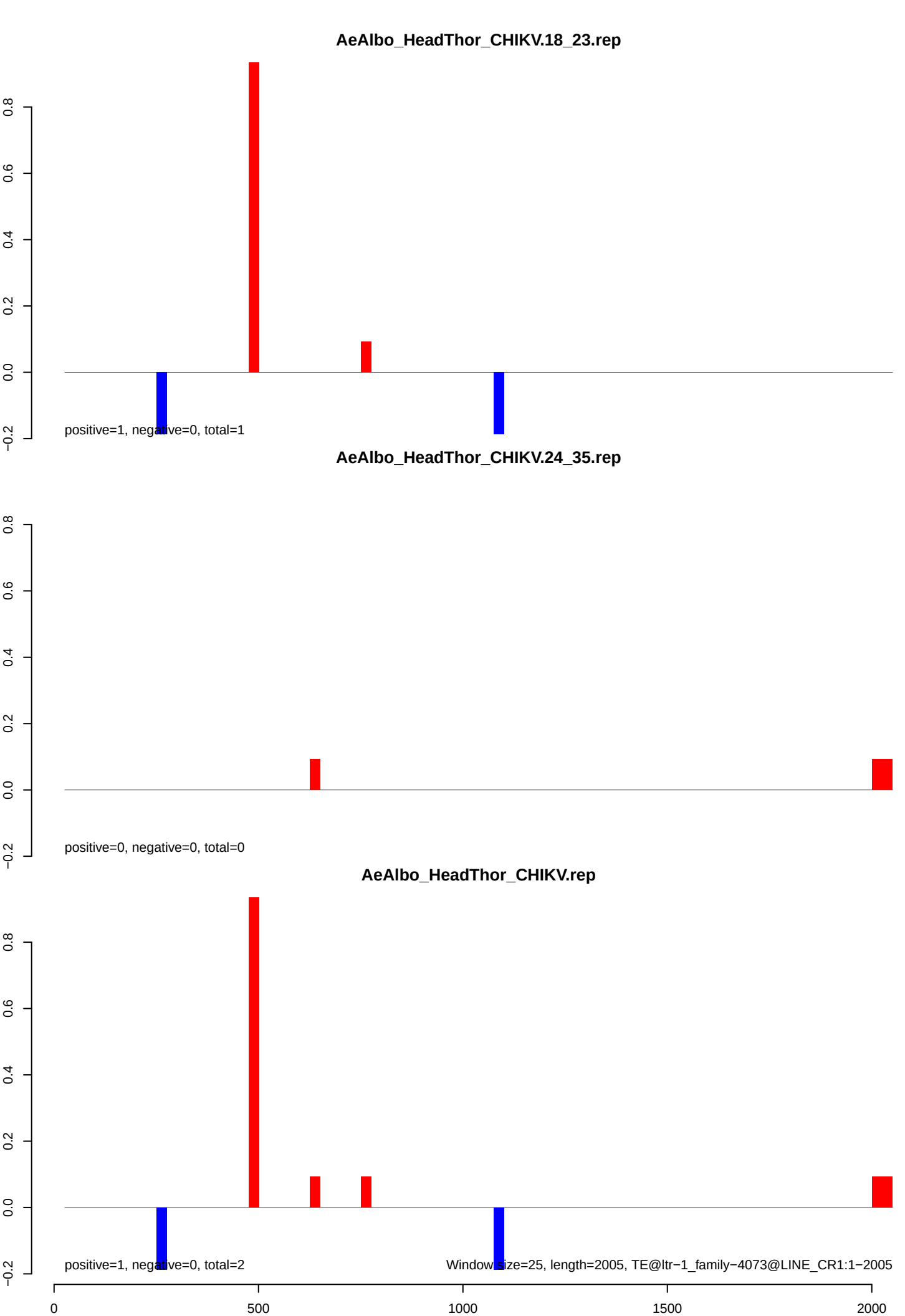

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=3
Window size=25, length=857, TE@ltr−1_family−4541@Unknown:1−857
0
200
400
600
800

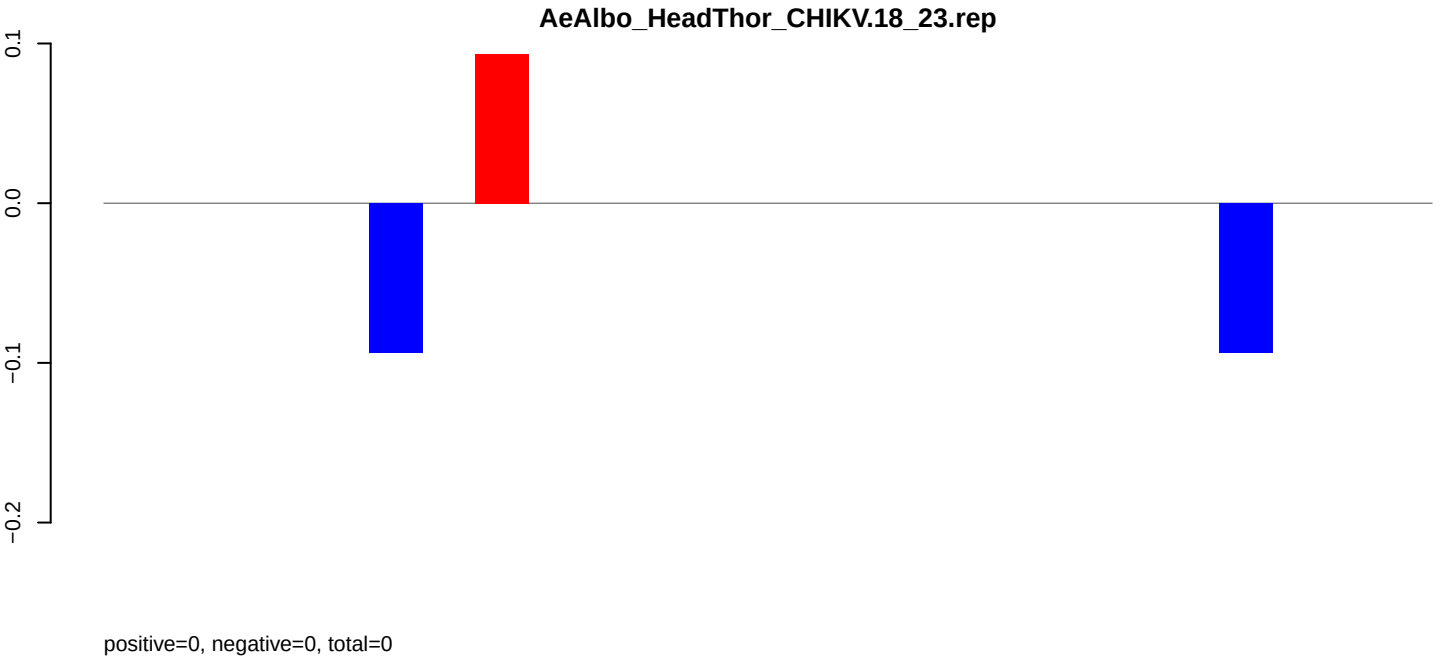

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=3, total=3
Window size=25, length=2173, TE@ltr−1_family−4333@LINE_RTE−ORTE:1−2173
0
500
1000
1500
2000

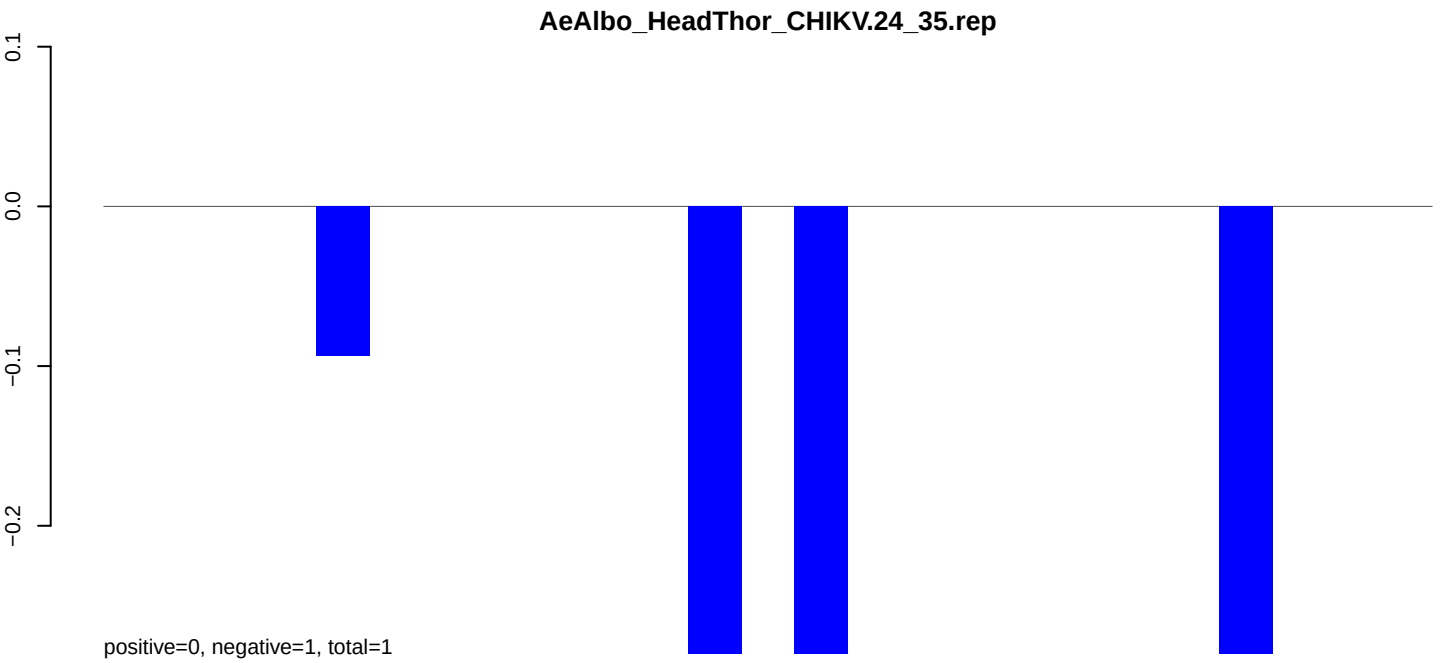

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=5, negative=0, total=5

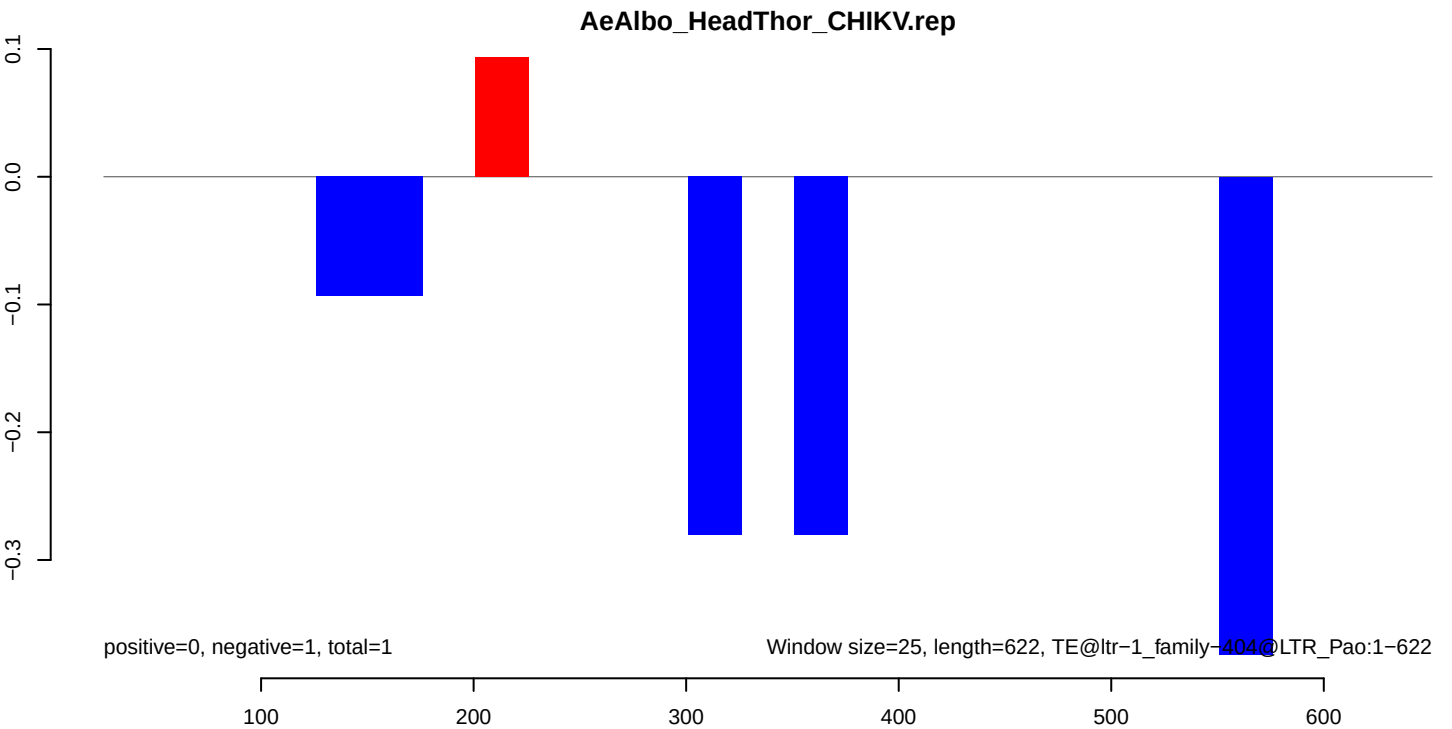

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0

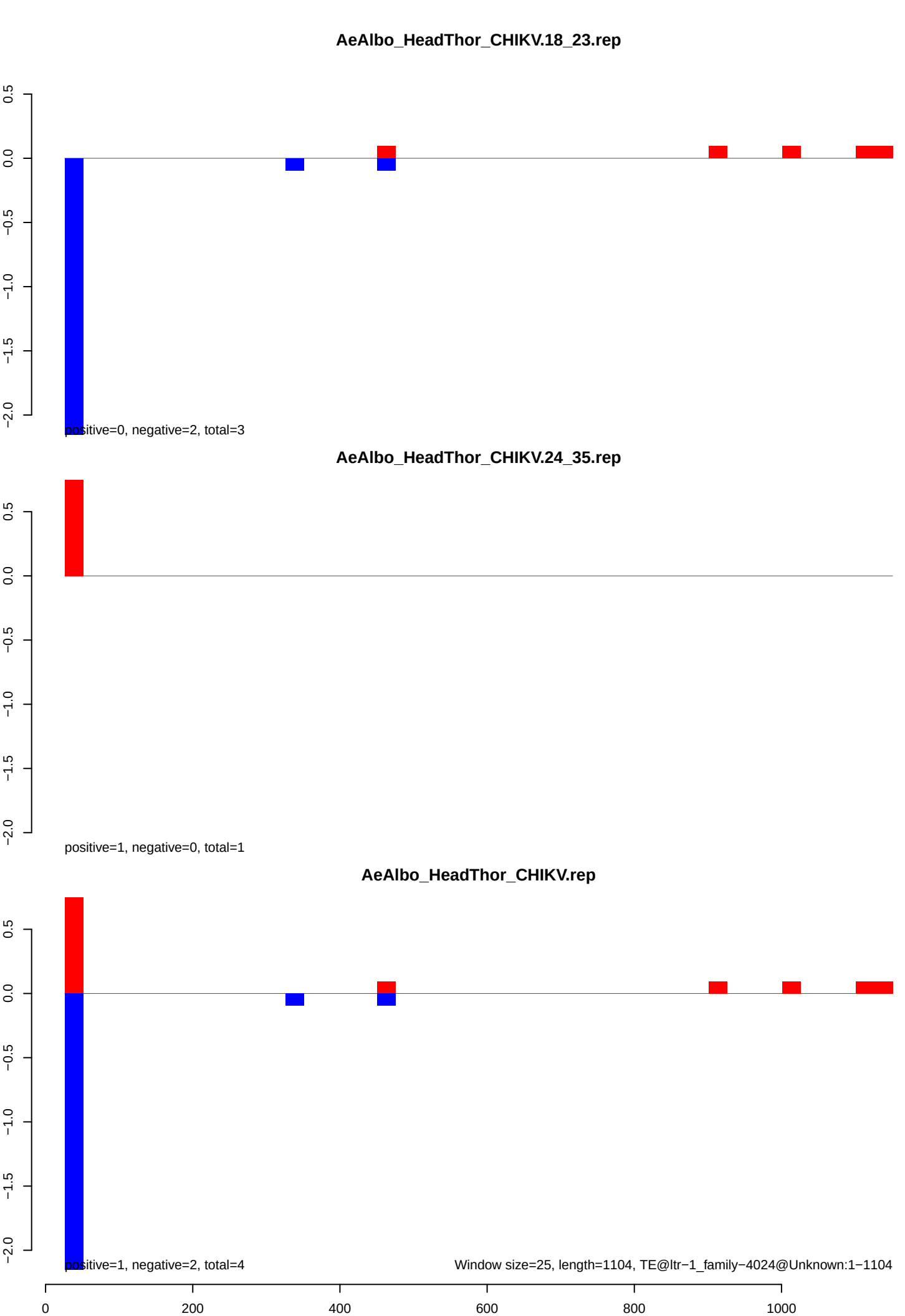

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=5, negative=0, total=5
Window size=25, length=1606, TE@ltr−1_family−4166@Unknown:1−1606
0
500
1000
1500

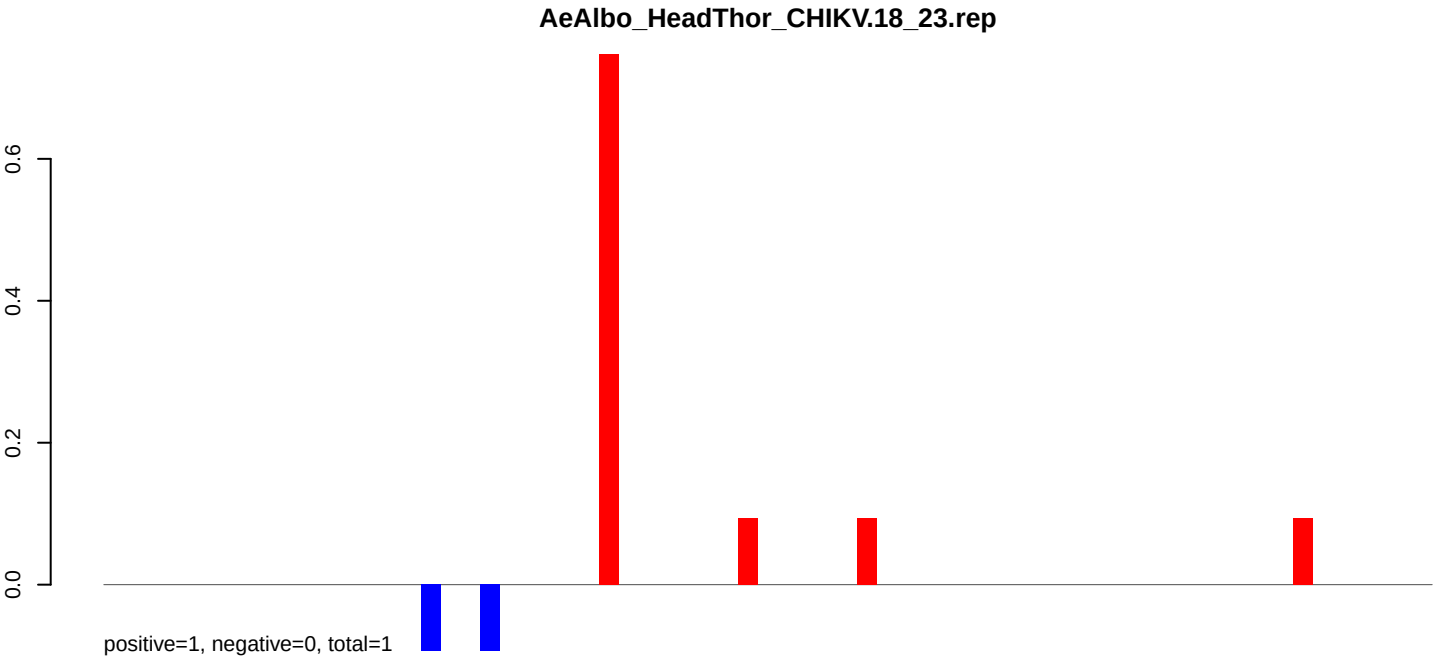

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=2
Window size=25, length=2005, TE@ltr−1_family−4073@LINE_CR1:1−2005
0.8
0.6
0.4
0.2
0.0
−0.2
0
500
1000
1500
2000

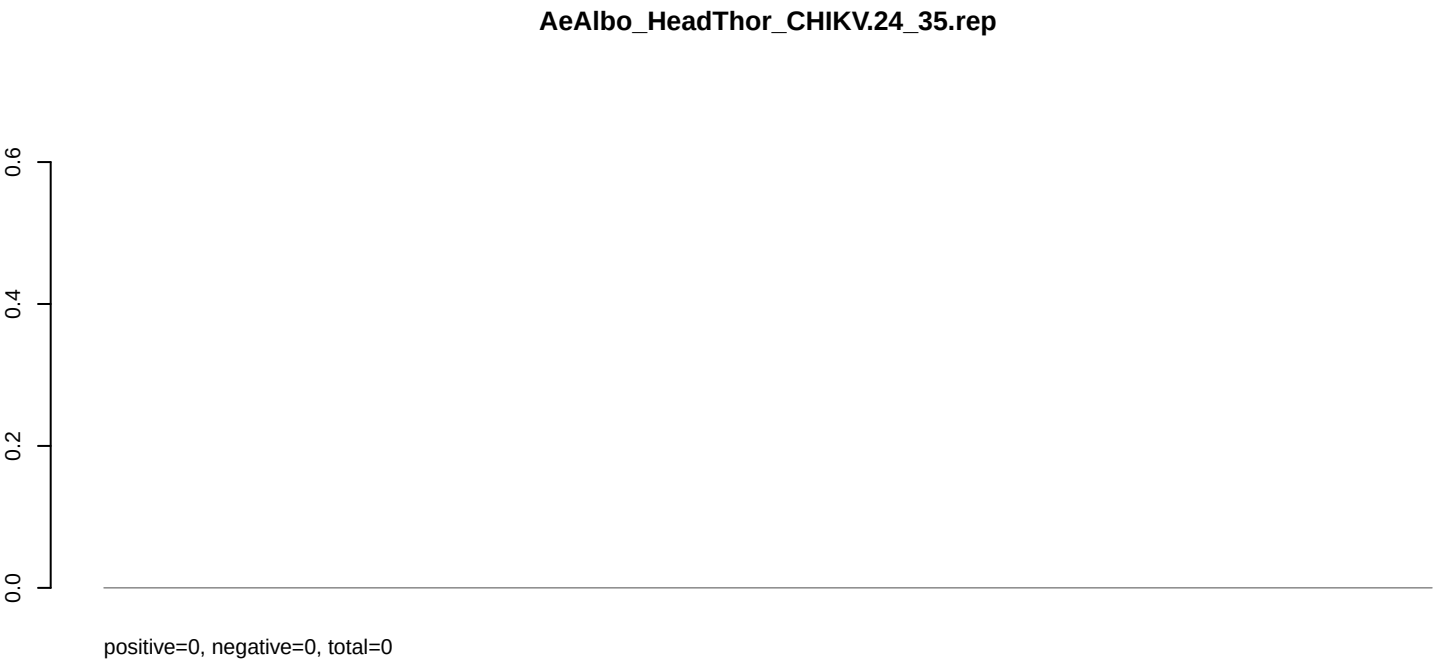

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

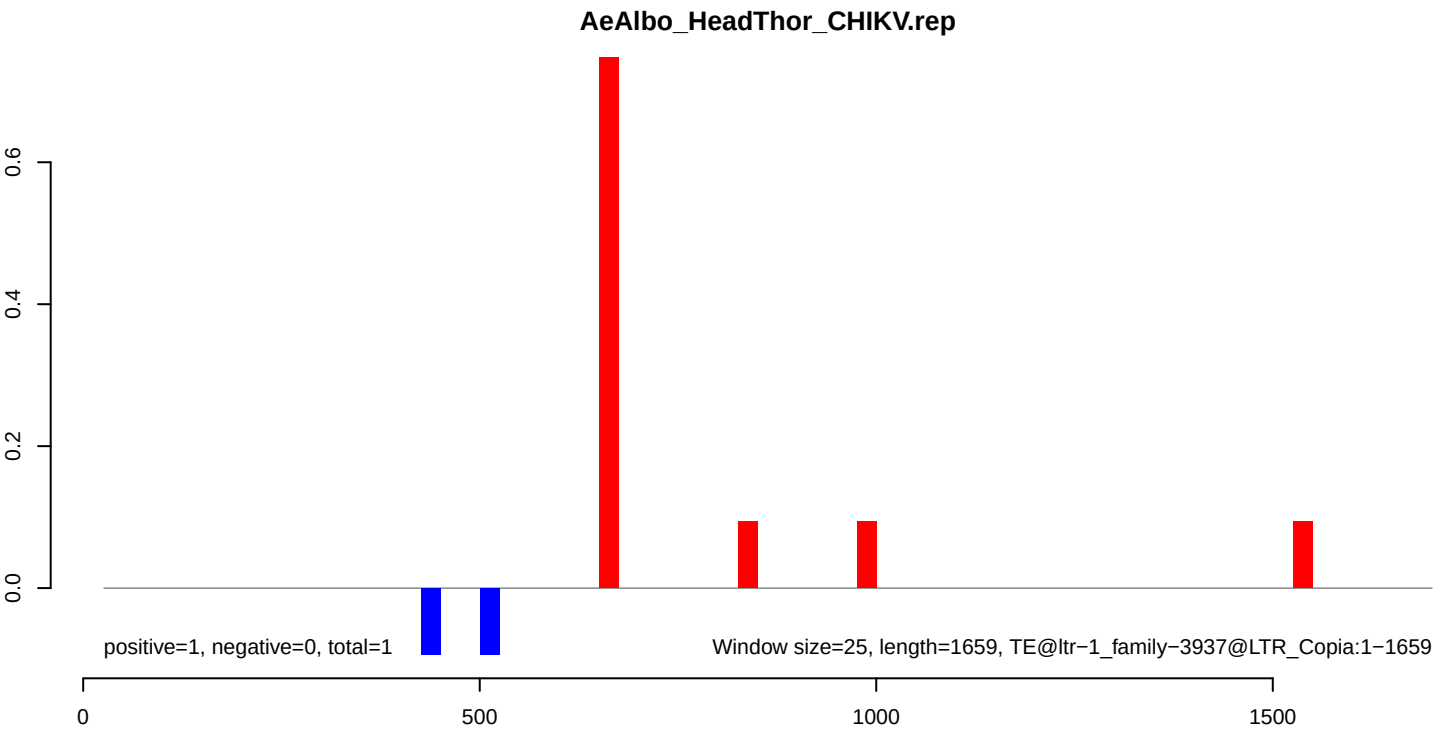

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

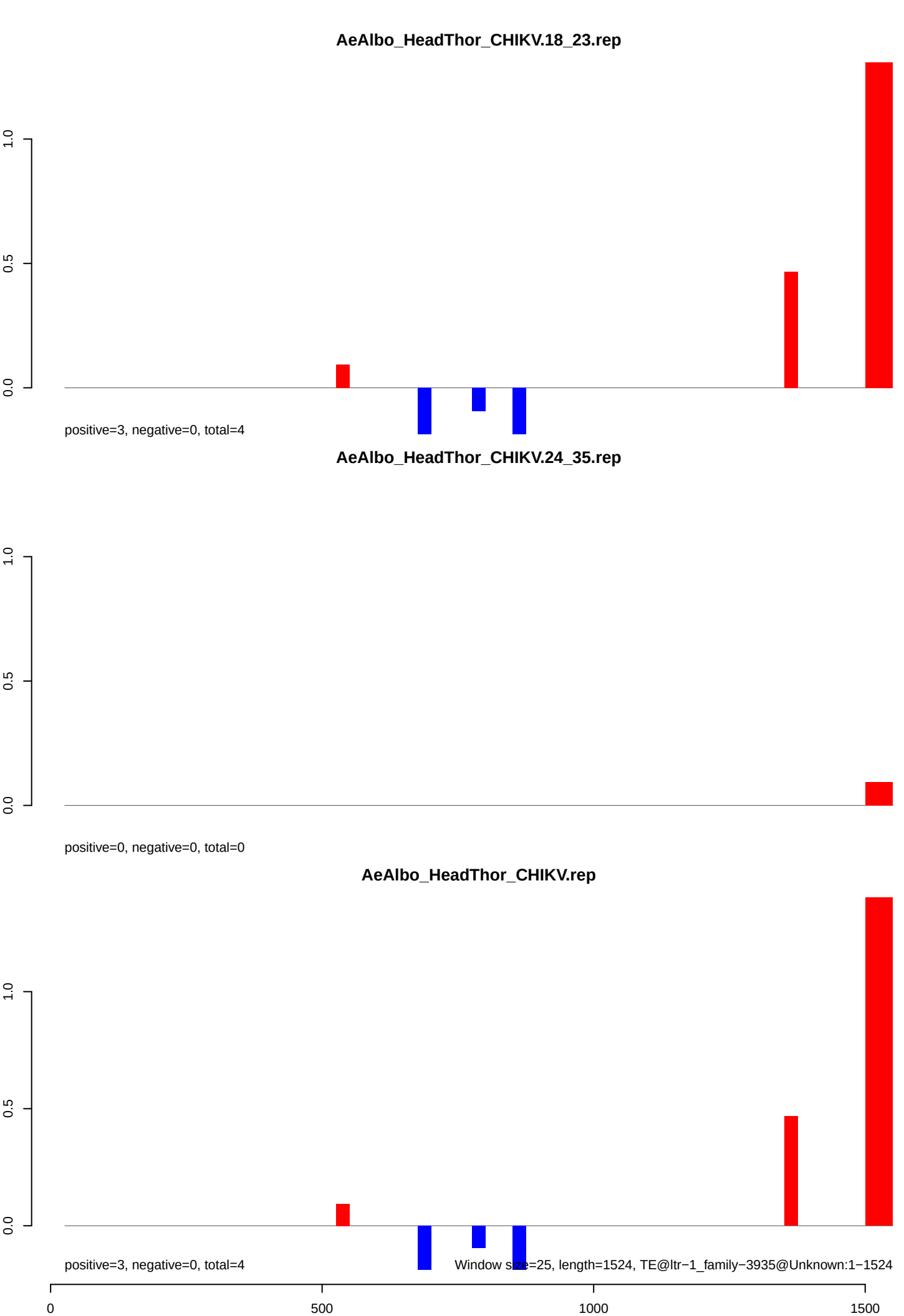

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=622, TE@ltr−1_family−404@LTR_Pao:1−622
100
200
300
400
500
600

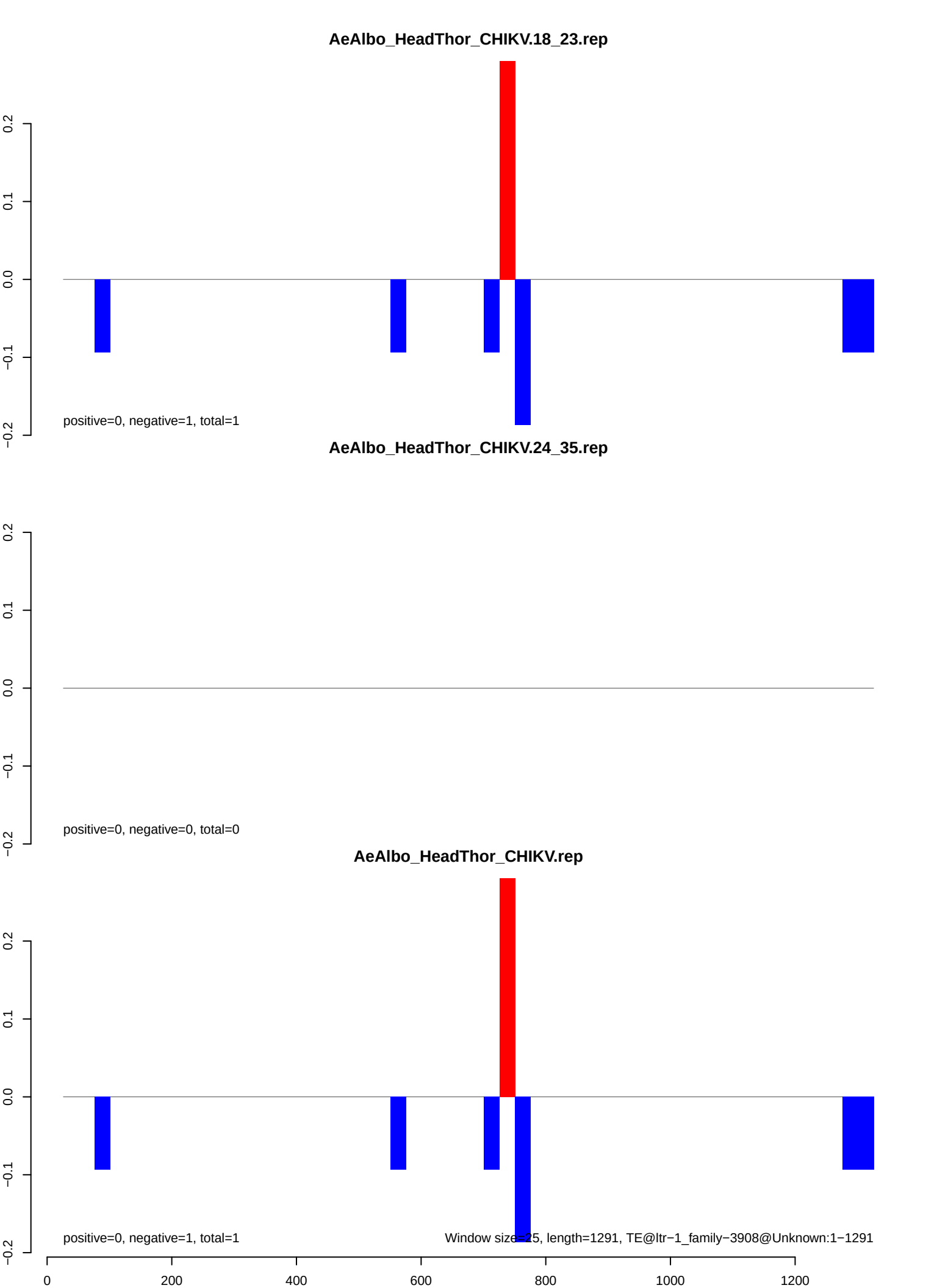

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=2, total=4
Window size=25, length=1104, TE@ltr−1_family−4024@Unknown:1−1104
0
200
400
600
800
1000

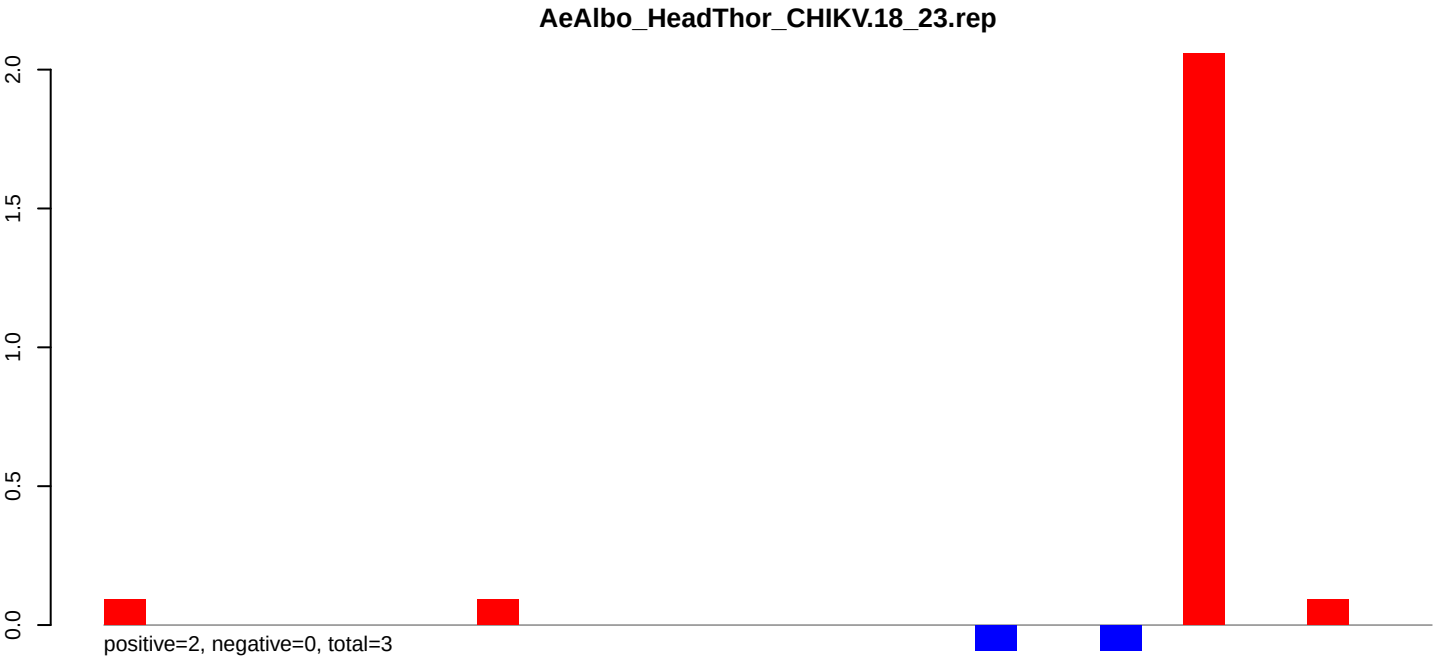

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1

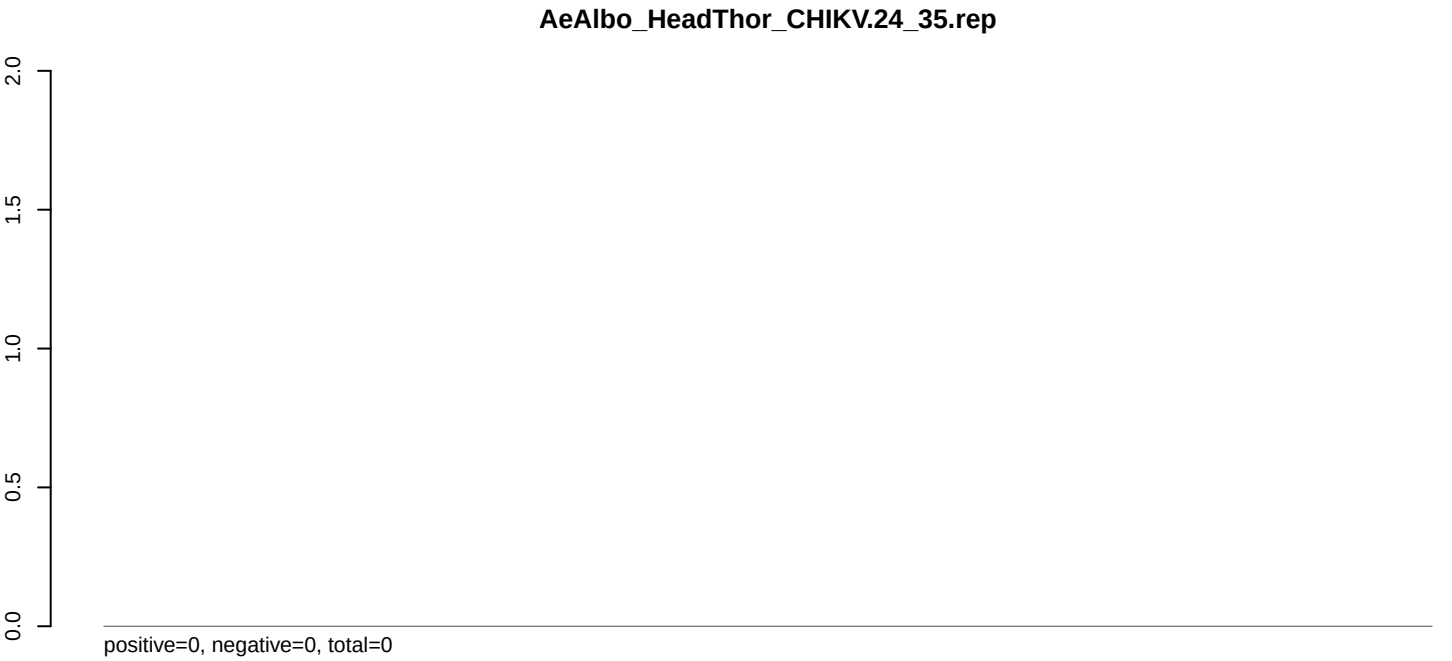

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0

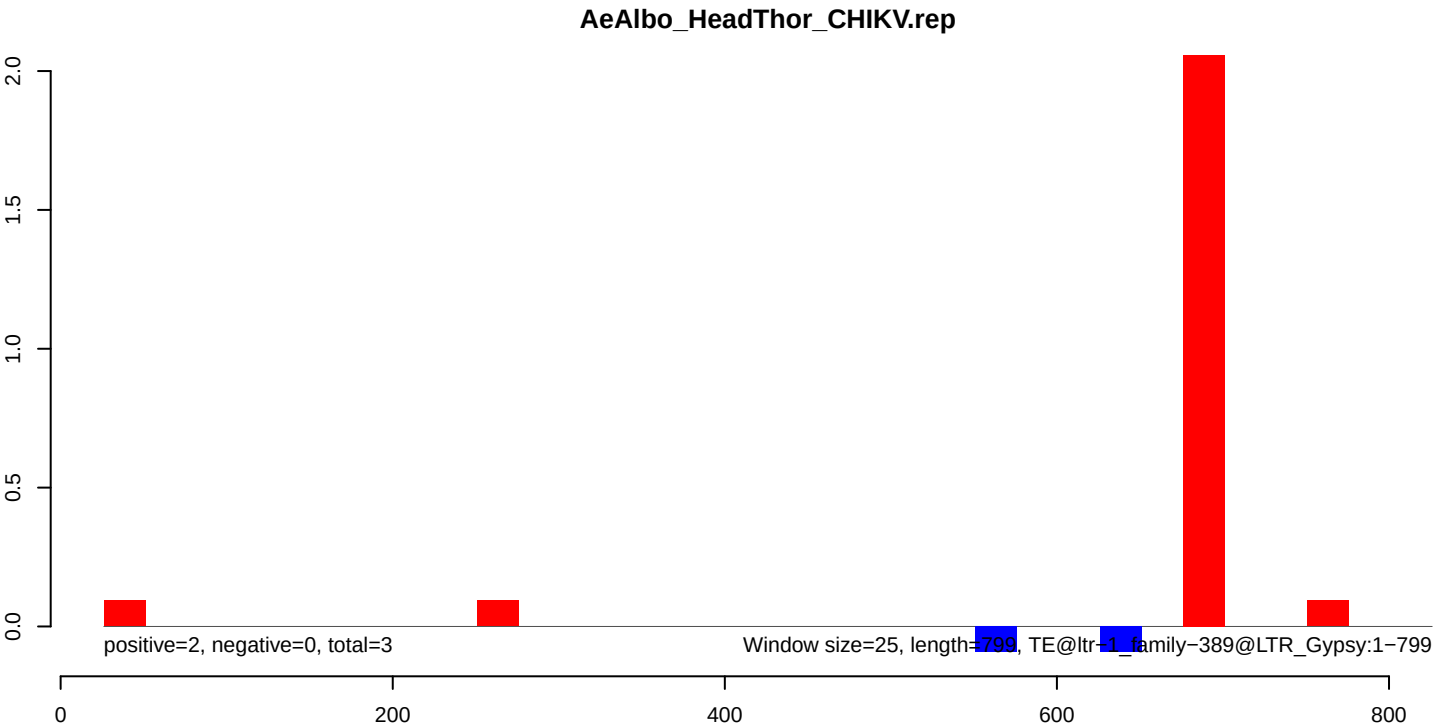

AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=1659, TE@ltr−1_family−3937@LTR_Copia:1−1659
0
500
1000
1500

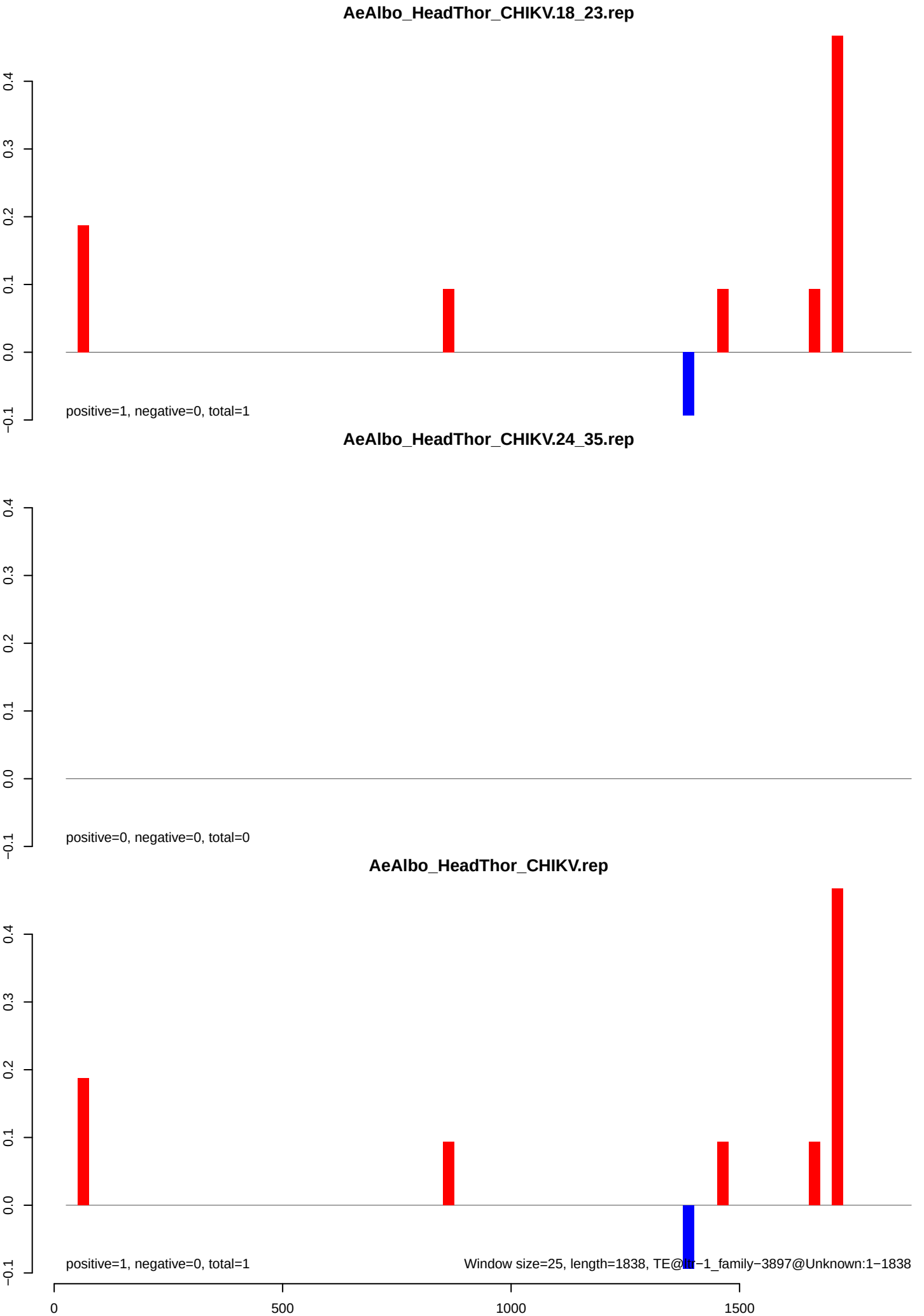

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=3, negative=0, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=3, negative=0, total=4
Window size=25, length=1524, TE@ltr−1_family−3935@Unknown:1−1524
0
500
1000
1500

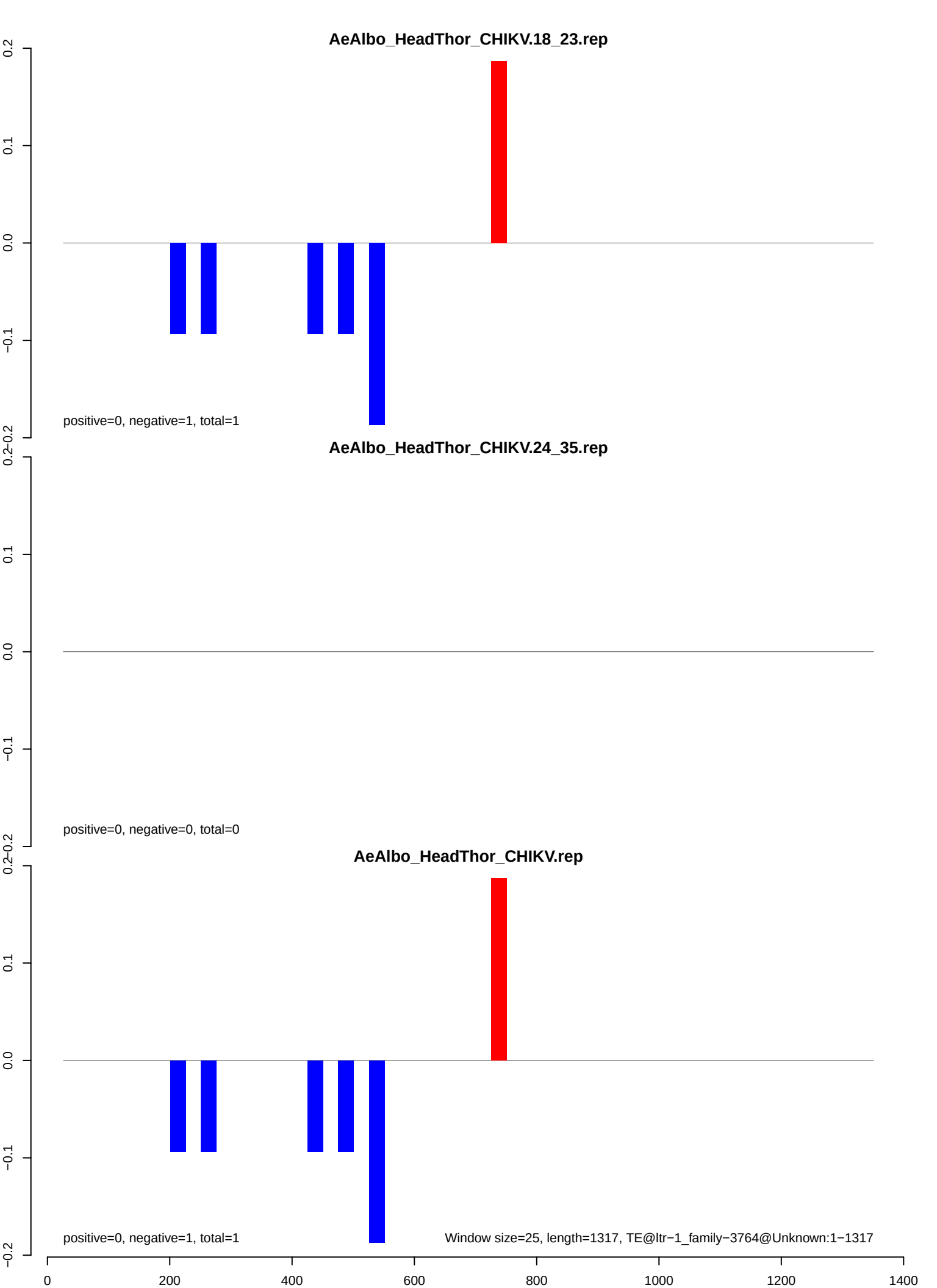

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=1291, TE@ltr−1_family−3908@Unknown:1−1291
0
200
400
600
800
1000
1200

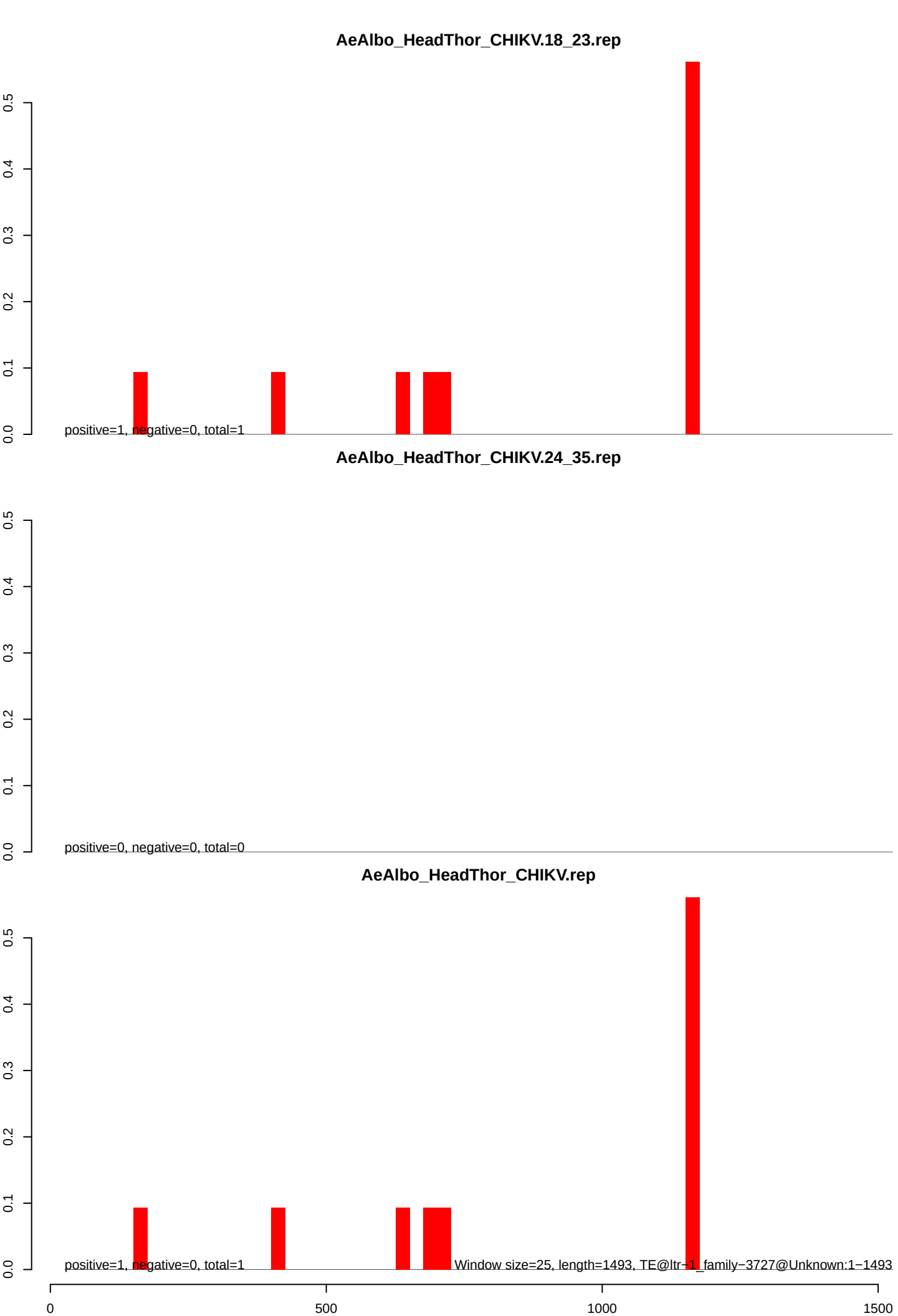

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=2, negative=0, total=3

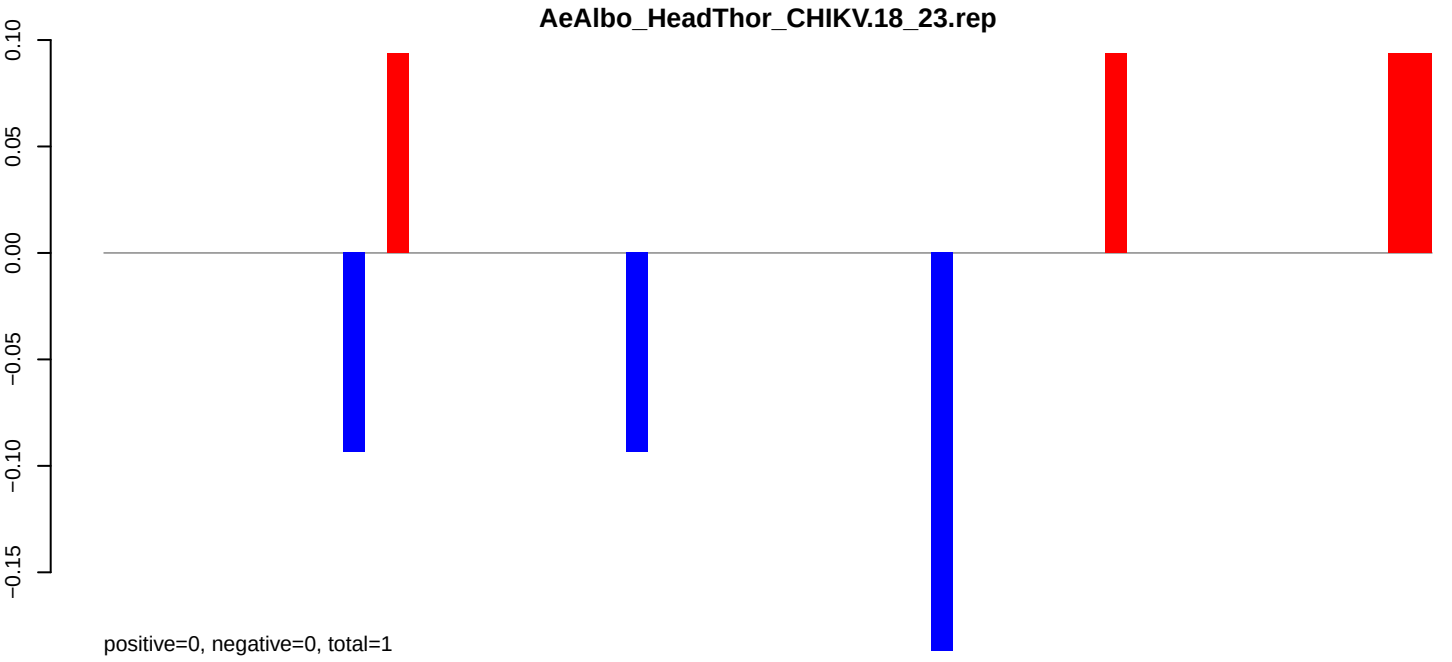

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

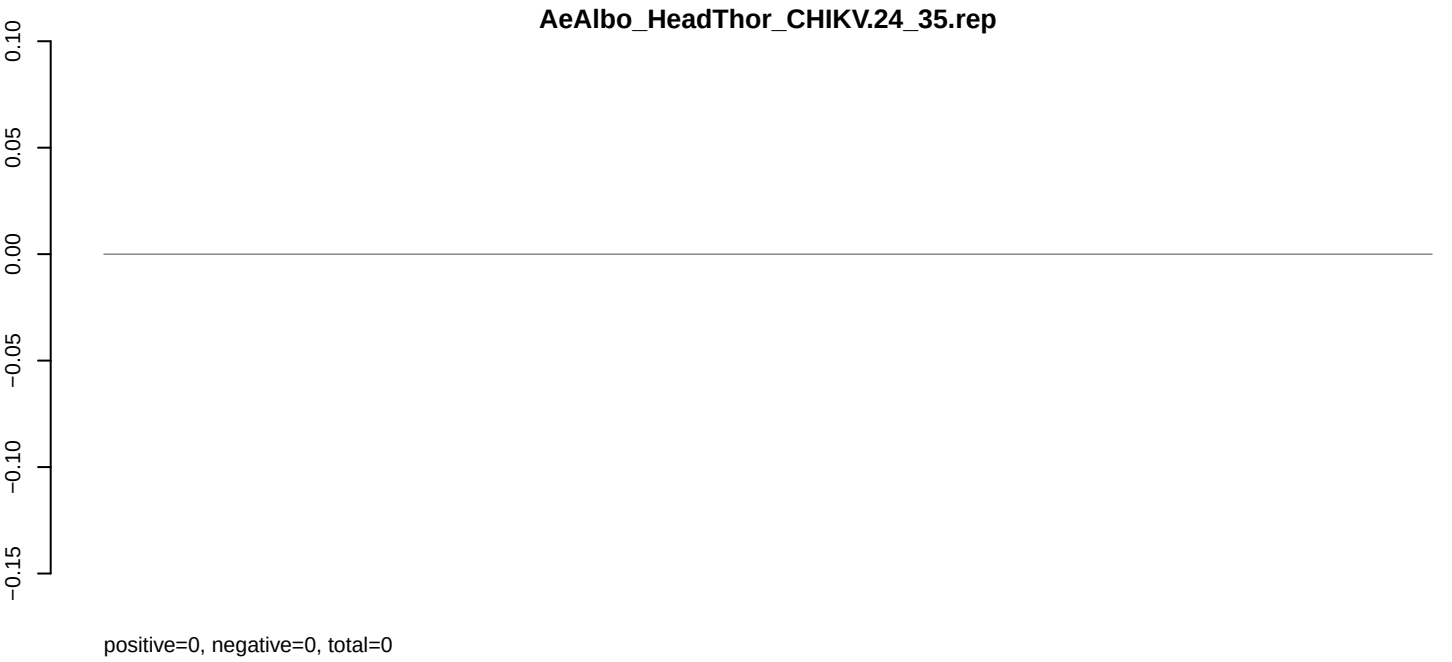

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=2, negative=0, total=3
Window size=25, length=799, TE@ltr=1_family=389@LTR_Gypsy:1=799
0
200
400
600
800

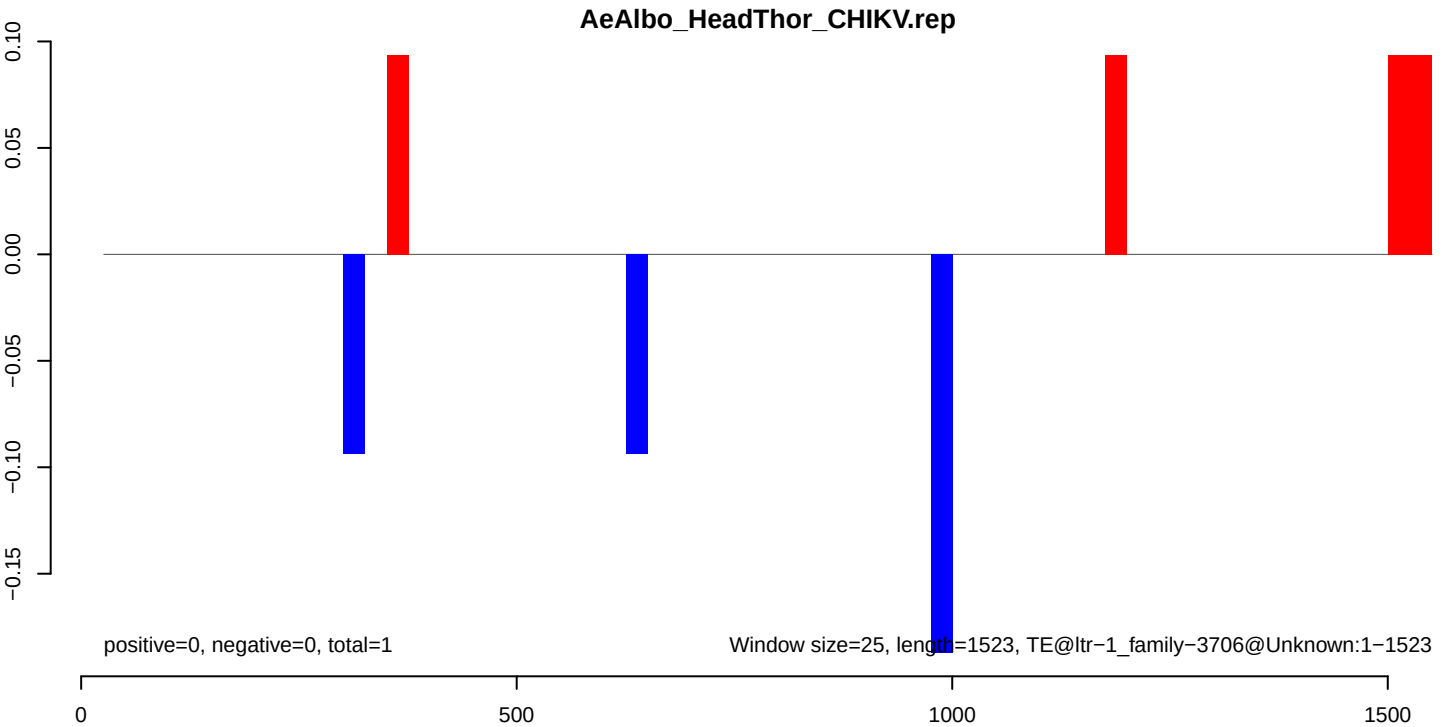

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1838, TE@ltr−1_family−3897@Unknown:1−1838
0
500
1000
1500

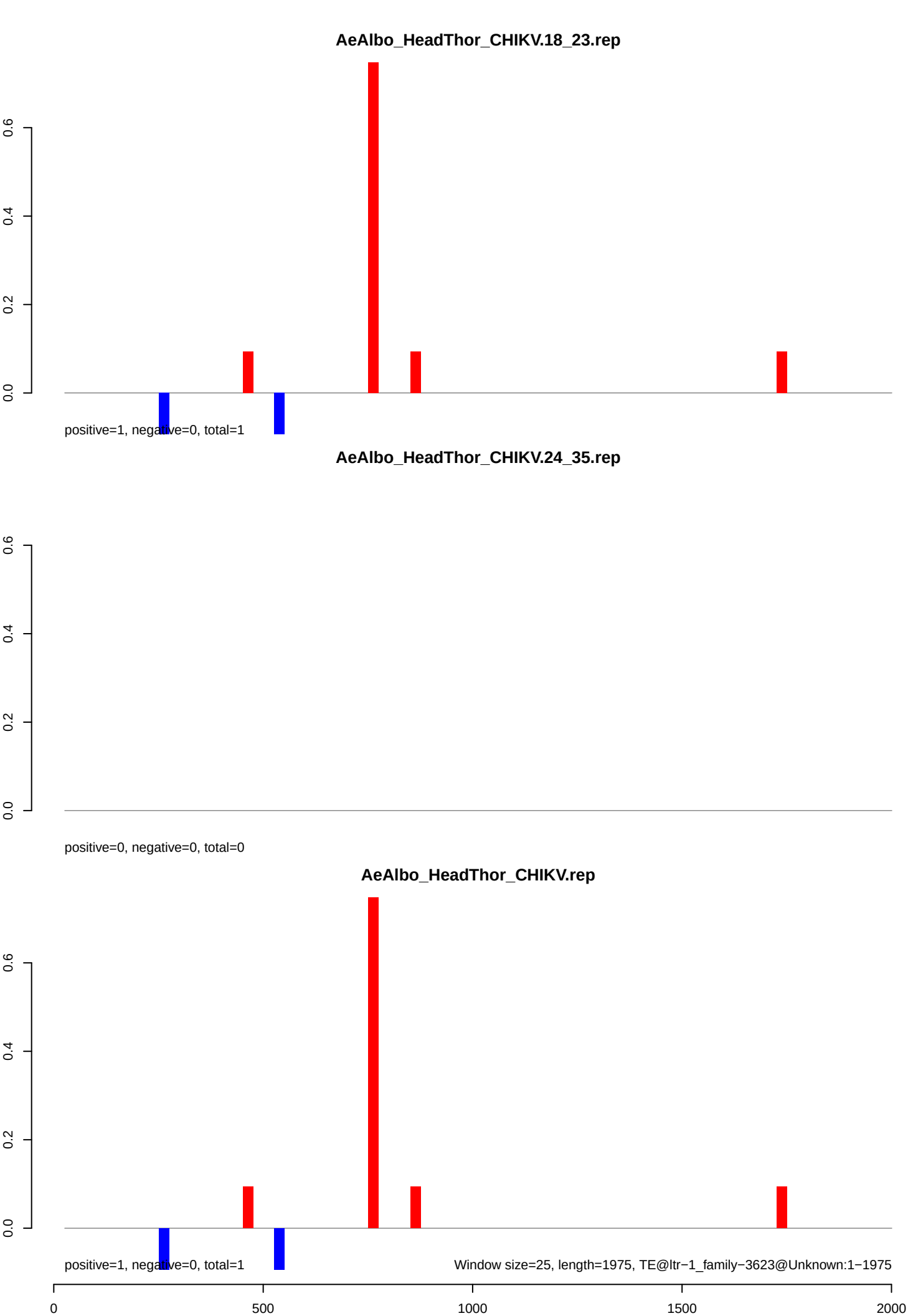

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=1317, TE@ltr−1_family−3764@Unknown:1−1317
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000
1200
1400

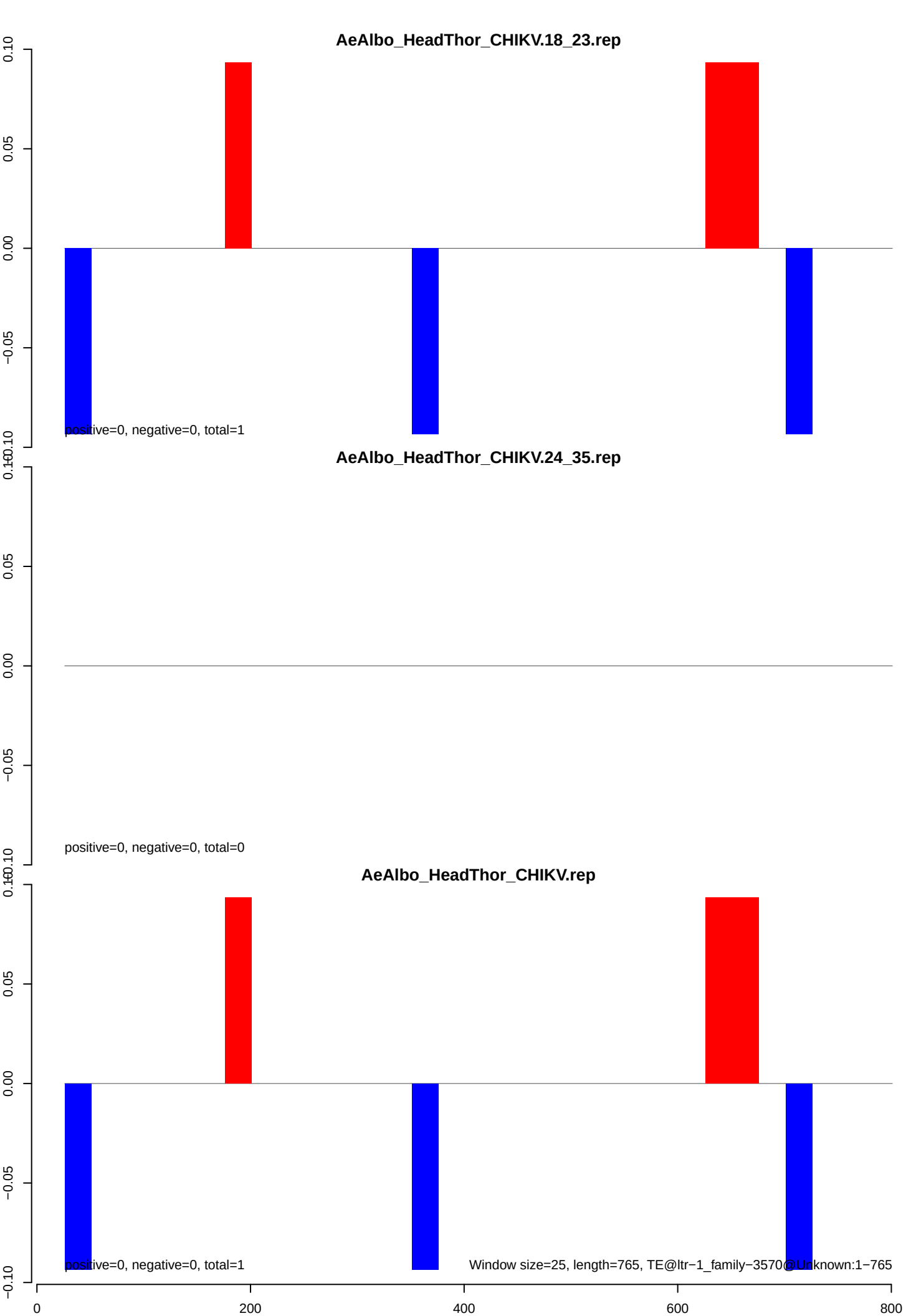

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=1, negative=0, total=1
Window size=25, length=1493, TE@ltr−1_family−3727@Unknown:1−1493
0
500
1000
1500

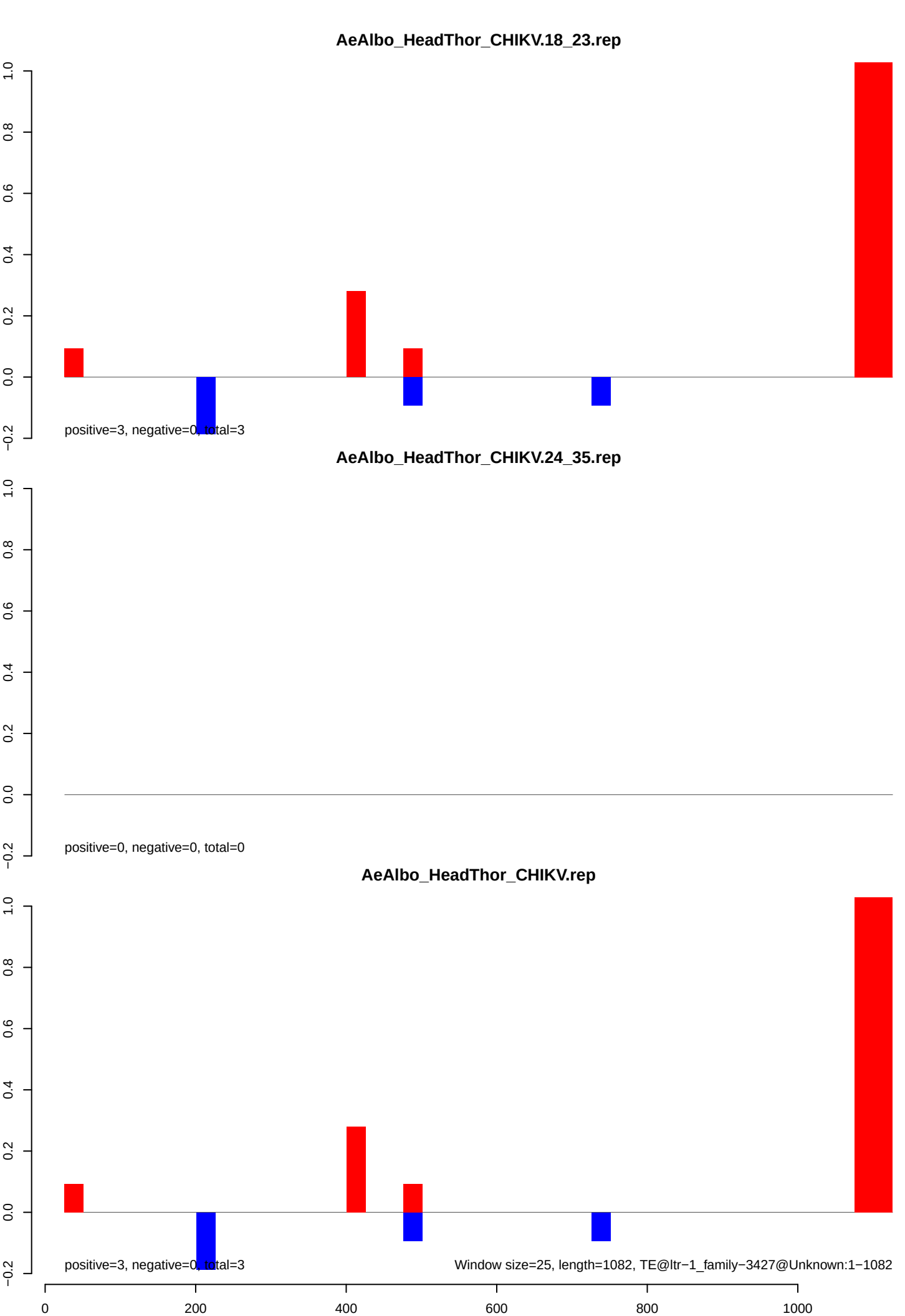

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

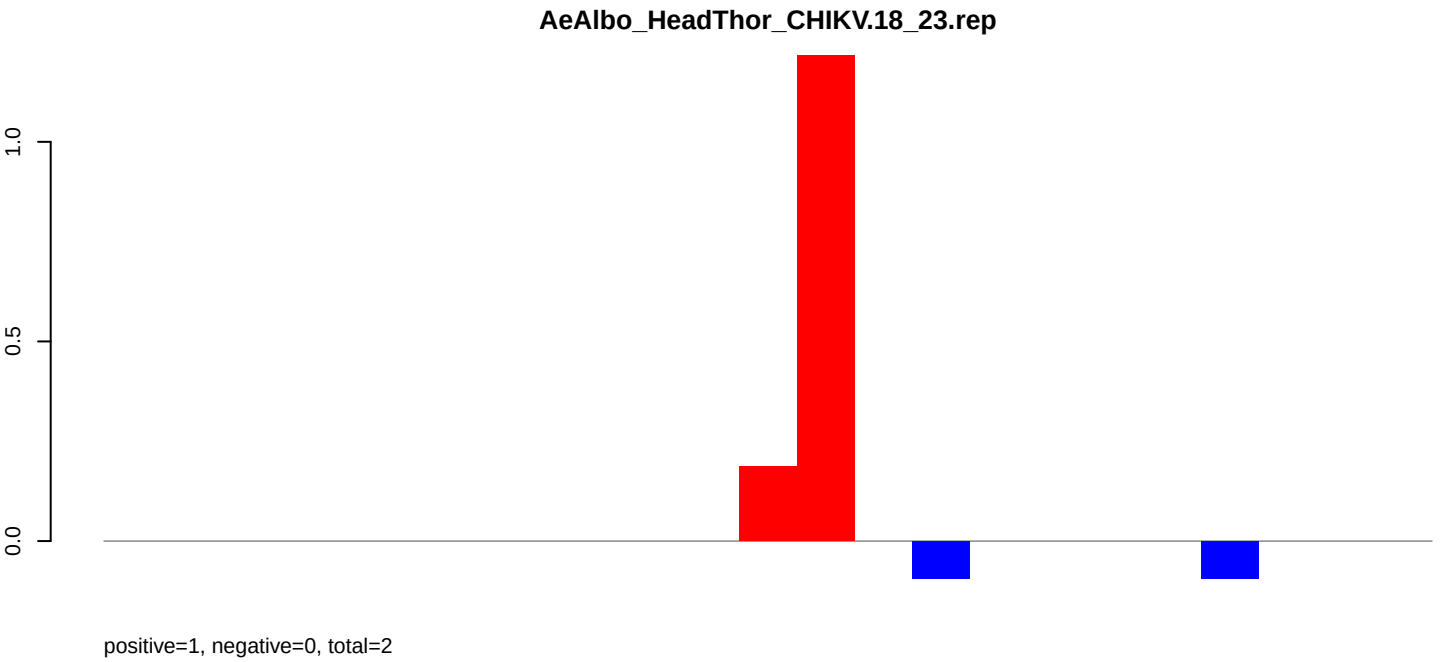

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

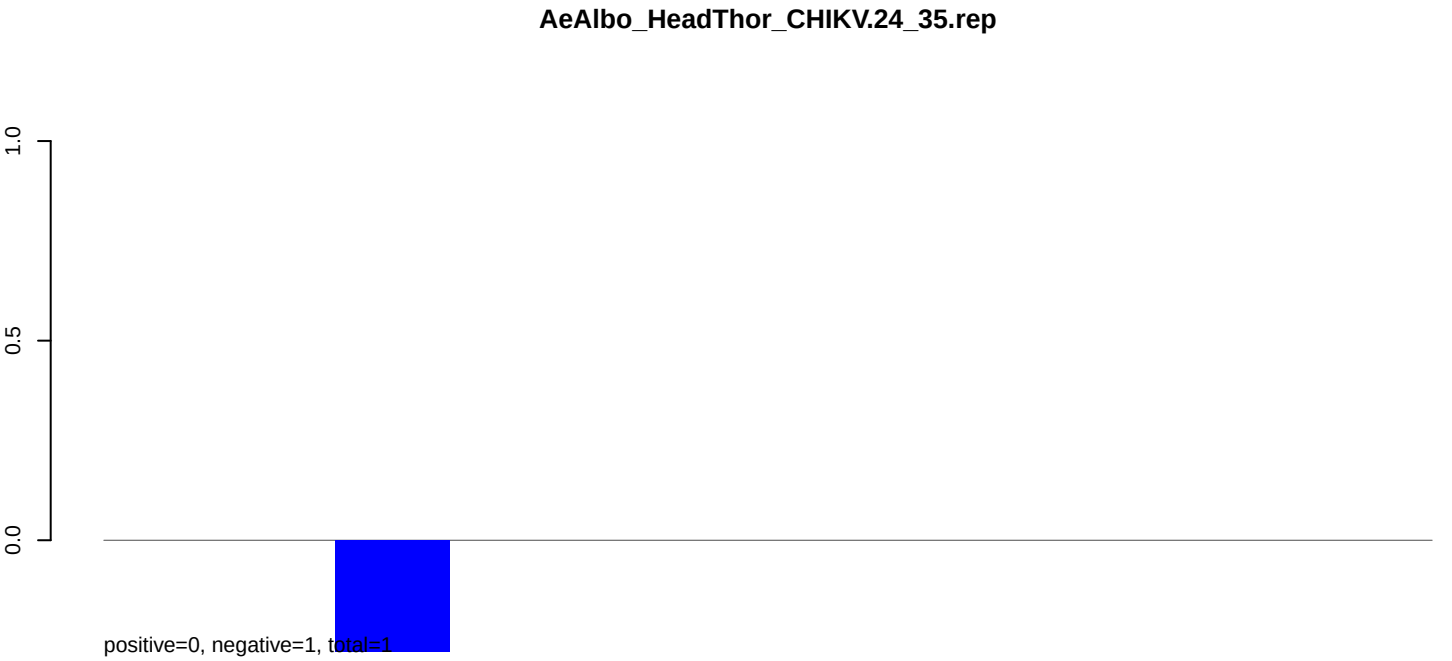

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1523, TE@ltr−1_family−3706@Unknown:1−1523
0
500
1000
1500

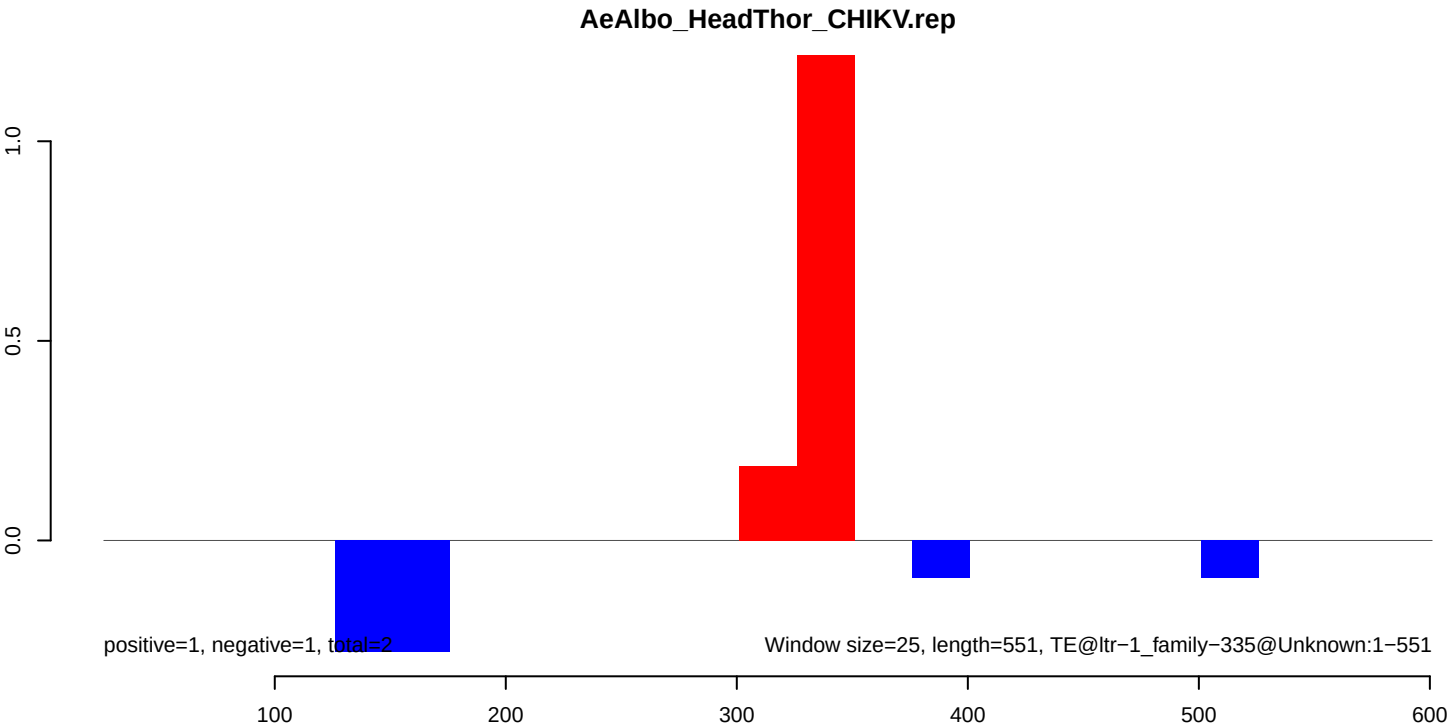

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=1975, TE@ltr−1_family−3623@Unknown:1−1975
0
500
1000
1500
2000

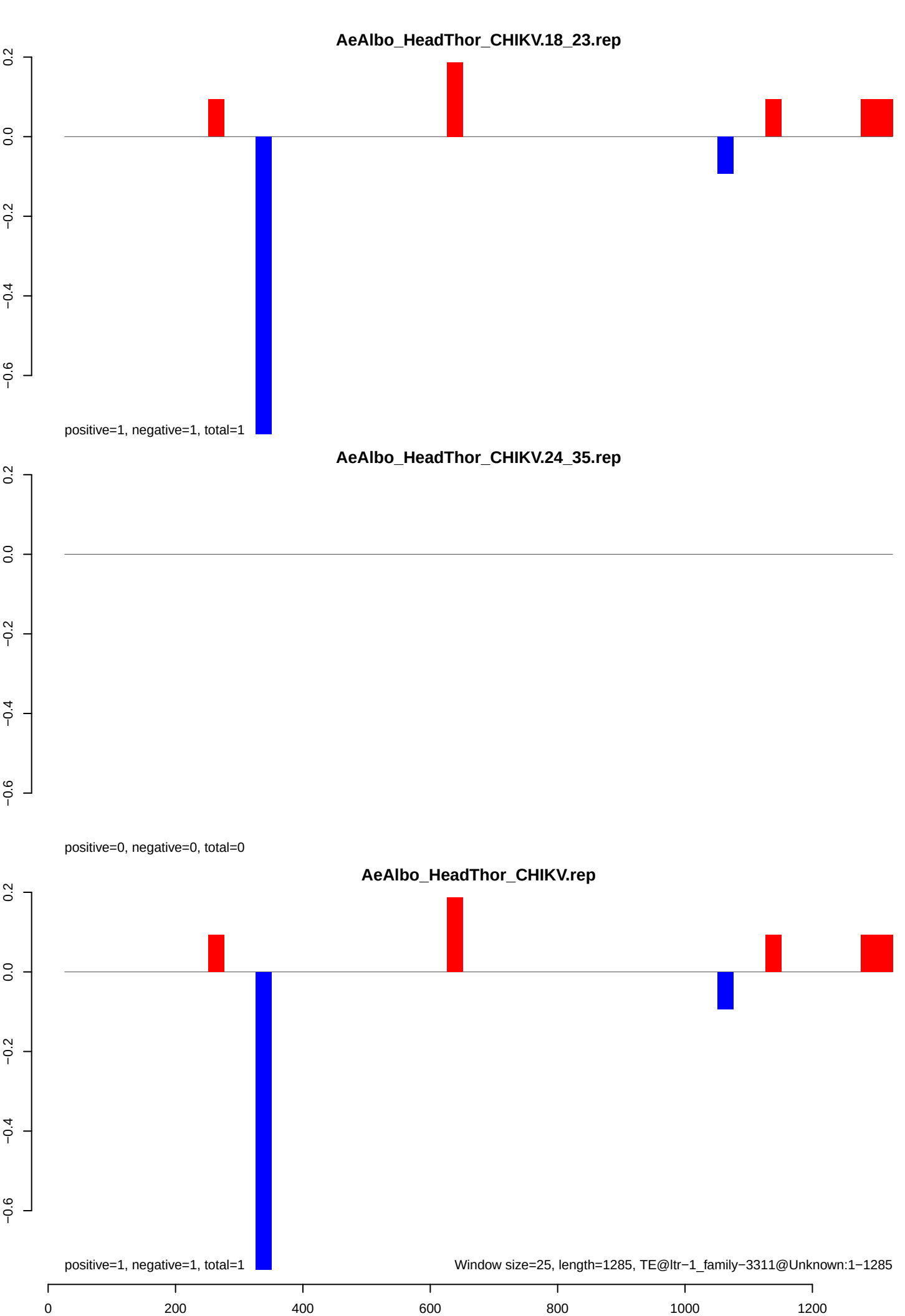

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=765, TE@ltr−1_family−3570@Unknown:1−765
0
200
400
600
800

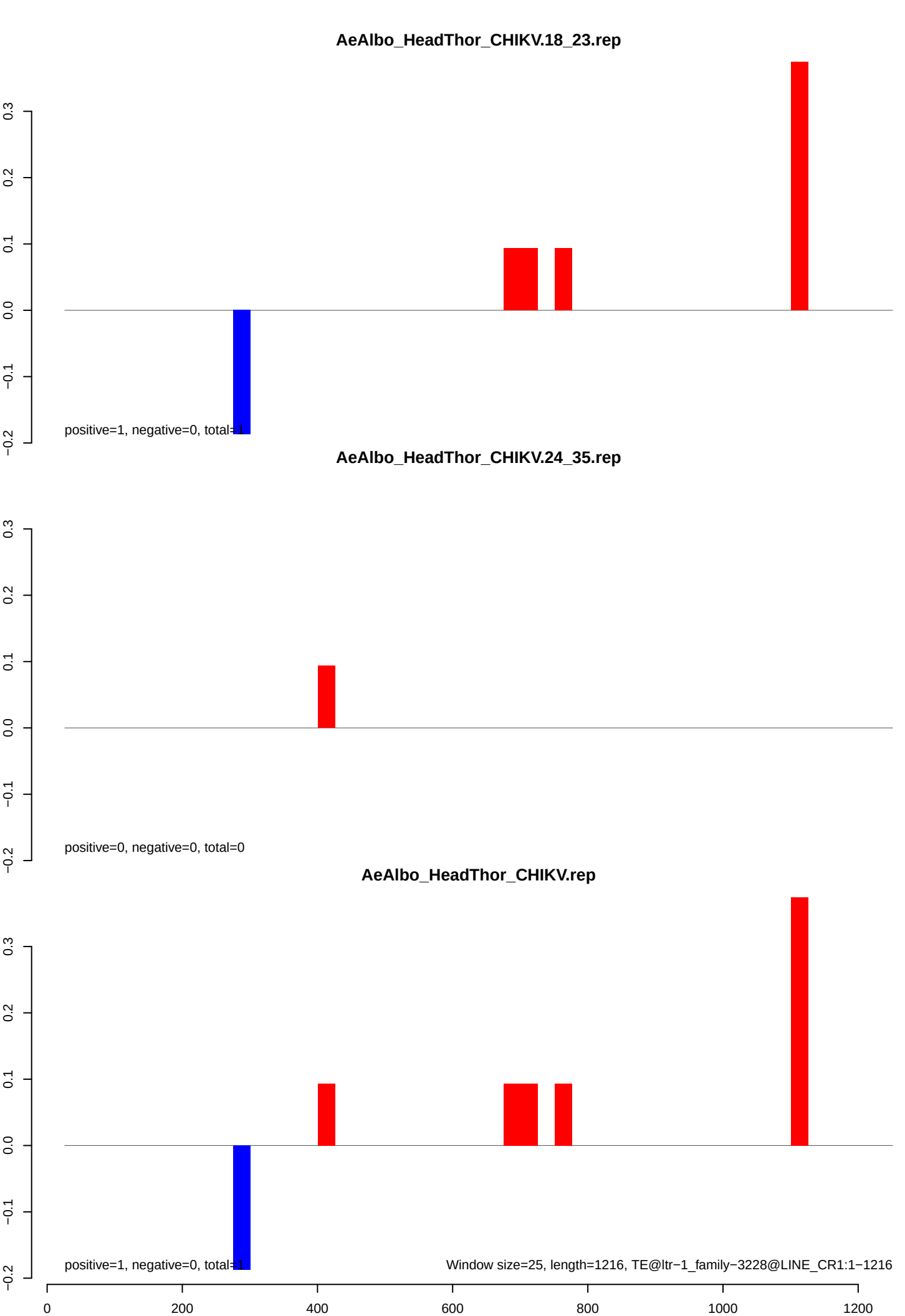

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
positive=3, negative=0, total=3
Window size=25, length=1082, TE@ltr−1_family−3427@Unknown:1−1082
0
200
400
600
800
1000

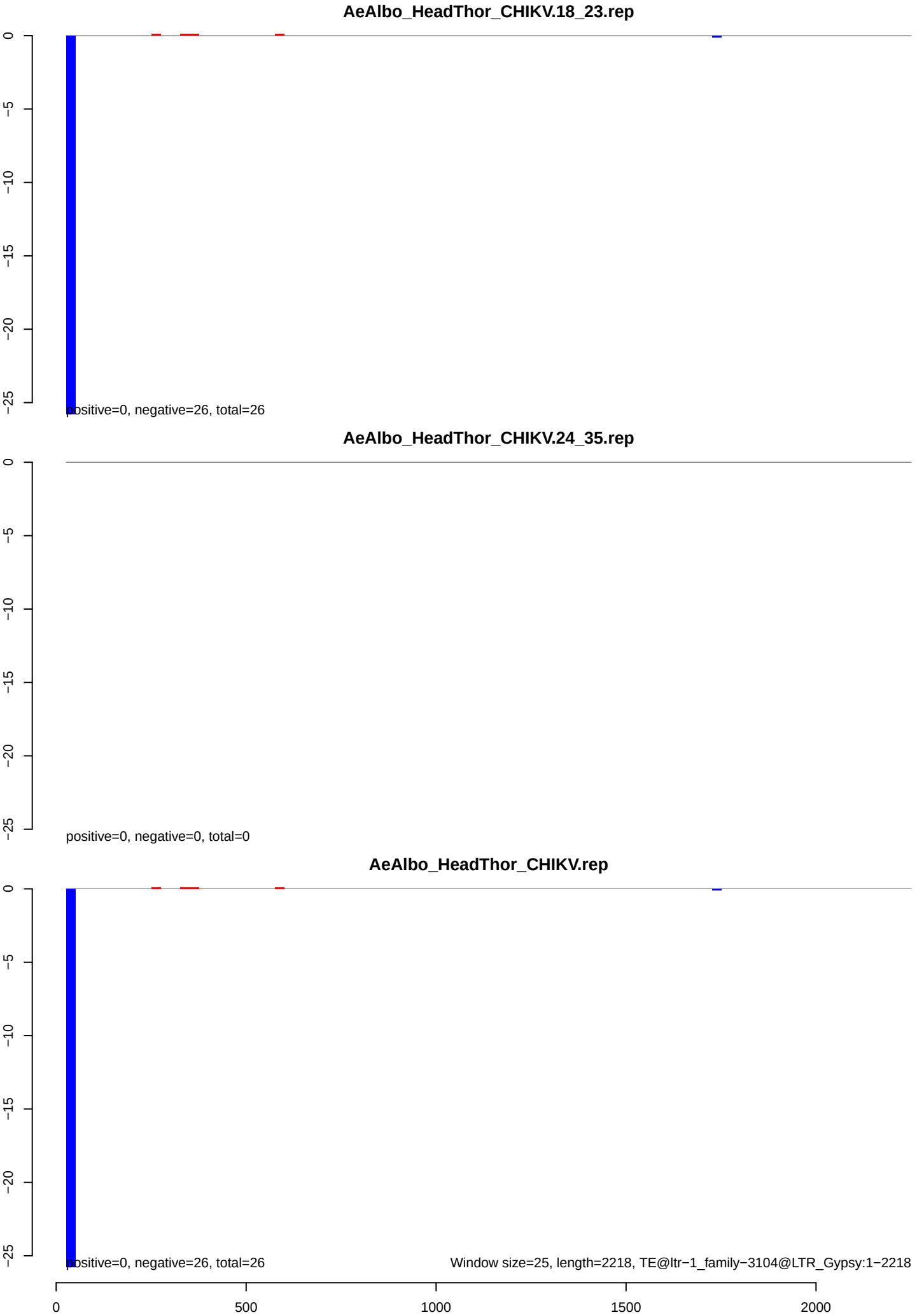

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=1, negative=0, total=2

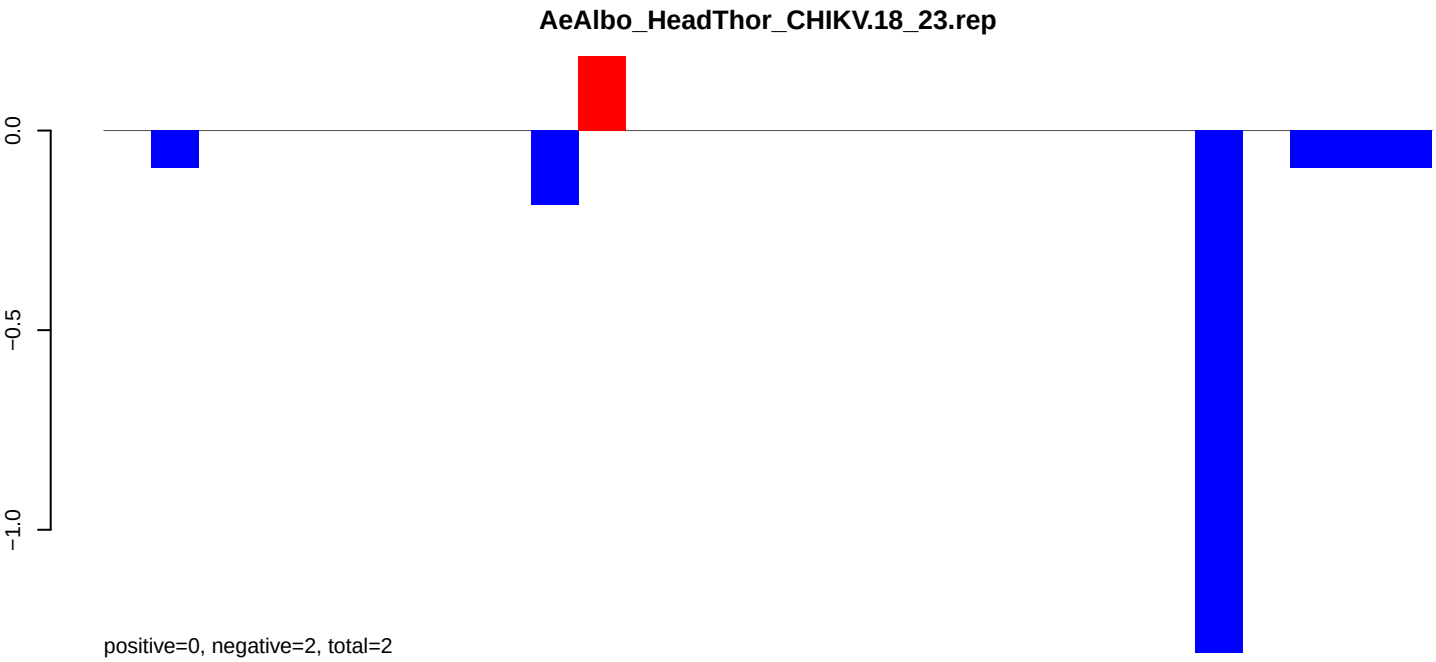

AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=1, total=1


AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=1, negative=1, total=2
Window size=25, length=551, TE@ltr−1_family−335@Unknown:1−551
100
200
300
400
500
600

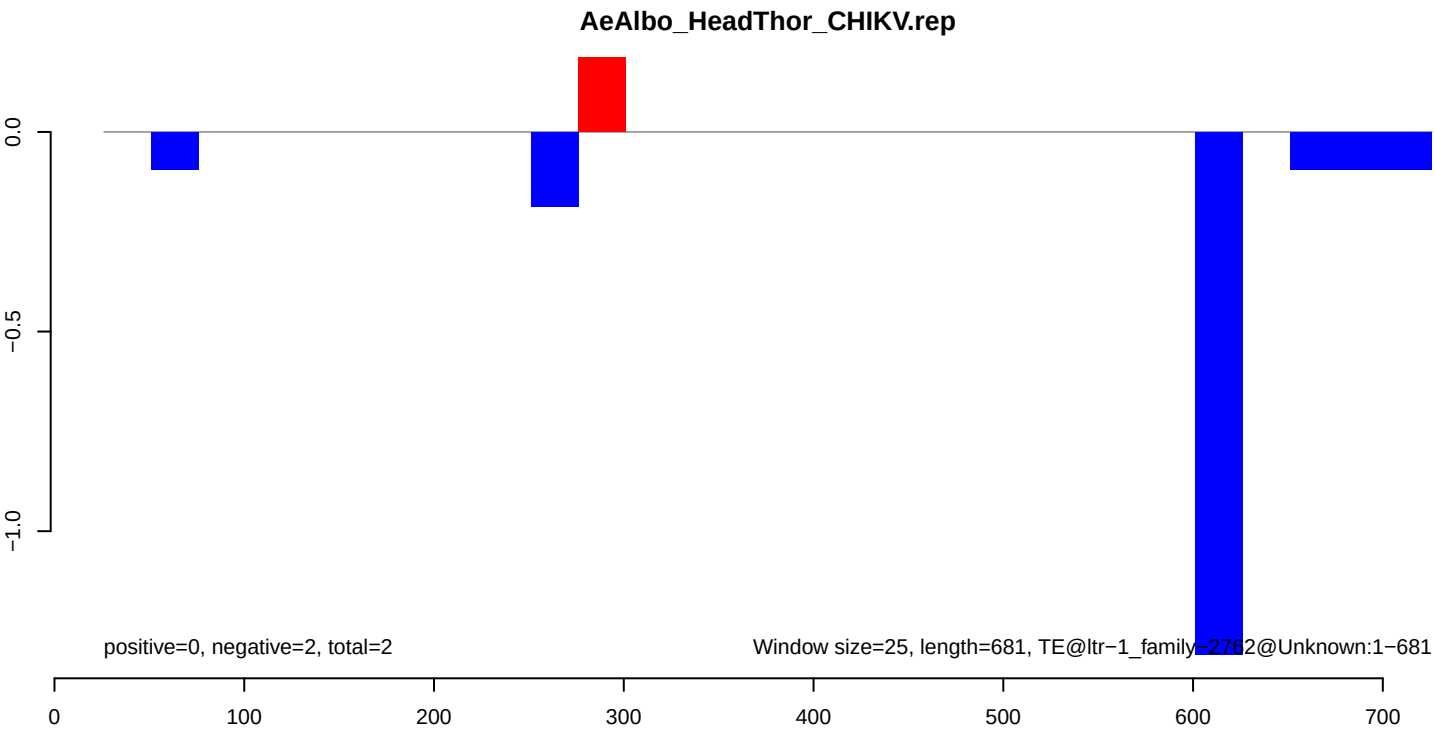

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=1
Window size=25, length=1285, TE@ltr−1_family−3311@Unknown:1−1285
0
200
400
600
800
1000
1200

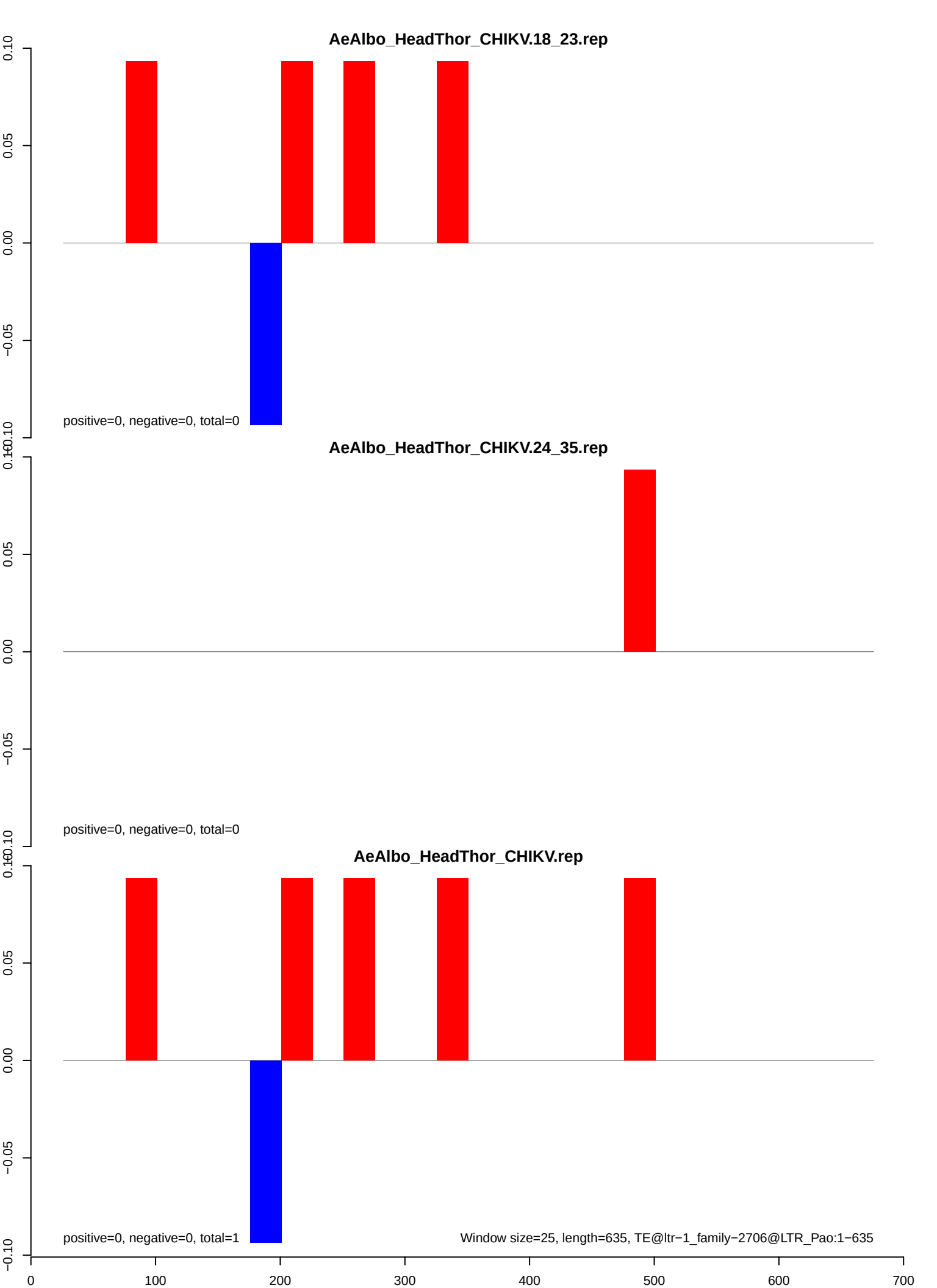

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1216, TE@ltr−1_family−3228@LINE_CR1:1−1216
0.3
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000
1200

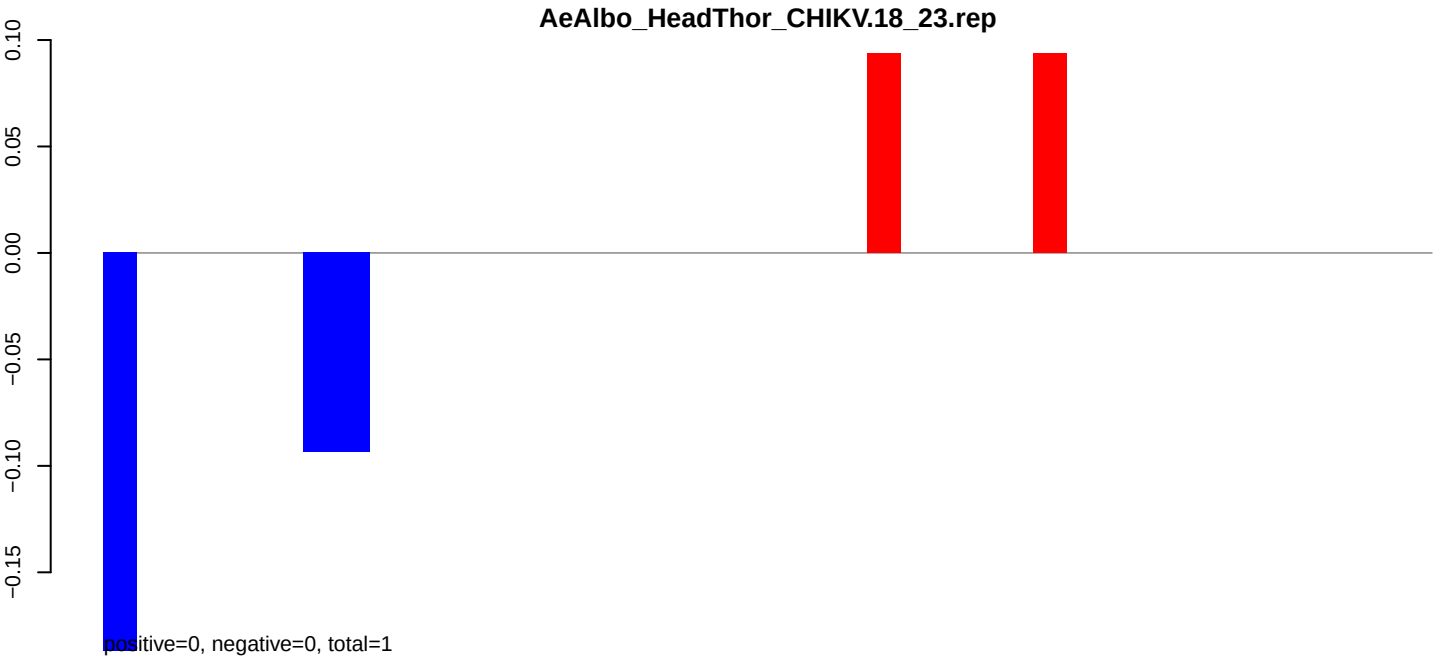

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
positive=0, negative=26, total=26
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
positive=0, negative=26, total=26
Window size=25, length=2218, TE@ltr−1_family−3104@LTR_Gypsy:1−2218
0
500
1000
1500
2000

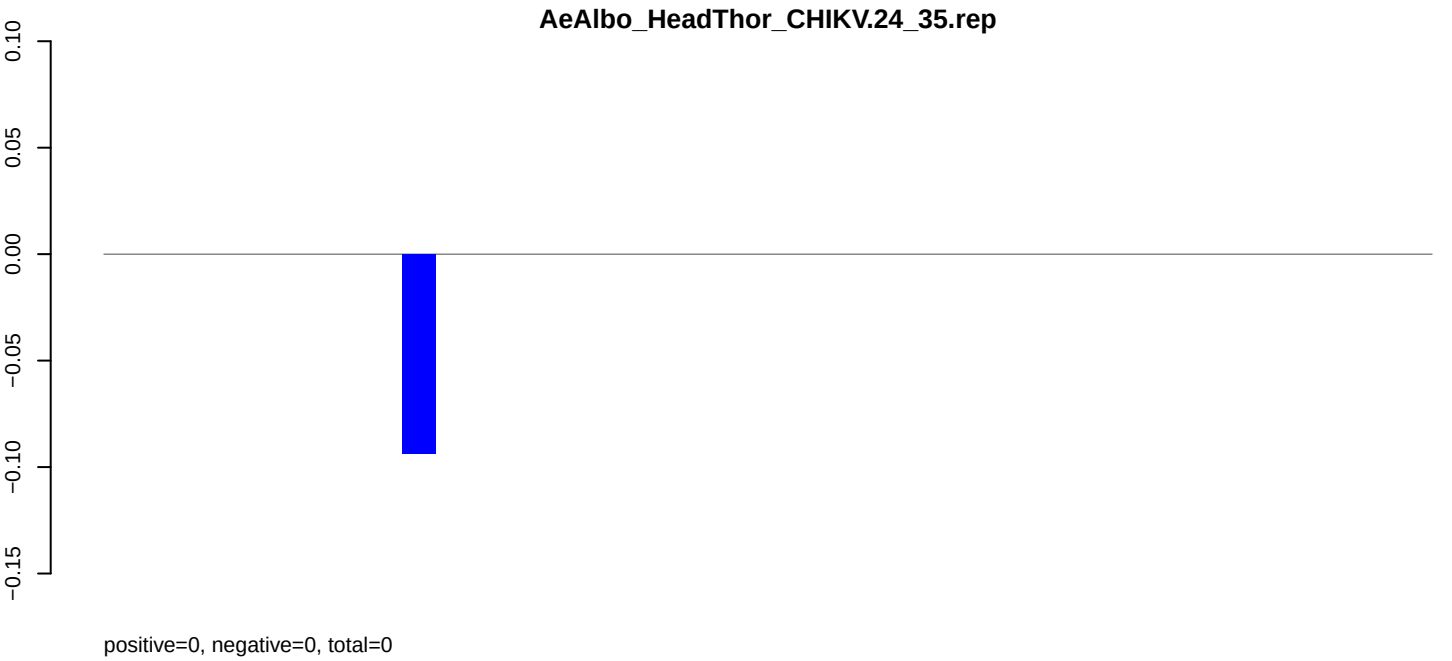

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=0, negative=2, total=2

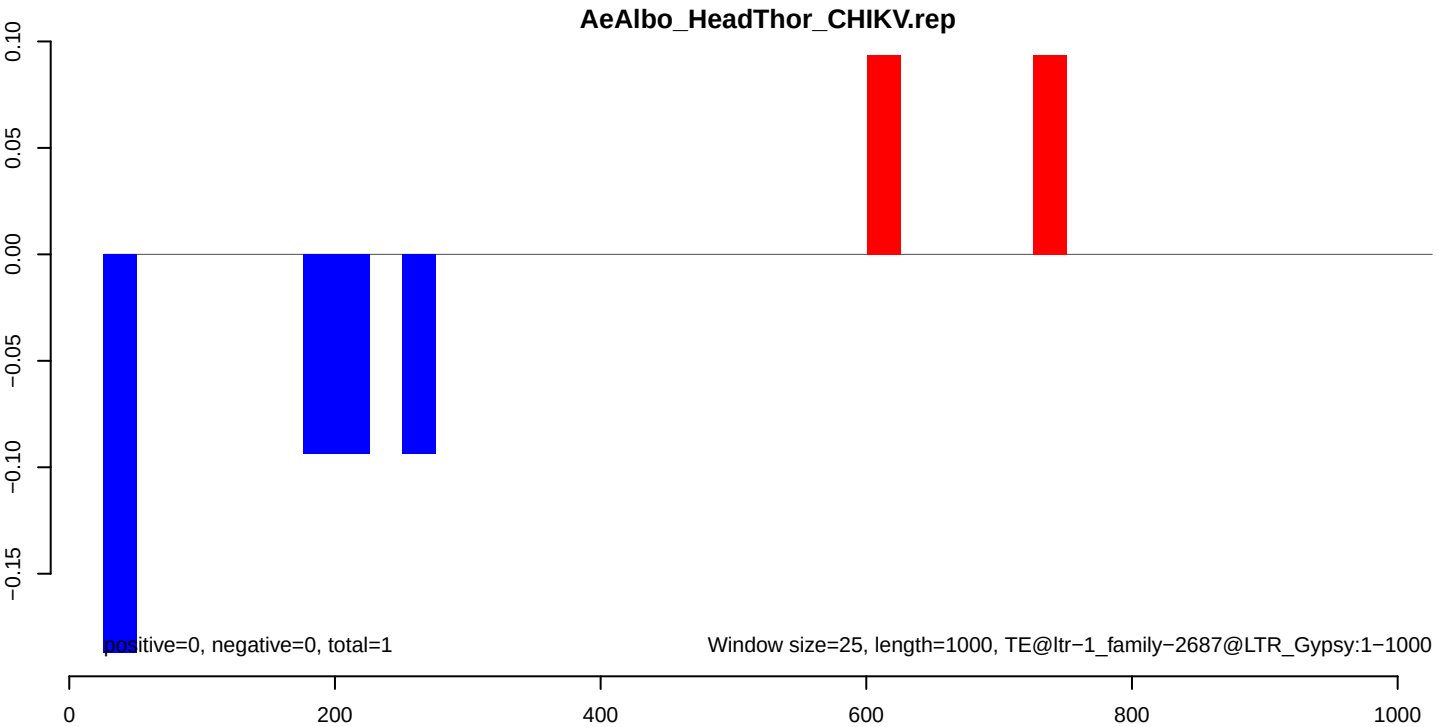
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0

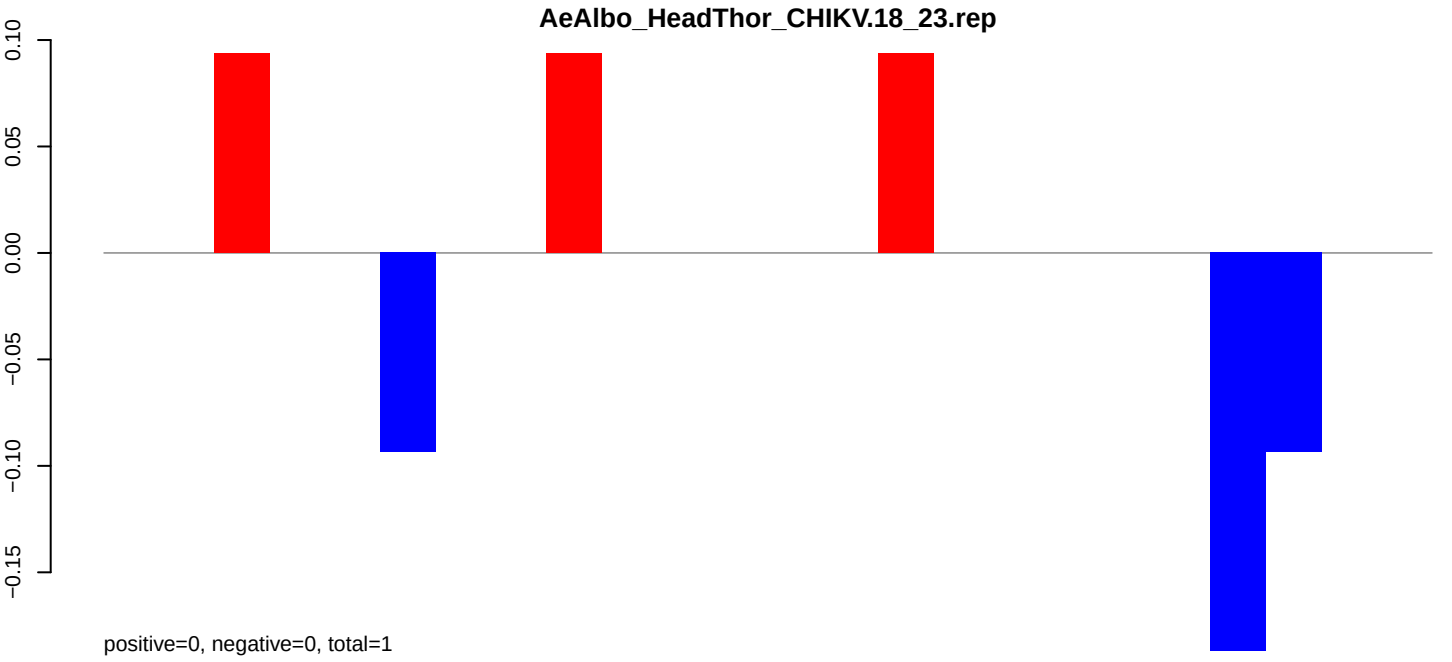

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=0, negative=2, total=2
Window size=25, length=681, TE@ltr−1_family−2762@Unknown:1−681
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=635, TE@ltr−1_family−2706@LTR_Pao:1−635
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700

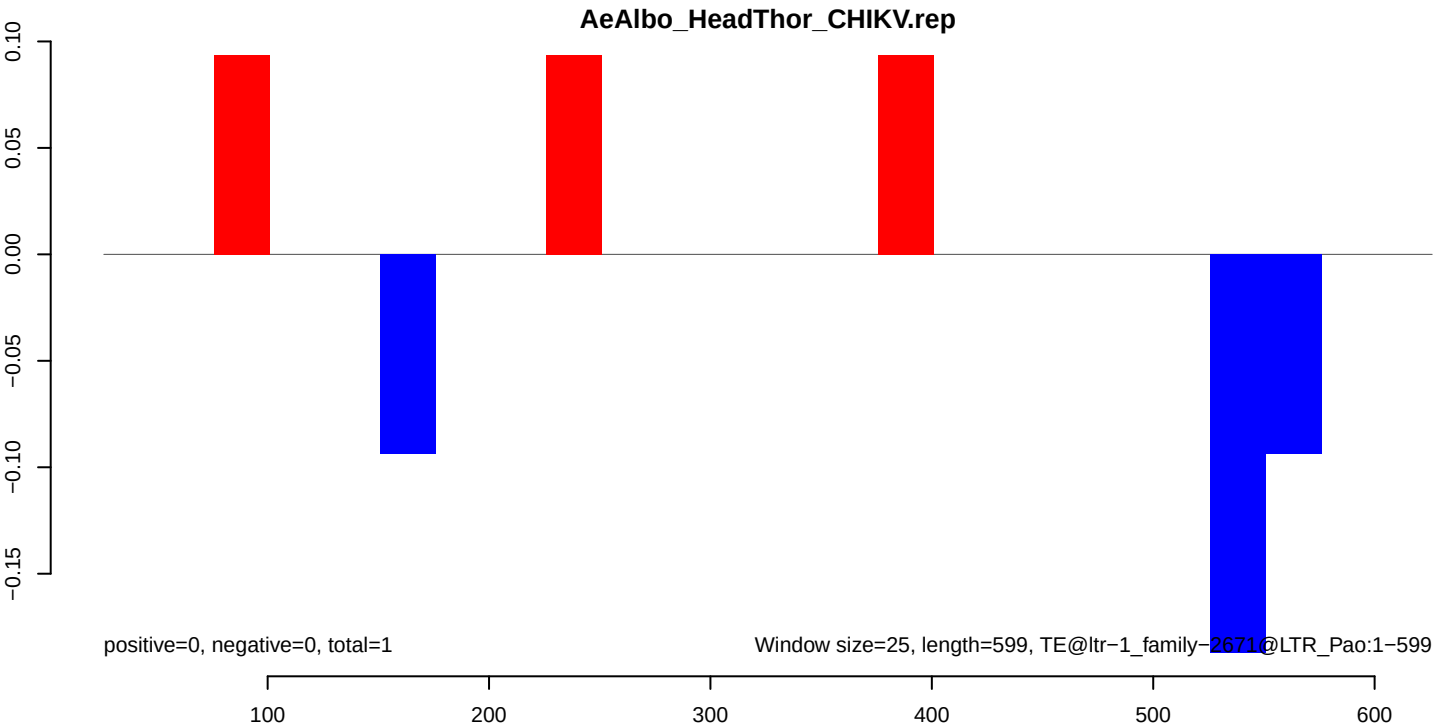

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

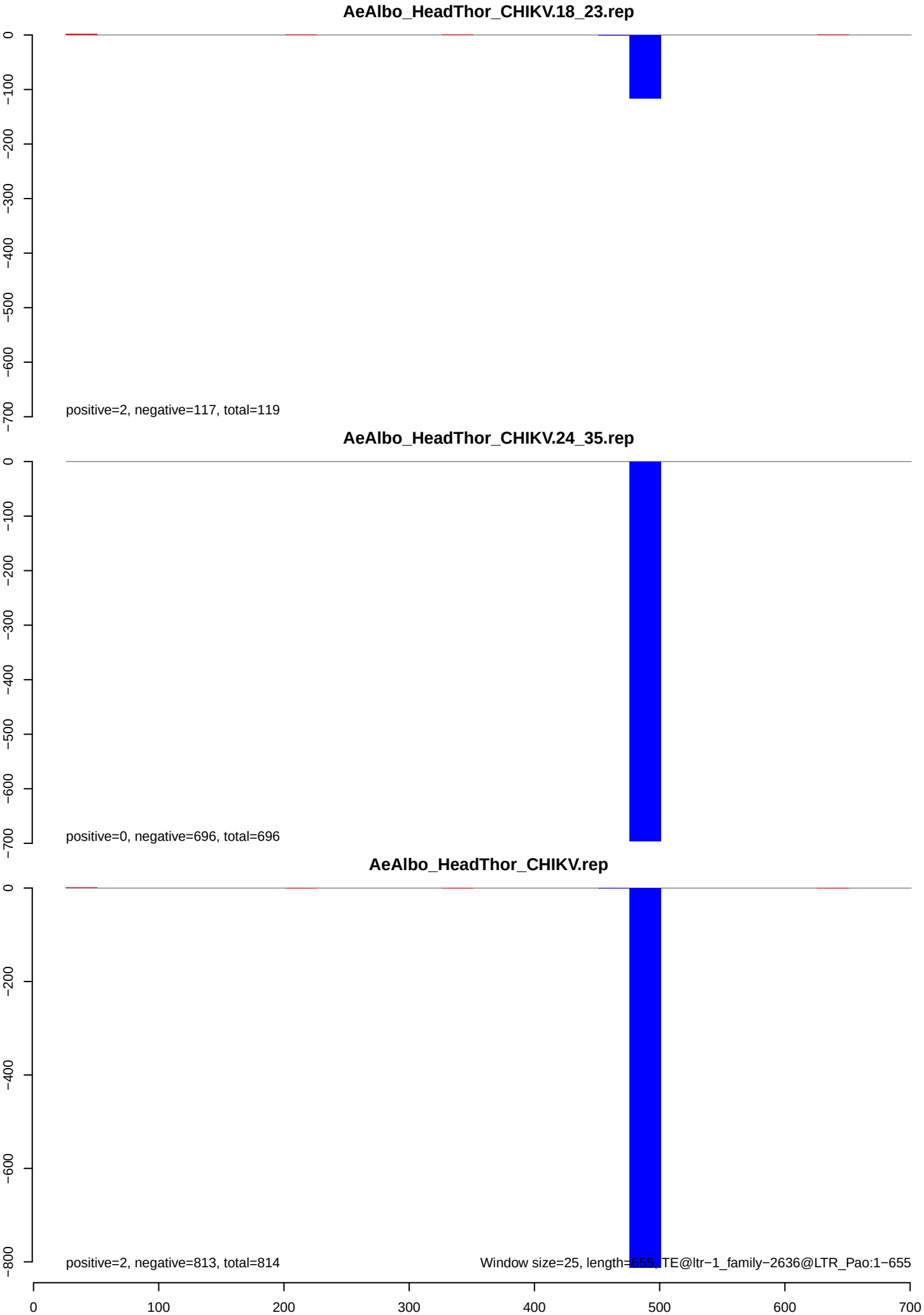

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

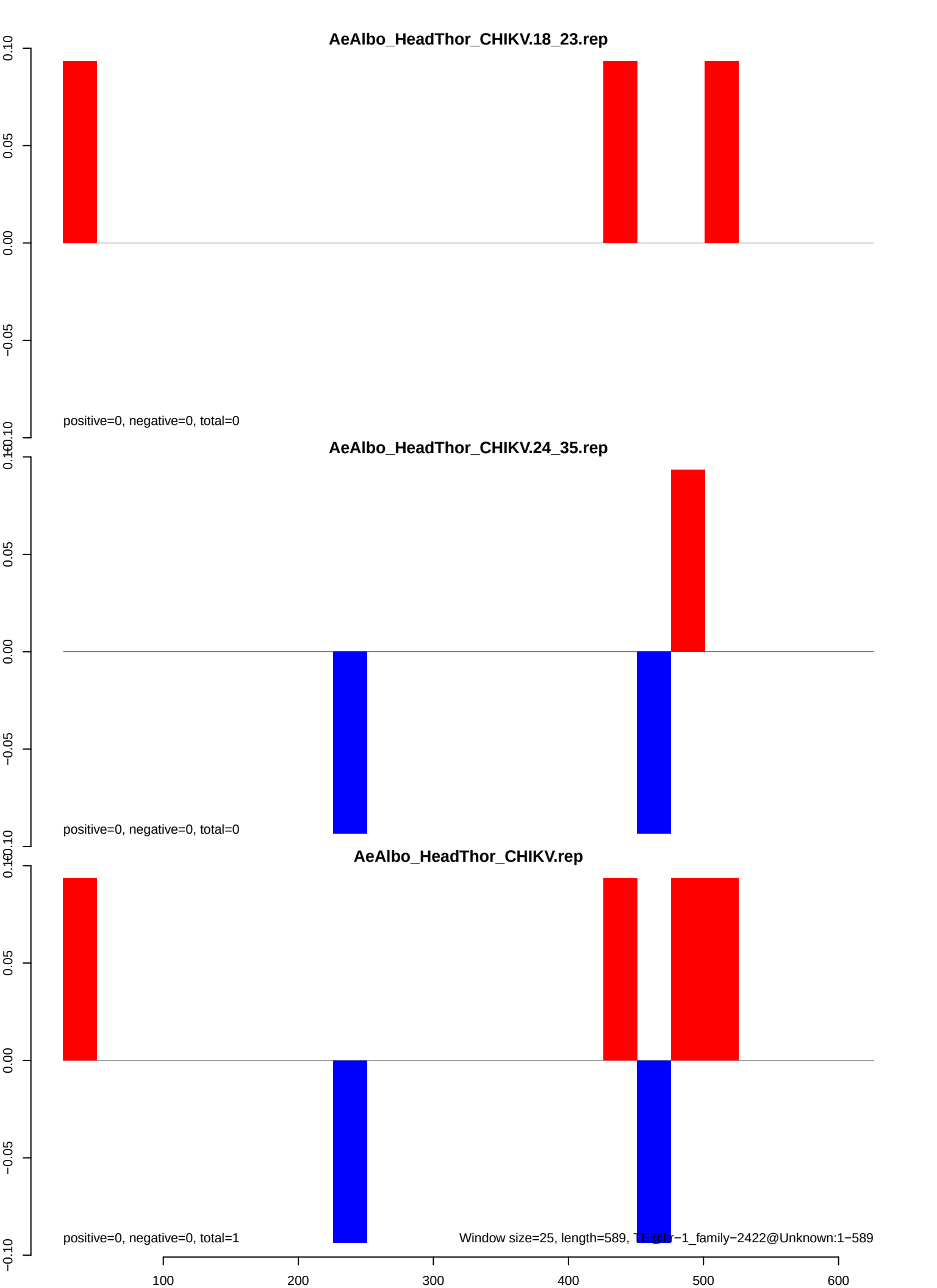

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1000, TE@ltr−1_family−2687@LTR_Gypsy:1−1000
0
200
400
600
800
1000

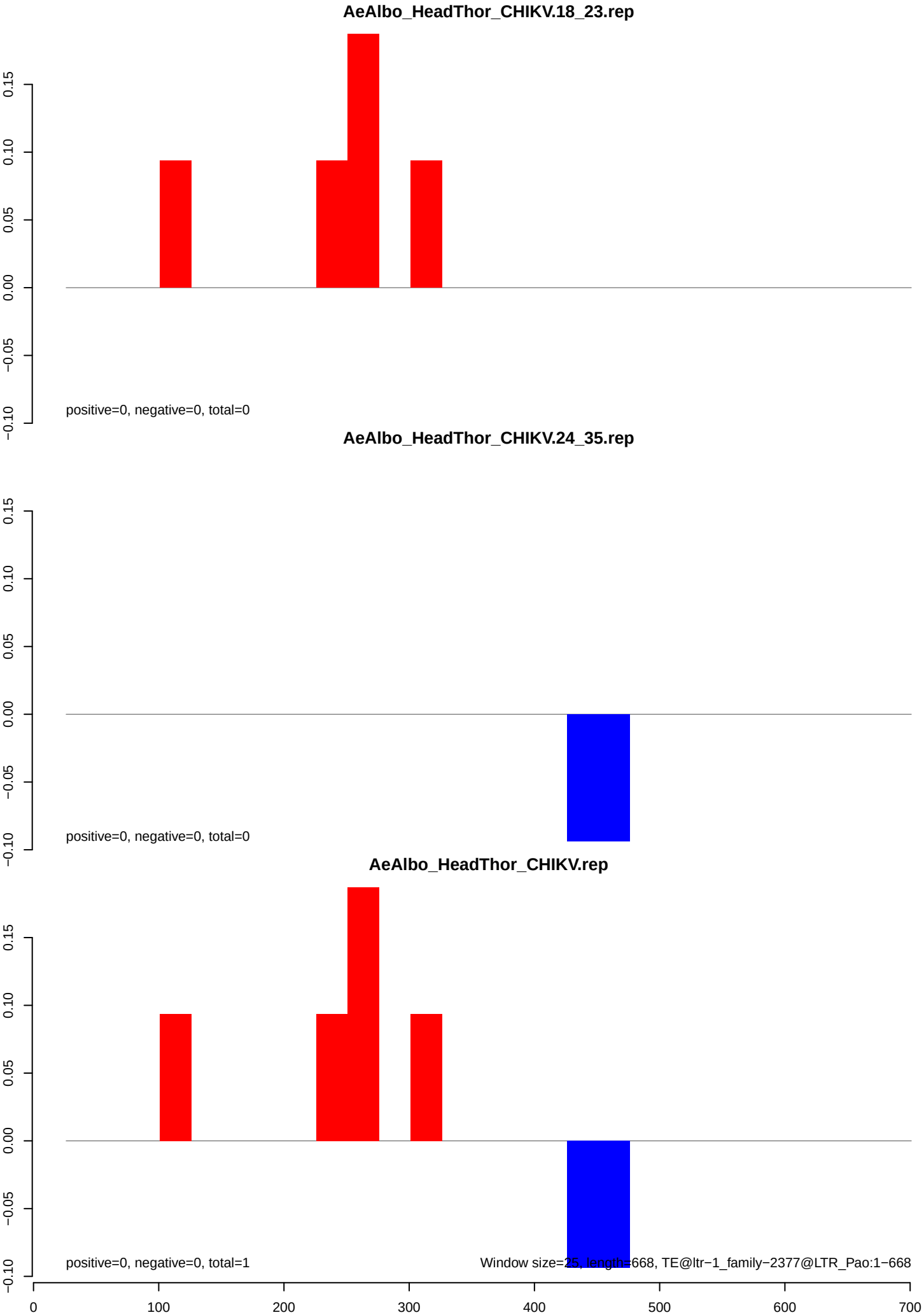

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

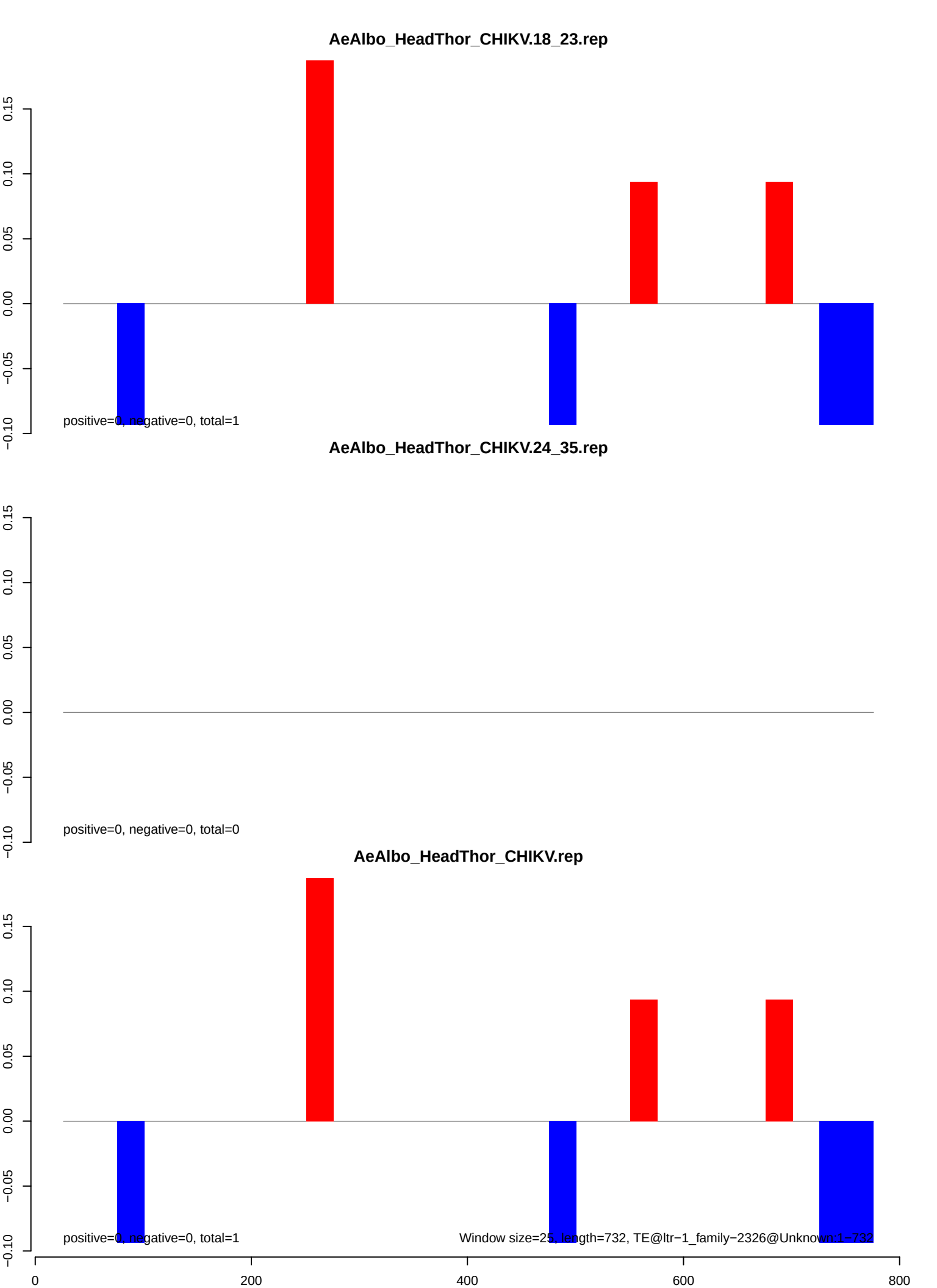
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

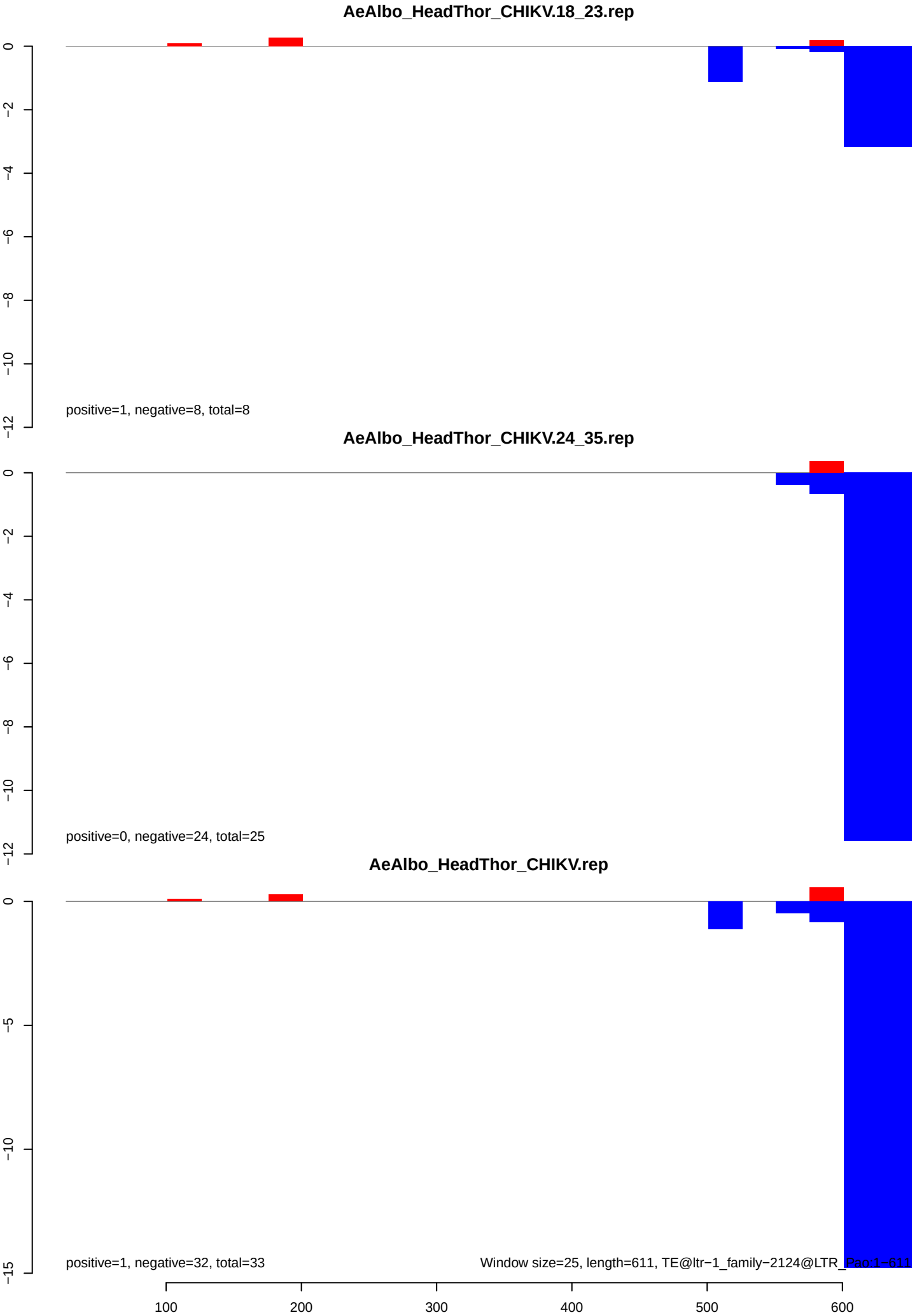

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=599, TE@ltr−1_family−2671@LTR_Pao:1−599
100
200
300
400
500
600

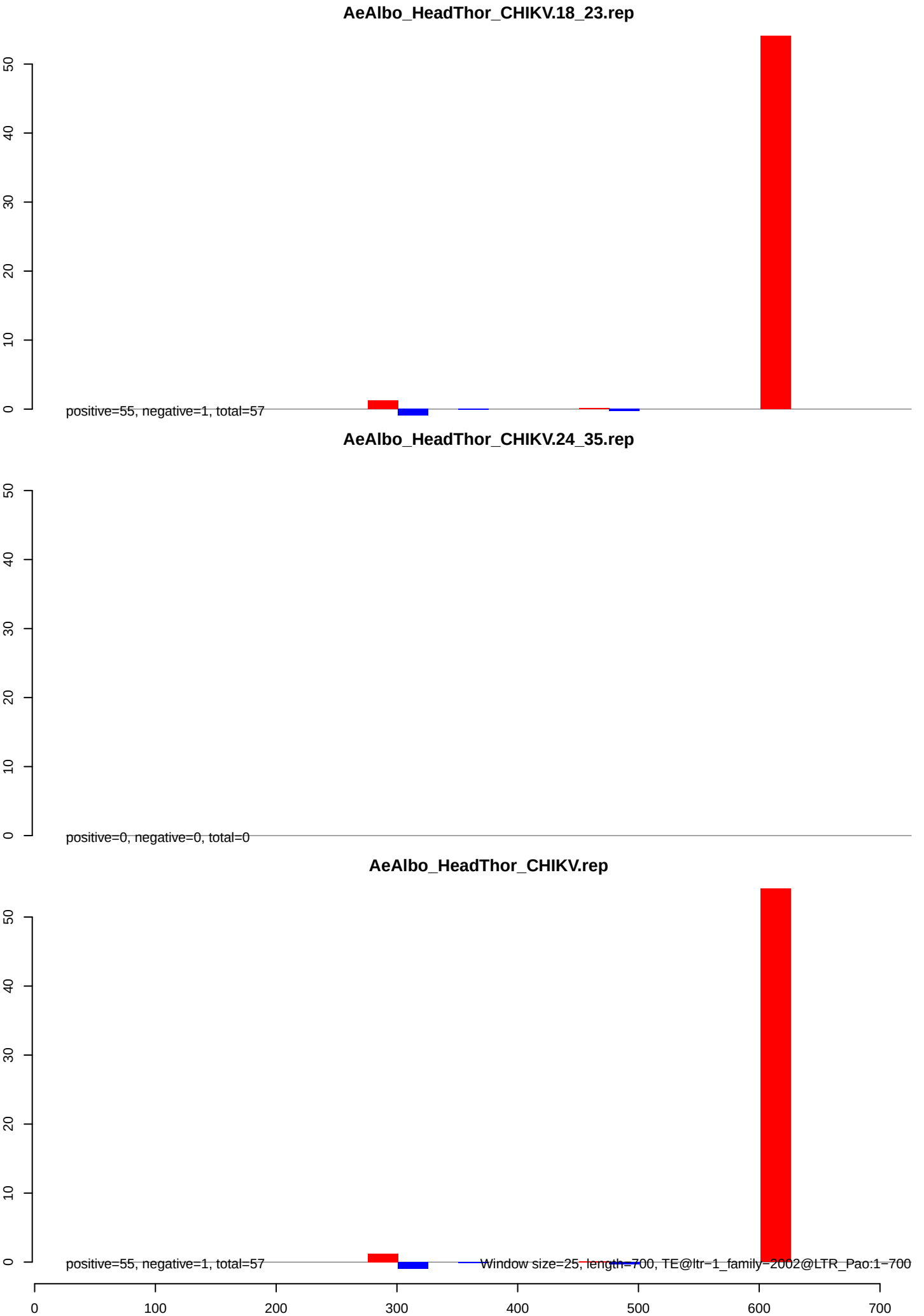

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−100
−200
−300
−400
−500
−600
−700
positive=2, negative=117, total=119
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−100
−200
−300
−400
−500
−600
−700
positive=0, negative=696, total=696
AeAlbo_HeadThor_CHIKV.rep
0
−200
−400
−600
−800
positive=2, negative=813, total=814
Window size=25, length=655, TE@ltr−1_family−2636@LTR_Pao:1−655
0
100
200
300
400
500
600
700

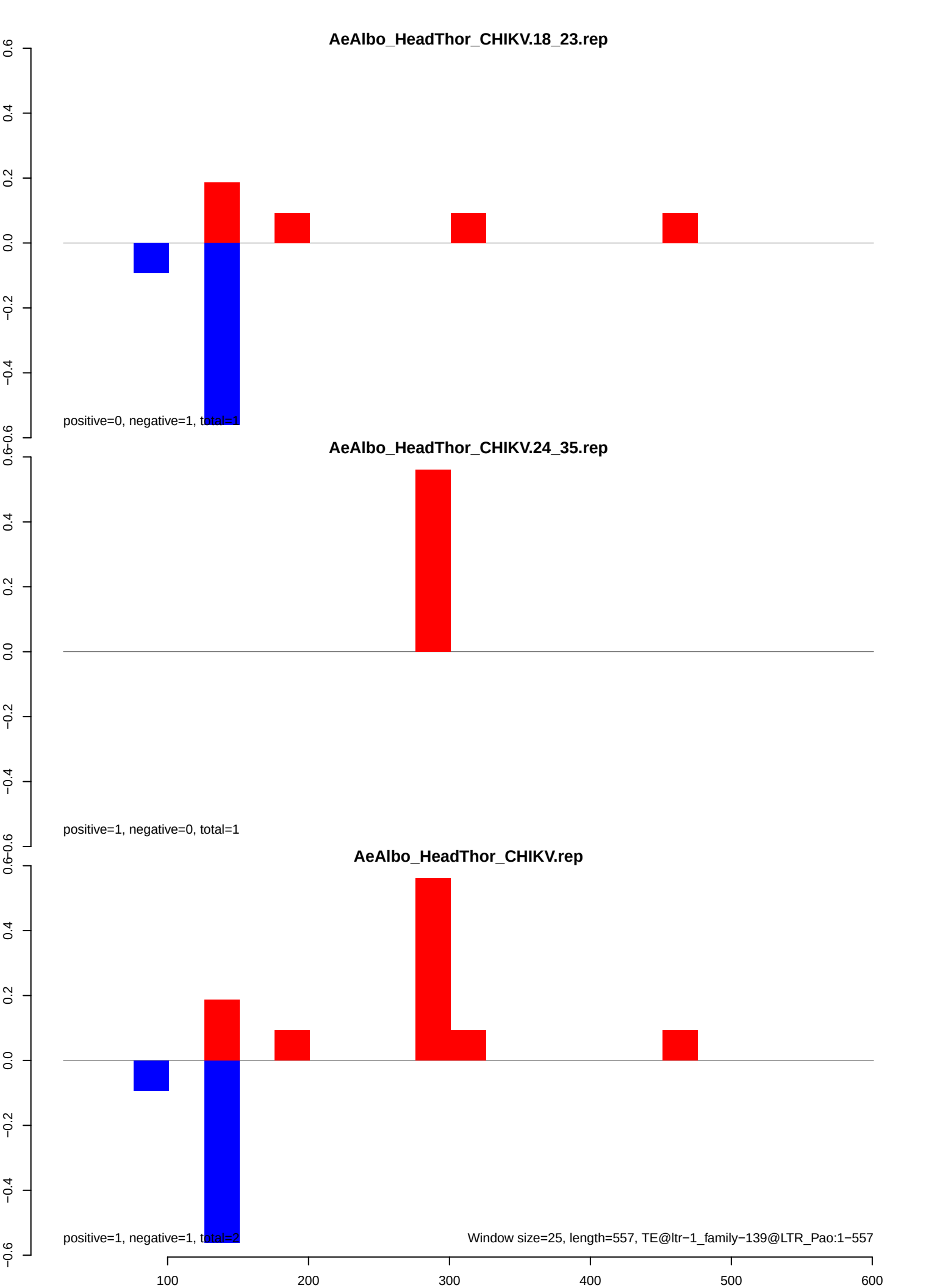

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=589, TE@lr−1_family−2422@Unknown:1−589
100
200
300
400
500
600

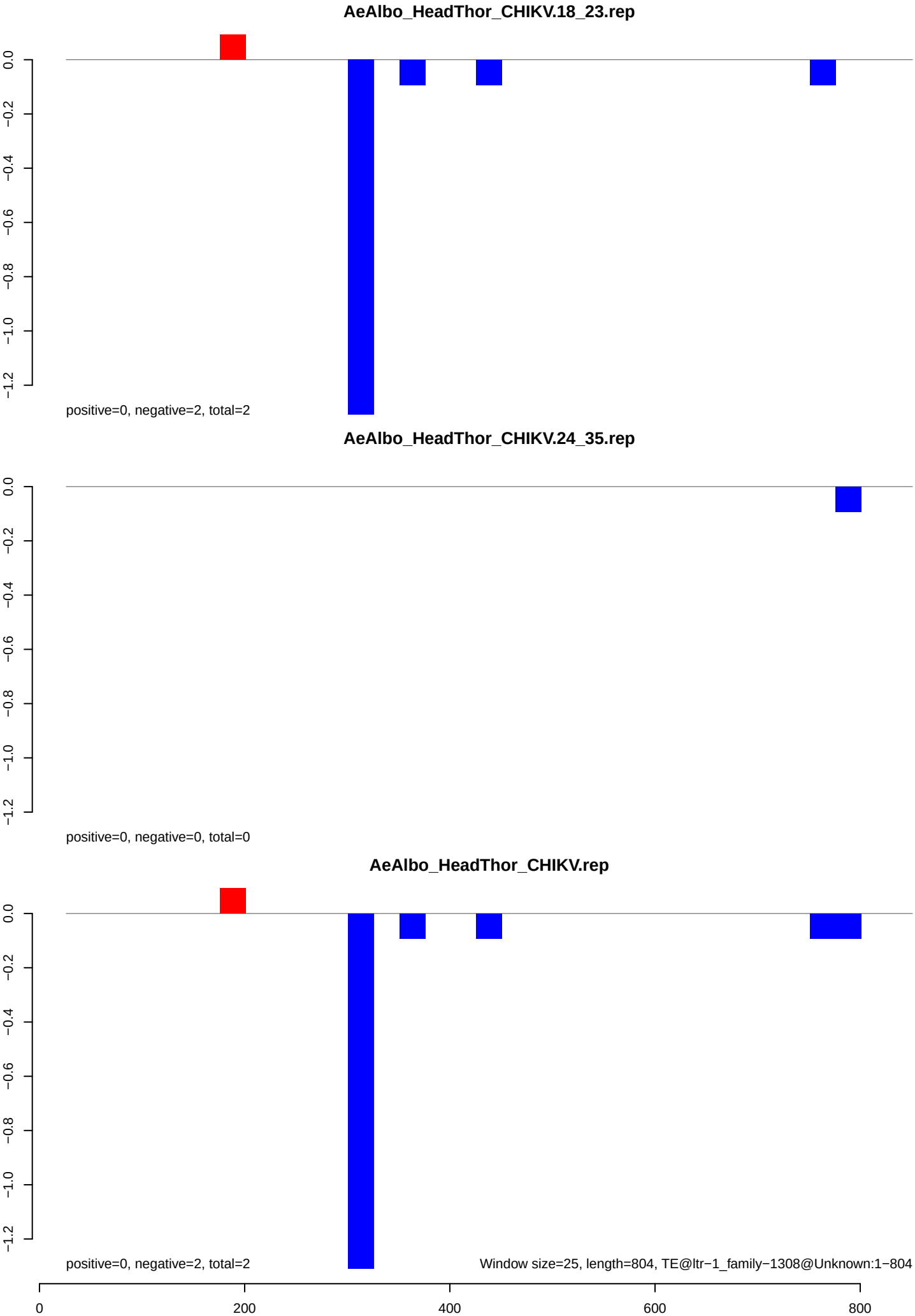

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=668, TE@ltr−1_family−2377@LTR_Pao:1−668
0
100
200
300
400
500
600
700

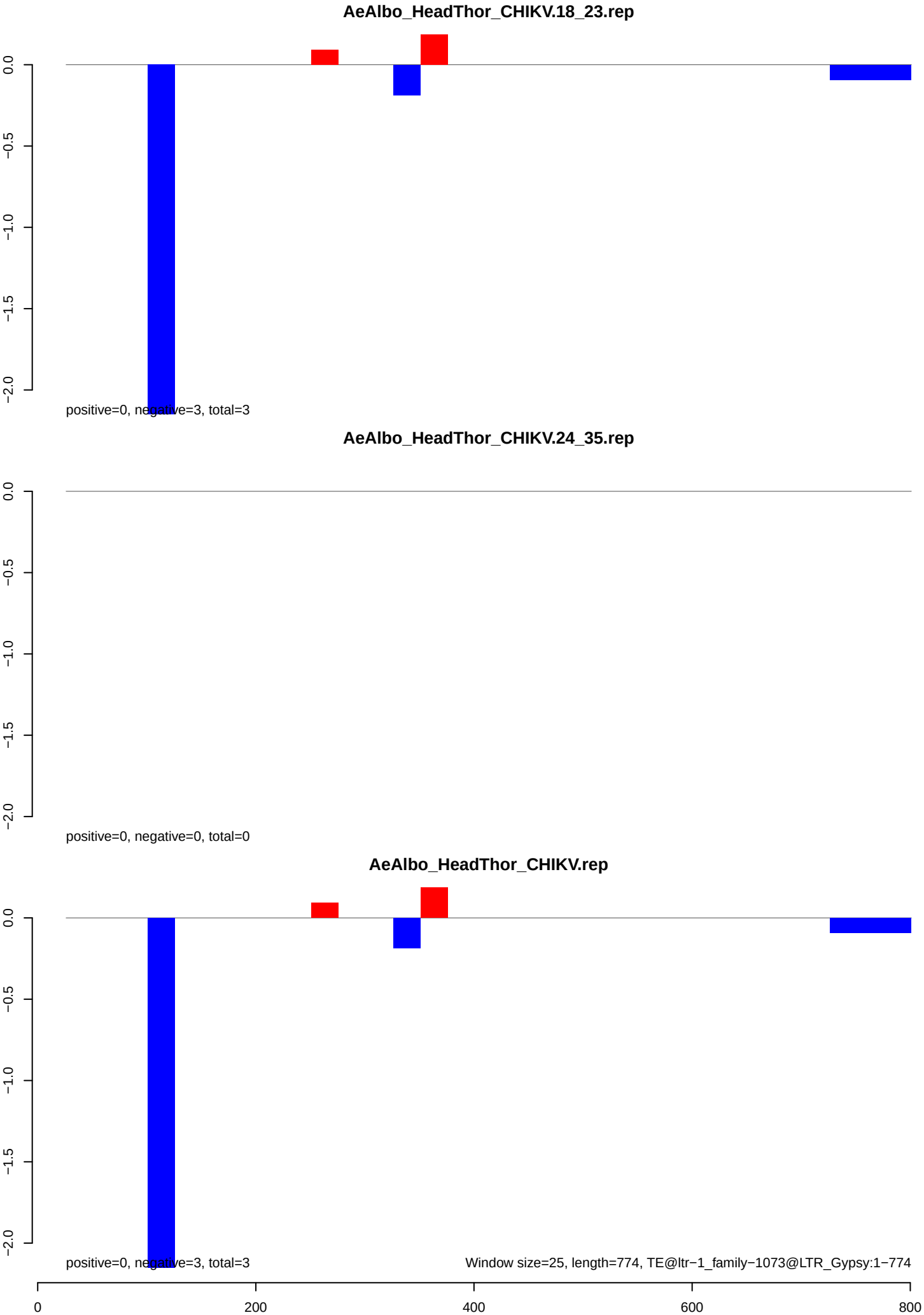

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=732, TE@ltr−1_family−2326@Unknown:1−732
0
200
400
600
800

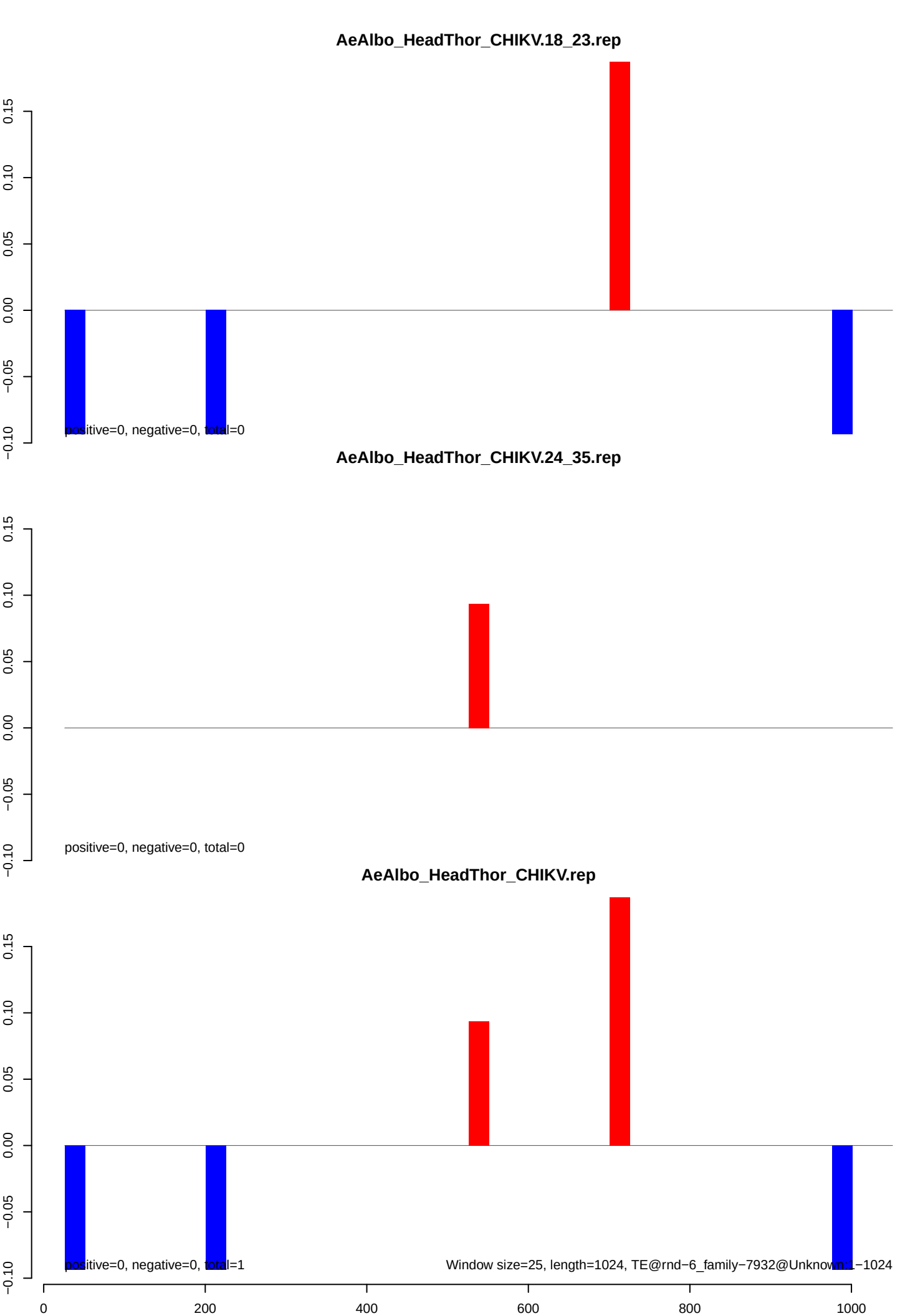

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=1, negative=8, total=8
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=24, total=25
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=32, total=33
Window size=25, length=611, TE@ltr−1_family−2124@LTR_Pao:1−611
100
200
300
400
500
600

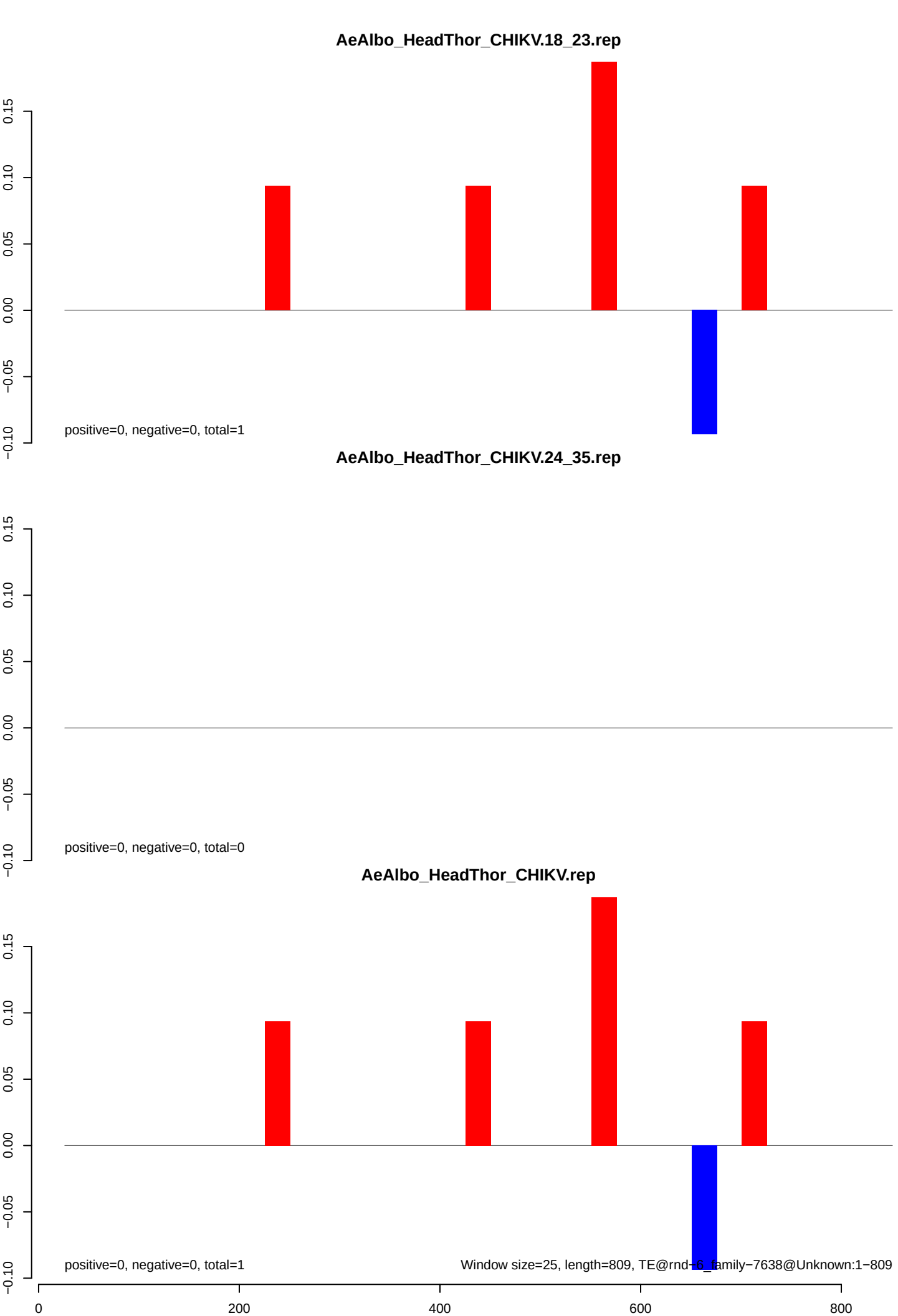

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=55, negative=1, total=57
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=55, negative=1, total=57
Window size=25, length=700, TE@ltr−1_family−2002@LTR_Pao:1−700
0
10
20
30
40
50
0
100
200
300
400
500
600
700

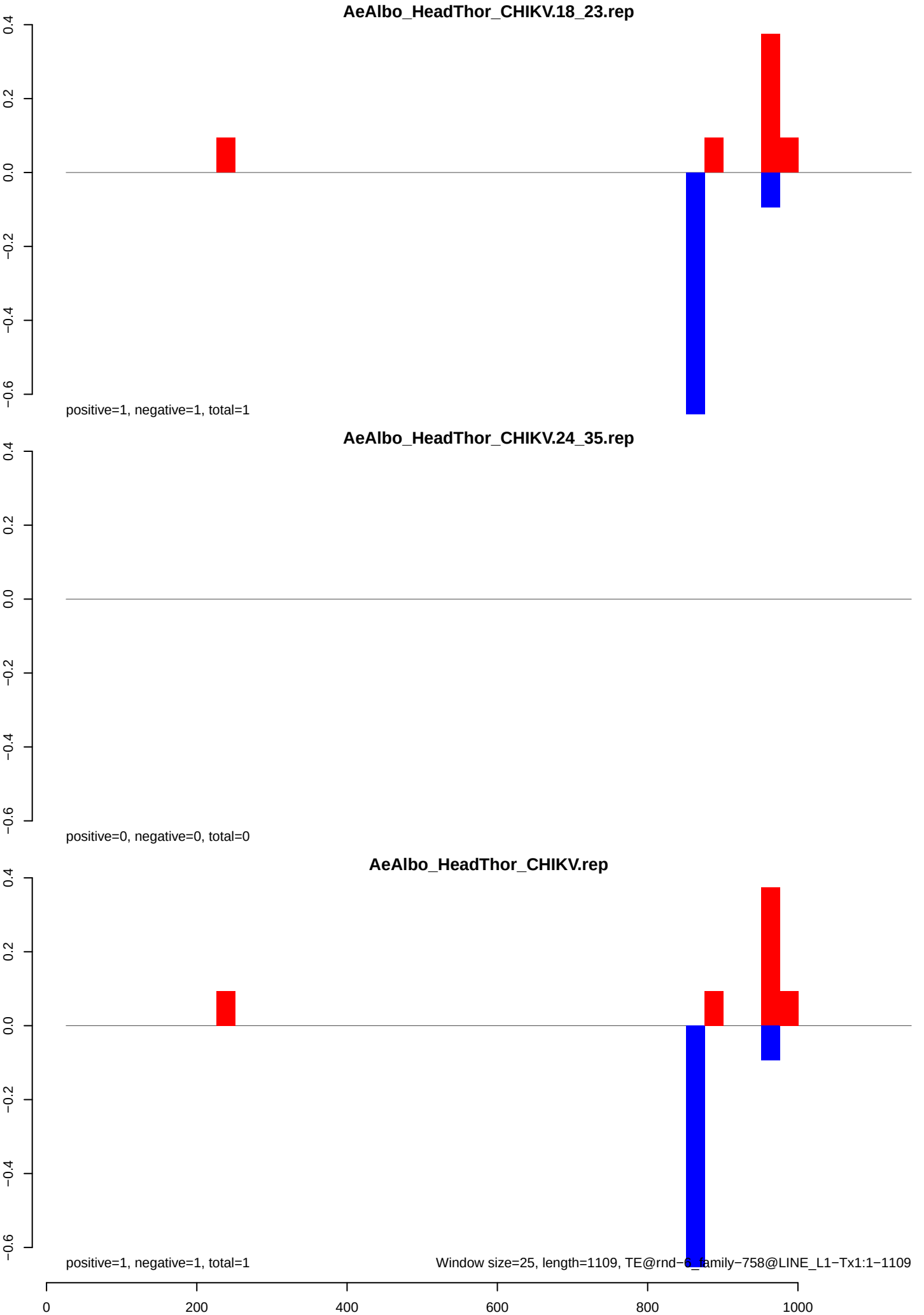

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=2
Window size=25, length=557, TE@ltr−1_family−139@LTR_Pao:1−557
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
100
200
300
400
500
600

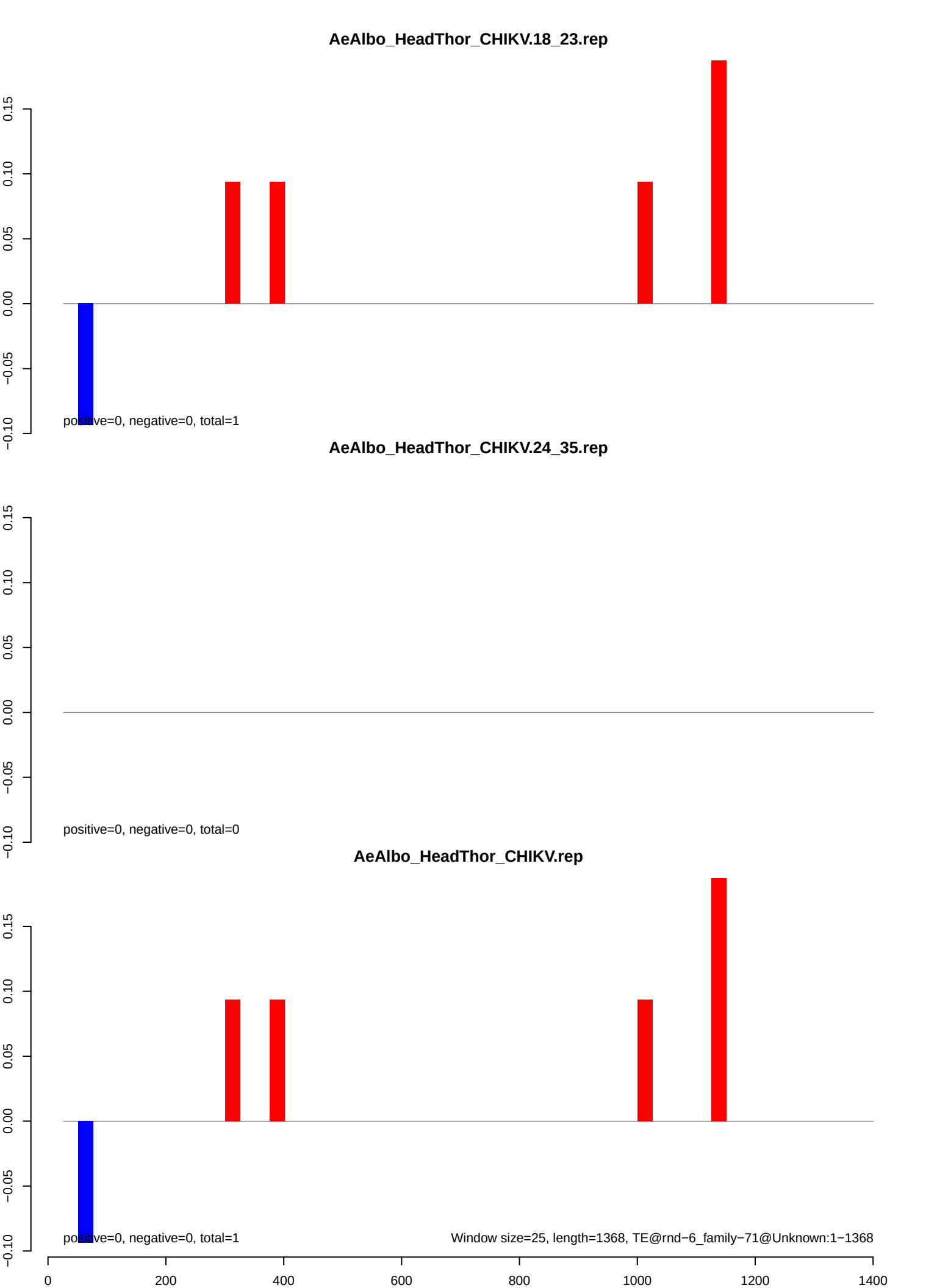

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=2, total=2
Window size=25, length=804, TE@ltr−1_family−1308@Unknown:1−804
0
200
400
600
800

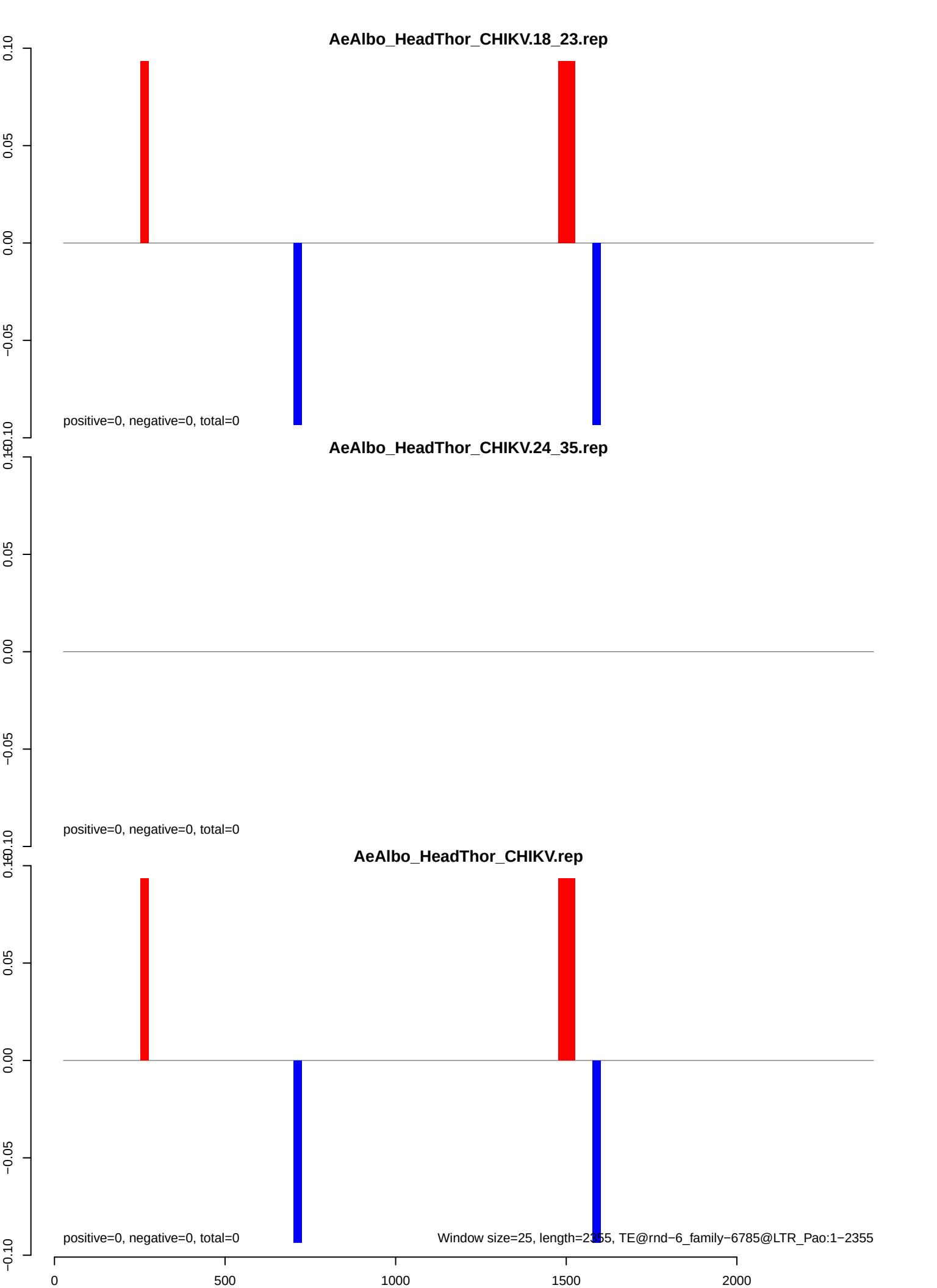

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=3, total=3
Window size=25, length=774, TE@ltr−1_family−1073@LTR_Gypsy:1−774
0
200
400
600
800

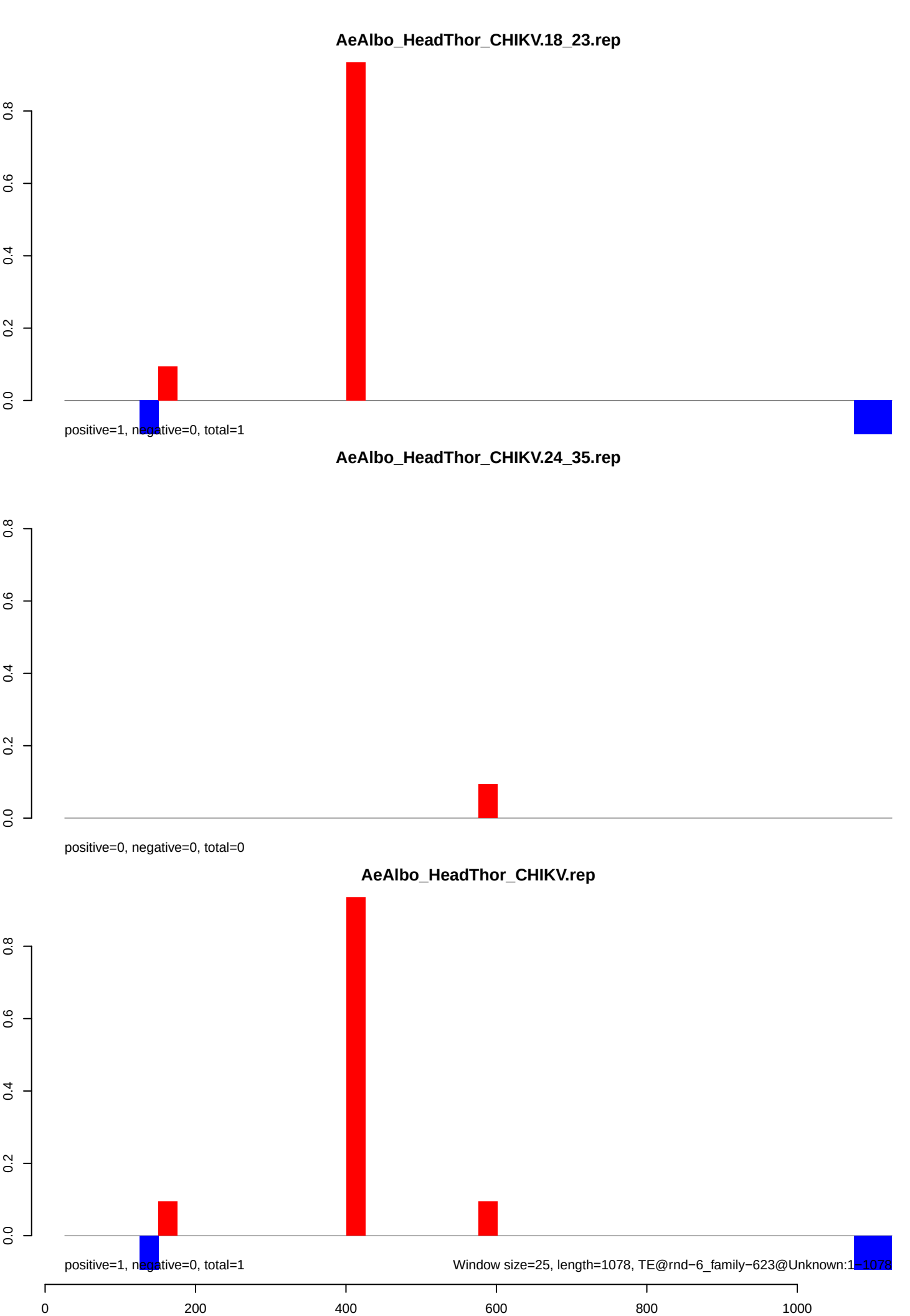

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1024, TE@rnd−6_family−7932@Unknown:1−1024
0
200
400
600
800
1000

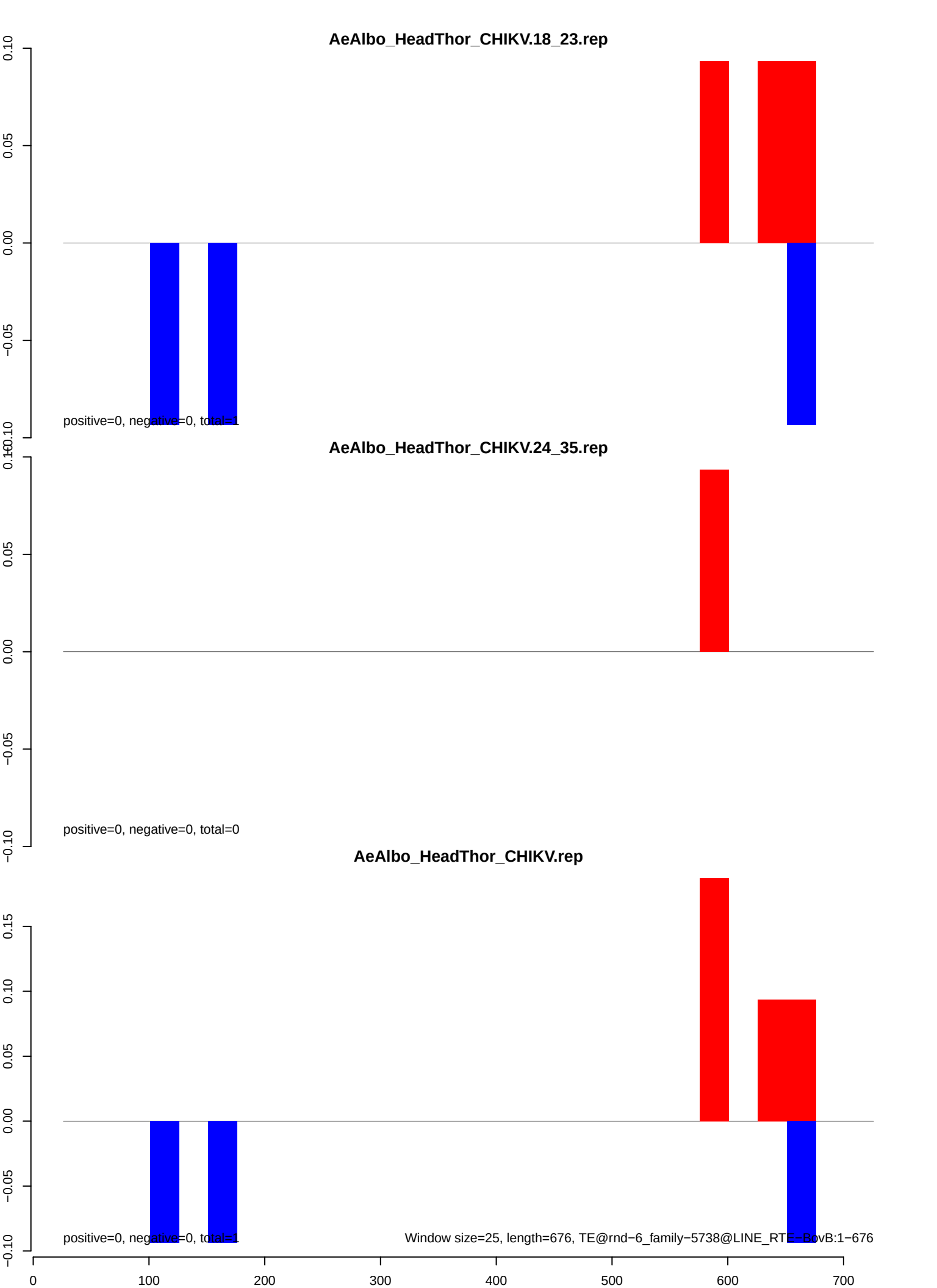

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=809, TE@rnd−6_family−7638@Unknown:1−809
0
200
400
600
800

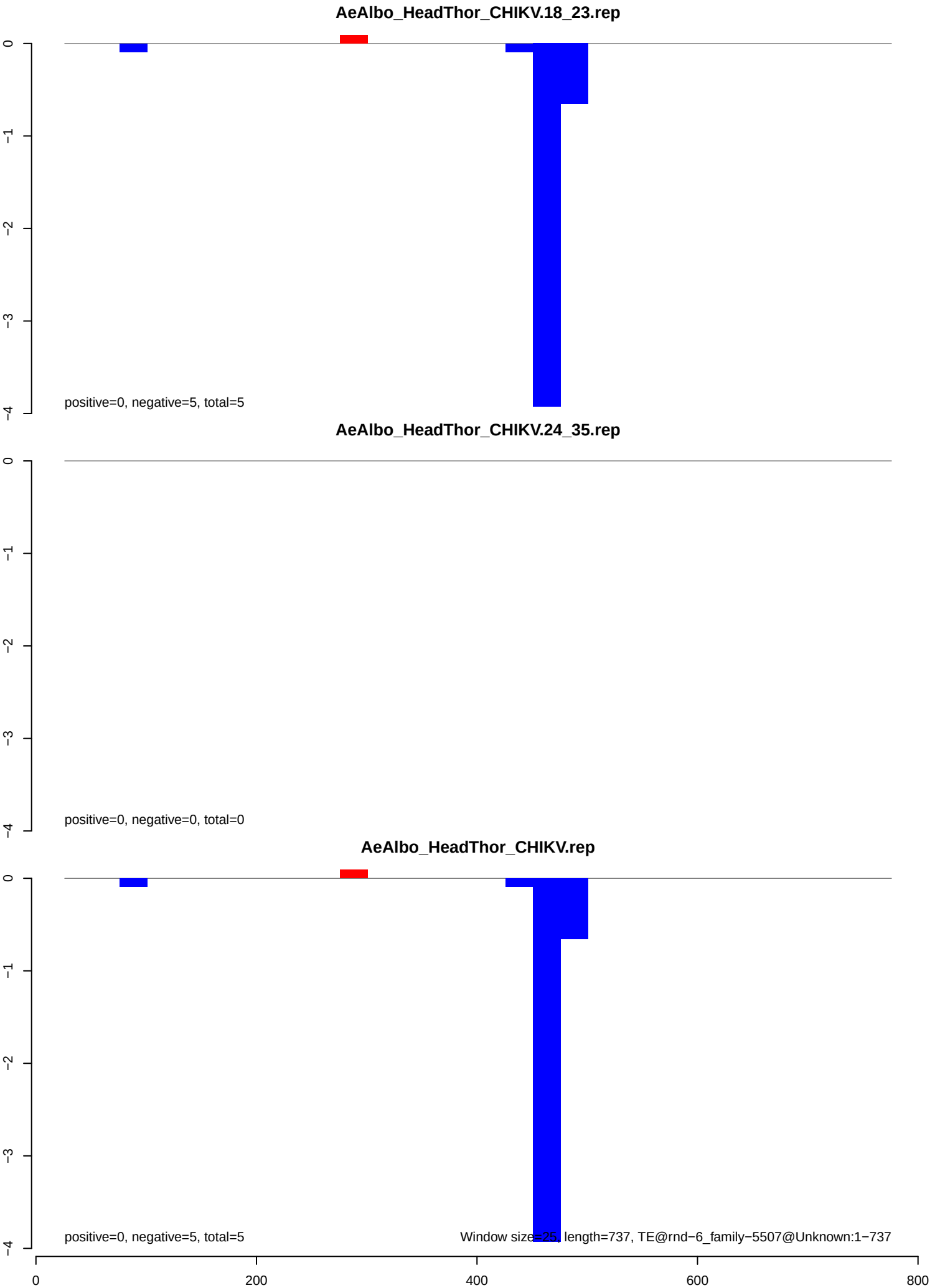

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=1, negative=1, total=1
Window size=25, length=1109, TE@rnd−6_family−758@LINE_L1−Tx1:1−1109
0
200
400
600
800
1000

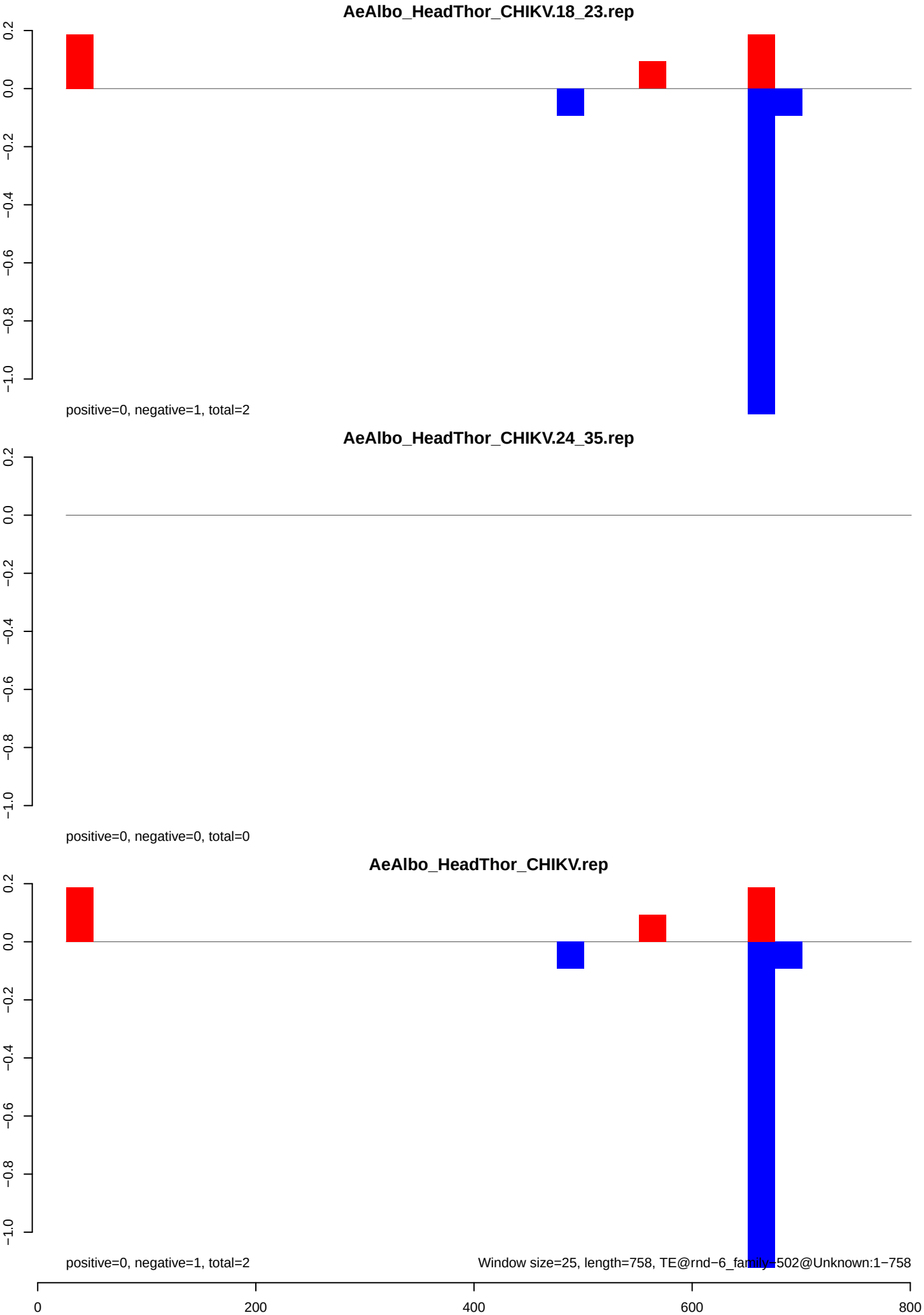

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1368, TE@rnd−6_family−71@Unknown:1−1368
0
200
400
600
800
1000
1200
1400

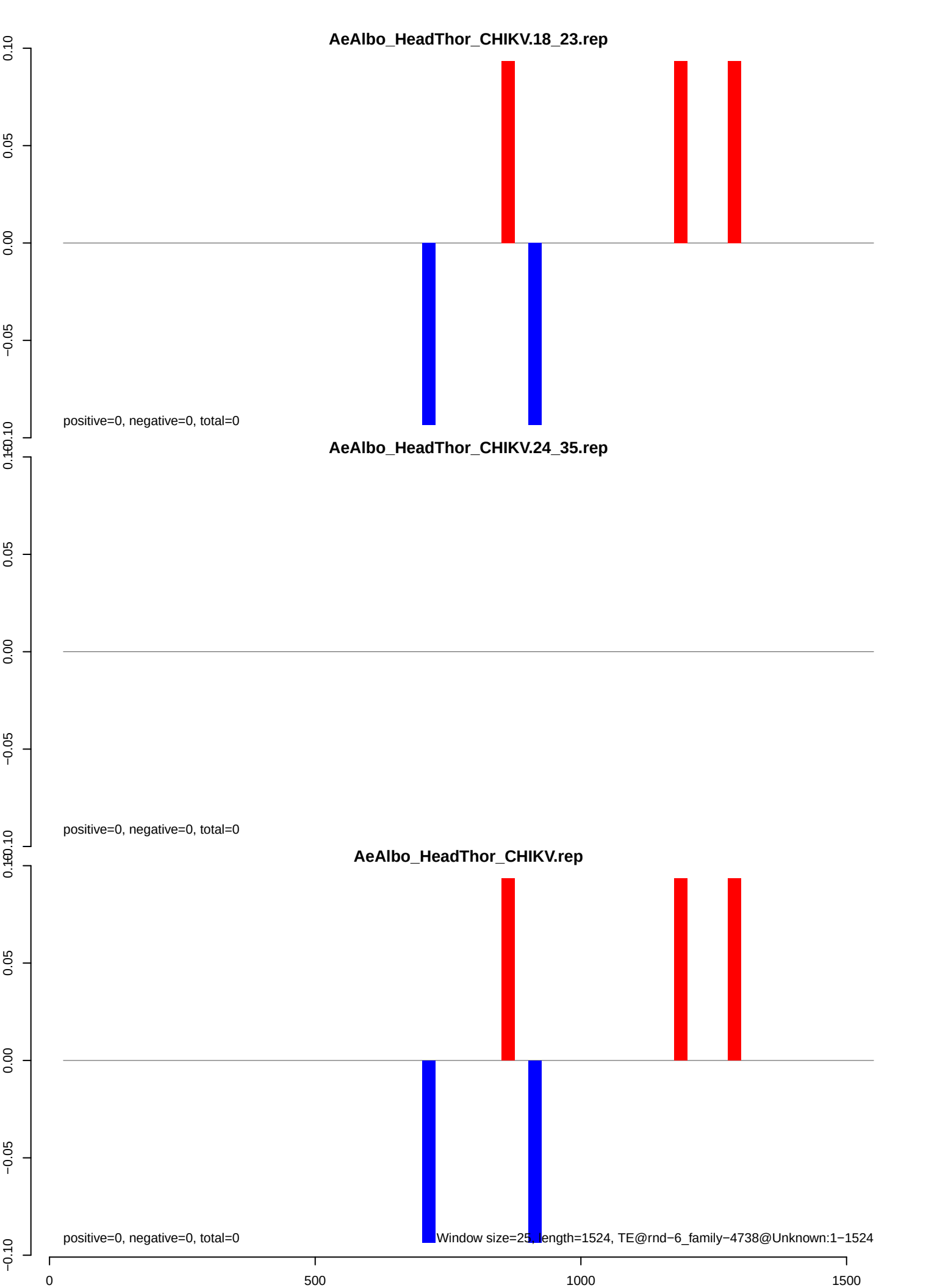

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=2355, TE@rnd−6_family−6785@LTR_Pao:1−2355
0
500
1000
1500
2000

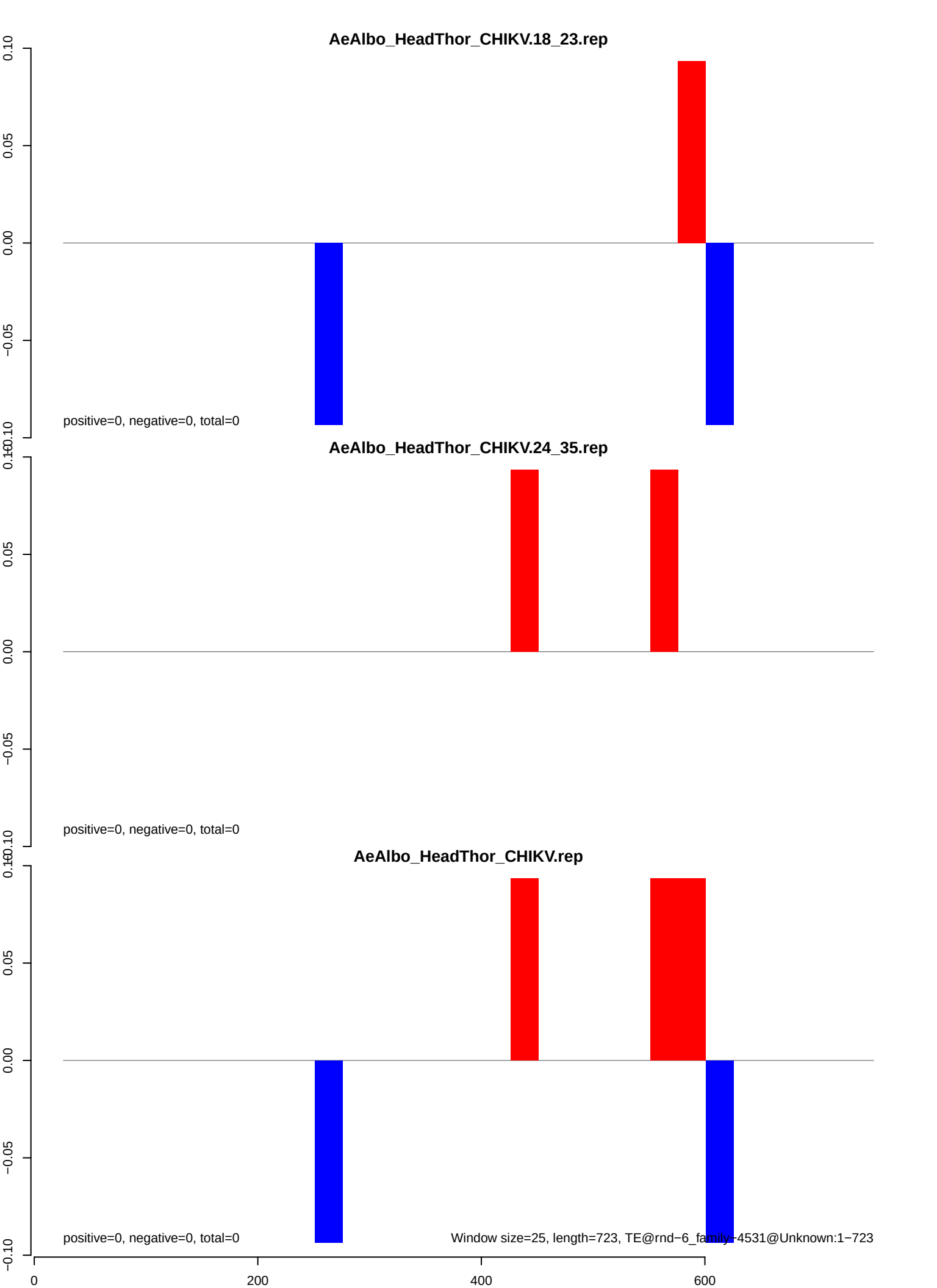

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
Window size=25, length=1078, TE@rnd−6_family−623@Unknown:1−1078
0
200
400
600
800
1000

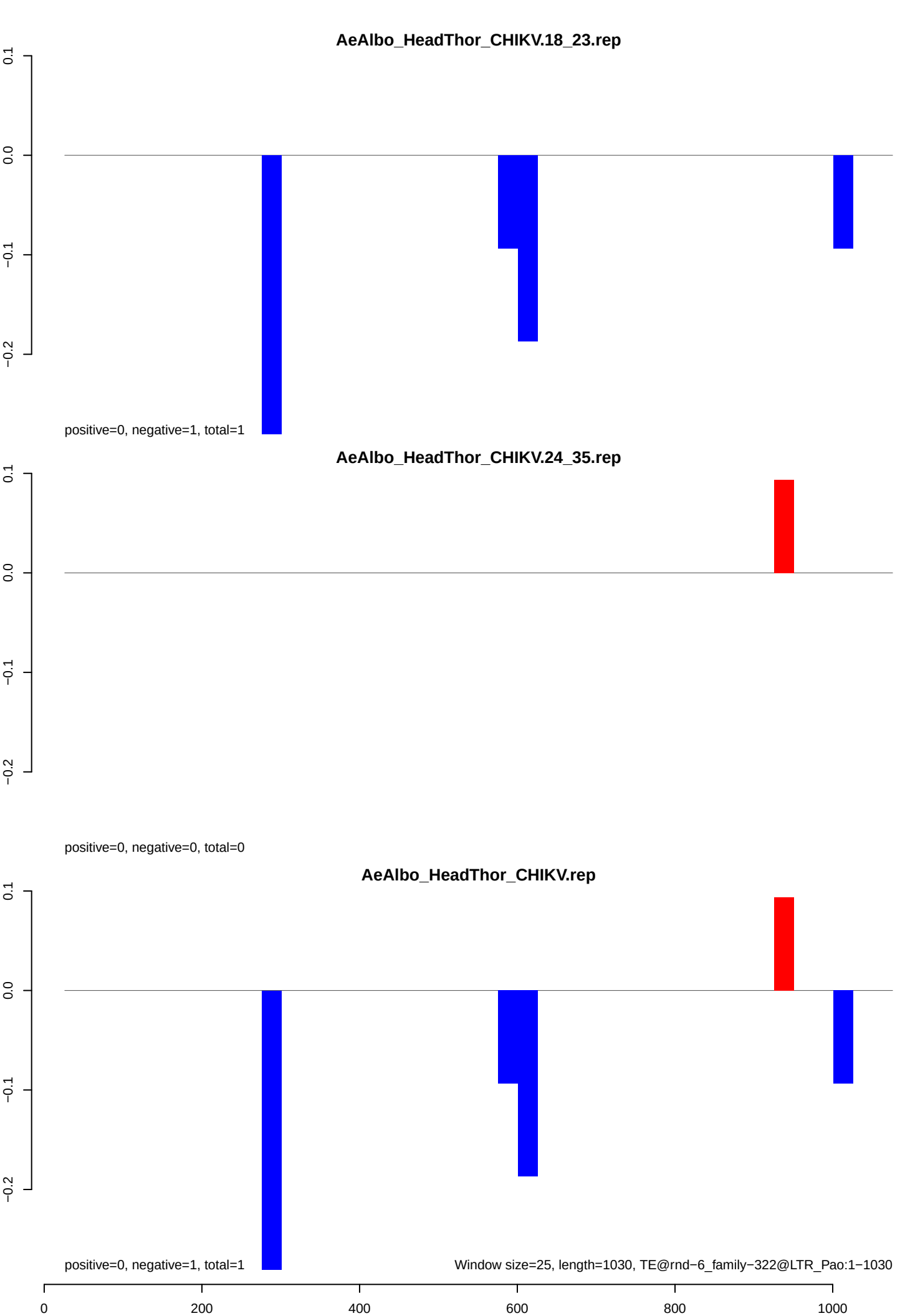

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=676, TE@rnd−6_family−5738@LINE_RTE−BovB:1−676
0
100
200
300
400
500
600
700

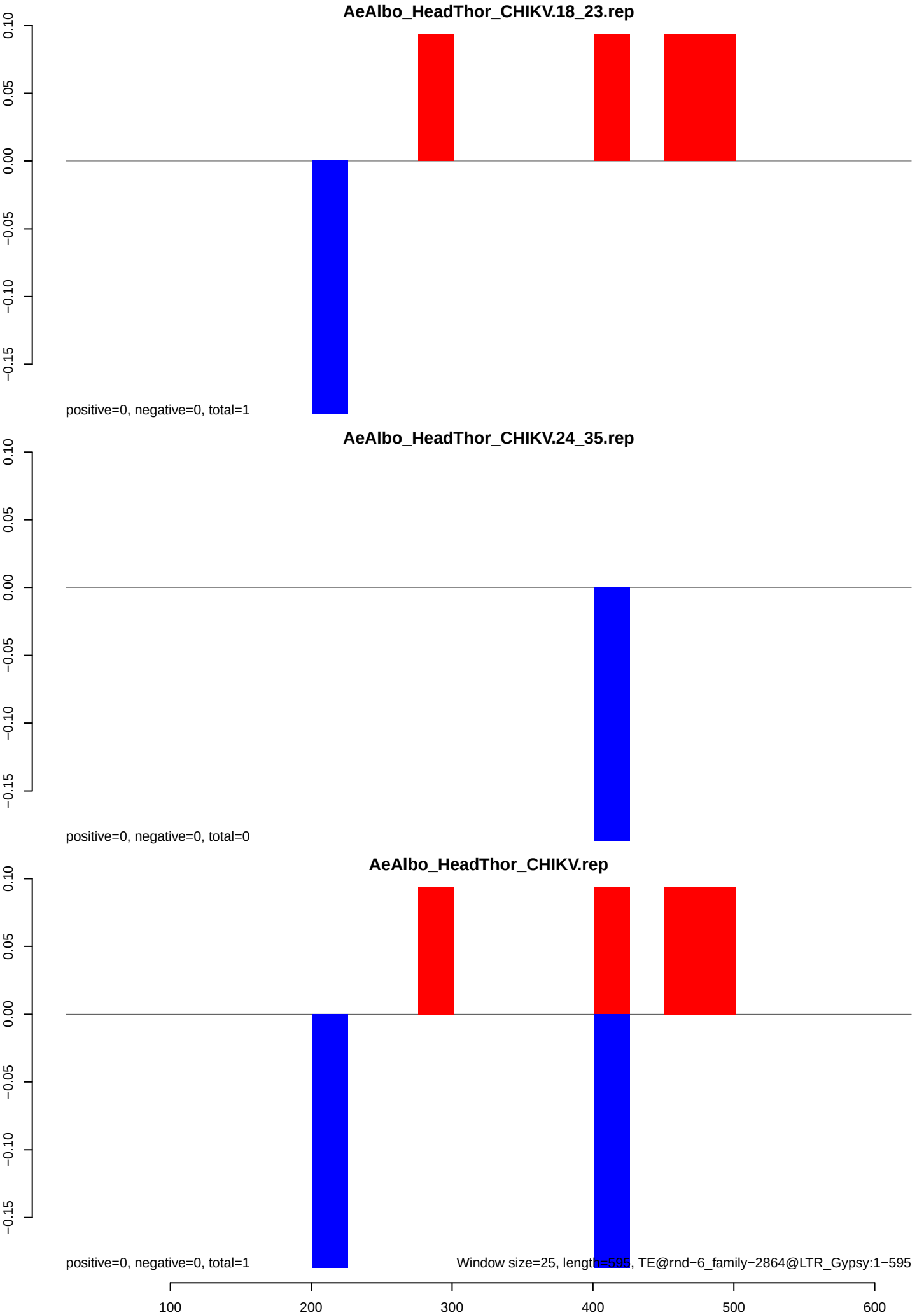

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=0, negative=5, total=5
Window size=25, length=737, TE@rnd−6_family−5507@Unknown:1−737
0
200
400
600
800

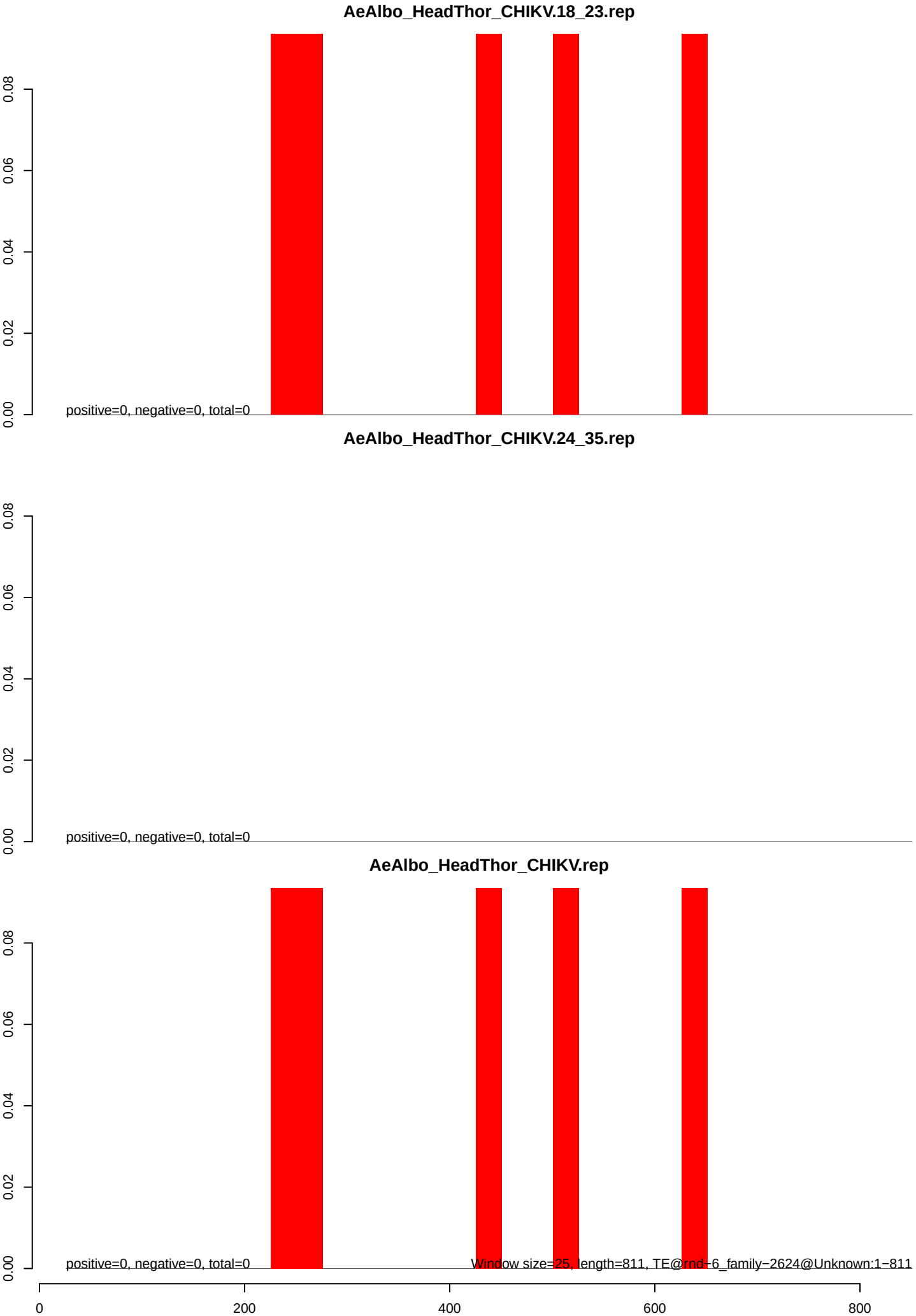

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=2
Window size=25, length=758, TE@rnd−6_family−502@Unknown:1−758
0
200
400
600
800

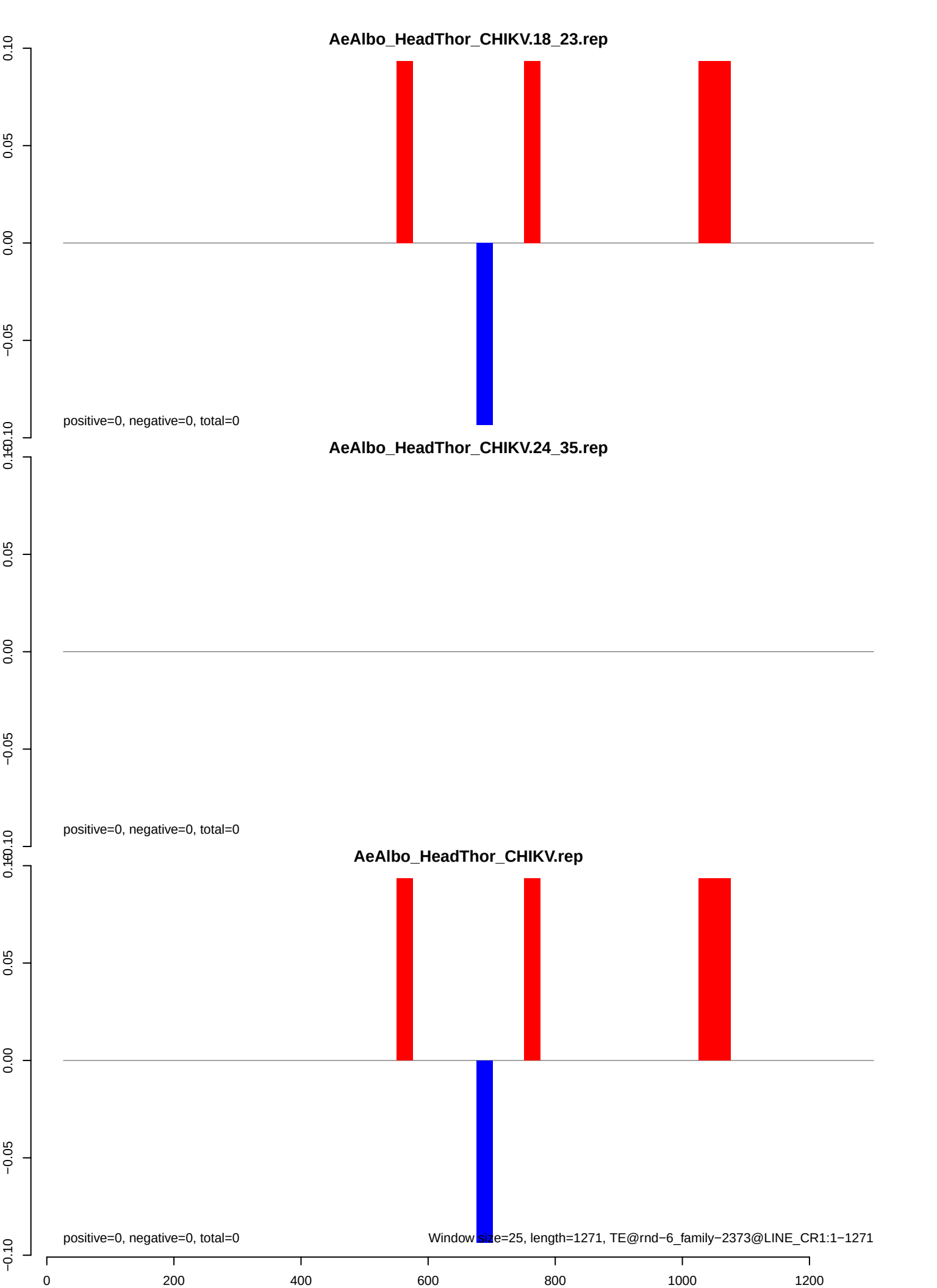

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1524, TE@rnd−6_family−4738@Unknown:1−1524
0
500
1000
1500

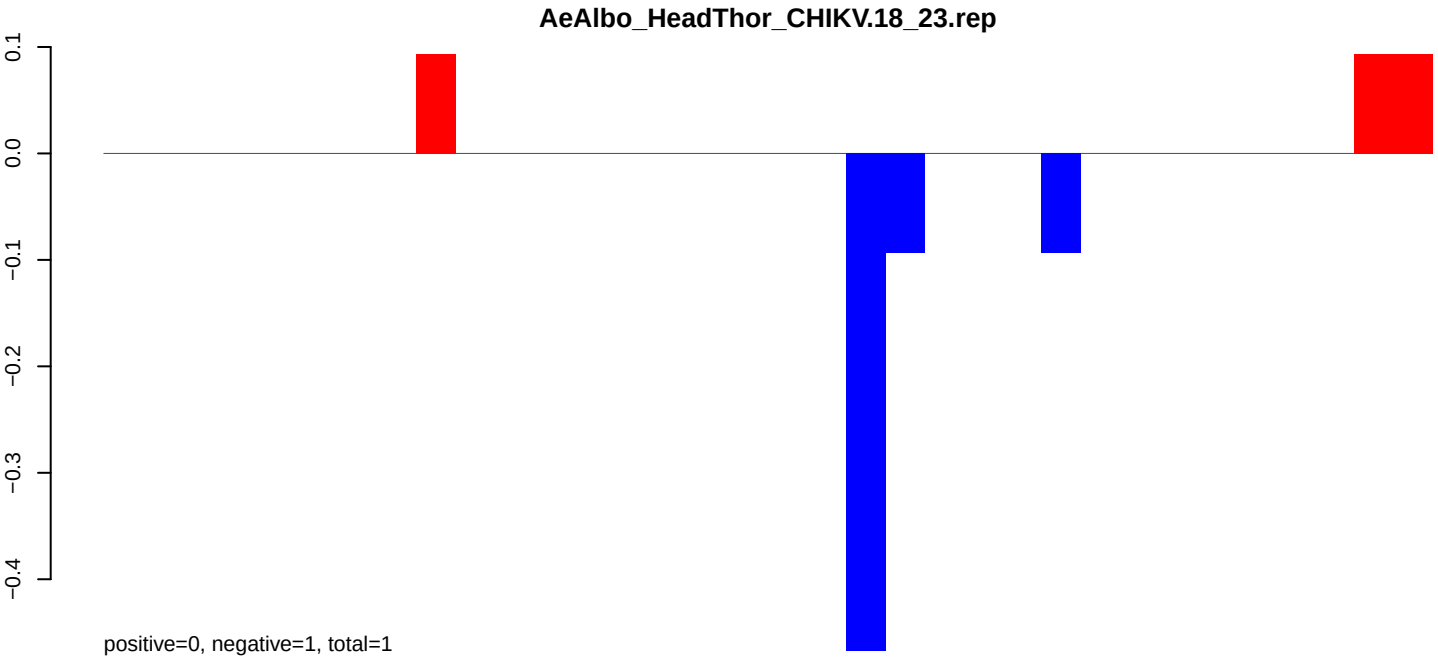

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=723, TE@rnd−6_family−4531@Unknown:1−723
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600

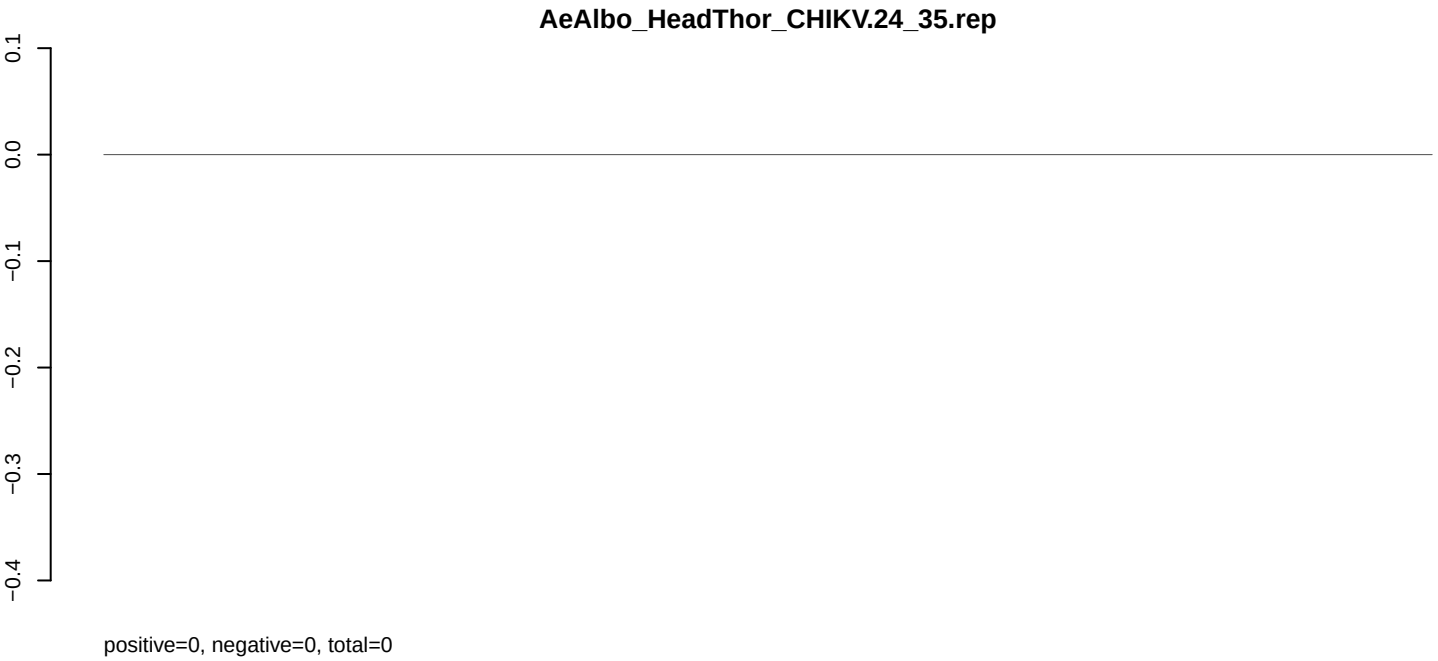

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=1030, TE@rnd−6_family−322@LTR_Pao:1−1030
0
200
400
600
800
1000

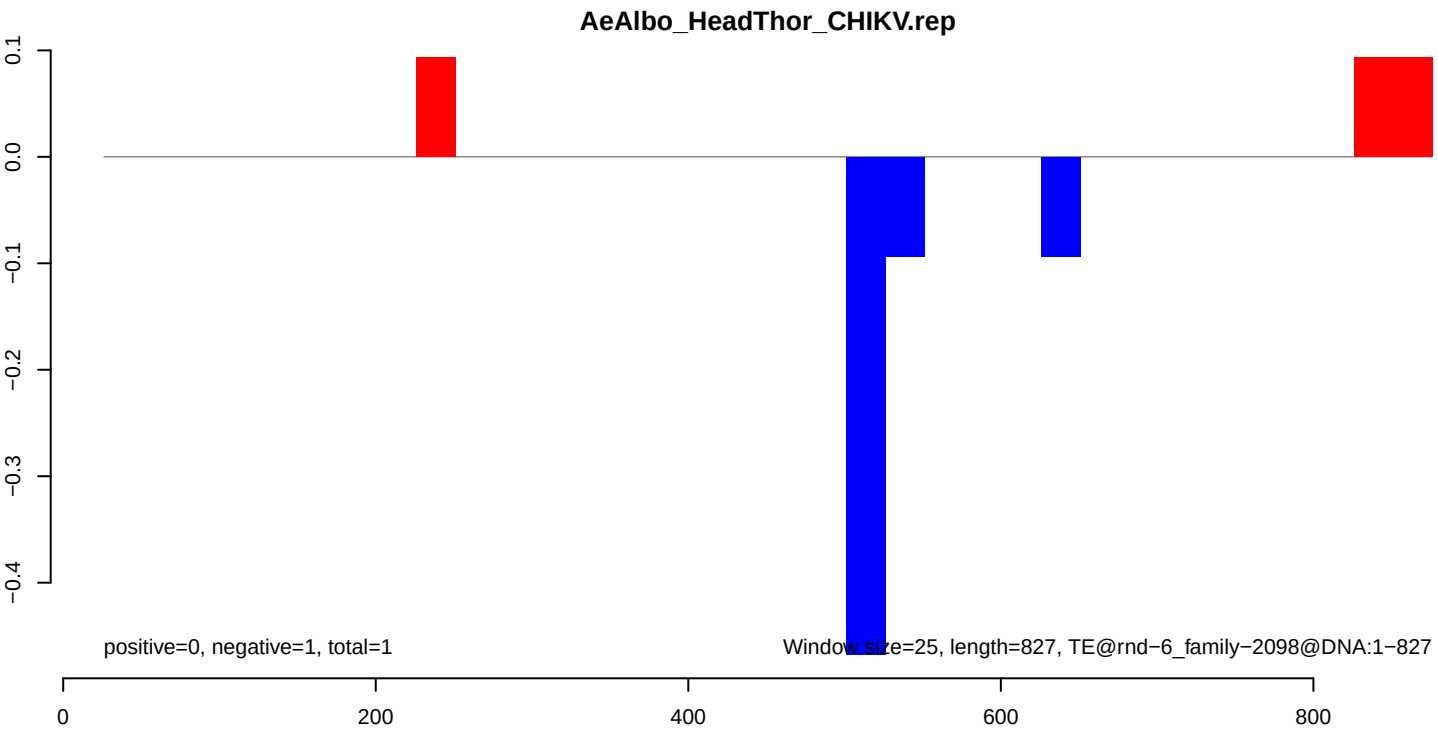

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=595, TE@rnd−6_family−2864@LTR_Gypsy:1−595
100
200
300
400
500
600

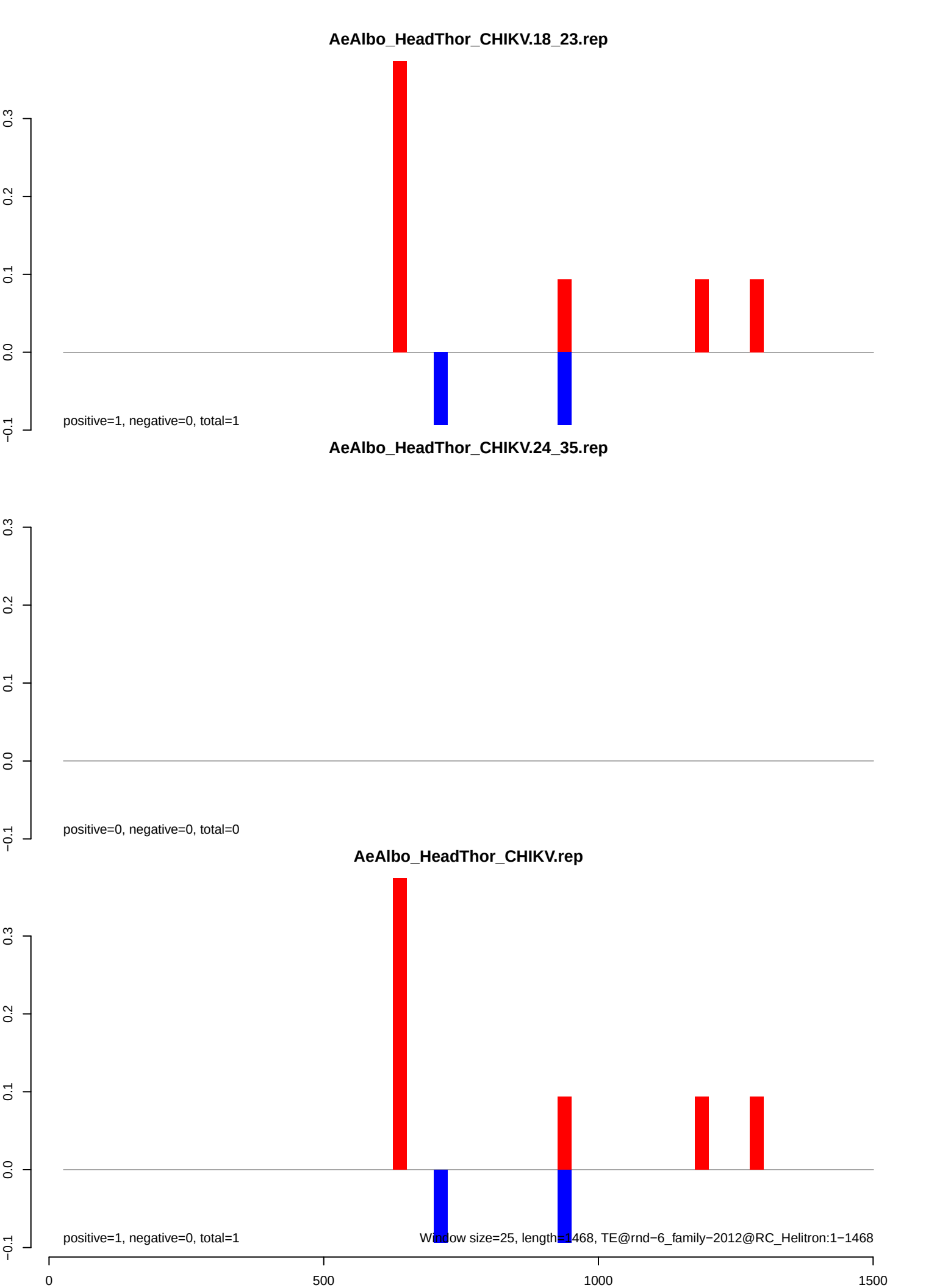

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=811, TE@rnd-6_family-2624@Unknown:1-811
0
200
400
600
800

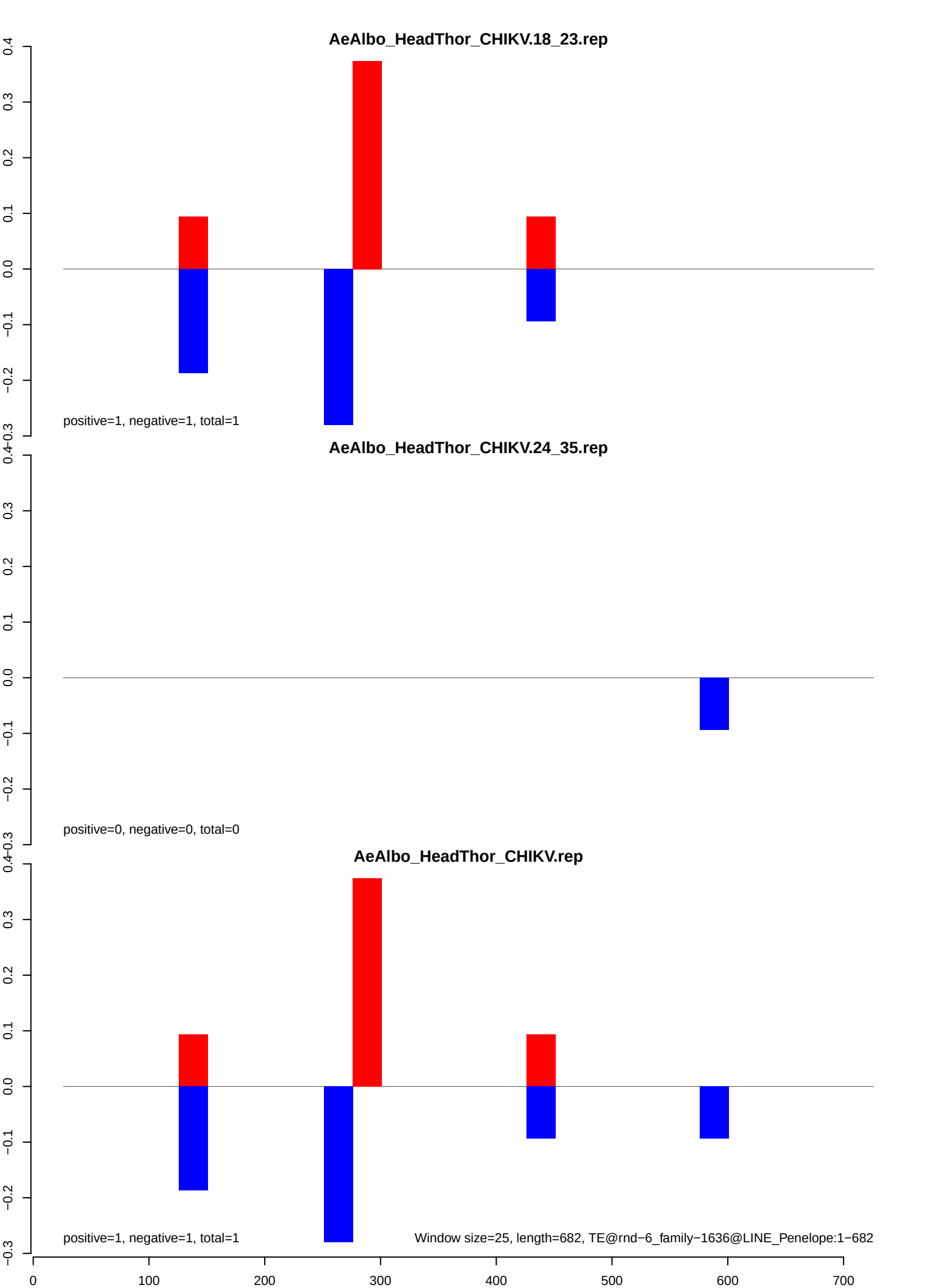

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=1271, TE@rnd−6_family−2373@LINE_CR1:1−1271
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800
1000
1200

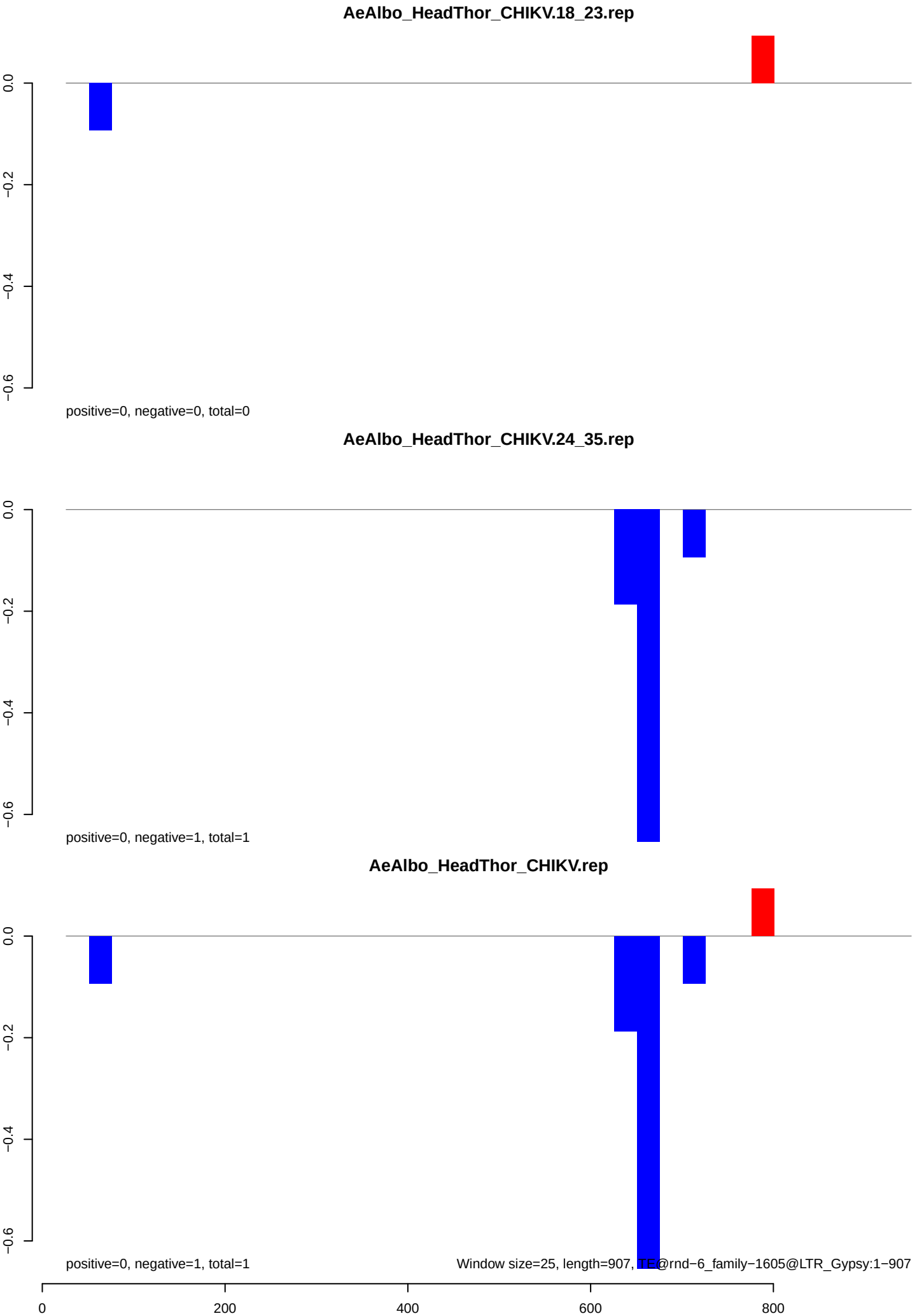

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1

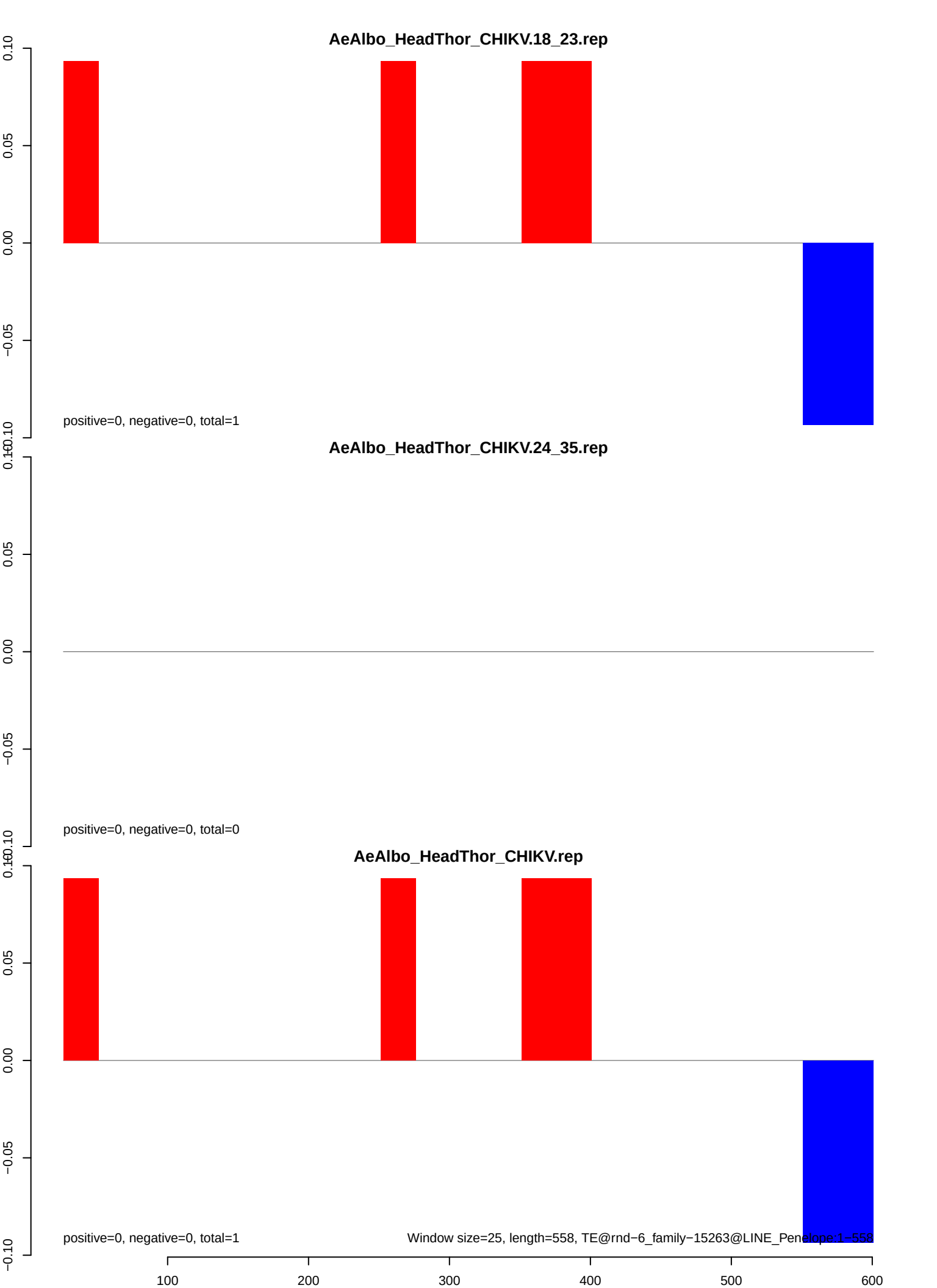

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

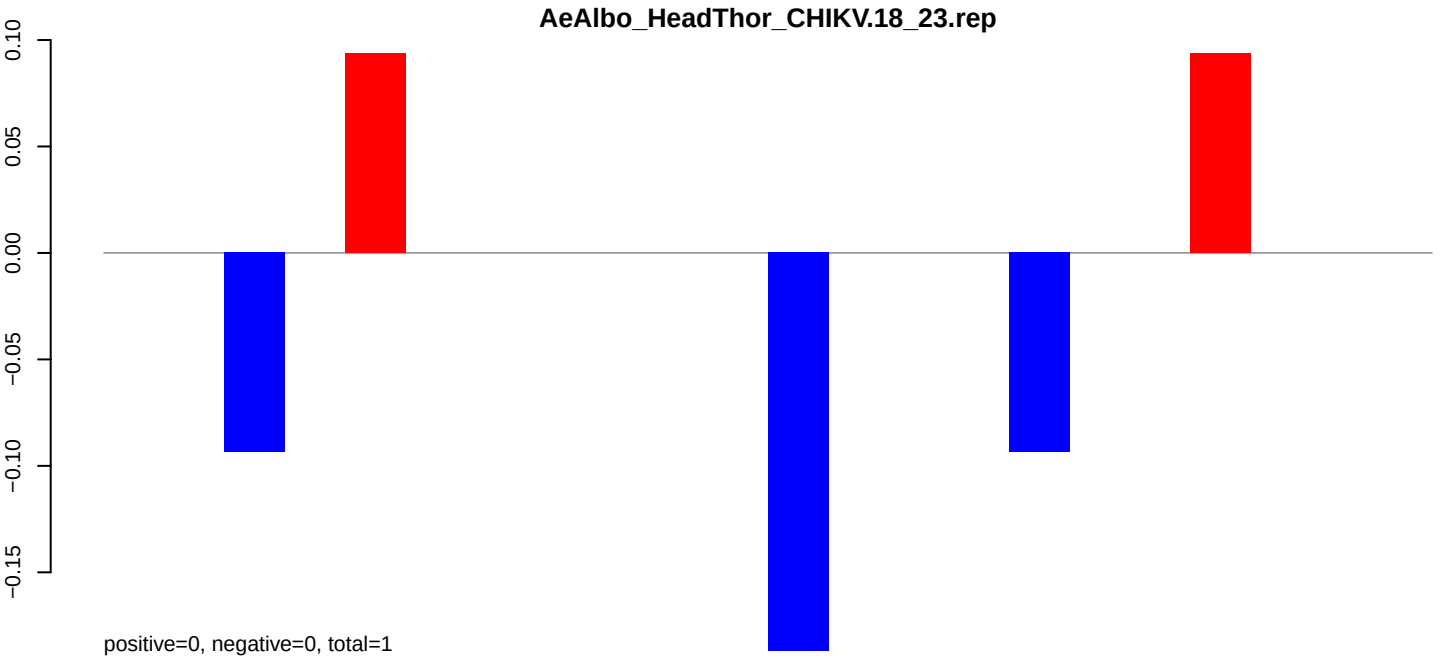

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=827, TE@rnd−6_family−2098@DNA:1−827
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1468, TE@rnd−6_family−2012@RC_Helitron:1−1468
0
500
1000
1500

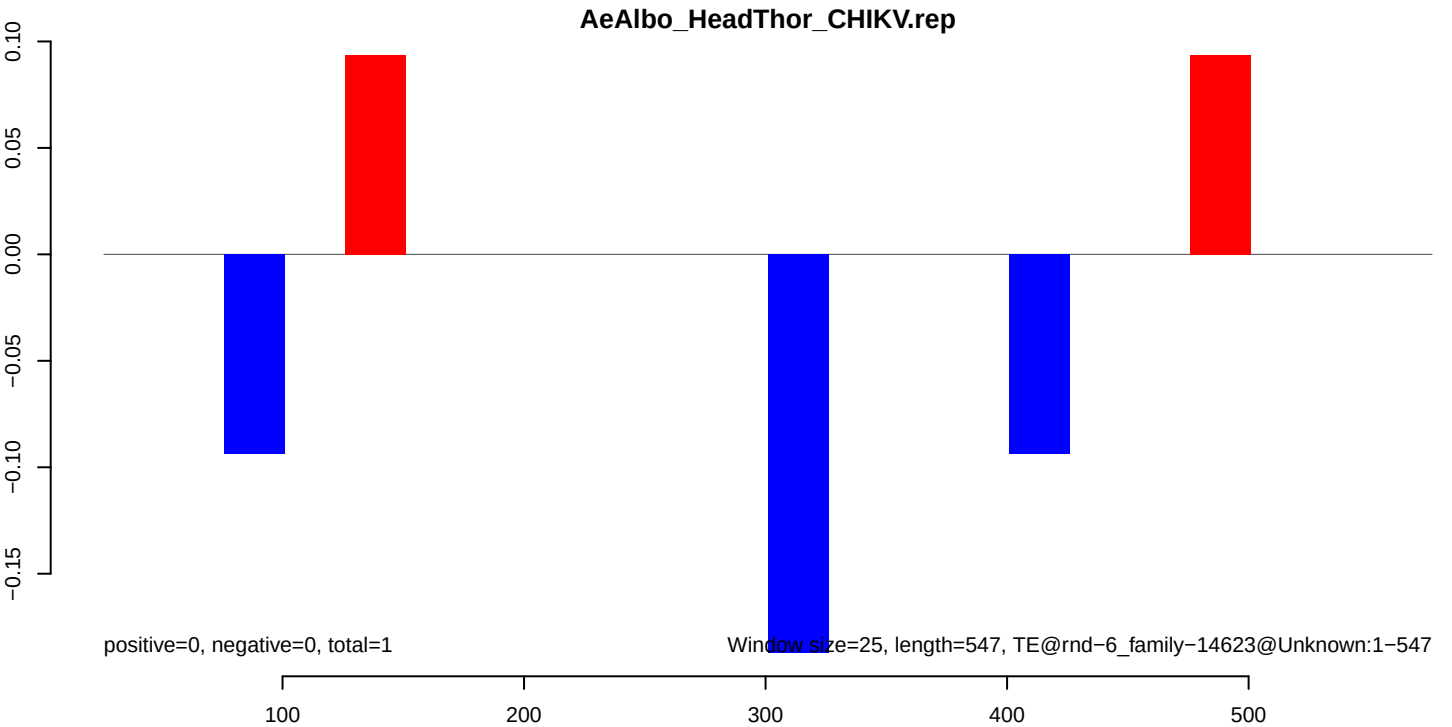

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=1, total=1
Window size=25, length=682, TE@rnd−6_family−1636@LINE_Penelope:1−682
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400
500
600
700

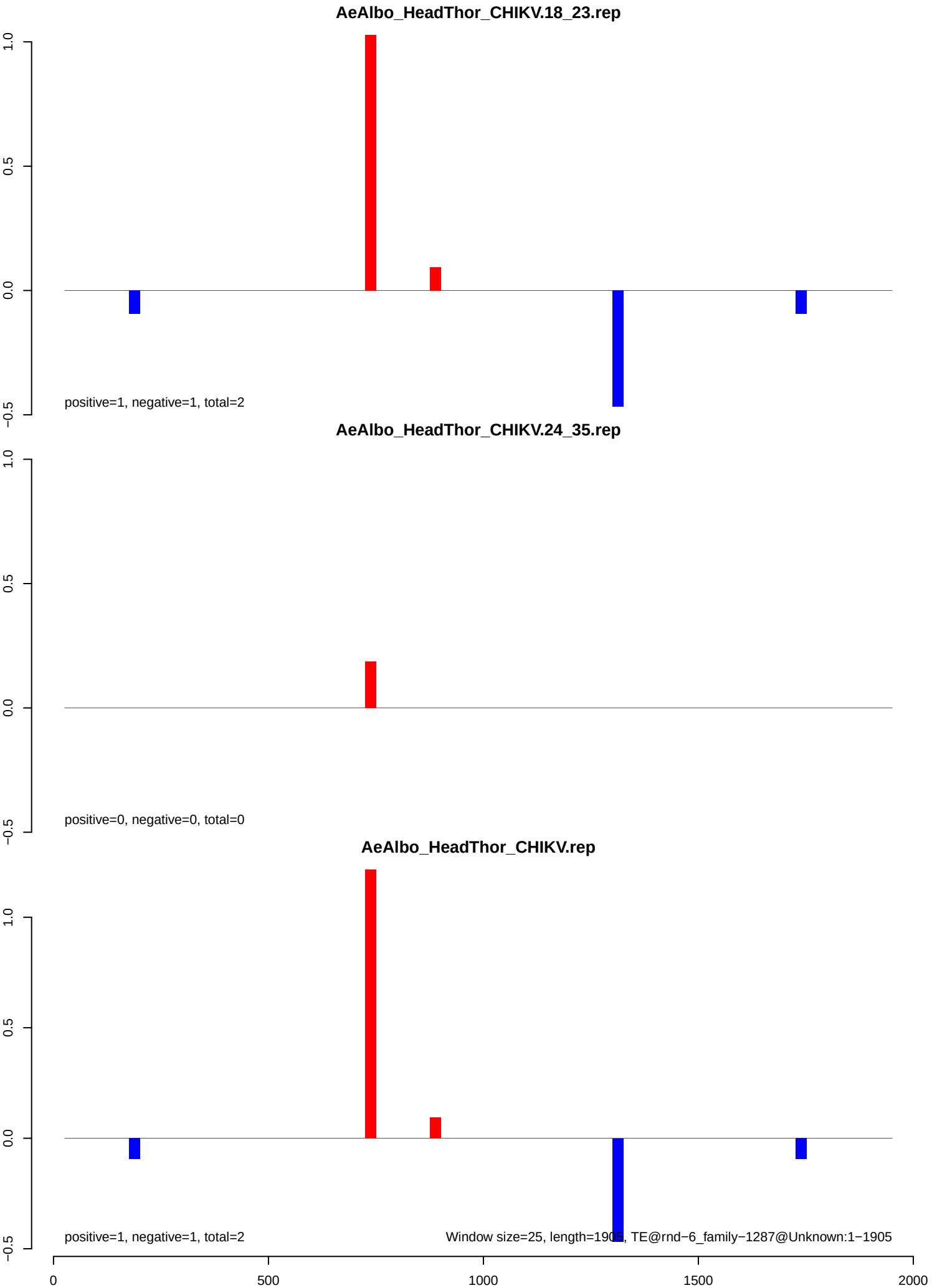

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=907, TE@rnd−6_family−1605@LTR_Gypsy:1−907
0
200
400
600
800

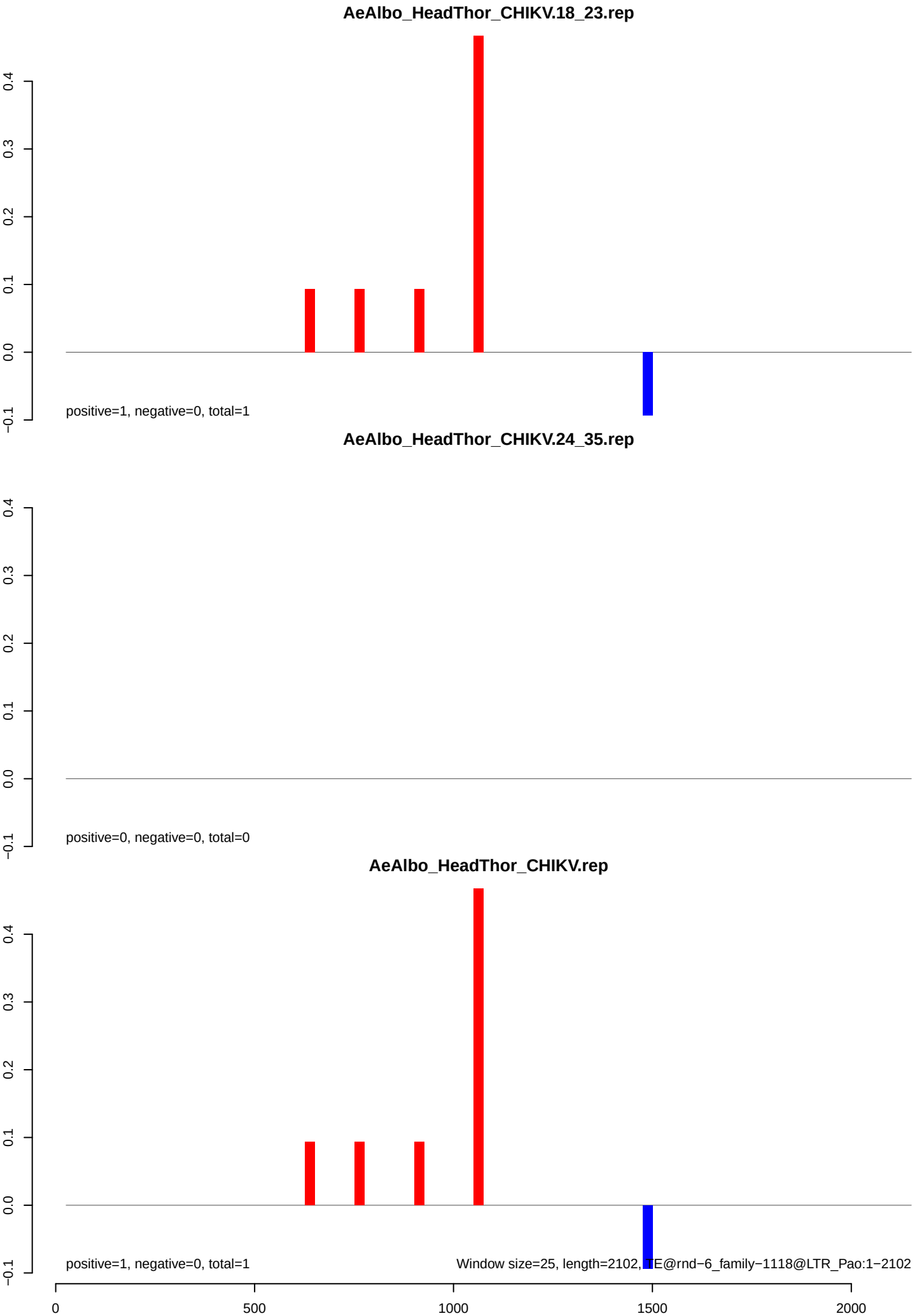

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=558, TE@rnd−6_family−15263@LINE_Penelope:1−558
100
200
300
400
500
600

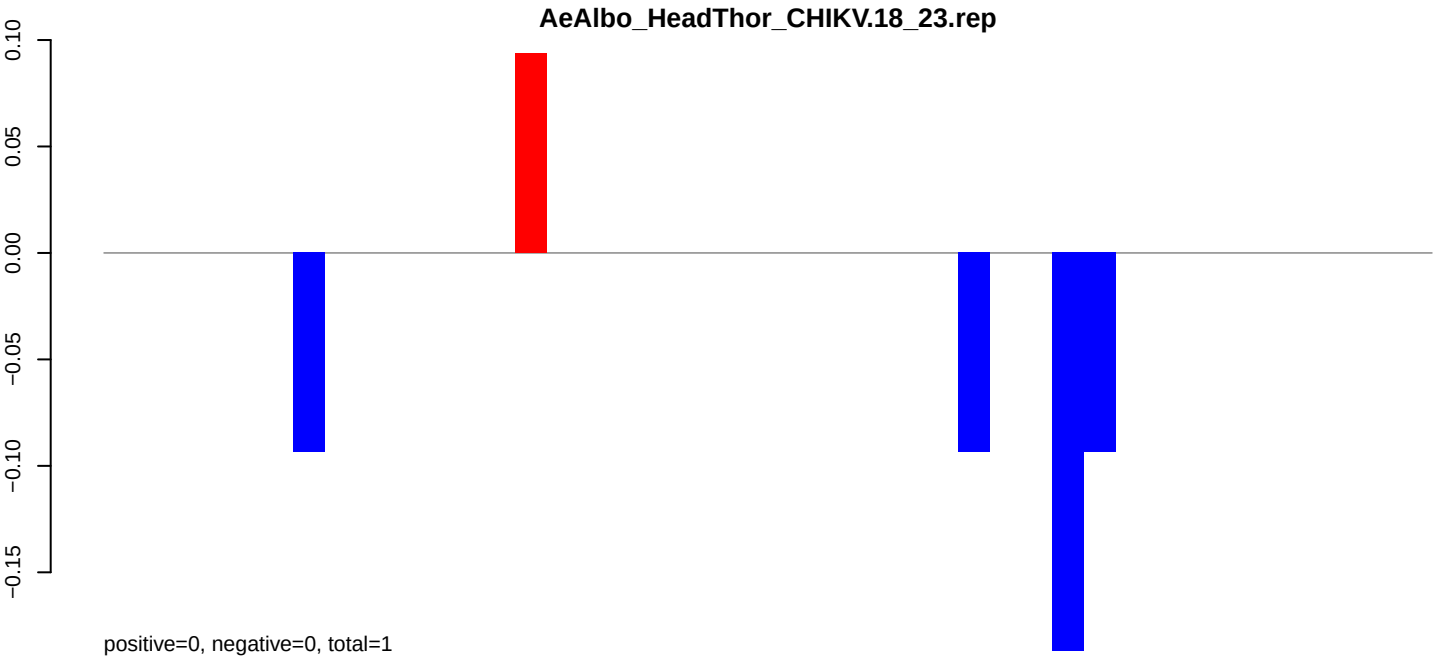

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

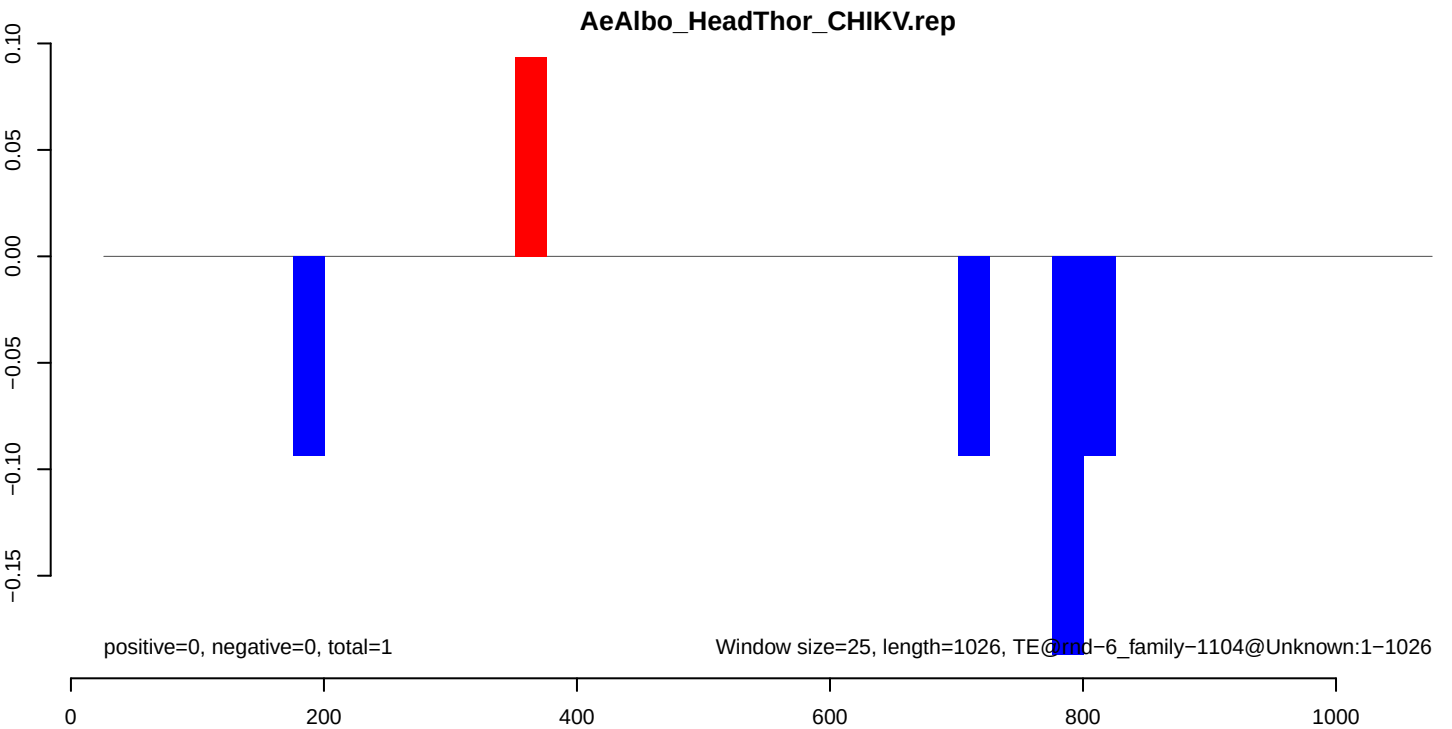

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=547, TE@rnd−6_family−14623@Unknown:1−547
100
200
300
400
500

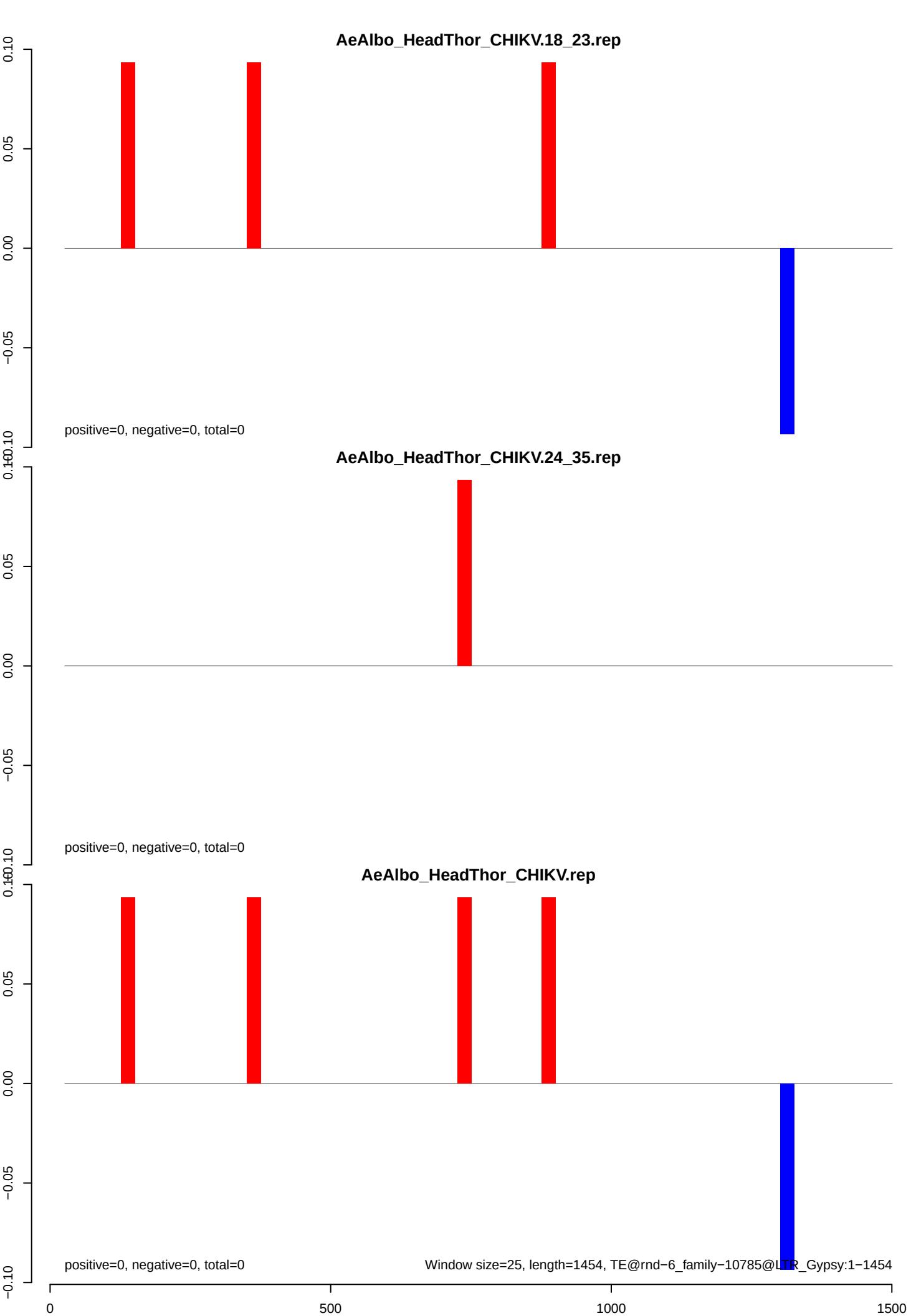

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=1, negative=1, total=2
Window size=25, length=1905, TE@rnd−6_family−1287@Unknown:1−1905
0
500
1000
1500
2000

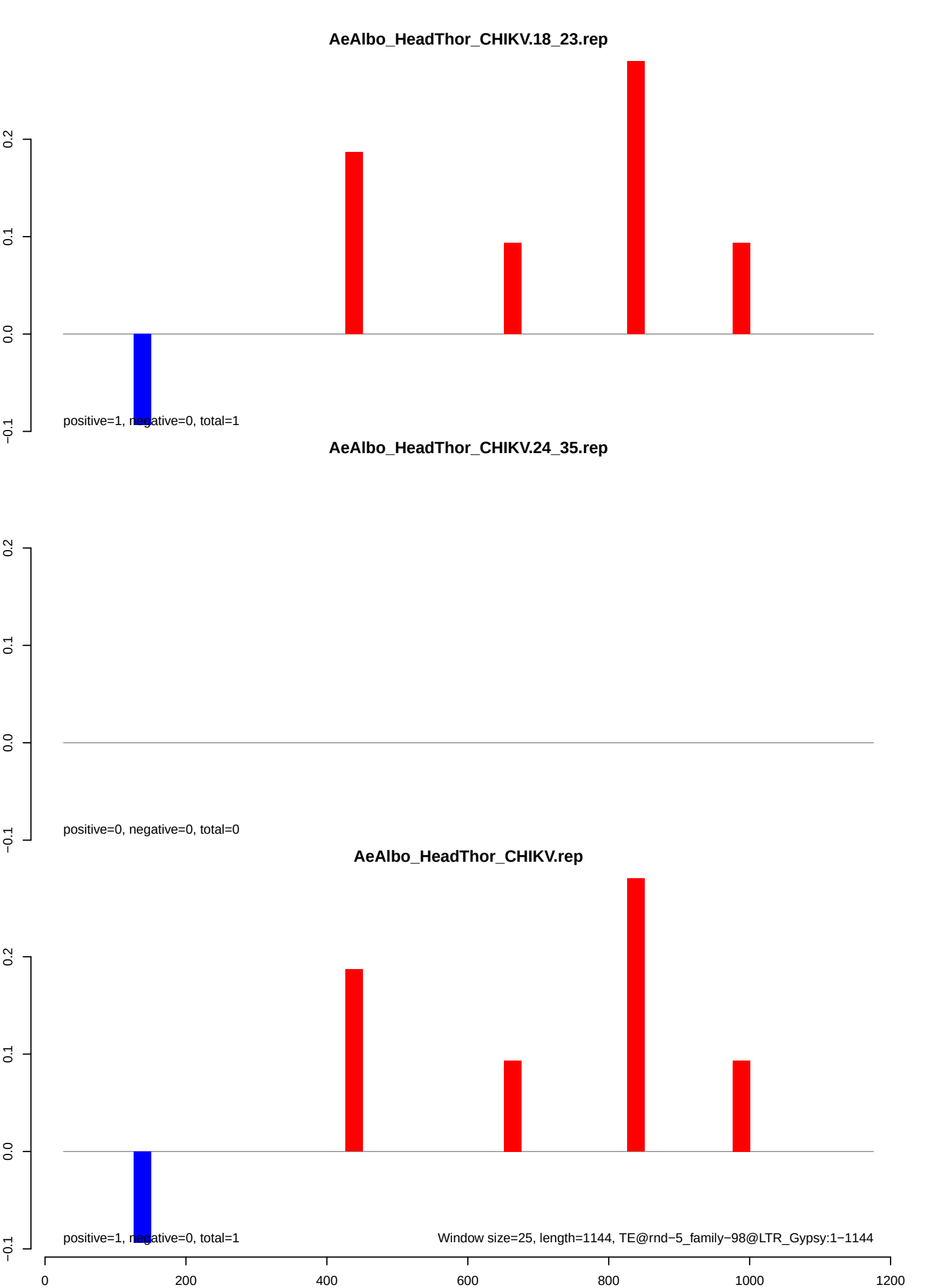

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=2102, TE@rnd−6_family−1118@LTR_Pao:1−2102
0
500
1000
1500
2000

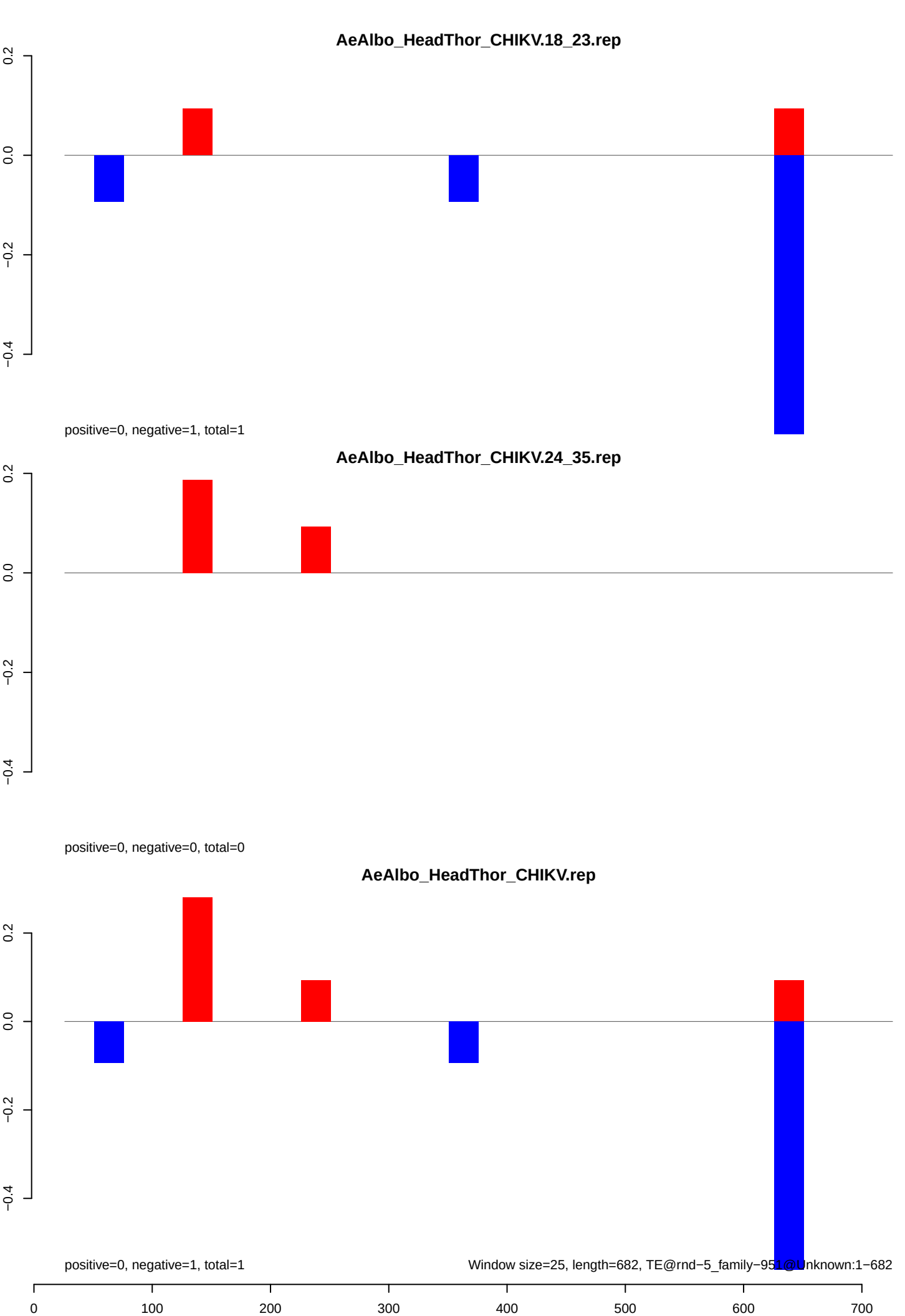

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

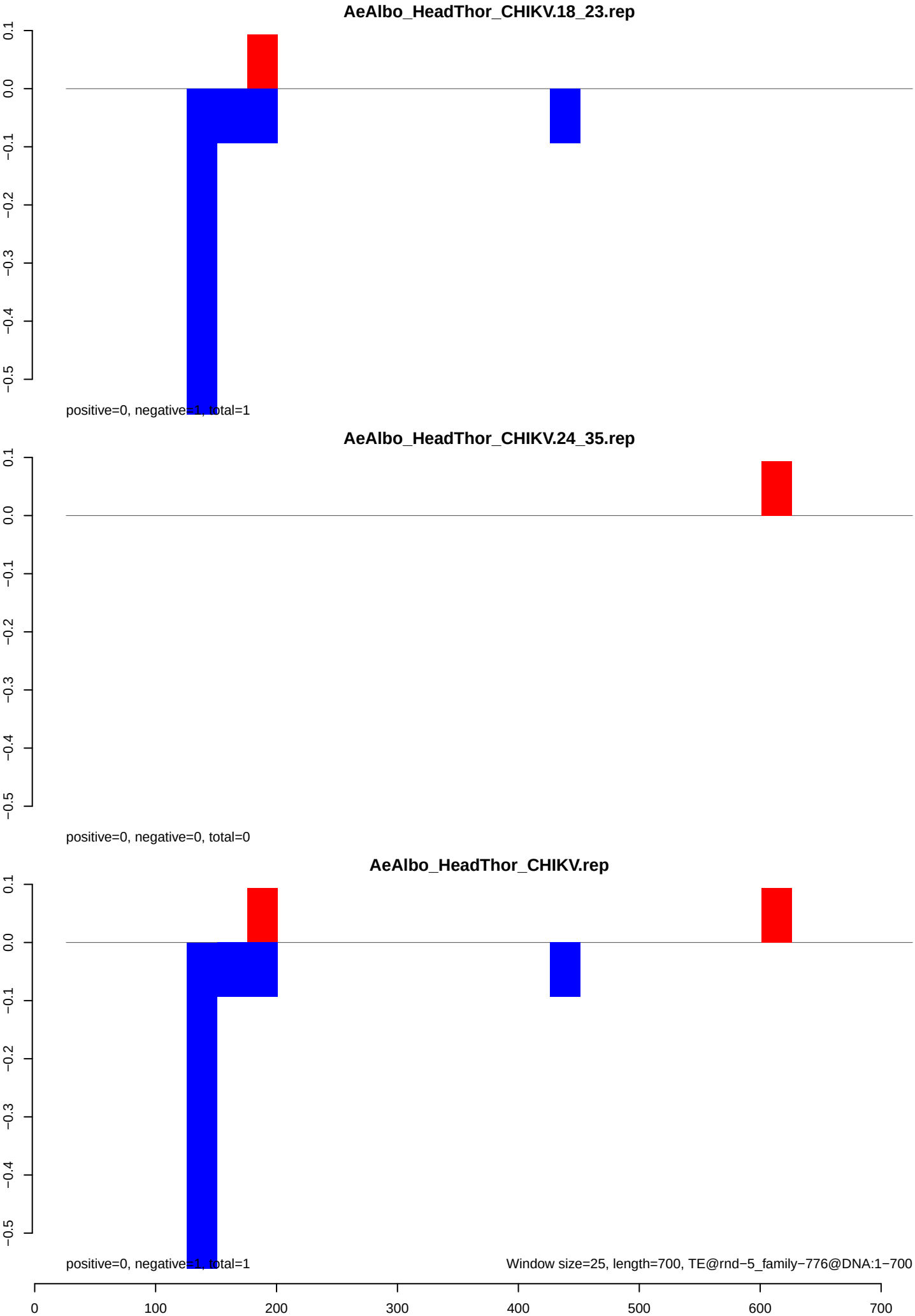
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

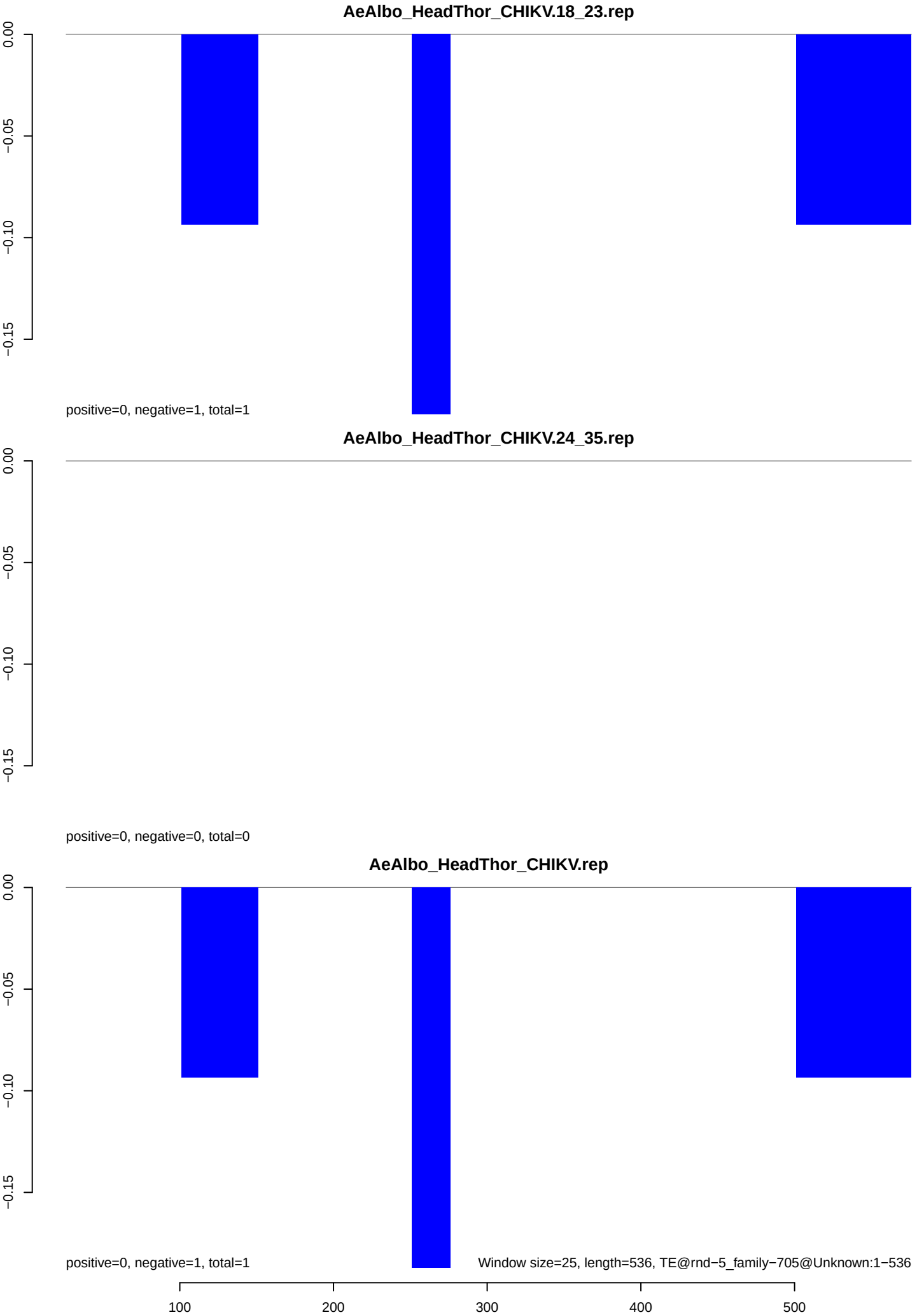

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1026, TE@rnd−6_family−1104@Unknown:1−1026
0
200
400
600
800
1000

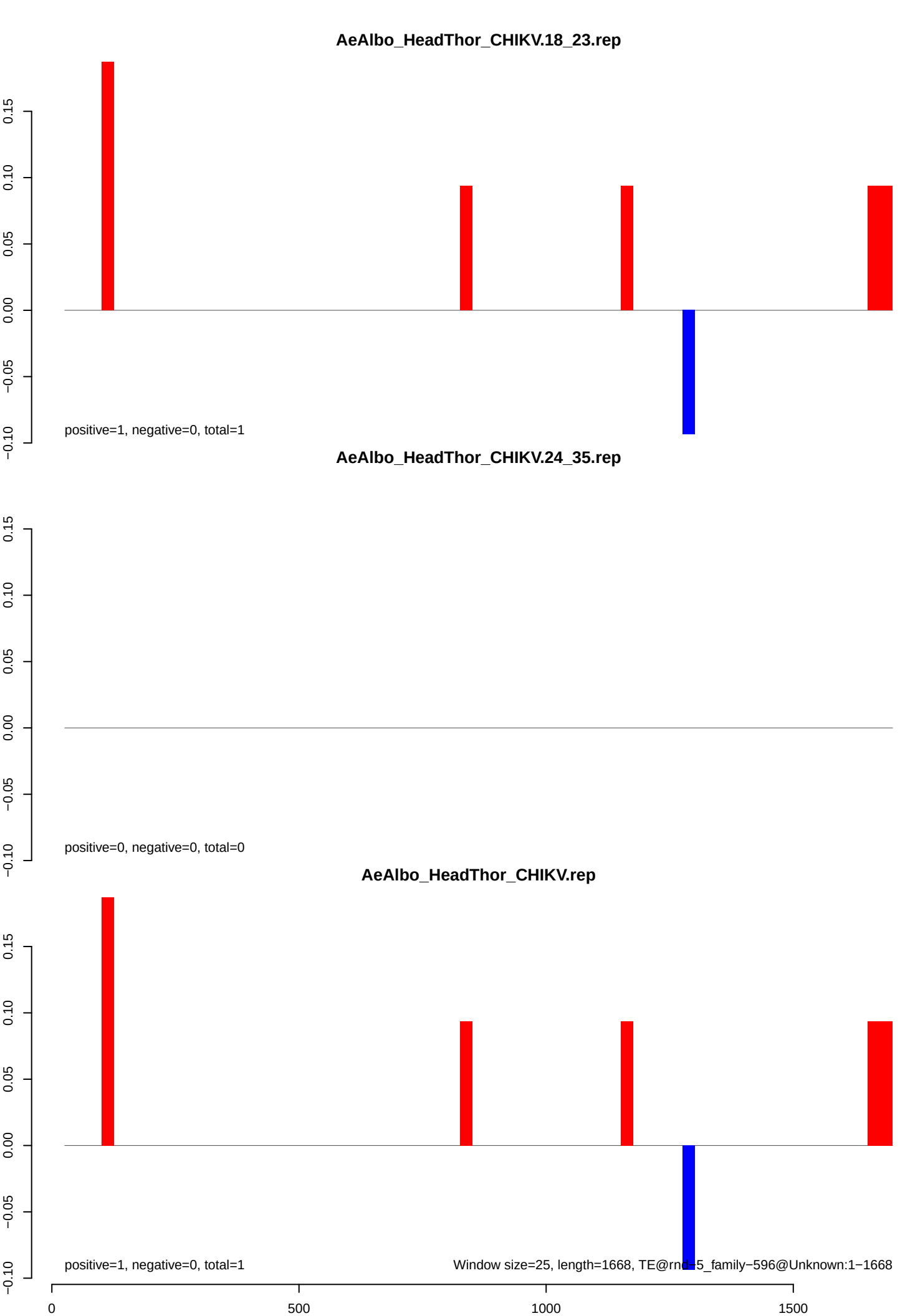

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1454, TE@rnd−6_family−10785@LTR_Gypsy:1−1454
0
500
1000
1500

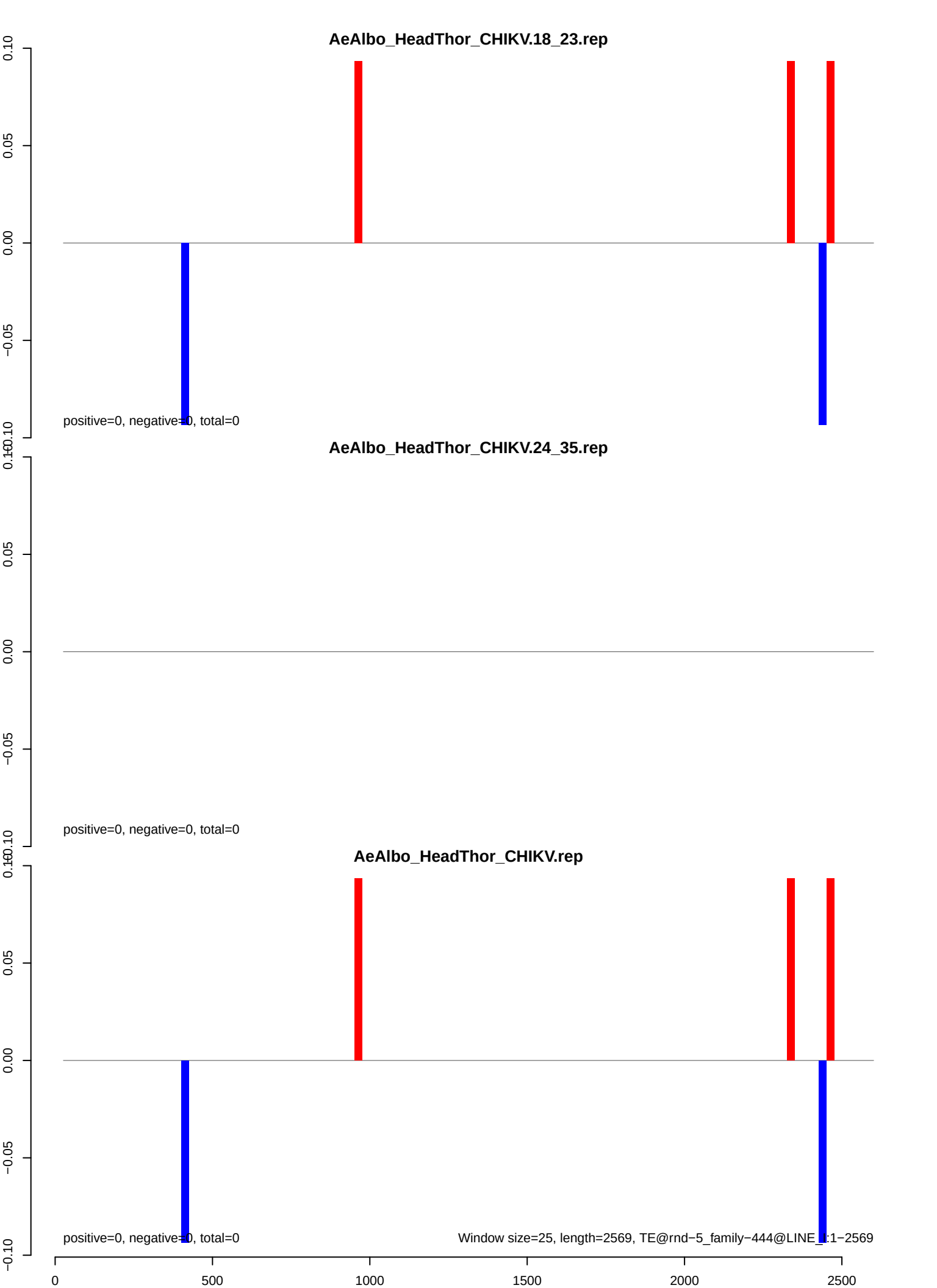

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1144, TE@rnd−5_family−98@LTR_Gypsy:1−1144
0
200
400
600
800
1000
1200

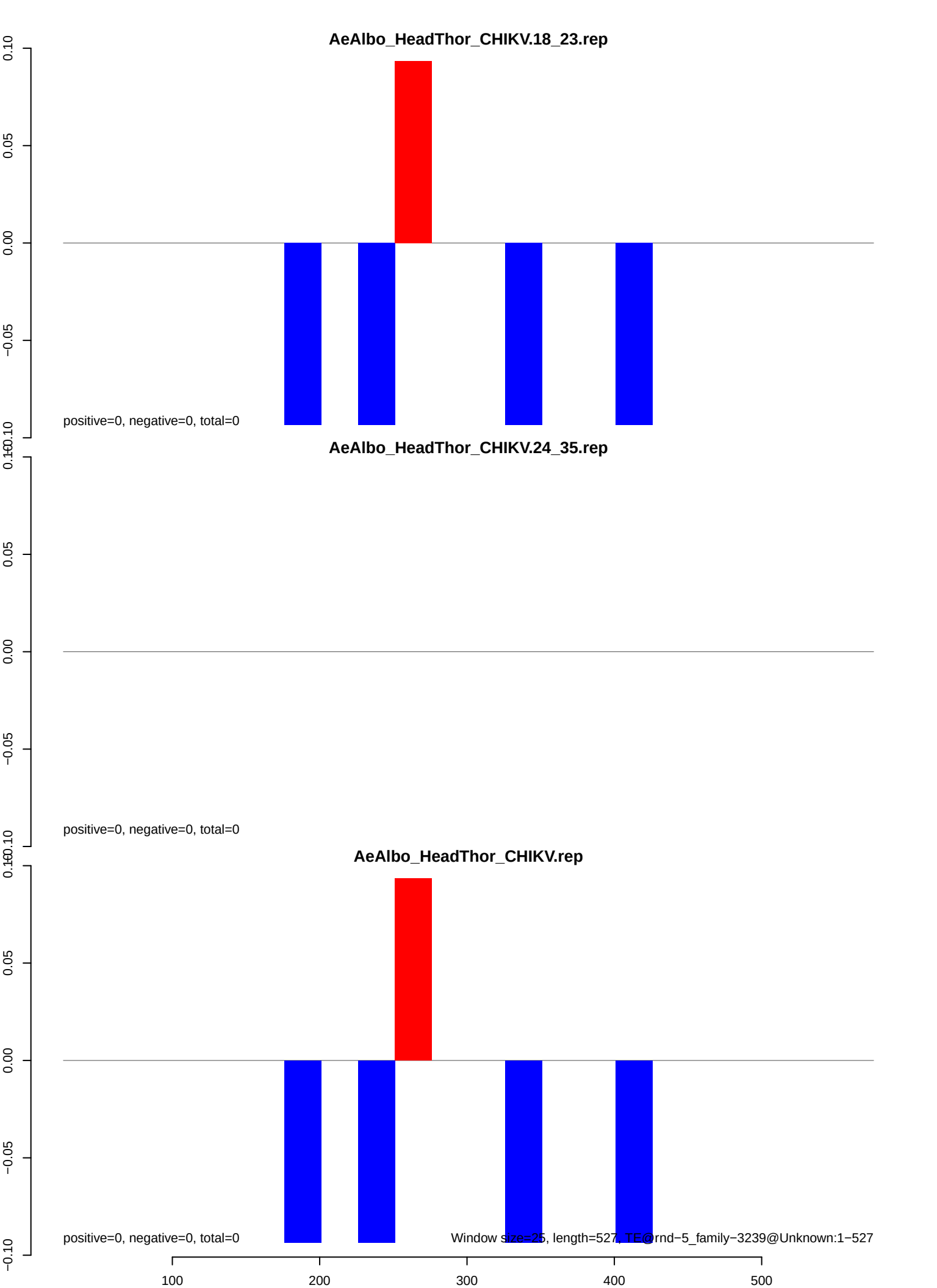

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
Window size=25, length=682, TE@rnd−5_family−951@Unknown:1−682
0
100
200
300
400
500
600
700

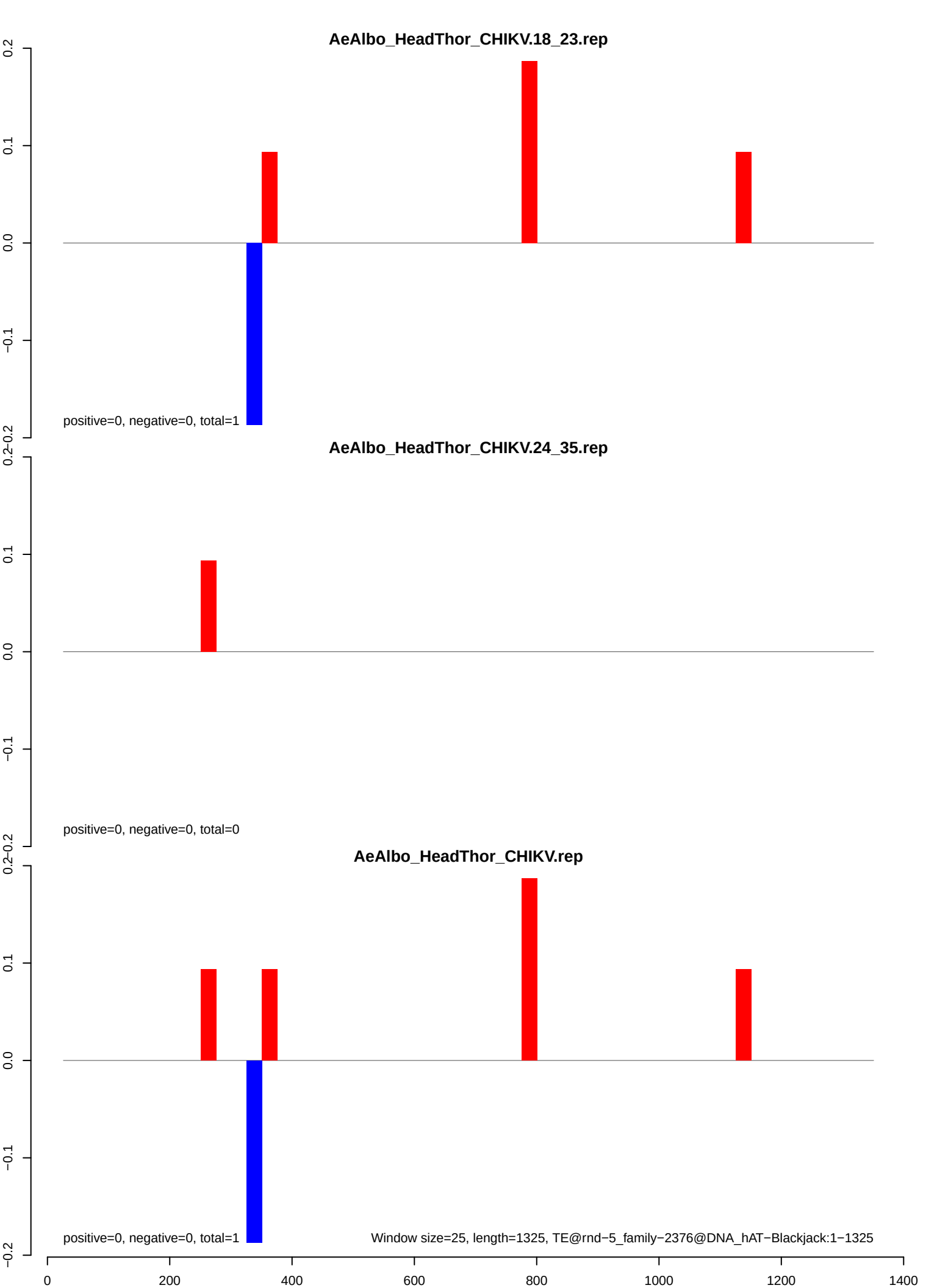

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
Window size=25, length=700, TE@rnd−5_family−776@DNA:1−700
0
100
200
300
400
500
600
700

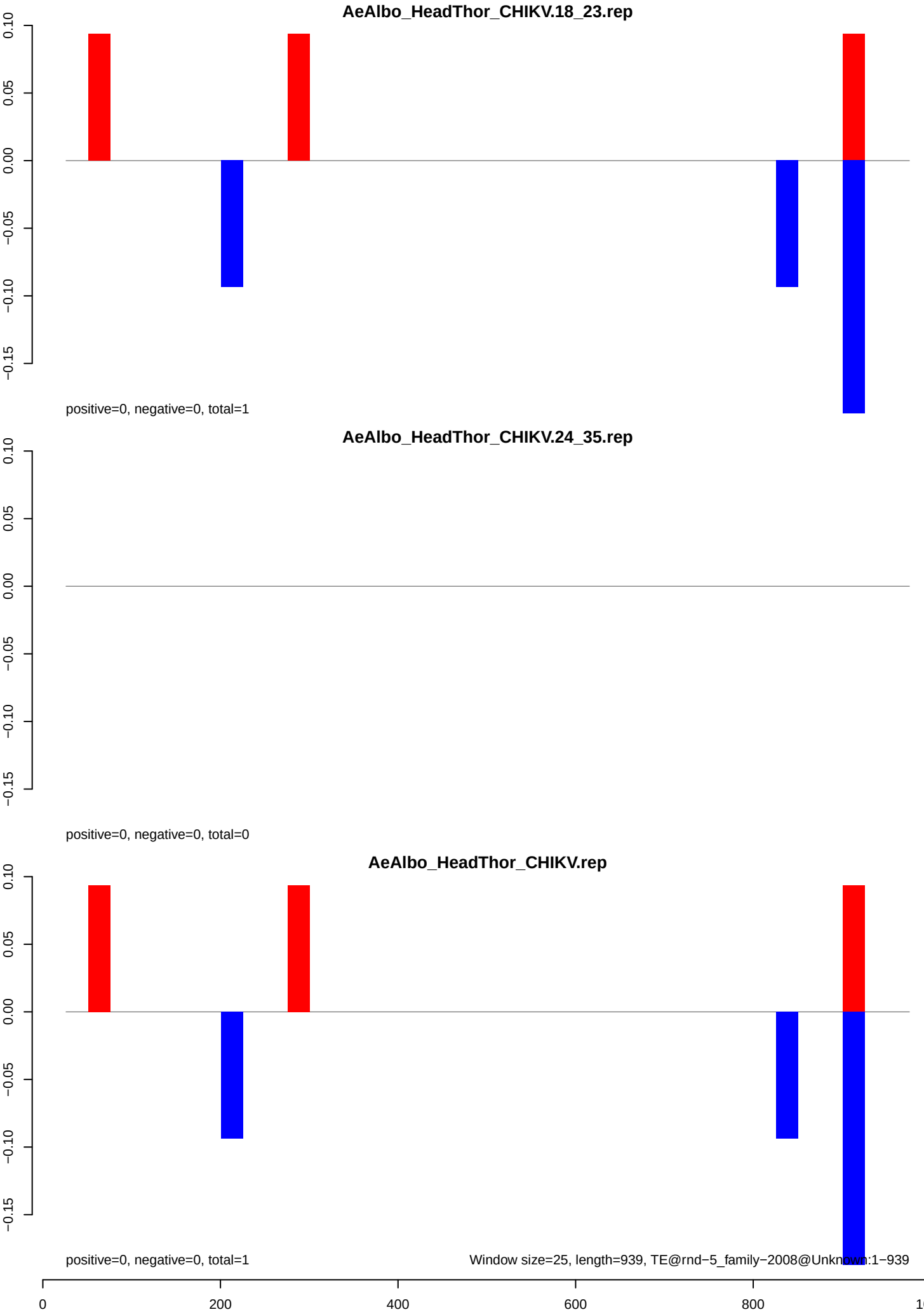

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=536, TE@rnd−5_family−705@Unknown:1−536
100
200
300
400
500

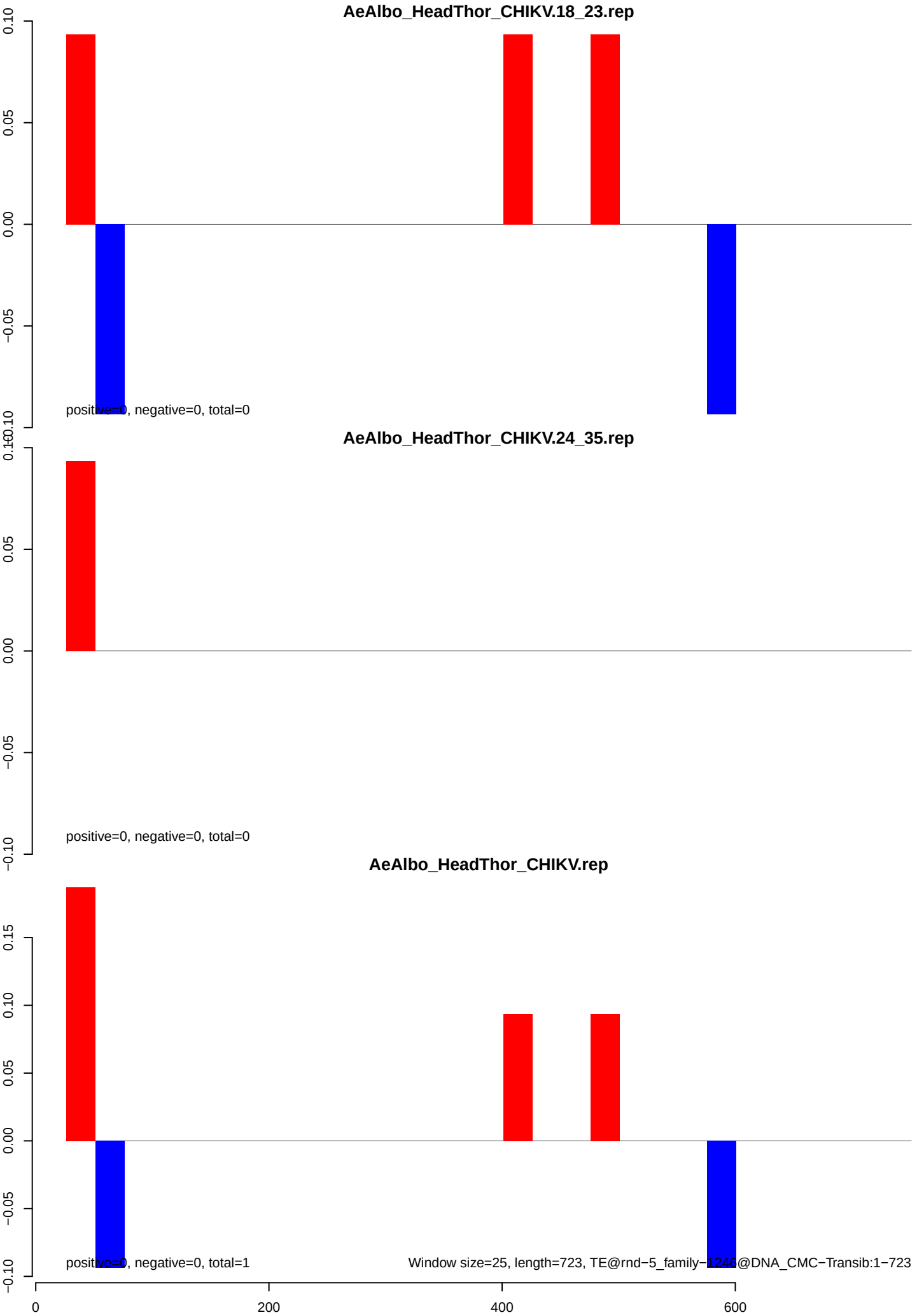

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=1668, TE@rnd−5_family−596@Unknown:1−1668
0
500
1000
1500

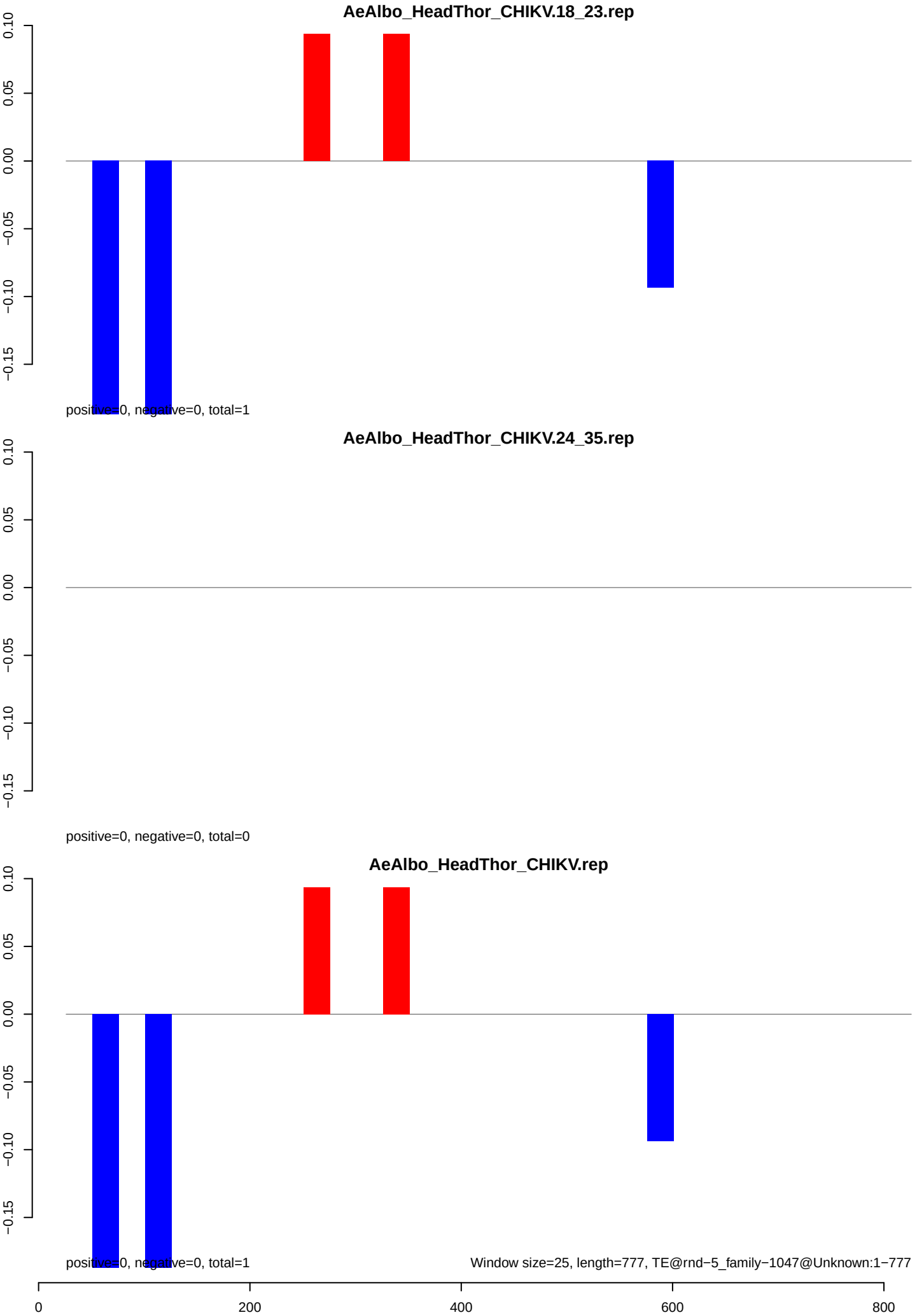

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=2569, TE@rnd−5_family−444@LINE_1:1−2569
0
500
1000
1500
2000
2500

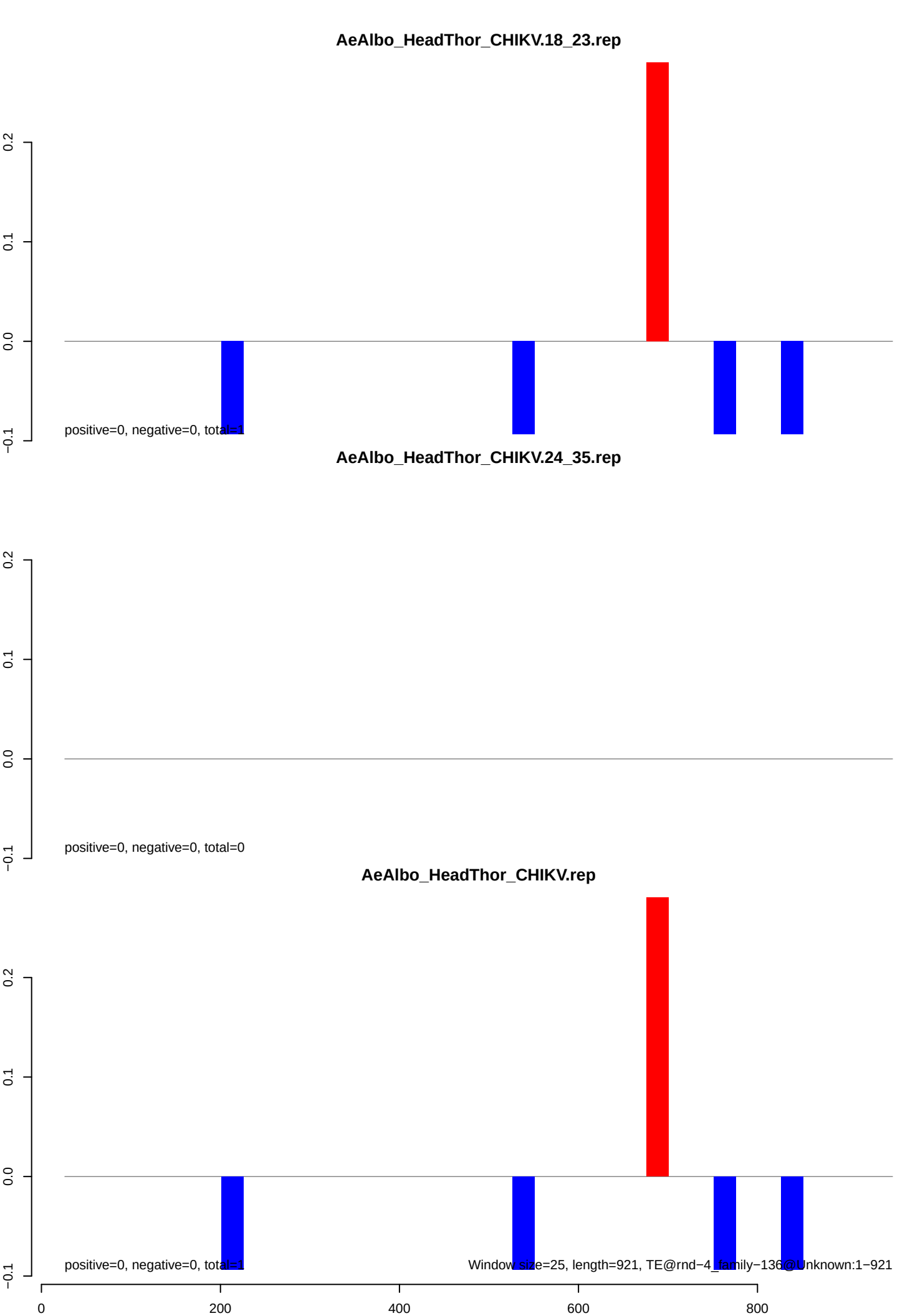

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=527, TE@rnd−5_family−3239@Unknown:1−527
100
200
300
400
500

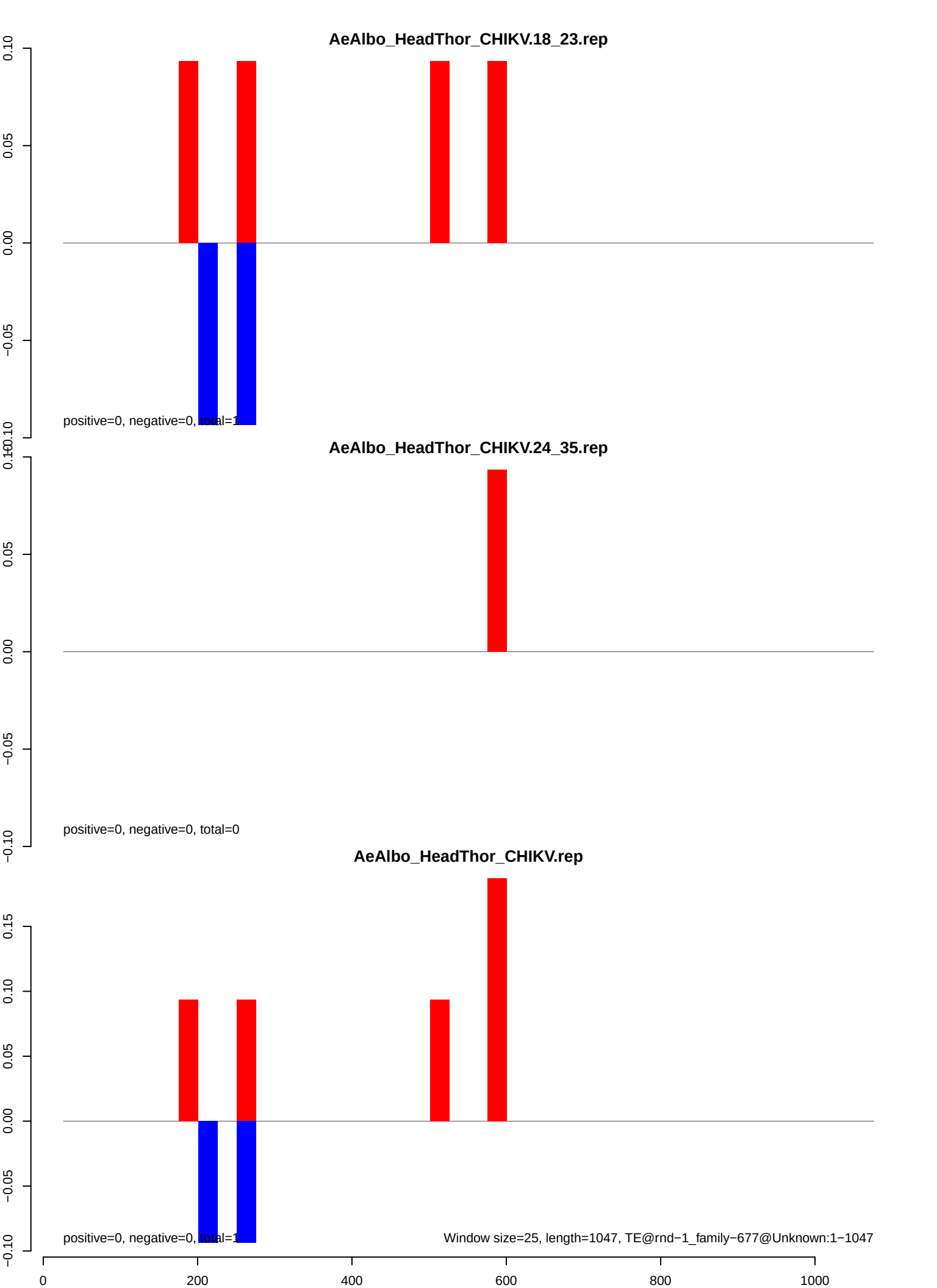

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=1325, TE@rnd−5_family−2376@DNA_hAT−Blackjack:1−1325
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000
1200
1400

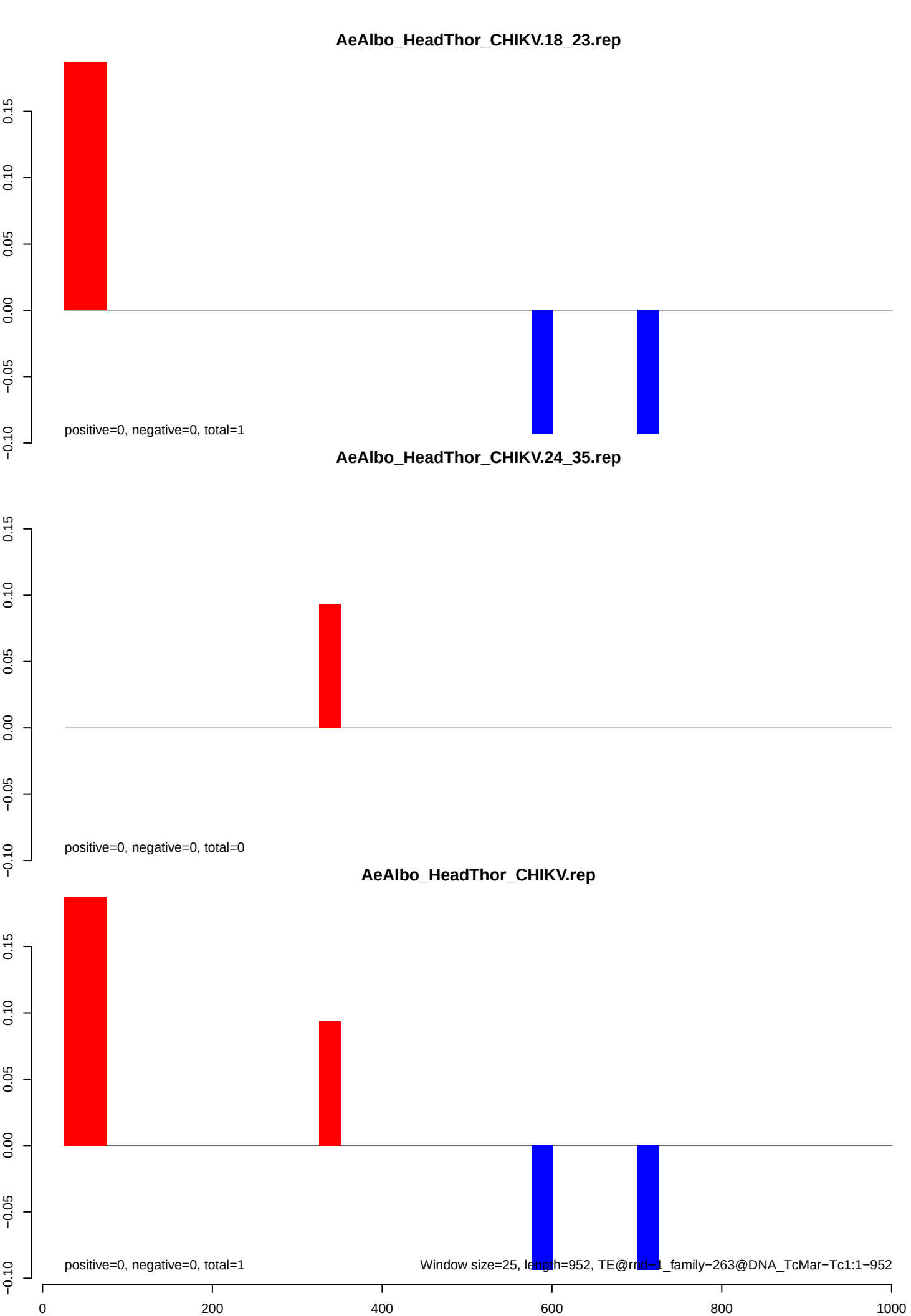

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=939, TE@rnd−5_family−2008@Unknown:1−939
0
200
400
600
800
1000

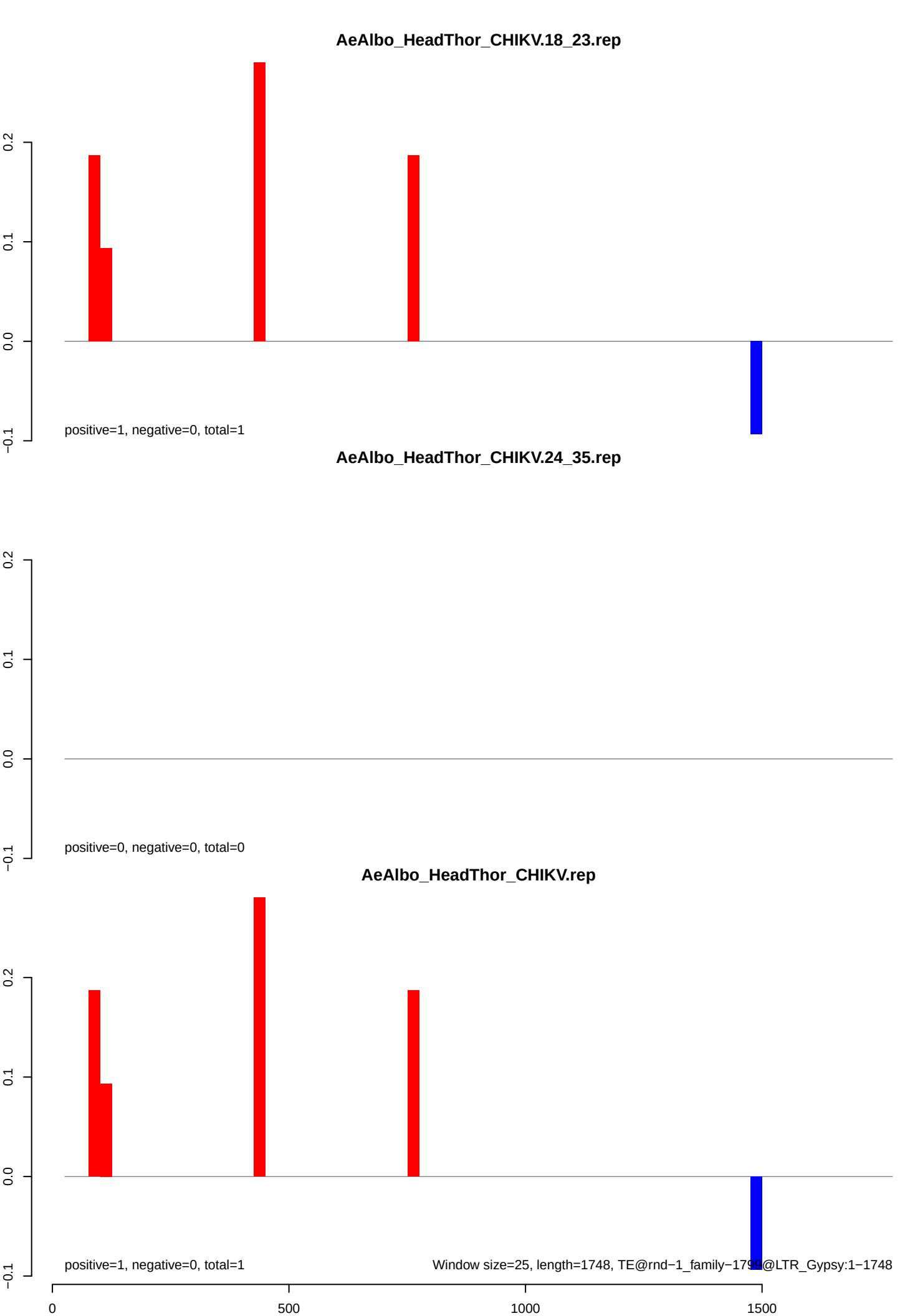

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=723, TE@rnd−5_family−1246@DNA_CMC−Transib:1−723
0
200
400
600

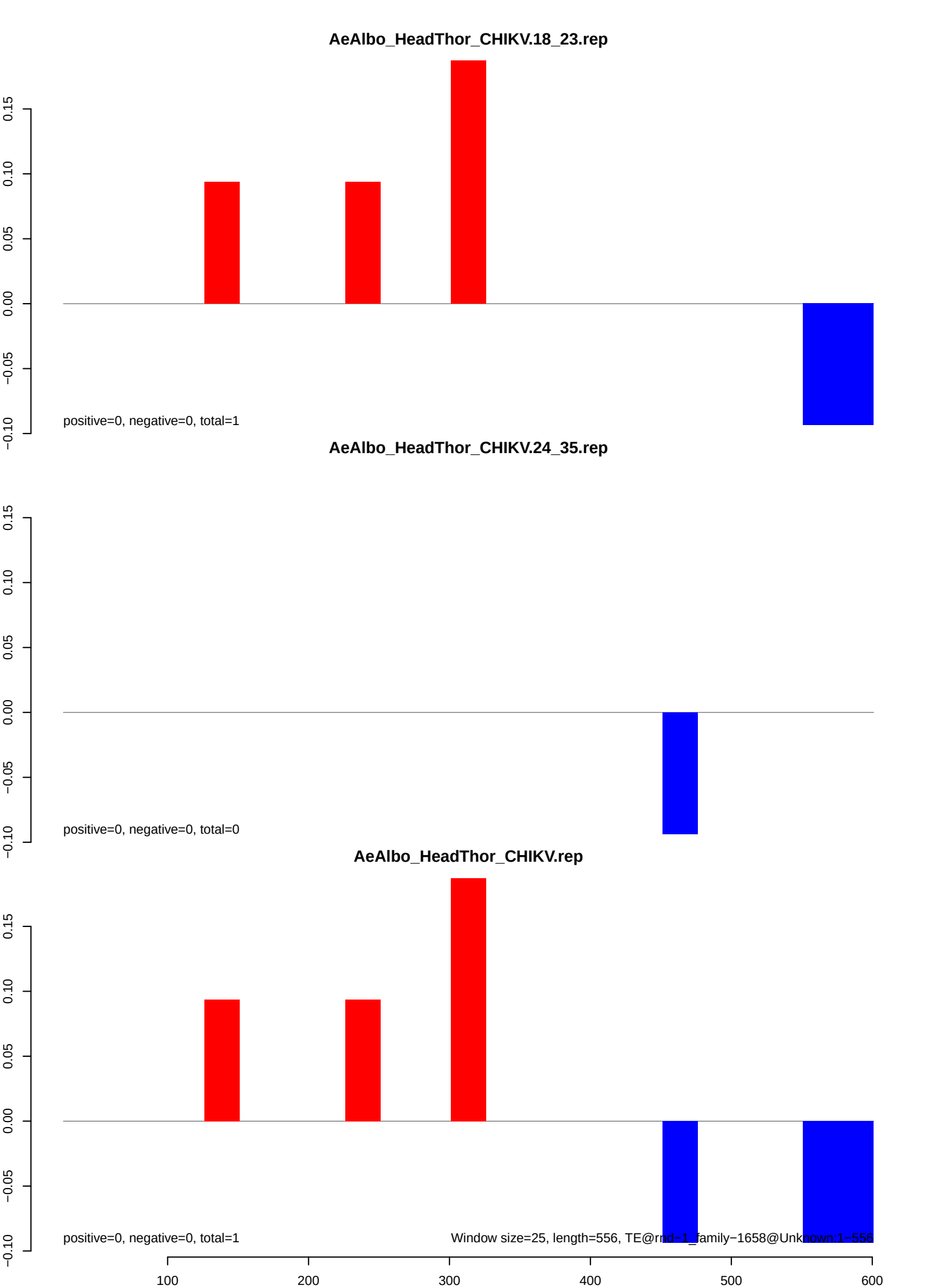

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=777, TE@rnd−5_family−1047@Unknown:1−777
0
200
400
600
800

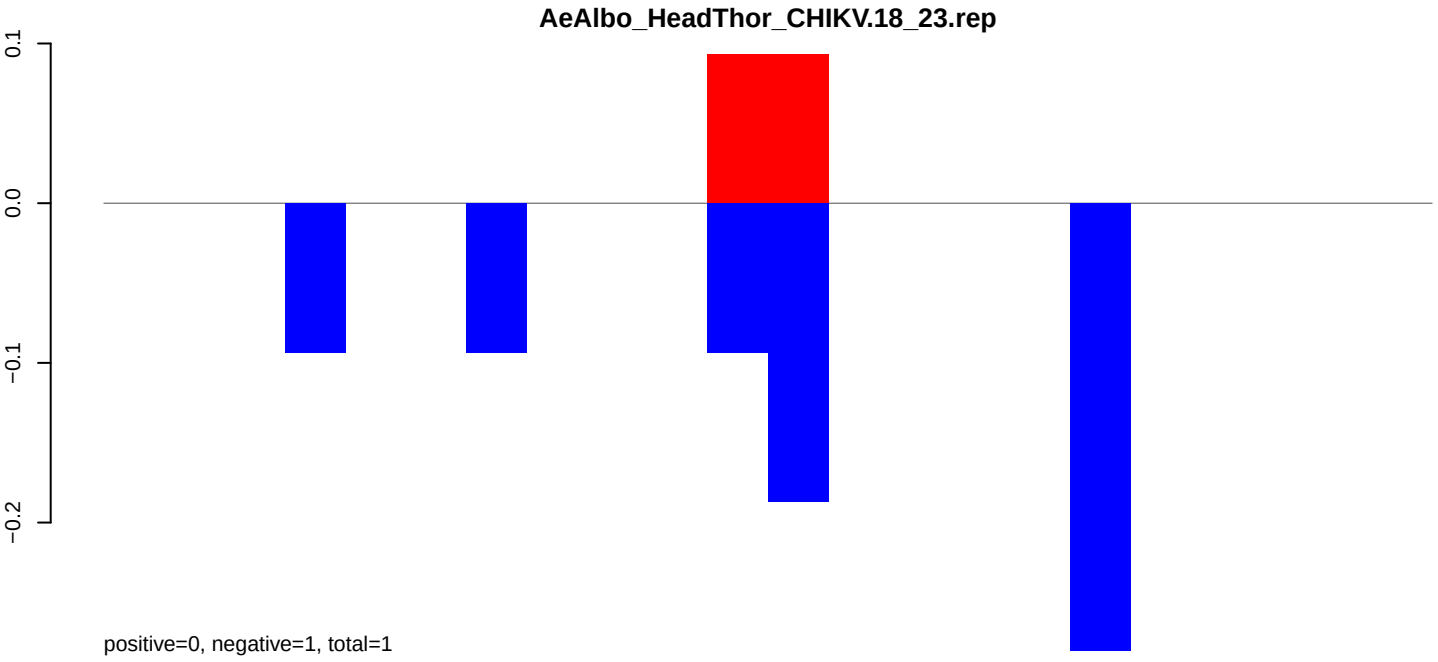

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=921, TE@rnd−4_family−136@Unknown:1−921
0
200
400
600
800

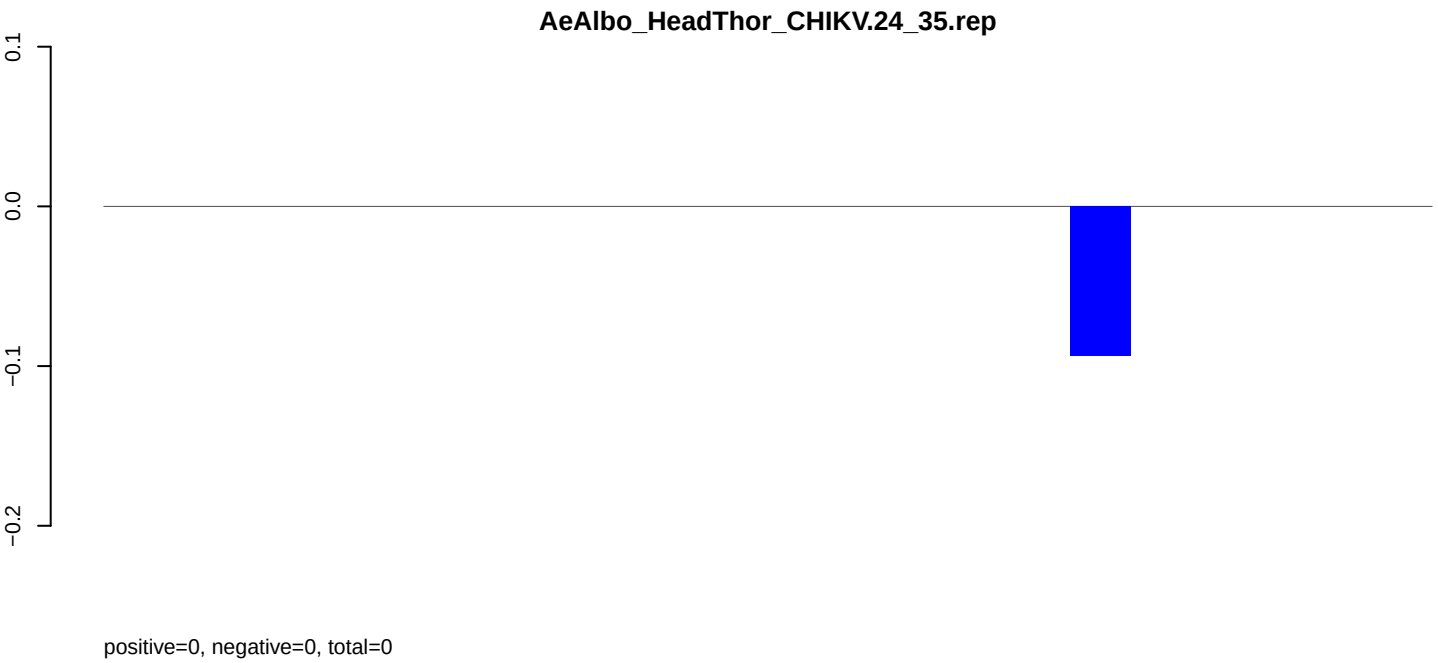

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1047, TE@rnd−1_family−677@Unknown:1−1047
0
200
400
600
800
1000

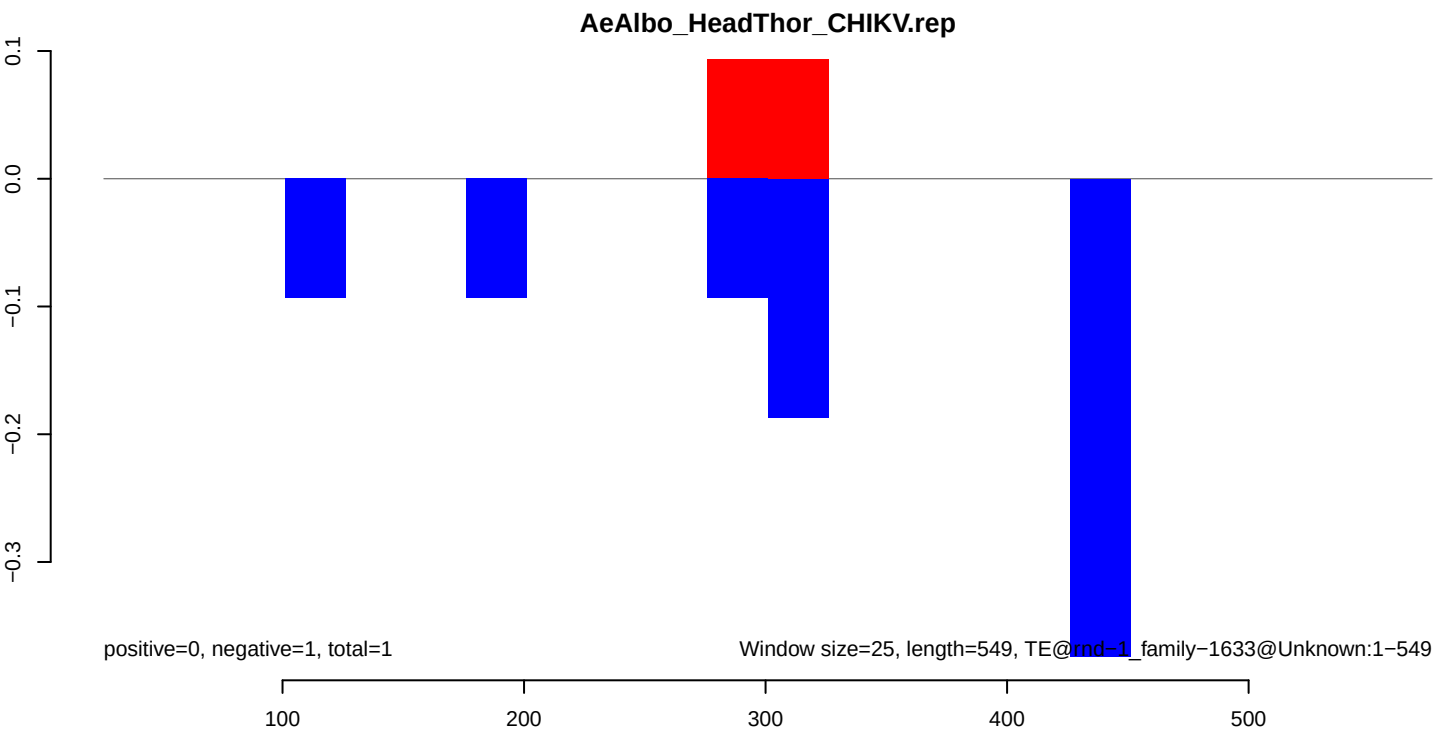

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=952, TE@rnd−1_family−263@DNA_TcMar−Tc1:1−952
0
200
400
600
800
1000

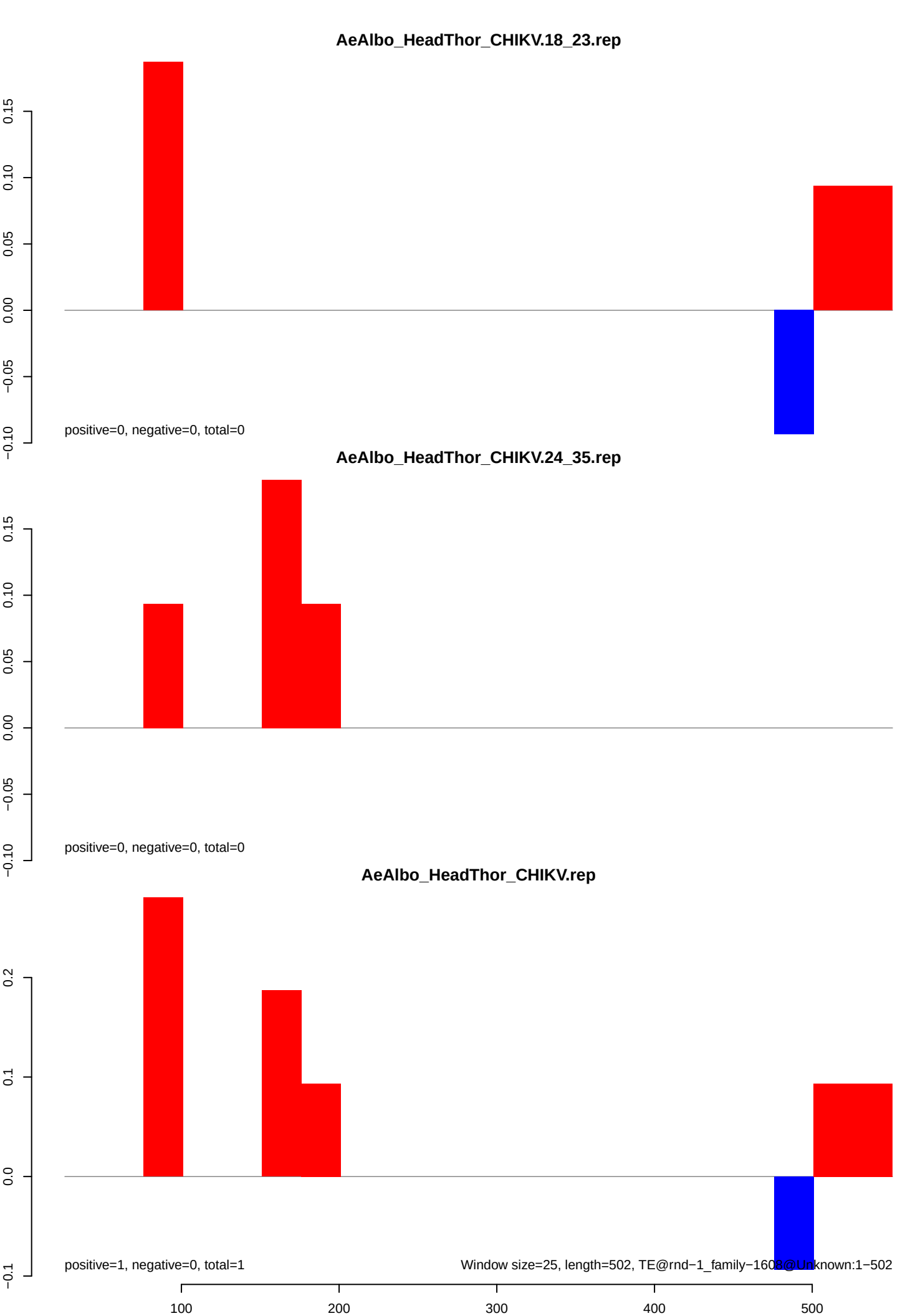

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1748, TE@rnd−1_family−1799@LTR_Gypsy:1−1748
0
500
1000
1500

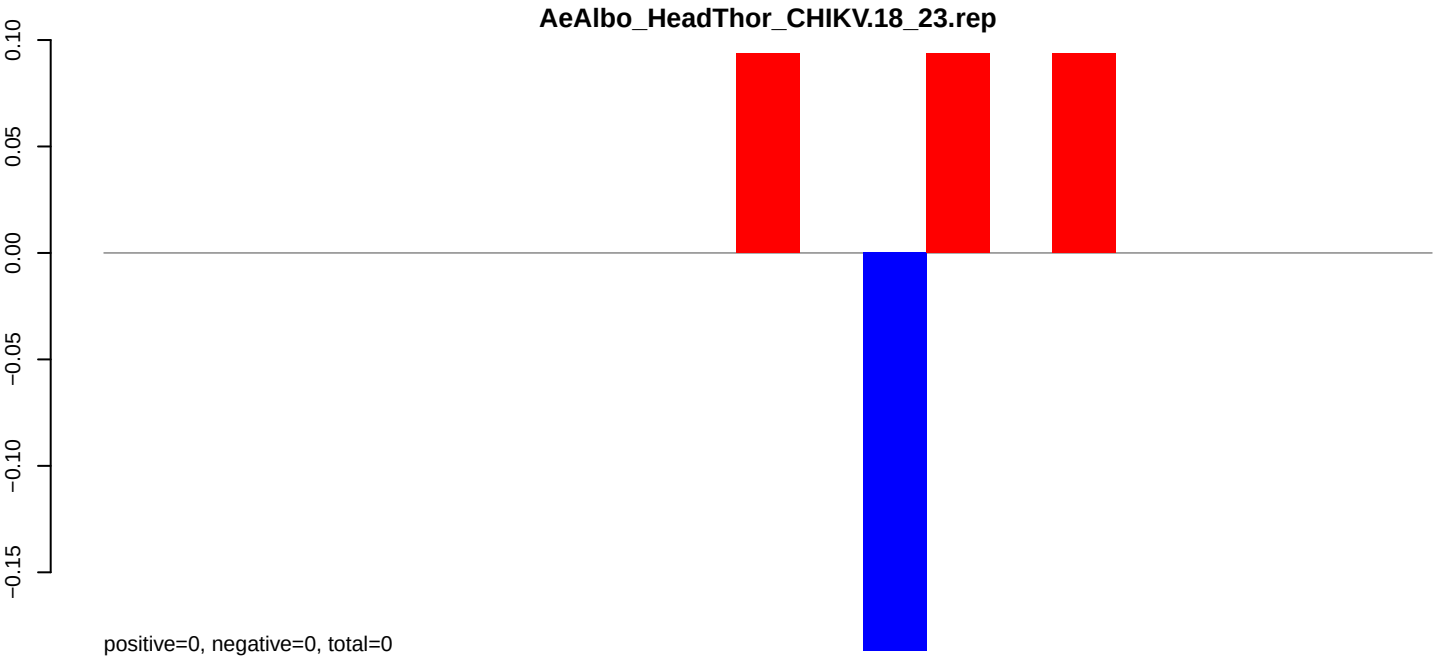

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=556, TE@rnd−1_family−1658@Unknown:1−556
100
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

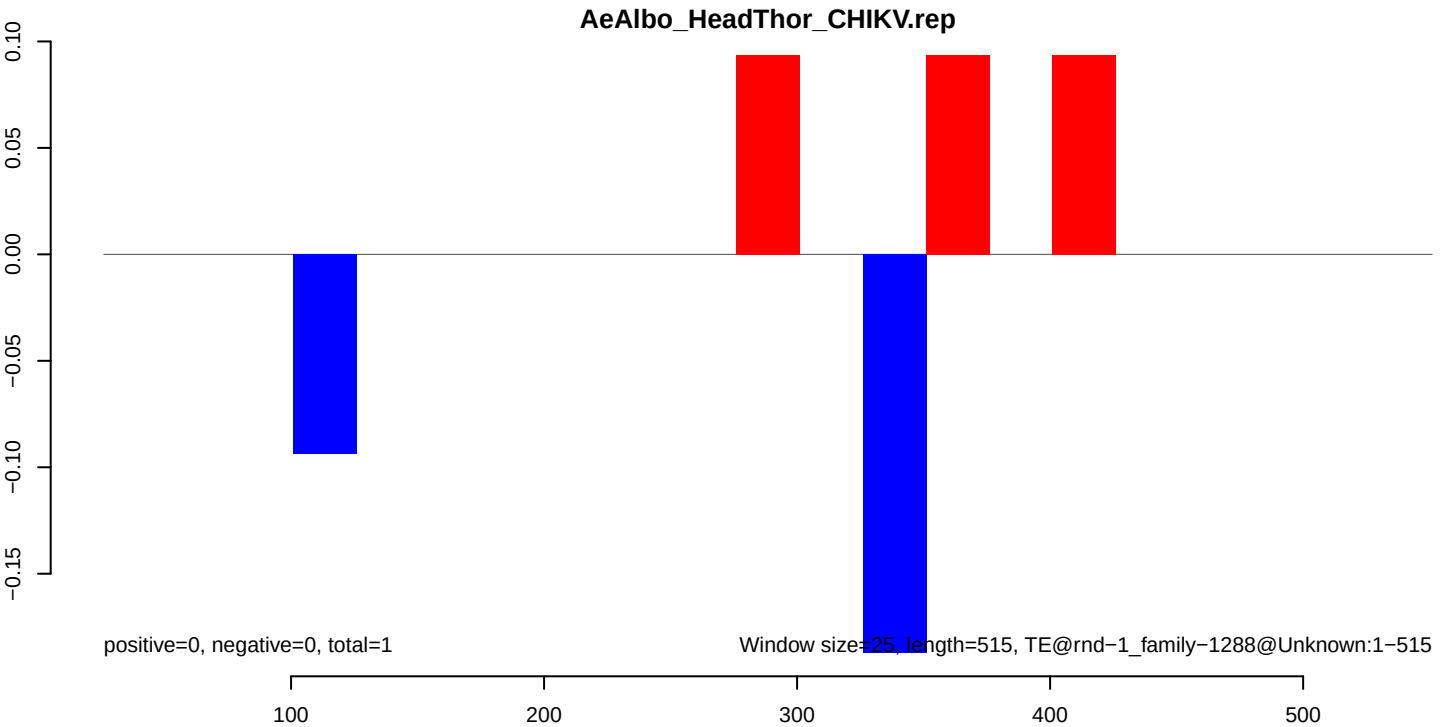

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

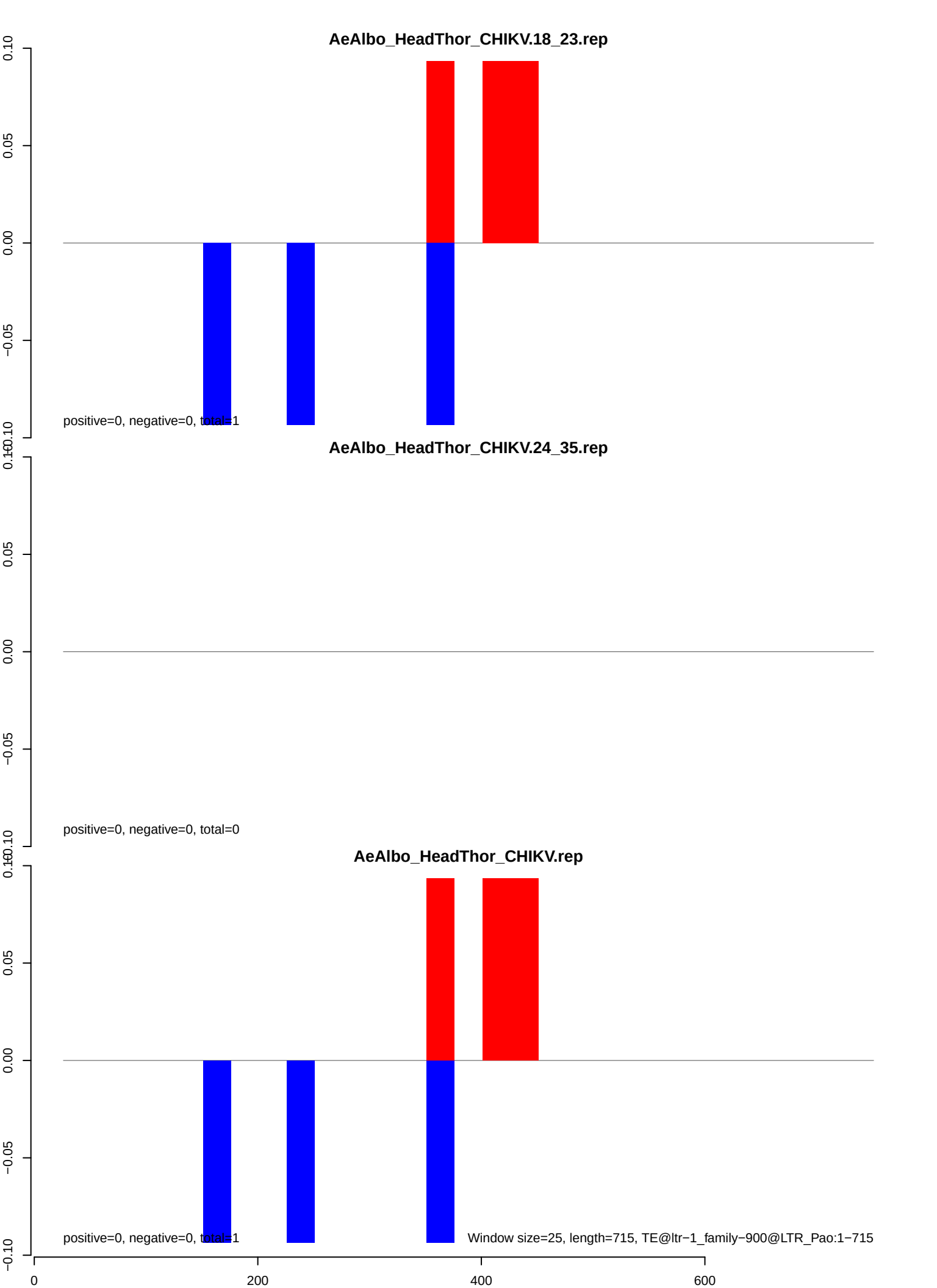

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=549, TE@rnd−1_family−1633@Unknown:1−549
100
200
300
400
500

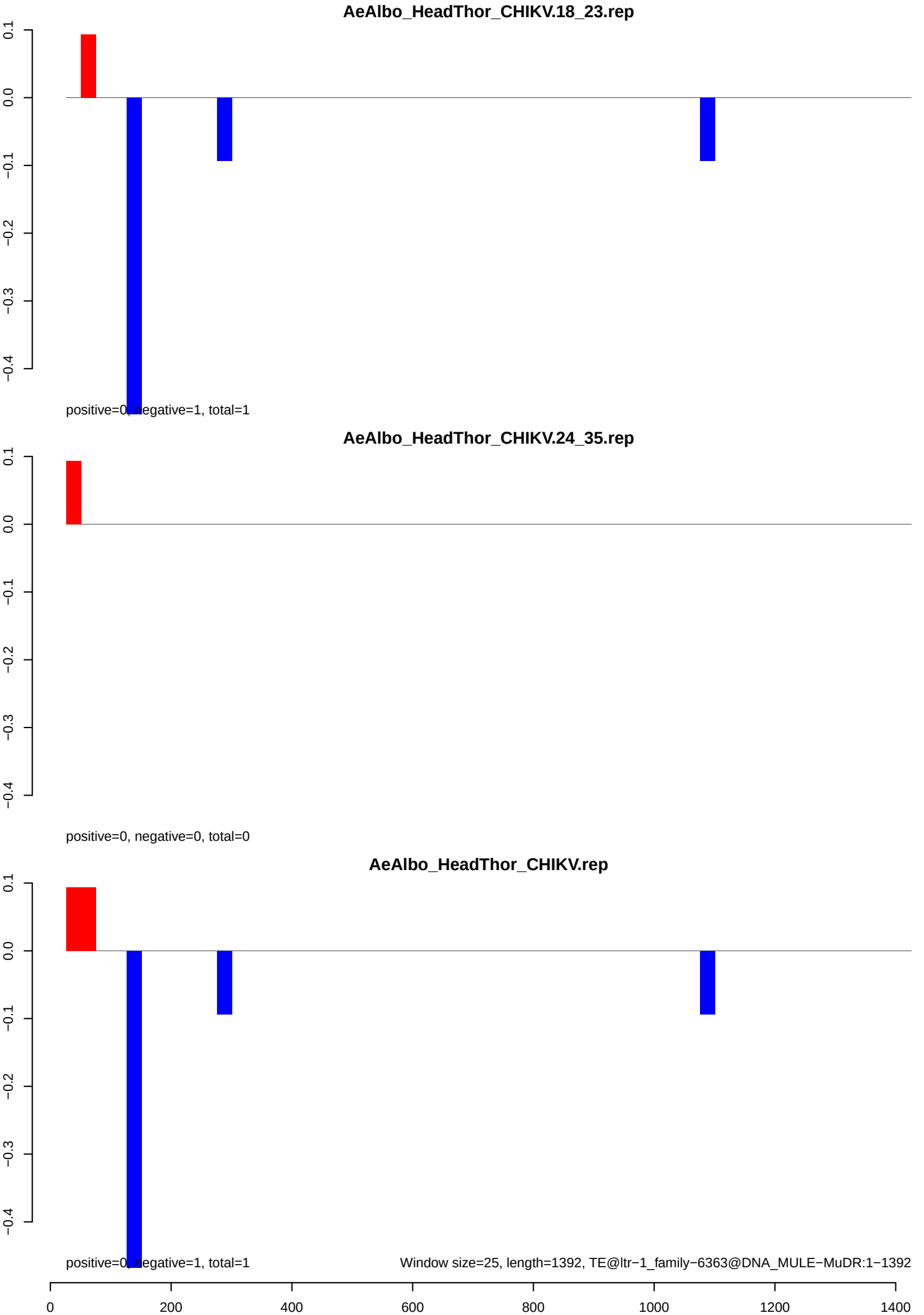

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=502, TE@rnd−1_family−1608@Unknown:1−502
100
200
300
400
500

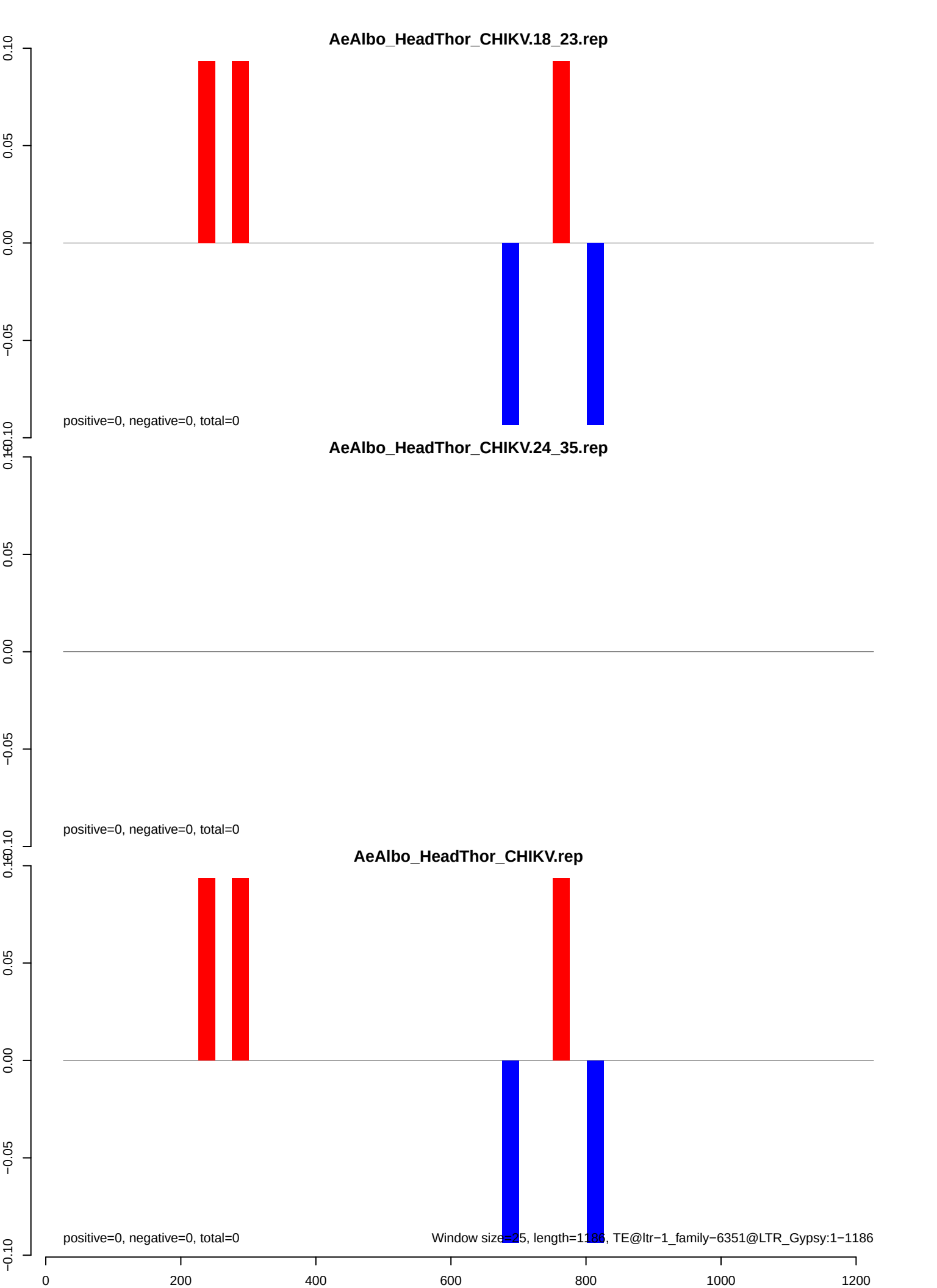

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

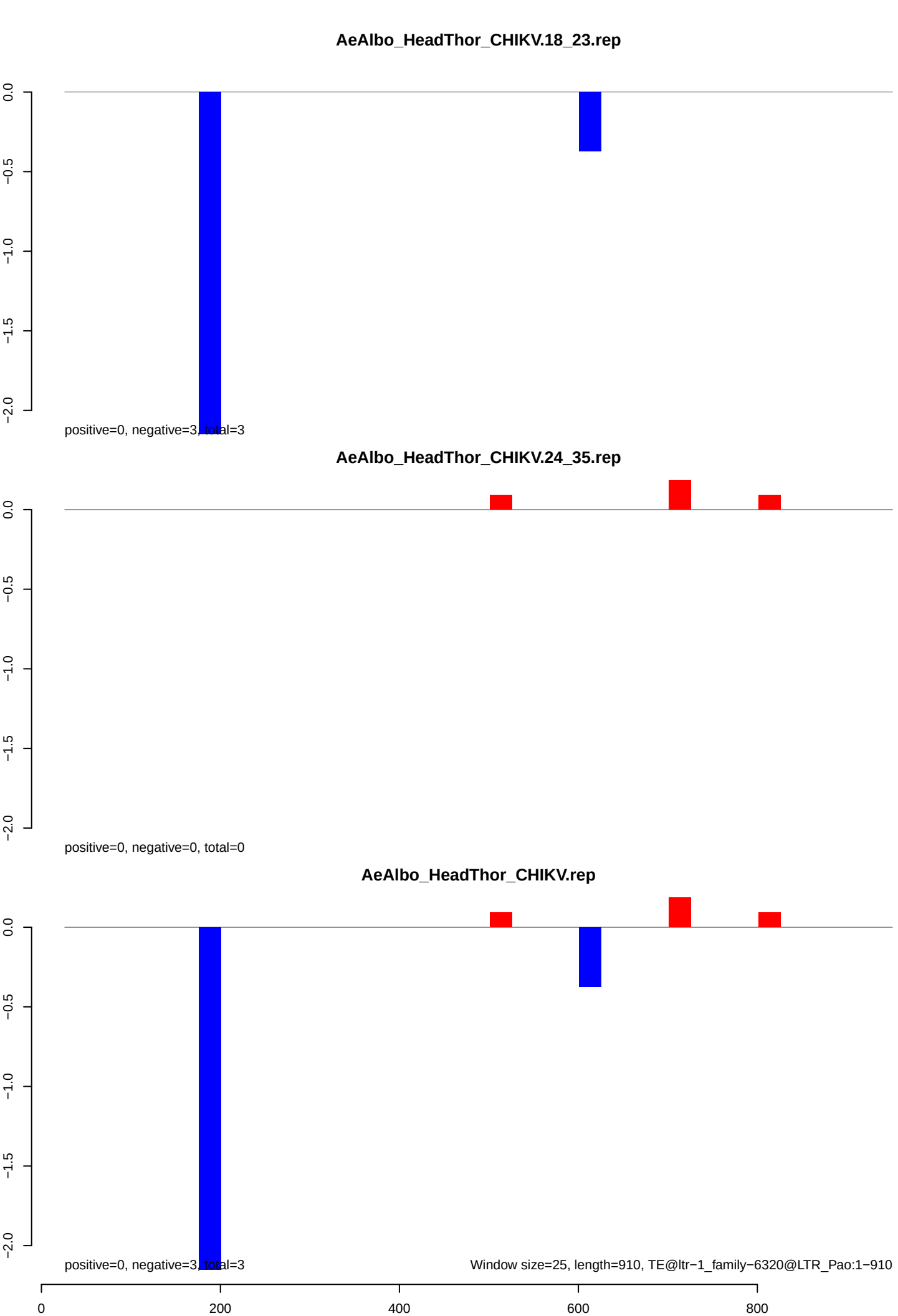
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=515, TE@rnd−1_family−1288@Unknown:1−515
100
200
300
400
500

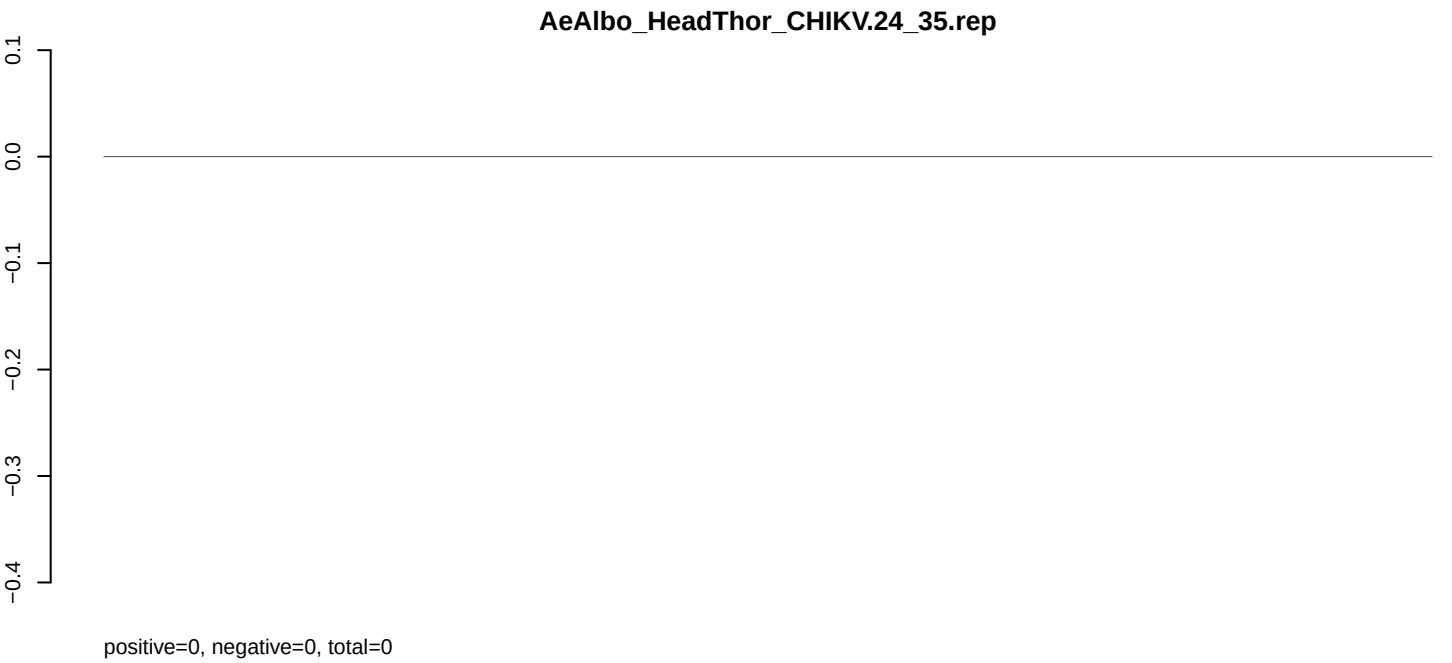

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=715, TE@ltr−1_family−900@LTR_Pao:1−715
0
200
400
600

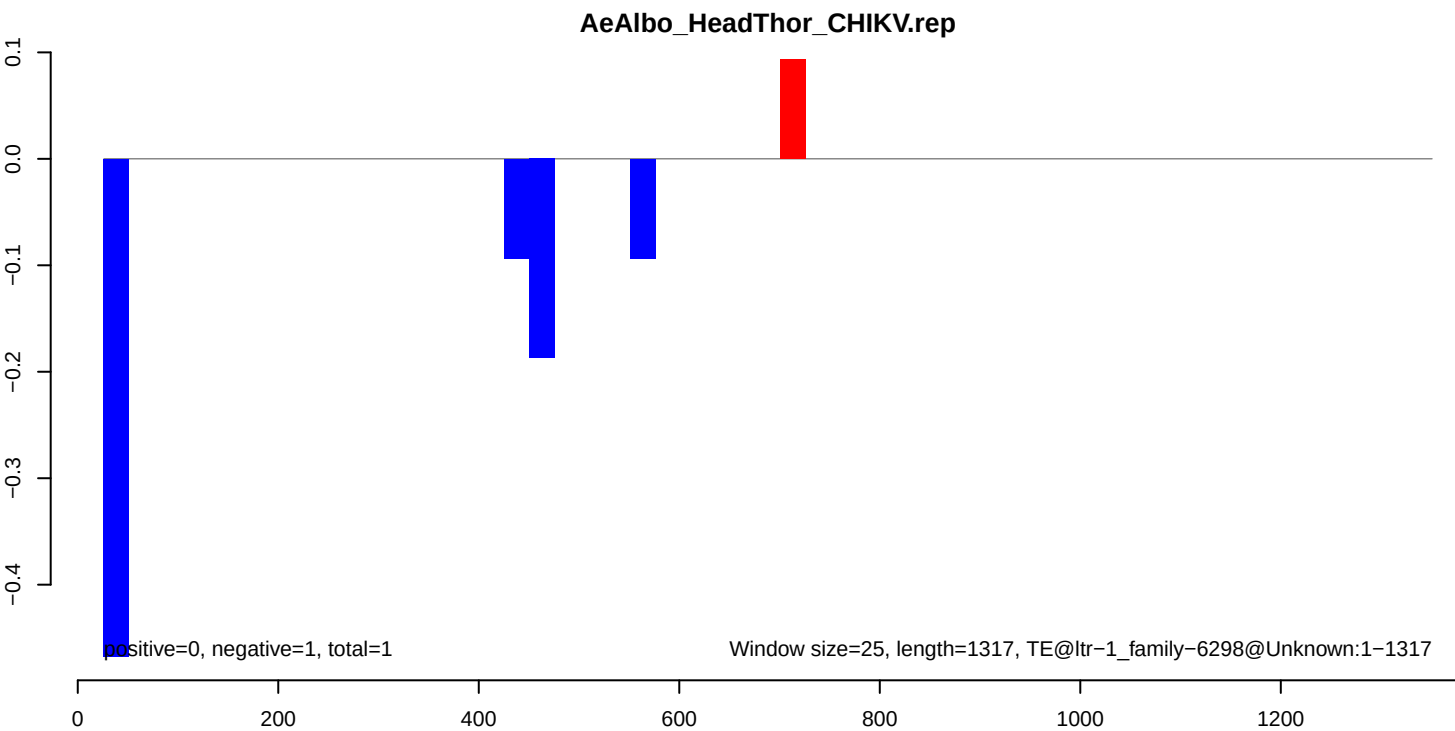

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1392, TE@ltr−1_family−6363@DNA_MULE−MuDR:1−1392
0
200
400
600
800
1000
1200
1400

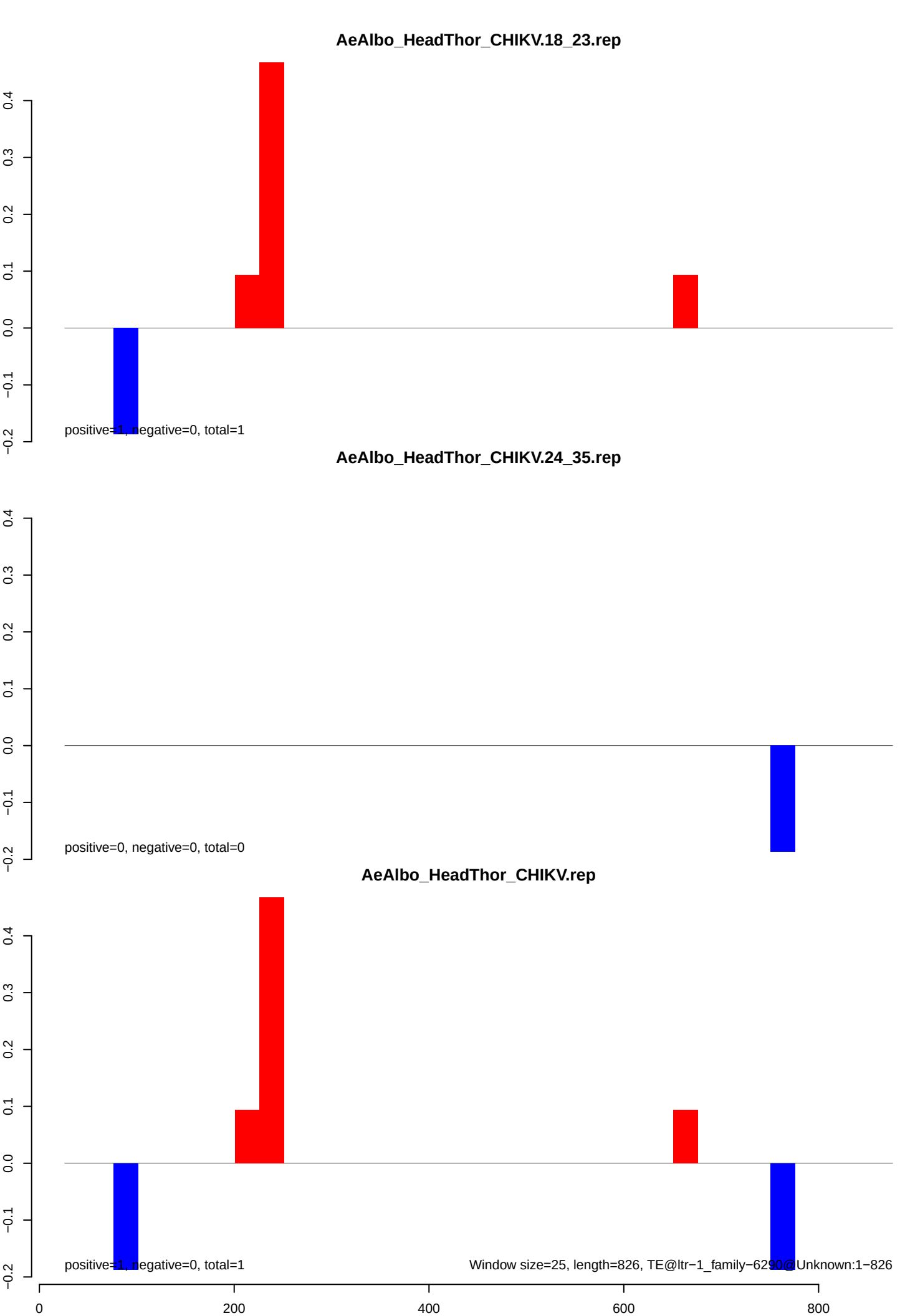

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=1186, TE@ltr−1_family−6351@LTR_Gypsy:1−1186
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800
1000
1200

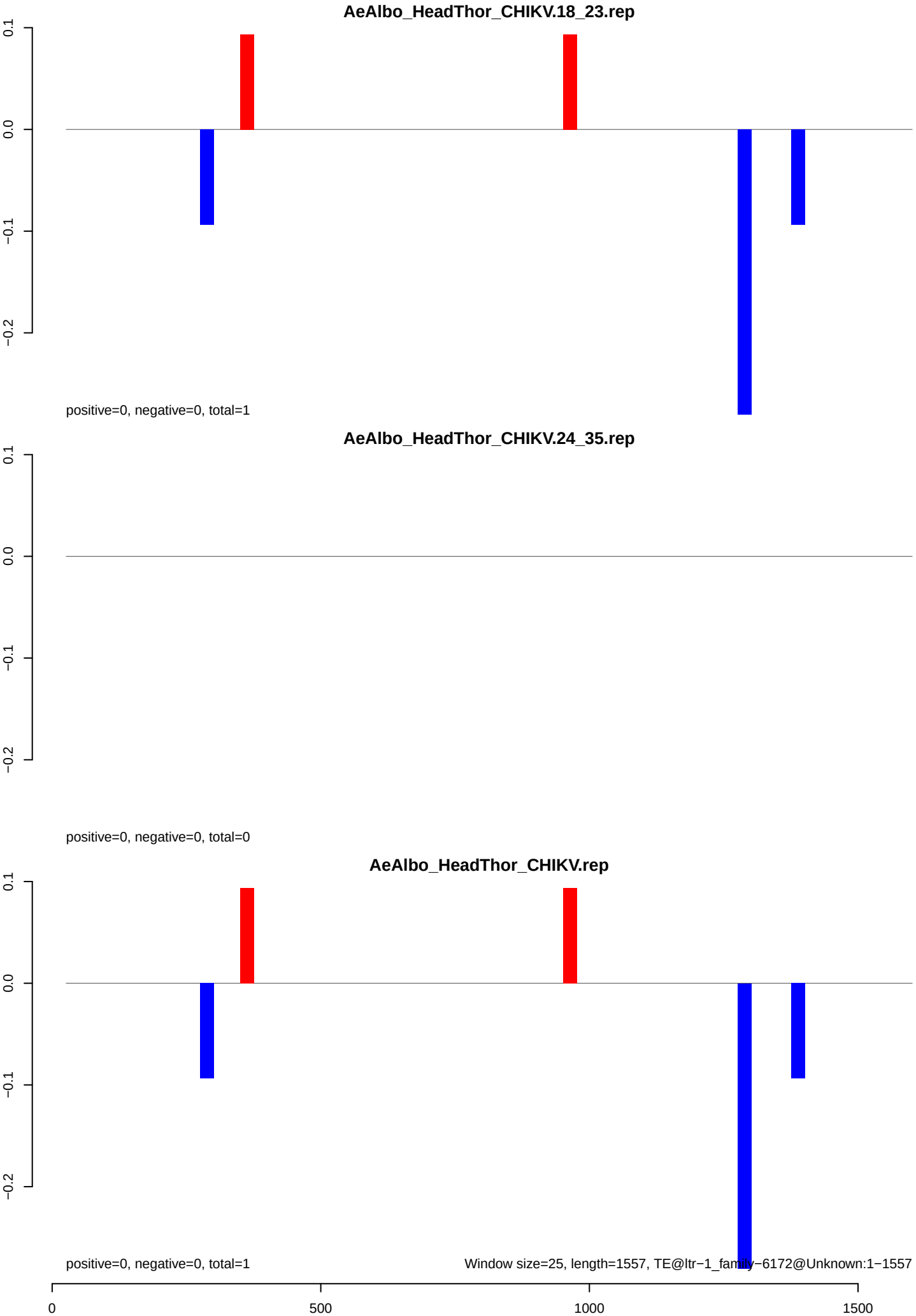

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=3, total=3
Window size=25, length=910, TE@ltr−1_family−6320@LTR_Pao:1−910
0
200
400
600
800

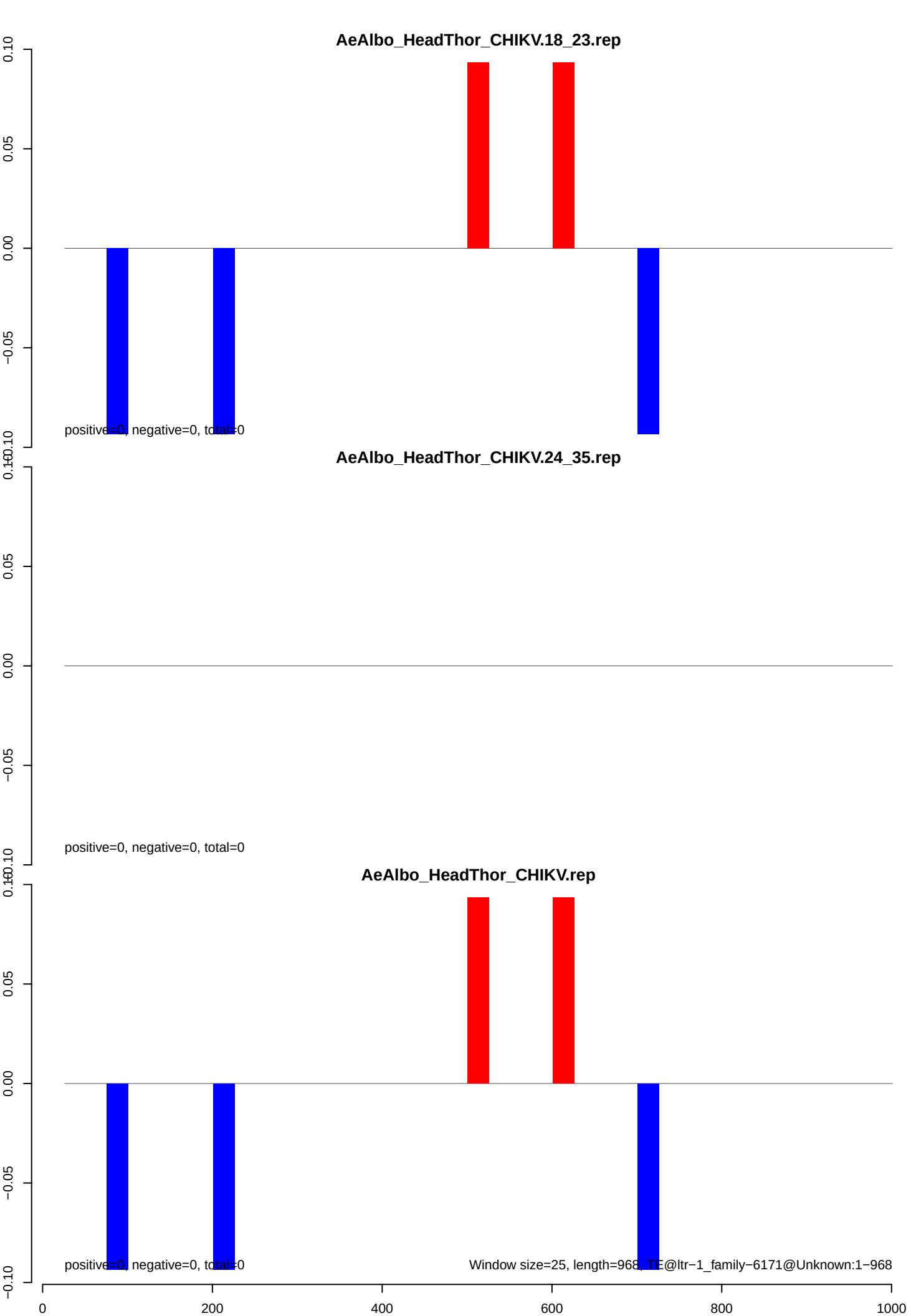
AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1

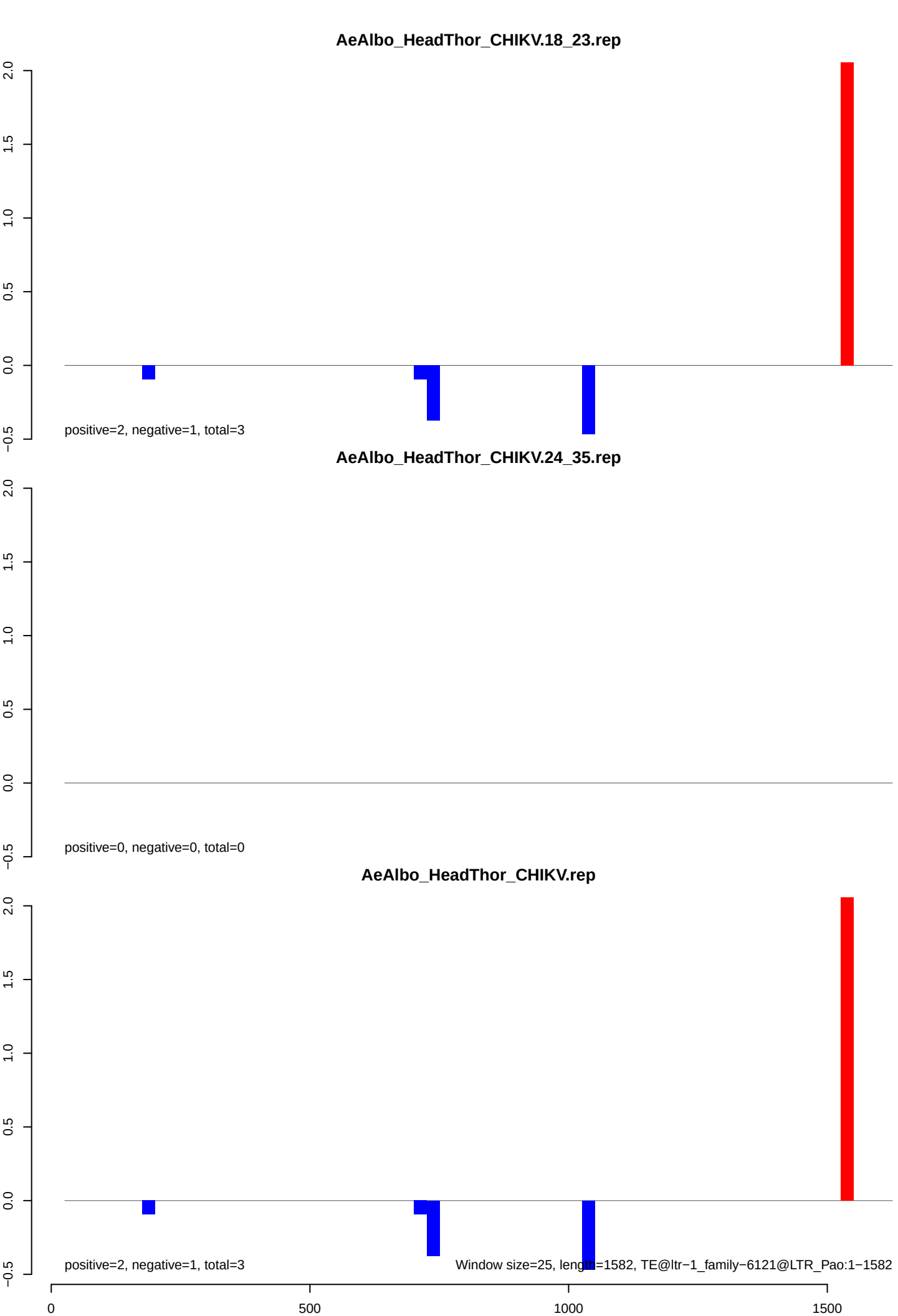

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

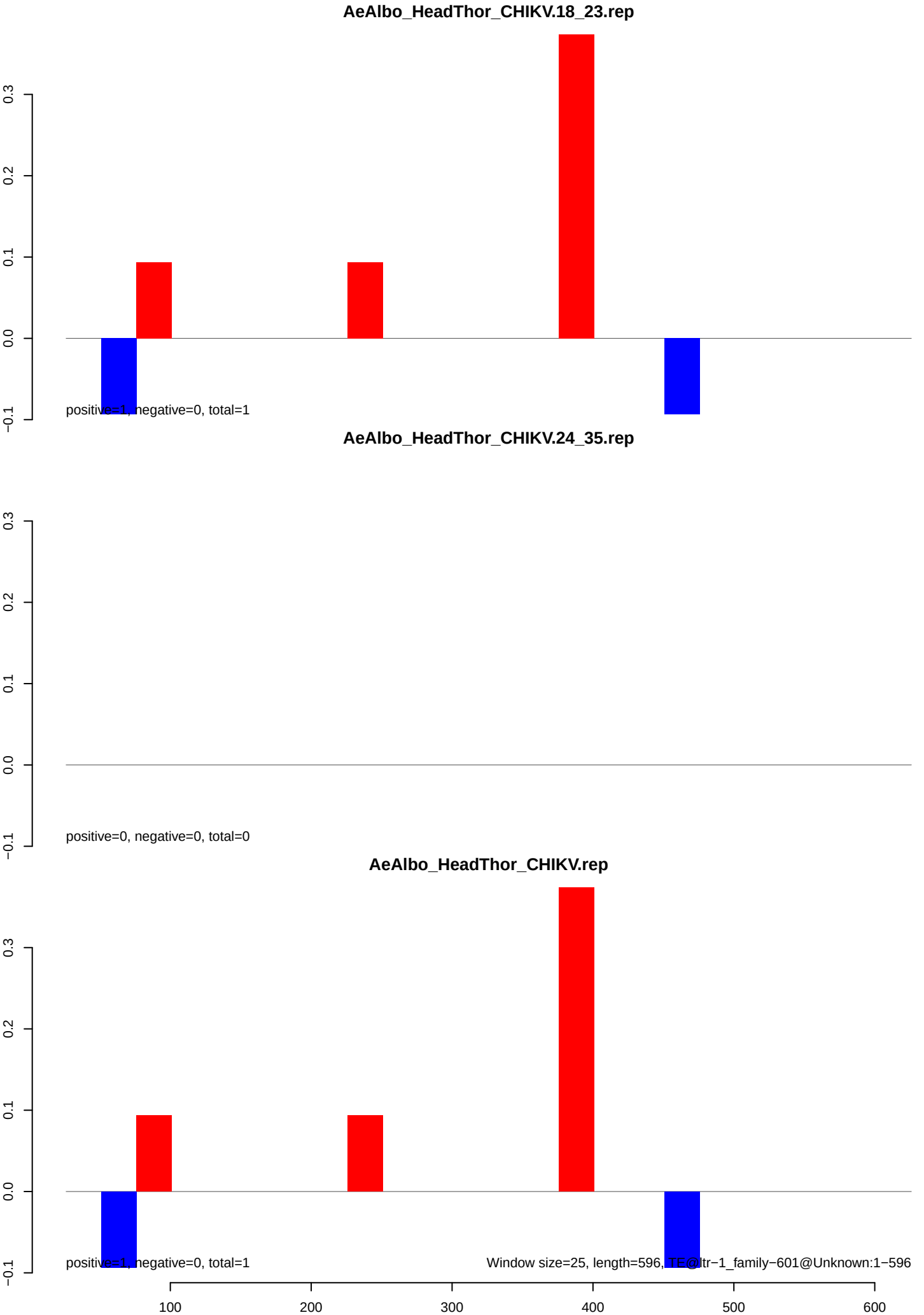

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1317, TE@ltr−1_family−6298@Unknown:1−1317
0
200
400
600
800
1000
1200
1400

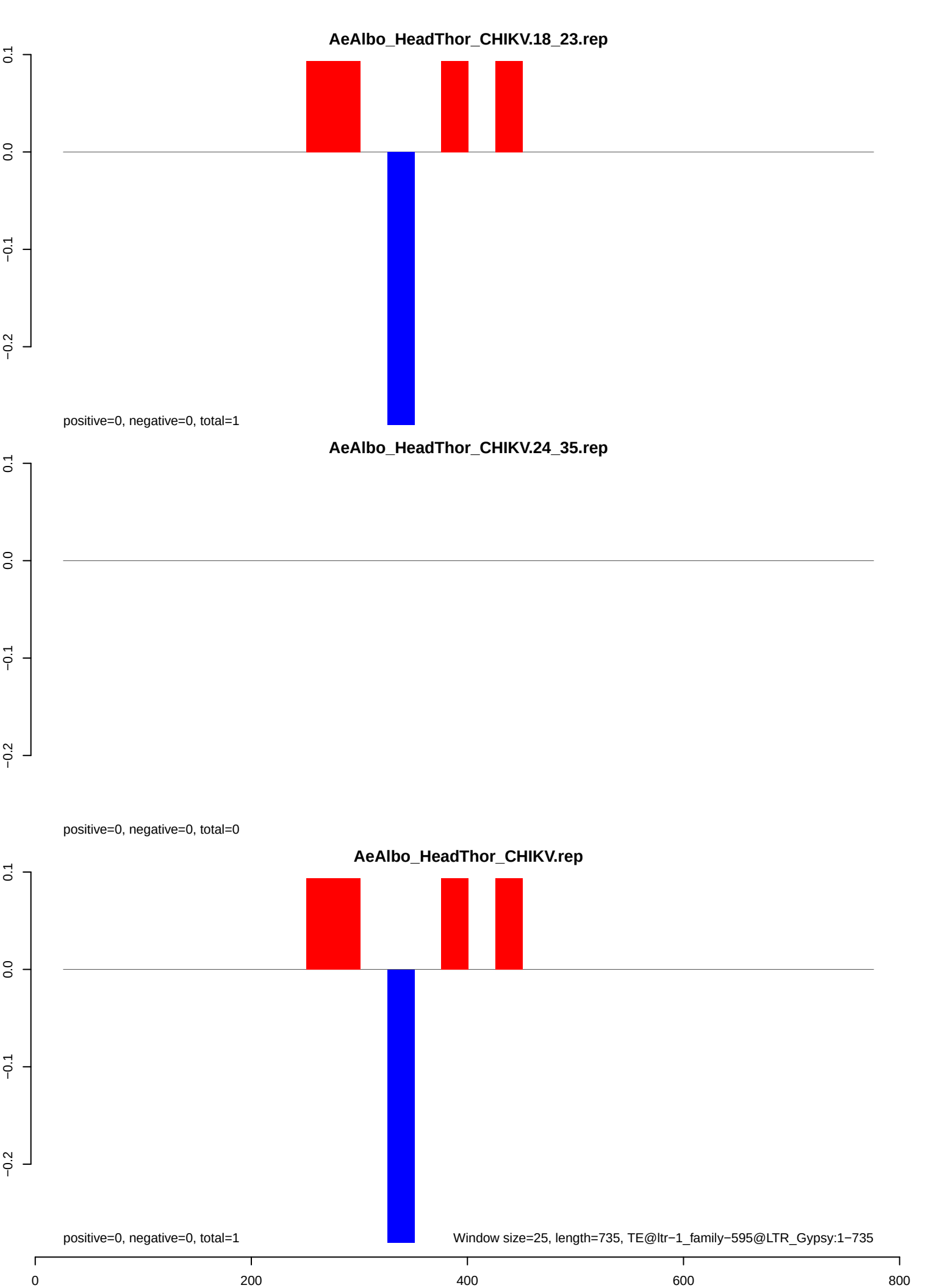

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=826, TE@ltr−1_family−6290@Unknown:1−826
0
200
400
600
800

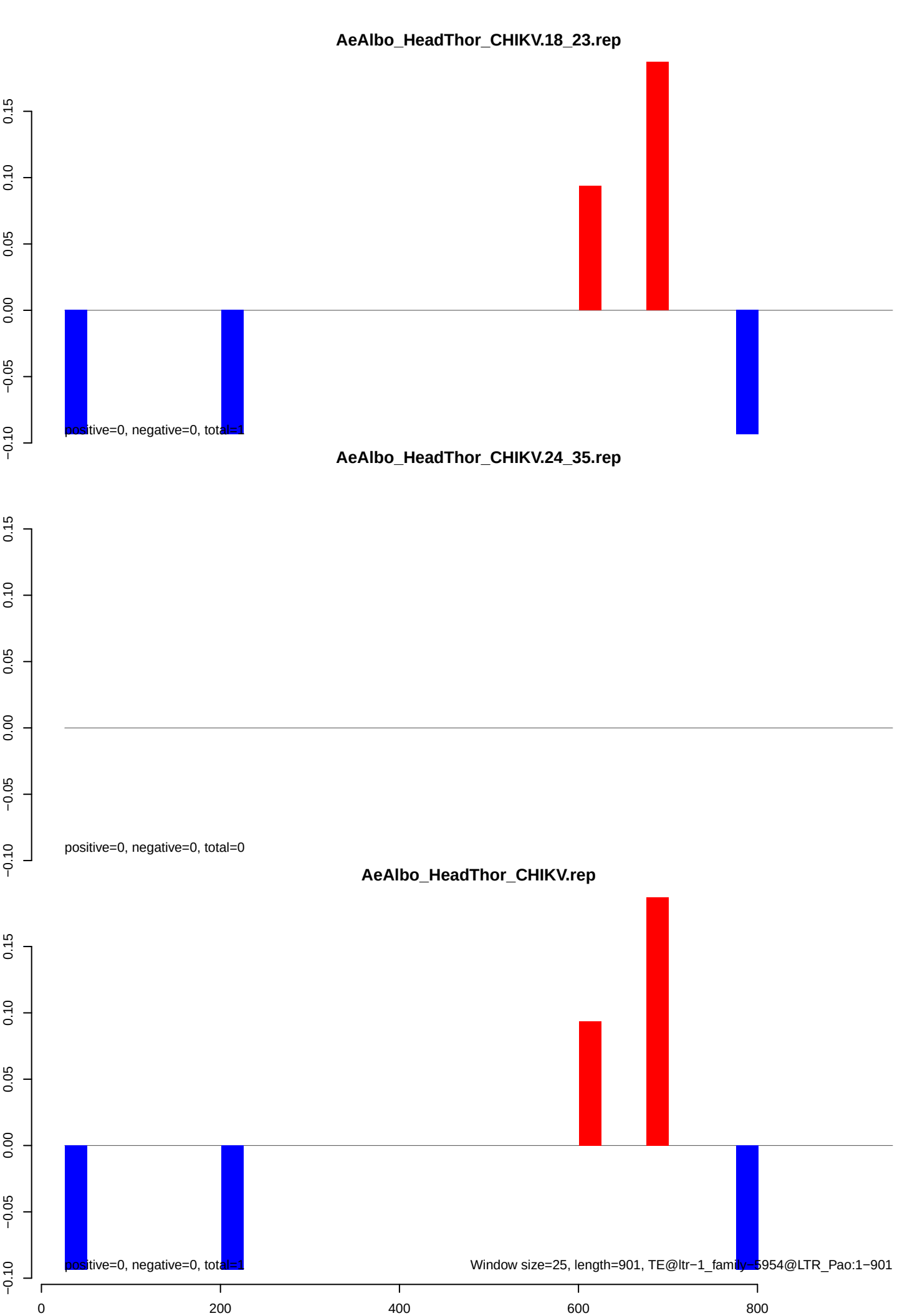

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=1557, TE@ltr−1_family−6172@Unknown:1−1557
0
500
1000
1500

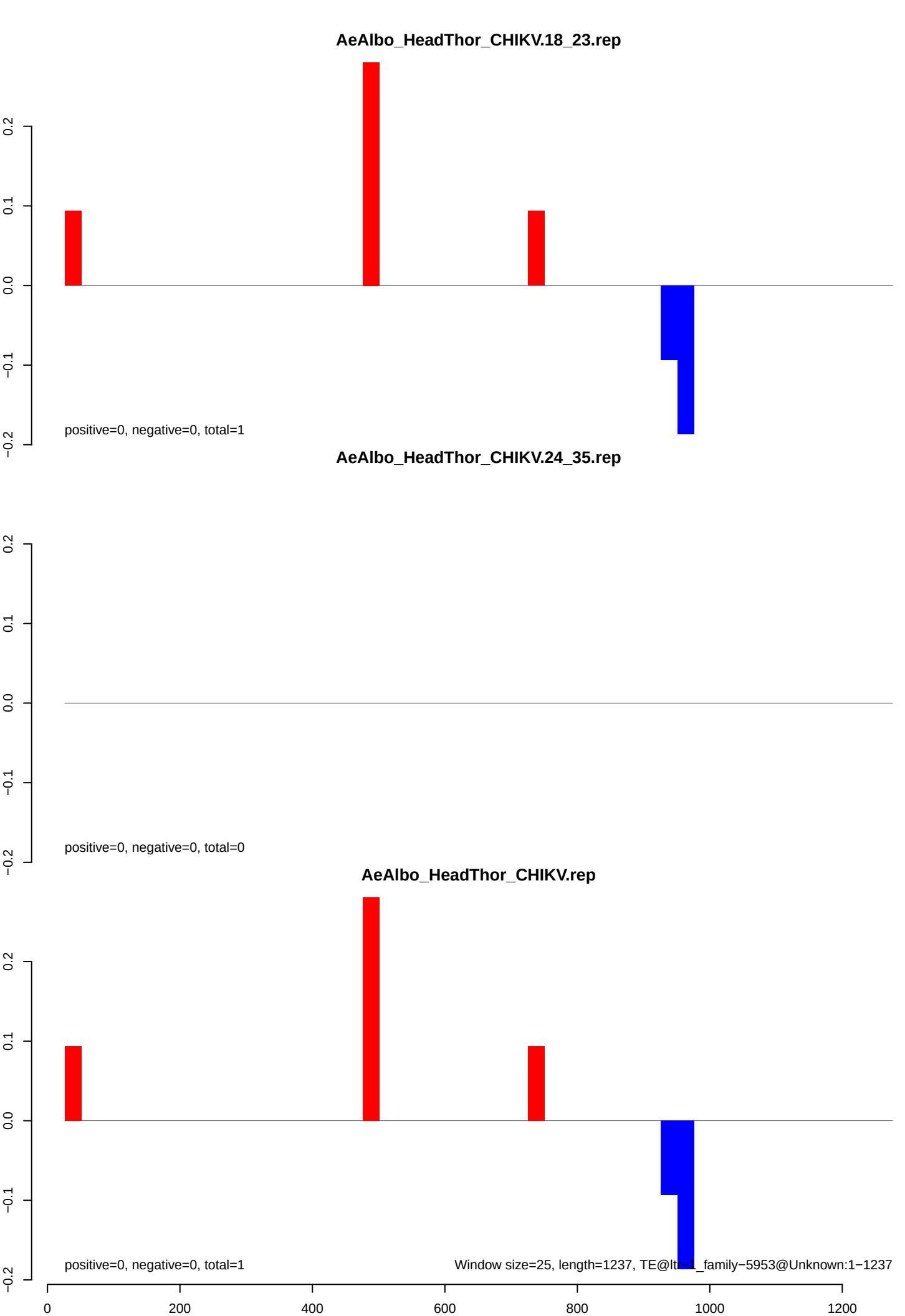

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=968, TE@ltr−1_family−6171@Unknown:1−968
0
200
400
600
800
1000

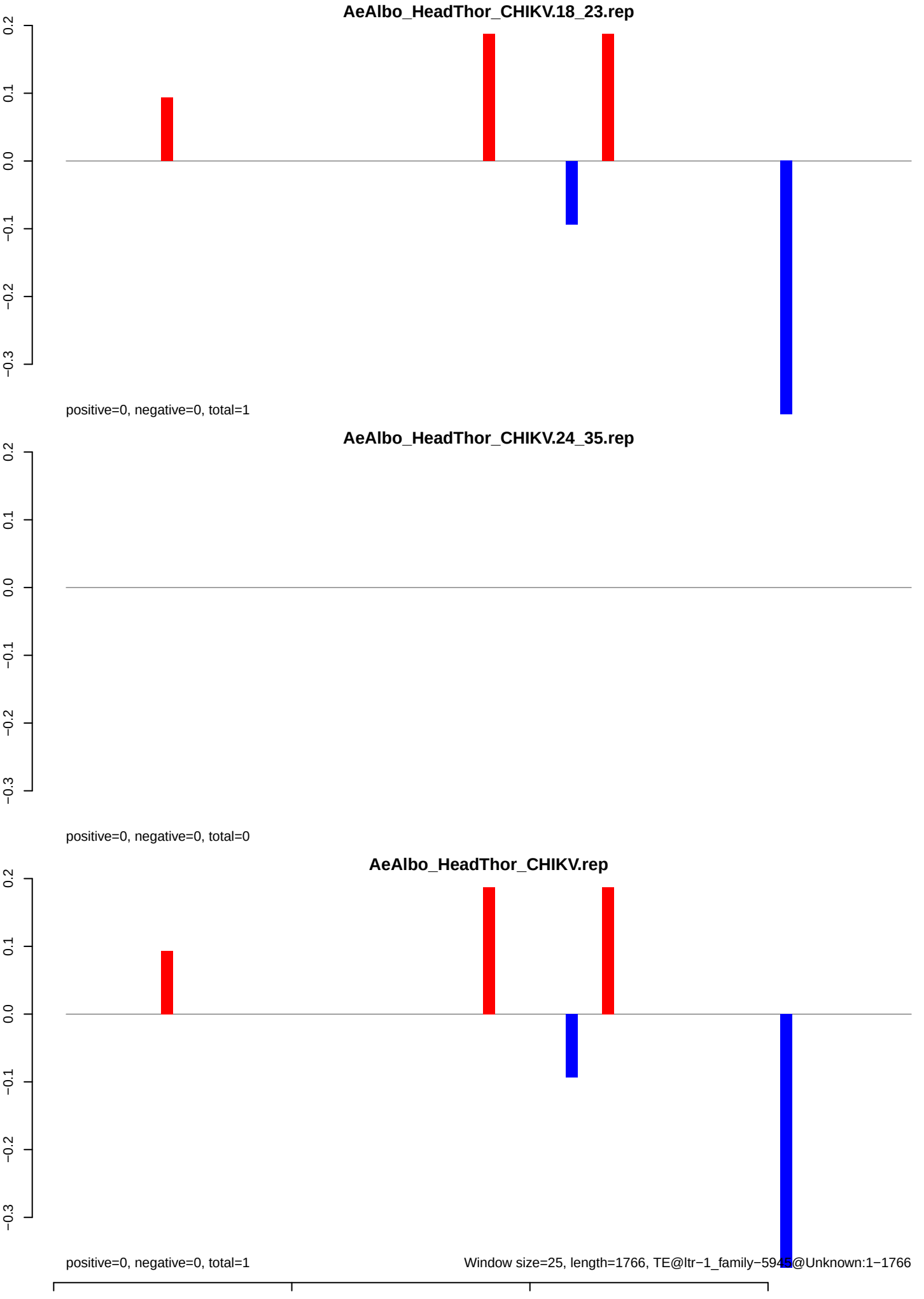

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=1, total=3
Window size=25, length=1582, TE@ltr−1_family−6121@LTR_Pao:1−1582
2.0
1.5
1.0
0.5
0.0
−0.5
0
500
1000
1500

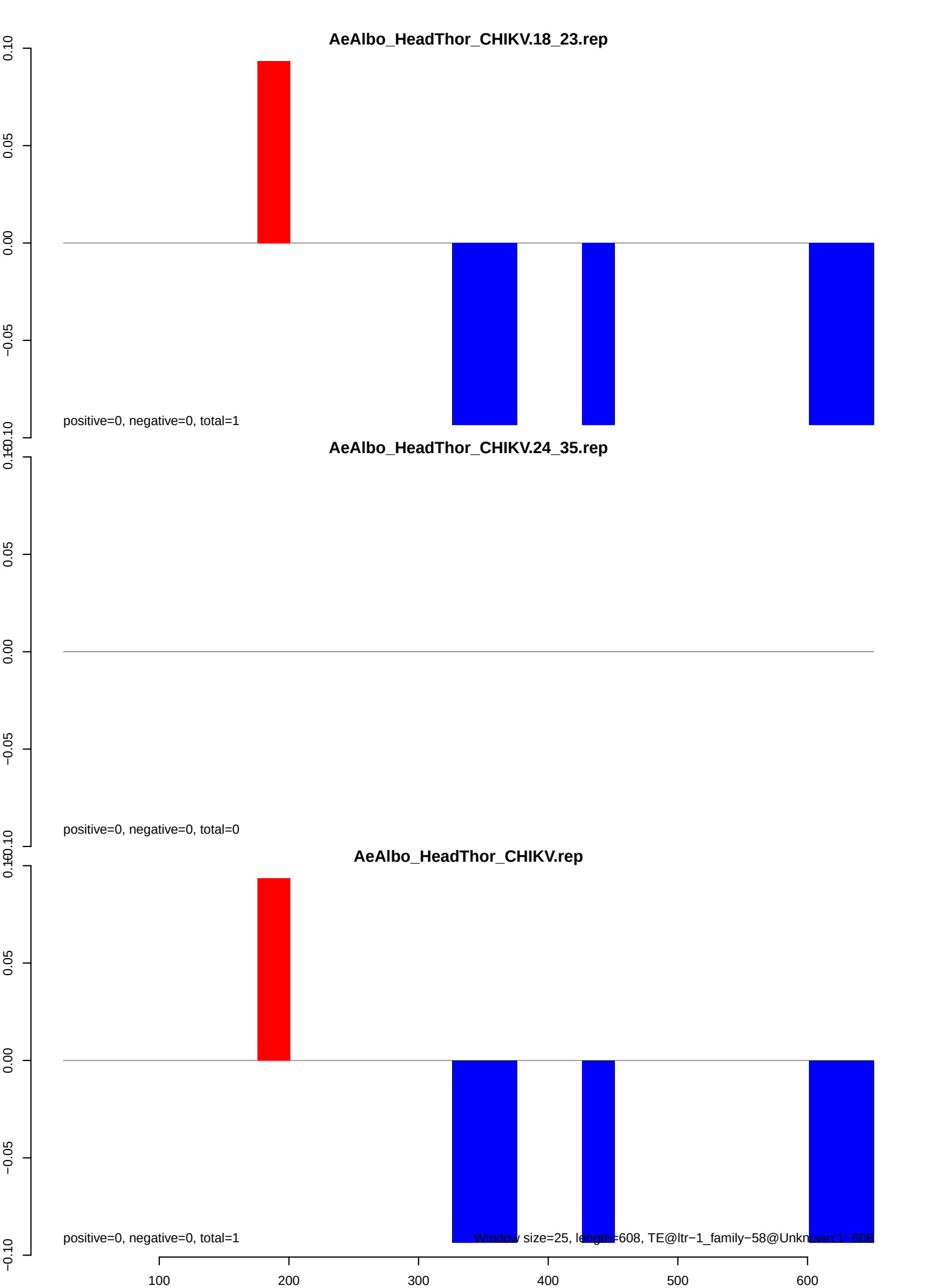

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=596, TE@ltr−1_family−601@Unknown:1−596
100
200
300
400
500
600

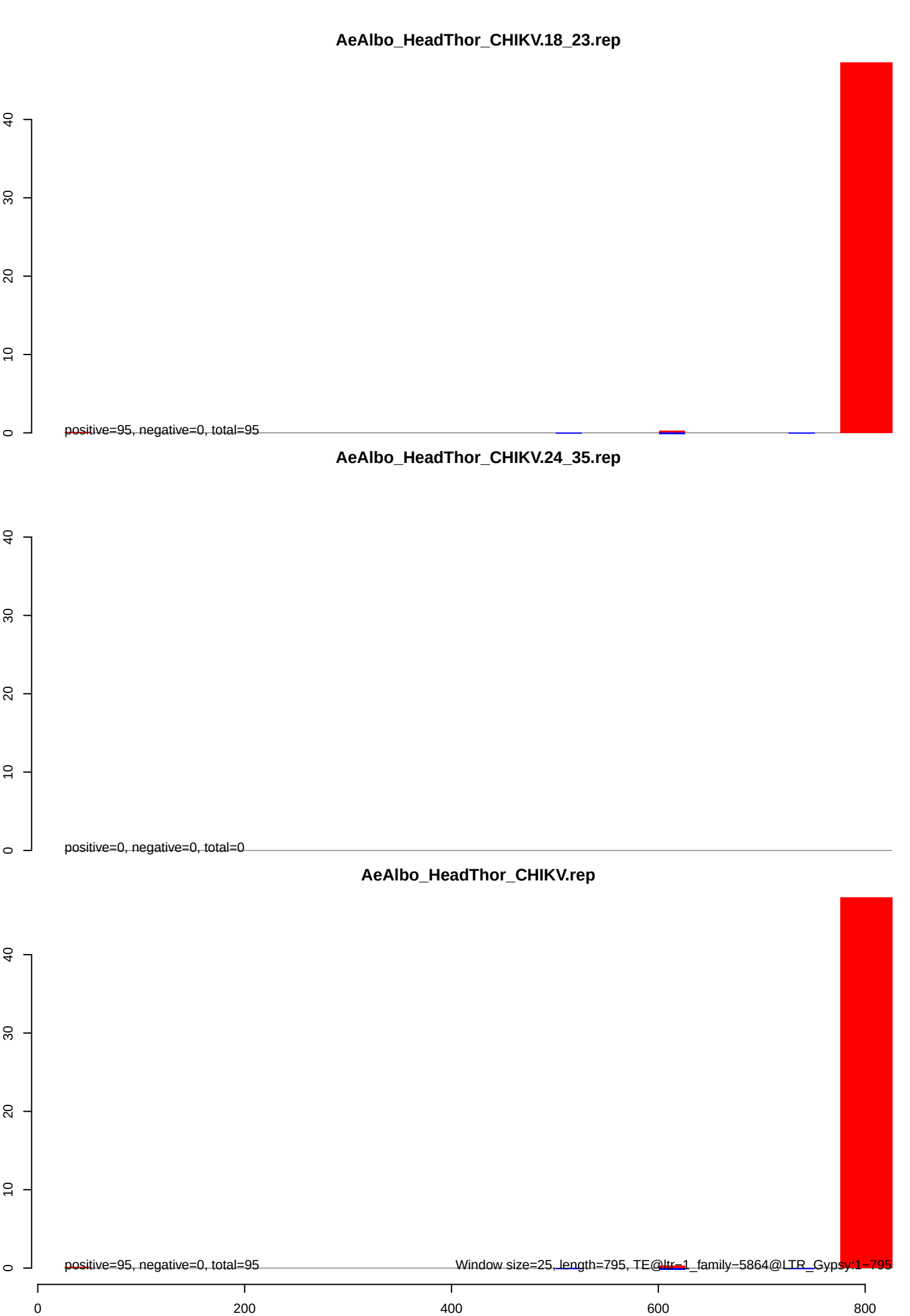

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=735, TE@ltr−1_family−595@LTR_Gypsy:1−735
0
200
400
600
800

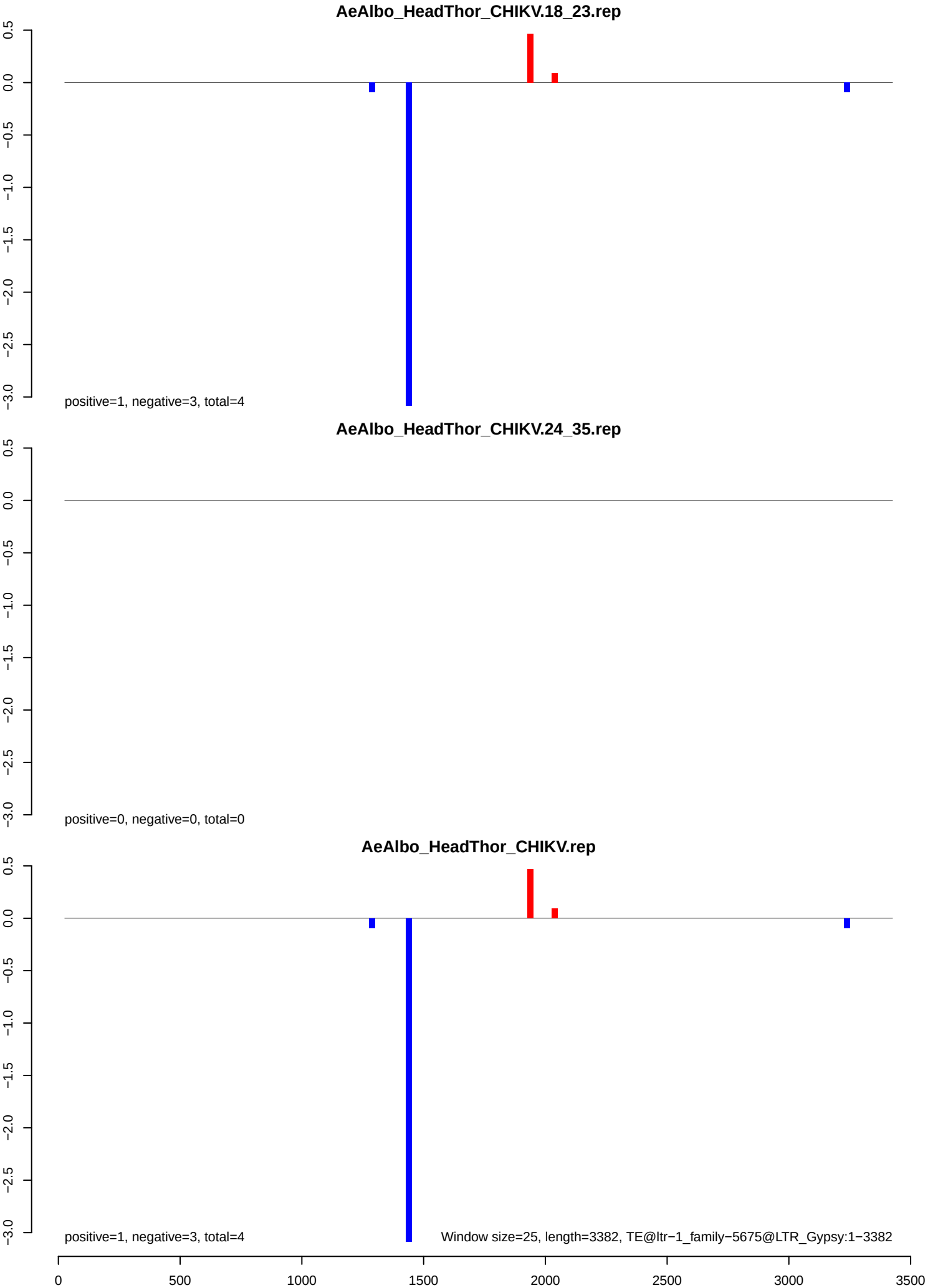

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=901, TE@ltr−1_family−5954@LTR_Pao:1−901
0
200
400
600
800

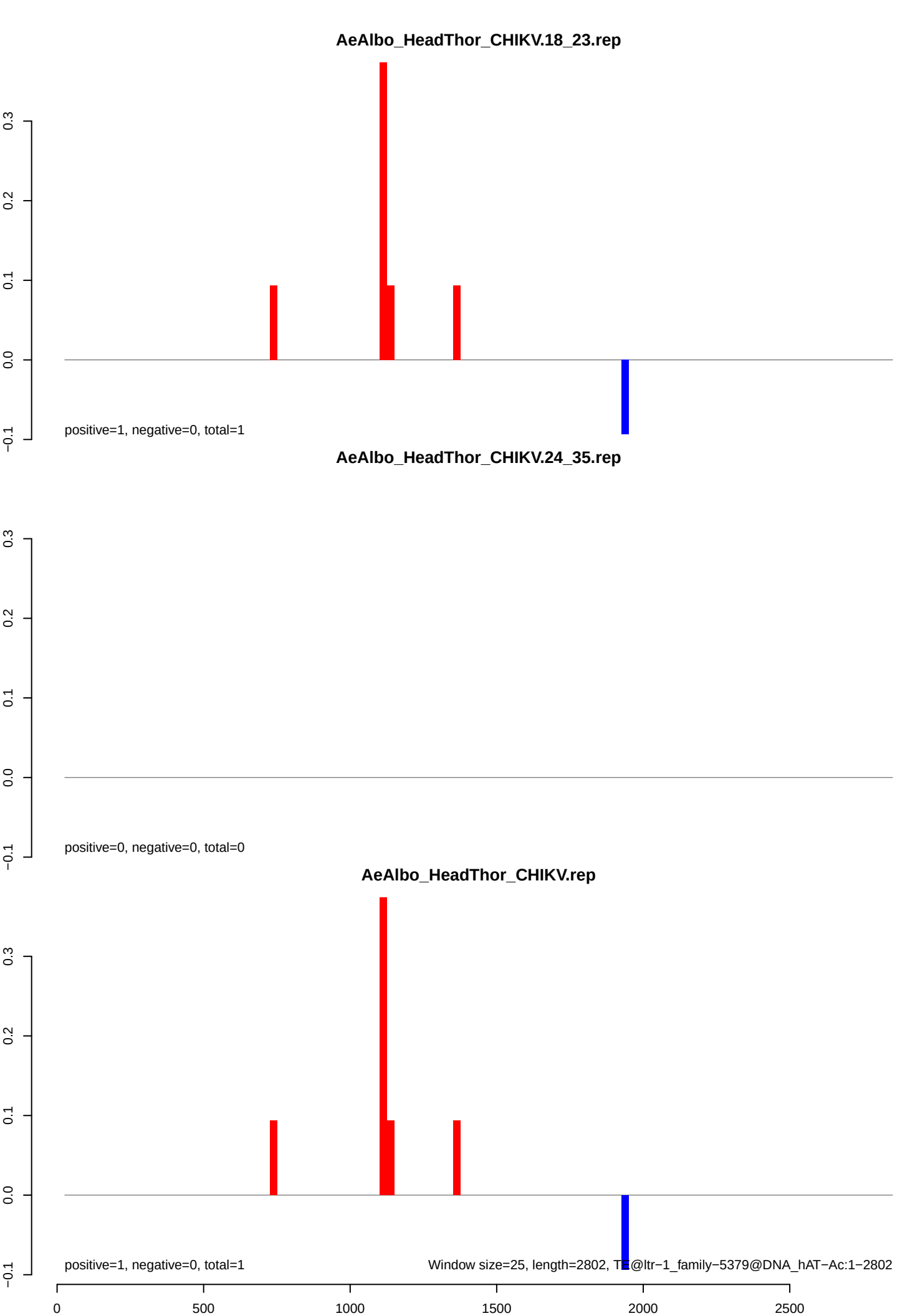

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=1237, TE@lt
1_family−5953@Unknown:1−1237
0
200
400
600
800
1000
1200

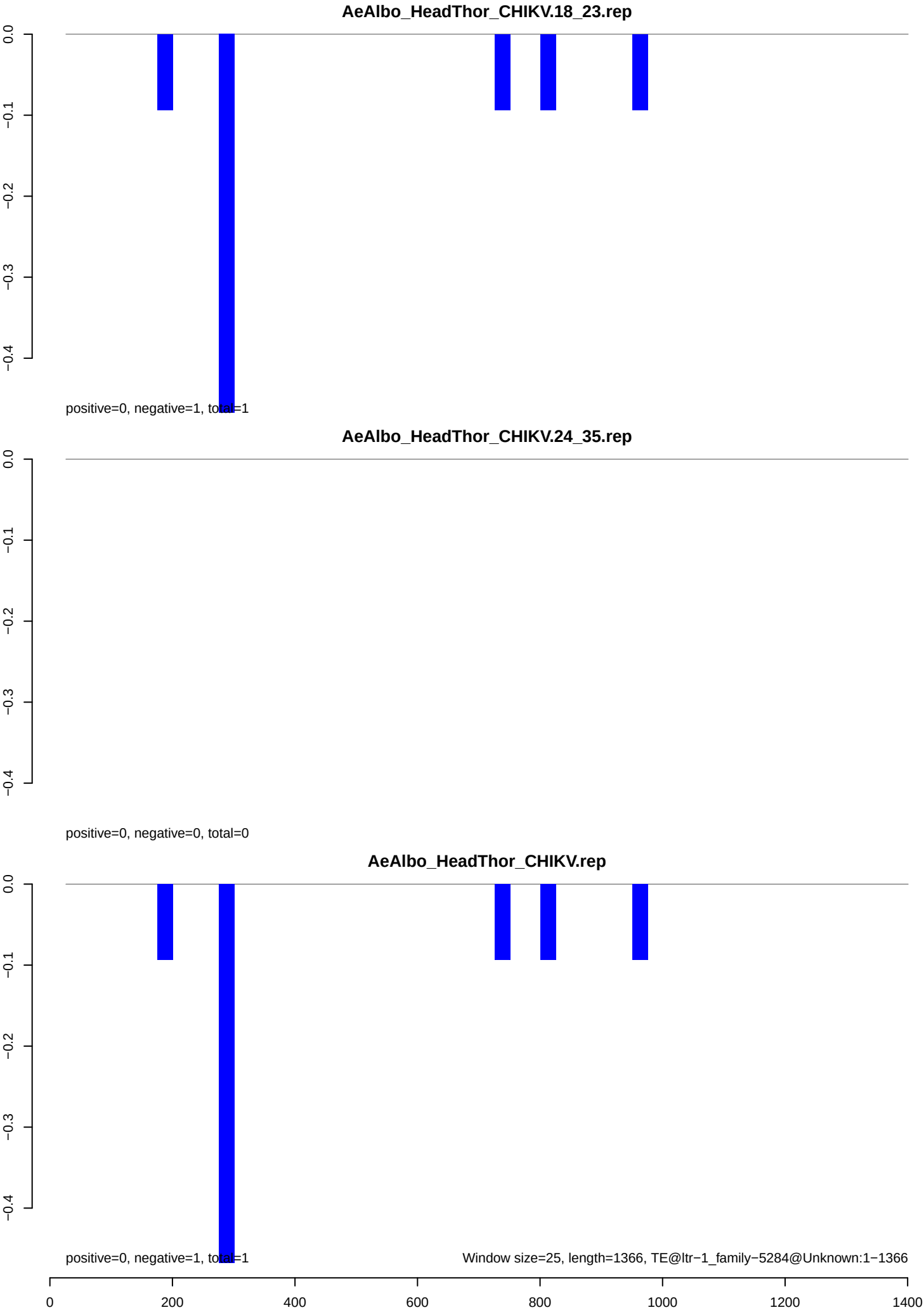

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
Window size=25, length=1766, TE@ltr−1_family−5945@Unknown:1−1766
0
500
1000
1500

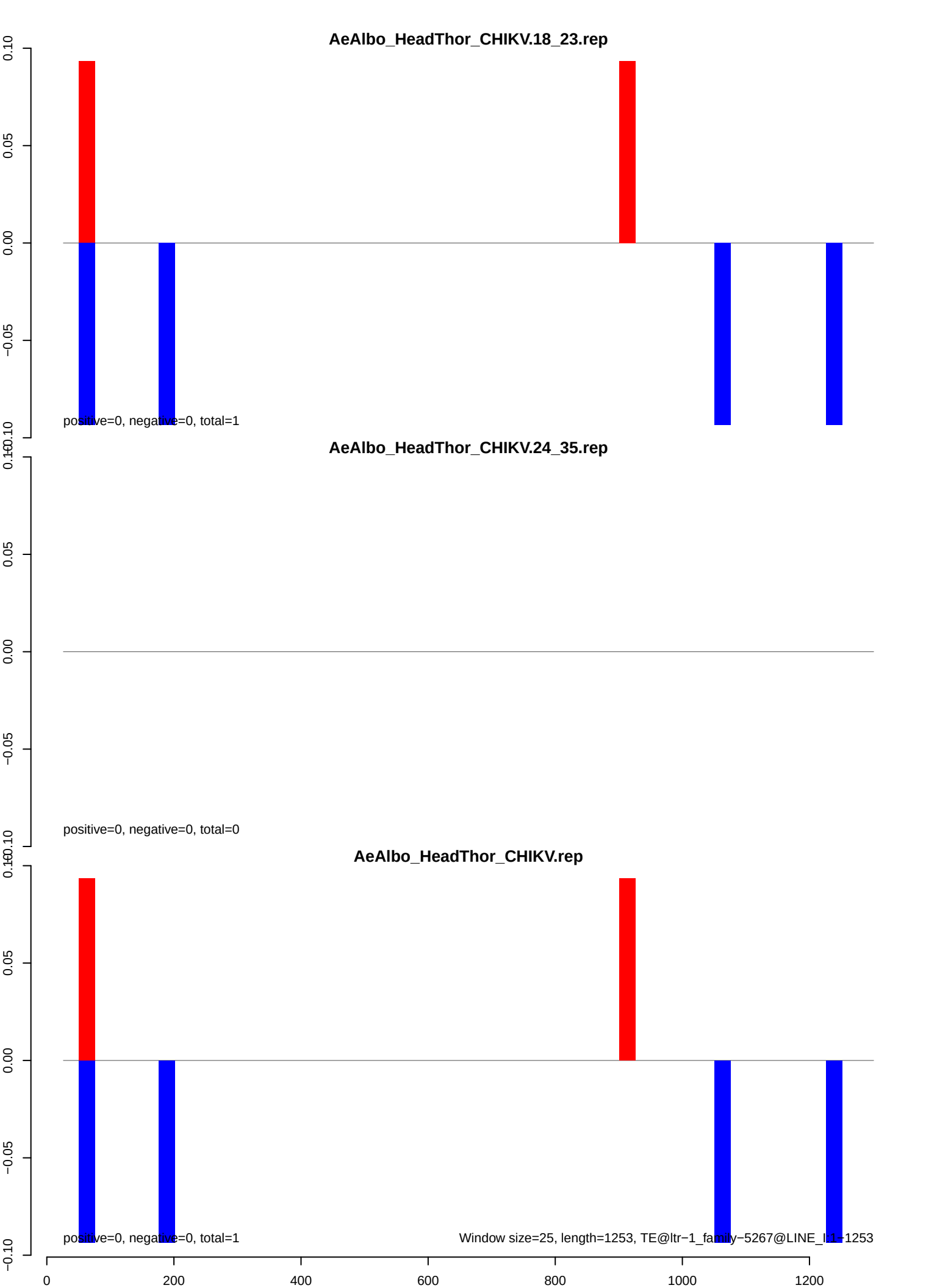

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=608, TE@ltr−1_family−58@Unknown:1−608
100
200
300
400
500
600

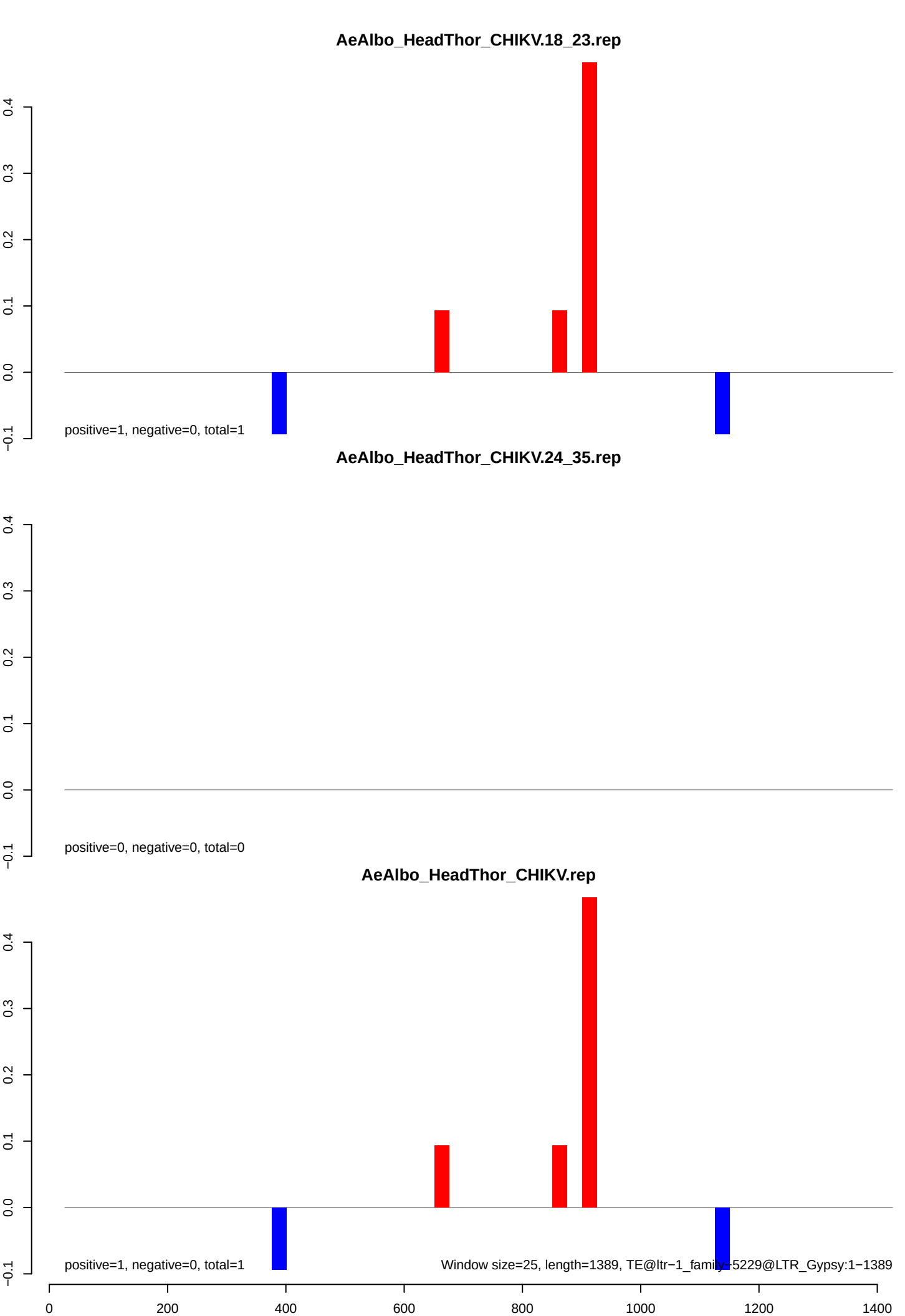

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=95, negative=0, total=95
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=95, negative=0, total=95
Window size=25, length=795, TE@ltr_1_family=5864@LTR_Gypsy:1-795
0
200
400
600
800

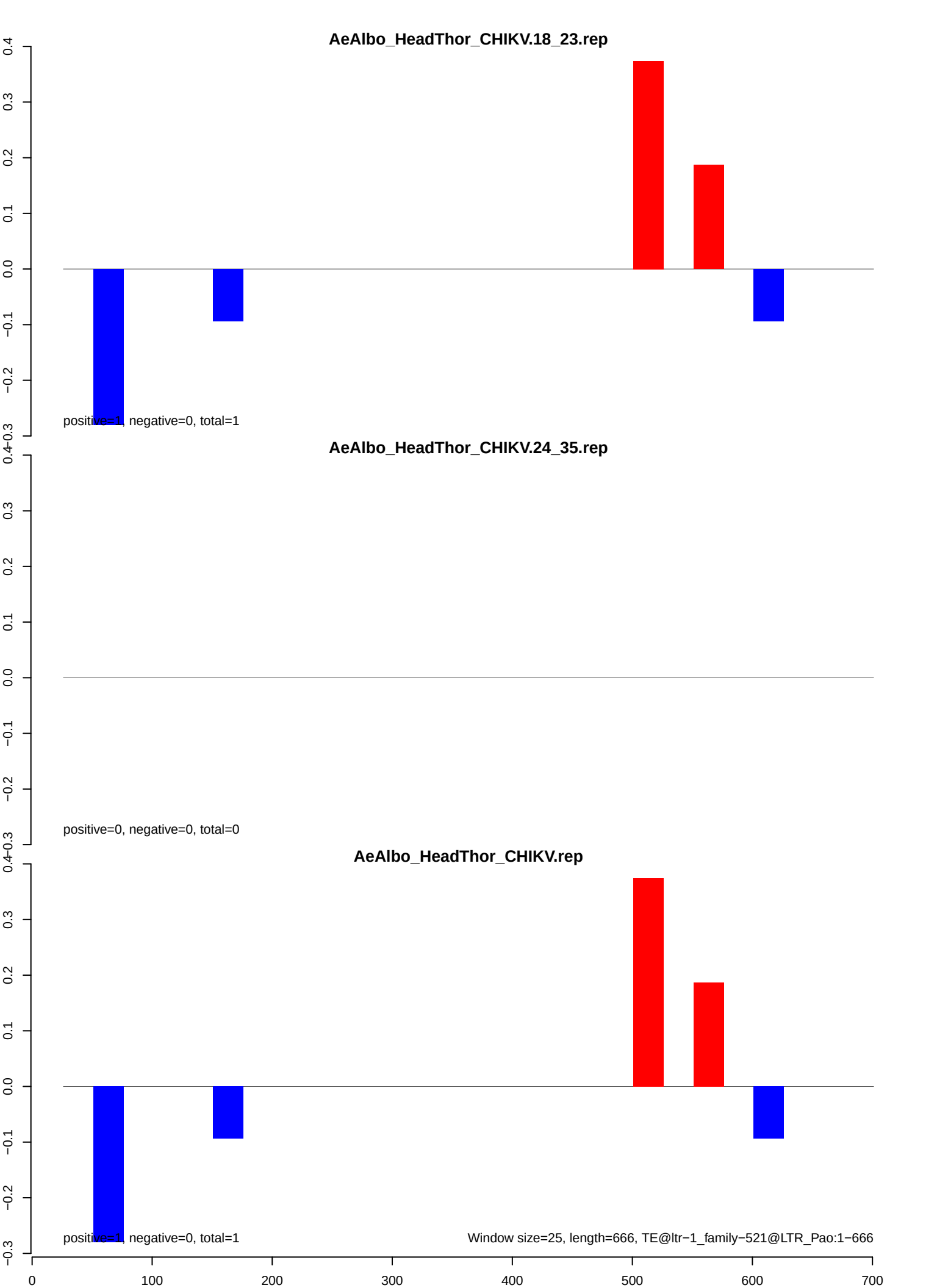

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=3, total=4
Window size=25, length=3382, TE@ltr−1_family−5675@LTR_Gypsy:1−3382
0
500
1000
1500
2000
2500
3000
3500

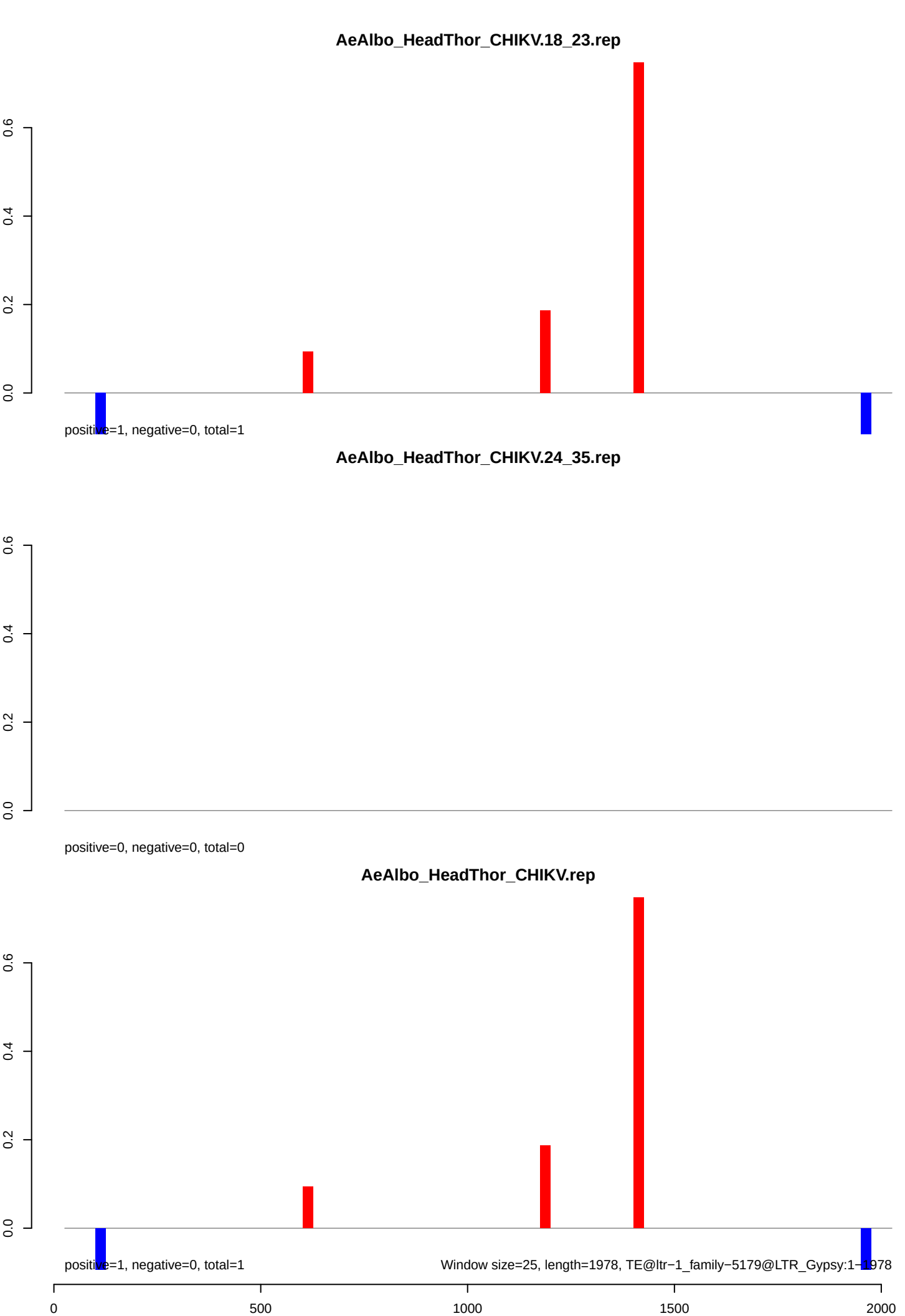

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=2802, TE@ltr−1_family−5379@DNA_hAT−Ac:1−2802
0
500
1000
1500
2000
2500

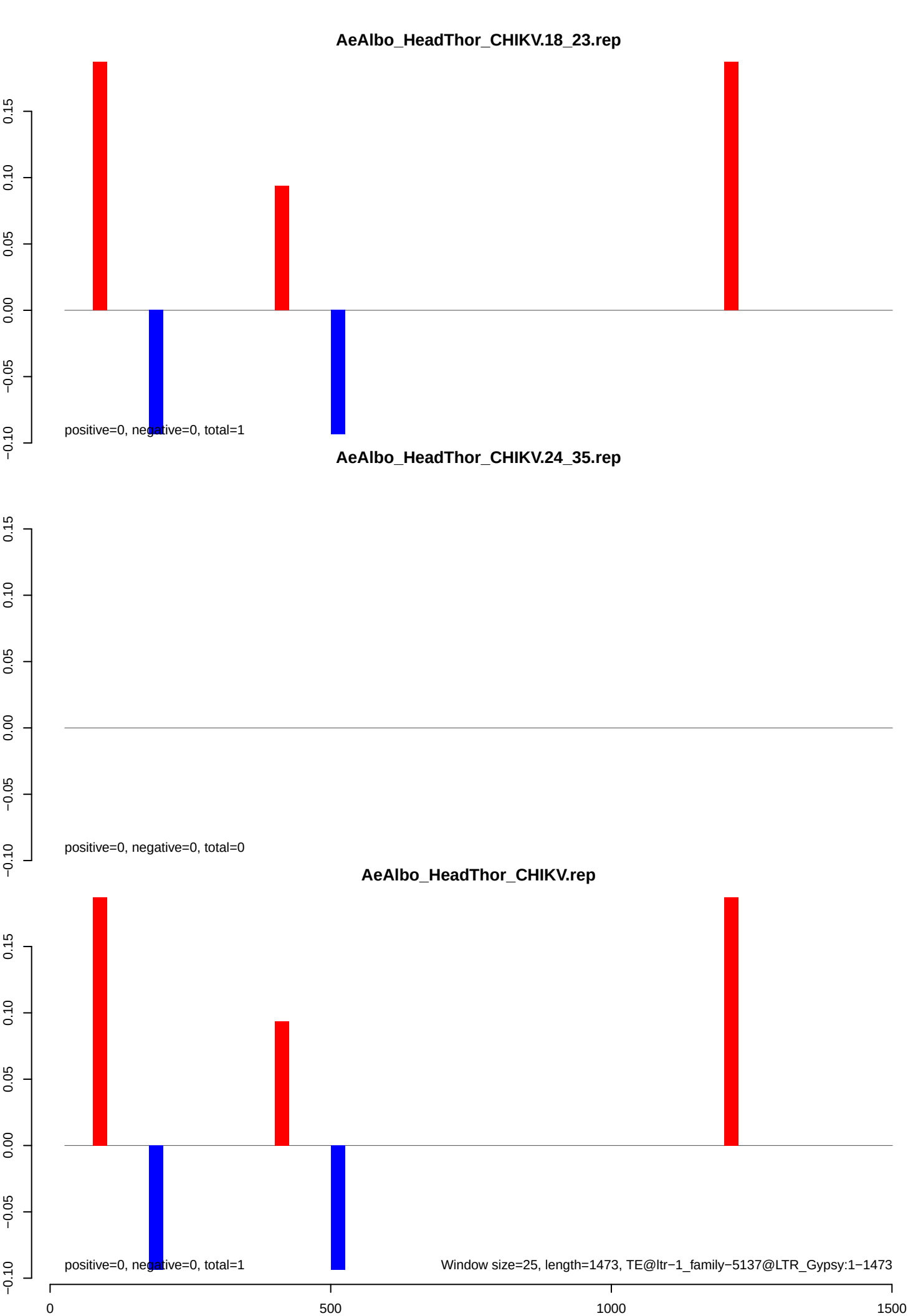

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1366, TE@ltr−1_family−5284@Unknown:1−1366
0
200
400
600
800
1000
1200
1400

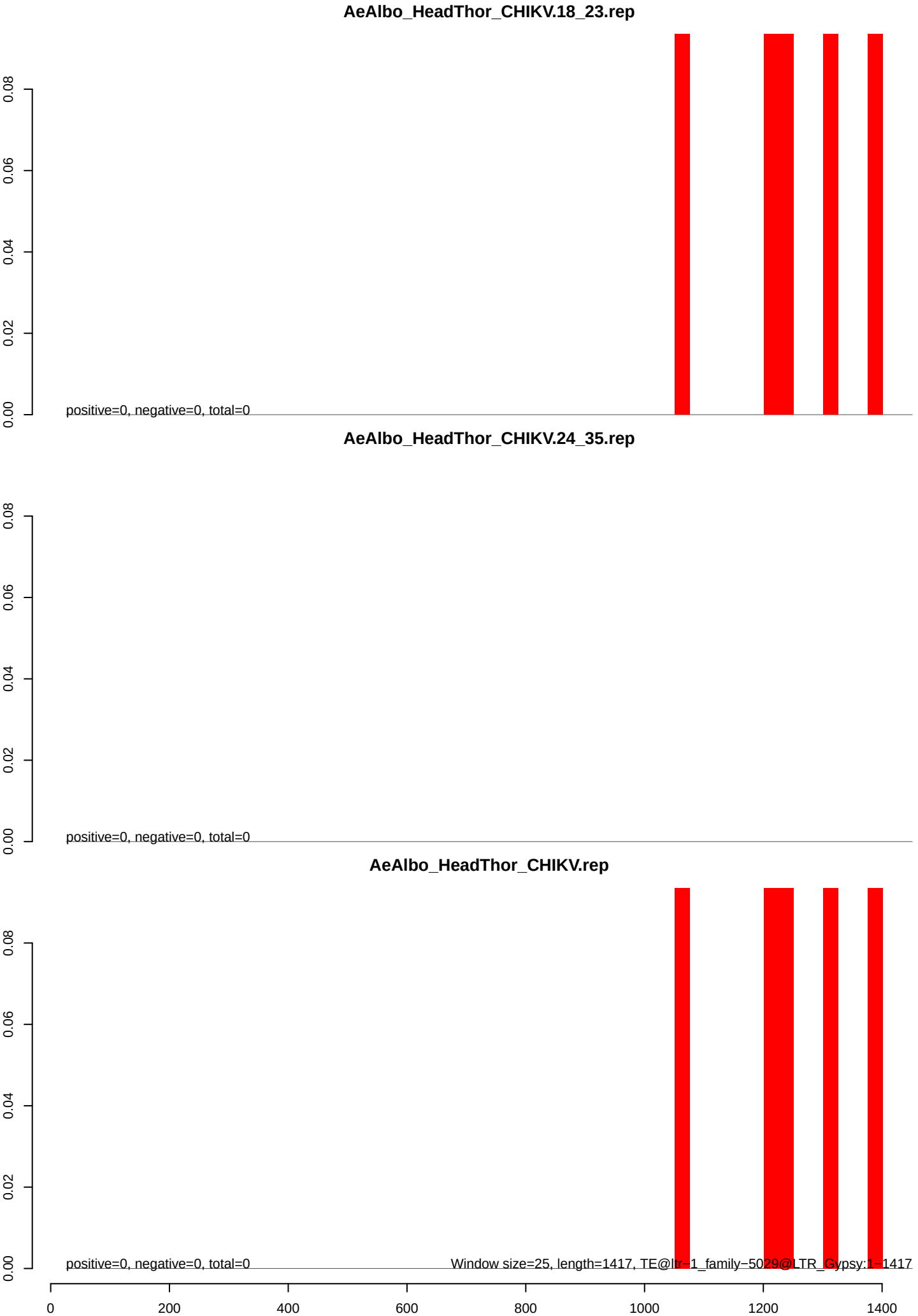

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1253, TE@ltr−1_family−5267@LINE_l1−1253
0
200
400
600
800
1000
1200

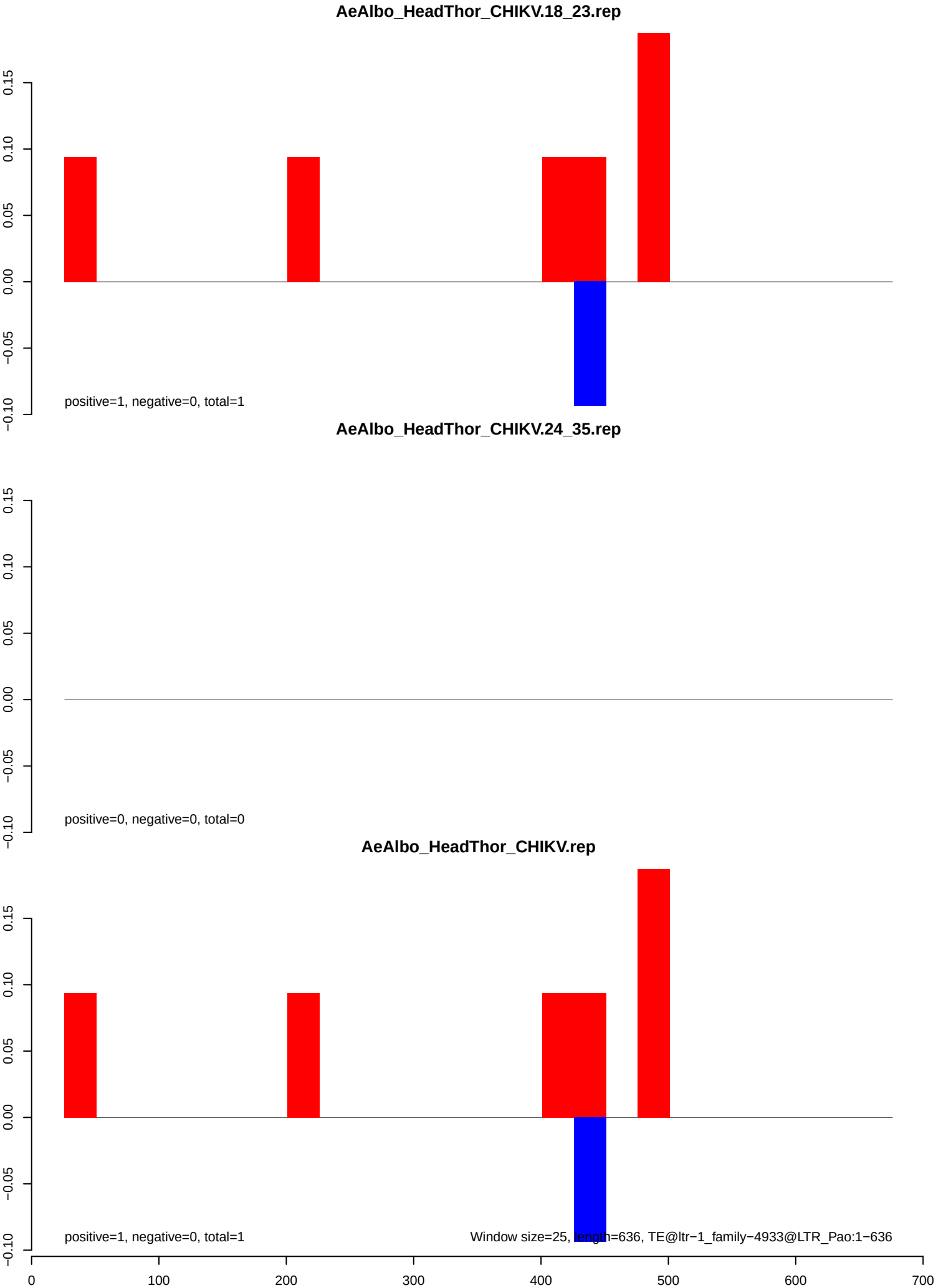

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1389, TE@ltr−1_family−5229@LTR_Gypsy:1−1389
0
200
400
600
800
1000
1200
1400

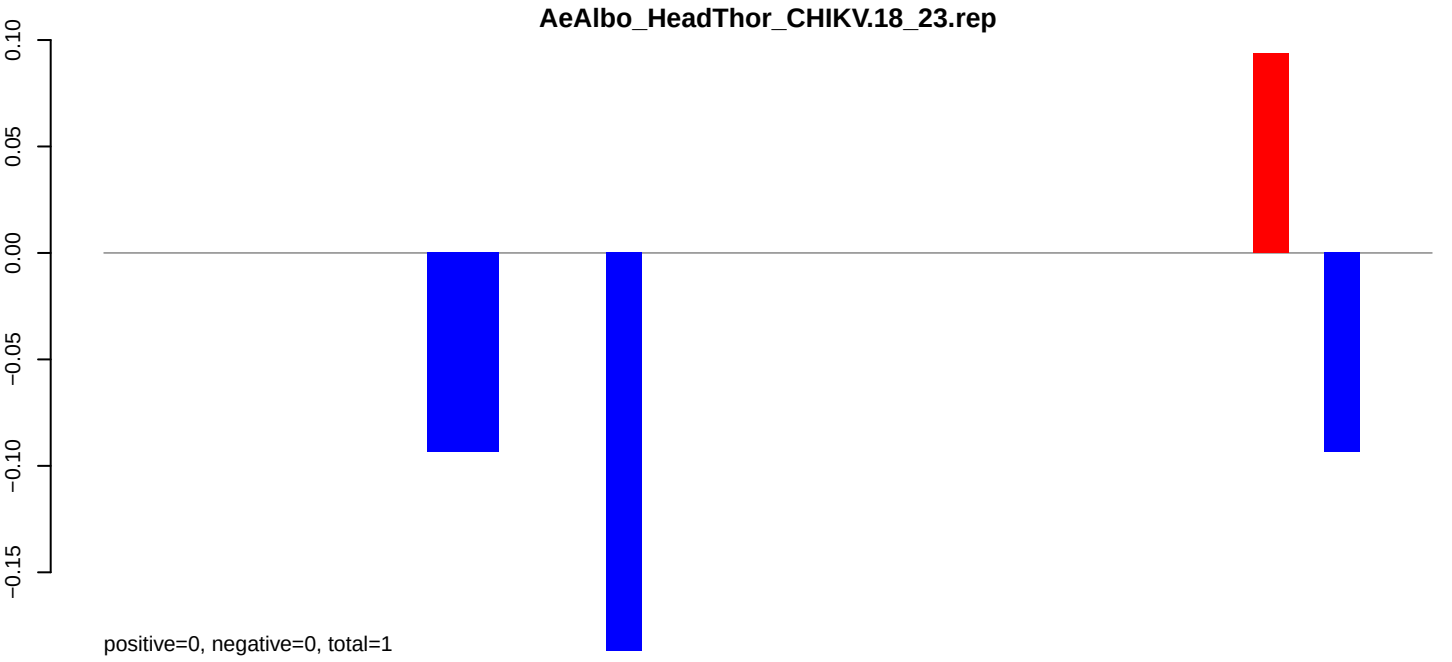

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=666, TE@ltr−1_family−521@LTR_Pao:1−666
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=1978, TE@ltr−1_family−5179@LTR_Gypsy:1−1978
0
500
1000
1500
2000

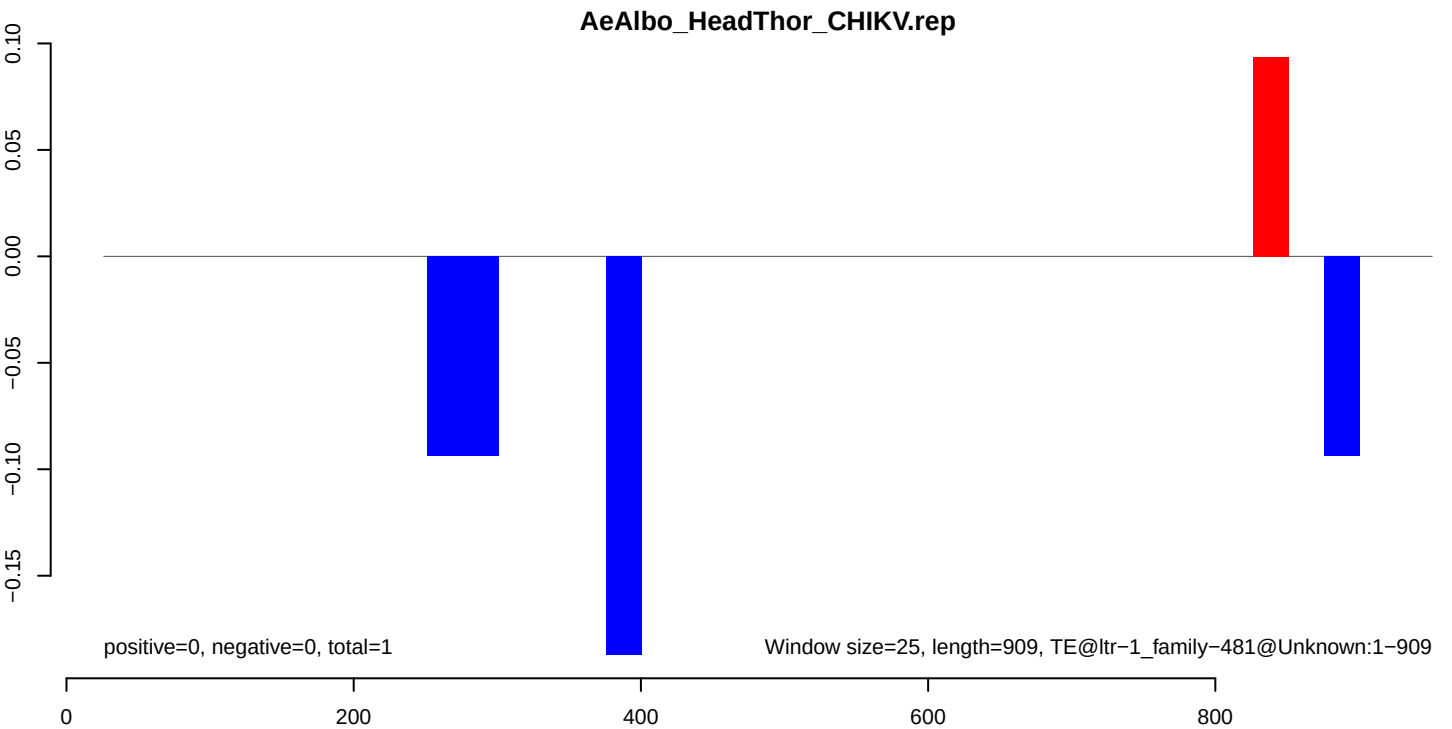

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1473, TE@ltr−1_family−5137@LTR_Gypsy:1−1473
0
500
1000
1500

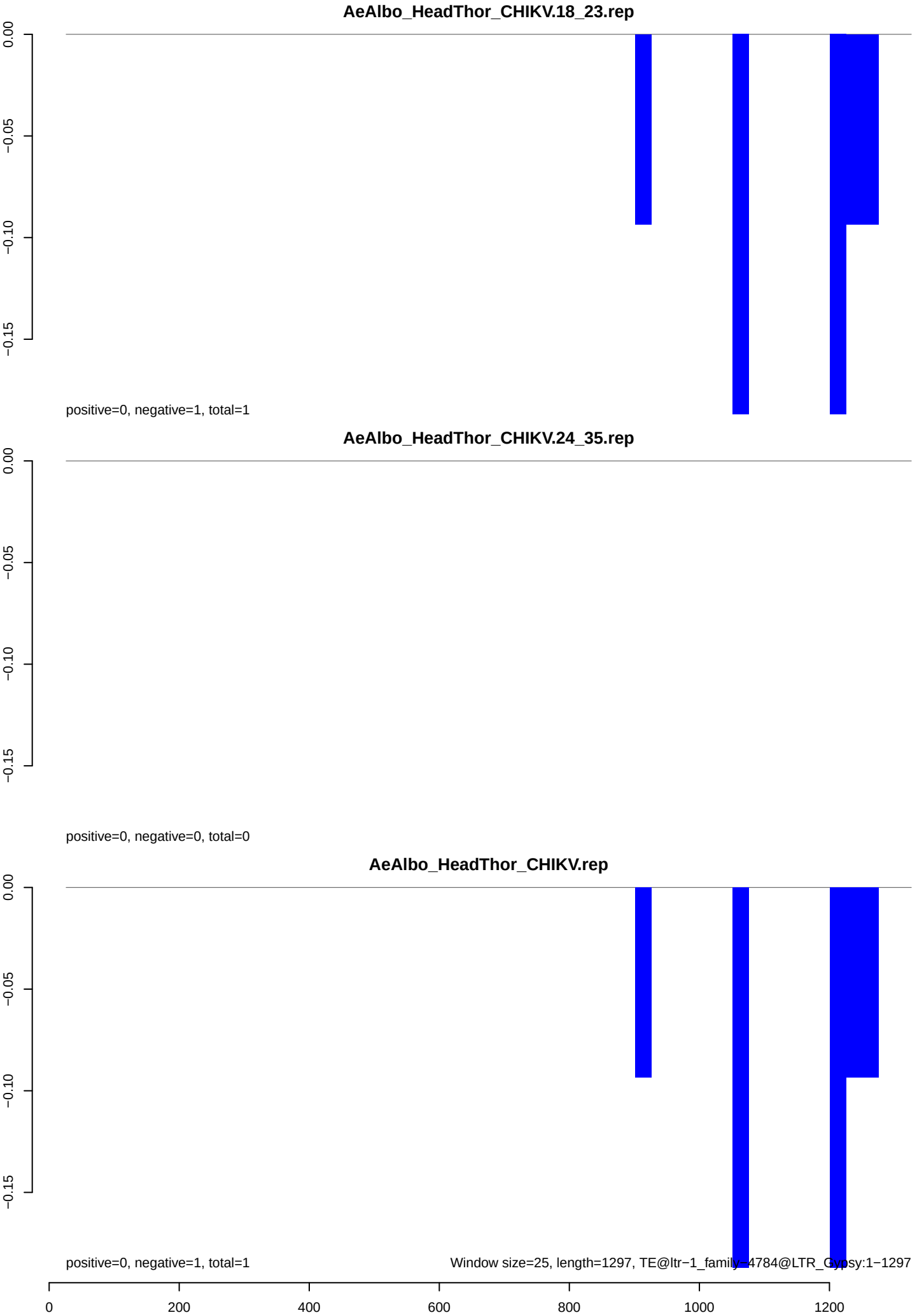

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1417, TE@ltr−1_family−5029@LTR_Gypsy:1−1417
0
200
400
600
800
1000
1200
1400

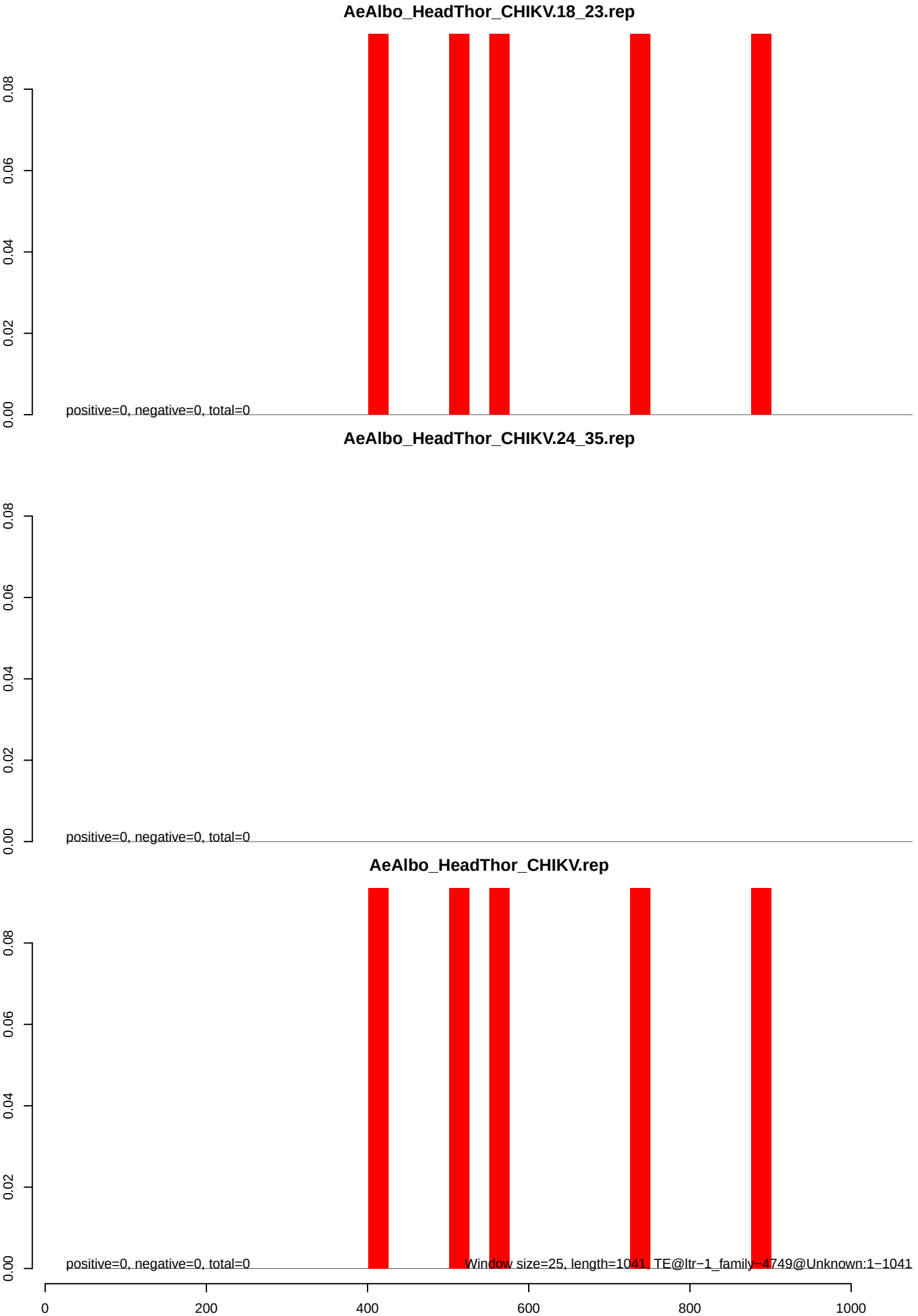

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=636, TE@ltr−1_family−4933@LTR_Pao:1−636
0
100
200
300
400
500
600
700

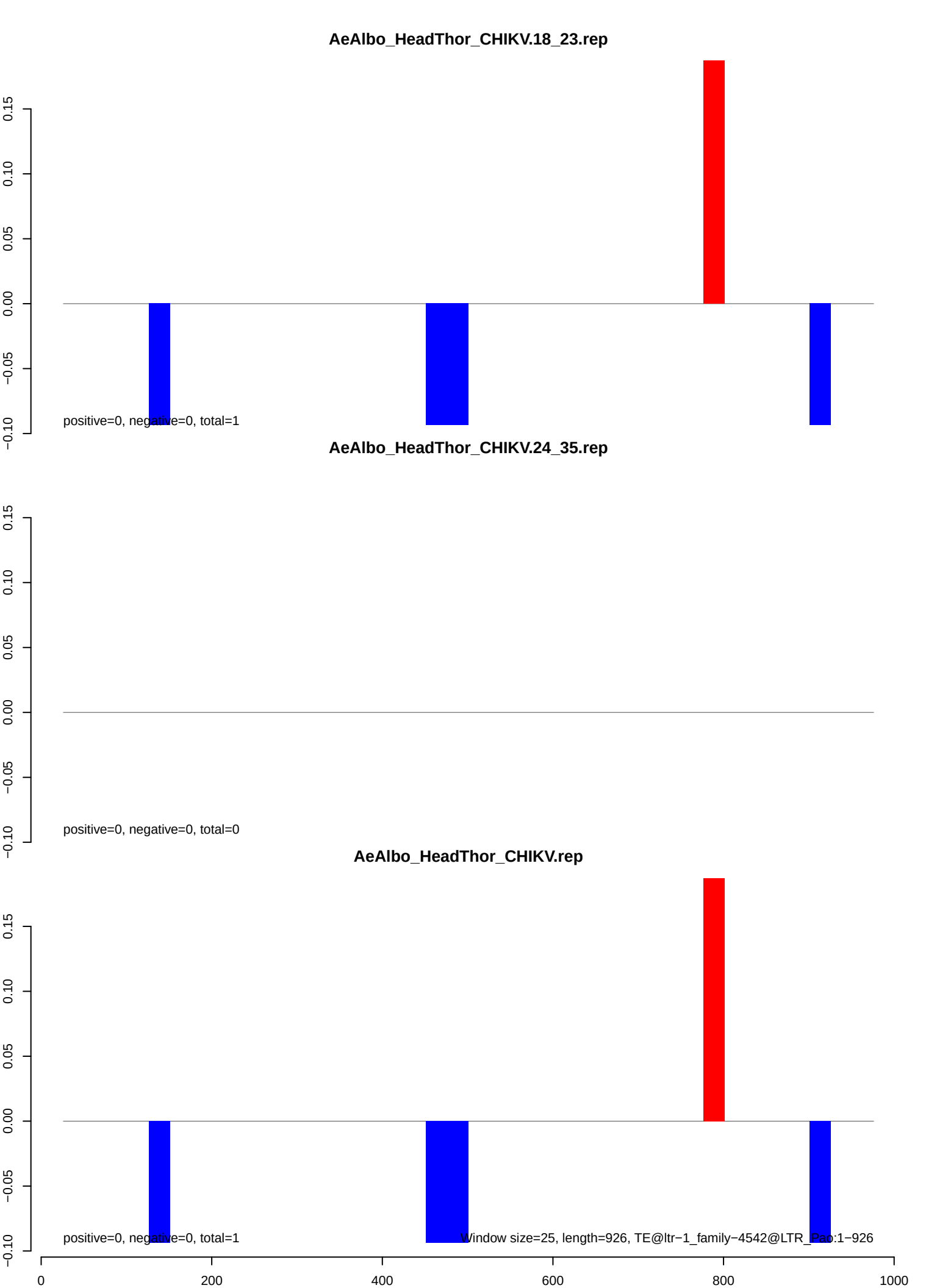

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

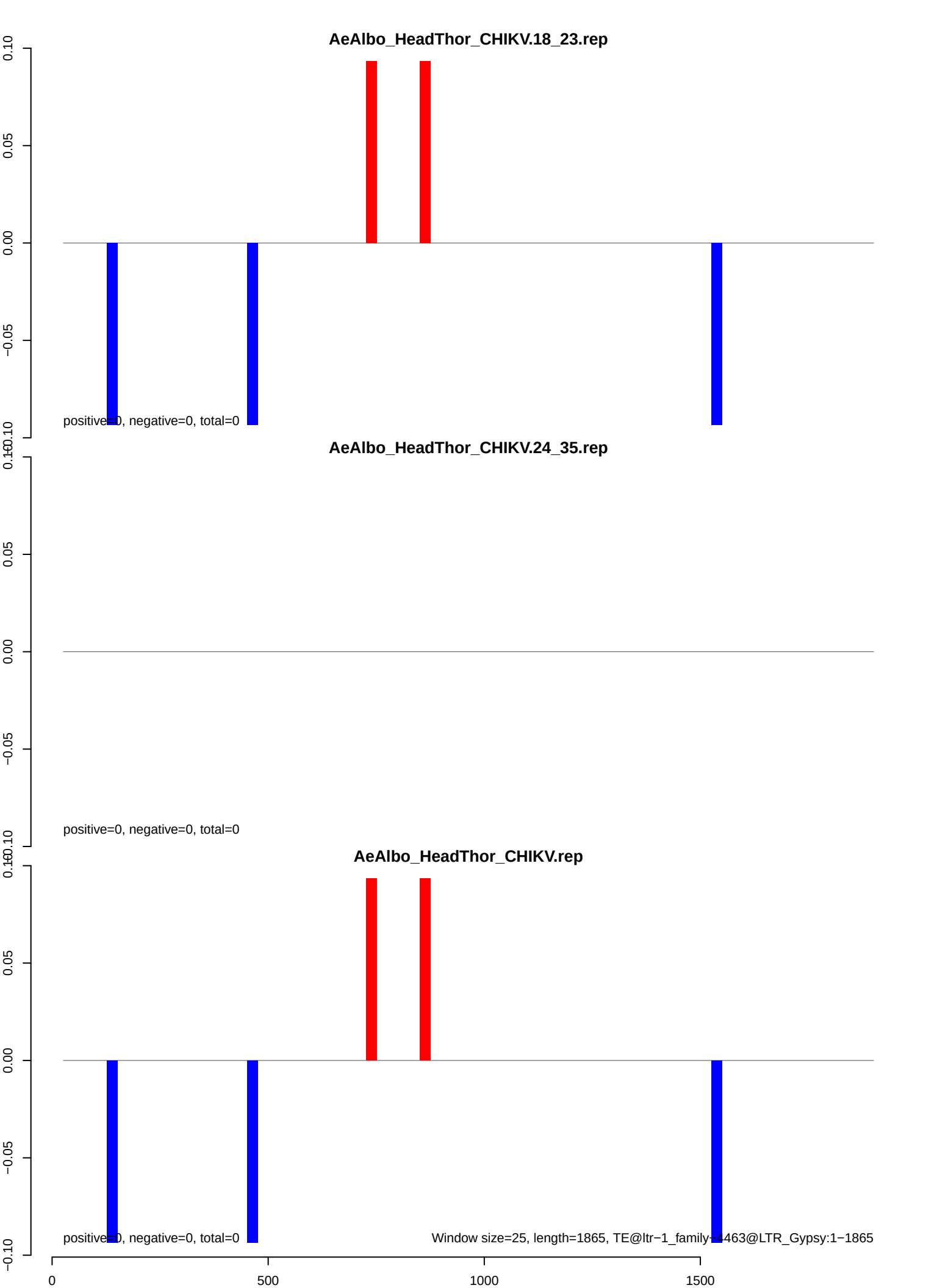
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

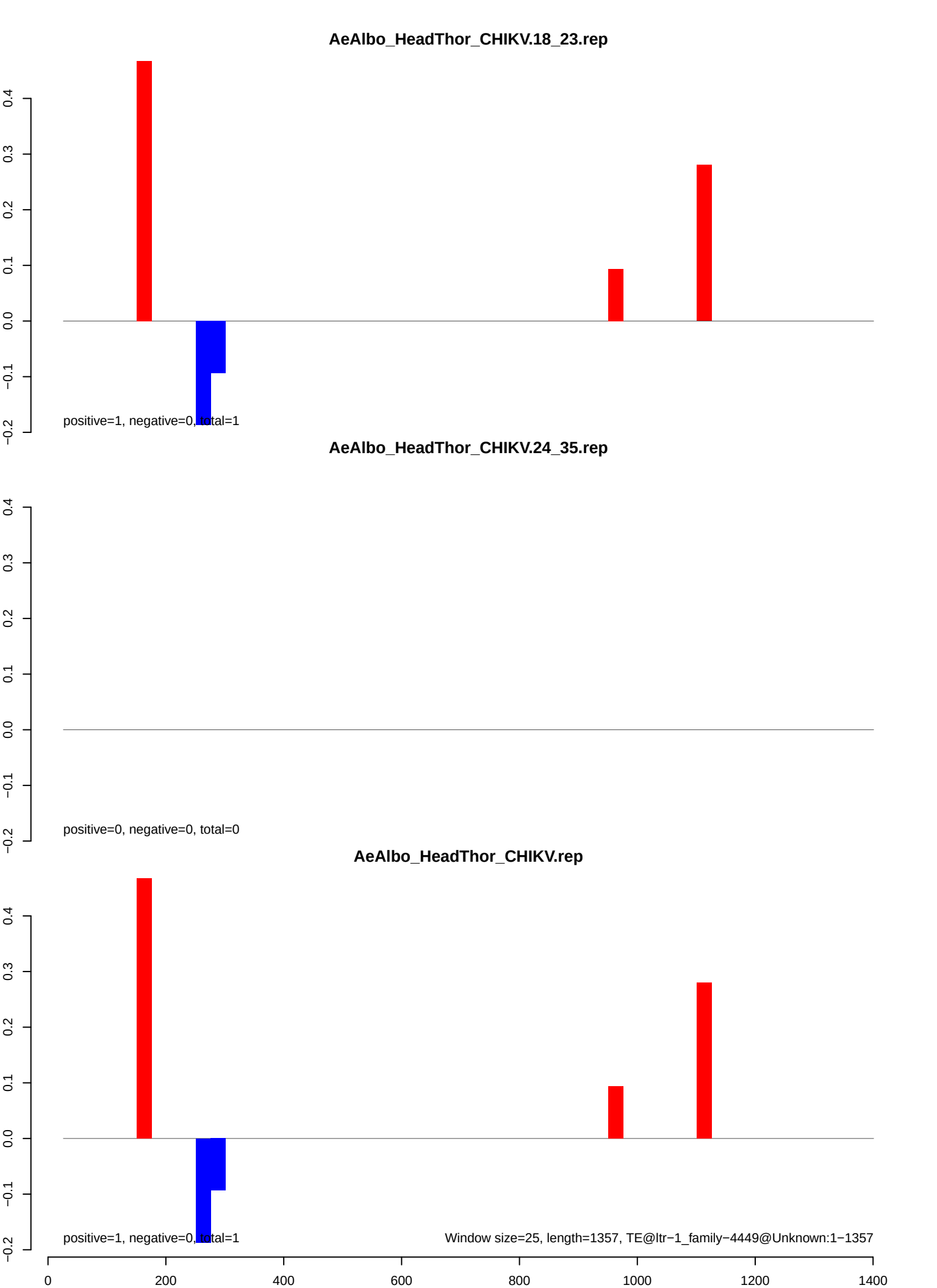

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=909, TE@ltr−1_family−481@Unknown:1−909
0
200
400
600
800

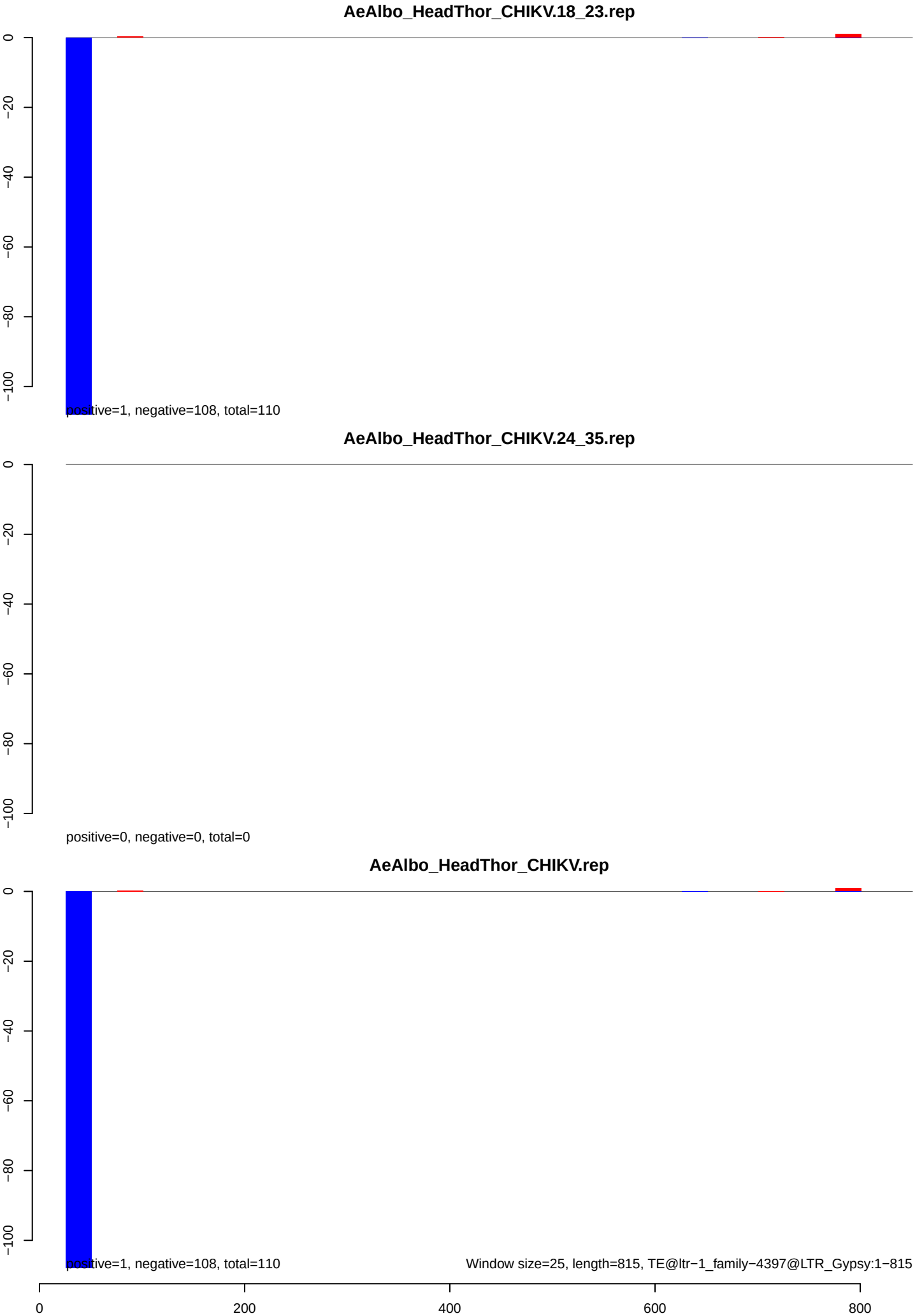

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=1297, TE@ltr−1_family−4784@LTR_Gypsy:1−1297
0
200
400
600
800
1000
1200

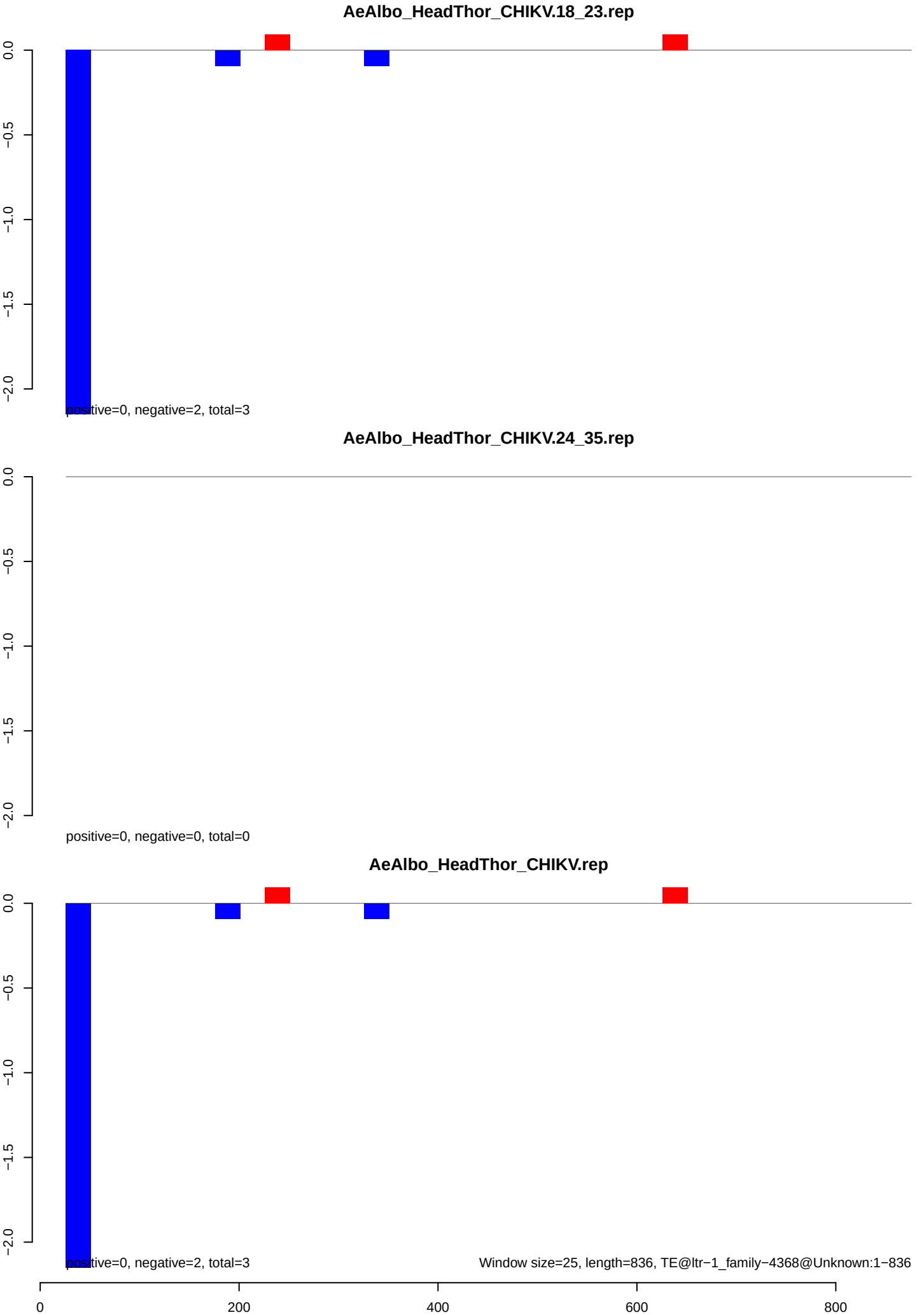

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1041, TE@ltr−1_family−4749@Unknown:1−1041
0
200
400
600
800
1000

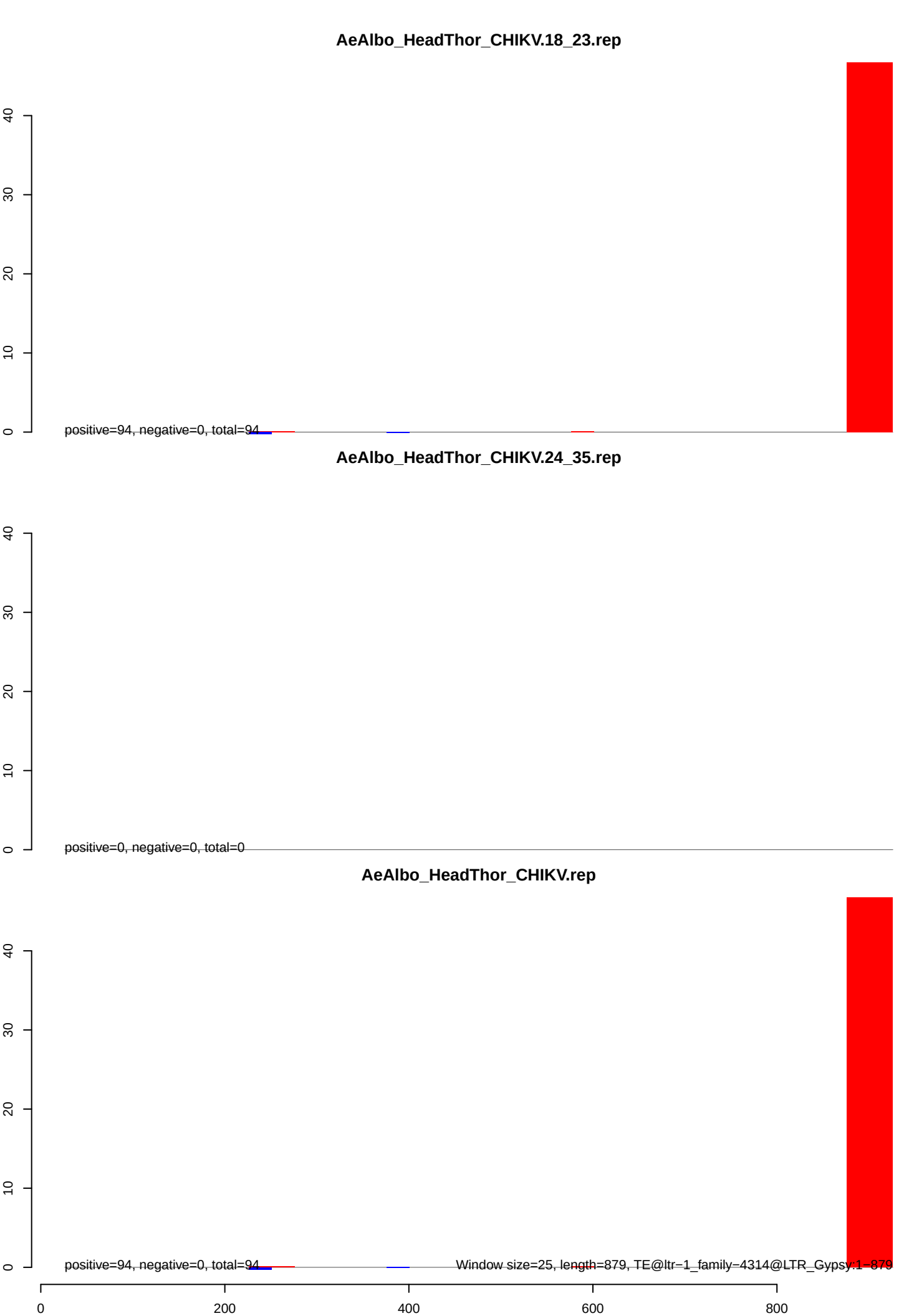

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=926, TE@ltr−1_family−4542@LTR_Pao:1−926
0
200
400
600
800
1000

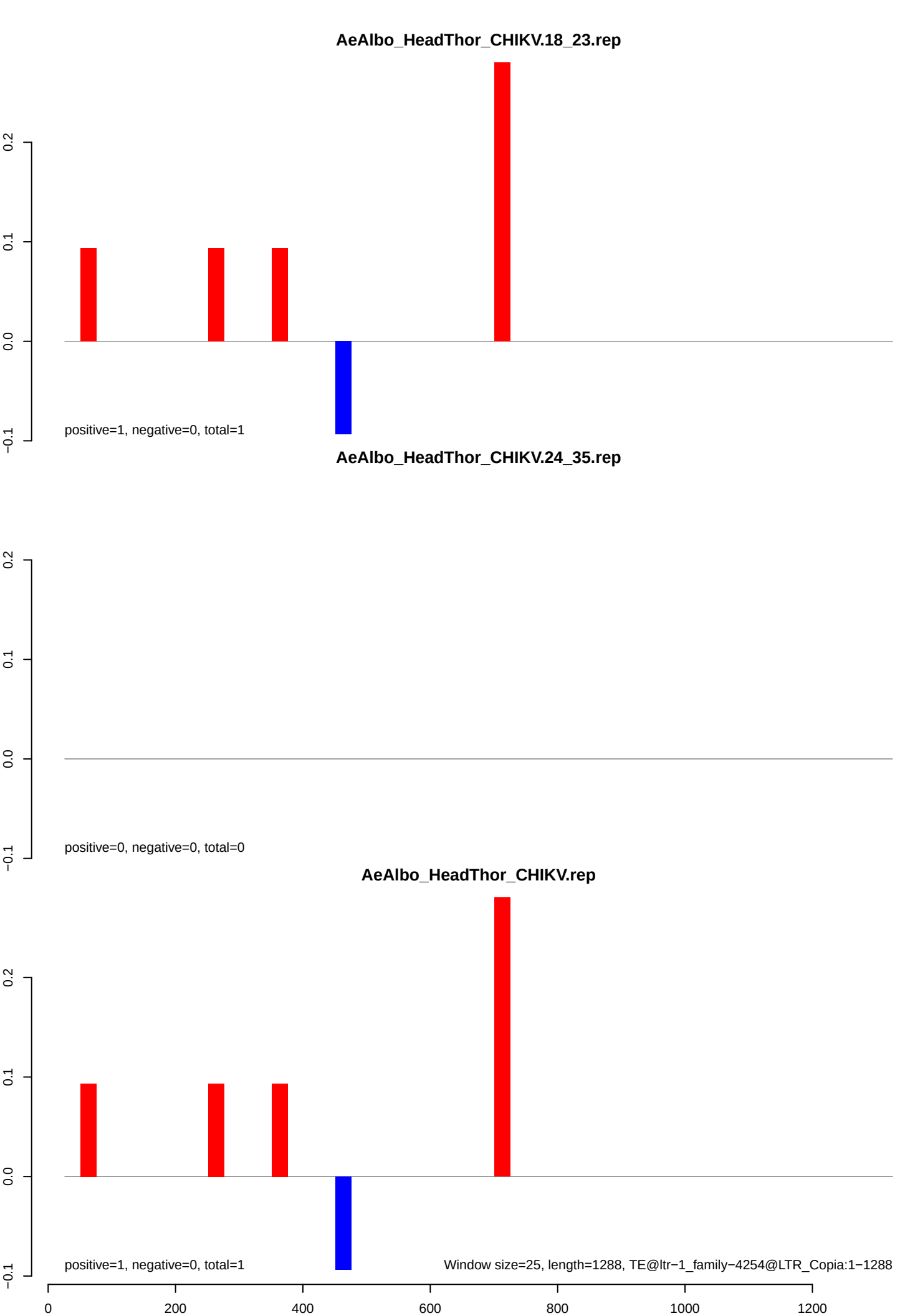

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1865, TE@ltr−1_family−4463@LTR_Gypsy:1−1865
0
500
1000
1500

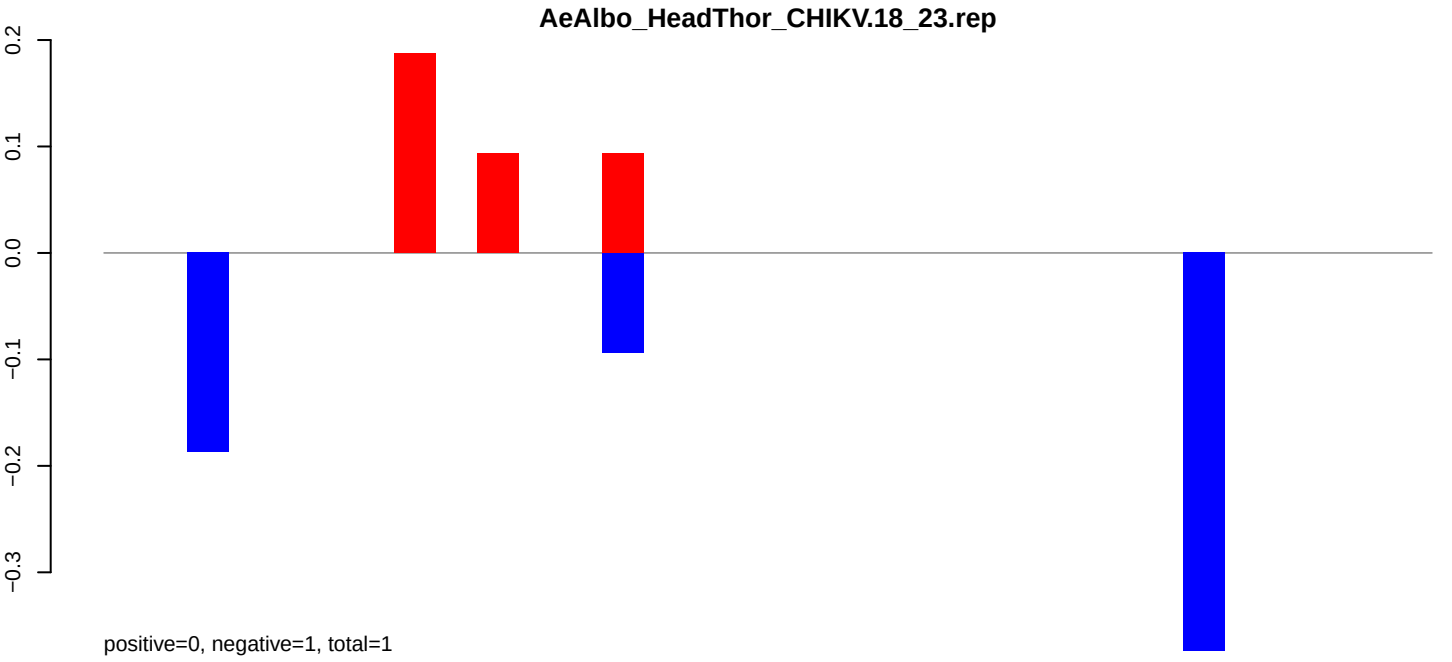

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=1357, TE@ltr−1_family−4449@Unknown:1−1357
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000
1200
1400


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=1, negative=108, total=110
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=1, negative=108, total=110
Window size=25, length=815, TE@ltr−1_family−4397@LTR_Gypsy:1−815
0
200
400
600
800

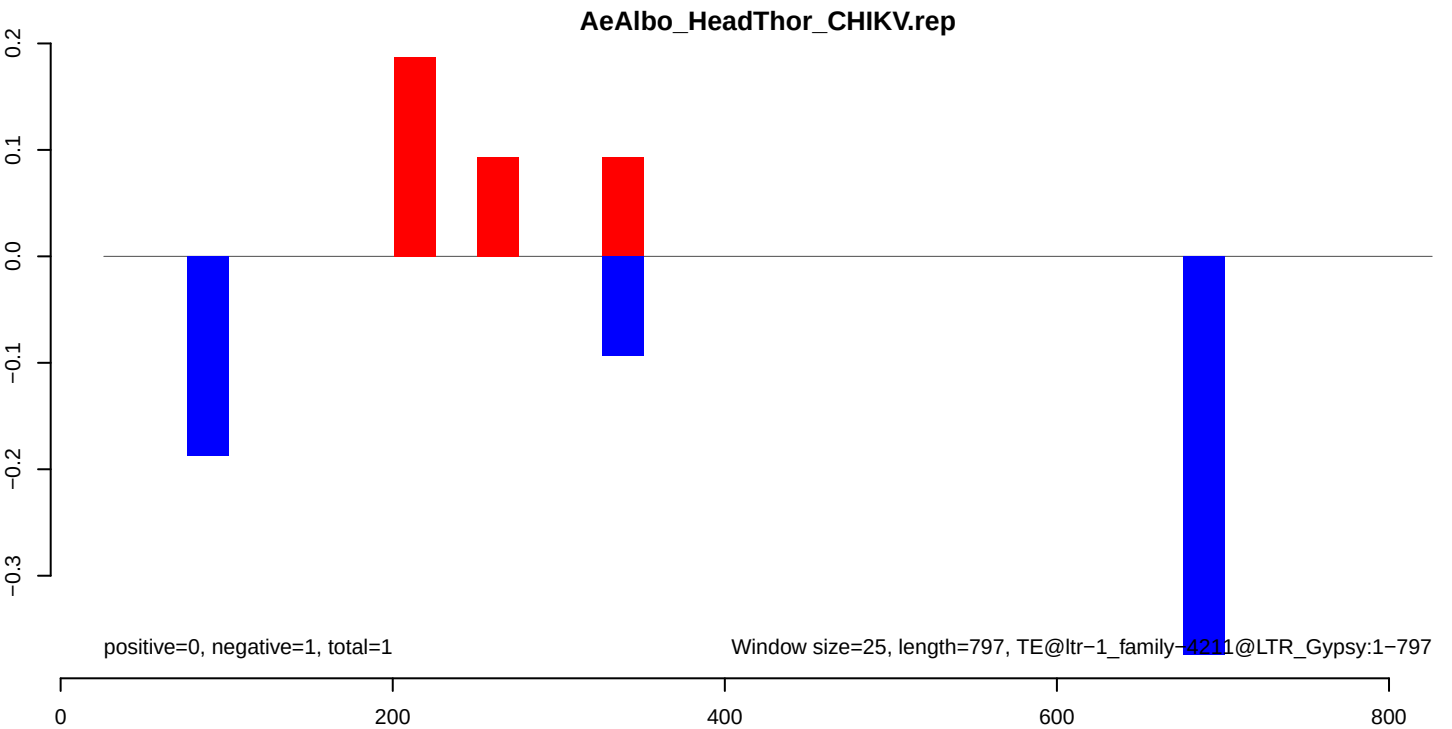

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=3
Window size=25, length=836, TE@ltr−1_family−4368@Unknown:1−836
0
200
400
600
800

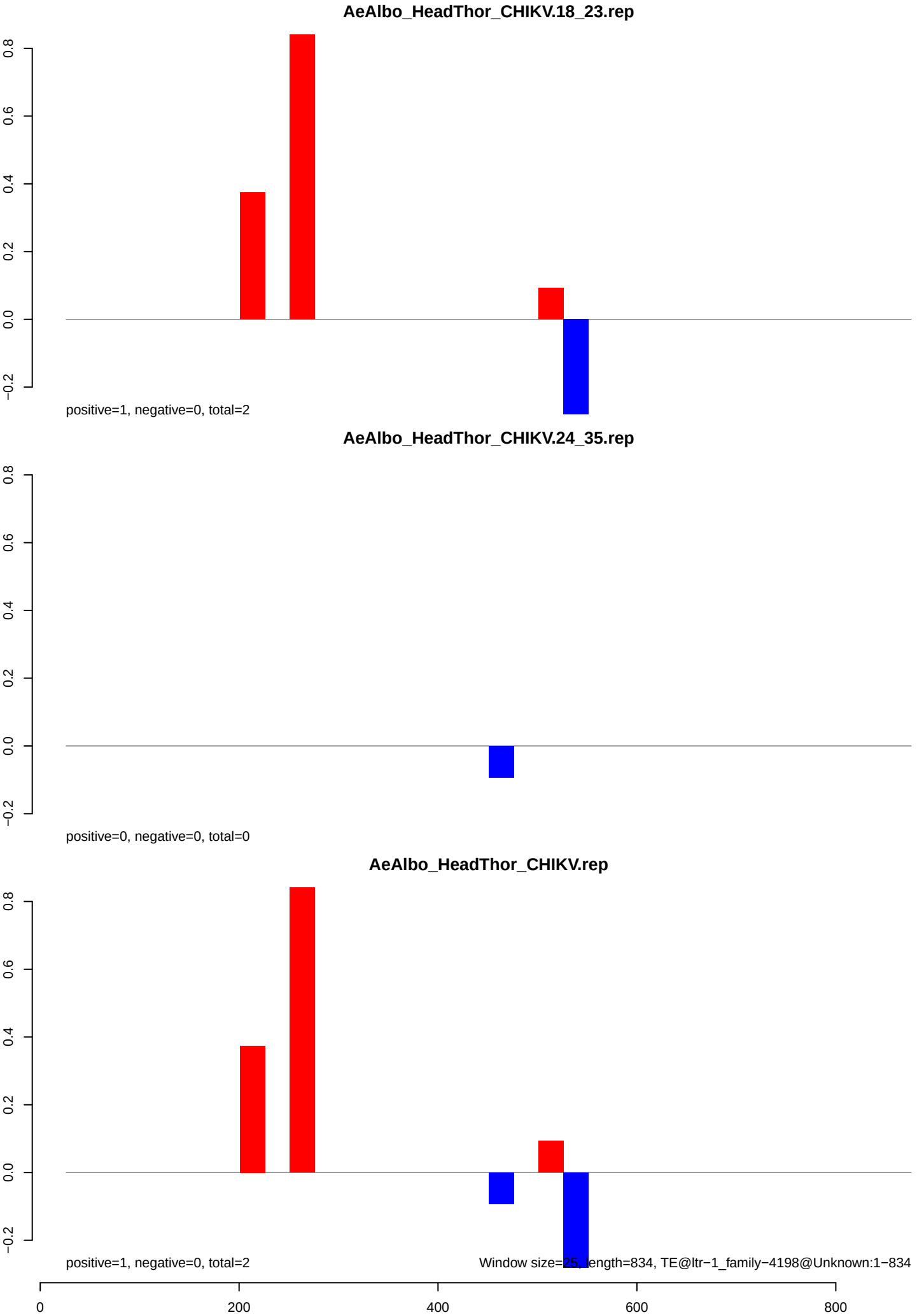

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=94, negative=0, total=94
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=94, negative=0, total=94
Window size=25, length=879, TE@ltr=1_family=4314@LTR_Gypsy:1-879
0
200
400
600
800

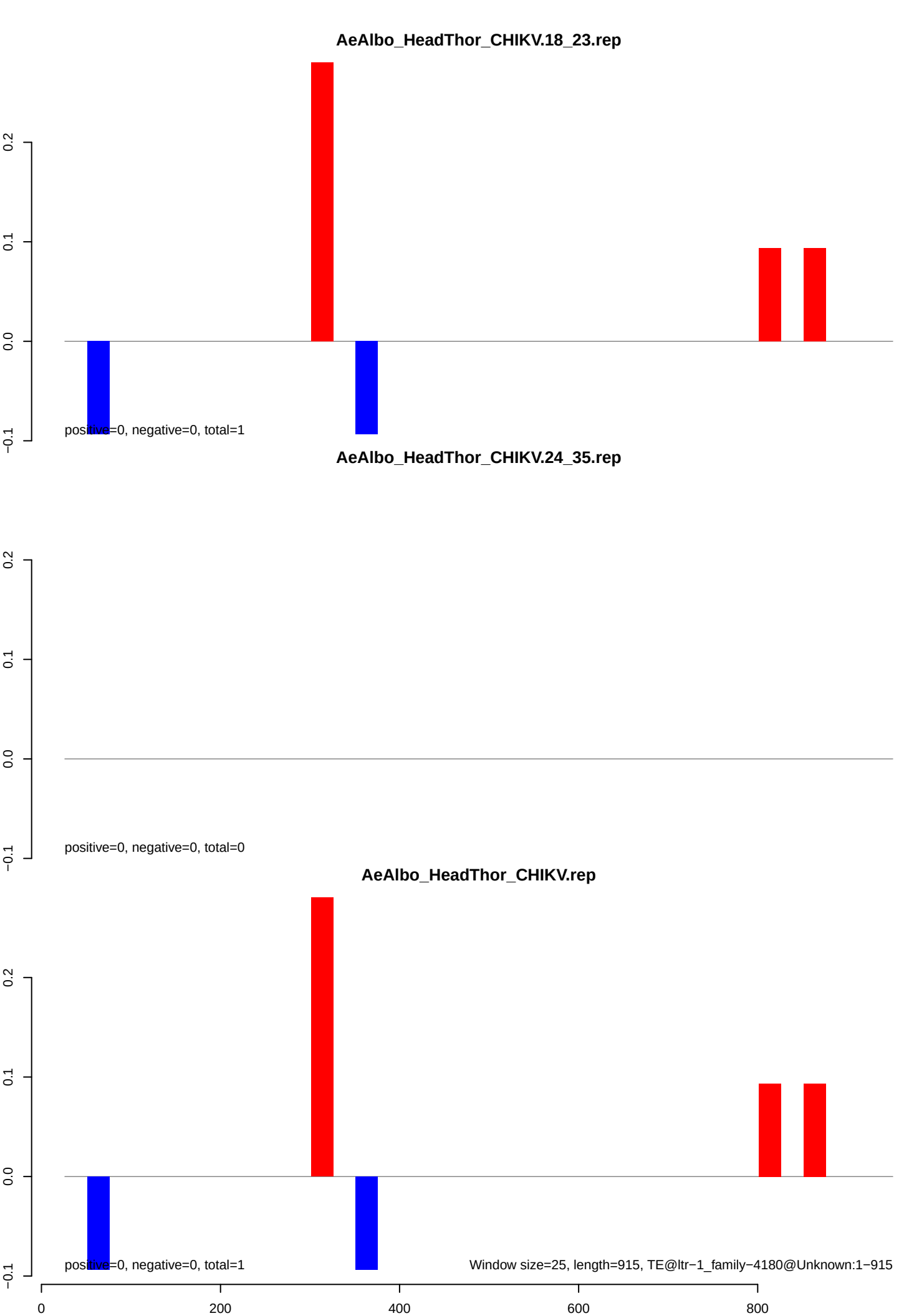

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1288, TE@ltr−1_family−4254@LTR_Copia:1−1288
0
200
400
600
800
1000
1200

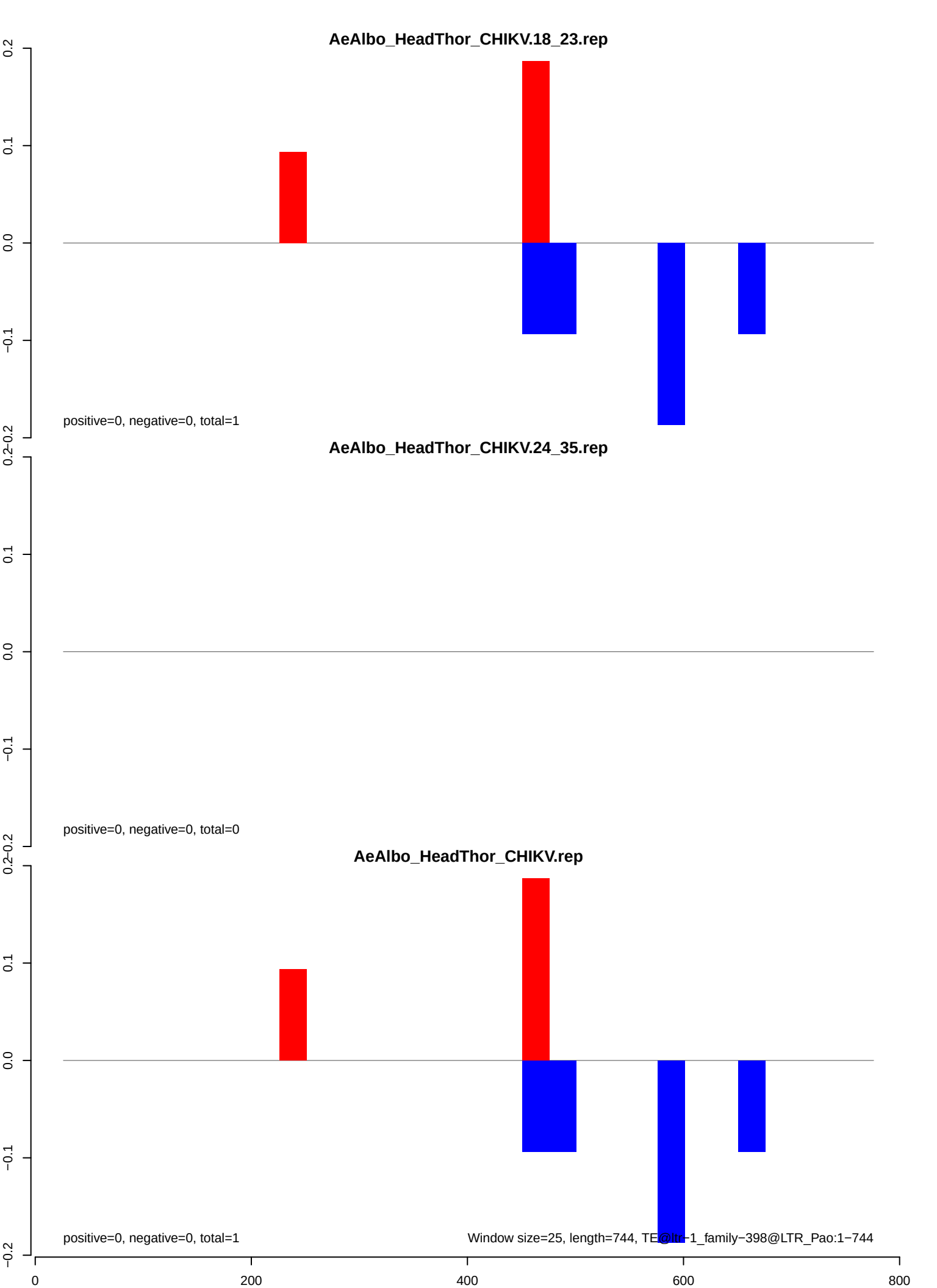

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1

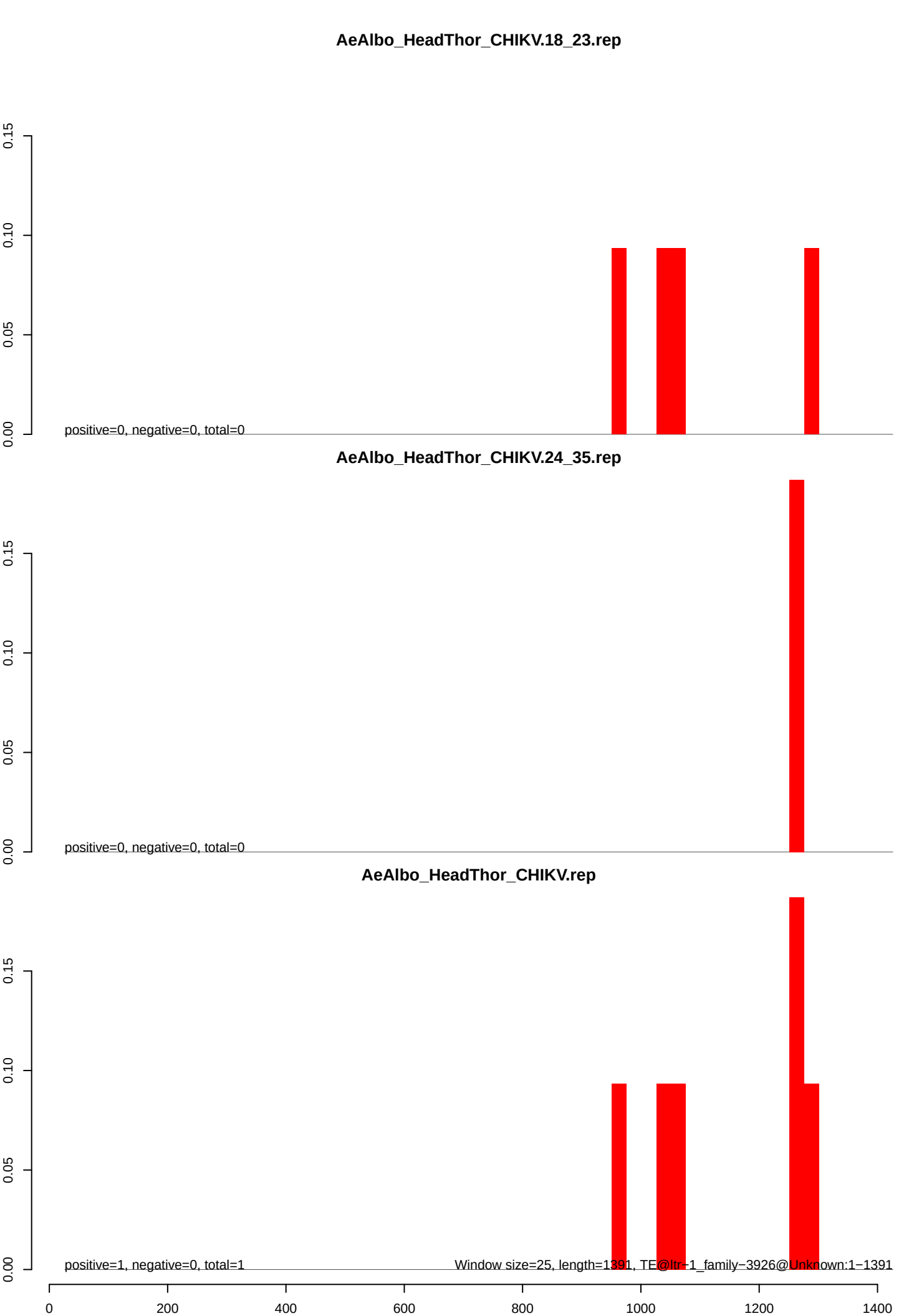
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

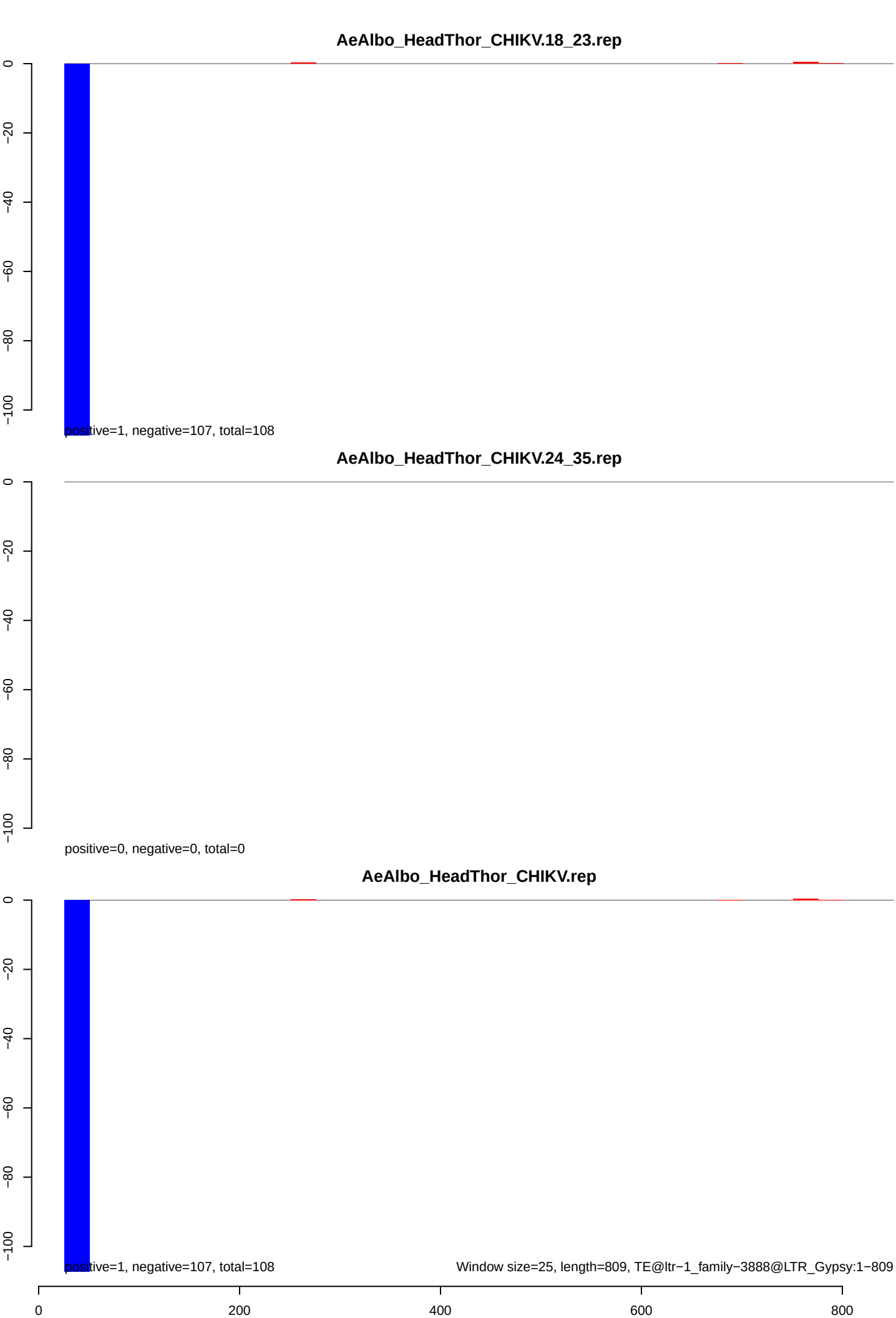

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=797, TE@ltr−1_family−4211@LTR_Gypsy:1−797
0
200
400
600
800

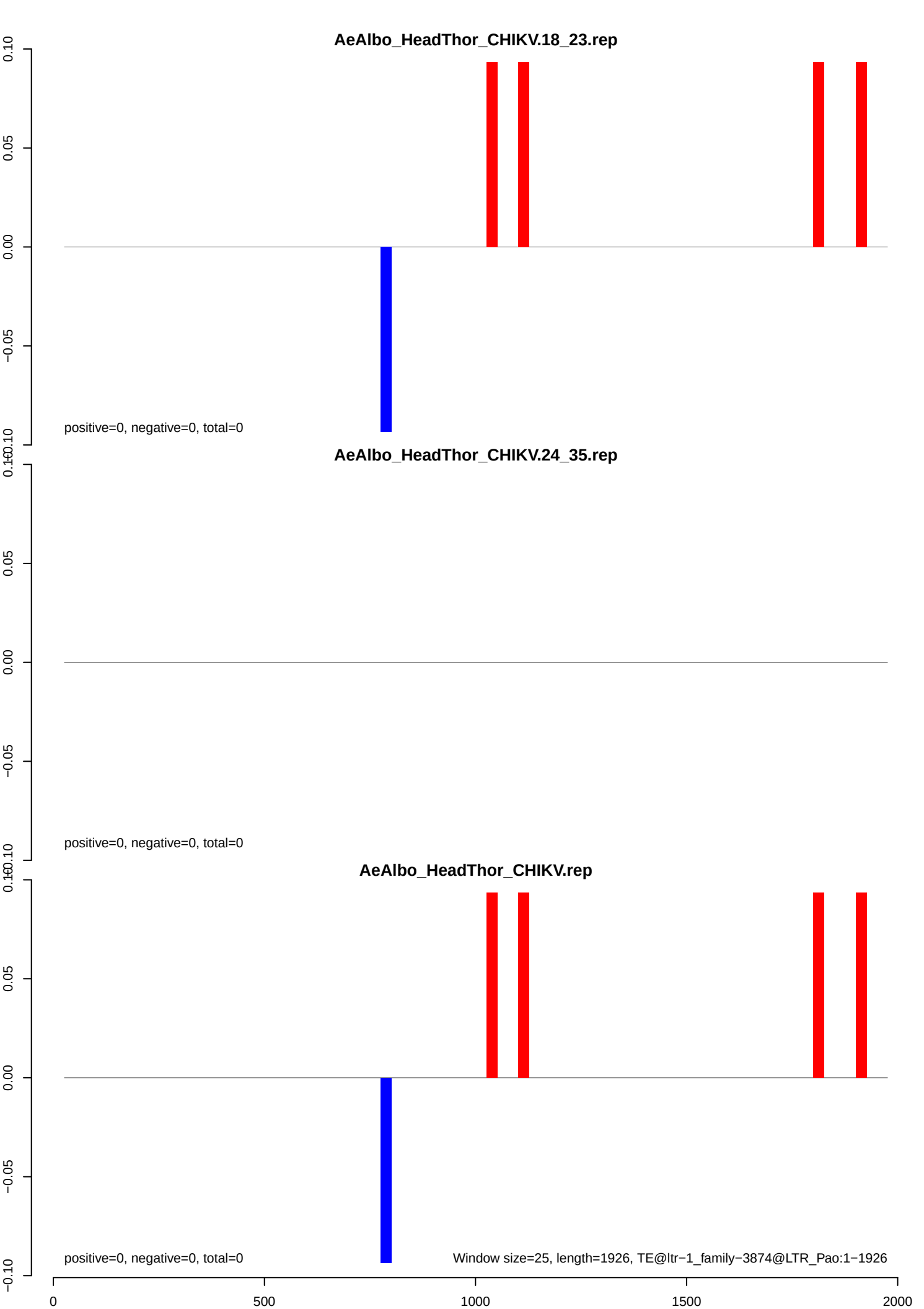

AeAlbo_HeadThor_CHIKV.18_23.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.8
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=2
Window size=25, length=834, TE@ltr−1_family−4198@Unknown:1−834
0
200
400
600
800

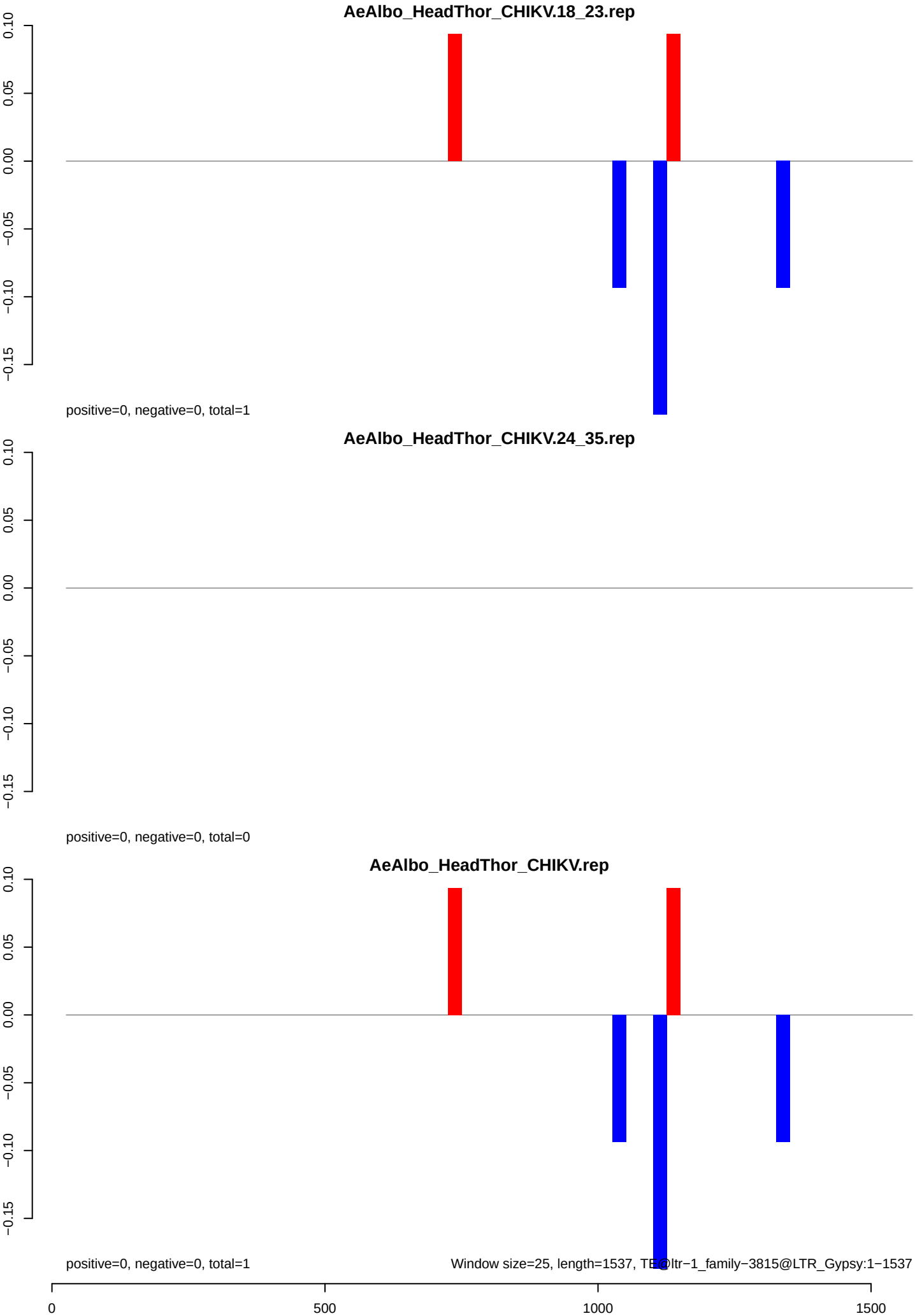

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=915, TE@ltr−1_family−4180@Unknown:1−915
0
200
400
600
800

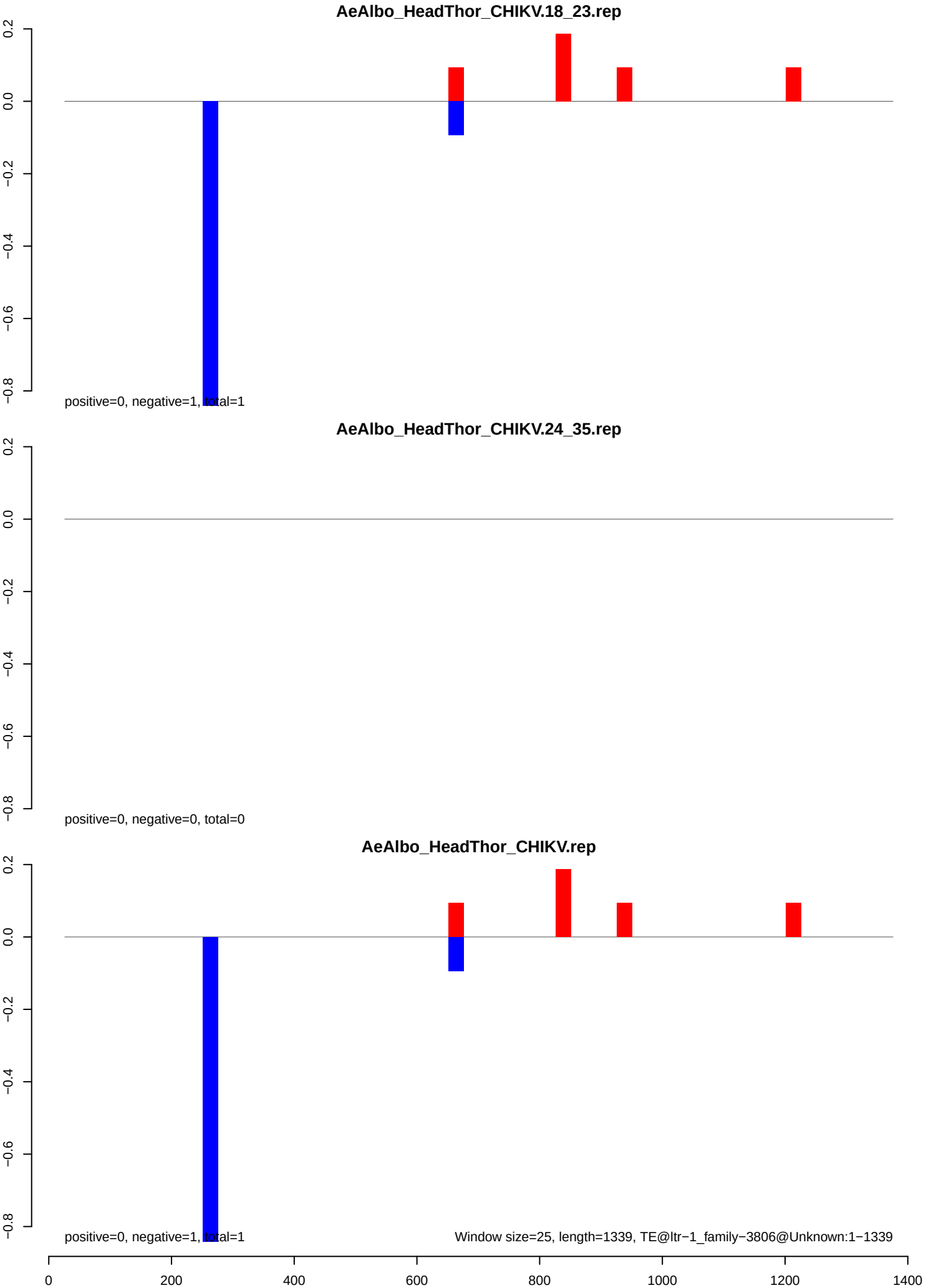

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=744, TE@ltr−1_family−398@LTR_Pao:1−744
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800

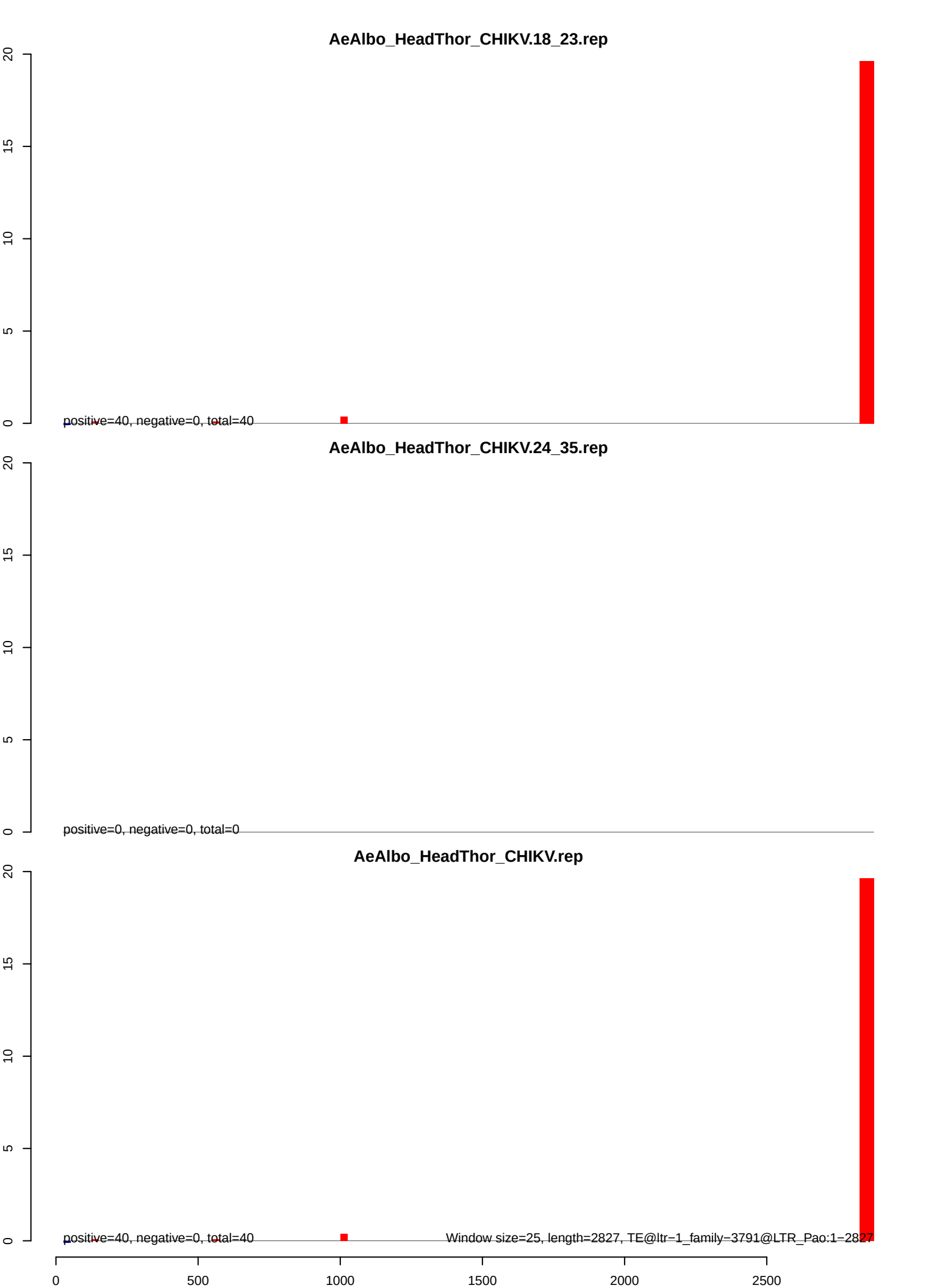

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=1, negative=0, total=1
Window size=25, length=1391, TE@ltr−1_family−3926@Unknown:1−1391
0
200
400
600
800
1000
1200
1400

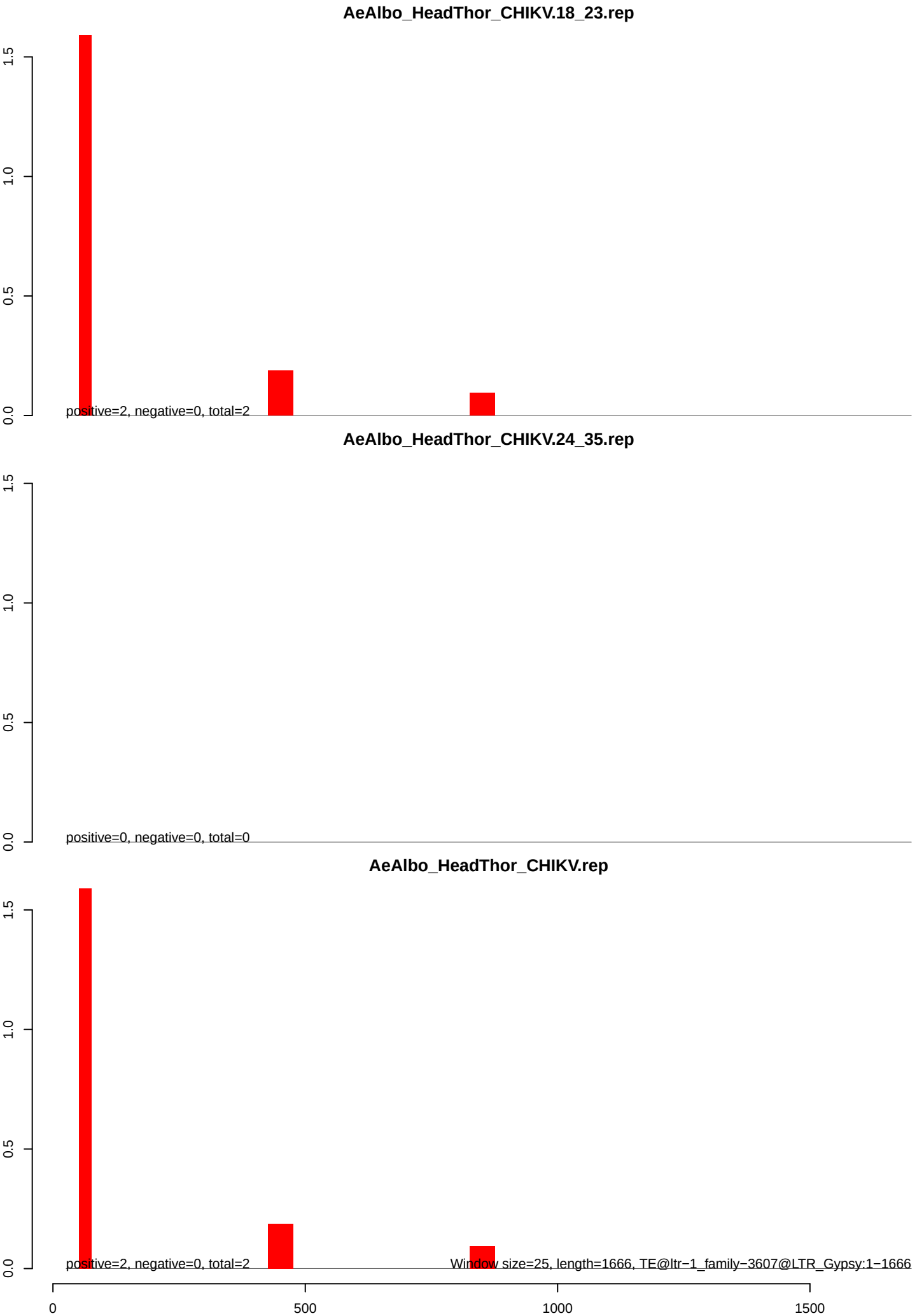

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−20
−40
−60
−80
−100
positive=1, negative=107, total=108
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−20
−40
−60
−80
−100
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−20
−40
−60
−80
−100
positive=1, negative=107, total=108
Window size=25, length=809, TE@ltr−1_family−3888@LTR_Gypsy:1−809
0
200
400
600
800

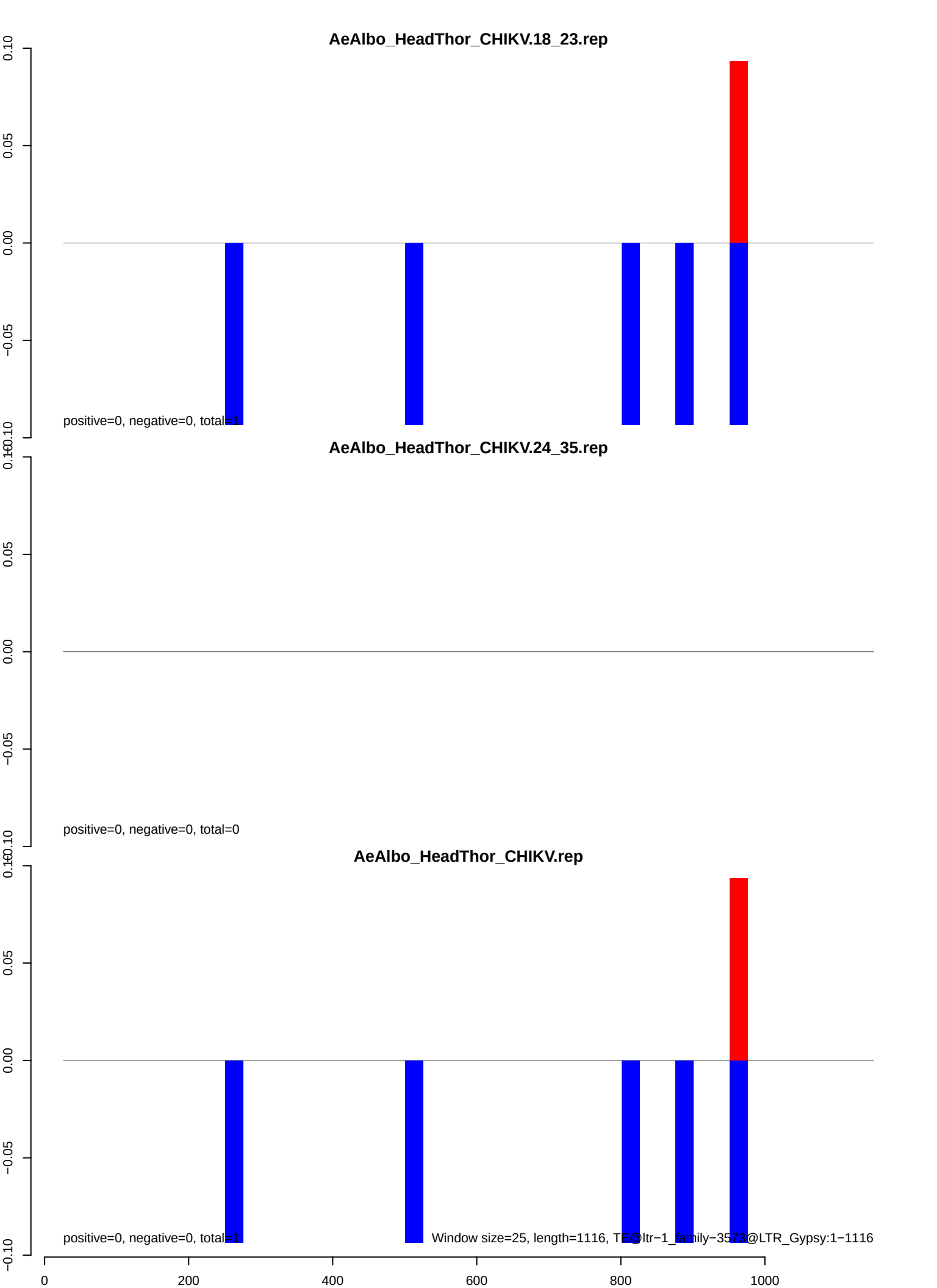

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1926, TE@ltr−1_family−3874@LTR_Pao:1−1926
0
500
1000
1500
2000

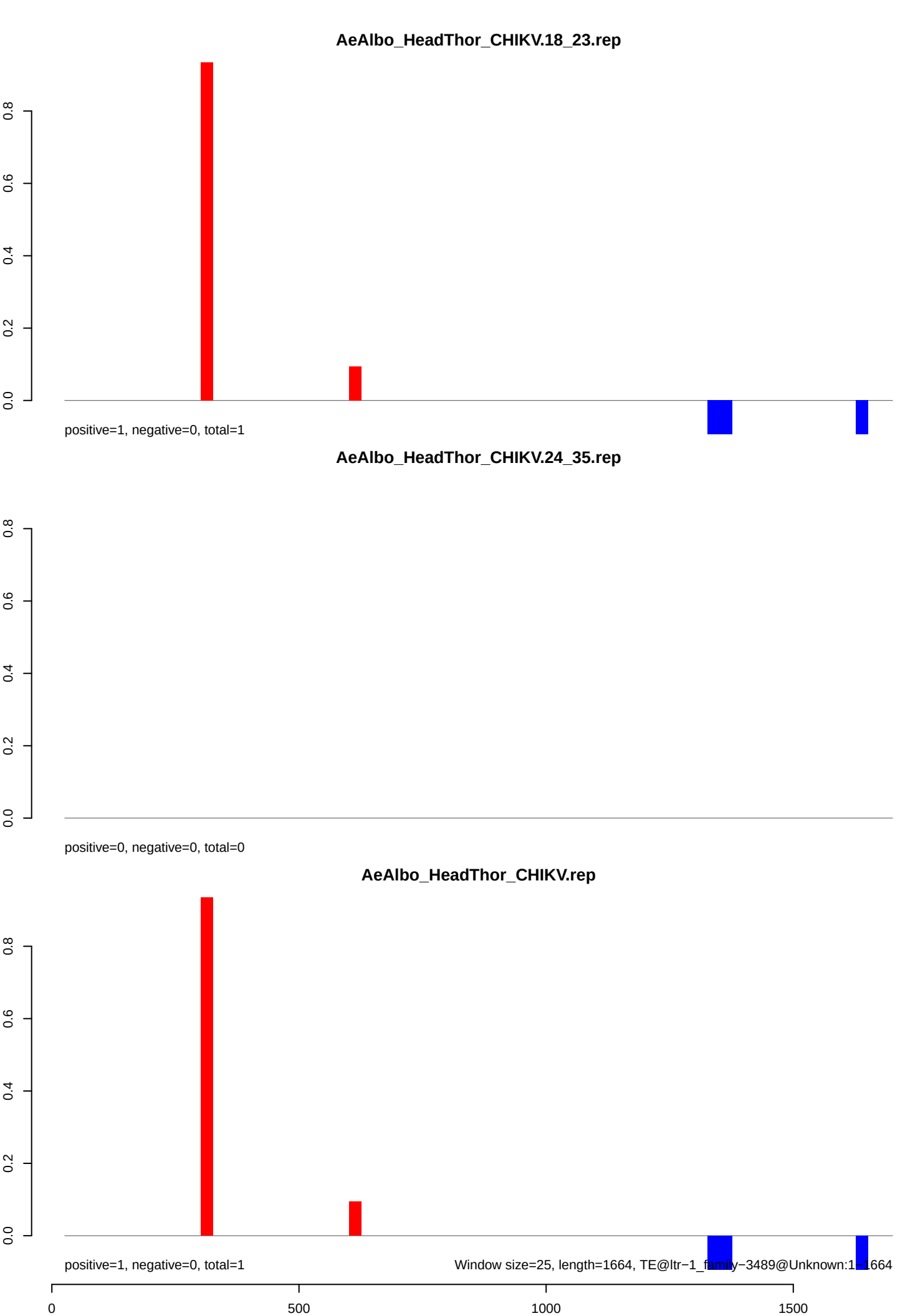

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1537, TE@ltr−1_family−3815@LTR_Gypsy:1−1537
0
500
1000
1500

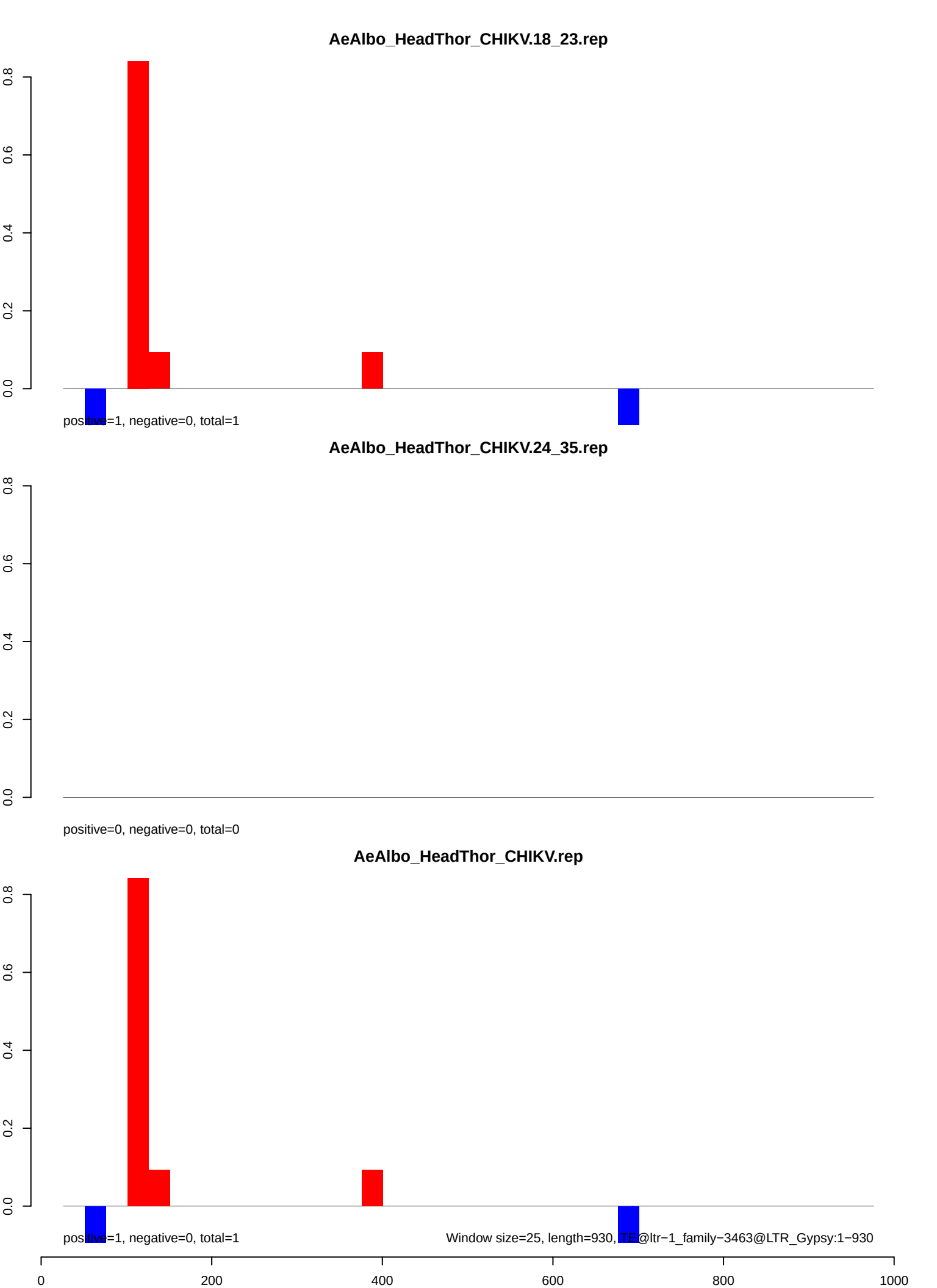

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1
Window size=25, length=1339, TE@ltr−1_family−3806@Unknown:1−1339
0
200
400
600
800
1000
1200
1400

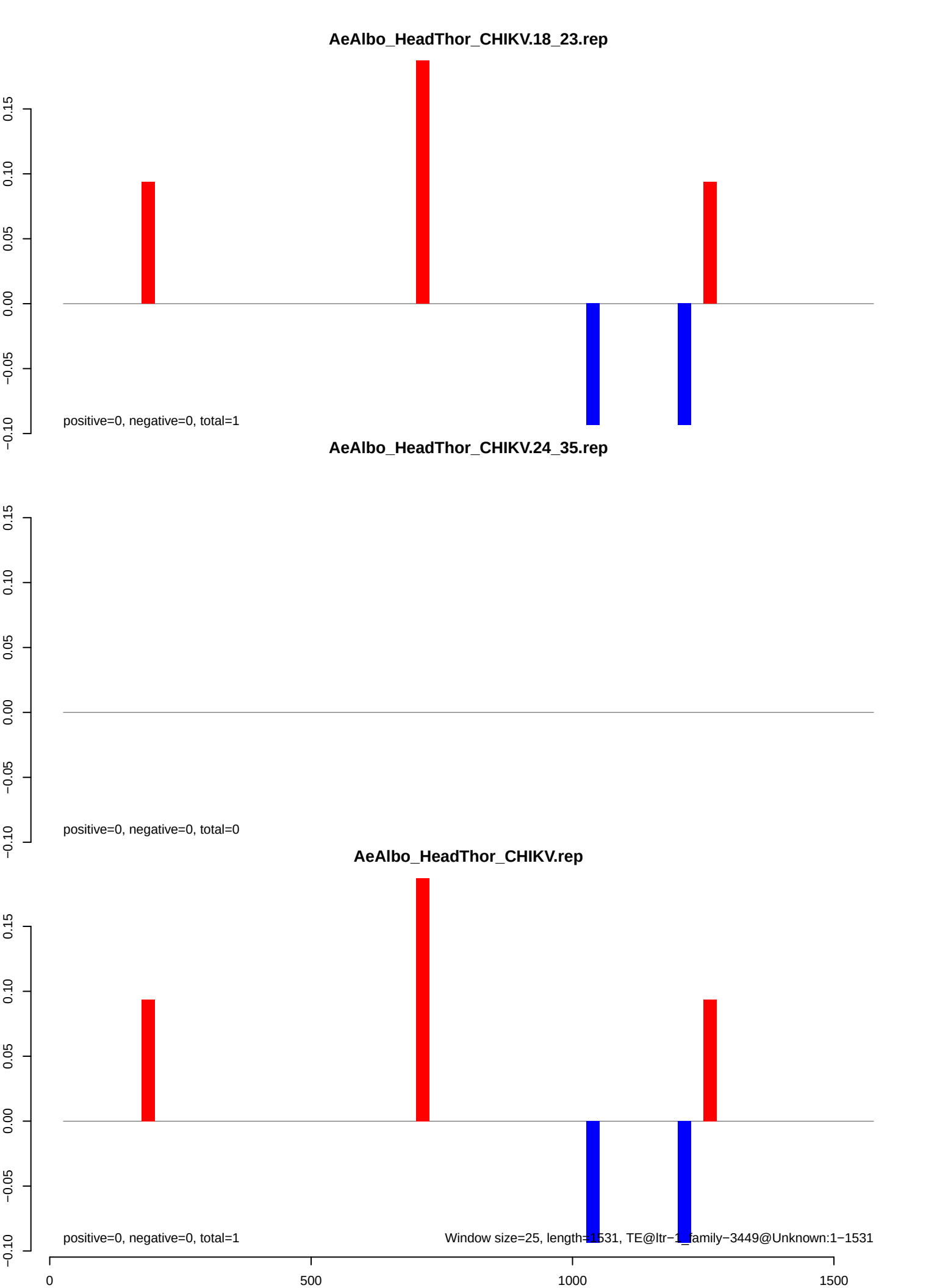

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=40, negative=0, total=40
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=40, negative=0, total=40
Window size=25, length=2827, TE@ltr−1_family−3791@LTR_Pao:1−2827
0
5
10
15
20
0
500
1000
1500
2000
2500

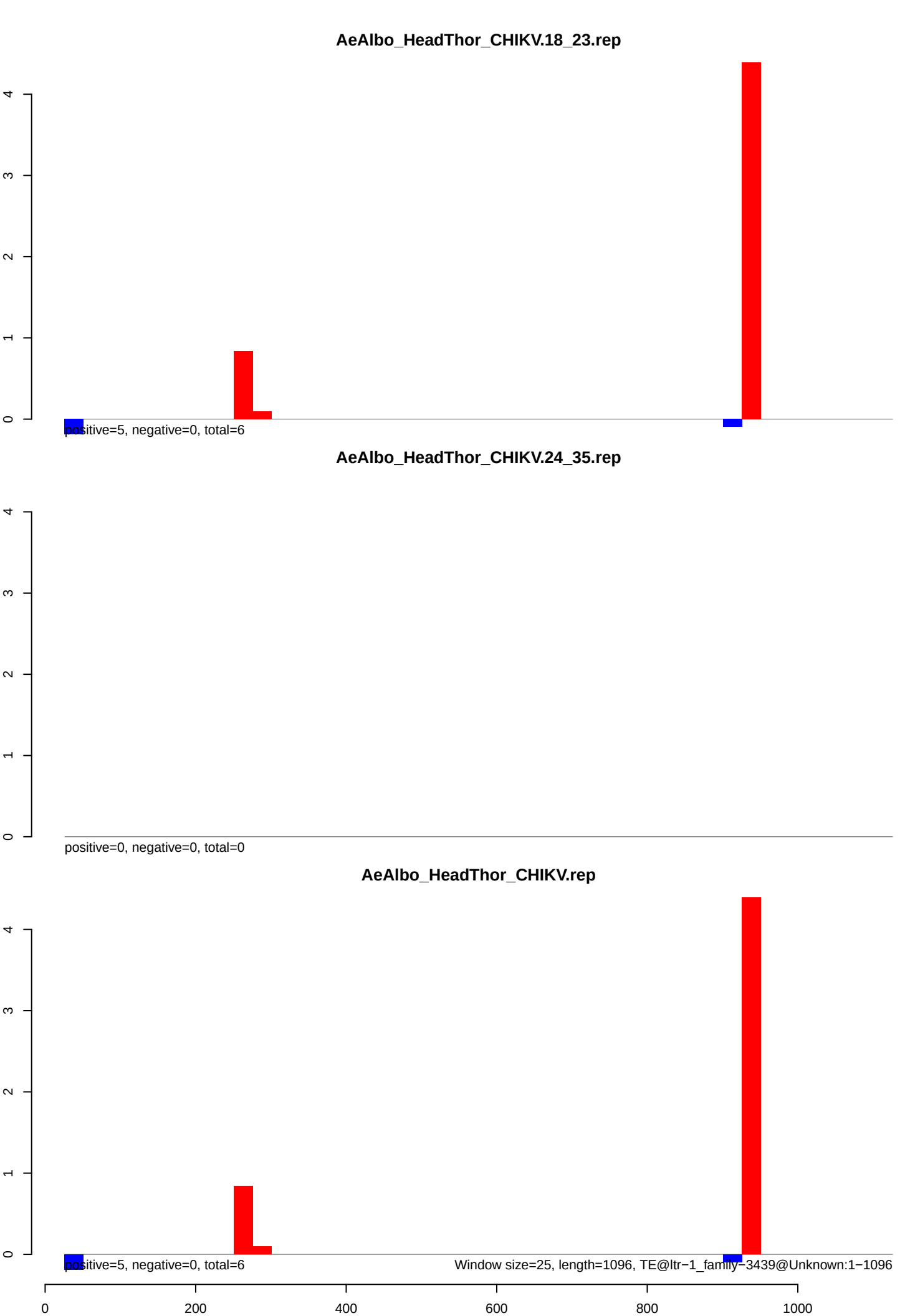

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
Window size=25, length=1666, TE@ltr−1_family−3607@LTR_Gypsy:1−1666
0
500
1000
1500

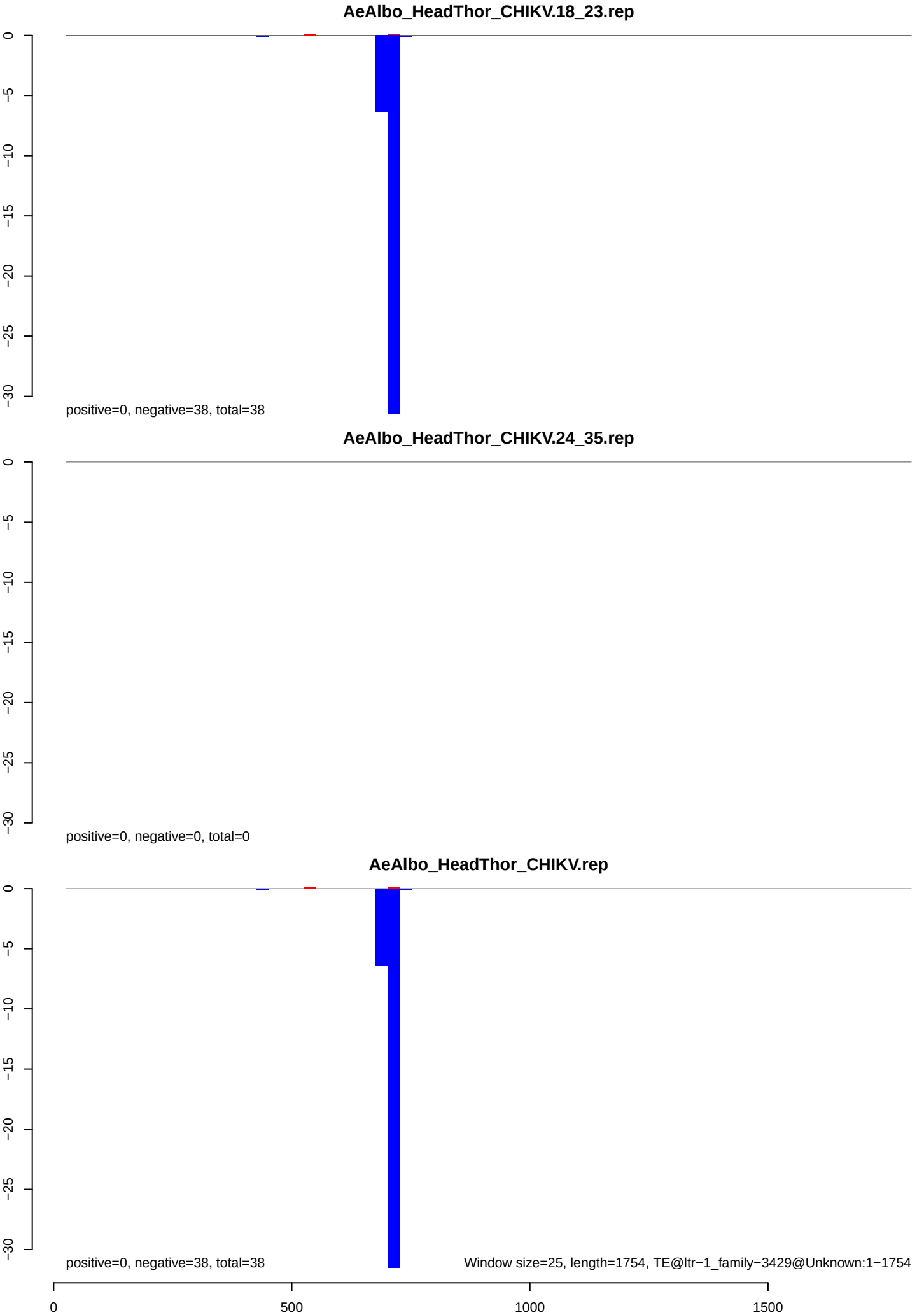

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=1116, TE@ltr−1_family−3573@LTR_Gypsy:1−1116
0
200
400
600
800
1000

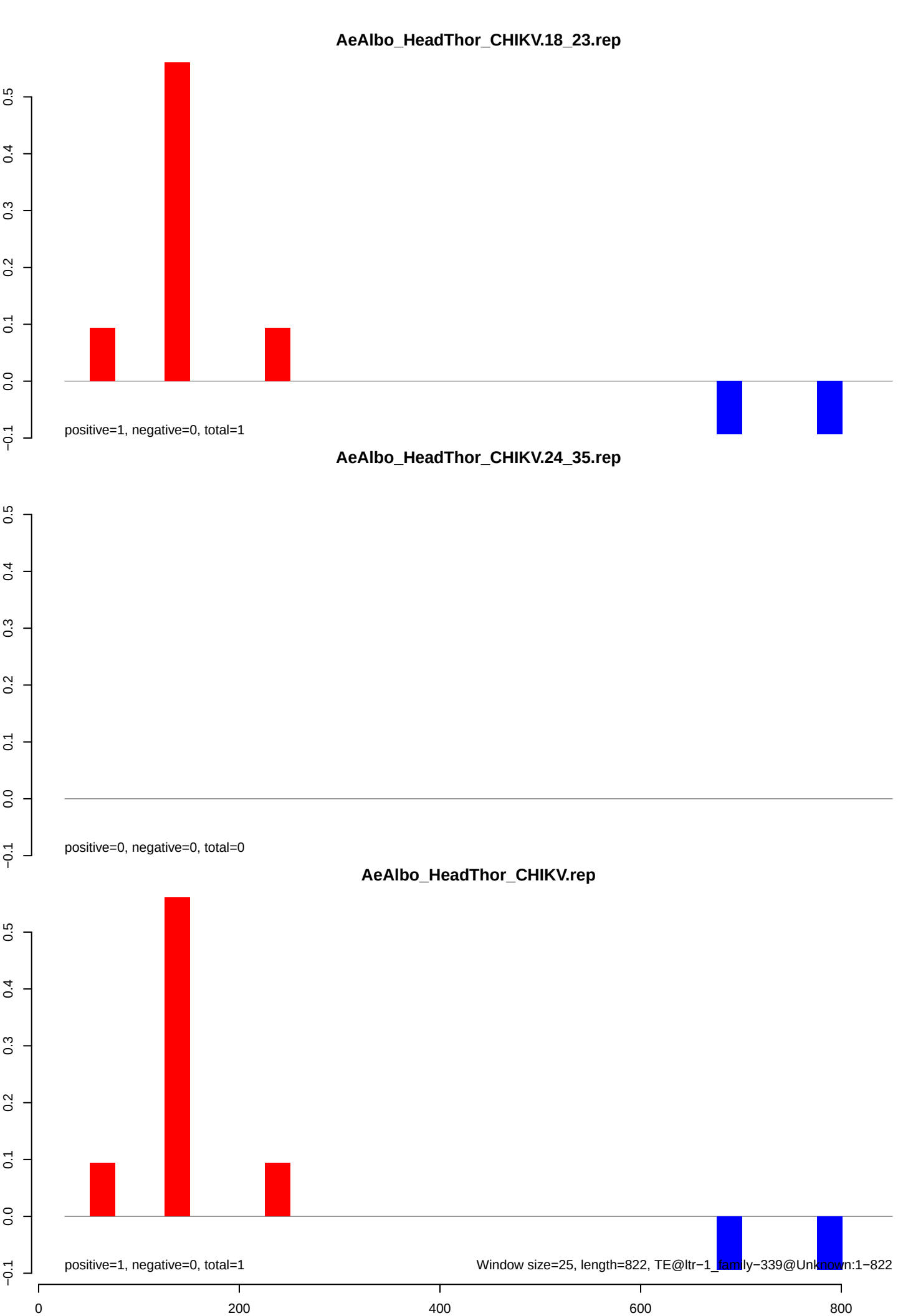

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
Window size=25, length=1664, TE@ltr−1_family−3489@Unknown:1−1664
0
500
1000
1500

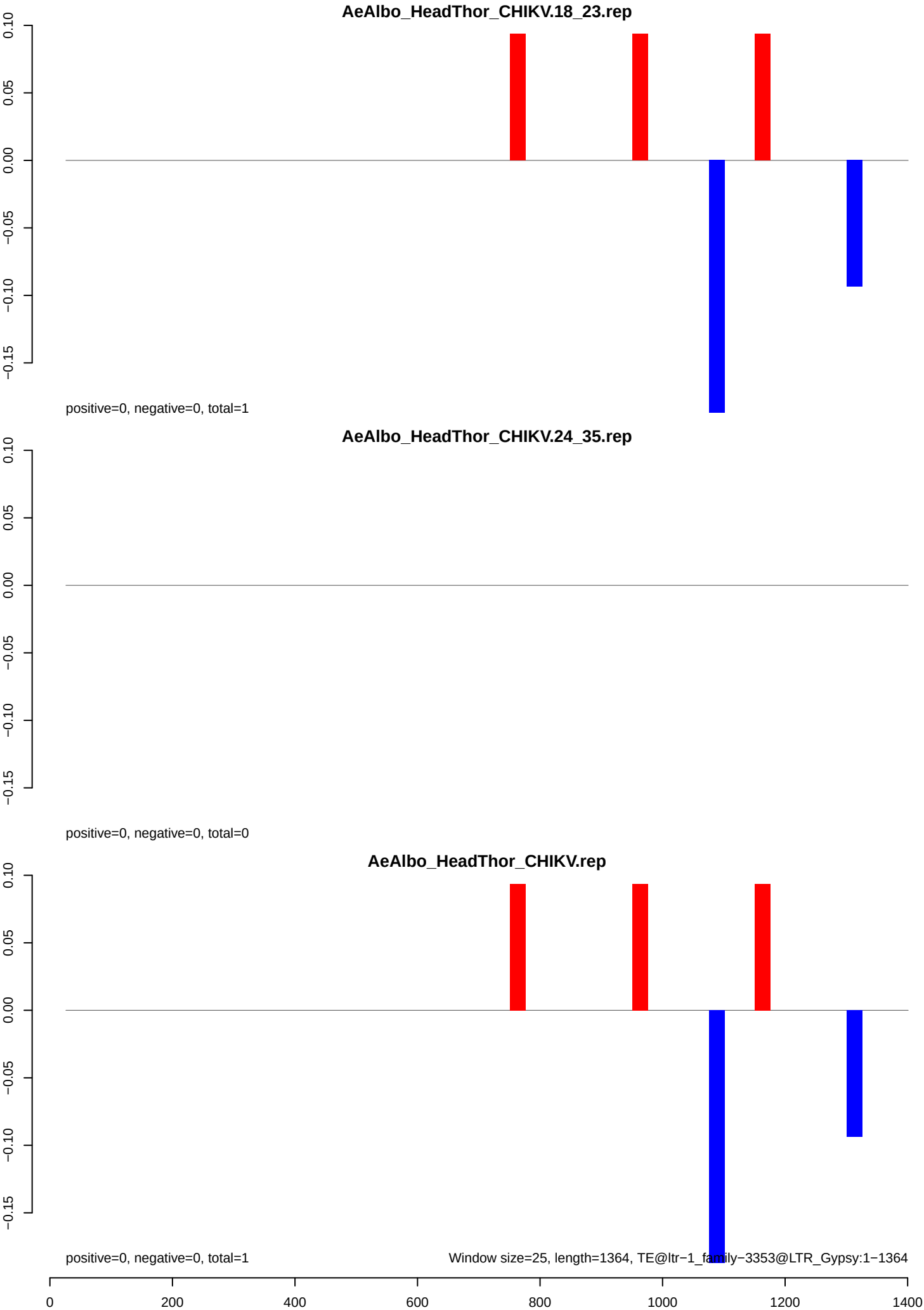

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
Window size=25, length=930, TE@ltr−1_family−3463@LTR_Gypsy:1−930
0
200
400
600
800
1000

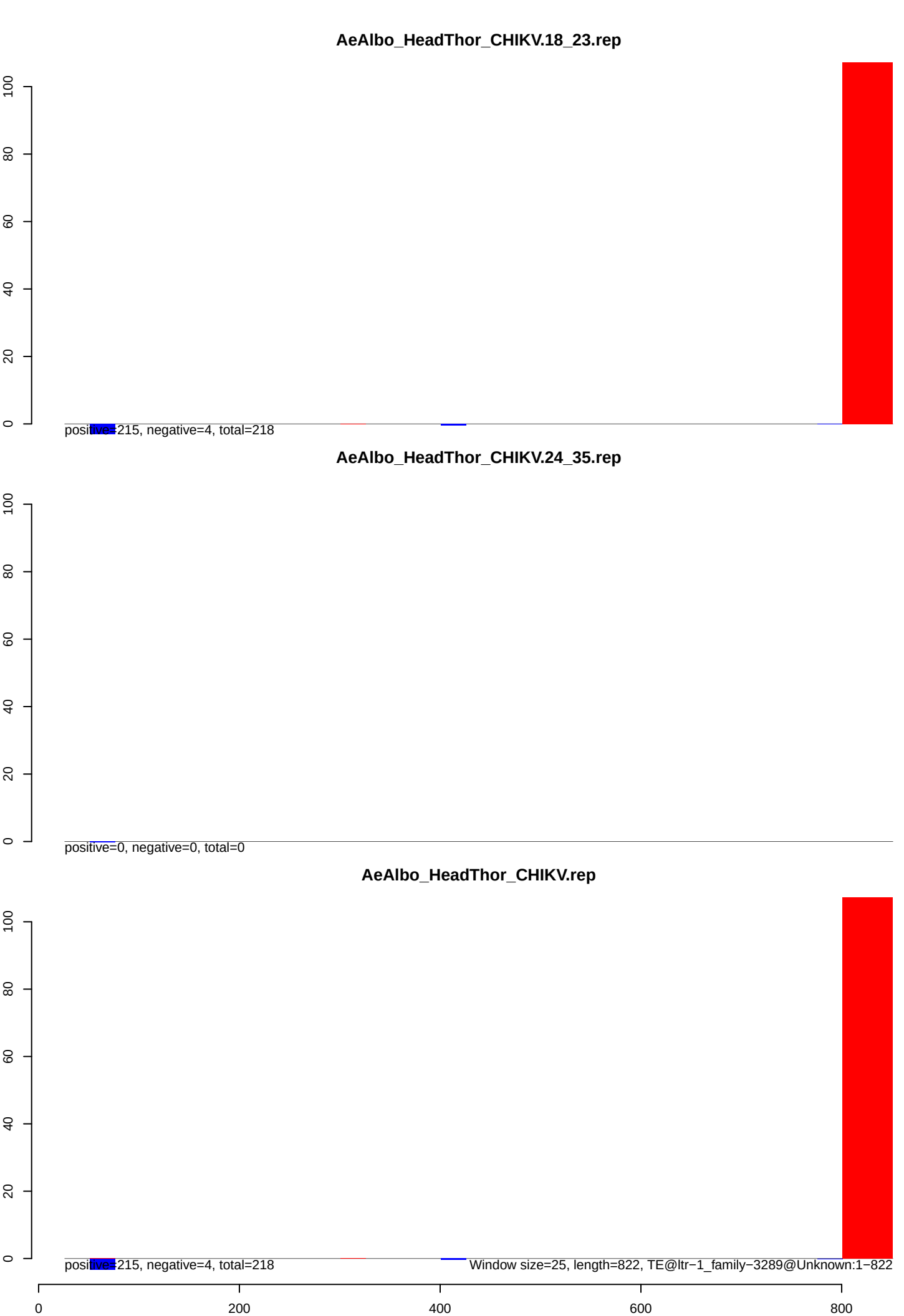

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1531, TE@ltr−1_family−3449@Unknown:1−1531
0
500
1000
1500

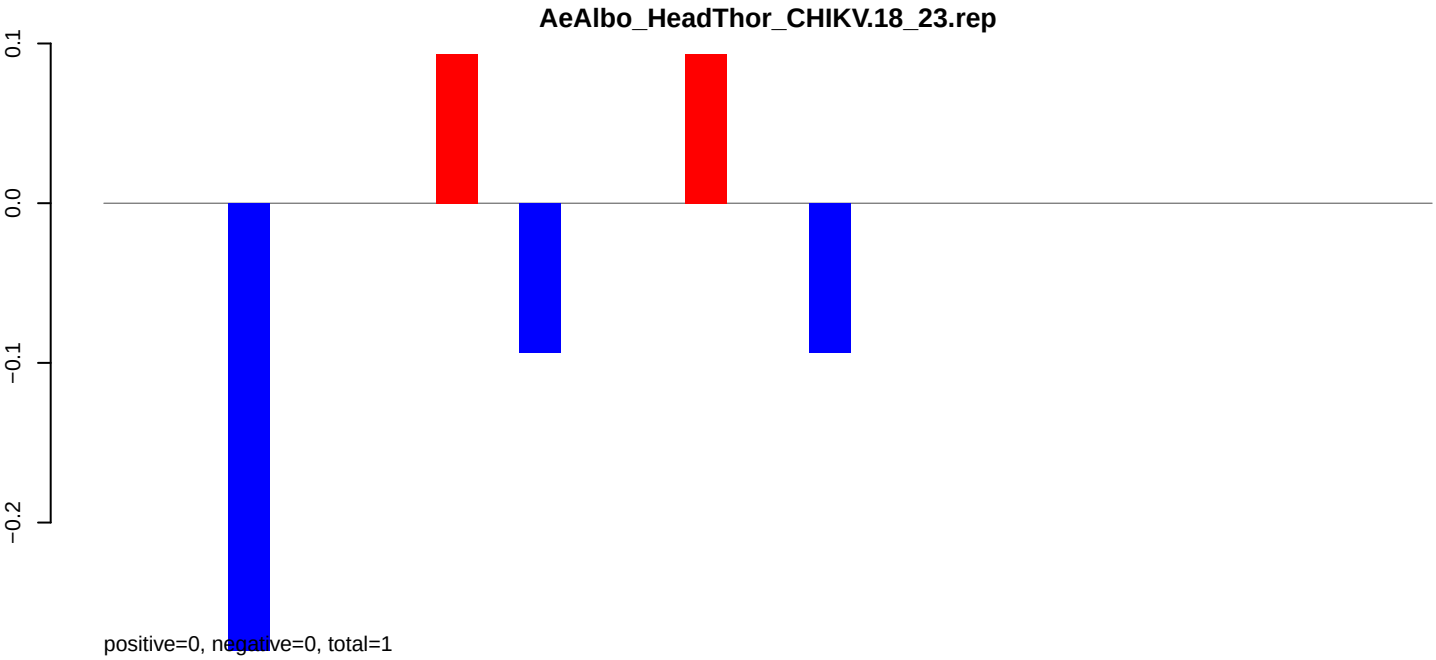

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
positive=5, negative=0, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
positive=5, negative=0, total=6
Window size=25, length=1096, TE@ltr−1_family−3439@Unknown:1−1096
0
200
400
600
800
1000

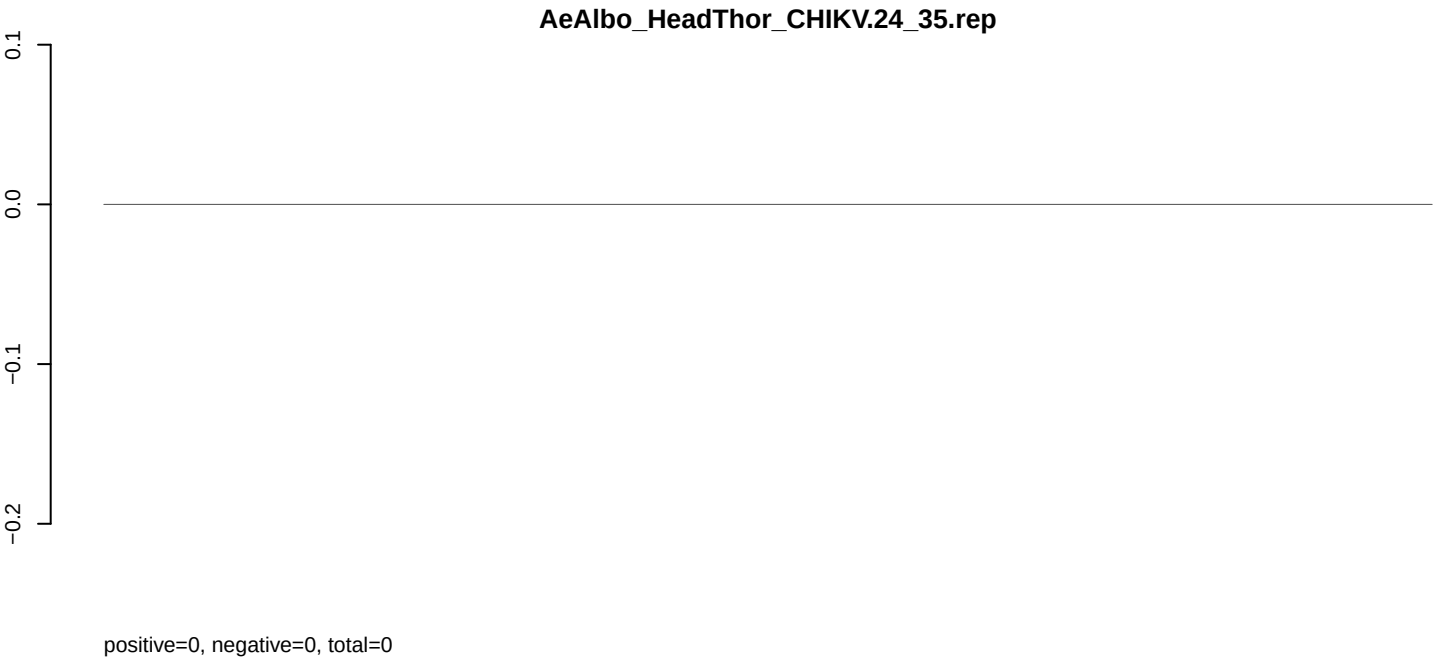

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=38, total=38
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
−25
−30
positive=0, negative=38, total=38
Window size=25, length=1754, TE@ltr−1_family−3429@Unknown:1−1754
0
500
1000
1500

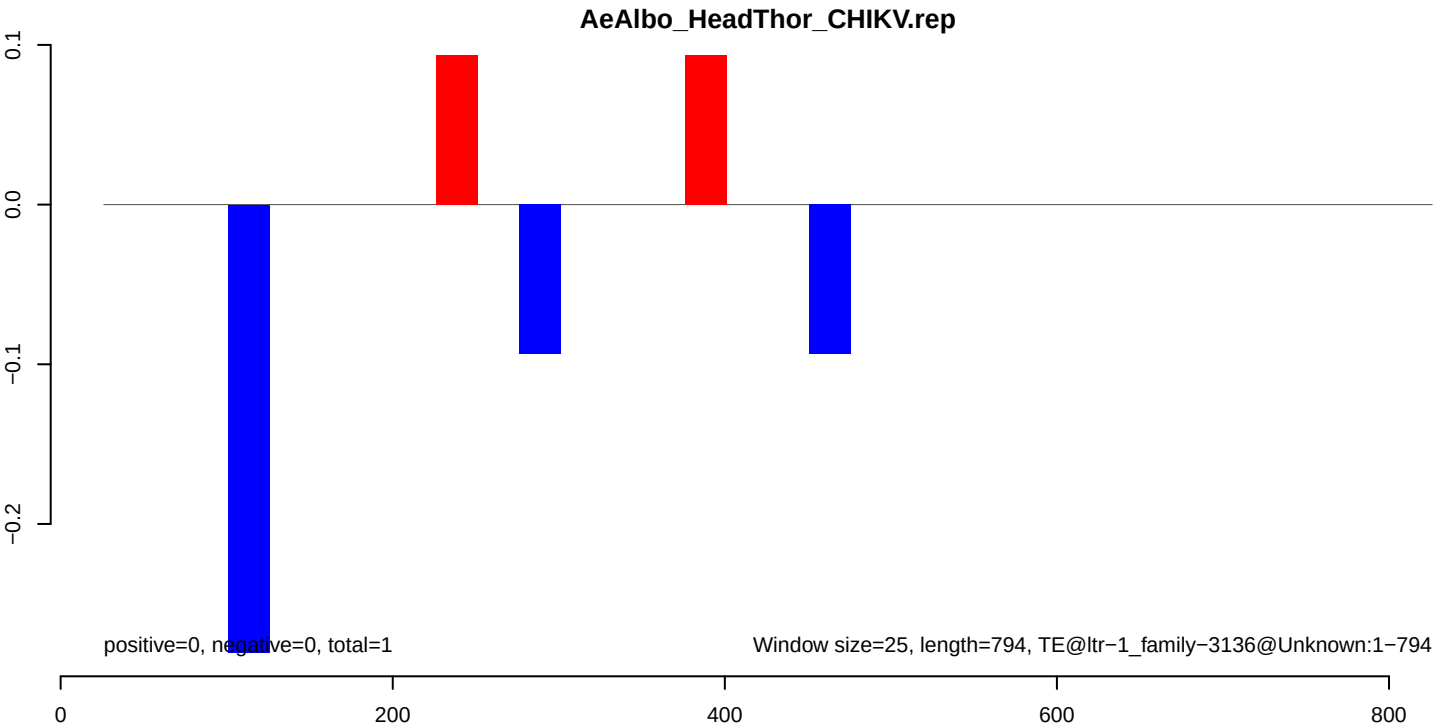

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=822, TE@ltr−1_family−339@Unknown:1−822
0
200
400
600
800

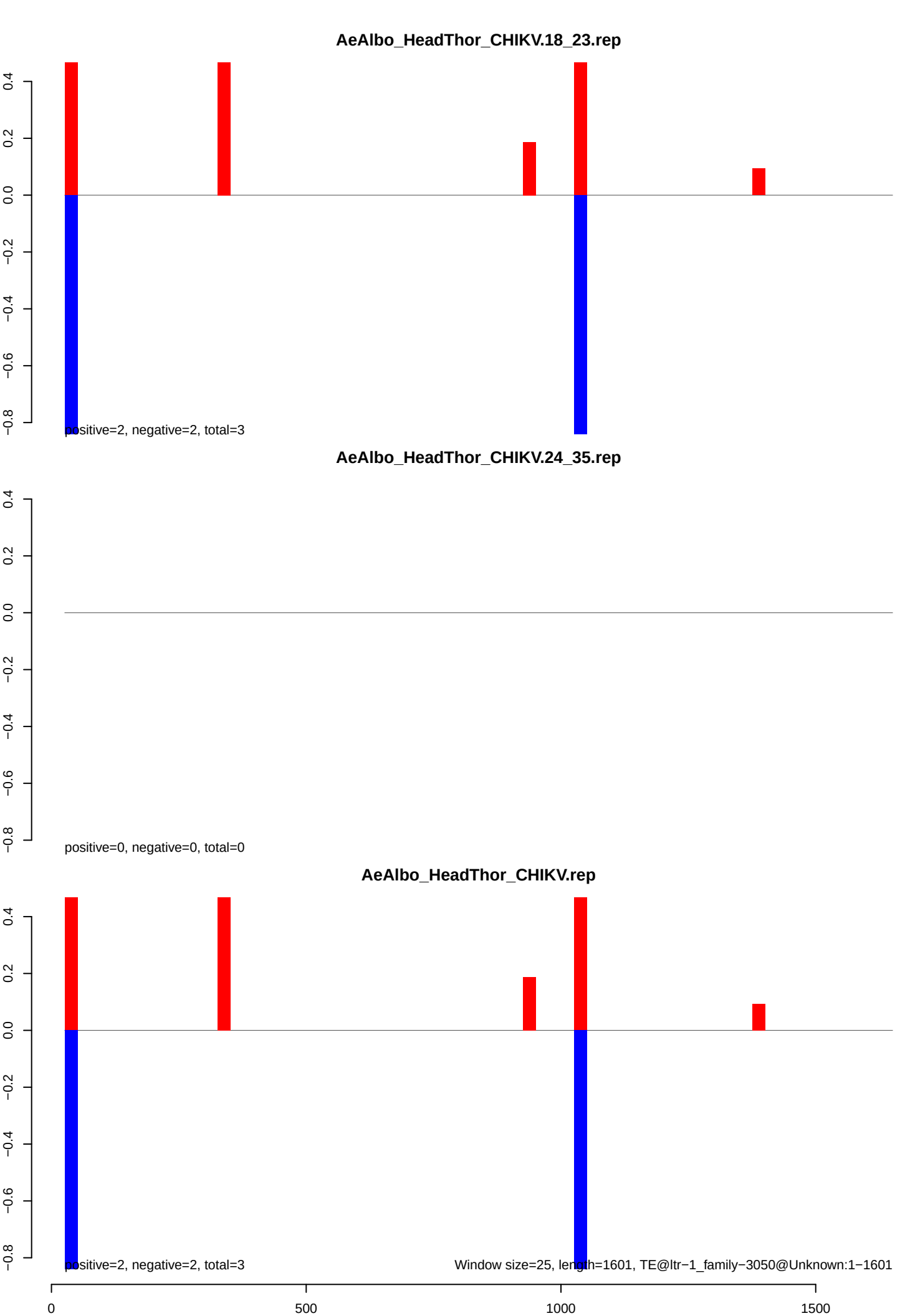

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1364, TE@ltr−1_family−3353@LTR_Gypsy:1−1364
0
200
400
600
800
1000
1200
1400

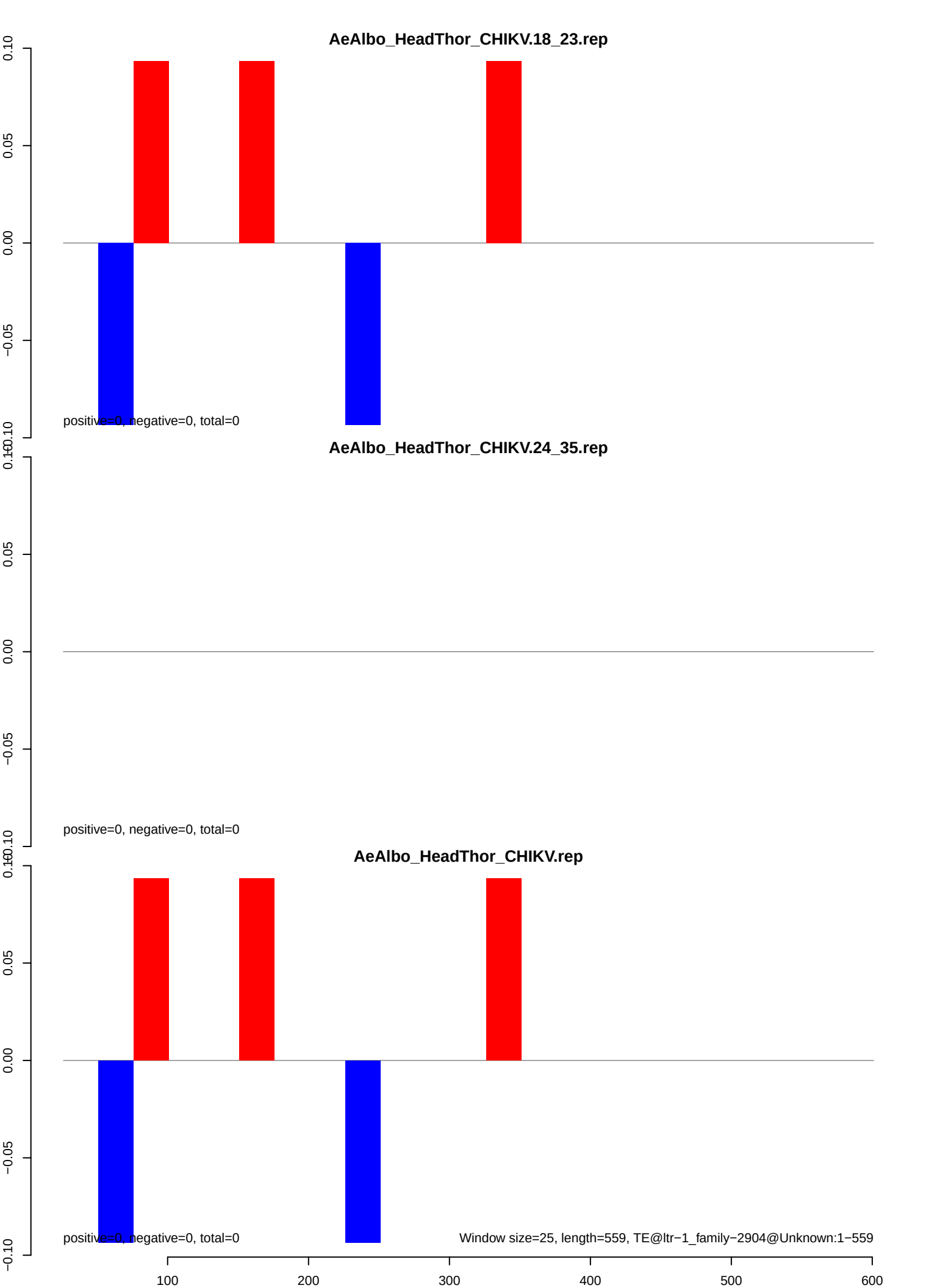

AeAlbo_HeadThor_CHIKV.18_23.rep
0
20
40
60
80
100
positive=215, negative=4, total=218
AeAlbo_HeadThor_CHIKV.24_35.rep
0
20
40
60
80
100
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
20
40
60
80
100
positive=215, negative=4, total=218
Window size=25, length=822, TE@ltr−1_family−3289@Unknown:1−822
0
200
400
600
800

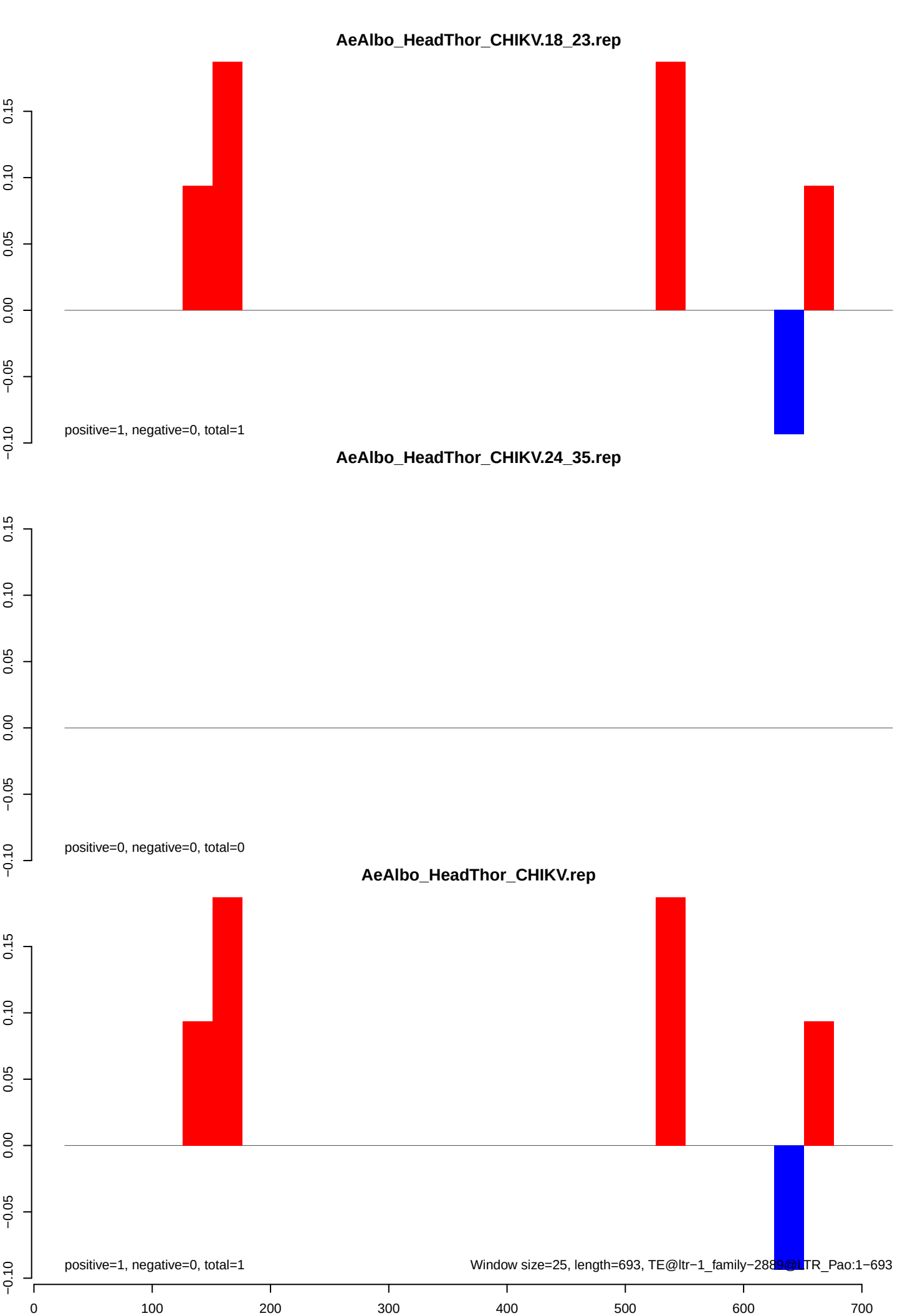

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1

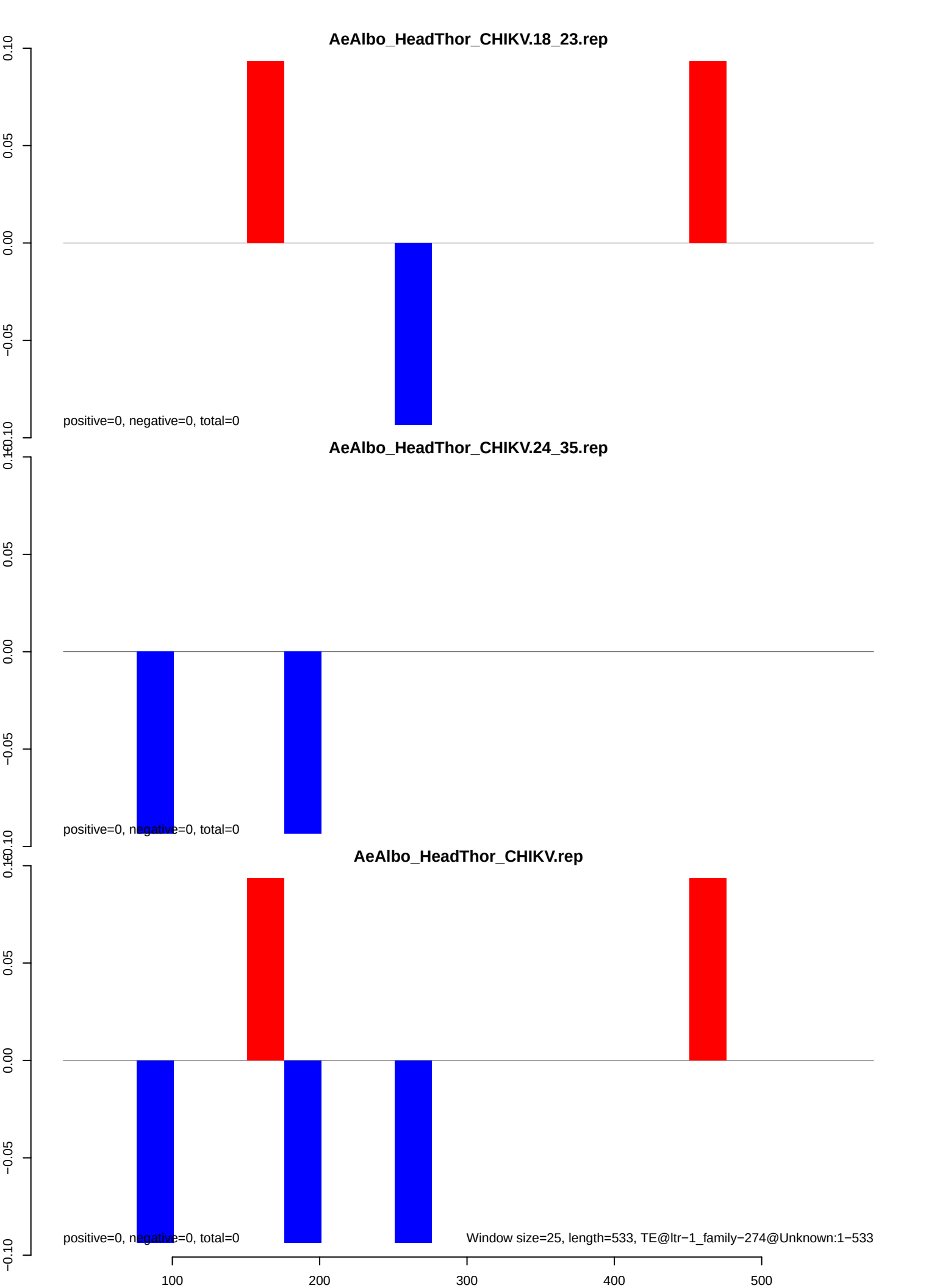

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=794, TE@ltr−1_family−3136@Unknown:1−794
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=2, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
positive=2, negative=2, total=3
Window size=25, length=1601, TE@ltr−1_family−3050@Unknown:1−1601
0
500
1000
1500

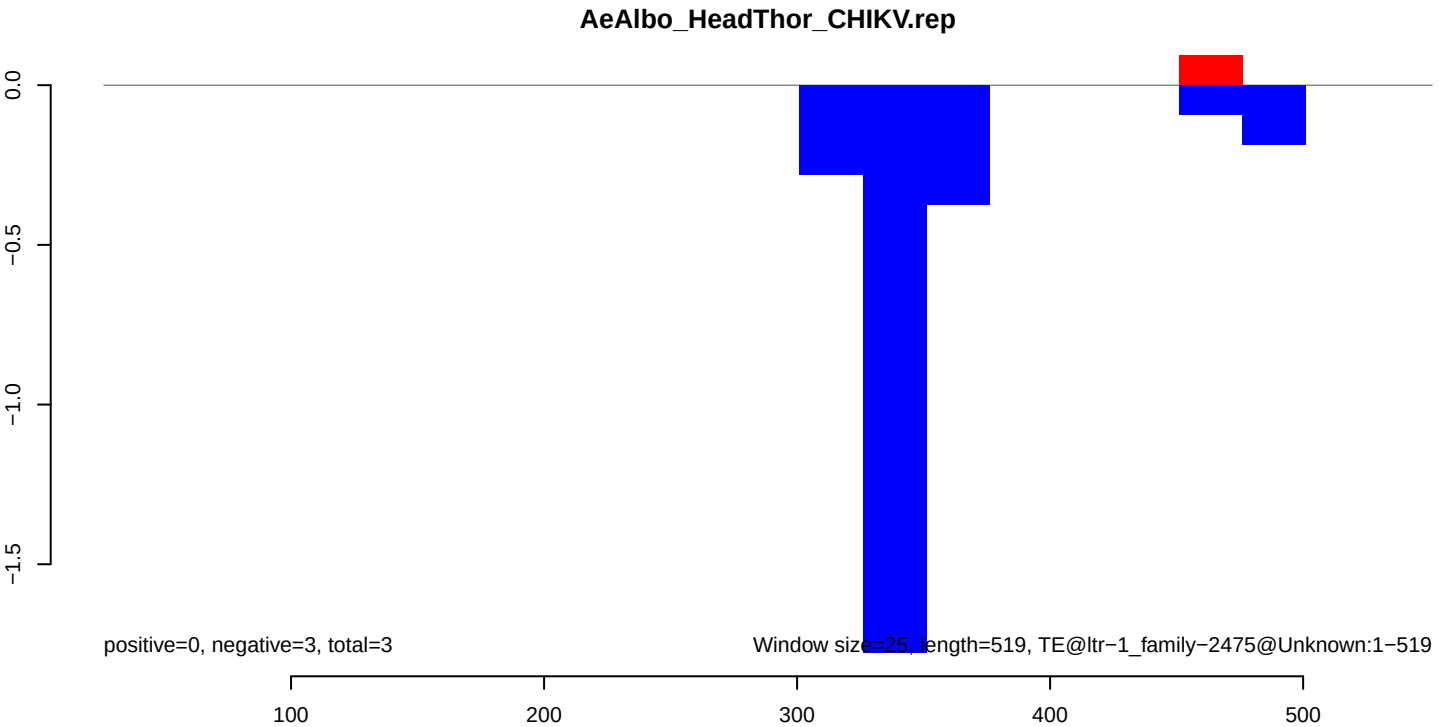

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=559, TE@ltr−1_family−2904@Unknown:1−559
100
200
300
400
500
600

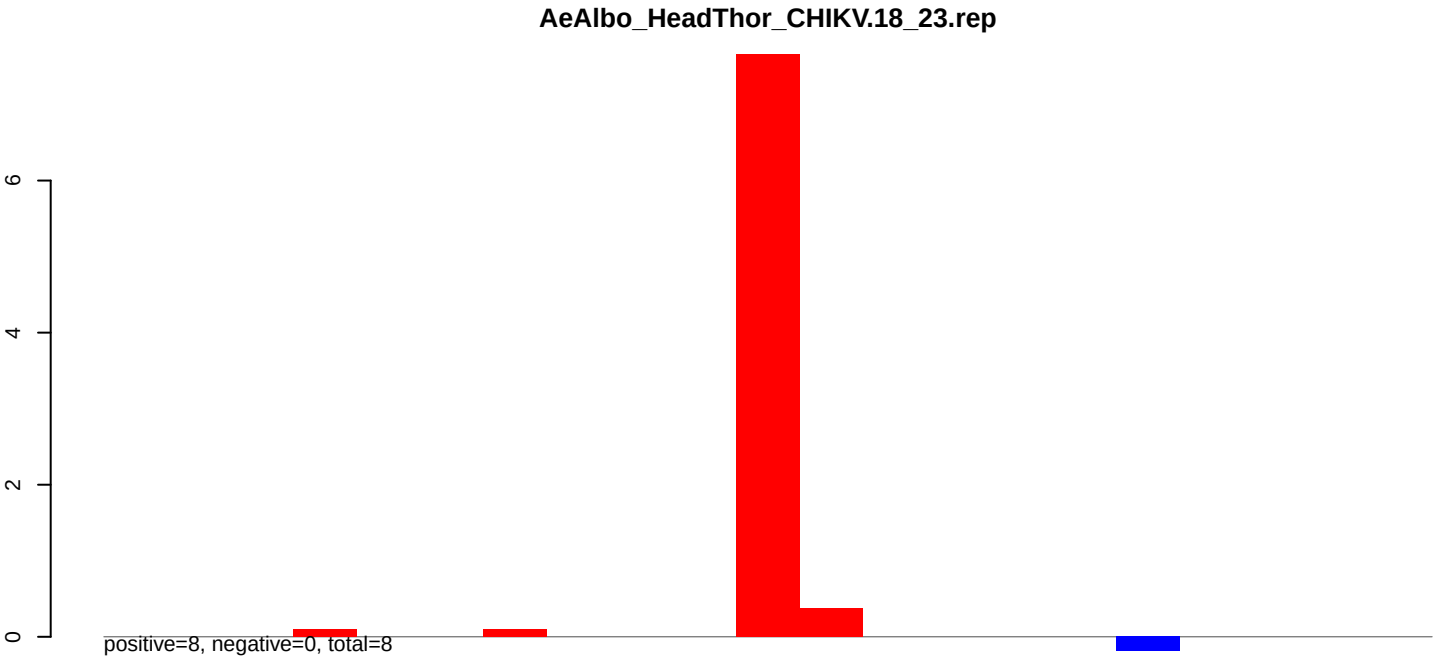

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=693, TE@ltr−1_family−2889@LTR_Pao:1−693
0
100
200
300
400
500
600
700

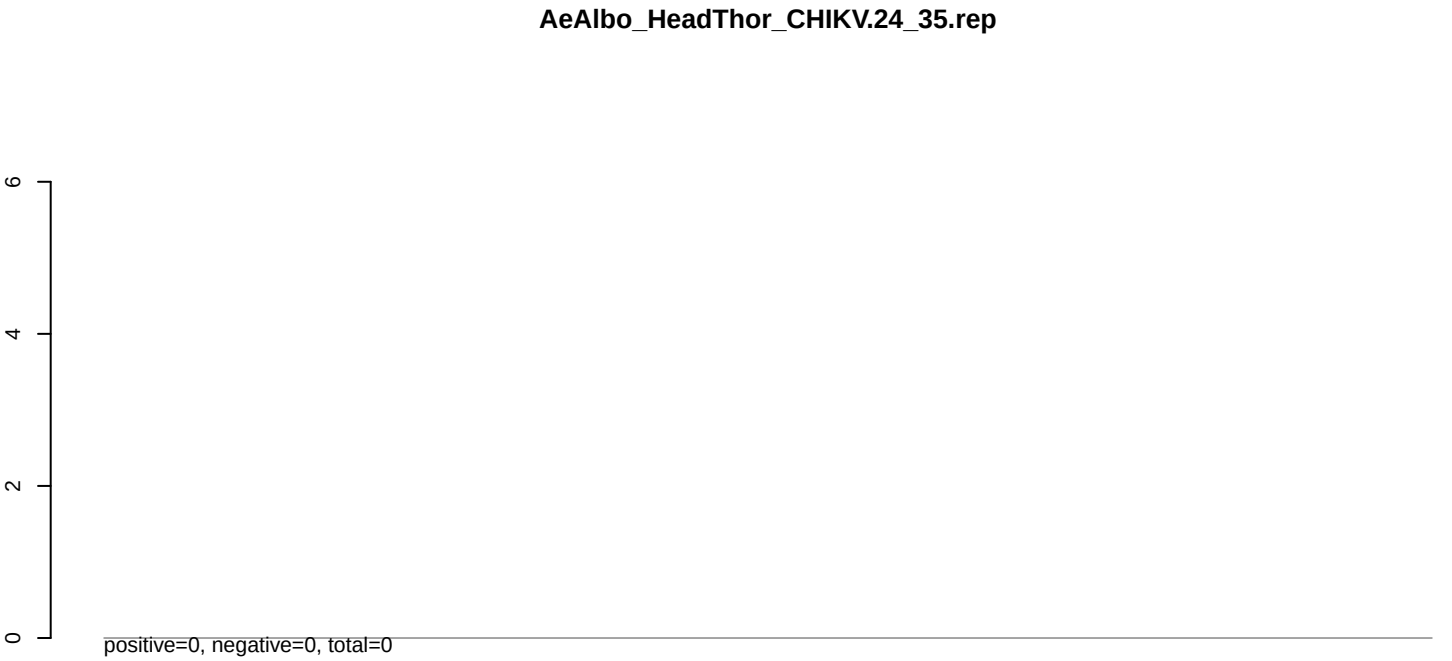

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=533, TE@ltr−1_family−274@Unknown:1−533
100
200
300
400
500

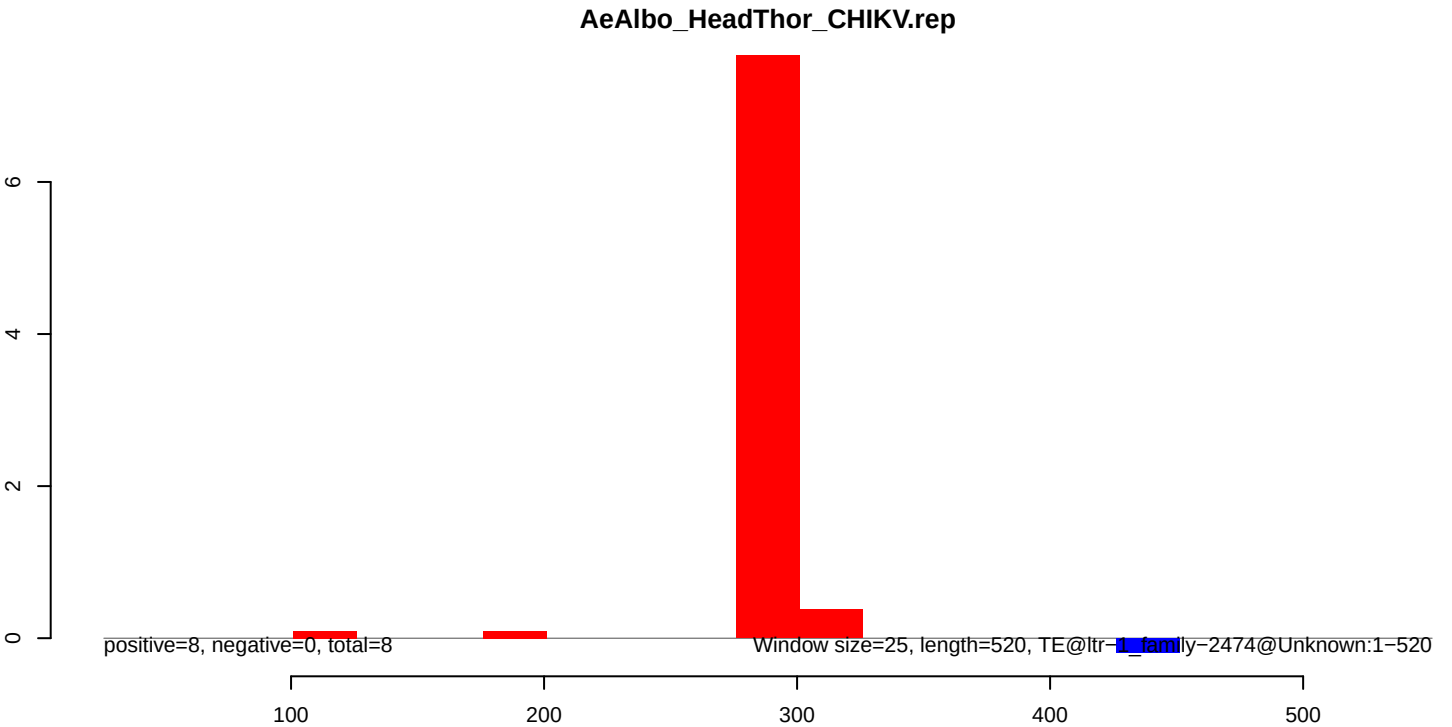
AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0

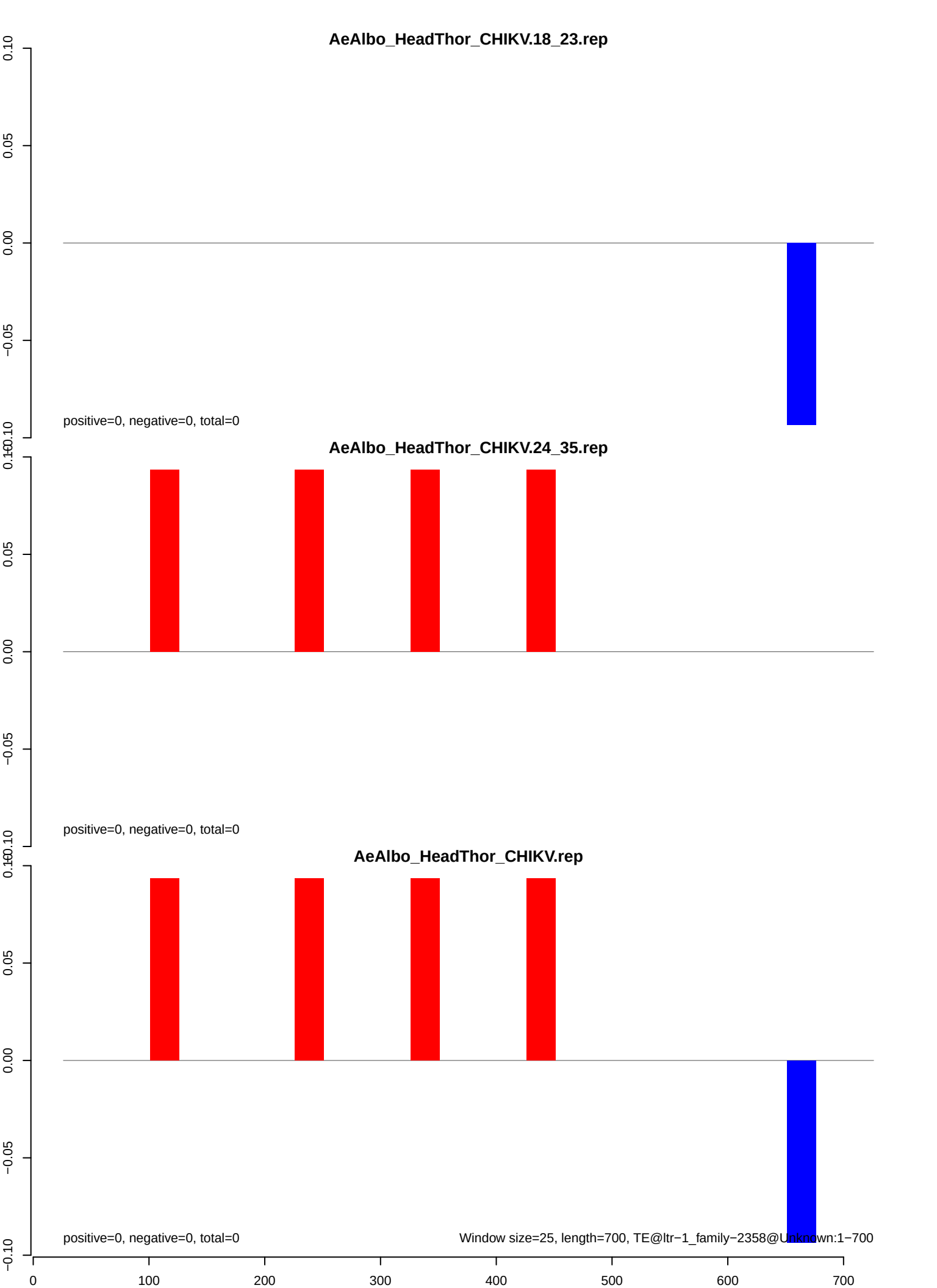
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=3, total=3

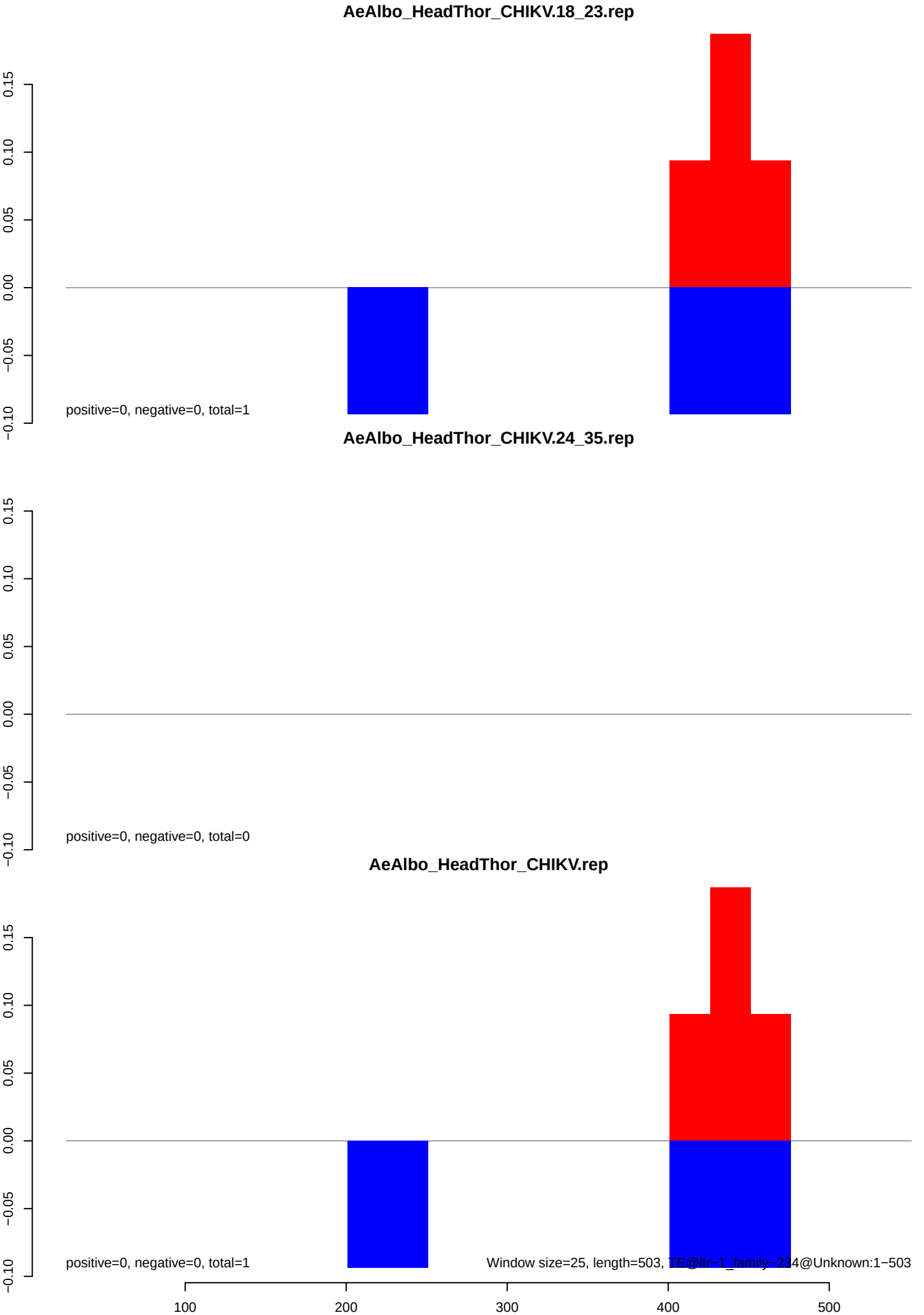

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=3, total=3
Window size=25, length=519, TE@ltr−1_family−2475@Unknown:1−519
100
200
300
400
500

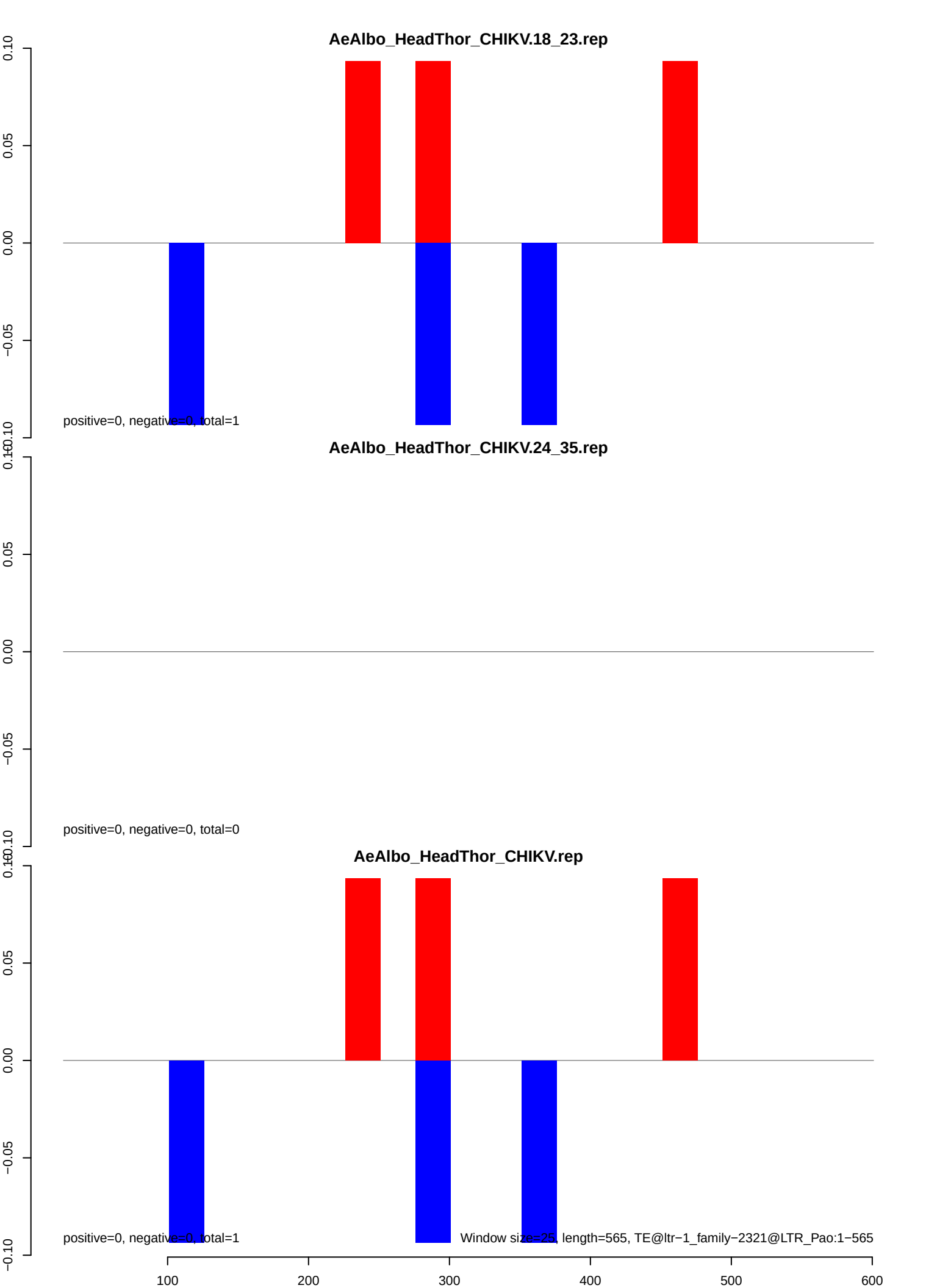

AeAlbo_HeadThor_CHIKV.18_23.rep
0
2
4
6
positive=8, negative=0, total=8

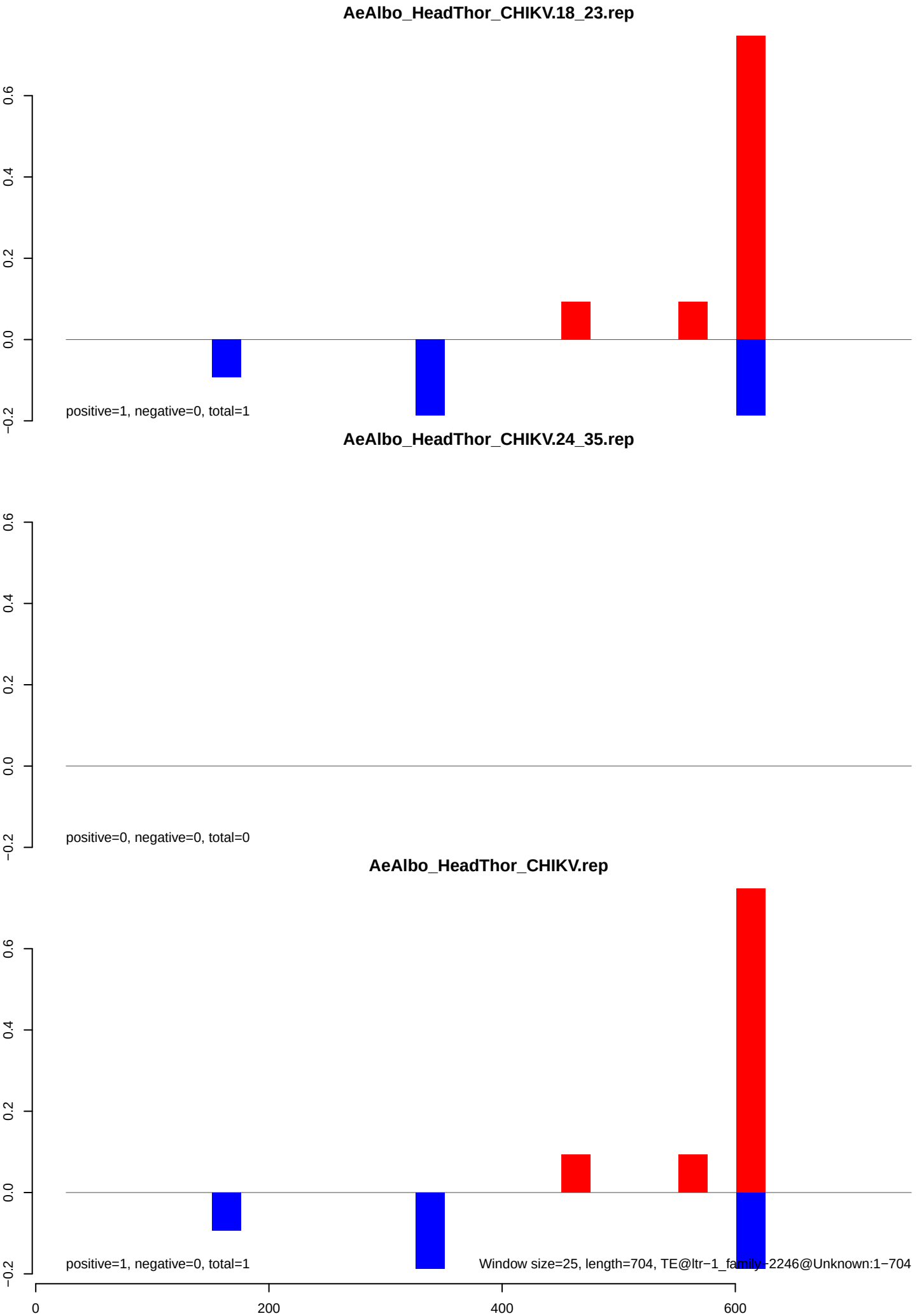

AeAlbo_HeadThor_CHIKV.24_35.rep
0
2
4
6
positive=0, negative=0, total=0

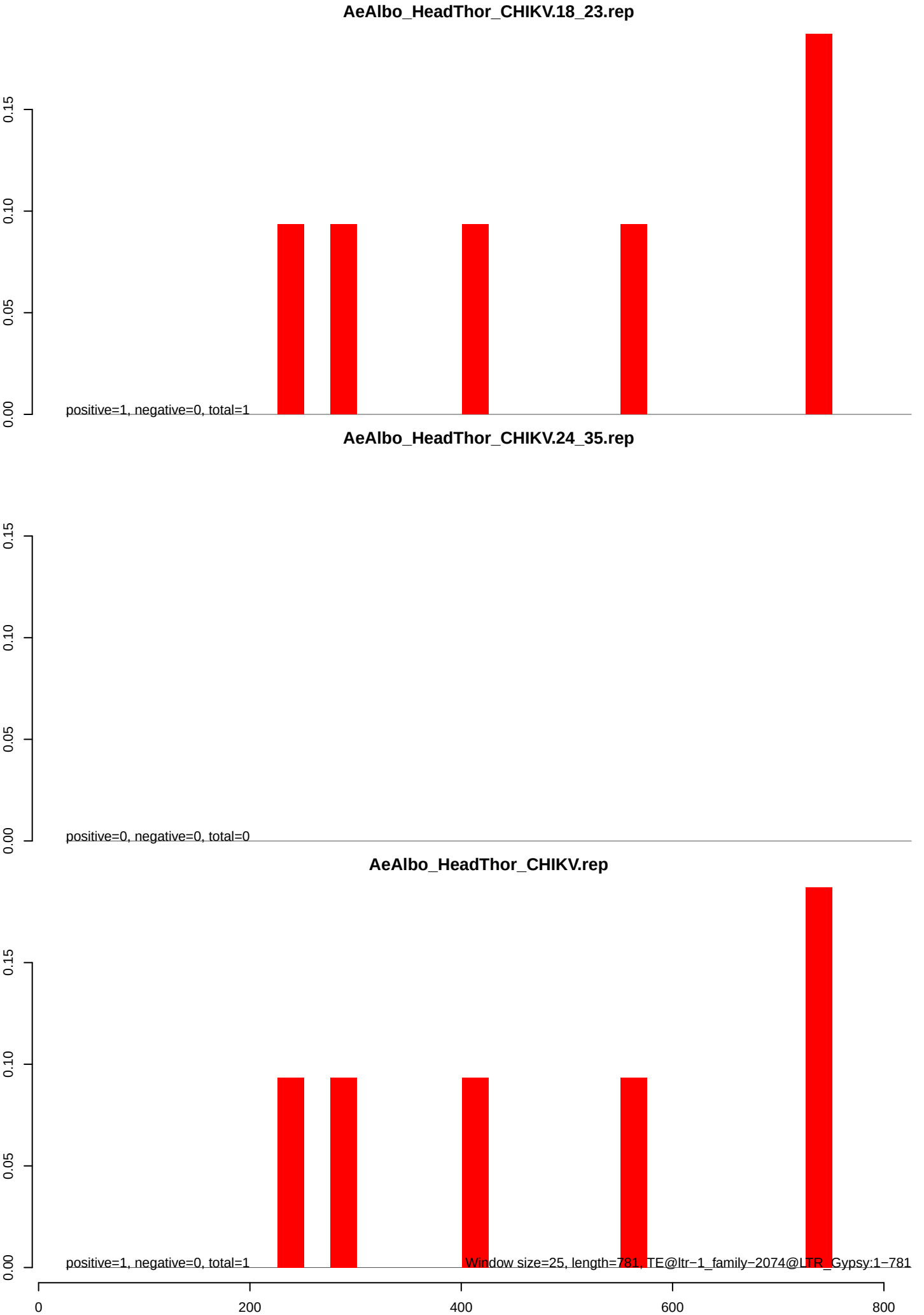

AeAlbo_HeadThor_CHIKV.rep
0
2
4
6
positive=8, negative=0, total=8
Window size=25, length=520, TE@ltr-1_family-2474@Unknown:1-520
100
200
300
400
500

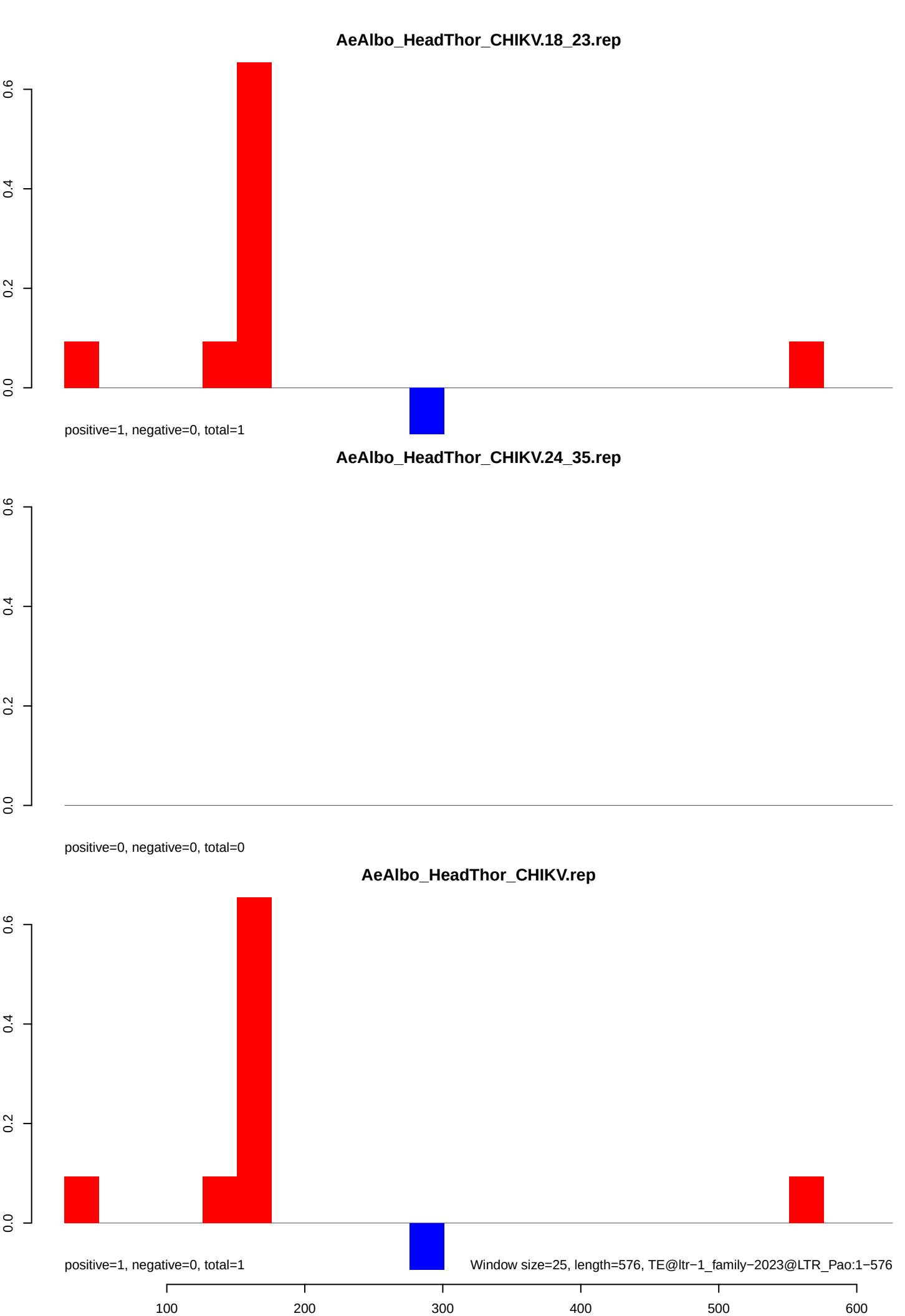

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=700, TE@ltr−1_family−2358@Unknown:1−700
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700

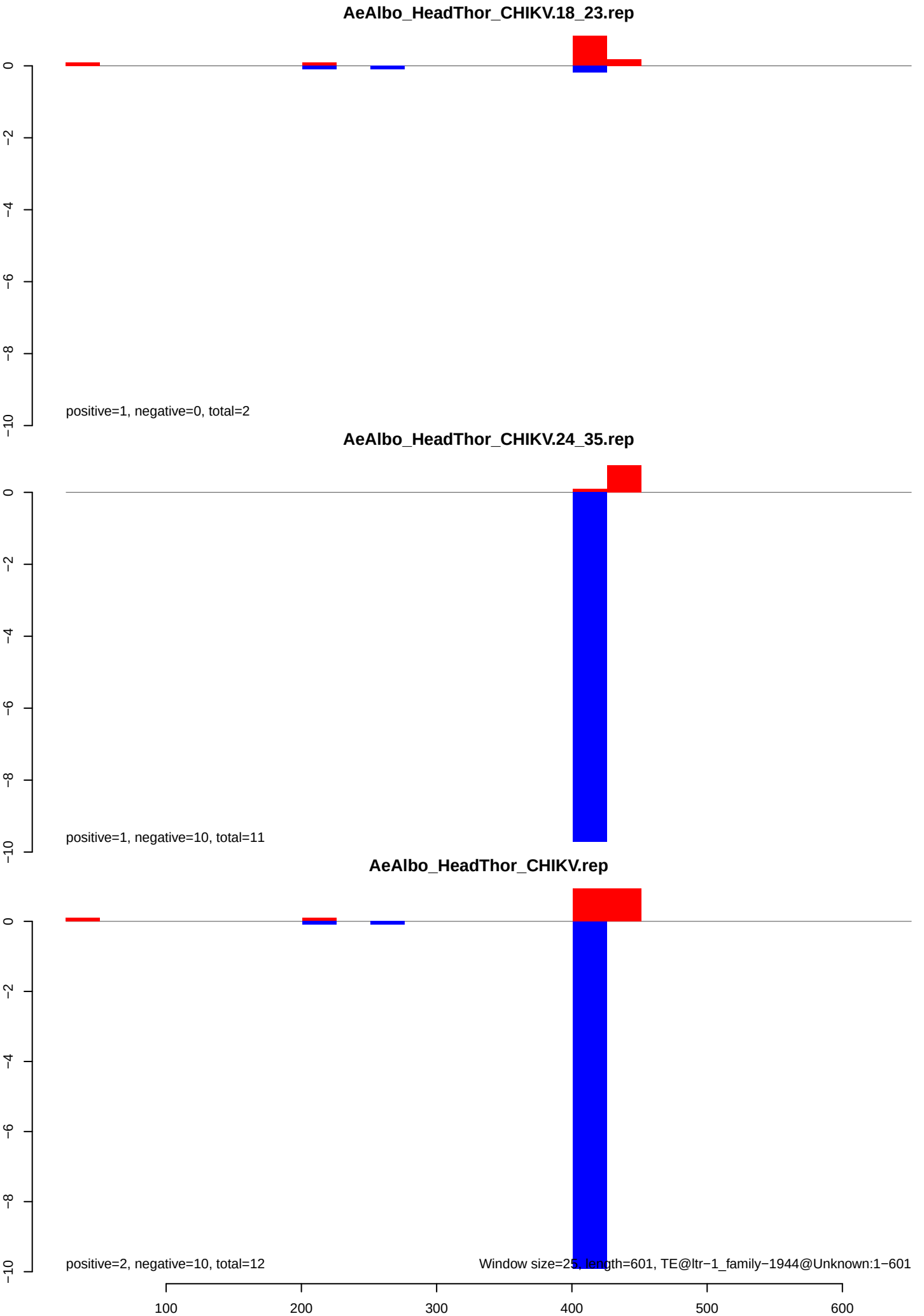

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=503, TE@ltr−1_family−234@Unknown:1−503
100
200
300
400
500

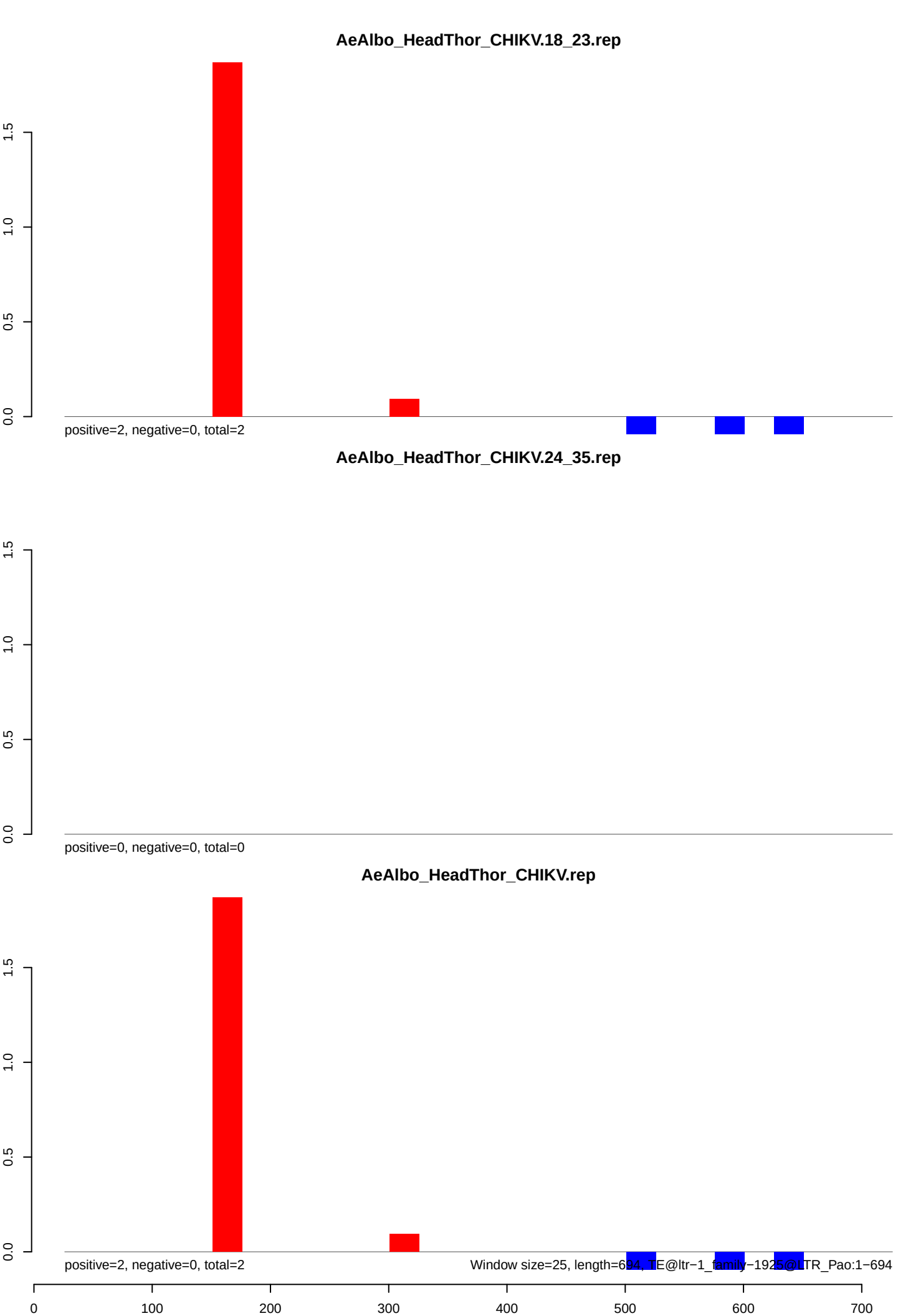

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=565, TE@ltr−1_family−2321@LTR_Pao:1−565
100
200
300
400
500
600

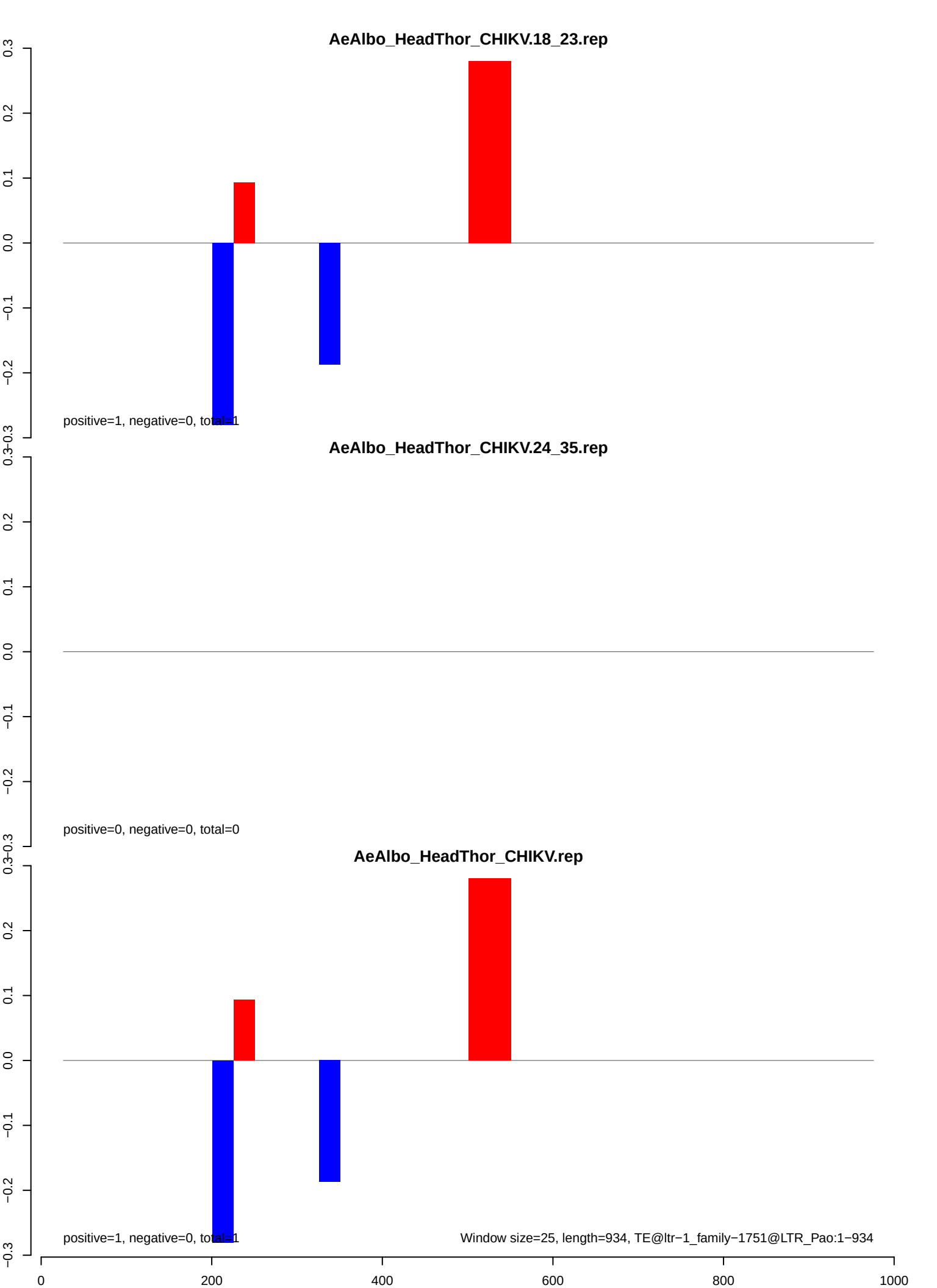

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
Window size=25, length=704, TE@ltr−1_family−2246@Unknown:1−704
0
200
400
600

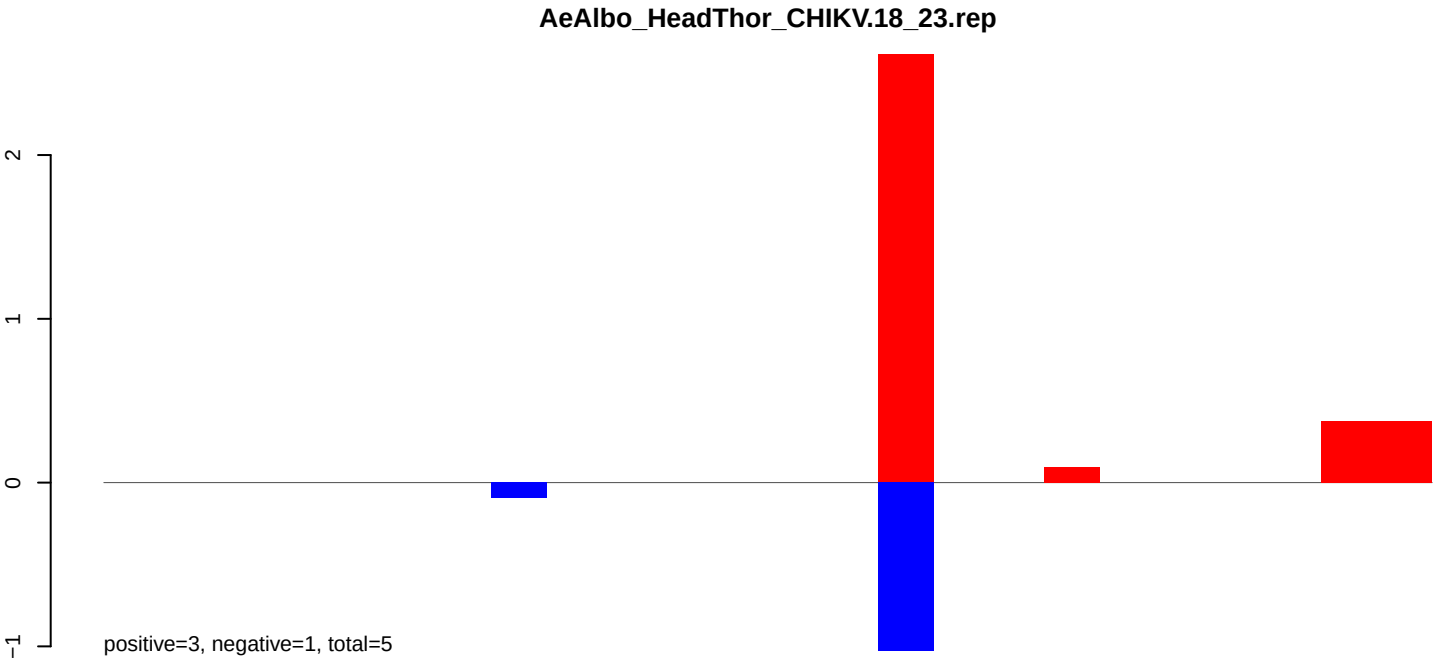

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=1, negative=0, total=1
Window size=25, length=781, TE@ltr−1_family−2074@LTR_Gypsy:1−781
0
200
400
600
800

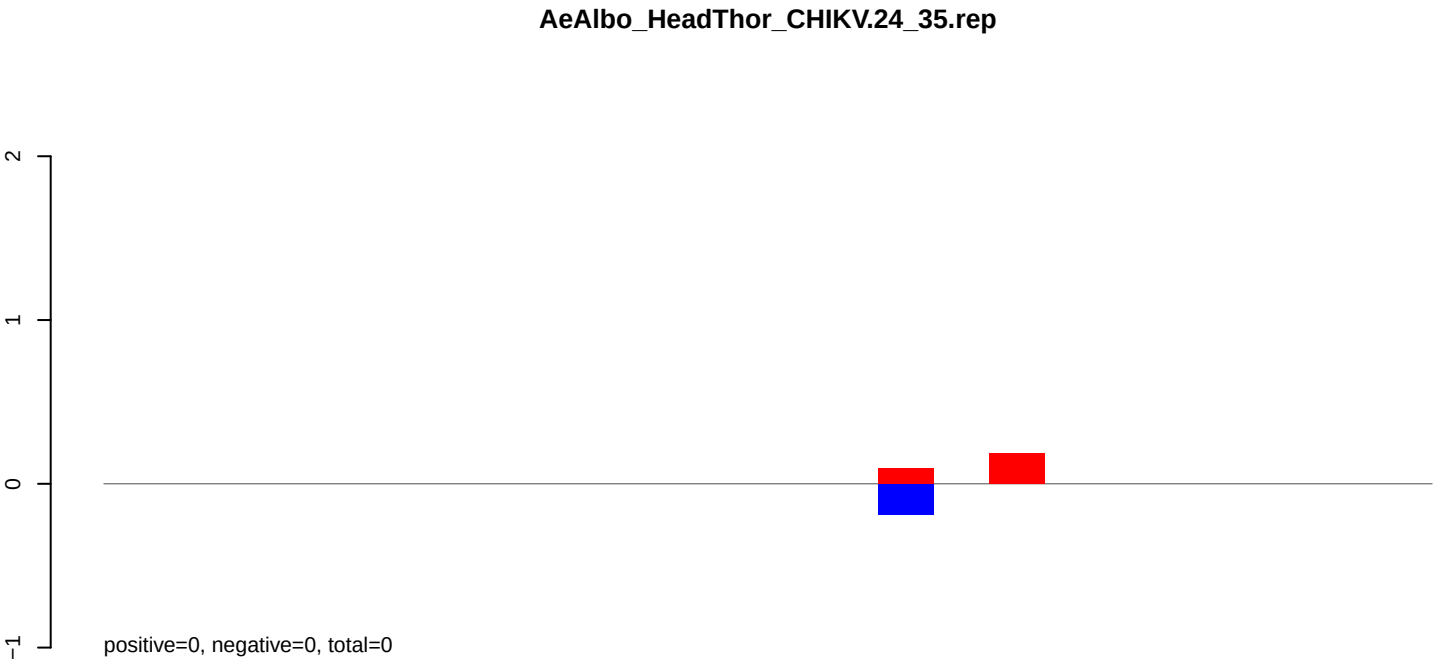

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=576, TE@ltr−1_family−2023@LTR_Pao:1−576
100
200
300
400
500
600

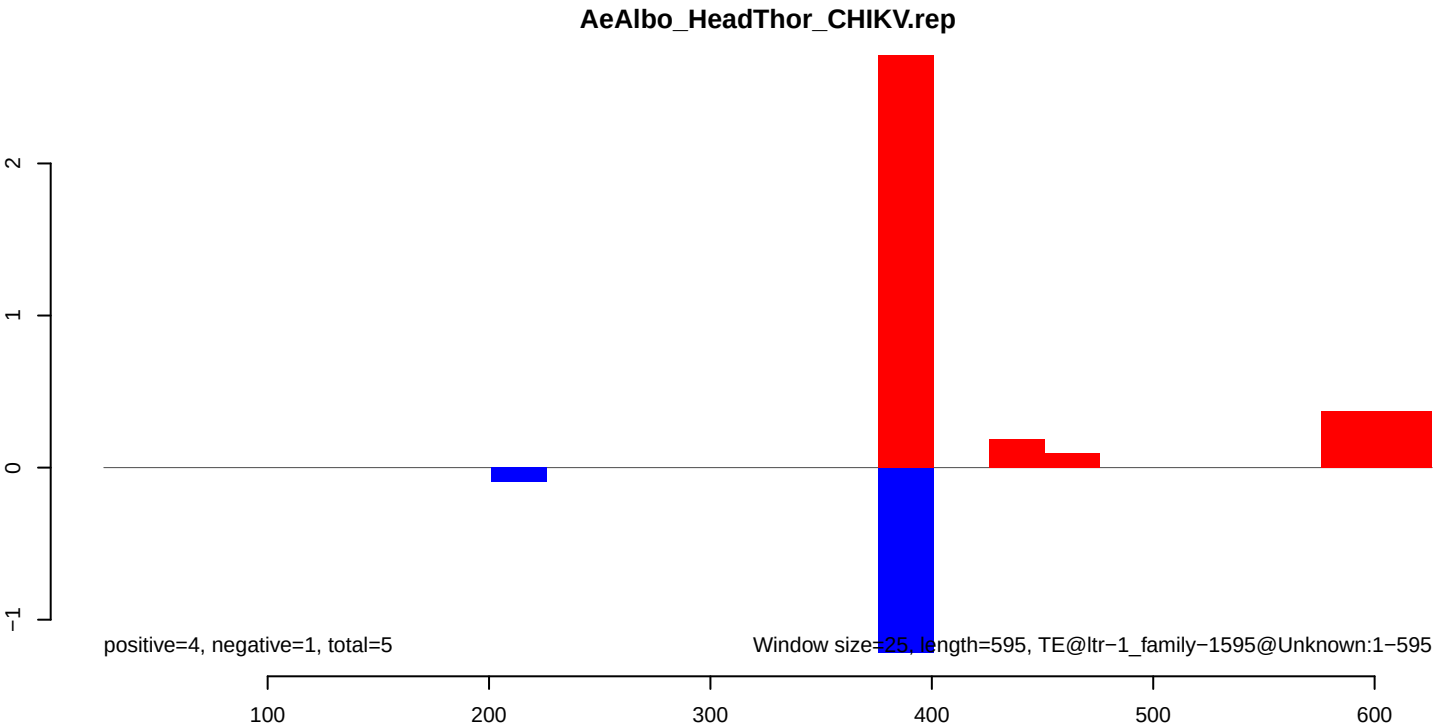

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
positive=1, negative=10, total=11
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
positive=2, negative=10, total=12
Window size=25, length=601, TE@ltr−1_family−1944@Unknown:1−601
100
200
300
400
500
600

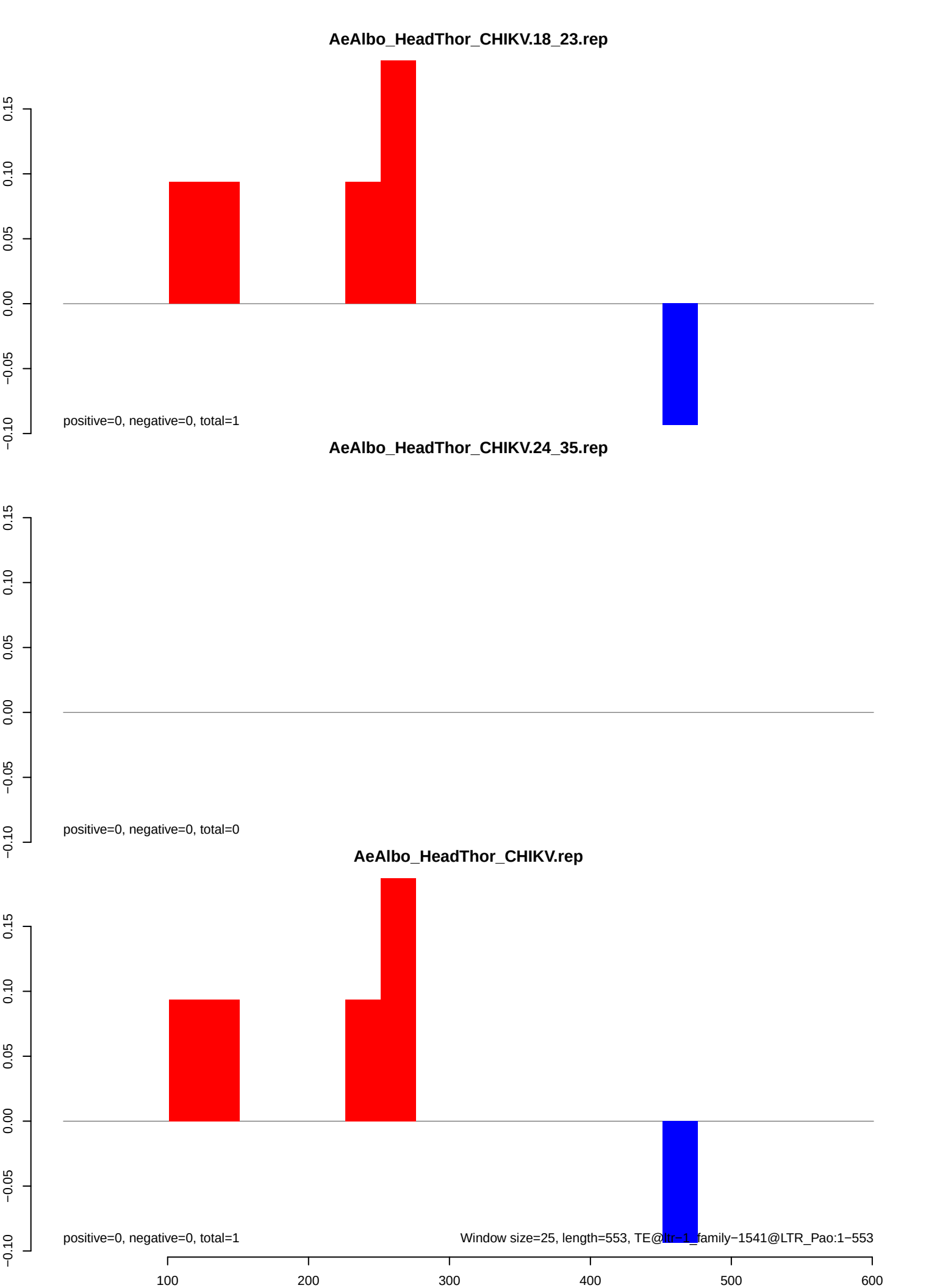

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
Window size=25, length=694, TE@ltr-1_family-1925@LTR_Pao:1-694
0
100
200
300
400
500
600
700

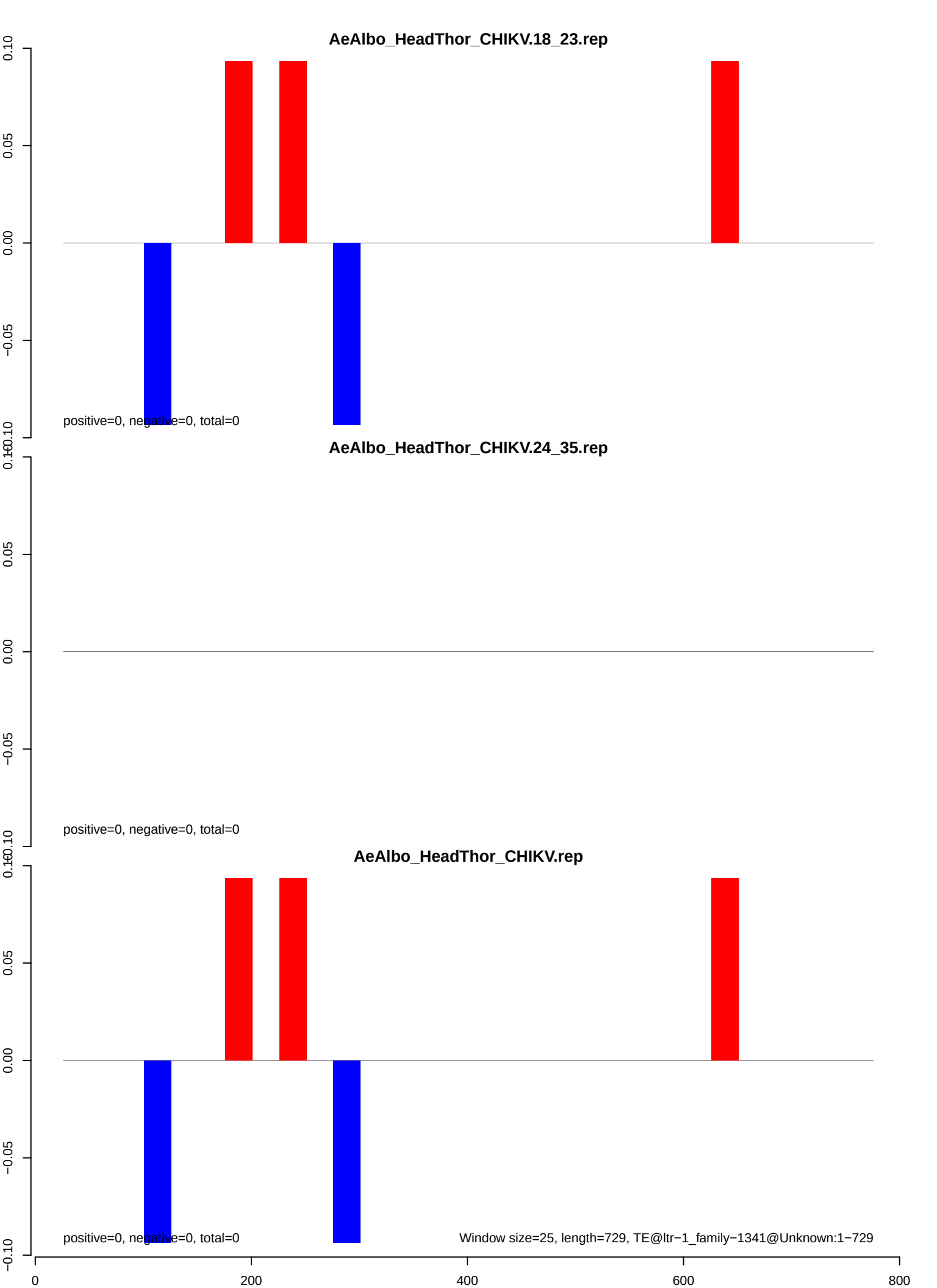

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=934, TE@ltr−1_family−1751@LTR_Pao:1−934
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
200
400
600
800
1000

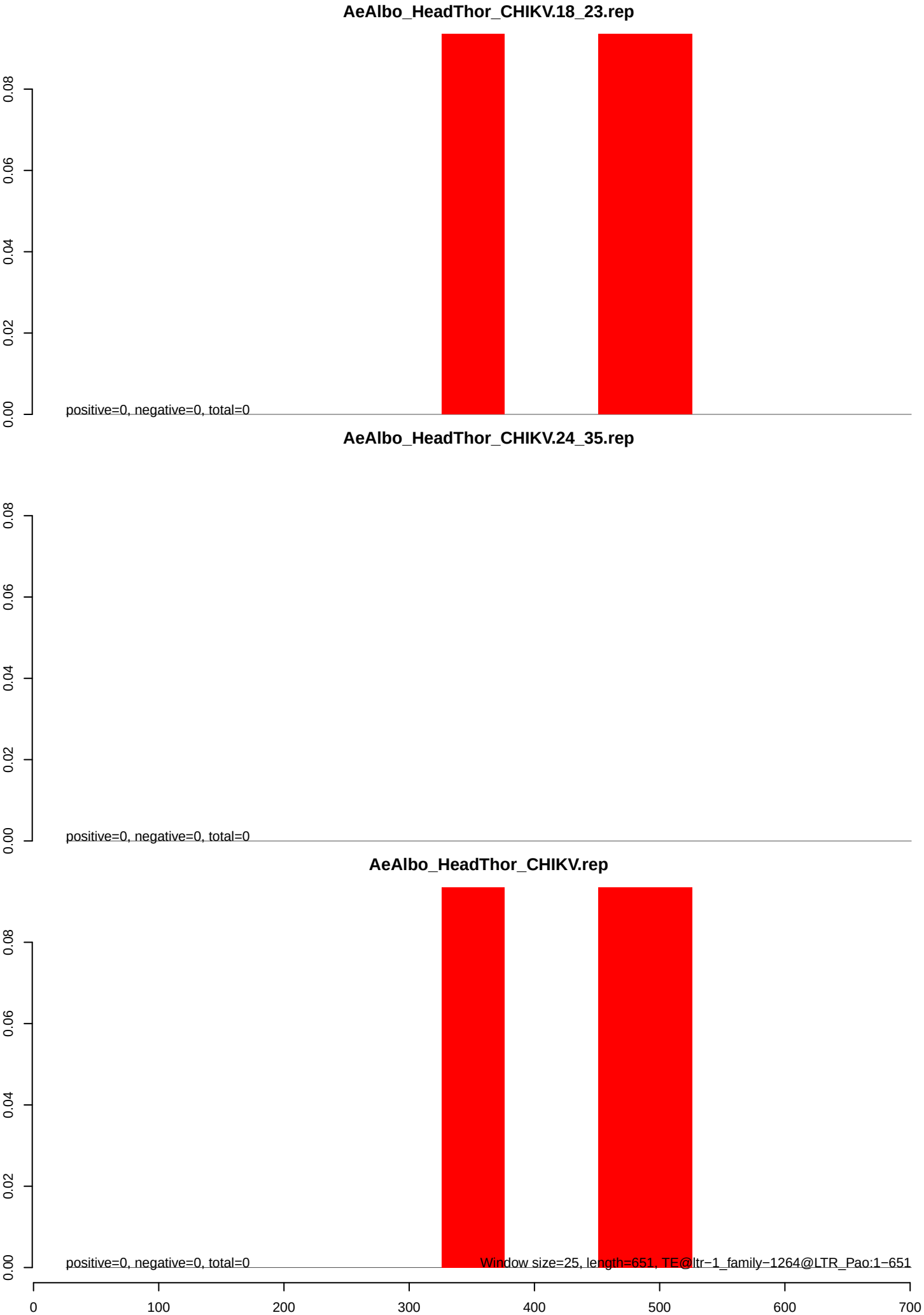

AeAlbo_HeadThor_CHIKV.18_23.rep
2
1
0
−1
positive=3, negative=1, total=5

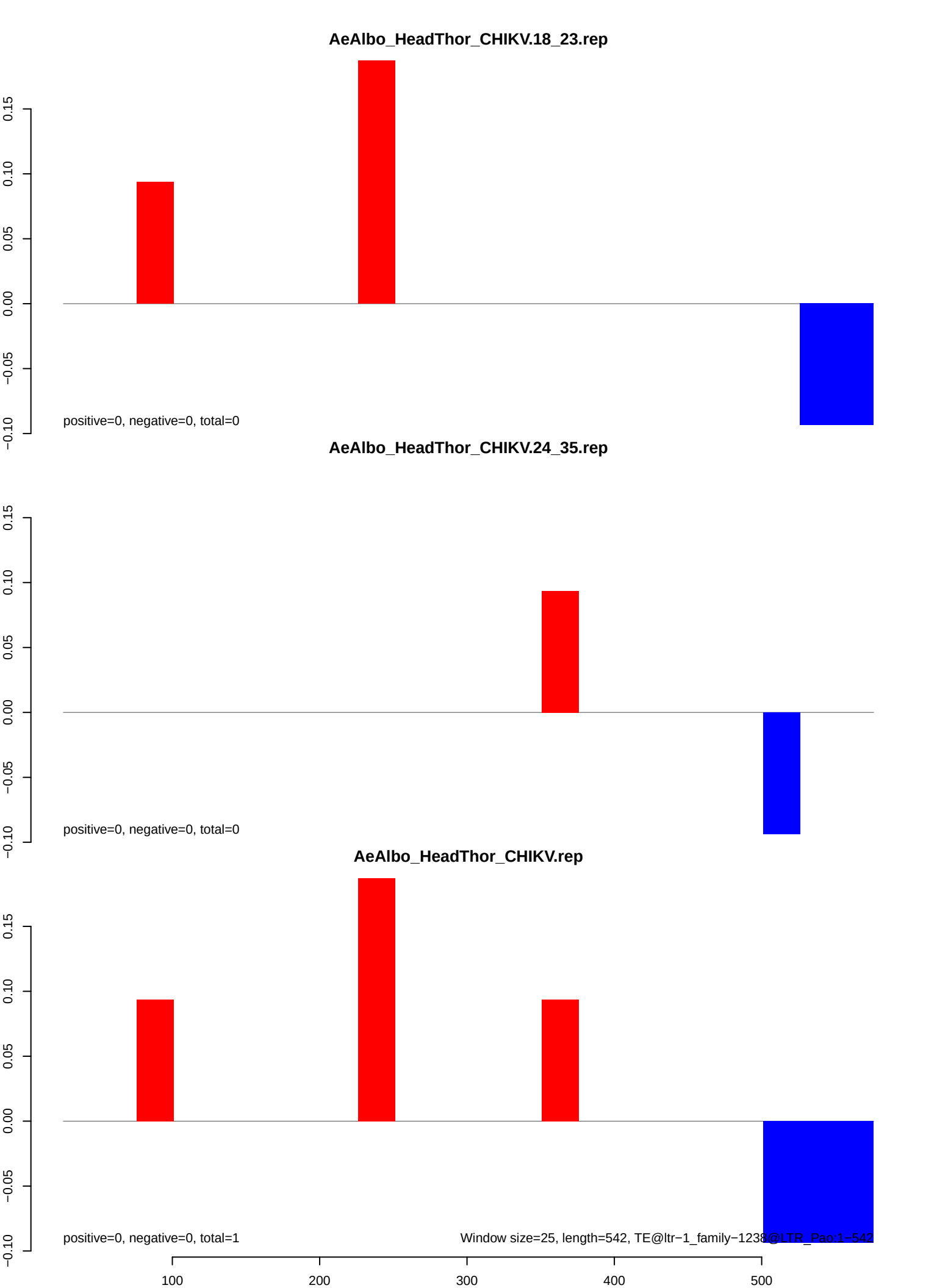

AeAlbo_HeadThor_CHIKV.24_35.rep
2
1
0
−1
positive=0, negative=0, total=0

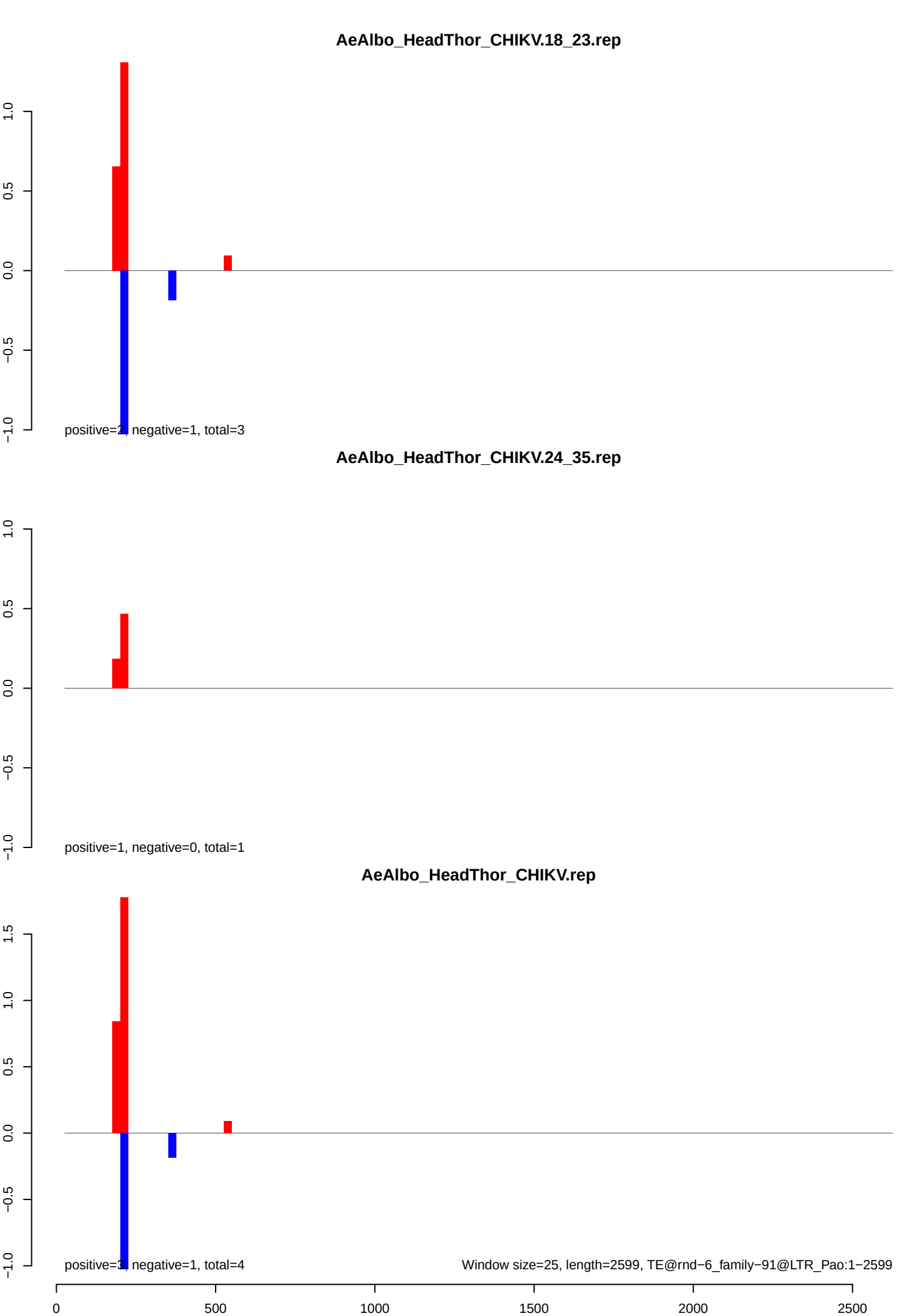

AeAlbo_HeadThor_CHIKV.rep
2
1
0
−1
positive=4, negative=1, total=5
Window size=25, length=595, TE@ltr−1_family−1595@Unknown:1−595
100
200
300
400
500
600

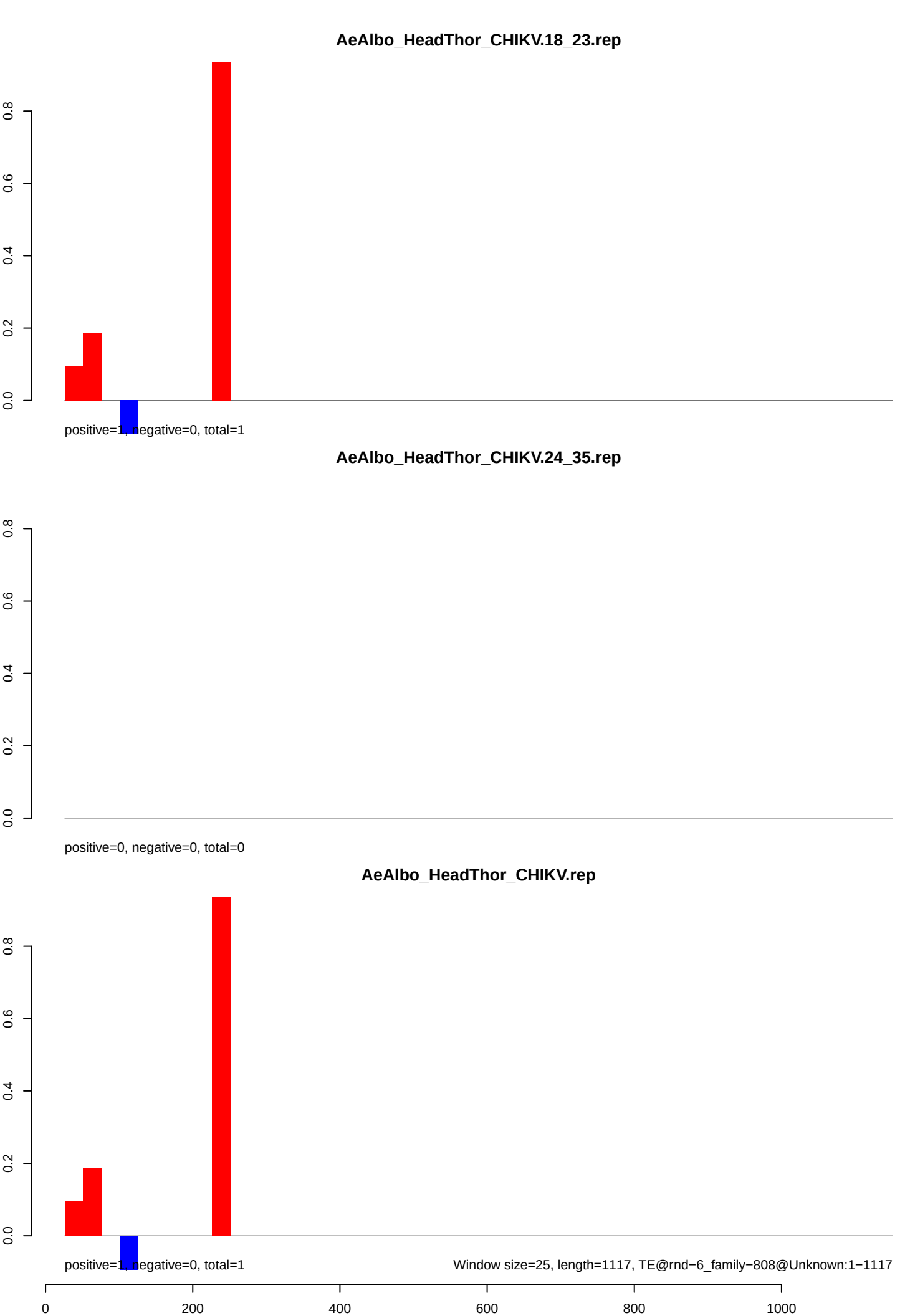

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=553, TE@ltr−1_family−1541@LTR_Pao:1−553
100
200
300
400
500
600

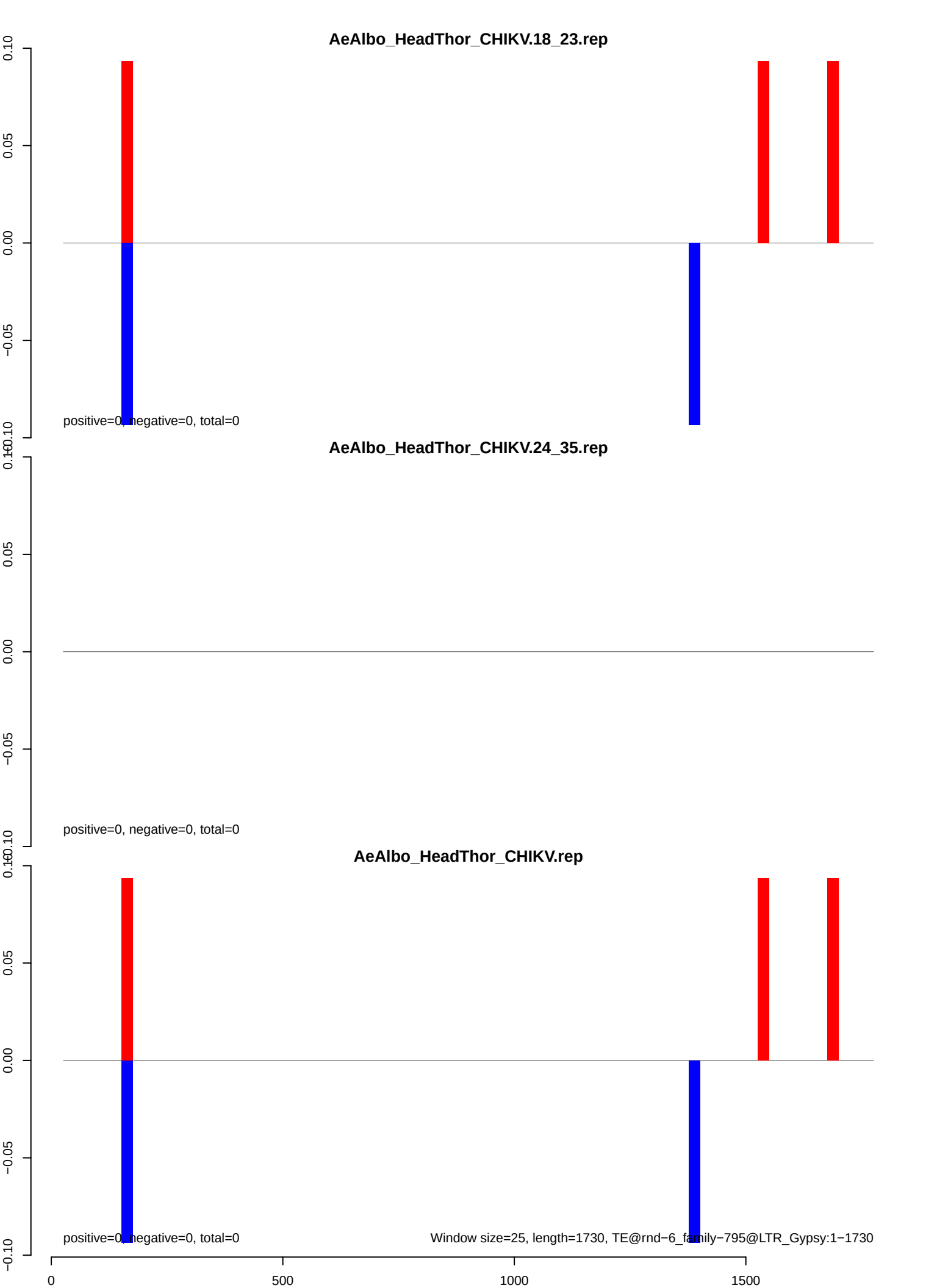

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=729, TE@ltr−1_family−1341@Unknown:1−729
0
200
400
600
800

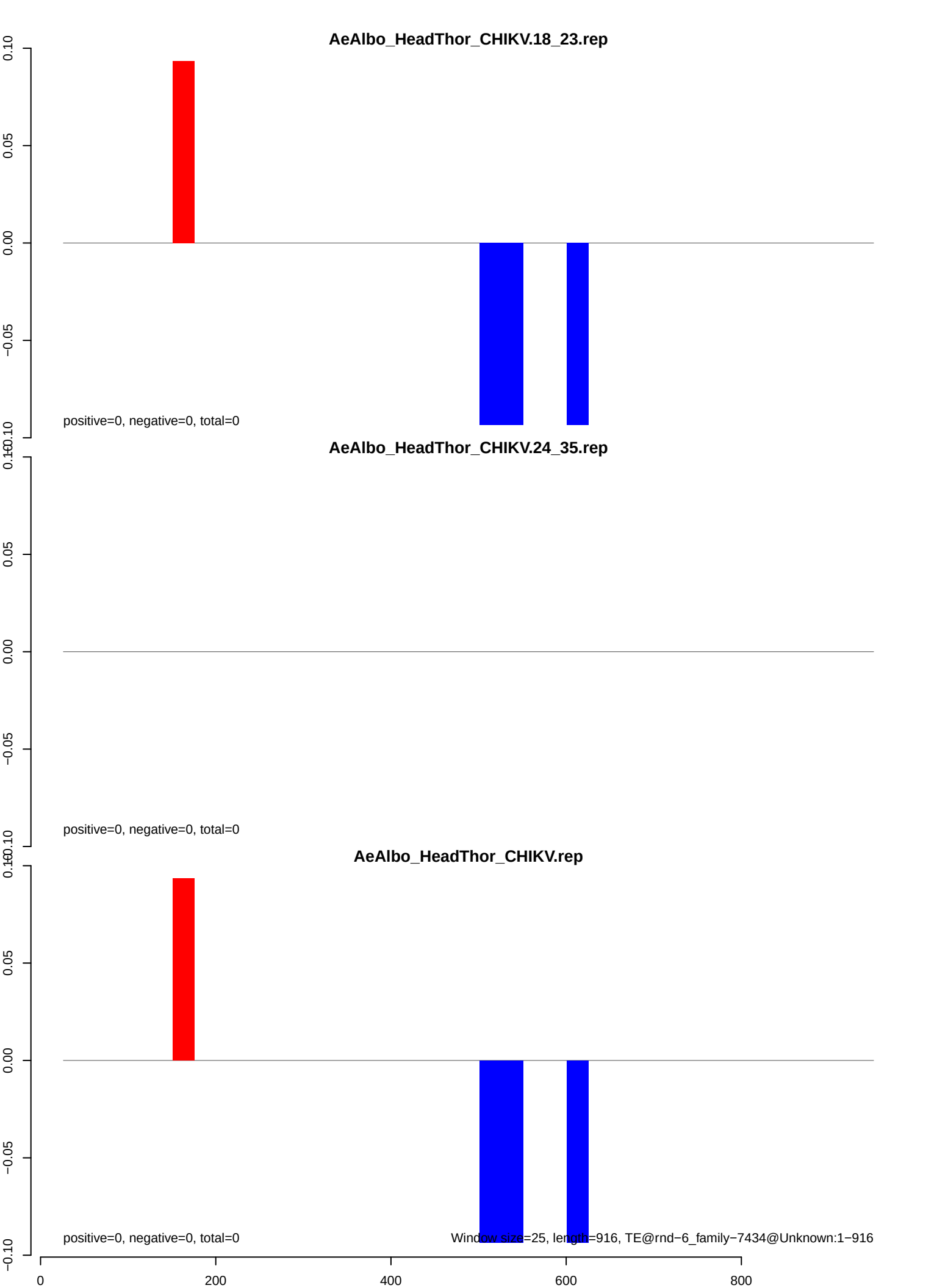

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=651, TE@ltr−1_family−1264@LTR_Pao:1−651
0
100
200
300
400
500
600
700

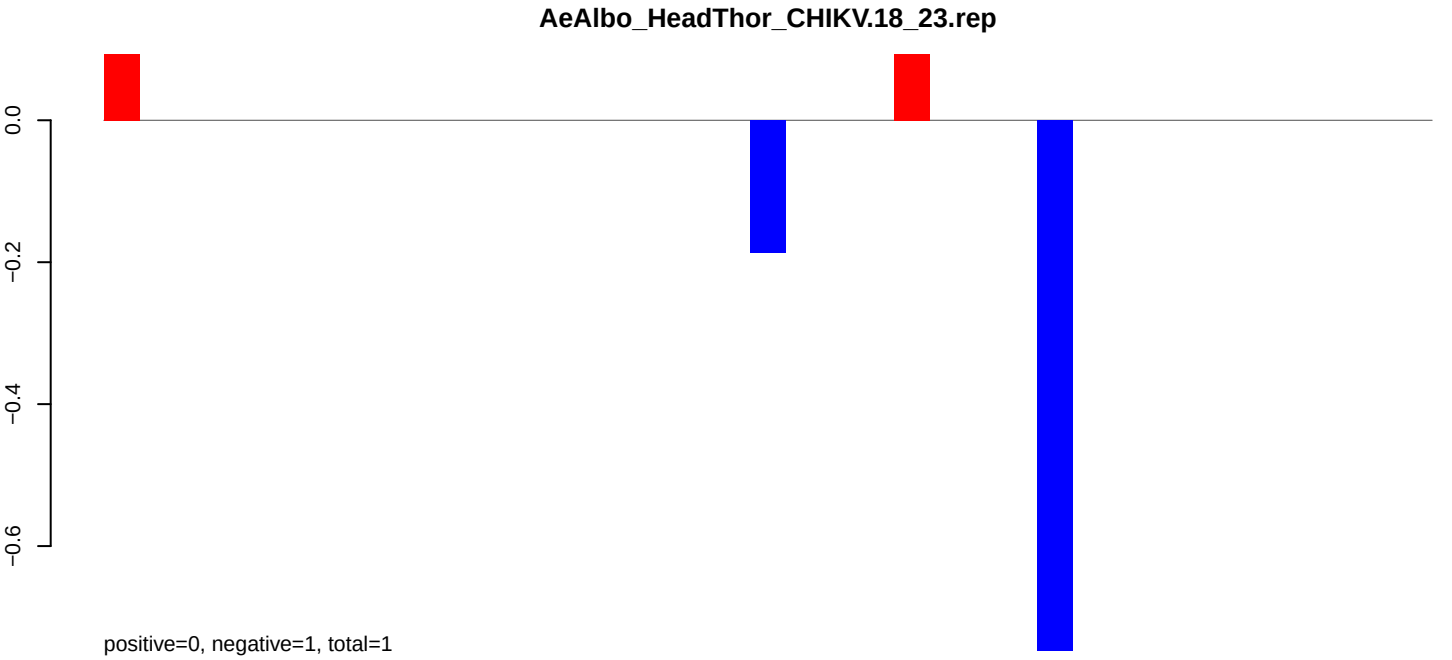

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=542, TE@ltr−1_family−1238@LTR_Pao:1−542
100
200
300
400
500

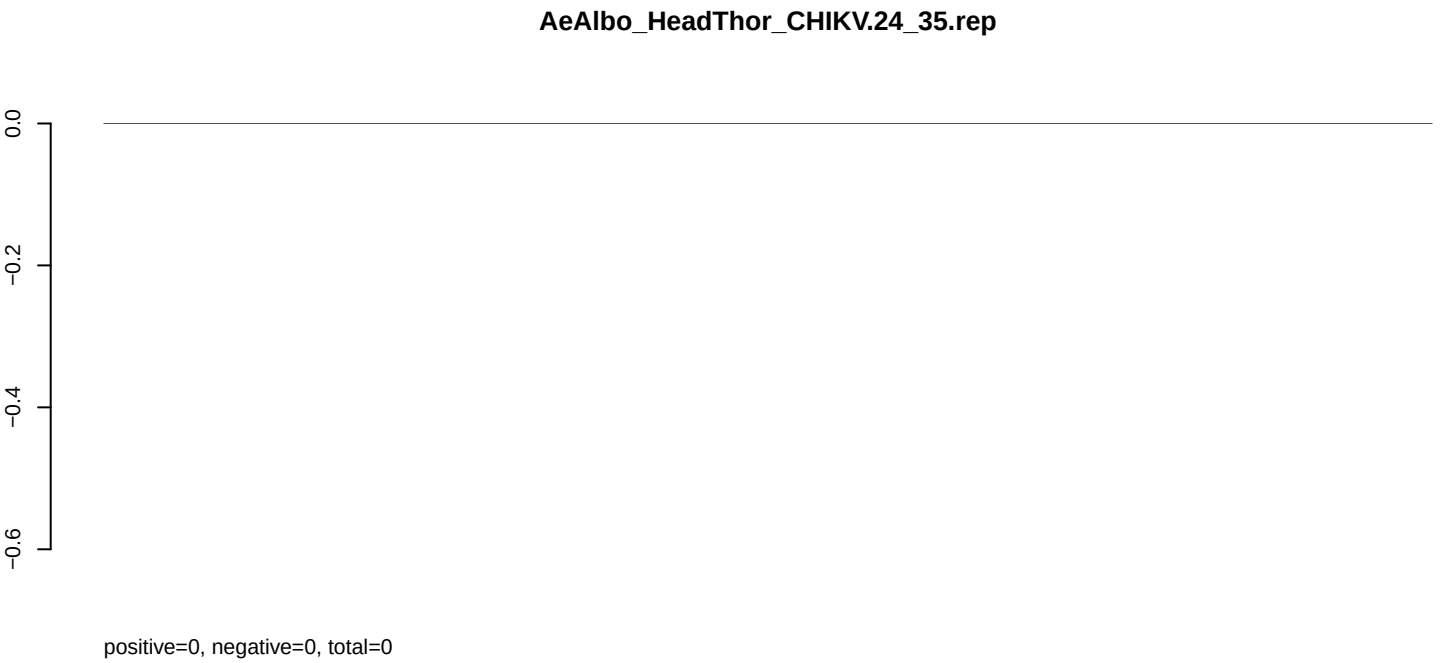

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=3, negative=1, total=4
Window size=25, length=2599, TE@rnd−6_family−91@LTR_Pao:1−2599
0
500
1000
1500
2000
2500

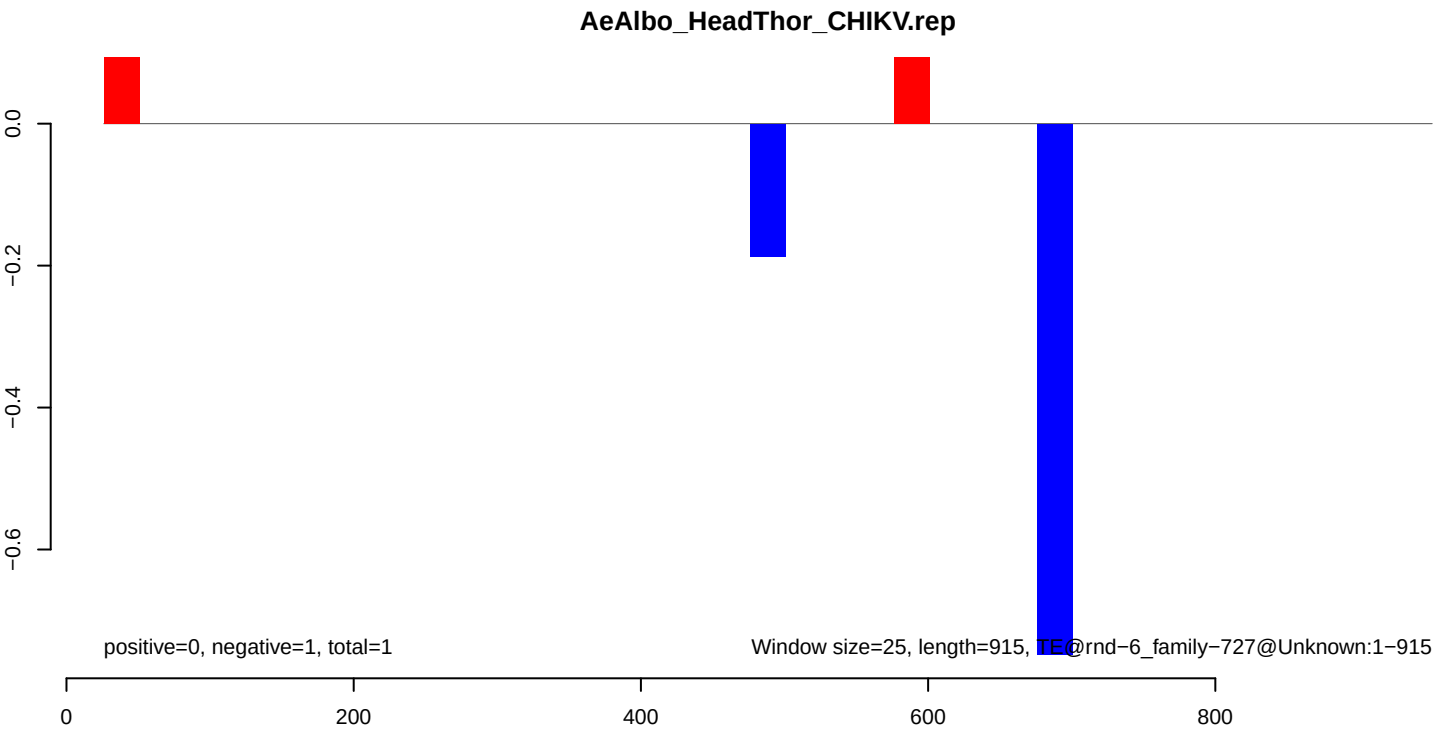

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
Window size=25, length=1117, TE@rnd−6_family−808@Unknown:1−1117
0
200
400
600
800
1000

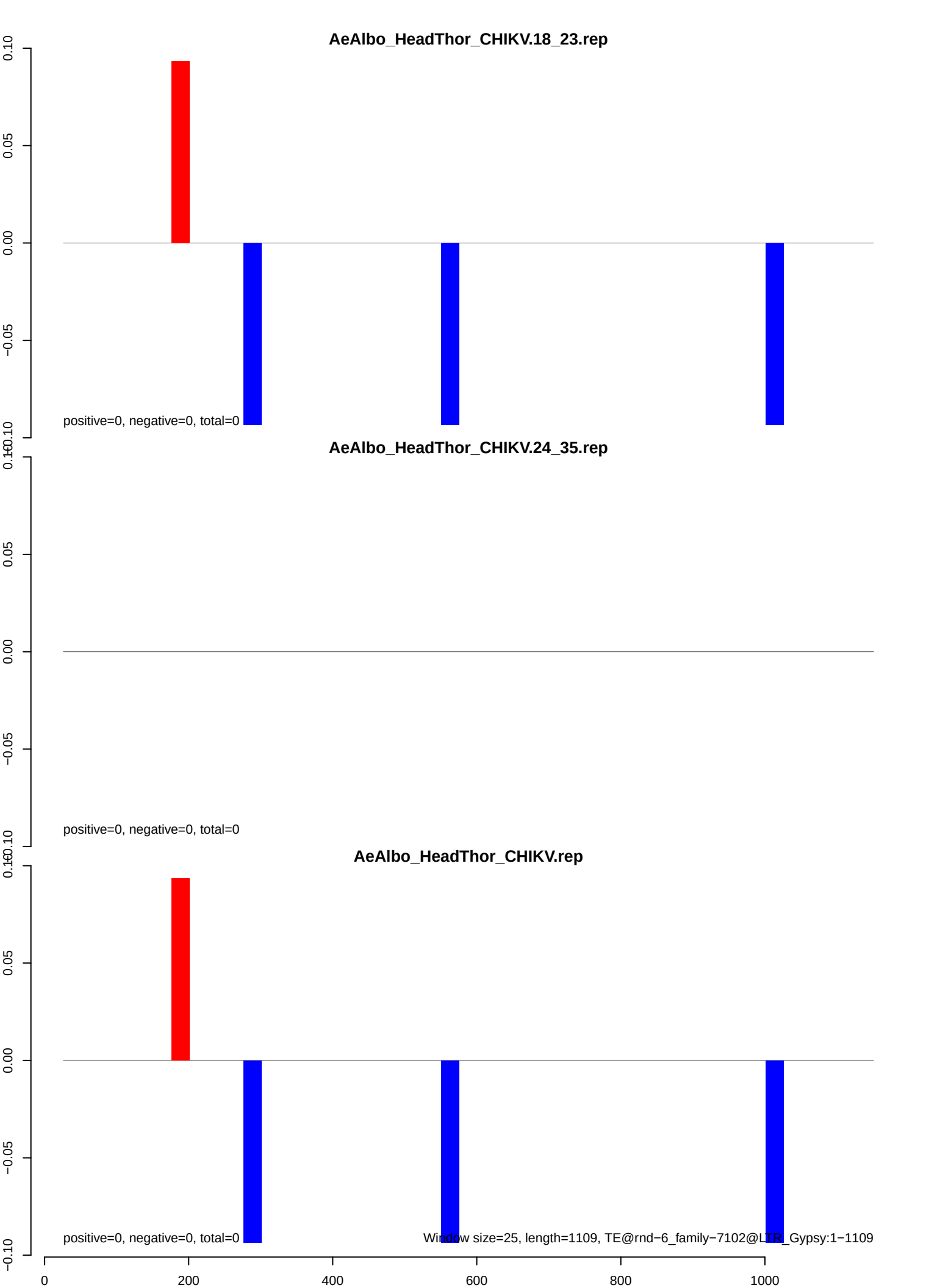

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1730, TE@rnd−6_family−795@LTR_Gypsy:1−1730
0
500
1000
1500

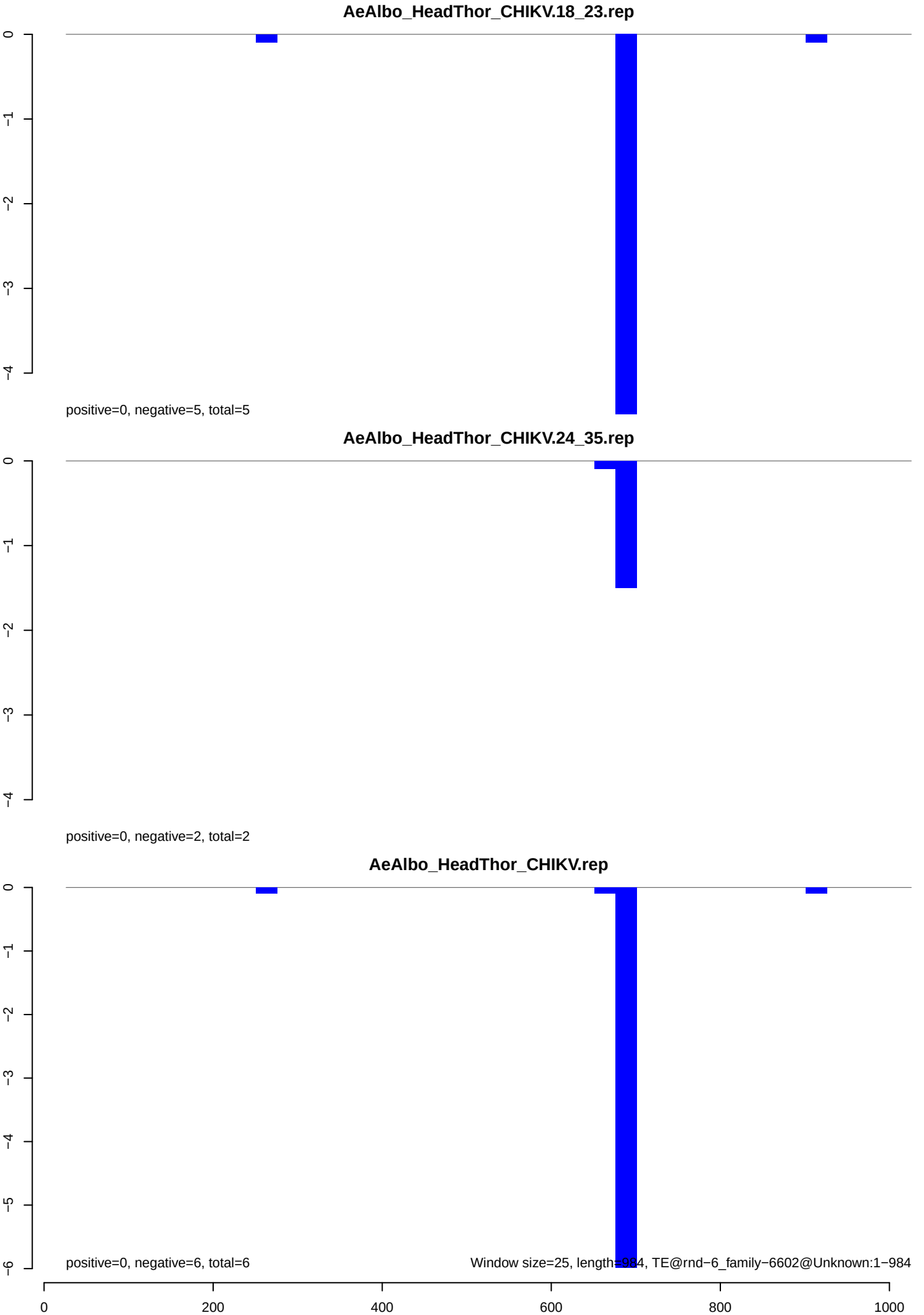

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=916, TE@rnd−6_family−7434@Unknown:1−916
0
200
400
600
800

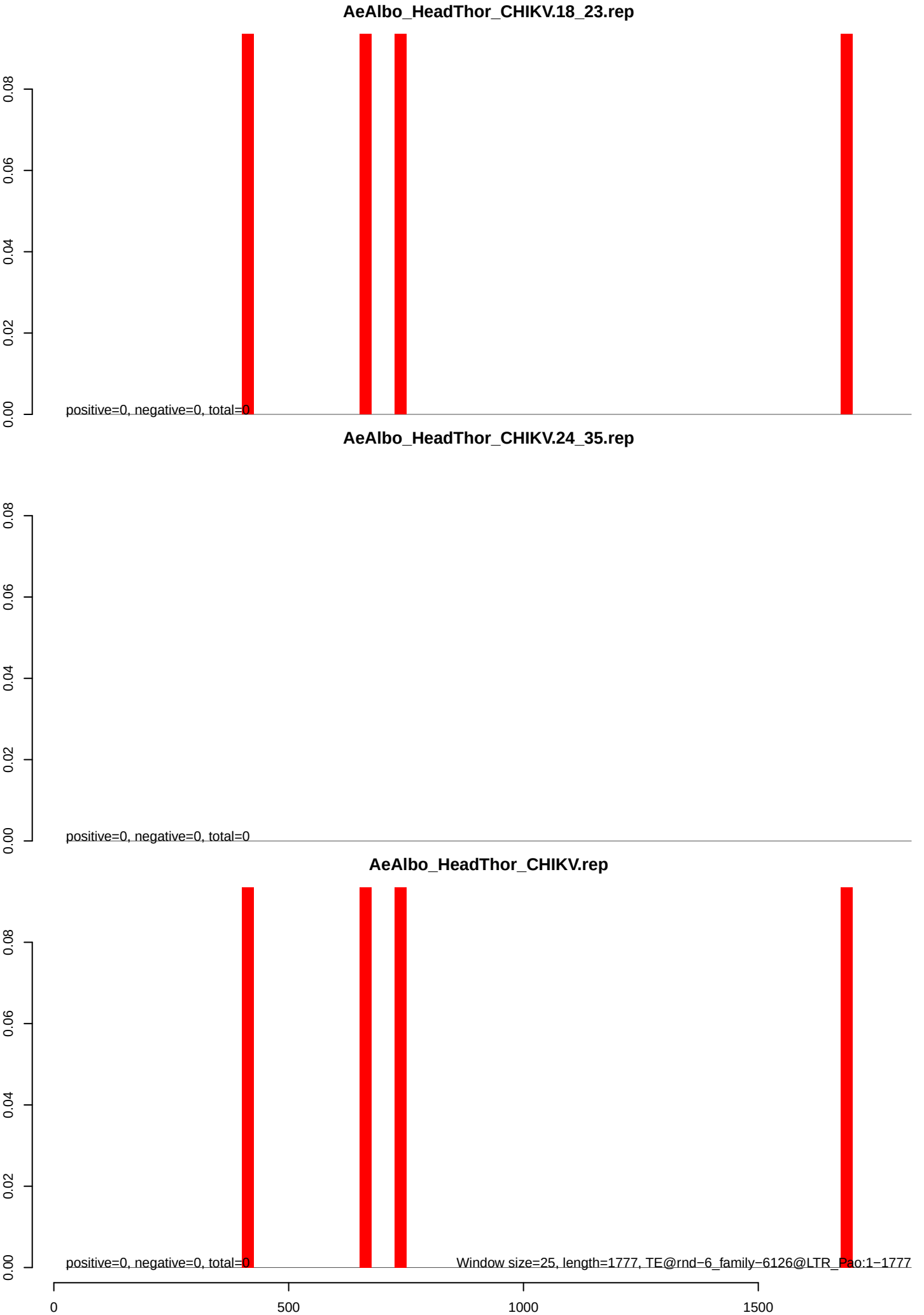

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1

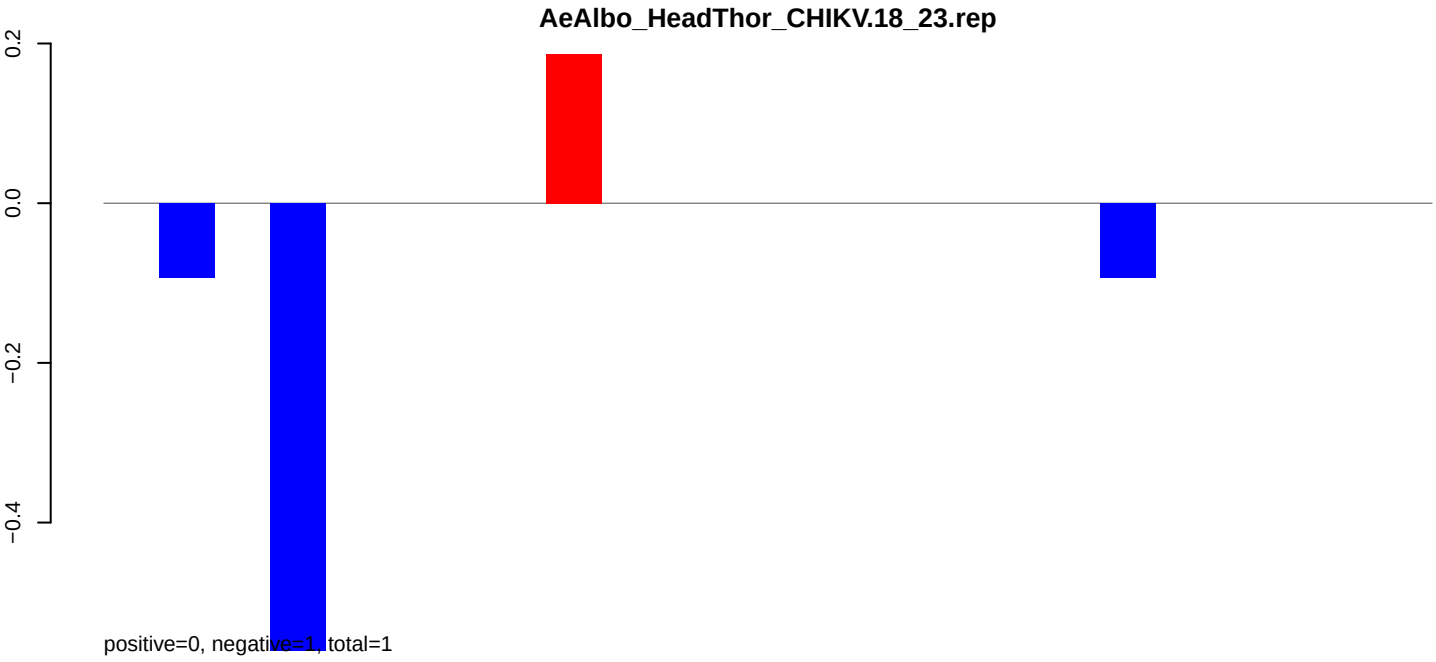

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

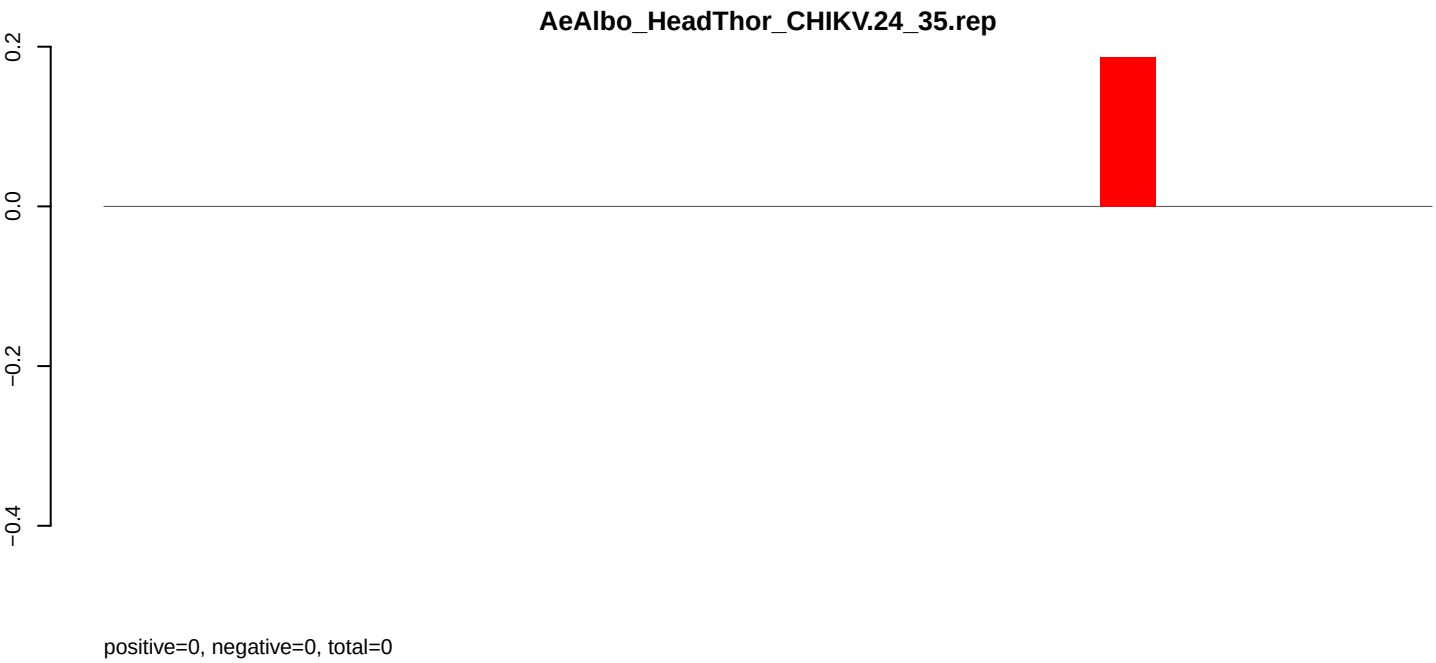

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=915, TE@rnd−6_family−727@Unknown:1−915
0
200
400
600
800

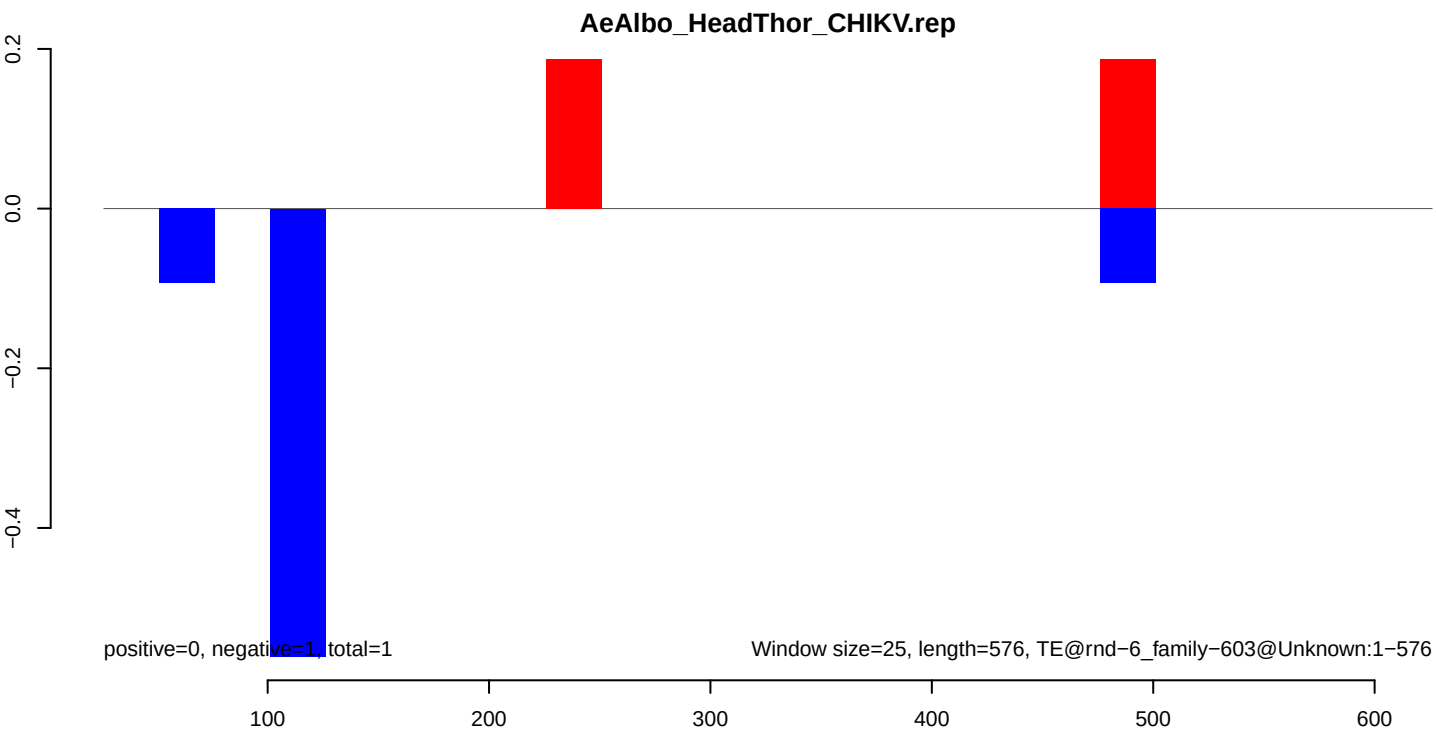

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1109, TE@rnd−6_family−7102@LTR_Gypsy:1−1109
0
200
400
600
800
1000

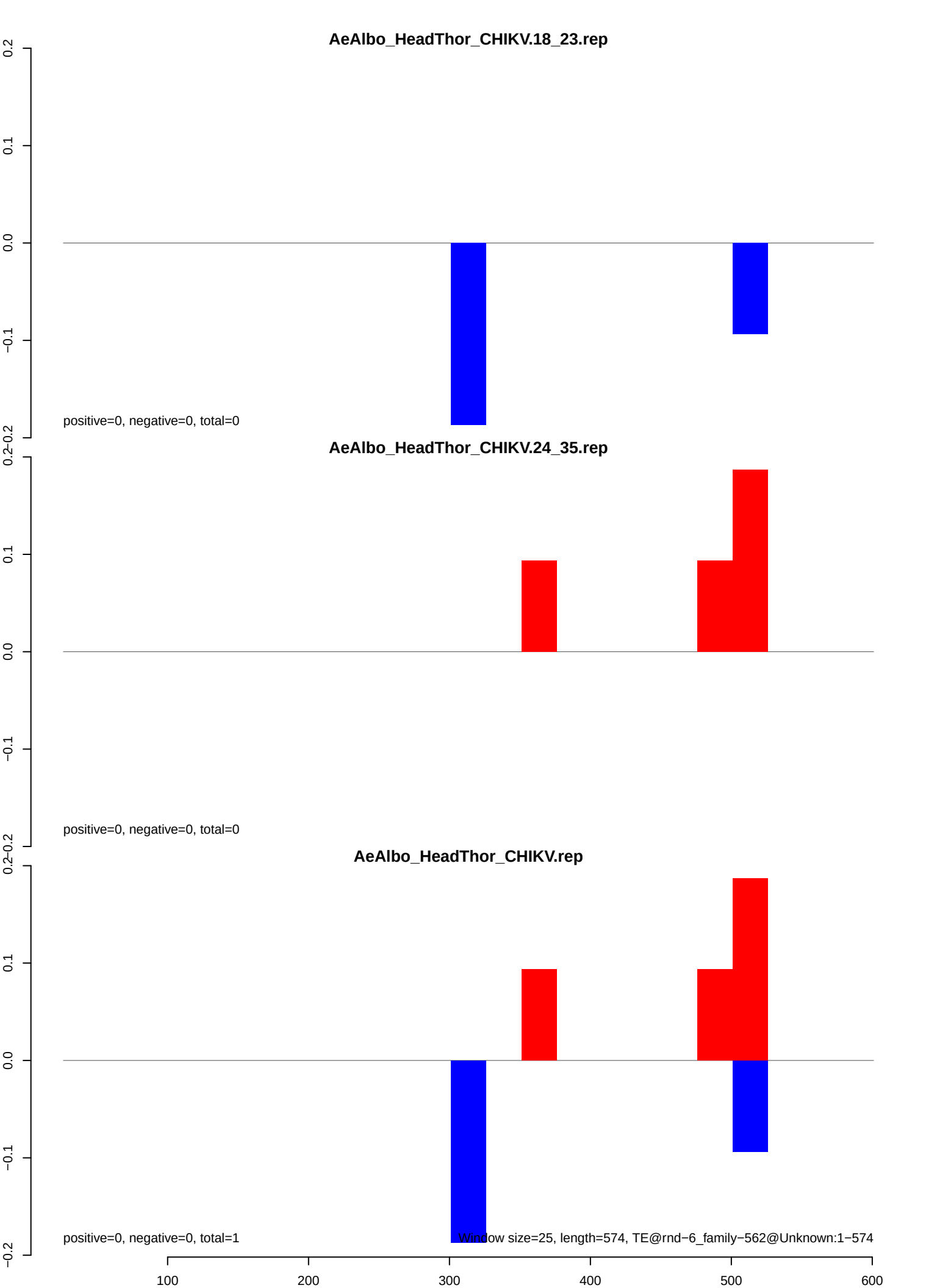

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
−6
positive=0, negative=6, total=6
Window size=25, length=984, TE@rnd−6_family−6602@Unknown:1−984
0
200
400
600
800
1000

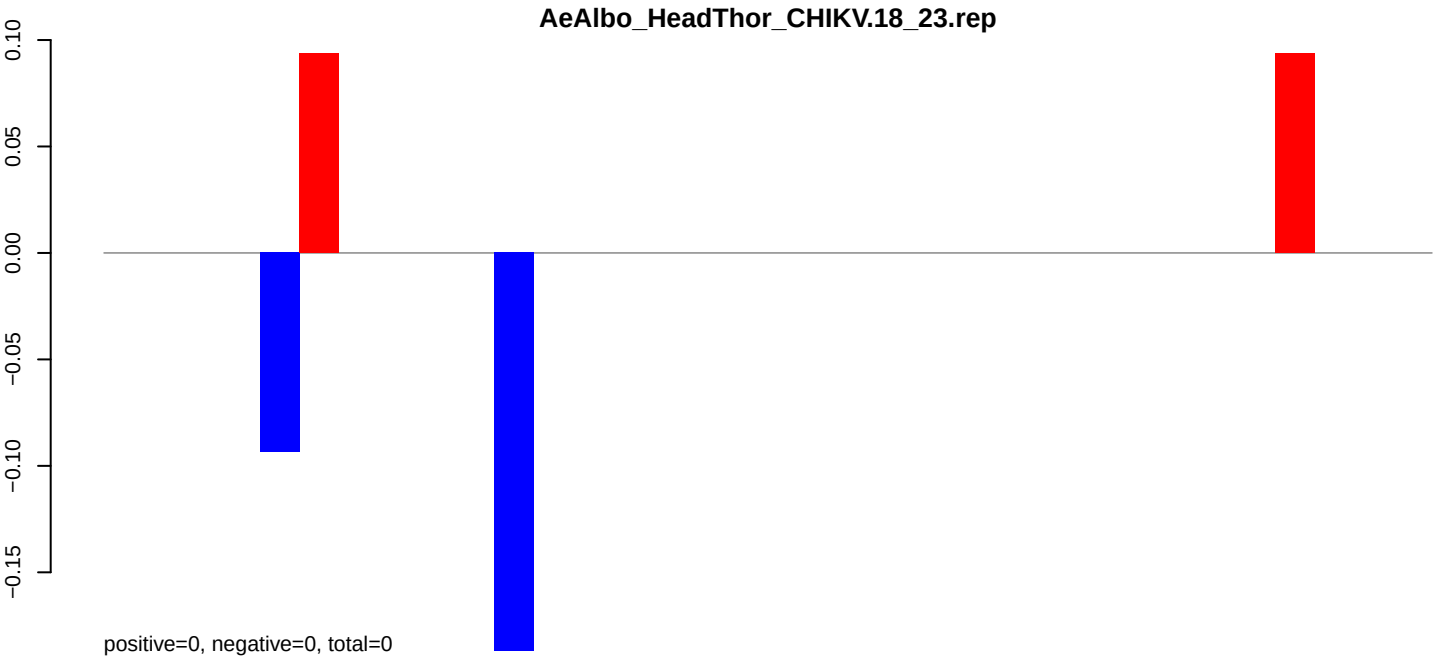

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1777, TE@rnd−6_family−6126@LTR_Pao:1−1777
0
500
1000
1500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1

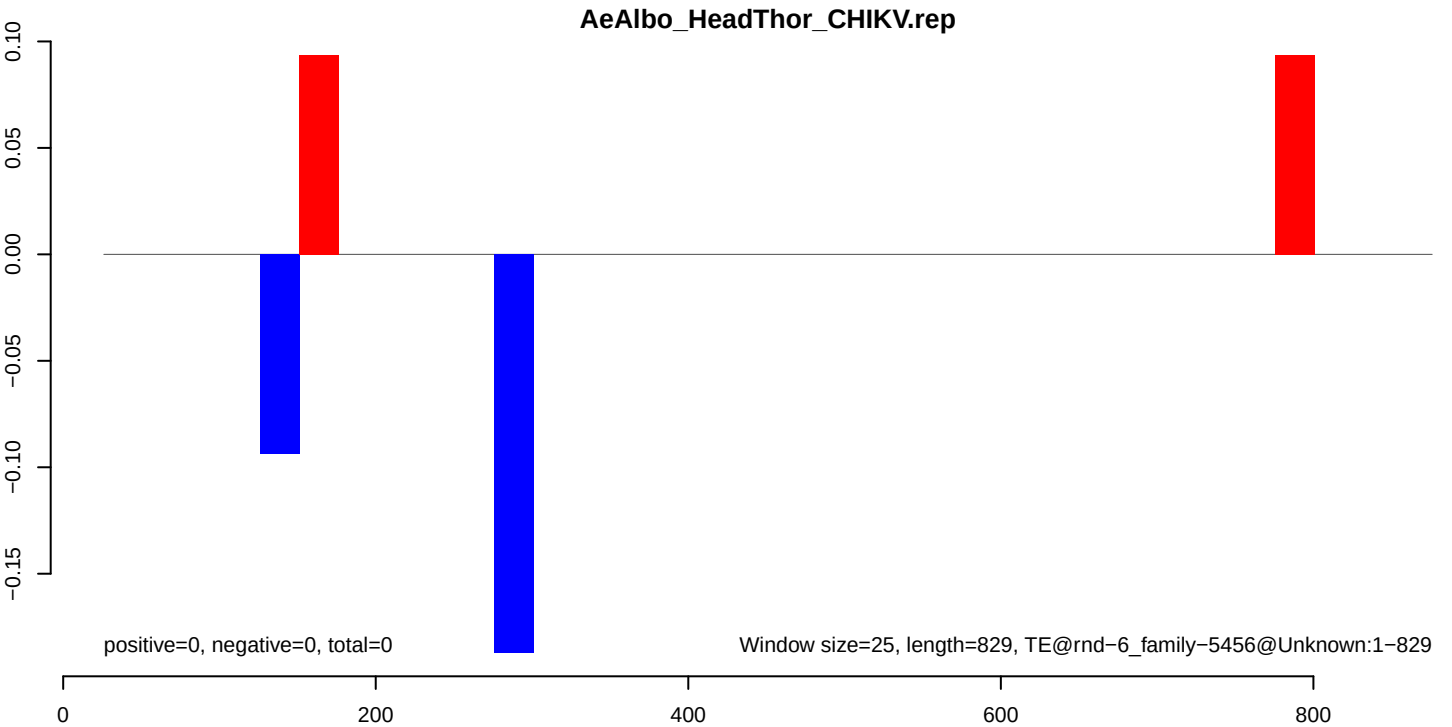

AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0

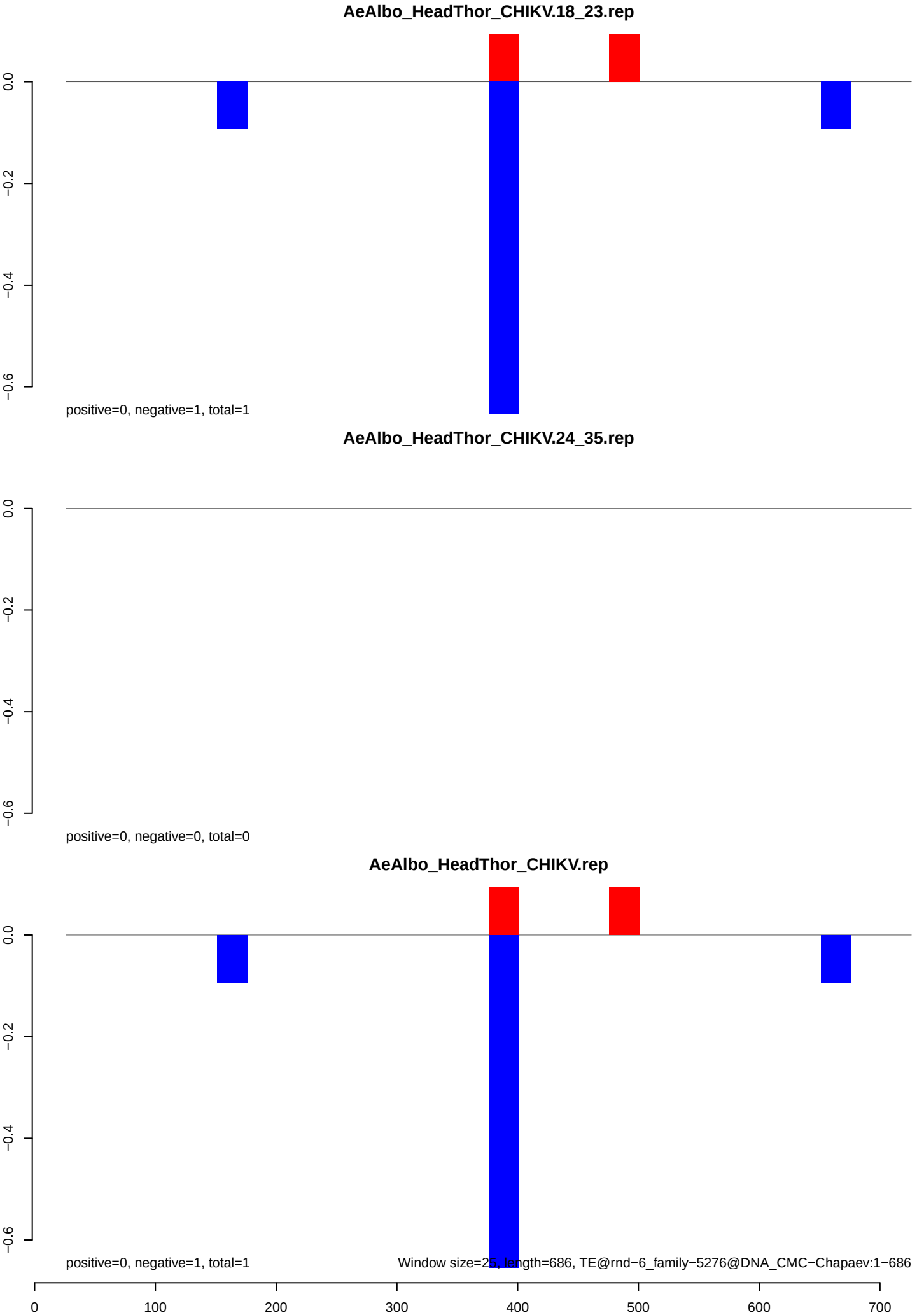

AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
Window size=25, length=576, TE@rnd−6_family−603@Unknown:1−576
100
200
300
400
500
600

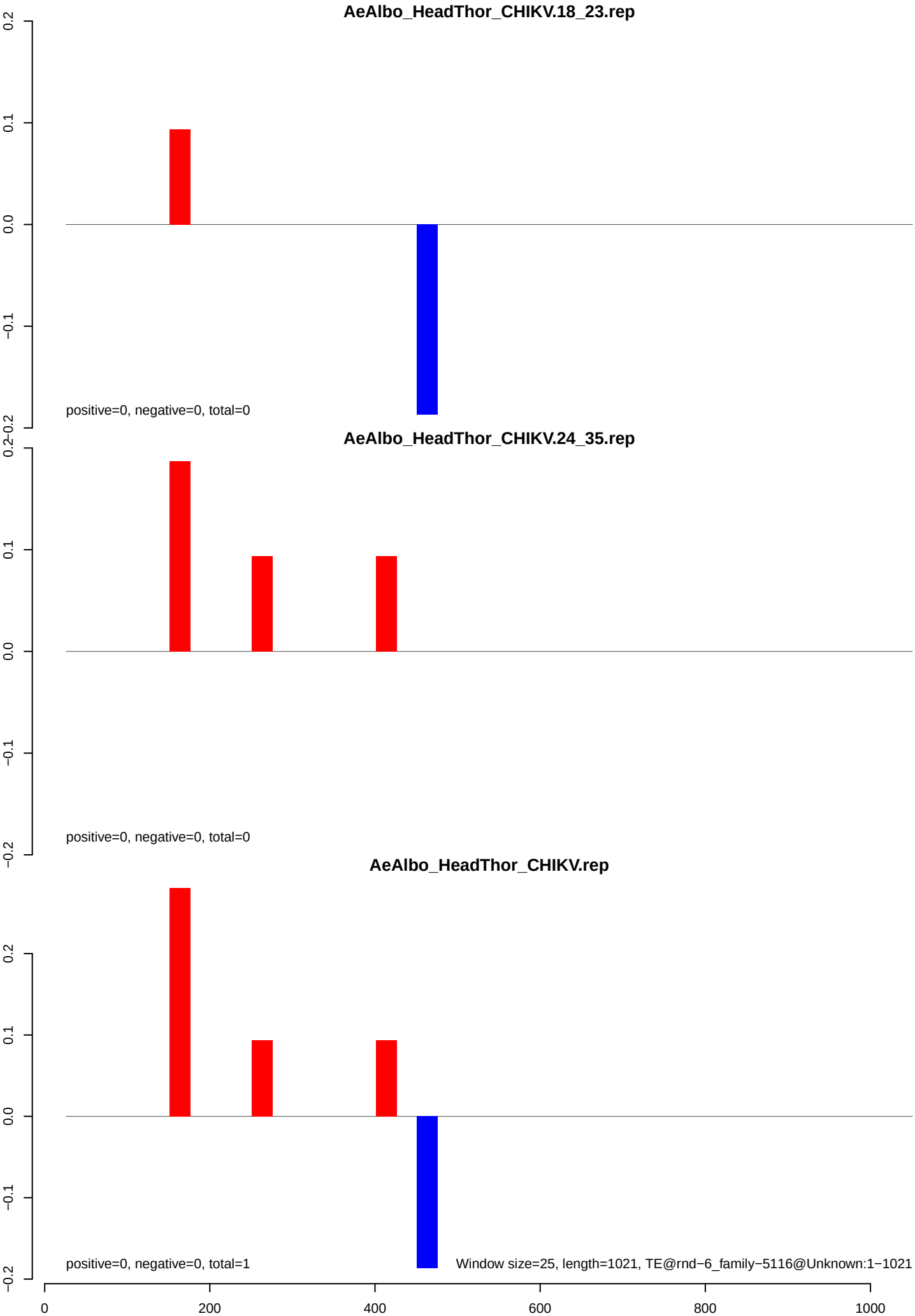

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=574, TE@rnd−6_family−562@Unknown:1−574
0.2
0.1
0.0
−0.1
−0.2
100
200
300
400
500
600

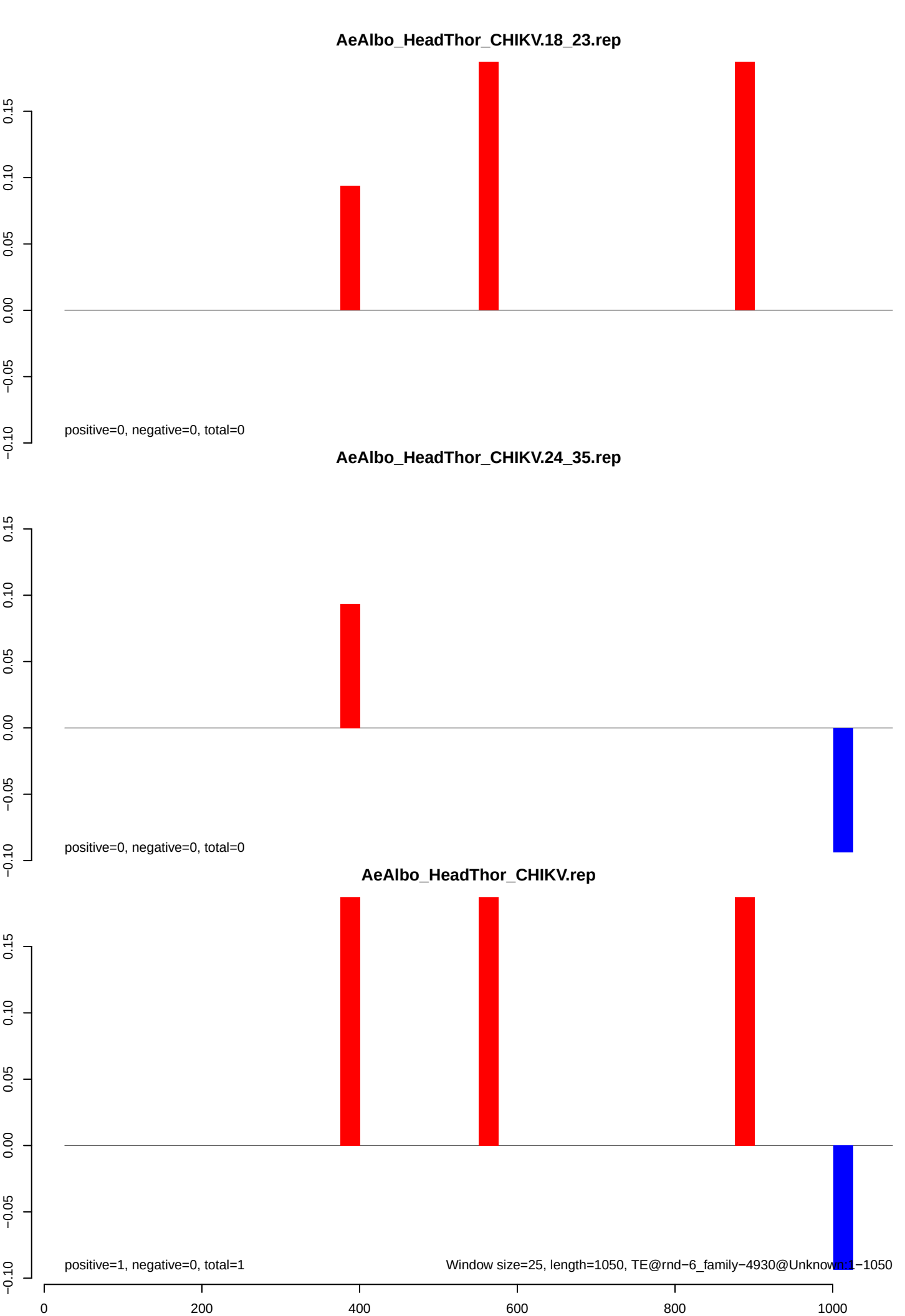

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

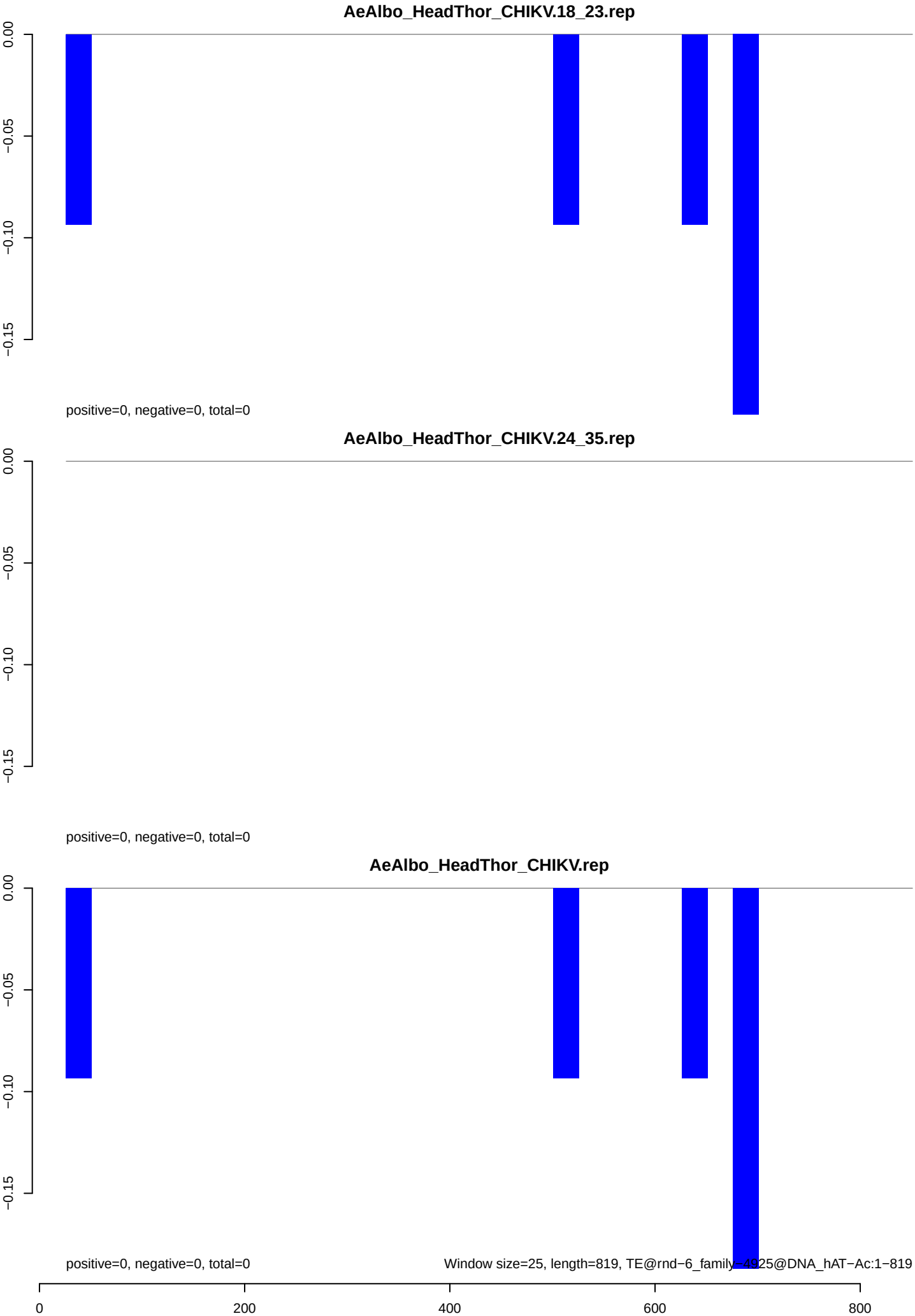
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

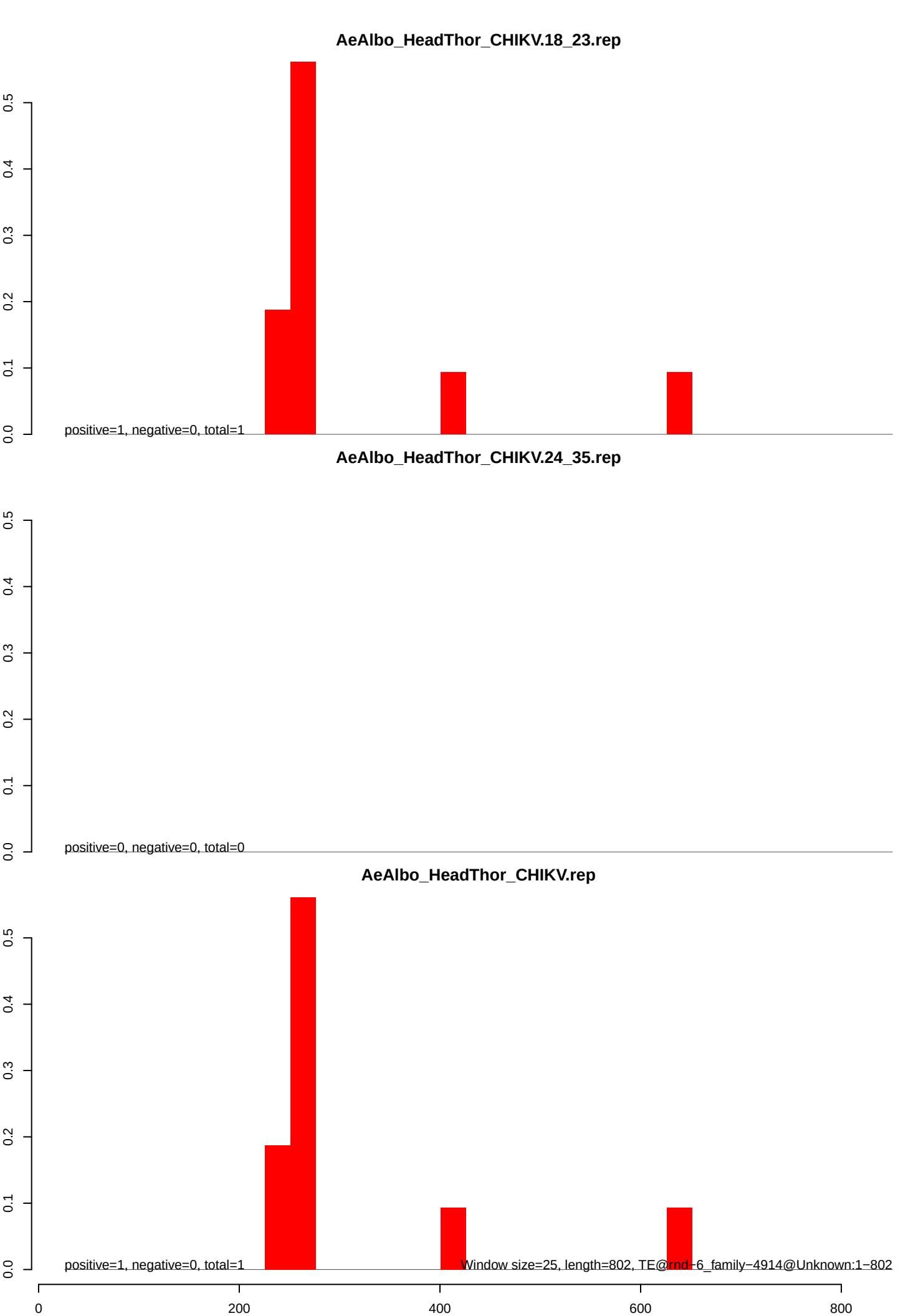

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=829, TE@rnd−6_family−5456@Unknown:1−829
0
200
400
600
800

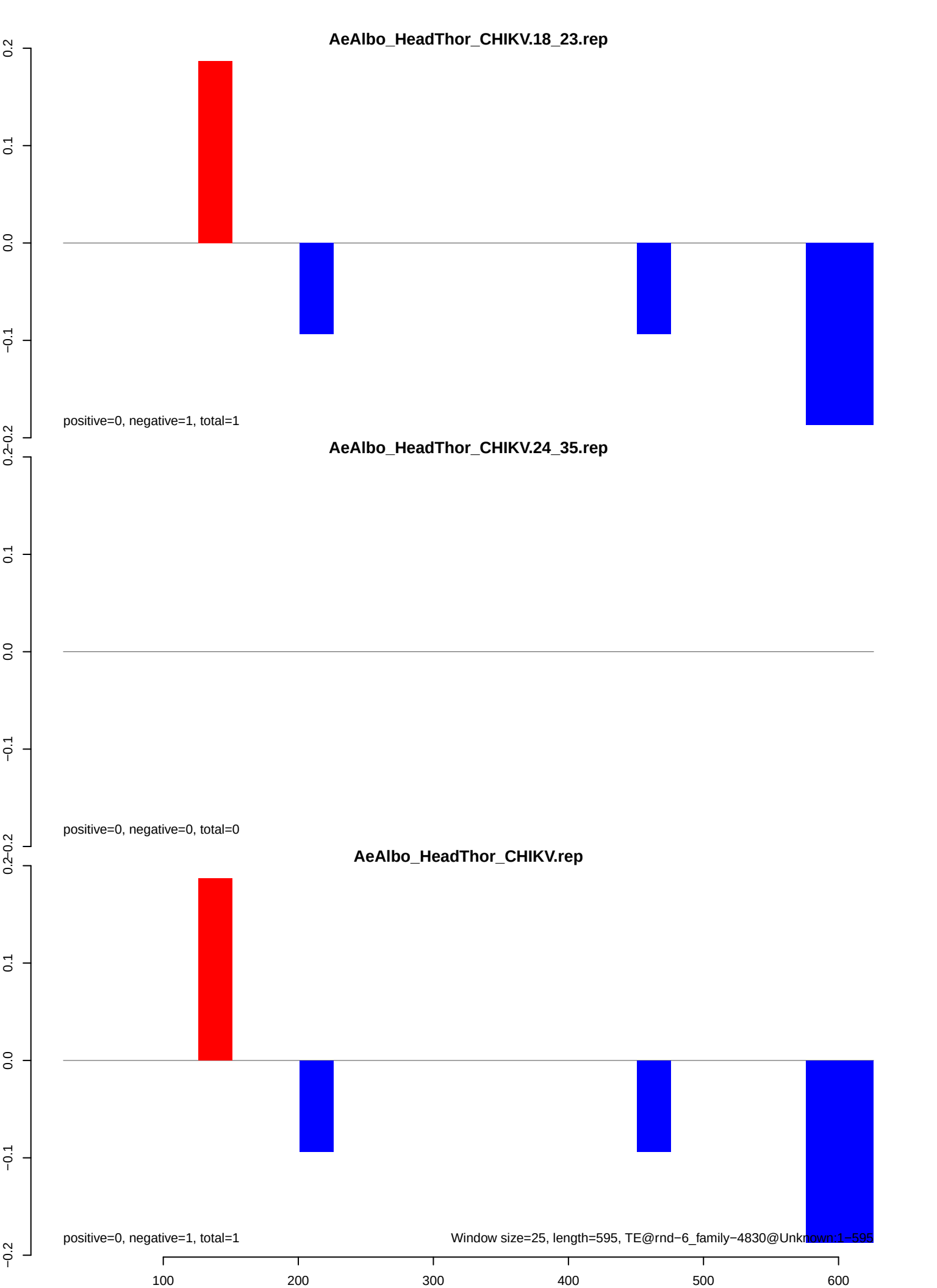

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=686, TE@rnd−6_family−5276@DNA_CMC−Chapaev:1−686
0
100
200
300
400
500
600
700

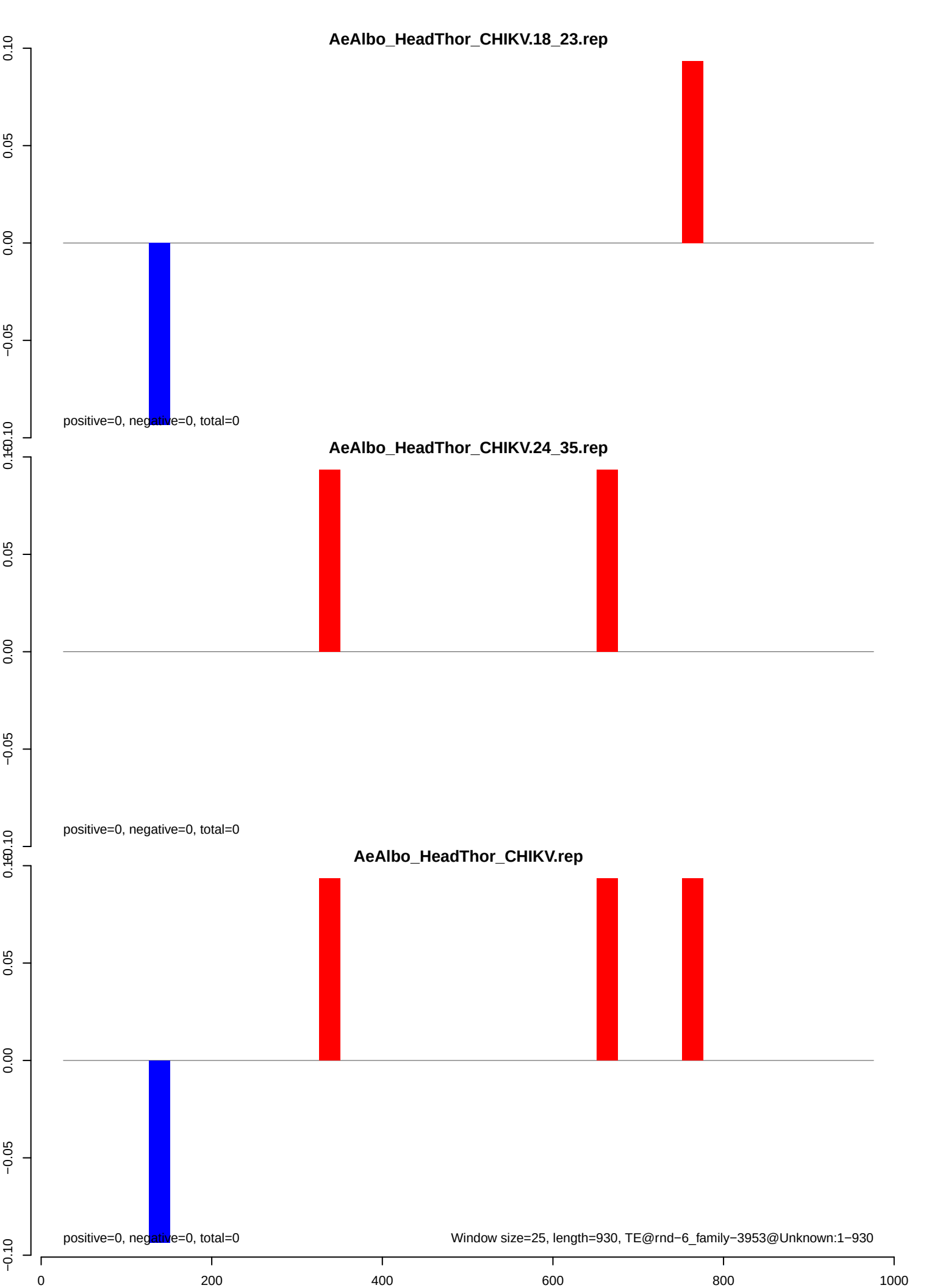

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=1021, TE@rnd−6_family−5116@Unknown:1−1021
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800
1000

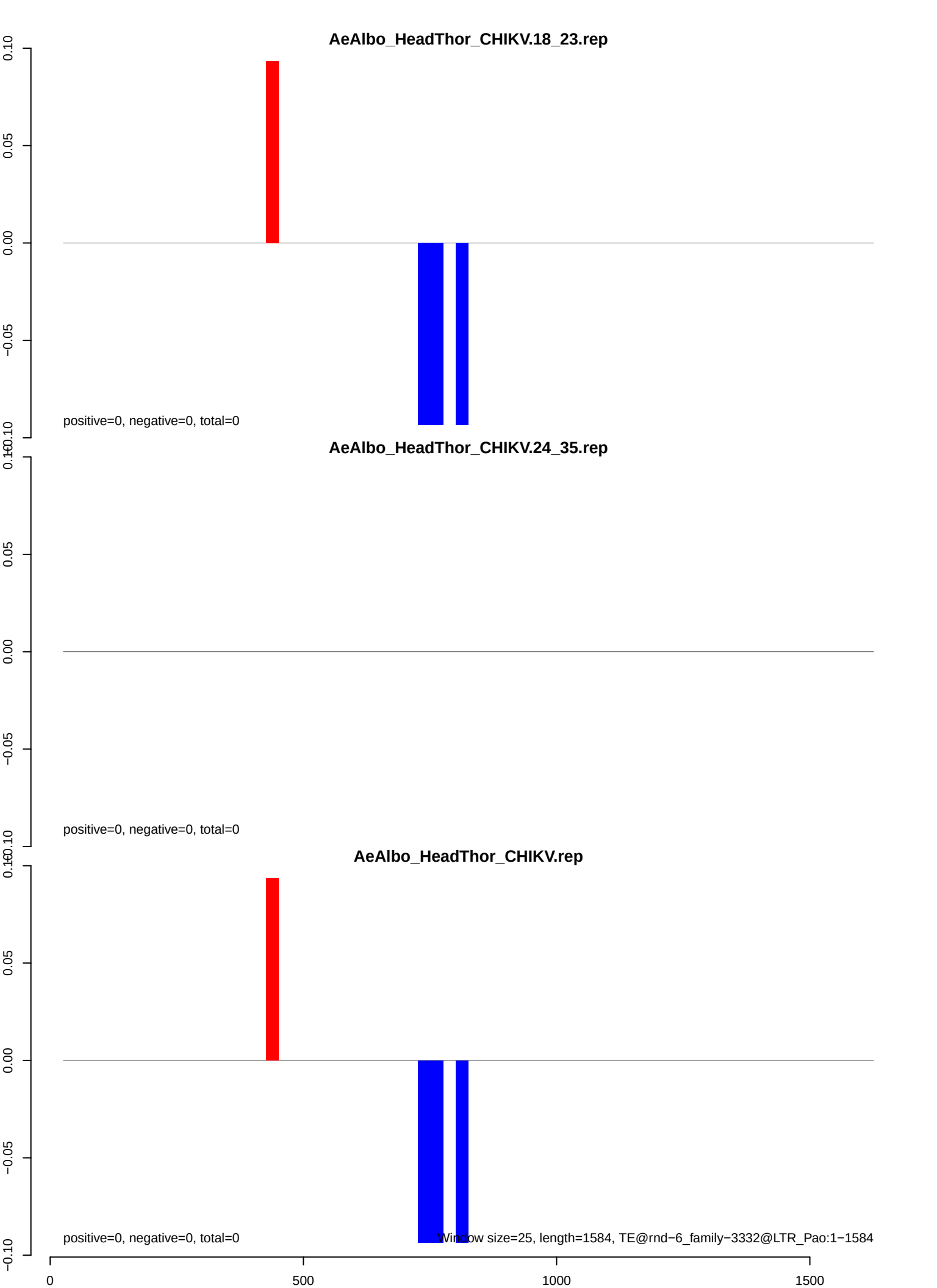

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=1050, TE@rnd−6_family−4930@Unknown:1−1050
0
200
400
600
800
1000

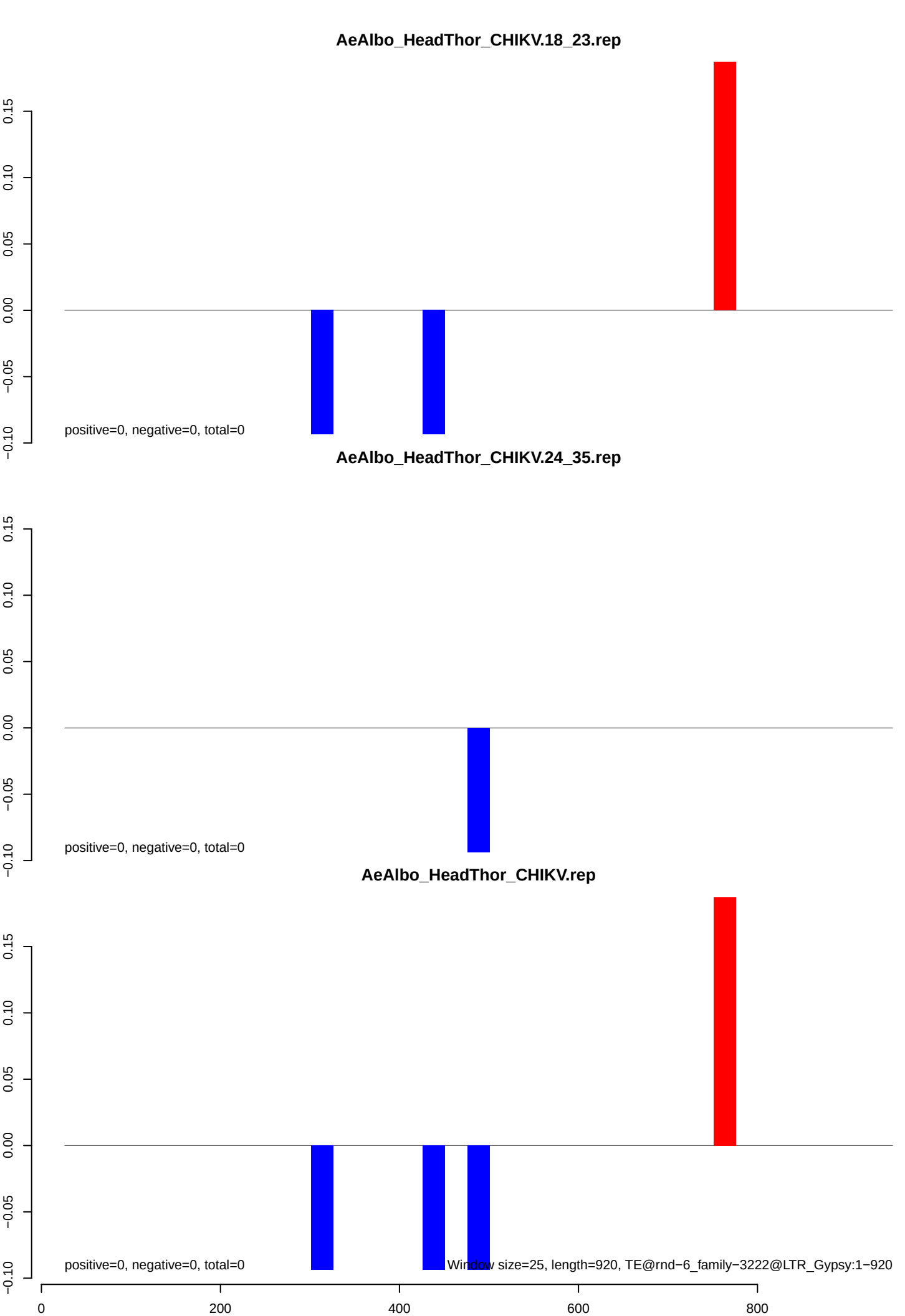

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=819, TE@rnd−6_family−4925@DNA_hAT−Ac:1−819
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=1, negative=0, total=1
Window size=25, length=802, TE@rnd-6_family-4914@Unknown:1-802
0
200
400
600
800

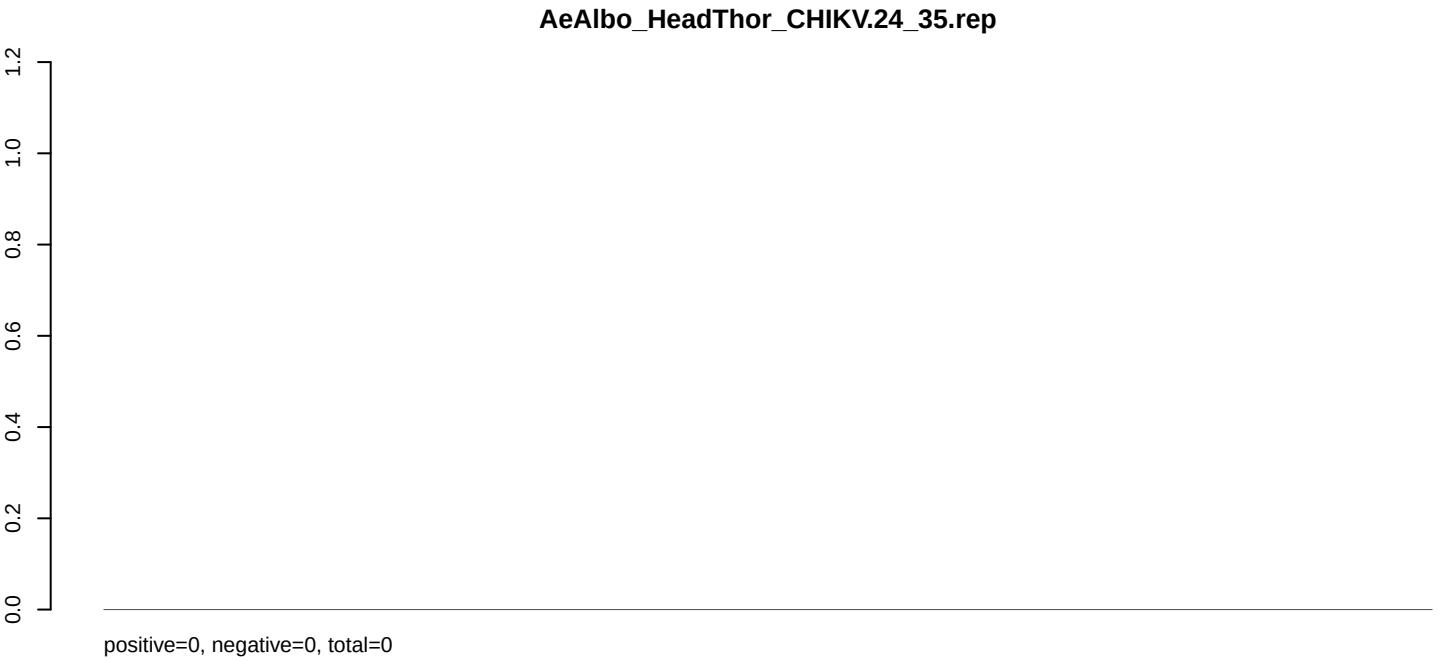

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=595, TE@rnd−6_family−4830@Unknown:1−595
100
200
300
400
500
600

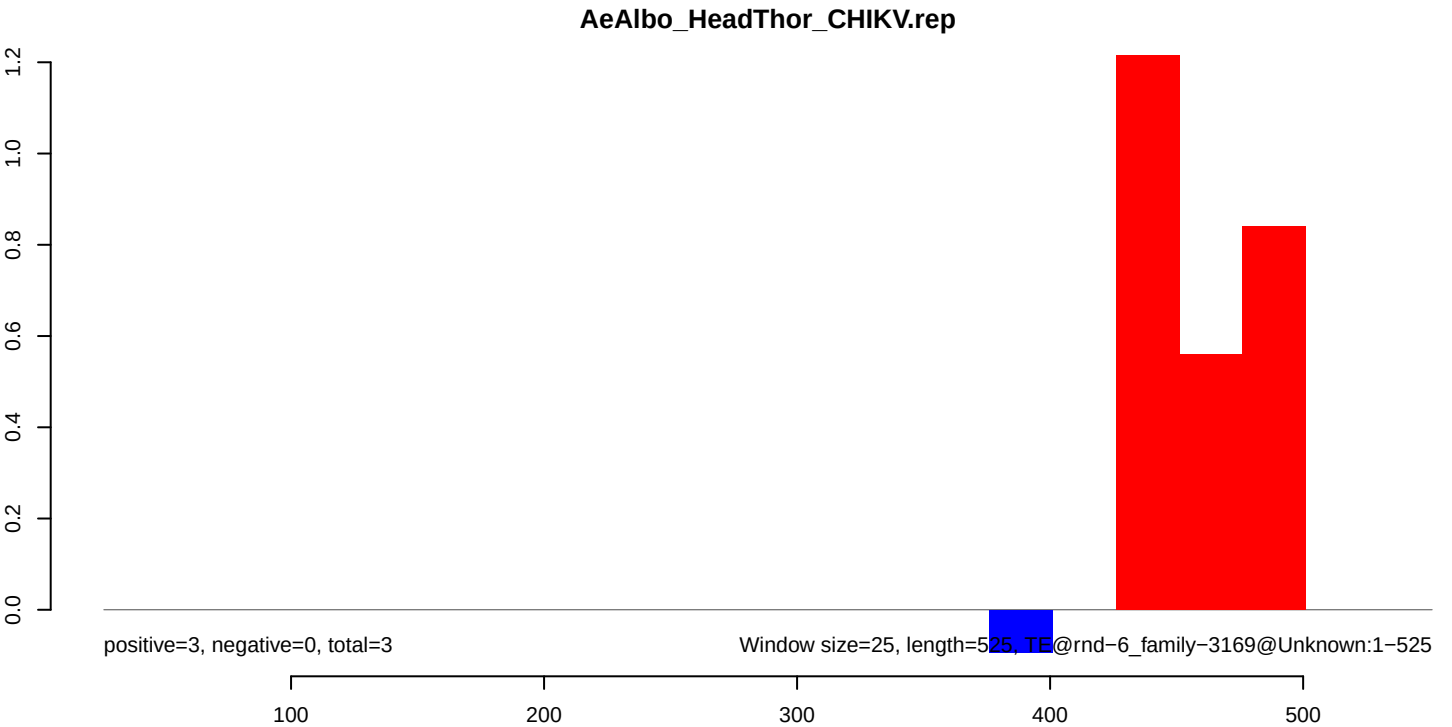

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=930, TE@rnd−6_family−3953@Unknown:1−930
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800
1000

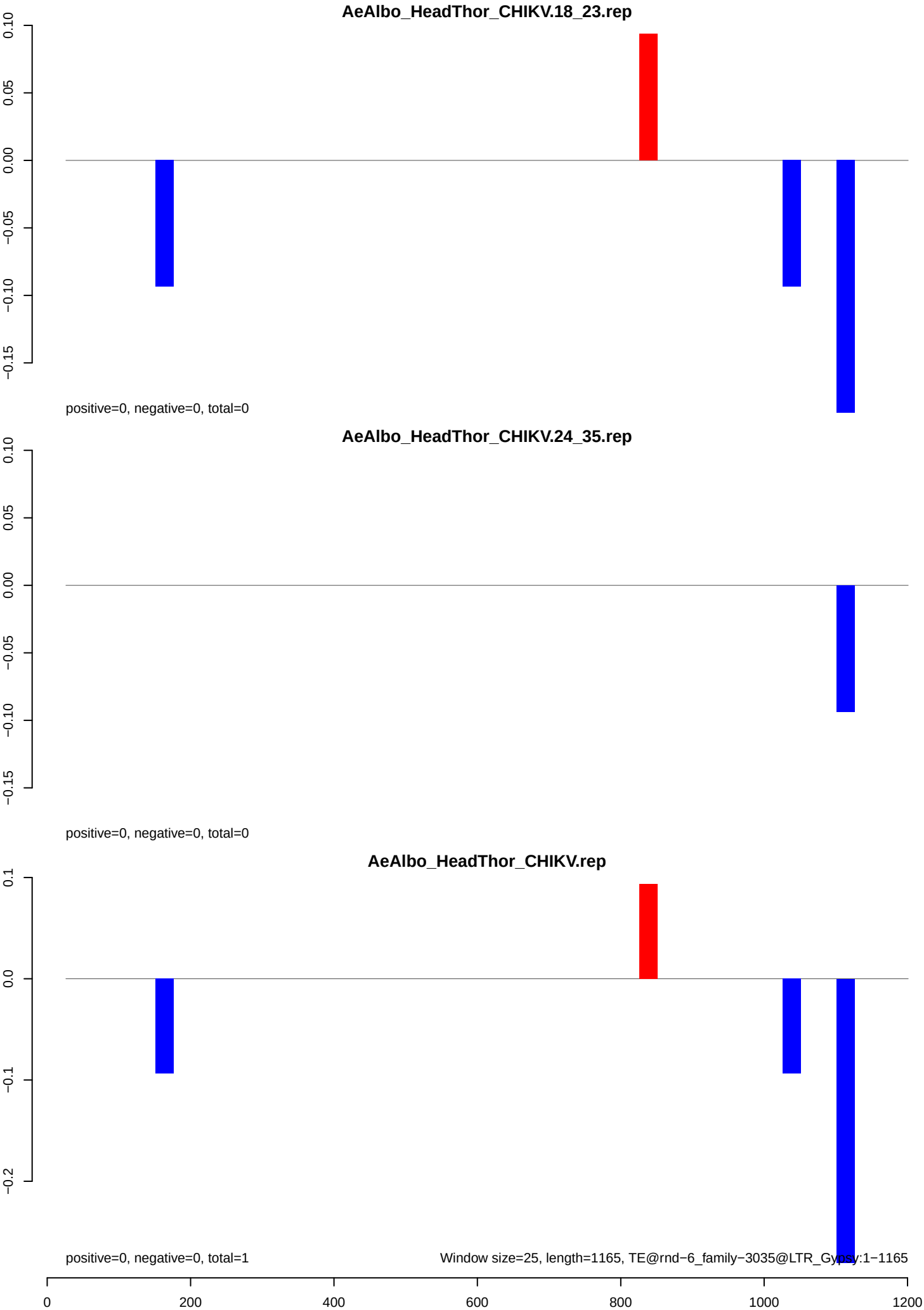

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1584, TE@rnd−6_family−3332@LTR_Pao:1−1584
0
500
1000
1500

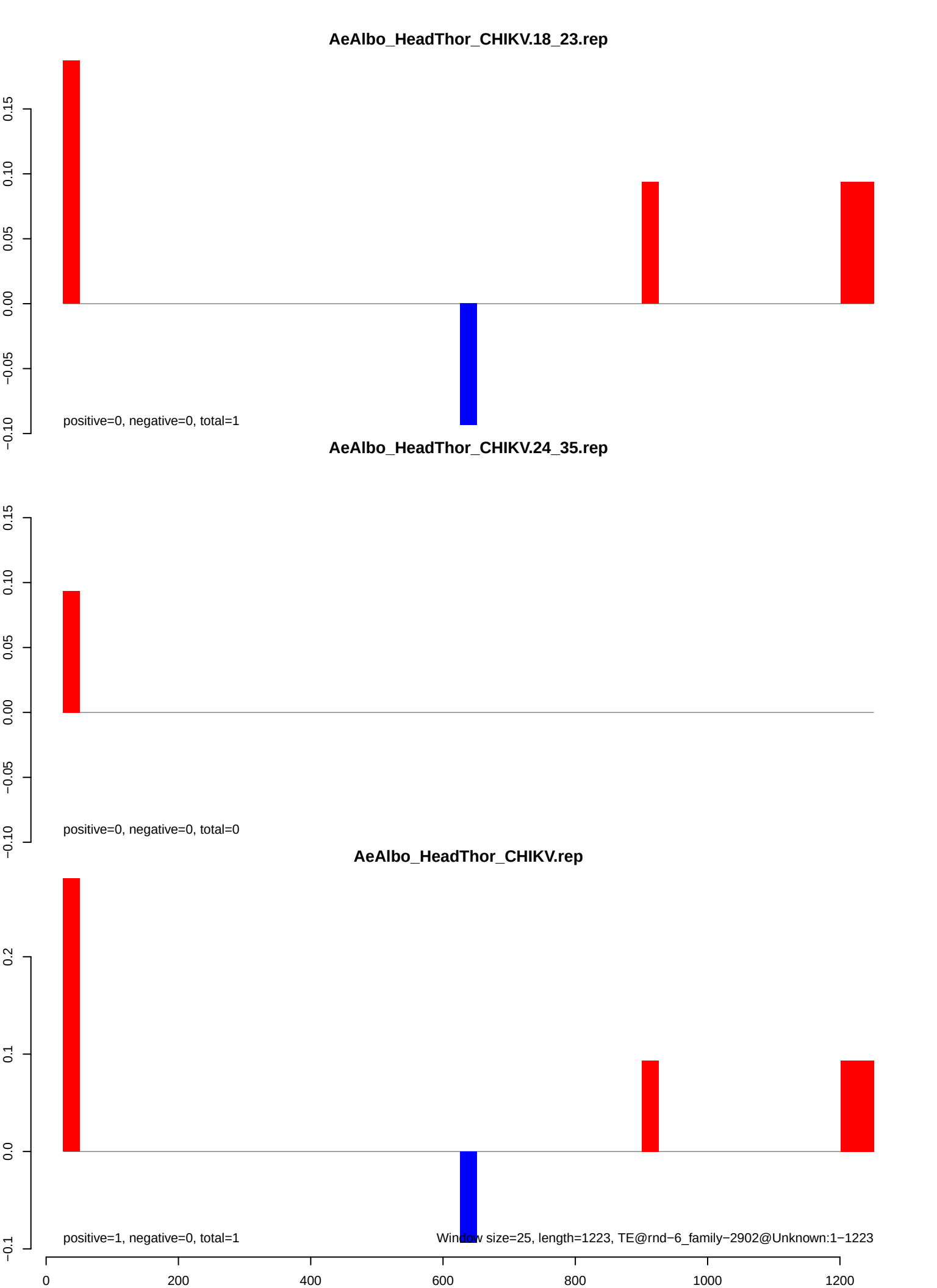

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=920, TE@rnd−6_family−3222@LTR_Gypsy:1−920
0
200
400
600
800

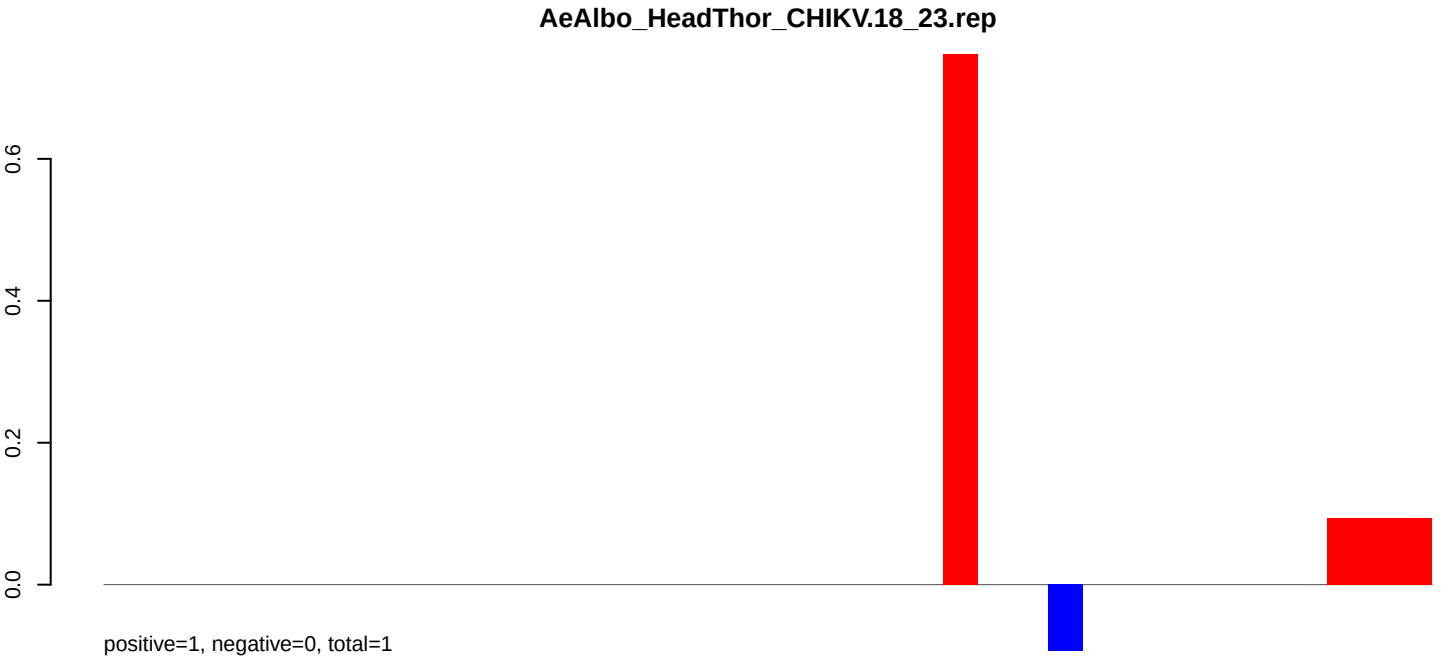
AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=3, negative=0, total=3

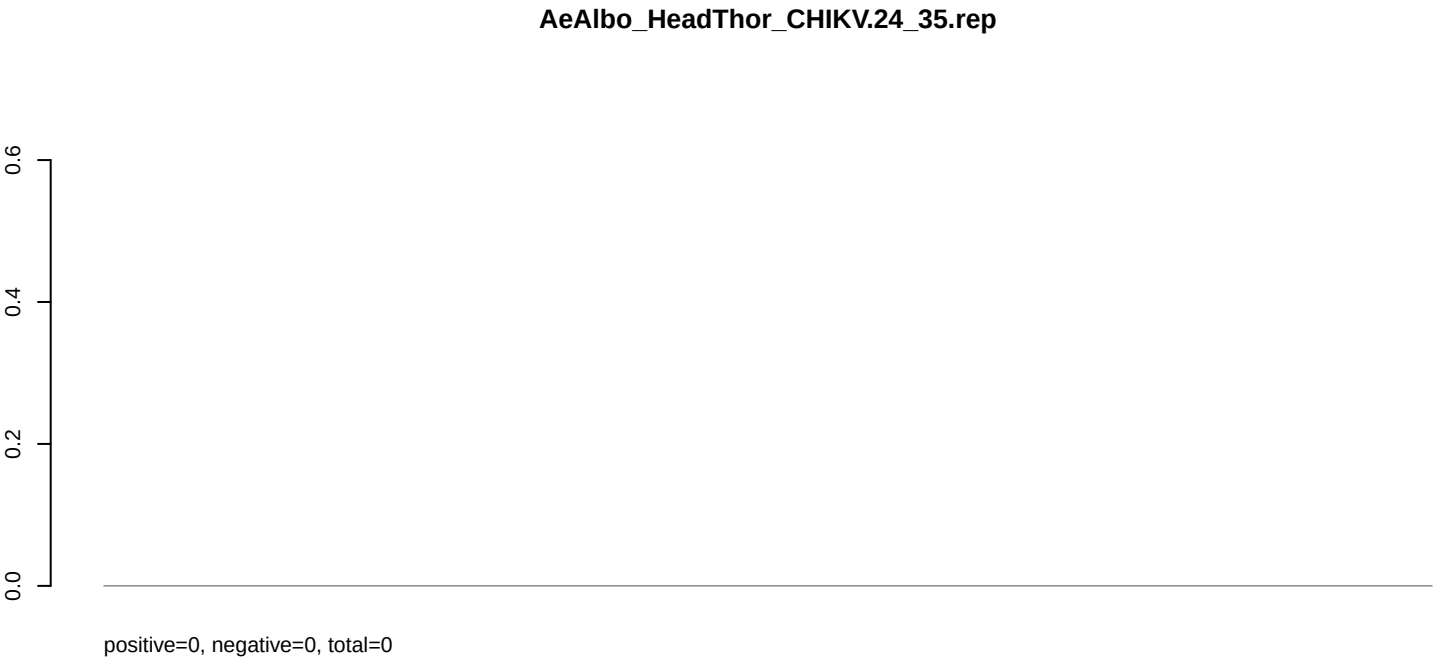

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=0, negative=0, total=0

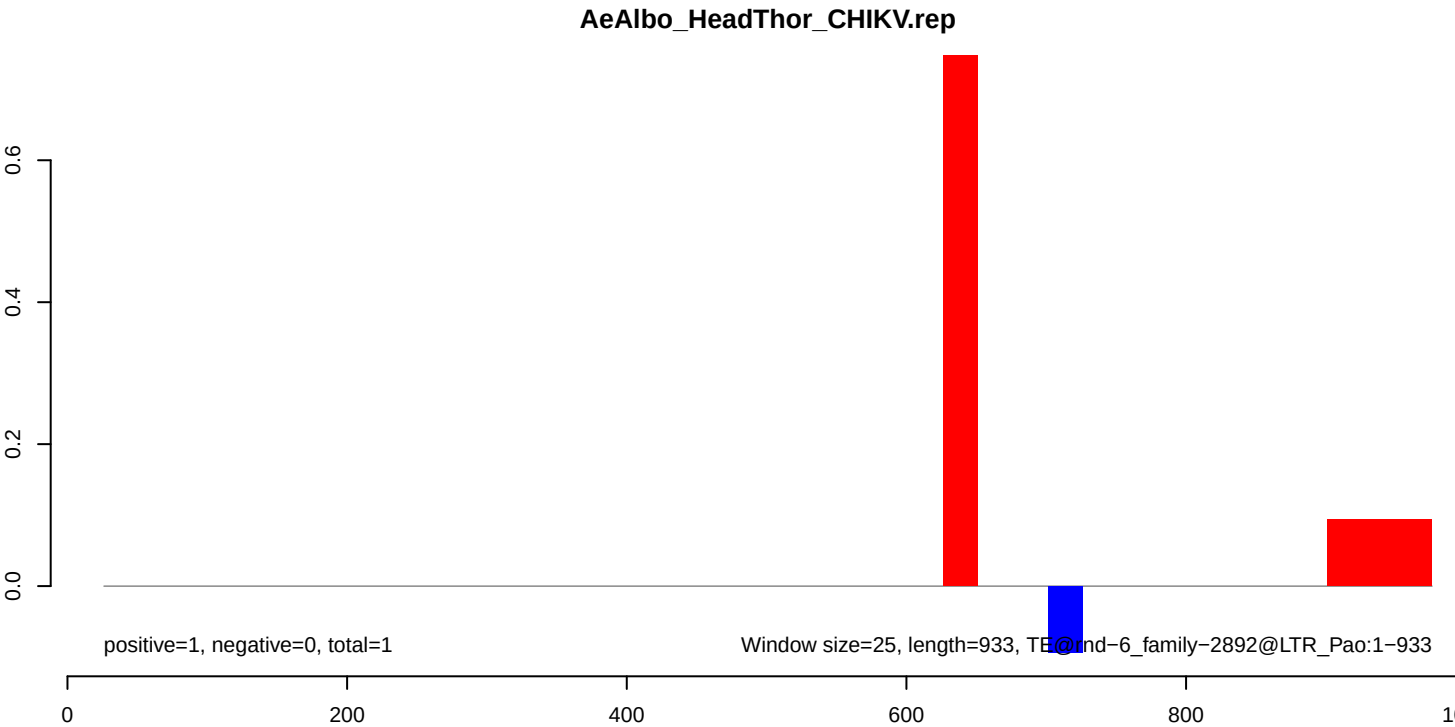

AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=3, negative=0, total=3
Window size=25, length=525, TE@rnd−6_family−3169@Unknown:1−525
100
200
300
400
500

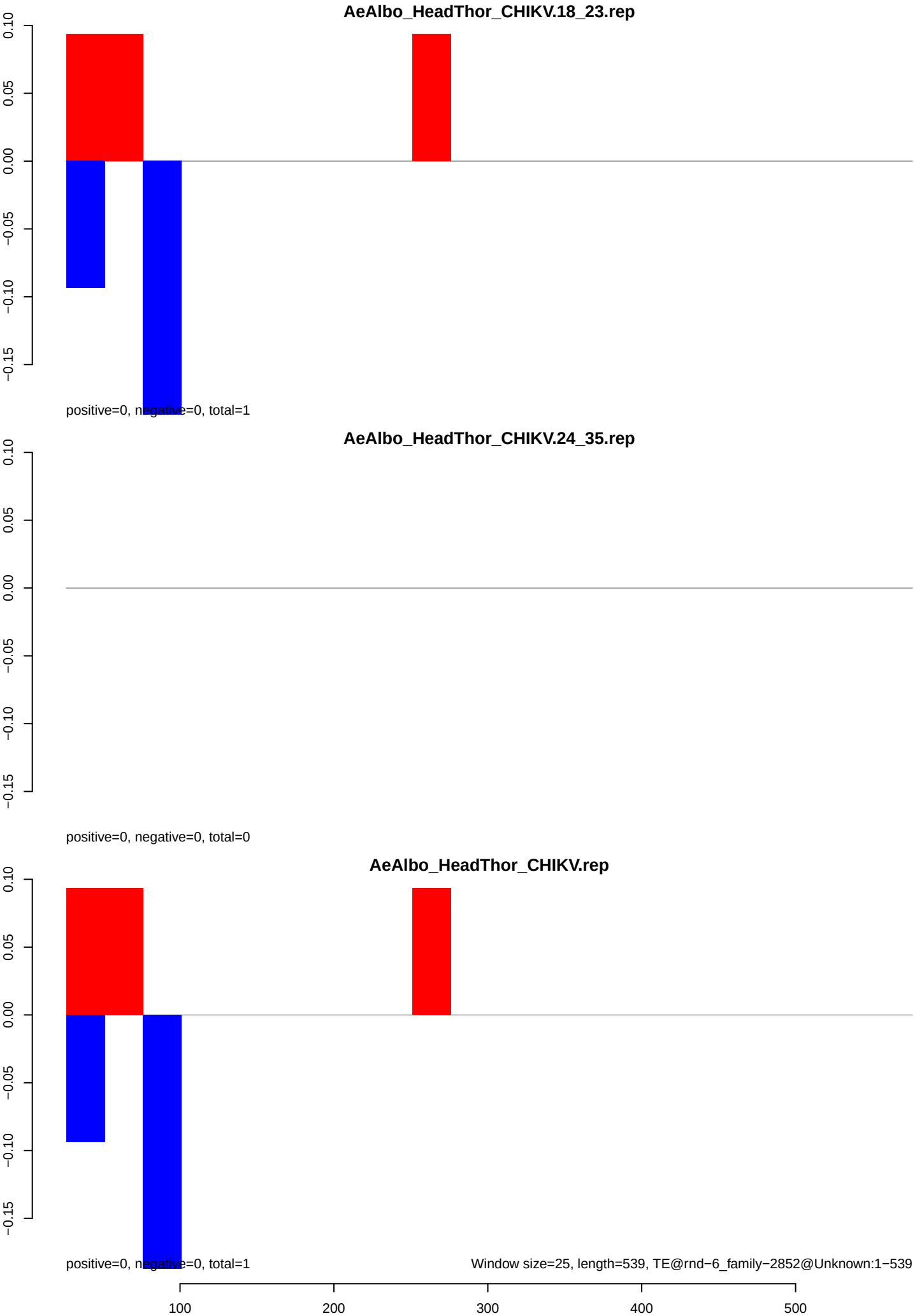

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=1165, TE@rnd−6_family−3035@LTR_Gypsy:1−1165
0
200
400
600
800
1000
1200

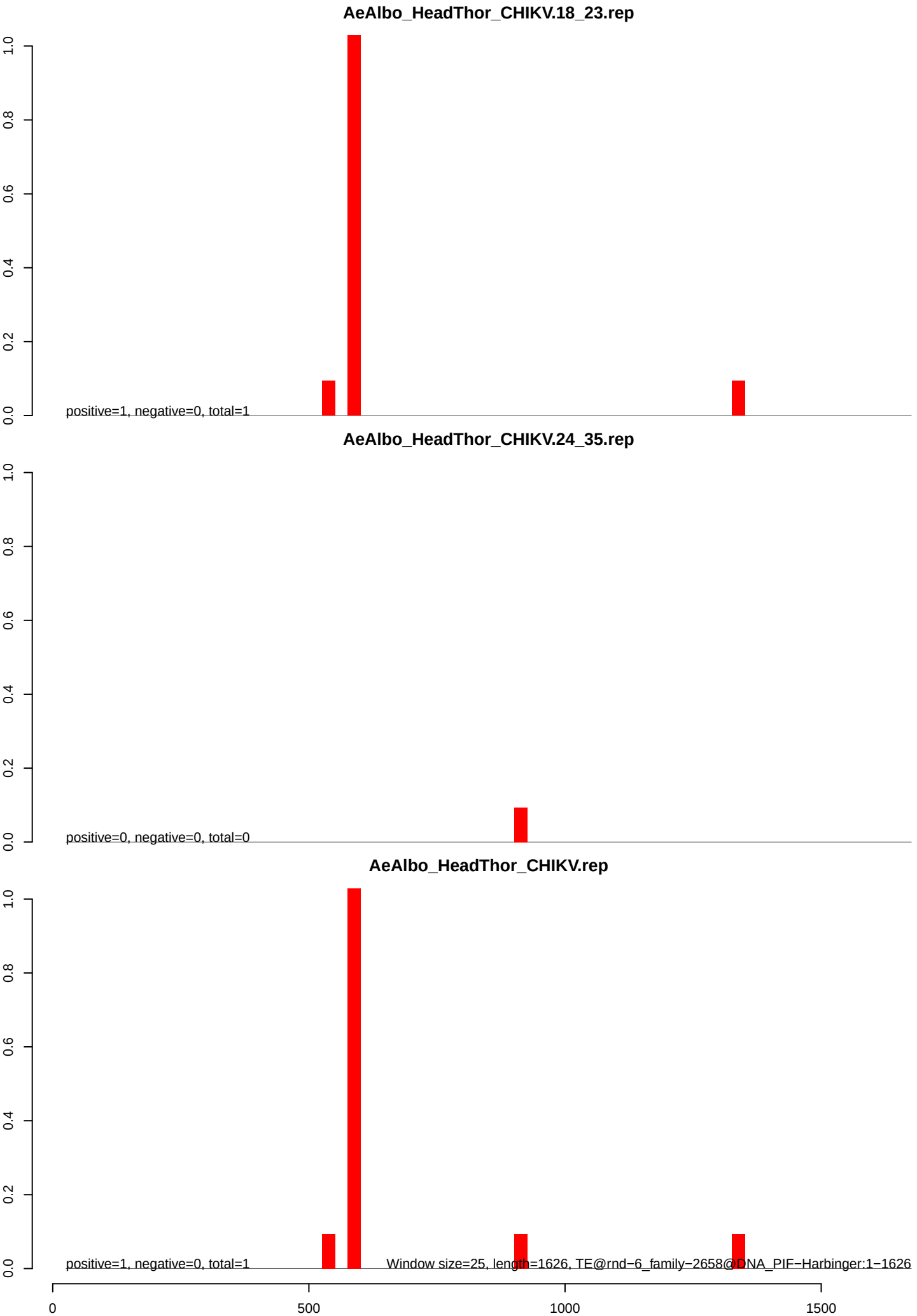

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=1223, TE@rnd−6_family−2902@Unknown:1−1223
0
200
400
600
800
1000
1200

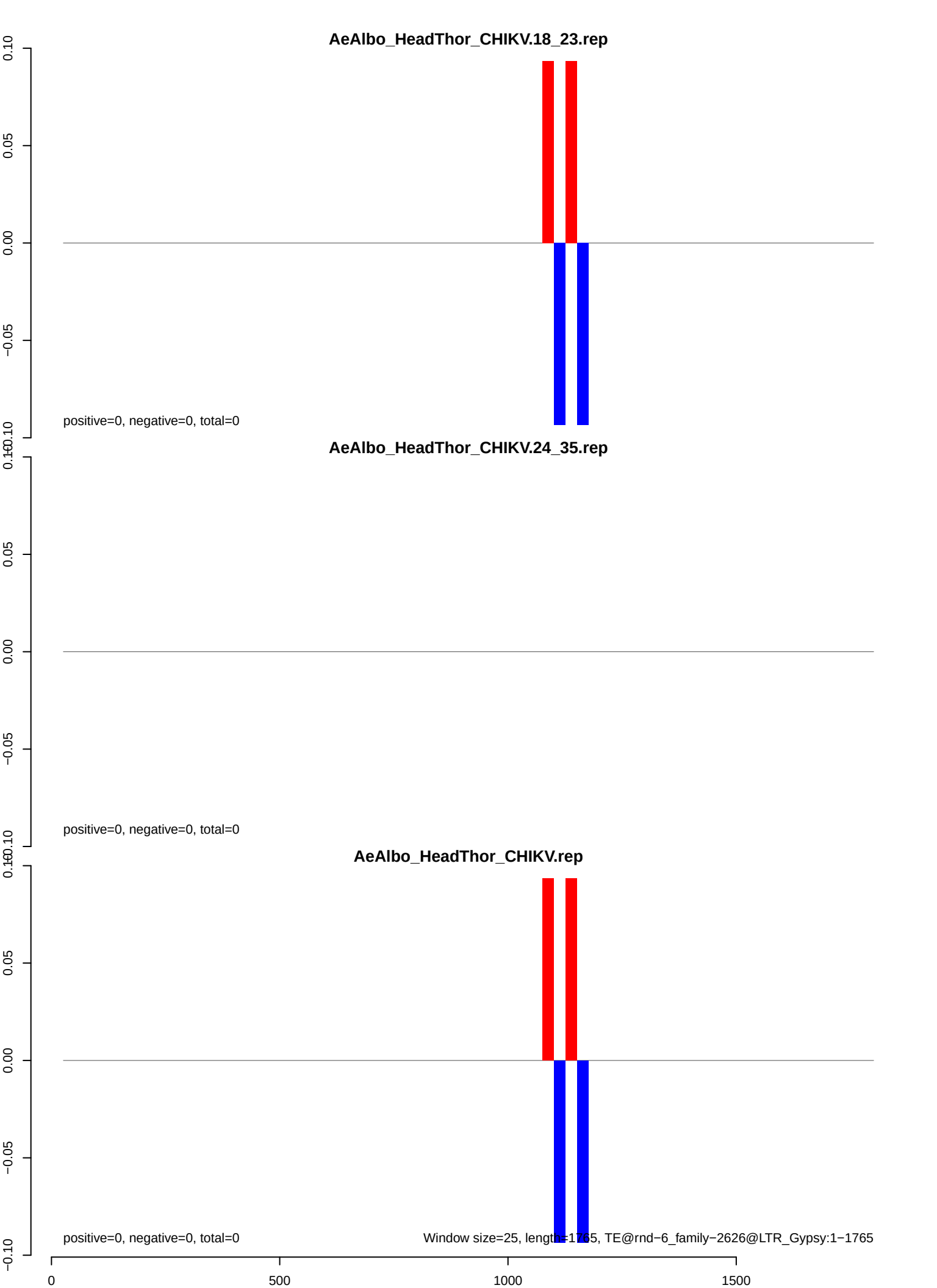

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1

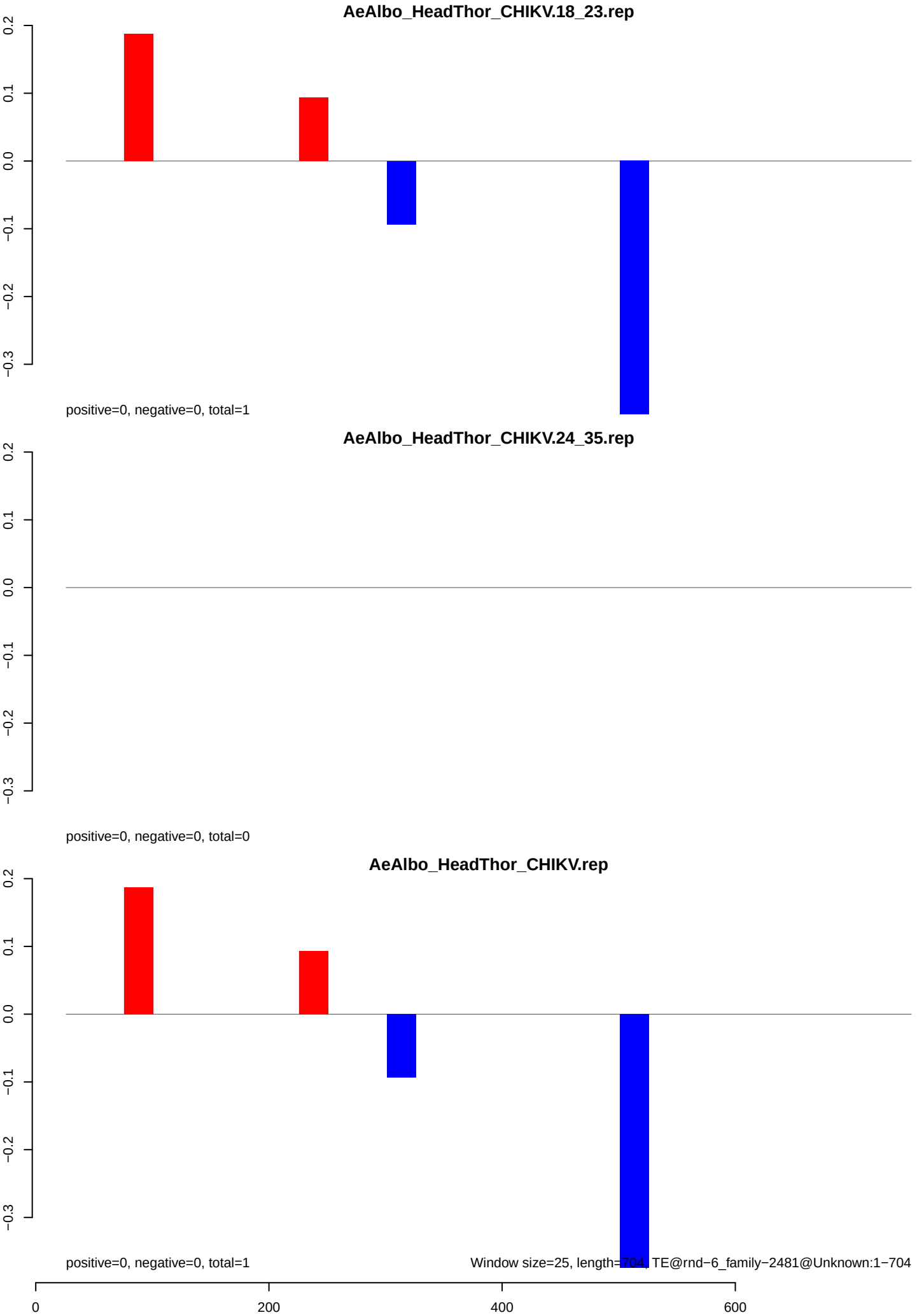

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0

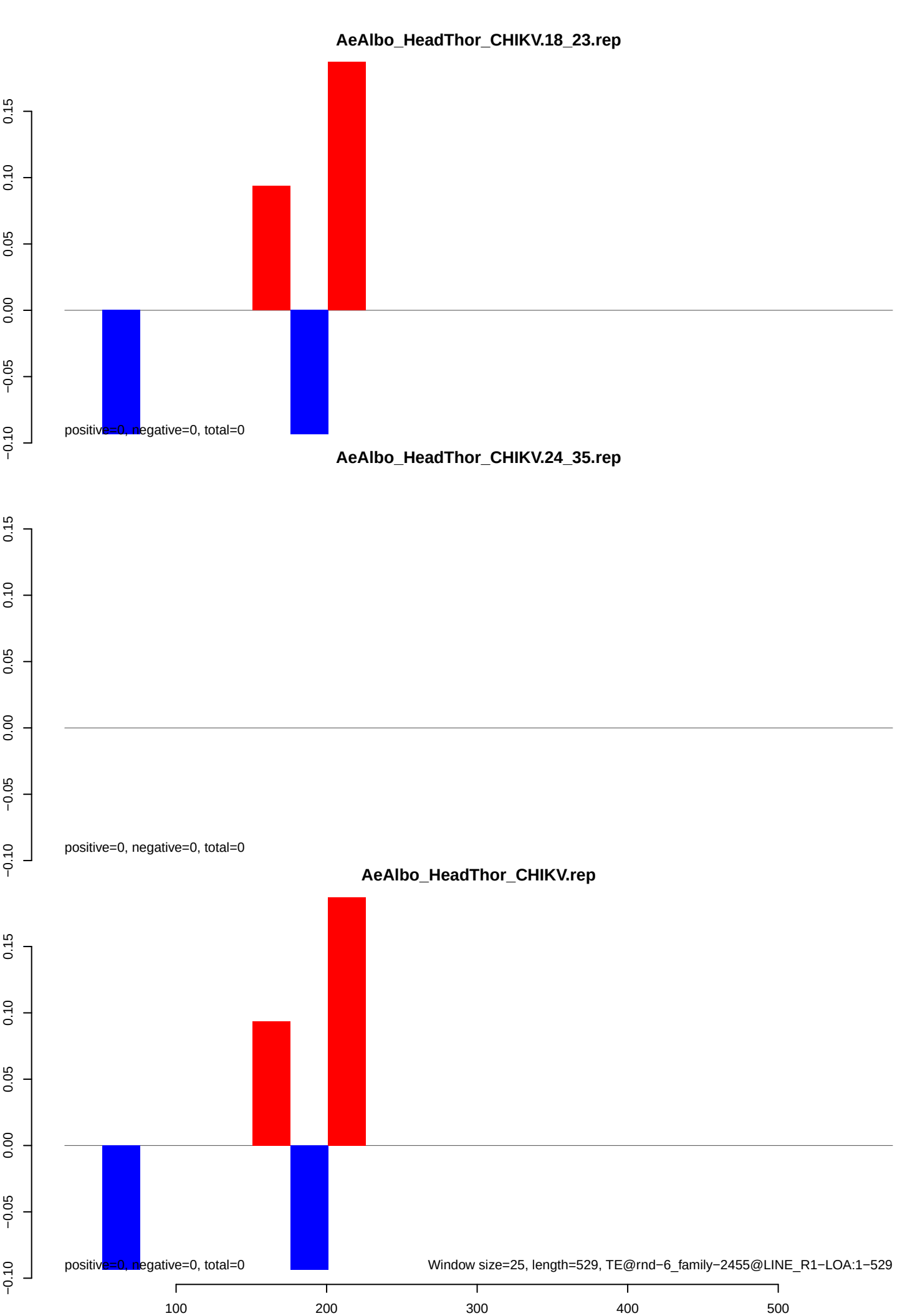

AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=933, TE@rnd−6_family−2892@LTR_Pao:1−933
0
200
400
600
800
1000

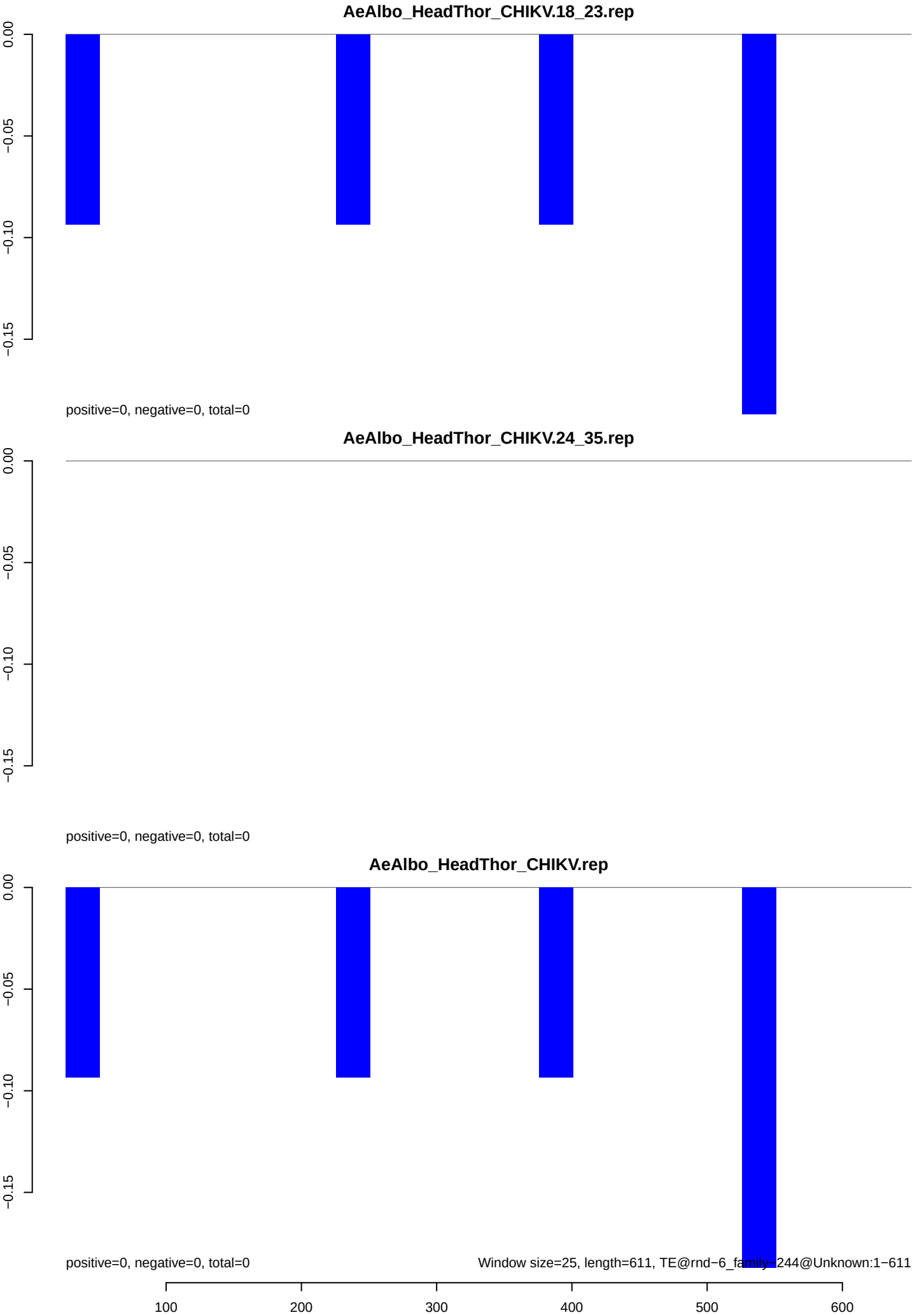

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=539, TE@rnd−6_family−2852@Unknown:1−539
100
200
300
400
500

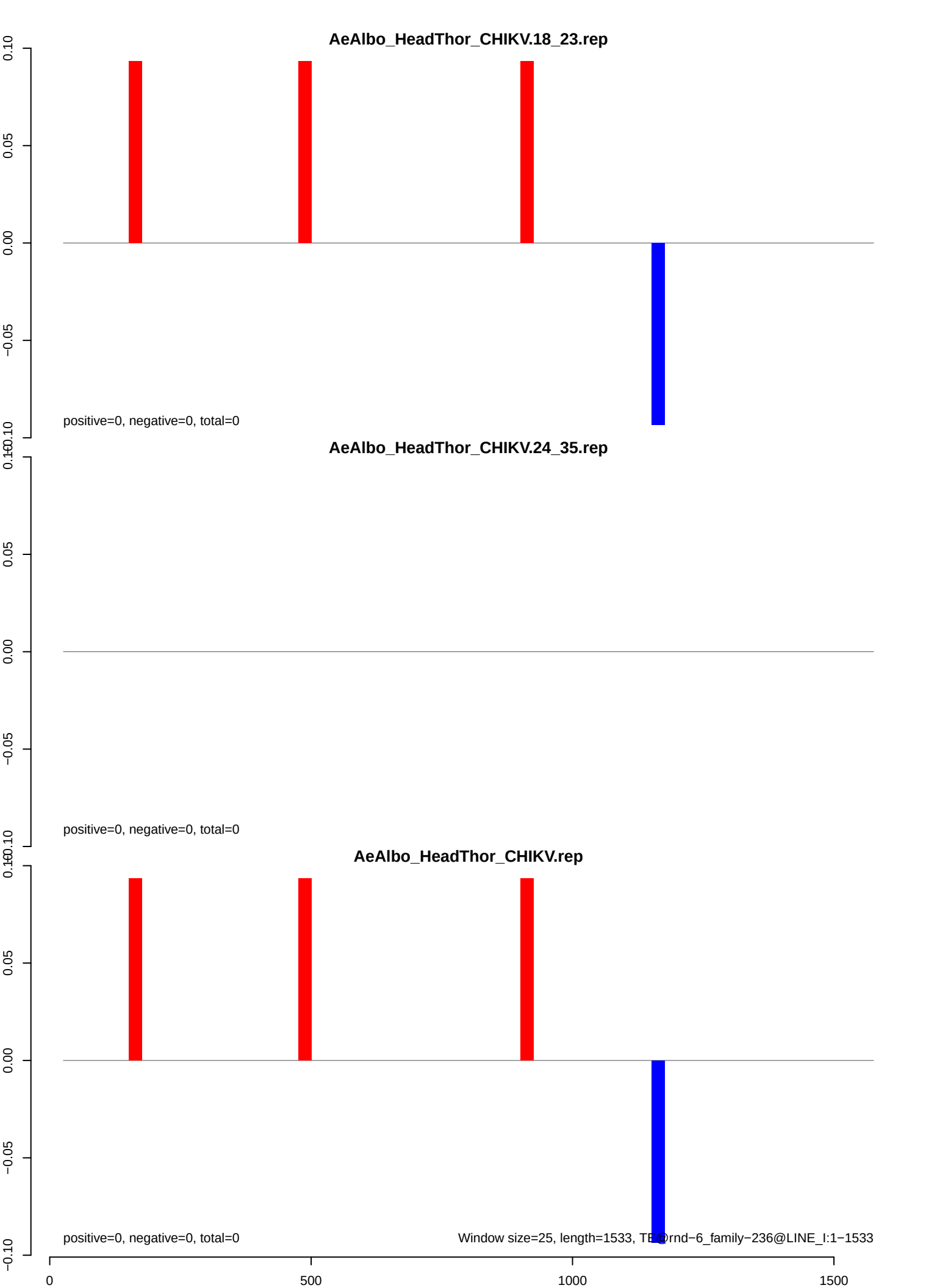

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.8
0.6
0.4
0.2
0.0
positive=1, negative=0, total=1
Window size=25, length=1626, TE@rnd−6_family−2658@DNA_PIF−Harbinger:1−1626
0
500
1000
1500

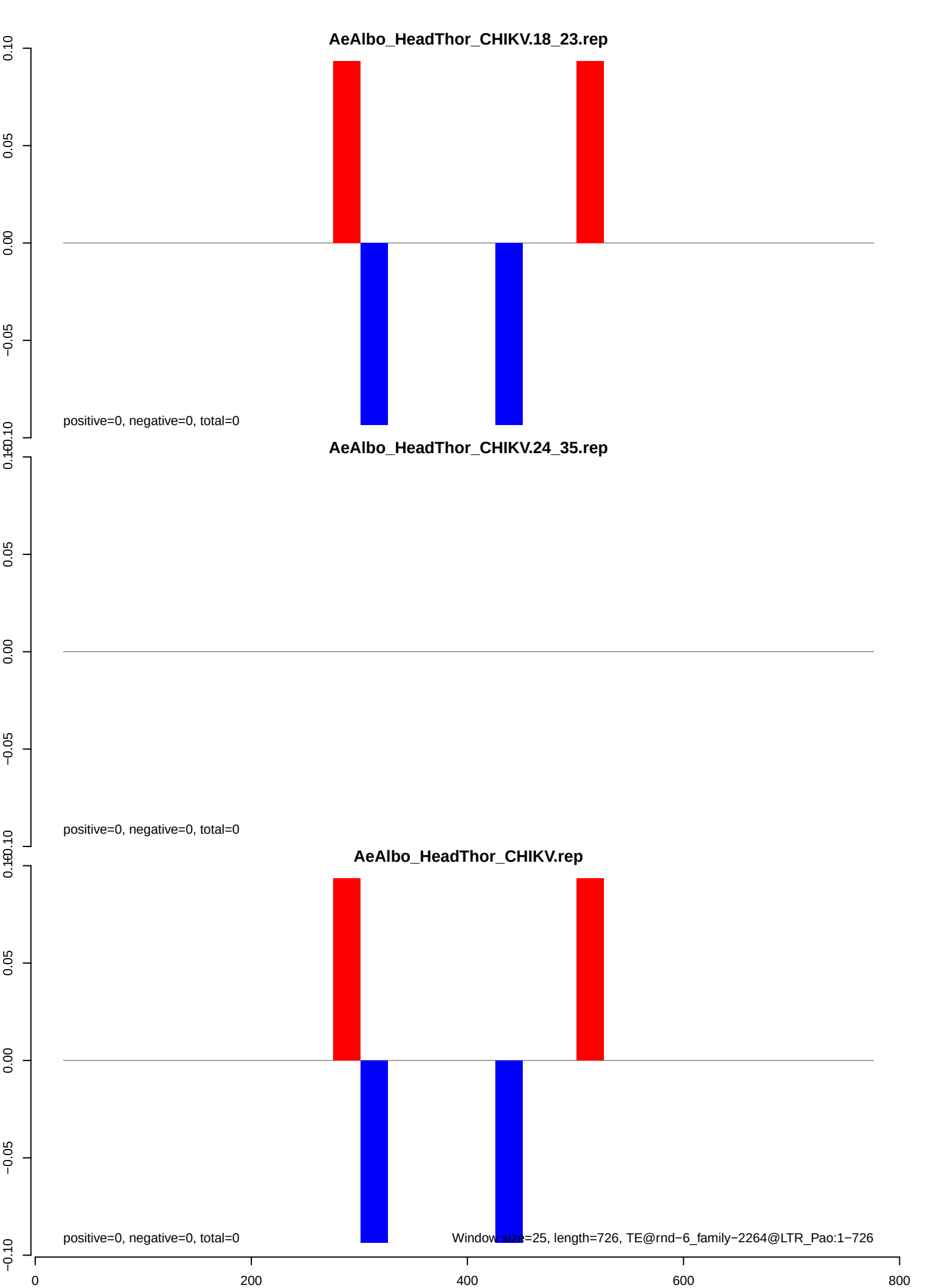

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1765, TE@rnd−6_family−2626@LTR_Gypsy:1−1765
0
500
1000
1500

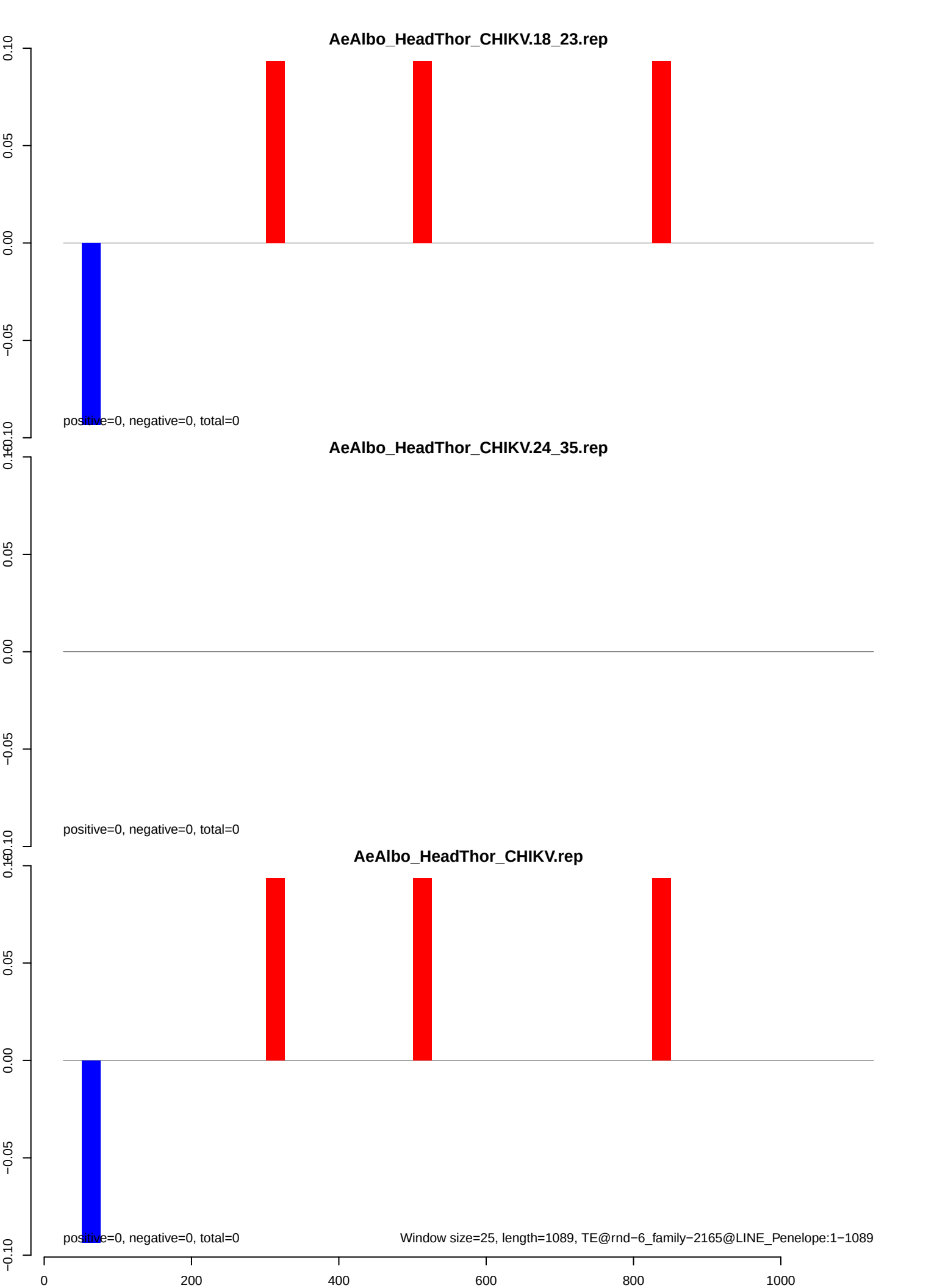

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
Window size=25, length=704, TE@rnd−6_family−2481@Unknown:1−704
0
200
400
600

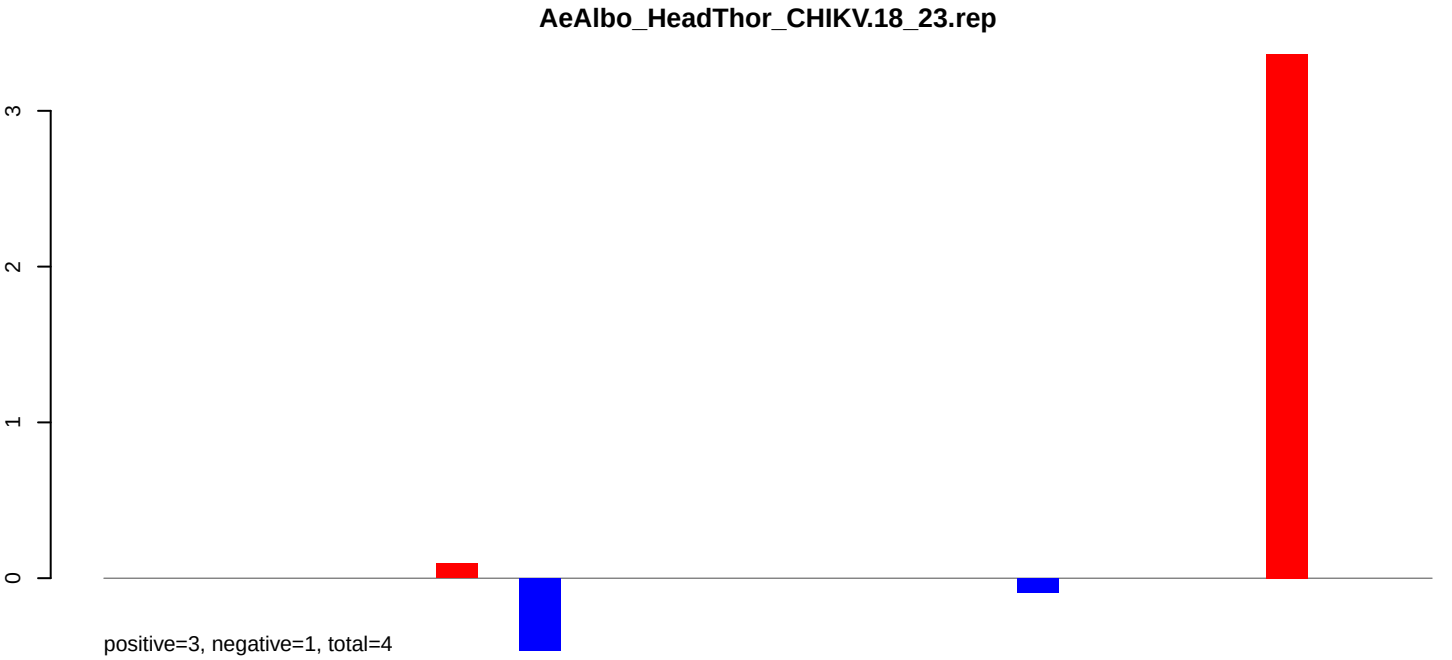

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=529, TE@rnd−6_family−2455@LINE_R1−LOA:1−529
100
200
300
400
500

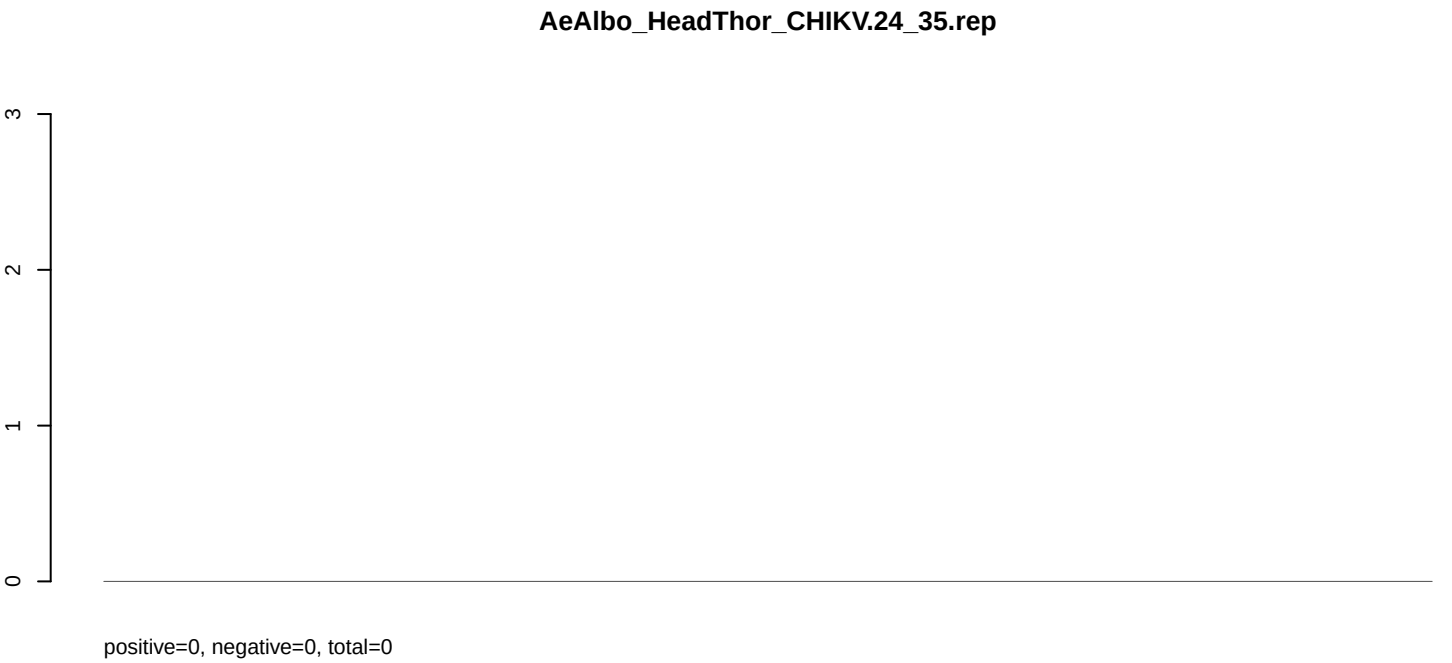

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=611, TE@rnd−6_family−244@Unknown:1−611
100
200
300
400
500
600

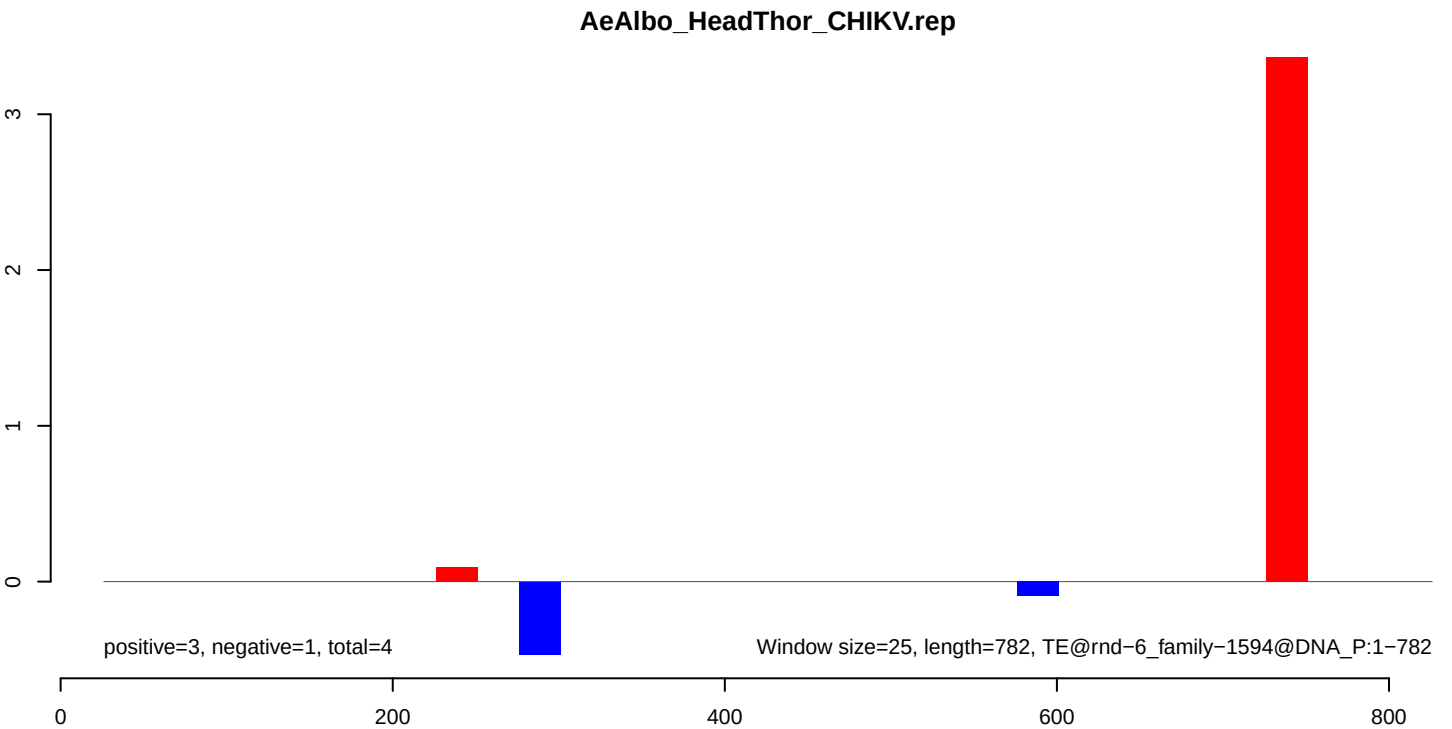

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1533, TE@rnd−6_family−236@LINE_I:1−1533
0
500
1000
1500

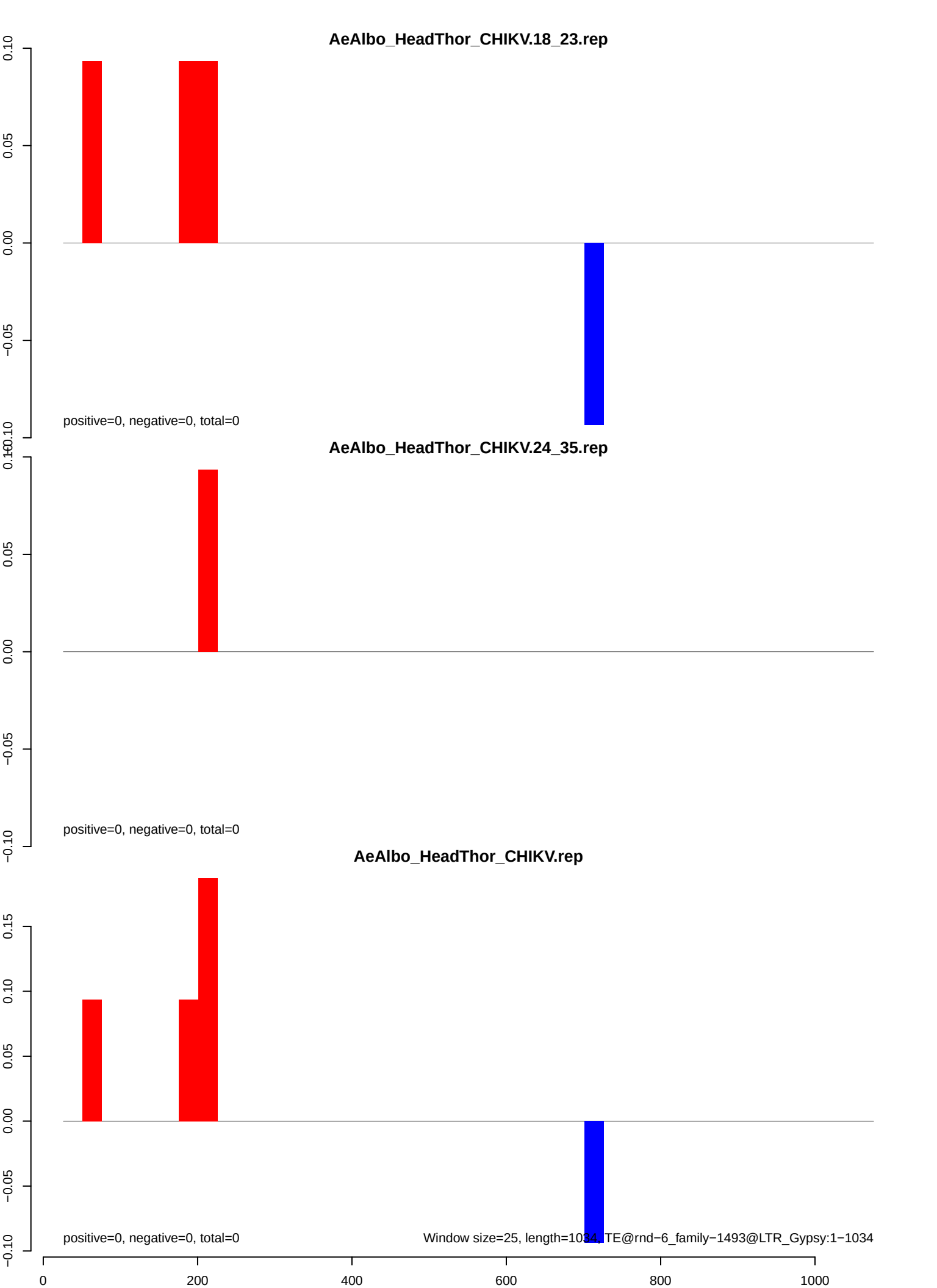

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=726, TE@rnd−6_family−2264@LTR_Pao:1−726
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800

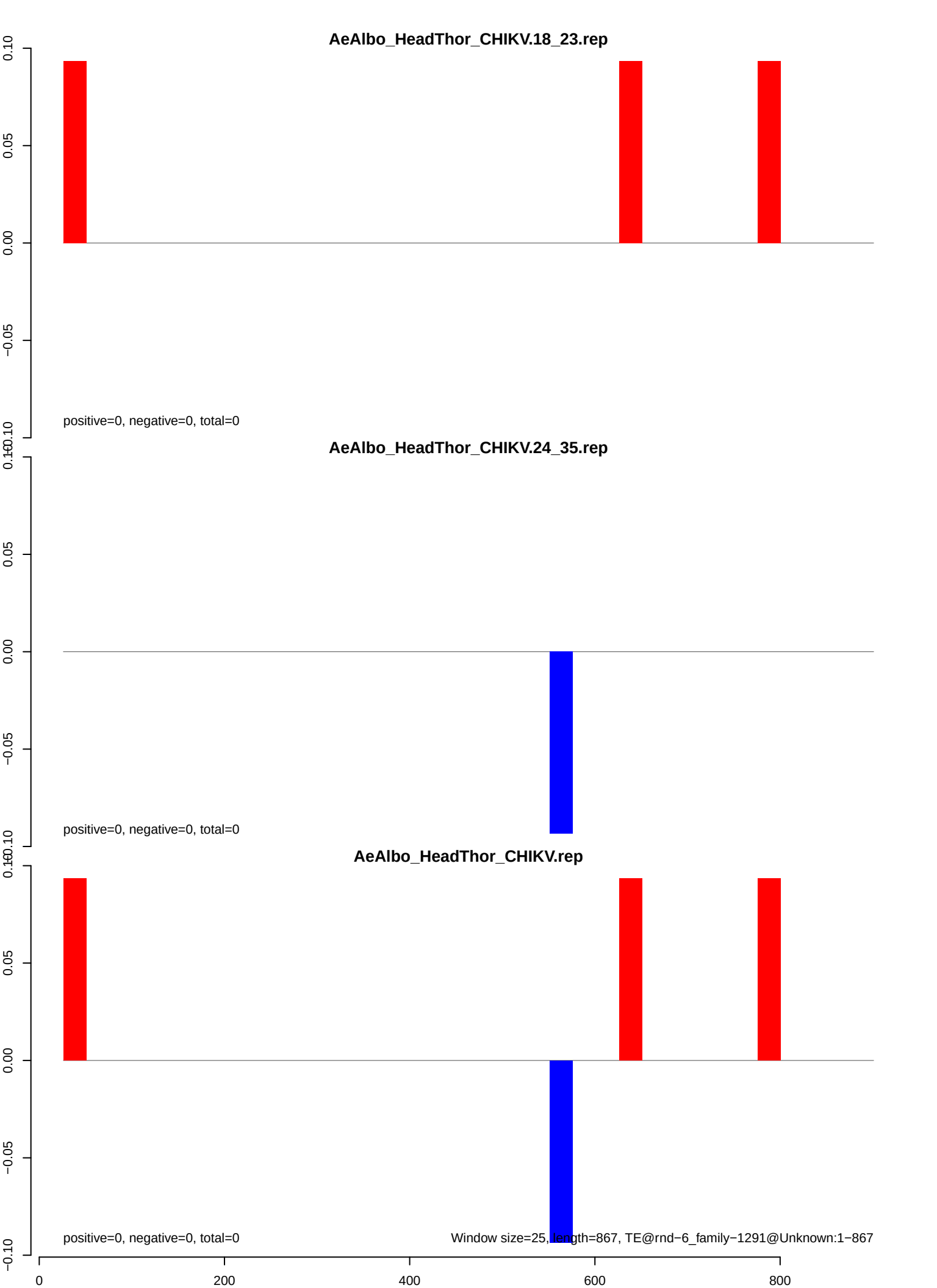

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1089, TE@rnd−6_family−2165@LINE_Penelope:1−1089
0
200
400
600
800
1000

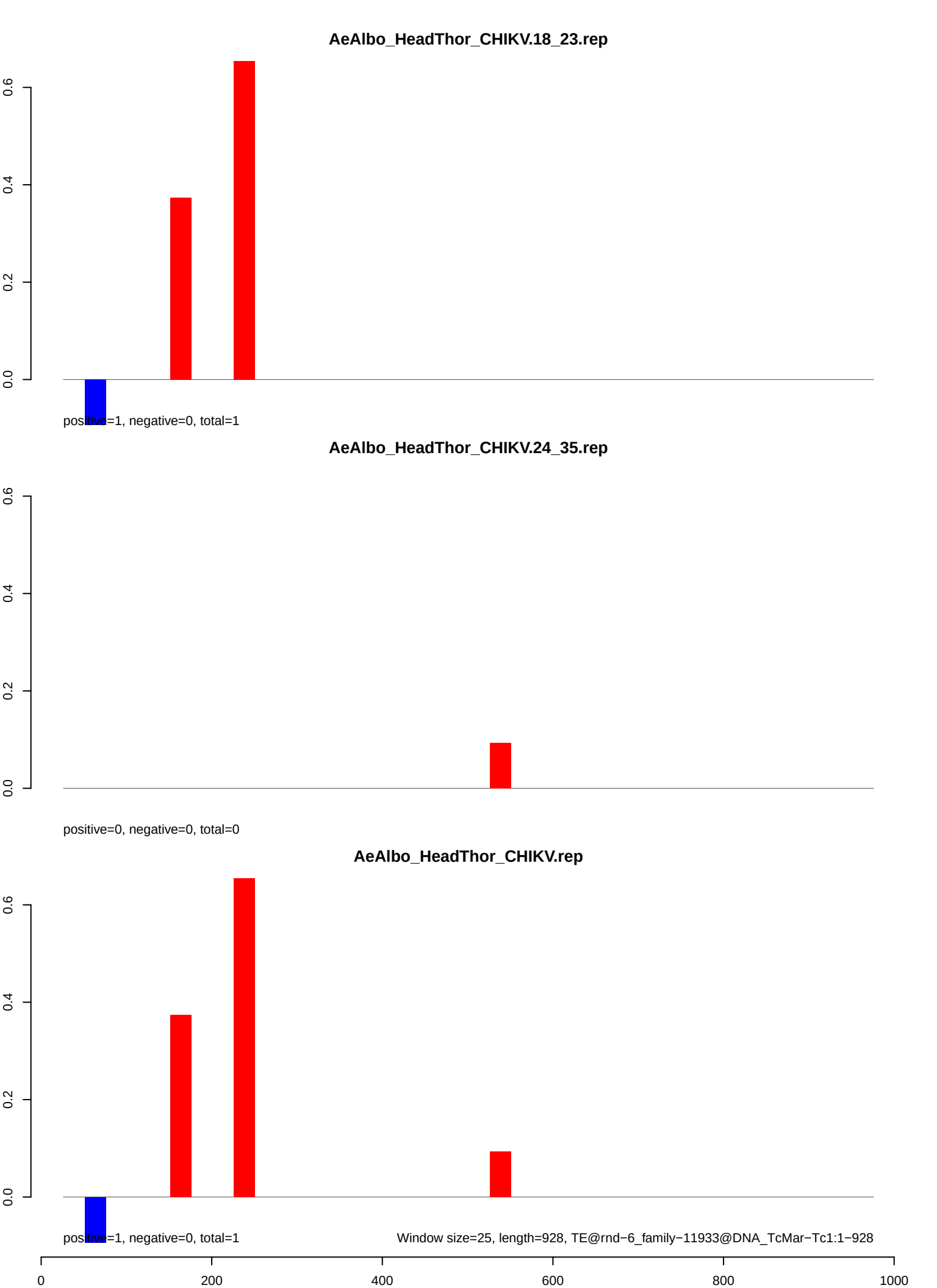

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=3, negative=1, total=4

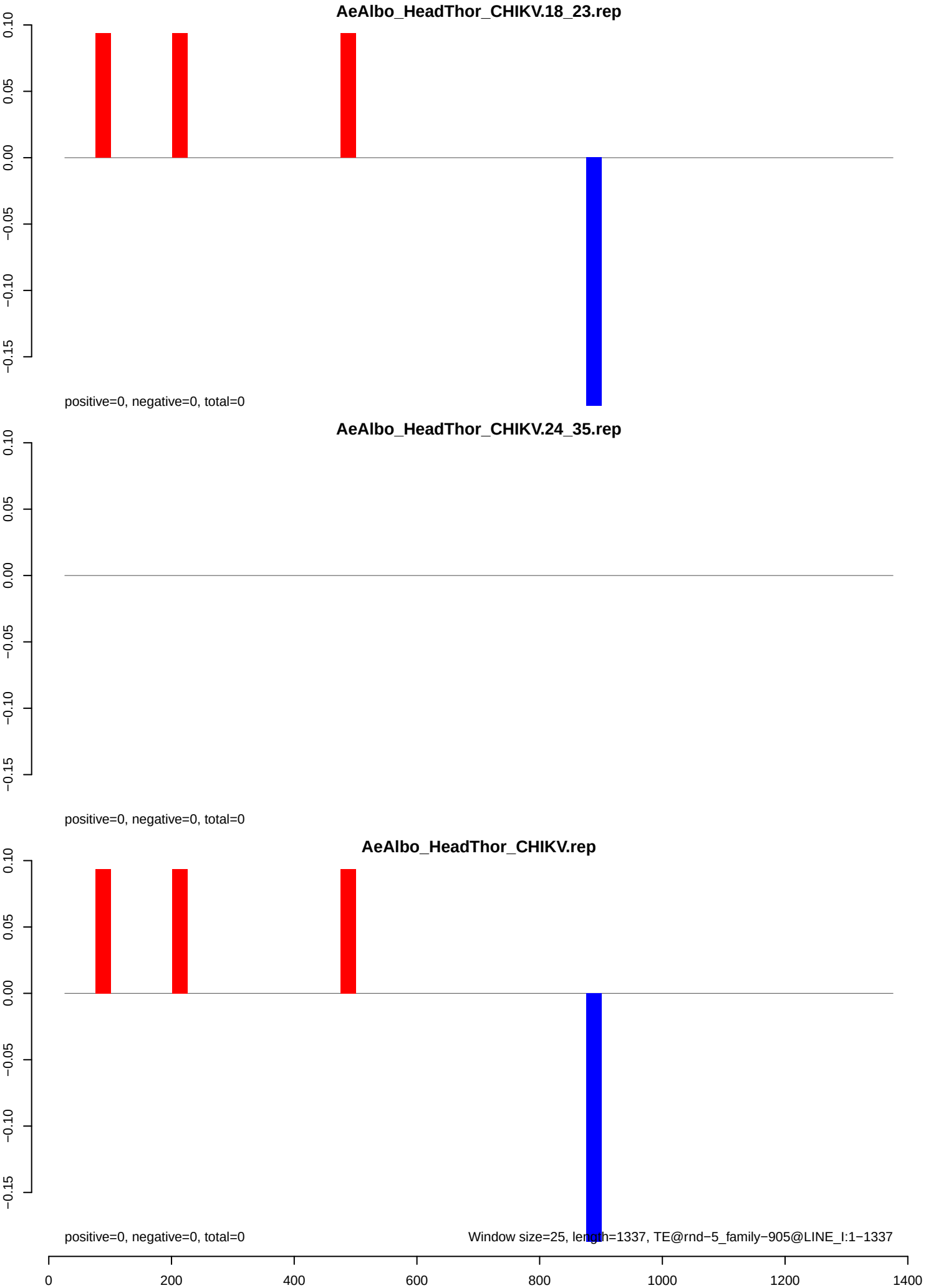

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=0, negative=0, total=0

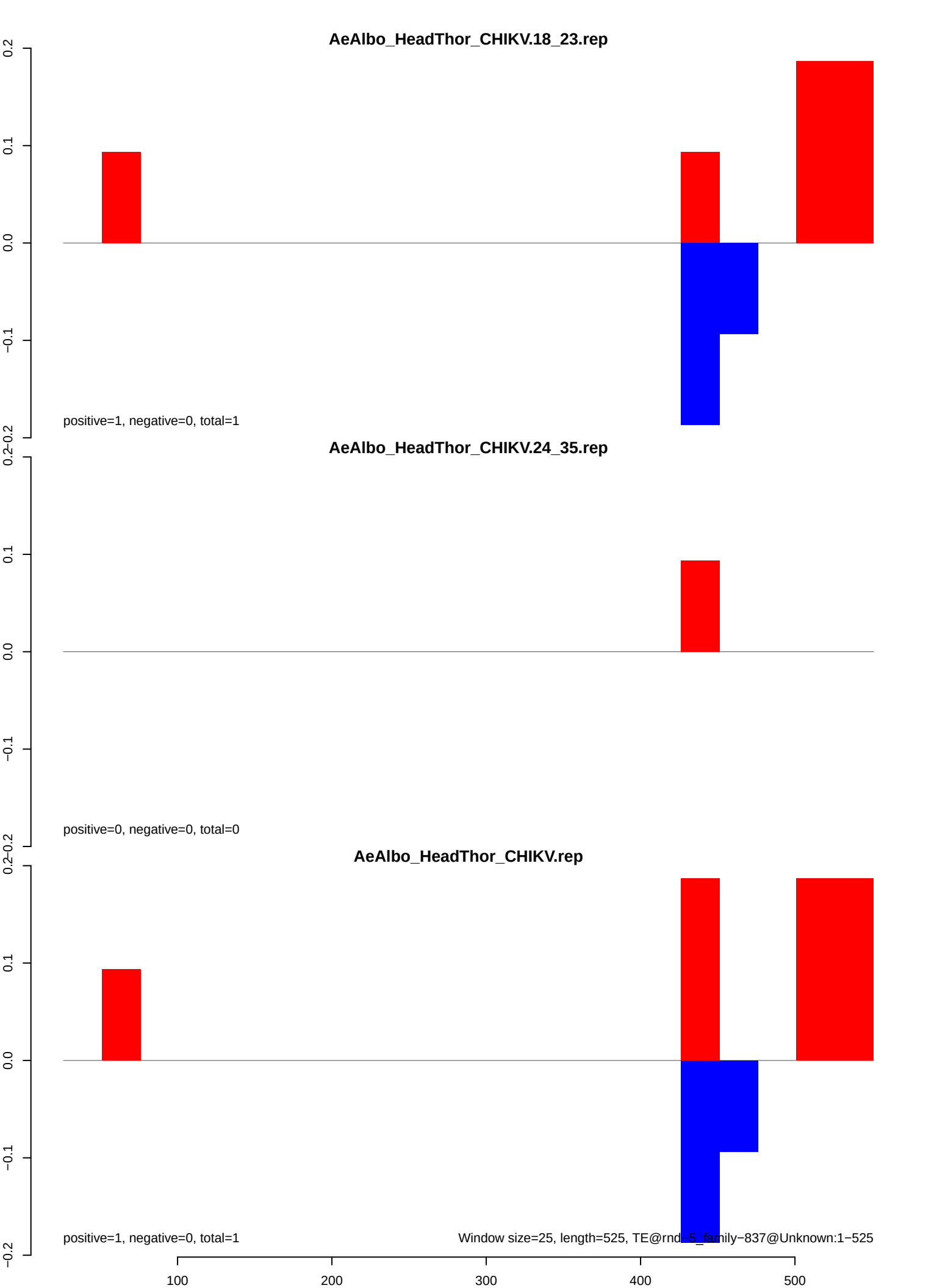

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=3, negative=1, total=4
Window size=25, length=782, TE@rnd−6_family−1594@DNA_P:1−782
0
200
400
600
800

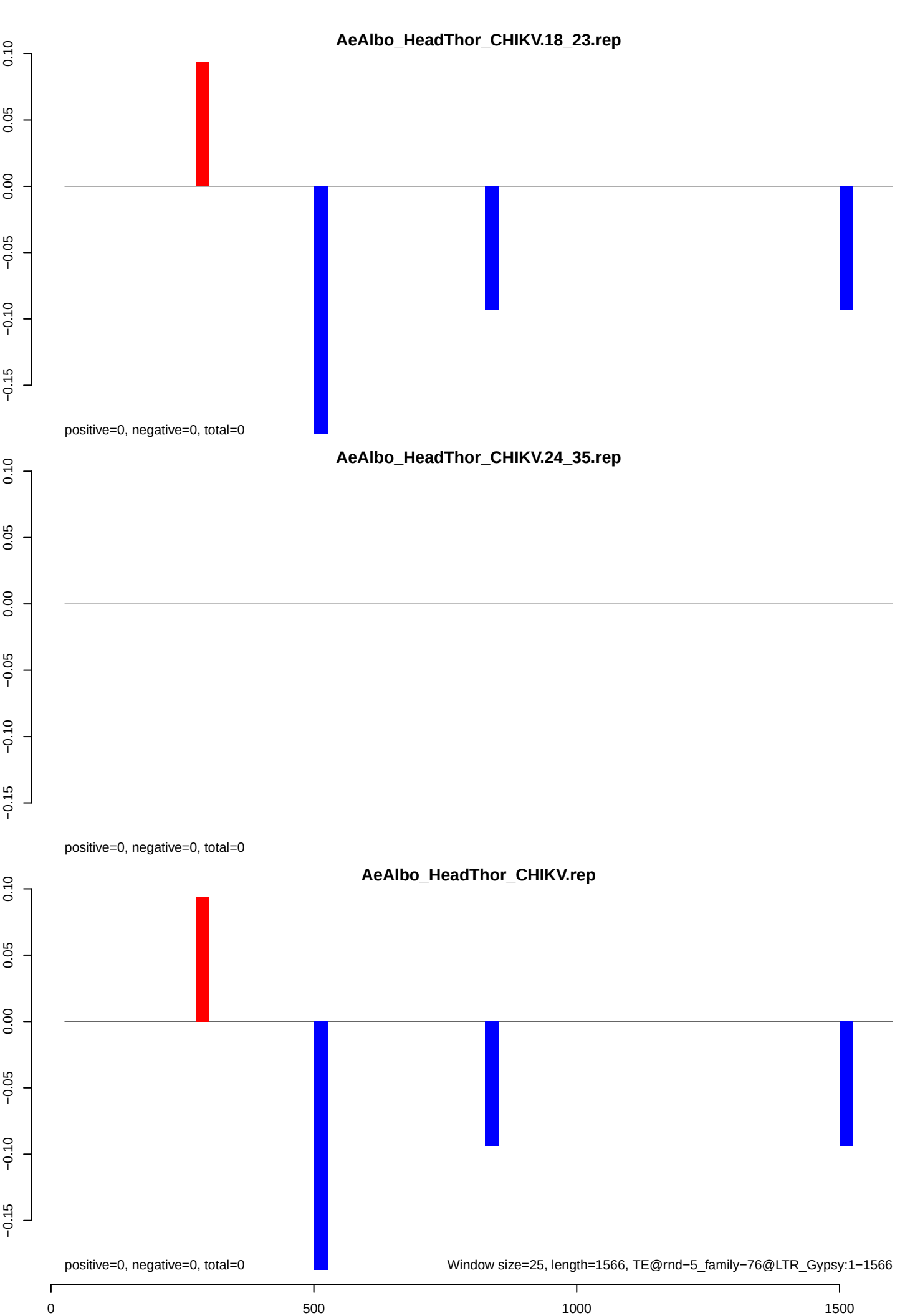

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1034, TE@rnd−6_family−1493@LTR_Gypsy:1−1034
0
200
400
600
800
1000

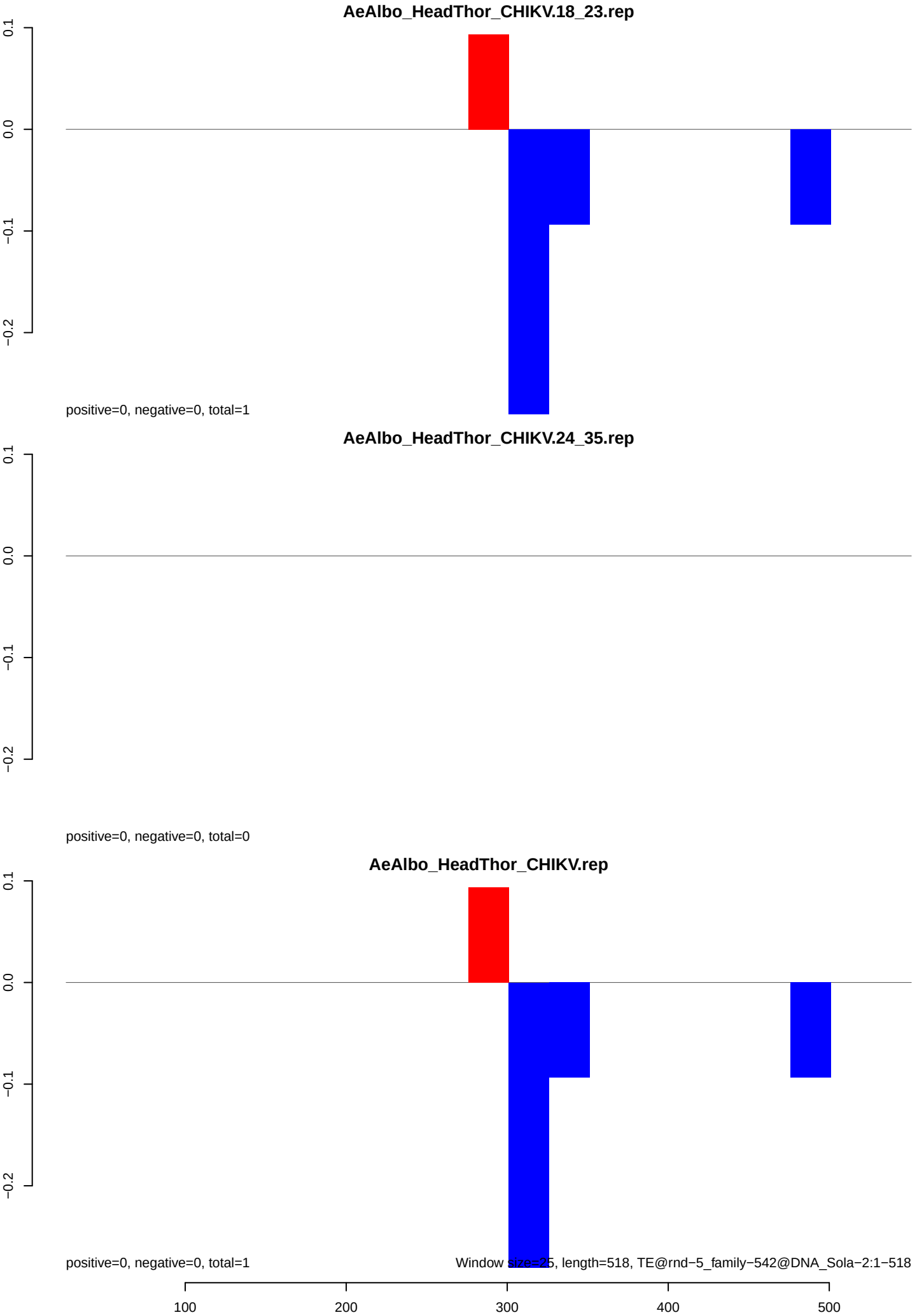

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=867, TE@rnd−6_family−1291@Unknown:1−867
0
200
400
600
800

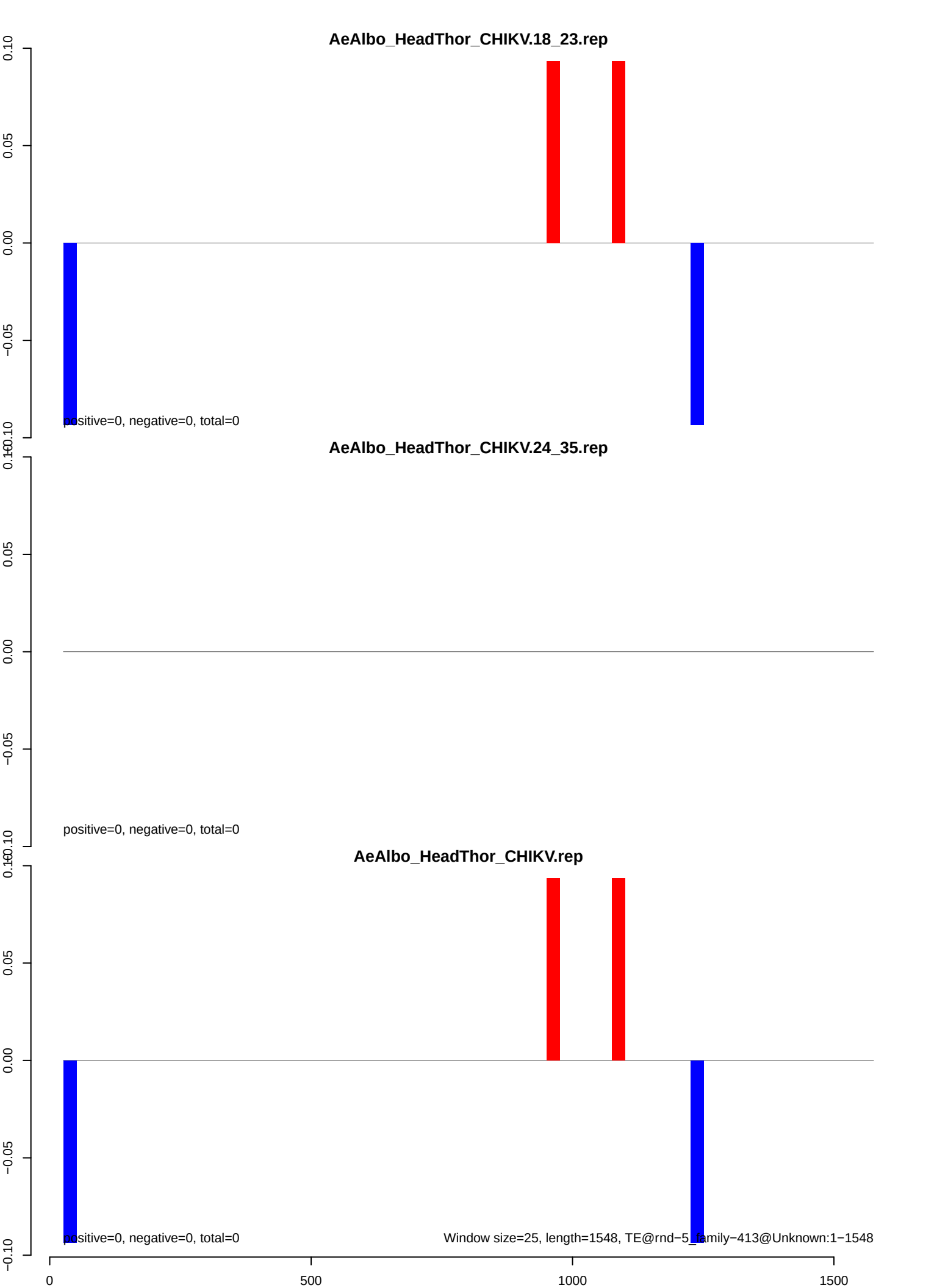

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=928, TE@rnd−6_family−11933@DNA_TcMar−Tc1:1−928
0
200
400
600
800
1000

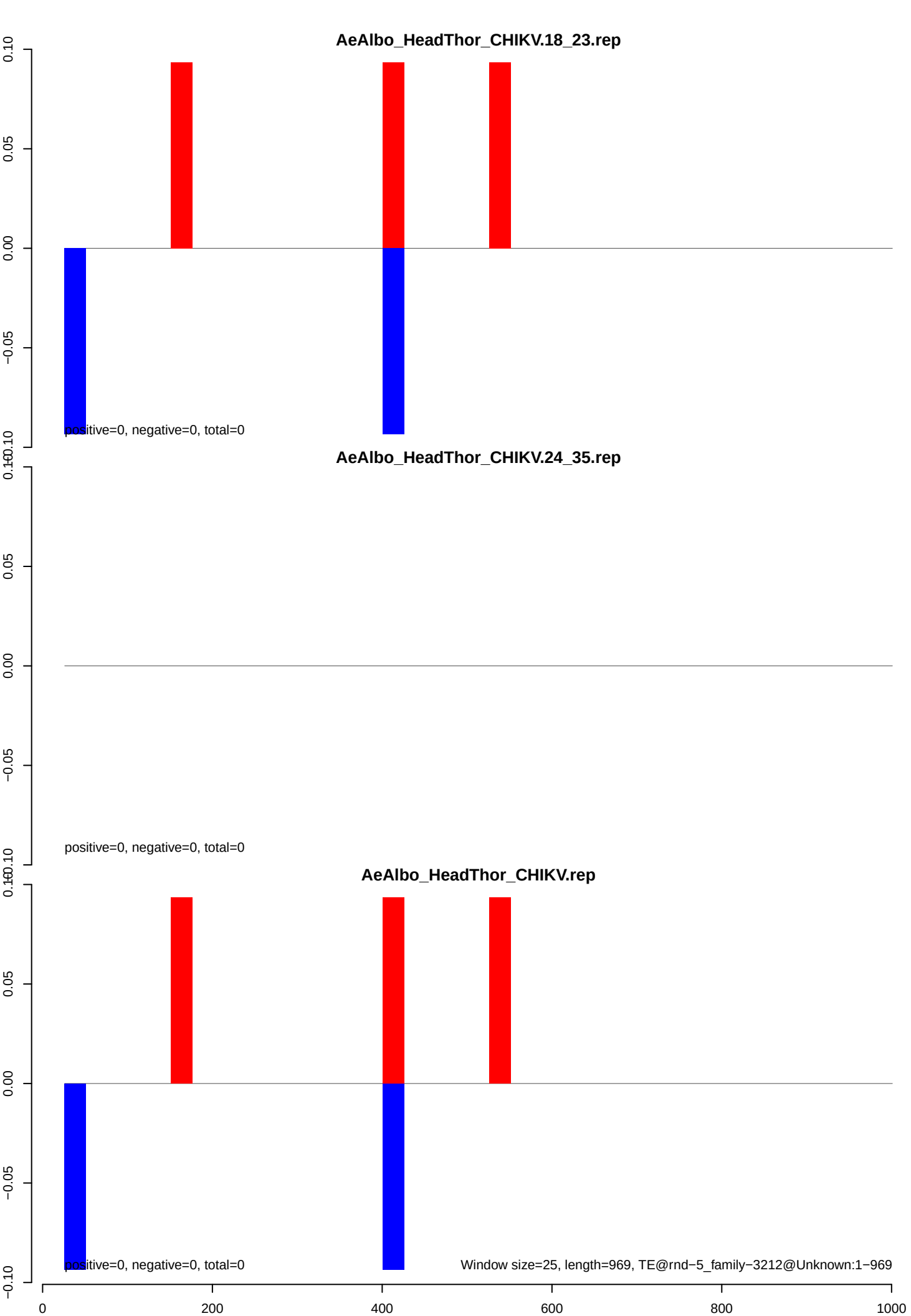

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1337, TE@rnd−5_family−905@LINE_I:1−1337
0
200
400
600
800
1000
1200
1400

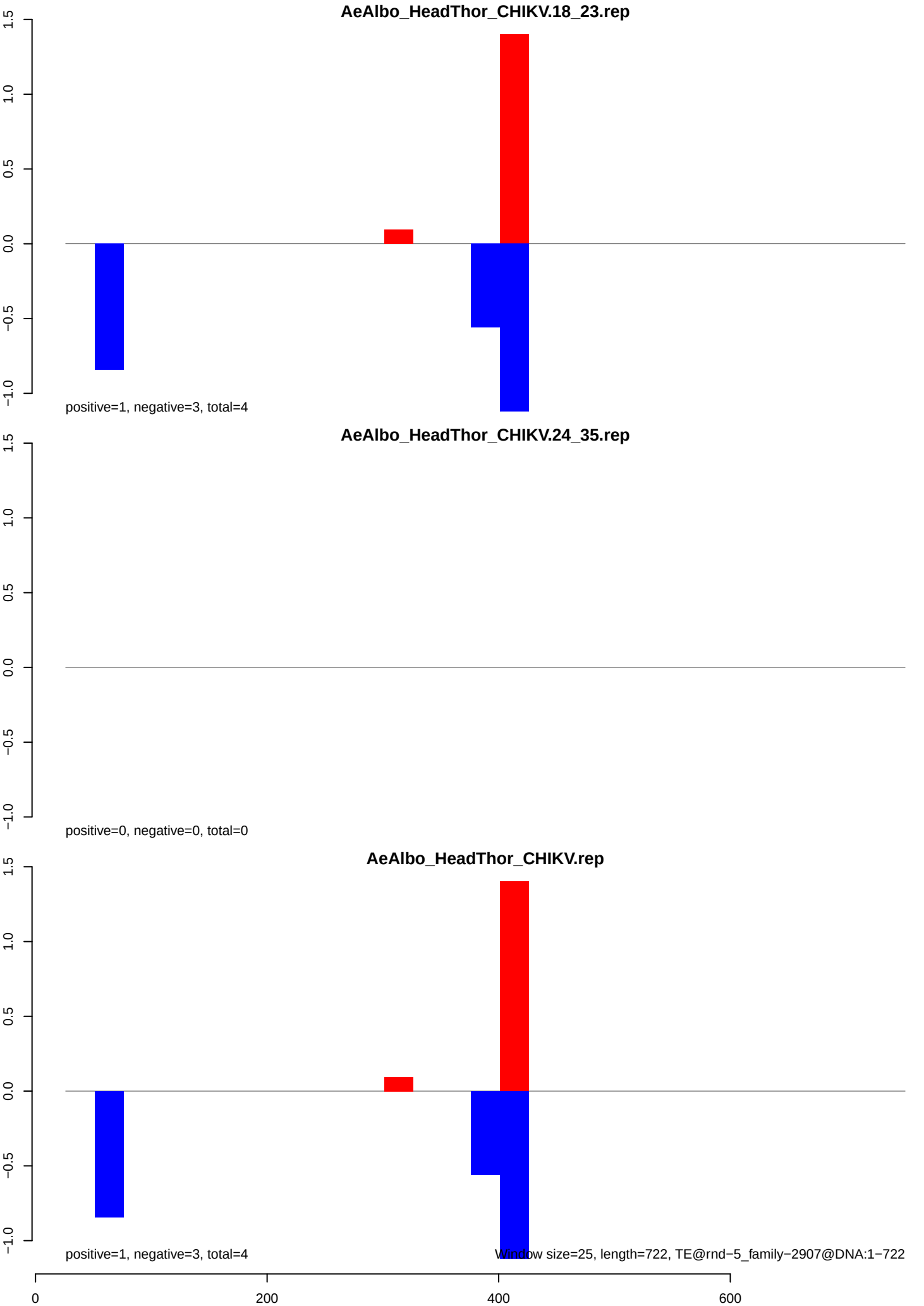

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=525, TE@rnd−5_family−837@Unknown:1−525
100
200
300
400
500

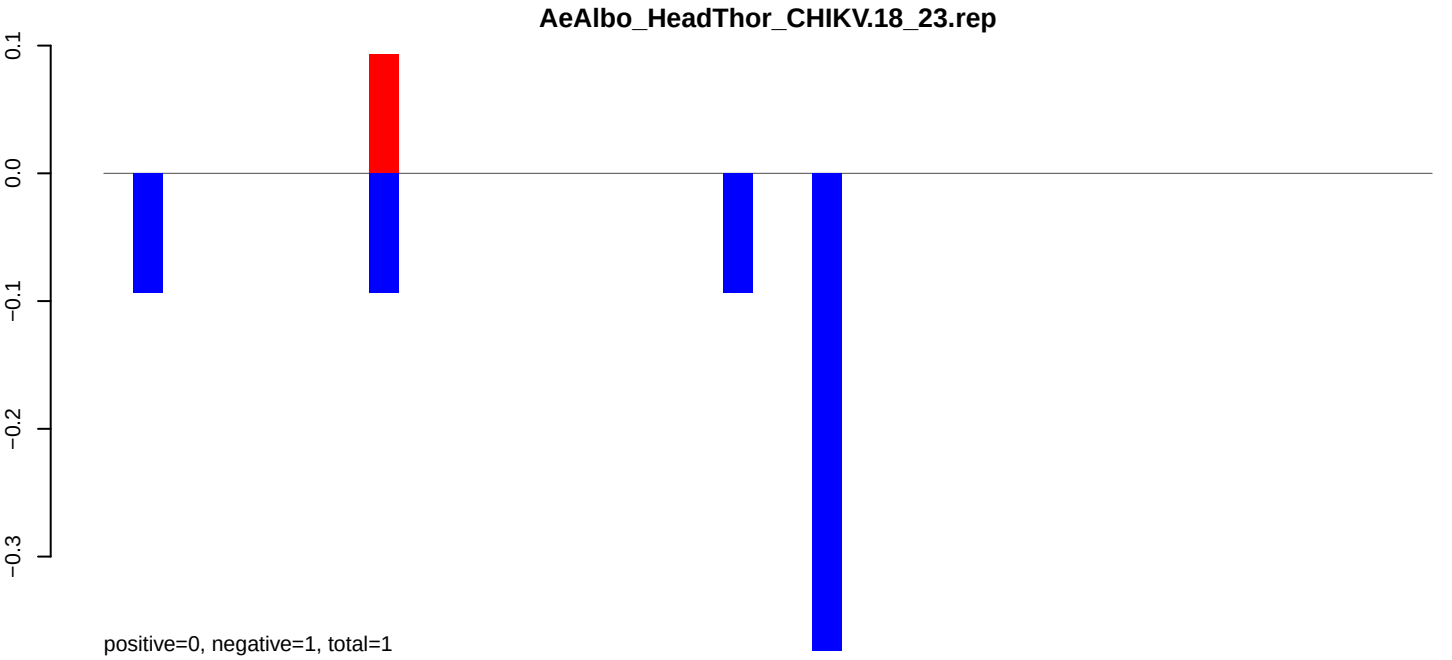

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1566, TE@rnd−5_family−76@LTR_Gypsy:1−1566
0
500
1000
1500

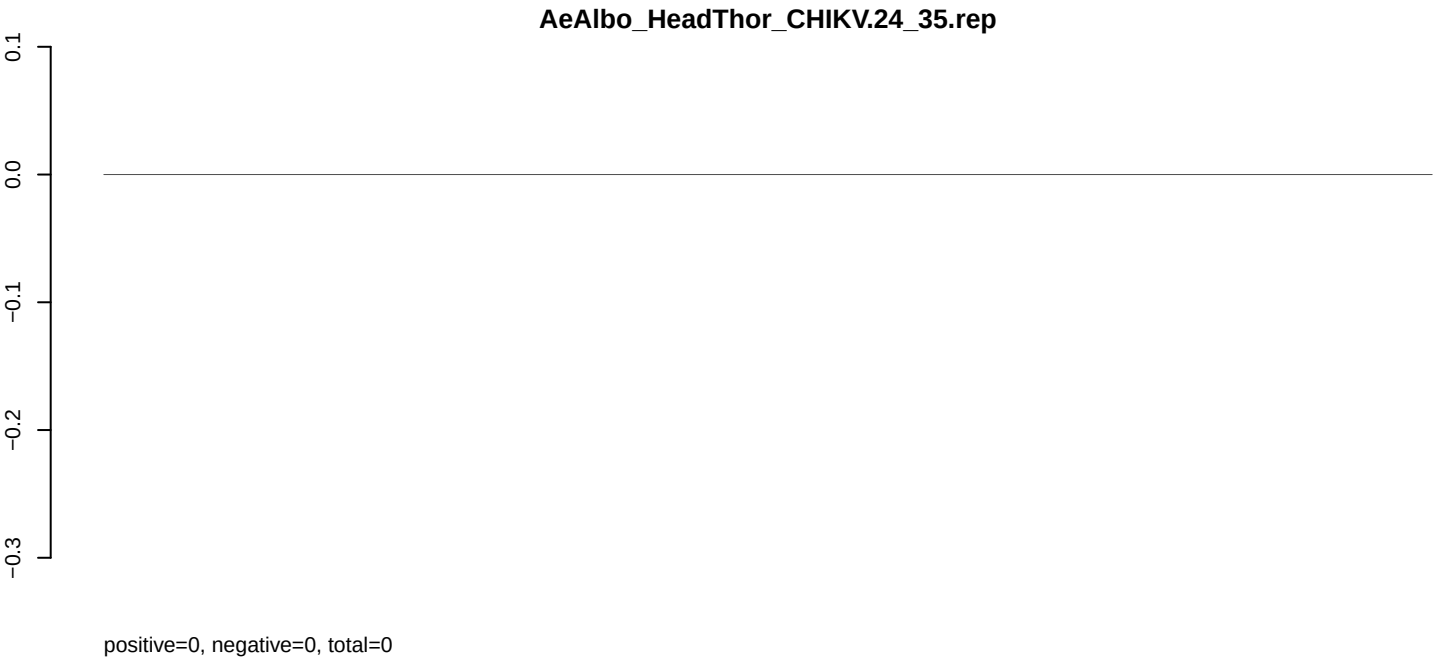

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=518, TE@rnd−5_family−542@DNA_Sola−2:1−518
100
200
300
400
500

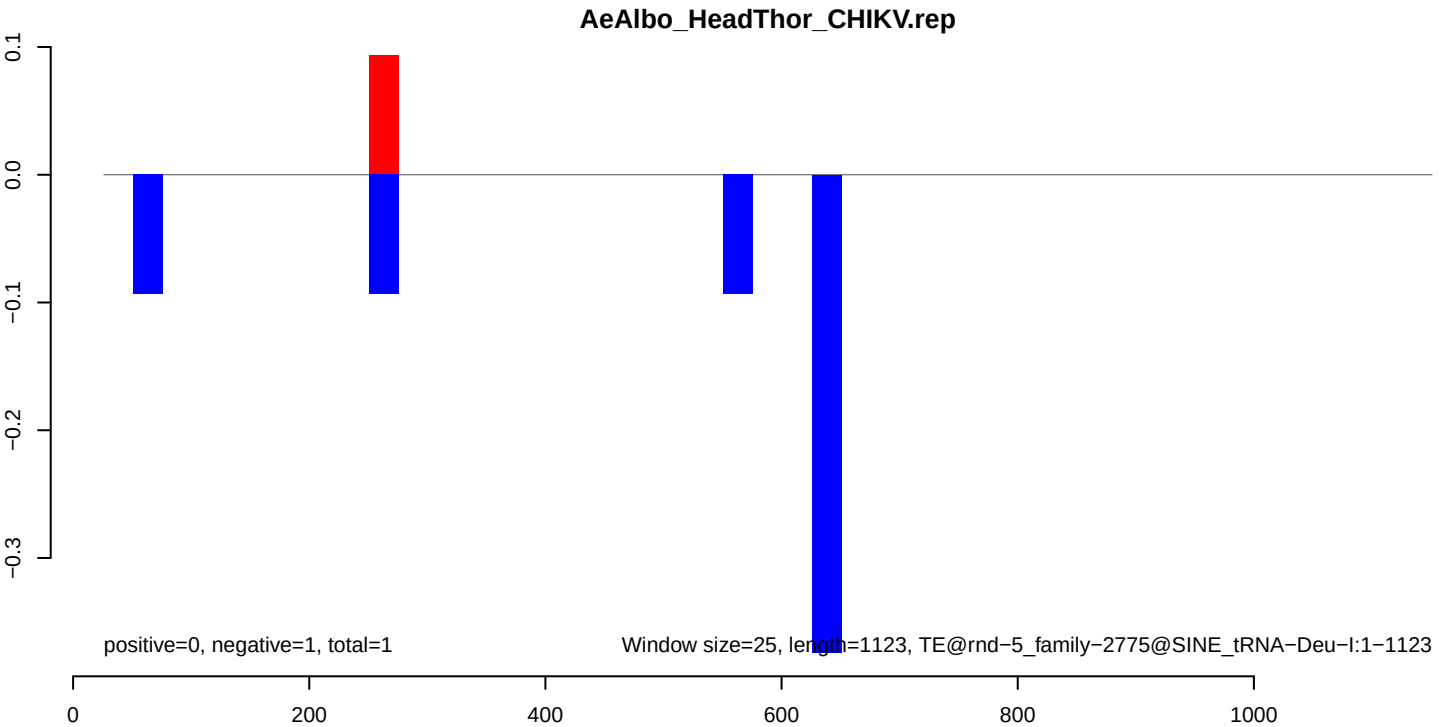

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1548, TE@rnd−5_family−413@Unknown:1−1548
0
500
1000
1500

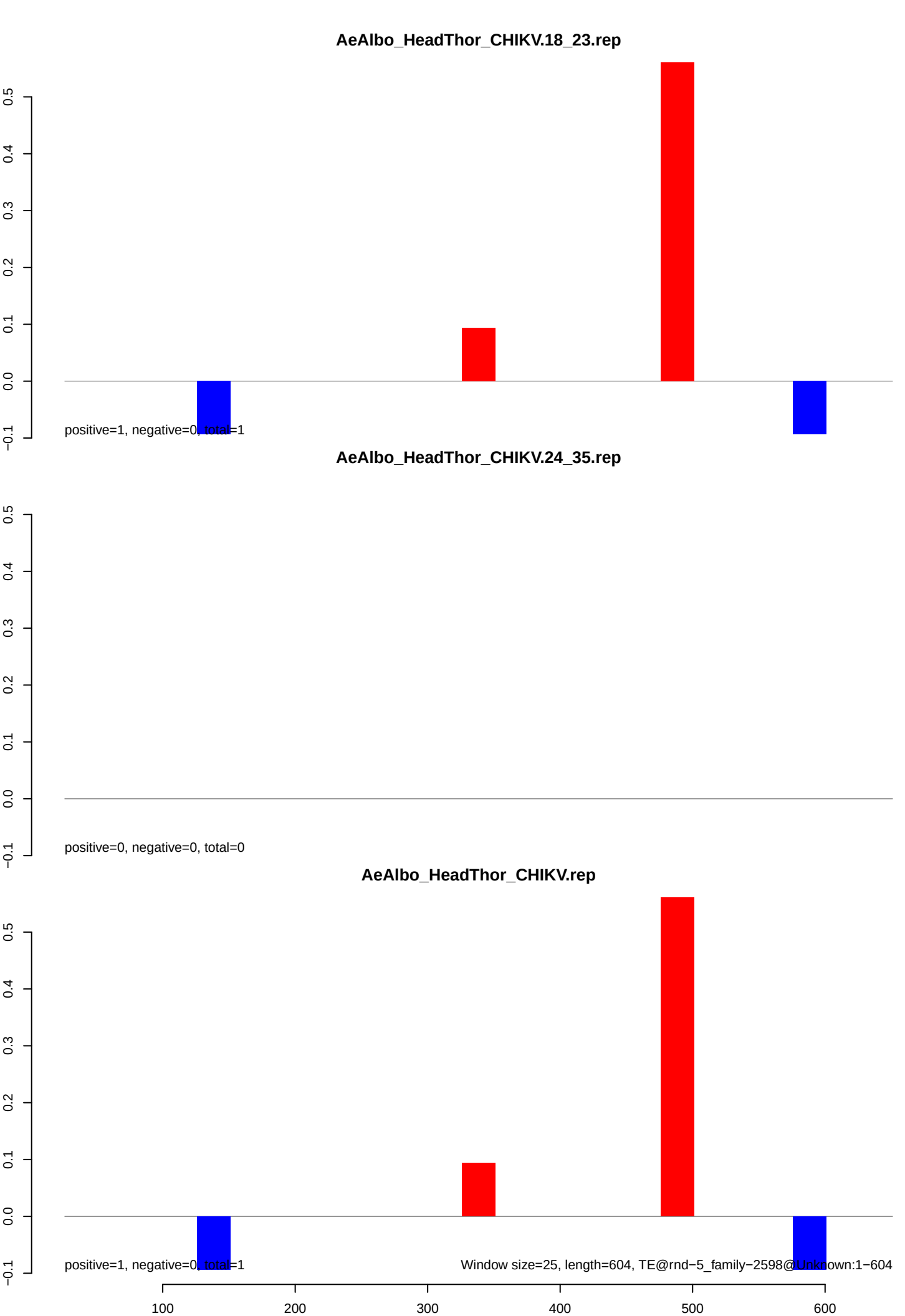

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=969, TE@rnd−5_family−3212@Unknown:1−969
0
200
400
600
800
1000

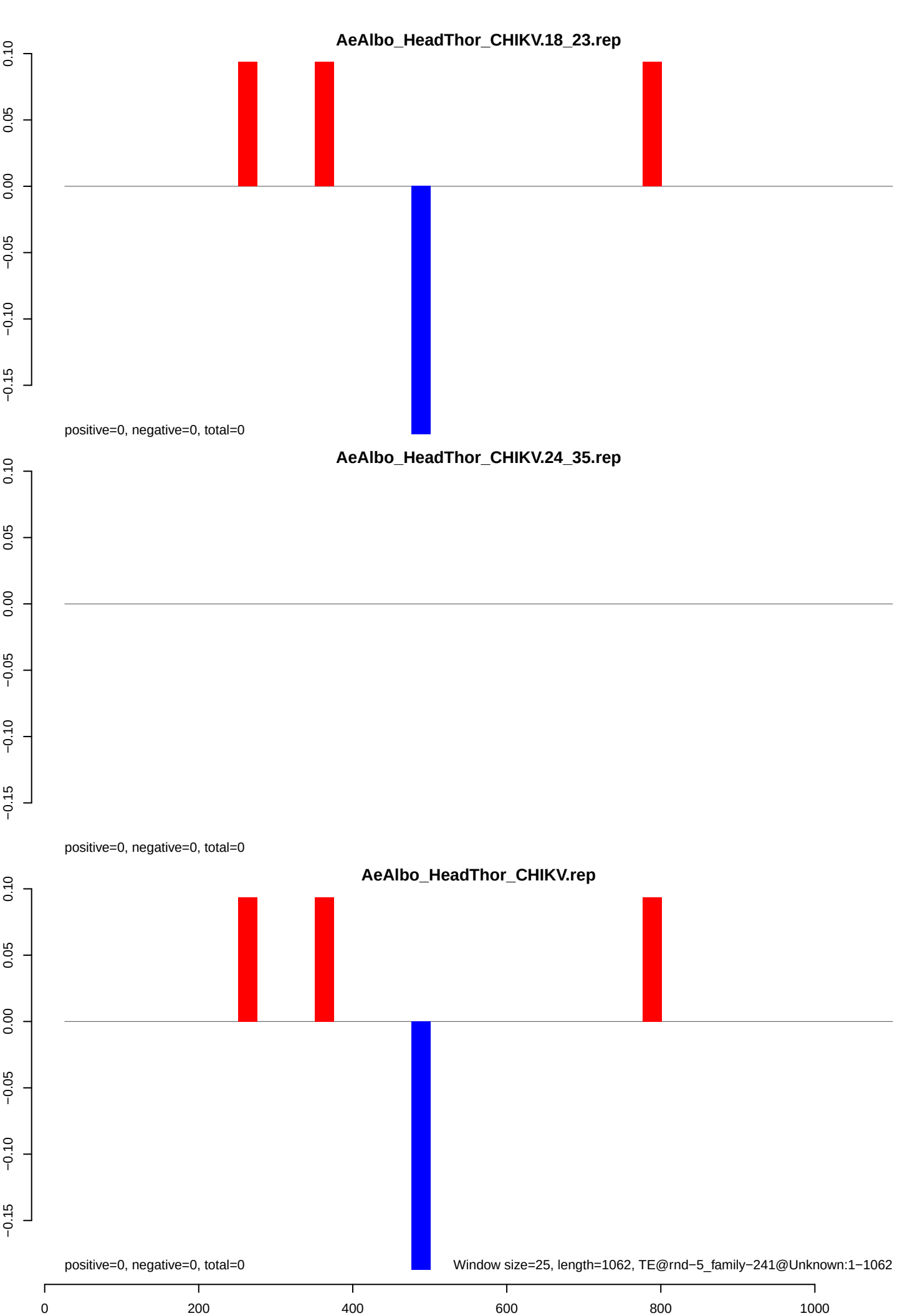

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=1, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=1, negative=3, total=4
Window size=25, length=722, TE@rnd−5_family−2907@DNA:1−722
0
200
400
600

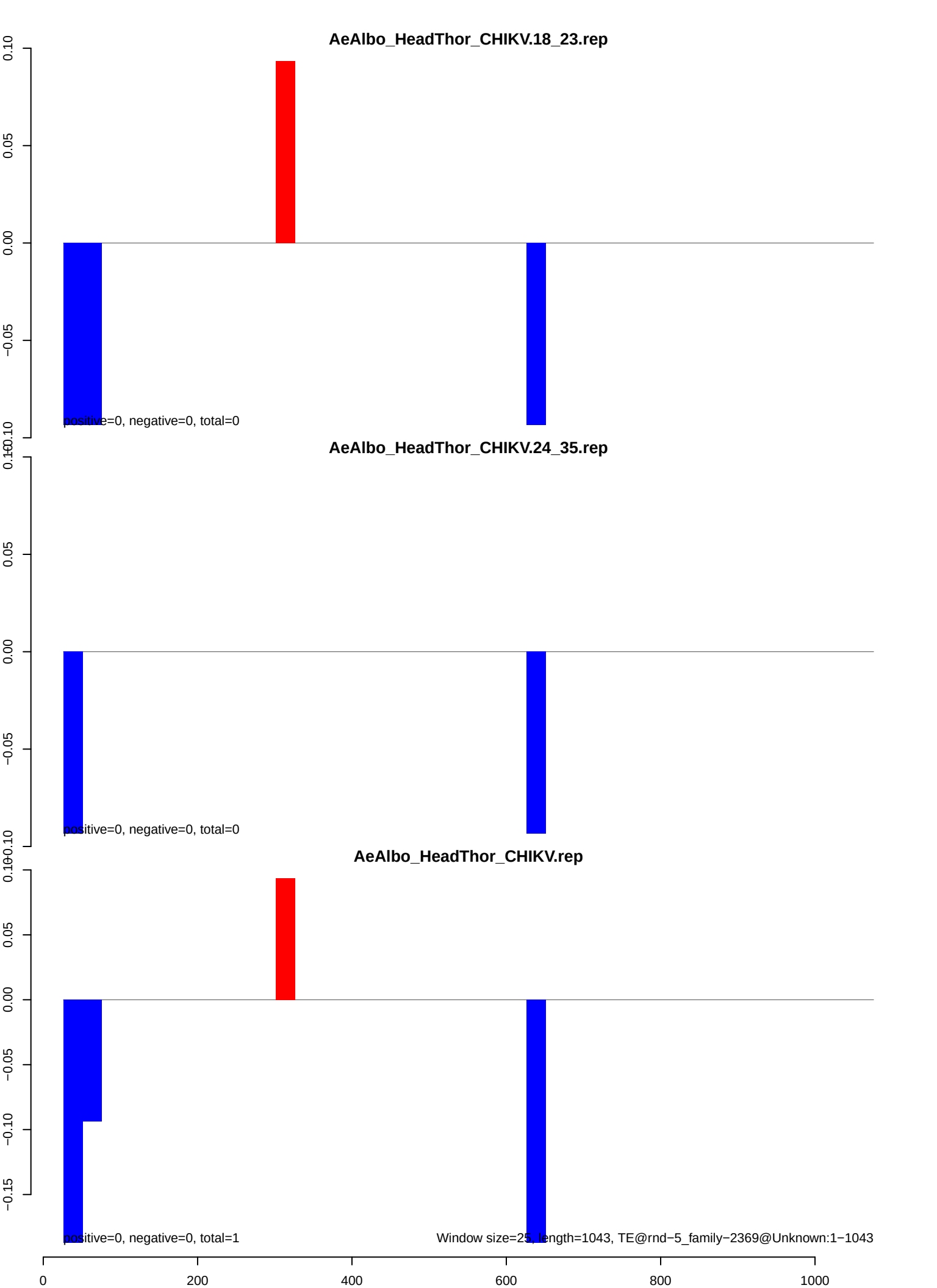

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1

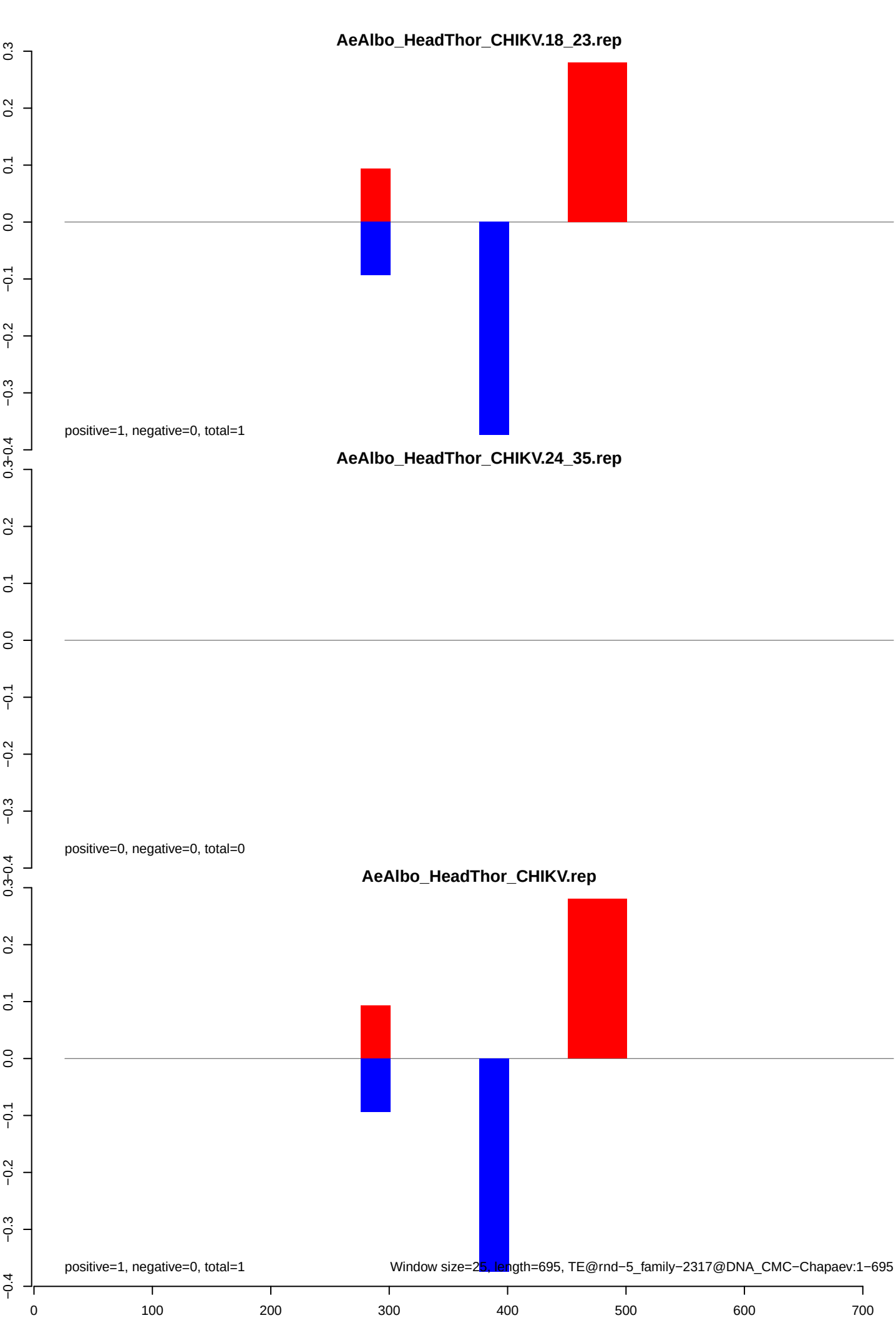

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

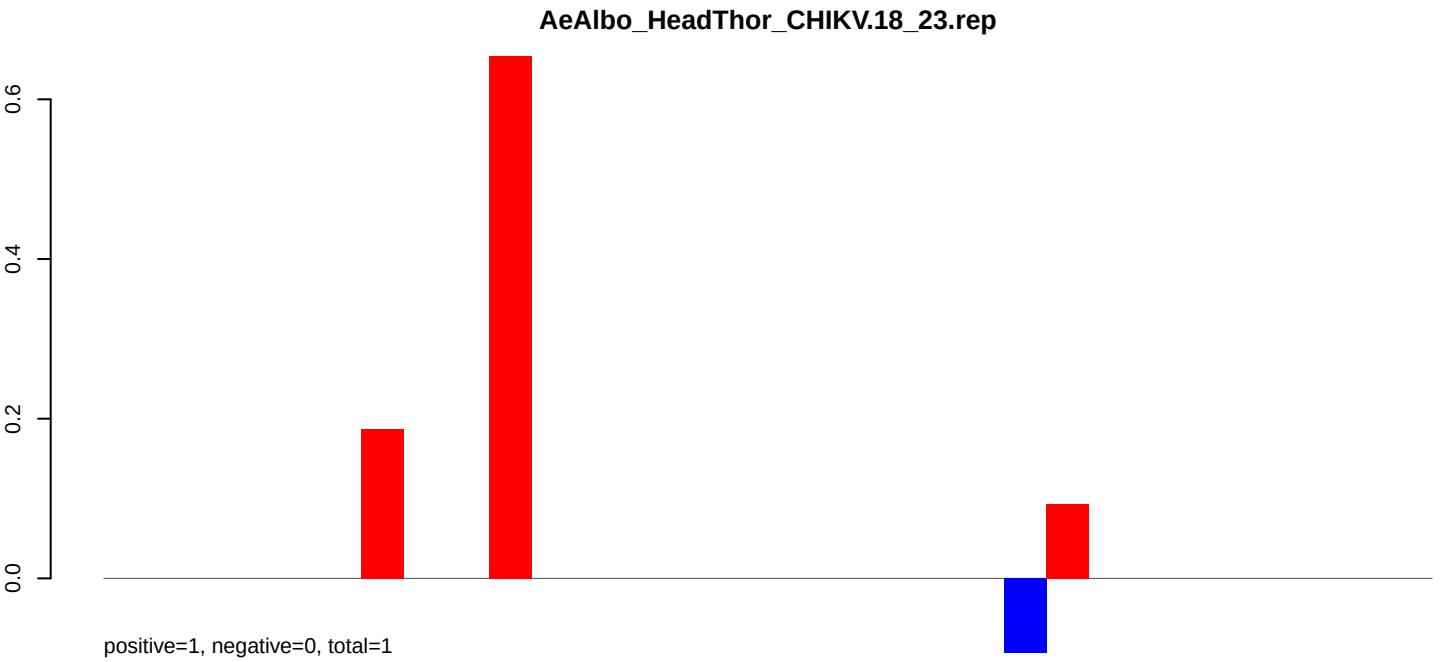

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=1123, TE@rnd−5_family−2775@SINE_tRNA−Deu−I:1−1123
0
200
400
600
800
1000

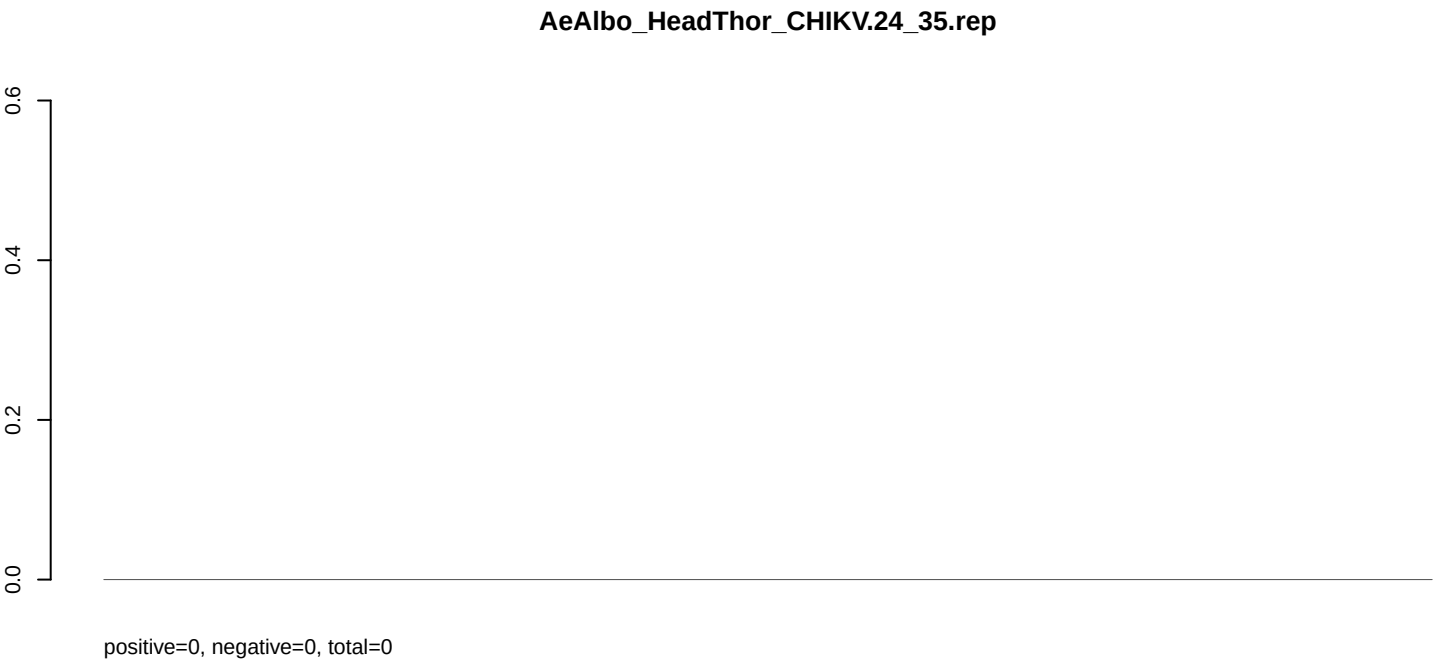

AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=604, TE@rnd−5_family−2598@Unknown:1−604
100
200
300
400
500
600

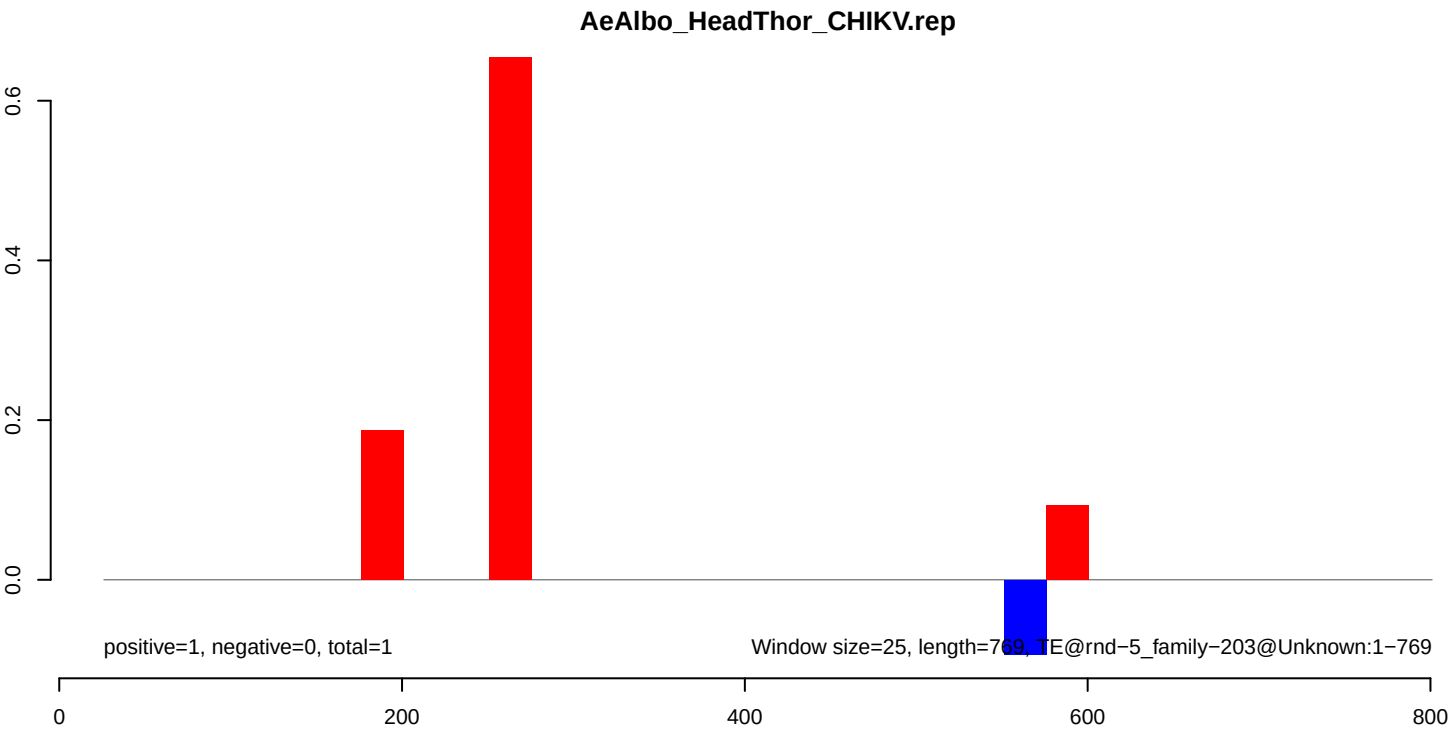

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1062, TE@rnd−5_family−241@Unknown:1−1062
0
200
400
600
800
1000

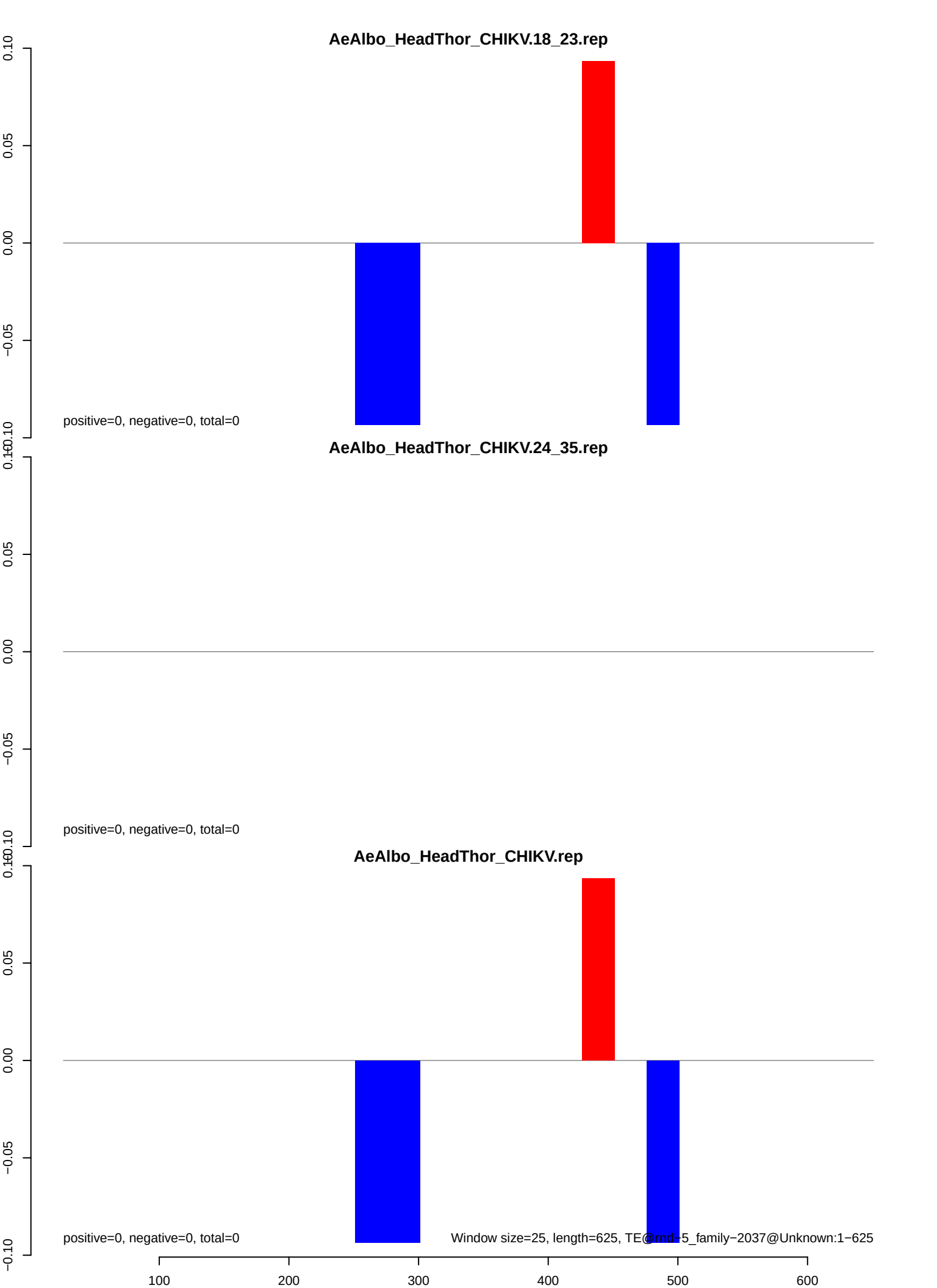

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=1043, TE@rnd−5_family−2369@Unknown:1−1043
0
200
400
600
800
1000

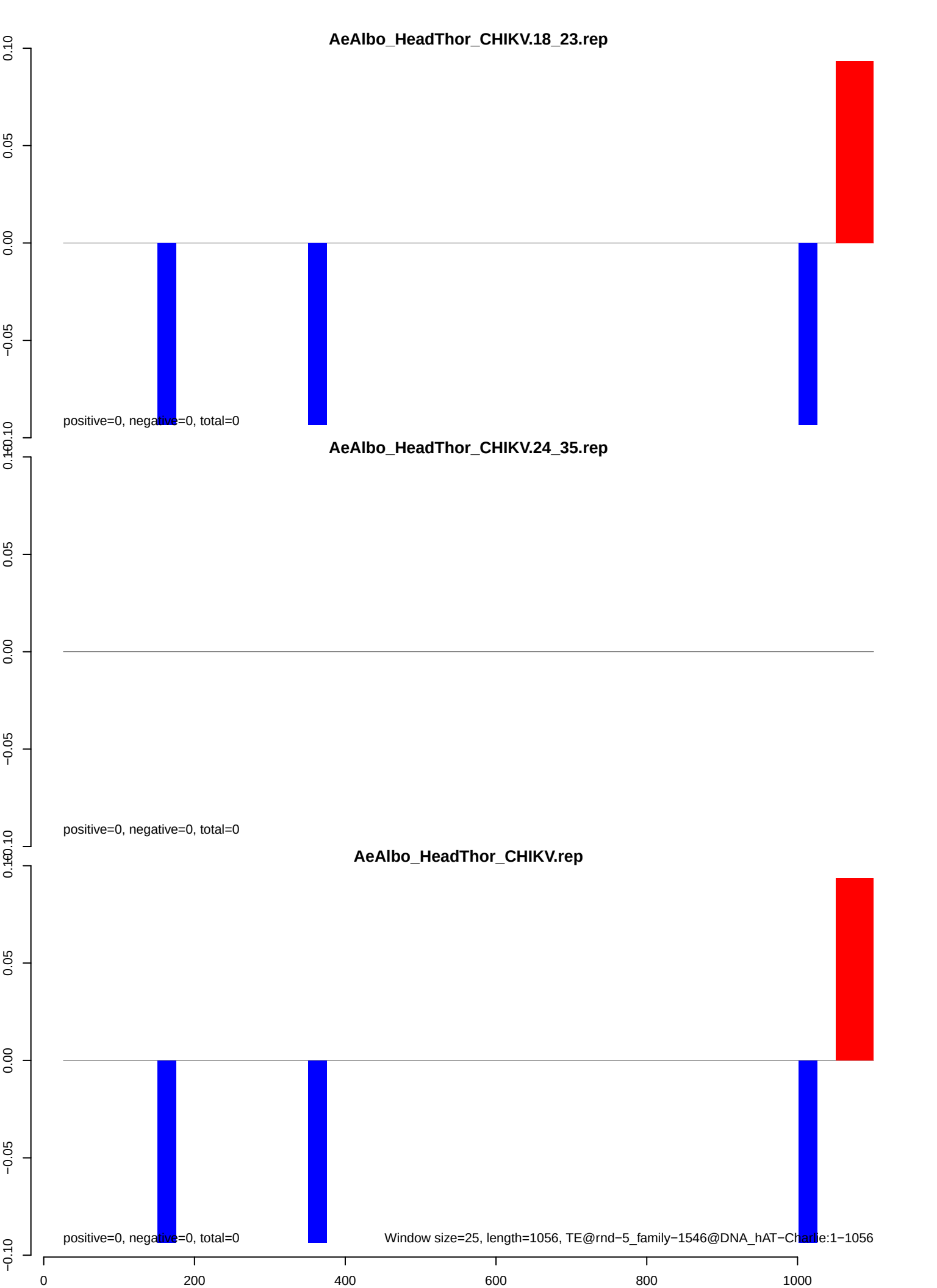

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=695, TE@rnd−5_family−2317@DNA_CMC−Chapaev:1−695
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
100
200
300
400
500
600
700

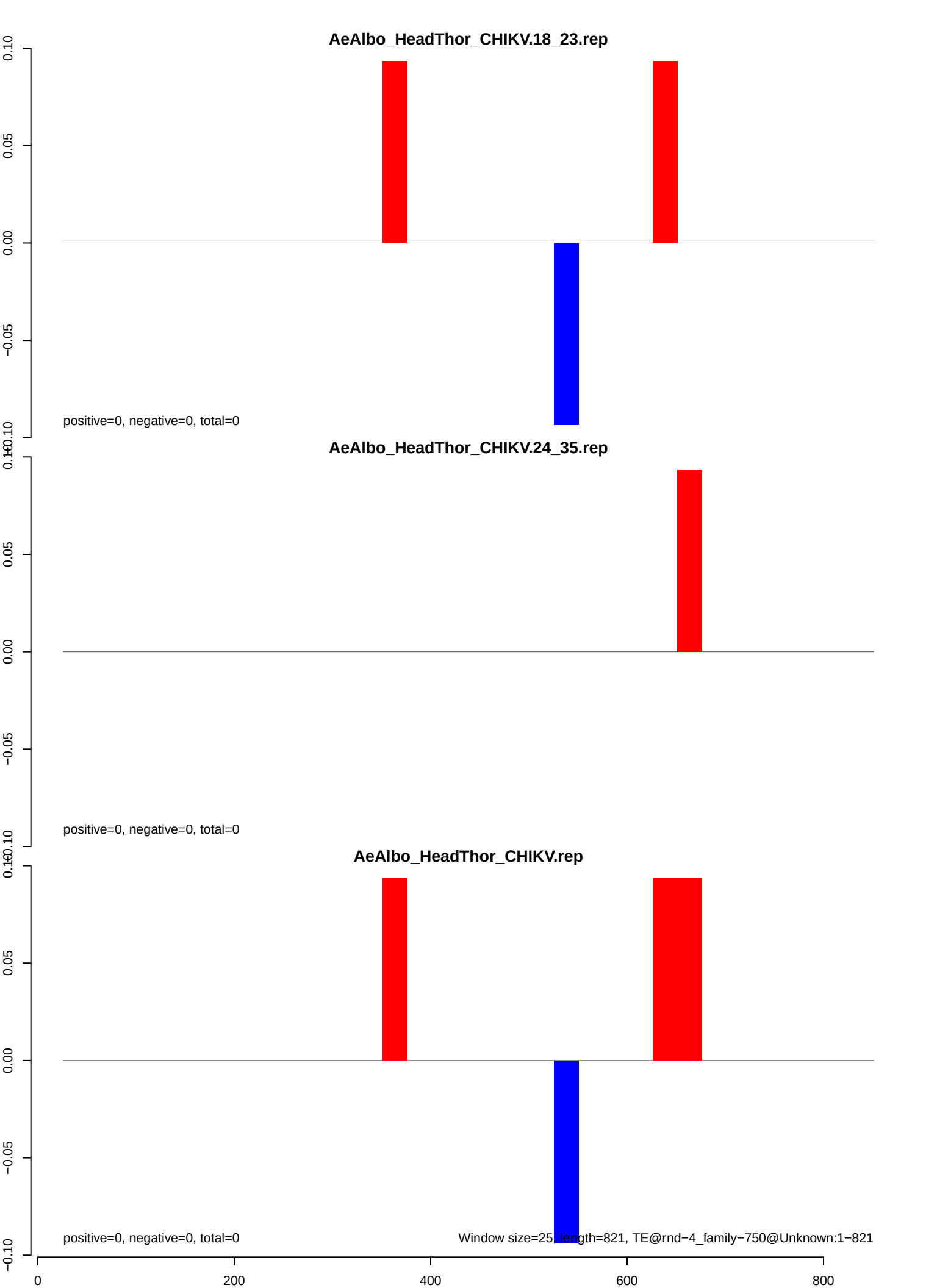

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1

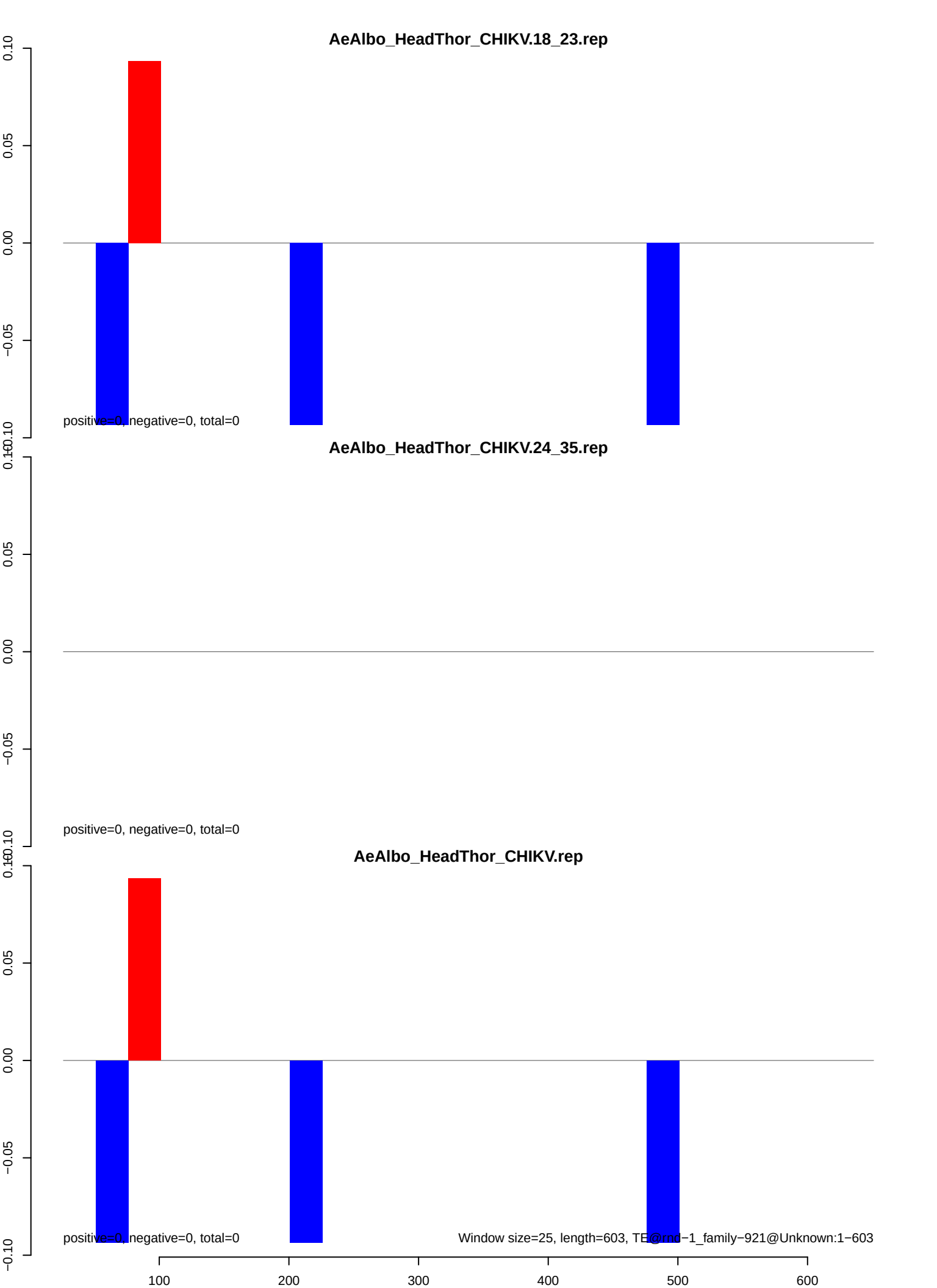

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0

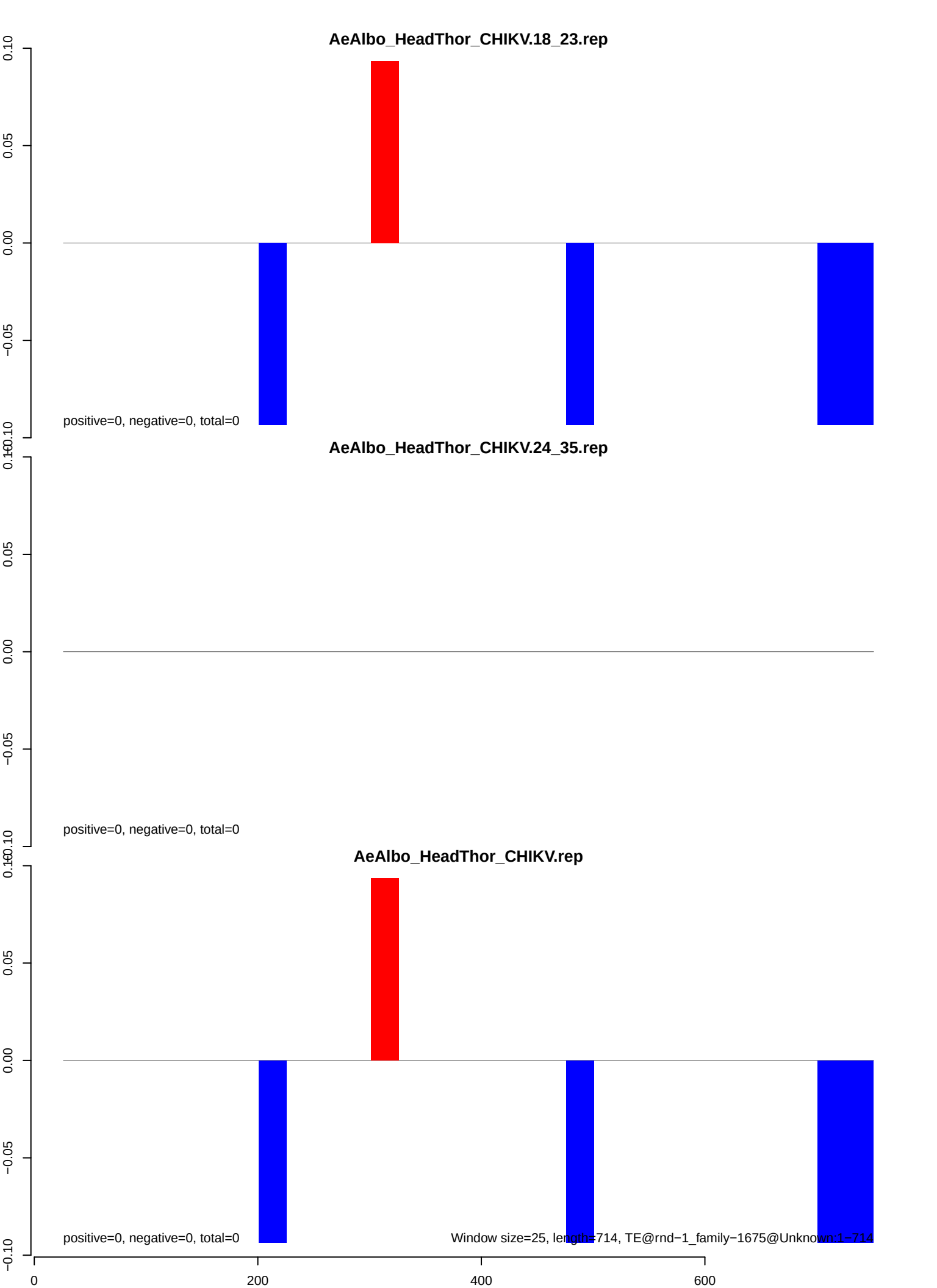

AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=769, TE@rnd−5_family−203@Unknown:1−769
0
200
400
600
800

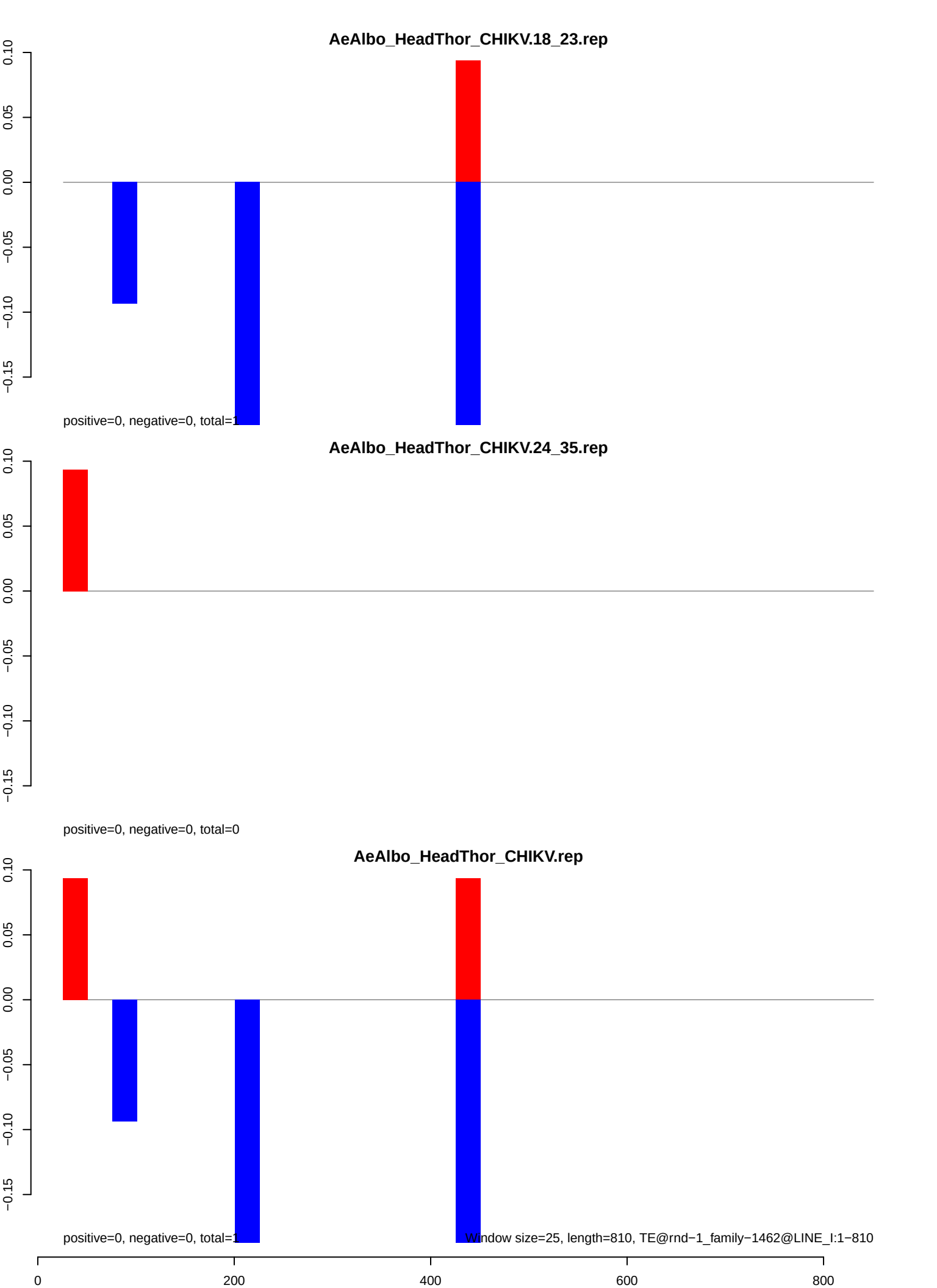

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=625, TE@rnd−5_family−2037@Unknown:1−625
100
200
300
400
500
600

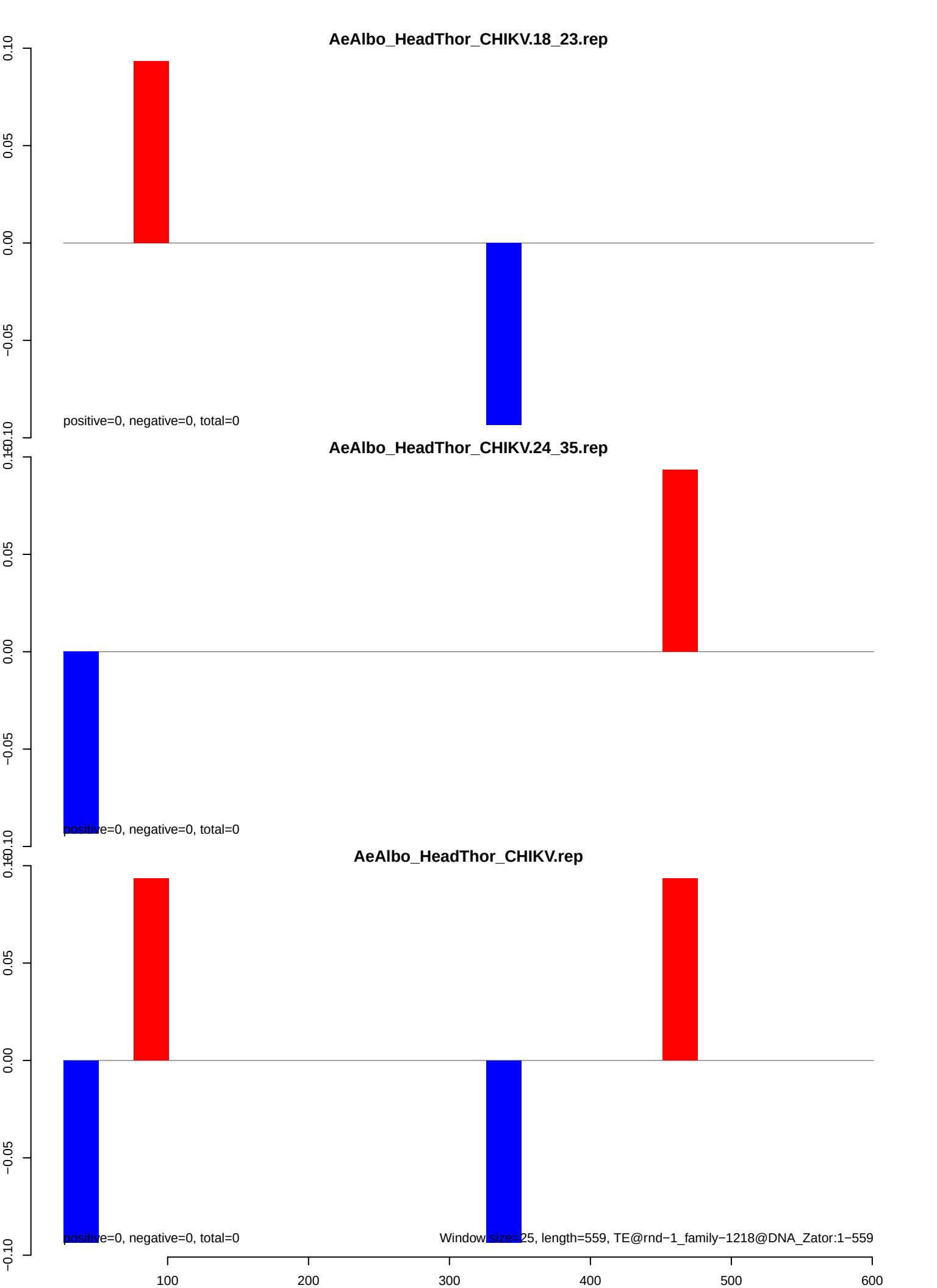

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1056, TE@rnd−5_family−1546@DNA_hAT−Charlie:1−1056
0
200
400
600
800
1000

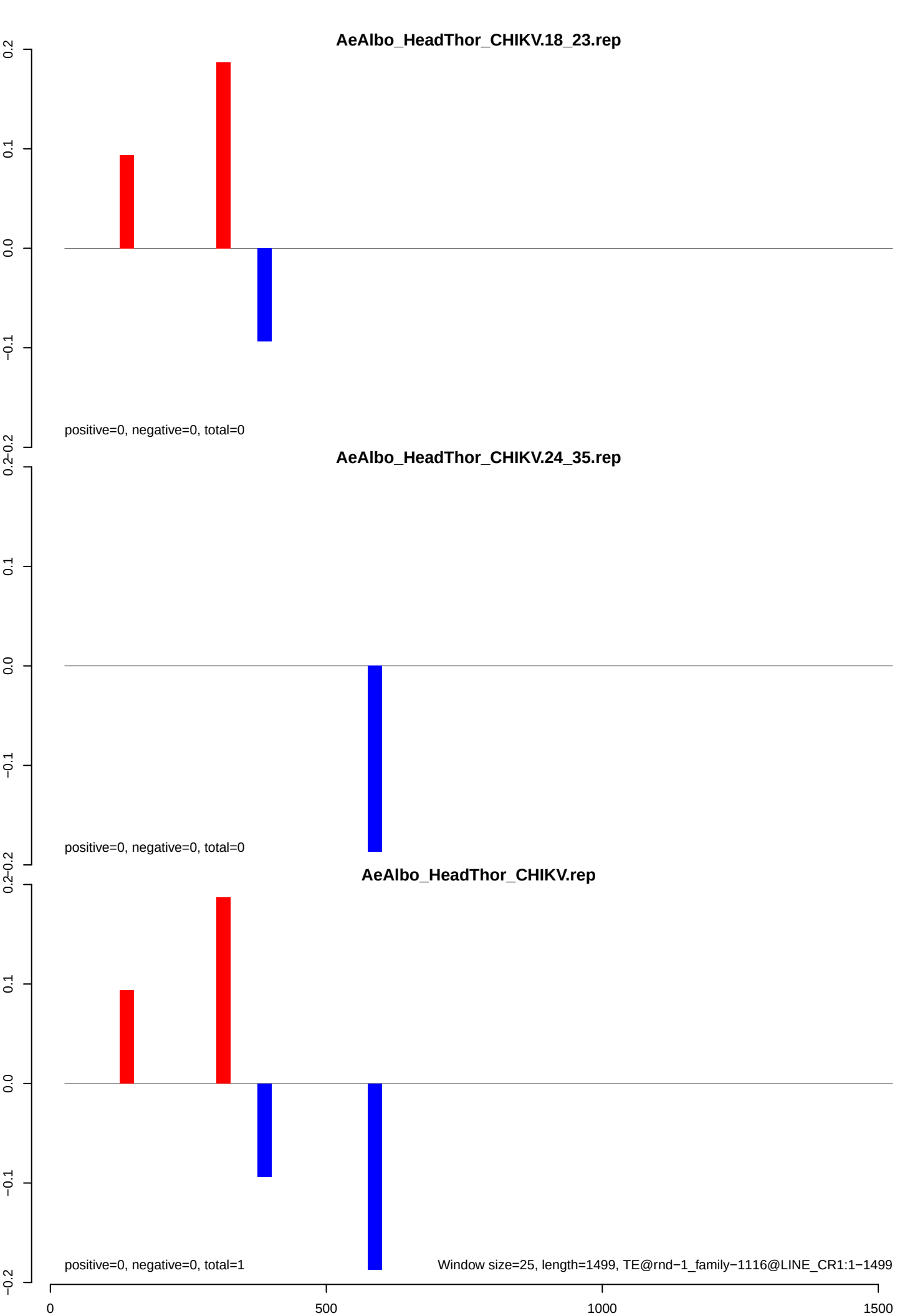

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=821, TE@rnd−4_family−750@Unknown:1−821
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800

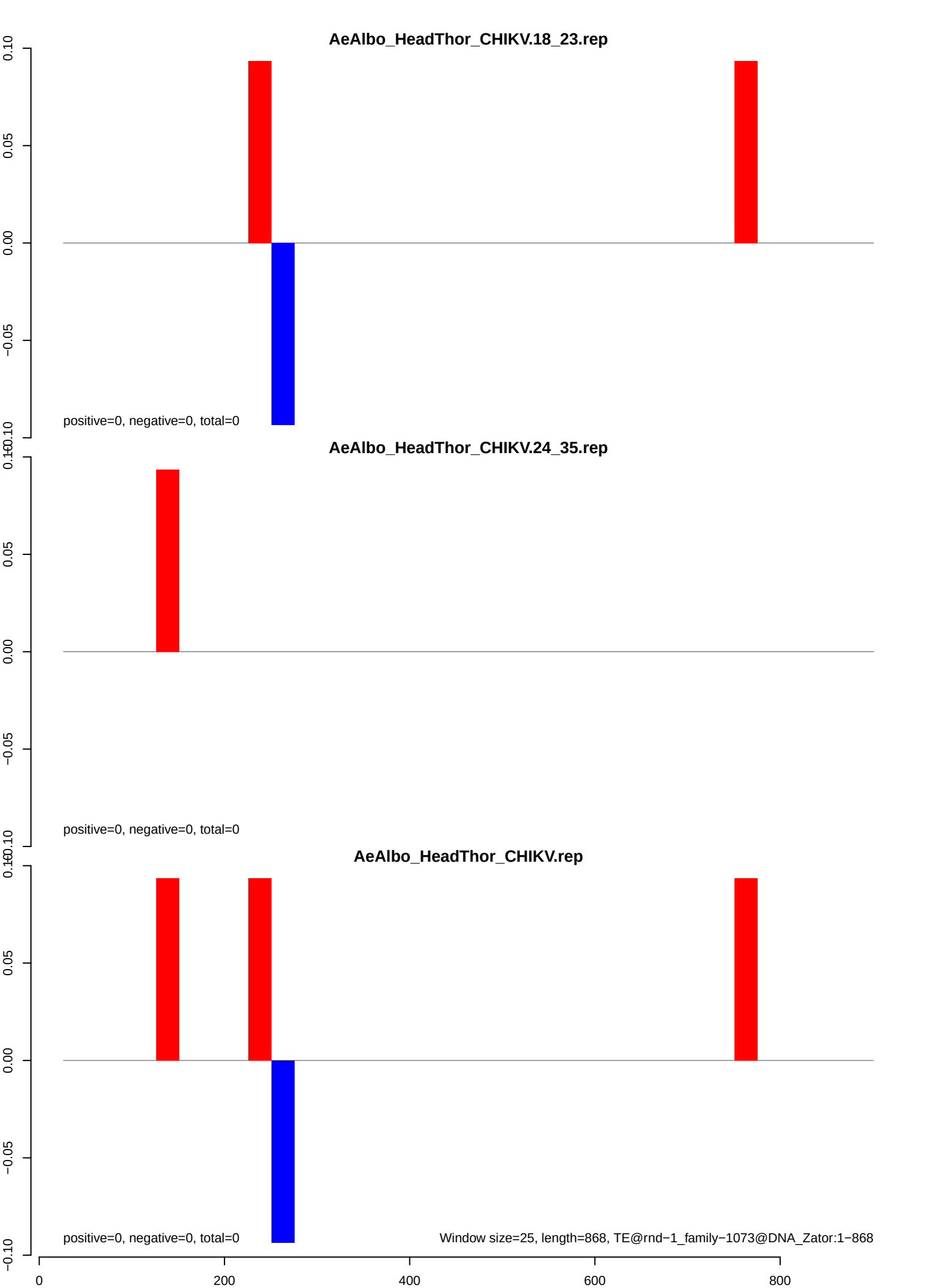

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=603, TE@rnd−1_family−921@Unknown:1−603
100
200
300
400
500
600

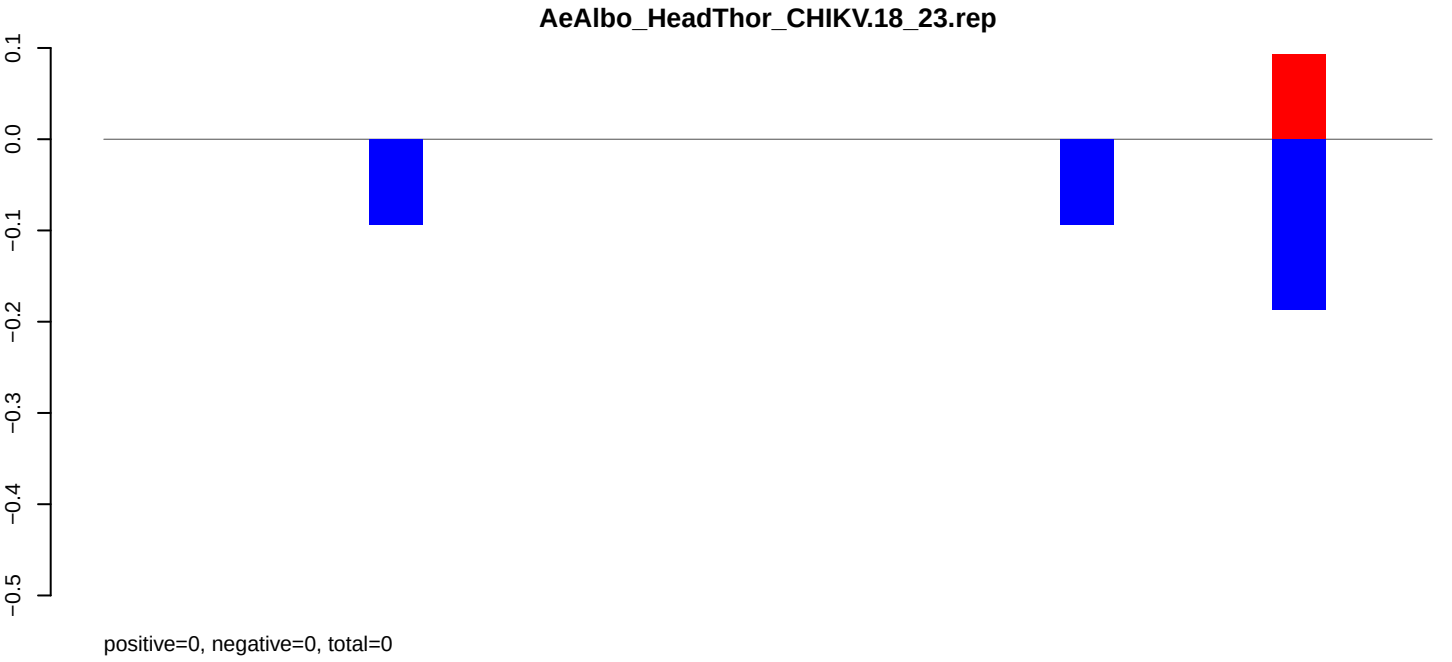

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=714, TE@rnd−1_family−1675@Unknown:1−714
0
200
400
600

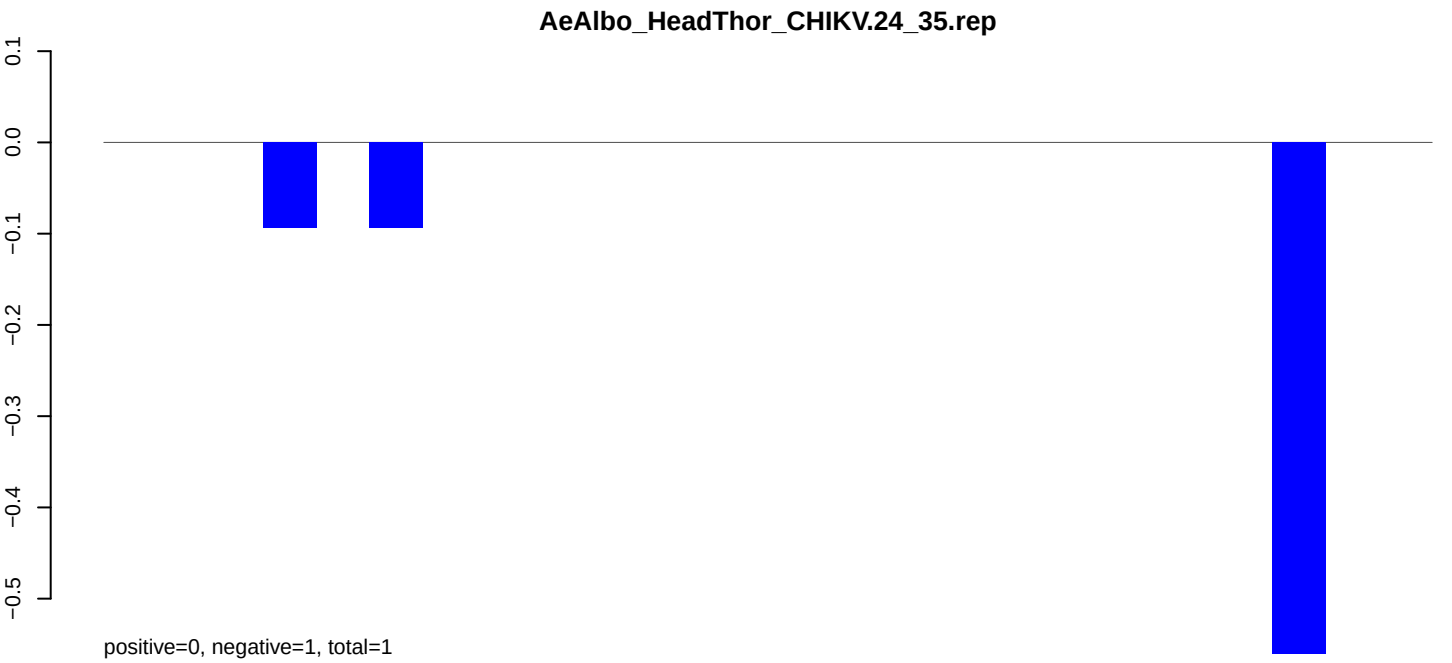

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=810, TE@rnd−1_family−1462@LINE_I:1−810
0
200
400
600
800

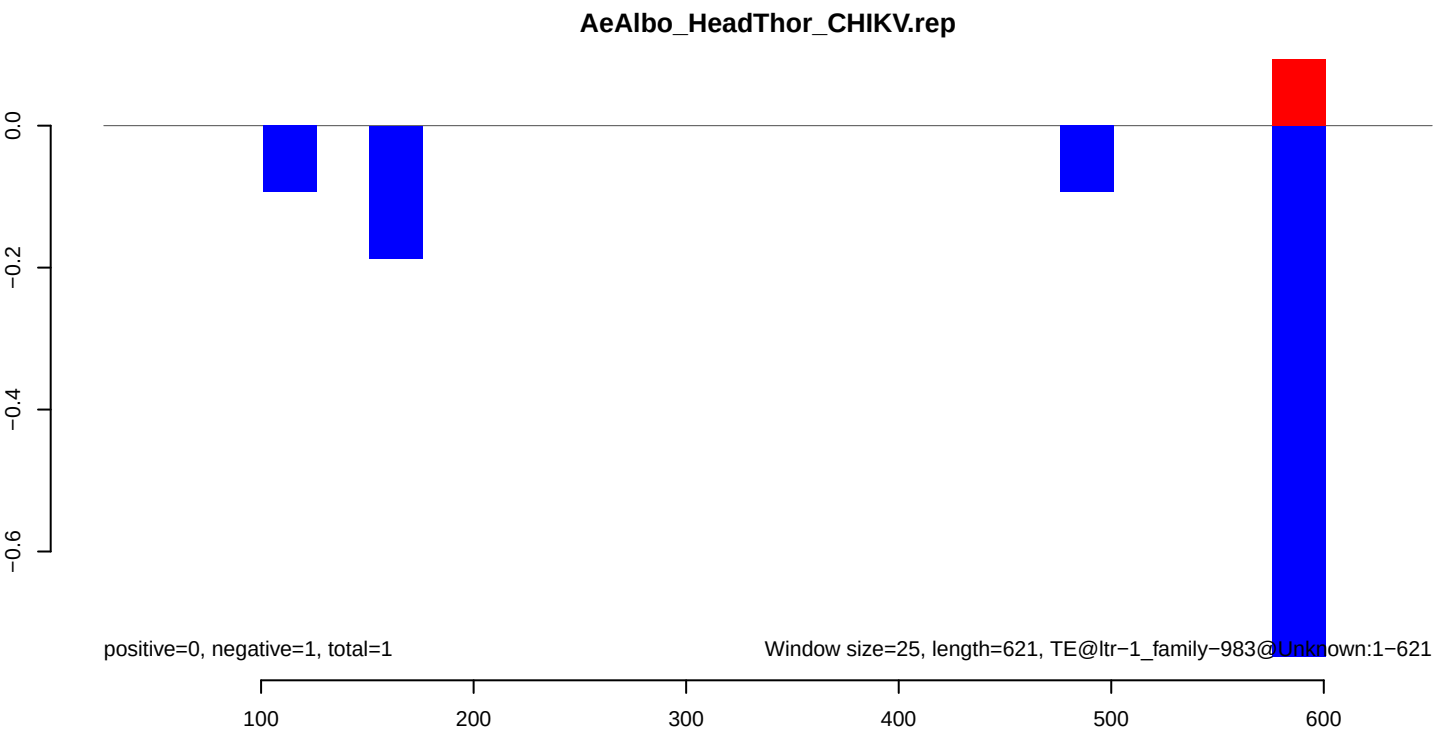

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=559, TE@rnd−1_family−1218@DNA_Zator:1−559
100
200
300
400
500
600

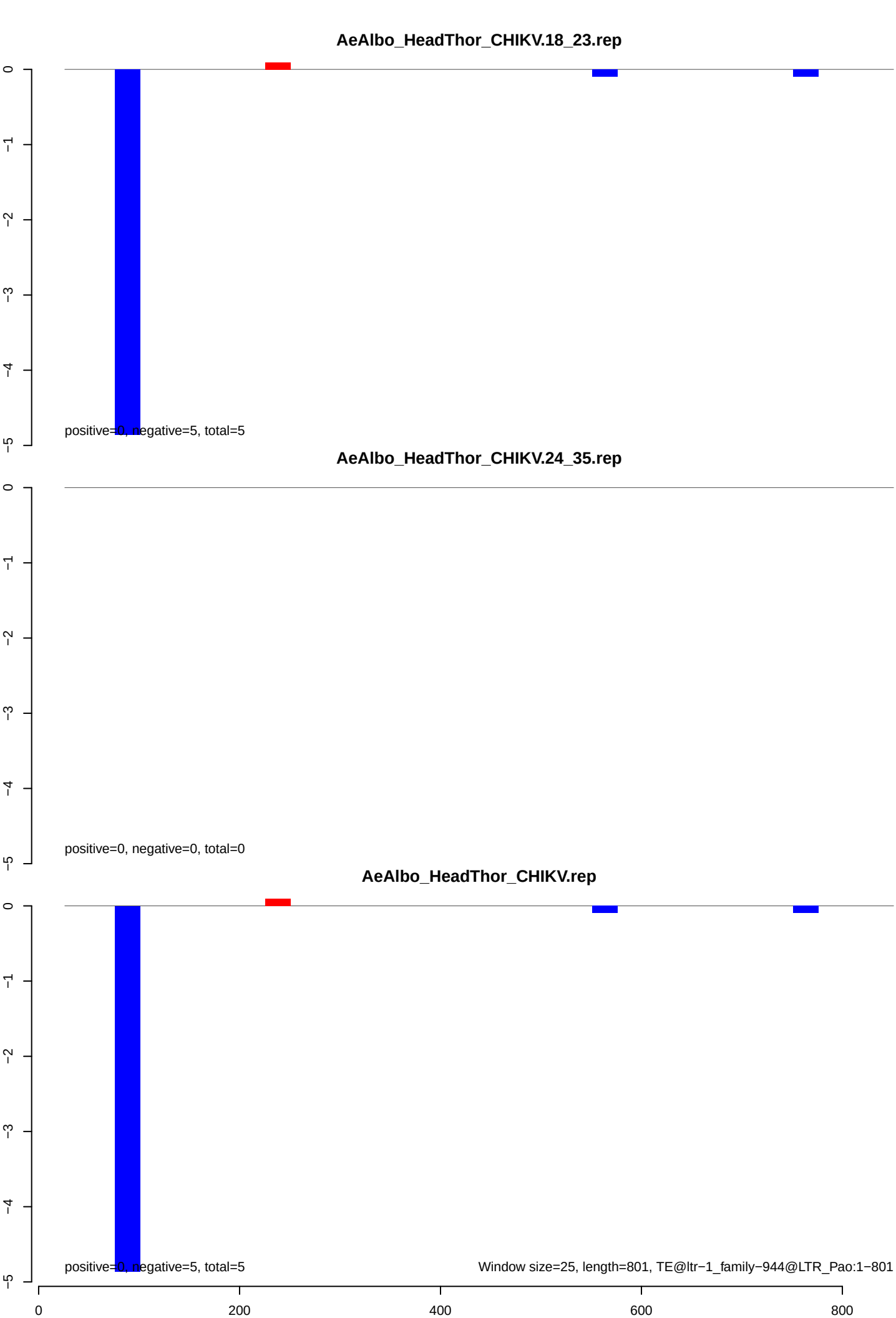

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=1499, TE@rnd−1_family−1116@LINE_CR1:1−1499
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500

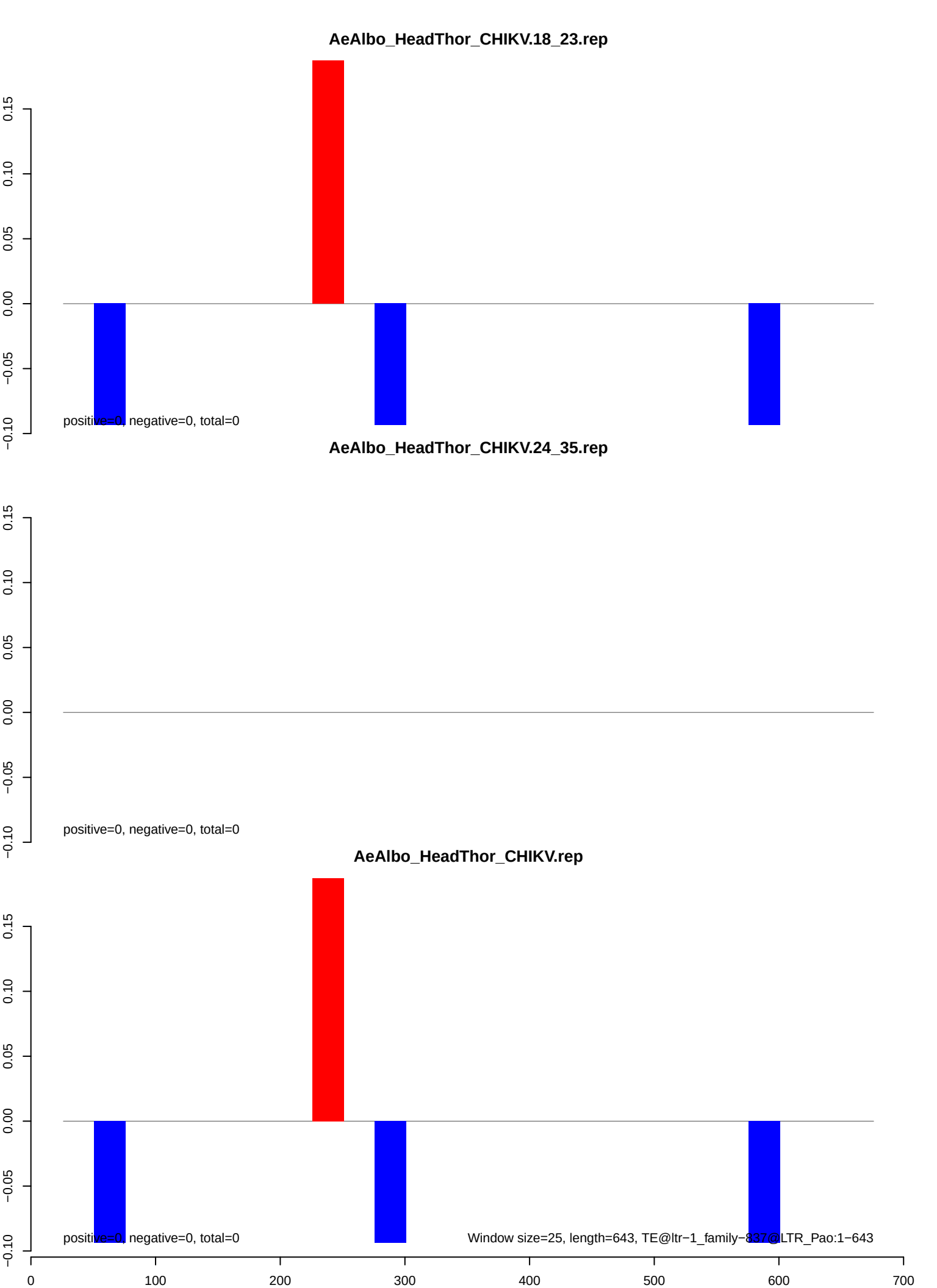

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=868, TE@rnd−1_family−1073@DNA_Zator:1−868
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800

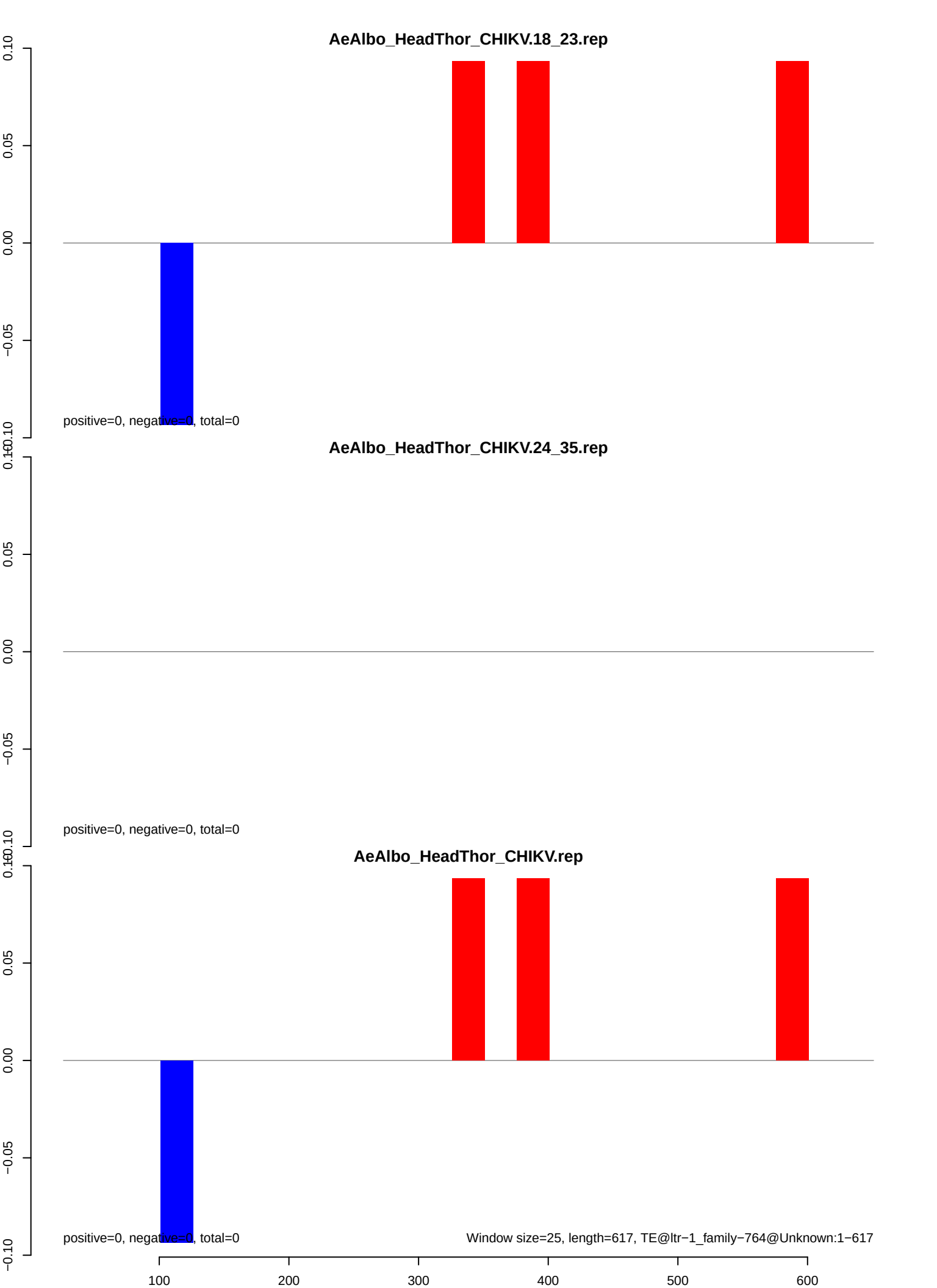

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0

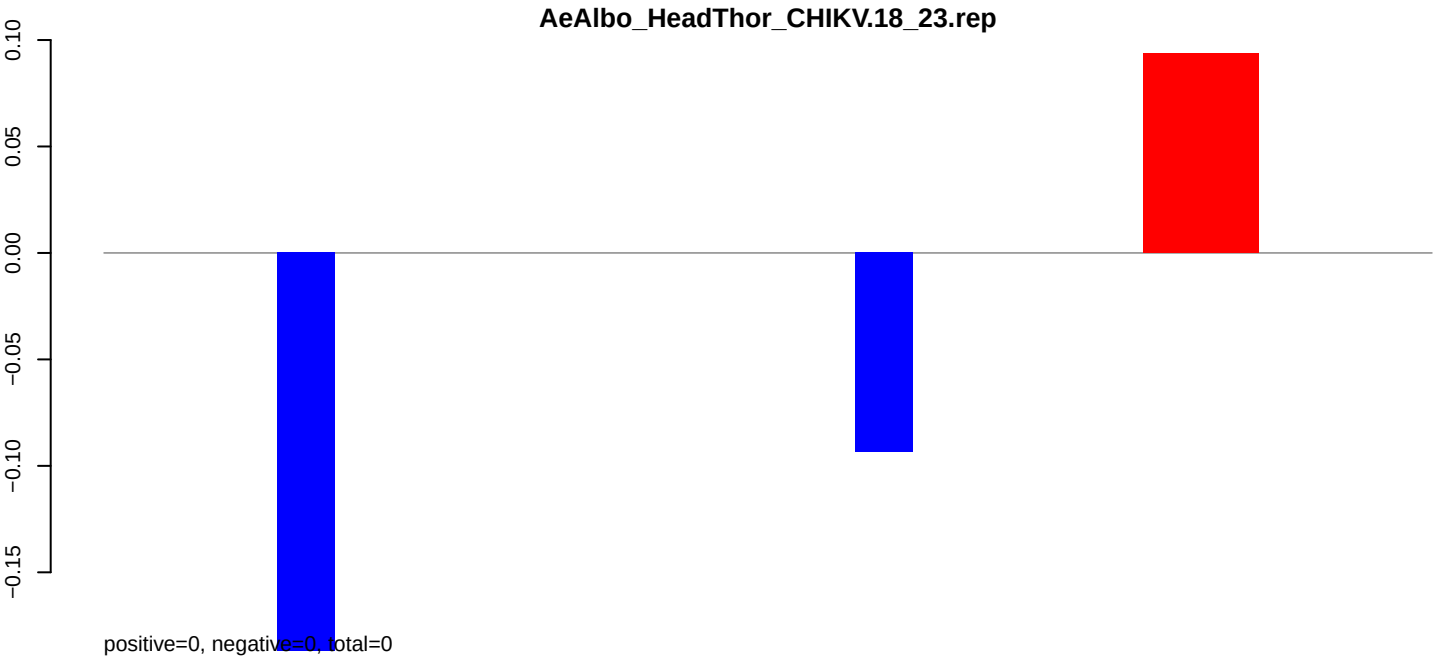

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1


AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=621, TE@ltr−1_family−983@Unknown:1−621
100
200
300
400
500
600

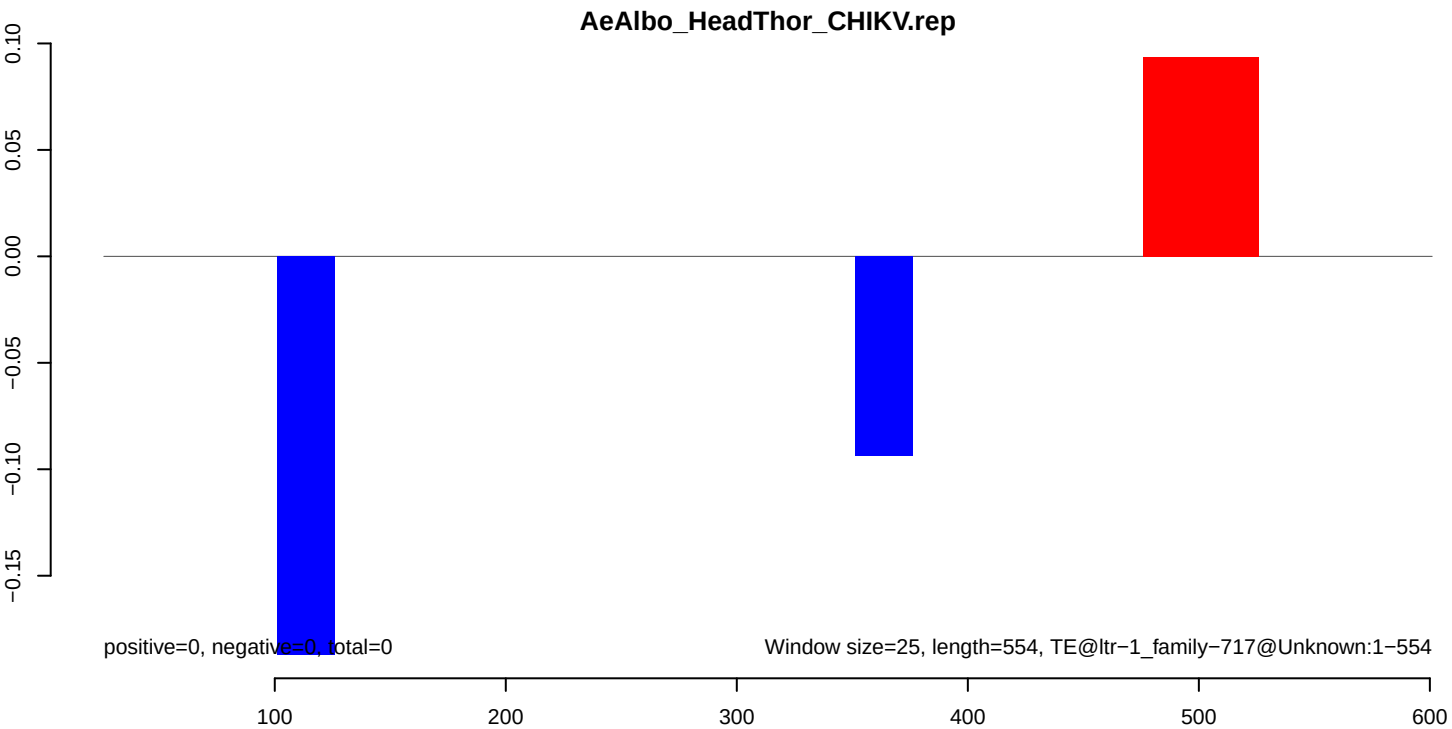

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=0, negative=5, total=5
Window size=25, length=801, TE@ltr−1_family−944@LTR_Pao:1−801
0
200
400
600
800

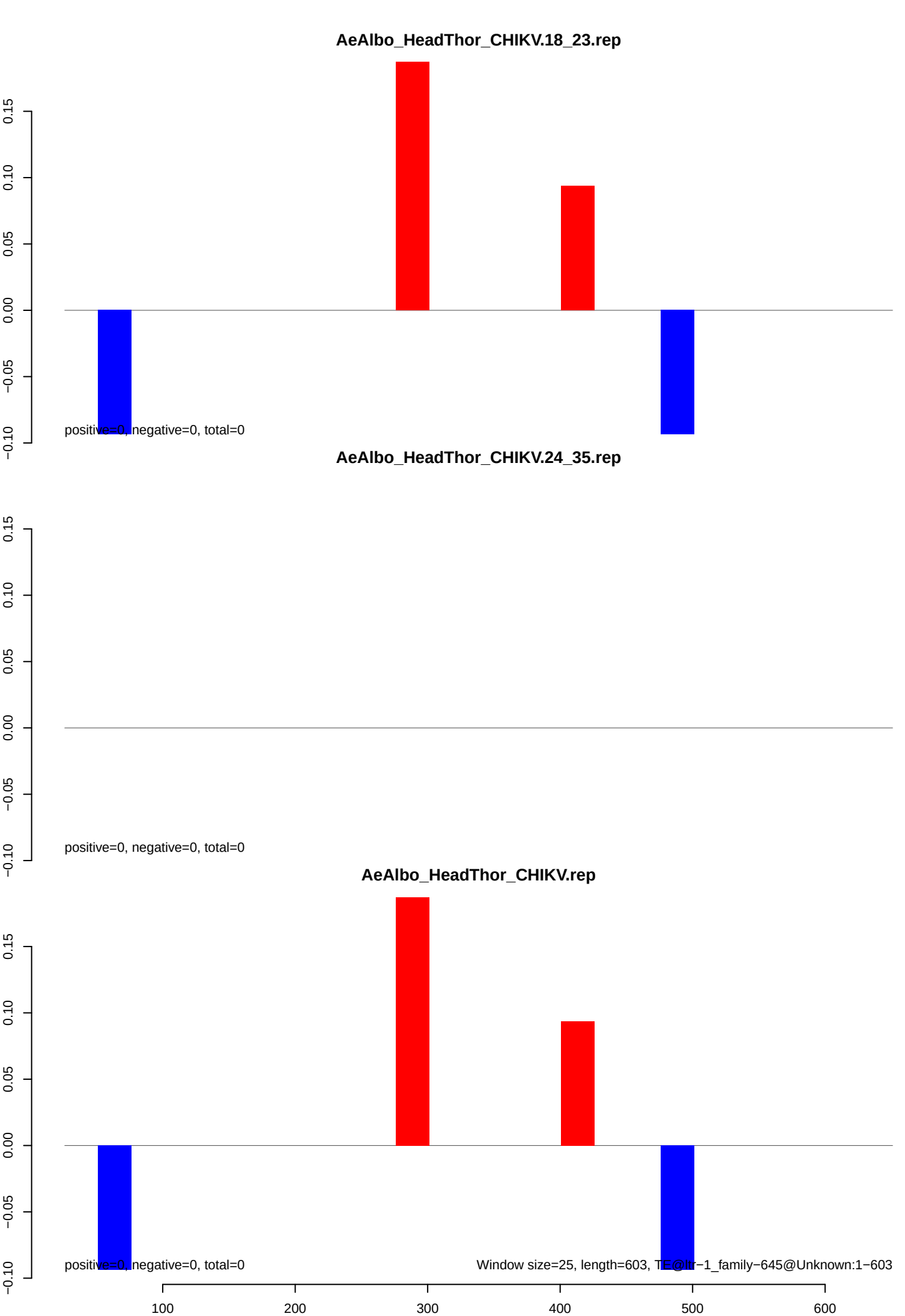

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=643, TE@ltr−1_family−837@LTR_Pao:1−643
0
100
200
300
400
500
600
700

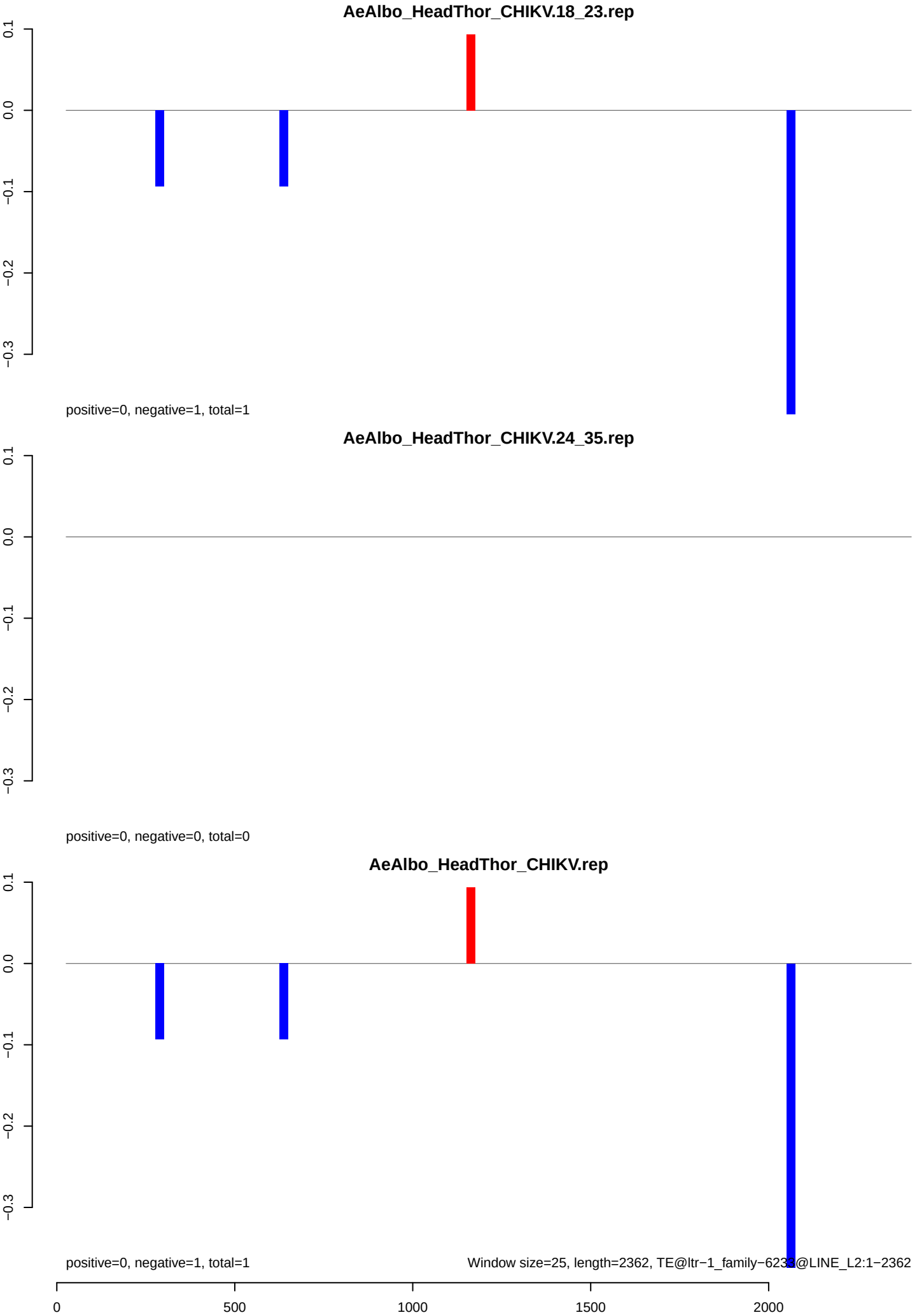

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=617, TE@ltr−1_family−764@Unknown:1−617
100
200
300
400
500
600

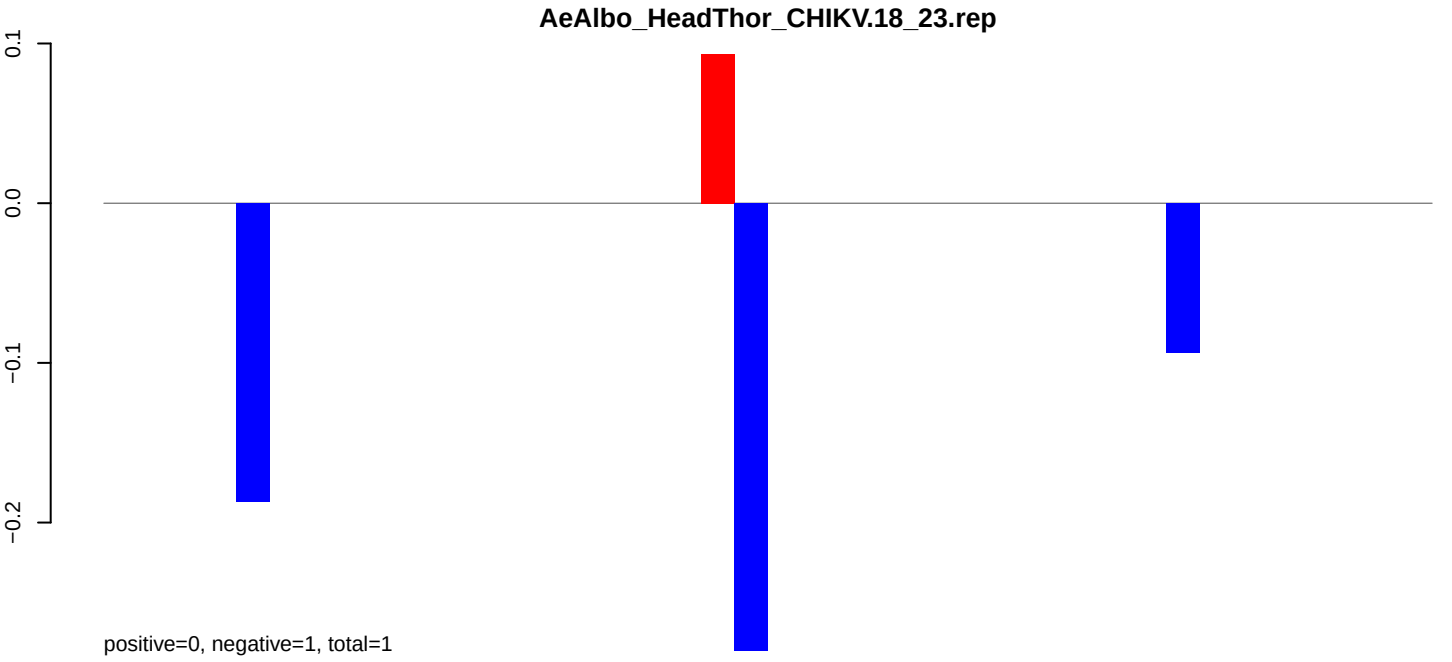

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

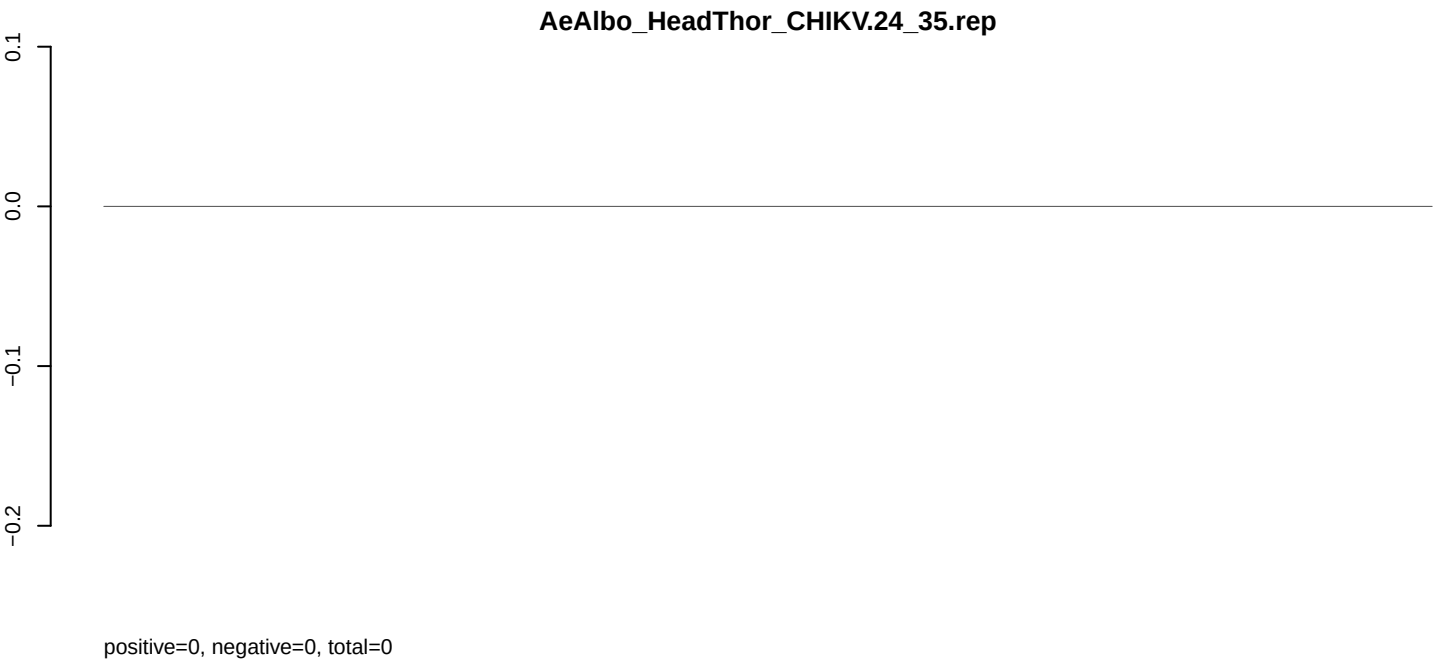
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

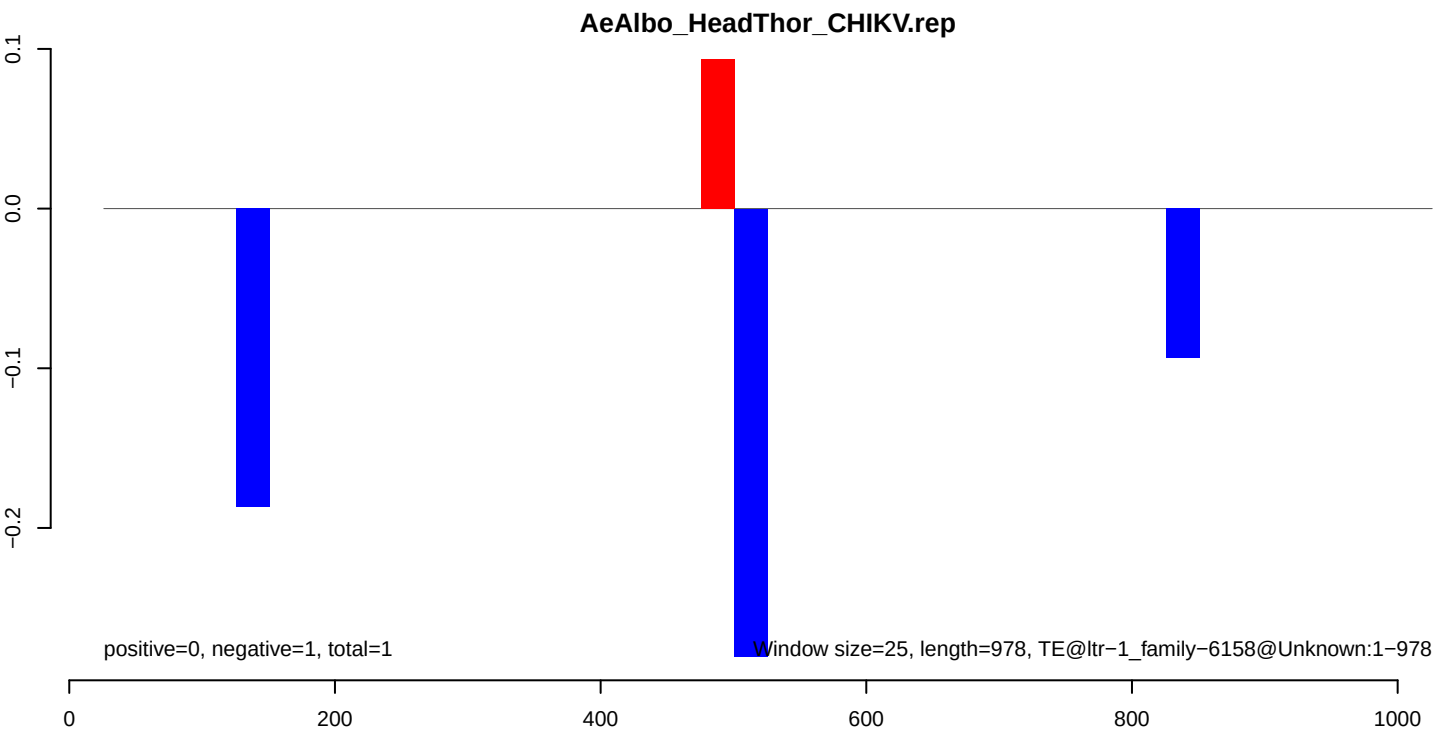

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=554, TE@ltr−1_family−717@Unknown:1−554
100
200
300
400
500
600

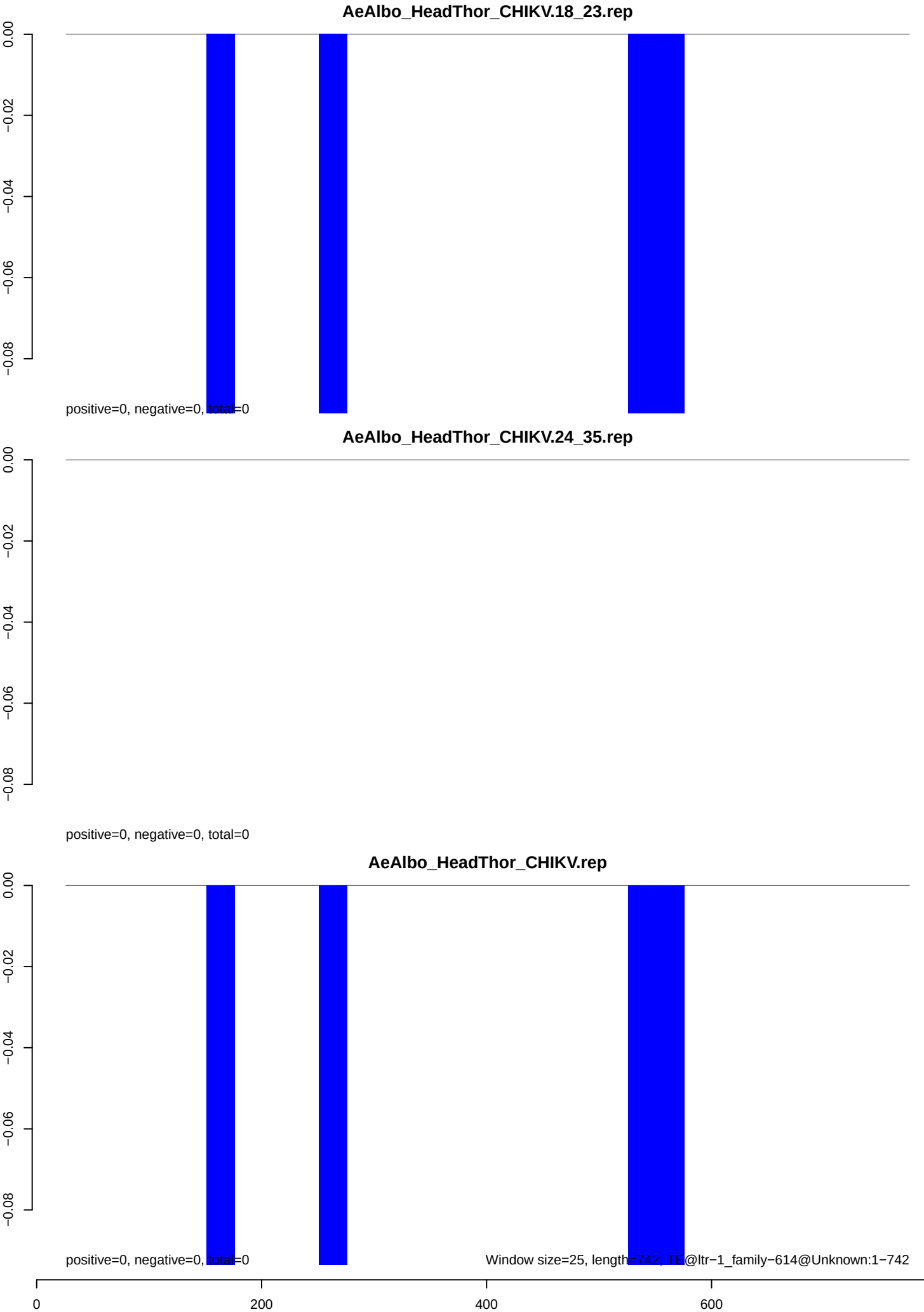

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=603, TE@lir−1_family−645@Unknown:1−603
100
200
300
400
500
600

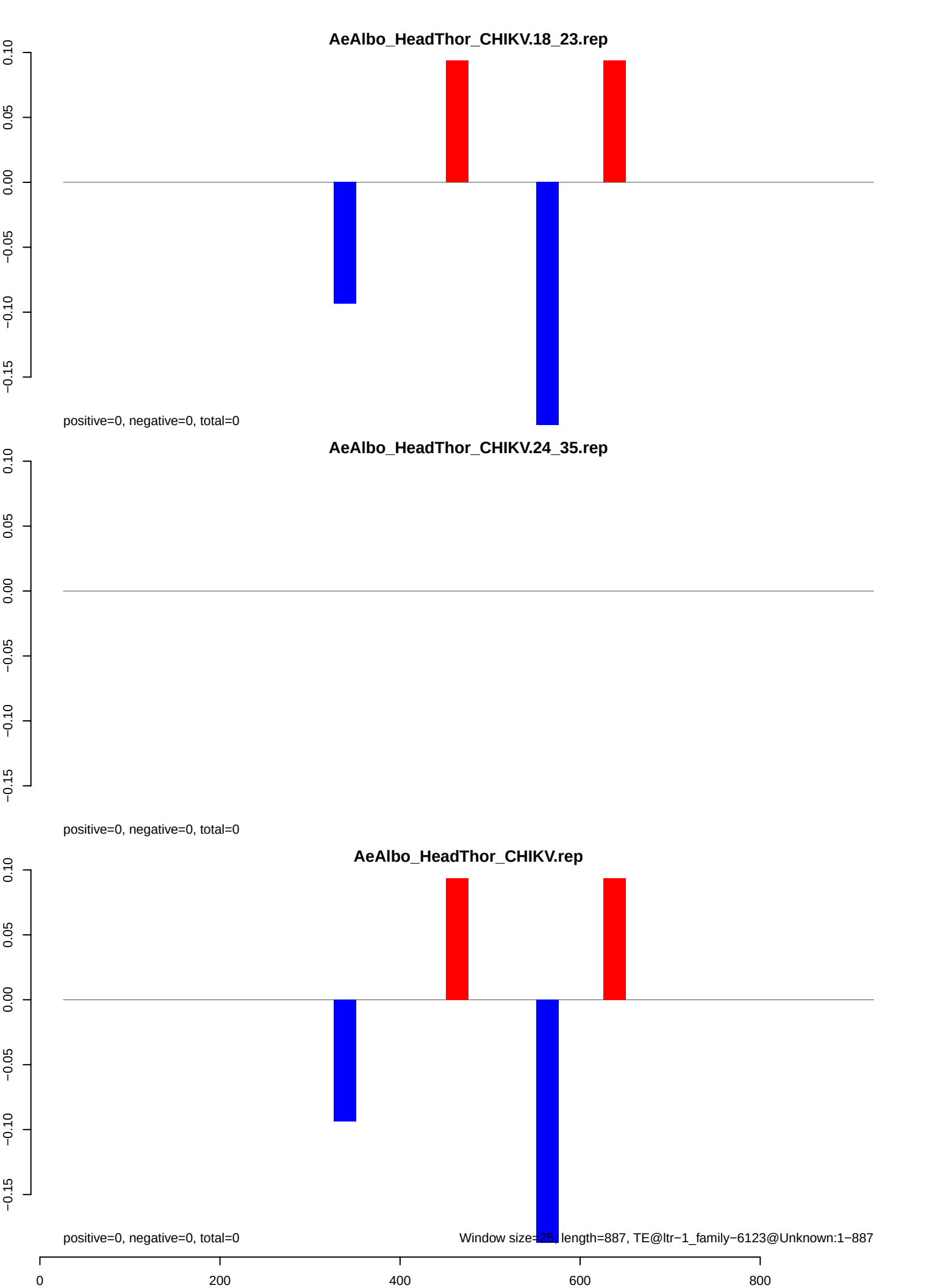

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=2362, TE@ltr−1_family−623@LINE_L2:1−2362
0
500
1000
1500
2000

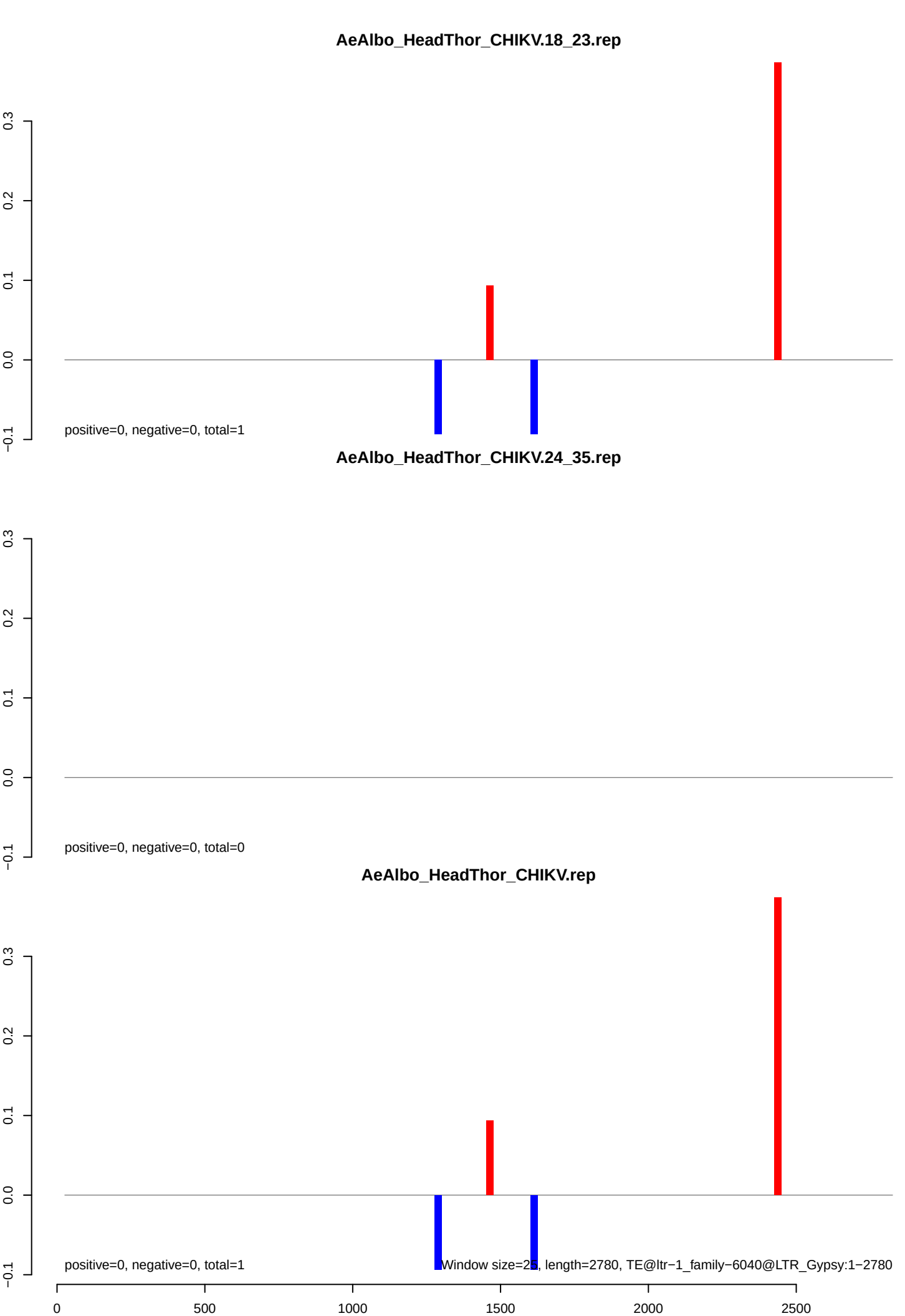

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

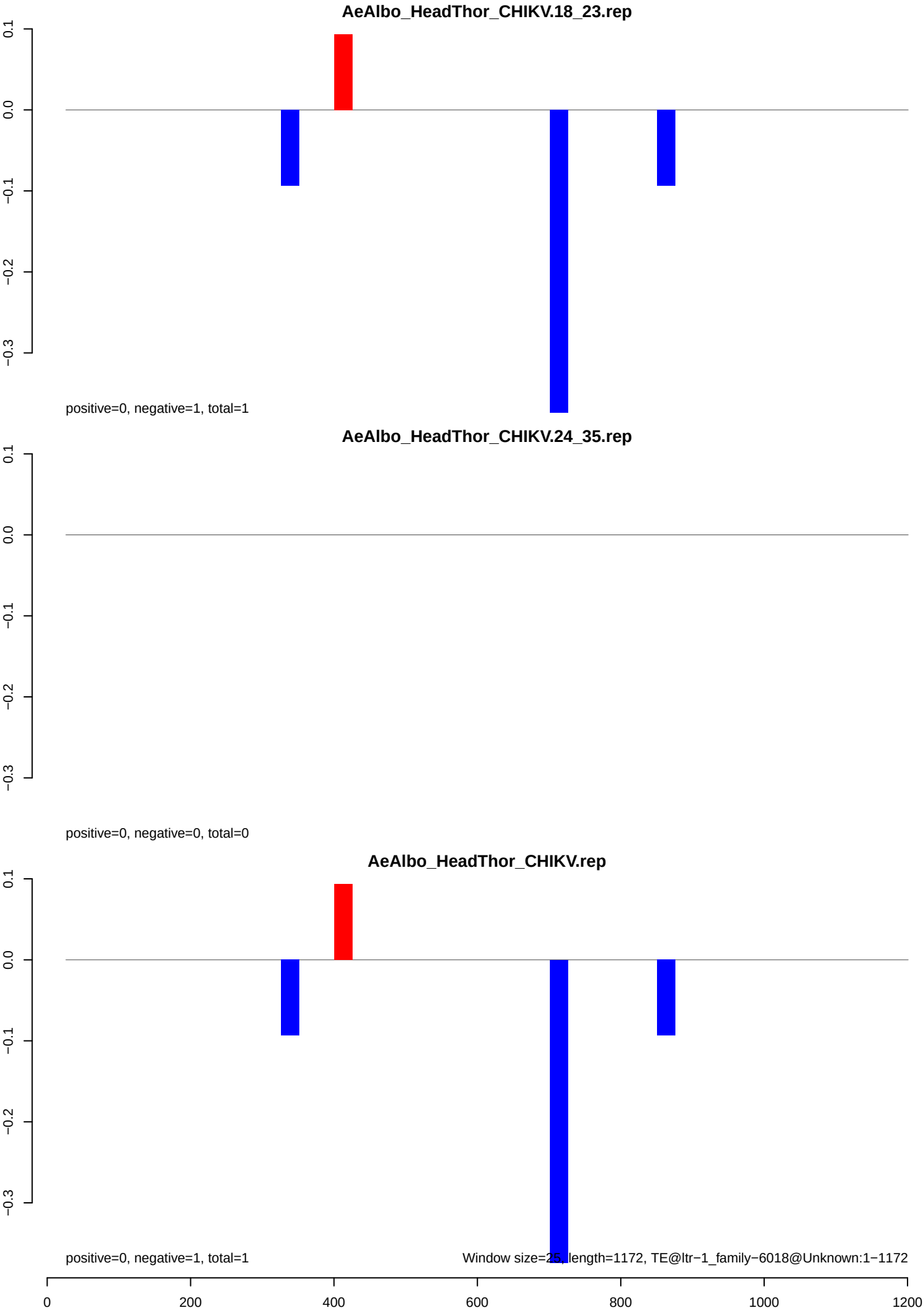

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

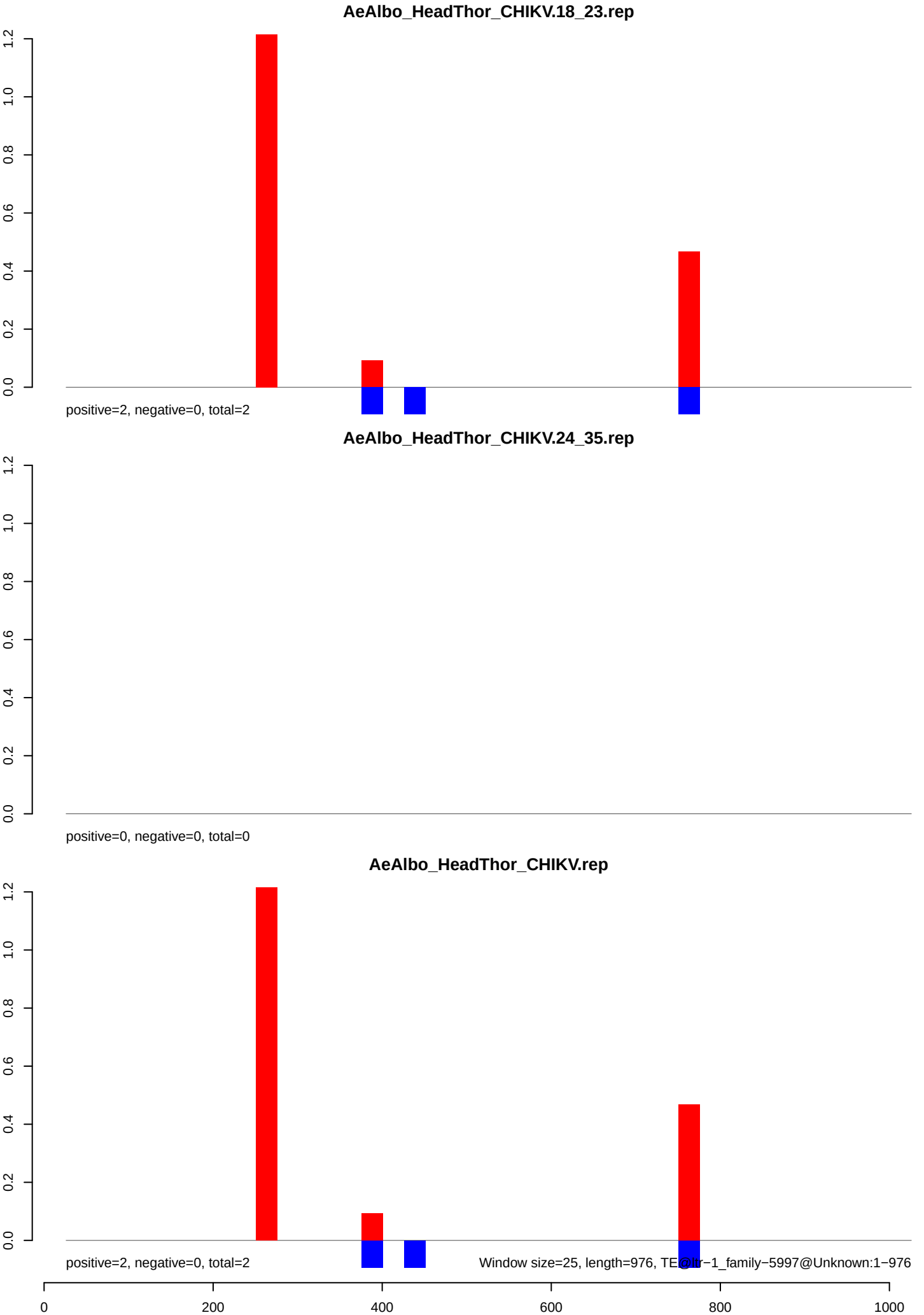

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=978, TE@ltr−1_family−6158@Unknown:1−978
0
200
400
600
800
1000

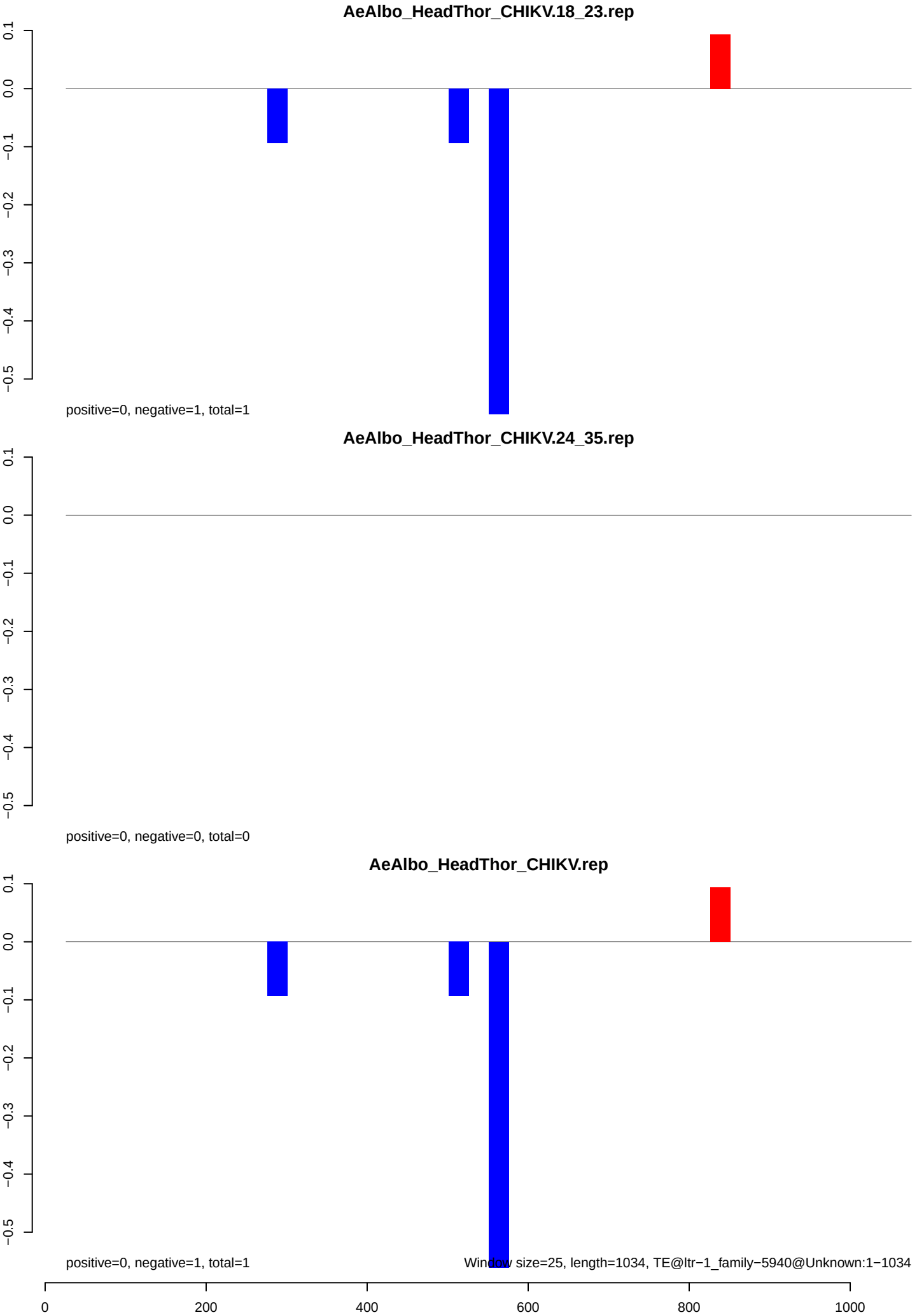

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=742, TE@ltr−1_family−614@Unknown:1−742
0
200
400
600
800

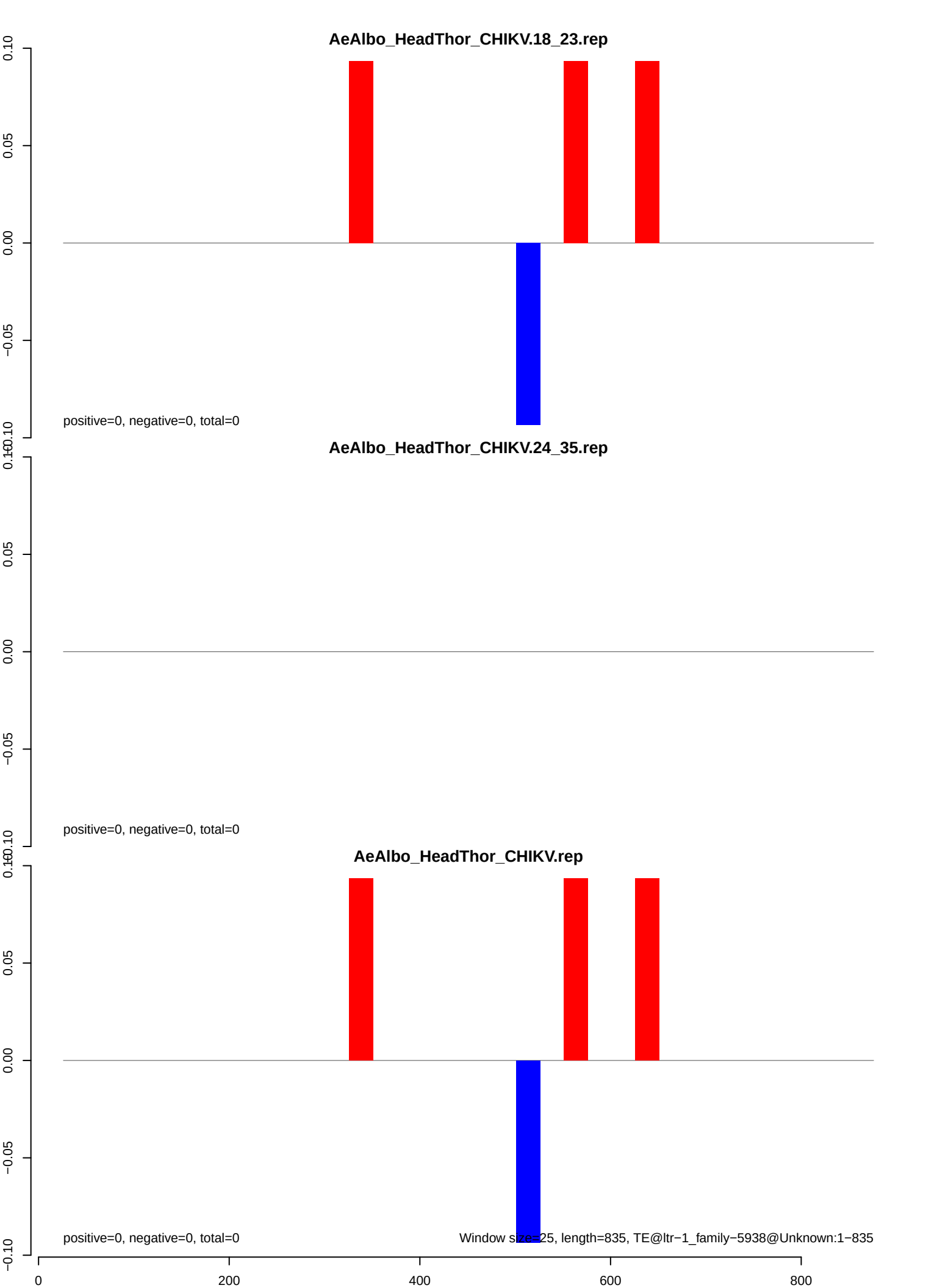

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=887, TE@ltr−1_family−6123@Unknown:1−887
0
200
400
600
800

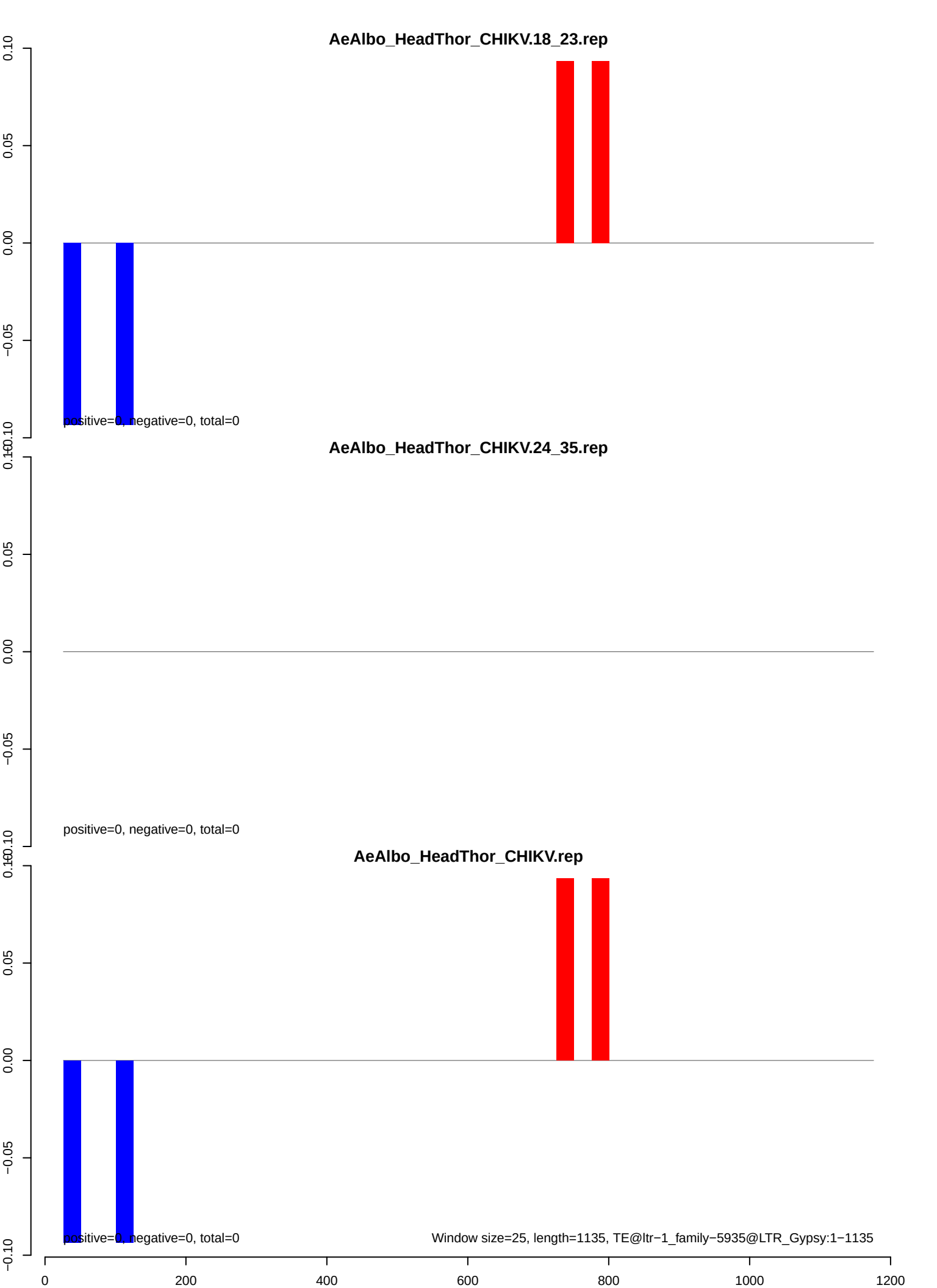

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=2780, TE@ltr−1_family−6040@LTR_Gypsy:1−2780
0
500
1000
1500
2000
2500

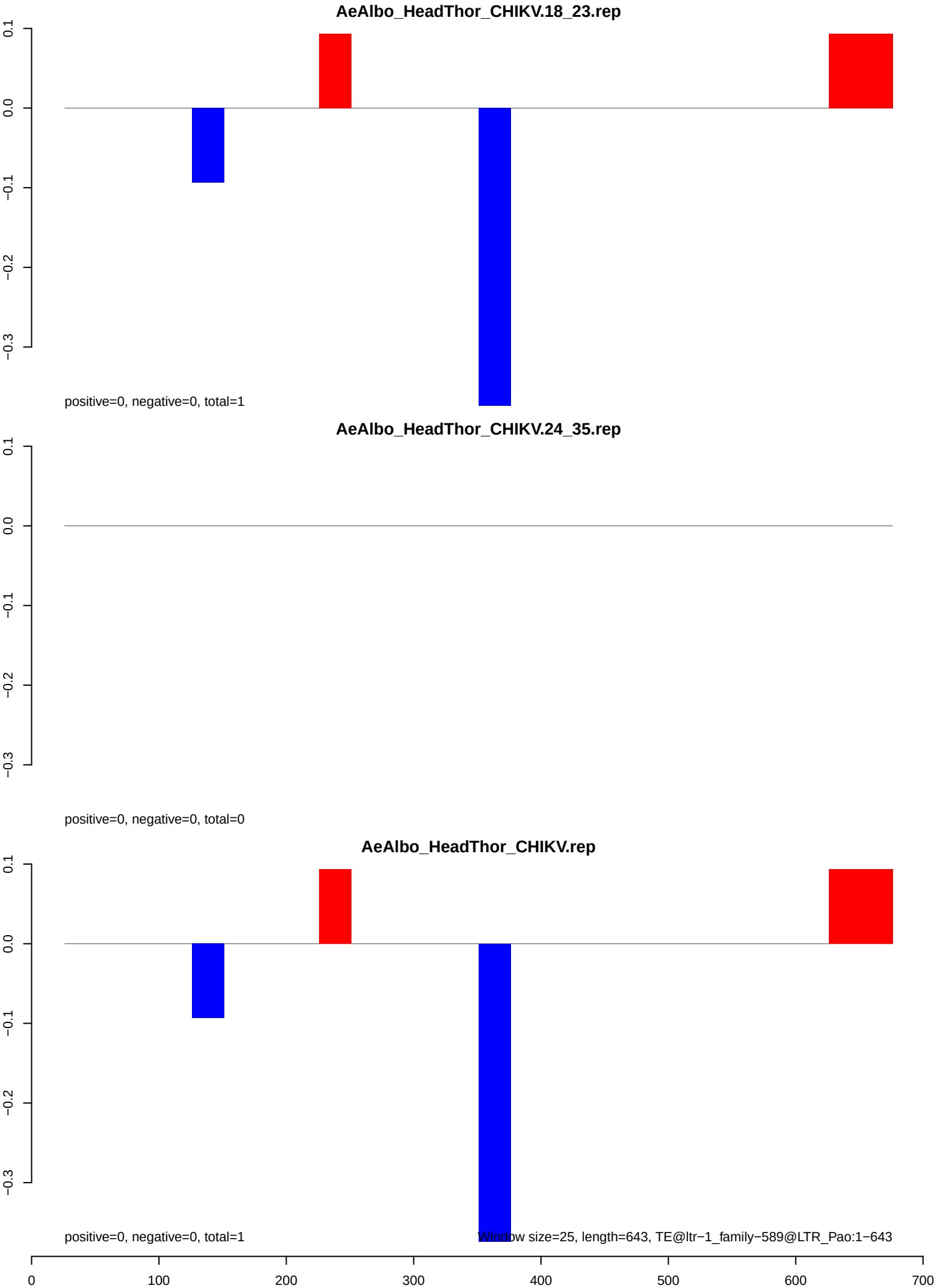

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=1172, TE@ltr−1_family−6018@Unknown:1−1172
0
200
400
600
800
1000
1200

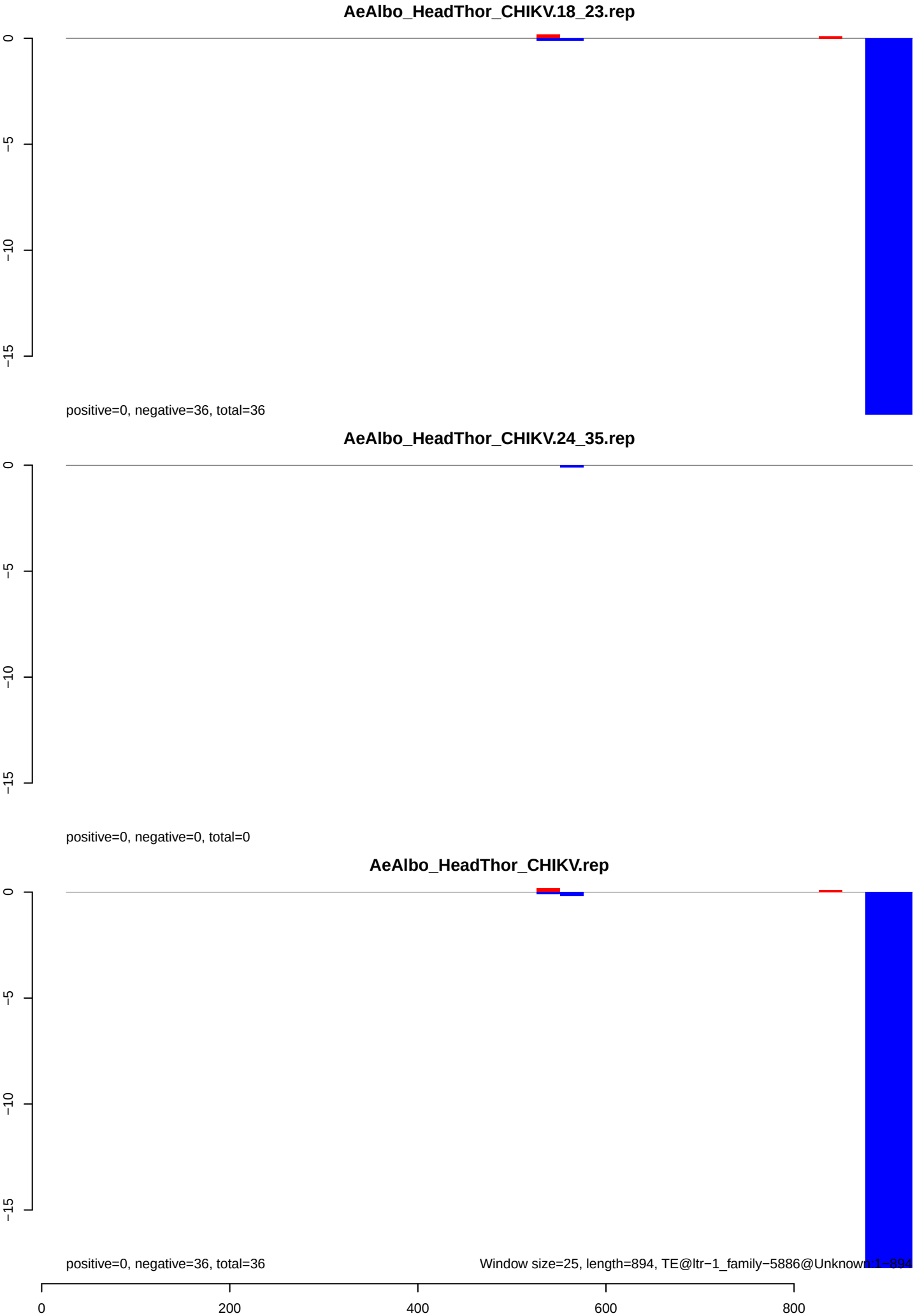

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=2, negative=0, total=2
Window size=25, length=976, TE@lr−1_family−5997@Unknown:1−976
0
200
400
600
800
1000

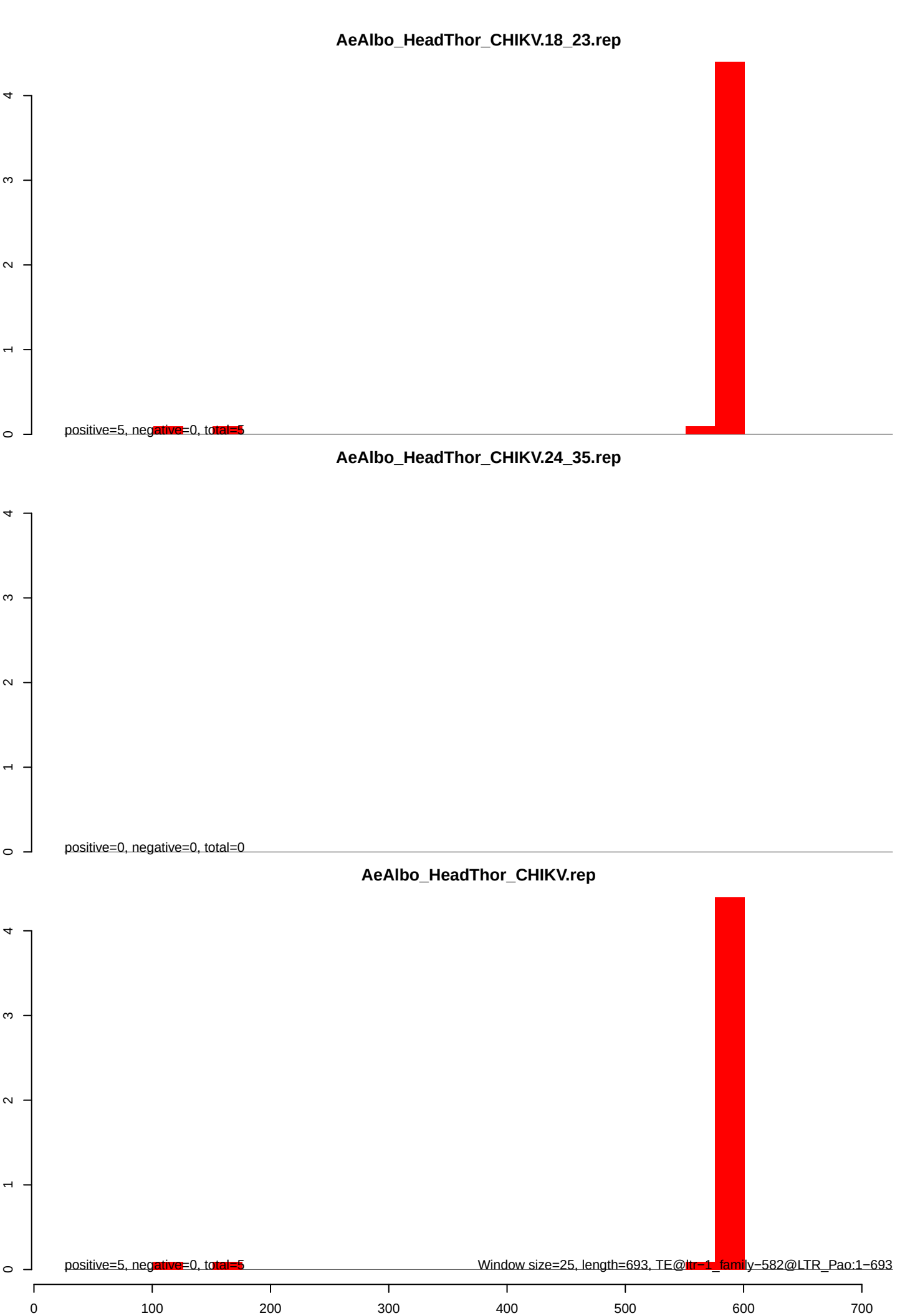

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=1034, TE@ltr−1_family−5940@Unknown:1−1034
0
200
400
600
800
1000

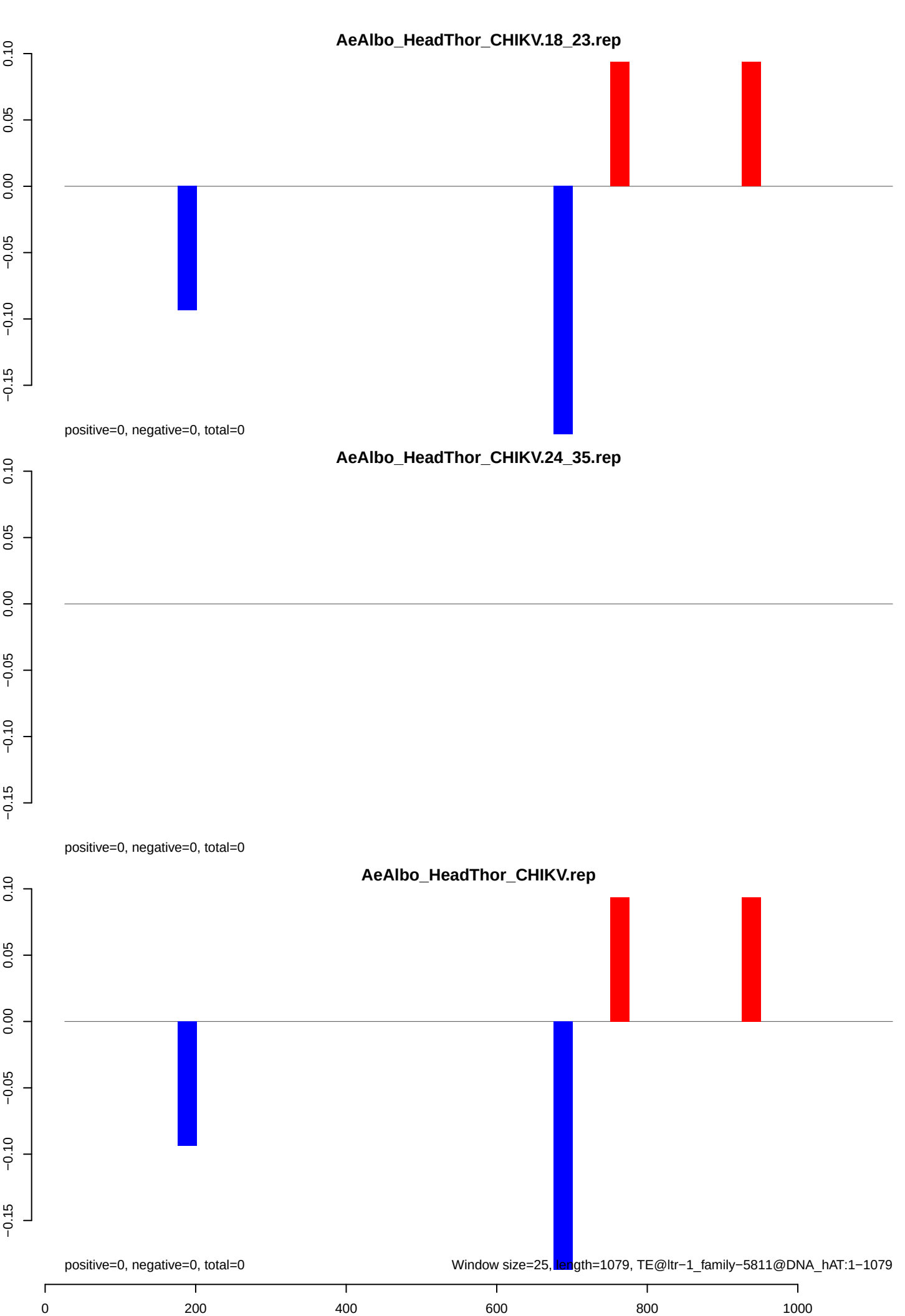

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=835, TE@ltr−1_family−5938@Unknown:1−835
0
200
400
600
800

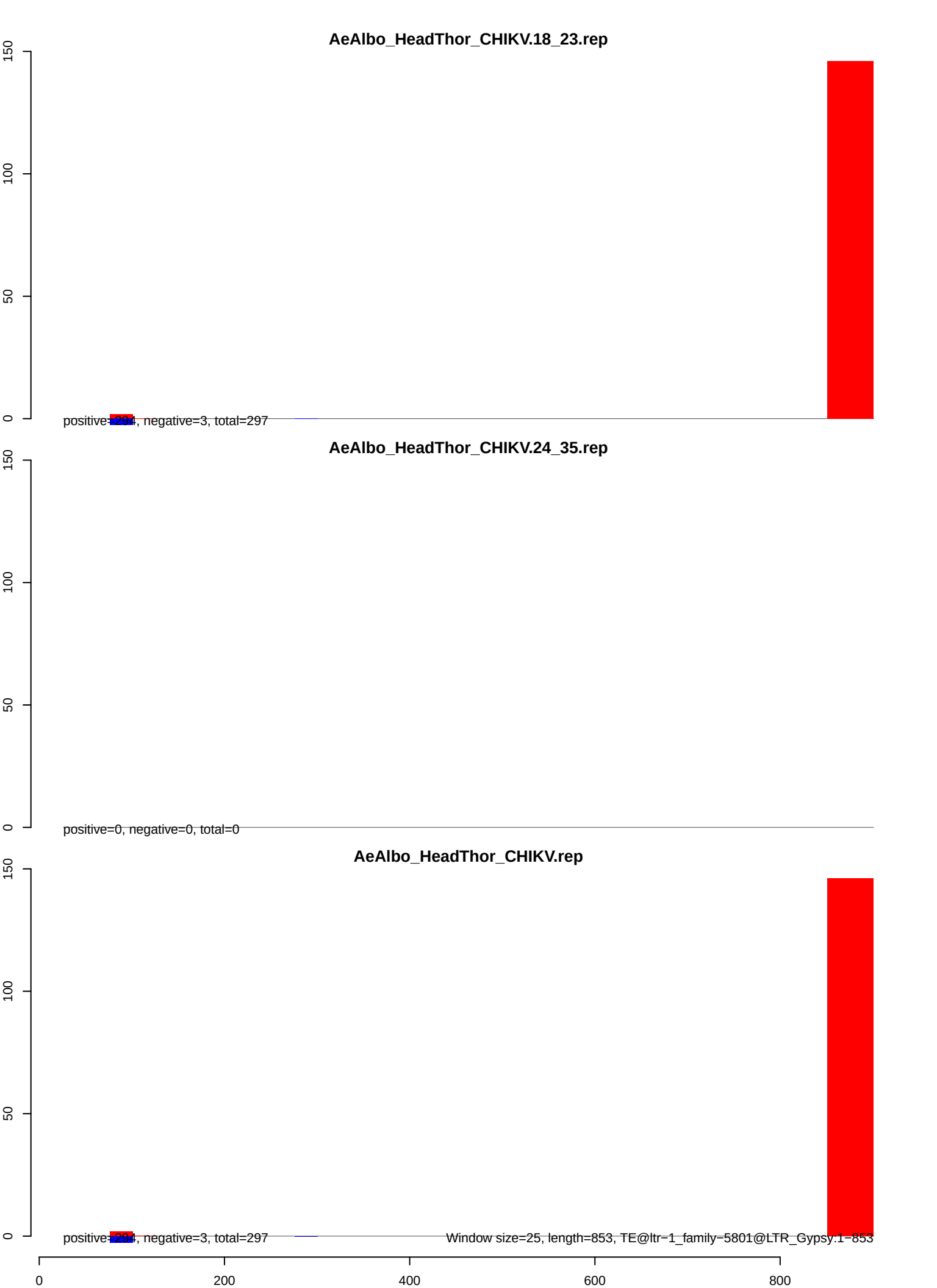

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1135, TE@ltr−1_family−5935@LTR_Gypsy:1−1135
0
200
400
600
800
1000
1200

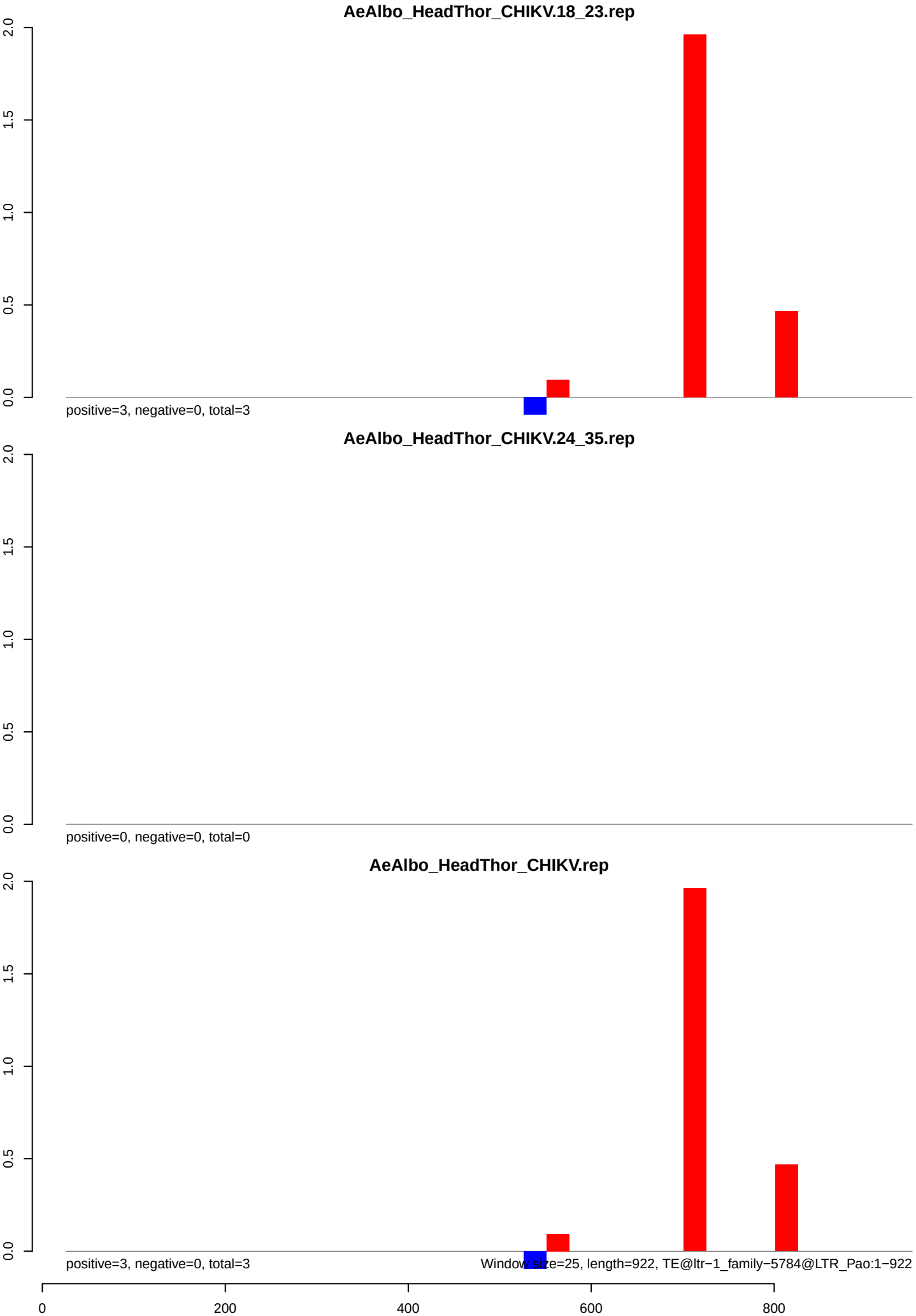

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
Window size=25, length=643, TE@ltr−1_family−589@LTR_Pao:1−643
0
100
200
300
400
500
600
700

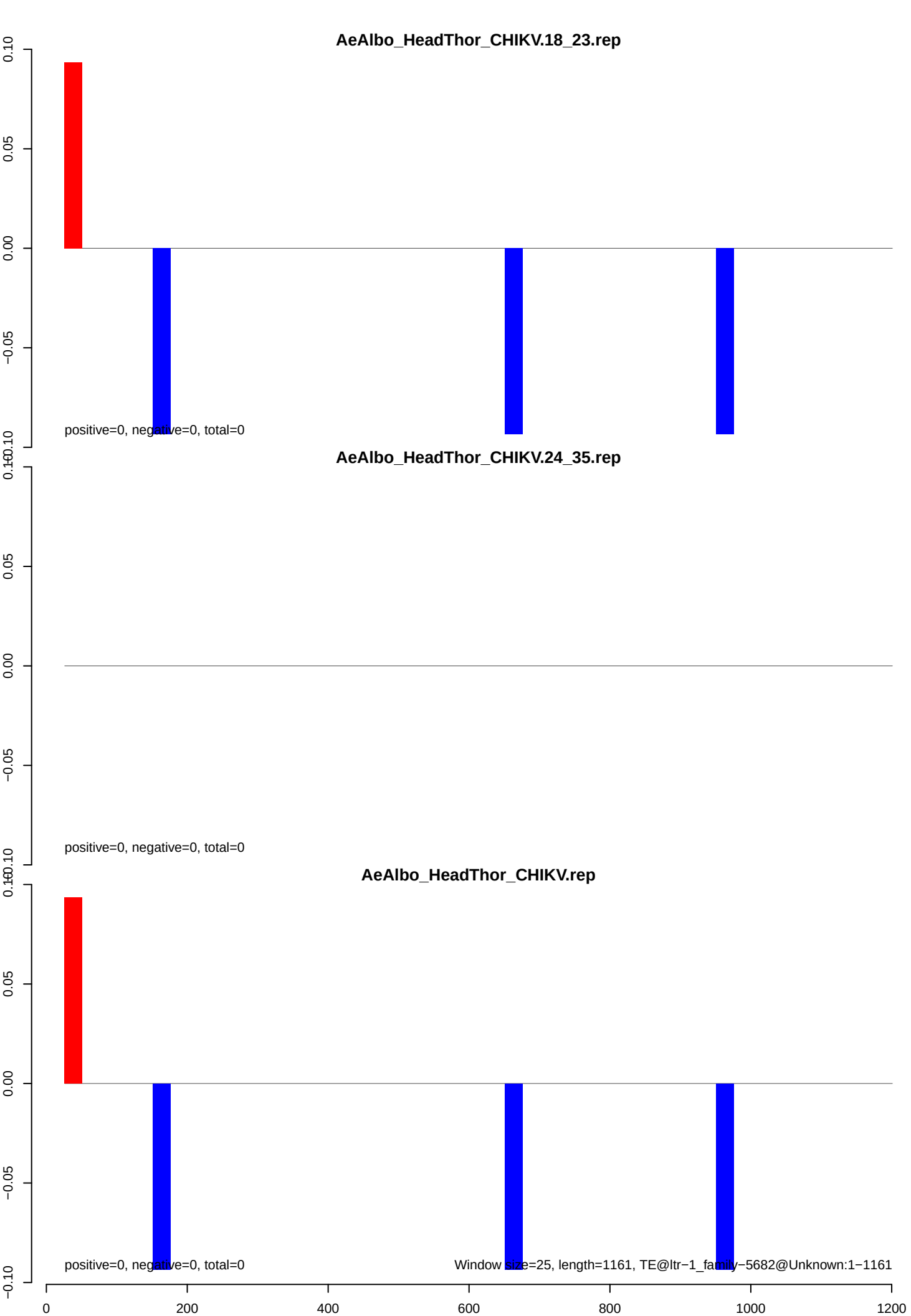

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=0, negative=36, total=36
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=36, total=36
Window size=25, length=894, TE@ltr−1_family−5886@Unknown:1−894
0
200
400
600
800

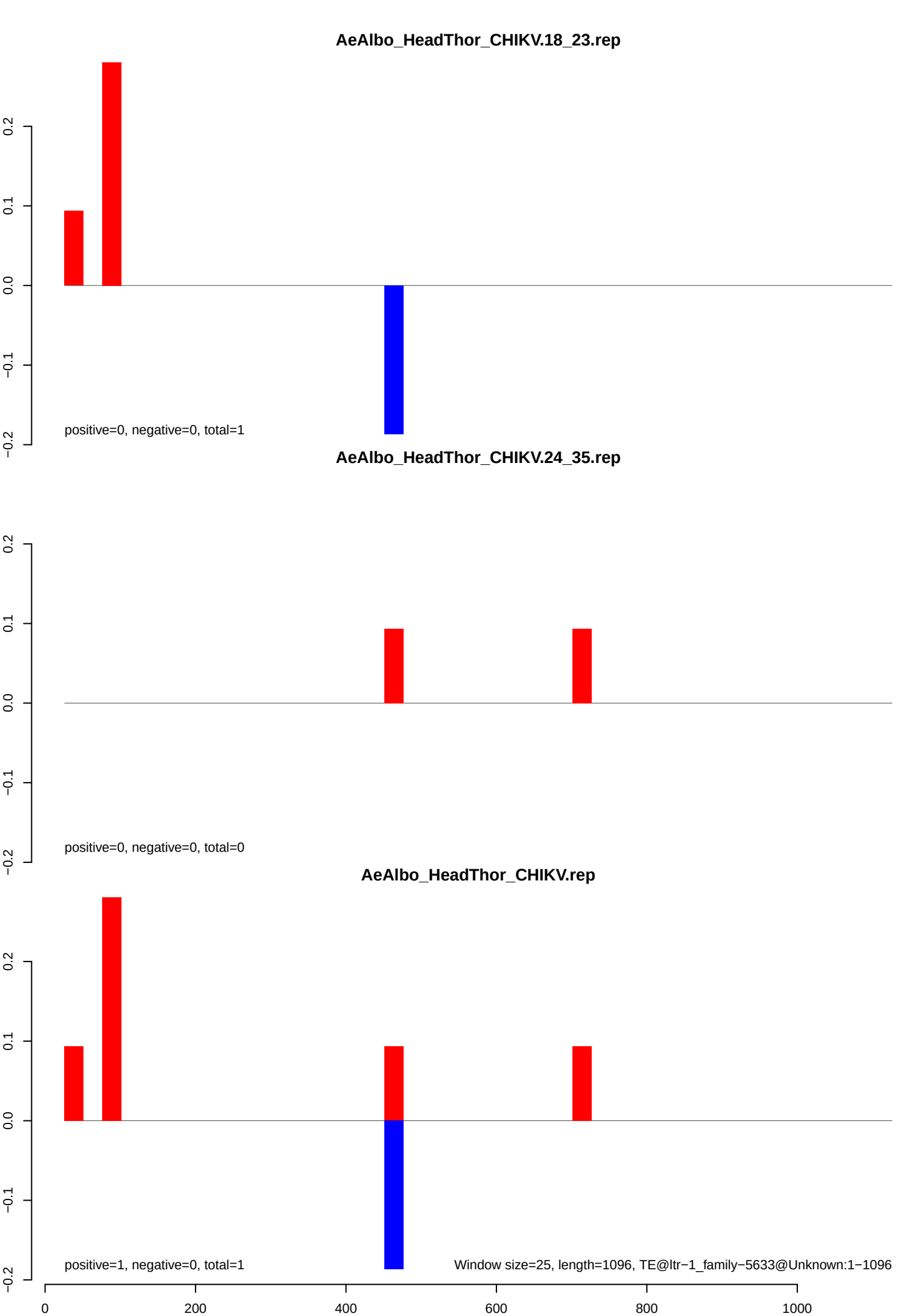

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=5, negative=0, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=5, negative=0, total=5
Window size=25, length=693, TE@ltr-1_family-582@LTR_Pao:1-693
0
100
200
300
400
500
600
700

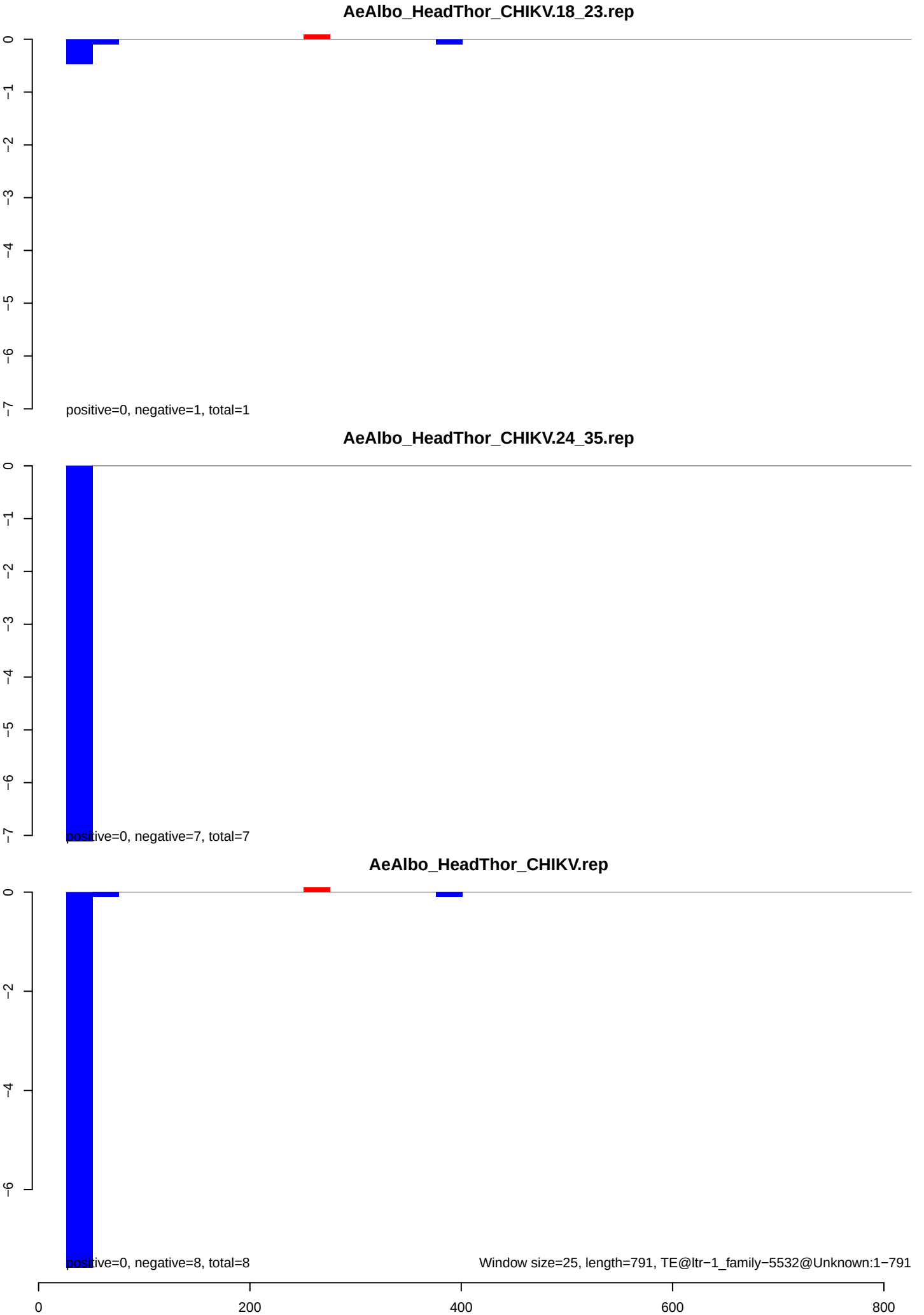

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1079, TE@ltr−1_family−5811@DNA_hAT:1−1079
0
200
400
600
800
1000

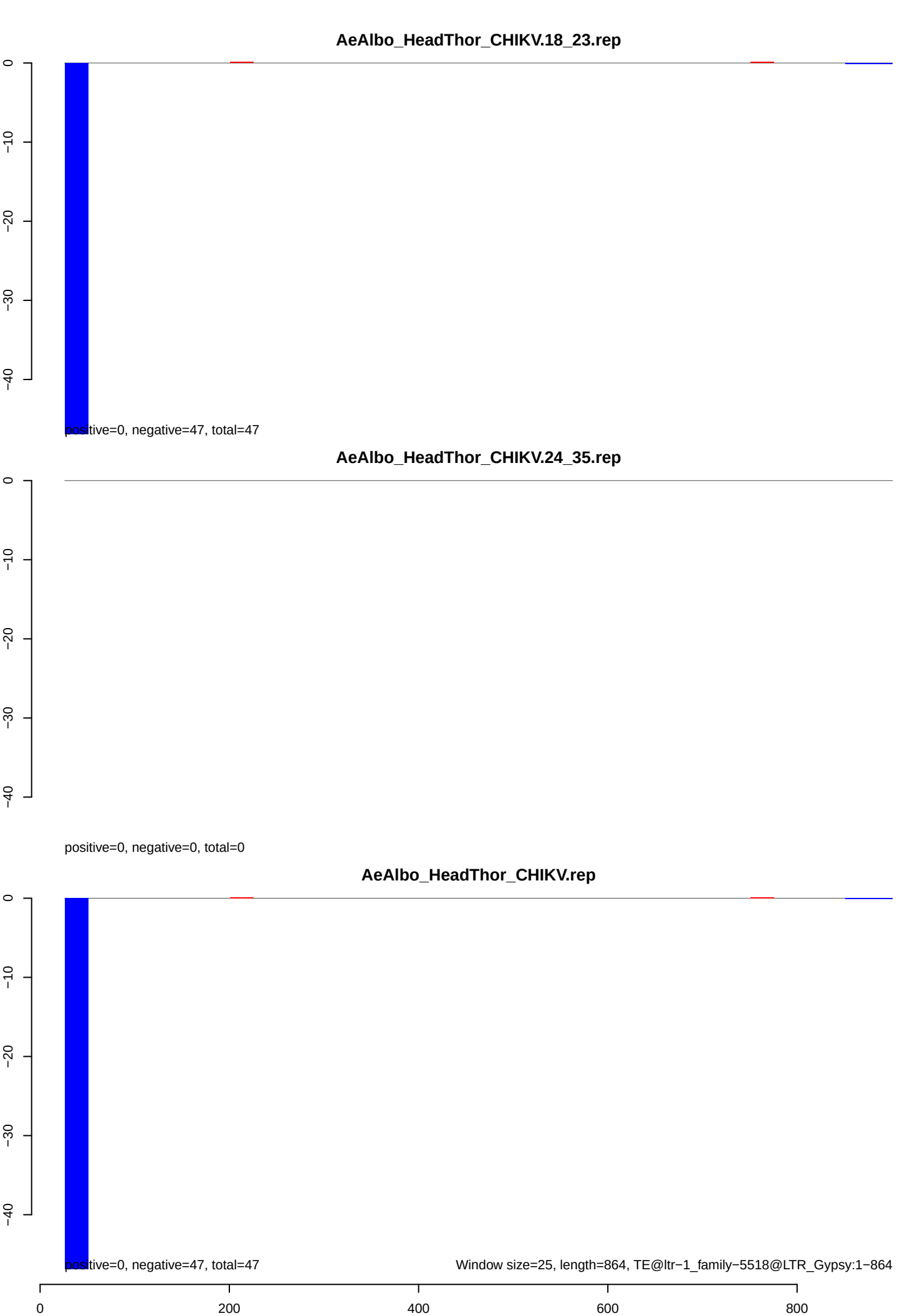

AeAlbo_HeadThor_CHIKV.18_23.rep
150
100
50
0
positive=294, negative=3, total=297
AeAlbo_HeadThor_CHIKV.24_35.rep
150
100
50
0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
150
100
50
0
positive=294, negative=3, total=297
Window size=25, length=853, TE@ltr−1_family−5801@LTR_Gypsy:1−853
0
200
400
600
800

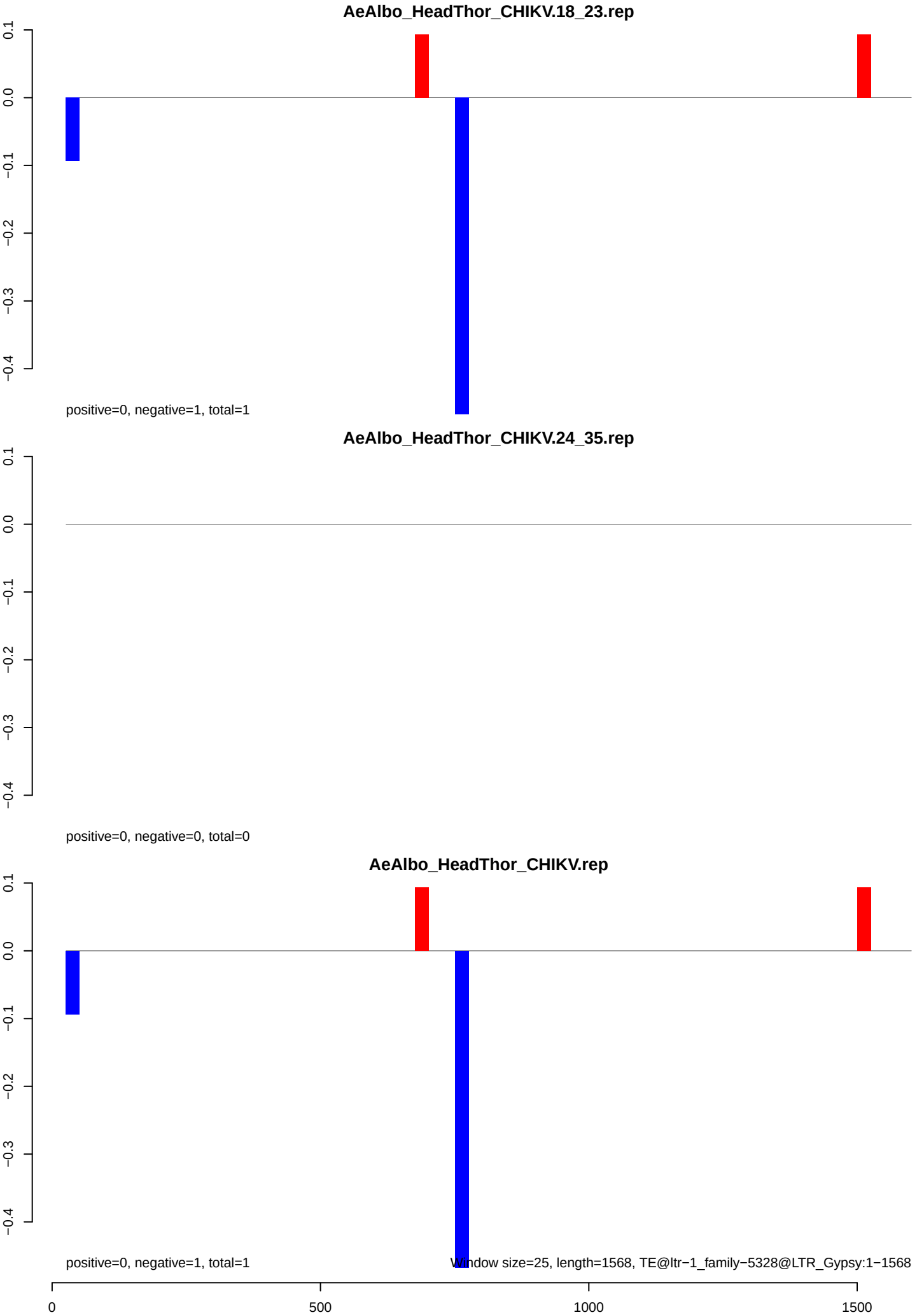

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3
Window size=25, length=922, TE@ltr−1_family−5784@LTR_Pao:1−922
0
200
400
600
800

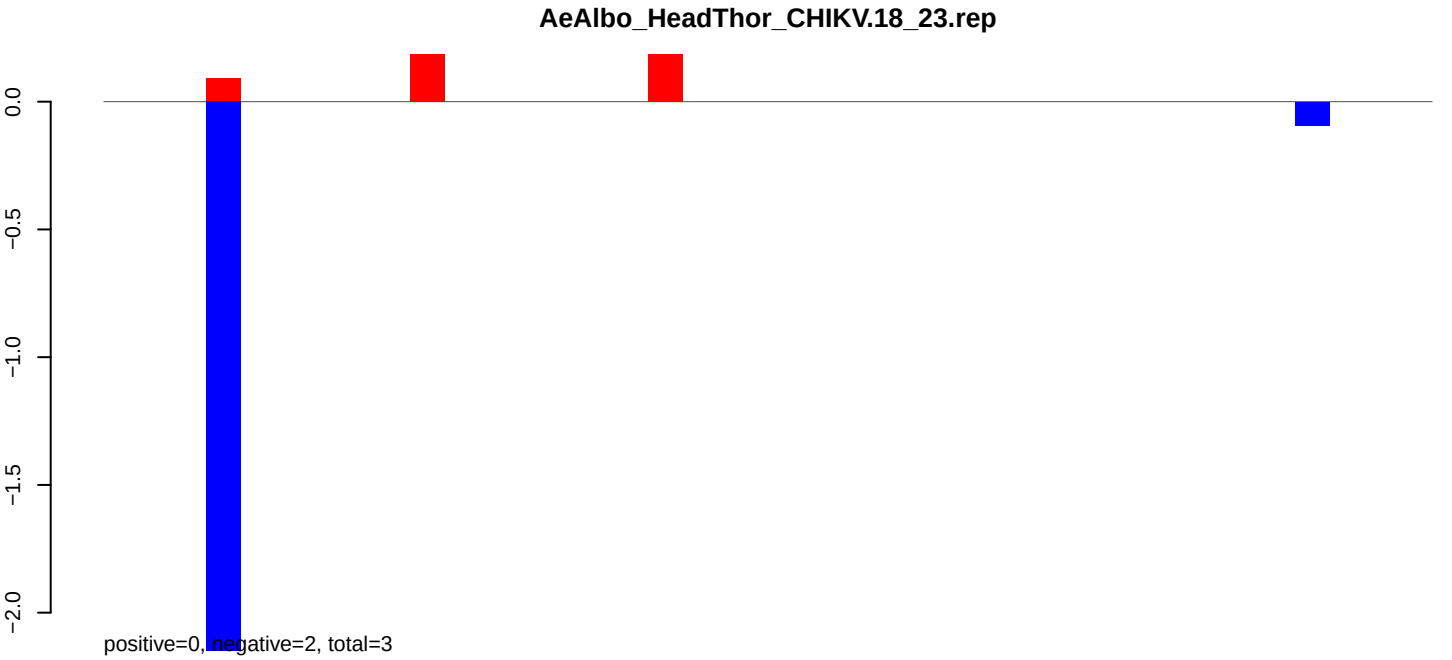

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1161, TE@ltr−1_family−5682@Unknown:1−1161
0
200
400
600
800
1000
1200

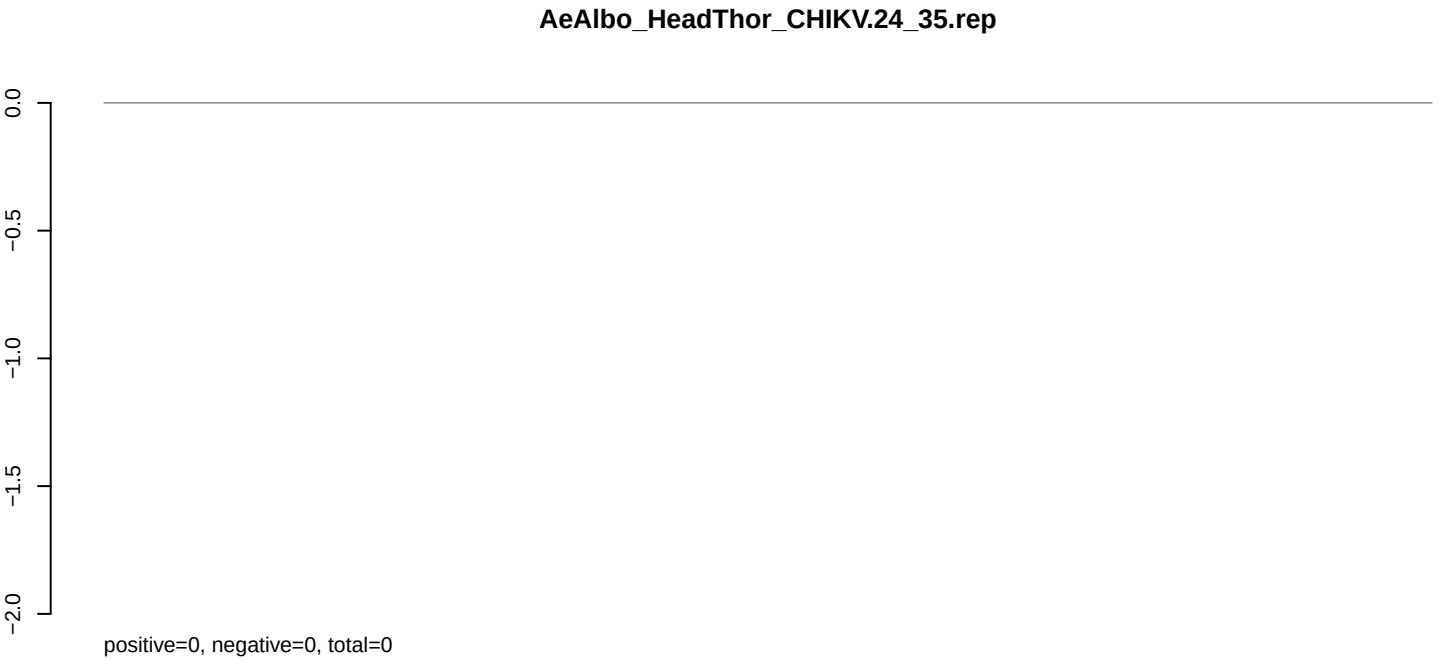

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=1096, TE@ltr−1_family−5633@Unknown:1−1096
0
200
400
600
800
1000

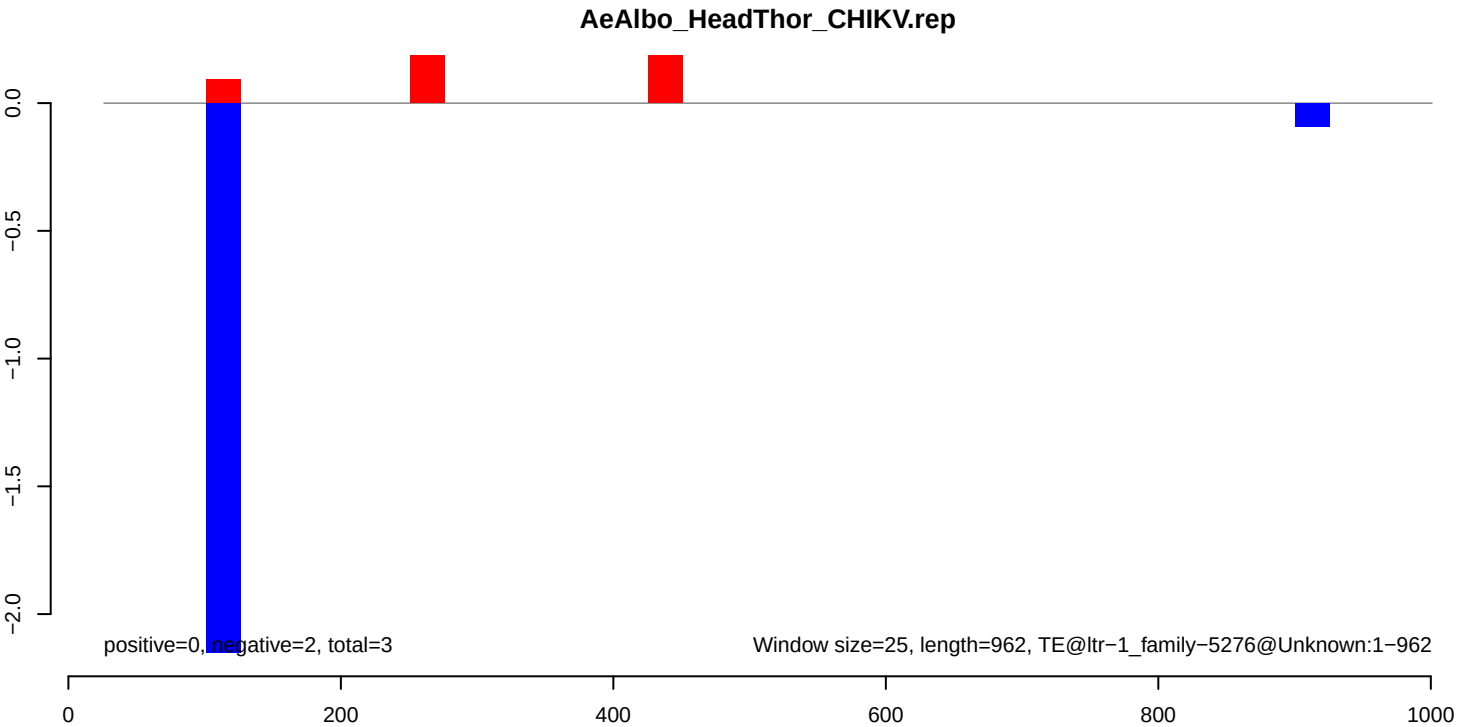

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
−6
−7
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
−6
−7
positive=0, negative=7, total=7
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
positive=0, negative=8, total=8
Window size=25, length=791, TE@ltr−1_family−5532@Unknown:1−791
0
200
400
600
800

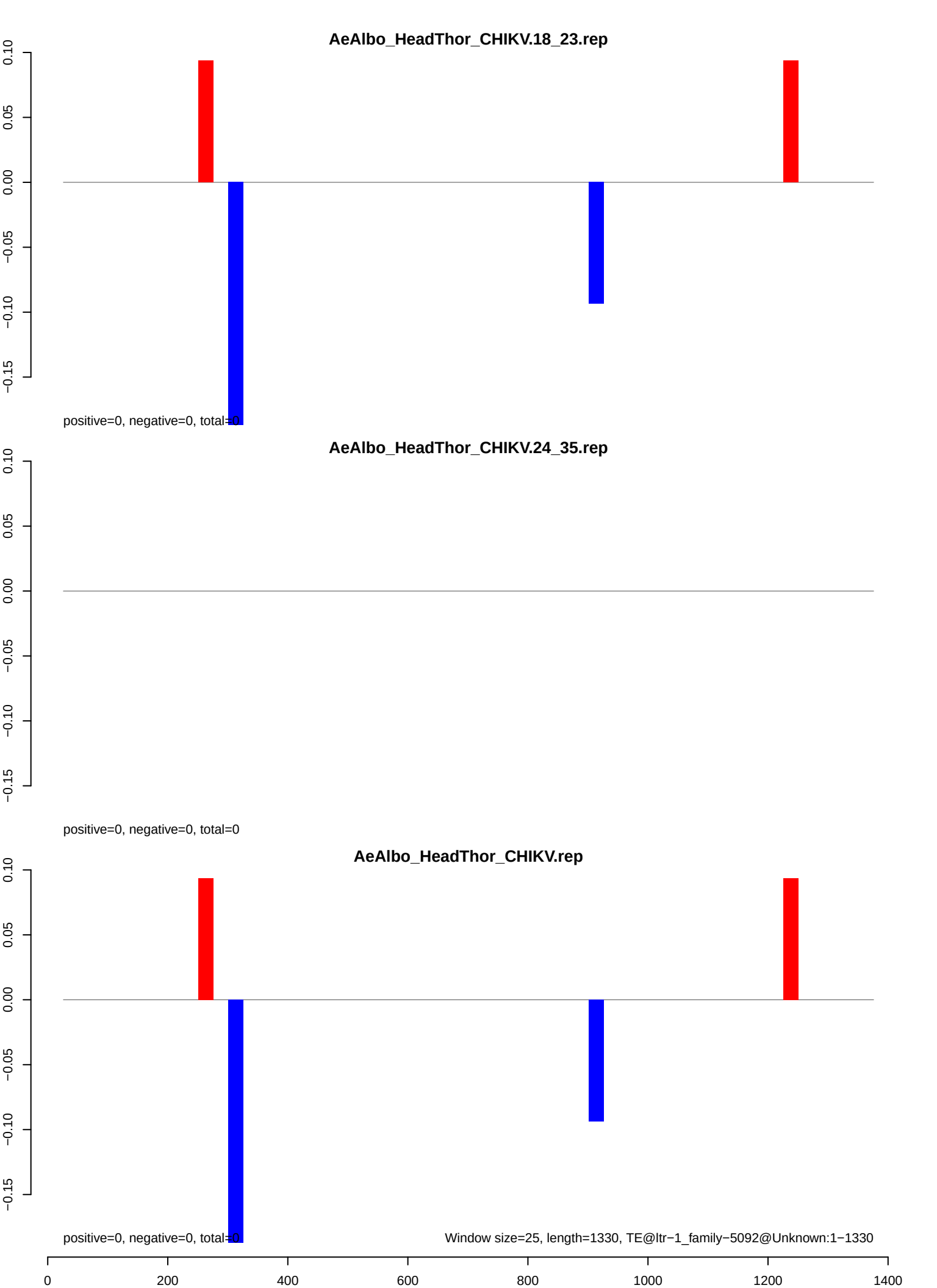

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=0, negative=47, total=47
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=0, negative=47, total=47
Window size=25, length=864, TE@ltr−1_family−5518@LTR_Gypsy:1−864
0
200
400
600
800

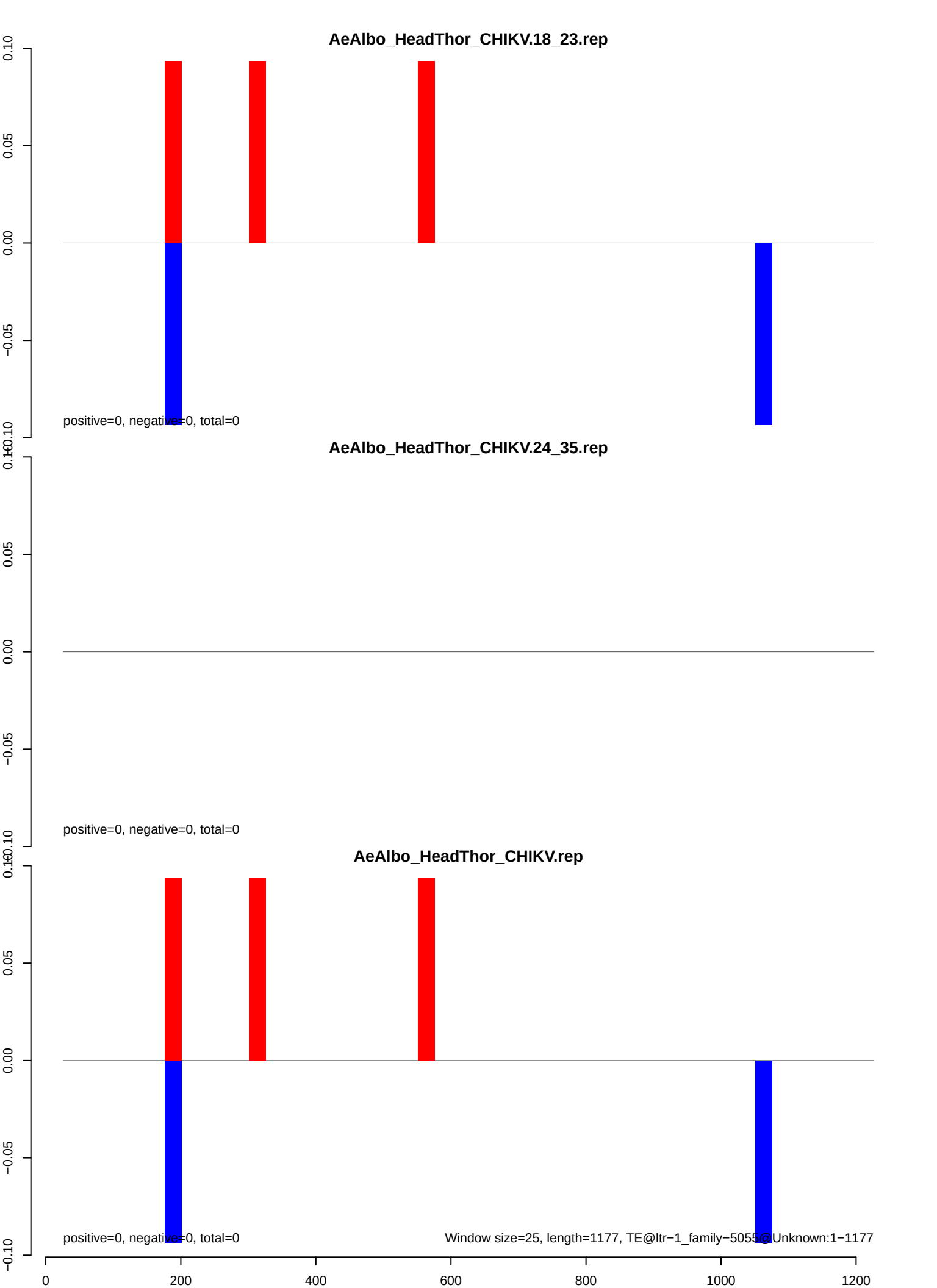

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1568, TE@ltr−1_family−5328@LTR_Gypsy:1−1568
0
500
1000
1500

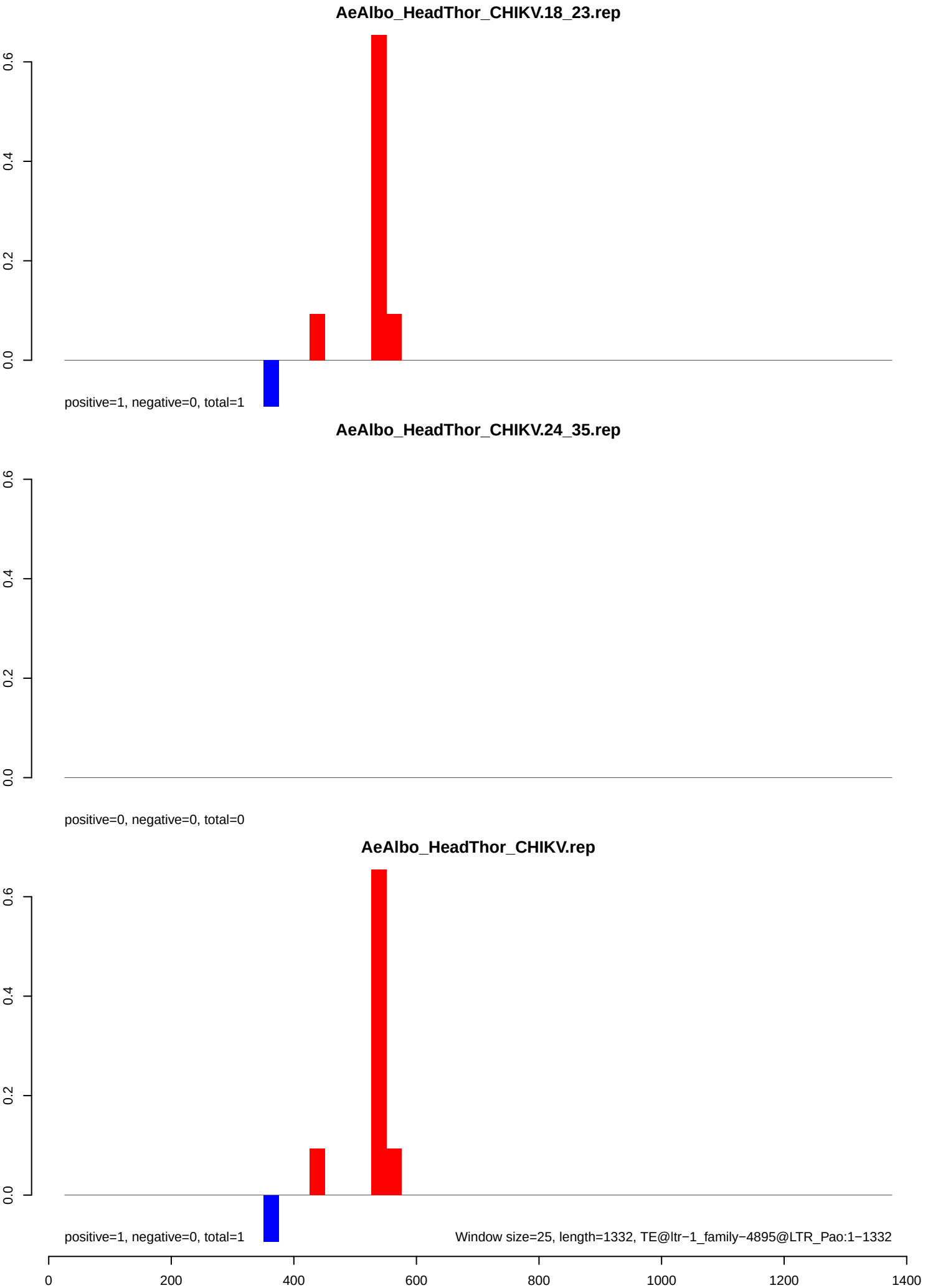

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=3

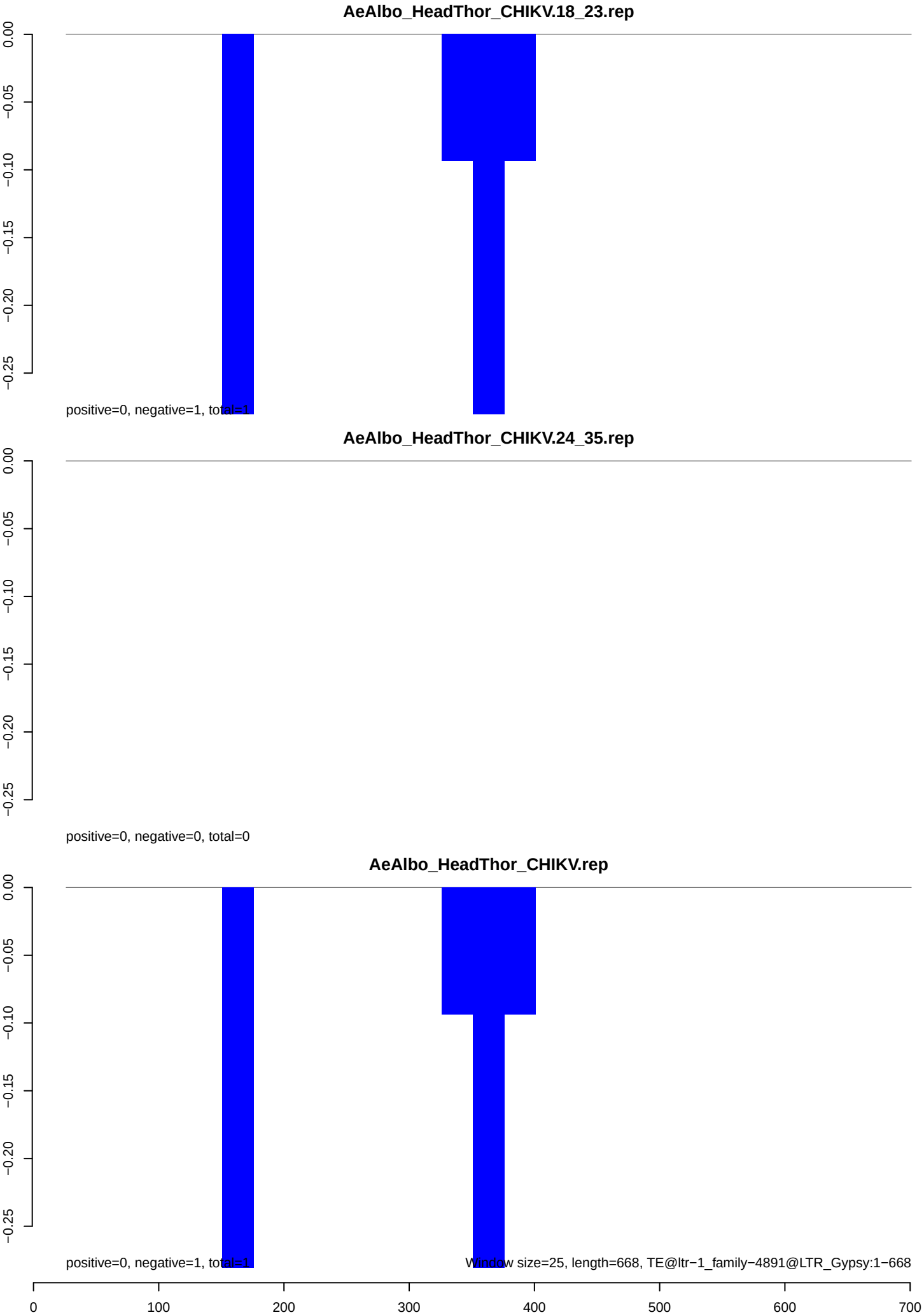

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0

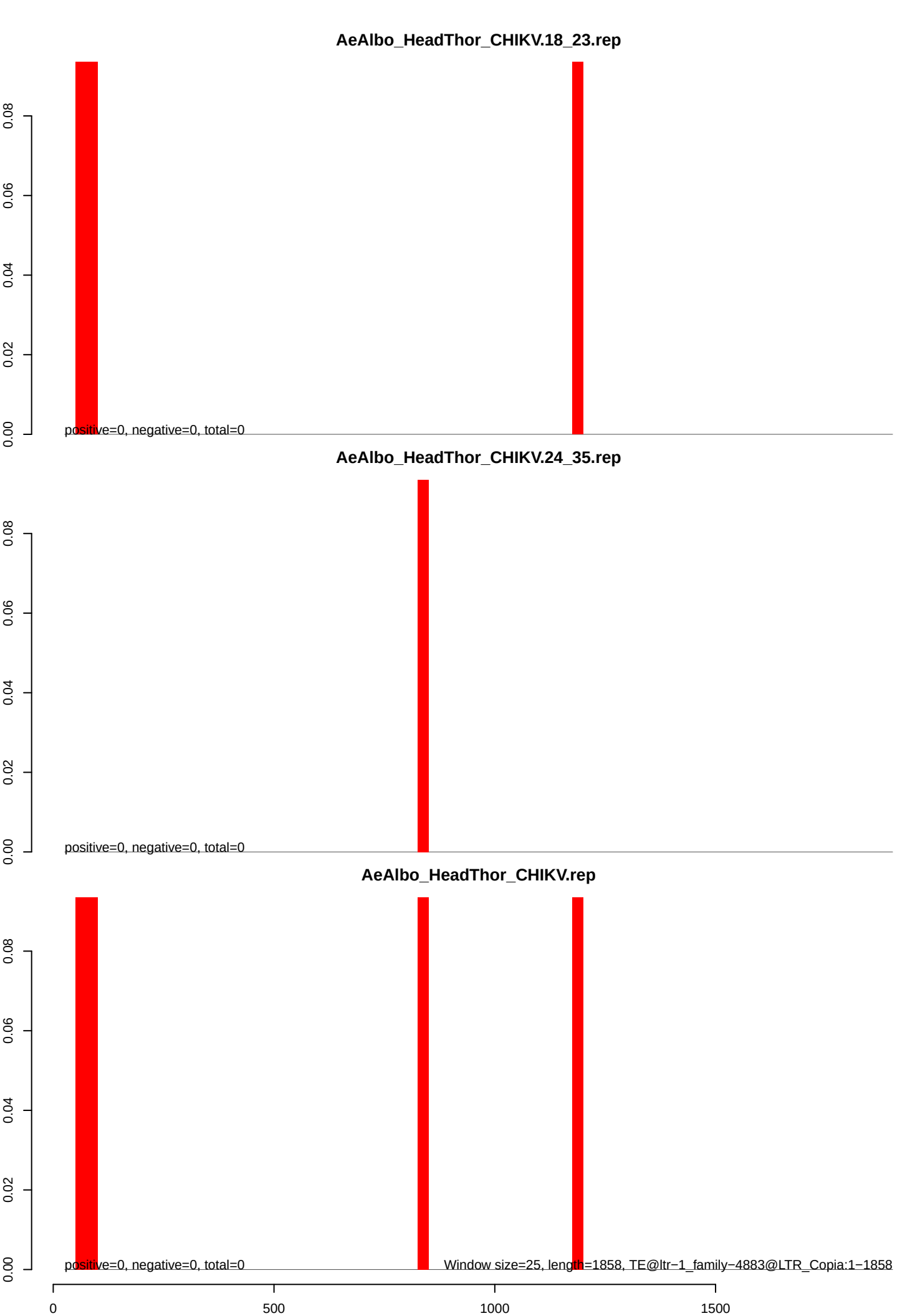

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=3
Window size=25, length=962, TE@ltr−1_family−5276@Unknown:1−962
0
200
400
600
800
1000

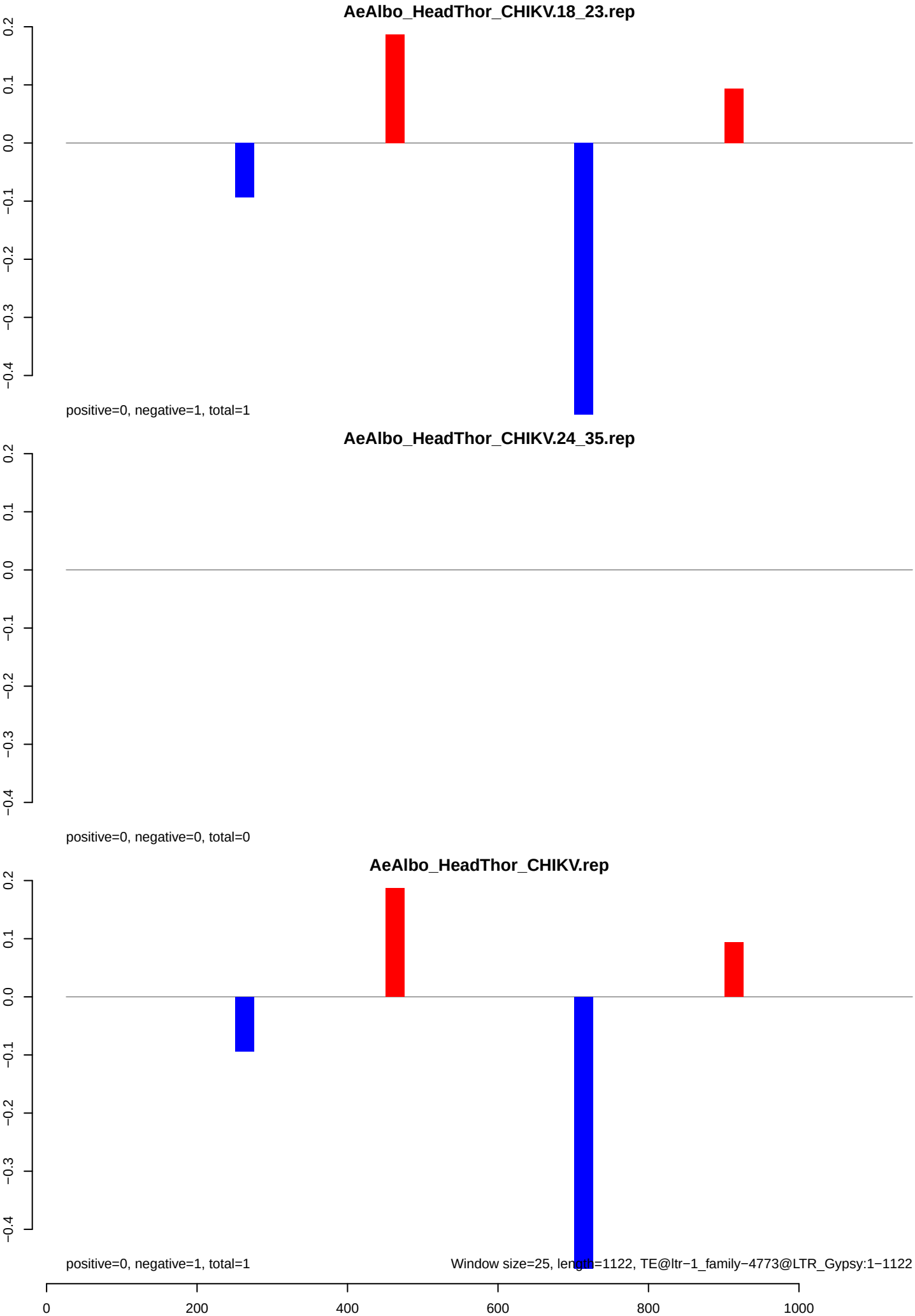

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1330, TE@ltr−1_family−5092@Unknown:1−1330
0
200
400
600
800
1000
1200
1400

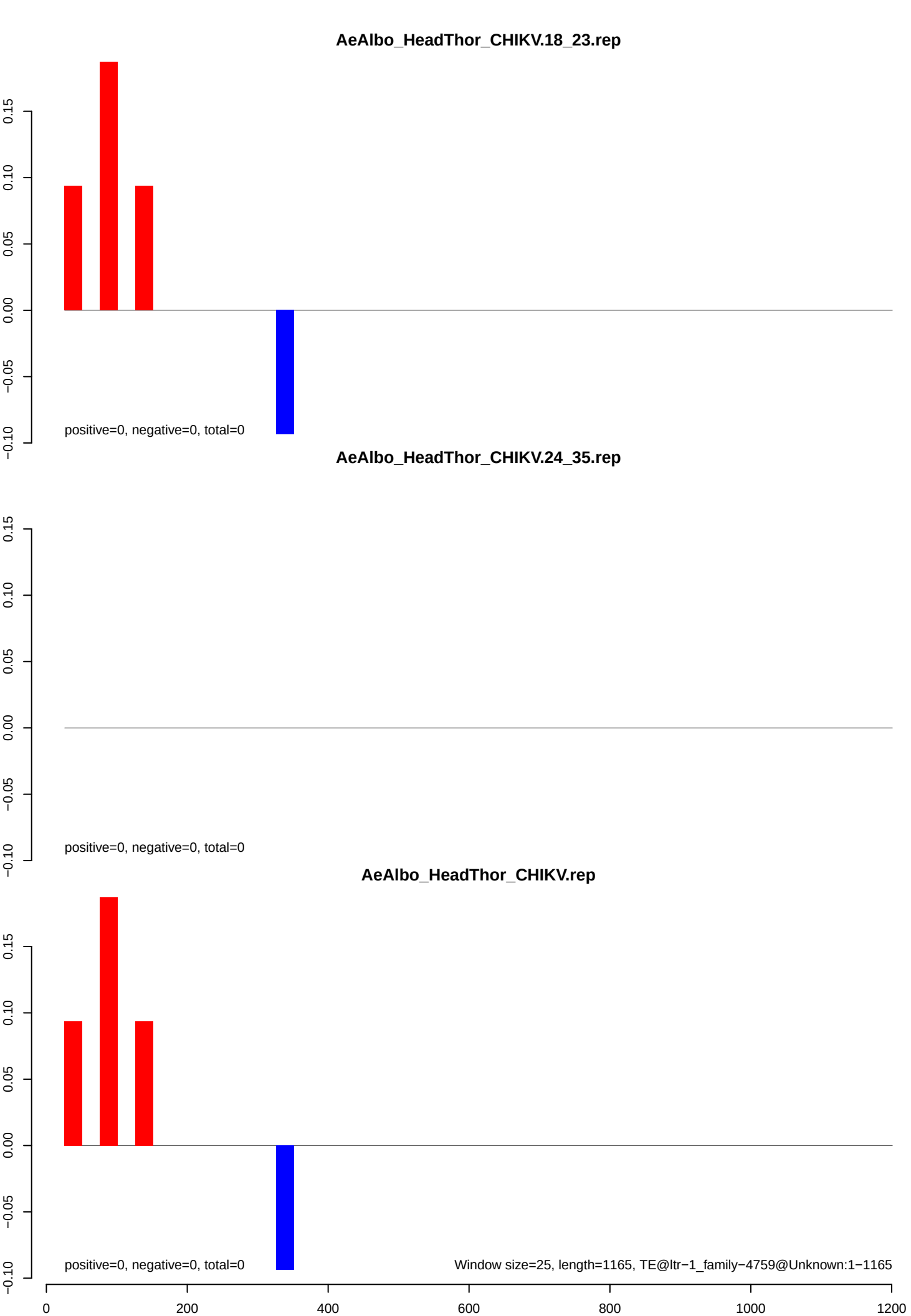

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1177, TE@ltr−1_family−5055@Unknown:1−1177
0
200
400
600
800
1000
1200

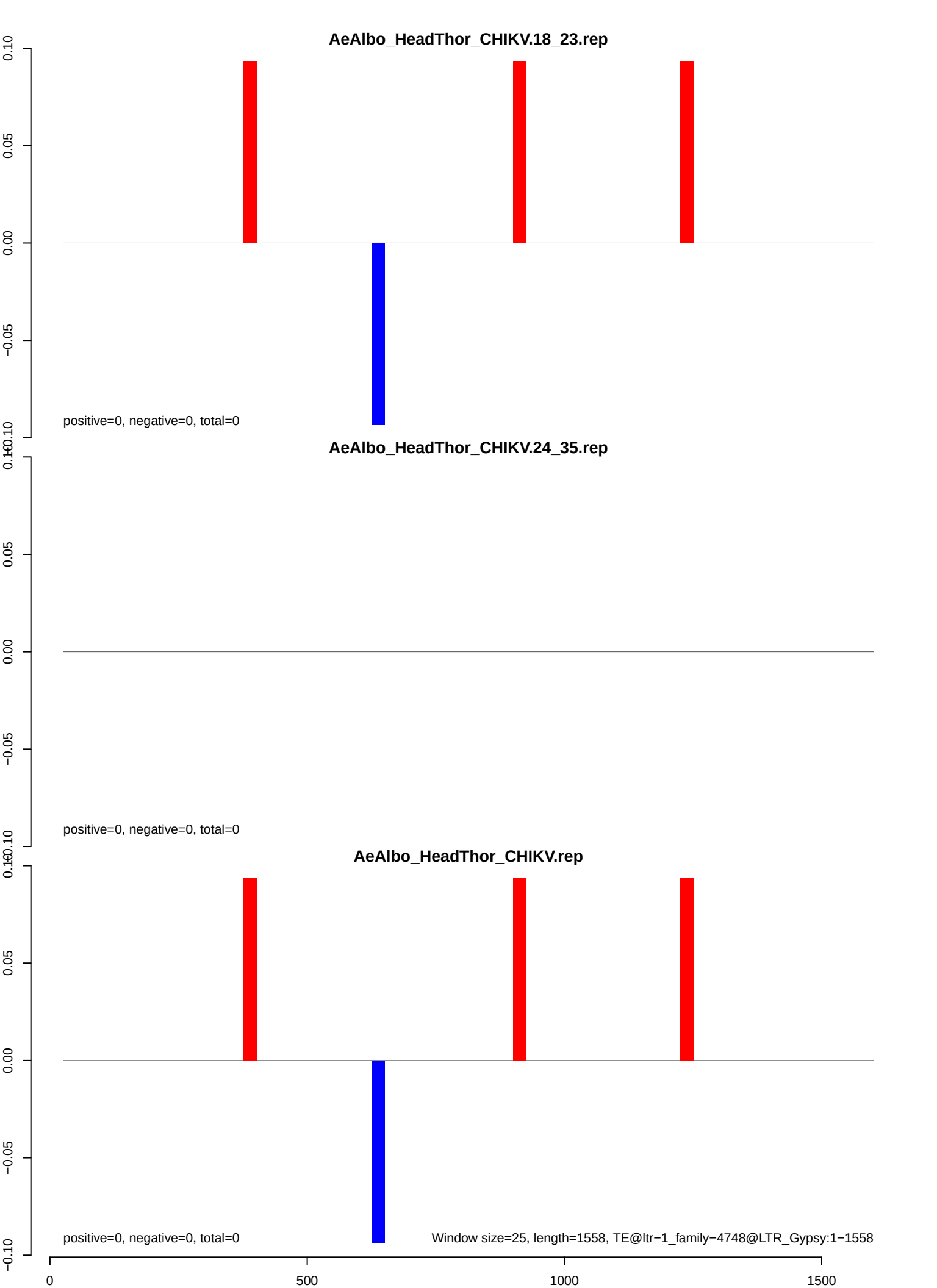

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=1332, TE@ltr−1_family−4895@LTR_Pao:1−1332
0
200
400
600
800
1000
1200
1400

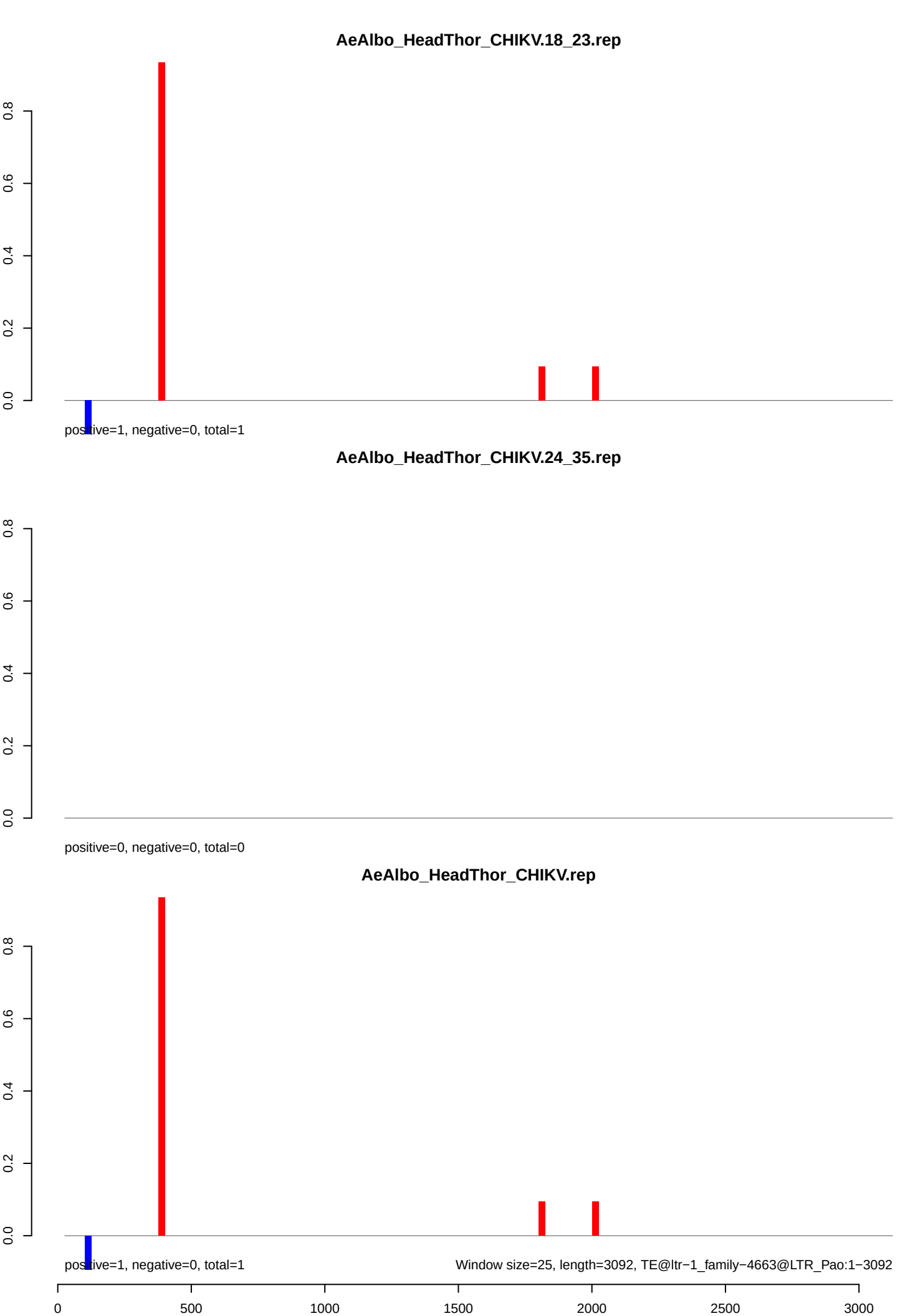

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=1, total=1
Window size=25, length=668, TE@ltr−1_family−4891@LTR_Gypsy:1−668
0
100
200
300
400
500
600
700

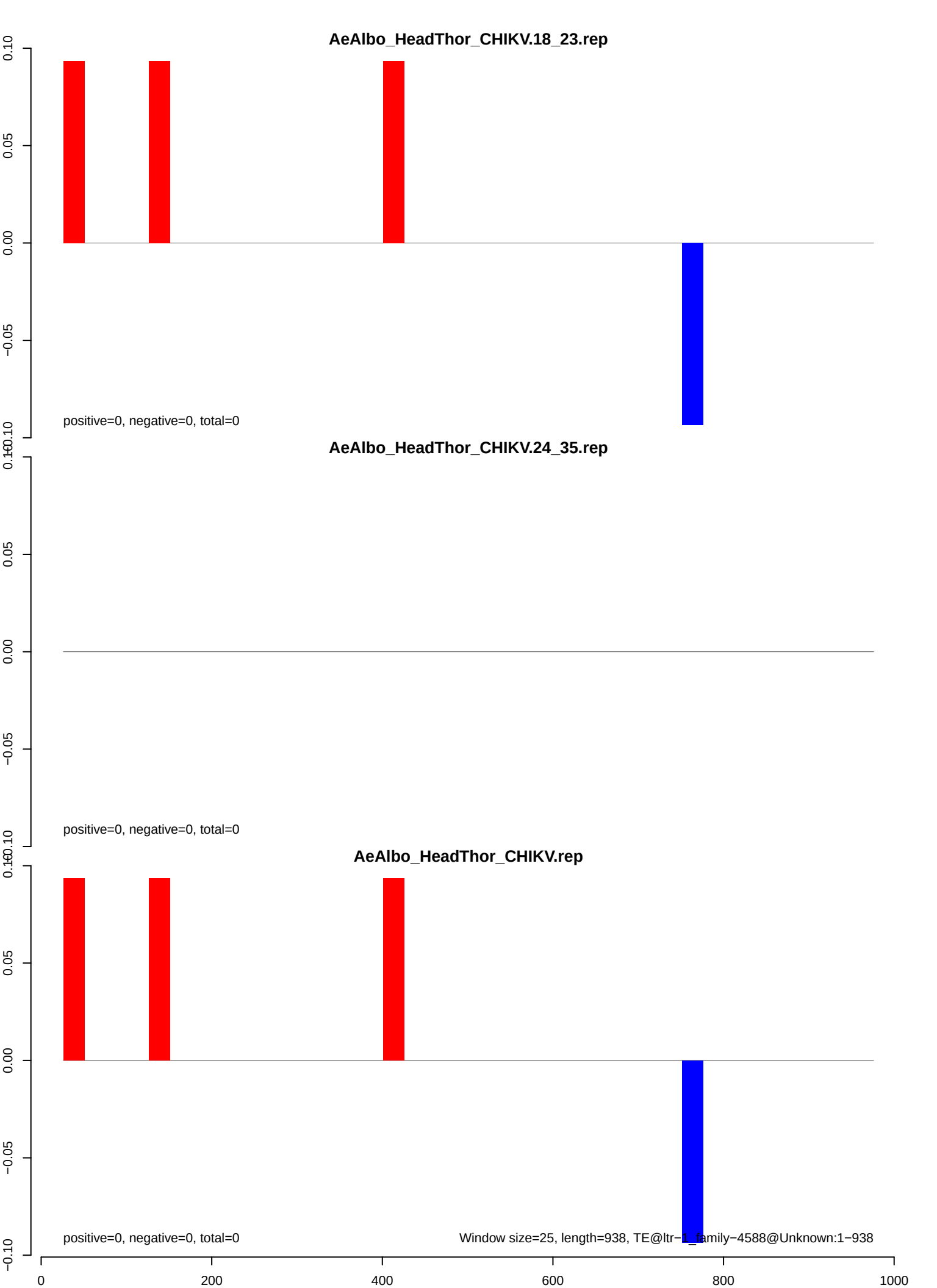

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1858, TE@ltr−1_family−4883@LTR_Copia:1−1858
0
500
1000
1500

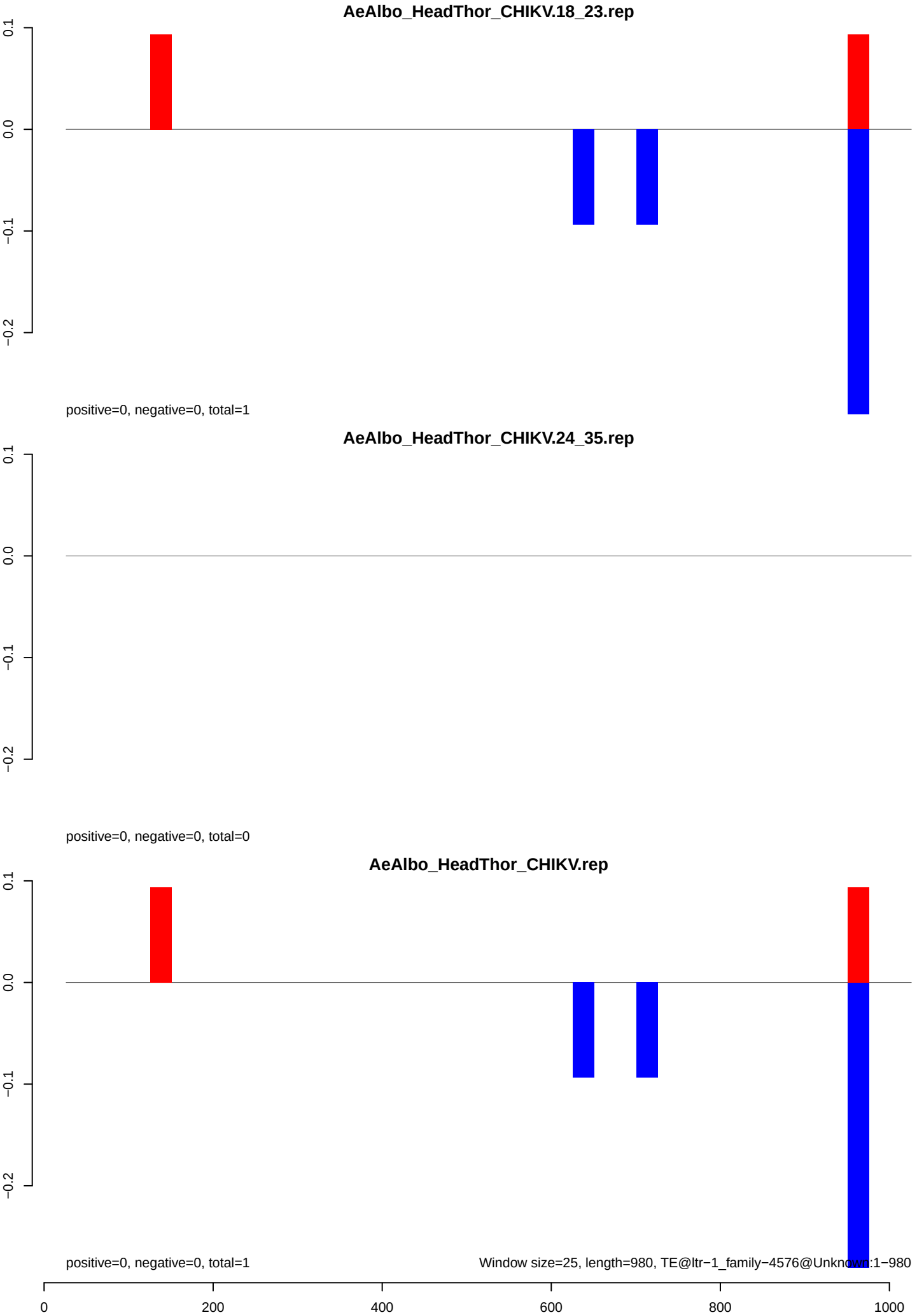

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1122, TE@ltr−1_family−4773@LTR_Gypsy:1−1122
0
200
400
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1165, TE@ltr−1_family−4759@Unknown:1−1165
0
200
400
600
800
1000
1200


AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1558, TE@ltr−1_family−4748@LTR_Gypsy:1−1558
0
500
1000
1500

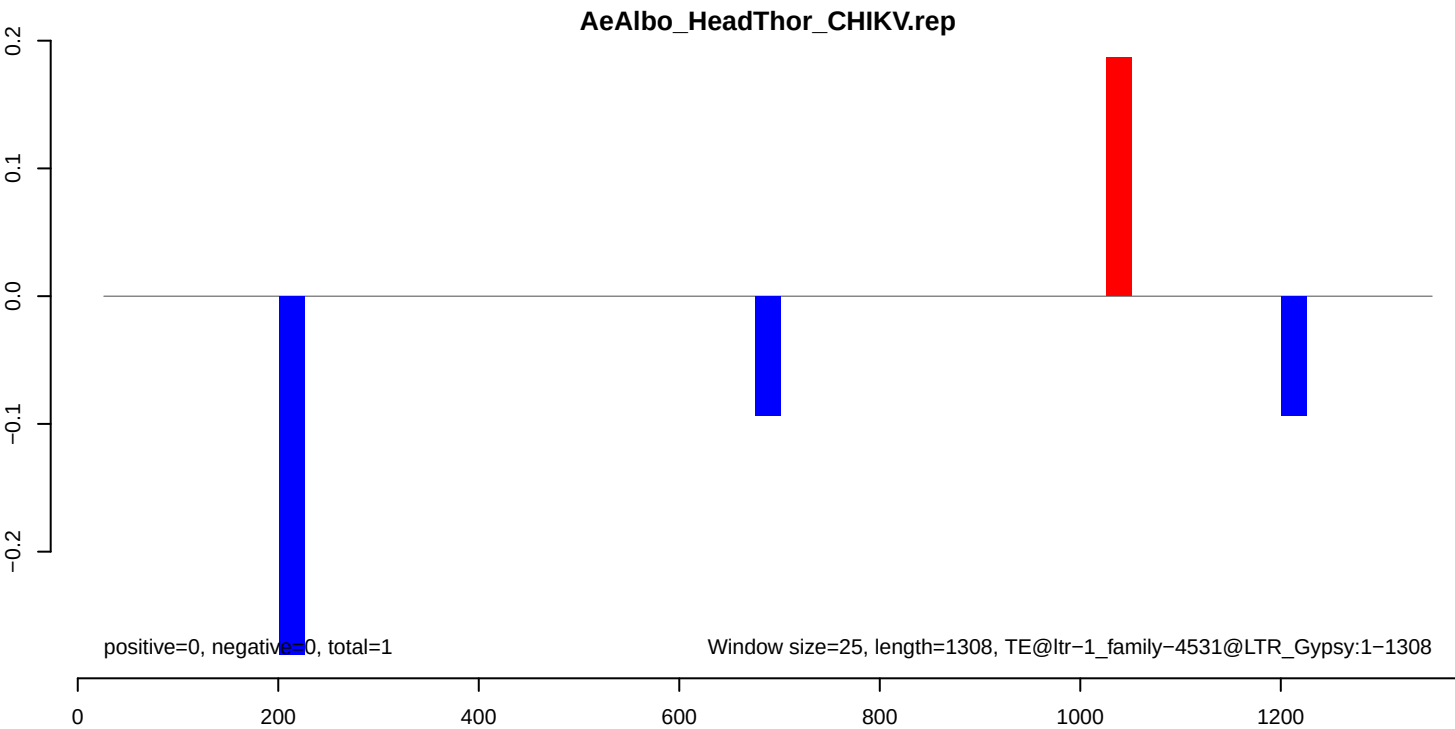

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
Window size=25, length=3092, TE@ltr−1_family−4663@LTR_Pao:1−3092
0
500
1000
1500
2000
2500
3000

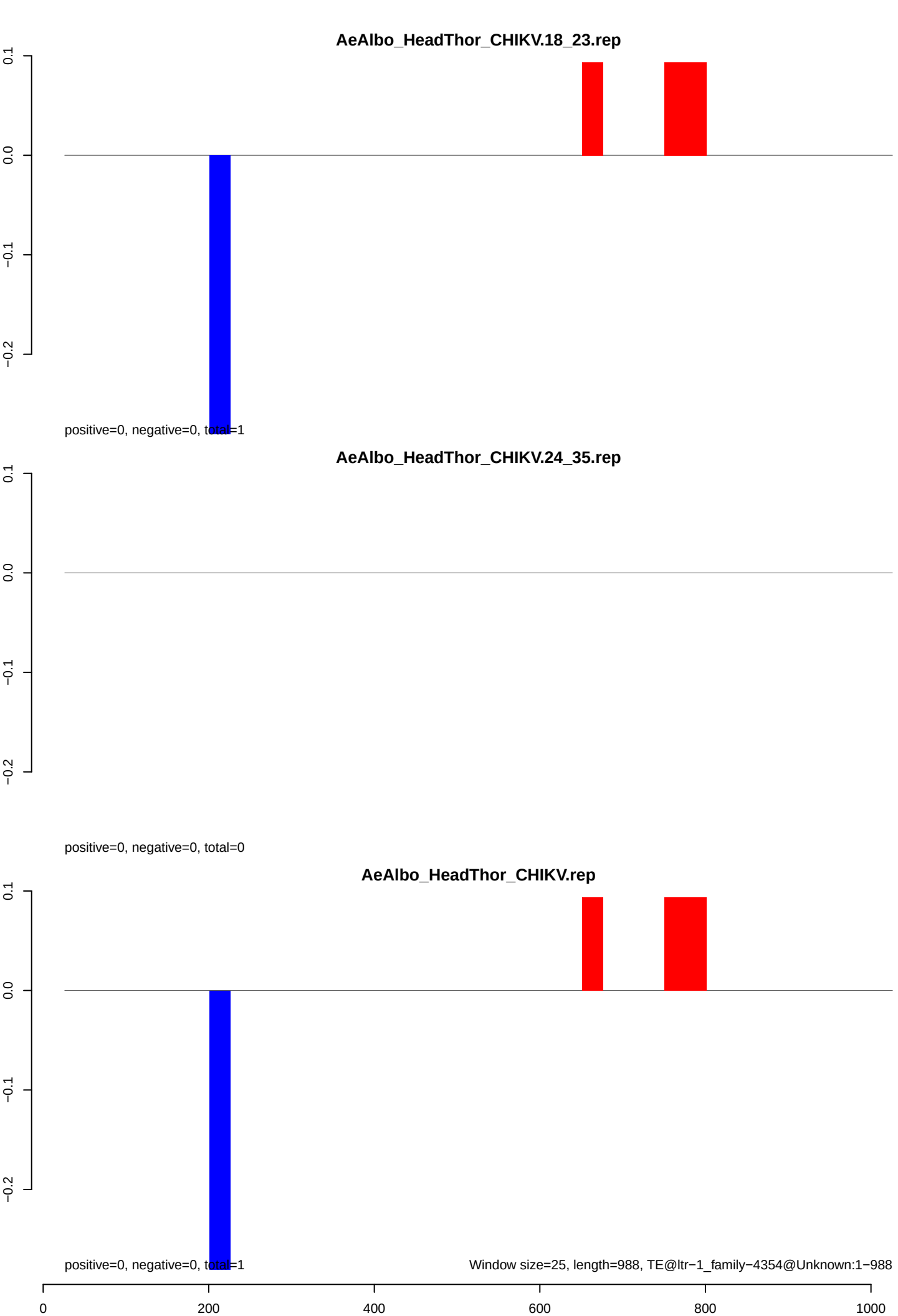

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=938, TE@ltr−1_family−4588@Unknown:1−938
0
200
400
600
800
1000

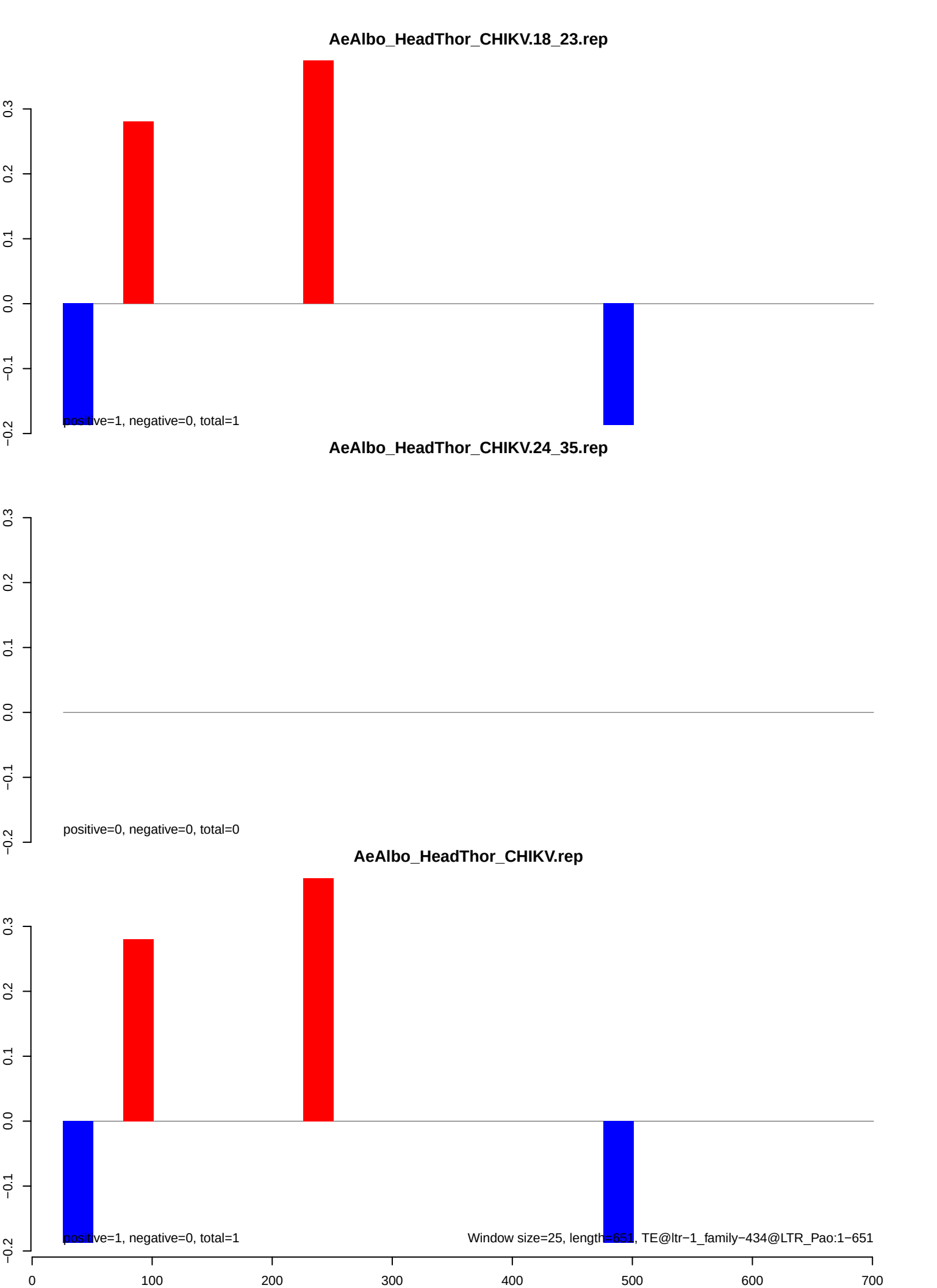

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=980, TE@ltr−1_family−4576@Unknown:1−980
0
200
400
600
800
1000

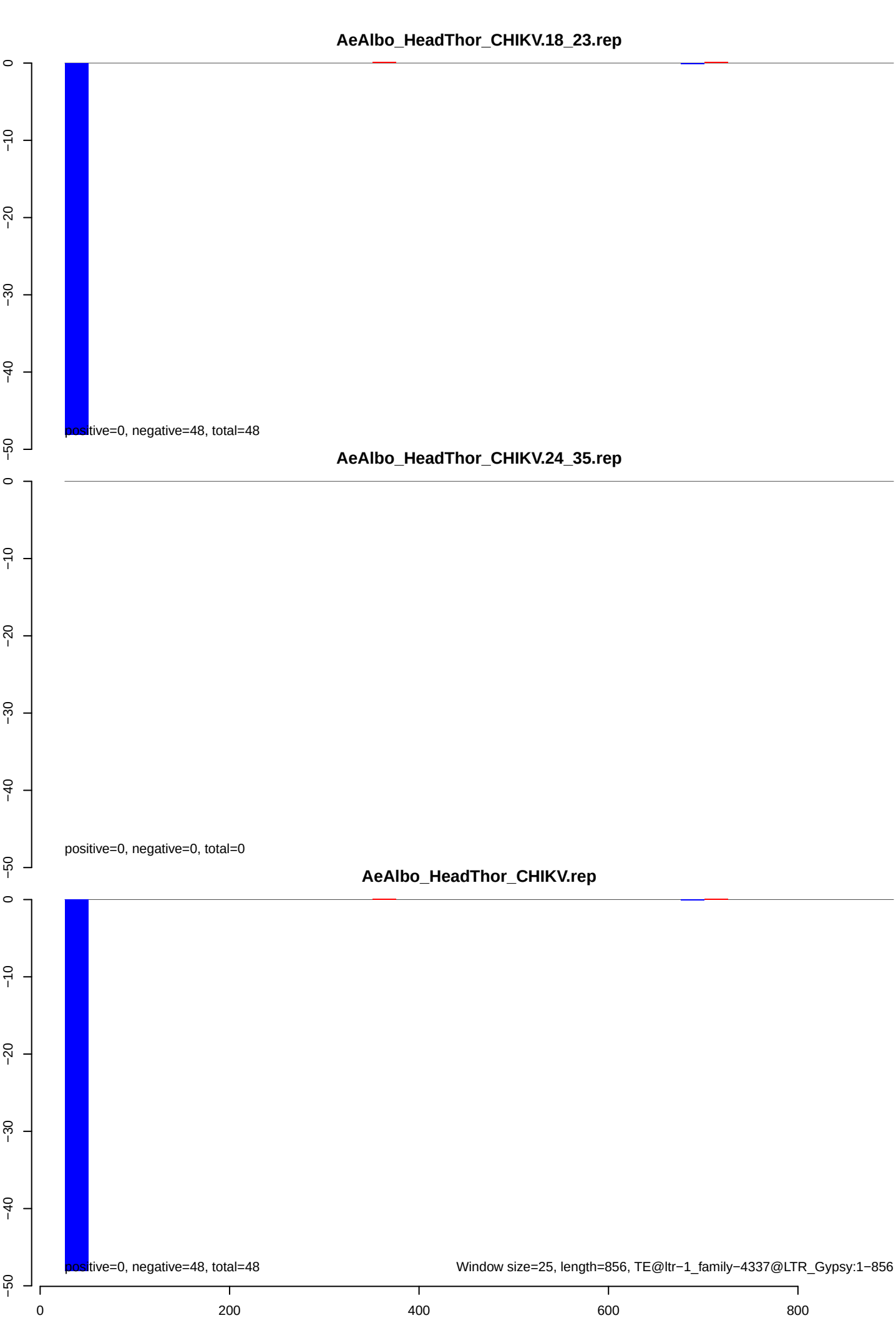
AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1

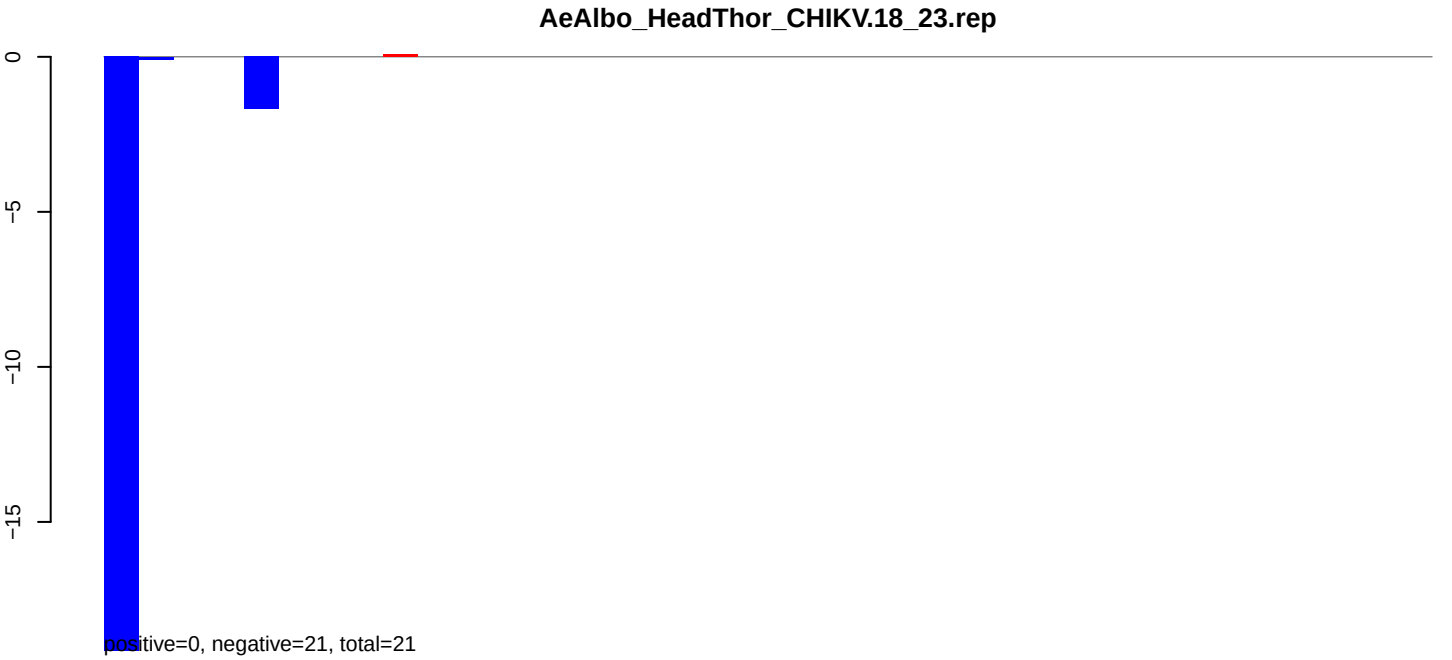
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=1308, TE@ltr−1_family−4531@LTR_Gypsy:1−1308
0
200
400
600
800
1000
1200
1400


AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=988, TE@ltr−1_family−4354@Unknown:1−988
0
200
400
600
800
1000

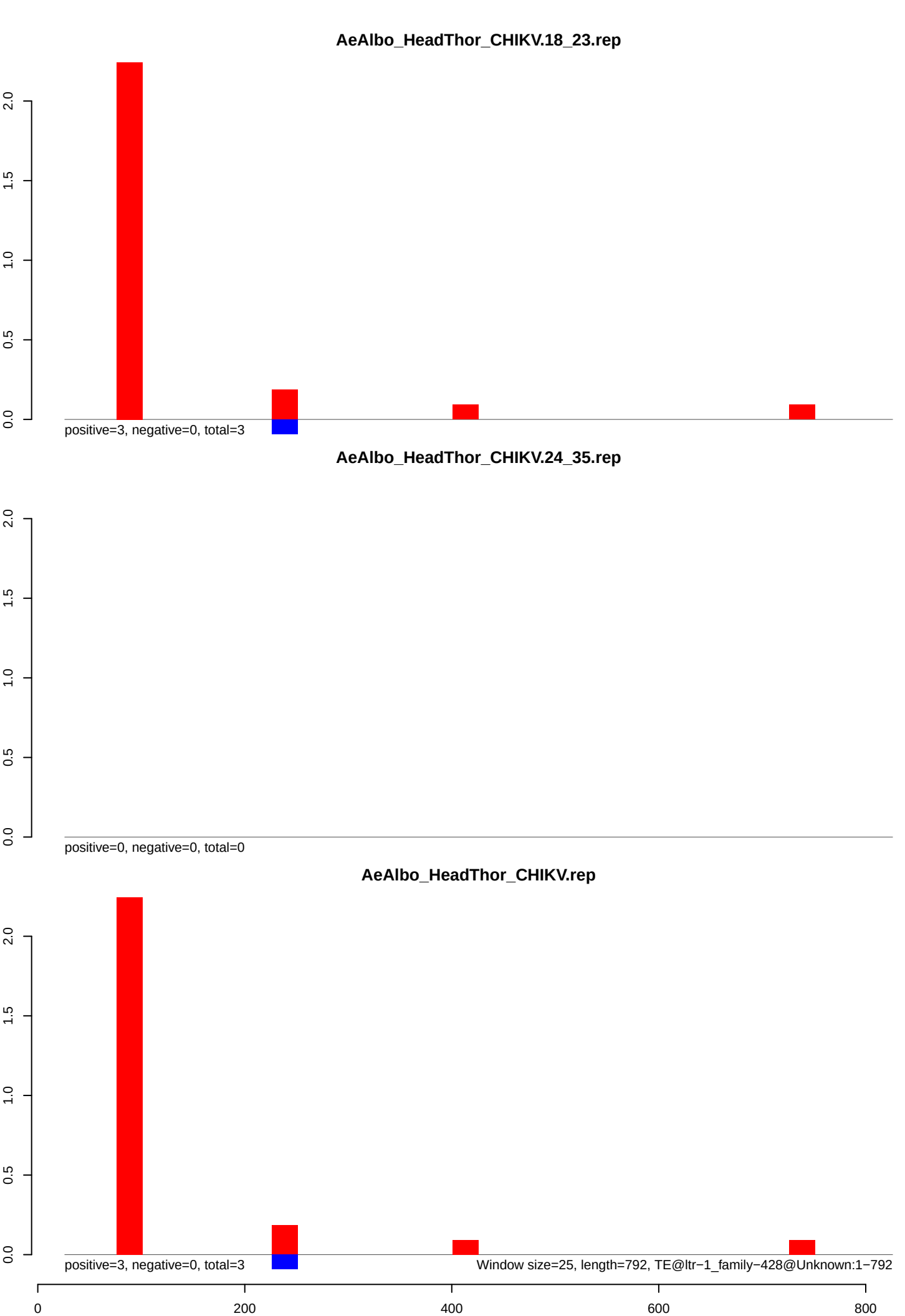

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
Window size=25, length=651, TE@ltr−1_family−434@LTR_Pao:1−651
0
100
200
300
400
500
600
700

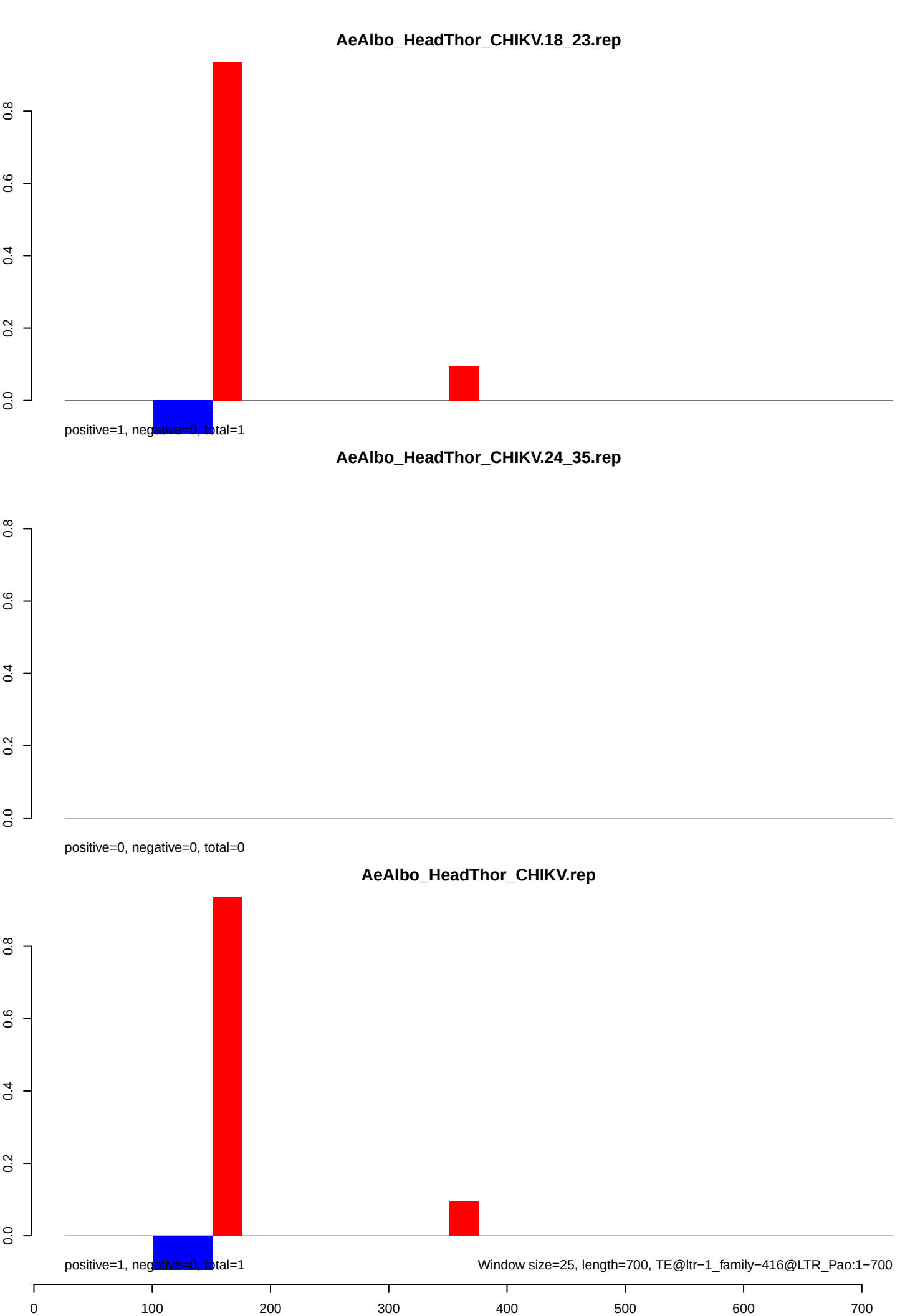

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
−50
positive=0, negative=48, total=48
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
−50
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
−50
positive=0, negative=48, total=48
Window size=25, length=856, TE@ltr−1_family−4337@LTR_Gypsy:1−856
0
200
400
600
800

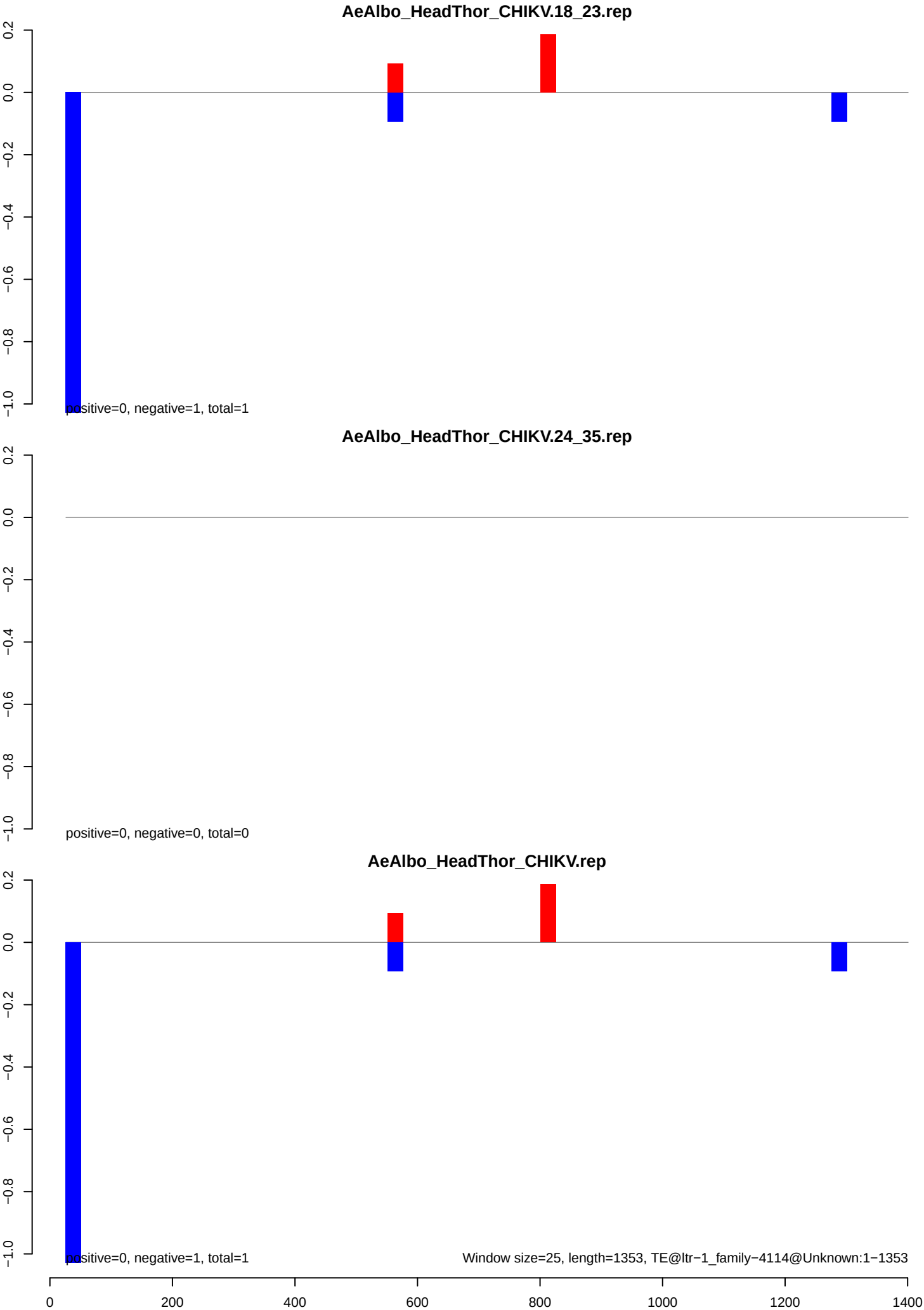

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=0, negative=21, total=21

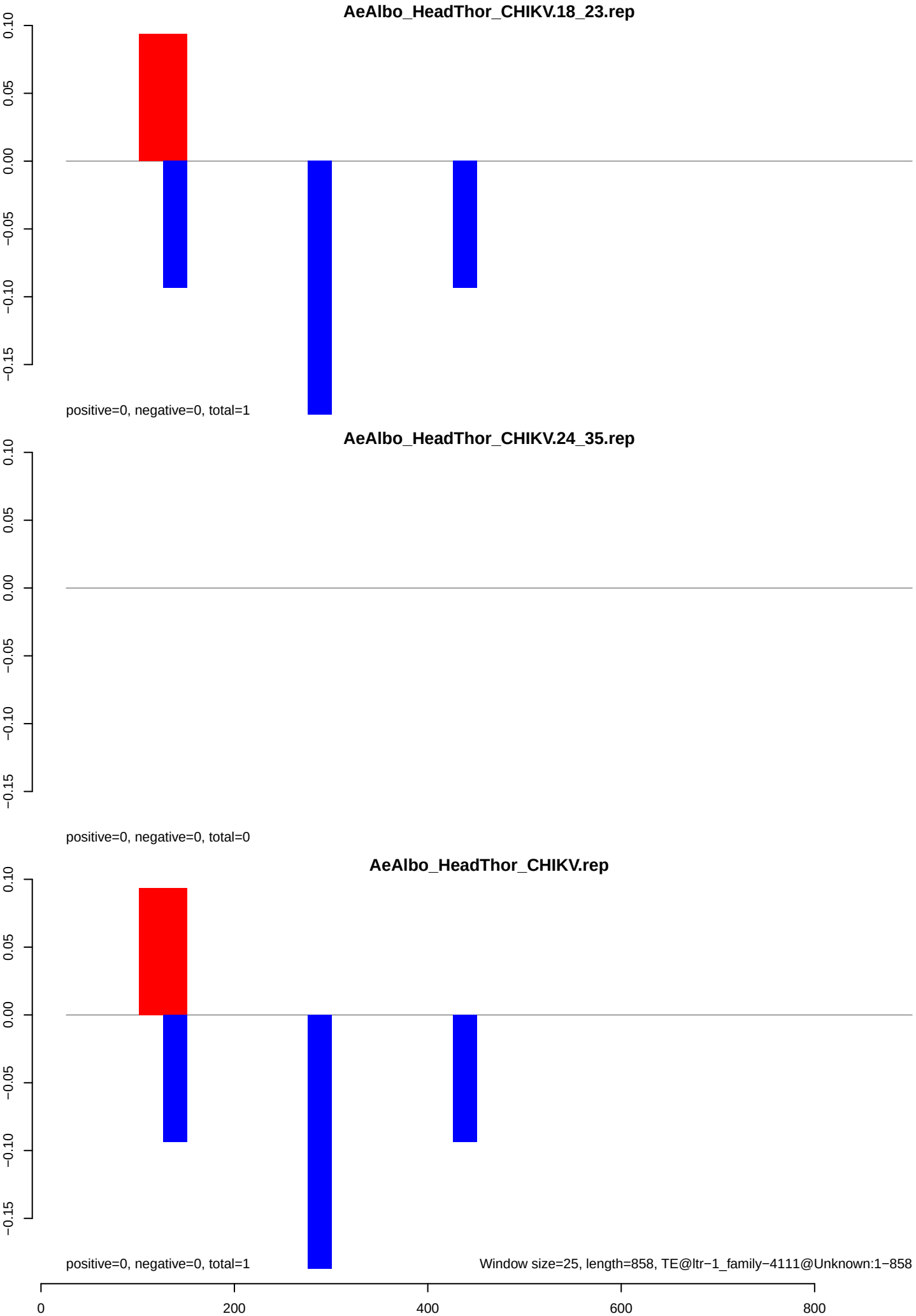
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0

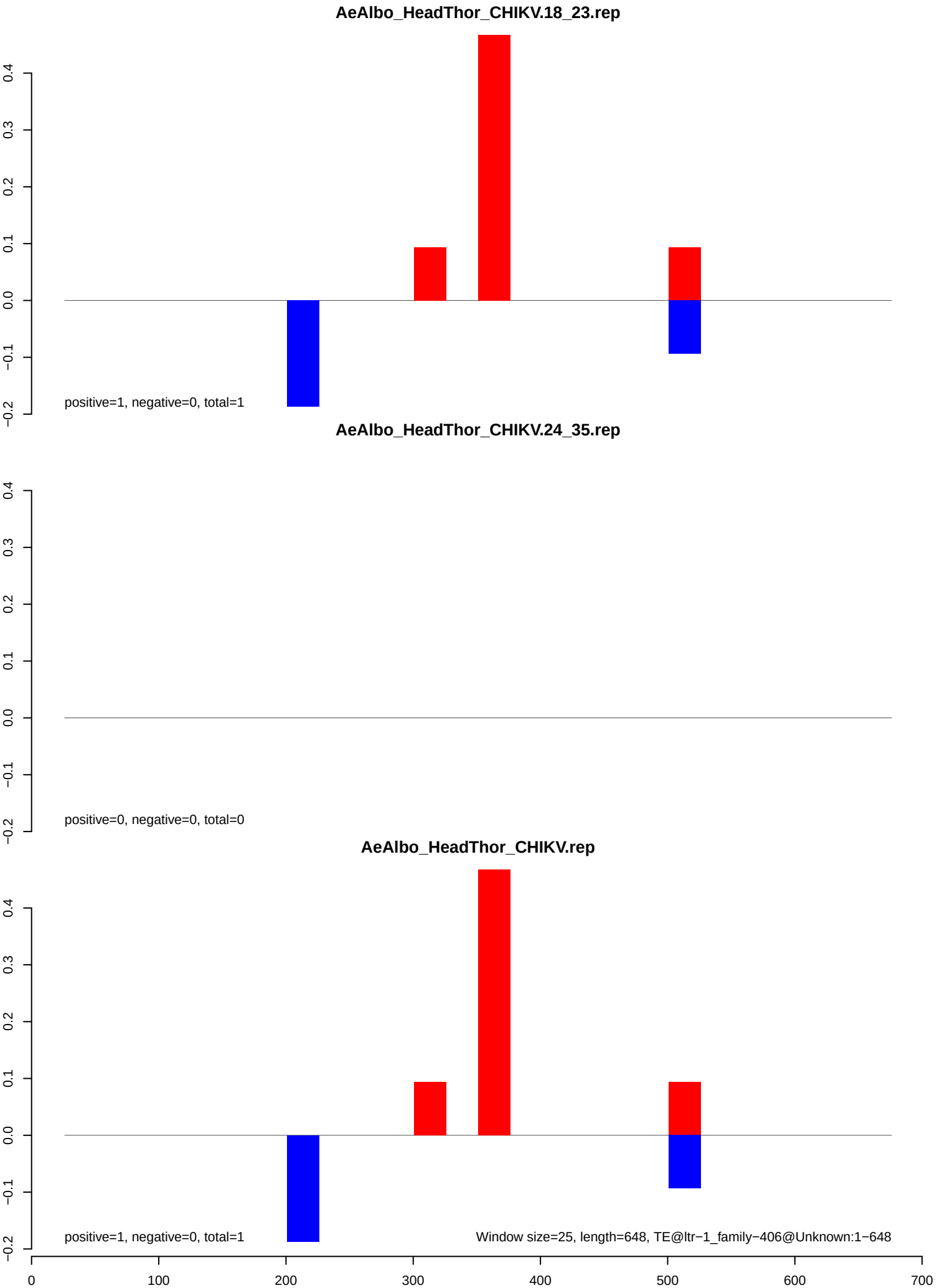
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=21, total=21
Window size=25, length=937, TE@ltr−1_family−4308@LTR_Pao:1−937
0
200
400
600
800
1000

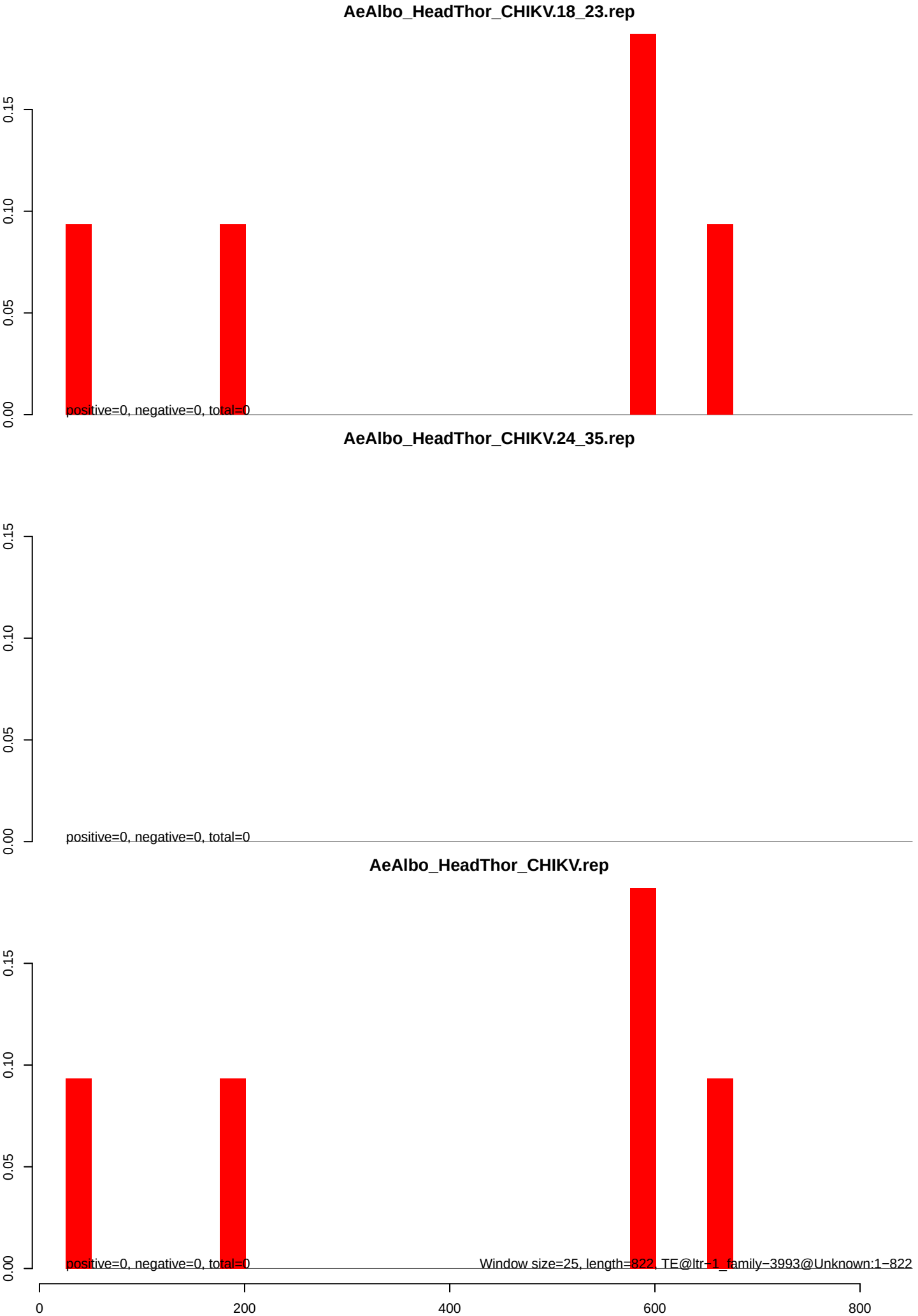

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=3, negative=0, total=3
Window size=25, length=792, TE@ltr−1_family−428@Unknown:1−792
0
200
400
600
800

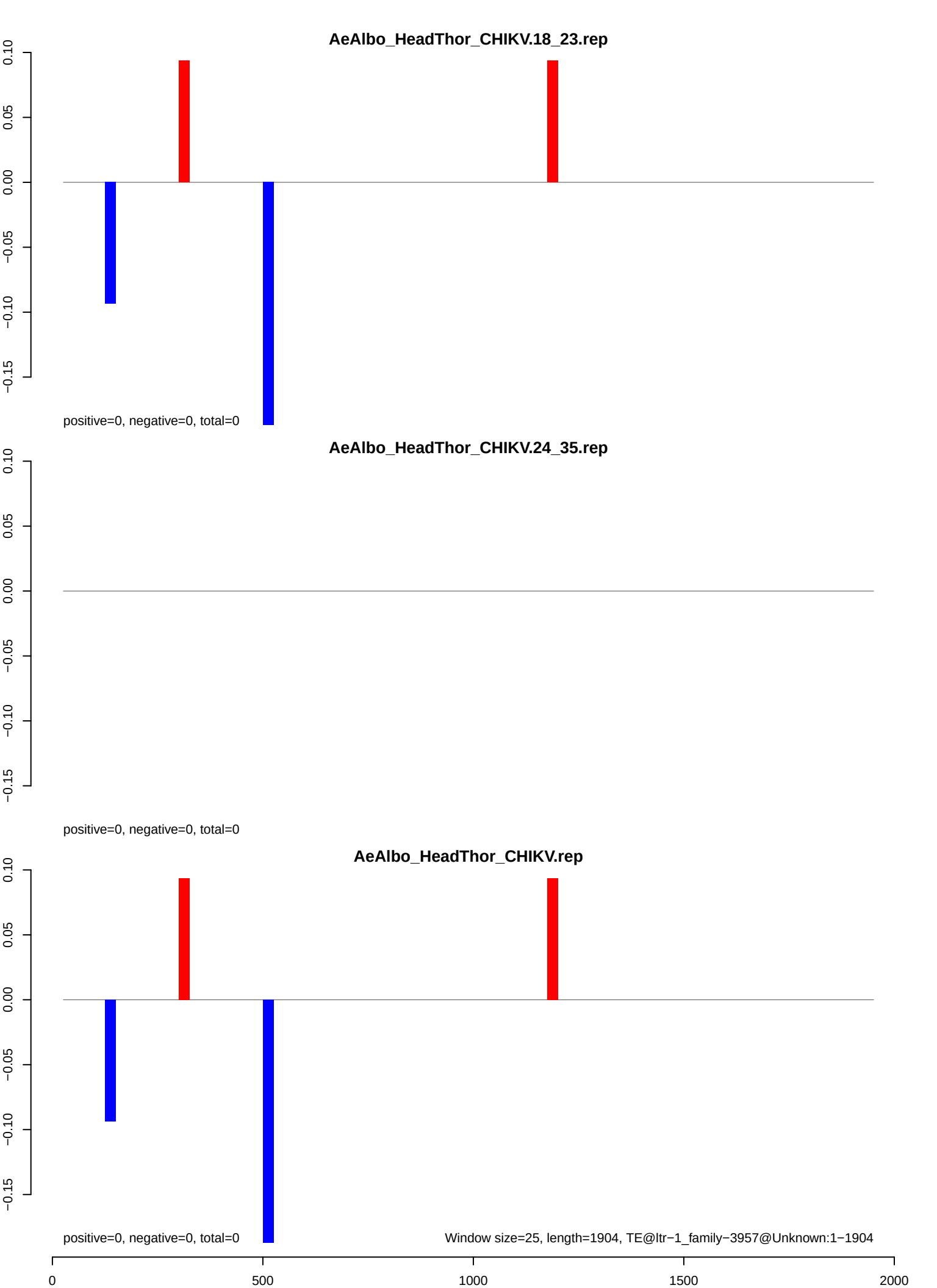

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
positive=1, negative=0, total=1
Window size=25, length=700, TE@ltr−1_family−416@LTR_Pao:1−700
0
100
200
300
400
500
600
700

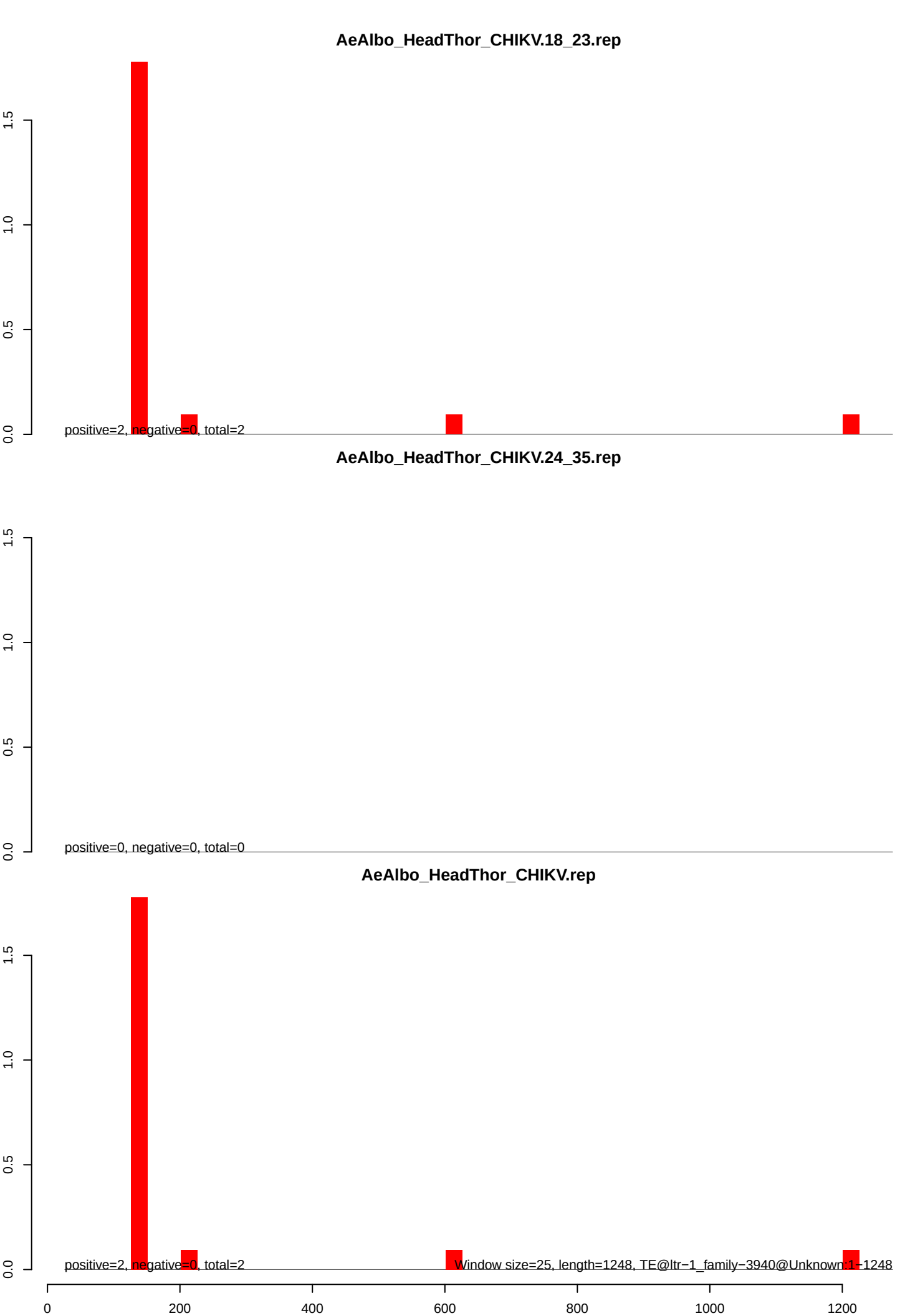

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=1
Window size=25, length=1353, TE@ltr−1_family−4114@Unknown:1−1353
0
200
400
600
800
1000
1200
1400

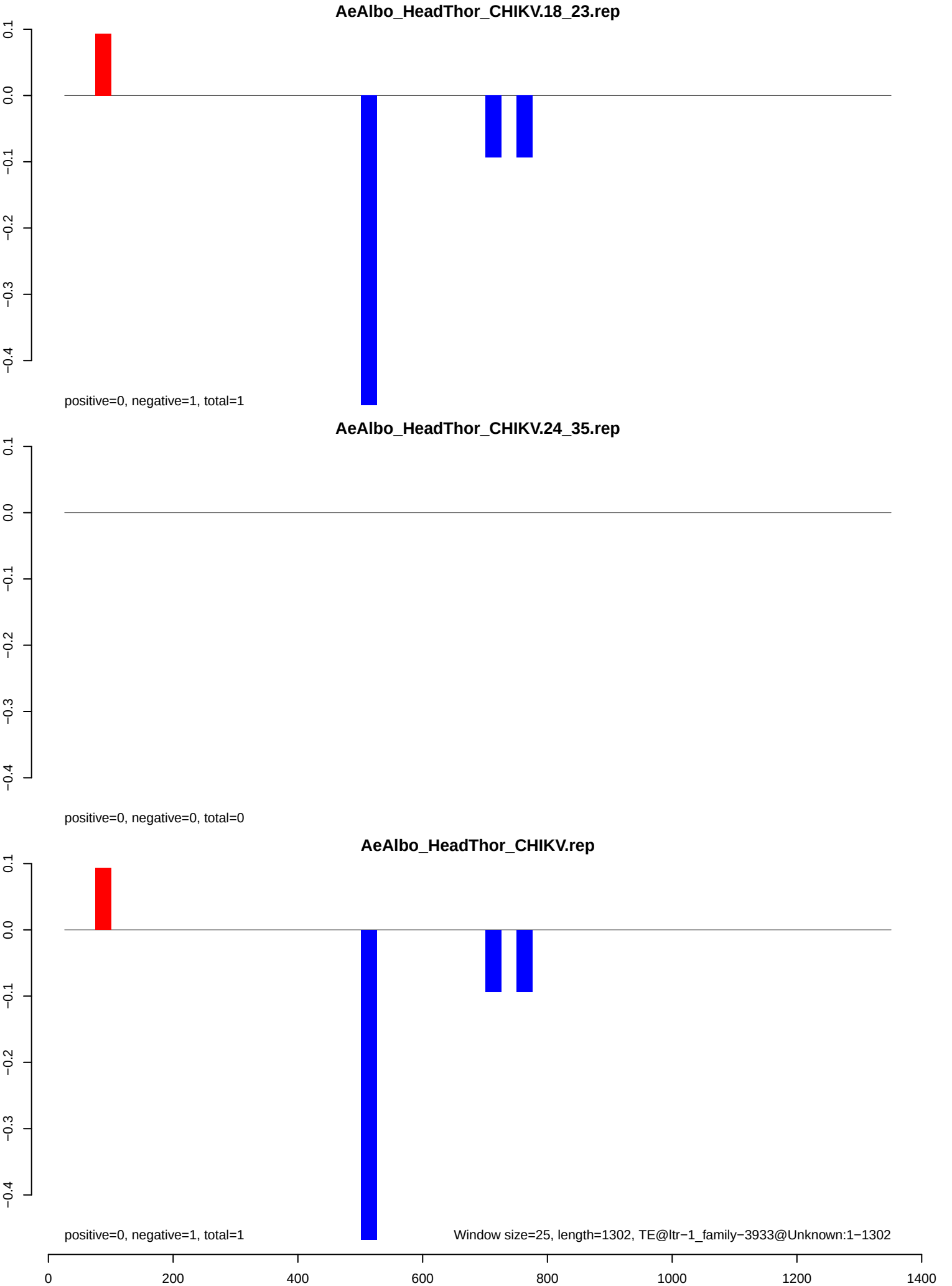

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=858, TE@ltr−1_family−4111@Unknown:1−858
0
200
400
600
800

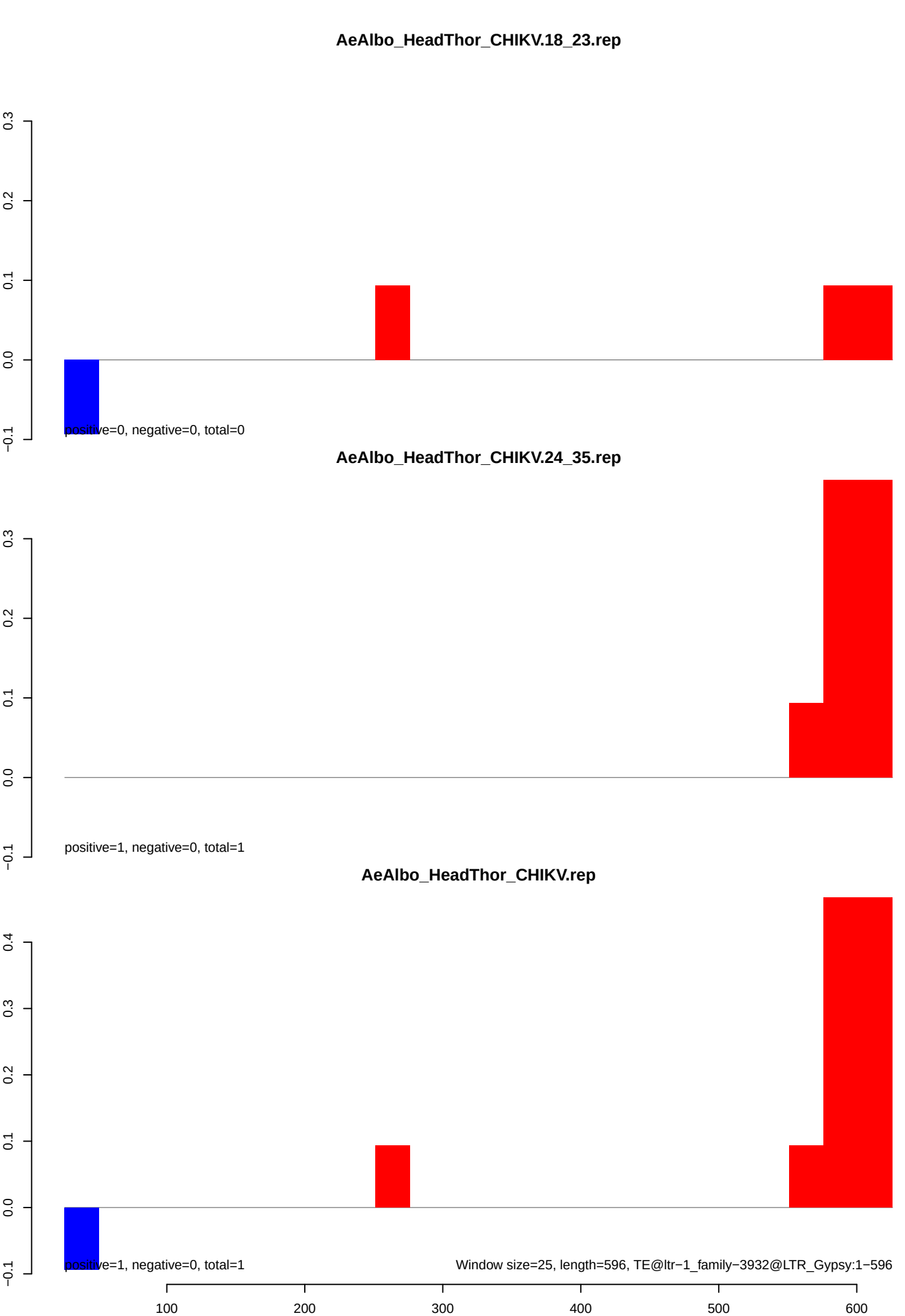

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=648, TE@ltr−1_family−406@Unknown:1−648
0
100
200
300
400
500
600
700

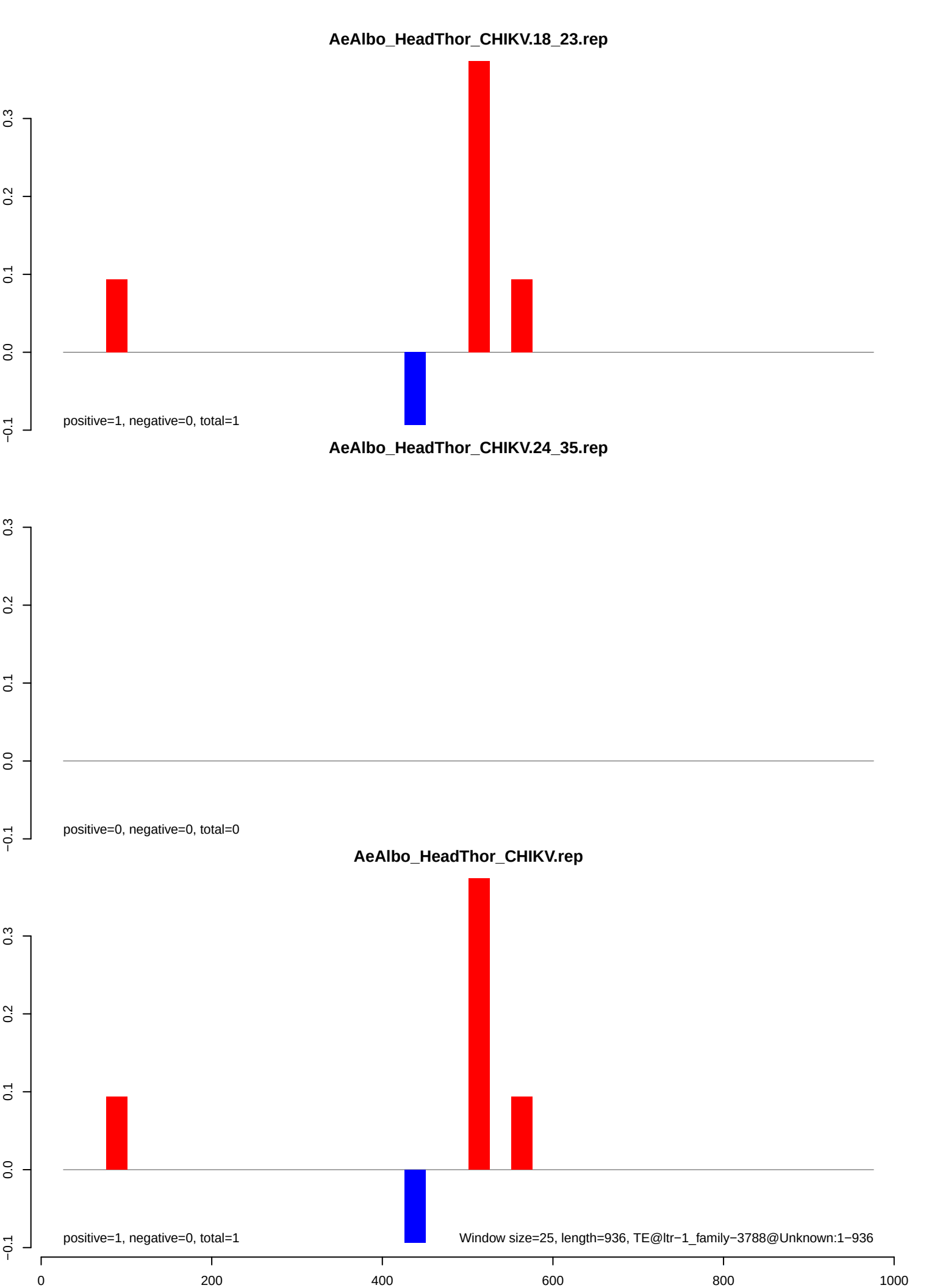

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=822, TE@ltr-1_family-3993@Unknown:1-822
0
200
400
600
800

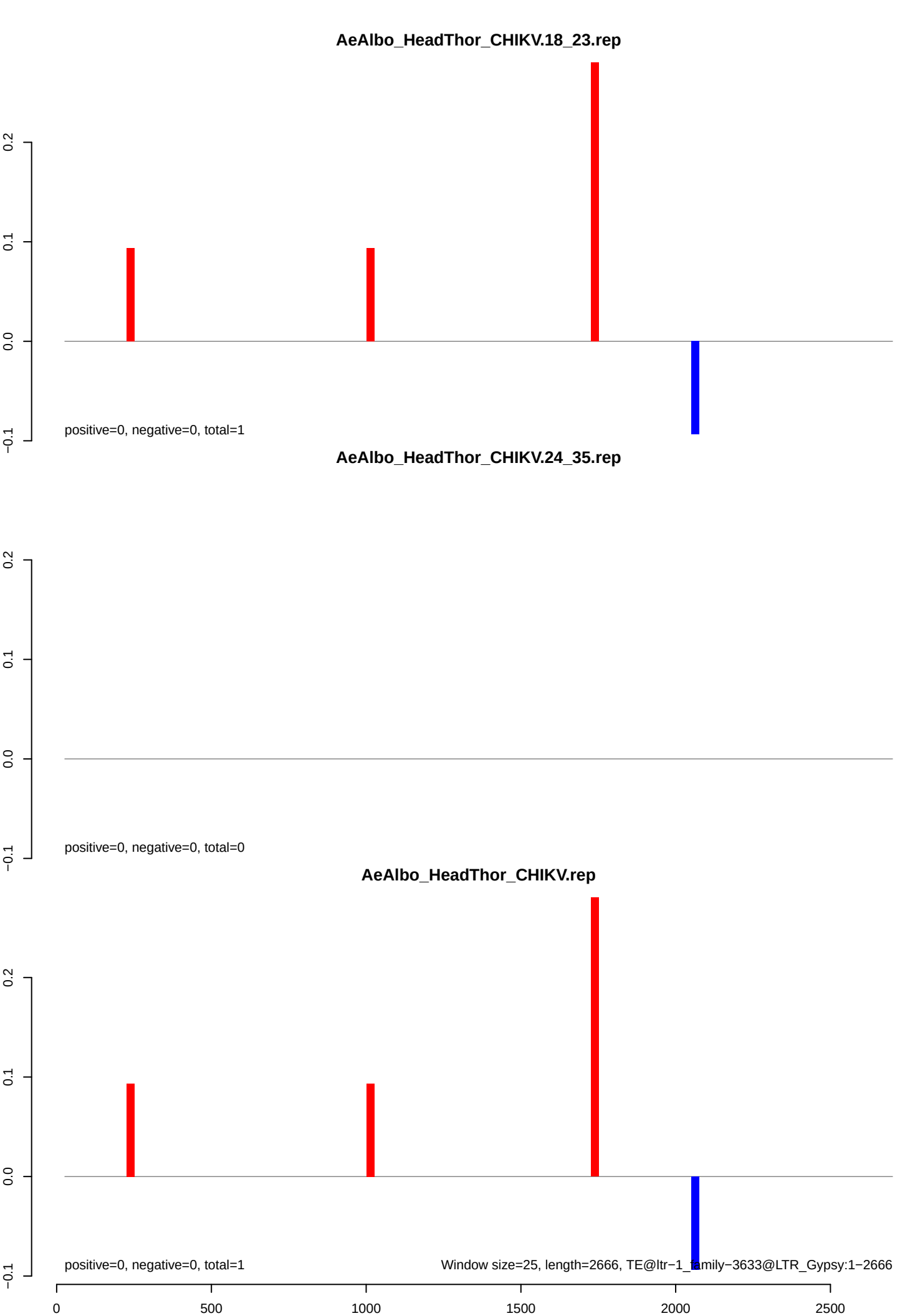

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1904, TE@ltr−1_family−3957@Unknown:1−1904
0
500
1000
1500
2000

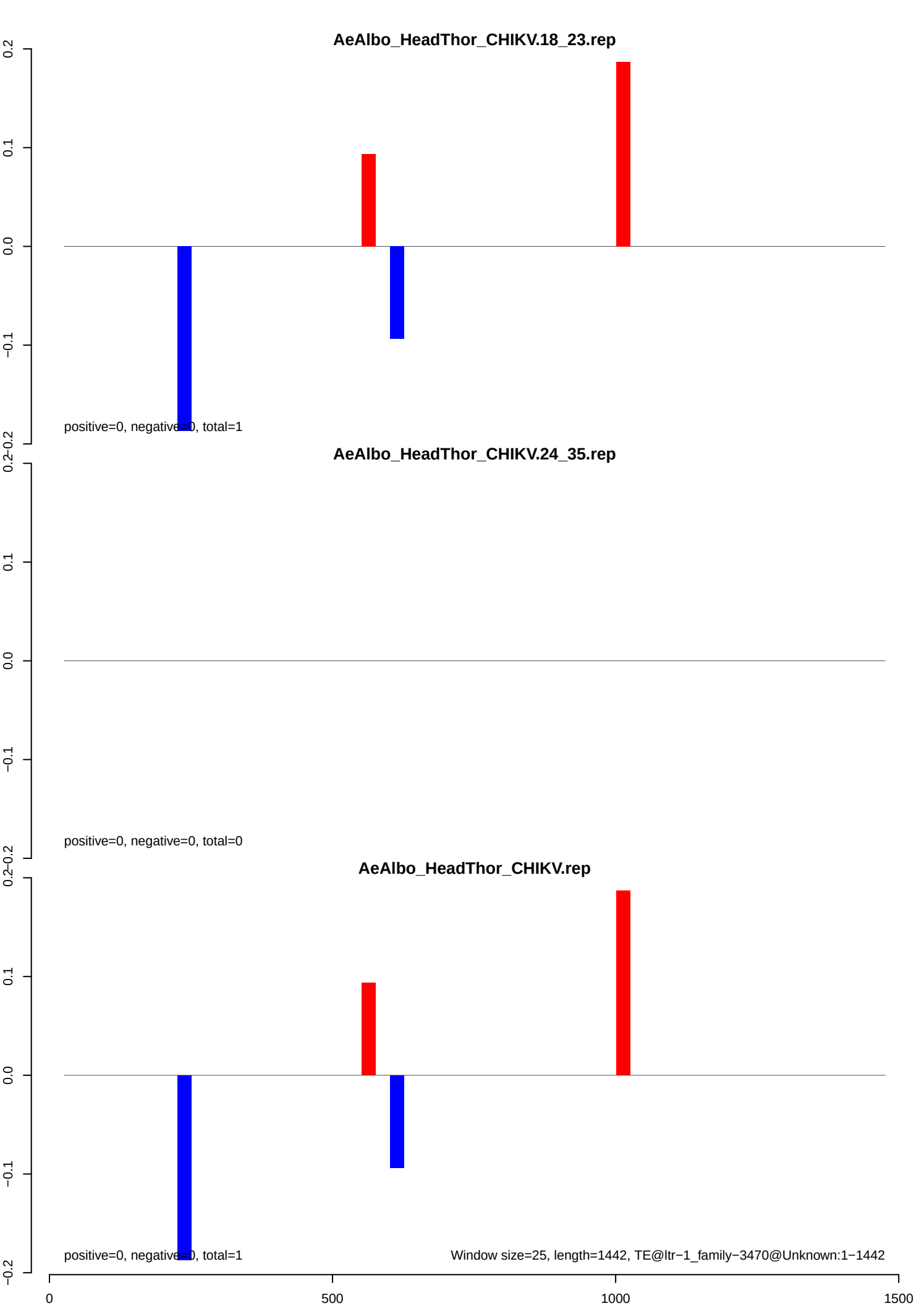

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
Window size=25, length=1248, TE@ltr−1_family−3940@Unknown:1−1248
0
200
400
600
800
1000
1200

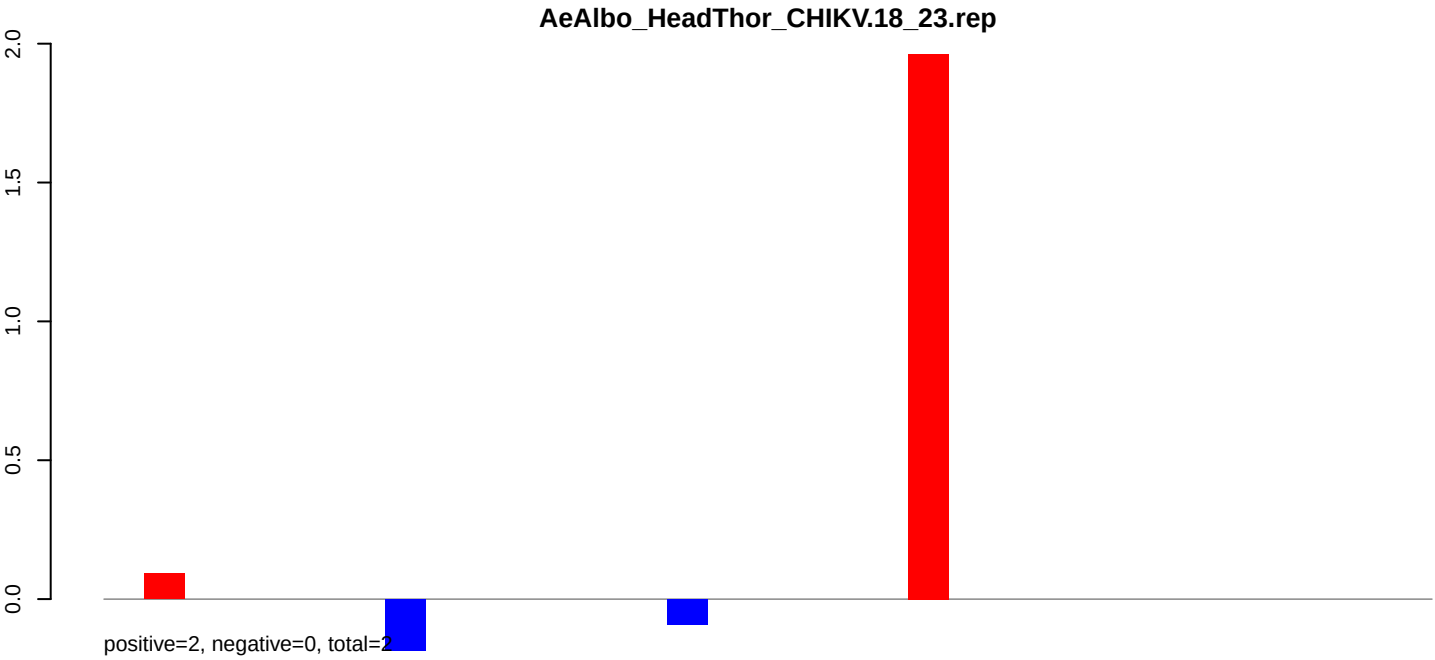

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=1302, TE@ltr−1_family−3933@Unknown:1−1302
0
200
400
600
800
1000
1200
1400


AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=596, TE@ltr−1_family−3932@LTR_Gypsy:1−596
100
200
300
400
500
600

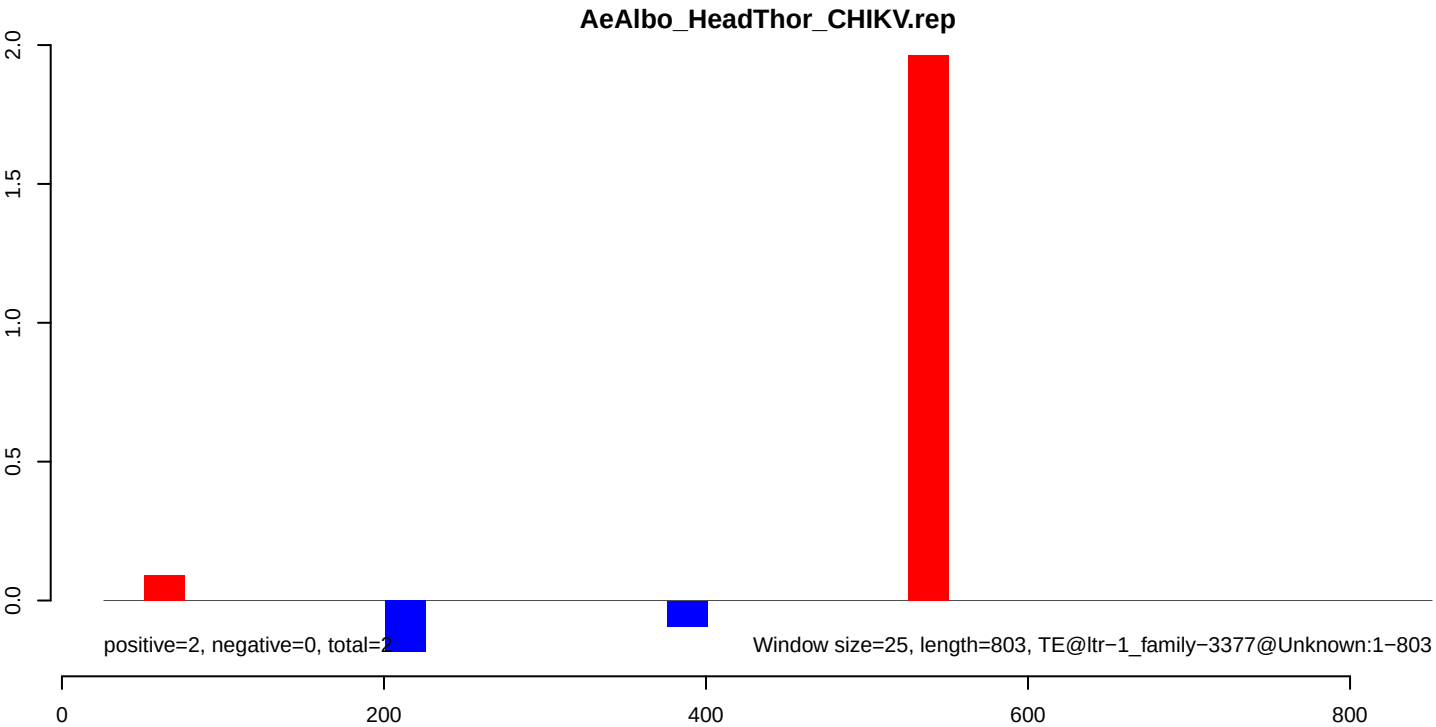

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=936, TE@ltr−1_family−3788@Unknown:1−936
0
200
400
600
800
1000

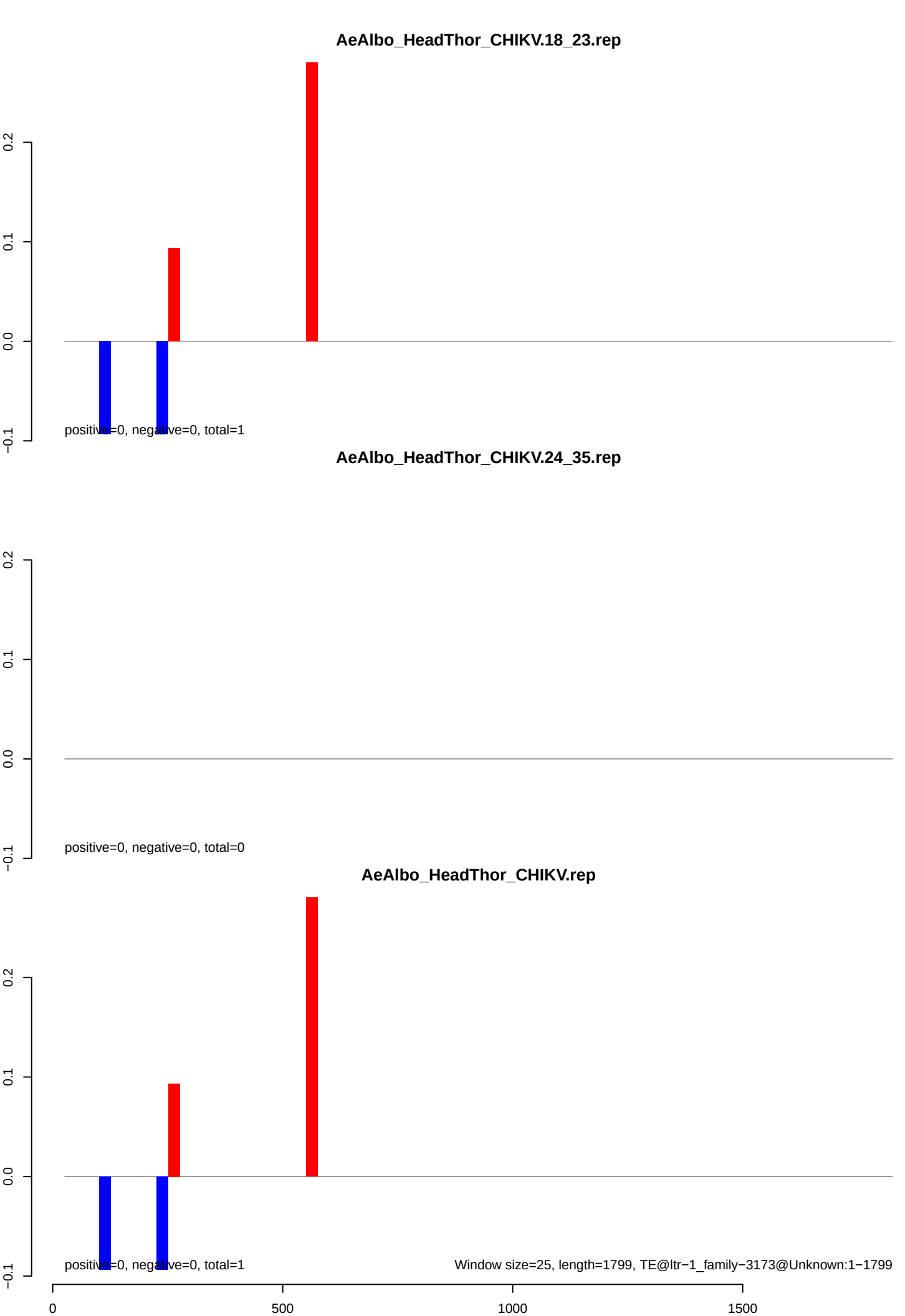

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=2666, TE@ltr−1_family−3633@LTR_Gypsy:1−2666
0
500
1000
1500
2000
2500

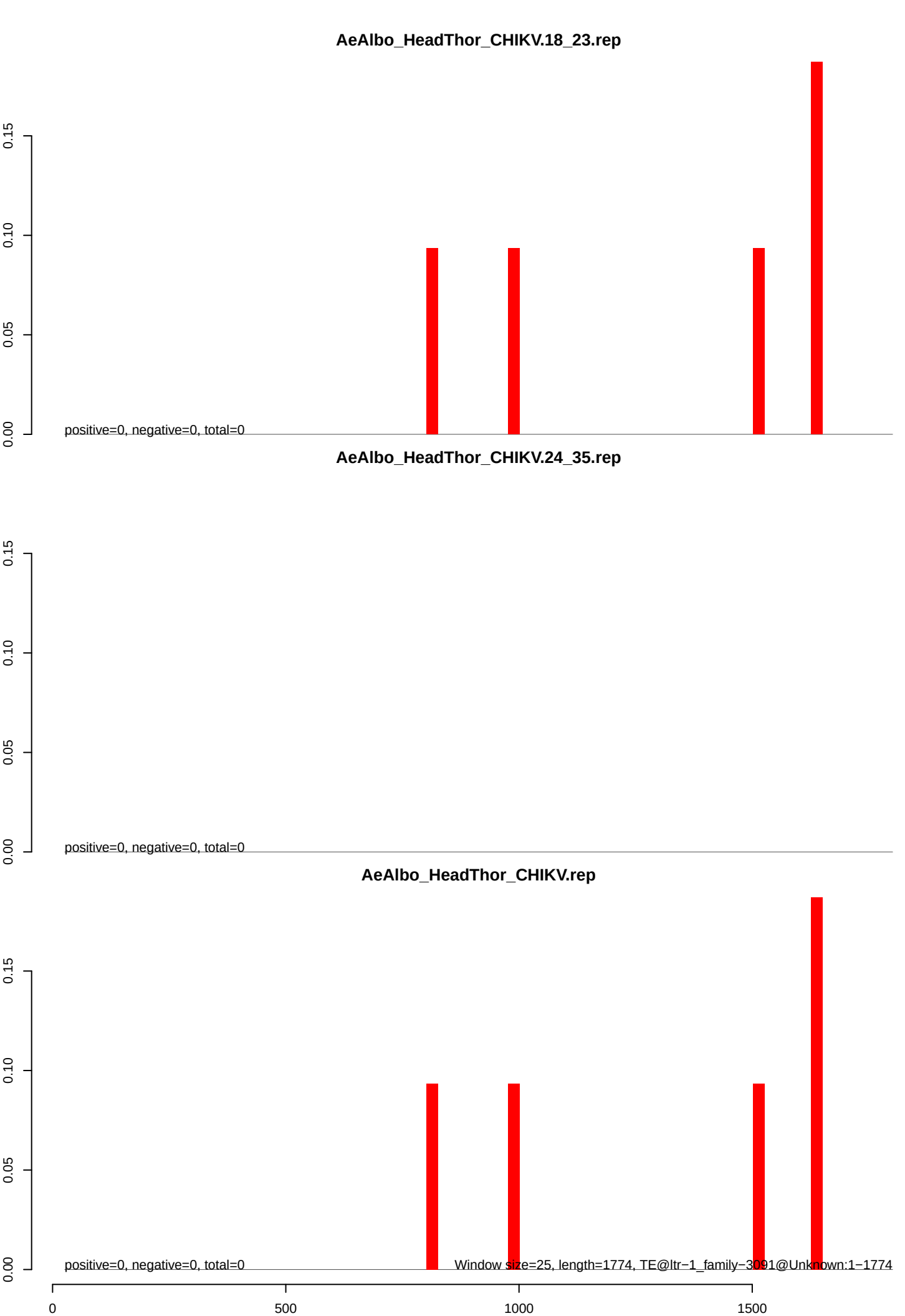

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=1442, TE@ltr−1_family−3470@Unknown:1−1442
0.2
0.1
0.0
−0.1
−0.2
0
500
1000
1500

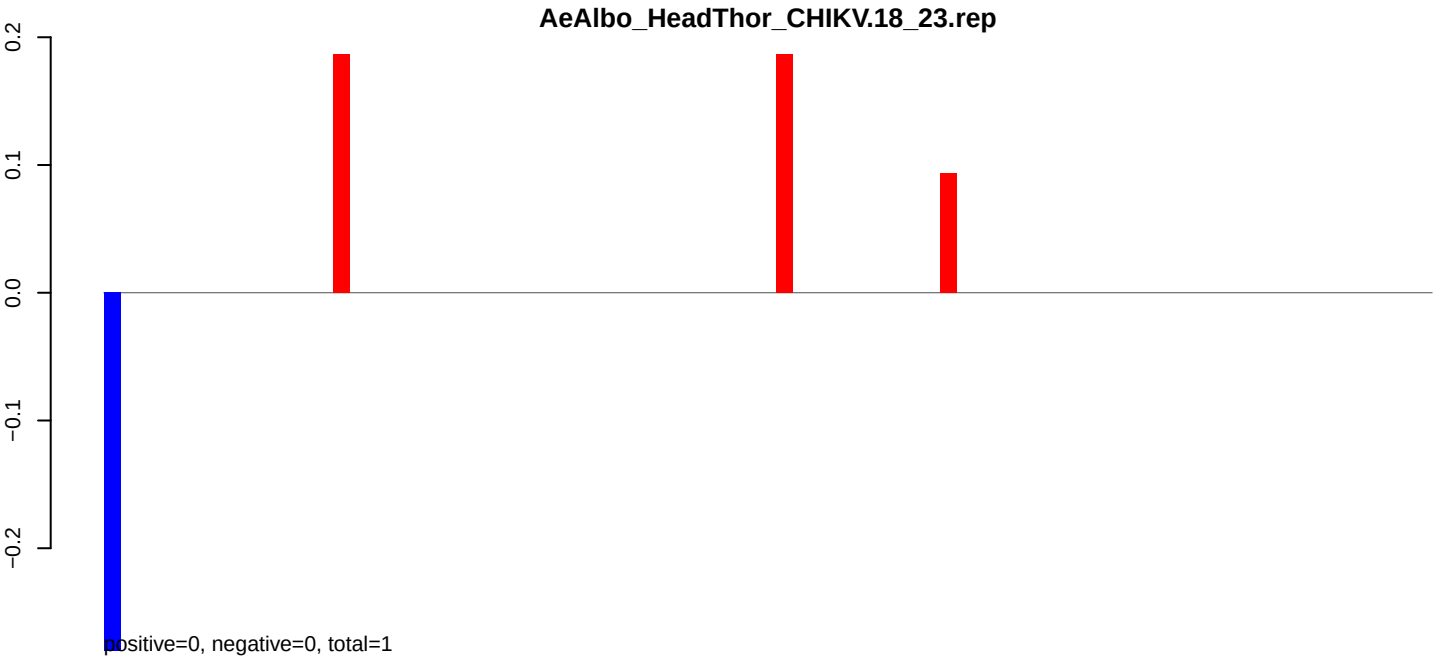

AeAlbo_HeadThor_CHIKV.18_23.rep
2.0
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2

AeAlbo_HeadThor_CHIKV.24_35.rep
2.0
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

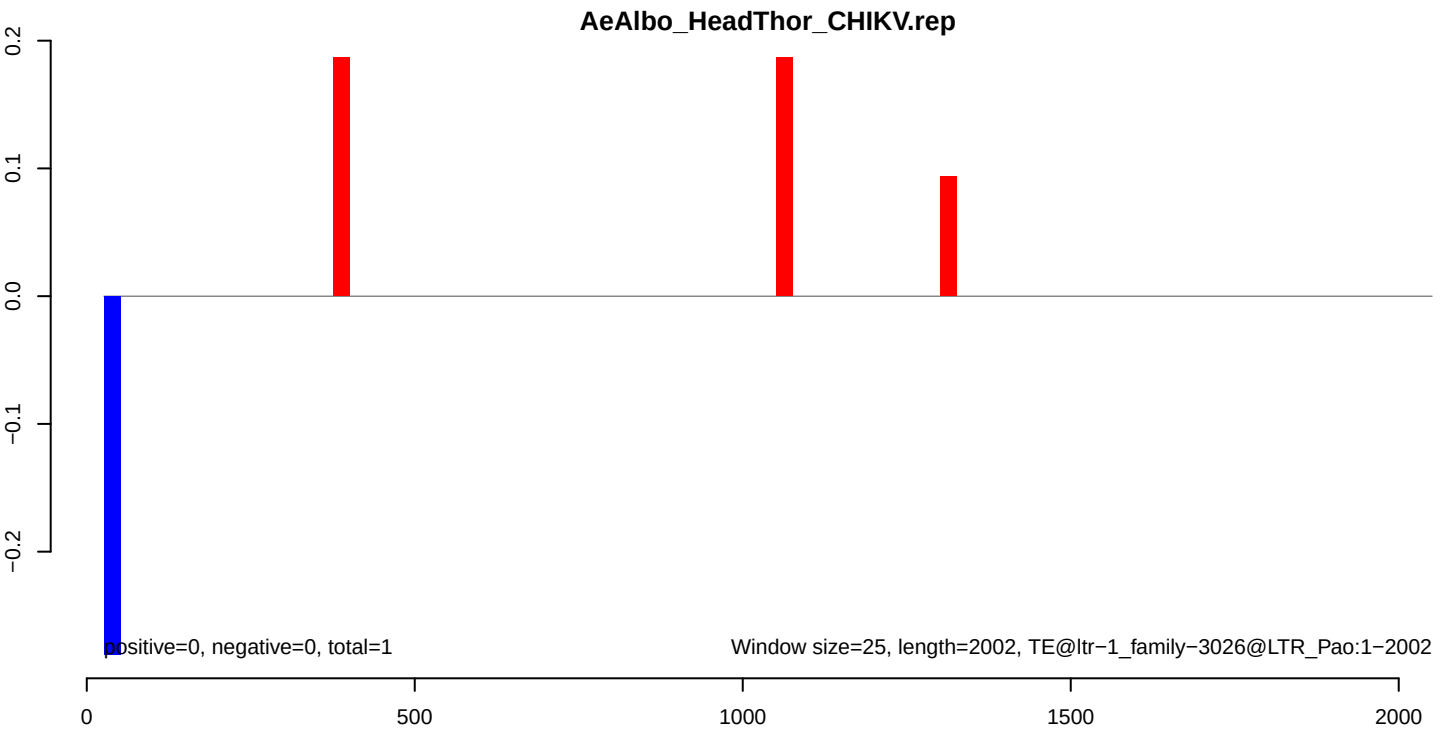

AeAlbo_HeadThor_CHIKV.rep
2.0
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
Window size=25, length=803, TE@ltr−1_family−3377@Unknown:1−803
0
200
400
600
800

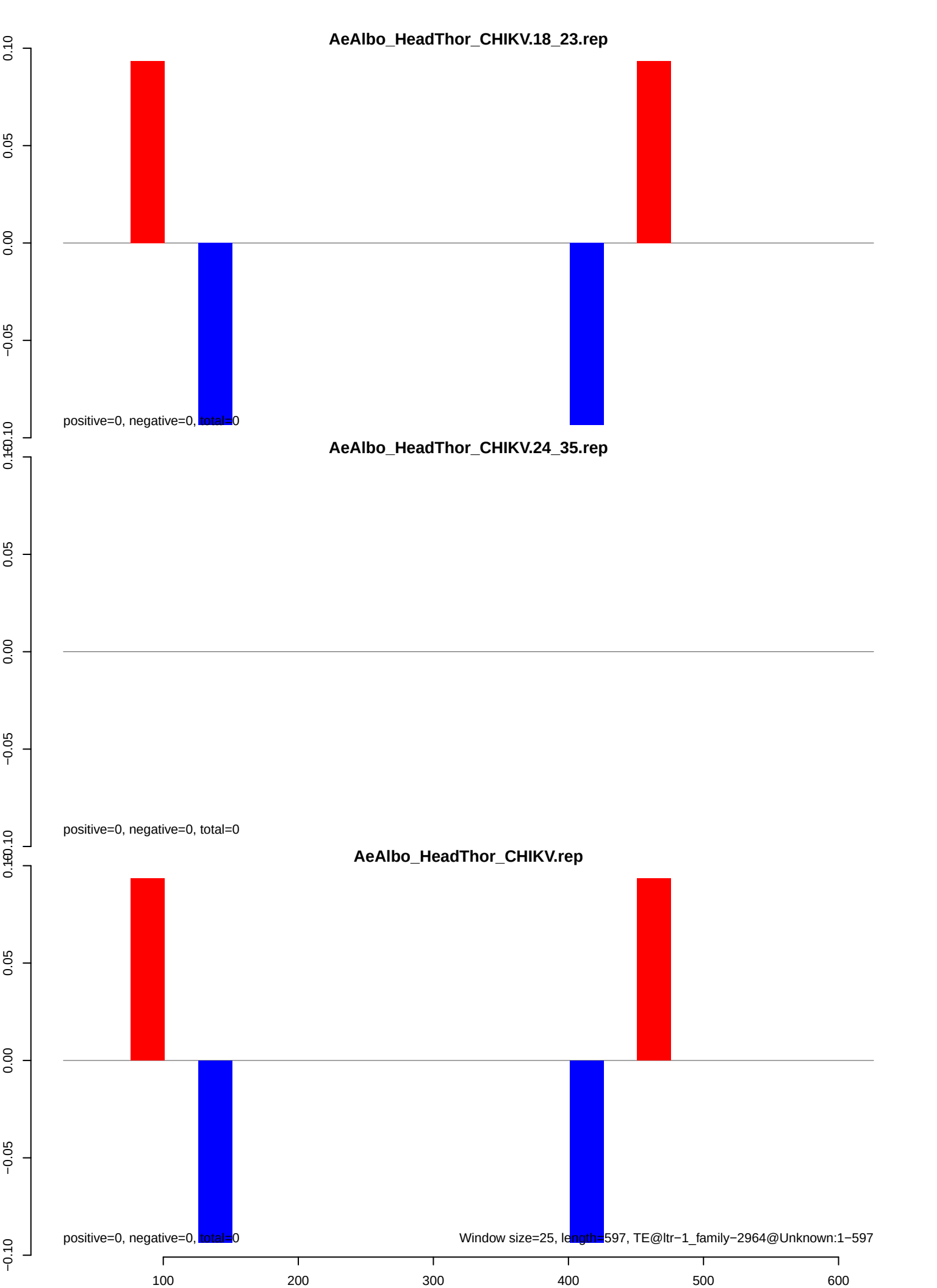

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=1799, TE@ltr−1_family−3173@Unknown:1−1799
0
500
1000
1500

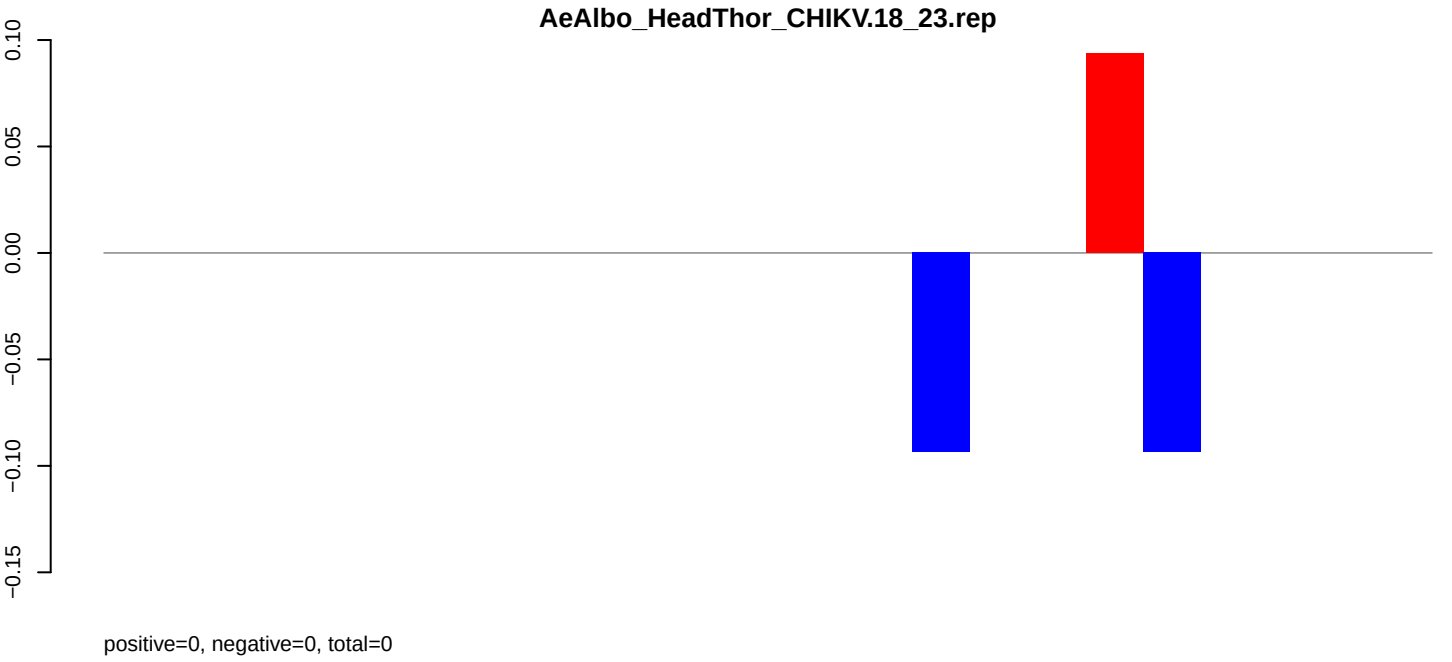

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=1774, TE@ltr−1_family−3091@Unknown:1−1774
0
500
1000
1500

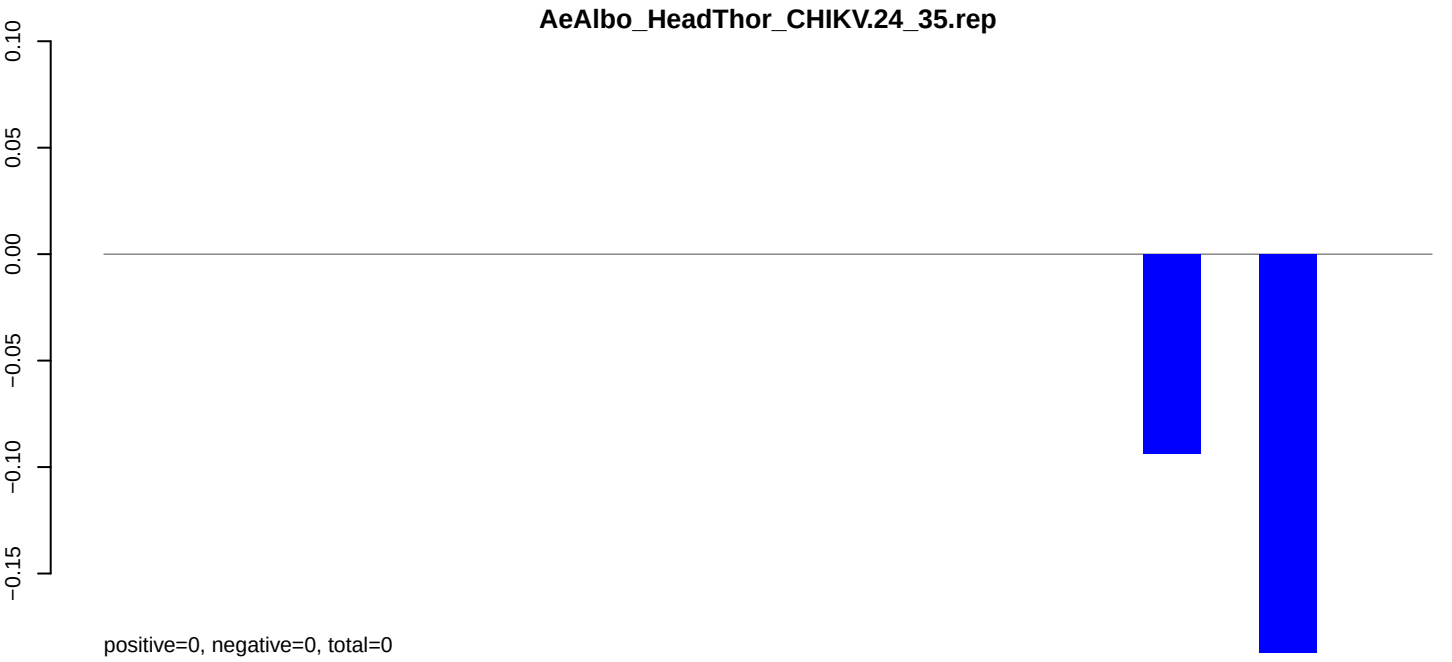

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1

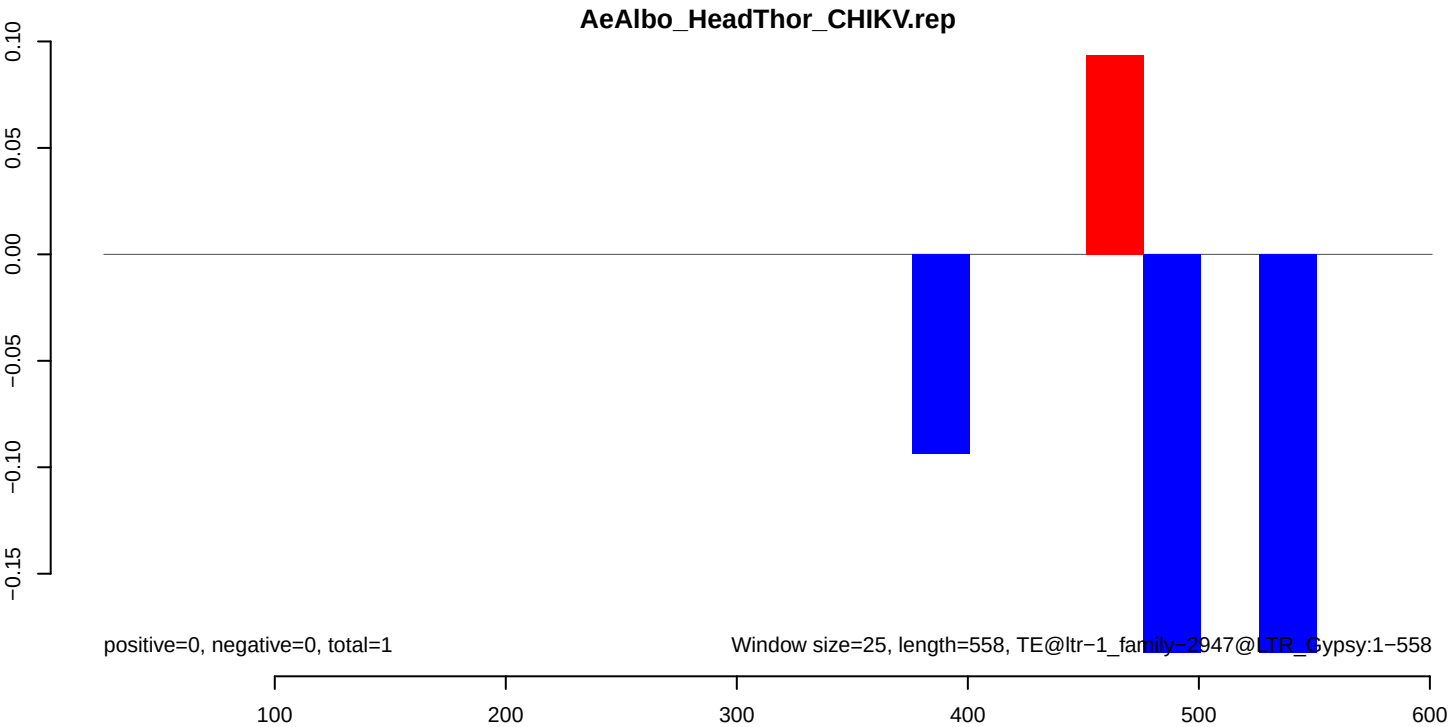
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

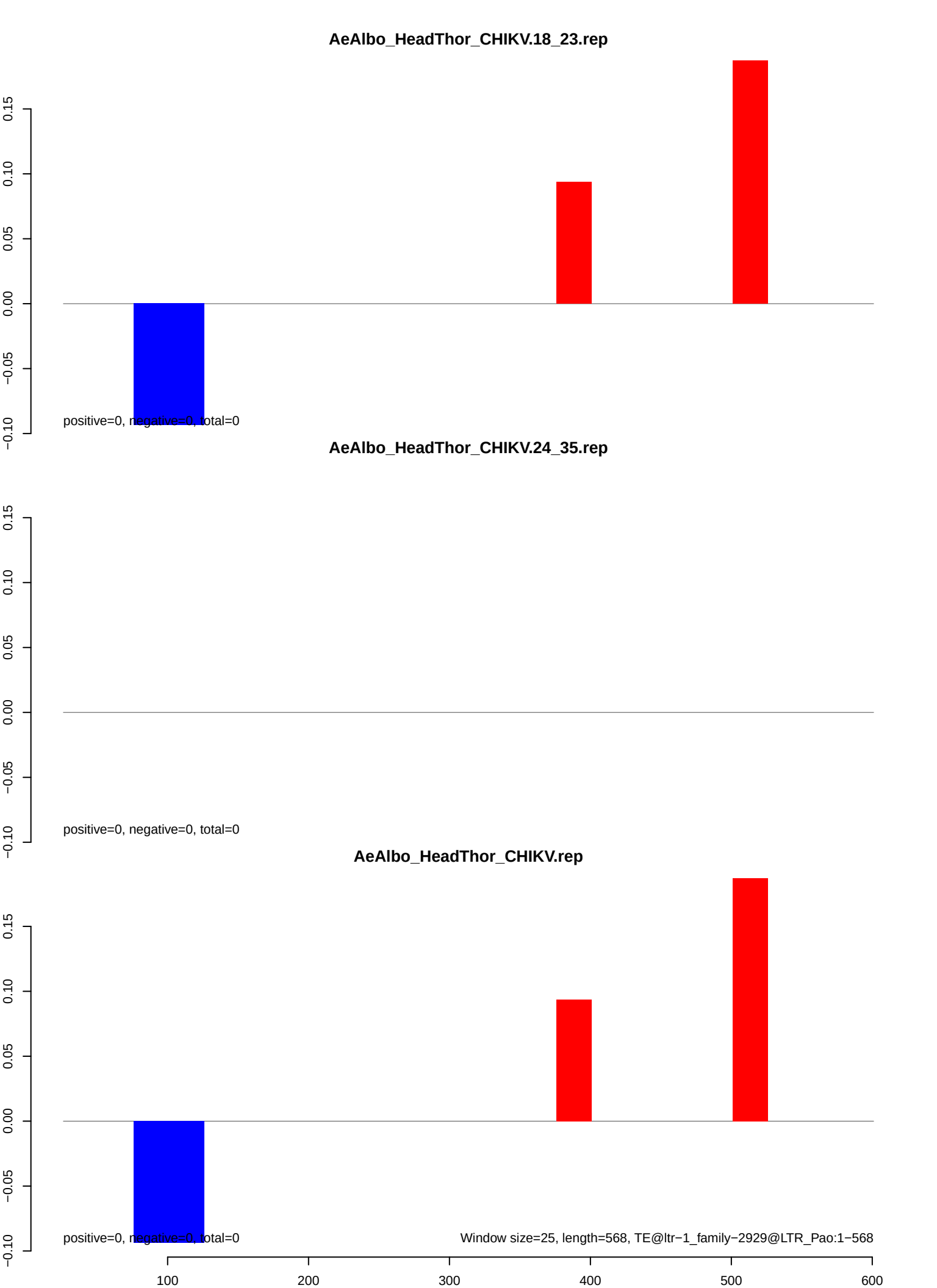

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=2002, TE@ltr−1_family−3026@LTR_Pao:1−2002
0
500
1000
1500
2000

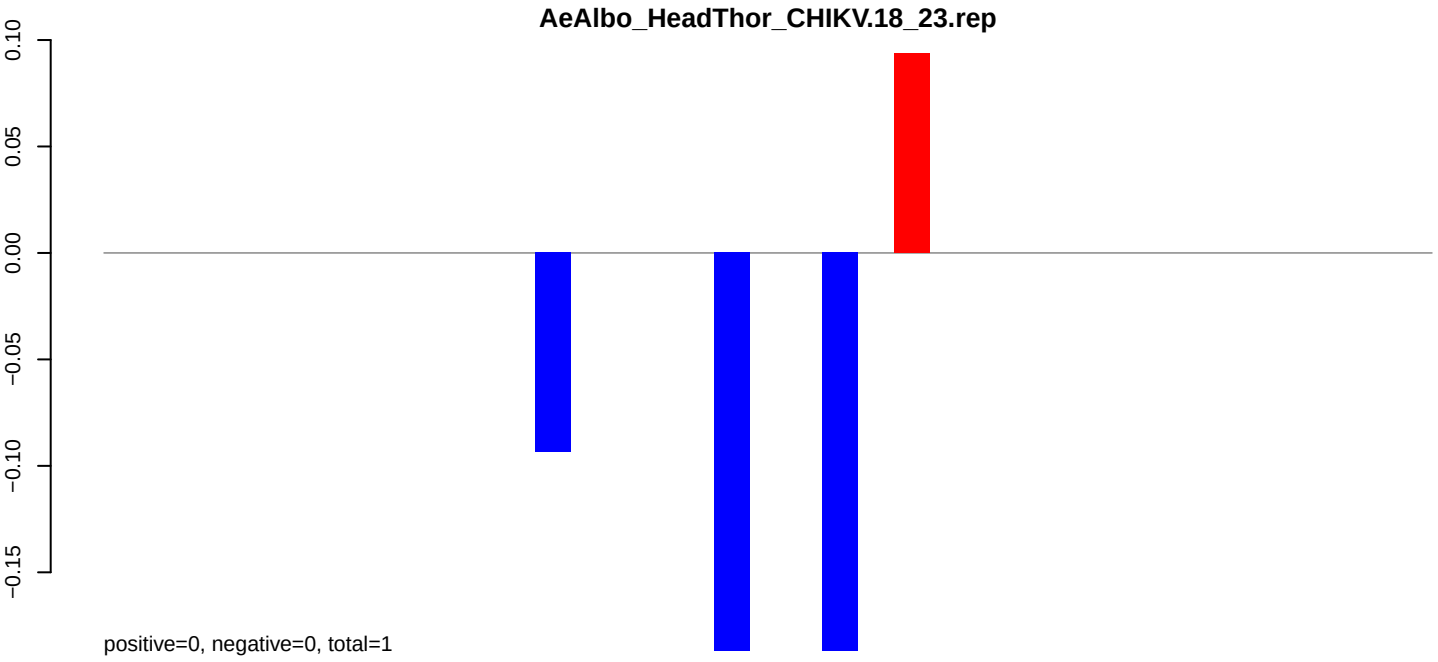

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=597, TE@ltr−1_family−2964@Unknown:1−597
100
200
300
400
500
600

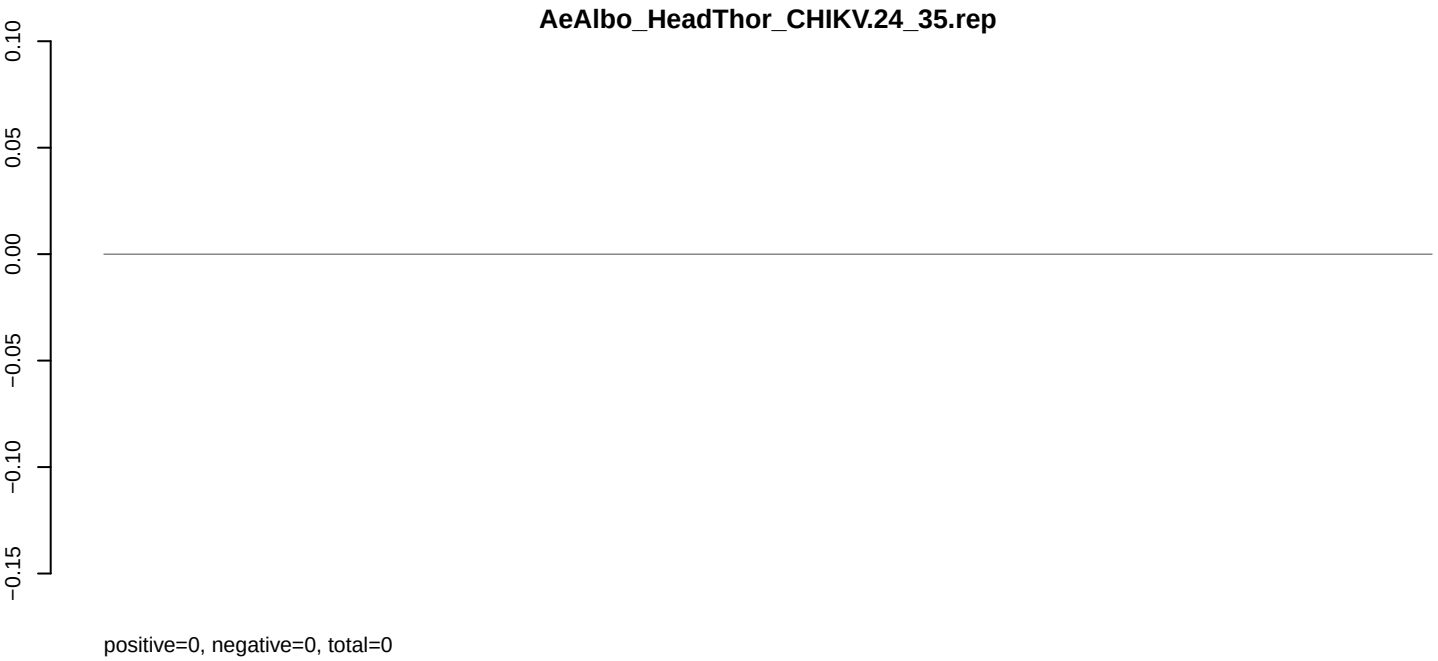

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

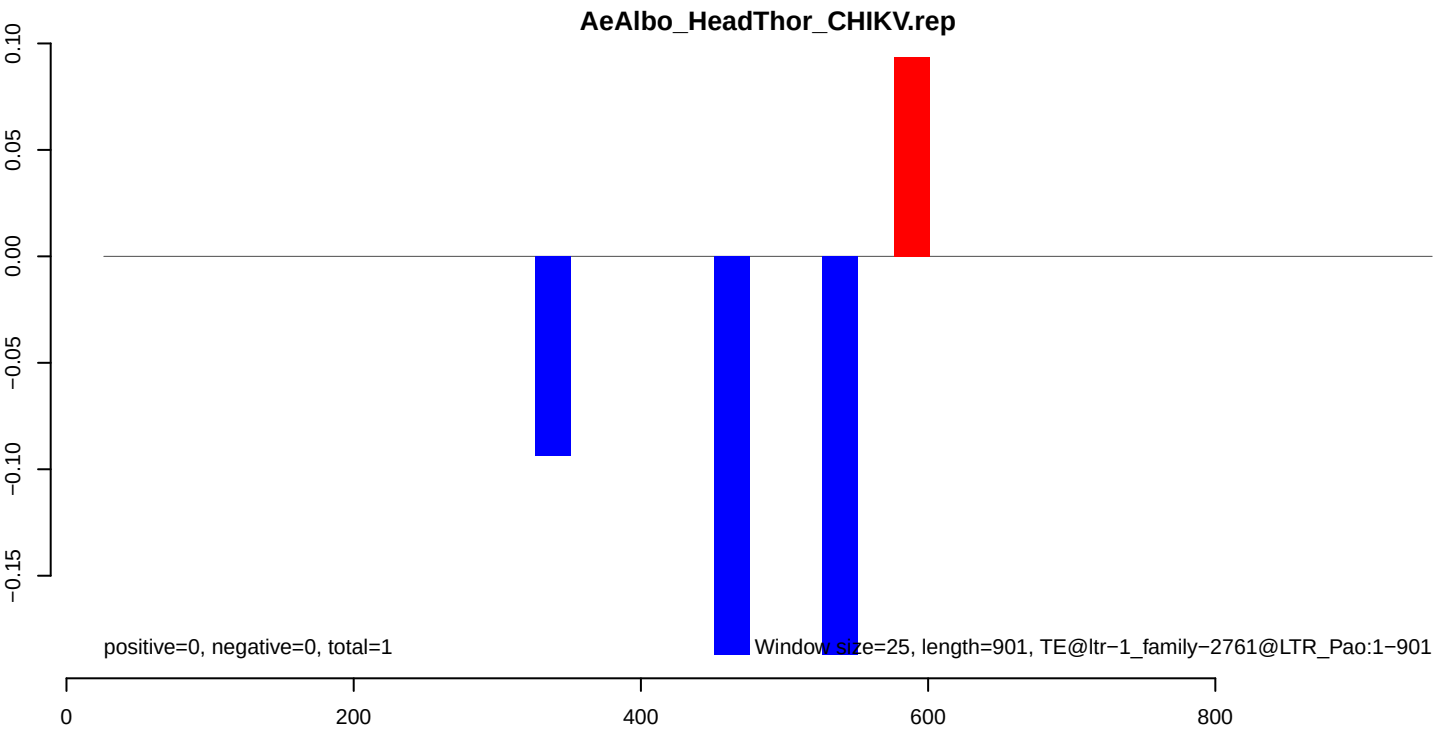

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

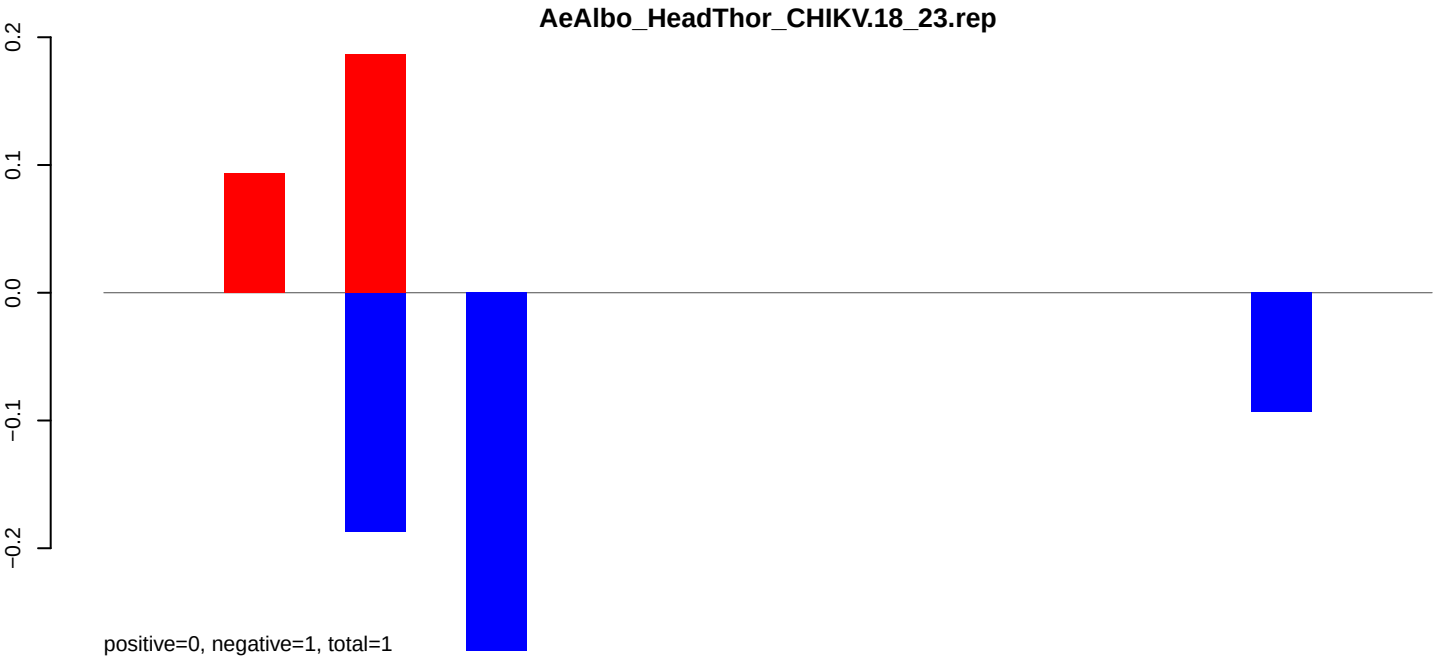

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=558, TE@ltr−1_family−2947@LTR_Gypsy:1−558
100
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=568, TE@ltr−1_family−2929@LTR_Pao:1−568
100
200
300
400
500
600

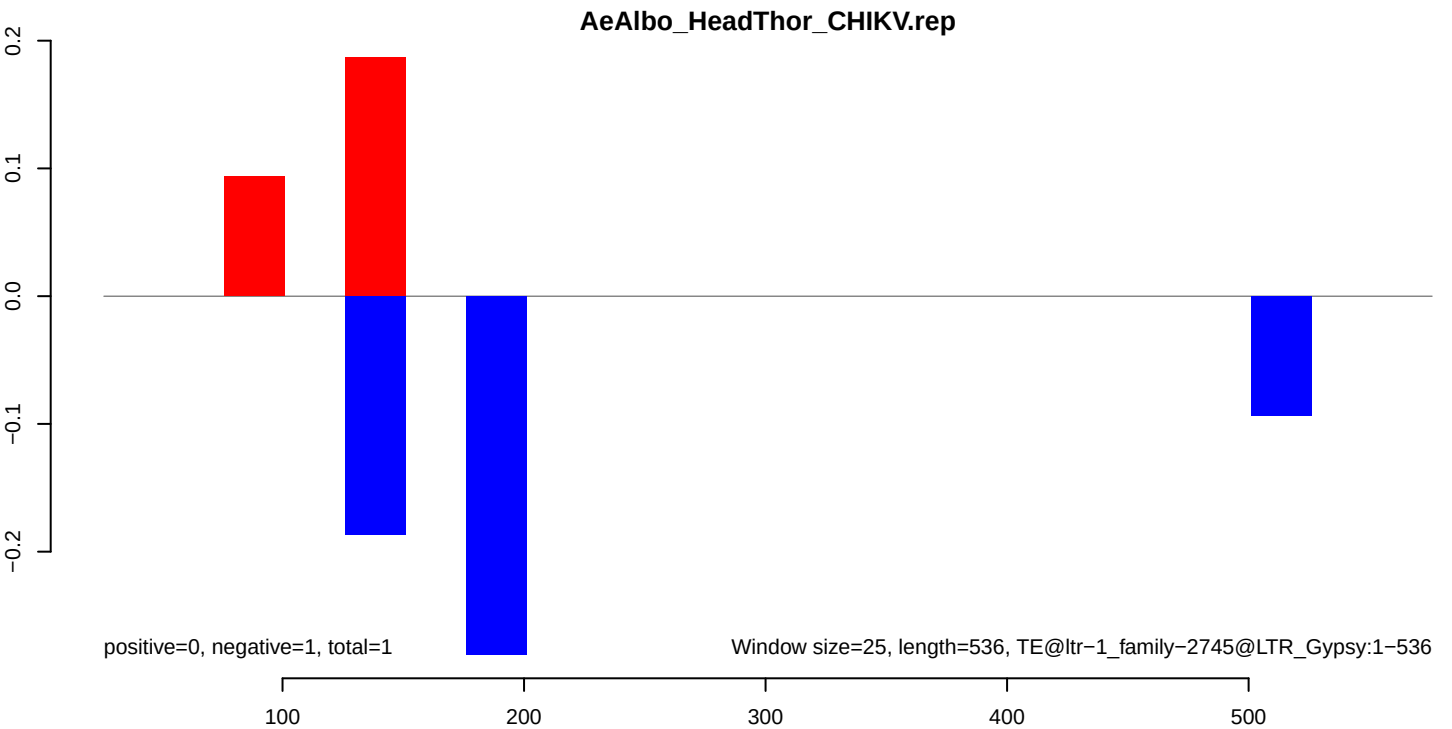

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1

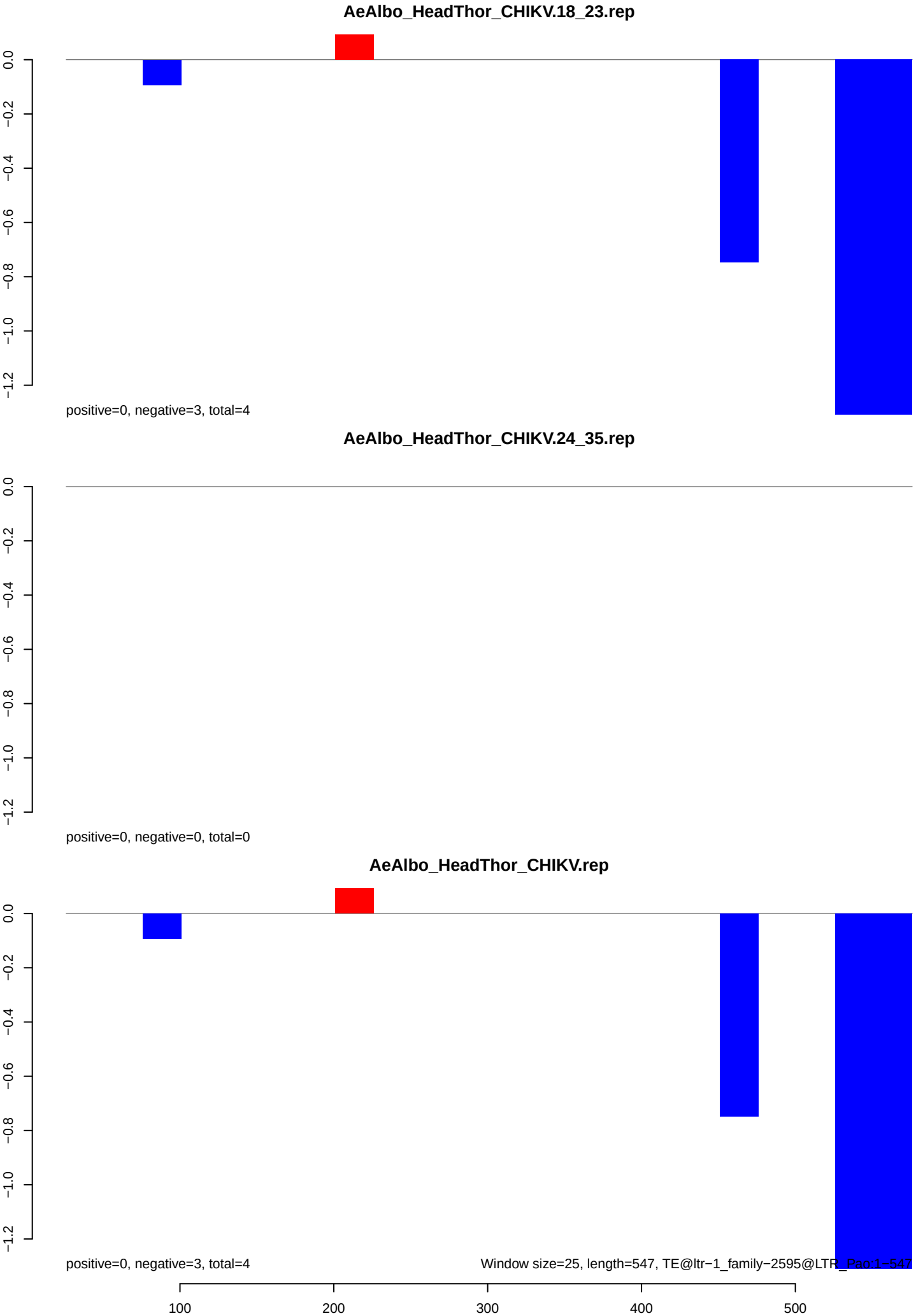

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

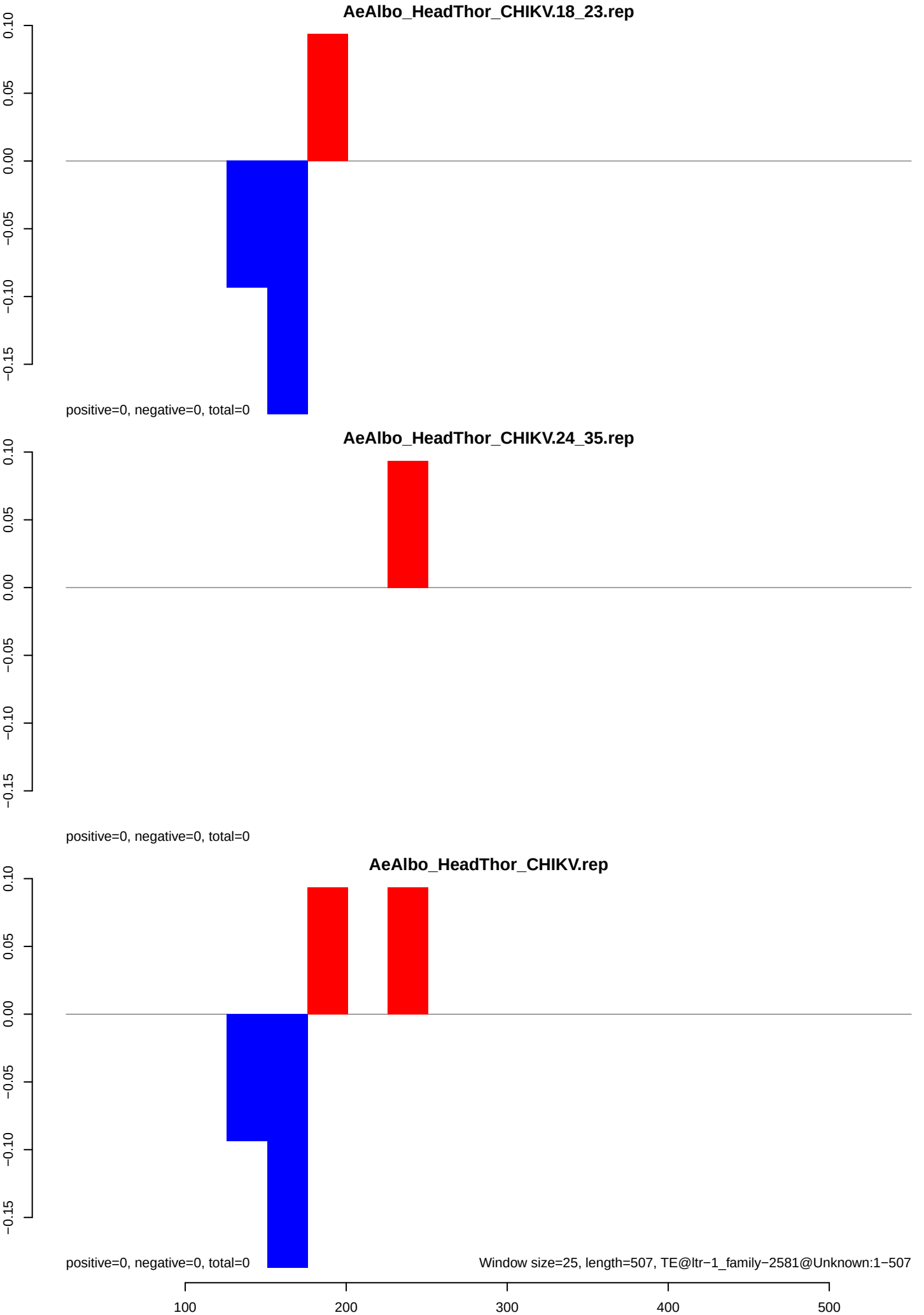

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=901, TE@ltr−1_family−2761@LTR_Pao:1−901
0
200
400
600
800

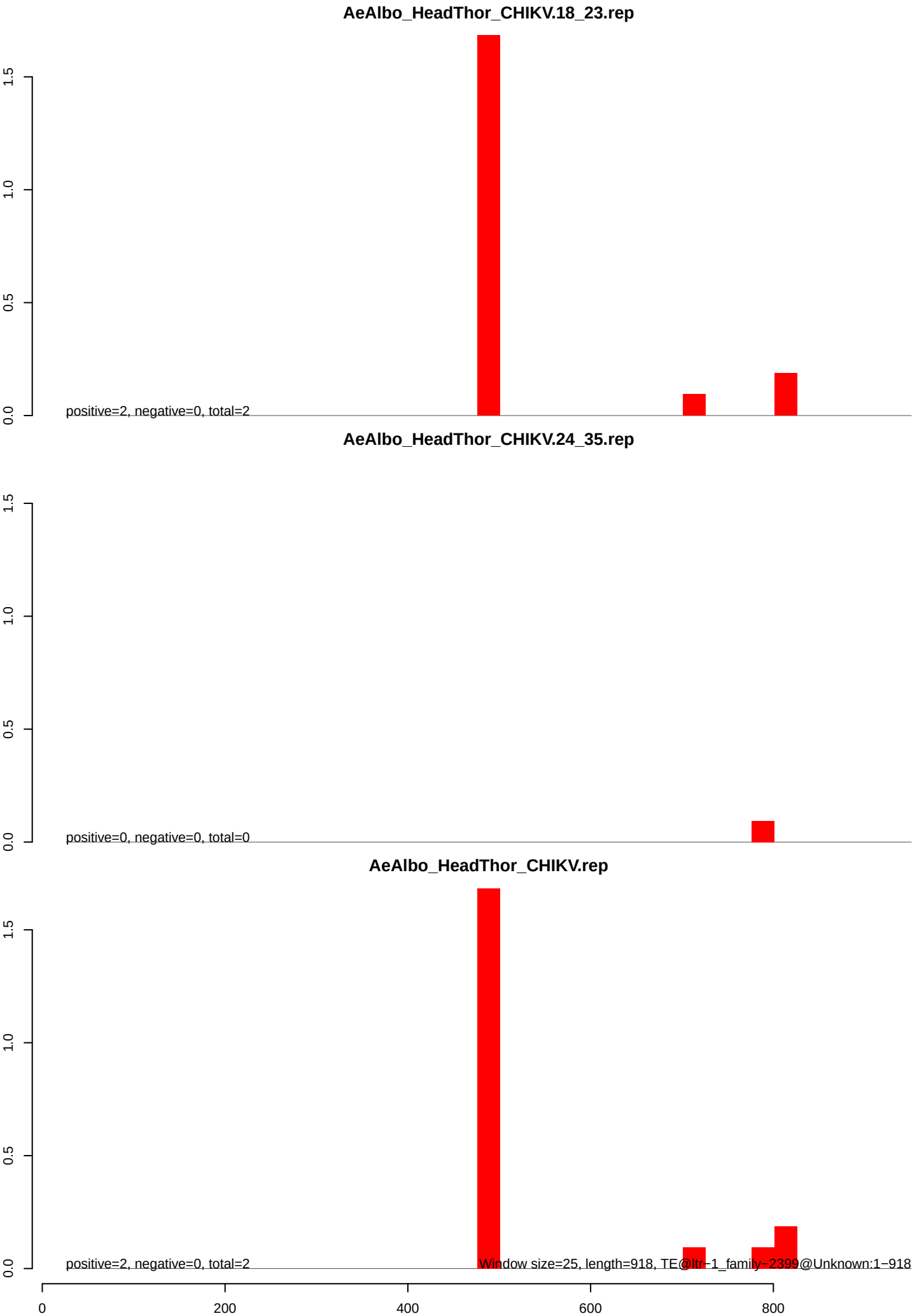

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1

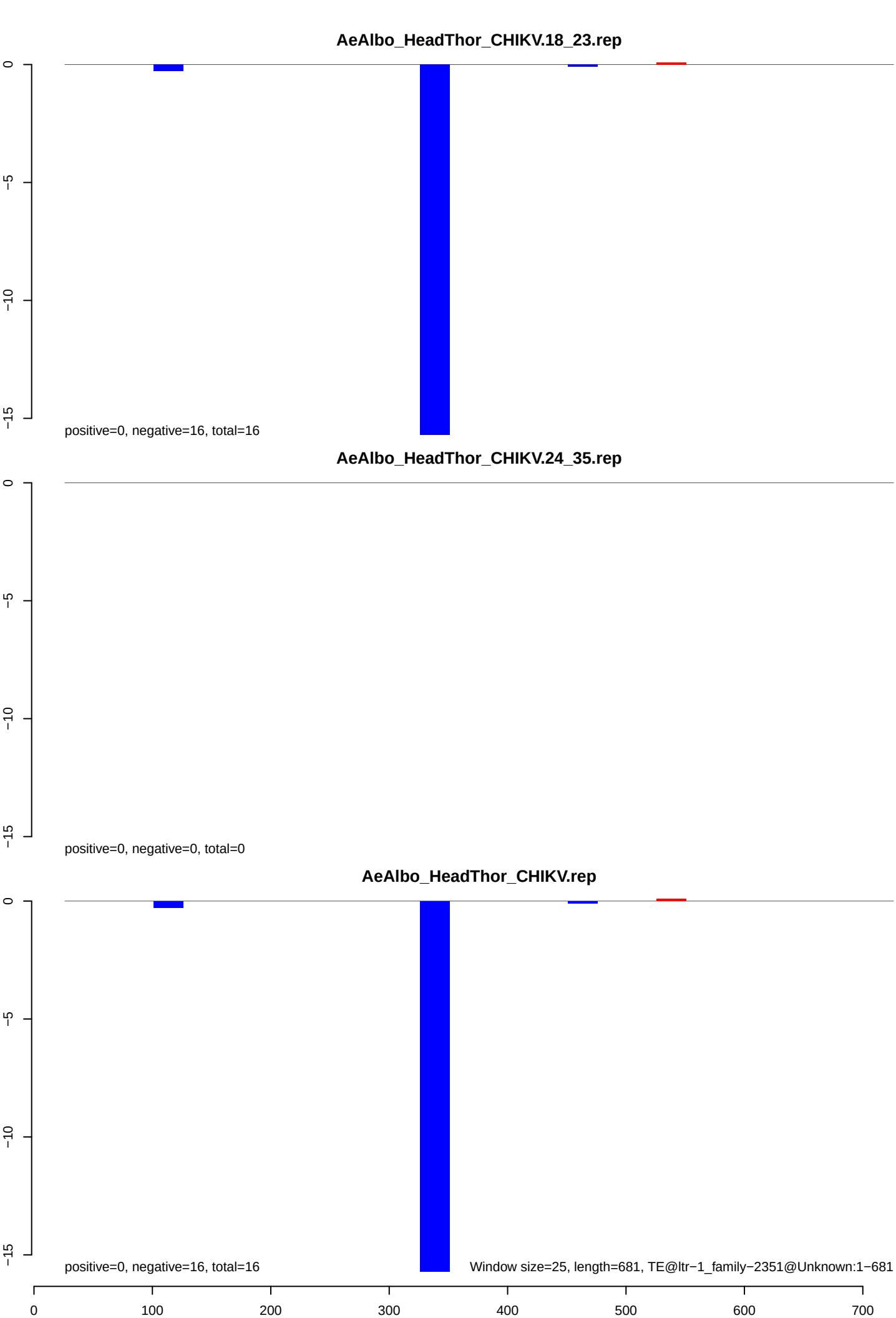
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=1, total=1
Window size=25, length=536, TE@ltr−1_family−2745@LTR_Gypsy:1−536
100
200
300
400
500

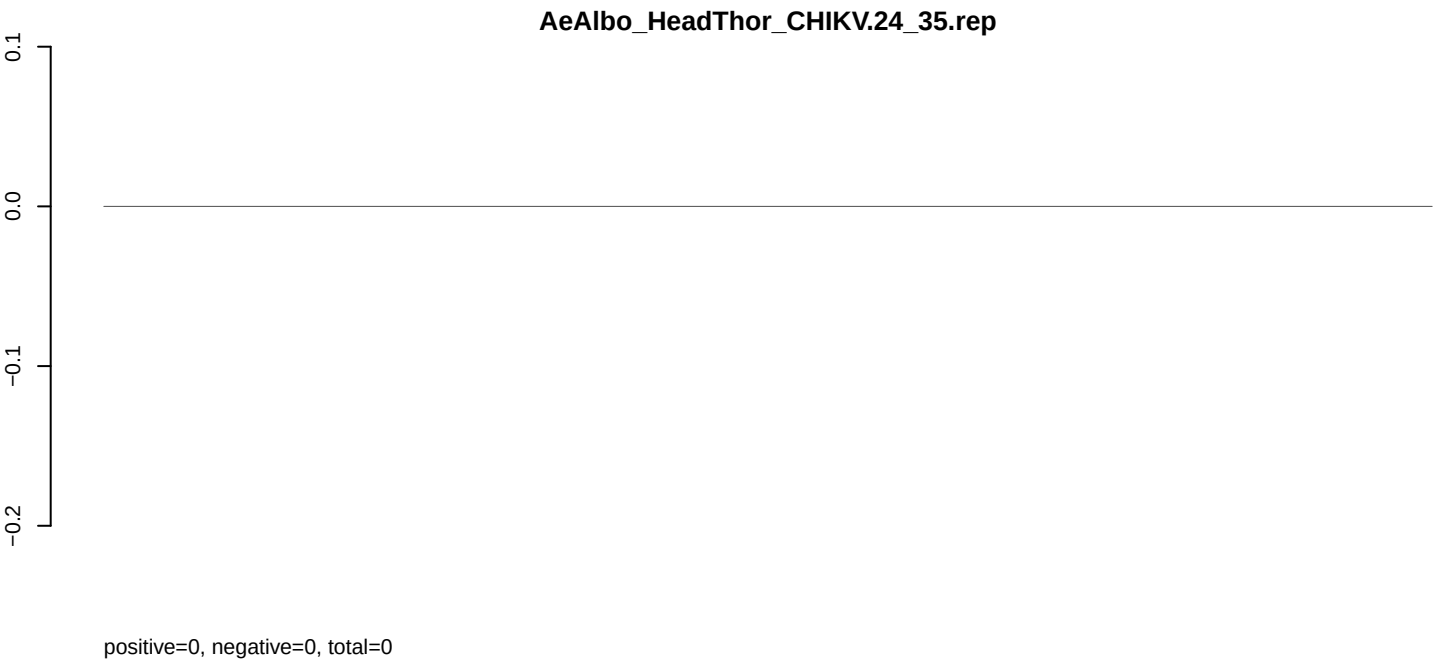

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=3, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
positive=0, negative=3, total=4
Window size=25, length=547, TE@ltr−1_family−2595@LTR_Pao:1−547
100
200
300
400
500

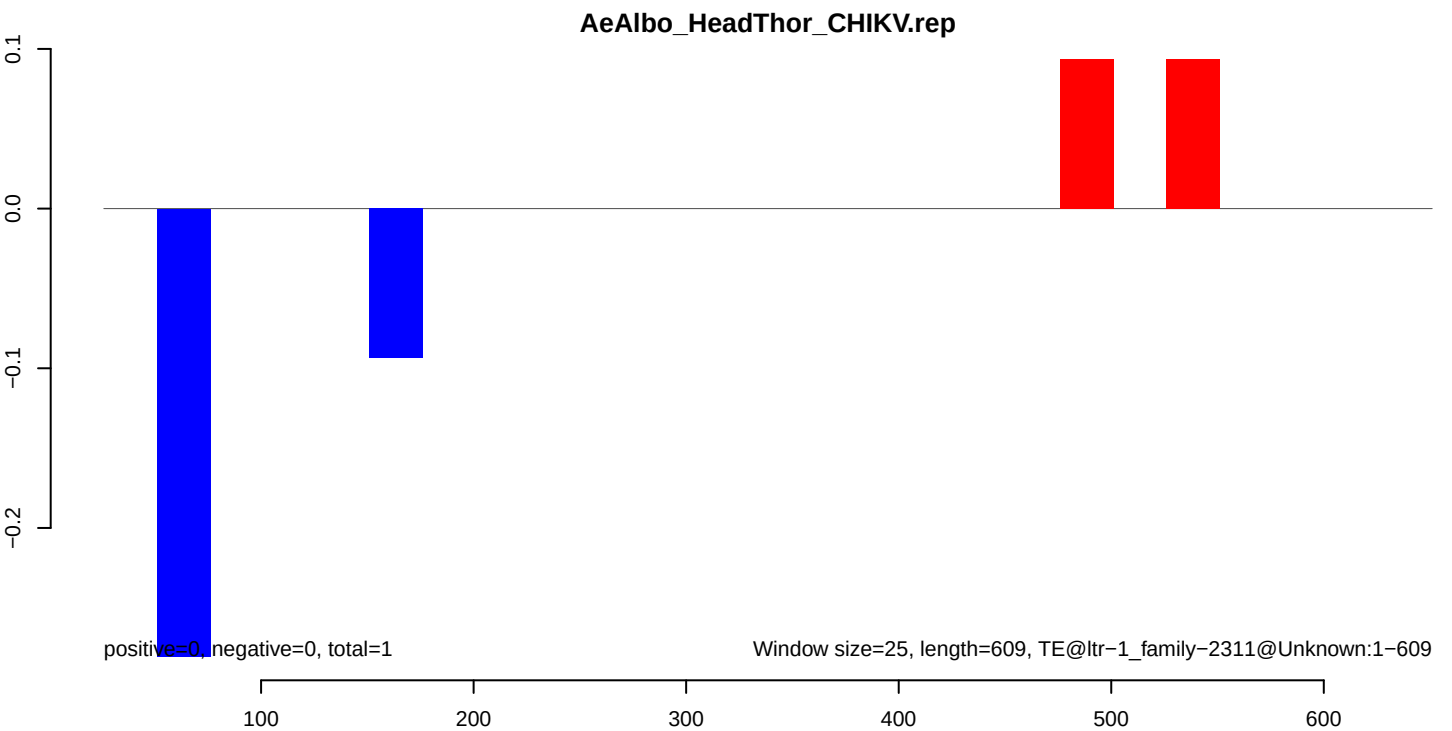

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=507, TE@ltr−1_family−2581@Unknown:1−507
100
200
300
400
500

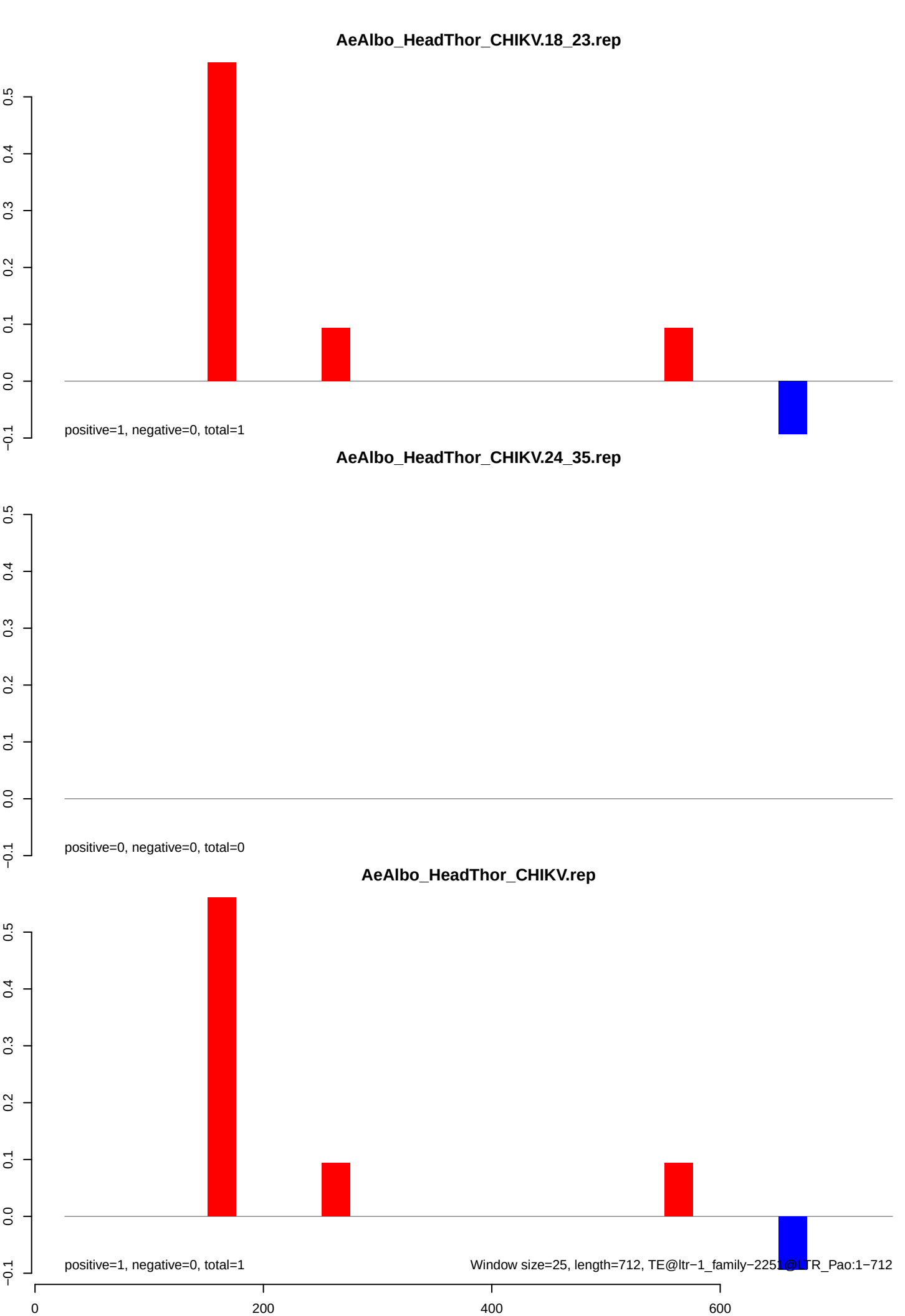

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
Window size=25, length=918, TE@ltr−1_family−2399@Unknown:1−918
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
positive=0, negative=16, total=16
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=0, negative=16, total=16
Window size=25, length=681, TE@ltr−1_family−2351@Unknown:1−681
0
100
200
300
400
500
600
700

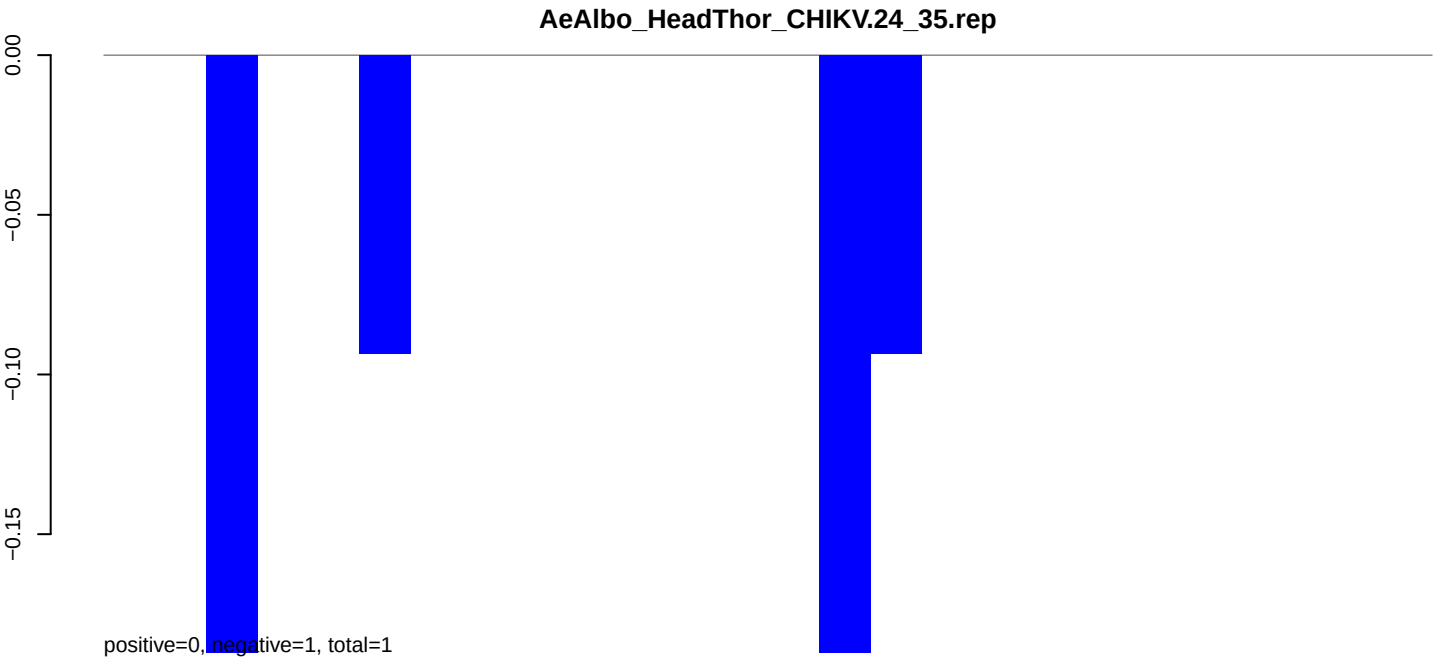
AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1

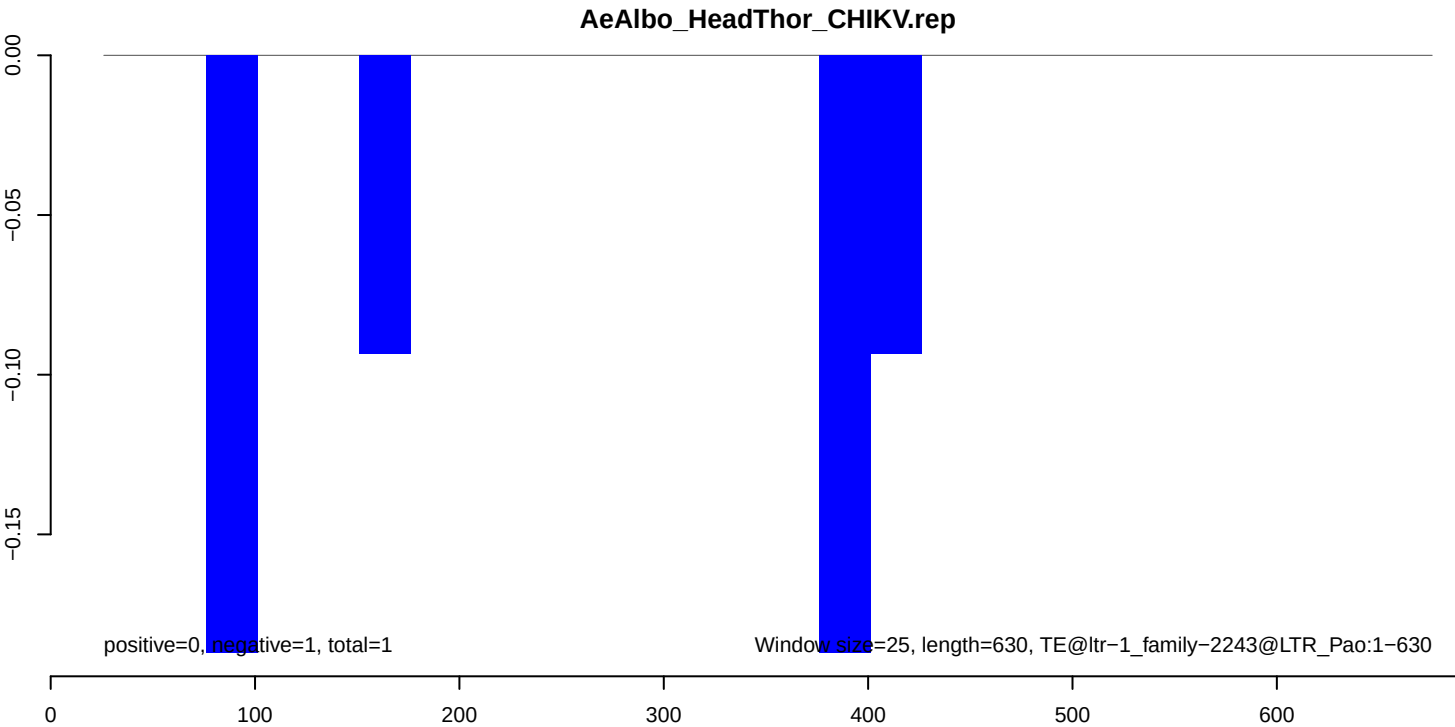

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=609, TE@ltr−1_family−2311@Unknown:1−609
100
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=712, TE@ltr−1_family−2251@LTR_Pao:1−712
0
200
400
600

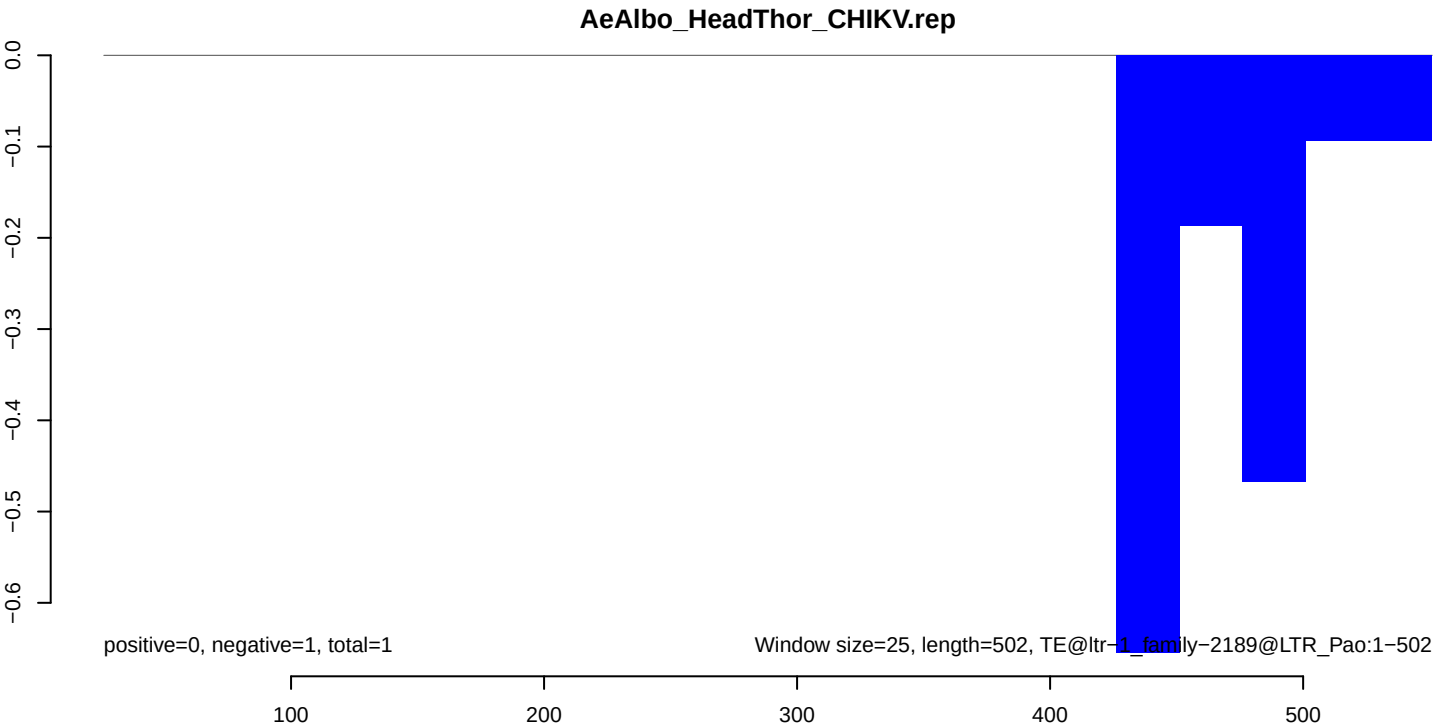
AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

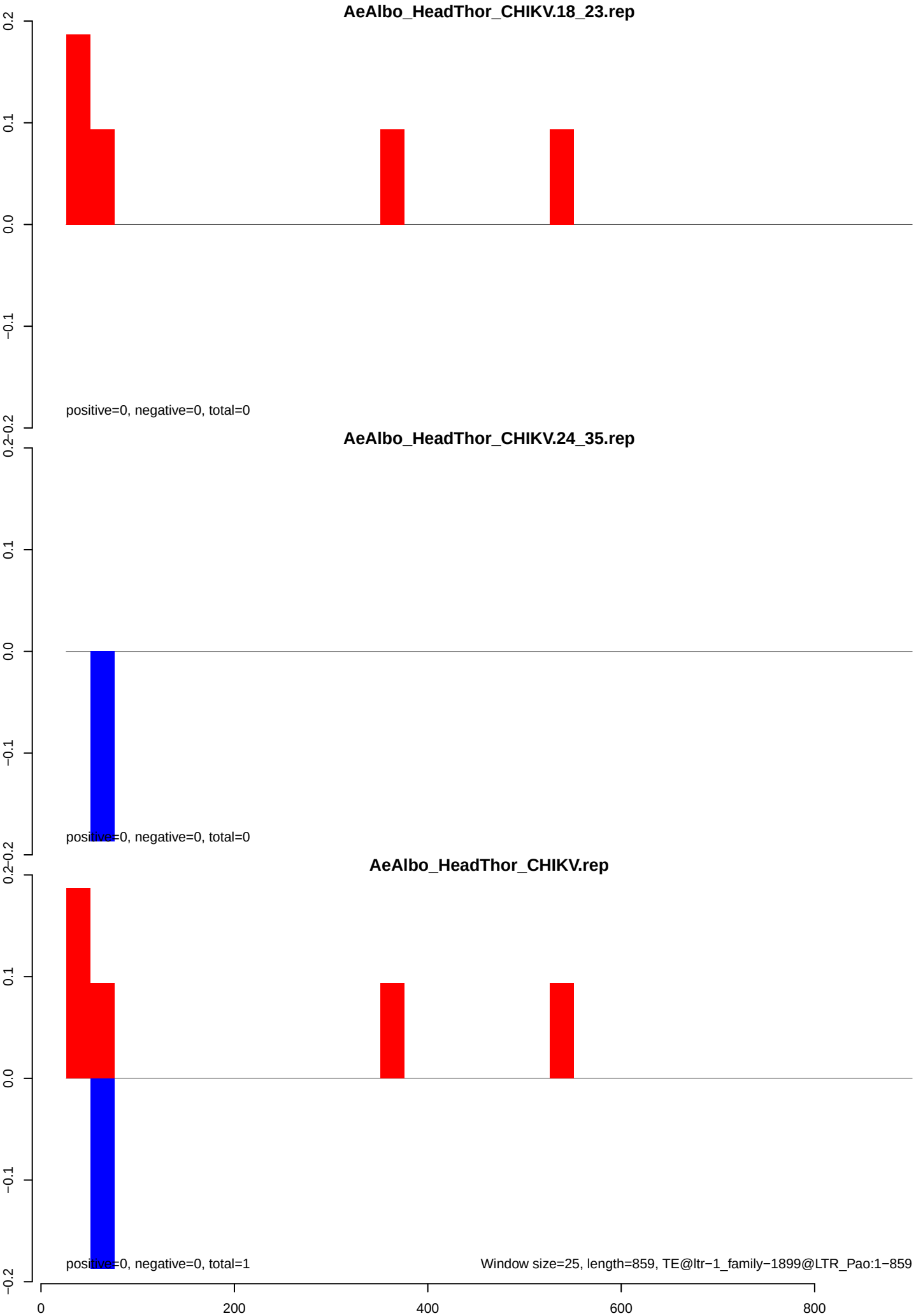

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1

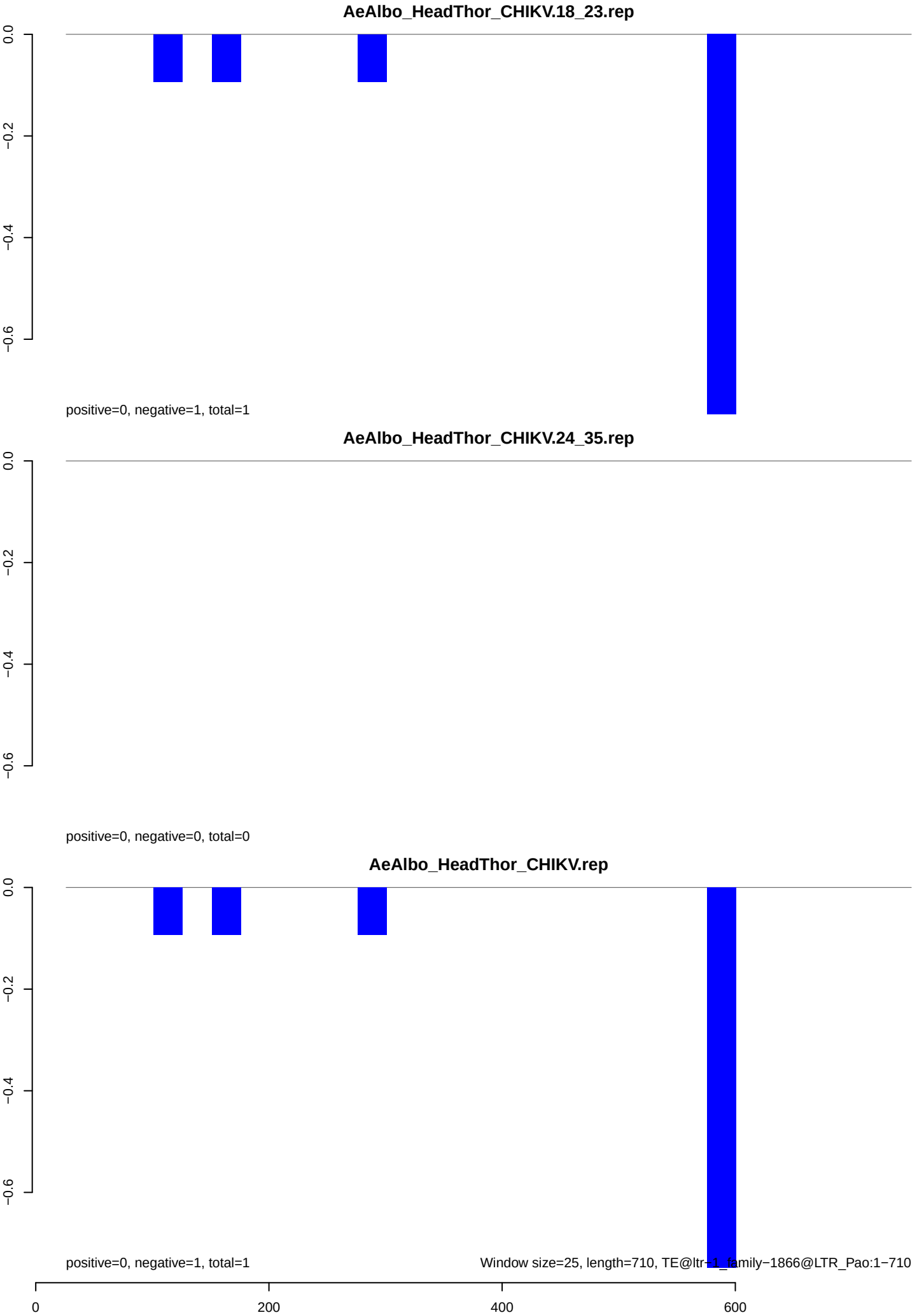

AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=630, TE@ltr−1_family−2243@LTR_Pao:1−630
0
100
200
300
400
500
600
700

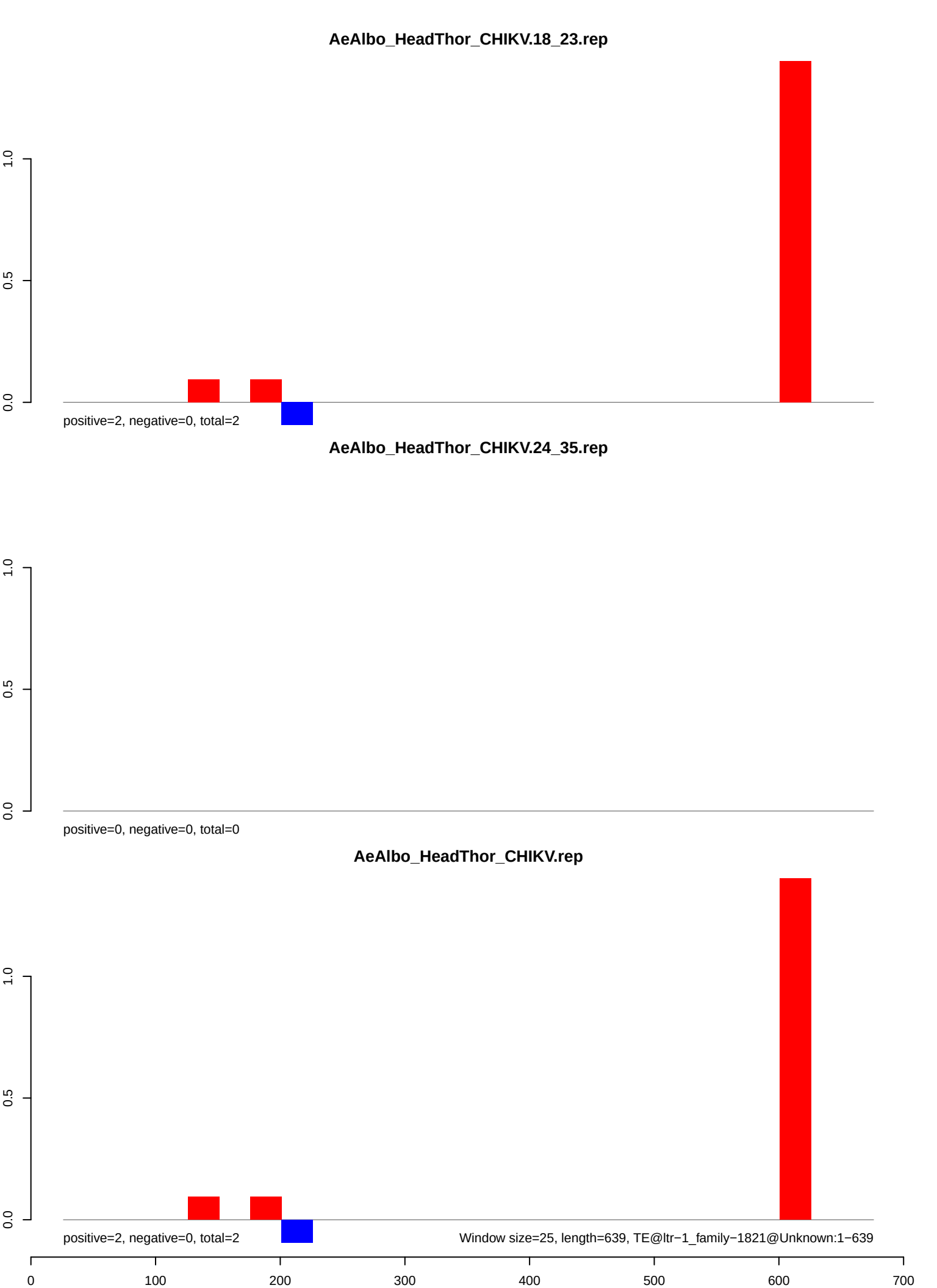
AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0

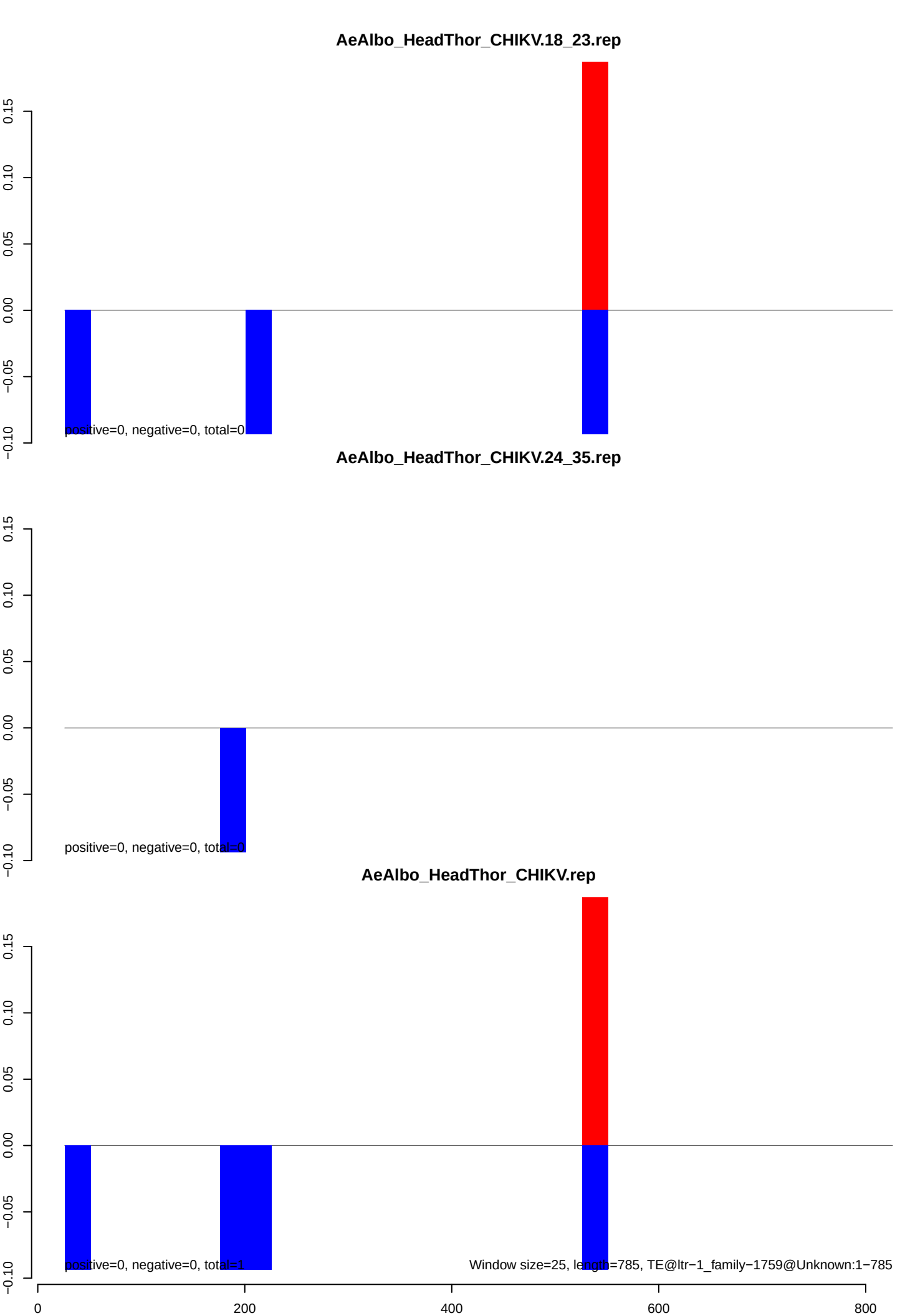
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1

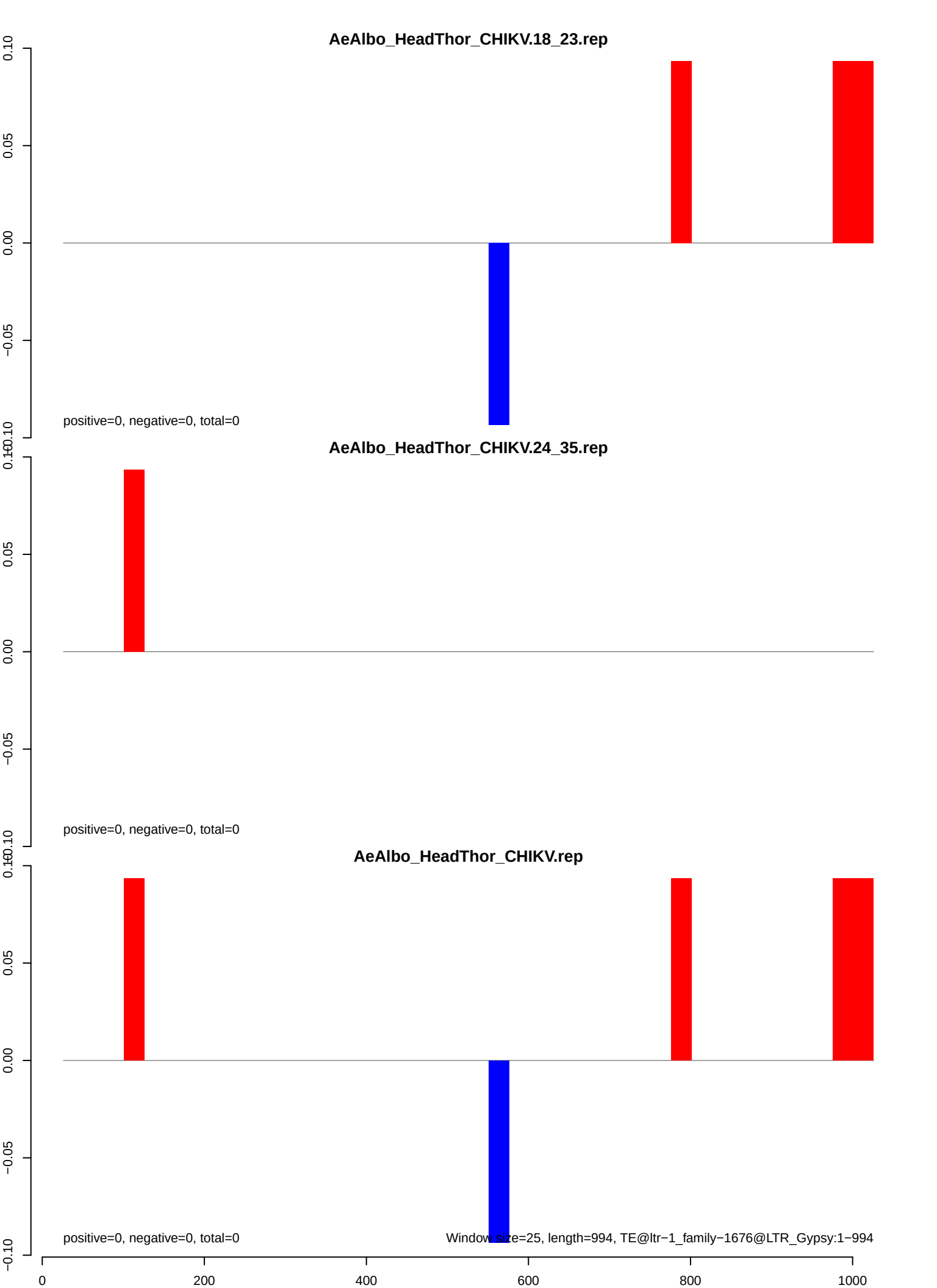

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.6
positive=0, negative=1, total=1
Window size=25, length=502, TE@ltr−1_family−2189@LTR_Pao:1−502
100
200
300
400
500

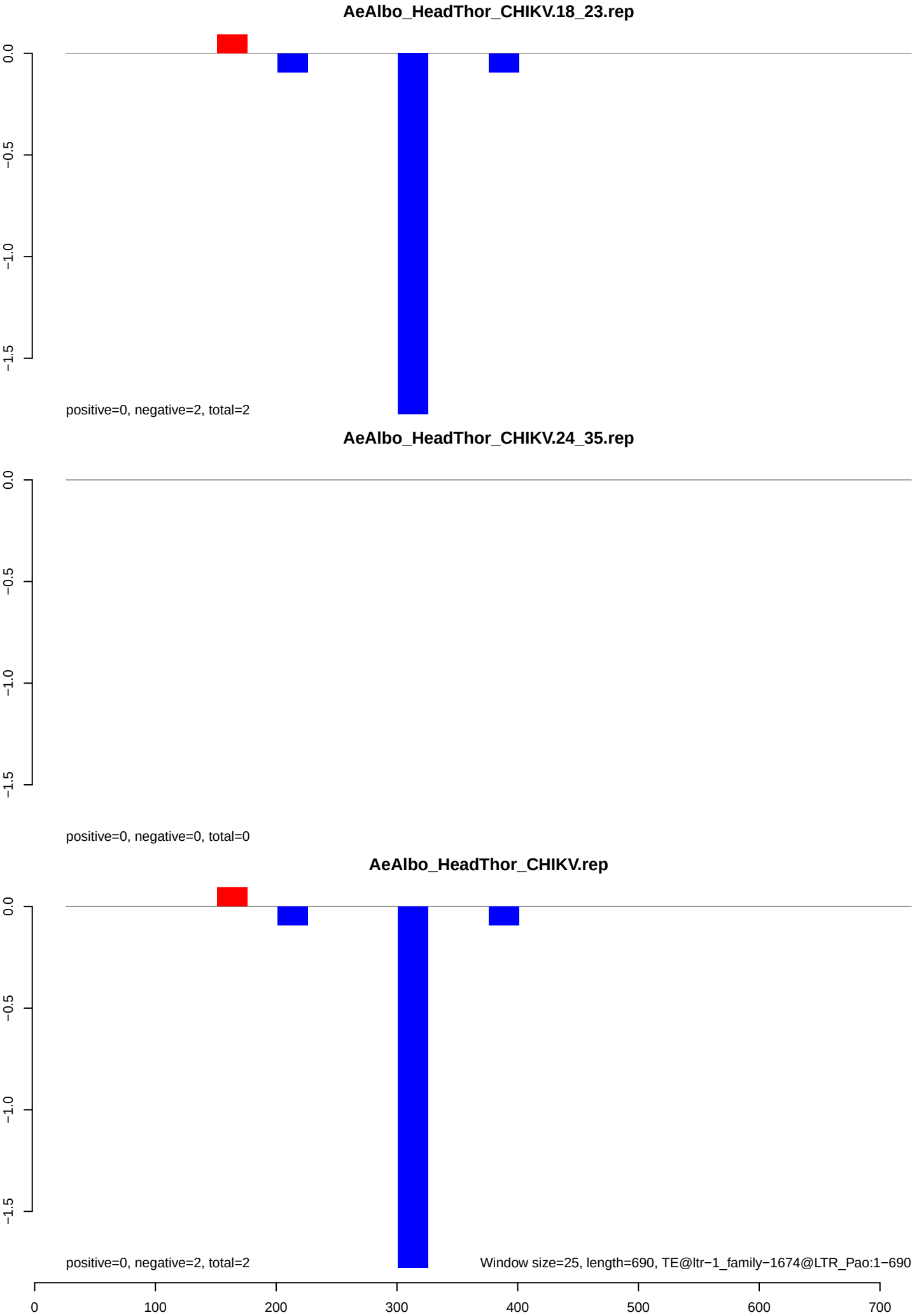

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=859, TE@ltr−1_family−1899@LTR_Pao:1−859
0.2
0.1
0.0
−0.1
−0.2
0
200
400
600
800

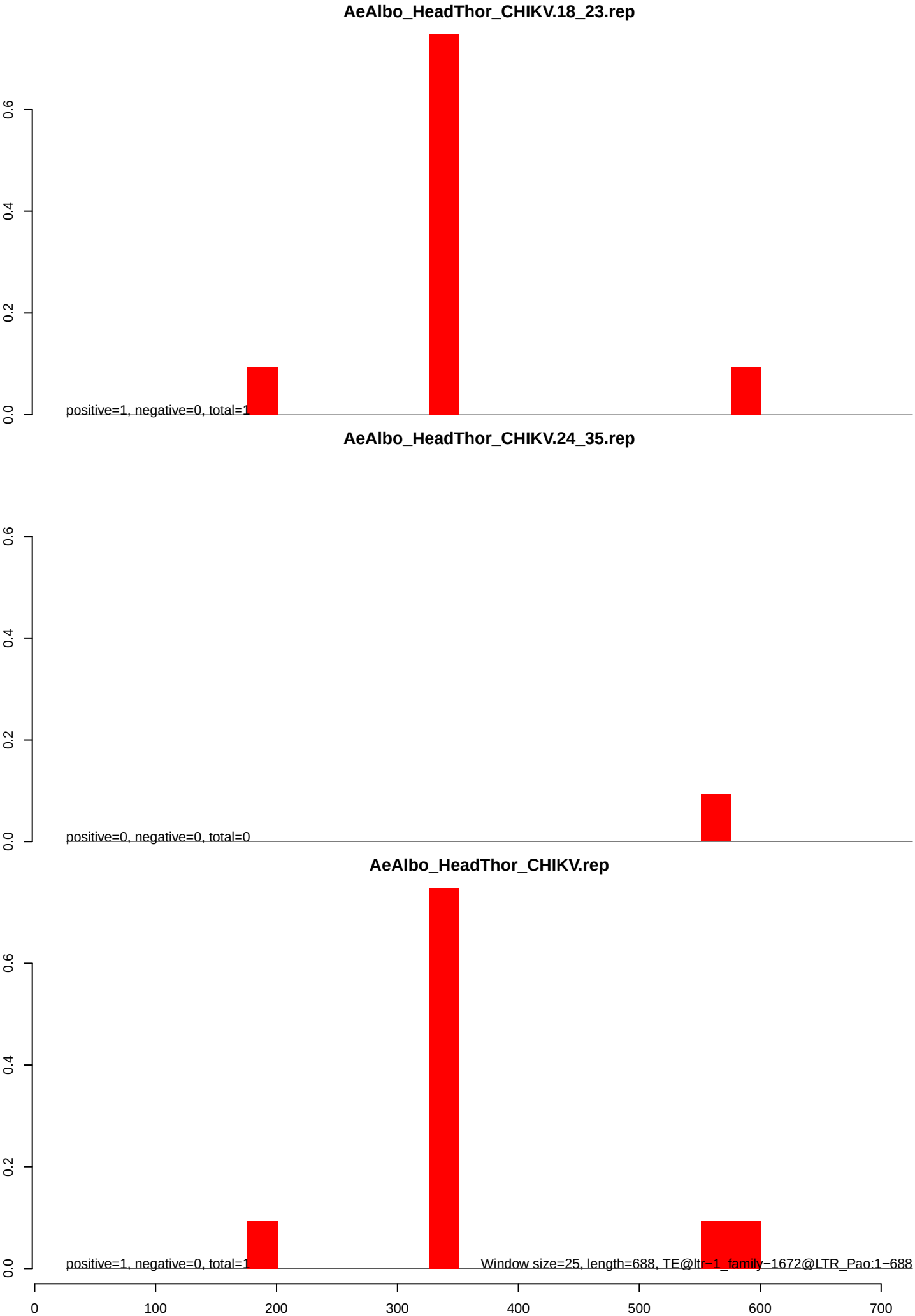

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=710, TE@ltr−1_family−1866@LTR_Pao:1−710
0
200
400
600

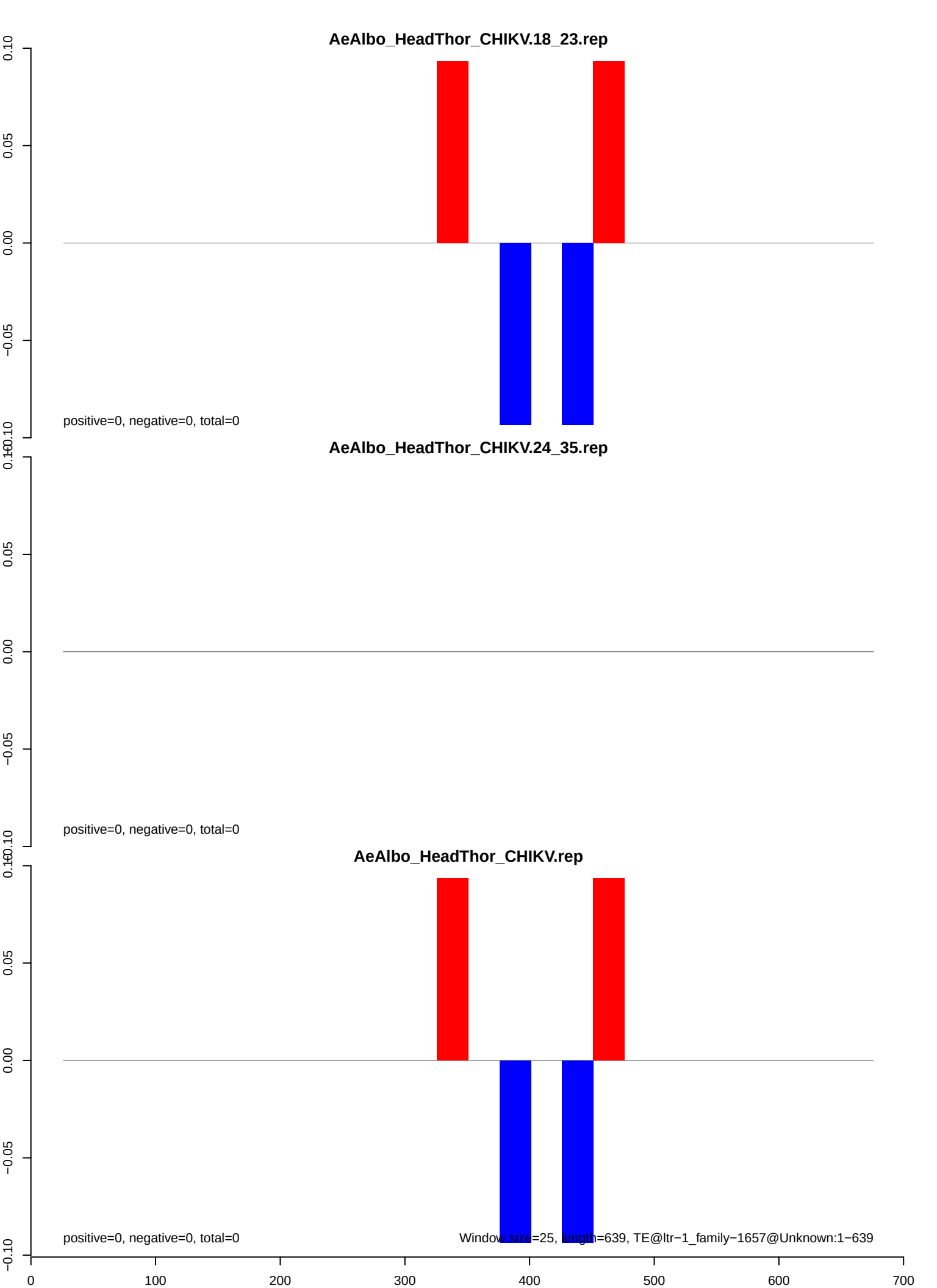

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=2, negative=0, total=2
Window size=25, length=639, TE@ltr−1_family−1821@Unknown:1−639
0
100
200
300
400
500
600
700

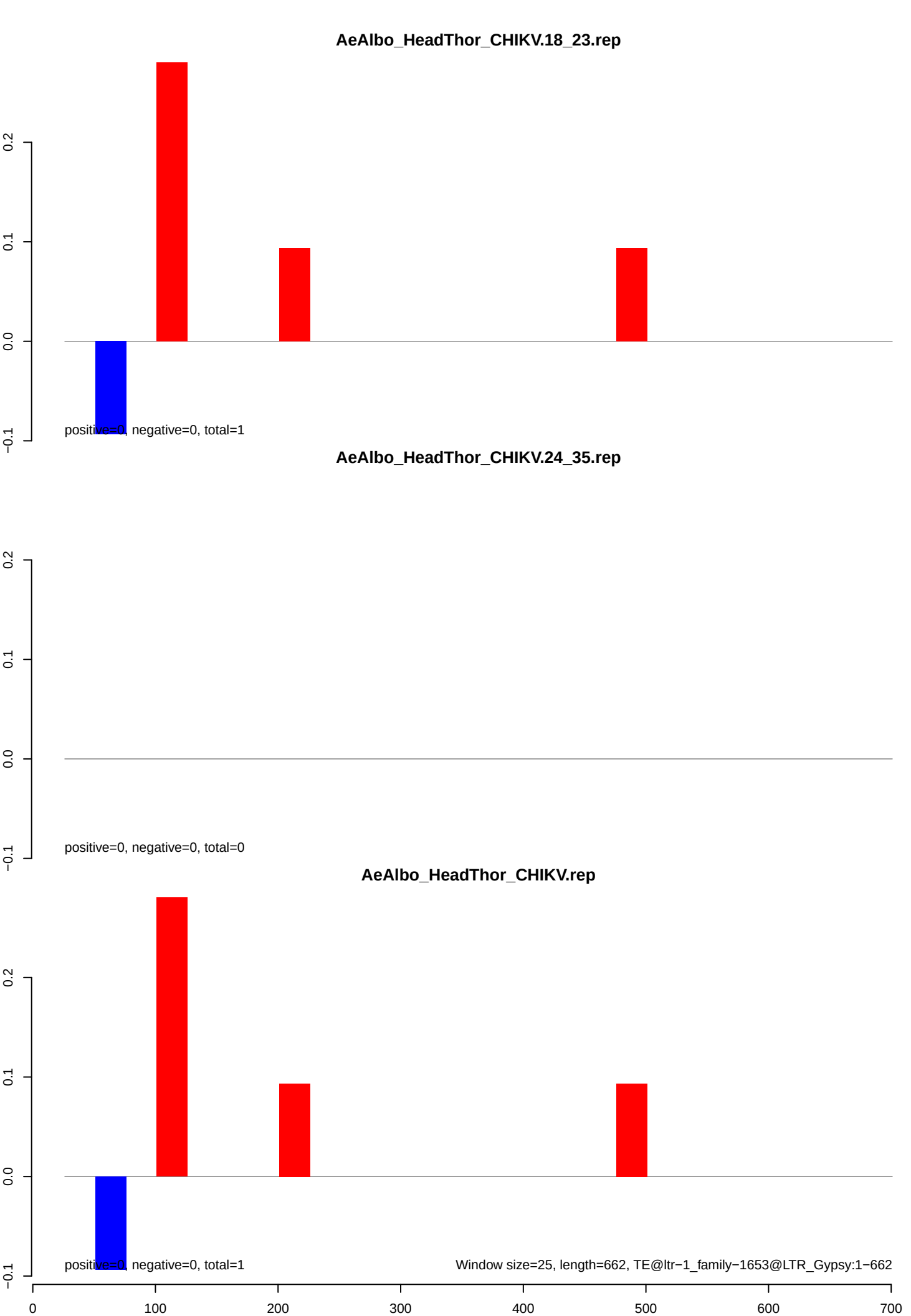

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=785, TE@ltr−1_family−1759@Unknown:1−785
0
200
400
600
800

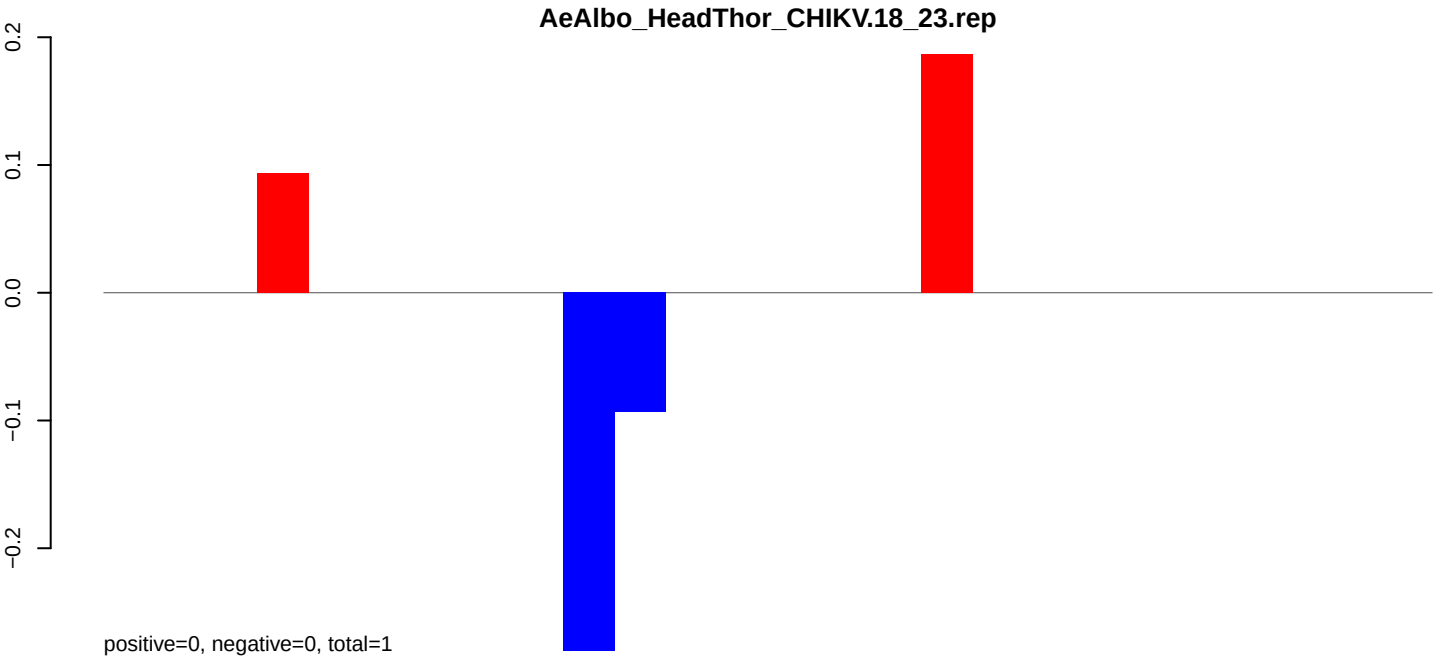

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=994, TE@ltr−1_family−1676@LTR_Gypsy:1−994
0
200
400
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
Window size=25, length=690, TE@ltr−1_family−1674@LTR_Pao:1−690
0
100
200
300
400
500
600
700

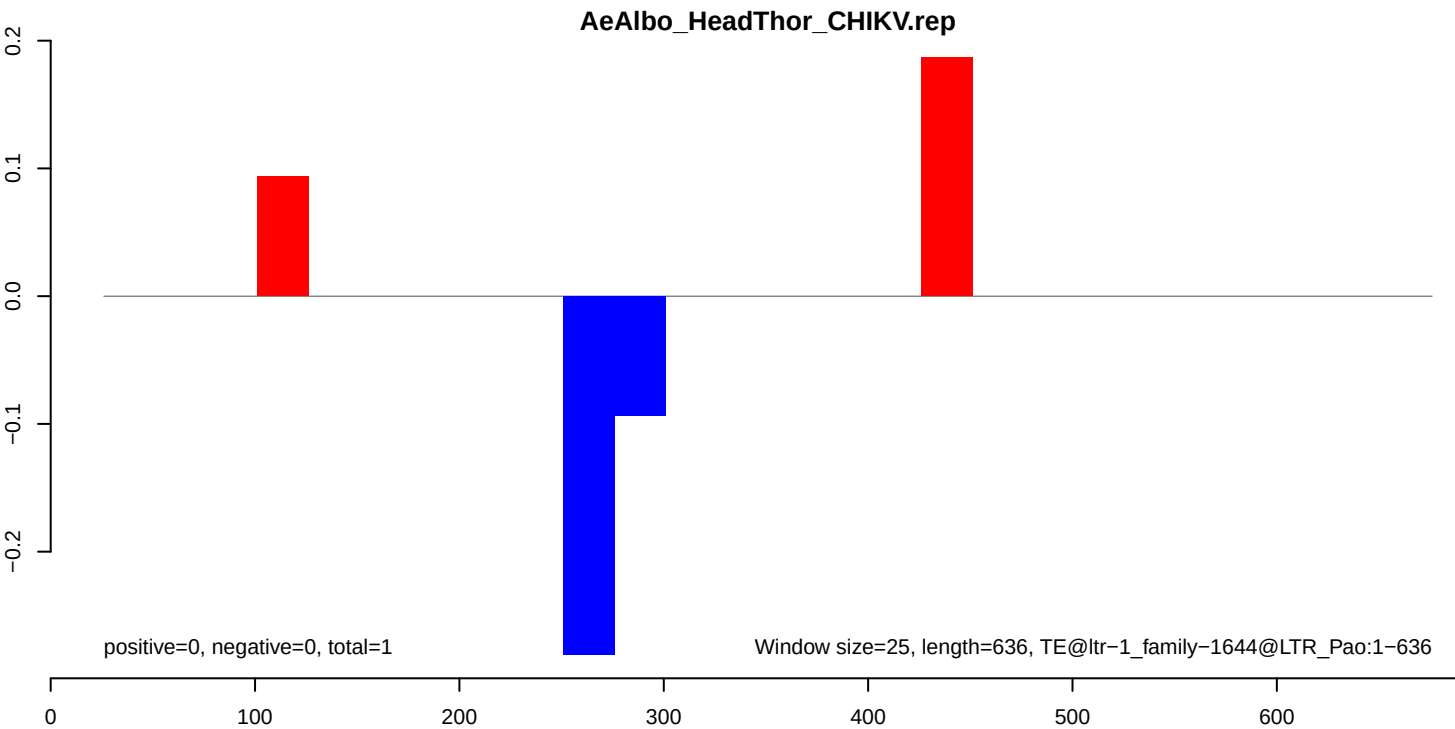

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=688, TE@ltr−1_family−1672@LTR_Pao:1−688
0
100
200
300
400
500
600
700

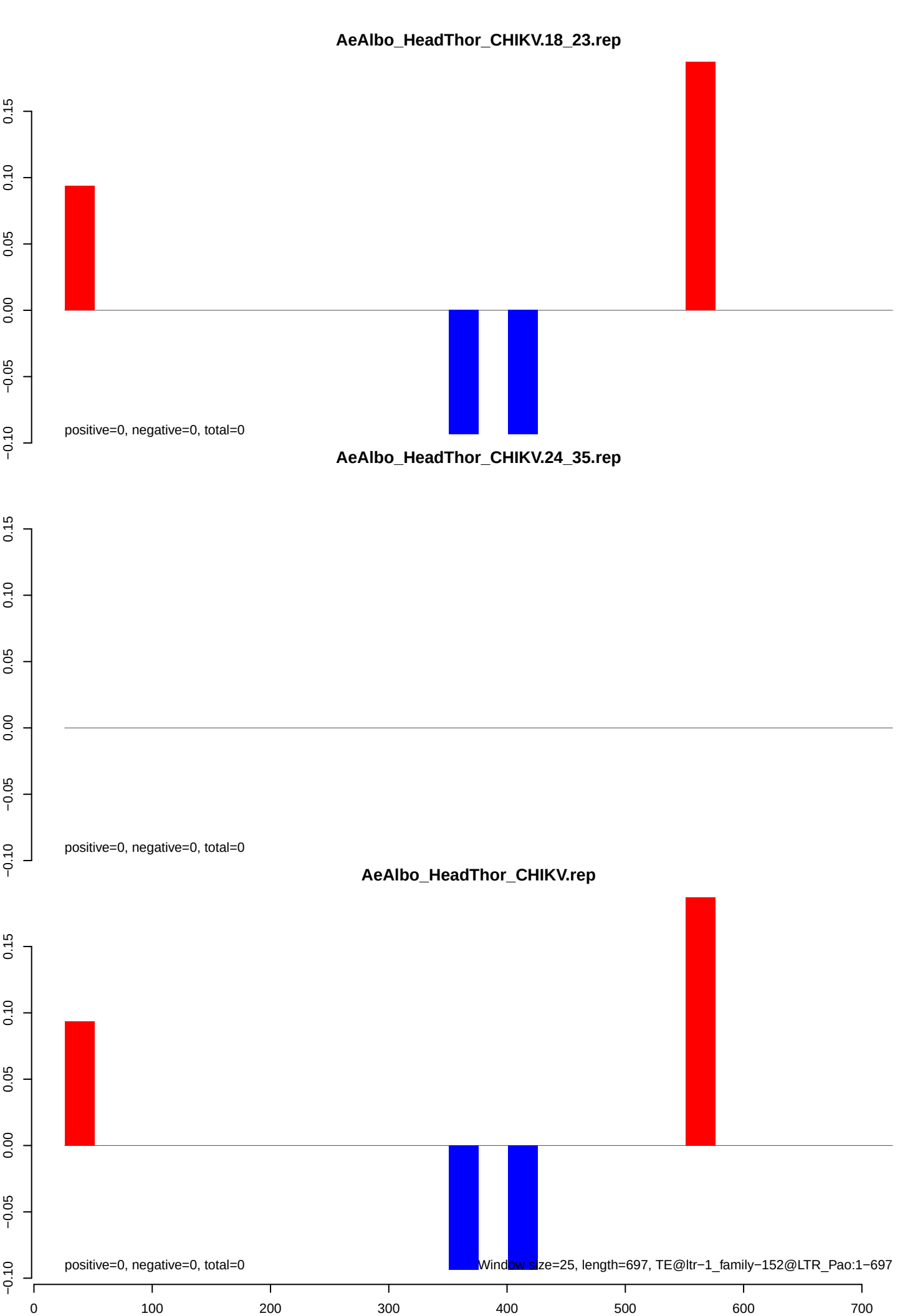

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=639, TE@ltr−1_family−1657@Unknown:1−639
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700

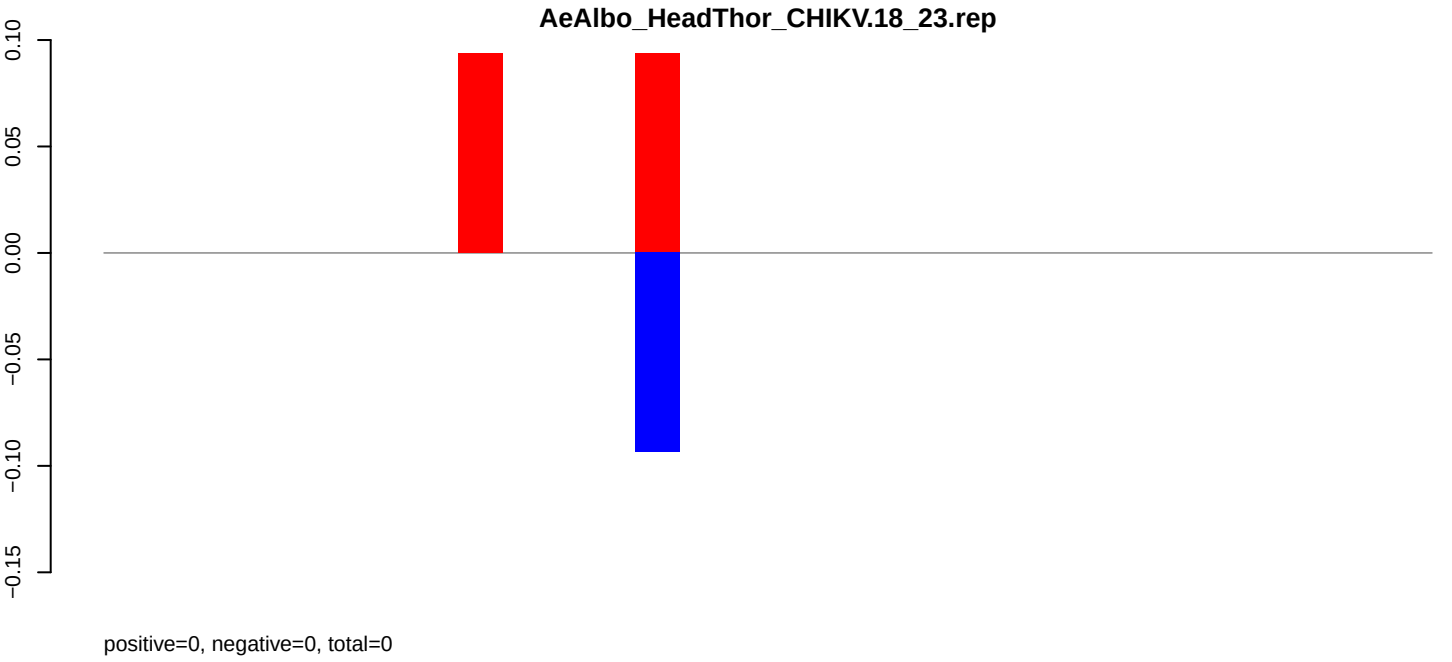

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=662, TE@ltr−1_family−1653@LTR_Gypsy:1−662
0
100
200
300
400
500
600
700

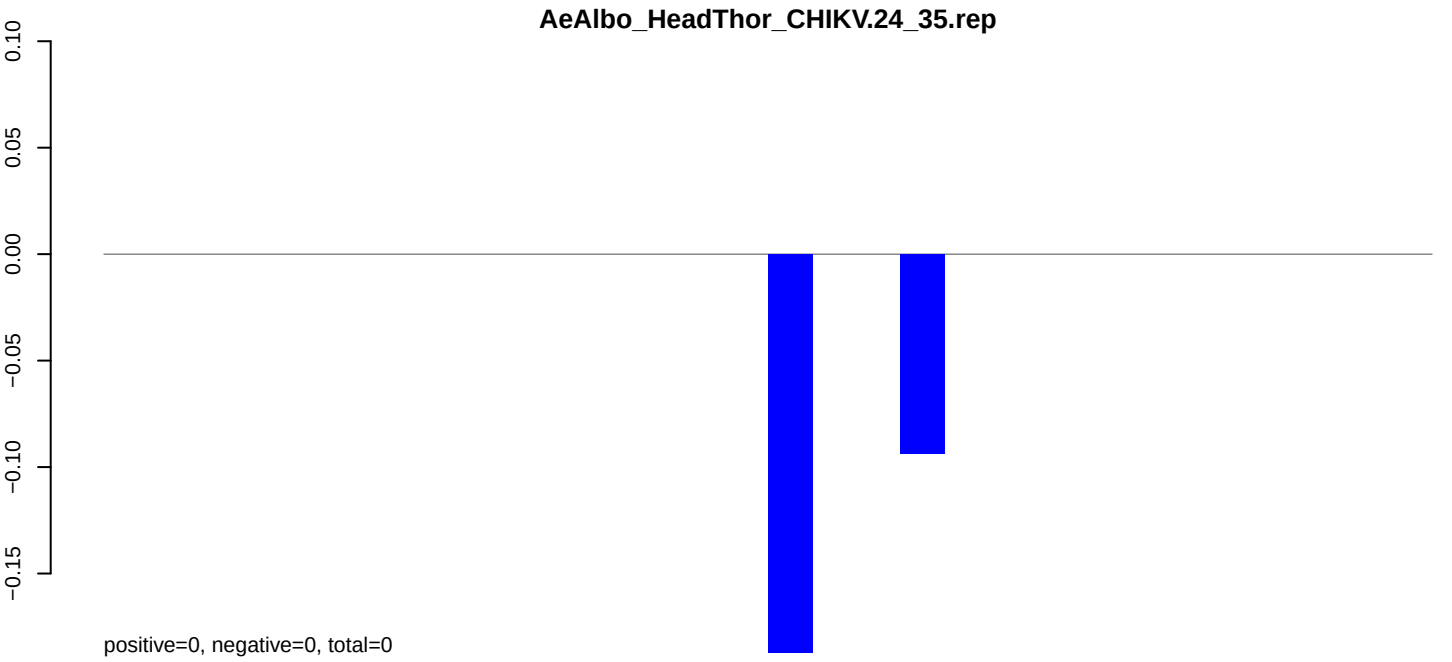

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1

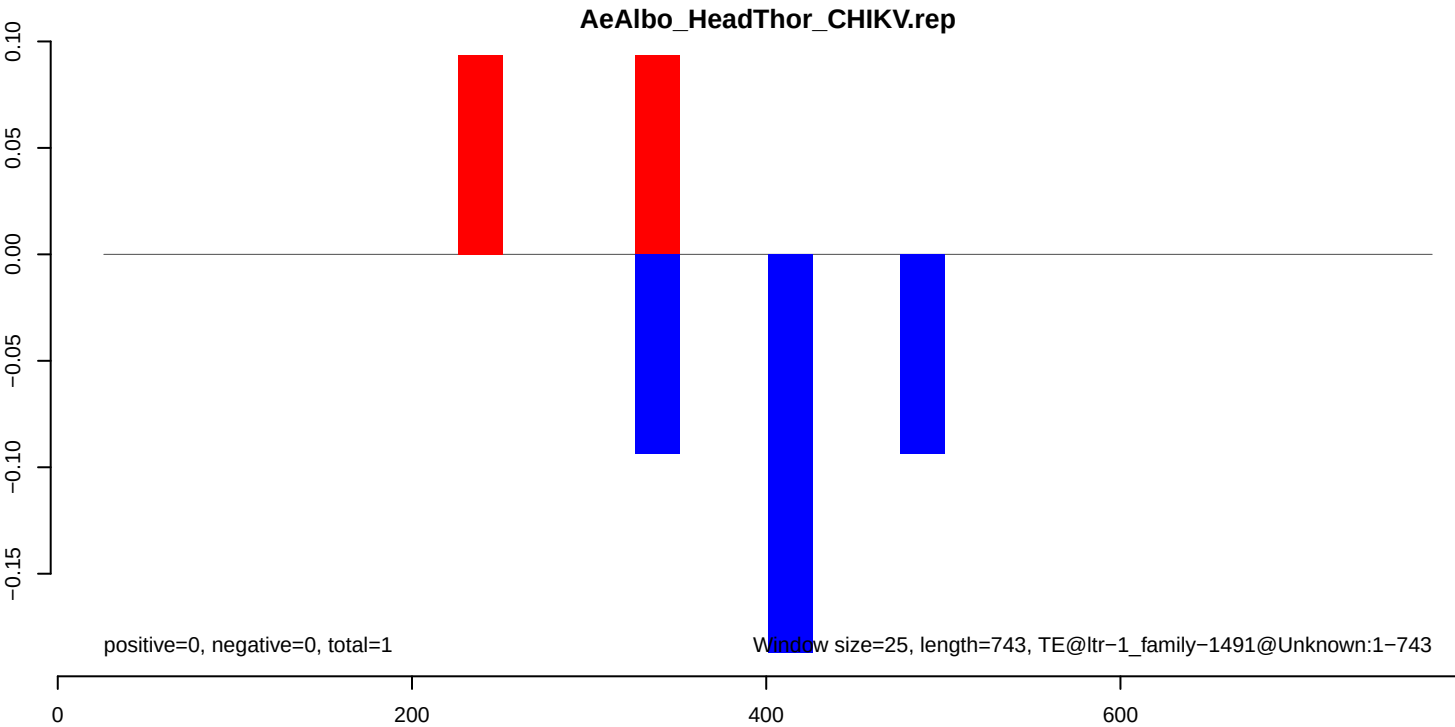
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

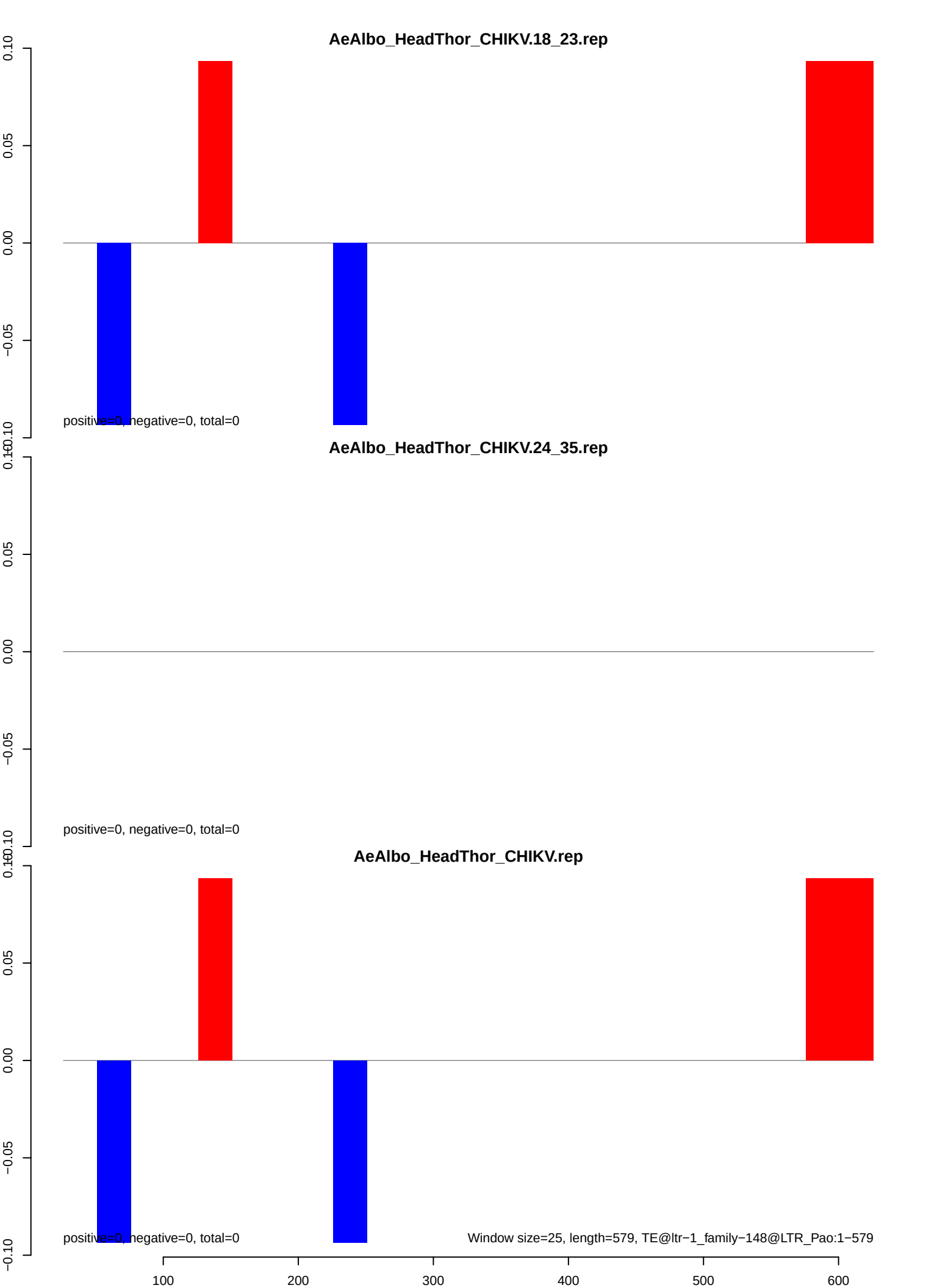

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=636, TE@ltr−1_family−1644@LTR_Pao:1−636
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=697, TE@ltr−1_family−152@LTR_Pao:1−697
0
100
200
300
400
500
600
700

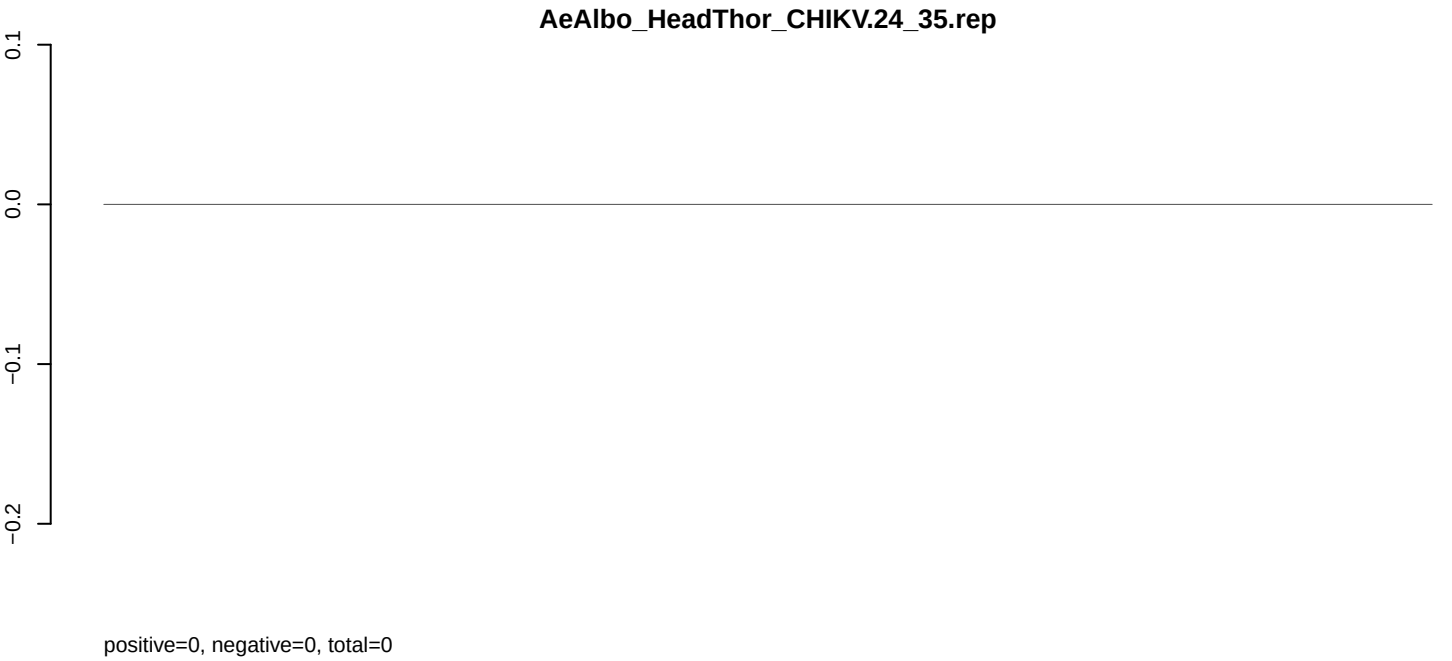

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

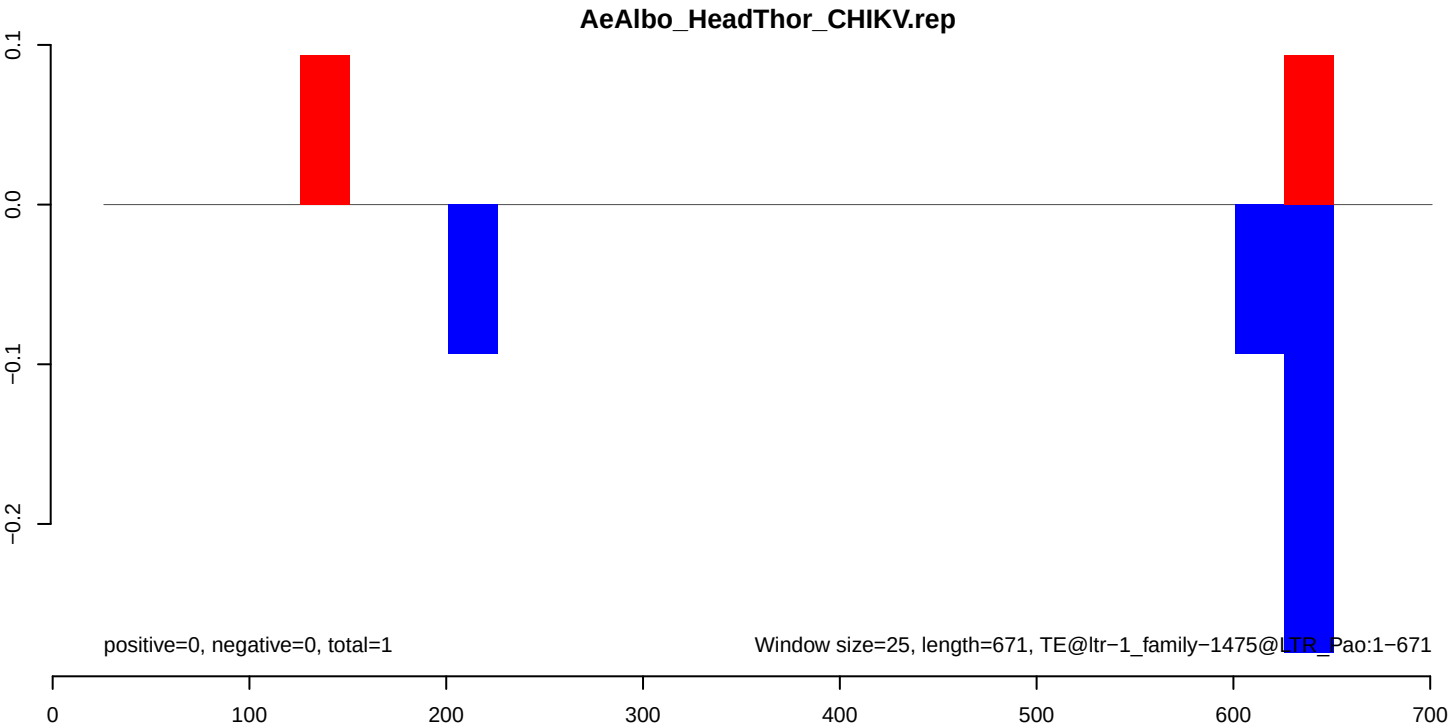

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

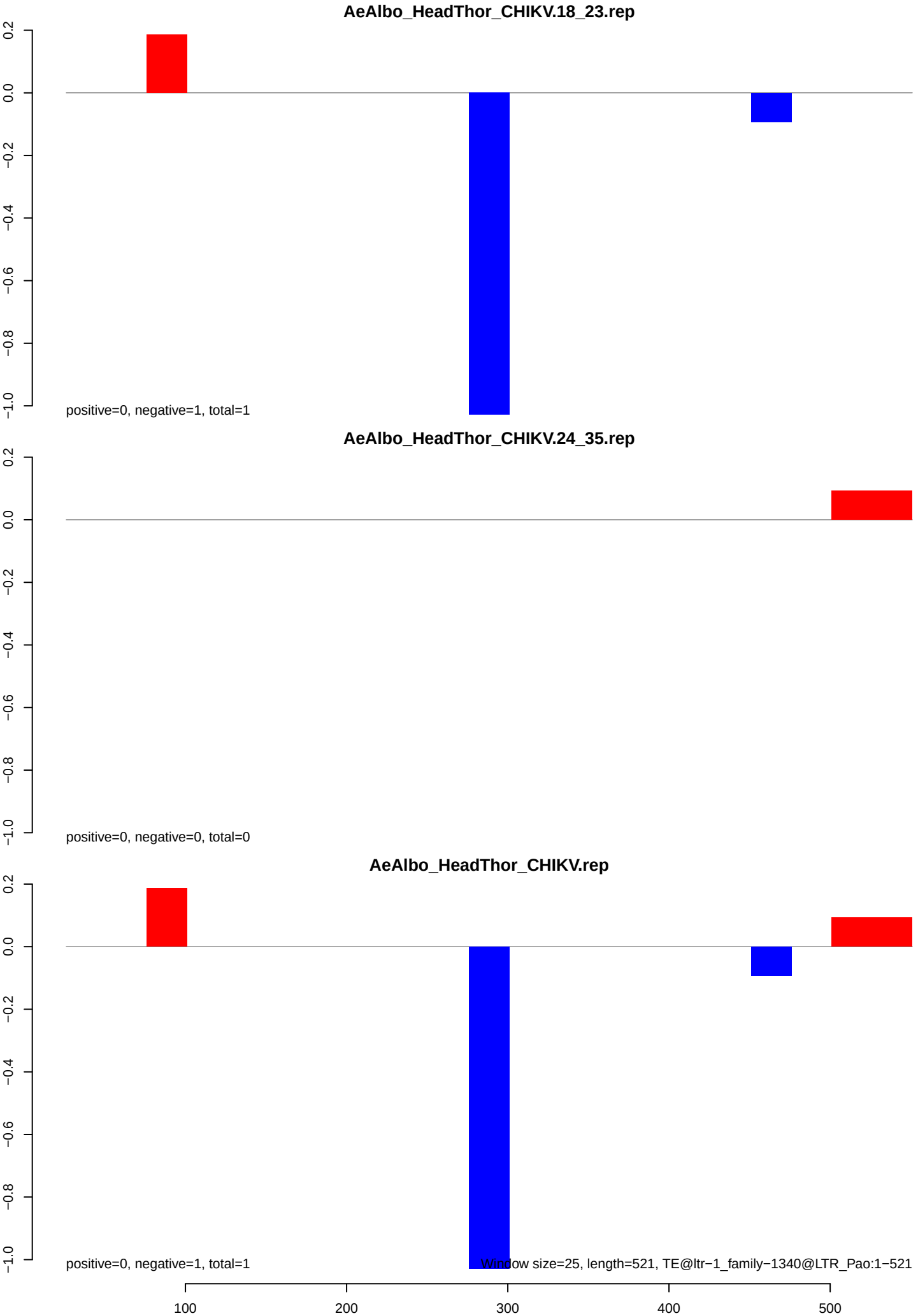

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=1
Window size=25, length=743, TE@ltr−1_family−1491@Unknown:1−743
0
200
400
600
800

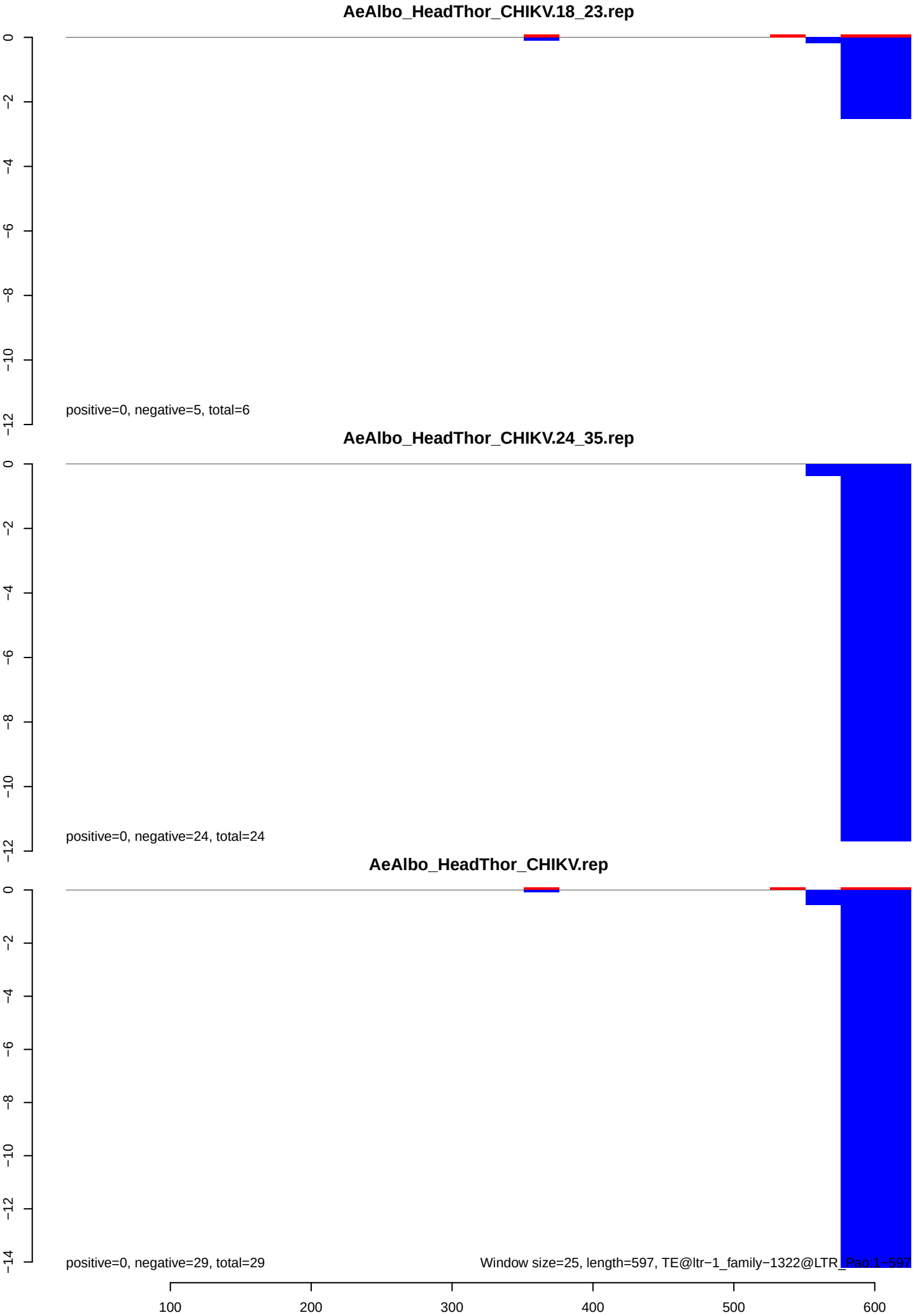

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=579, TE@ltr−1_family−148@LTR_Pao:1−579
100
200
300
400
500
600

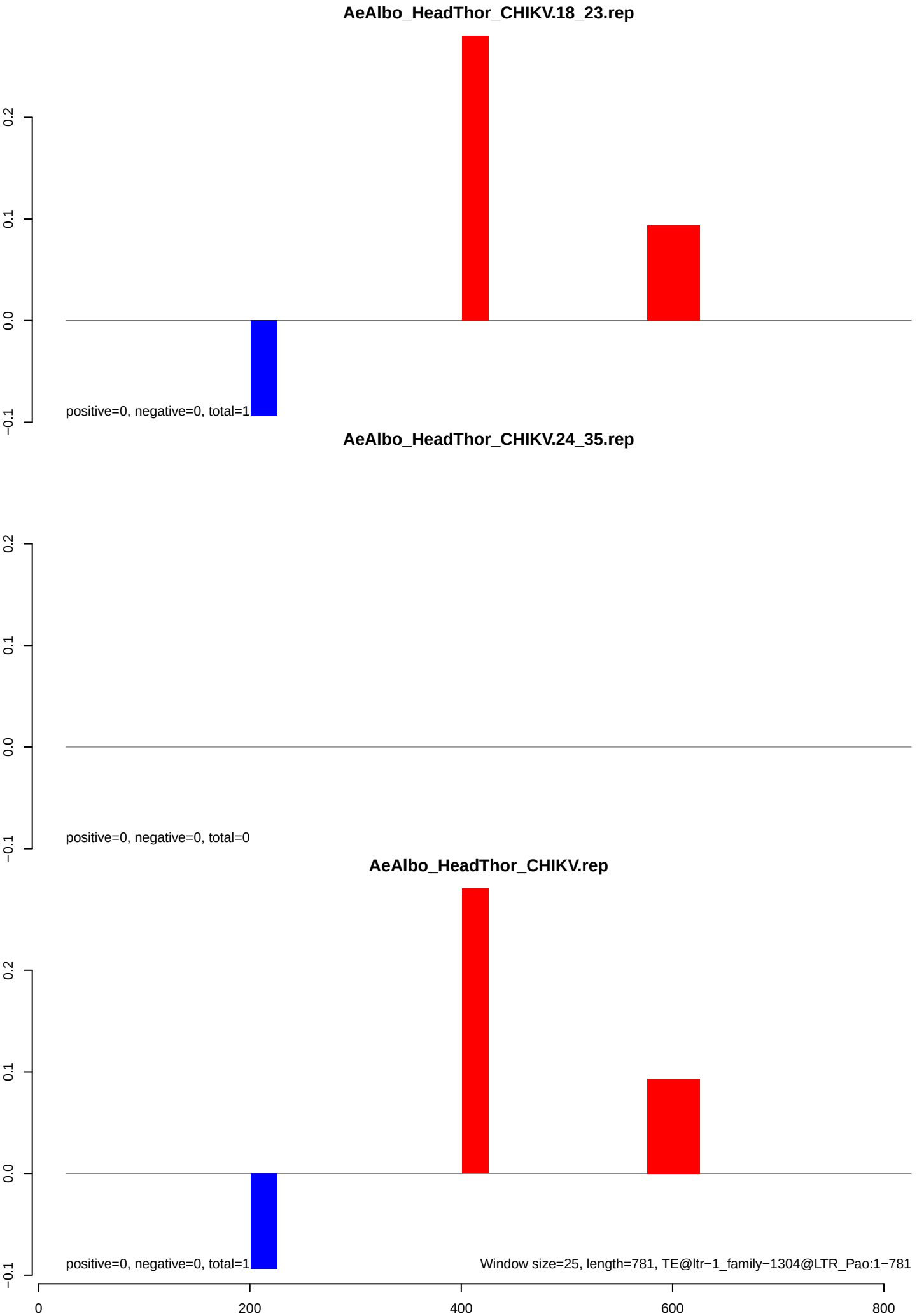
AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1

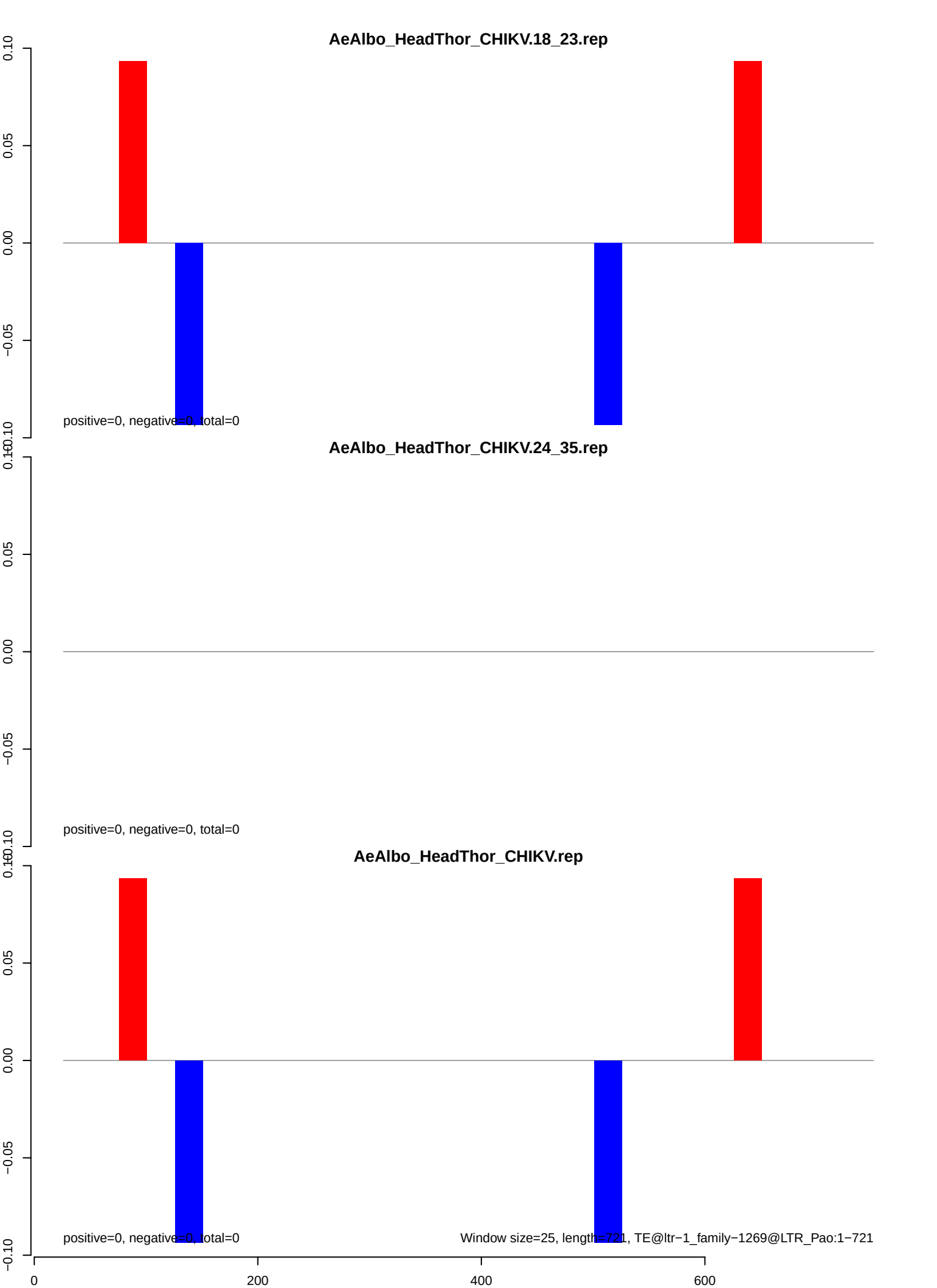

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

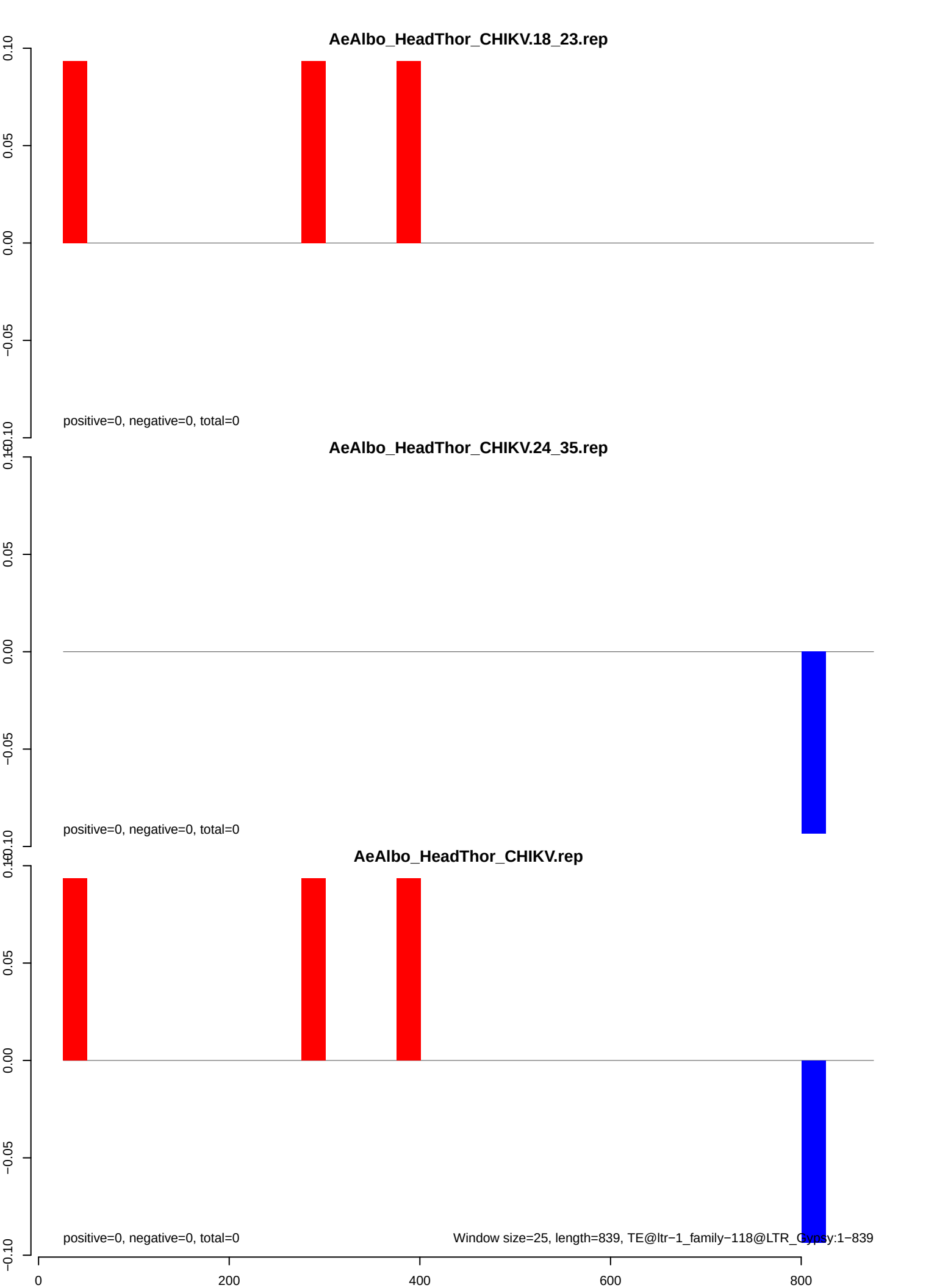

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=671, TE@ltr−1_family−1475@LTR_Pao:1−671
0
100
200
300
400
500
600
700

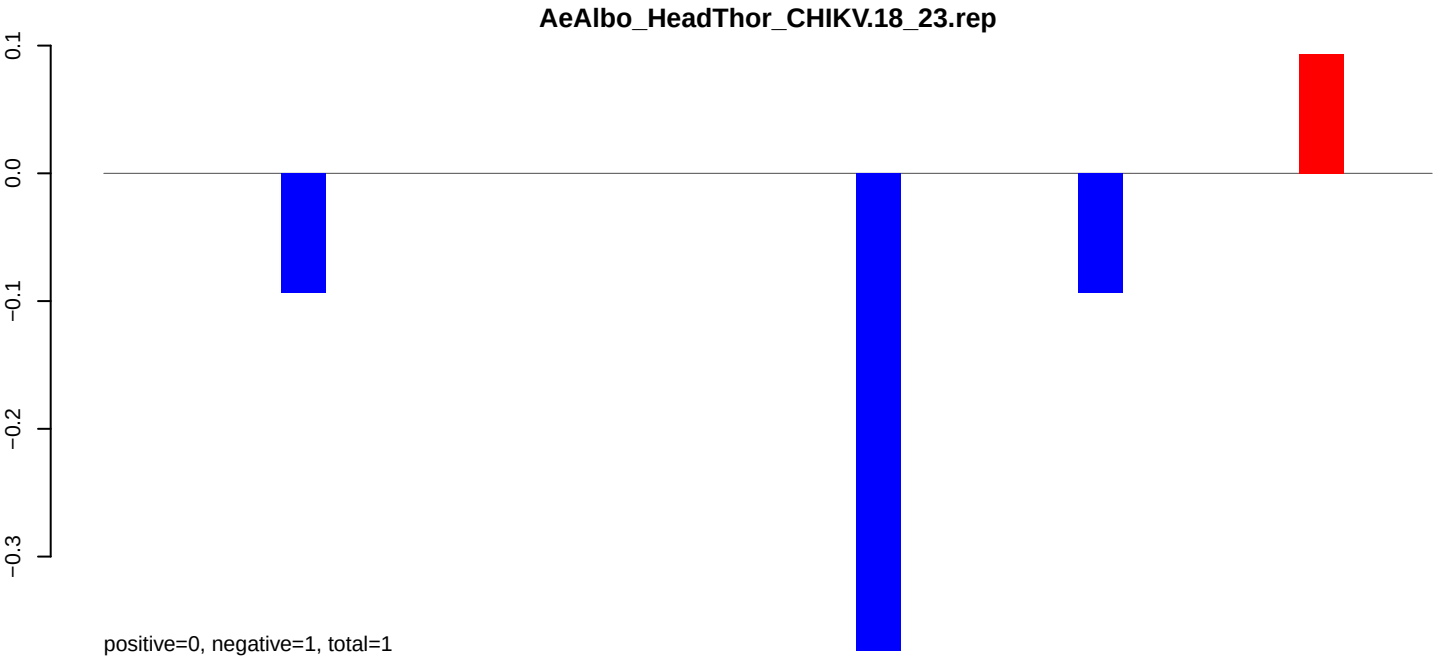

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=1
Window size=25, length=521, TE@ltr−1_family−1340@LTR_Pao:1−521
100
200
300
400
500

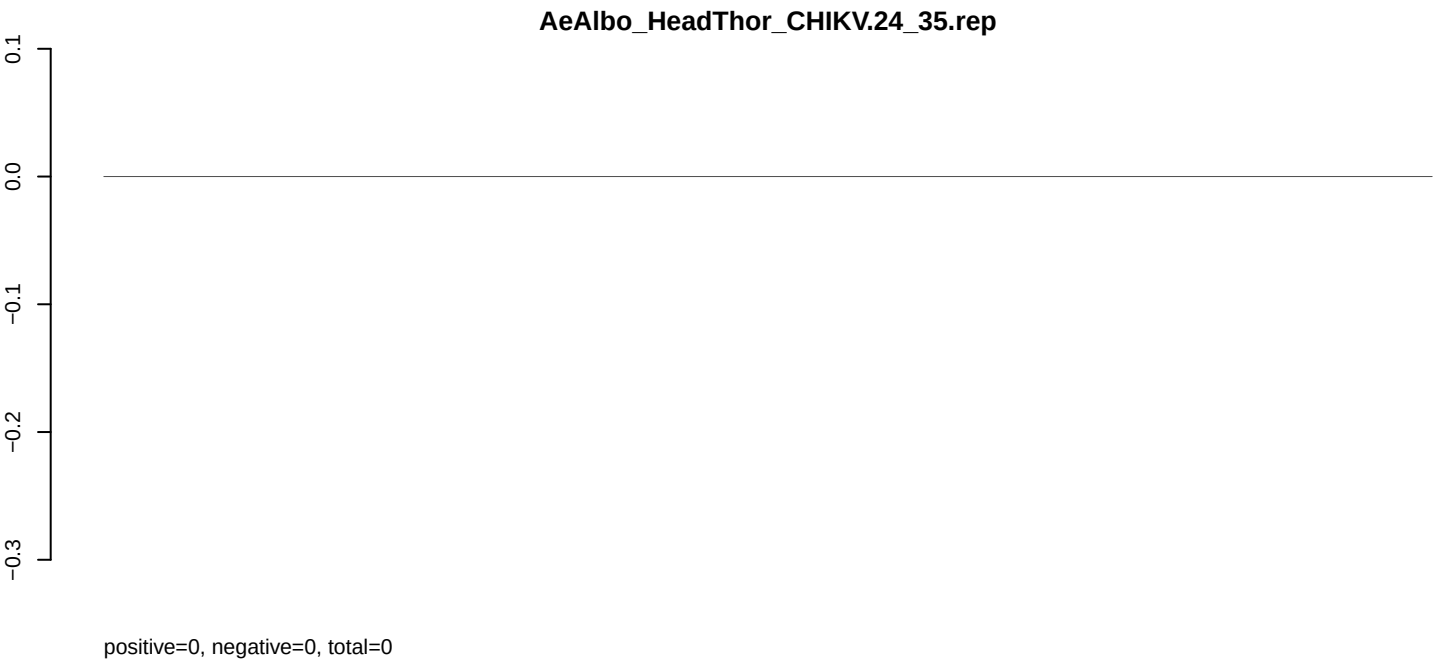

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
−12
positive=0, negative=24, total=24
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
−12
−14
positive=0, negative=29, total=29
Window size=25, length=597, TE@ltr−1_family−1322@LTR_Pao:1−597
100
200
300
400
500
600

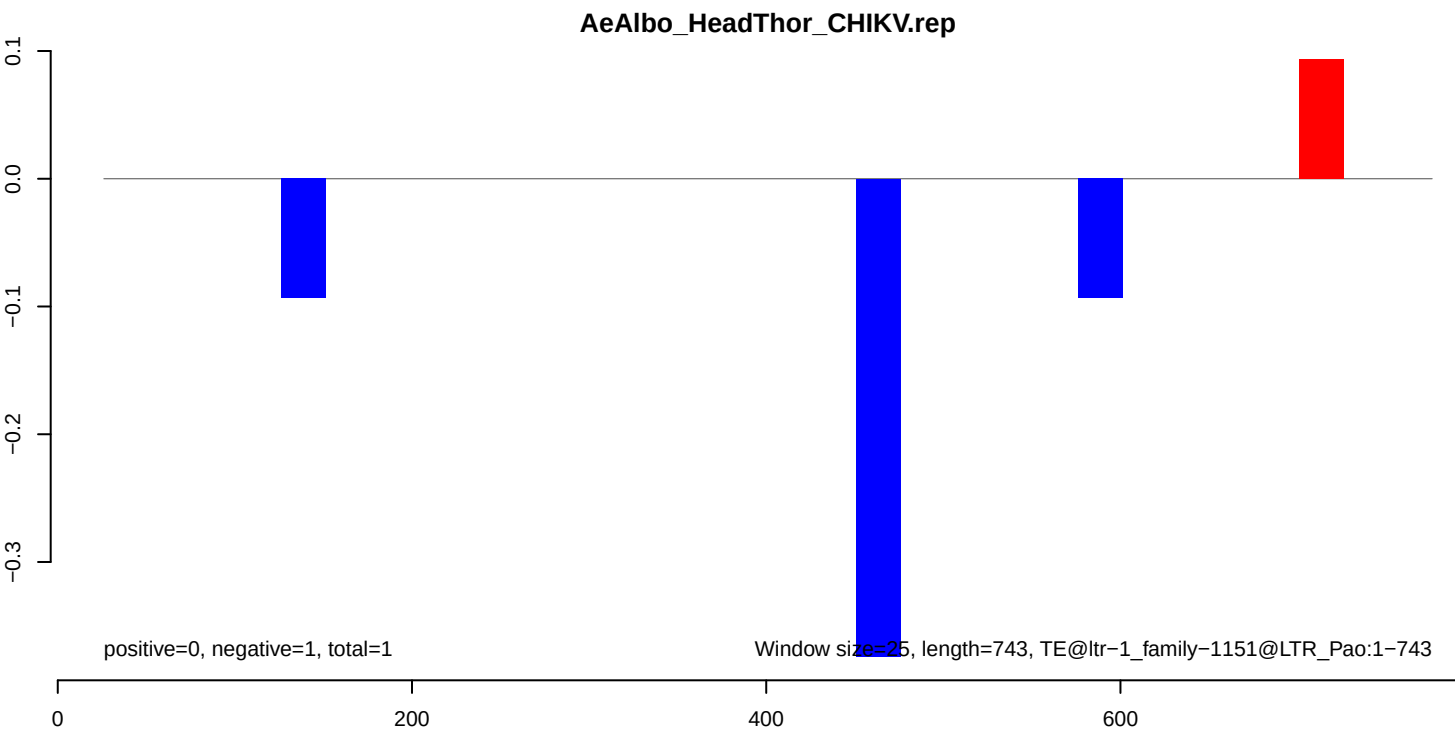

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=781, TE@ltr−1_family−1304@LTR_Pao:1−781
0
200
400
600
800

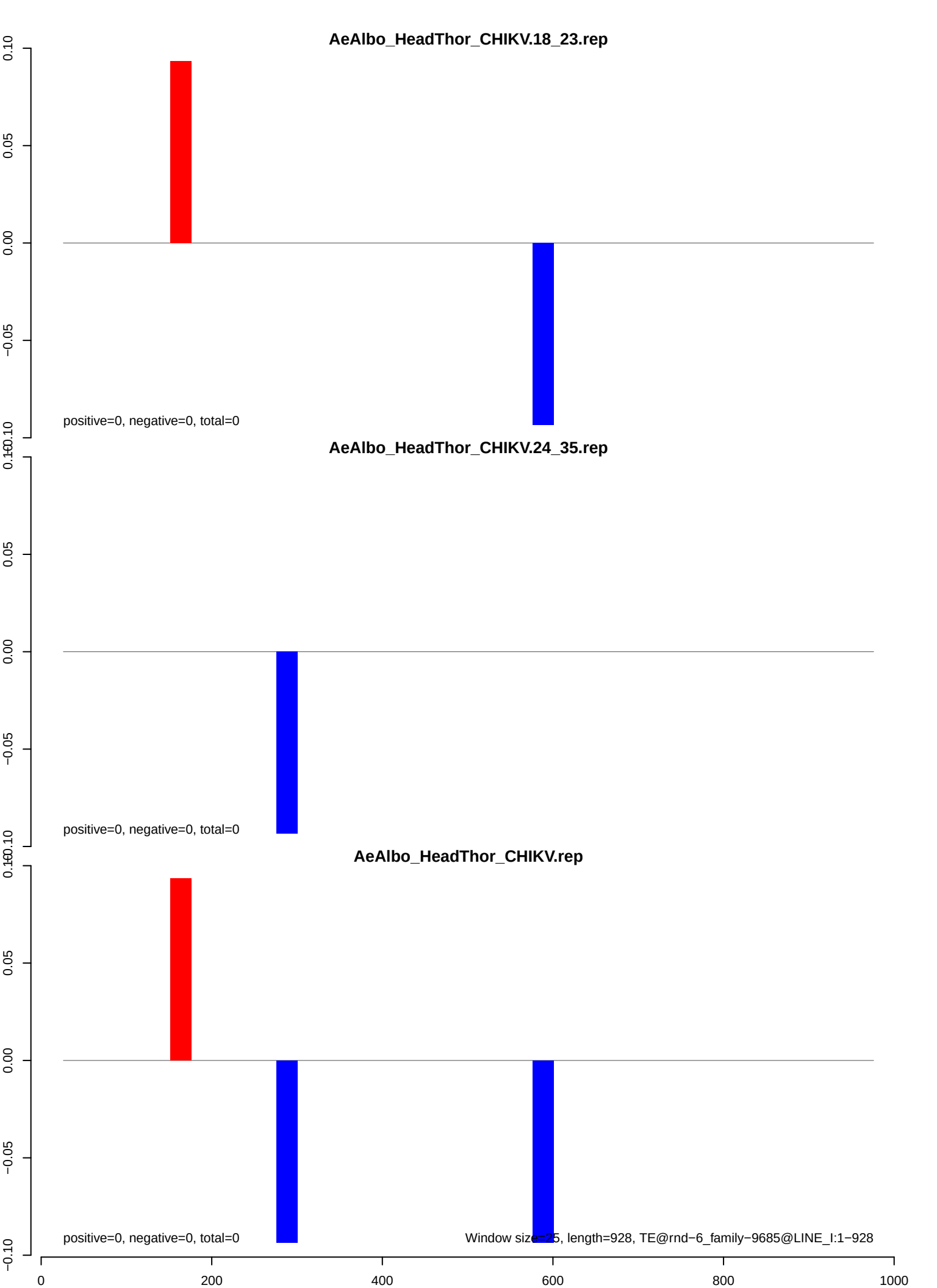

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=721, TE@ltr−1_family−1269@LTR_Pao:1−721
0
200
400
600

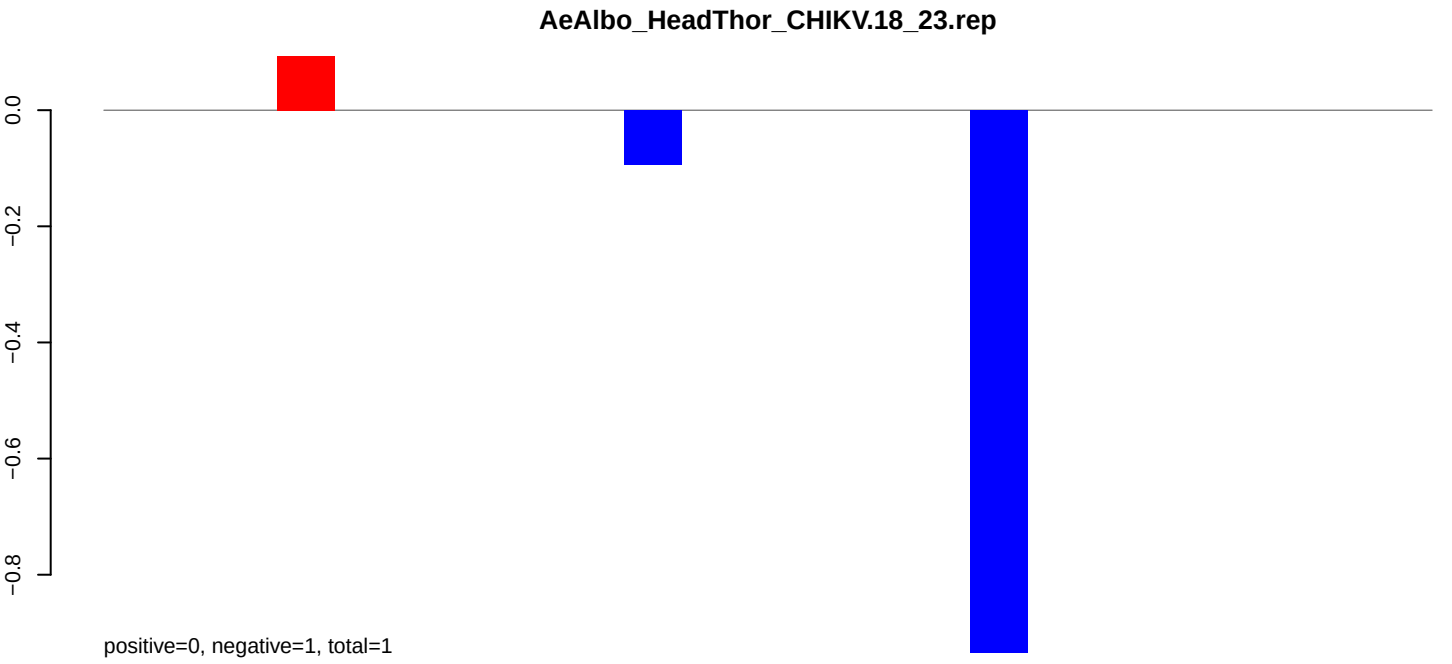

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=839, TE@ltr−1_family−118@LTR_Gypsy:1−839
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1

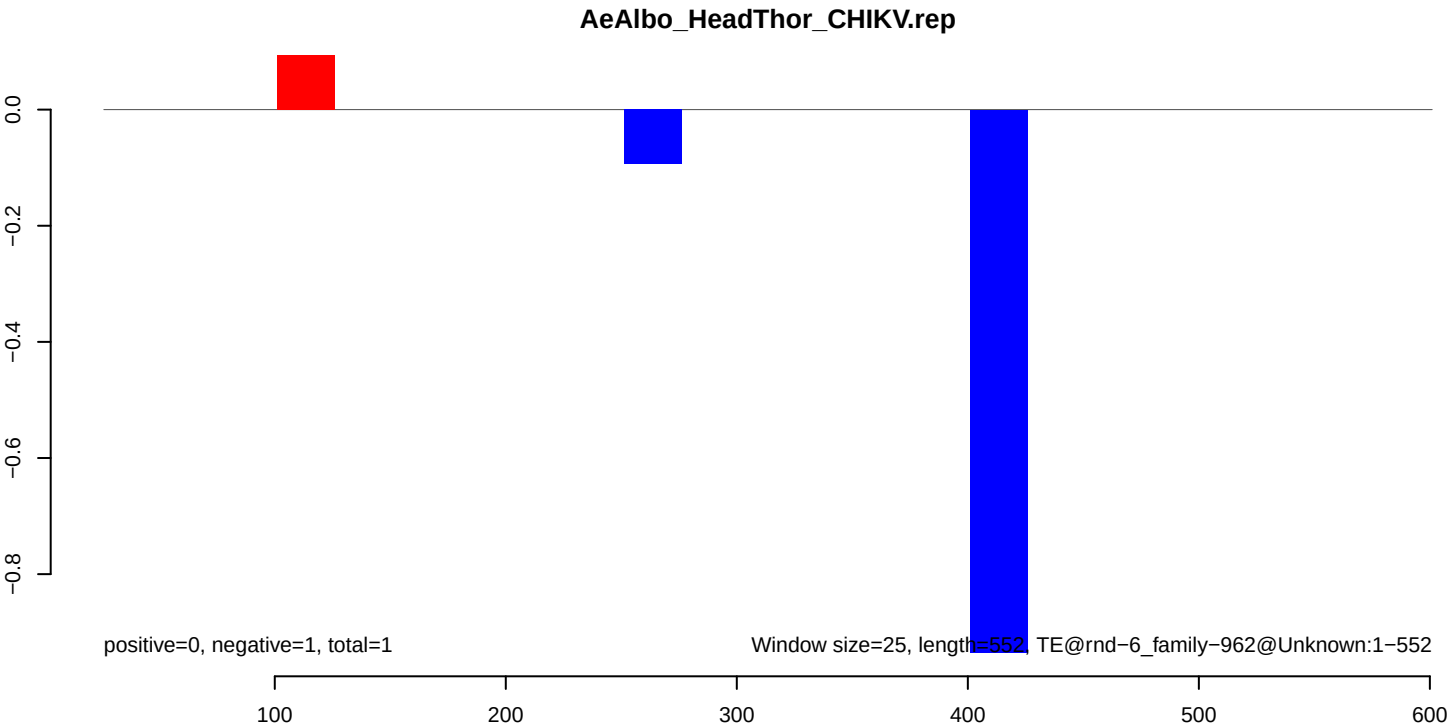

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0

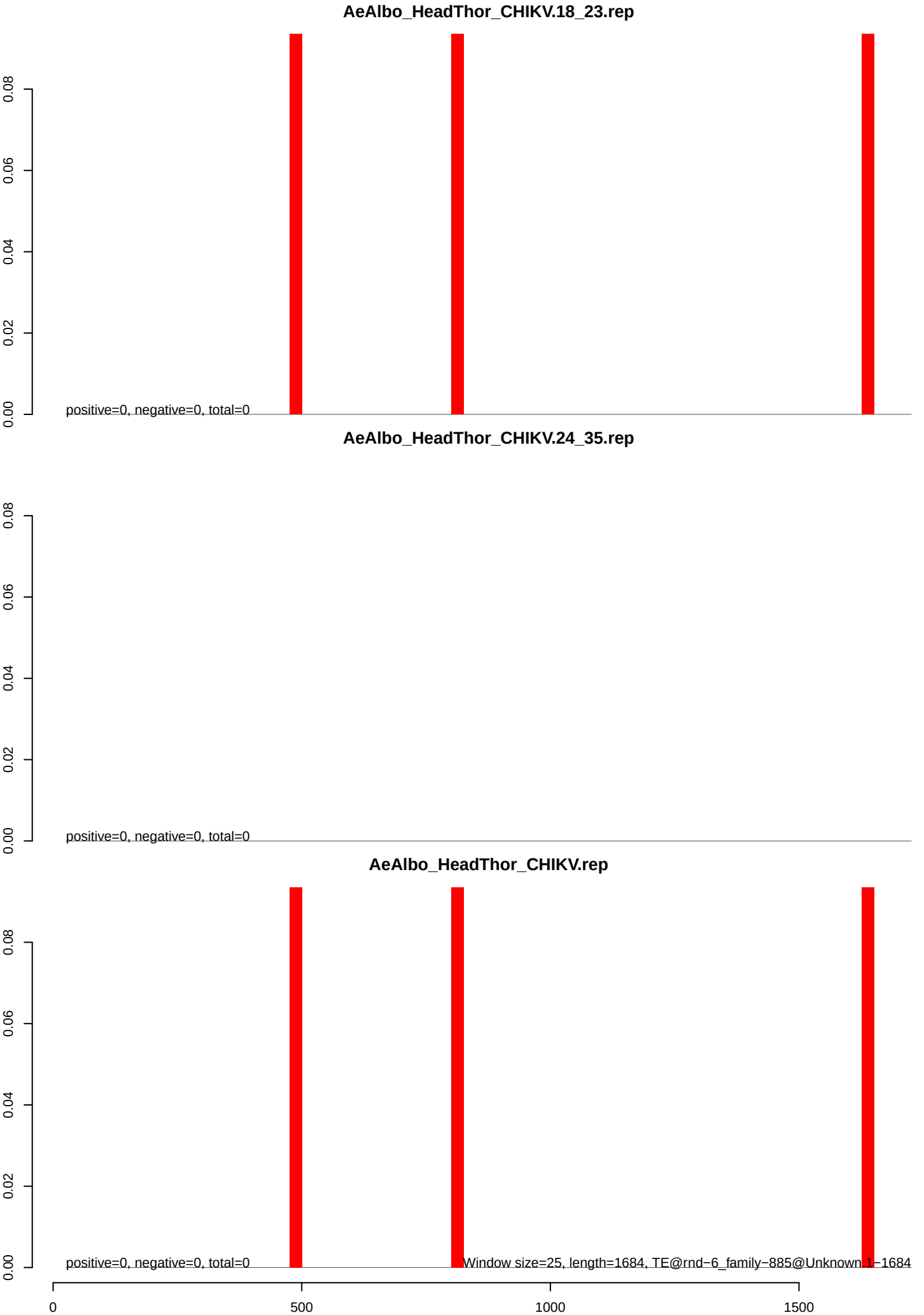

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=743, TE@ltr−1_family−1151@LTR_Pao:1−743
0
200
400
600
800

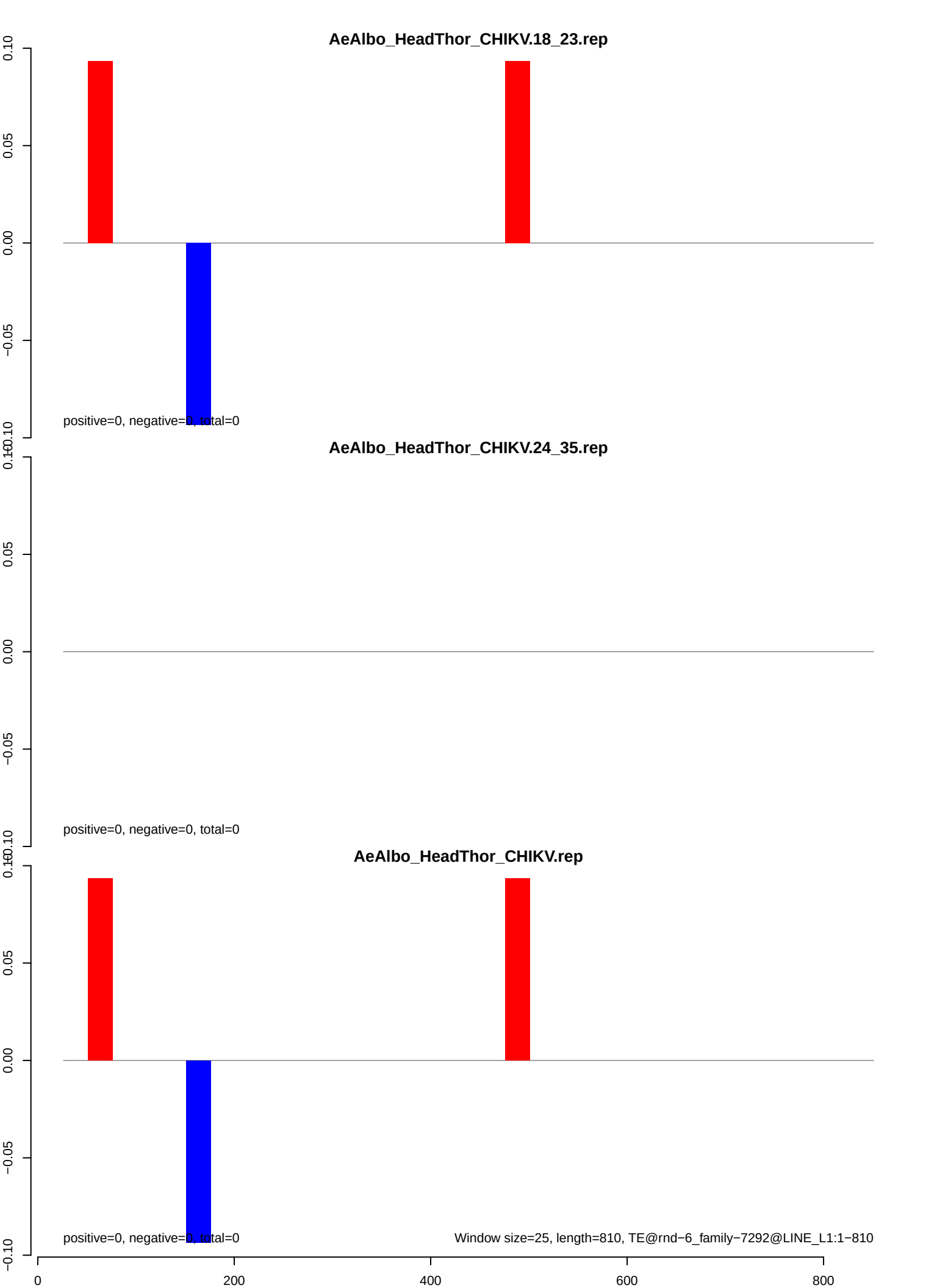

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=928, TE@rnd−6_family−9685@LINE_I:1−928
0
200
400
600
800
1000

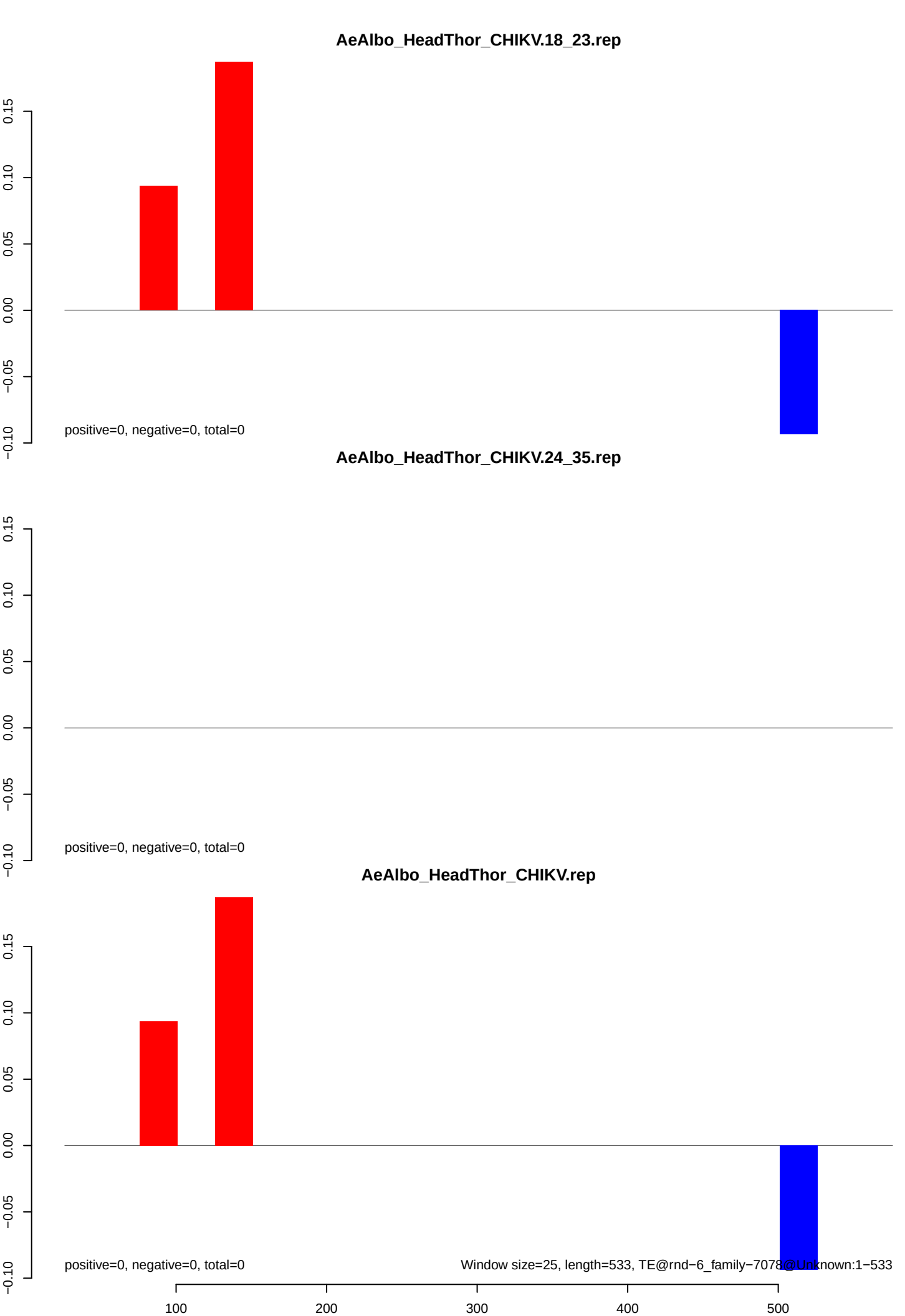

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1

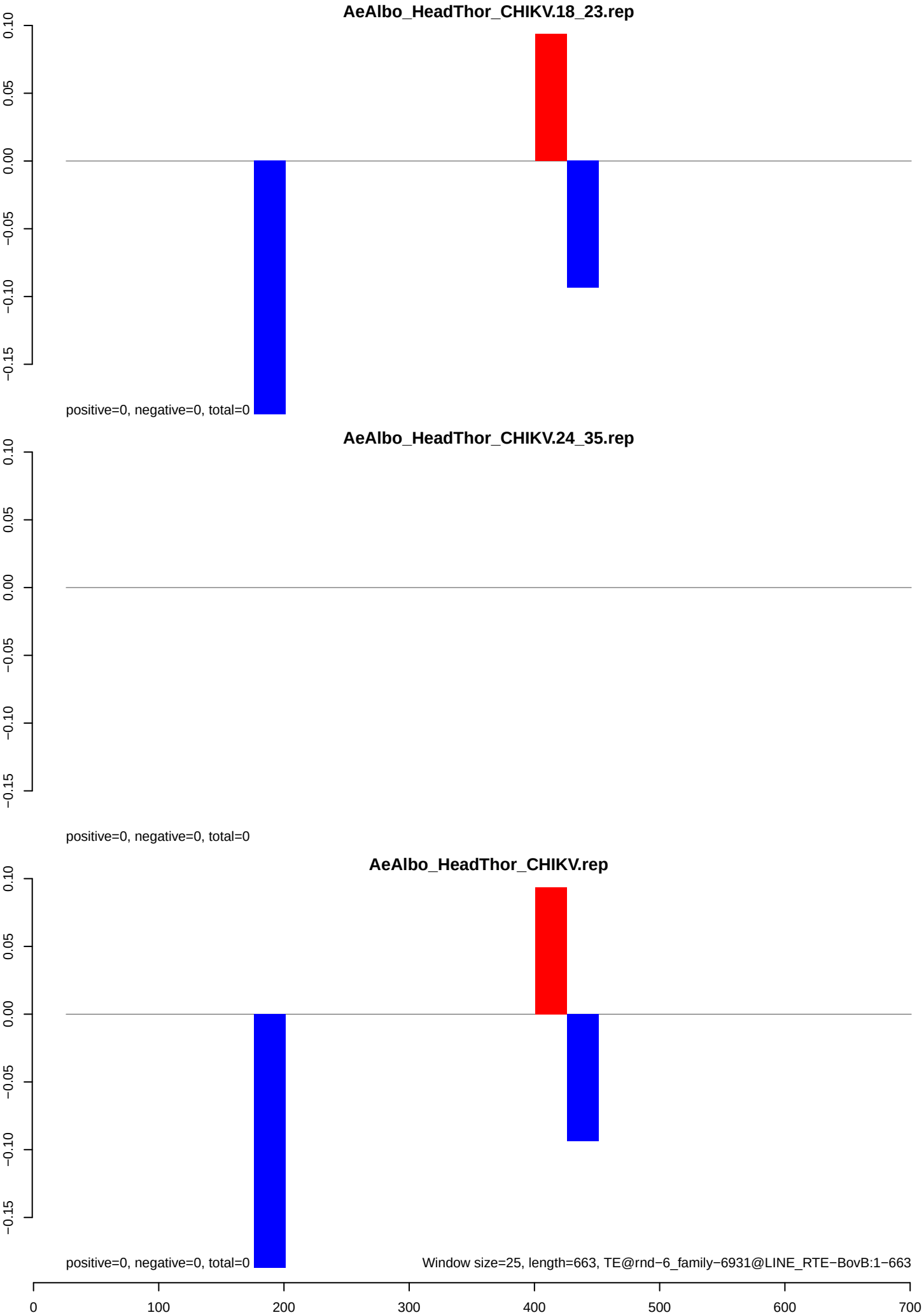
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0

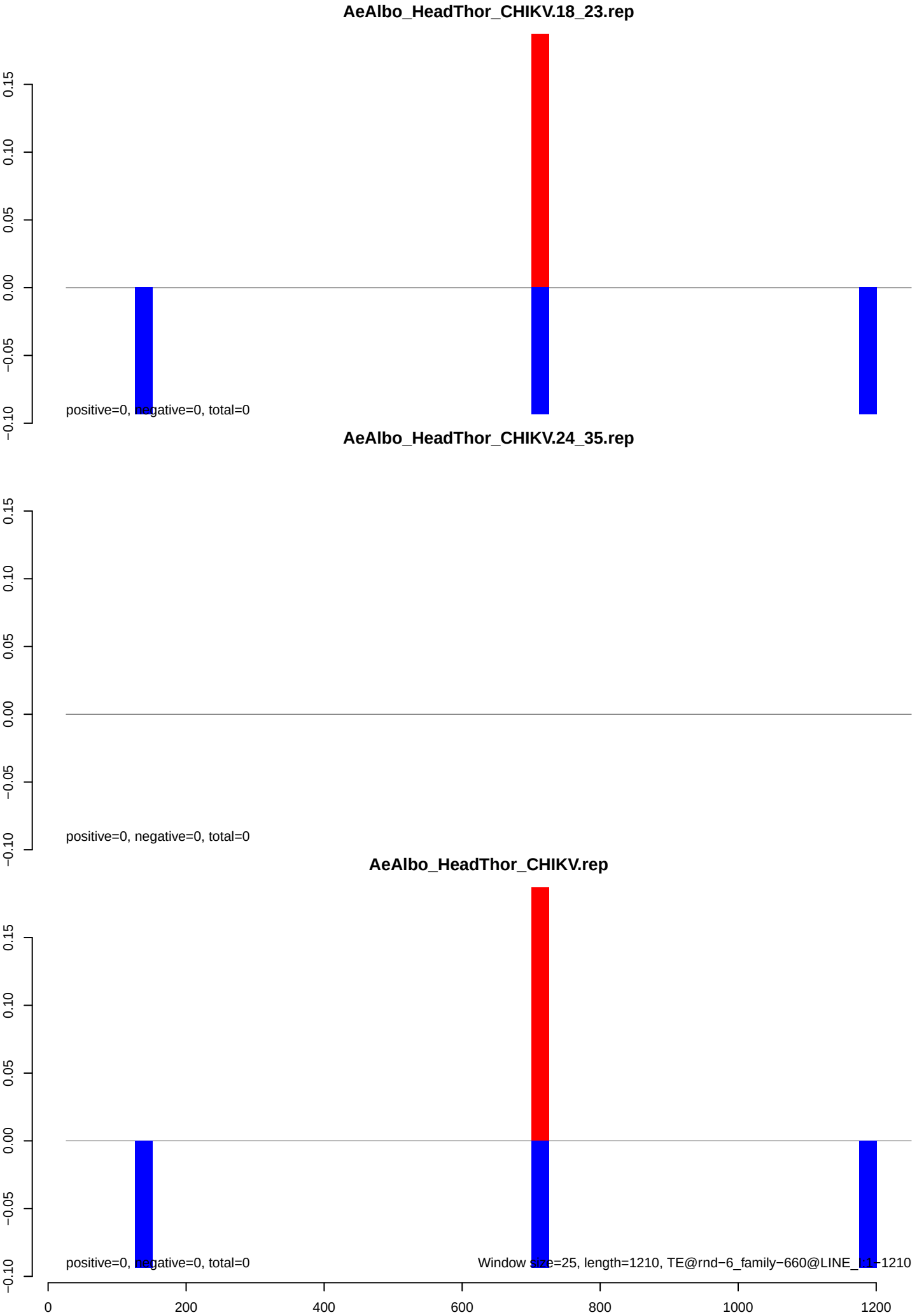

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1
Window size=25, length=552, TE@rnd−6_family−962@Unknown:1−552
100
200
300
400
500
600

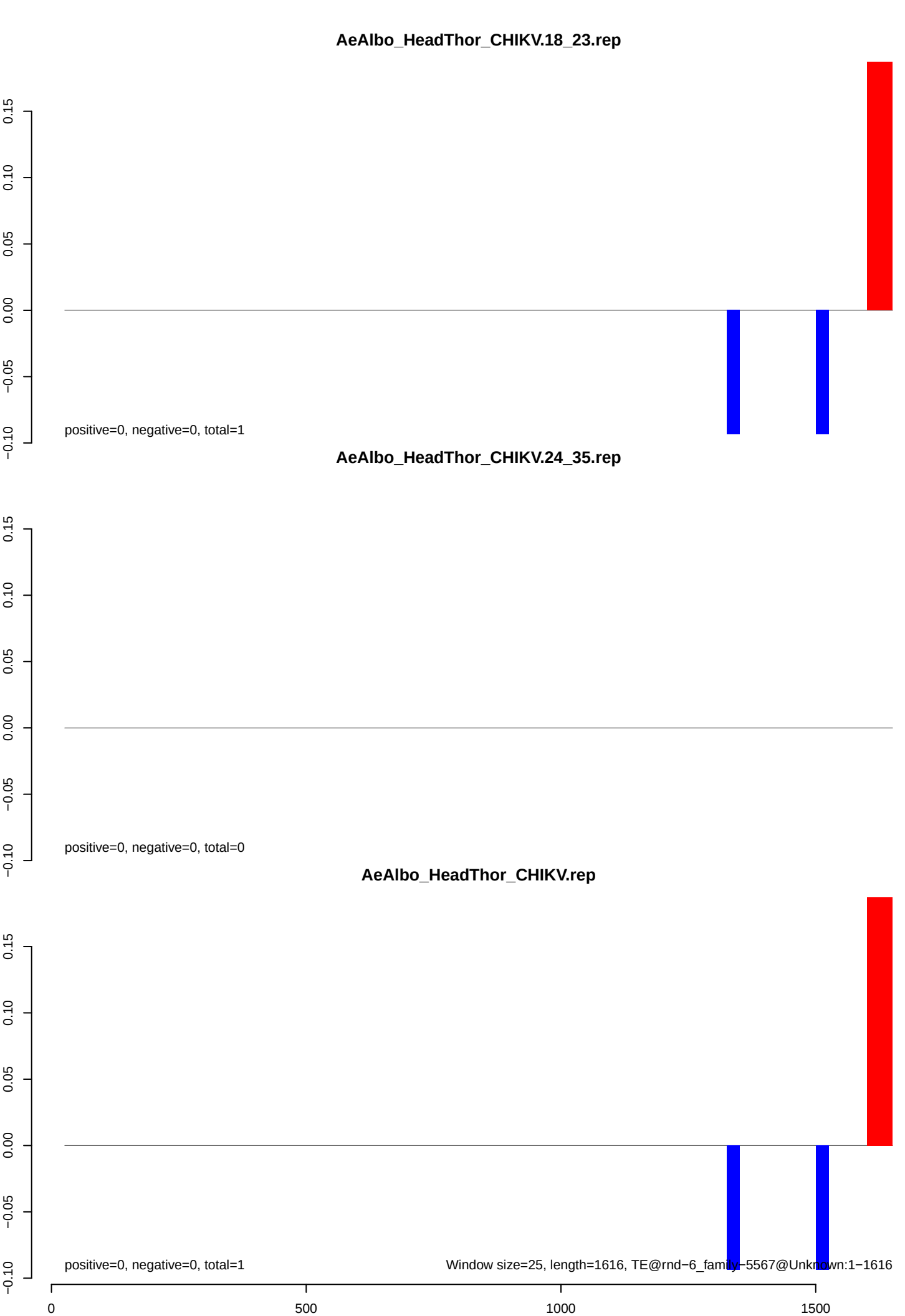

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1684, TE@rnd−6_family−885@Unknown:1−1684
0
500
1000
1500

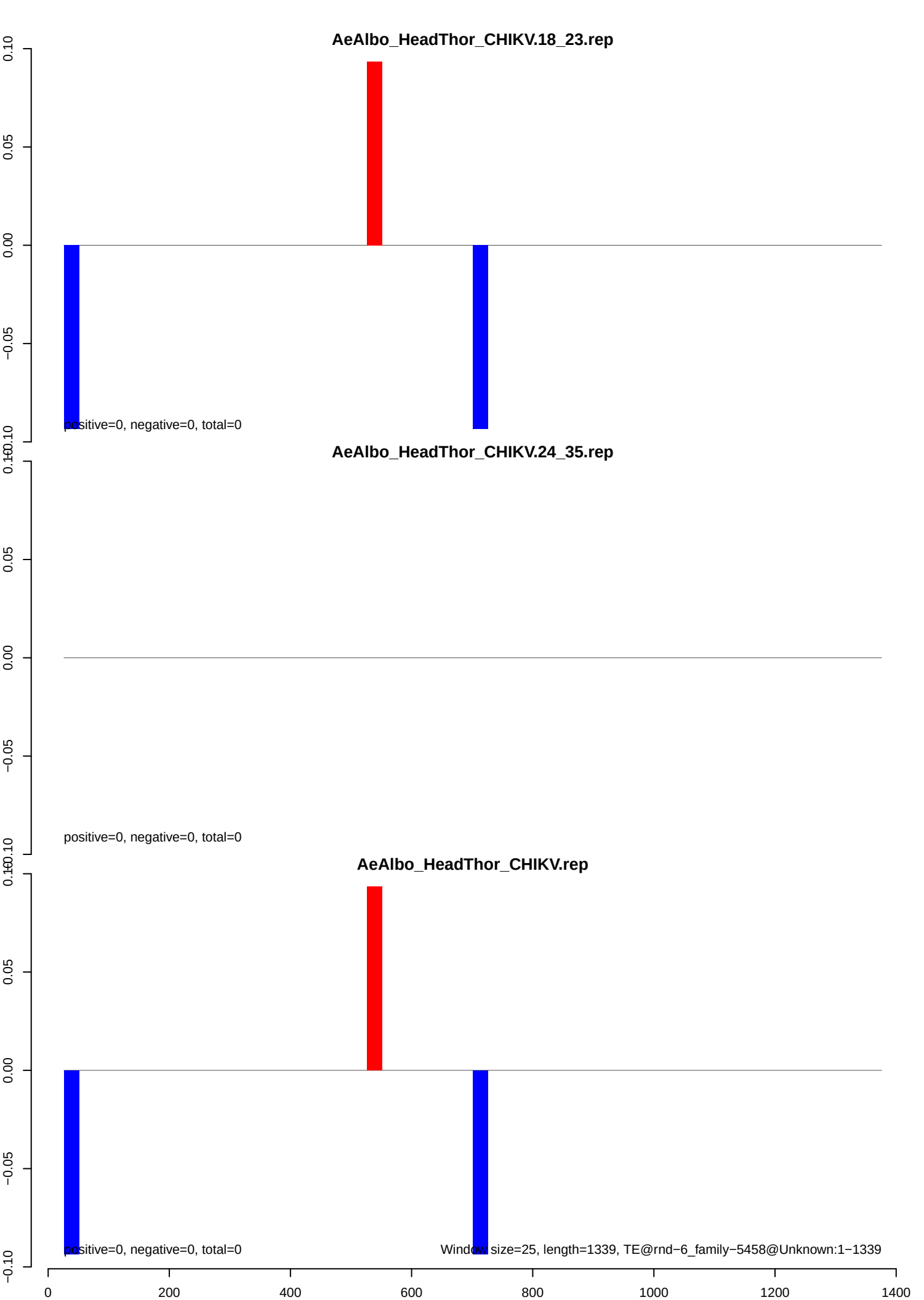

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=810, TE@rnd−6_family−7292@LINE_L1:1−810
0
200
400
600
800

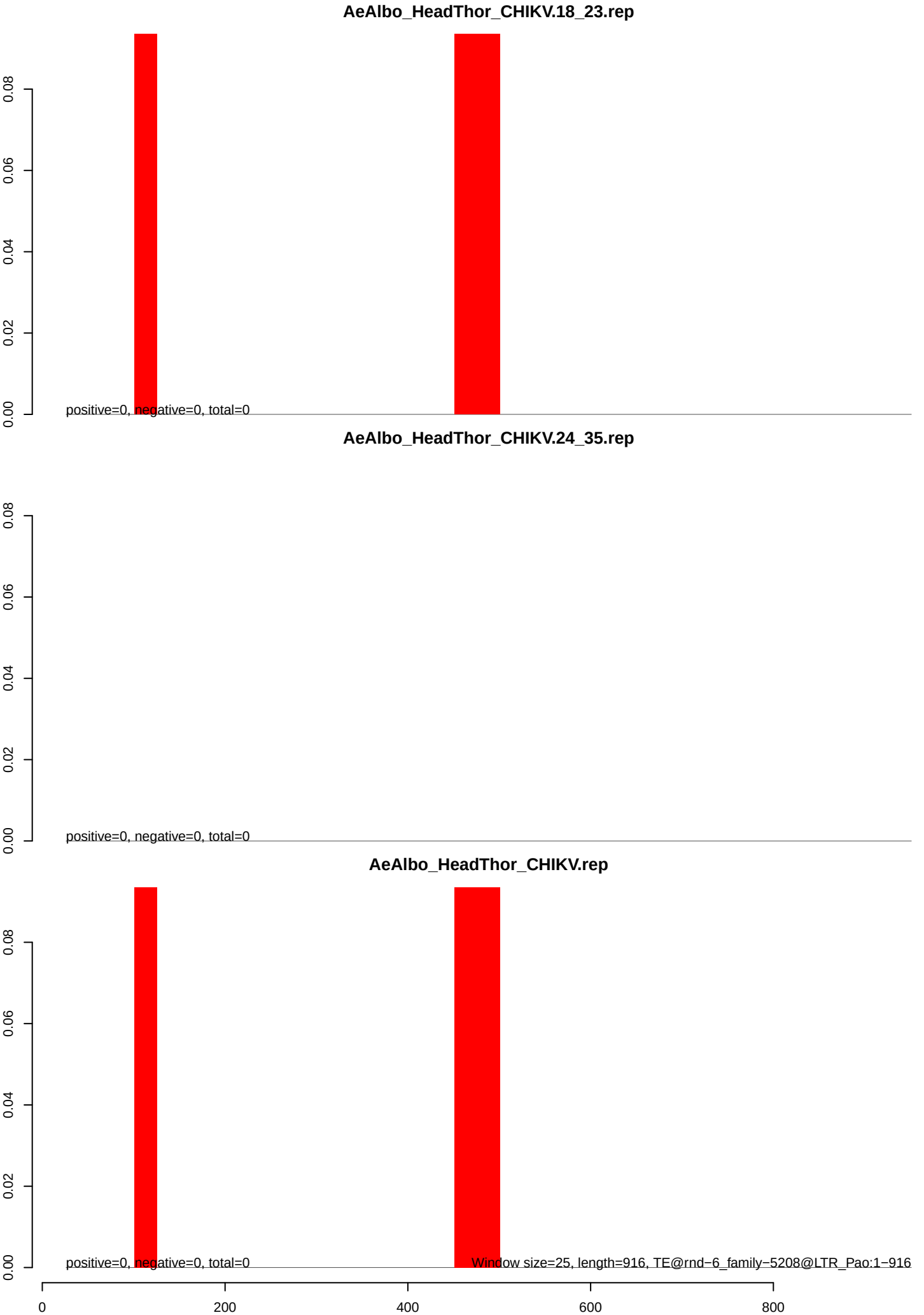

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=533, TE@rnd−6_family−7078@Unknown:1−533
100
200
300
400
500

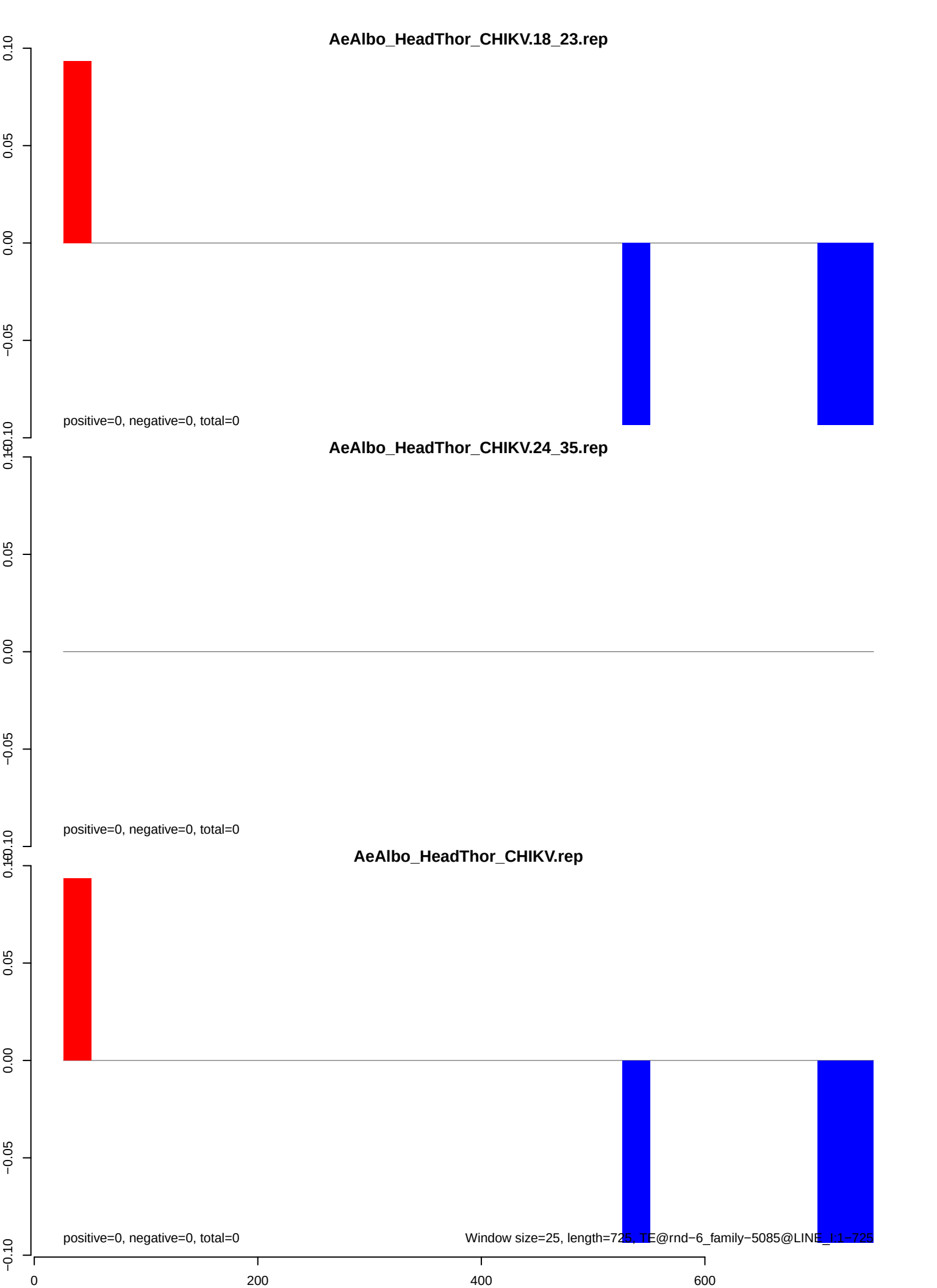

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=663, TE@rnd−6_family−6931@LINE_RTE−BovB:1−663
0
100
200
300
400
500
600
700

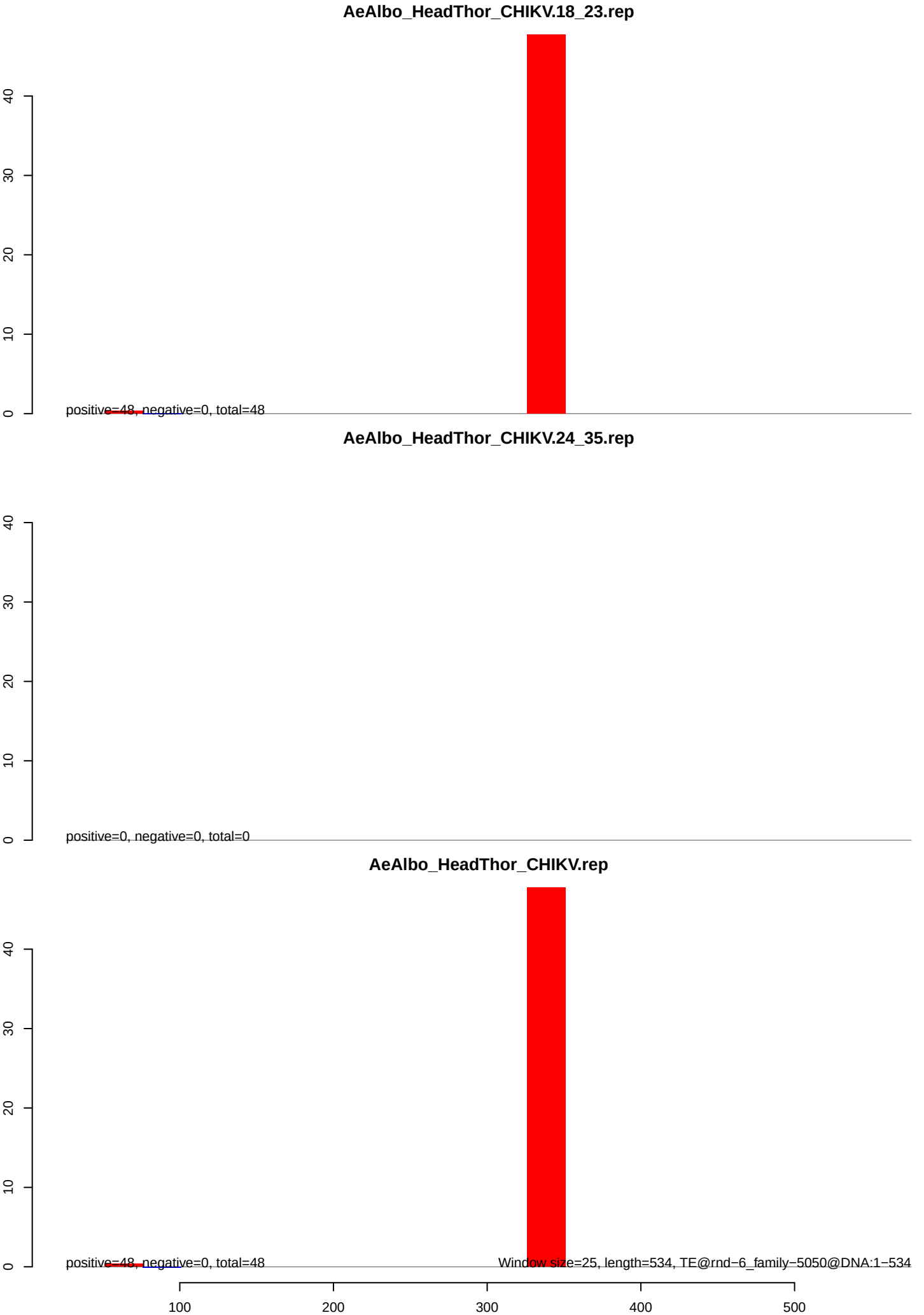

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1210, TE@rnd−6_family−660@LINE_1:1−1210
0
200
400
600
800
1000
1200

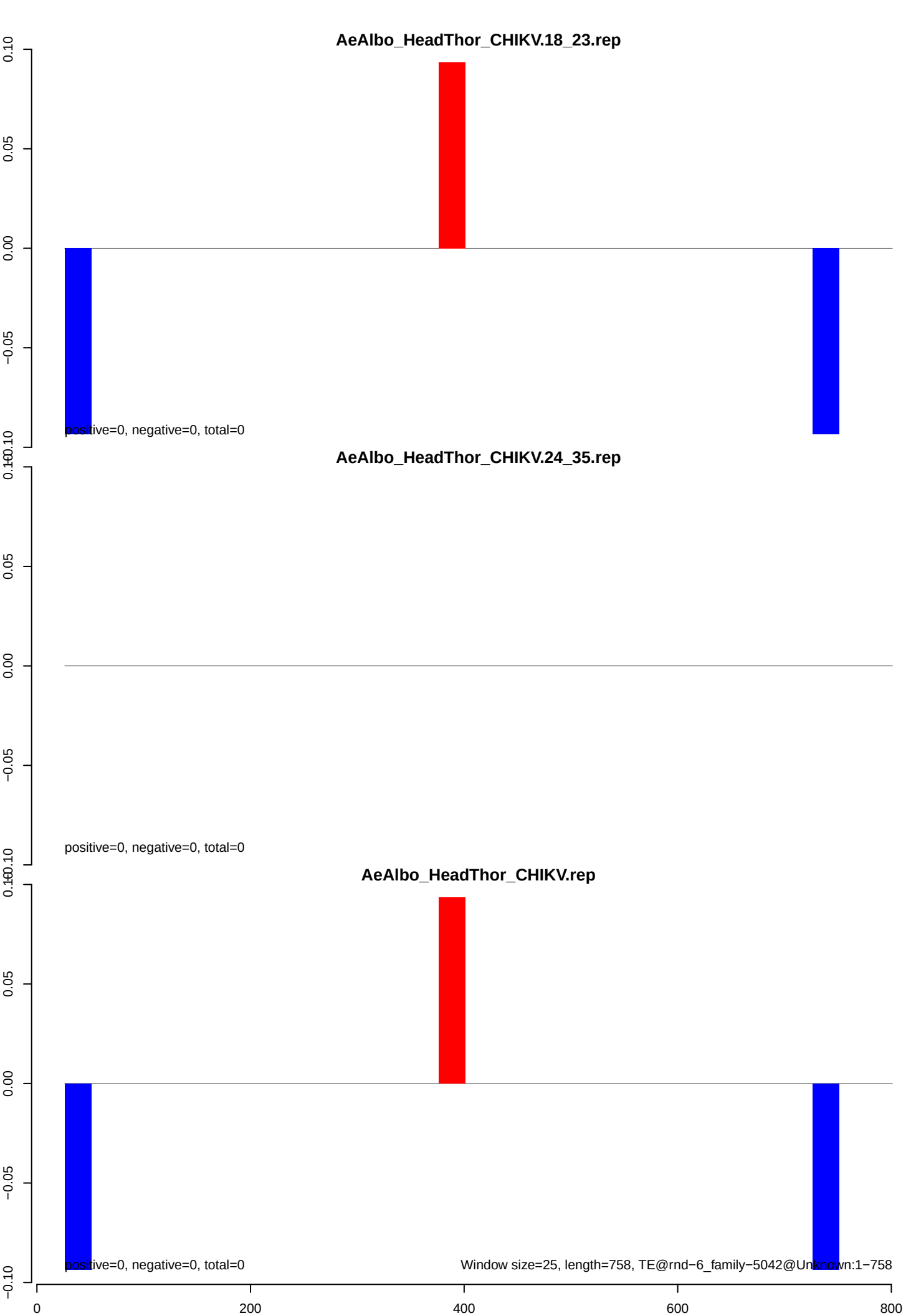

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=1
Window size=25, length=1616, TE@rnd−6_family−5567@Unknown:1−1616
0
500
1000
1500

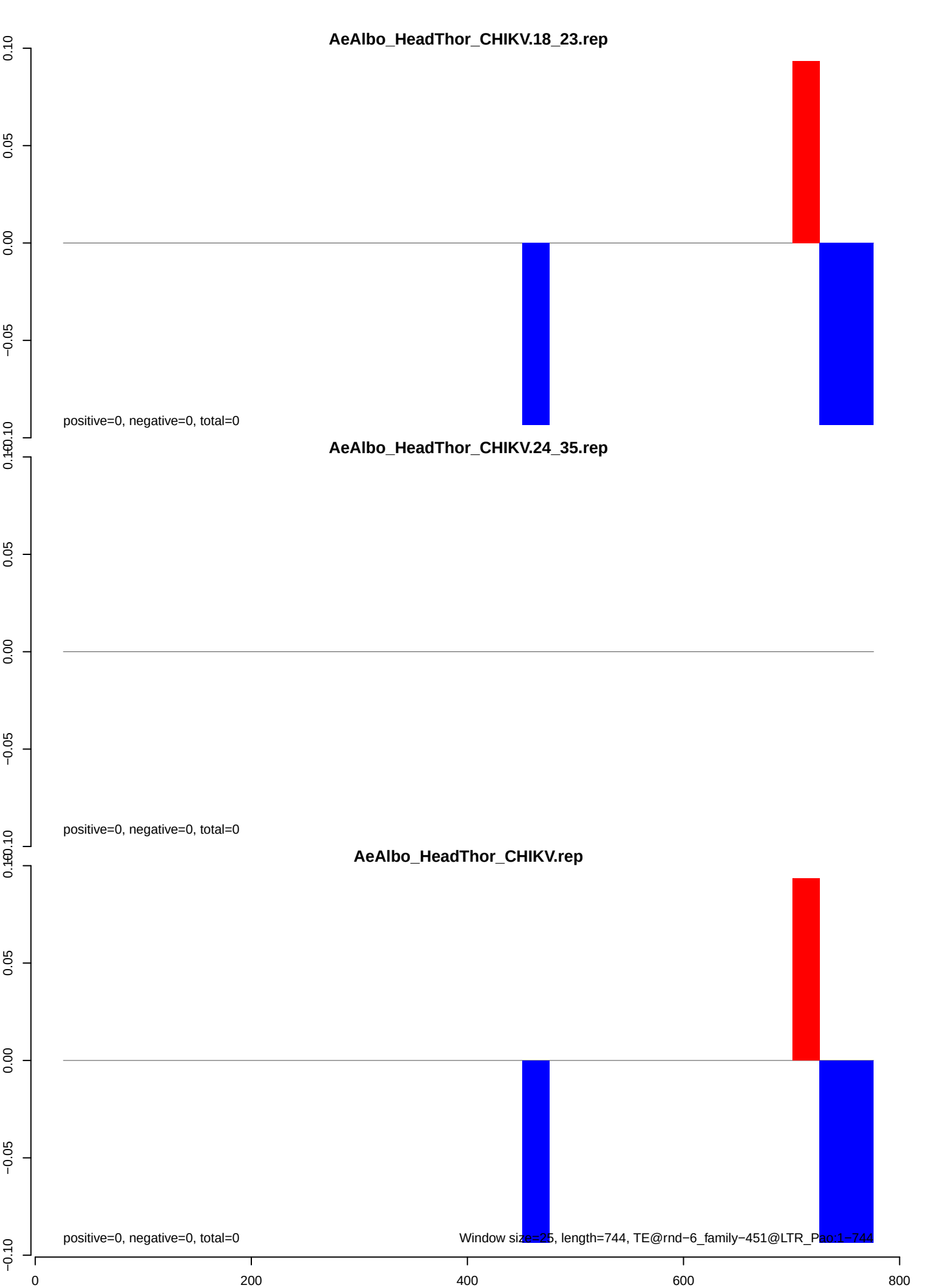

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1339, TE@rnd−6_family−5458@Unknown:1−1339
0
200
400
600
800
1000
1200
1400

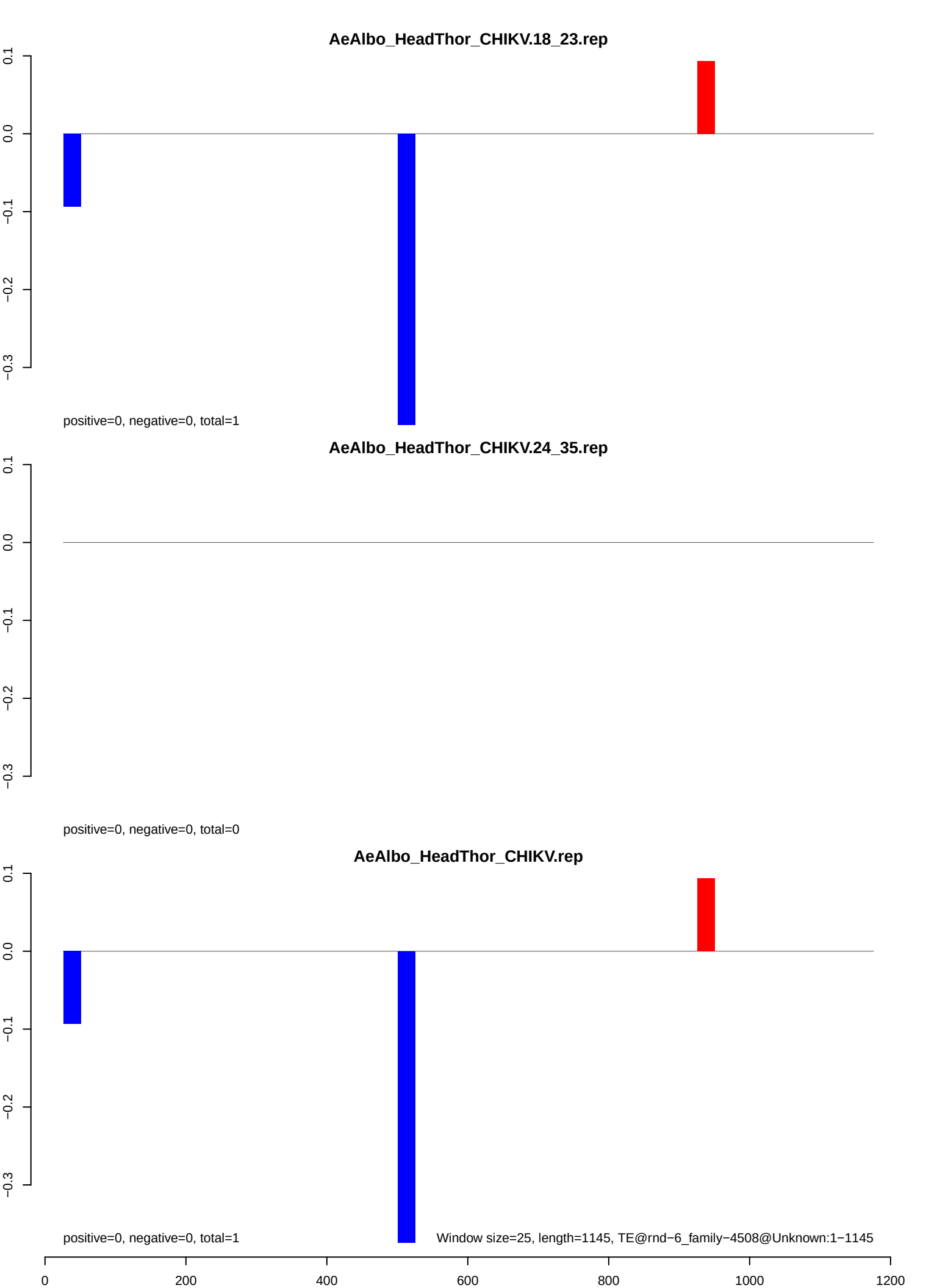

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=916, TE@rnd−6_family−5208@LTR_Pao:1−916
0
200
400
600
800

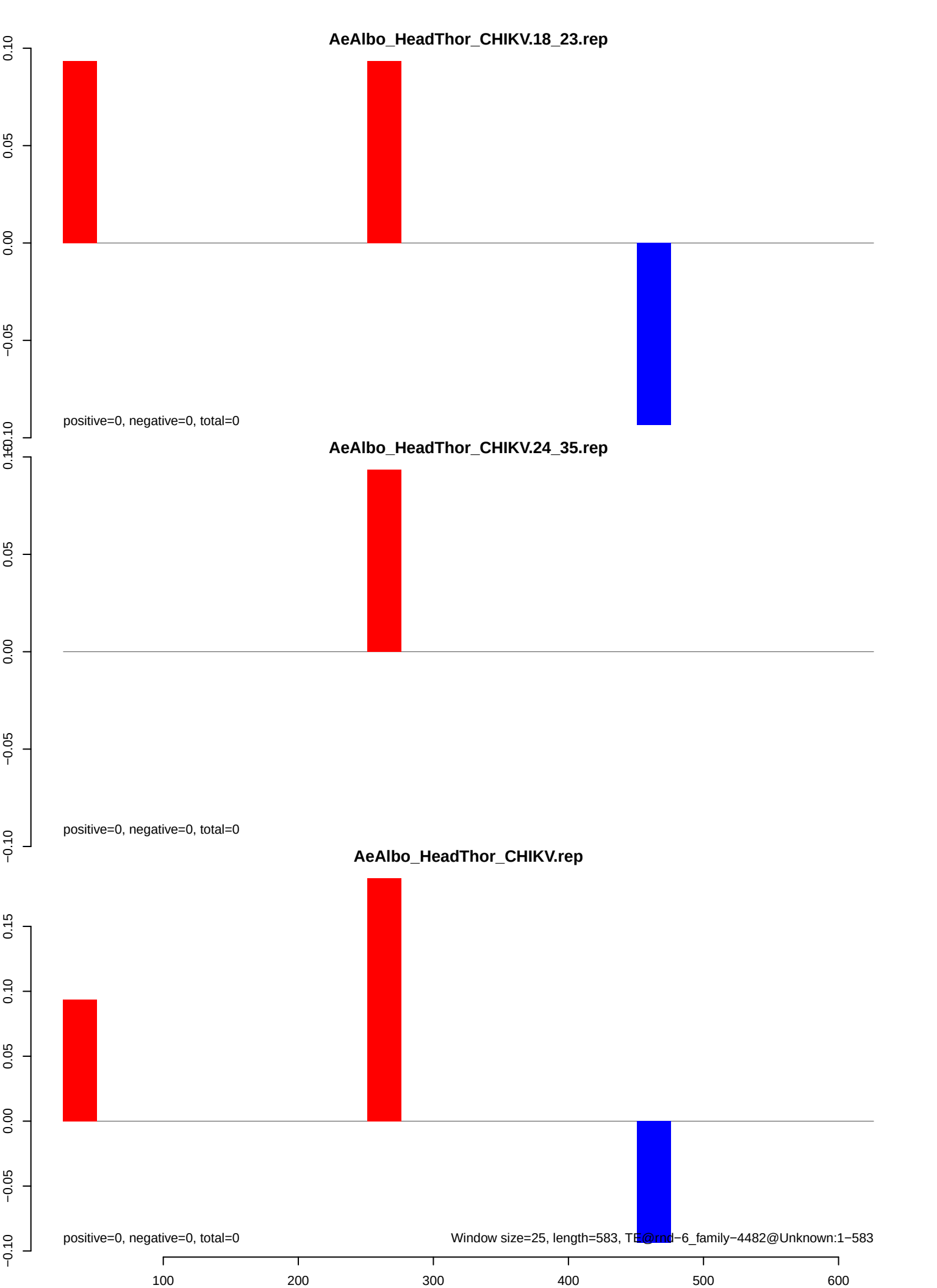

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=725, TE@rnd−6_family−5085@LINE_I:1−725
0
200
400
600

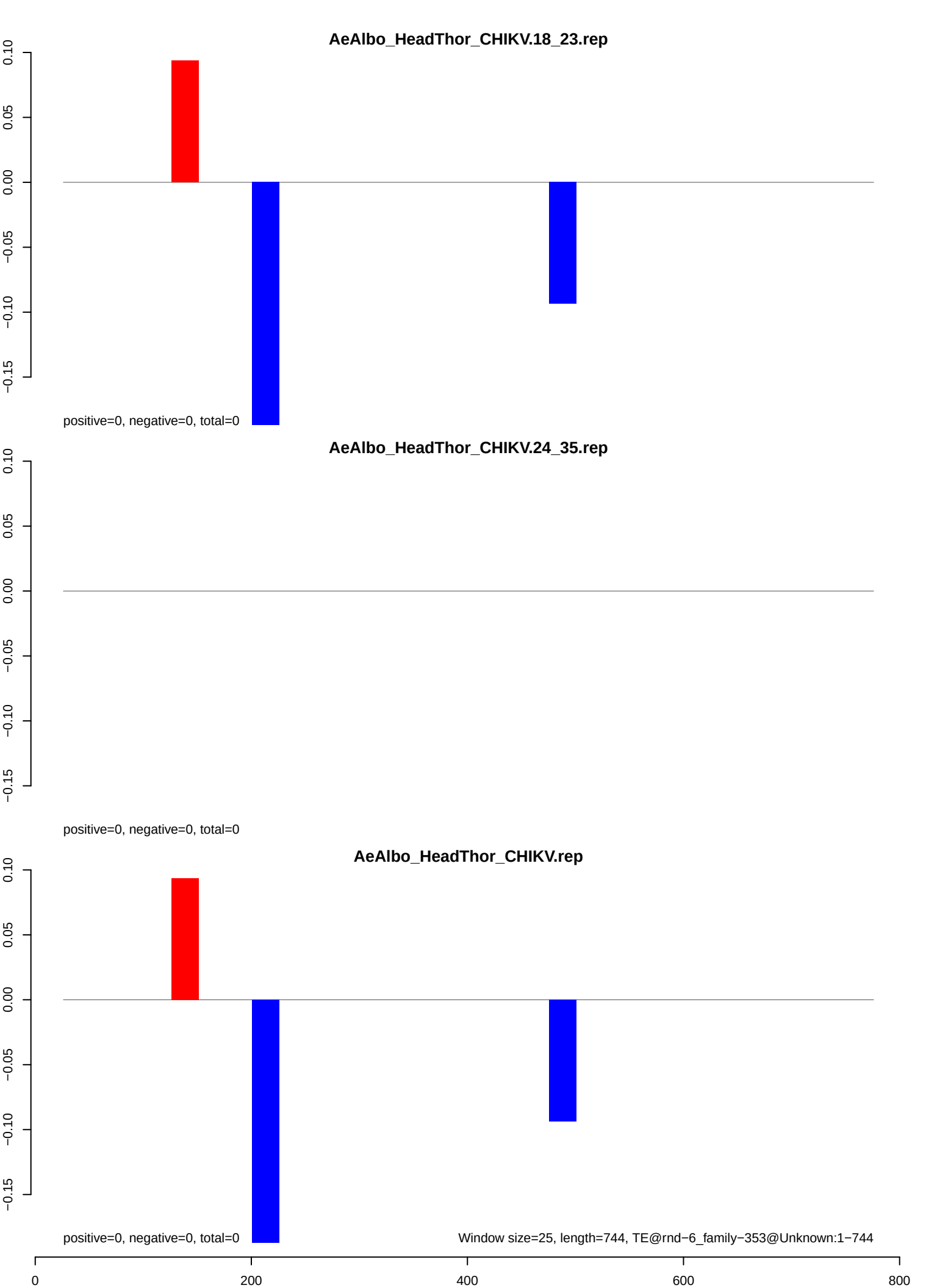

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=48, negative=0, total=48
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=48, negative=0, total=48
Window size=25, length=534, TE@rnd−6_family−5050@DNA:1−534
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=758, TE@rnd−6_family−5042@Unknown:1−758
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=744, TE@rnd−6_family−451@LTR_Pao:1−744
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800

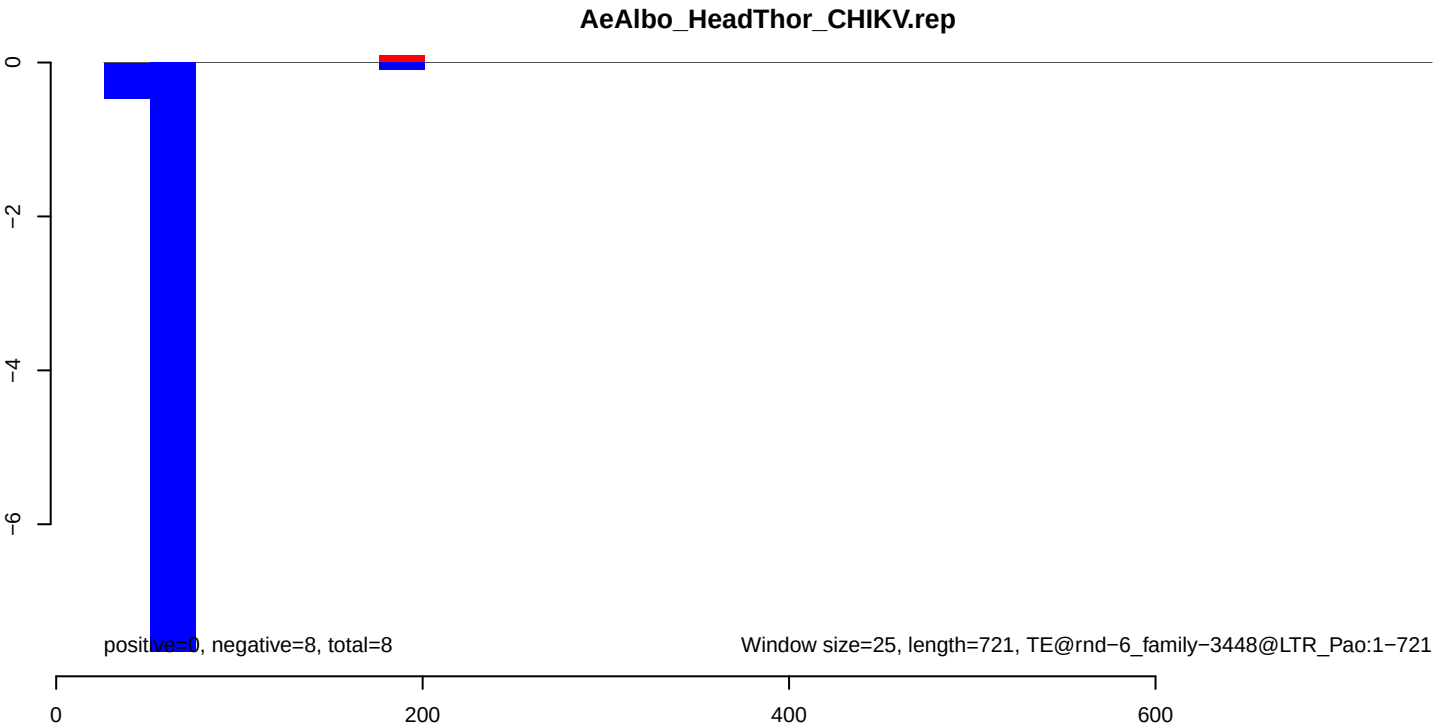

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
Window size=25, length=1145, TE@rnd−6_family−4508@Unknown:1−1145
0
200
400
600
800
1000
1200

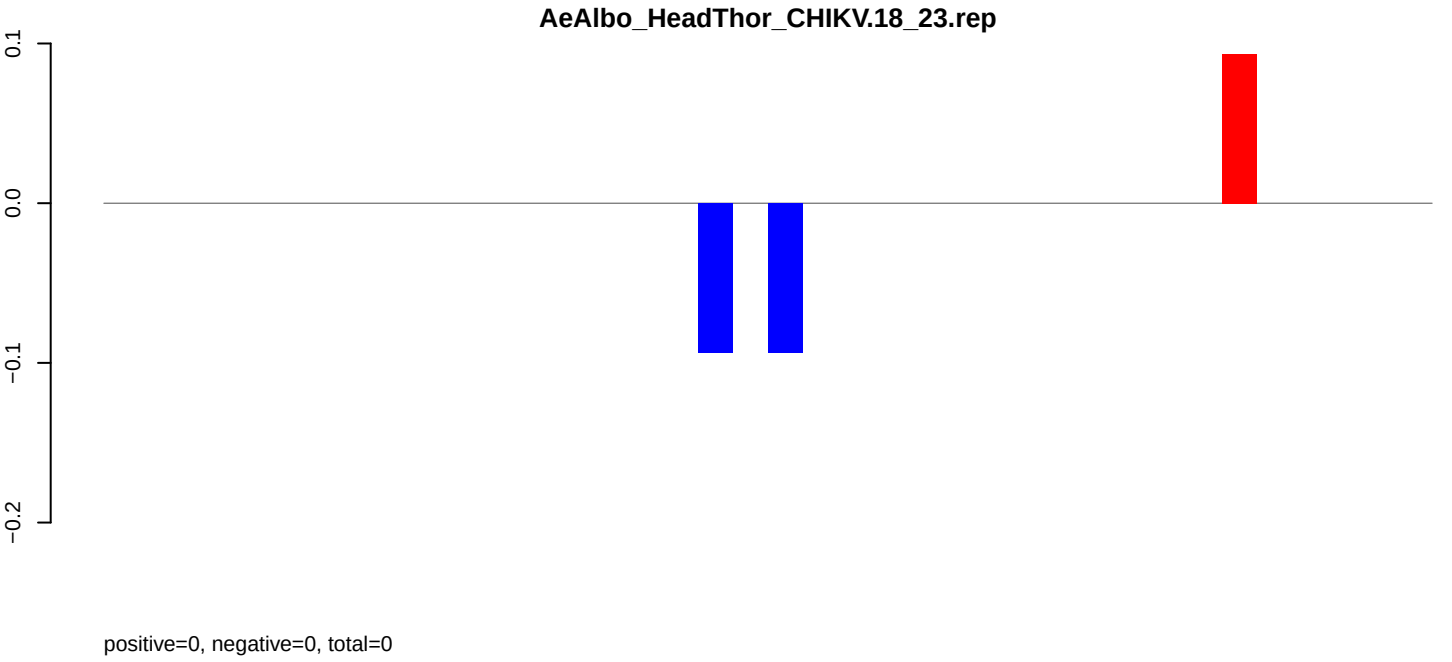

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=583, TE@rnd−6_family−4482@Unknown:1−583
100
200
300
400
500
600

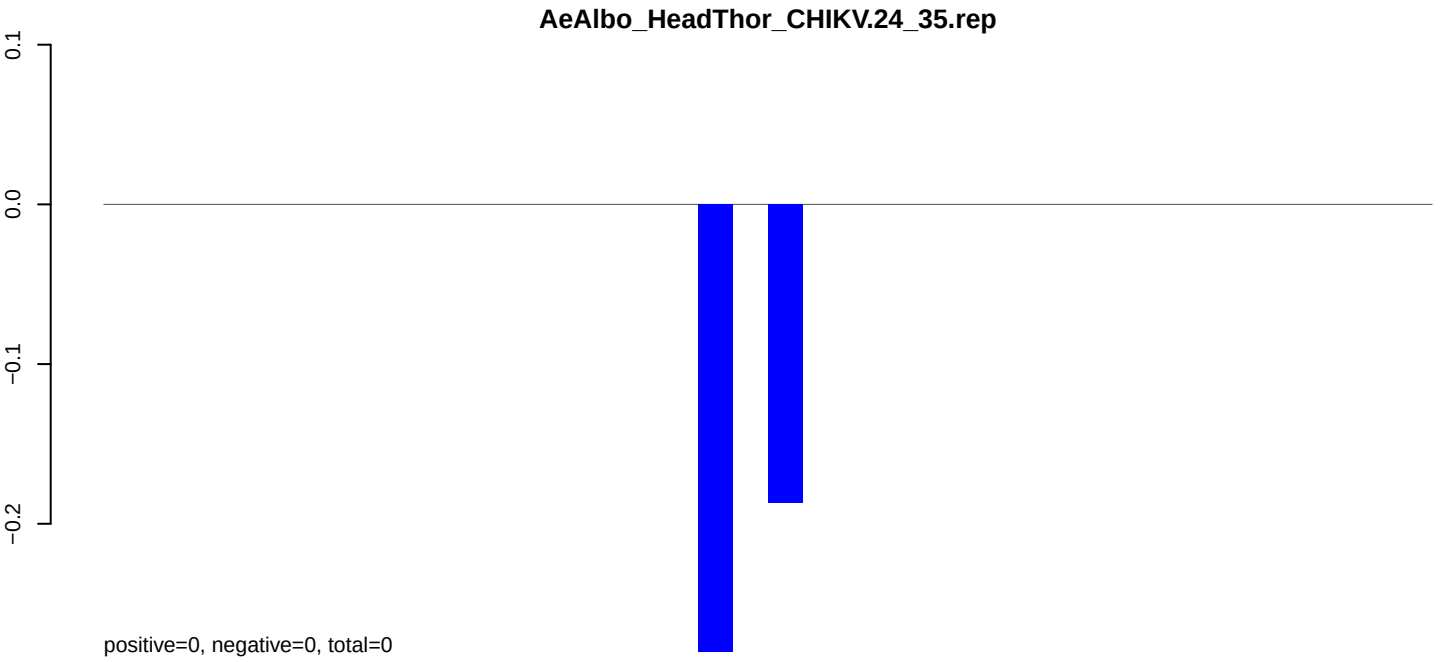

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=744, TE@rnd−6_family−353@Unknown:1−744
0
200
400
600
800

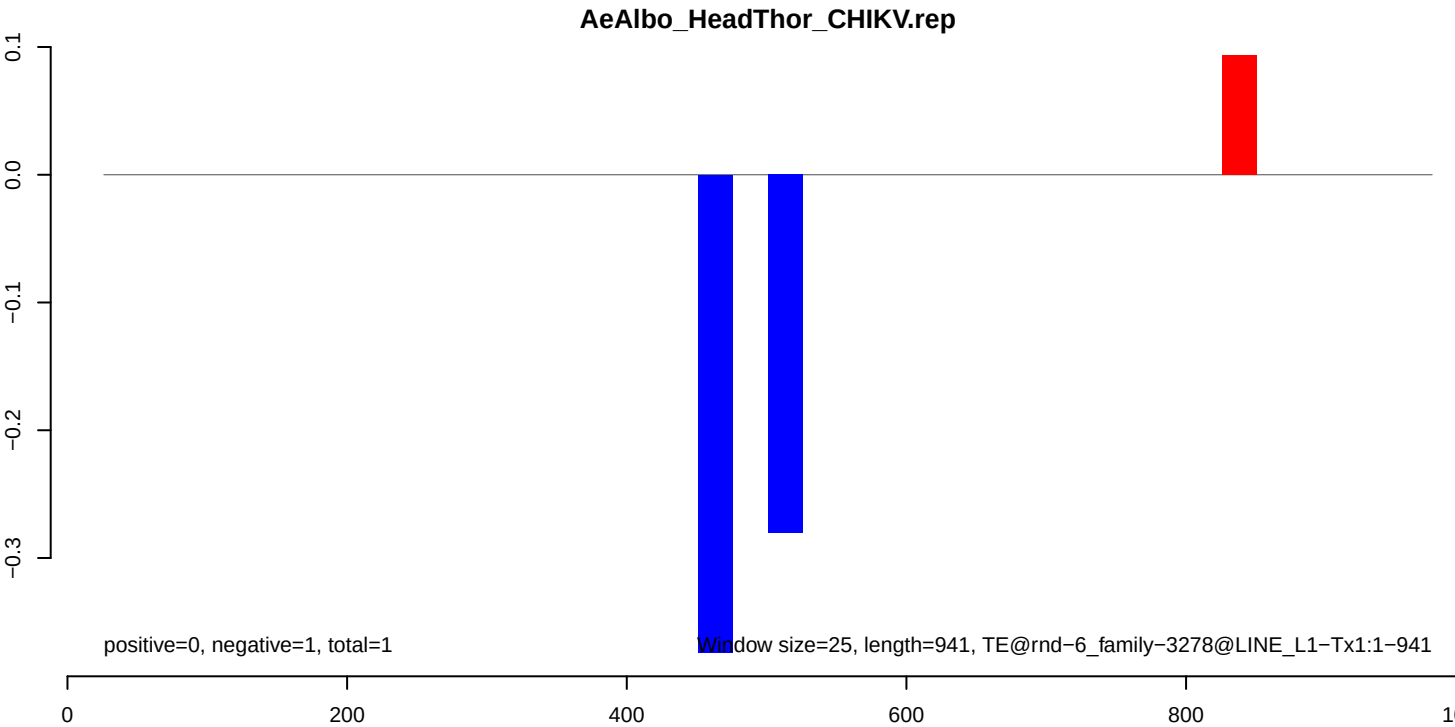
AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
positive=0, negative=8, total=8

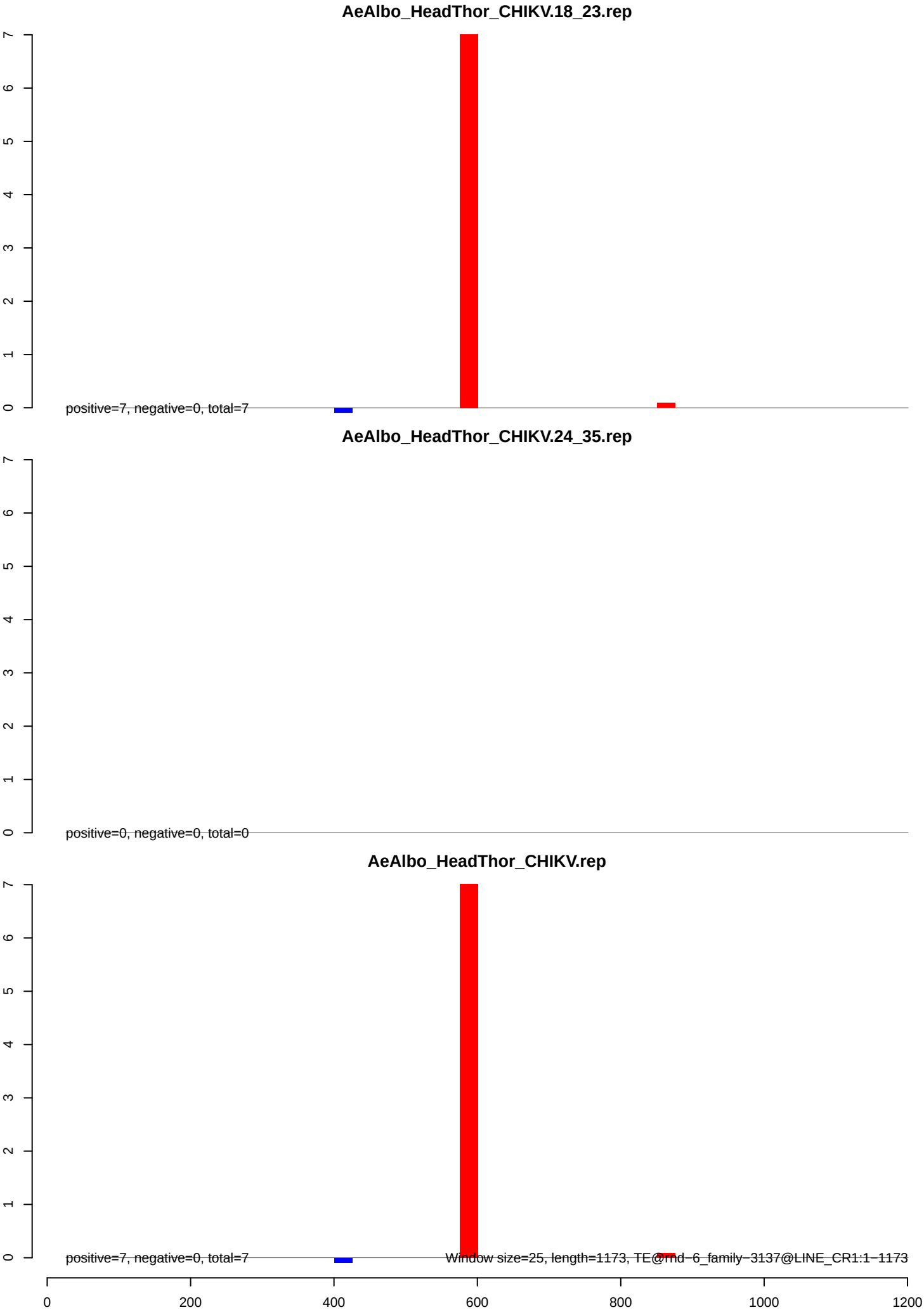
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
positive=0, negative=0, total=0

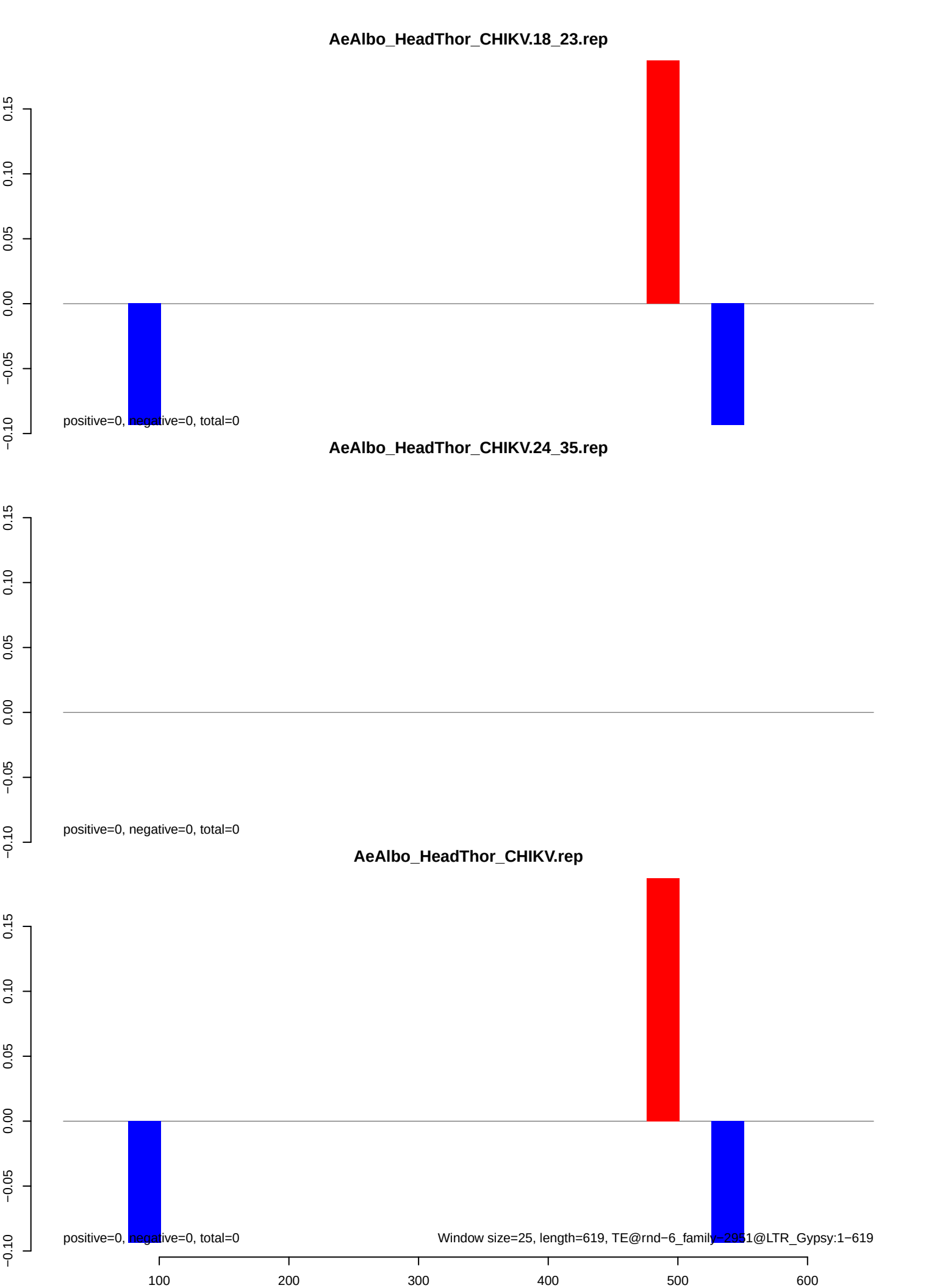

AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
positive=0, negative=8, total=8
Window size=25, length=721, TE@rnd−6_family−3448@LTR_Pao:1−721
0
200
400
600

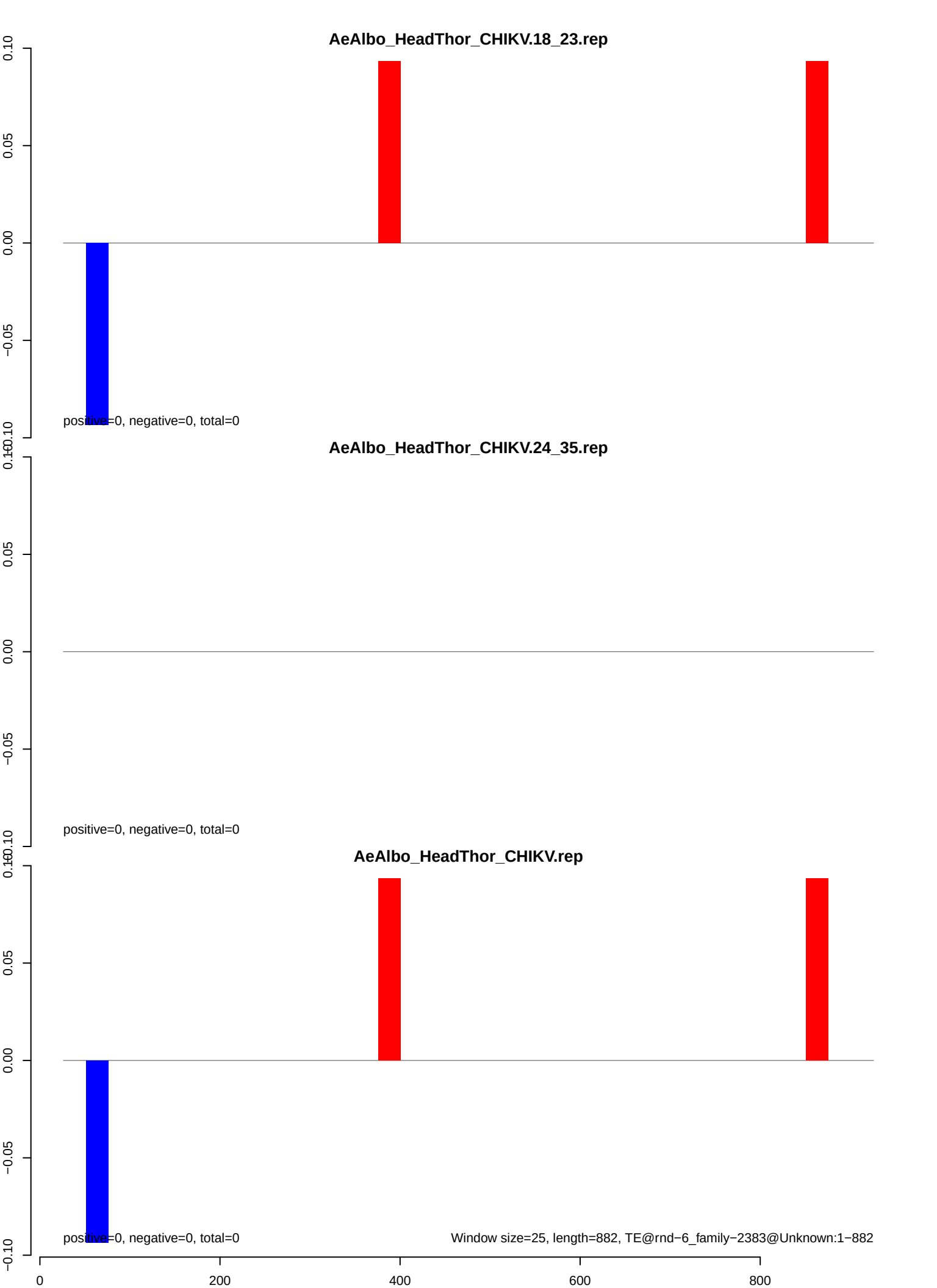

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=941, TE@rnd−6_family−3278@LINE_L1−Tx1:1−941
0
200
400
600
800
1000

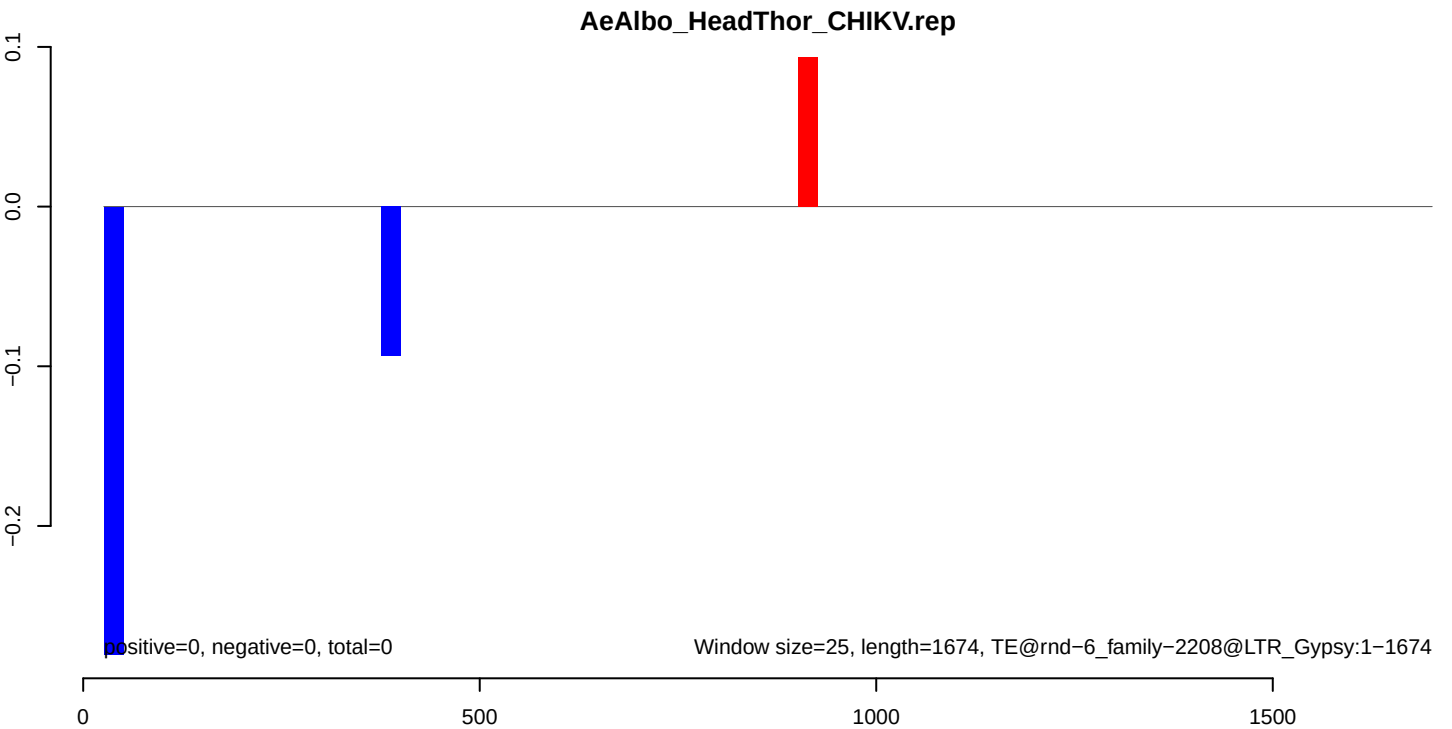

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=7, negative=0, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=7, negative=0, total=7
Window size=25, length=1173, TE@rnd−6_family−3137@LINE_CR1:1−1173
0
200
400
600
800
1000
1200

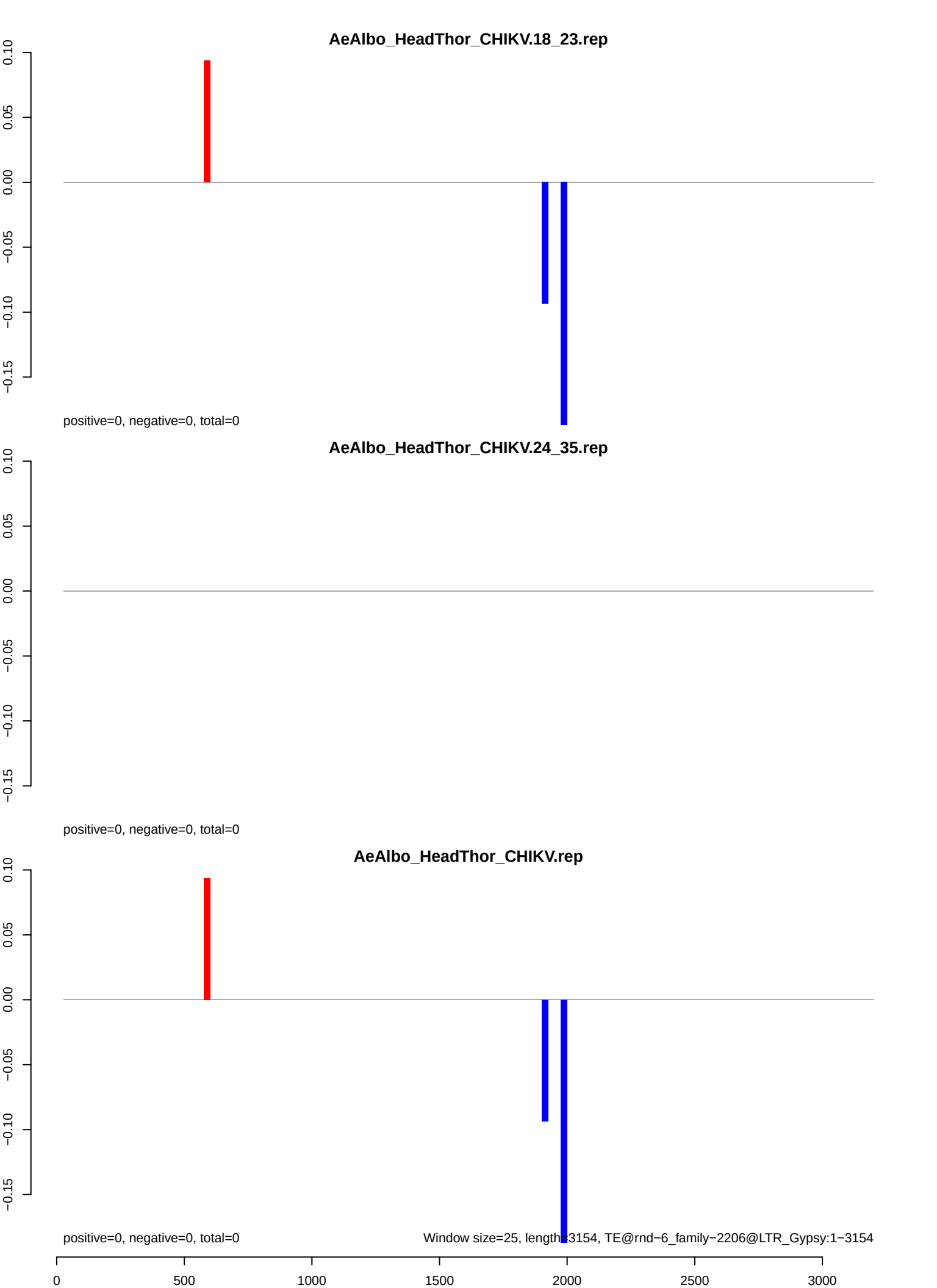

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=619, TE@rnd−6_family−2951@LTR_Gypsy:1−619
100
200
300
400
500
600

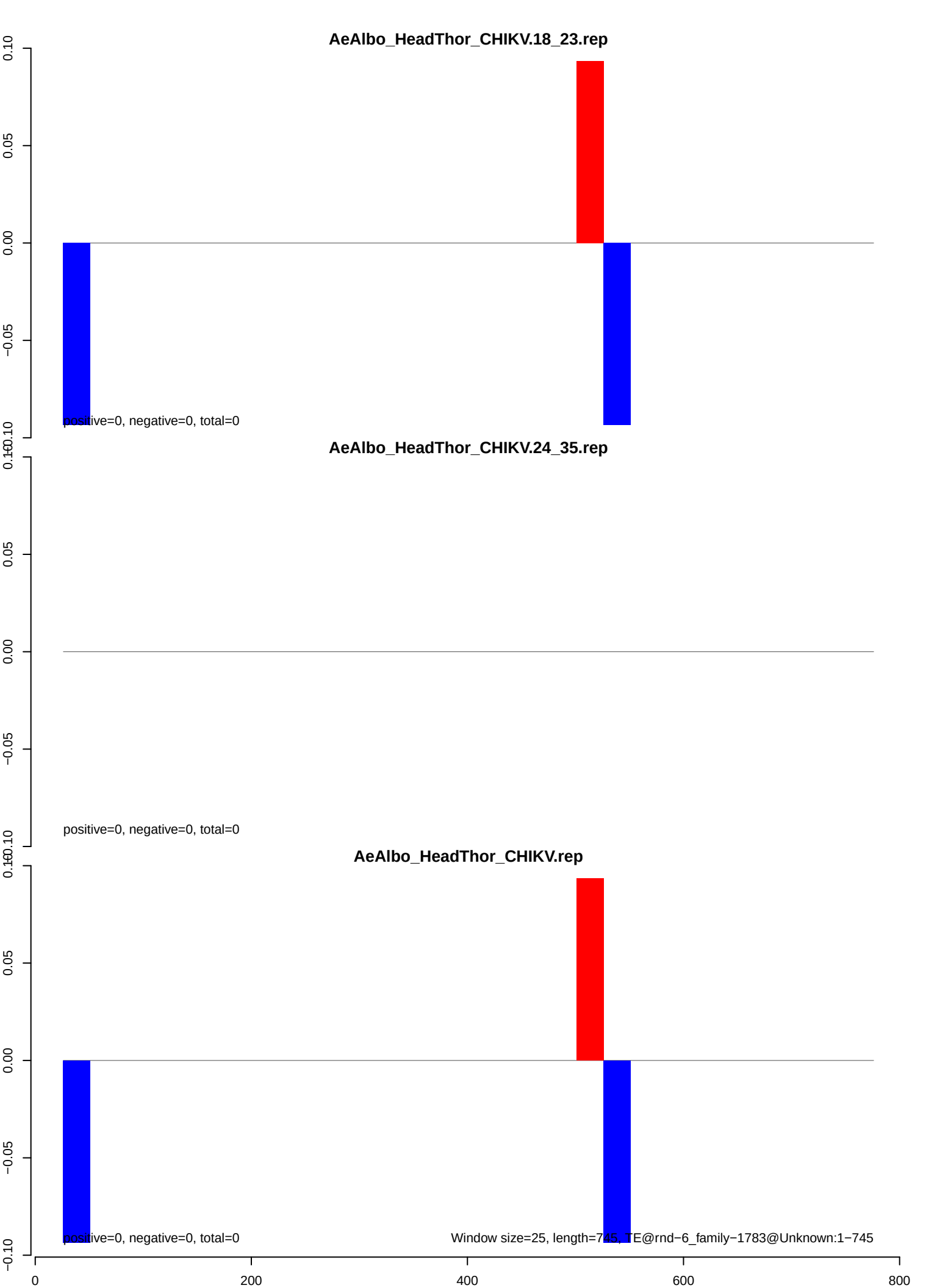

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=882, TE@rnd−6_family−2383@Unknown:1−882
0
200
400
600
800

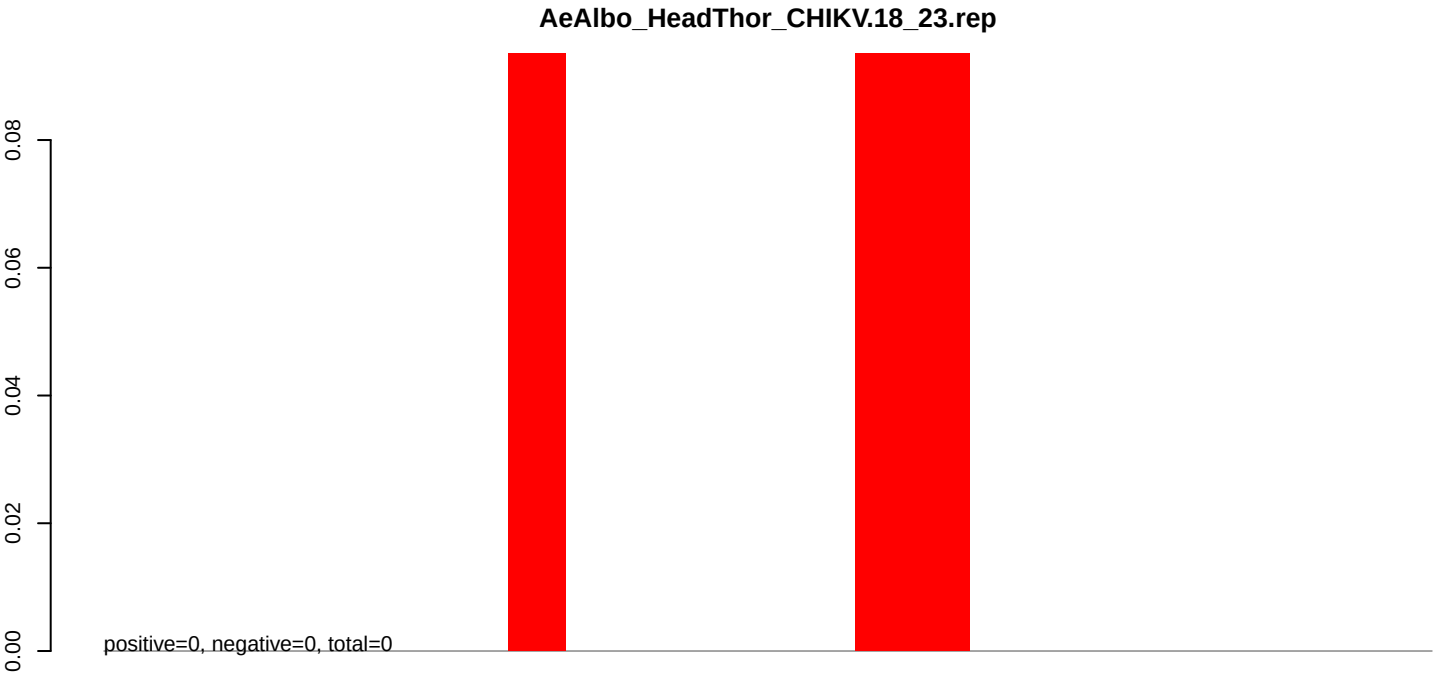
AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

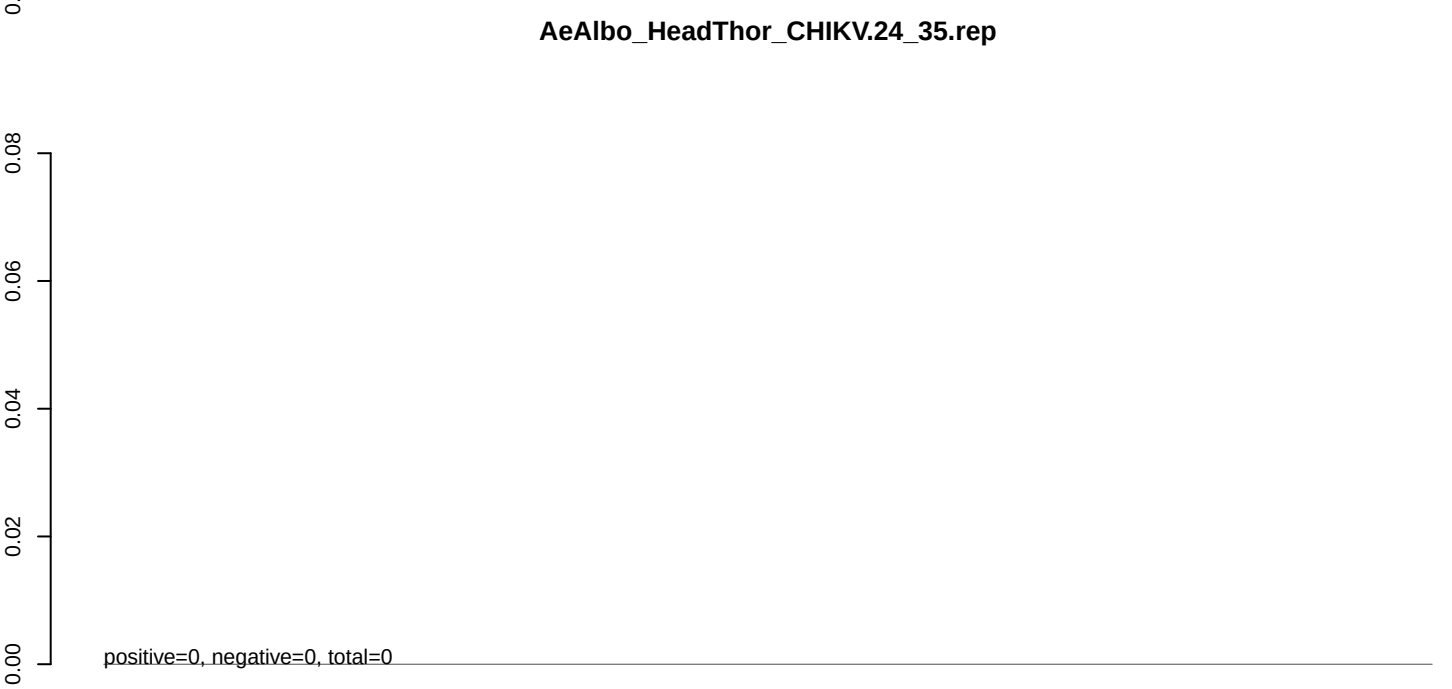
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

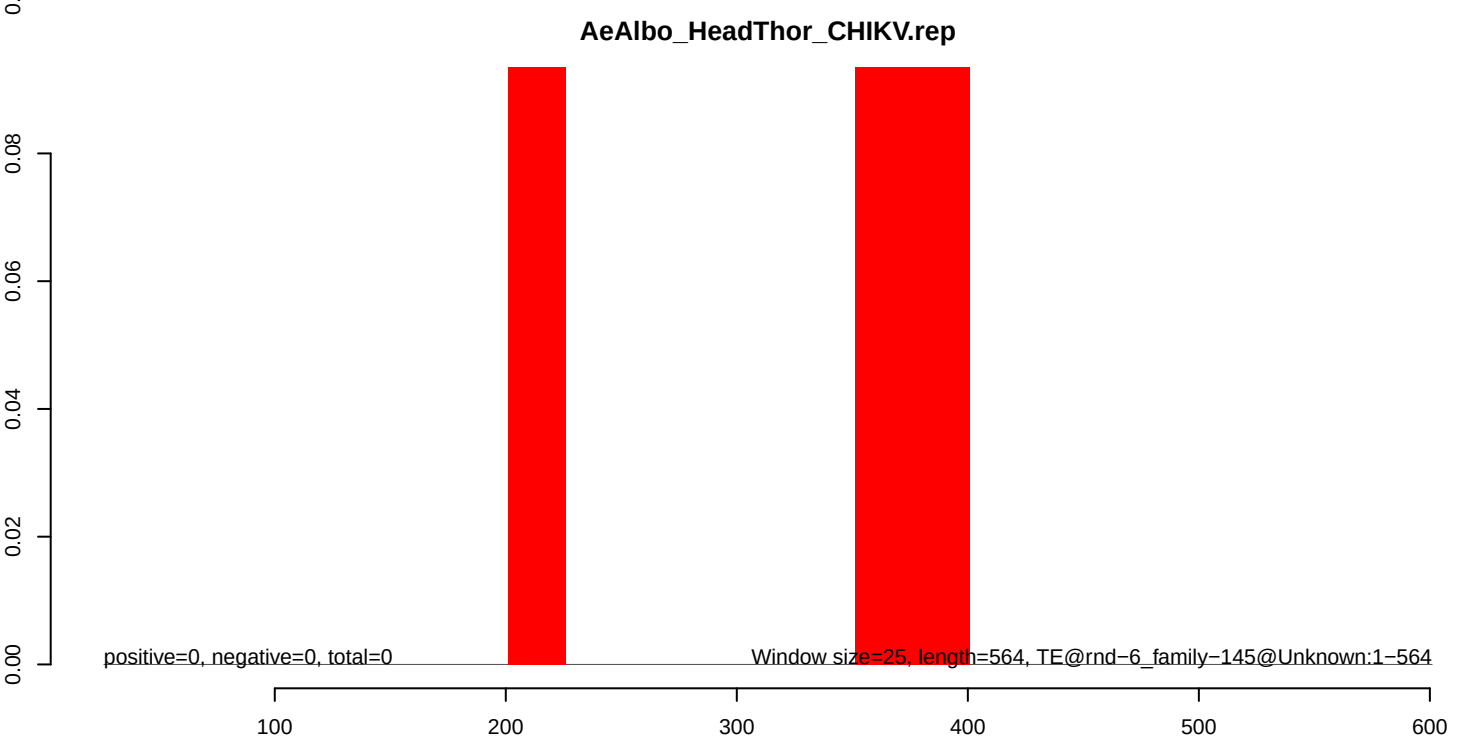

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
Window size=25, length=1674, TE@rnd−6_family−2208@LTR_Gypsy:1−1674
0
500
1000
1500

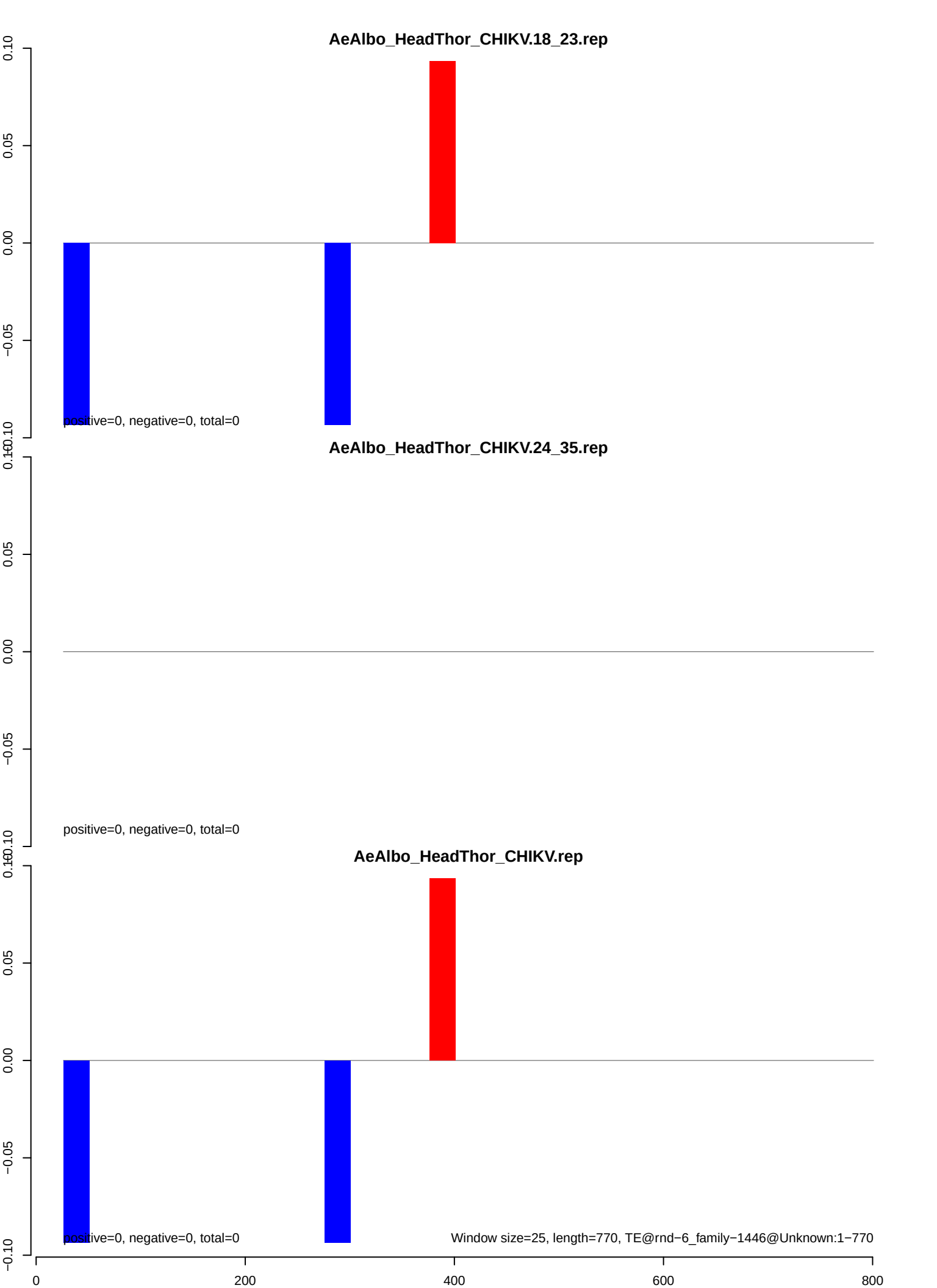

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=3154, TE@rnd−6_family−2206@LTR_Gypsy:1−3154
0
500
1000
1500
2000
2500
3000

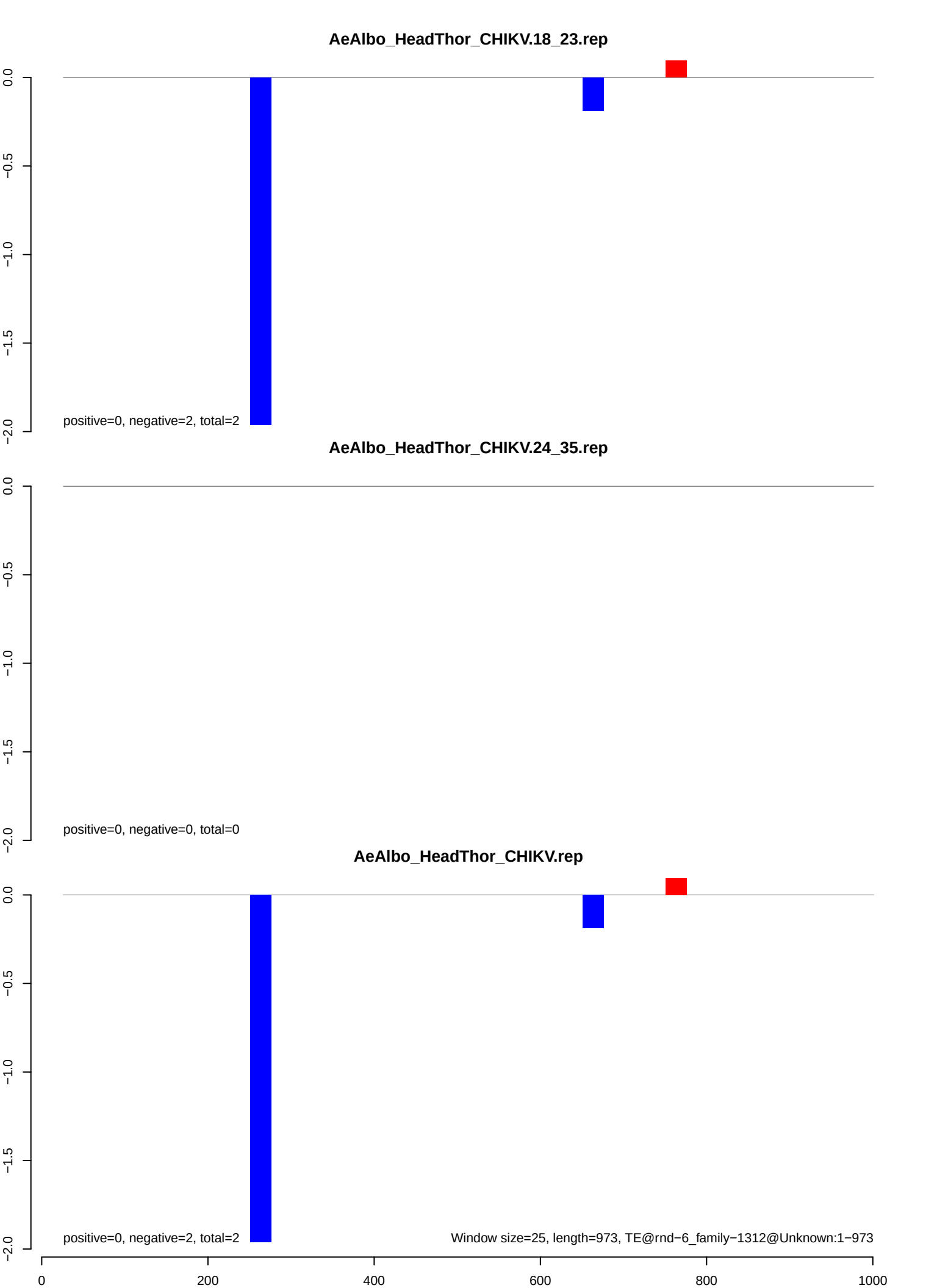

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=745, TE@rnd−6_family−1783@Unknown:1−745
0
200
400
600
800

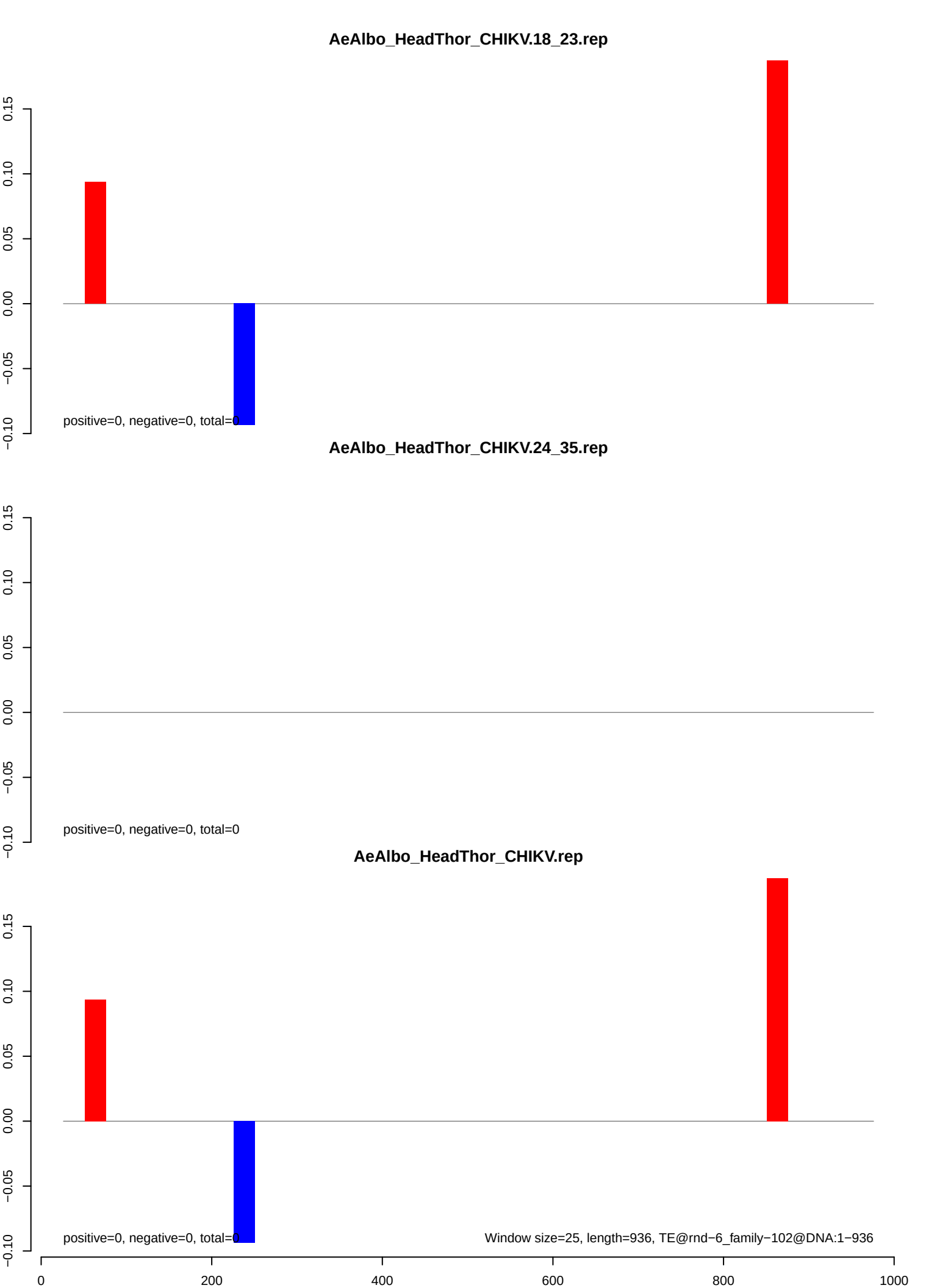

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

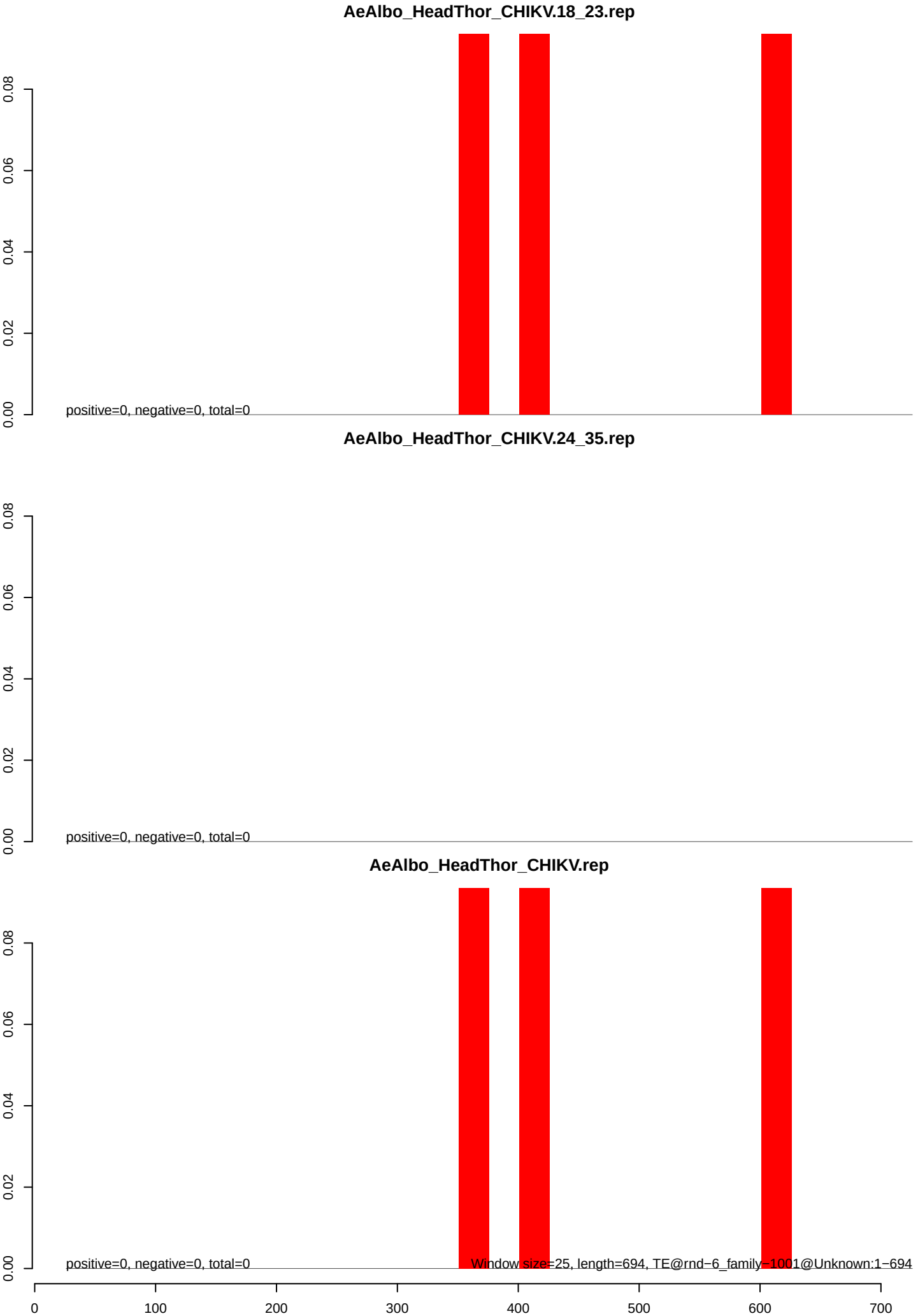

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

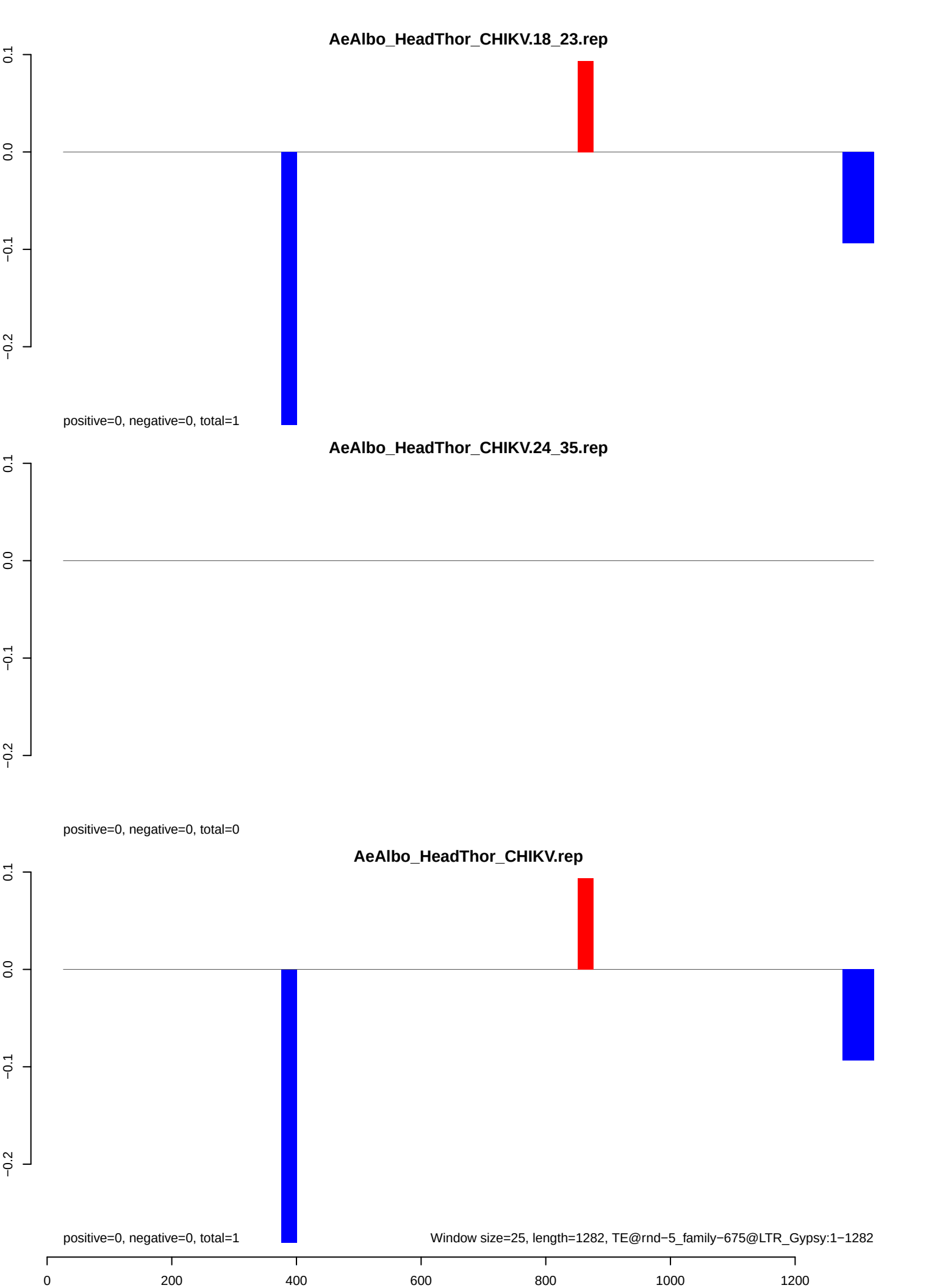

AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=564, TE@rnd−6_family−145@Unknown:1−564
100
200
300
400
500
600

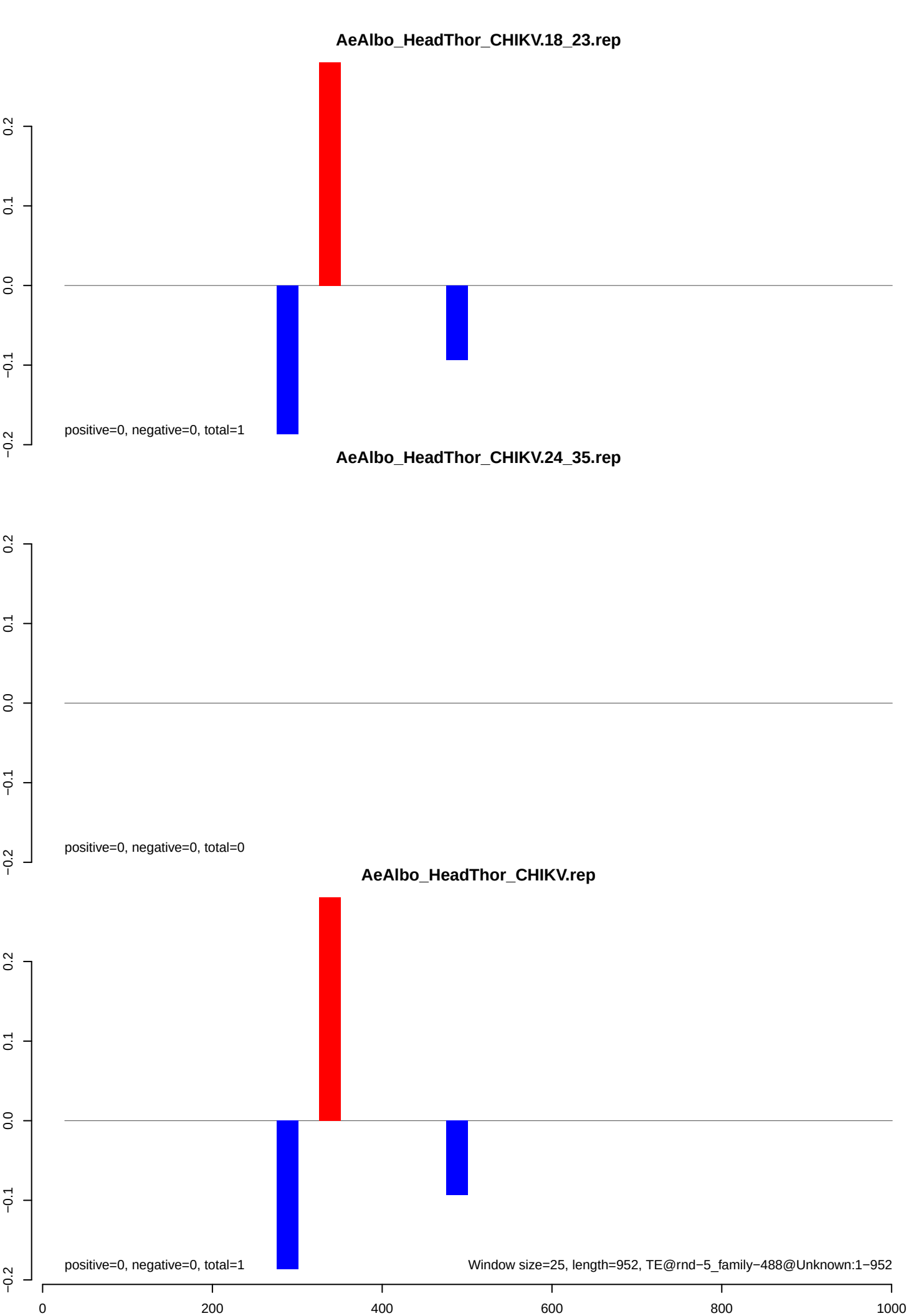

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=770, TE@rnd−6_family−1446@Unknown:1−770
0
200
400
600
800

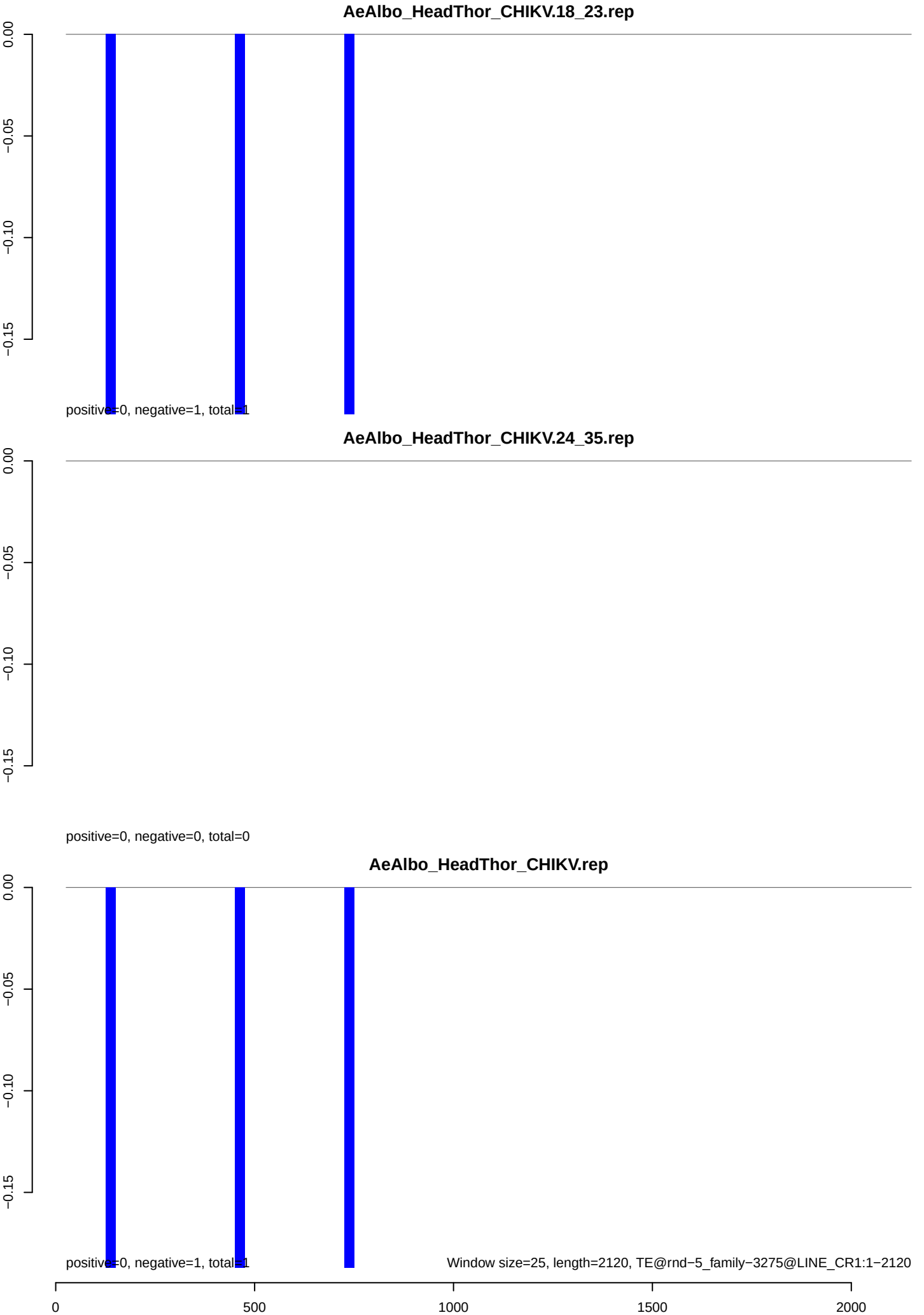

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=2
Window size=25, length=973, TE@rnd−6_family−1312@Unknown:1−973
0
200
400
600
800
1000

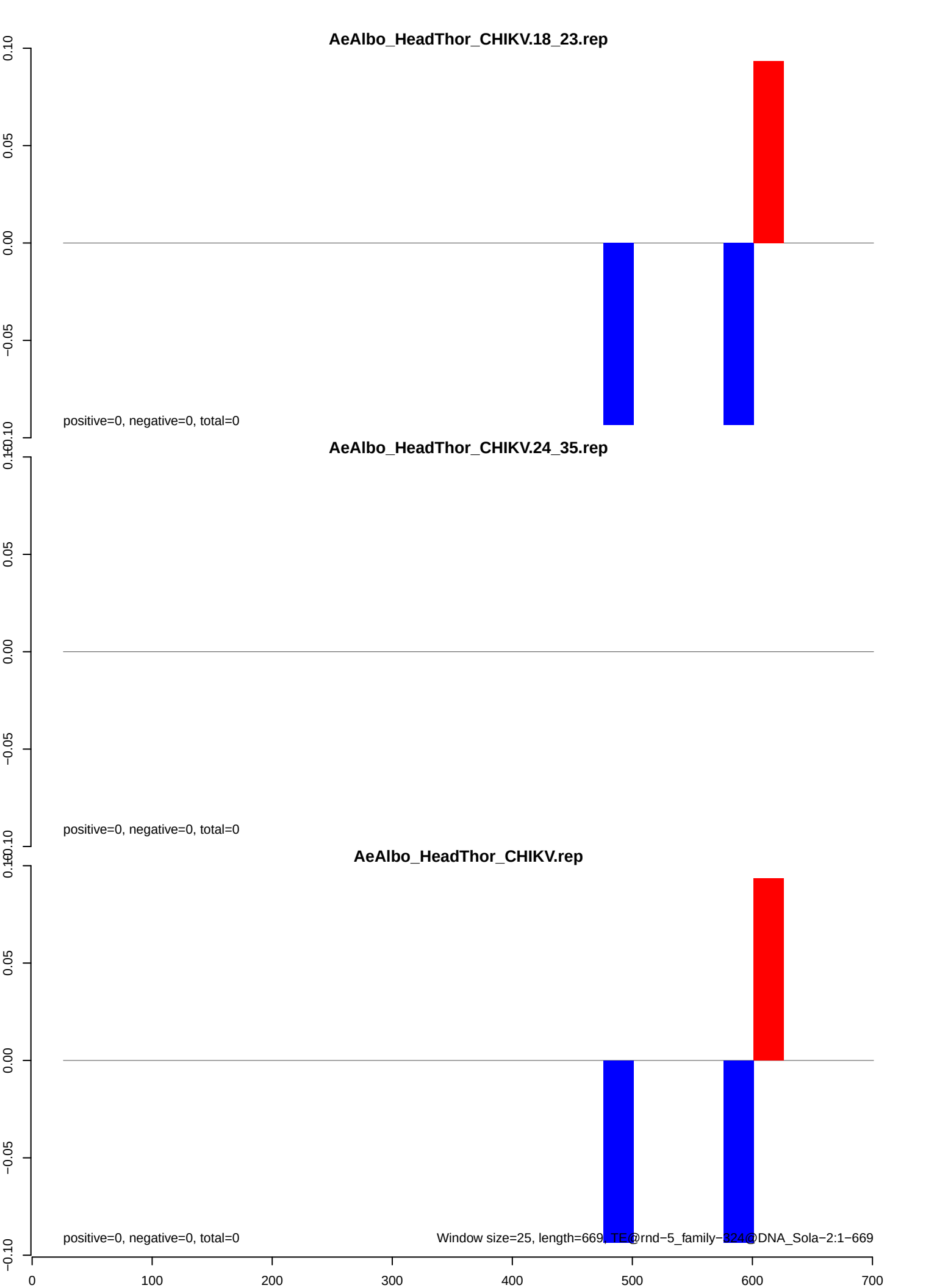

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=936, TE@rnd−6_family−102@DNA:1−936
0
200
400
600
800
1000

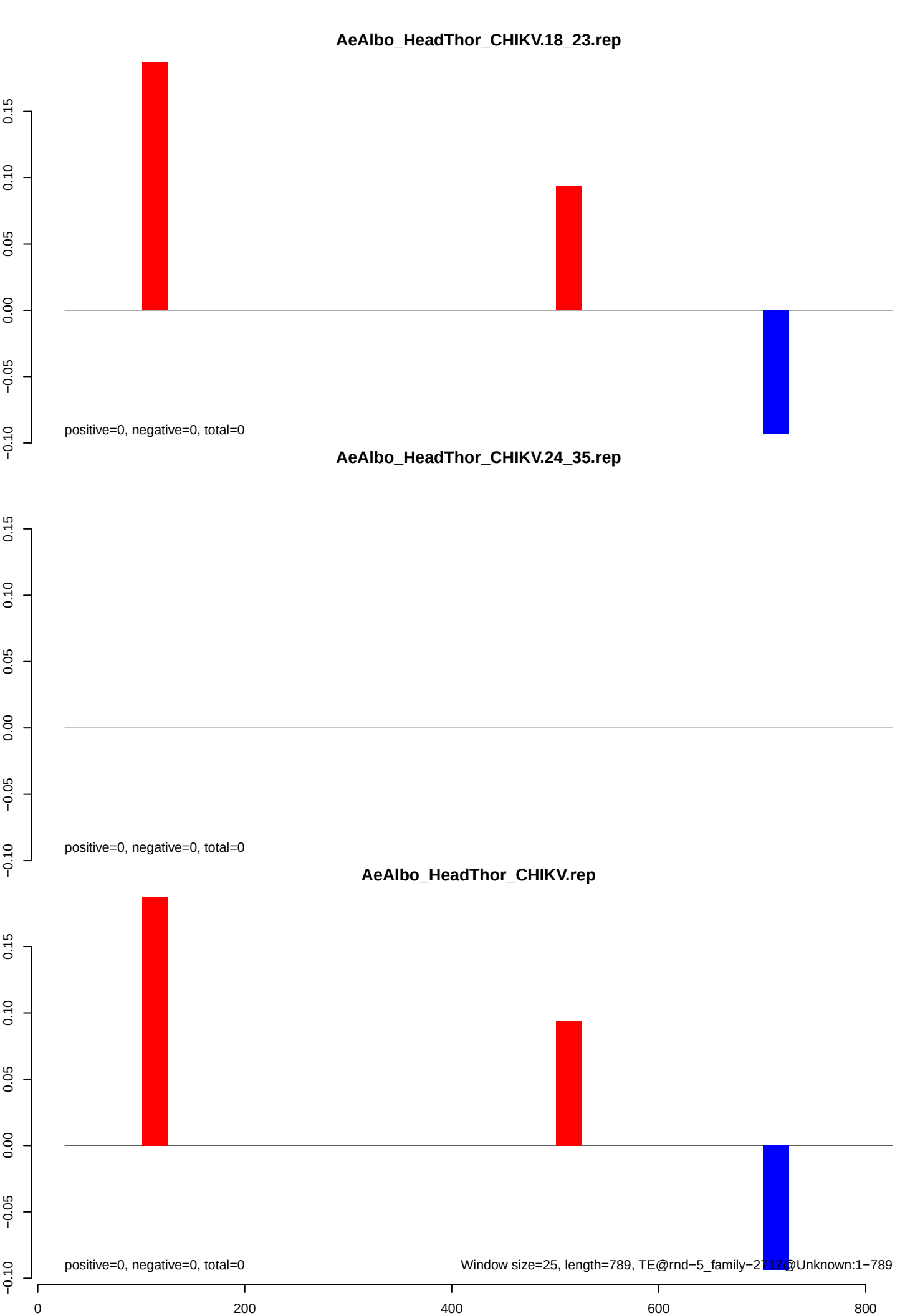

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=694, TE@rnd−6_family−1001@Unknown:1−694
0
100
200
300
400
500
600
700

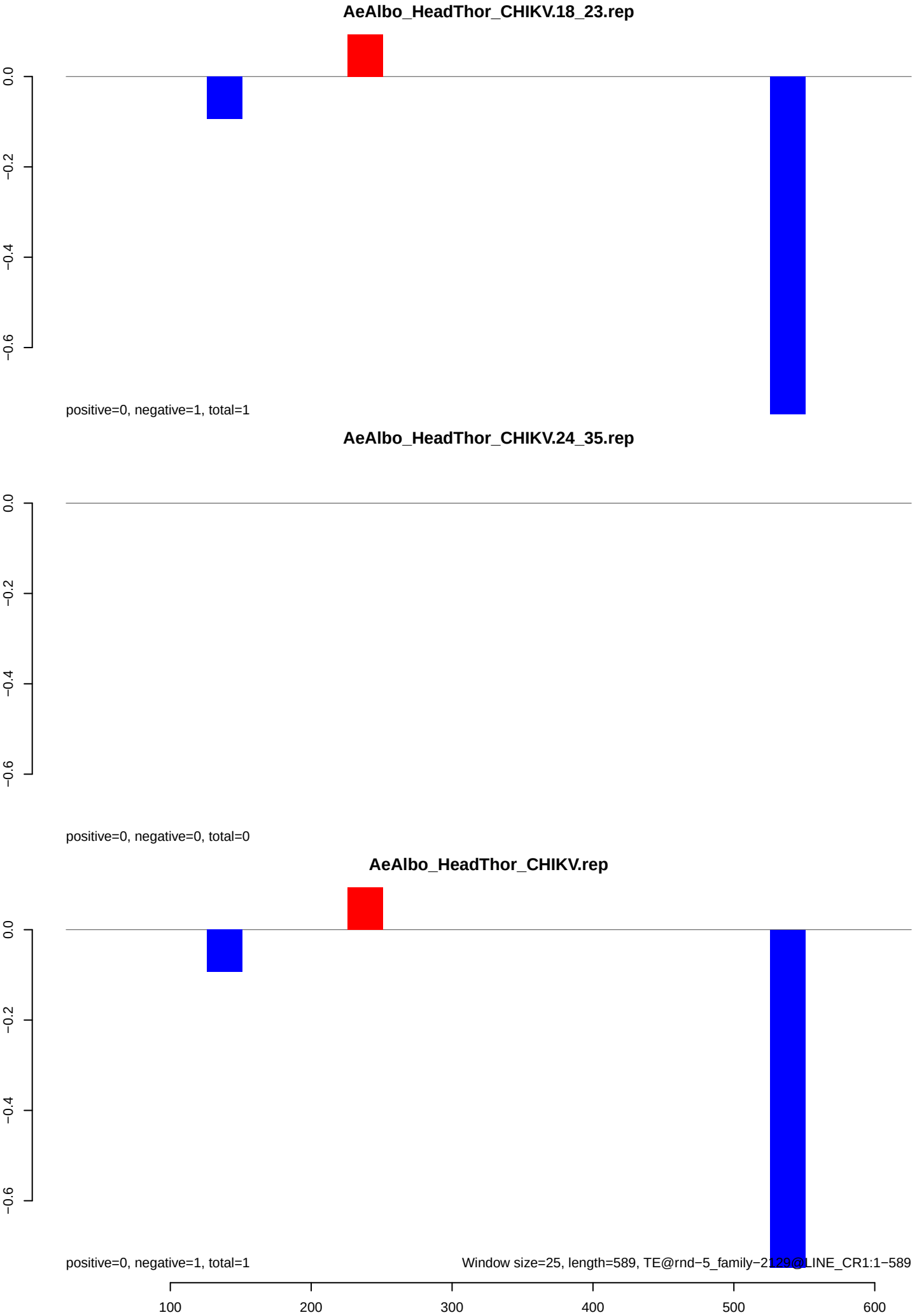

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=1282, TE@rnd−5_family−675@LTR_Gypsy:1−1282
0
200
400
600
800
1000
1200

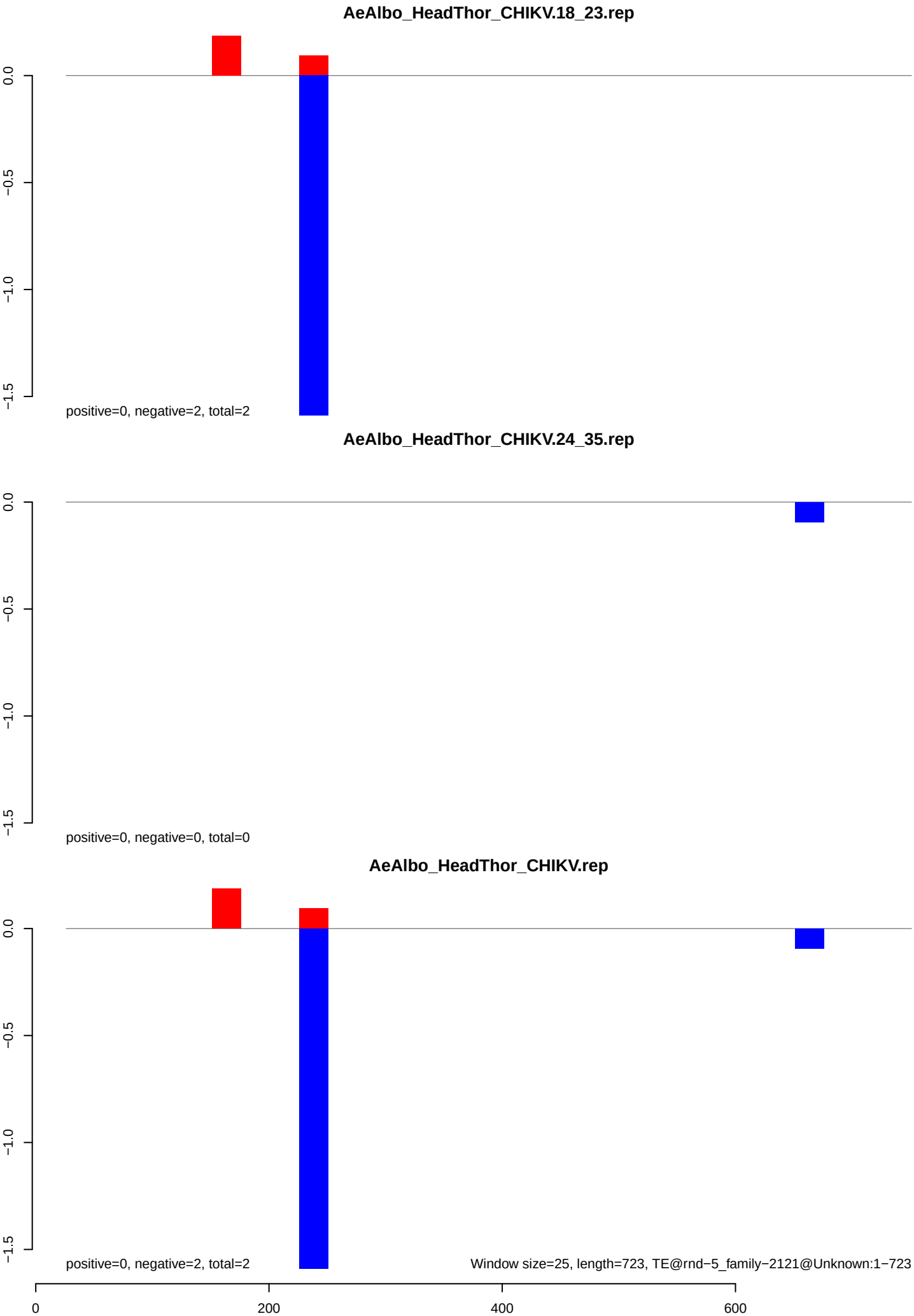

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=952, TE@rnd−5_family−488@Unknown:1−952
0
200
400
600
800
1000

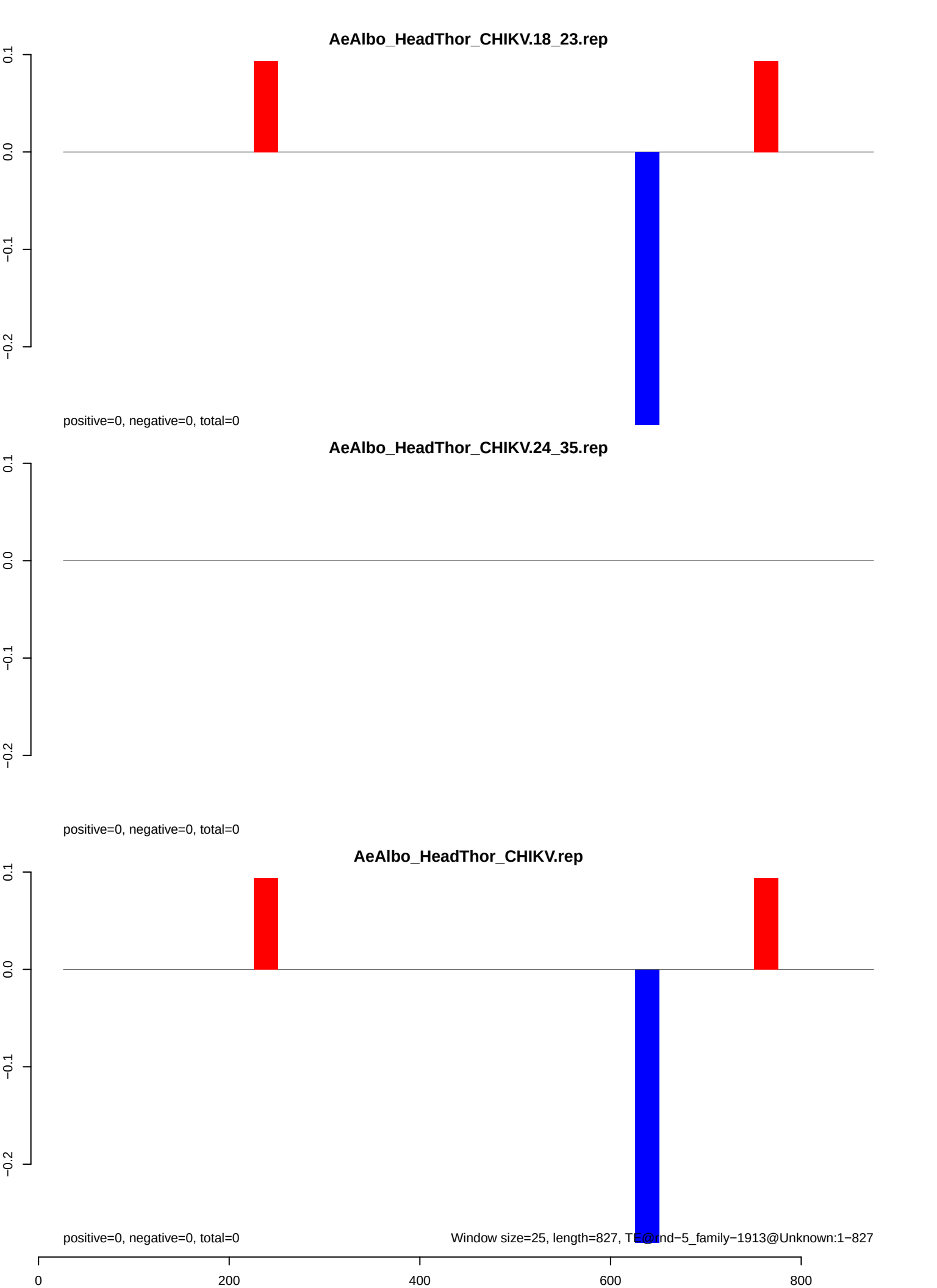

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=1, total=1
Window size=25, length=2120, TE@rnd−5_family−3275@LINE_CR1:1−2120
0
500
1000
1500
2000

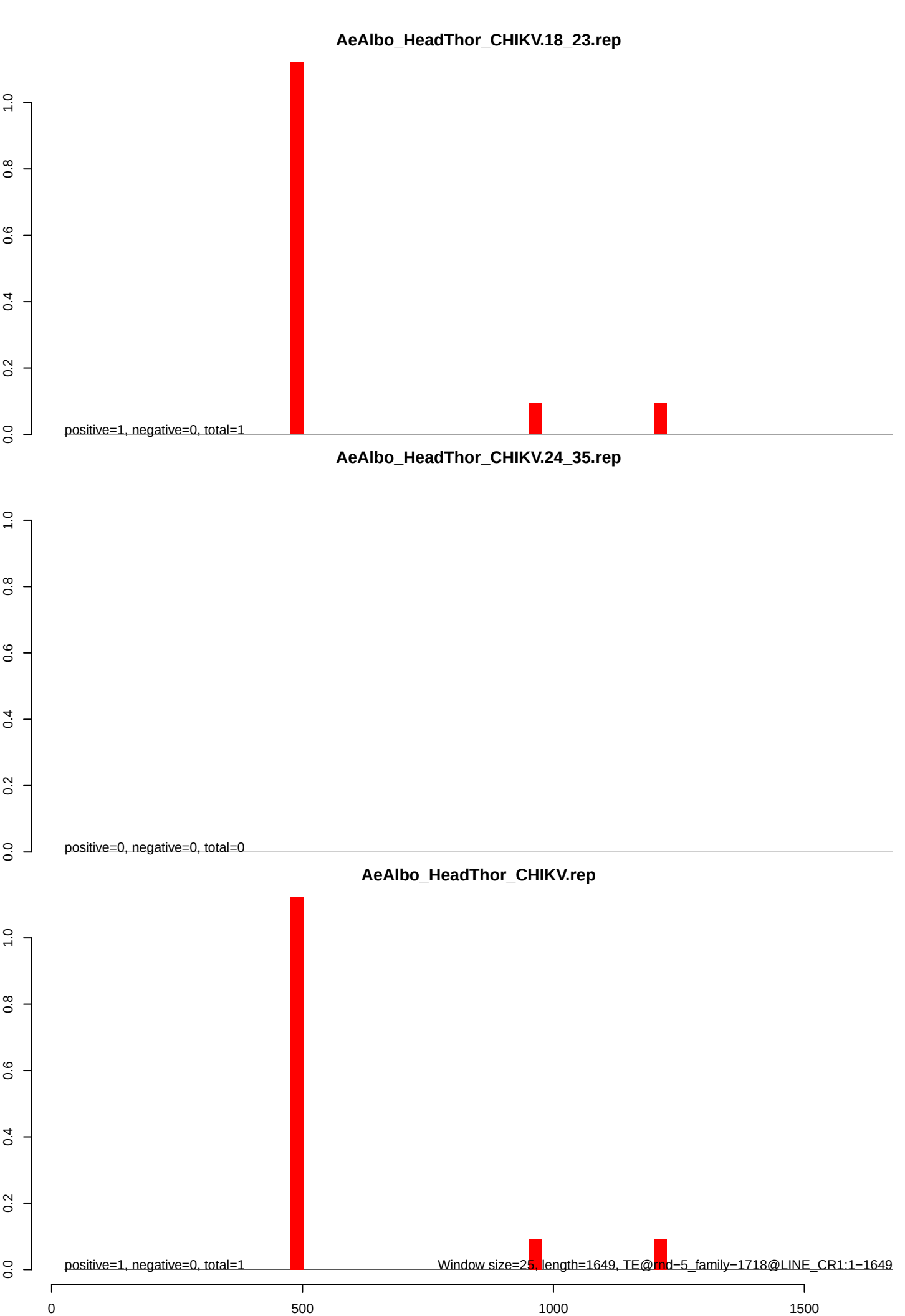

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=669, TE@rnd−5_family−324@DNA_Sola−2:1−669
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700

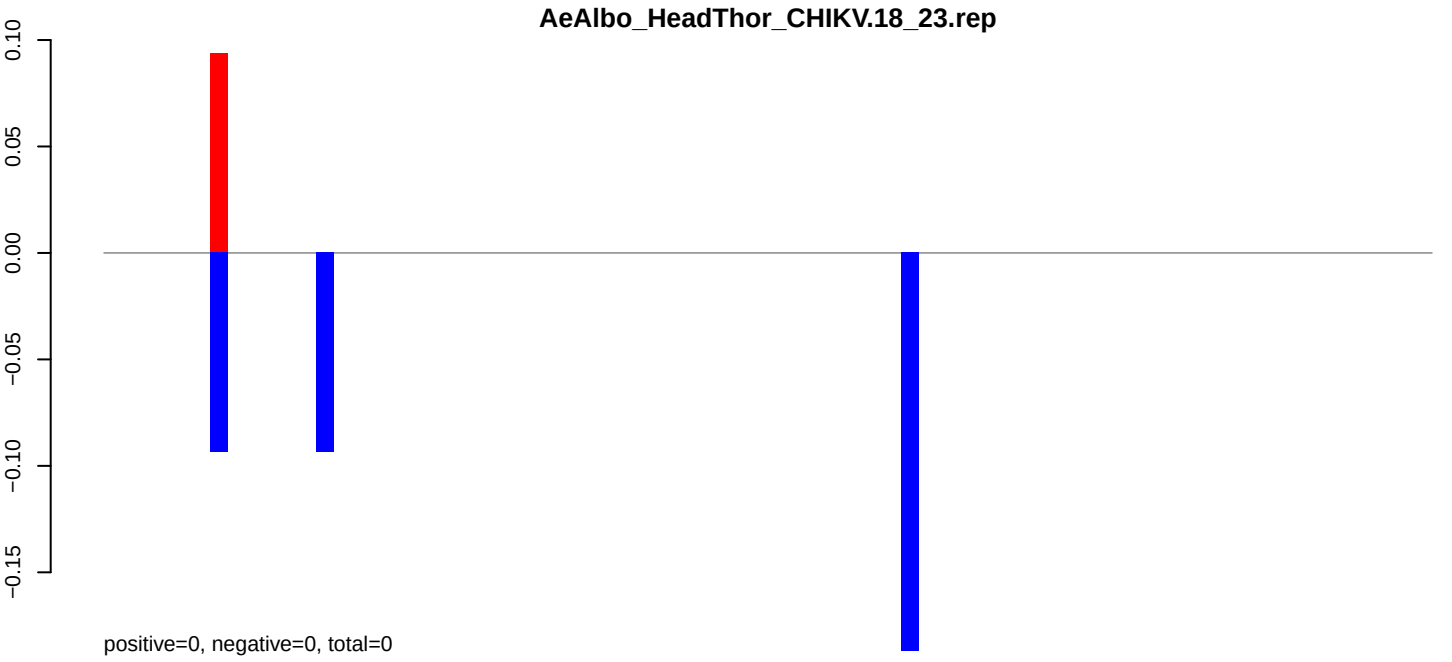

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=789, TE@rnd−5_family−2717@Unknown:1−789
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=589, TE@rnd−5_family−2129@LINE_CR1:1−589
100
200
300
400
500
600

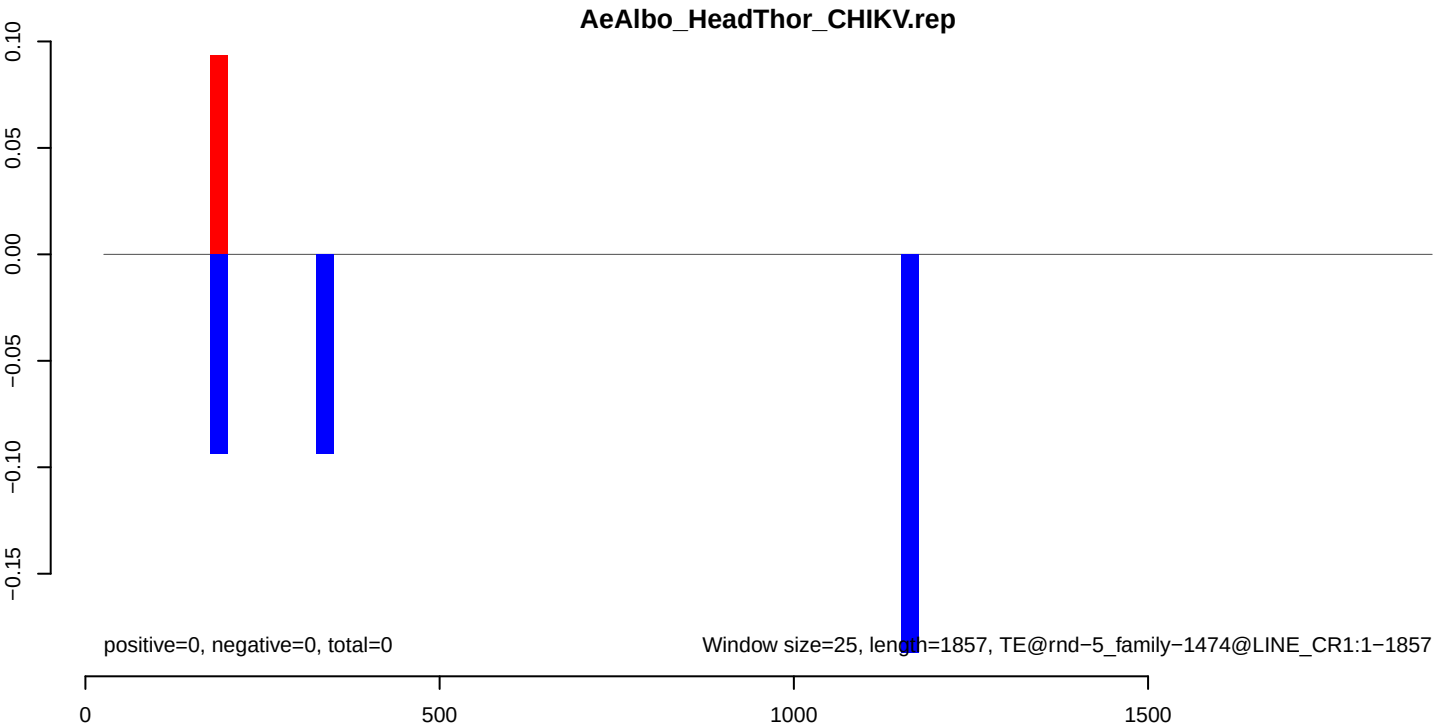

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
Window size=25, length=723, TE@rnd−5_family−2121@Unknown:1−723
0
200
400
600

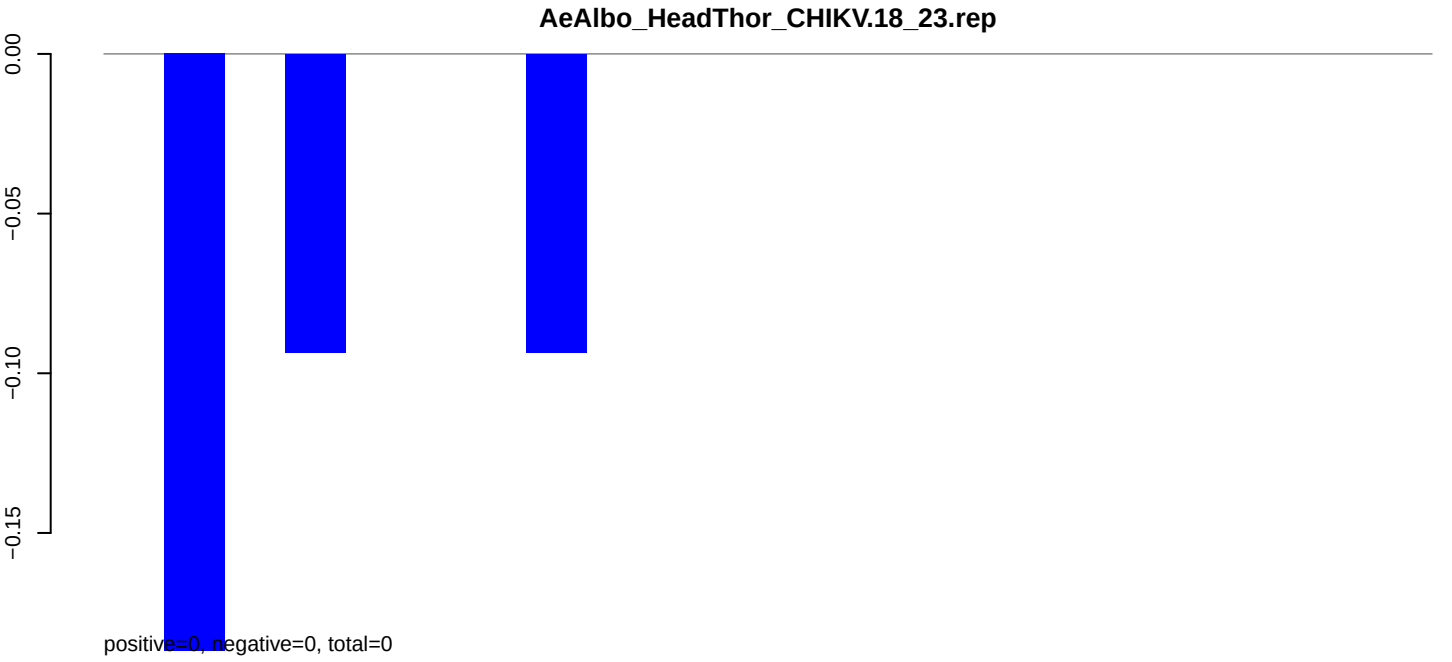

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
Window size=25, length=827, TE@rnd−5_family−1913@Unknown:1−827
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
1.0
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
1.0
positive=1, negative=0, total=1
Window size=25, length=1649, TE@rnd−5_family−1718@LINE_CR1:1−1649
0
500
1000
1500

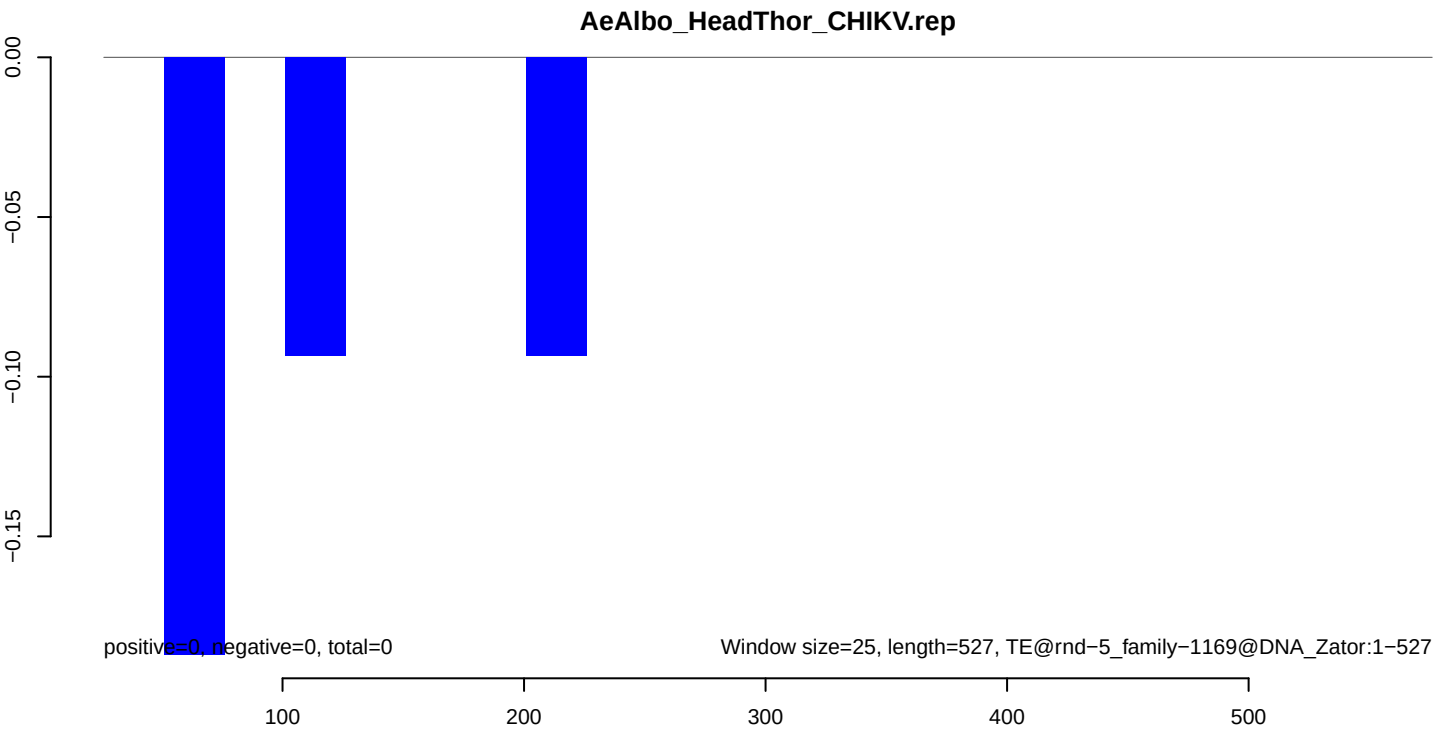

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

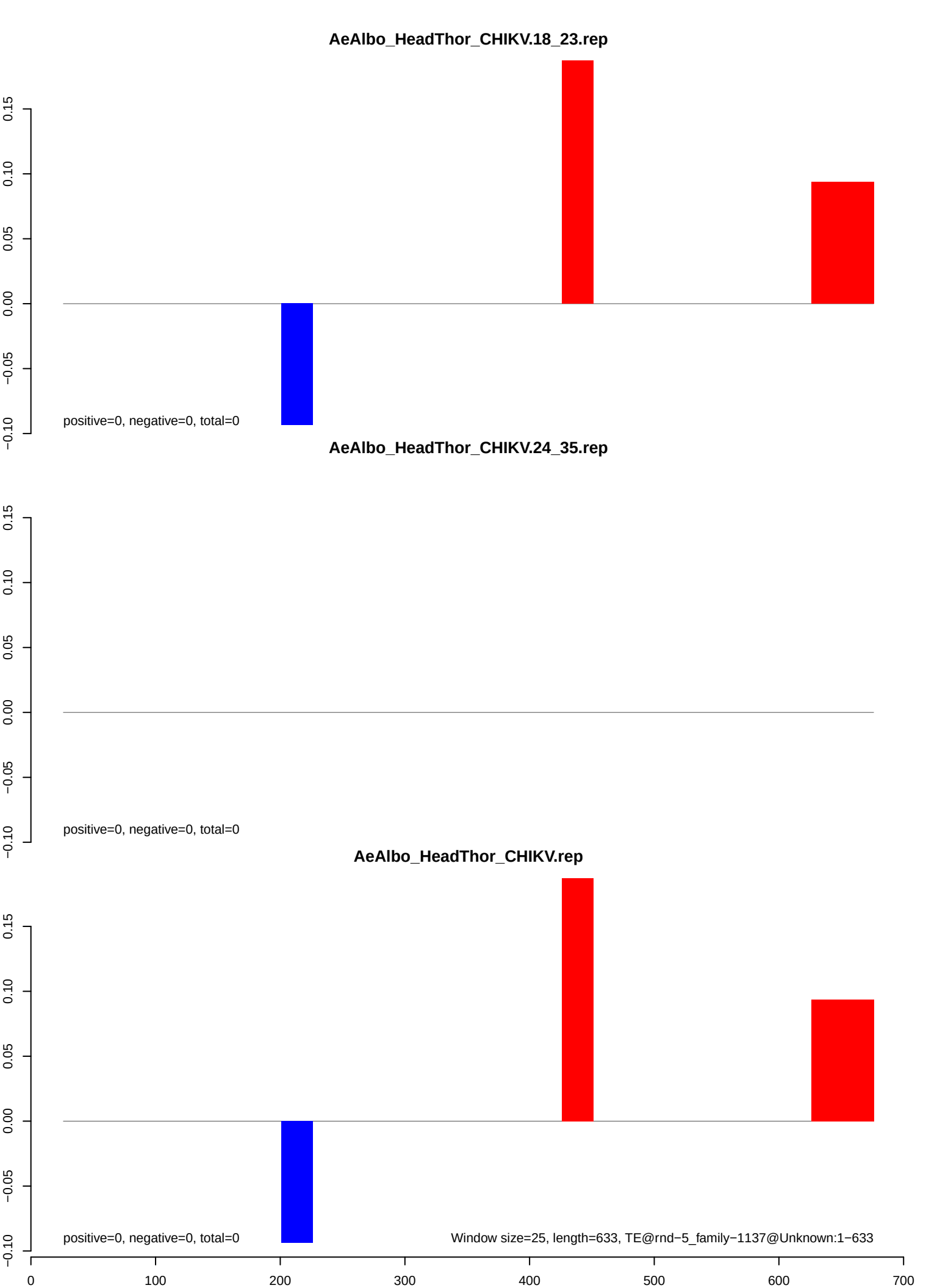
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

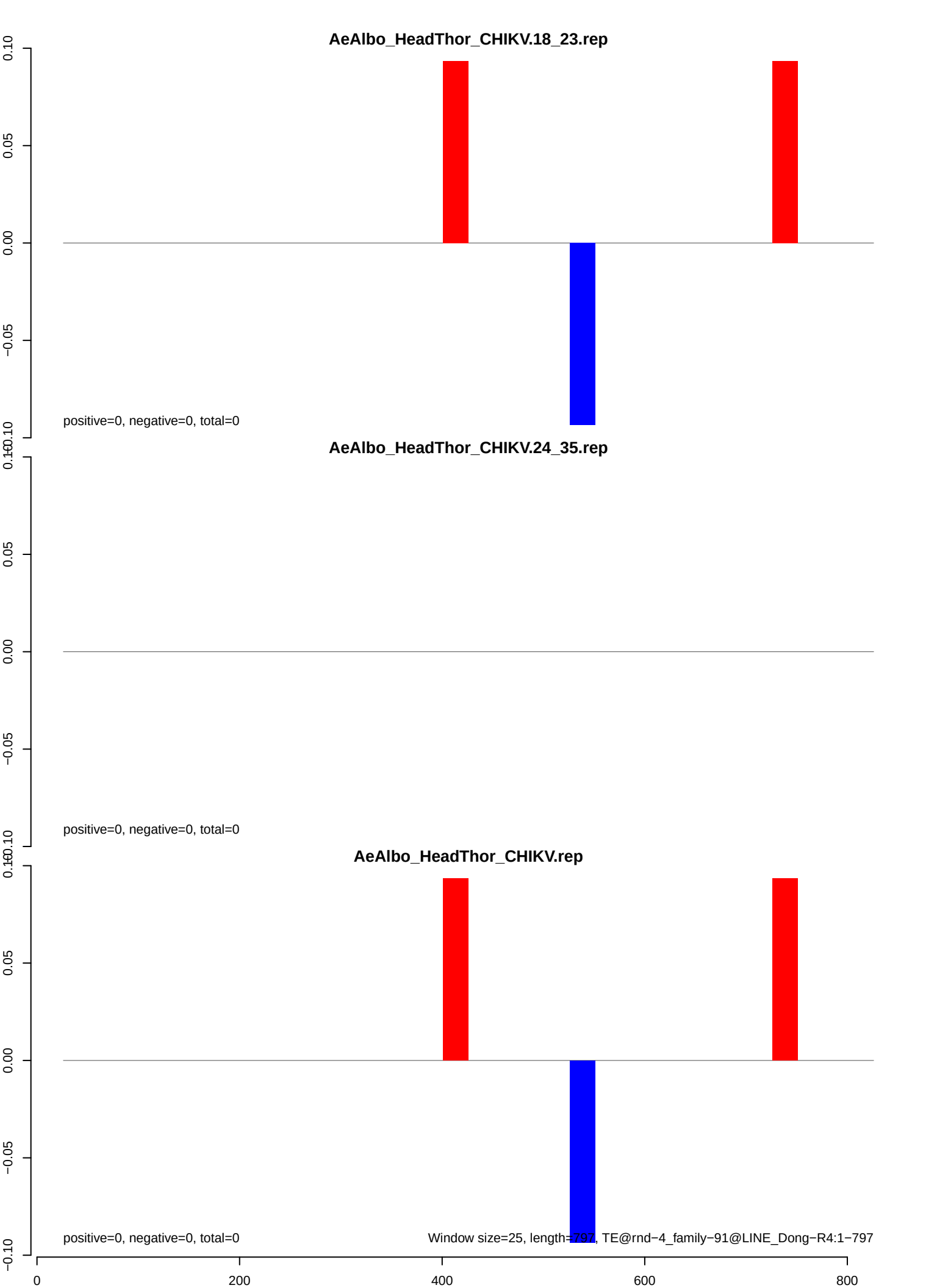

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1857, TE@rnd−5_family−1474@LINE_CR1:1−1857
0
500
1000
1500

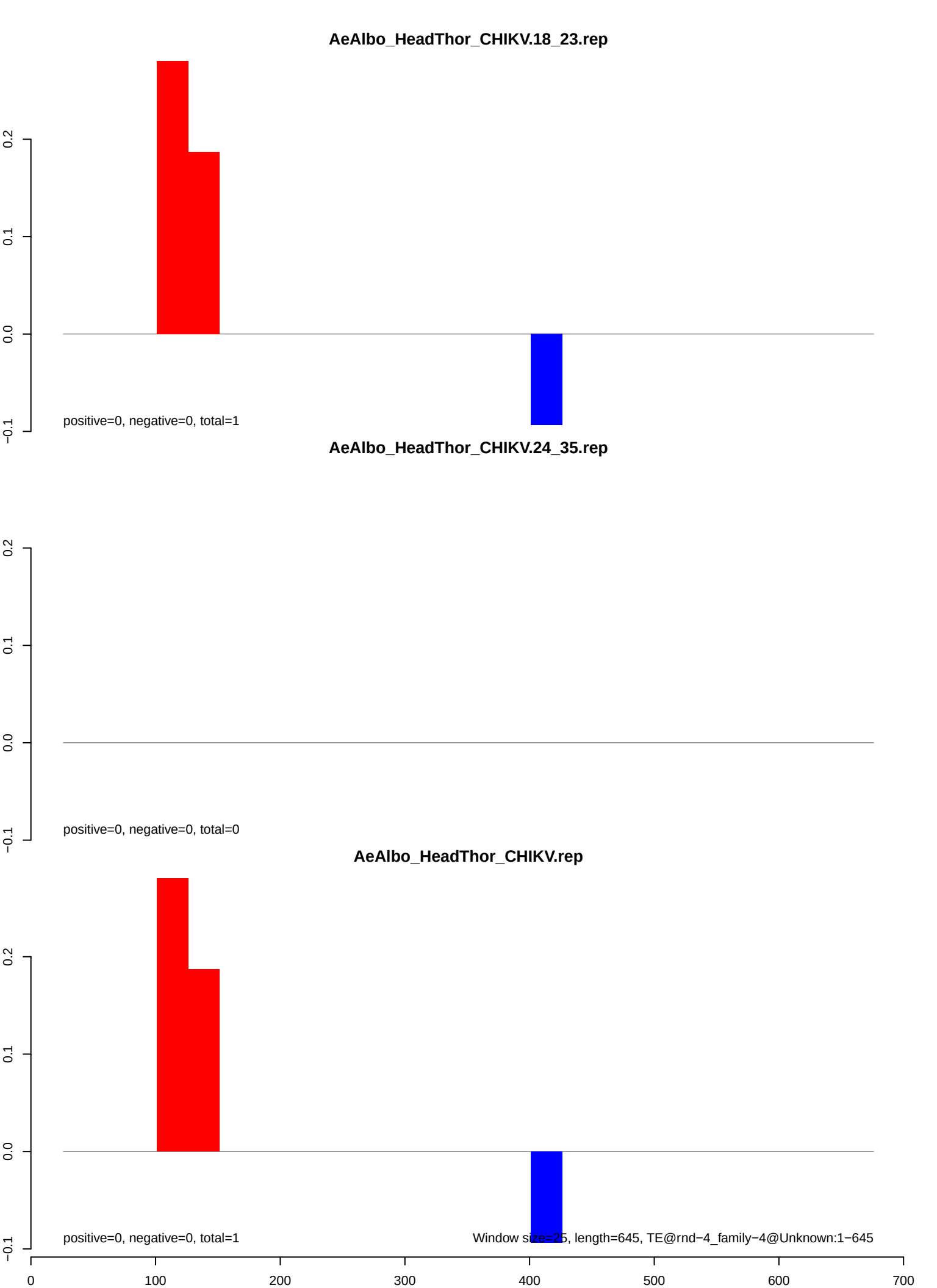

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

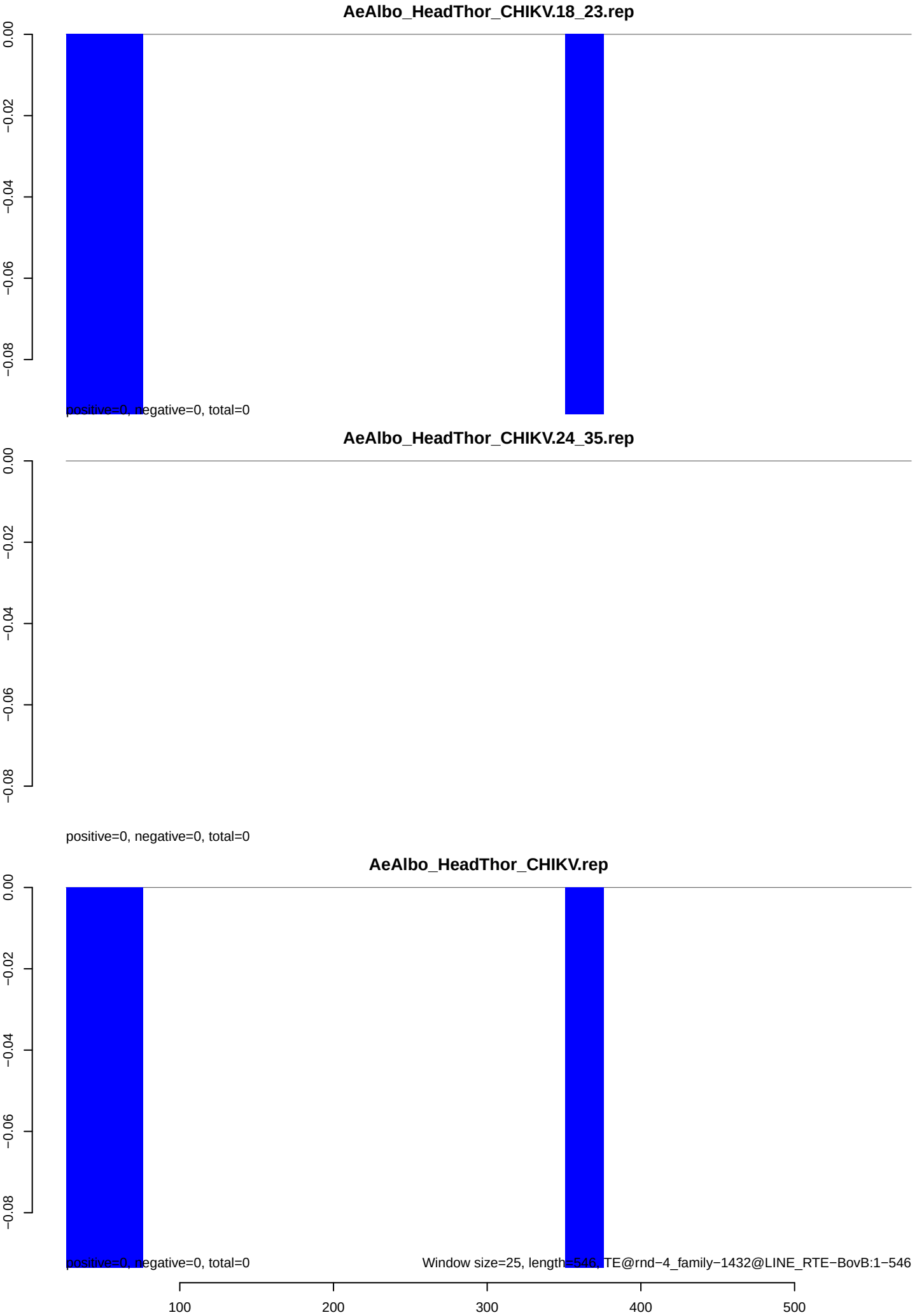
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

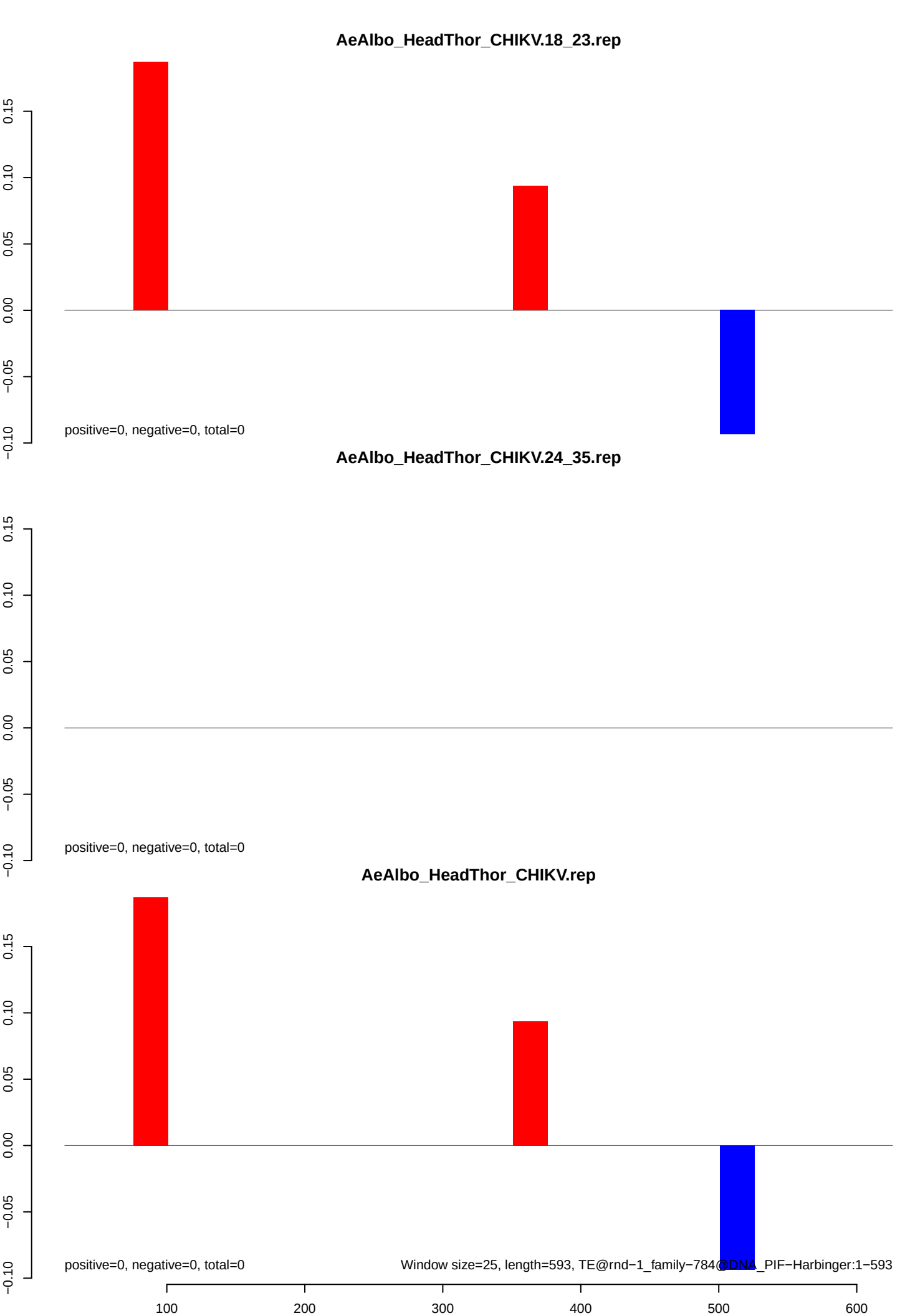

AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=527, TE@rnd−5_family−1169@DNA_Zator:1−527
100
200
300
400
500

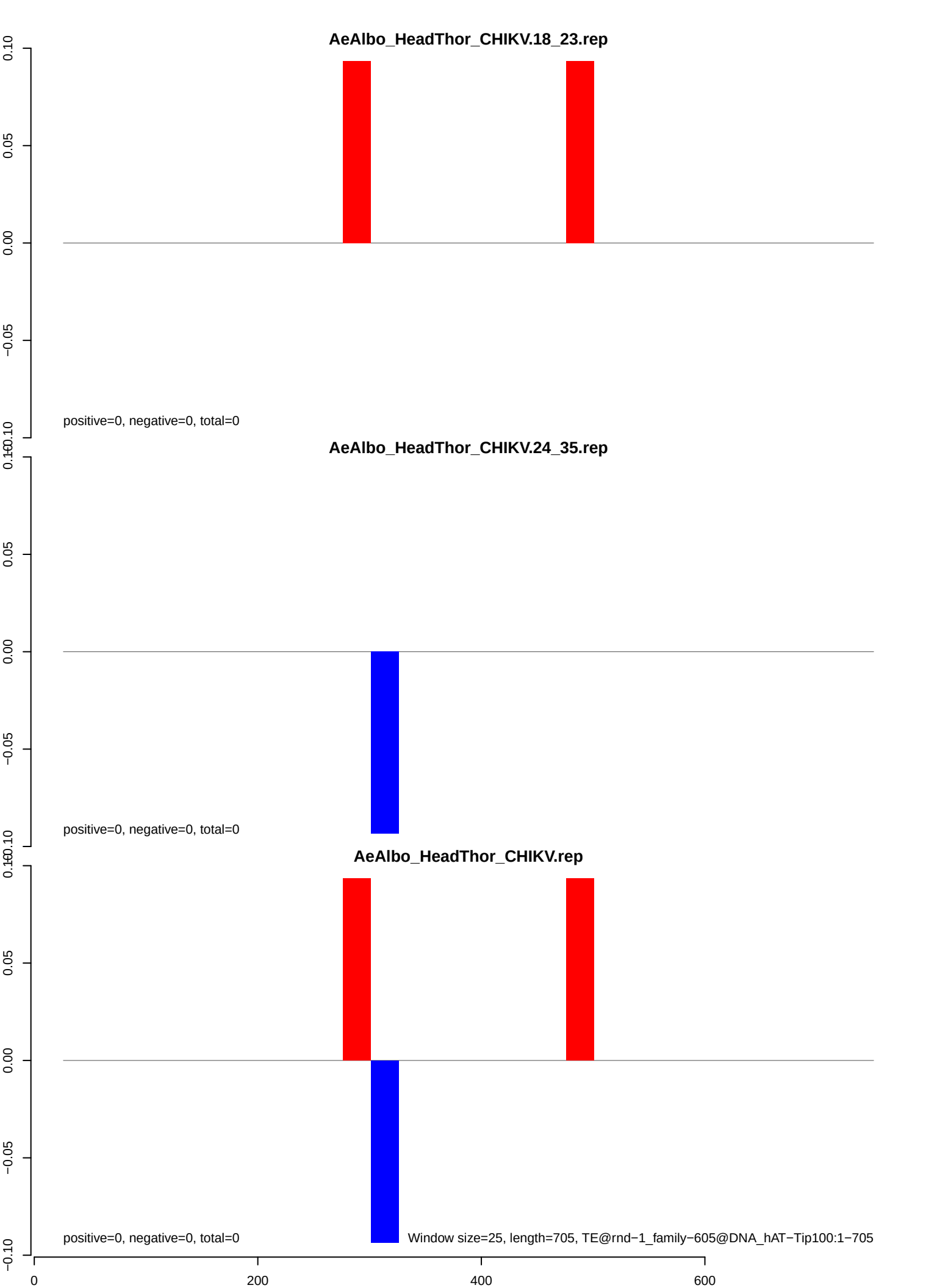

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=633, TE@rnd−5_family−1137@Unknown:1−633
0
100
200
300
400
500
600
700

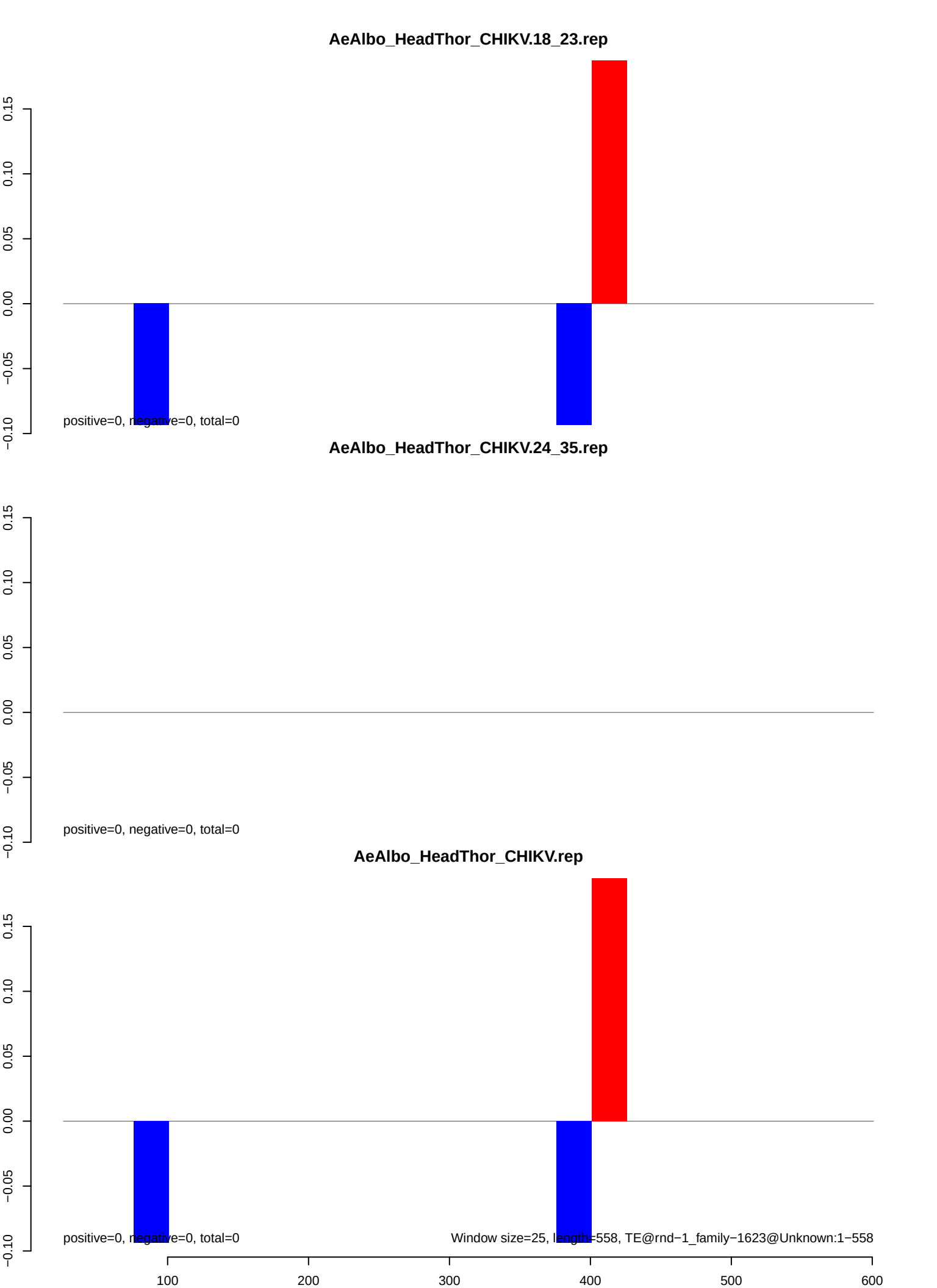

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=797, TE@rnd−4_family−91@LINE_Dong−R4:1−797
0
200
400
600
800

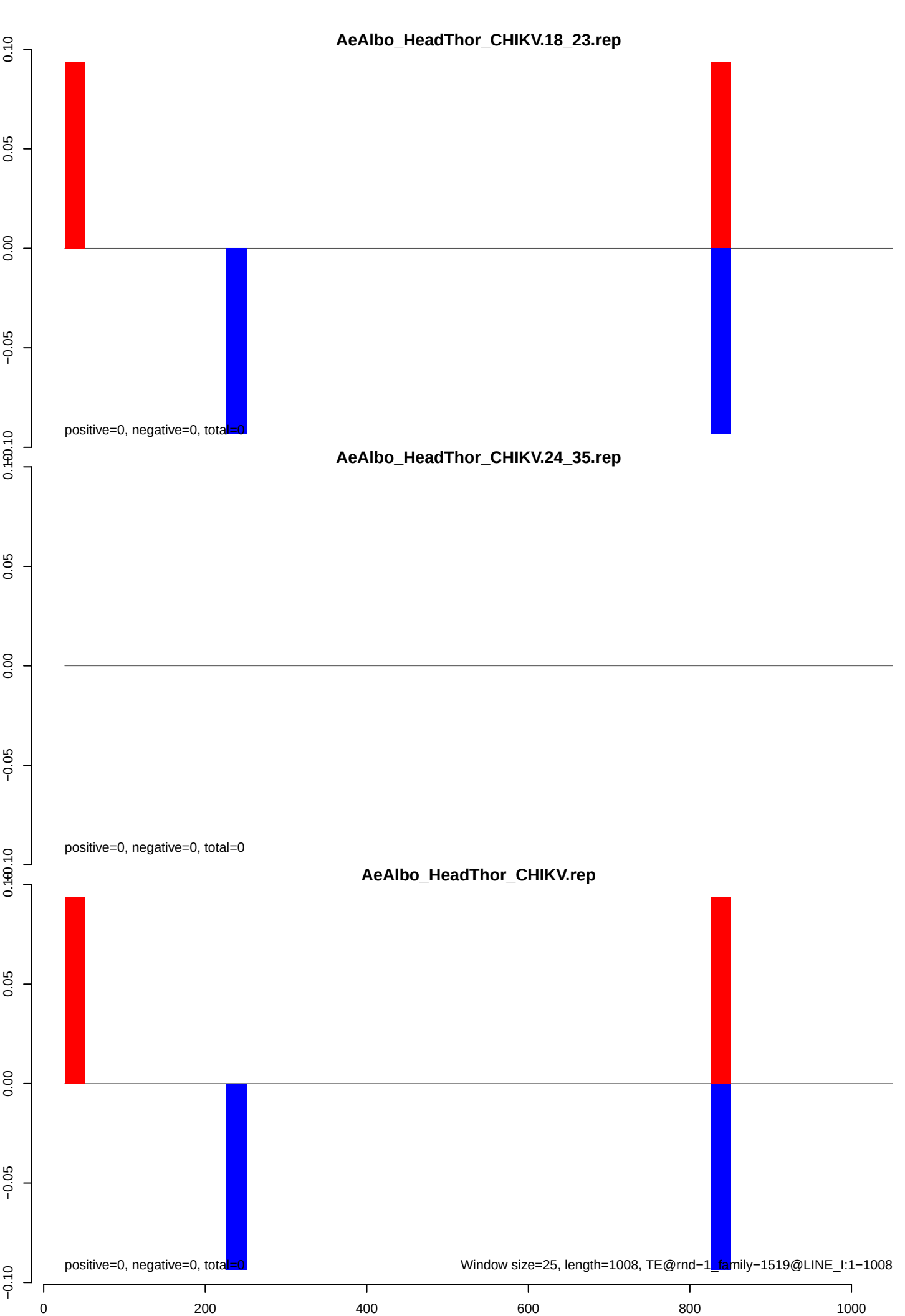

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=645, TE@rnd−4_family−4@Unknown:1−645
0
100
200
300
400
500
600
700

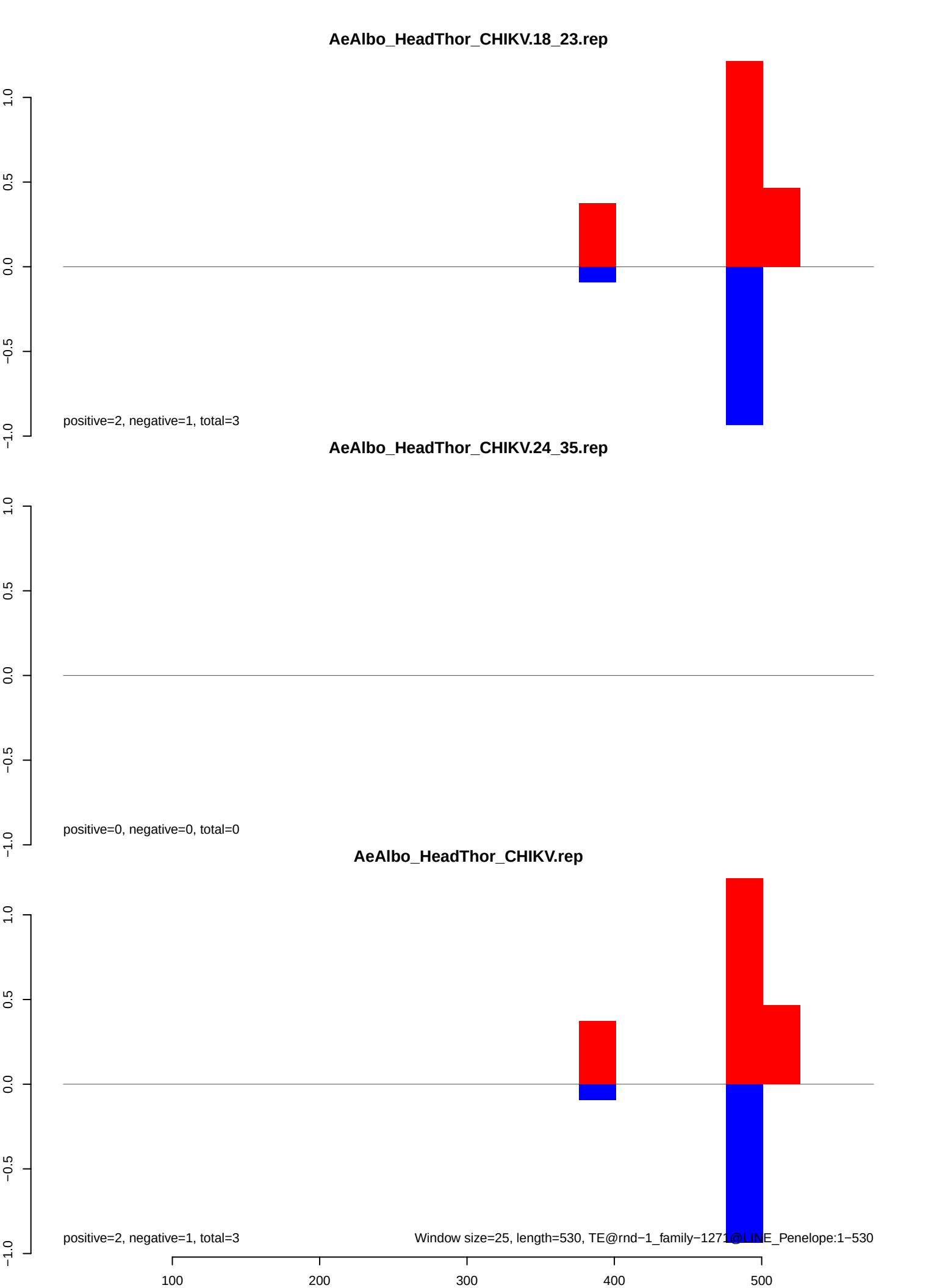

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=546, TE@rnd−4_family−1432@LINE_RTE−BovB:1−546
100
200
300
400
500

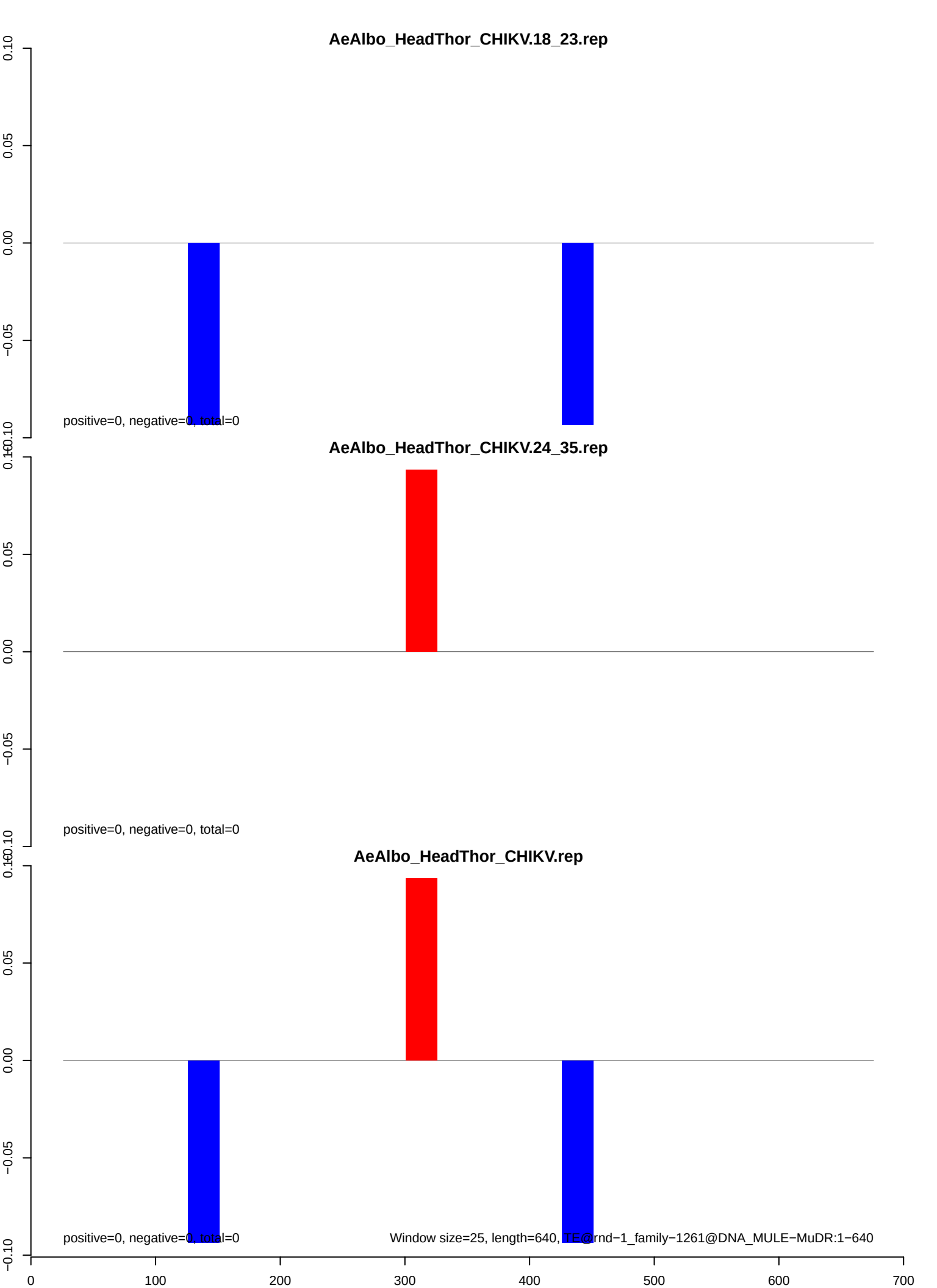

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=593, TE@rnd−1_family−784@DNA_PIF−Harbinger:1−593
100
200
300
400
500
600

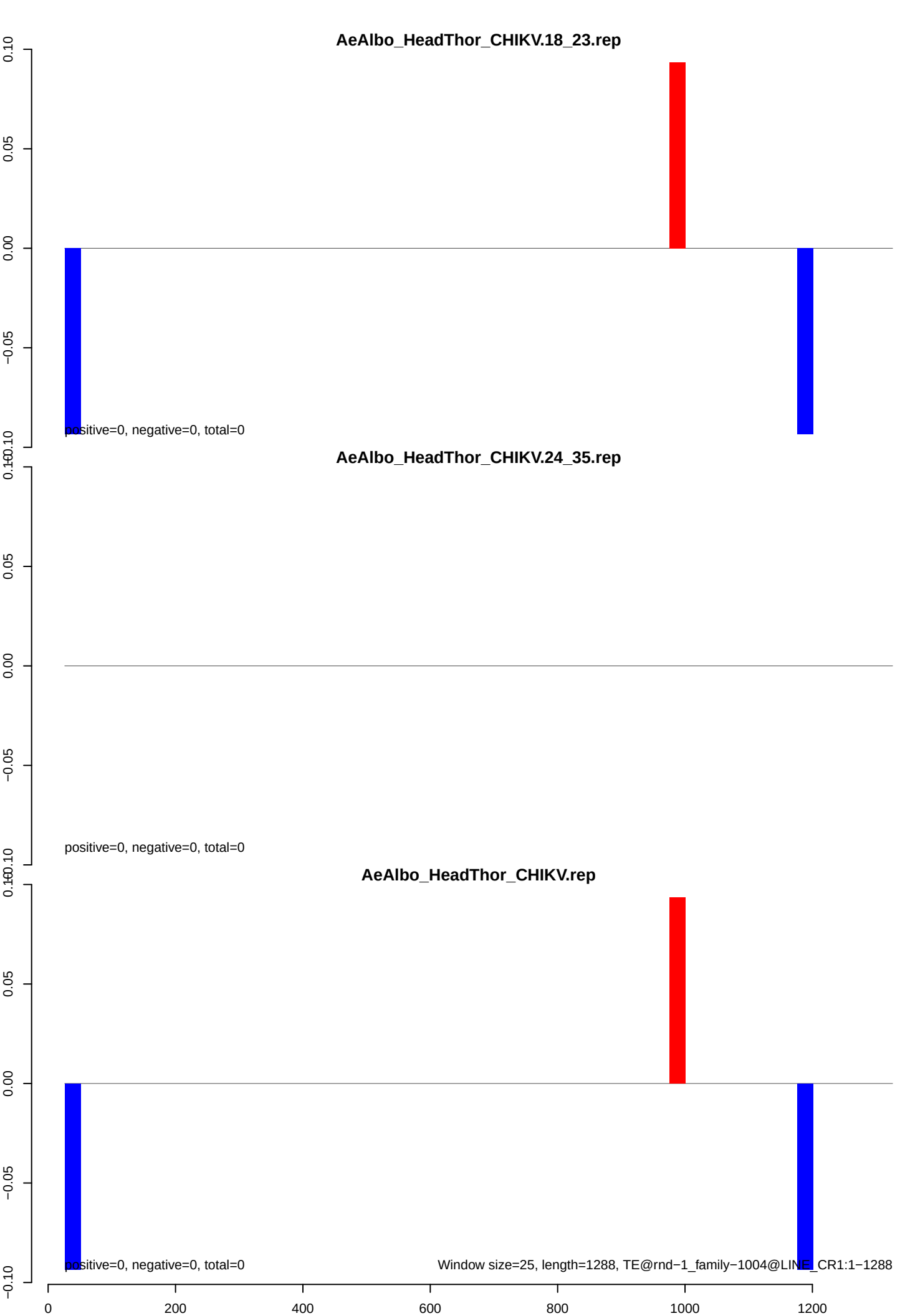

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=705, TE@rnd−1_family−605@DNA_hAT−Tip100:1−705
0
200
400
600

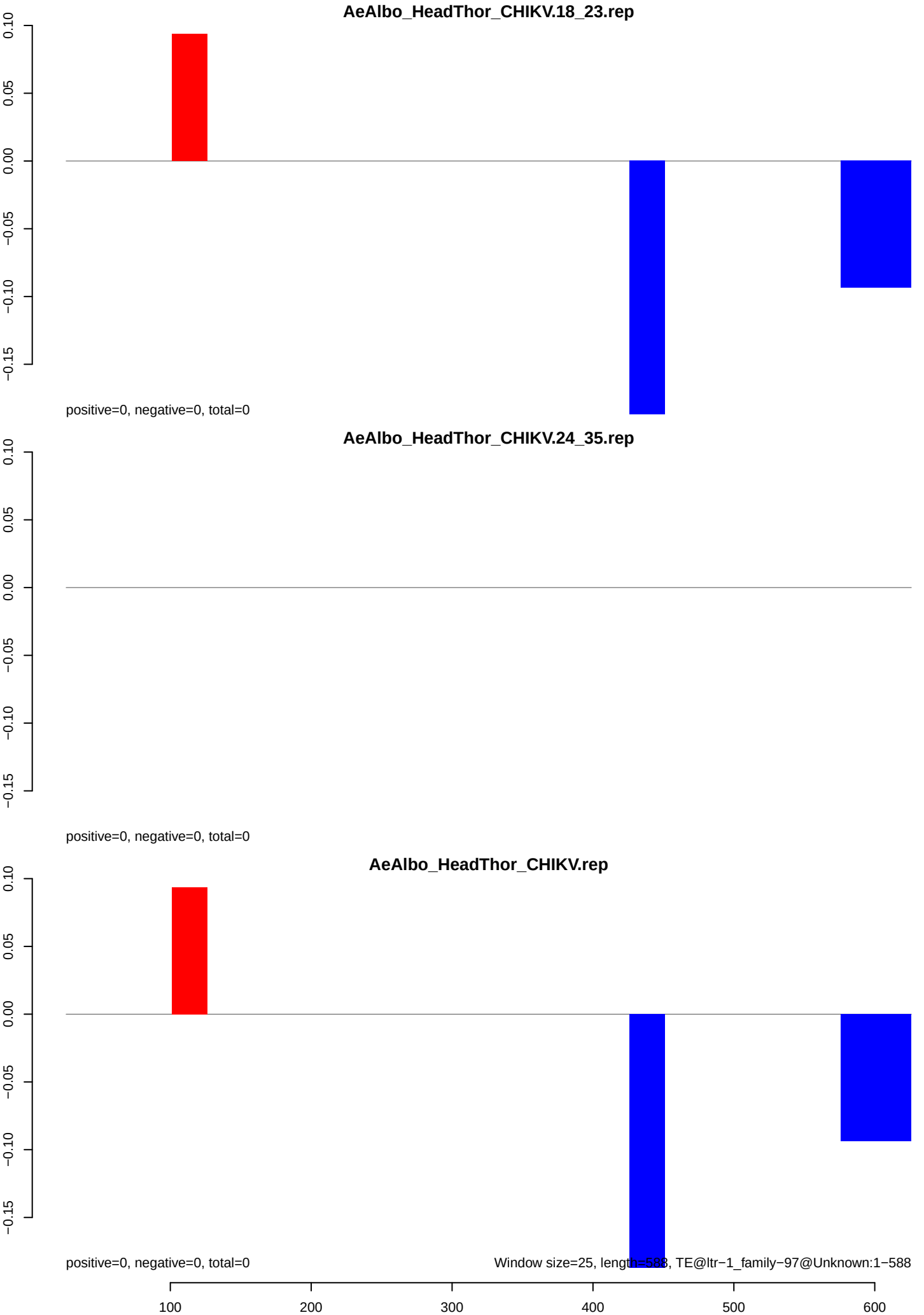

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=558, TE@rnd−1_family−1623@Unknown:1−558
100
200
300
400
500
600

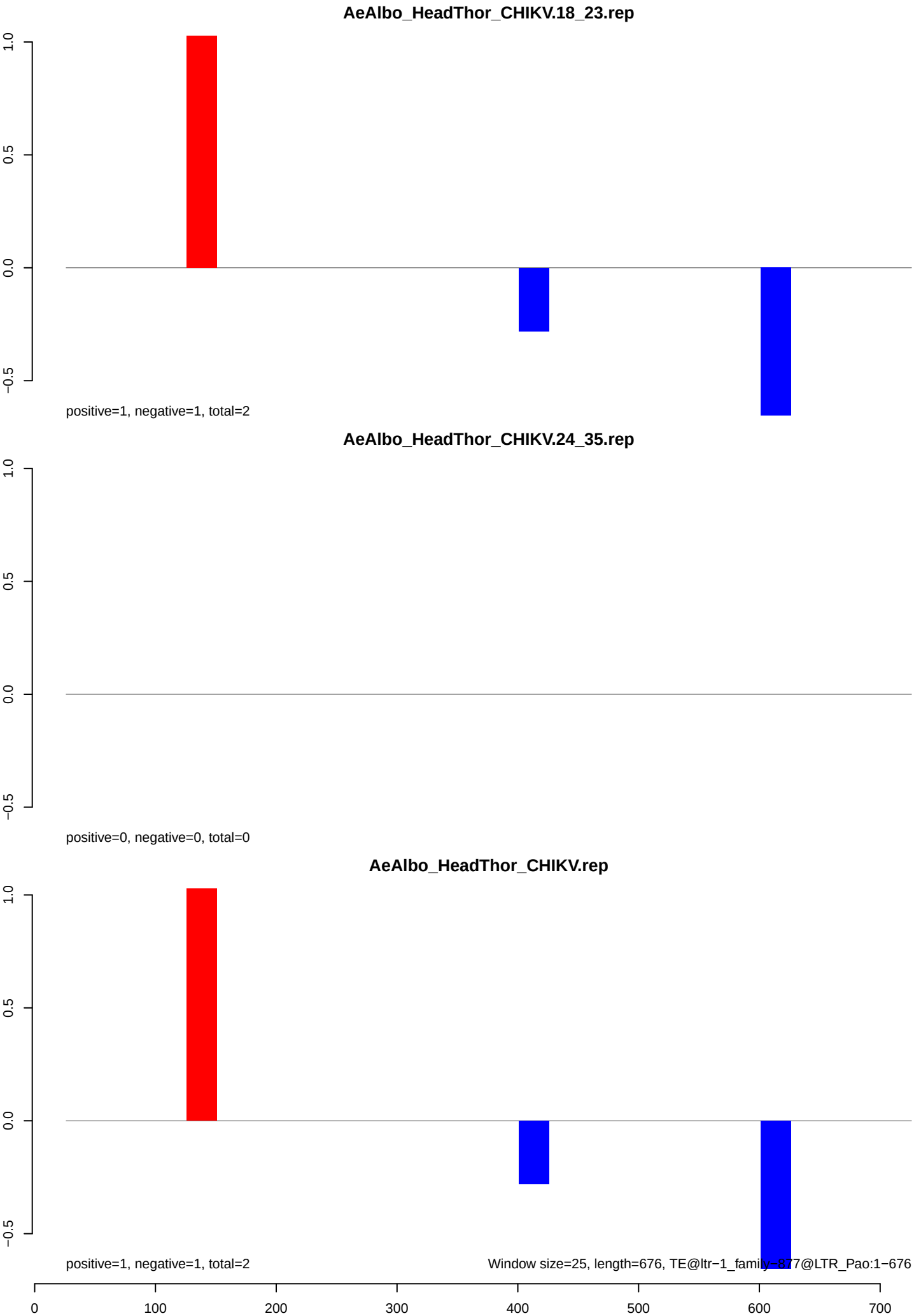

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1008, TE@rnd−1_family−1519@LINE_I:1−1008
0
200
400
600
800
1000

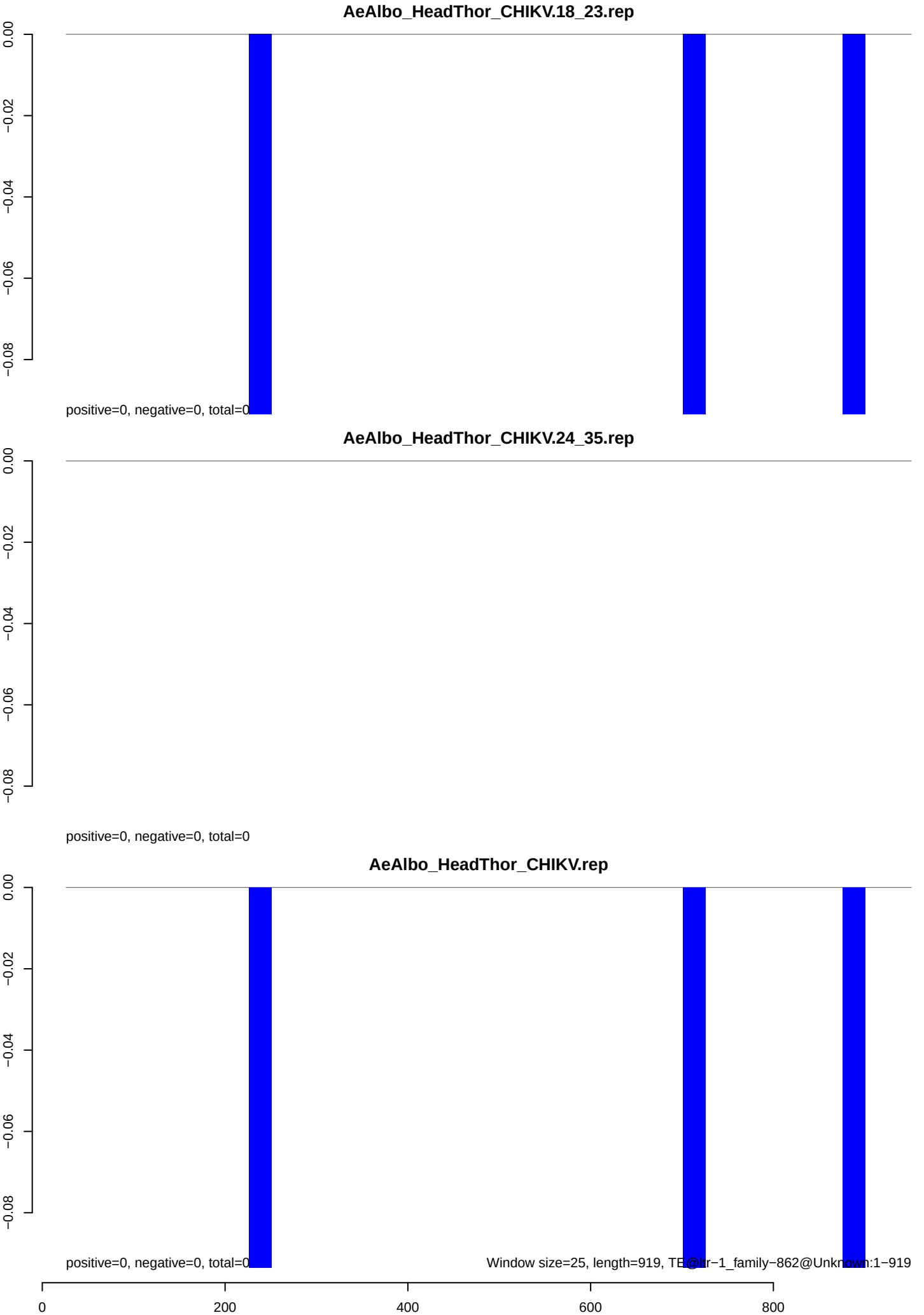

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=1, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=1, total=3
Window size=25, length=530, TE@rnd−1_family−1271@LINE_Penelope:1−530
100
200
300
400
500

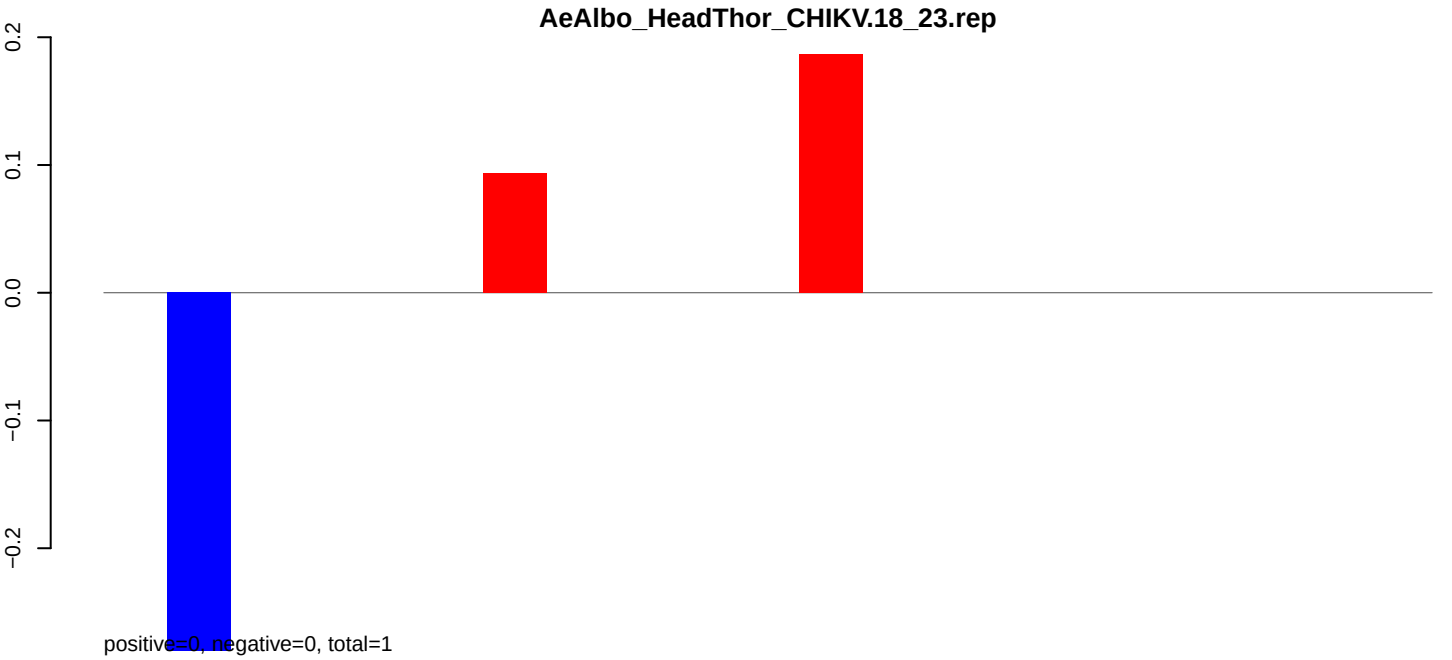

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=640, TE@rnd−1_family−1261@DNA_MULE−MuDR:1−640
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1288, TE@rnd−1_family−1004@LINE_CR1:1−1288
0
200
400
600
800
1000
1200

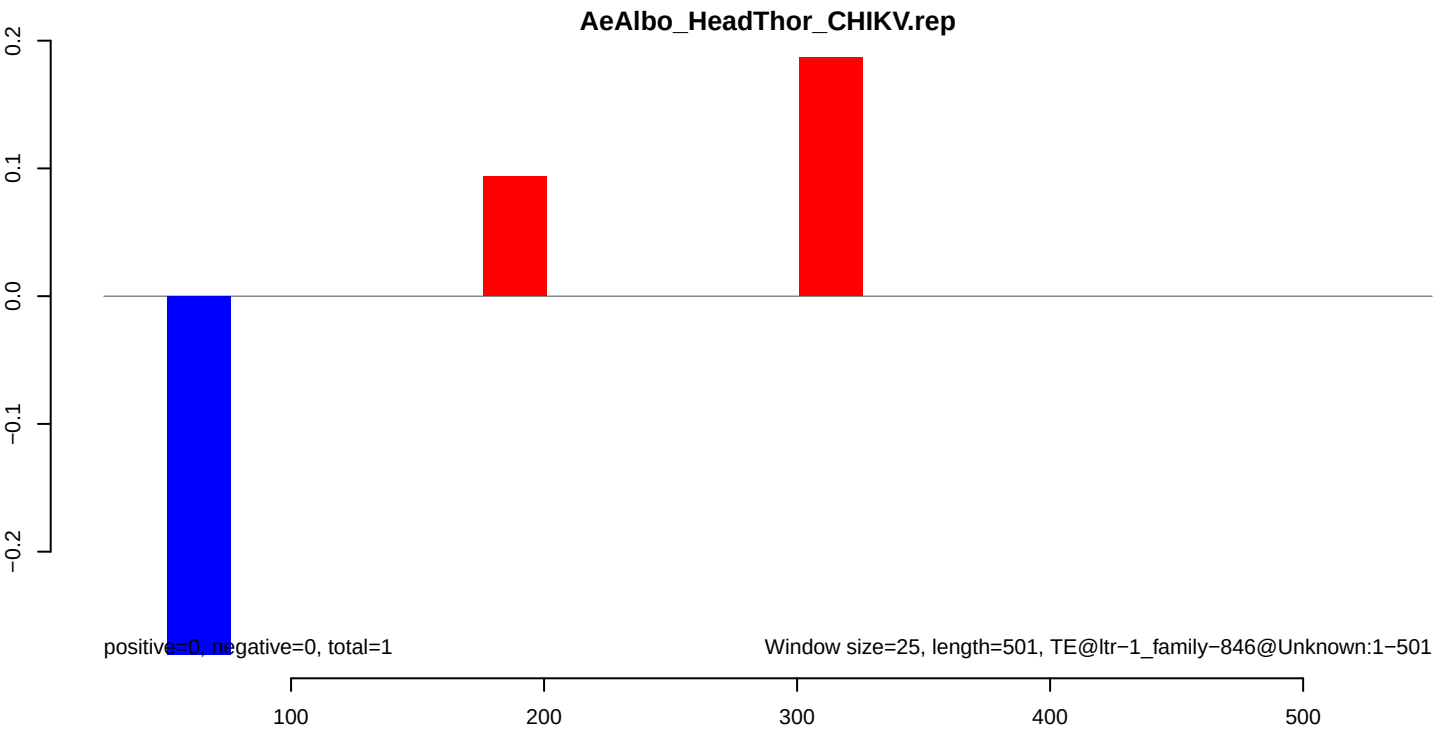

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=588, TE@ltr−1_family−97@Unknown:1−588
100
200
300
400
500
600

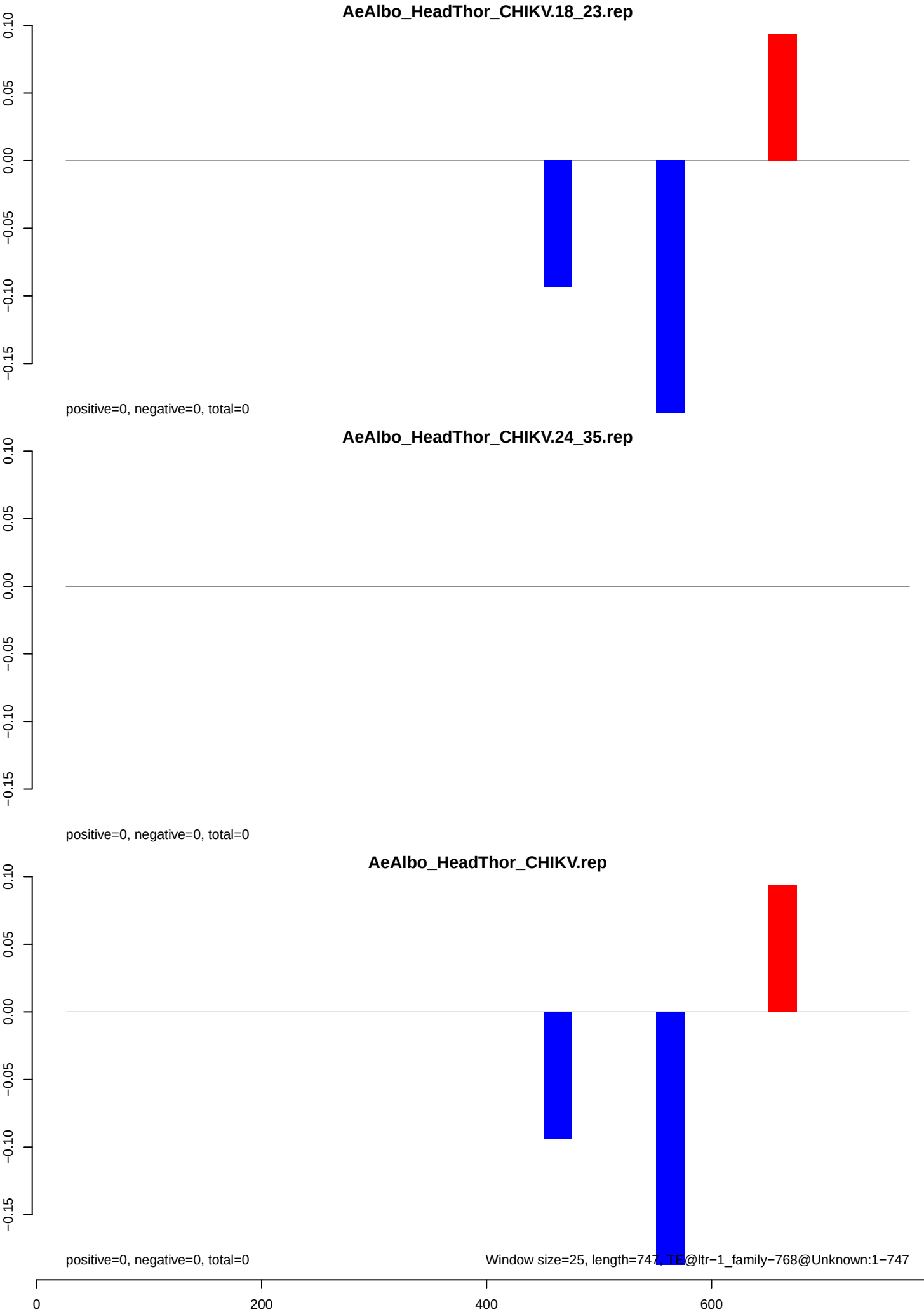

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
positive=1, negative=1, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
positive=1, negative=1, total=2
Window size=25, length=676, TE@ltr−1_family−877@LTR_Pao:1−676
0
100
200
300
400
500
600
700

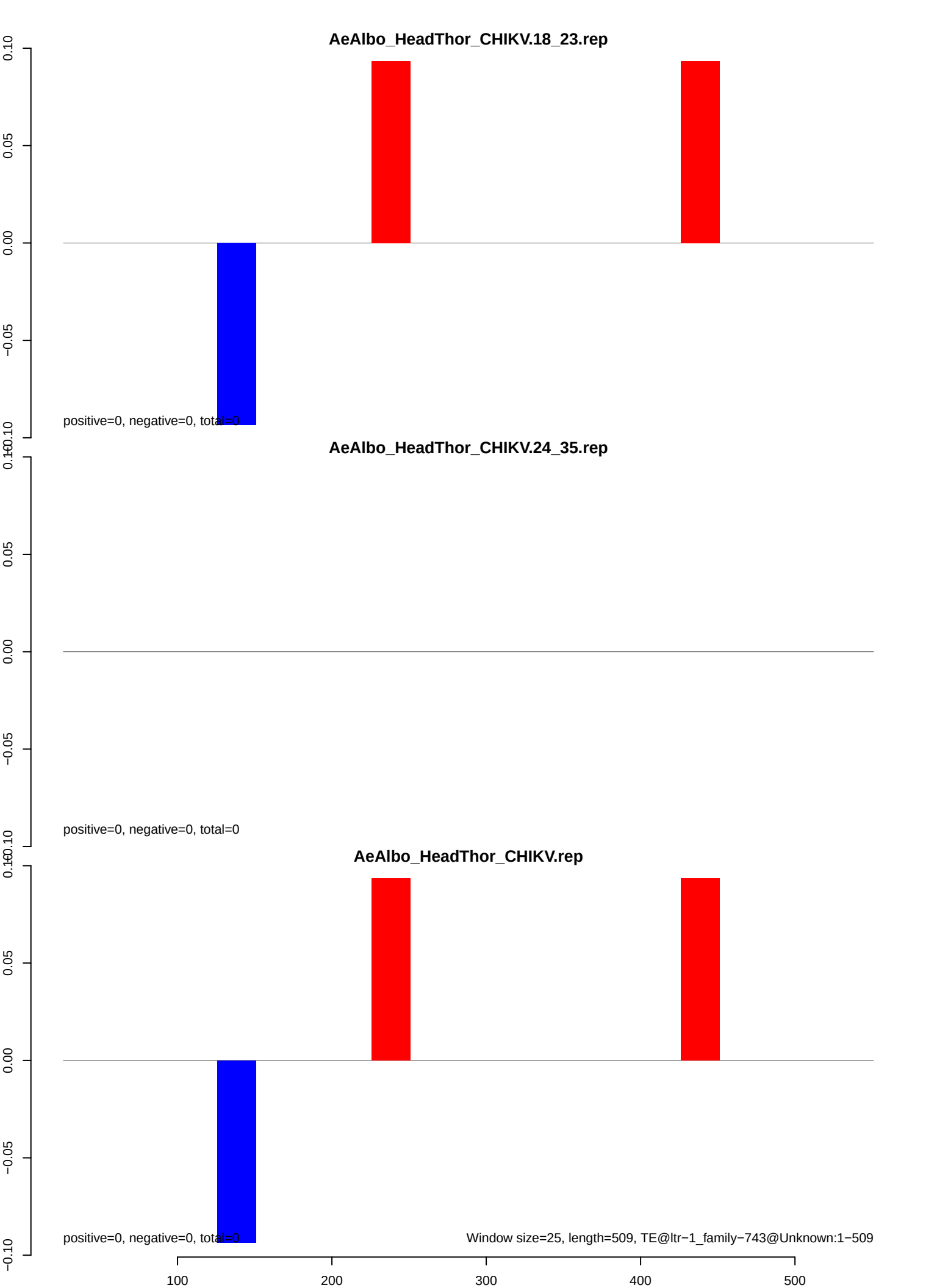

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=919, TE@ltr−1_family−862@Unknown:1−919
0
200
400
600
800

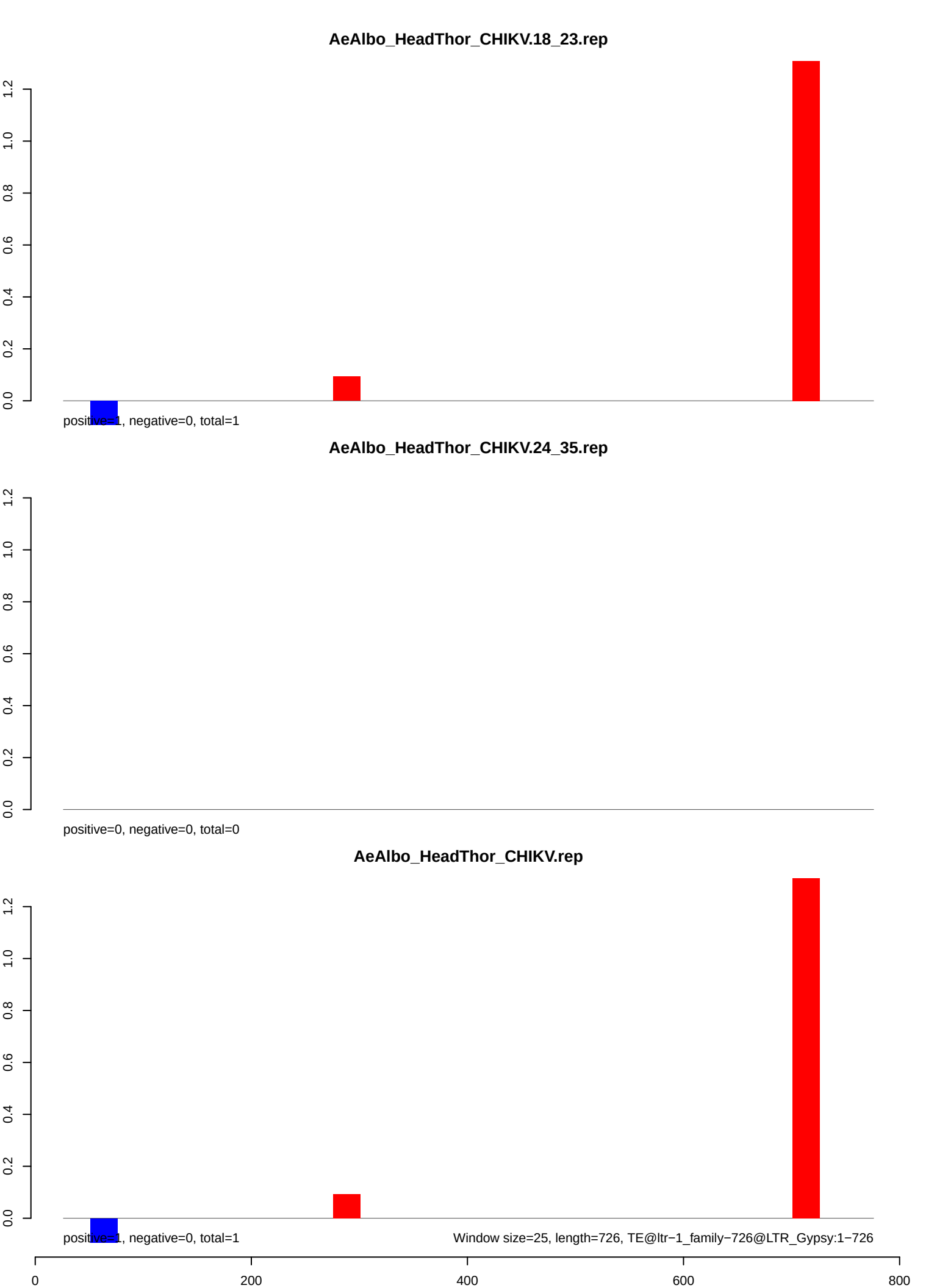

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1

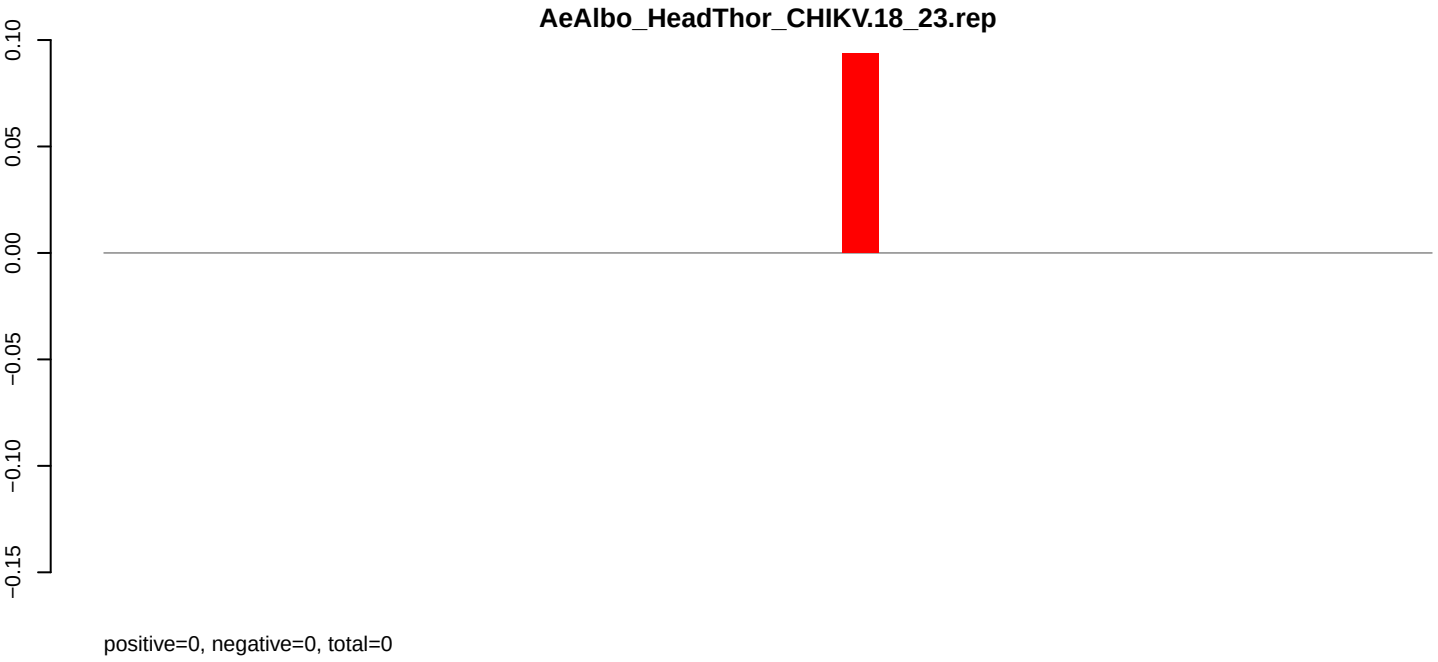
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

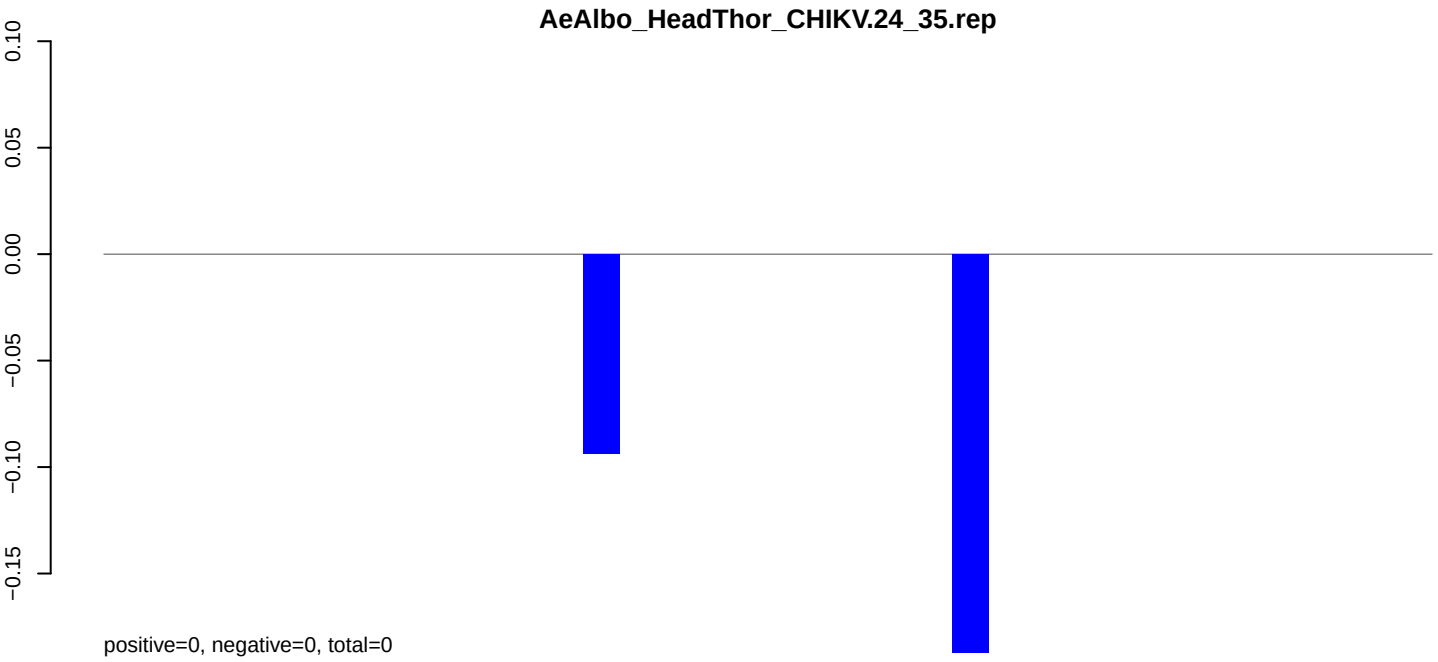

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=501, TE@ltr−1_family−846@Unknown:1−501
100
200
300
400
500

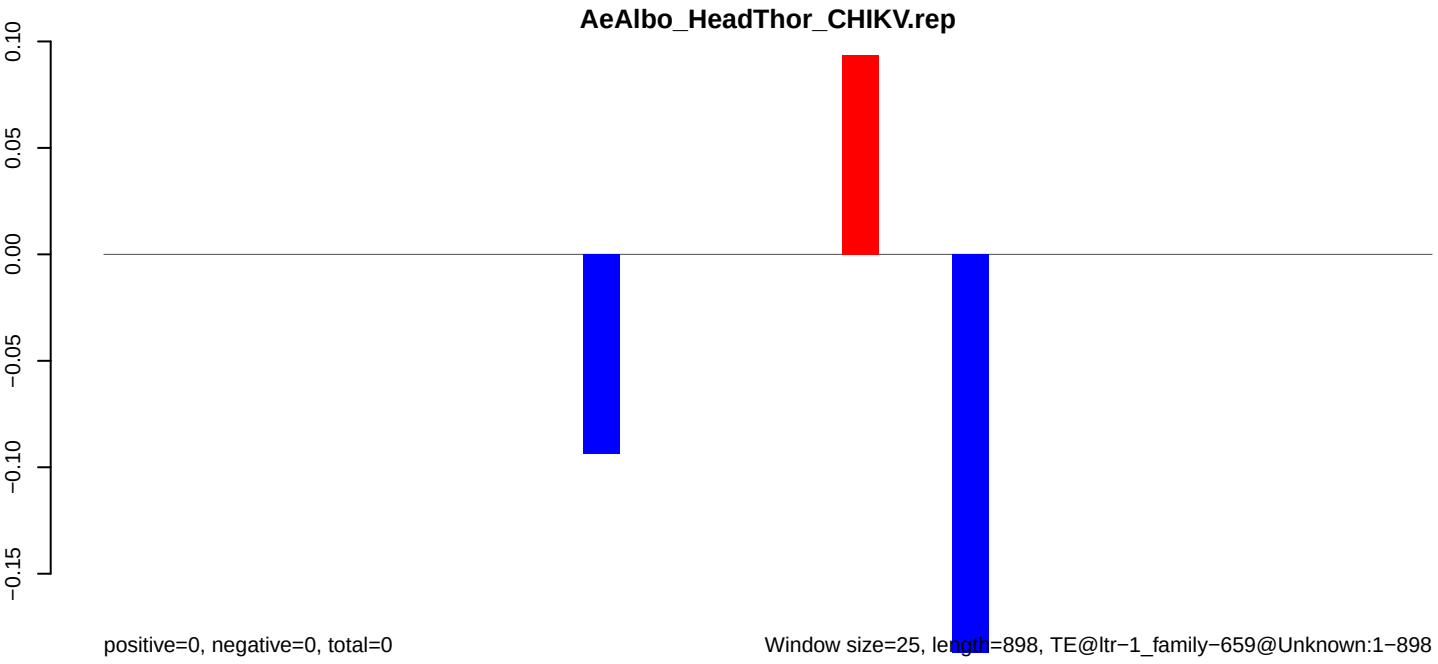

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=747, TE@ltr−1_family−768@Unknown:1−747
0
200
400
600
800

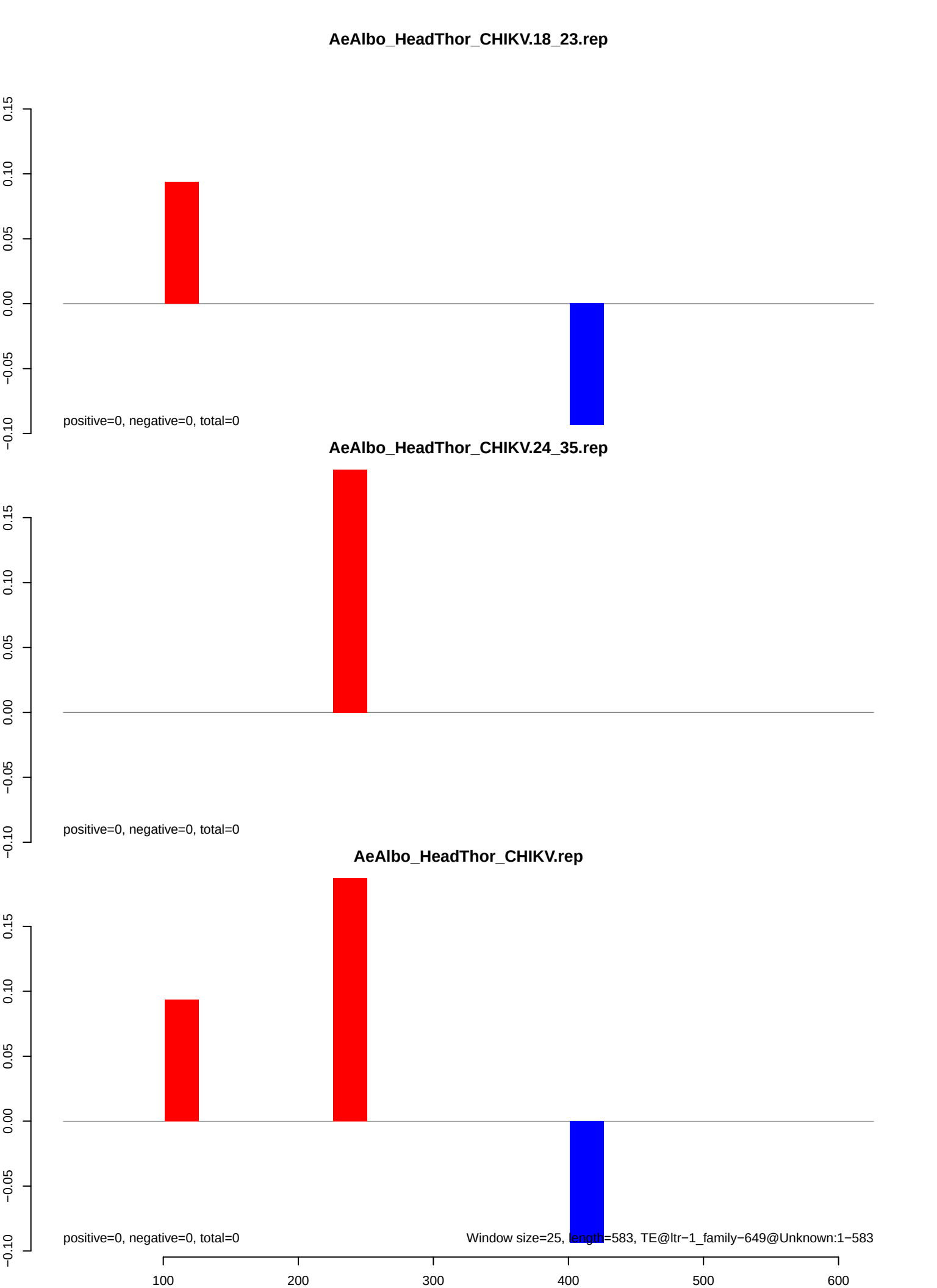

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=509, TE@ltr−1_family−743@Unknown:1−509
100
200
300
400
500

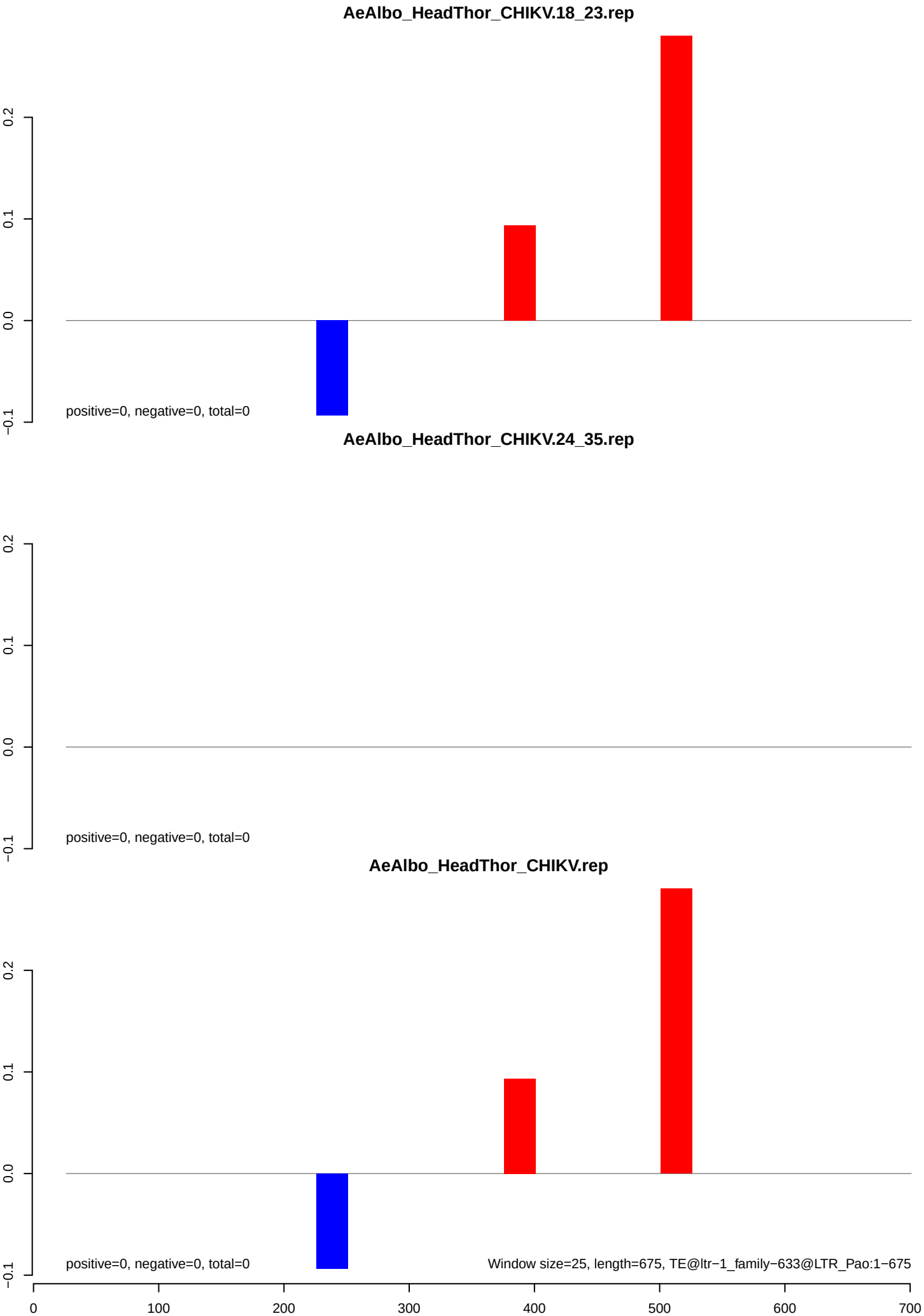

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=1, negative=0, total=1
Window size=25, length=726, TE@ltr−1_family−726@LTR_Gypsy:1−726
0
200
400
600
800

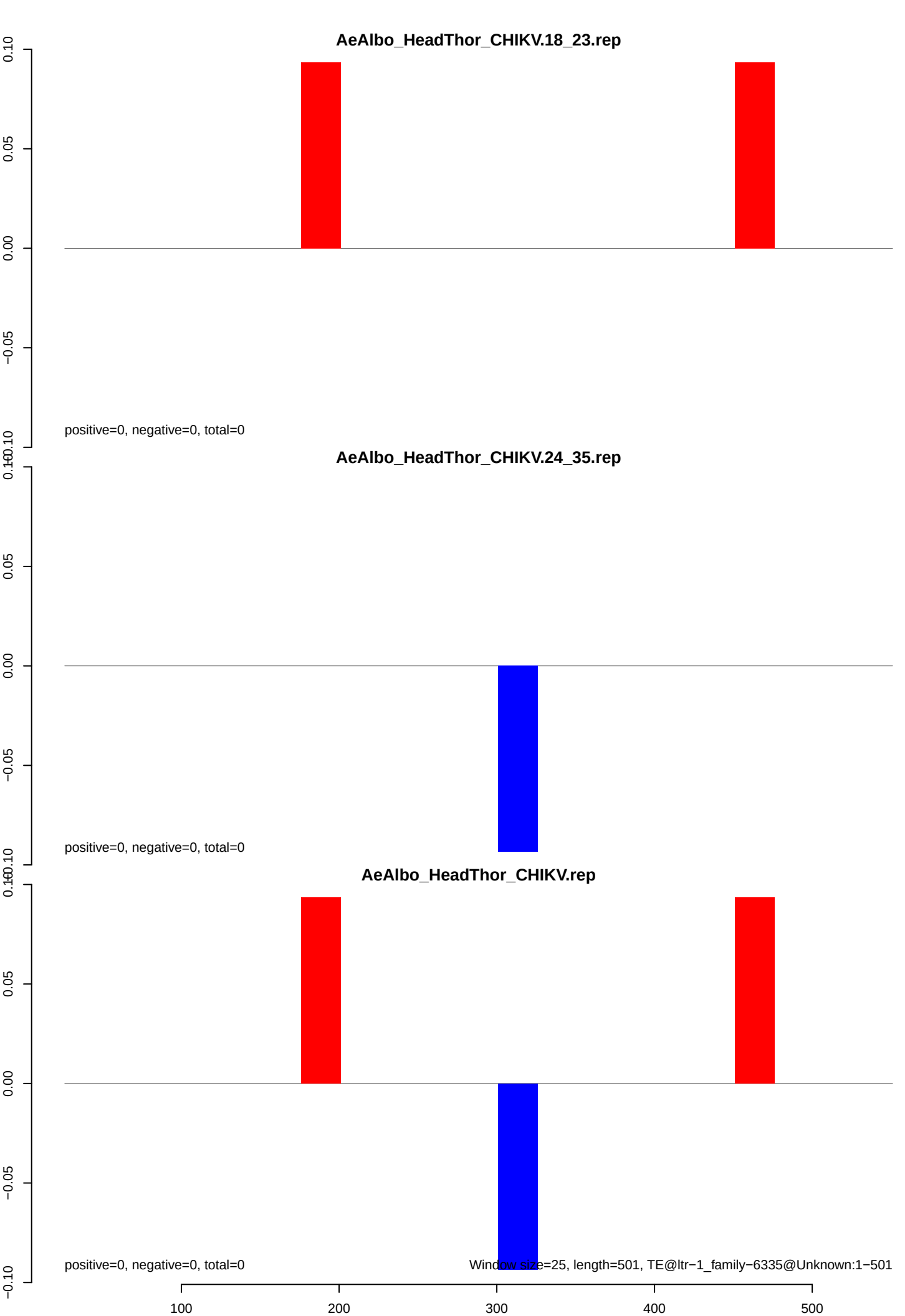

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

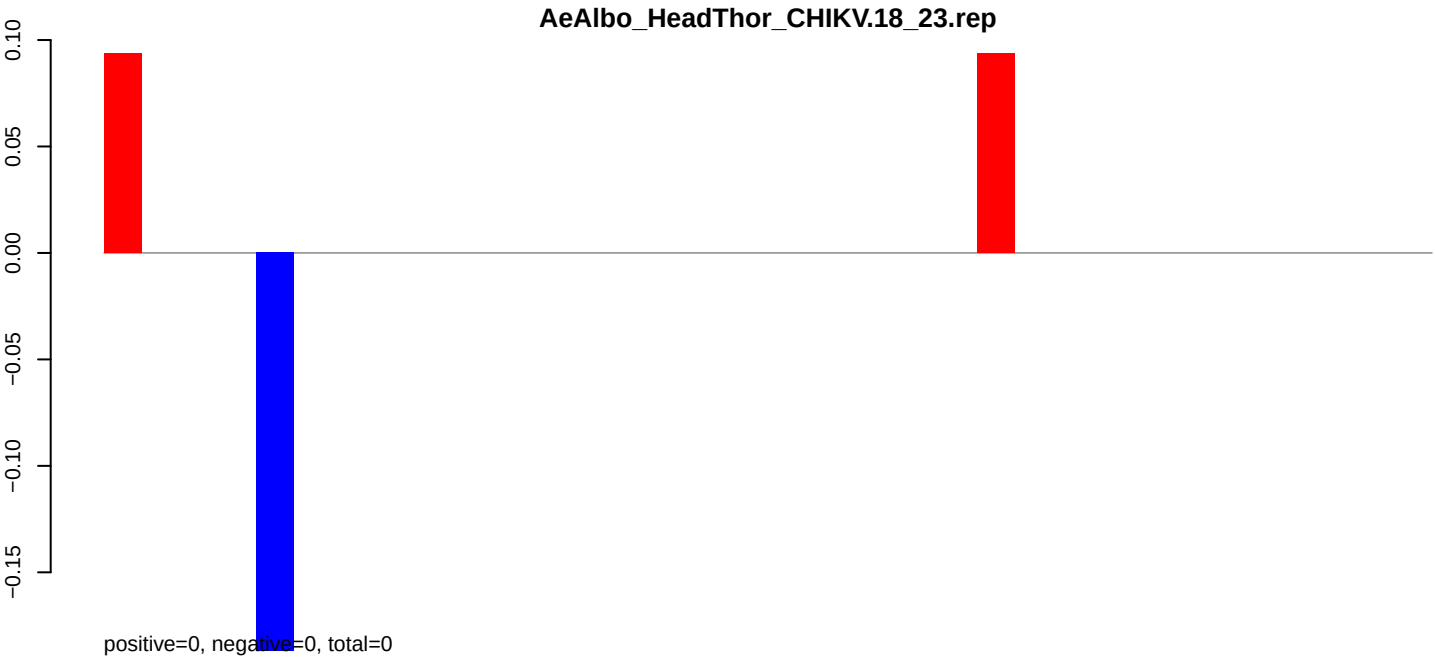

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

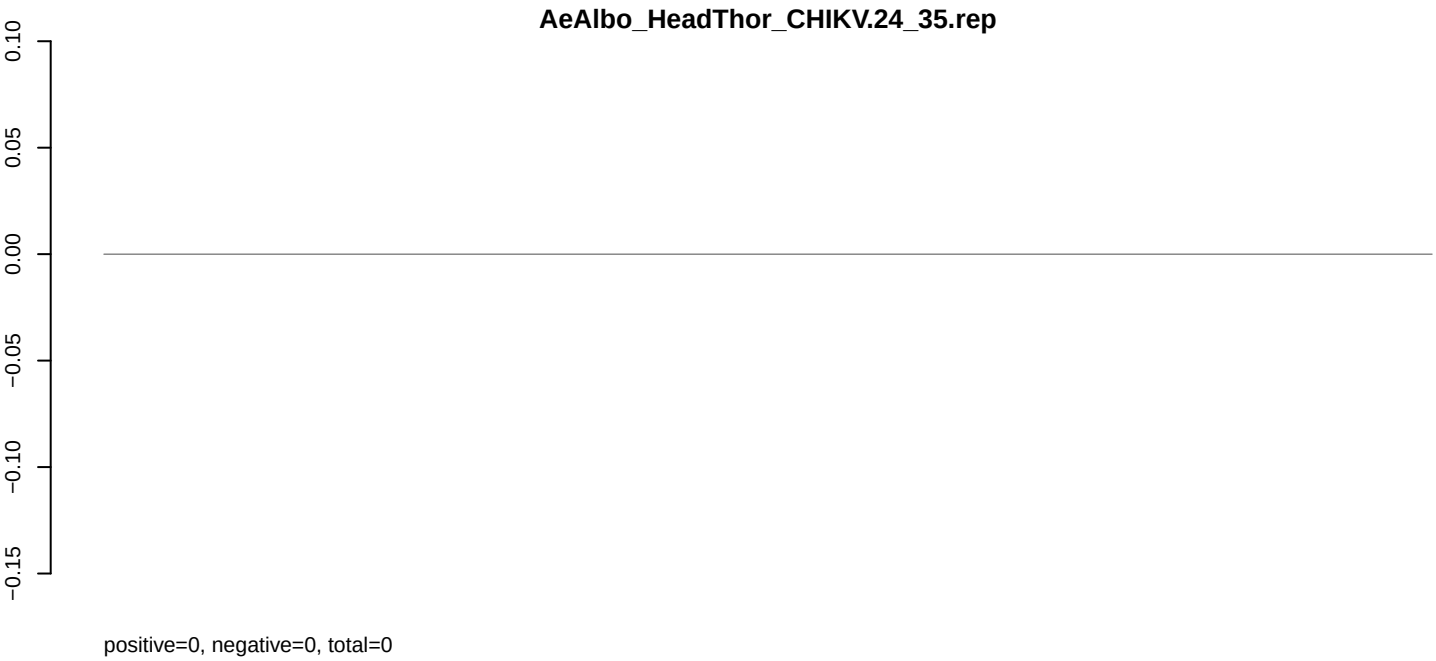

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=898, TE@ltr−1_family−659@Unknown:1−898
0
200
400
600
800

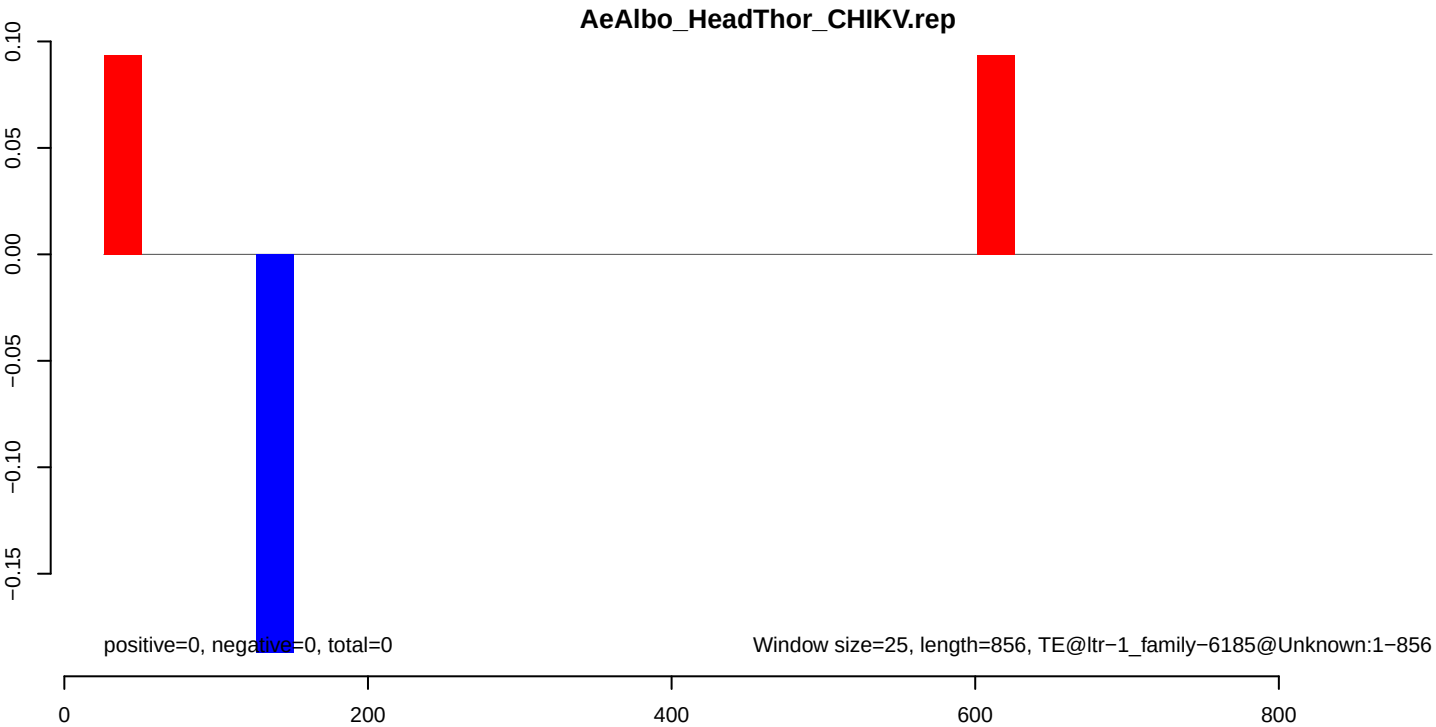

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=583, TE@ltr−1_family−649@Unknown:1−583
100
200
300
400
500
600

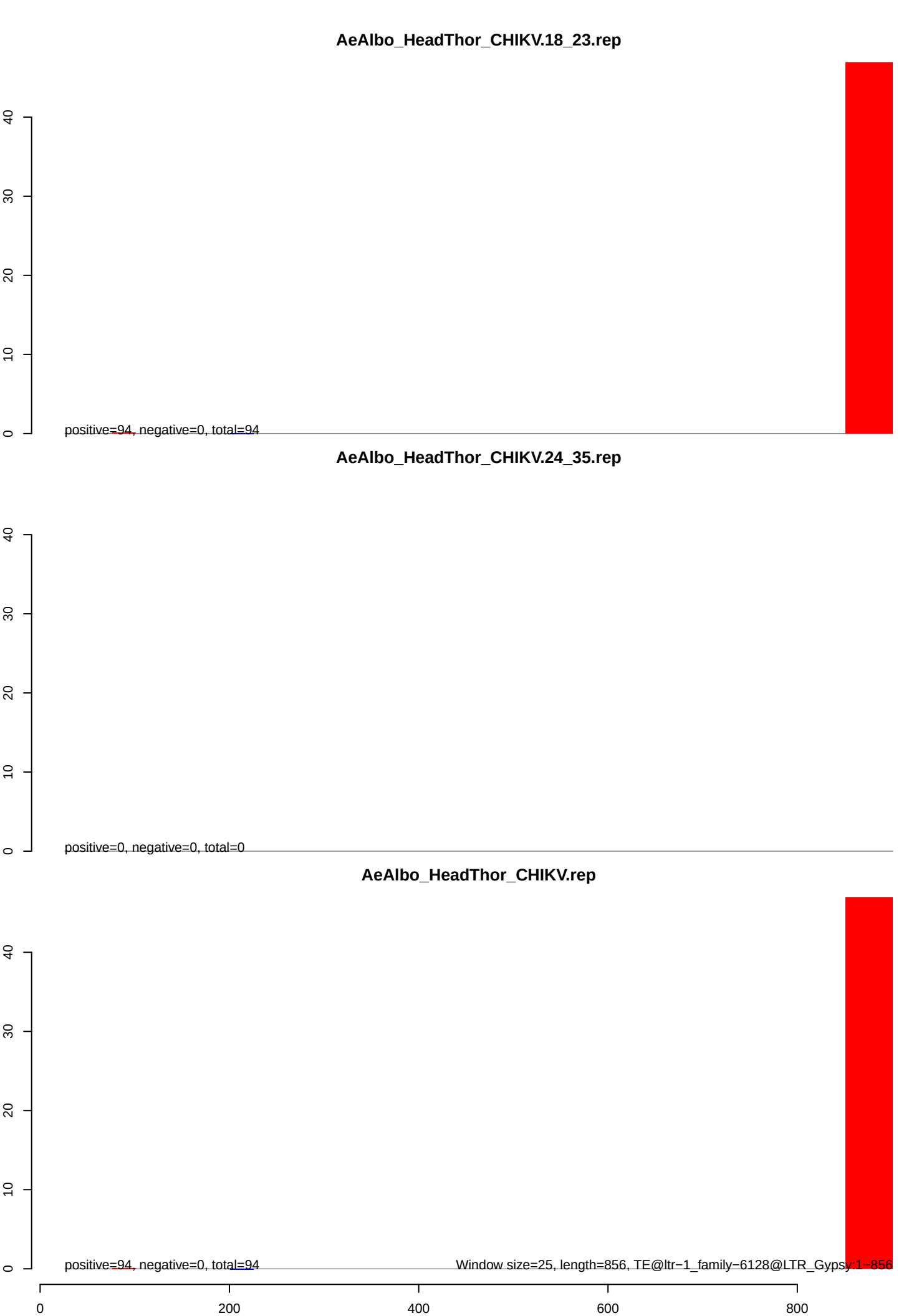

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
Window size=25, length=675, TE@ltr−1_family−633@LTR_Pao:1−675
0
100
200
300
400
500
600
700

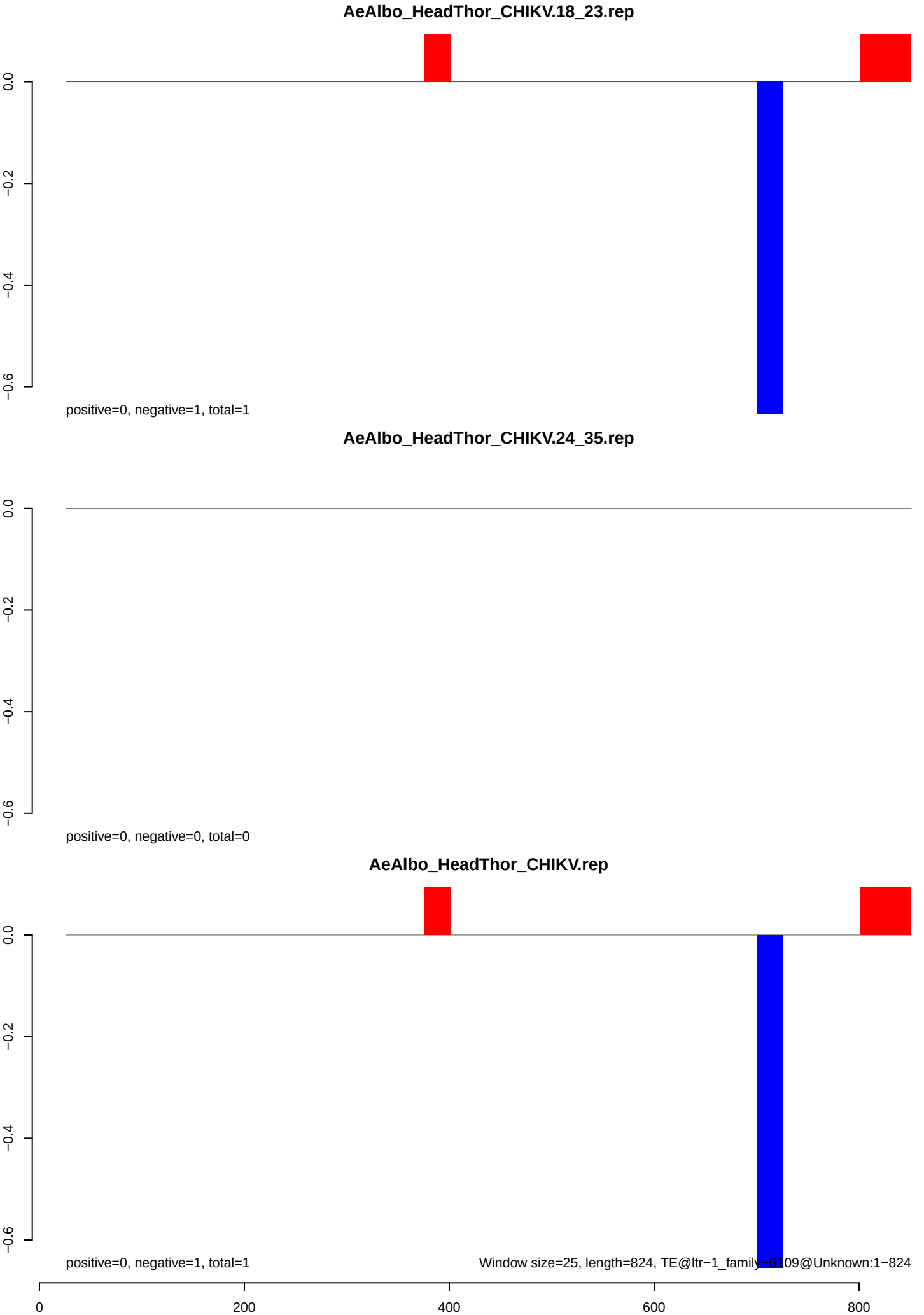

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=501, TE@ltr−1_family−6335@Unknown:1−501
100
200
300
400
500

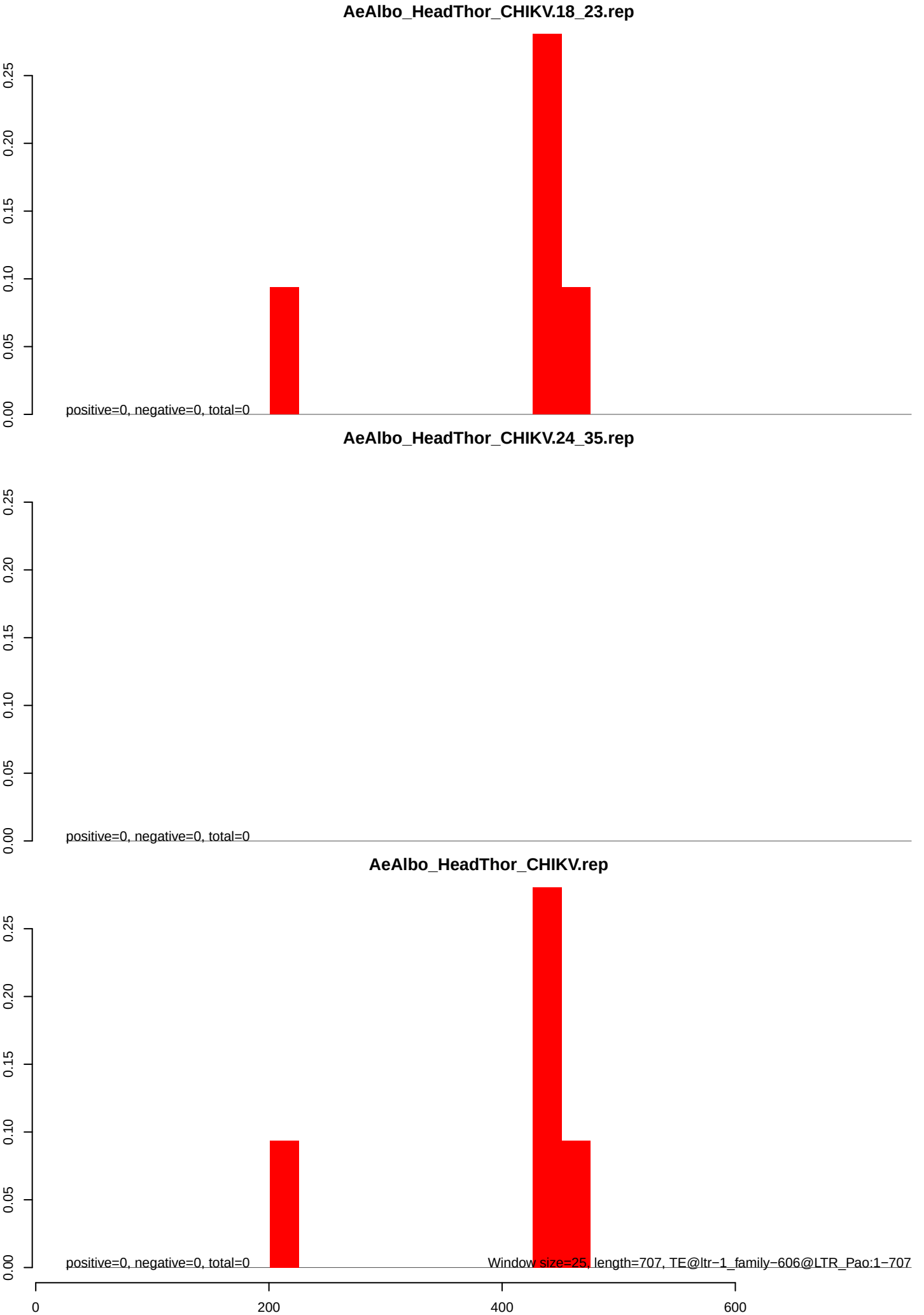

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

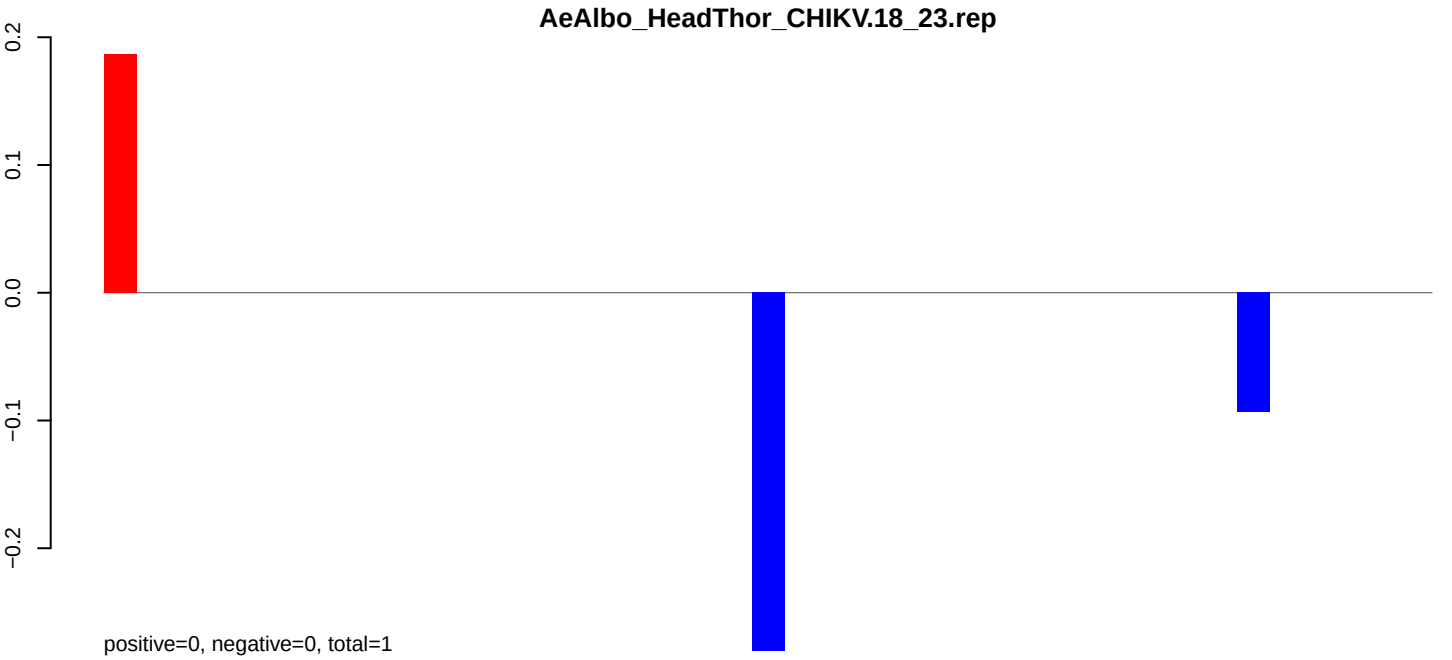

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=856, TE@ltr−1_family−6185@Unknown:1−856
0
200
400
600
800

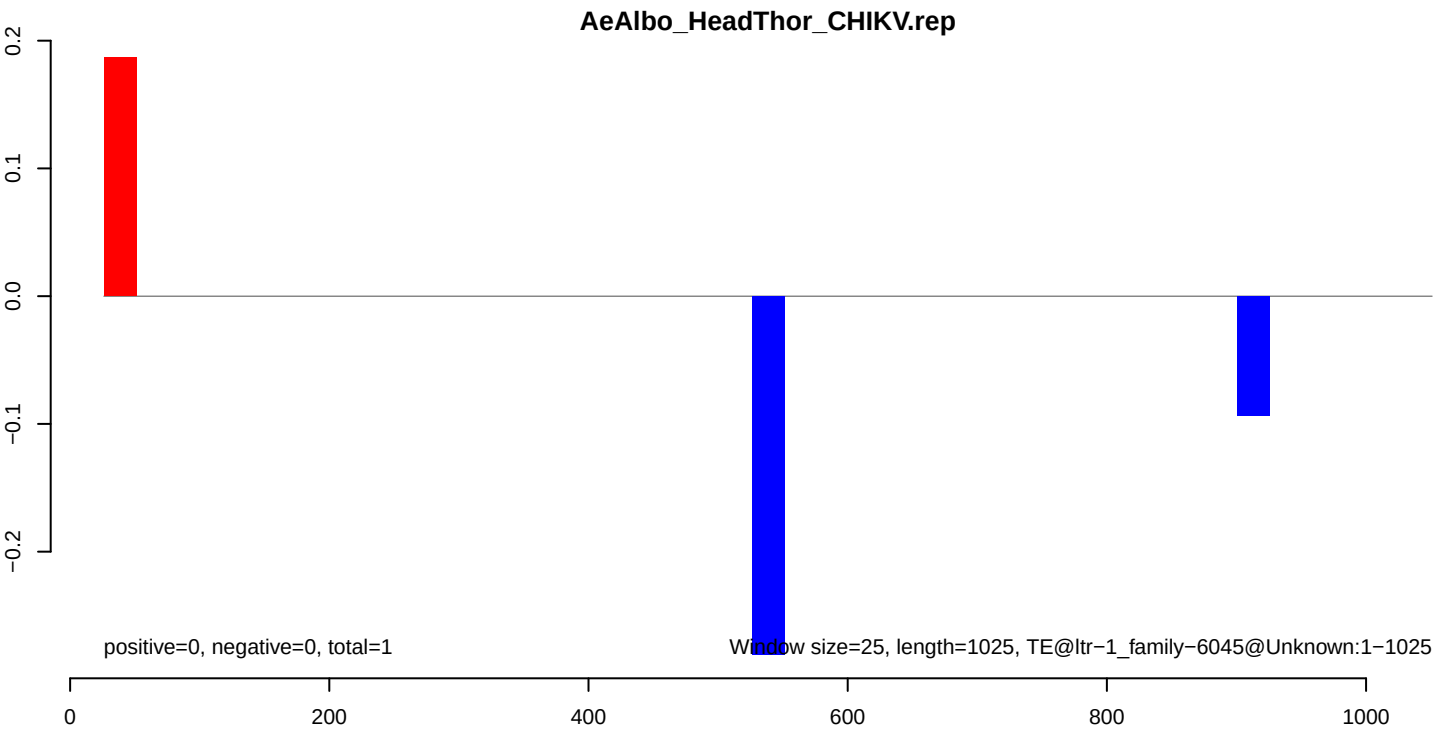

AeAlbo_HeadThor_CHIKV.18_23.rep
0
10
20
30
40
positive=94, negative=0, total=94
AeAlbo_HeadThor_CHIKV.24_35.rep
0
10
20
30
40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
10
20
30
40
positive=94, negative=0, total=94
Window size=25, length=856, TE@ltr−1_family−6128@LTR_Gypsy:1−856
0
200
400
600
800

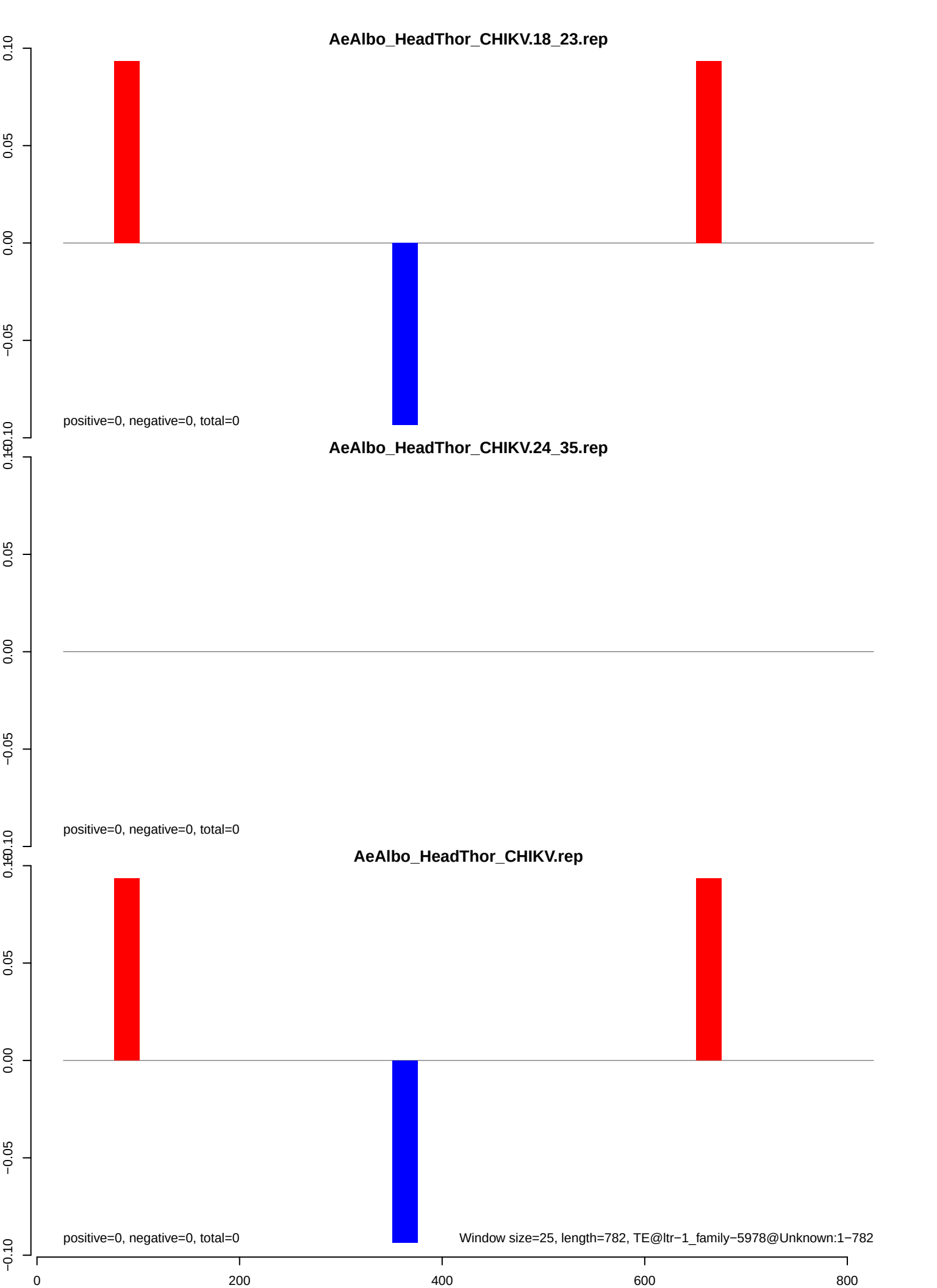

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=824, TE@ltr−1_family−6109@Unknown:1−824
0
200
400
600
800

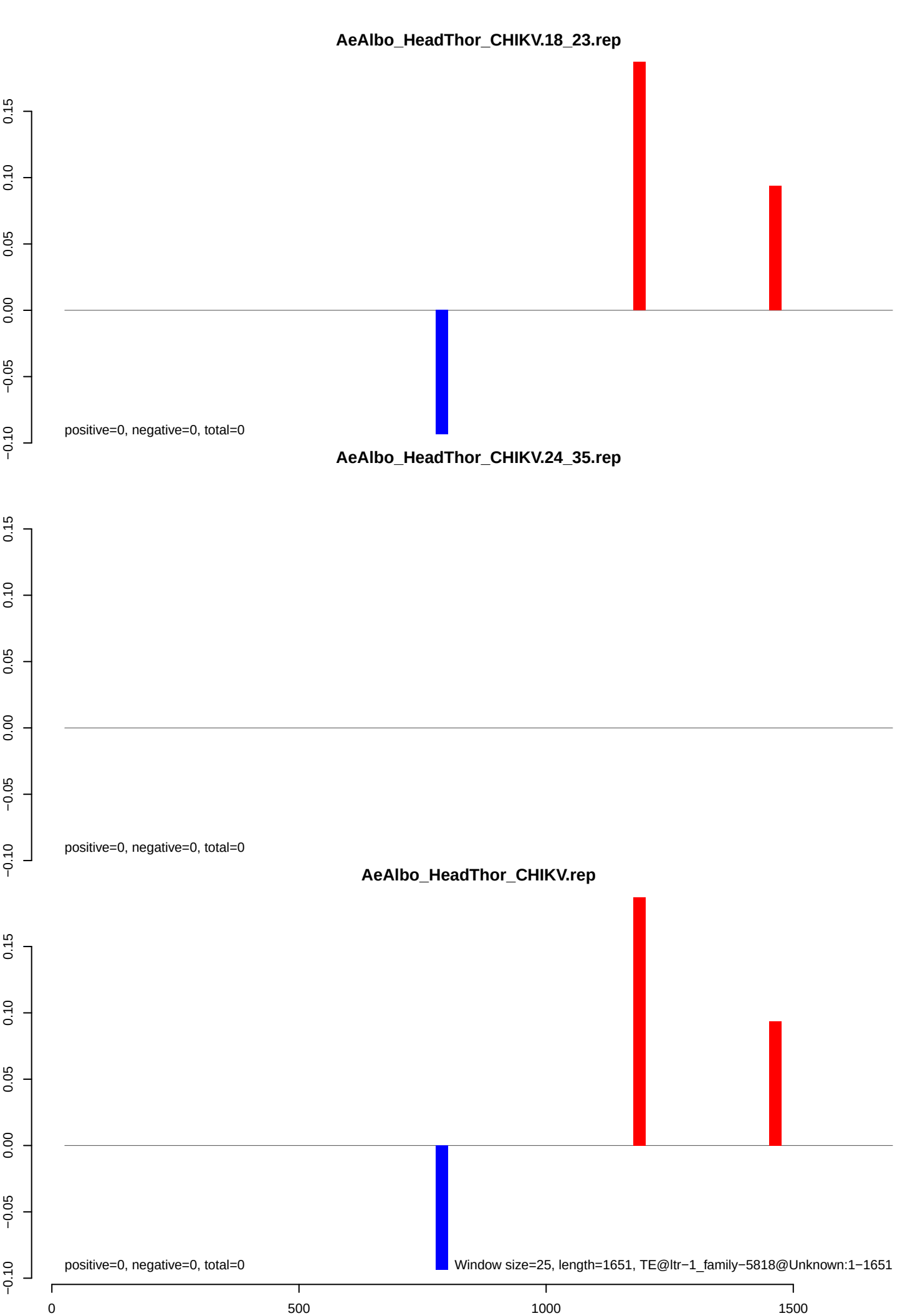

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
Window size=25, length=707, TE@ltr−1_family−606@LTR_Pao:1−707
0
200
400
600

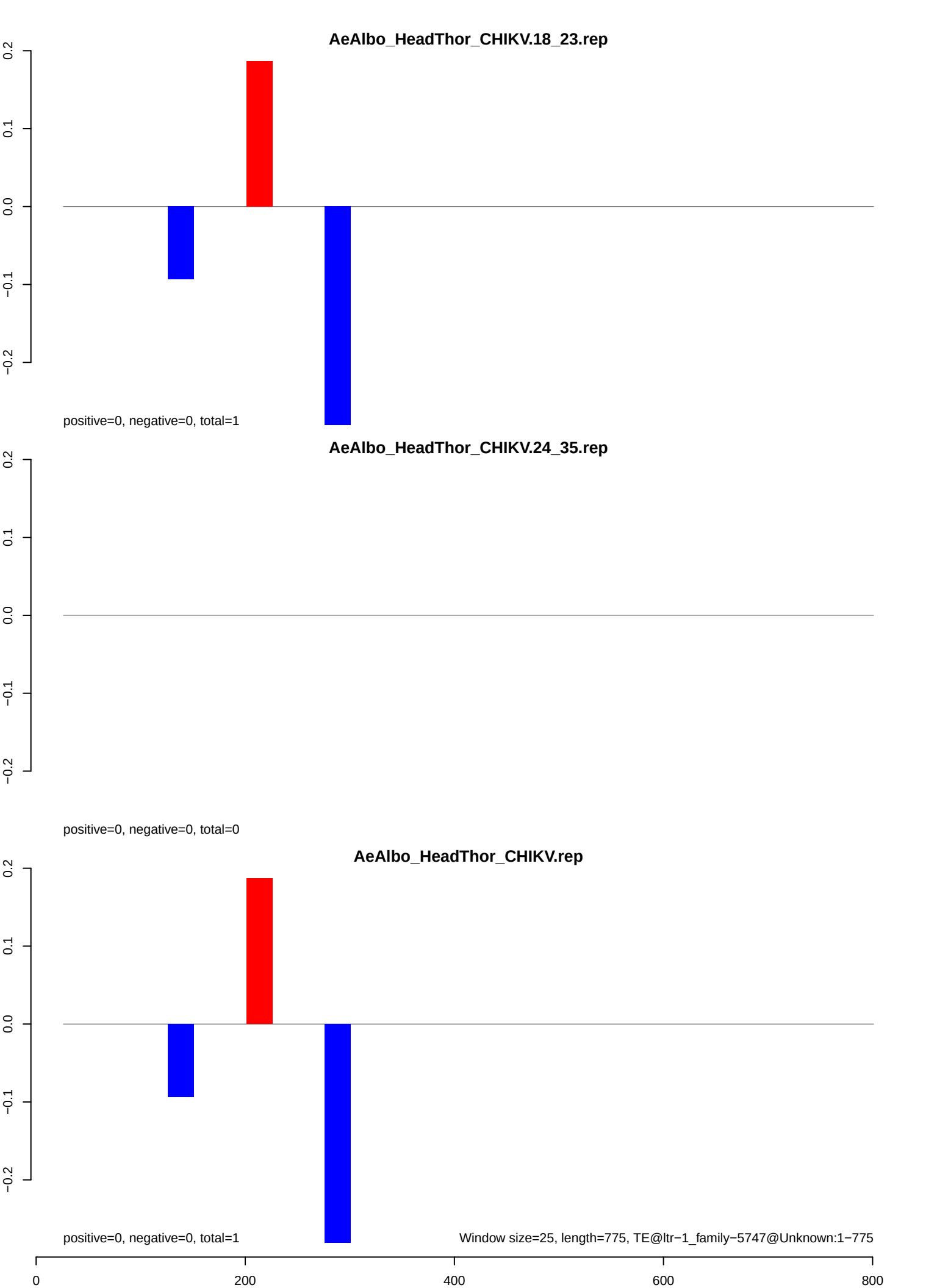

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1

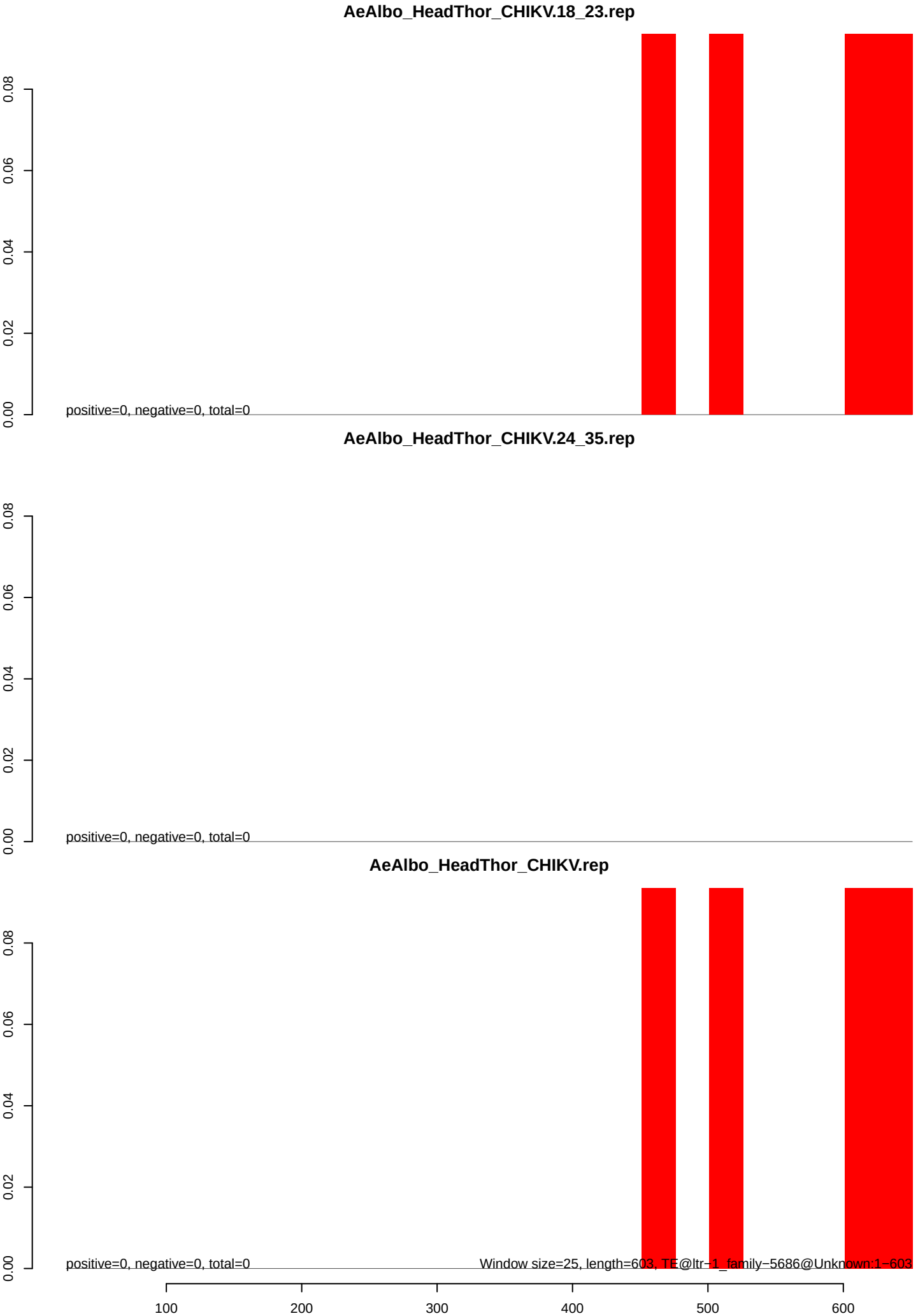
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0

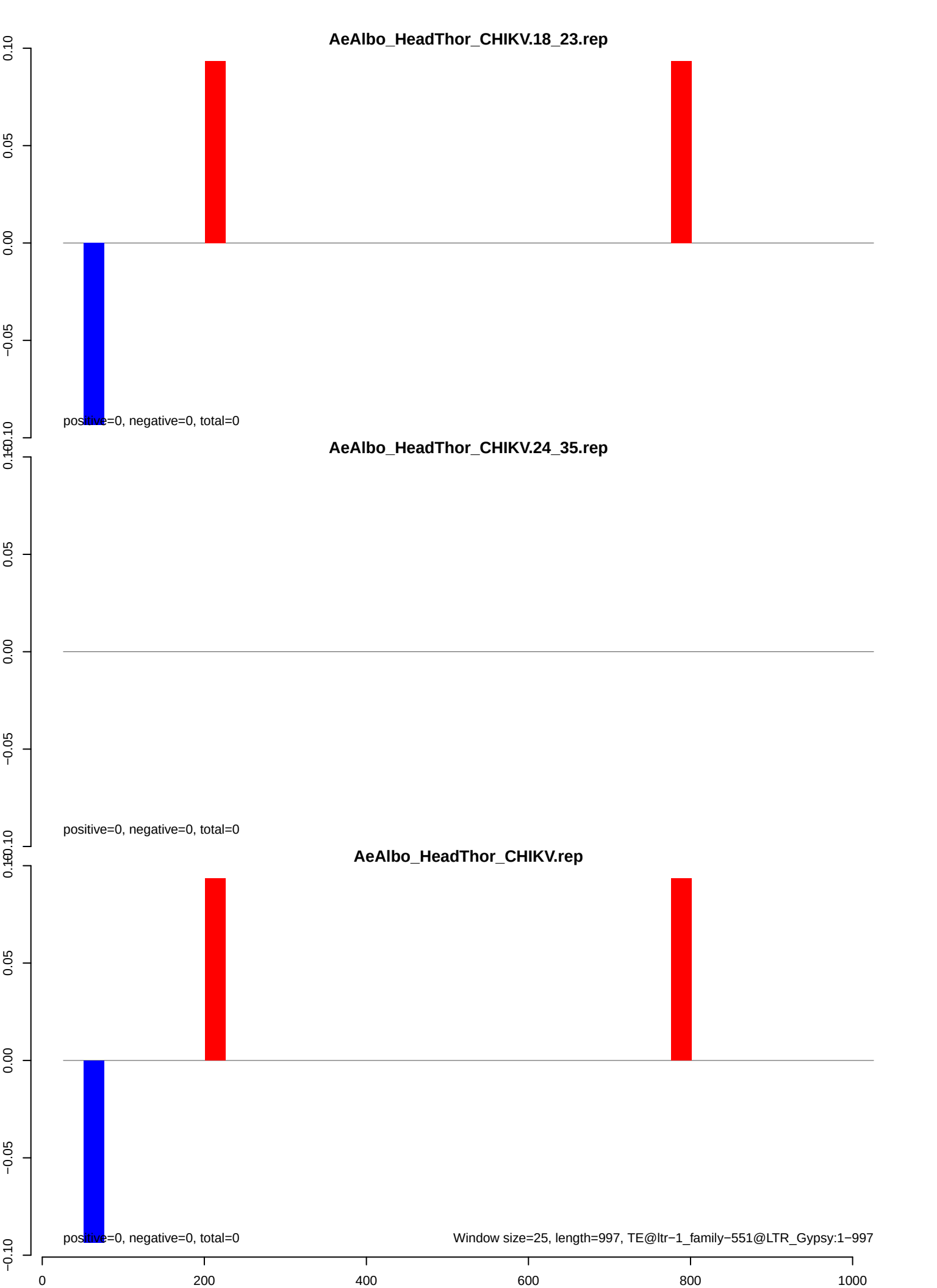

AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=1025, TE@ltr−1_family−6045@Unknown:1−1025
0
200
400
600
800
1000

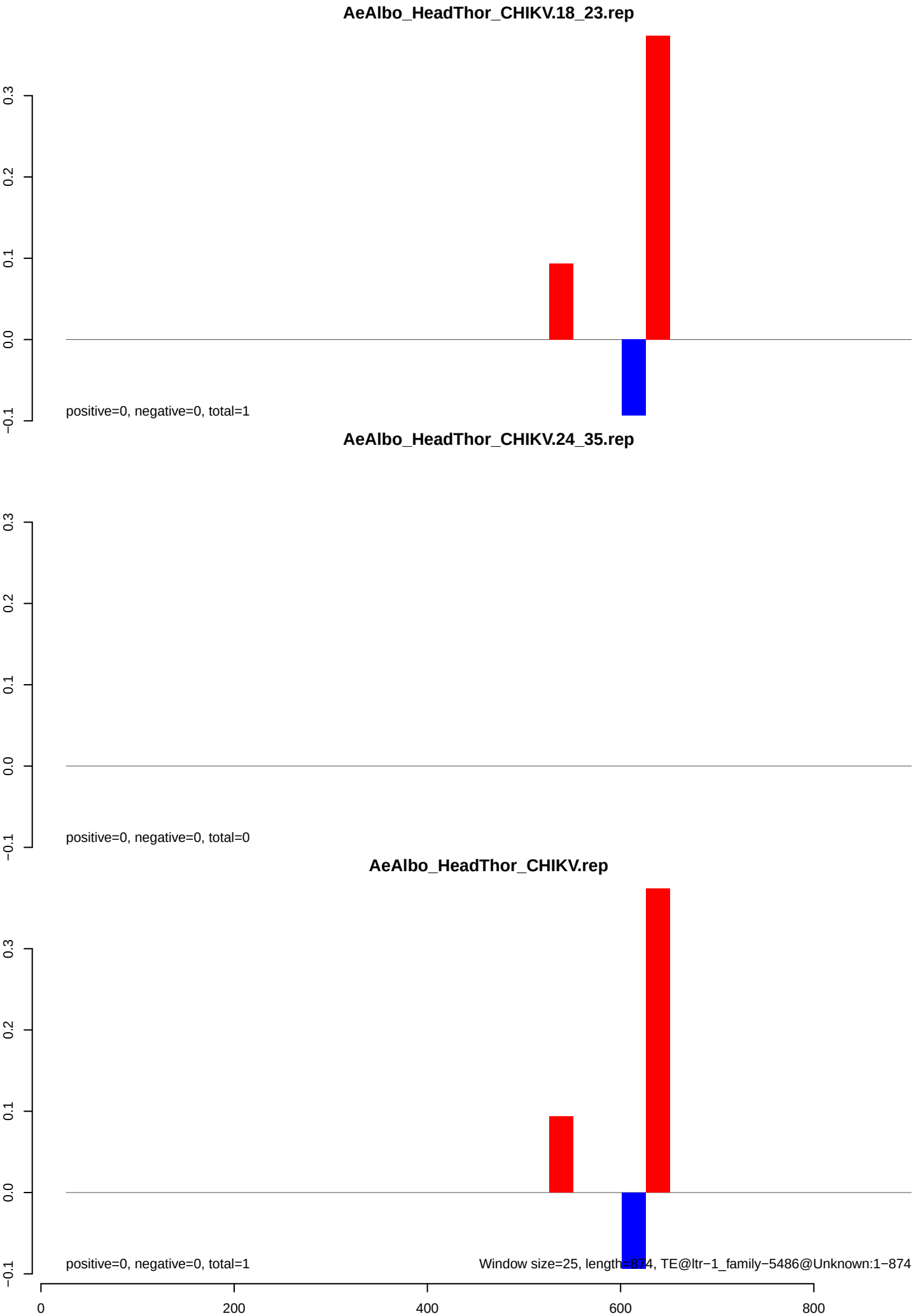

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=782, TE@ltr−1_family−5978@Unknown:1−782
0
200
400
600
800

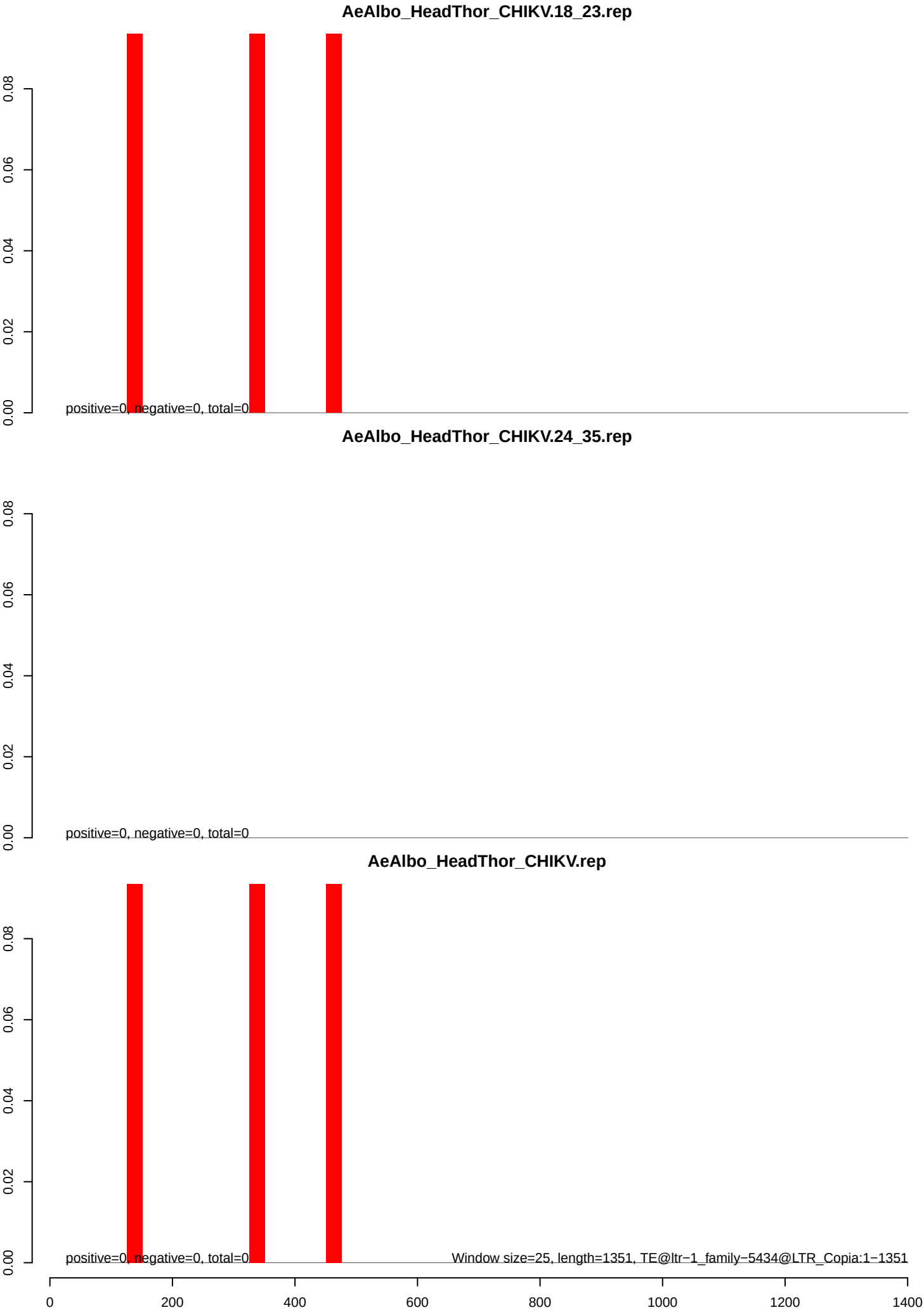

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1651, TE@ltr−1_family−5818@Unknown:1−1651
0
500
1000
1500

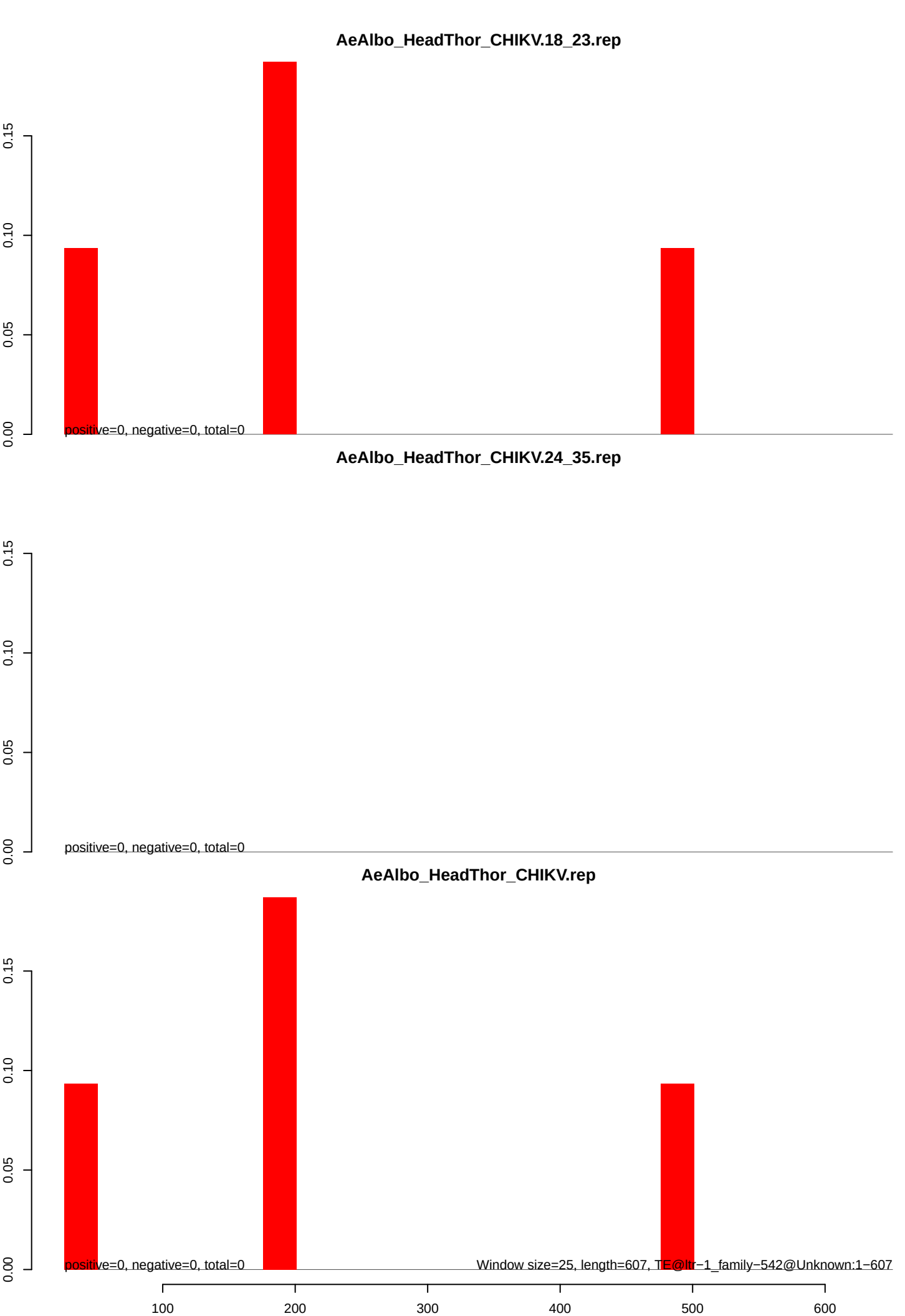

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=775, TE@ltr−1_family−5747@Unknown:1−775
0
200
400
600
800

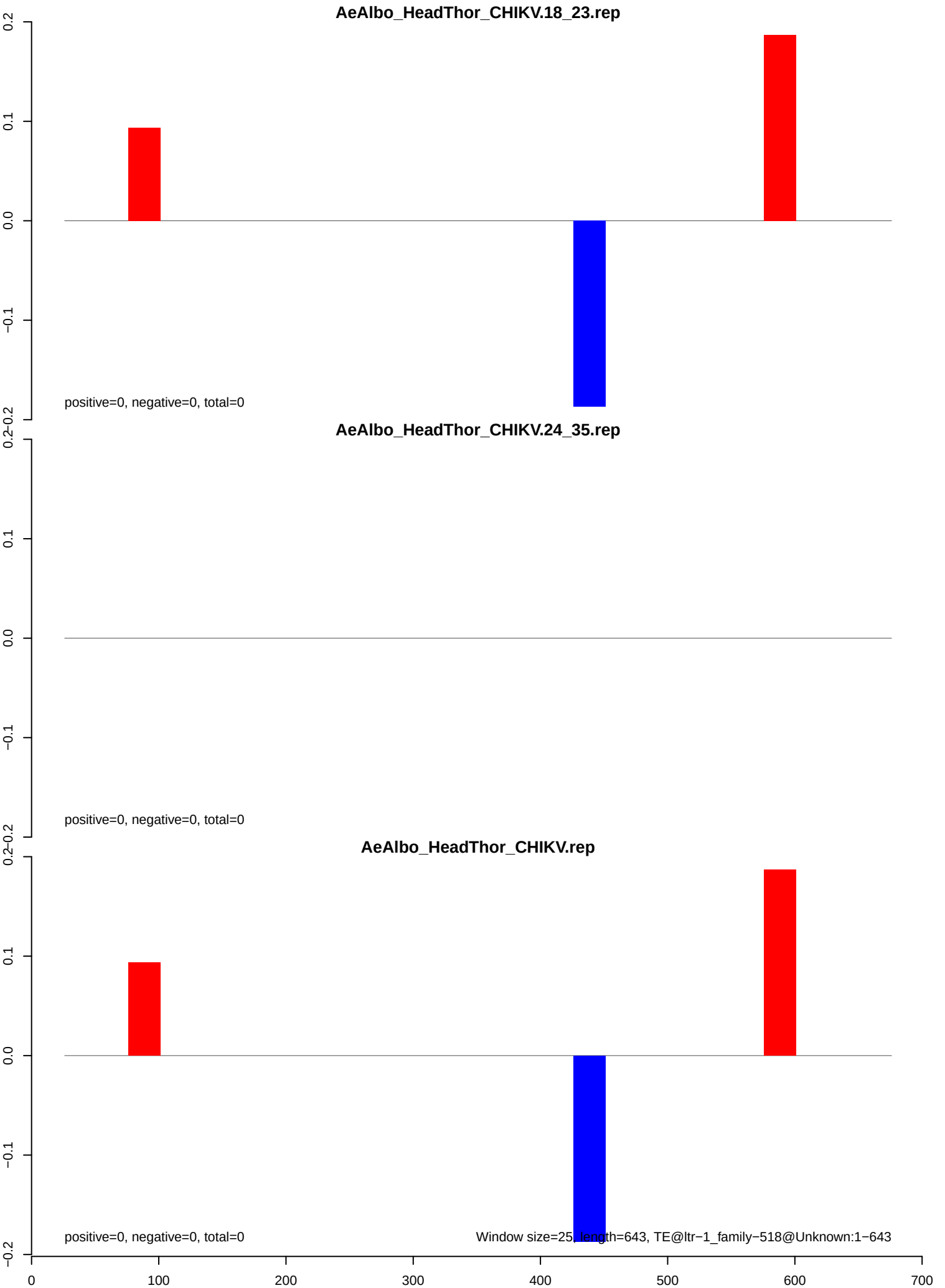

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=603, TE@ltr−1_family−5686@Unknown:1−603
100
200
300
400
500
600

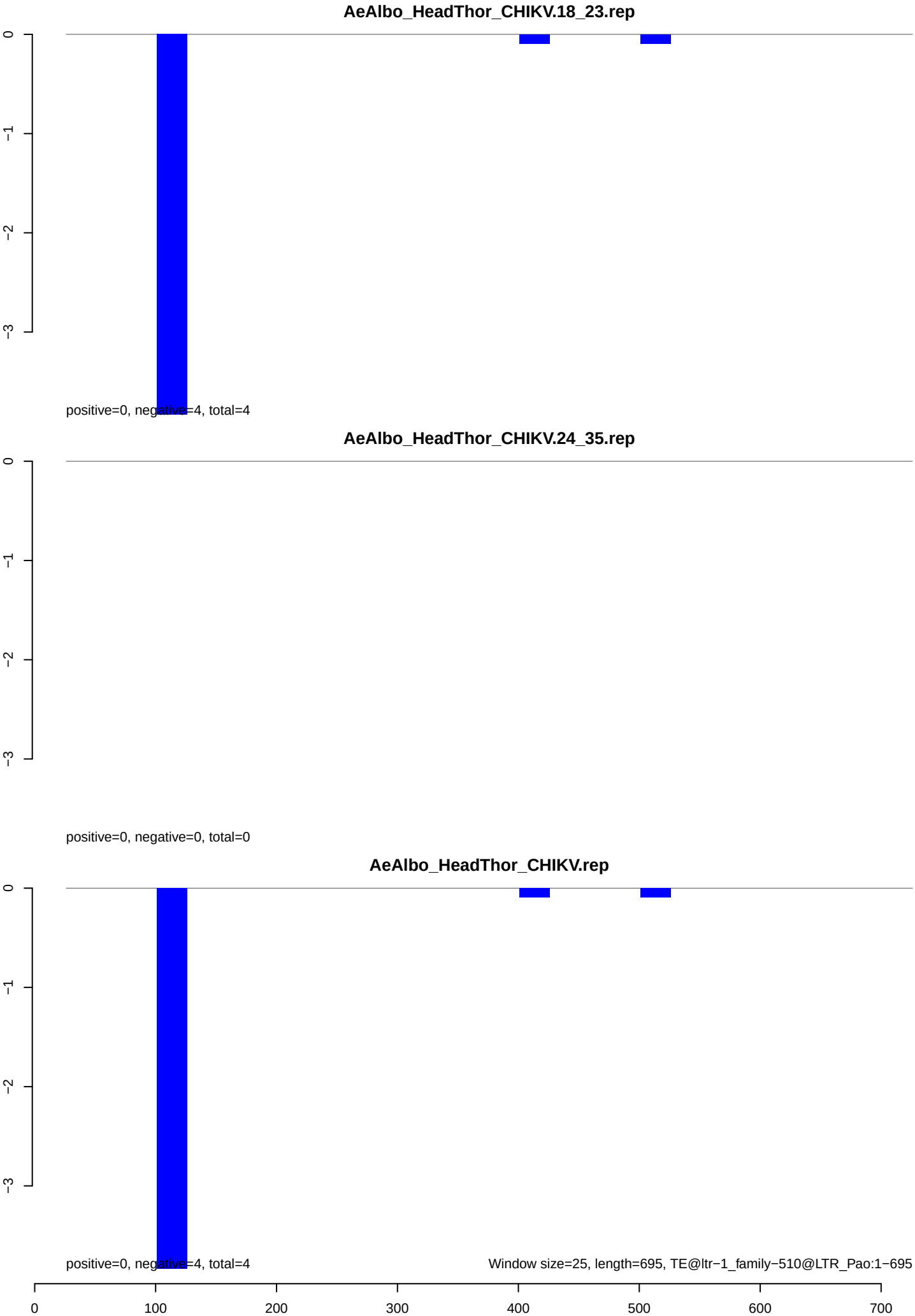

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=997, TE@ltr−1_family−551@LTR_Gypsy:1−997
0
200
400
600
800
1000

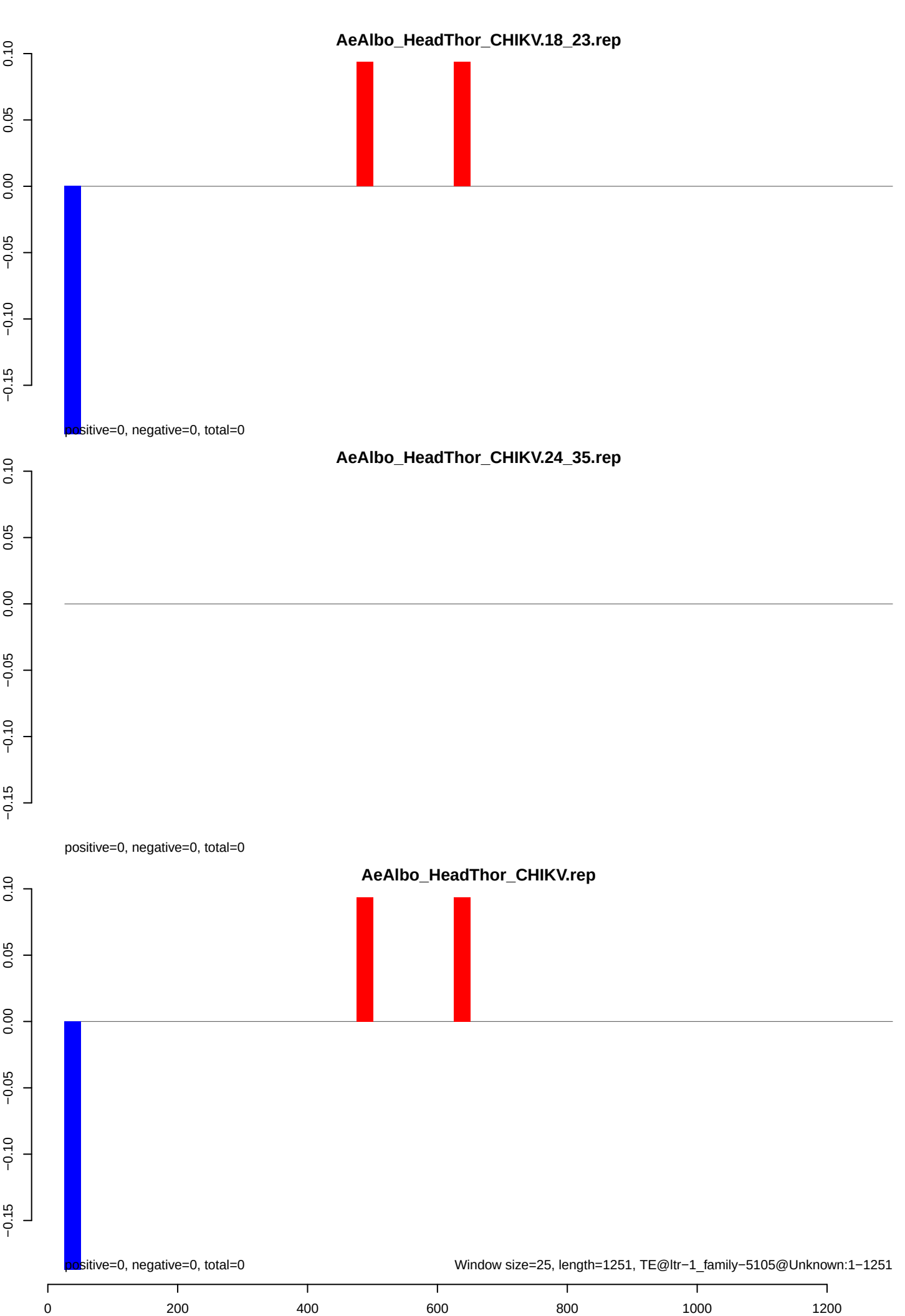

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=874, TE@ltr−1_family−5486@Unknown:1−874
0
200
400
600
800

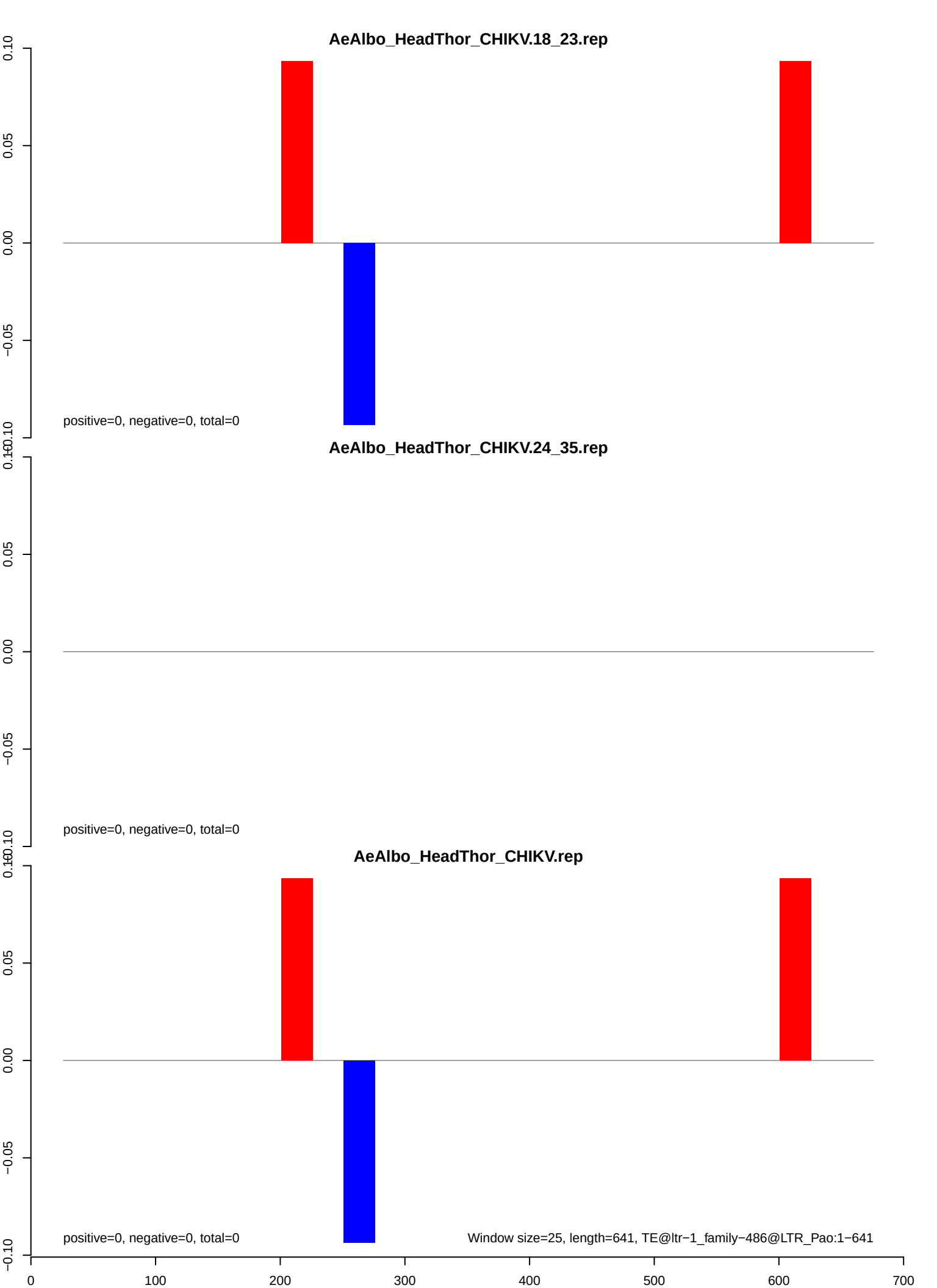

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1351, TE@ltr−1_family−5434@LTR_Copia:1−1351
0
200
400
600
800
1000
1200
1400

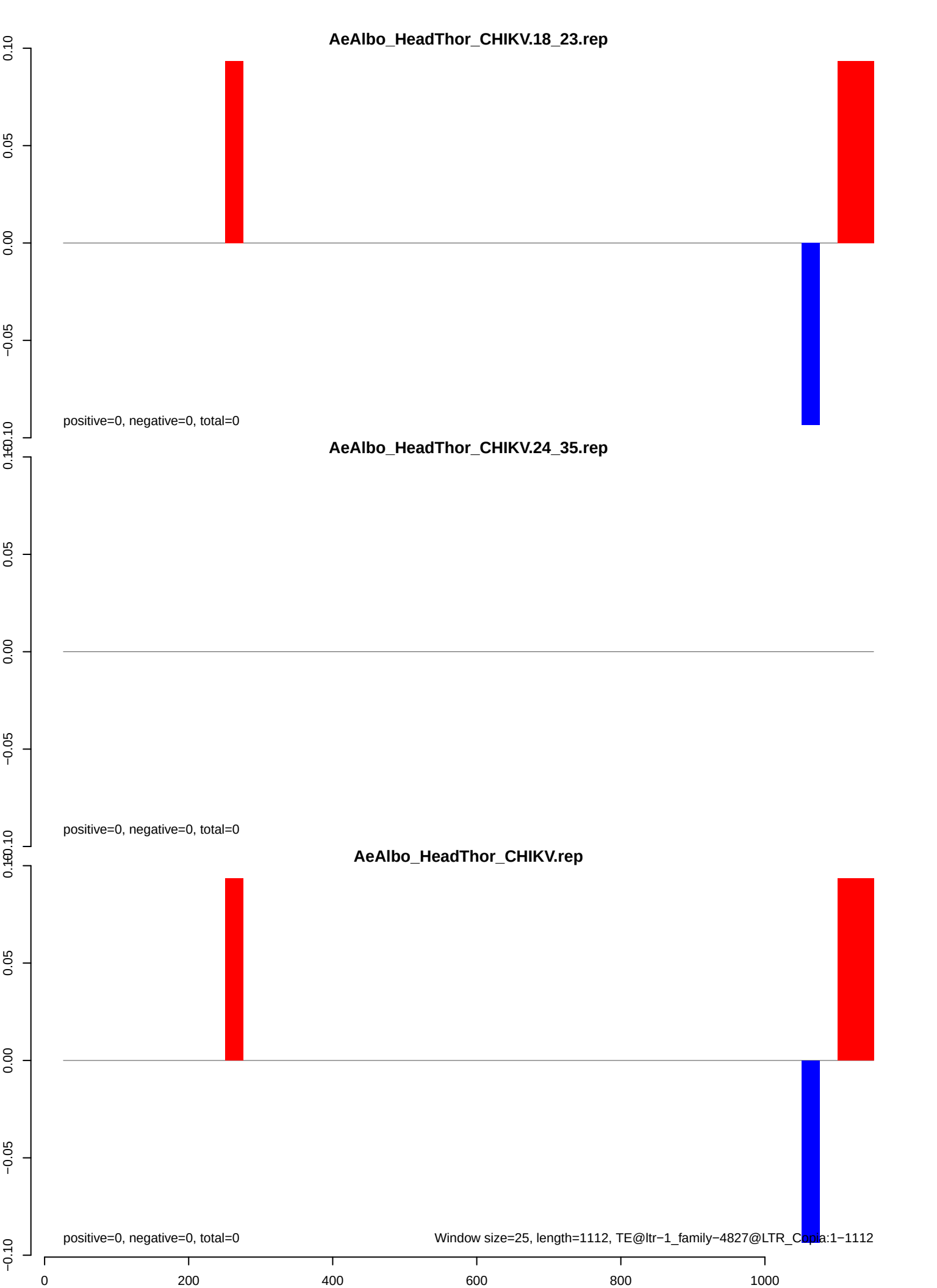

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=607, TE@ltr−1_family−542@Unknown:1−607
100
200
300
400
500
600

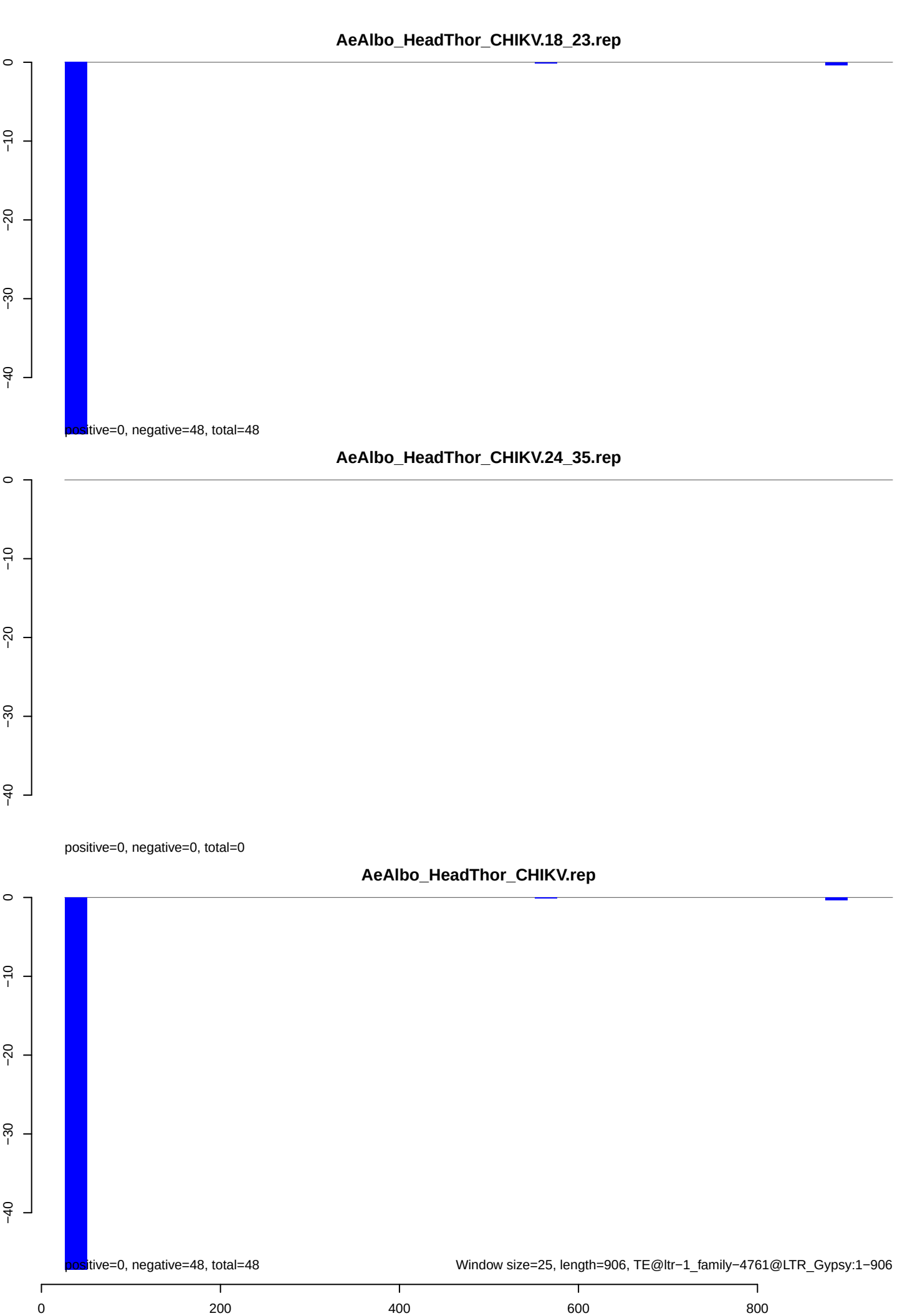

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=643, TE@ltr−1_family−518@Unknown:1−643
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400
500
600
700

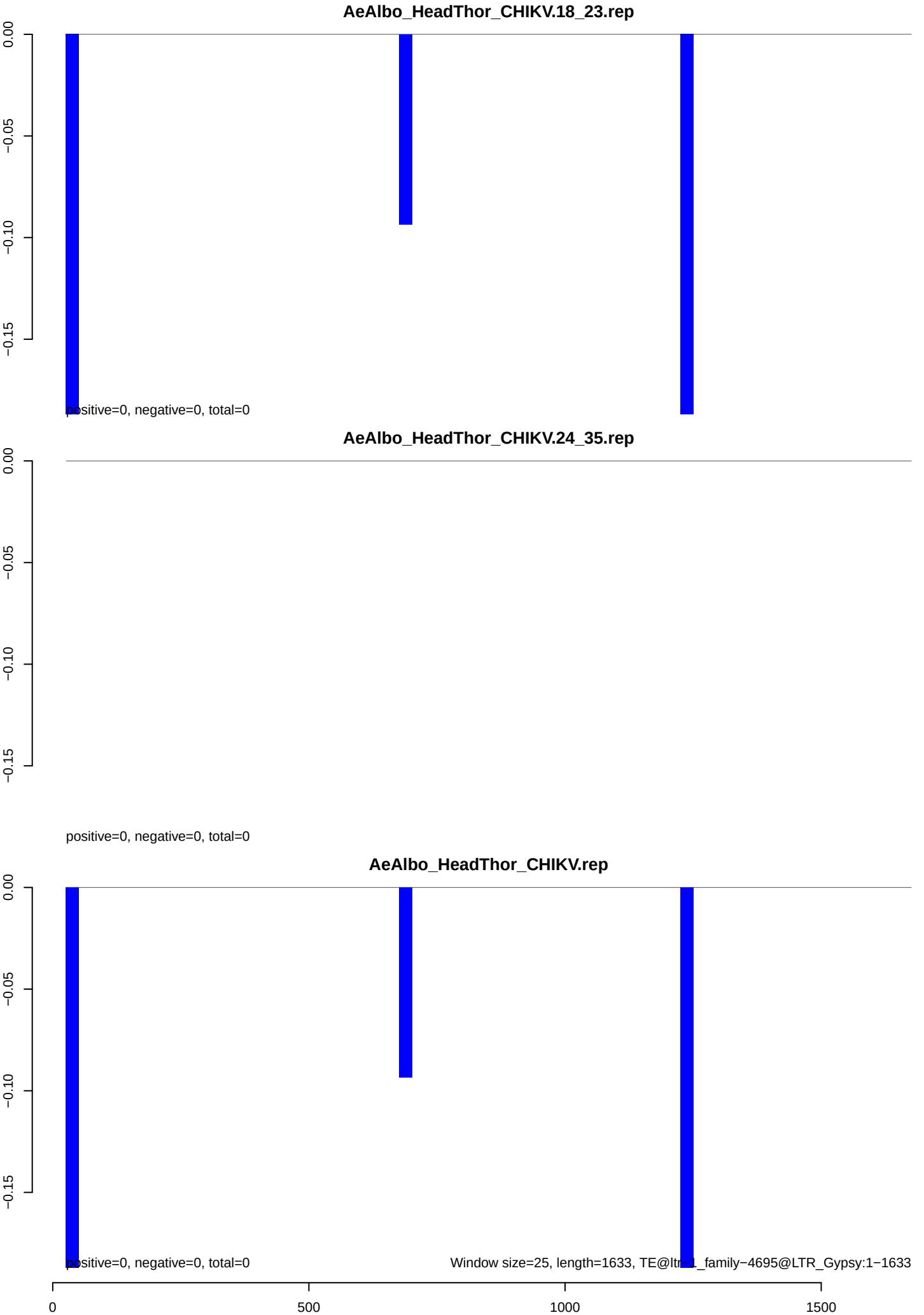

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=0, negative=4, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=0, negative=4, total=4
Window size=25, length=695, TE@ltr−1_family−510@LTR_Pao:1−695
0
100
200
300
400
500
600
700

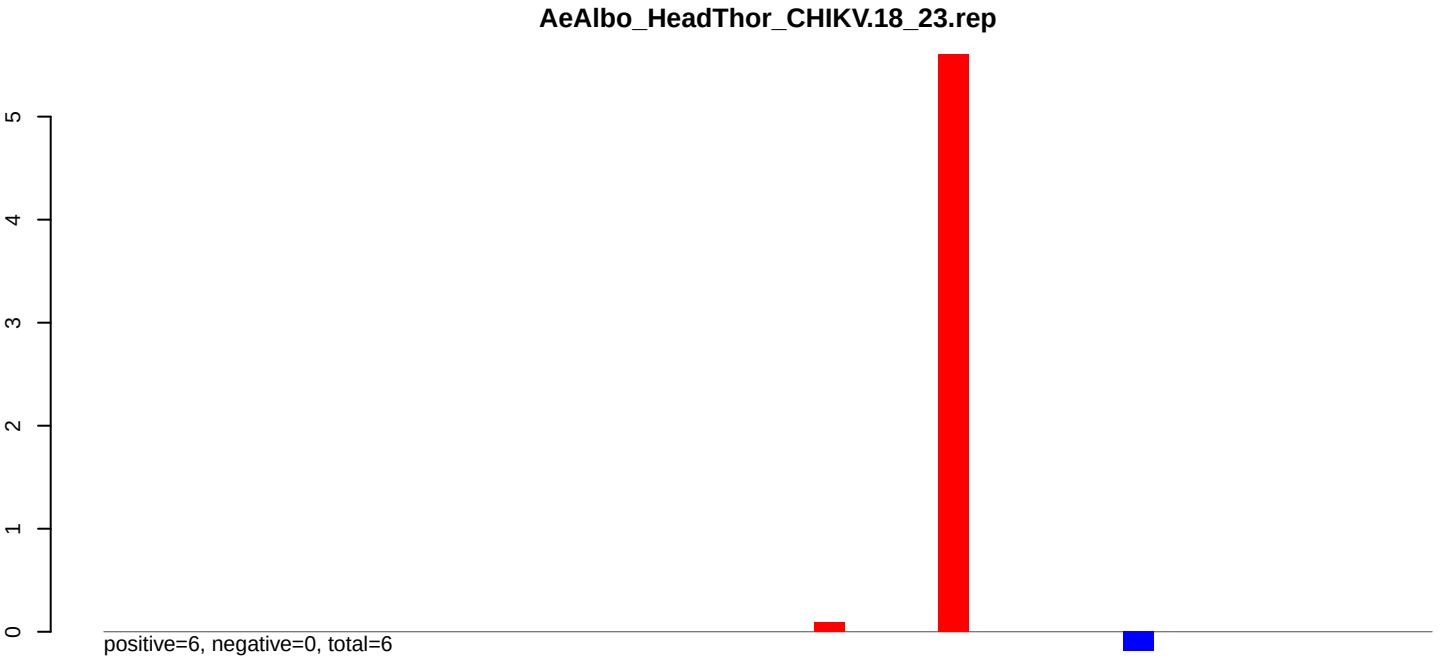

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1251, TE@ltr−1_family−5105@Unknown:1−1251
0
200
400
600
800
1000
1200

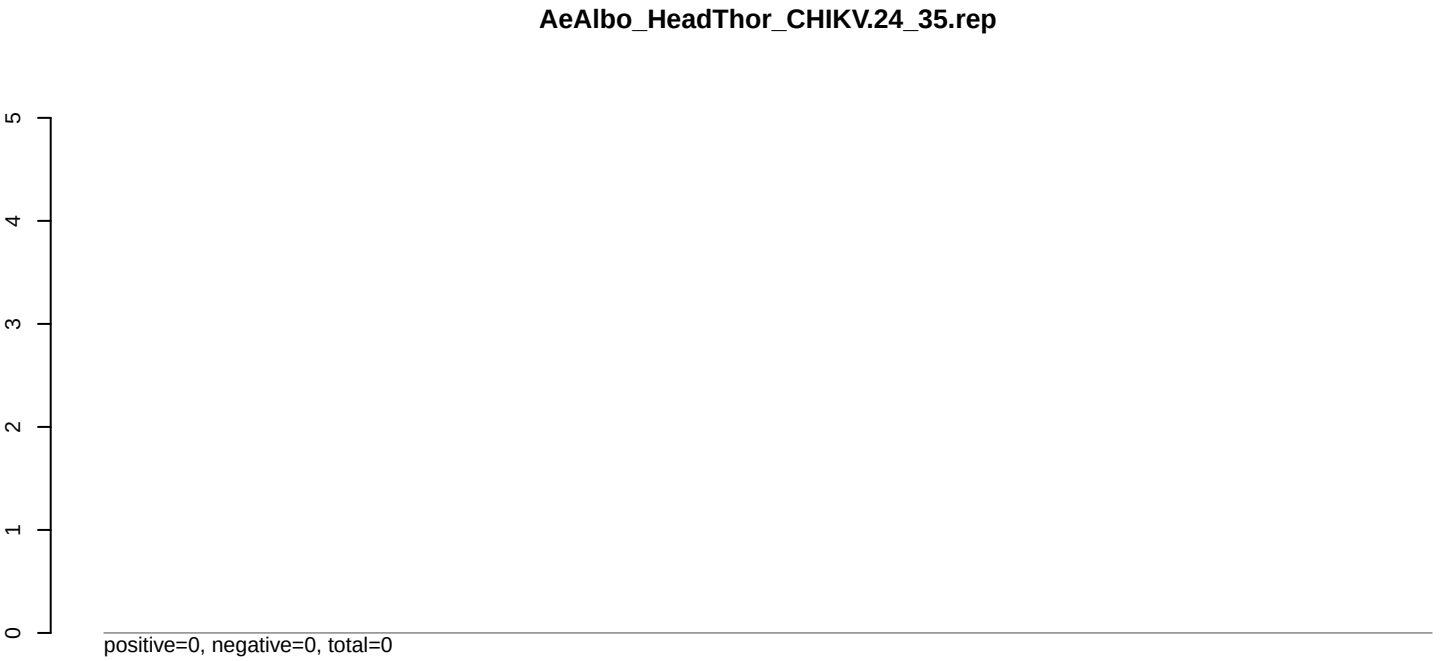

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=641, TE@ltr−1_family−486@LTR_Pao:1−641
0
100
200
300
400
500
600
700

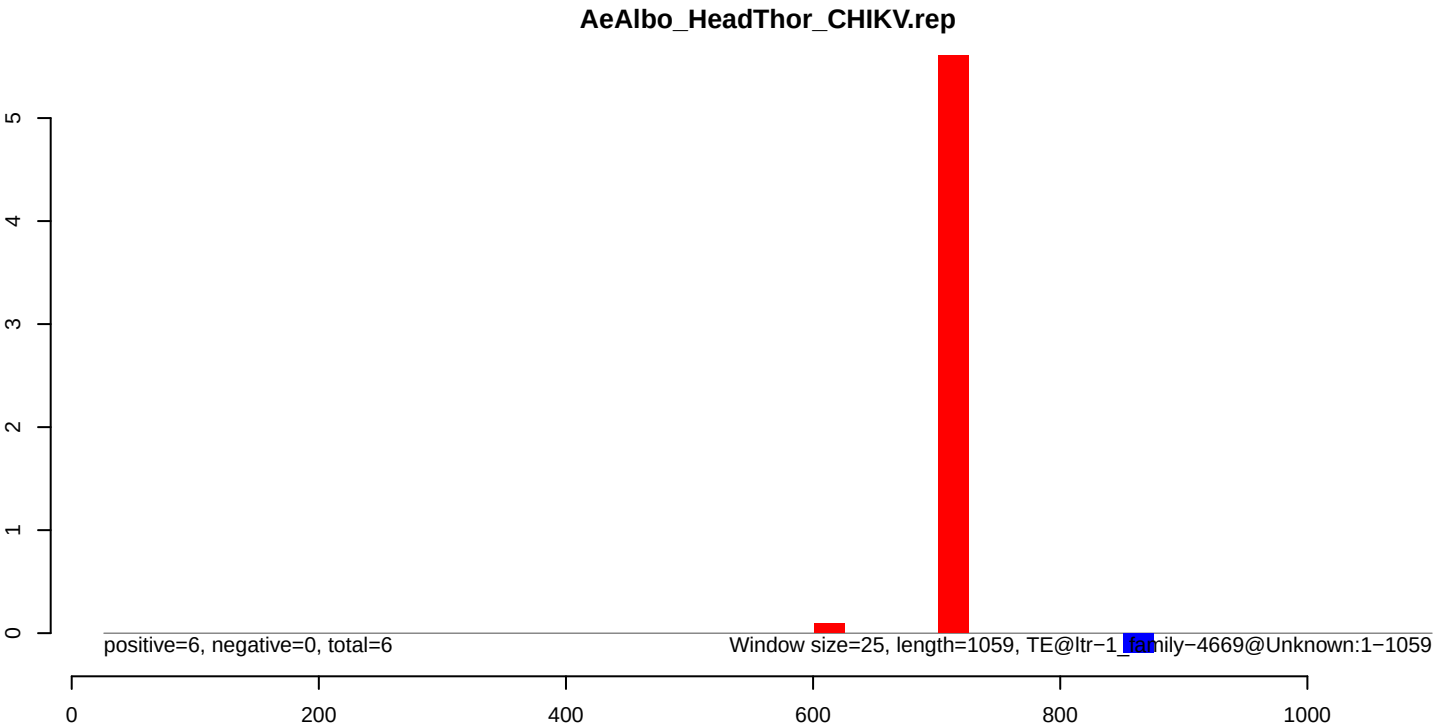

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1112, TE@ltr−1_family−4827@LTR_Copia:1−1112
0
200
400
600
800
1000

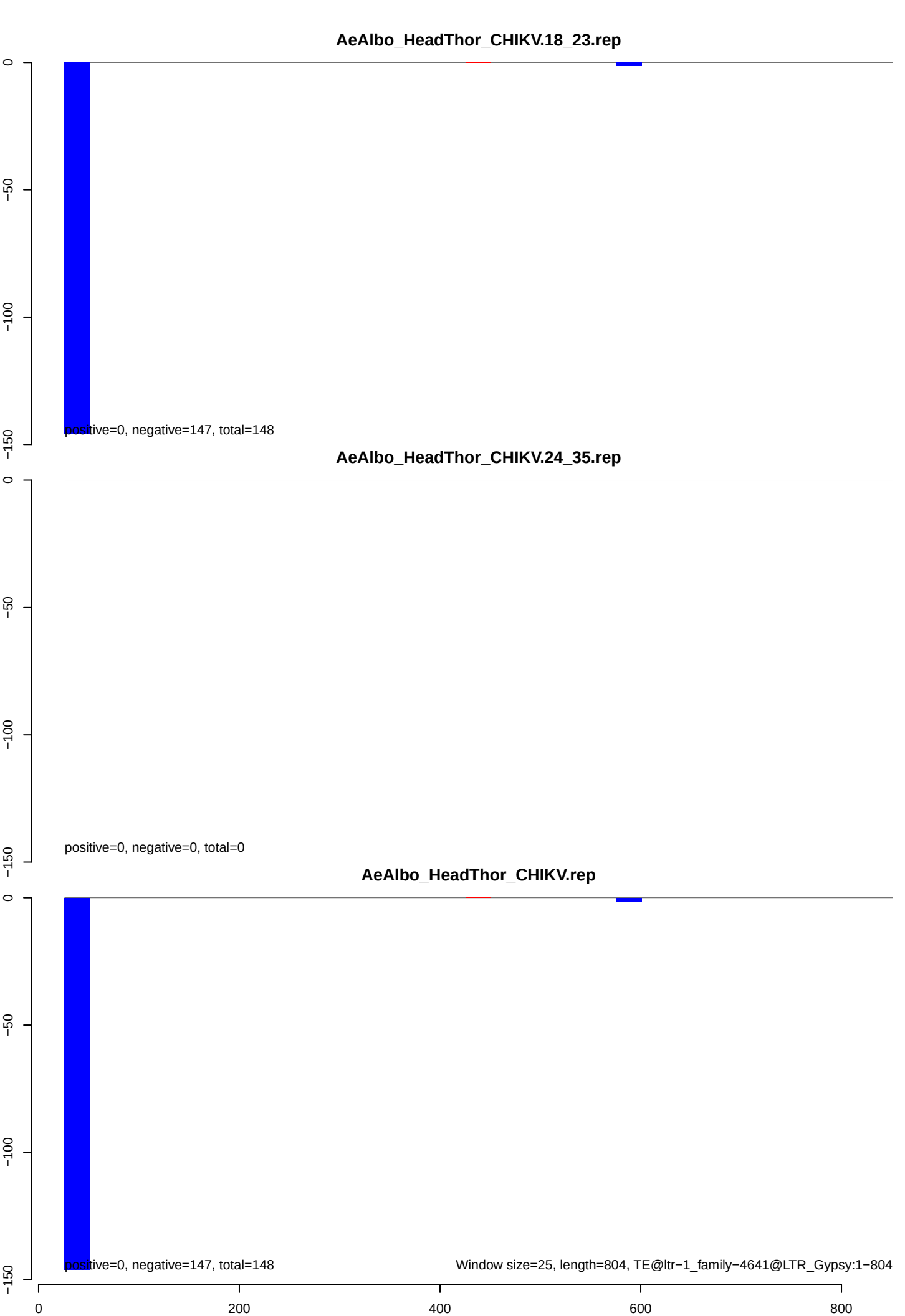

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−10
−20
−30
−40
positive=0, negative=48, total=48
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−10
−20
−30
−40
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−10
−20
−30
−40
positive=0, negative=48, total=48
Window size=25, length=906, TE@ltr−1_family−4761@LTR_Gypsy:1−906
0
200
400
600
800

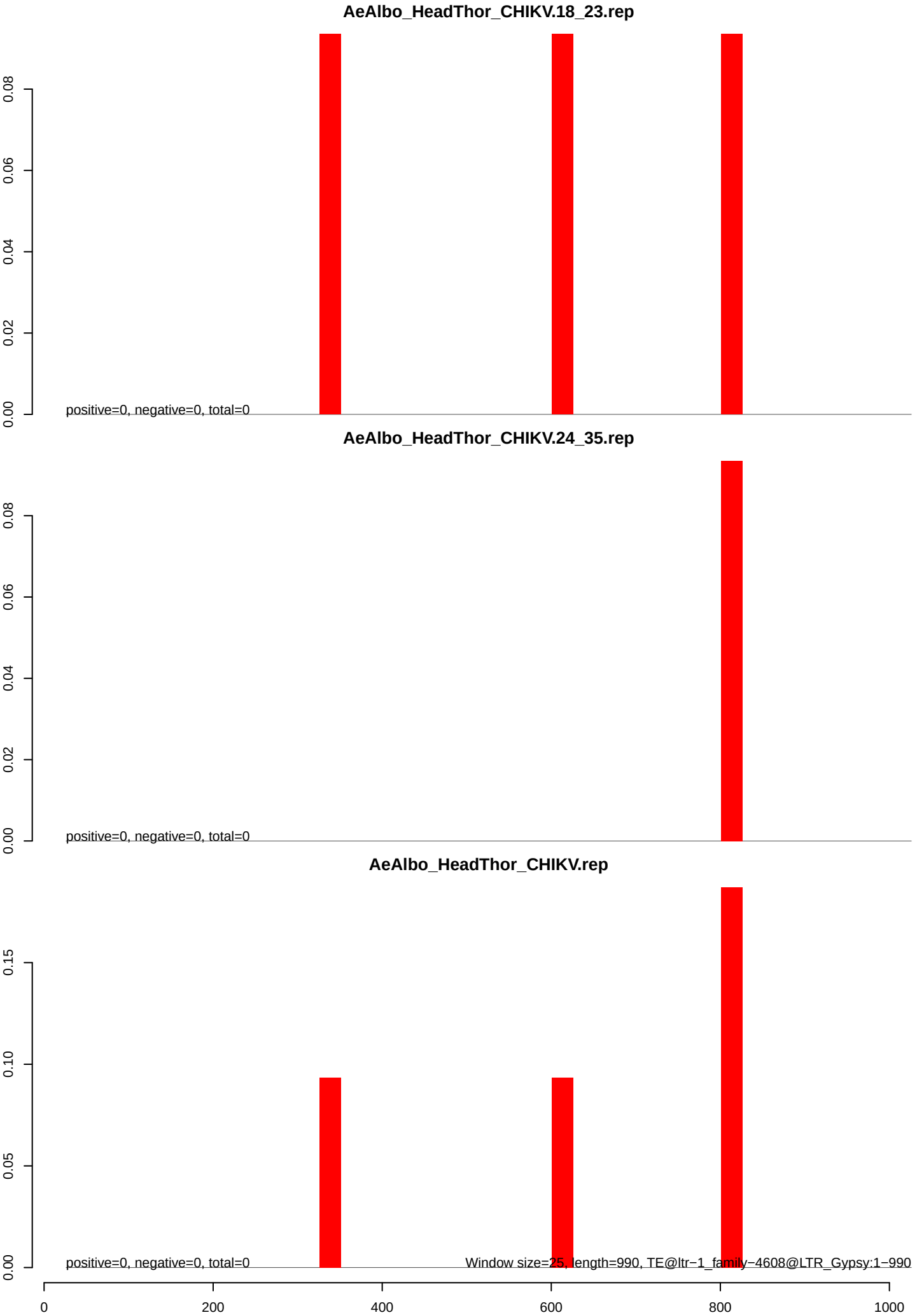

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1633, TE@ltr−1_family−4695@LTR_Gypsy:1−1633
0
500
1000
1500

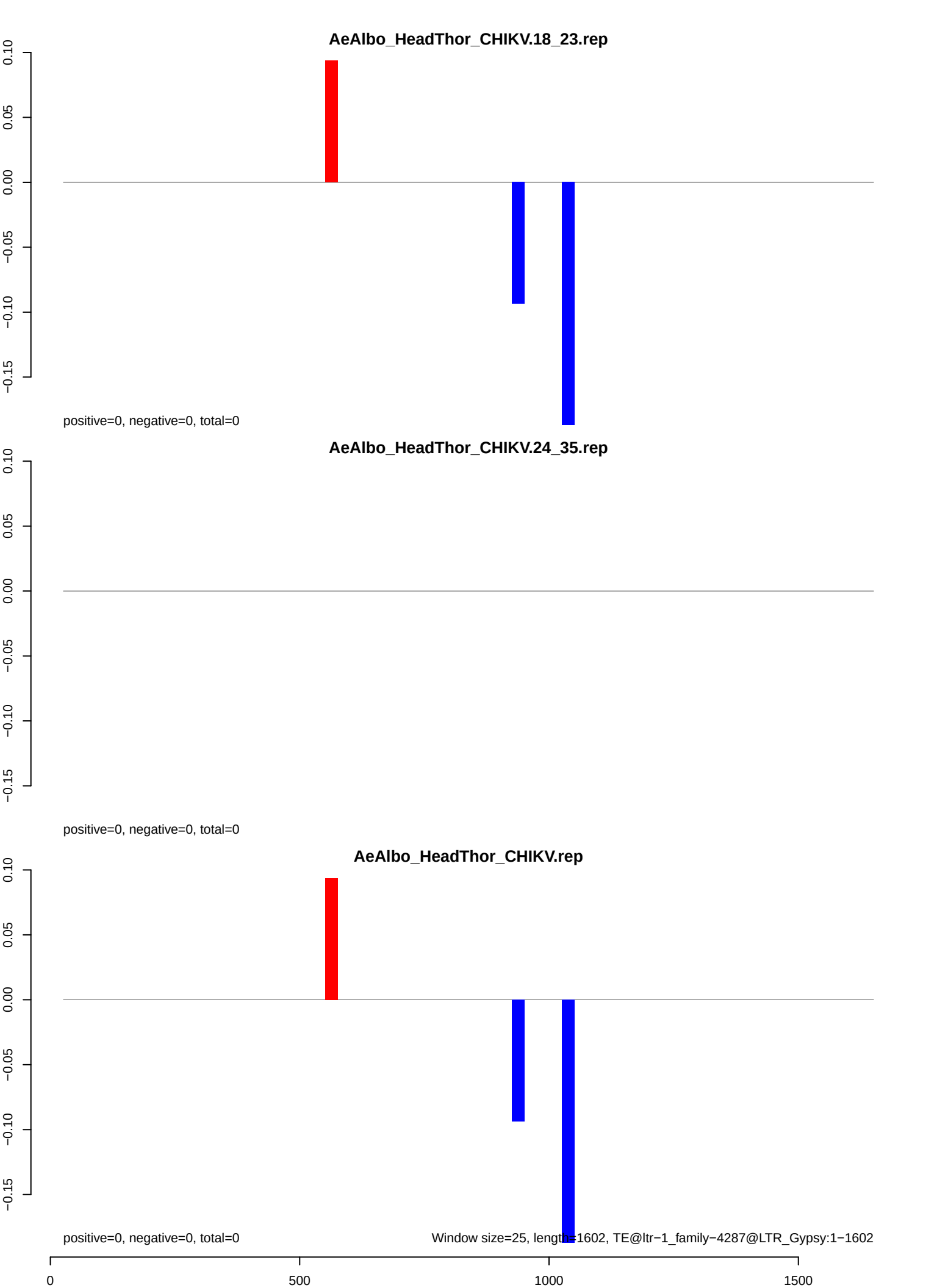

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
positive=6, negative=0, total=6

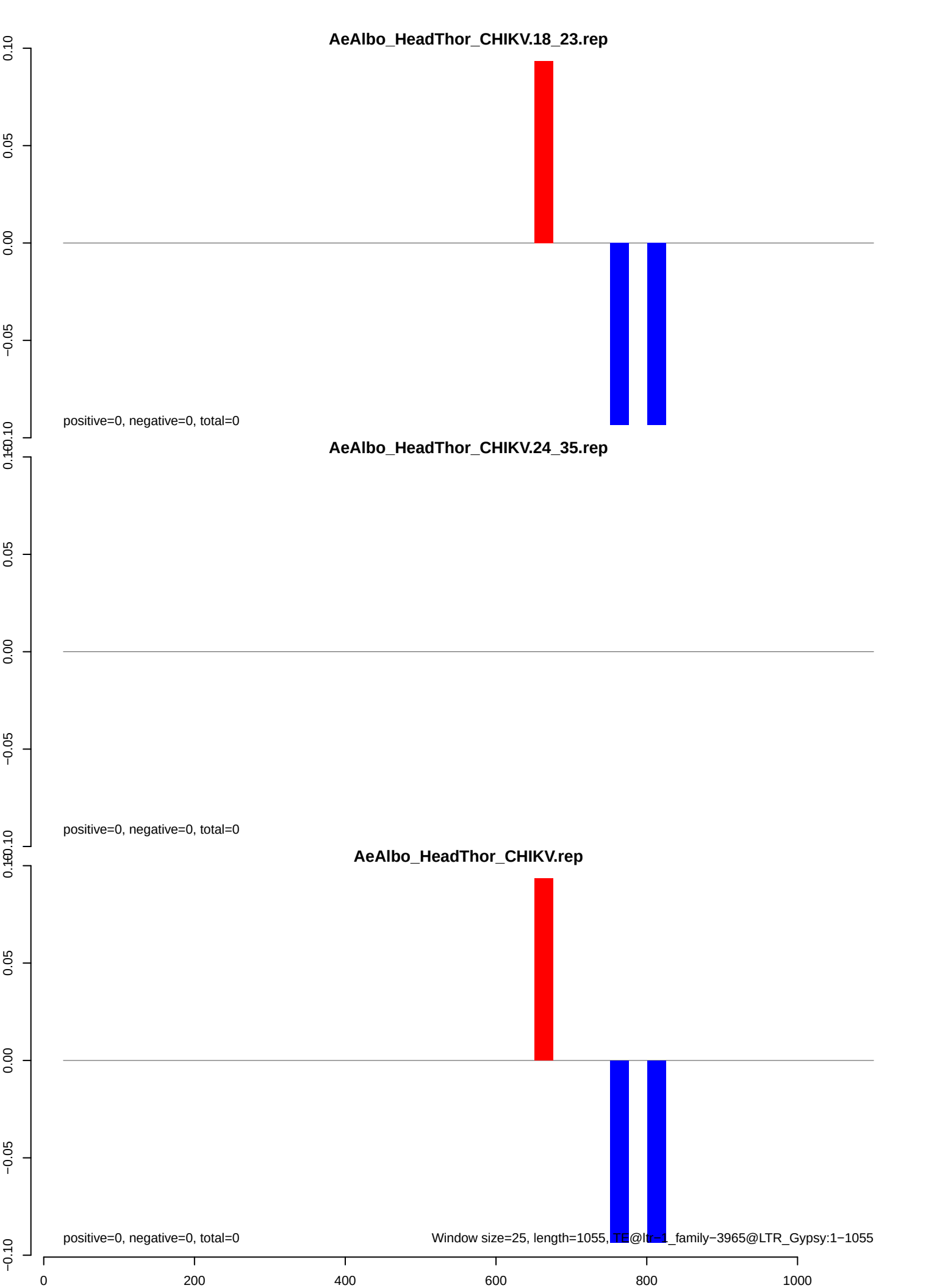

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
positive=0, negative=0, total=0

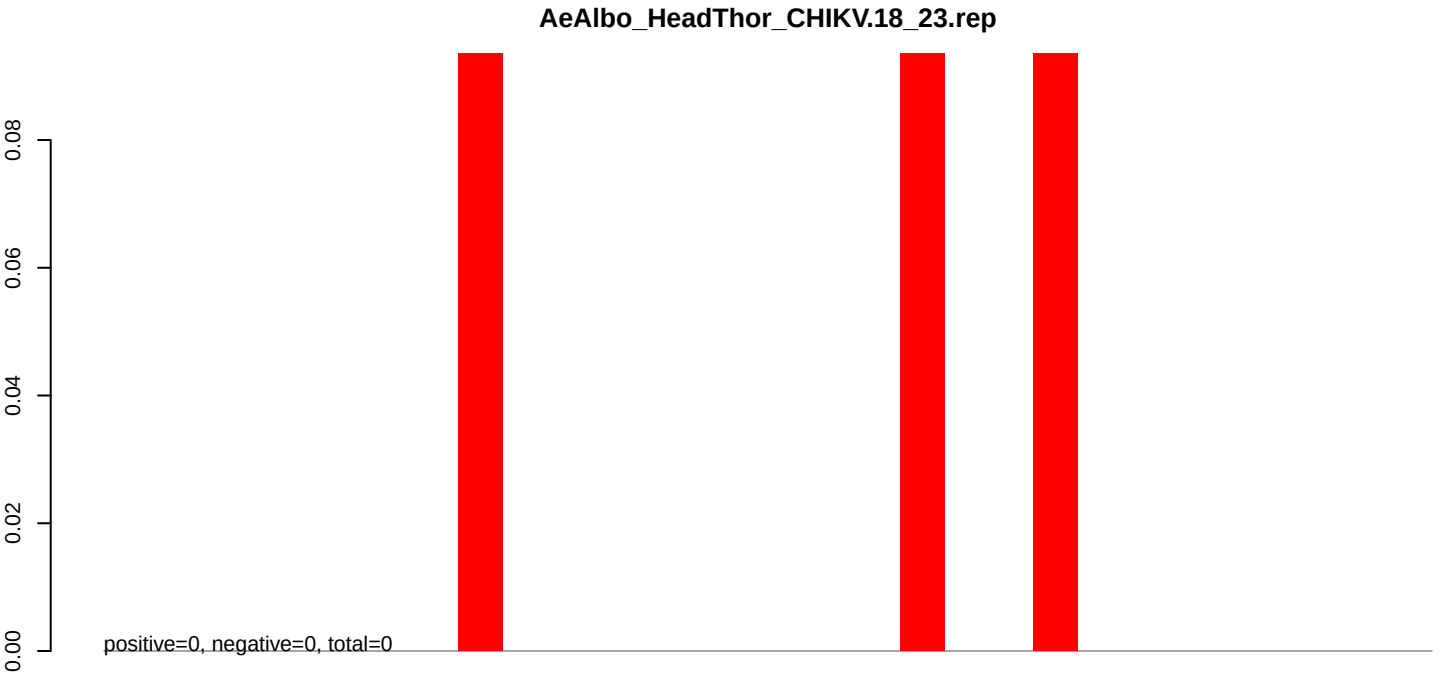

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=6, negative=0, total=6
Window size=25, length=1059, TE@ltr−1_family−4669@Unknown:1−1059
0
200
400
600
800
1000

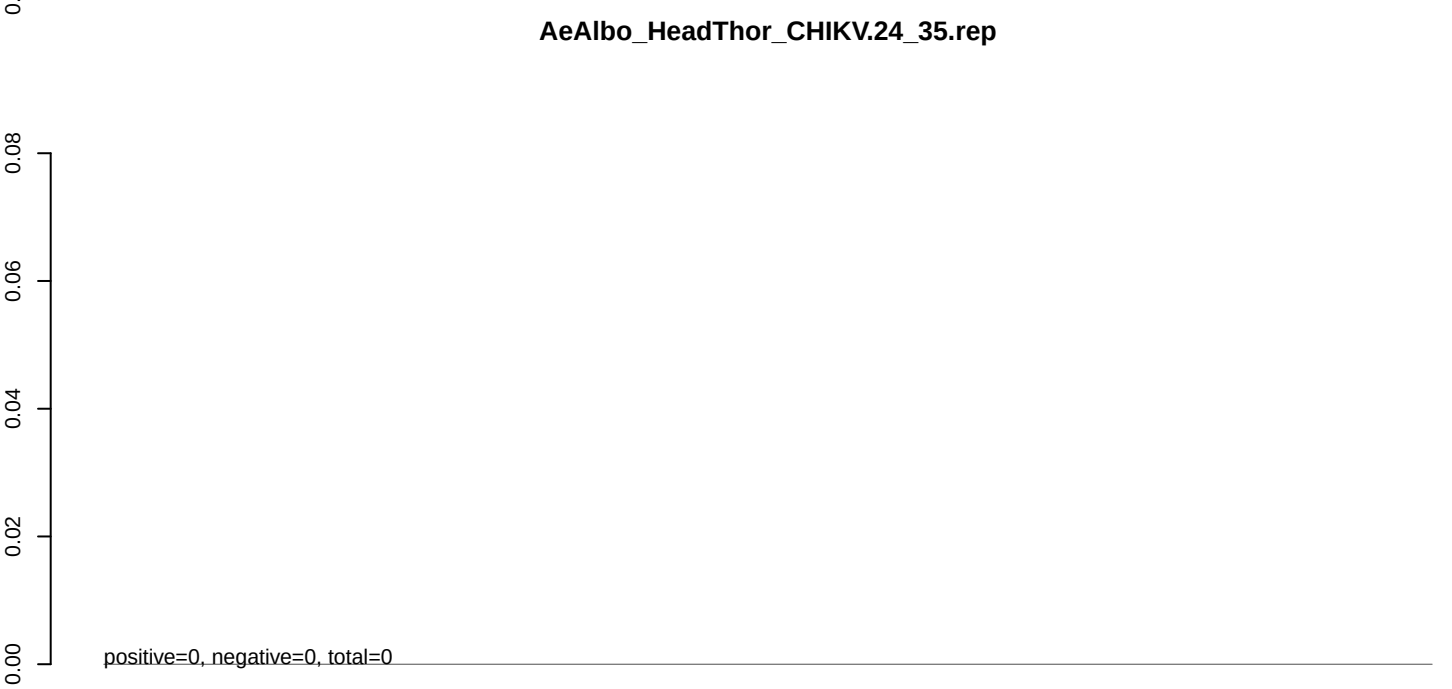

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−50
−100
−150
positive=0, negative=147, total=148
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−50
−100
−150
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−50
−100
−150
positive=0, negative=147, total=148
Window size=25, length=804, TE@ltr−1_family−4641@LTR_Gypsy:1−804
0
200
400
600
800

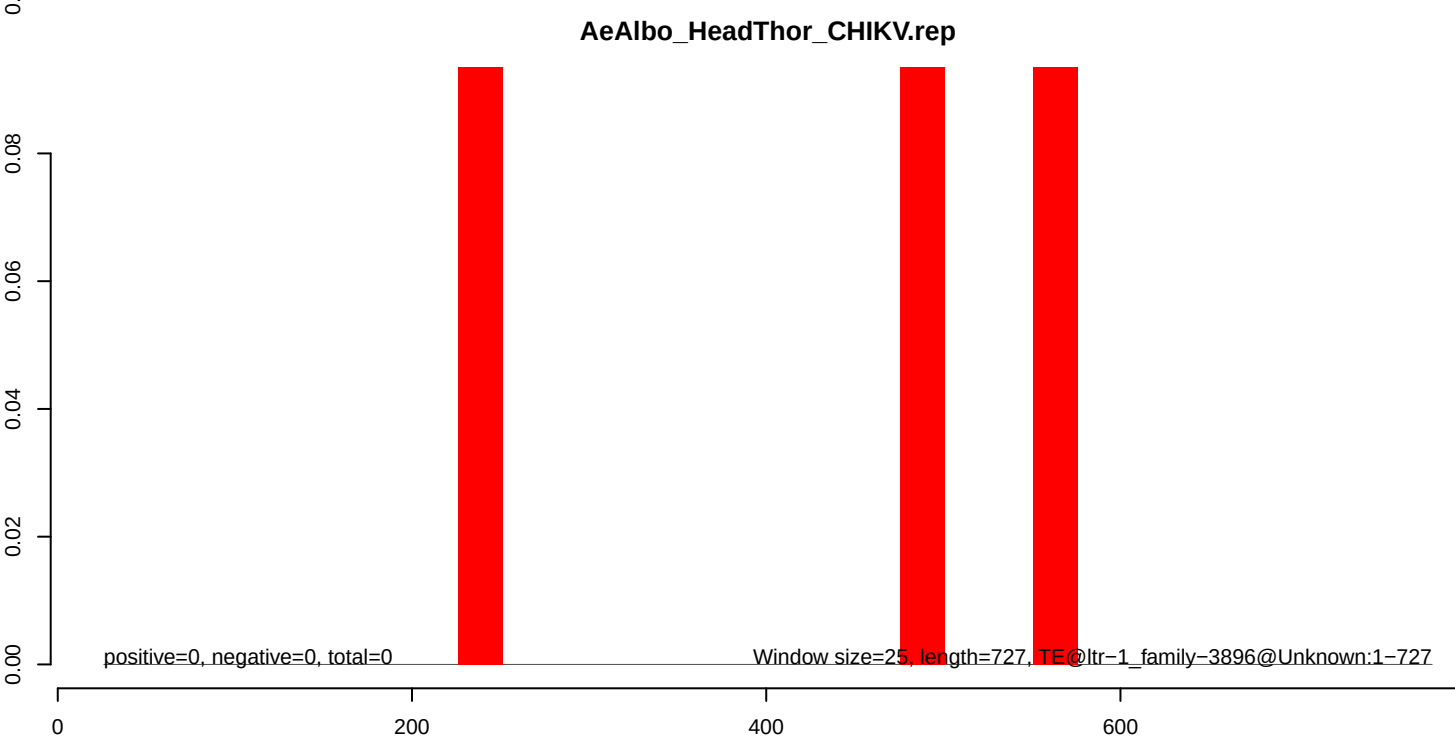

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=990, TE@ltr−1_family−4608@LTR_Gypsy:1−990
0
200
400
600
800
1000

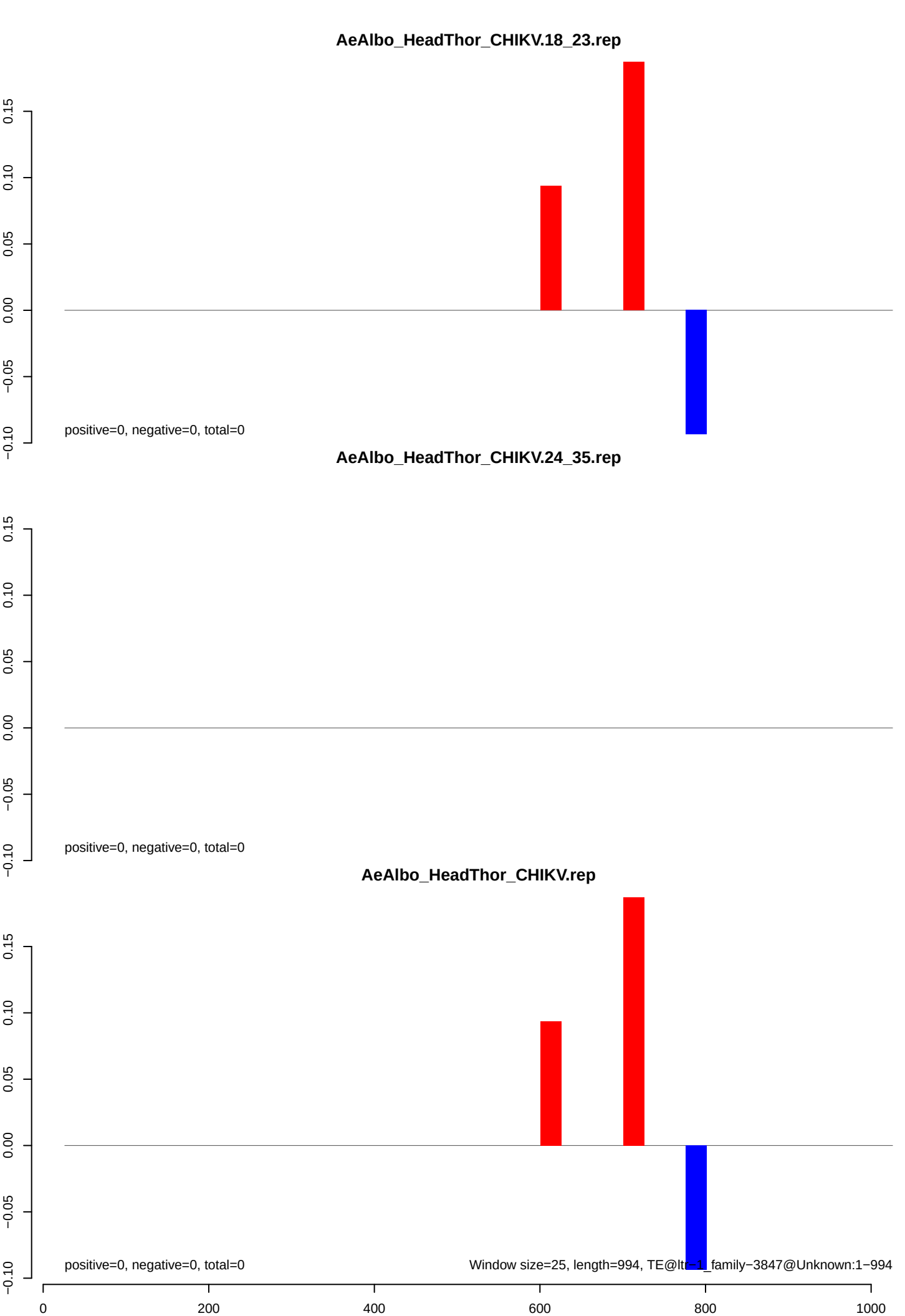

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1602, TE@ltr−1_family−4287@LTR_Gypsy:1−1602
0
500
1000
1500

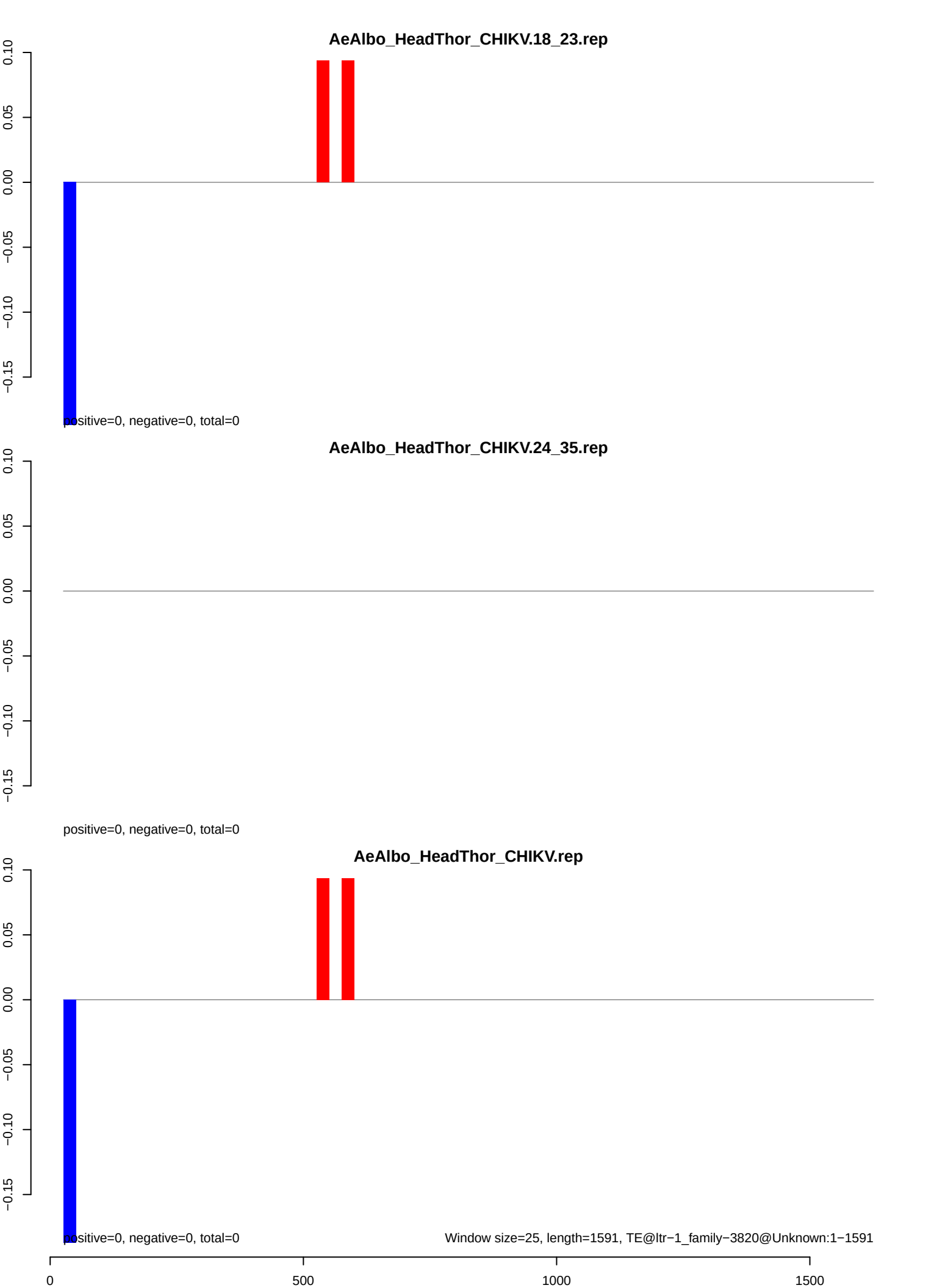

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1055, TE@ltr−1_family−3965@LTR_Gypsy:1−1055
0
200
400
600
800
1000

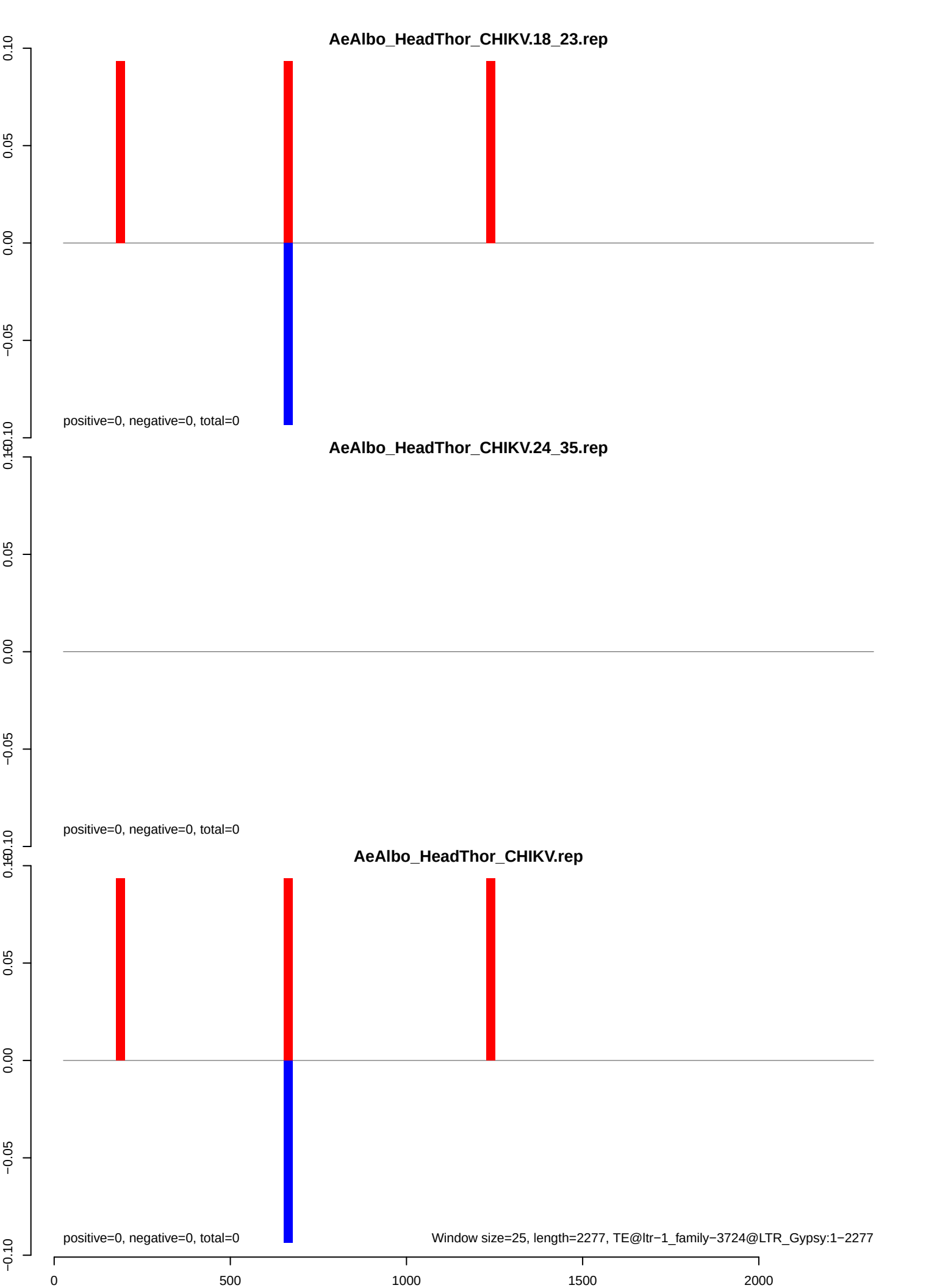

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

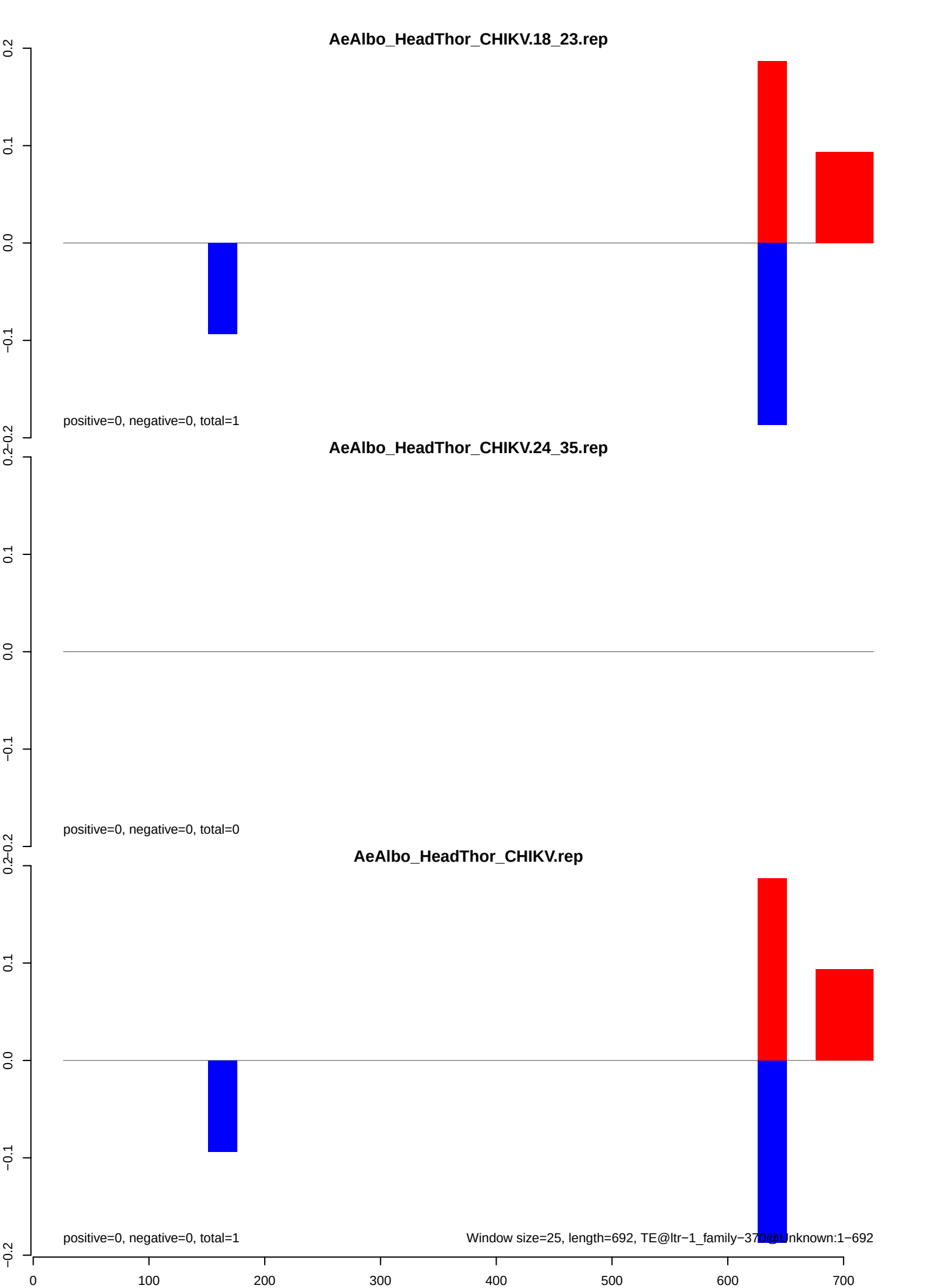

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

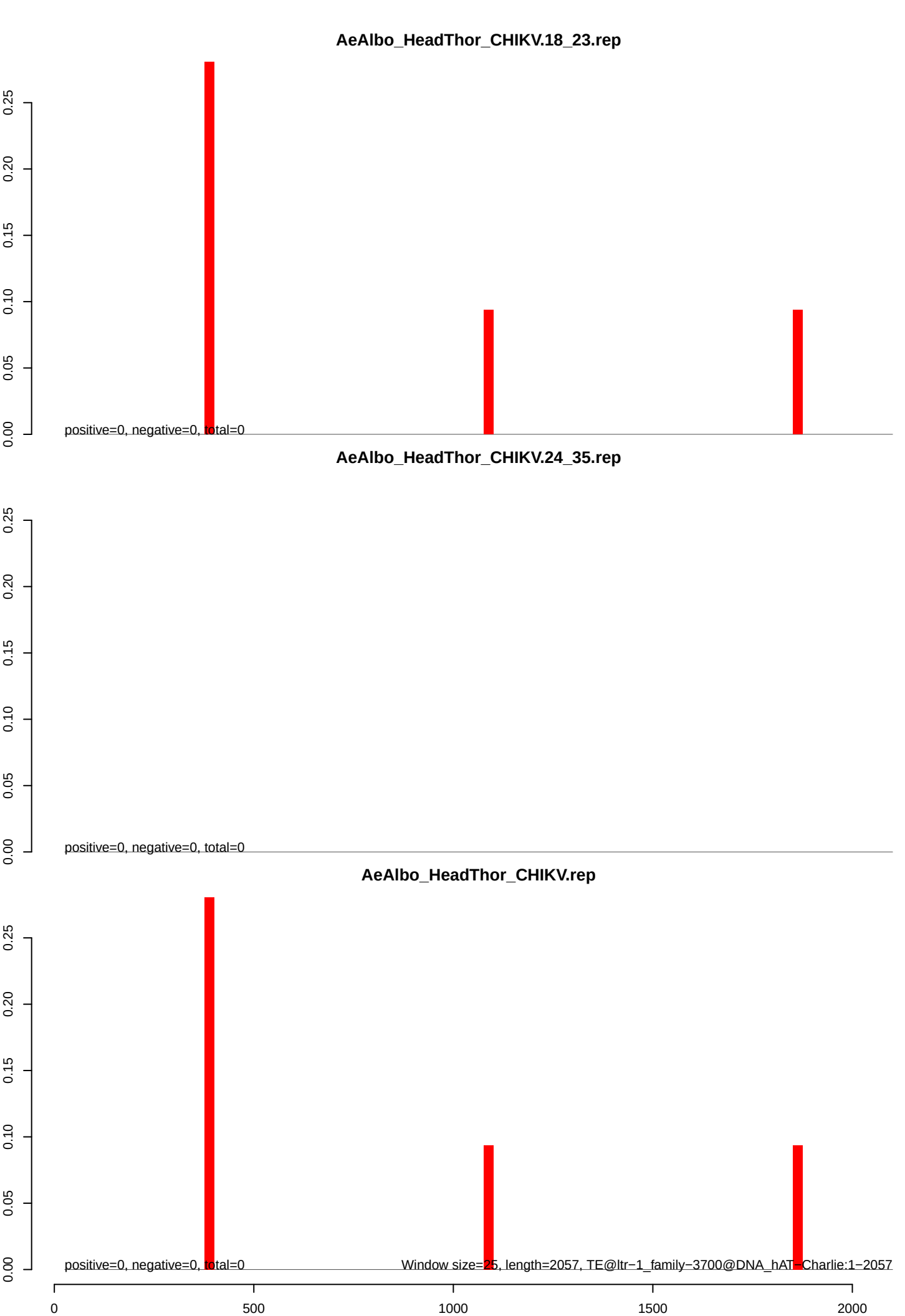

AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=727, TE@ltr−1_family−3896@Unknown:1−727
0
200
400
600
800

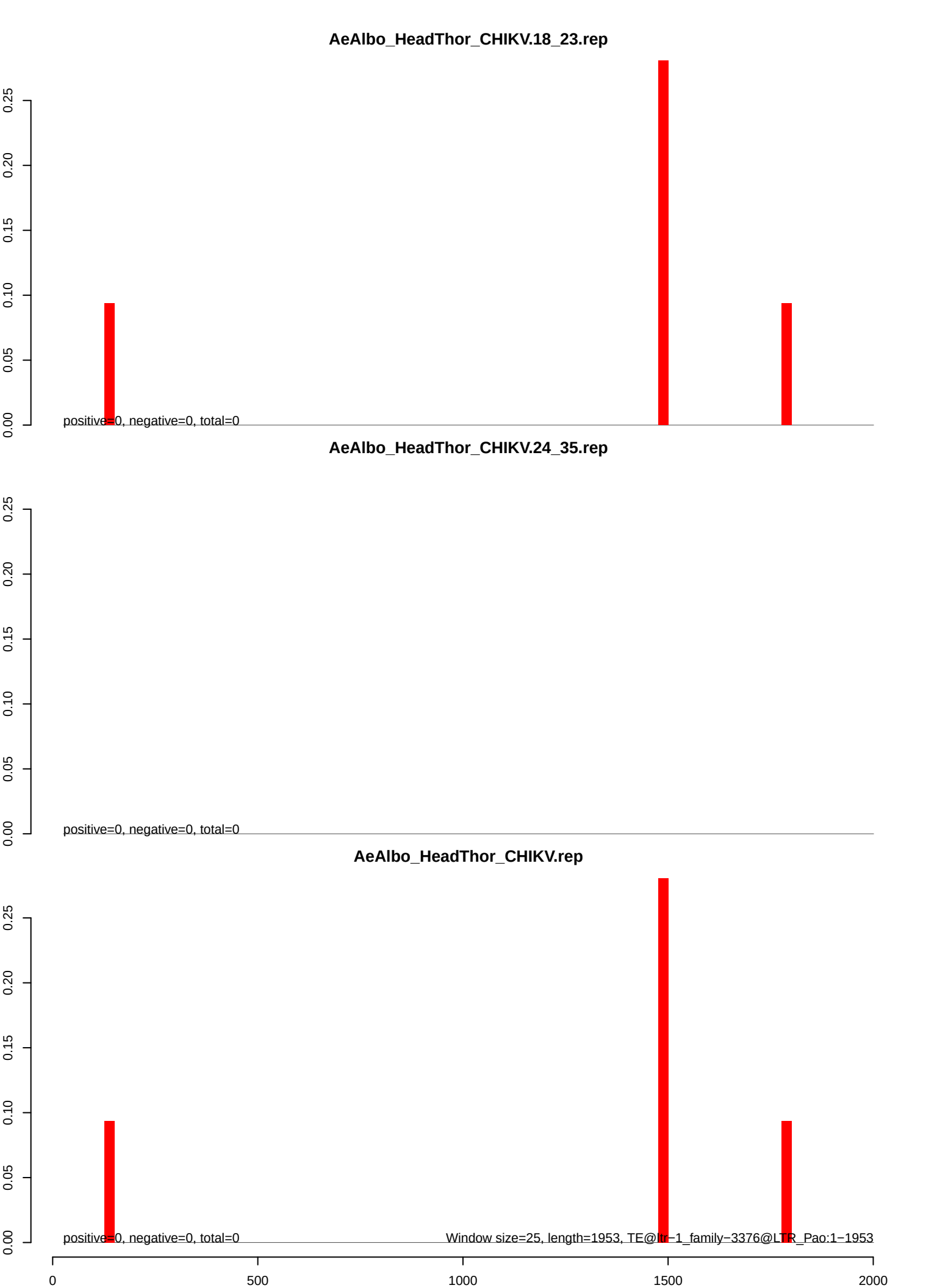

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=994, TE@lt
1_family−3847@Unknown:1−994
0
200
400
600
800
1000

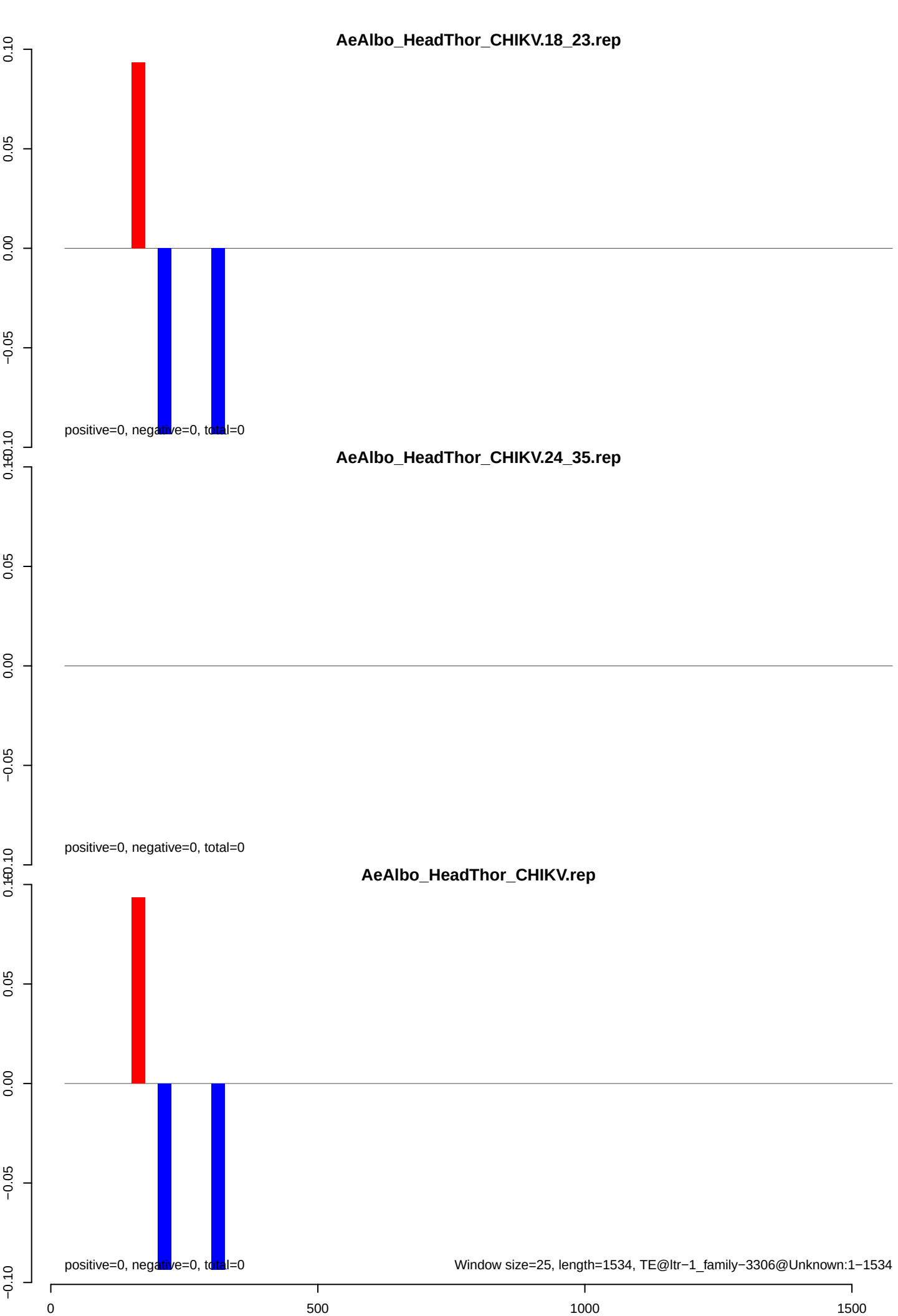

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1591, TE@ltr−1_family−3820@Unknown:1−1591
0
500
1000
1500

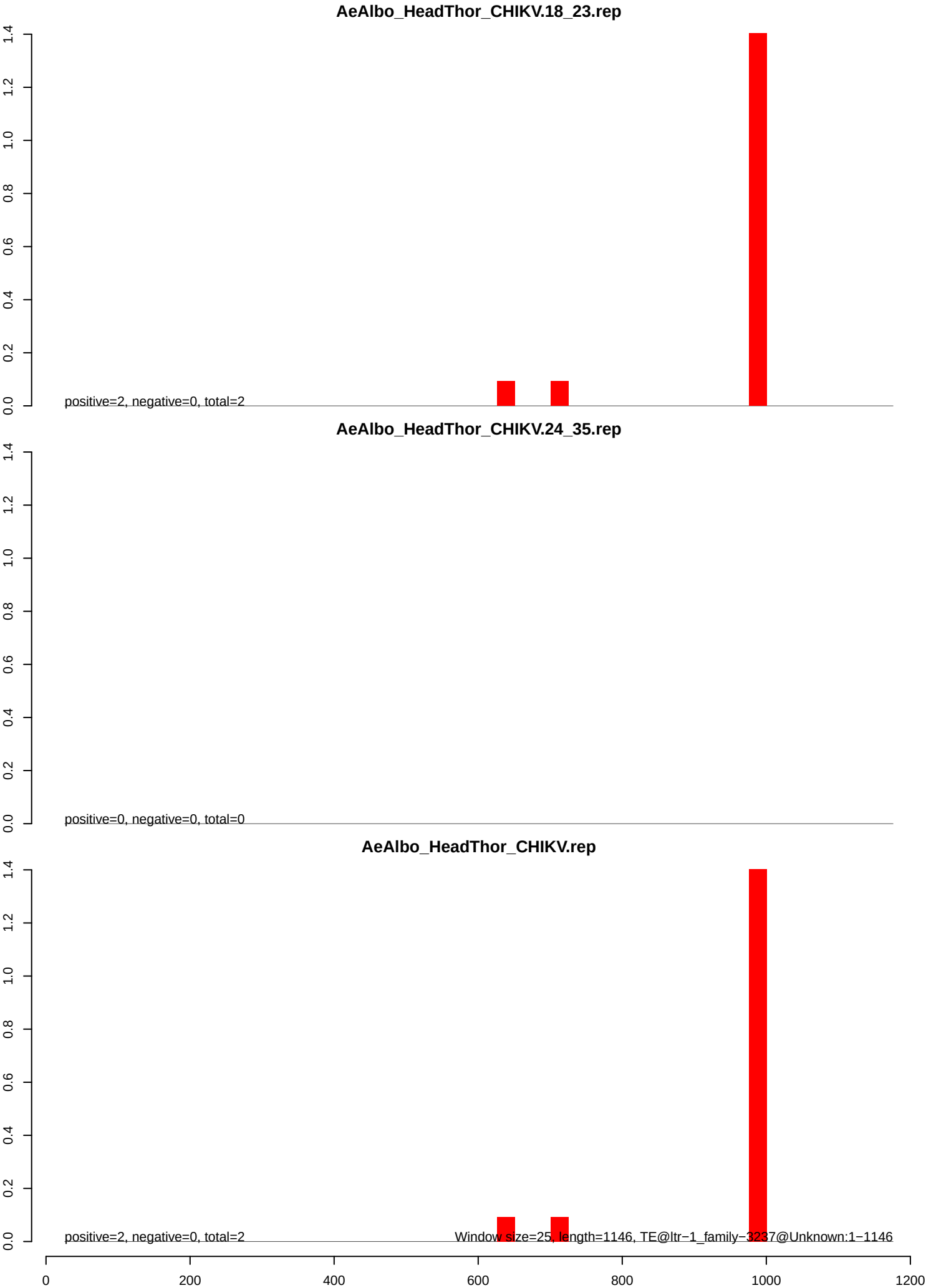

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=2277, TE@ltr−1_family−3724@LTR_Gypsy:1−2277
0
500
1000
1500
2000

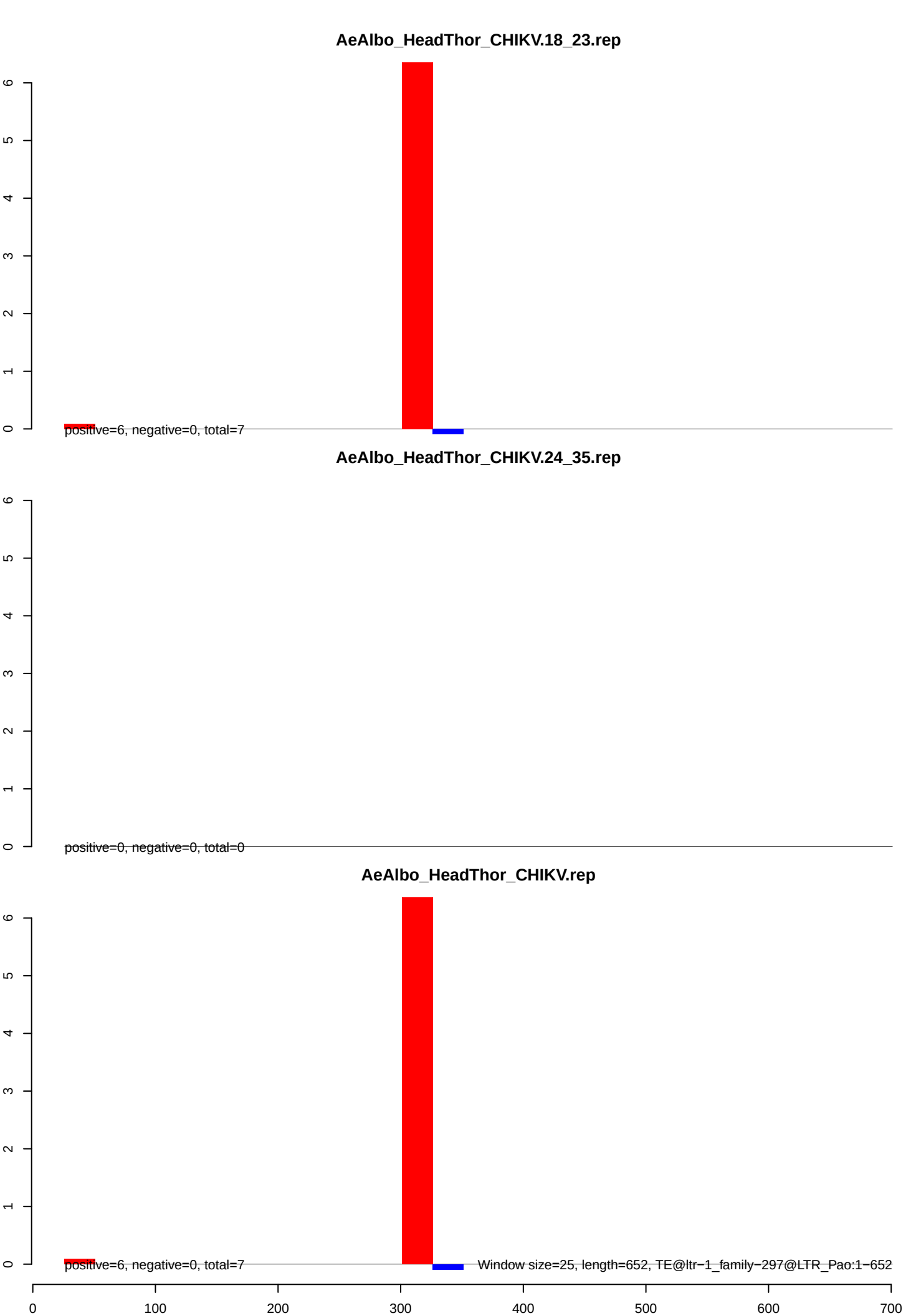

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=1
Window size=25, length=692, TE@ltr−1_family−370@Unknown:1−692
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400
500
600
700

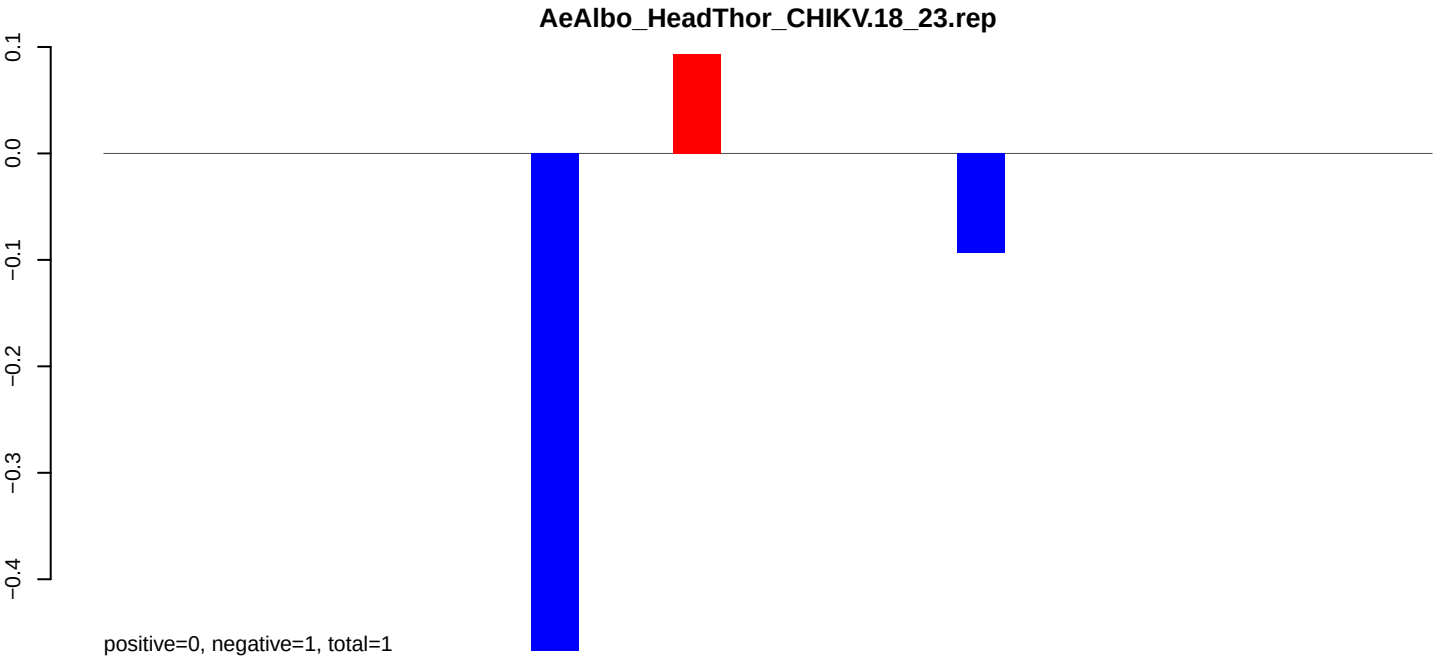

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
Window size=25, length=2057, TE@ltr−1_family−3700@DNA_hAT−Charlie:1−2057
0
500
1000
1500
2000

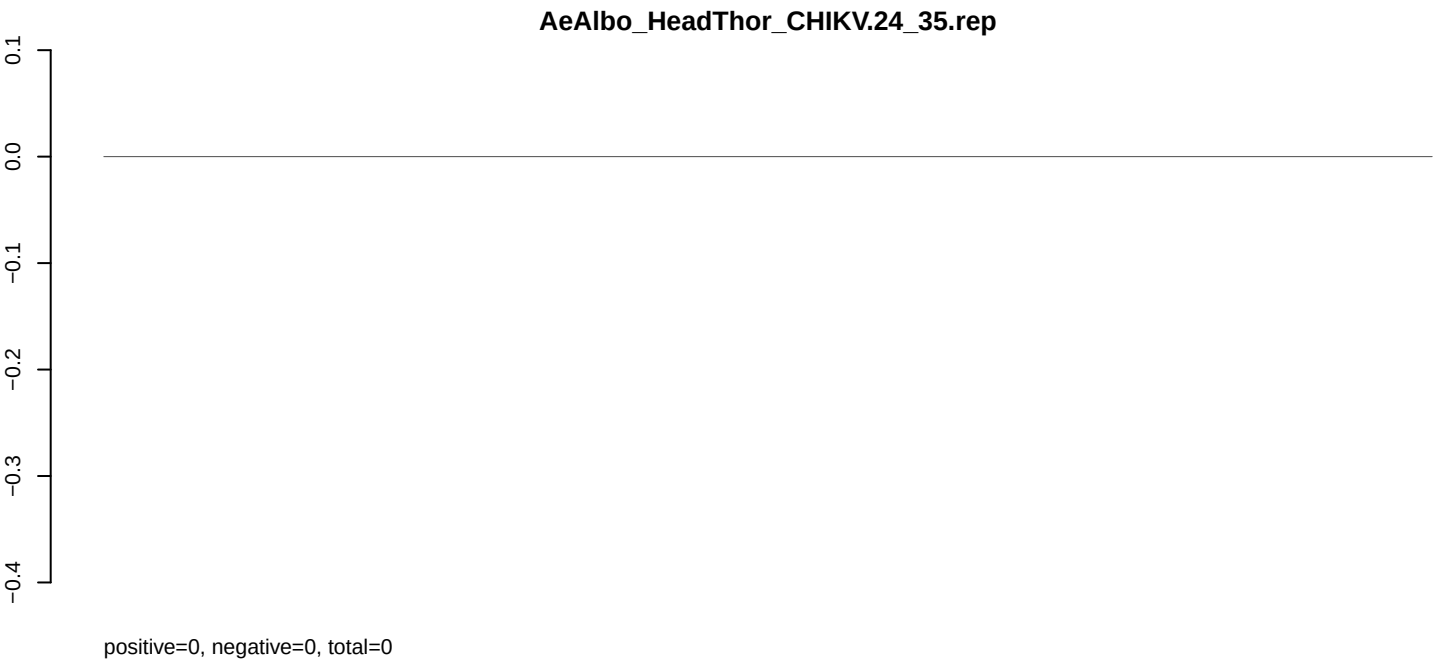

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
Window size=25, length=1953, TE@ltr−1_family−3376@LTR_Pao:1−1953
0
500
1000
1500
2000

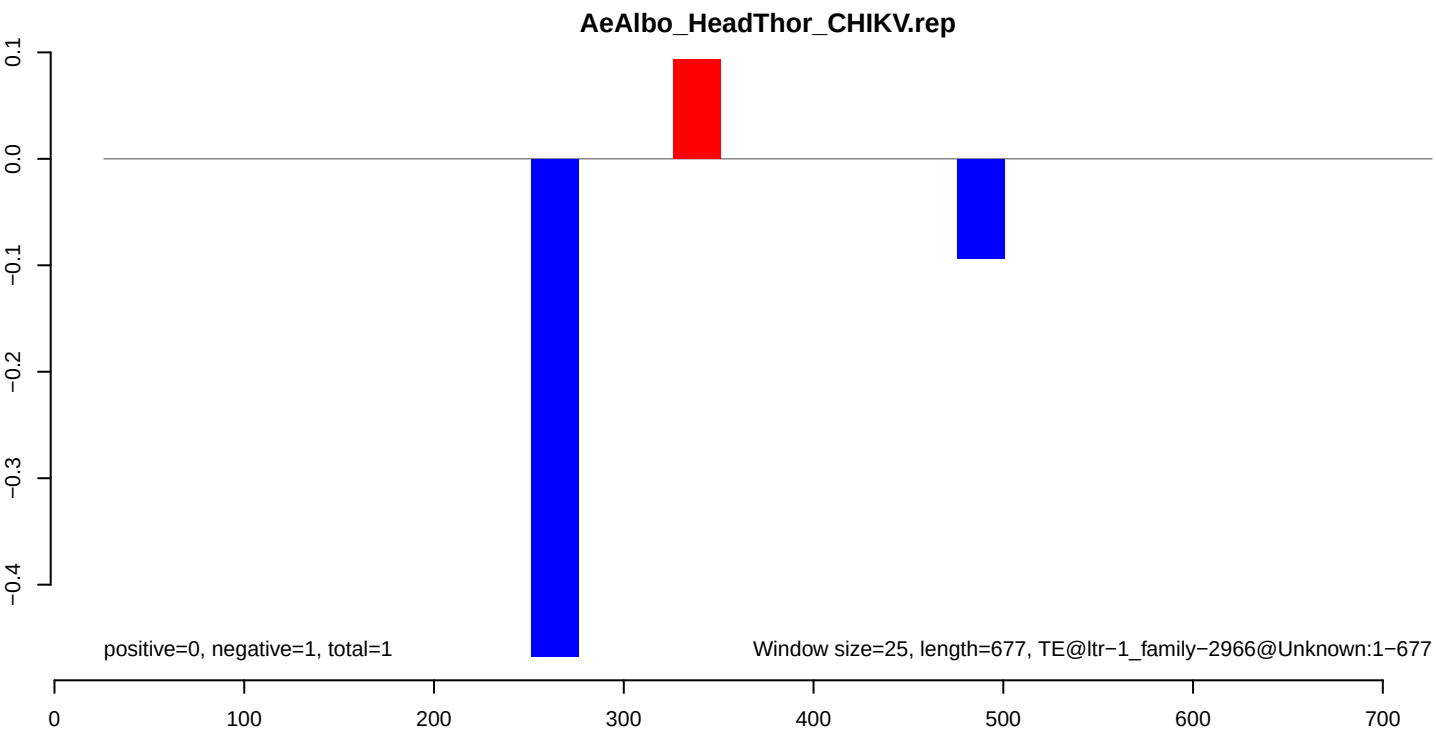

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1534, TE@ltr−1_family−3306@Unknown:1−1534
0
500
1000
1500

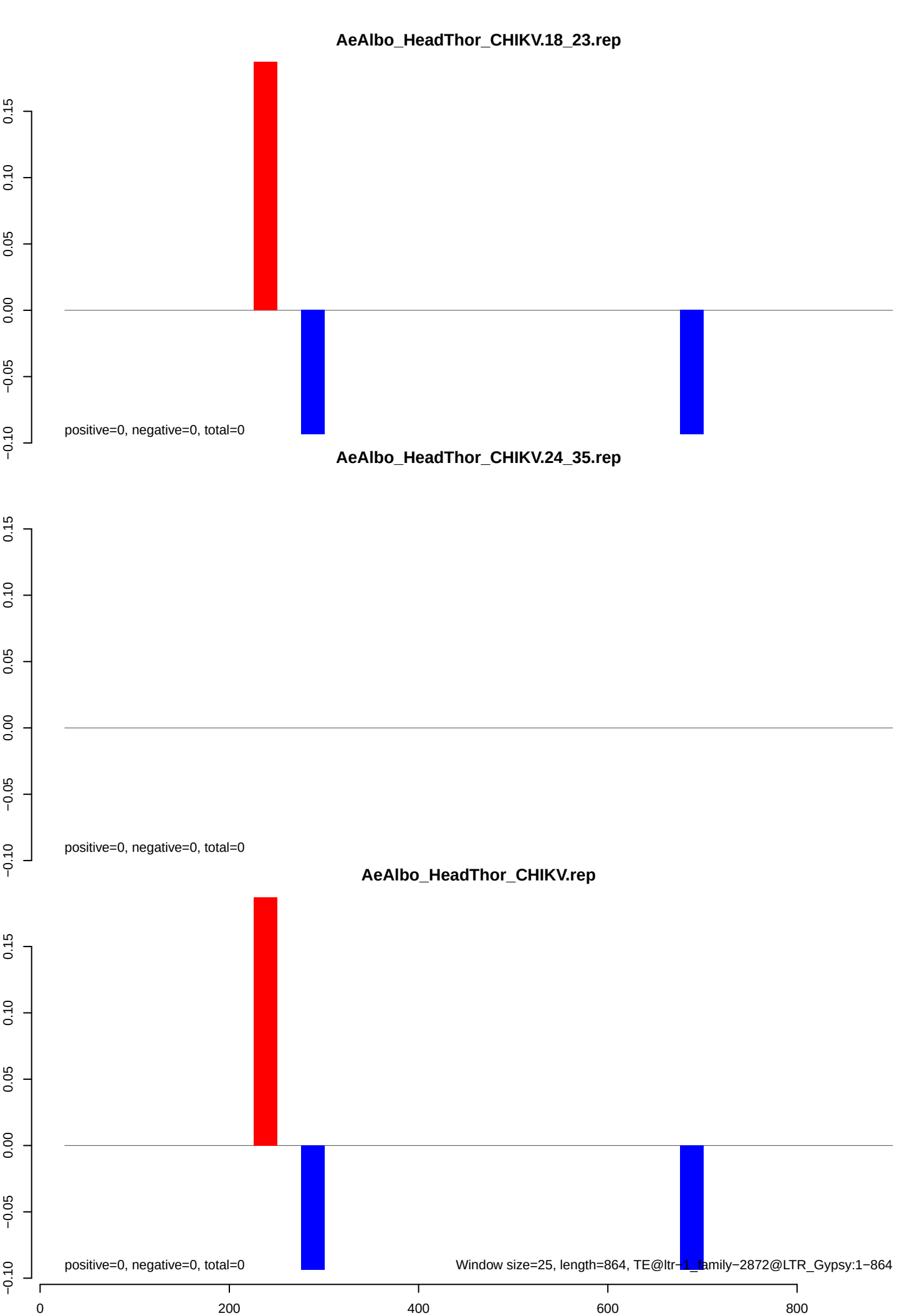

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=2, negative=0, total=2
Window size=25, length=1146, TE@ltr−1_family−3237@Unknown:1−1146
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
200
400
600
800
1000
1200

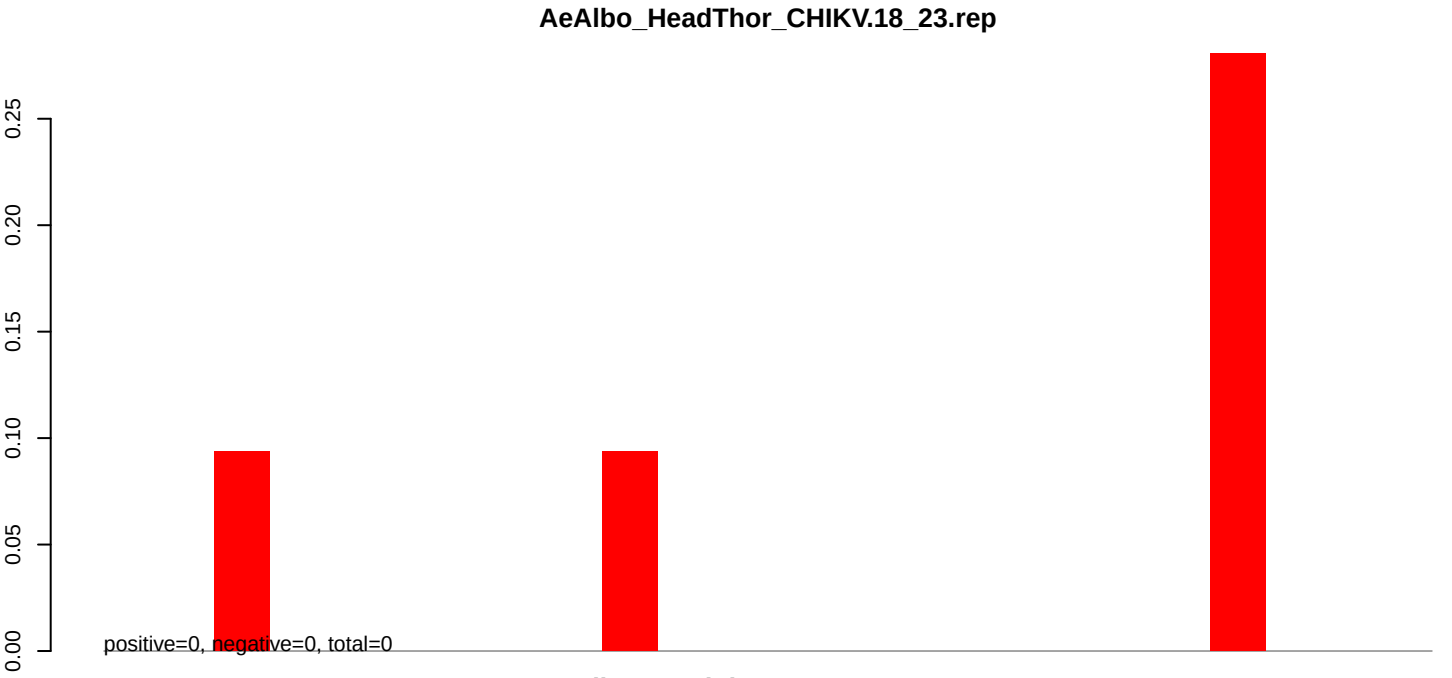

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=6, negative=0, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=6, negative=0, total=7
Window size=25, length=652, TE@ltr−1_family−297@LTR_Pao:1−652
0
100
200
300
400
500
600
700

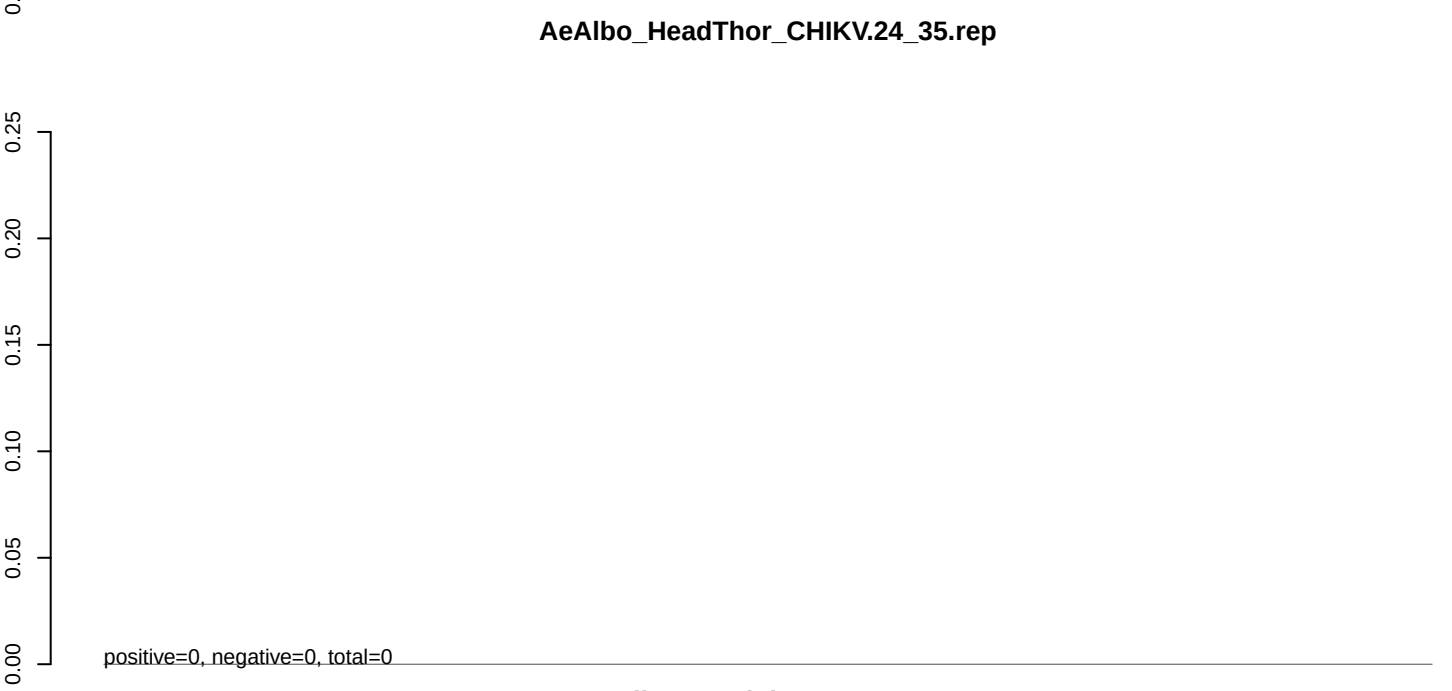

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1

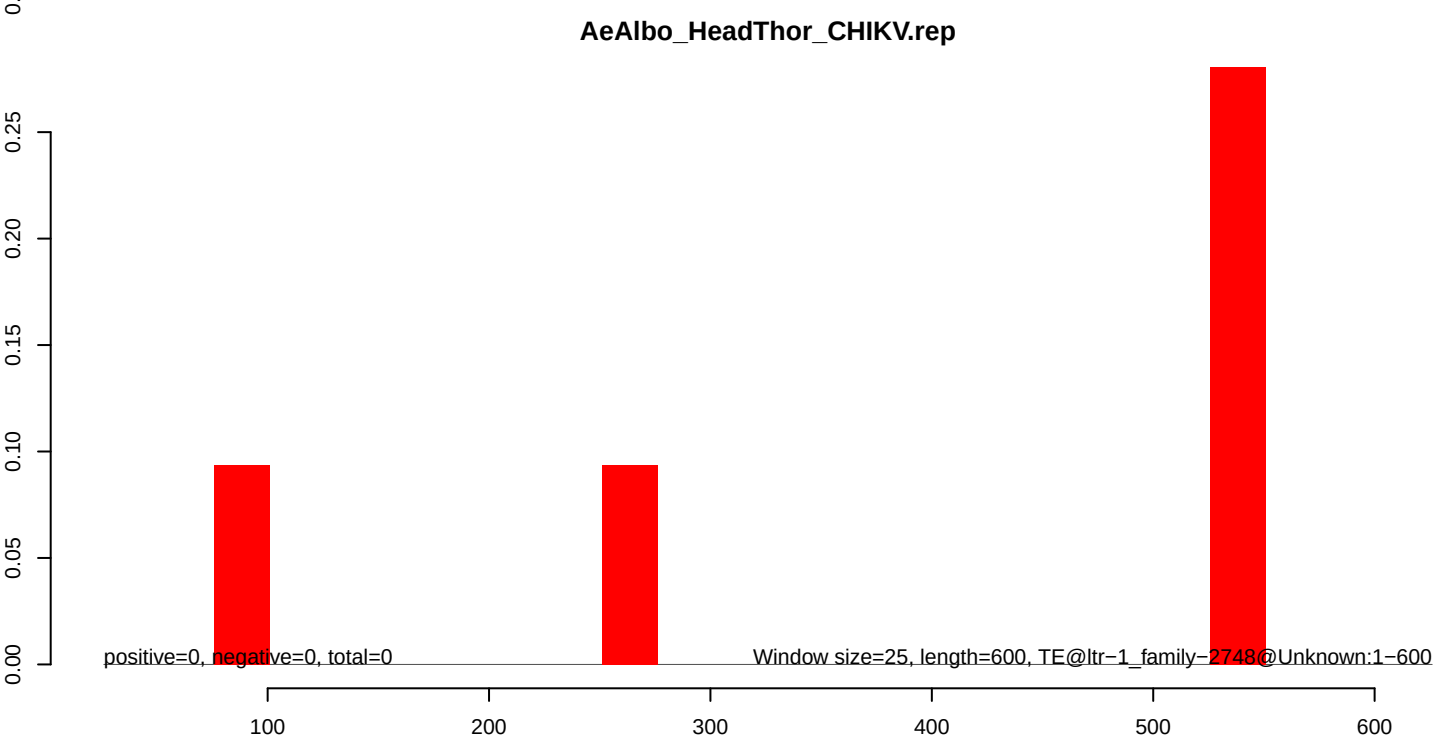

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

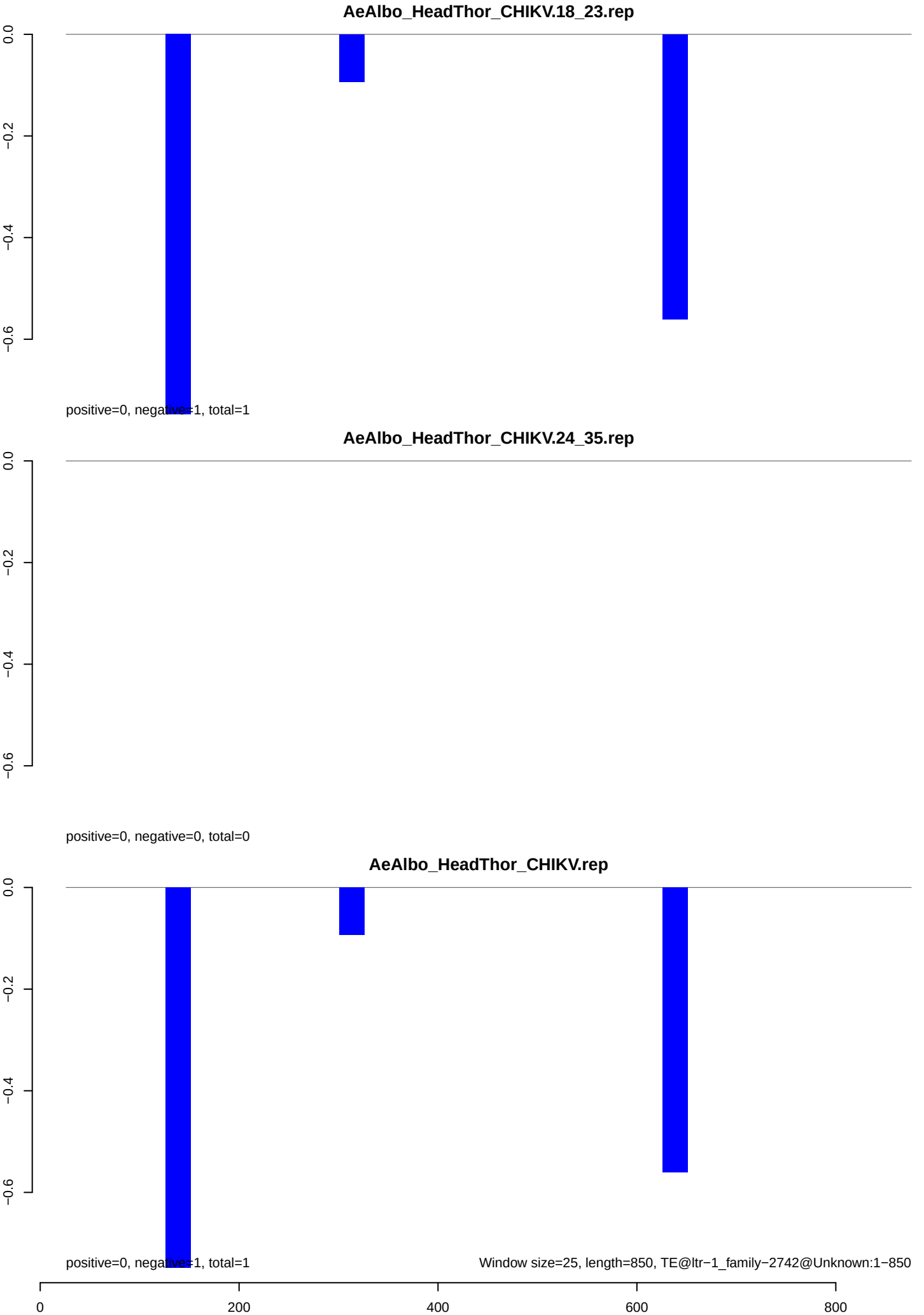

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=677, TE@ltr−1_family−2966@Unknown:1−677
0
100
200
300
400
500
600
700

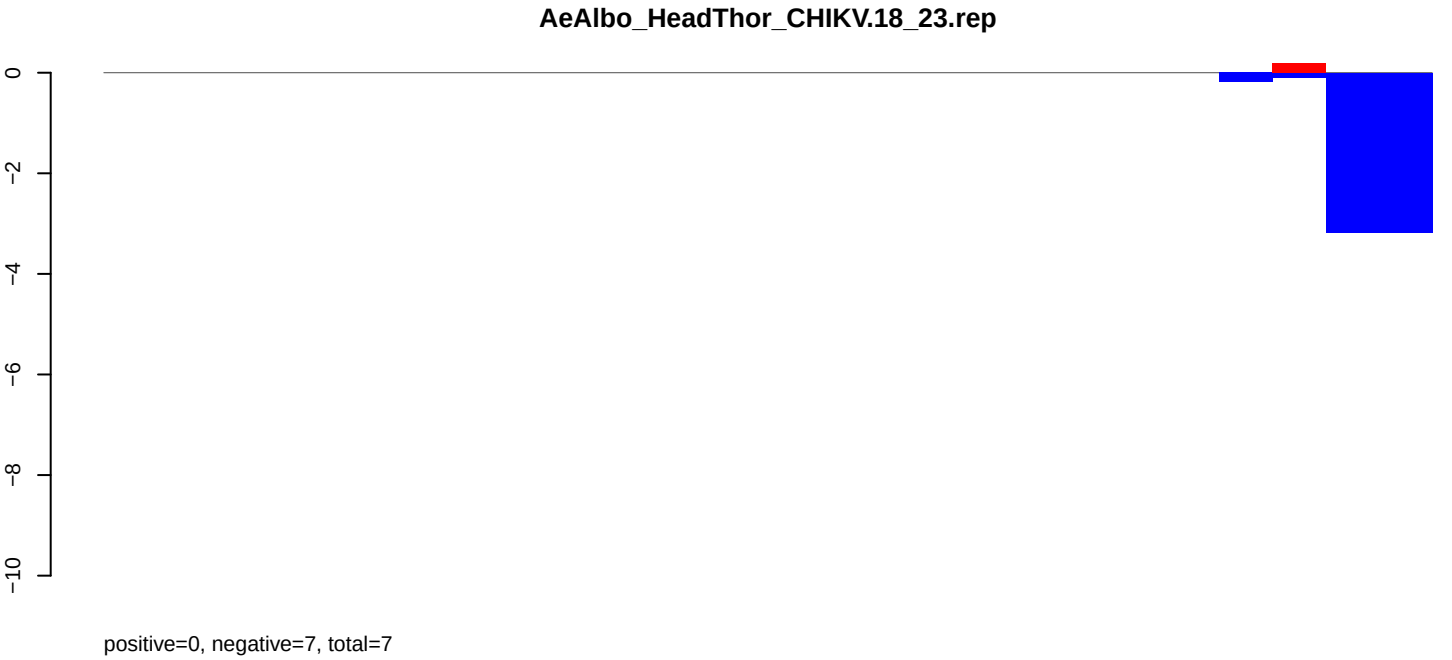

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=864, TE@ltr−1_family−2872@LTR_Gypsy:1−864
0
200
400
600
800

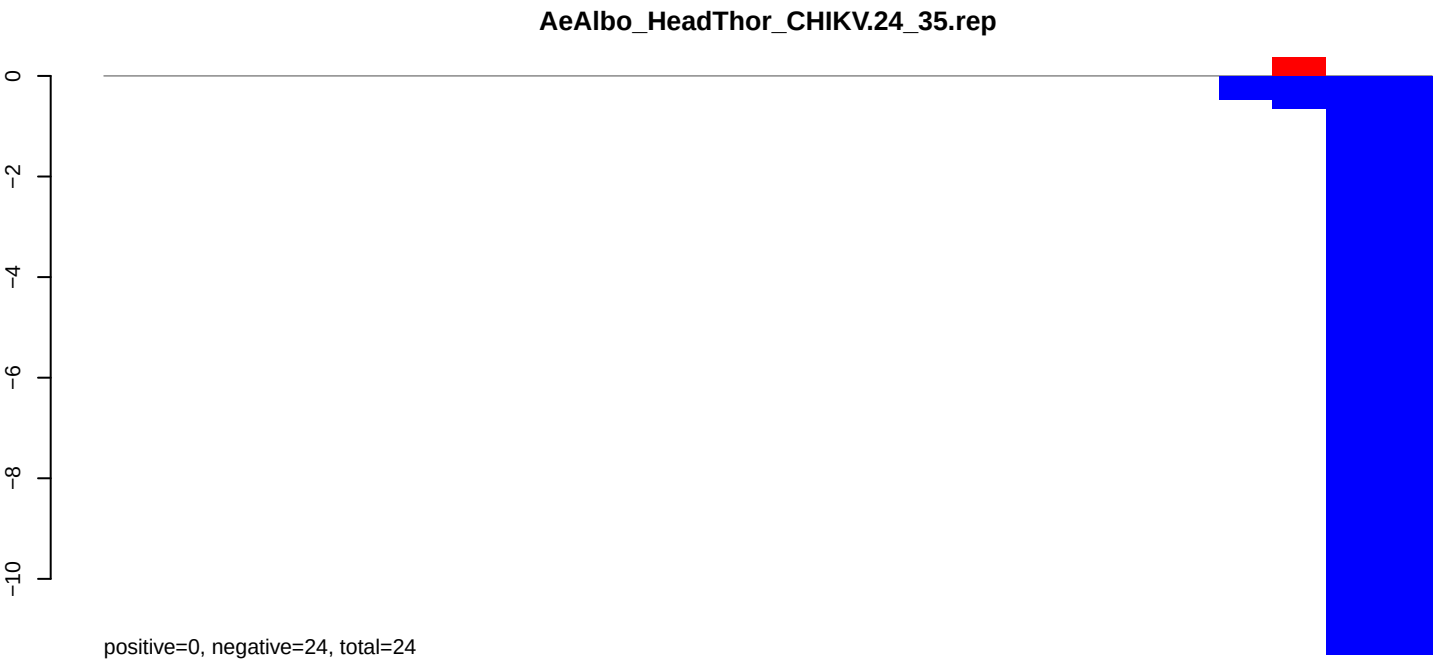

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0

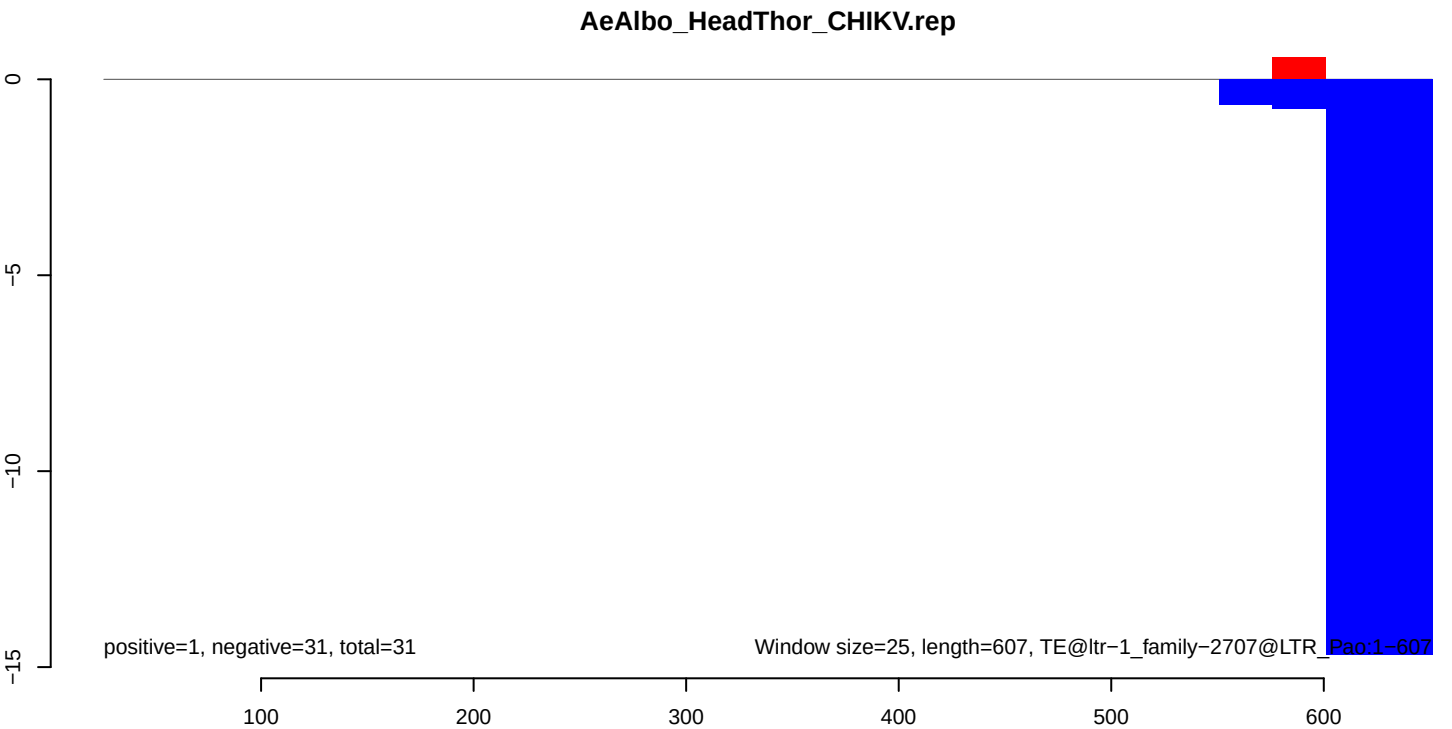

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0

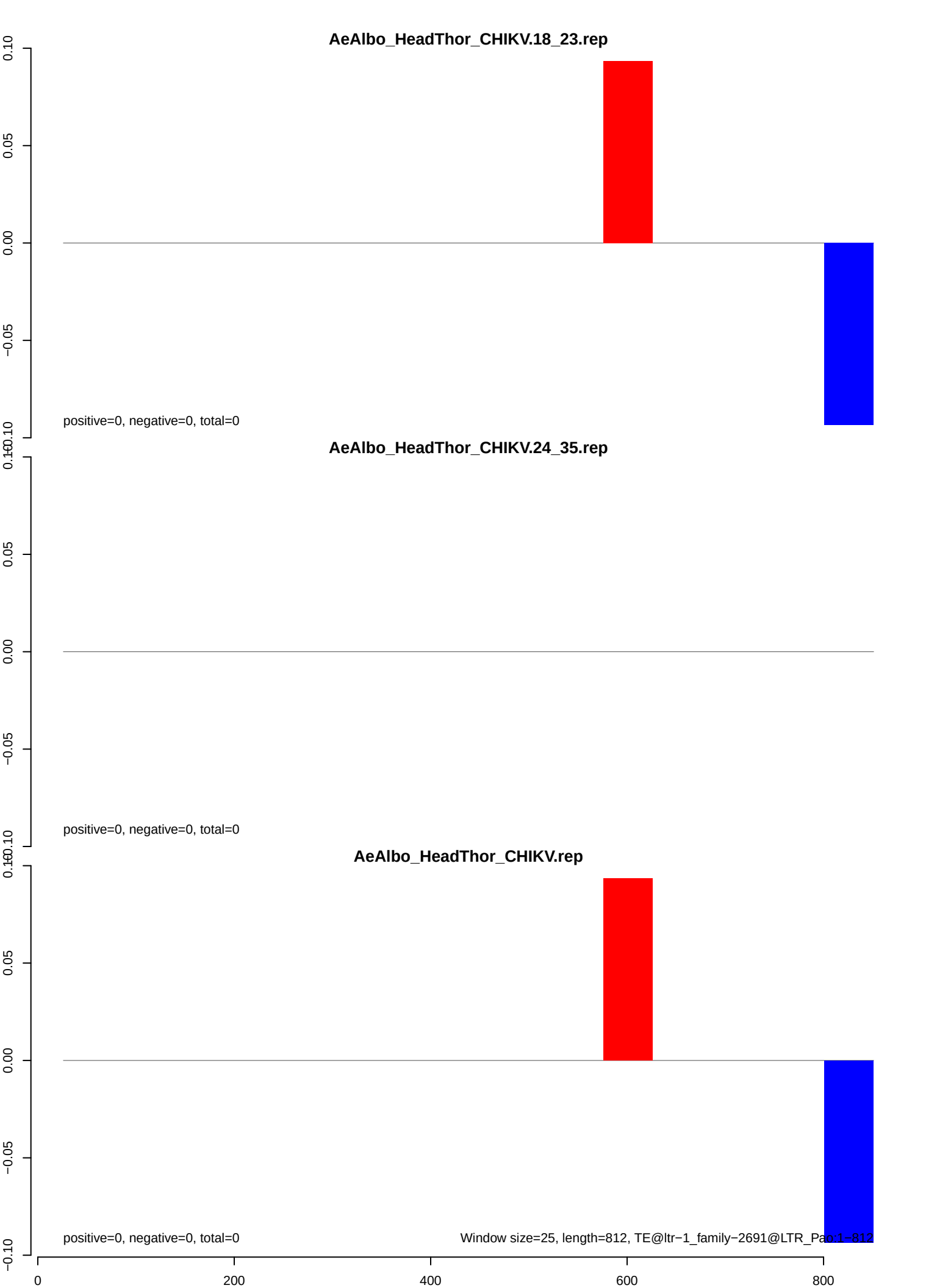

AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
Window size=25, length=600, TE@ltr−1_family−2748@Unknown:1−600
100
200
300
400
500
600

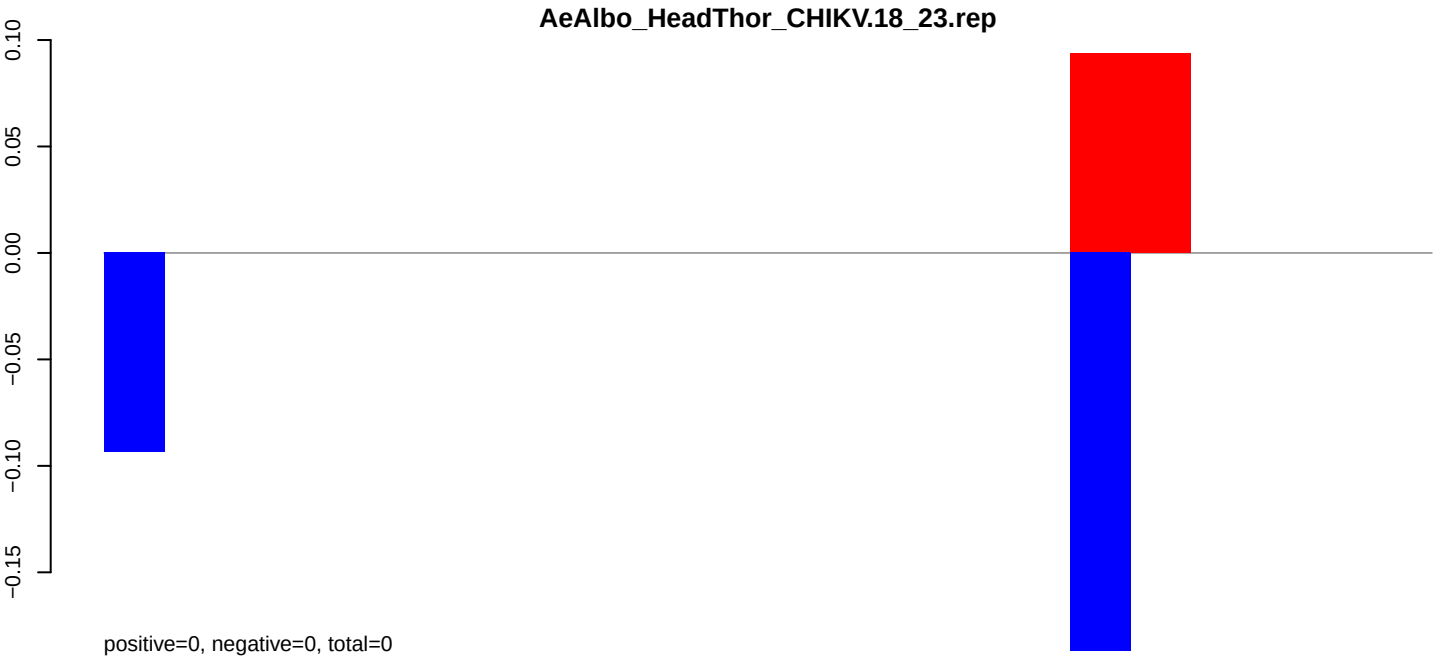

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=850, TE@ltr−1_family−2742@Unknown:1−850
0
200
400
600
800

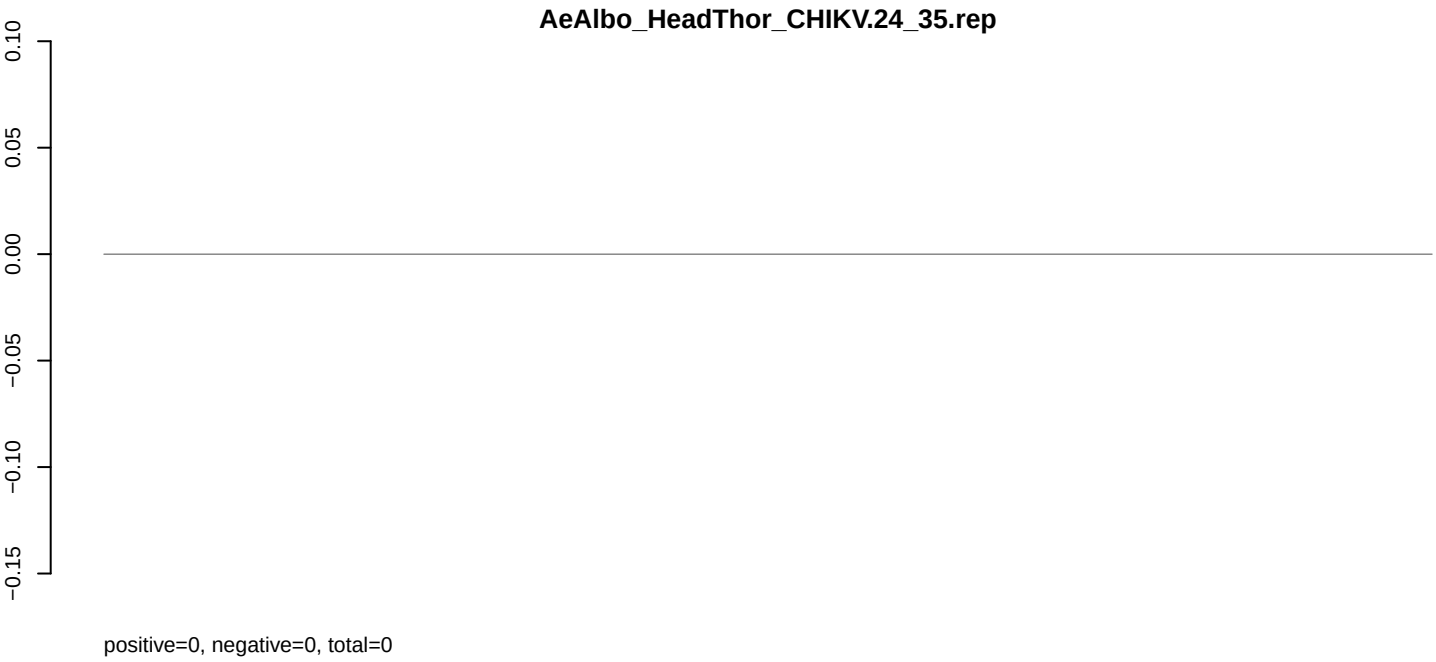

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
positive=0, negative=7, total=7

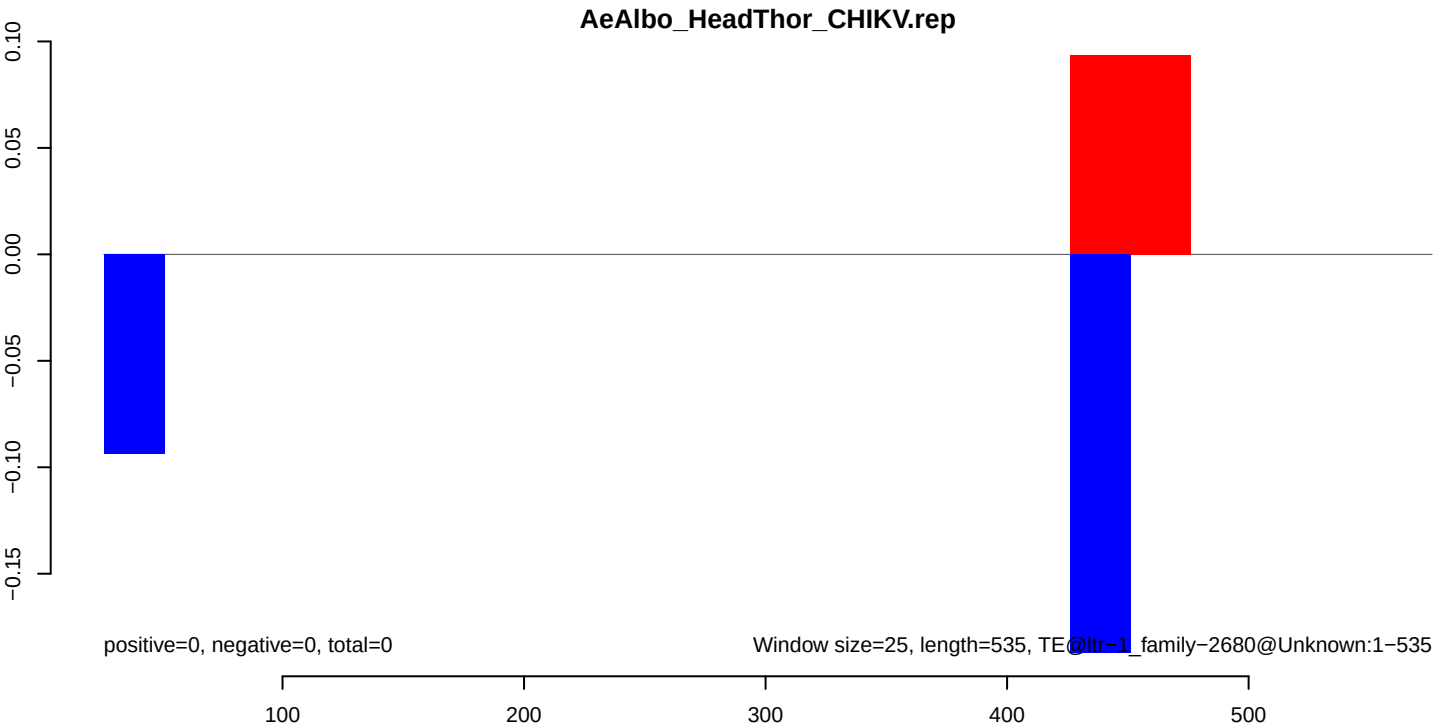

AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
positive=0, negative=24, total=24

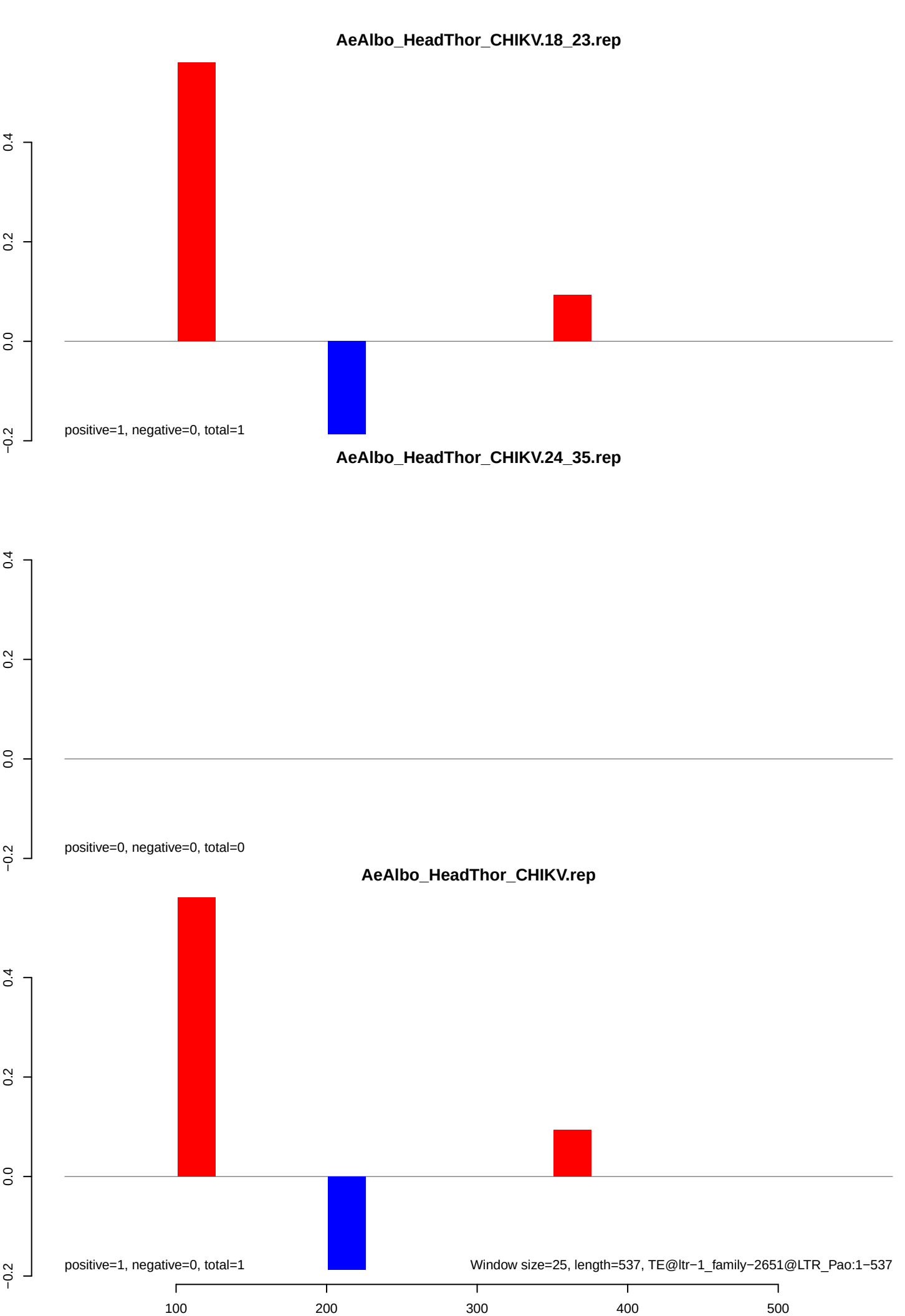

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
positive=1, negative=31, total=31
Window size=25, length=607, TE@ltr−1_family−2707@LTR_Pao:1−607
100
200
300
400
500
600

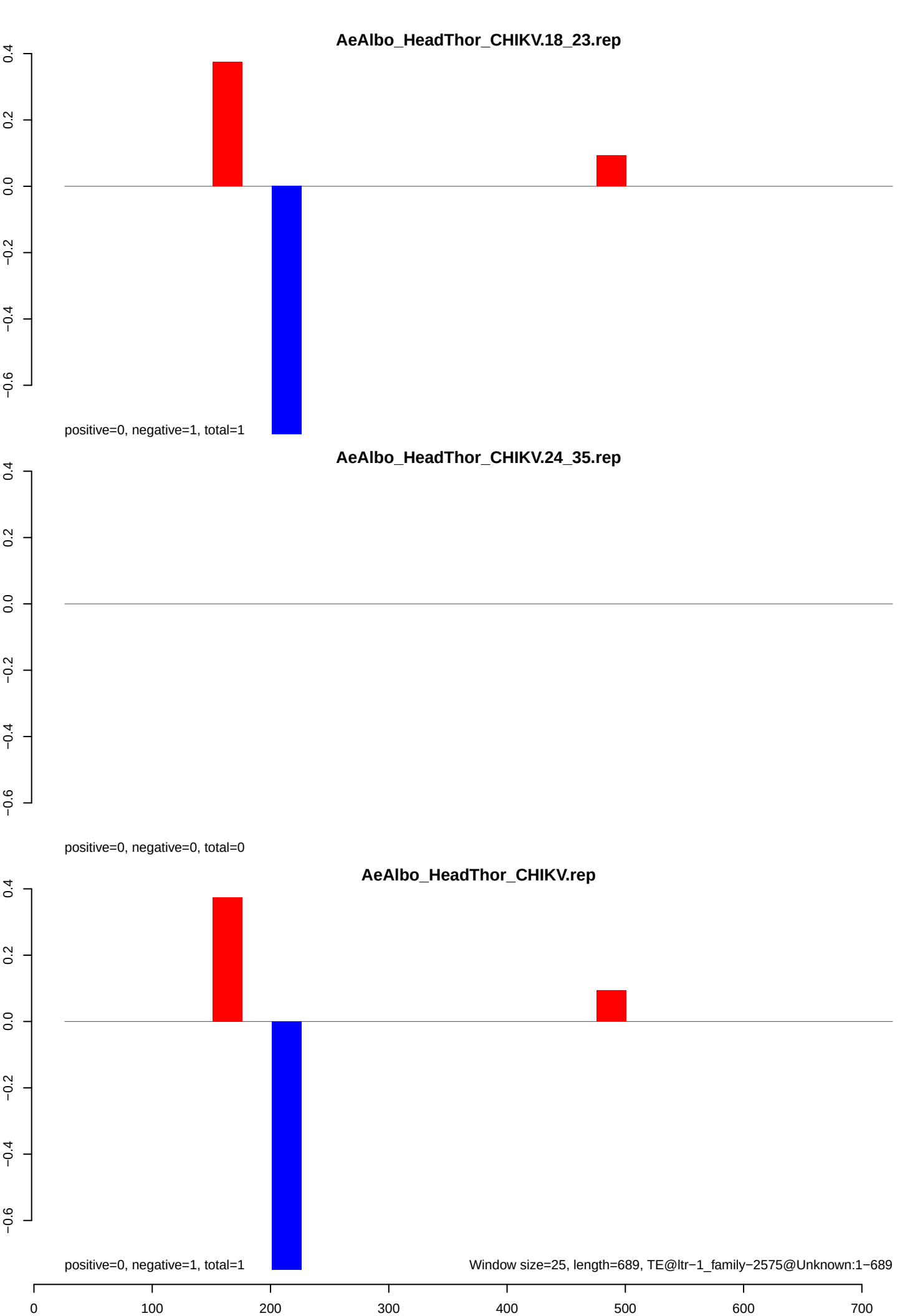

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=812, TE@ltr−1_family−2691@LTR_Pao:1−812
0
200
400
600
800

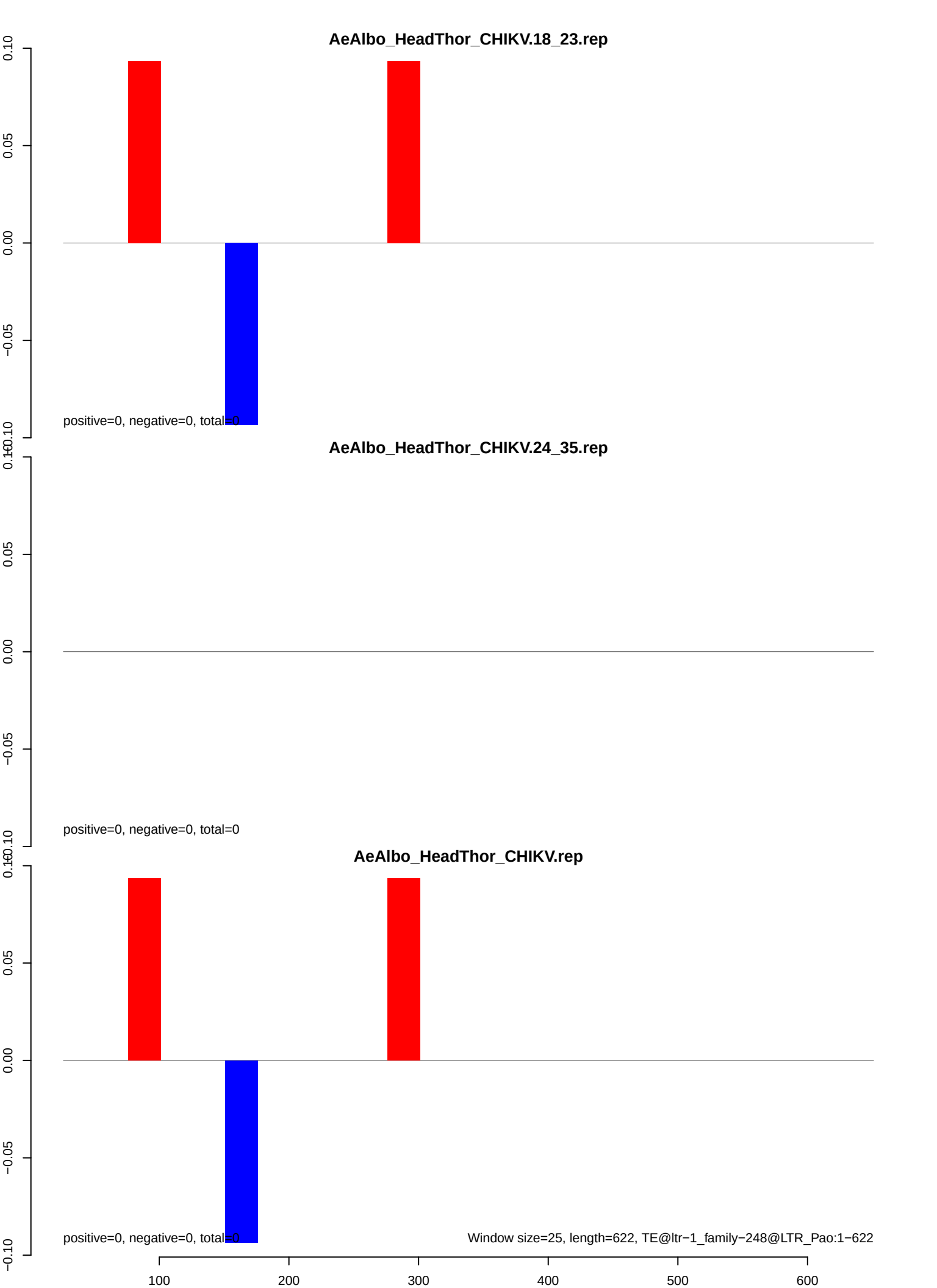

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

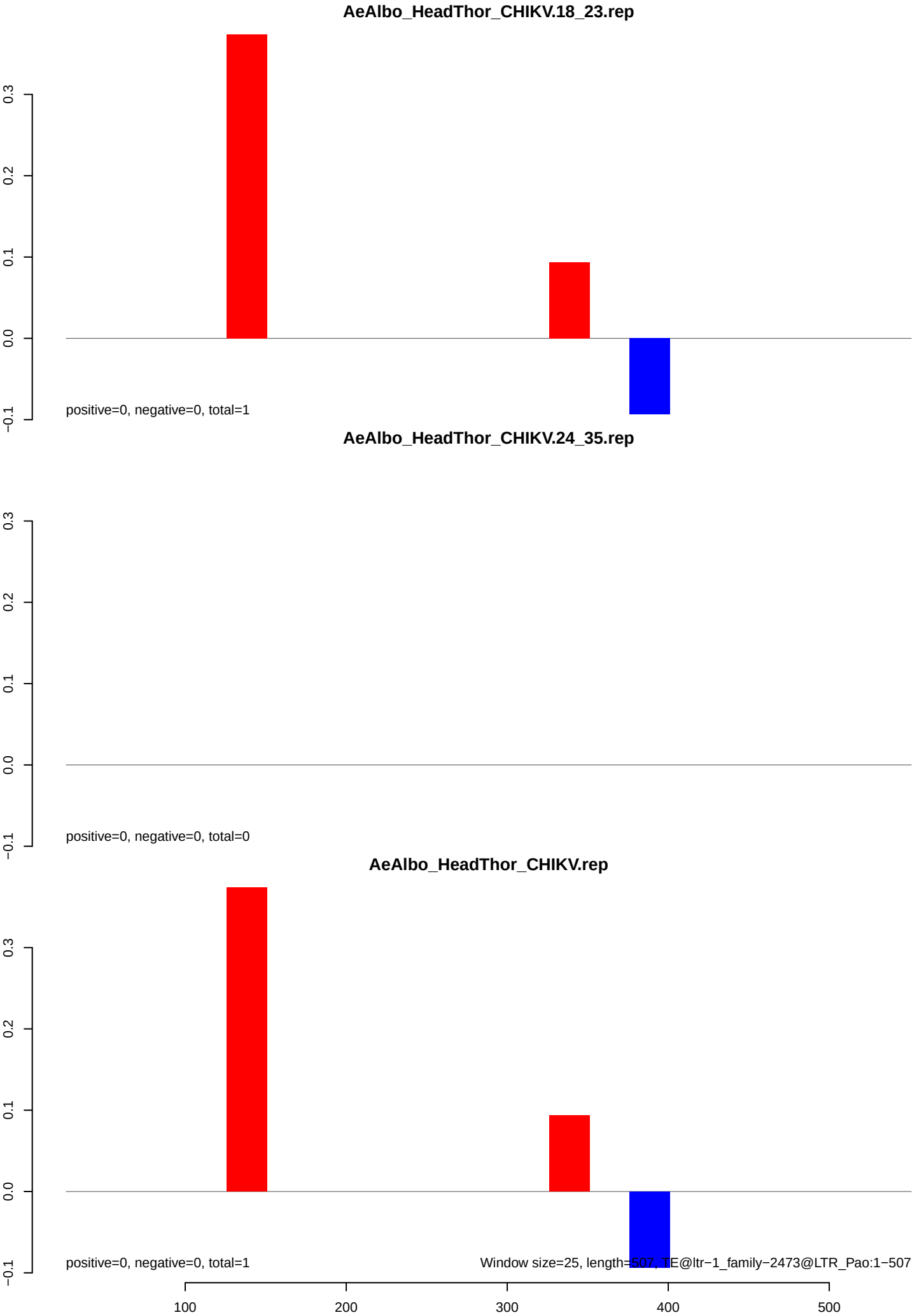

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

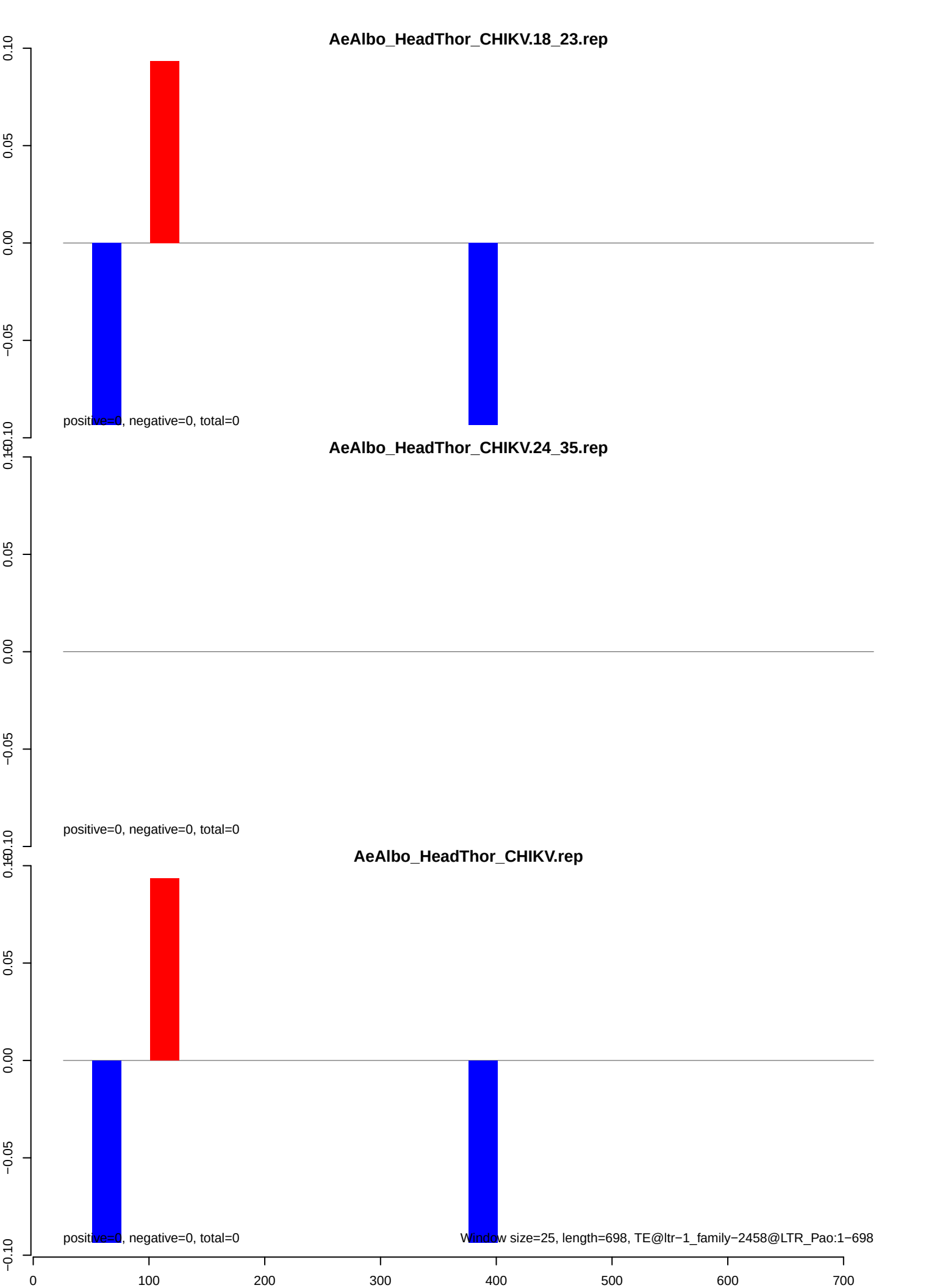

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=535, TE@ltr−1_family−2680@Unknown:1−535
100
200
300
400
500

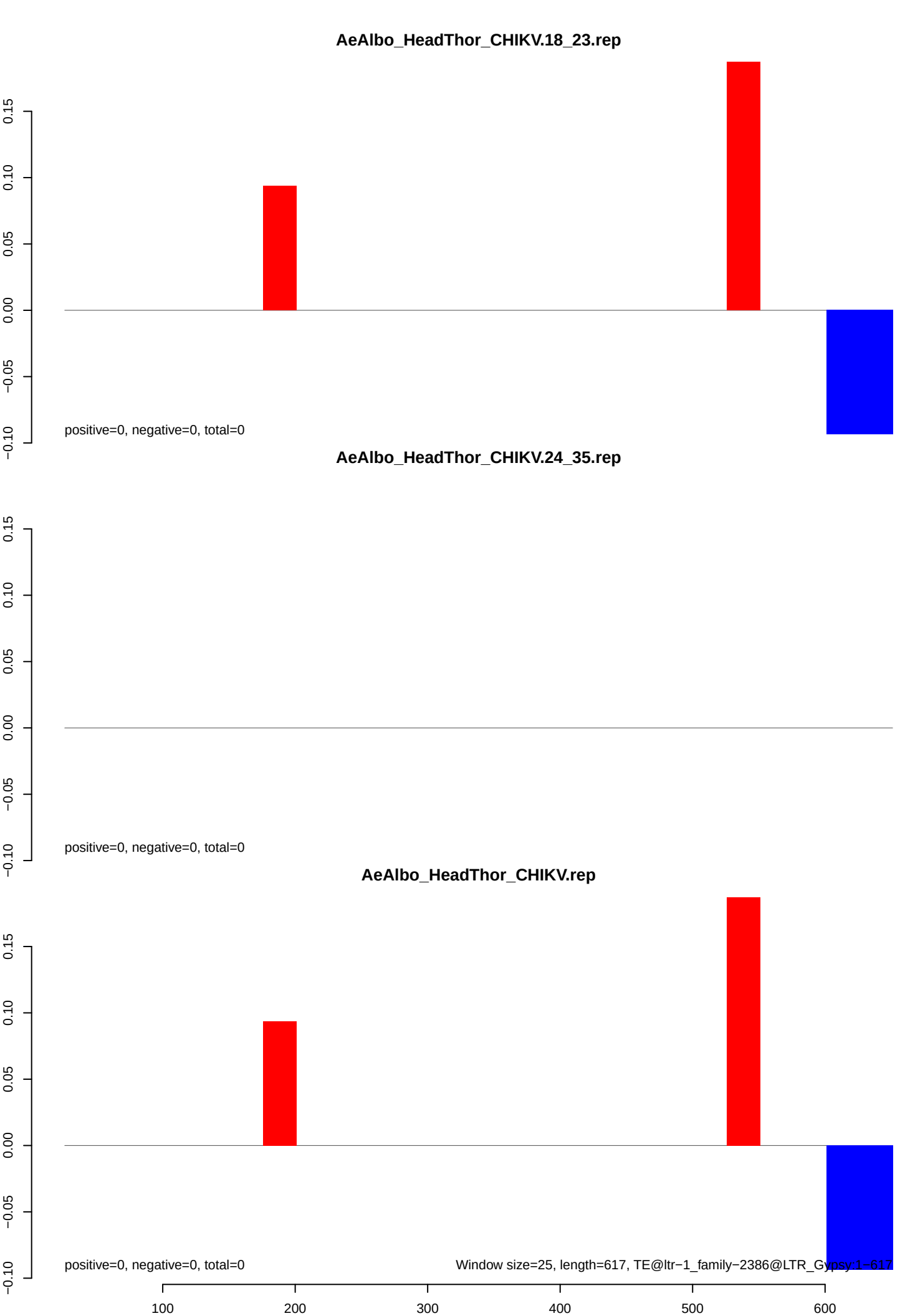

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
Window size=25, length=537, TE@ltr−1_family−2651@LTR_Pao:1−537
100
200
300
400
500

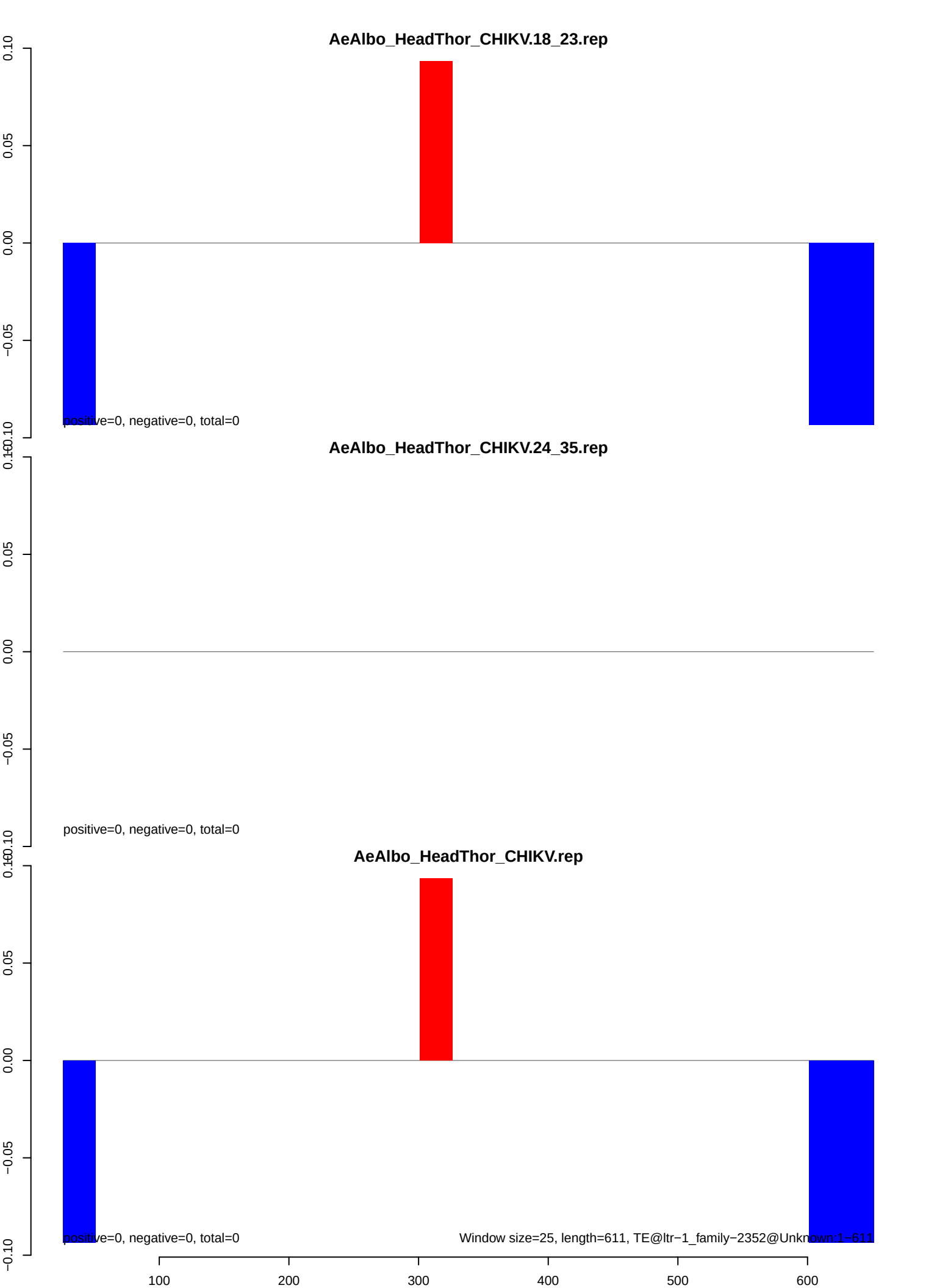

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=689, TE@ltr−1_family−2575@Unknown:1−689
0
100
200
300
400
500
600
700

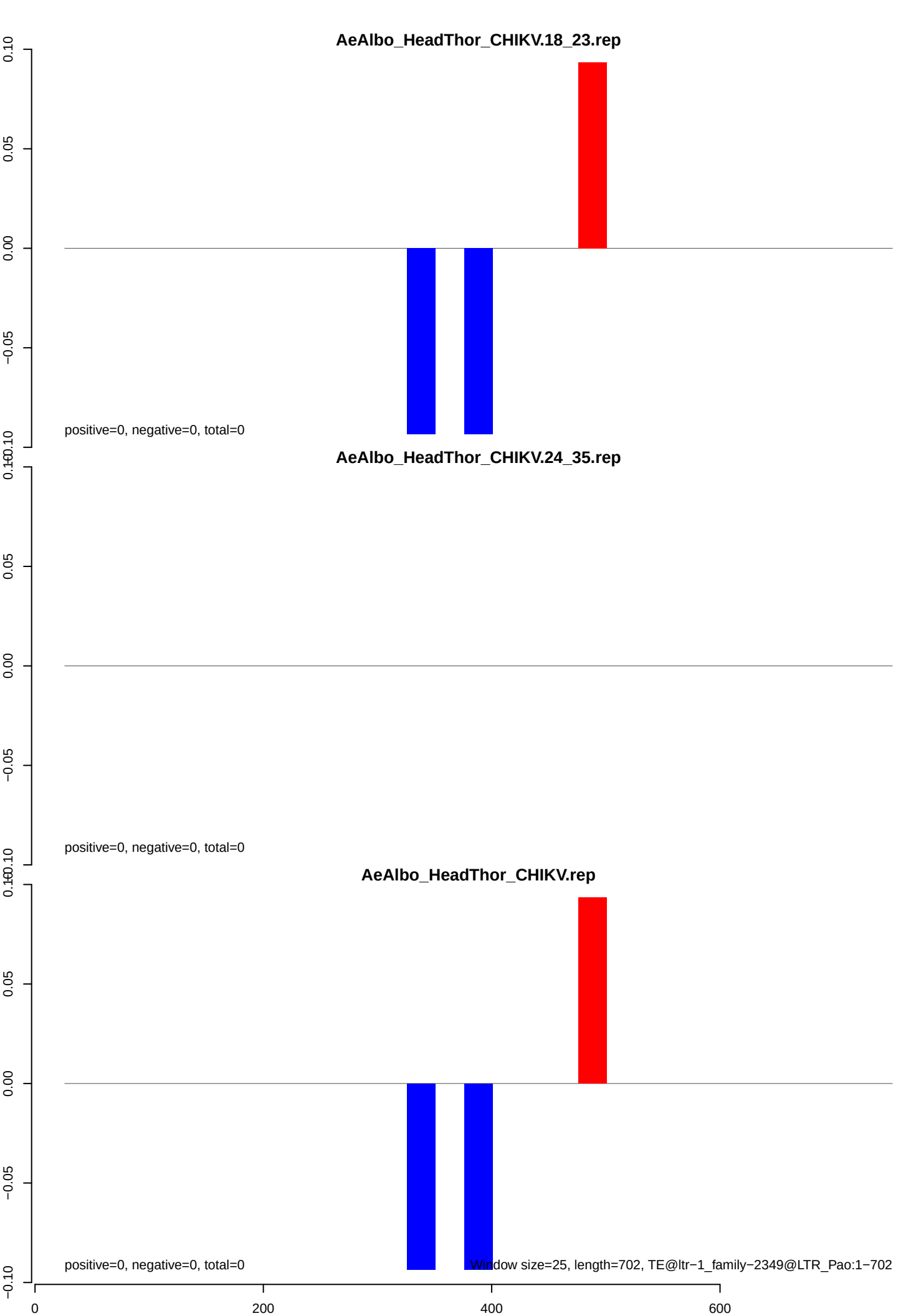

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=622, TE@ltr−1_family−248@LTR_Pao:1−622
100
200
300
400
500
600

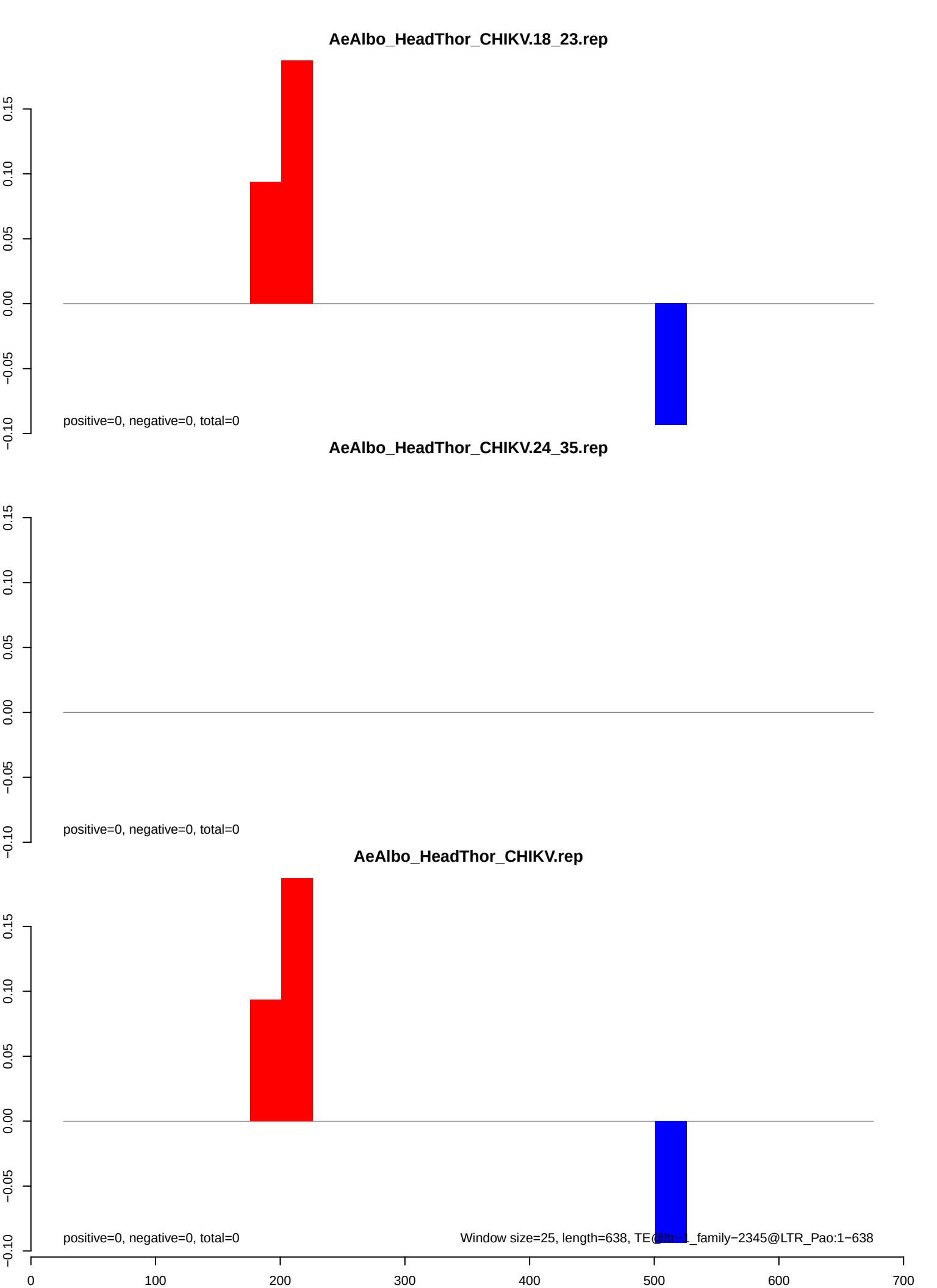

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=507, TE@ltr−1_family−2473@LTR_Pao:1−507
100
200
300
400
500

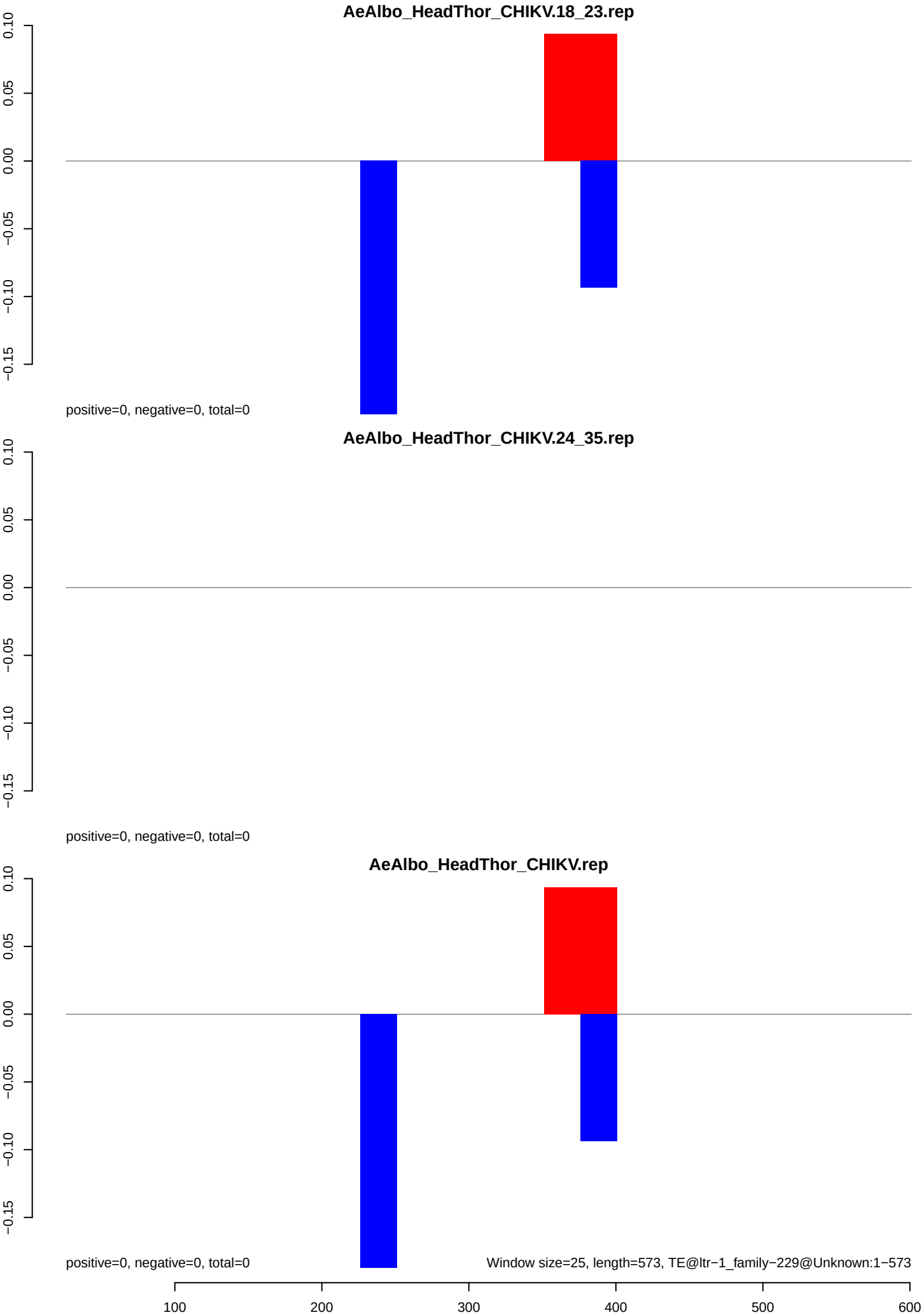

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=698, TE@ltr−1_family−2458@LTR_Pao:1−698
0
100
200
300
400
500
600
700

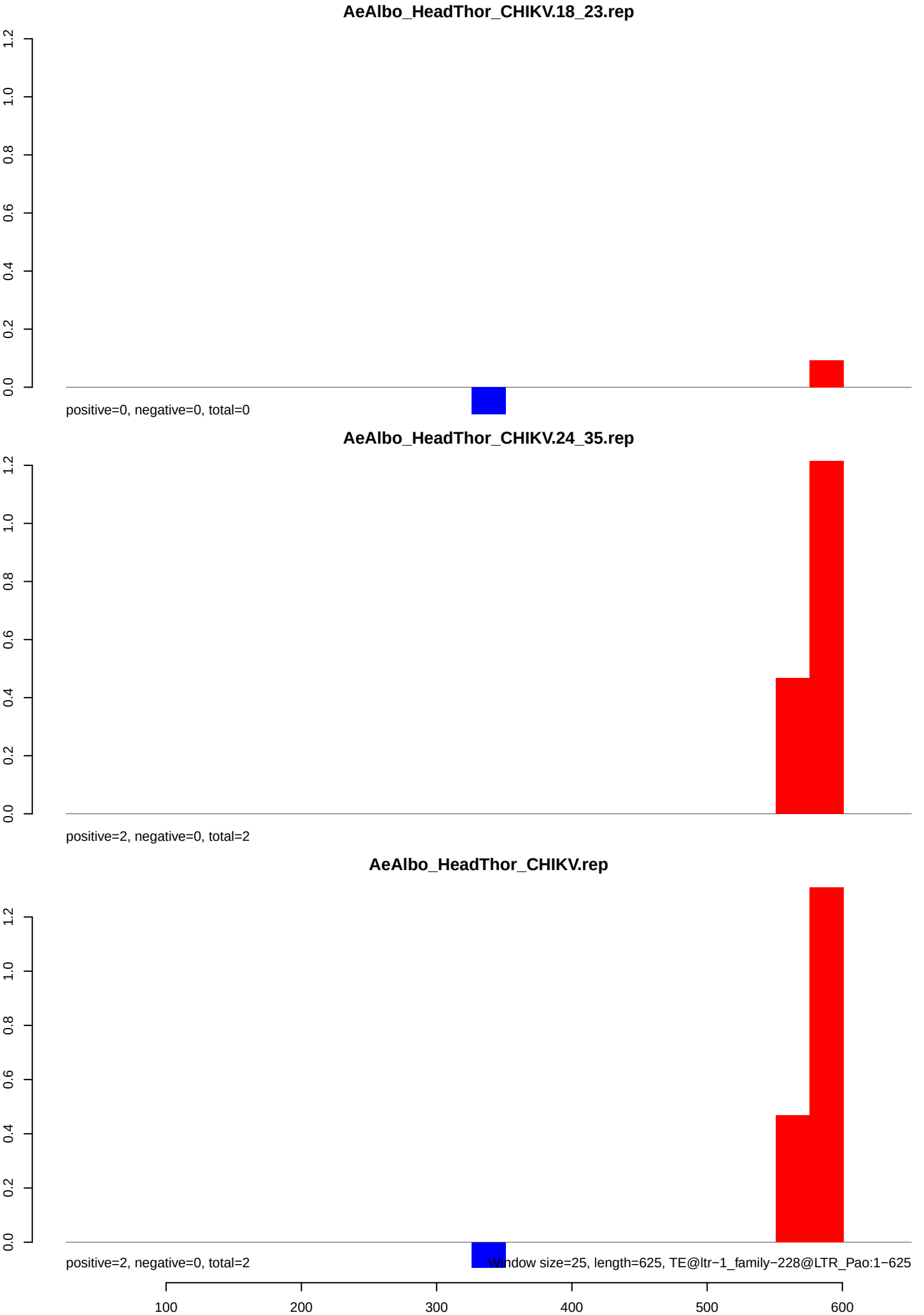

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=617, TE@ltr−1_family−2386@LTR_Gypsy:1−617
100
200
300
400
500
600

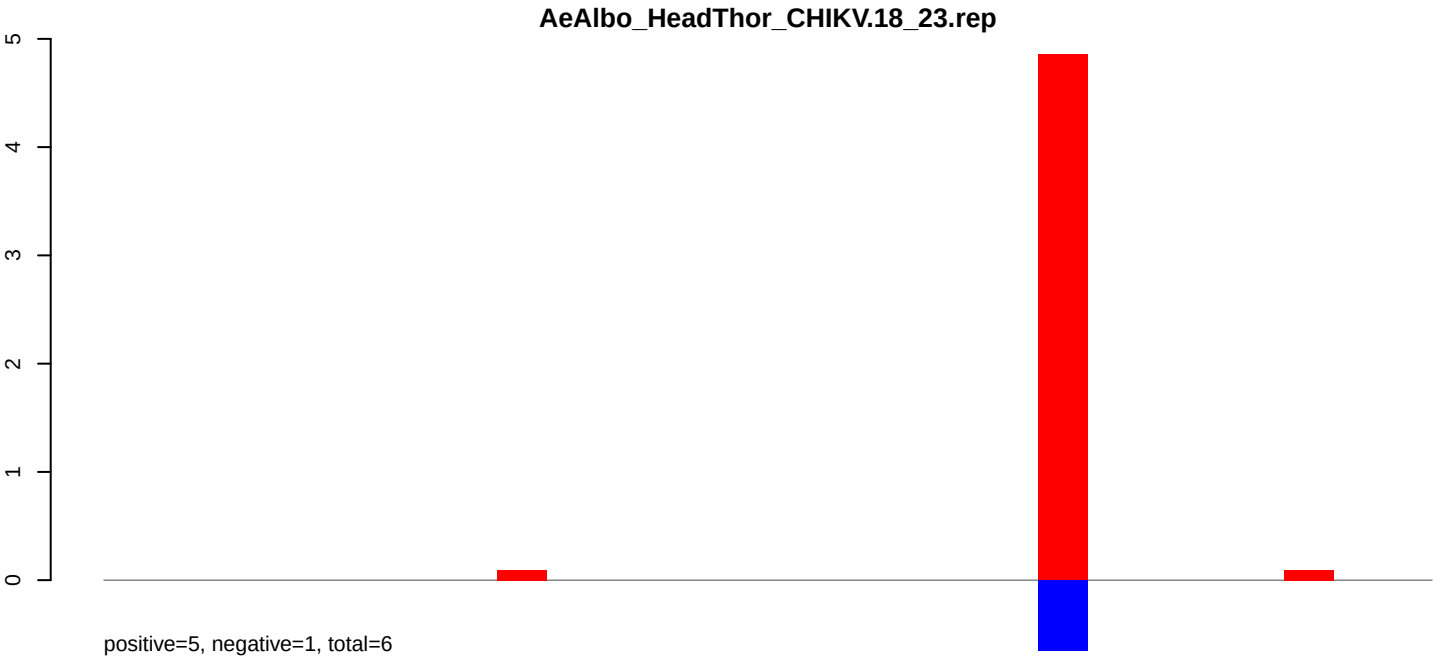

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=611, TE@ltr−1_family−2352@Unknown:1−611
100
200
300
400
500
600

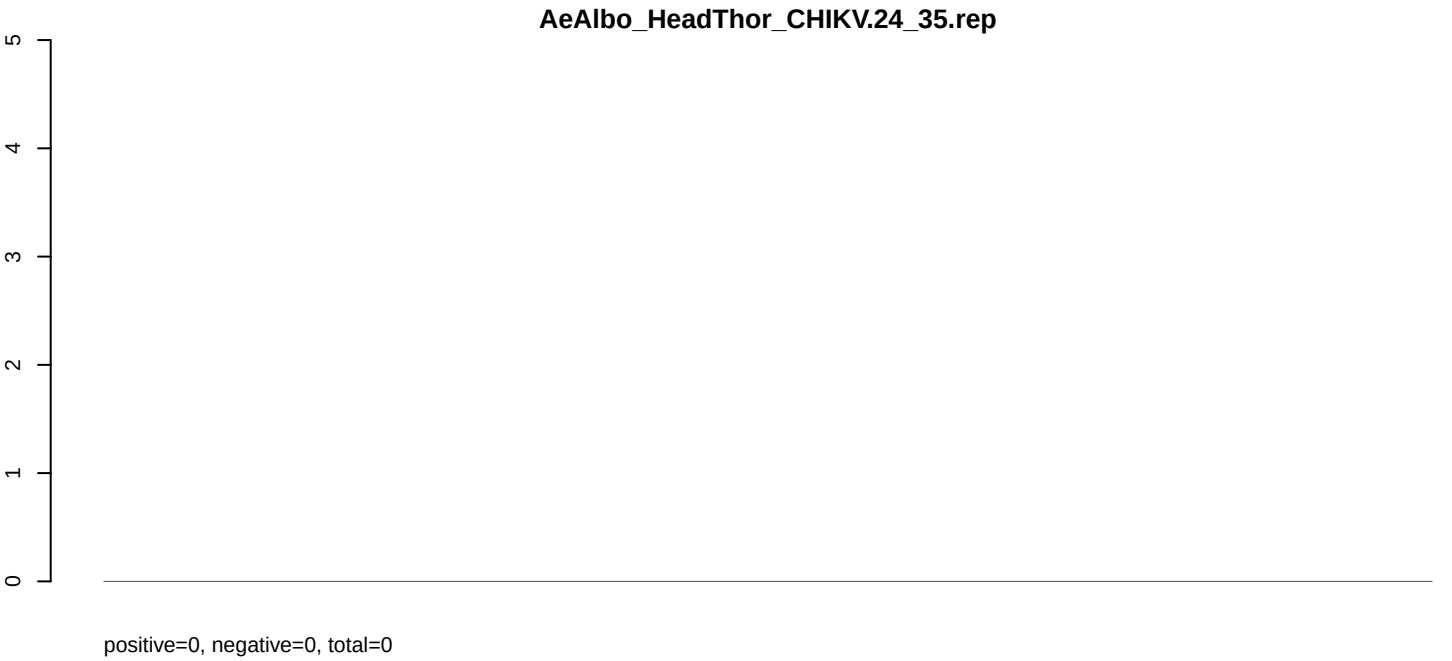

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=702, TE@ltr−1_family−2349@LTR_Pao:1−702
0
200
400
600

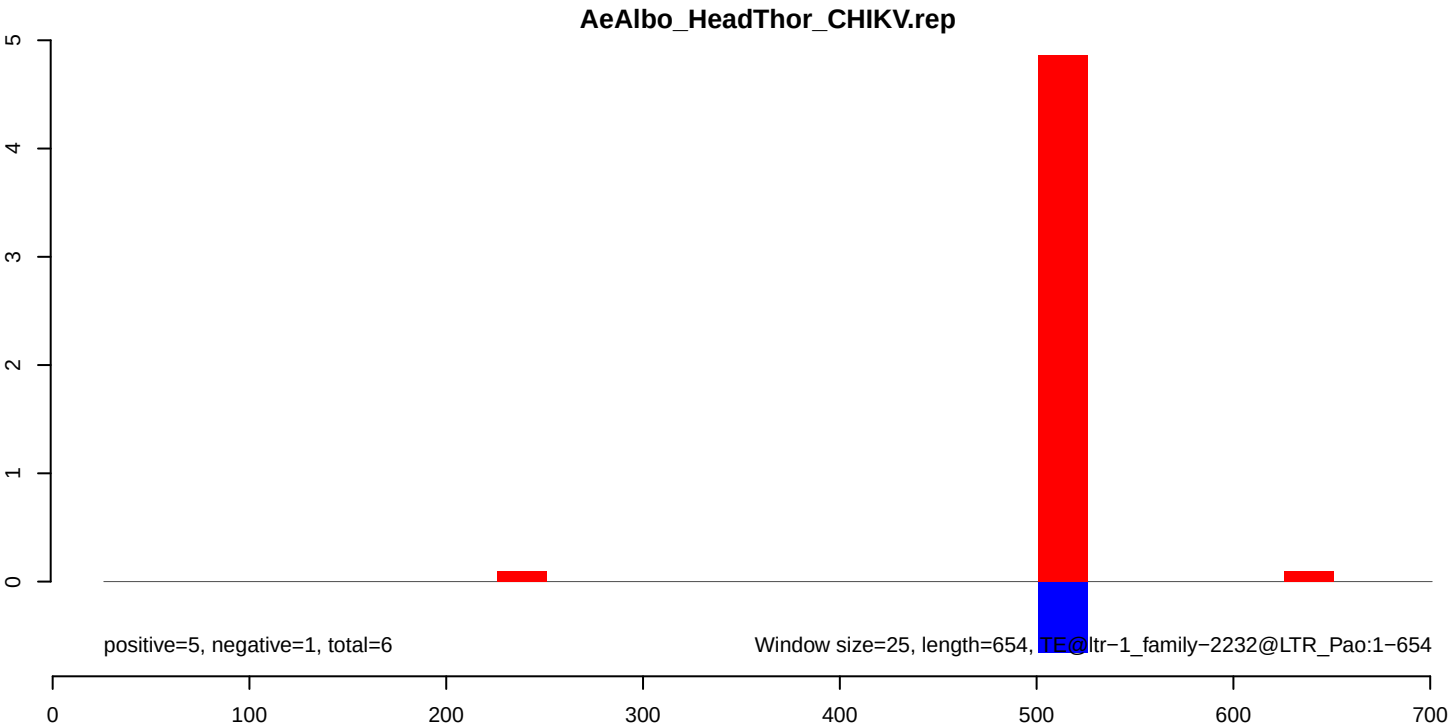

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=638, TE@ltr−1_family−2345@LTR_Pao:1−638
0
100
200
300
400
500
600
700

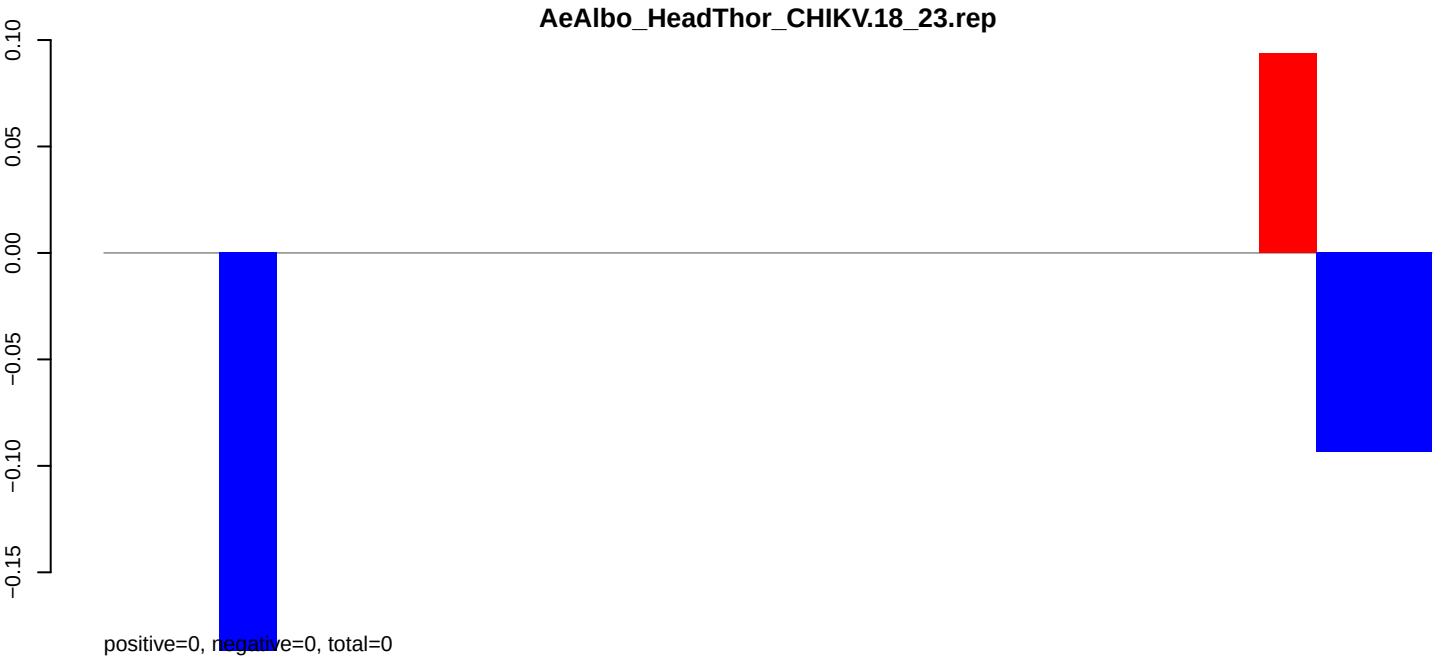

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=573, TE@ltr−1_family−229@Unknown:1−573
100
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
positive=2, negative=0, total=2
Window size=25, length=625, TE@ltr−1_family−228@LTR_Pao:1−625
100
200
300
400
500
600

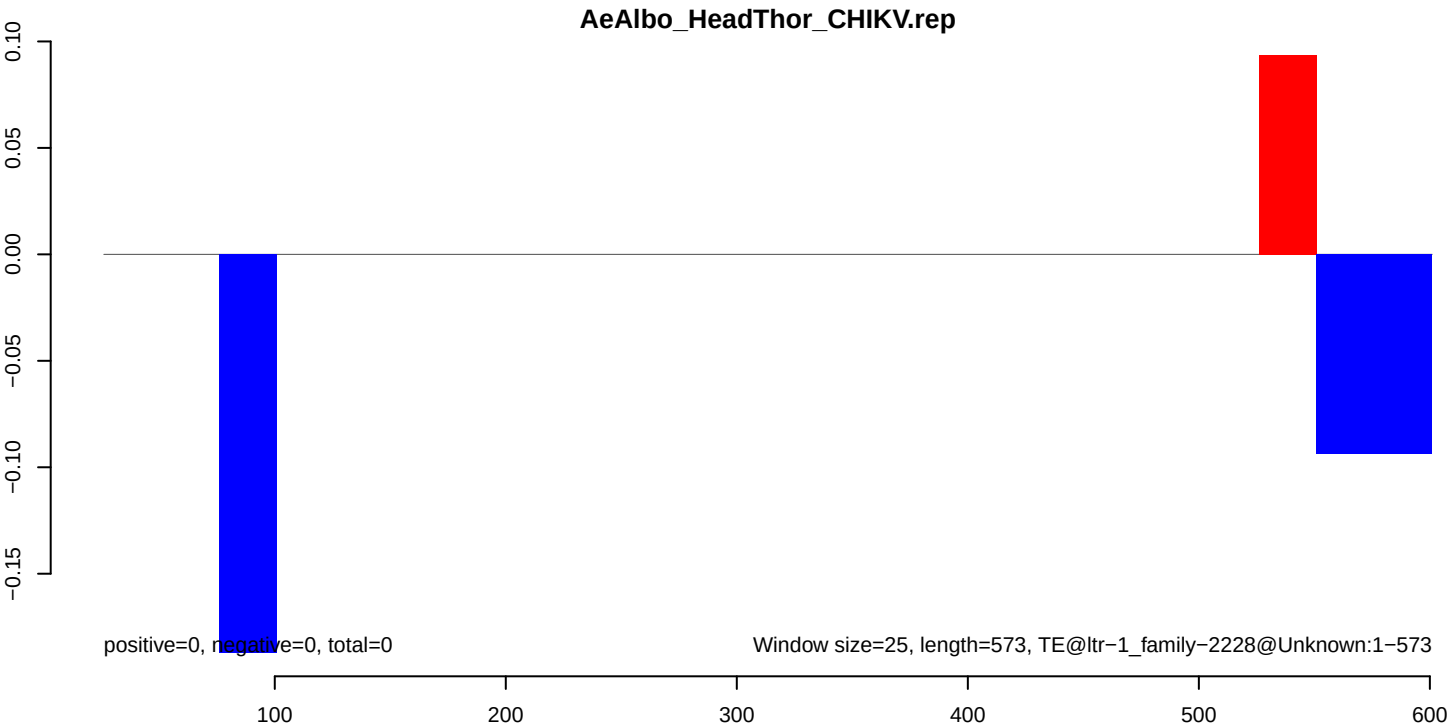

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
positive=5, negative=1, total=6

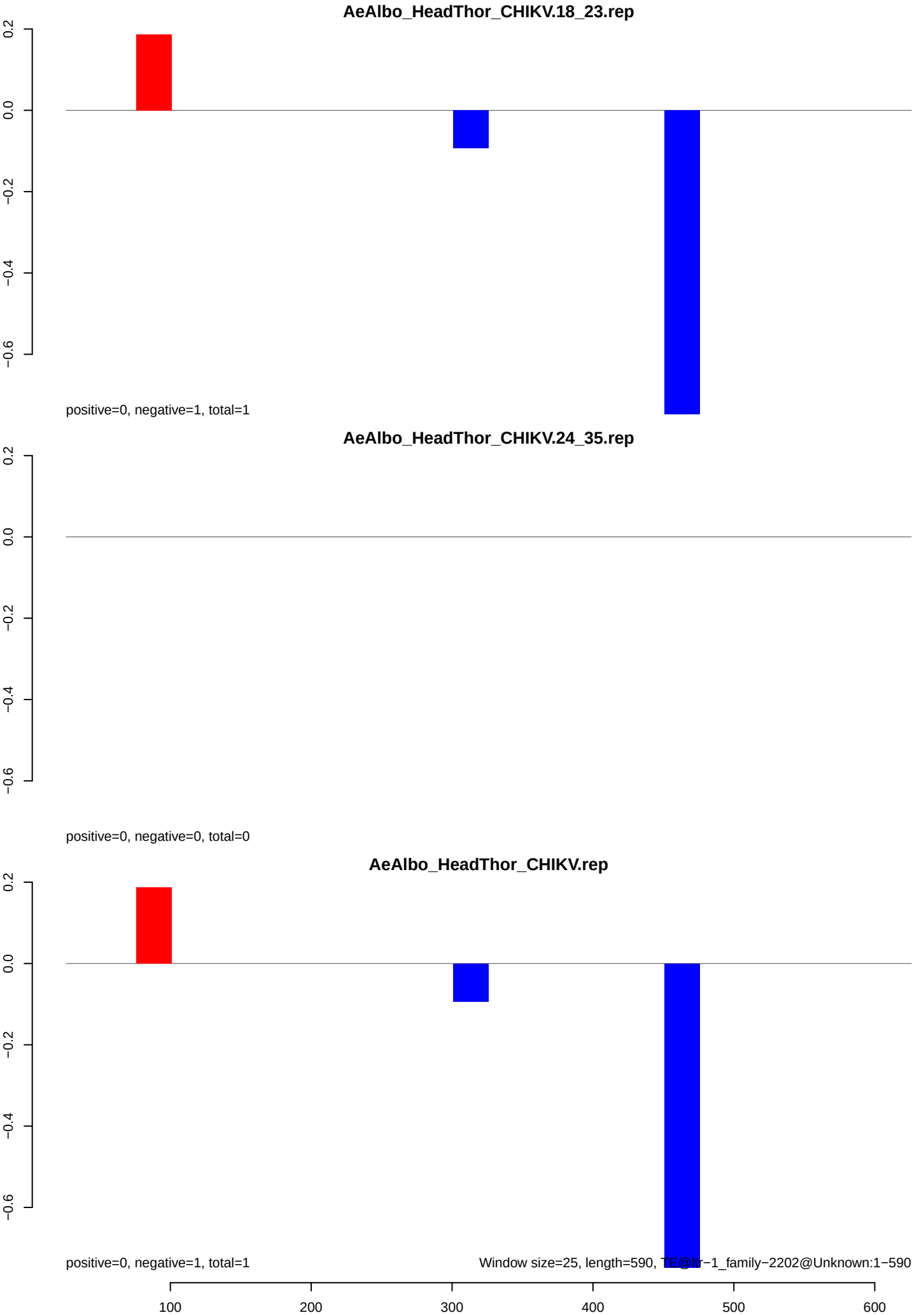

AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
positive=0, negative=0, total=0

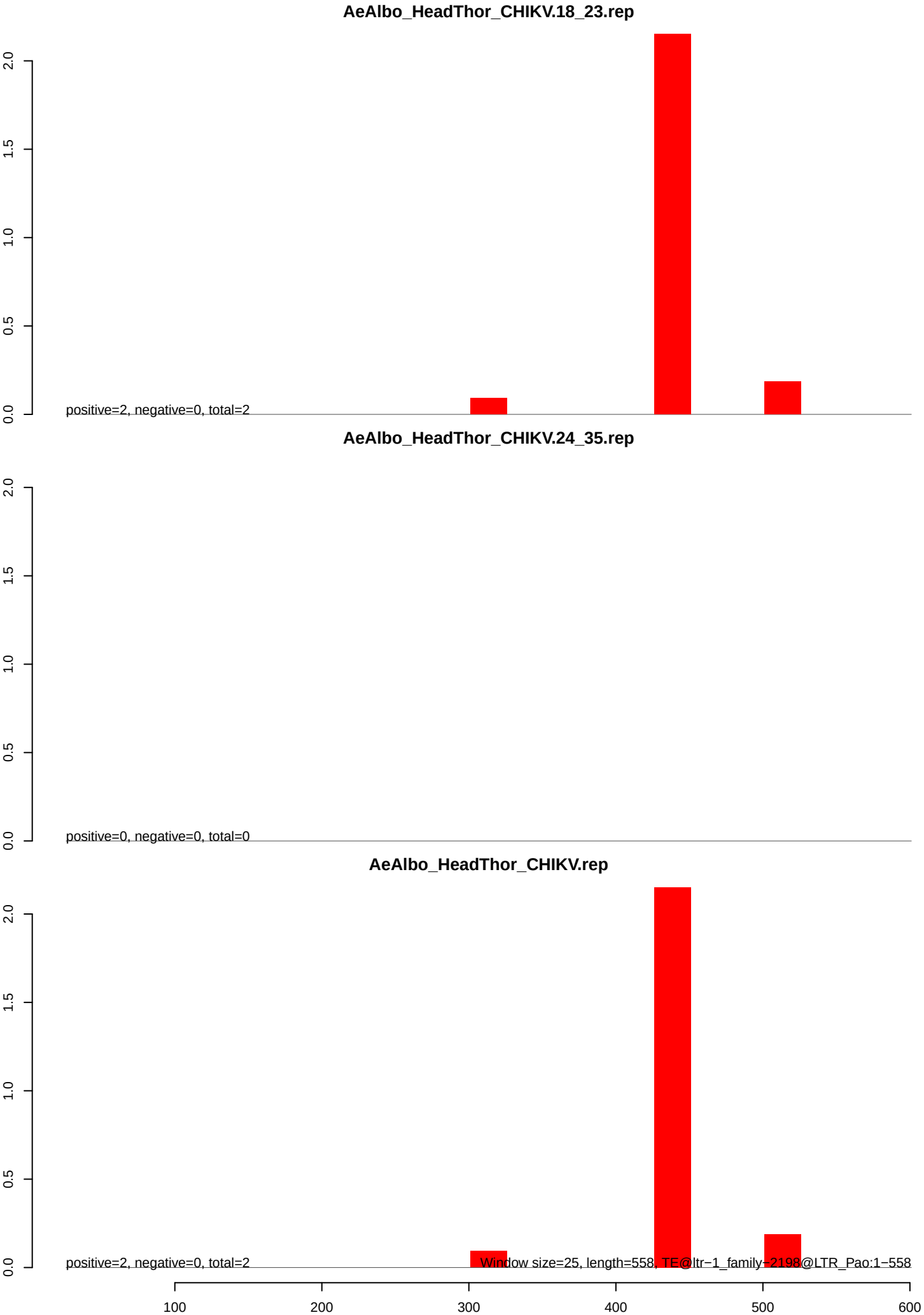

AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
positive=5, negative=1, total=6
Window size=25, length=654, TE@ltr−1_family−2232@LTR_Pao:1−654
0
100
200
300
400
500
600
700

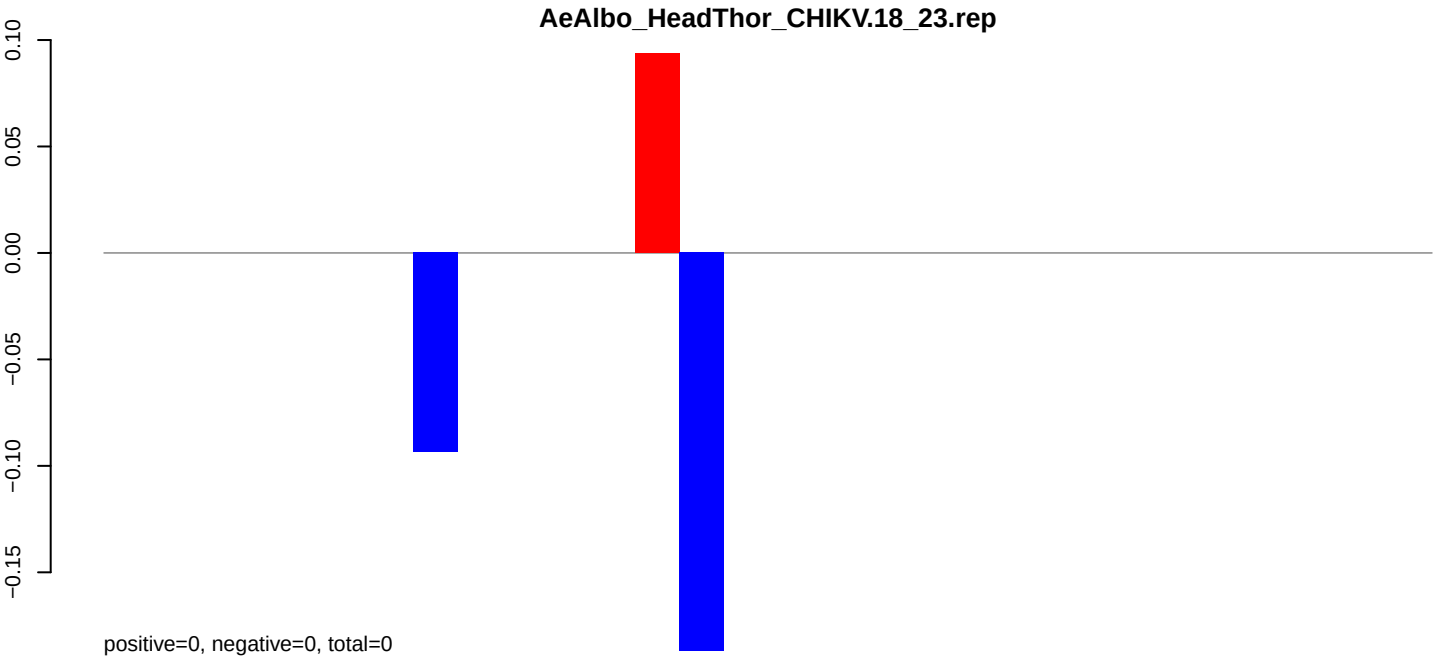

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

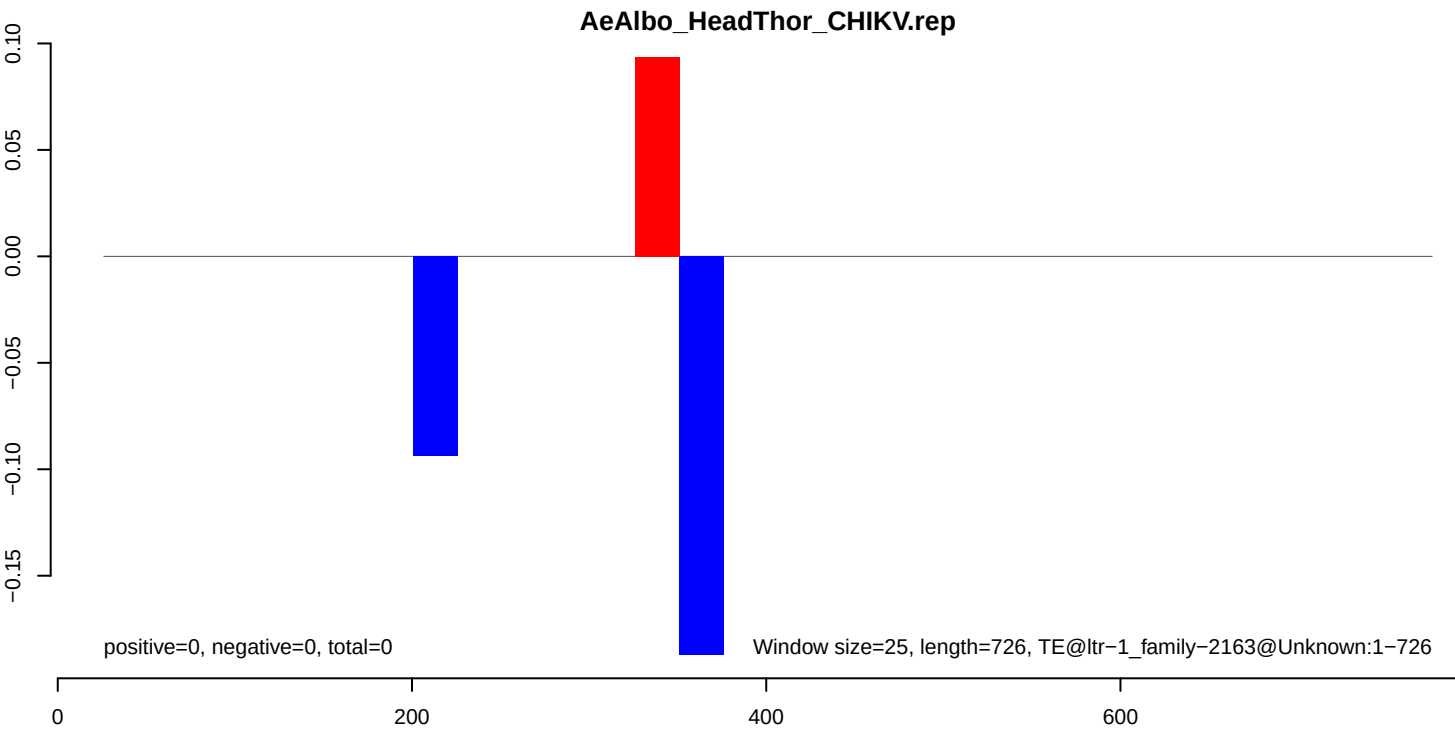

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=573, TE@ltr−1_family−2228@Unknown:1−573
100
200
300
400
500
600

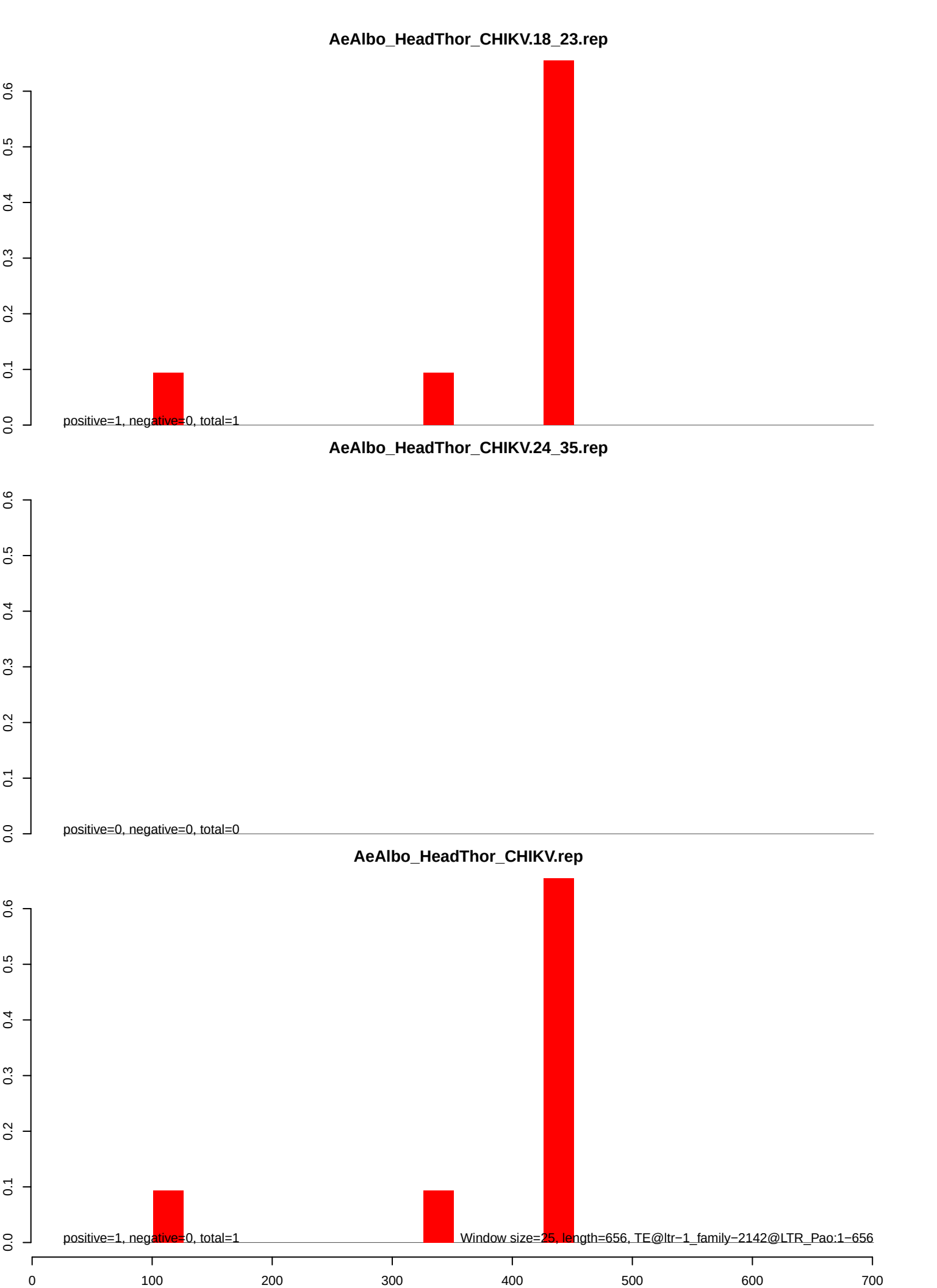

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=590, TE@lr−1_family−2202@Unknown:1−590
100
200
300
400
500
600

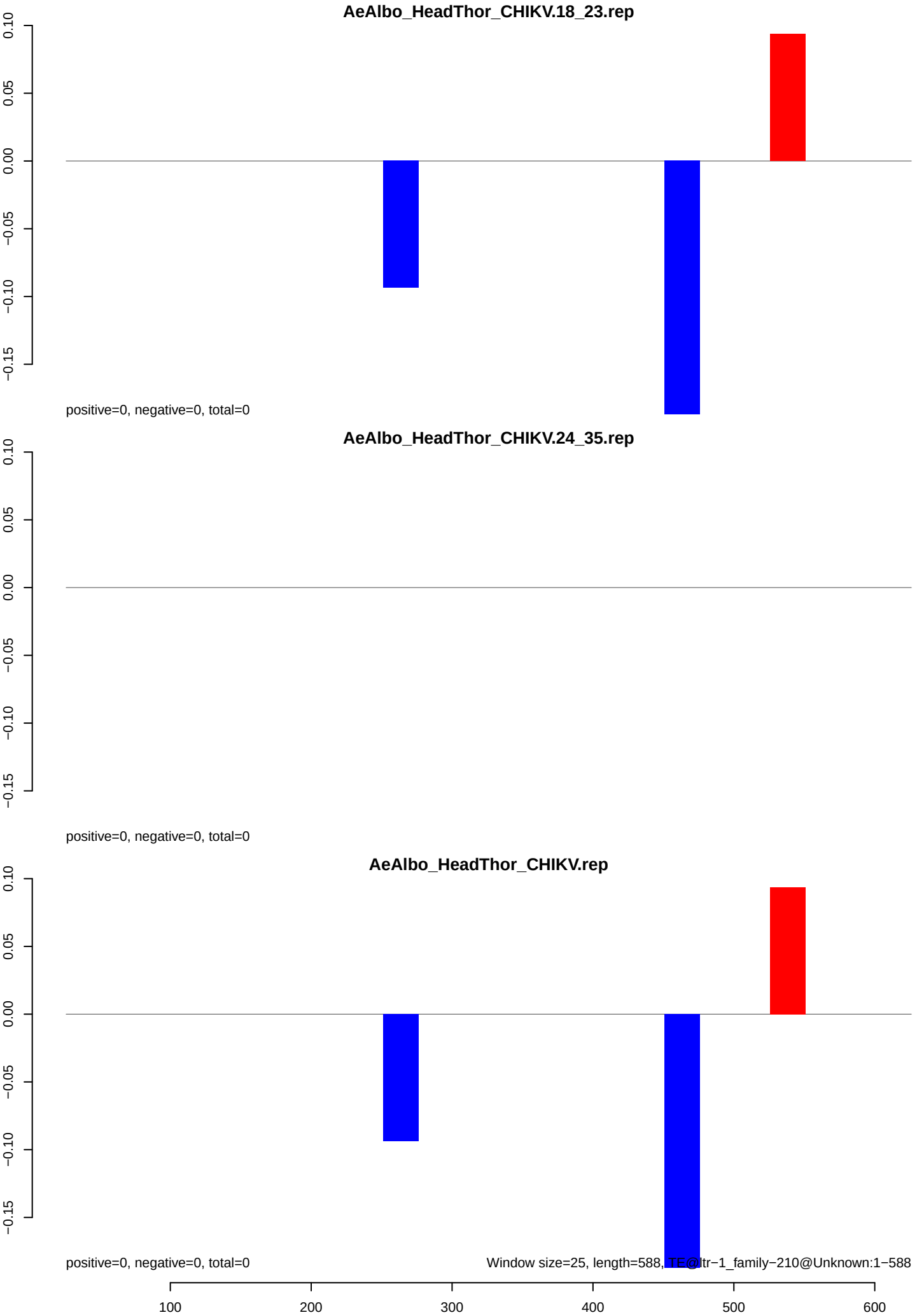

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.5
1.0
1.5
2.0
positive=2, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.5
1.0
1.5
2.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.5
1.0
1.5
2.0
positive=2, negative=0, total=2
Window size=25, length=558, TE@ltr−1_family−2198@LTR_Pao:1−558
100
200
300
400
500
600

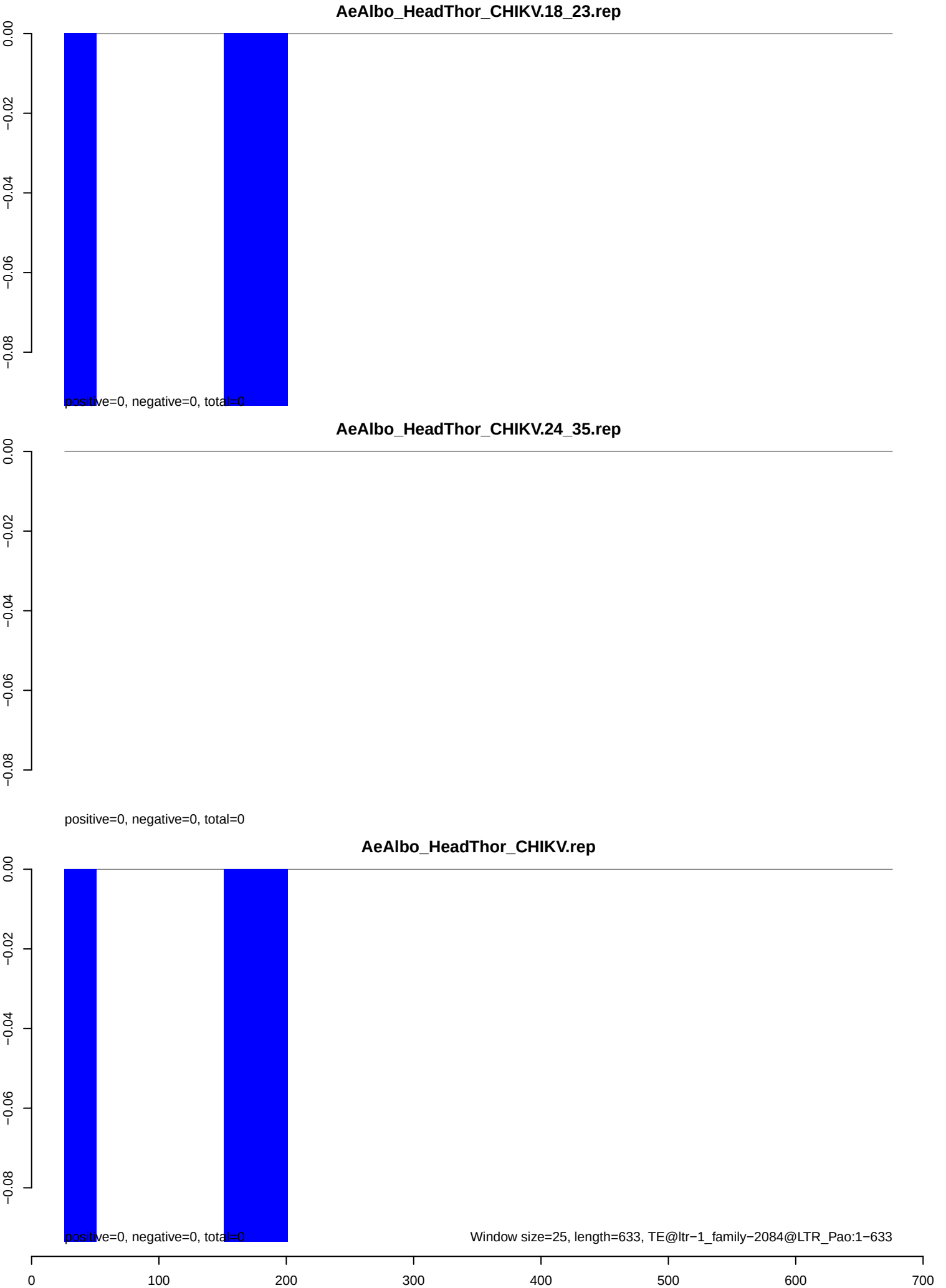

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

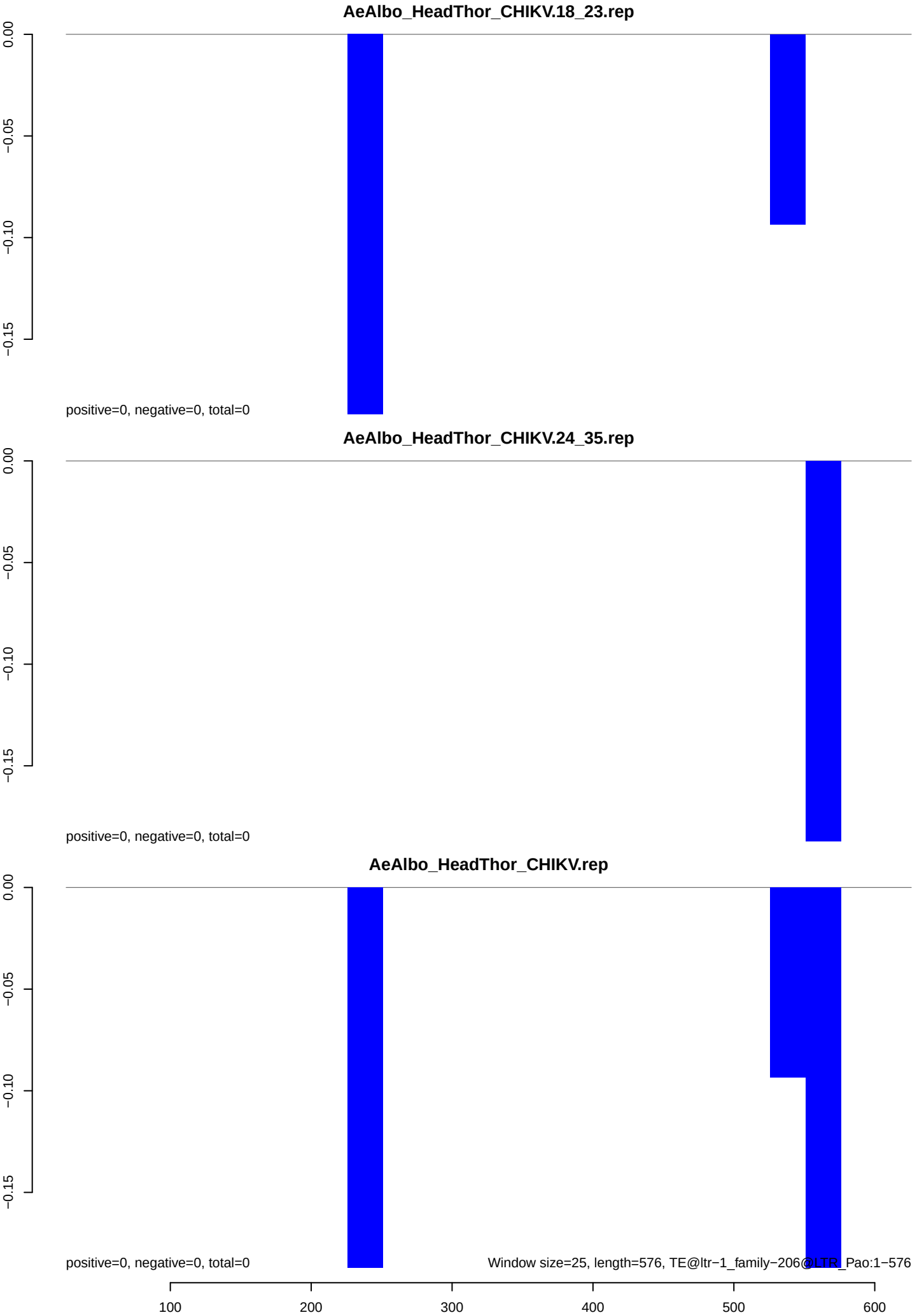
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

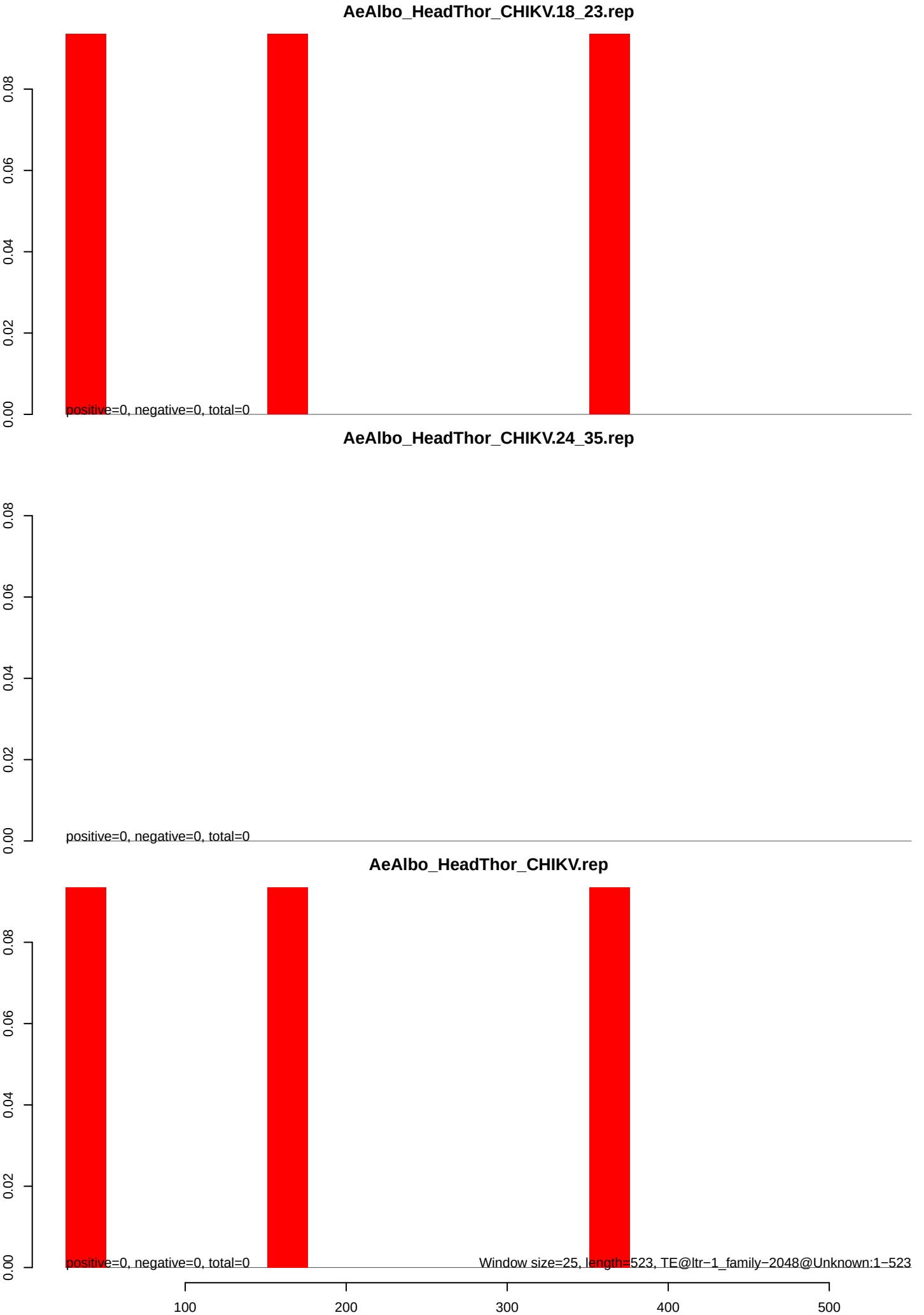

AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=726, TE@ltr−1_family−2163@Unknown:1−726
0
200
400
600
800

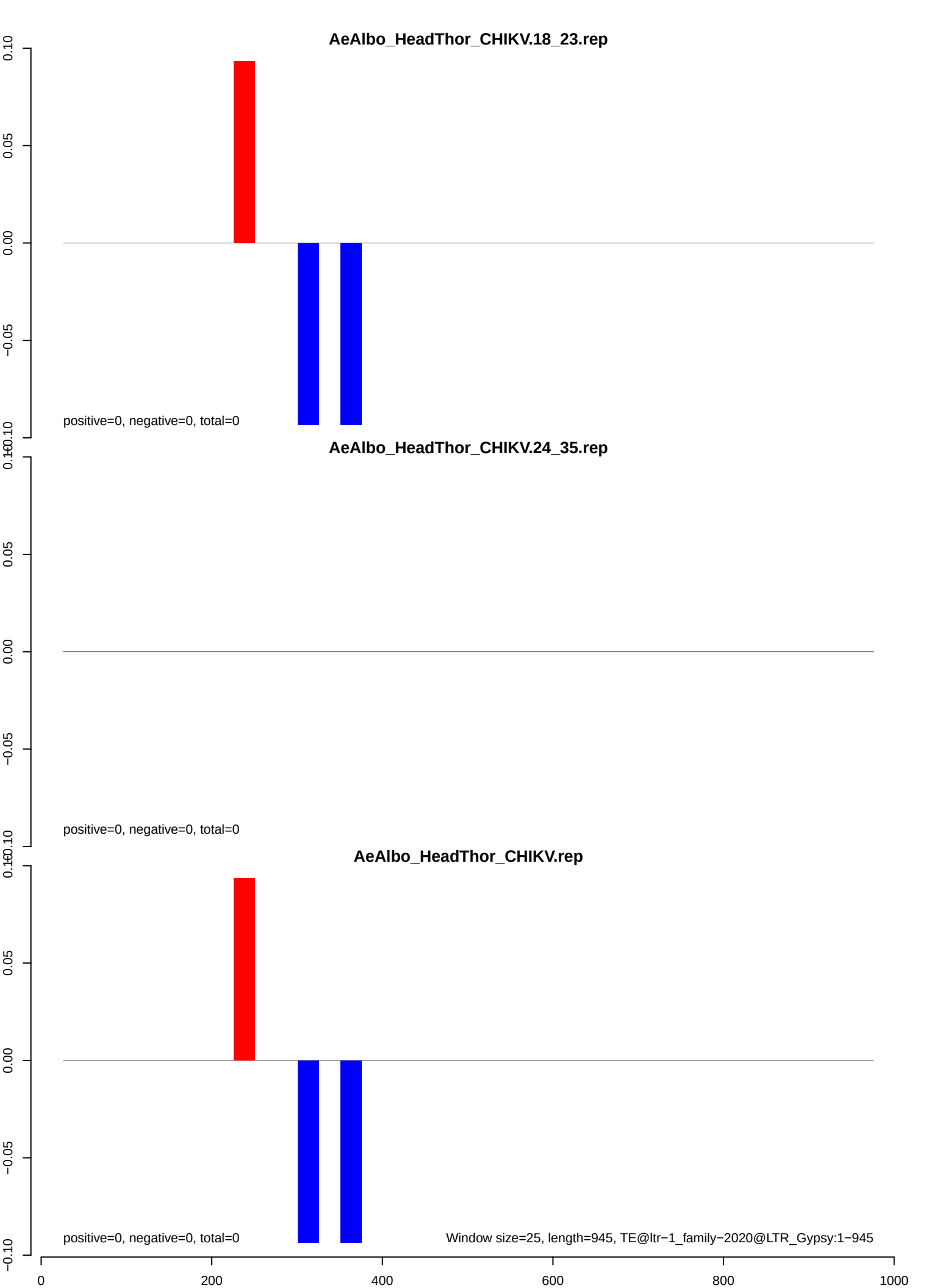

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=1, negative=0, total=1
Window size=25, length=656, TE@ltr−1_family−2142@LTR_Pao:1−656
0
100
200
300
400
500
600
700

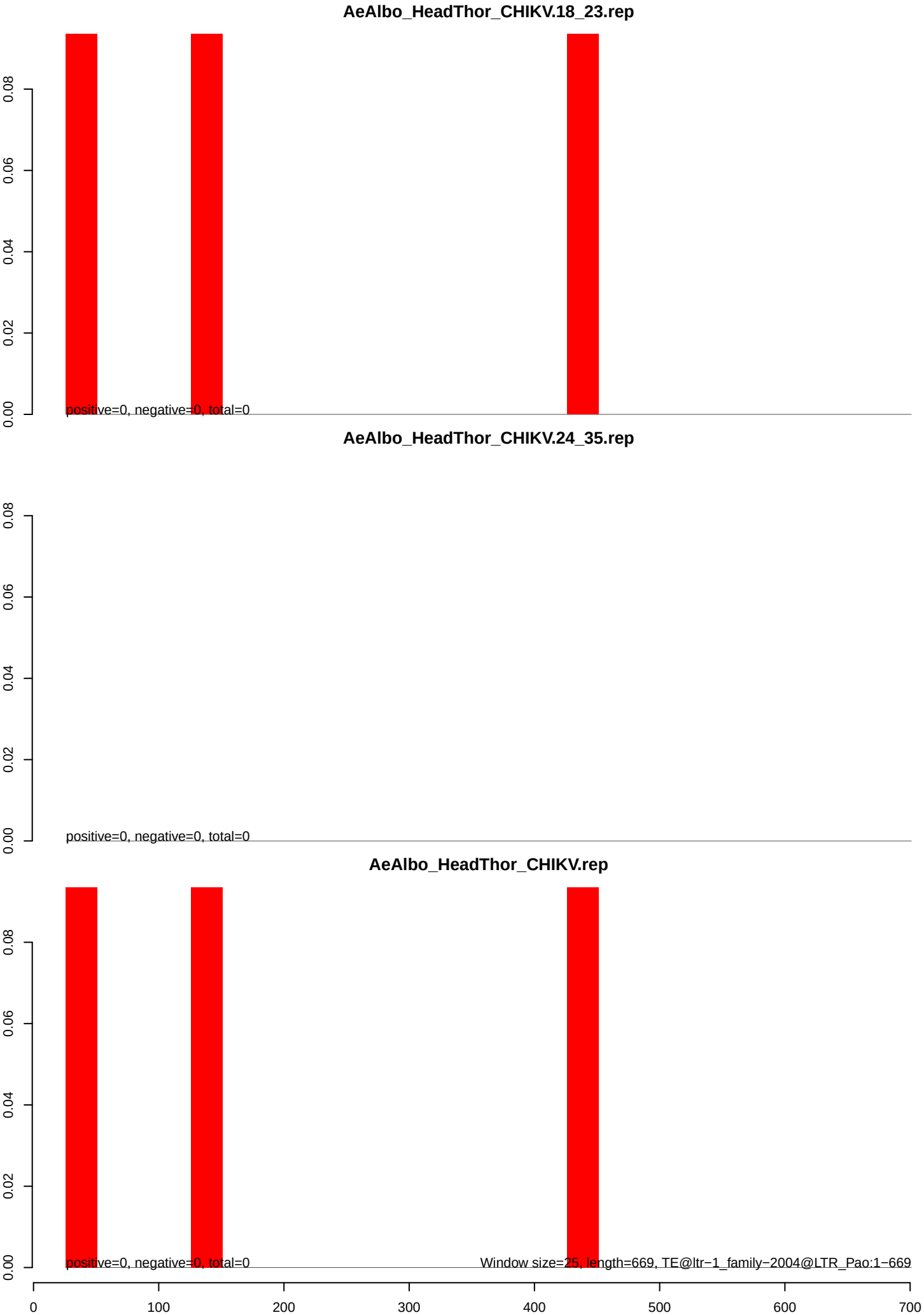

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=588, TE@ltr−1_family−210@Unknown:1−588
100
200
300
400
500
600

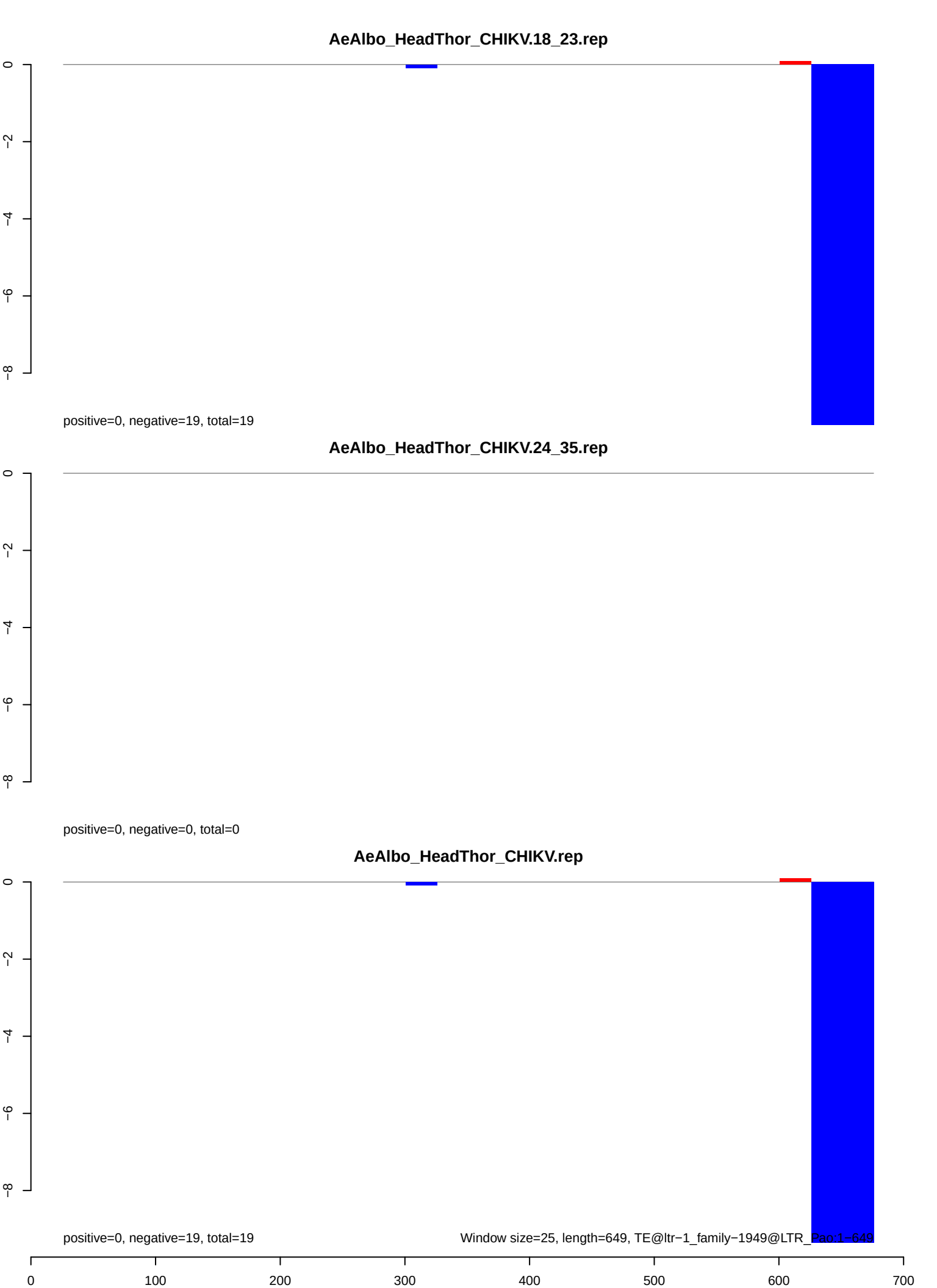

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=633, TE@ltr−1_family−2084@LTR_Pao:1−633
0
100
200
300
400
500
600
700

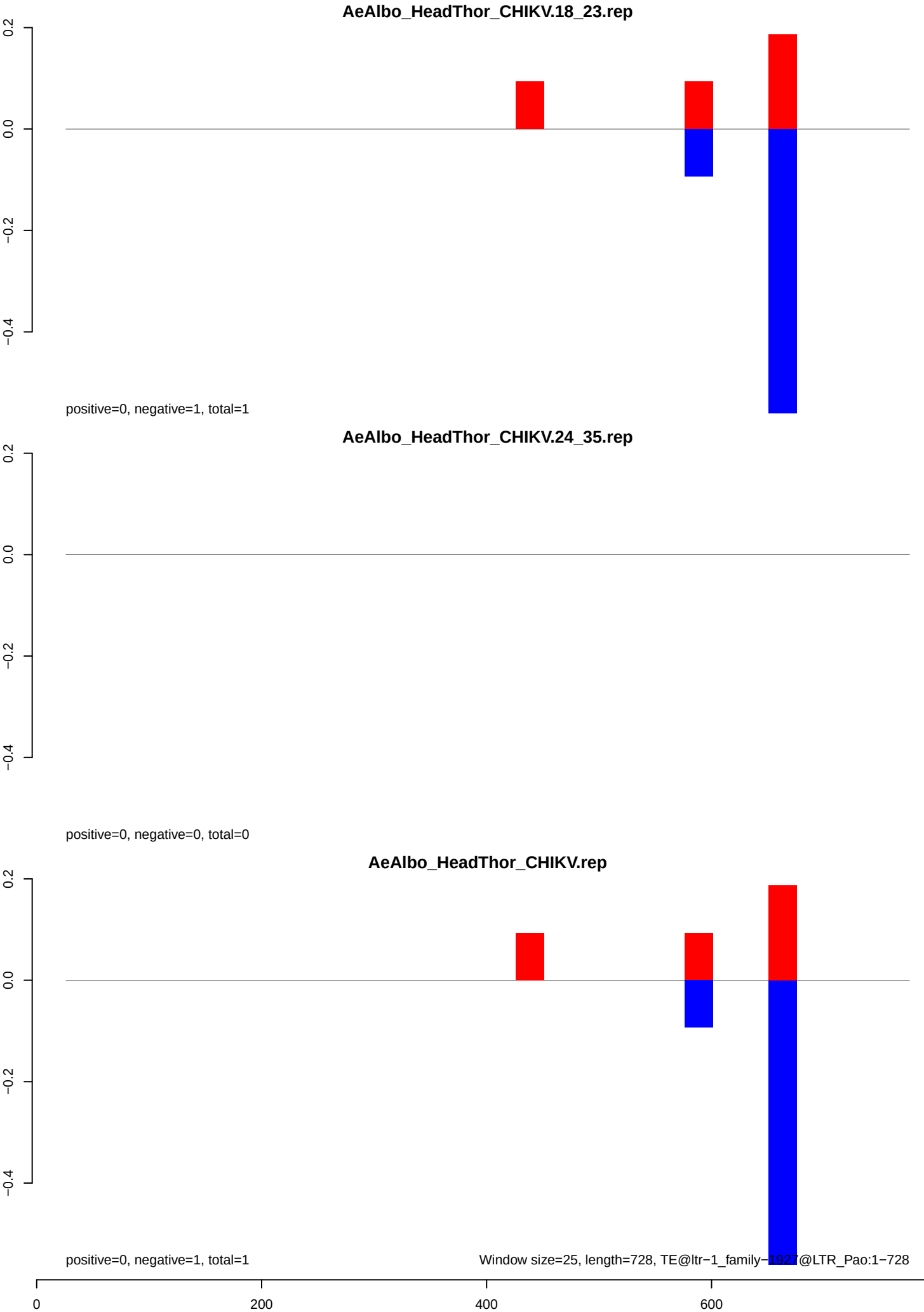

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=576, TE@ltr−1_family−206@LTR_Pao:1−576
100
200
300
400
500
600

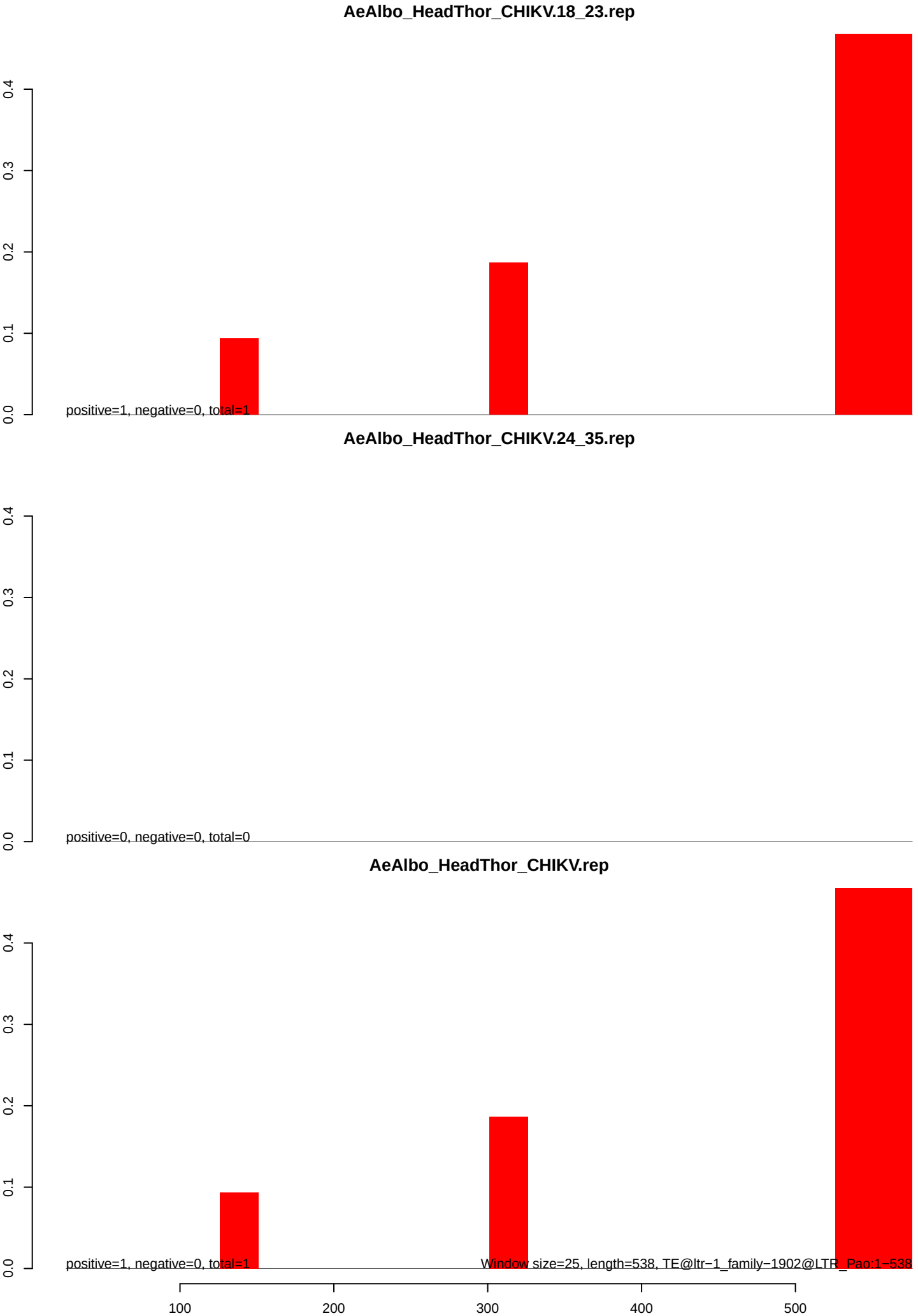

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=523, TE@ltr−1_family−2048@Unknown:1−523
100
200
300
400
500

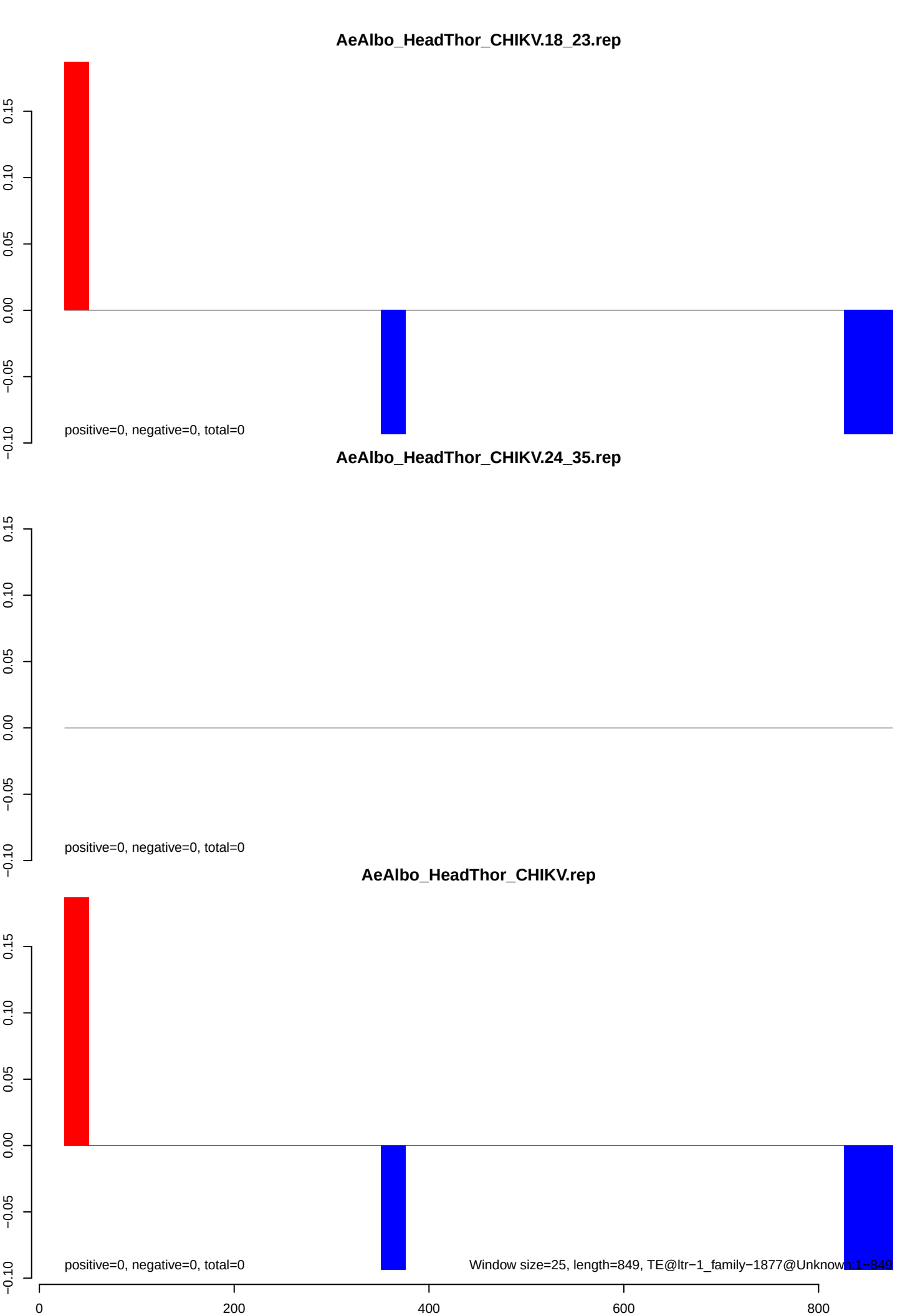

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=945, TE@ltr−1_family−2020@LTR_Gypsy:1−945
0
200
400
600
800
1000

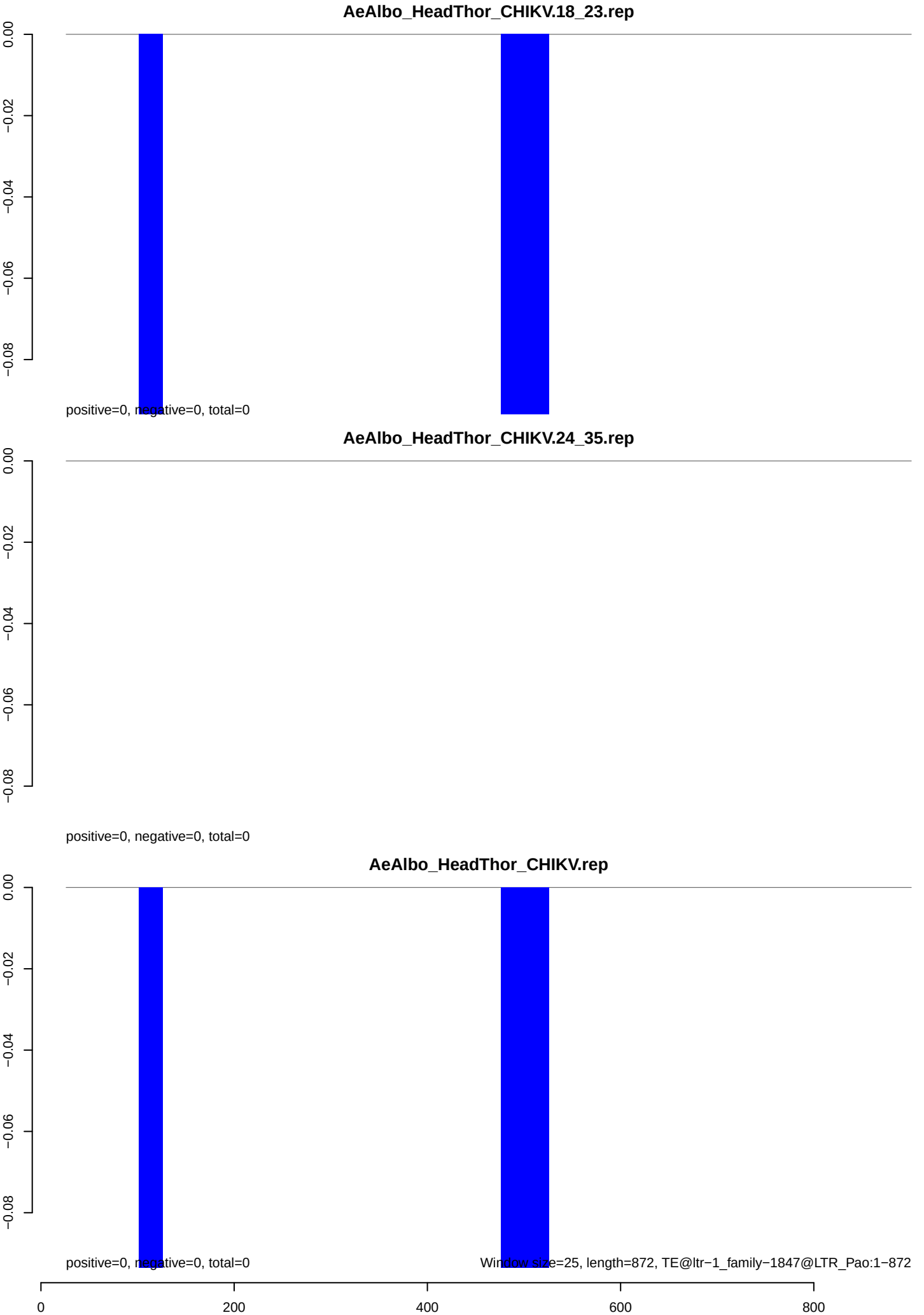

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=669, TE@ltr−1_family−2004@LTR_Pao:1−669
0
100
200
300
400
500
600
700

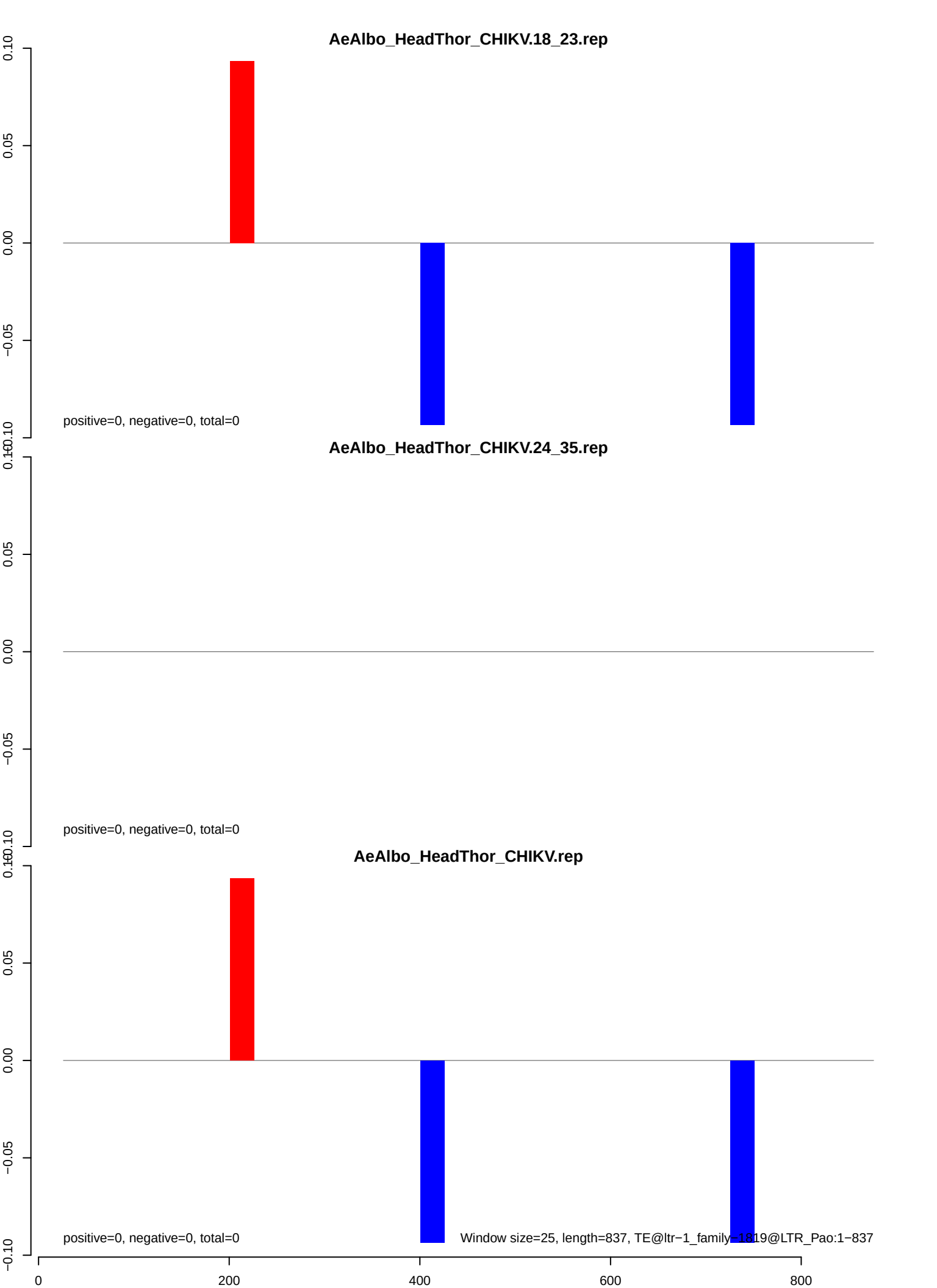

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=0, negative=19, total=19
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=0, negative=19, total=19
Window size=25, length=649, TE@ltr−1_family−1949@LTR_Pao:1−649
0
100
200
300
400
500
600
700

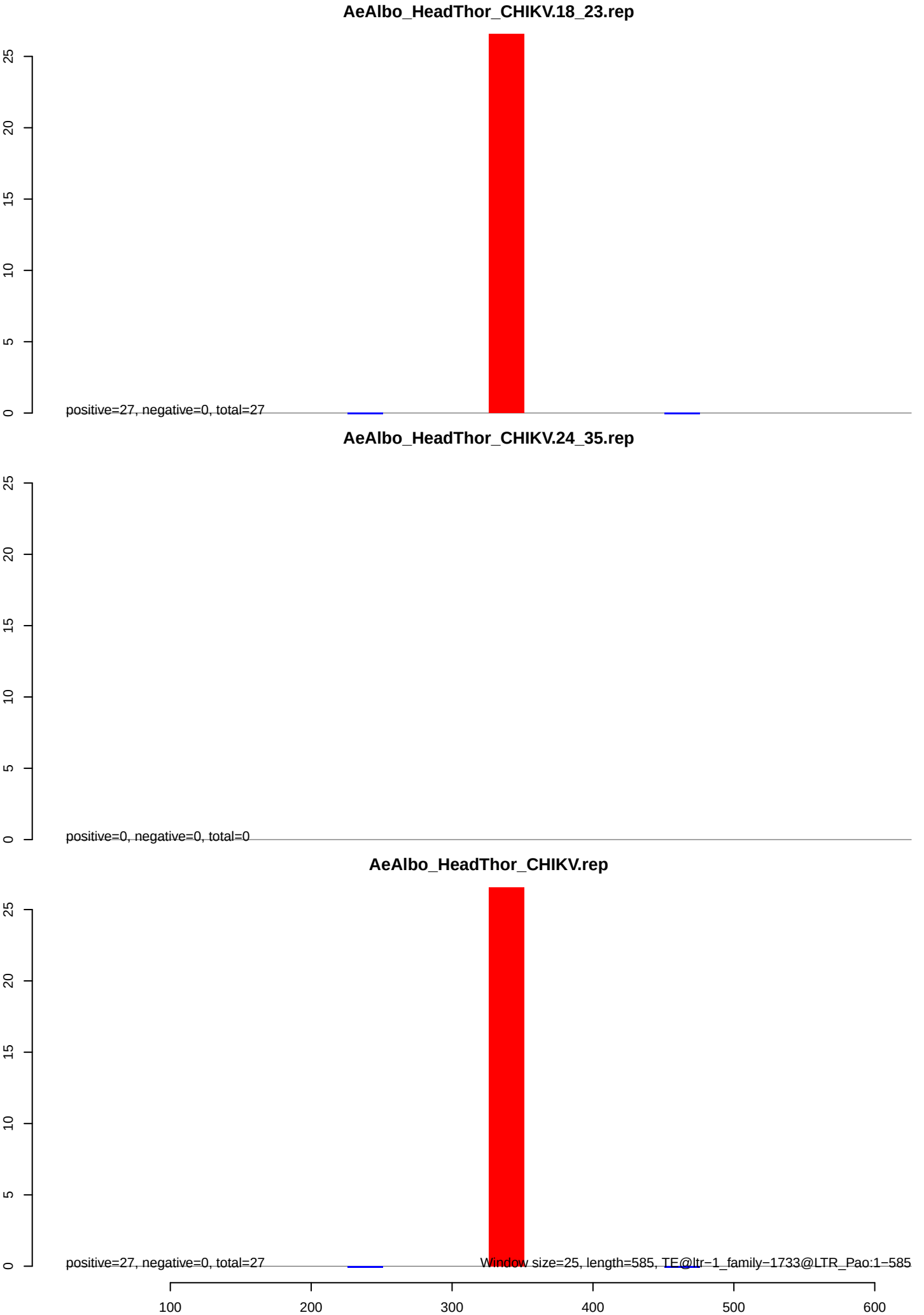

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
Window size=25, length=728, TE@ltr−1_family−1927@LTR_Pao:1−728
0
200
400
600
800

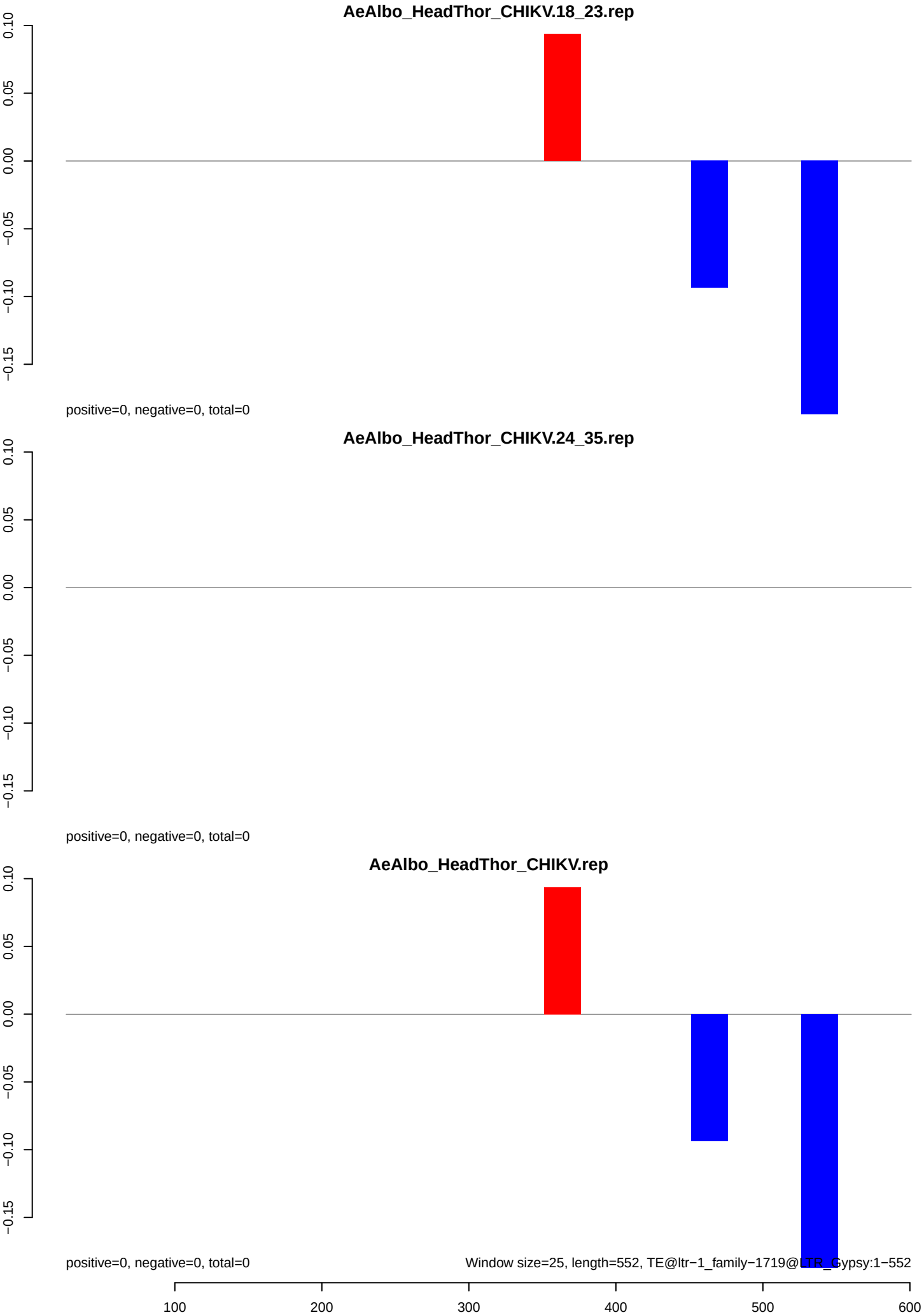

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
positive=1, negative=0, total=1
Window size=25, length=538, TE@ltr−1_family−1902@LTR_Pao:1−538
100
200
300
400
500

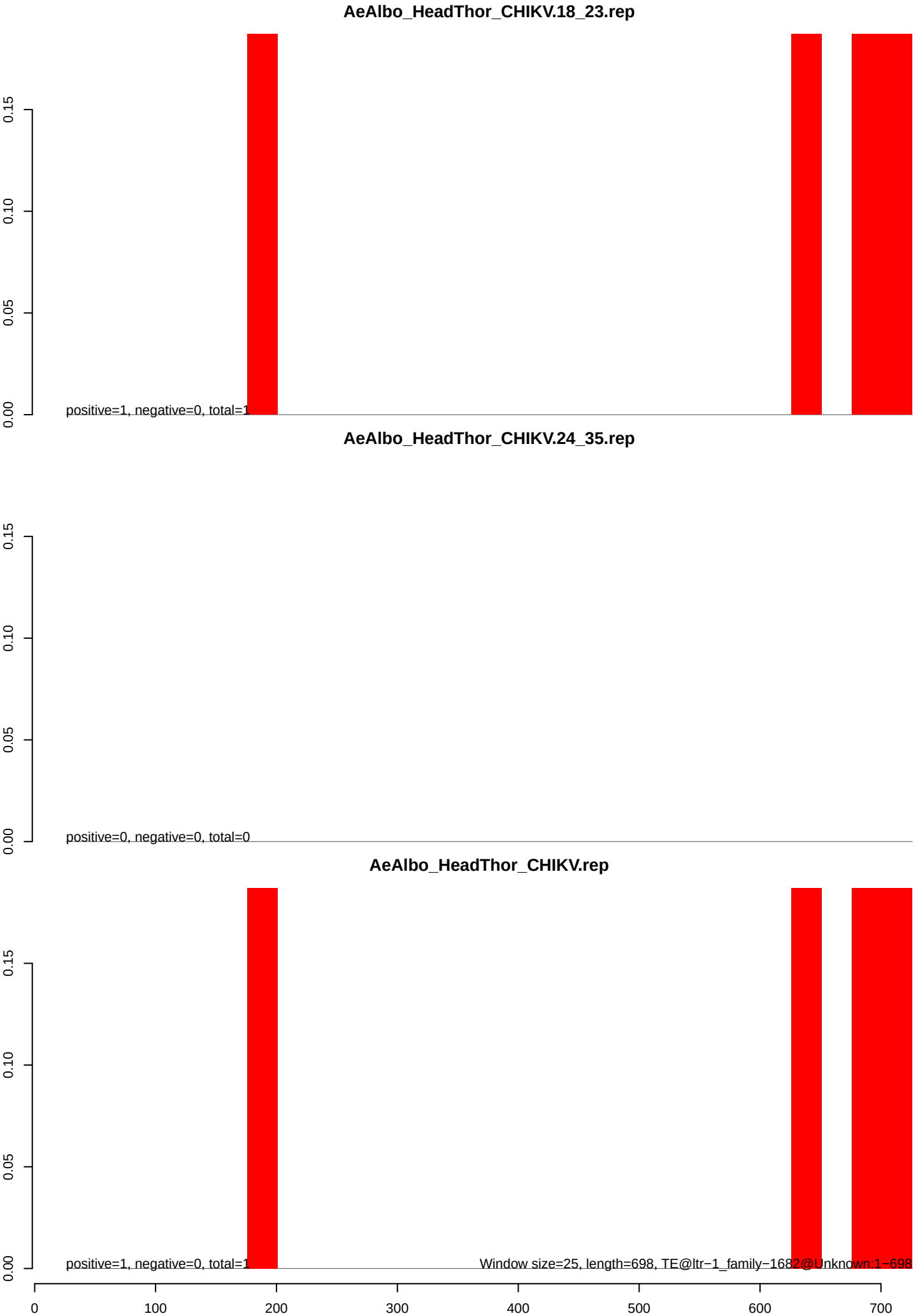

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=849, TE@ltr−1_family−1877@Unknown:1−849
0
200
400
600
800

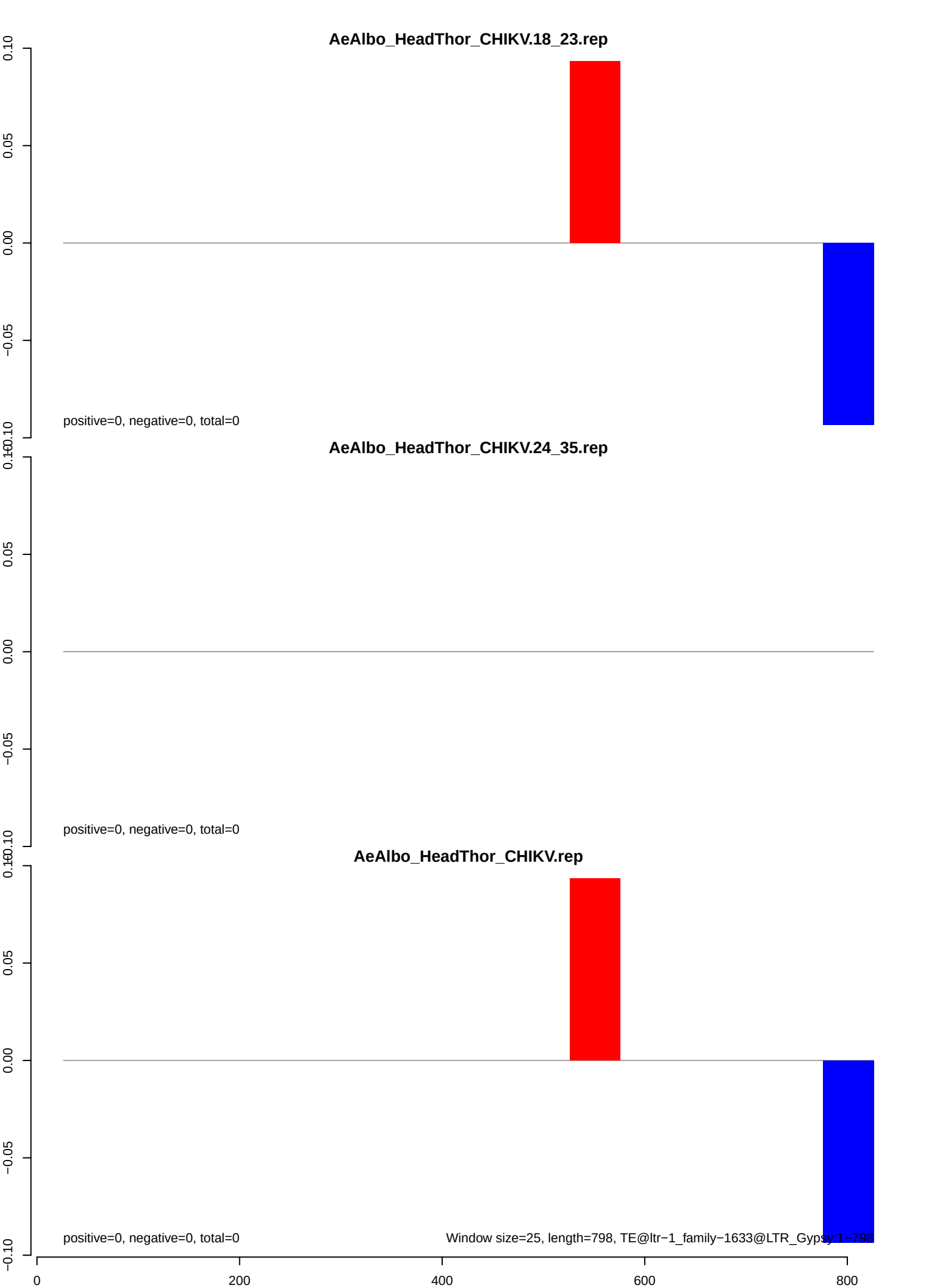

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=872, TE@ltr−1_family−1847@LTR_Pao:1−872
0
200
400
600
800

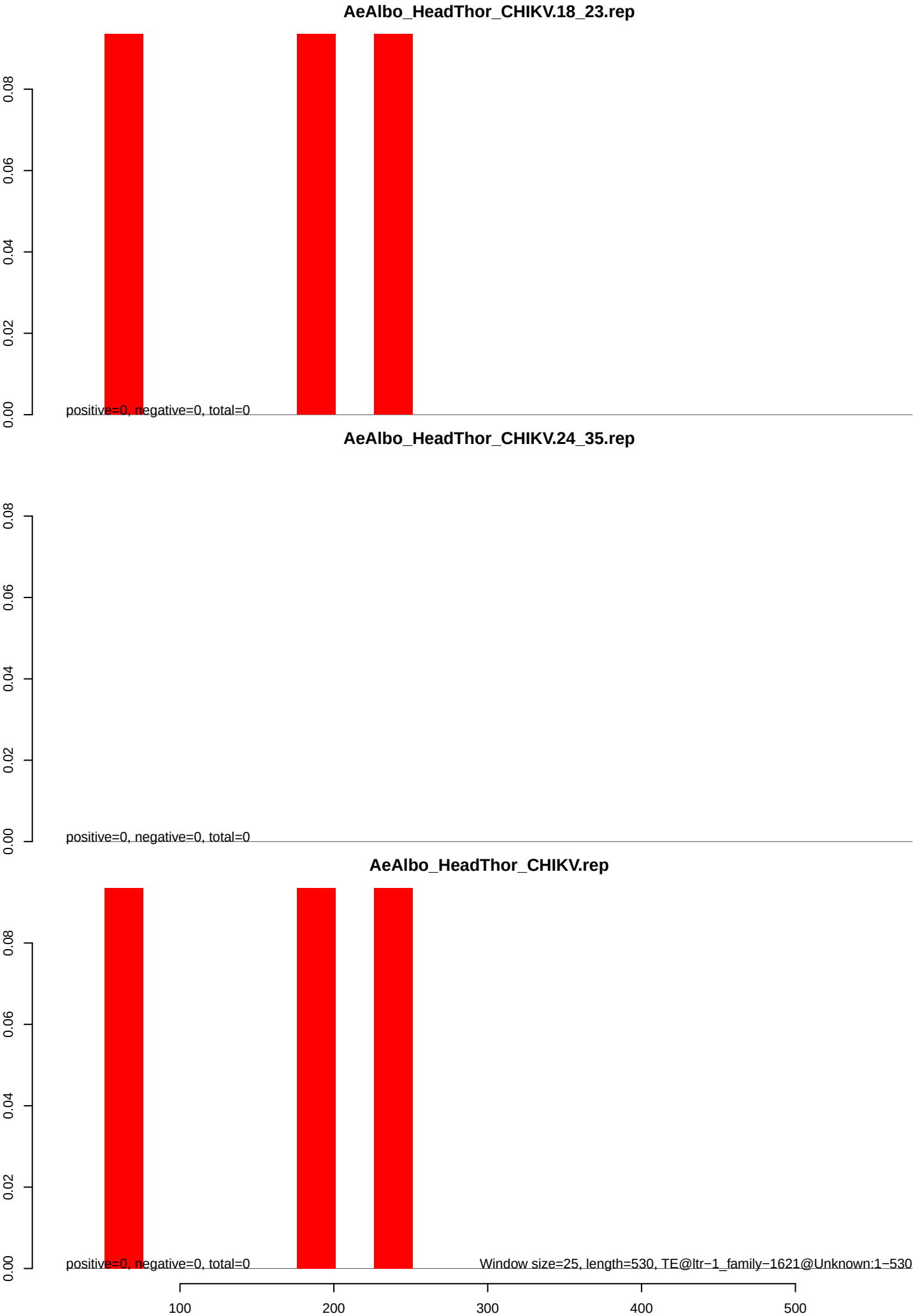

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=837, TE@ltr−1_family−1819@LTR_Pao:1−837
0
200
400
600
800

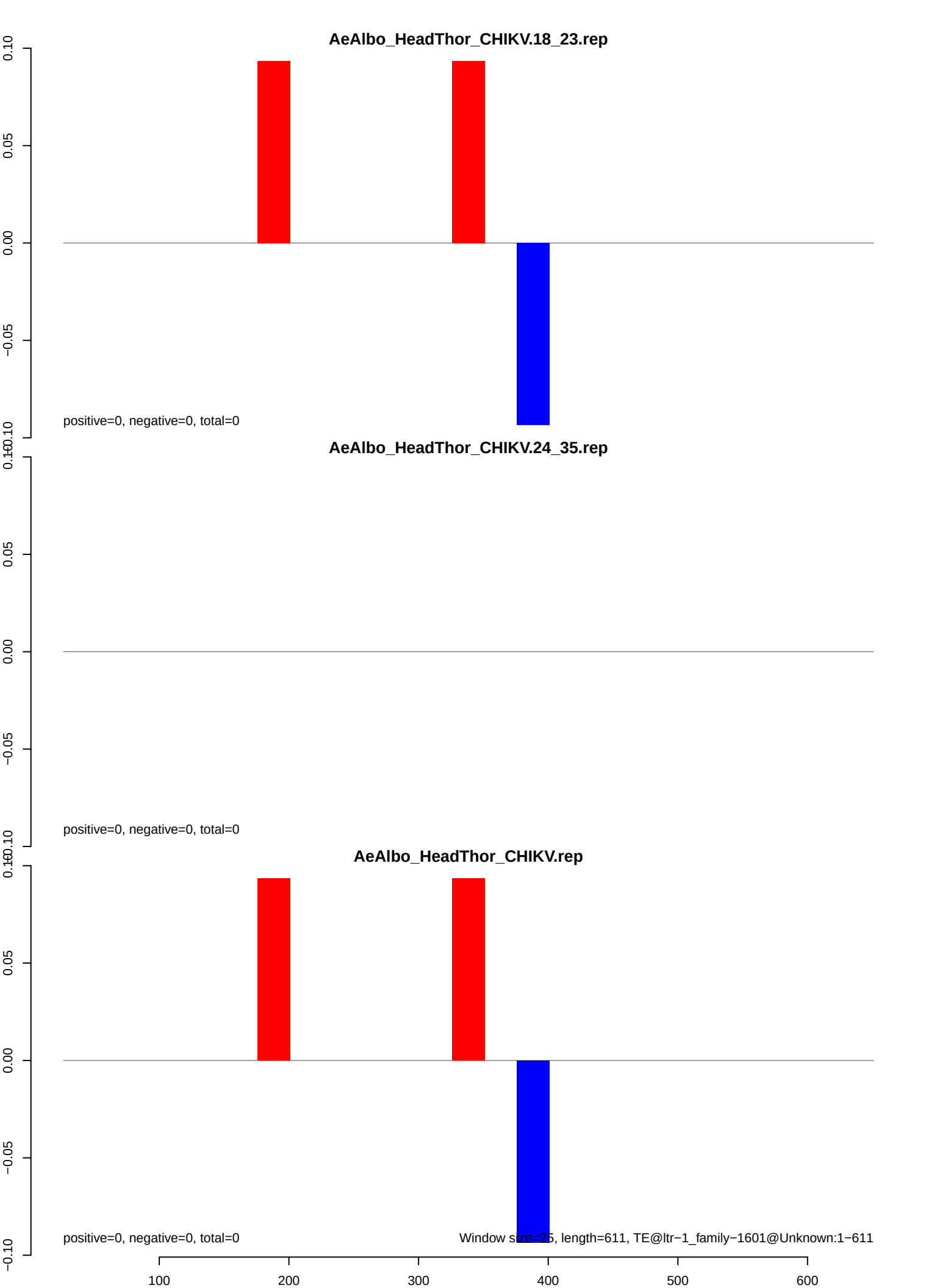

AeAlbo_HeadThor_CHIKV.18_23.rep
0
5
10
15
20
25
positive=27, negative=0, total=27
AeAlbo_HeadThor_CHIKV.24_35.rep
0
5
10
15
20
25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
5
10
15
20
25
positive=27, negative=0, total=27
Window size=25, length=585, TE@ltr−1_family−1733@LTR_Pao:1−585
100
200
300
400
500
600

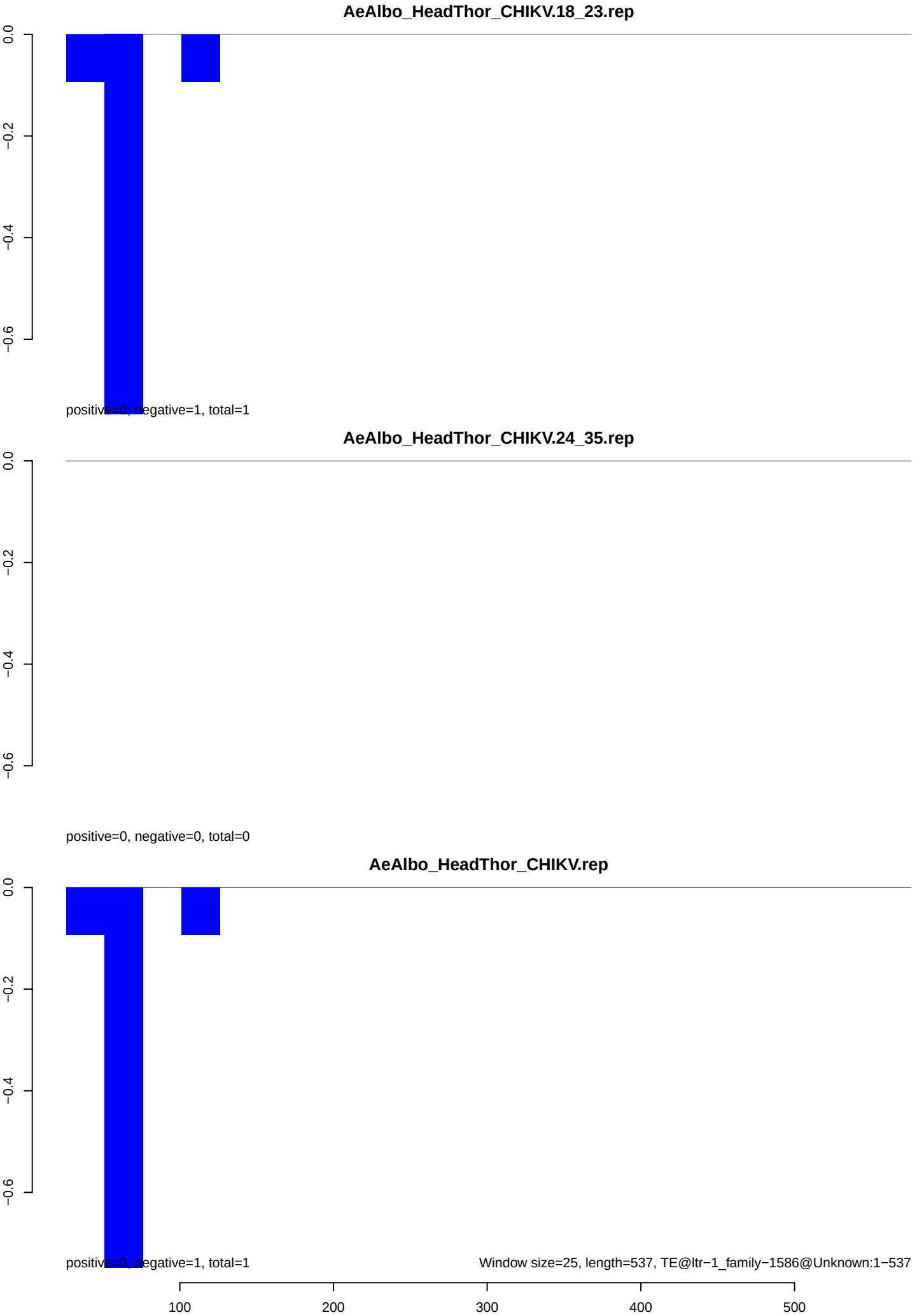

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=552, TE@ltr−1_family−1719@LTR_Gypsy:1−552
100
200
300
400
500
600

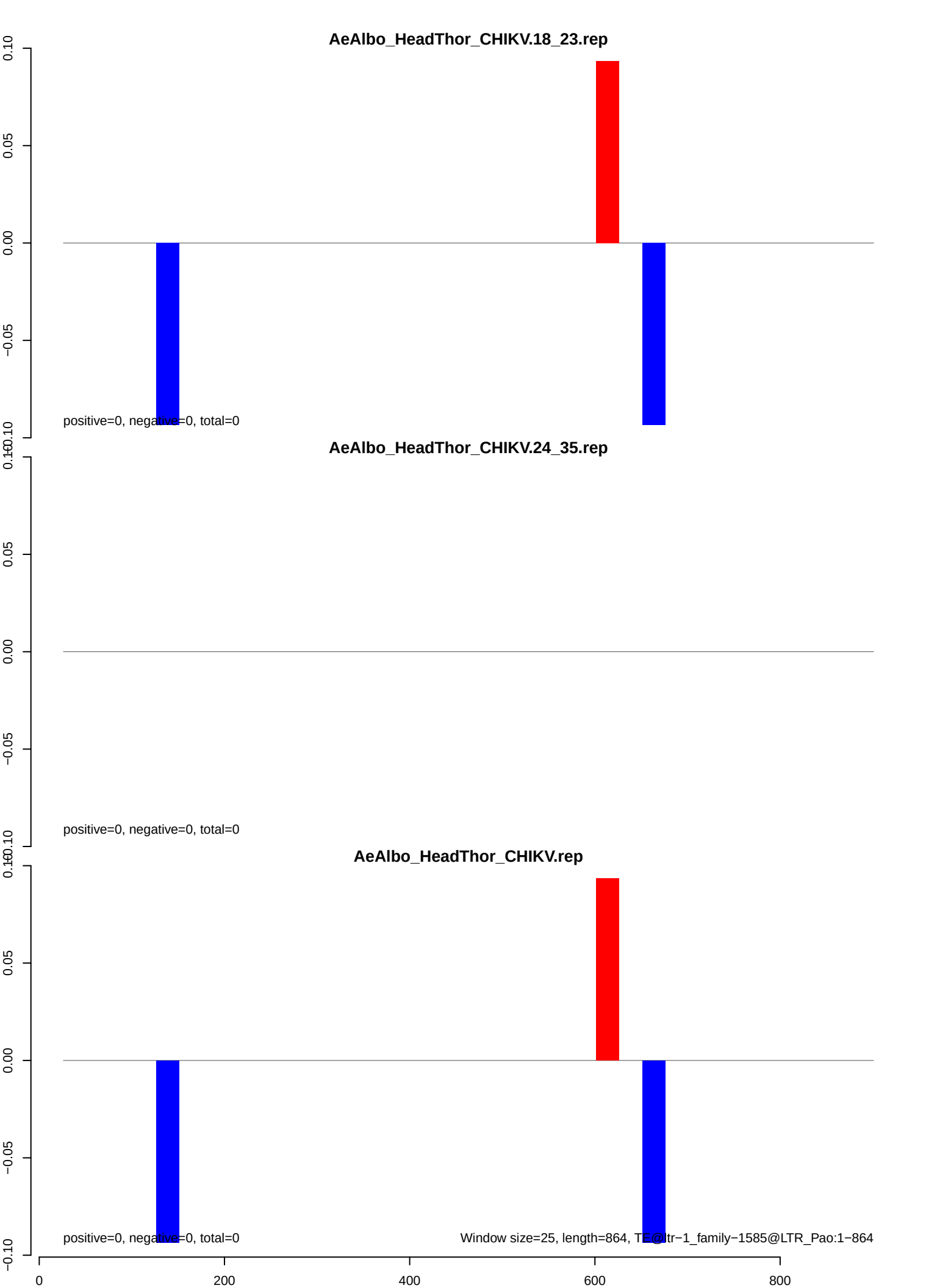

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=1, negative=0, total=1
Window size=25, length=698, TE@ltr−1_family−1682@Unknown:1−698
0
100
200
300
400
500
600
700

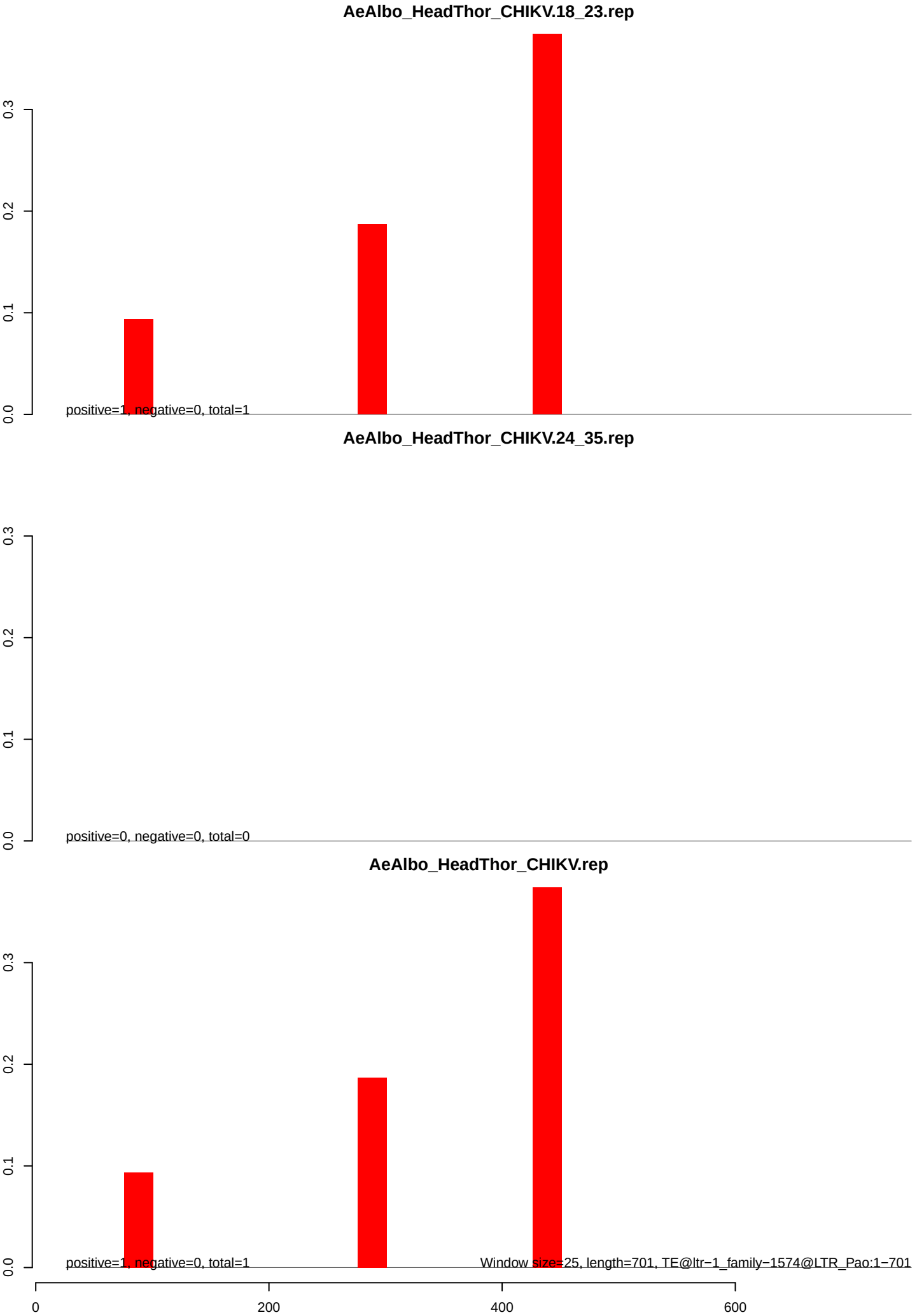

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=798, TE@ltr−1_family−1633@LTR_Gypsy:1−798
0
200
400
600
800

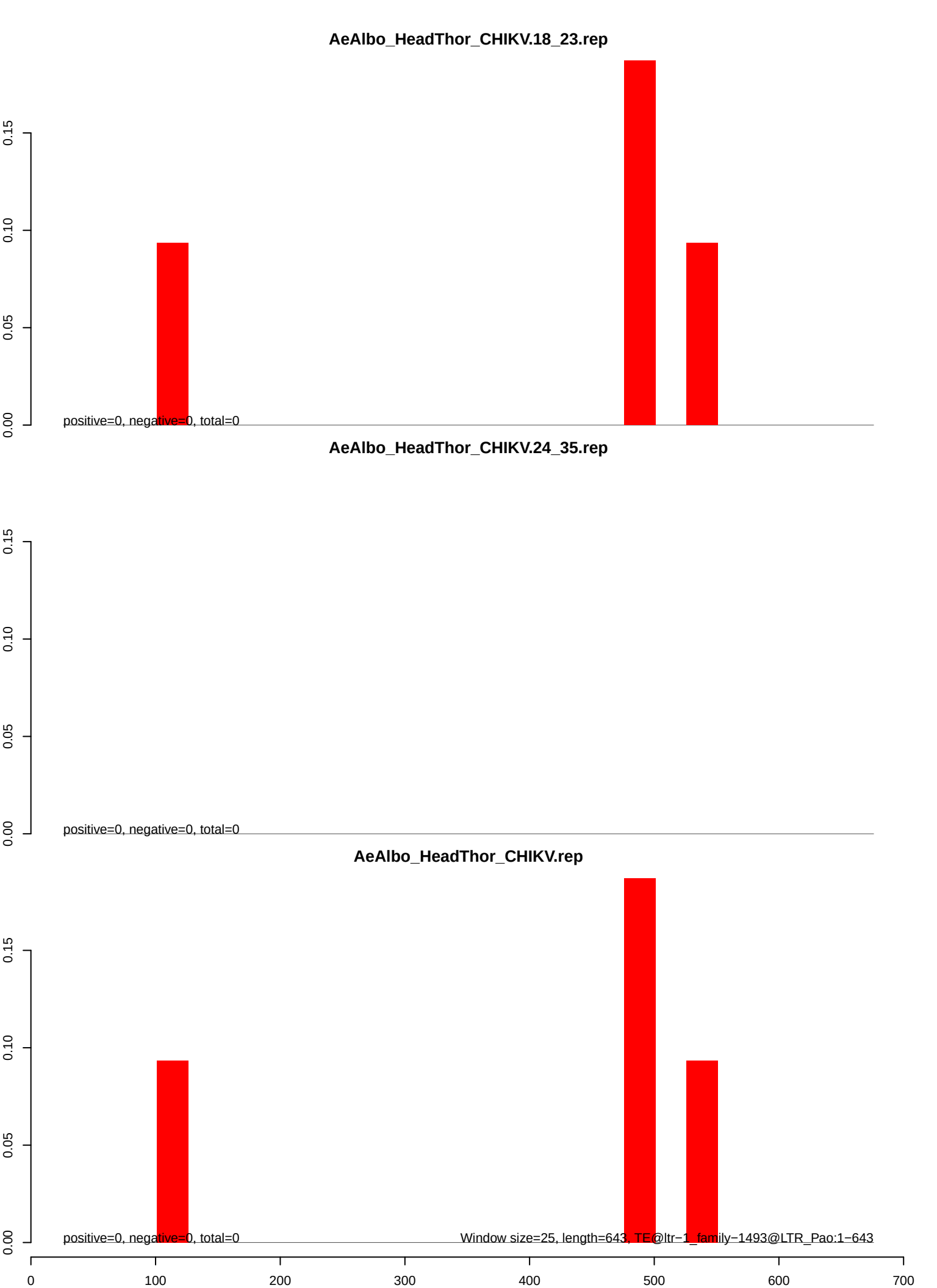

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=530, TE@ltr−1_family−1621@Unknown:1−530
100
200
300
400
500

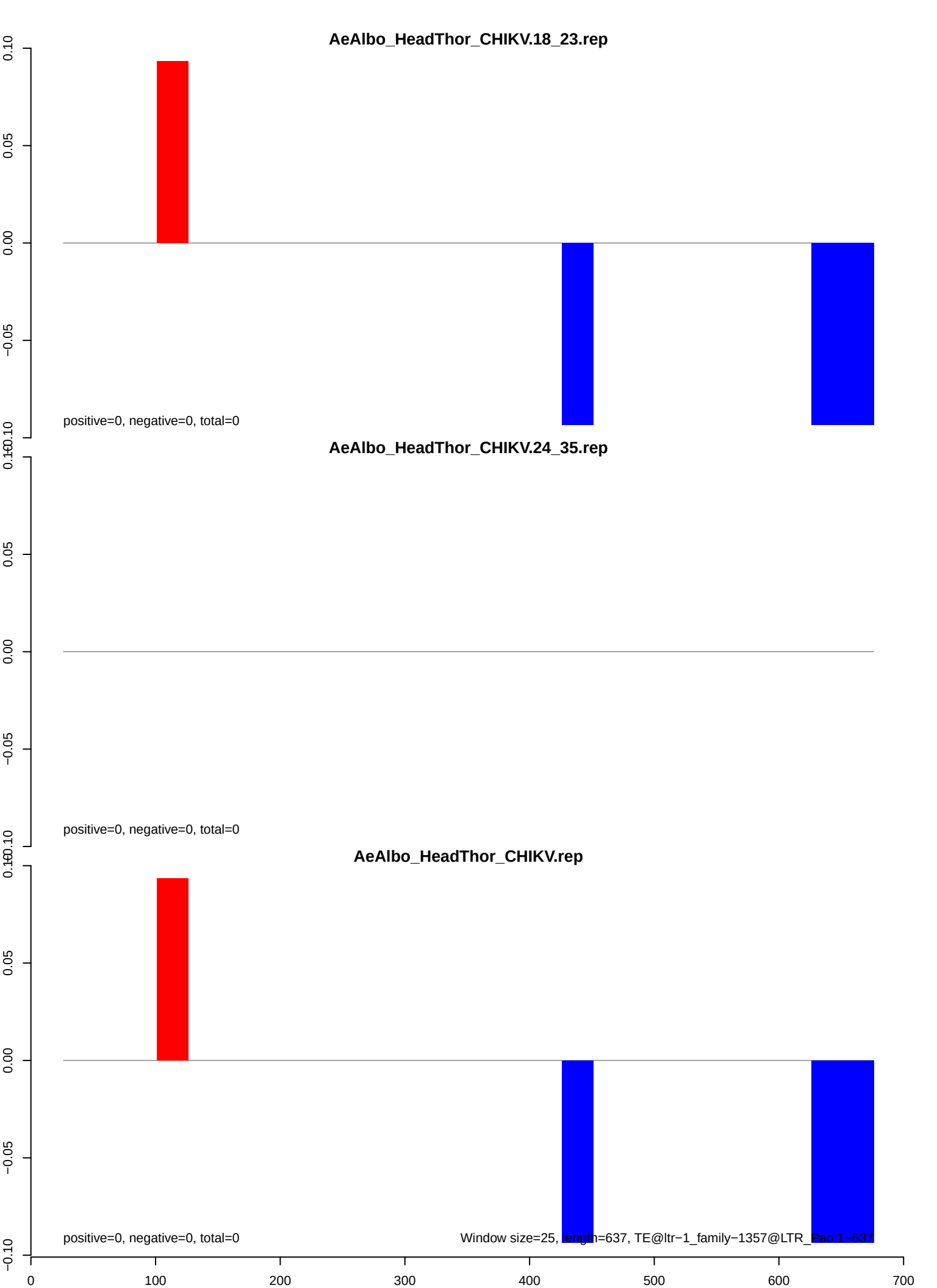

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=611, TE@ltr−1_family−1601@Unknown:1−611
100
200
300
400
500
600

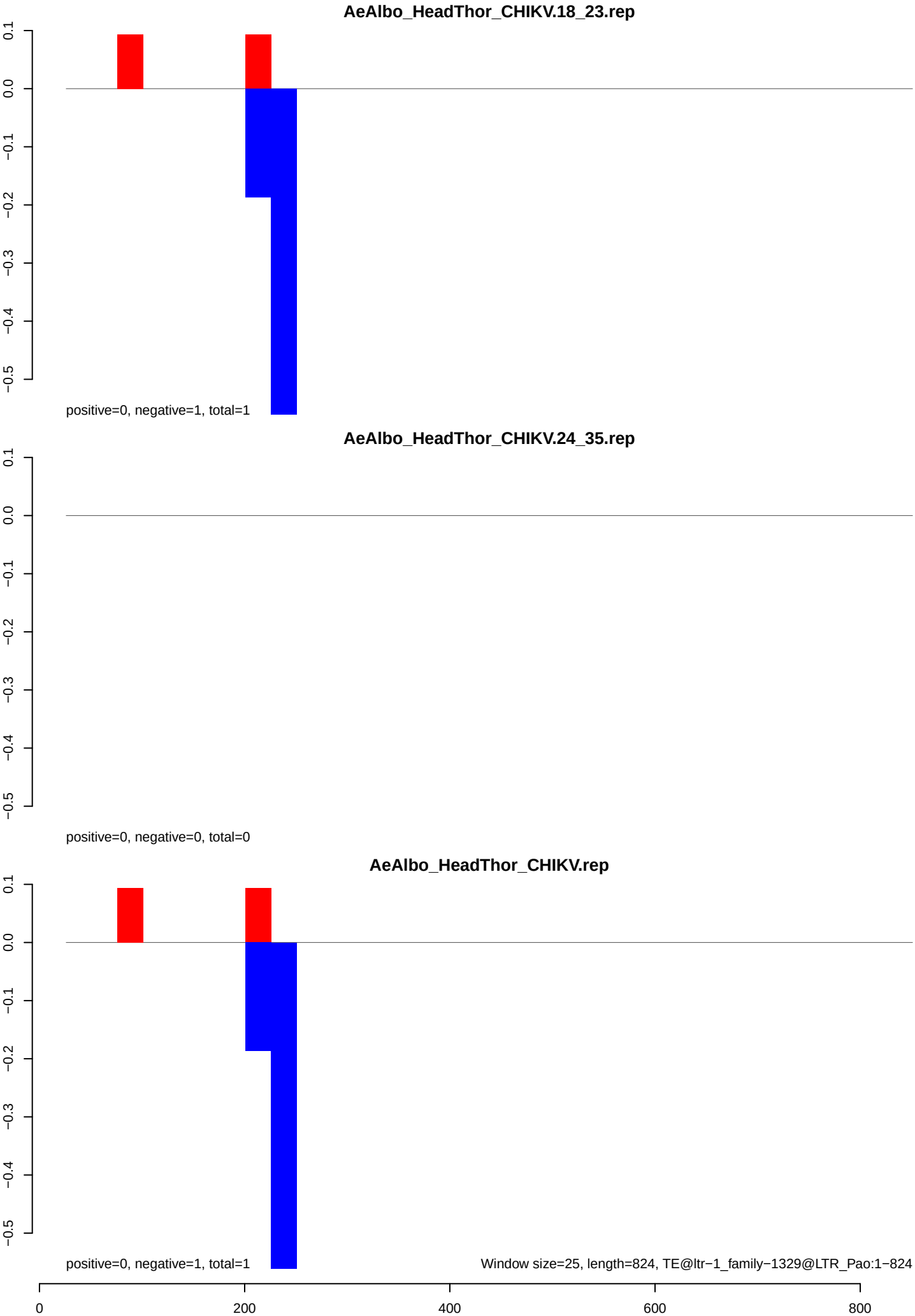

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=537, TE@ltr−1_family−1586@Unknown:1−537
100
200
300
400
500

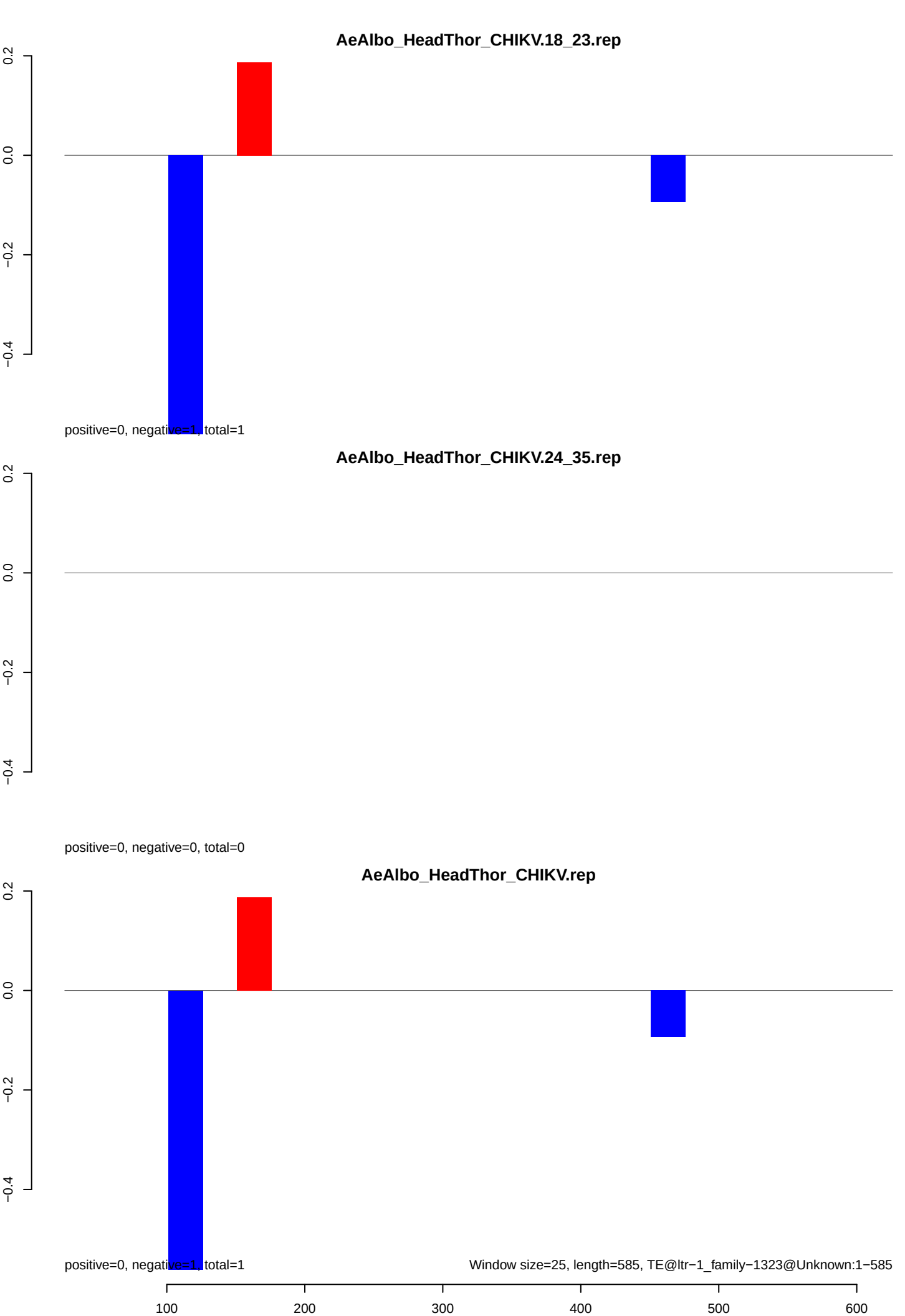

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=864, TE@ltr−1_family−1585@LTR_Pao:1−864
0
200
400
600
800

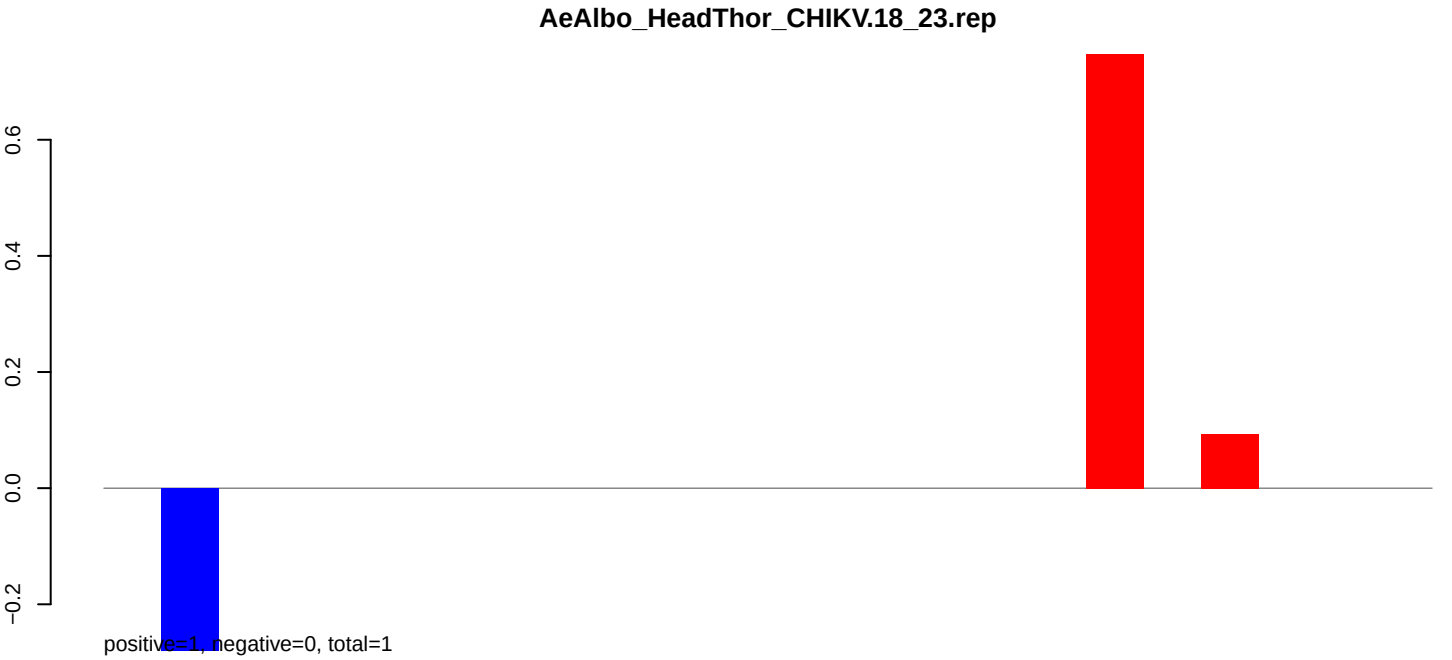

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
positive=1, negative=0, total=1
Window size=25, length=701, TE@ltr−1_family−1574@LTR_Pao:1−701
0
200
400
600

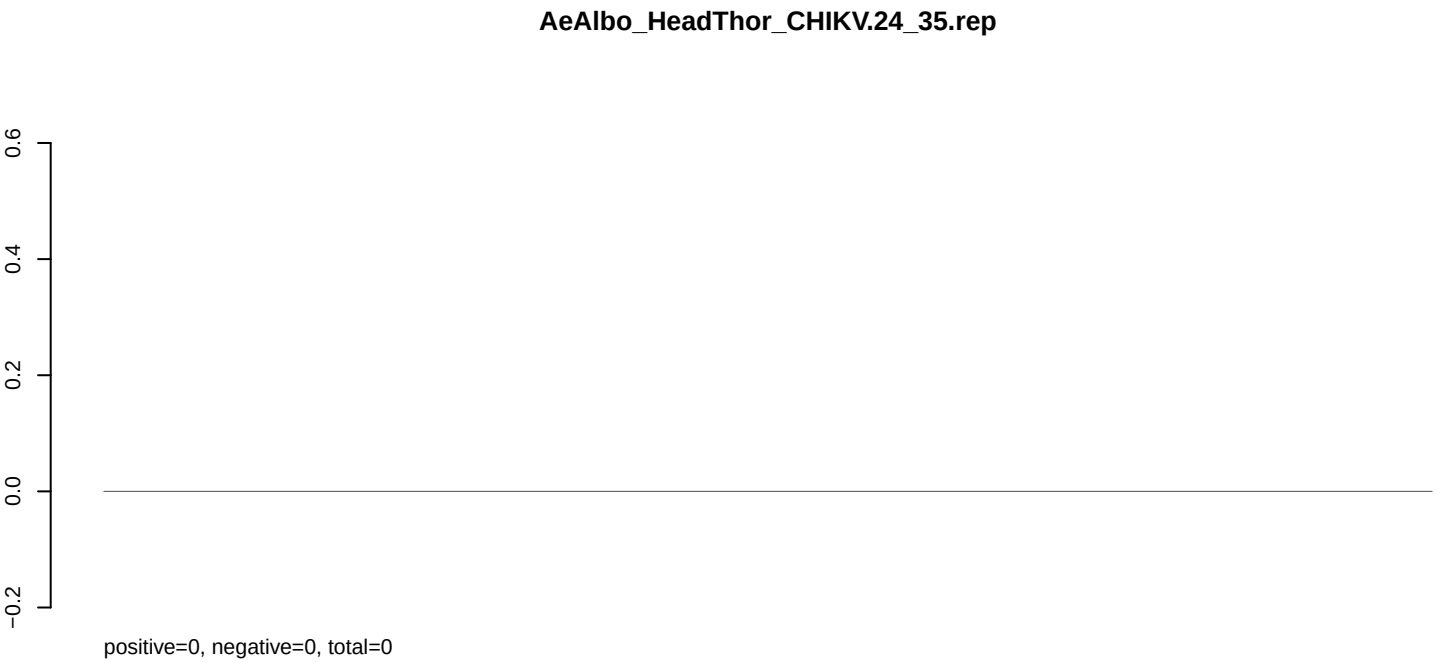

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=643, TE@ltr−1_family−1493@LTR_Pao:1−643
0
100
200
300
400
500
600
700

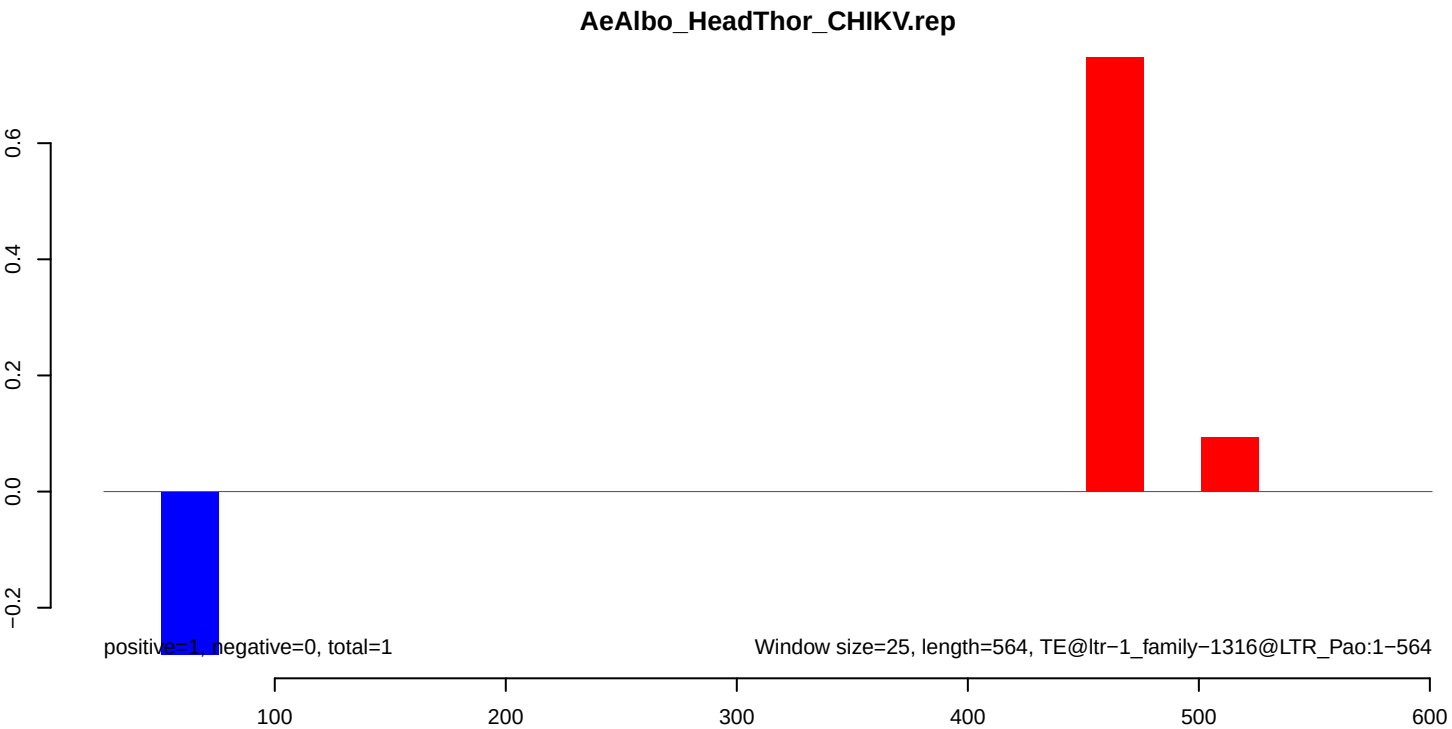

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=637, TE@ltr−1_family−1357@LTR_Pao:1−637
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700

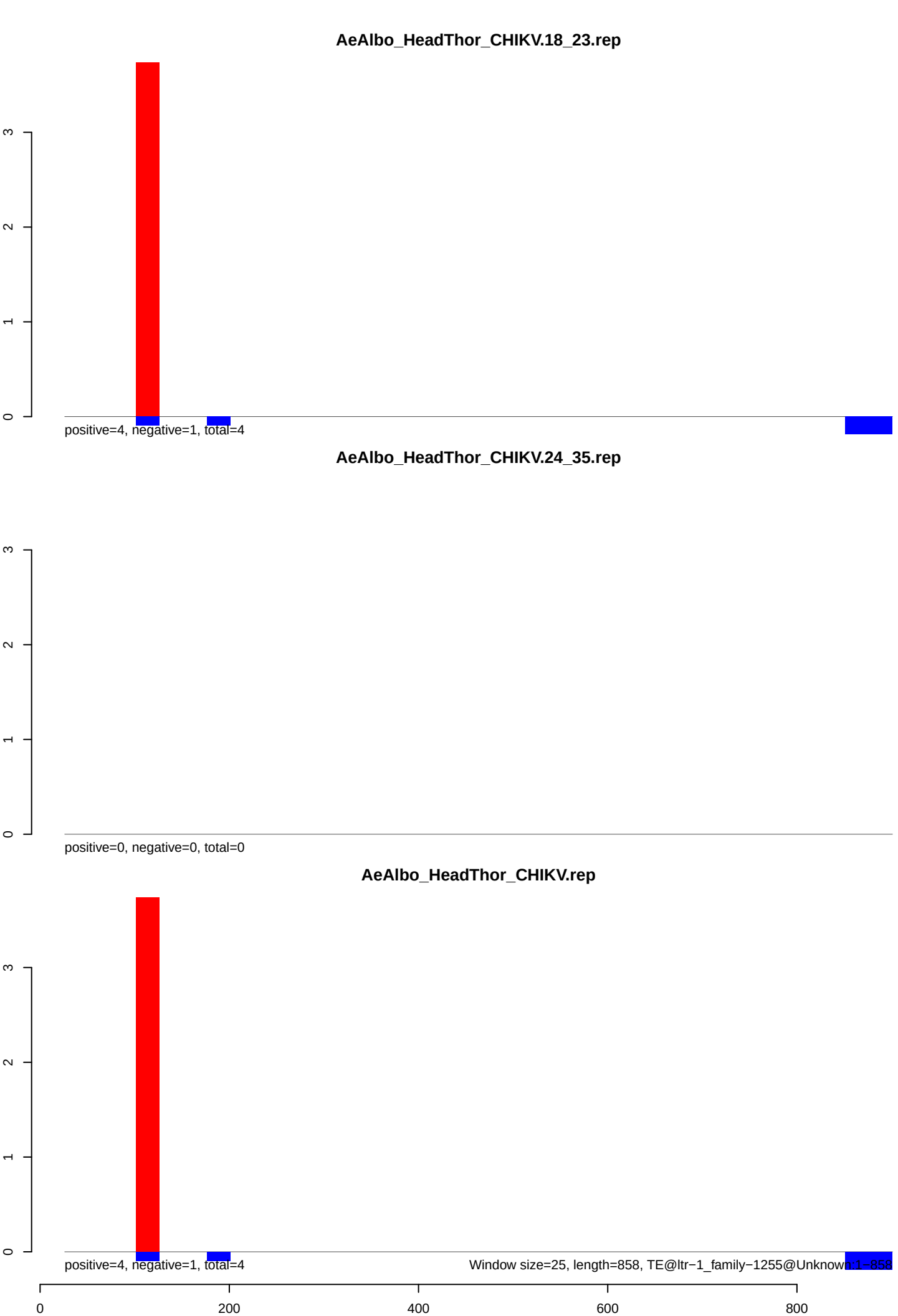

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=824, TE@ltr−1_family−1329@LTR_Pao:1−824
0
200
400
600
800

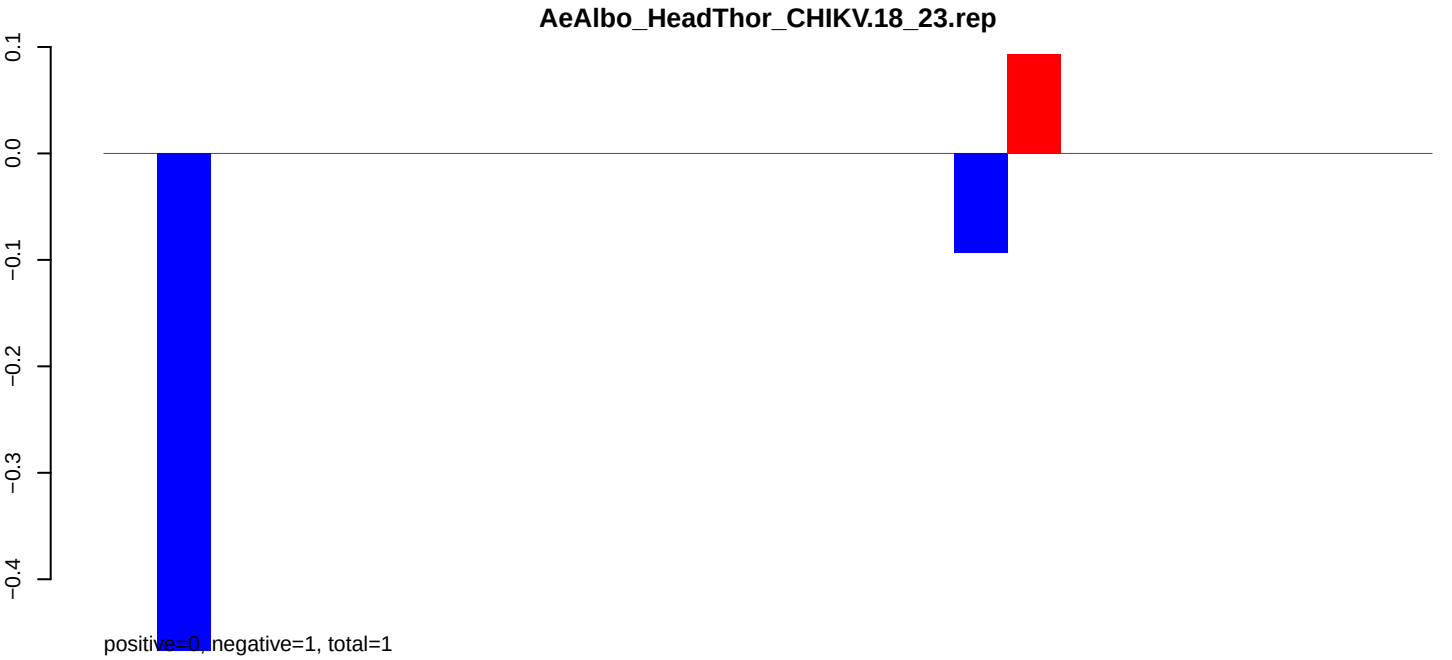

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
Window size=25, length=585, TE@ltr−1_family−1323@Unknown:1−585
100
200
300
400
500
600

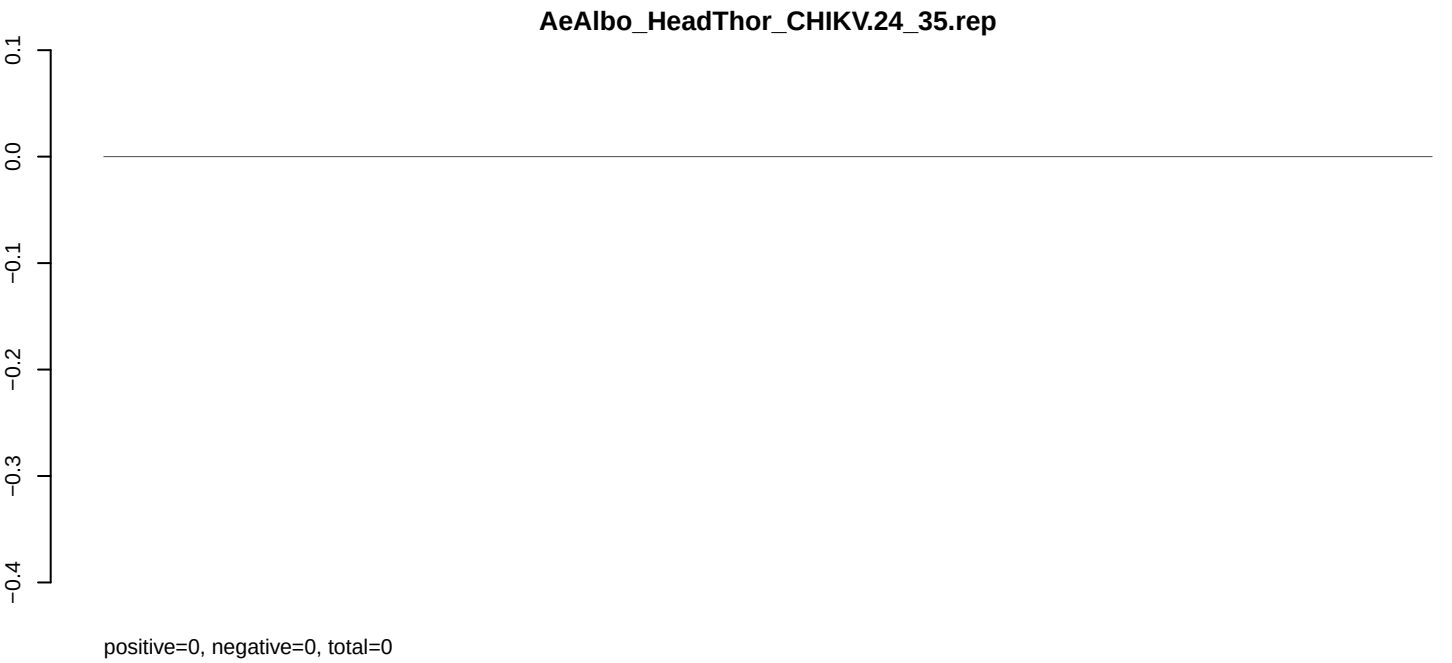

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1

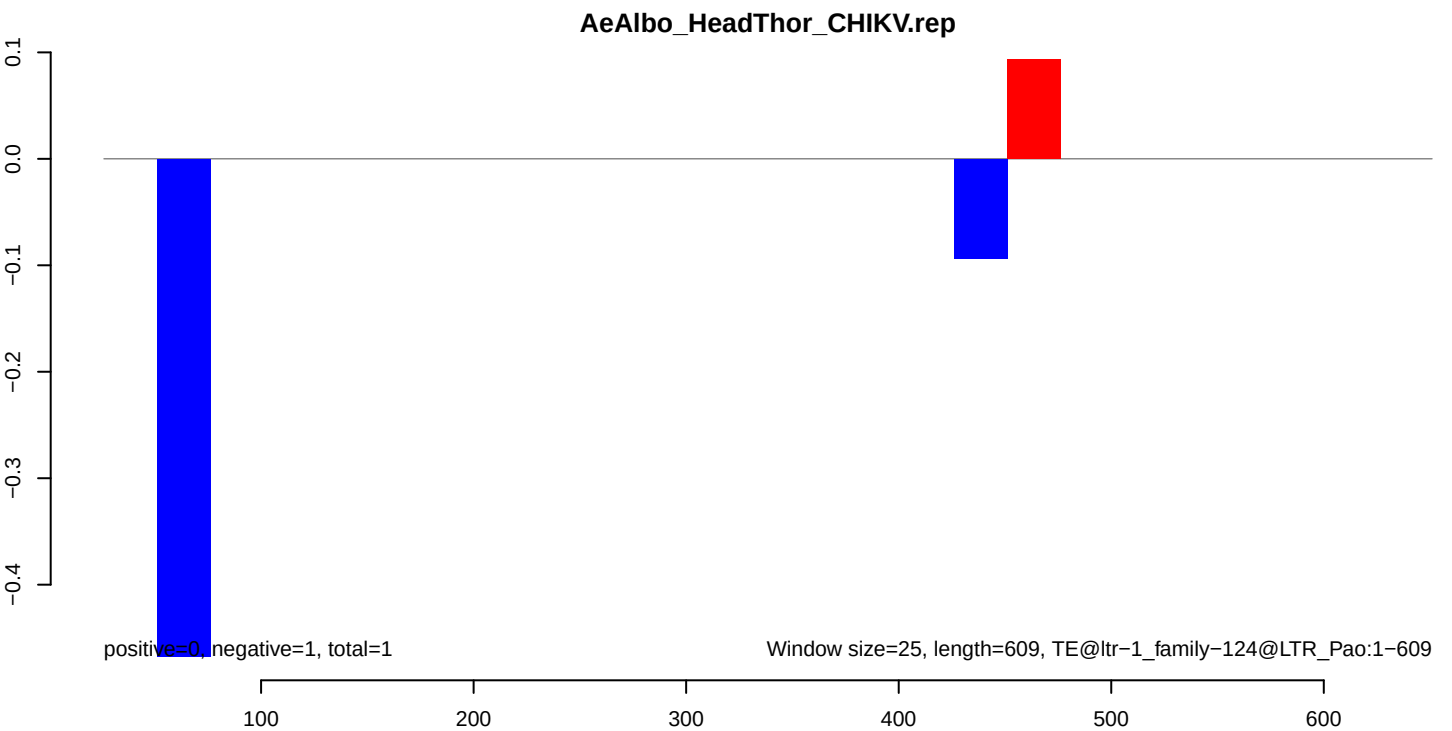

AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0

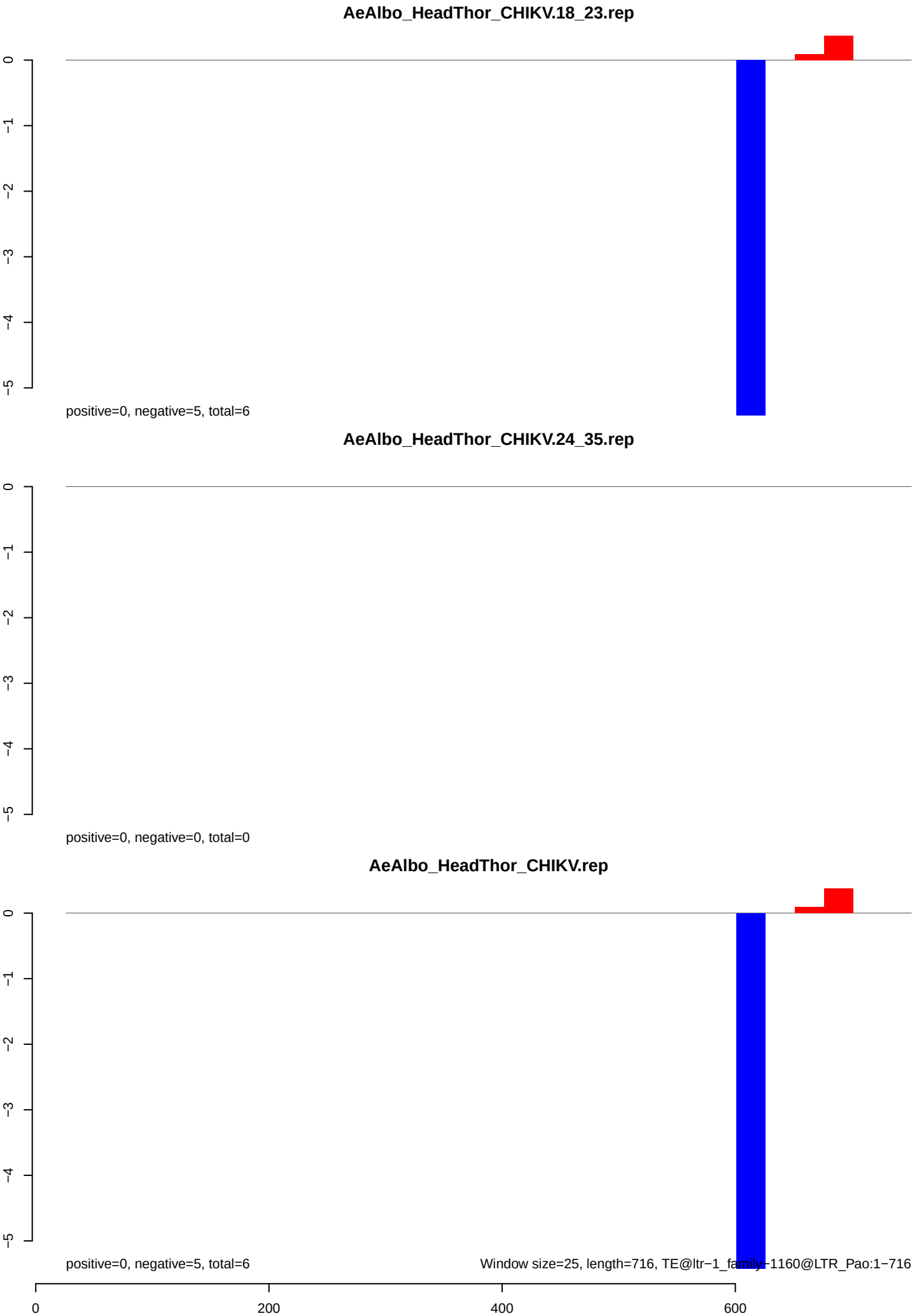

AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
Window size=25, length=564, TE@ltr−1_family−1316@LTR_Pao:1−564
100
200
300
400
500
600

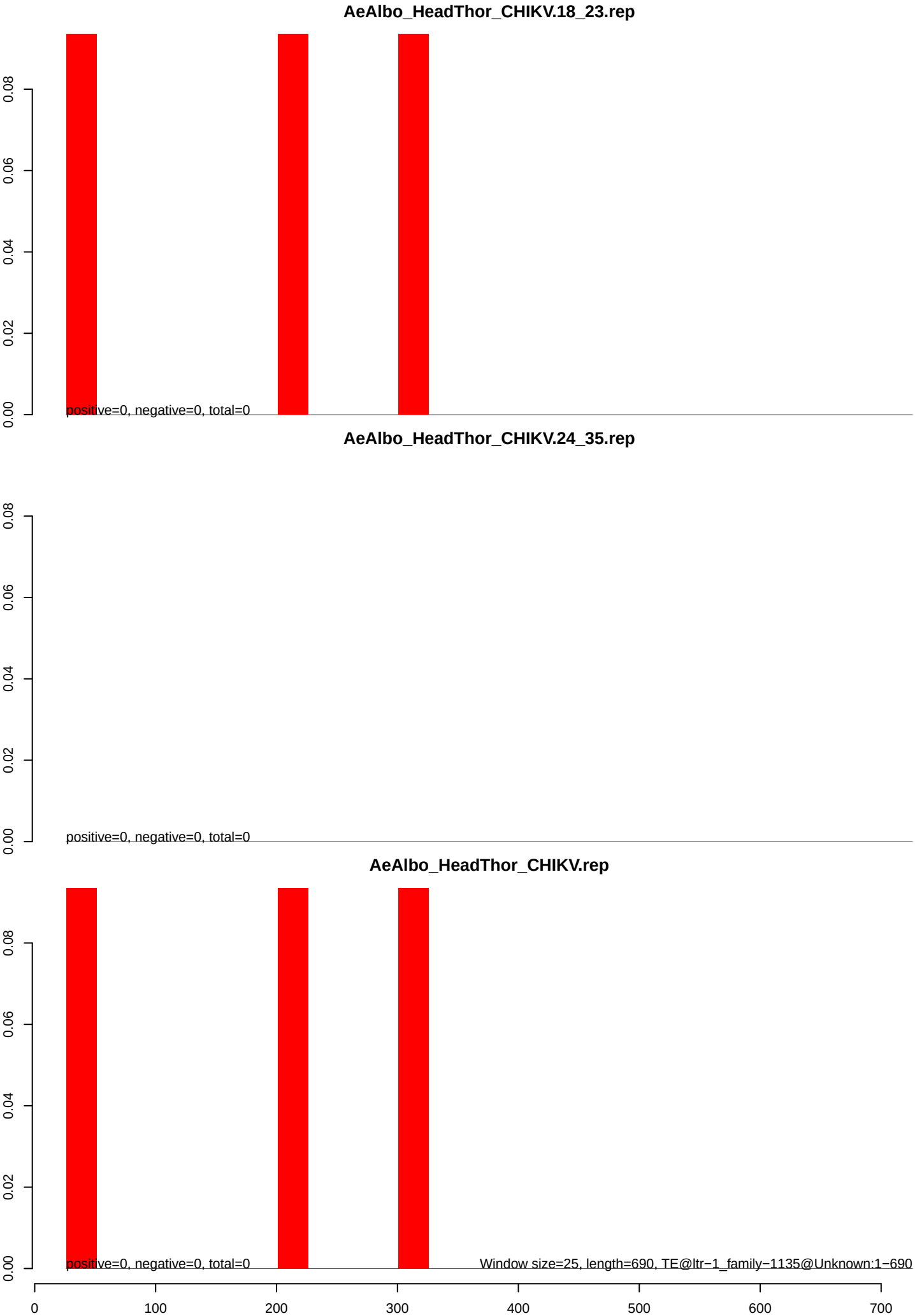

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
positive=4, negative=1, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
positive=4, negative=1, total=4
Window size=25, length=858, TE@ltr−1_family−1255@Unknown:1−858
0
200
400
600
800

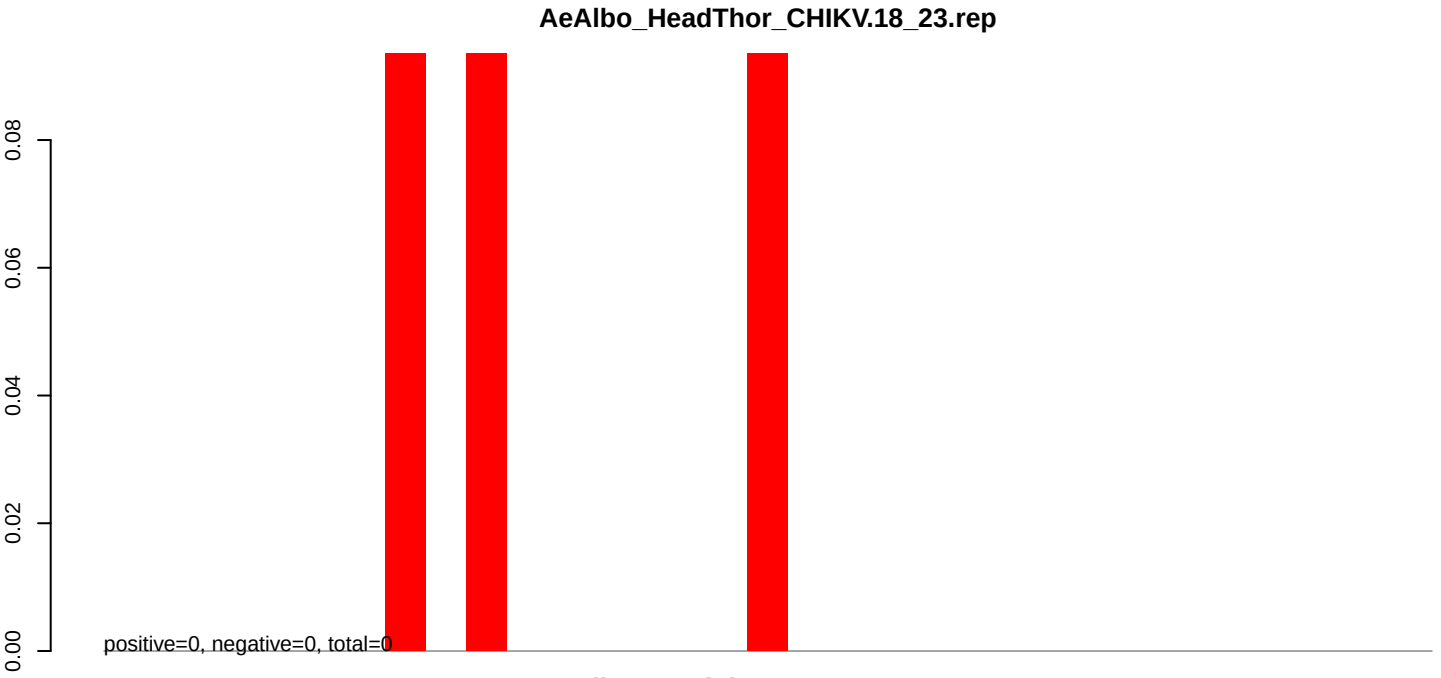

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1

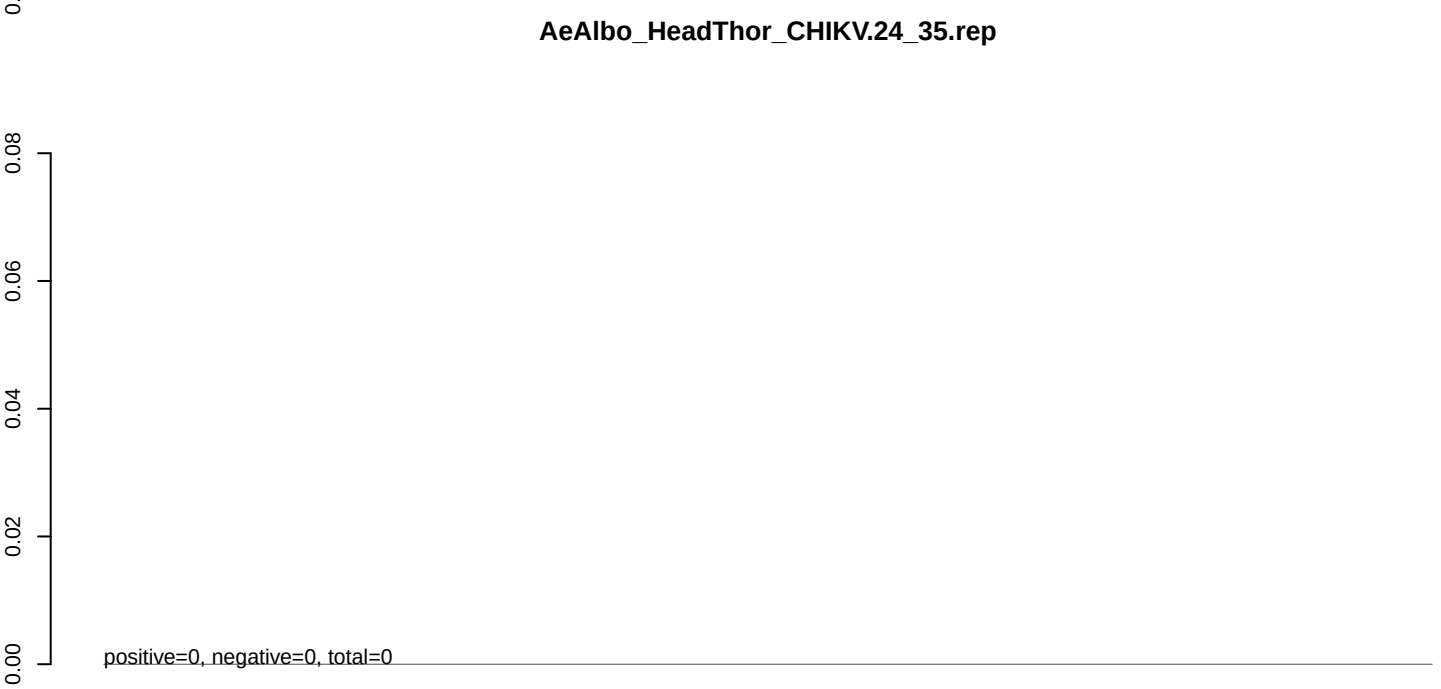

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

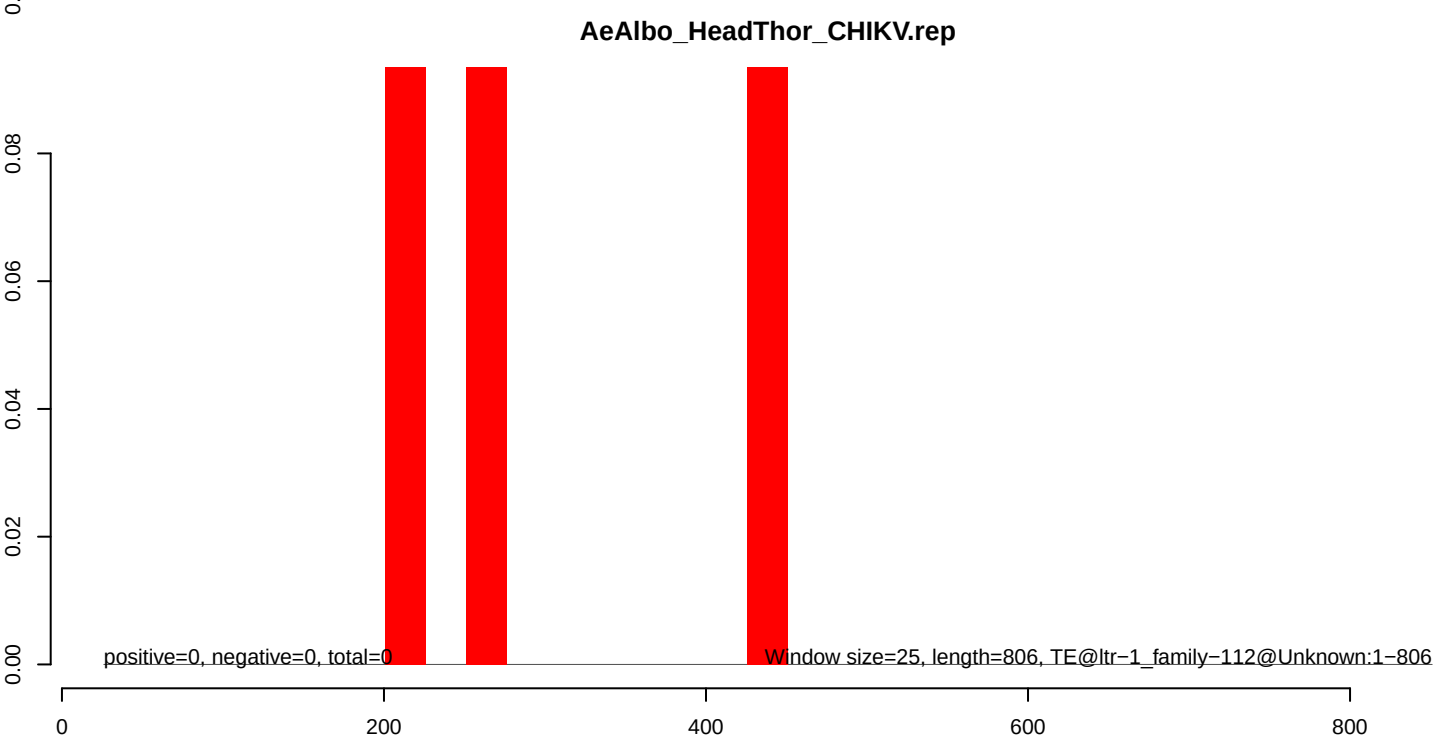

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=609, TE@ltr−1_family−124@LTR_Pao:1−609
100
200
300
400
500
600

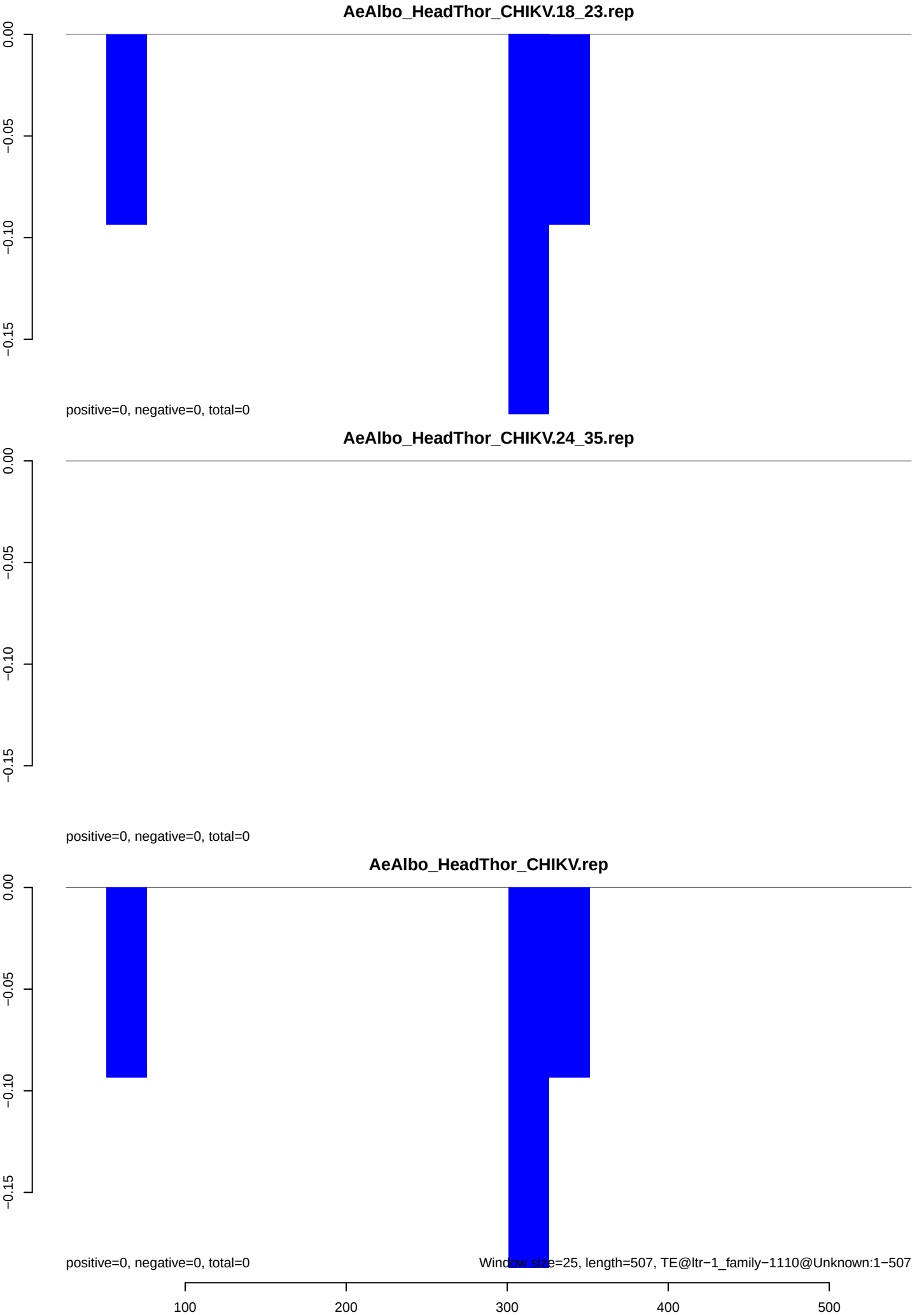

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
−5
positive=0, negative=5, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
−5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
−5
positive=0, negative=5, total=6
Window size=25, length=716, TE@ltr−1_family−1160@LTR_Pao:1−716
0
200
400
600

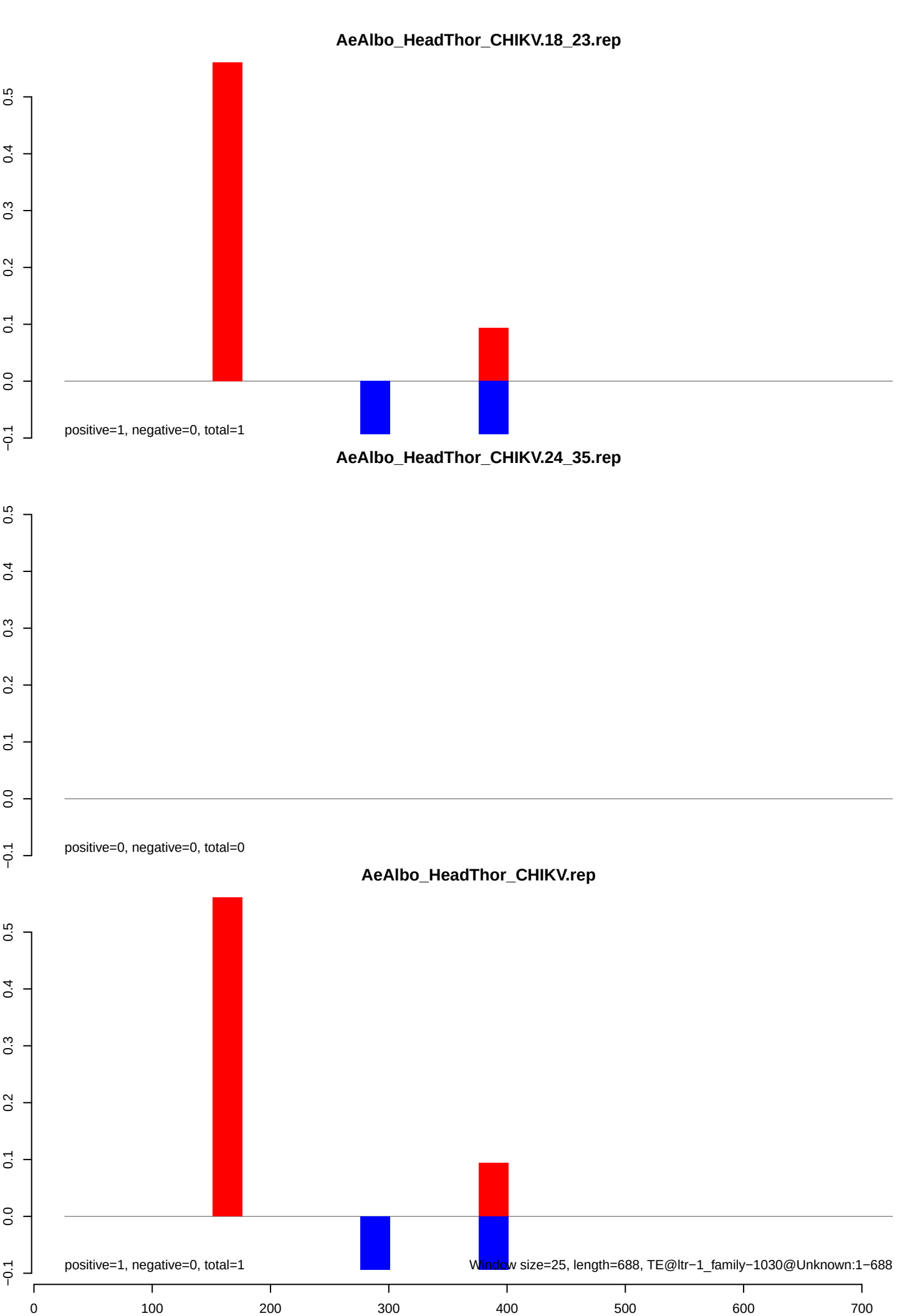

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=690, TE@ltr−1_family−1135@Unknown:1−690
0
100
200
300
400
500
600
700

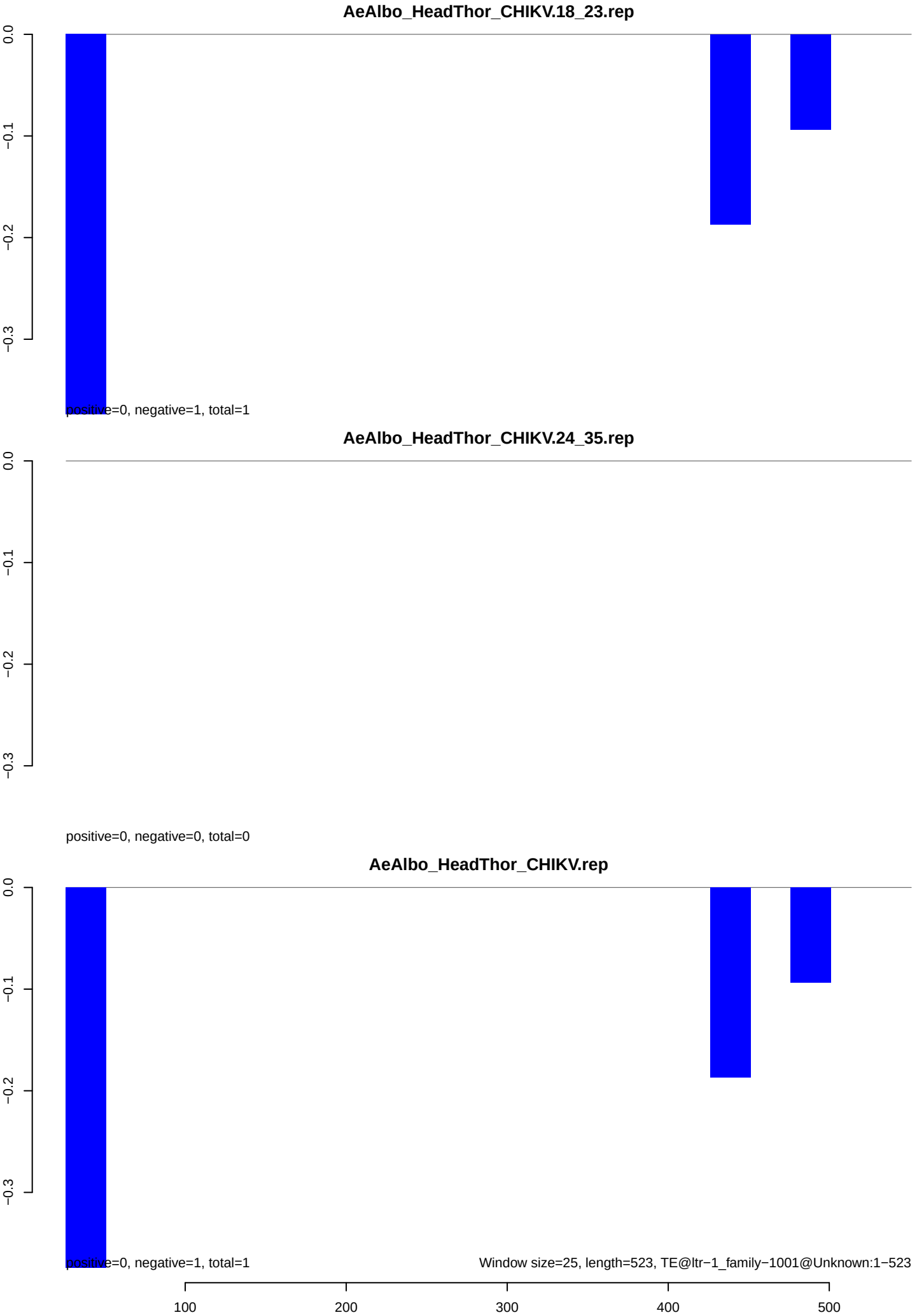

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

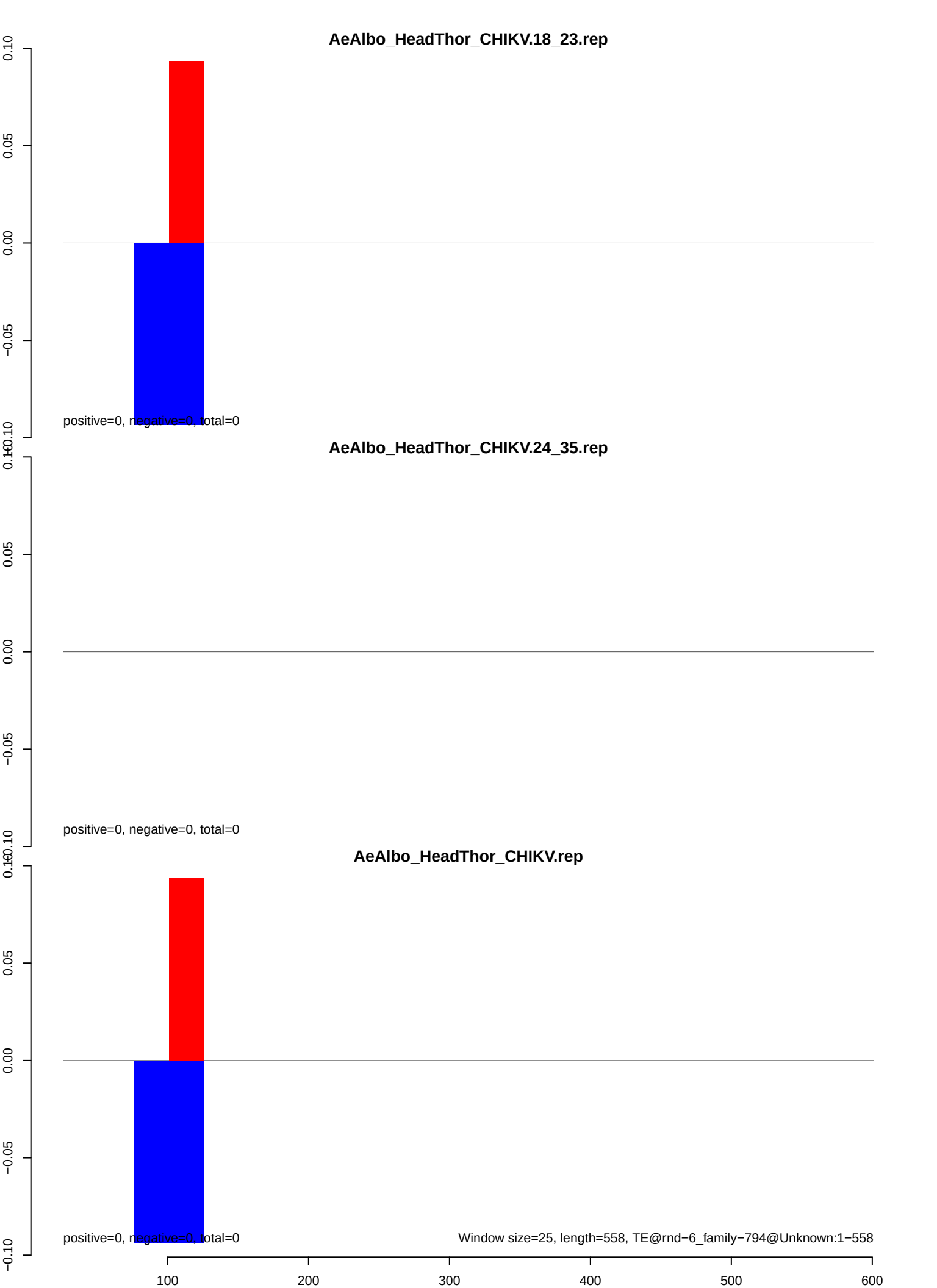

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

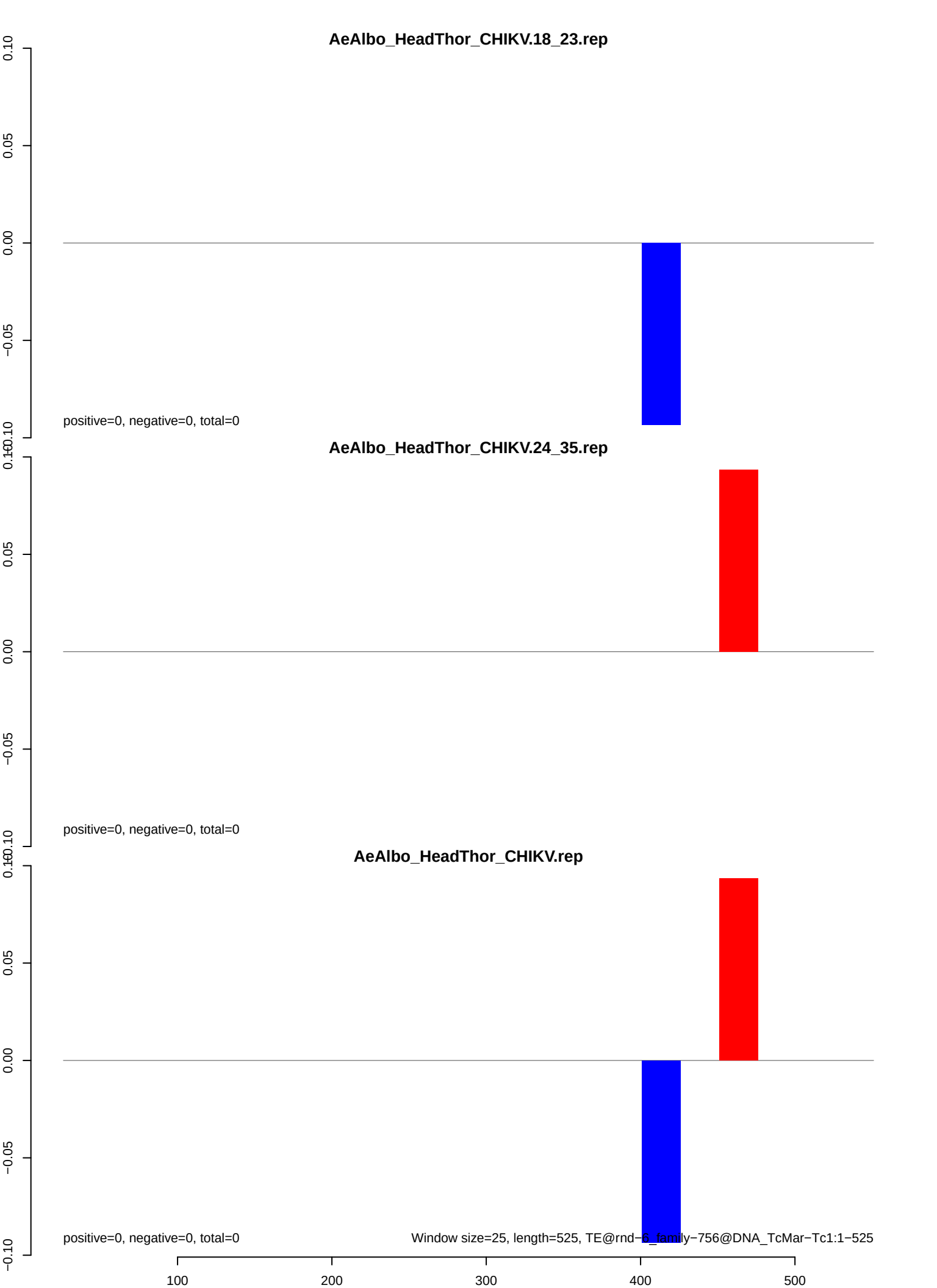

AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=806, TE@ltr−1_family−112@Unknown:1−806
0
200
400
600
800

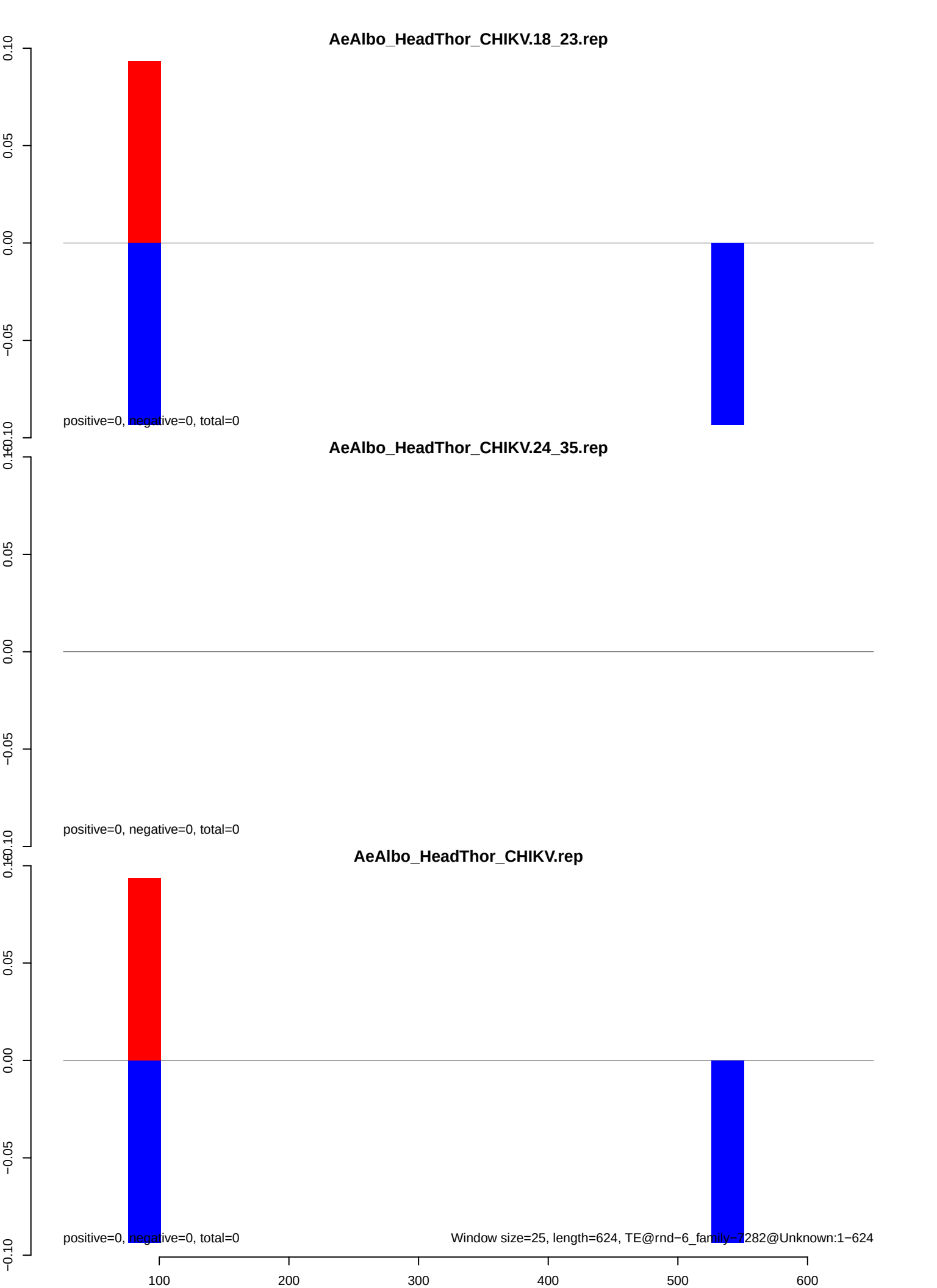

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=507, TE@ltr−1_family−1110@Unknown:1−507
100
200
300
400
500

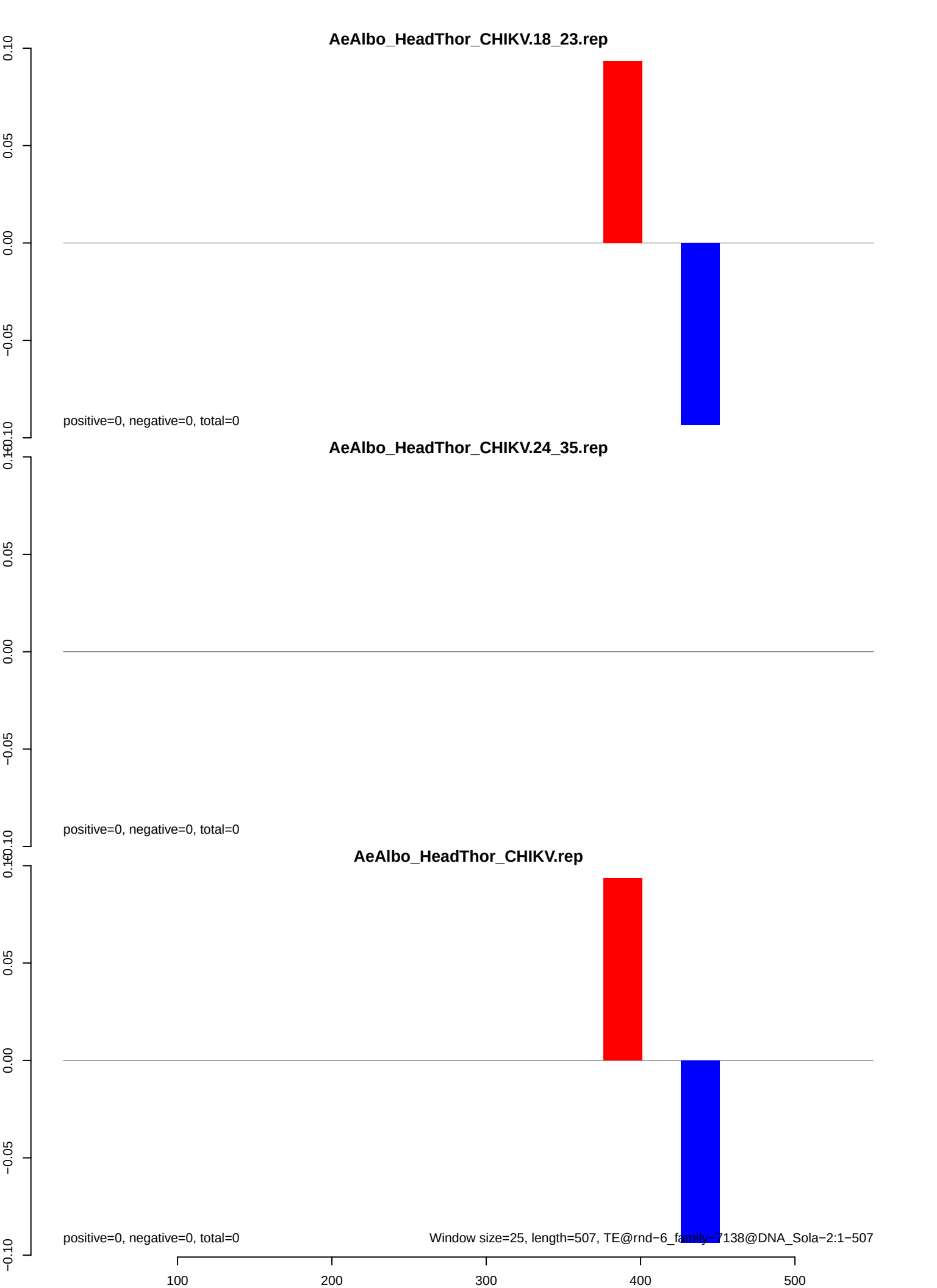

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=1, negative=0, total=1
Window size=25, length=688, TE@ltr−1_family−1030@Unknown:1−688
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
100
200
300
400
500
600
700

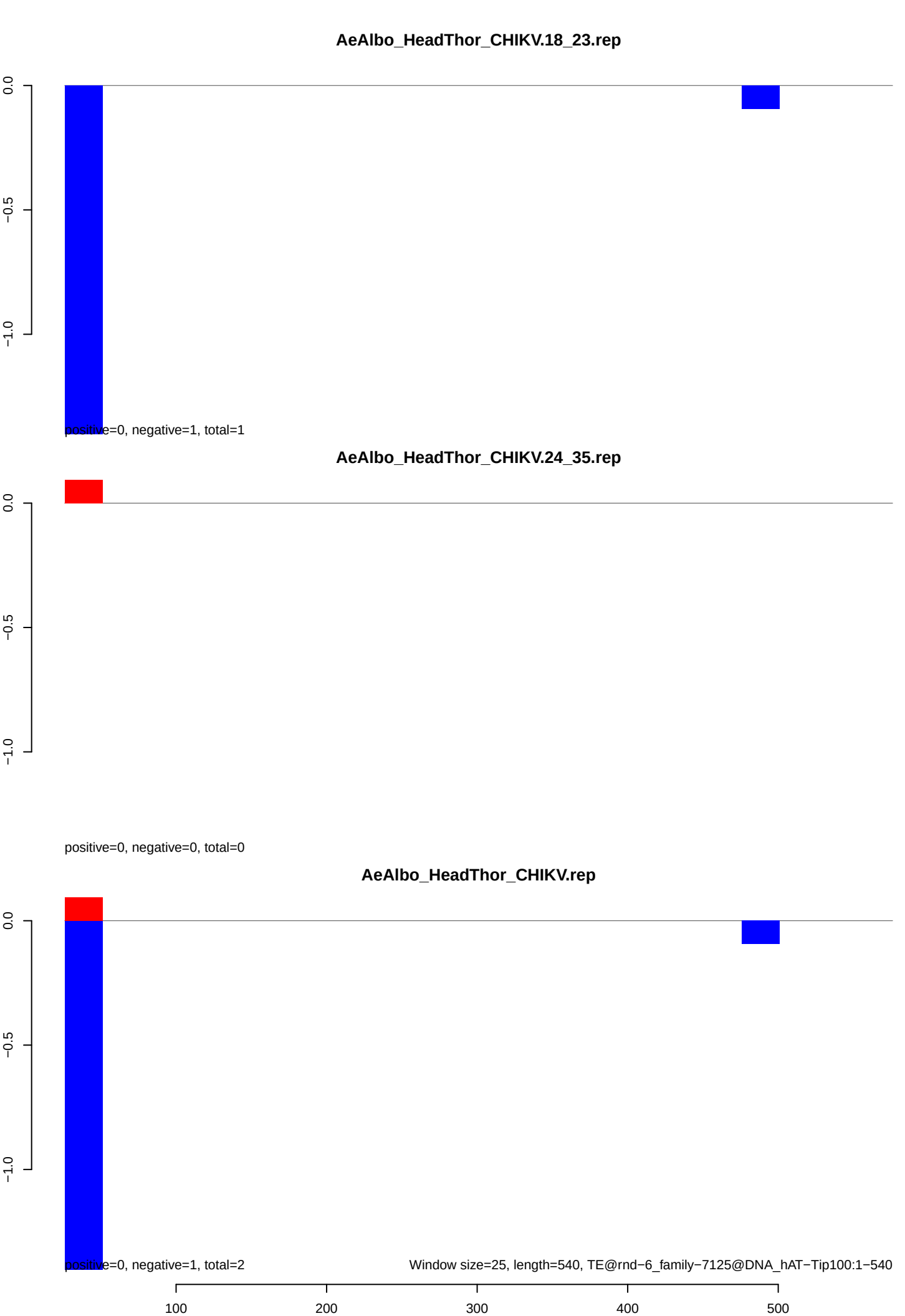

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
Window size=25, length=523, TE@ltr−1_family−1001@Unknown:1−523
100
200
300
400
500

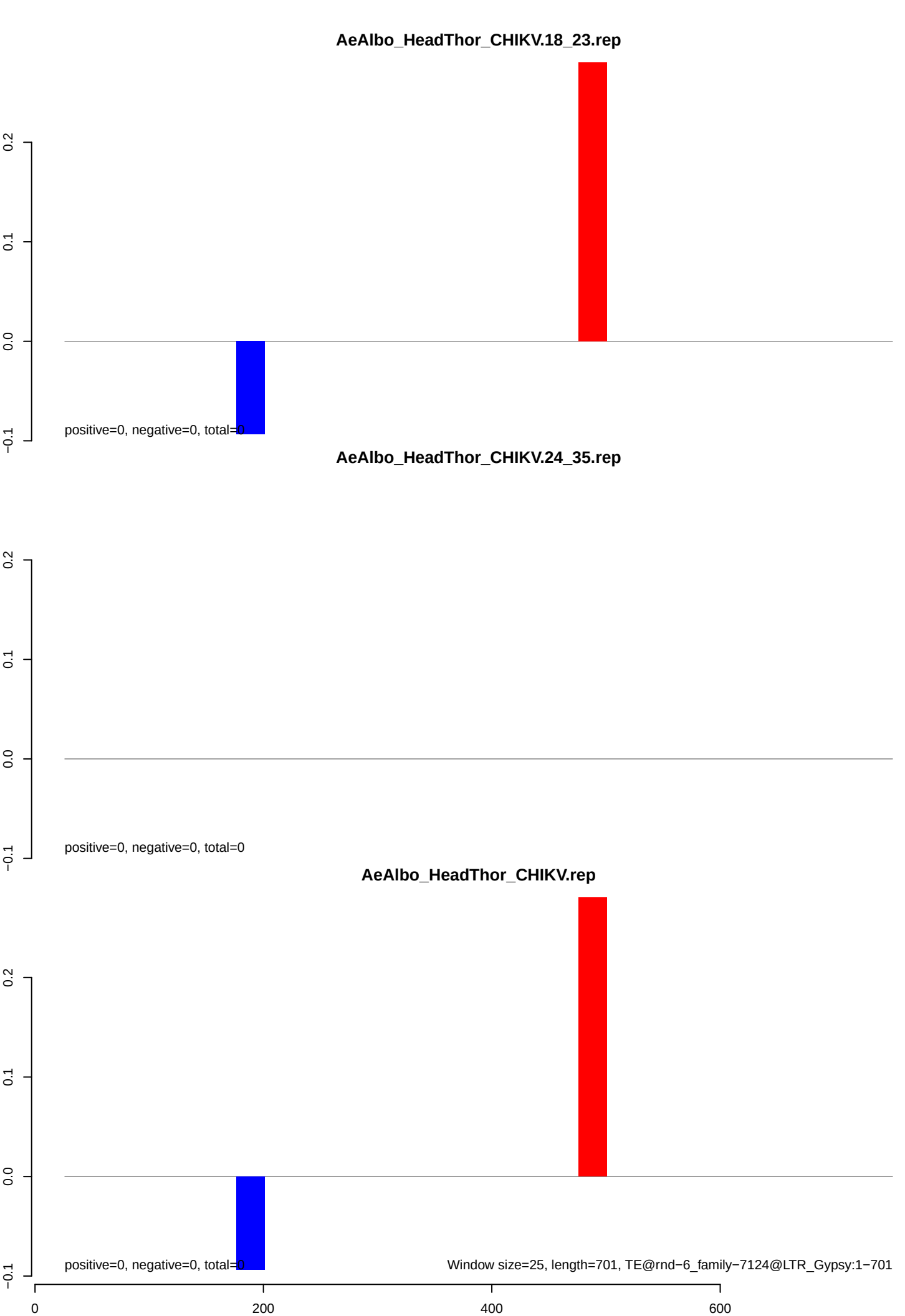

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=558, TE@rnd−6_family−794@Unknown:1−558
100
200
300
400
500
600

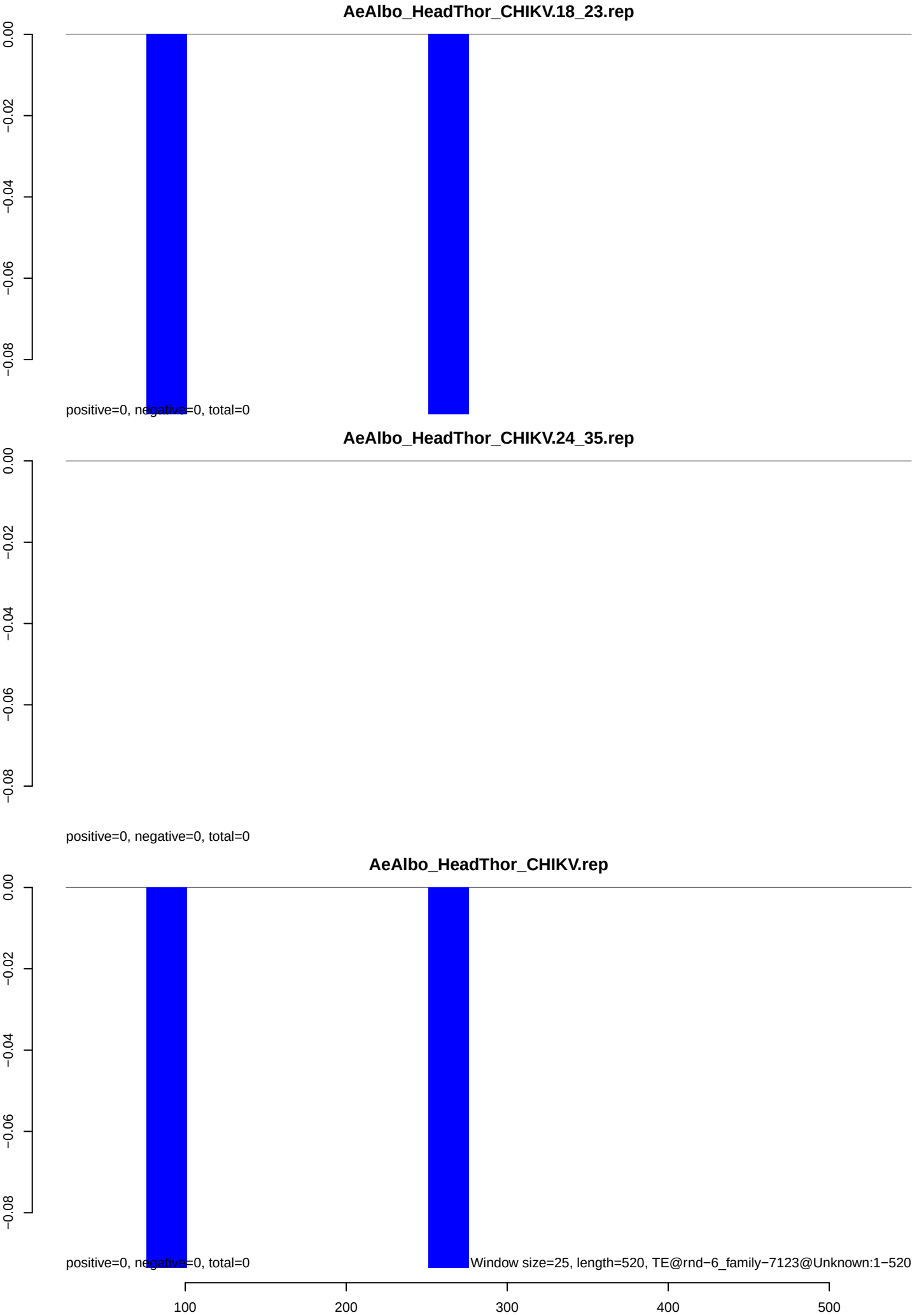

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=525, TE@rnd−6_family−756@DNA_TcMar−Tc1:1−525
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=624, TE@rnd−6_family−7282@Unknown:1−624
100
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=507, TE@rnd−6_family−7138@DNA_Sola−2:1−507
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=0, negative=1, total=2
Window size=25, length=540, TE@rnd−6_family−7125@DNA_hAT−Tip100:1−540
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
Window size=25, length=701, TE@rnd−6_family−7124@LTR_Gypsy:1−701
0
200
400
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=520, TE@rnd−6_family−7123@Unknown:1−520
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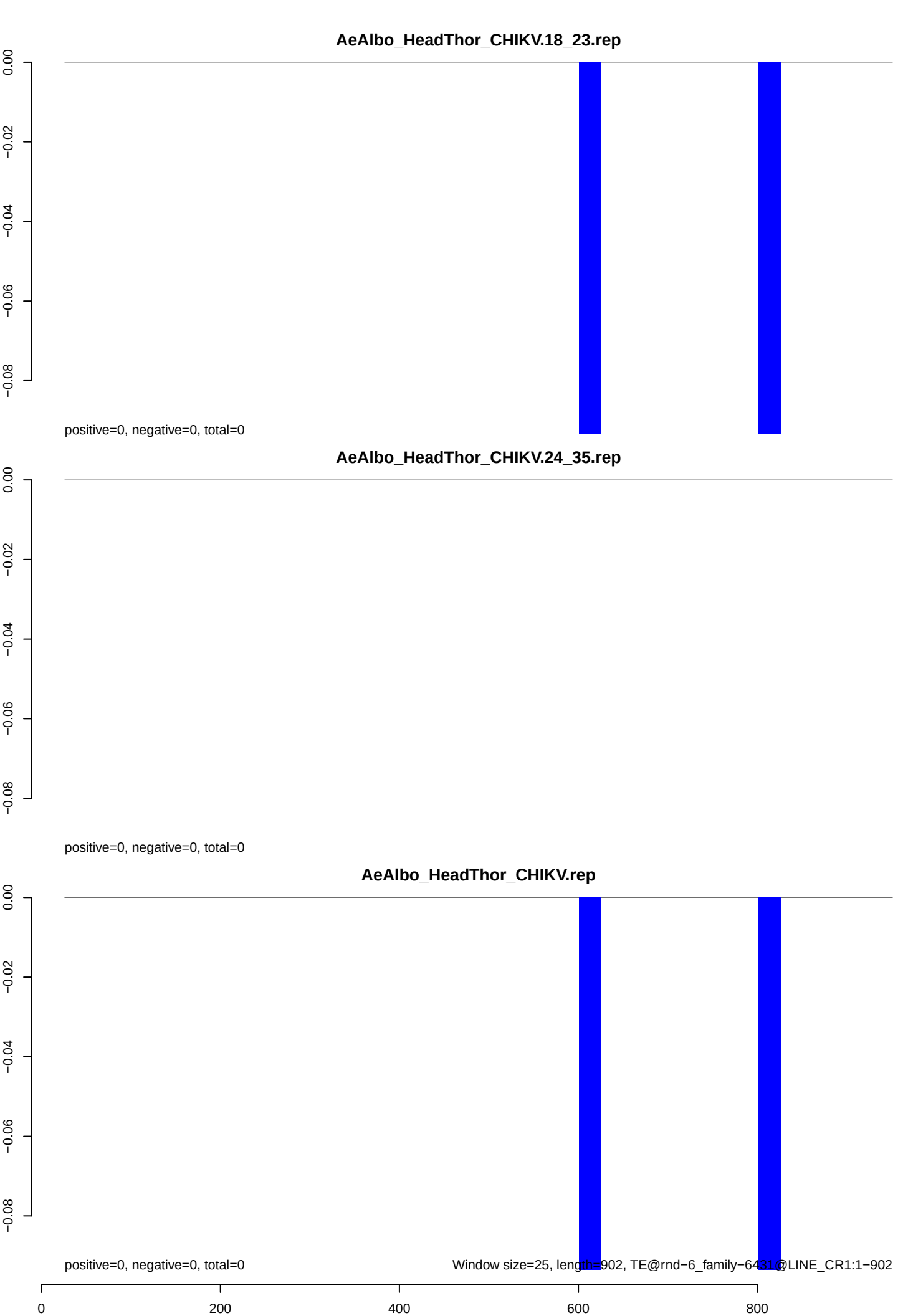
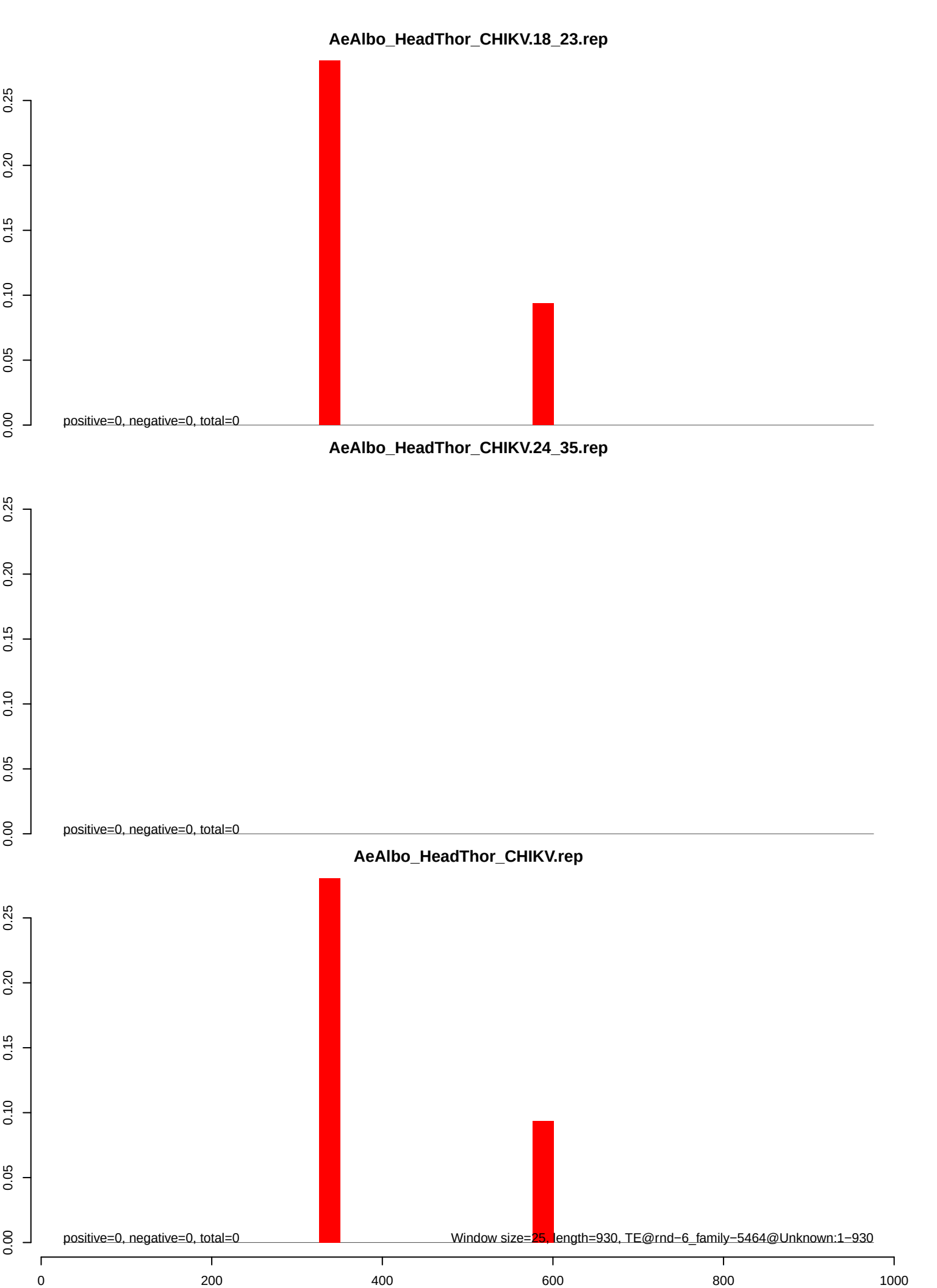
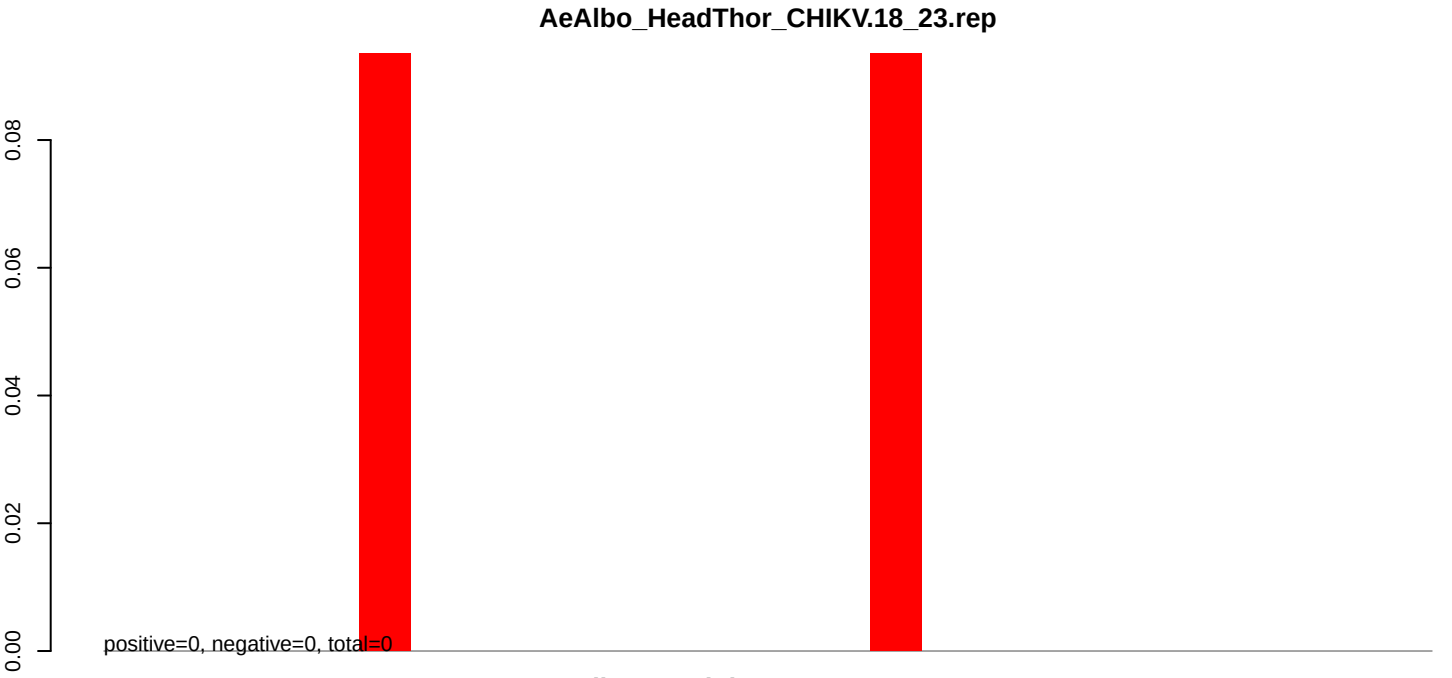
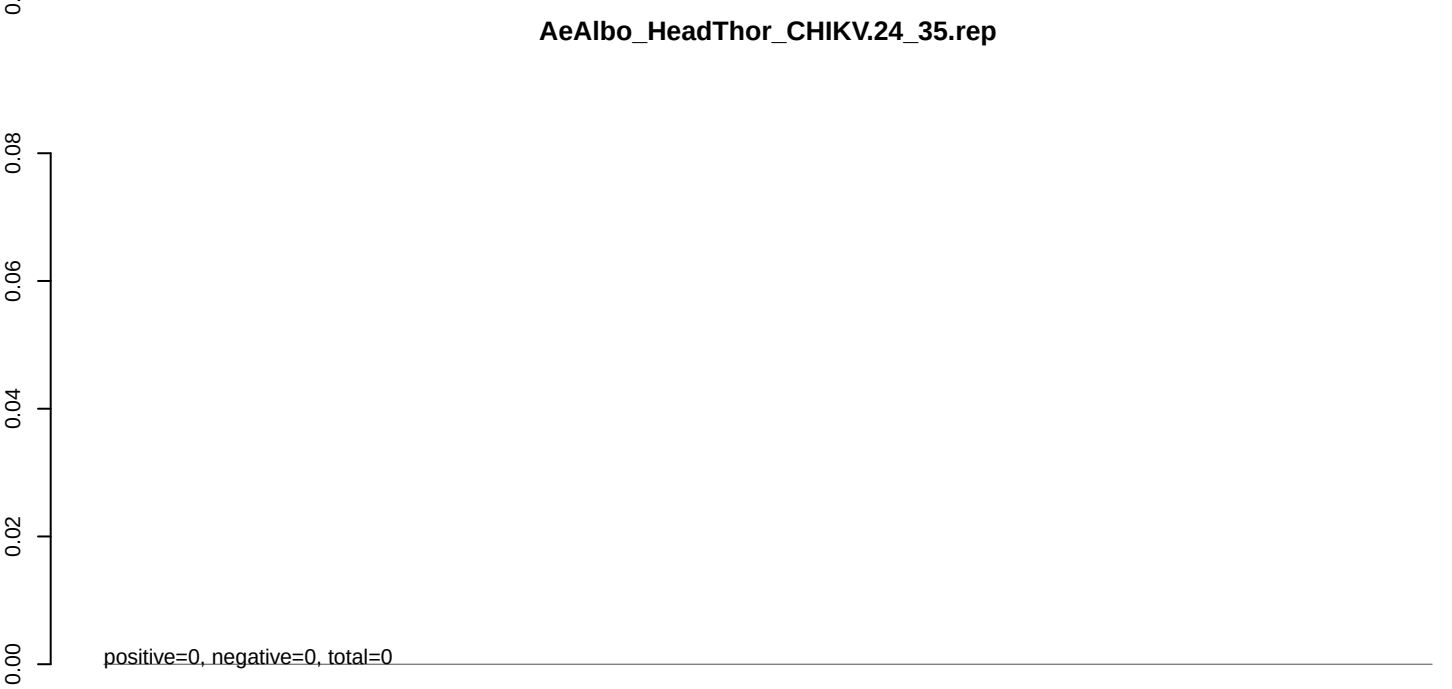
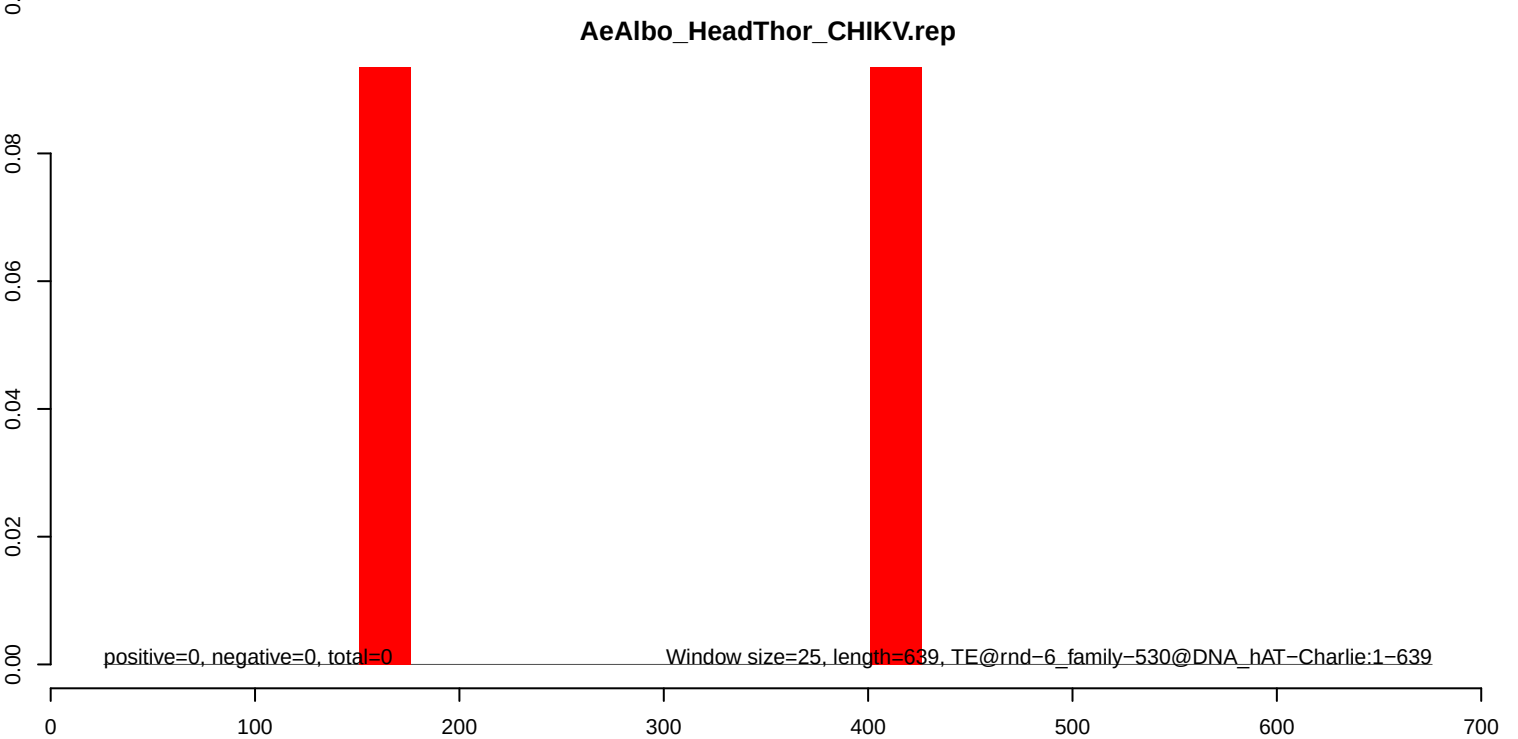
200
300
400
500

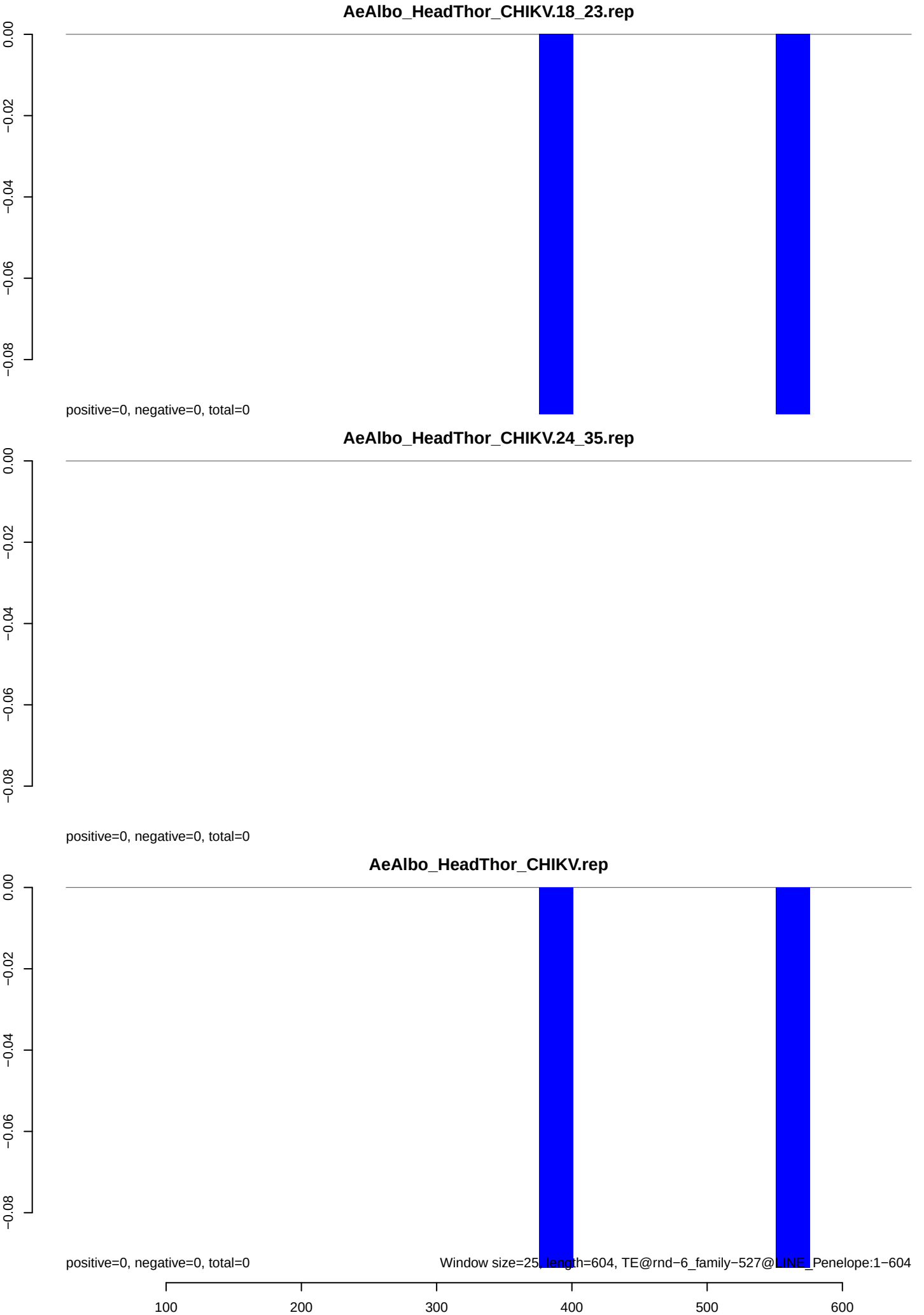

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=902, TE@rnd−6_family−6431@LINE_CR1:1−902
0
200
400
600
800

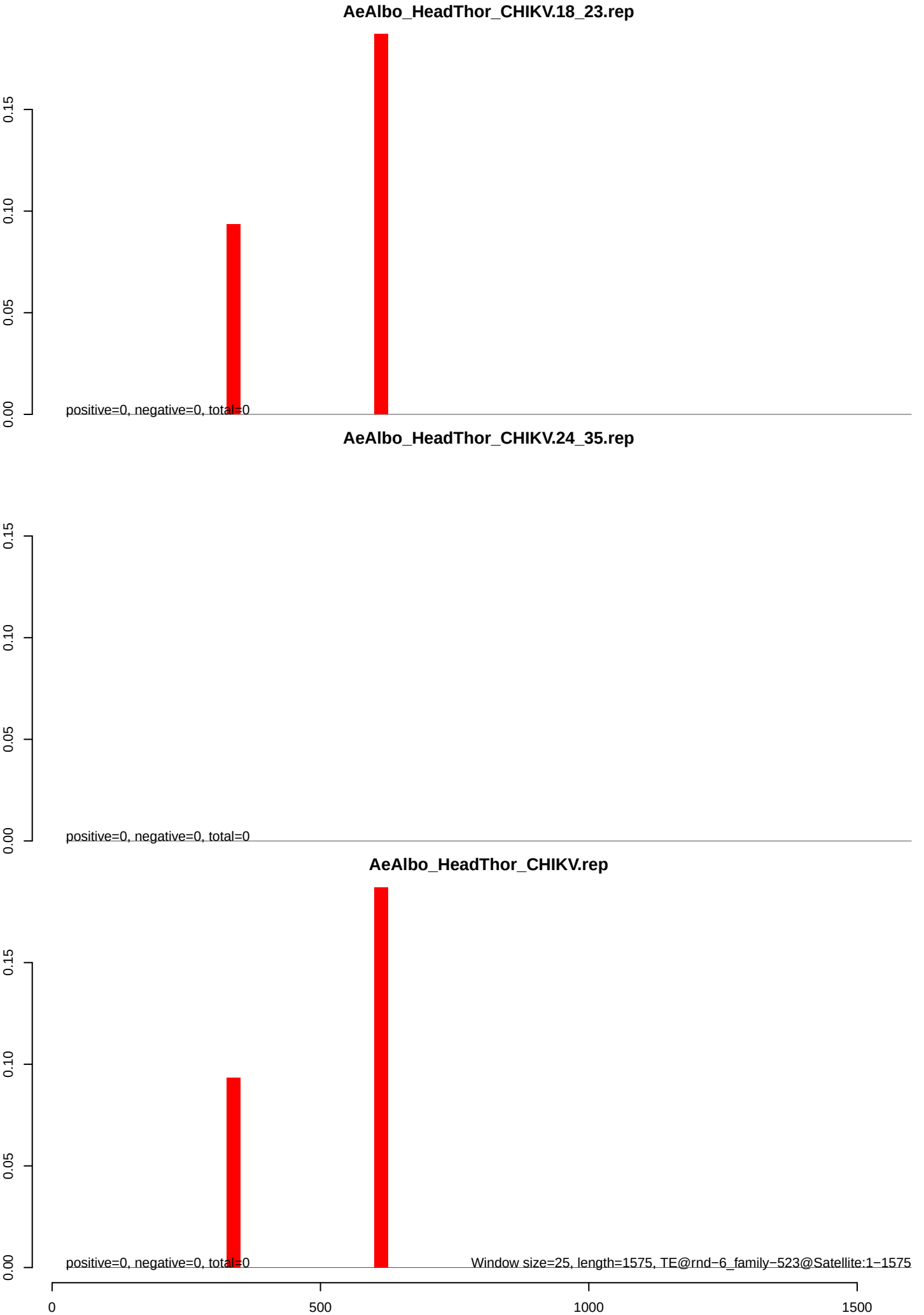

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
Window size=25, length=930, TE@rnd−6_family−5464@Unknown:1−930
0
200
400
600
800
1000

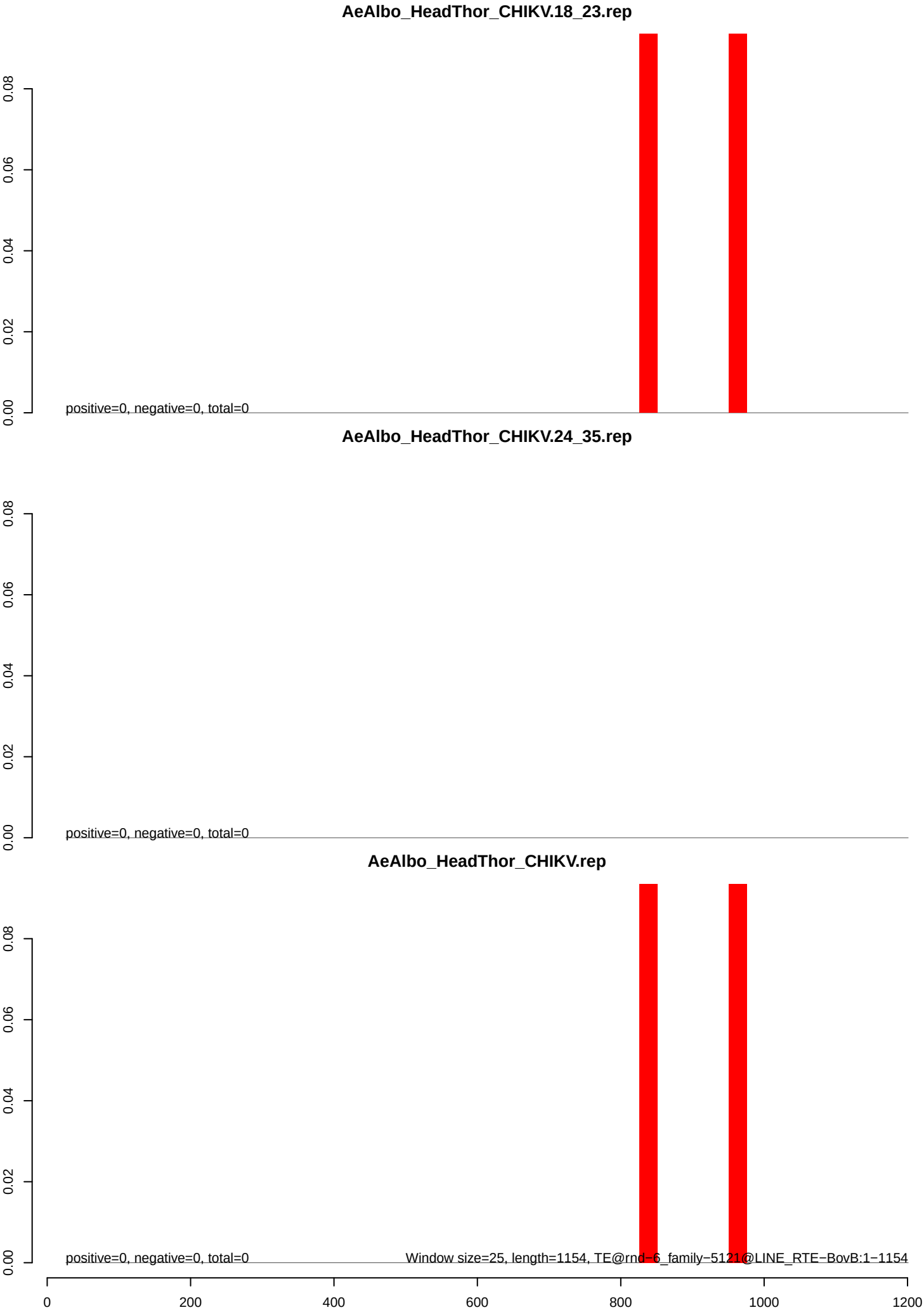

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

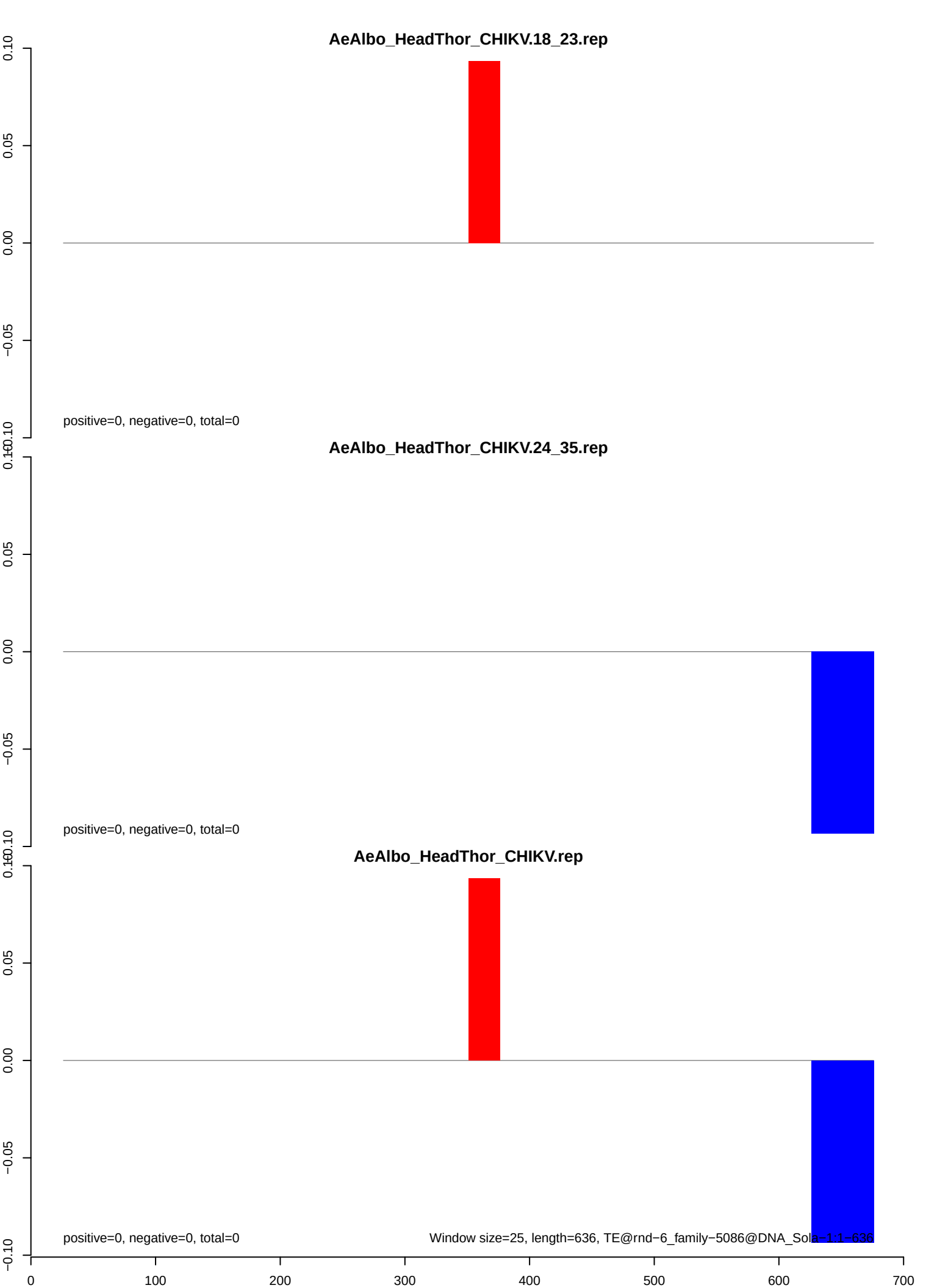

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

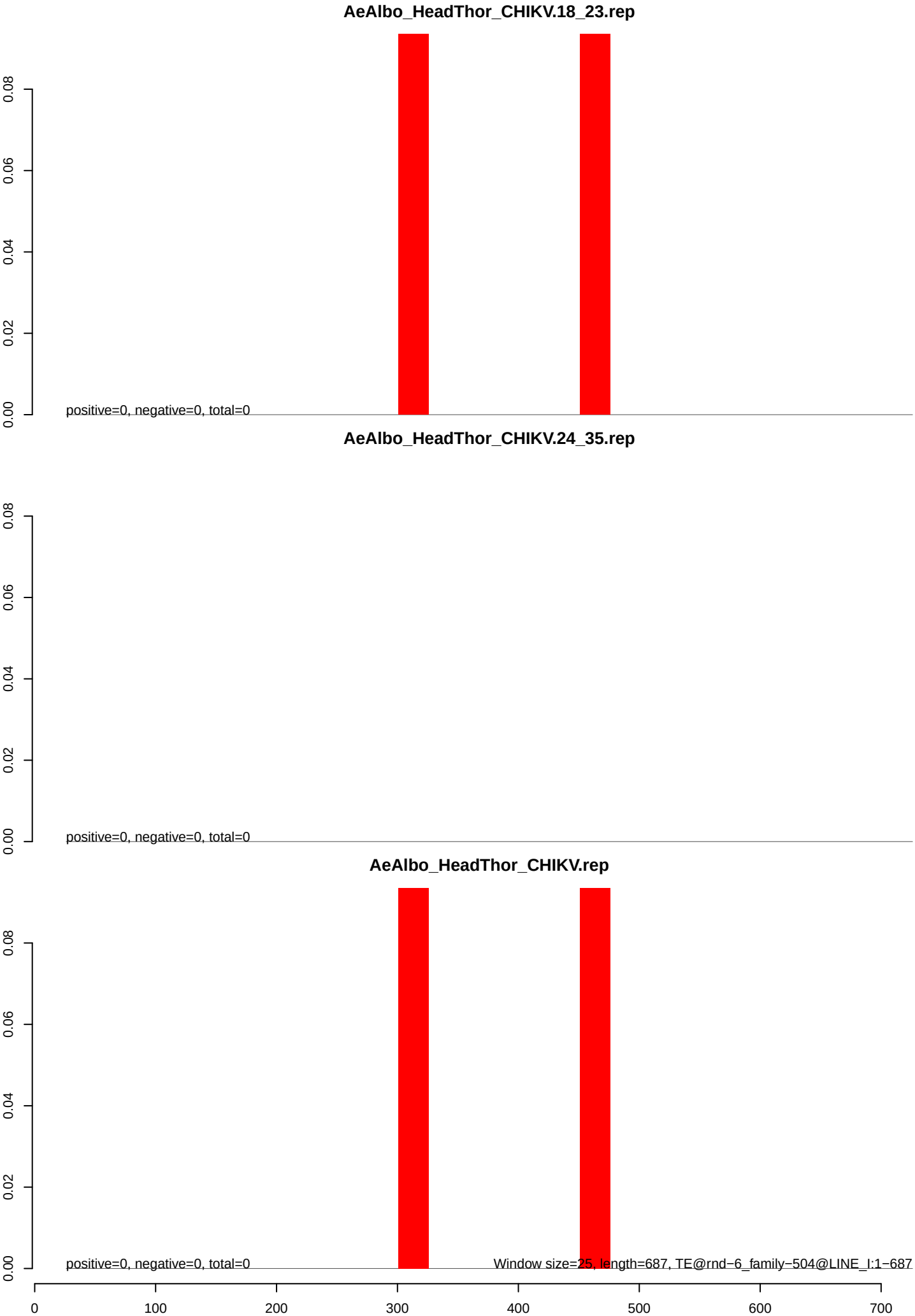

AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=639, TE@rnd−6_family−530@DNA_hAT−Charlie:1−639
0
100
200
300
400
500
600
700

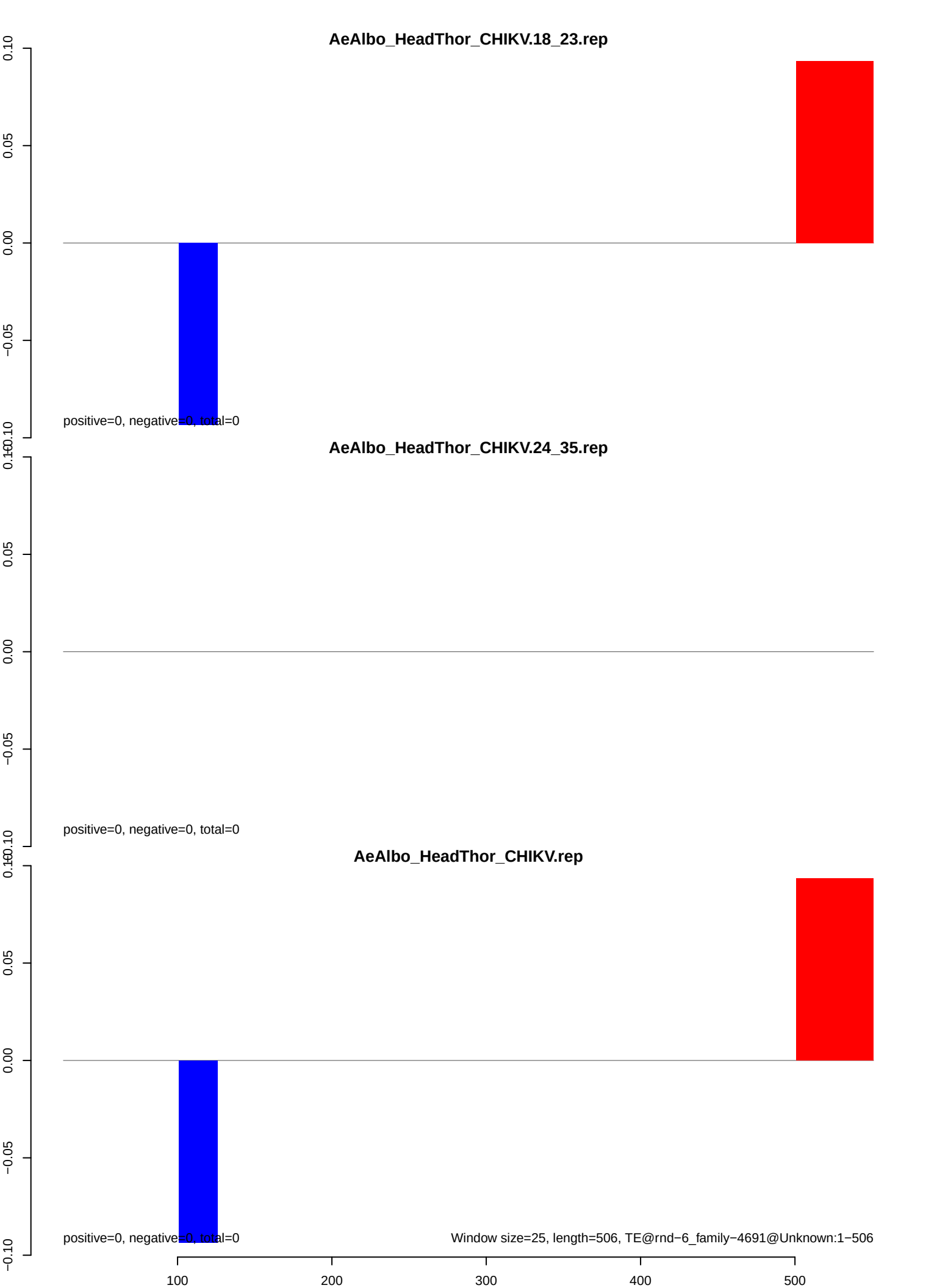

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=604, TE@rnd−6_family−527@LINE_Penelope:1−604
100
200
300
400
500
600

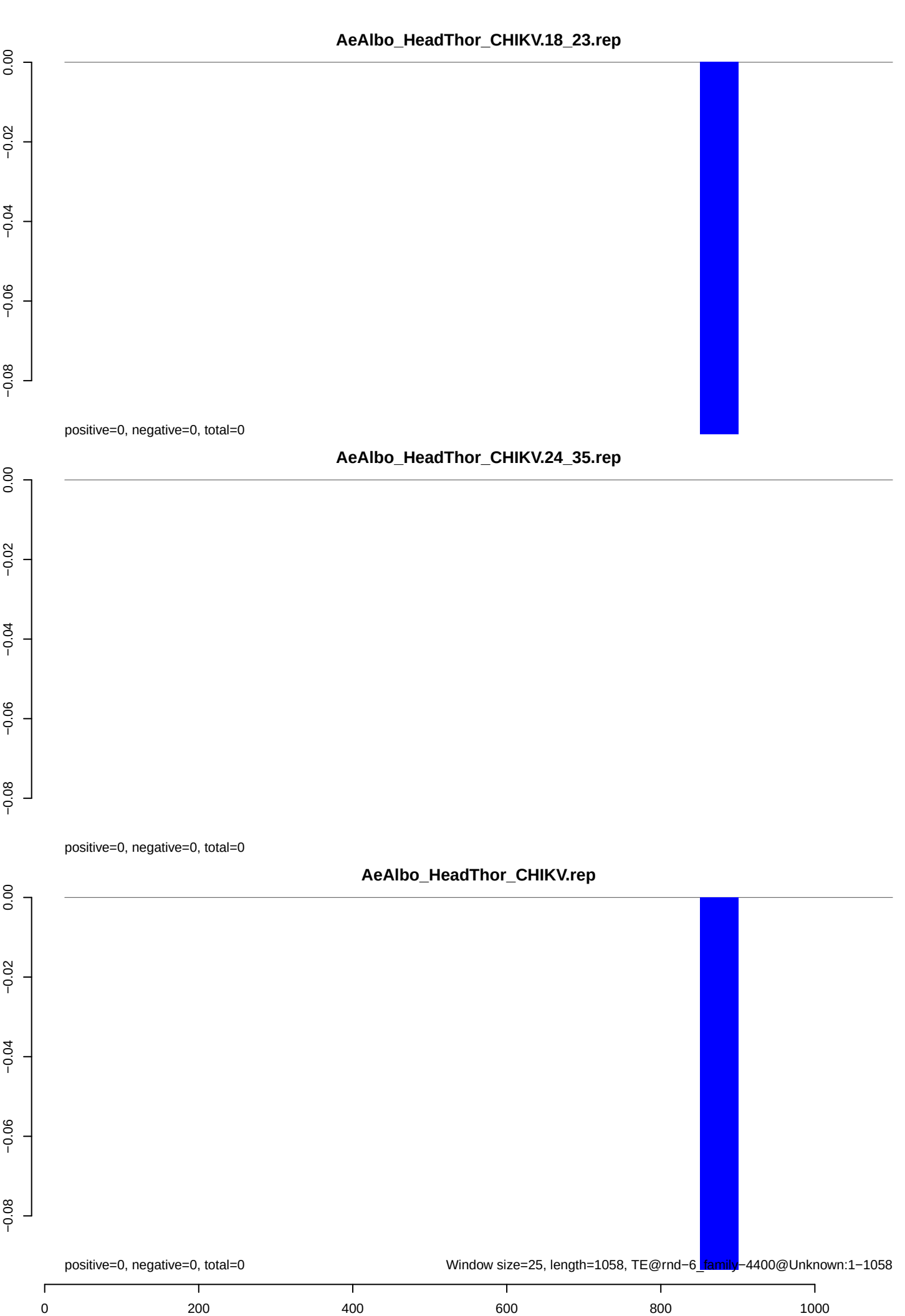

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=1575, TE@rnd−6_family−523@Satellite:1−1575
0
500
1000
1500

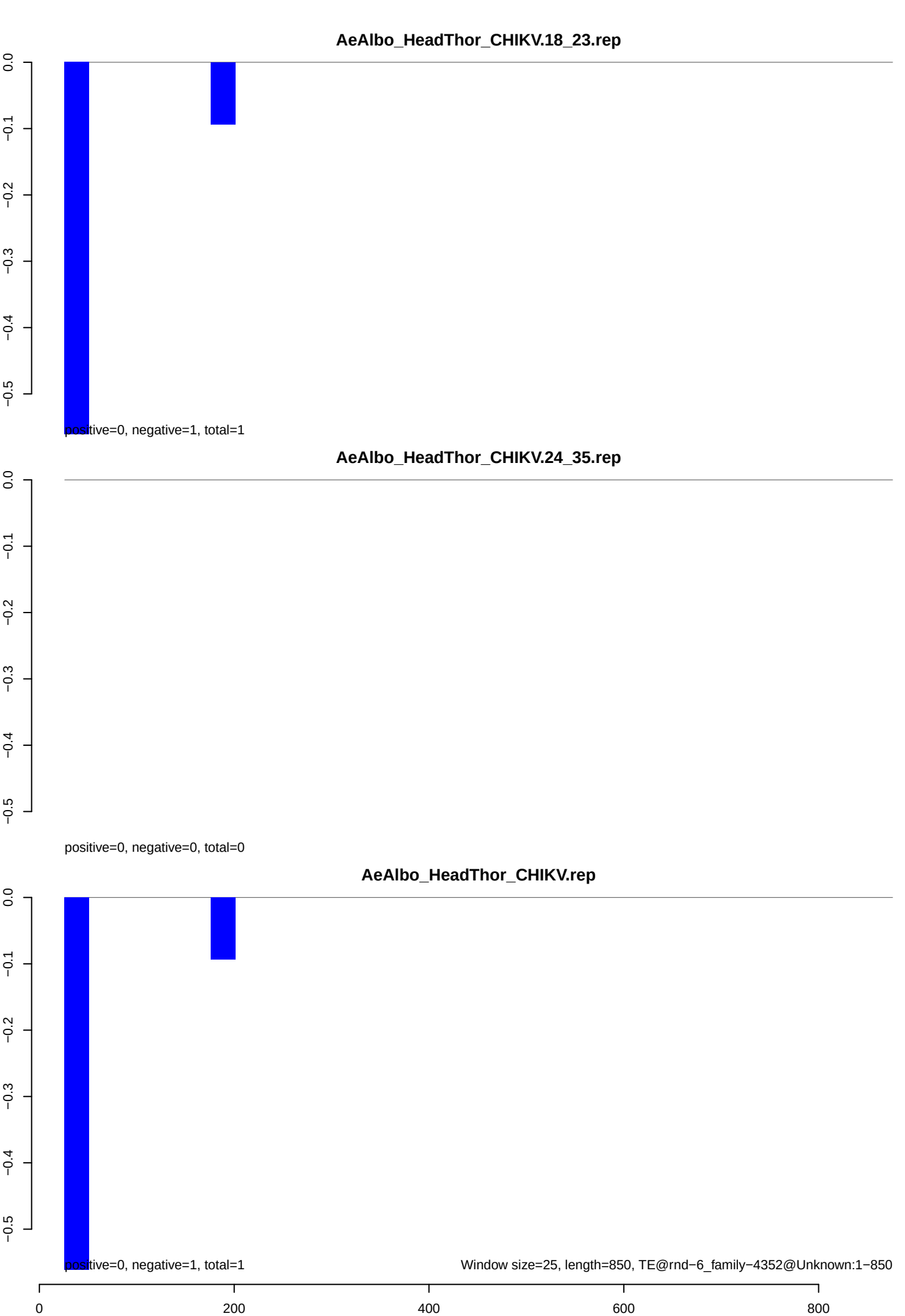

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1154, TE@rnd-6_family-5121@LINE_RTE-BovB:1-1154
0
200
400
600
800
1000
1200

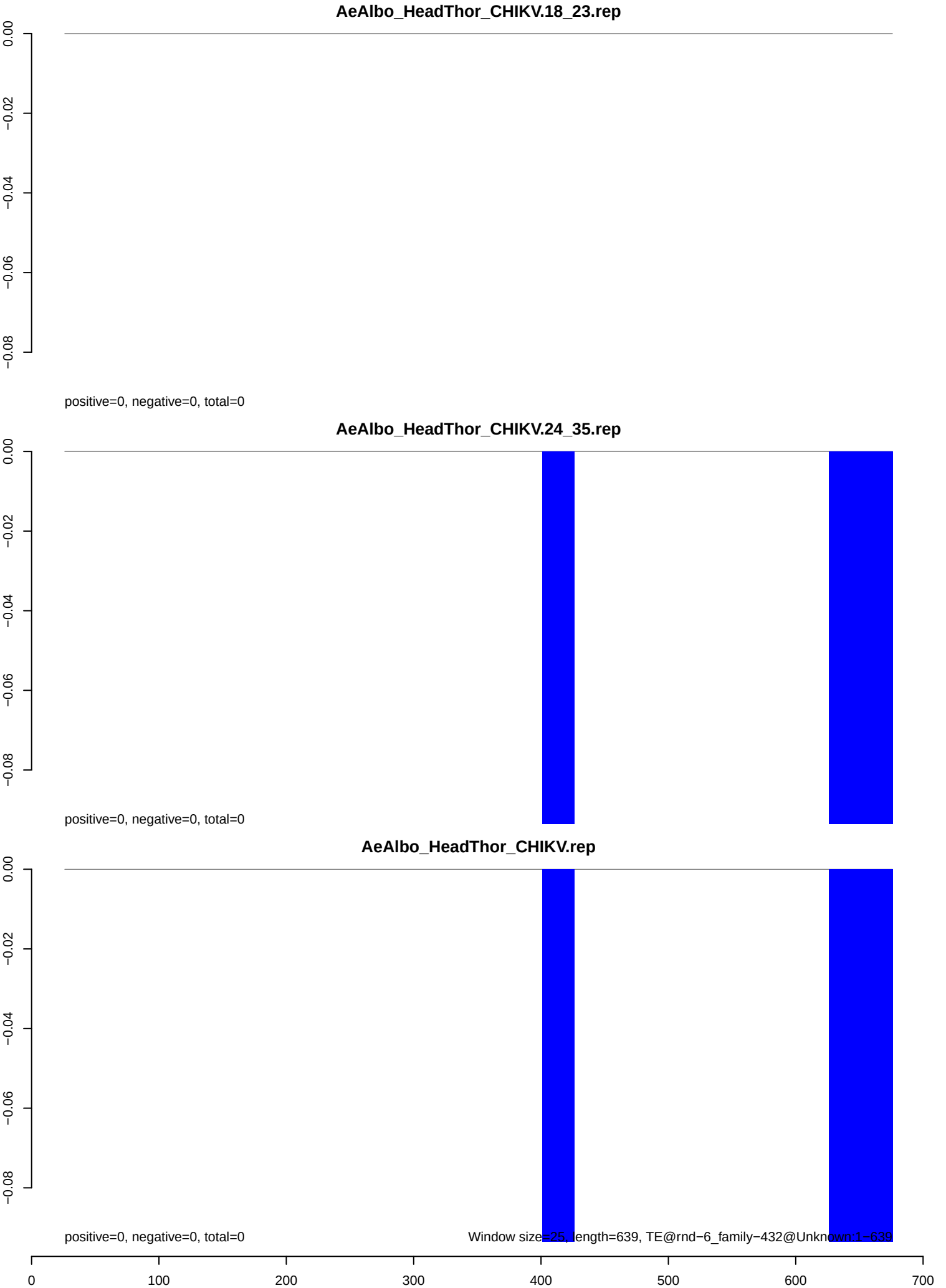

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=636, TE@rnd−6_family−5086@DNA_Sola−1:1−636
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700

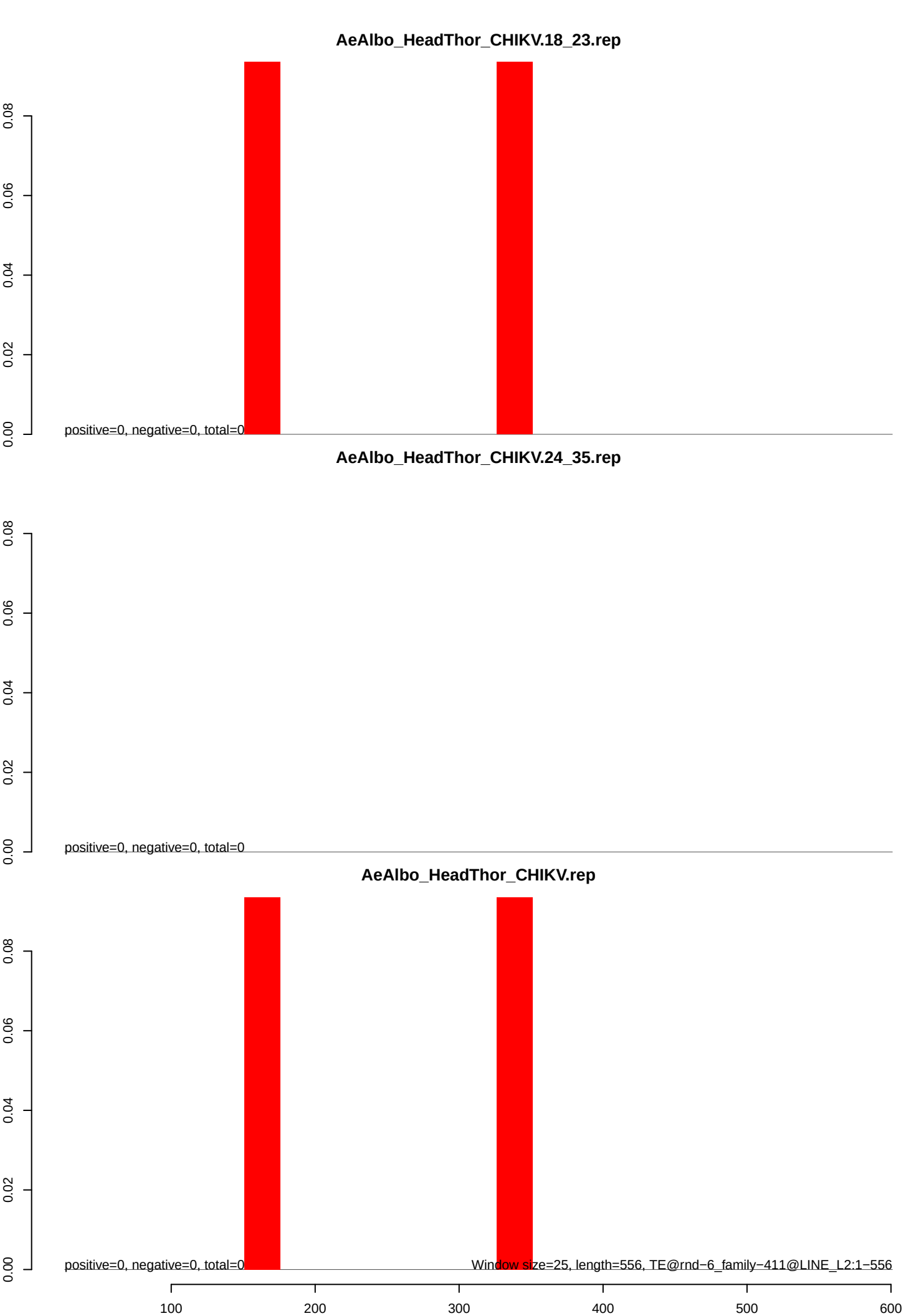

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=687, TE@rnd−6_family−504@LINE_I:1−687
0
100
200
300
400
500
600
700

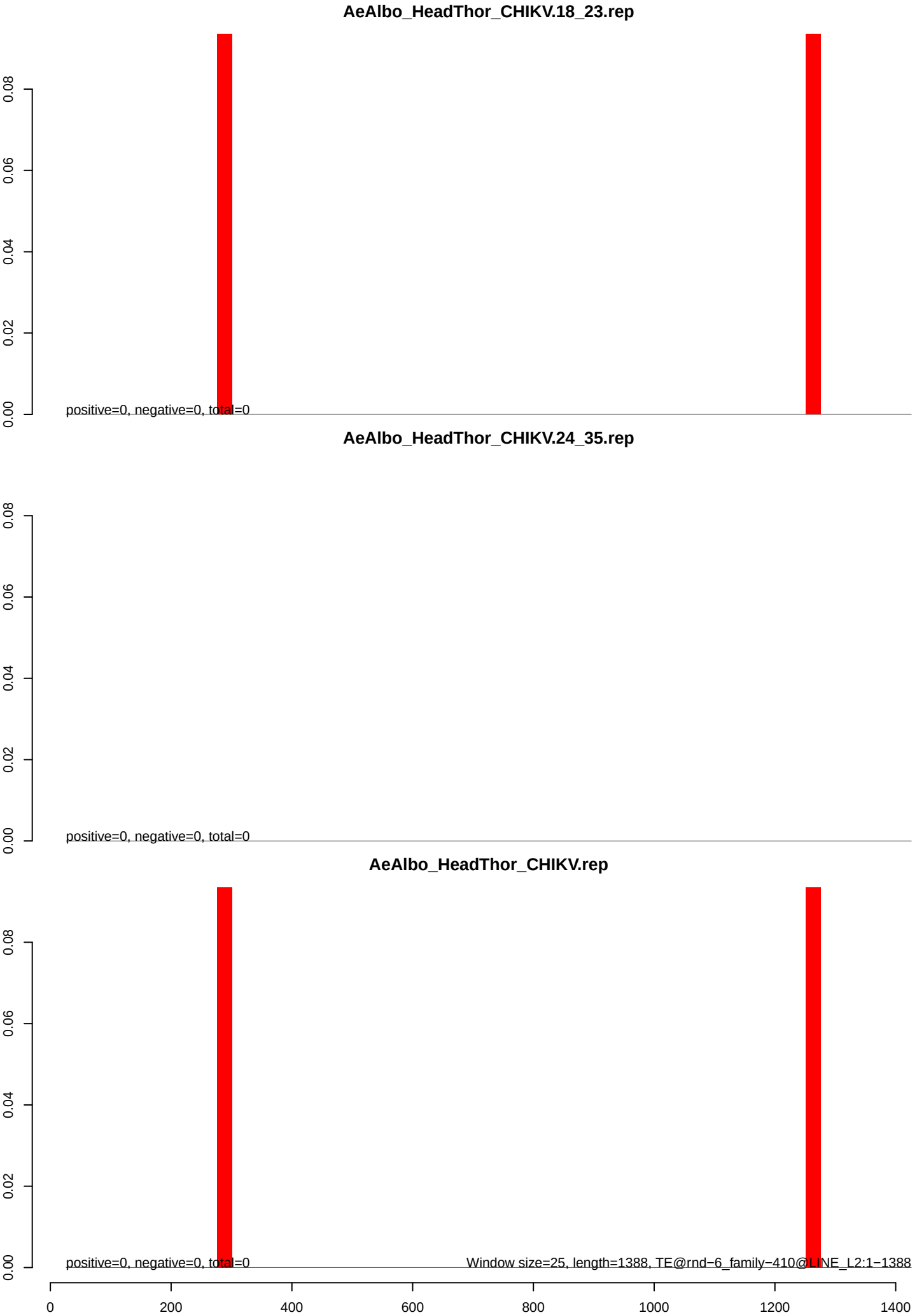

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=506, TE@rnd−6_family−4691@Unknown:1−506
100
200
300
400
500

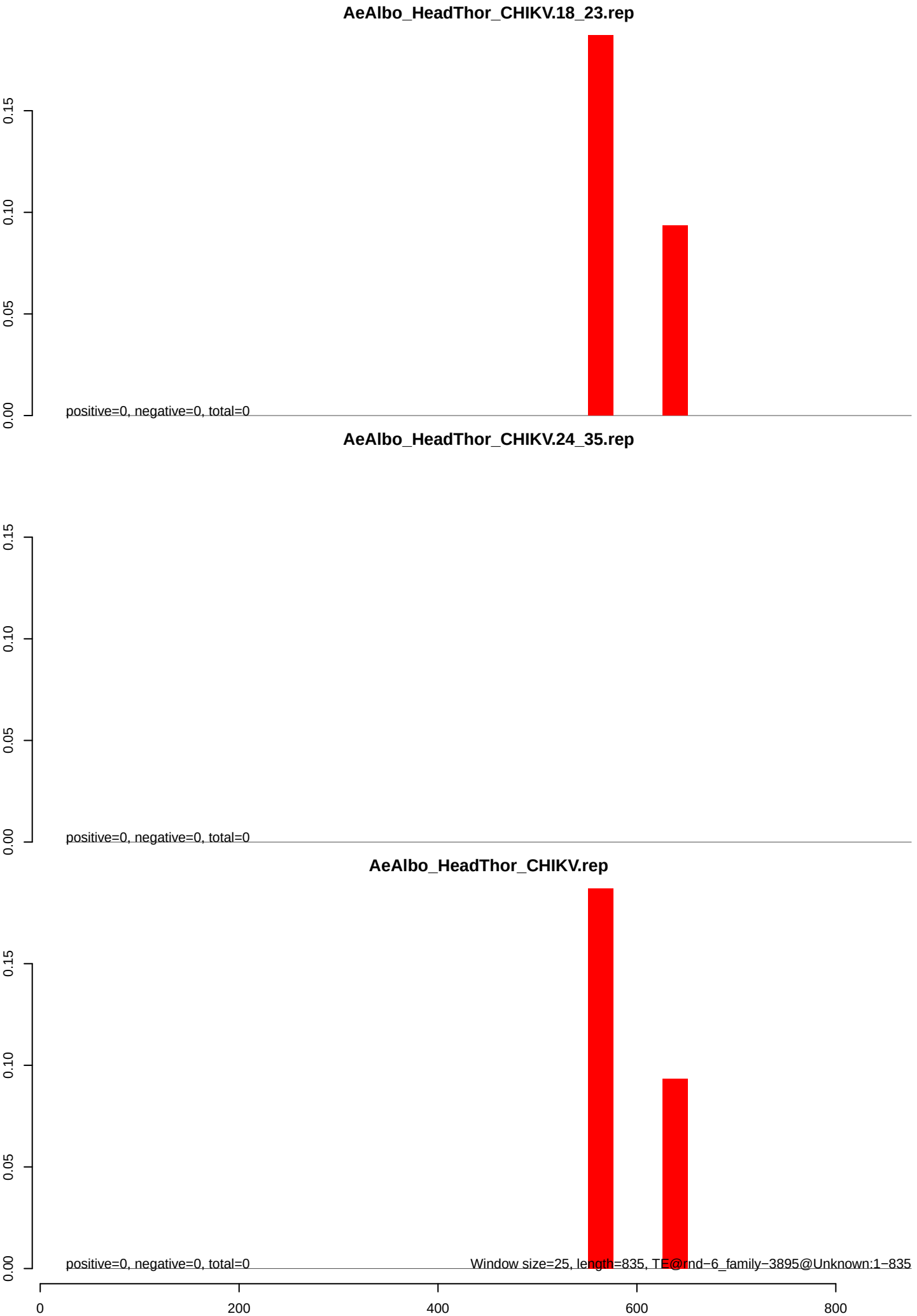

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=1058, TE@rnd−6_family−4400@Unknown:1−1058
0
200
400
600
800
1000

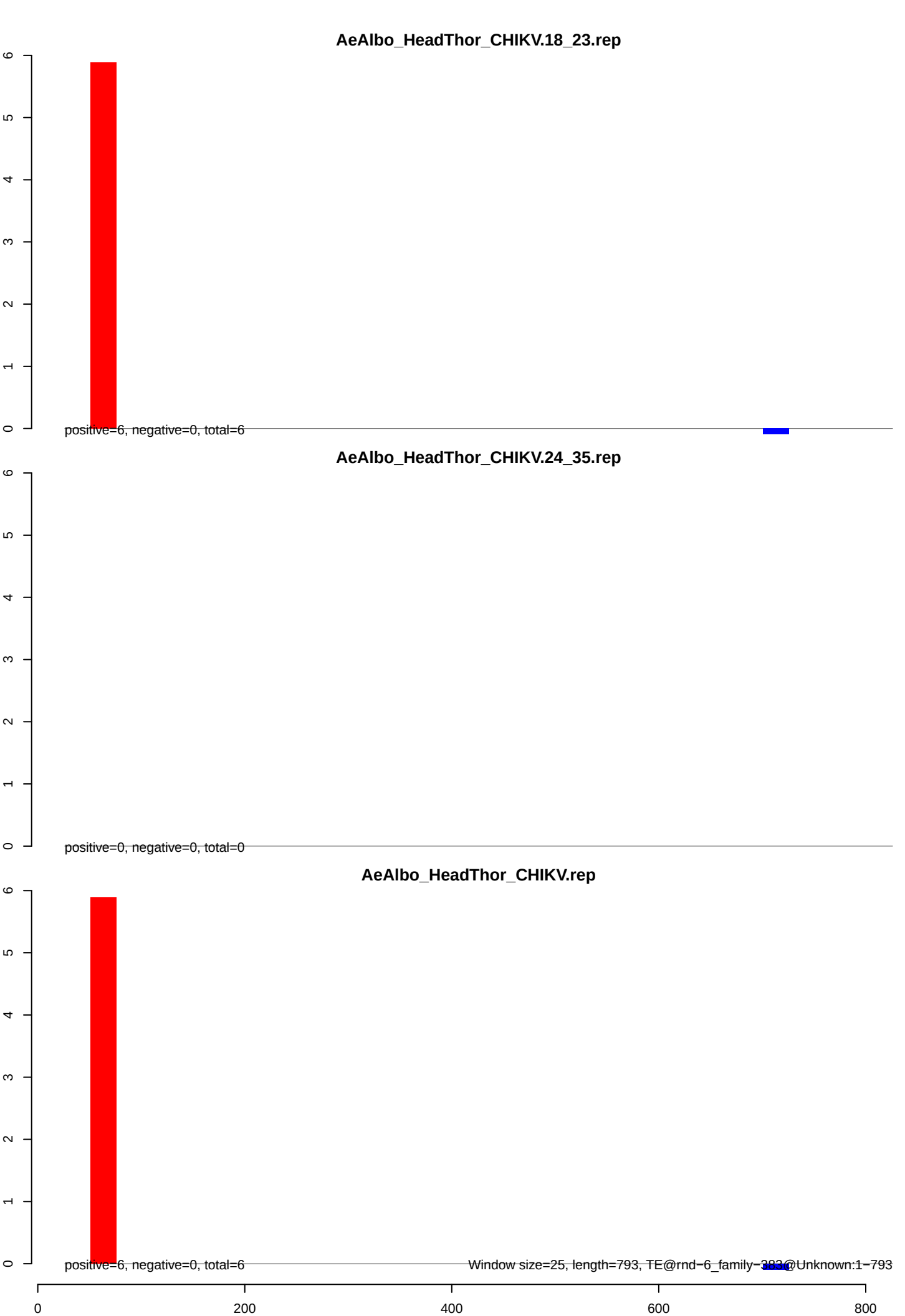

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
−0.4
−0.5
positive=0, negative=1, total=1
Window size=25, length=850, TE@rnd−6_family−4352@Unknown:1−850
0
200
400
600
800

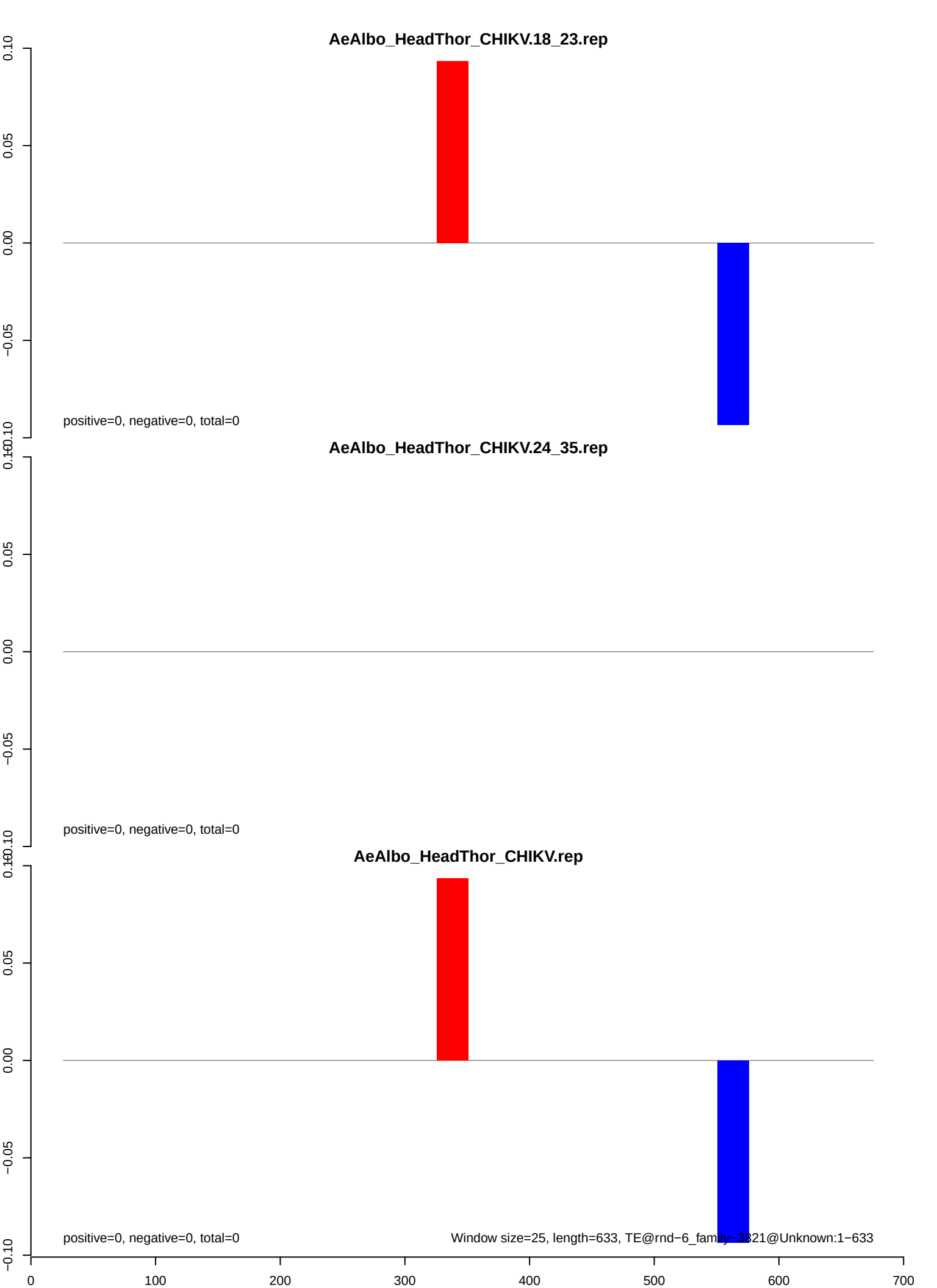

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=639, TE@rnd−6_family−432@Unknown:1−639
0
100
200
300
400
500
600
700

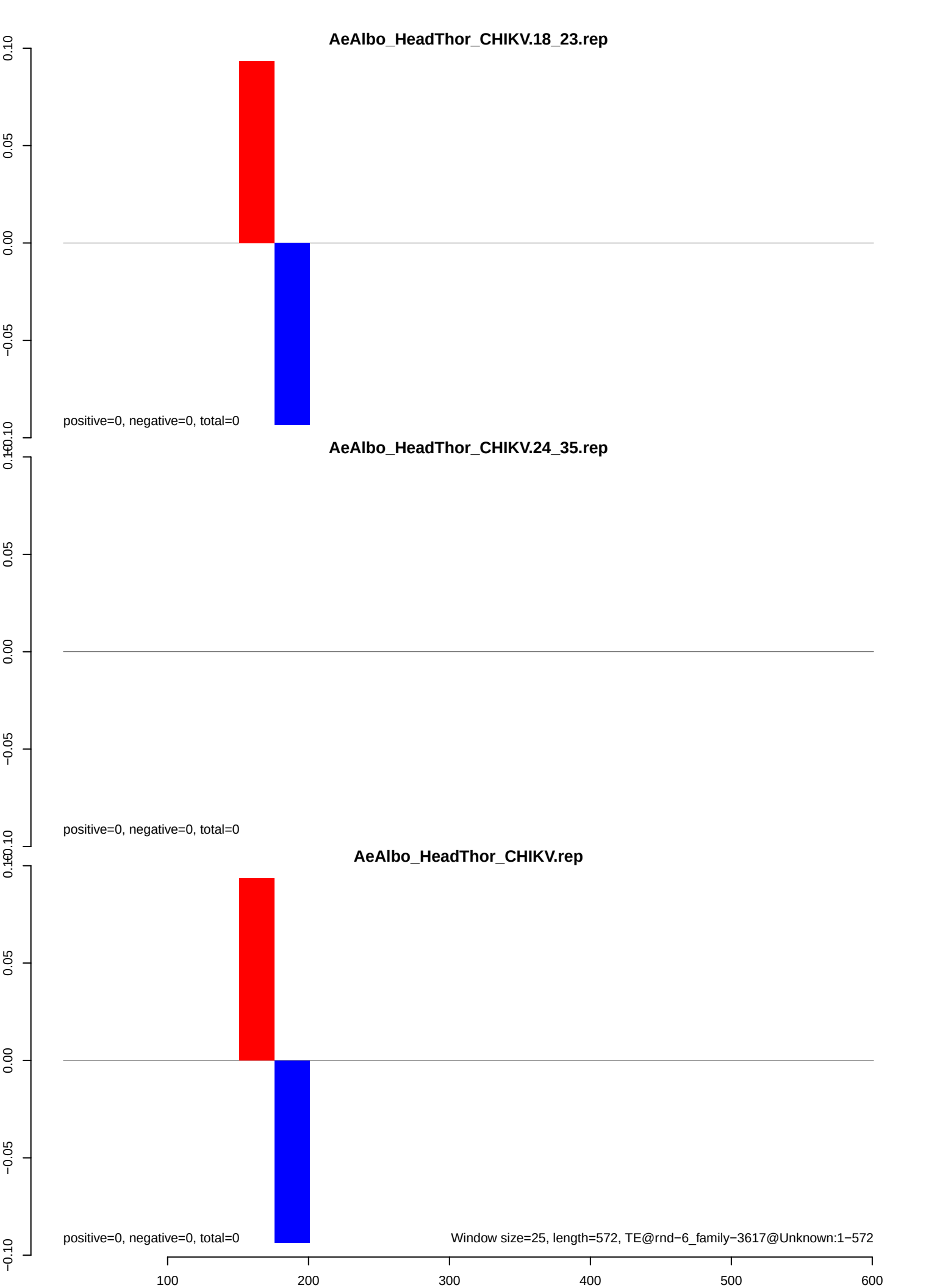

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=556, TE@rnd−6_family−411@LINE_L2:1−556
100
200
300
400
500
600

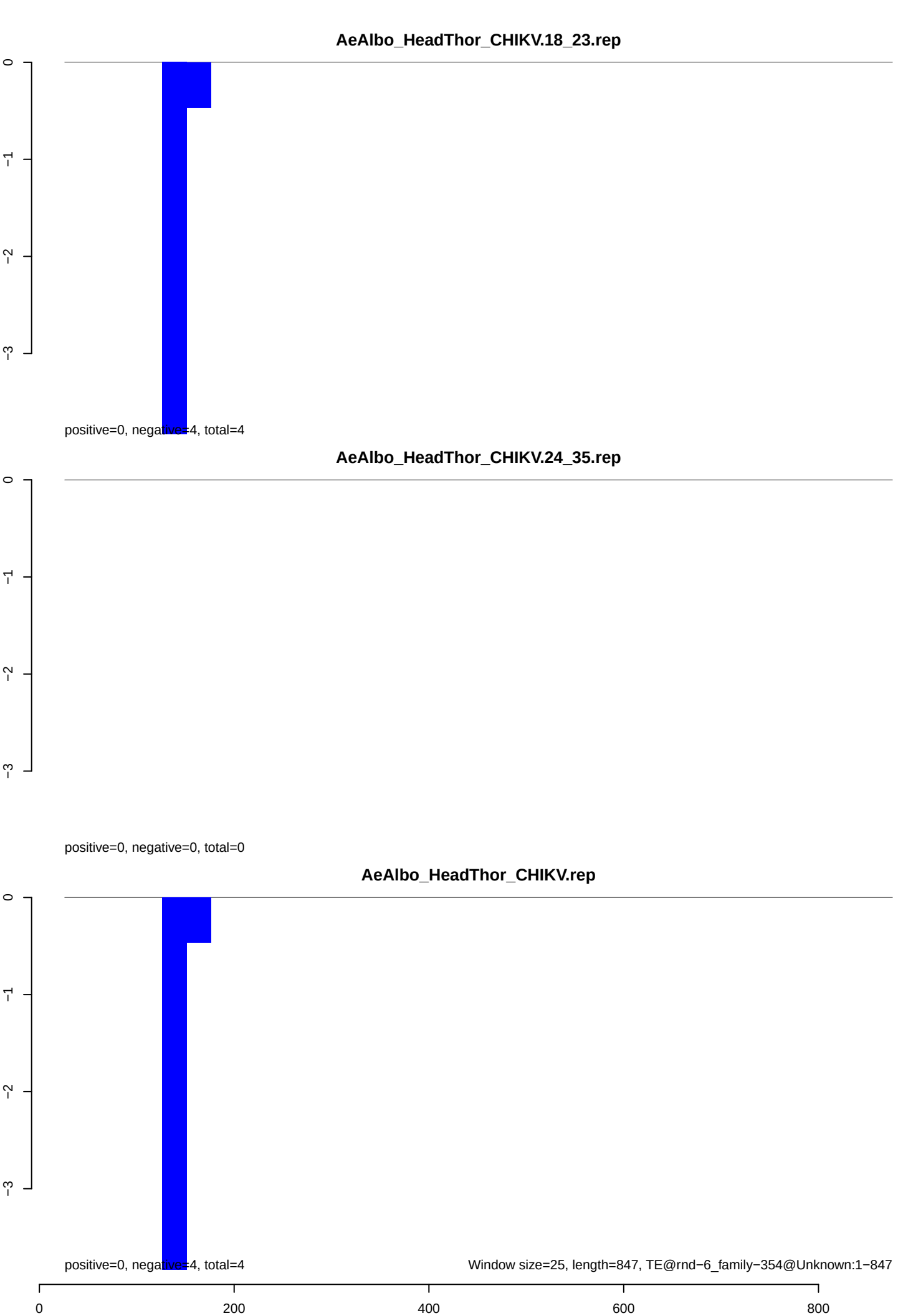

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1388, TE@rnd−6_family−410@LINE_L2:1−1388
0
200
400
600
800
1000
1200
1400

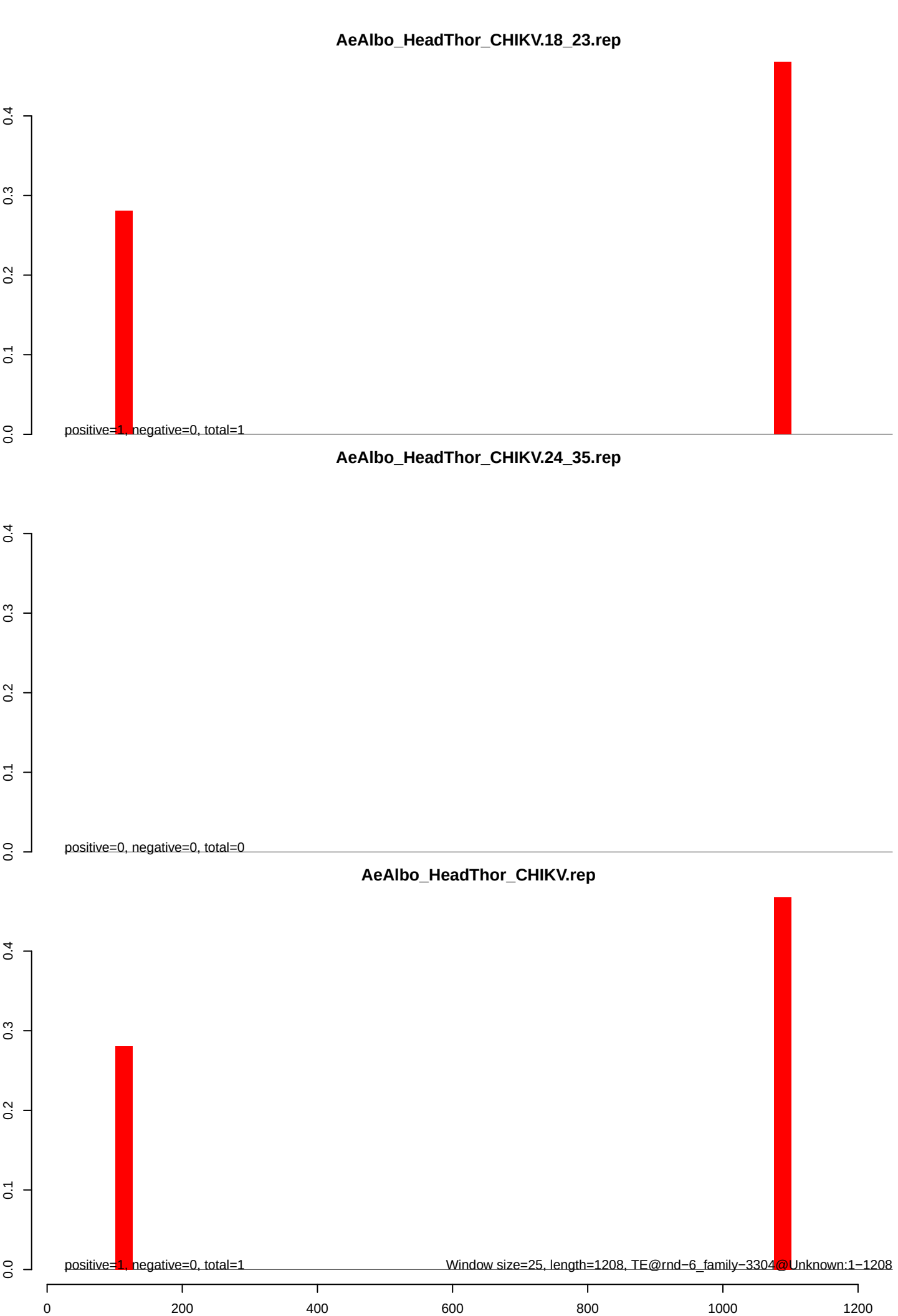

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=835, TE@rnd−6_family−3895@Unknown:1−835
0
200
400
600
800

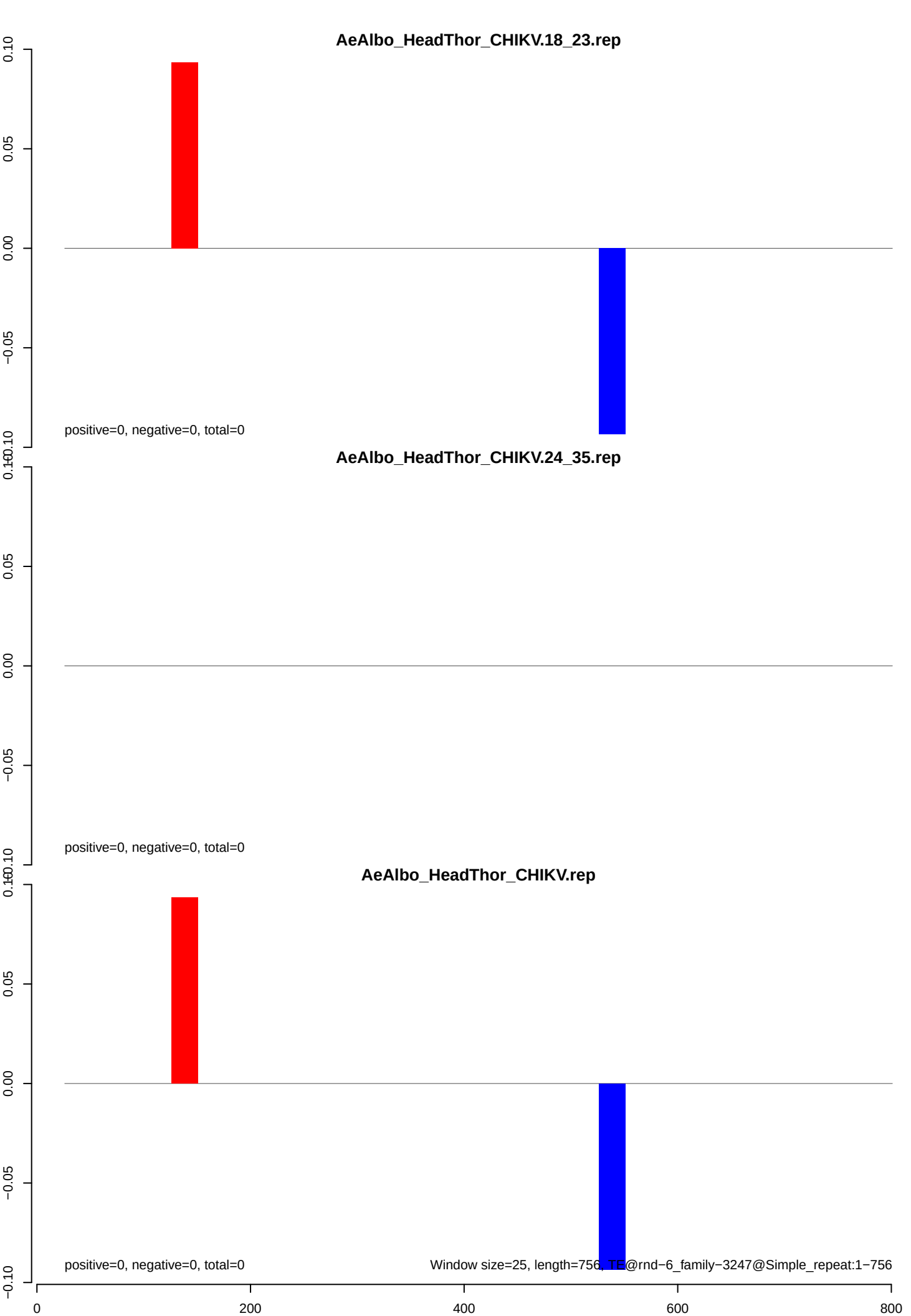

AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
6
positive=6, negative=0, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
6
positive=6, negative=0, total=6
Window size=25, length=793, TE@rnd-6_family-383@Unknown:1-793
0
200
400
600
800

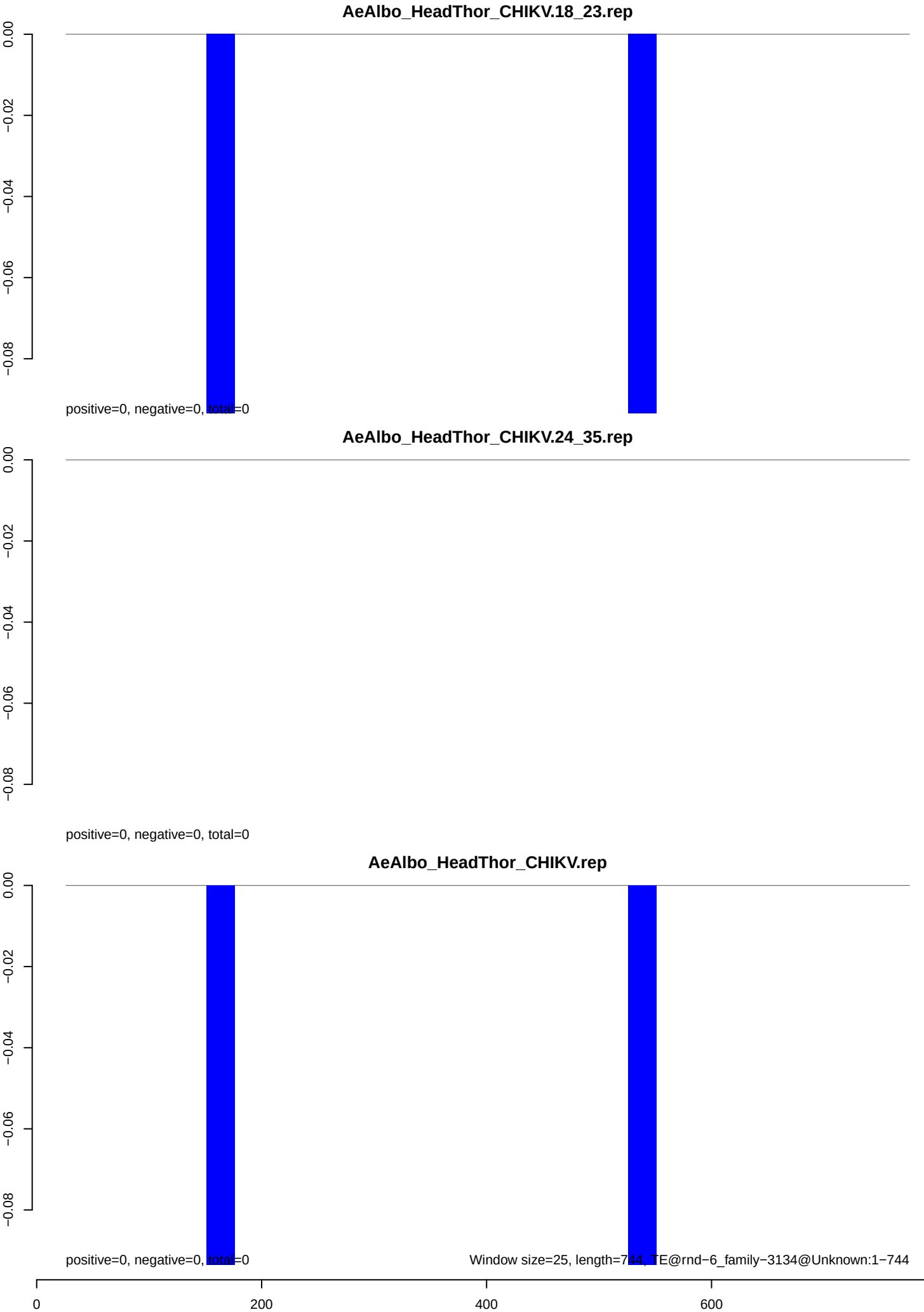

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=633, TE@rnd−6_family−3821@Unknown:1−633
0
100
200
300
400
500
600
700

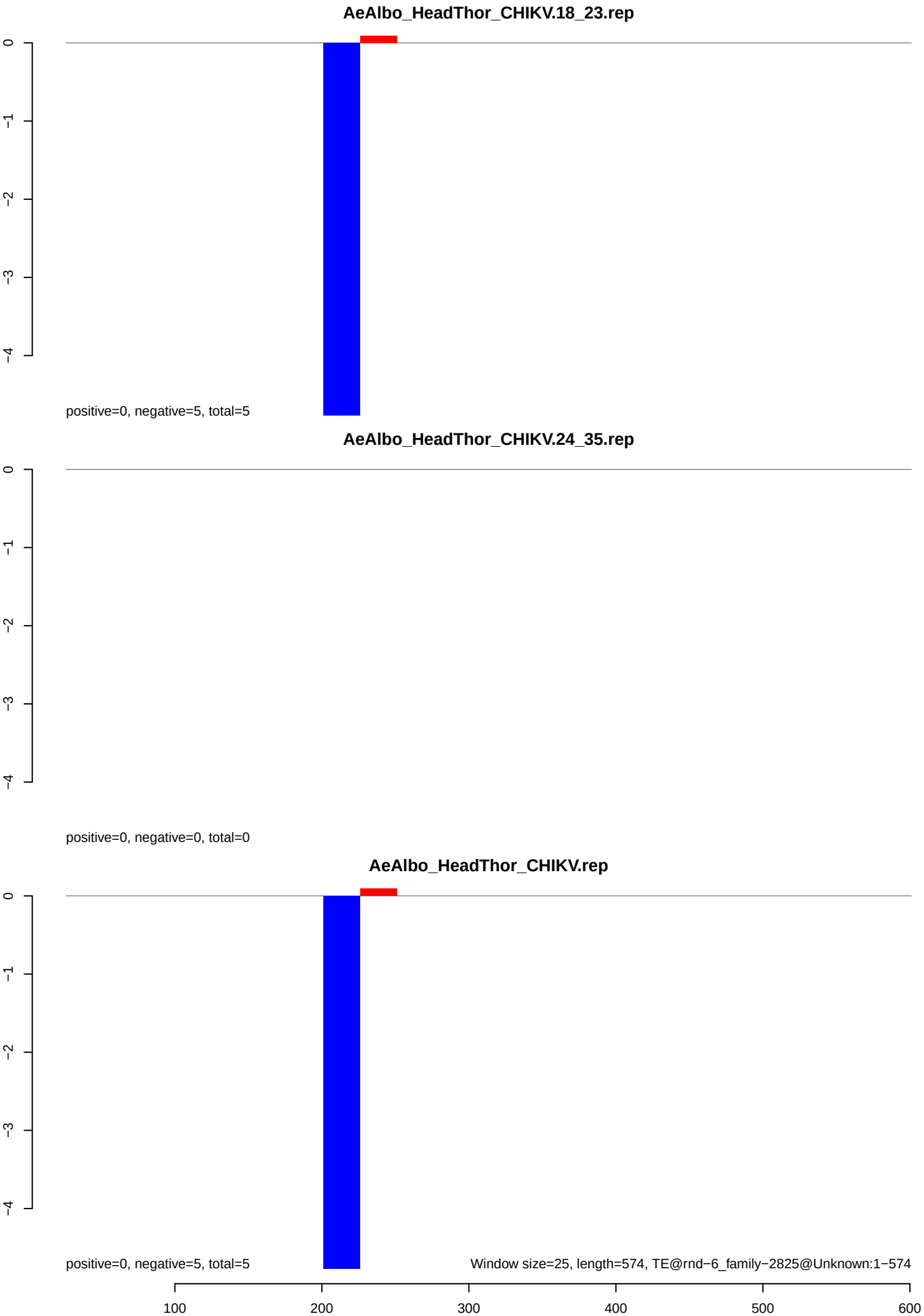

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=572, TE@rnd−6_family−3617@Unknown:1−572
100
200
300
400
500
600

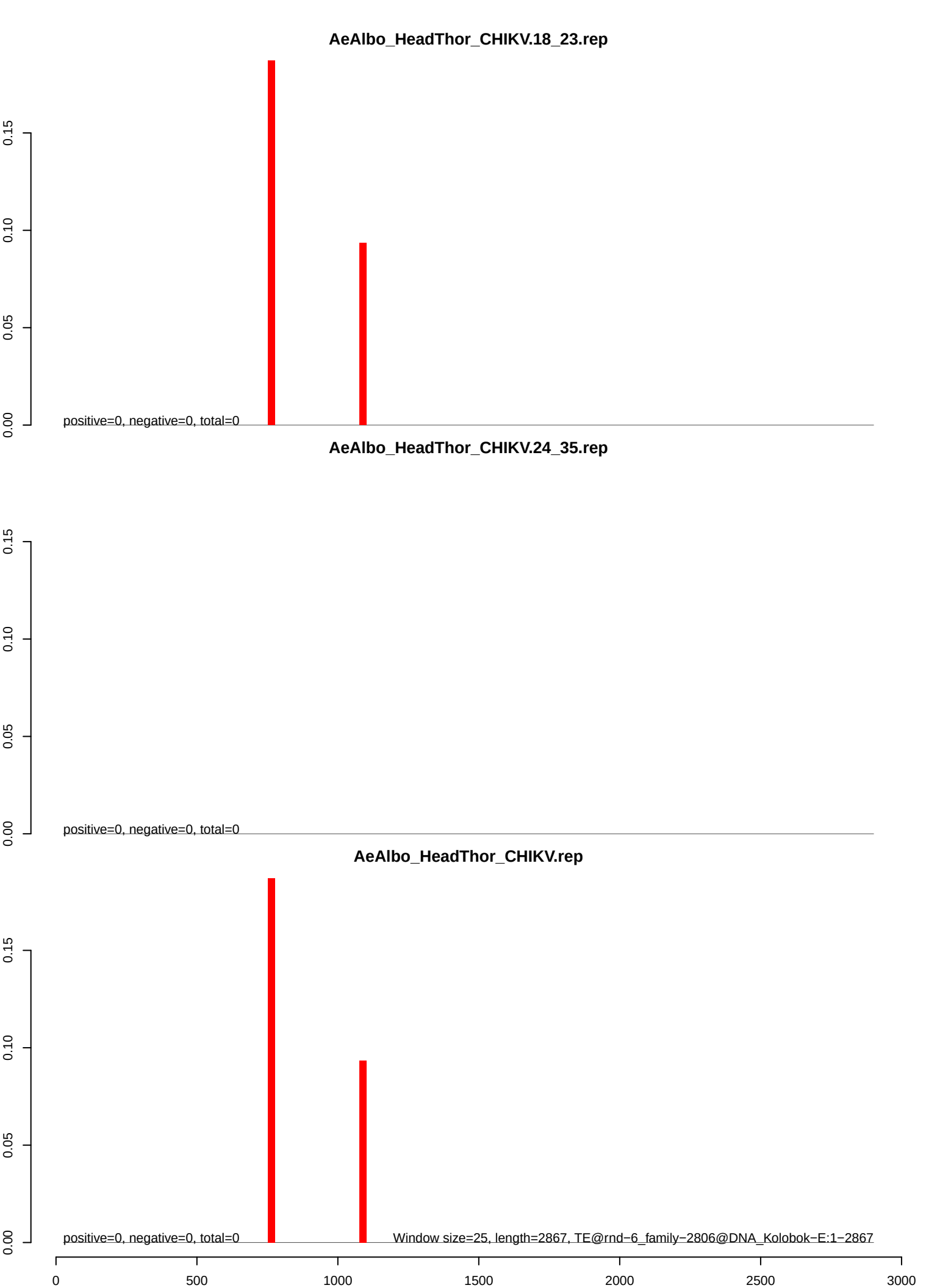

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
positive=0, negative=4, total=4
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
positive=0, negative=4, total=4
Window size=25, length=847, TE@rnd−6_family−354@Unknown:1−847
0
200
400
600
800

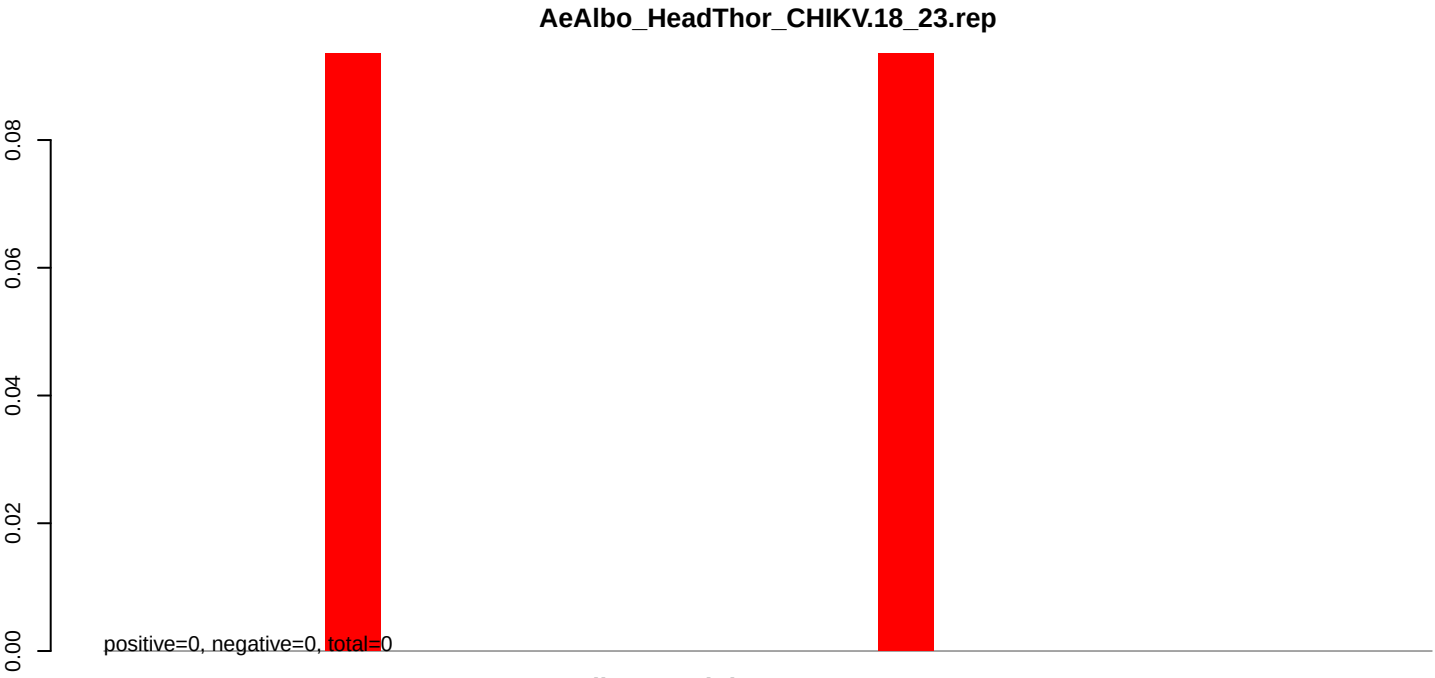

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
positive=1, negative=0, total=1
Window size=25, length=1208, TE@rnd−6_family−3304@Unknown:1−1208
0
200
400
600
800
1000
1200

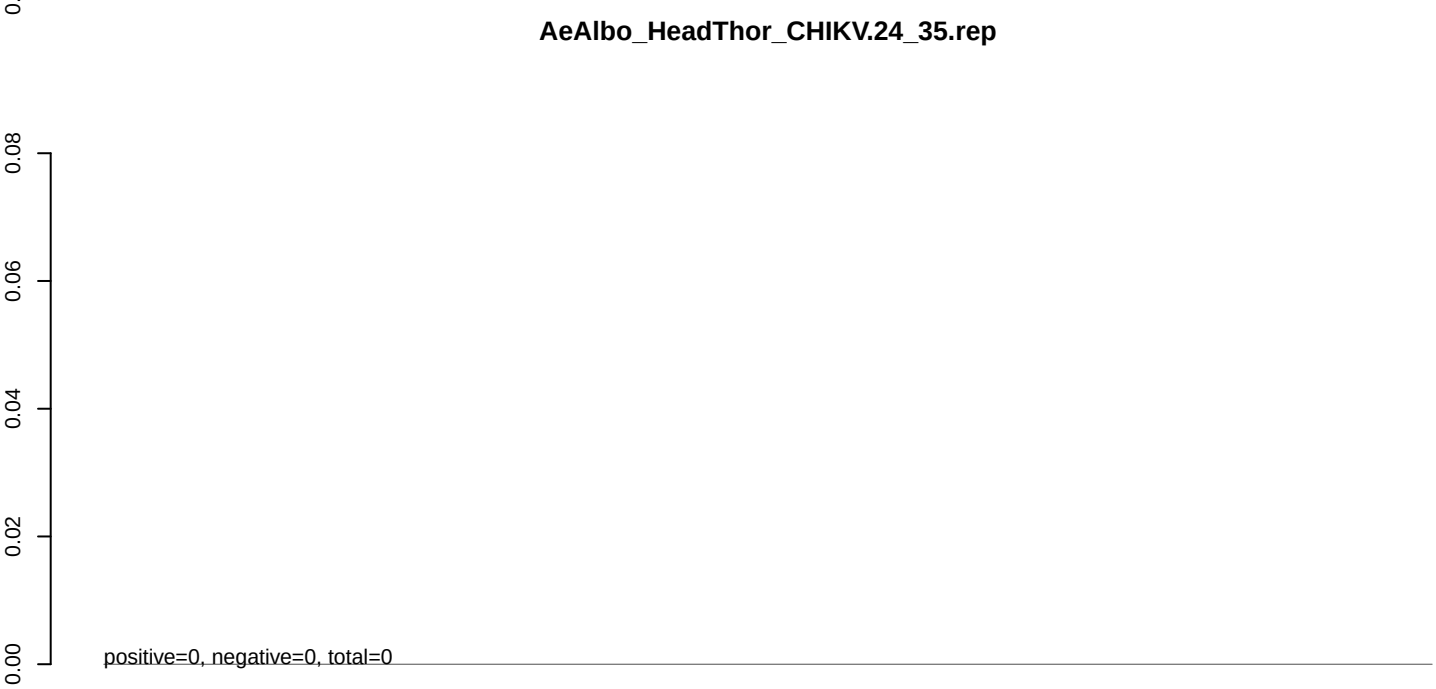

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=756, TE@rnd−6_family−3247@Simple_repeat:1−756
0
200
400
600
800

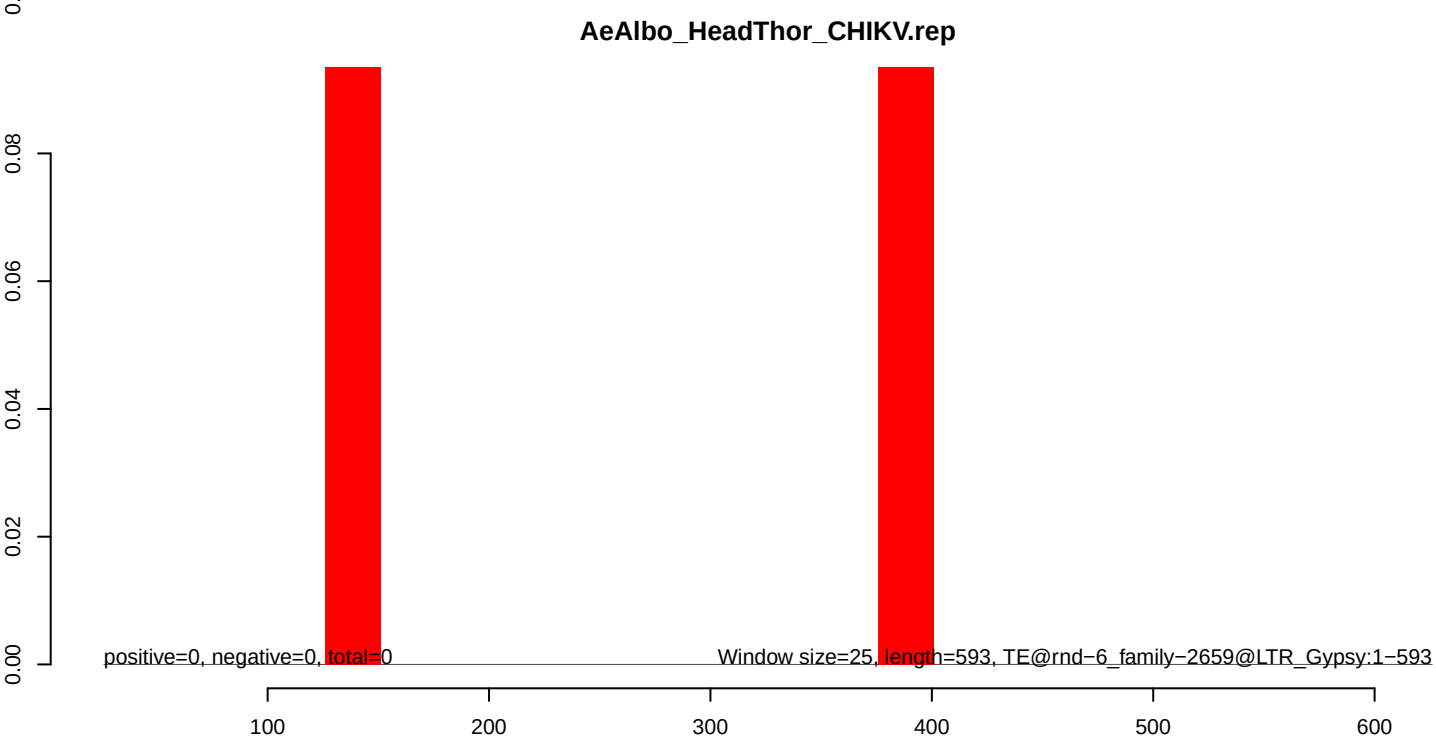

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=744, TE@rnd−6_family−3134@Unknown:1−744
0
200
400
600
800

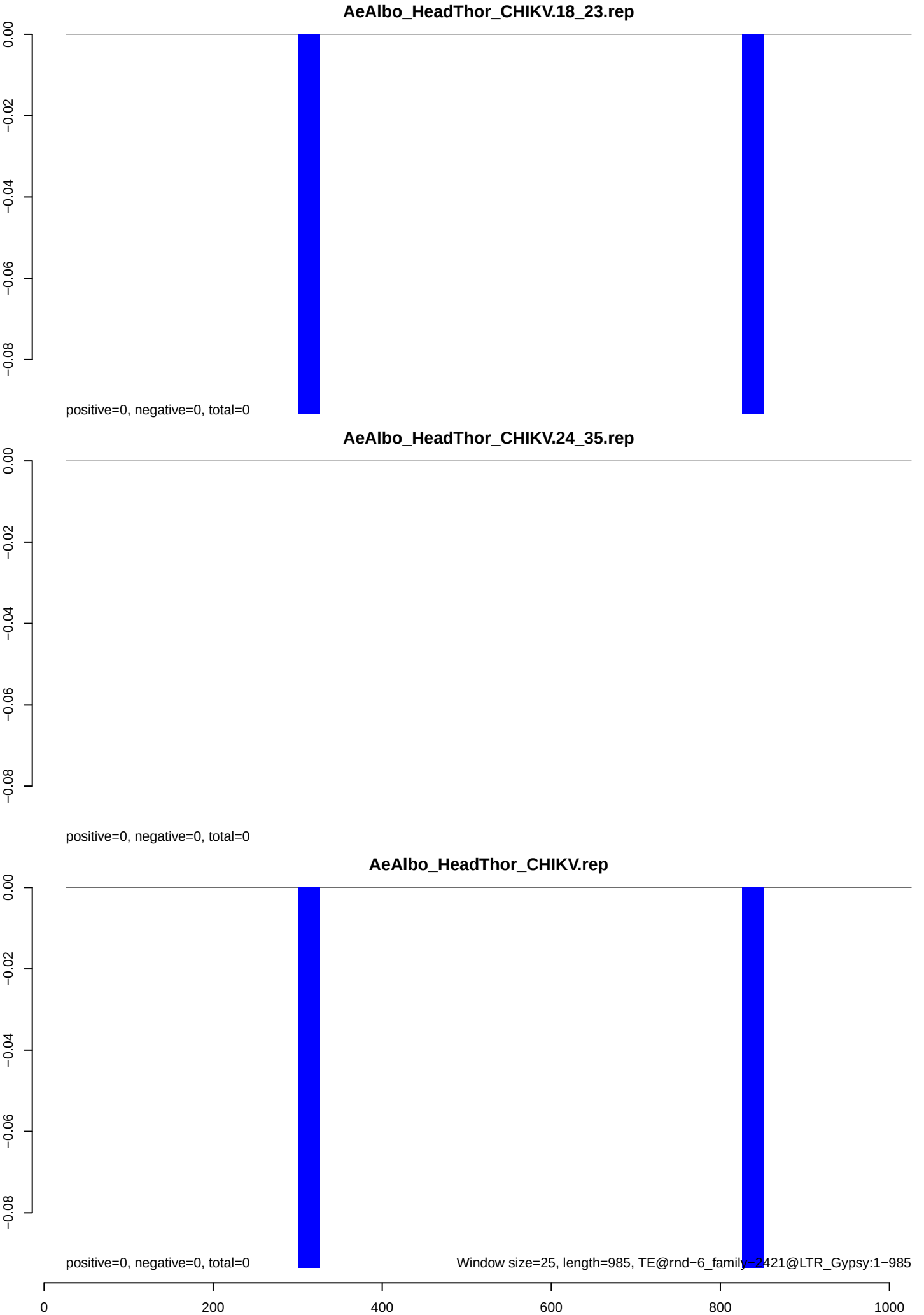

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−1
−2
−3
−4
positive=0, negative=5, total=5
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−1
−2
−3
−4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−1
−2
−3
−4
positive=0, negative=5, total=5
Window size=25, length=574, TE@rnd−6_family−2825@Unknown:1−574
100
200
300
400
500
600

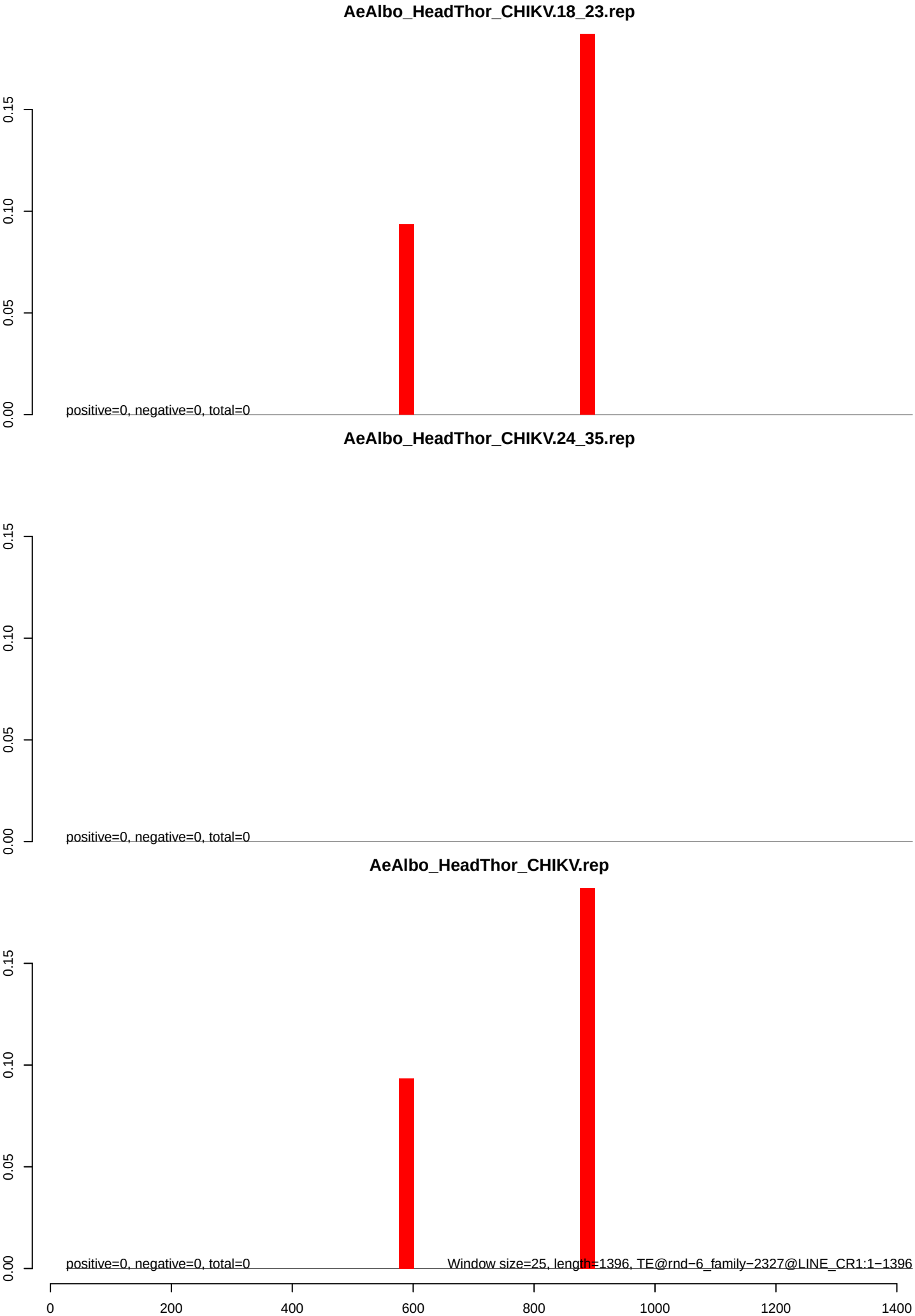

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=2867, TE@rnd−6_family−2806@DNA_Kolobok−E:1−2867
0
500
1000
1500
2000
2500
3000

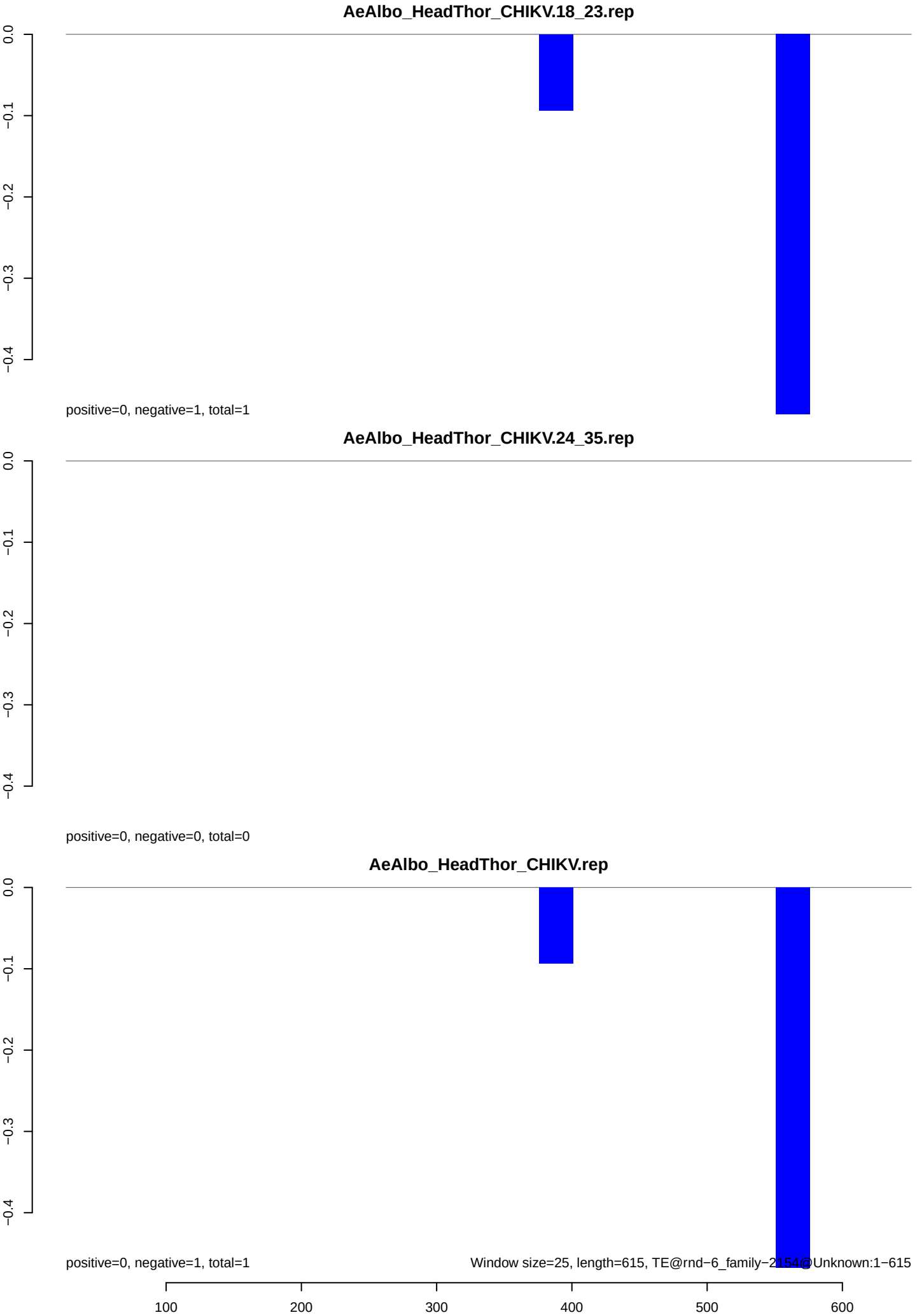

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

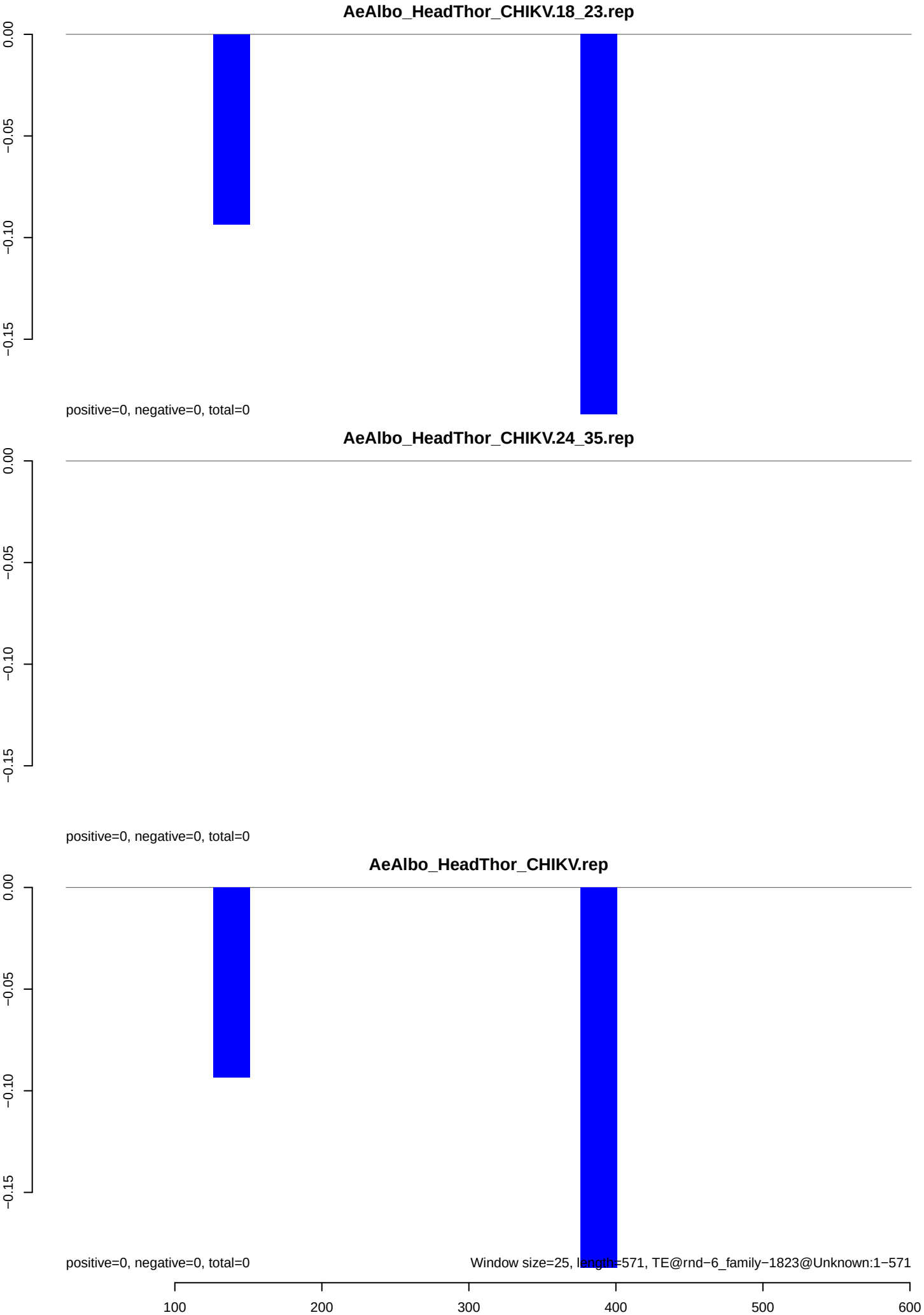

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

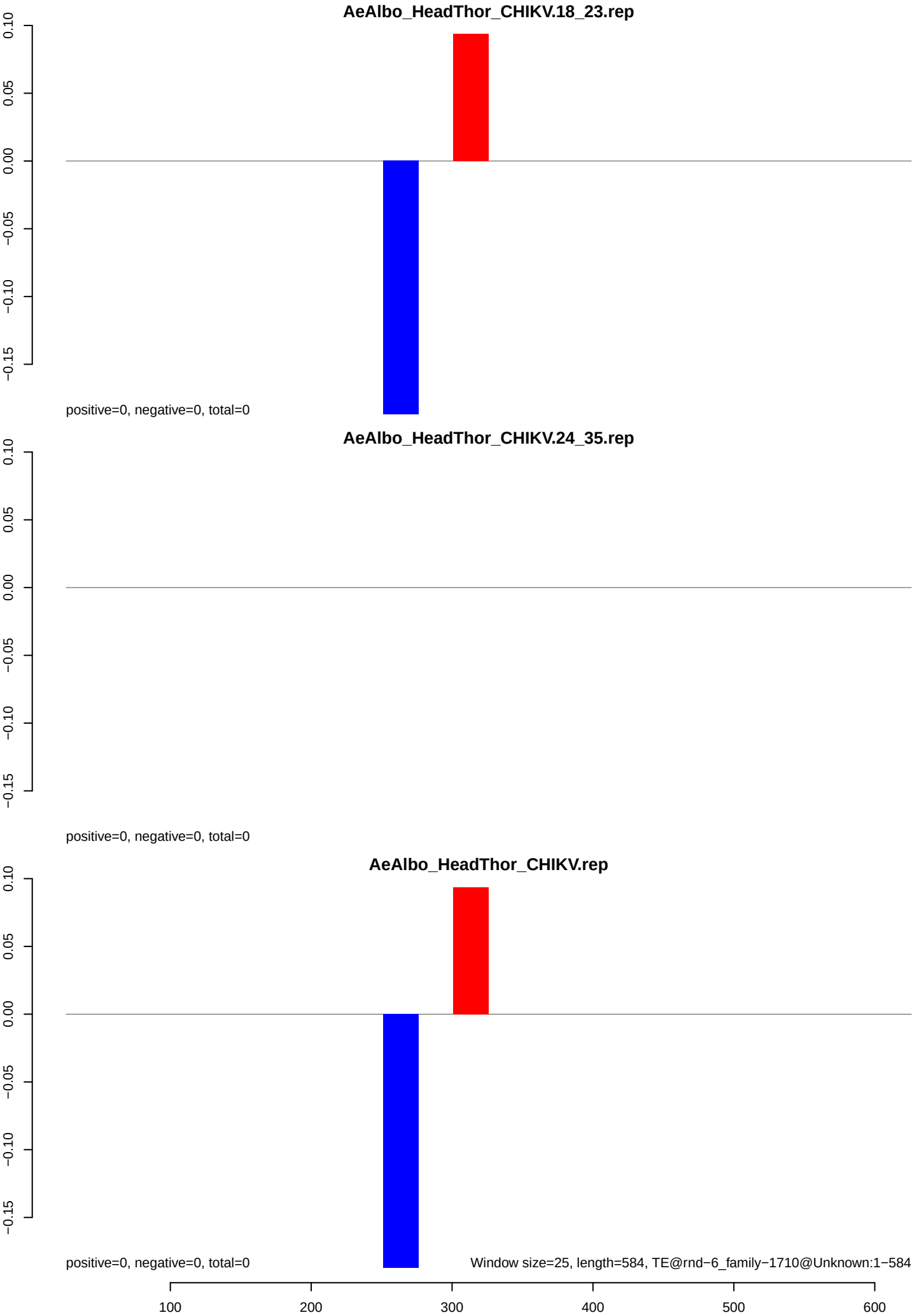

AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=593, TE@rnd−6_family−2659@LTR_Gypsy:1−593
100
200
300
400
500
600

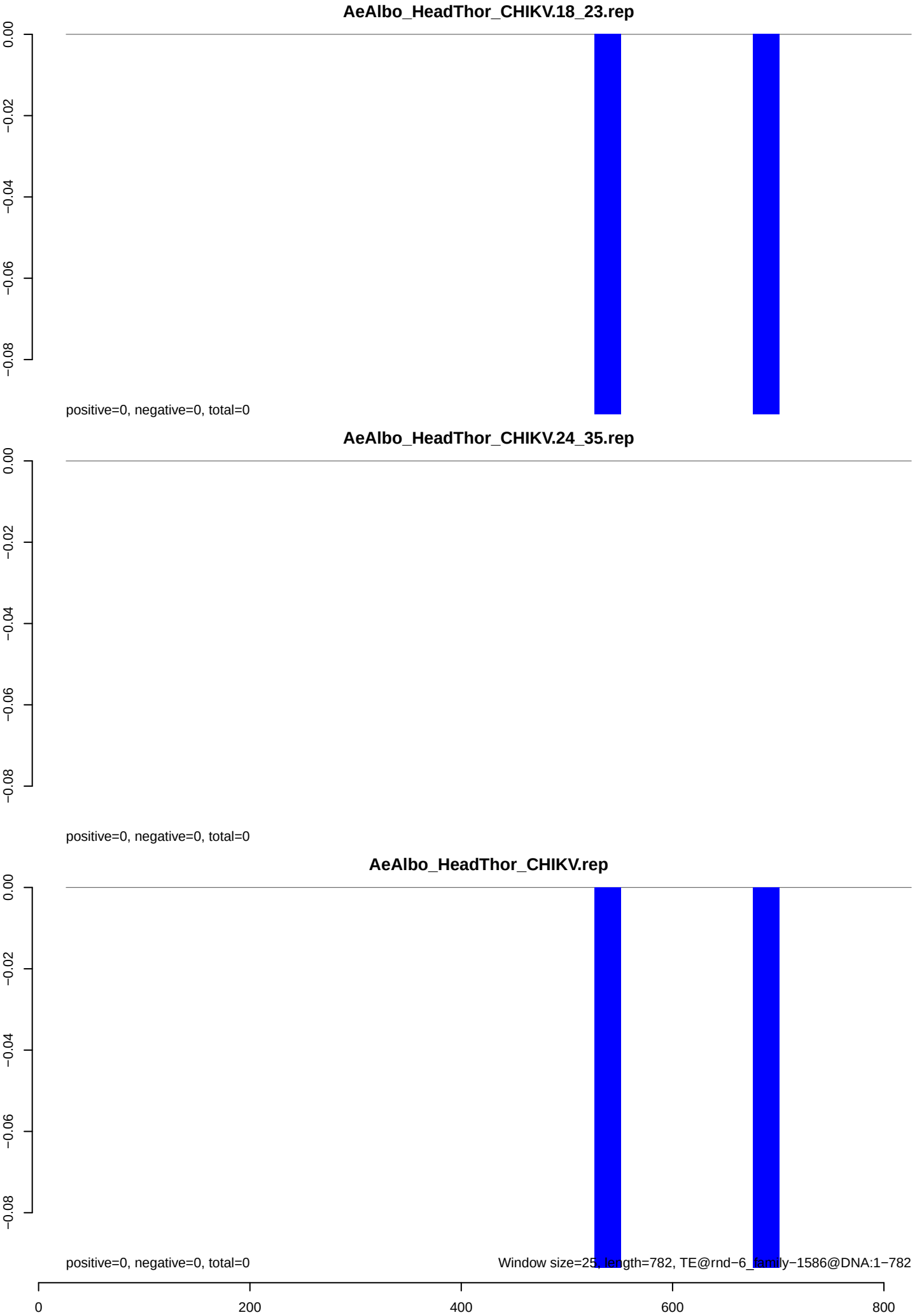

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=985, TE@rnd−6_family−2421@LTR_Gypsy:1−985
0
200
400
600
800
1000

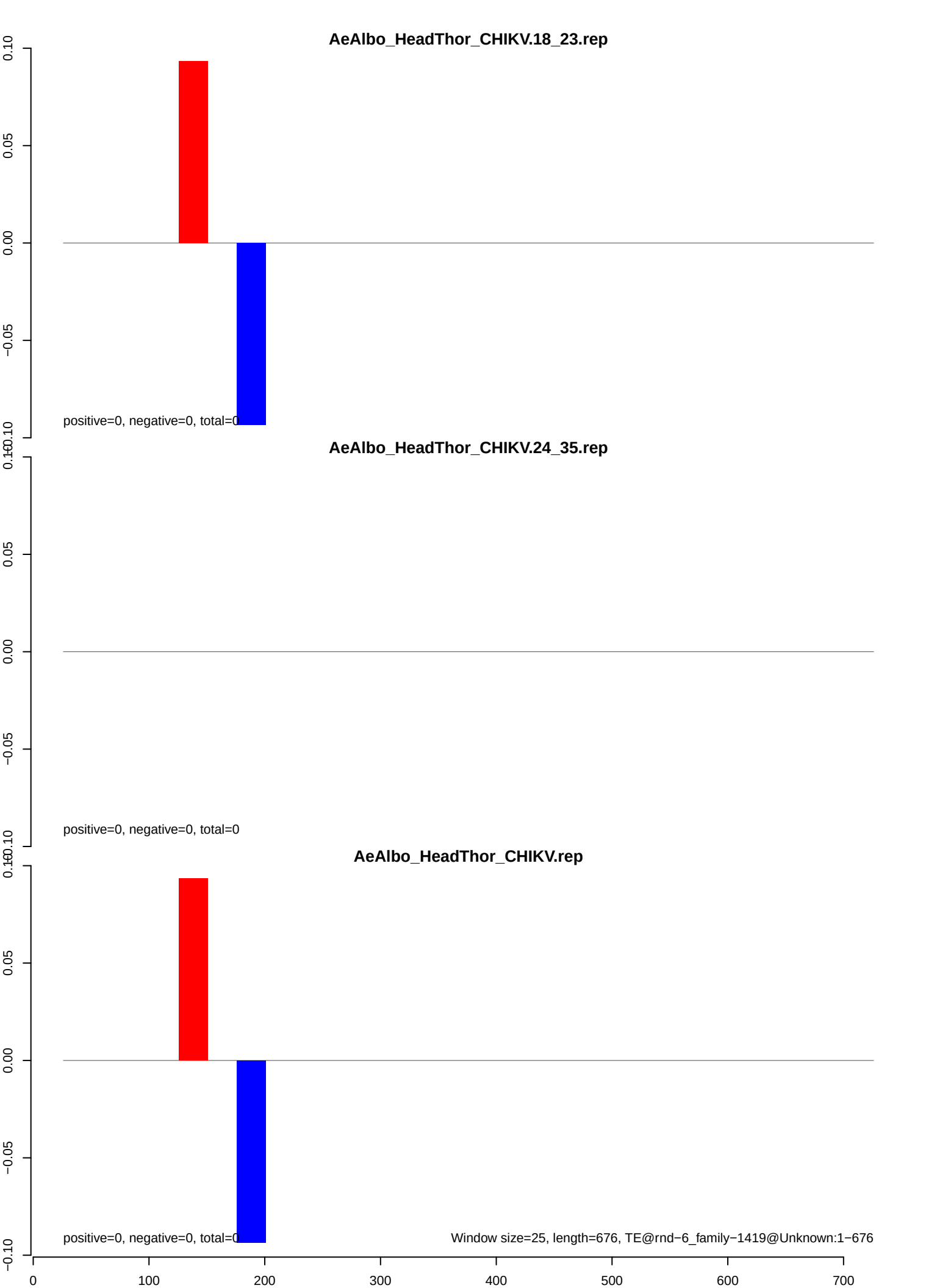

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=1396, TE@rnd−6_family−2327@LINE_CR1:1−1396
0
200
400
600
800
1000
1200
1400

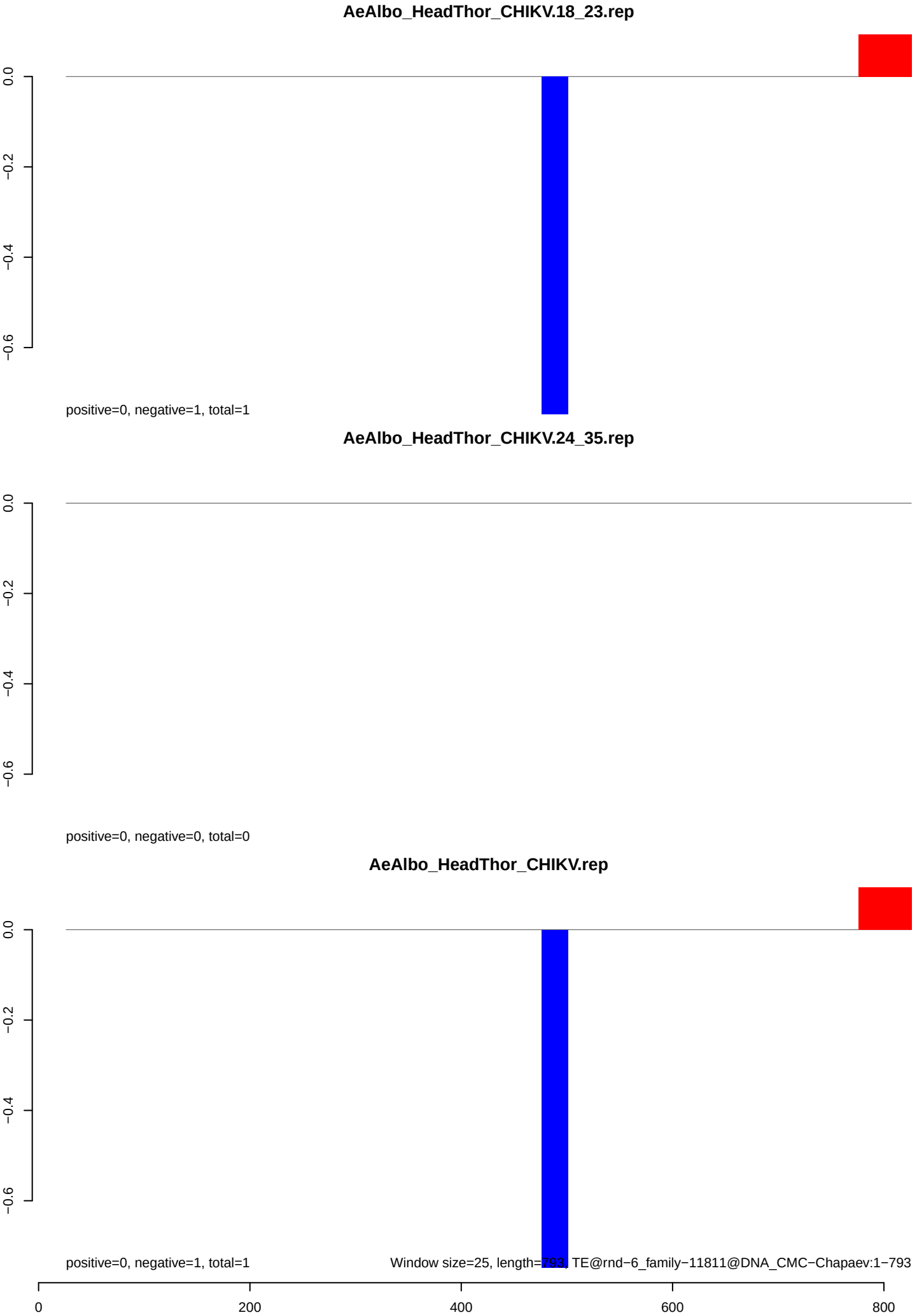

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=615, TE@rnd−6_family−2154@Unknown:1−615
100
200
300
400
500
600

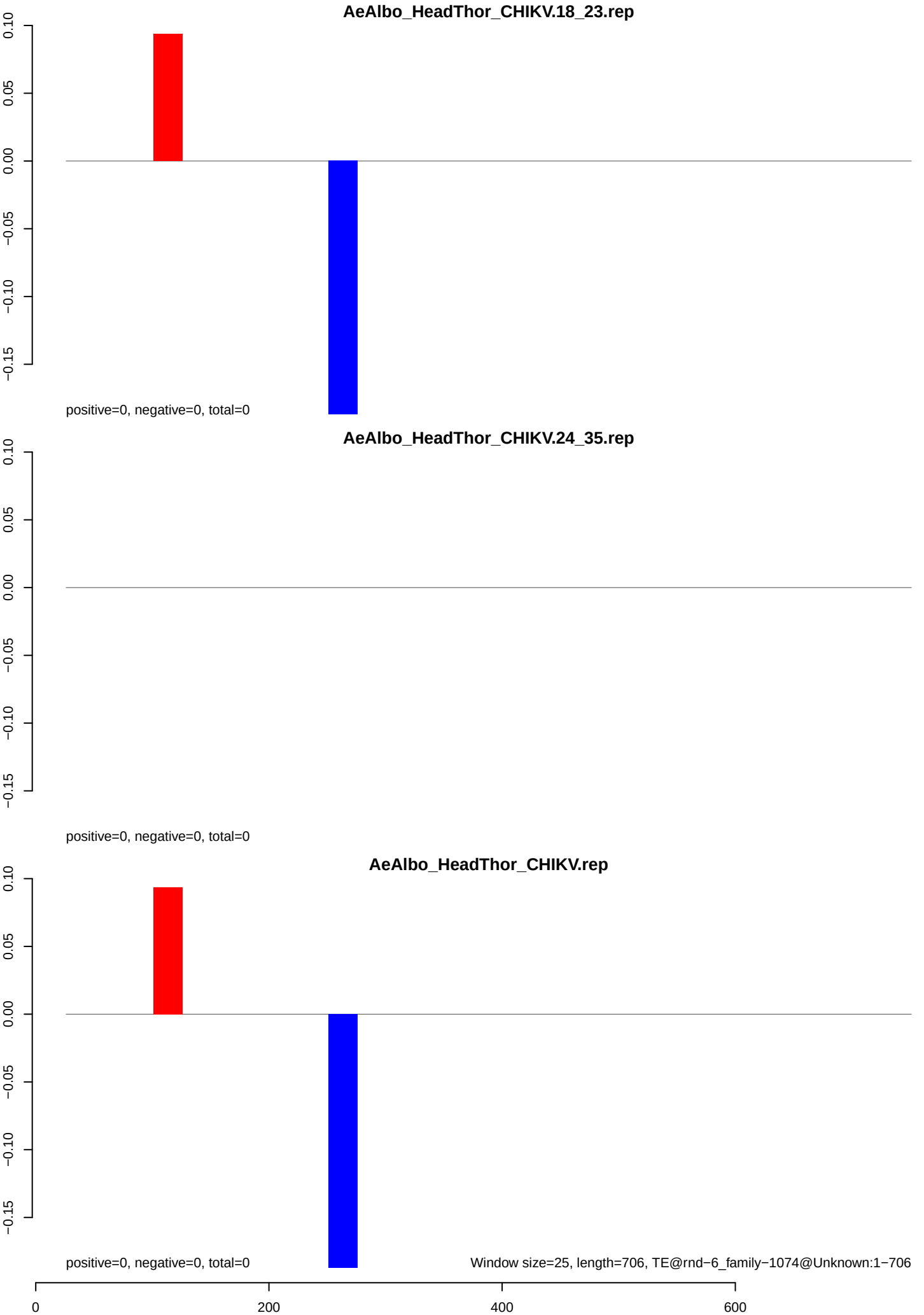

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=571, TE@rnd−6_family−1823@Unknown:1−571
100
200
300
400
500
600

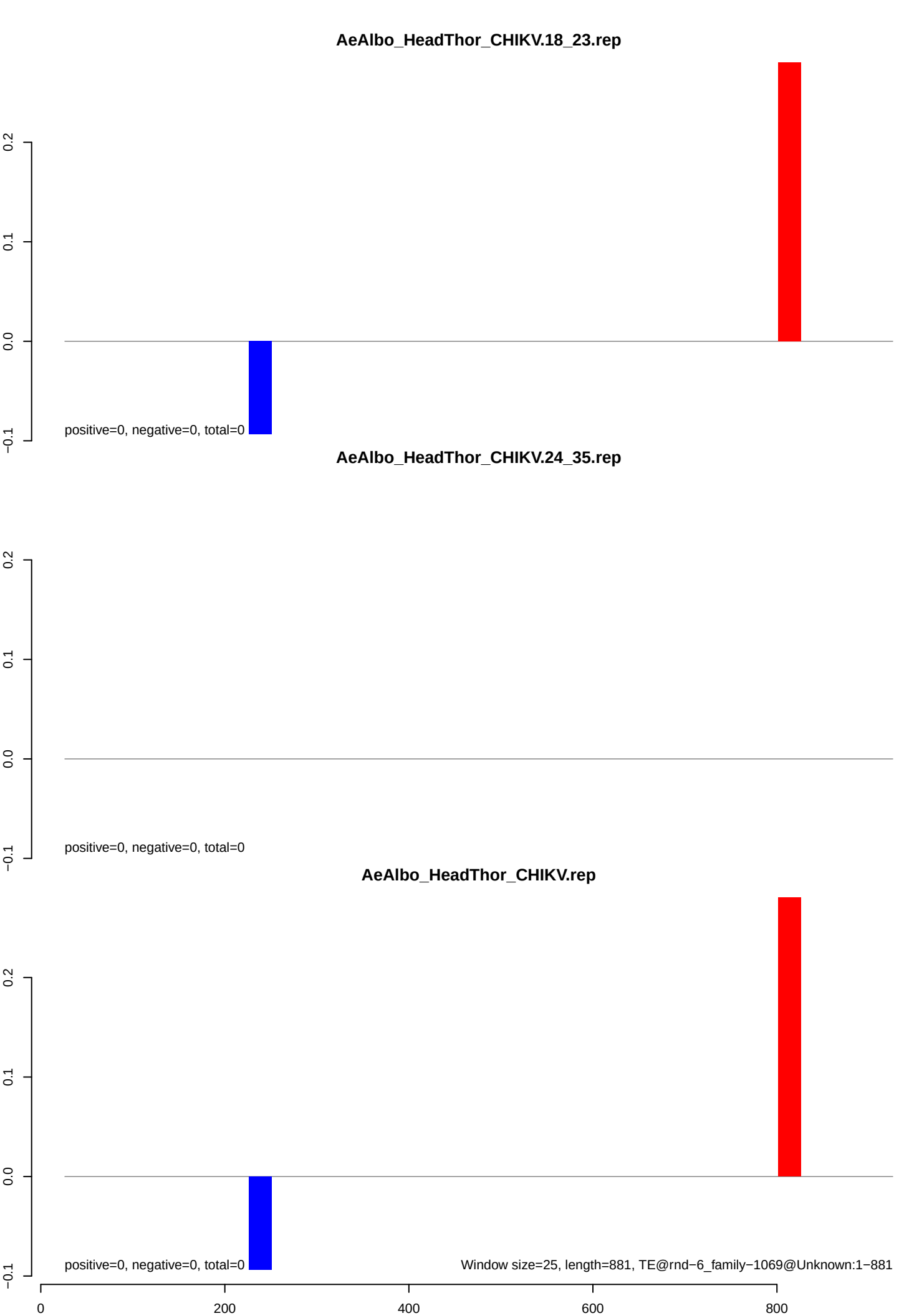

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=584, TE@rnd−6_family−1710@Unknown:1−584
100
200
300
400
500
600

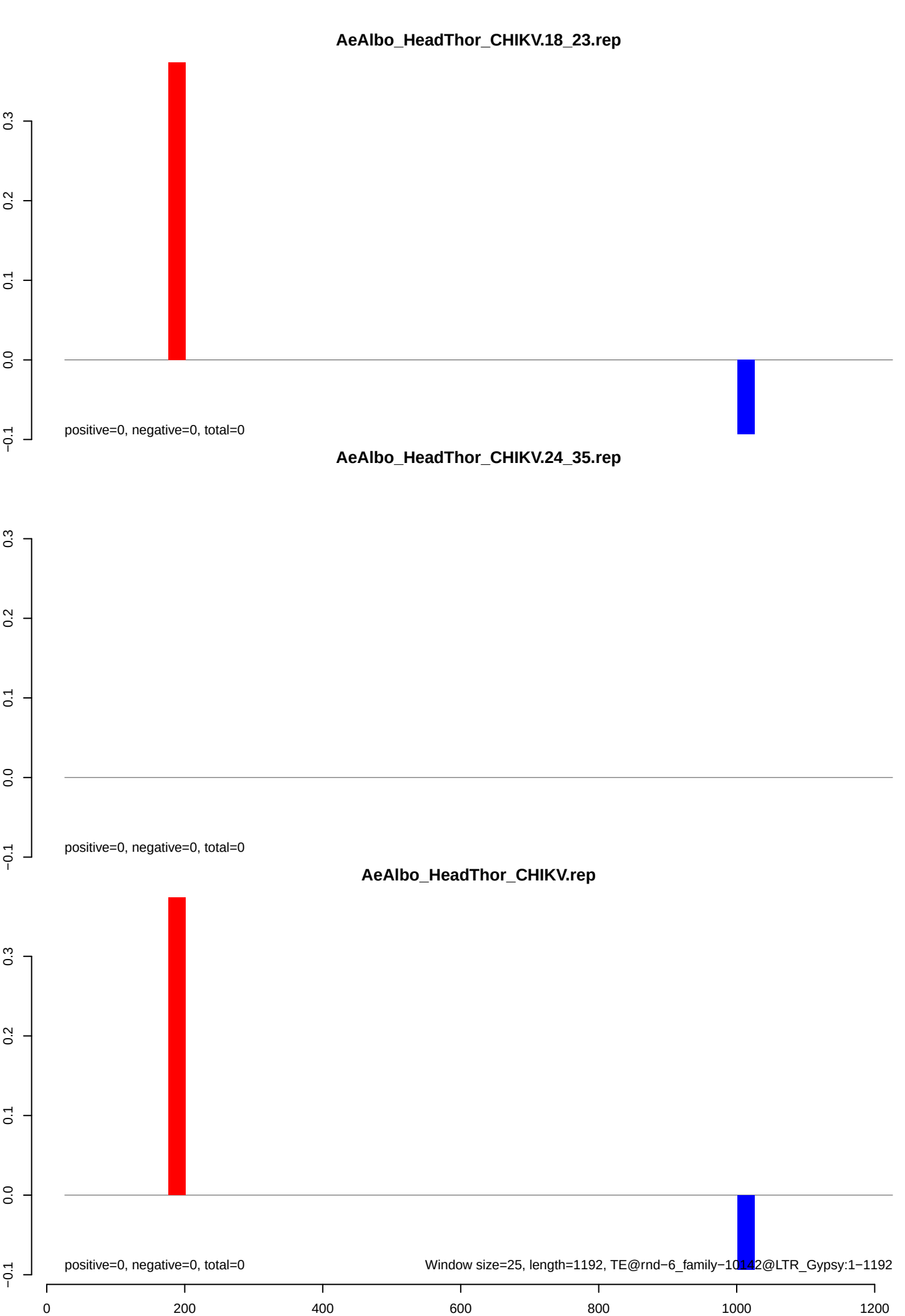

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=782, TE@rnd−6_family−1586@DNA:1−782
0
200
400
600
800

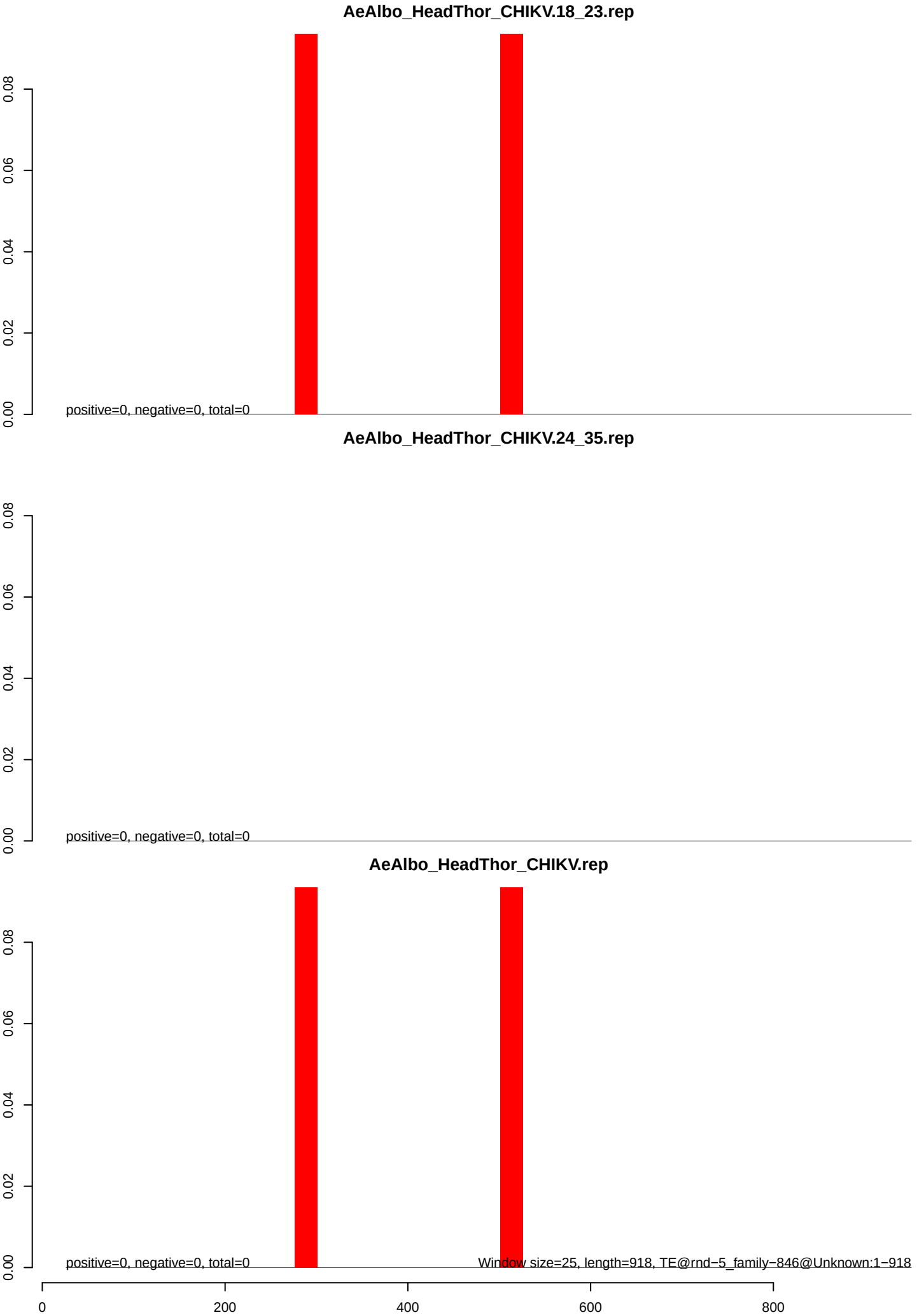

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=676, TE@rnd−6_family−1419@Unknown:1−676
0
100
200
300
400
500
600
700

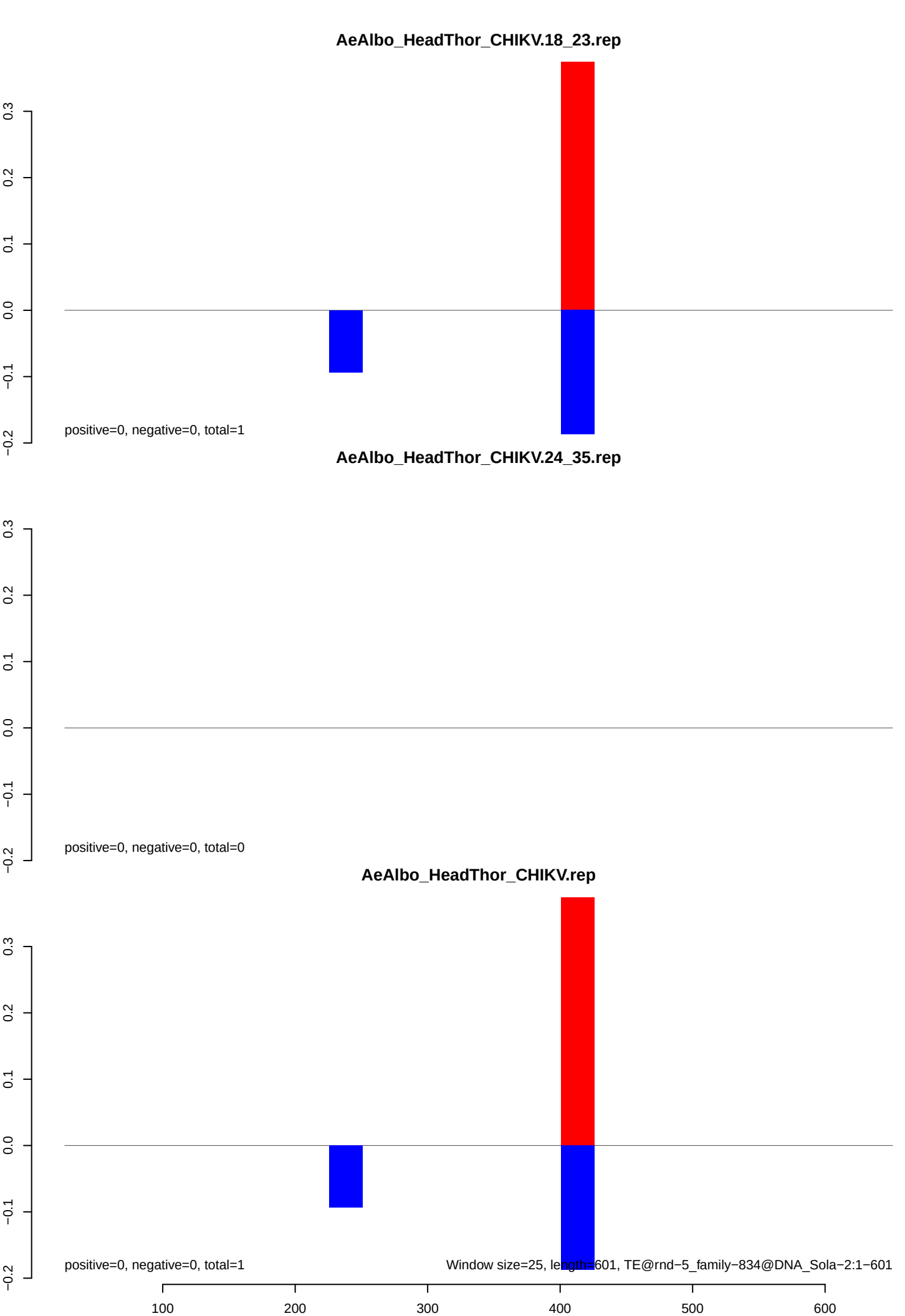

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=793, TE@rnd−6_family−11811@DNA_CMC−Chapaev:1−793
0
200
400
600
800

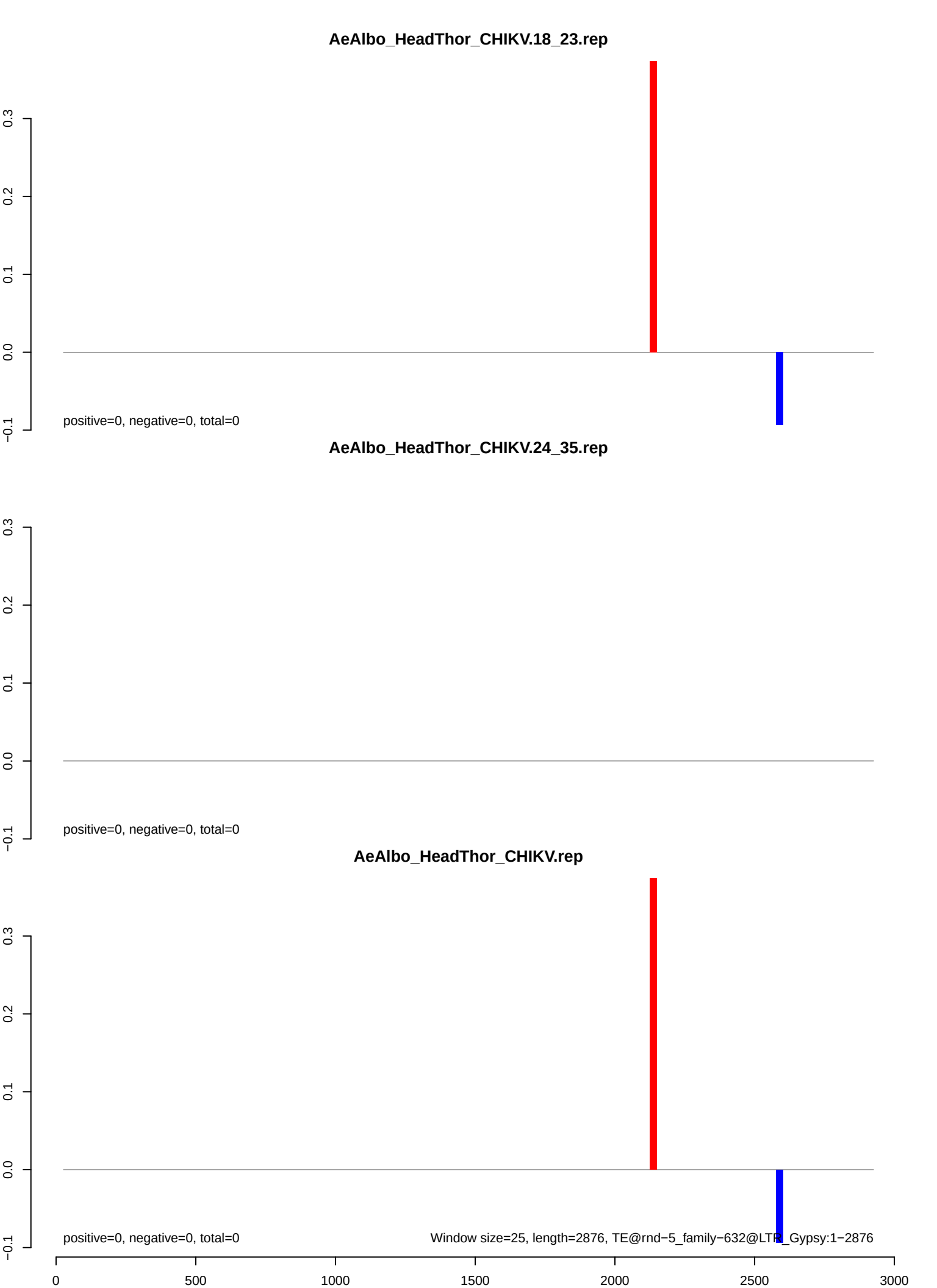

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=706, TE@rnd−6_family−1074@Unknown:1−706
0
200
400
600

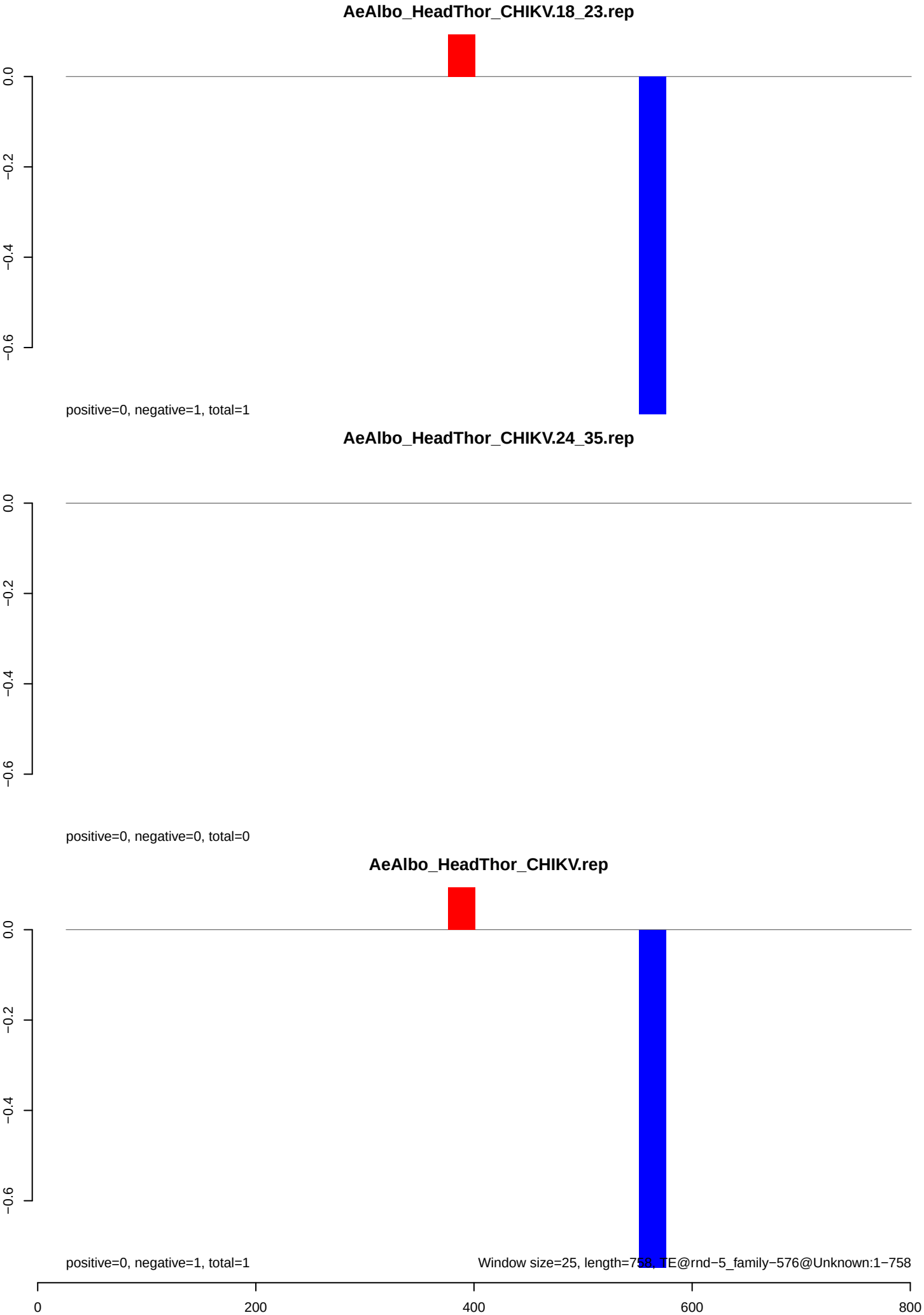

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
Window size=25, length=881, TE@rnd−6_family−1069@Unknown:1−881
0
200
400
600
800

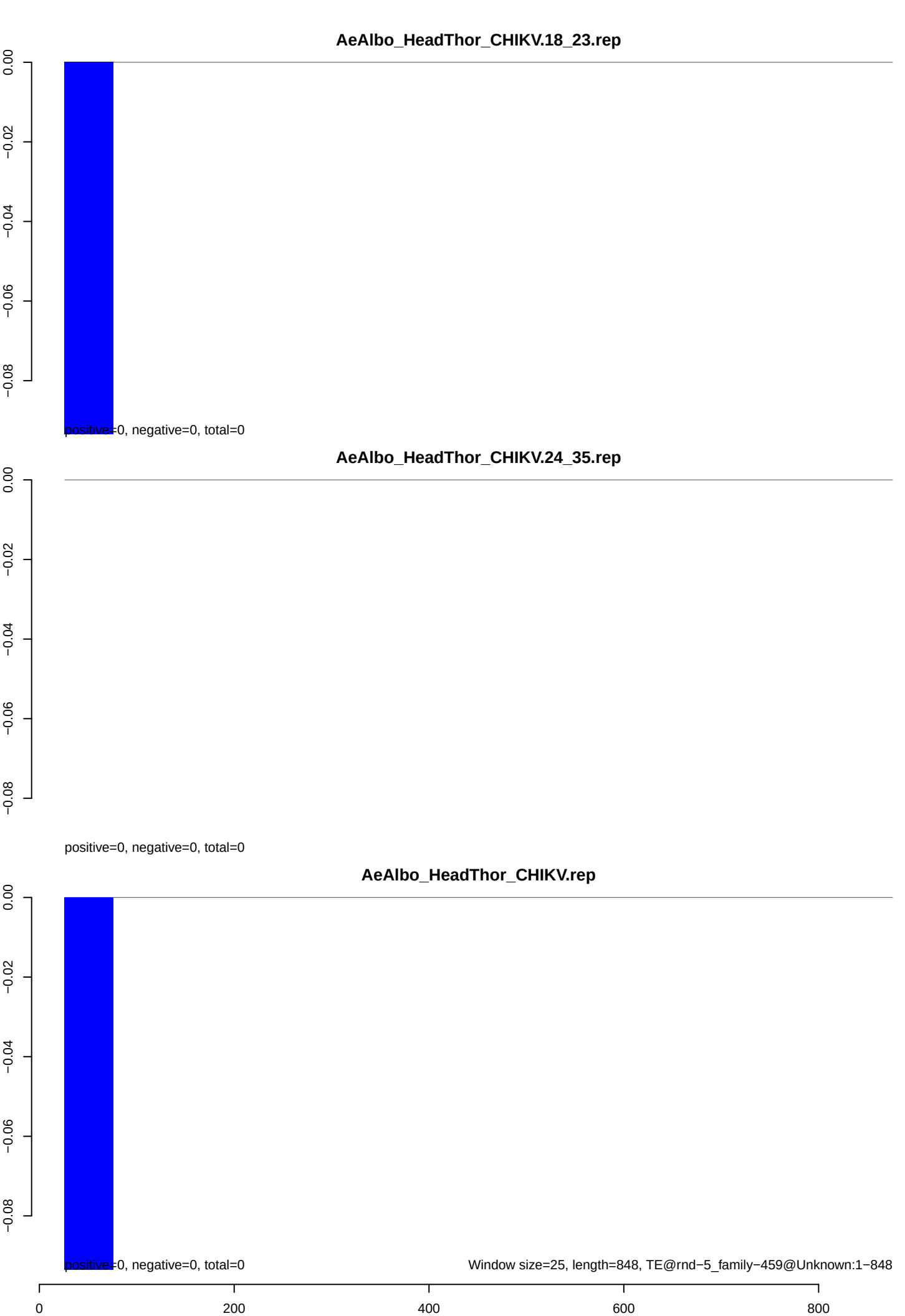

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
Window size=25, length=1192, TE@rnd−6_family−10142@LTR_Gypsy:1−1192
0
200
400
600
800
1000
1200

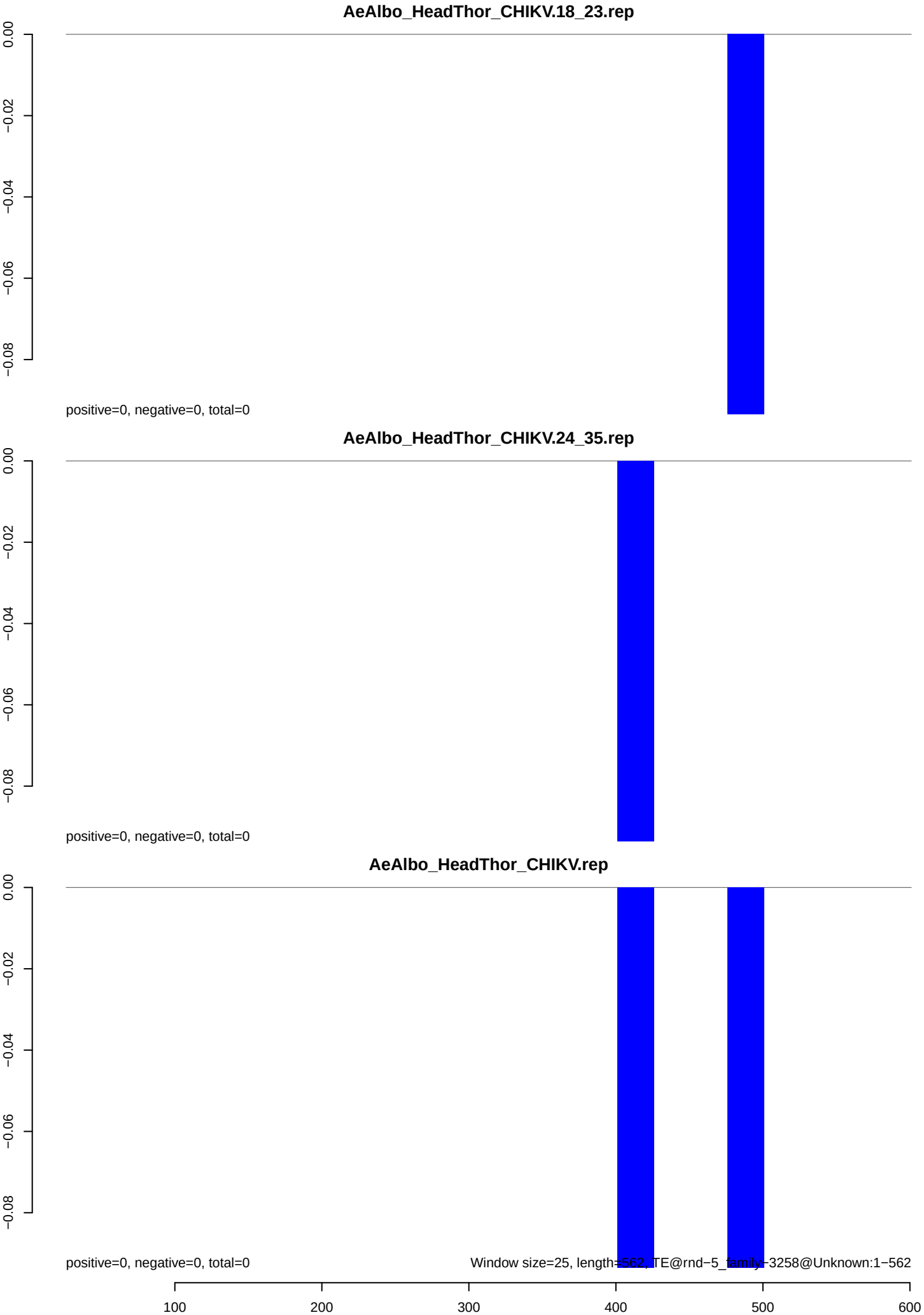

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=918, TE@rnd−5_family−846@Unknown:1−918
0
200
400
600
800

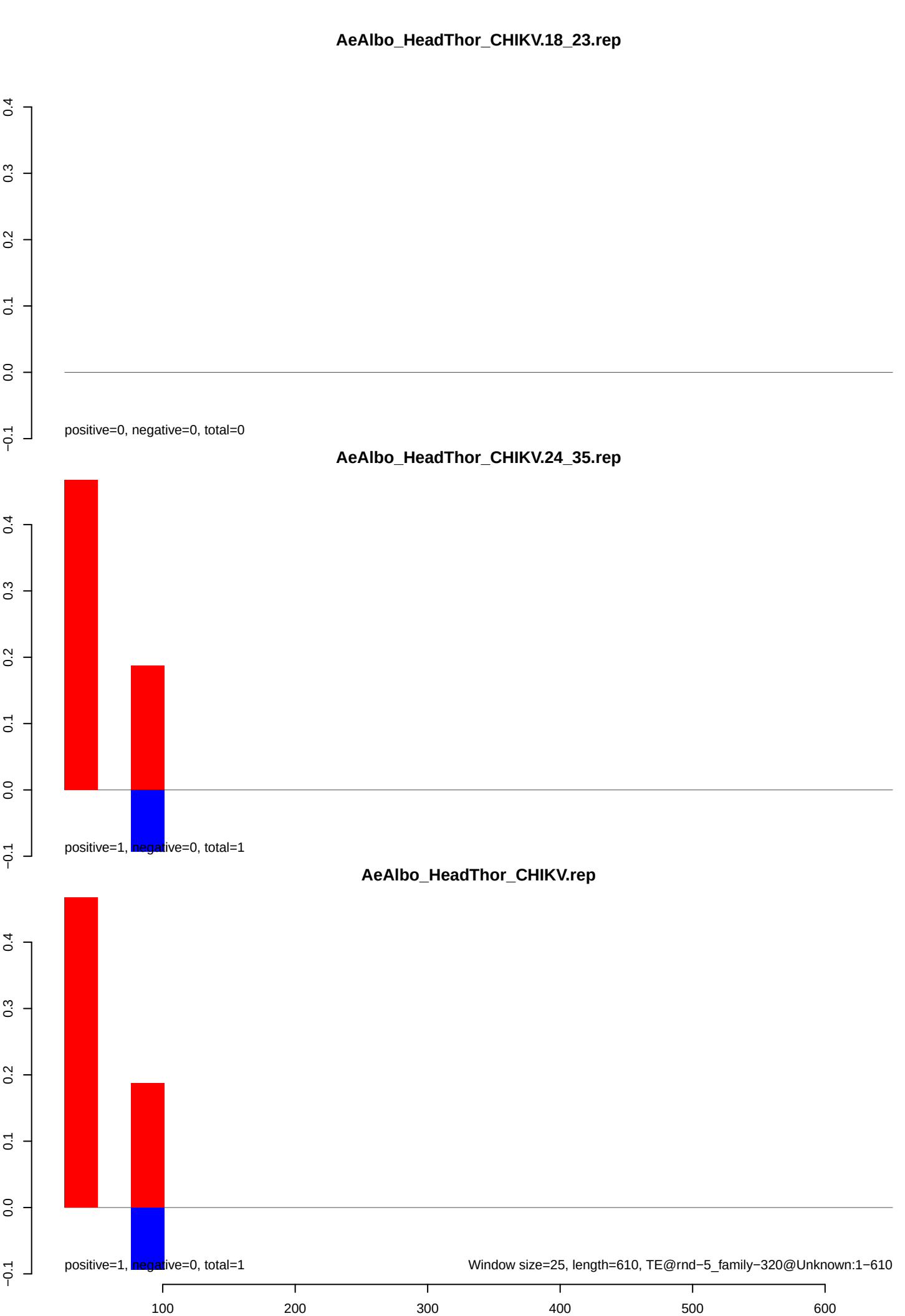

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=1
Window size=25, length=601, TE@rnd−5_family−834@DNA_Sola−2:1−601
100
200
300
400
500
600

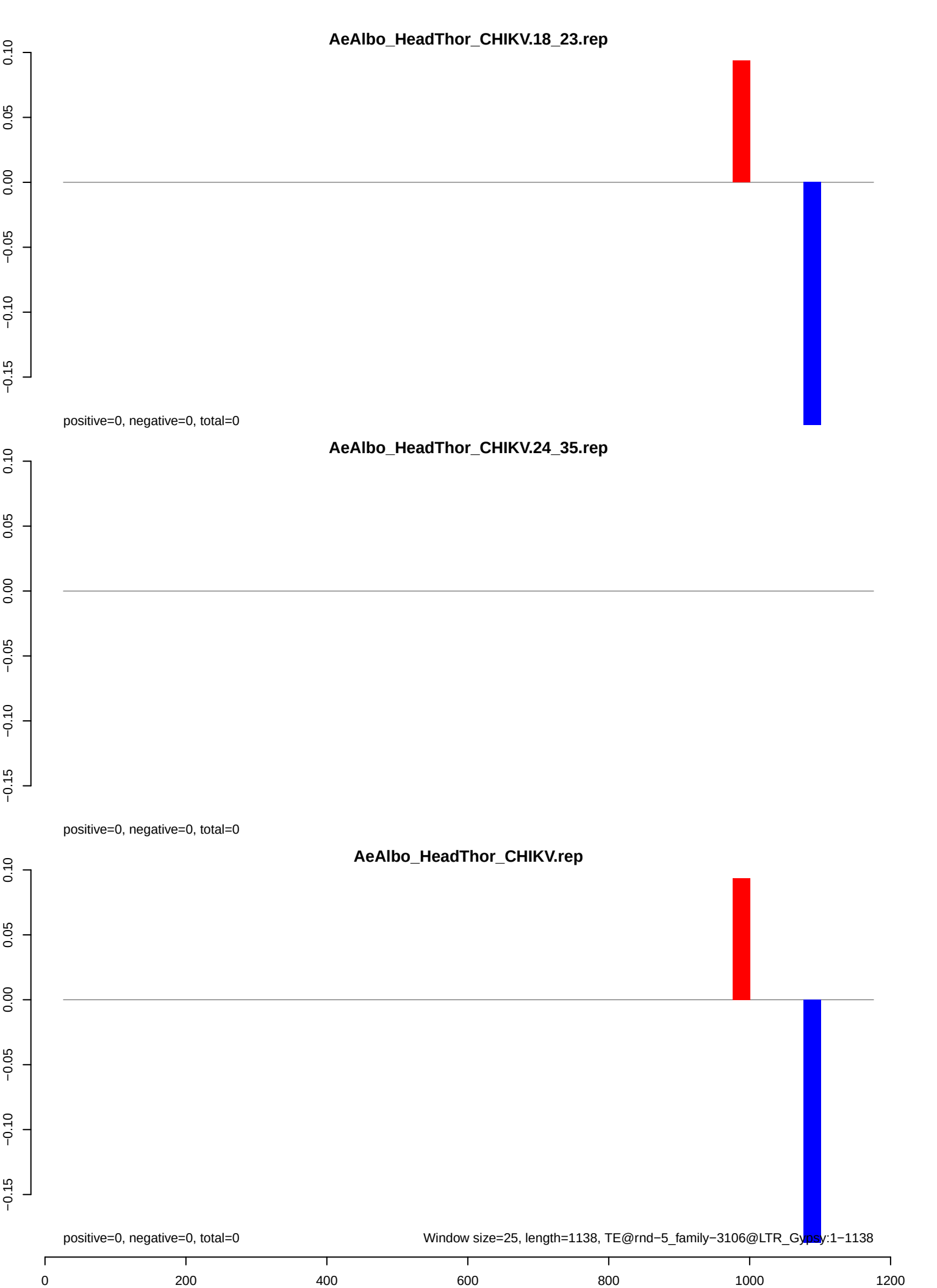

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
Window size=25, length=2876, TE@rnd−5_family−632@LTR_Gypsy:1−2876
0
500
1000
1500
2000
2500
3000

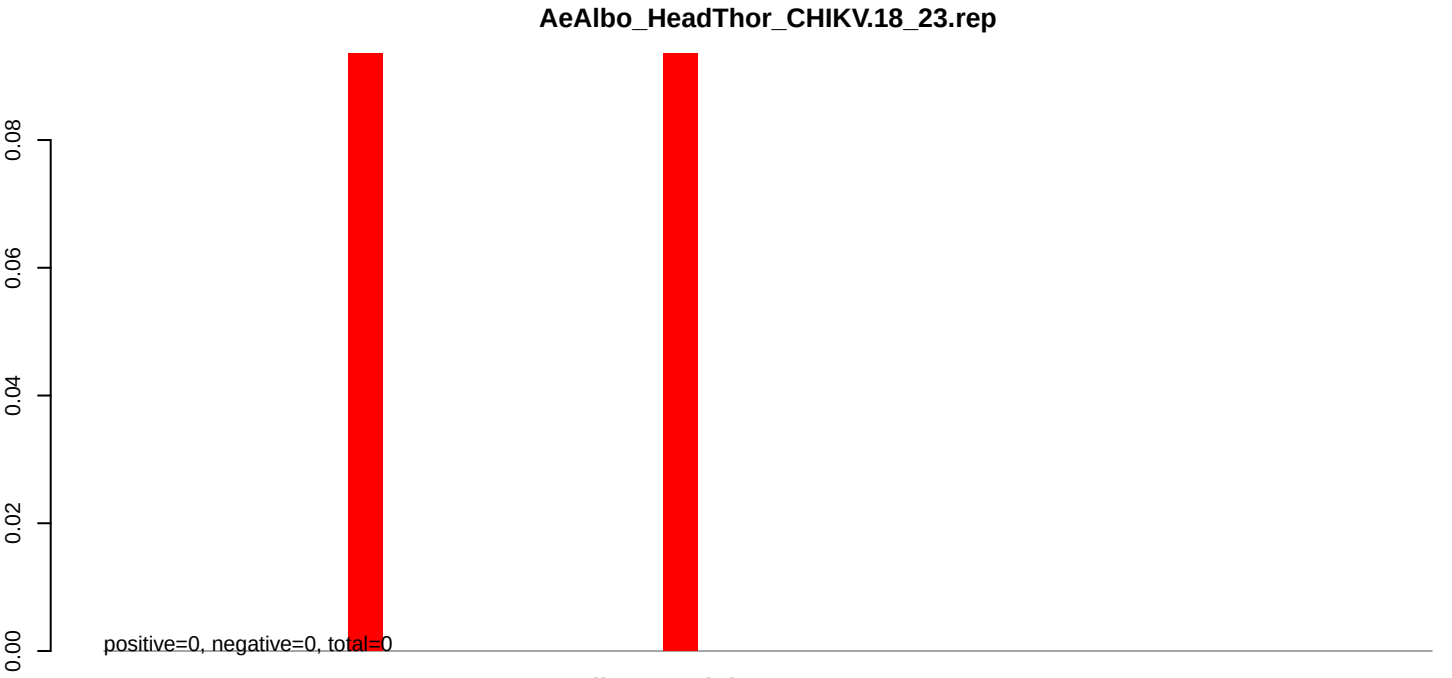

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=758, TE@rnd−5_family−576@Unknown:1−758
0
200
400
600
800

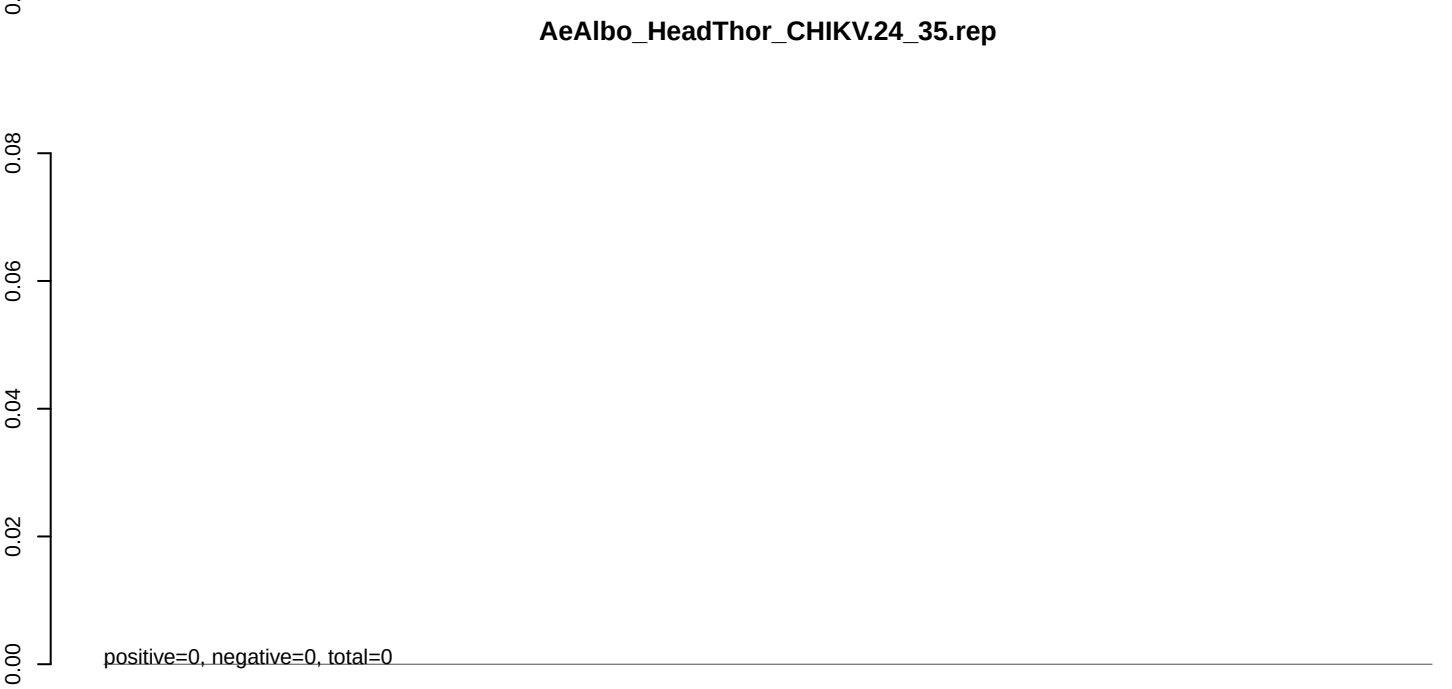

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=848, TE@rnd−5_family−459@Unknown:1−848
0
200
400
600
800

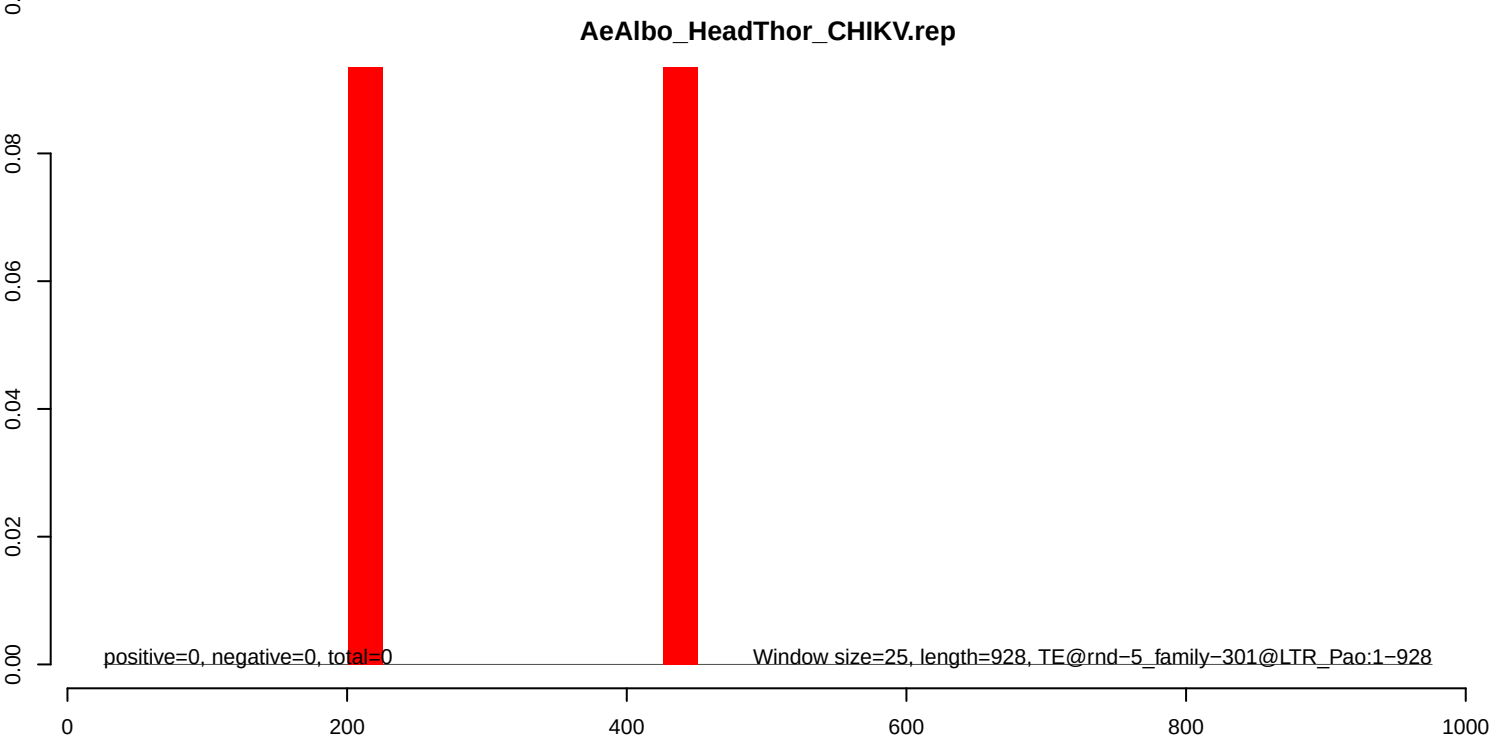

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=562, TE@rnd−5_family−3258@Unknown:1−562
100
200
300
400
500
600

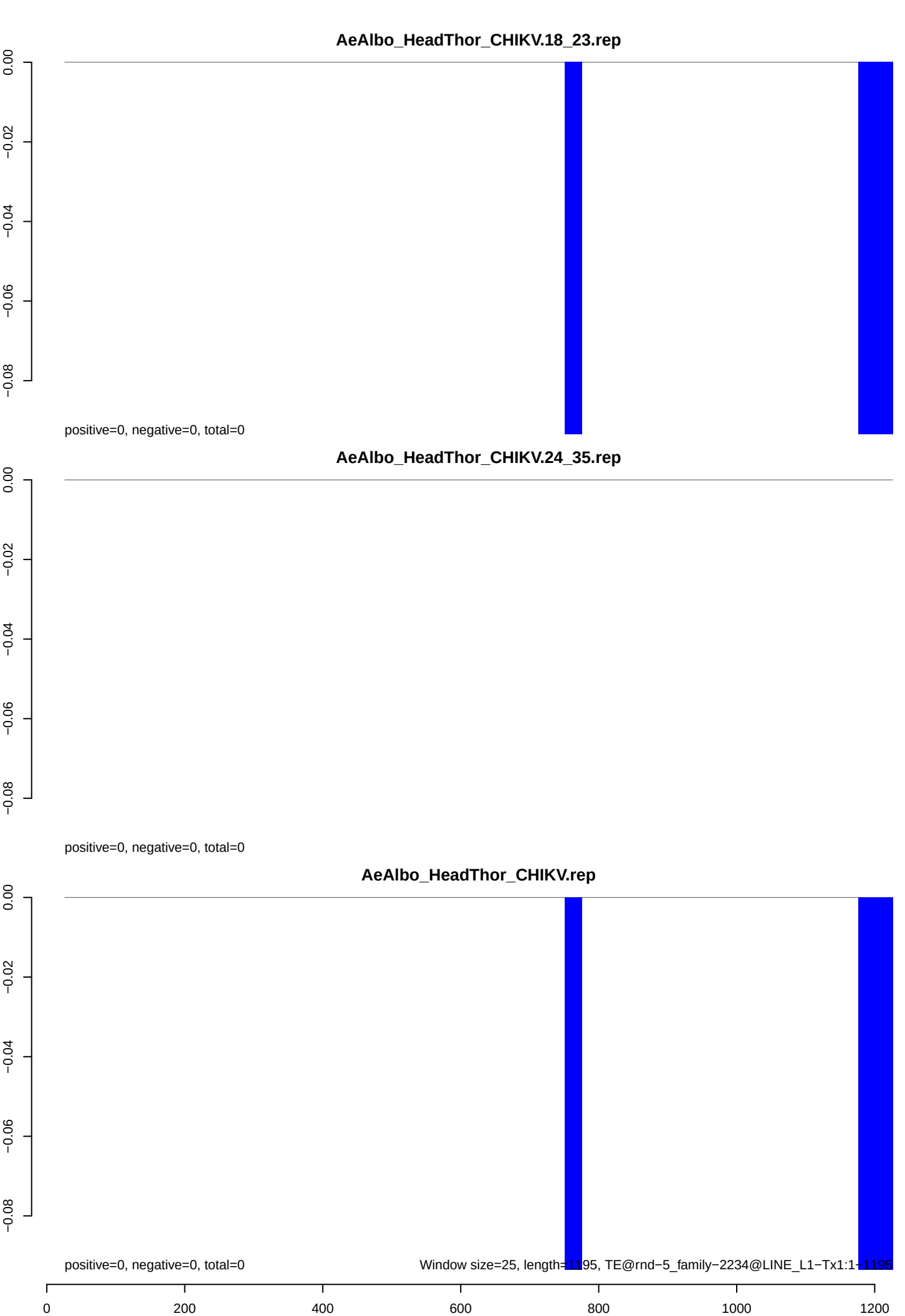

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=610, TE@rnd−5_family−320@Unknown:1−610
100
200
300
400
500
600

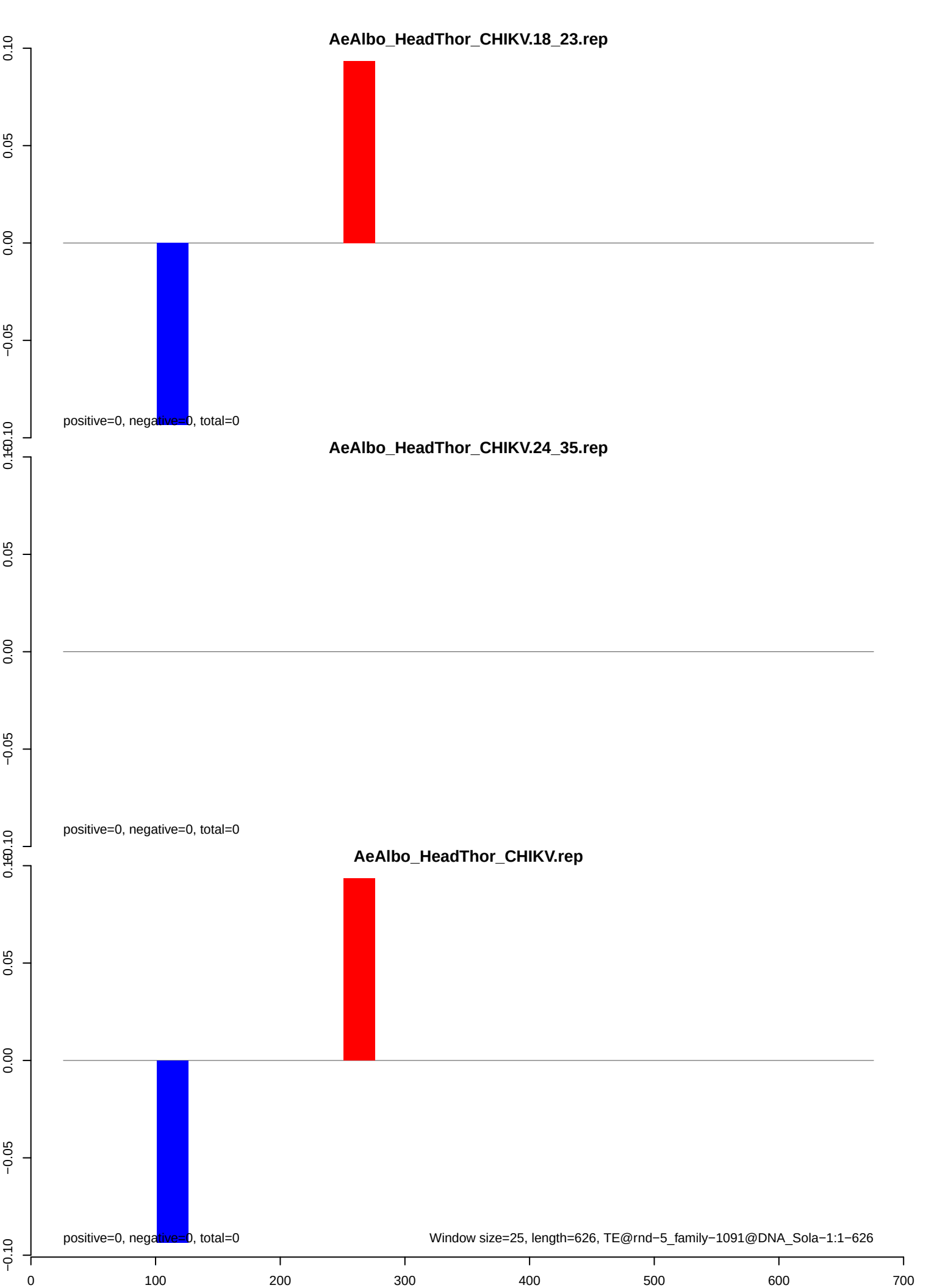

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1138, TE@rnd−5_family−3106@LTR_Gypsy:1−1138
0
200
400
600
800
1000
1200

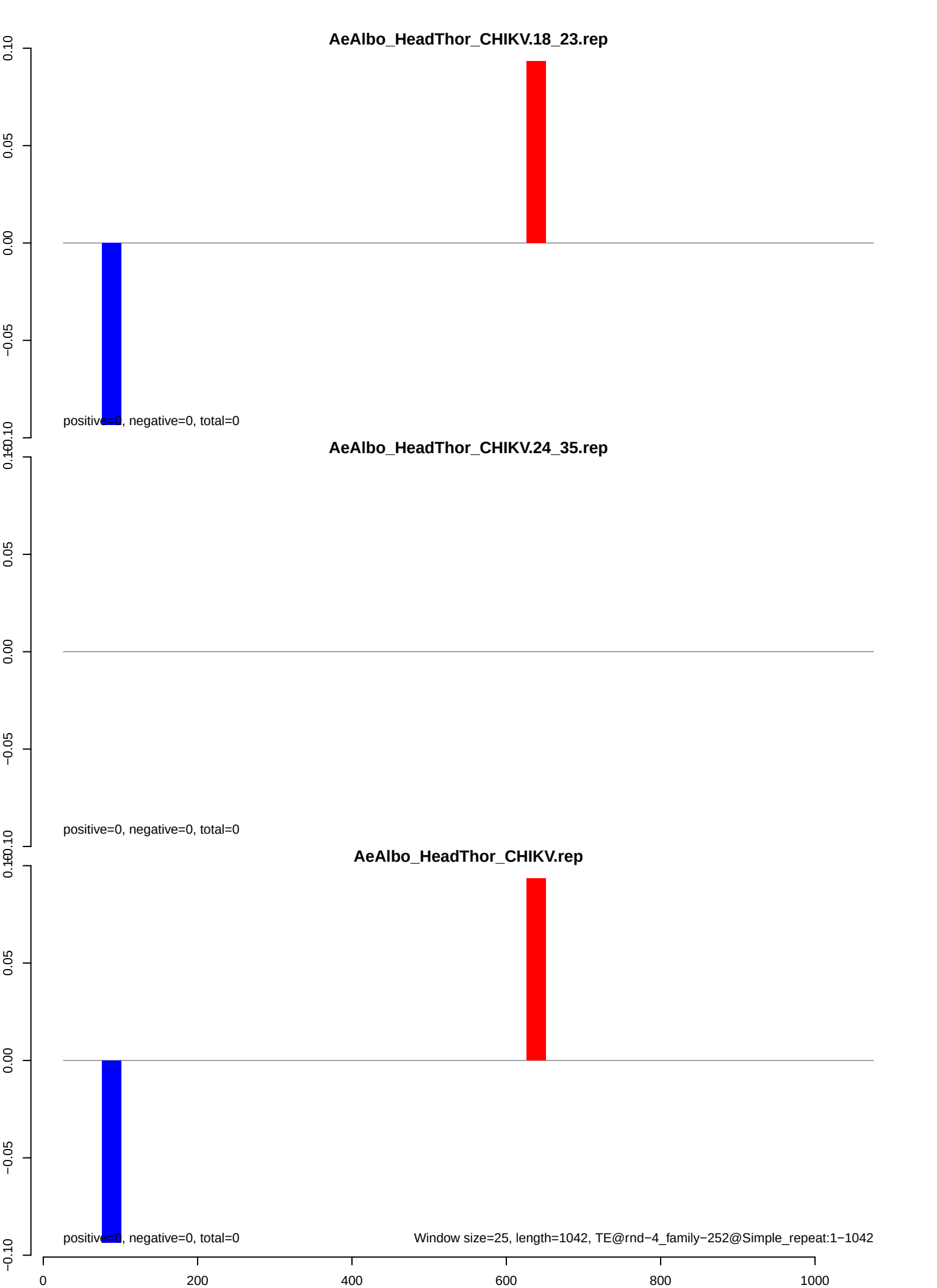

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

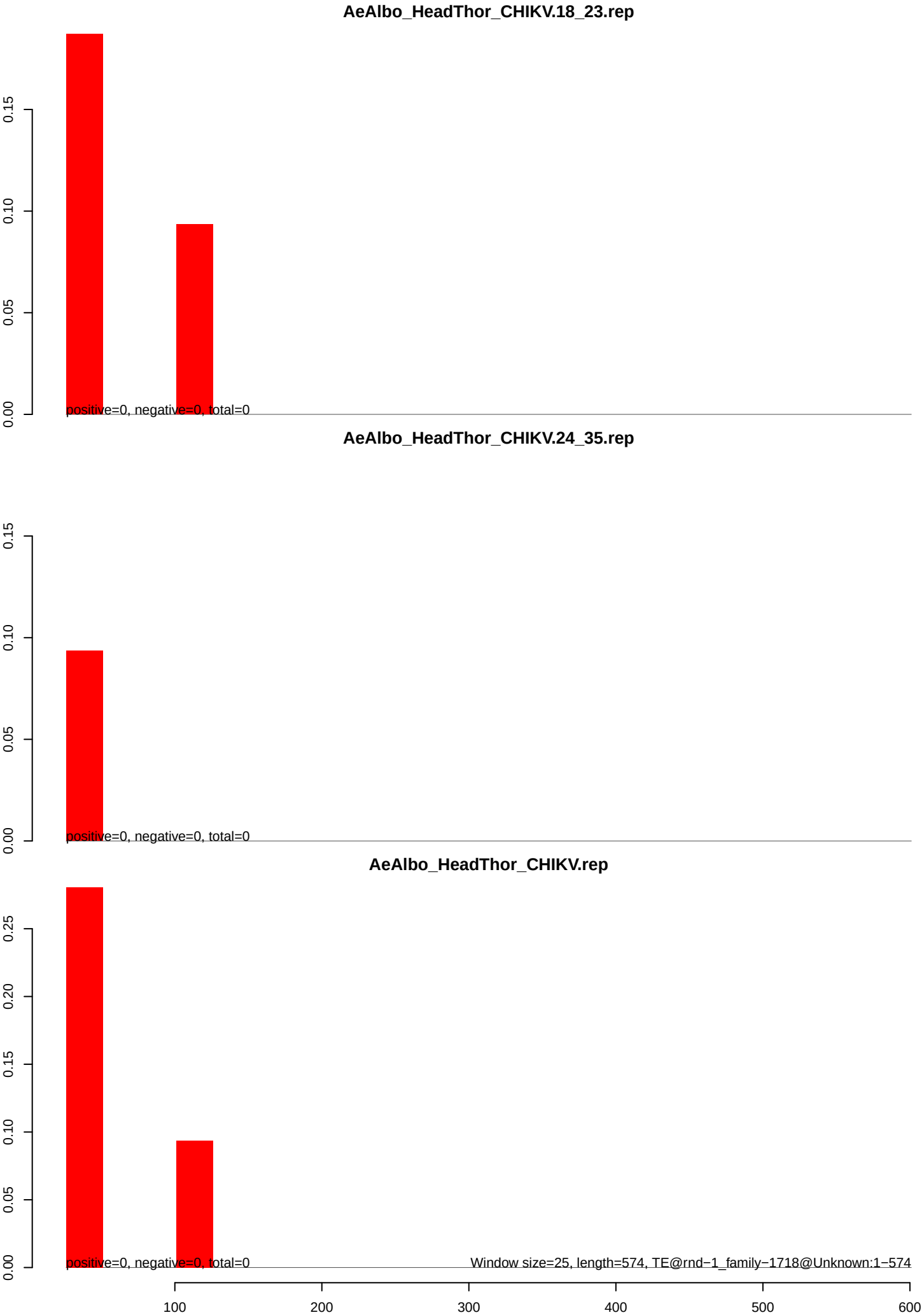

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

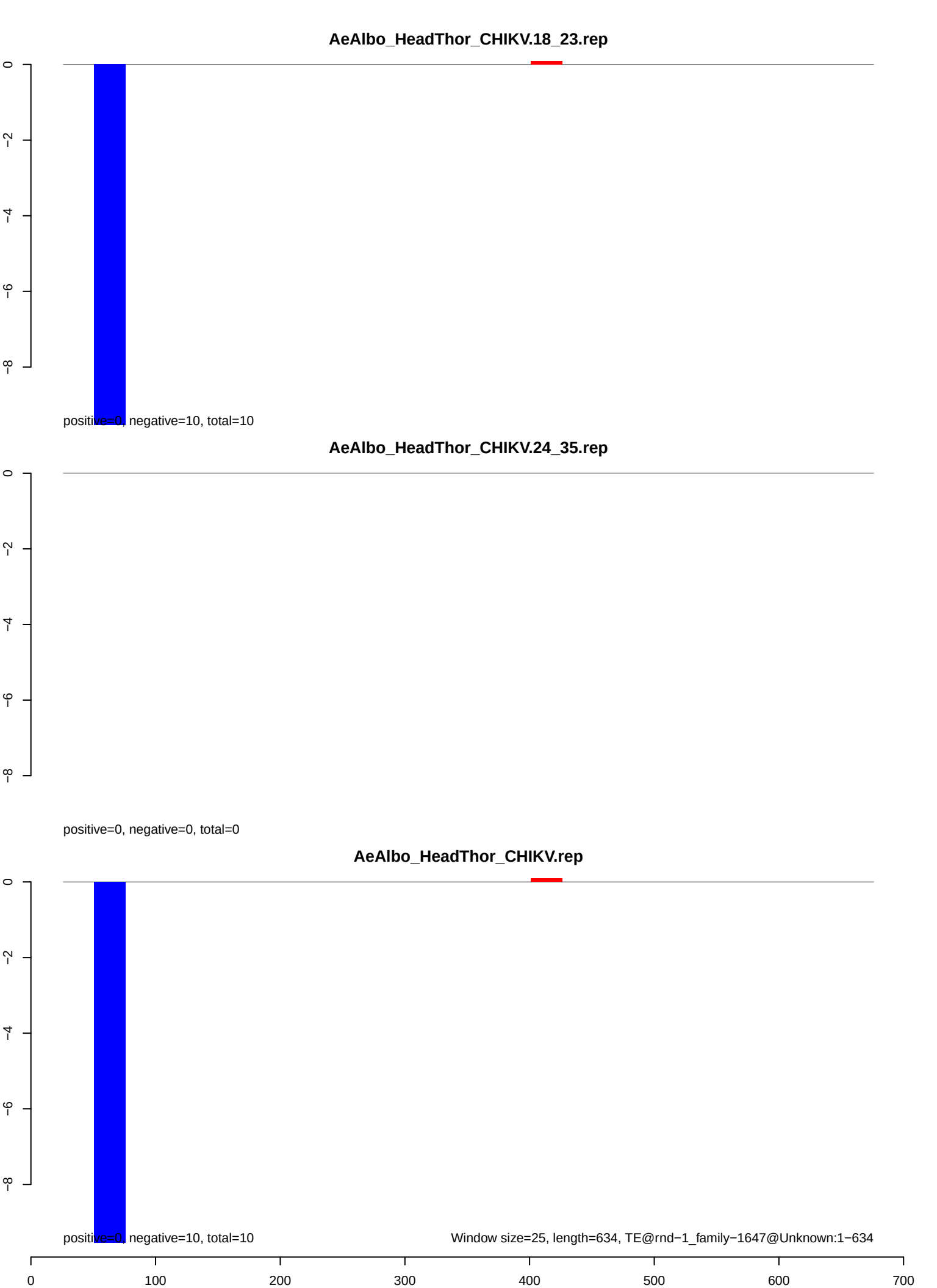

AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=928, TE@rnd−5_family−301@LTR_Pao:1−928
0
200
400
600
800
1000

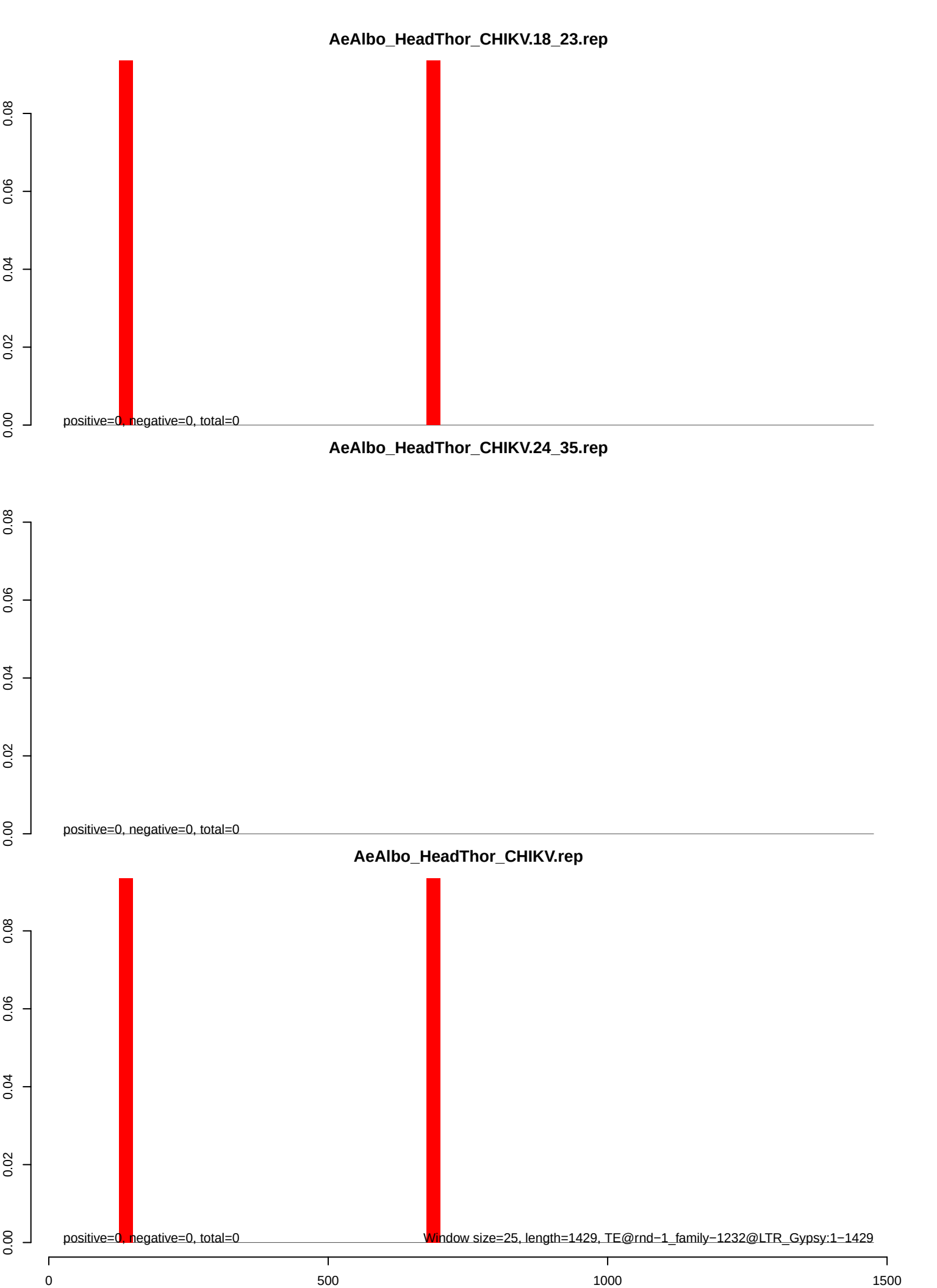

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=1195, TE@rnd−5_family−2234@LINE_L1−Tx1:1−1195
0
200
400
600
800
1000
1200

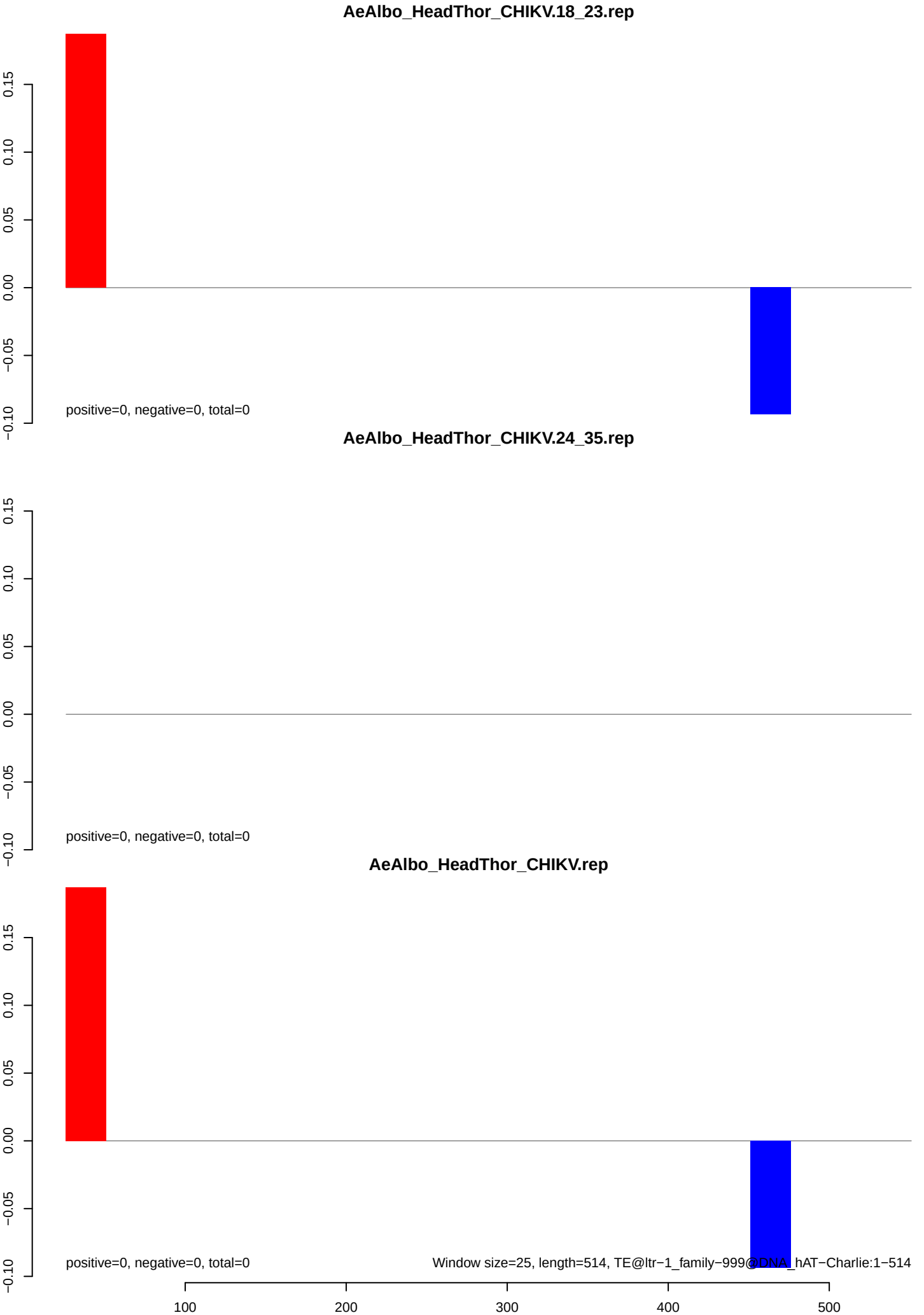

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=626, TE@rnd−5_family−1091@DNA_Sola−1:1−626
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700

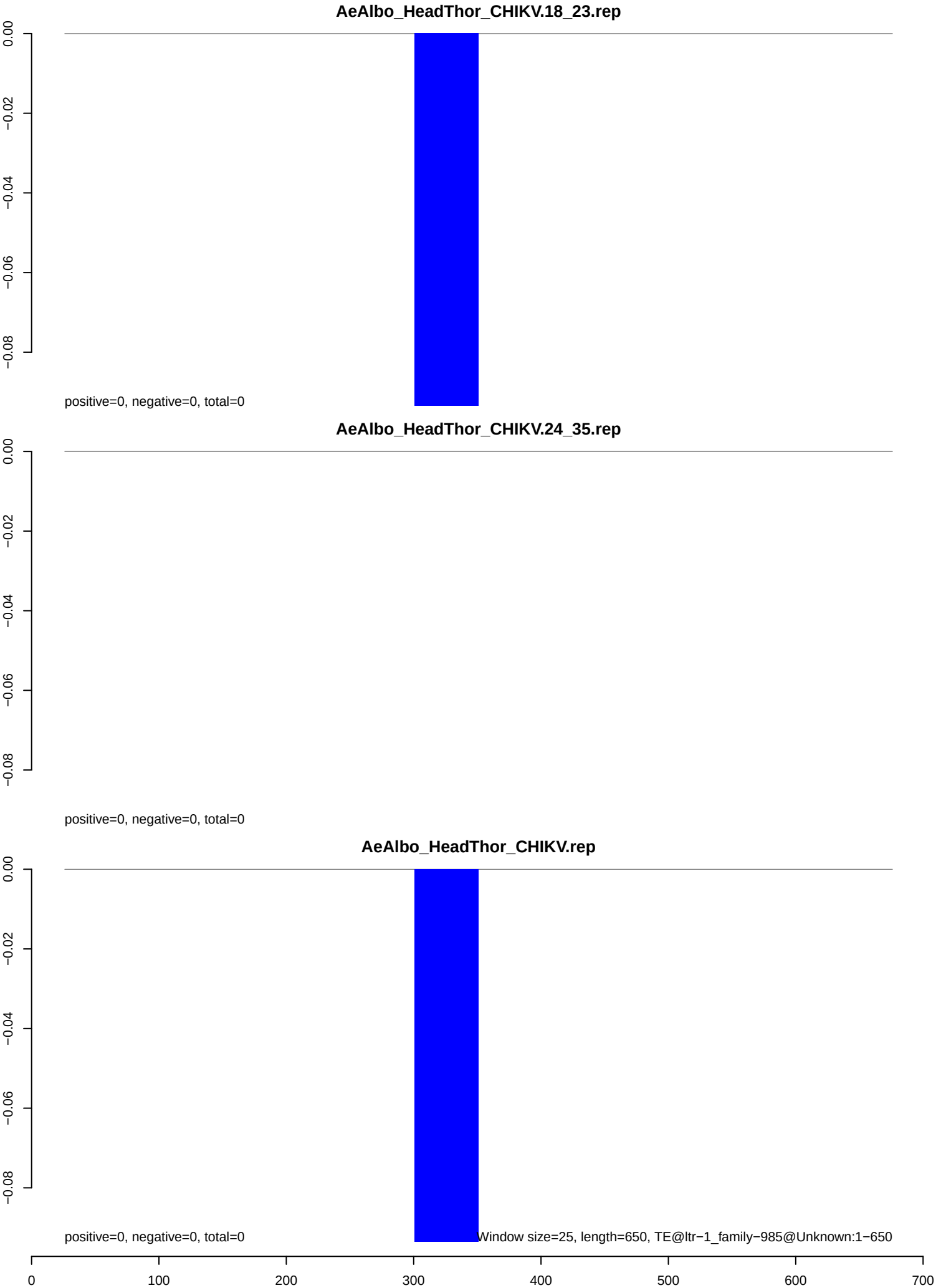

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1042, TE@rnd−4_family−252@Simple_repeat:1−1042
0
200
400
600
800
1000

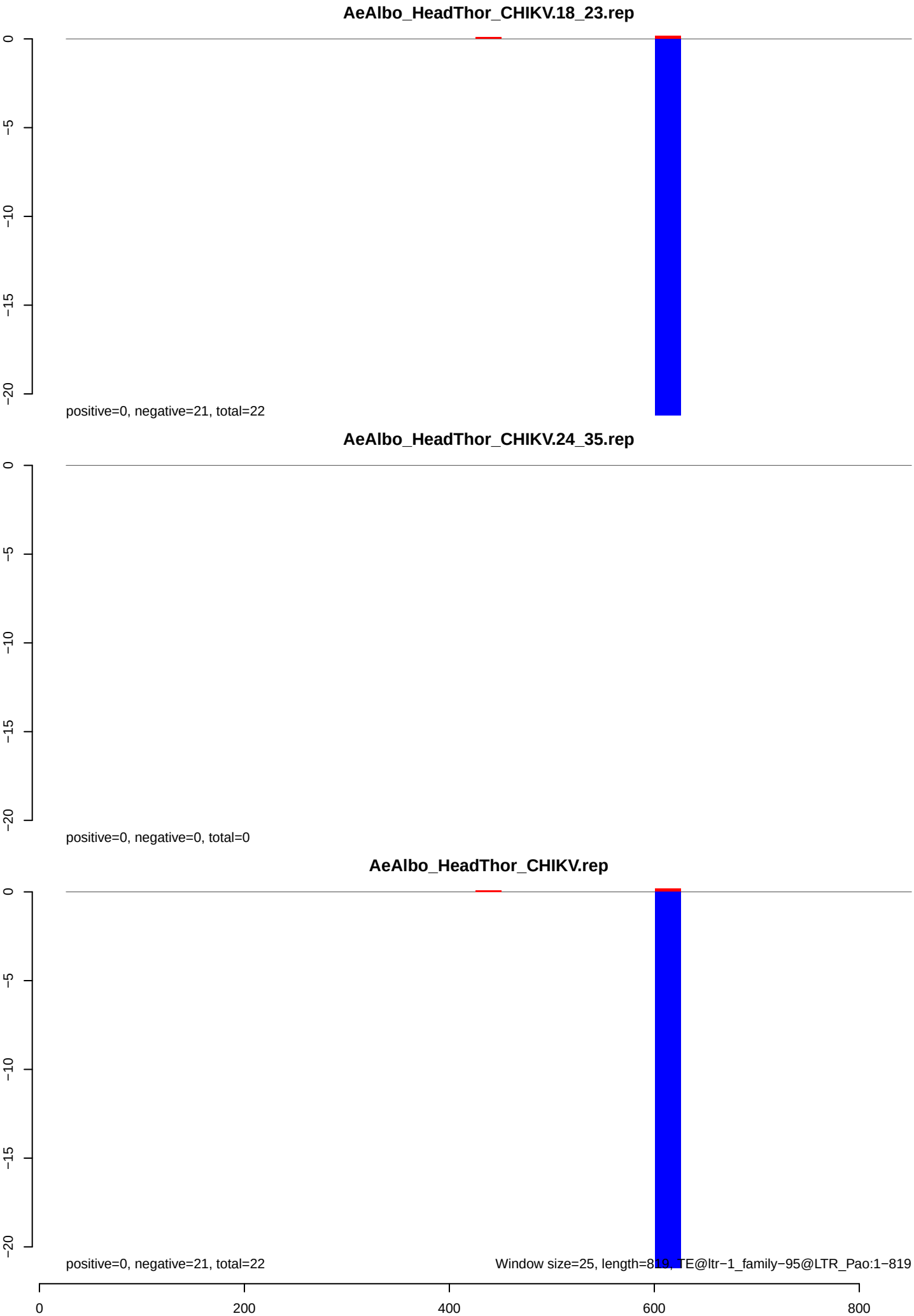

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
Window size=25, length=574, TE@rnd−1_family−1718@Unknown:1−574
100
200
300
400
500
600

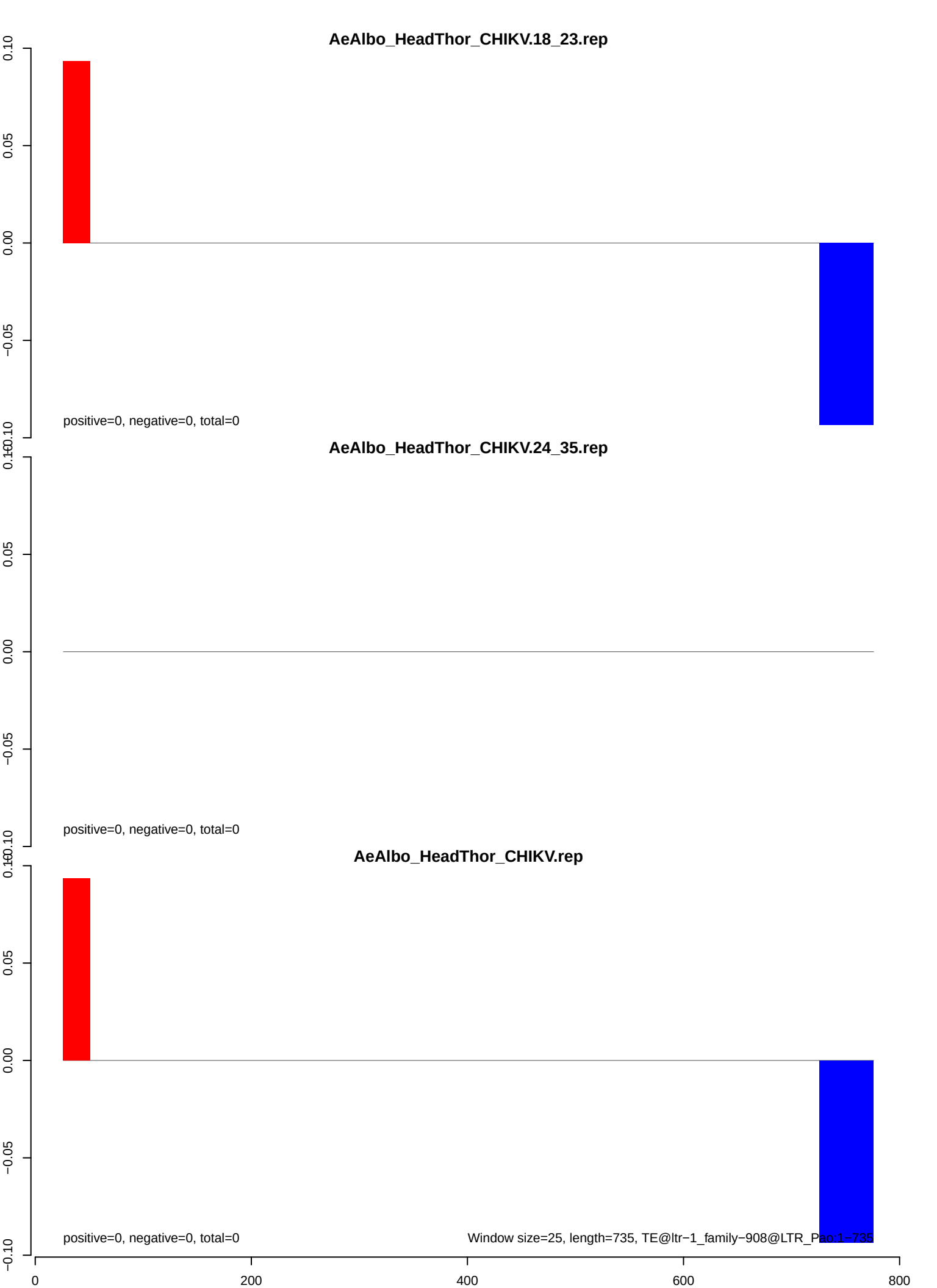

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
positive=0, negative=10, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
positive=0, negative=10, total=10
Window size=25, length=634, TE@rnd−1_family−1647@Unknown:1−634
0
100
200
300
400
500
600
700

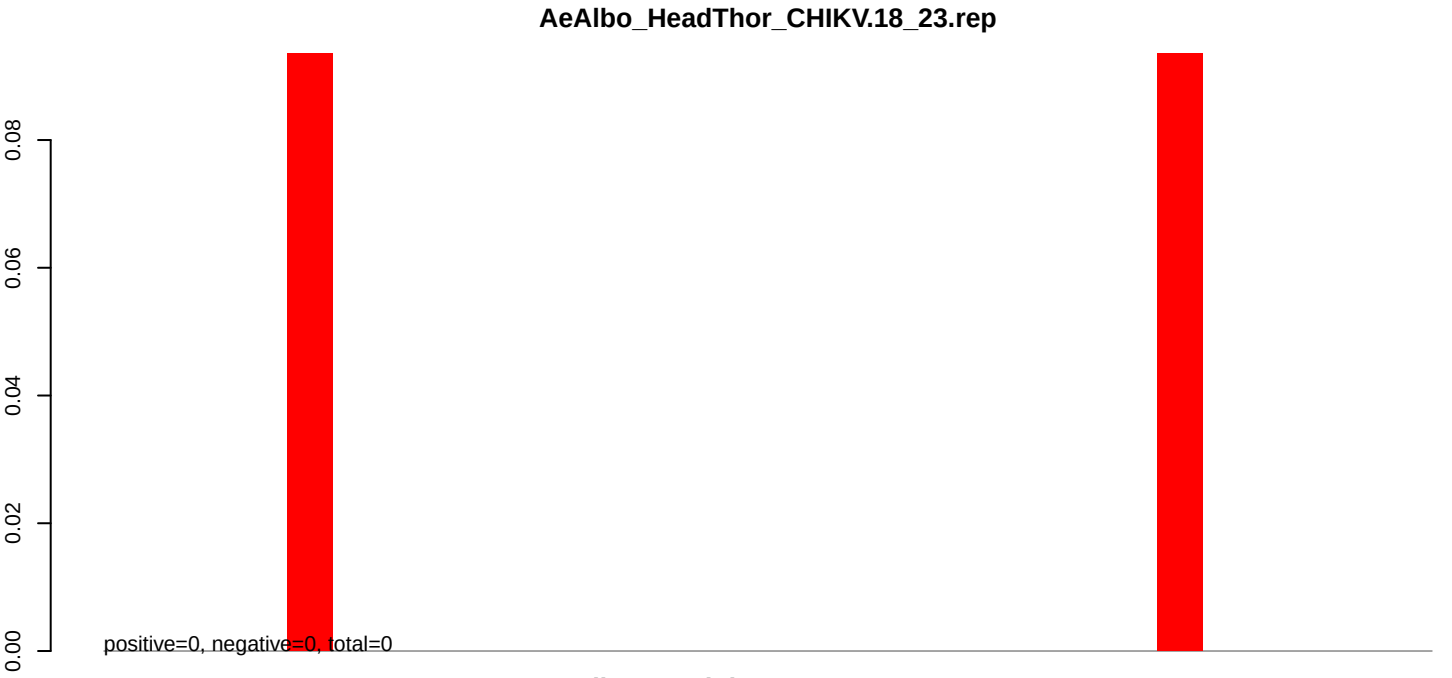

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1429, TE@rnd−1_family−1232@LTR_Gypsy:1−1429
0
500
1000
1500

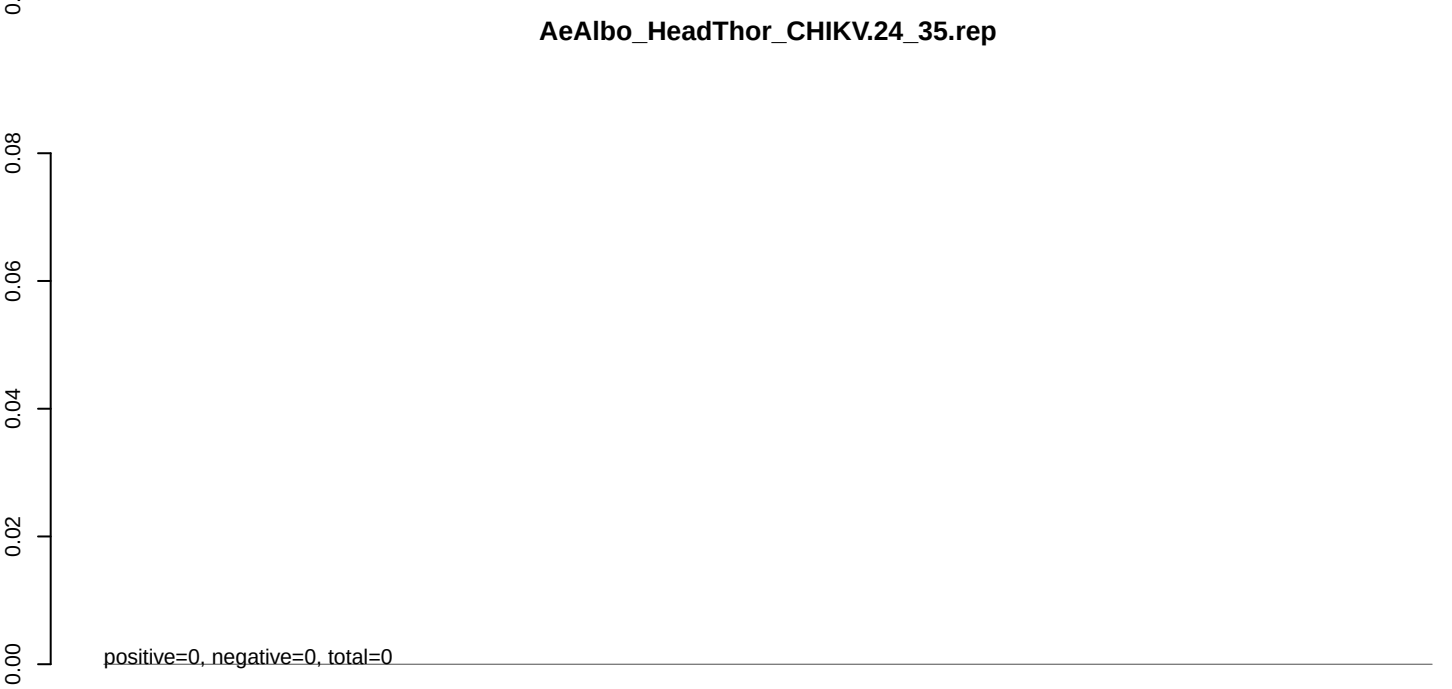

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=514, TE@ltr−1_family−999@DNA_hAT−Charlie:1−514
100
200
300
400
500

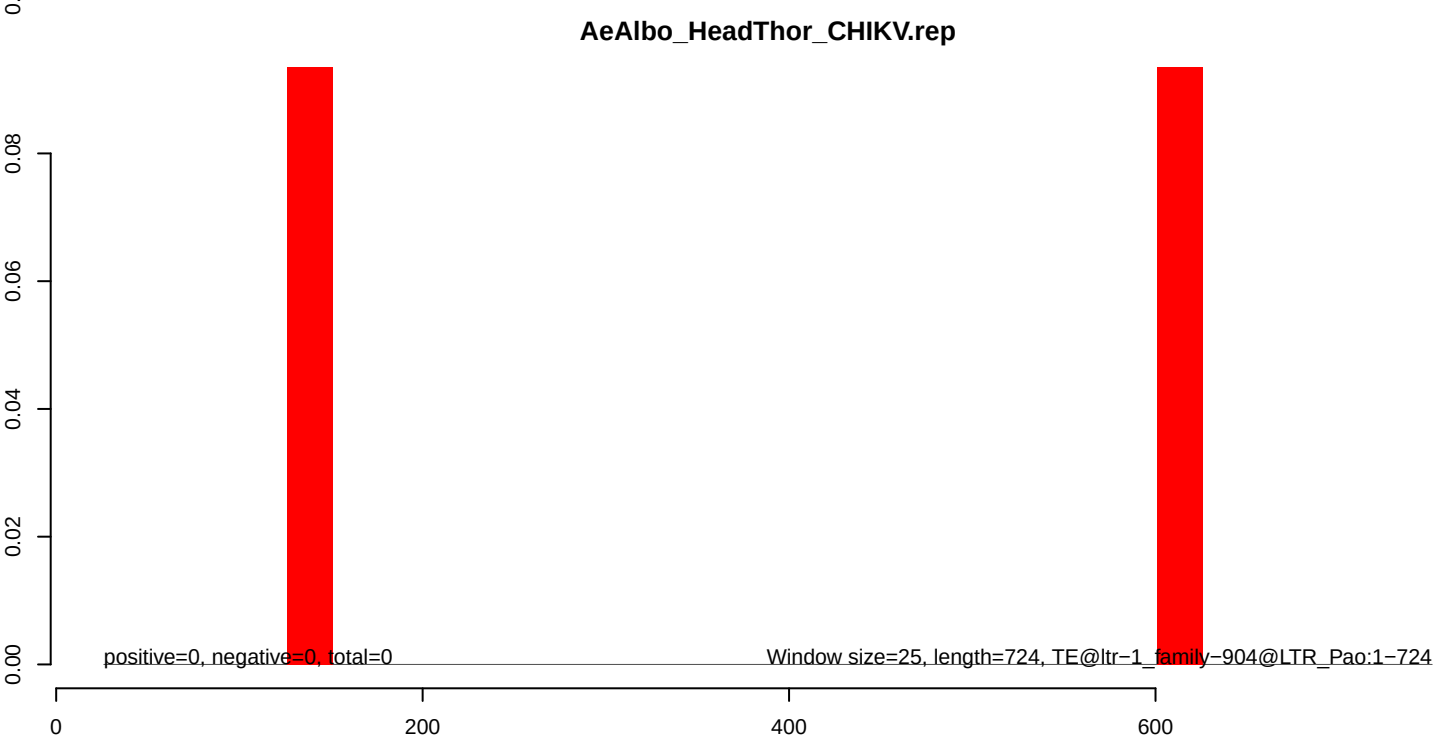

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=650, TE@ltr−1_family−985@Unknown:1−650
0
100
200
300
400
500
600
700

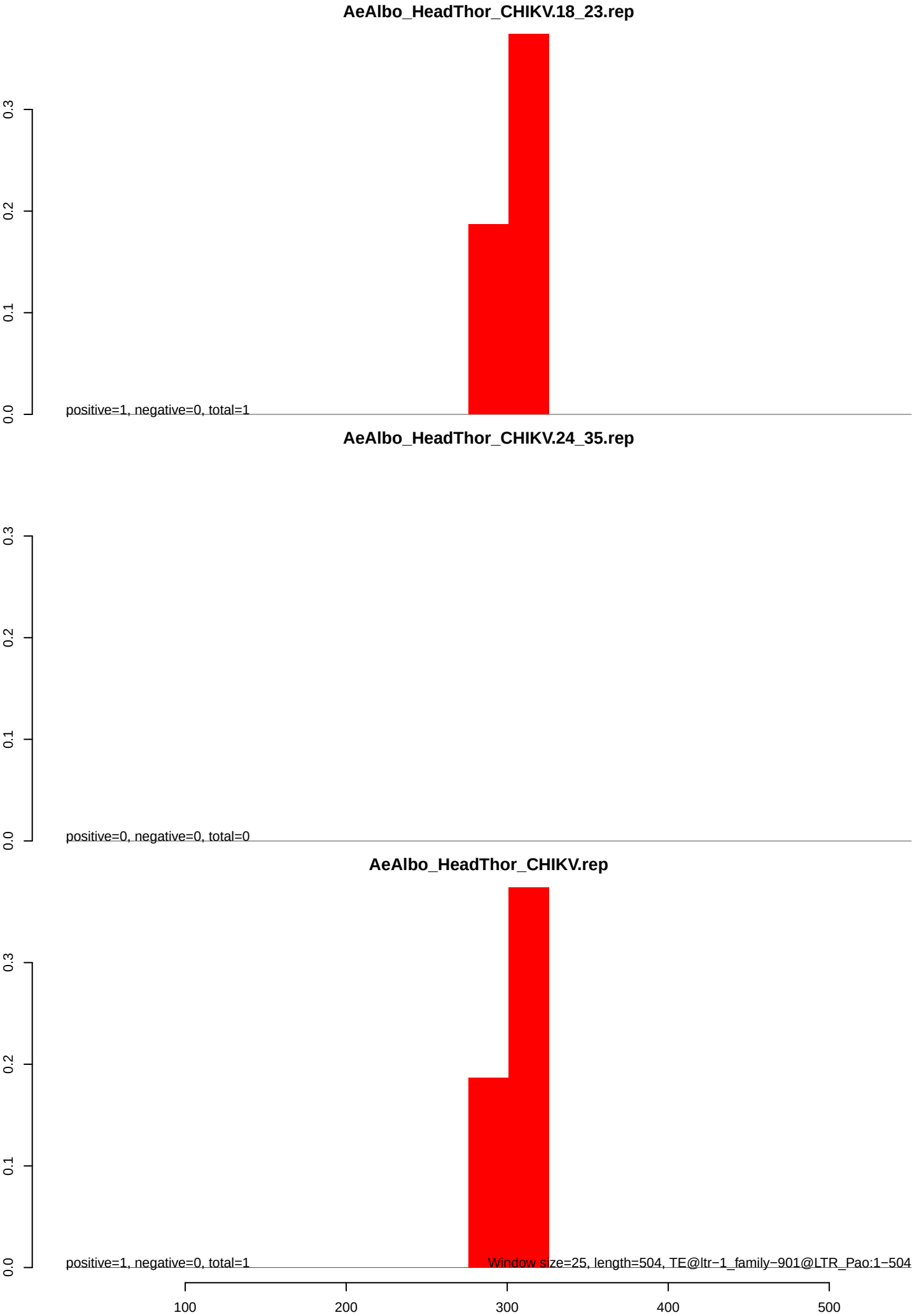

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=0, negative=21, total=22
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=0, negative=21, total=22
Window size=25, length=819, TE@ltr−1_family−95@LTR_Pao:1−819
0
200
400
600
800

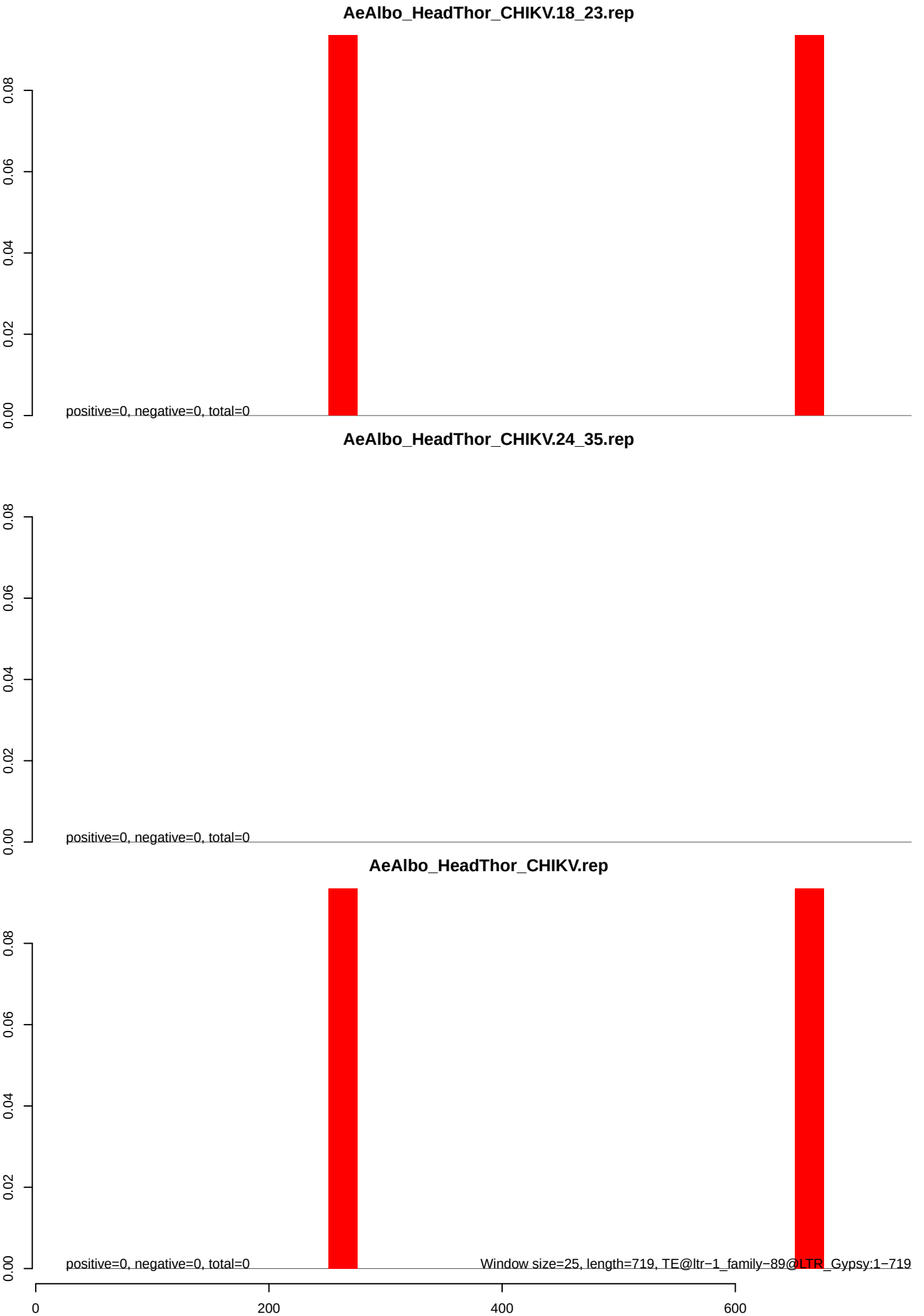

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=735, TE@ltr−1_family−908@LTR_Pao:1−735
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800

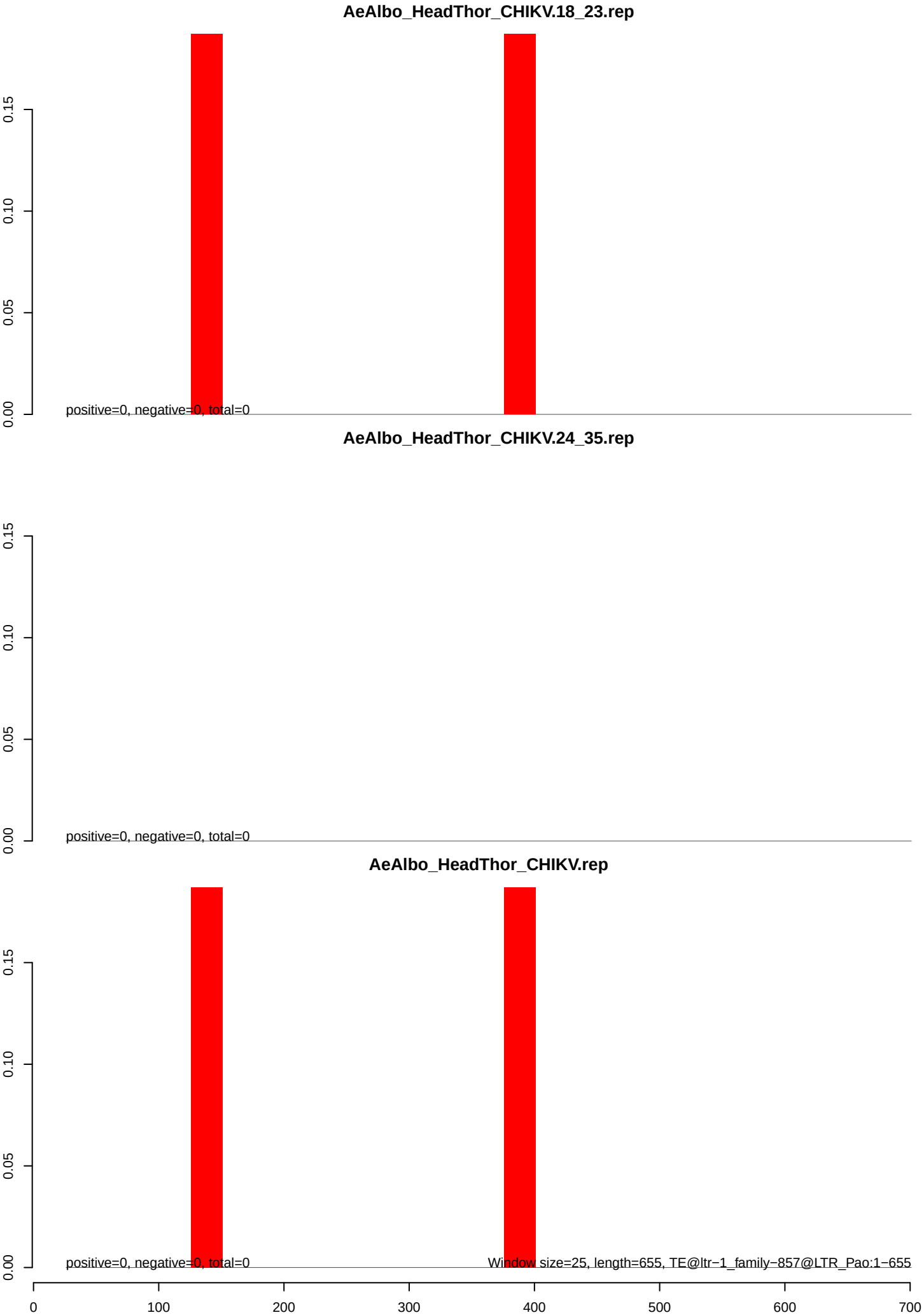

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

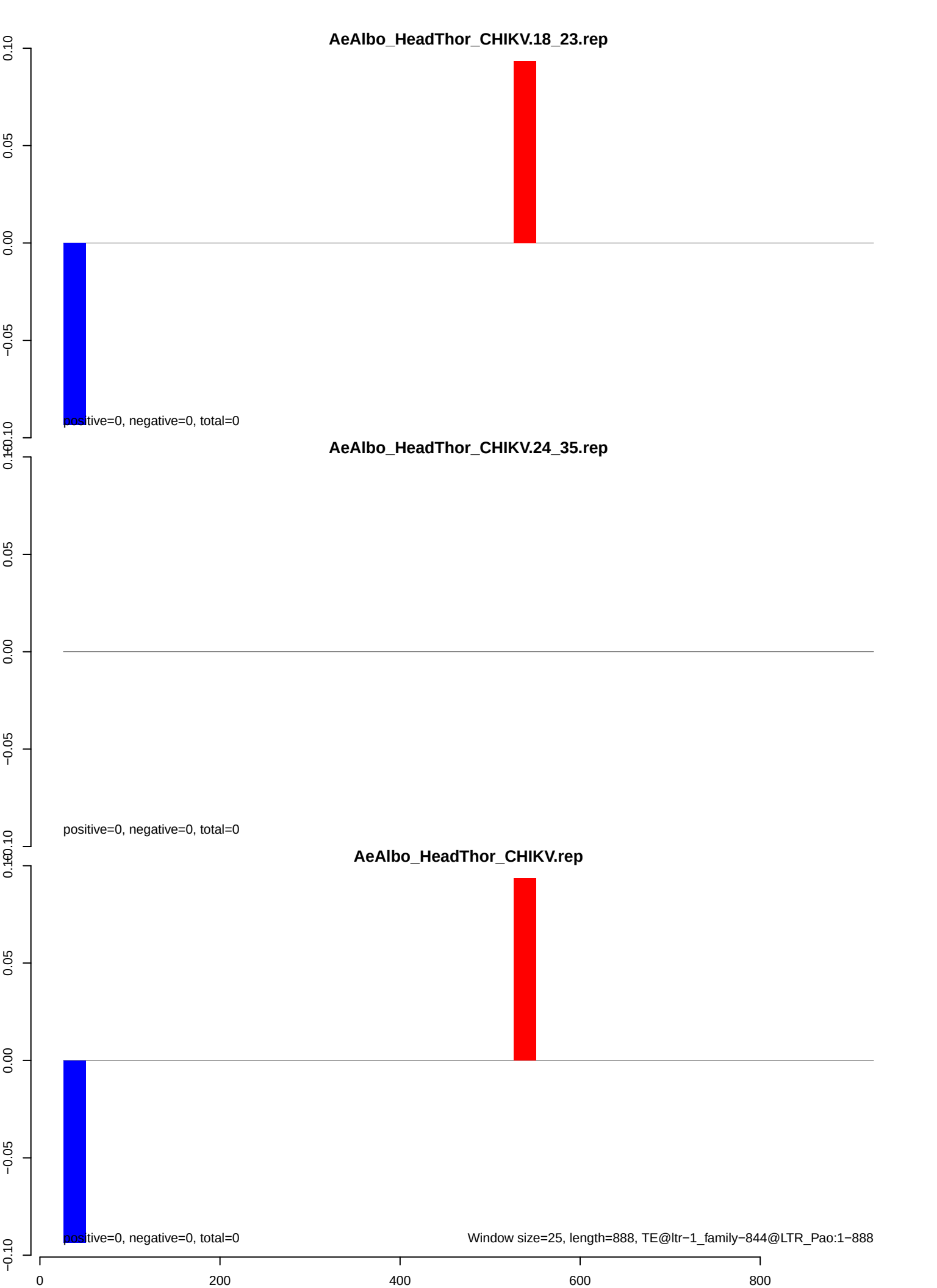

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

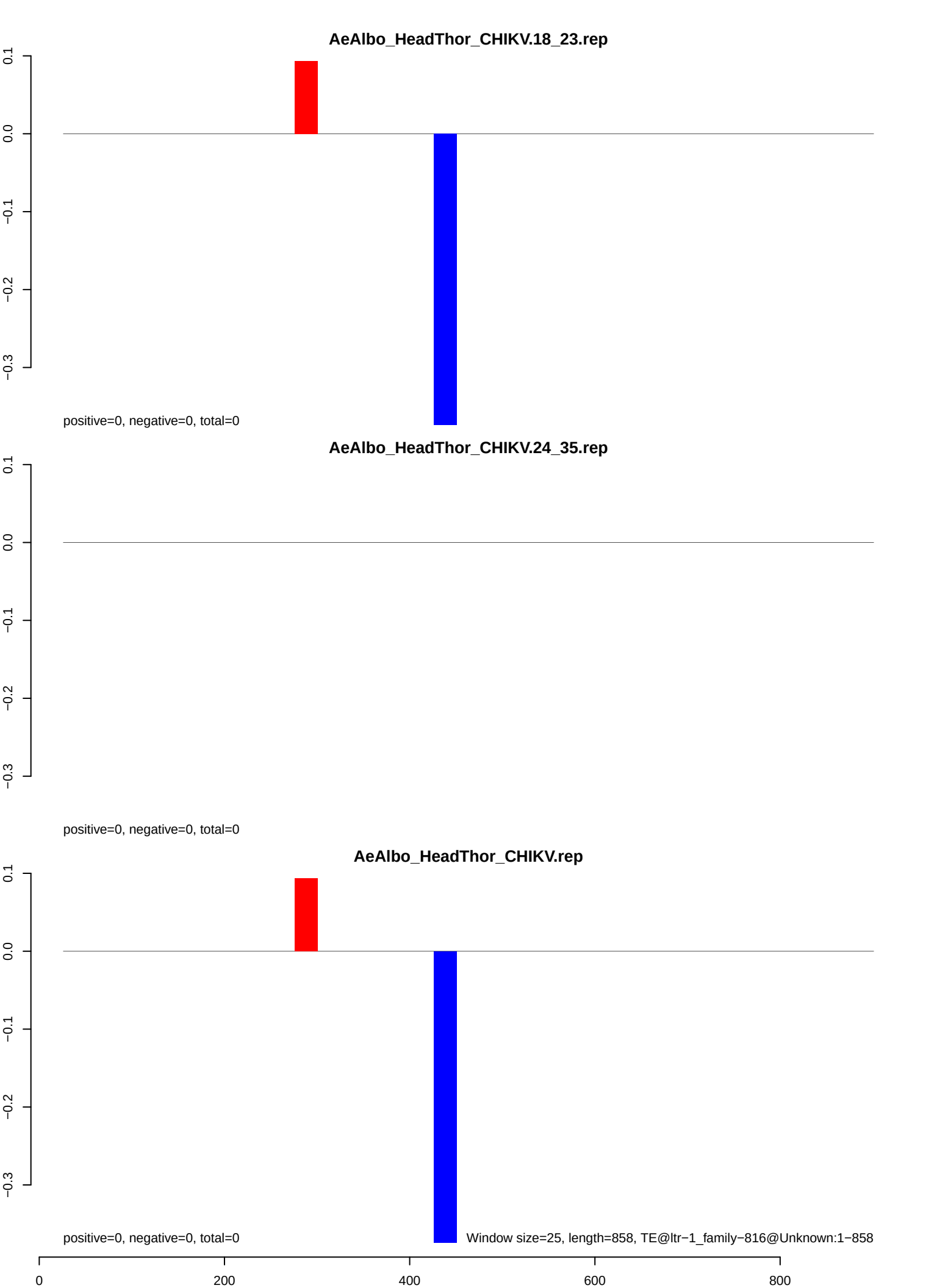

AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=724, TE@ltr−1_family−904@LTR_Pao:1−724
0
200
400
600

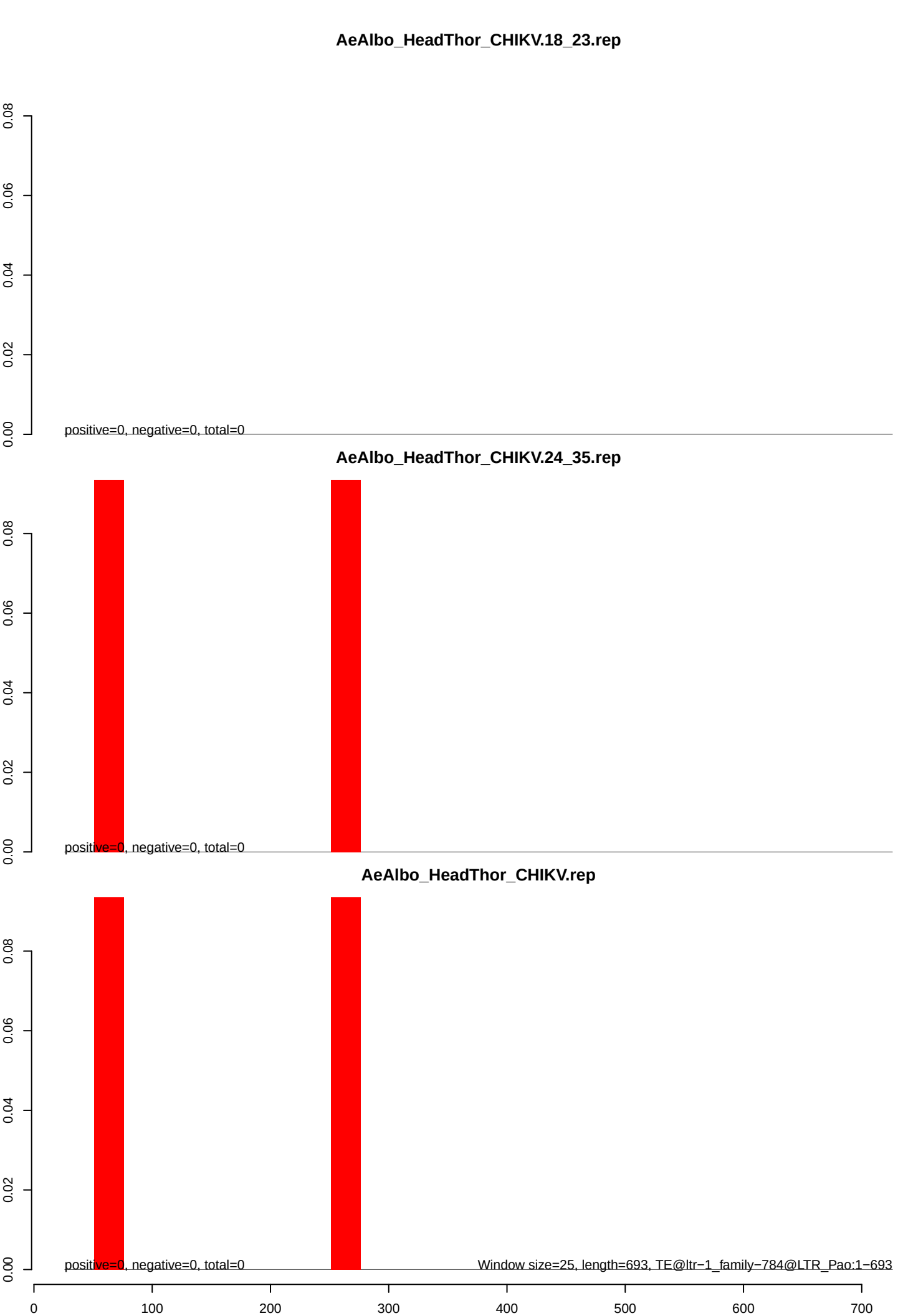

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
positive=1, negative=0, total=1
Window size=25, length=504, TE@ltr−1_family−901@LTR_Pao:1−504
100
200
300
400
500

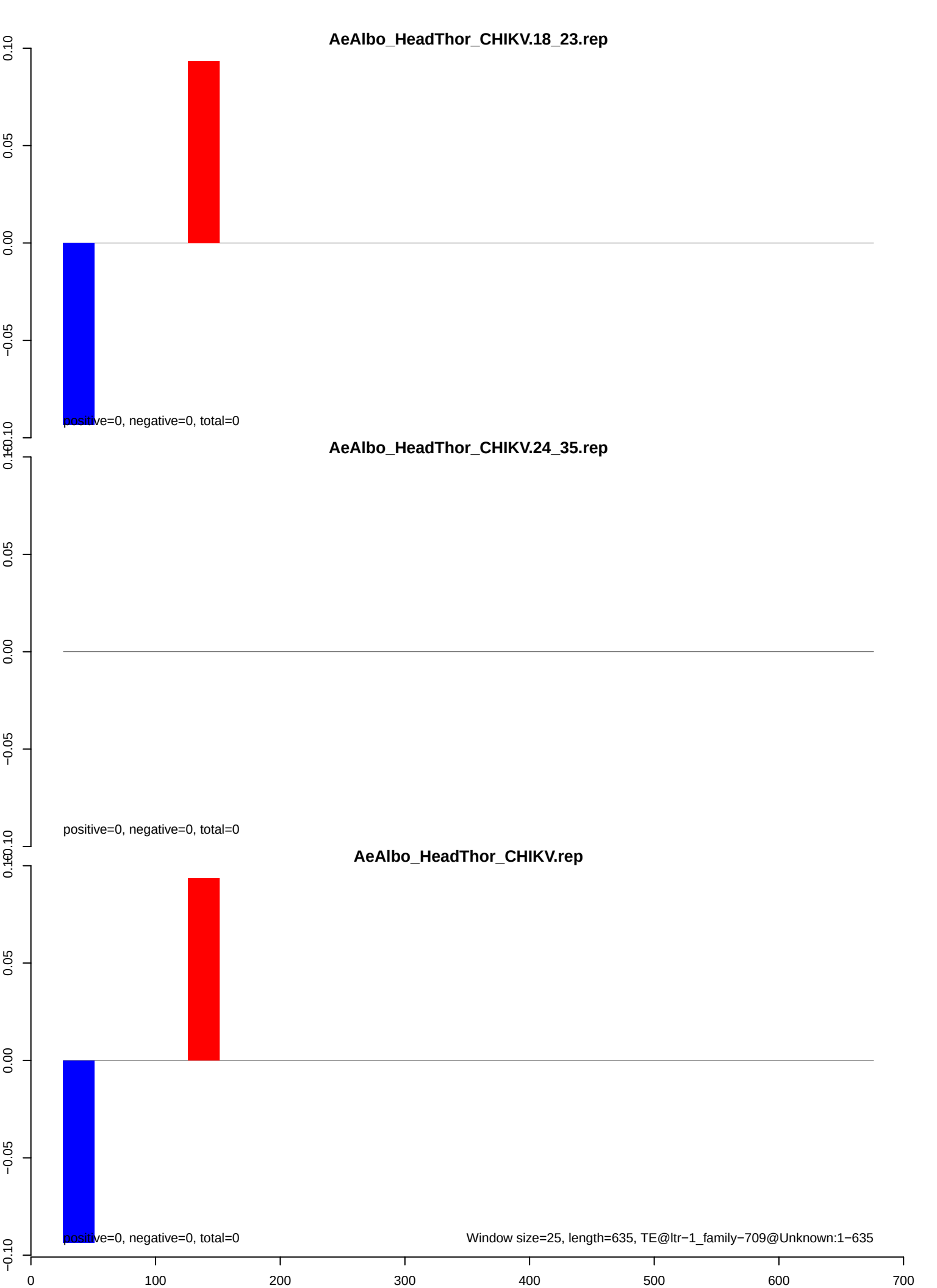

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=719, TE@ltr−1_family−89@LTR_Gypsy:1−719
0
200
400
600

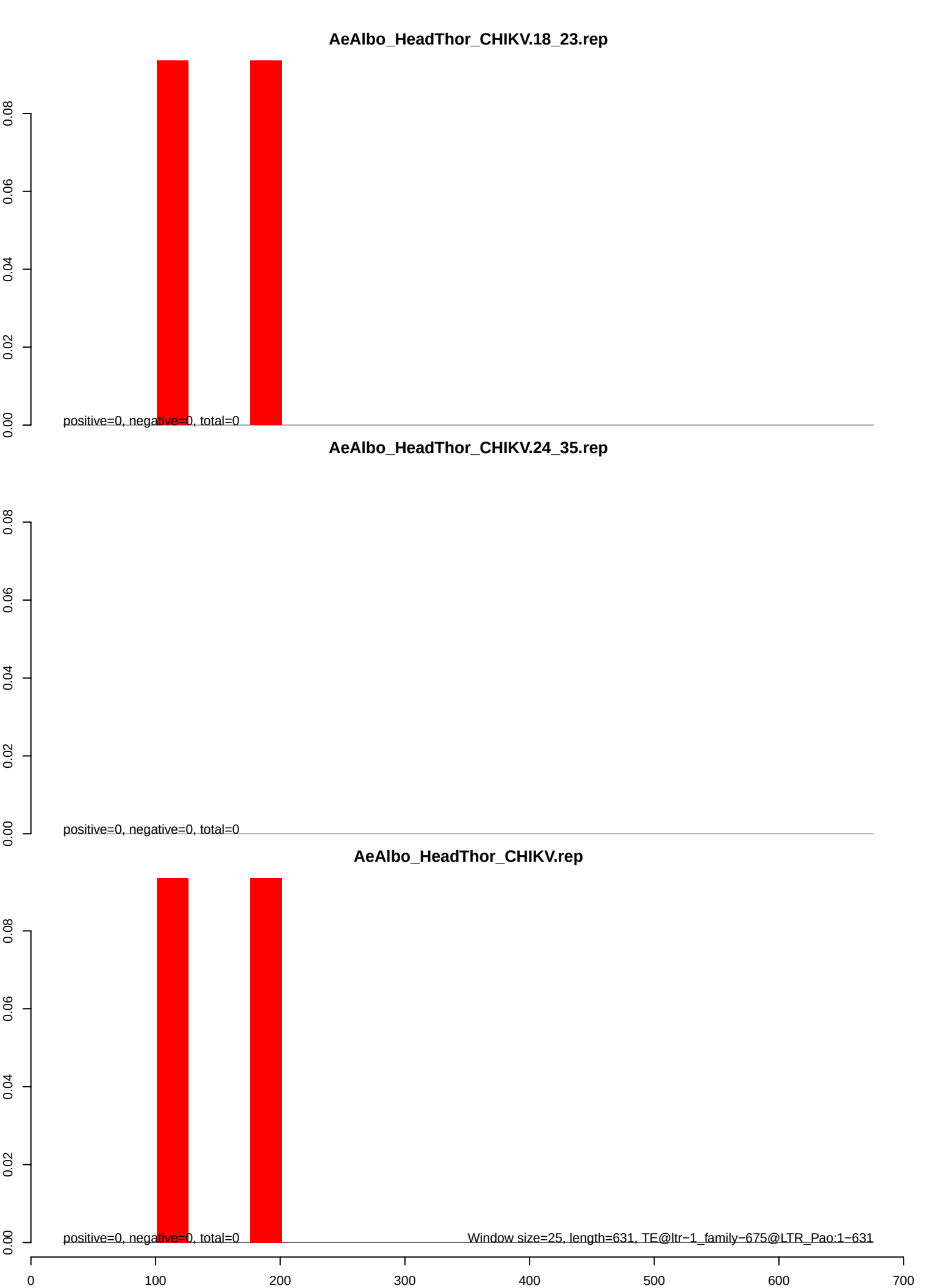

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=655, TE@ltr−1_family−857@LTR_Pao:1−655
0
100
200
300
400
500
600
700

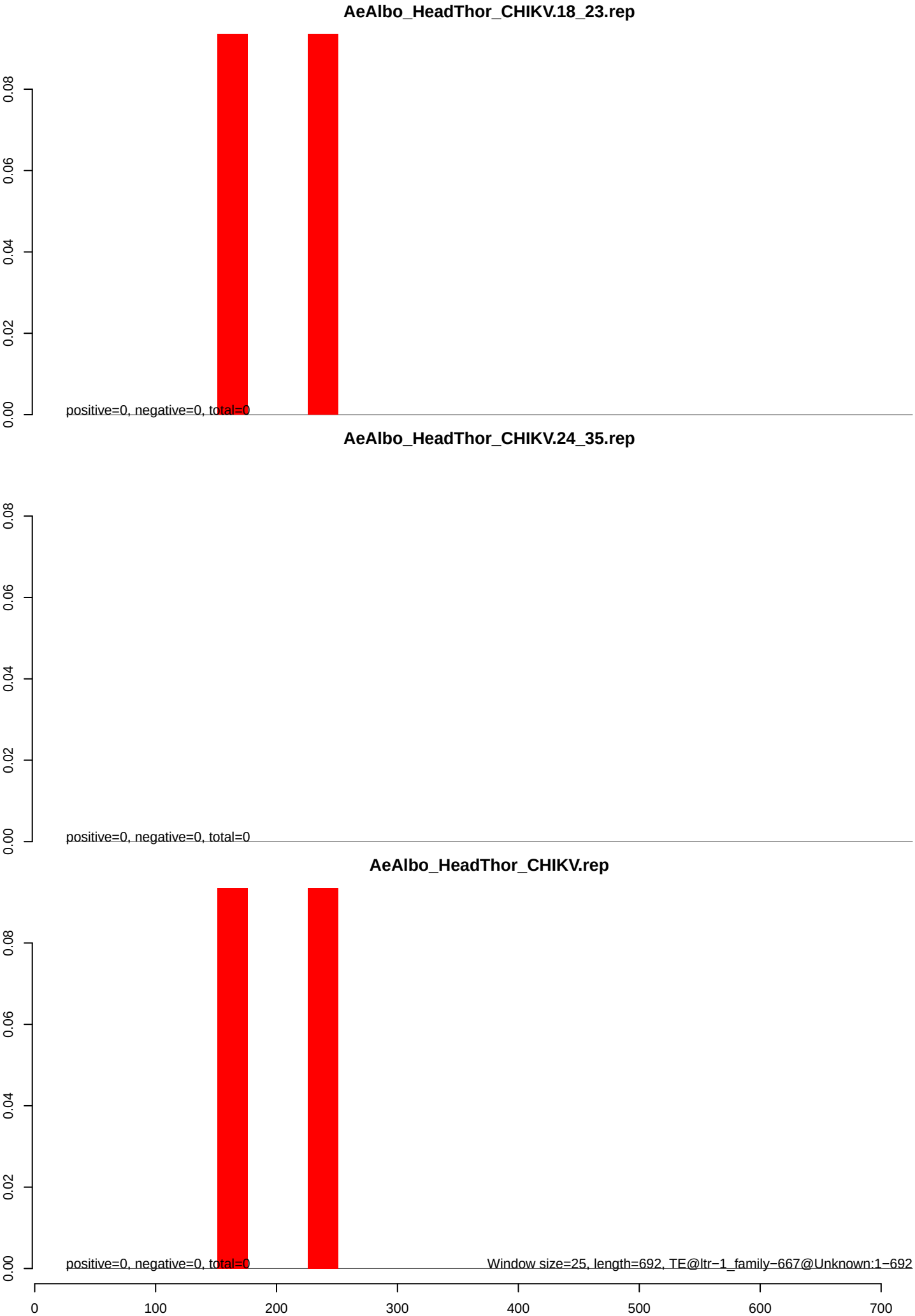

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=888, TE@ltr−1_family−844@LTR_Pao:1−888
0
200
400
600
800

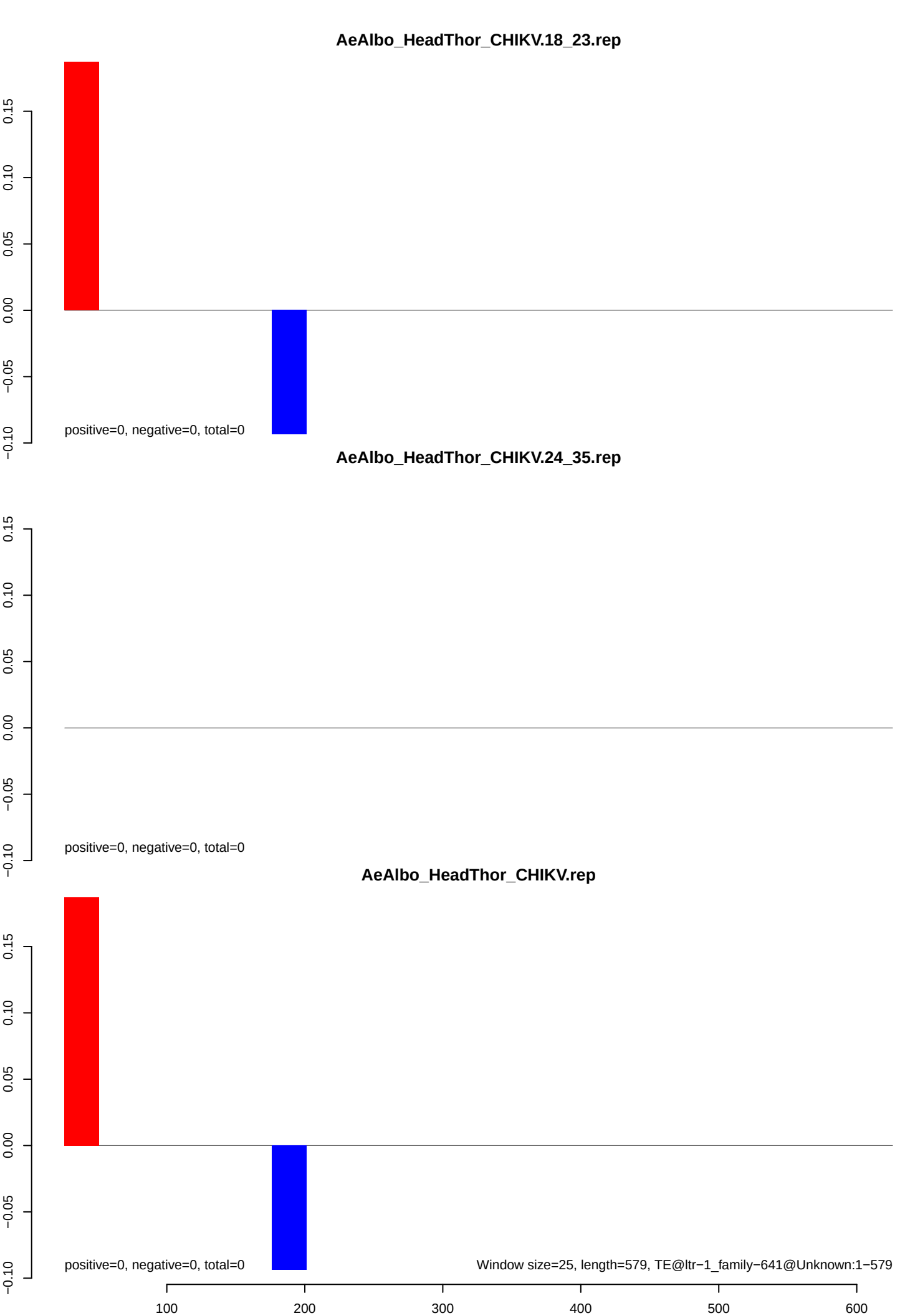

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
Window size=25, length=858, TE@ltr−1_family−816@Unknown:1−858
0
200
400
600
800

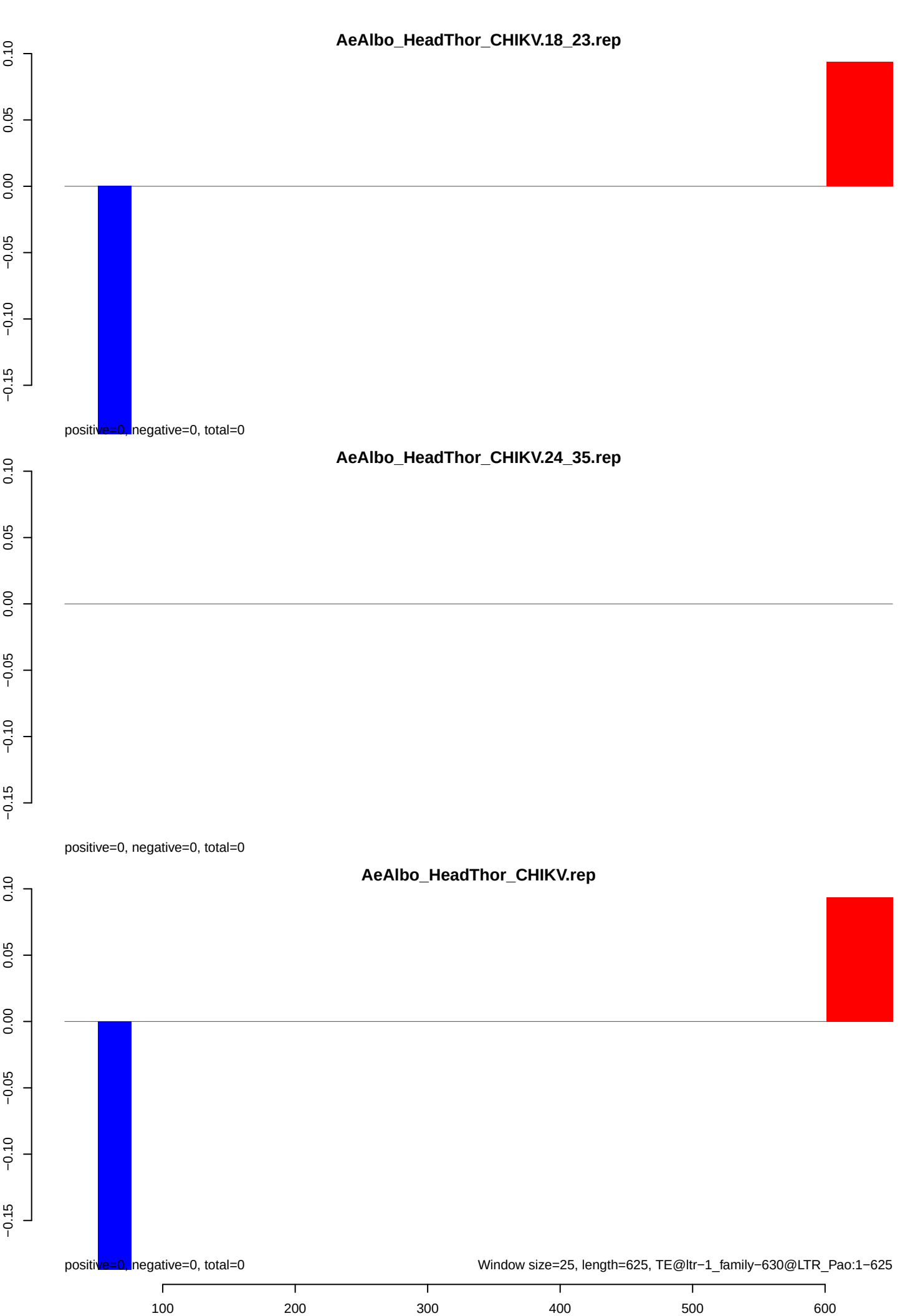

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=693, TE@ltr−1_family−784@LTR_Pao:1−693
0
100
200
300
400
500
600
700

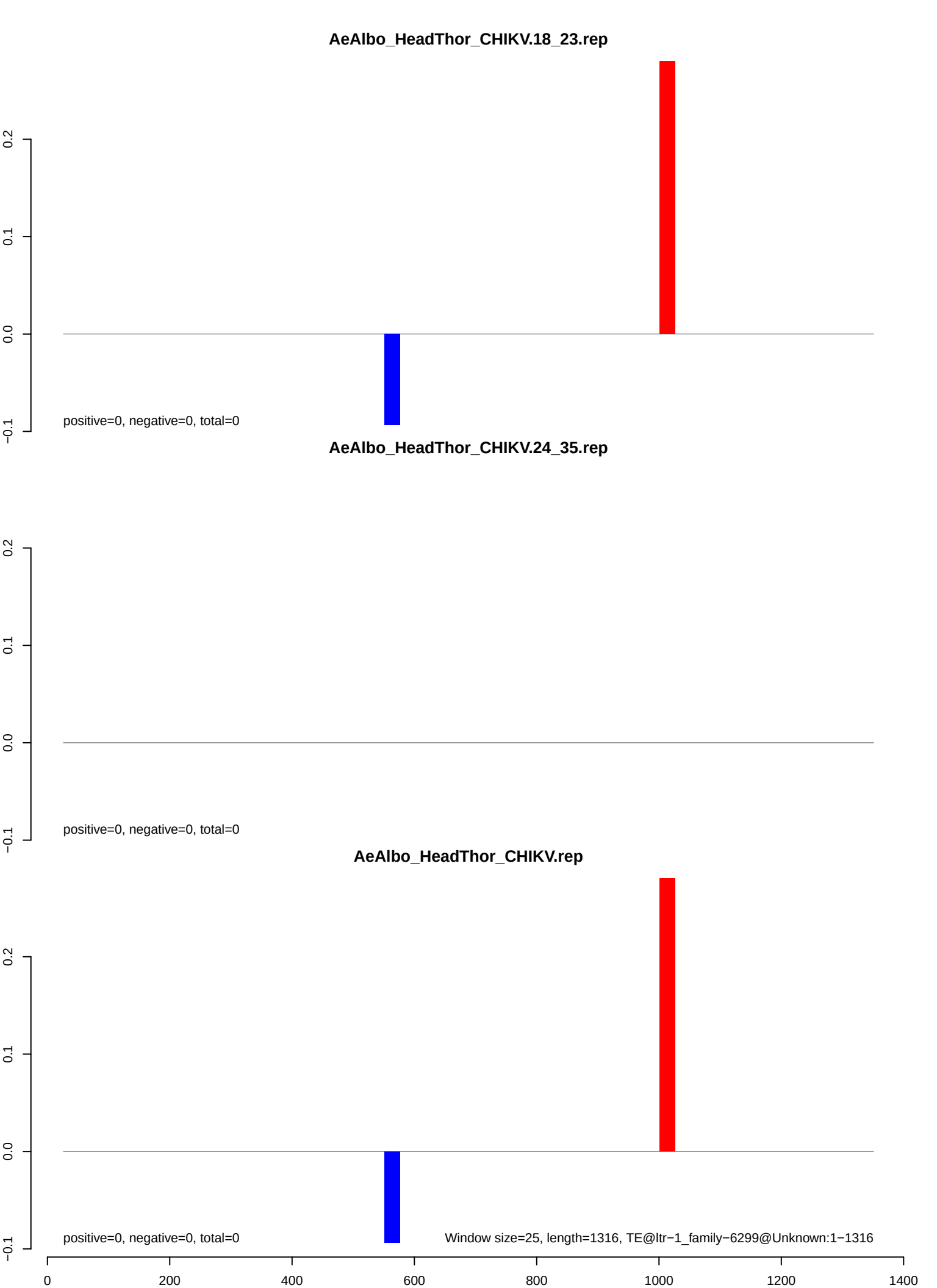

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=635, TE@ltr−1_family−709@Unknown:1−635
0
100
200
300
400
500
600
700

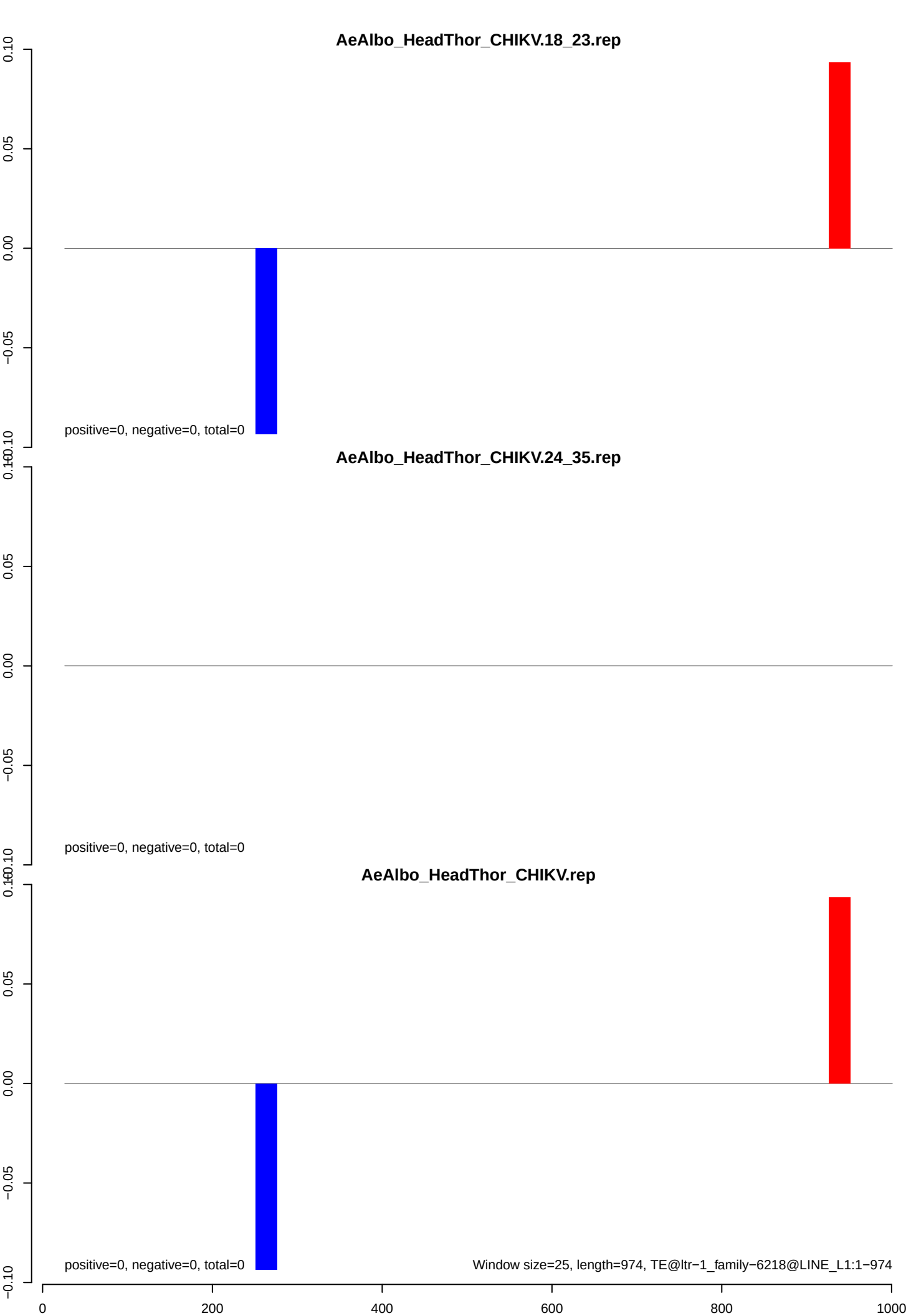

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=631, TE@ltr−1_family−675@LTR_Pao:1−631
0
100
200
300
400
500
600
700

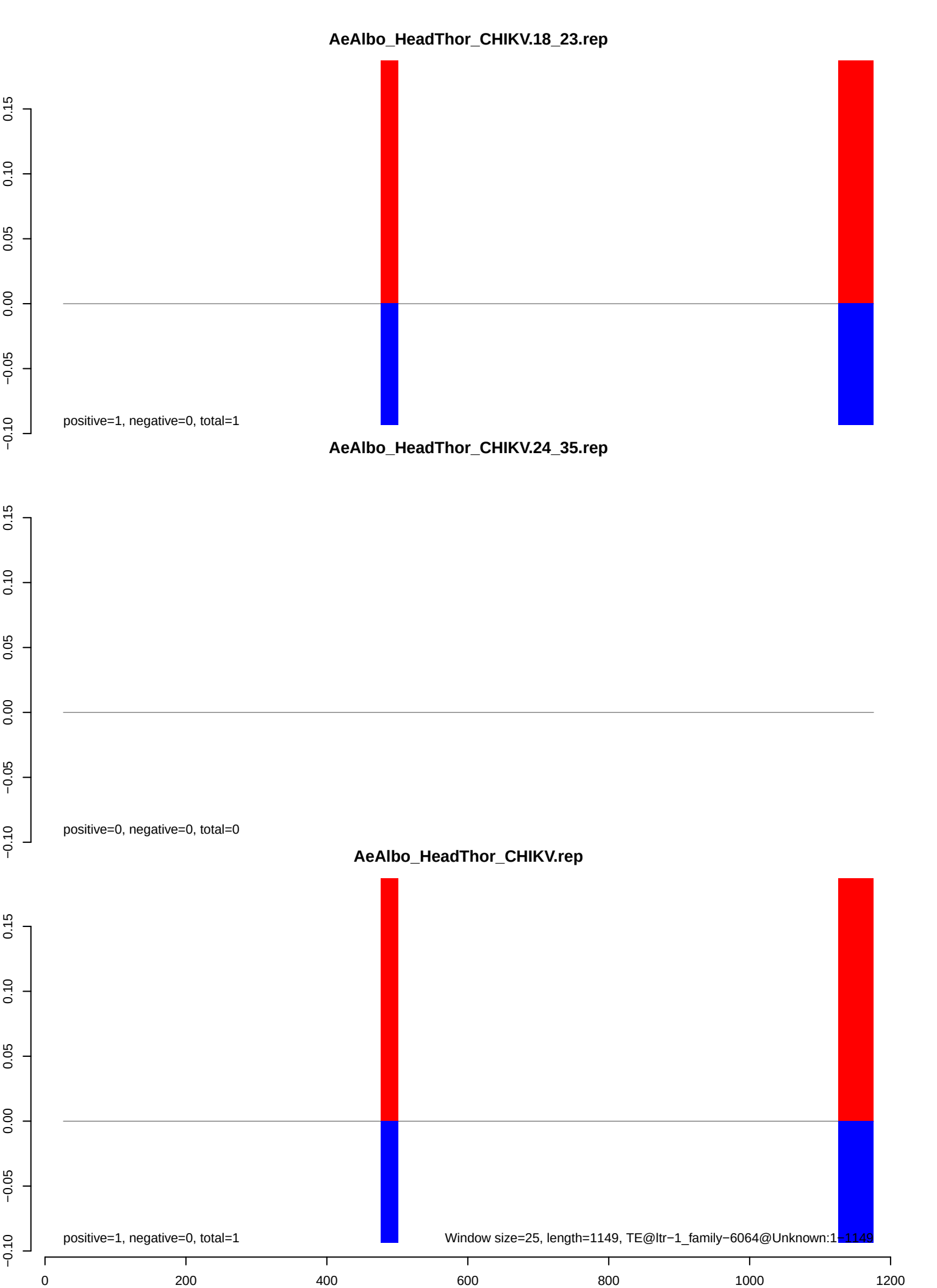

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=692, TE@ltr−1_family−667@Unknown:1−692
0
100
200
300
400
500
600
700

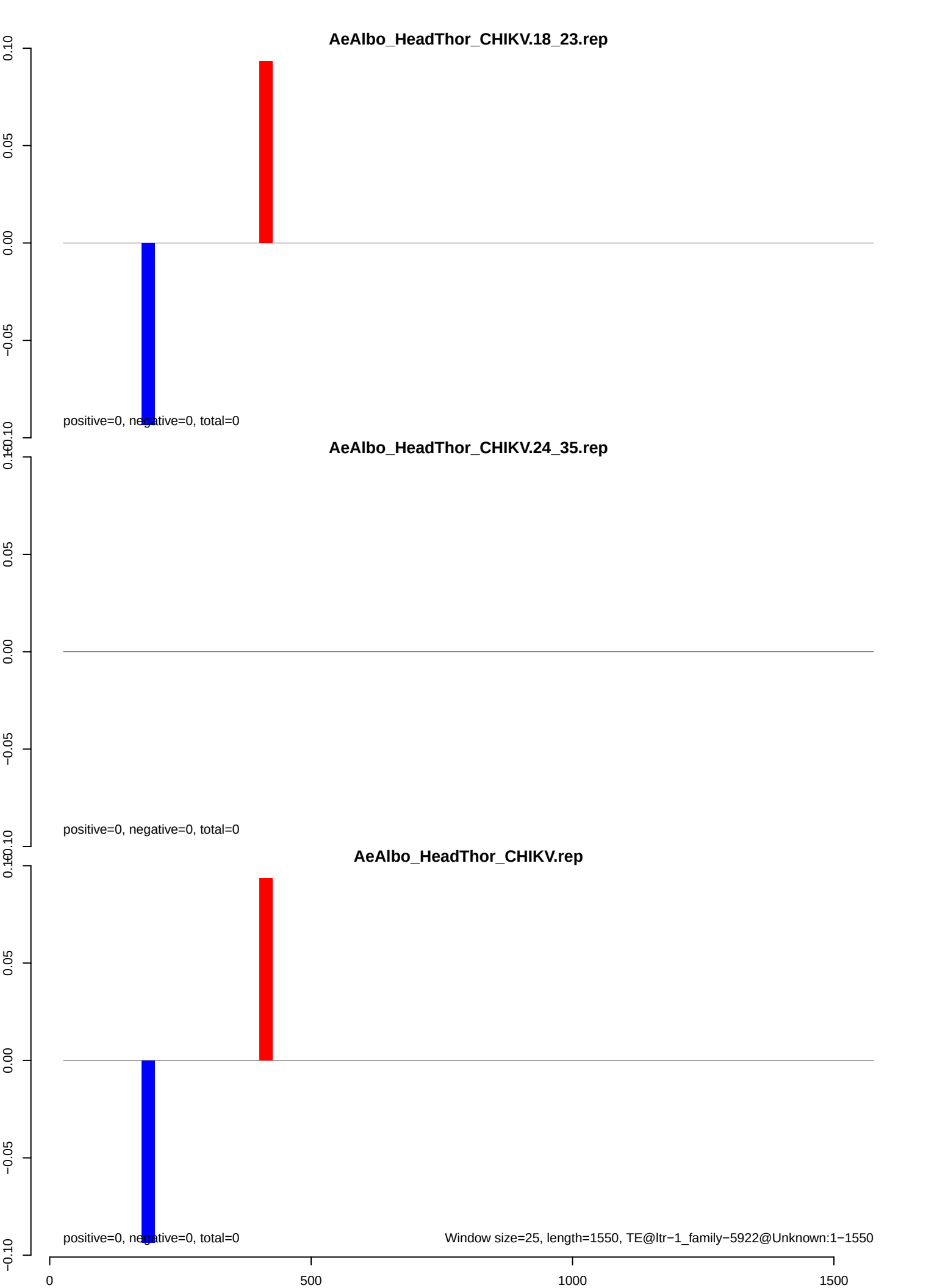

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=579, TE@ltr−1_family−641@Unknown:1−579
100
200
300
400
500
600

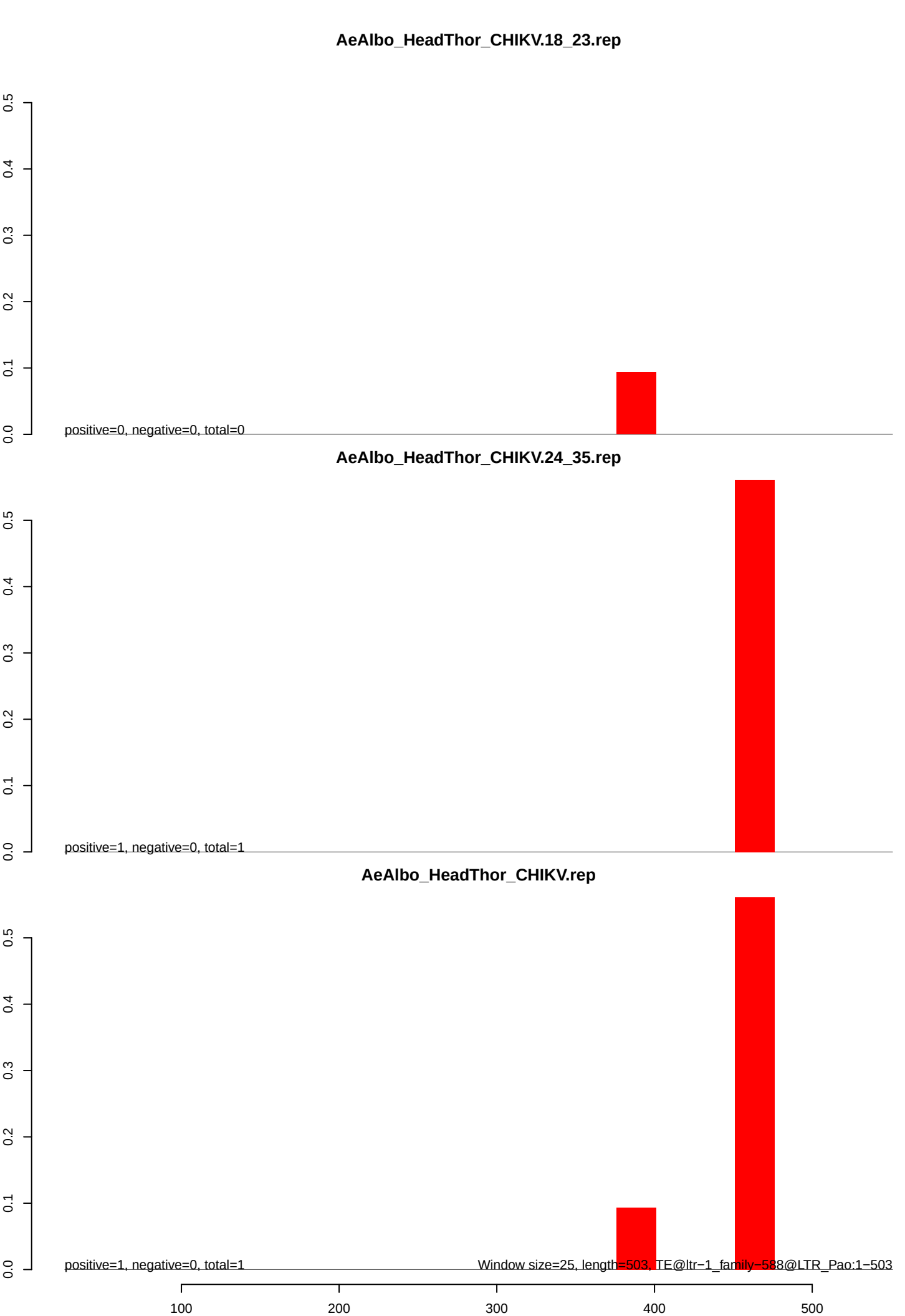

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=625, TE@ltr−1_family−630@LTR_Pao:1−625
100
200
300
400
500
600

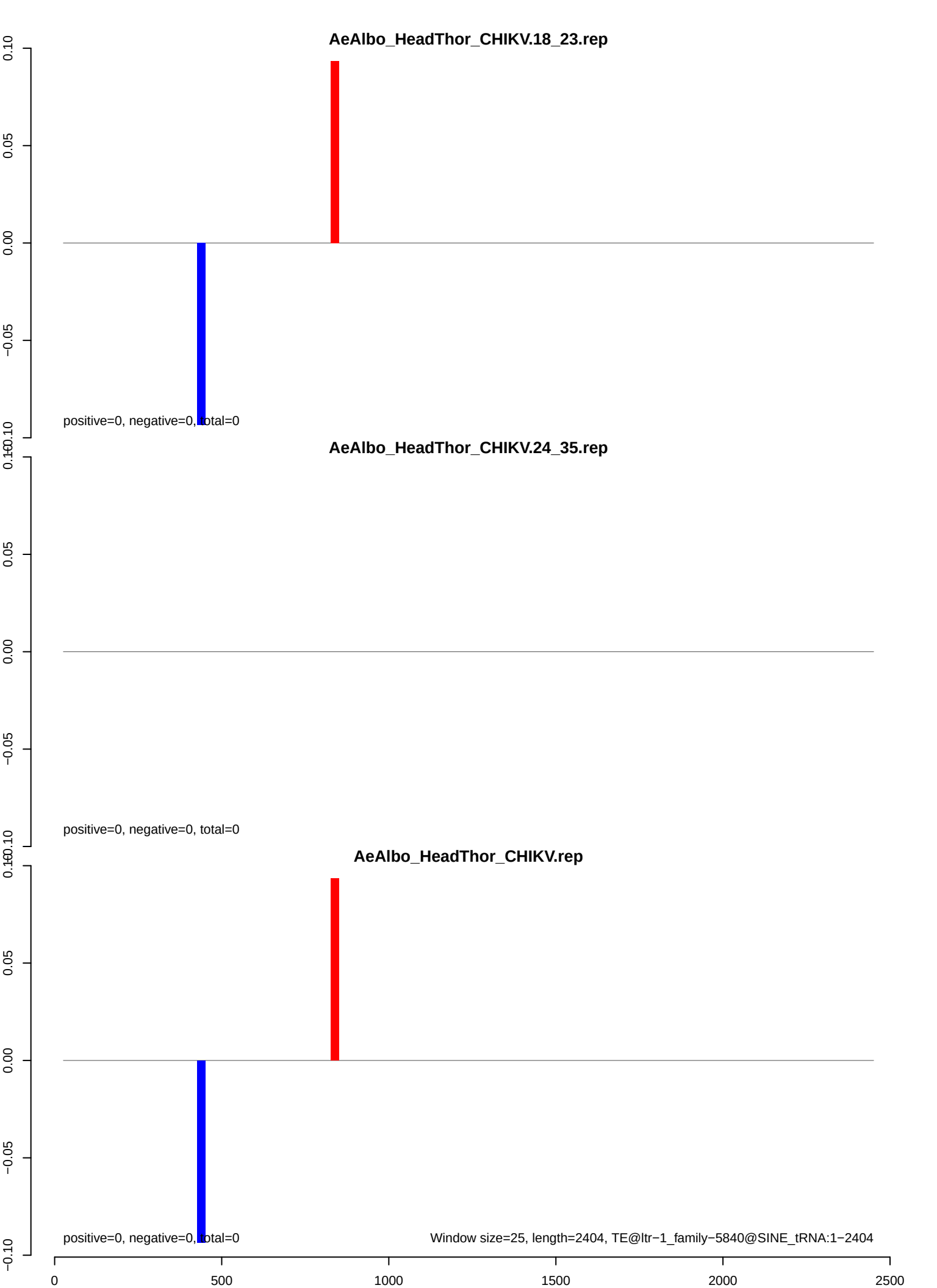

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
Window size=25, length=1316, TE@ltr−1_family−6299@Unknown:1−1316
0
200
400
600
800
1000
1200
1400

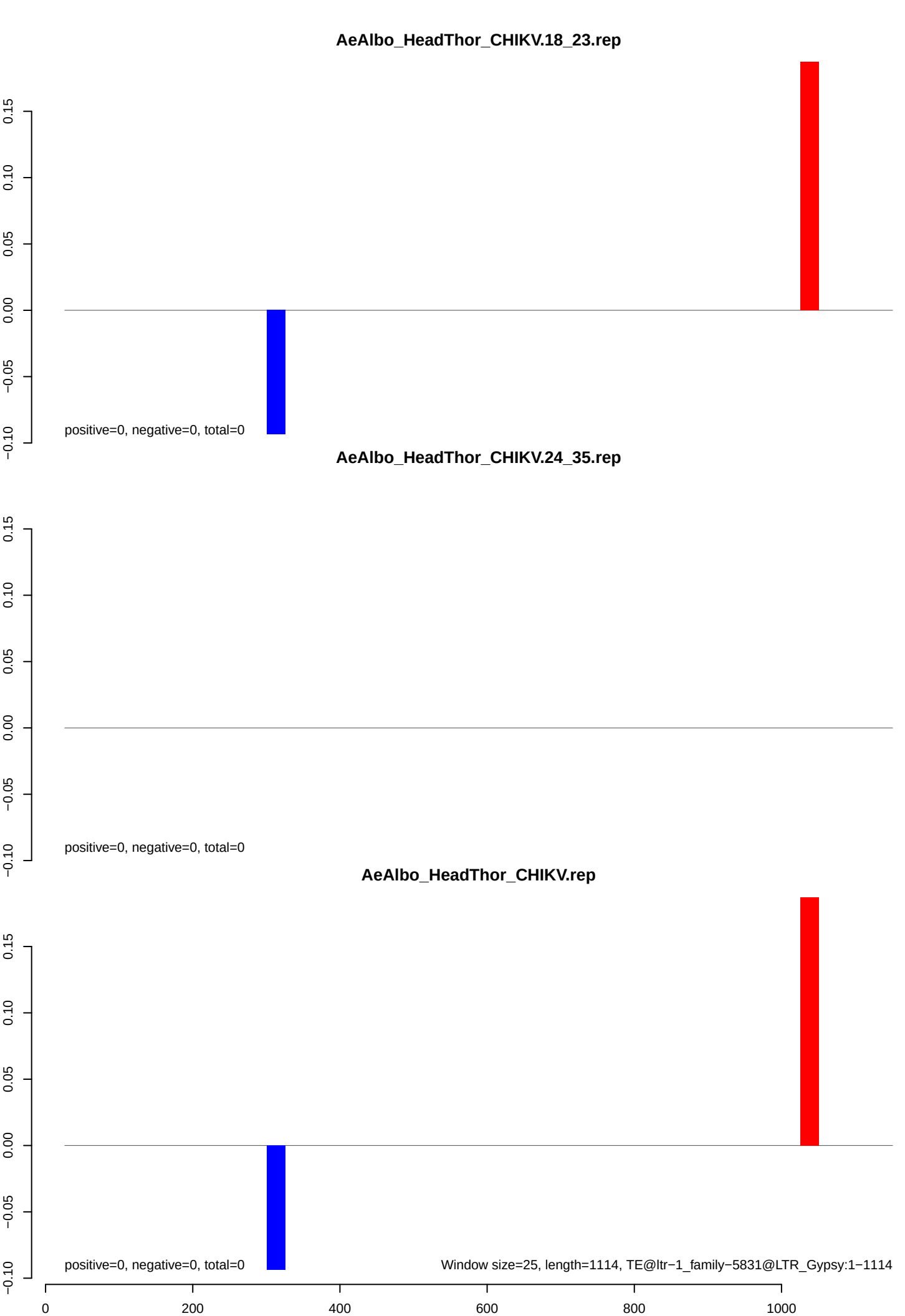

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=974, TE@ltr−1_family−6218@LINE_L1:1−974
0.10
0.05
0.00
−0.05
−0.10
0
200
400
600
800
1000

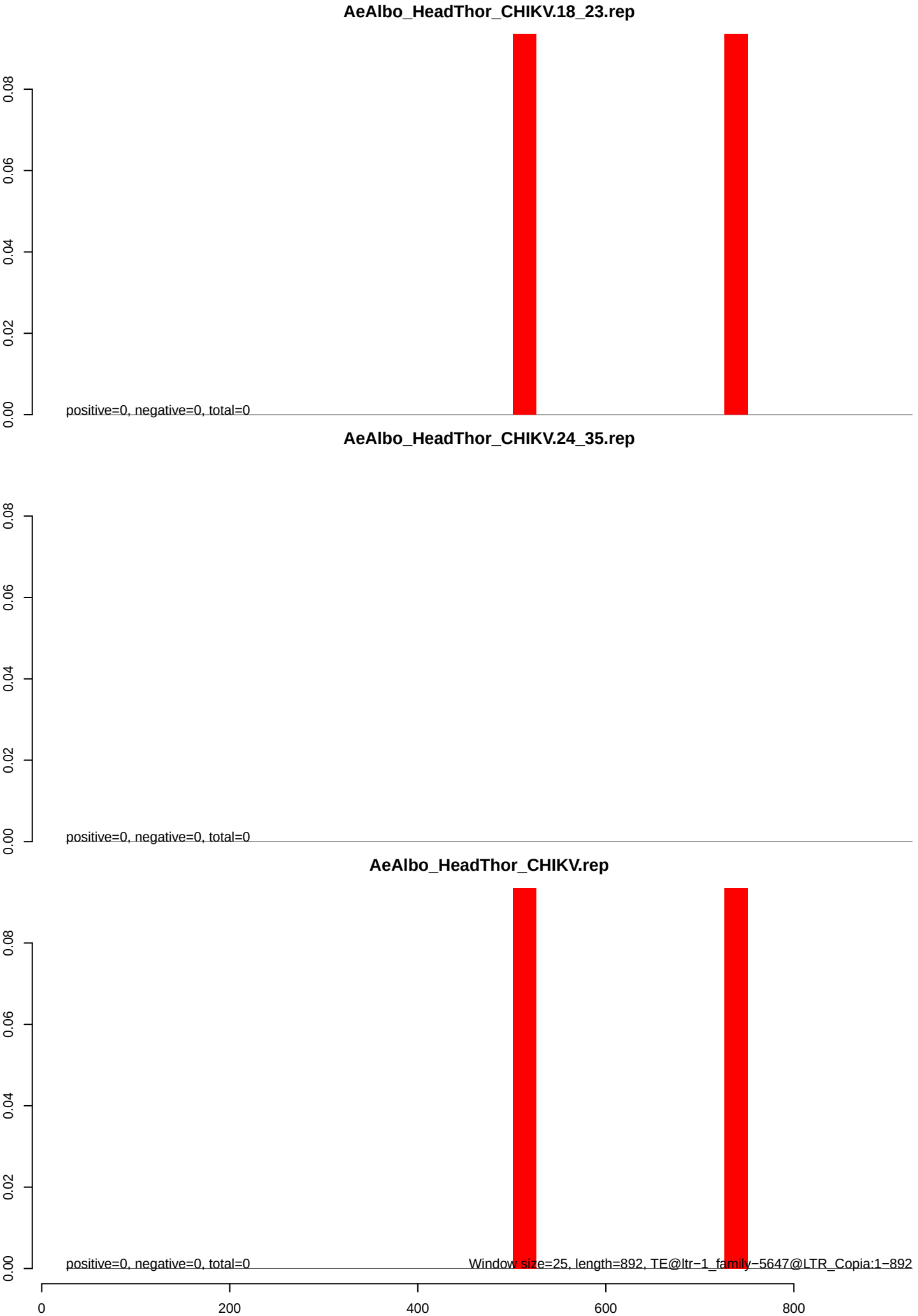

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=1, negative=0, total=1
Window size=25, length=1149, TE@ltr−1_family−6064@Unknown:1−1149
0
200
400
600
800
1000
1200

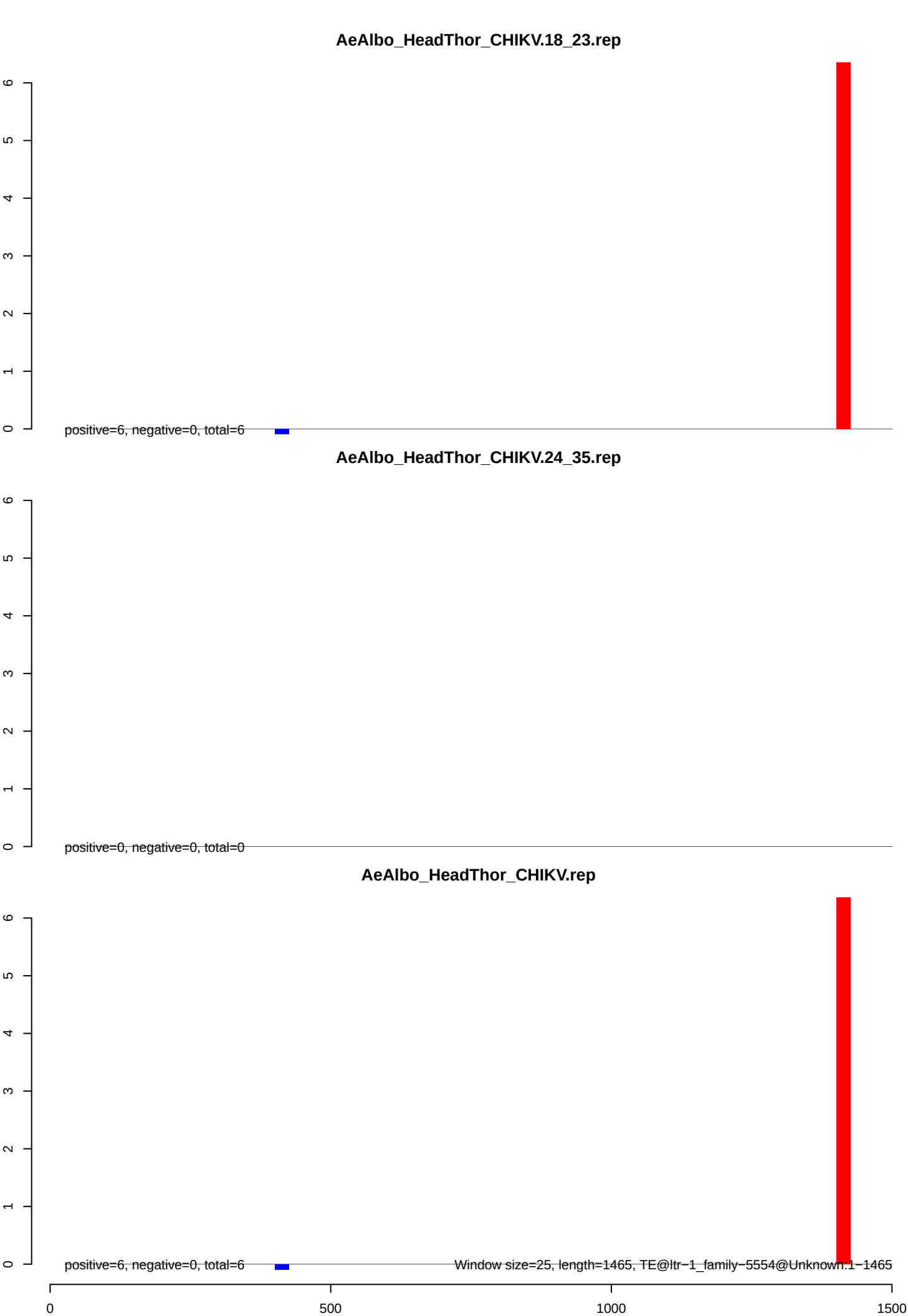

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1550, TE@ltr−1_family−5922@Unknown:1−1550
0
500
1000
1500

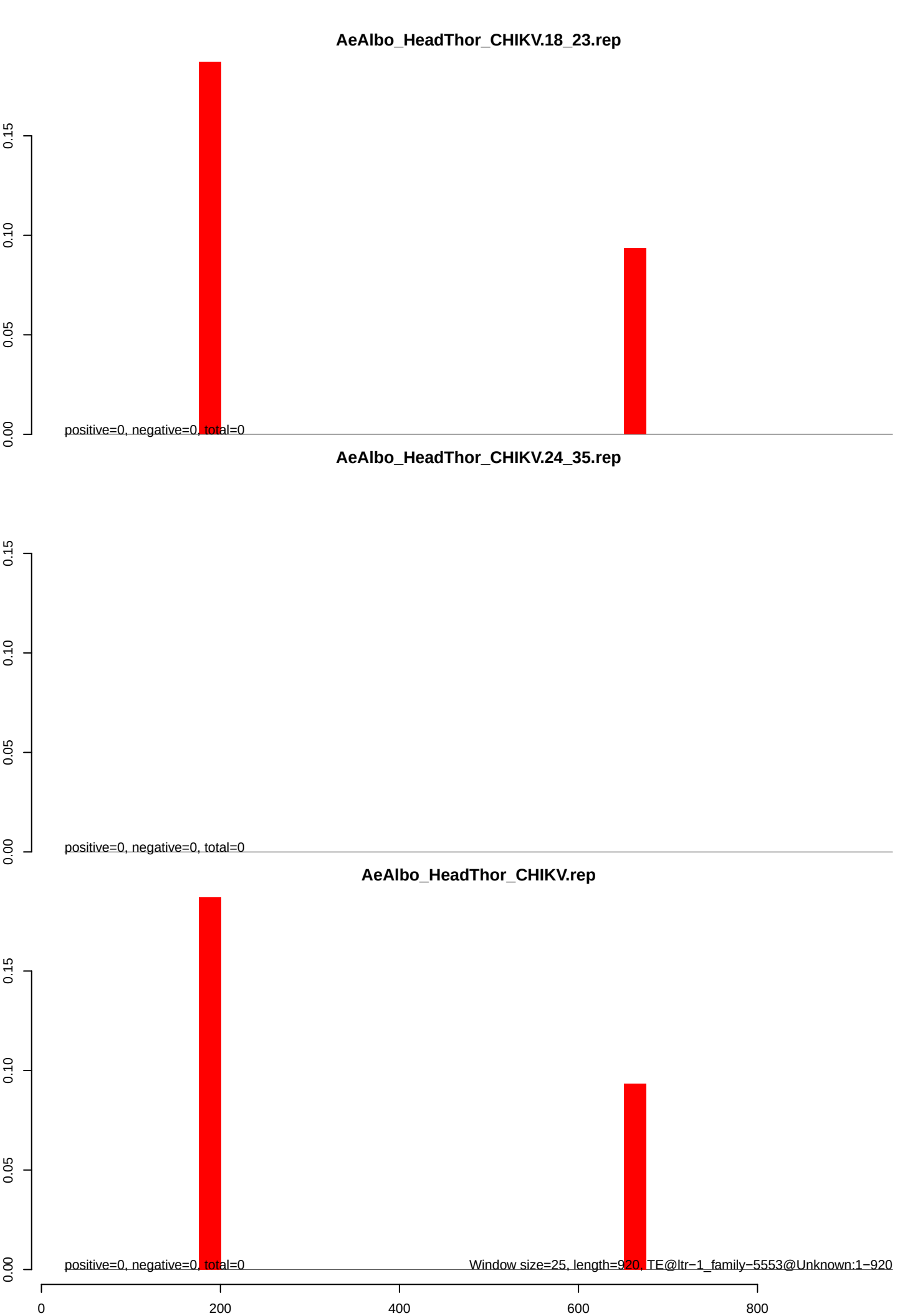

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=1, negative=0, total=1
Window size=25, length=503, TE@ltr−1_family−588@LTR_Pao:1−503
100
200
300
400
500

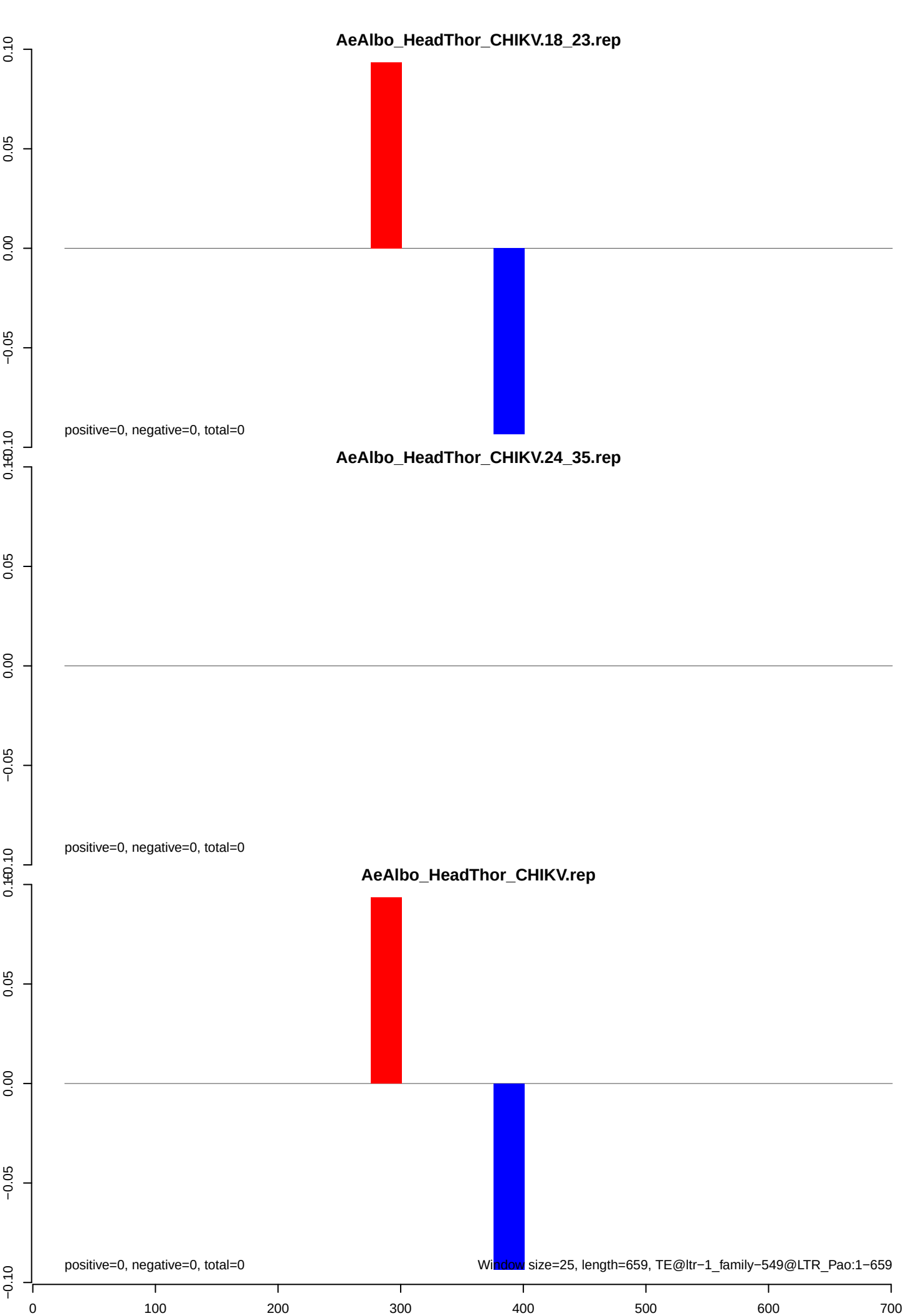

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=2404, TE@ltr−1_family−5840@SINE_tRNA:1−2404
0.10
0.05
0.00
−0.05
−0.10
0
500
1000
1500
2000
2500

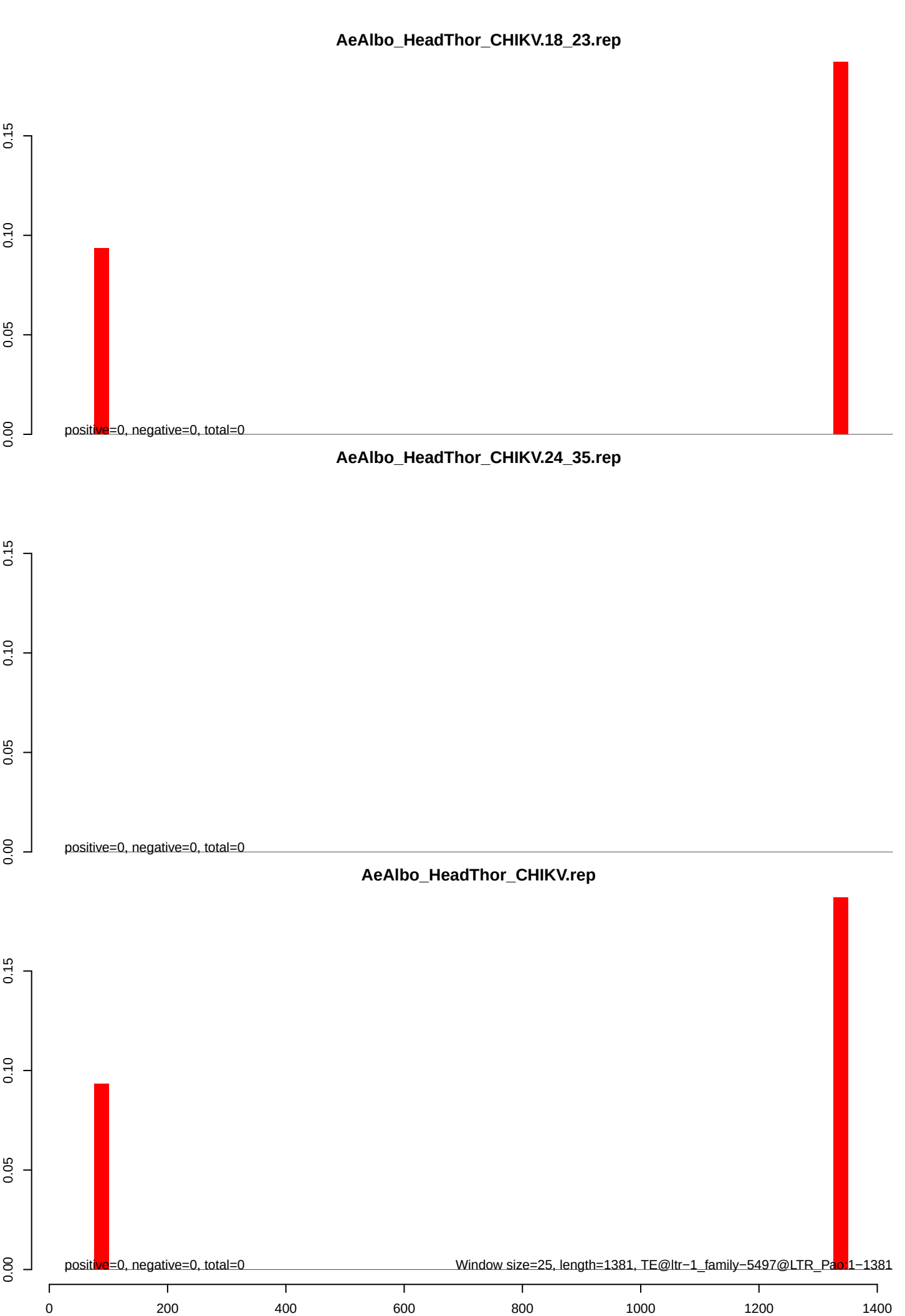

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1114, TE@ltr−1_family−5831@LTR_Gypsy:1−1114
0
200
400
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=892, TE@ltr−1_family−5647@LTR_Copia:1−892
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
6
positive=6, negative=0, total=6
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
6
positive=6, negative=0, total=6
Window size=25, length=1465, TE@ltr−1_family−5554@Unknown:1−1465
0
500
1000
1500

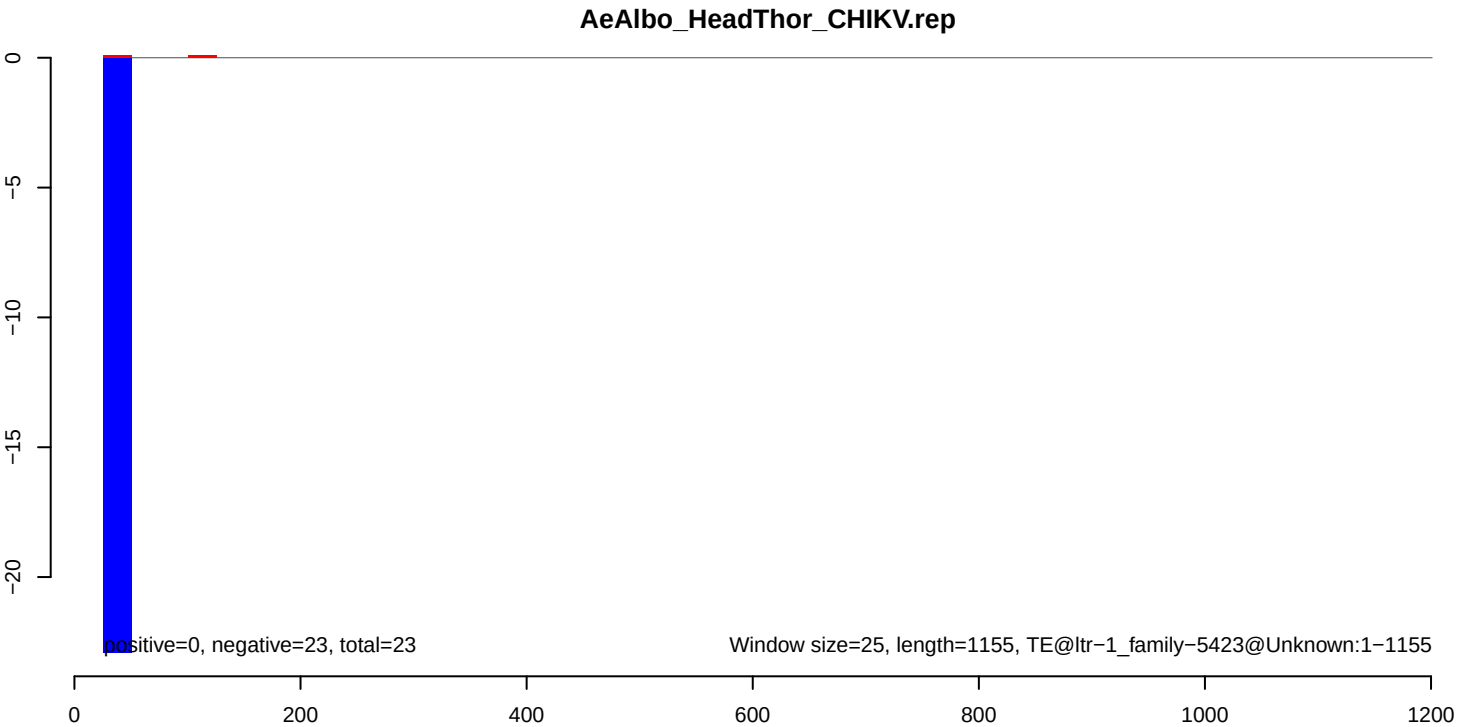

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=920, TE@ltr−1_family−5553@Unknown:1−920
0
200
400
600
800

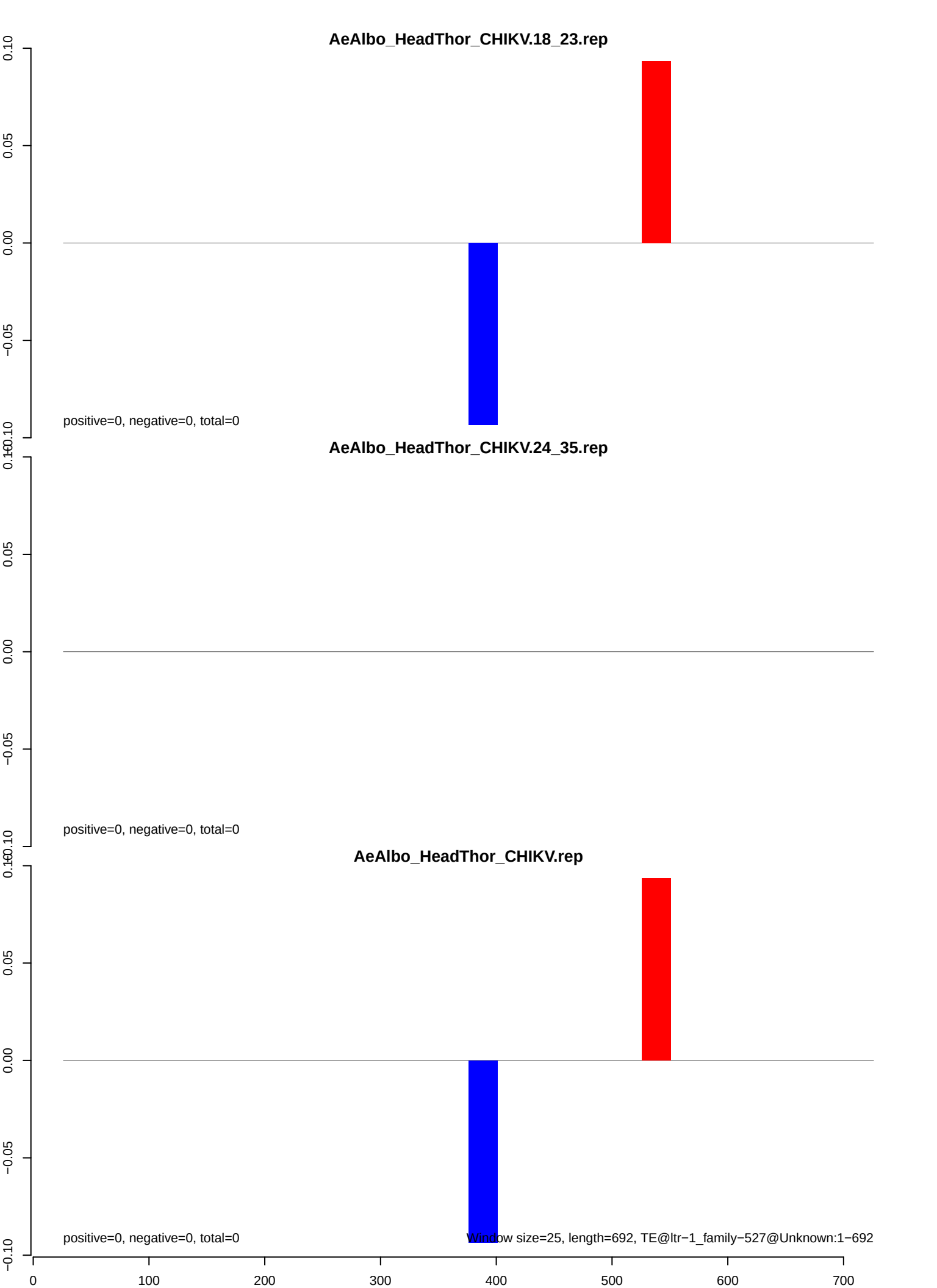

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=659, TE@ltr−1_family−549@LTR_Pao:1−659
0
100
200
300
400
500
600
700

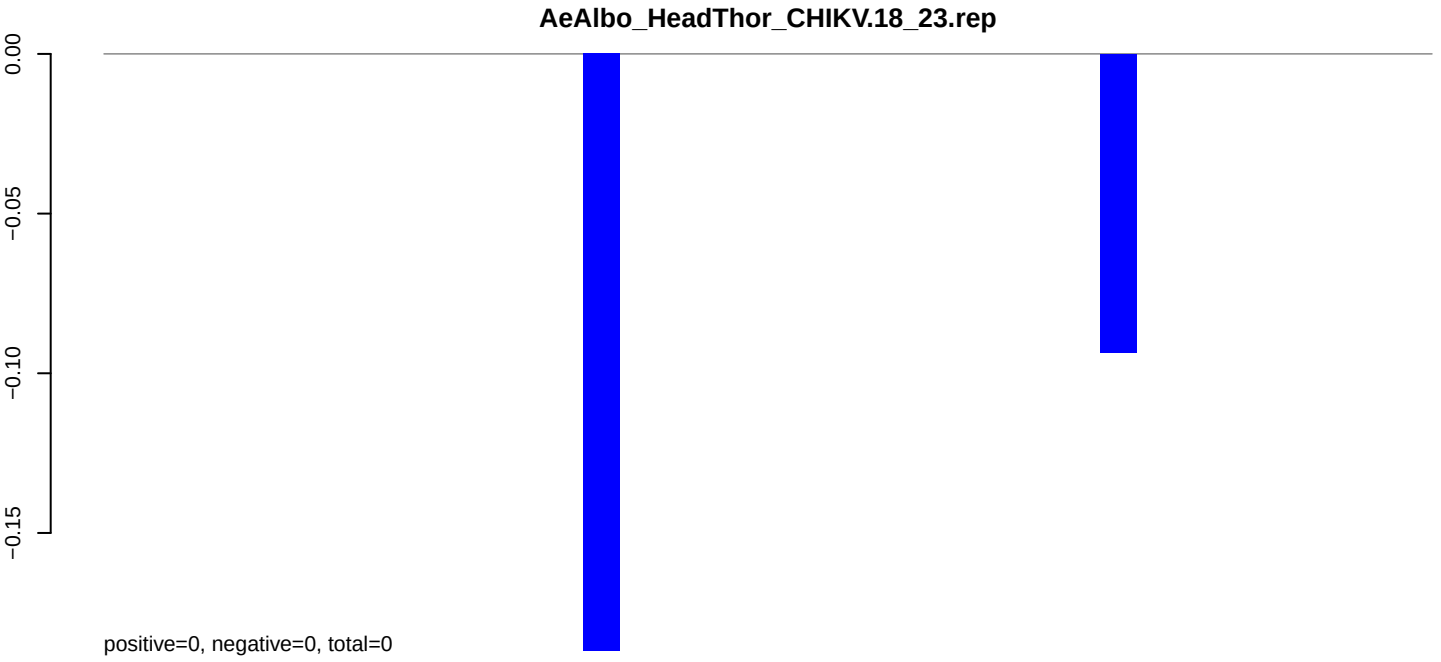

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=1381, TE@ltr−1_family−5497@LTR_Pao:1−1381
0
200
400
600
800
1000
1200
1400

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−5
−10
−15
−20
positive=0, negative=23, total=23

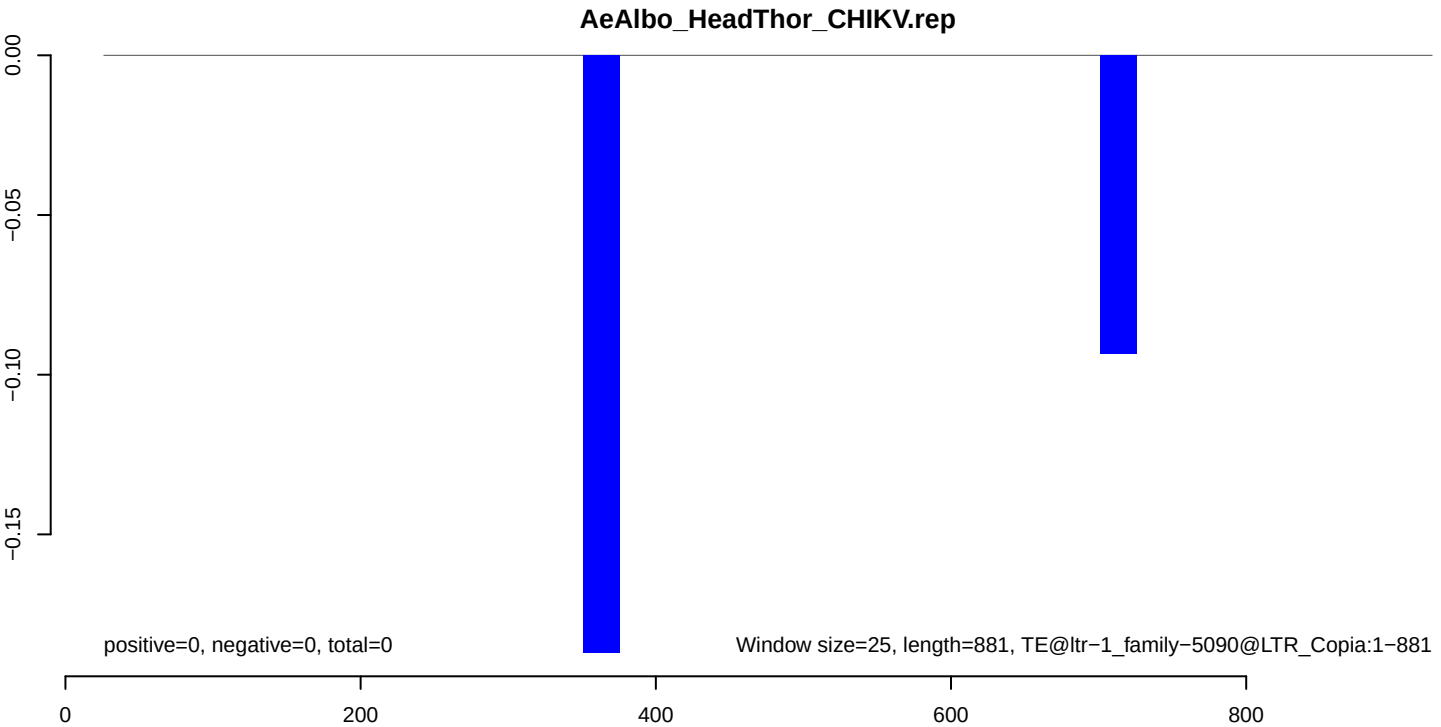
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−5
−10
−15
−20
positive=0, negative=0, total=0

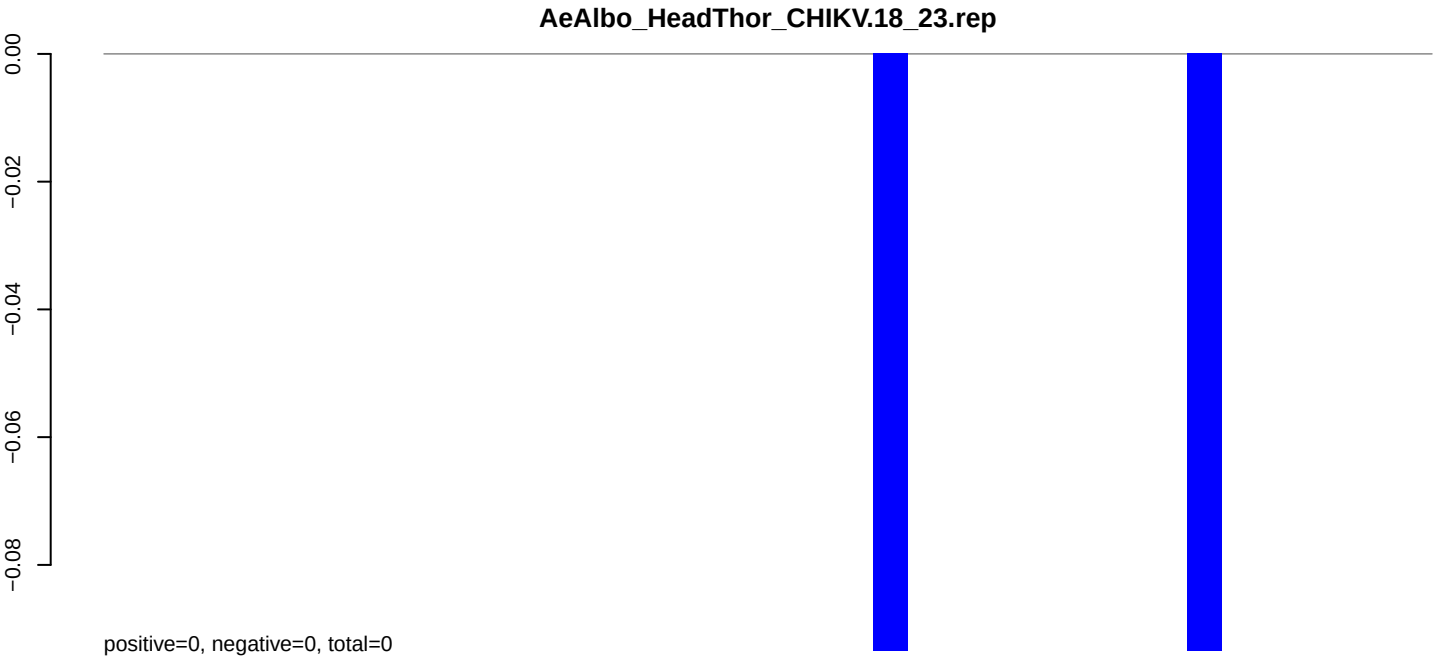

AeAlbo_HeadThor_CHIKV.rep
0
−5
−10
−15
−20
positive=0, negative=23, total=23
Window size=25, length=1155, TE@ltr−1_family−5423@Unknown:1−1155
0
200
400
600
800
1000
1200


AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=692, TE@ltr−1_family−527@Unknown:1−692
0
100
200
300
400
500
600
700

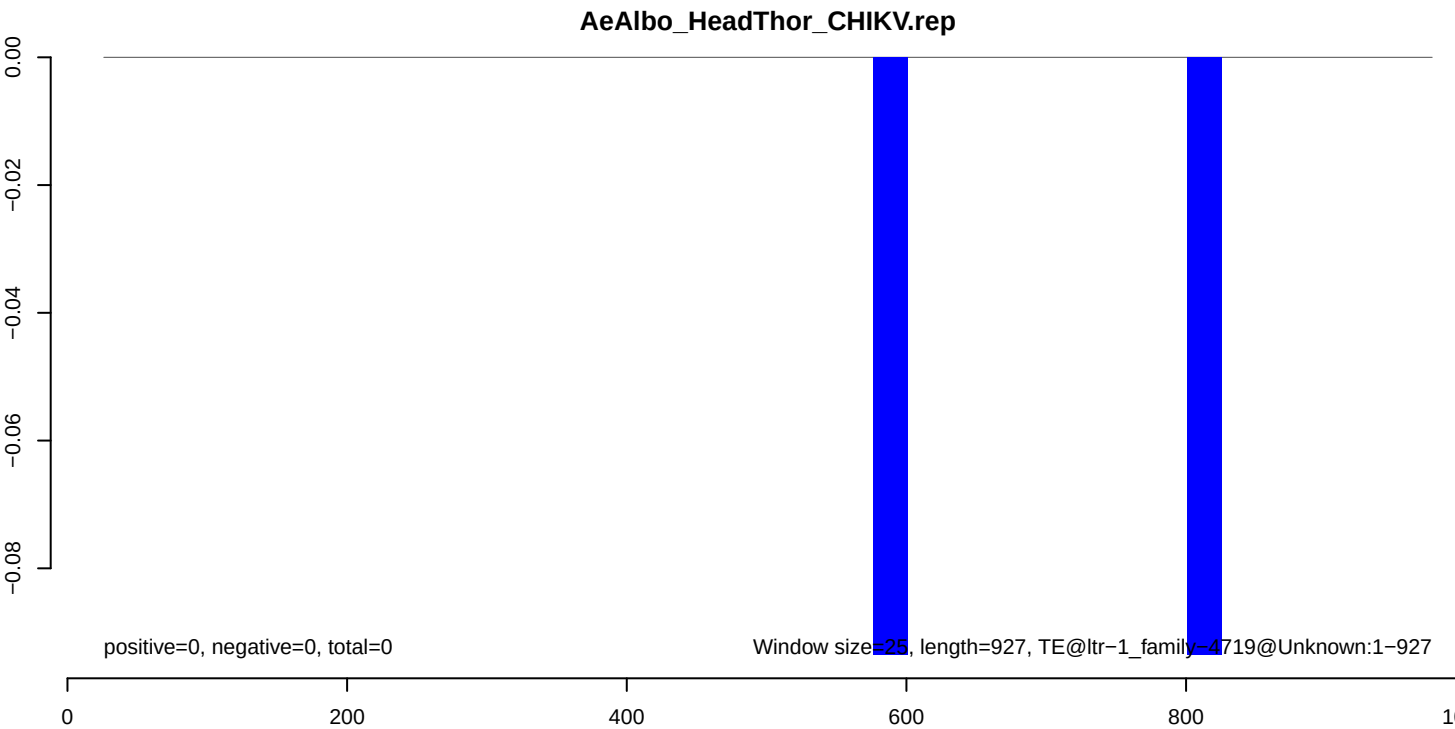

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

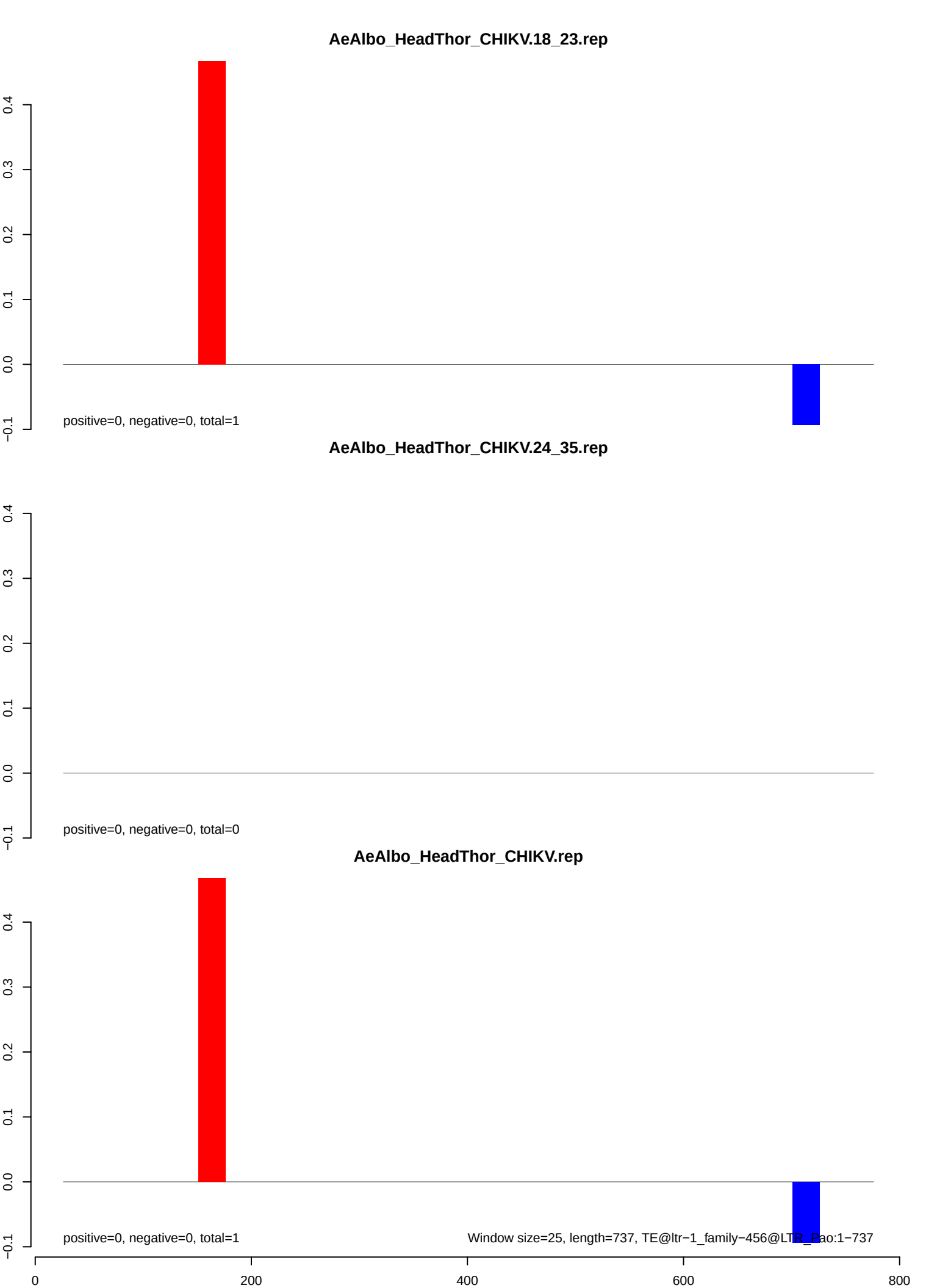
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

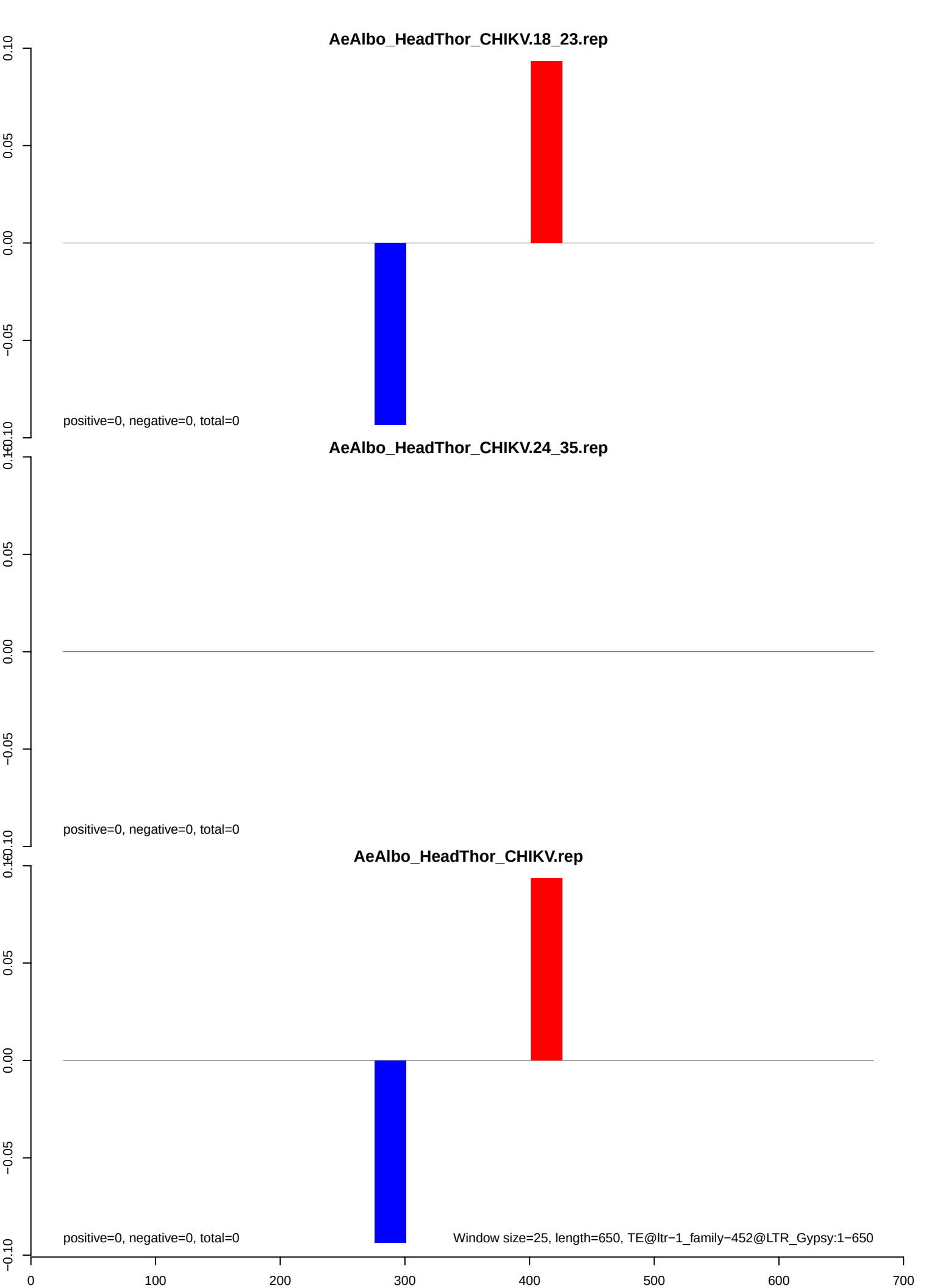

AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=881, TE@ltr−1_family−5090@LTR_Copia:1−881
0
200
400
600
800

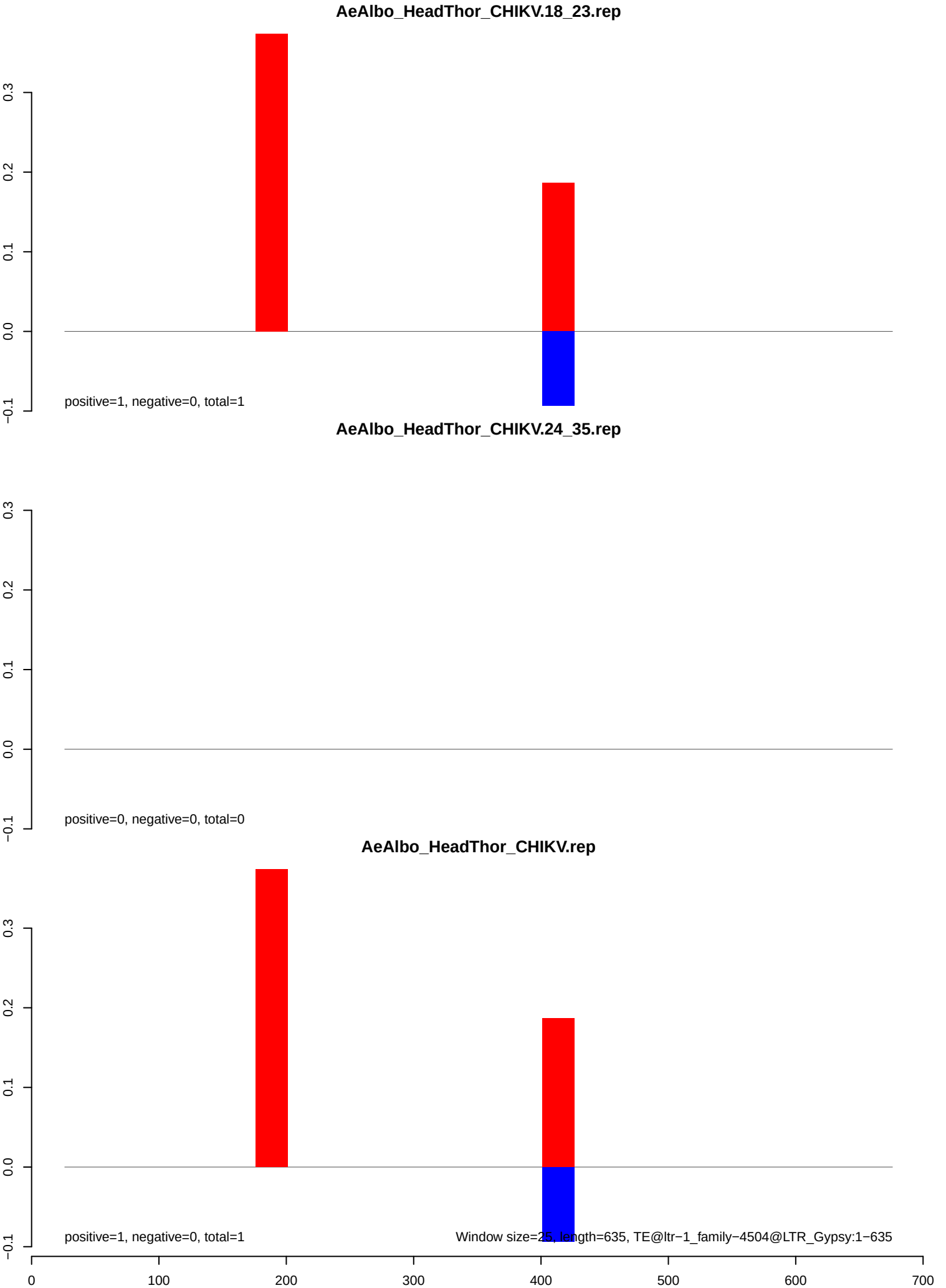

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0

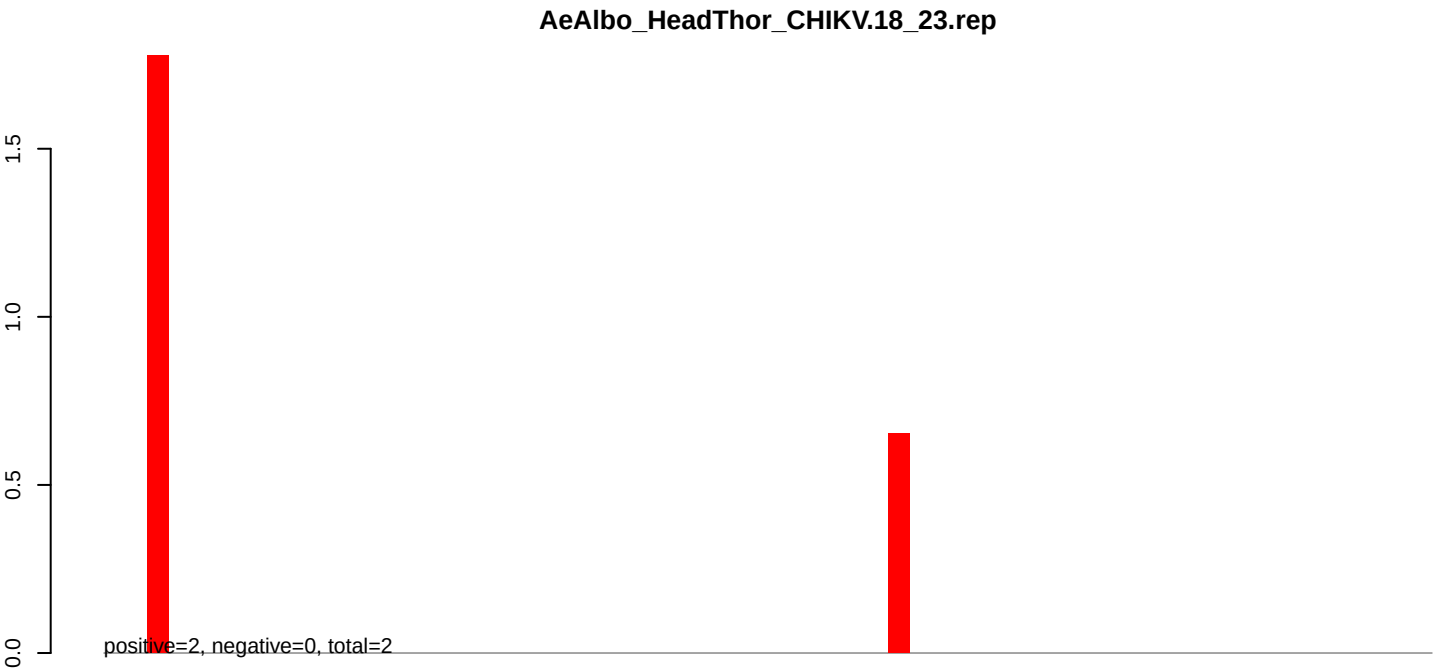
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0

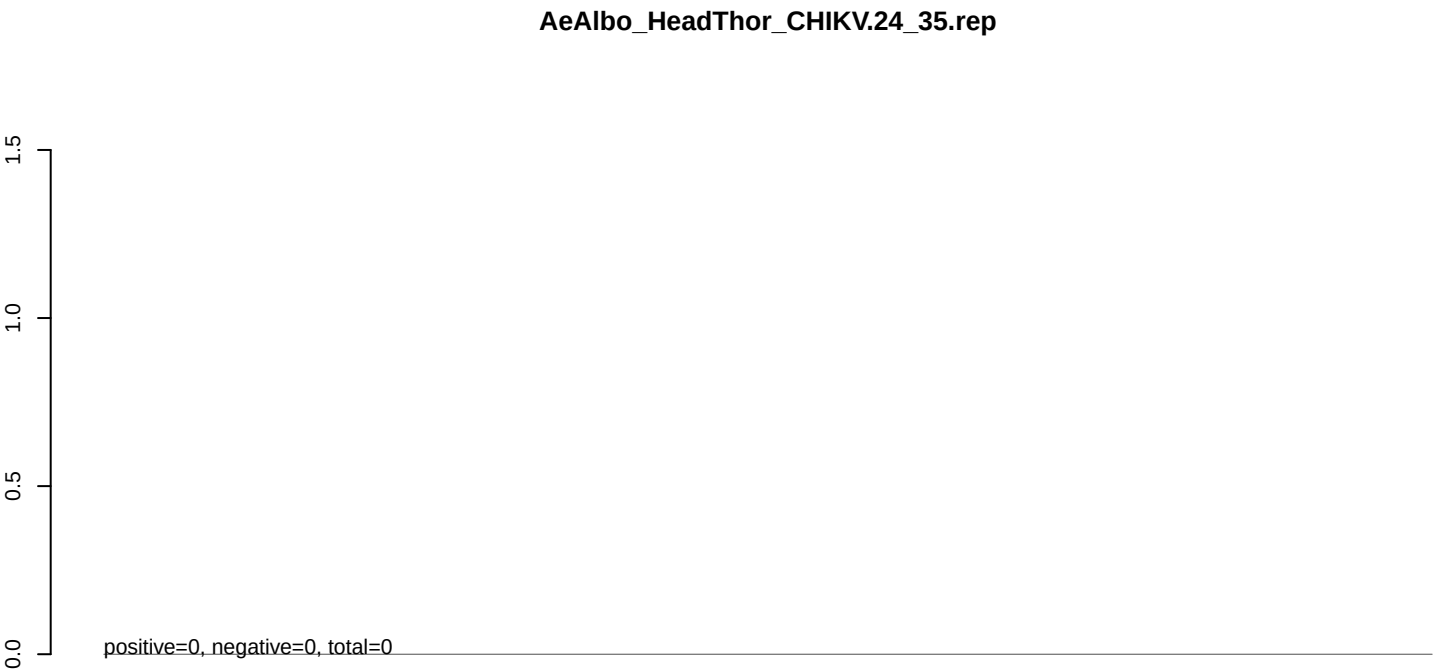

AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=927, TE@ltr−1_family−4719@Unknown:1−927
0
200
400
600
800
1000

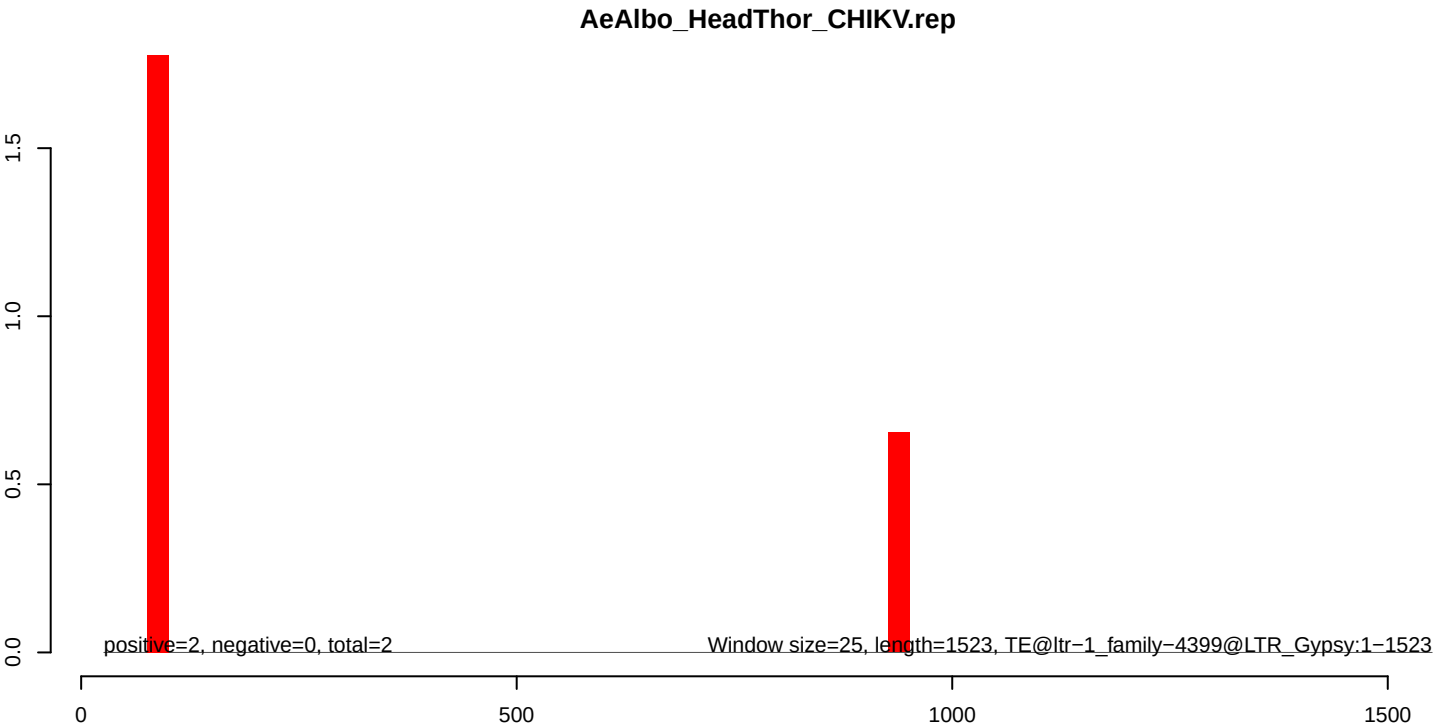

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=737, TE@ltr−1_family−456@LTR_Pao:1−737
0
200
400
600
800

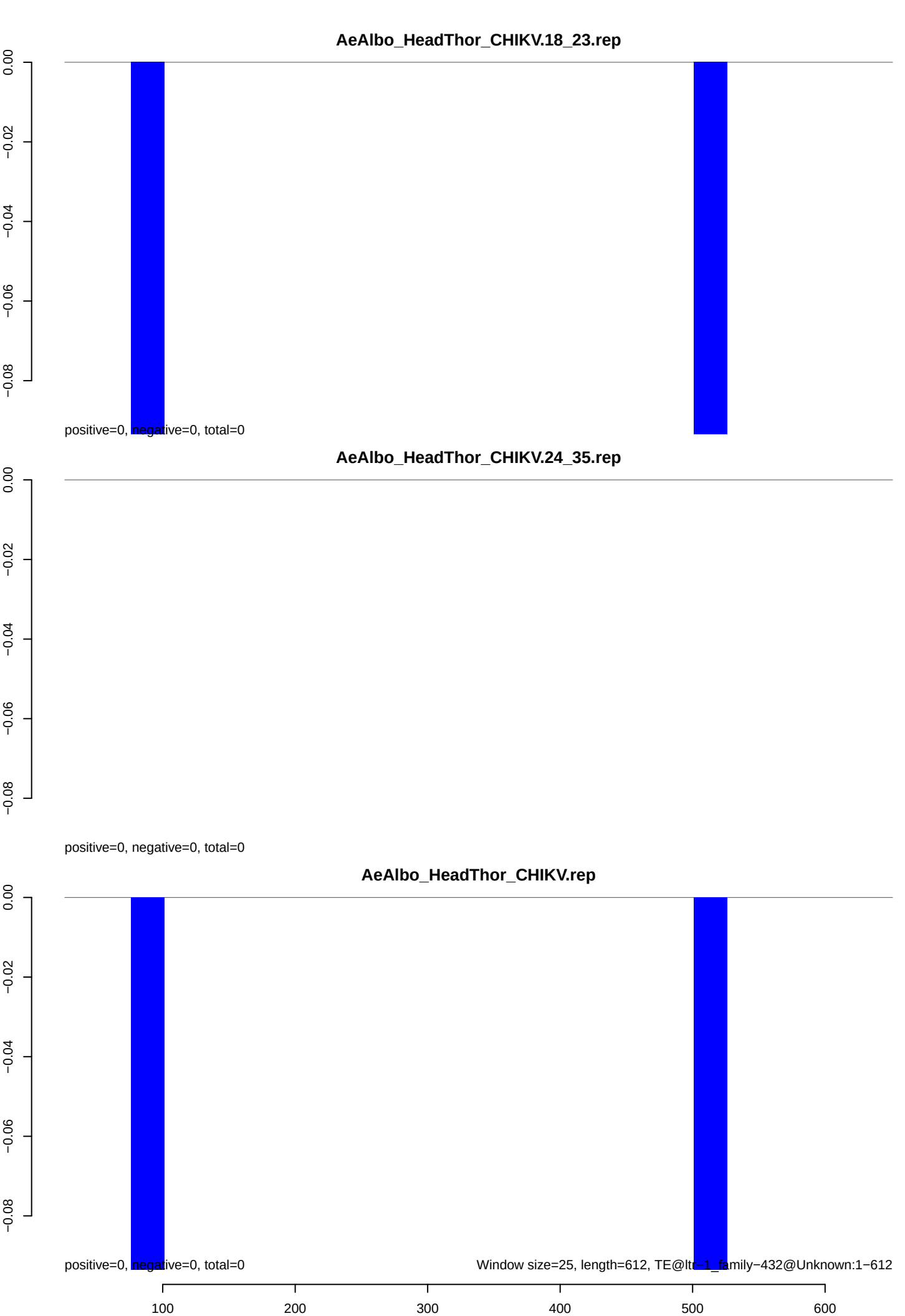

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=650, TE@ltr−1_family−452@LTR_Gypsy:1−650
0.10
0.05
0.00
−0.05
−0.10
0
100
200
300
400
500
600
700

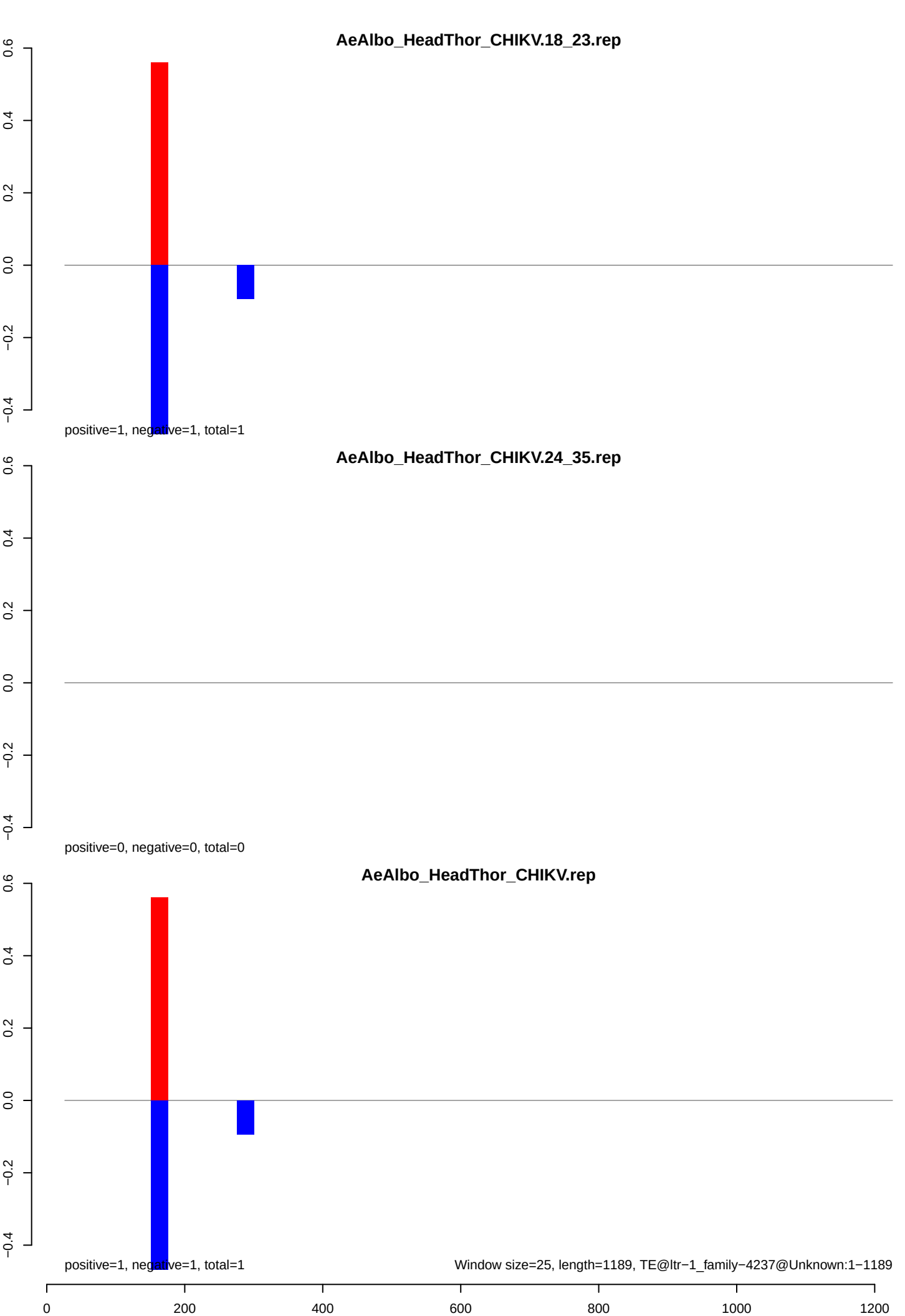

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=635, TE@ltr−1_family−4504@LTR_Gypsy:1−635
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2


AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

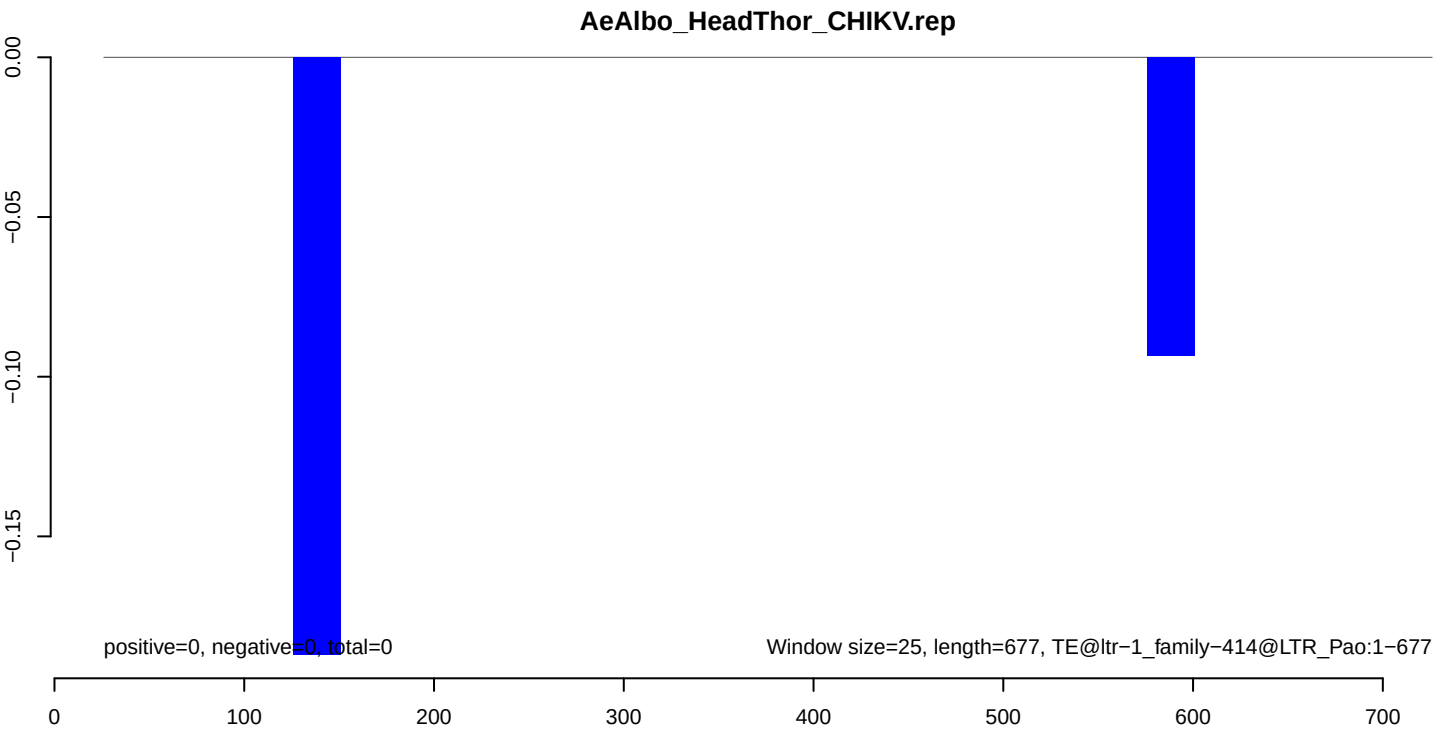

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
Window size=25, length=1523, TE@ltr−1_family−4399@LTR_Gypsy:1−1523
0
500
1000
1500

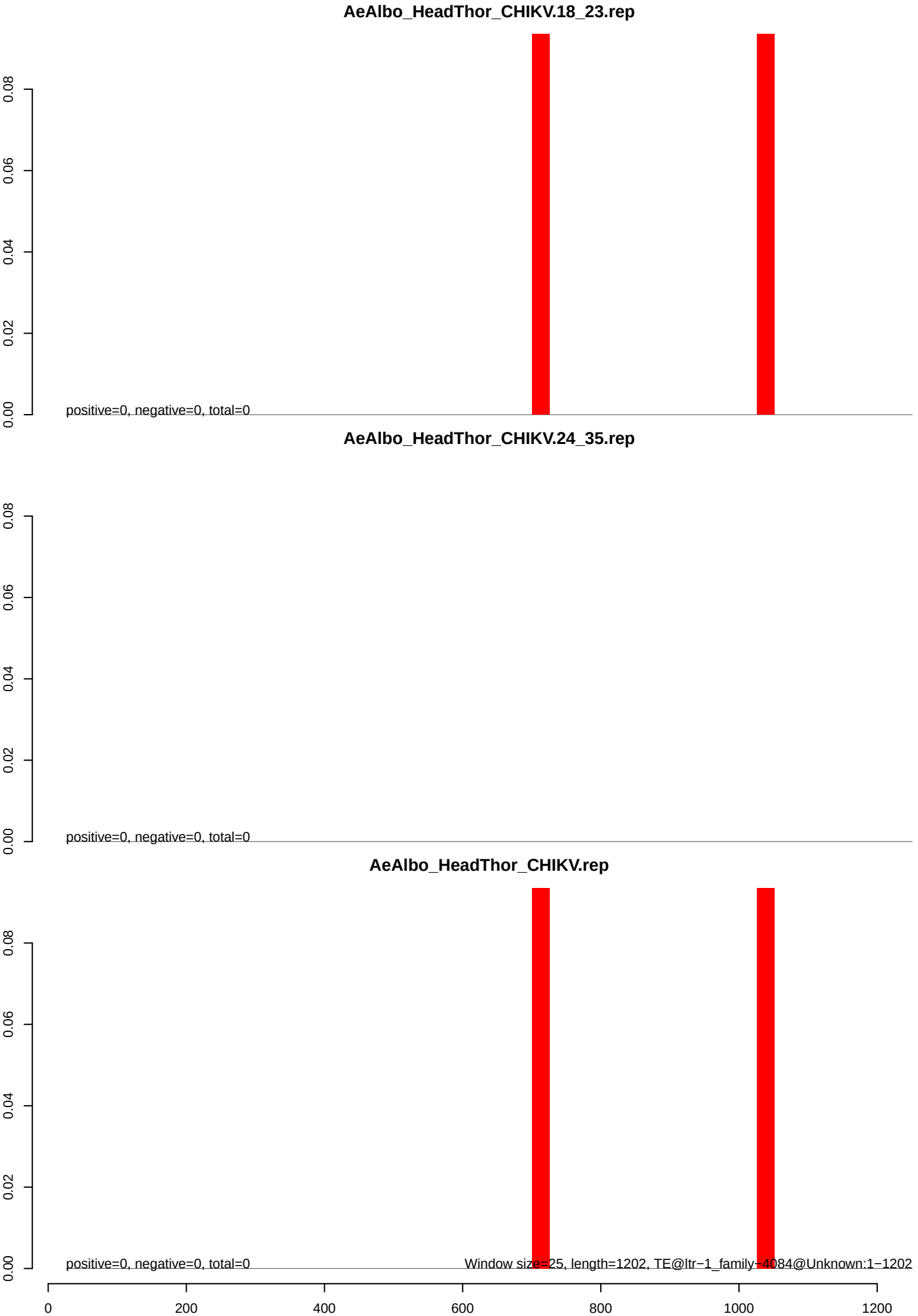

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=612, TE@ltr−1_family−432@Unknown:1−612
100
200
300
400
500
600

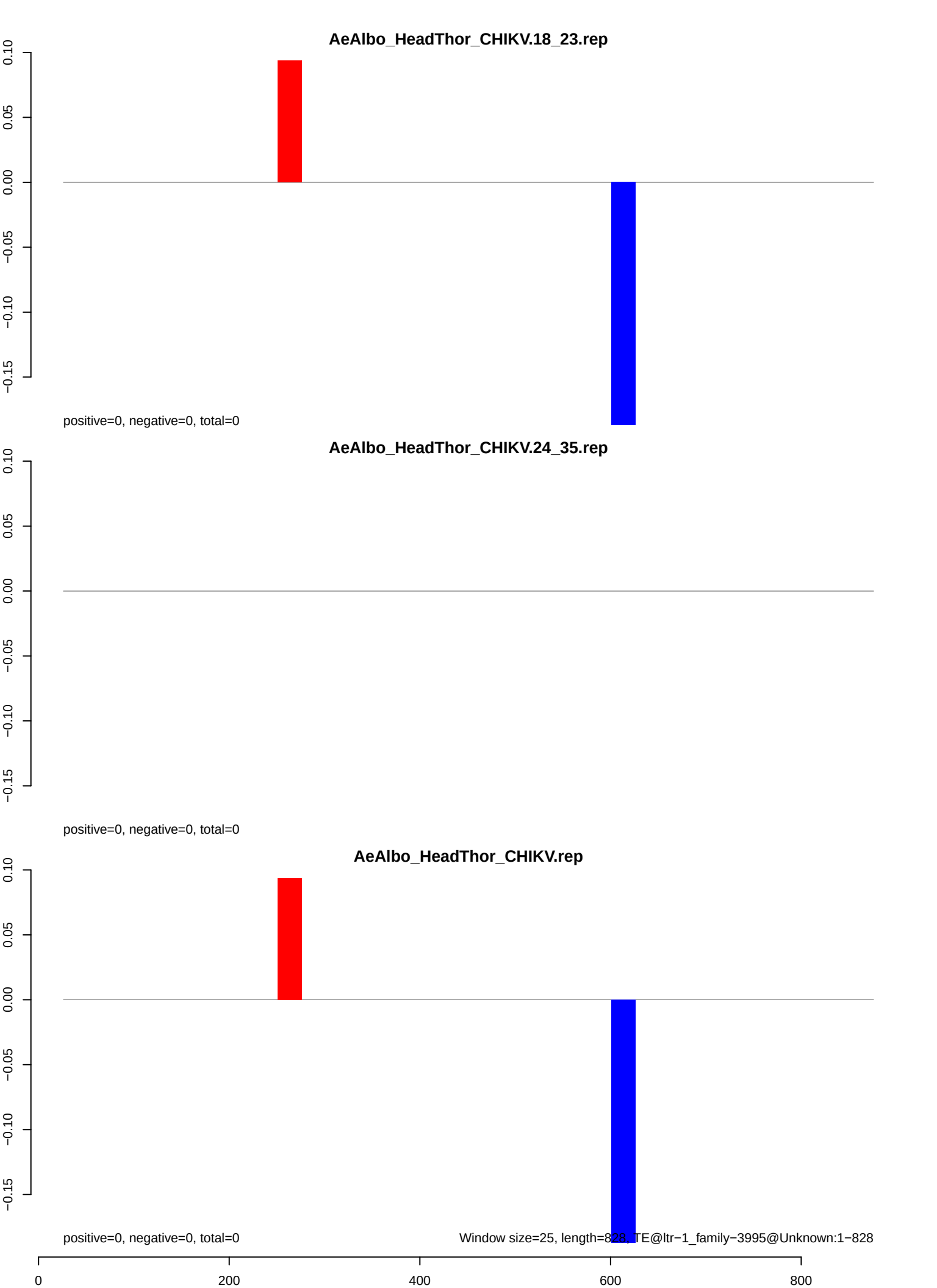

AeAlbo_HeadThor_CHIKV.18_23.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.6
0.4
0.2
0.0
−0.2
−0.4
positive=1, negative=1, total=1
Window size=25, length=1189, TE@ltr−1_family−4237@Unknown:1−1189
0
200
400
600
800
1000
1200

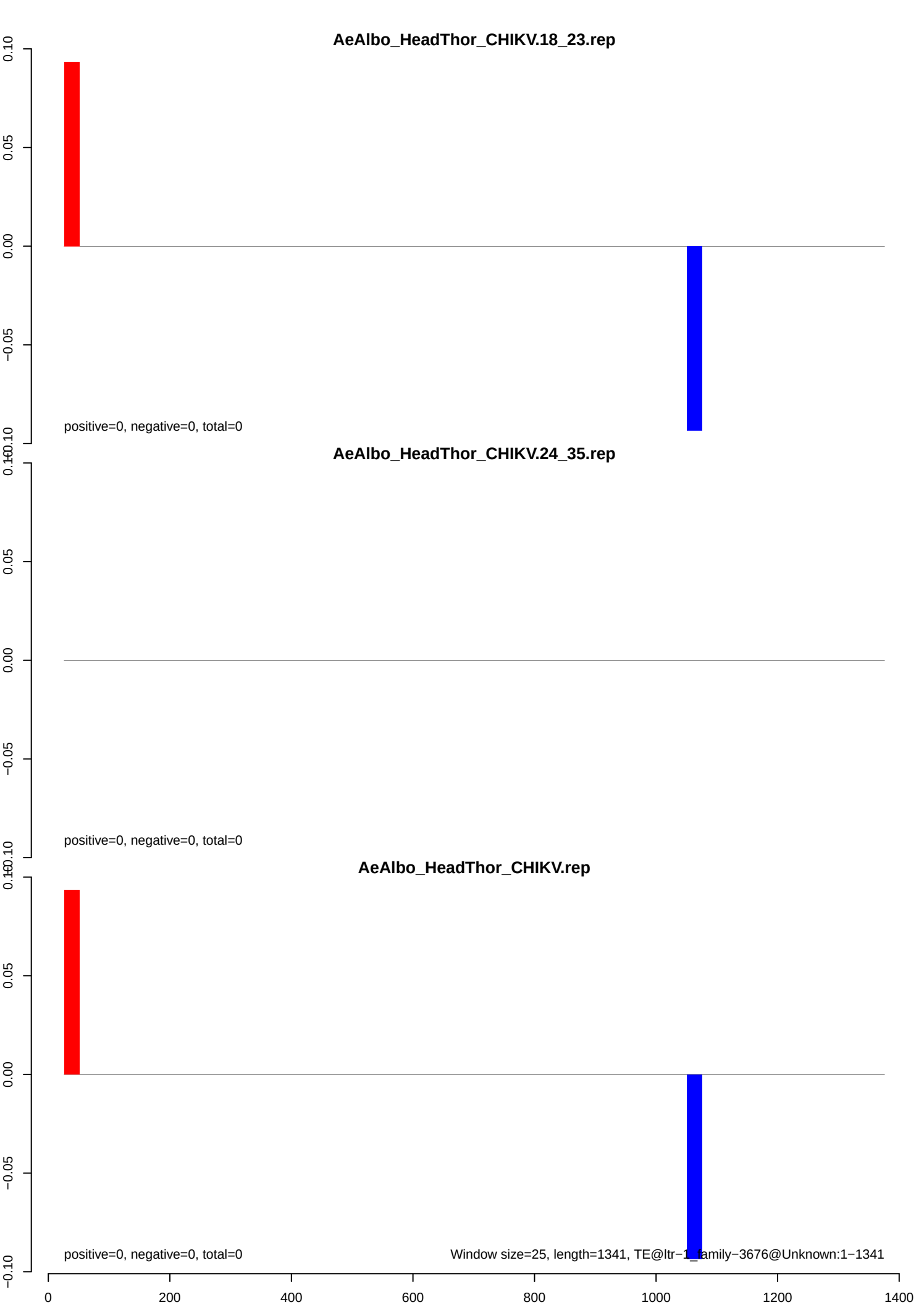
AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

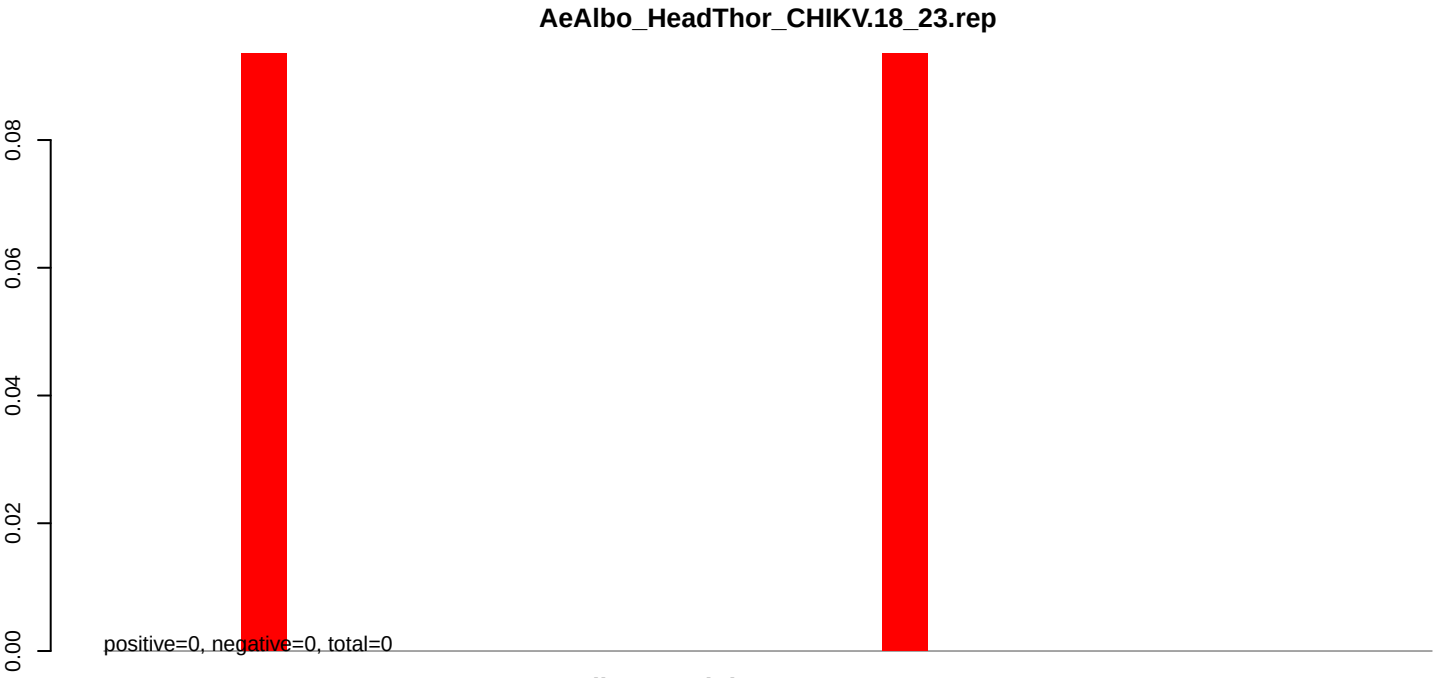
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0

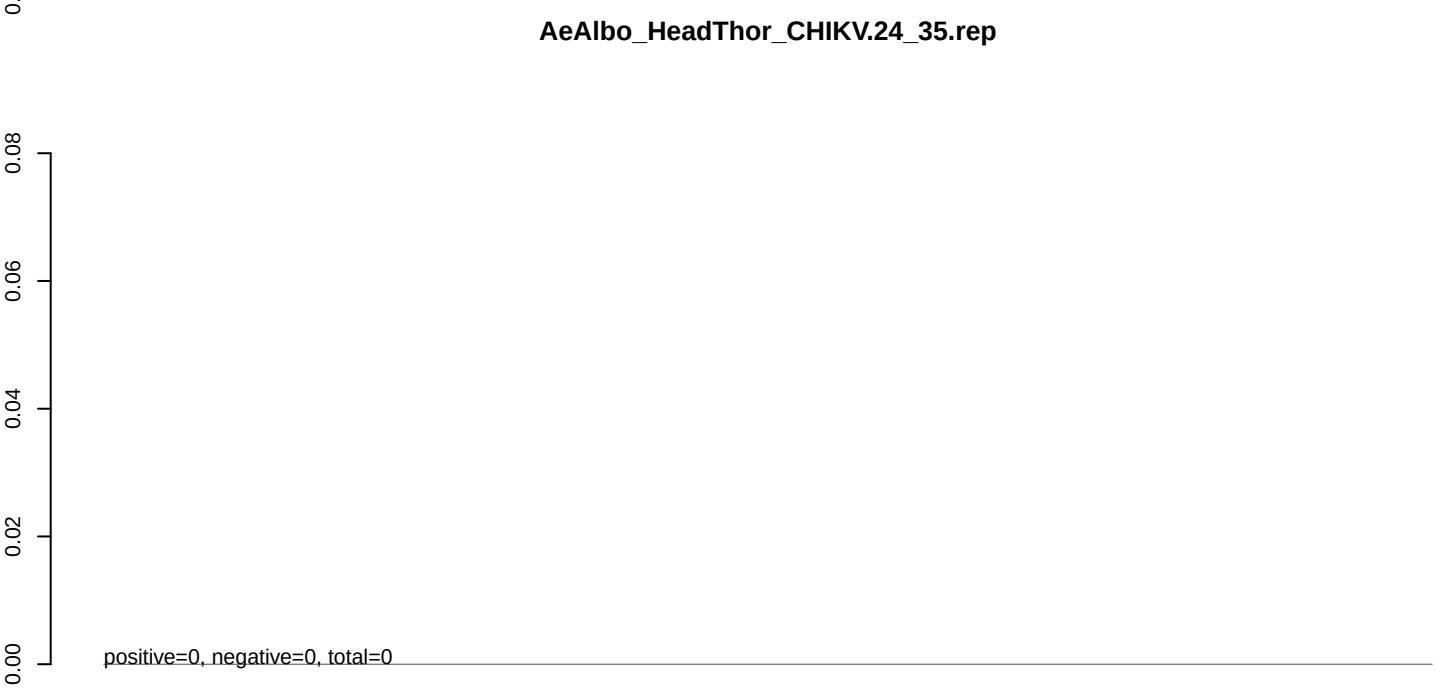

AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=677, TE@ltr−1_family−414@LTR_Pao:1−677
0
100
200
300
400
500
600
700

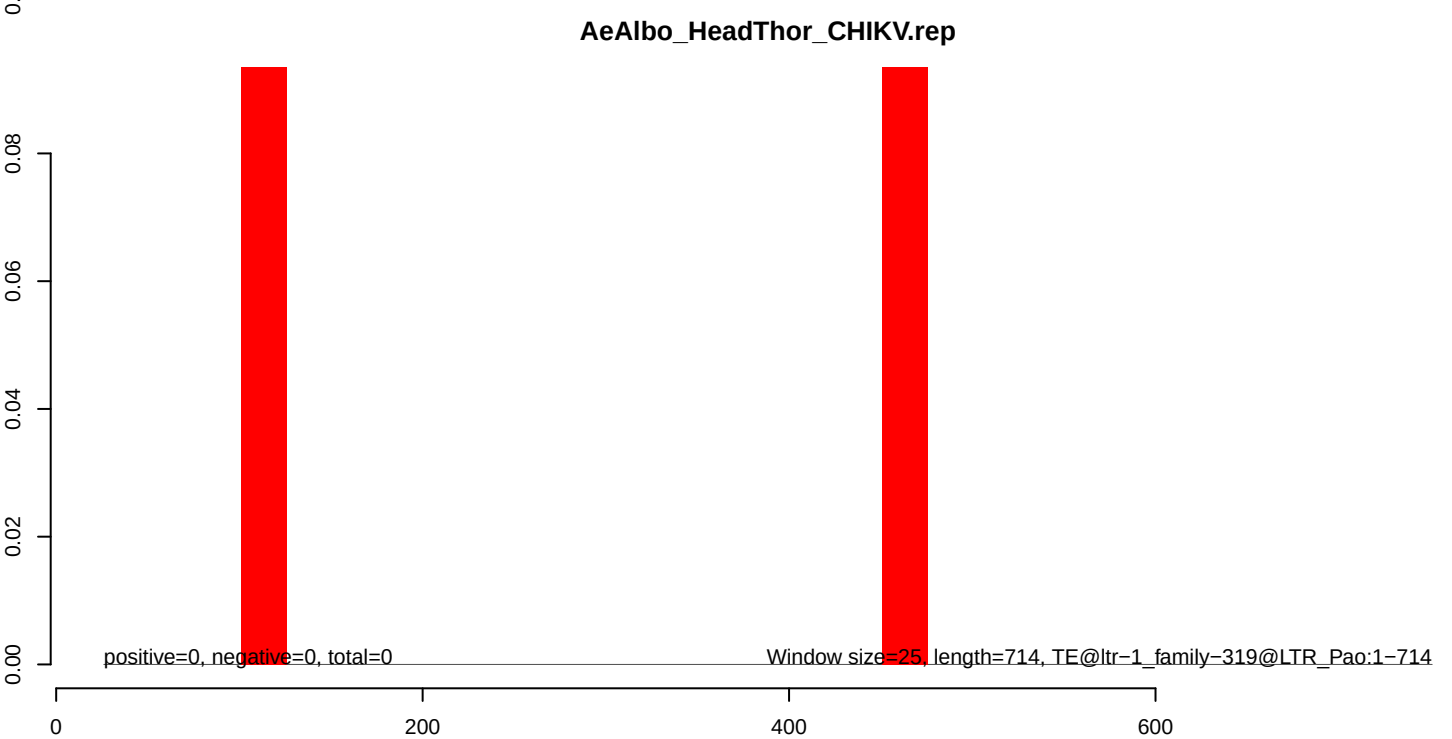

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1202, TE@ltr−1_family−4084@Unknown:1−1202
0
200
400
600
800
1000
1200

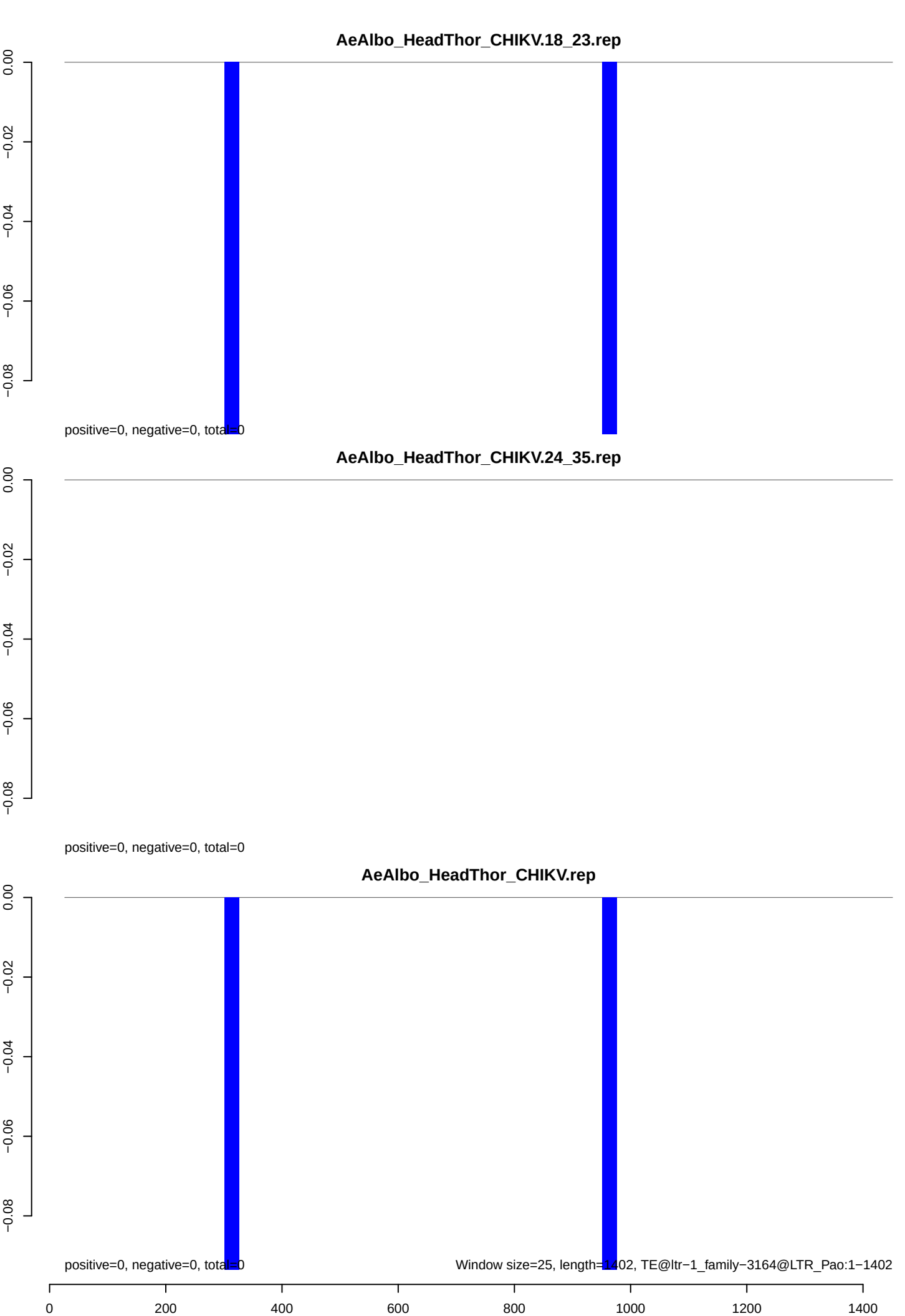

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=828, TE@ltr−1_family−3995@Unknown:1−828
0
200
400
600
800

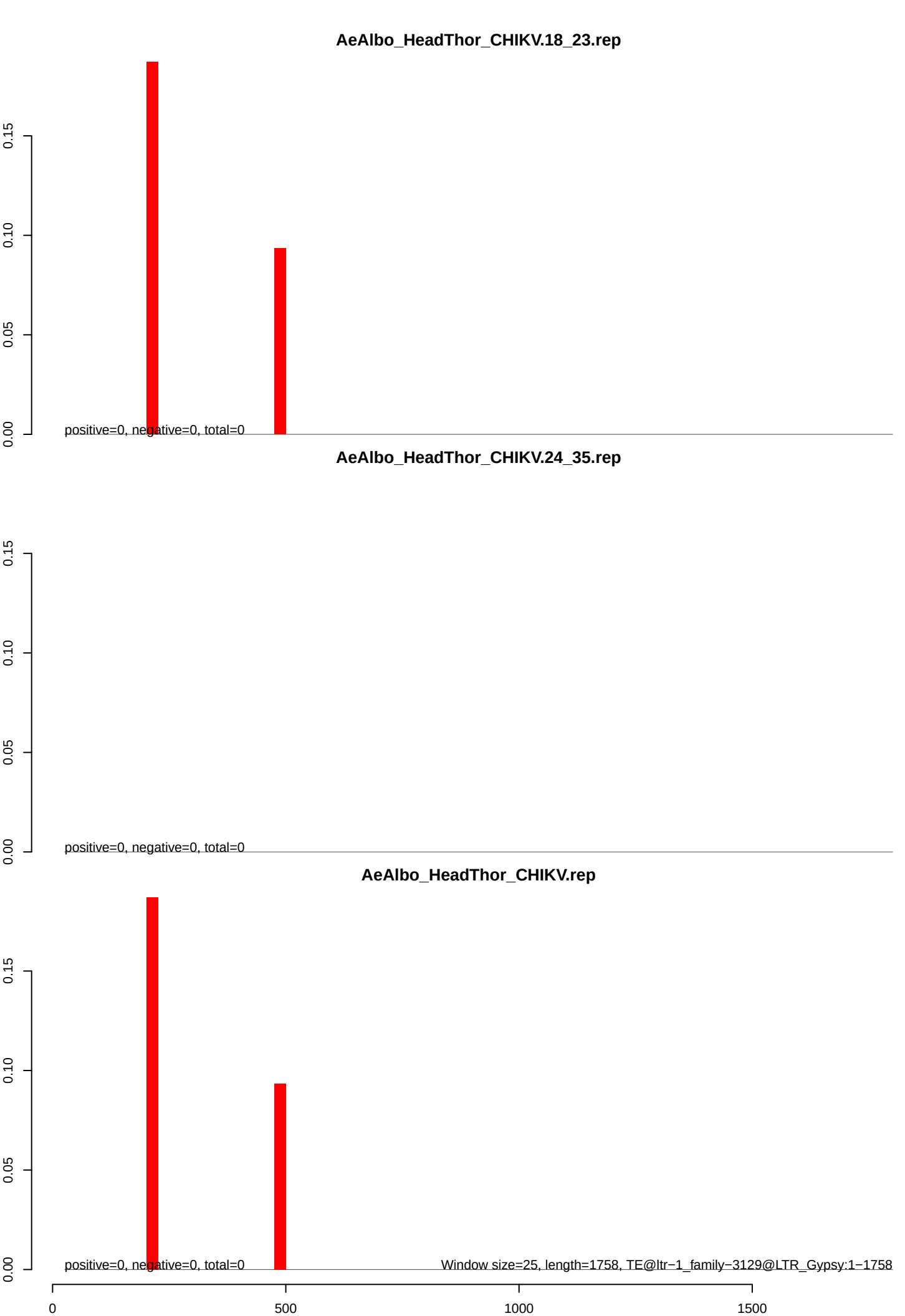

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1341, TE@ltr−1_family−3676@Unknown:1−1341
0
200
400
600
800
1000
1200
1400

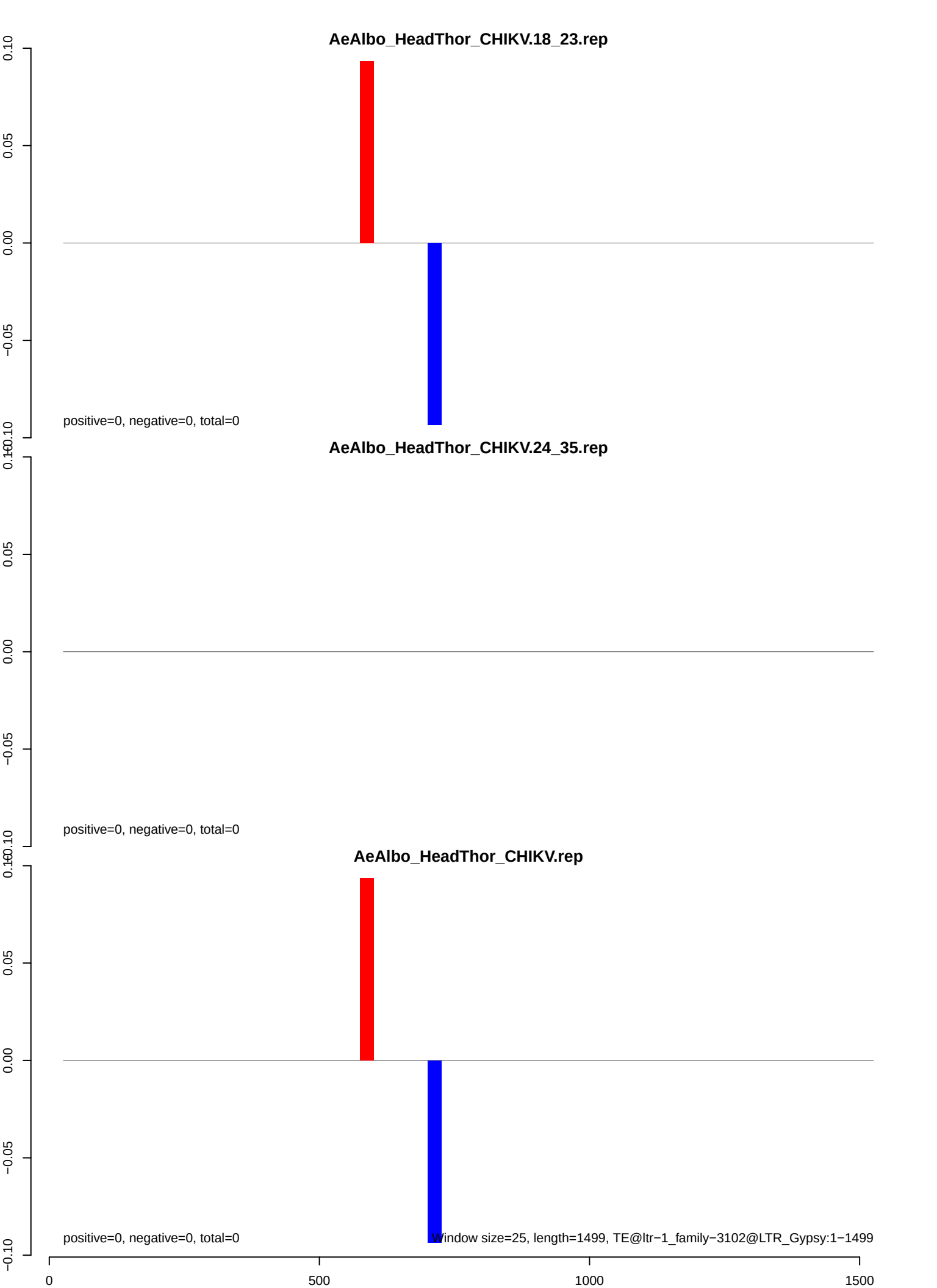

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

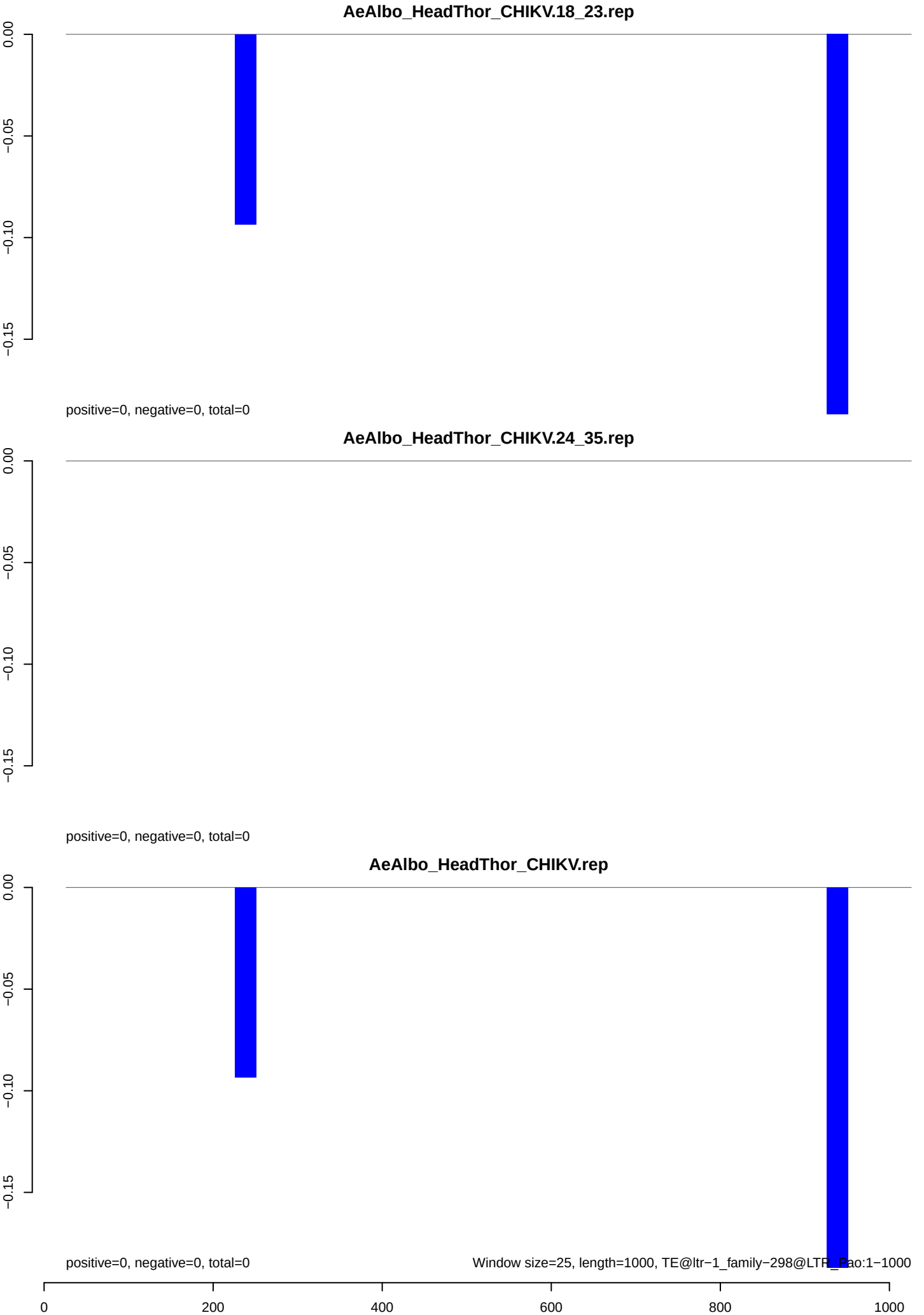

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

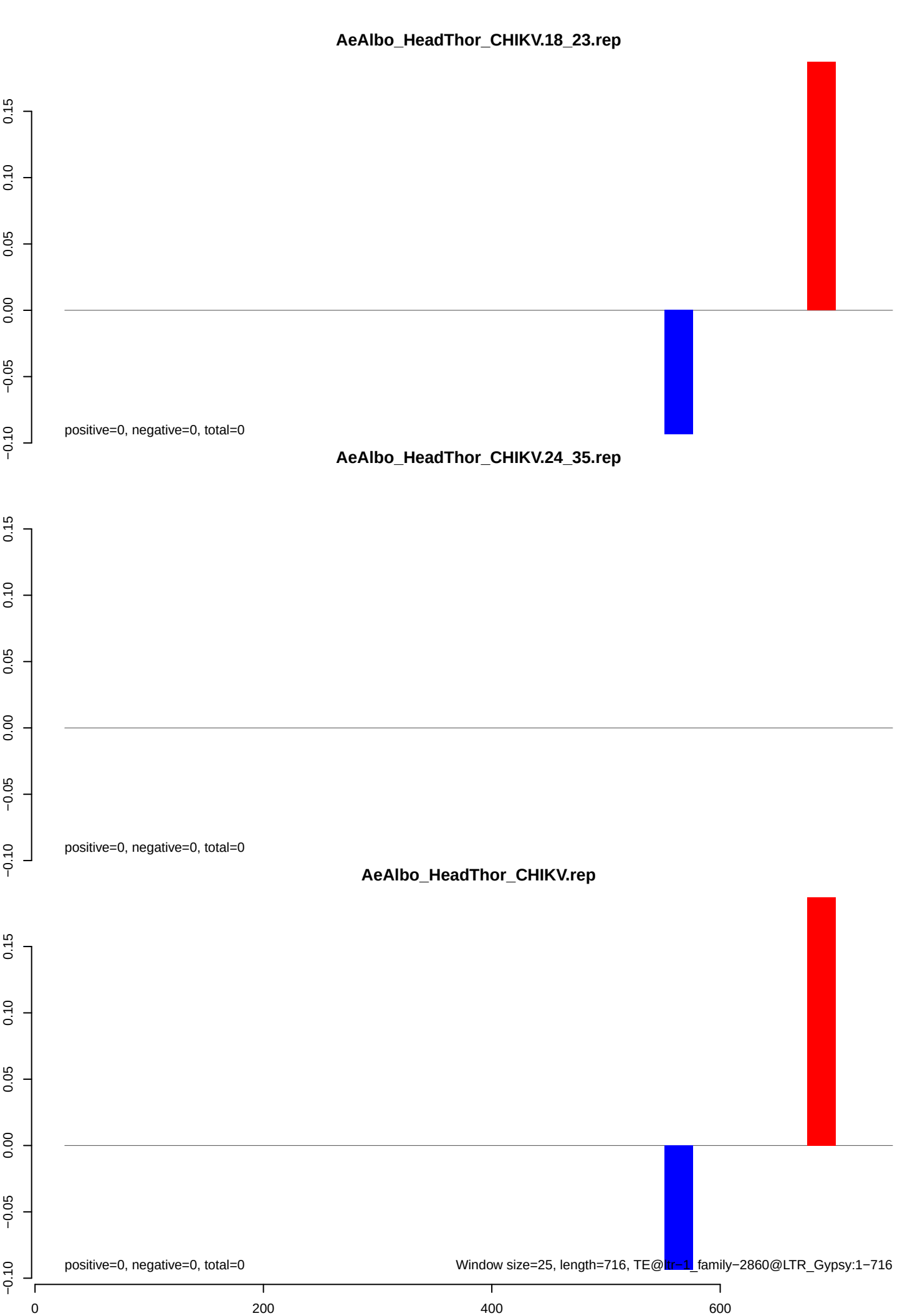

AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=714, TE@ltr−1_family−319@LTR_Pao:1−714
0
200
400
600

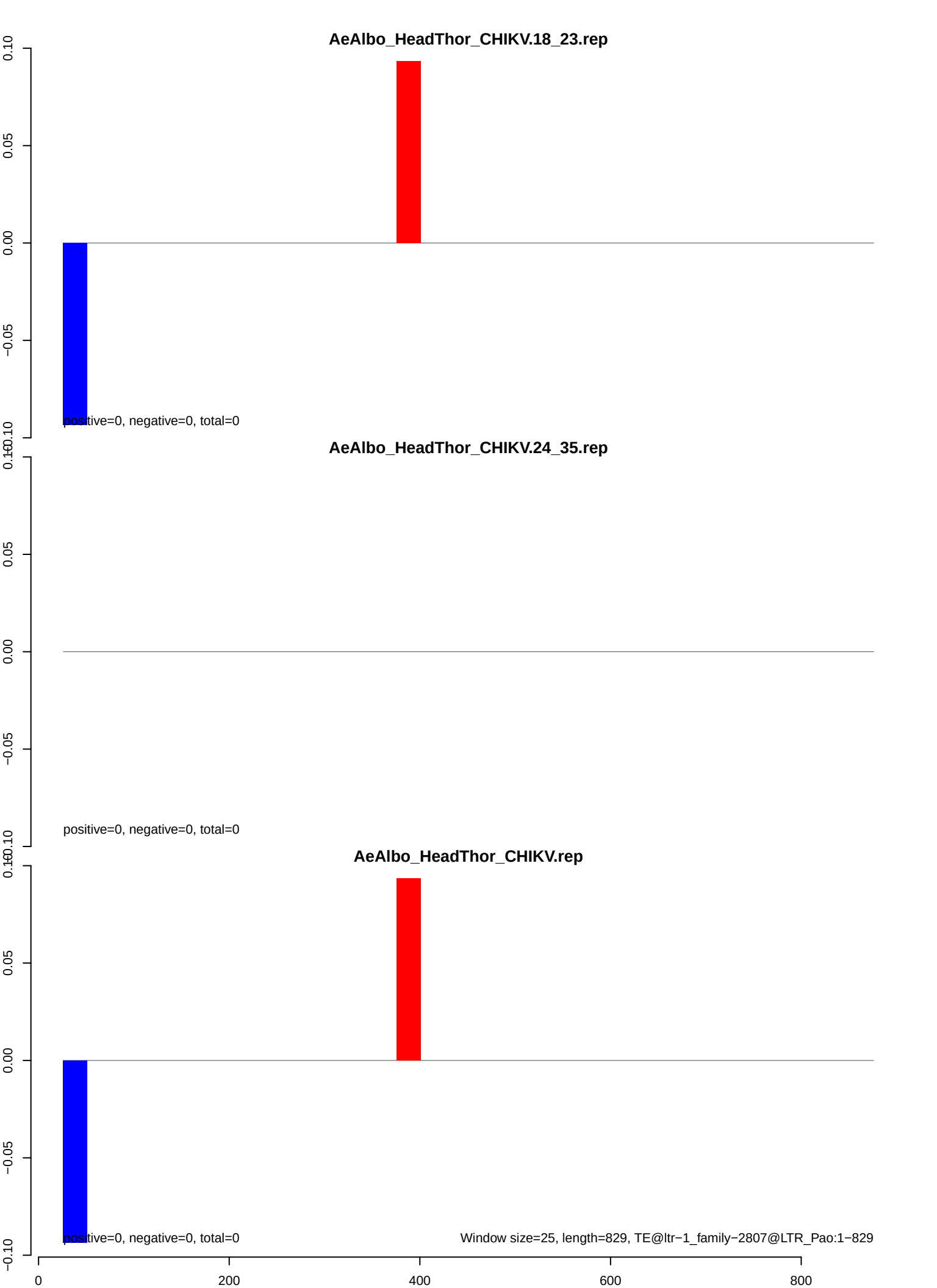

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=1402, TE@ltr−1_family−3164@LTR_Pao:1−1402
0
200
400
600
800
1000
1200
1400

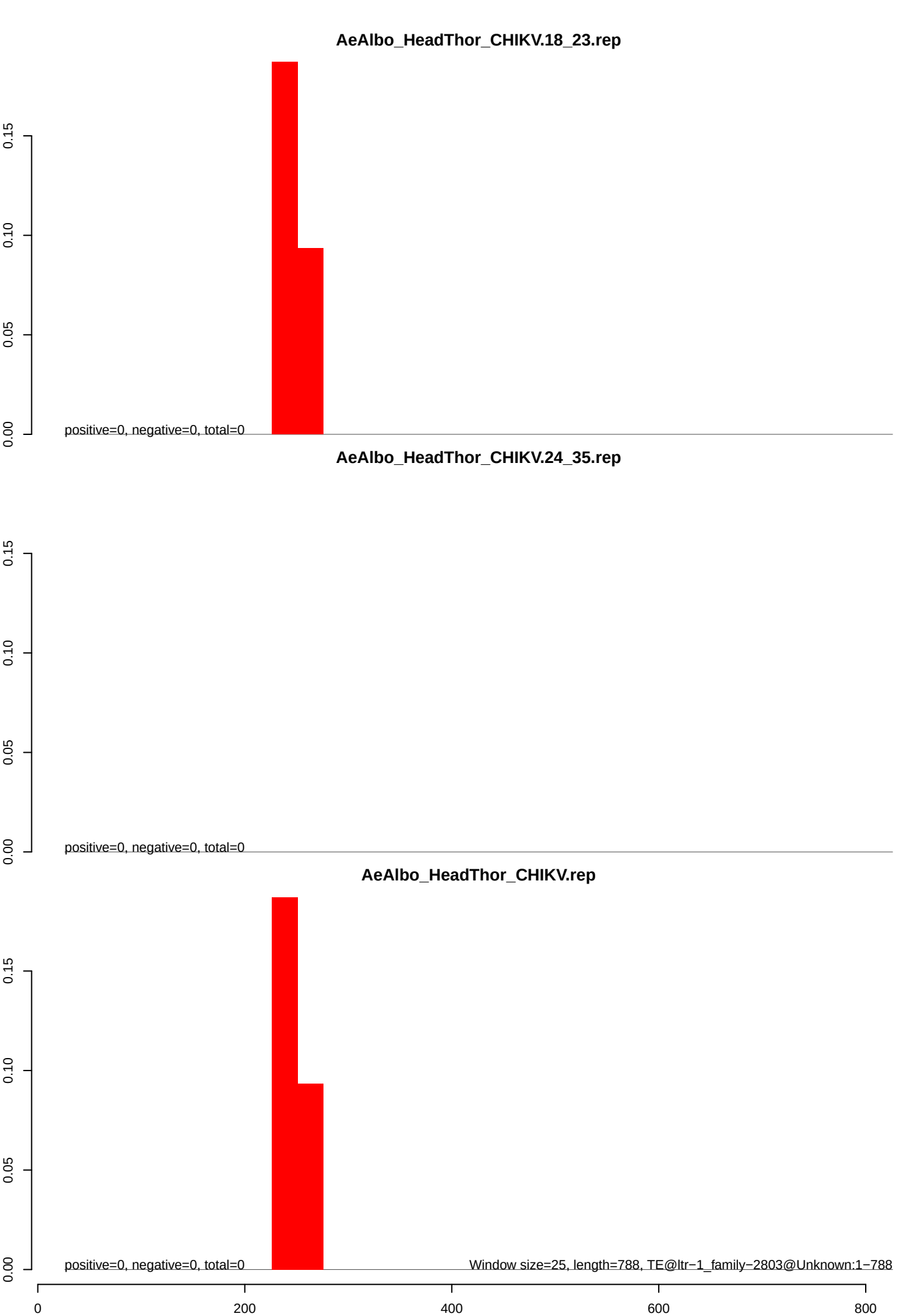

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=1758, TE@ltr−1_family−3129@LTR_Gypsy:1−1758
0
500
1000
1500

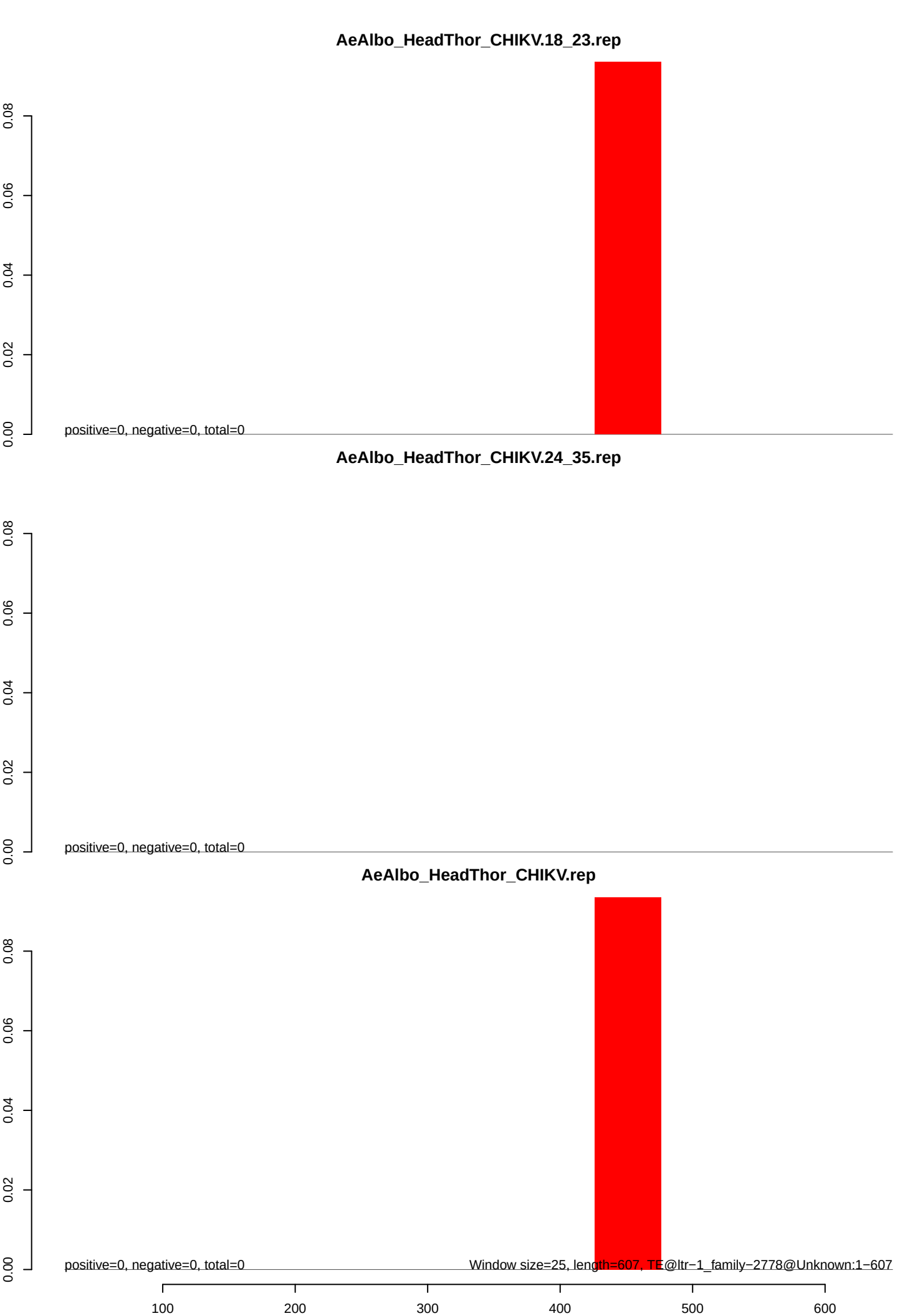

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=1499, TE@ltr−1_family−3102@LTR_Gypsy:1−1499
0
500
1000
1500

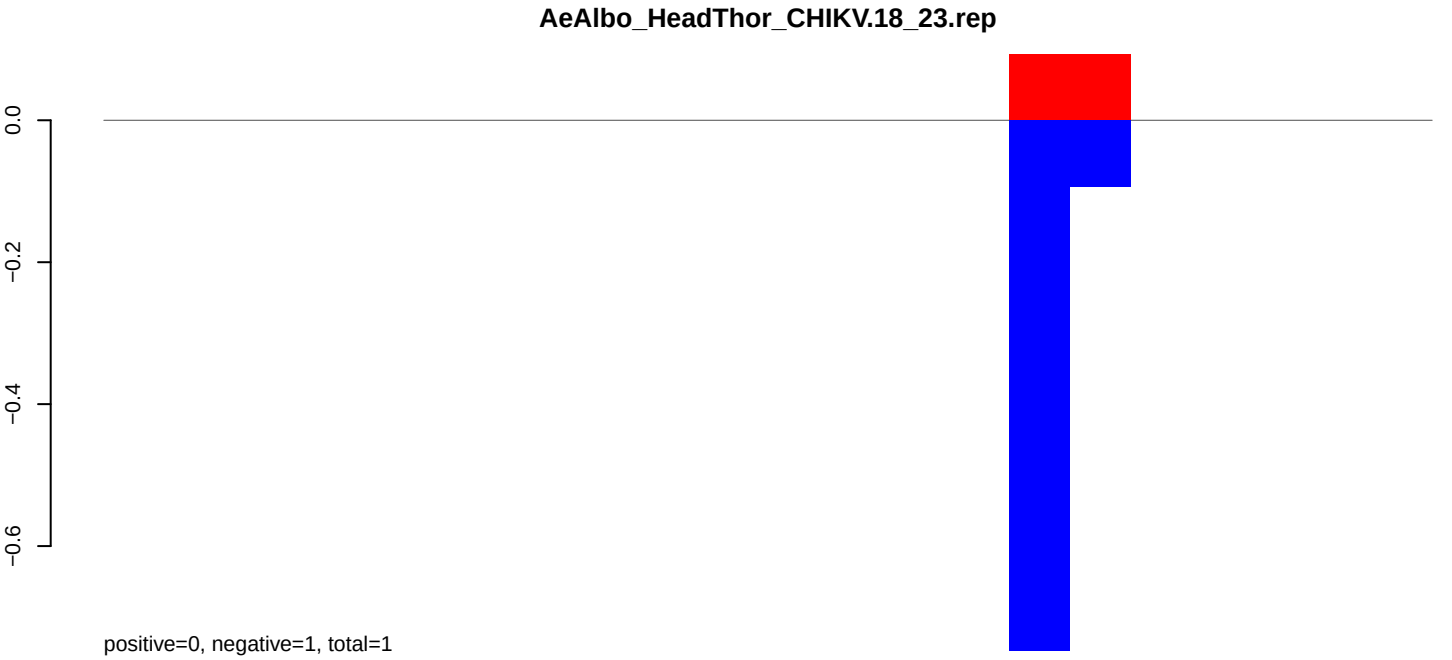

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1000, TE@ltr−1_family−298@LTR_Pao:1−1000
0
200
400
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=716, TE@ltr−1_family−2860@LTR_Gypsy:1−716
0
200
400
600

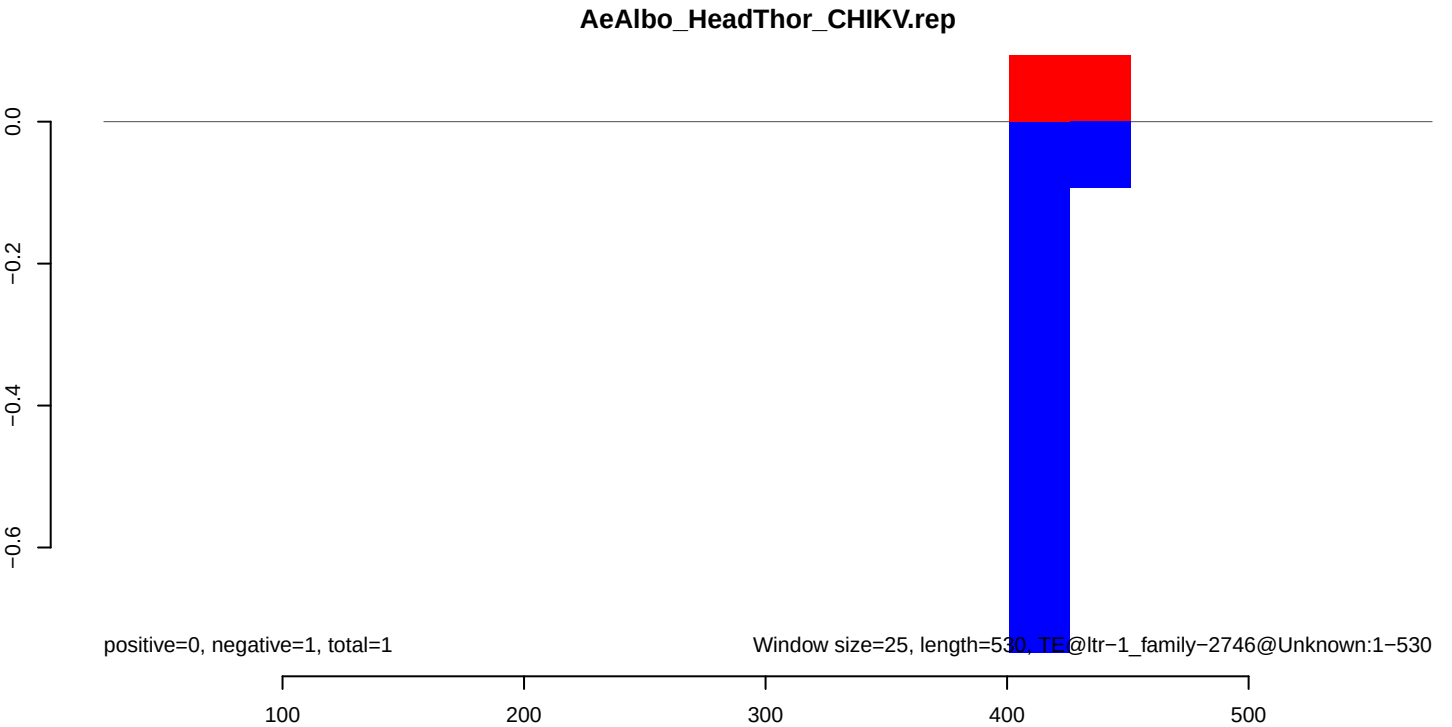

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=829, TE@ltr−1_family−2807@LTR_Pao:1−829
0
200
400
600
800

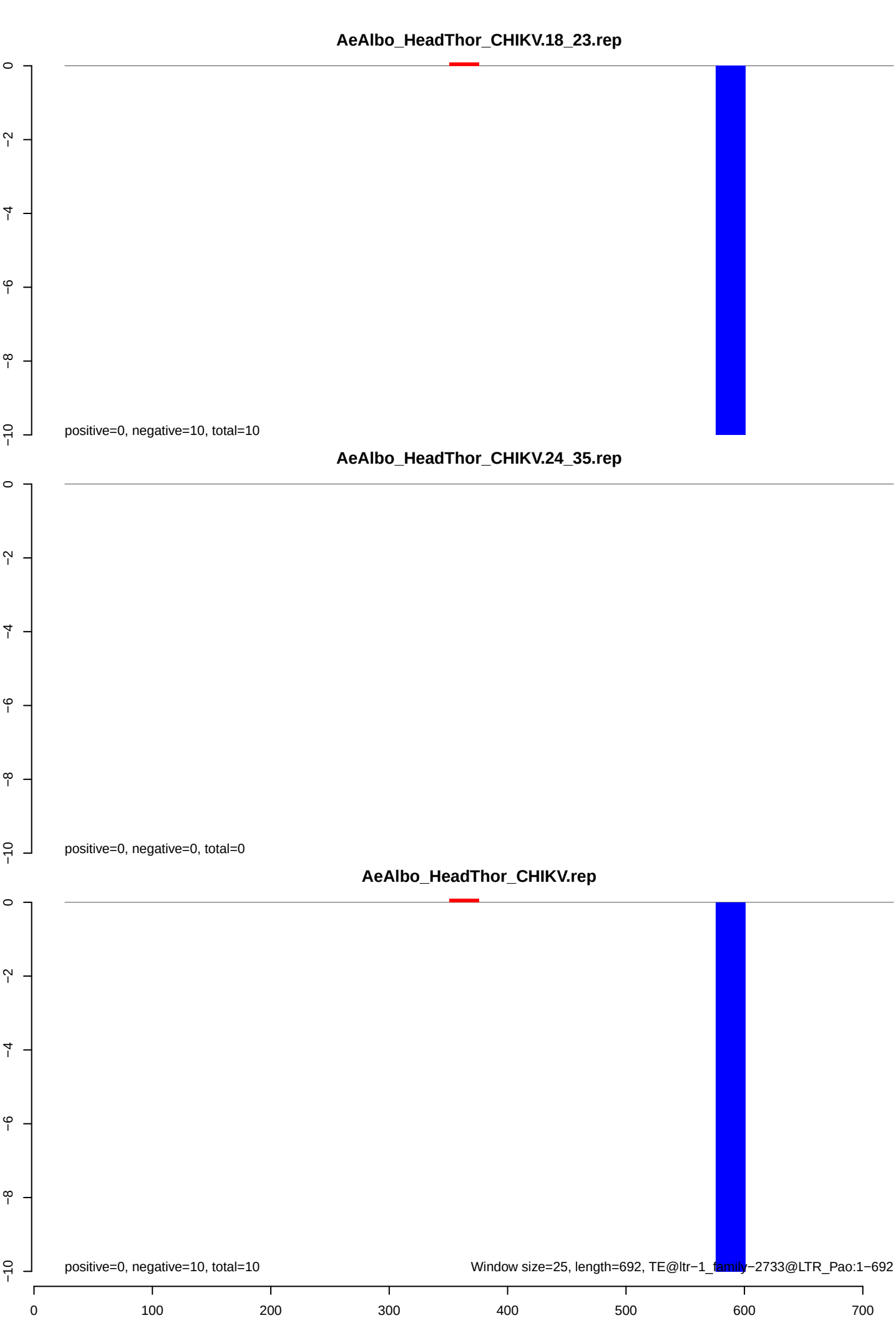

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=788, TE@ltr−1_family−2803@Unknown:1−788
0
200
400
600
800

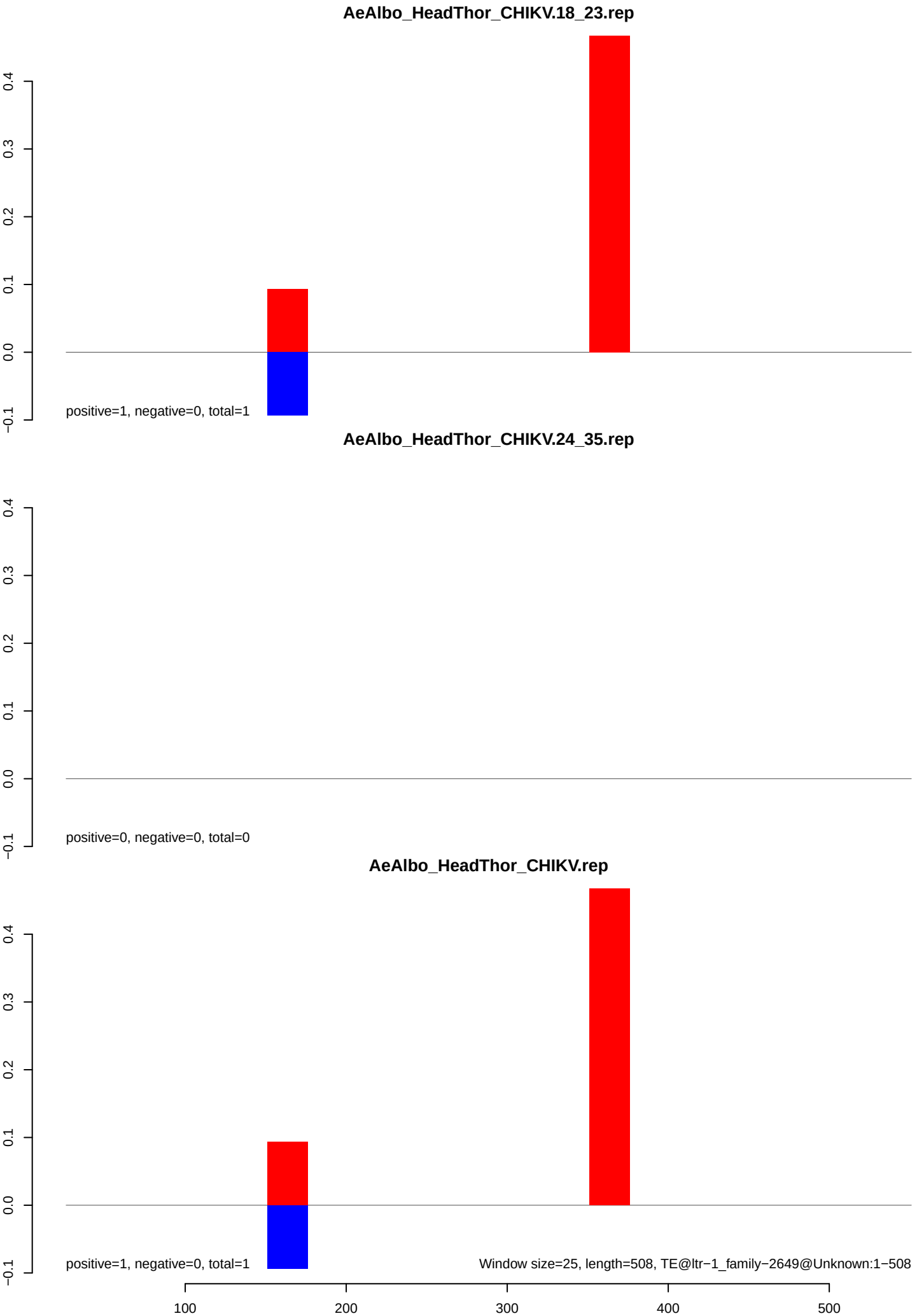

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=607, TE@ltr−1_family−2778@Unknown:1−607
100
200
300
400
500
600

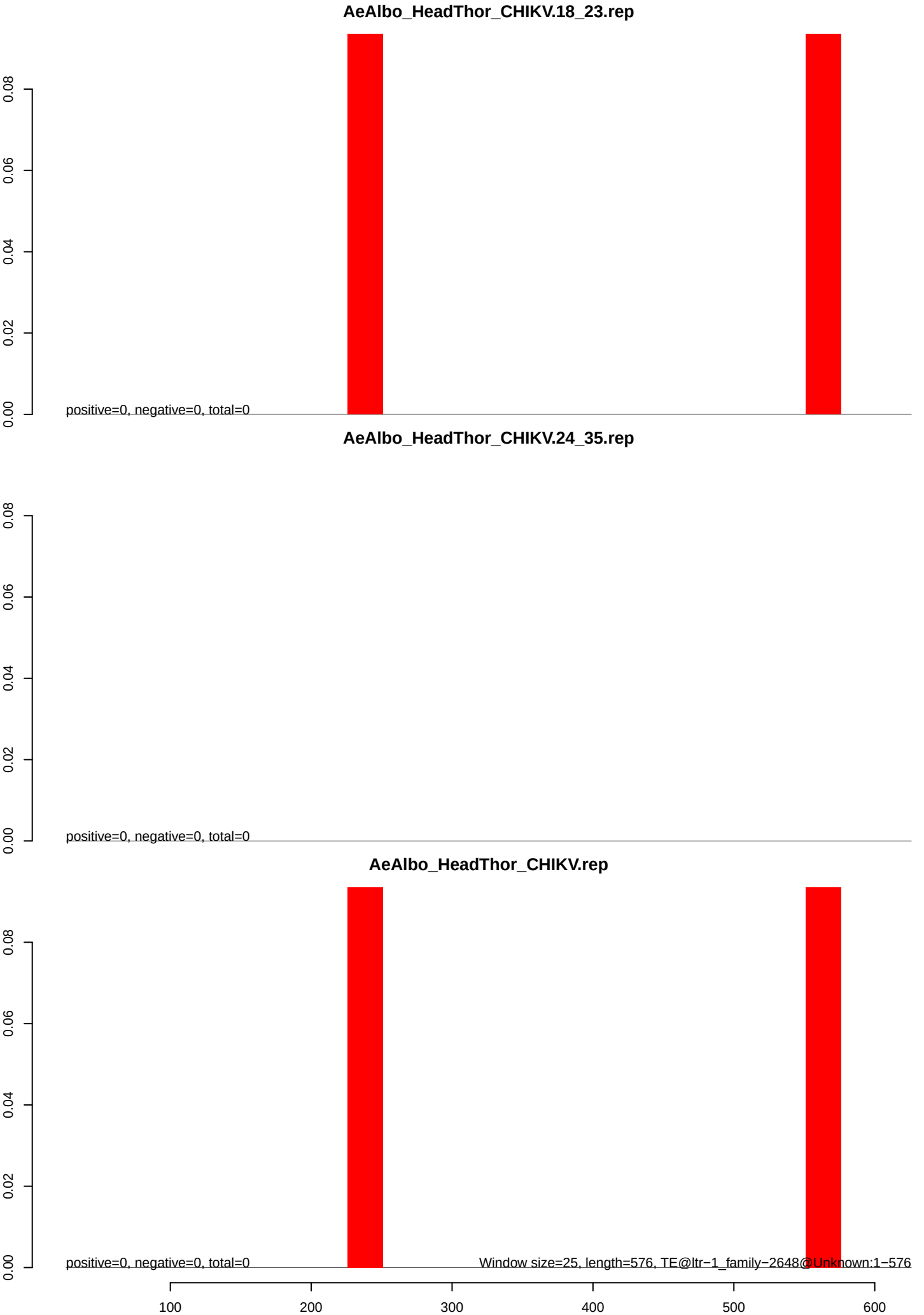

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1

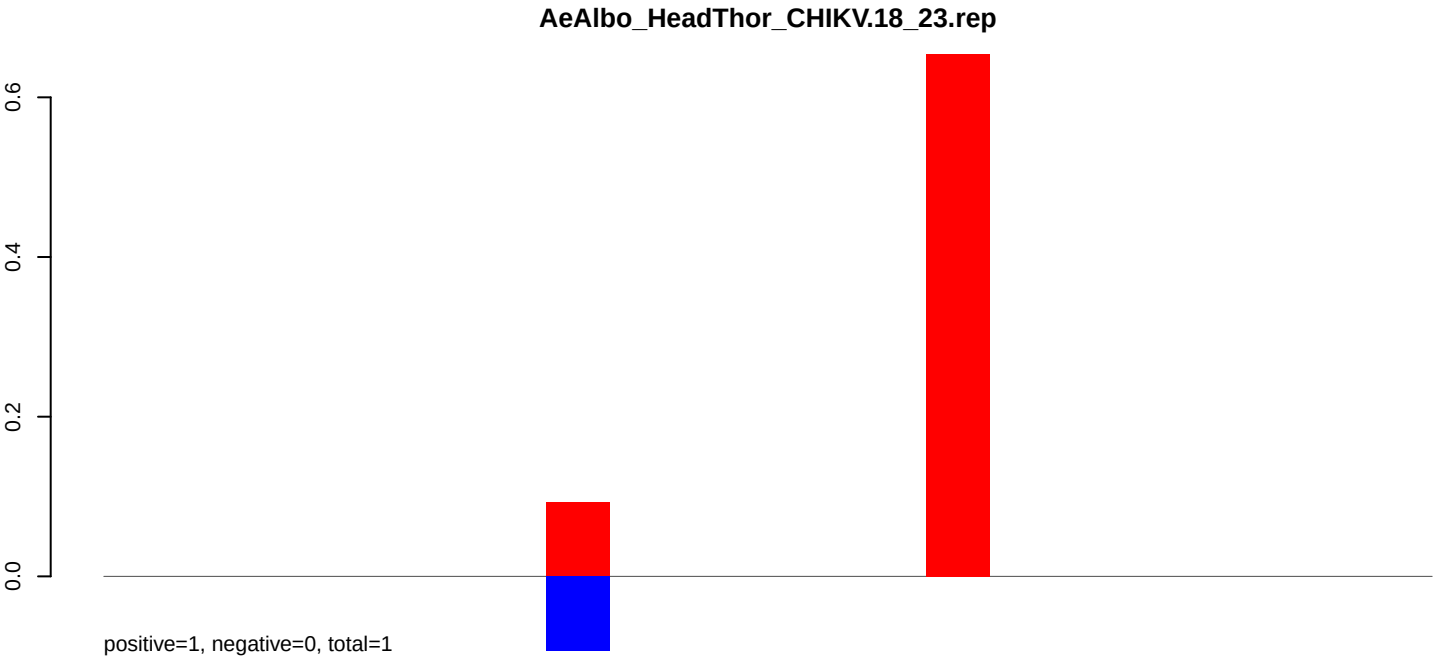
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0

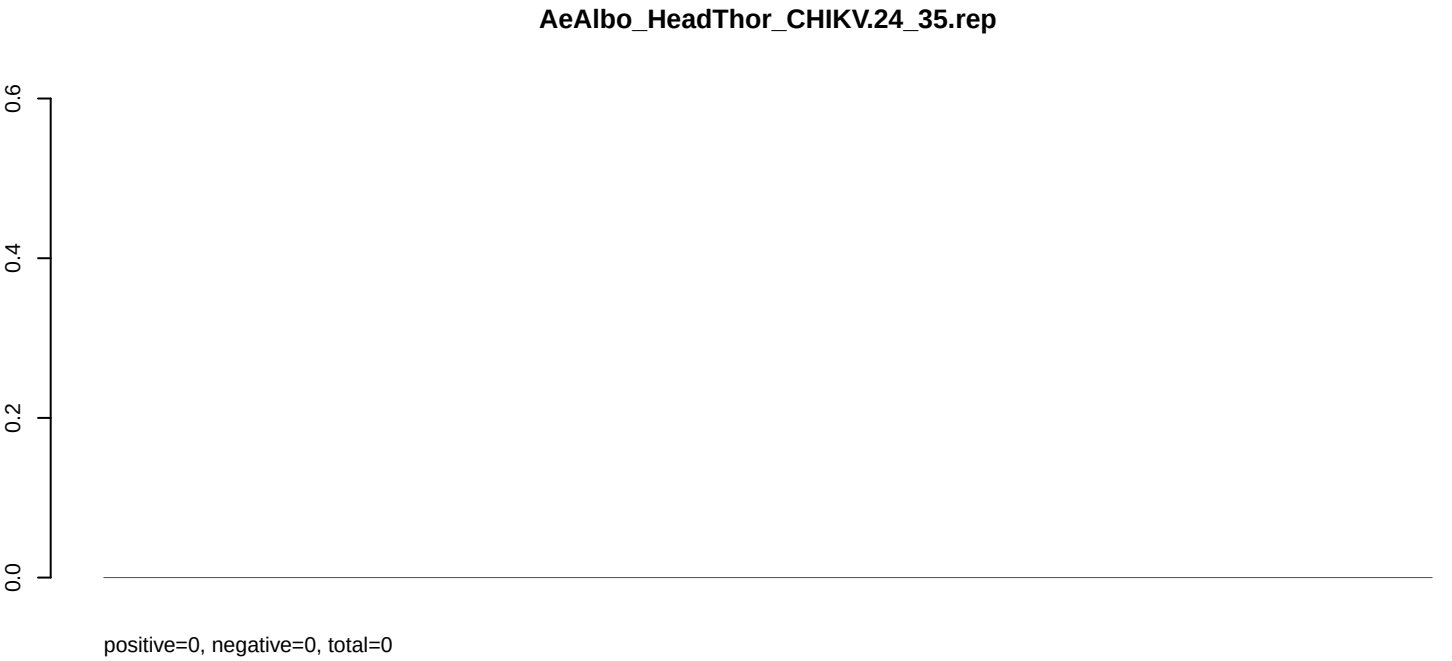

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=530, TE@ltr−1_family−2746@Unknown:1−530
100
200
300
400
500

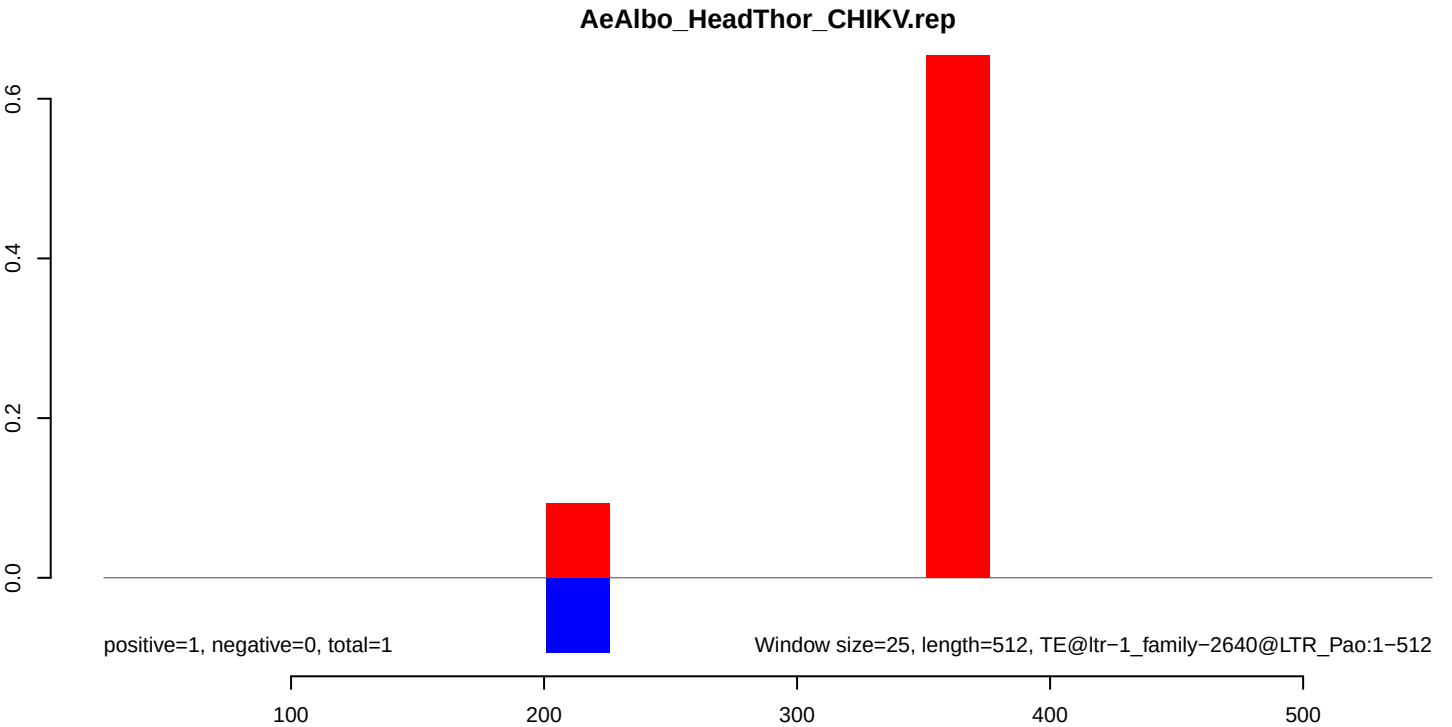

AeAlbo_HeadThor_CHIKV.18_23.rep
0
−2
−4
−6
−8
−10
positive=0, negative=10, total=10
AeAlbo_HeadThor_CHIKV.24_35.rep
0
−2
−4
−6
−8
−10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
−2
−4
−6
−8
−10
positive=0, negative=10, total=10
Window size=25, length=692, TE@ltr−1_family−2733@LTR_Pao:1−692
0
100
200
300
400
500
600
700

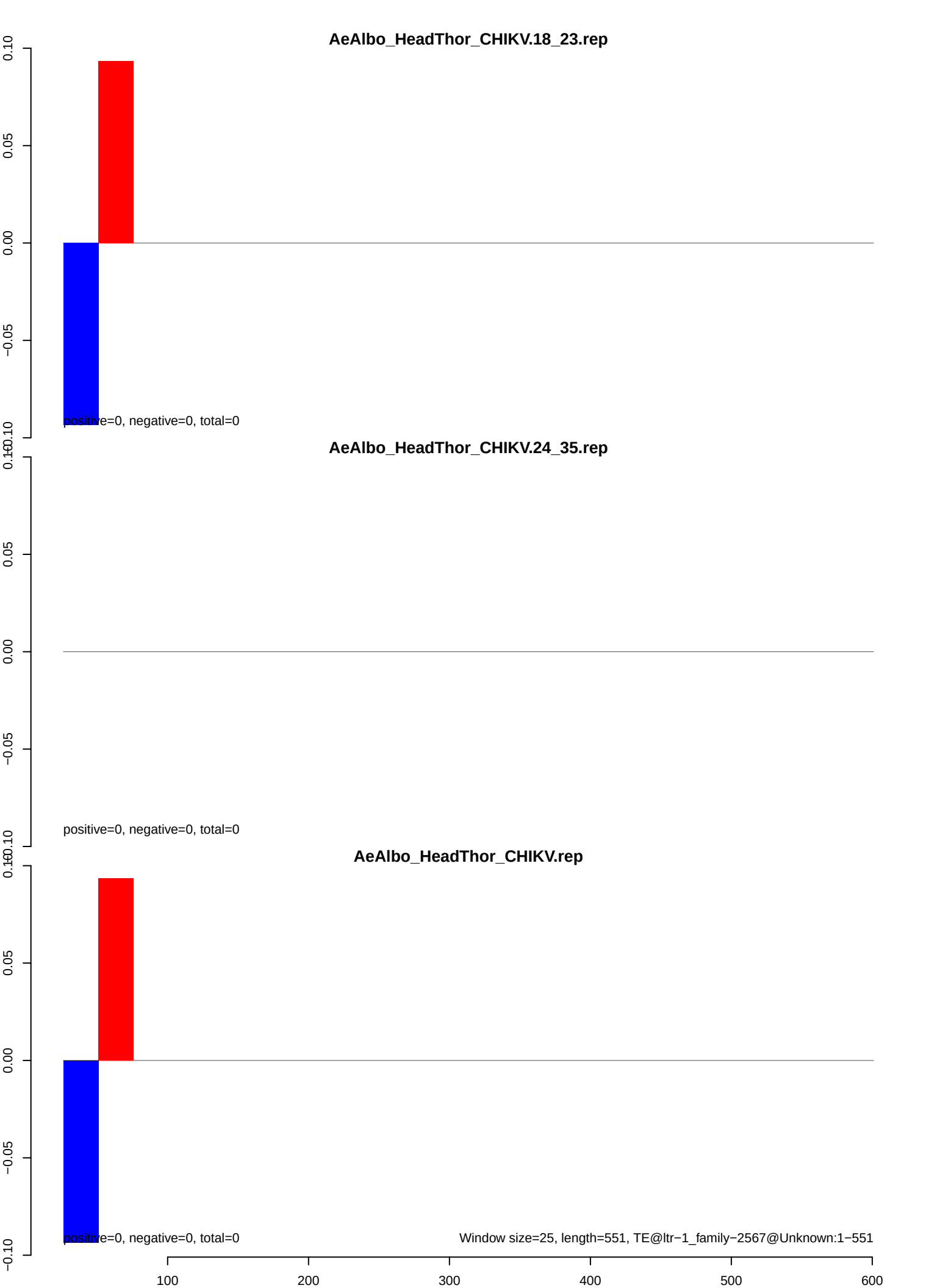

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=508, TE@ltr−1_family−2649@Unknown:1−508
100
200
300
400
500

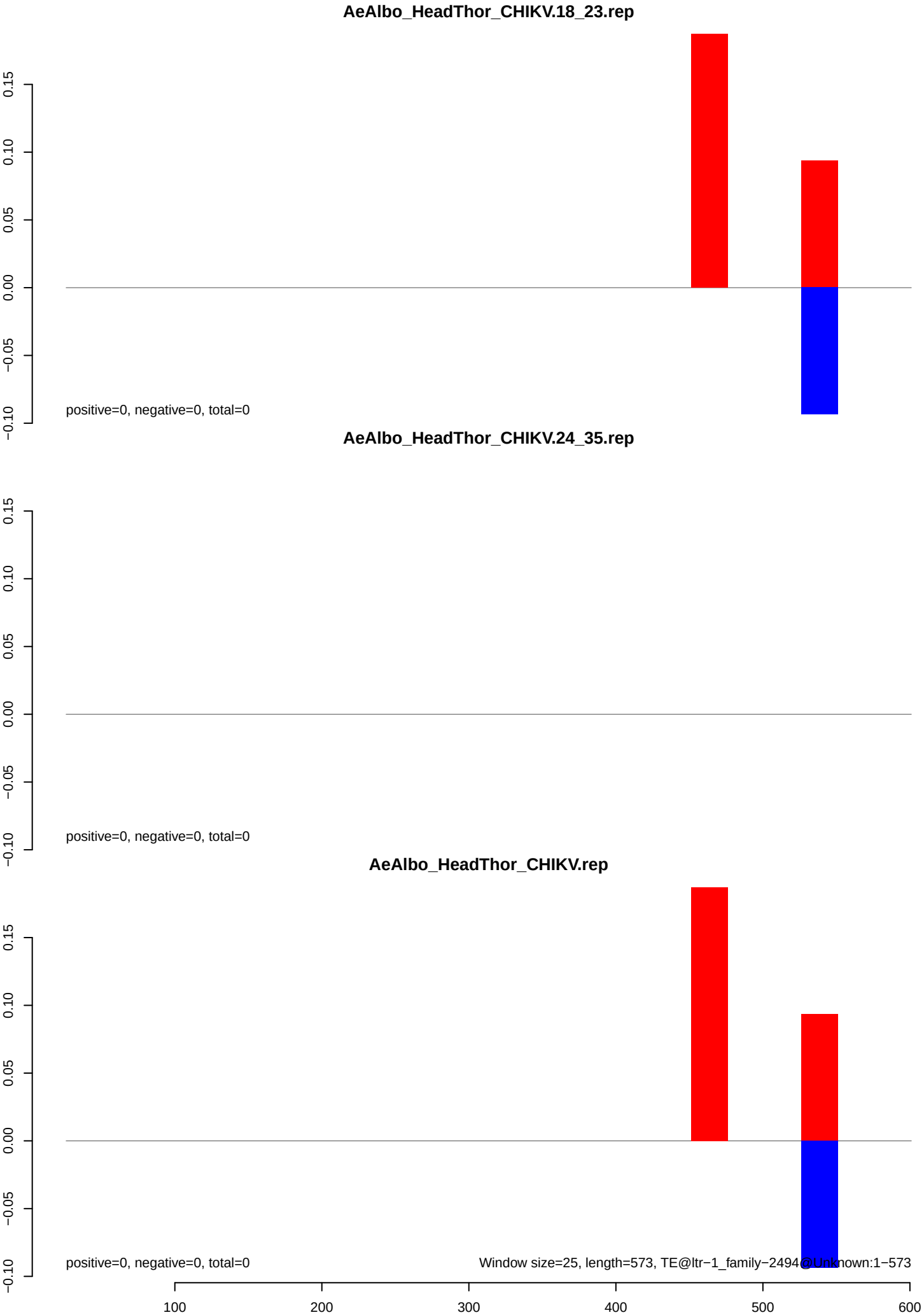

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=576, TE@ltr−1_family−2648@Unknown:1−576
100
200
300
400
500
600

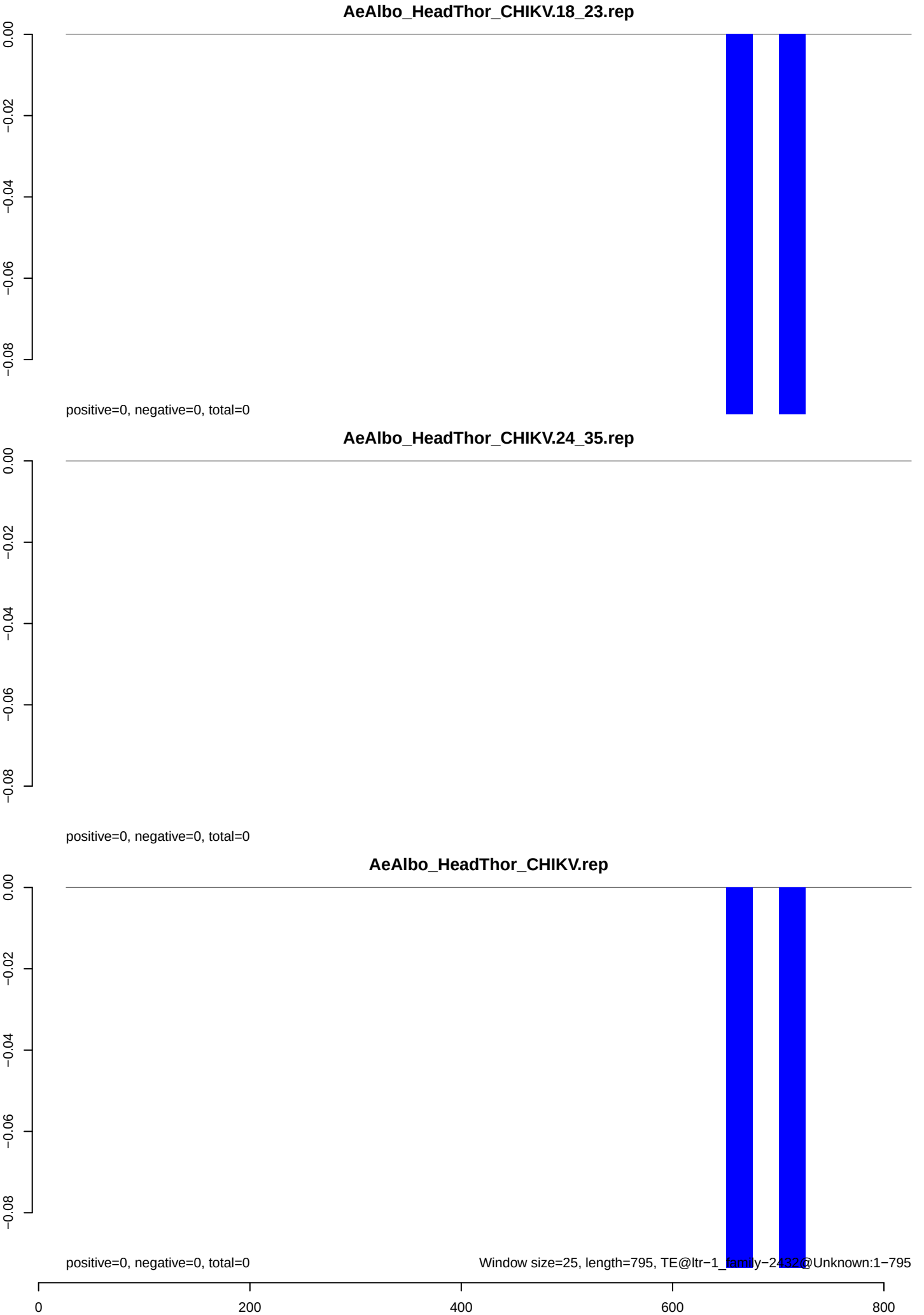

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1

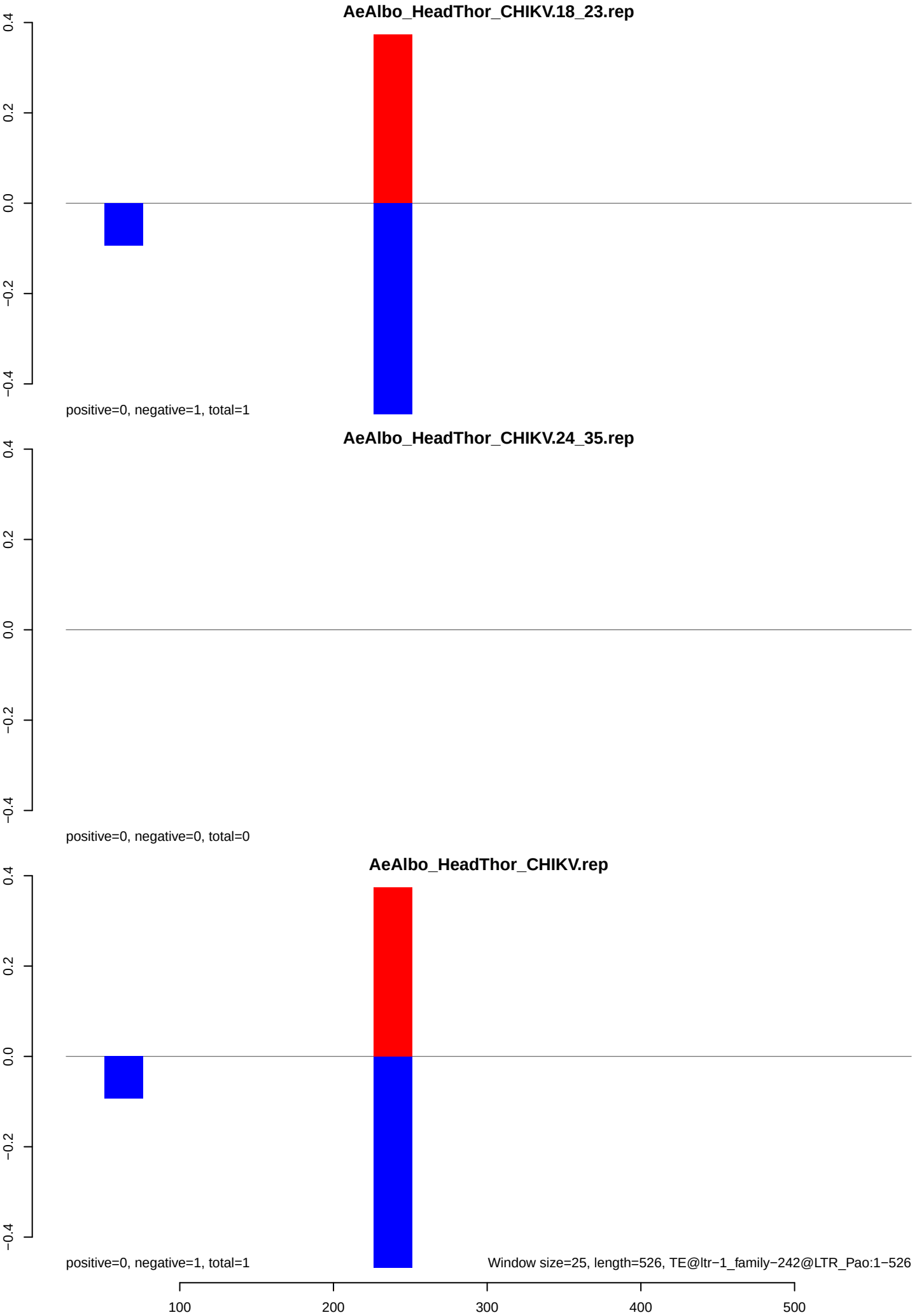

AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0

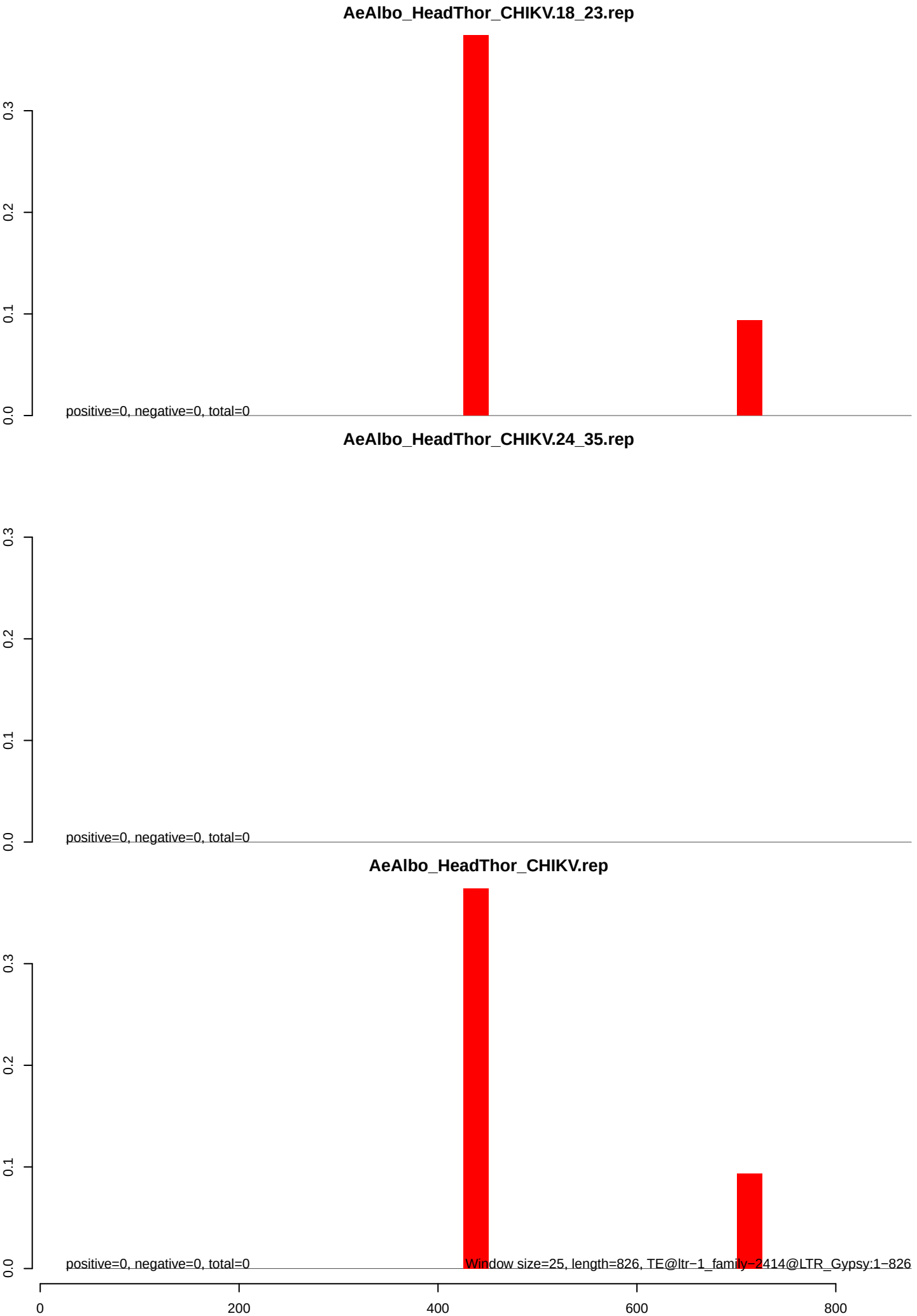

AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=512, TE@ltr−1_family−2640@LTR_Pao:1−512
100
200
300
400
500

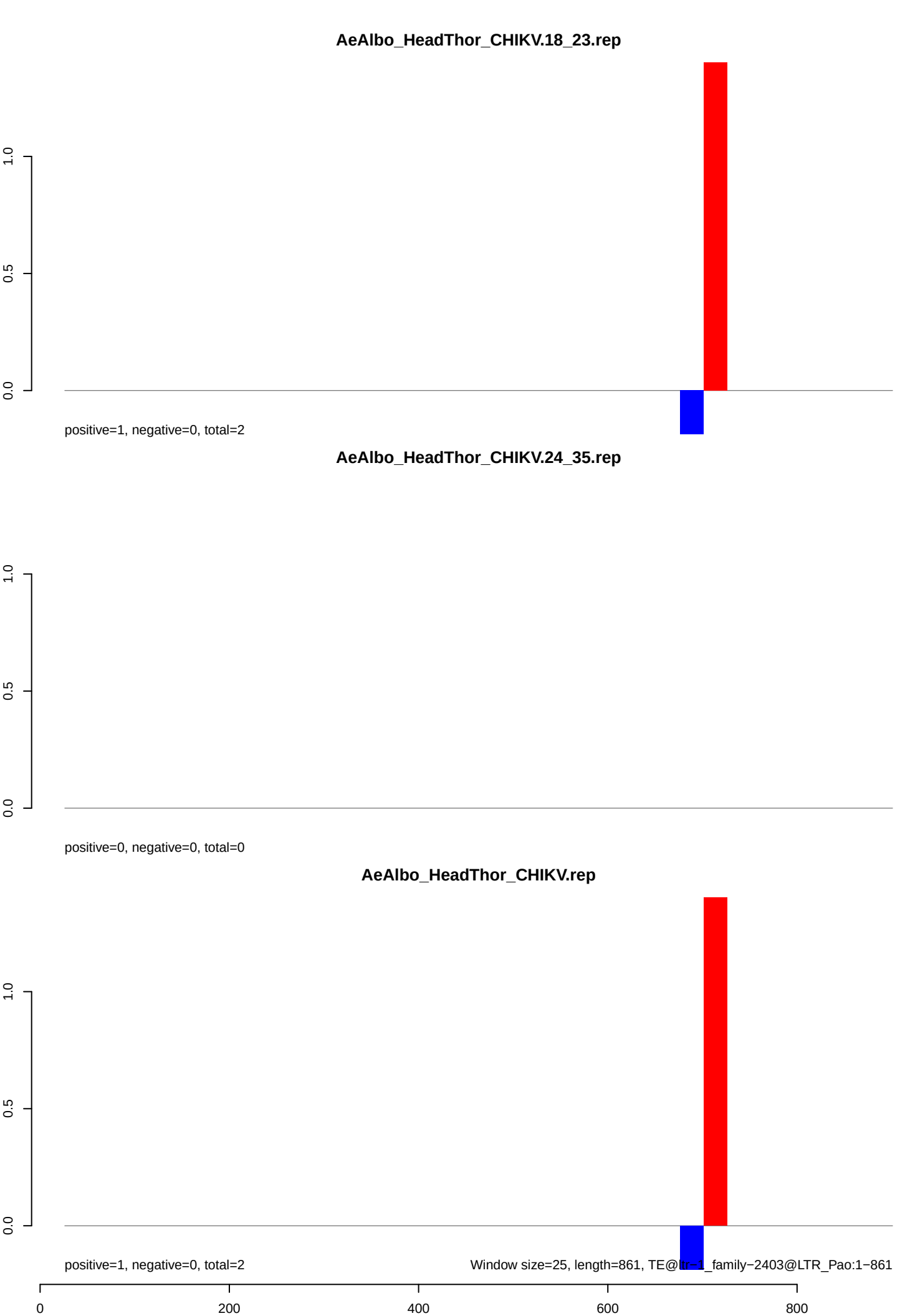

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=551, TE@ltr−1_family−2567@Unknown:1−551
100
200
300
400
500
600

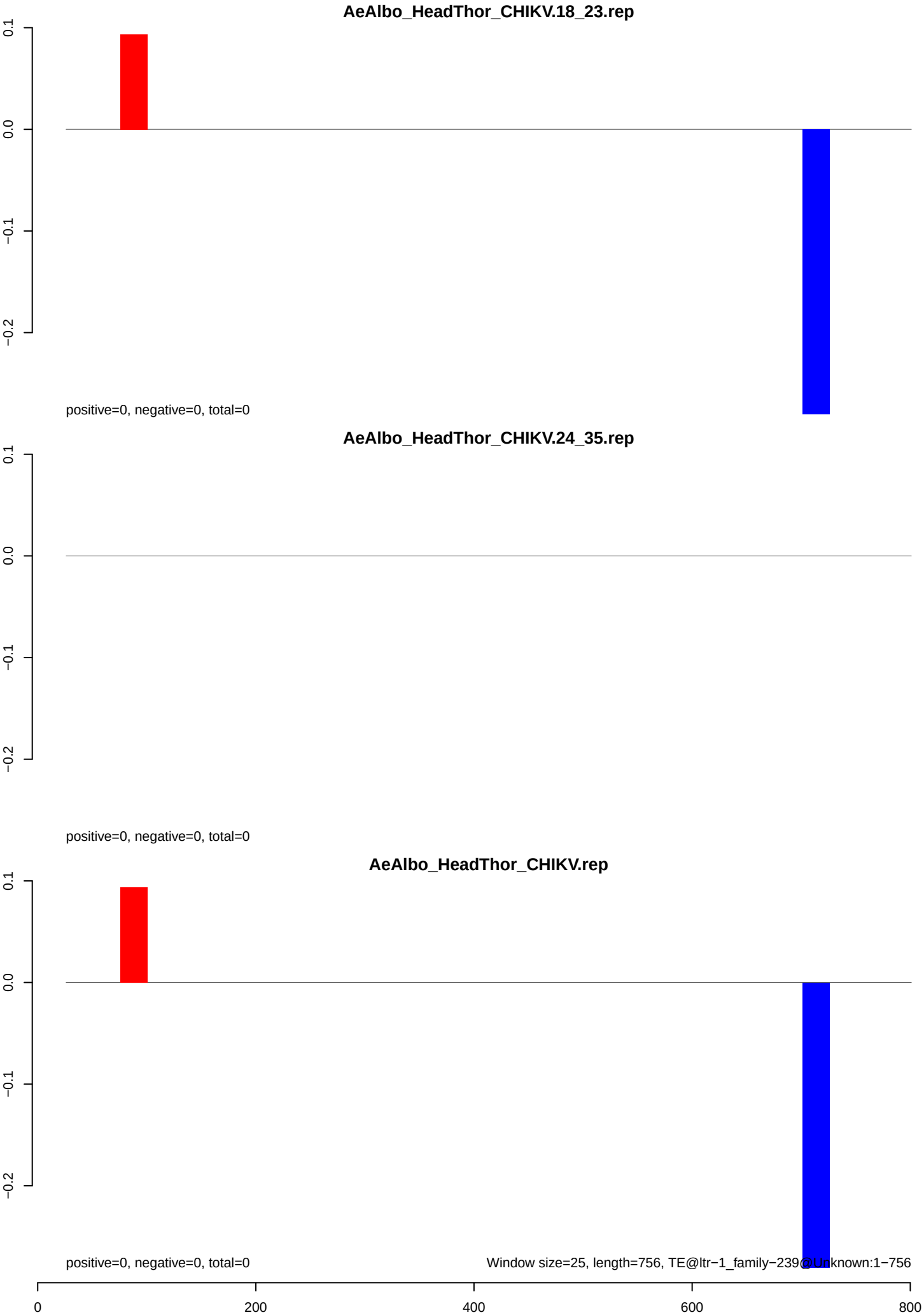

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=573, TE@ltr−1_family−2494@Unknown:1−573
100
200
300
400
500
600

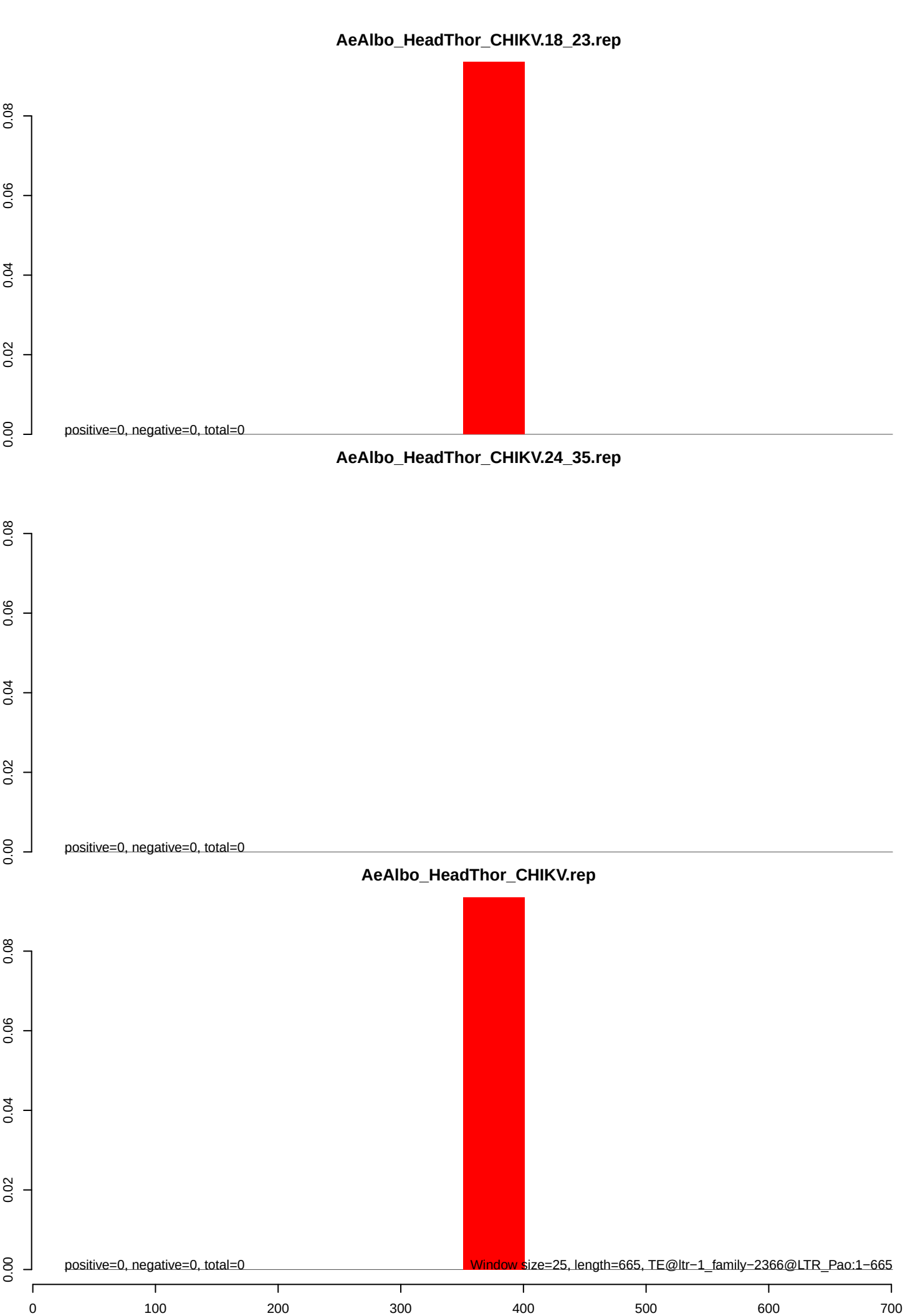

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=795, TE@ltr−1_family−2432@Unknown:1−795
0
200
400
600
800

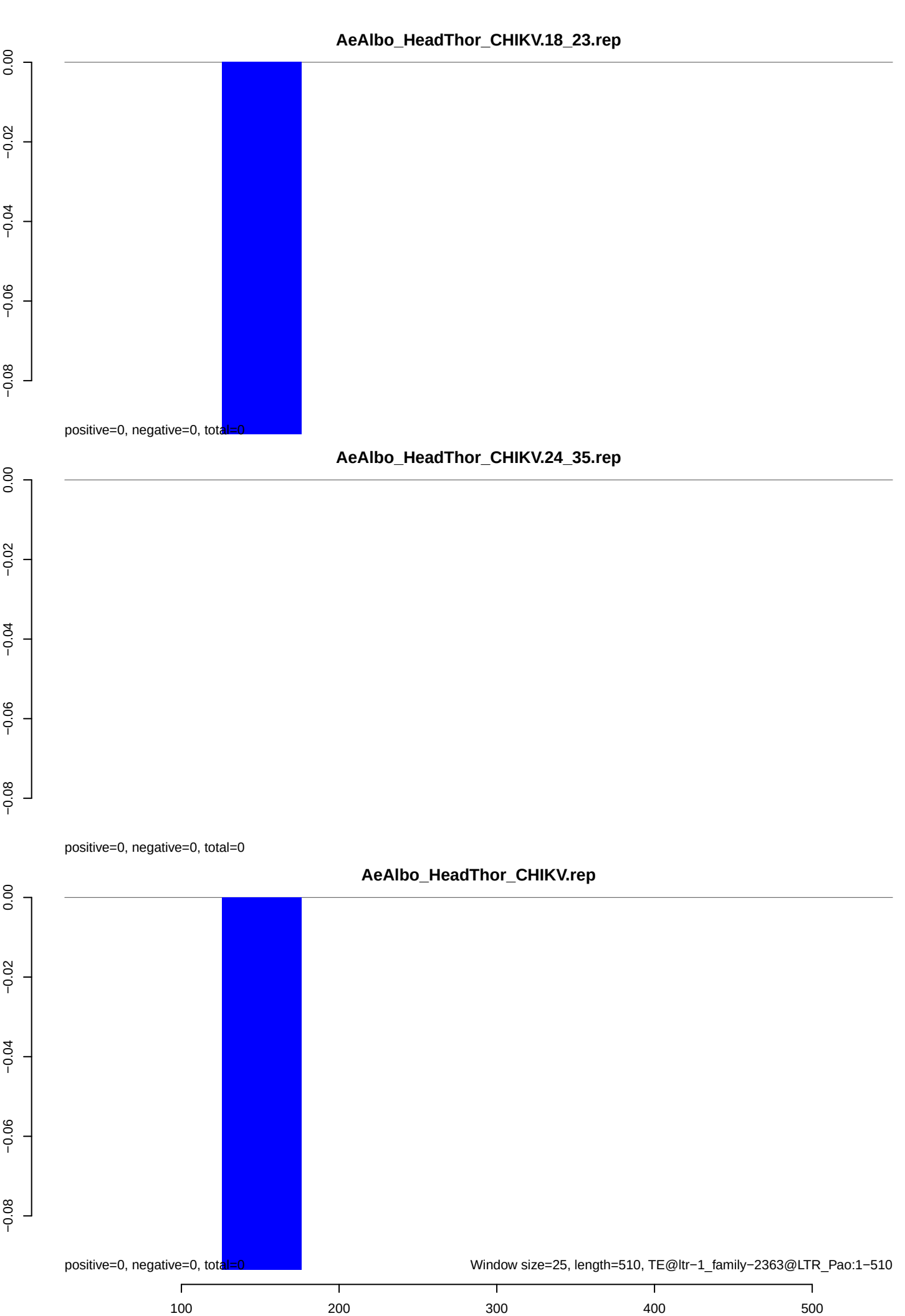

AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.2
0.0
−0.2
−0.4
positive=0, negative=1, total=1
Window size=25, length=526, TE@ltr−1_family−242@LTR_Pao:1−526
100
200
300
400
500

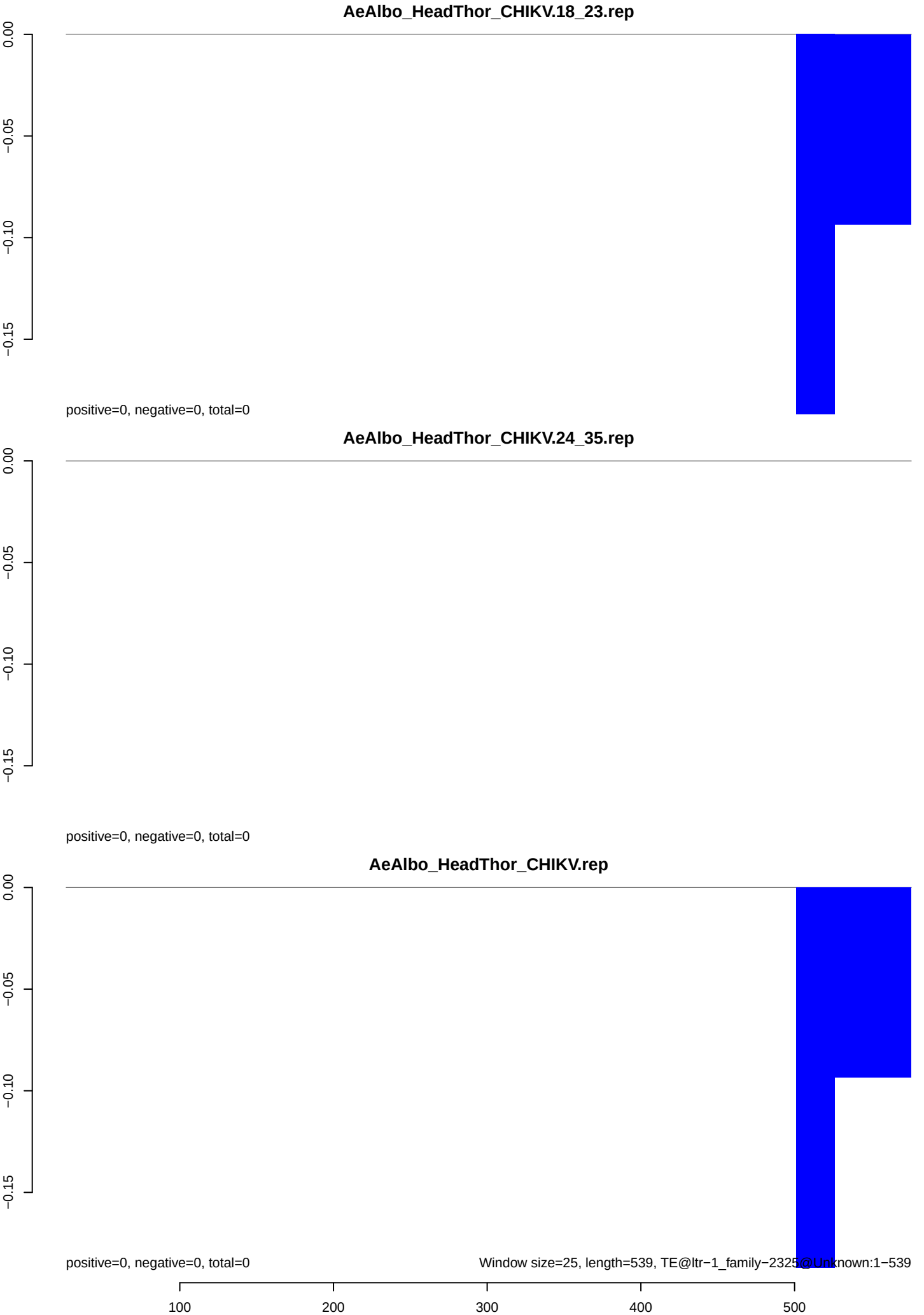

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
positive=0, negative=0, total=0
Window size=25, length=826, TE@ltr−1_family−2414@LTR_Gypsy:1−826
0
200
400
600
800

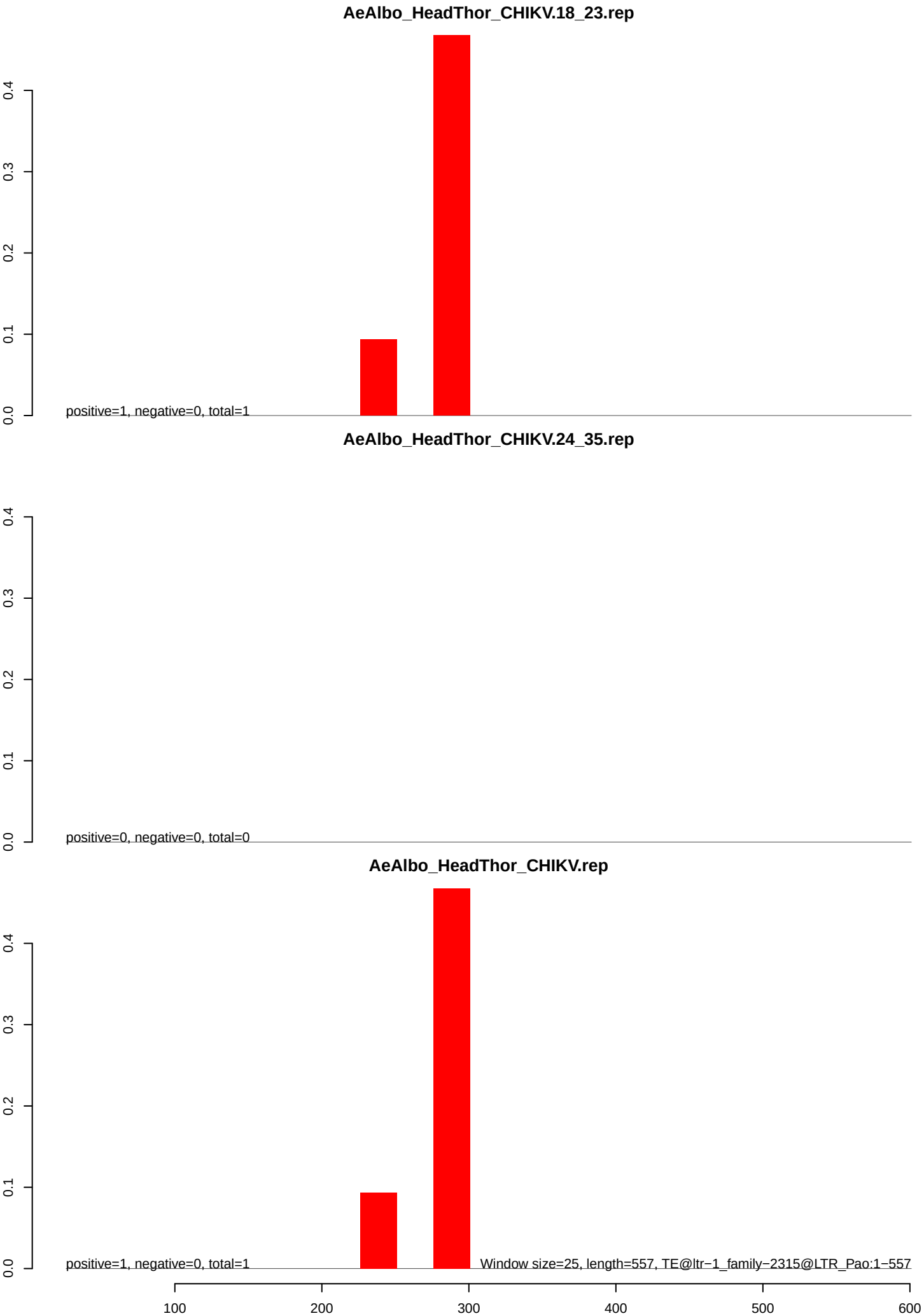

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=1, negative=0, total=2
Window size=25, length=861, TE@tr−1_family−2403@LTR_Pao:1−861
0
200
400
600
800

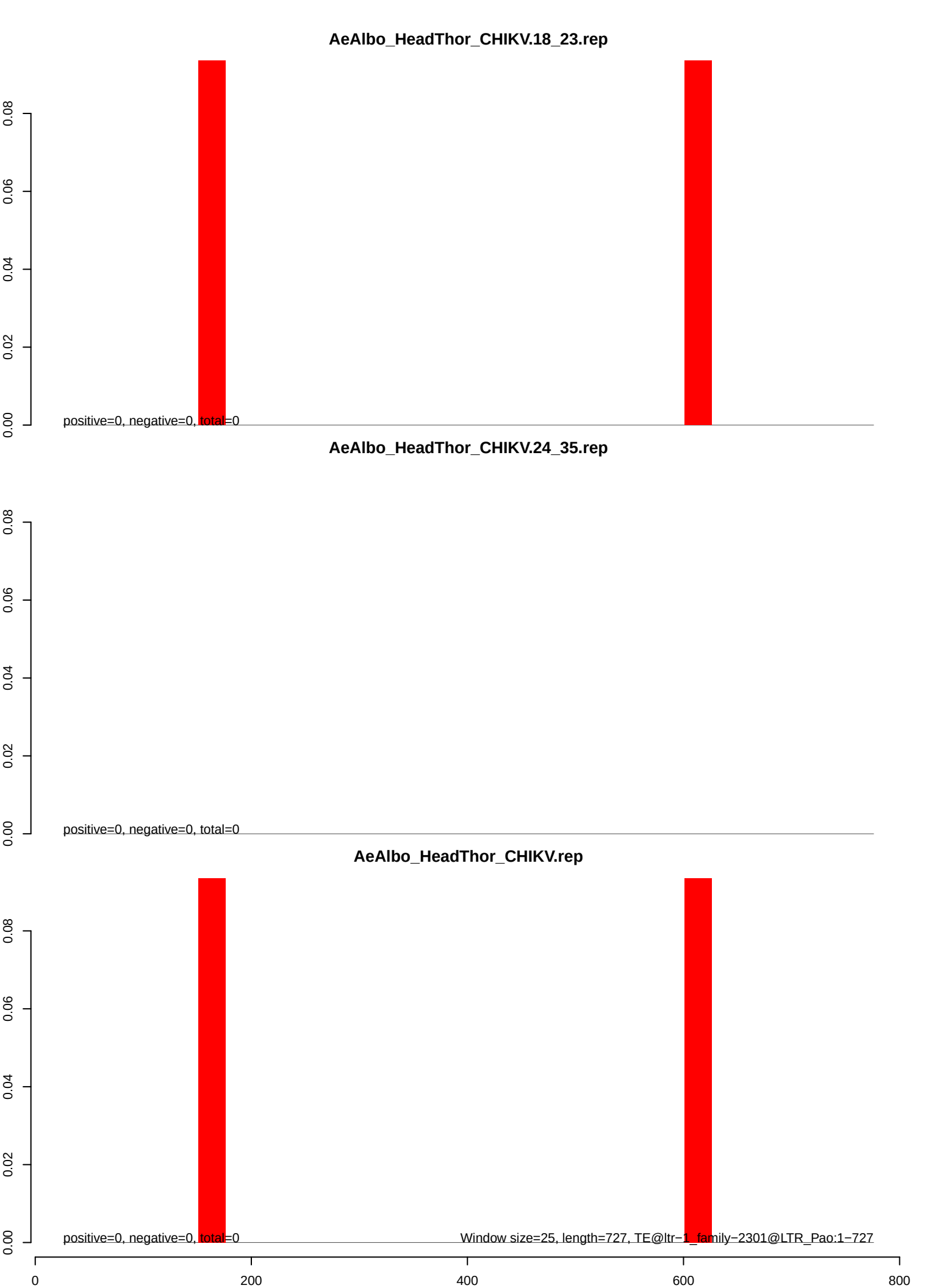

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
Window size=25, length=756, TE@ltr−1_family−239@Unknown:1−756
0
200
400
600
800

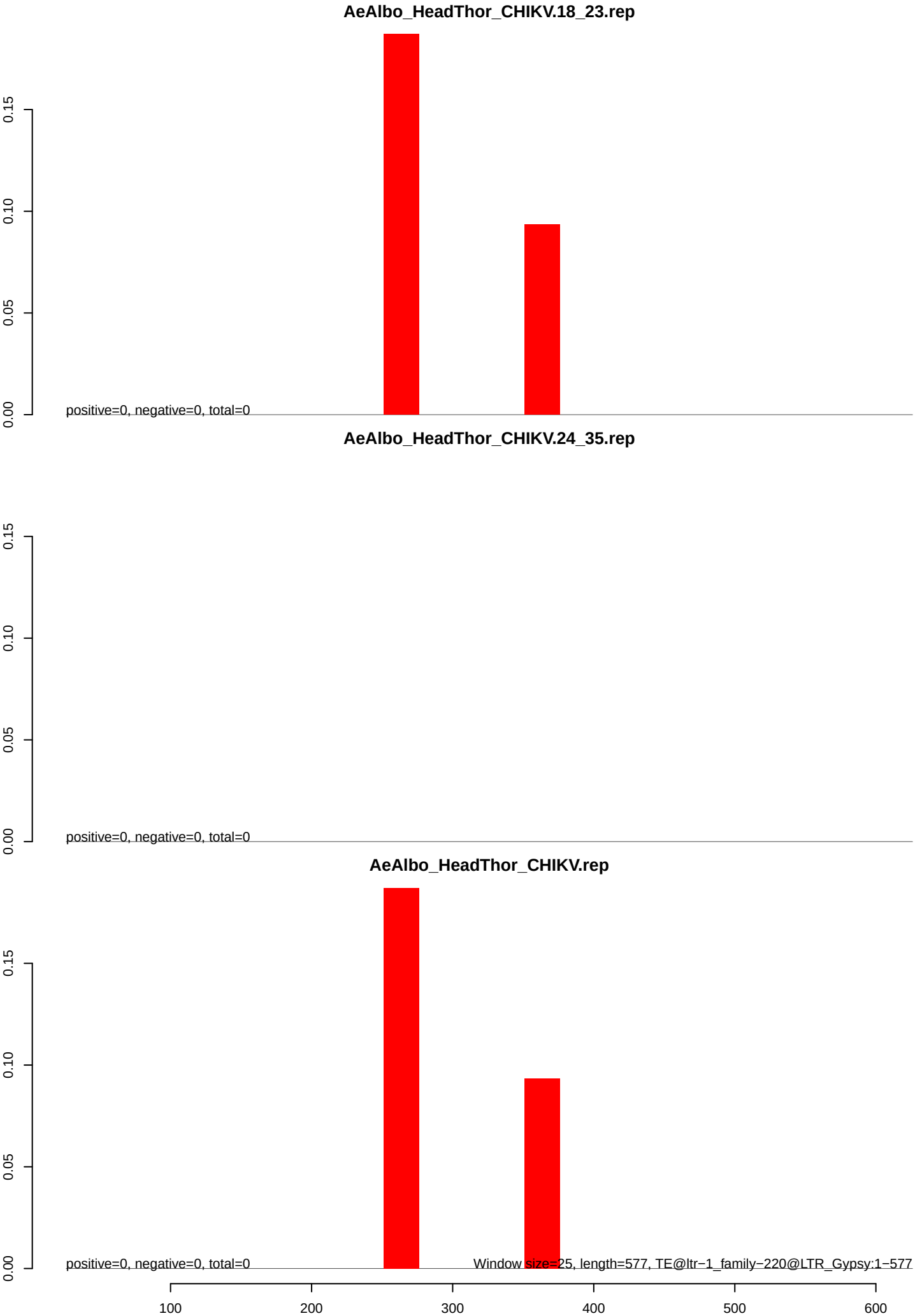

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=665, TE@ltr−1_family−2366@LTR_Pao:1−665
0
100
200
300
400
500
600
700

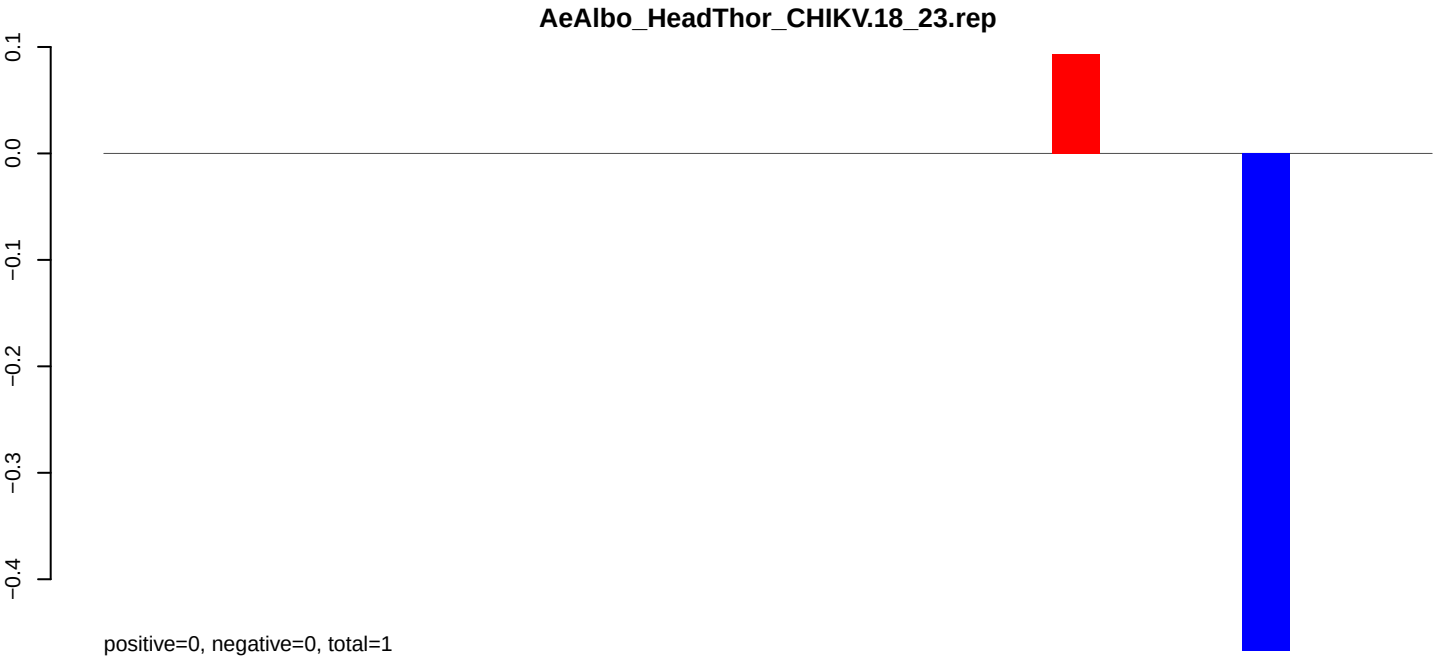

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=510, TE@ltr−1_family−2363@LTR_Pao:1−510
100
200
300
400
500

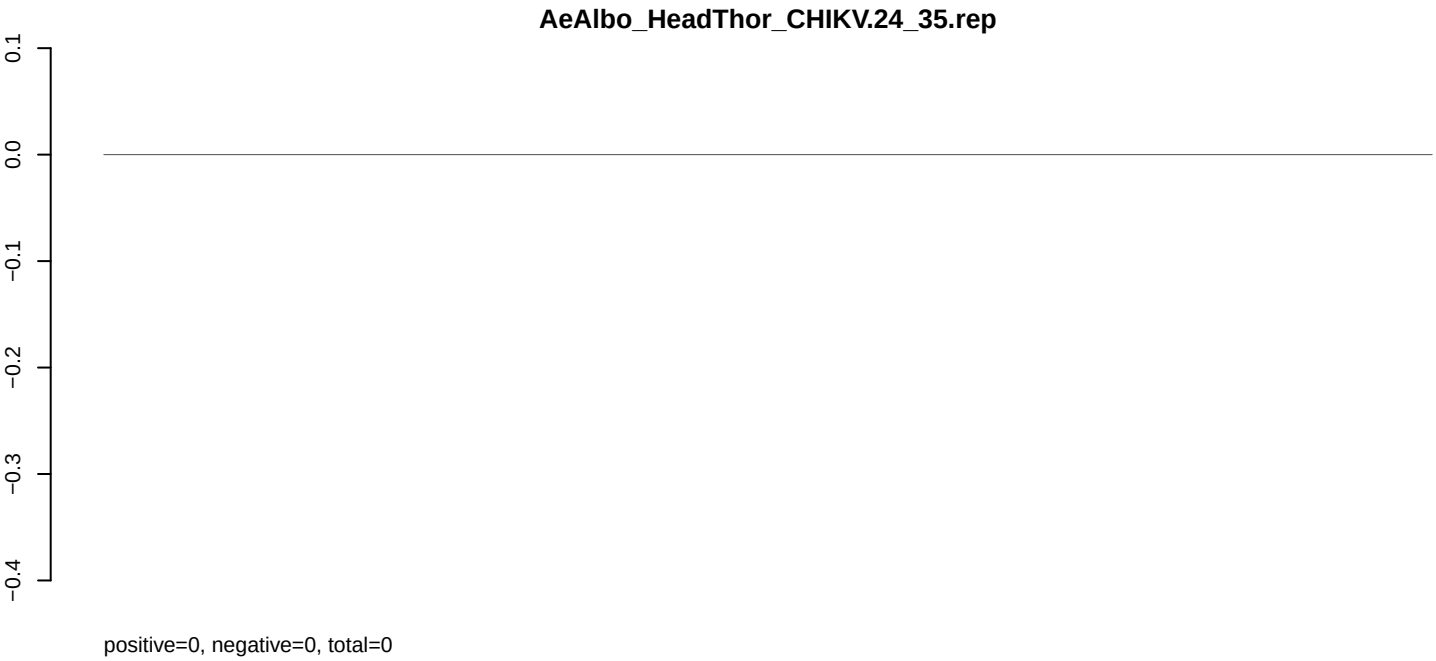

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=539, TE@ltr−1_family−2325@Unknown:1−539
100
200
300
400
500

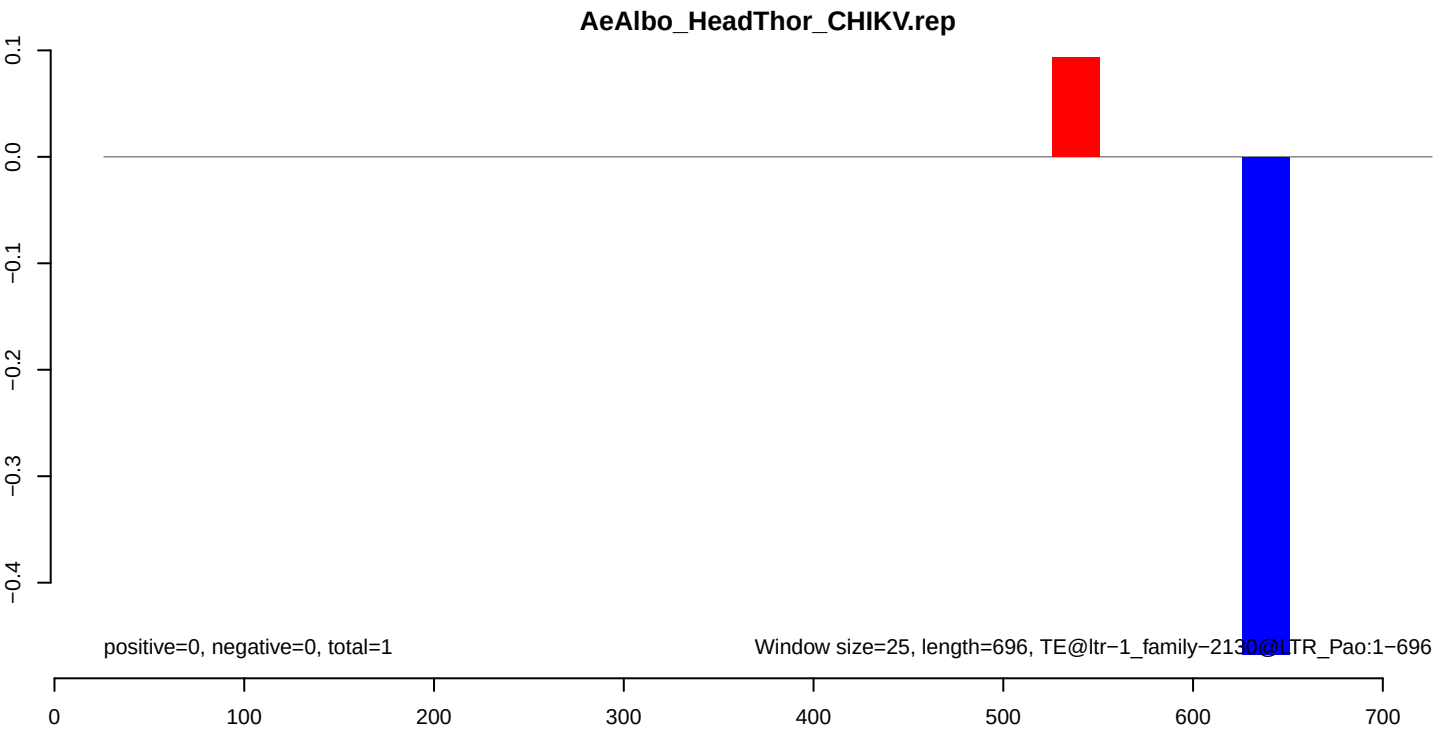

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
positive=1, negative=0, total=1
Window size=25, length=557, TE@ltr−1_family−2315@LTR_Pao:1−557
100
200
300
400
500
600

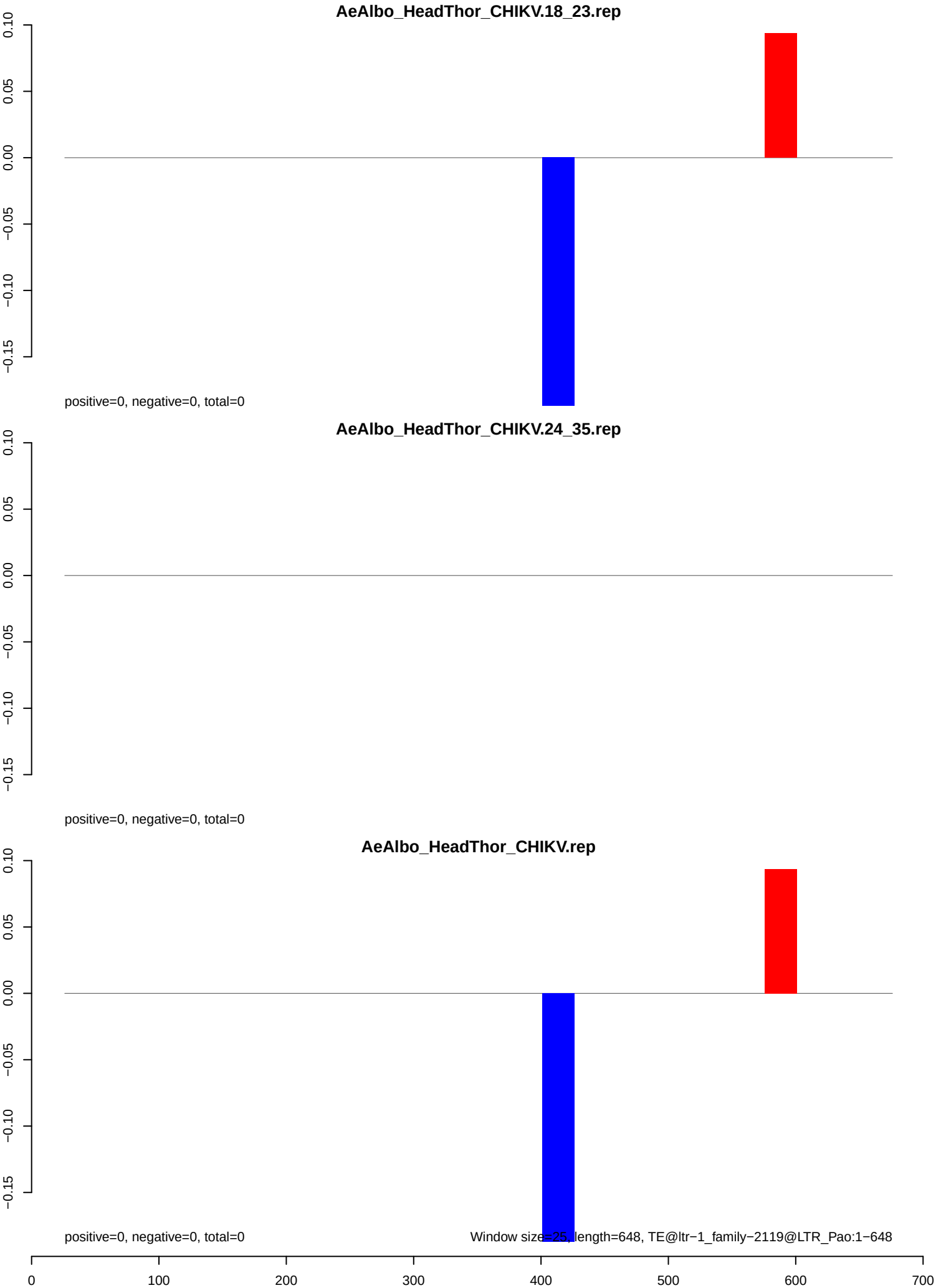

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=727, TE@ltr−1_family−2301@LTR_Pao:1−727
0
200
400
600
800

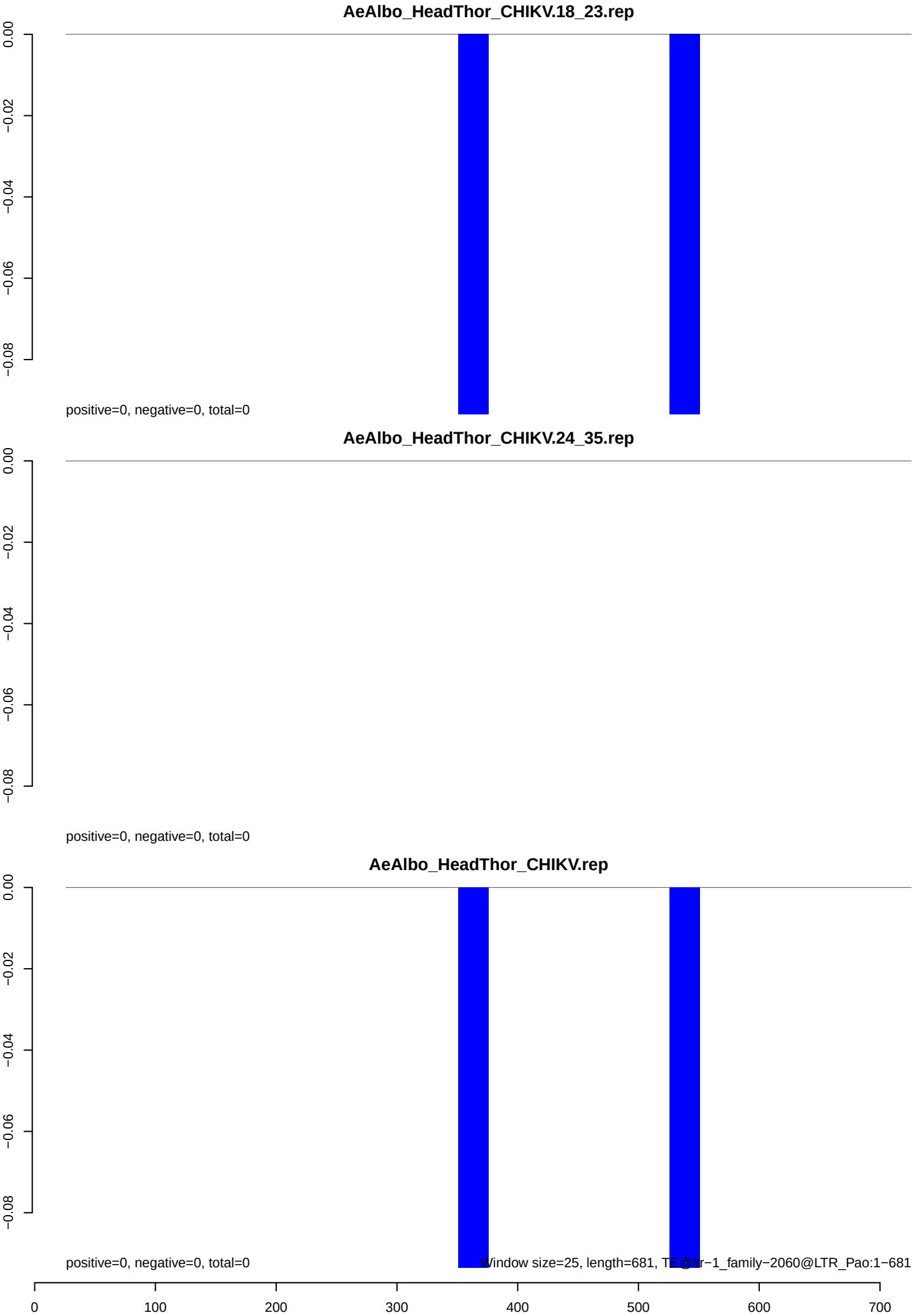

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=577, TE@ltr−1_family−220@LTR_Gypsy:1−577
100
200
300
400
500
600

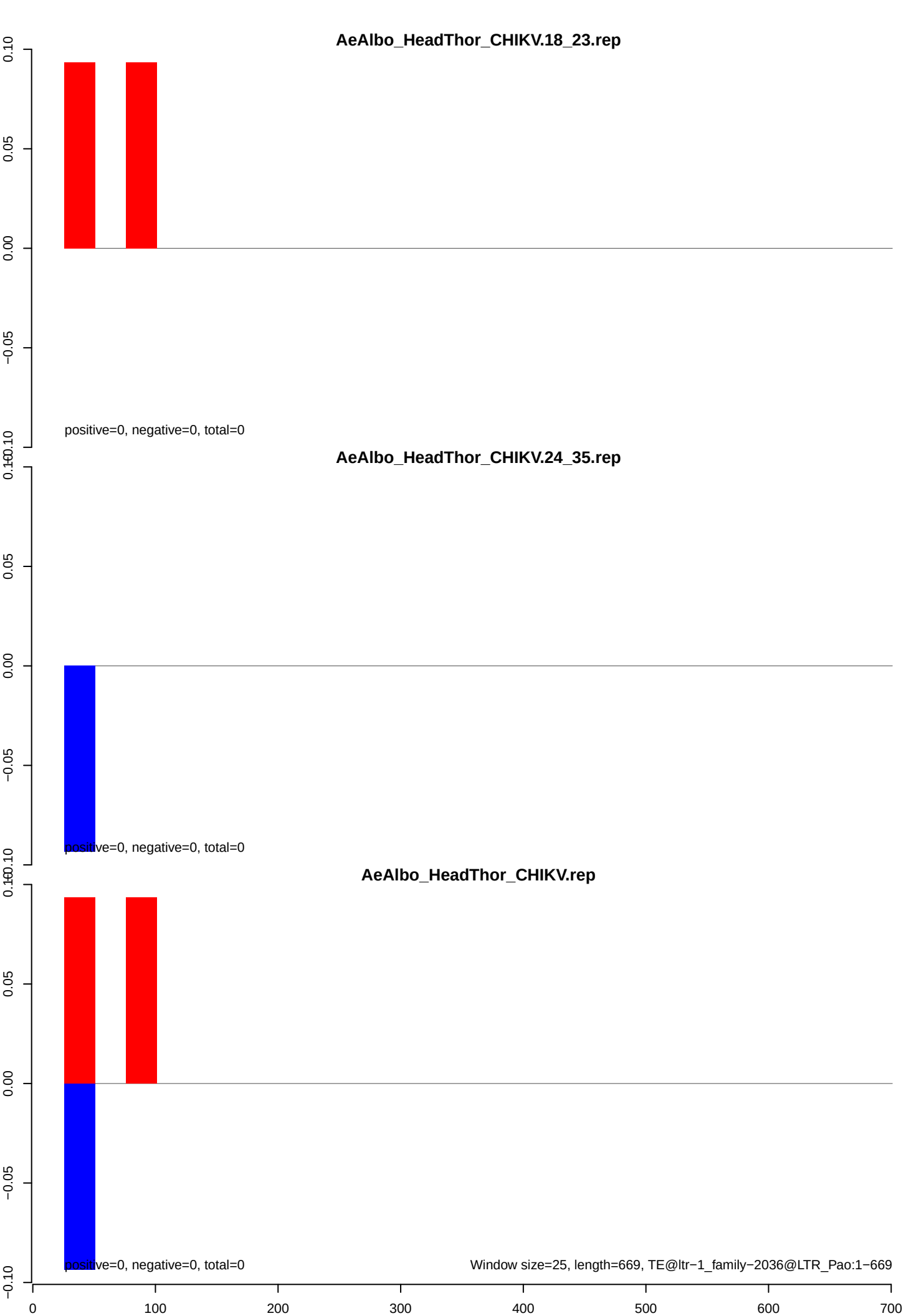

AeAlbo_HeadThor_CHIKV.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=1

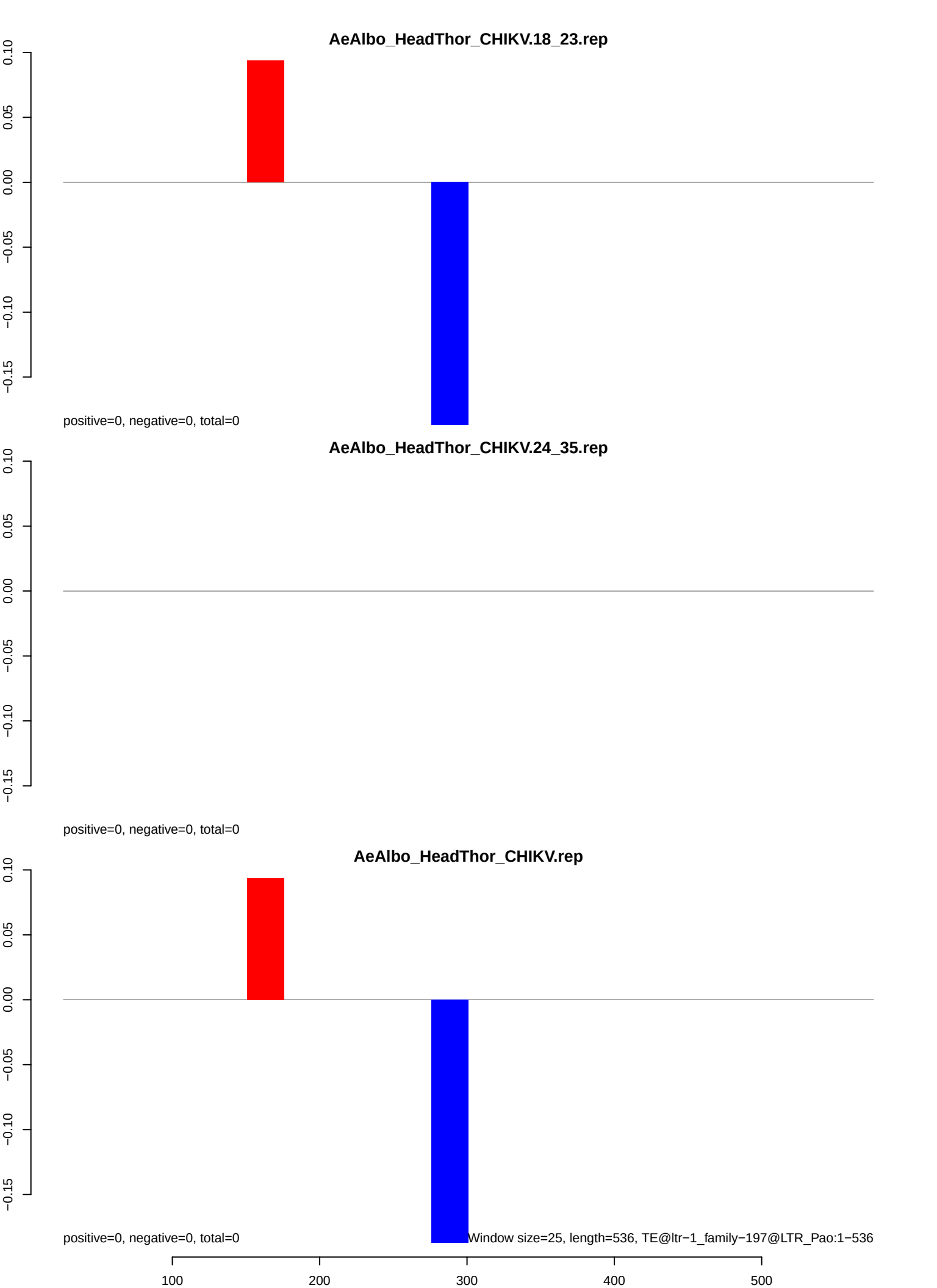

AeAlbo_HeadThor_CHIKV.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

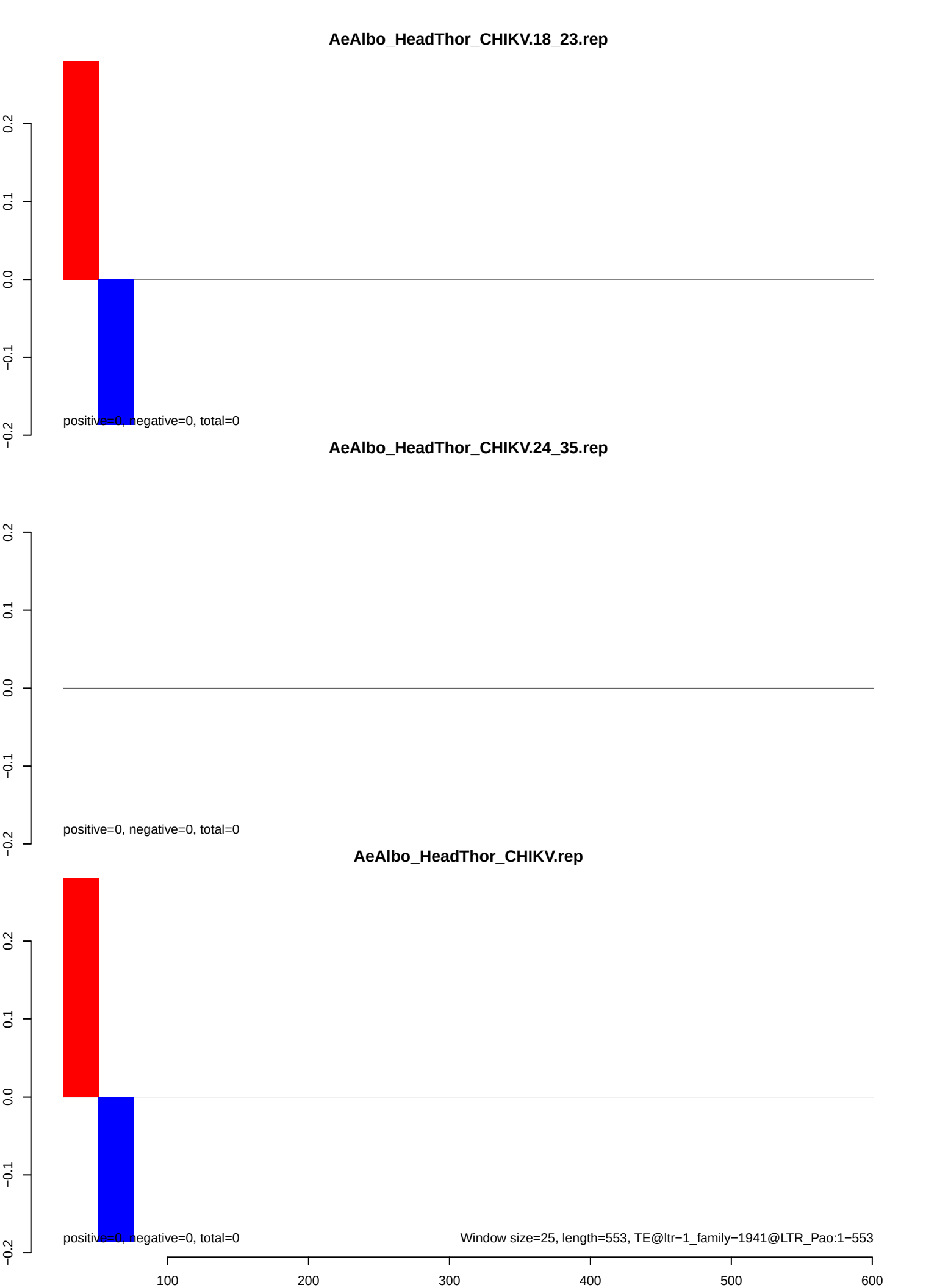

AeAlbo_HeadThor_CHIKV.rep
0.1
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=1
Window size=25, length=696, TE@ltr−1_family−2130@LTR_Pao:1−696
0
100
200
300
400
500
600
700

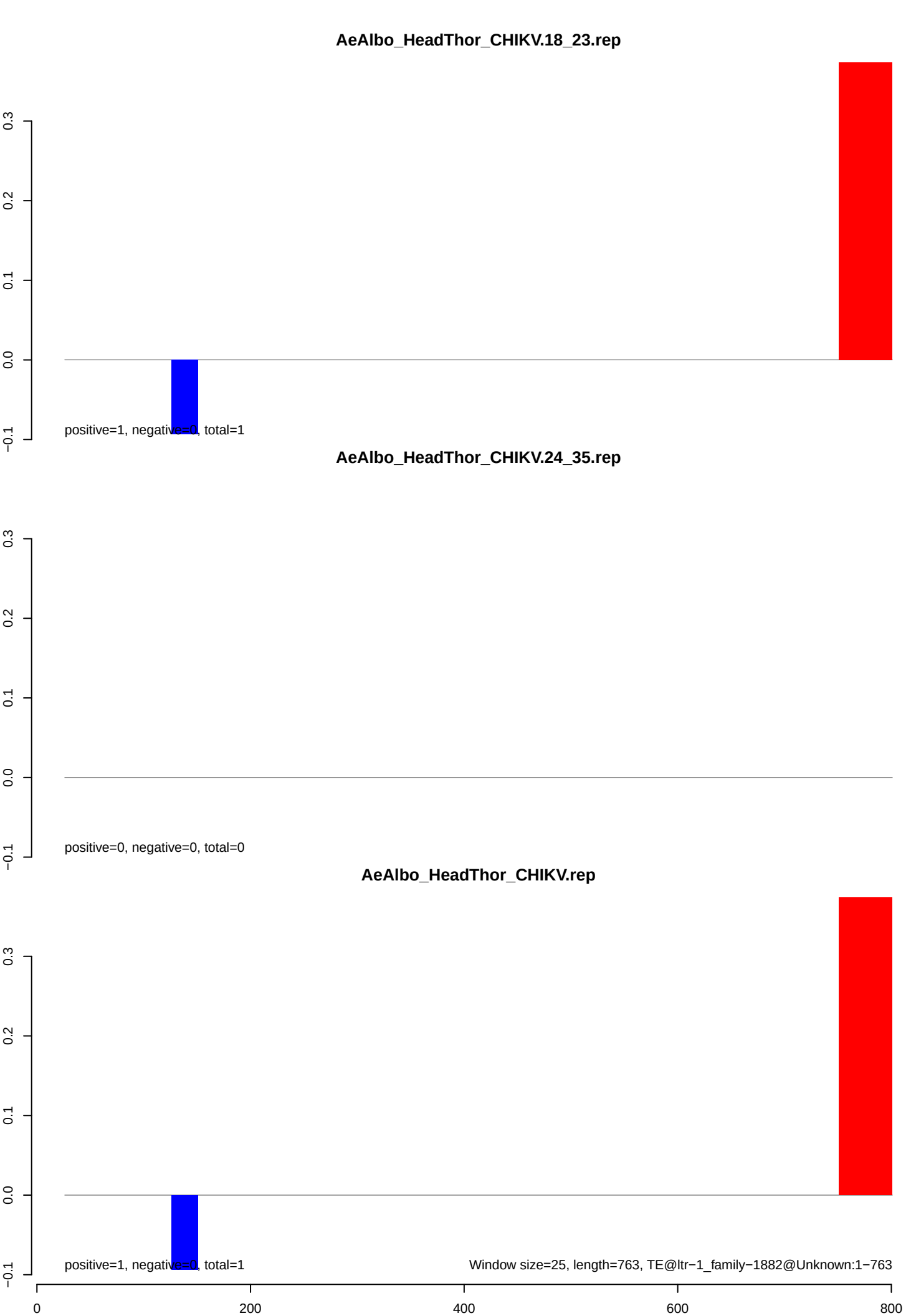

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=648, TE@ltr−1_family−2119@LTR_Pao:1−648
0
100
200
300
400
500
600
700

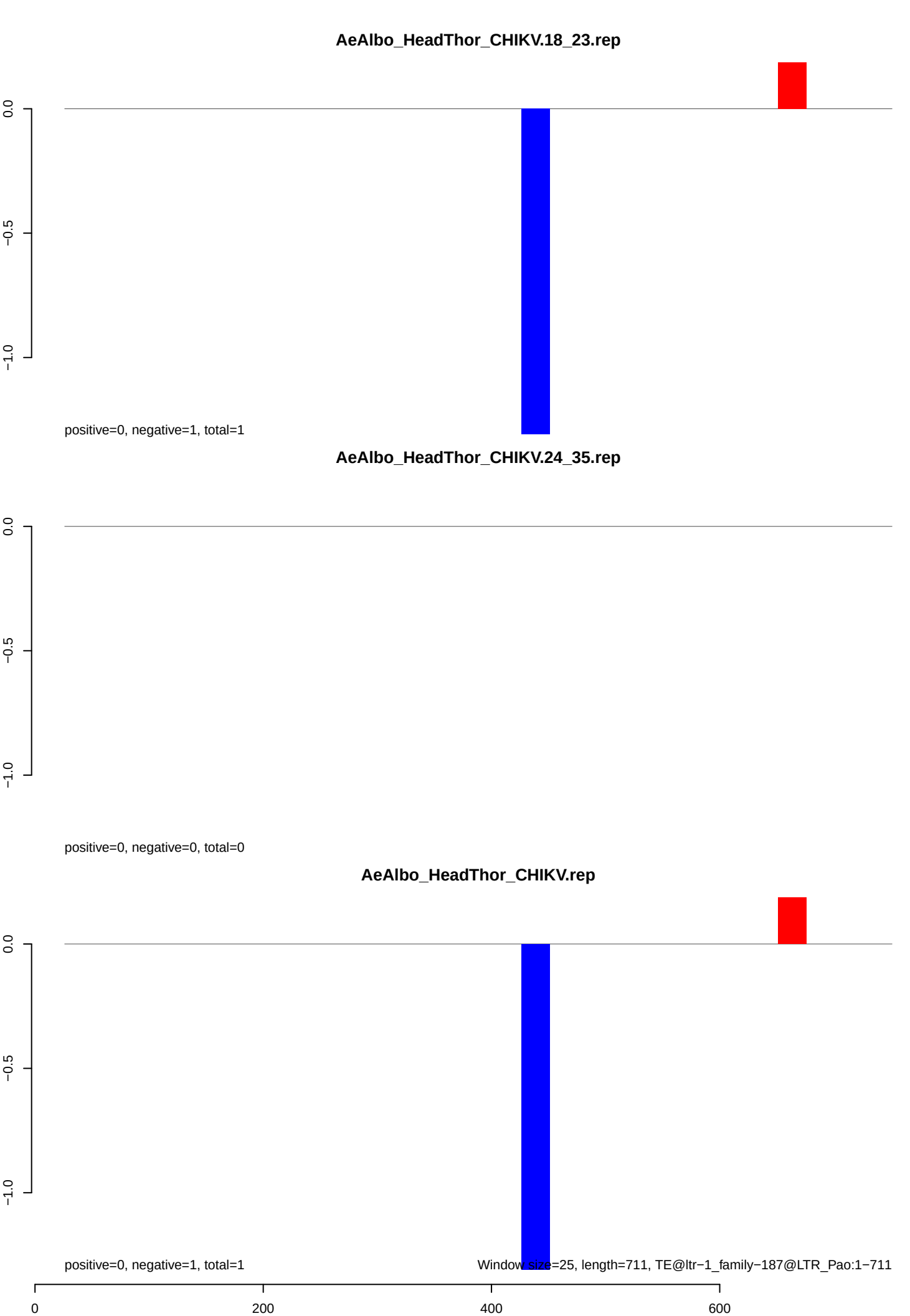

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=681, TE@ltr−1_family−2060@LTR_Pao:1−681
0
100
200
300
400
500
600
700

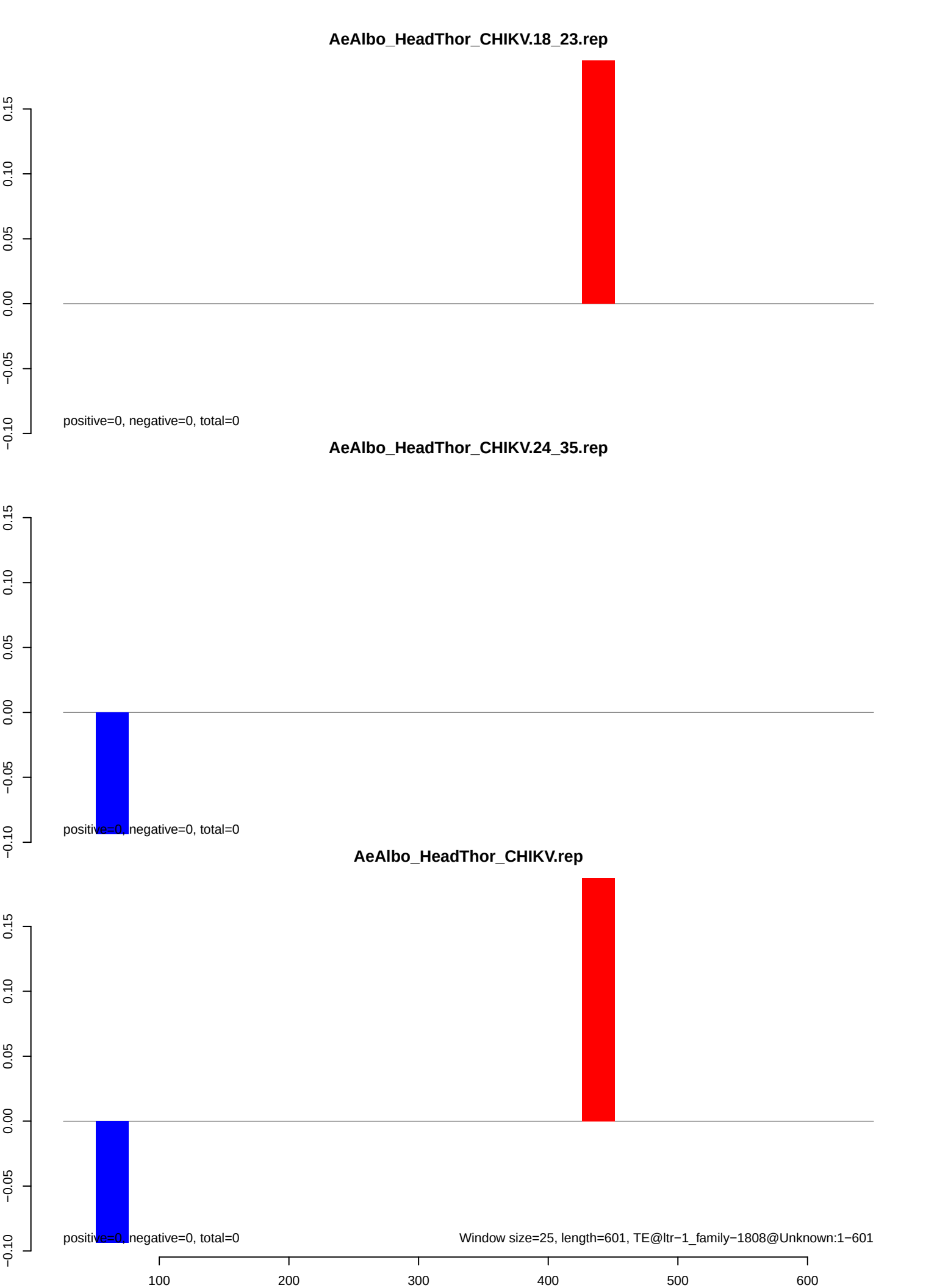

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=669, TE@ltr−1_family−2036@LTR_Pao:1−669
0
100
200
300
400
500
600
700

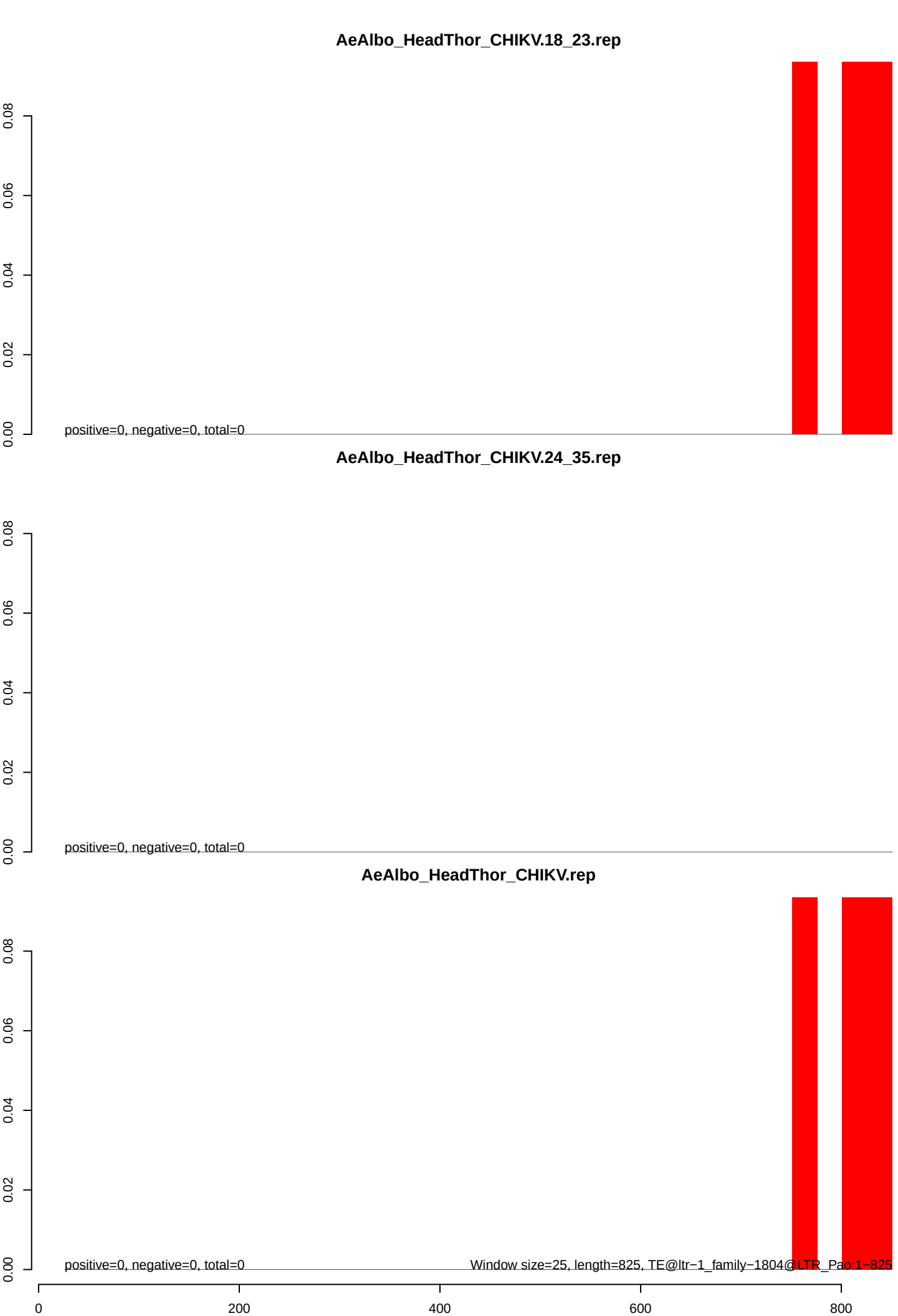

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=536, TE@ltr−1_family−197@LTR_Pao:1−536
100
200
300
400
500

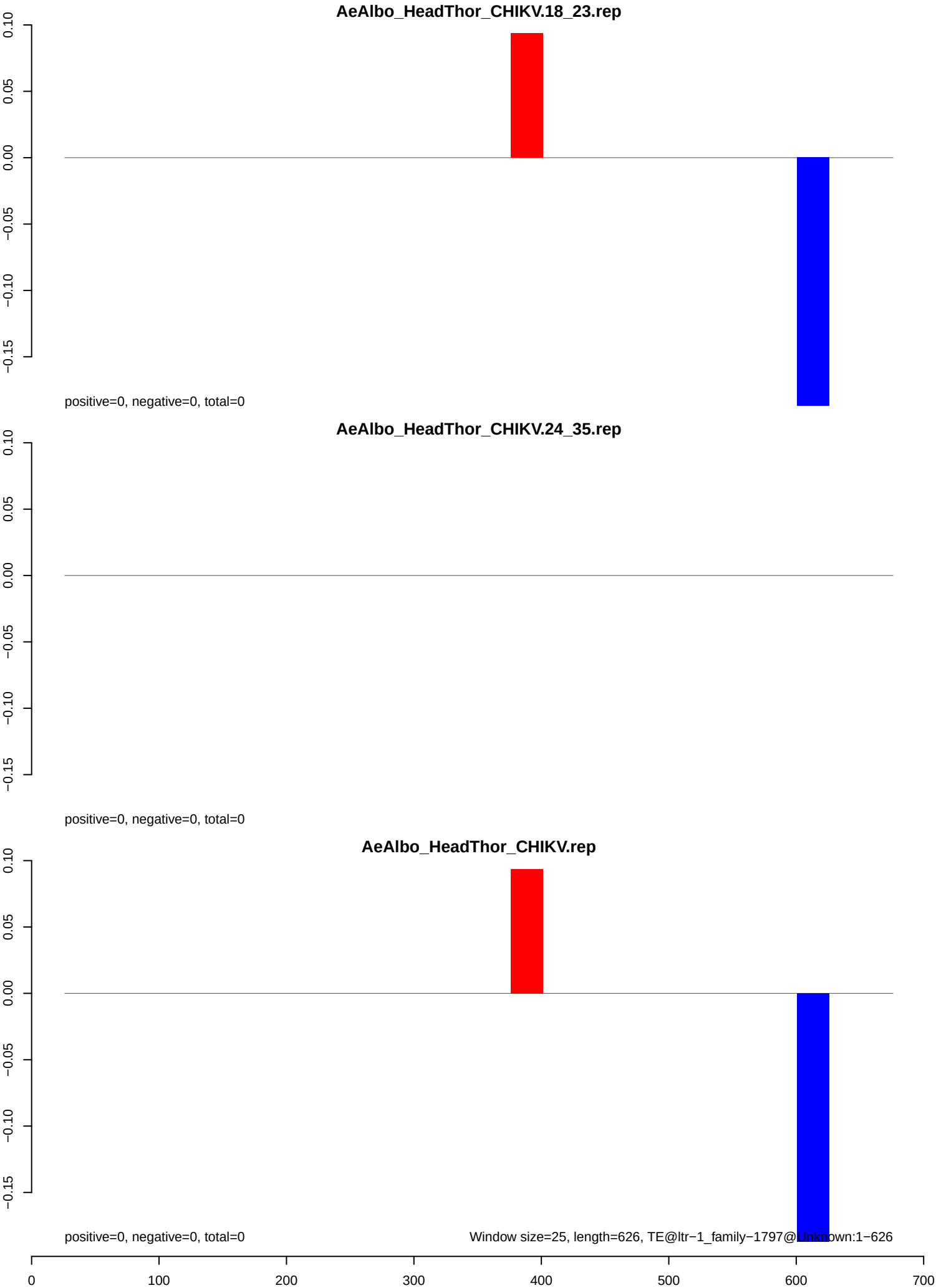

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
Window size=25, length=553, TE@ltr−1_family−1941@LTR_Pao:1−553
100
200
300
400
500
600

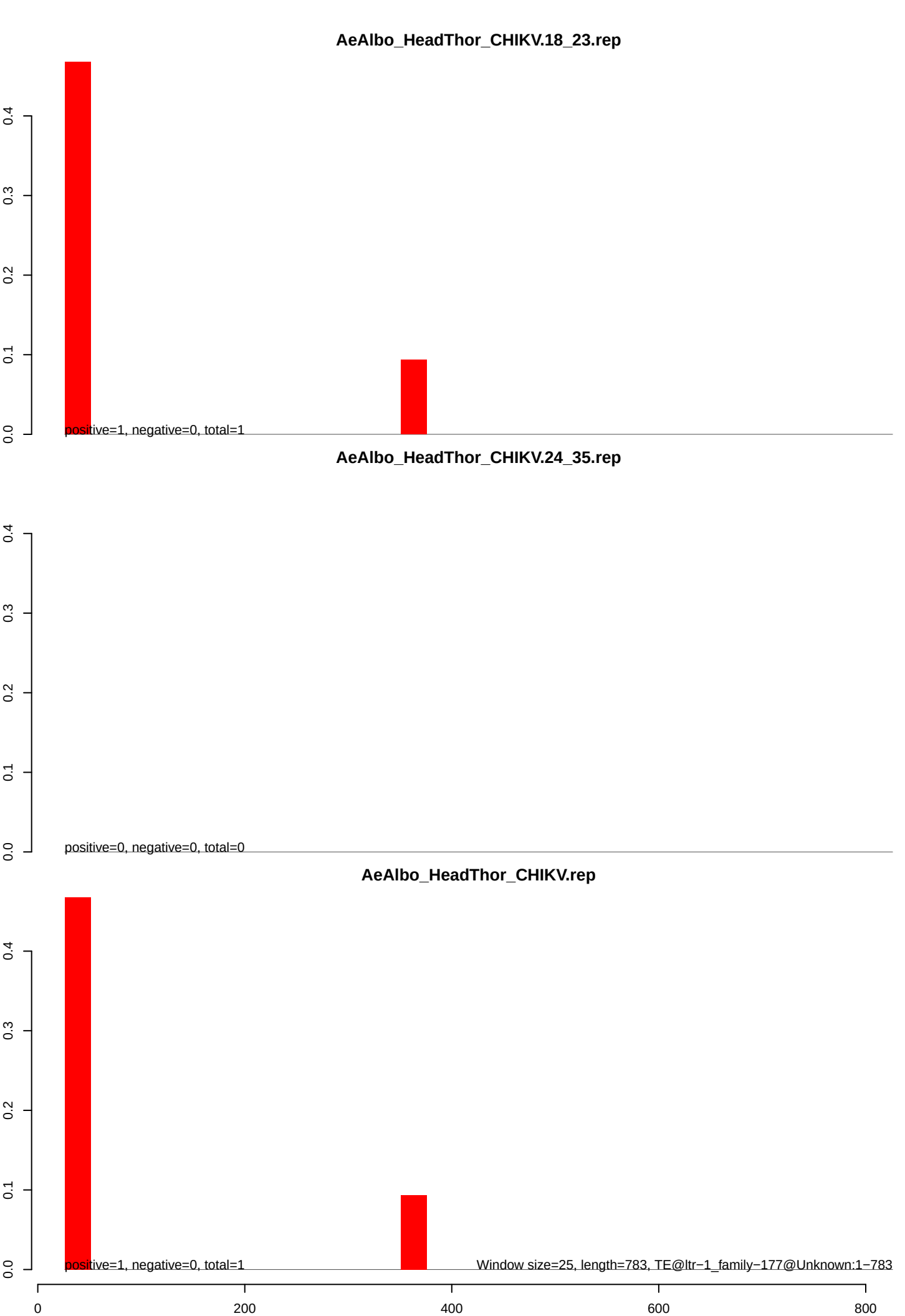

AeAlbo_HeadThor_CHIKV.18_23.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.3
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=763, TE@ltr−1_family−1882@Unknown:1−763
0
200
400
600
800

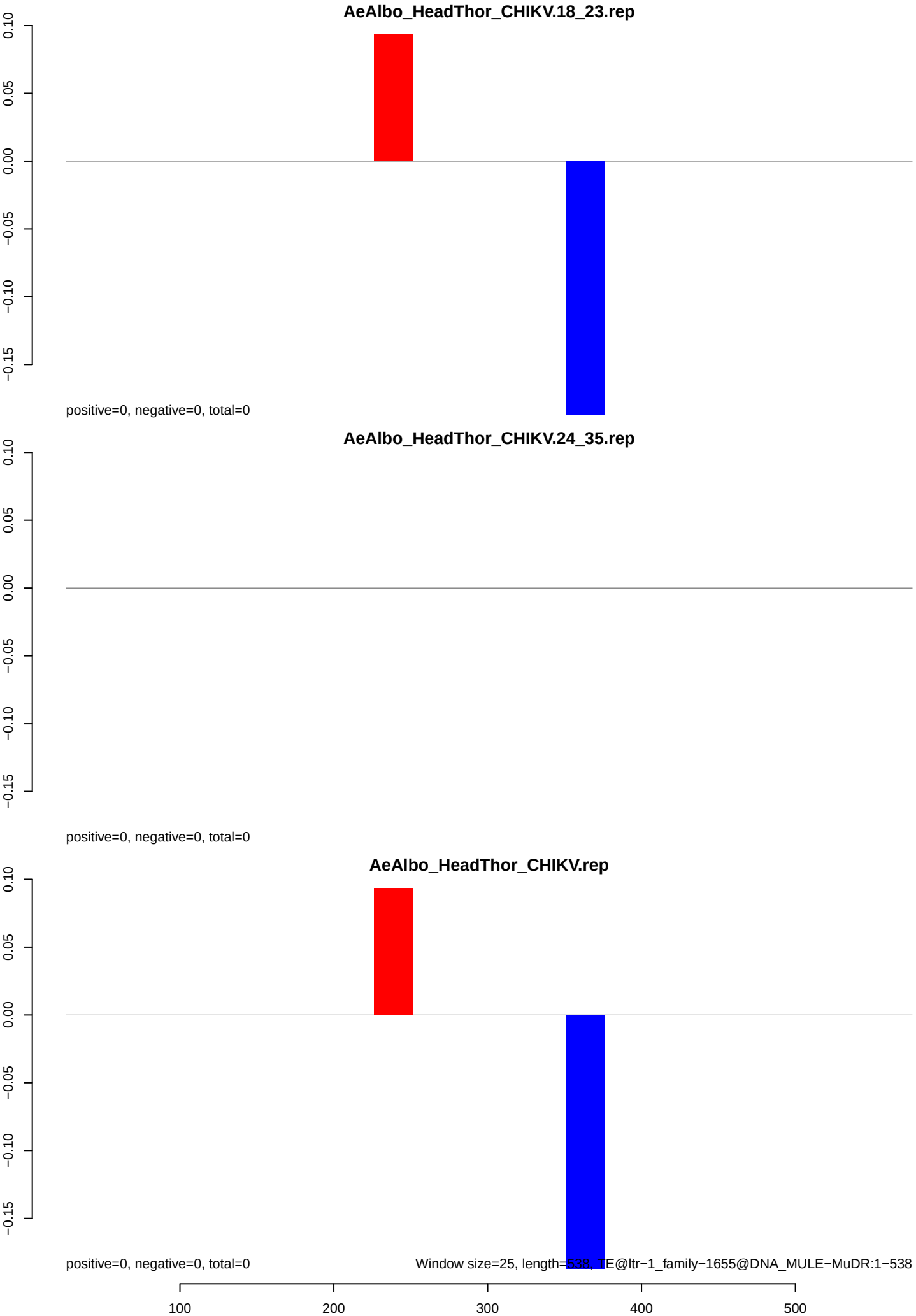

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
positive=0, negative=1, total=1
Window size=25, length=711, TE@ltr−1_family−187@LTR_Pao:1−711
0
200
400
600

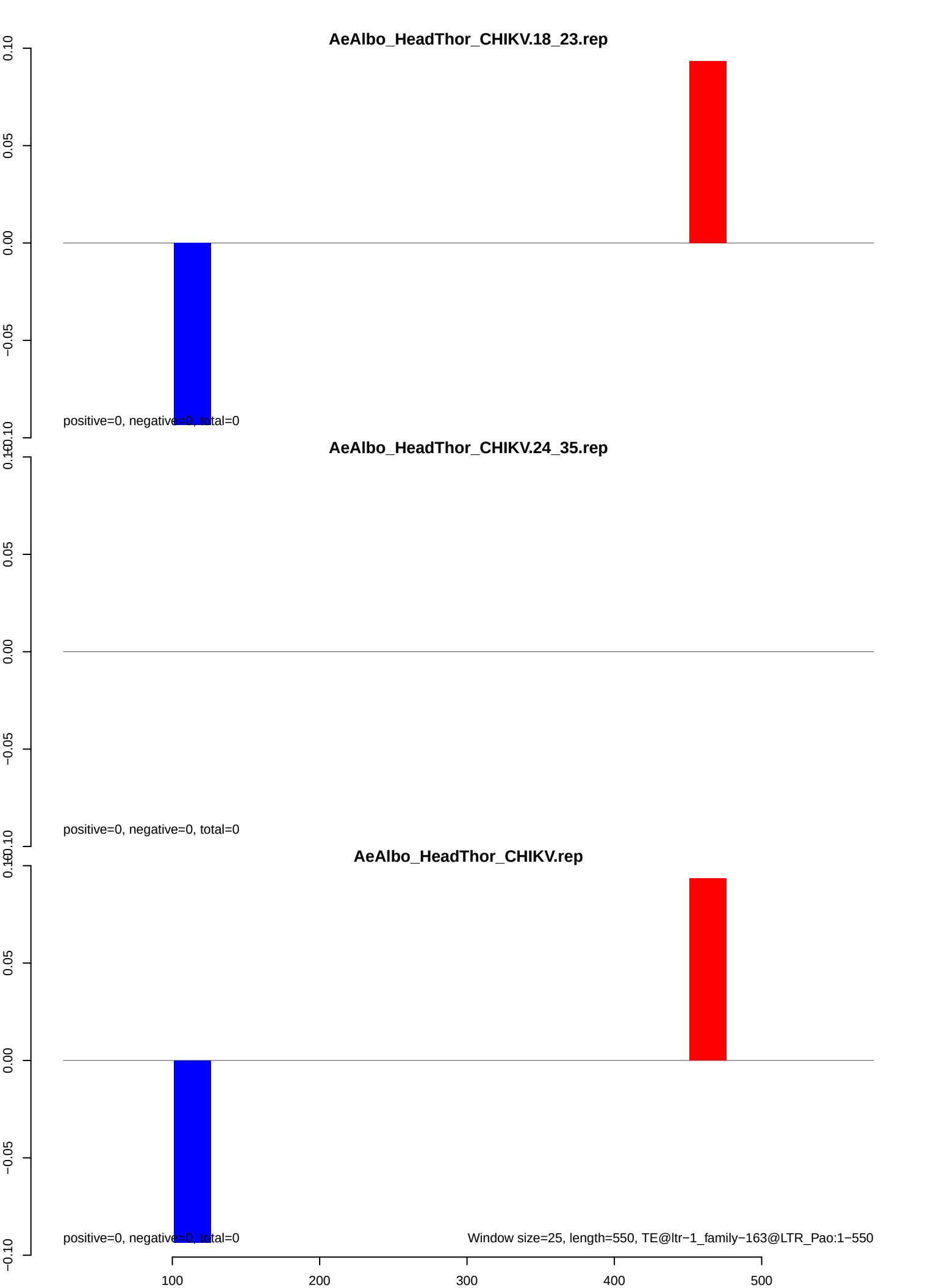

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=601, TE@ltr−1_family−1808@Unknown:1−601
100
200
300
400
500
600

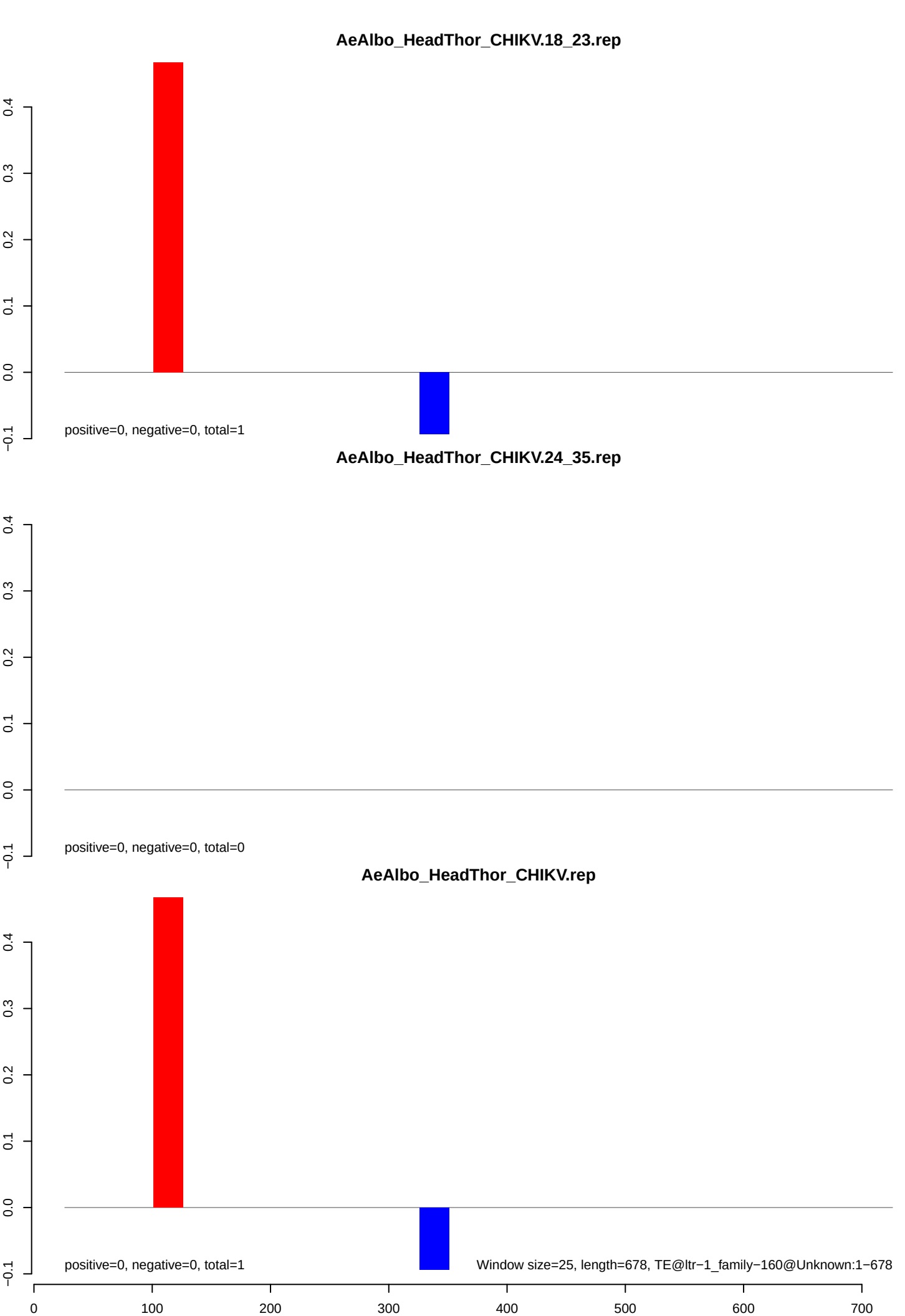

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=825, TE@ltr−1_family−1804@LTR_Pao:1−825
0
200
400
600
800

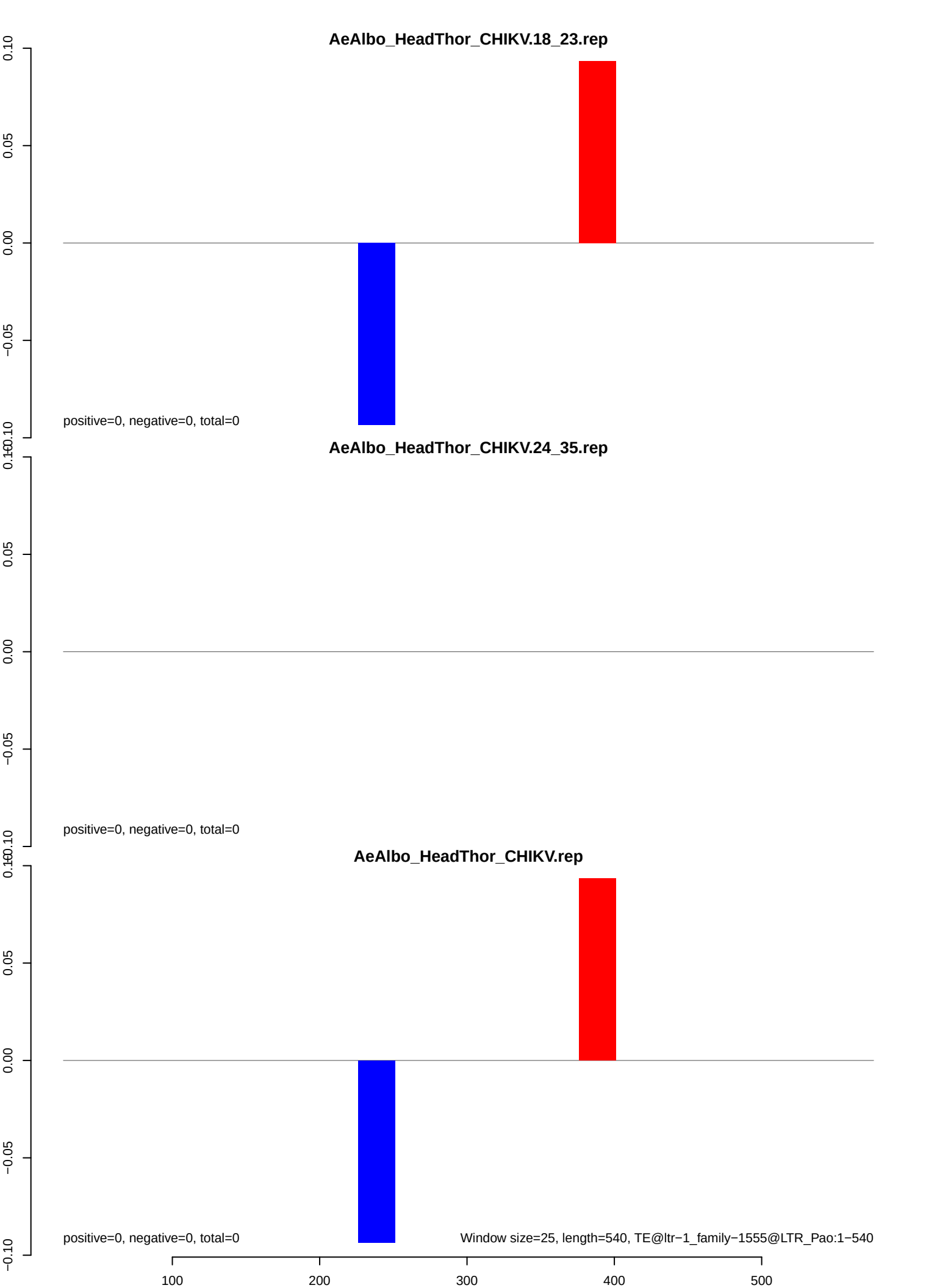

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=626, TE@ltr−1_family−1797@Unknown:1−626
0
100
200
300
400
500
600
700

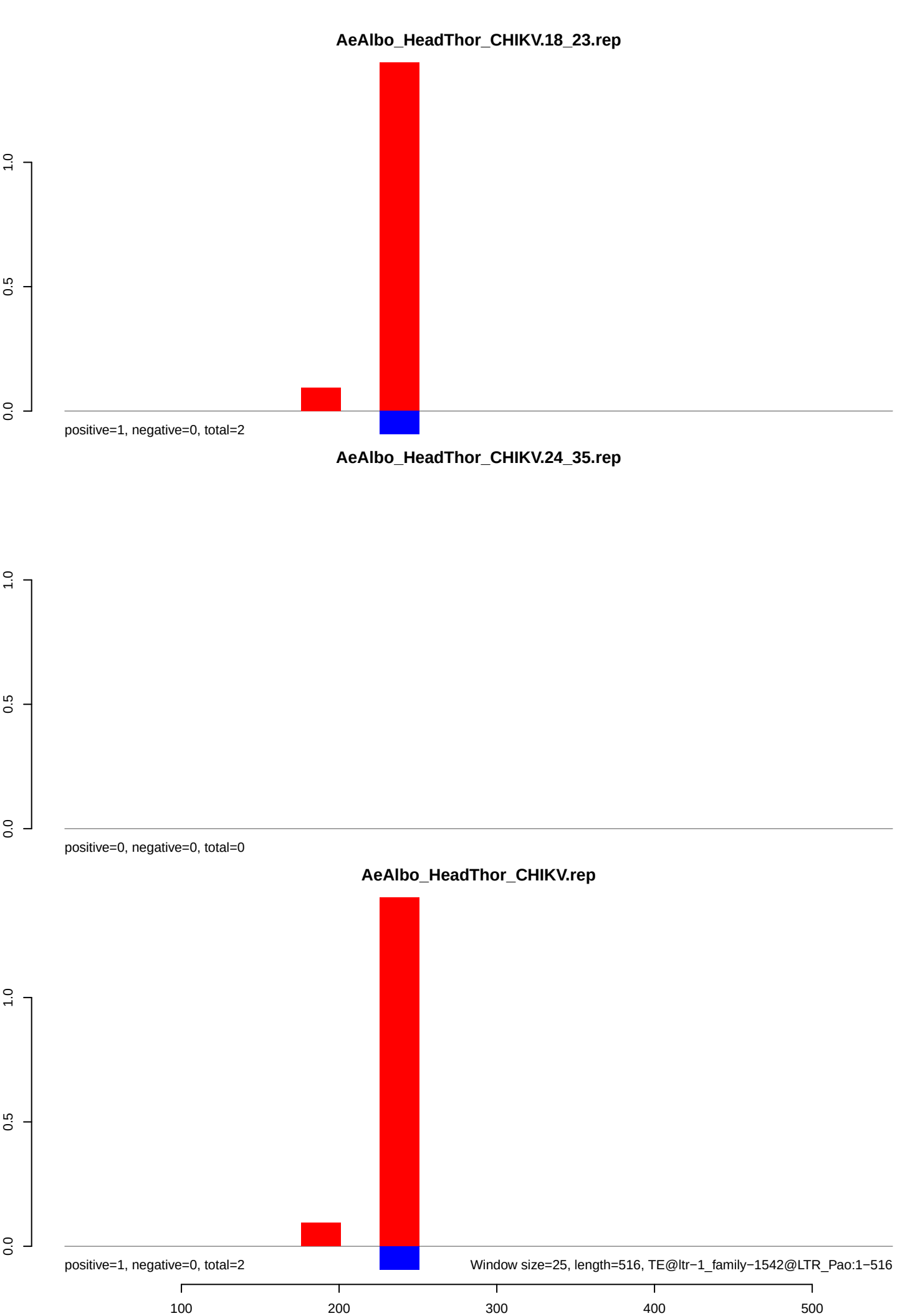

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
positive=1, negative=0, total=1
Window size=25, length=783, TE@ltr−1_family−177@Unknown:1−783
0
200
400
600
800

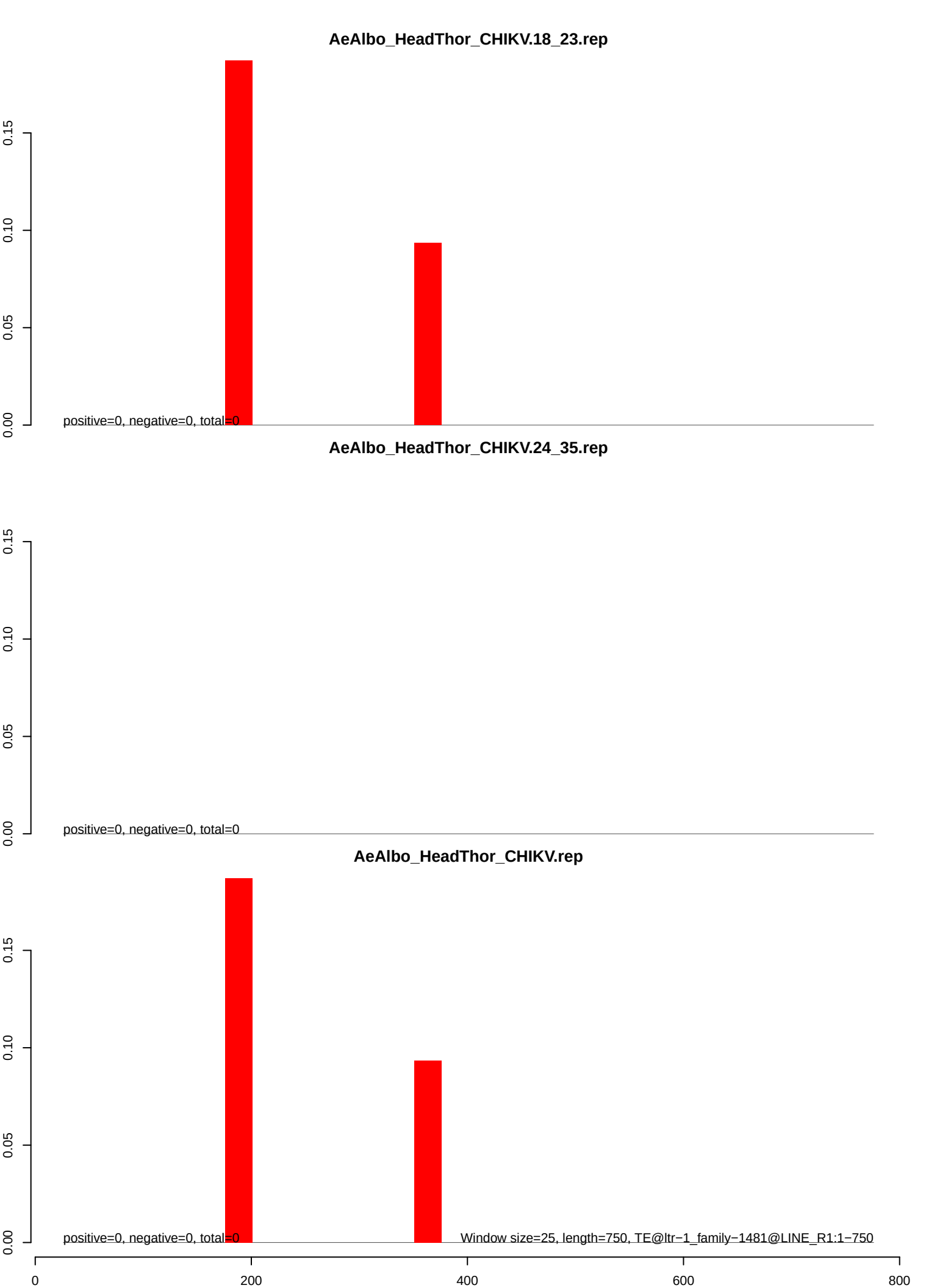

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=538, TE@ltr−1_family−1655@DNA_MULE−MuDR:1−538
100
200
300
400
500

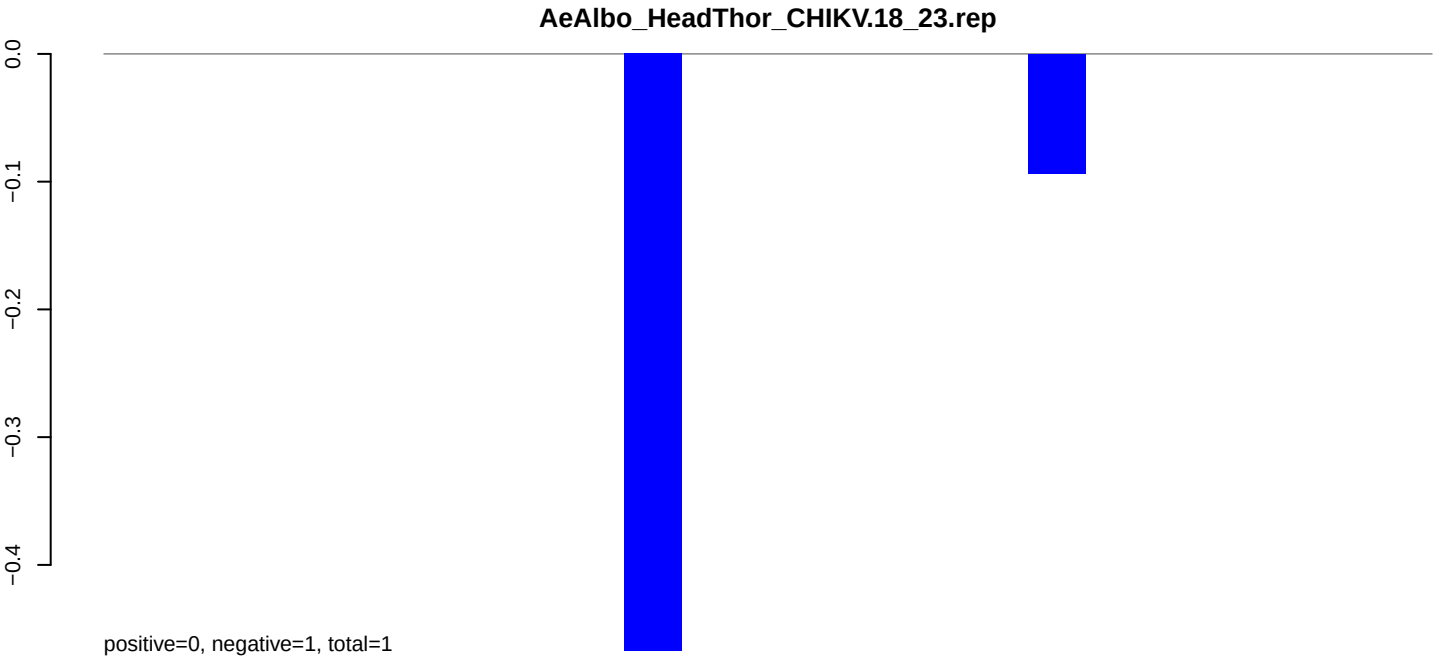

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=550, TE@ltr−1_family−163@LTR_Pao:1−550
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.4
0.3
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=1
Window size=25, length=678, TE@ltr−1_family−160@Unknown:1−678
0
100
200
300
400
500
600
700

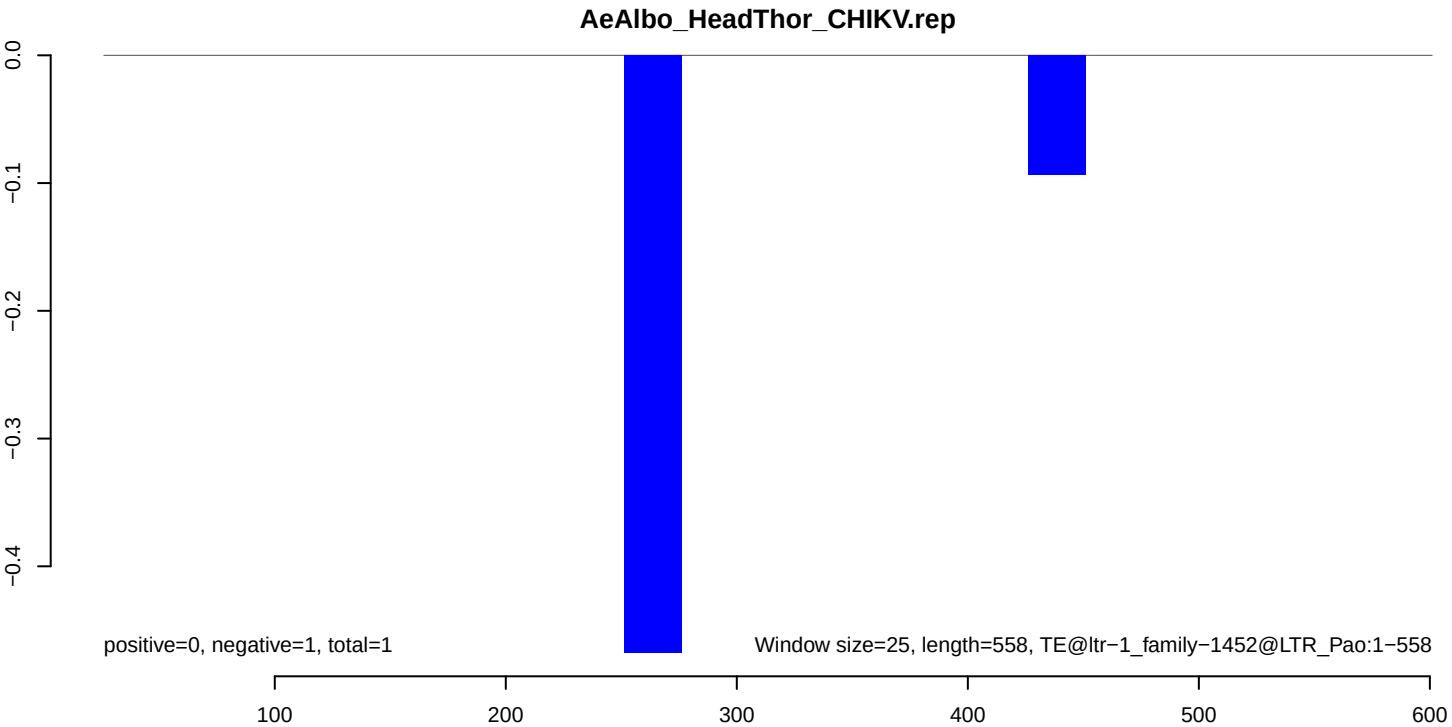

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=540, TE@ltr−1_family−1555@LTR_Pao:1−540
100
200
300
400
500

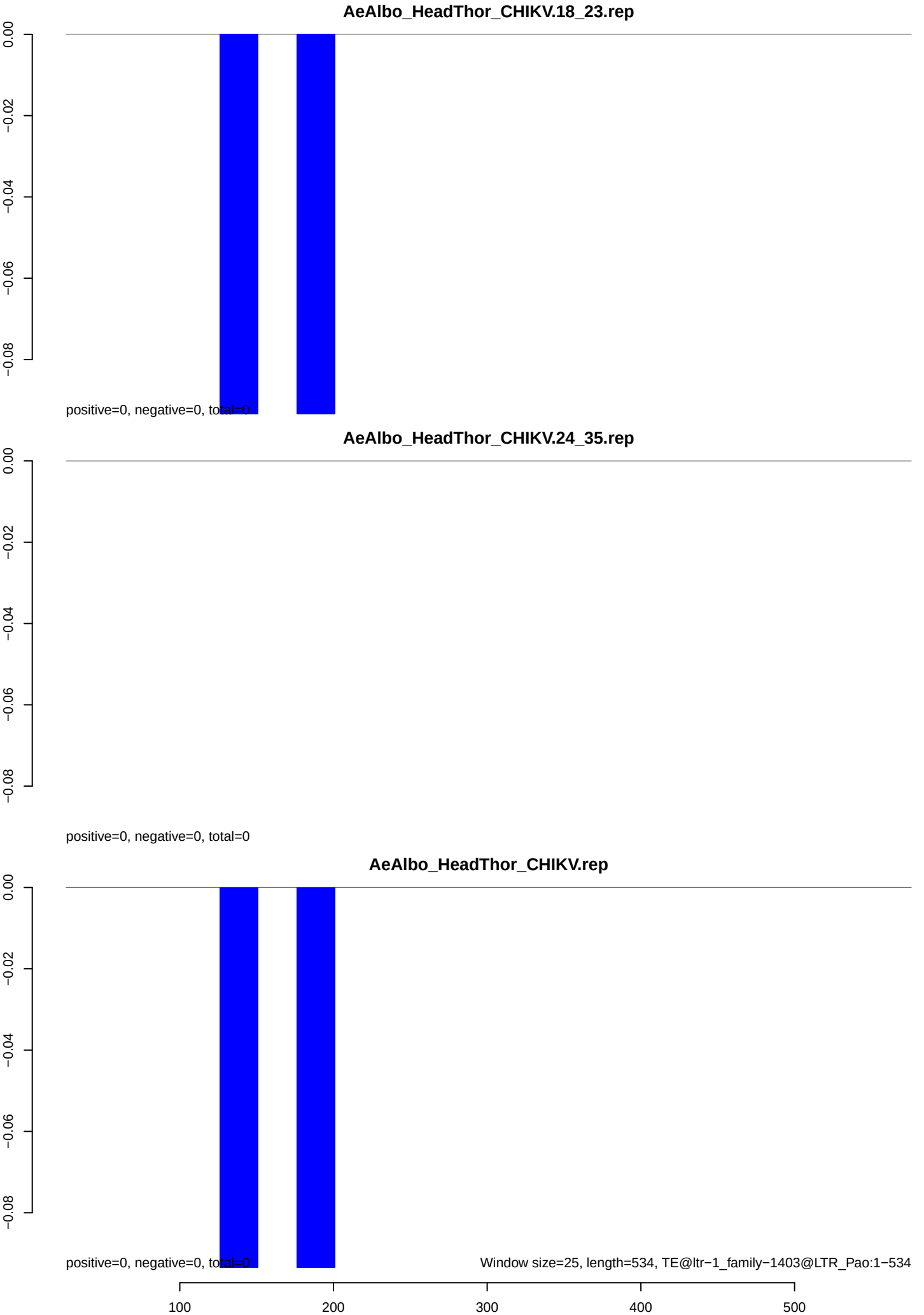

AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
positive=1, negative=0, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
positive=1, negative=0, total=2
Window size=25, length=516, TE@ltr−1_family−1542@LTR_Pao:1−516
100
200
300
400
500

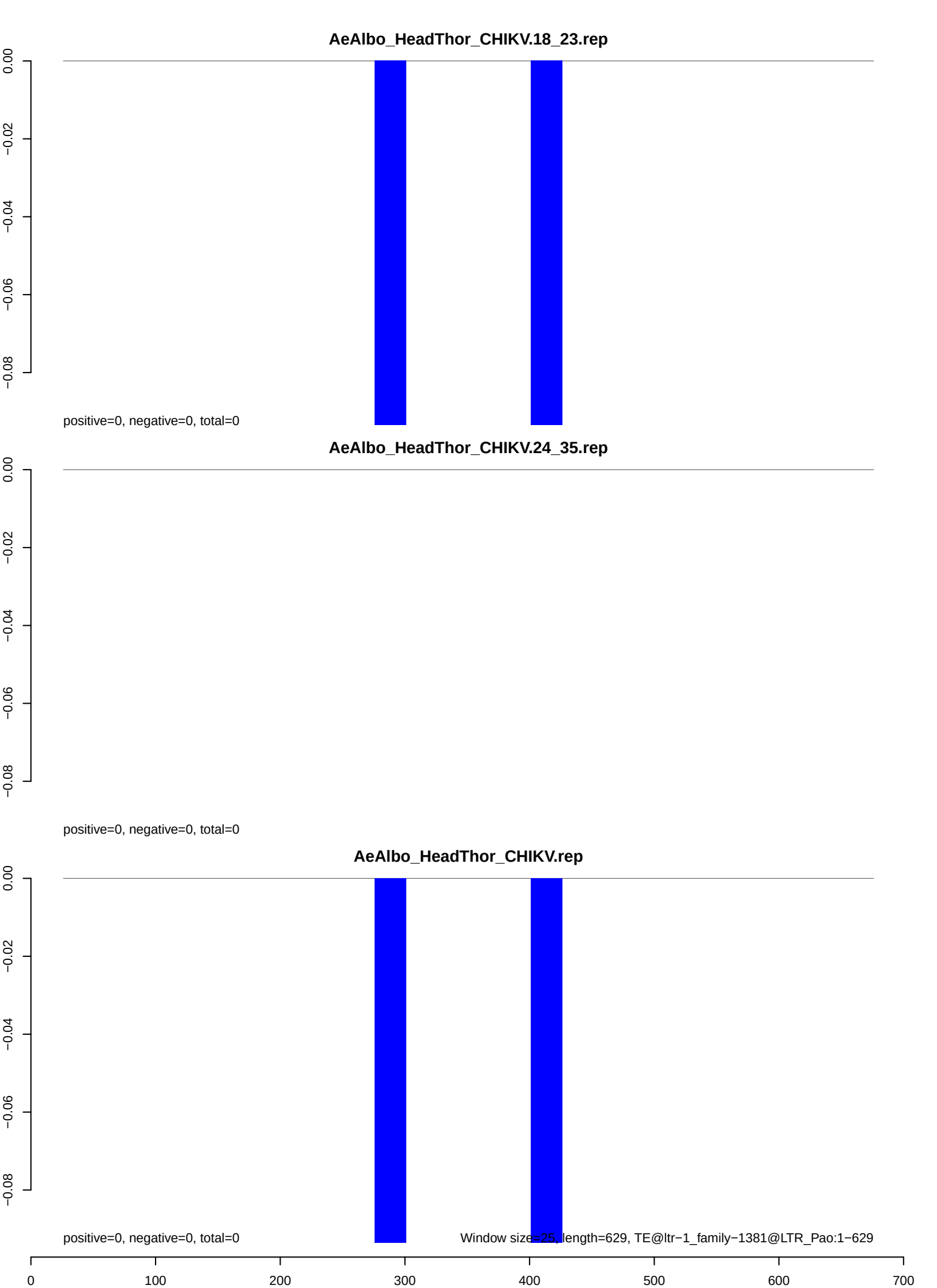

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=750, TE@ltr−1_family−1481@LINE_R1:1−750
0
200
400
600
800

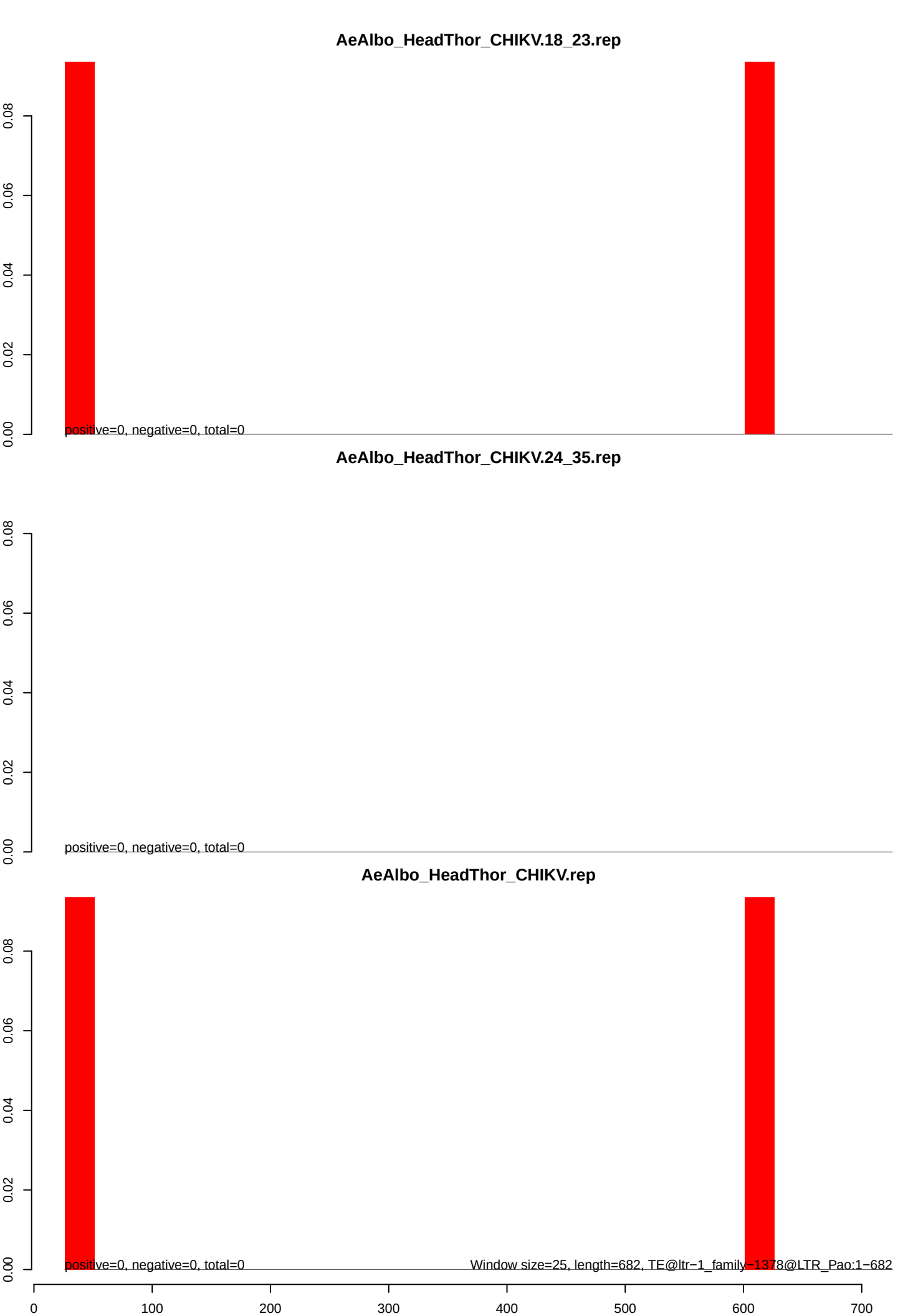

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1

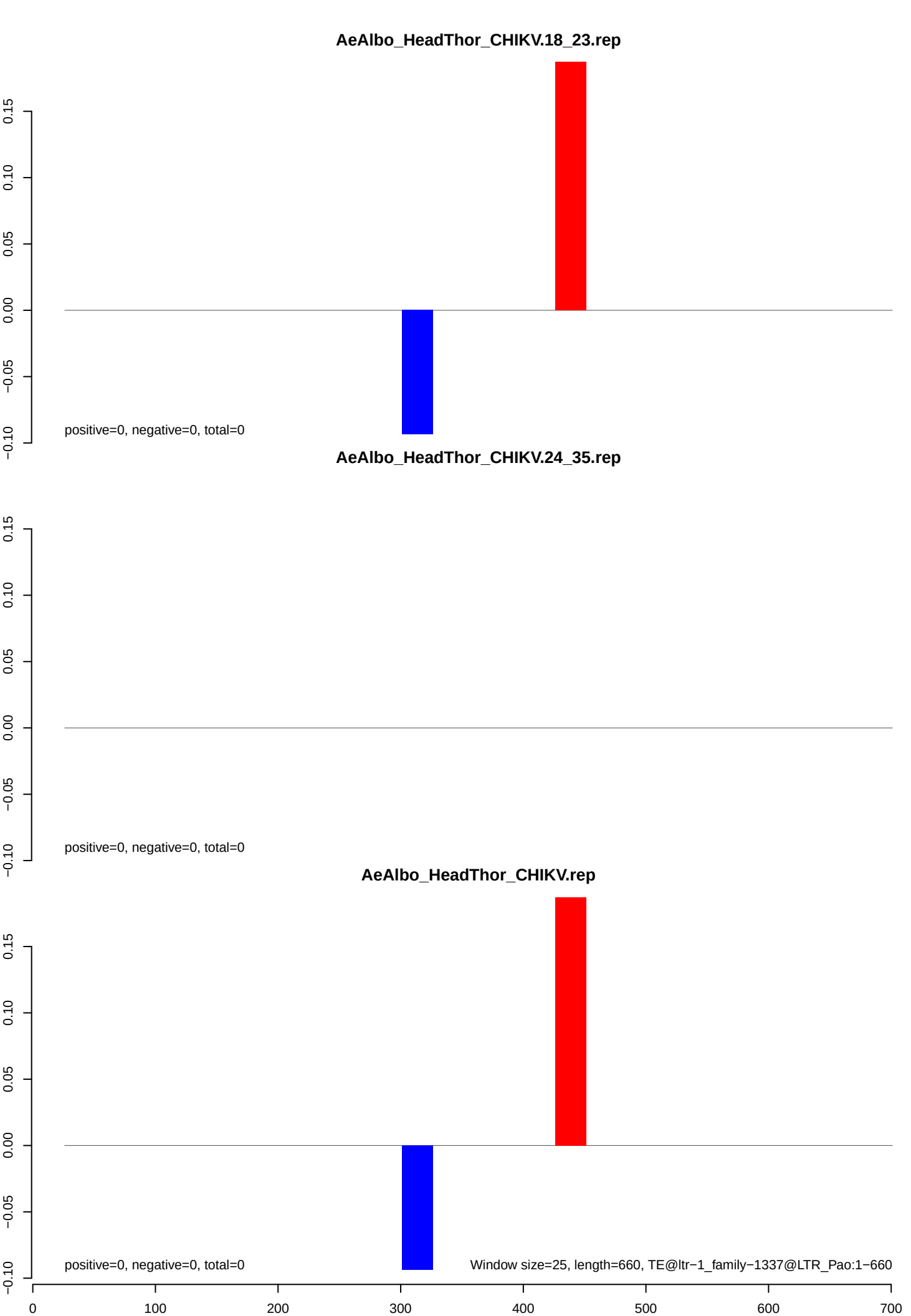
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=0, total=0

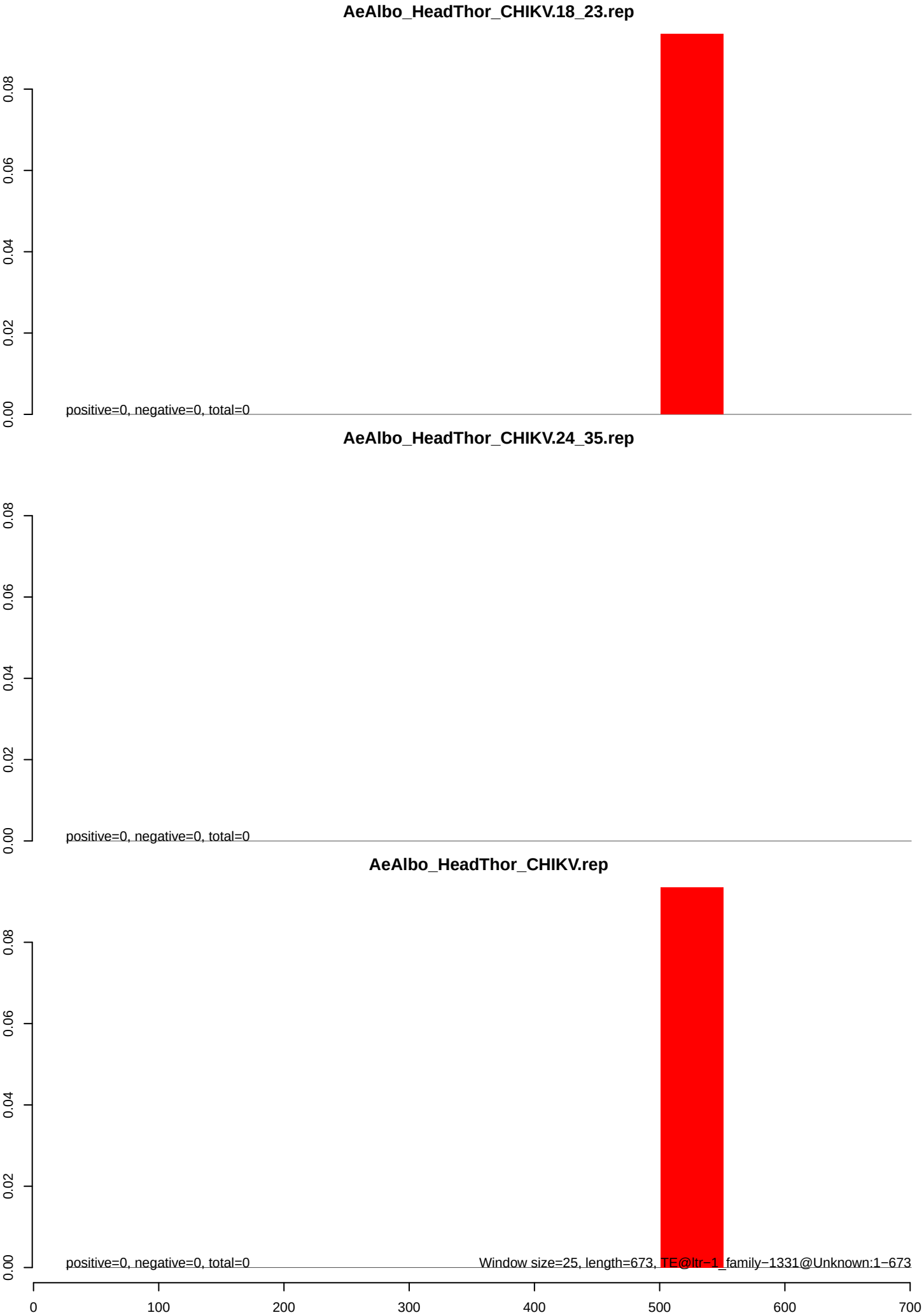

AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
−0.4
positive=0, negative=1, total=1
Window size=25, length=558, TE@ltr−1_family−1452@LTR_Pao:1−558
100
200
300
400
500
600

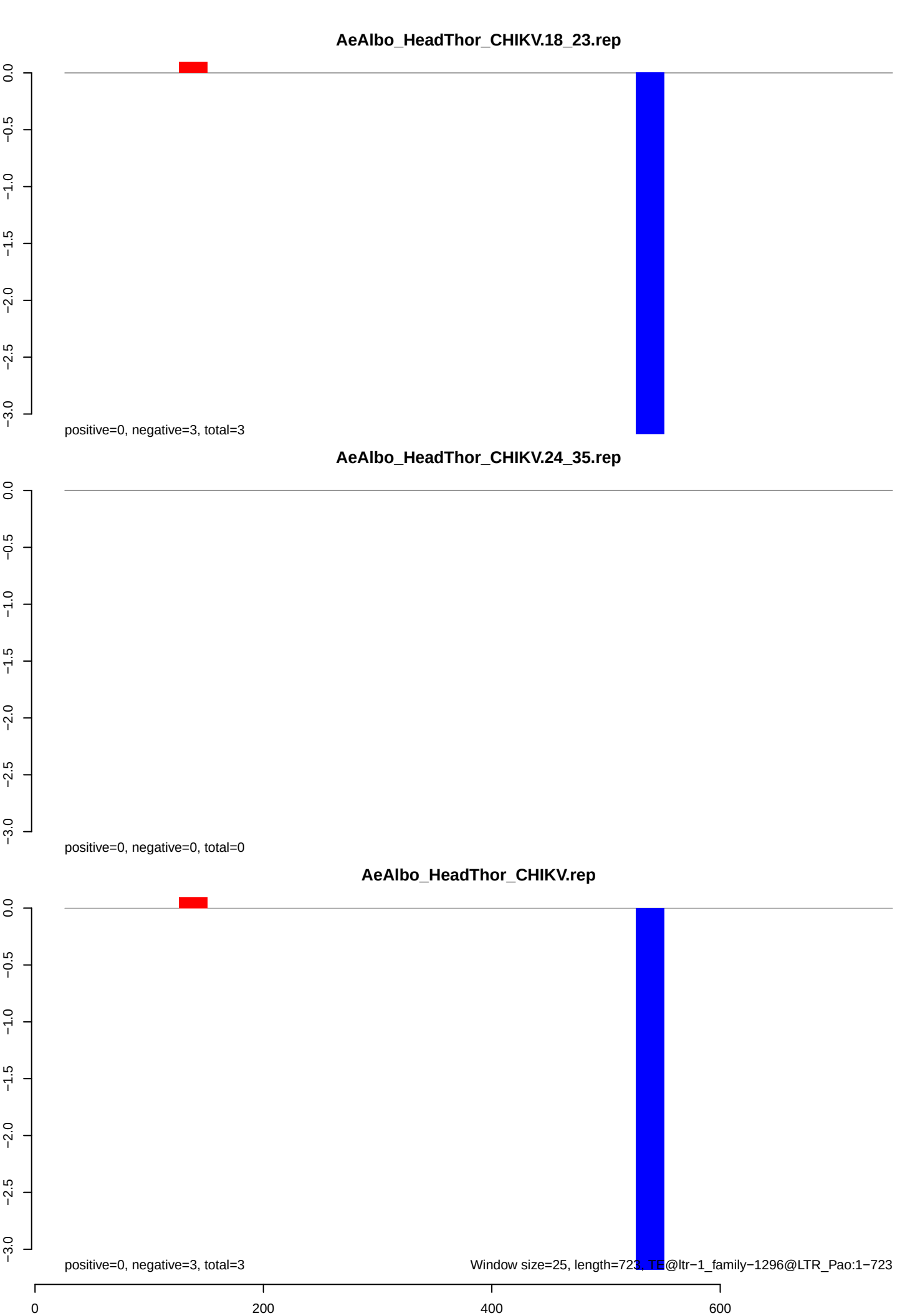

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=534, TE@ltr−1_family−1403@LTR_Pao:1−534
100
200
300
400
500

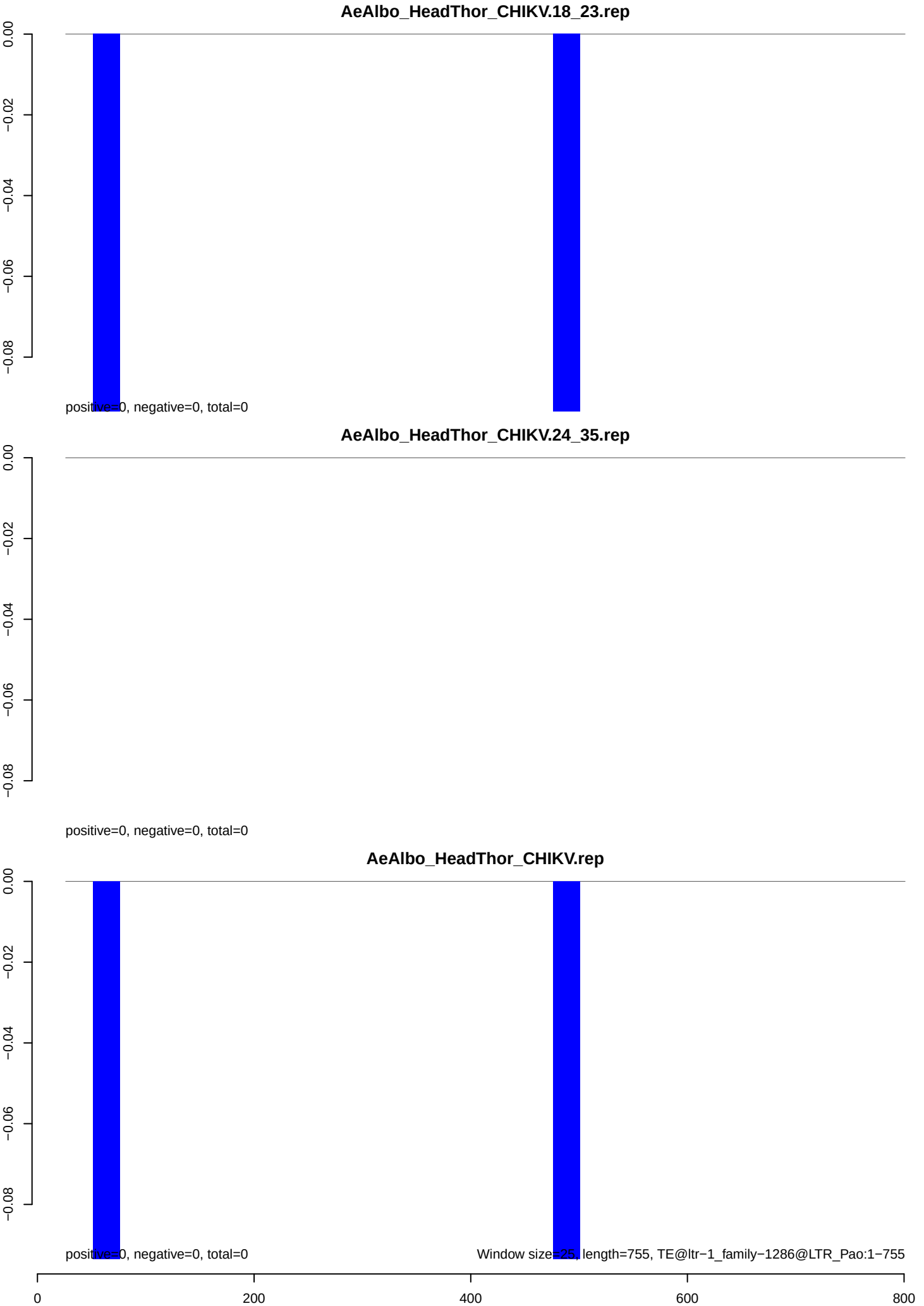

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=629, TE@ltr−1_family−1381@LTR_Pao:1−629
0
100
200
300
400
500
600
700

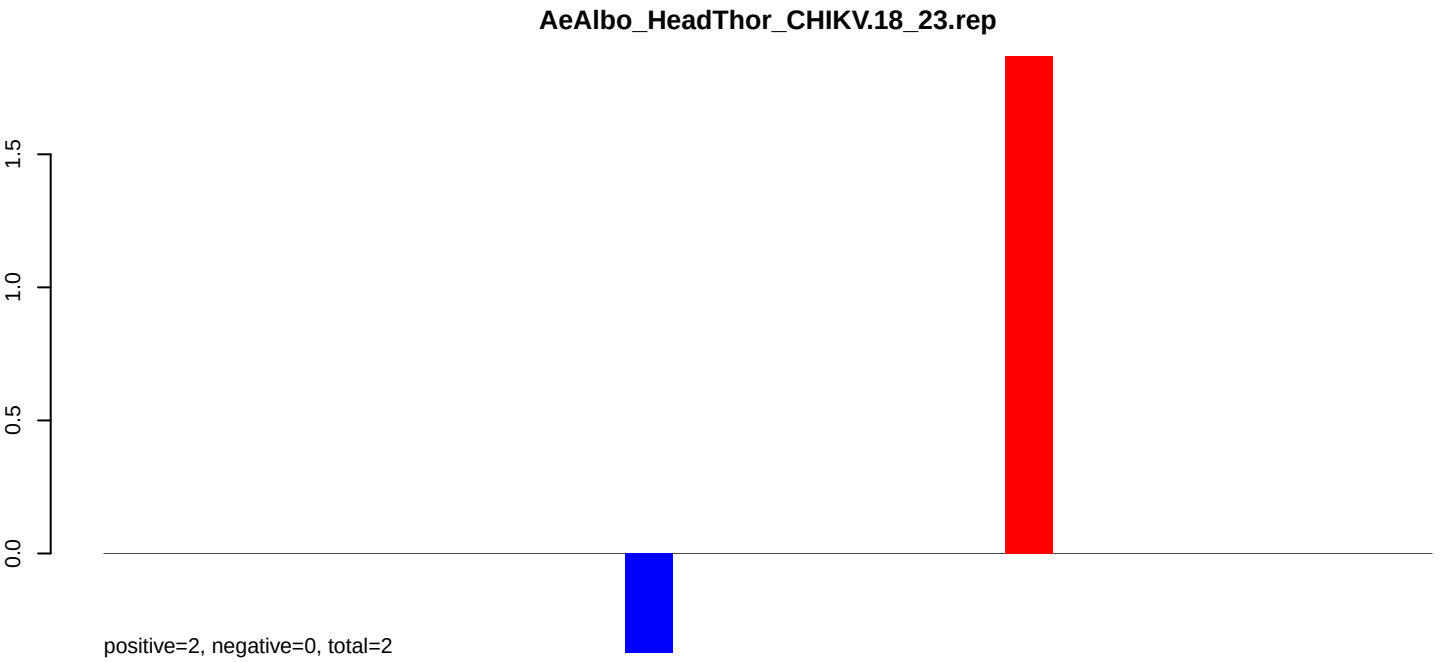

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=682, TE@ltr−1_family−1378@LTR_Pao:1−682
0
100
200
300
400
500
600
700

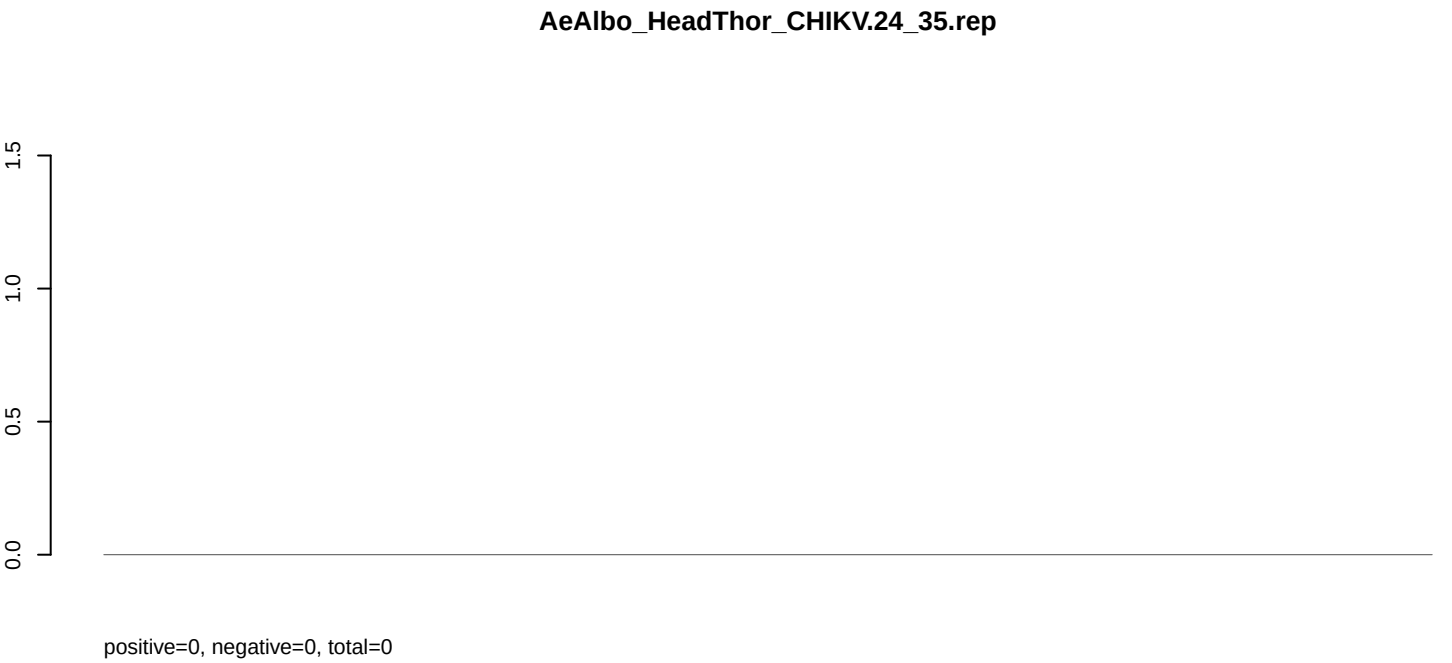

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=660, TE@ltr−1_family−1337@LTR_Pao:1−660
0
100
200
300
400
500
600
700

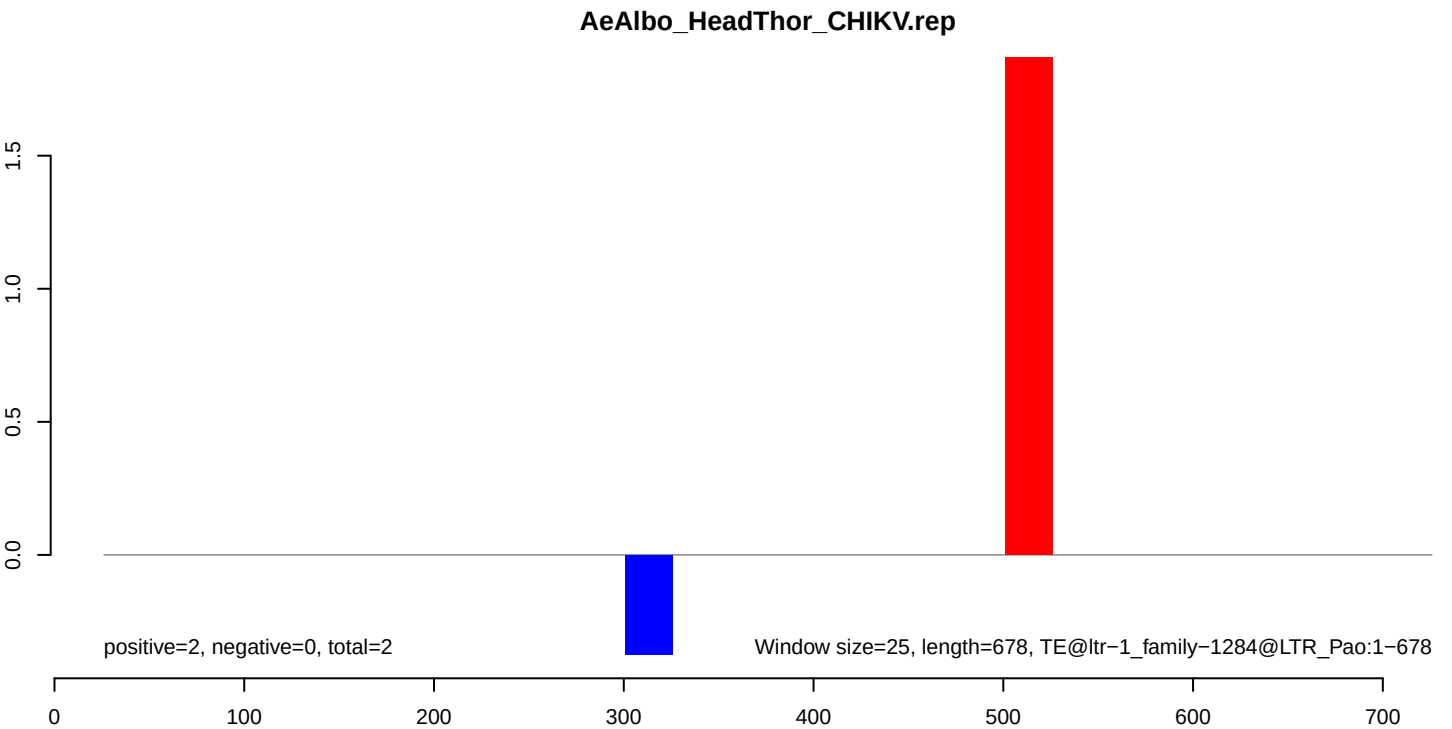

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=673, TE@ltr−1_family−1331@Unknown:1−673
0
100
200
300
400
500
600
700

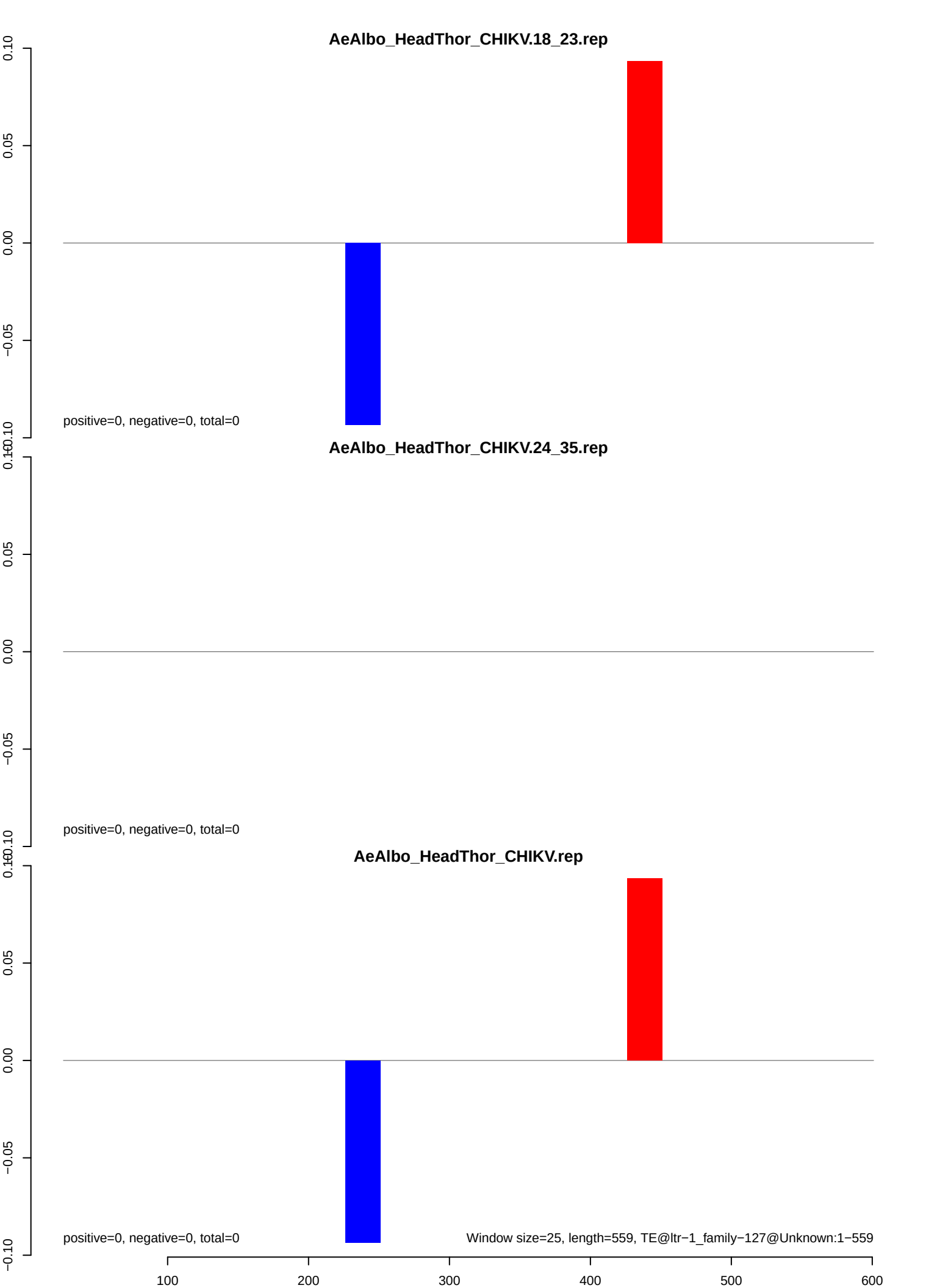

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=0, negative=3, total=3
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
positive=0, negative=3, total=3
Window size=25, length=723, TE@ltr−1_family−1296@LTR_Pao:1−723
0
200
400
600

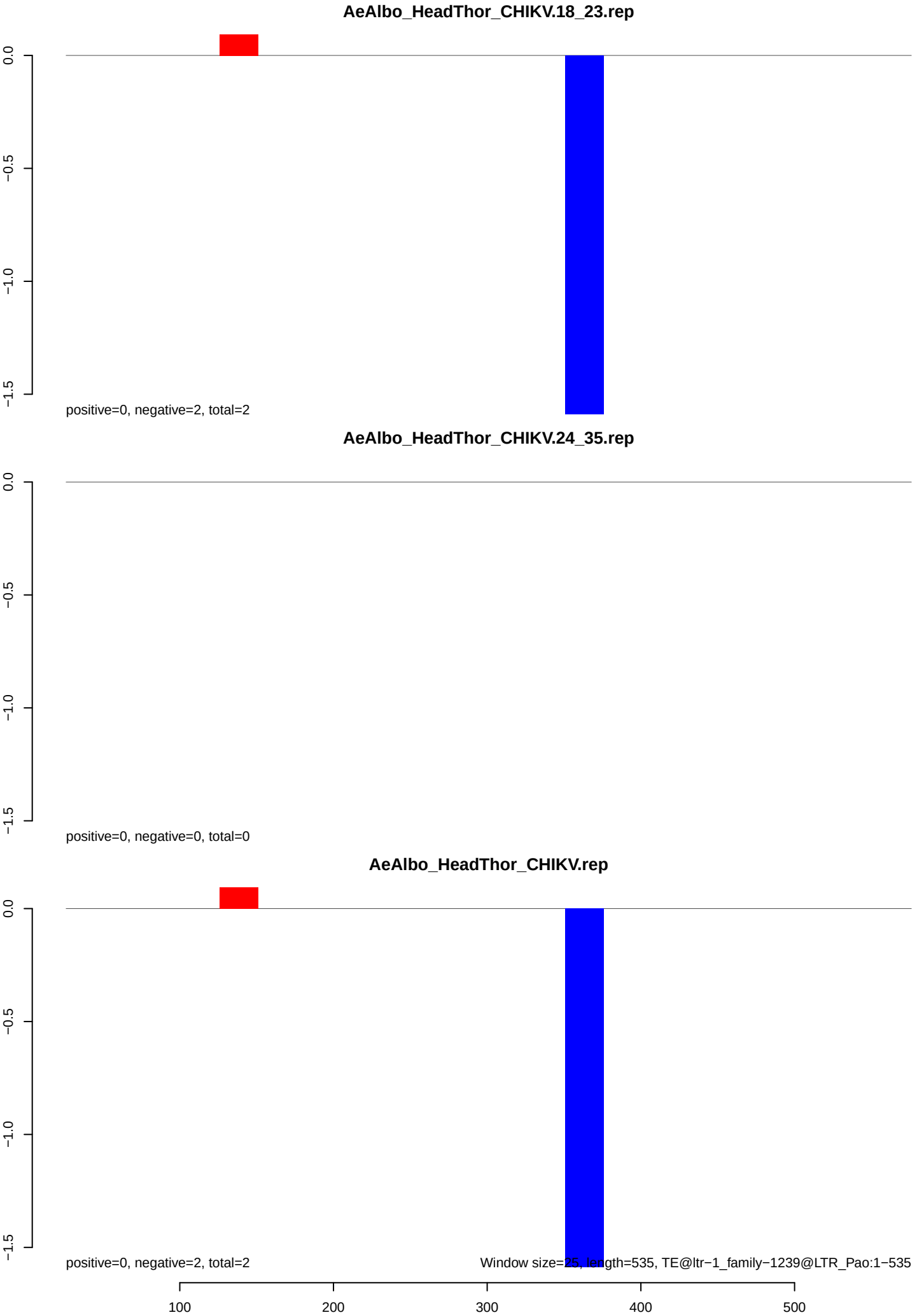

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=755, TE@ltr−1_family−1286@LTR_Pao:1−755
0
200
400
600
800

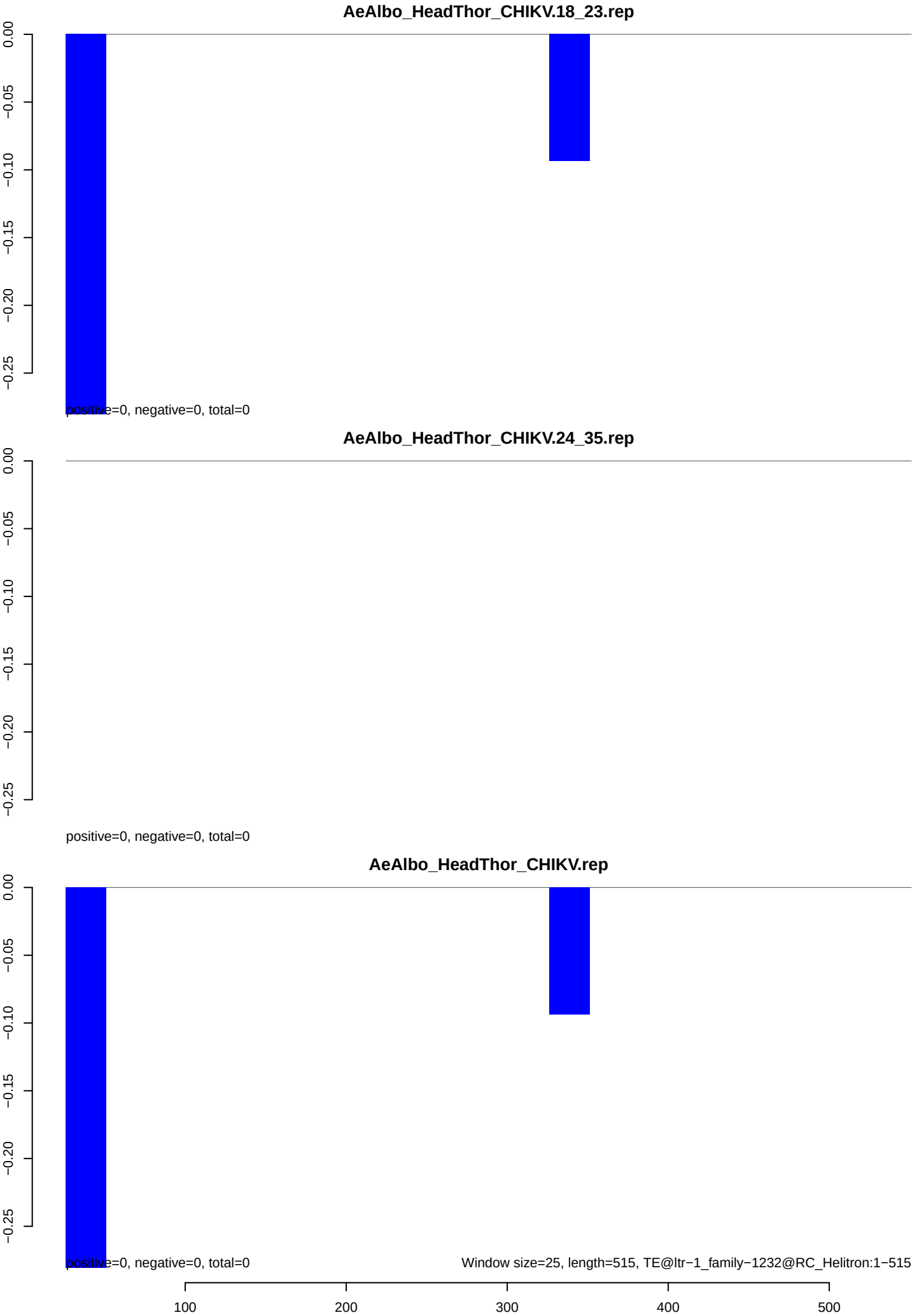

AeAlbo_HeadThor_CHIKV.18_23.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2

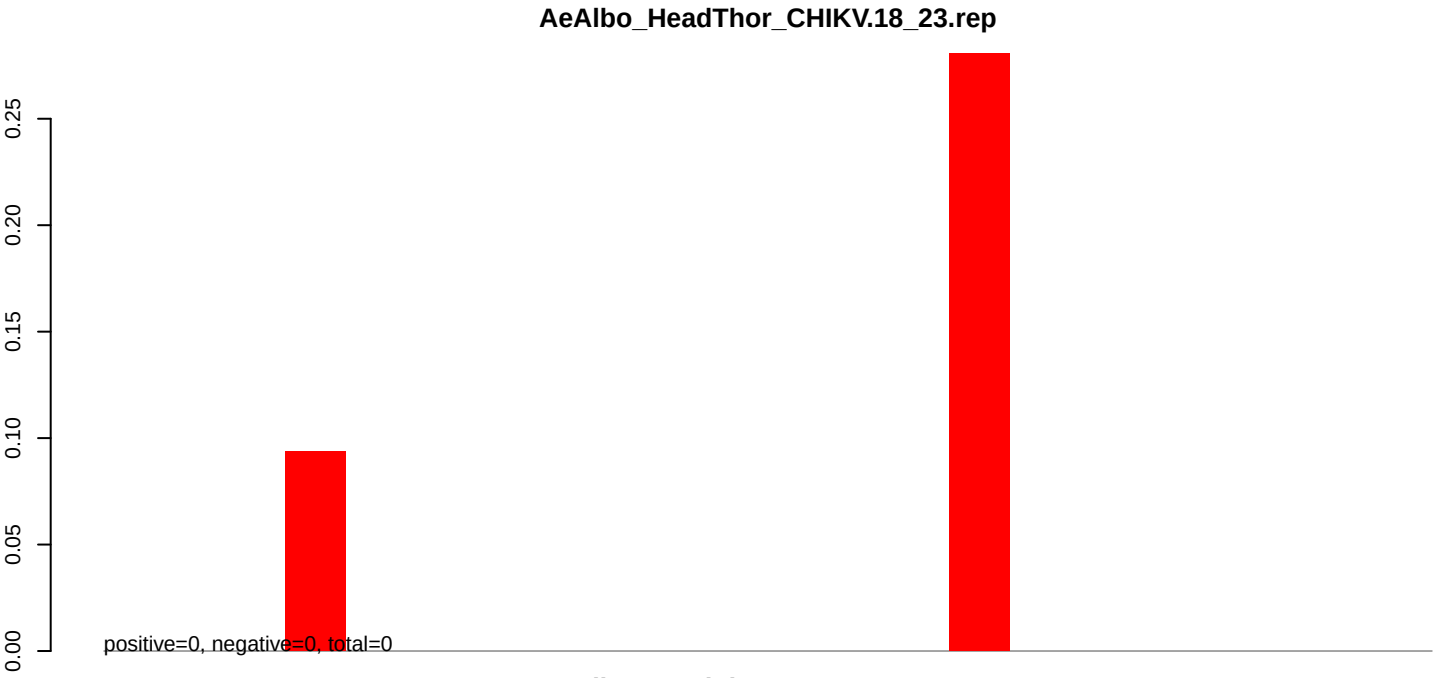

AeAlbo_HeadThor_CHIKV.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0

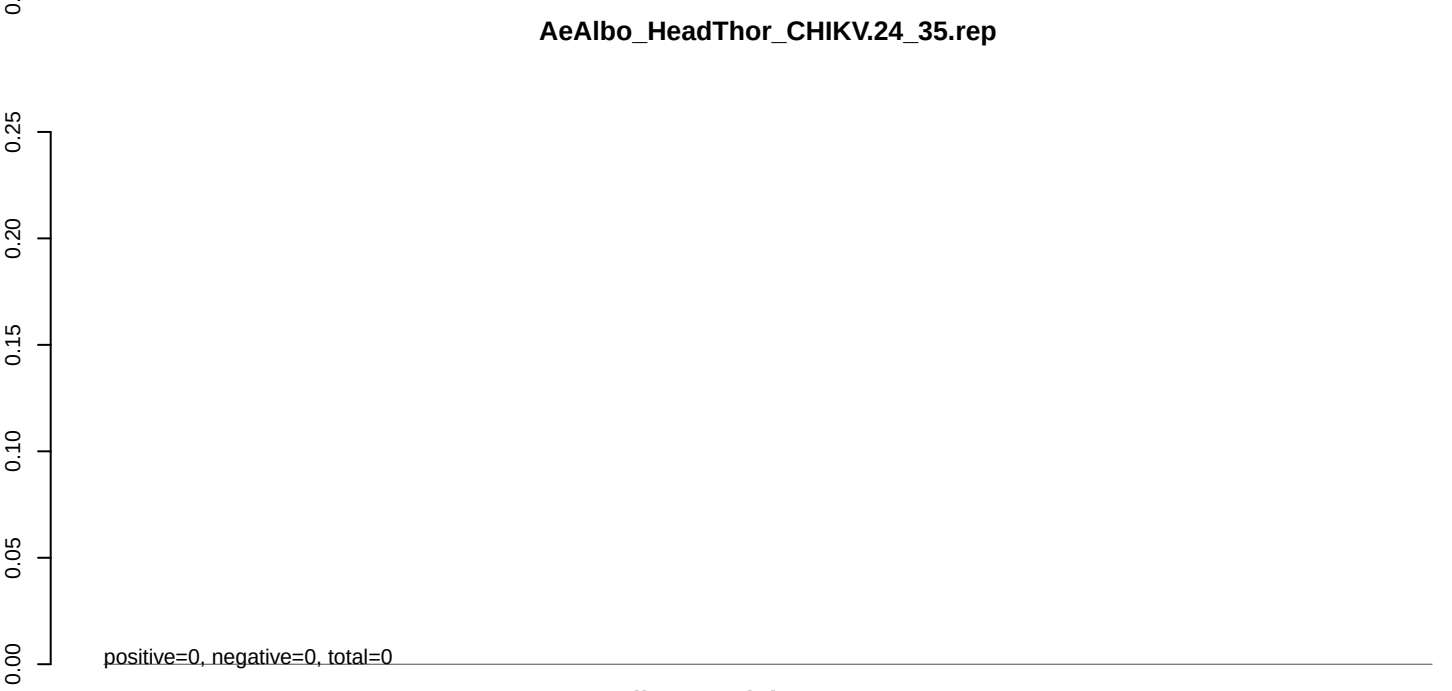

AeAlbo_HeadThor_CHIKV.rep
1.5
1.0
0.5
0.0
positive=2, negative=0, total=2
Window size=25, length=678, TE@ltr−1_family−1284@LTR_Pao:1−678
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=559, TE@ltr−1_family−127@Unknown:1−559
100
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
Window size=25, length=535, TE@ltr−1_family−1239@LTR_Pao:1−535
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=0, total=0
Window size=25, length=515, TE@ltr−1_family−1232@RC_Helitron:1−515
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0


AeAlbo_HeadThor_CHIKV.24_35.rep
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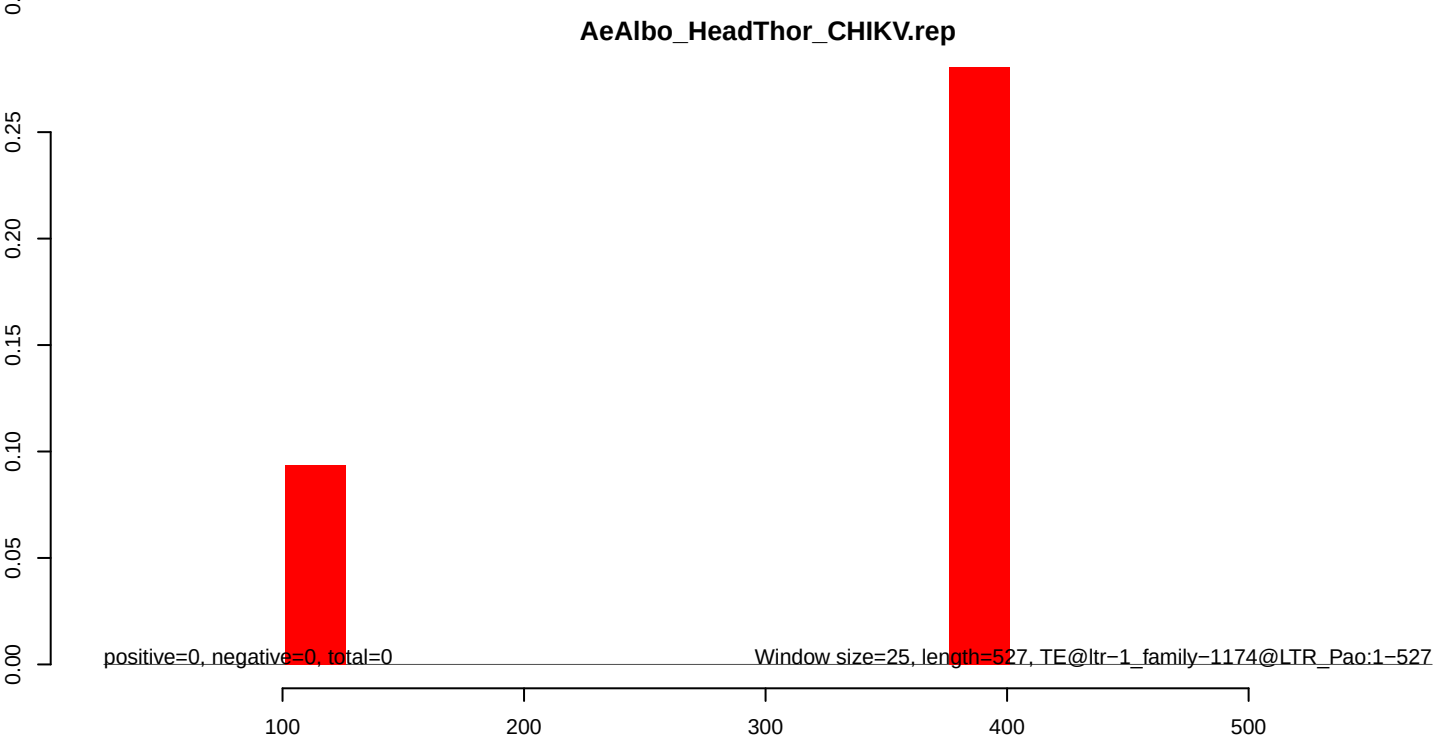
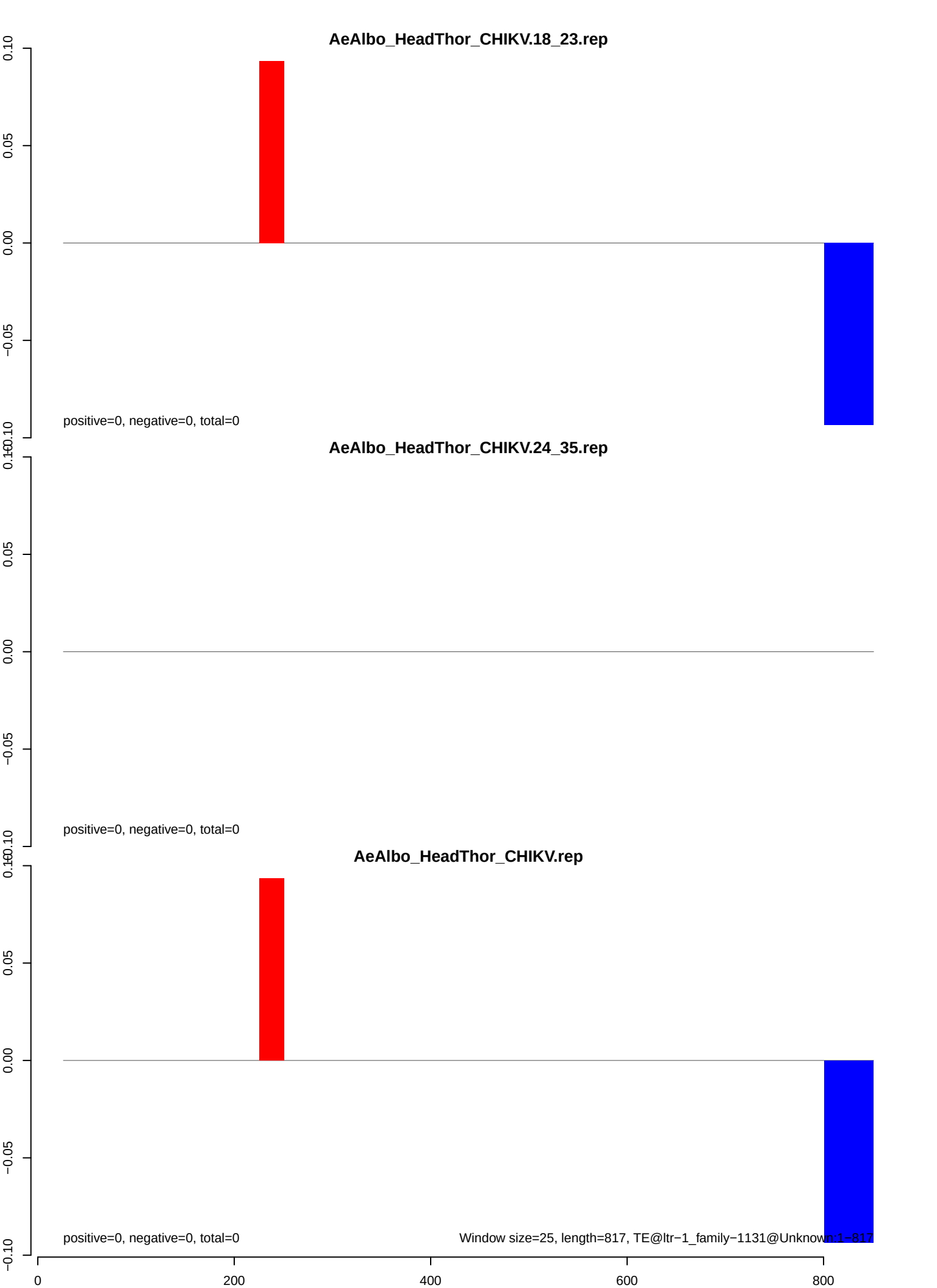
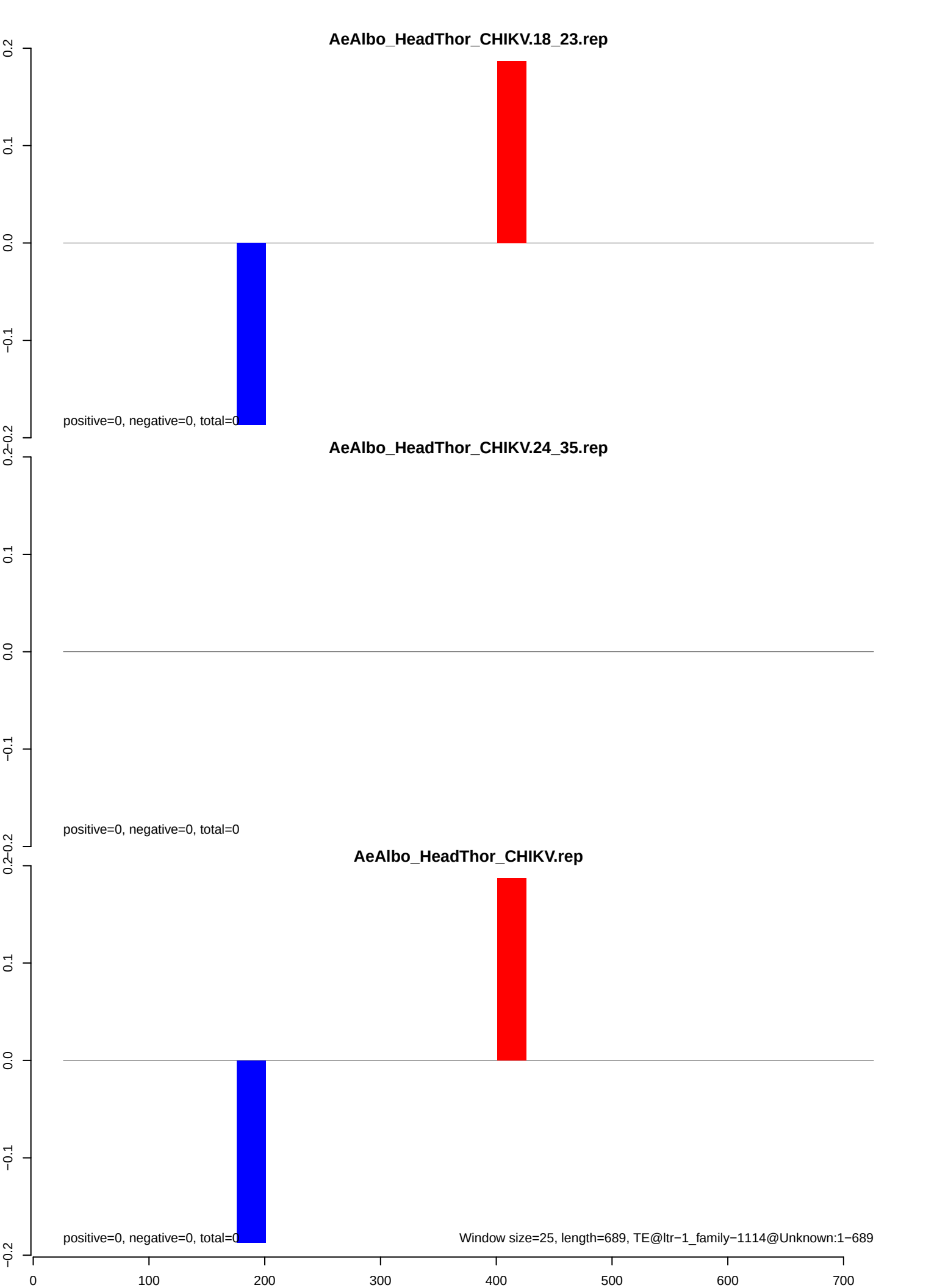
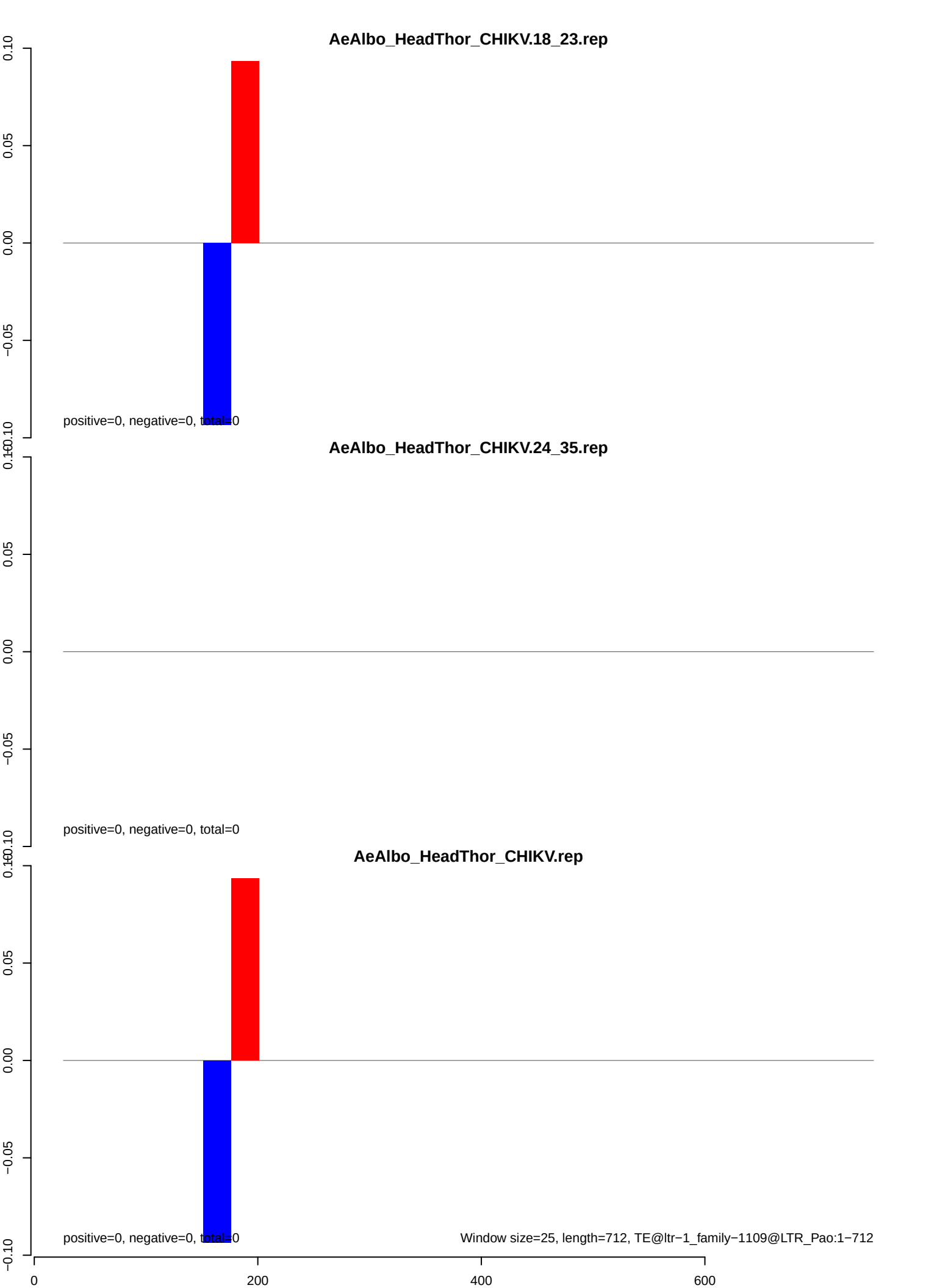
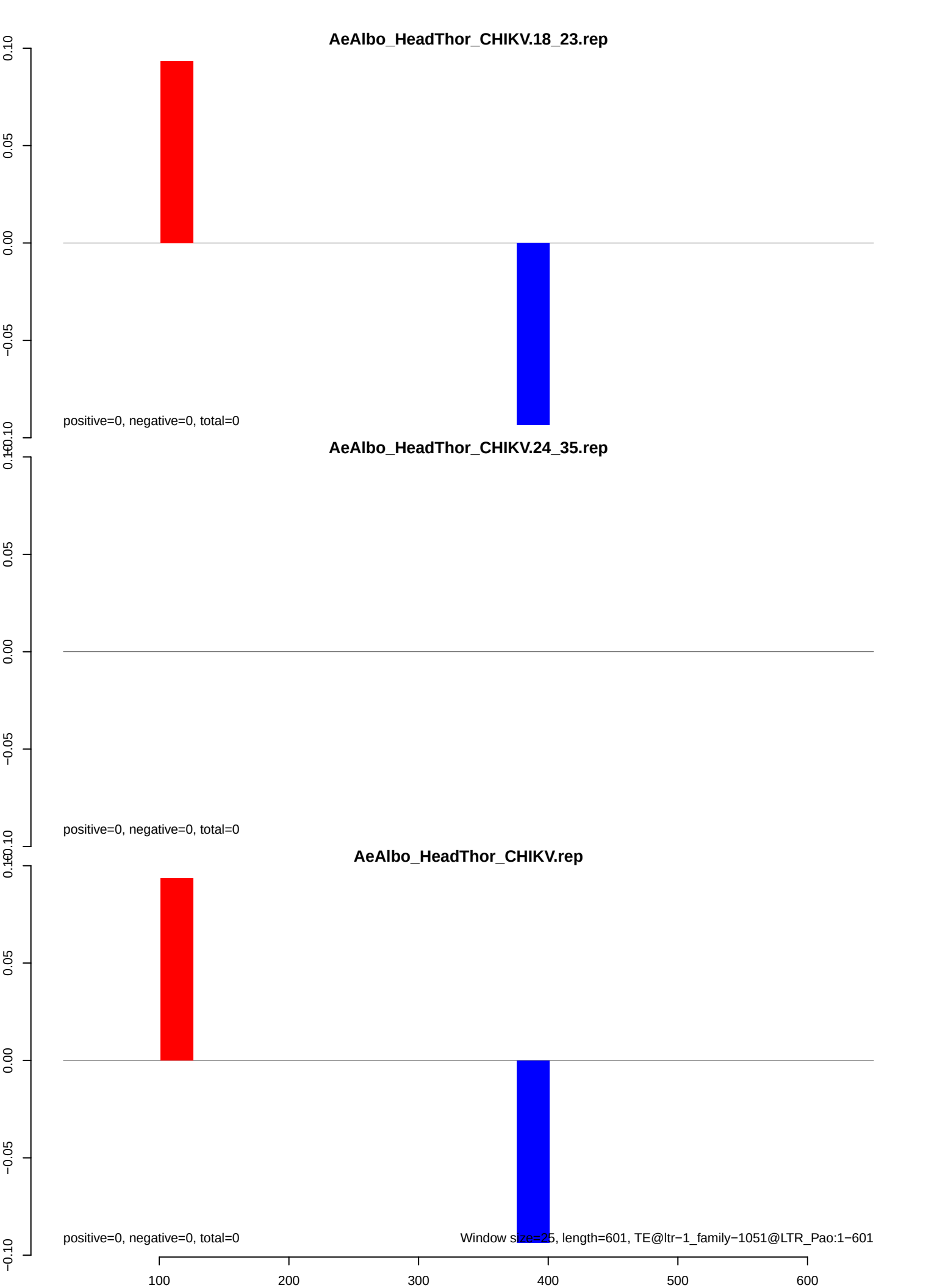
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0

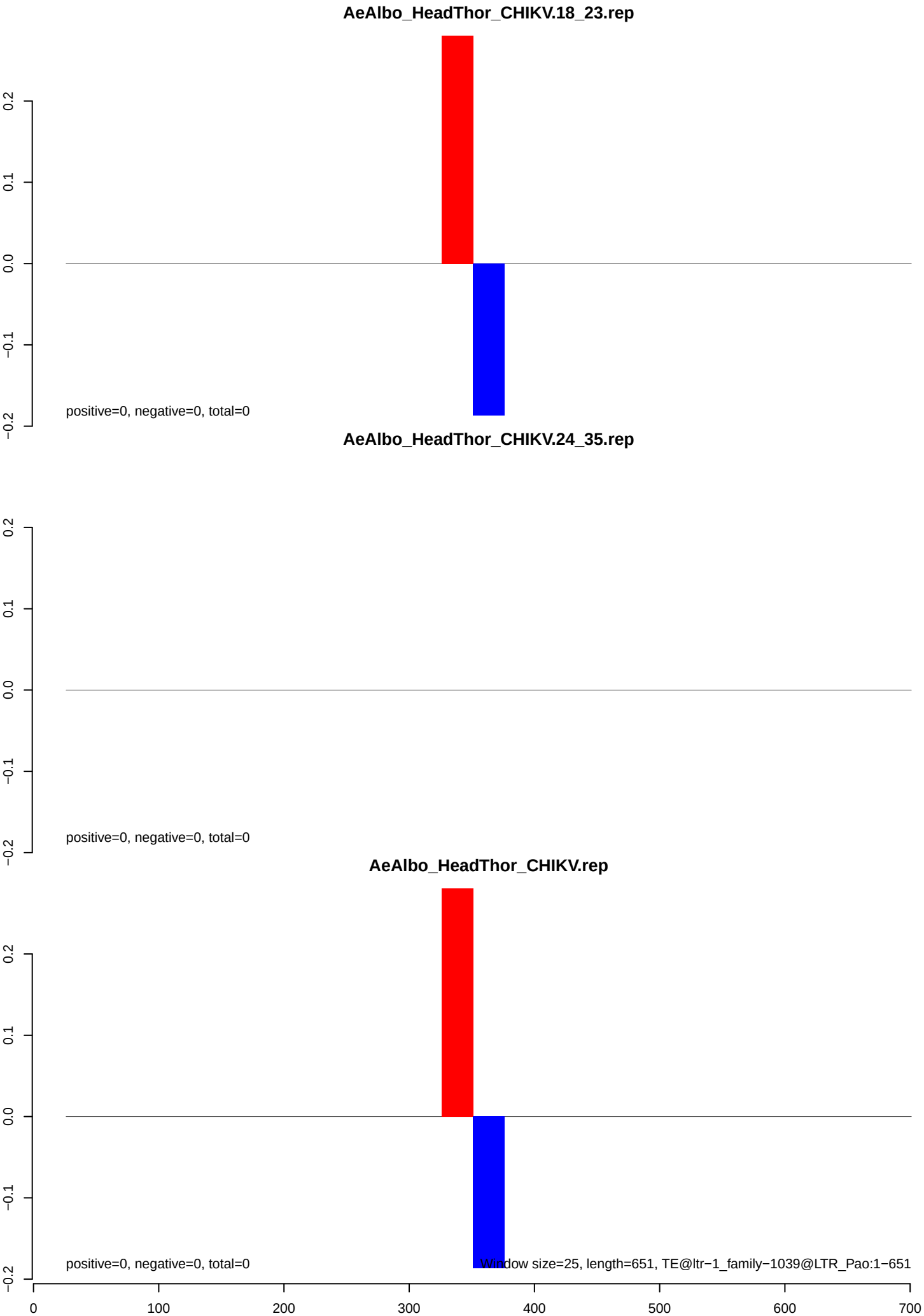

AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
Window size=25, length=527, TE@ltr−1_family−1174@LTR_Pao:1−527
100
200
300
400
500

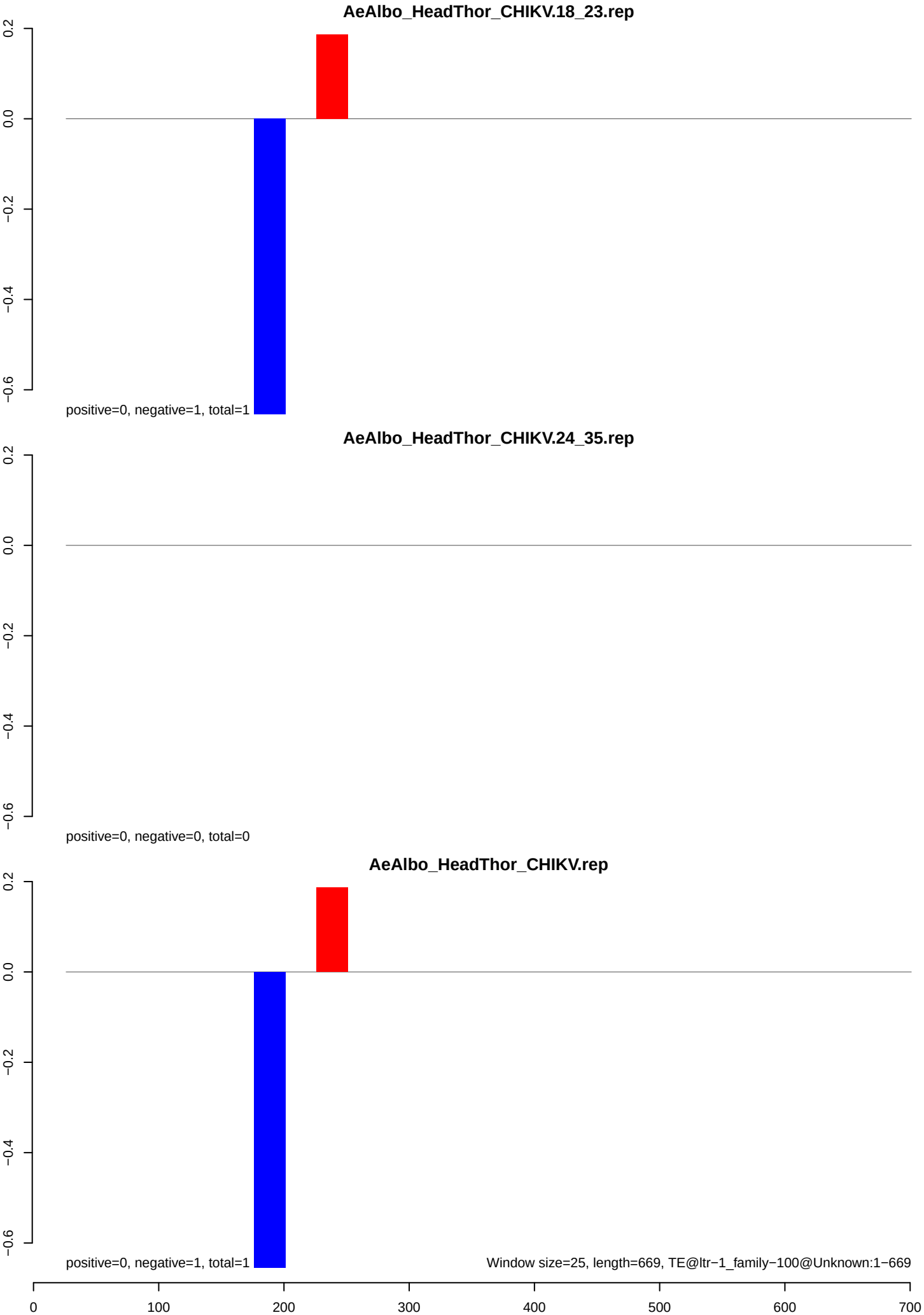

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=817, TE@ltr−1_family−1131@Unknown:1−817
0
200
400
600
800

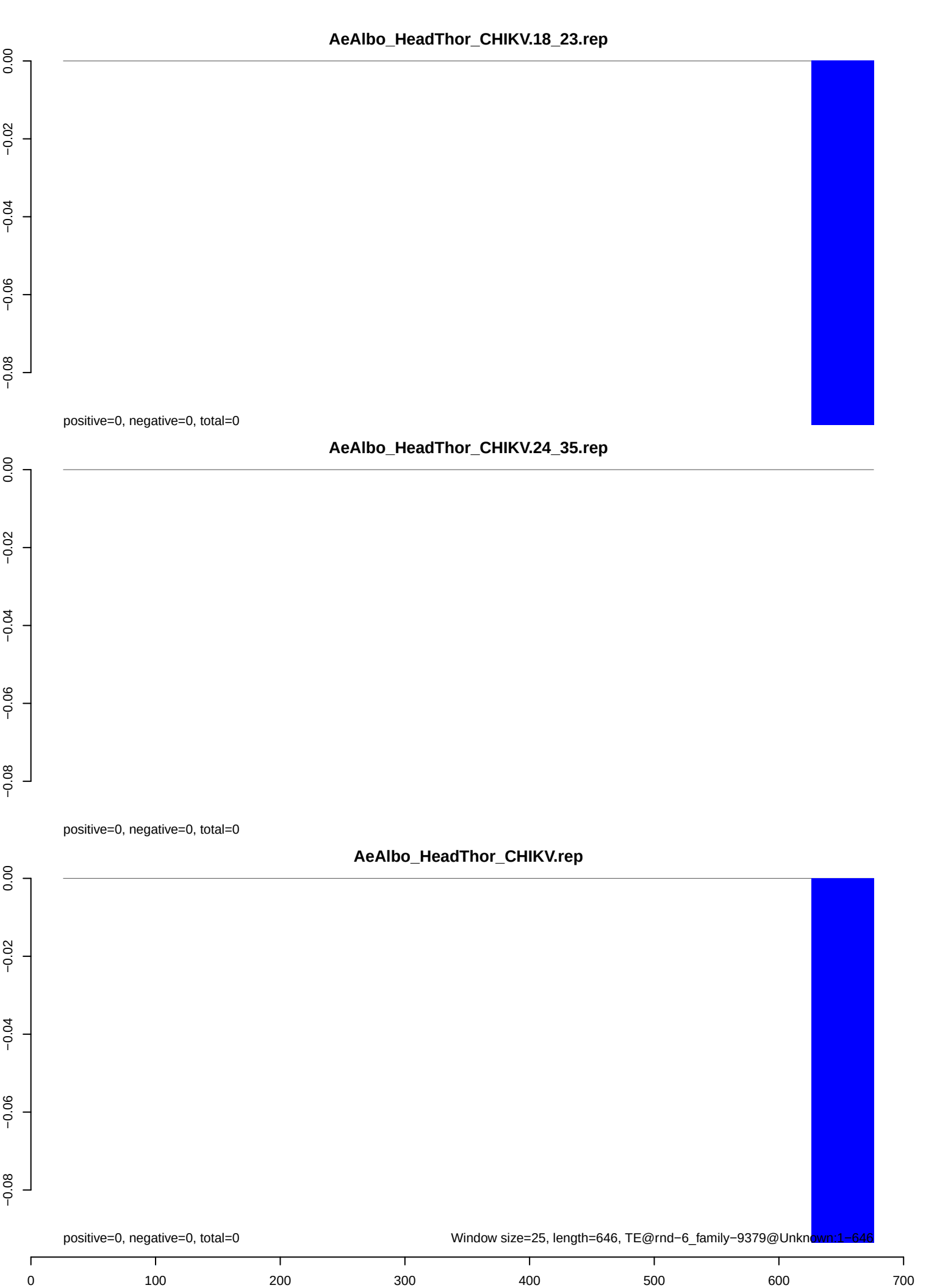

AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=689, TE@ltr−1_family−1114@Unknown:1−689
0.2
0.1
0.0
−0.1
−0.2
0
100
200
300
400
500
600
700

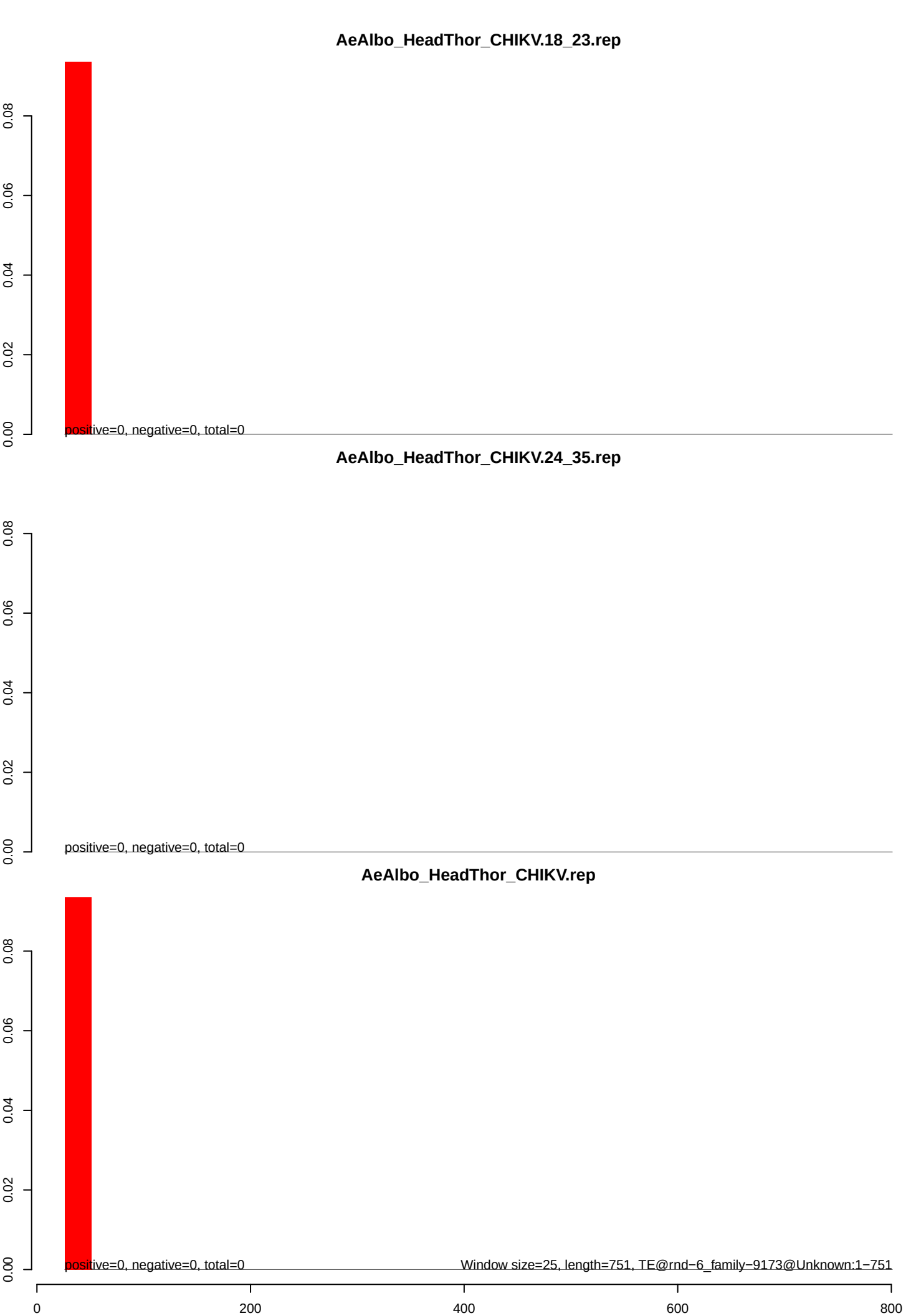

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=712, TE@ltr−1_family−1109@LTR_Pao:1−712
0
200
400
600

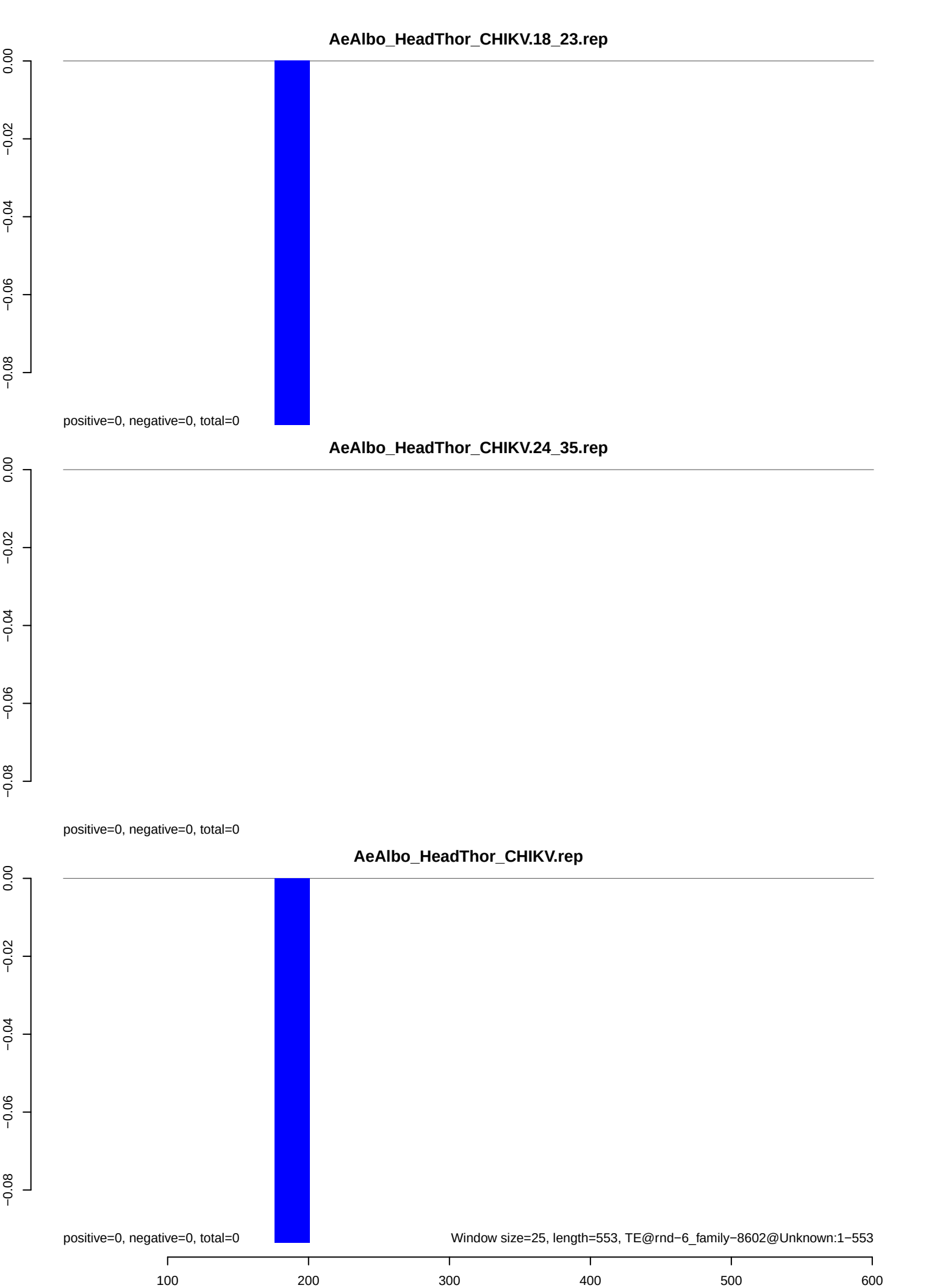

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=601, TE@ltr−1_family−1051@LTR_Pao:1−601
100
200
300
400
500
600

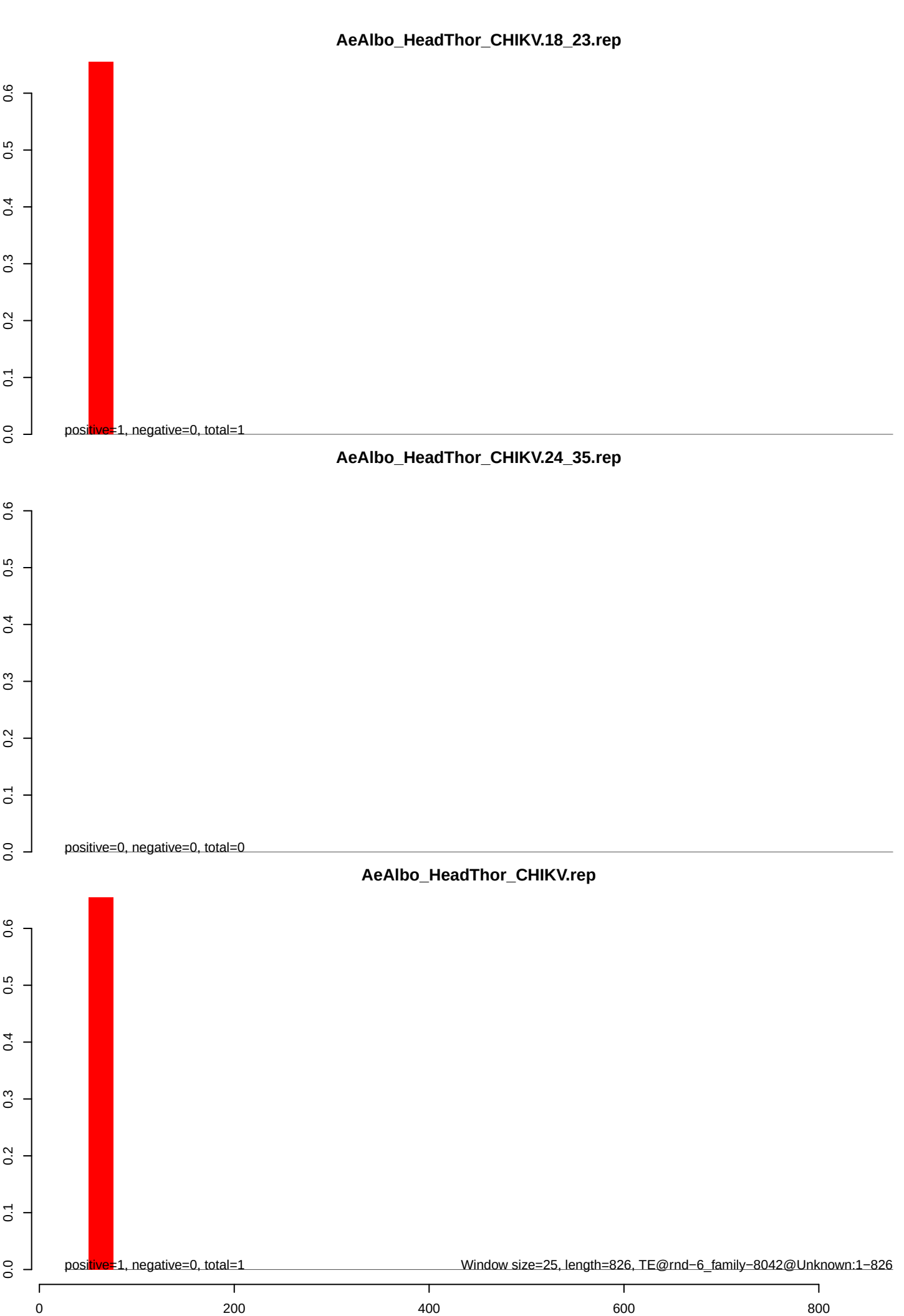

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.1
0.0
−0.1
−0.2
positive=0, negative=0, total=0
Window size=25, length=651, TE@ltr−1_family−1039@LTR_Pao:1−651
0
100
200
300
400
500
600
700

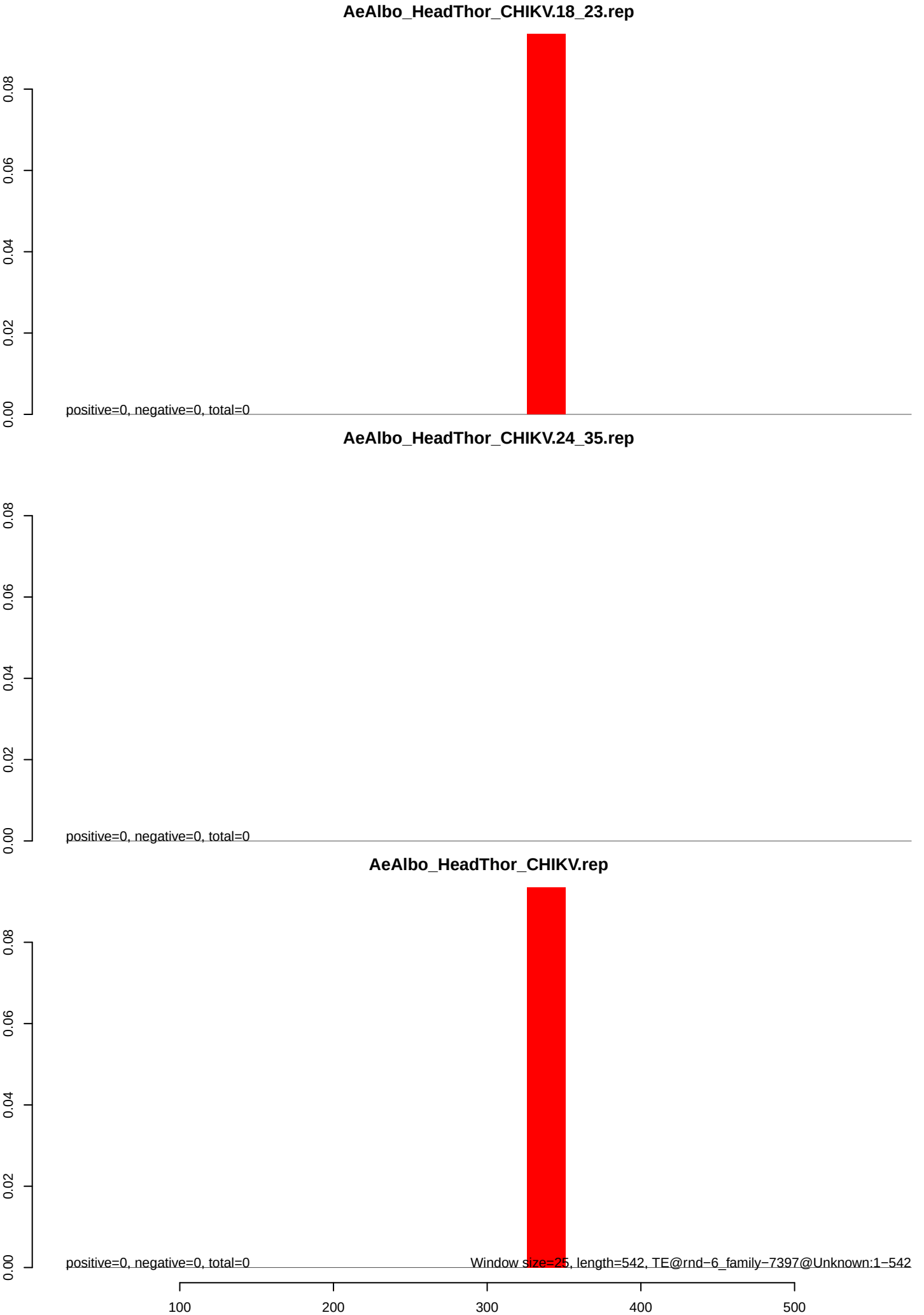

AeAlbo_HeadThor_CHIKV.18_23.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.2
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=669, TE@ltr−1_family−100@Unknown:1−669
0
100
200
300
400
500
600
700

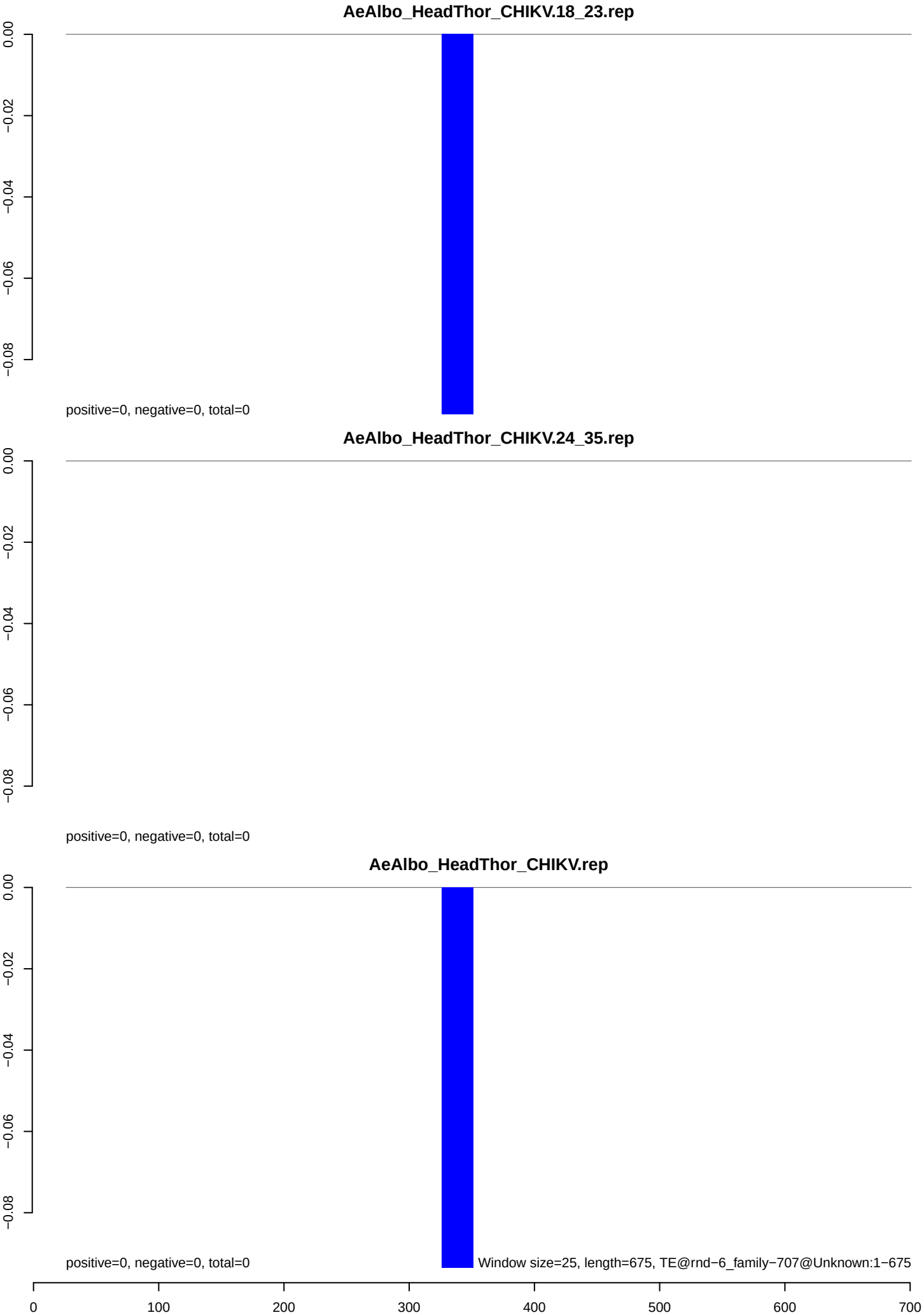

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=646, TE@rnd−6_family−9379@Unknown:1−646
0
100
200
300
400
500
600
700

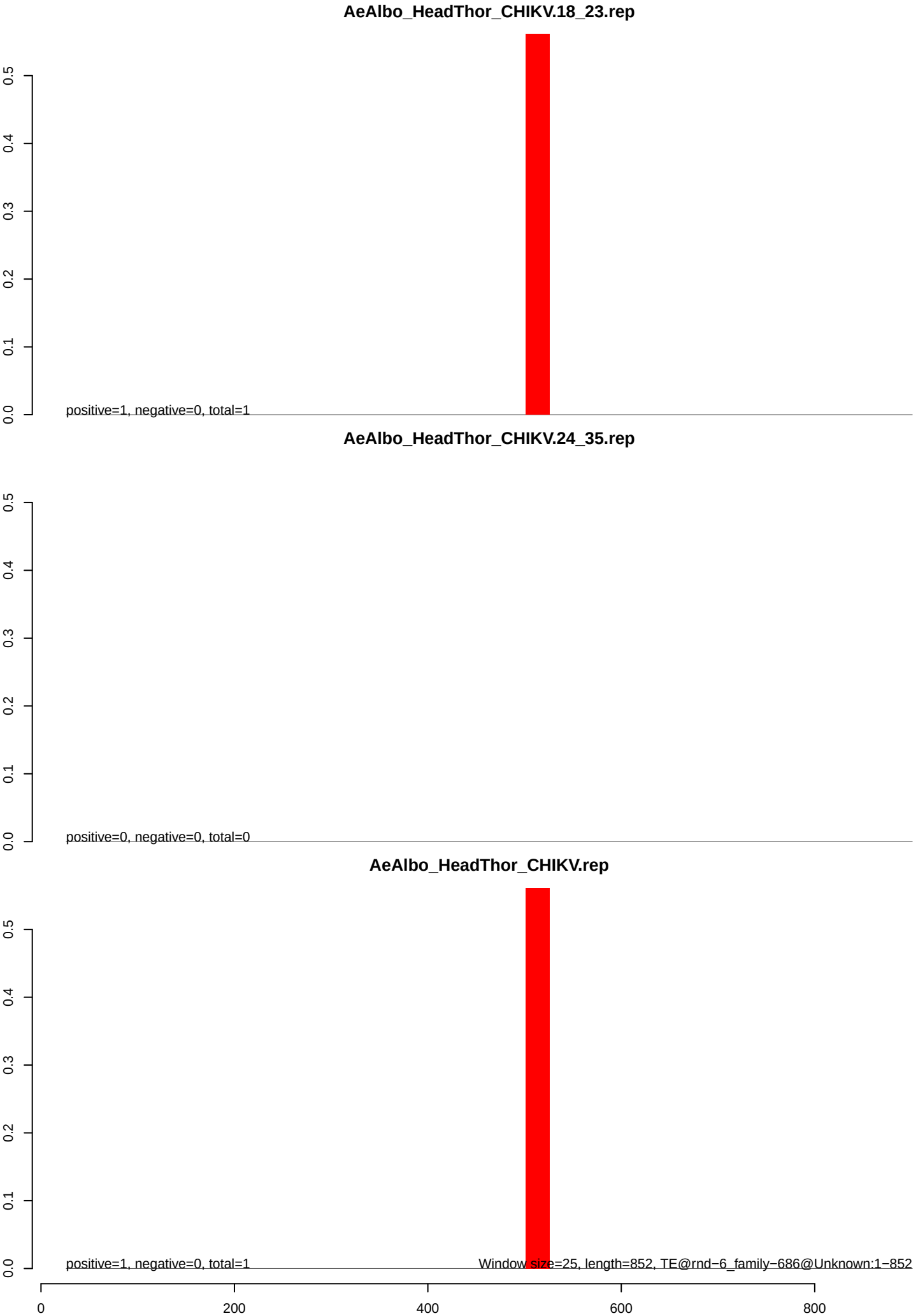

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=751, TE@rnd−6_family−9173@Unknown:1−751
0
200
400
600
800

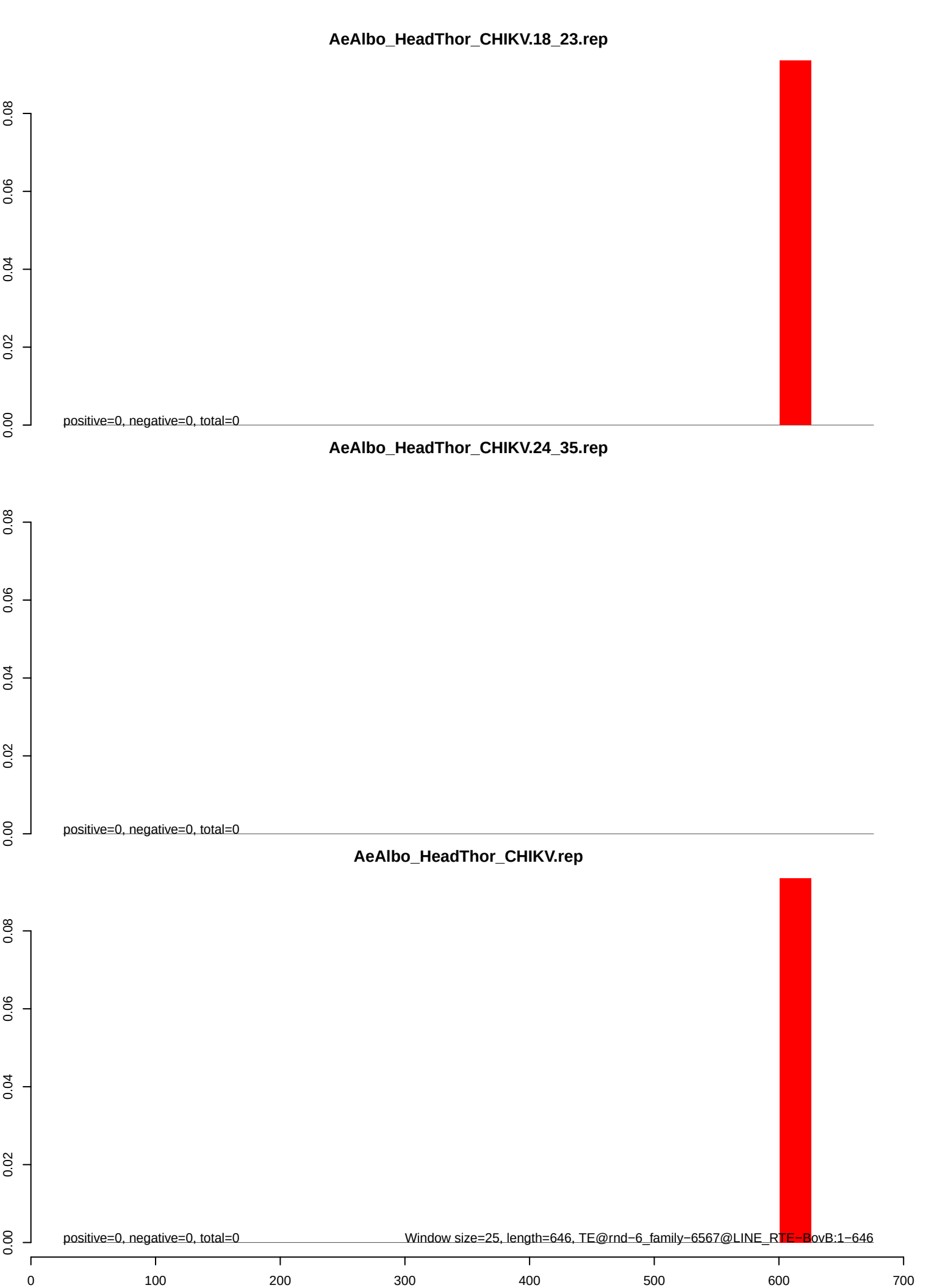

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=553, TE@rnd−6_family−8602@Unknown:1−553
100
200
300
400
500
600

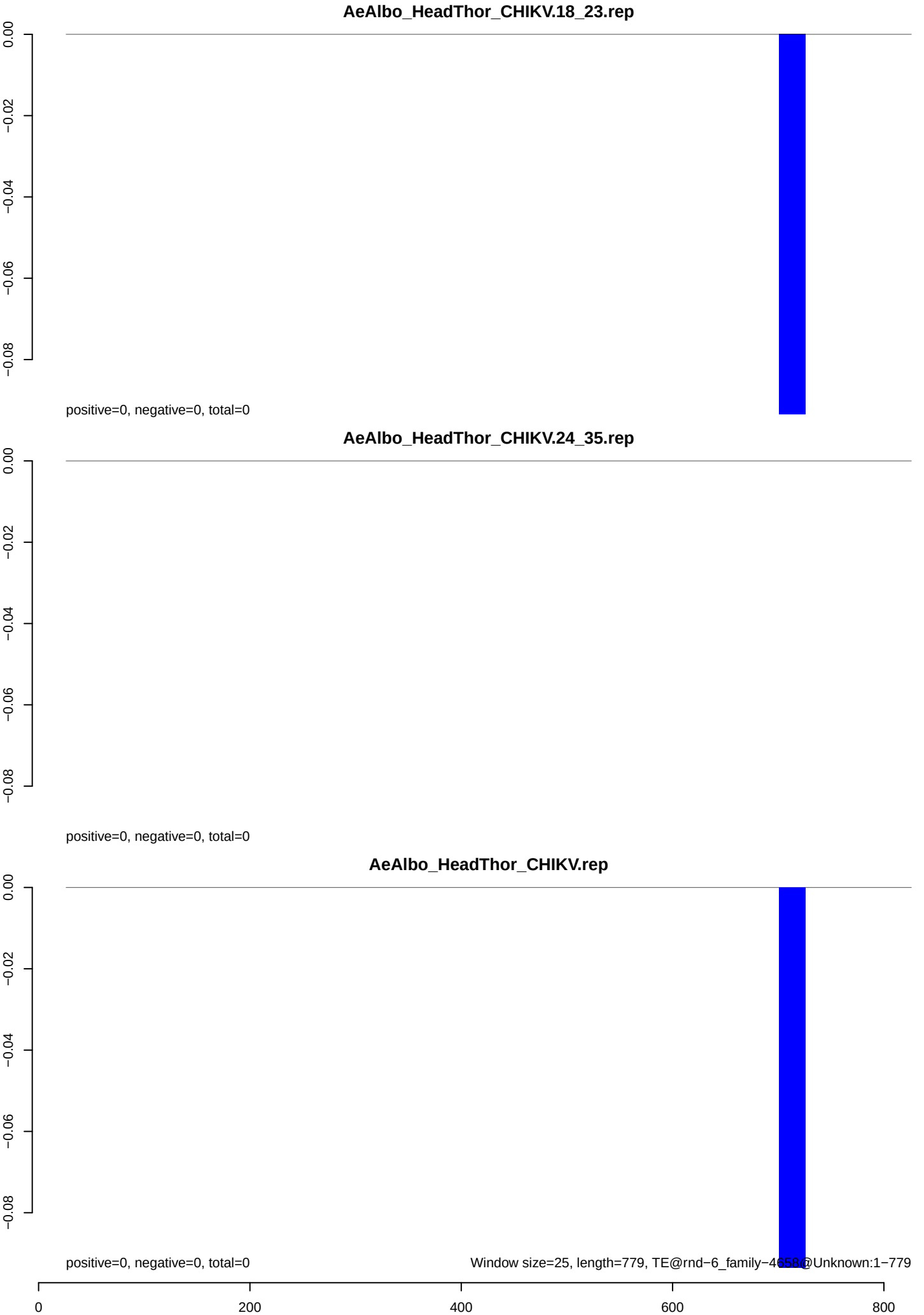

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=1, negative=0, total=1
Window size=25, length=826, TE@rnd−6_family−8042@Unknown:1−826
0
200
400
600
800

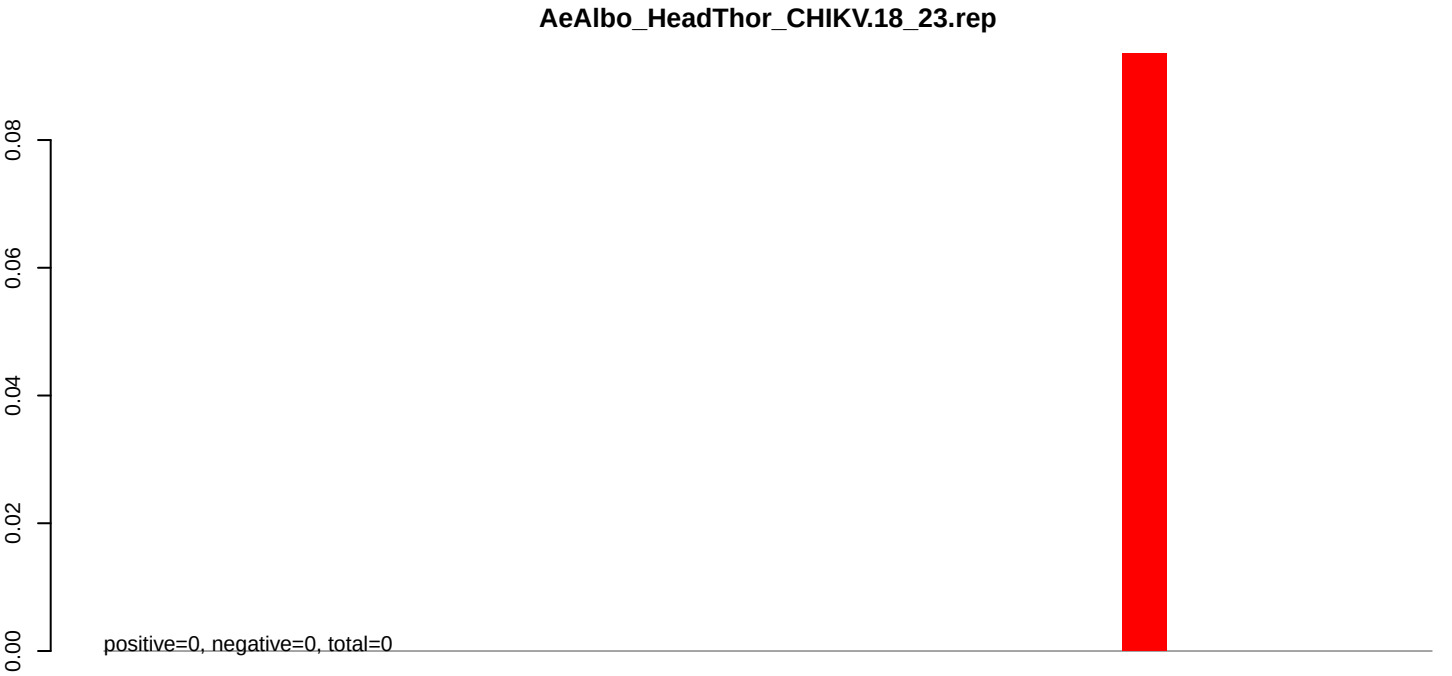

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=542, TE@rnd−6_family−7397@Unknown:1−542
100
200
300
400
500

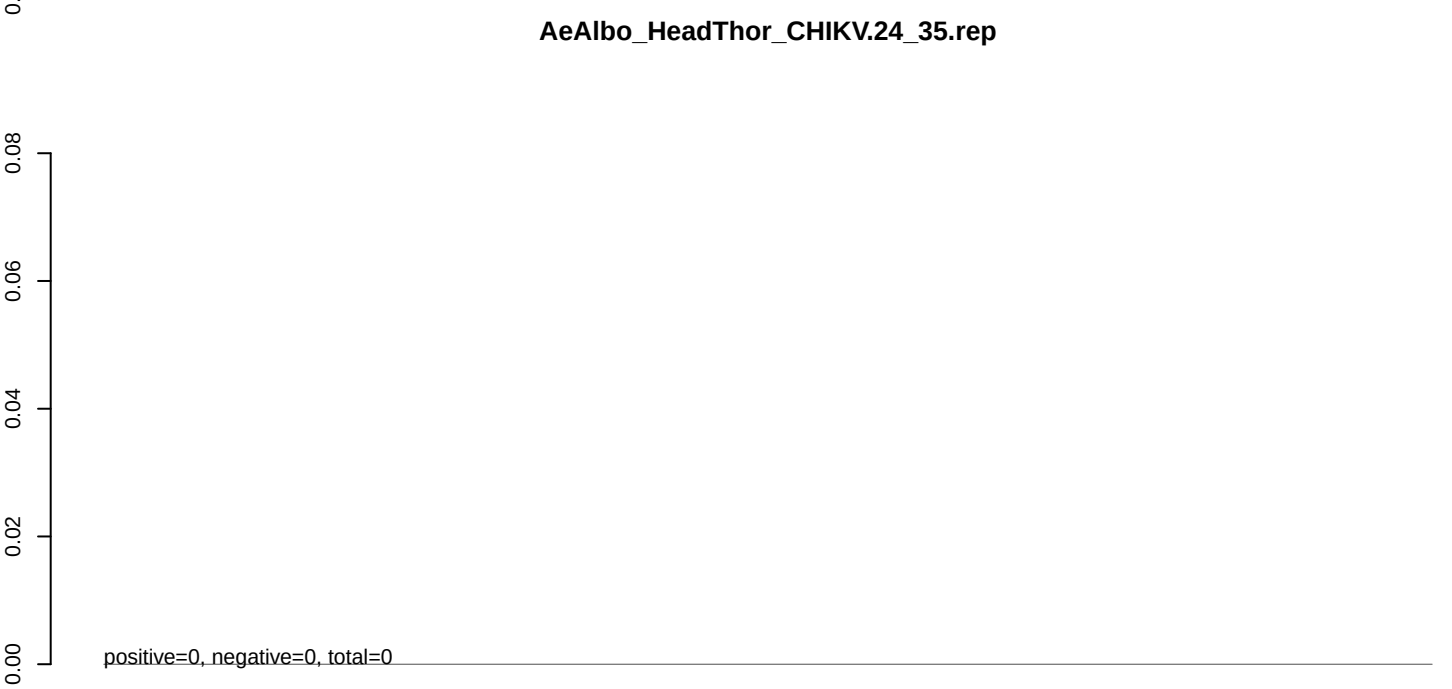

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=675, TE@rnd−6_family−707@Unknown:1−675
0
100
200
300
400
500
600
700

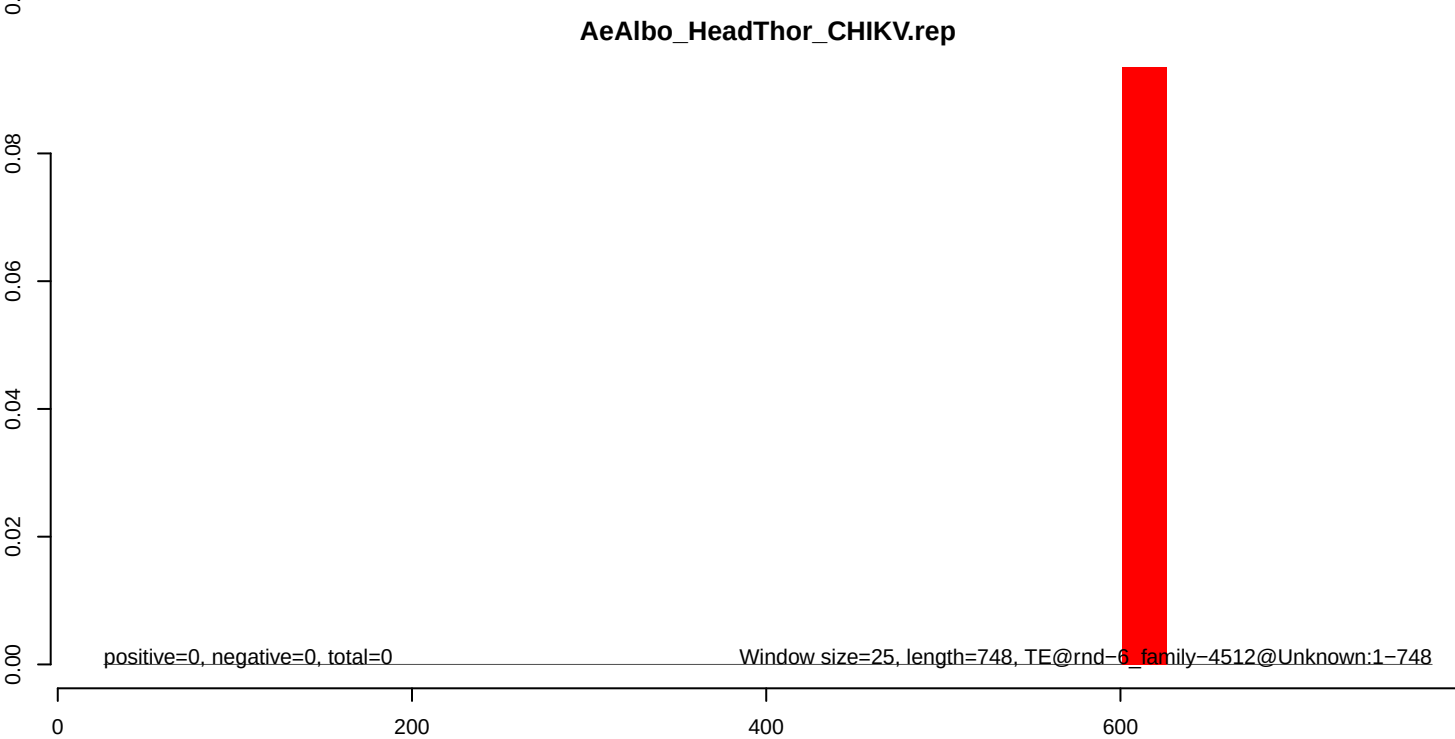

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
0.5
positive=1, negative=0, total=1
Window size=25, length=852, TE@rnd−6_family−686@Unknown:1−852
0
200
400
600
800

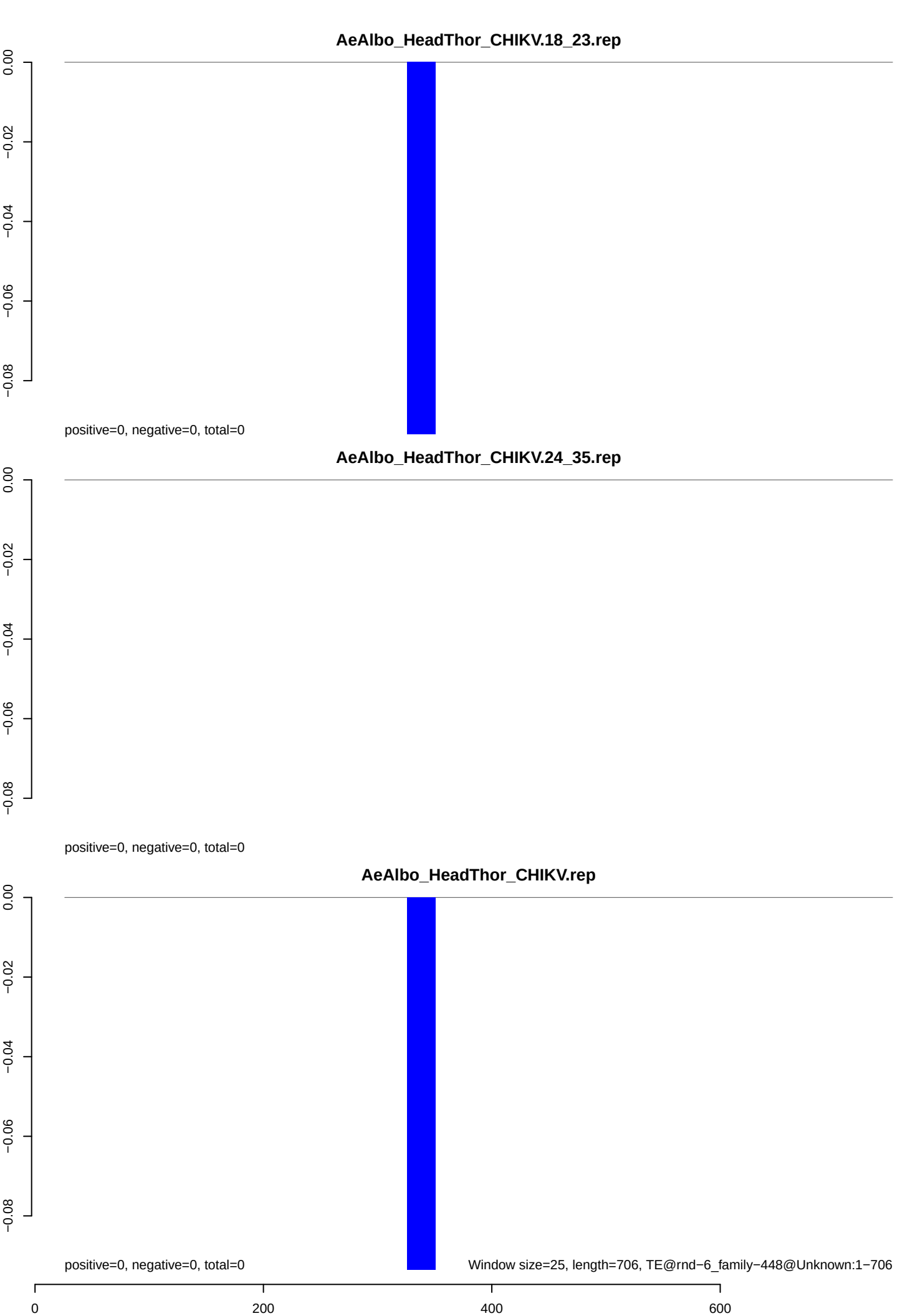

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=646, TE@rnd−6_family−6567@LINE_RTE−BovB:1−646
0
100
200
300
400
500
600
700

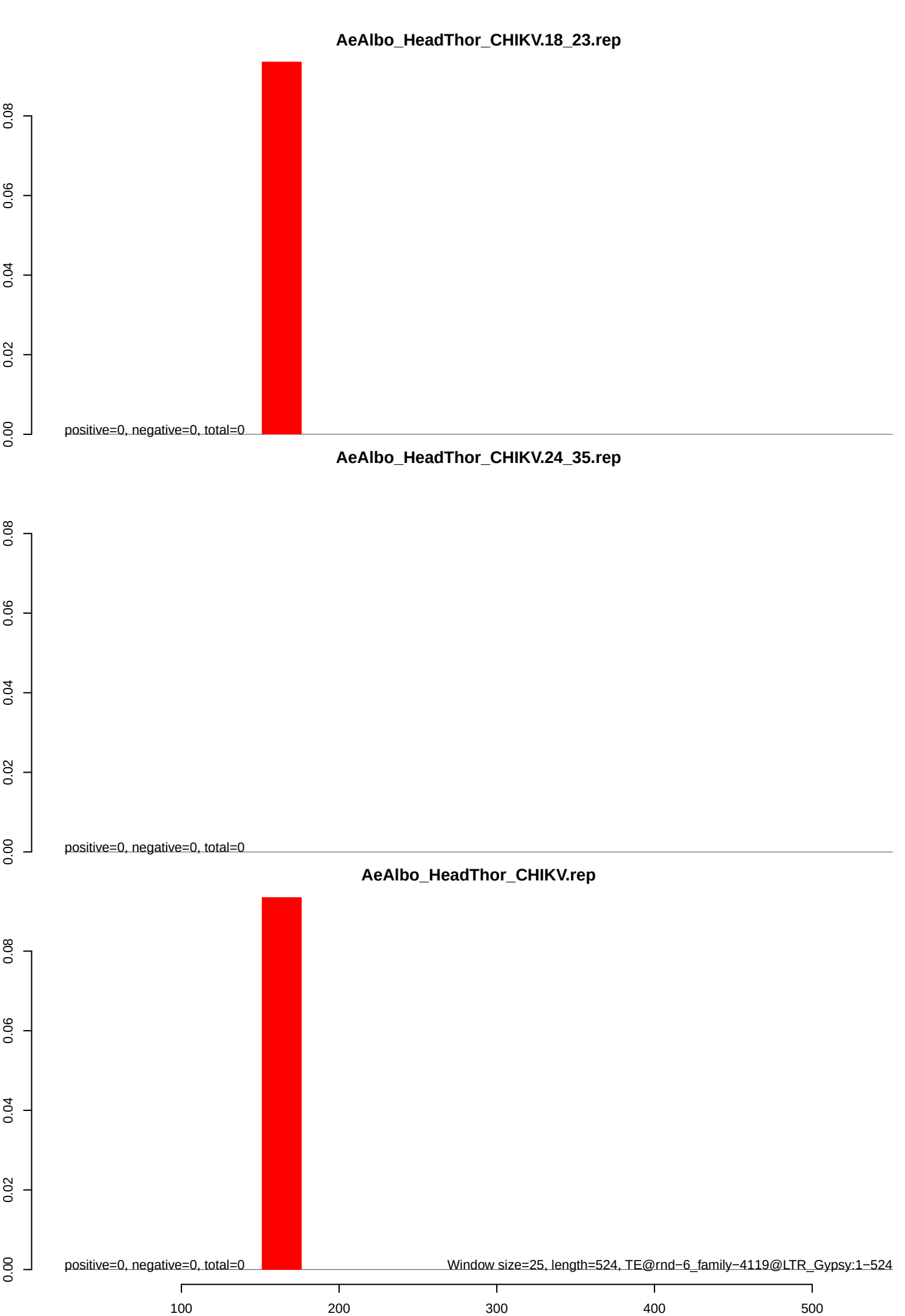

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=779, TE@rnd−6_family−4658@Unknown:1−779
0
200
400
600
800

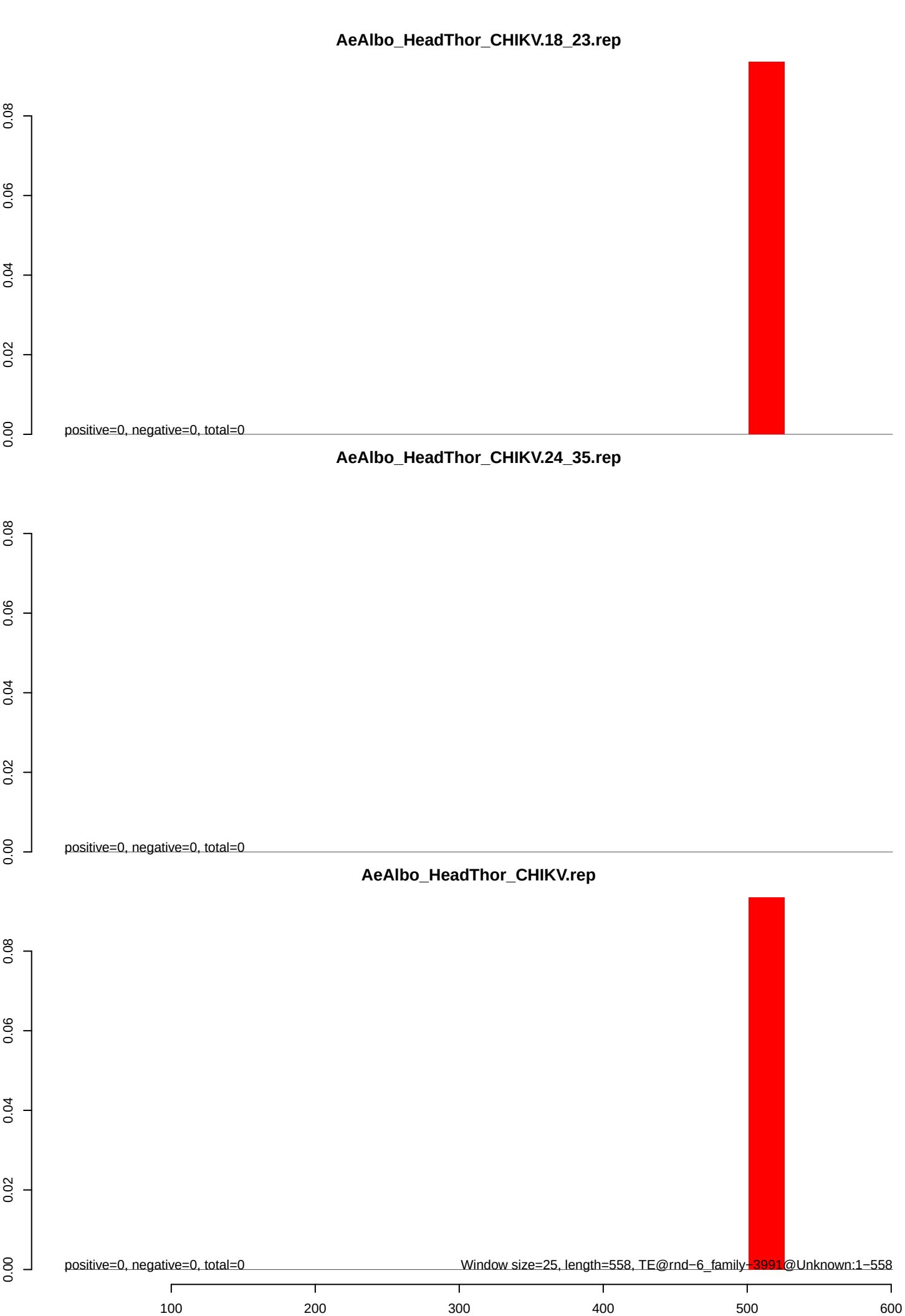

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

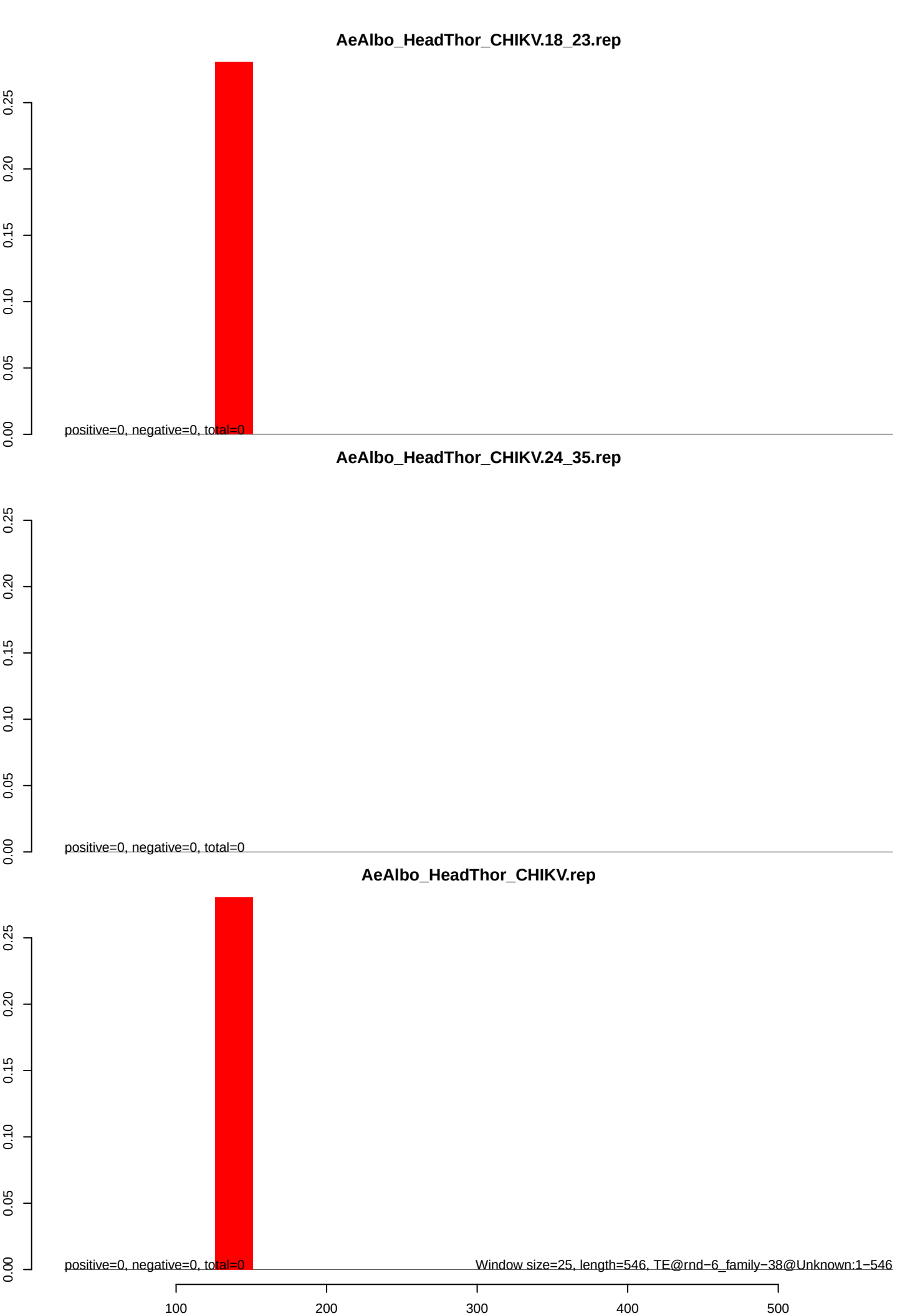

AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0

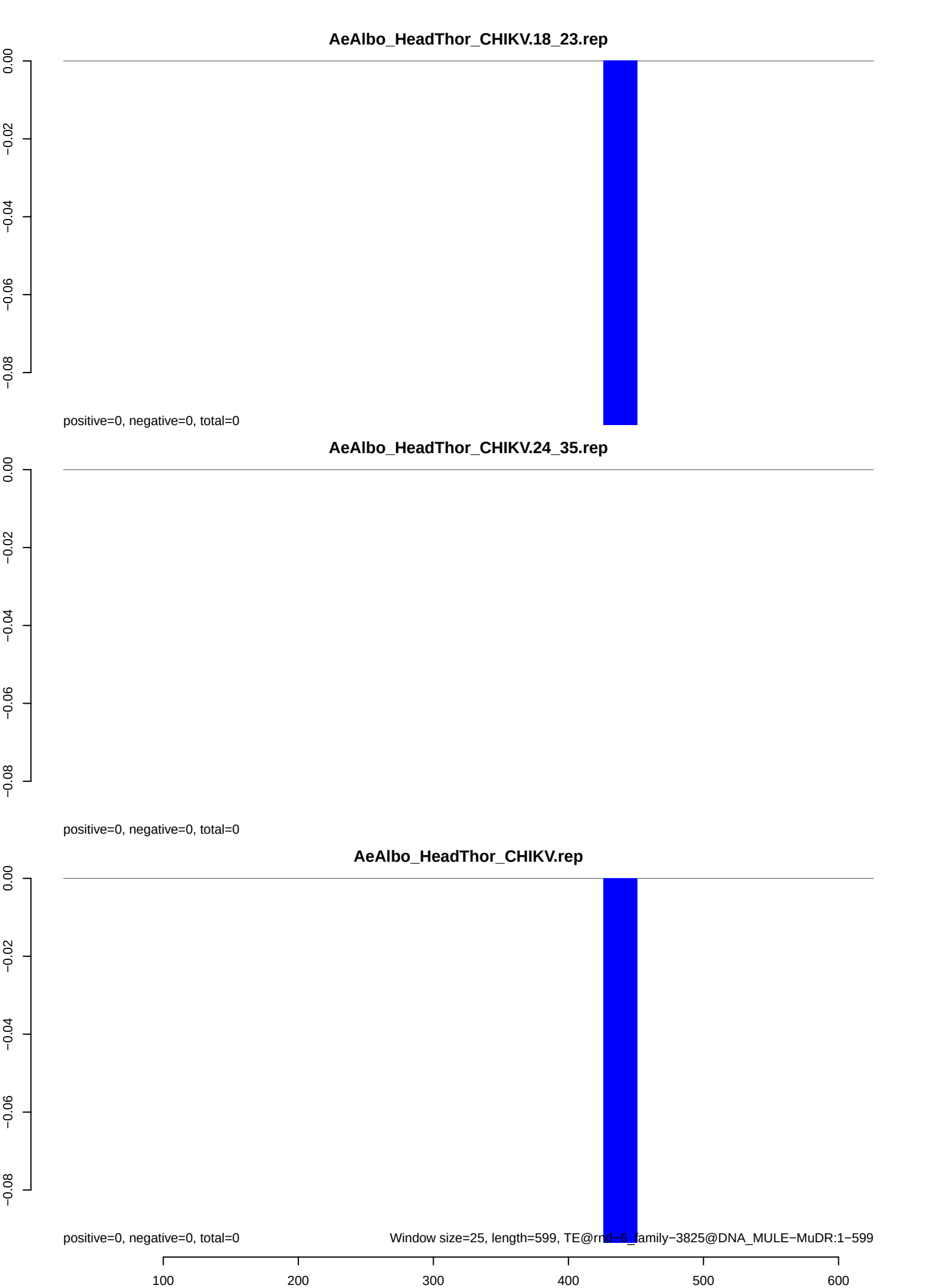

AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=748, TE@rnd-6_family-4512@Unknown:1-748
0
200
400
600
800

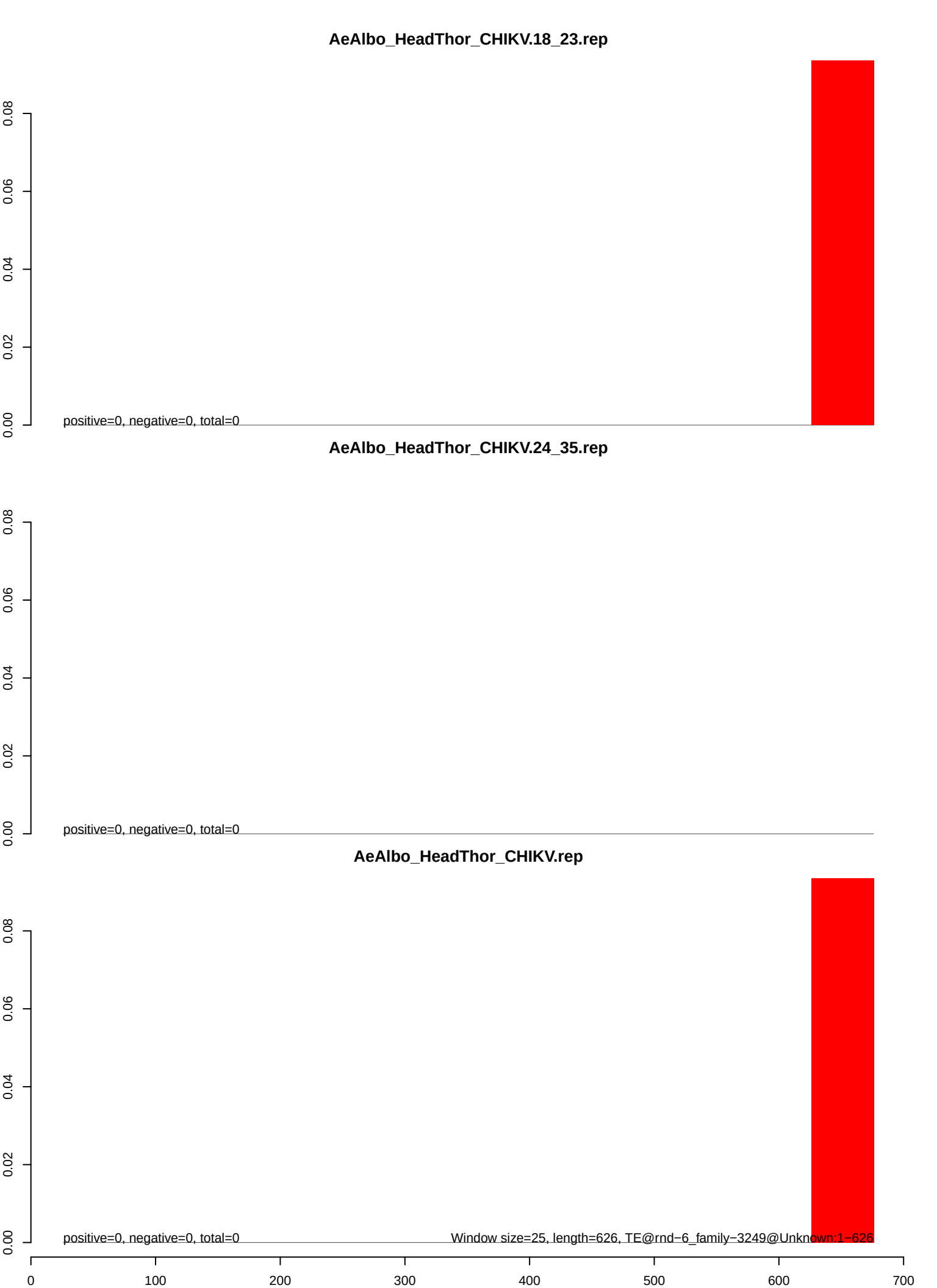

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=706, TE@rnd−6_family−448@Unknown:1−706
0
200
400
600

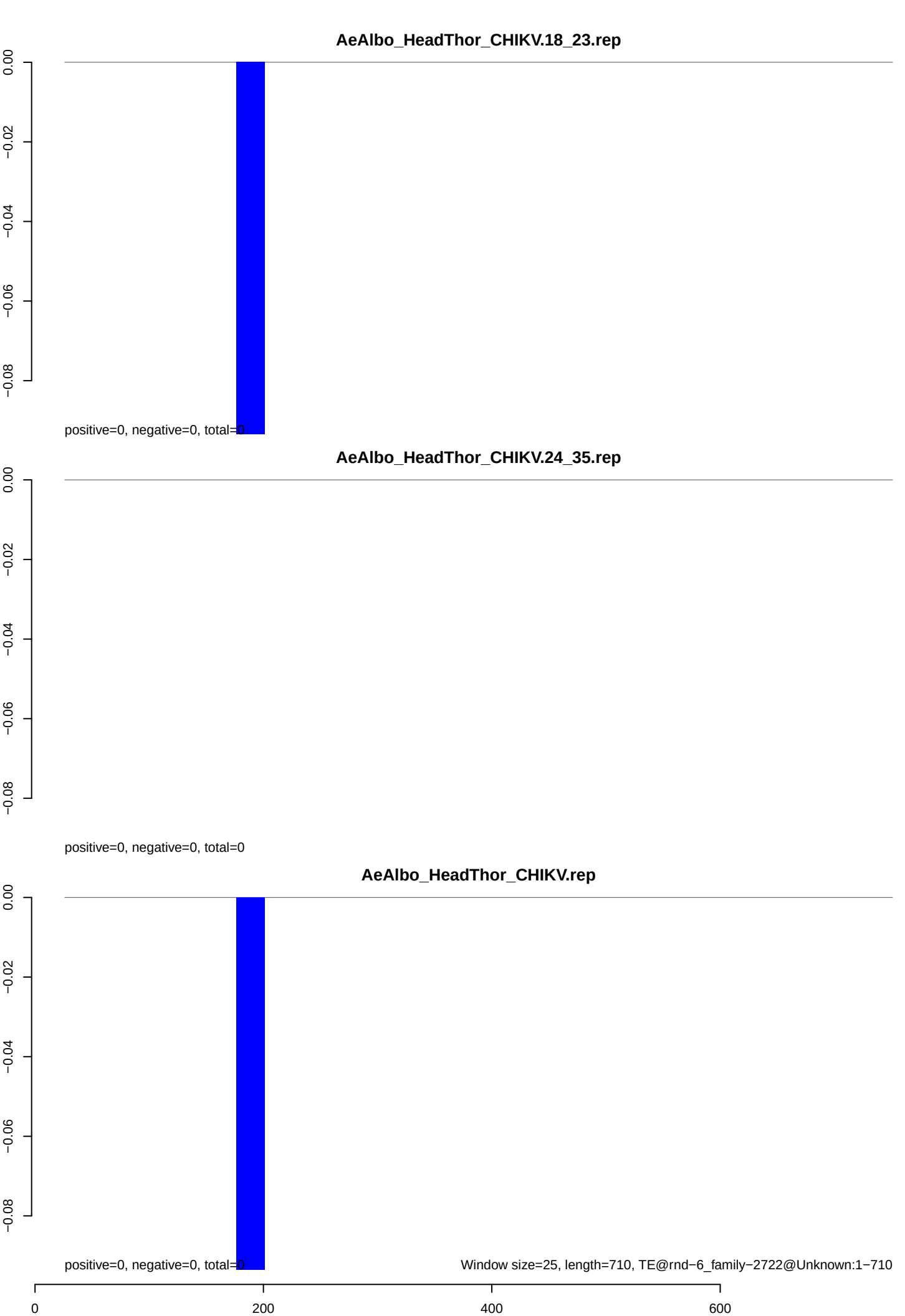

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=524, TE@rnd−6_family−4119@LTR_Gypsy:1−524
100
200
300
400
500

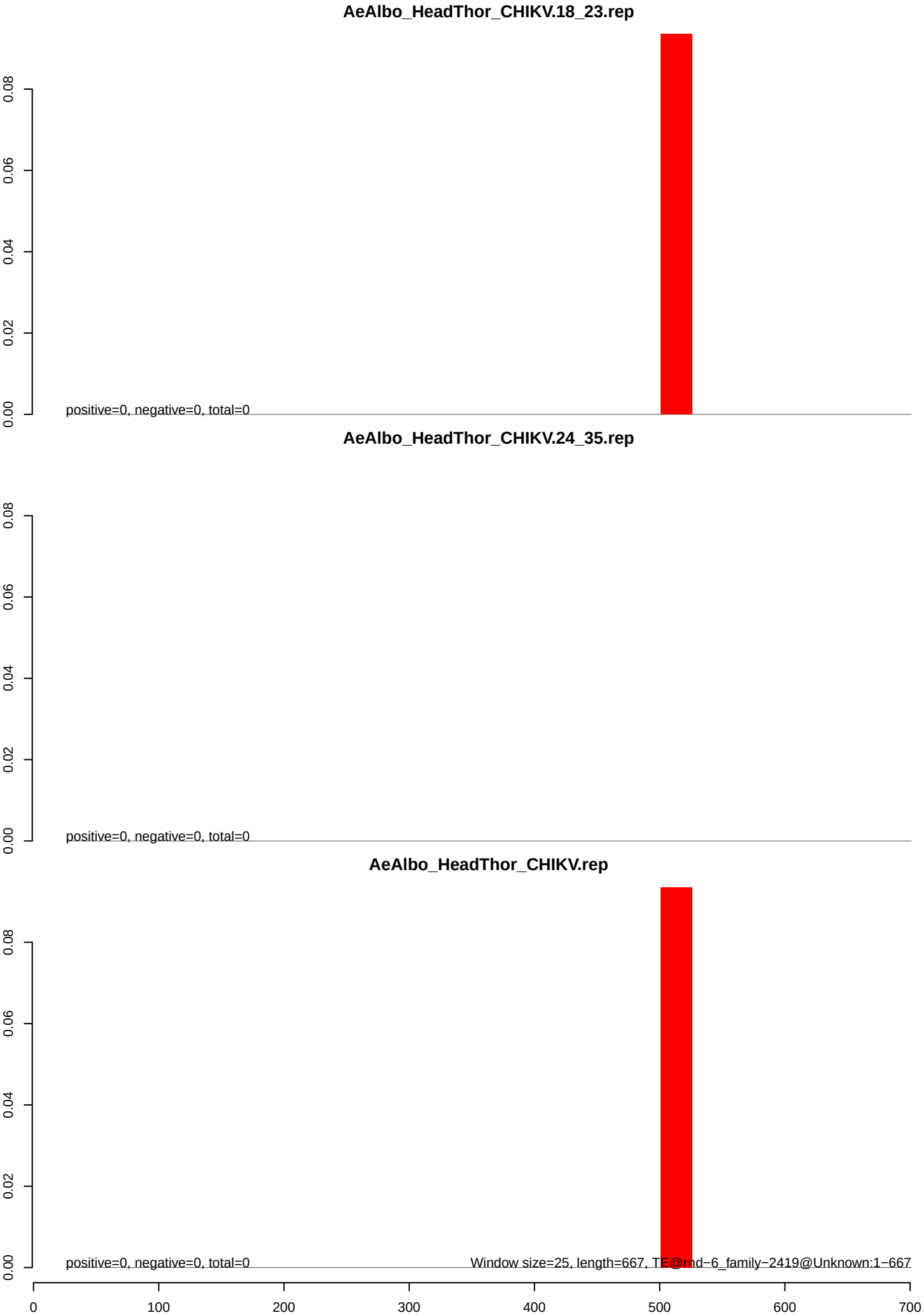

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=558, TE@rnd−6_family−3991@Unknown:1−558
100
200
300
400
500
600

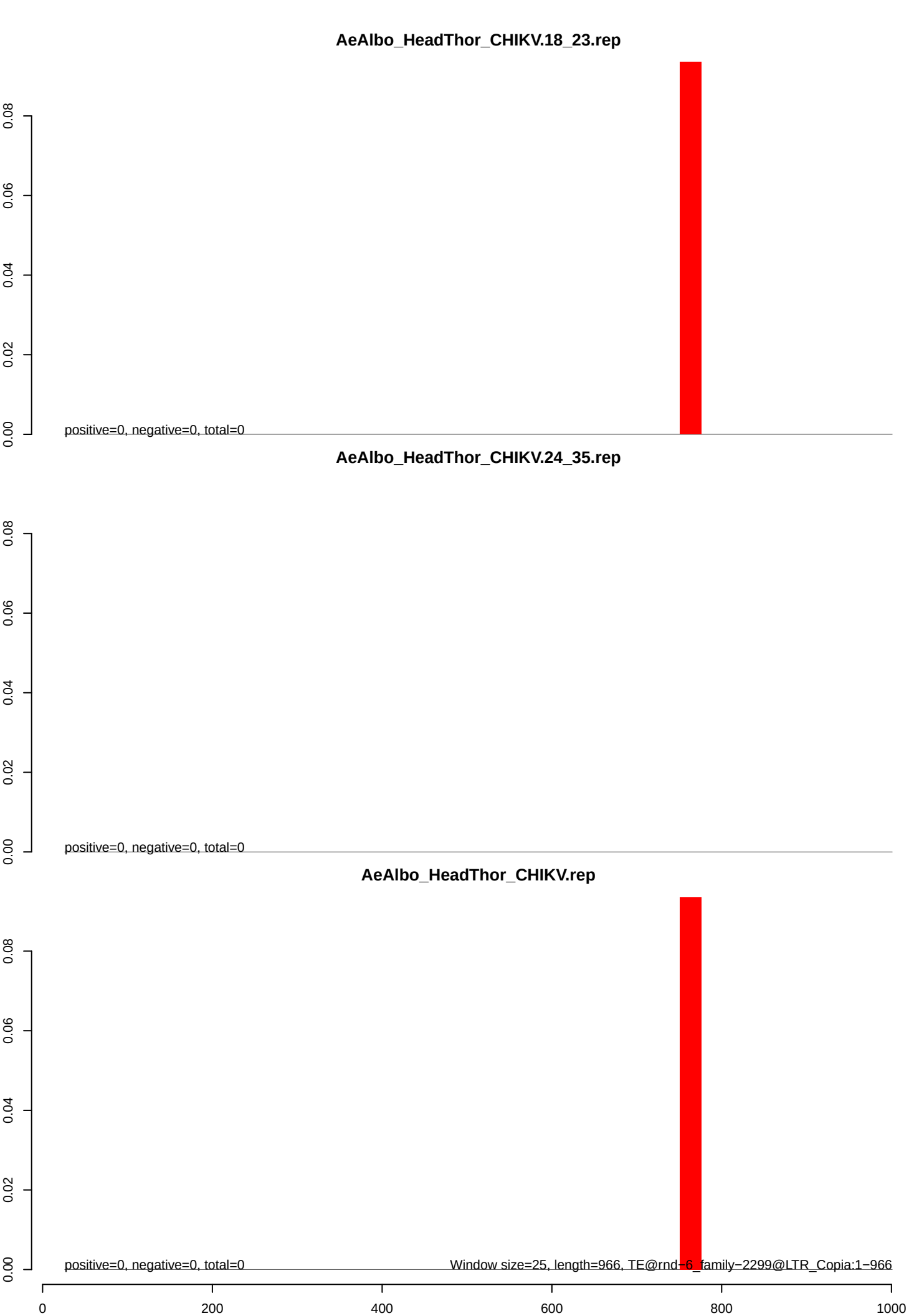

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
Window size=25, length=546, TE@rnd−6_family−38@Unknown:1−546
100
200
300
400
500

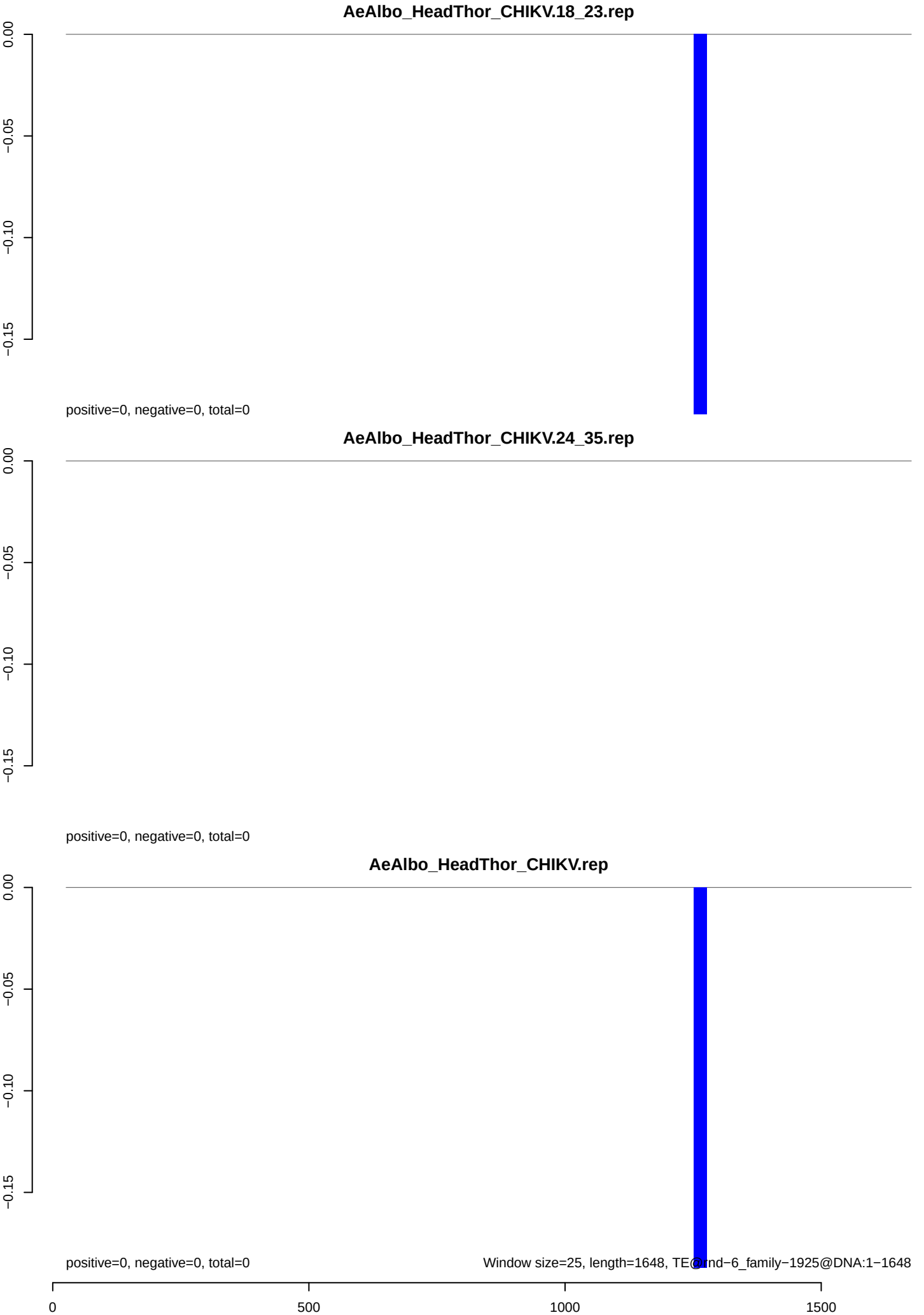

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=599, TE@rnd−6_family−3825@DNA_MULE−MuDR:1−599
100
200
300
400
500
600

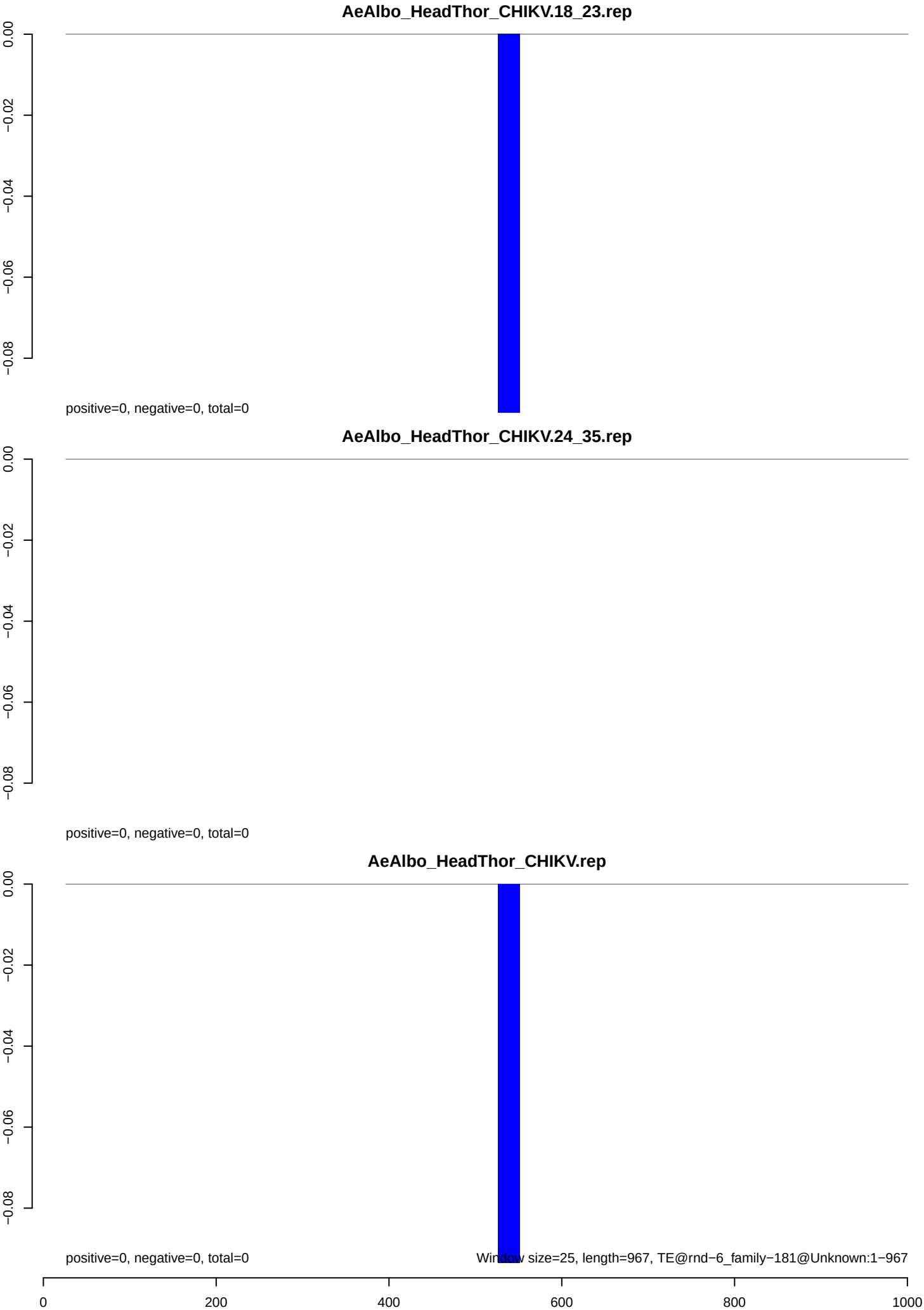

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=626, TE@rnd−6_family−3249@Unknown:1−626
0
100
200
300
400
500
600
700

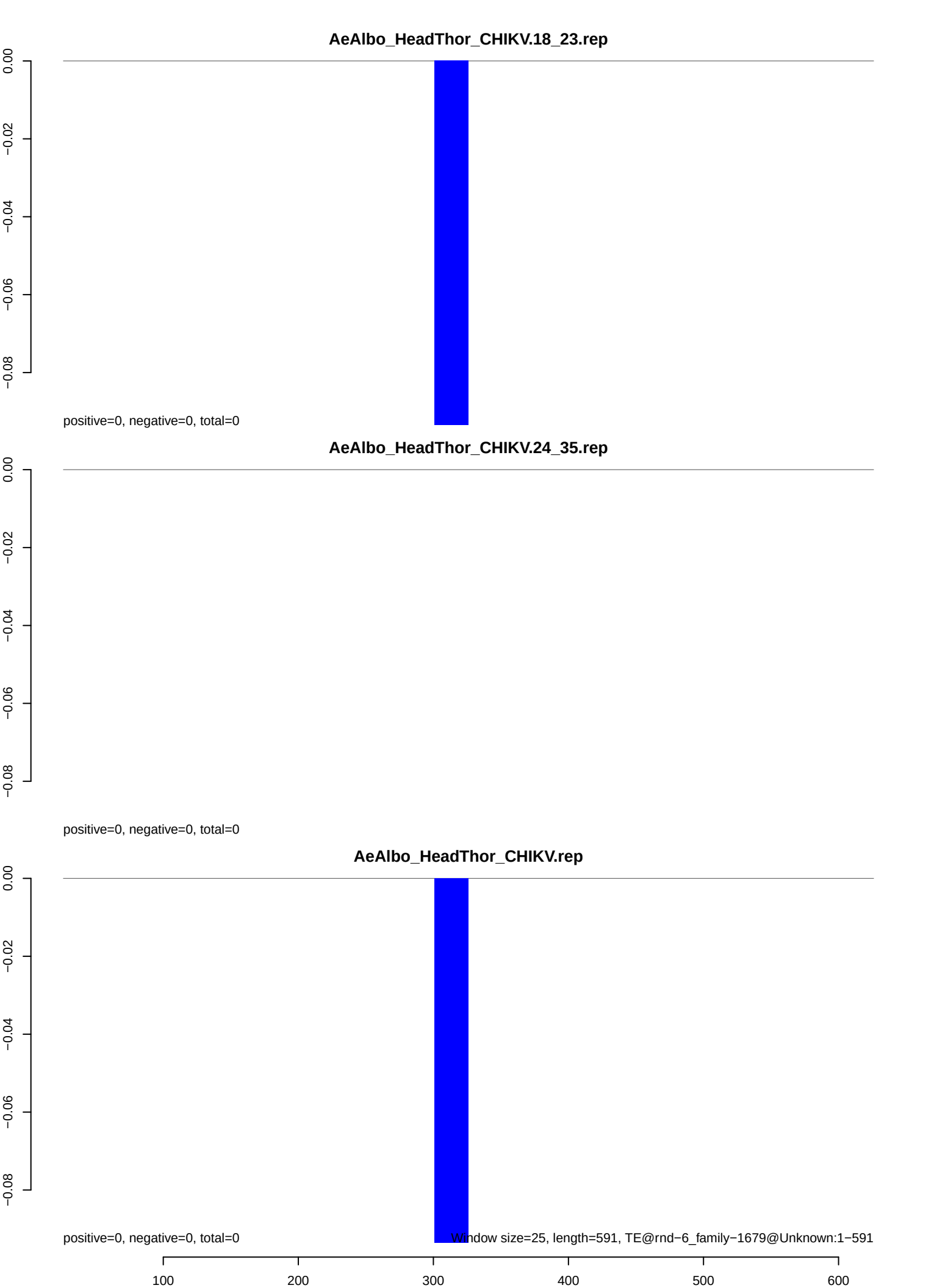

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=710, TE@rnd−6_family−2722@Unknown:1−710
0
200
400
600

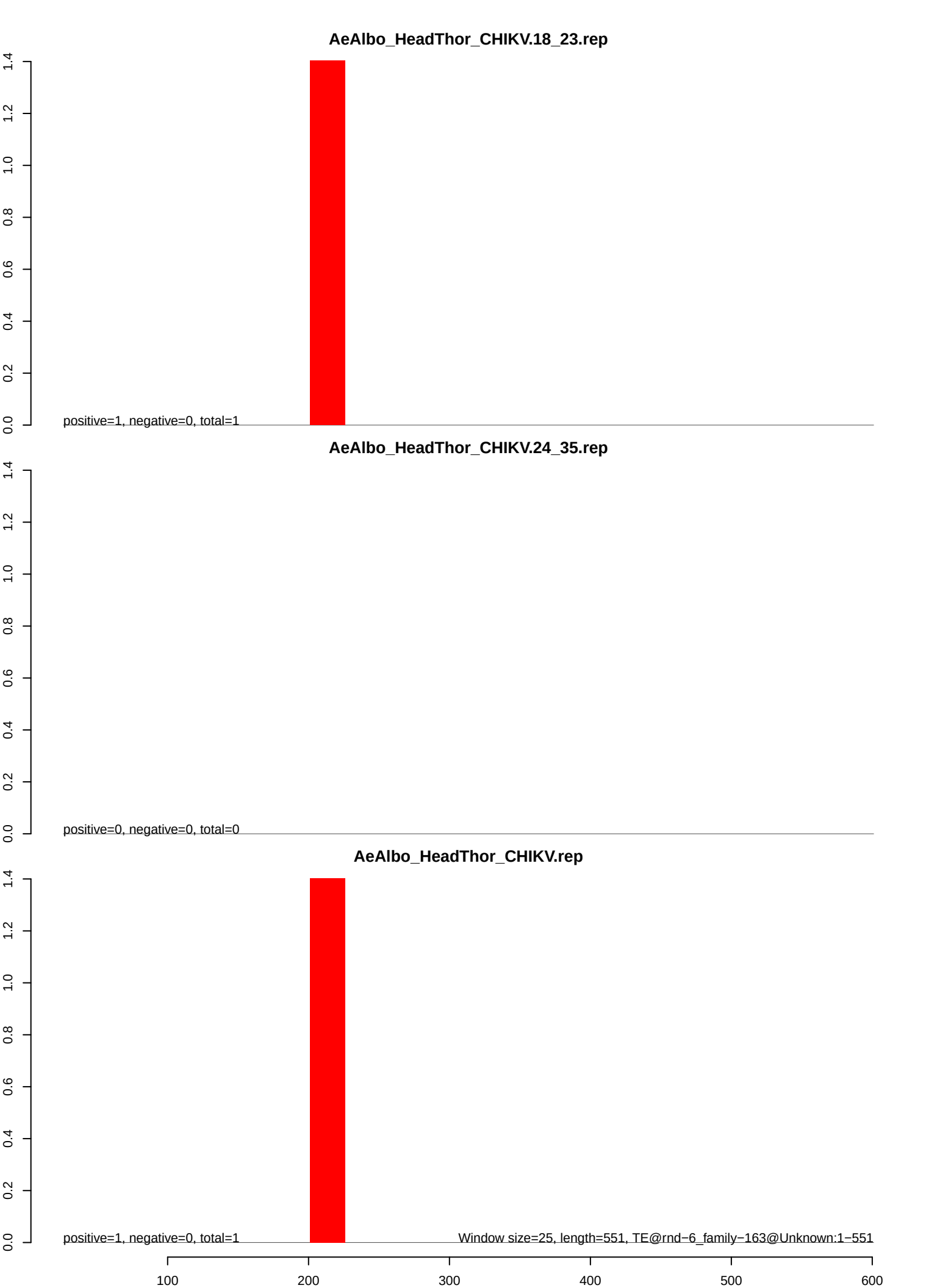

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=667, TE@rnd−6_family−2419@Unknown:1−667
0
100
200
300
400
500
600
700

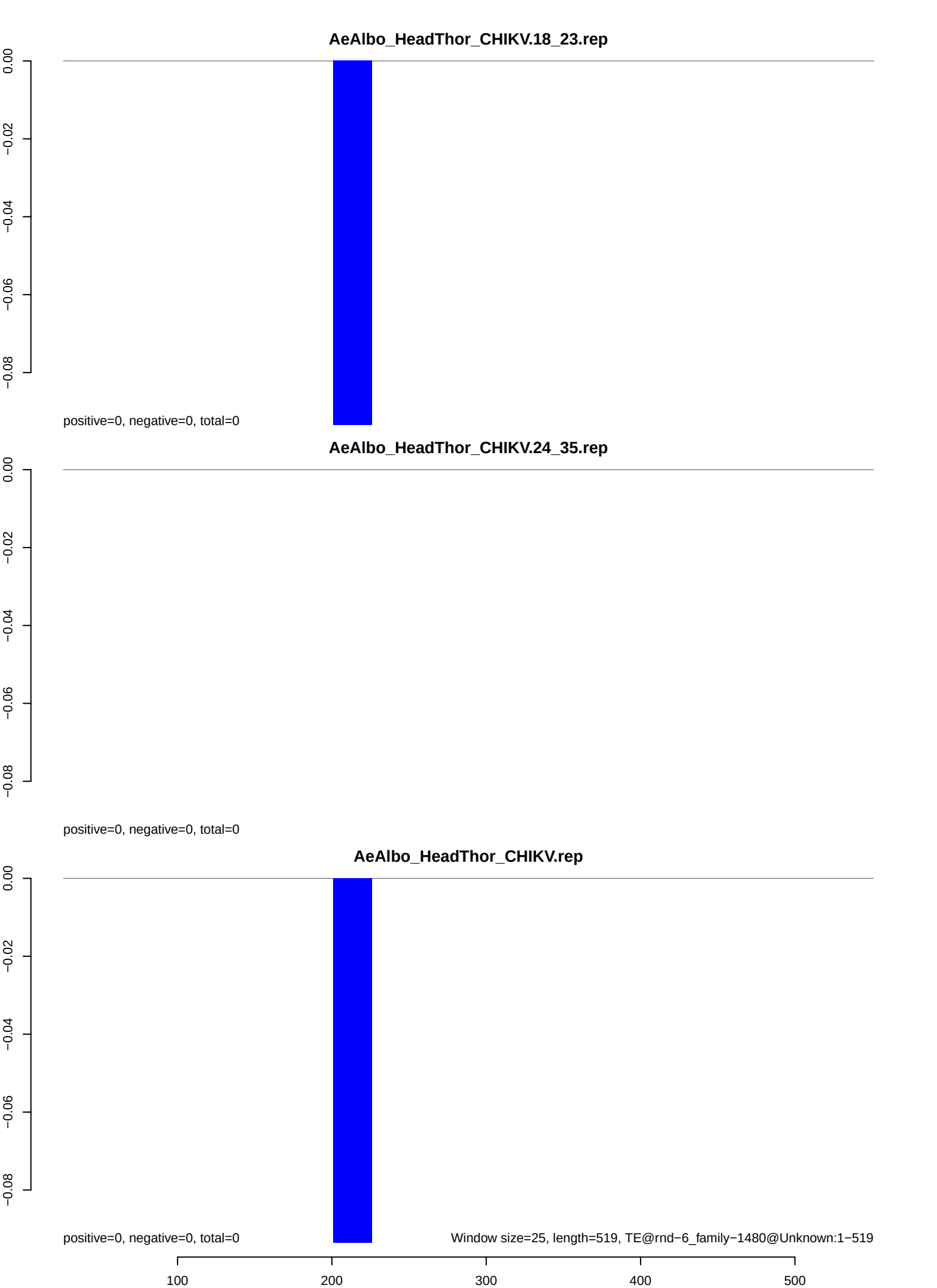

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=966, TE@rnd-6_family-2299@LTR_Copia:1-966
0
200
400
600
800
1000

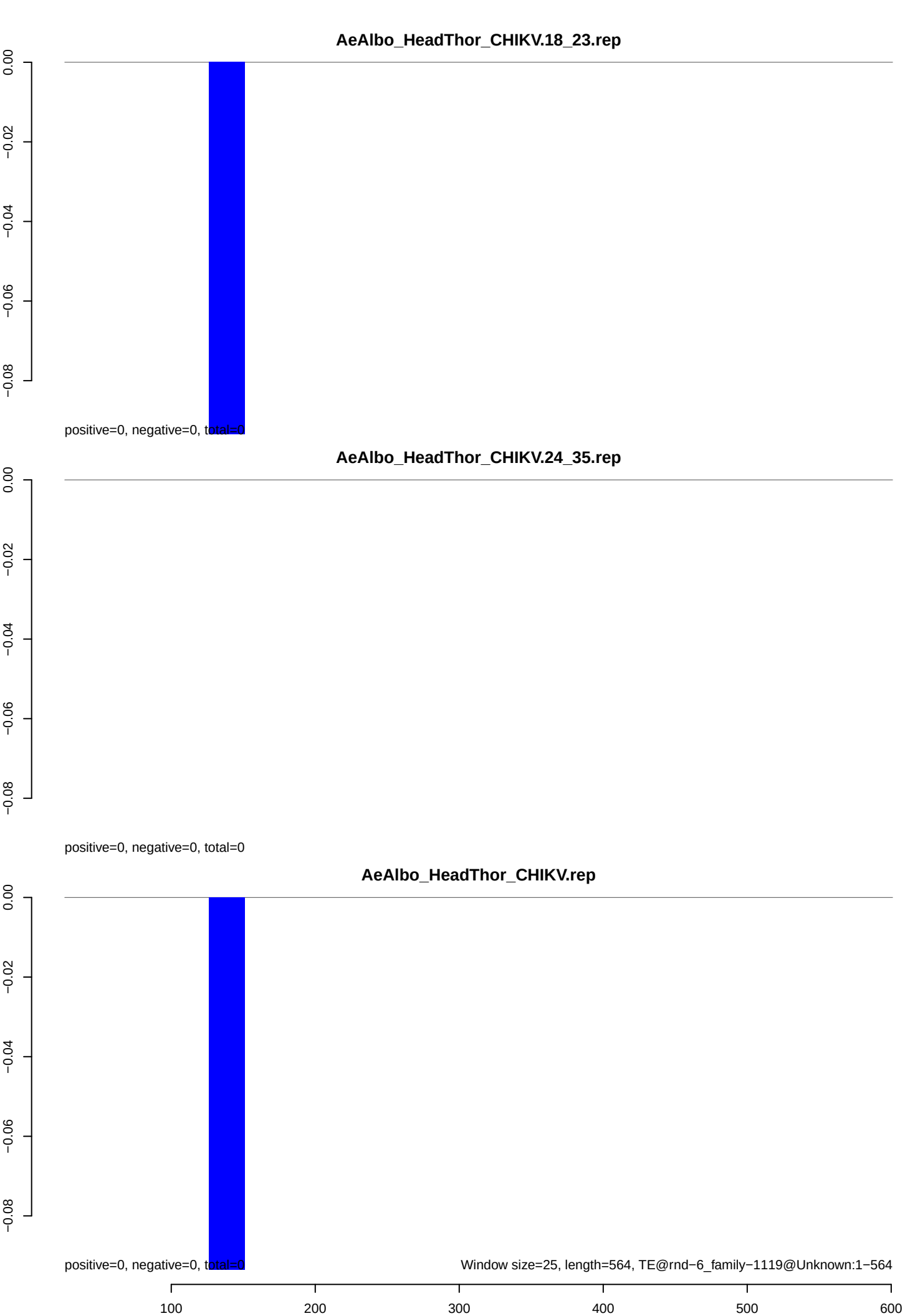

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=1648, TE@rnd−6_family−1925@DNA:1−1648
0
500
1000
1500

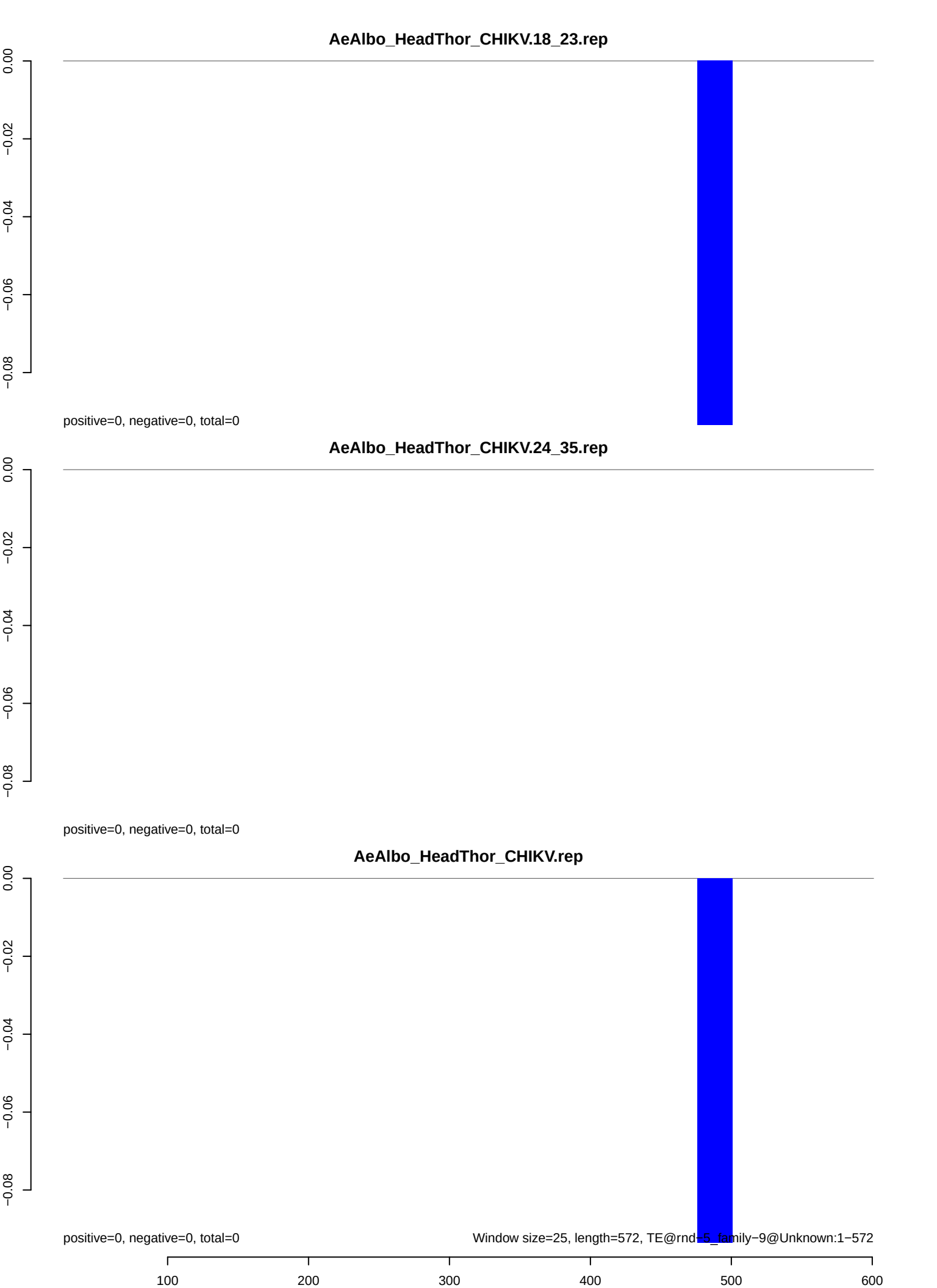

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=967, TE@rnd−6_family−181@Unknown:1−967
0
200
400
600
800
1000

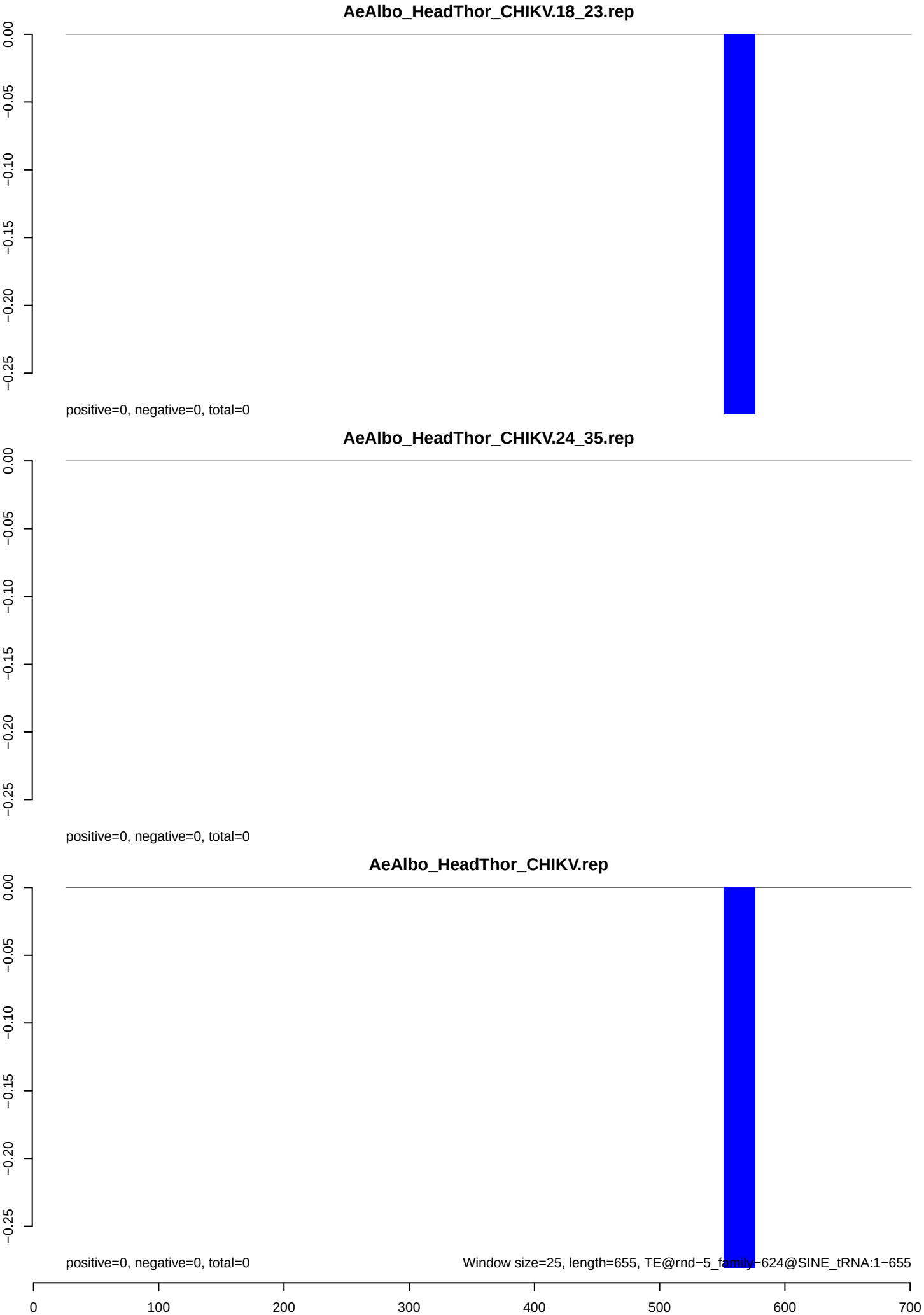

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=591, TE@rnd−6_family−1679@Unknown:1−591
100
200
300
400
500
600

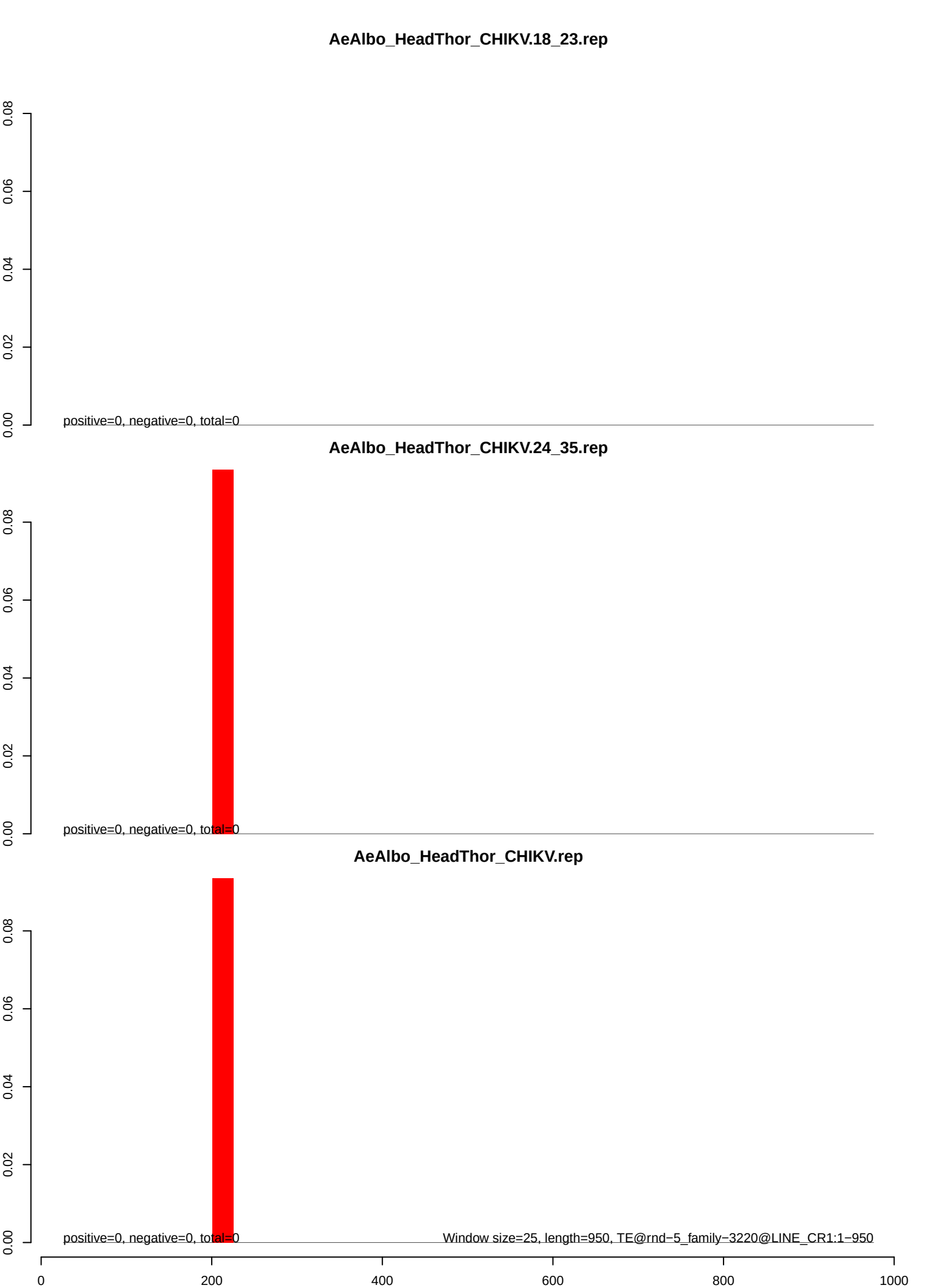

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
positive=1, negative=0, total=1
Window size=25, length=551, TE@rnd−6_family−163@Unknown:1−551
100
200
300
400
500
600

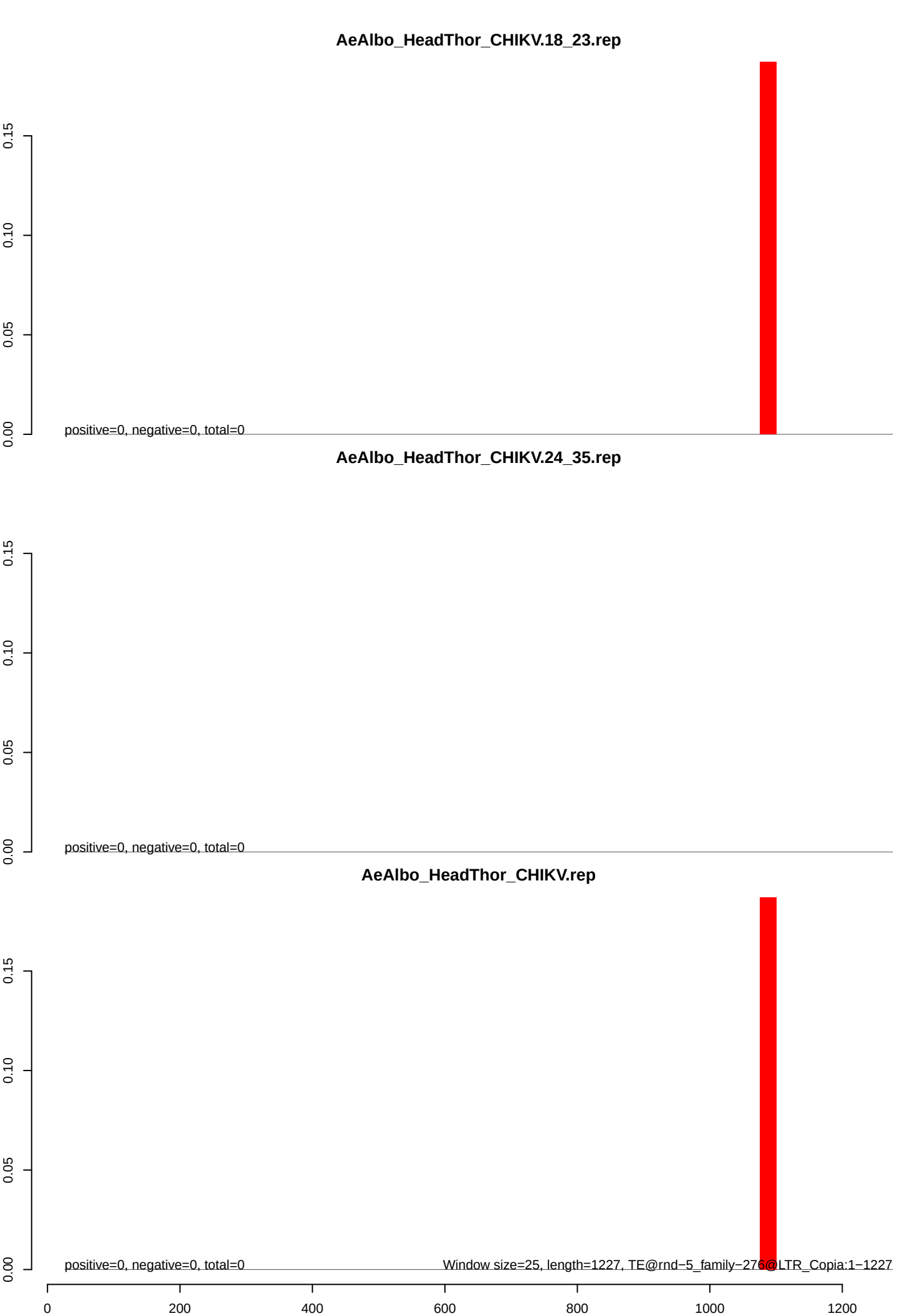

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=519, TE@rnd−6_family−1480@Unknown:1−519
100
200
300
400
500

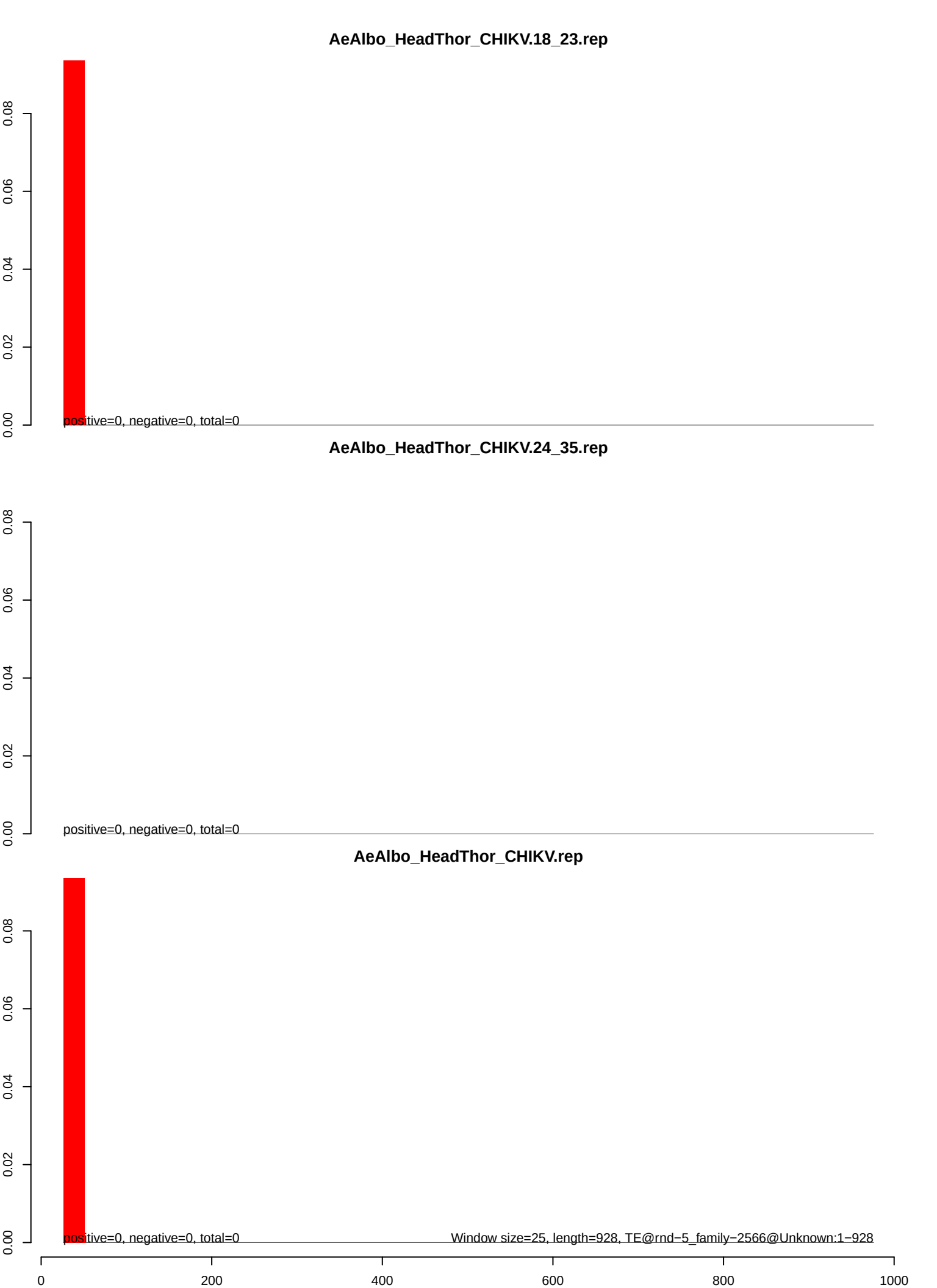

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=564, TE@rnd−6_family−1119@Unknown:1−564
100
200
300
400
500
600

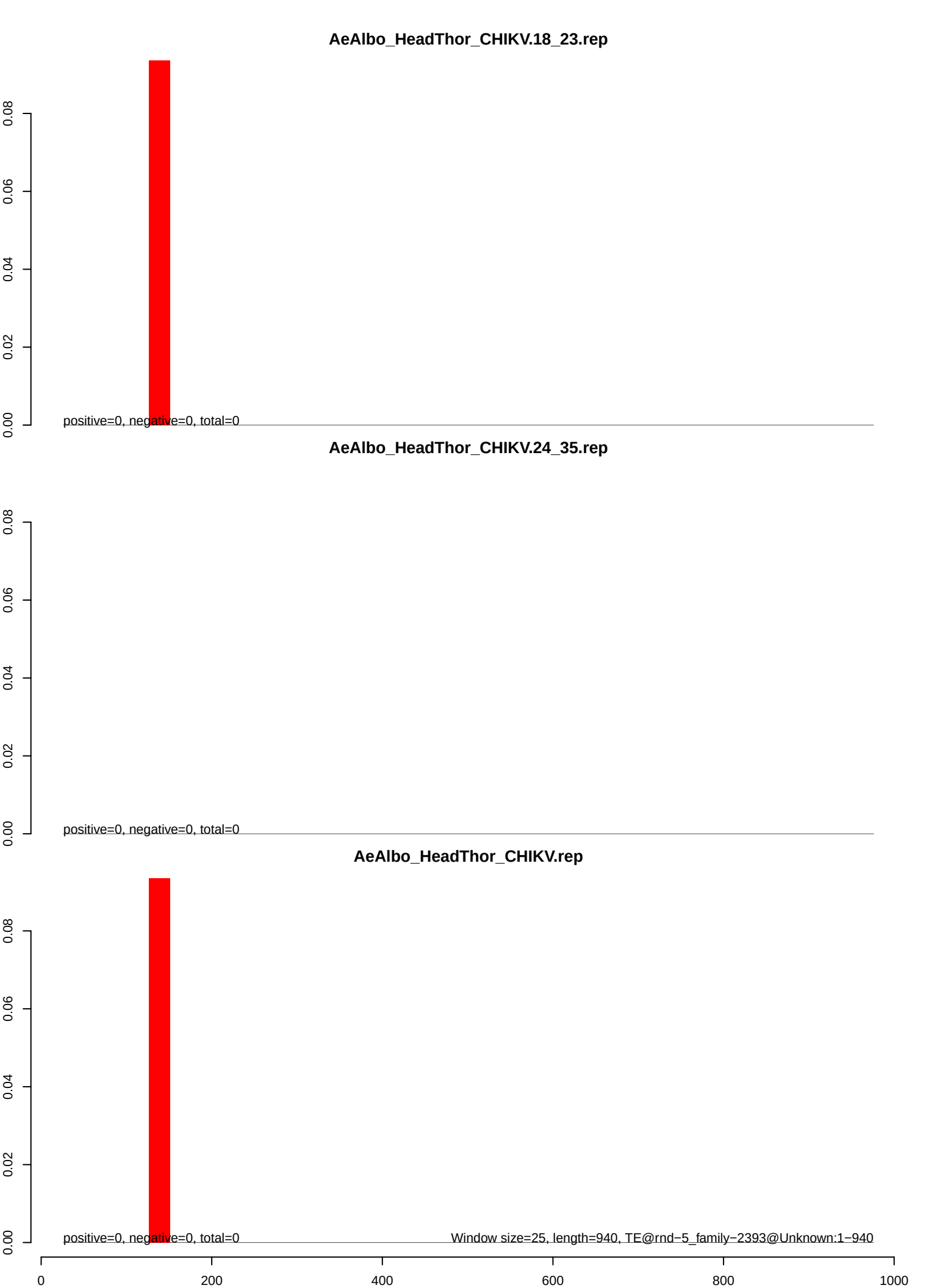

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=572, TE@rnd−5_family−9@Unknown:1−572
100
200
300
400
500
600

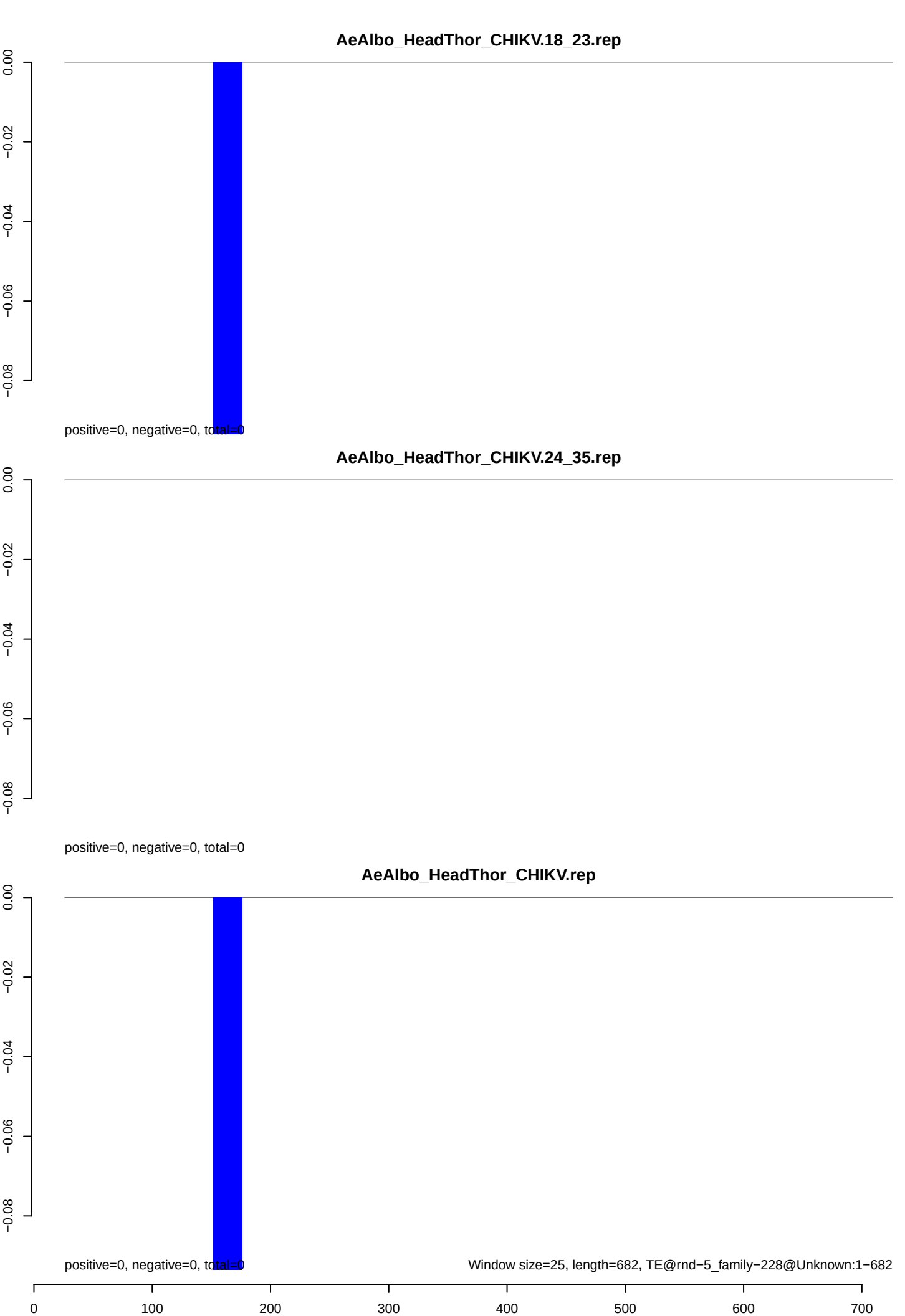

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=0, total=0
Window size=25, length=655, TE@rnd−5_family−624@SINE_tRNA:1−655
0
100
200
300
400
500
600
700

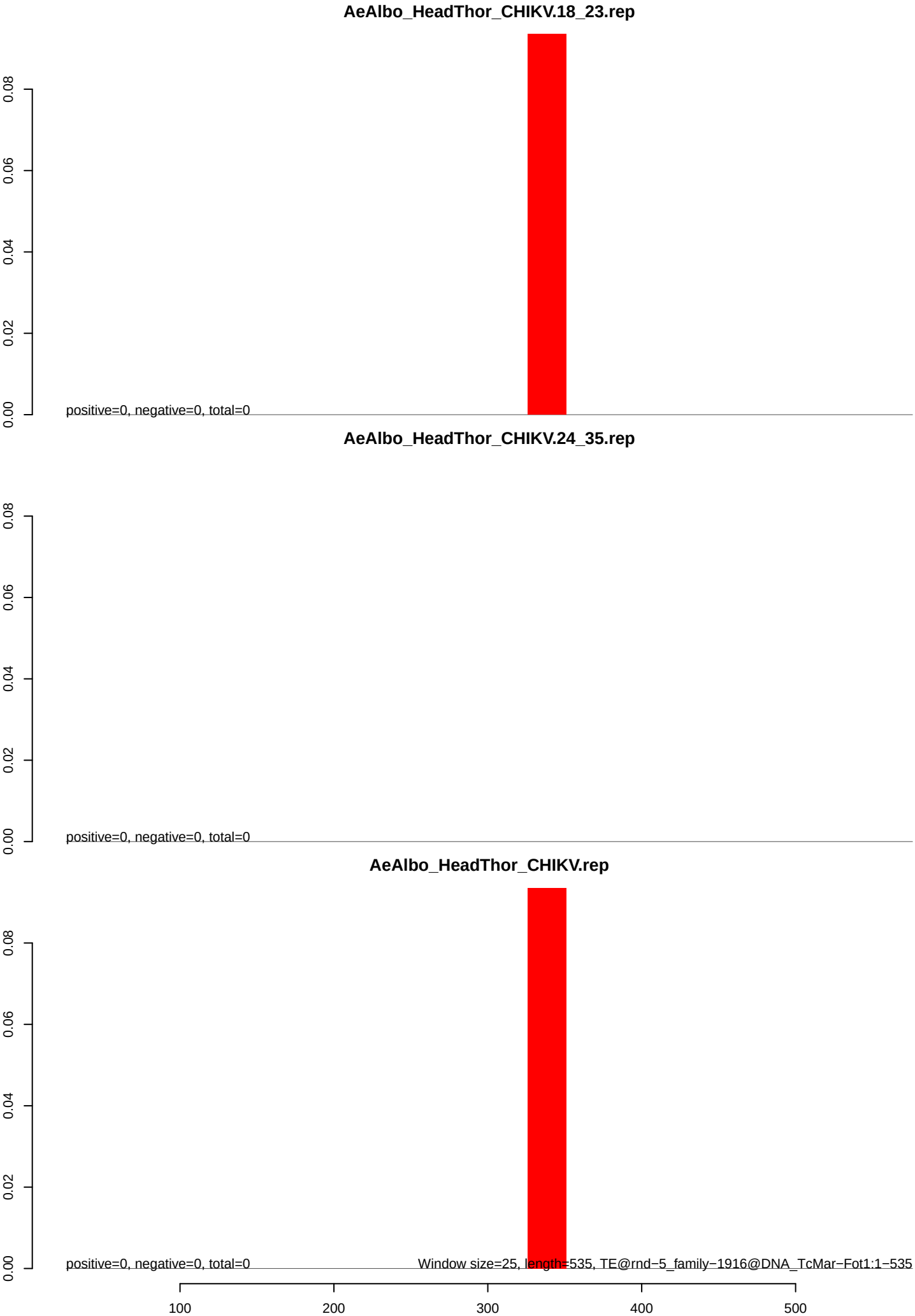

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=950, TE@rnd−5_family−3220@LINE_CR1:1−950
0
200
400
600
800
1000

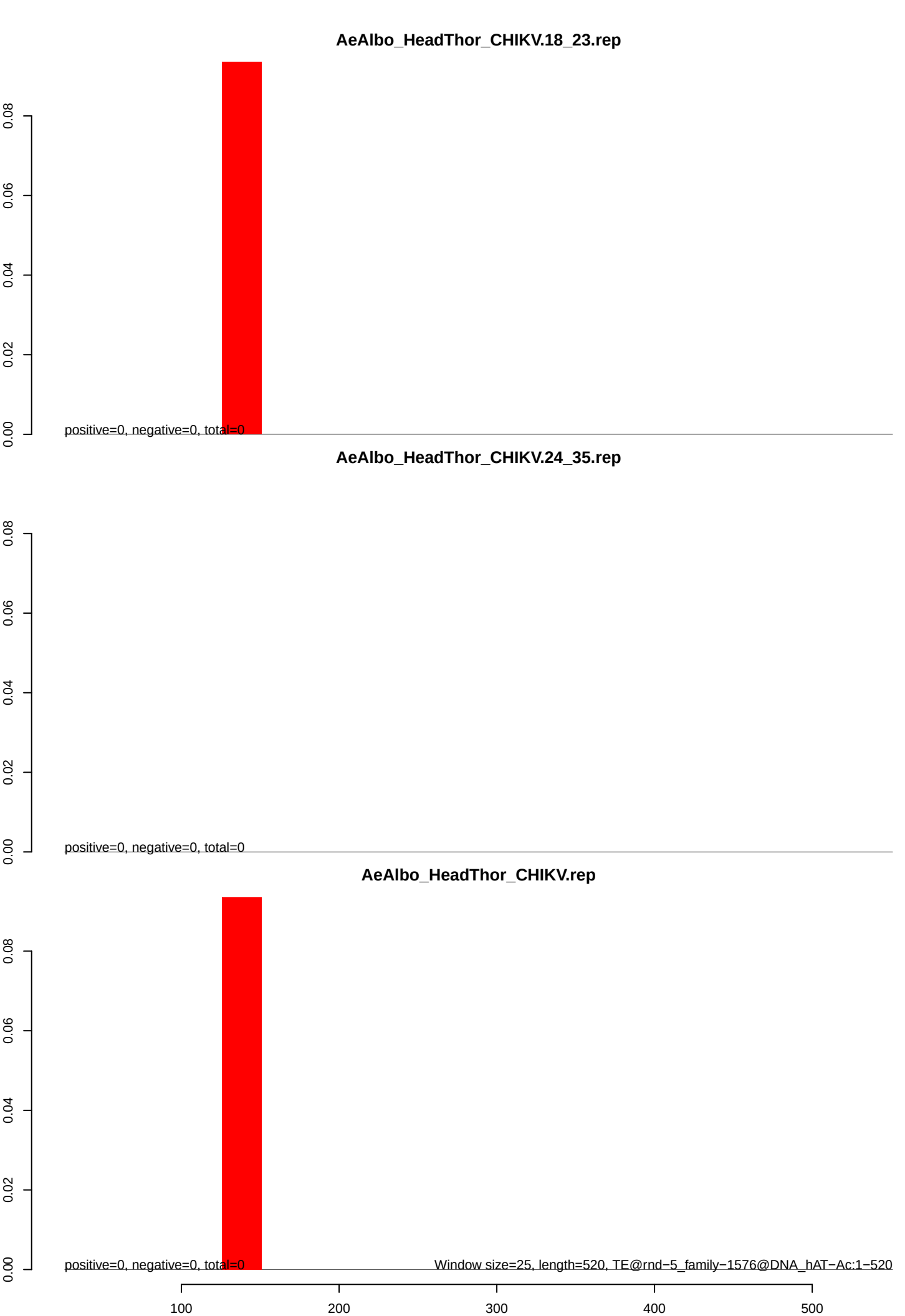

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
Window size=25, length=1227, TE@rnd−5_family−276@LTR_Copia:1−1227
0
200
400
600
800
1000
1200

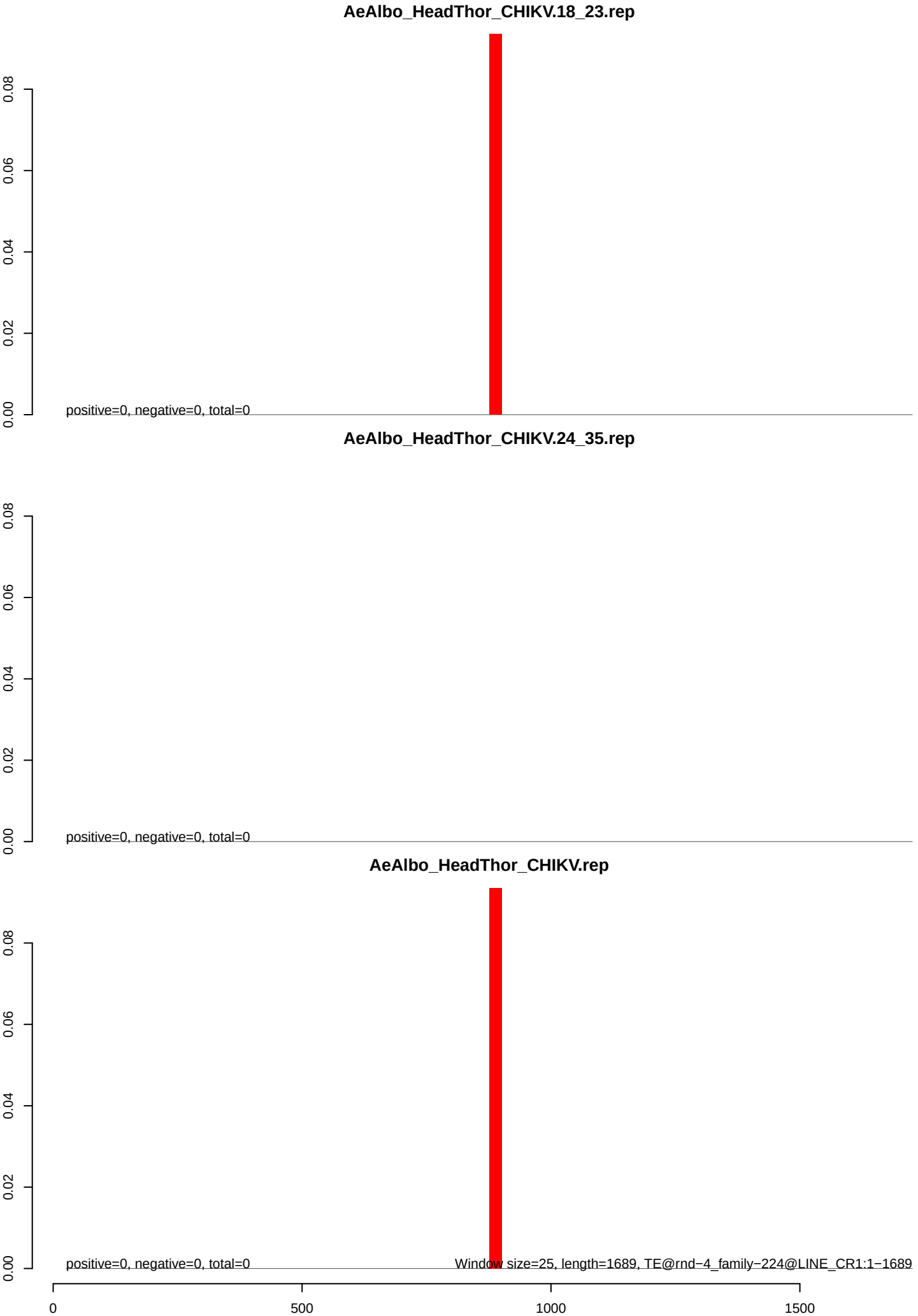

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=928, TE@rnd−5_family−2566@Unknown:1−928
0
200
400
600
800
1000

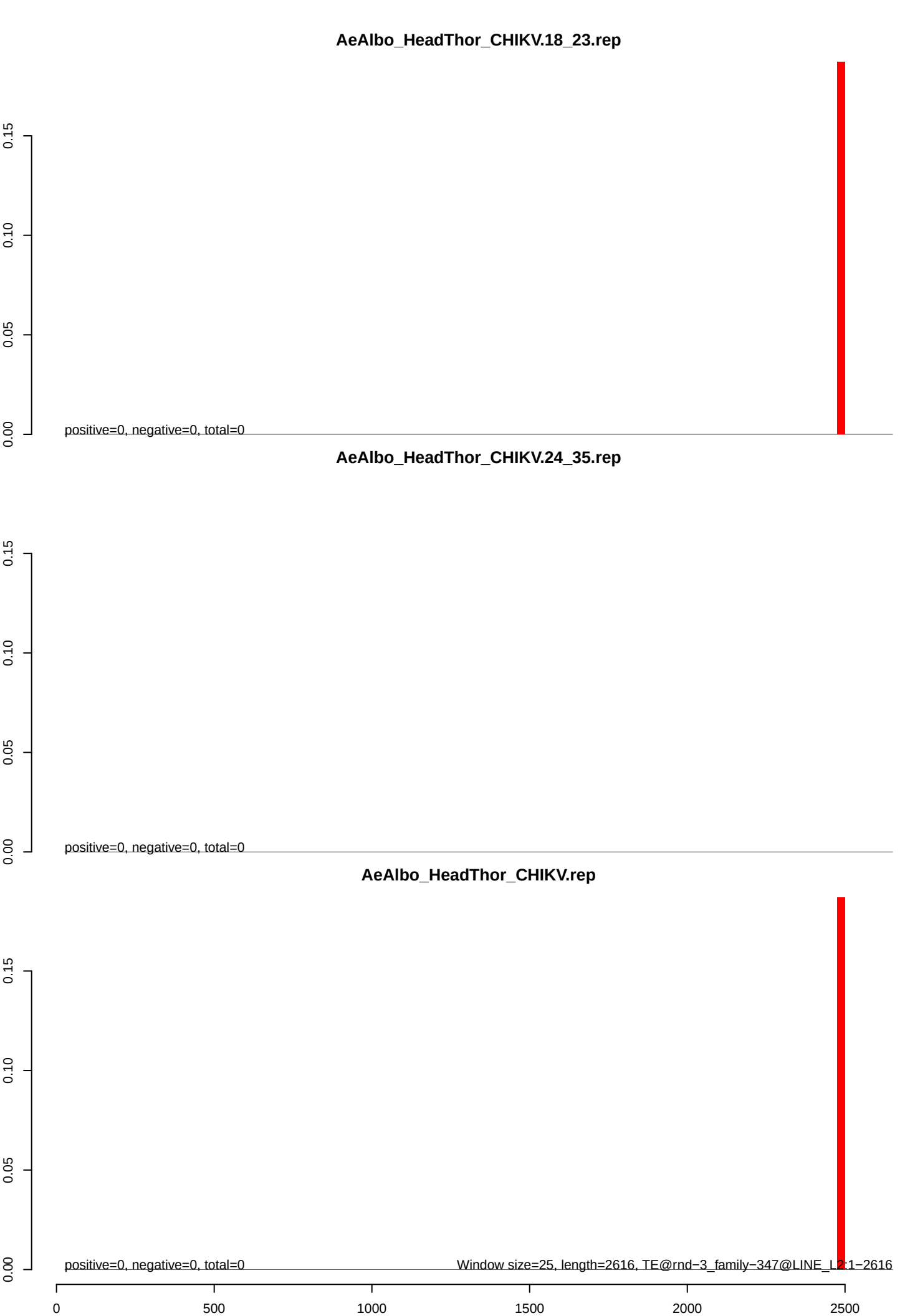

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=940, TE@rnd−5_family−2393@Unknown:1−940
0
200
400
600
800
1000

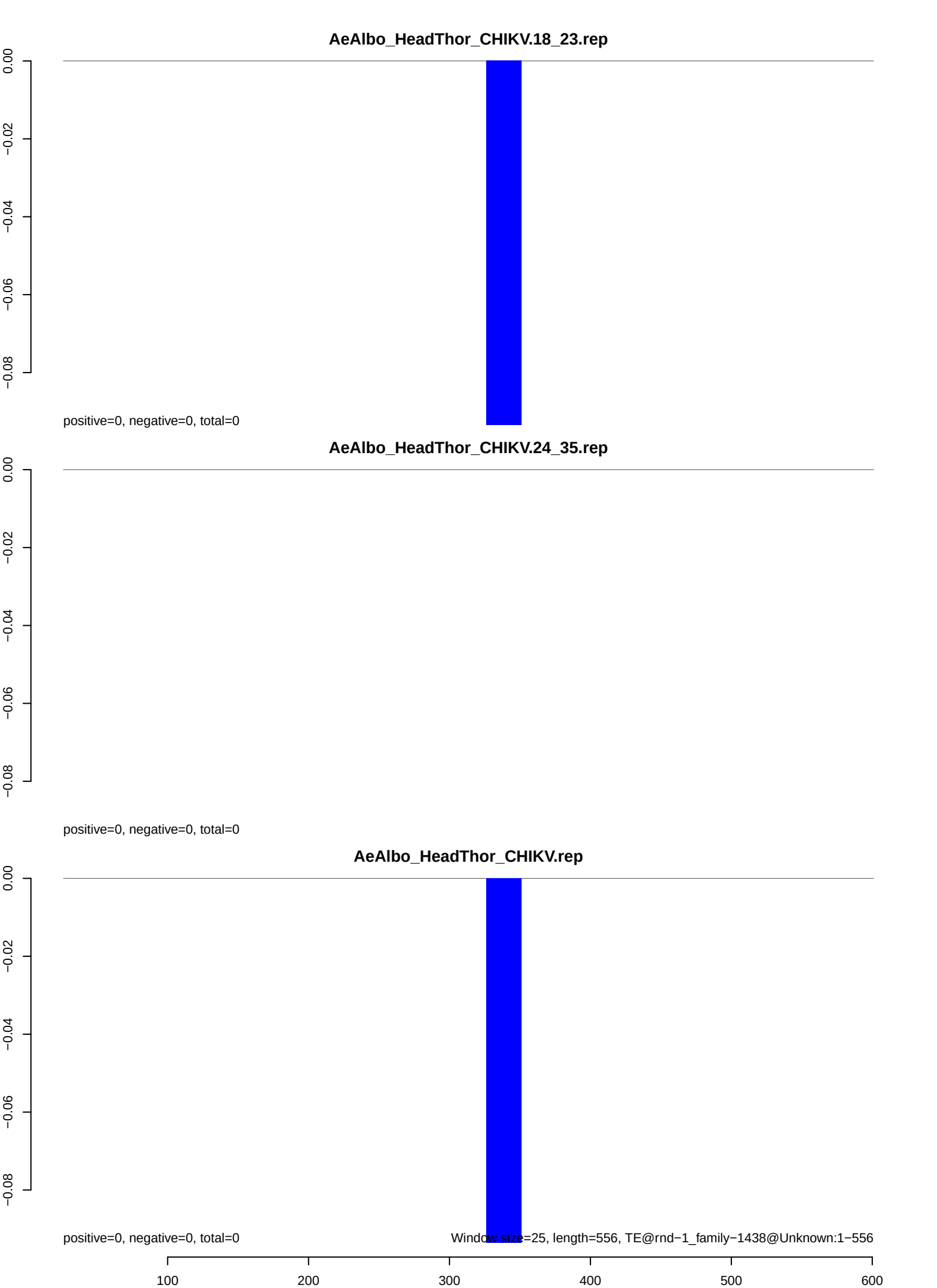

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=682, TE@rnd−5_family−228@Unknown:1−682
0
100
200
300
400
500
600
700

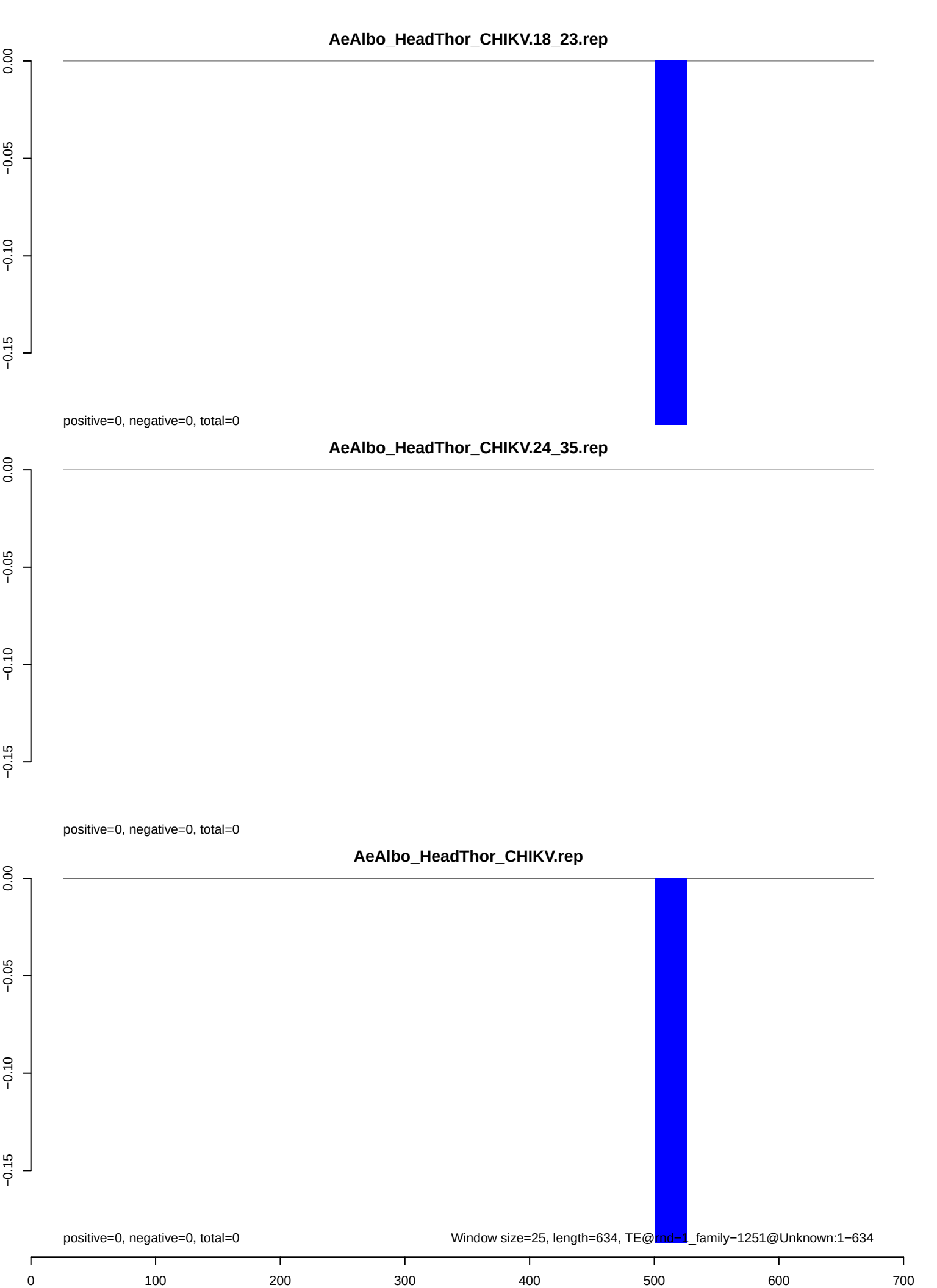

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=535, TE@rnd−5_family−1916@DNA_TcMar−Fot1:1−535
100
200
300
400
500

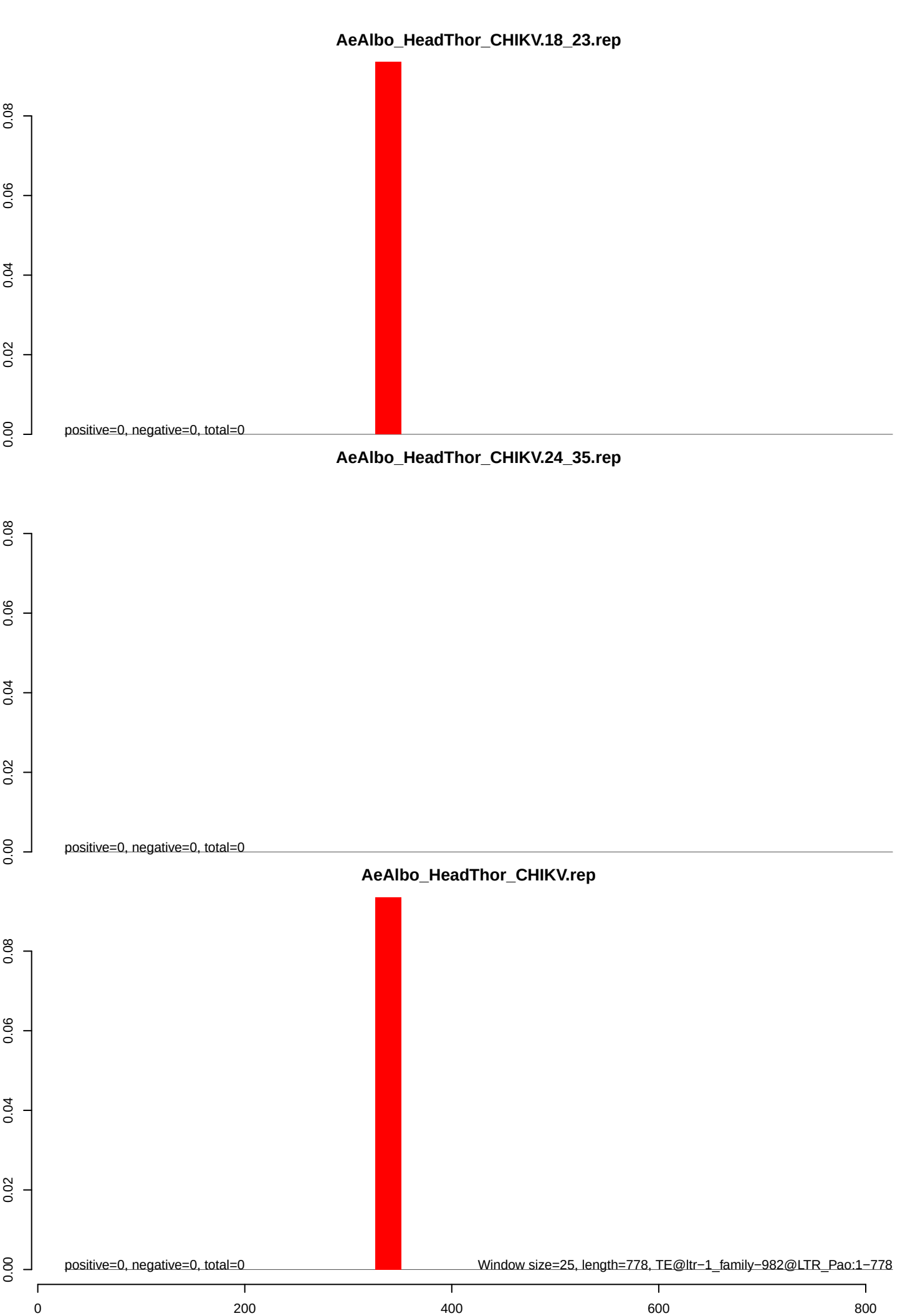

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=520, TE@rnd−5_family−1576@DNA_hAT−Ac:1−520
100
200
300
400
500

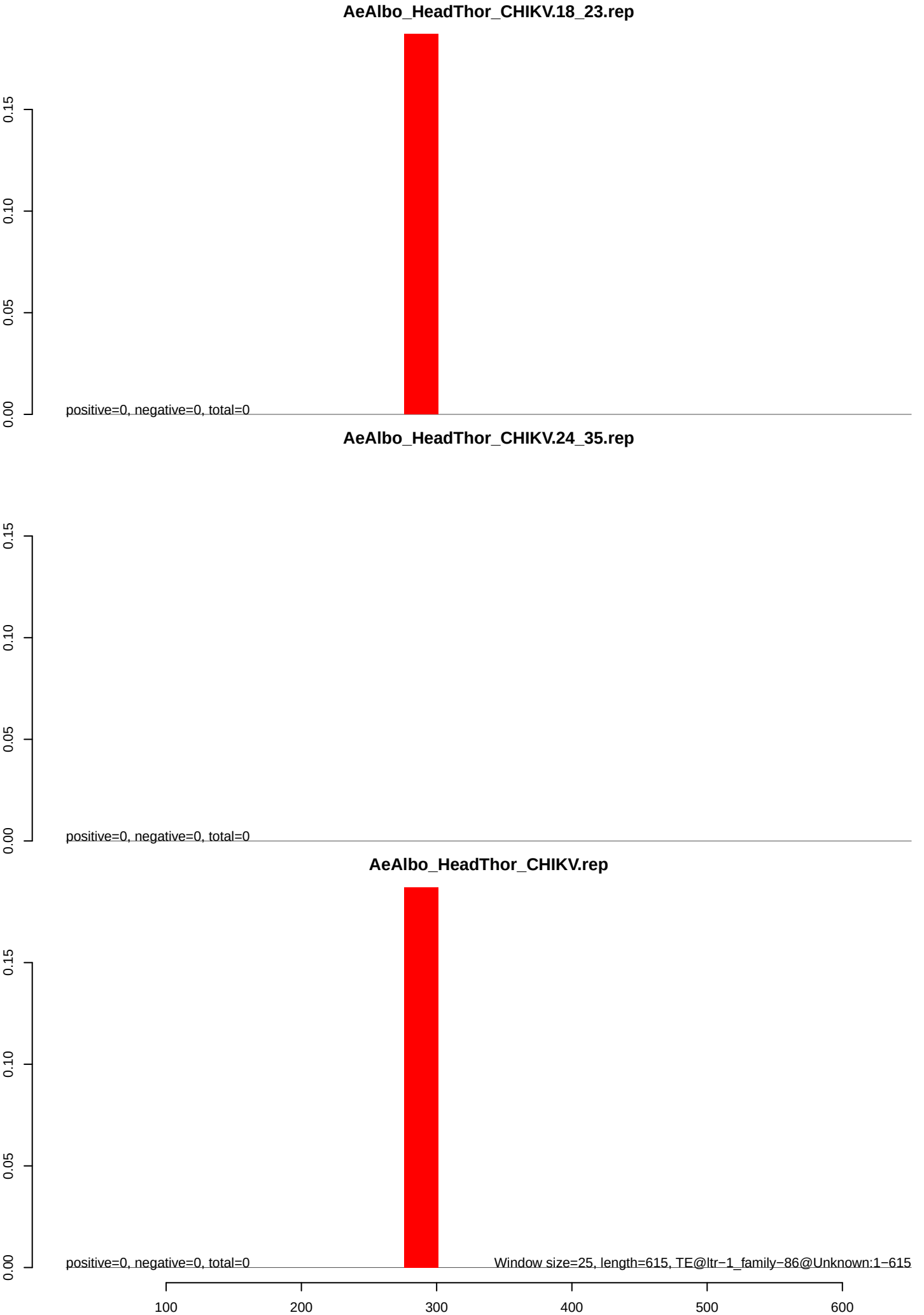

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1689, TE@rnd−4_family−224@LINE_CR1:1−1689
0
500
1000
1500

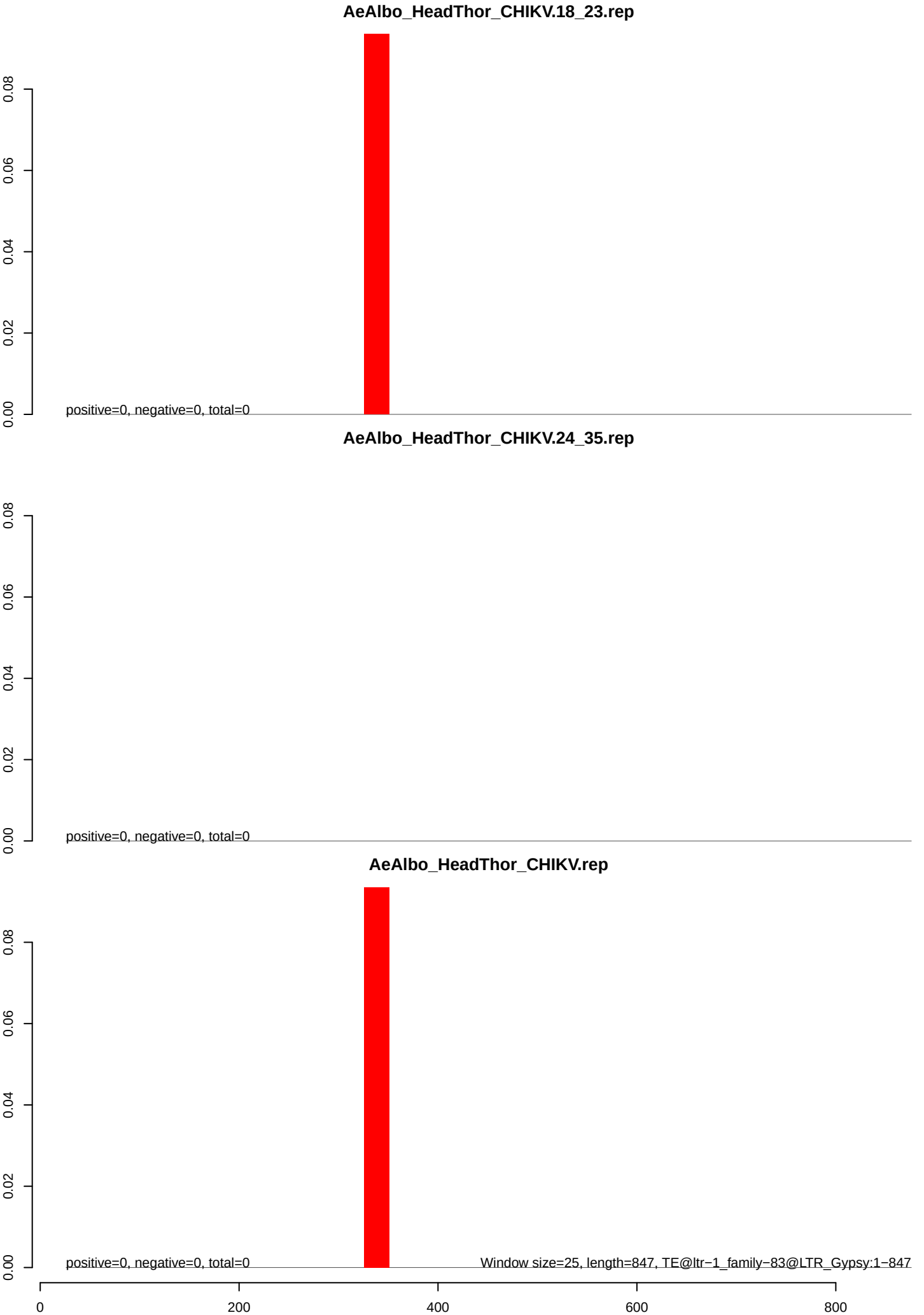

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
Window size=25, length=2616, TE@rnd−3_family−347@LINE_L2:1−2616
0
500
1000
1500
2000
2500

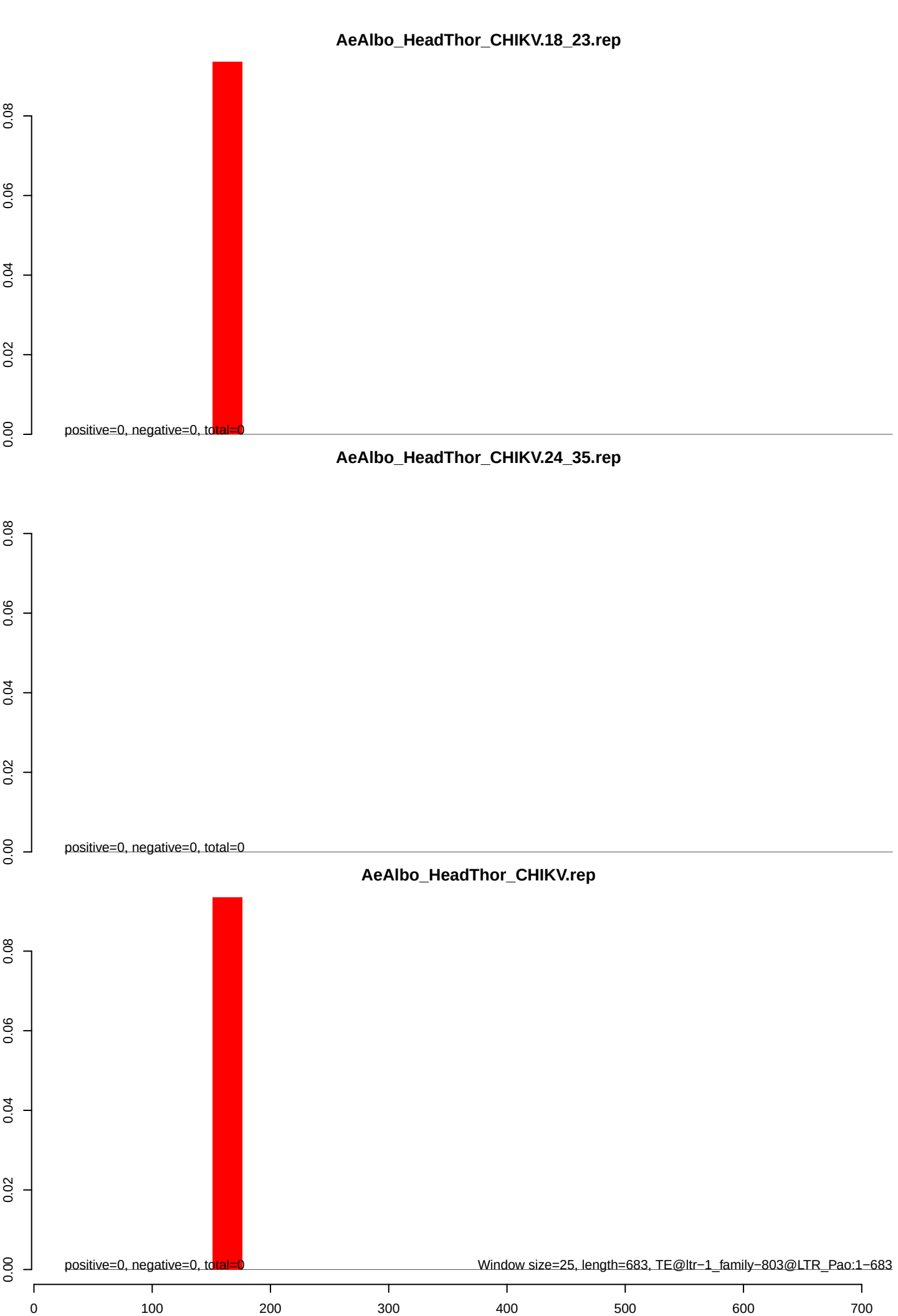

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=556, TE@rnd−1_family−1438@Unknown:1−556
100
200
300
400
500
600

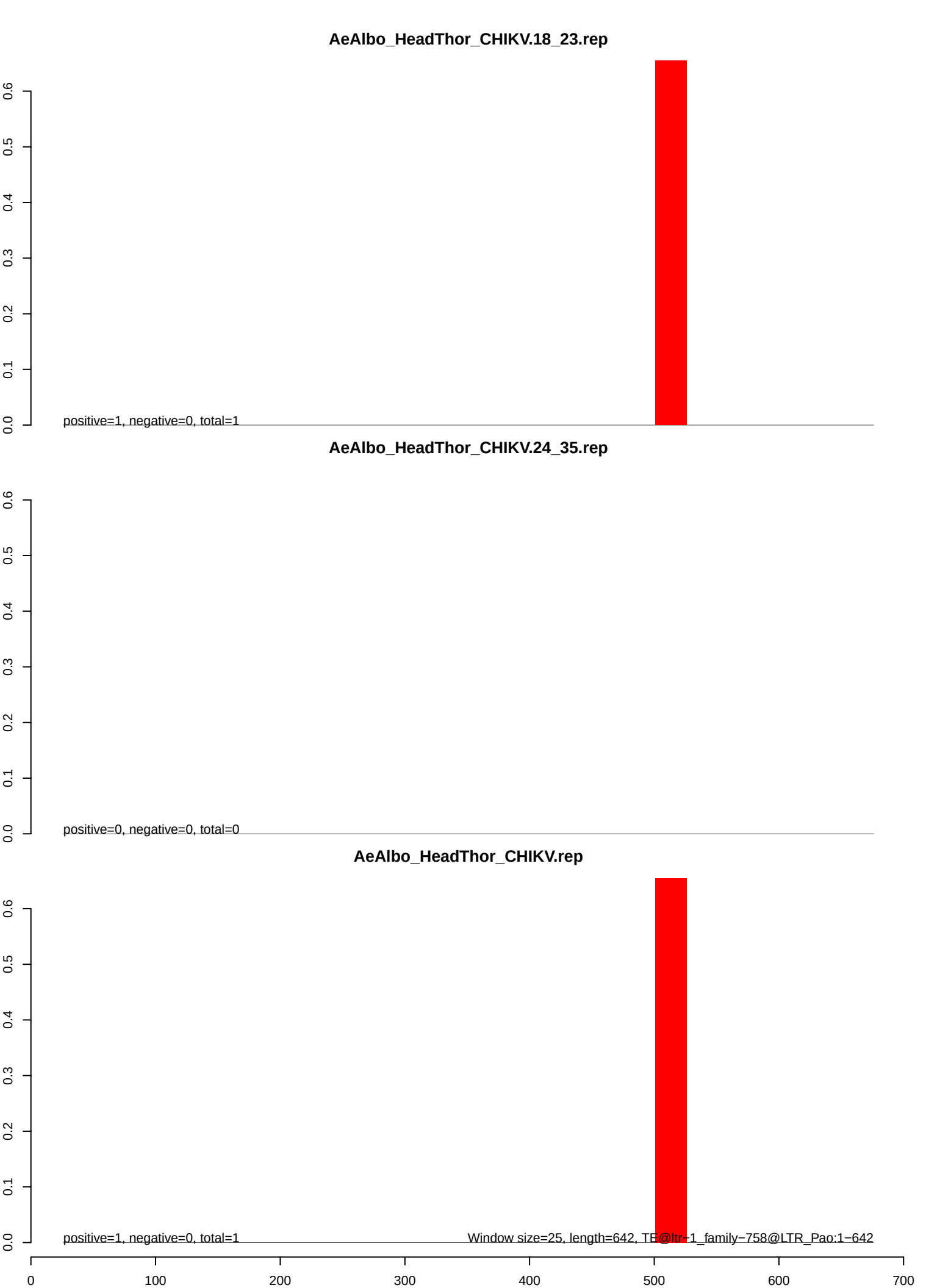

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=634, TE@rnd−1_family−1251@Unknown:1−634
0
100
200
300
400
500
600
700

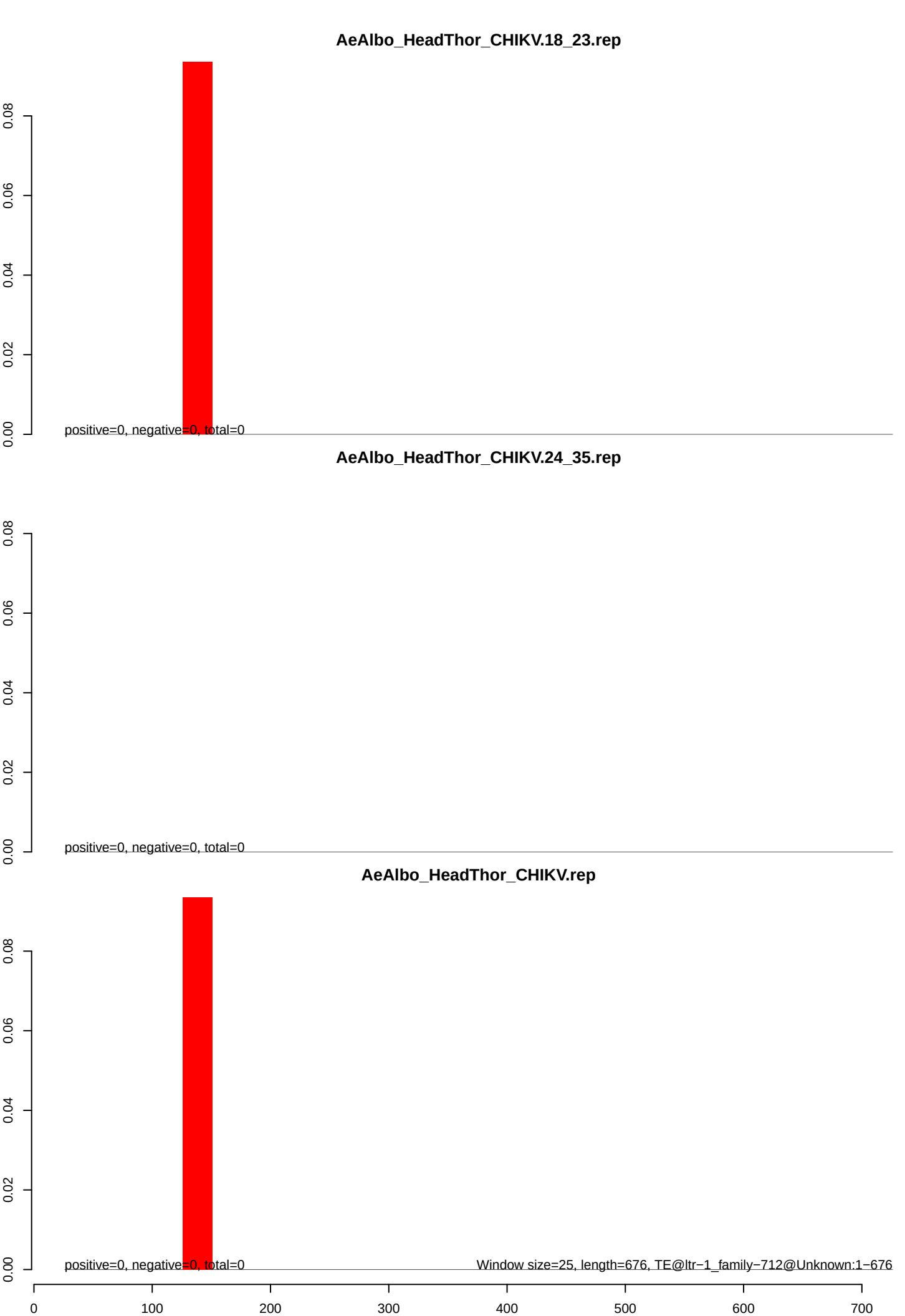

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=778, TE@ltr−1_family−982@LTR_Pao:1−778
0
200
400
600
800

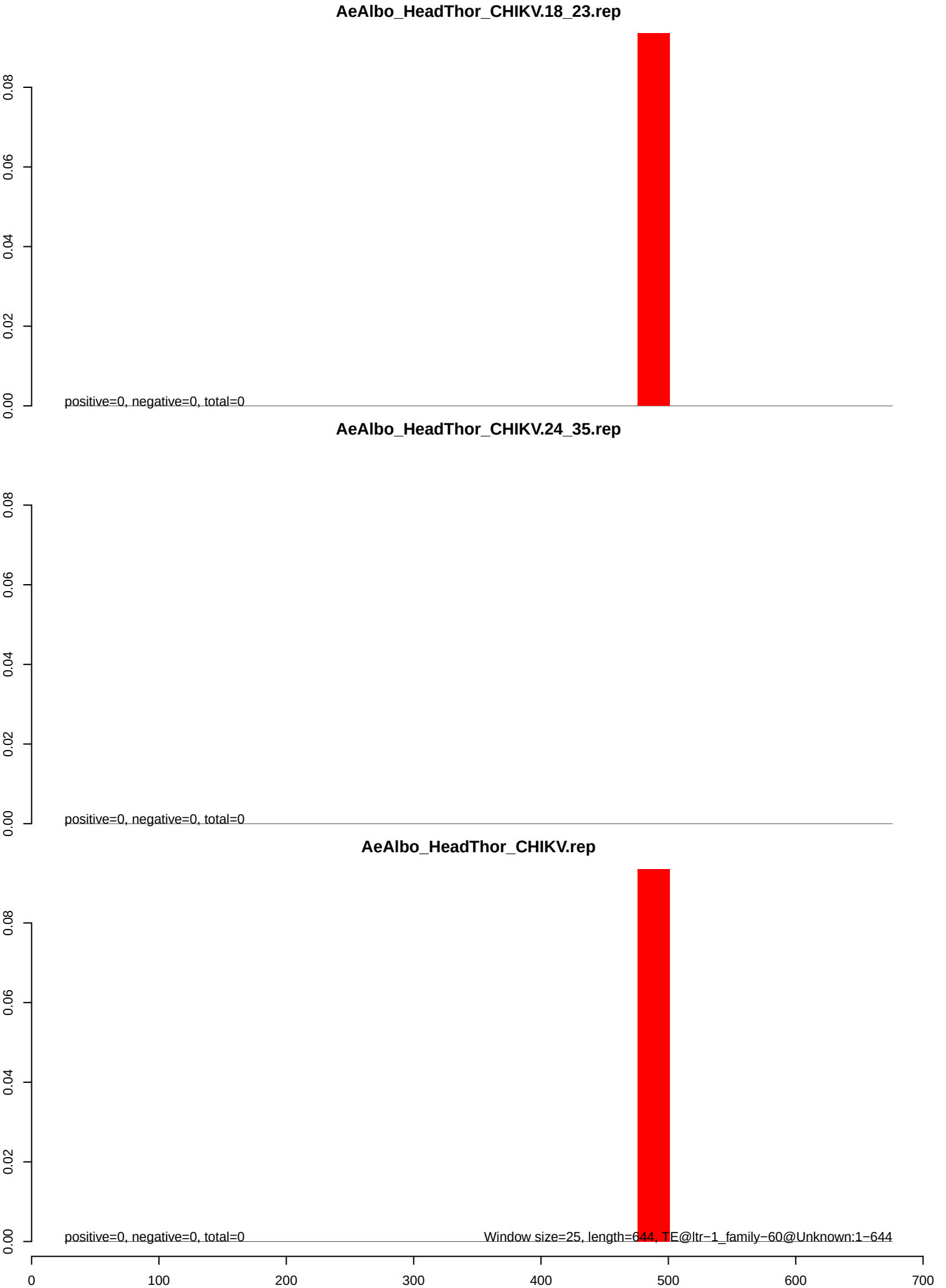

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=615, TE@ltr−1_family−86@Unknown:1−615
100
200
300
400
500
600

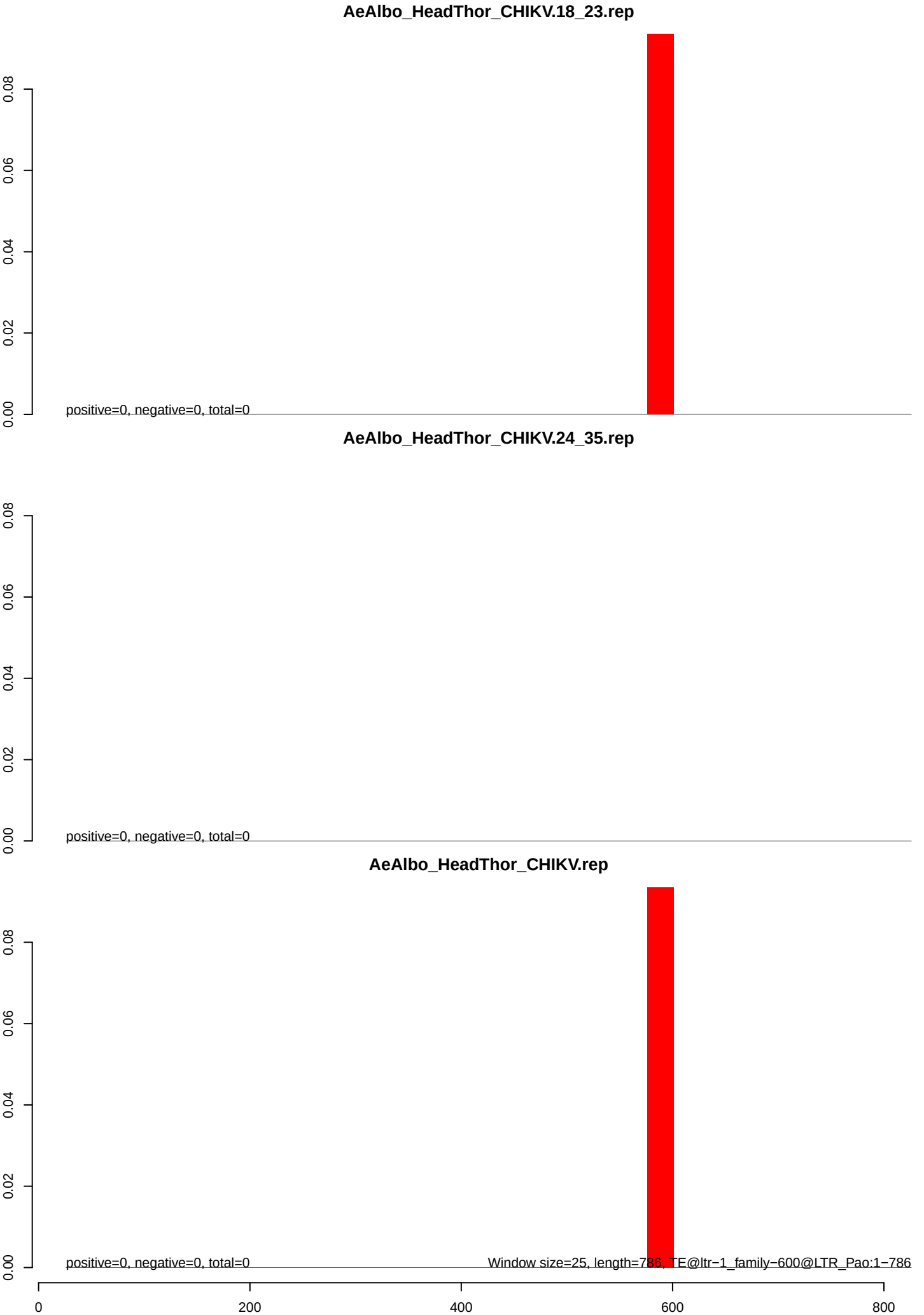

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=847, TE@ltr−1_family−83@LTR_Gypsy:1−847
0
200
400
600
800

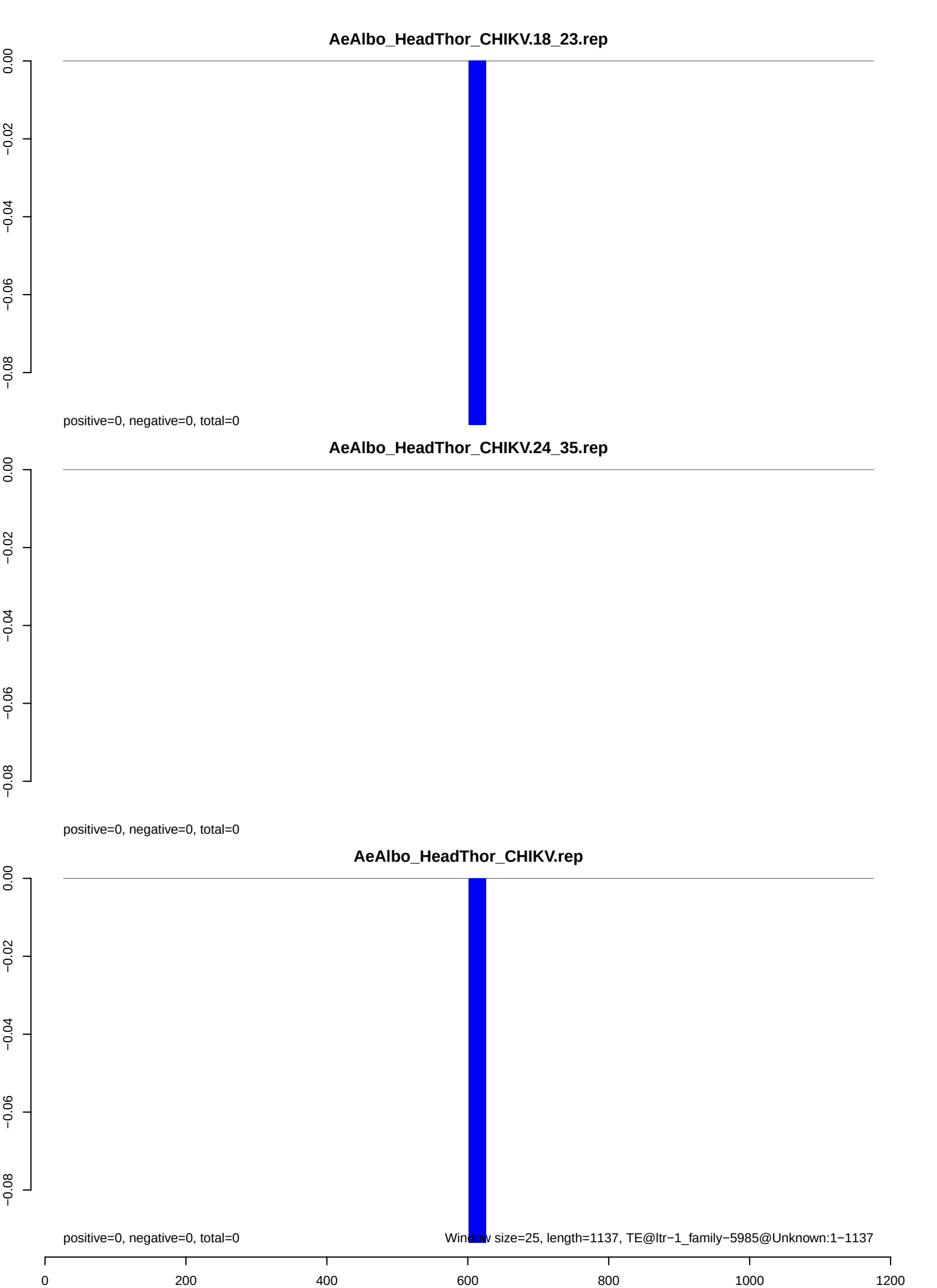

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=683, TE@ltr−1_family−803@LTR_Pao:1−683
0
100
200
300
400
500
600
700

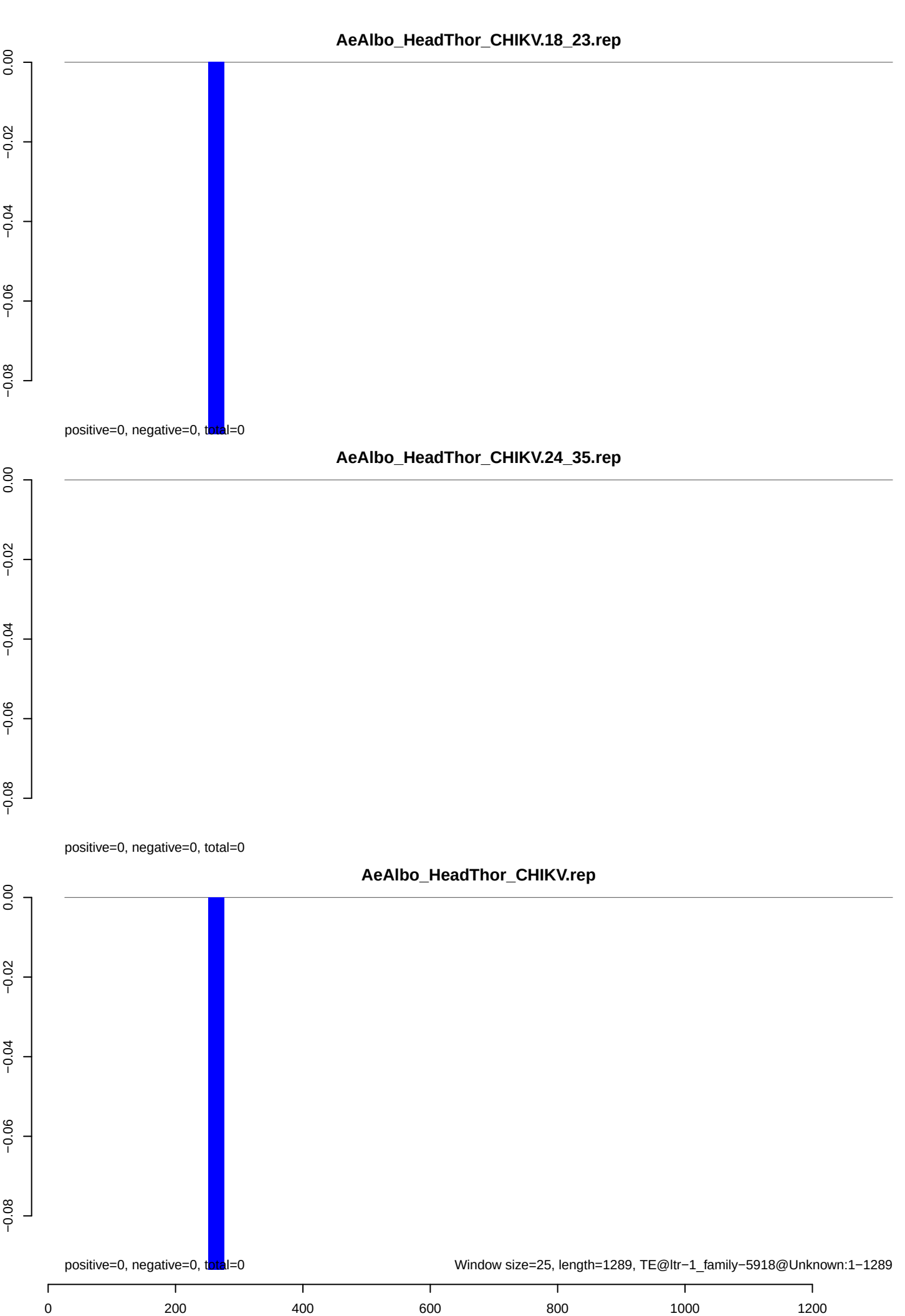

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=1, negative=0, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=1, negative=0, total=1
Window size=25, length=642, TE@ltr-1_family-758@LTR_Pao:1-642
0
100
200
300
400
500
600
700

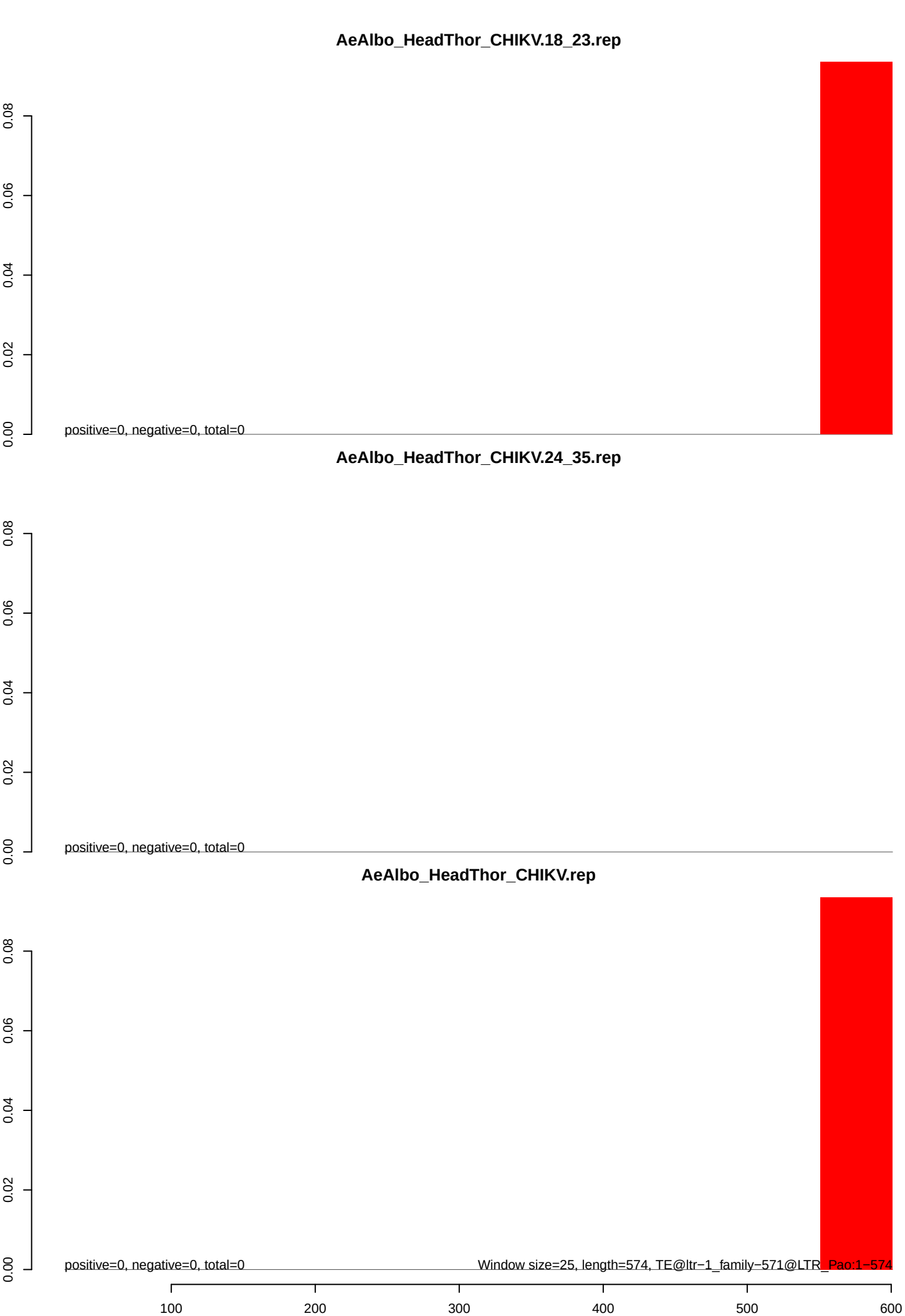

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=676, TE@ltr−1_family−712@Unknown:1−676
0
100
200
300
400
500
600
700

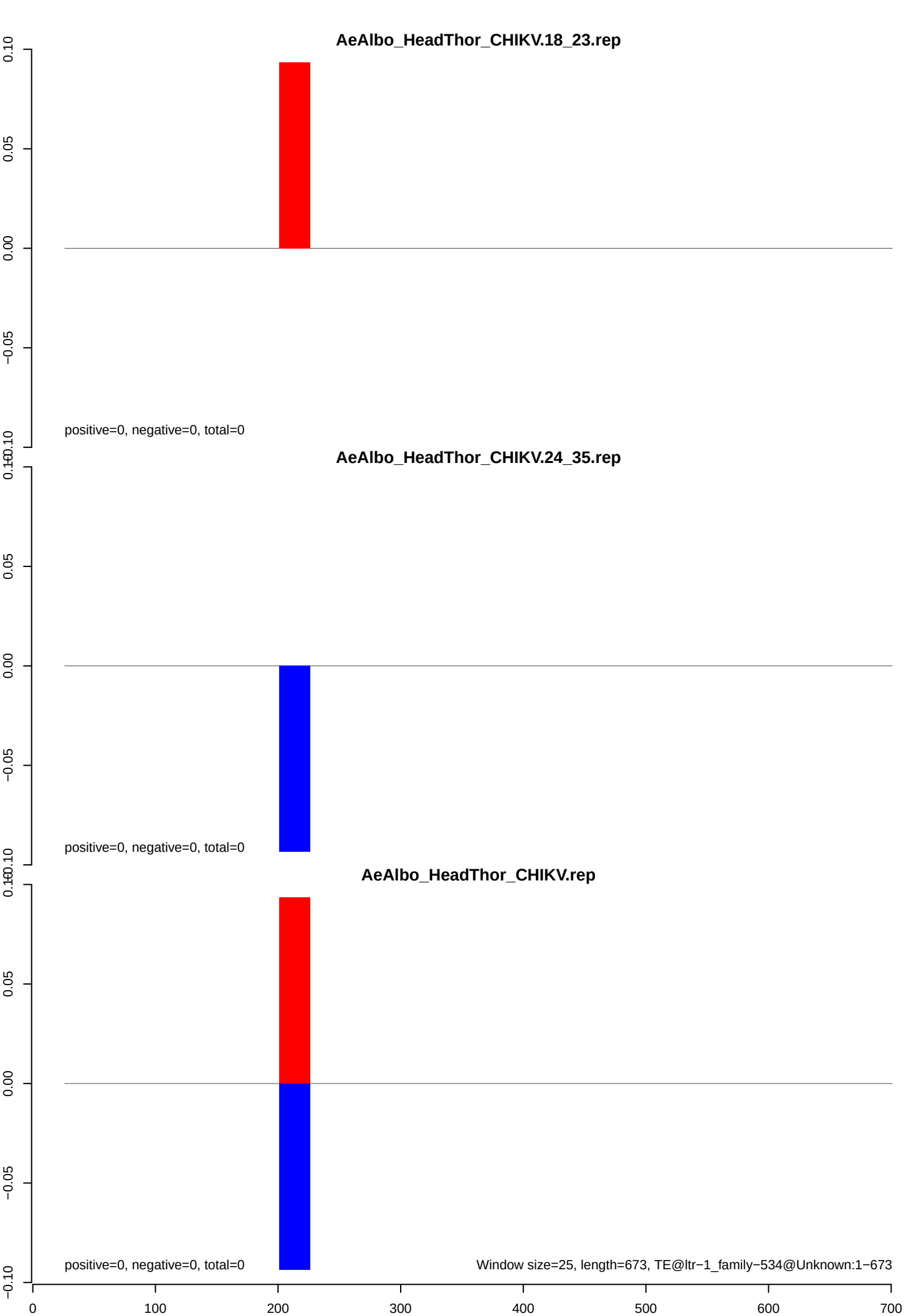

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=644, TE@ltr−1_family−60@Unknown:1−644
0
100
200
300
400
500
600
700

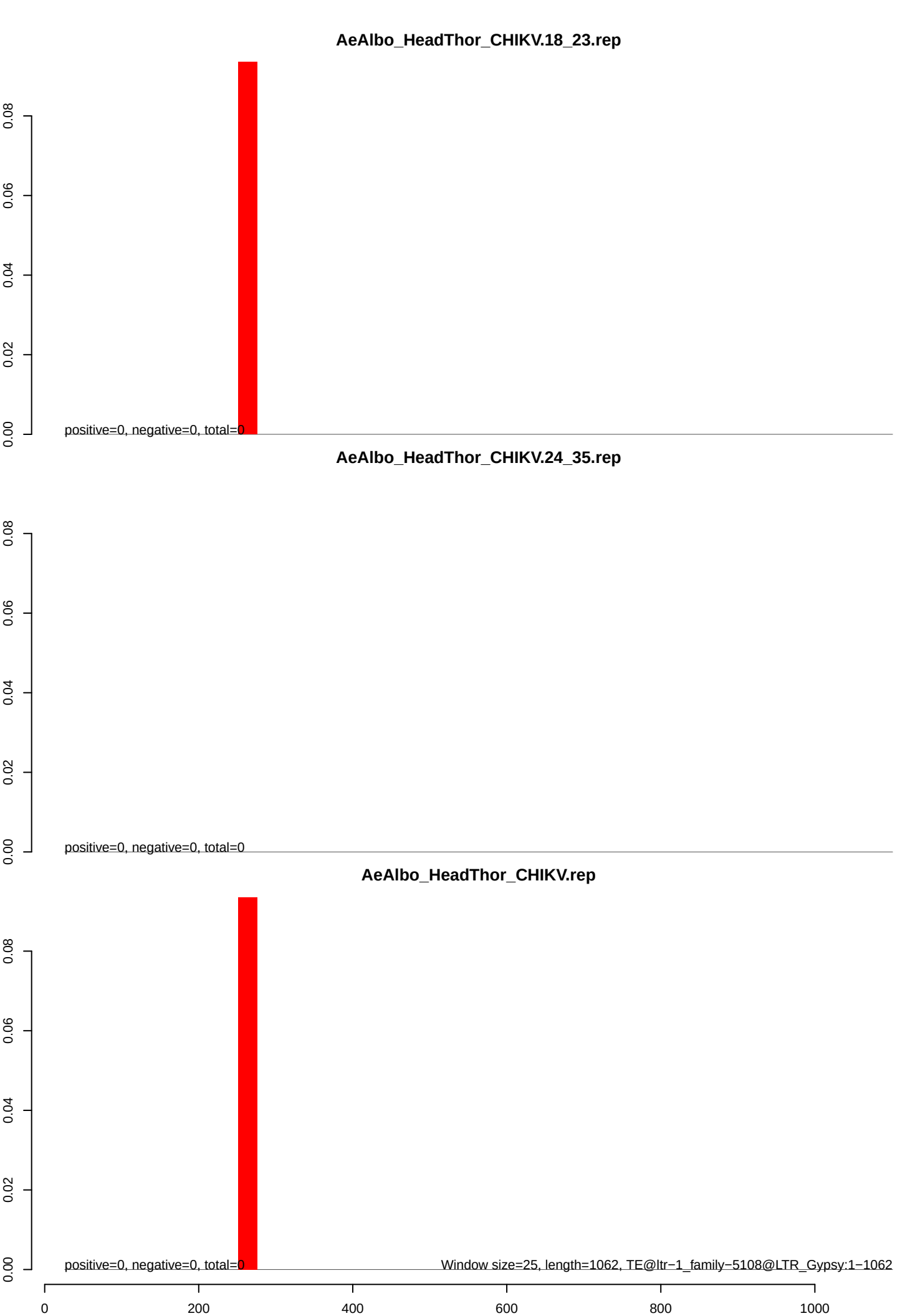

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=786, TE@ltr−1_family−600@LTR_Pao:1−786
0
200
400
600
800

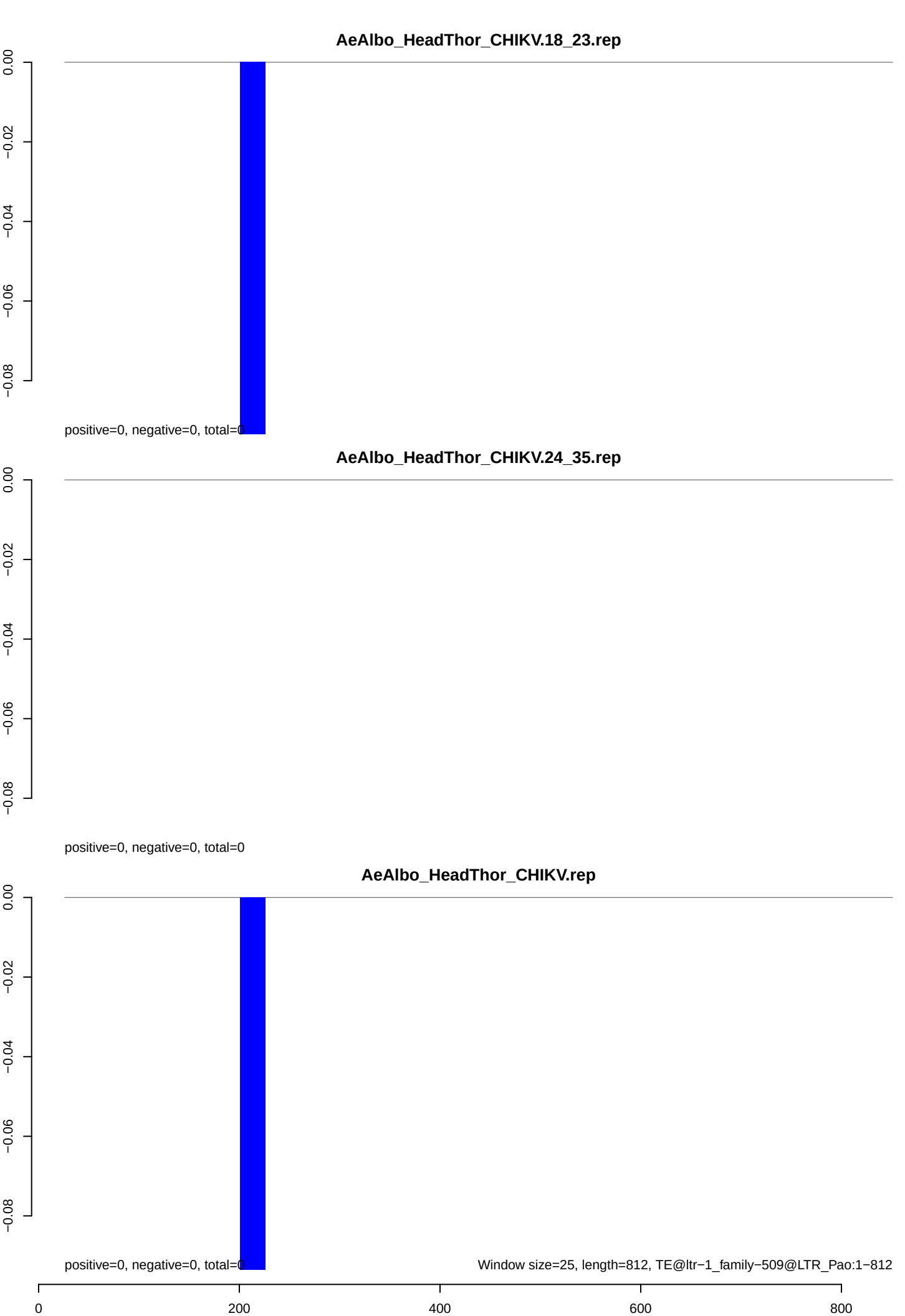

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=1137, TE@ltr−1_family−5985@Unknown:1−1137
0
200
400
600
800
1000
1200

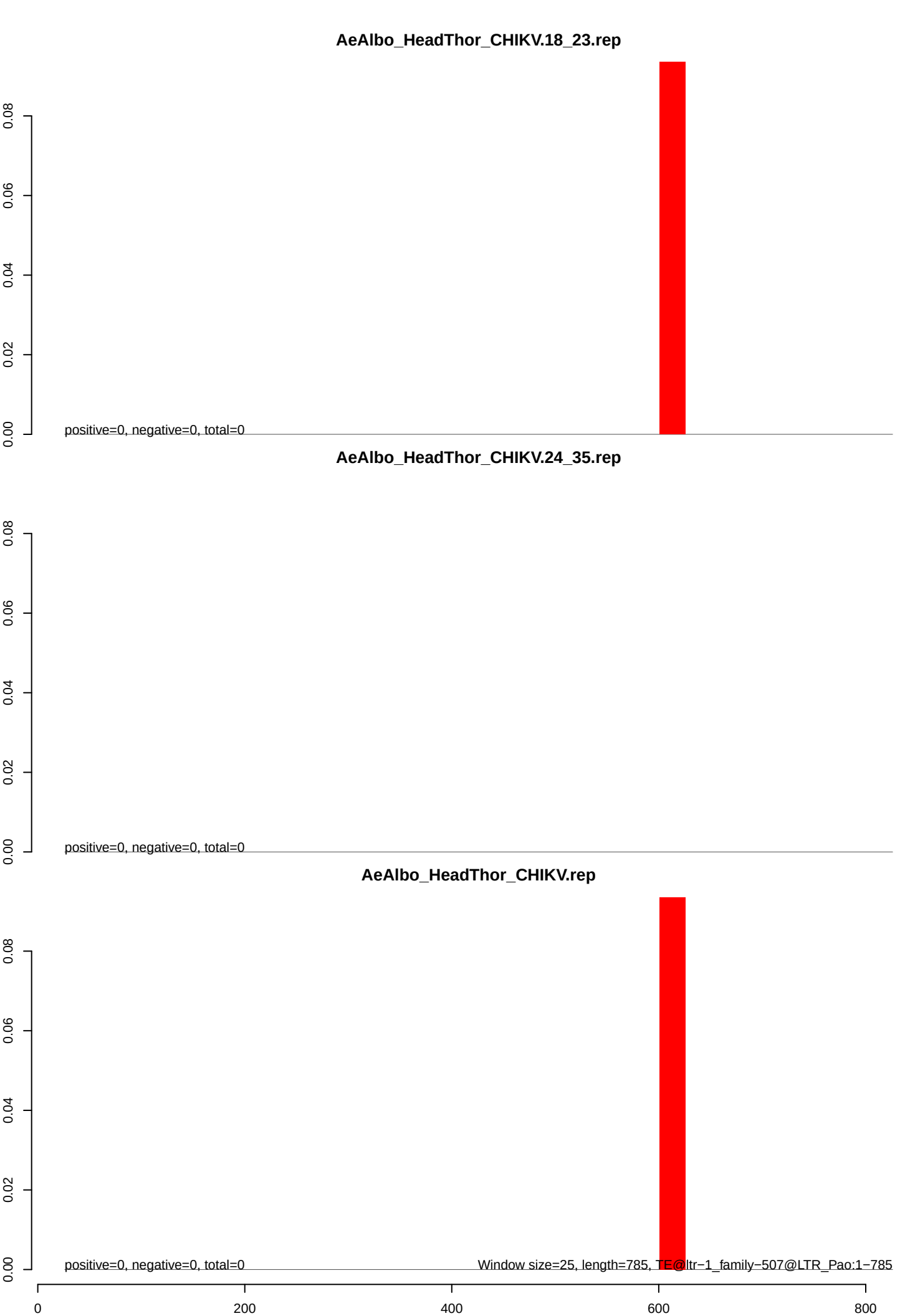

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=1289, TE@ltr−1_family−5918@Unknown:1−1289
0
200
400
600
800
1000
1200

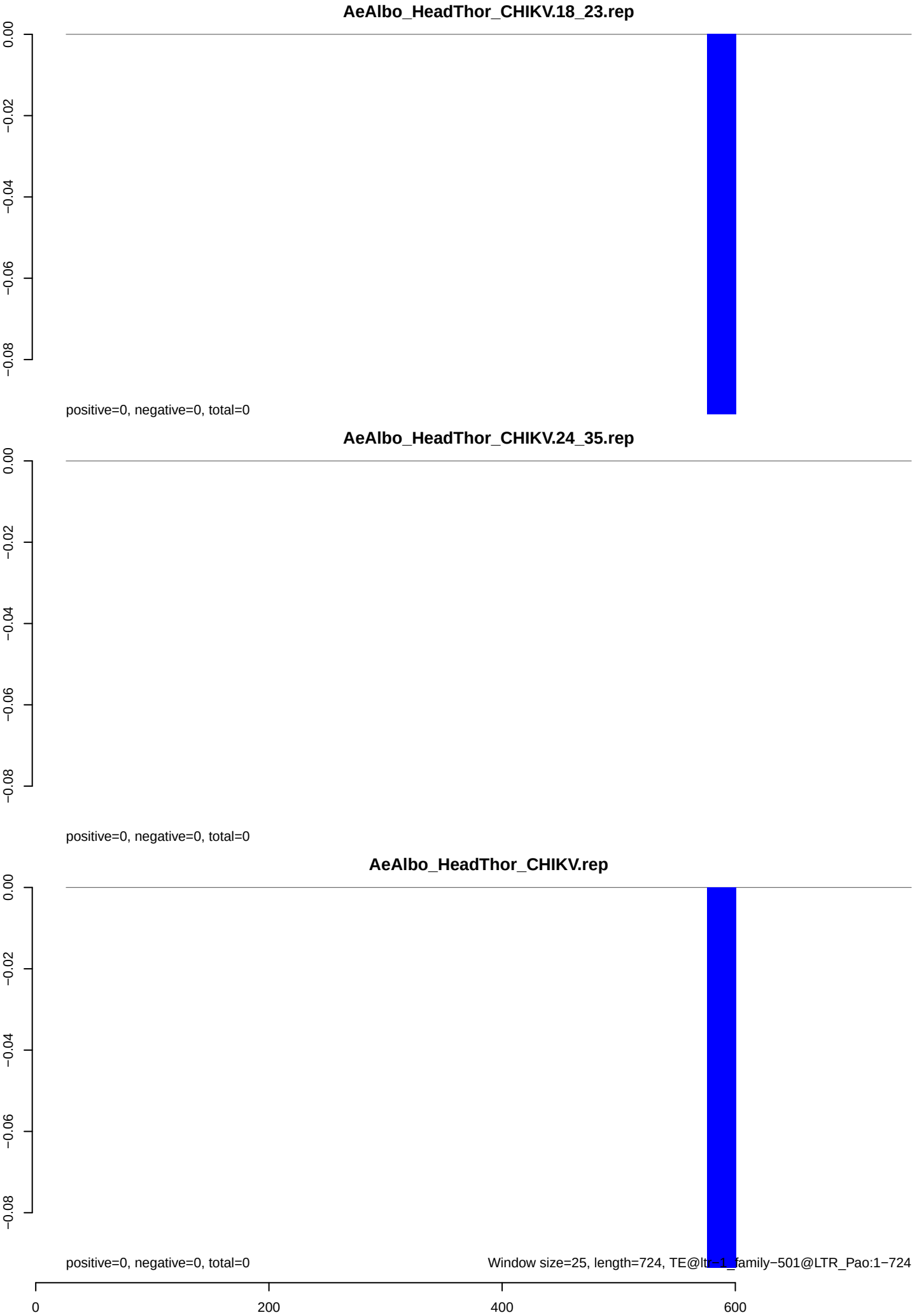

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=574, TE@ltr−1_family−571@LTR_Pao:1−574
100
200
300
400
500
600

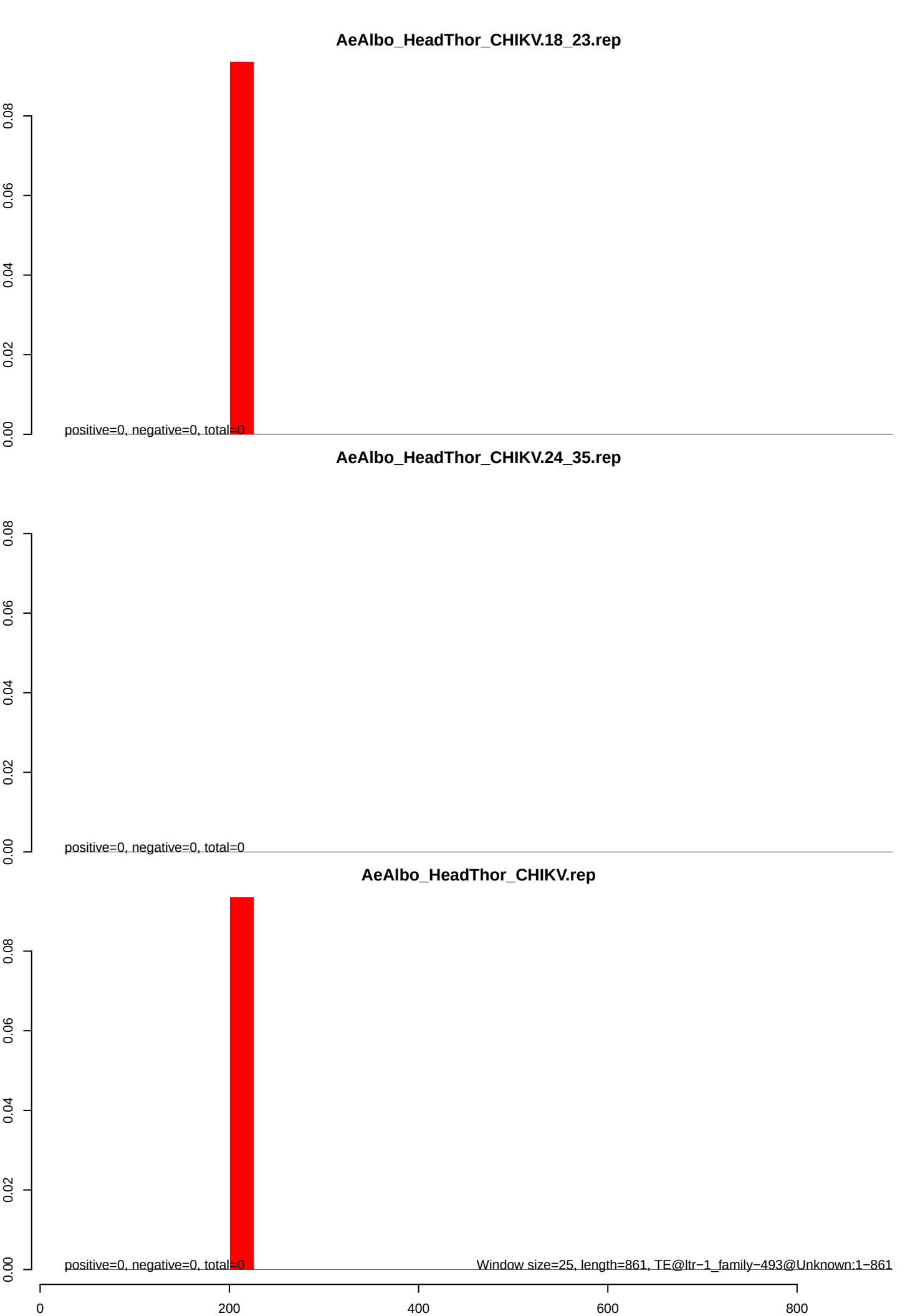

AeAlbo_HeadThor_CHIKV.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=673, TE@ltr−1_family−534@Unknown:1−673
0
100
200
300
400
500
600
700

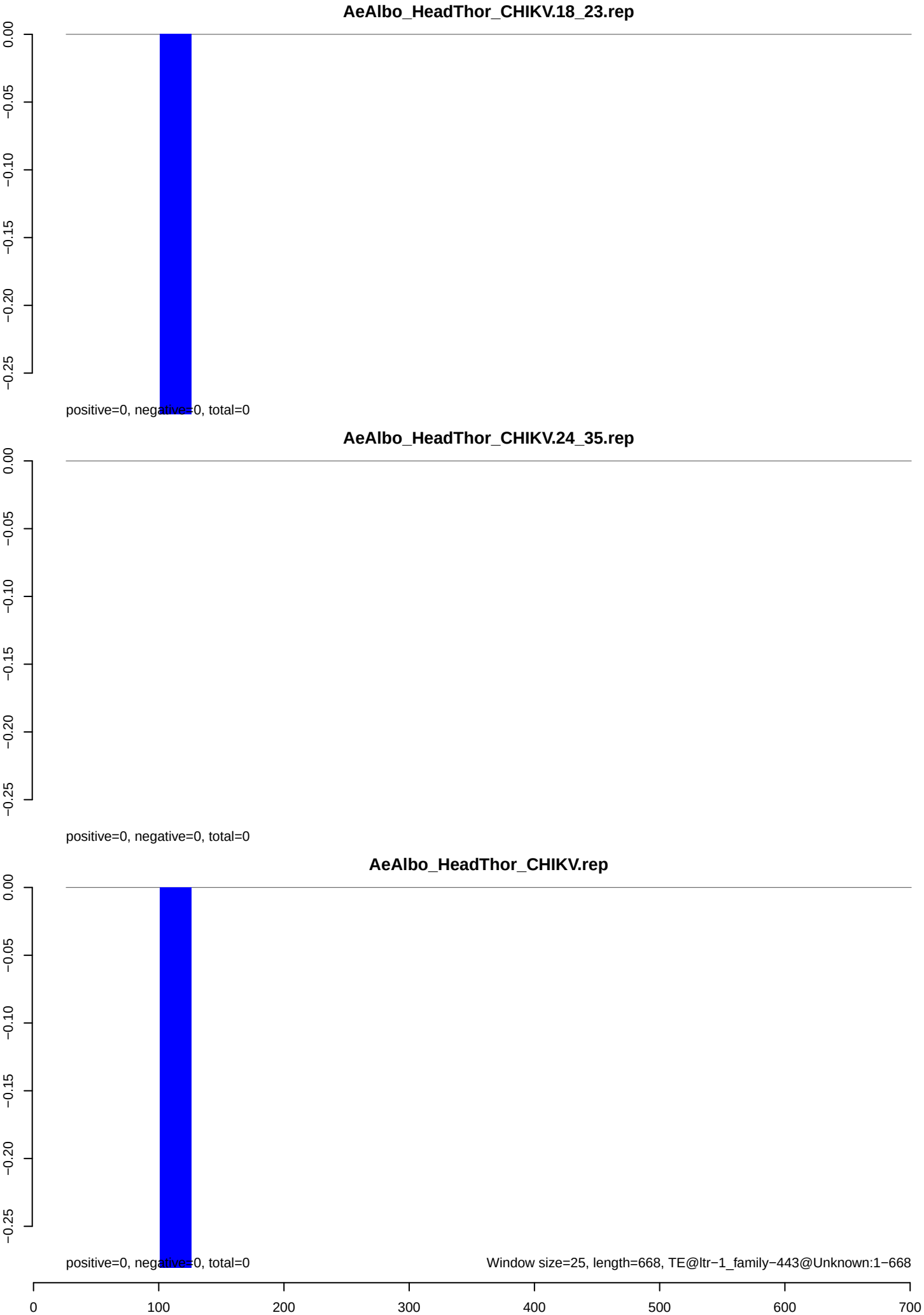

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=1062, TE@ltr−1_family−5108@LTR_Gypsy:1−1062
0
200
400
600
800
1000

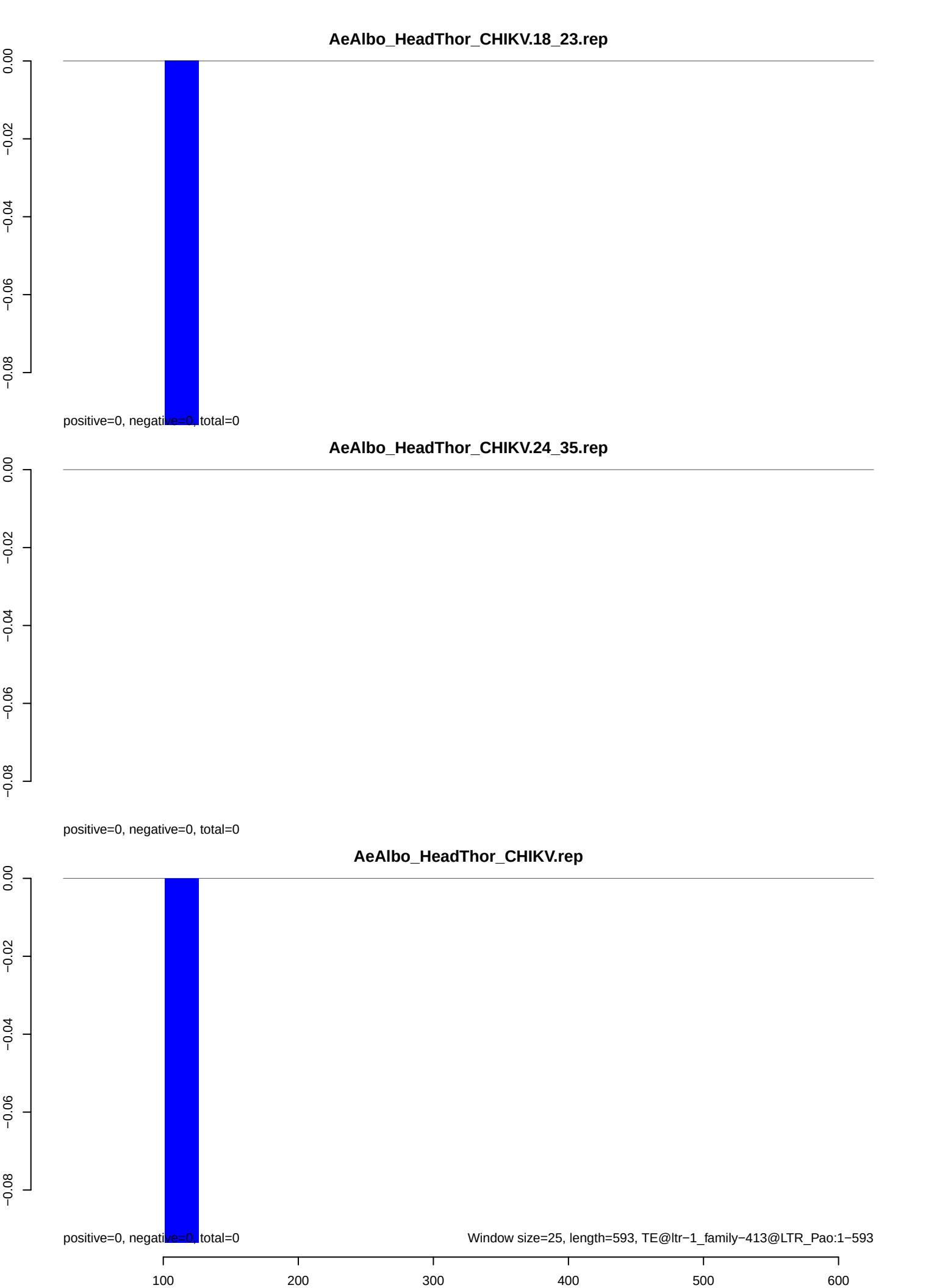

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=812, TE@ltr−1_family−509@LTR_Pao:1−812
0
200
400
600
800

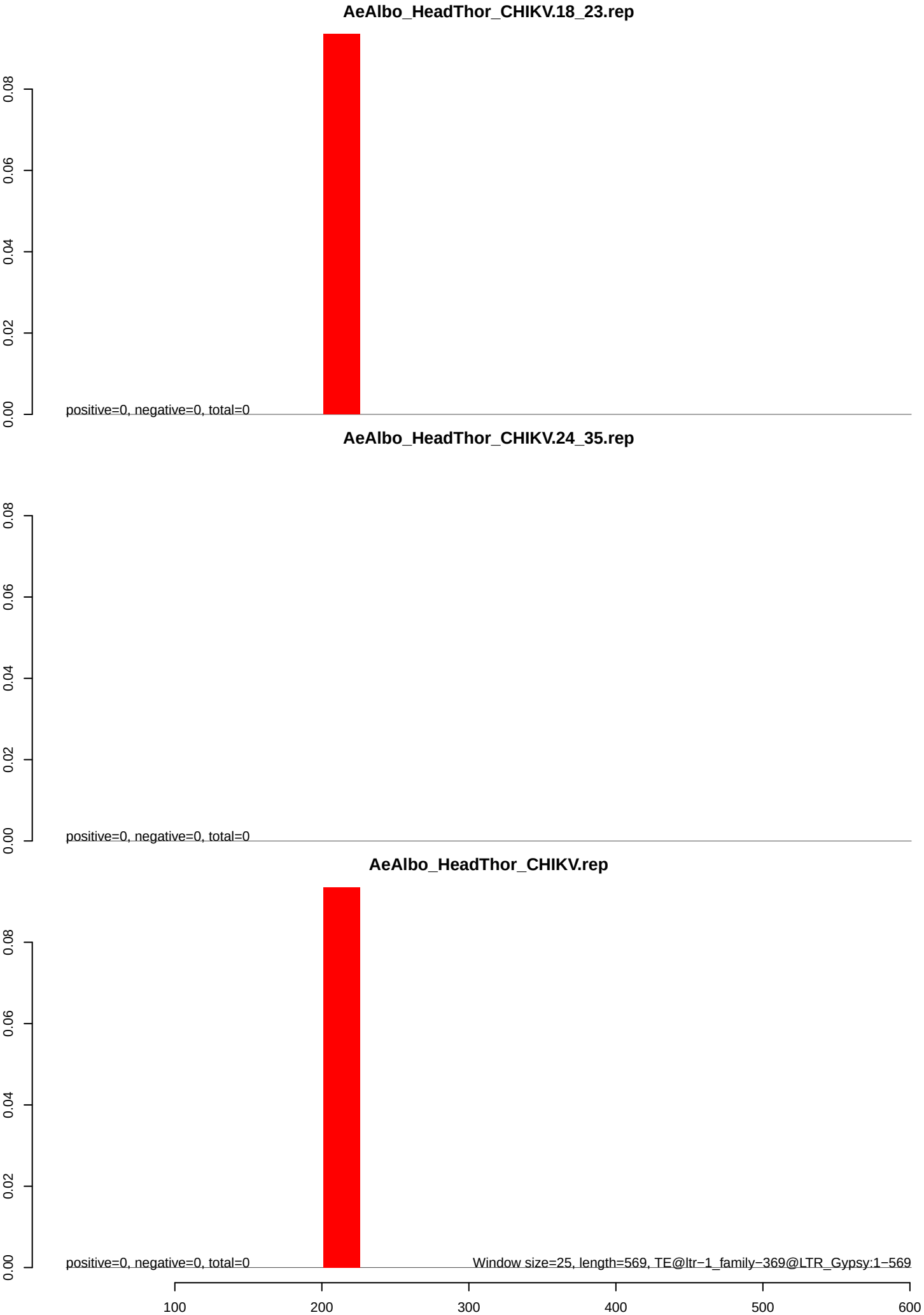

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=785, TE@ltr−1_family−507@LTR_Pao:1−785
0
200
400
600
800

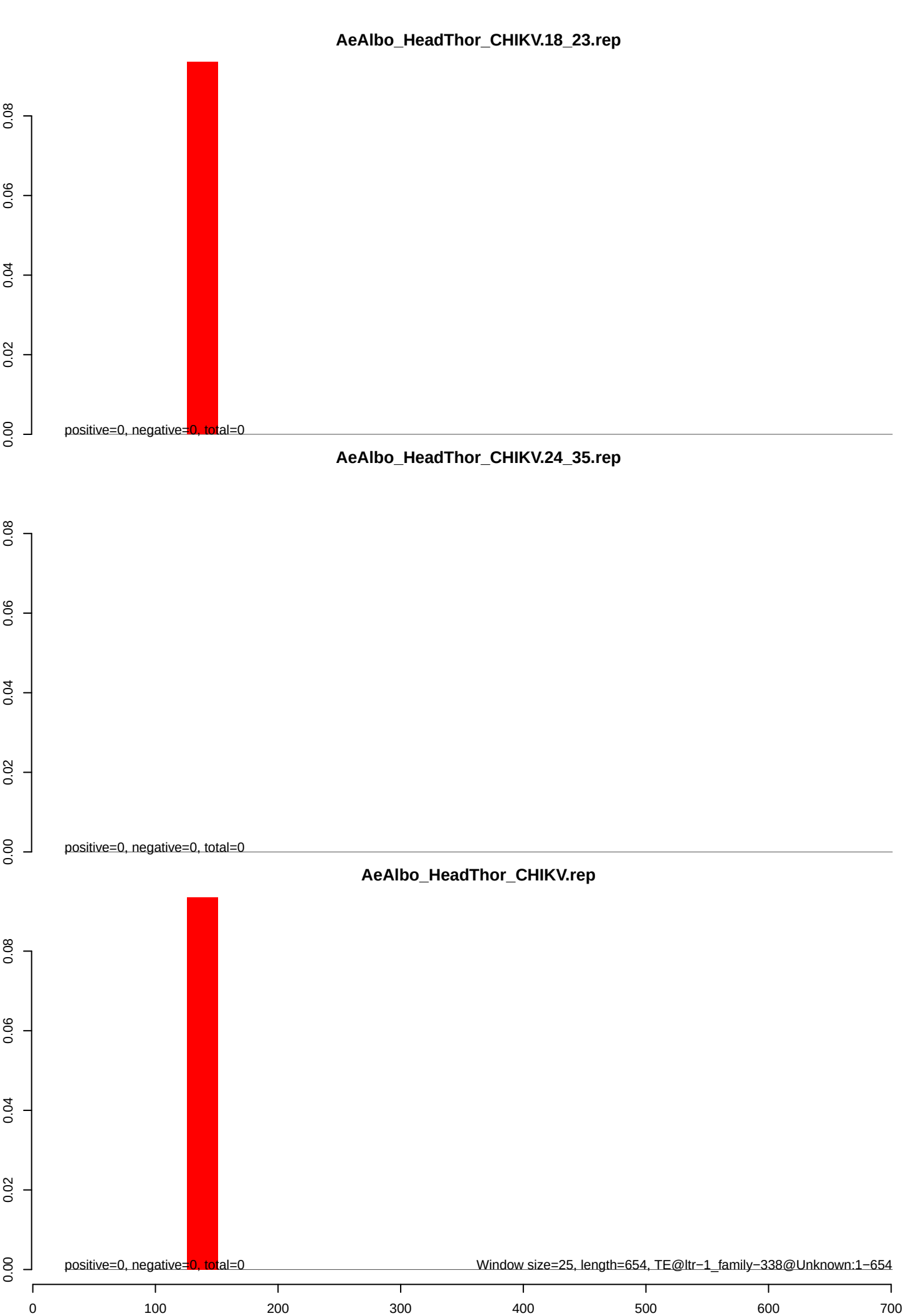

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=724, TE@ltr−1_family−501@LTR_Pao:1−724
0
200
400
600

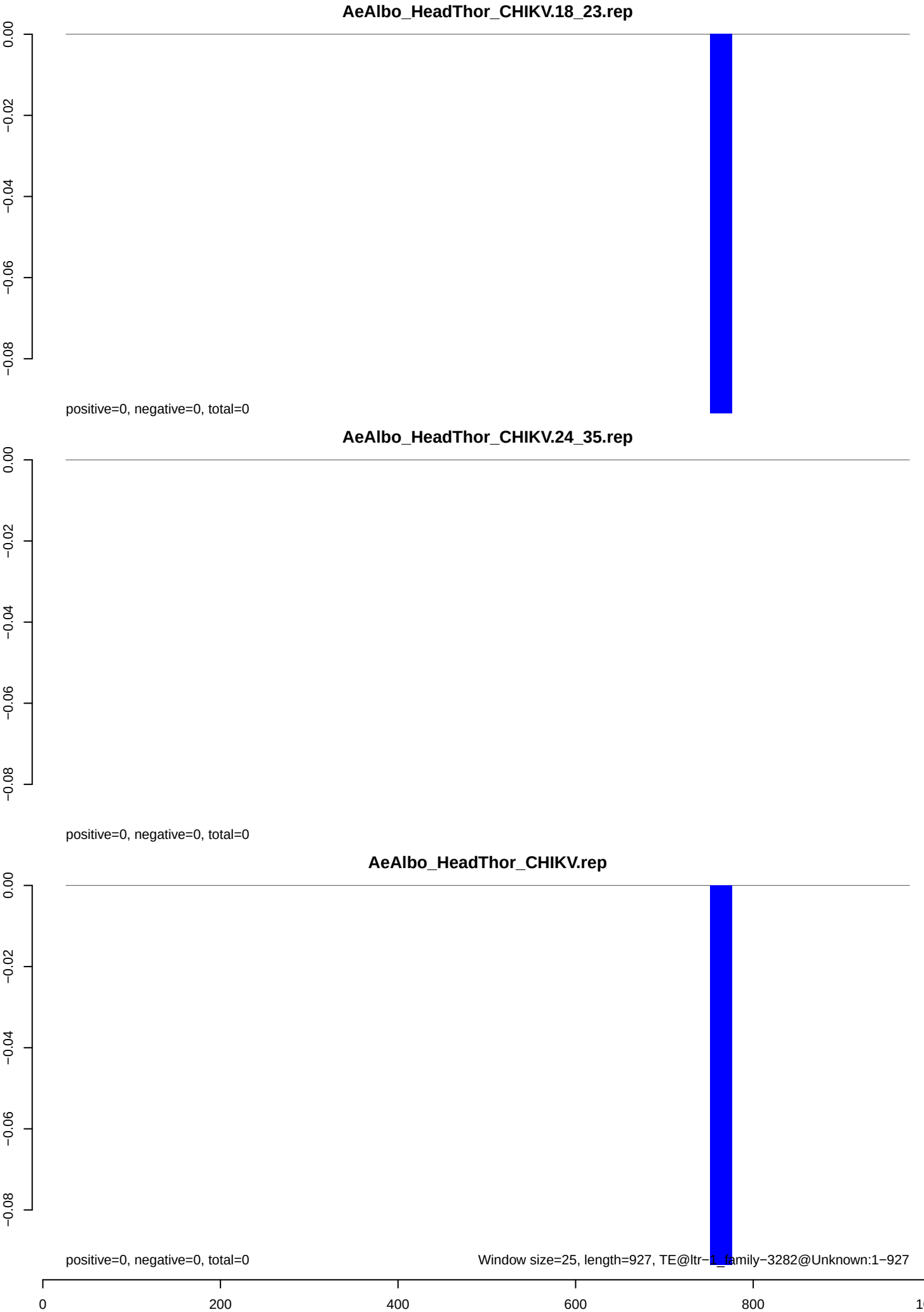

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=861, TE@ltr−1_family−493@Unknown:1−861
0
200
400
600
800

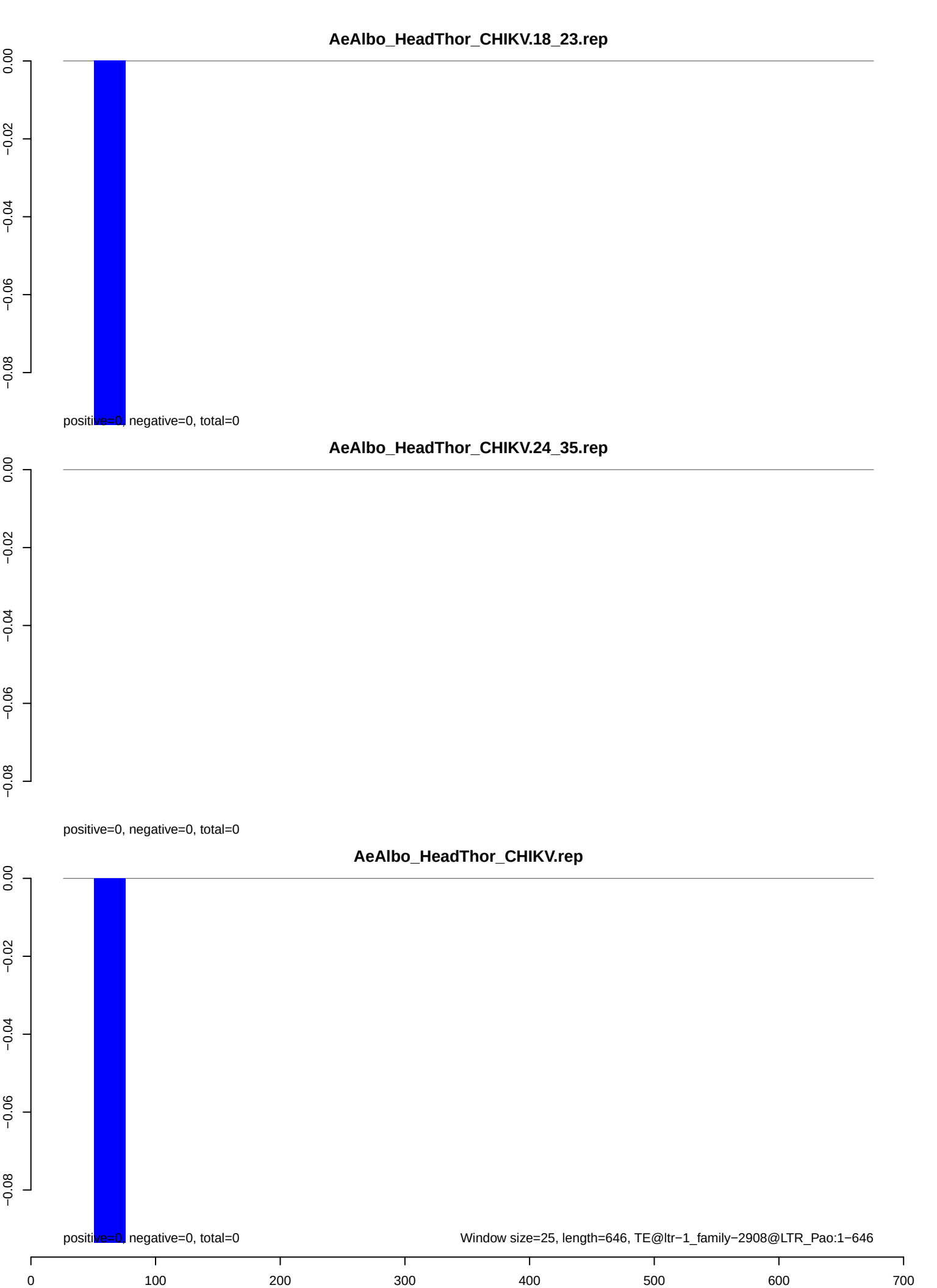

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
positive=0, negative=0, total=0
Window size=25, length=668, TE@ltr−1_family−443@Unknown:1−668
0
100
200
300
400
500
600
700

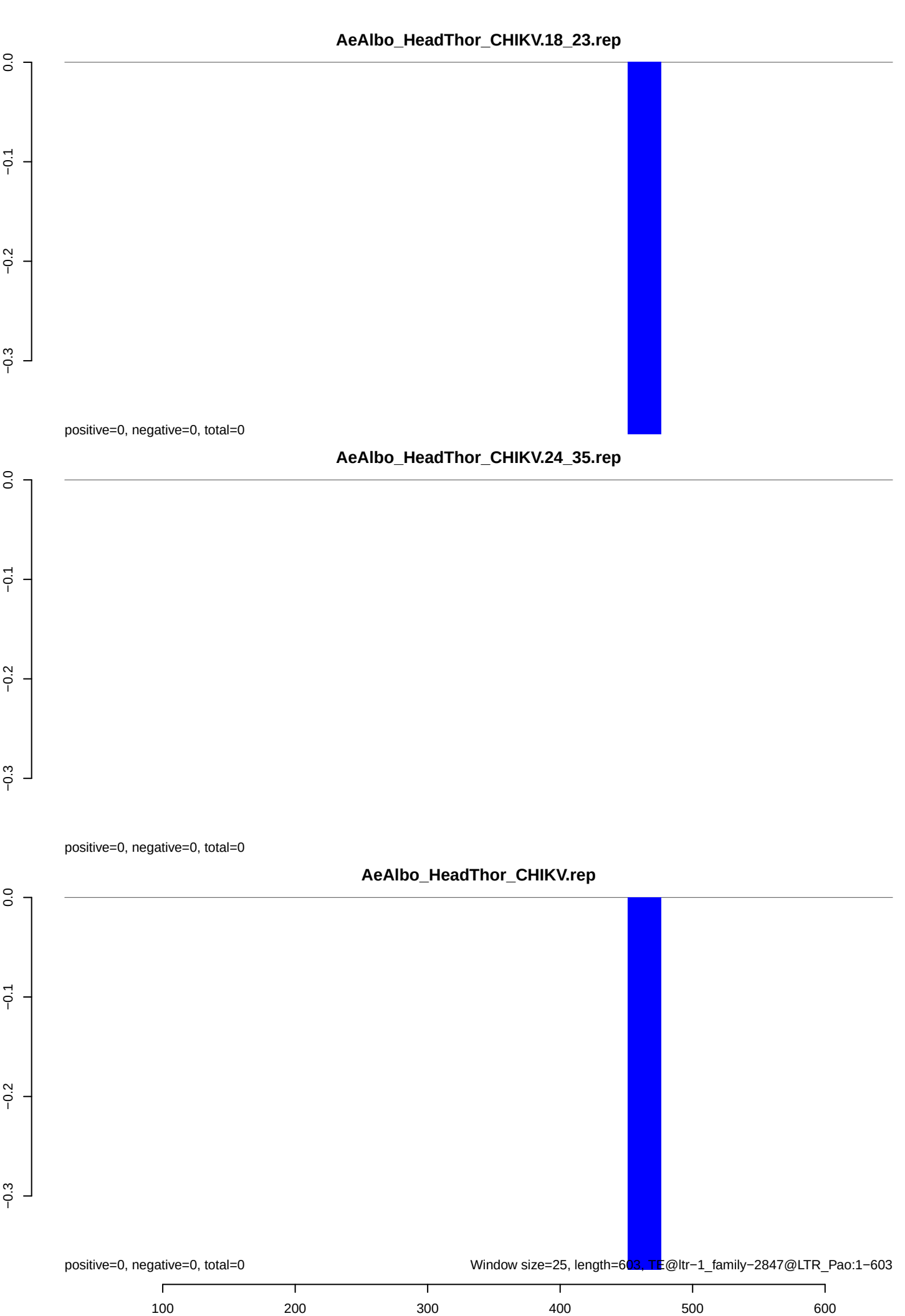

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=593, TE@ltr−1_family−413@LTR_Pao:1−593
100
200
300
400
500
600

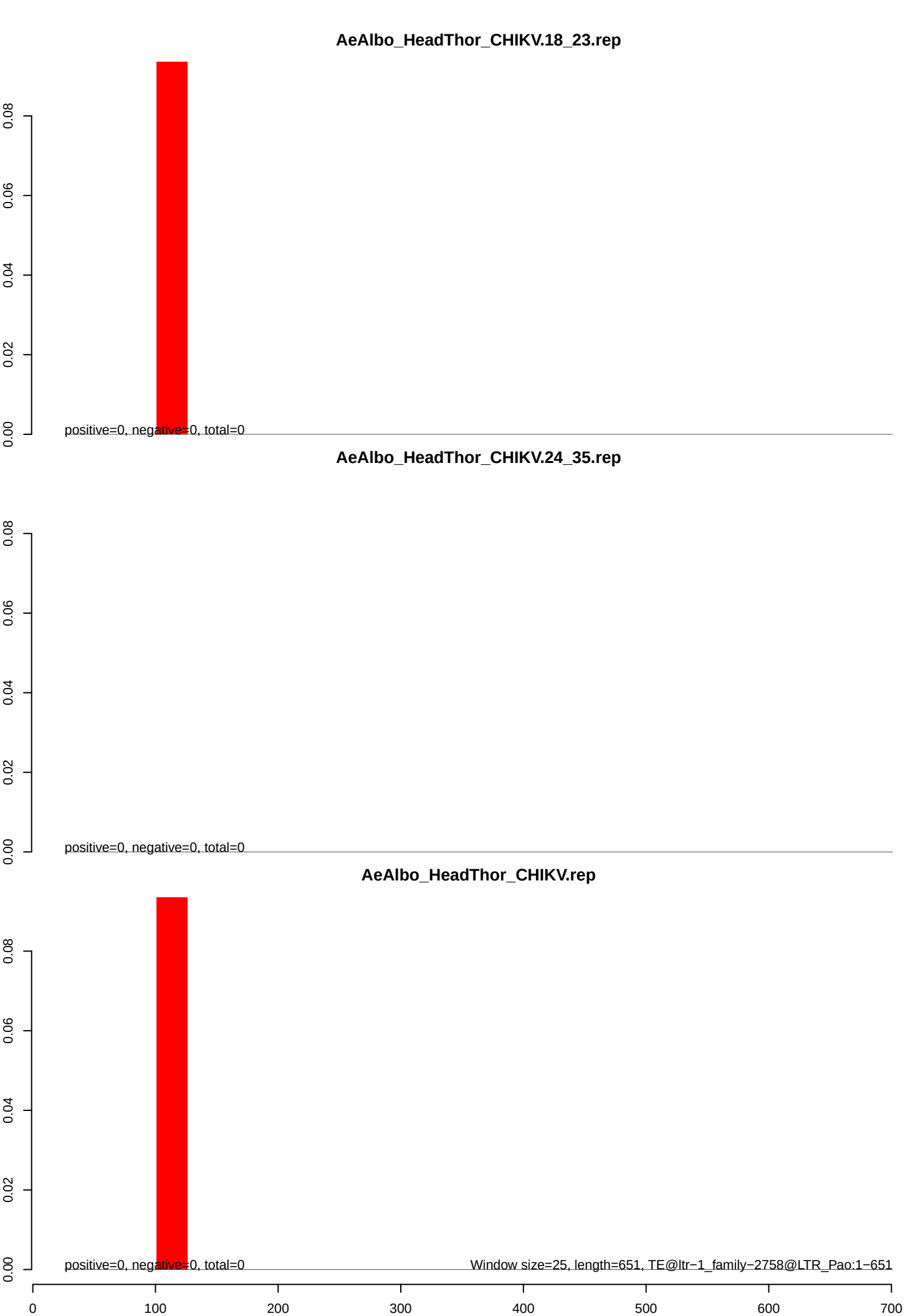

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=569, TE@ltr−1_family−369@LTR_Gypsy:1−569
100
200
300
400
500
600

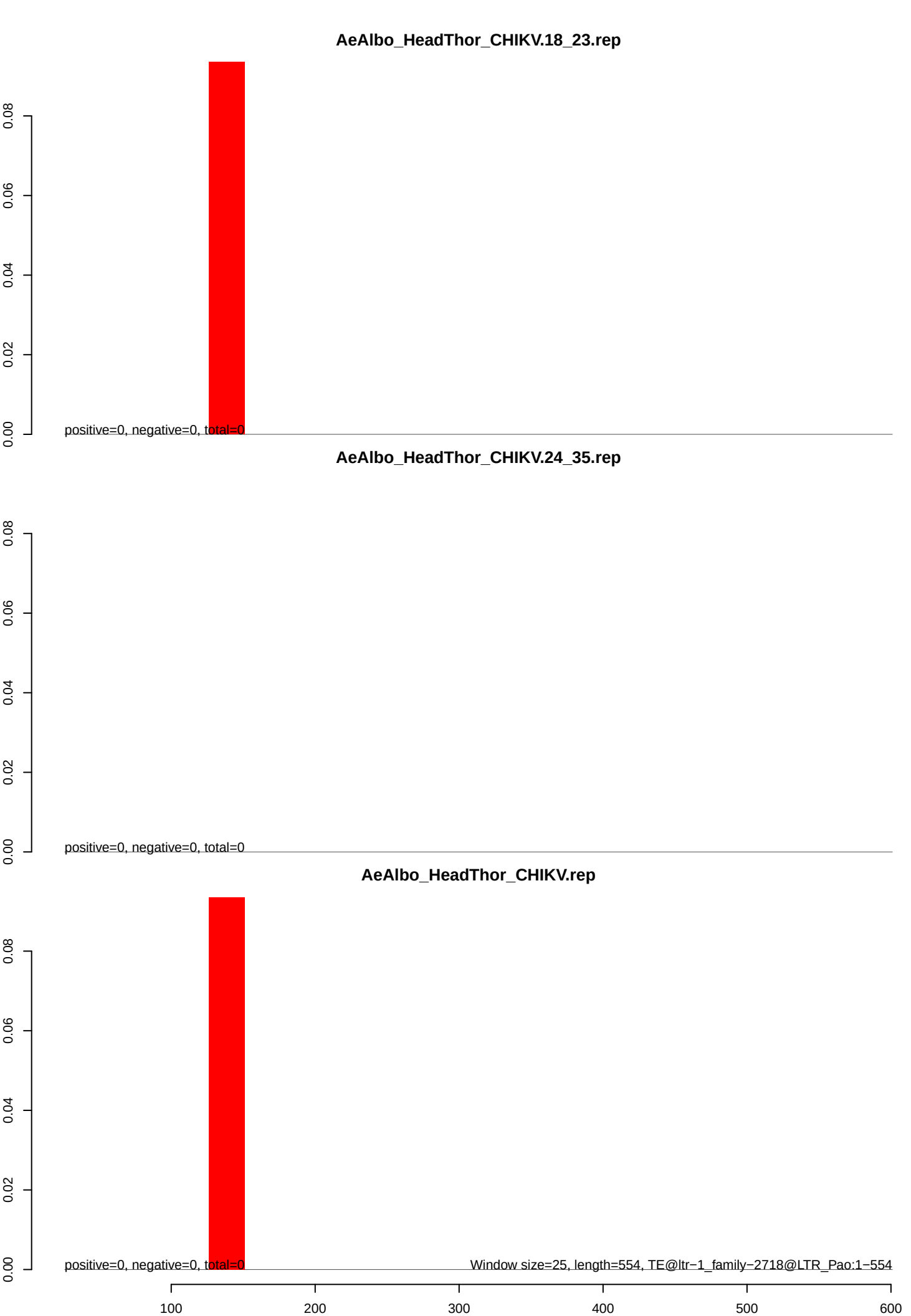

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=654, TE@ltr−1_family−338@Unknown:1−654
0
100
200
300
400
500
600
700

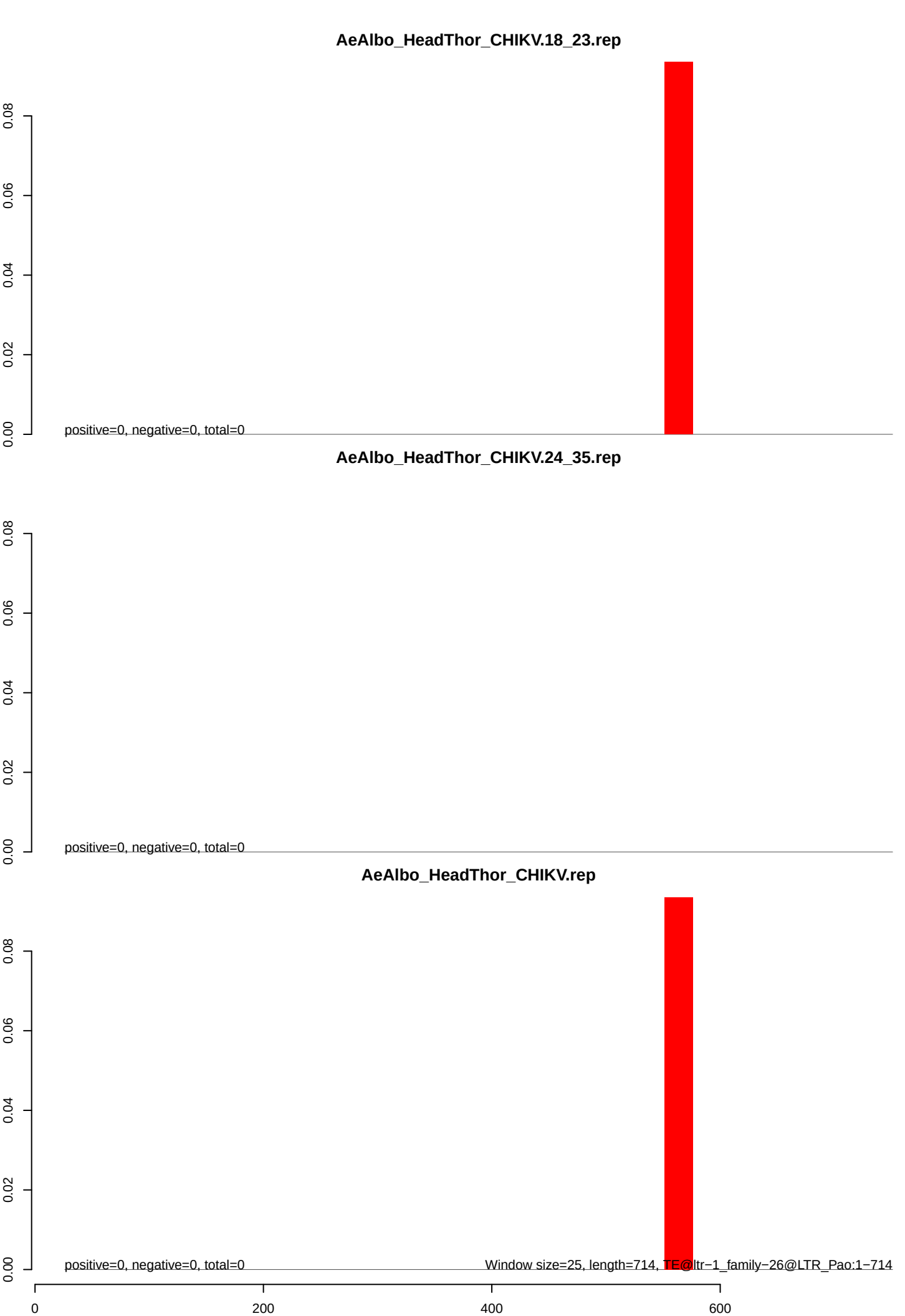

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=927, TE@ltr−1_family−3282@Unknown:1−927
0
200
400
600
800
1000

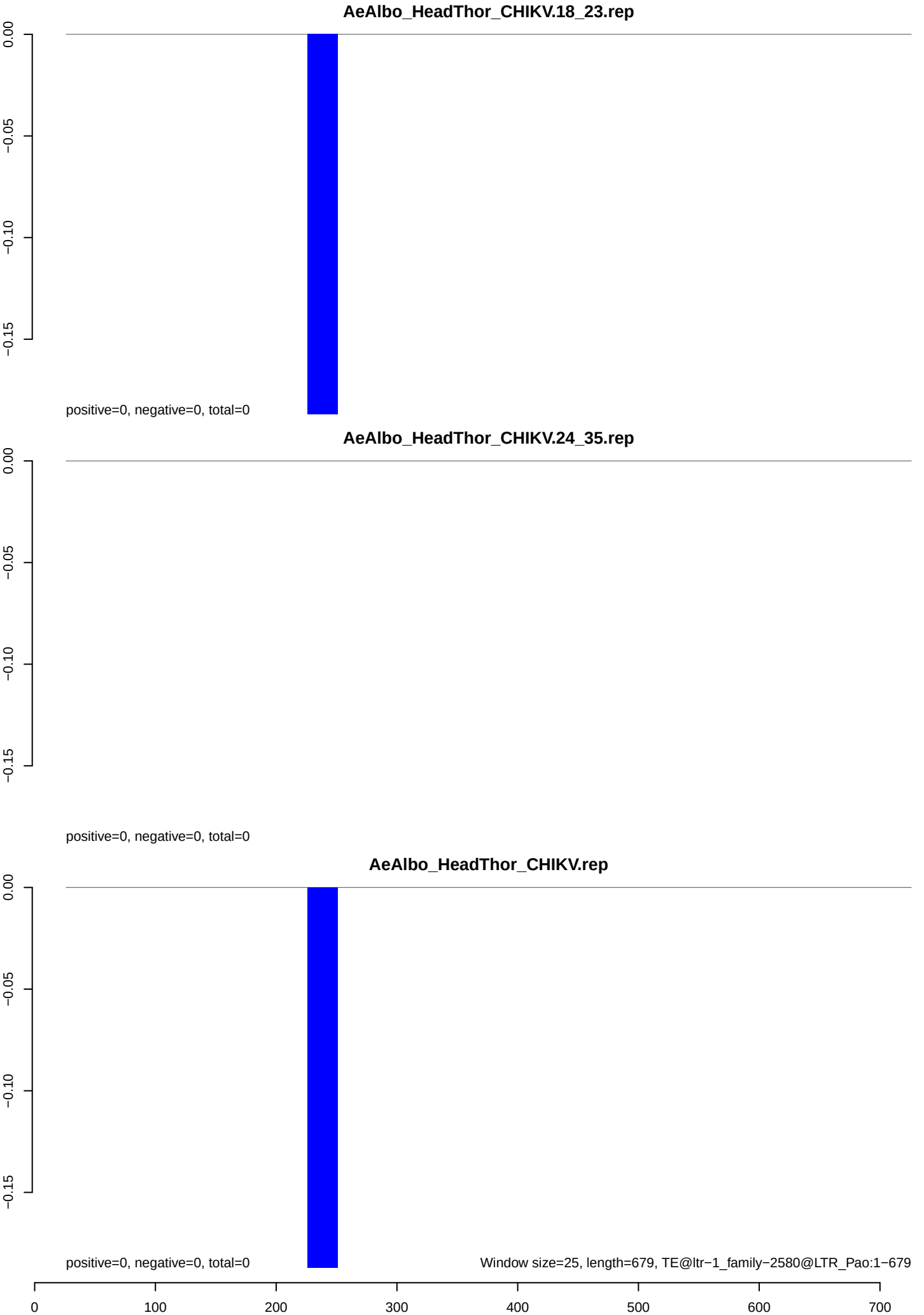

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=646, TE@ltr−1_family−2908@LTR_Pao:1−646
0
100
200
300
400
500
600
700

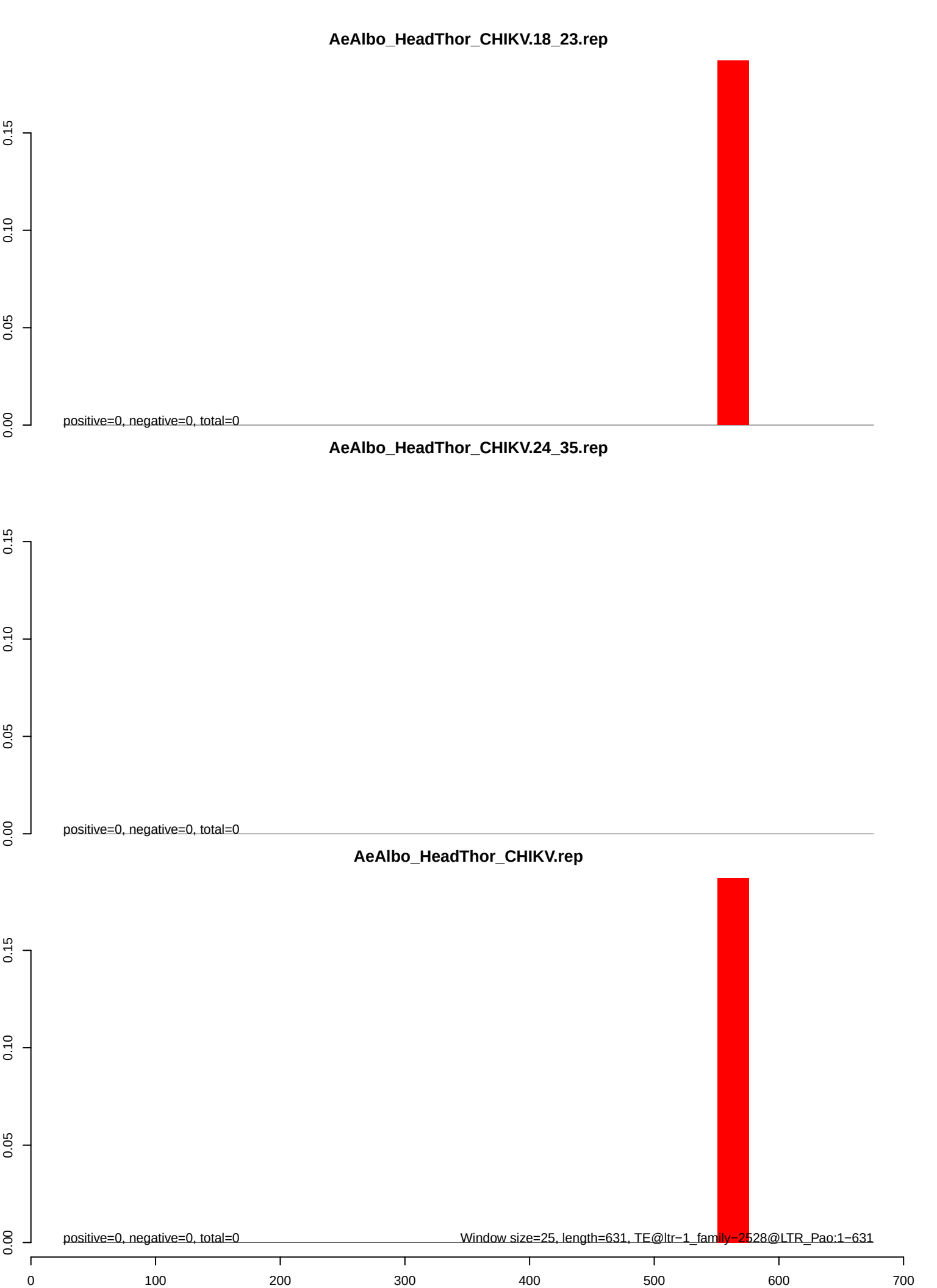

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
Window size=25, length=603, TE@ltr−1_family−2847@LTR_Pao:1−603
100
200
300
400
500
600

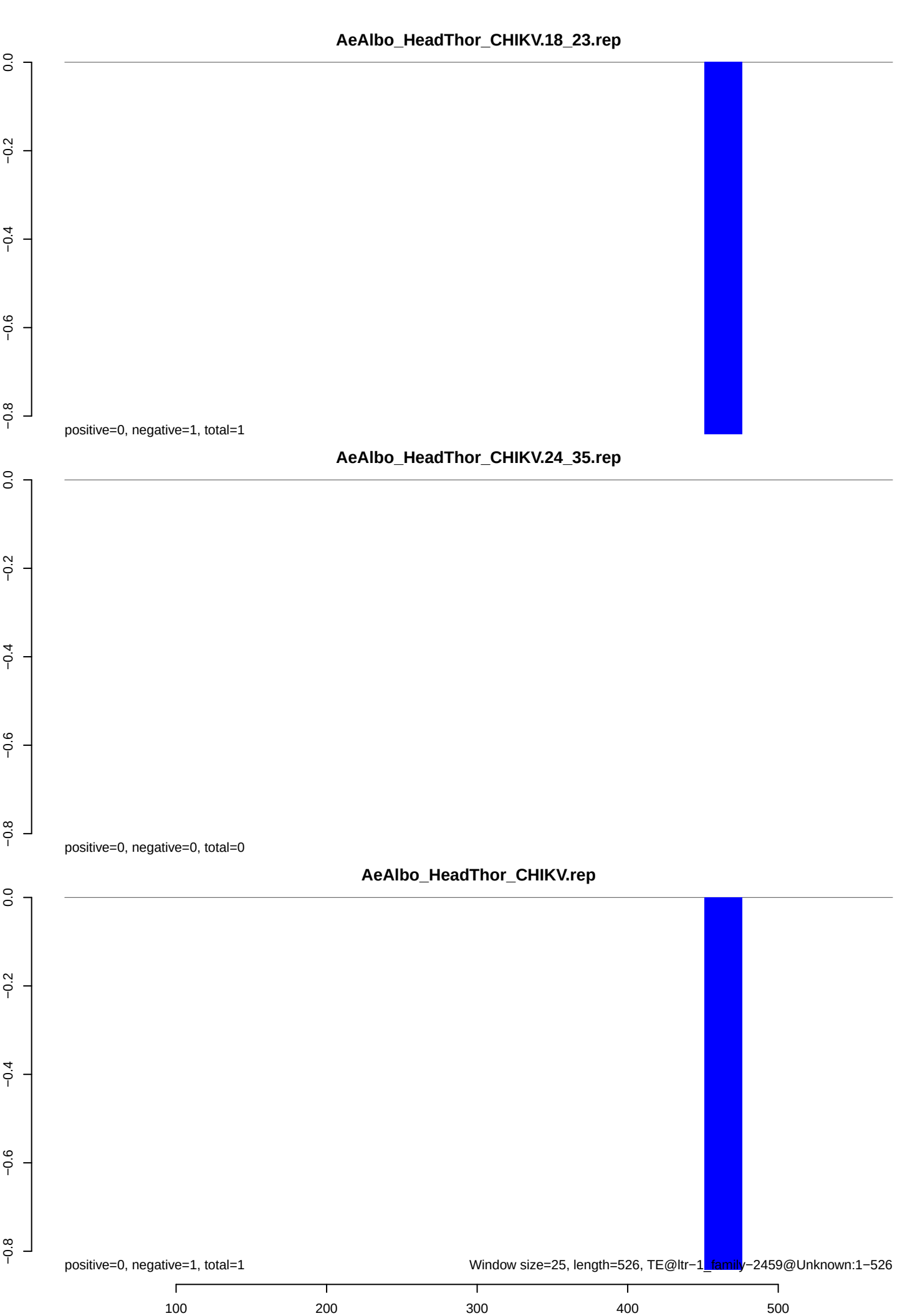

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=651, TE@ltr−1_family−2758@LTR_Pao:1−651
0
100
200
300
400
500
600
700

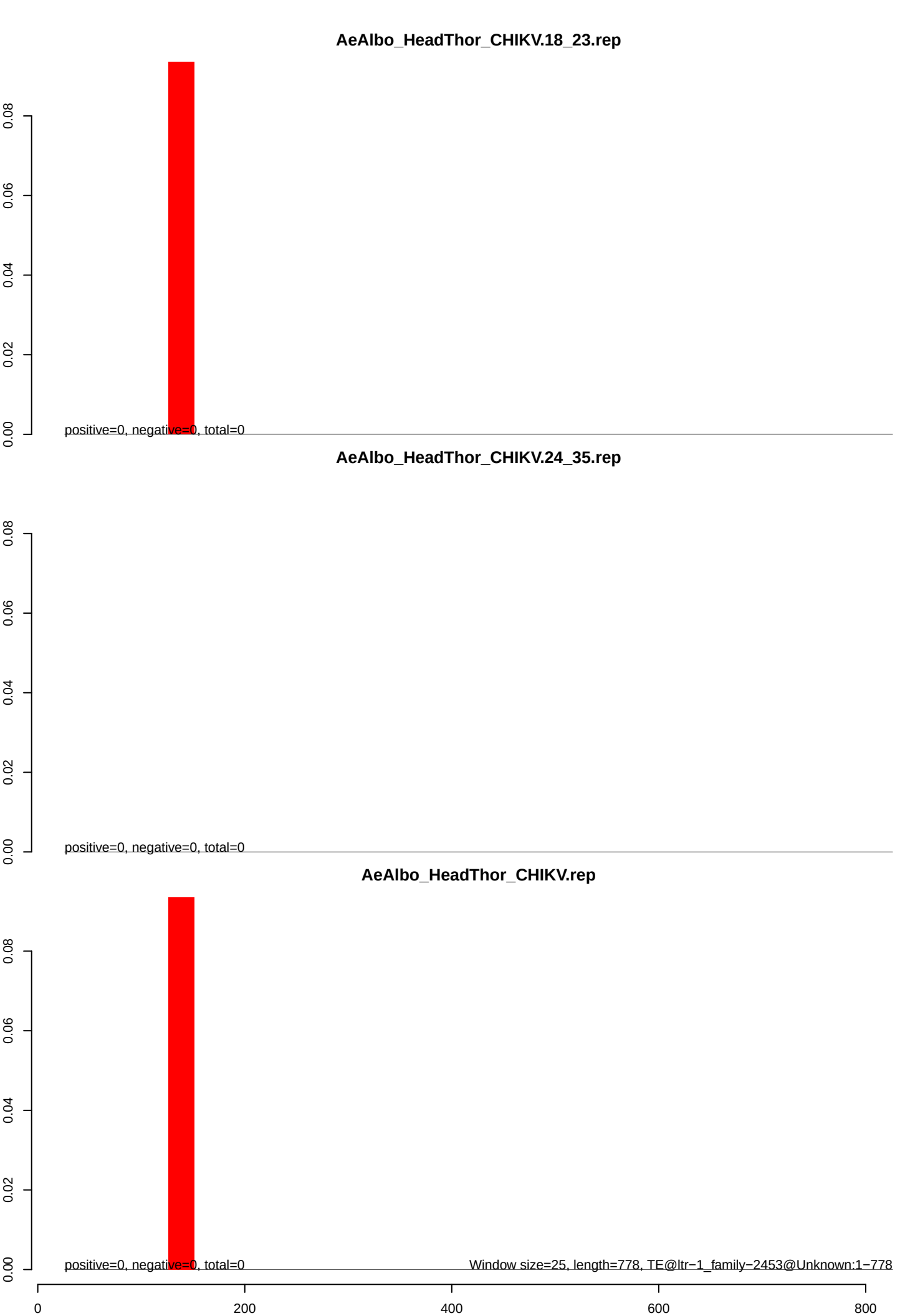

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=554, TE@ltr−1_family−2718@LTR_Pao:1−554
100
200
300
400
500
600

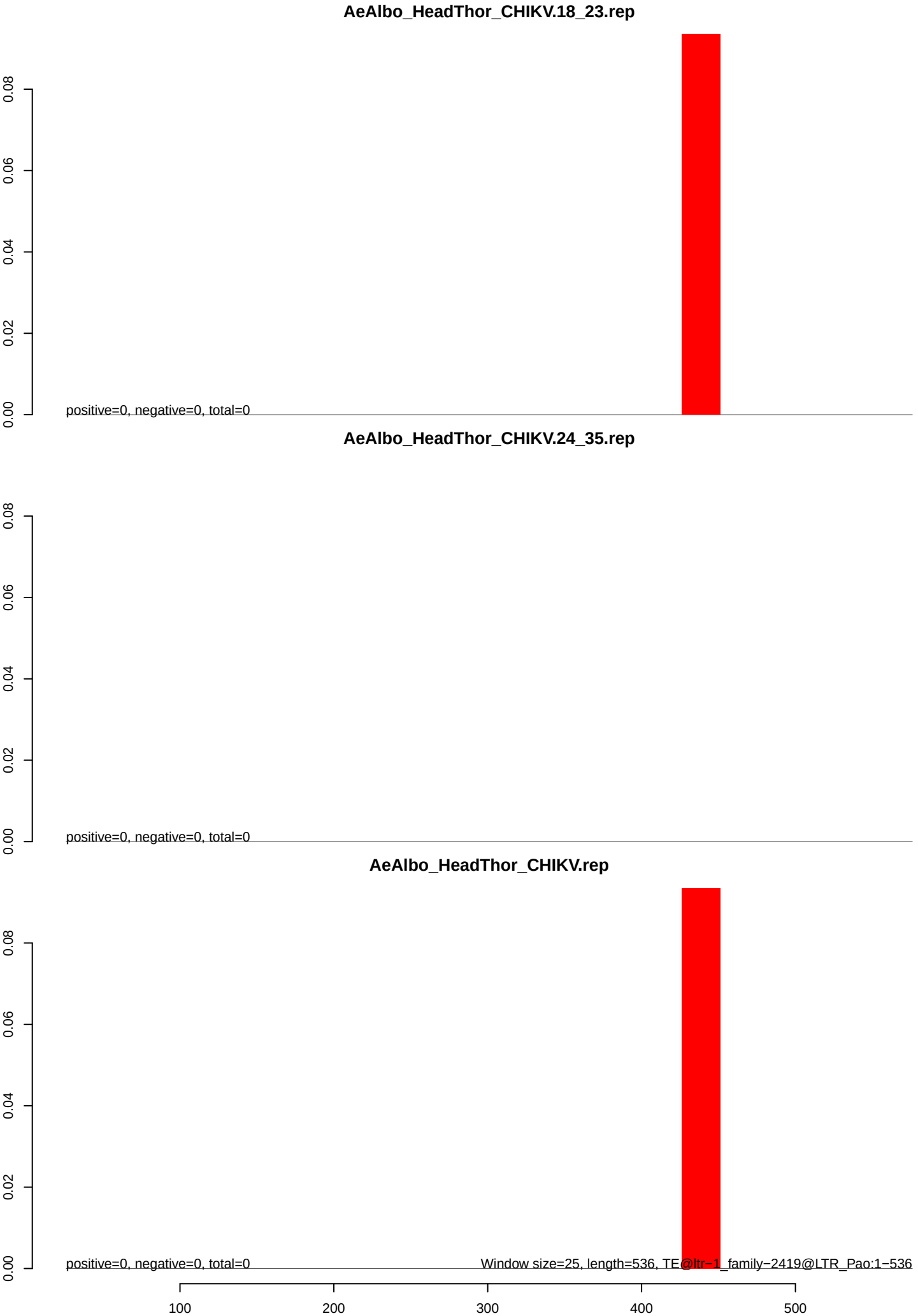

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=714, TE@ltr−1_family−26@LTR_Pao:1−714
0
200
400
600

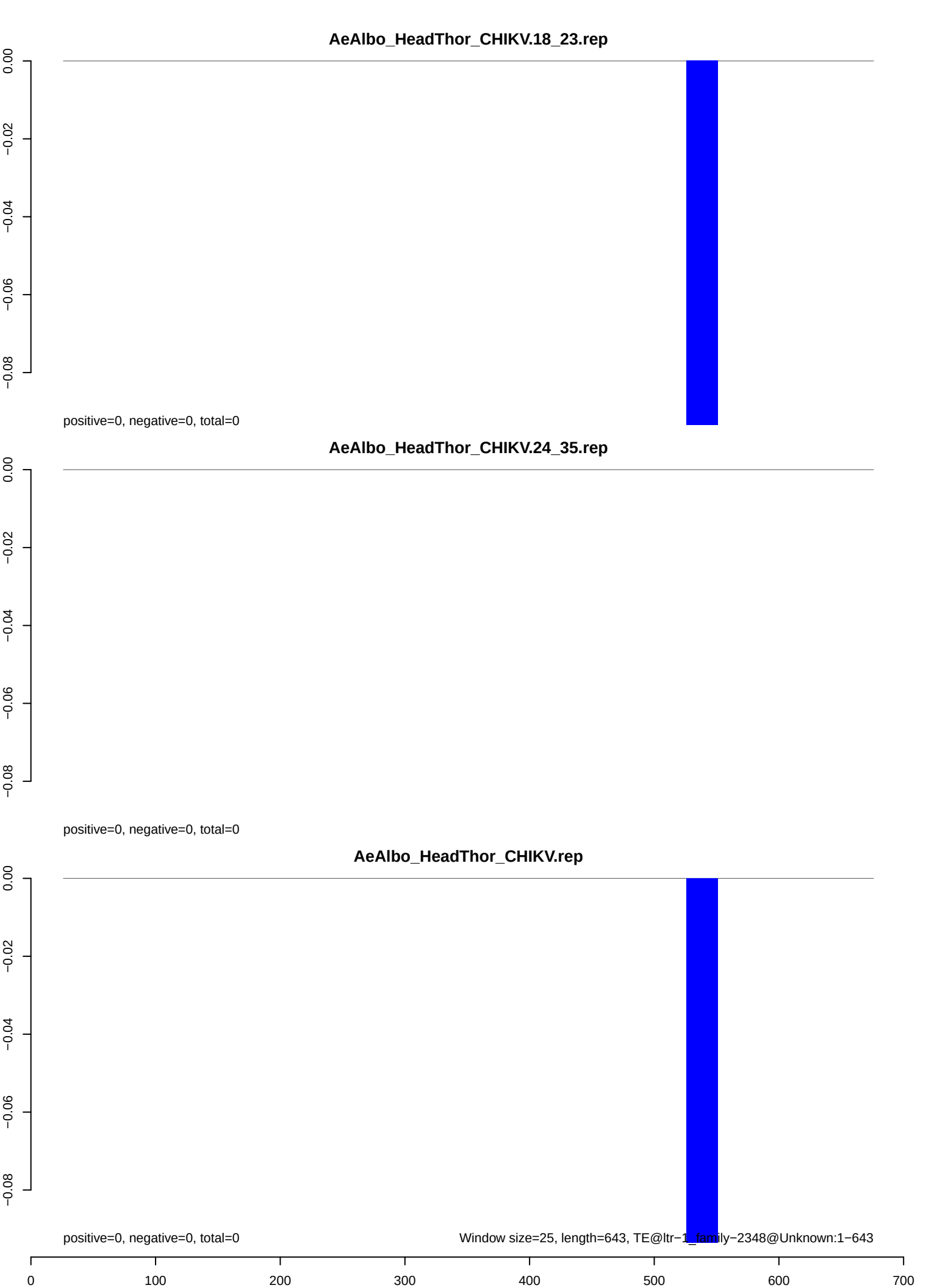

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=679, TE@ltr−1_family−2580@LTR_Pao:1−679
0
100
200
300
400
500
600
700

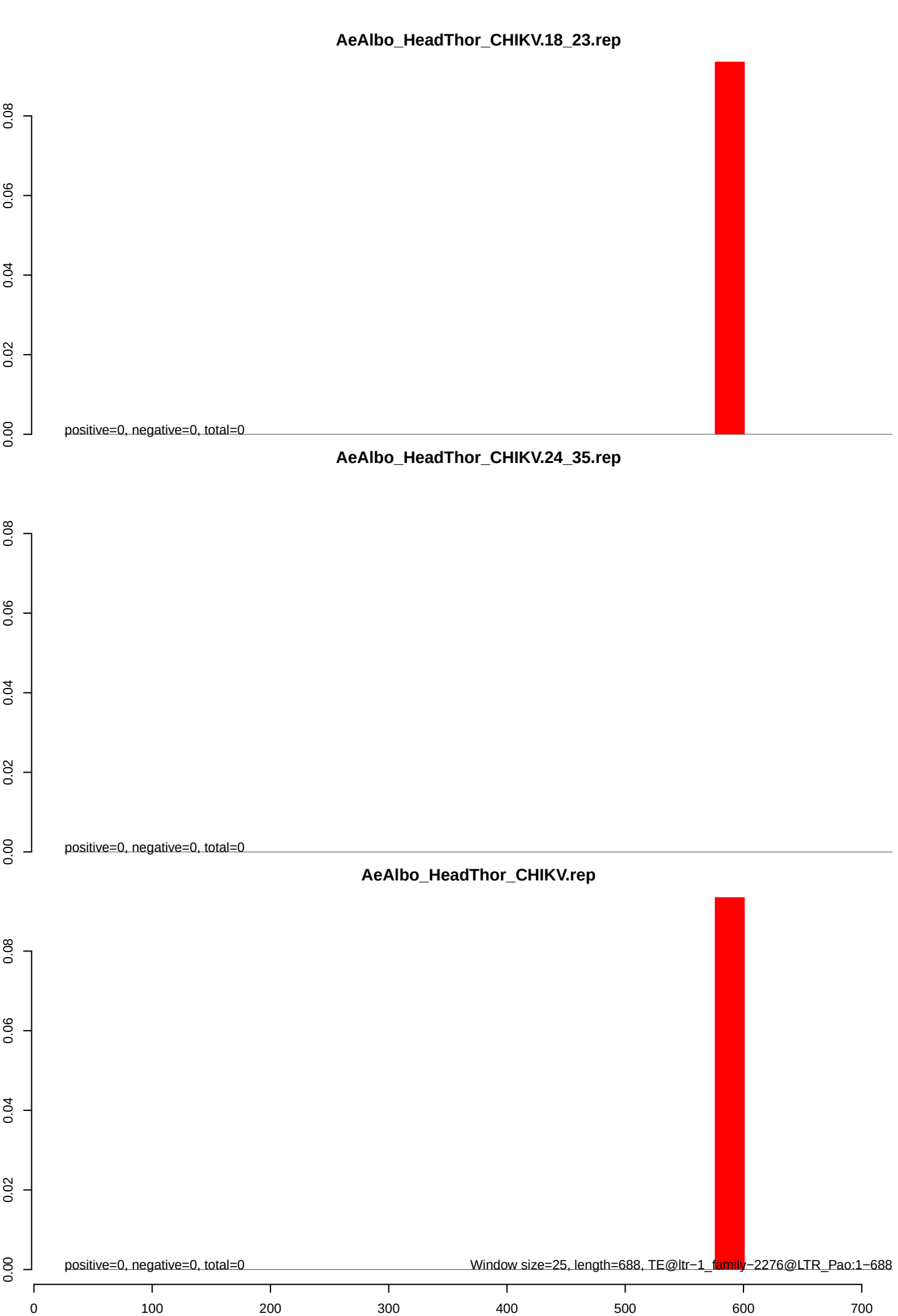

AeAlbo_HeadThor_CHIKV.18_23.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
Window size=25, length=631, TE@ltr−1_family−2528@LTR_Pao:1−631
0
100
200
300
400
500
600
700

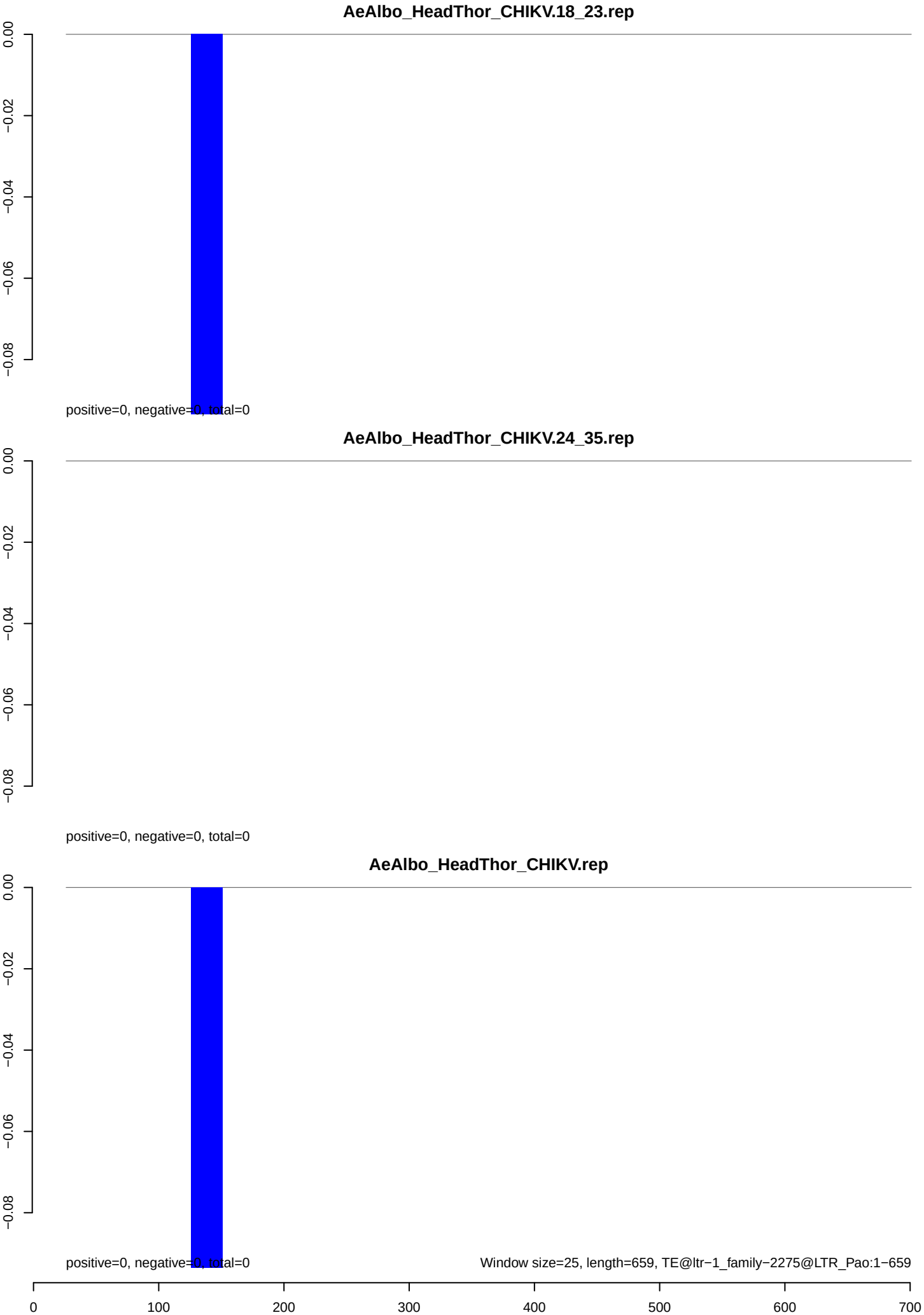

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.2
−0.4
−0.6
−0.8
positive=0, negative=1, total=1
Window size=25, length=526, TE@ltr−1_family−2459@Unknown:1−526
100
200
300
400
500

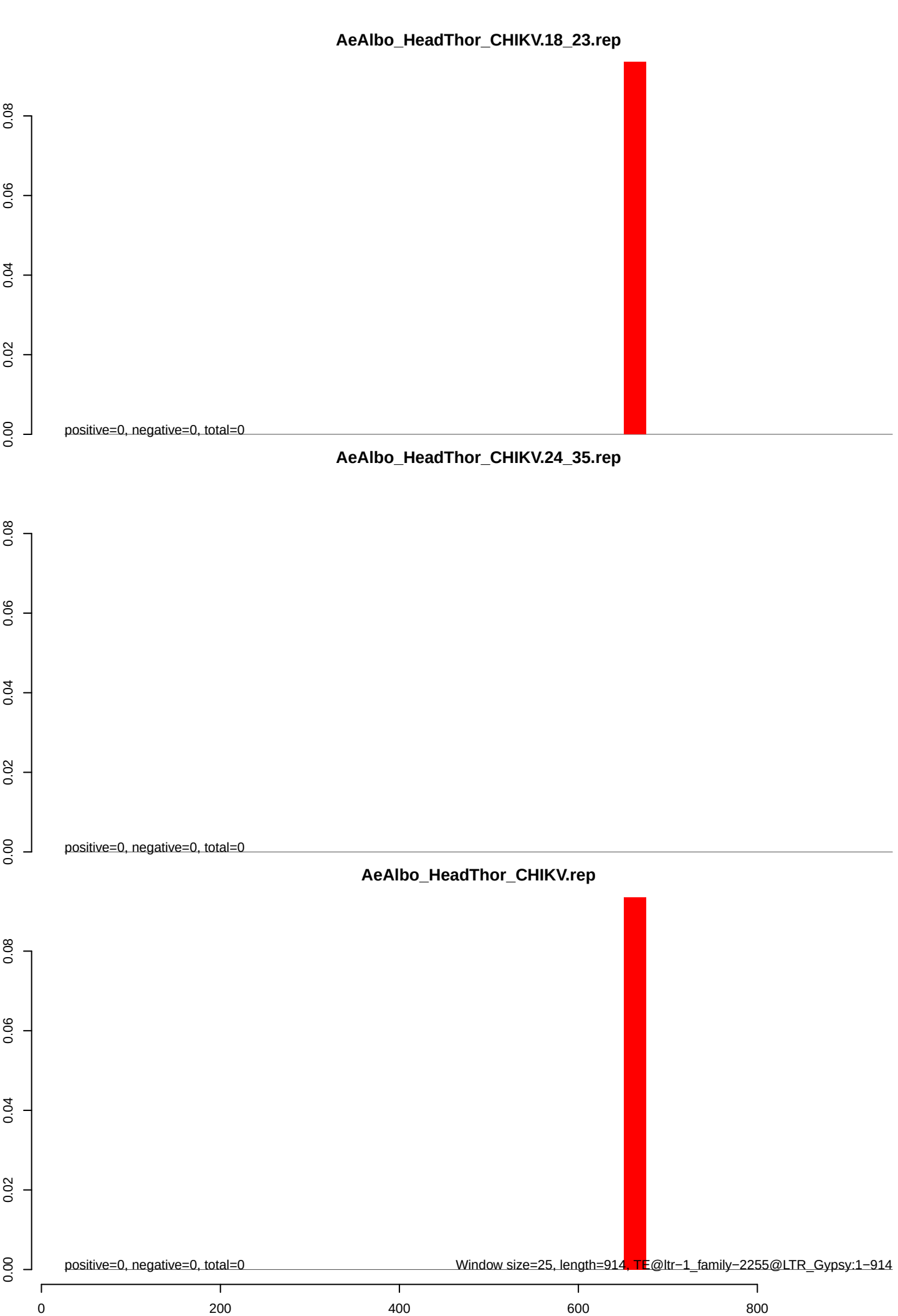

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=778, TE@ltr−1_family−2453@Unknown:1−778
0
200
400
600
800

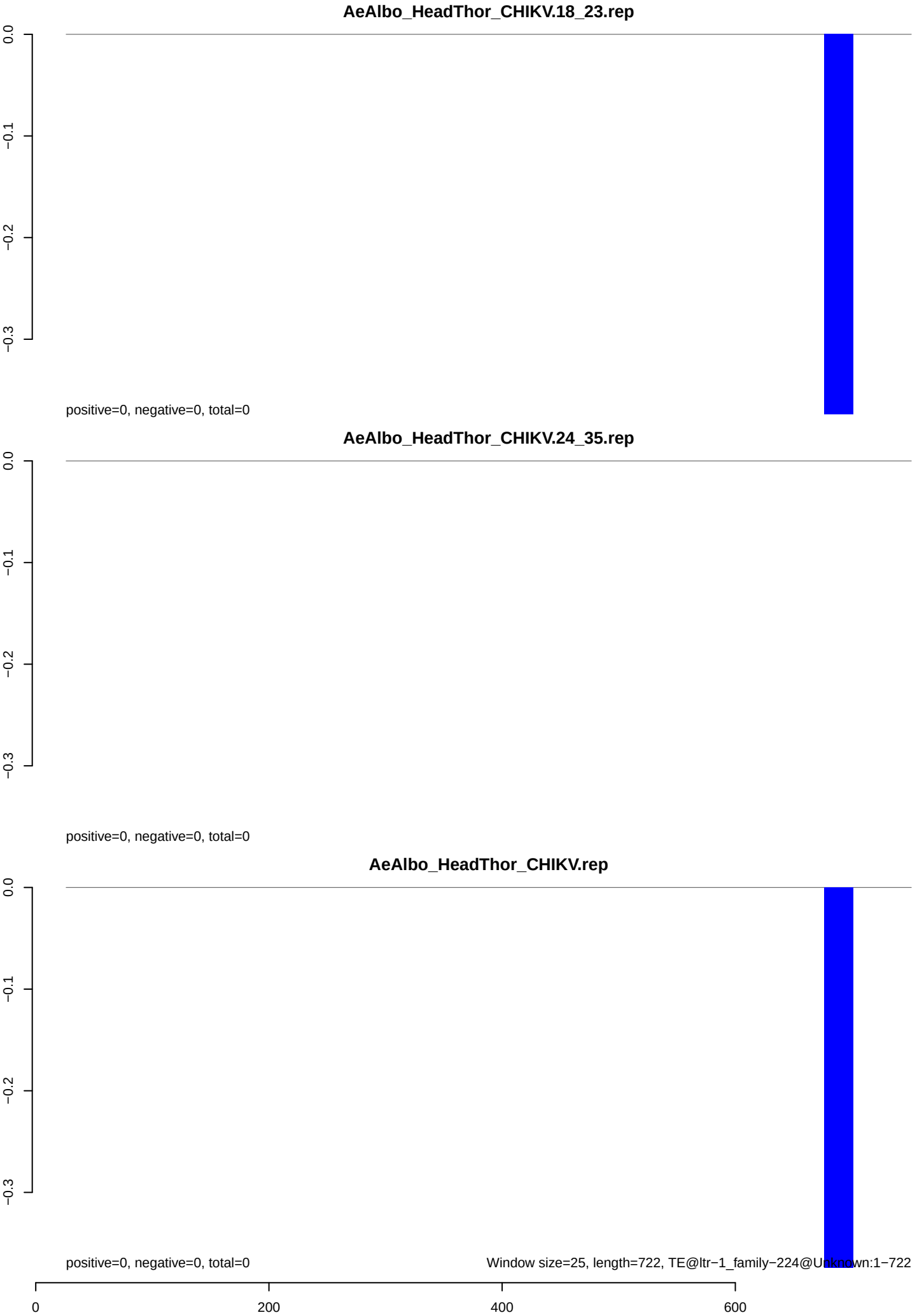

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=536, TE@ltr−1_family−2419@LTR_Pao:1−536
100
200
300
400
500

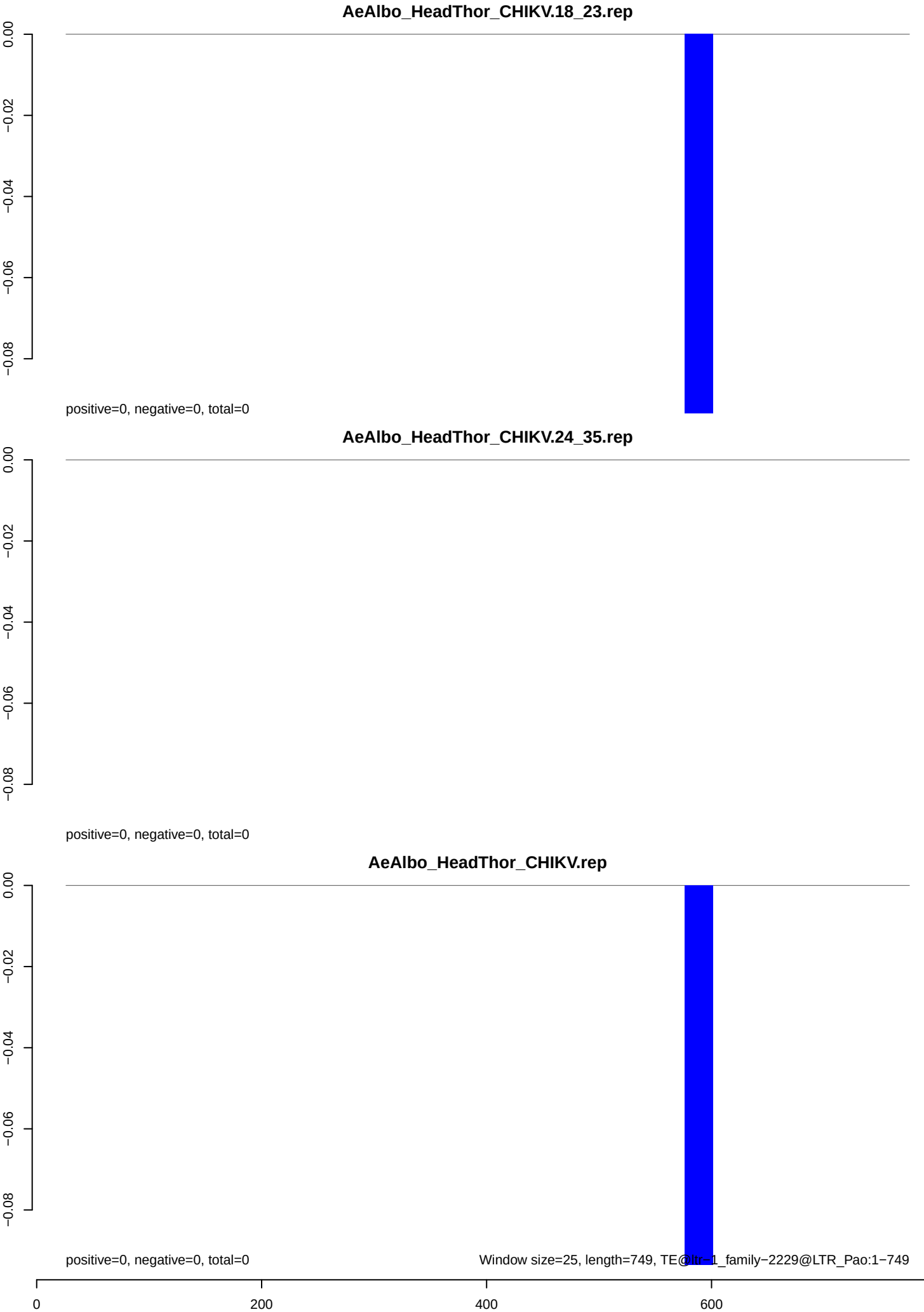

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=643, TE@ltr−1_family−2348@Unknown:1−643
0
100
200
300
400
500
600
700

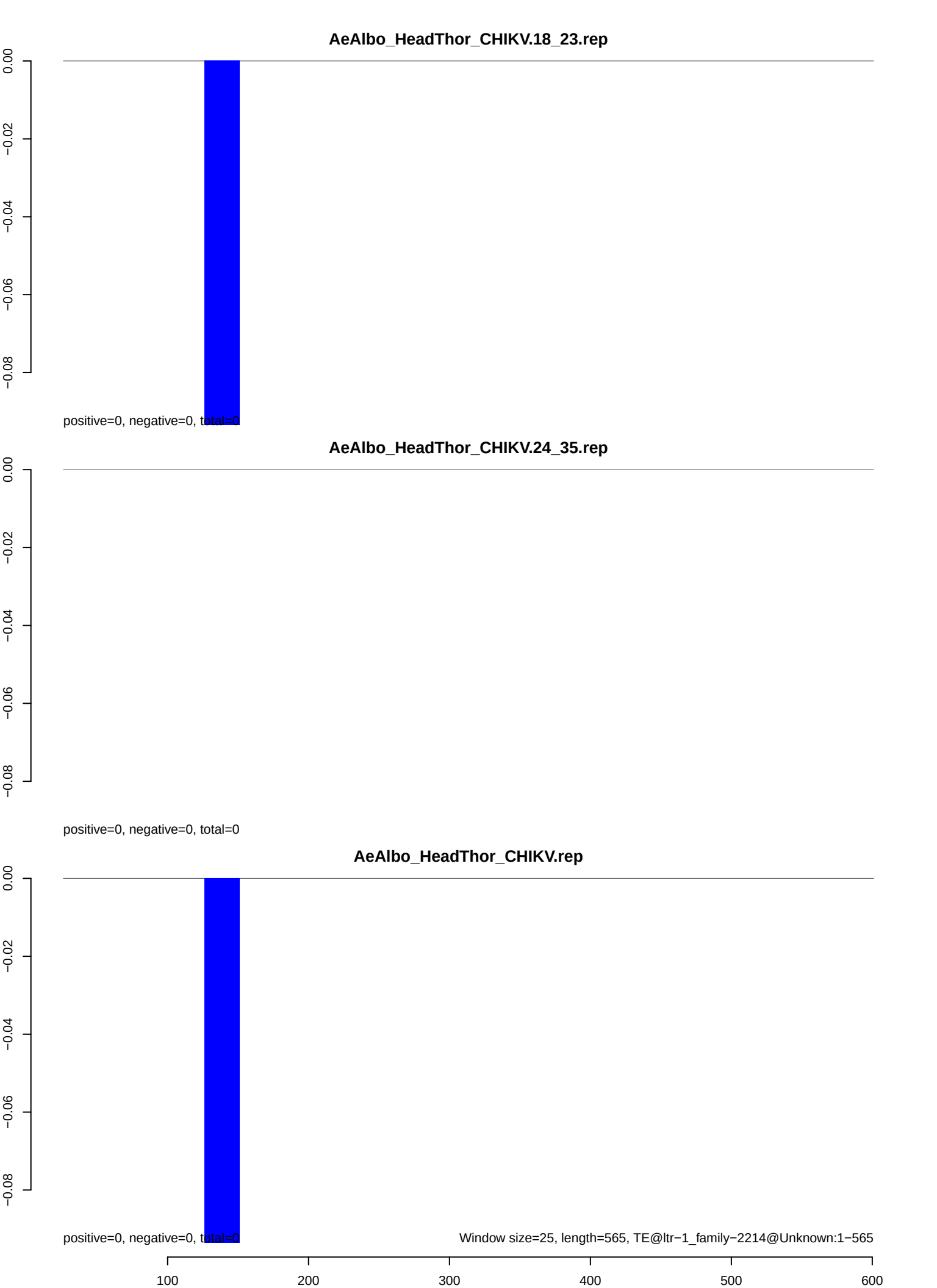

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=688, TE@ltr−1_family−2276@LTR_Pao:1−688
0
100
200
300
400
500
600
700

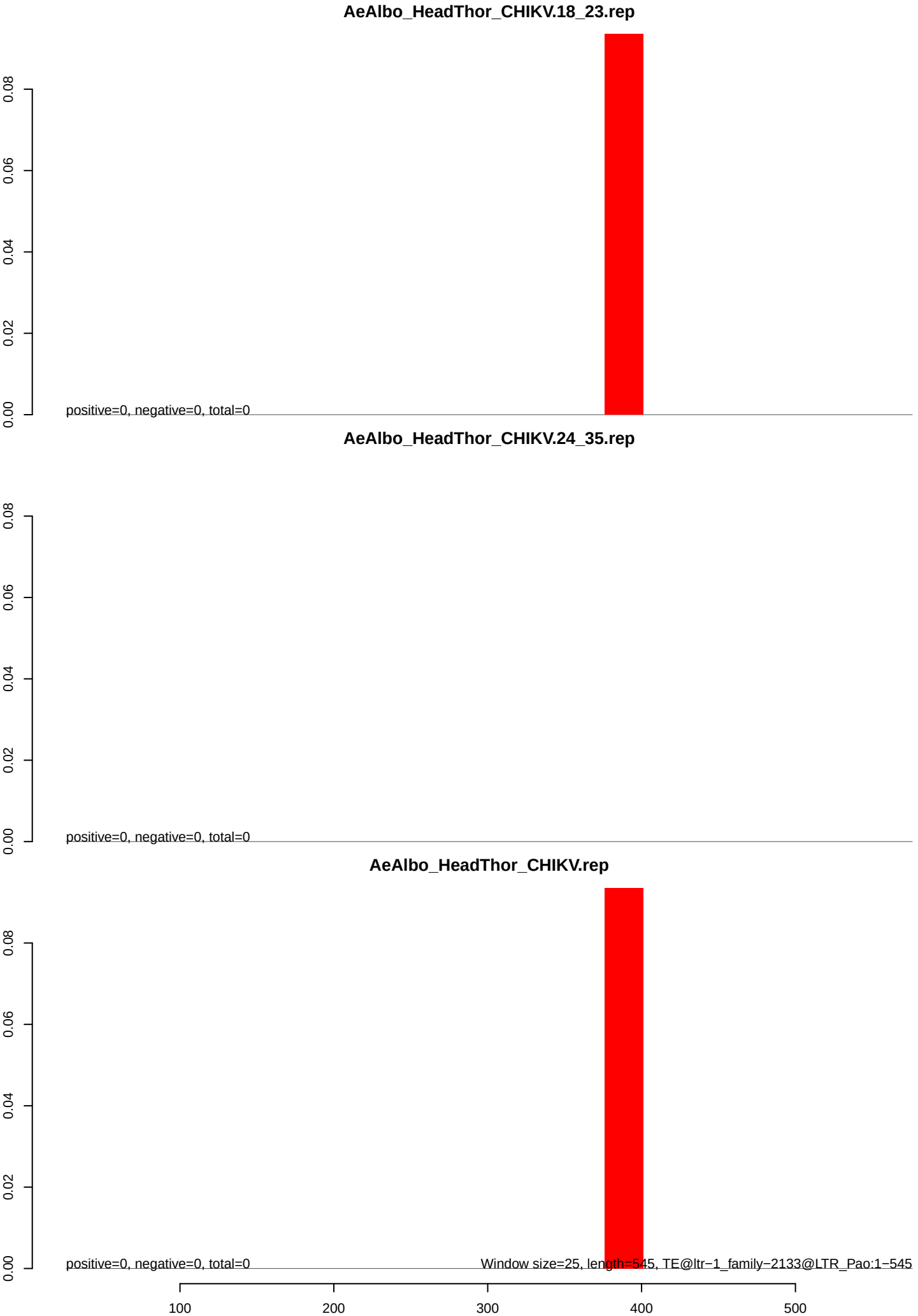

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=659, TE@ltr−1_family−2275@LTR_Pao:1−659
0
100
200
300
400
500
600
700

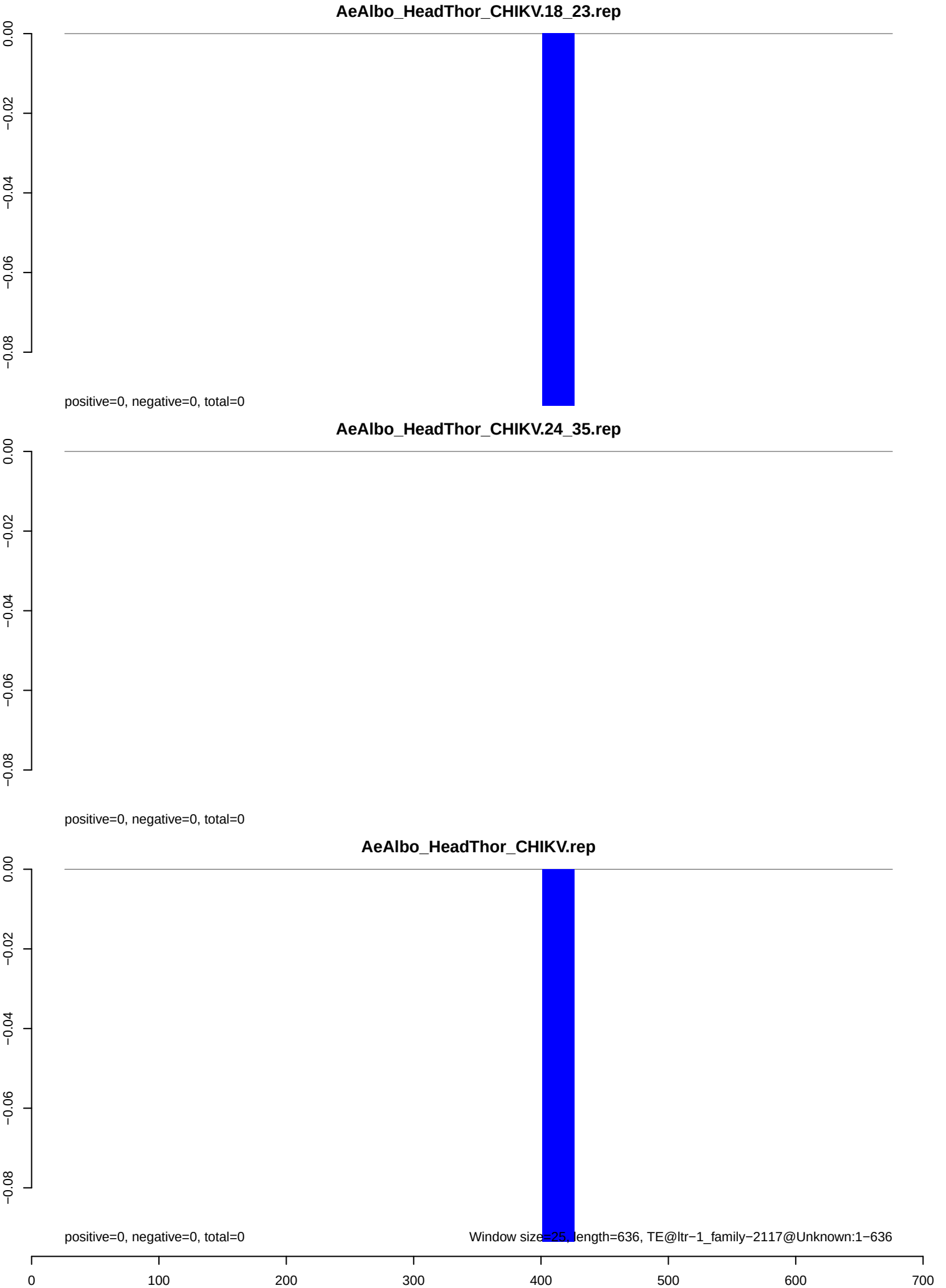

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=914, TE@ltr−1_family−2255@LTR_Gypsy:1−914
0
200
400
600
800

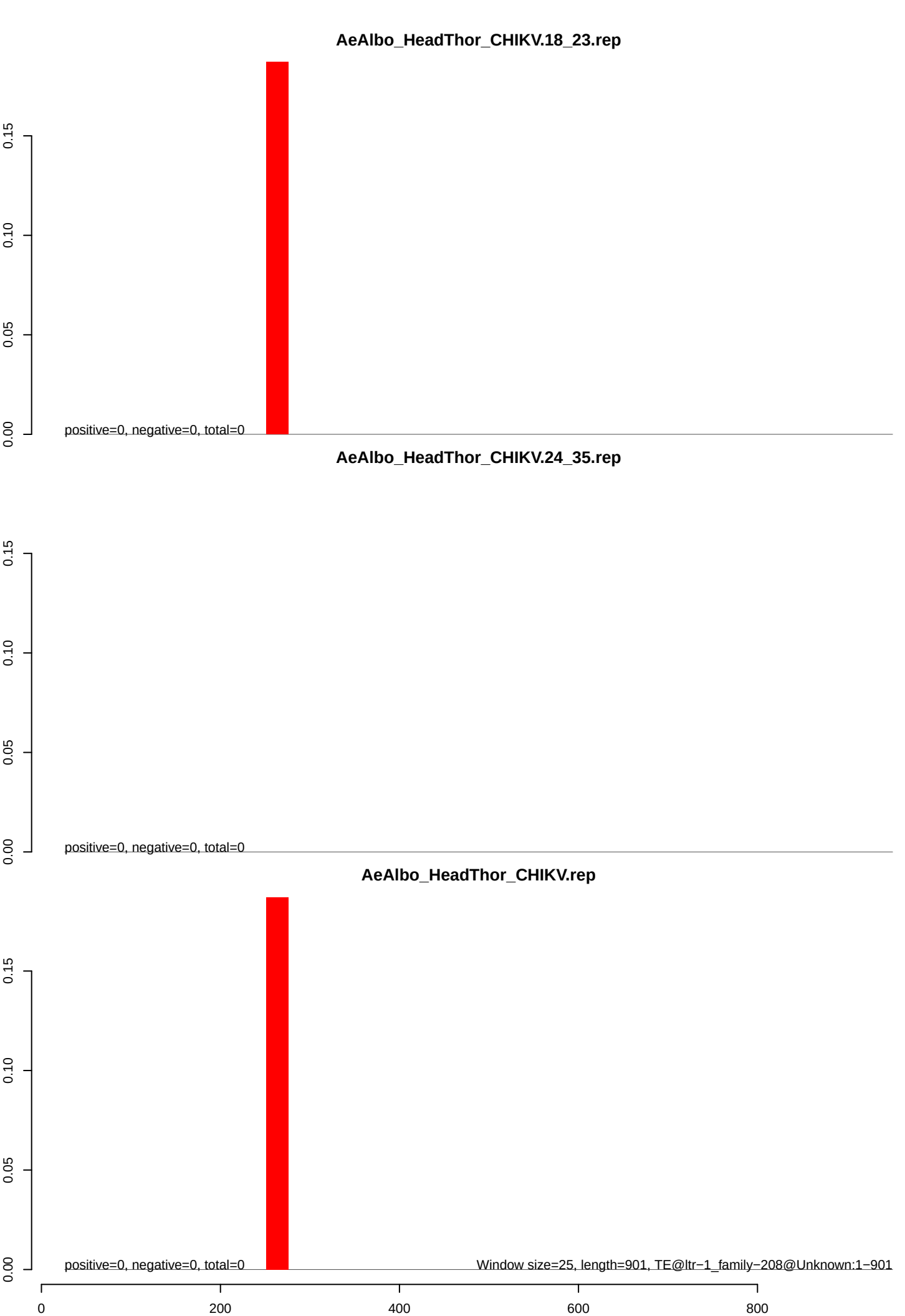

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
Window size=25, length=722, TE@ltr−1_family−224@Unknown:1−722
0
200
400
600

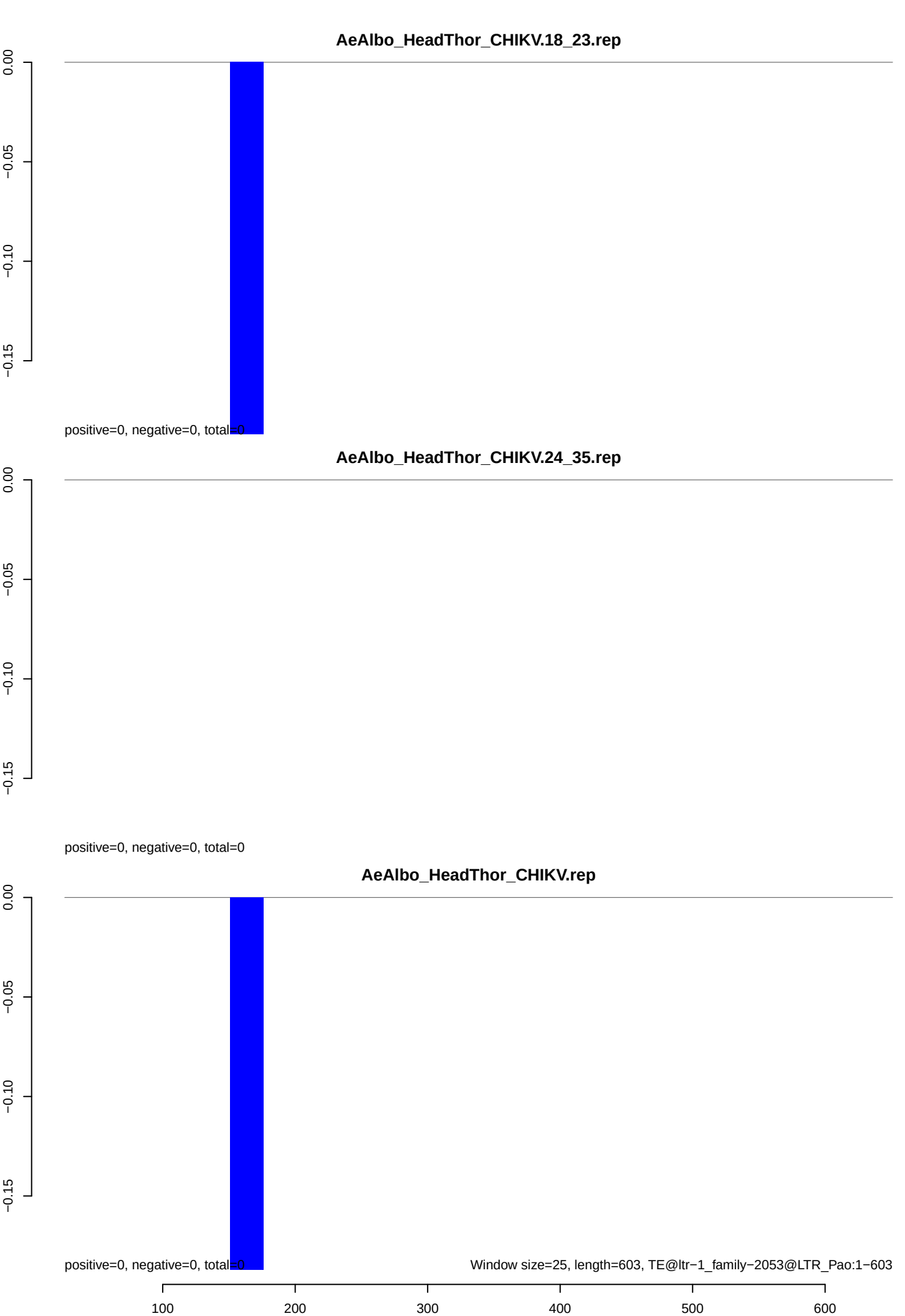

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=749, TE@ltr−1_family−2229@LTR_Pao:1−749
0
200
400
600
800

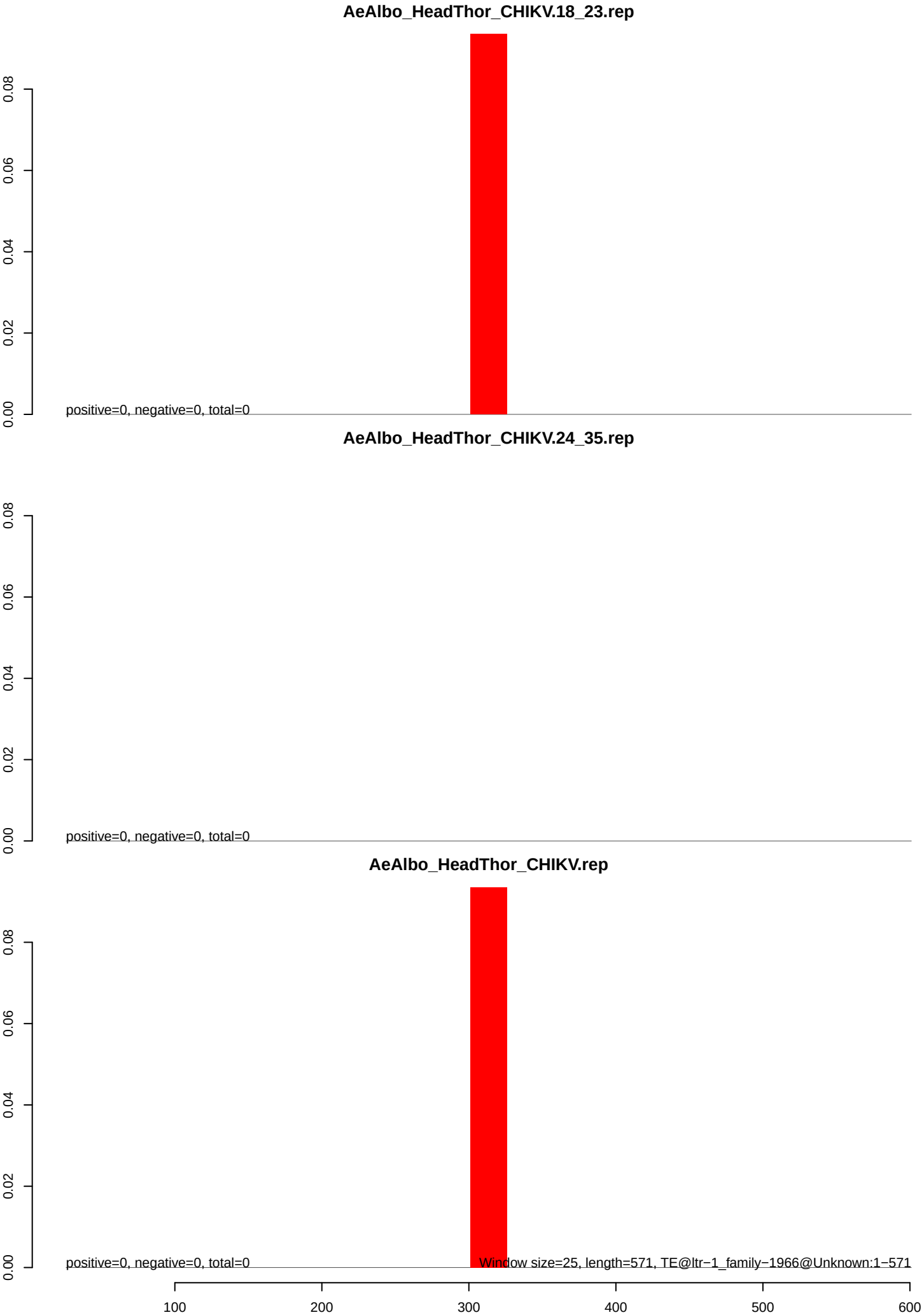

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=565, TE@ltr−1_family−2214@Unknown:1−565
100
200
300
400
500
600

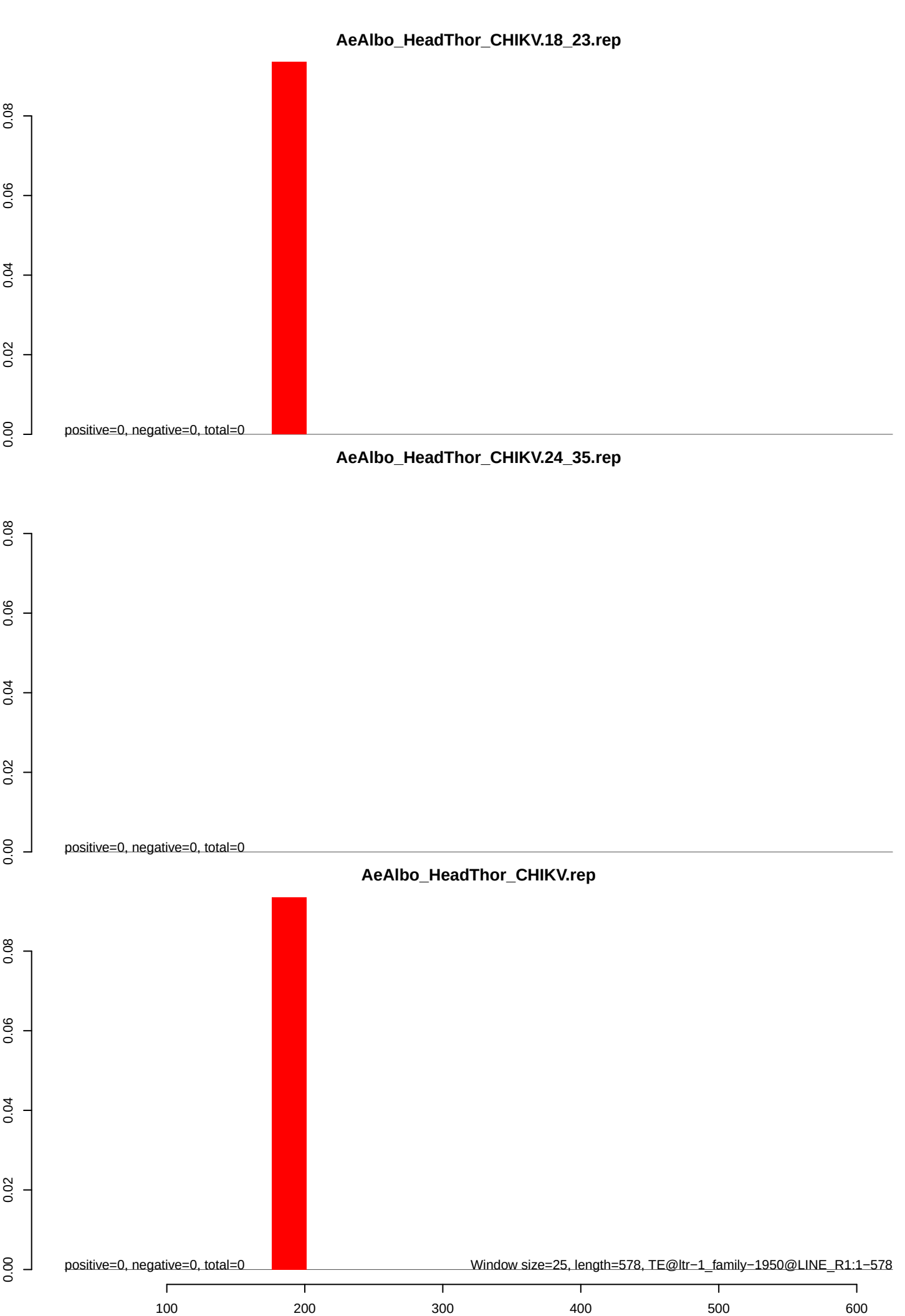

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=545, TE@ltr−1_family−2133@LTR_Pao:1−545
100
200
300
400
500

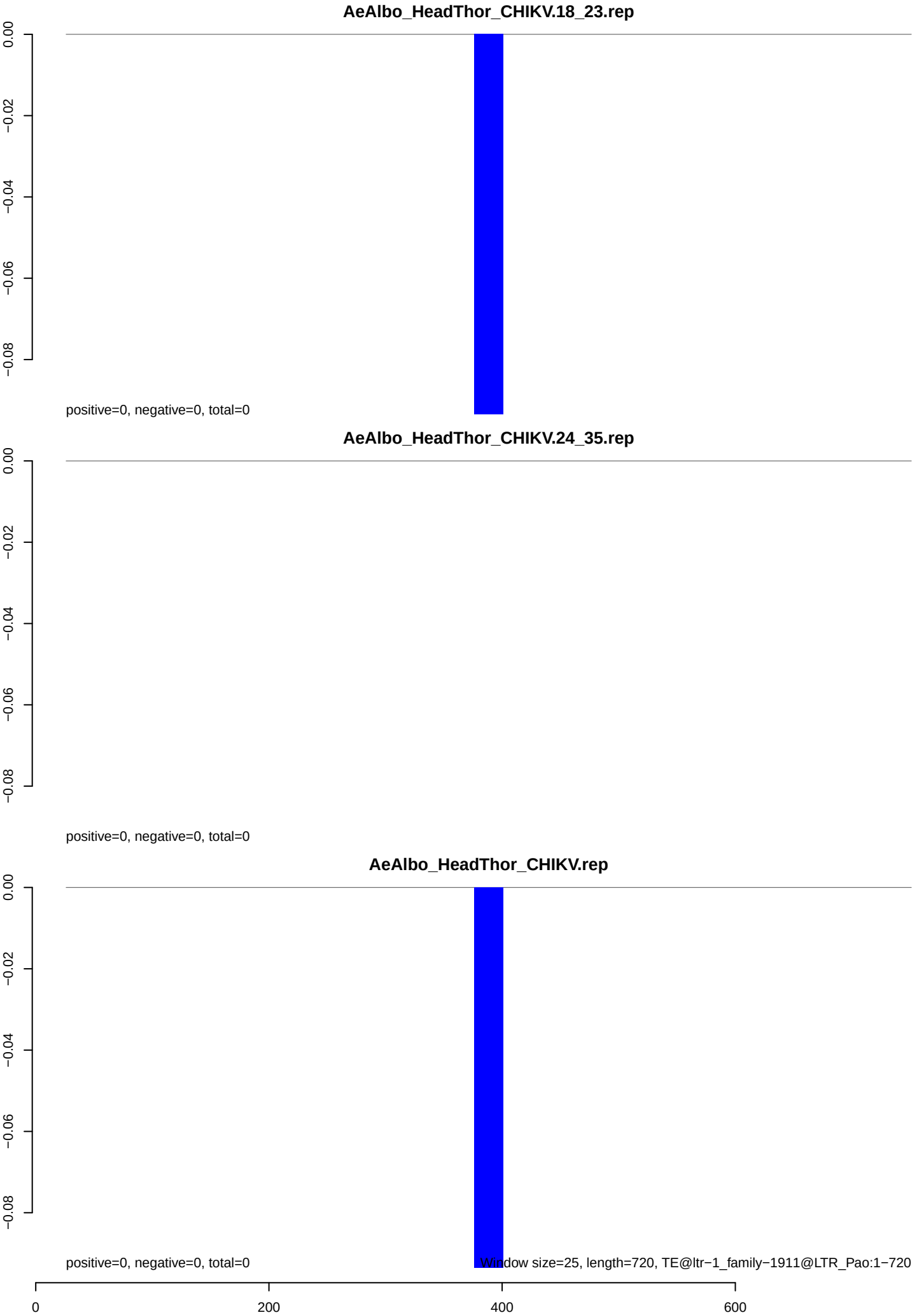

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=636, TE@ltr−1_family−2117@Unknown:1−636
0
100
200
300
400
500
600
700

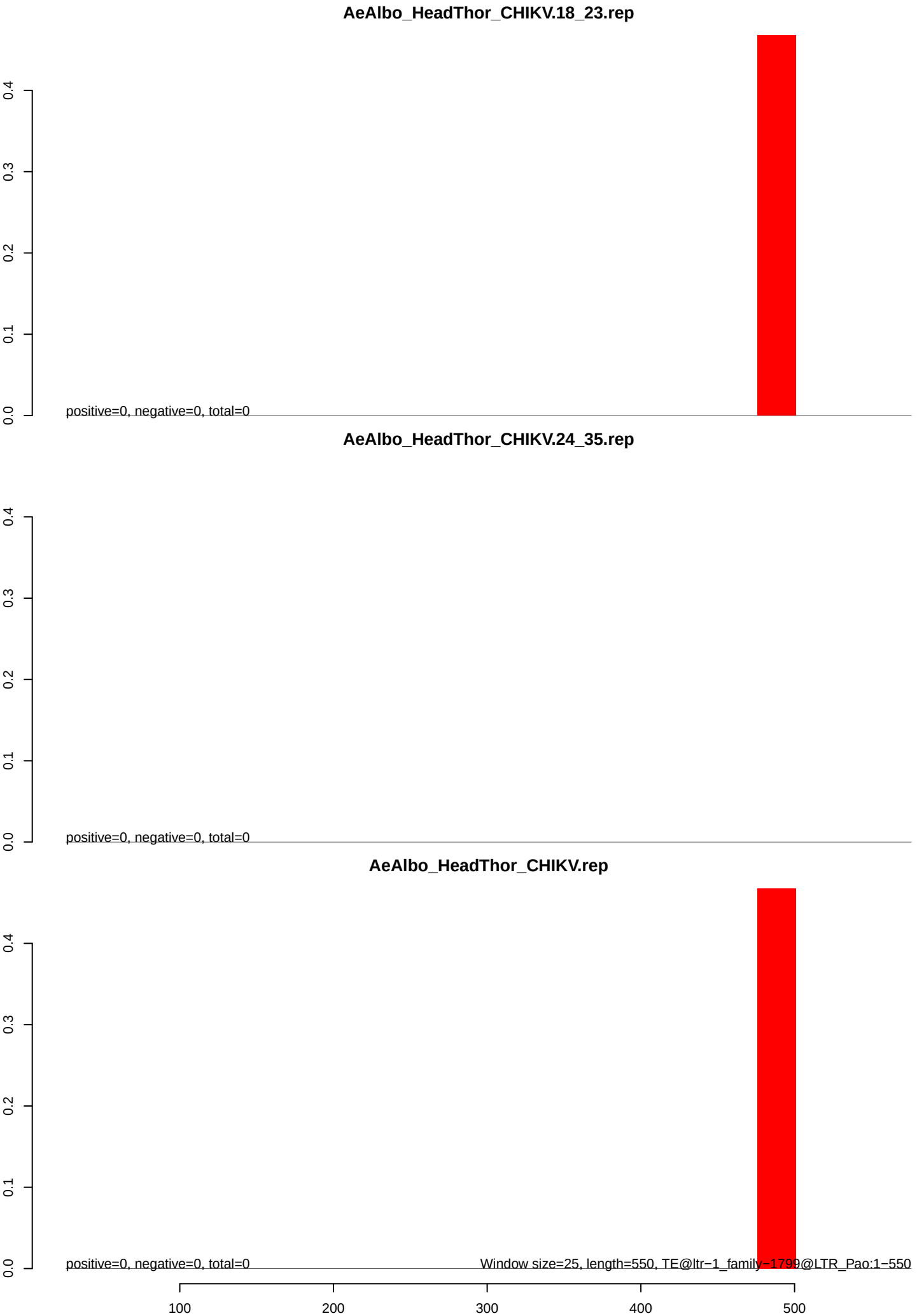

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=901, TE@ltr−1_family−208@Unknown:1−901
0
200
400
600
800

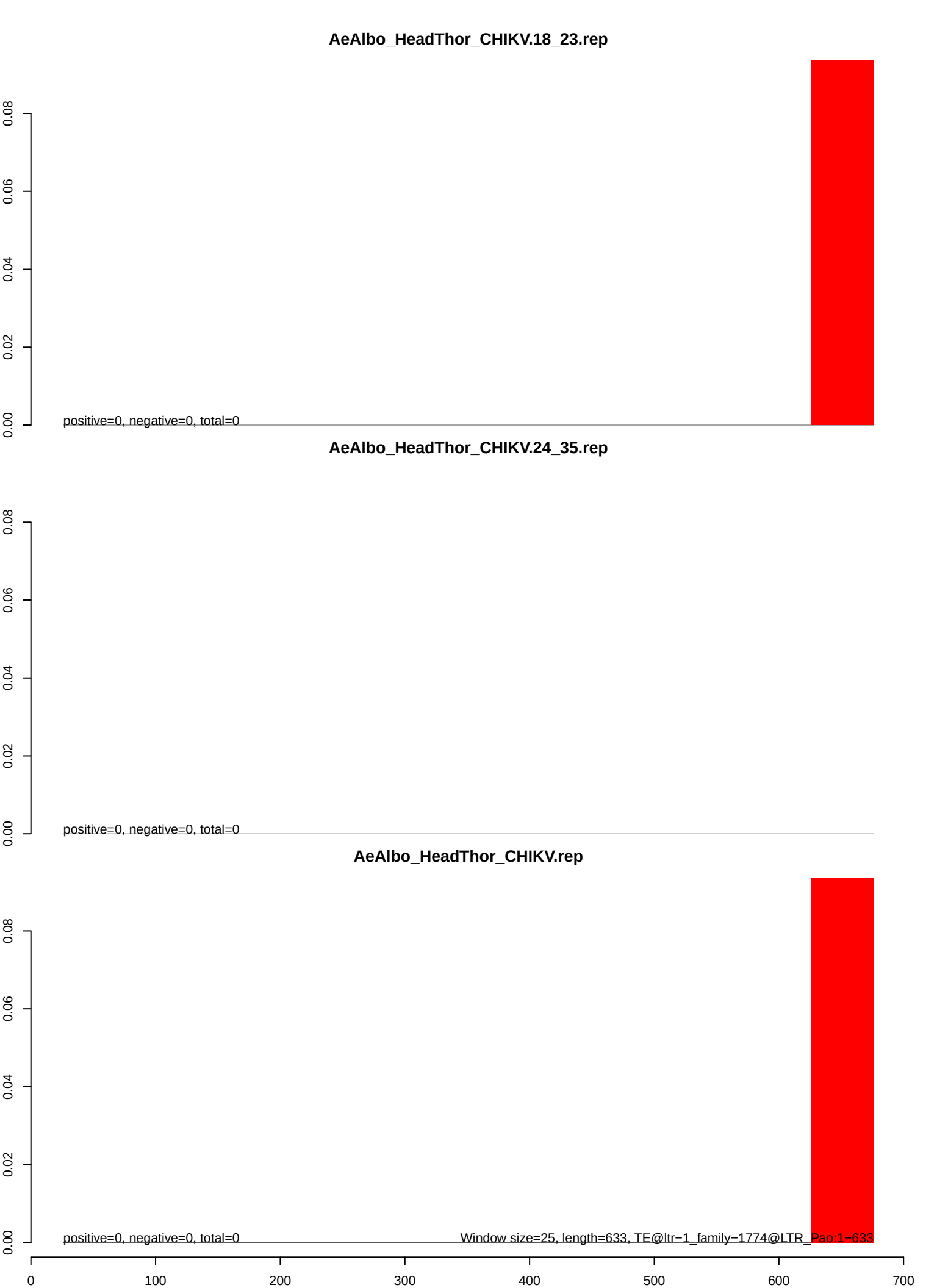

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=603, TE@ltr−1_family−2053@LTR_Pao:1−603
100
200
300
400
500
600

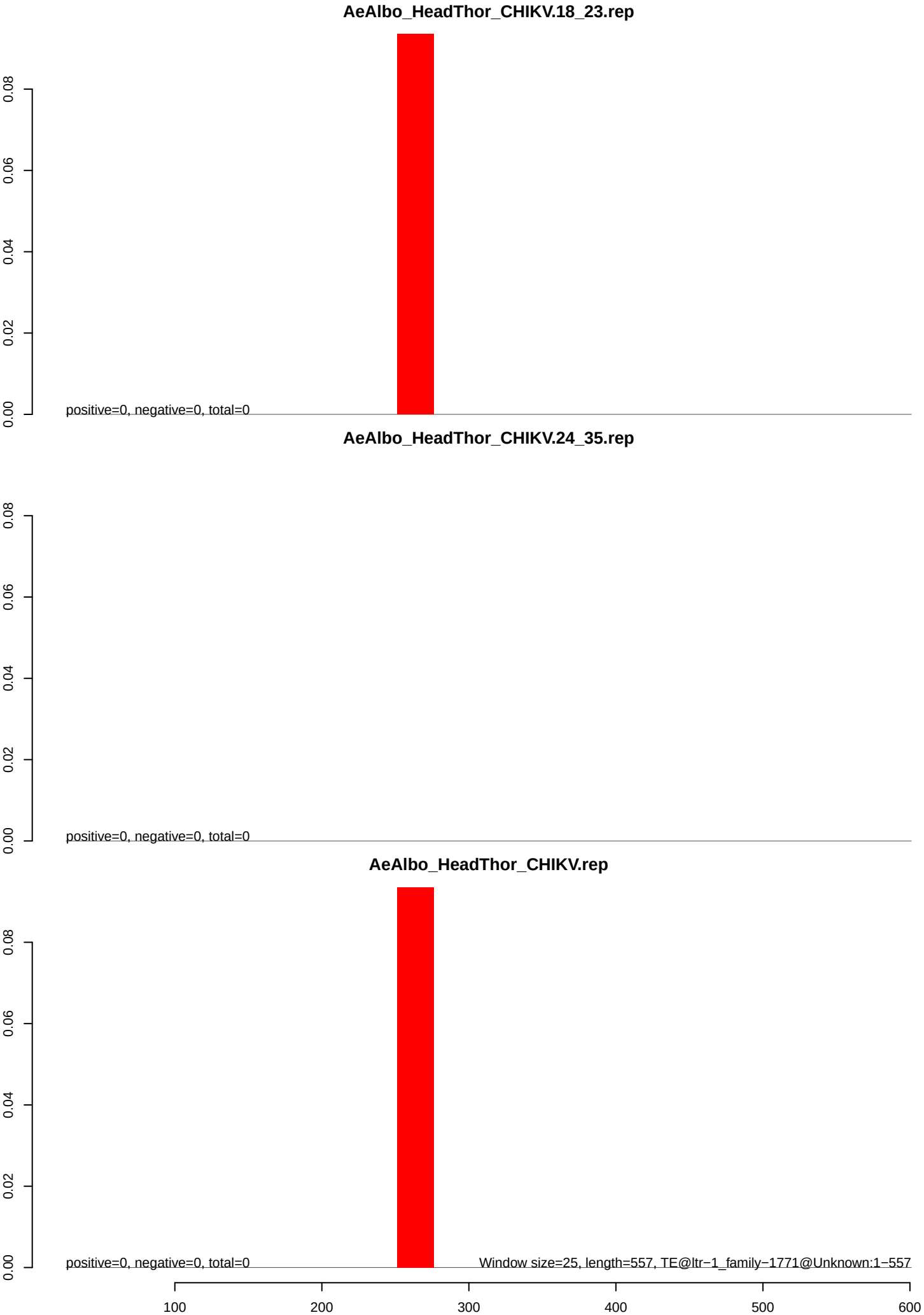

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=571, TE@ltr−1_family−1966@Unknown:1−571
100
200
300
400
500
600

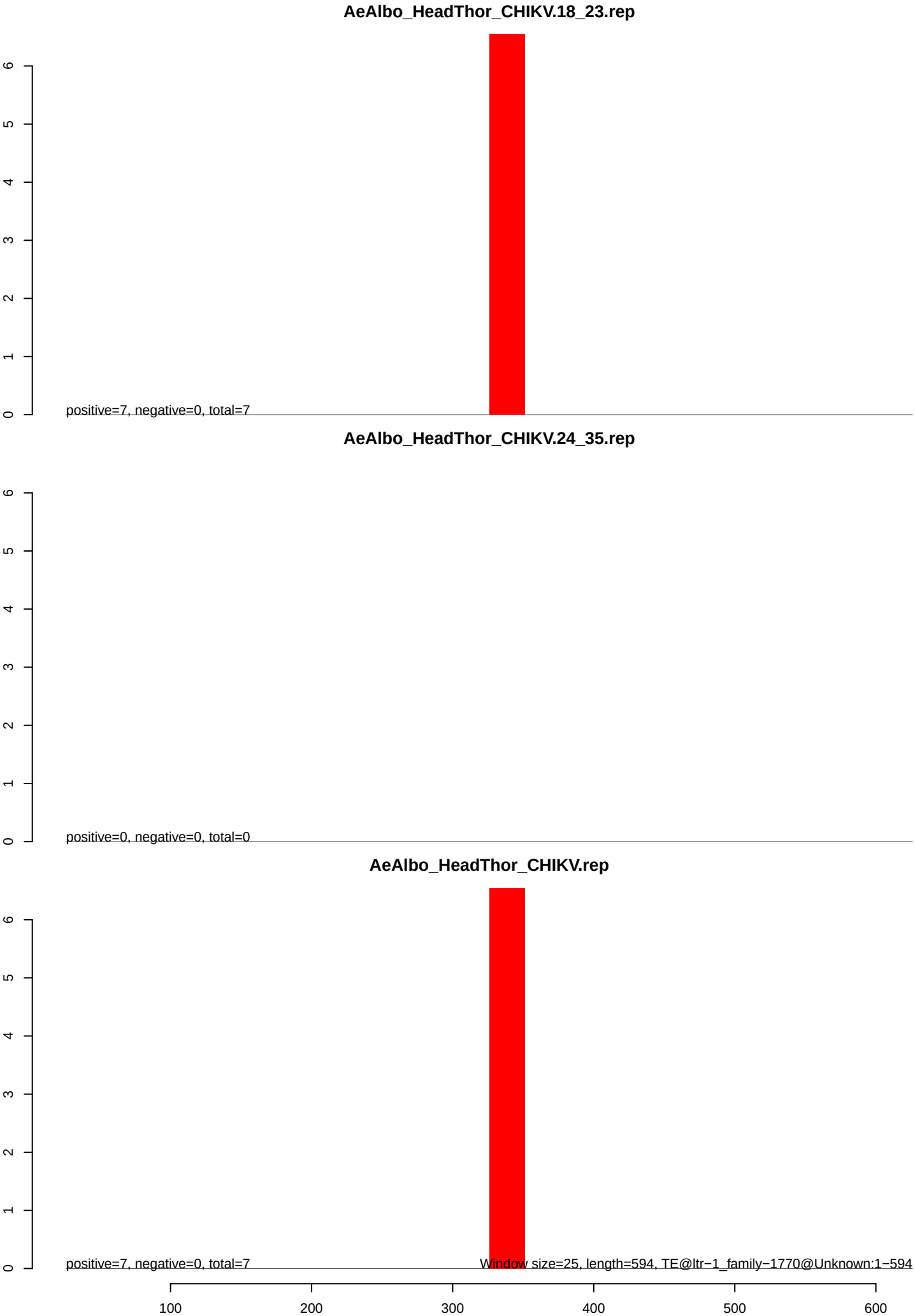

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=578, TE@ltr−1_family−1950@LINE_R1:1−578
100
200
300
400
500
600

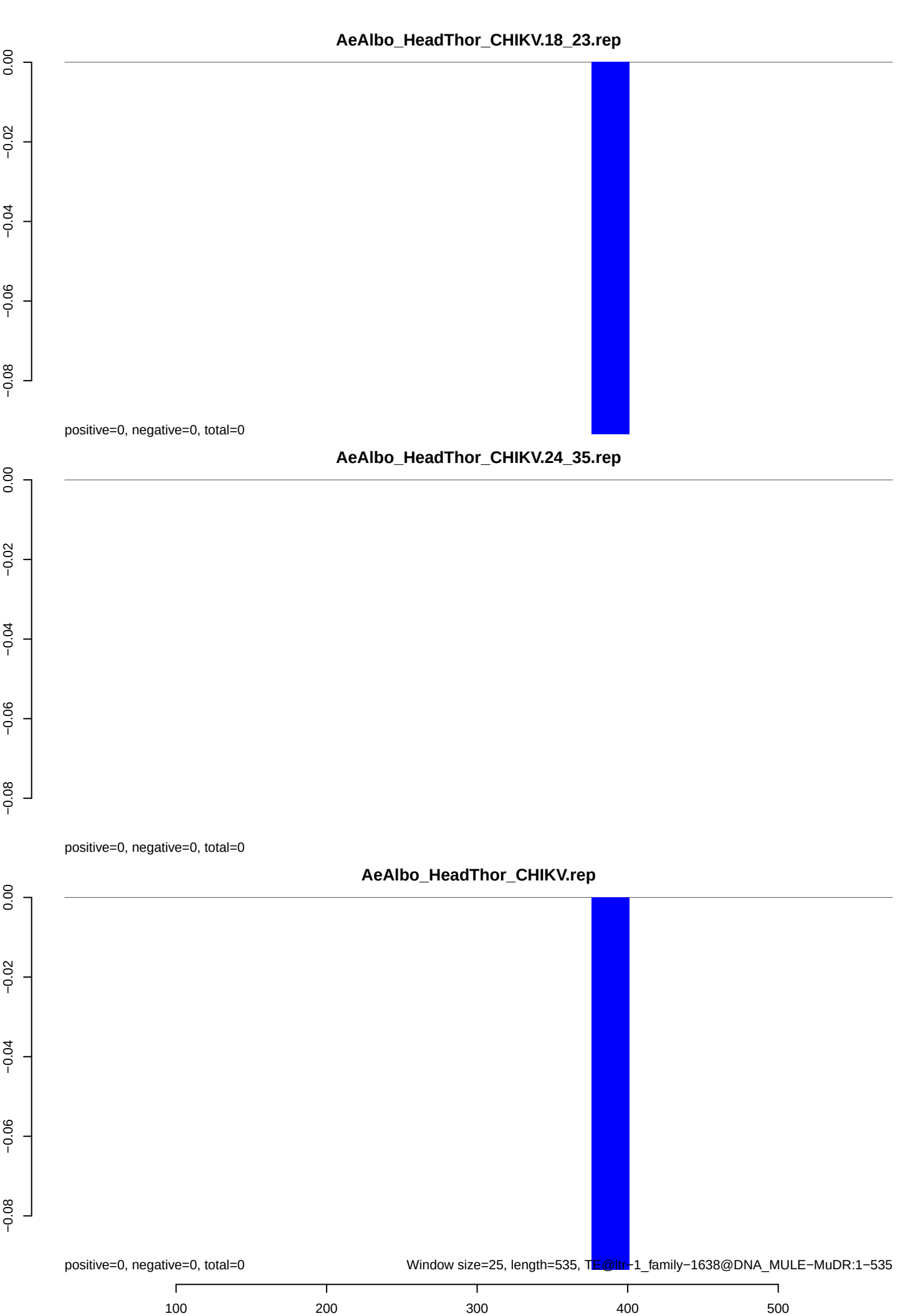

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=720, TE@ltr−1_family−1911@LTR_Pao:1−720
0
200
400
600

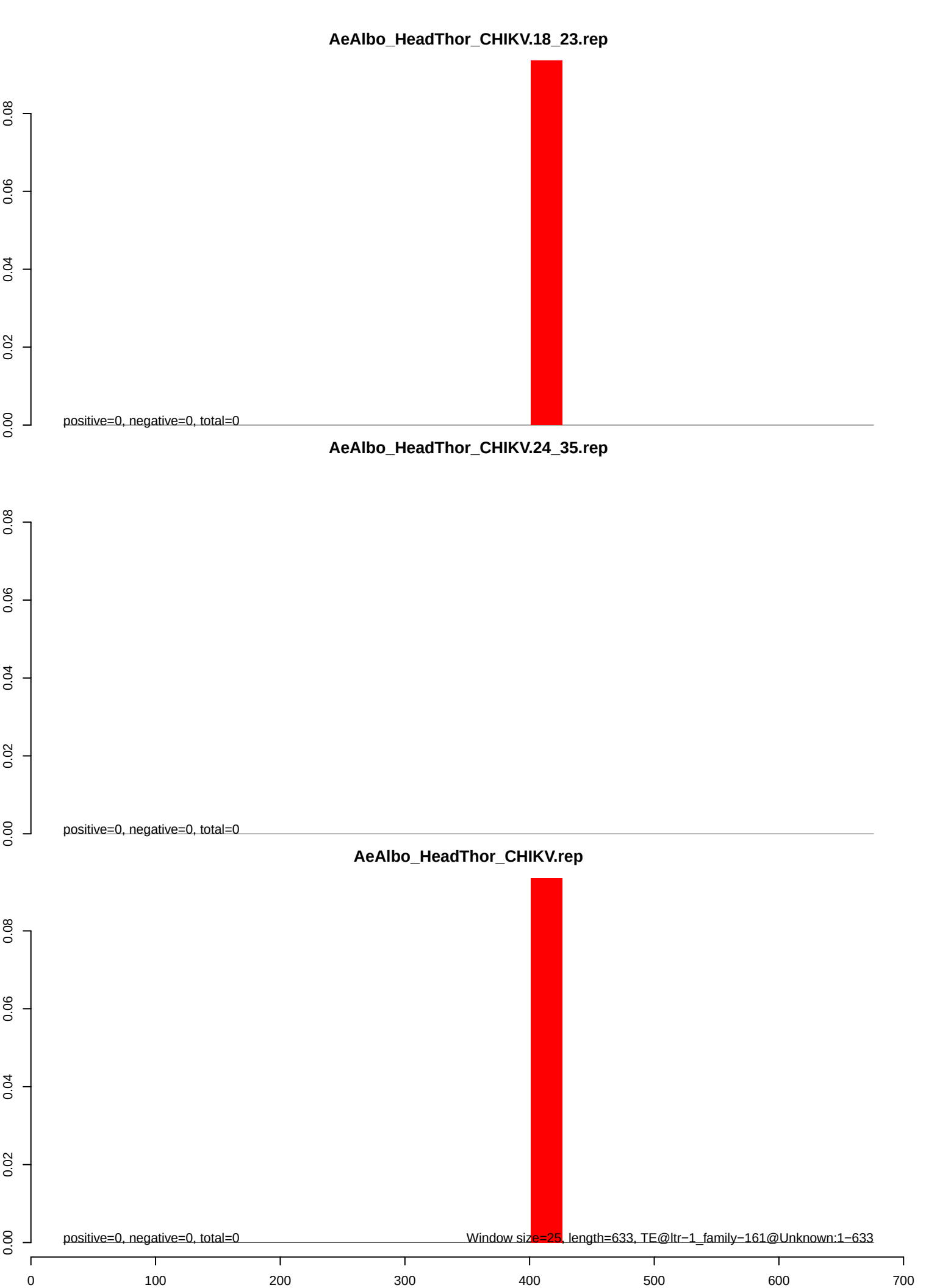

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
0.4
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
0.4
positive=0, negative=0, total=0
Window size=25, length=550, TE@ltr−1_family−1799@LTR_Pao:1−550
100
200
300
400
500

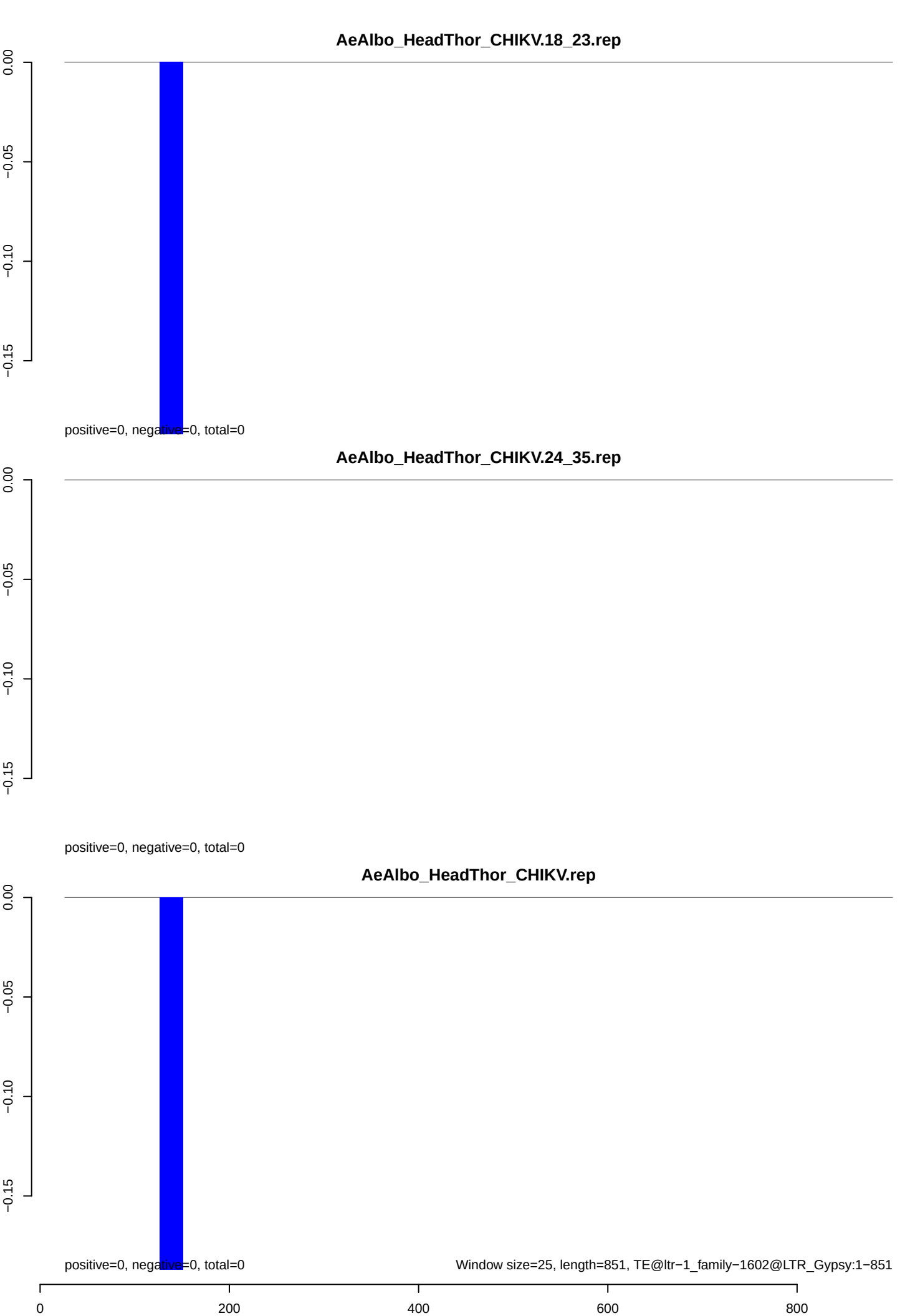

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=633, TE@ltr−1_family−1774@LTR_Pao:1−633
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=557, TE@ltr−1_family−1771@Unknown:1−557
100
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
0
1
2
3
4
5
6
positive=7, negative=0, total=7
AeAlbo_HeadThor_CHIKV.24_35.rep
0
1
2
3
4
5
6
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0
1
2
3
4
5
6
positive=7, negative=0, total=7
Window size=25, length=594, TE@ltr−1_family−1770@Unknown:1−594
100
200
300
400
500
600

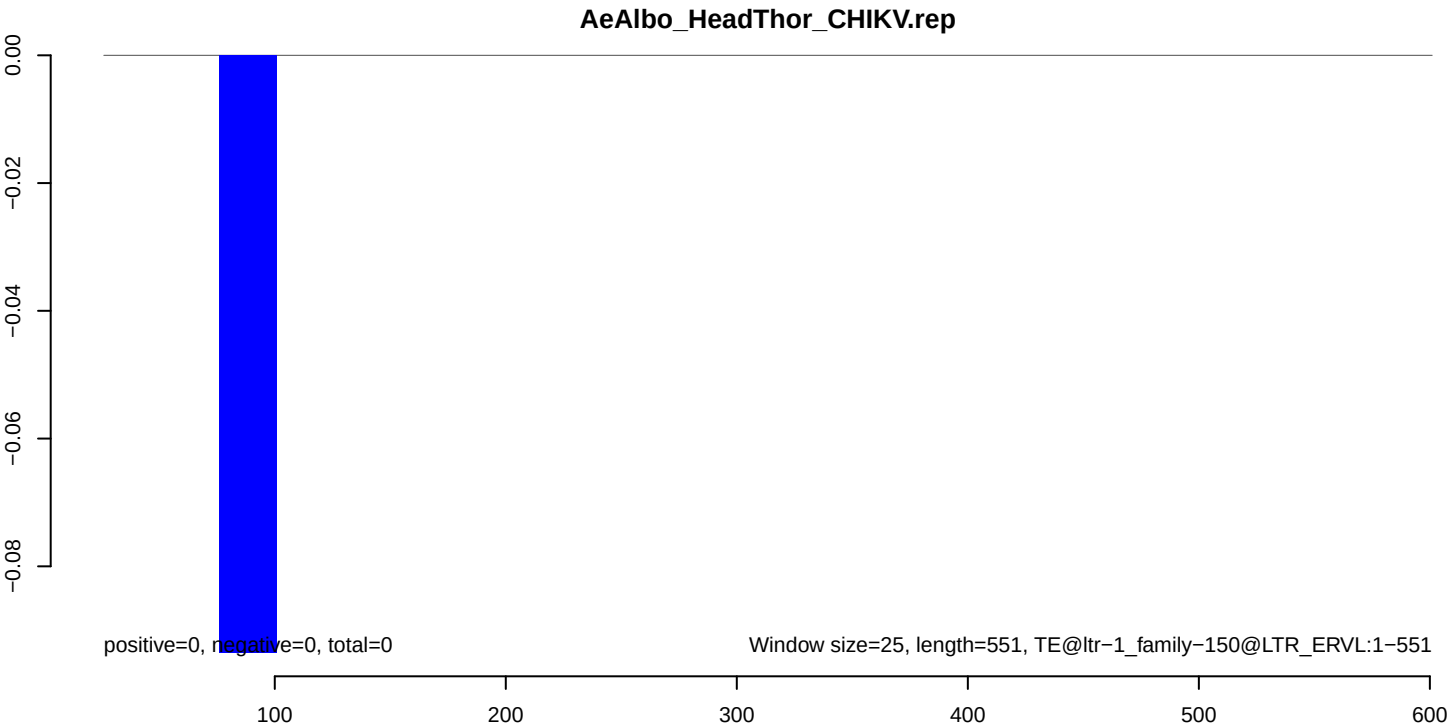

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=535, TE@ltr−1_family−1638@DNA_MULE−MuDR:1−535
100
200
300
400
500

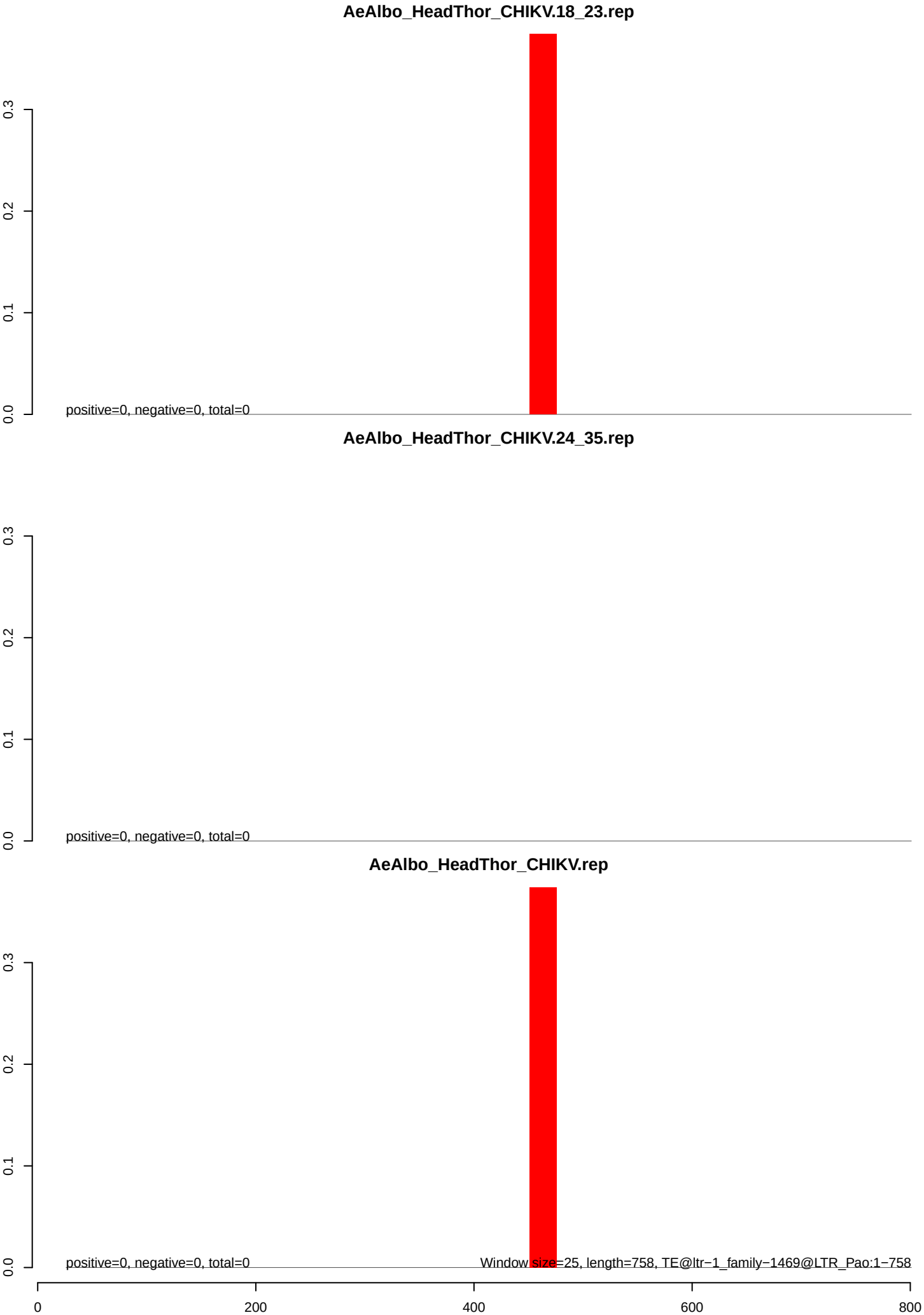

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=633, TE@ltr−1_family−161@Unknown:1−633
0
100
200
300
400
500
600
700

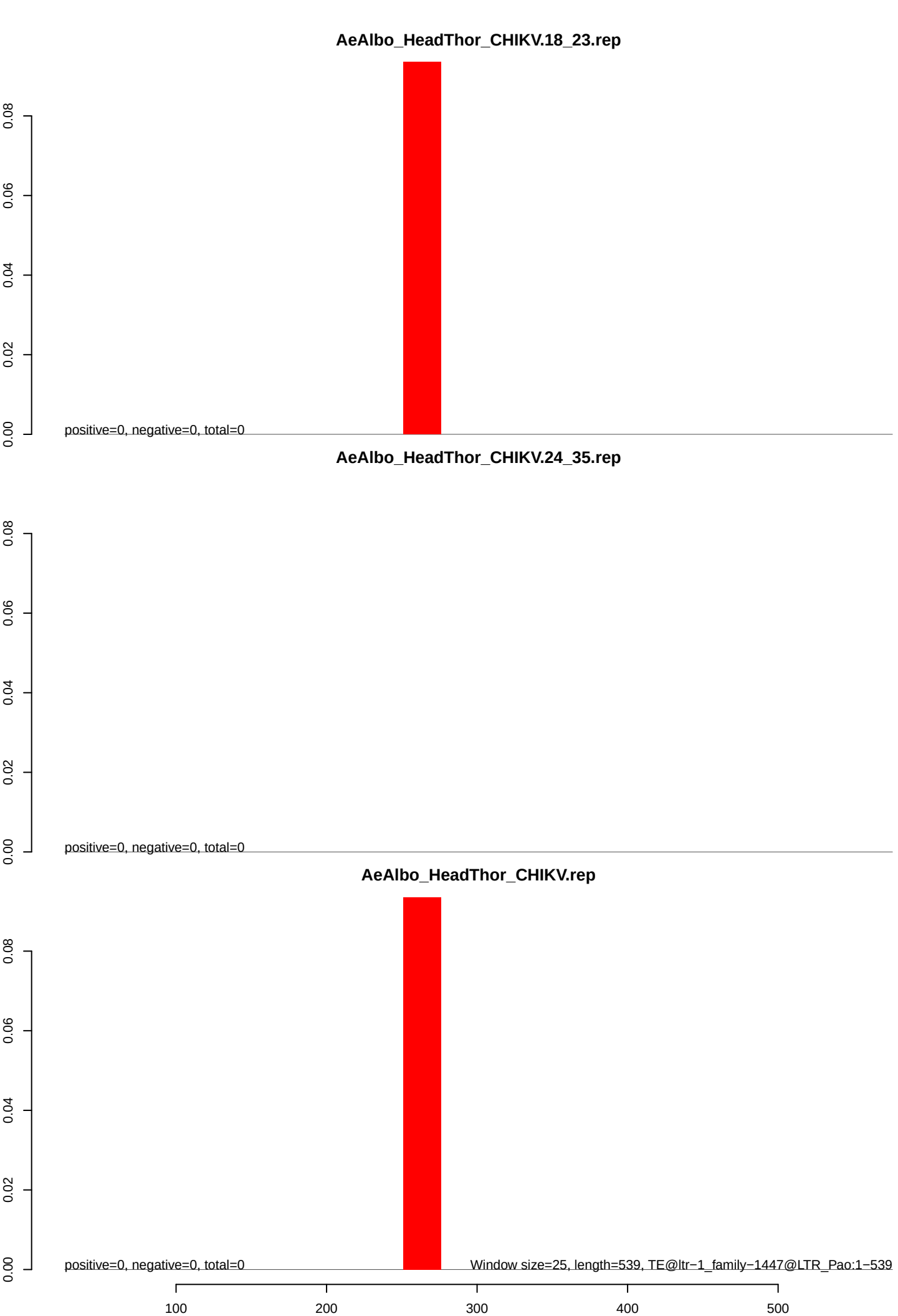

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=851, TE@ltr−1_family−1602@LTR_Gypsy:1−851
0
200
400
600
800

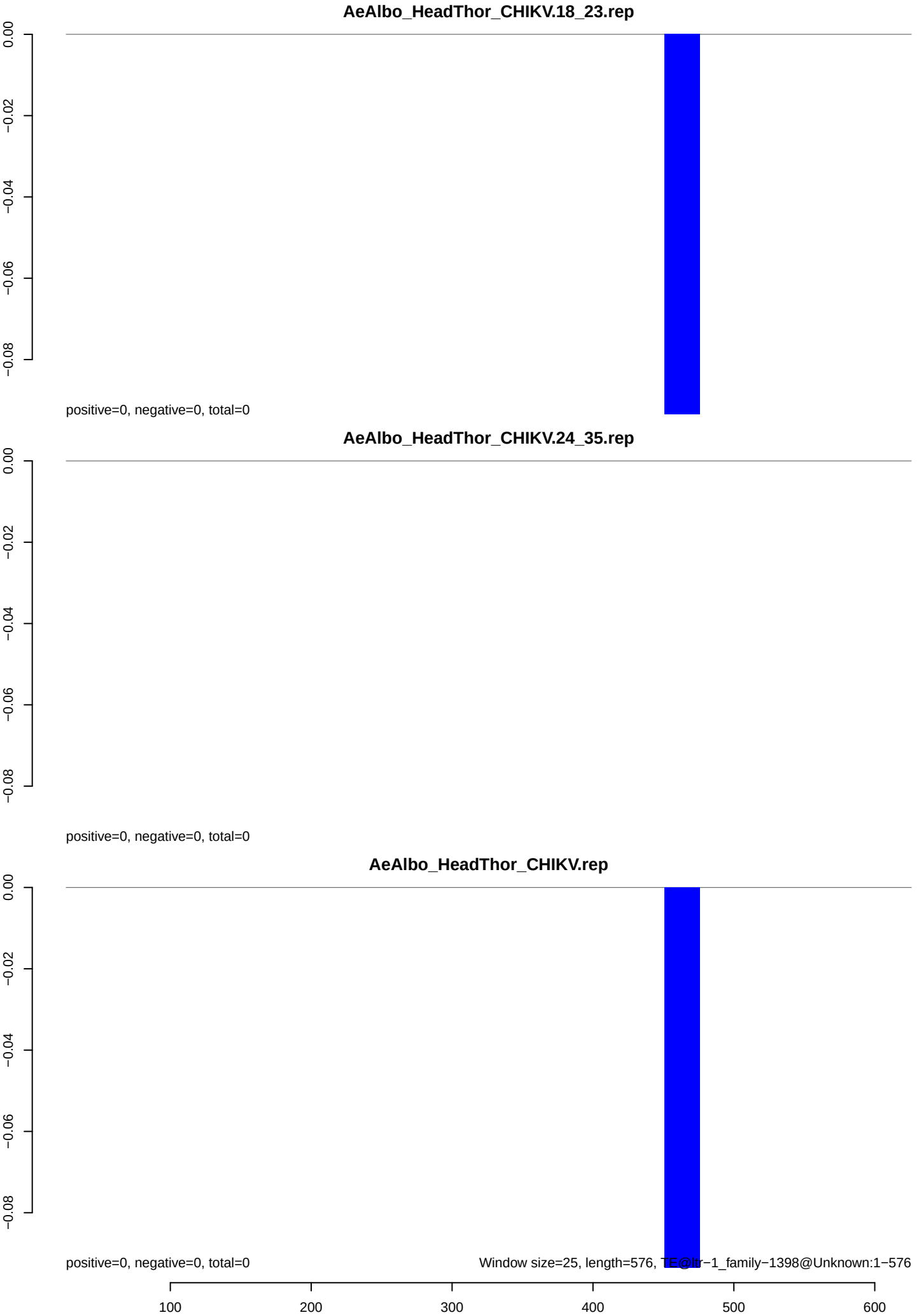
AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0

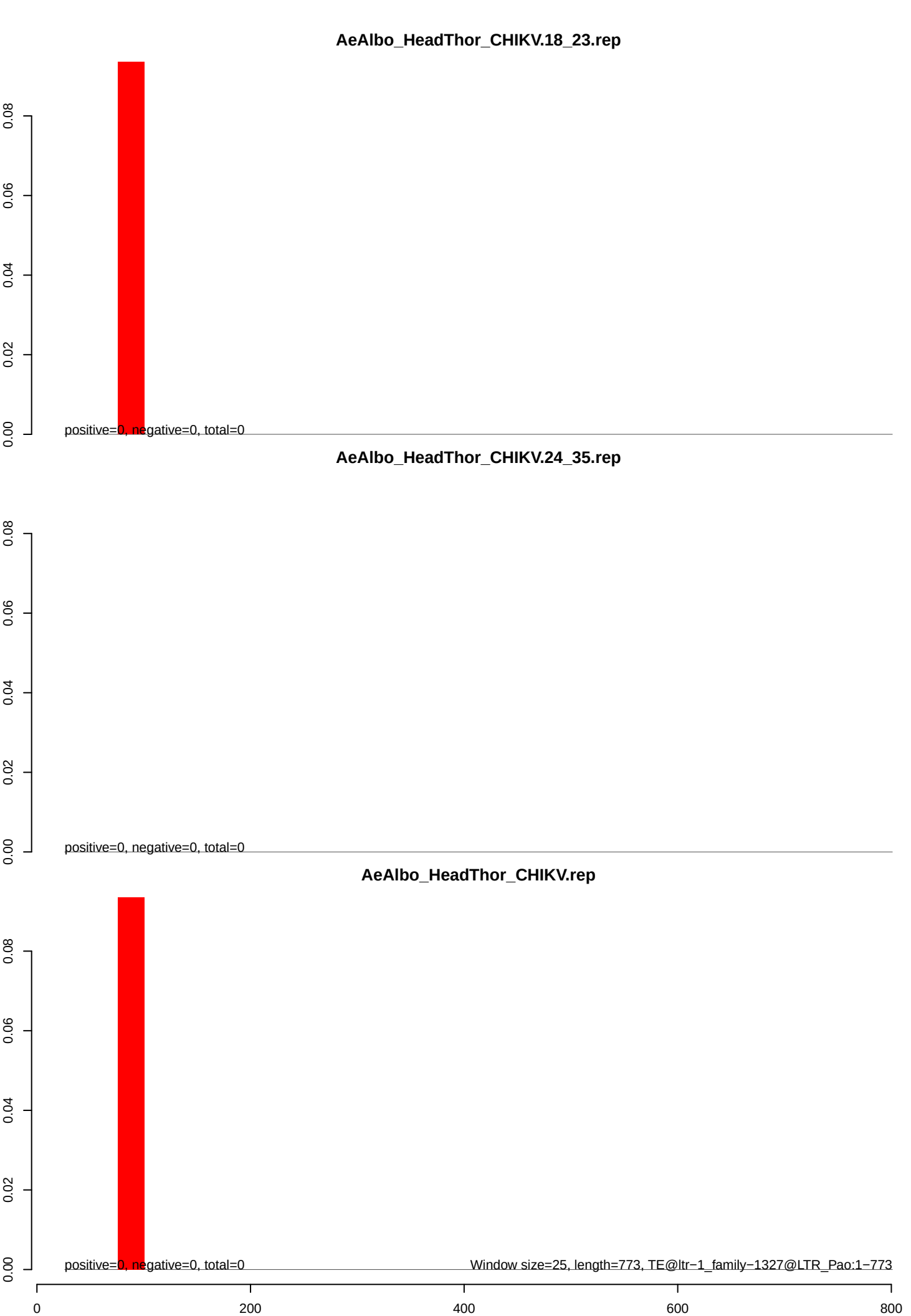
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0

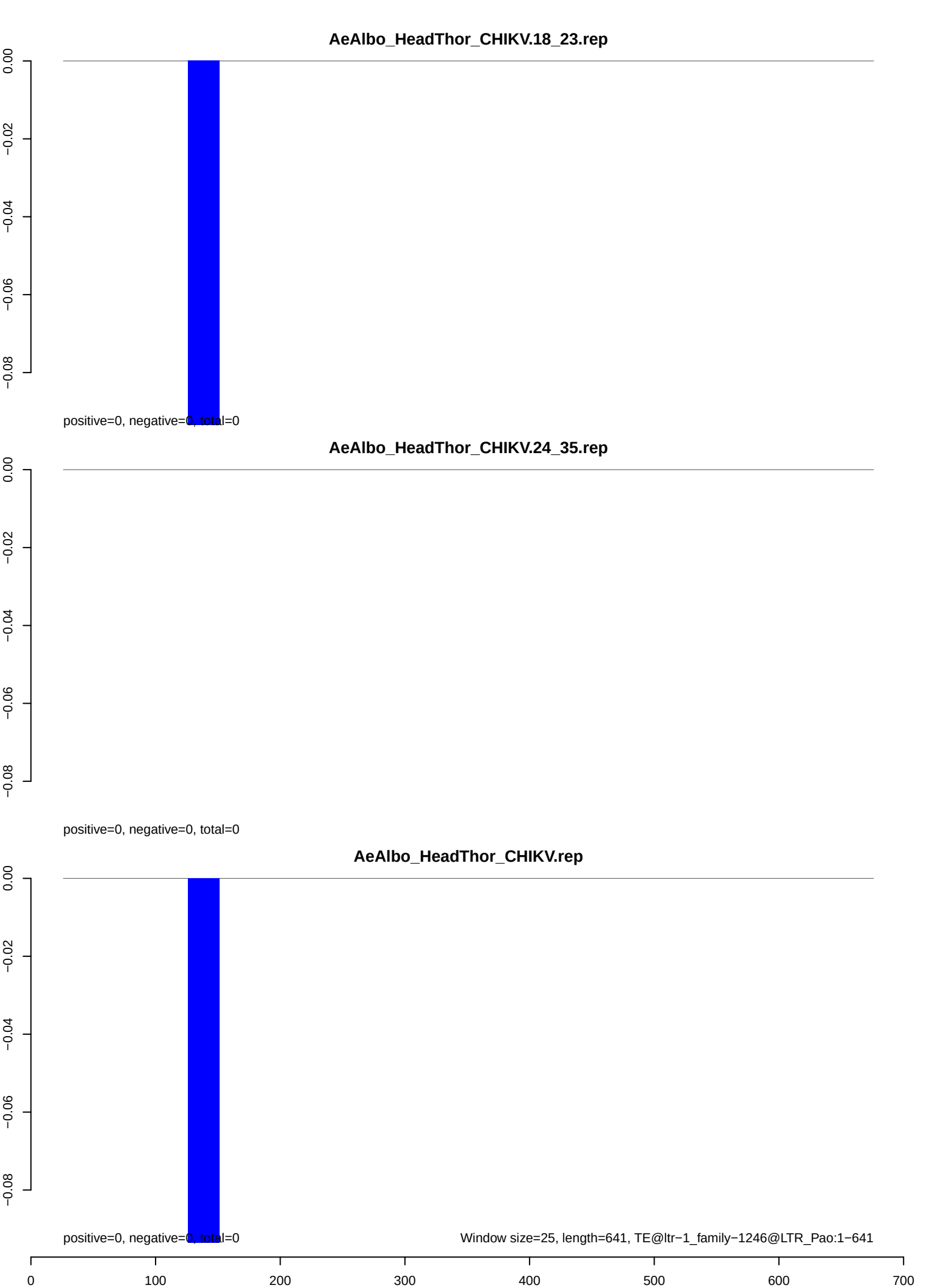

AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=551, TE@ltr−1_family−150@LTR_ERVL:1−551
100
200
300
400
500
600

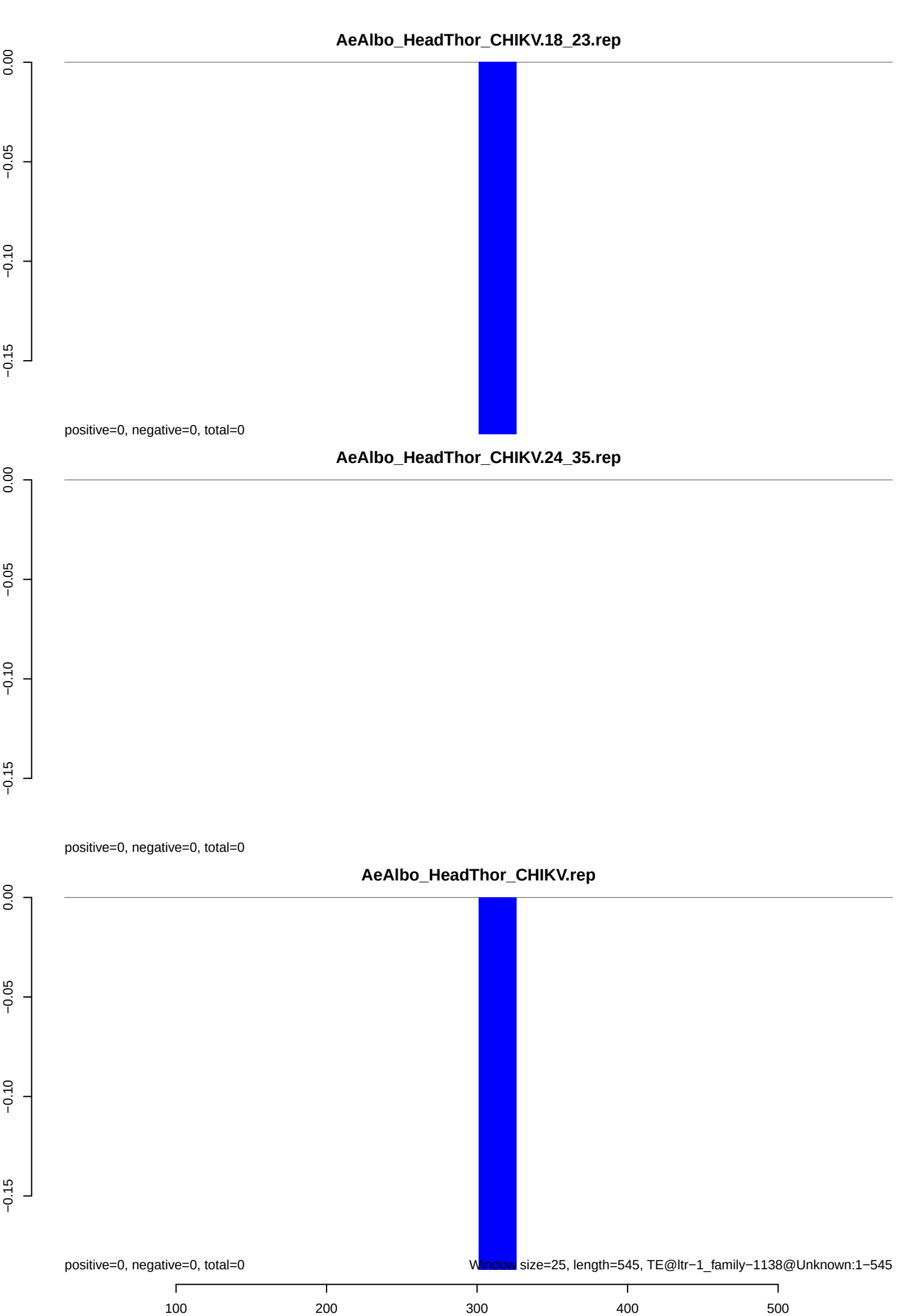

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
0.1
0.2
0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.0
0.1
0.2
0.3
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.0
0.1
0.2
0.3
positive=0, negative=0, total=0
Window size=25, length=758, TE@ltr−1_family−1469@LTR_Pao:1−758
0
200
400
600
800

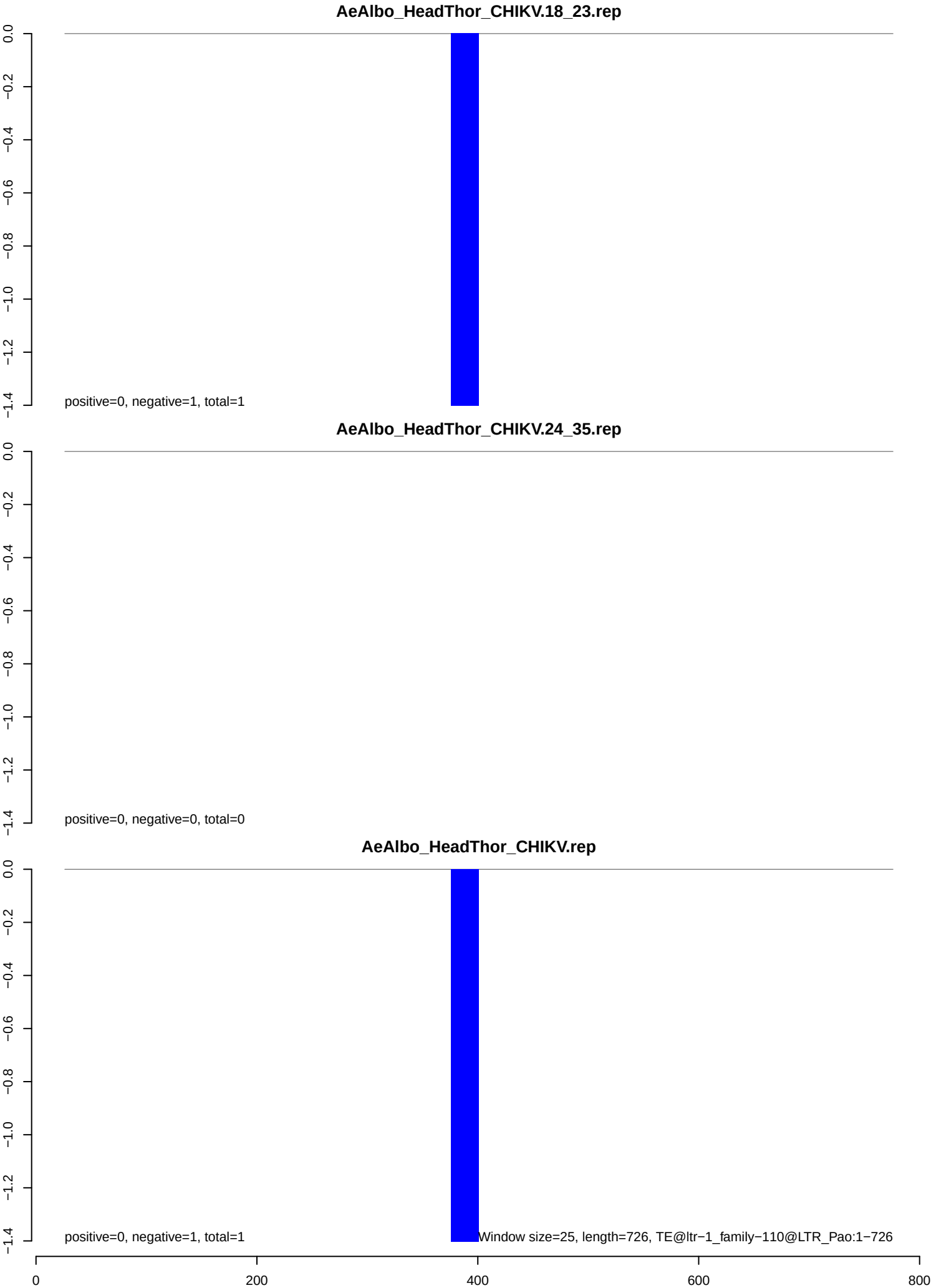

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=539, TE@ltr−1_family−1447@LTR_Pao:1−539
100
200
300
400
500

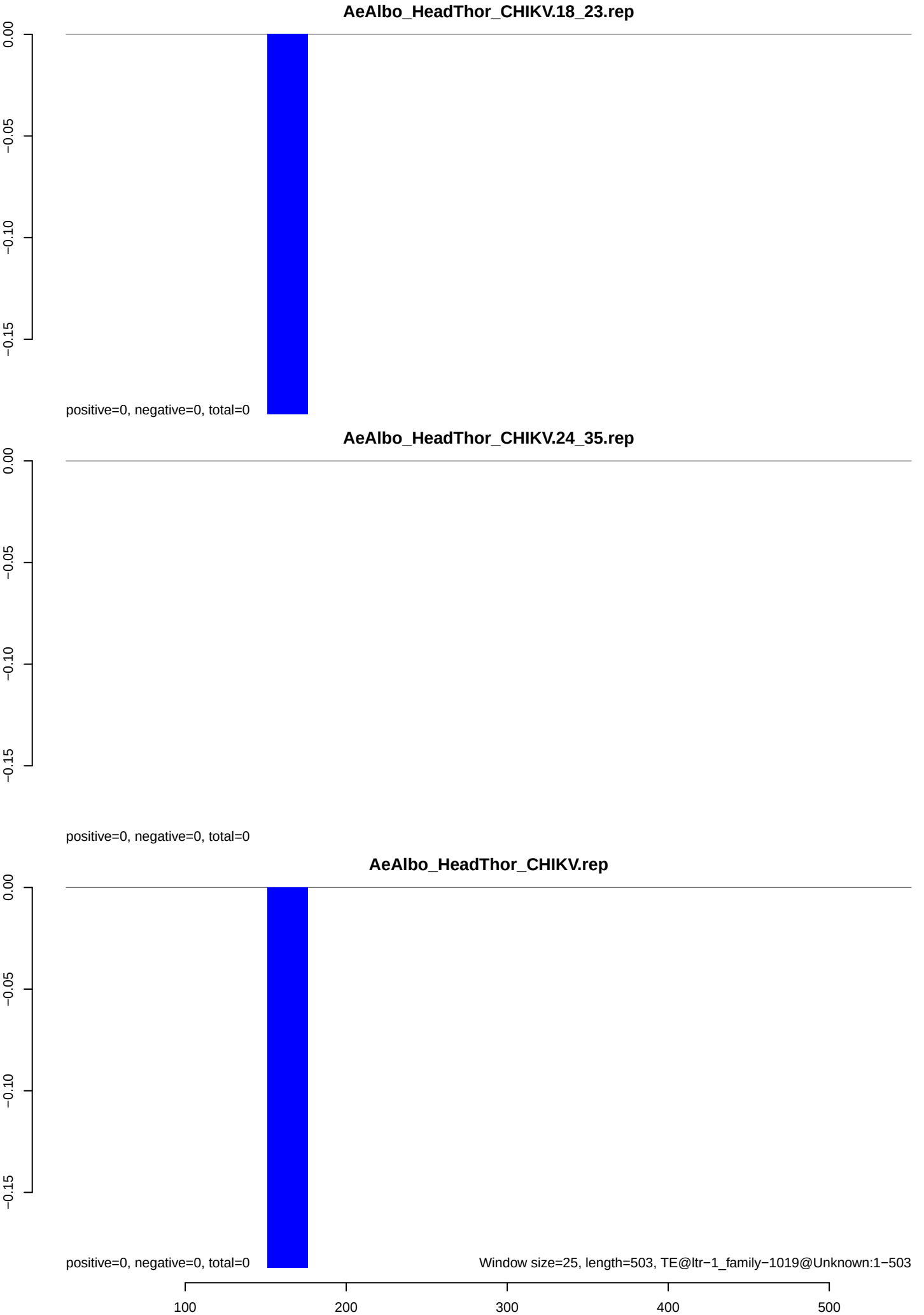

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=576, TE@lr−1_family−1398@Unknown:1−576
100
200
300
400
500
600

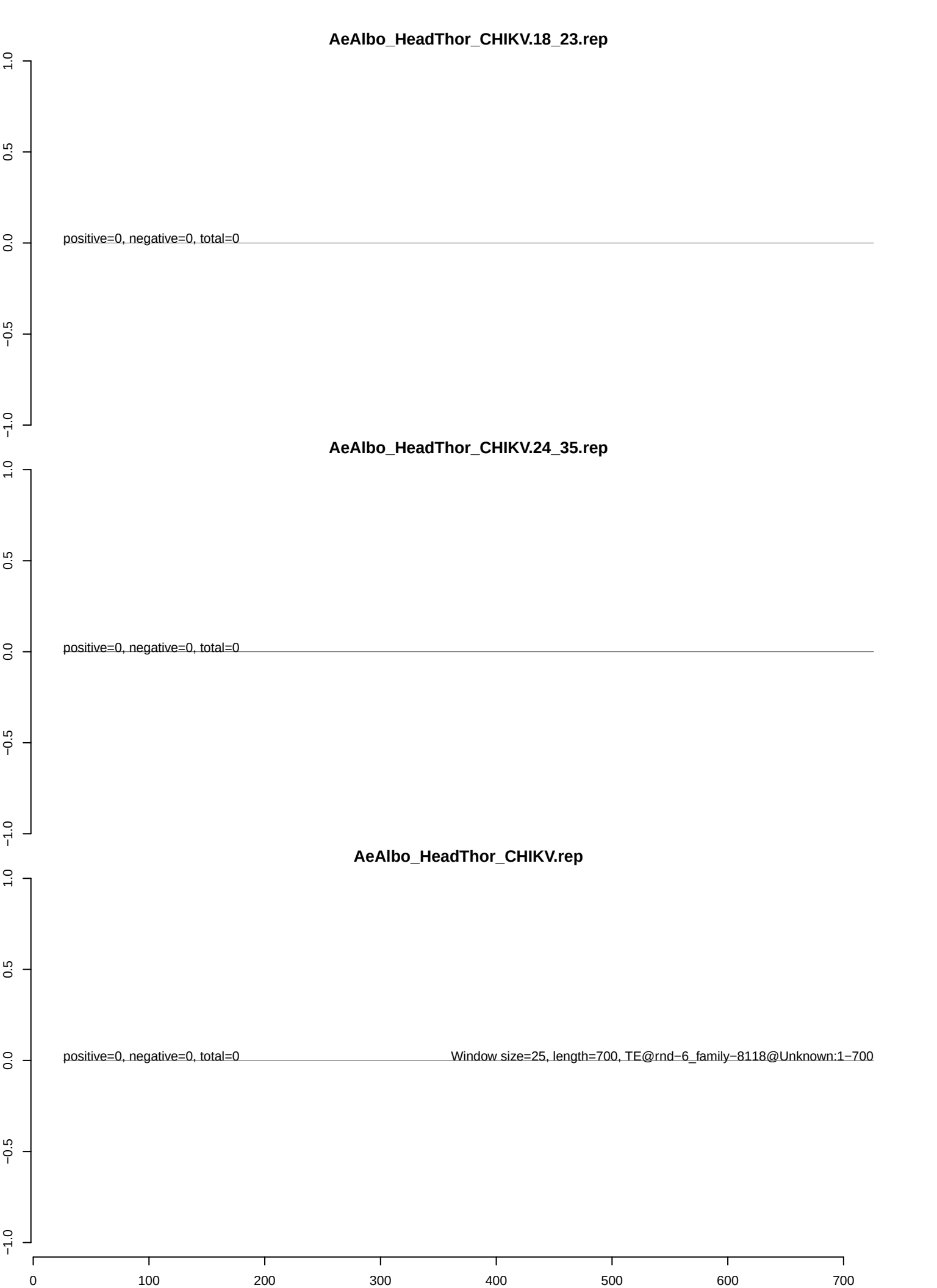

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=773, TE@ltr−1_family−1327@LTR_Pao:1−773
0
200
400
600
800

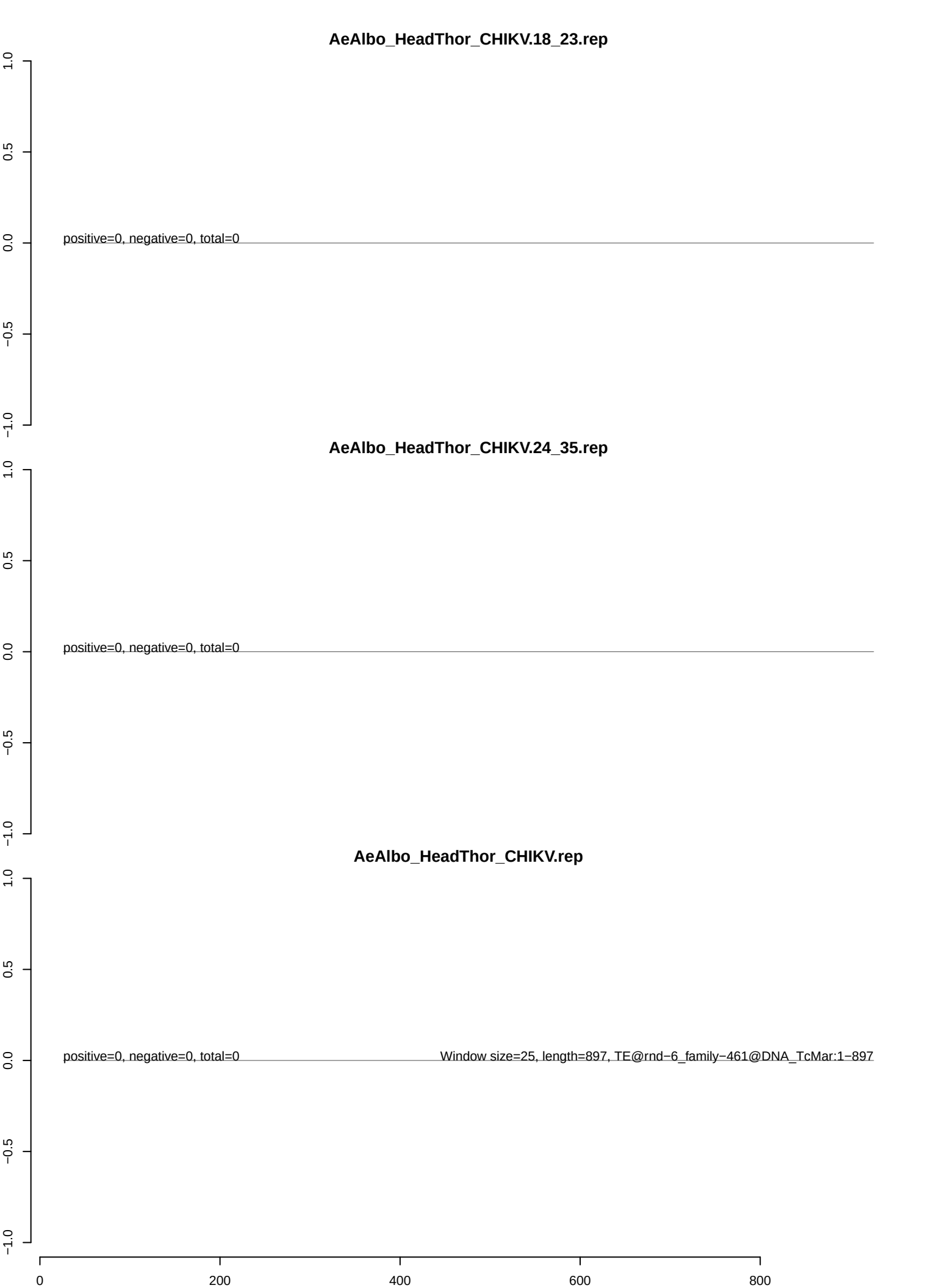

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=641, TE@ltr−1_family−1246@LTR_Pao:1−641
0
100
200
300
400
500
600
700

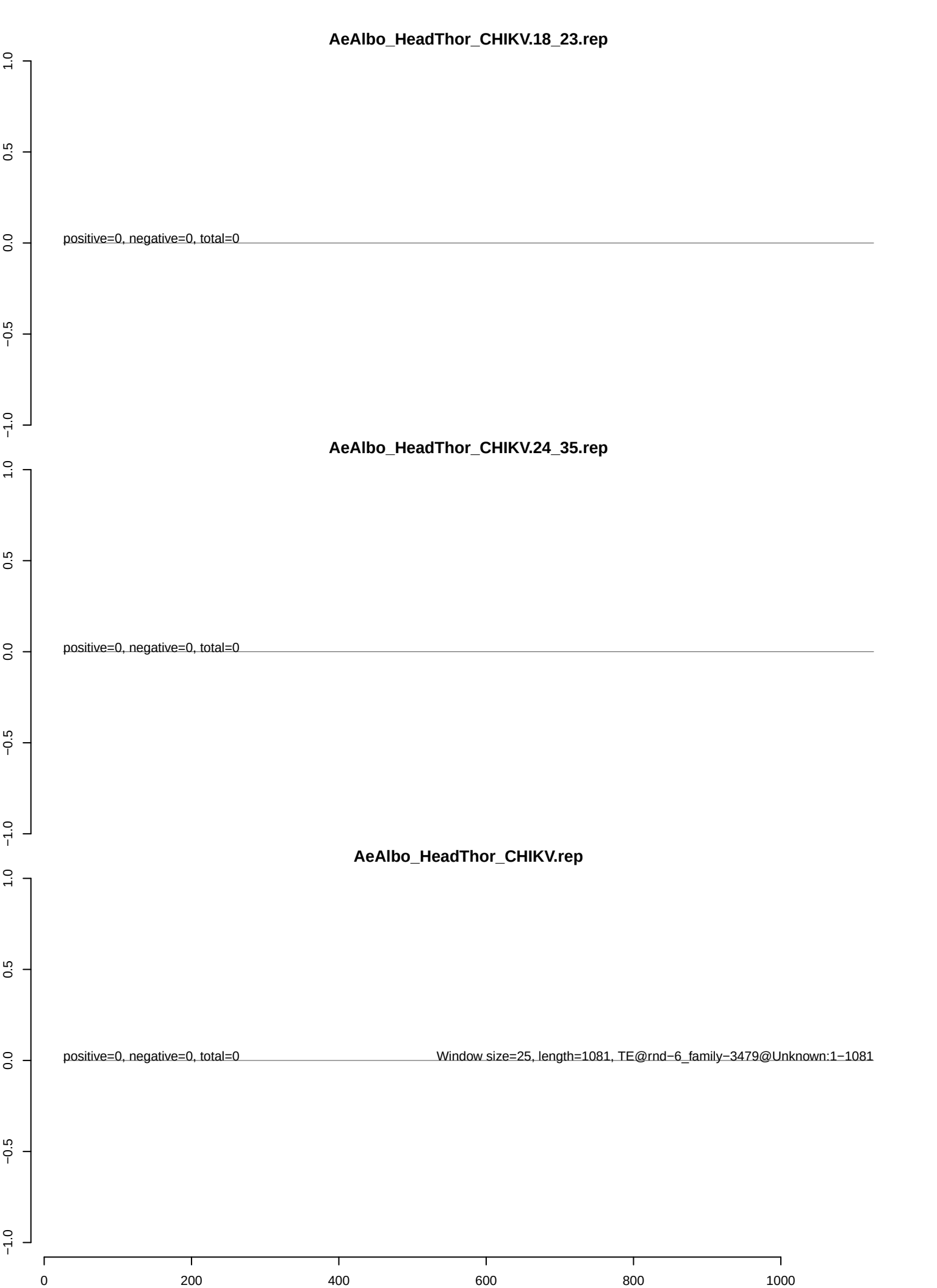

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=545, TE@ltr−1_family−1138@Unknown:1−545
100
200
300
400
500

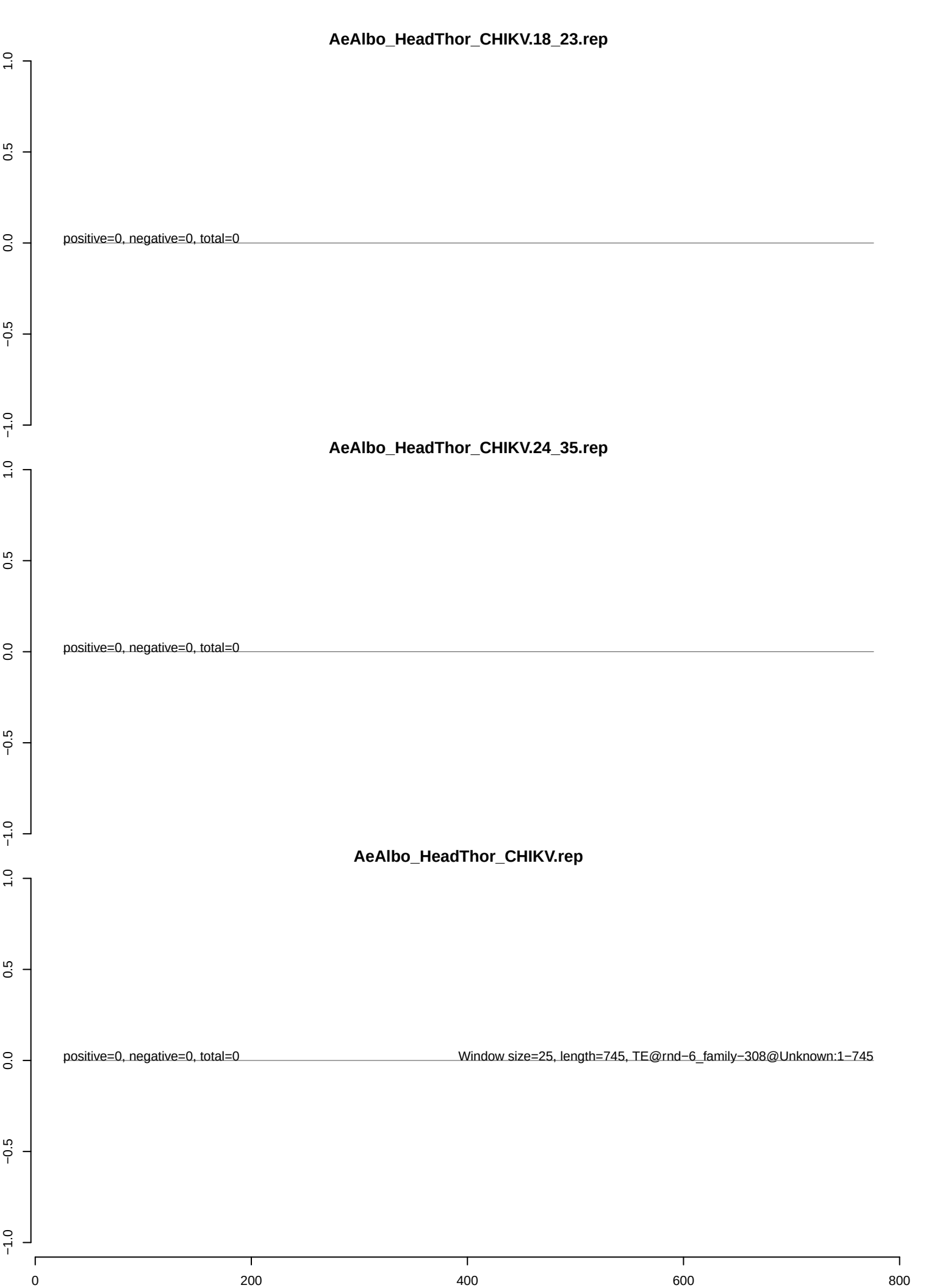

AeAlbo_HeadThor_CHIKV.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
−1.2
−1.4
positive=0, negative=1, total=1
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=1, total=1
Window size=25, length=726, TE@ltr−1_family−110@LTR_Pao:1−726
0
200
400
600
800

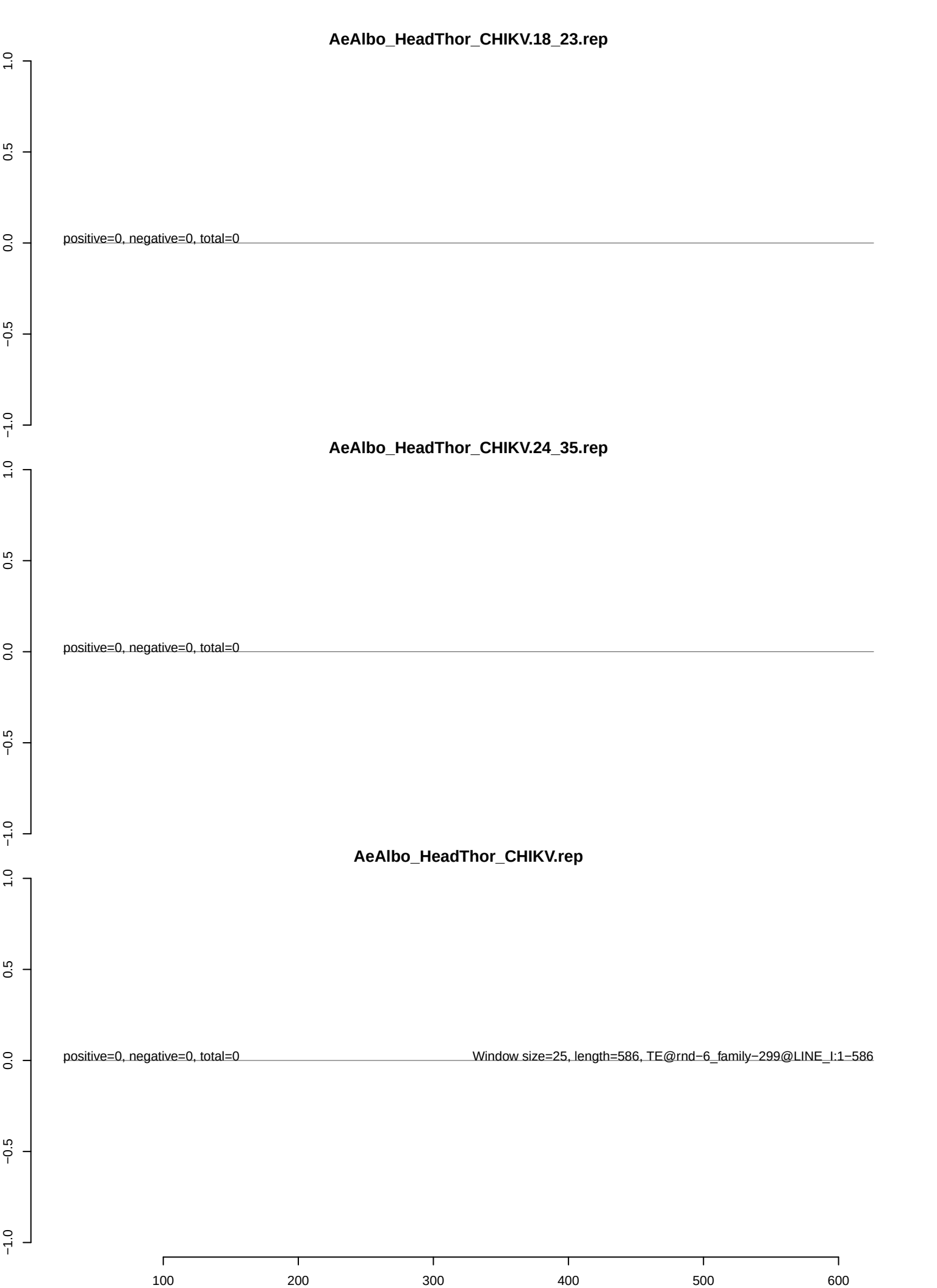

AeAlbo_HeadThor_CHIKV.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=503, TE@ltr−1_family−1019@Unknown:1−503
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=700, TE@rnd−6_family−8118@Unknown:1−700
1.0
0.5
0.0
−0.5
−1.0
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=897, TE@rnd−6_family−461@DNA_TcMar:1−897
1.0
0.5
0.0
−0.5
−1.0
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=1081, TE@rnd−6_family−3479@Unknown:1−1081
0
200
400
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=745, TE@rnd−6_family−308@Unknown:1−745
1.0
0.5
0.0
−0.5
−1.0
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=586, TE@rnd−6_family−299@LINE_I:1−586
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0.0
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−1.0
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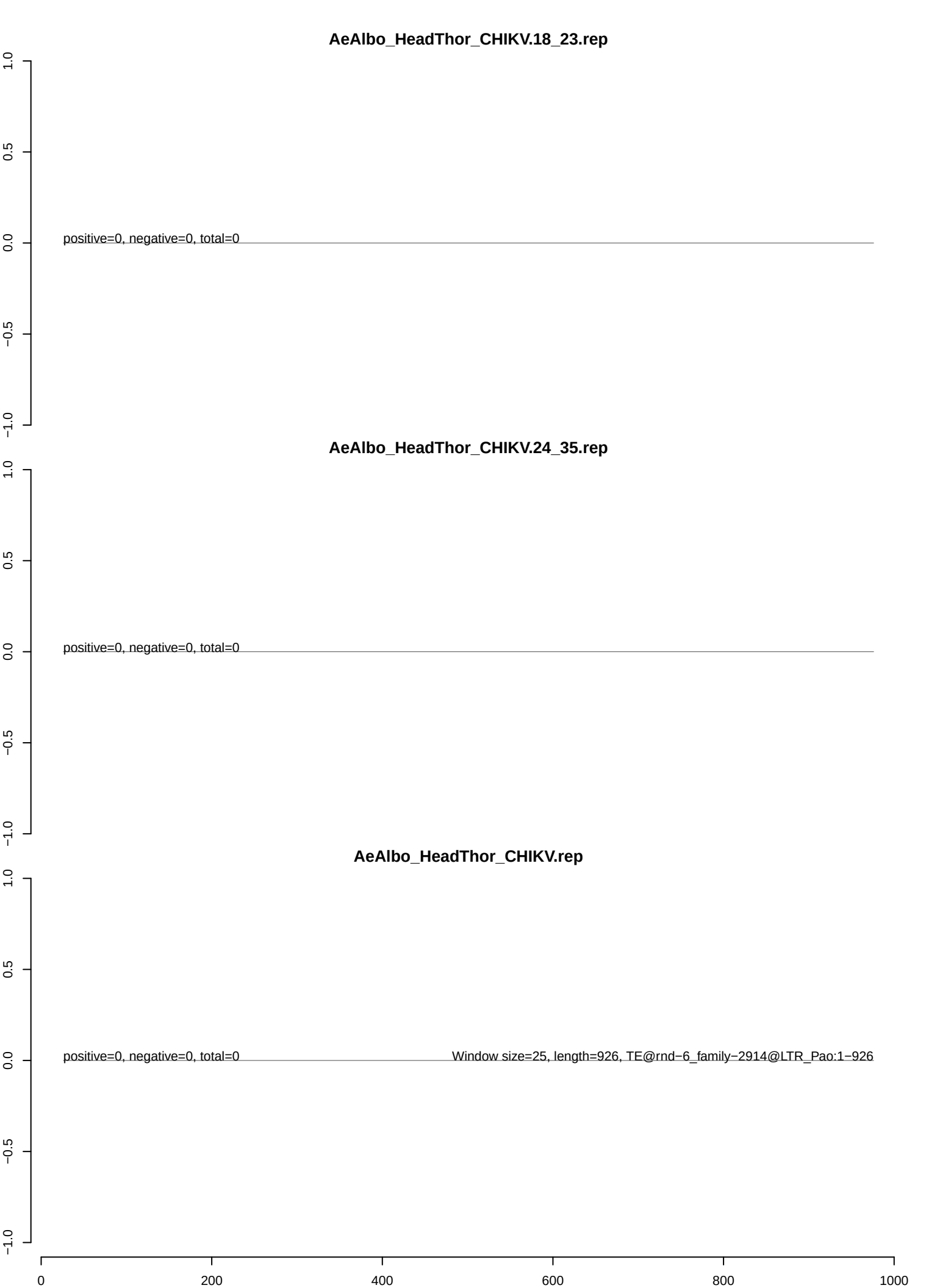
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=926, TE@rnd−6_family−2914@LTR_Pao:1−926
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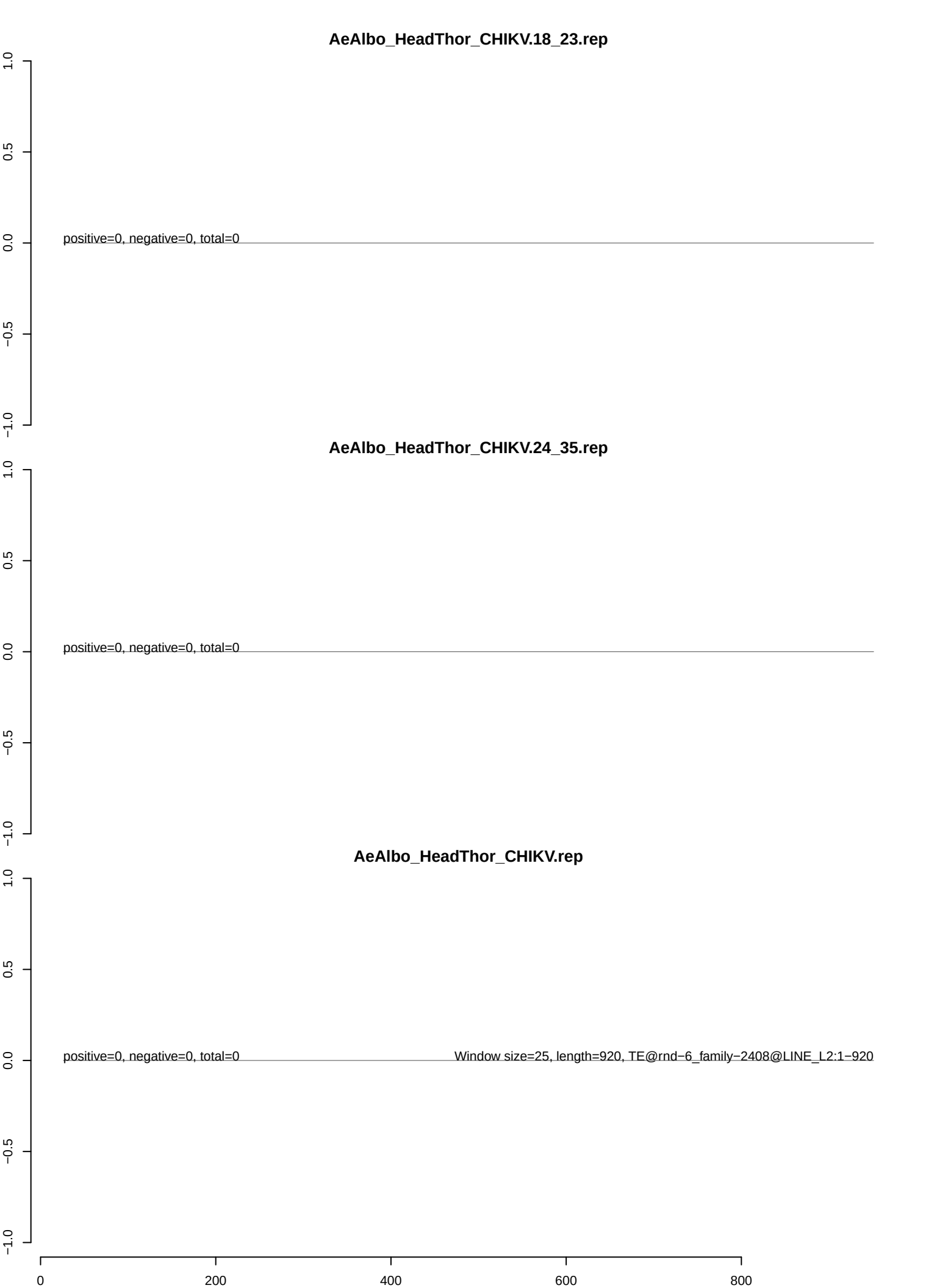
600
800
1000


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=920, TE@rnd−6_family−2408@LINE_L2:1−920
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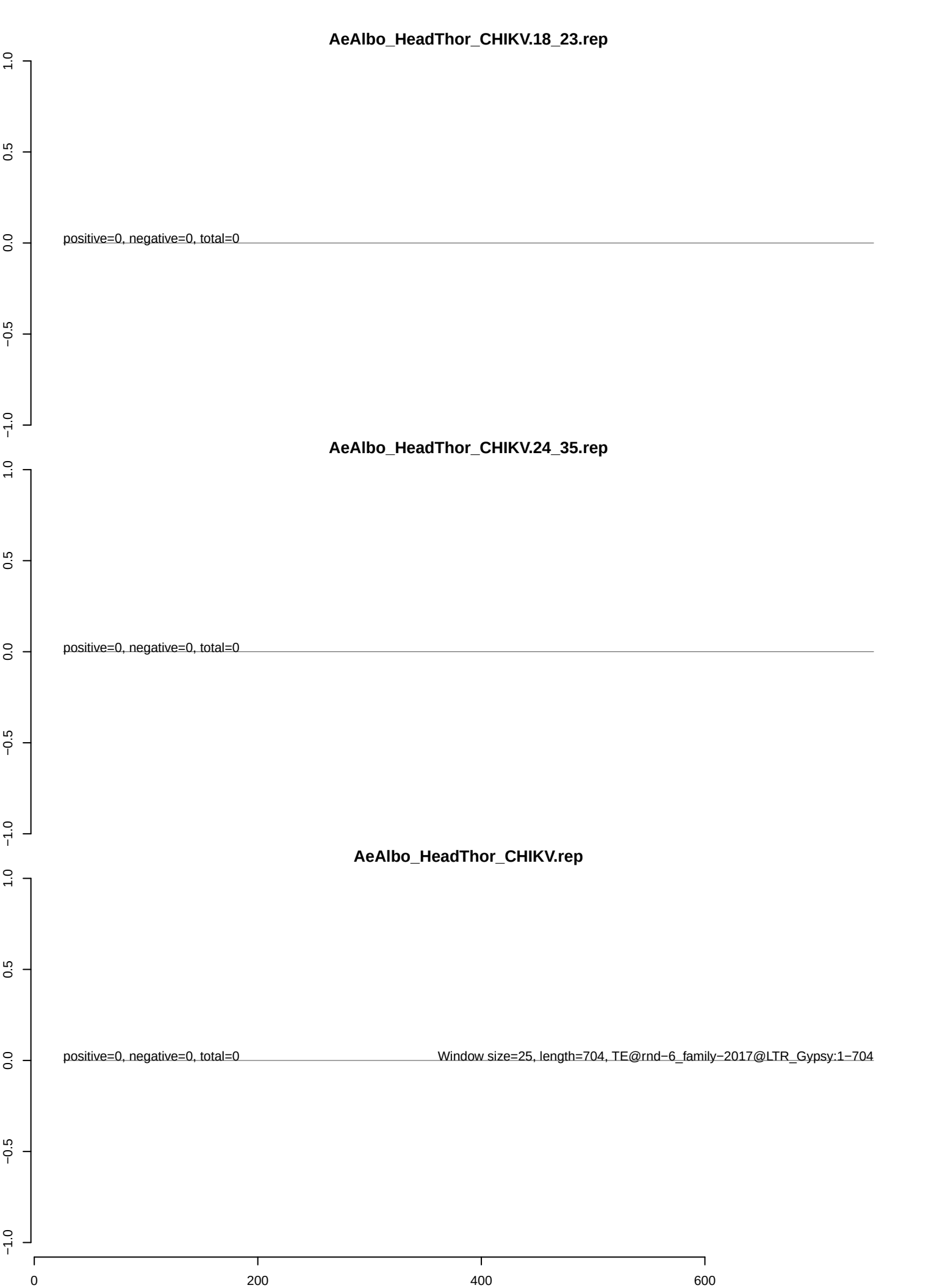
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
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0.0
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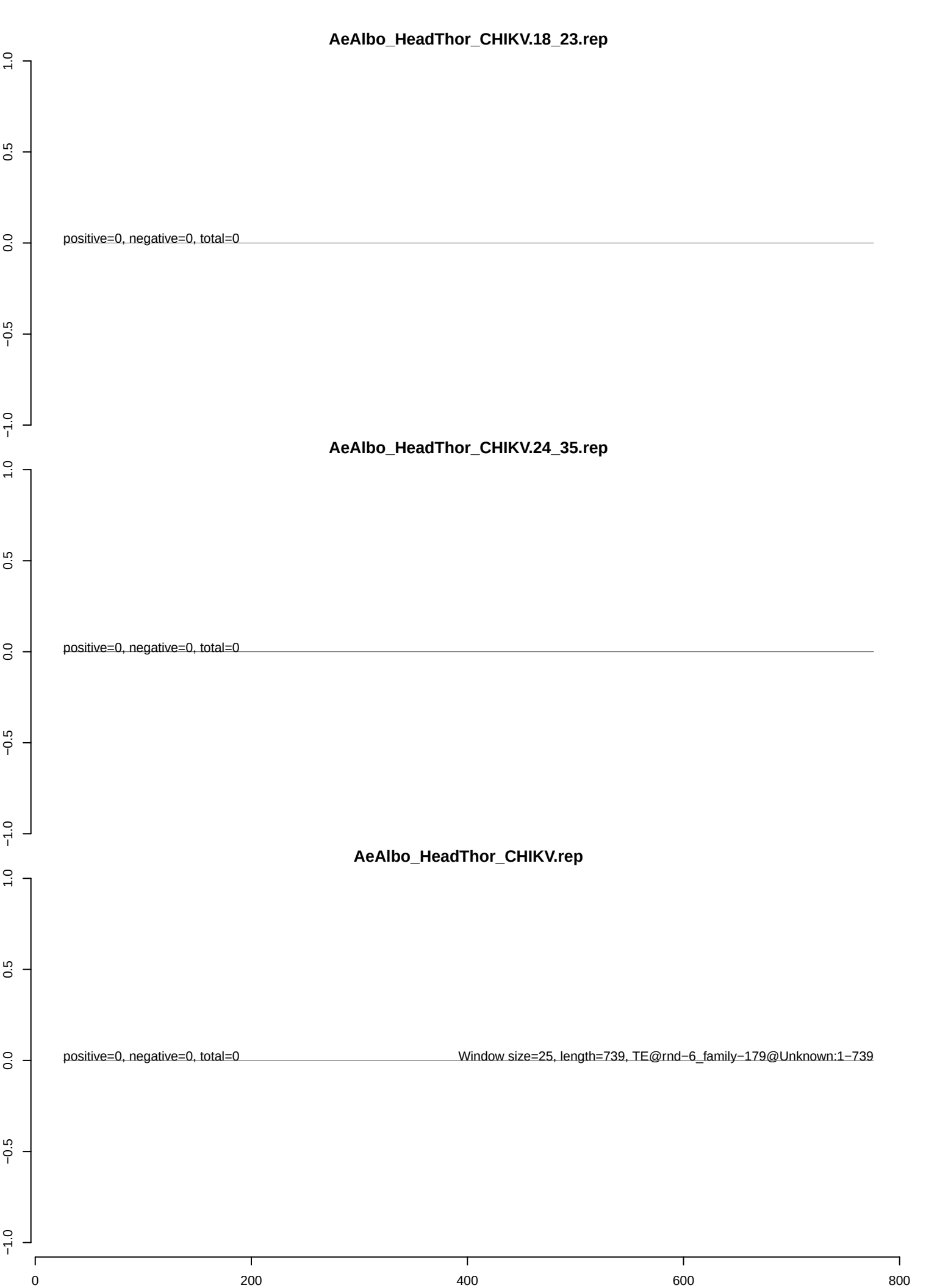
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=704, TE@rnd−6_family−2017@LTR_Gypsy:1−704
0
200
400
600


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=739, TE@rnd−6_family−179@Unknown:1−739
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0.0
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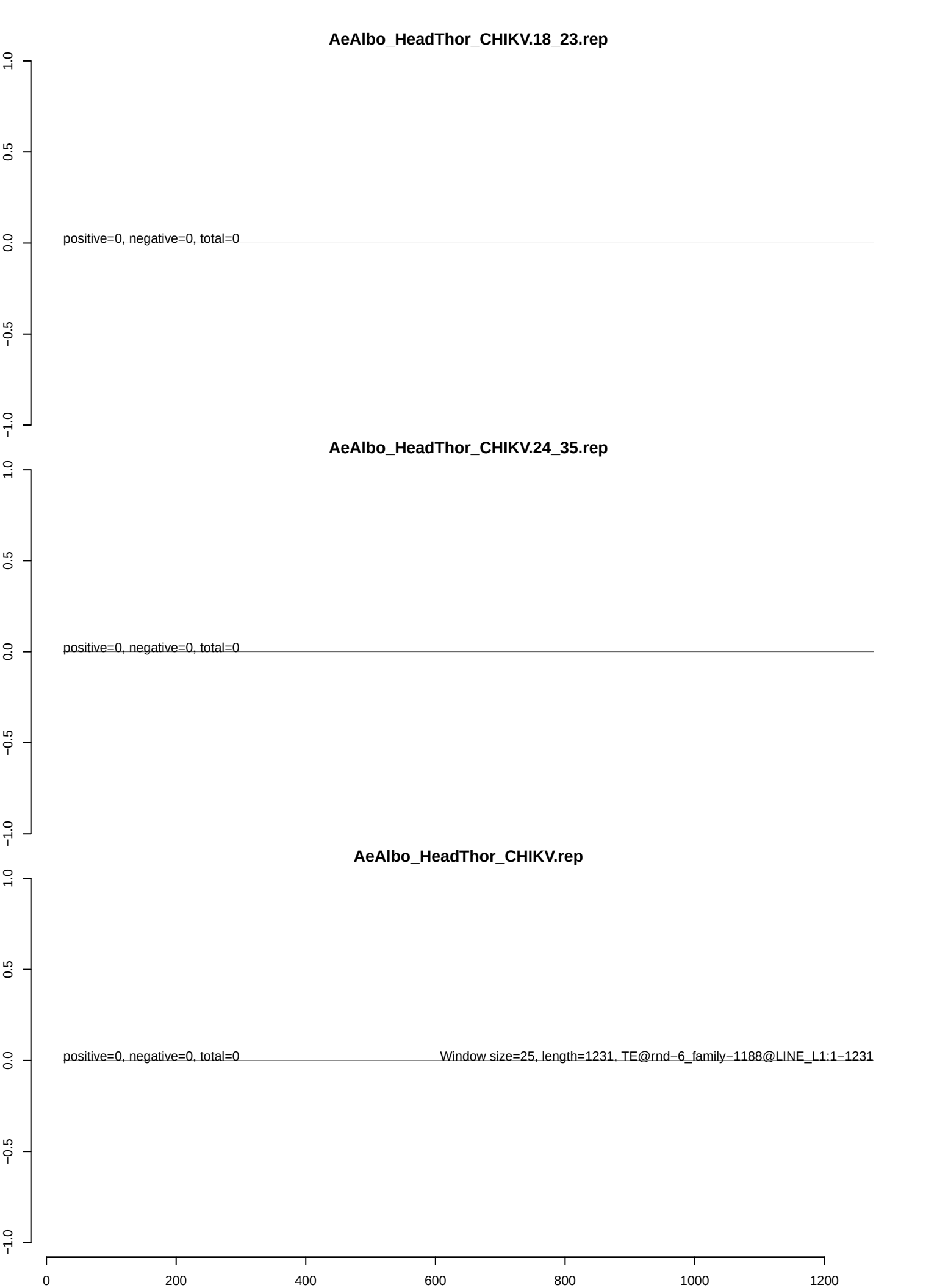
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=1231, TE@rnd−6_family−1188@LINE_L1:1−1231
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0.0
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−1.0
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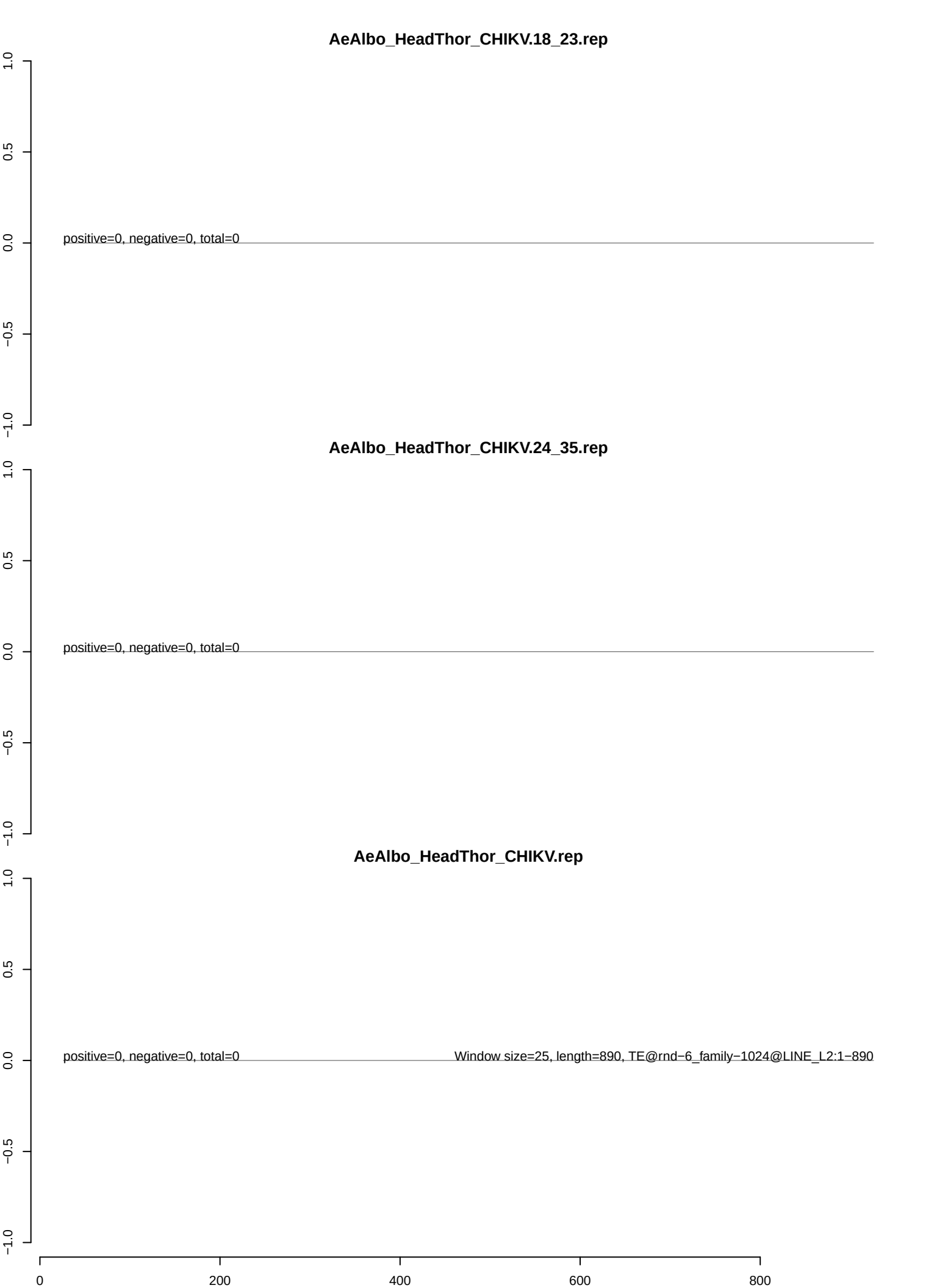
600
800
1000
1200


AeAlbo_HeadThor_CHIKV.18_23.rep
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0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=890, TE@rnd−6_family−1024@LINE_L2:1−890
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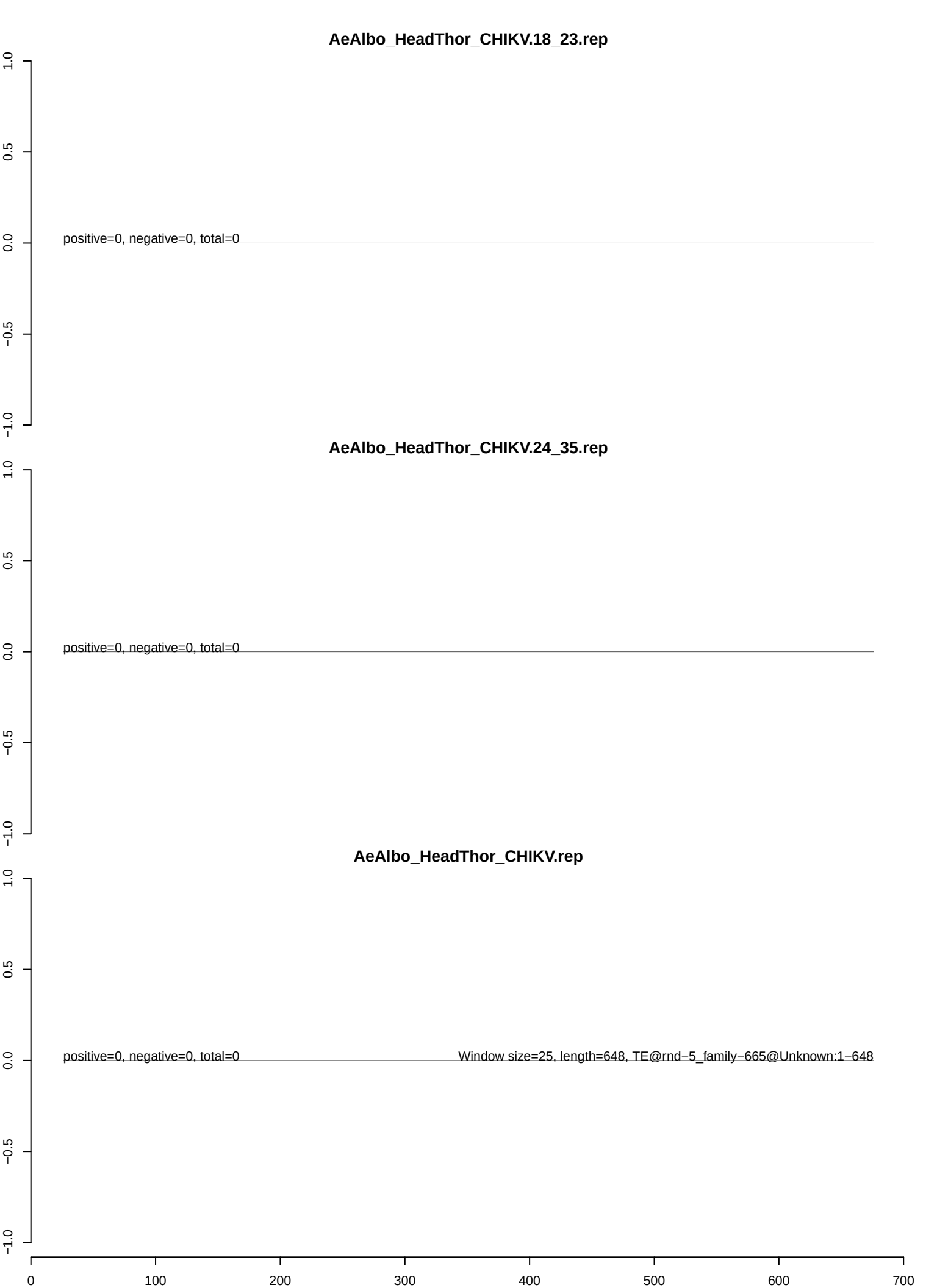
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=648, TE@rnd−5_family−665@Unknown:1−648
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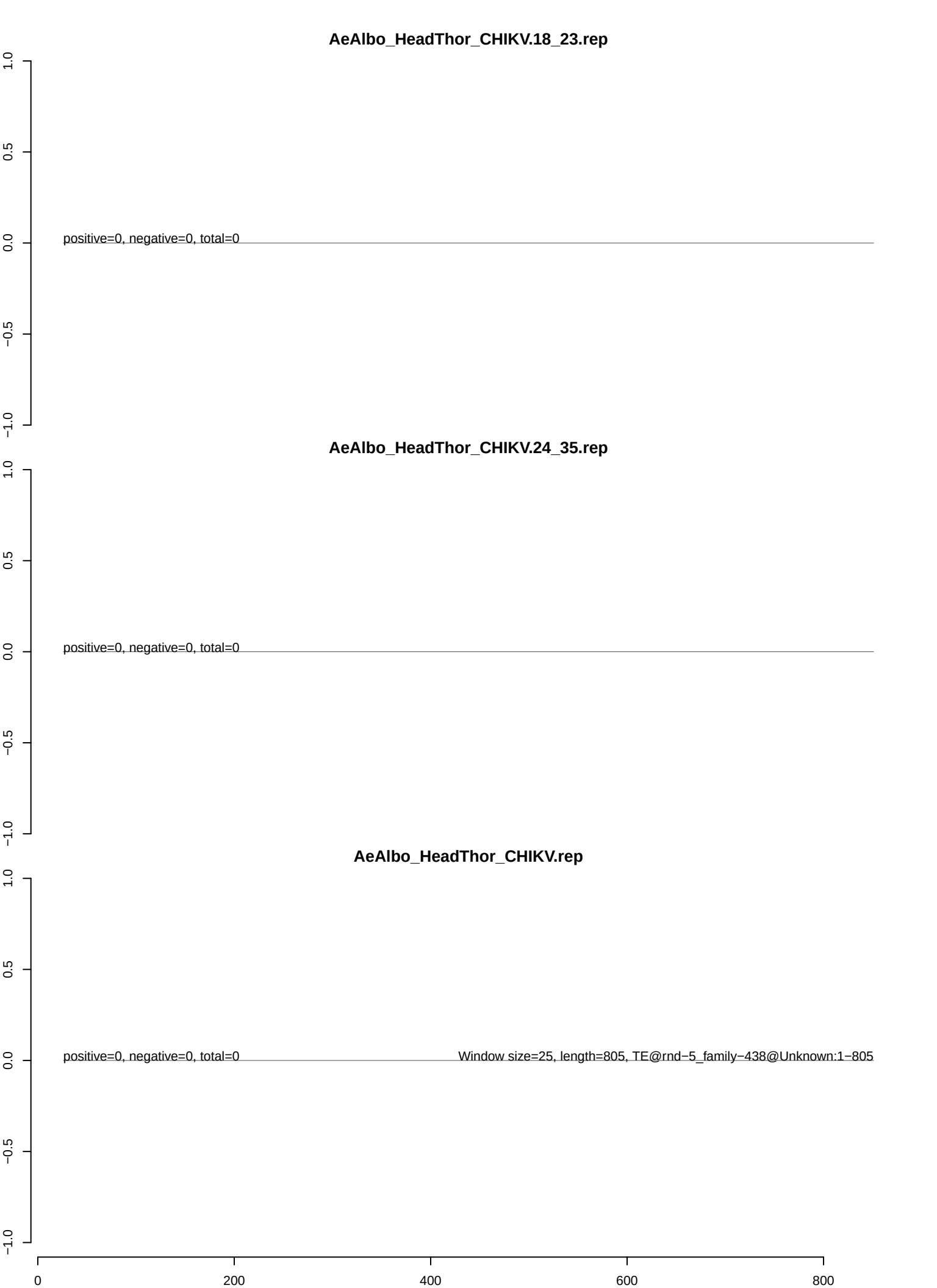
0.5
0.0
−0.5
−1.0
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
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0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
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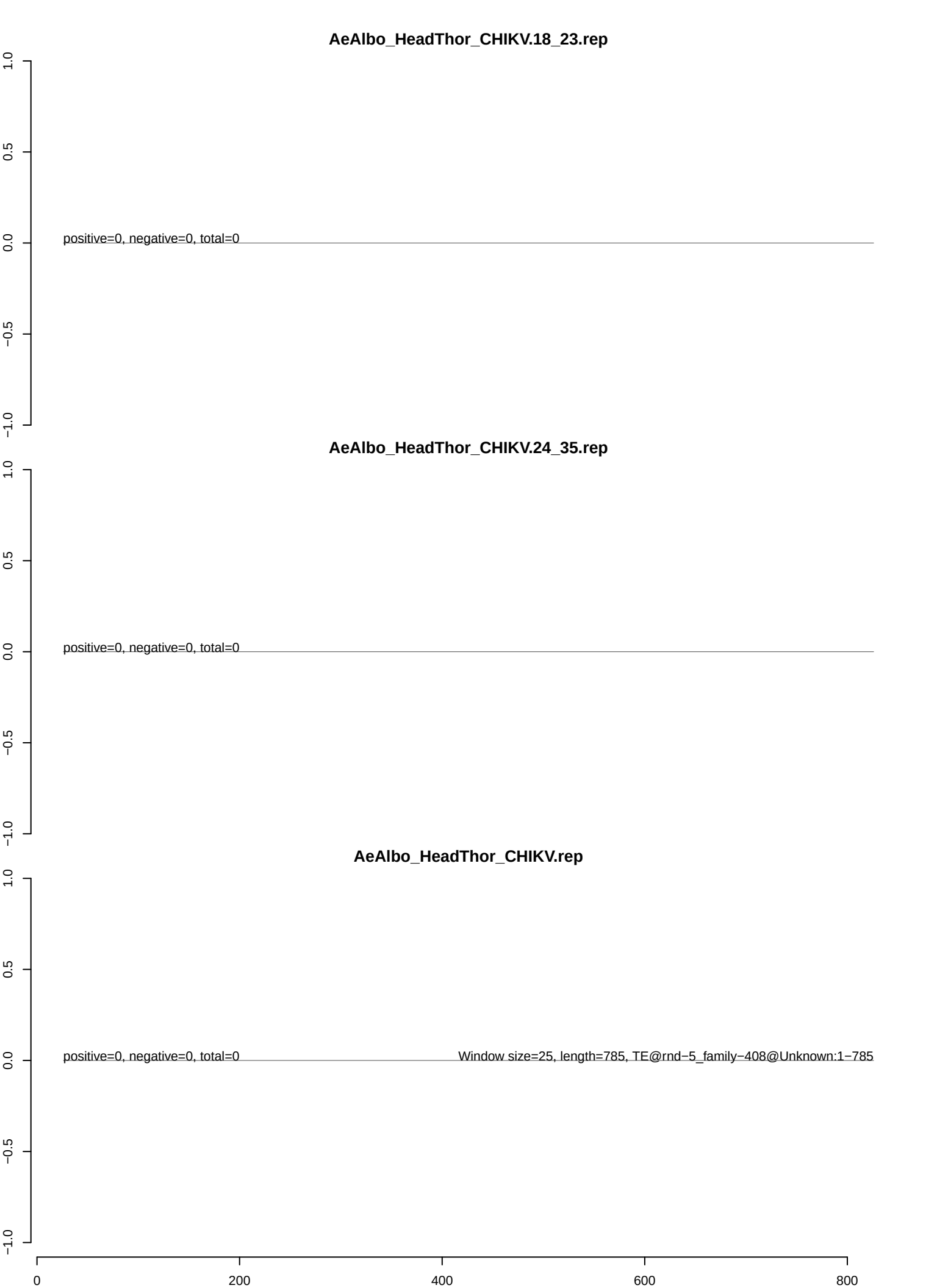
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=805, TE@rnd−5_family−438@Unknown:1−805
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=785, TE@rnd−5_family−408@Unknown:1−785
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0.5
0.0
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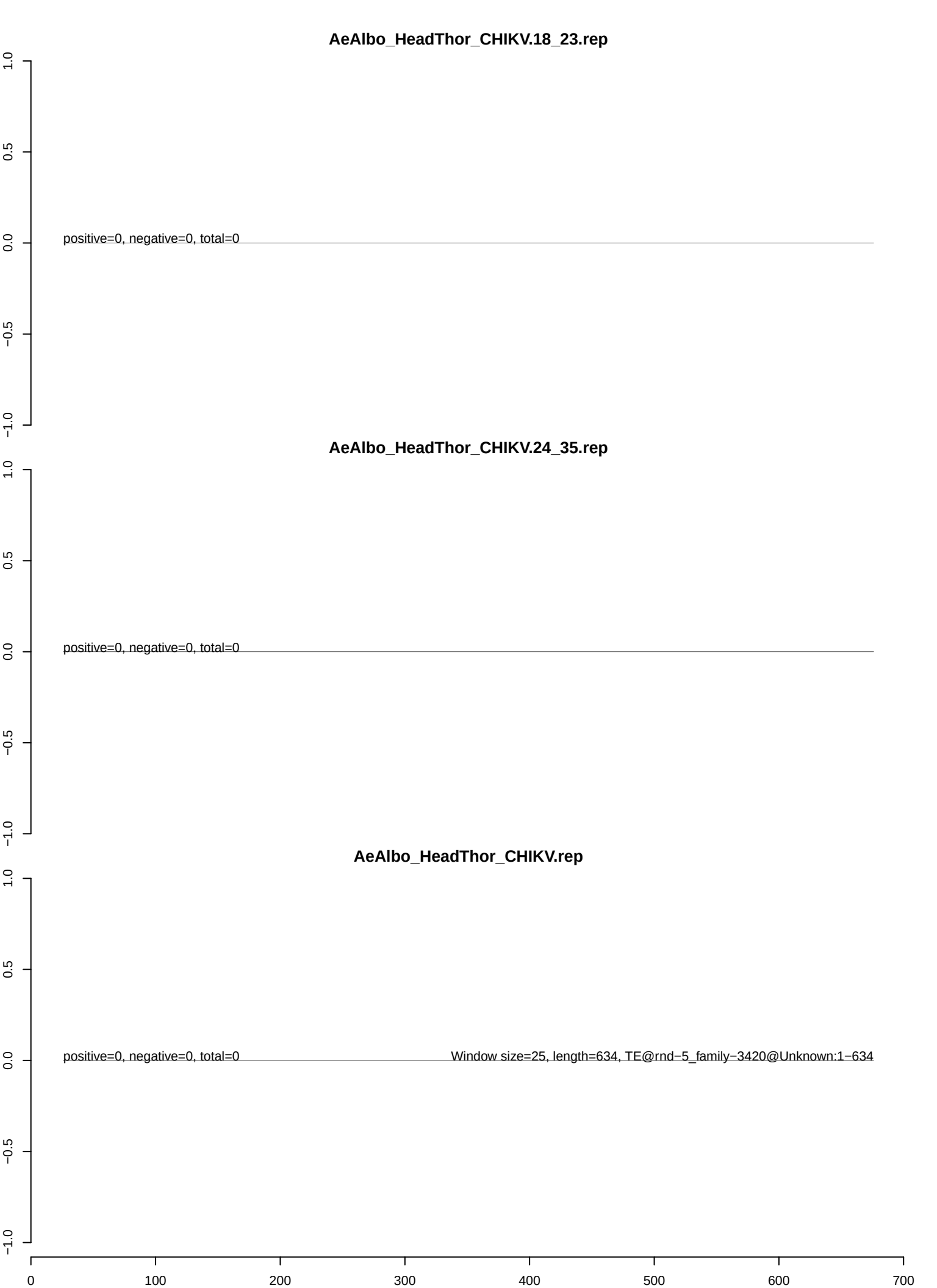
−1.0
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=634, TE@rnd−5_family−3420@Unknown:1−634
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0.5
0.0
−0.5
−1.0
0
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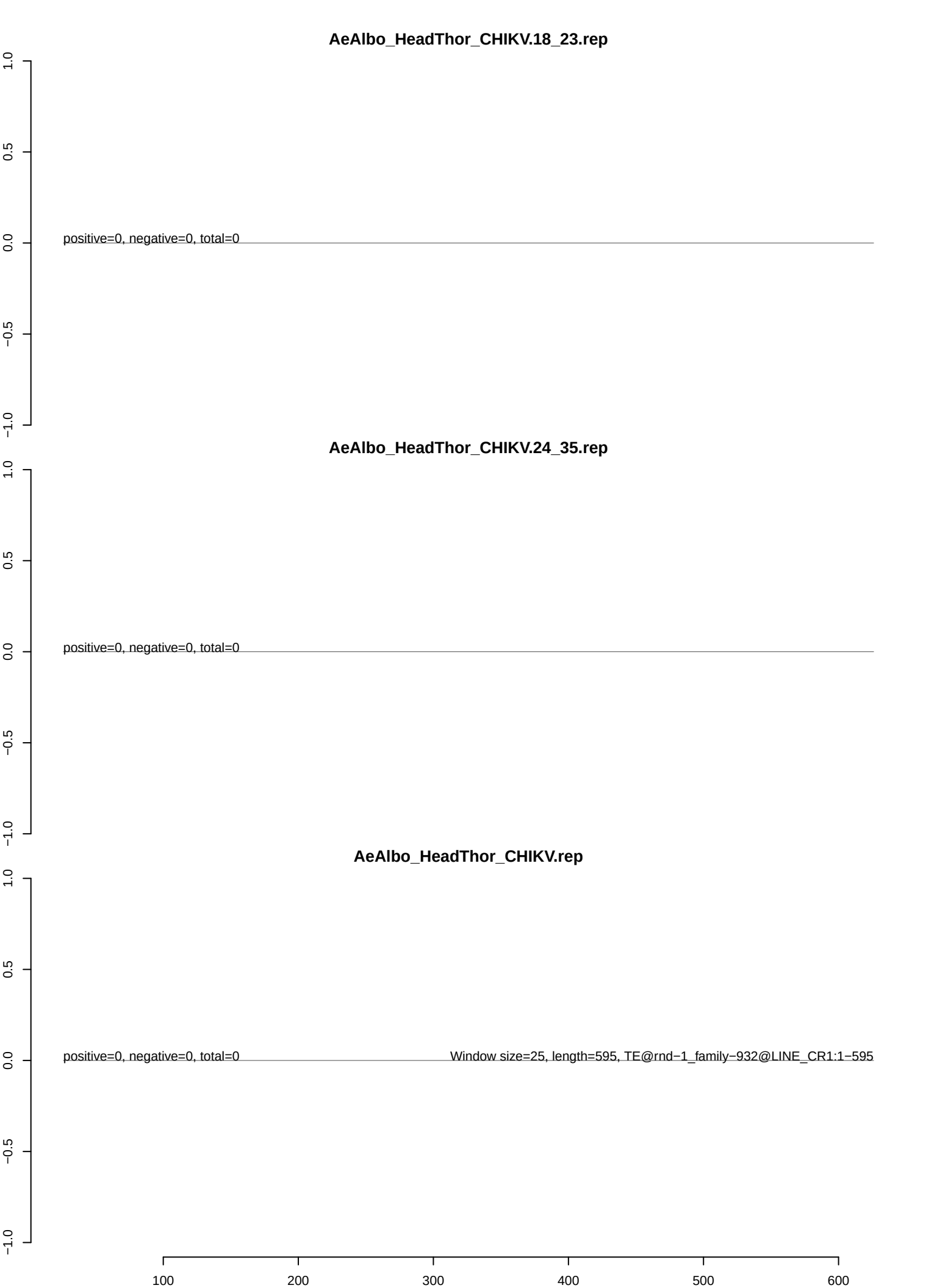
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=595, TE@rnd−1_family−932@LINE_CR1:1−595
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0.0
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−1.0
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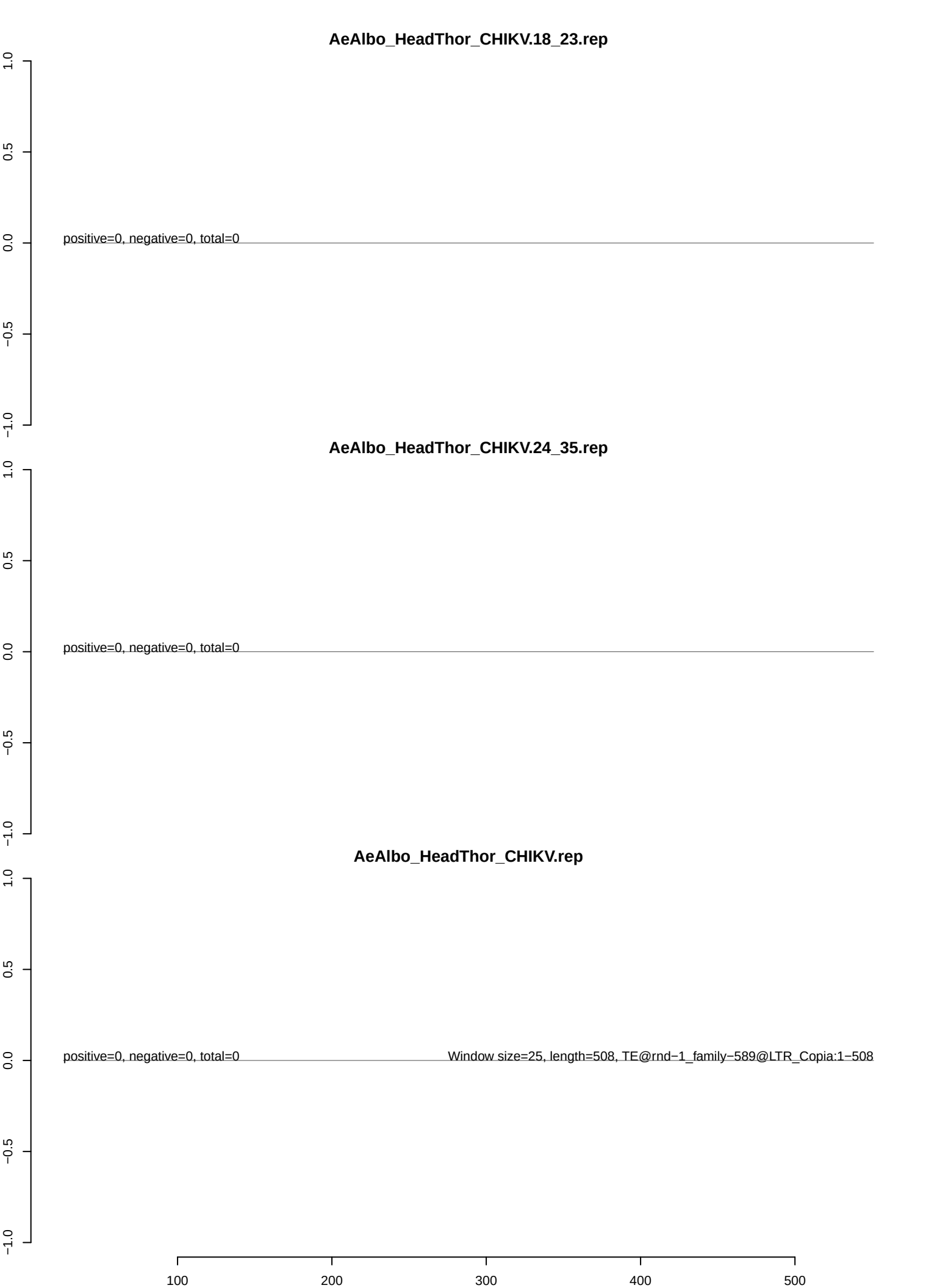
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=508, TE@rnd−1_family−589@LTR_Copia:1−508
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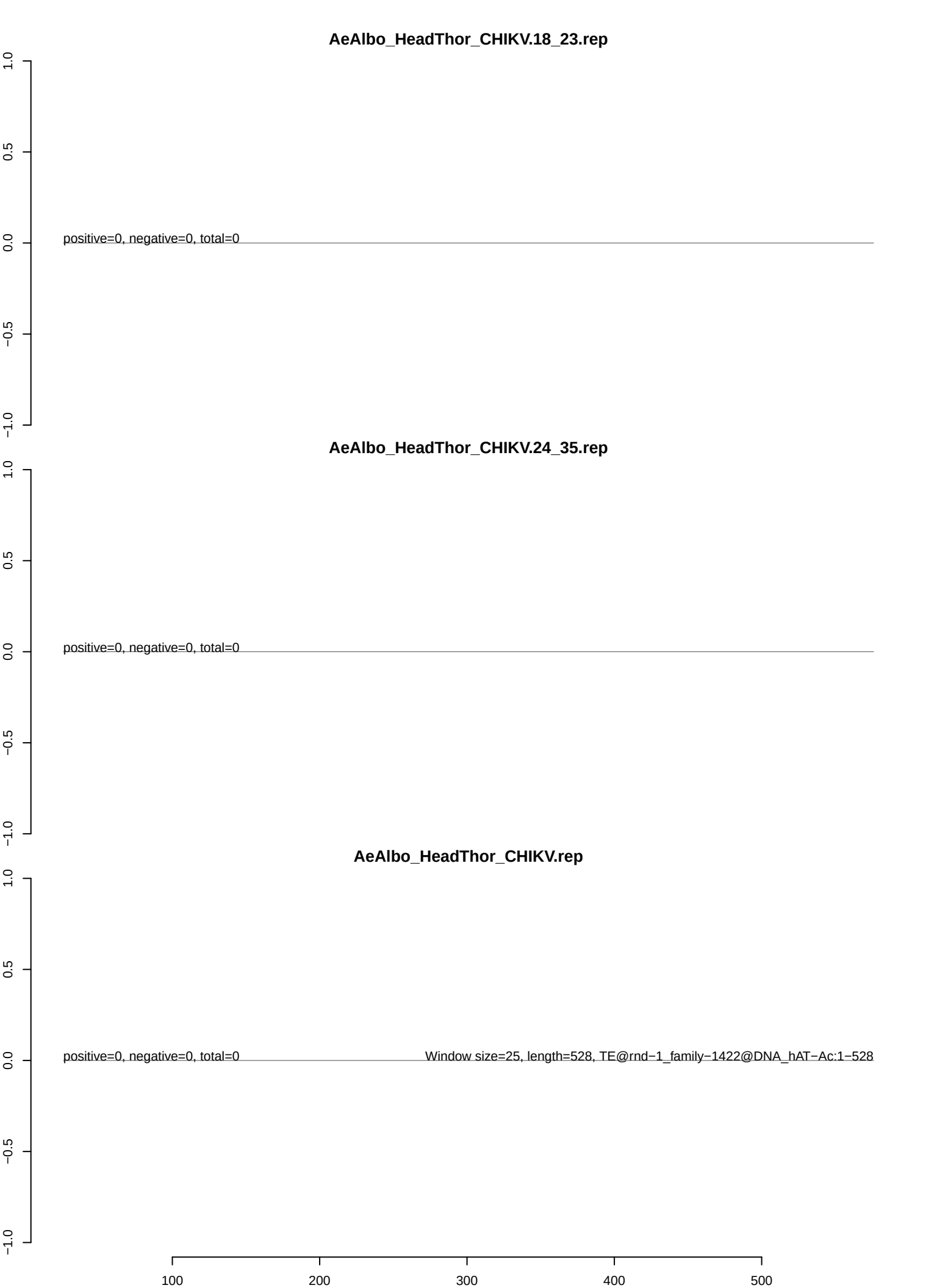
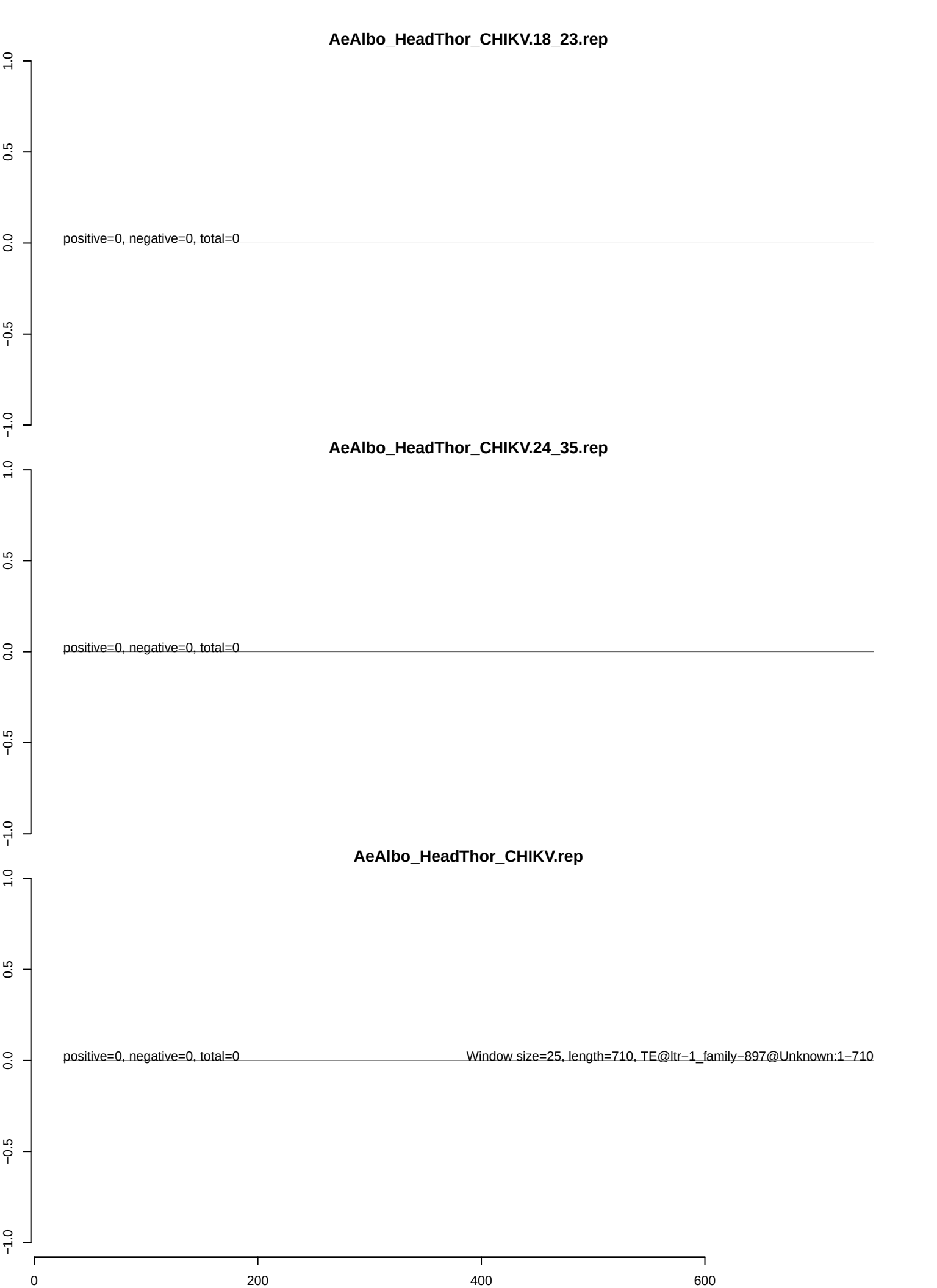
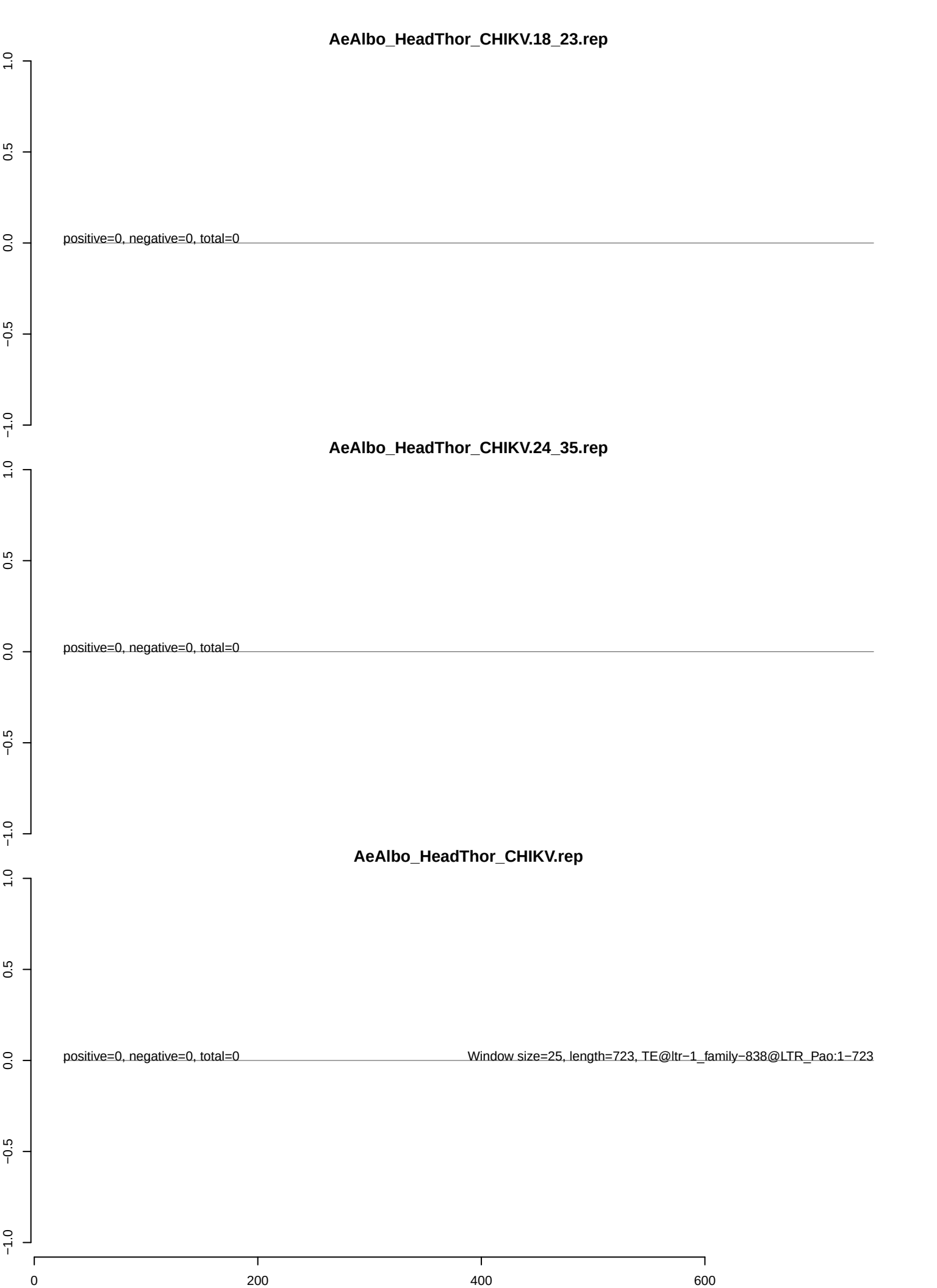
0.5
0.0
−0.5
−1.0
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=528, TE@rnd−1_family−1422@DNA_hAT−Ac:1−528
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=710, TE@ltr−1_family−897@Unknown:1−710
0
200
400
600


AeAlbo_HeadThor_CHIKV.18_23.rep
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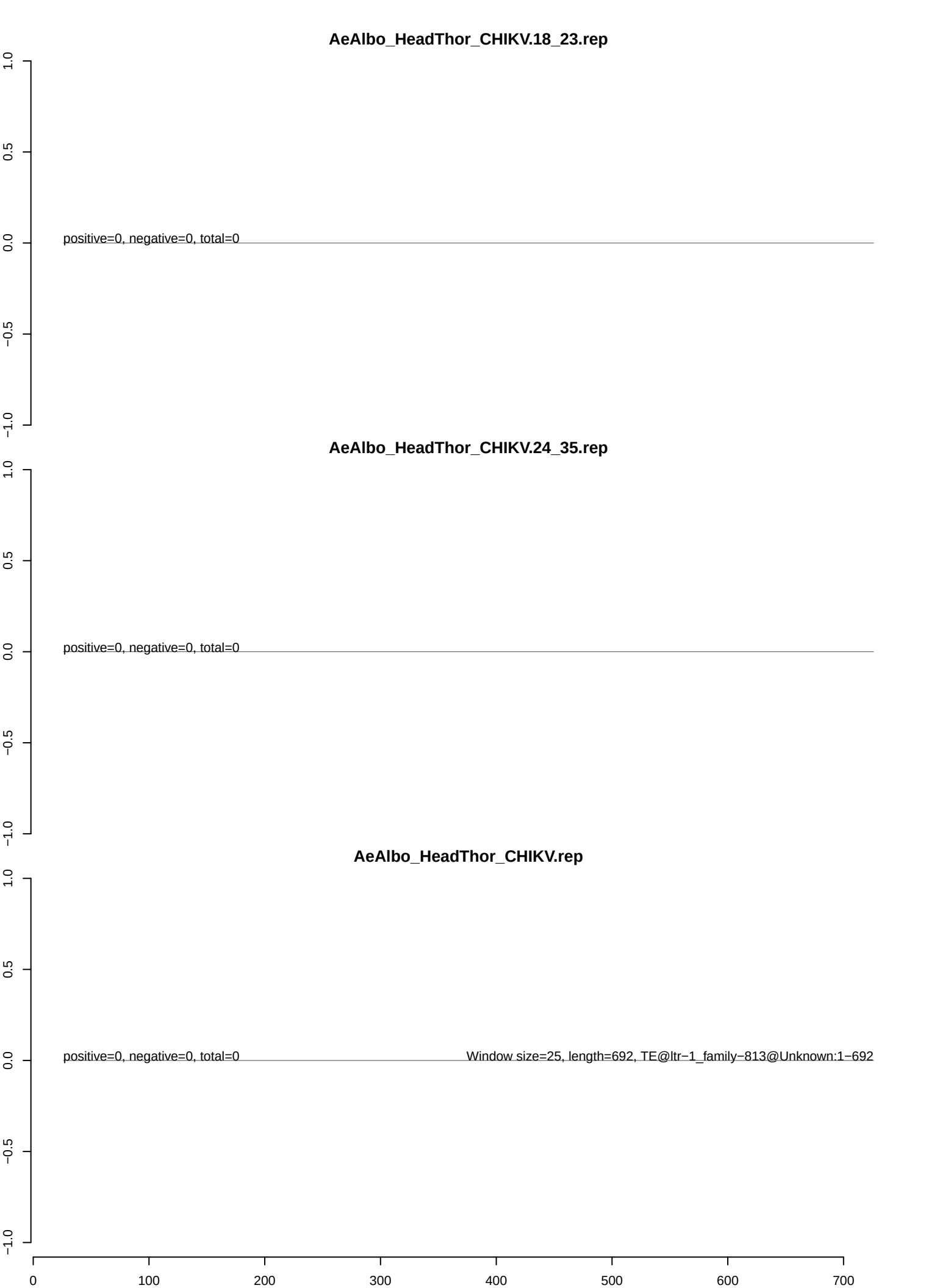
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=723, TE@ltr−1_family−838@LTR_Pao:1−723
0
200
400
600


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=692, TE@ltr−1_family−813@Unknown:1−692
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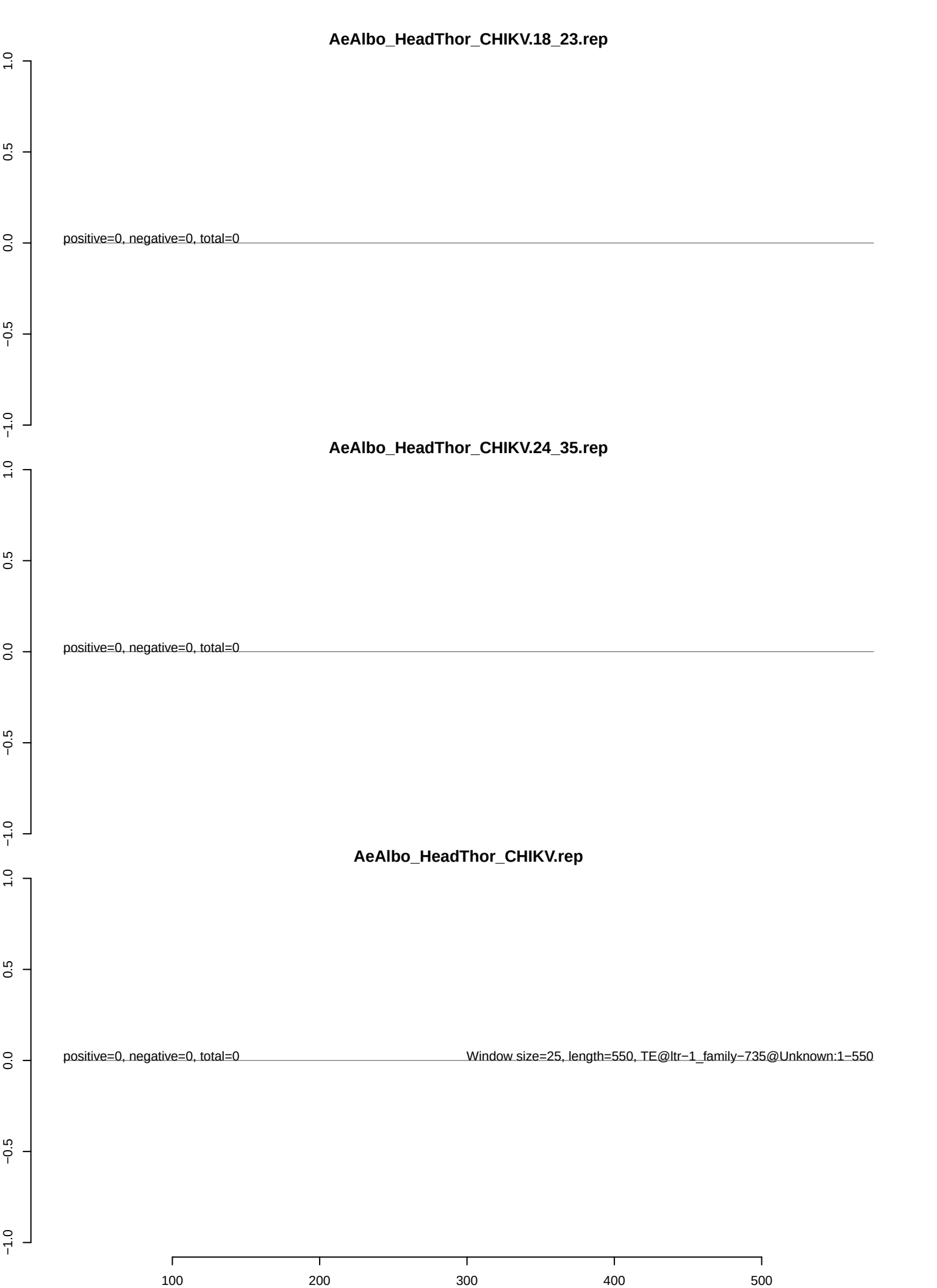
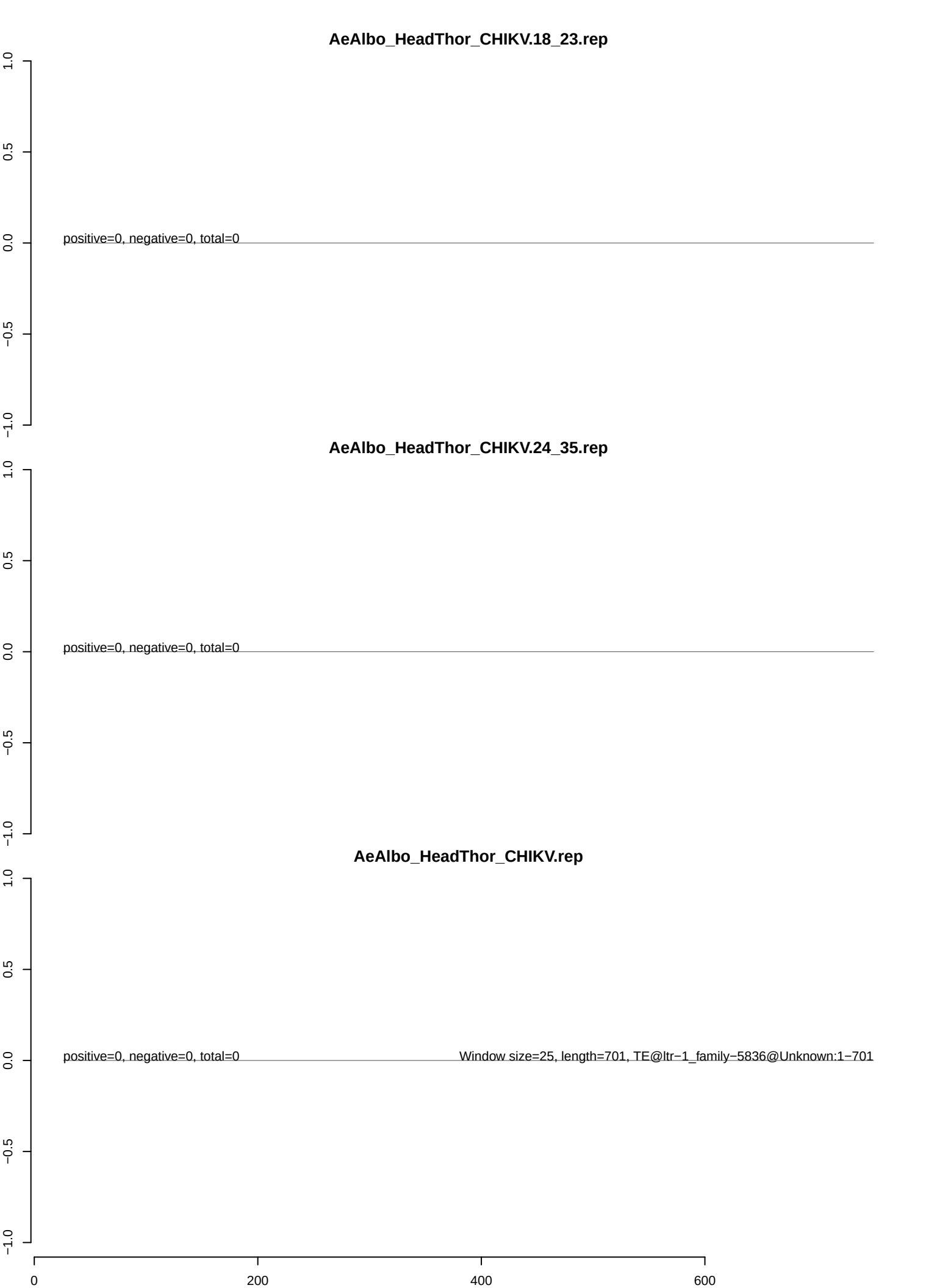
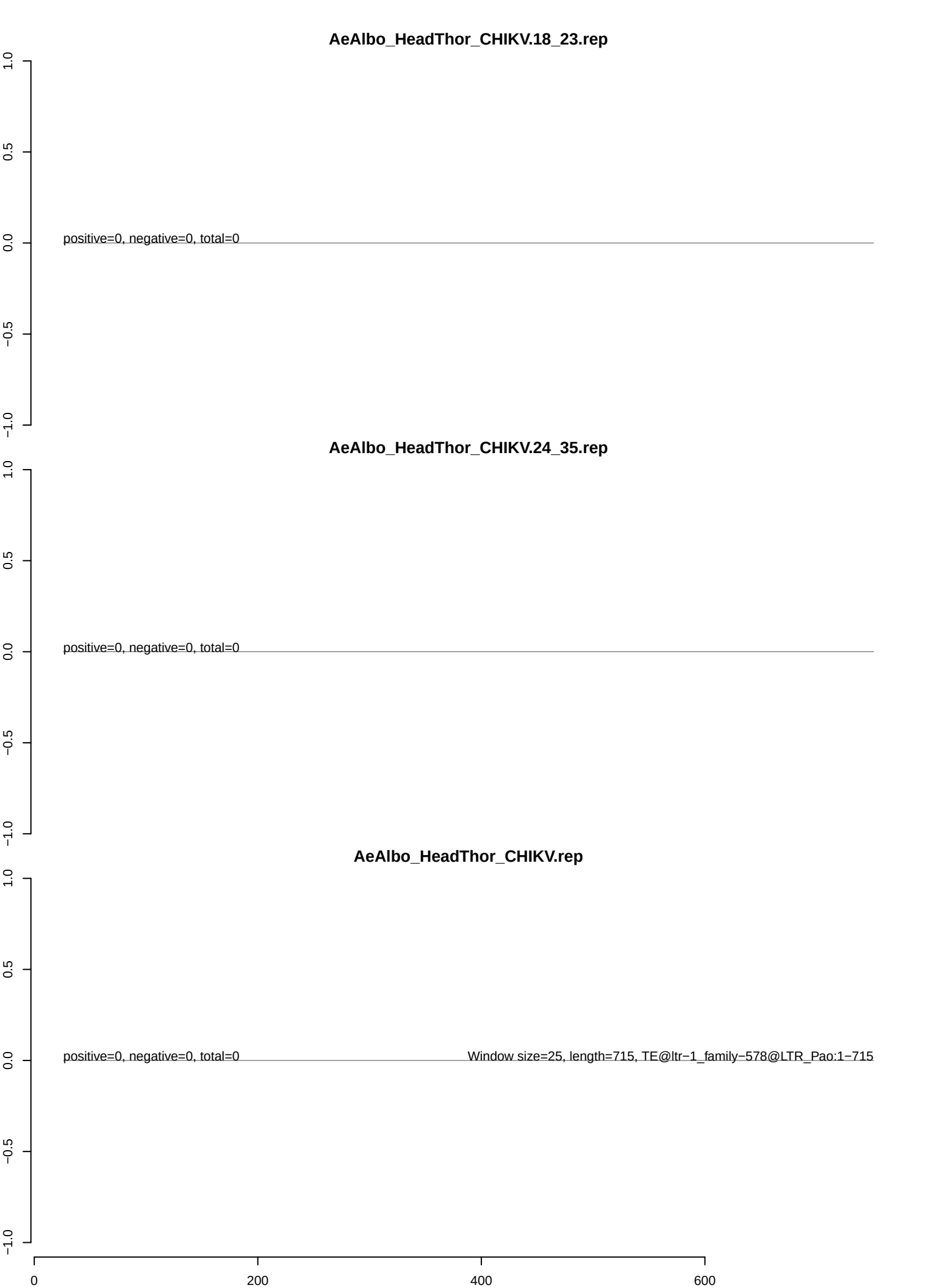
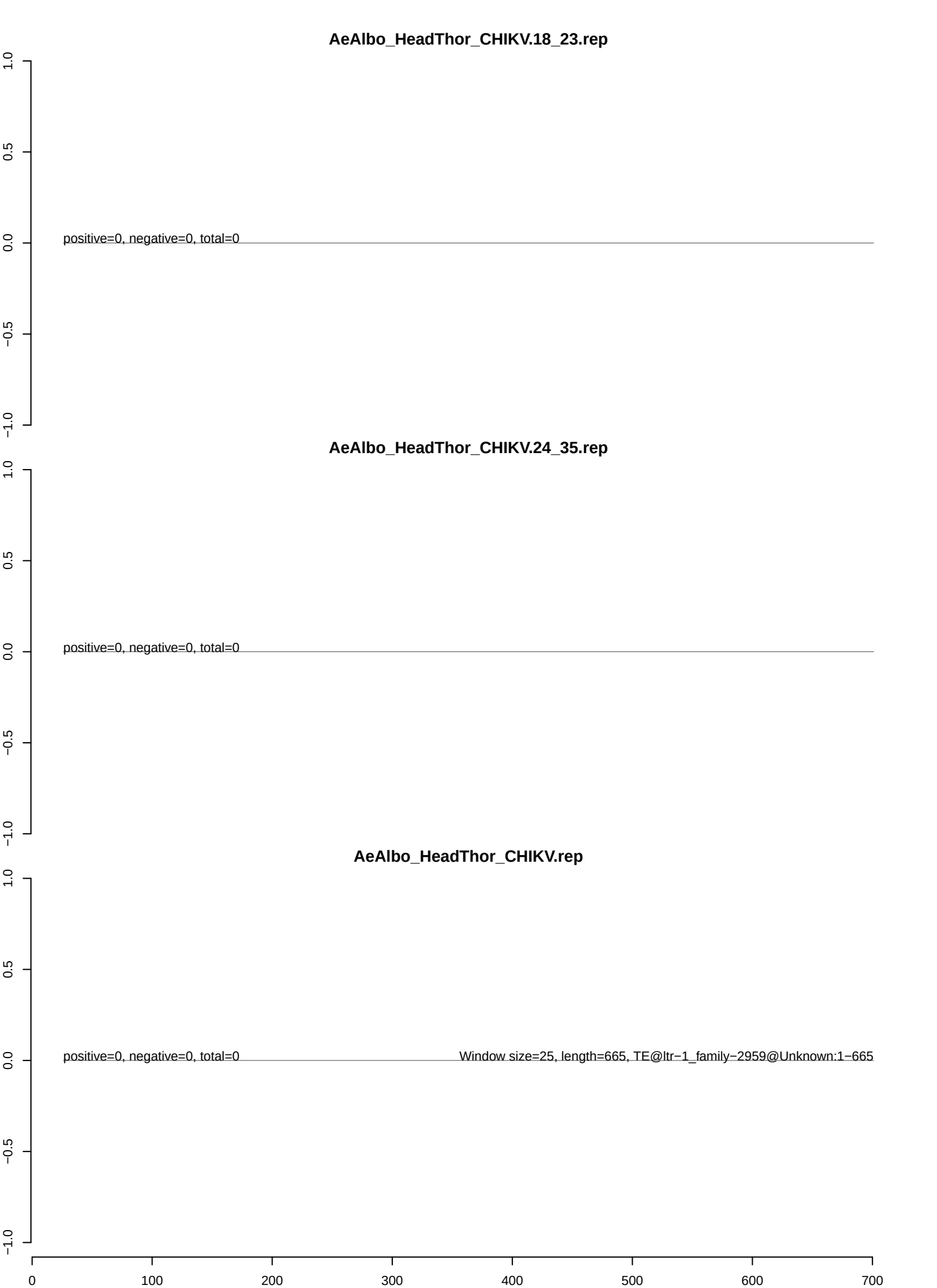
0.5
0.0
−0.5
−1.0
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=550, TE@ltr−1_family−735@Unknown:1−550
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=701, TE@ltr−1_family−5836@Unknown:1−701
0
200
400
600


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=715, TE@ltr−1_family−578@LTR_Pao:1−715
0
200
400
600


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=665, TE@ltr−1_family−2959@Unknown:1−665
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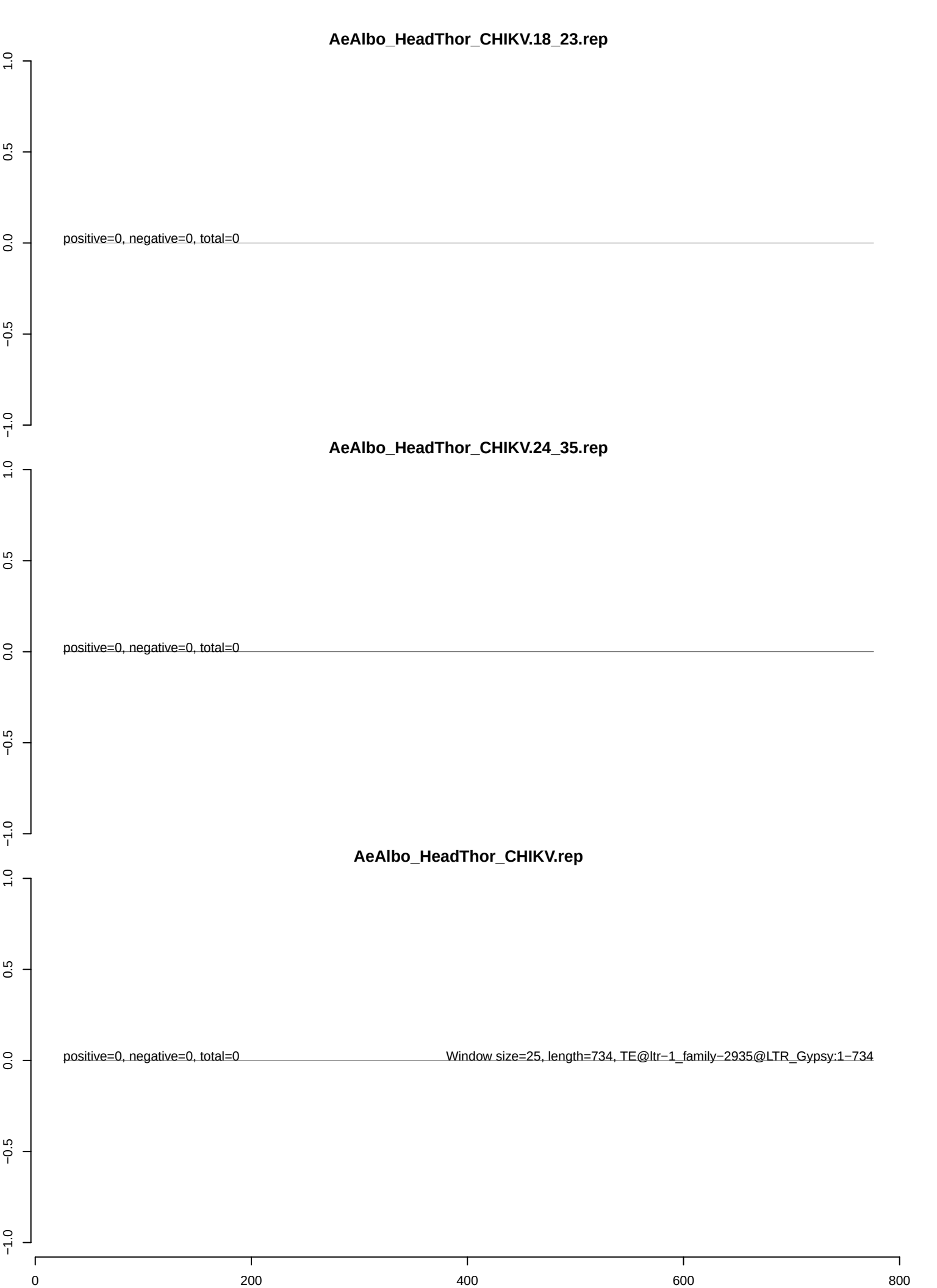
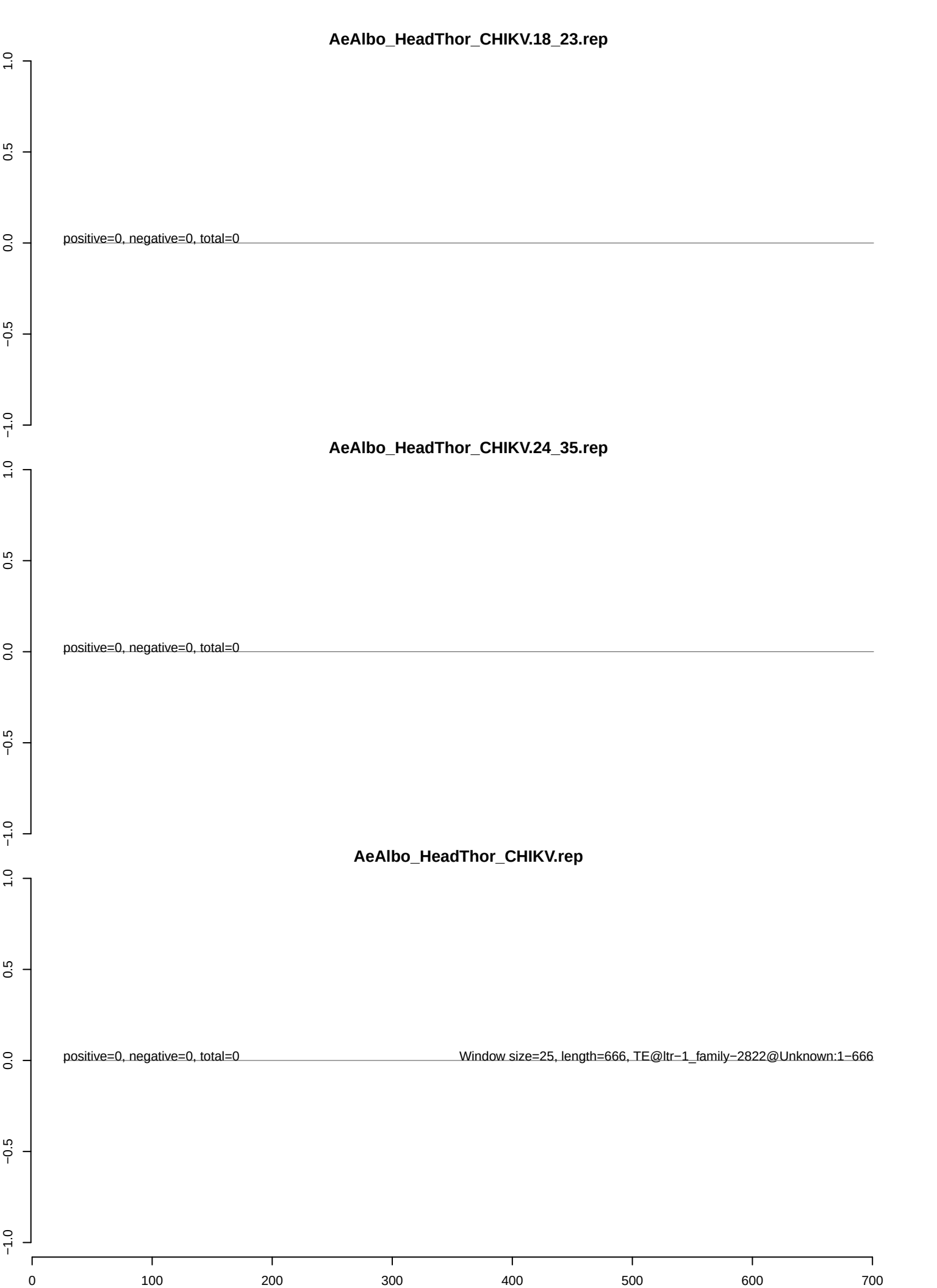
−0.5
−1.0
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=734, TE@ltr−1_family−2935@LTR_Gypsy:1−734
0
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=666, TE@ltr−1_family−2822@Unknown:1−666
1.0
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0.0
−0.5
−1.0
0
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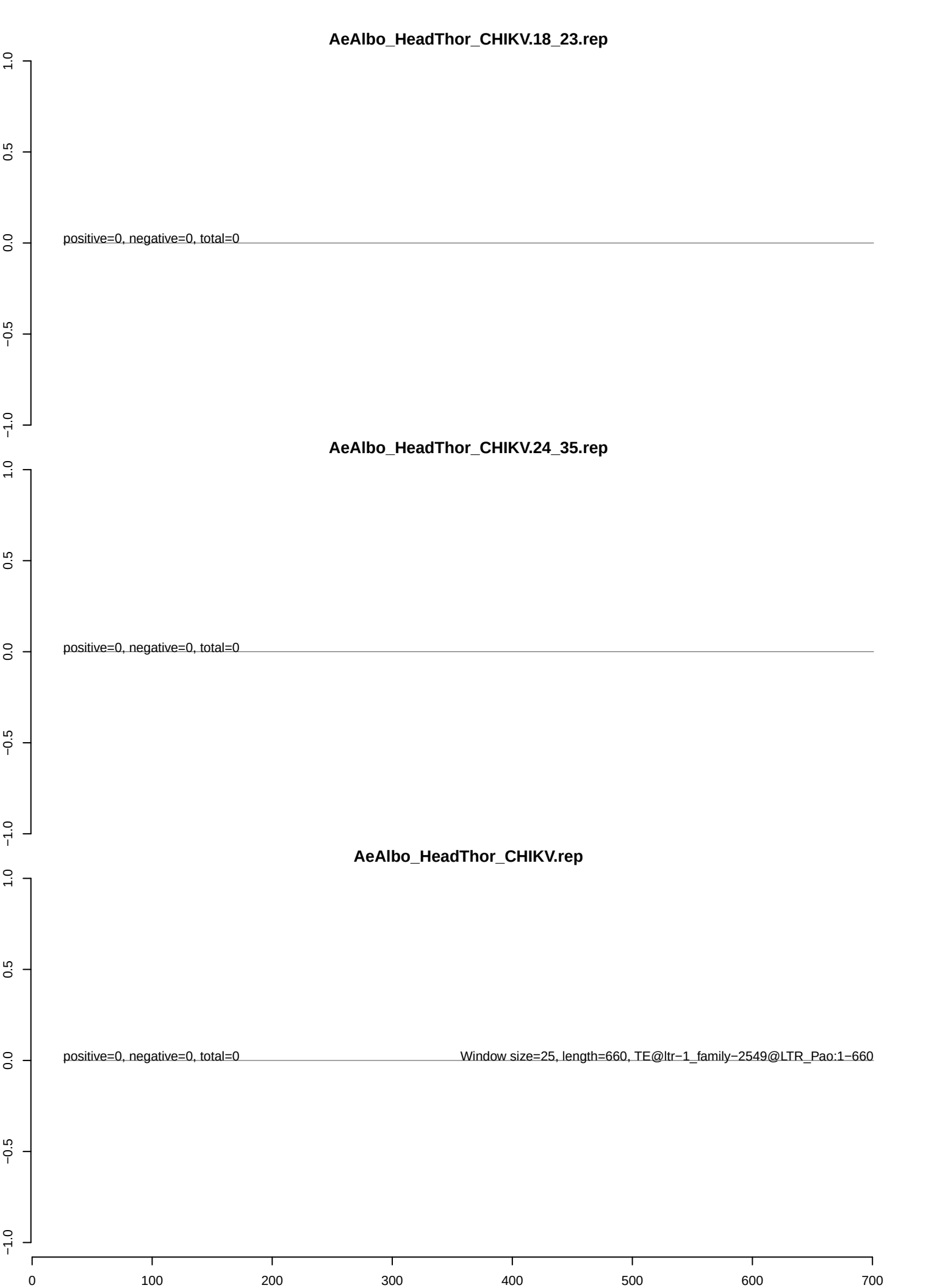
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=660, TE@ltr−1_family−2549@LTR_Pao:1−660
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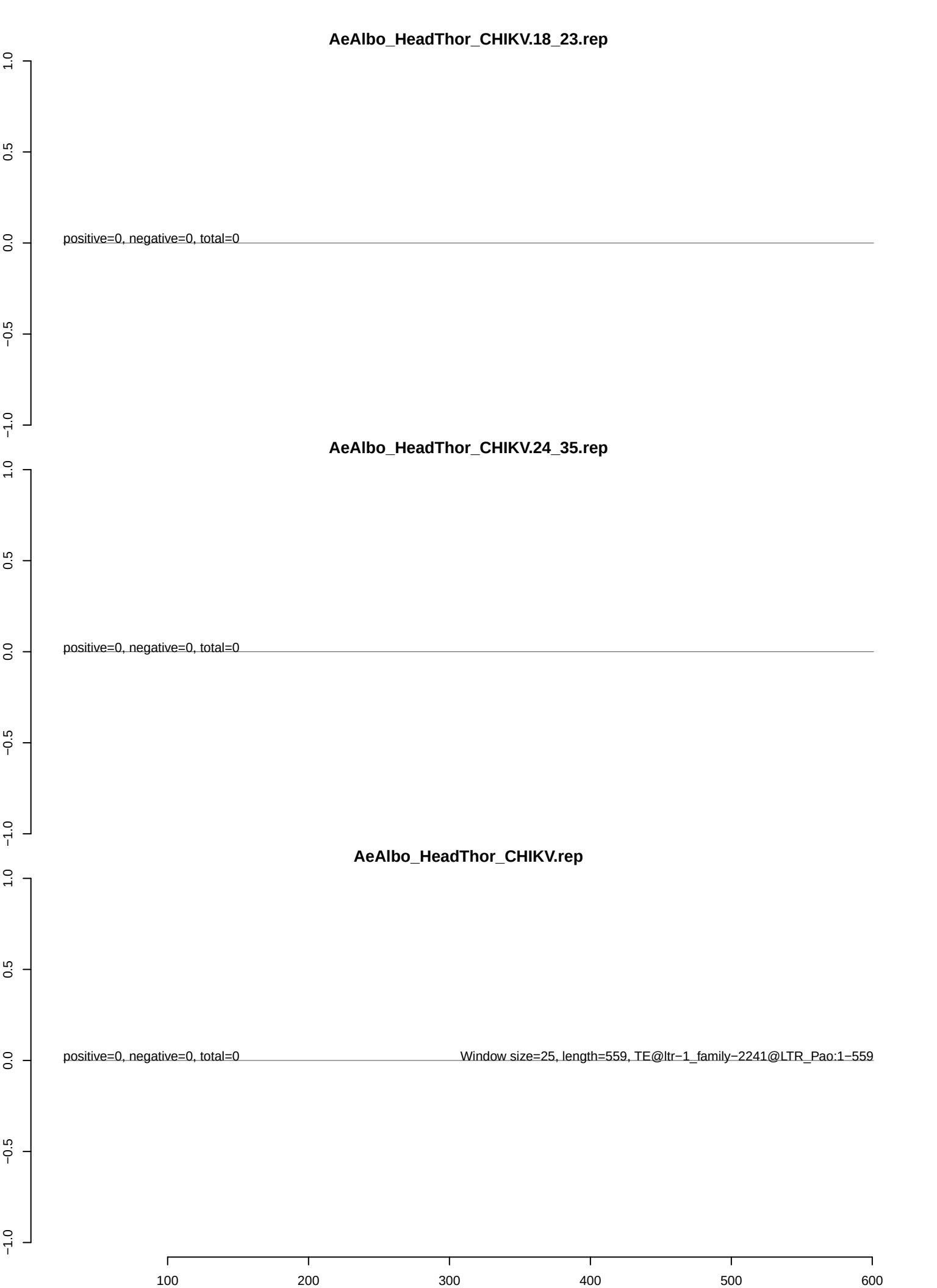
0.5
0.0
−0.5
−1.0
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=559, TE@ltr−1_family−2241@LTR_Pao:1−559
1.0
0.5
0.0
−0.5
−1.0
100
200
300
400
500
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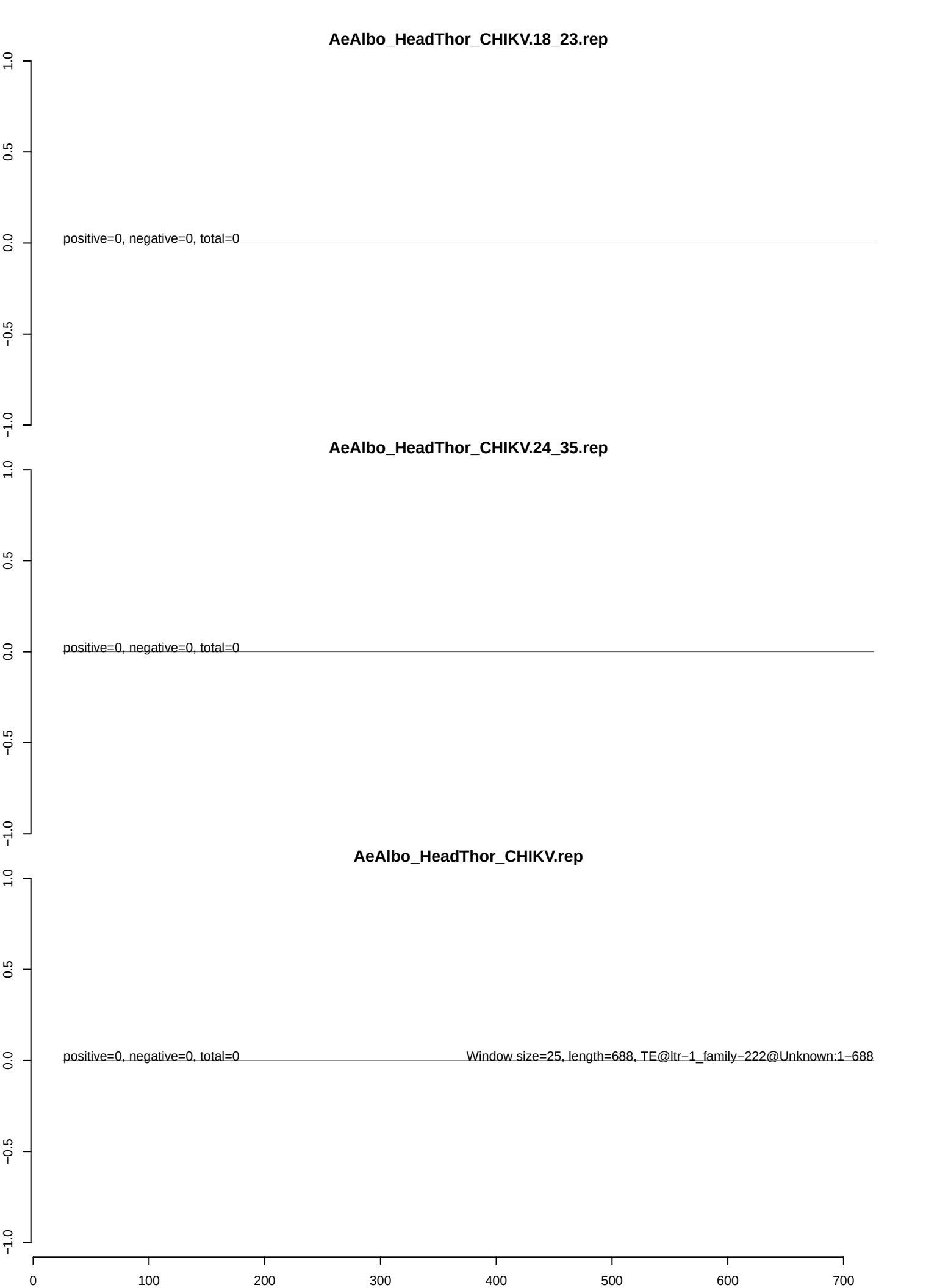
AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=688, TE@ltr−1_family−222@Unknown:1−688
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0.0
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−1.0
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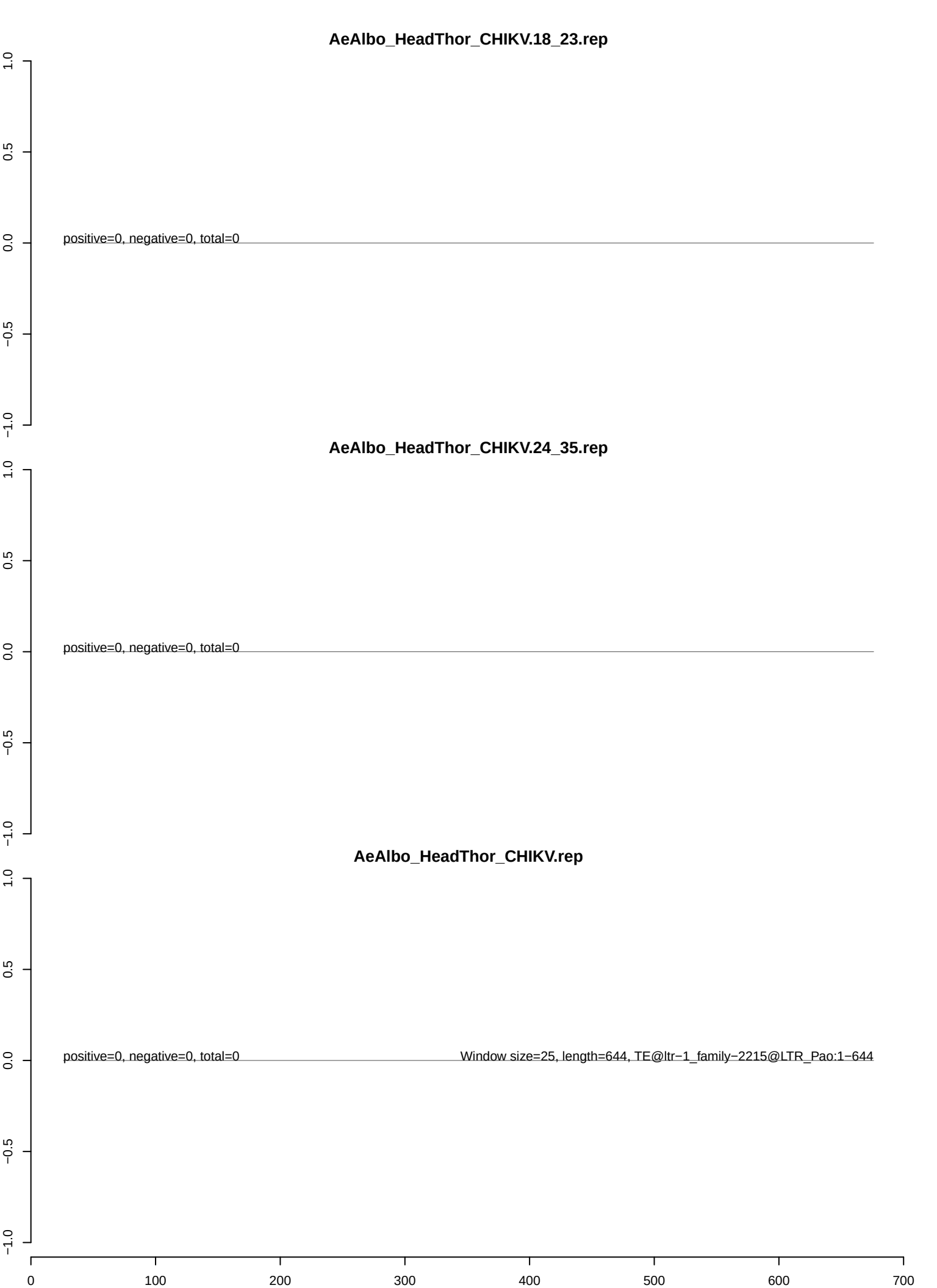
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=644, TE@ltr−1_family−2215@LTR_Pao:1−644
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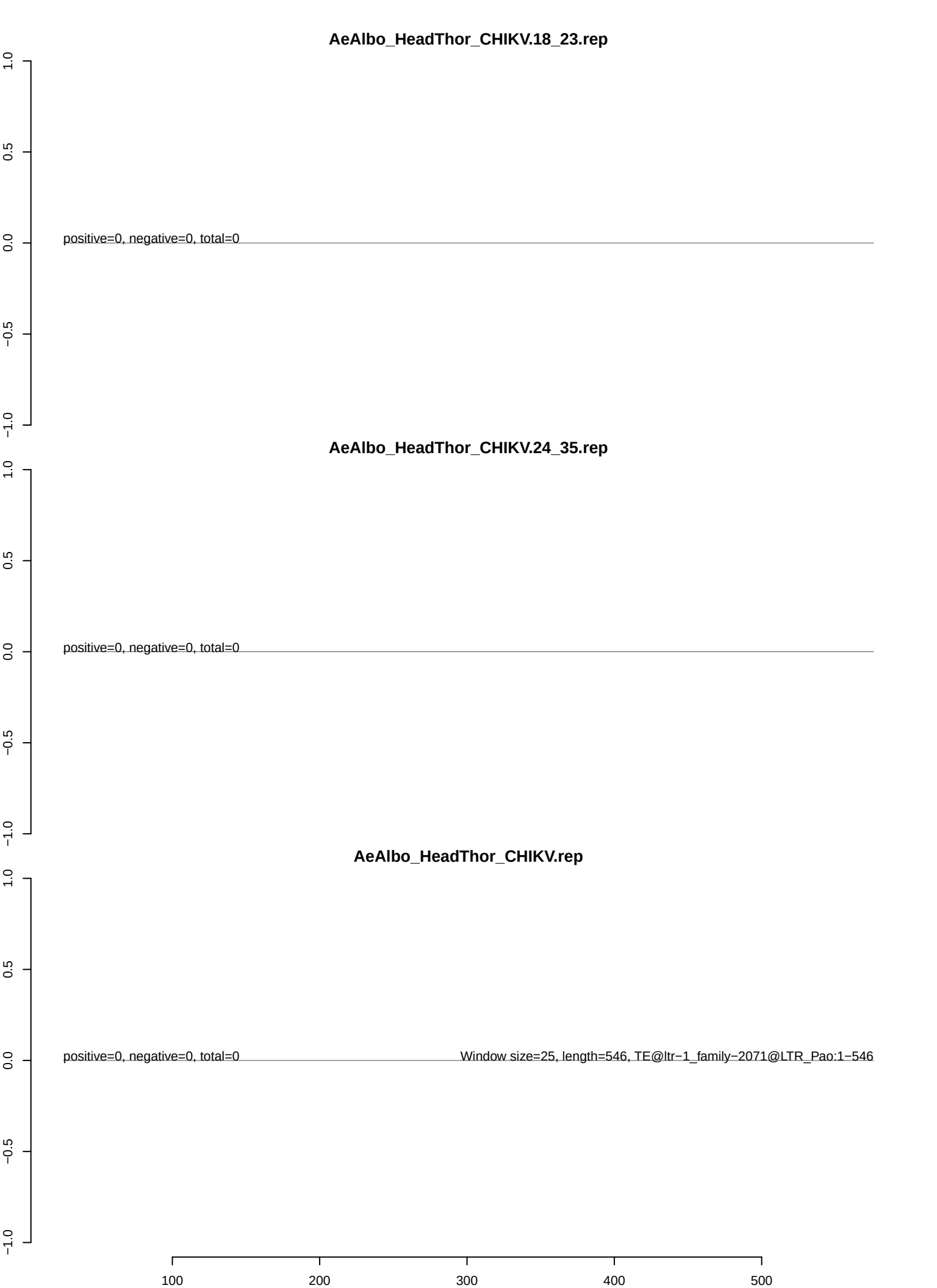
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=546, TE@ltr−1_family−2071@LTR_Pao:1−546
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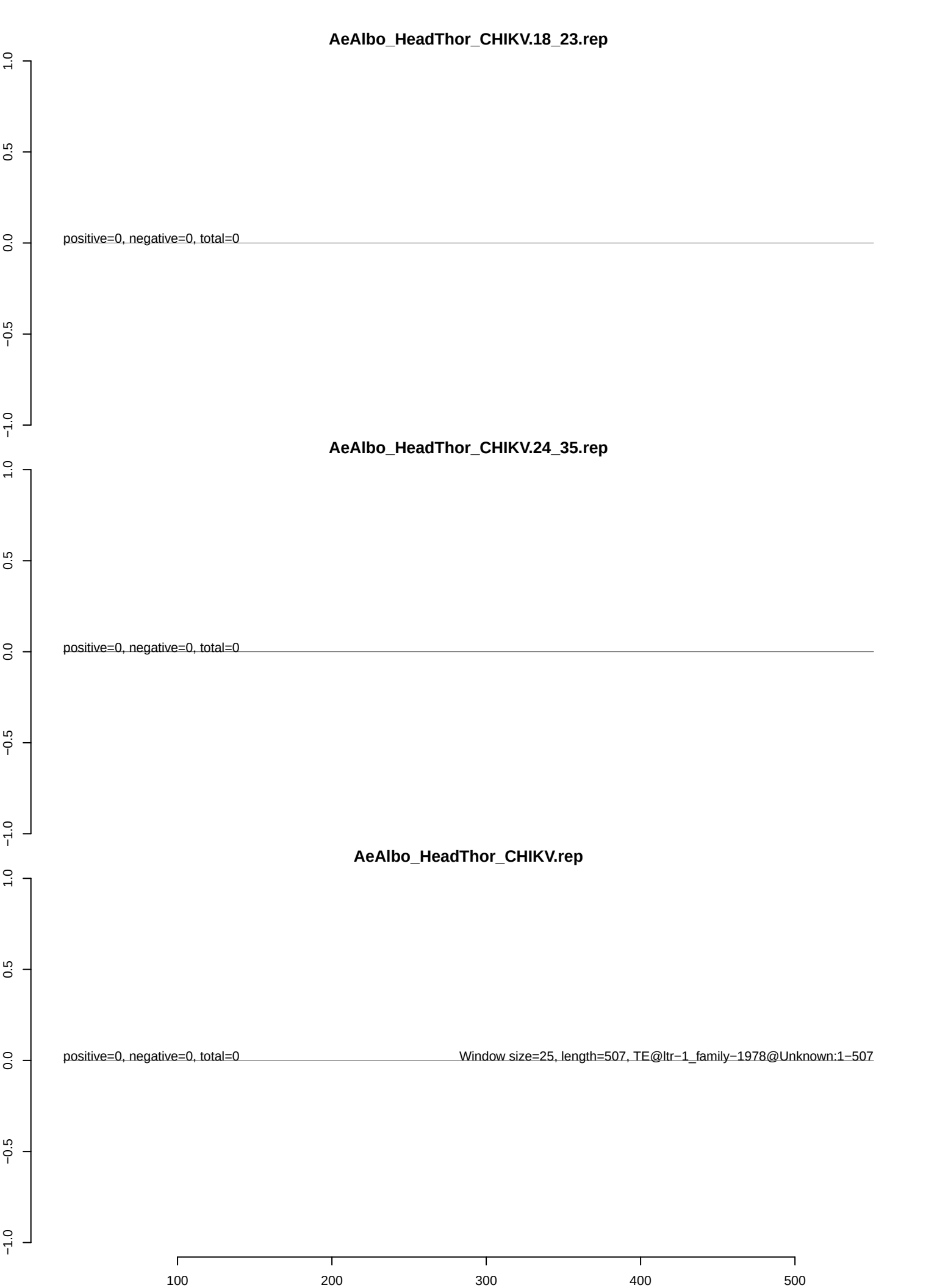
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=507, TE@ltr−1_family−1978@Unknown:1−507
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0.5
0.0
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−1.0
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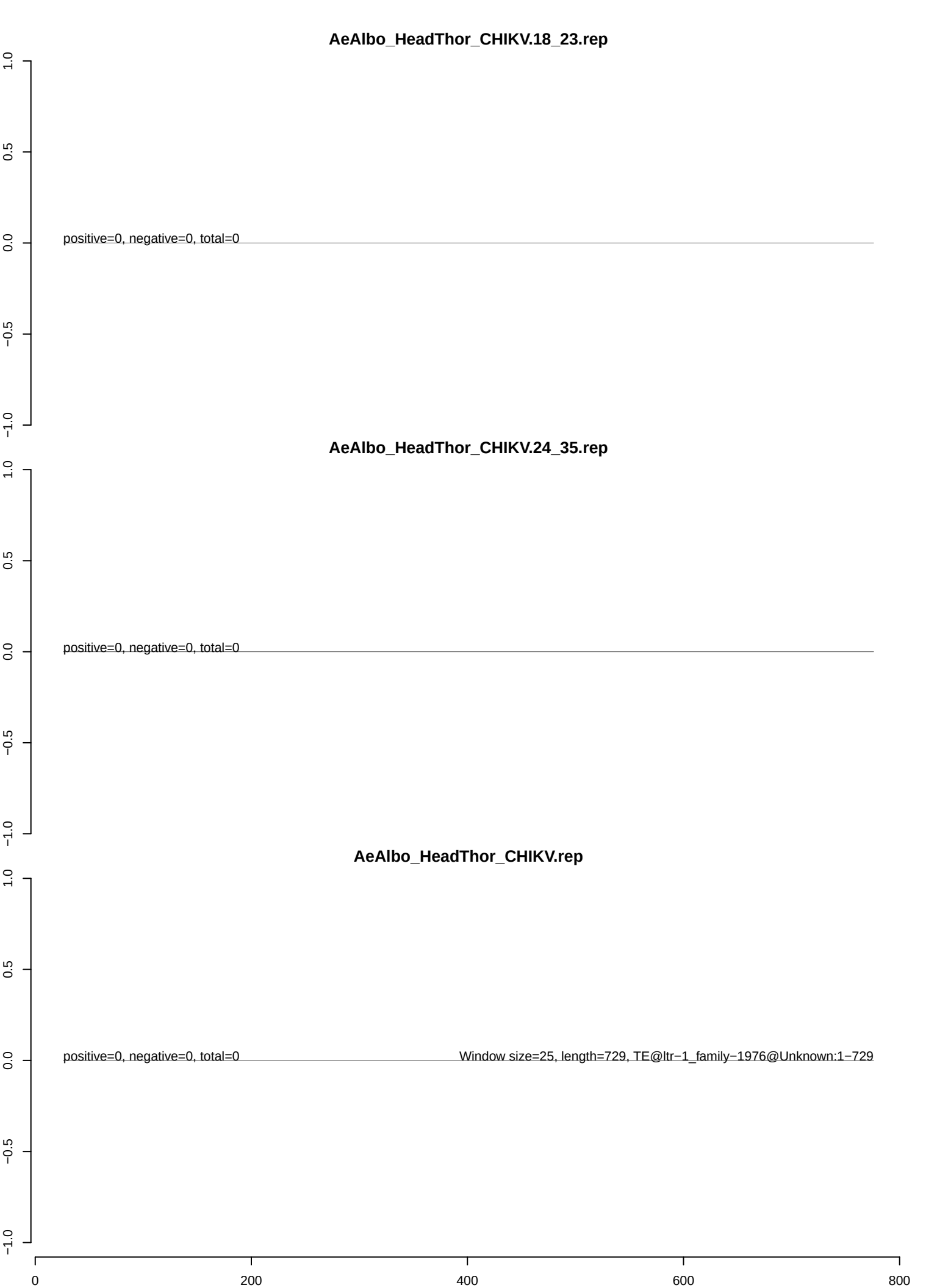
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=729, TE@ltr−1_family−1976@Unknown:1−729
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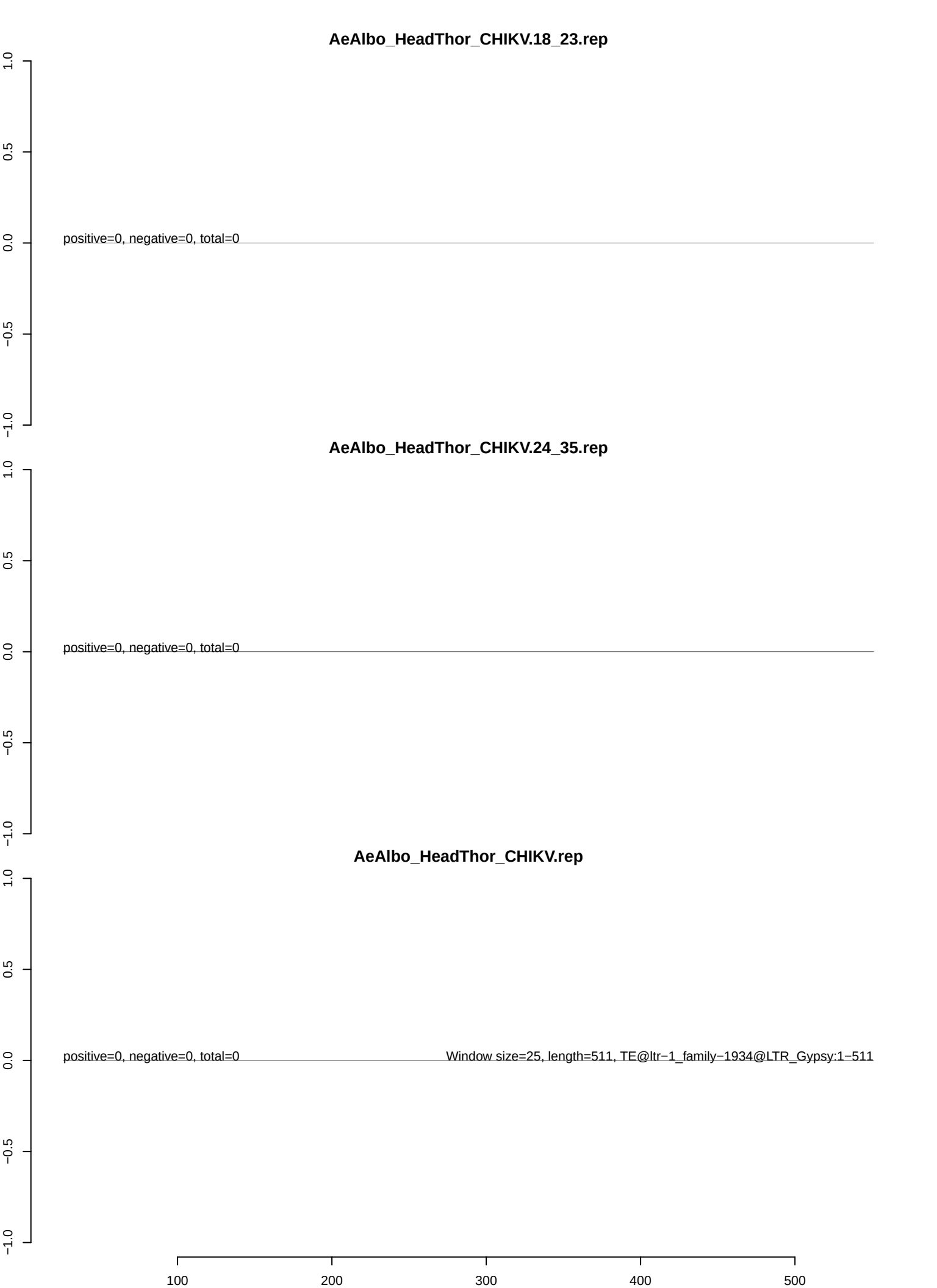
200
400
600
800


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=511, TE@ltr−1_family−1934@LTR_Gypsy:1−511
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200
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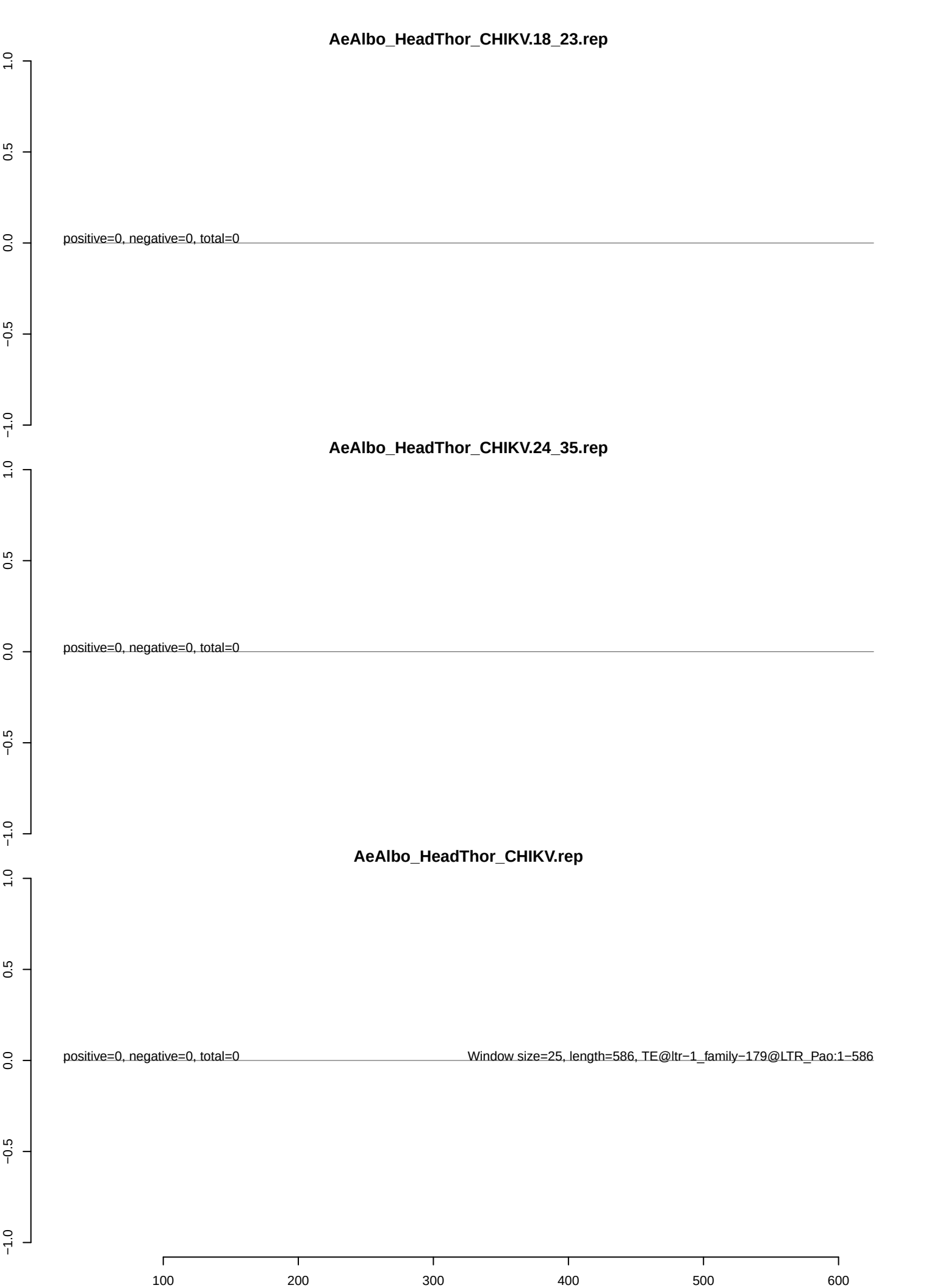
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=586, TE@ltr−1_family−179@LTR_Pao:1−586
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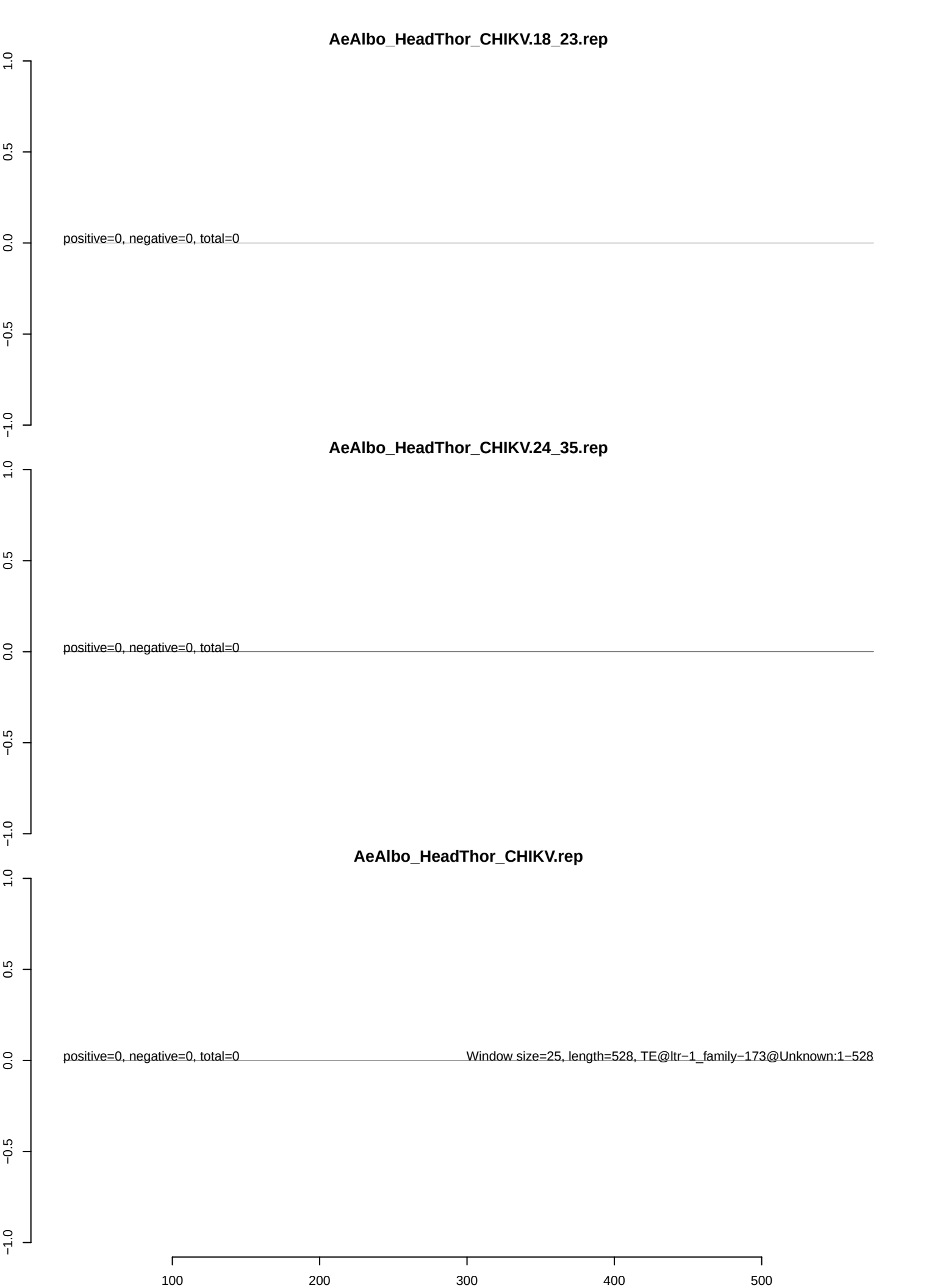
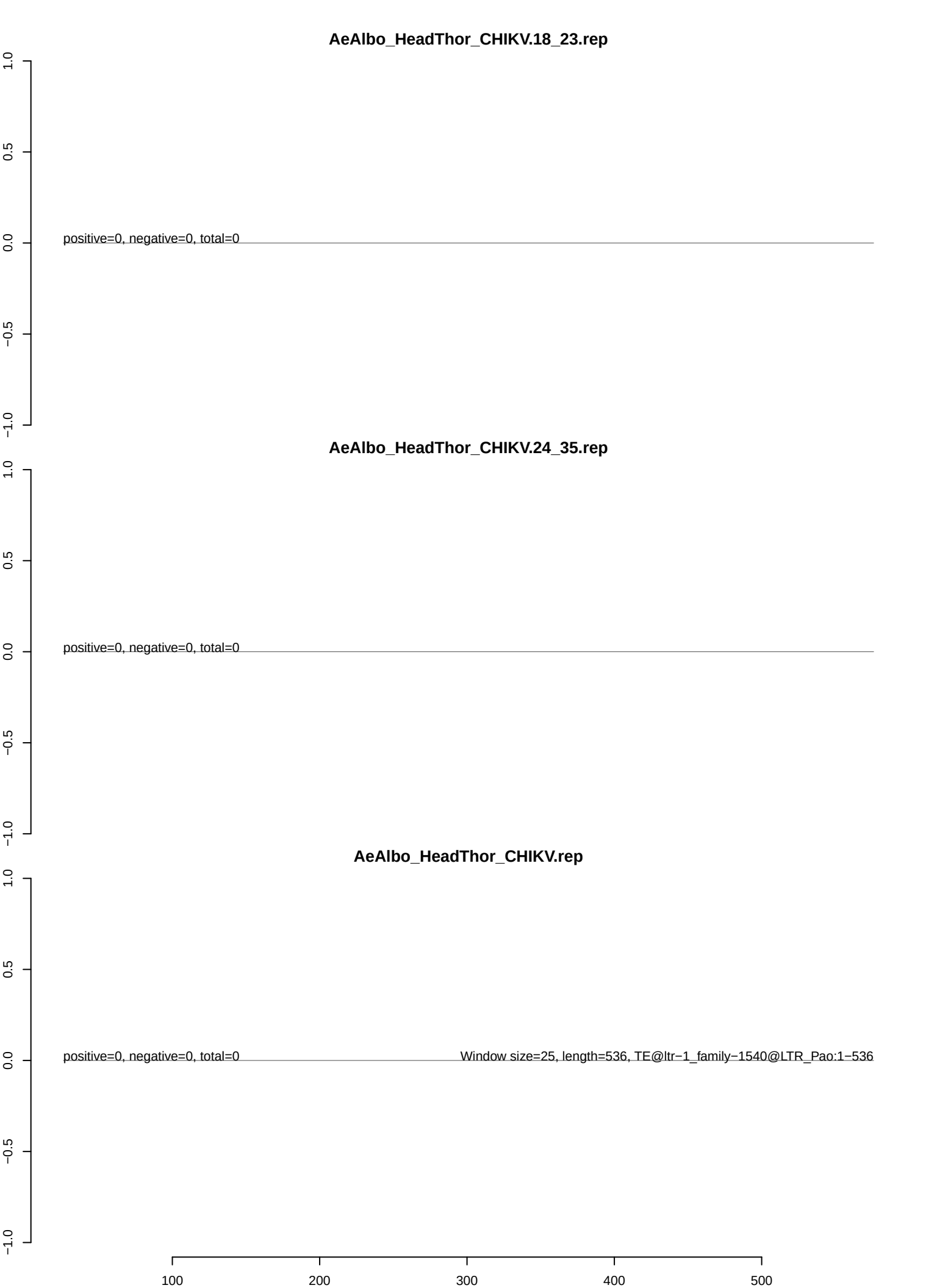
0.0
−0.5
−1.0
100
200
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=528, TE@ltr−1_family−173@Unknown:1−528
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
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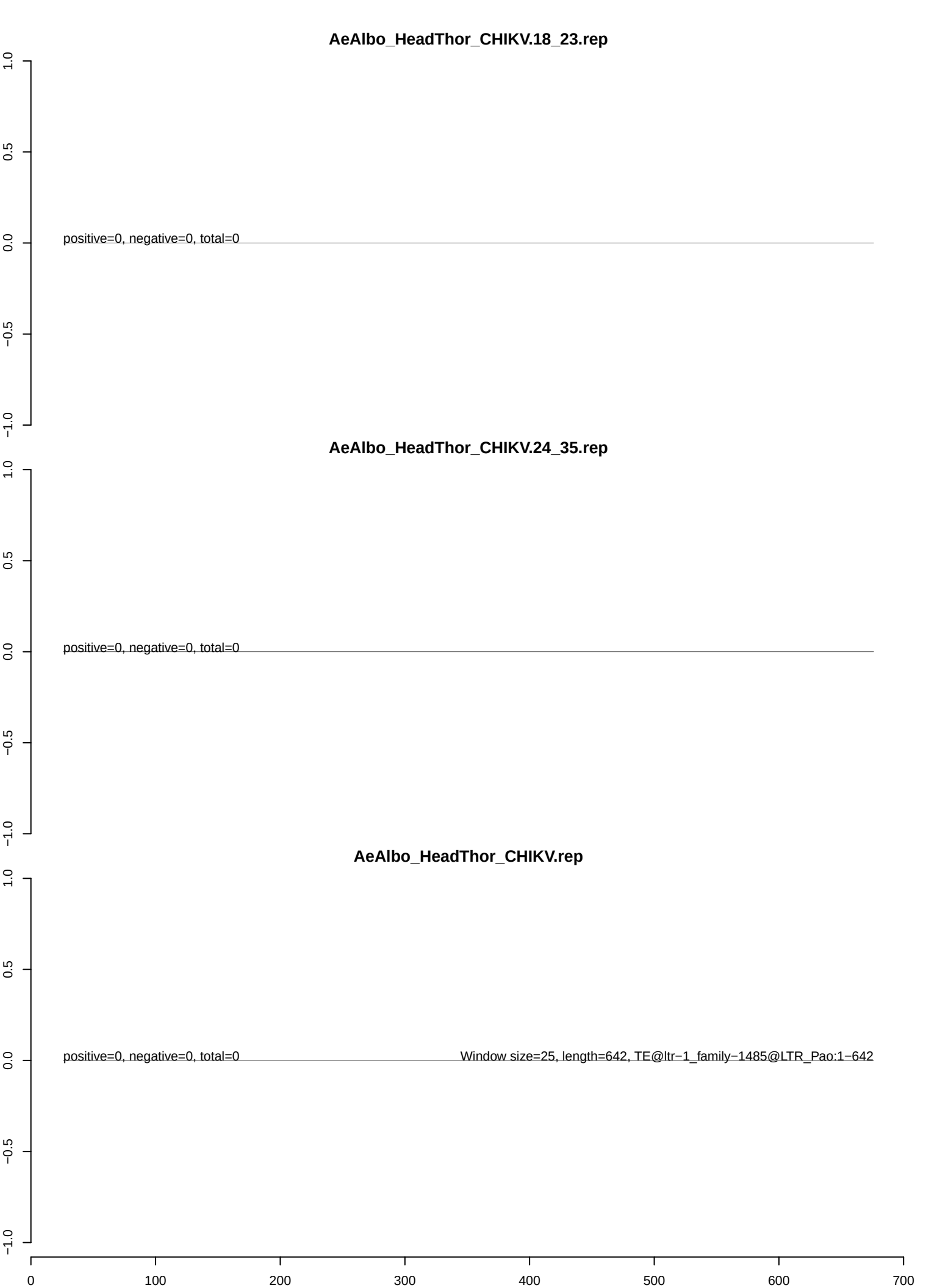
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
1.0
0.5
0.0
−0.5
−1.0
positive=0, negative=0, total=0
Window size=25, length=536, TE@ltr−1_family−1540@LTR_Pao:1−536
100
200
300
400
500


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=642, TE@ltr−1_family−1485@LTR_Pao:1−642
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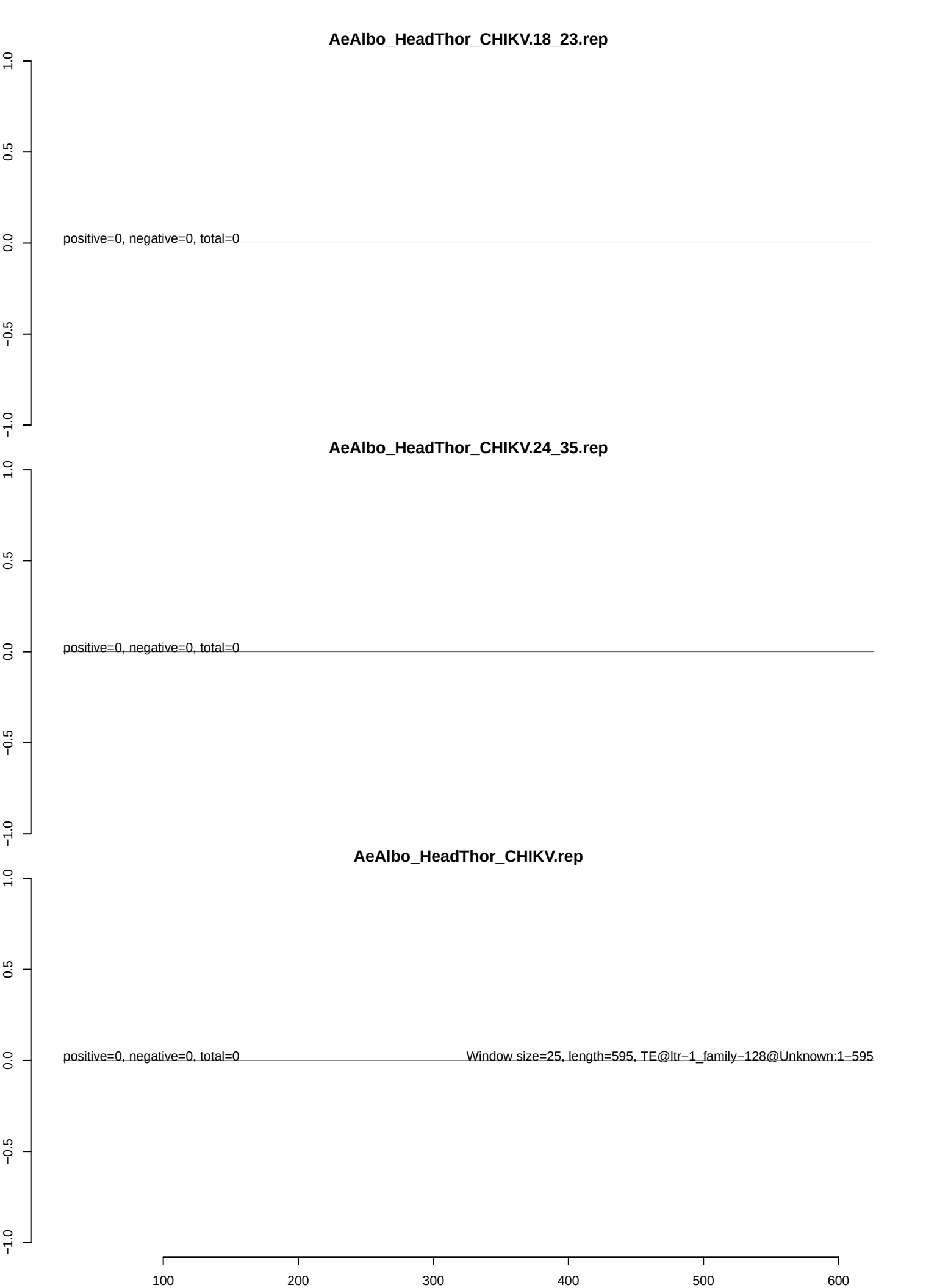
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=595, TE@ltr−1_family−128@Unknown:1−595
1.0
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0.0
−0.5
−1.0
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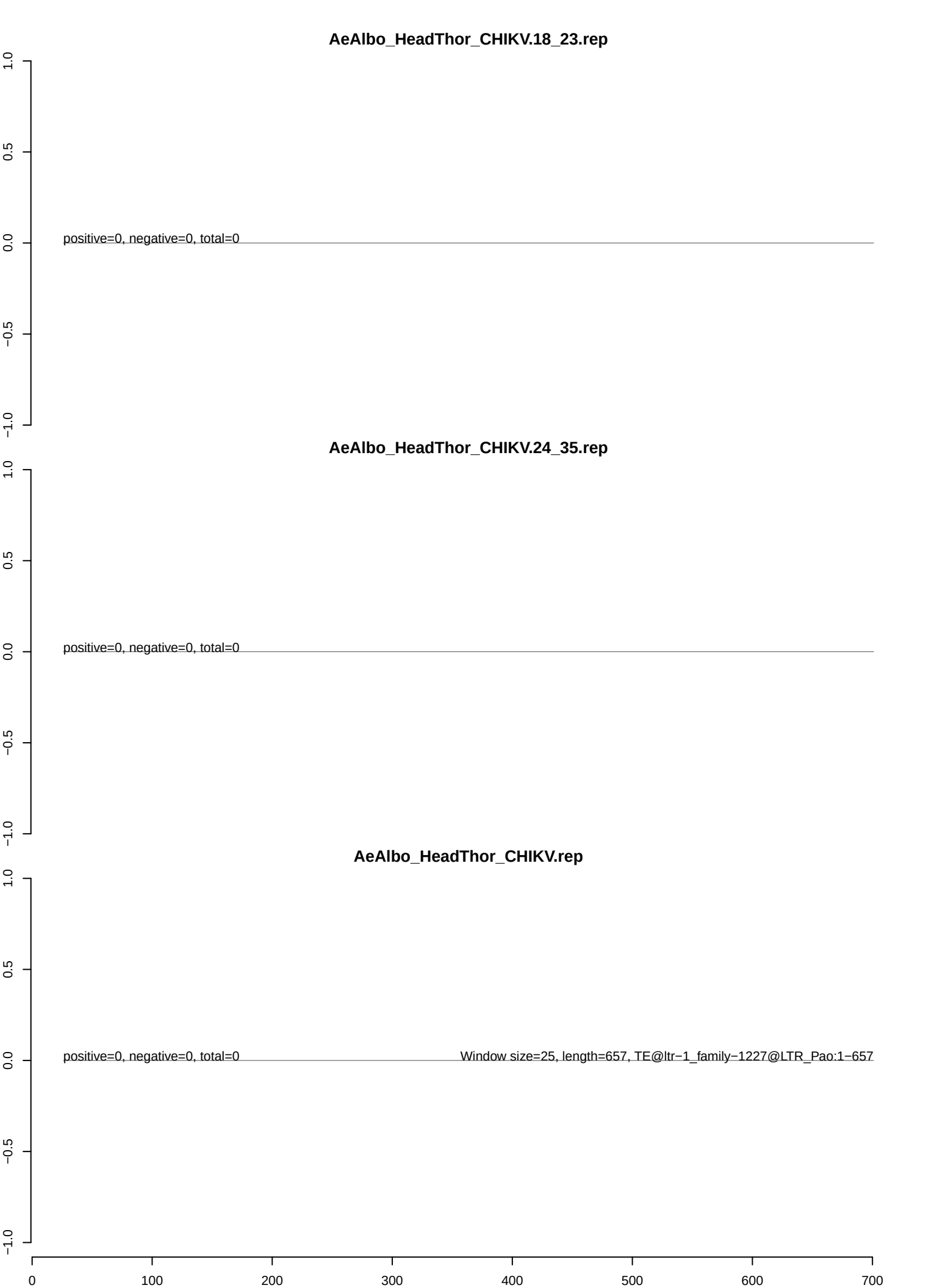
300
400
500
600


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=657, TE@ltr−1_family−1227@LTR_Pao:1−657
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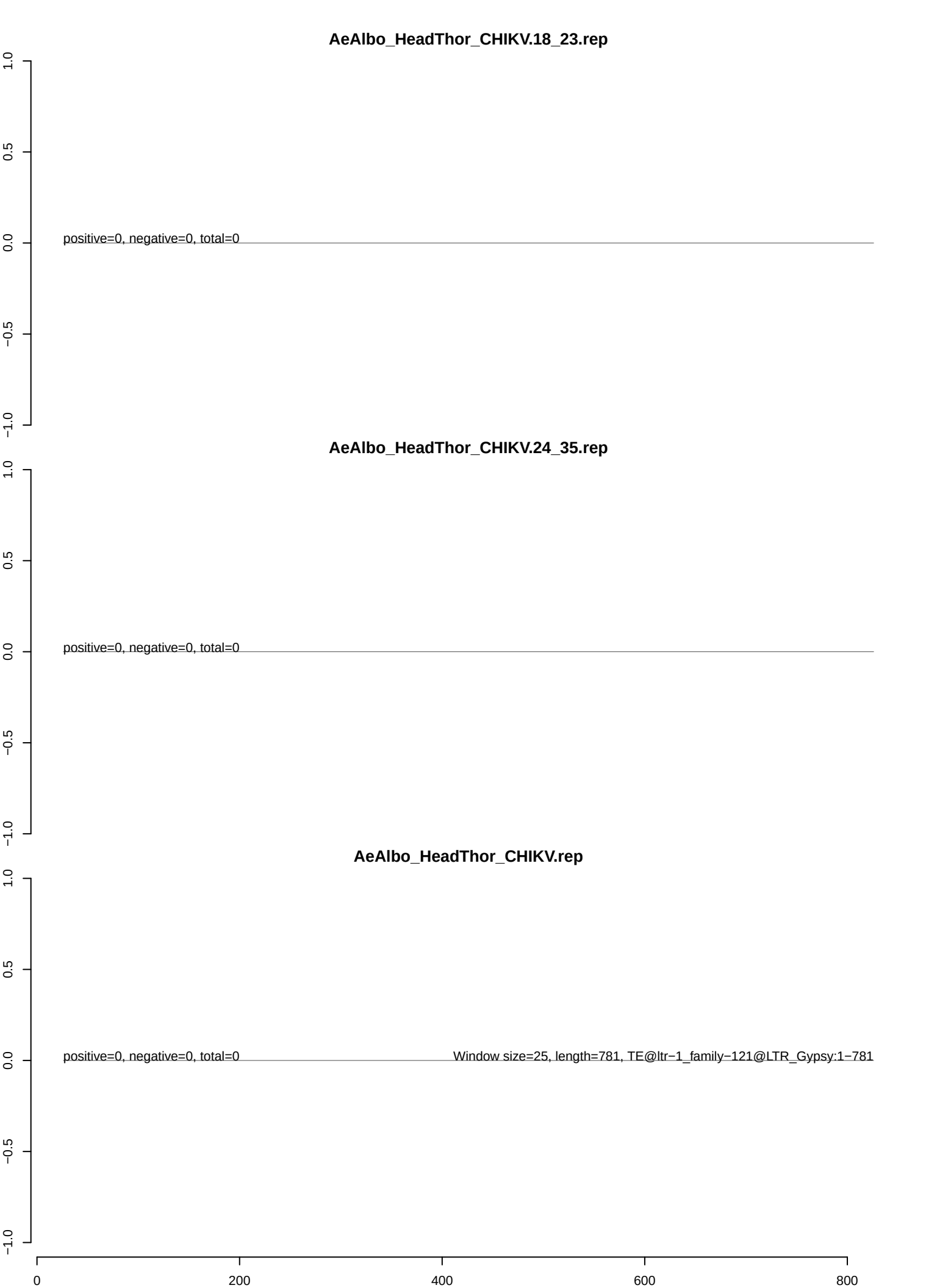
0.0
−0.5
−1.0
0
100
200
300
400
500
600
700


AeAlbo_HeadThor_CHIKV.18_23.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.24_35.rep
positive=0, negative=0, total=0
AeAlbo_HeadThor_CHIKV.rep
positive=0, negative=0, total=0
Window size=25, length=781, TE@ltr−1_family−121@LTR_Gypsy:1−781
1.0
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0.0
−0.5
−1.0
0
200
400
600
800