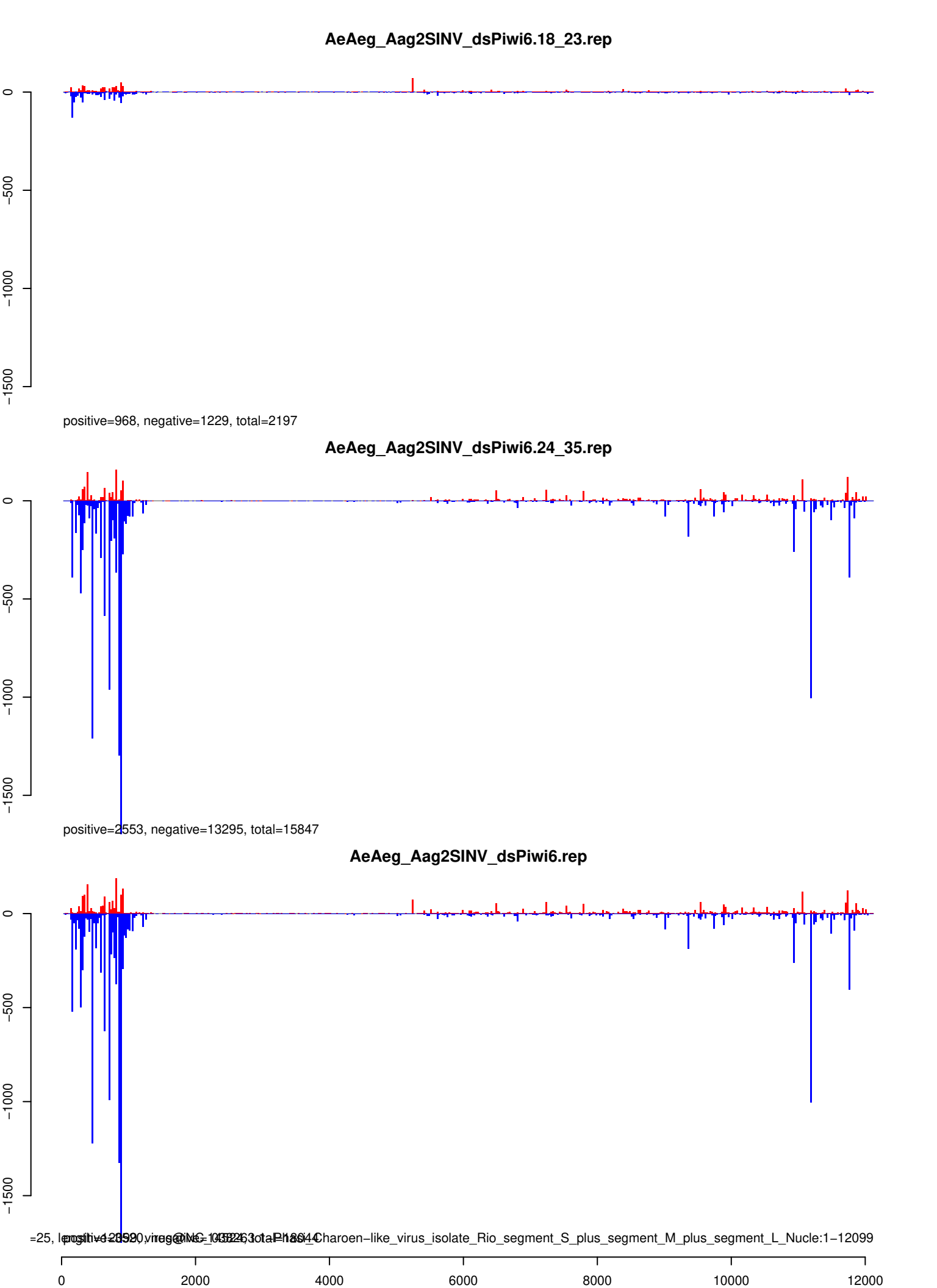
AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
−500
−1000
−1500
positive=968, negative=1229, total=2197
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
−500
−1000
−1500
positive=2553, negative=13295, total=15847
AeAeg_Aag2SINV_dsPiwi6.rep
0
−500
−1000
−1500
0
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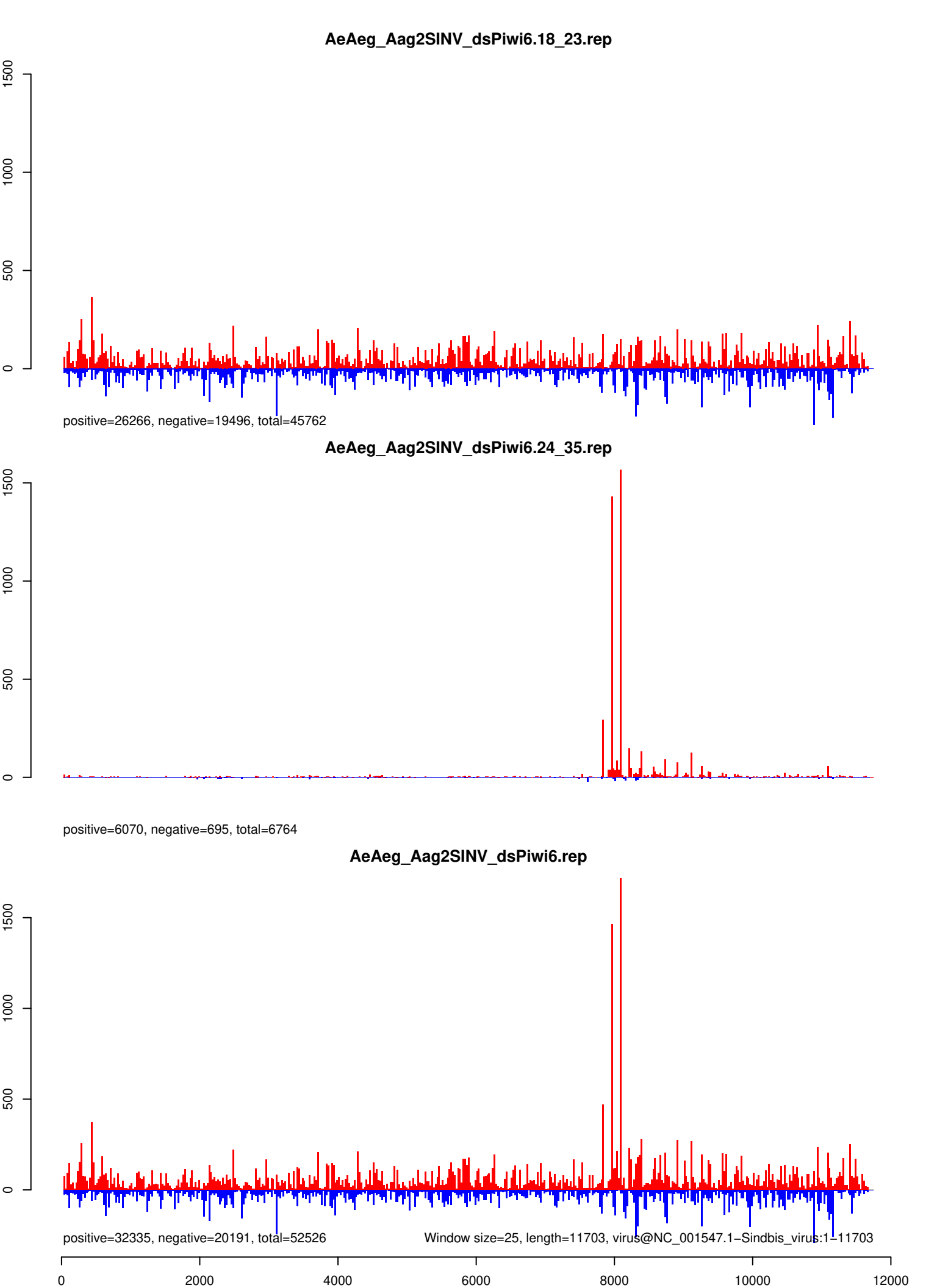
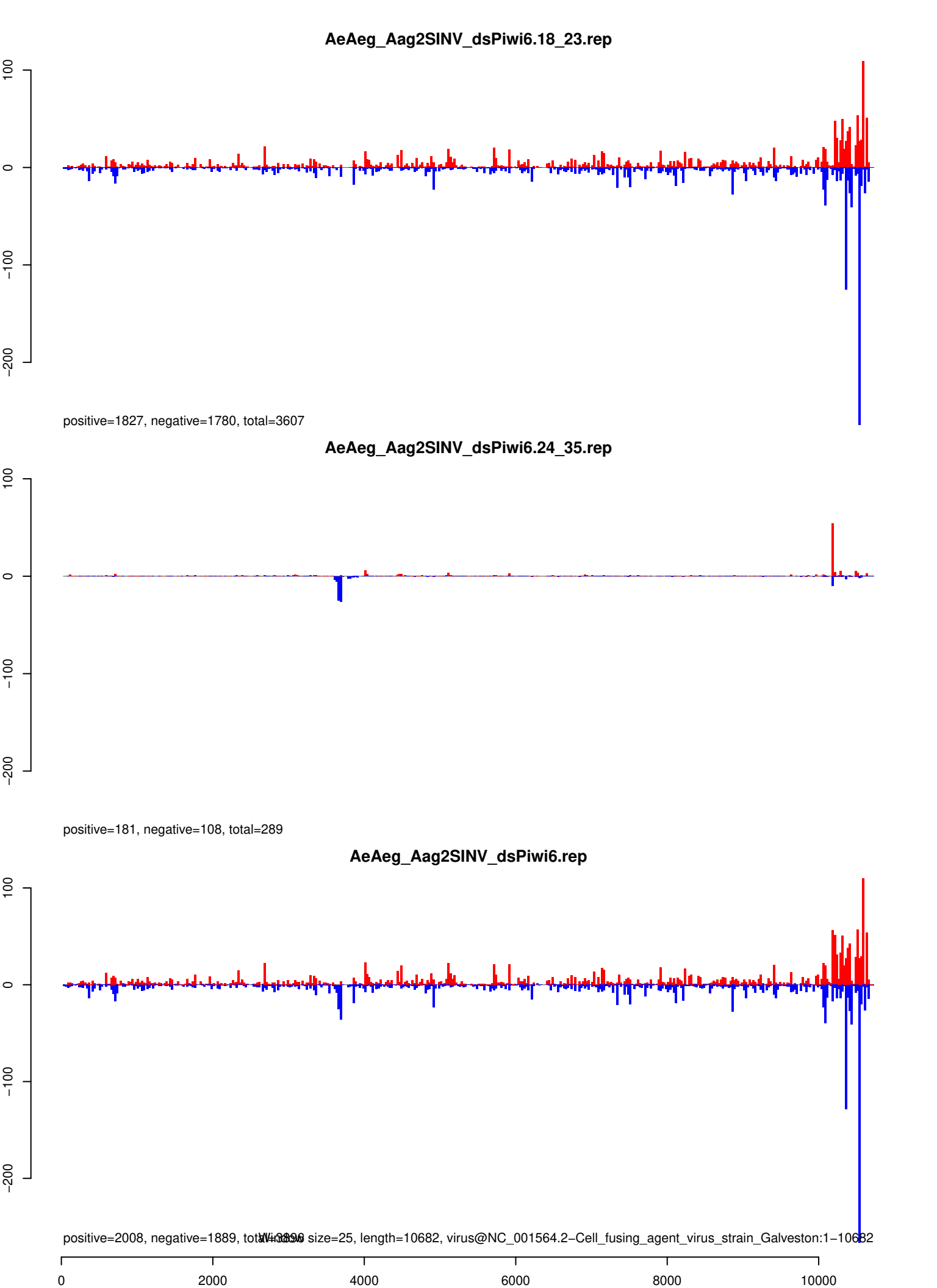
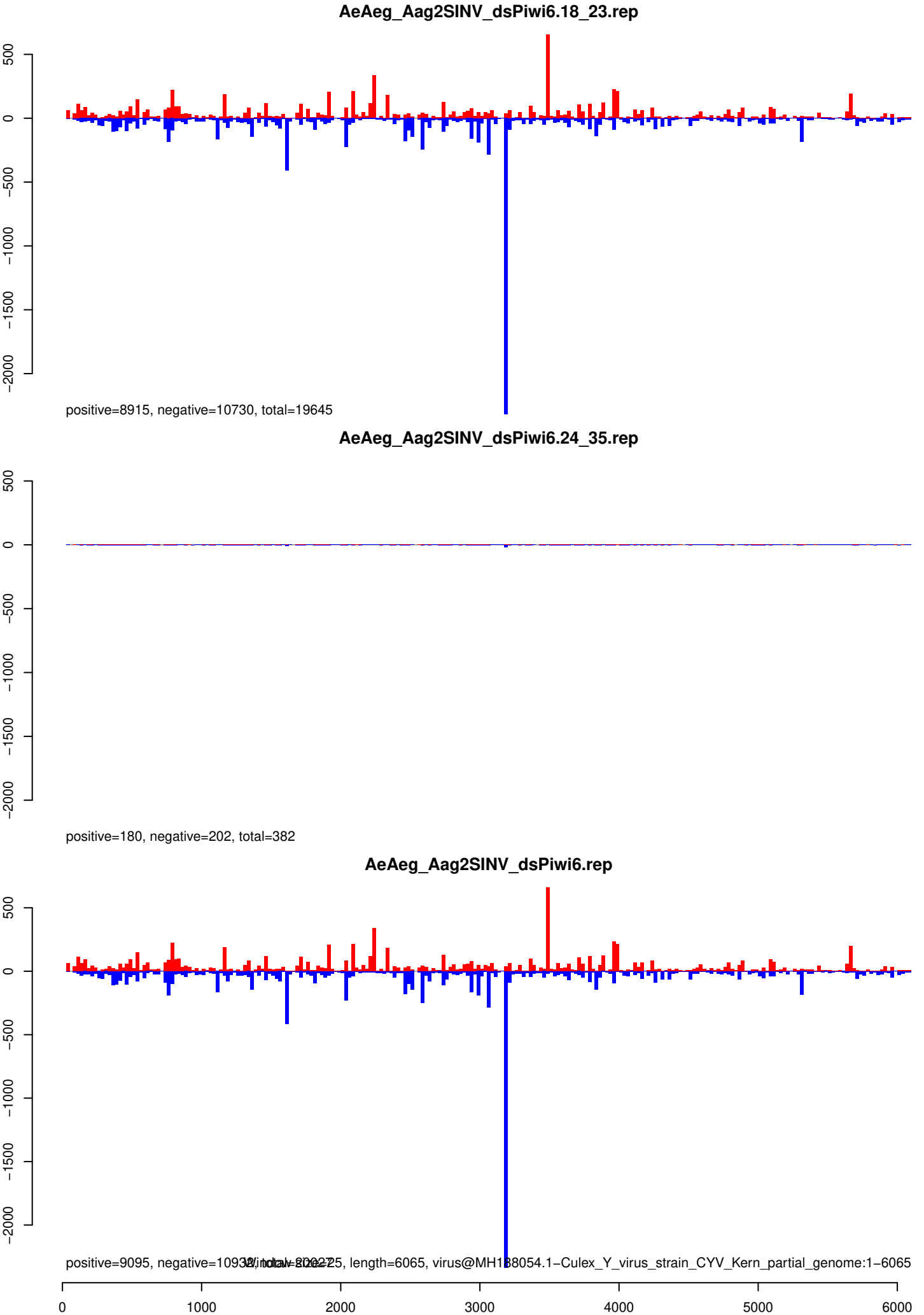
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
1500
1000
500
0
positive=26266, negative=19496, total=45762
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
1500
1000
500
0
positive=6070, negative=695, total=6764
AeAeg_Aag2SINV_dsPiwi6.rep
1500
1000
500
0
positive=32335, negative=20191, total=52526
Window size=25, length=11703, virus@NC_001547.1–Sindbis_virus:1–11703
0
2000
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
100
0
−100
−200
positive=1827, negative=1780, total=3607
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
100
0
−100
−200
positive=181, negative=108, total=289
AeAeg_Aag2SINV_dsPiwi6.rep
100
0
−100
−200
positive=2008, negative=1889, total=3896 size=25, length=10682, virus@NC_001564.2−Cell_fusing_agent_virus_strain_Galveston:1−10682
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
500
0
−500
−1000
−1500
−2000
positive=8915, negative=10730, total=19645
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
500
0
−500
−1000
−1500
−2000
positive=180, negative=202, total=382
AeAeg_Aag2SINV_dsPiwi6.rep
500
0
−500
−1000
−1500
−2000
positive=9095, negative=10932, total=20027
length=6065, virus@MH188054.1−Culex_Y_virus_strain_CYV_Kern_partial_genome:1−6065
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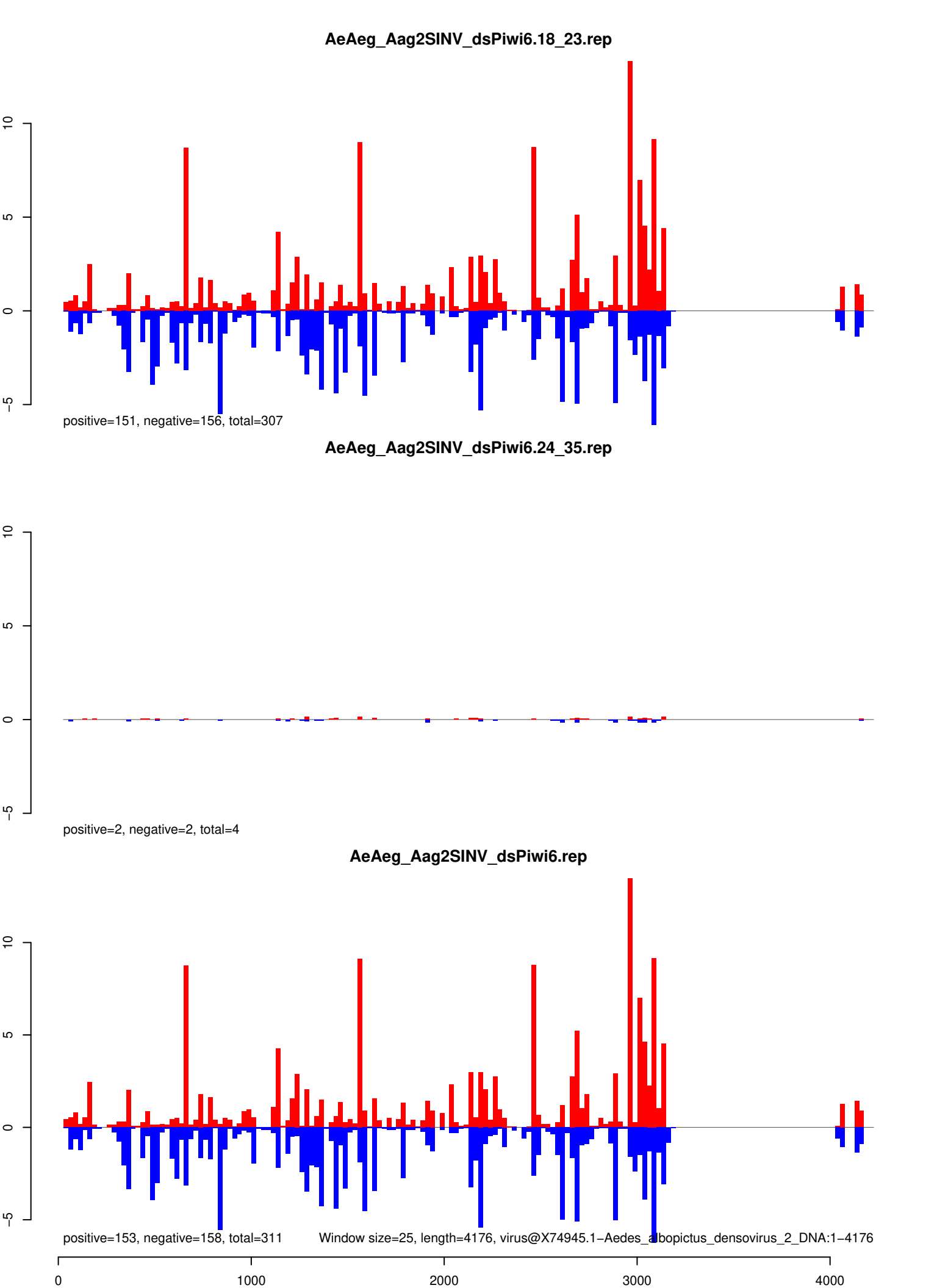
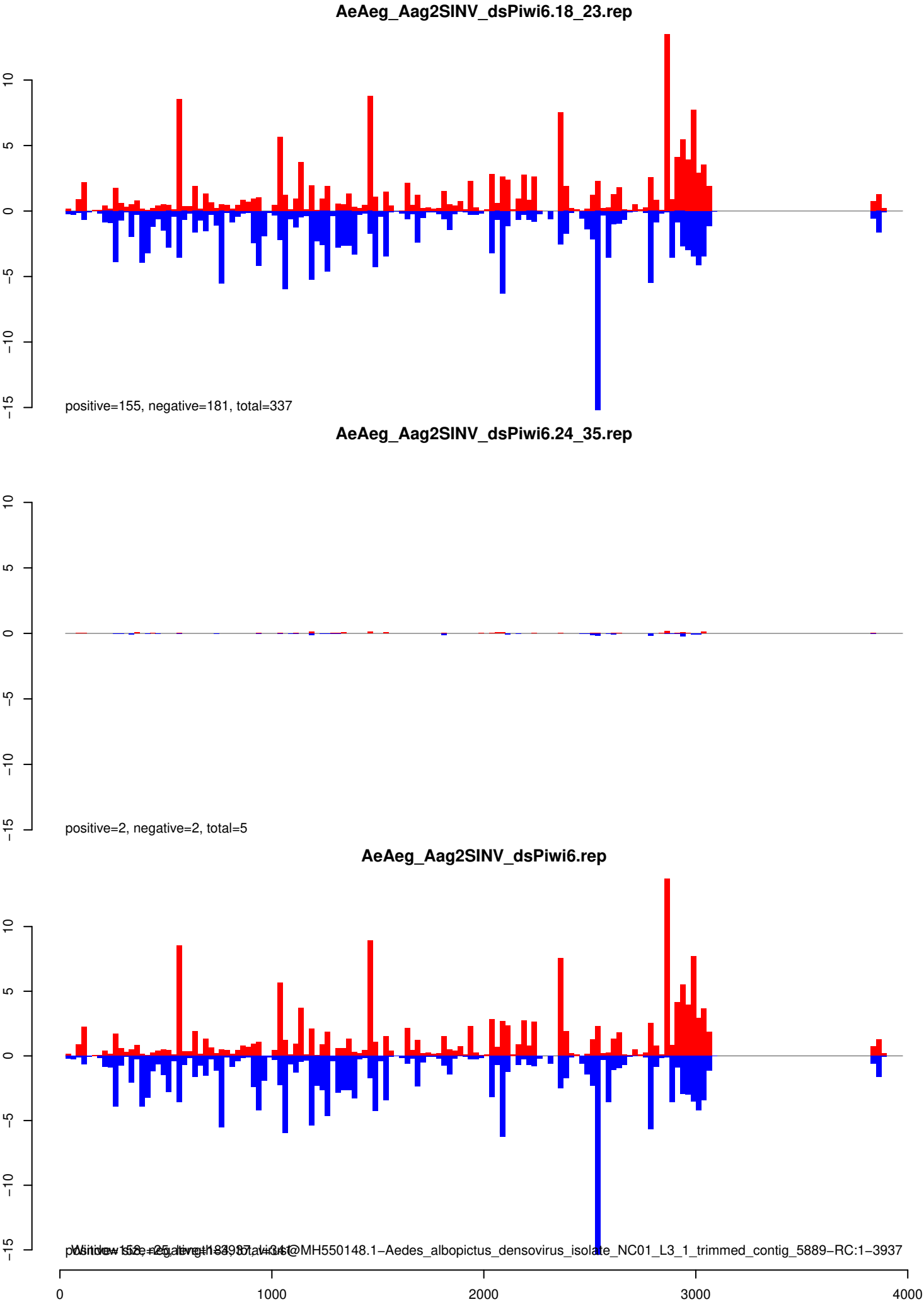
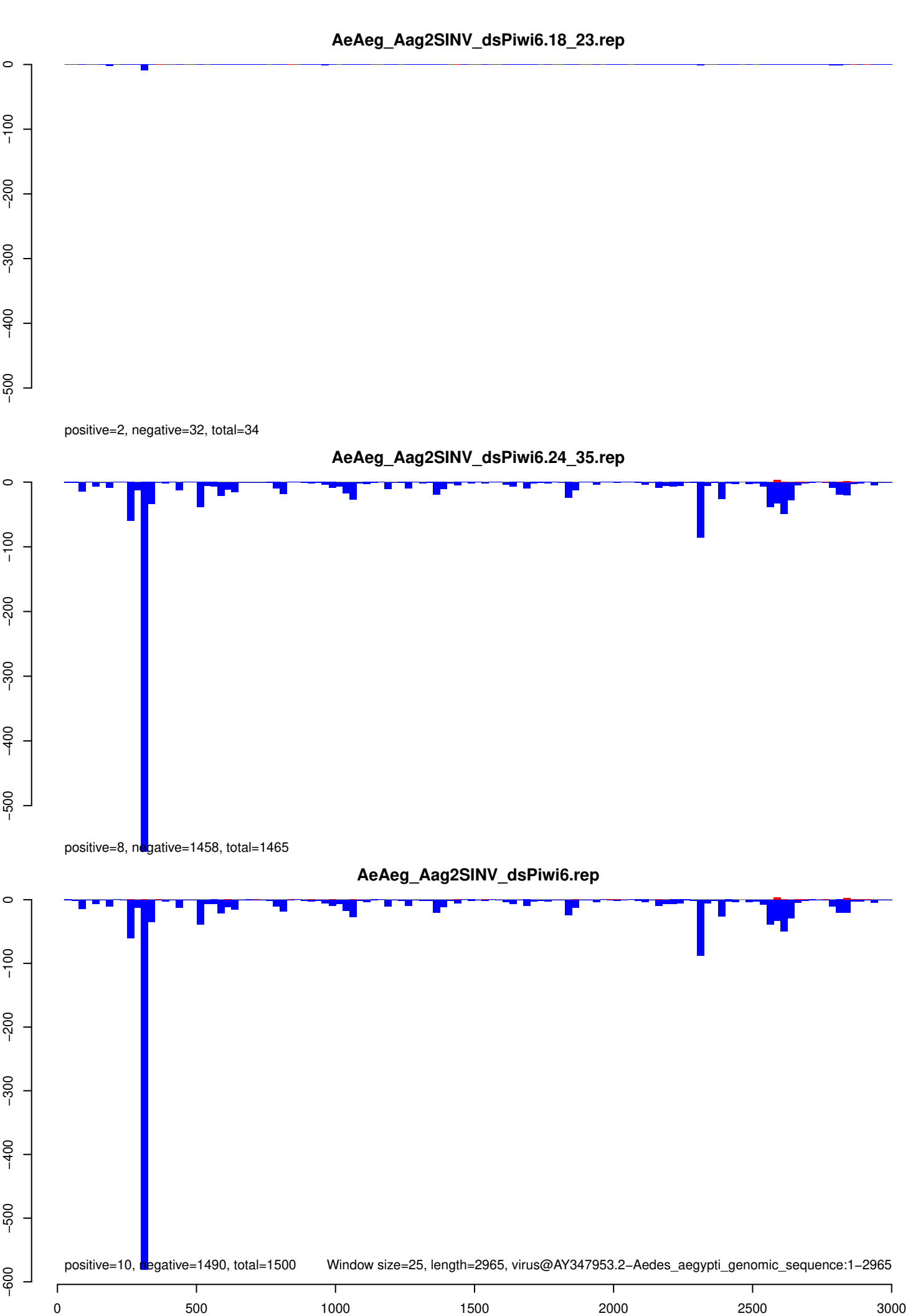
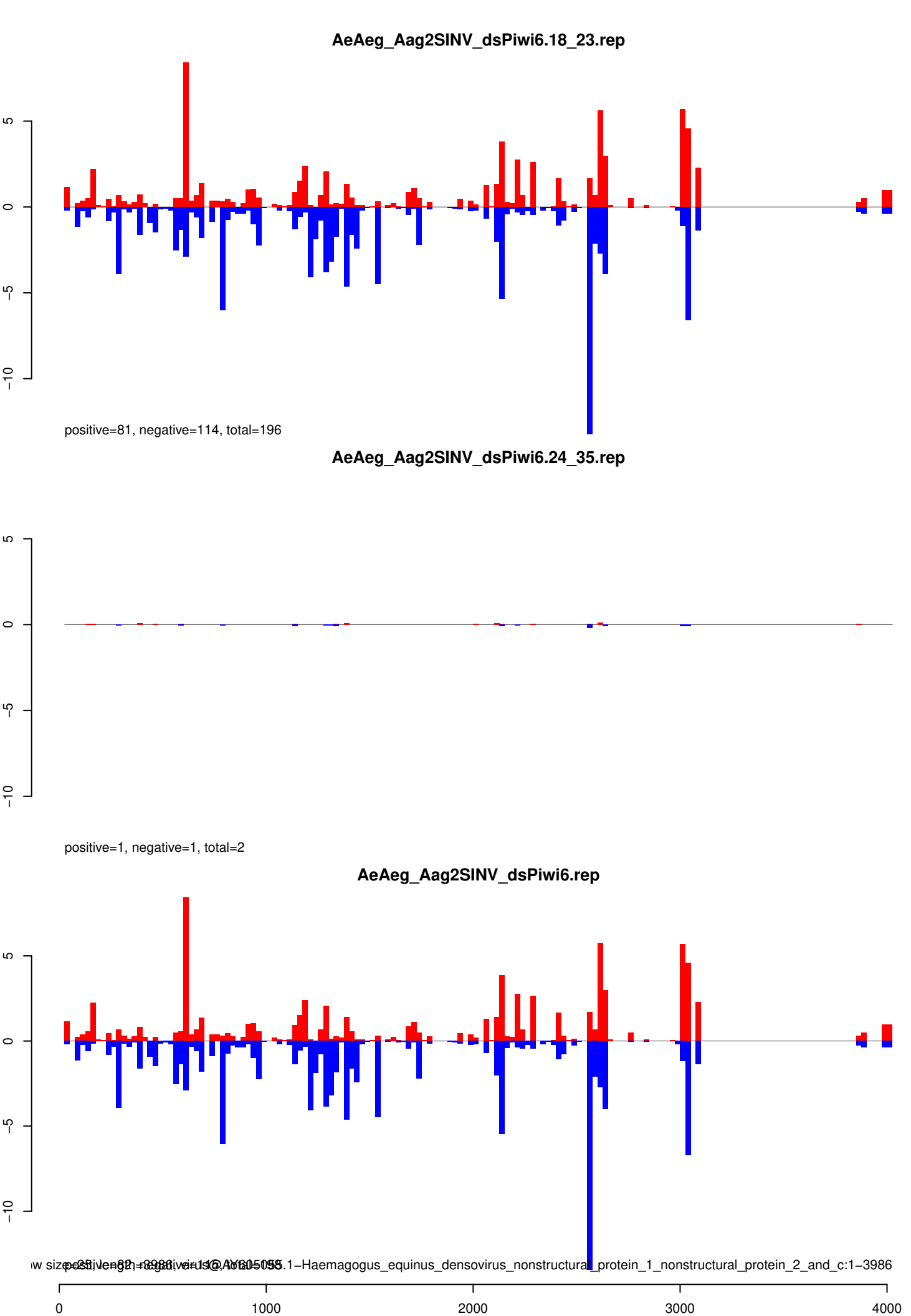
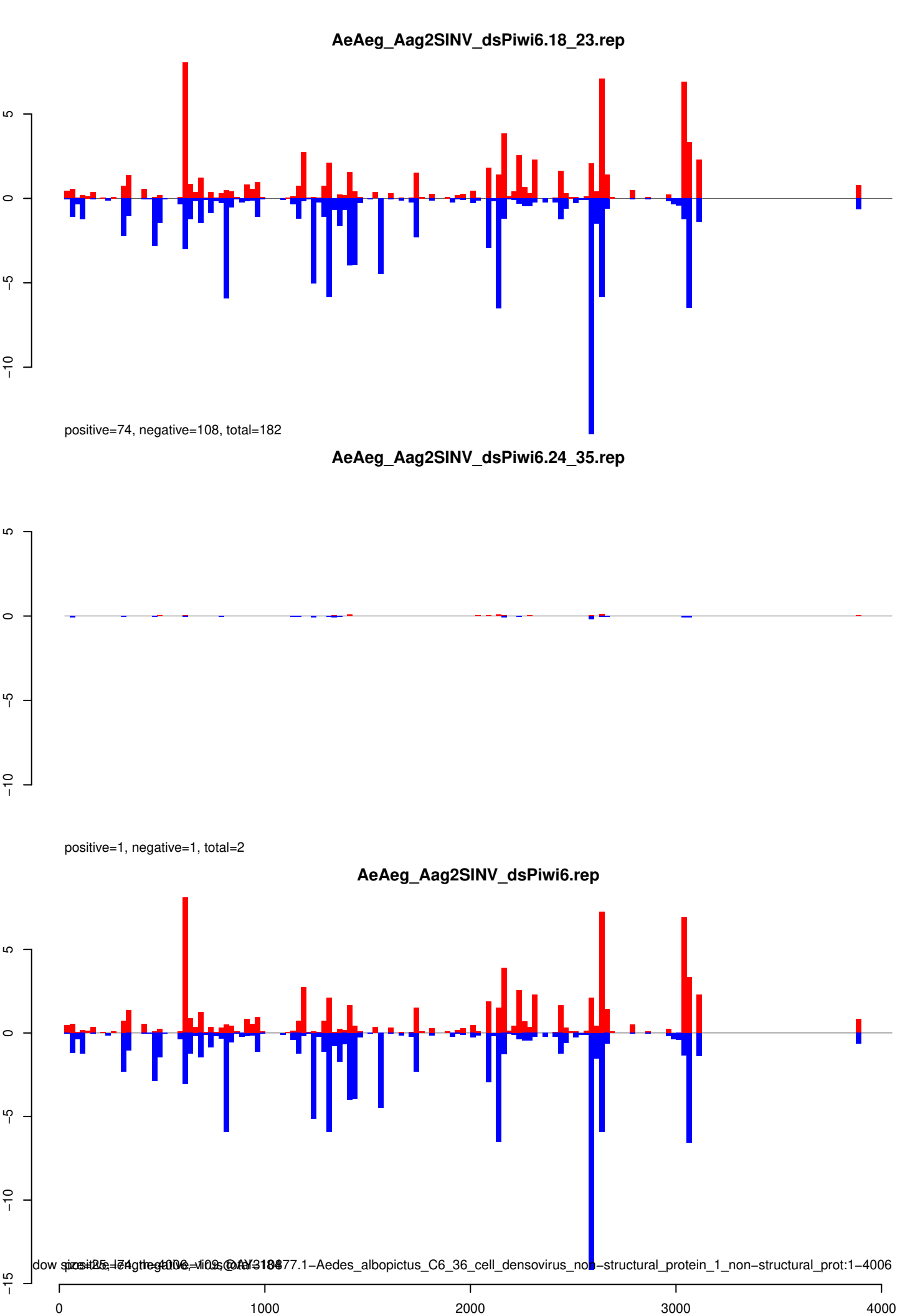
1000
2000
3000
4000
5000
6000

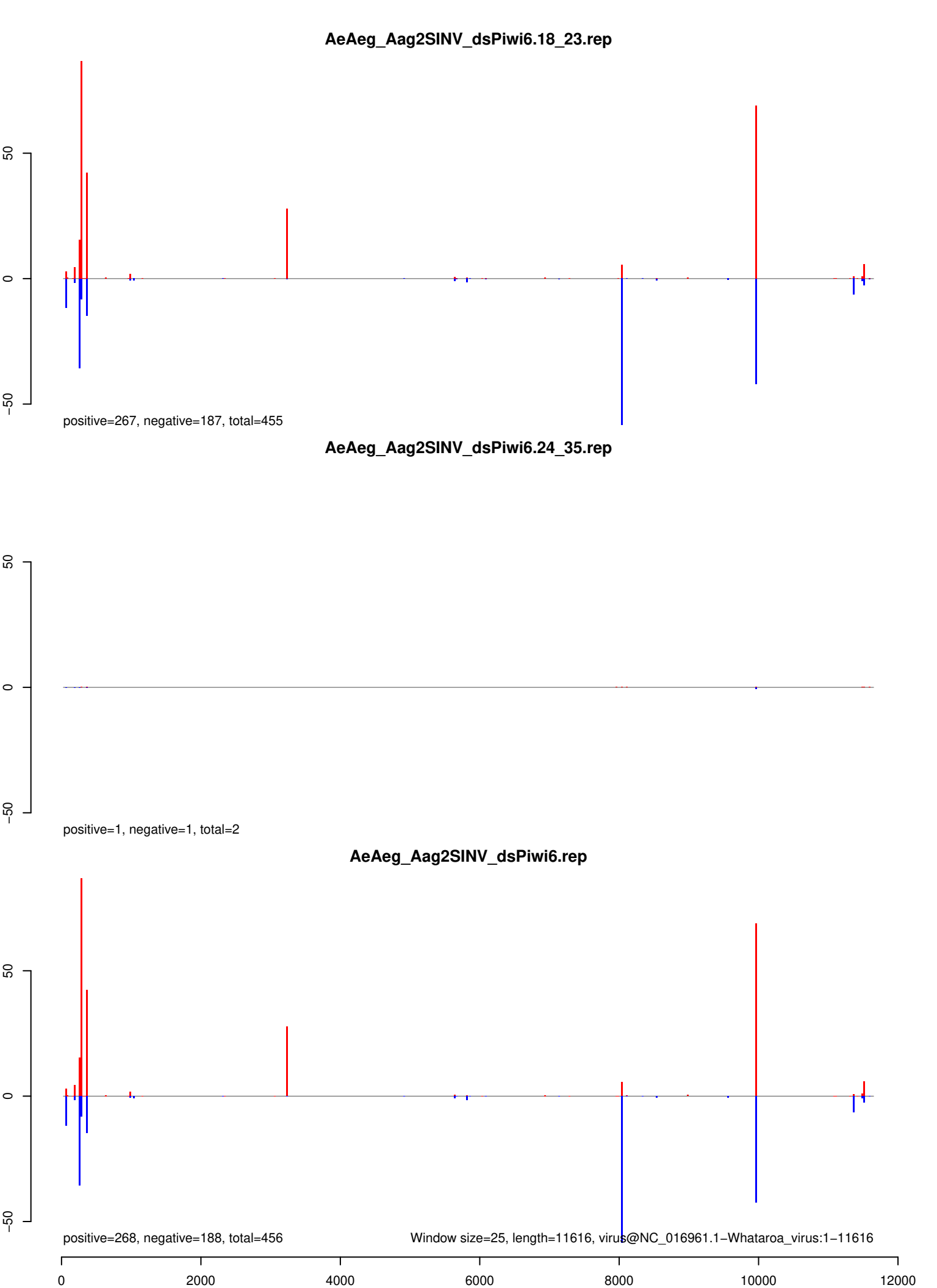

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=151, negative=156, total=307
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=2, negative=2, total=4
AeAeg_Aag2SINV_dsPiwi6.rep
positive=153, negative=158, total=311
Window size=25, length=4176, virus@X74945.1−Aedes_albopictus_densovirus_2_DNA:1−4176
10
5
0
−5
0
1000
2000
3000
4000

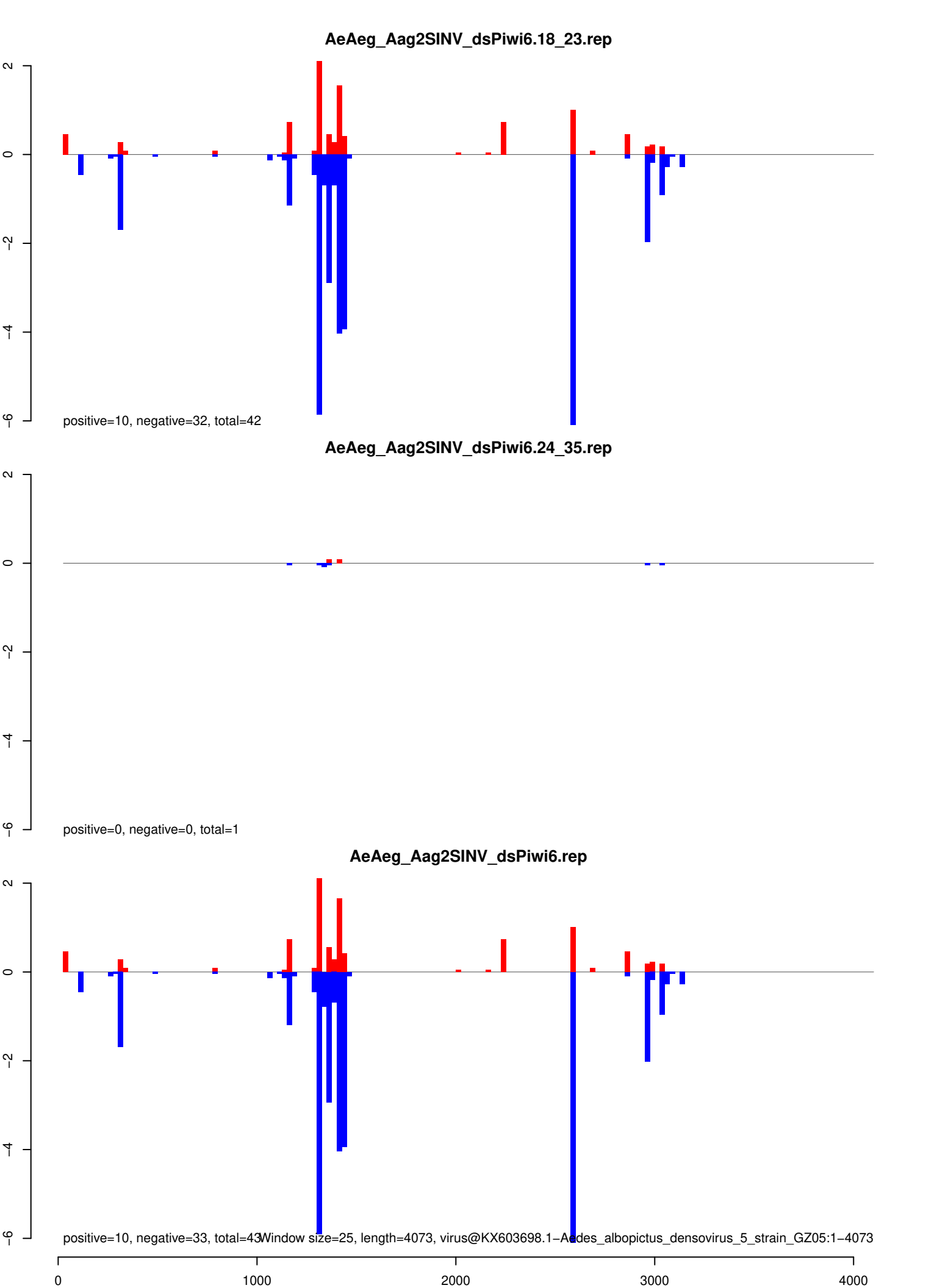

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=155, negative=181, total=337
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=2, negative=2, total=5
AeAeg_Aag2SINV_dsPiwi6.rep
10
5
0
−5
−10
−15
0
1000
2000
3000
4000

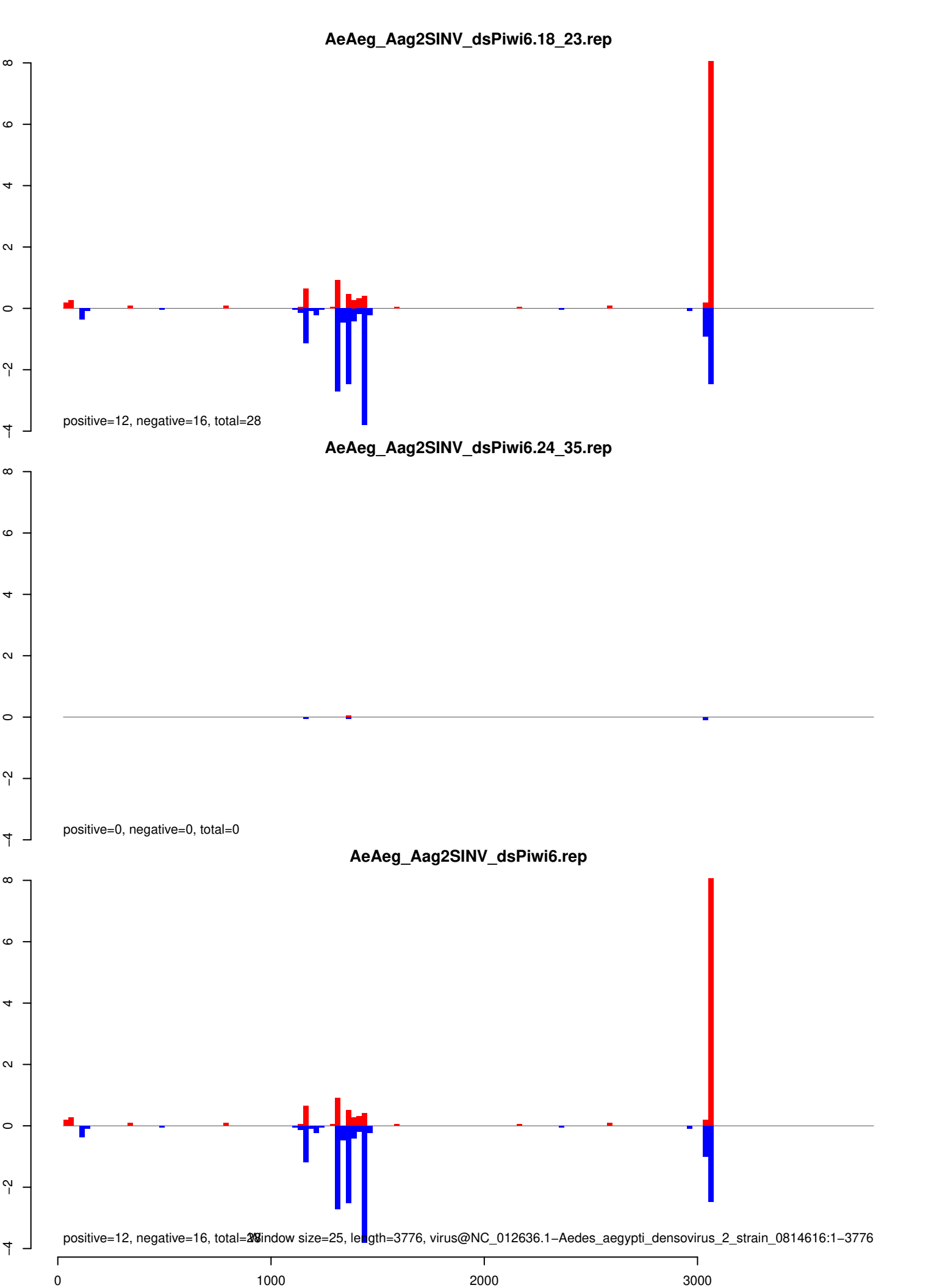

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
−100
−200
−300
−400
−500
positive=2, negative=32, total=34
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
−100
−200
−300
−400
−500
positive=8, negative=1458, total=1465
AeAeg_Aag2SINV_dsPiwi6.rep
0
−100
−200
−300
−400
−500
−600
positive=10, negative=1490, total=1500
Window size=25, length=2965, virus@AY347953.2−Aedes_aegypti_genomic_sequence:1−2965
0
500
1000
1500
2000
2500
3000

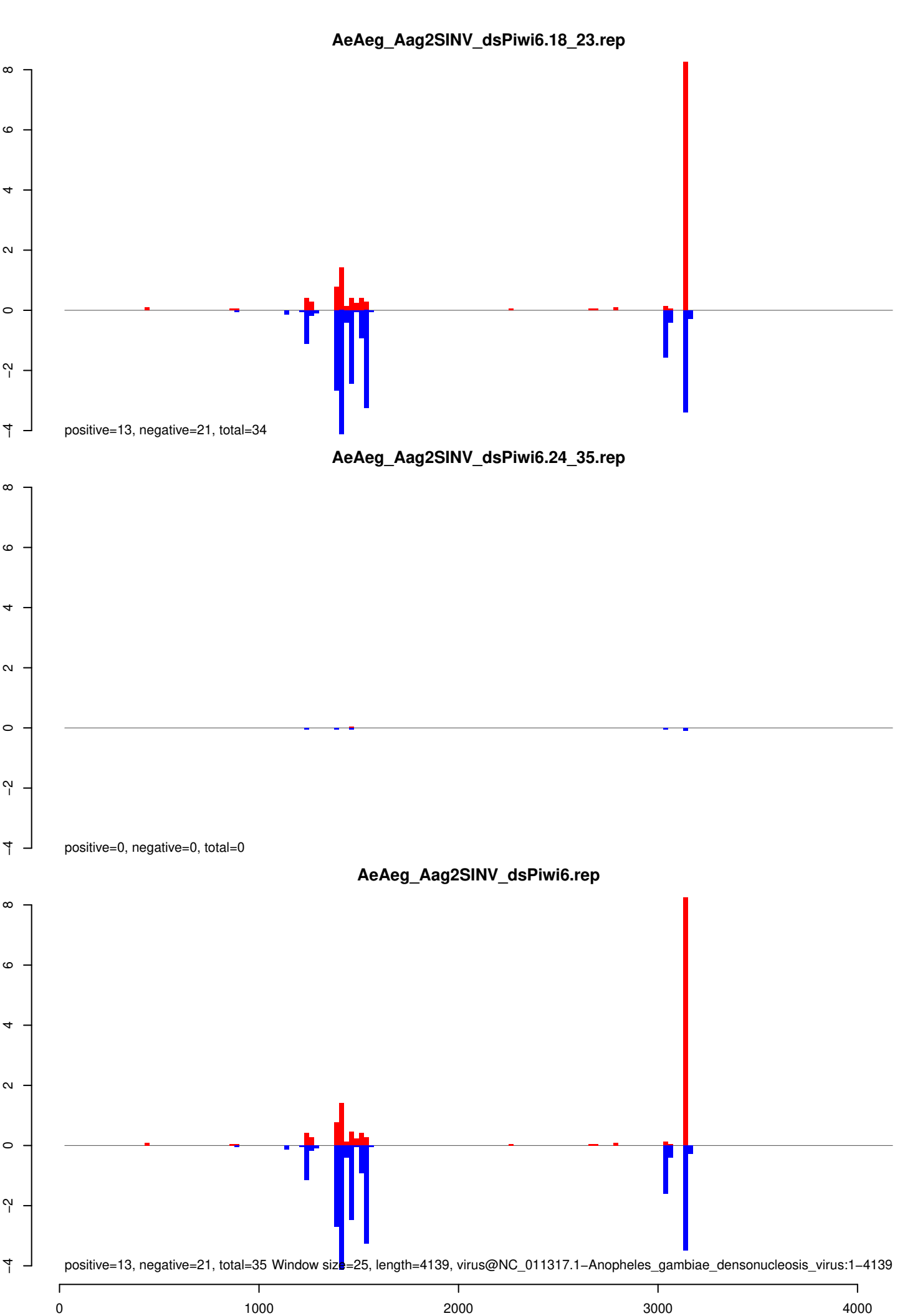

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=81, negative=114, total=196
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=1, negative=1, total=2
AeAeg_Aag2SINV_dsPiwi6.rep
positive=82, negative=115, total=197
5
0
−5
−10
0
1000
2000
3000
4000

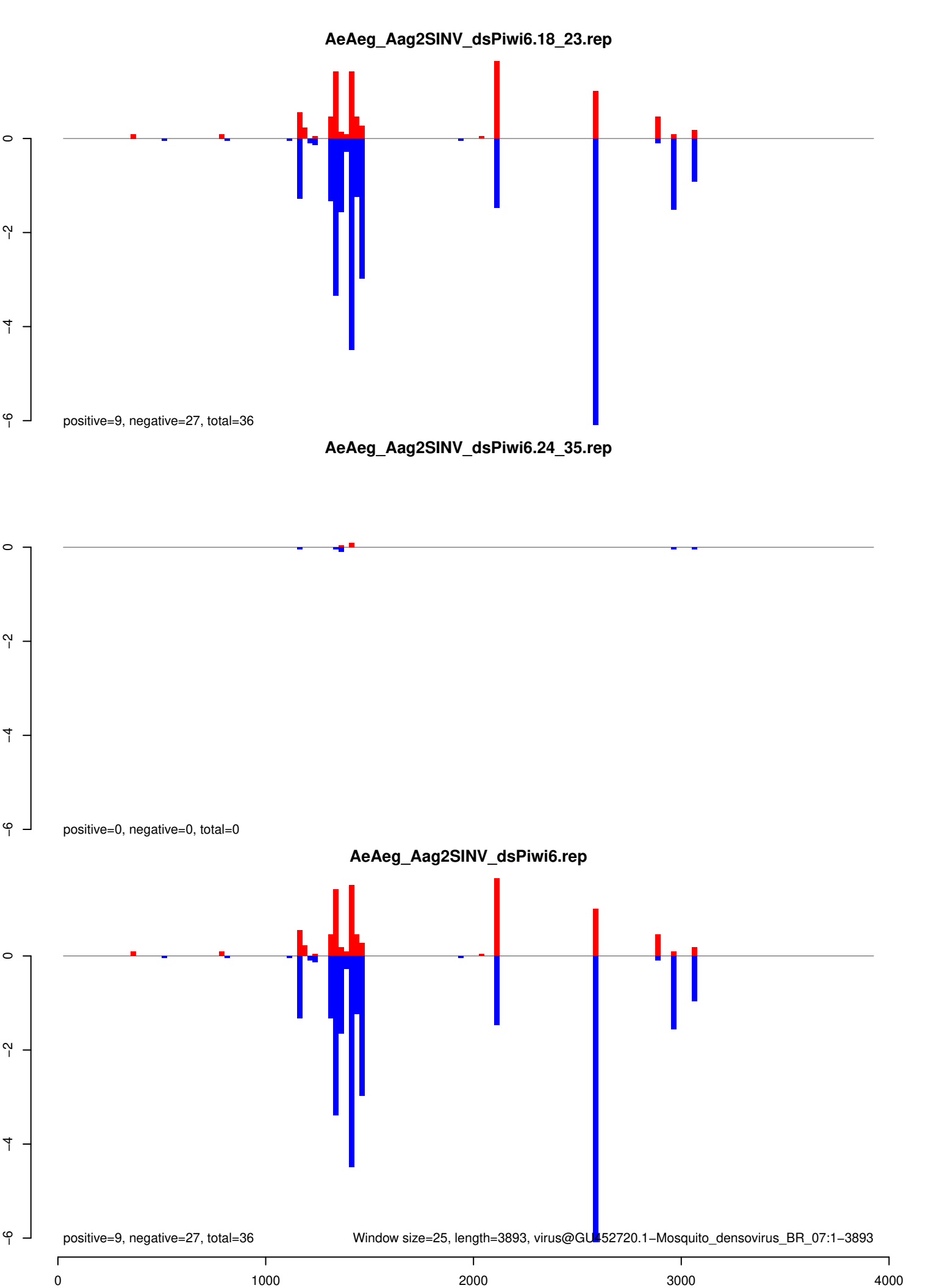

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=74, negative=108, total=182
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=1, negative=1, total=2
AeAeg_Aag2SINV_dsPiwi6.rep
5
0
−5
−10
−15
0
1000
2000
3000
4000

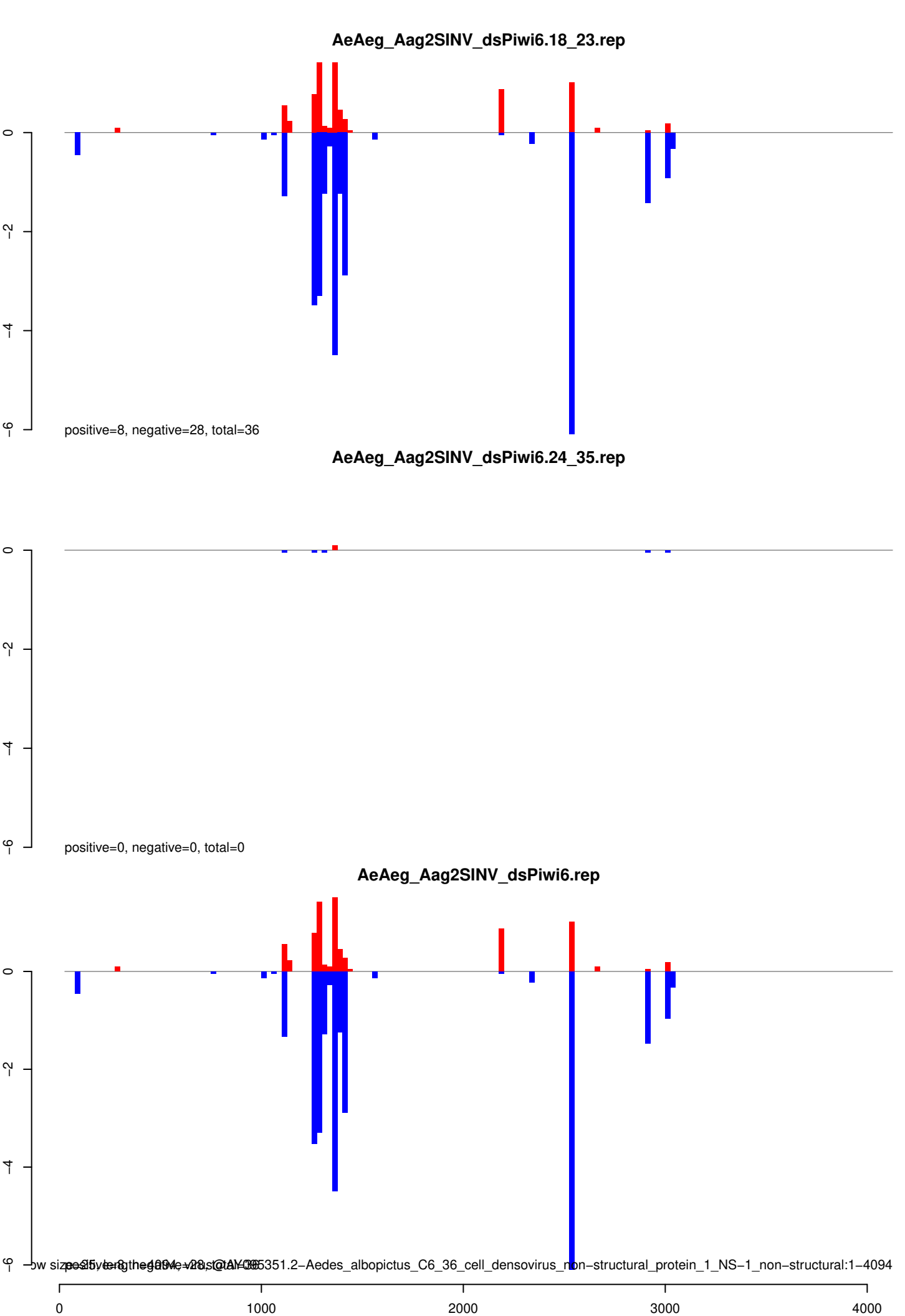

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
50
0
−50
positive=267, negative=187, total=455
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
50
0
−50
positive=1, negative=1, total=2
AeAeg_Aag2SINV_dsPiwi6.rep
50
0
−50
positive=268, negative=188, total=456
Window size=25, length=11616, virus@NC_016961.1−Whataroa_virus:1−11616
0
2000
4000
6000
8000
10000
12000

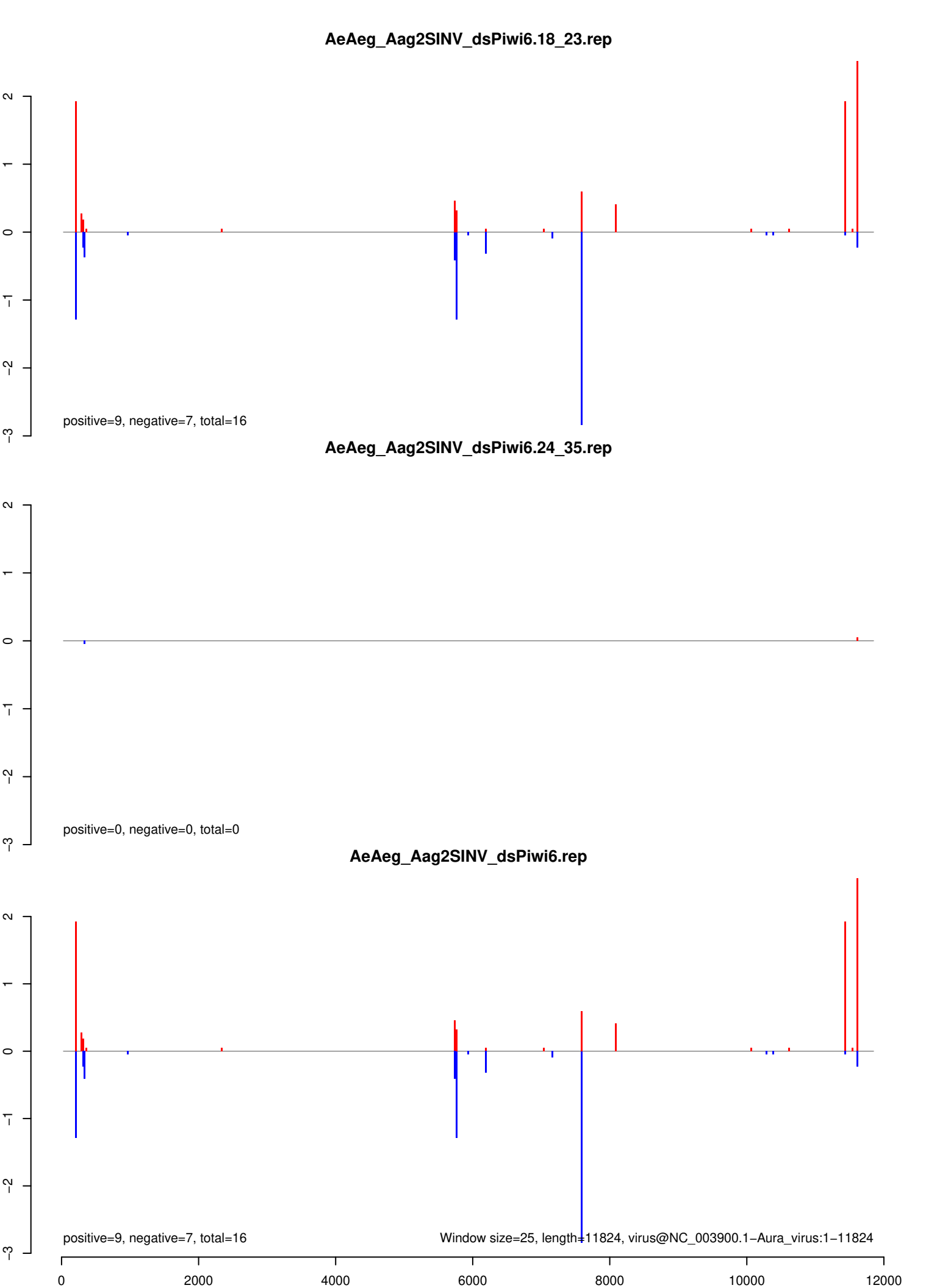

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=10, negative=32, total=42
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=1
AeAeg_Aag2SINV_dsPiwi6.rep
positive=10, negative=33, total=43
Window size=25, length=4073, virus@KX603698.1−Aedes_albopictus_densovirus_5_strain_GZ05:1−4073
2
0
−2
−4
−6
0
1000
2000
3000
4000

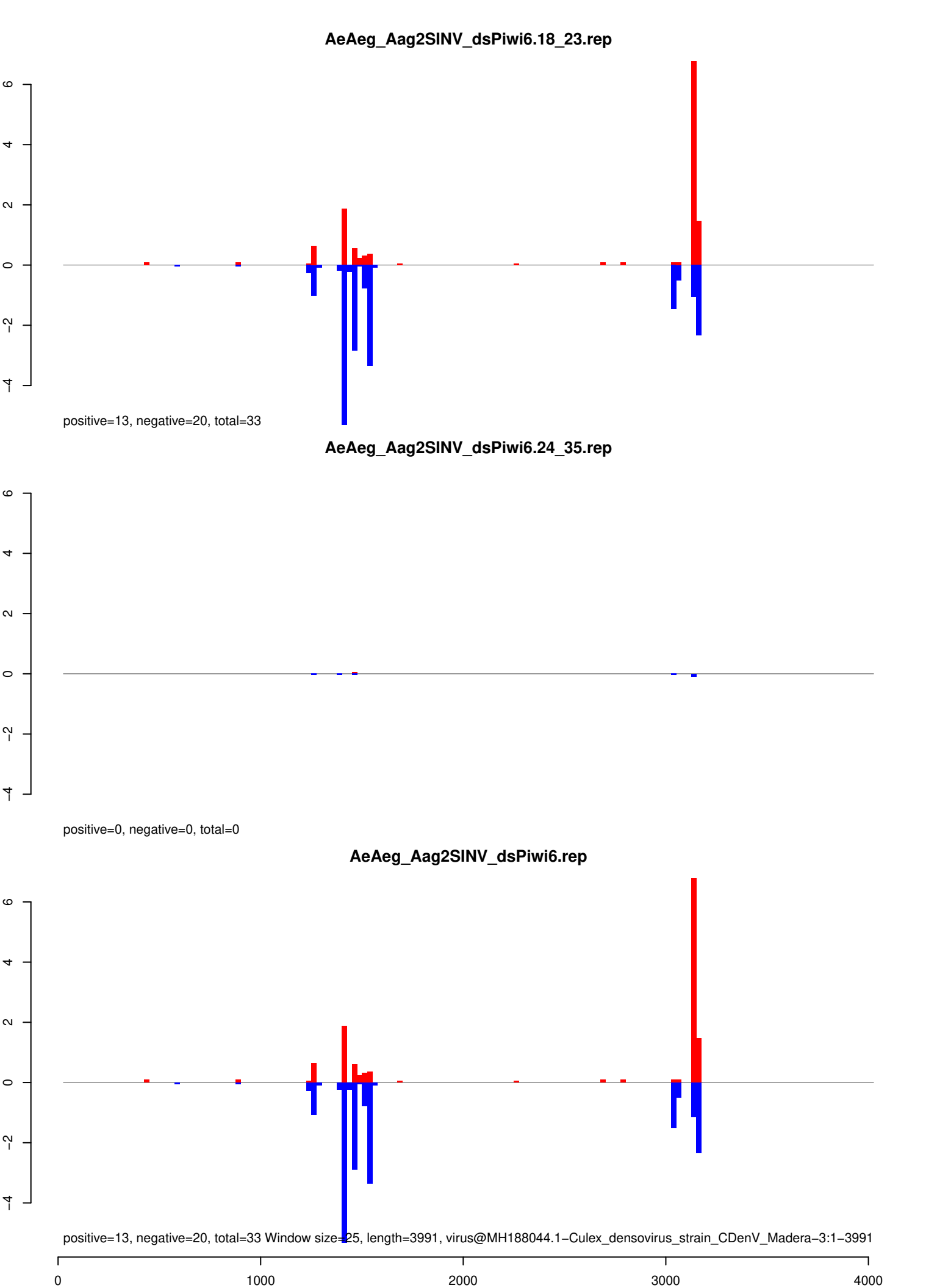

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=12, negative=16, total=28
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=12, negative=16, total=28
window size=25, length=3776, virus@NC_012636.1−Aedes_aegypti_densovirus_2_strain_0814616:1−3776
8
6
4
2
0
−2
−4
0
1000
2000
3000

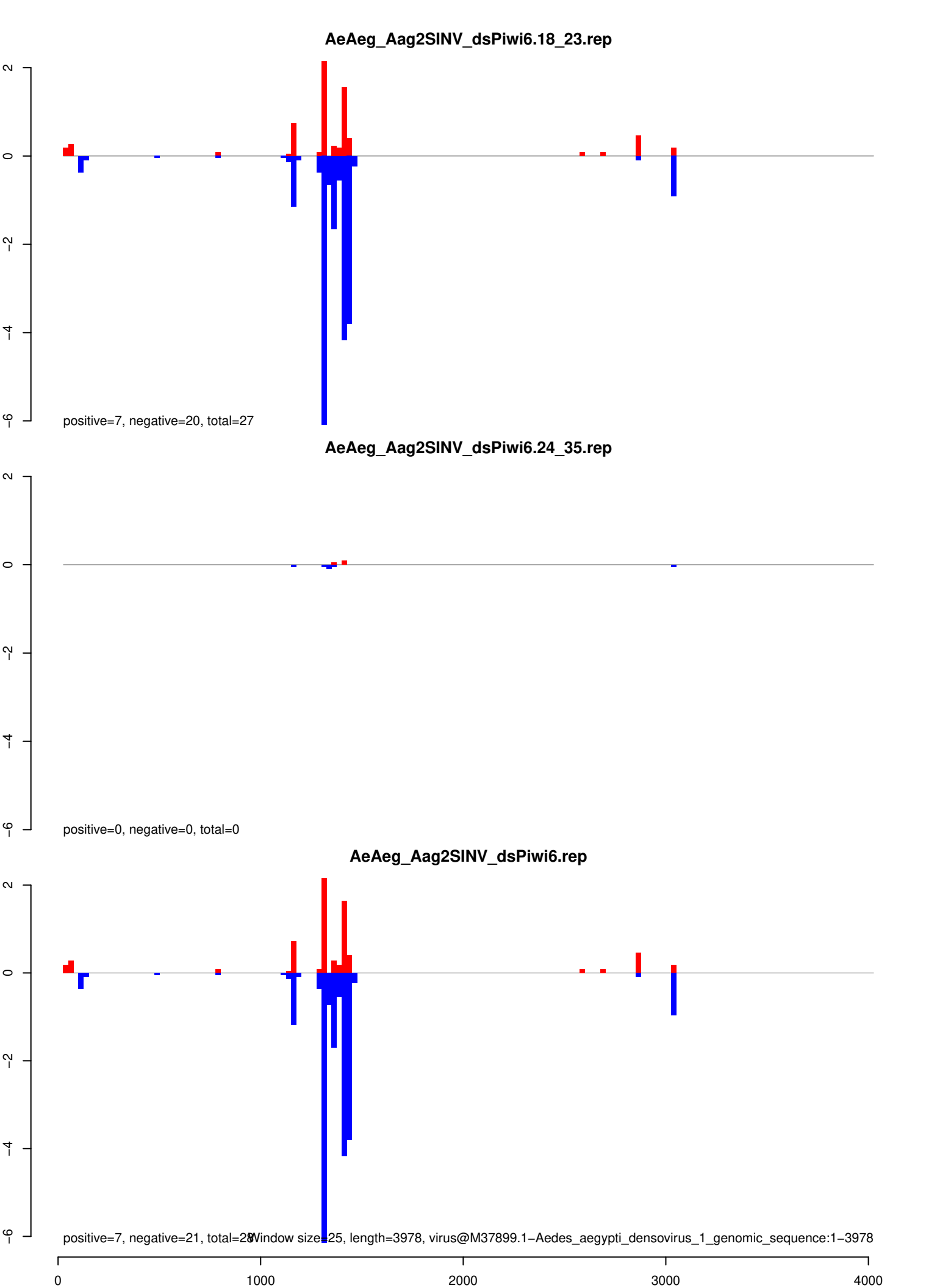

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=13, negative=21, total=34
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=13, negative=21, total=35 Window size=25, length=4139, virus@NC_011317.1−Anopheles_gambiae_densonucleosis_virus:1−4139
8
6
4
2
0
−2
−4
0
1000
2000
3000
4000

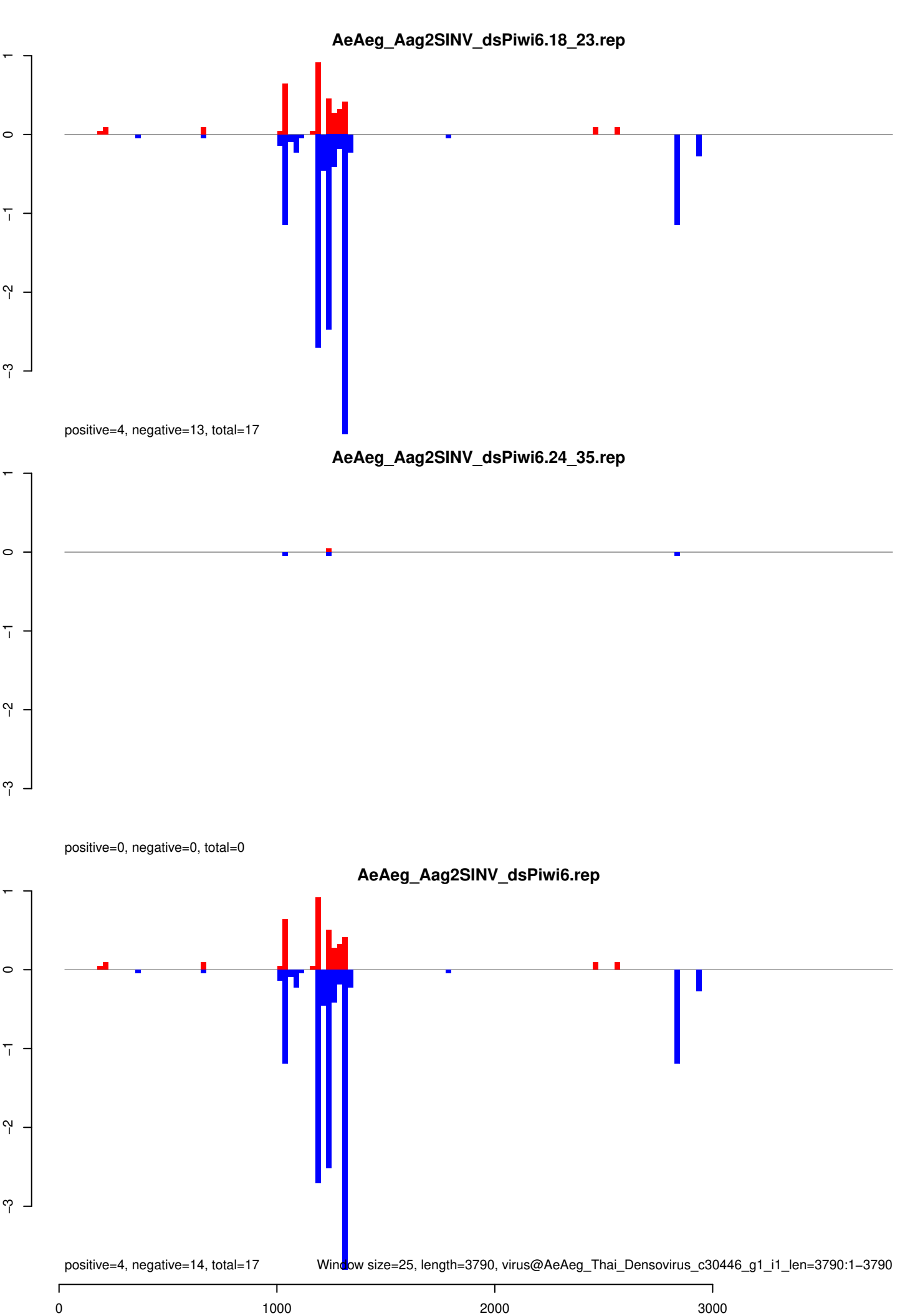

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
−2
−4
−6
positive=9, negative=27, total=36
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
−2
−4
−6
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0
−2
−4
−6
positive=9, negative=27, total=36
Window size=25, length=3893, virus@GU452720.1−Mosquito_densovirus_BR_07:1−3893
0
1000
2000
3000
4000

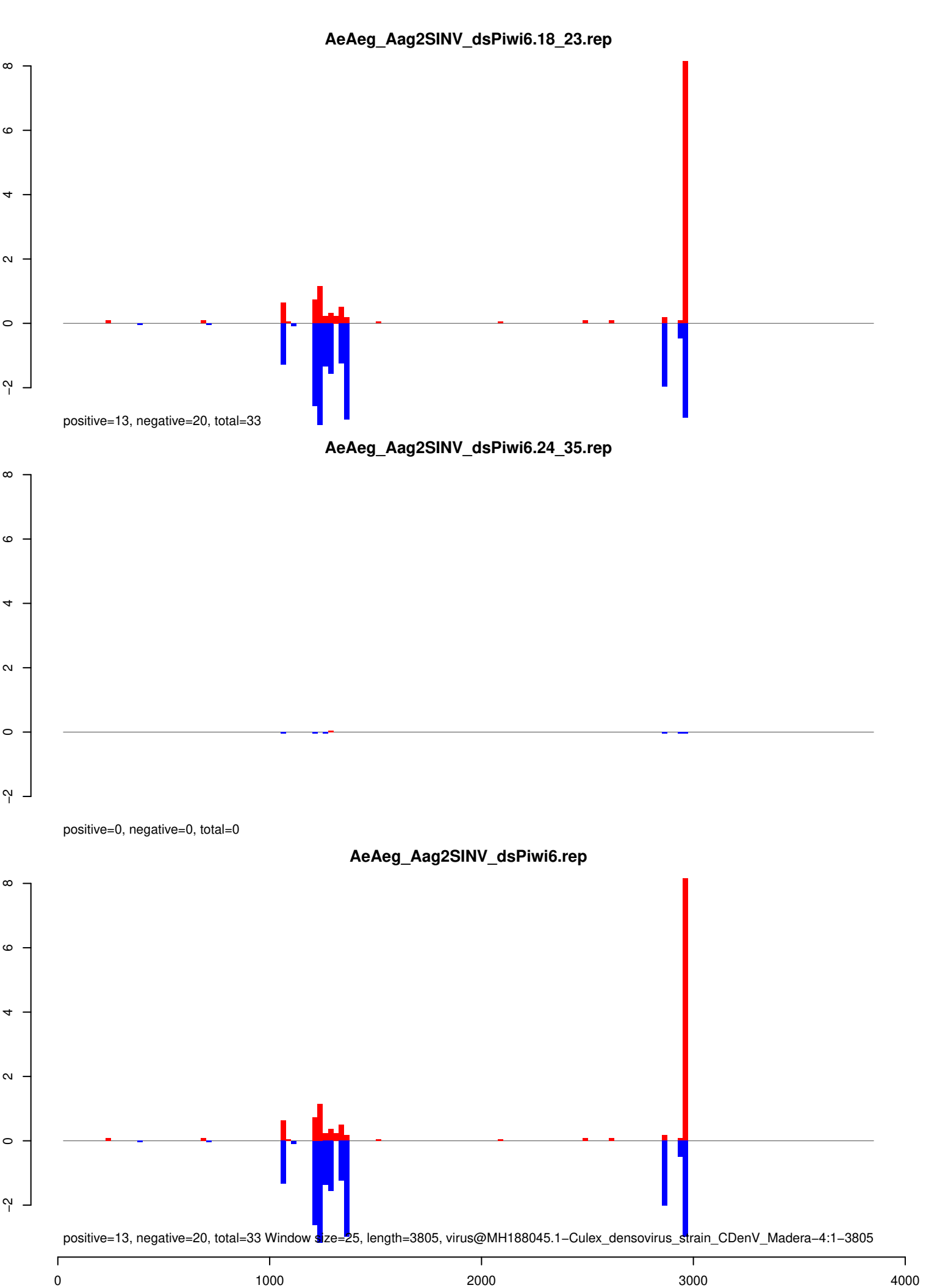

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=8, negative=28, total=36
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0
−2
−4
−6
0
1000
2000
3000
4000

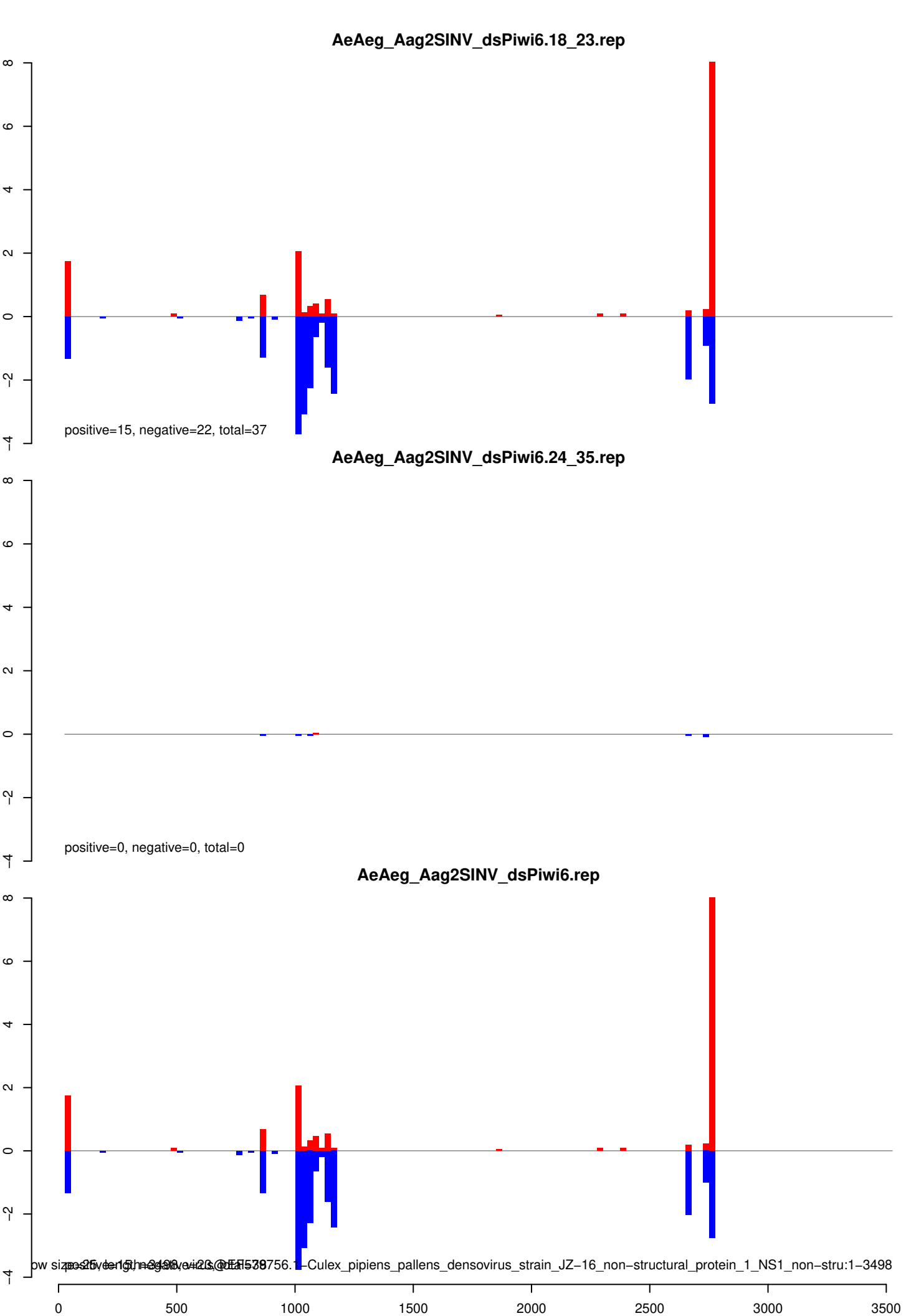

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=9, negative=7, total=16
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=9, negative=7, total=16
Window size=25, length=11824, virus@NC_003900.1−Aura_virus:1−11824
2
1
0
−1
−2
−3
0
2000
4000
6000
8000
10000
12000

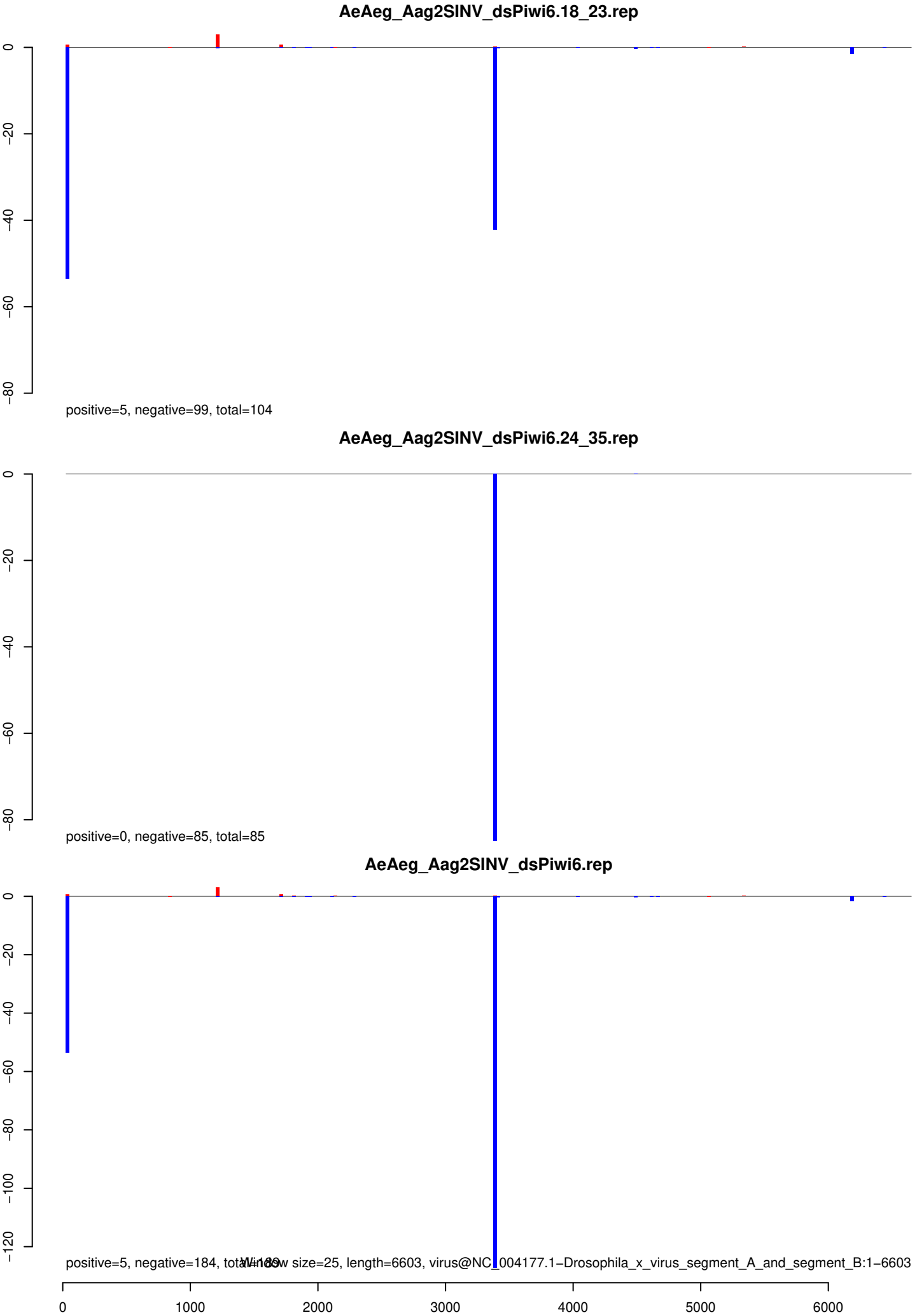

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
6
4
2
0
−2
−4
positive=13, negative=20, total=33
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
6
4
2
0
−2
−4
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
6
4
2
0
−2
−4
positive=13, negative=20, total=33 Window size=25, length=3991, virus@MH188044.1−Culex_densovirus_strain_CDenV_Madera−3:1−3991
0
1000
2000
3000
4000

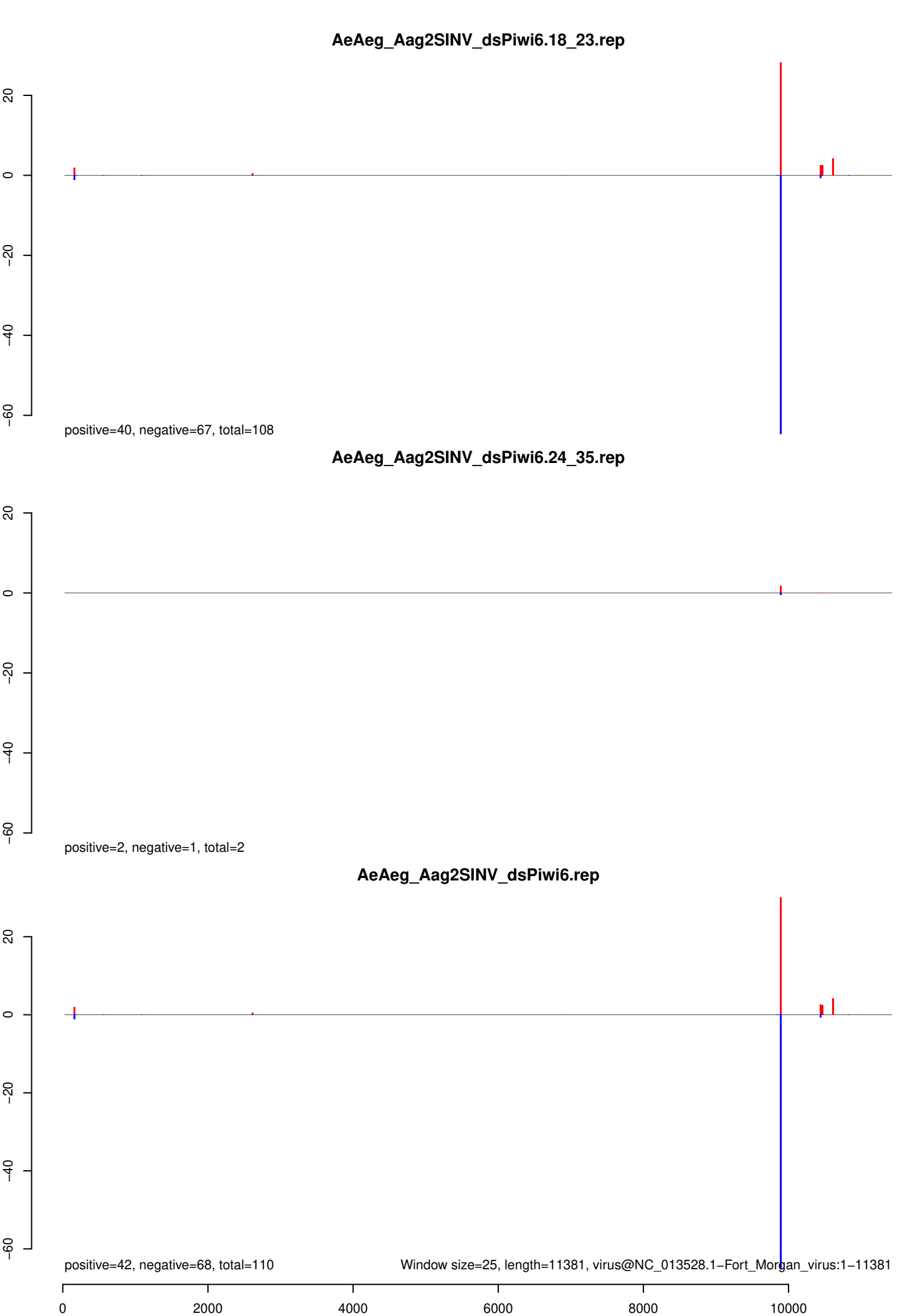

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=7, negative=20, total=27
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=7, negative=21, total=28
Window size=25, length=3978, virus@M37899.1−Aedes_aegypti_densovirus_1_genomic_sequence:1−3978
2
0
−2
−4
−6
0
1000
2000
3000
4000

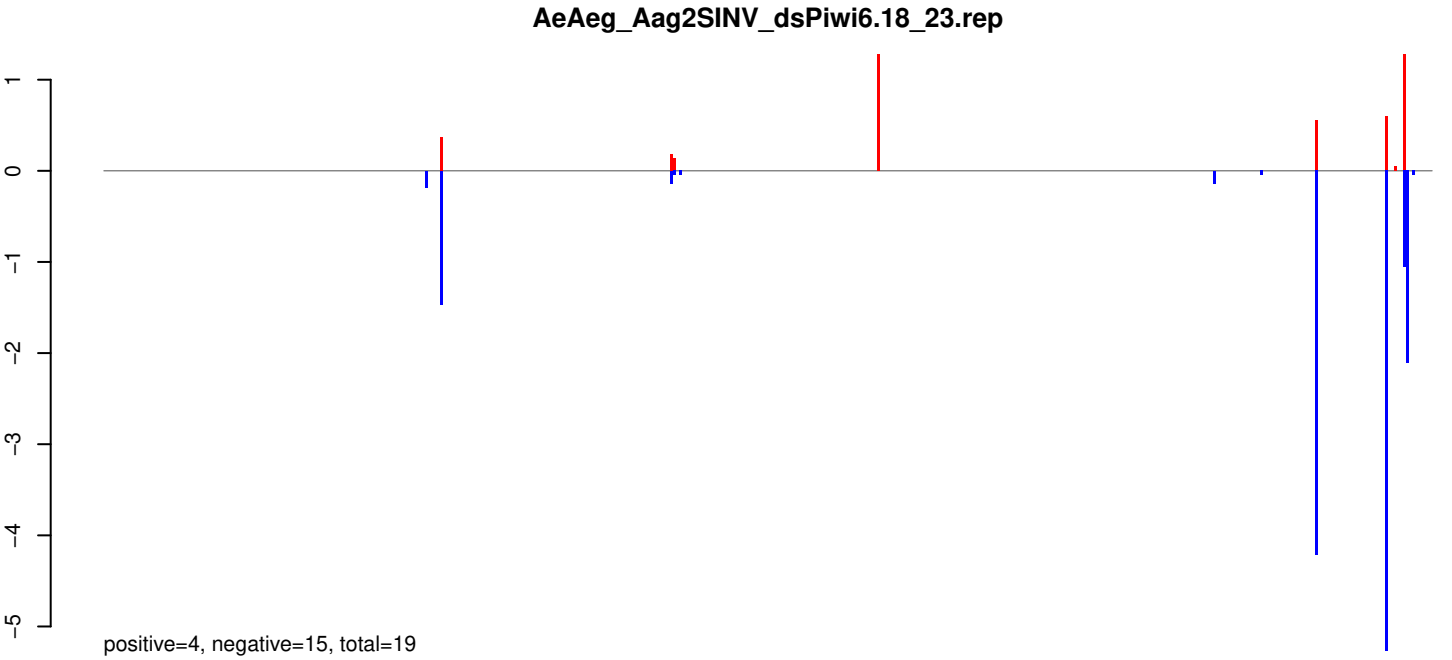

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=4, negative=13, total=17
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=4, negative=14, total=17
Window size=25, length=3790, virus@AeAeg_Thai_Densovirus_c30446_g1_i1_len=3790:1−3790
0
1000
2000
3000

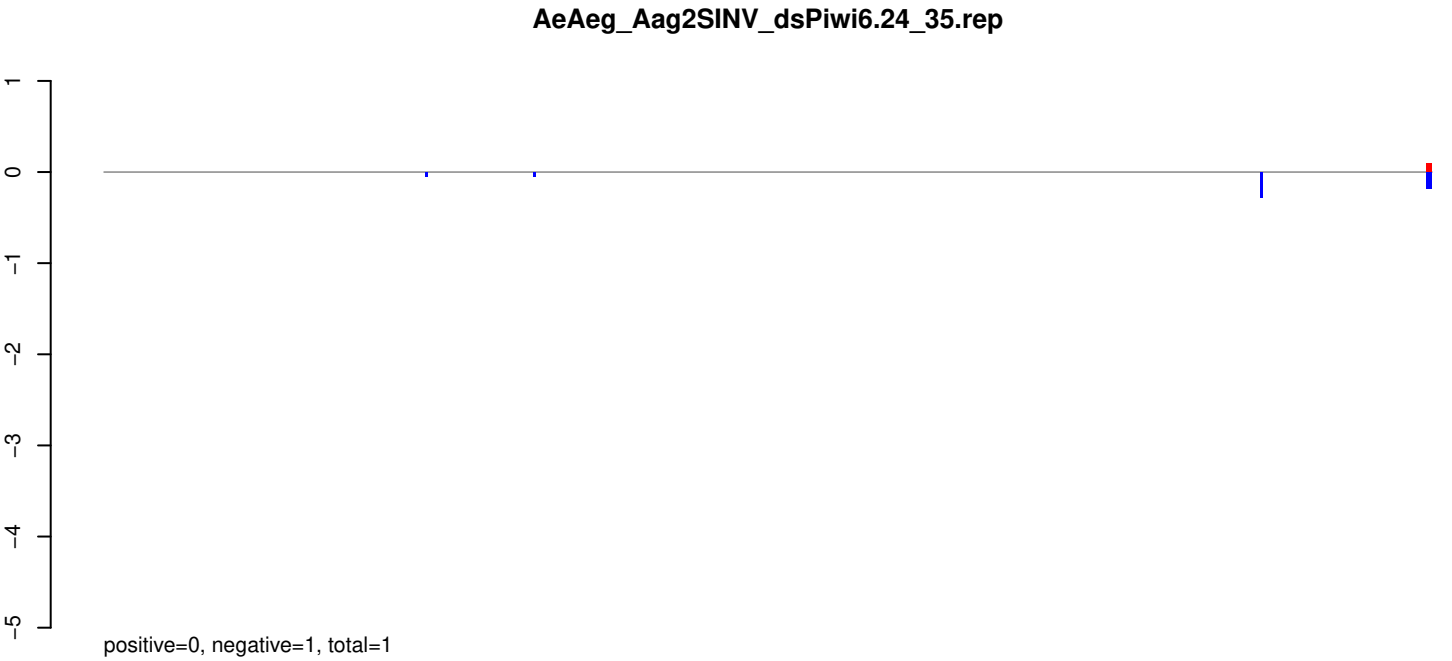

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
8
6
4
2
0
−2
positive=13, negative=20, total=33
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
8
6
4
2
0
−2
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
8
6
4
2
0
−2
positive=13, negative=20, total=33 Window size=25, length=3805, virus@MH188045.1−Culex_densovirus_strain_CDenV_Madera−4:1−3805
0
1000
2000
3000
4000

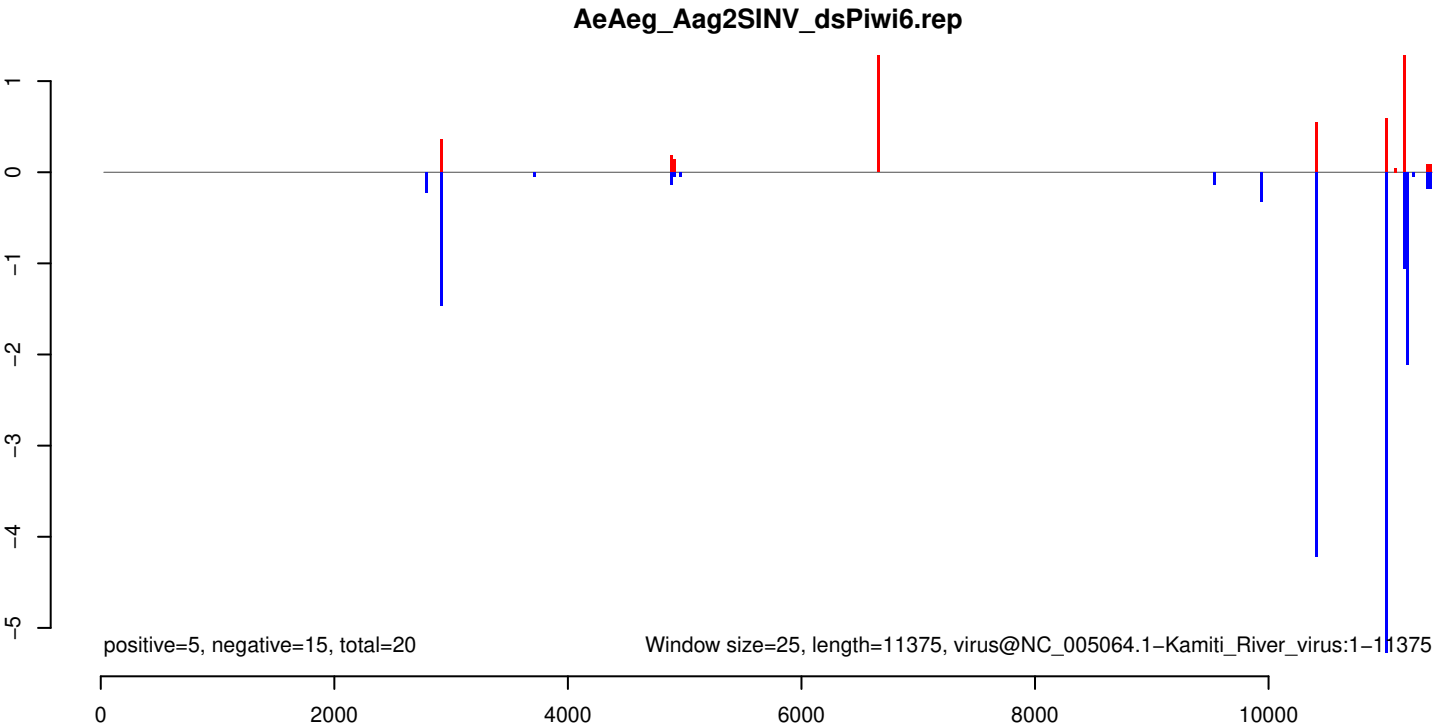

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=15, negative=22, total=37
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
Culex_pipiens_pallens_densovirus_strain_JZ-16_non-structural_protein_1_NS1_non-stru:1-3498
8
6
4
2
0
-2
-4
0
500
1000
1500
2000
2500
3000
3500

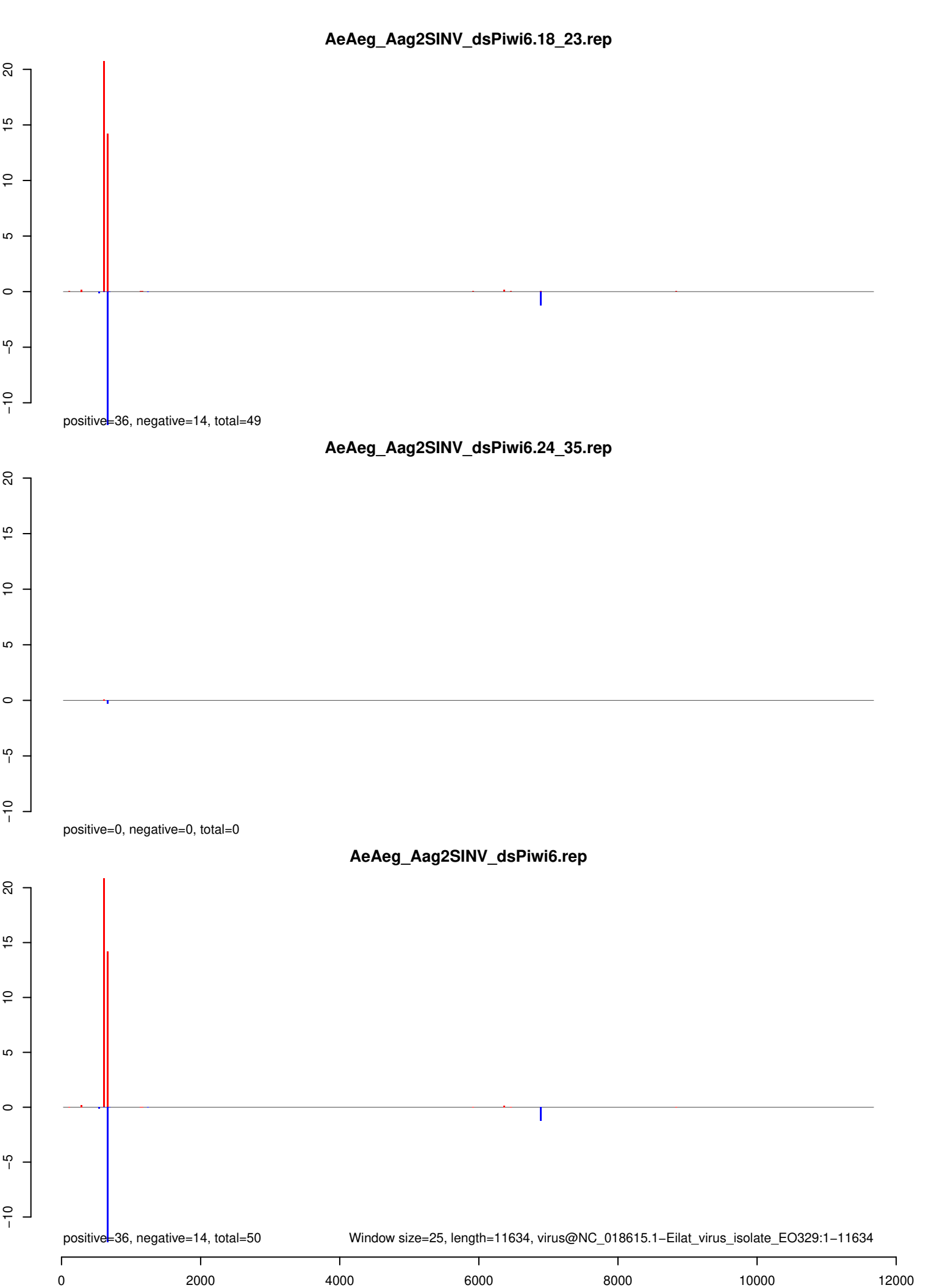

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
−20
−40
−60
−80
positive=5, negative=99, total=104
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
−20
−40
−60
−80
positive=0, negative=85, total=85
AeAeg_Aag2SINV_dsPiwi6.rep
0
−20
−40
−60
−80
−100
−120
positive=5, negative=184, total=189
window size=25, length=6603, virus@NC_004177.1−Drosophila_x_virus_segment_A_and_segment_B:1−6603
0
1000
2000
3000
4000
5000
6000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
20
0
−20
−40
−60
positive=40, negative=67, total=108
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
20
0
−20
−40
−60
positive=2, negative=1, total=2
AeAeg_Aag2SINV_dsPiwi6.rep
20
0
−20
−40
−60
positive=42, negative=68, total=110
Window size=25, length=11381, virus@NC_013528.1−Fort_Morgan_virus:1−11381
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
1
0
−1
−2
−3
−4
−5
positive=4, negative=15, total=19


AeAeg_Aag2SINV_dsPiwi6.24_35.rep
1
0
−1
−2
−3
−4
−5
positive=0, negative=1, total=1


AeAeg_Aag2SINV_dsPiwi6.rep
1
0
−1
−2
−3
−4
−5
positive=5, negative=15, total=20
Window size=25, length=11375, virus@NC_005064.1−Kamiti_River_virus:1−11375
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=36, negative=14, total=49
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=36, negative=14, total=50
Window size=25, length=11634, virus@NC_018615.1−Eilat_virus_isolate_EO329:1−11634
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15
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5
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−10
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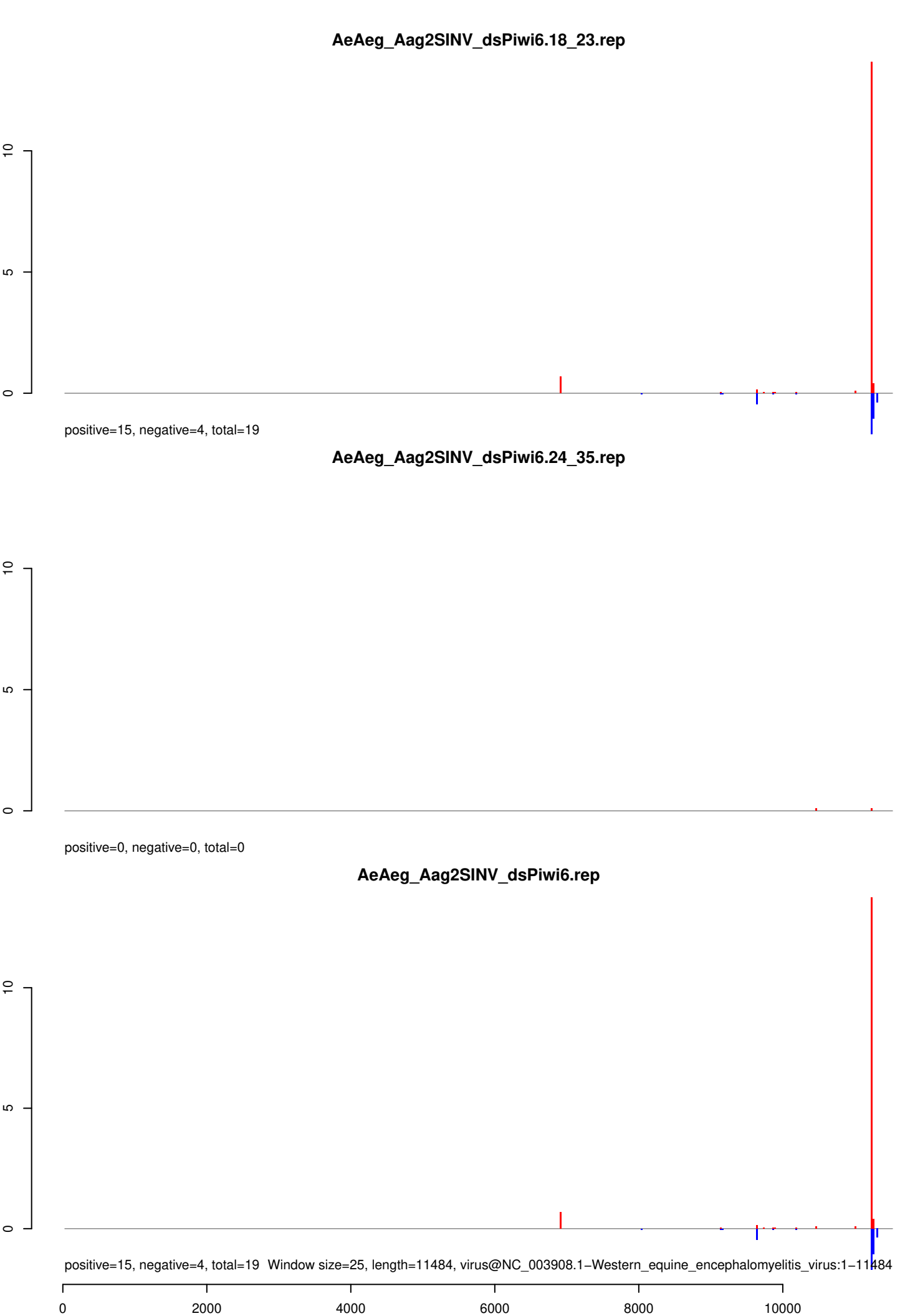
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
5
10
positive=15, negative=4, total=19
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
5
10
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0
5
10
positive=15, negative=4, total=19 Window size=25, length=11484, virus@NC_003908.1−Western_equine_encephalomyelitis_virus:1−11484
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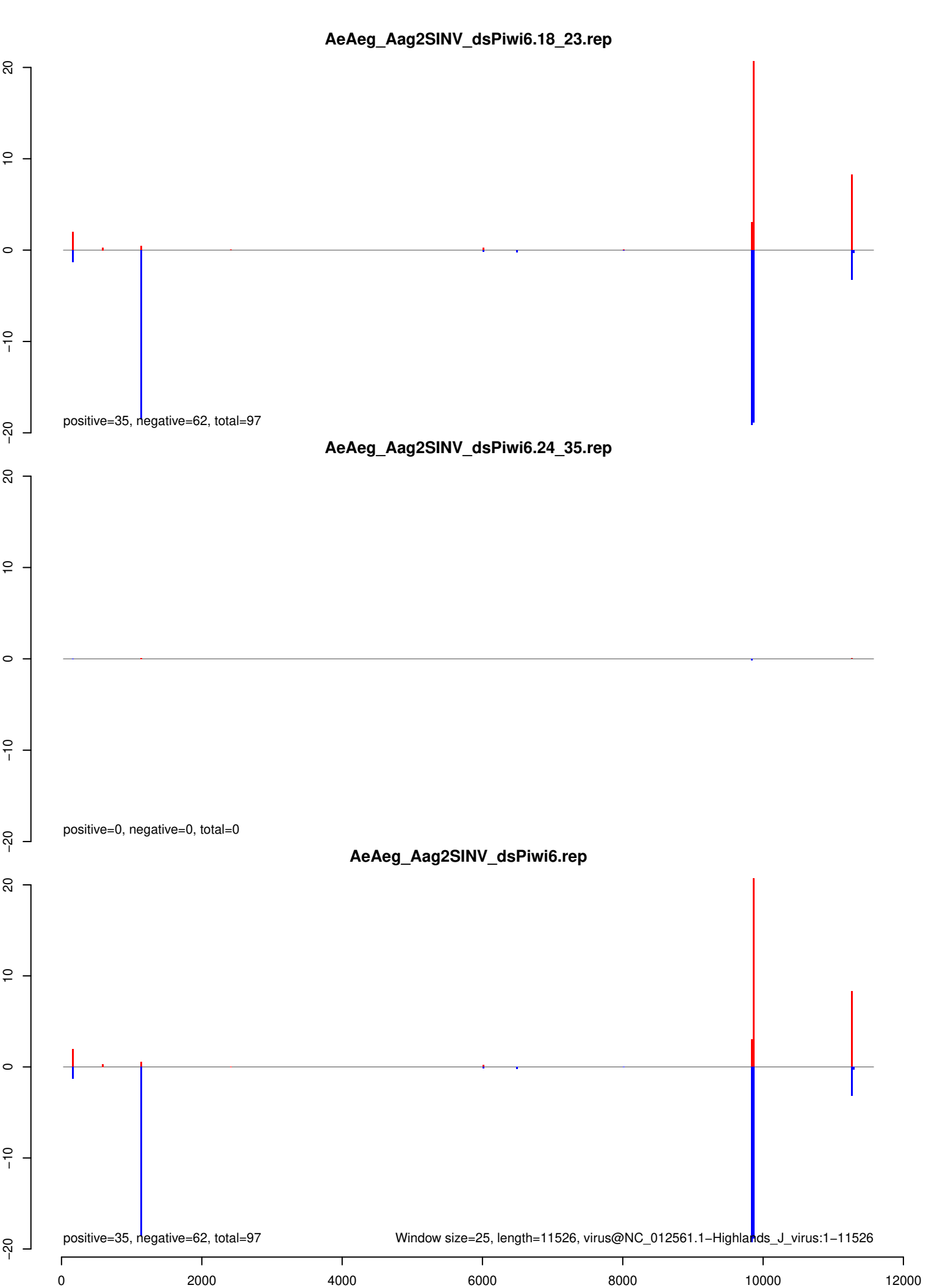
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=35, negative=62, total=97
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=35, negative=62, total=97
Window size=25, length=11526, virus@NC_012561.1−Highlands_J_virus:1−11526
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10
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−10
−20
0
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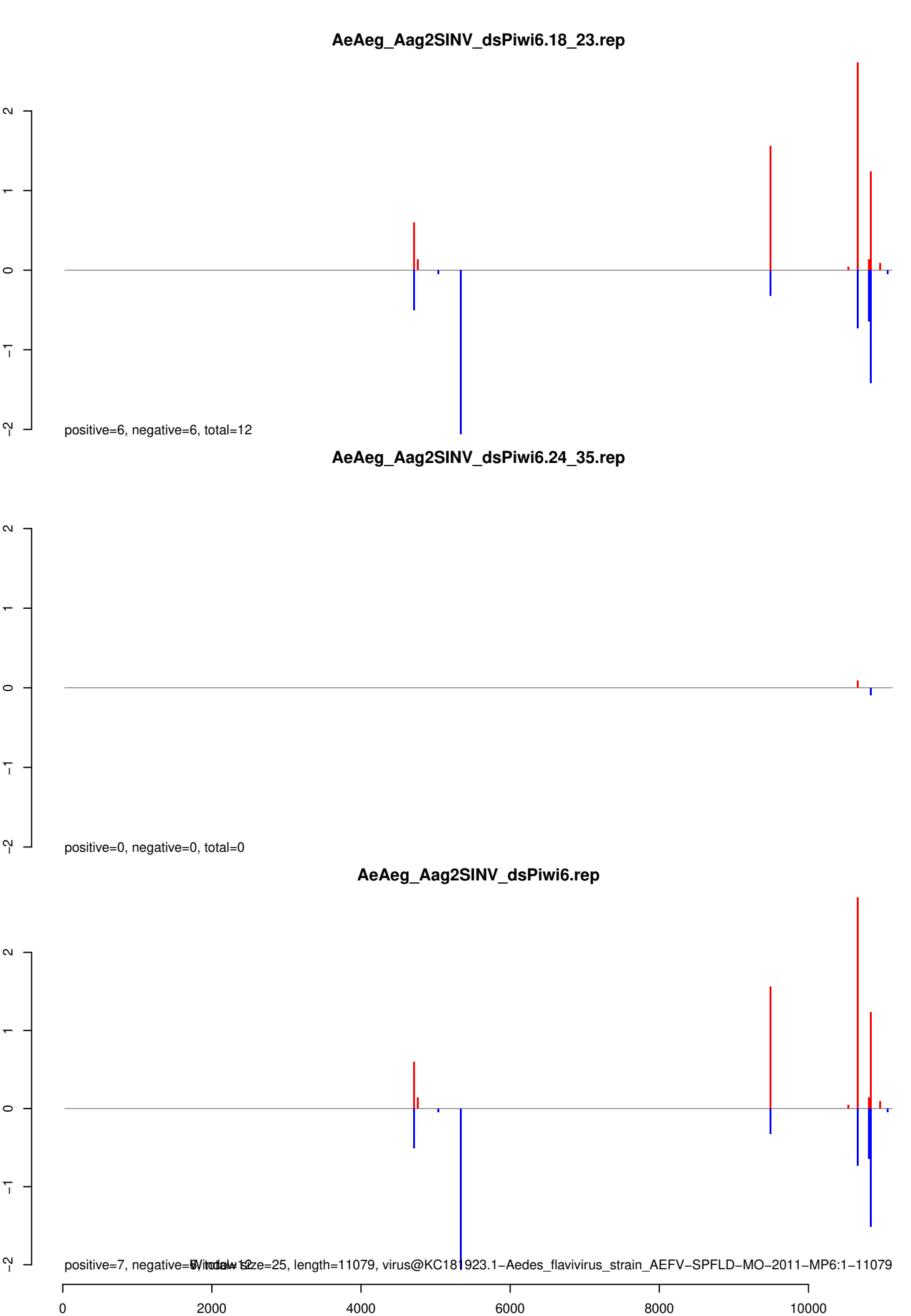
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=6, negative=6, total=12
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=7, negative=6, total=12
Window size=25, length=11079, virus@KC181923.1−Aedes_flavivirus_strain_AEFV−SPFLD−MO−2011−MP6:1−11079
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1
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−1
−2
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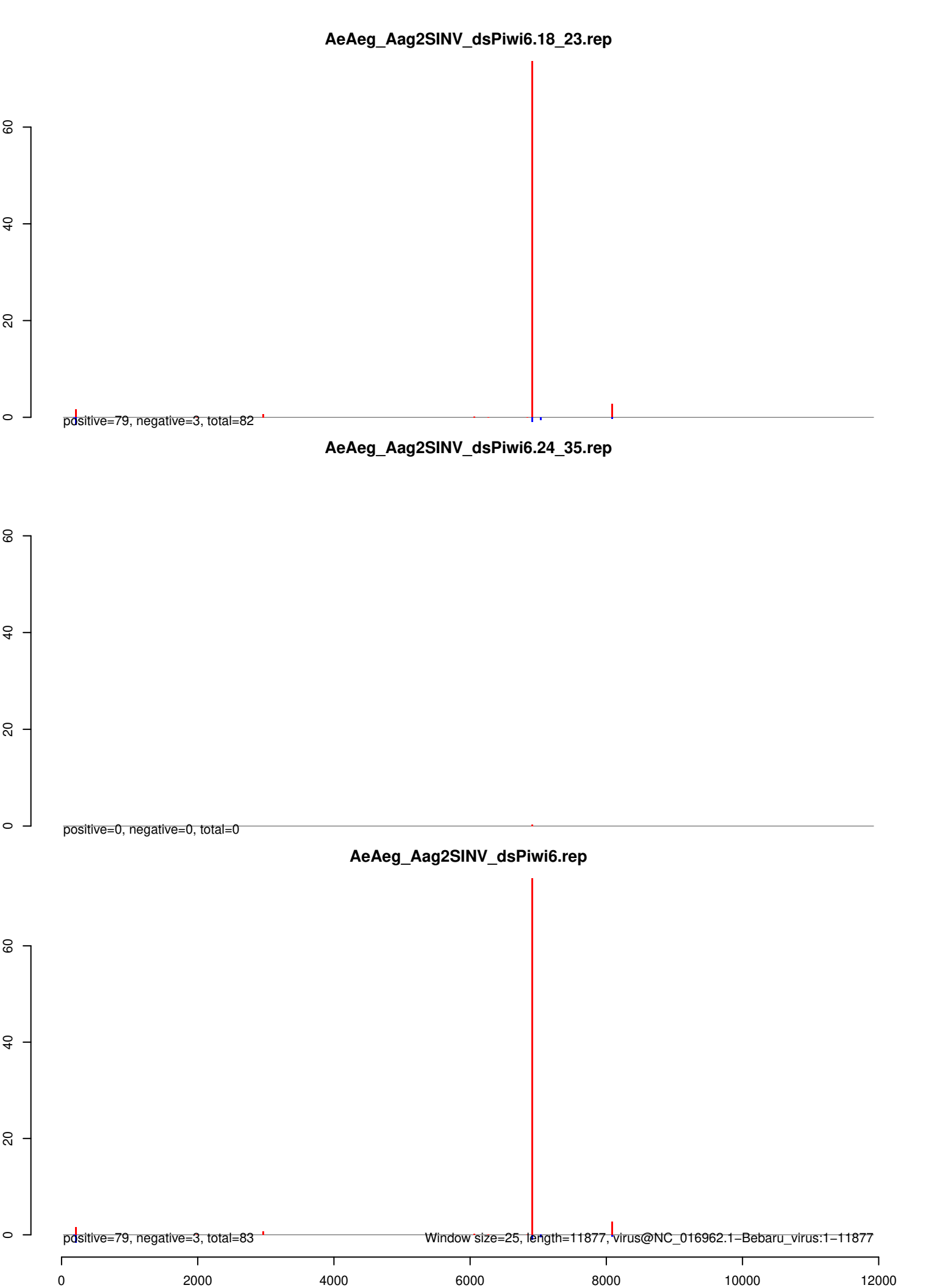
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
20
40
60
positive=79, negative=3, total=82
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
20
40
60
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0
20
40
60
positive=79, negative=3, total=83
Window size=25, length=11877, virus@NC_016962.1−Bebaru_virus:1−11877
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2000
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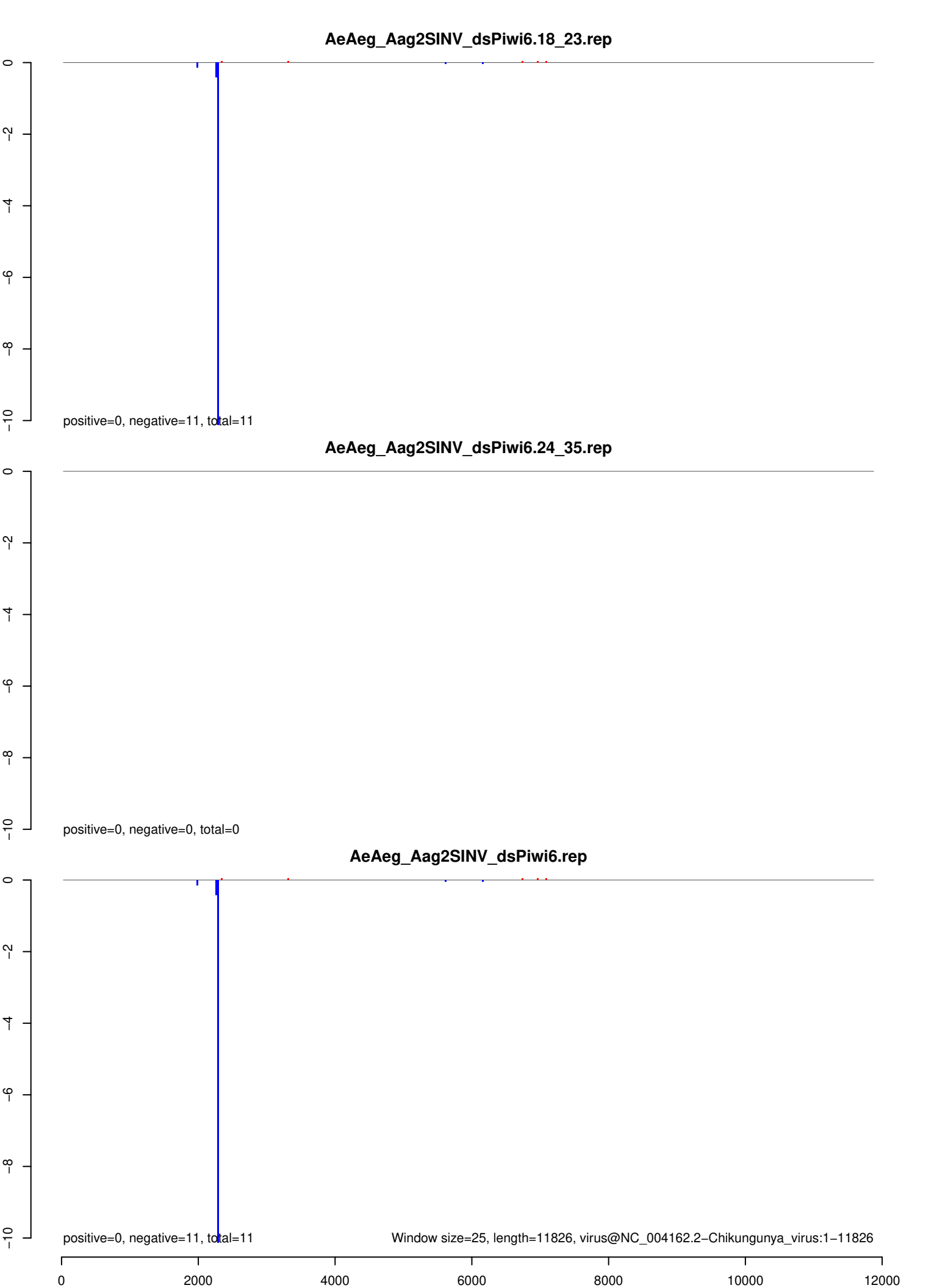
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
−2
−4
−6
−8
−10
positive=0, negative=11, total=11
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
−2
−4
−6
−8
−10
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0
−2
−4
−6
−8
−10
positive=0, negative=11, total=11
Window size=25, length=11826, virus@NC_004162.2−Chikungunya_virus:1−11826
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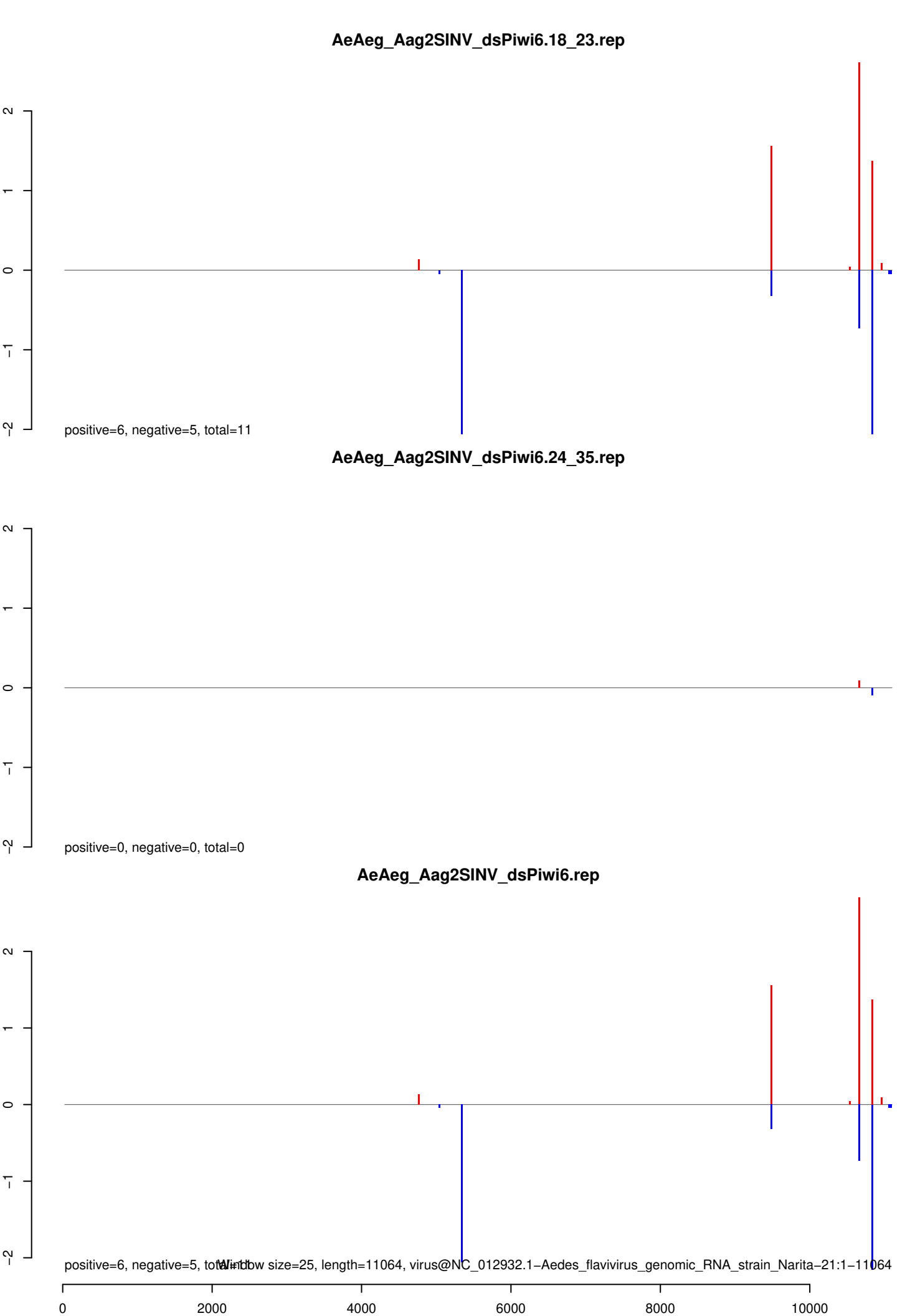
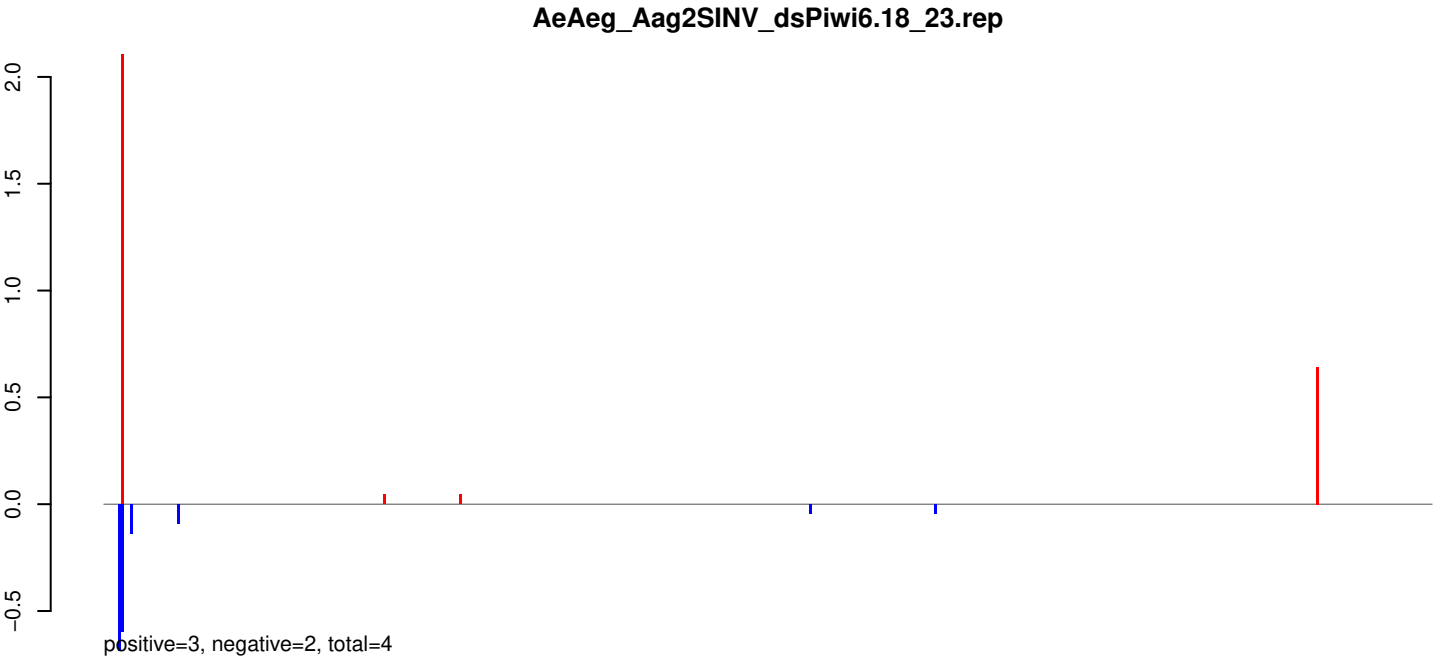
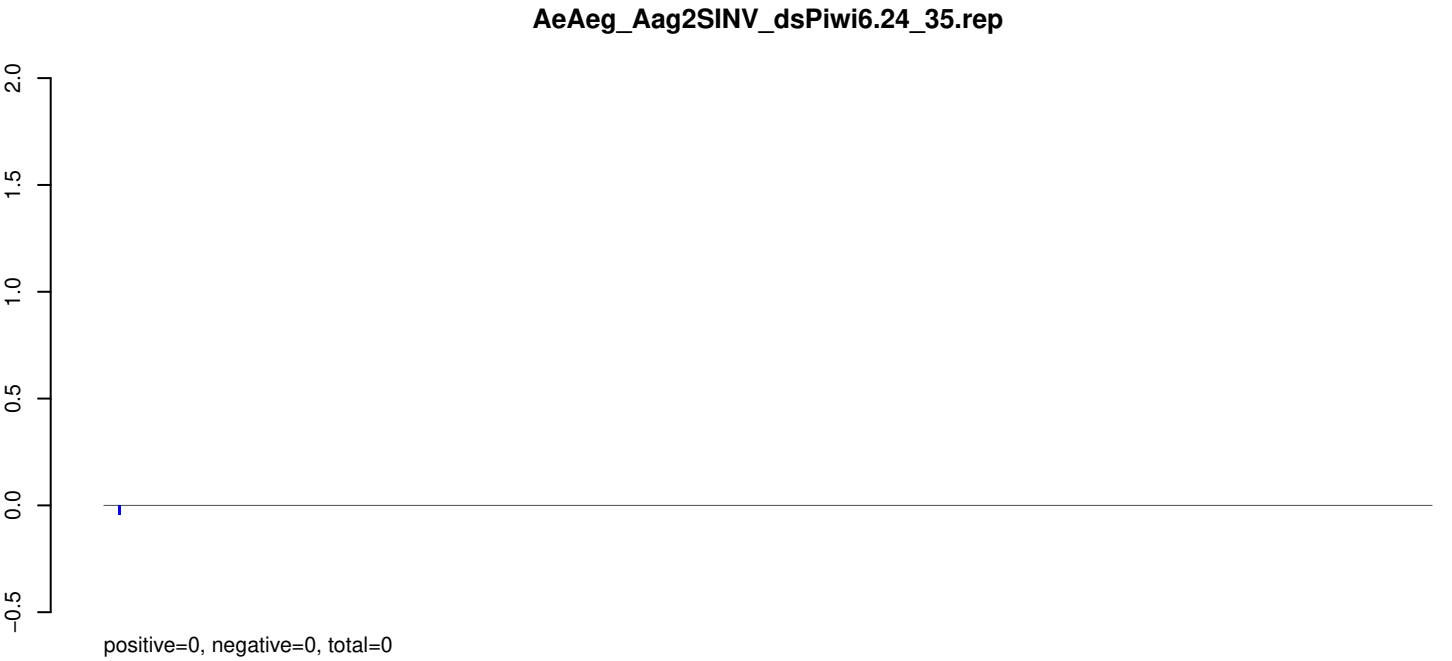
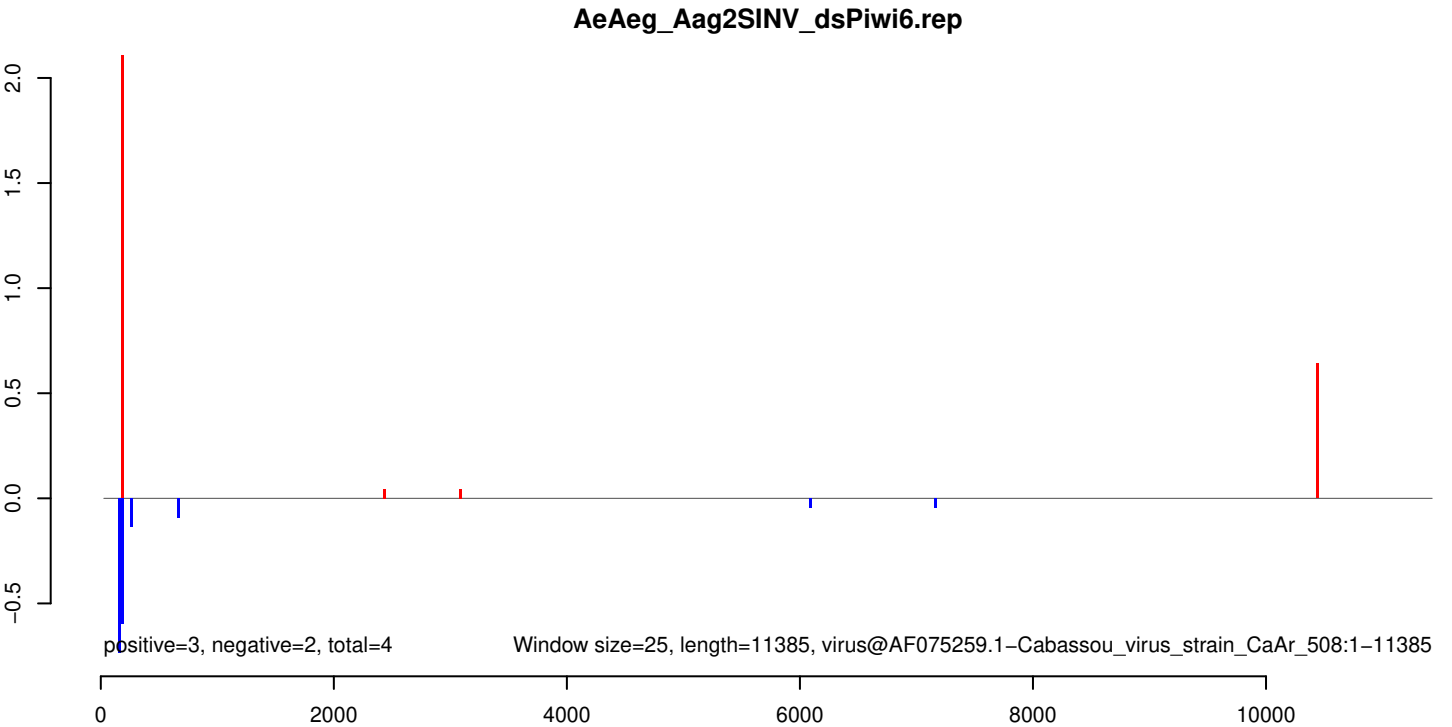
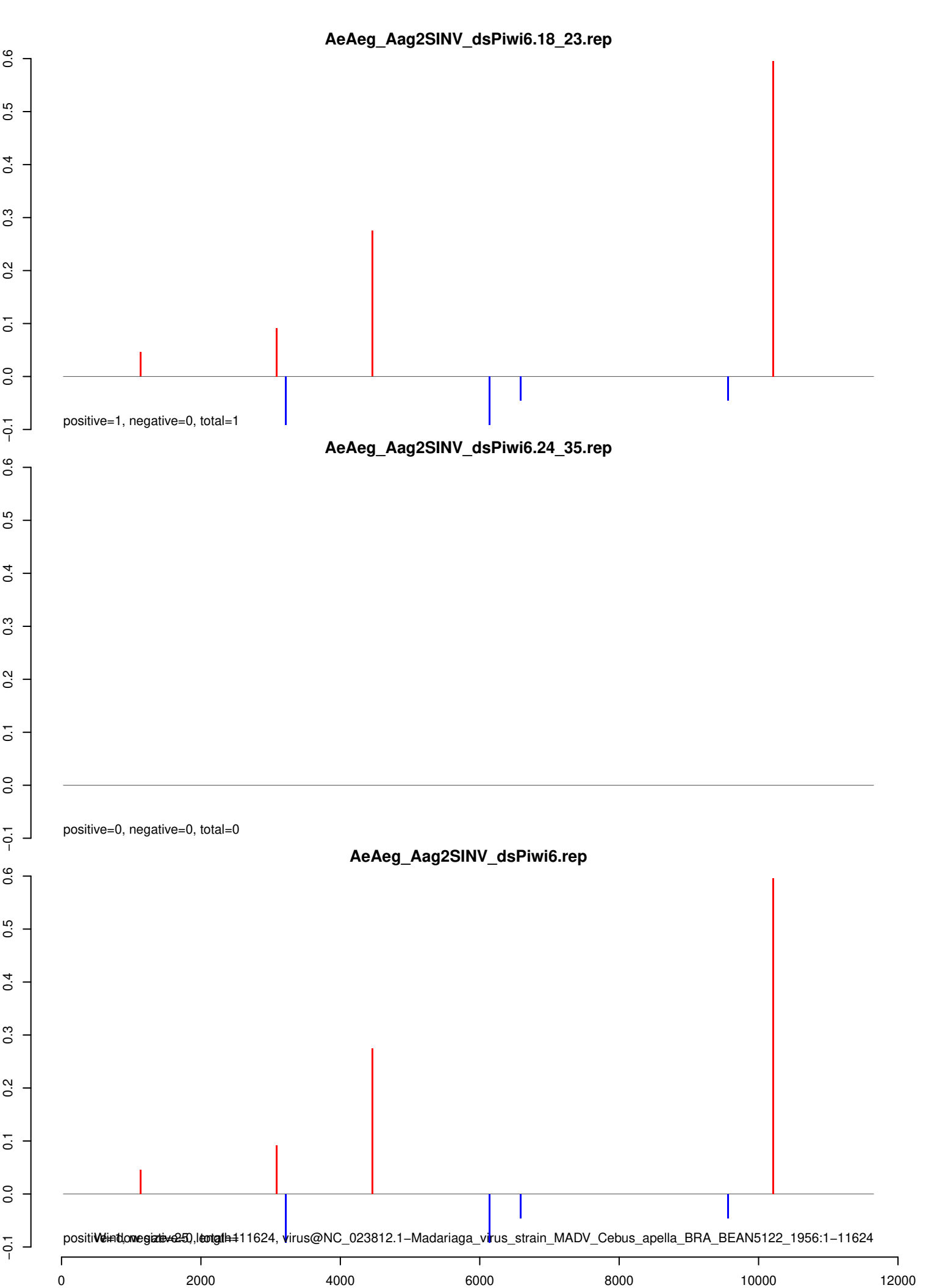
4000
6000
8000
10000
12000

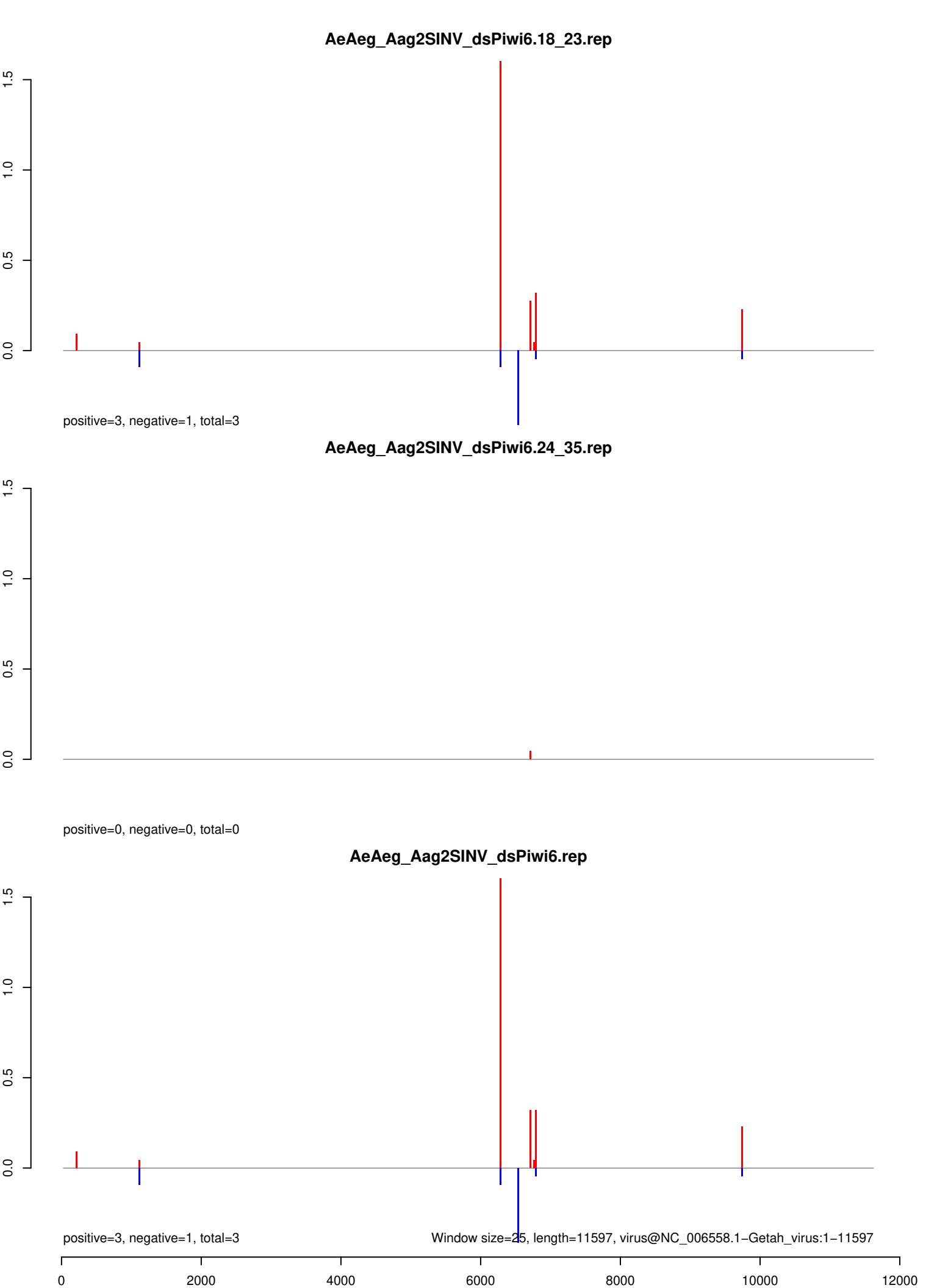

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=6, negative=5, total=11
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=6, negative=5, total=11
Window size=25, length=11064, virus@NC_012932.1−Aedes_flavivirus_genomic_RNA_strain_Narita−21:1−11064
2
1
0
−1
−2
0
2000
4000
6000
8000
10000

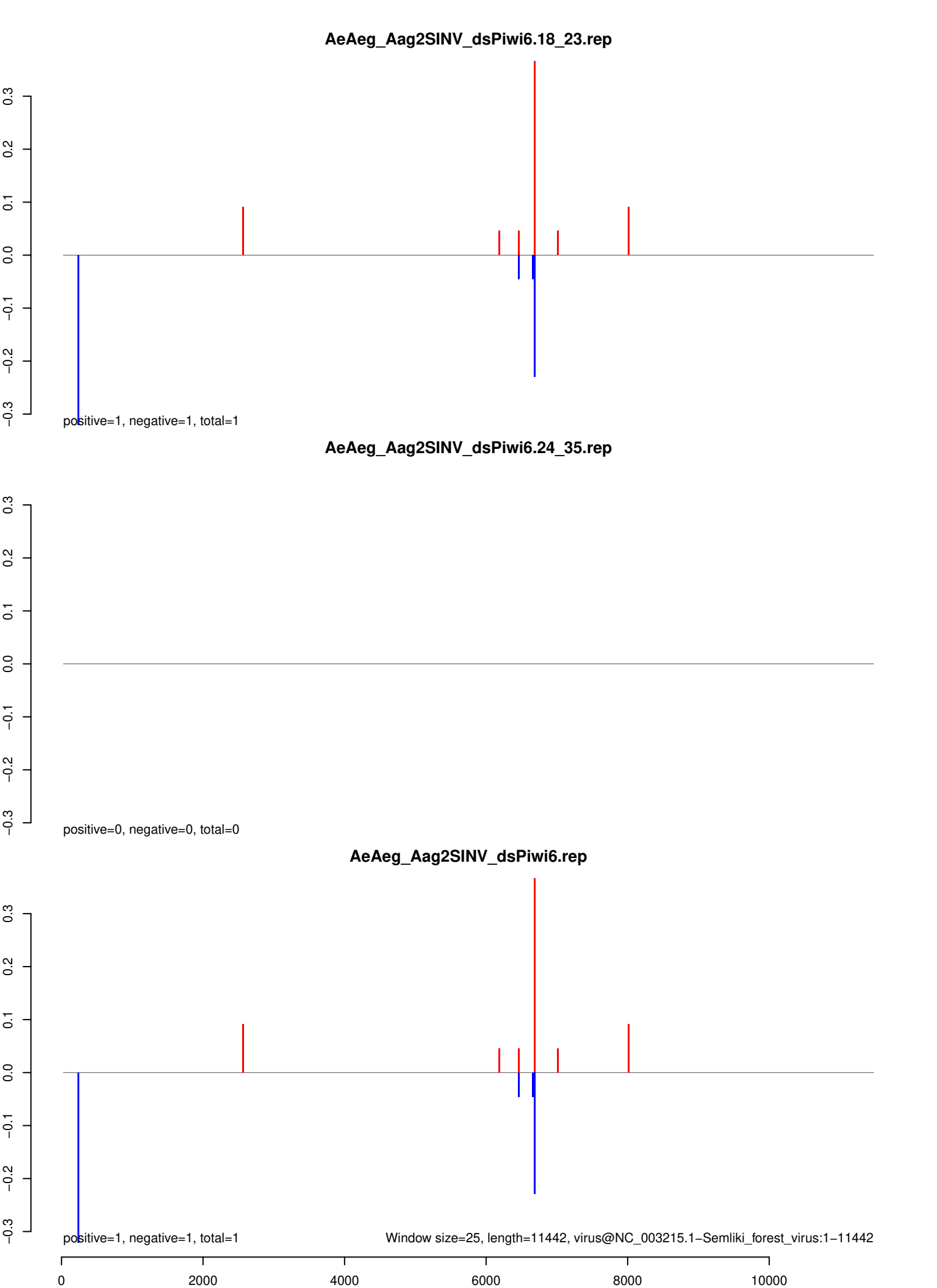

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=4

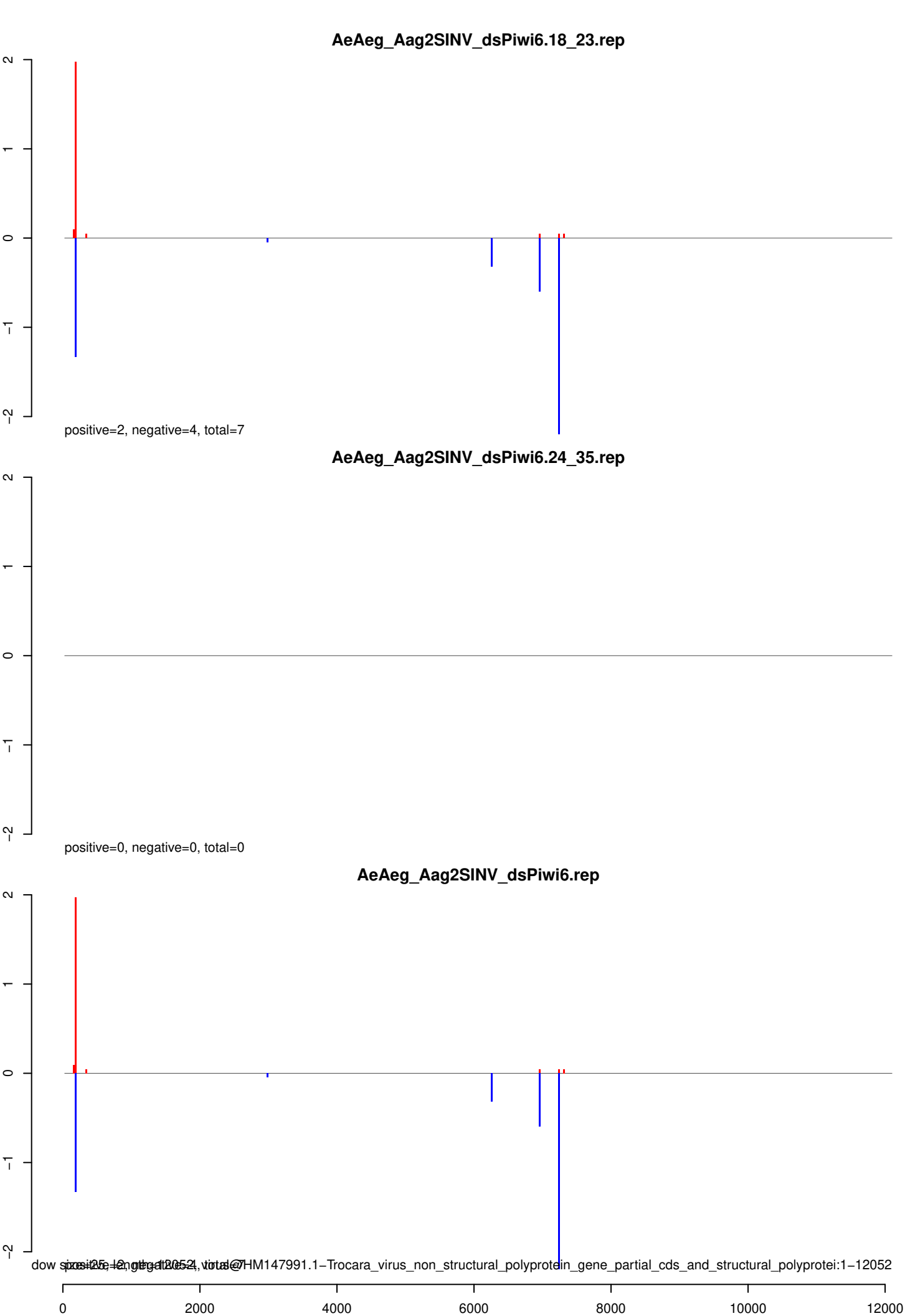

AeAeg_Aag2SINV_dsPiwi6.24_35.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=0, negative=0, total=0

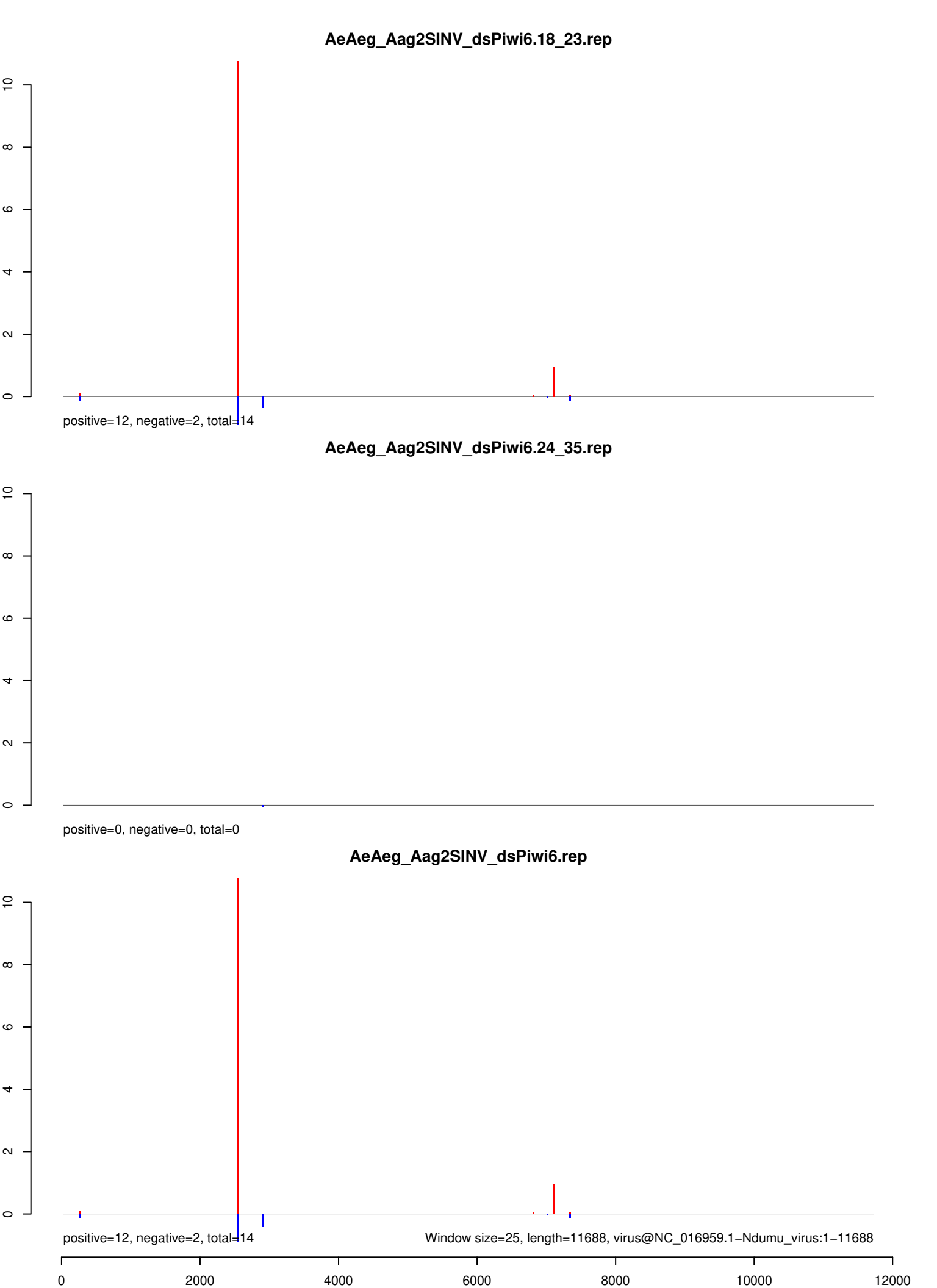

AeAeg_Aag2SINV_dsPiwi6.rep
2.0
1.5
1.0
0.5
0.0
−0.5
positive=3, negative=2, total=4
Window size=25, length=11385, virus@AF075259.1−Cabassou_virus_strain_CaAr_508:1−11385
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=1, negative=0, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=1, negative=0, total=1
Virus, length=11624, virus@NC_023812.1−Madariaga_virus_strain_MADV_Cebus_apella_BRA_BEAN5122_1956:1−11624
0.6
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
0
2000
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=3
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
1.5
1.0
0.5
0.0
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
1.5
1.0
0.5
0.0
positive=3, negative=1, total=3
Window size=25, length=11597, virus@NC_006558.1−Getah_virus:1−11597
0
2000
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=1, negative=1, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.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=11442, virus@NC_003215.1−Semliki_forest_virus:1−11442
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=2, negative=4, total=7
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
dow size=25, length=12052, total=7HM147991.1−Trocara_virus_non_structural_polyprotein_gene_partial_cds_and_structural_polyprotei:1−12052
0
2000
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
2
4
6
8
10
positive=12, negative=2, total=14
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
2
4
6
8
10
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0
2
4
6
8
10
positive=12, negative=2, total=14
Window size=25, length=11688, virus@NC_016959.1−Ndumu_virus:1−11688
0
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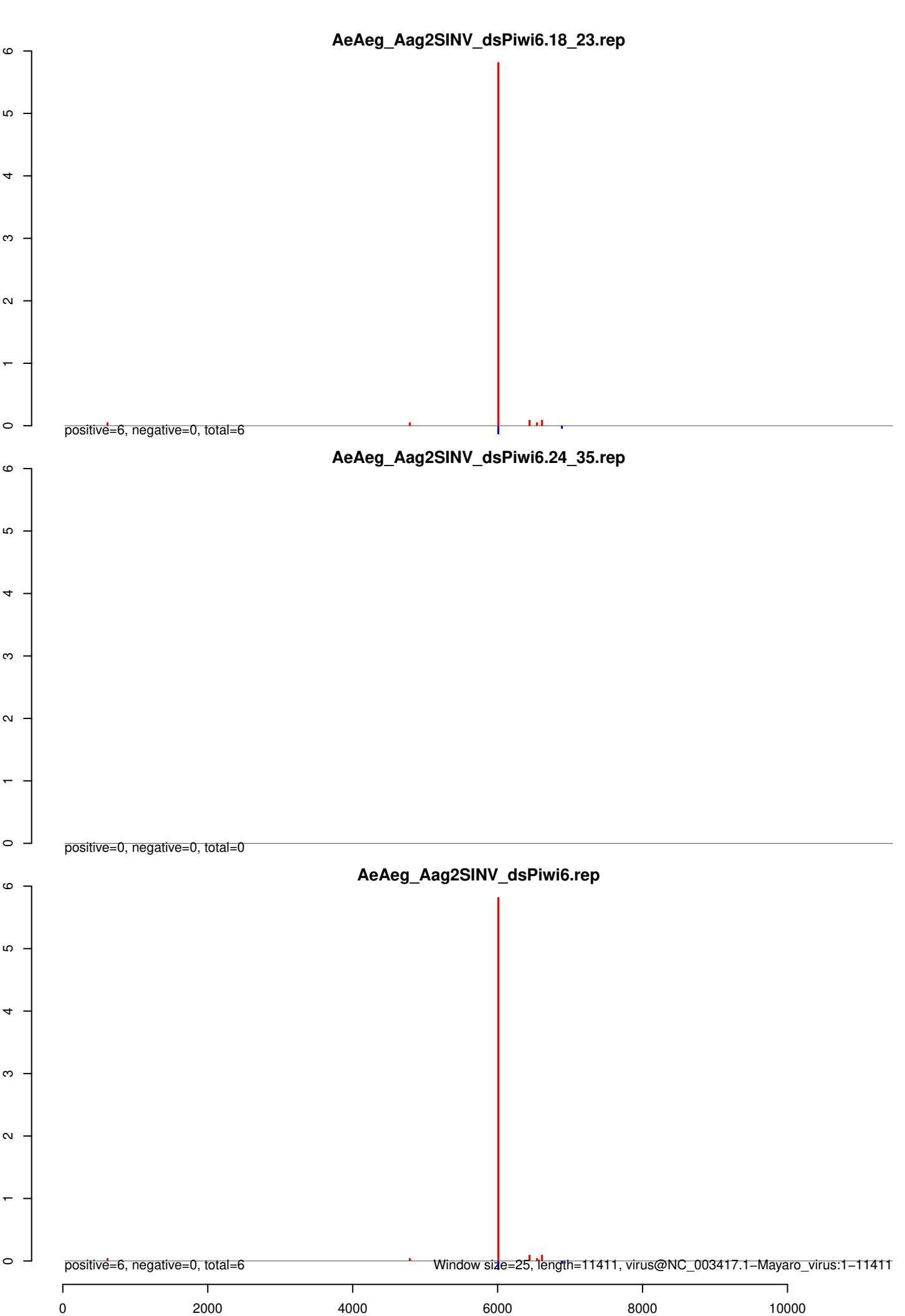
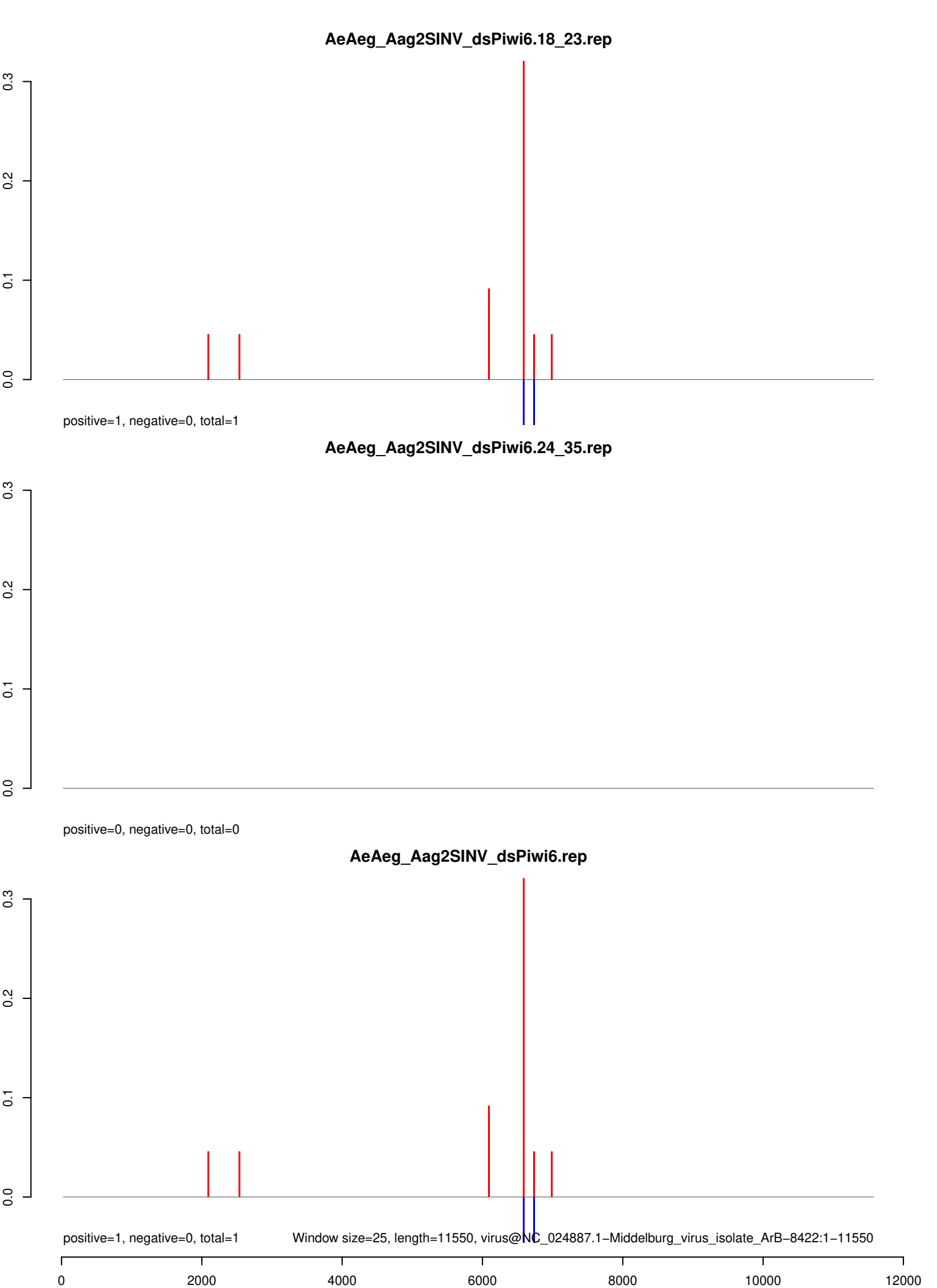
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=6, negative=0, total=6
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=6, negative=0, total=6
Window size=25, length=11411, virus@NC_003417.1–Mayaro_virus:1–11411
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.0
0.1
0.2
0.3
positive=1, negative=0, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.0
0.1
0.2
0.3
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.0
0.1
0.2
0.3
positive=1, negative=0, total=1
Window size=25, length=11550, virus@NC_024887.1−Middelburg_virus_isolate_ArB−8422:1−11550
0
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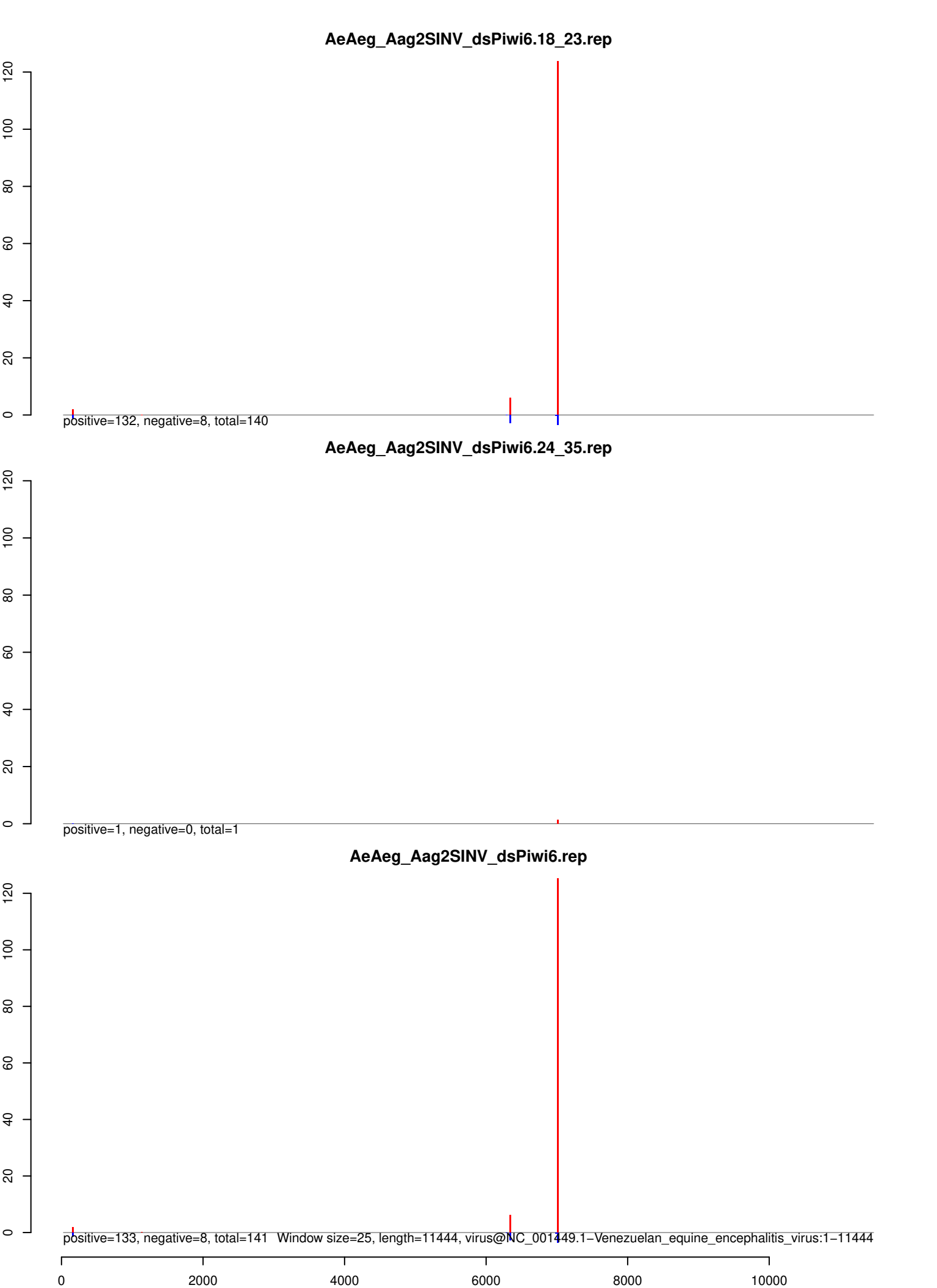
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
20
40
60
80
100
120
positive=132, negative=8, total=140
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
20
40
60
80
100
120
positive=1, negative=0, total=1
AeAeg_Aag2SINV_dsPiwi6.rep
0
20
40
60
80
100
120
positive=133, negative=8, total=141 Window size=25, length=11444, virus@NC_001449.1−Venezuelan_equine_encephalitis_virus:1−11444
0
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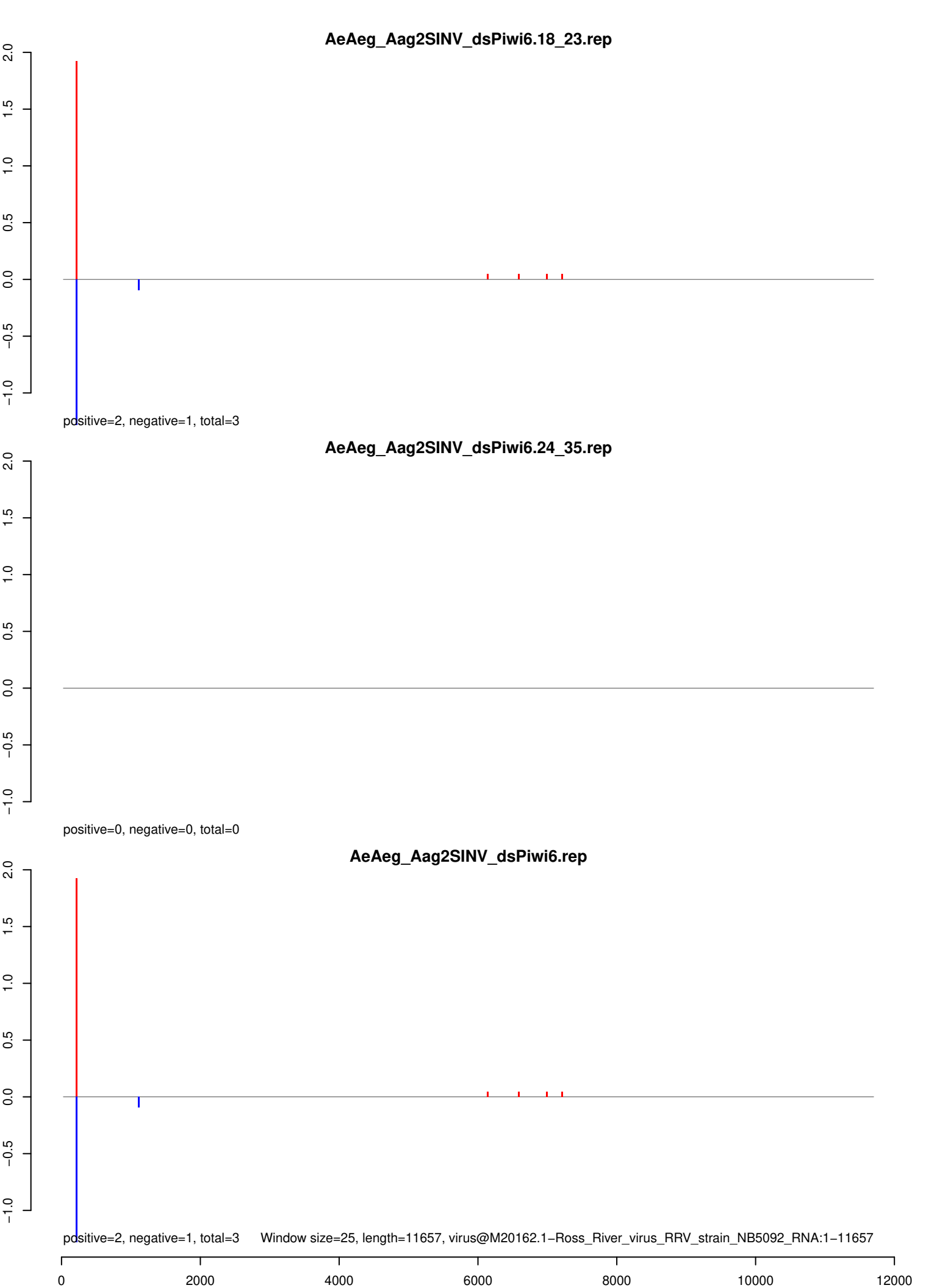
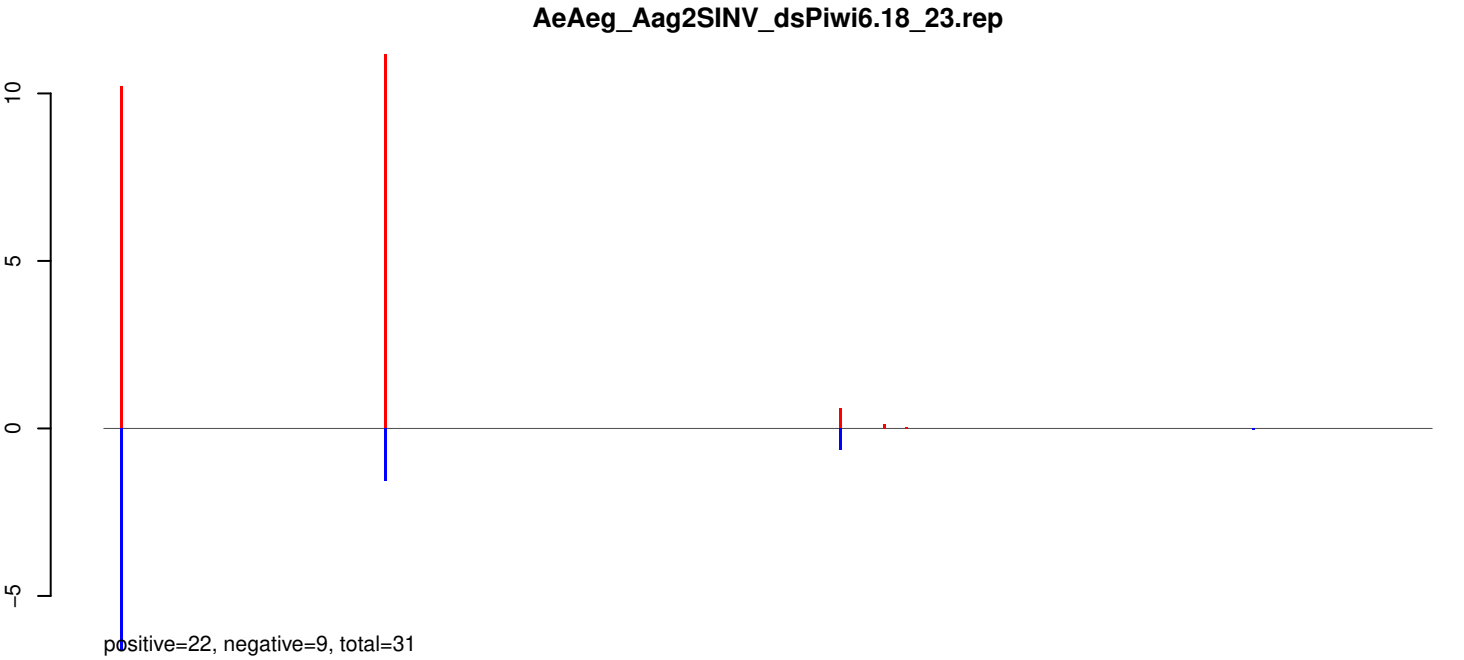
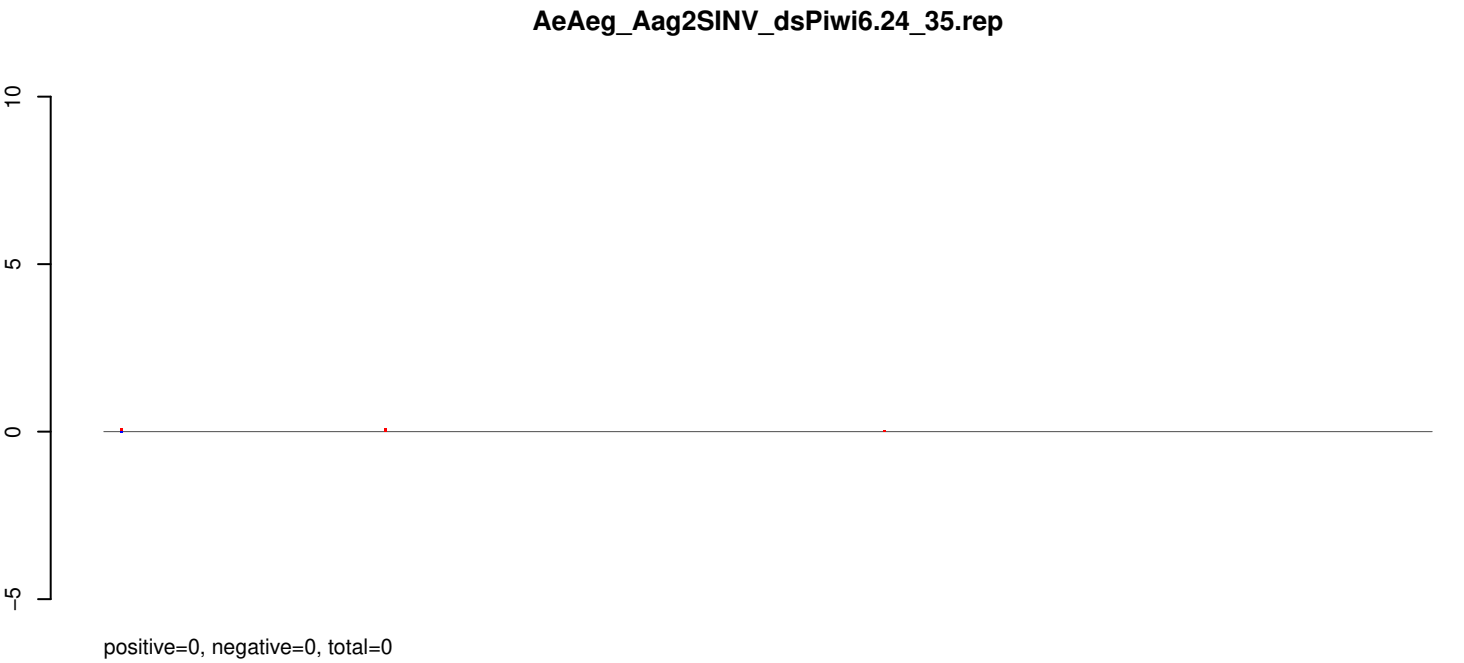
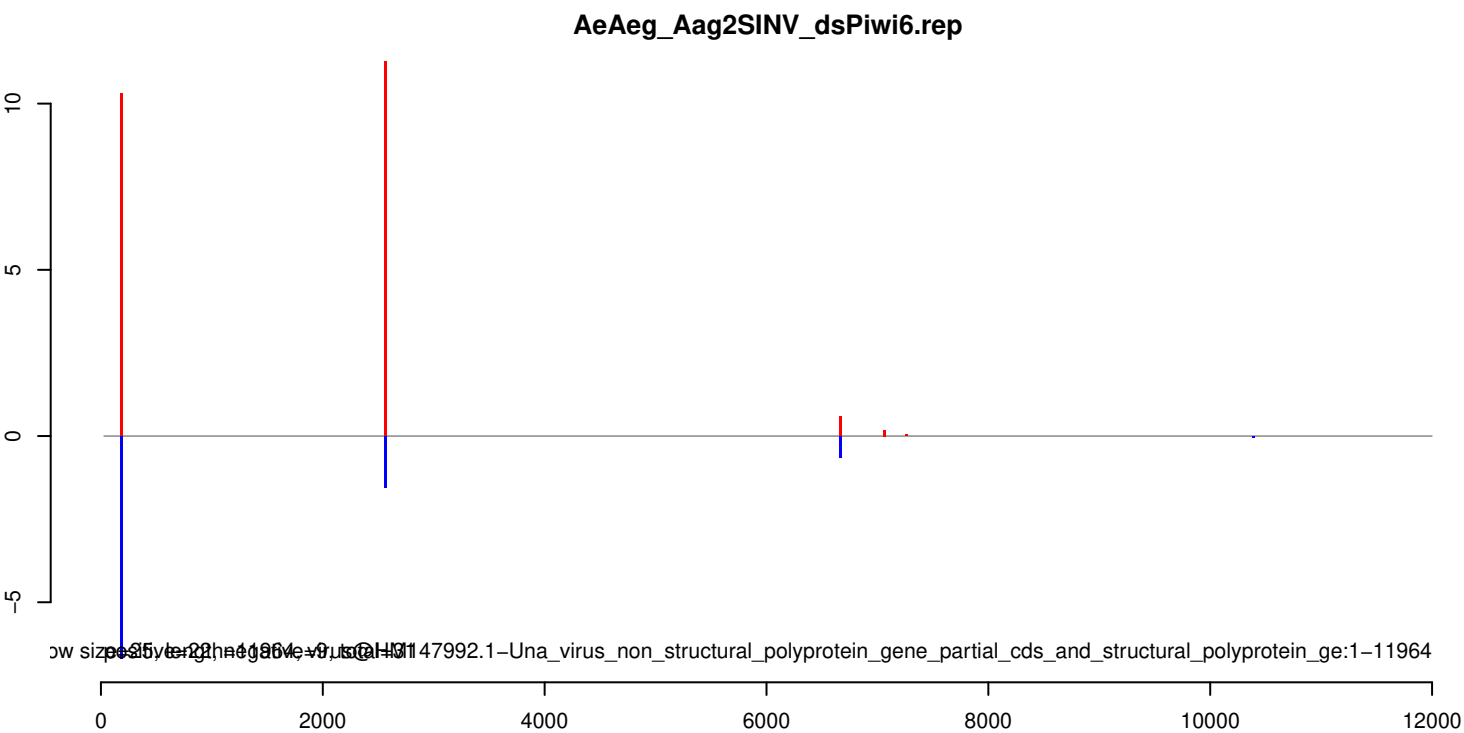
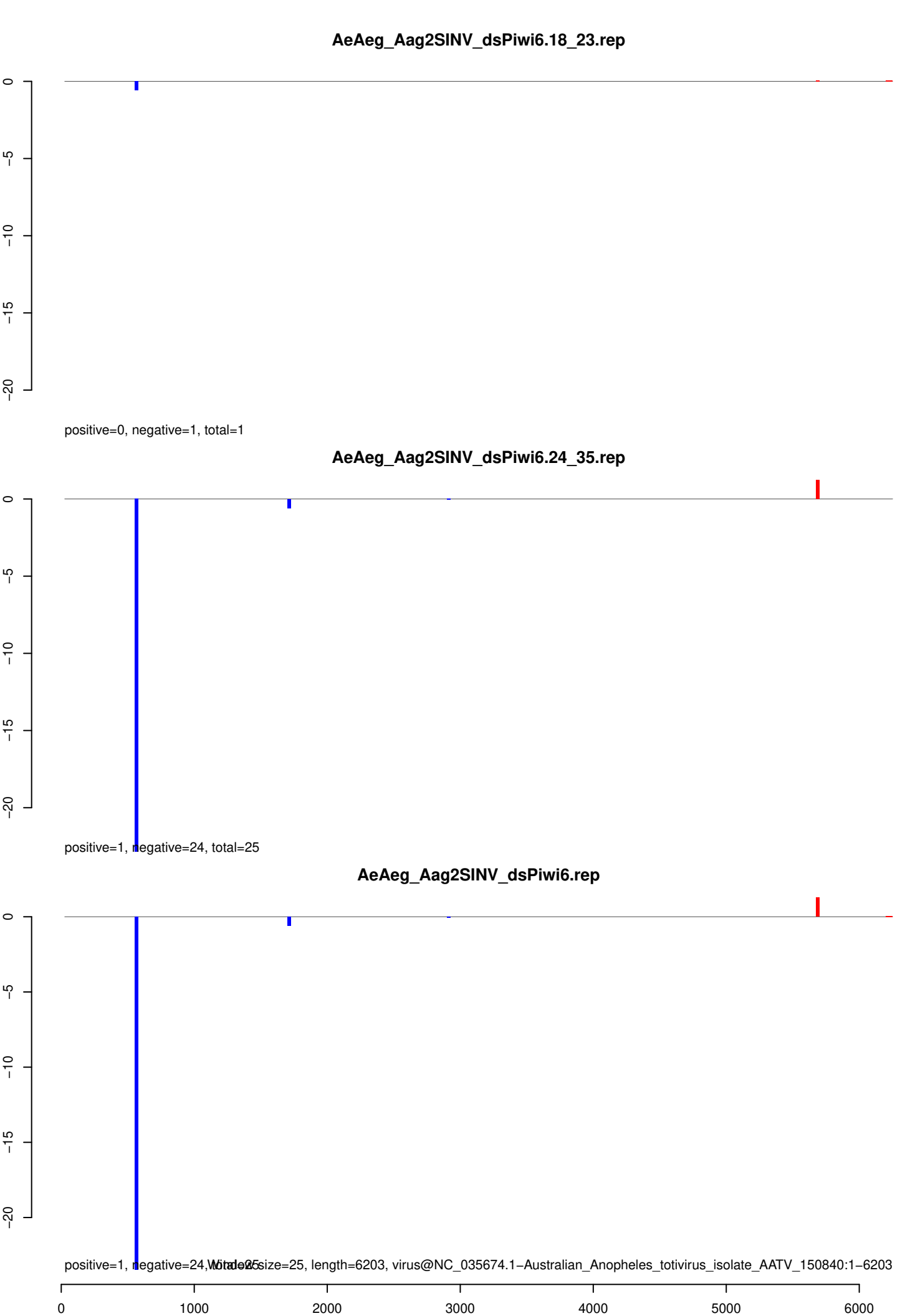
4000
6000
8000
10000

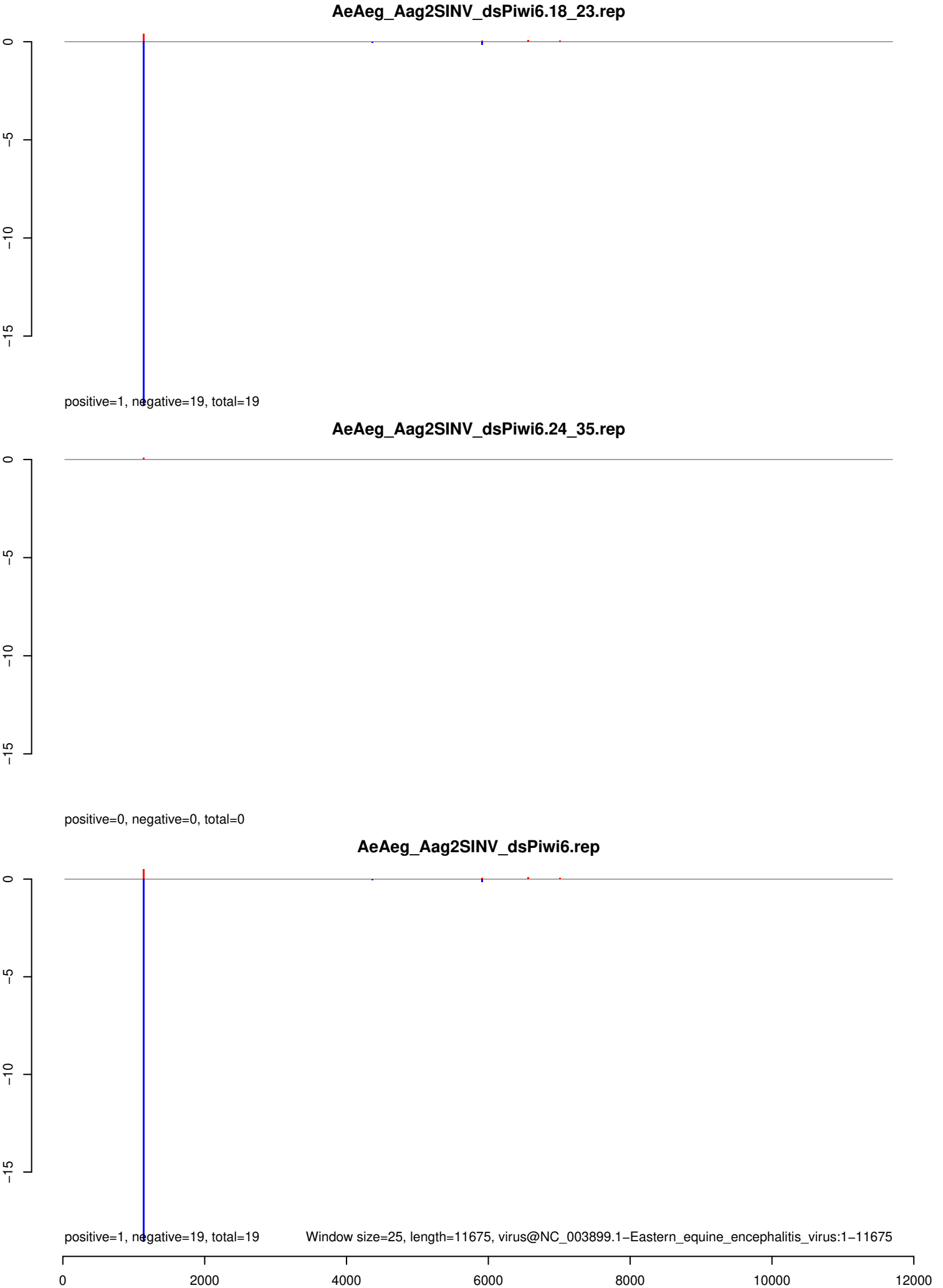

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
positive=2, negative=1, total=3
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=2, negative=1, total=3
Window size=25, length=11657, virus@M20162.1−Ross_River_virus_RRV_strain_NB5092_RNA:1−11657
0
2000
4000
6000
8000
10000
12000

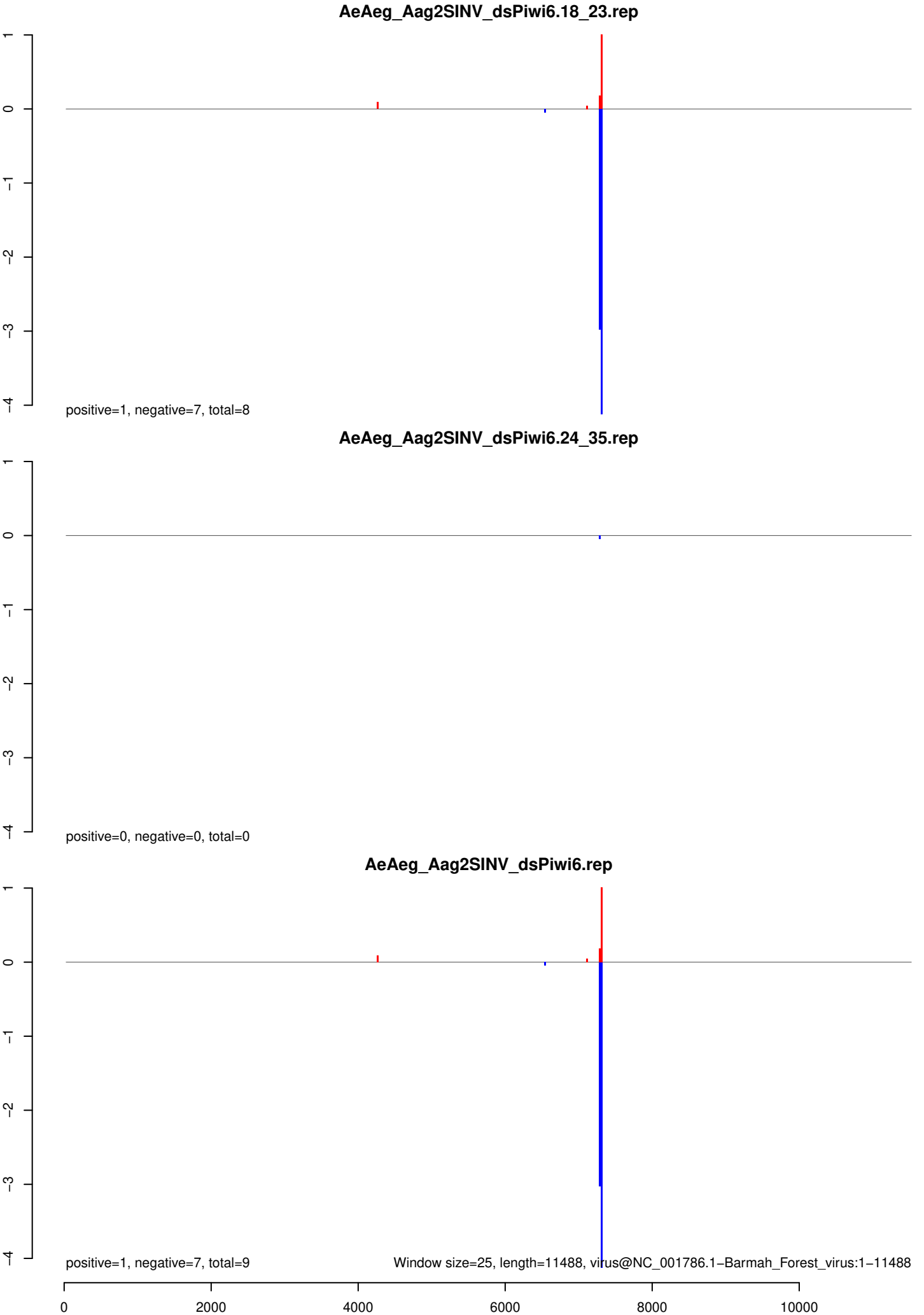

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
10
5
0
−5
positive=22, negative=9, total=31

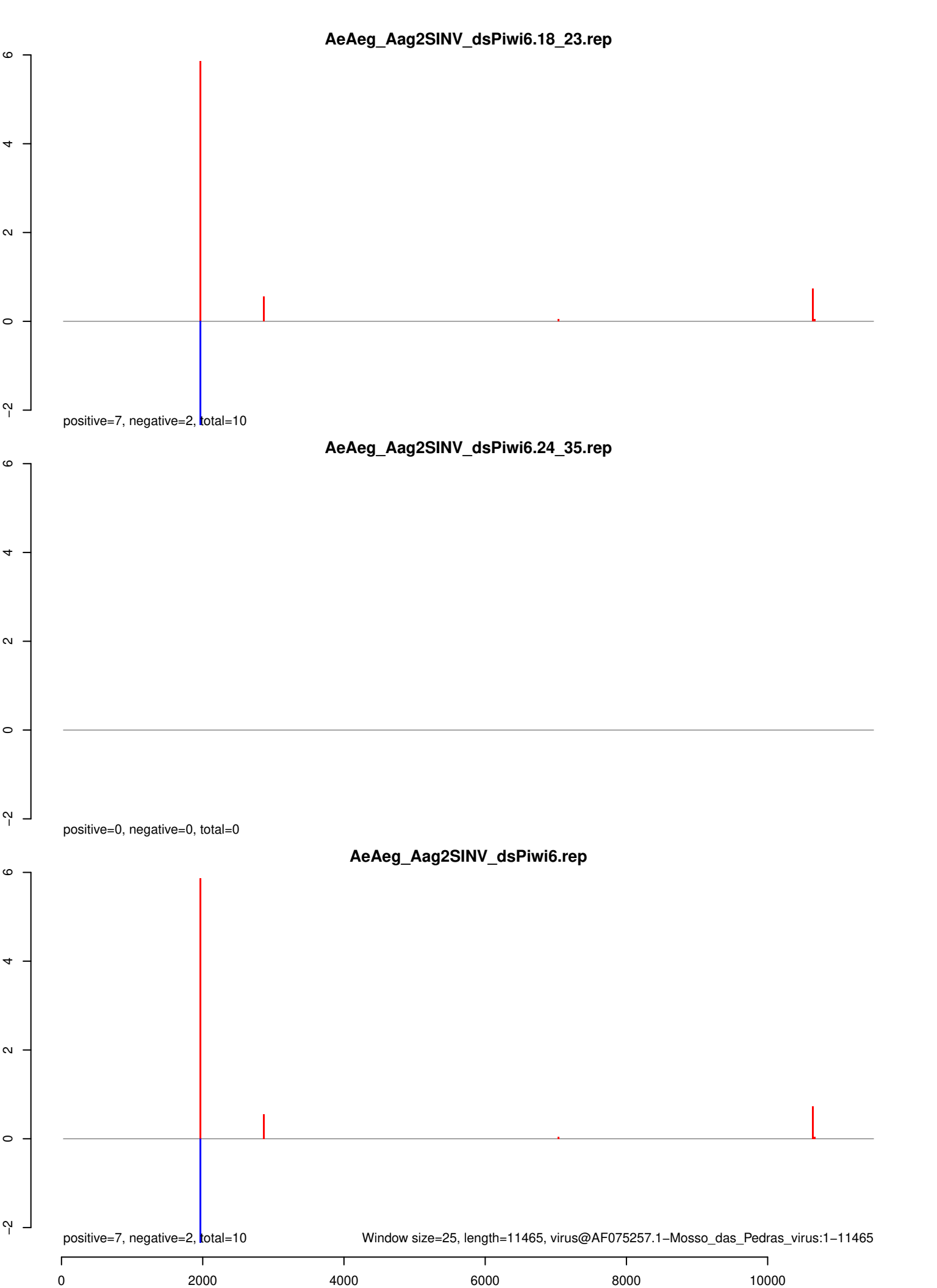

AeAeg_Aag2SINV_dsPiwi6.24_35.rep
10
5
0
−5
positive=0, negative=0, total=0

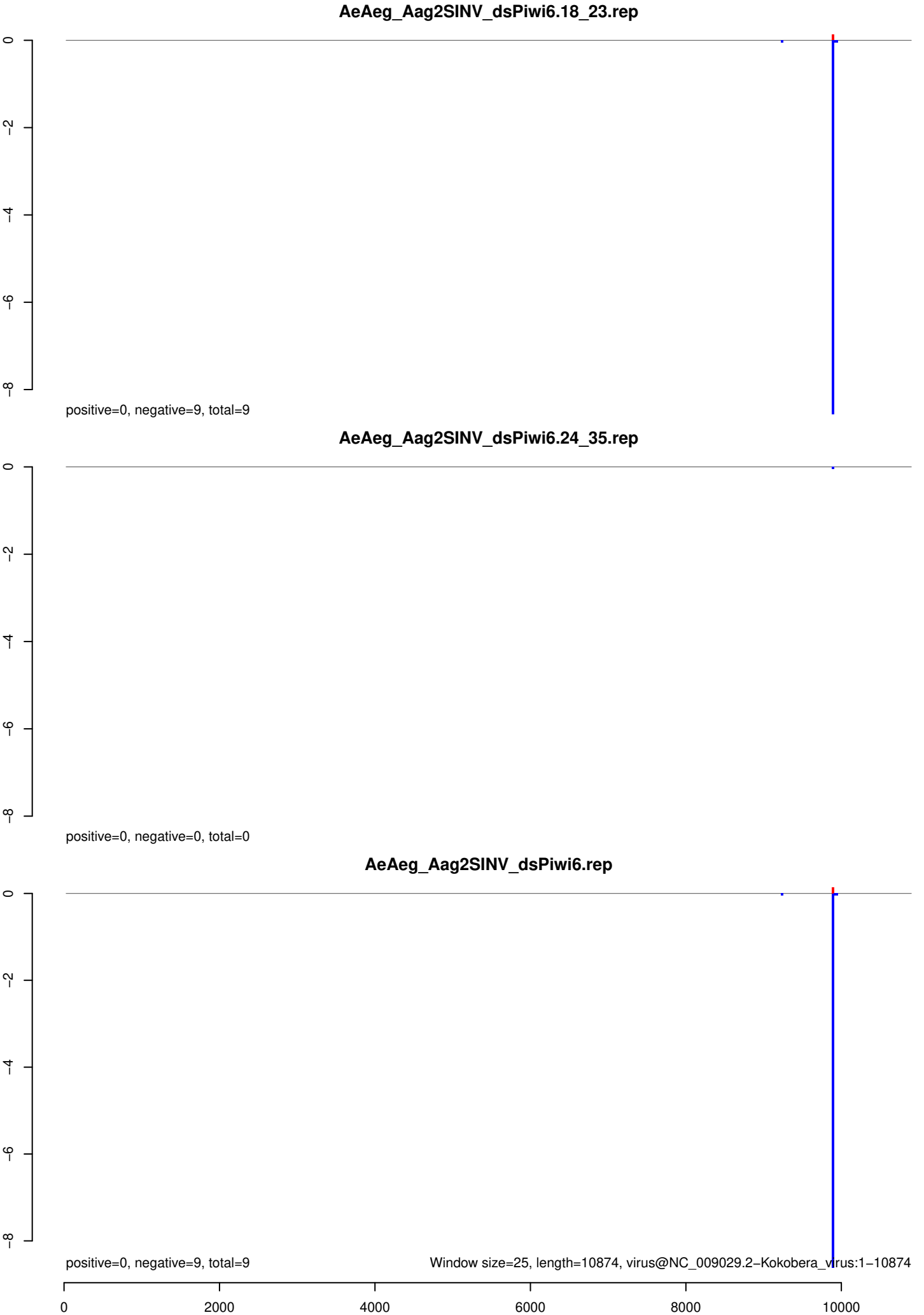

AeAeg_Aag2SINV_dsPiwi6.rep
10
5
0
−5
0
2000
4000
6000
8000
10000
12000

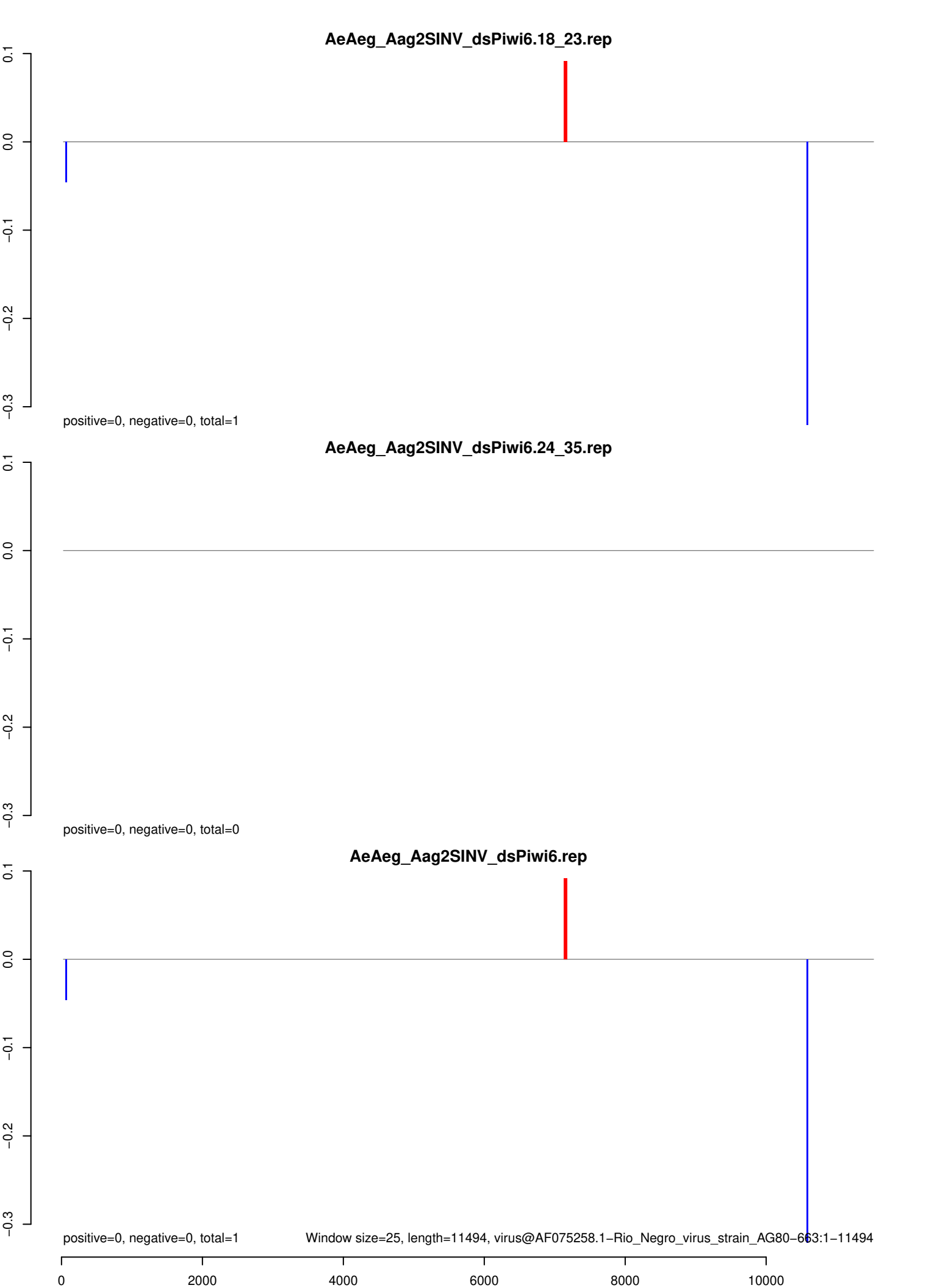

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
−5
−10
−15
−20
positive=0, negative=1, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
−5
−10
−15
−20
positive=1, negative=24, total=25
AeAeg_Aag2SINV_dsPiwi6.rep
0
−5
−10
−15
−20
positive=1, negative=24, total=25
Window size=25, length=6203, virus@NC_035674.1−Australian_Anopheles_totivirus_isolate_AATV_150840:1−6203
0
1000
2000
3000
4000
5000
6000

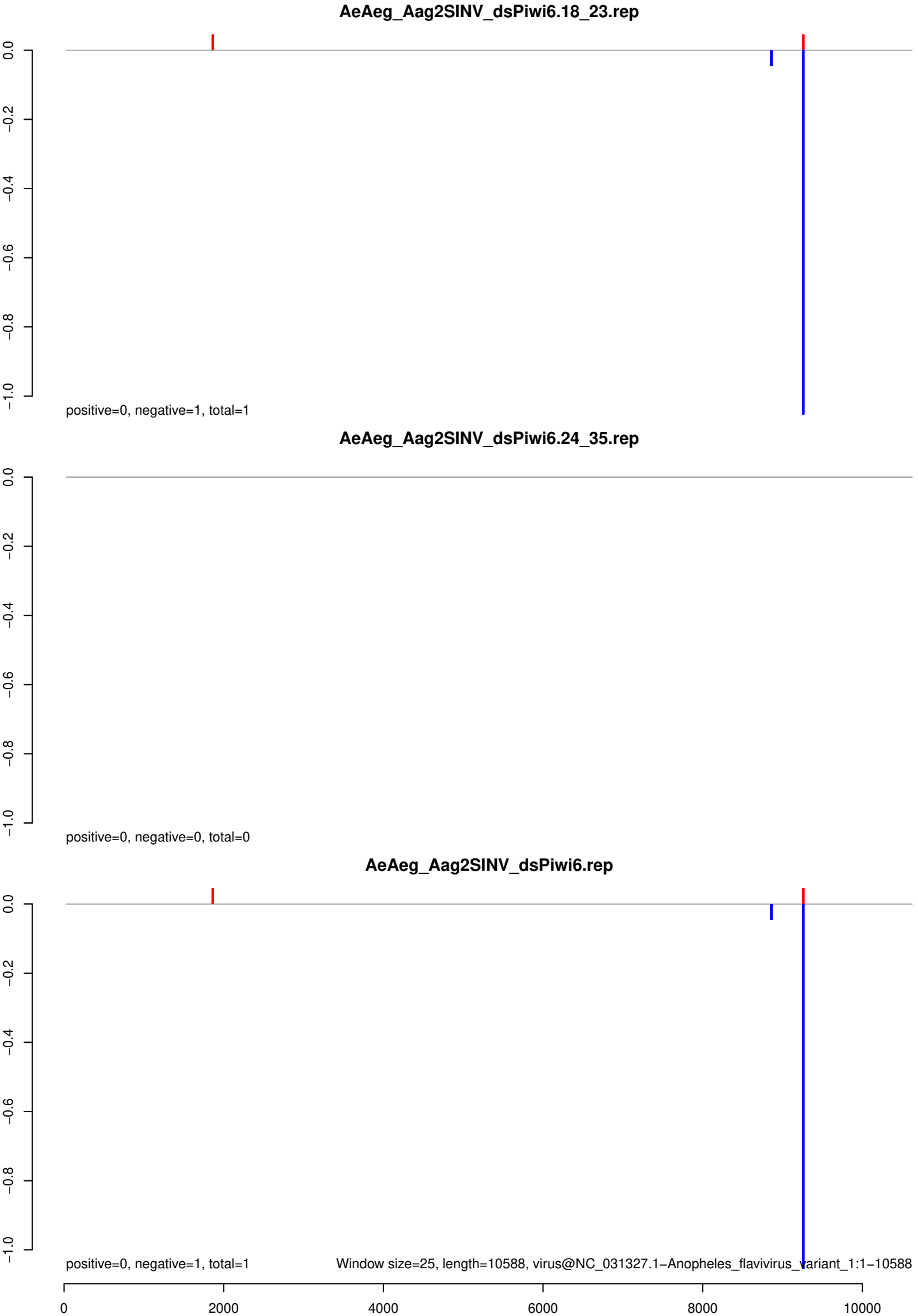

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
−5
−10
−15
positive=1, negative=19, total=19
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
−5
−10
−15
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0
−5
−10
−15
positive=1, negative=19, total=19
Window size=25, length=11675, virus@NC_003899.1−Eastern_equine_encephalitis_virus:1−11675
0
2000
4000
6000
8000
10000
12000

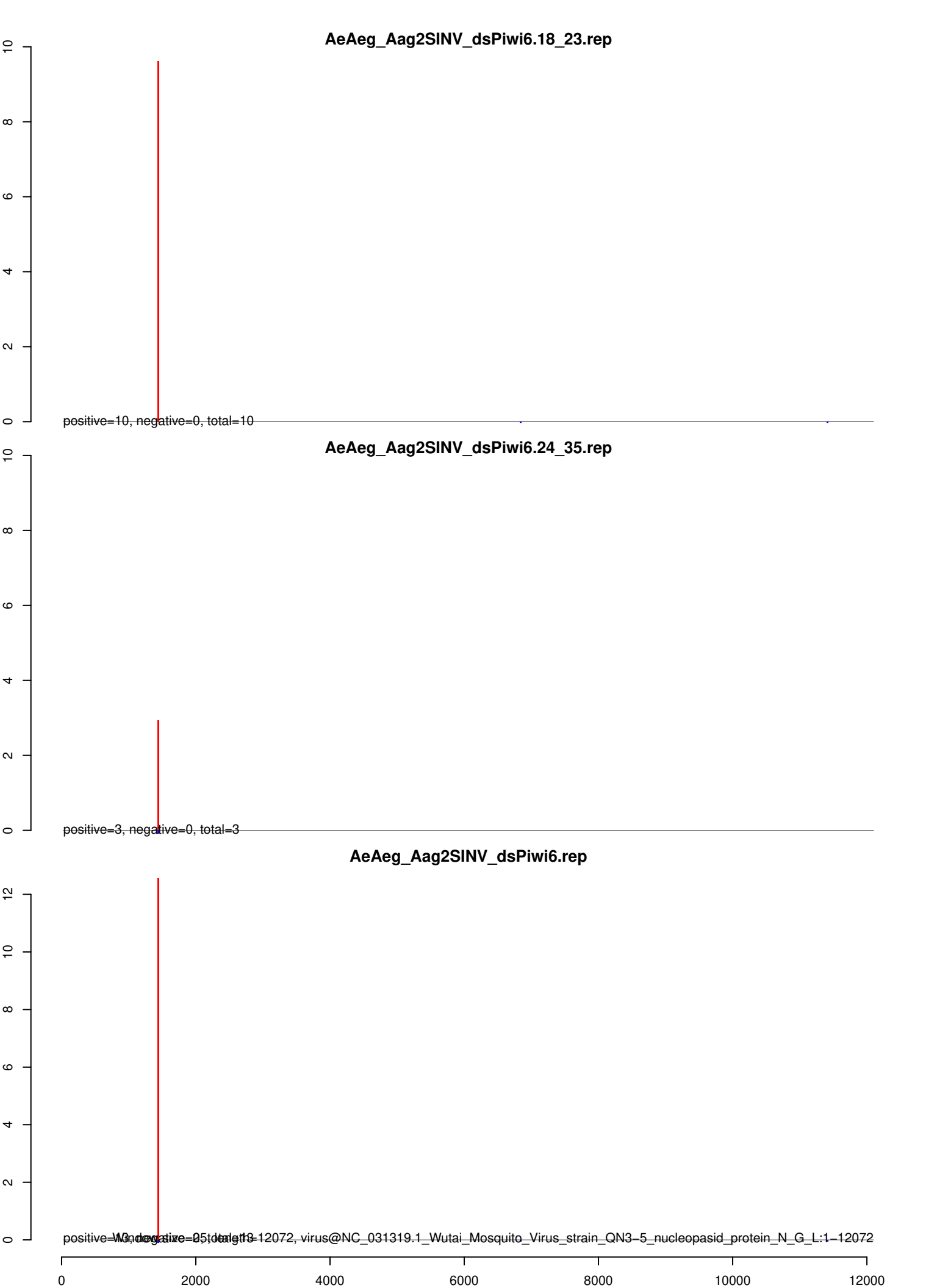

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=1, negative=7, total=8
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=1, negative=7, total=9
Window size=25, length=11488, virus@NC_001786.1−Barmah_Forest_virus:1−11488
1
0
−1
−2
−3
−4
0
2000
4000
6000
8000
10000

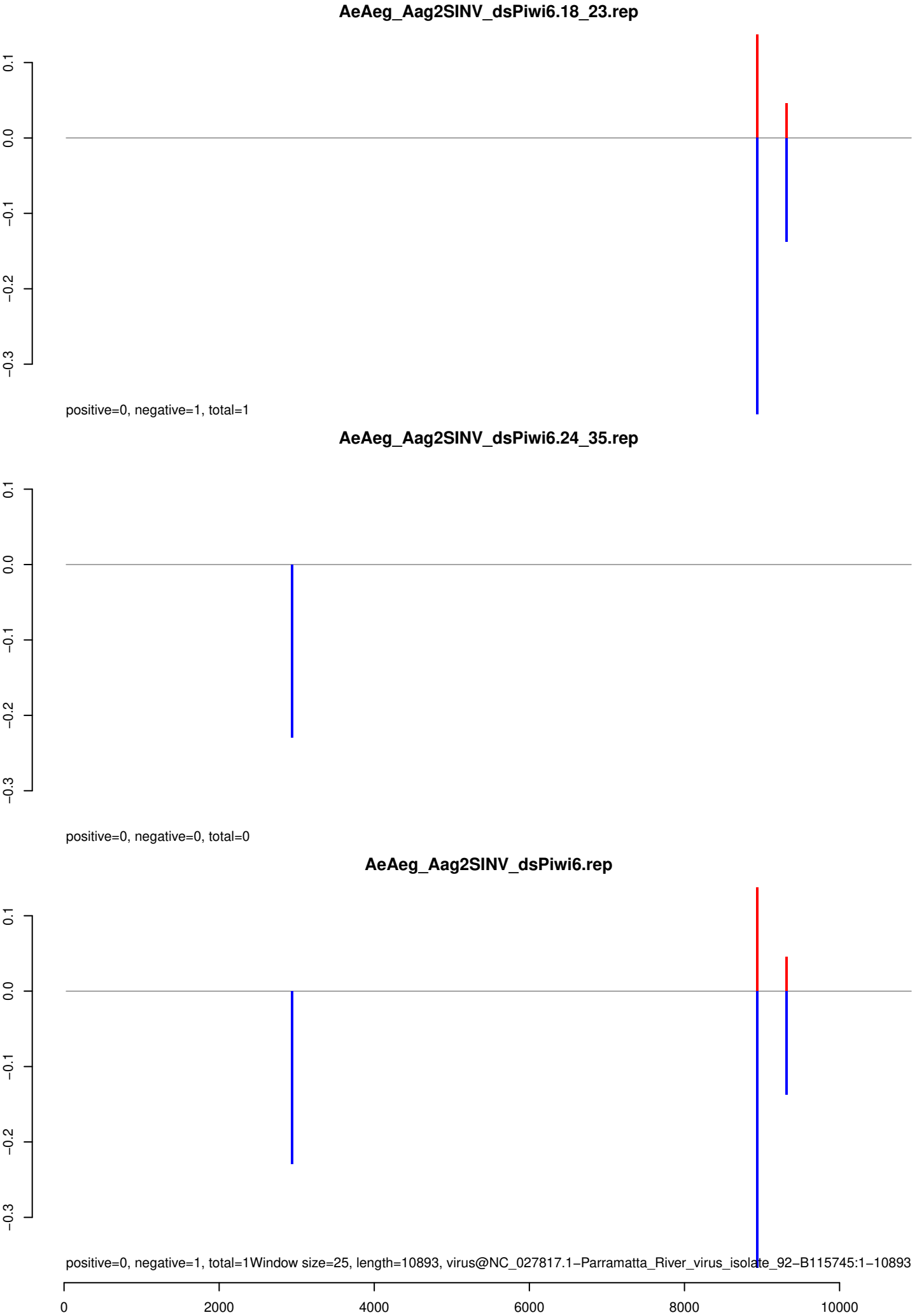

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
6
4
2
0
−2
positive=7, negative=2, total=10
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
6
4
2
0
−2
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
6
4
2
0
−2
positive=7, negative=2, total=10
Window size=25, length=11465, virus@AF075257.1−Mosso_das_Pedras_virus:1−11465
0
2000
4000
6000
8000
10000

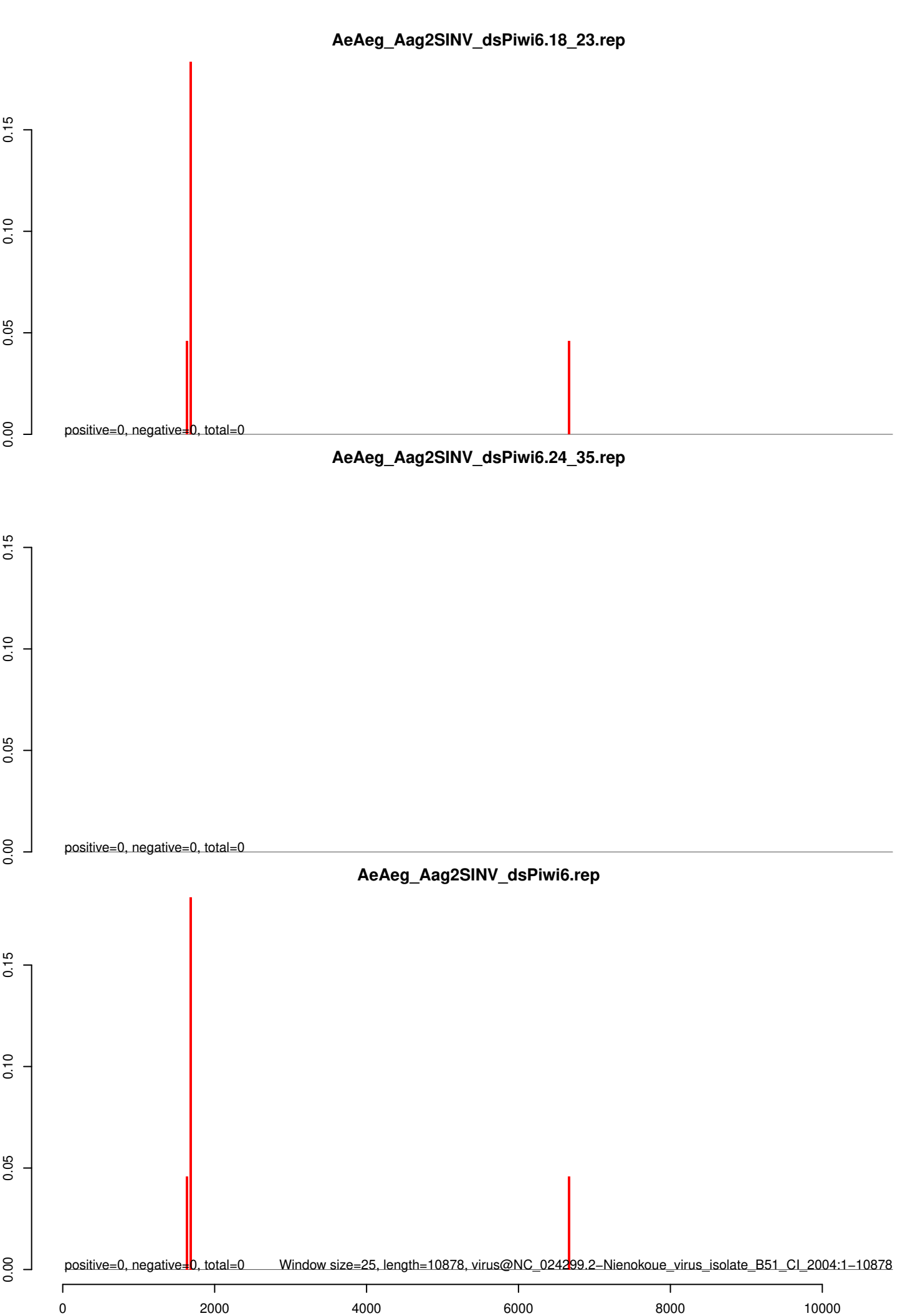

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
−2
−4
−6
−8
positive=0, negative=9, total=9
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
−2
−4
−6
−8
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0
−2
−4
−6
−8
positive=0, negative=9, total=9
Window size=25, length=10874, virus@NC_009029.2−Kokobera_virus:1−10874
0
2000
4000
6000
8000
10000

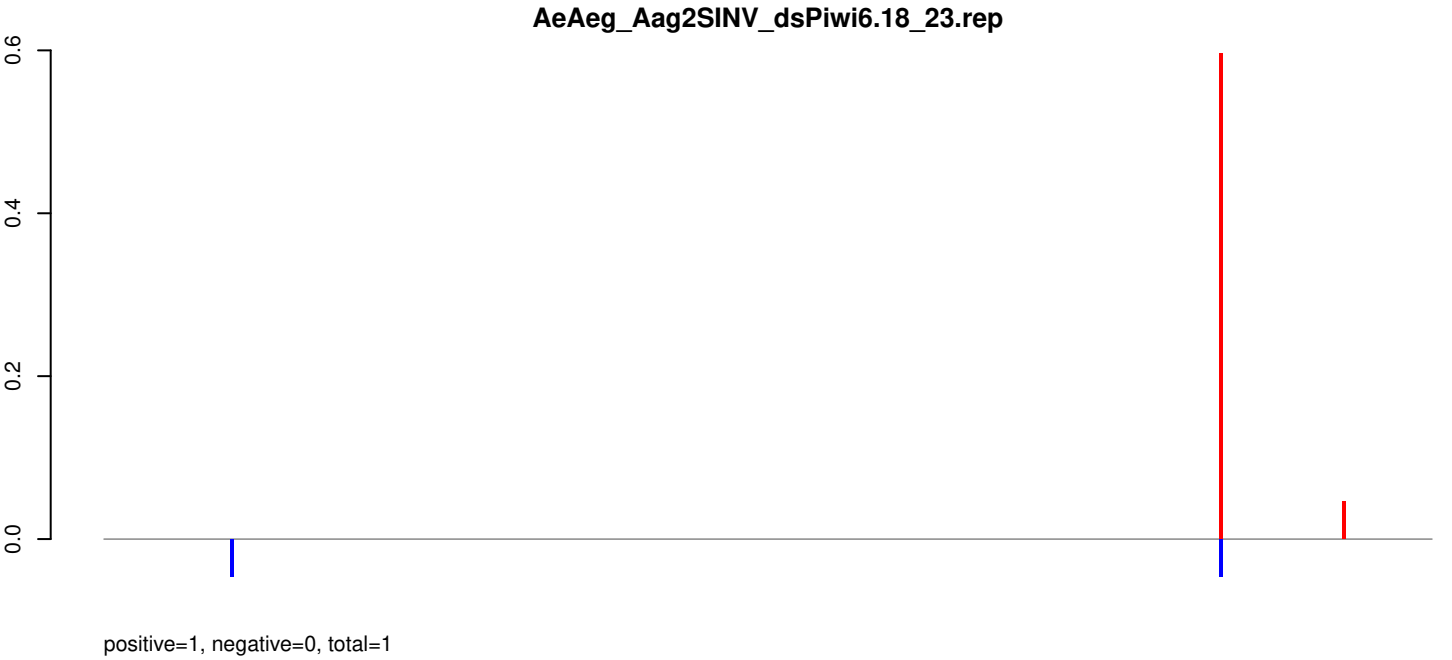

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=1
Window size=25, length=11494, virus@AF075258.1−Rio_Negro_virus_strain_AG80−663:1−11494
0
2000
4000
6000
8000
10000

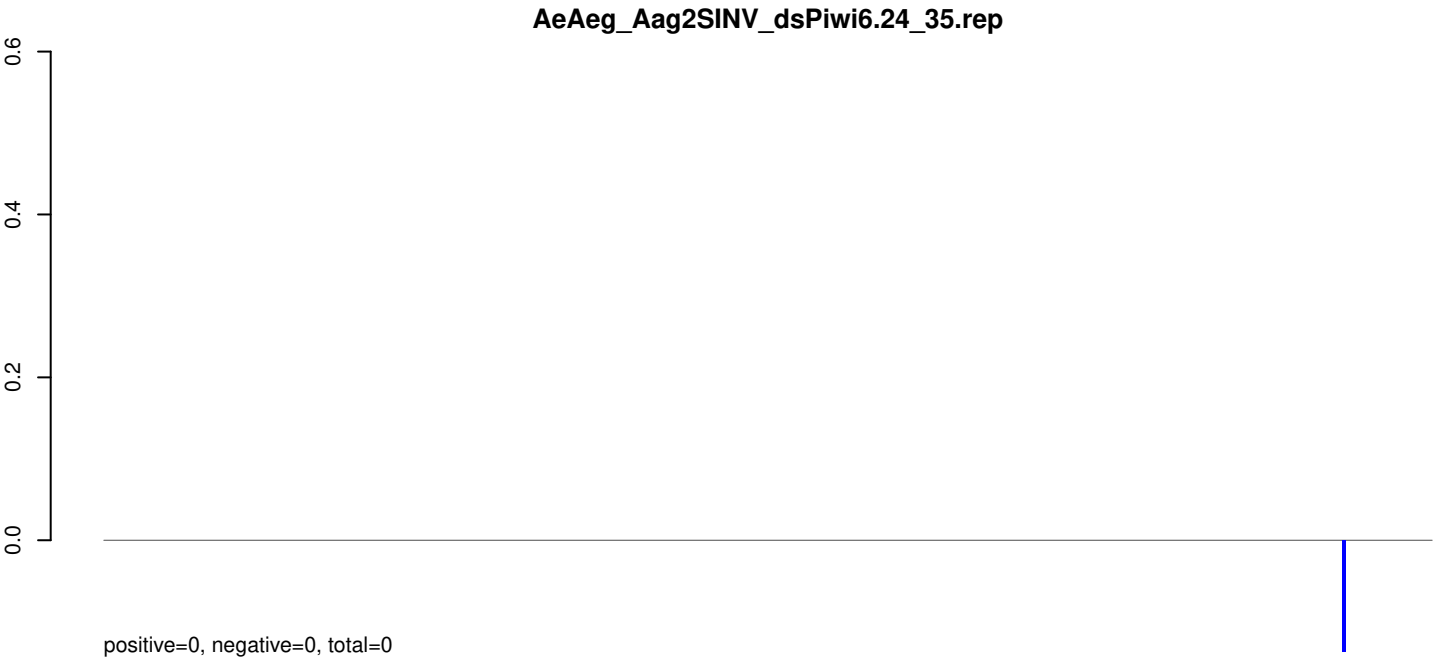

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=1
Window size=25, length=10588, virus@NC_031327.1−Anopheles_flavivirus_variant_1:1−10588
0
2000
4000
6000
8000
10000

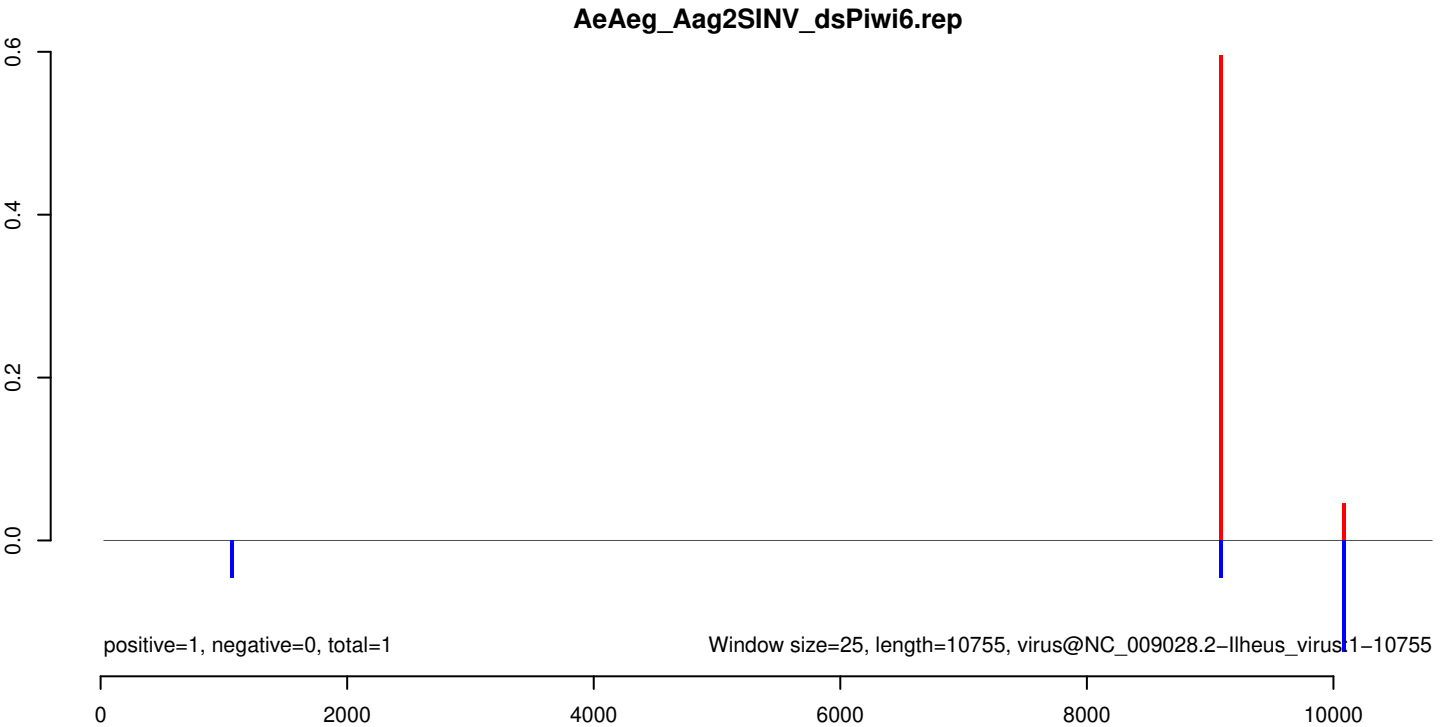

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=10, negative=0, total=10
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=3, negative=0, total=3
AeAeg_Aag2SINV_dsPiwi6.rep
positive=13, negative=0, total=13
0
2000
4000
6000
8000
10000
12000

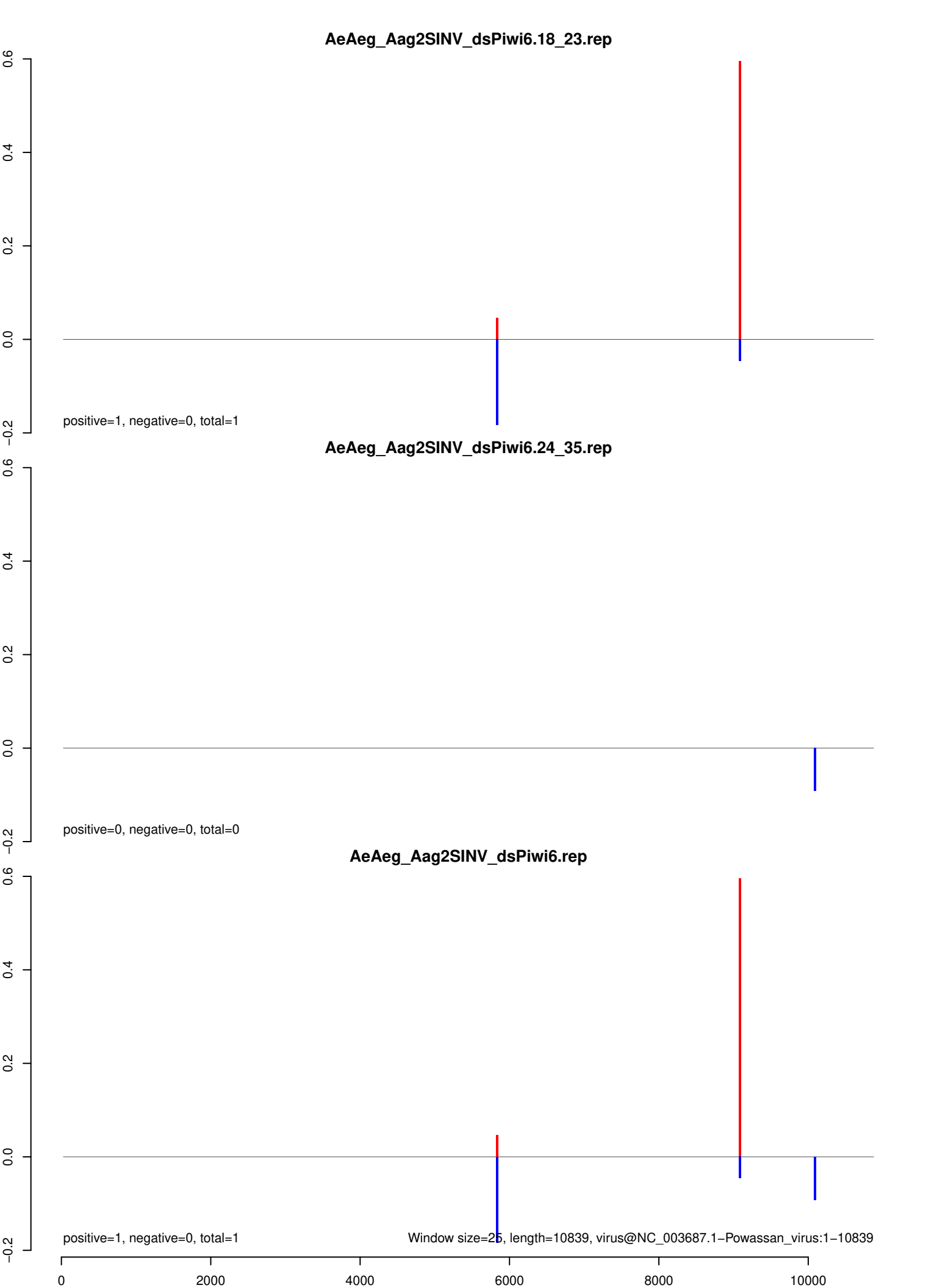

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.1
0.0
−0.1
−0.2
−0.3
positive=0, negative=1, total=1Window size=25, length=10893, virus@NC_027817.1−Parramatta_River_virus_isolate_92−B115745:1−10893
0
2000
4000
6000
8000
10000

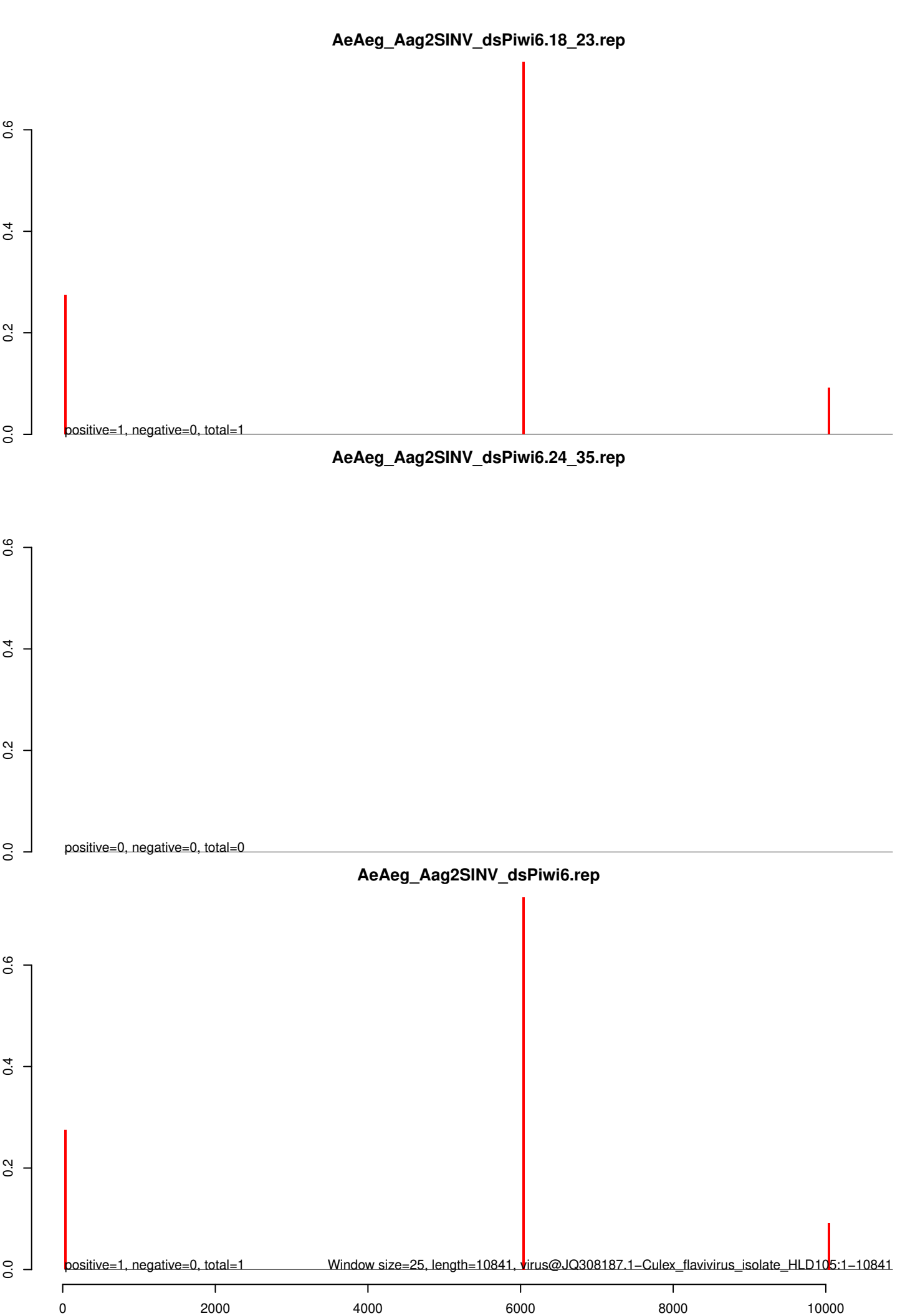

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=10878, virus@NC_024299.2–Nienokoue_virus_isolate_B51_CI_2004:1–10878
0
2000
4000
6000
8000
10000

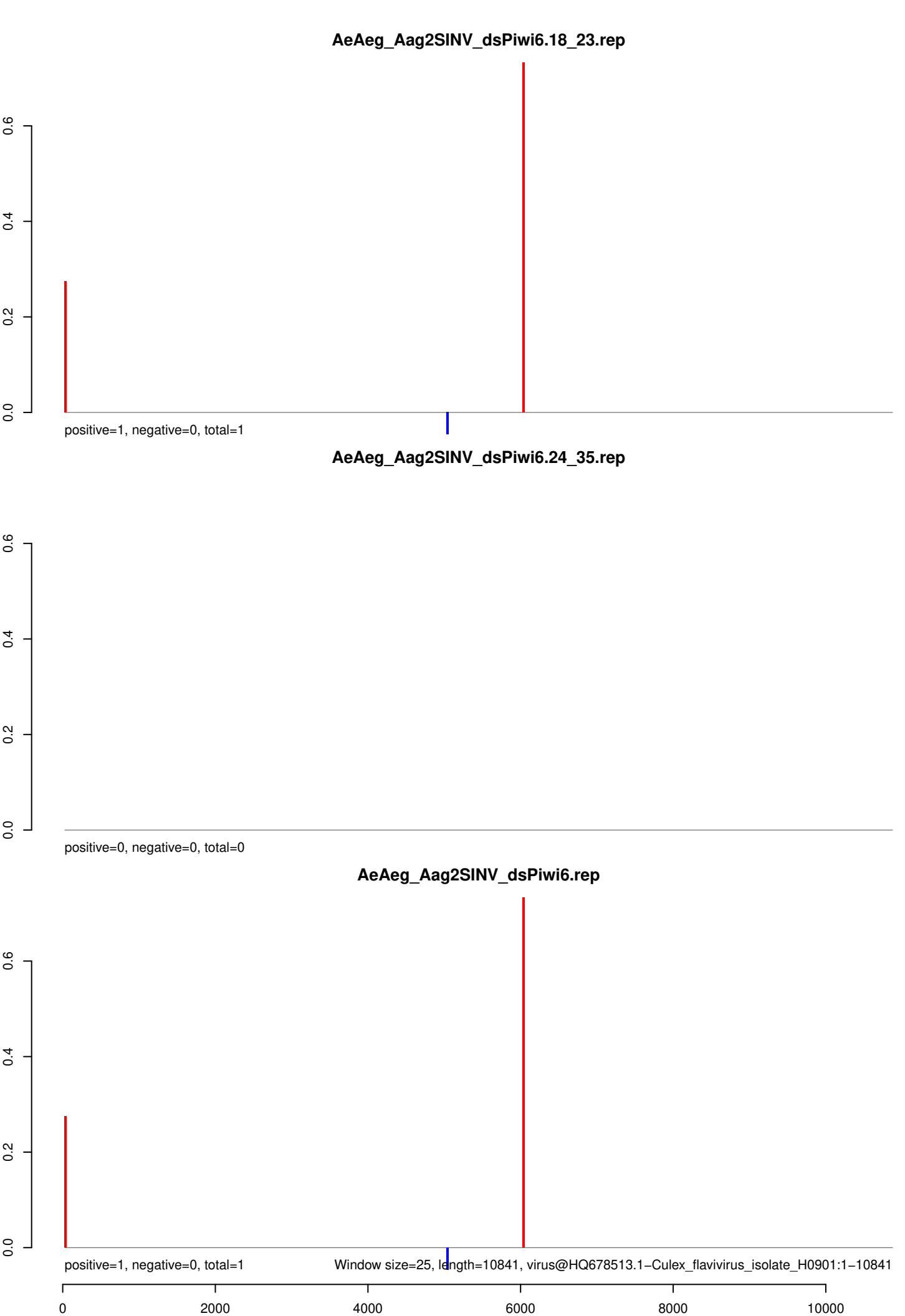

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1

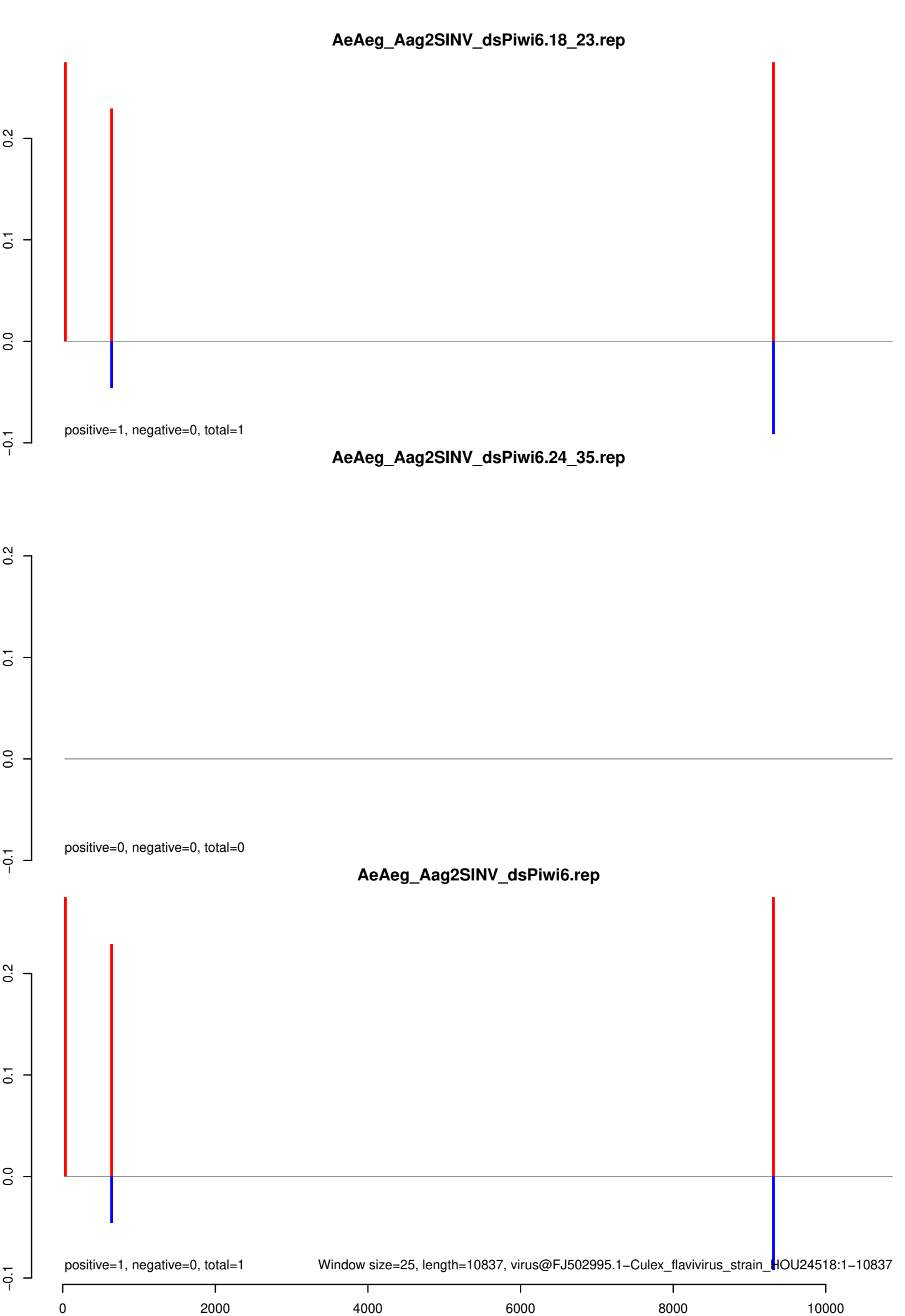

AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0

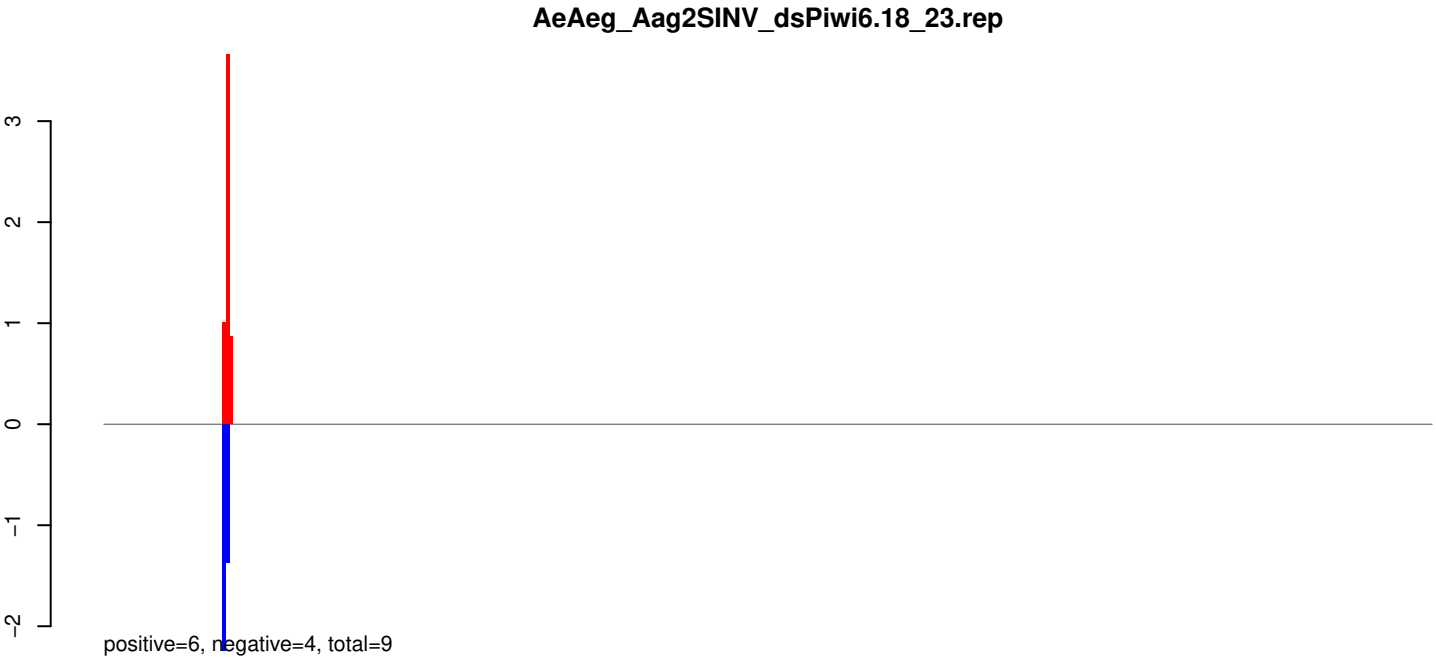

AeAeg_Aag2SINV_dsPiwi6.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=10755, virus@NC_009028.2−Ilheus_virus:1−10755
0
2000
4000
6000
8000
10000

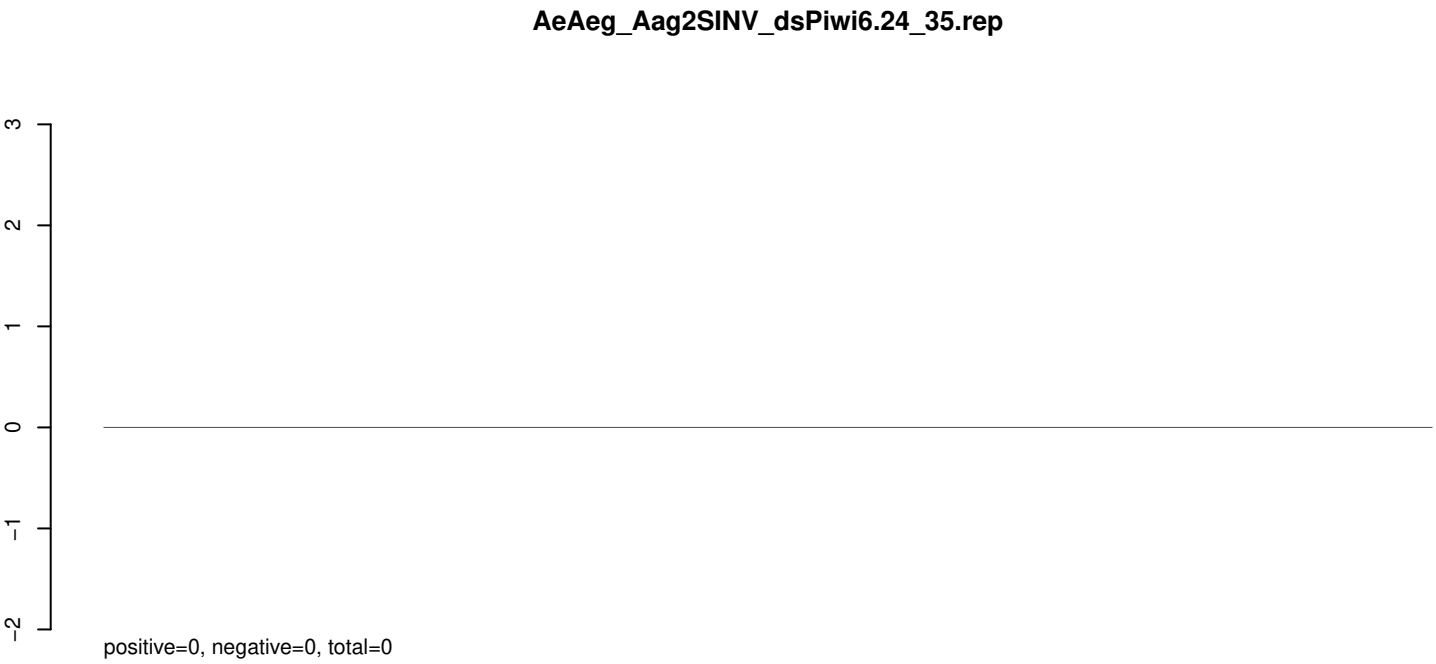

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.6
0.4
0.2
0.0
−0.2
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.6
0.4
0.2
0.0
−0.2
positive=1, negative=0, total=1
Window size=25, length=10839, virus@NC_003687.1−Powassan_virus:1−10839
0
2000
4000
6000
8000
10000

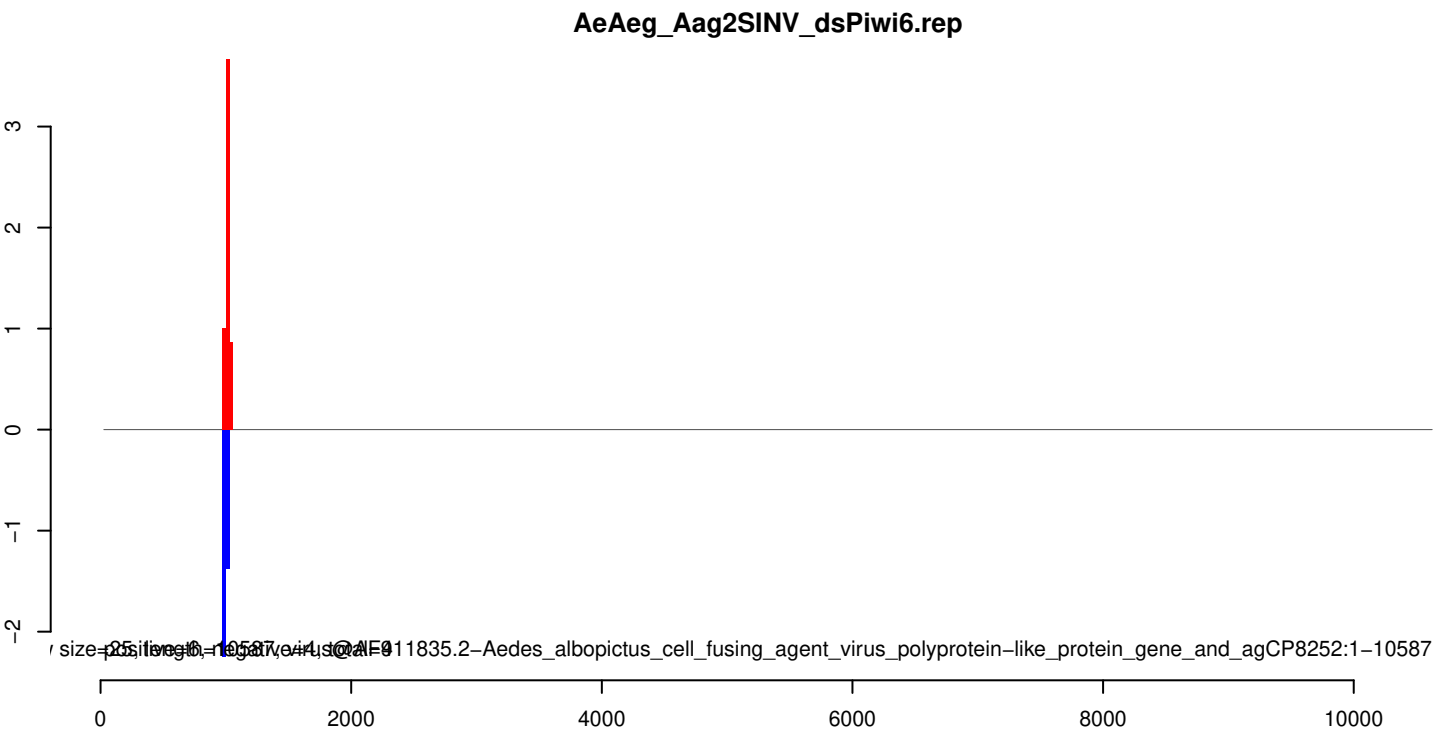

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=10841, virus@JQ308187.1–Culex_flavivirus_isolate_HLD105:1–10841
0
2000
4000
6000
8000
10000

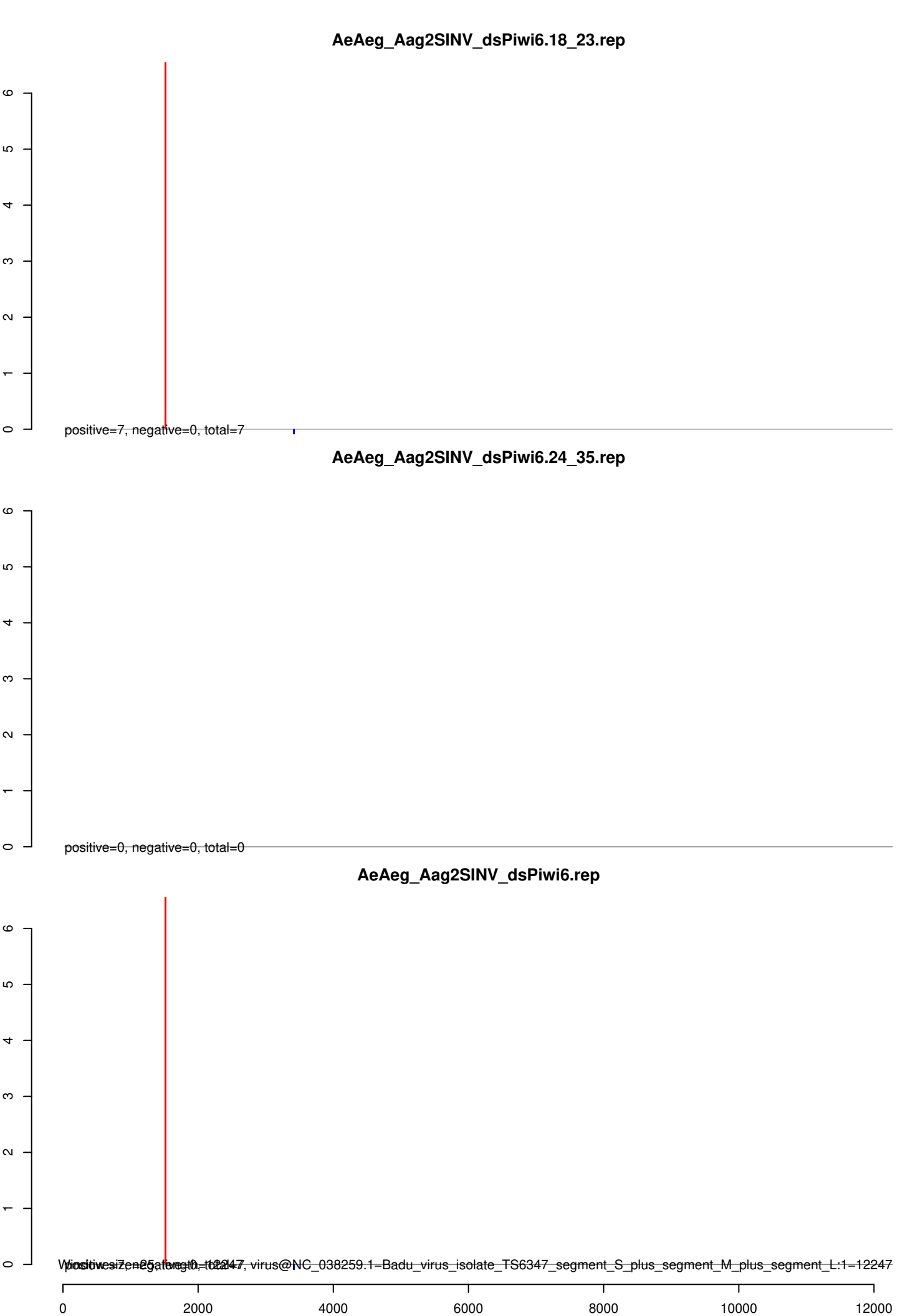

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.0
0.2
0.4
0.6
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.0
0.2
0.4
0.6
positive=1, negative=0, total=1
Window size=25, length=10841, virus@HQ678513.1−Culex_flavivirus_isolate_H0901:1−10841
0
2000
4000
6000
8000
10000

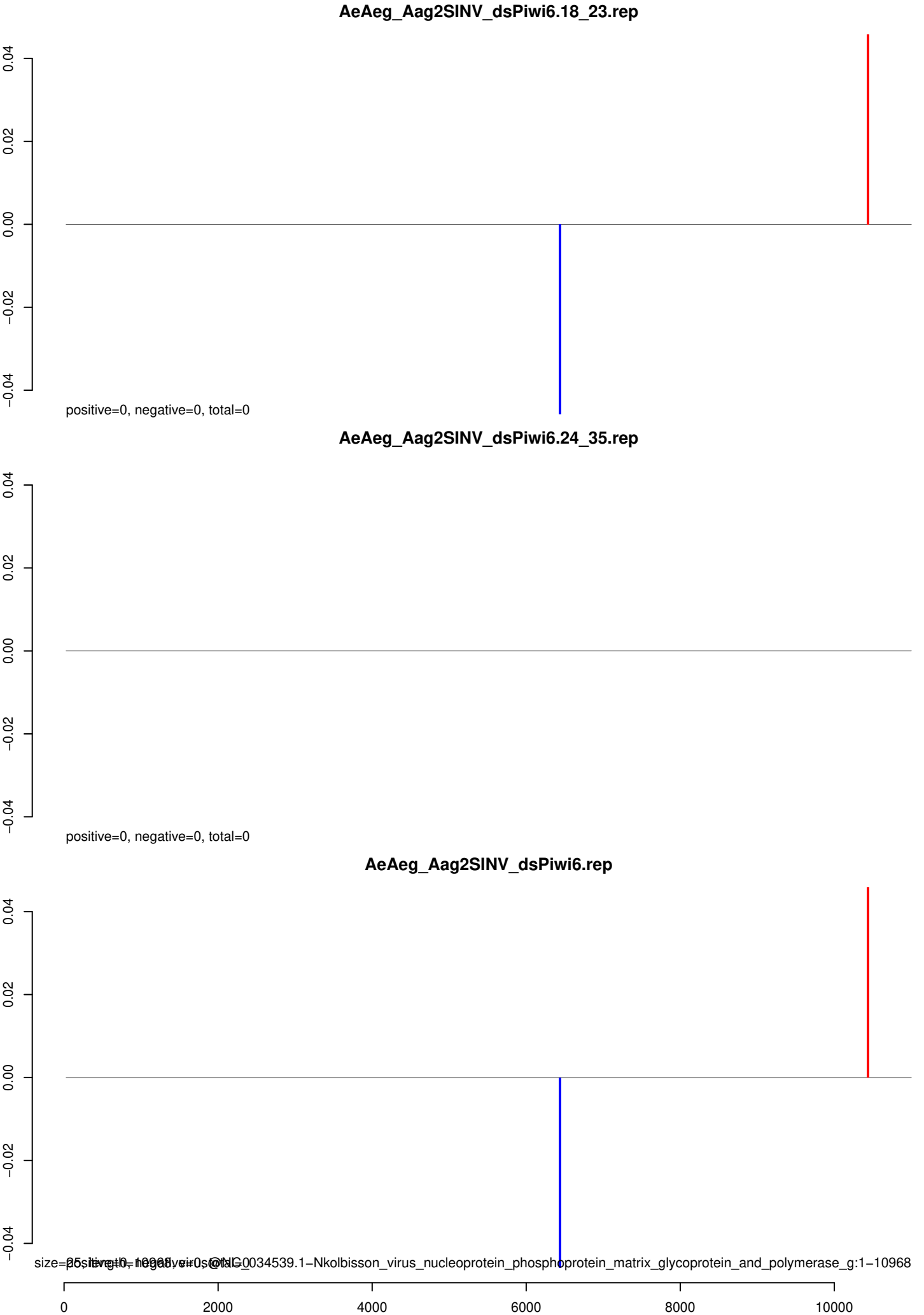

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.2
0.1
0.0
−0.1
positive=1, negative=0, total=1
Window size=25, length=10837, virus@FJ502995.1−Culex_flavivirus_strain_HOU24518:1−10837
0
2000
4000
6000
8000
10000

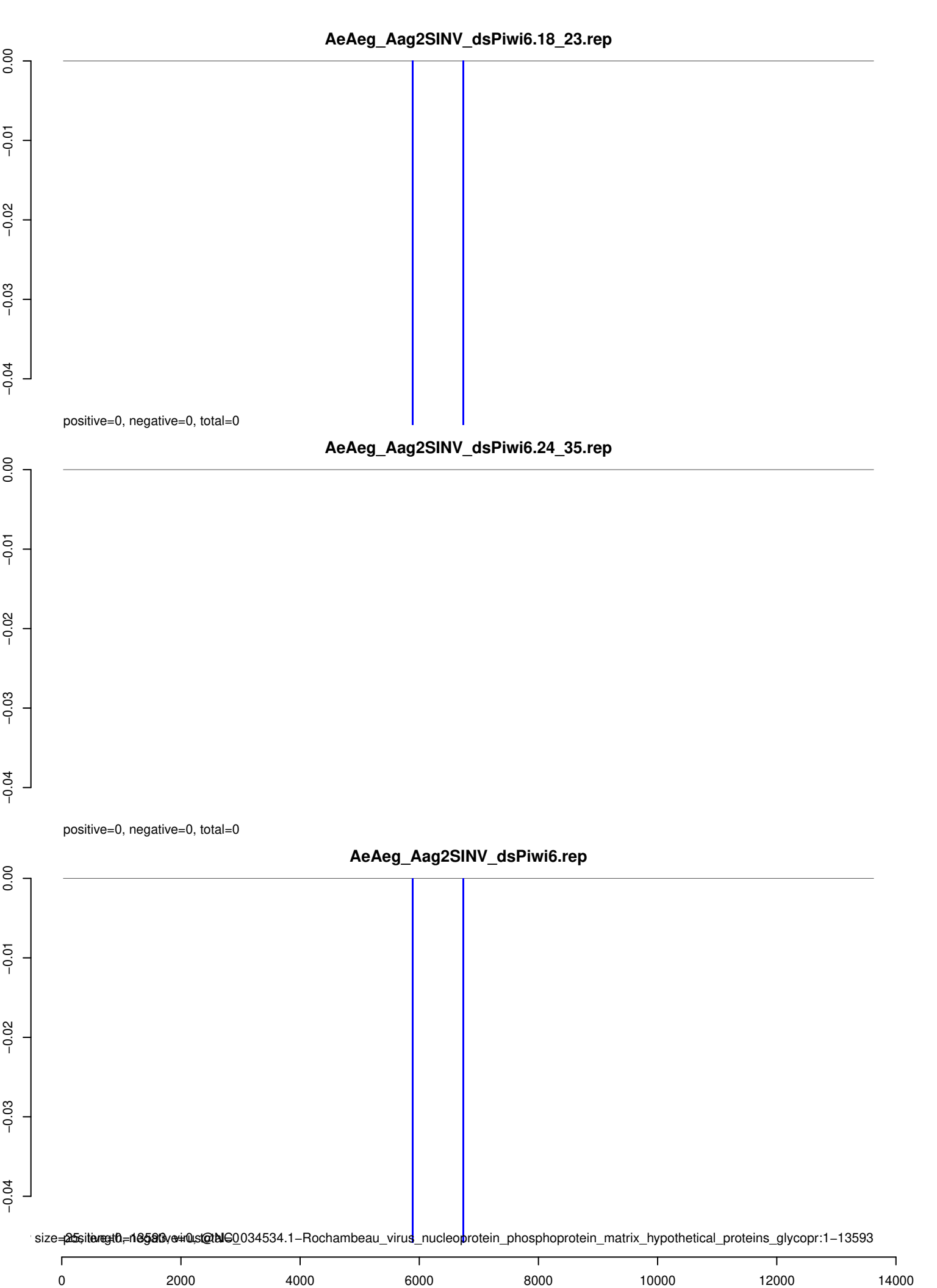

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
3
2
1
0
−1
−2
positive=6, negative=4, total=9

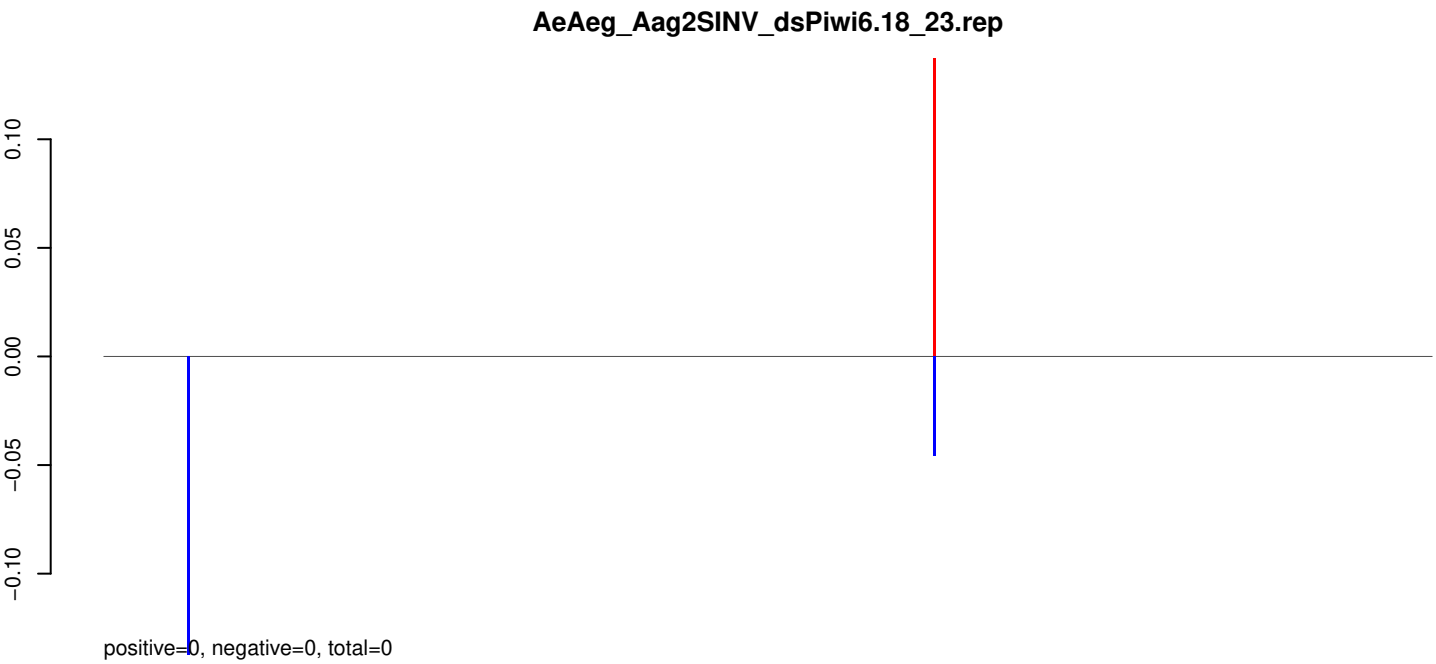

AeAeg_Aag2SINV_dsPiwi6.24_35.rep
3
2
1
0
−1
−2
positive=0, negative=0, total=0


AeAeg_Aag2SINV_dsPiwi6.rep
3
2
1
0
−1
−2
0
2000
4000
6000
8000
10000

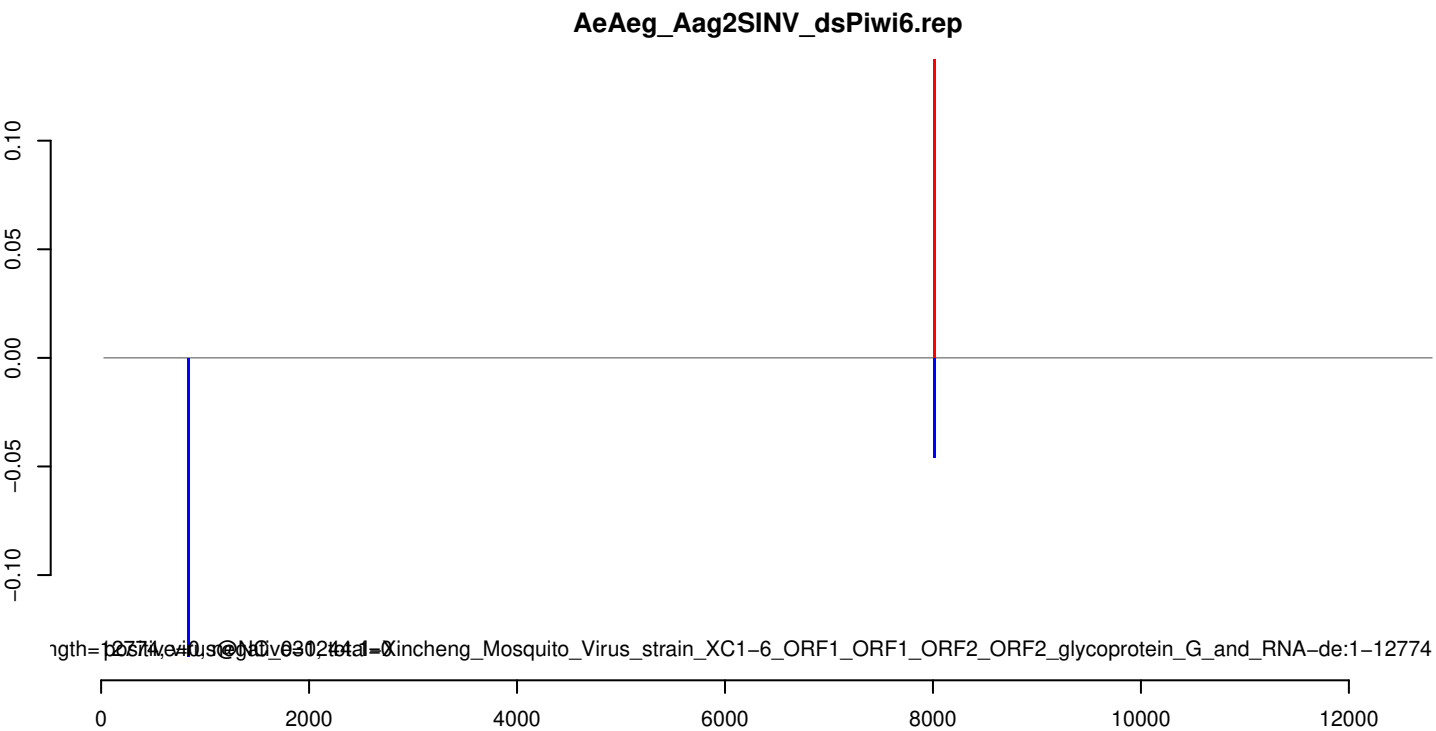

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=7, negative=0, total=7
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=7, negative=0, total=7, virus@NC_038259.1=Badu_virus_isolate_TS6347_segment_S_plus_segment_M_plus_segment_L:1=12247
0
1
2
3
4
5
6
0
2000
4000
6000
8000
10000
12000

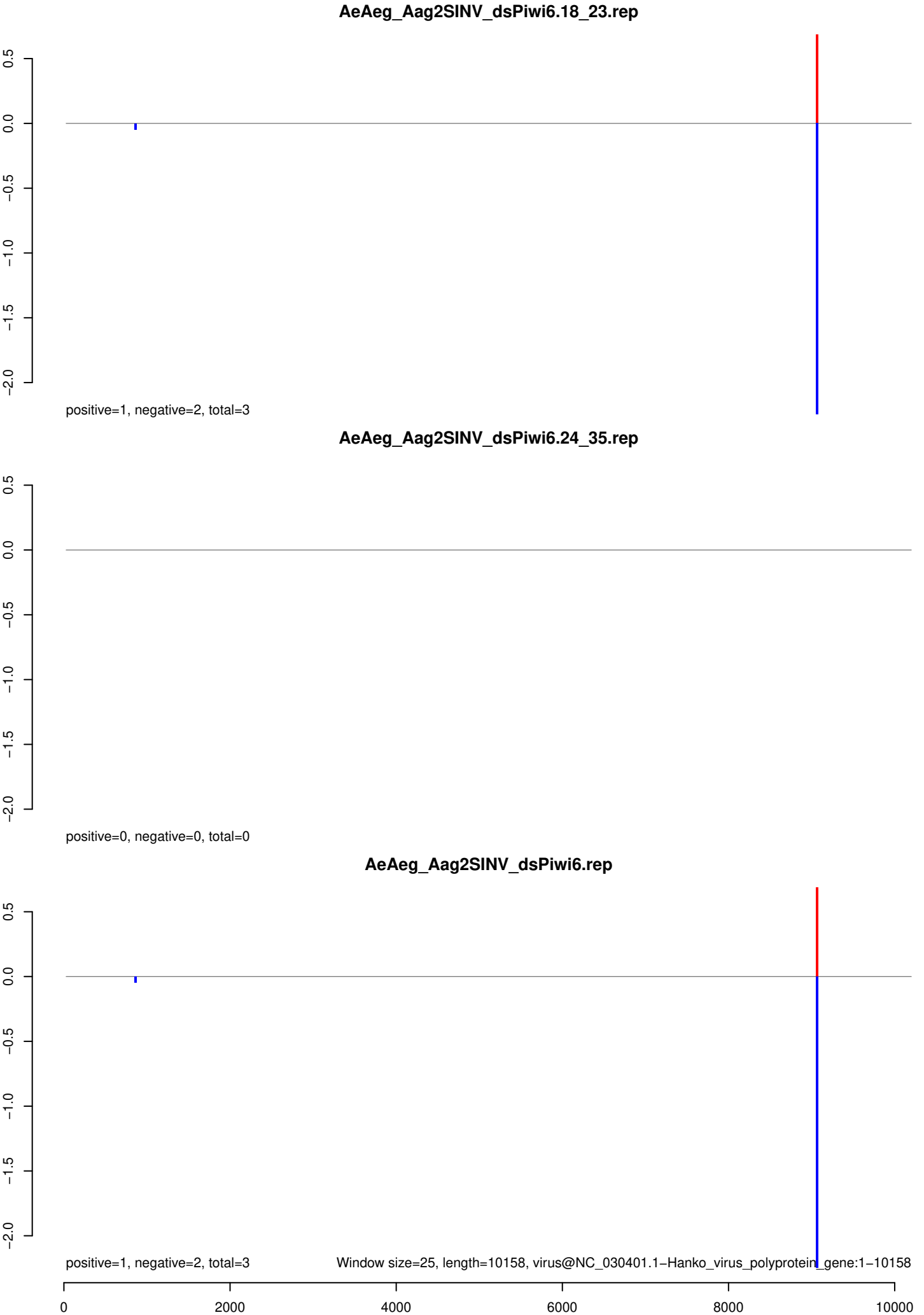

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.04
0.02
0.00
−0.02
−0.04
0
2000
4000
6000
8000
10000

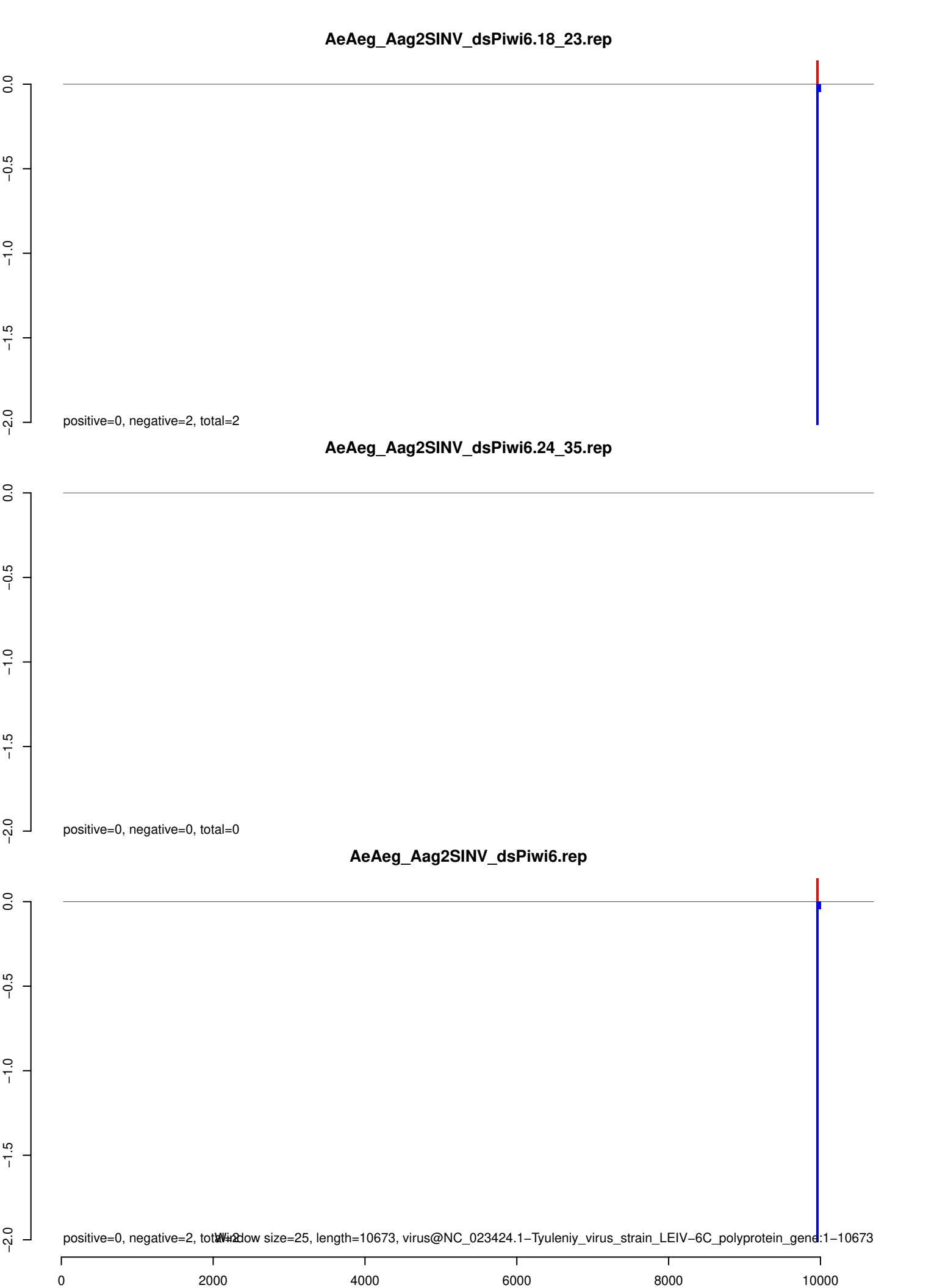

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
size=25, length=13593, virus=0, total=0
positive=0, negative=0, total=0
0
2000
4000
6000
8000
10000
12000
14000

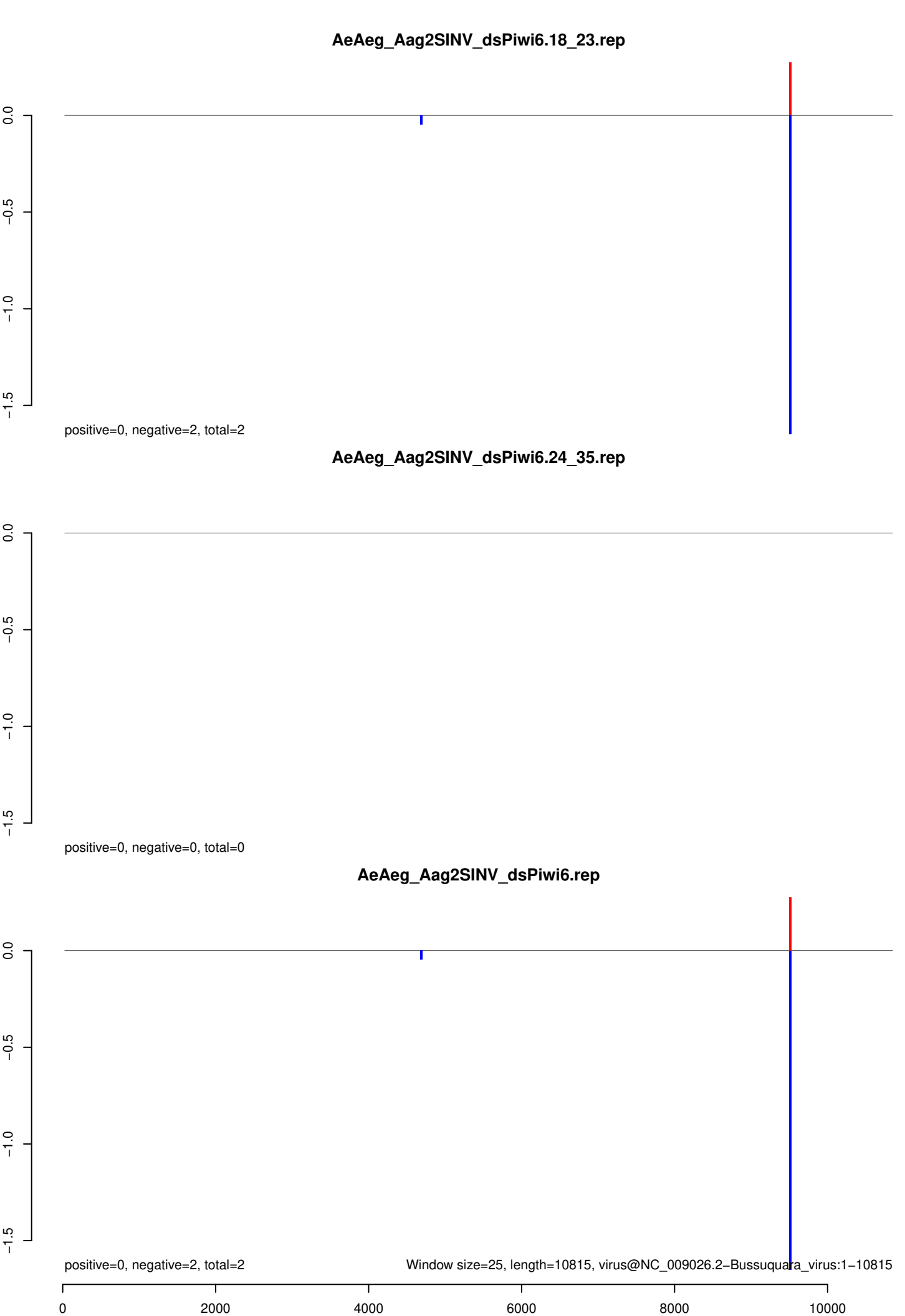

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0

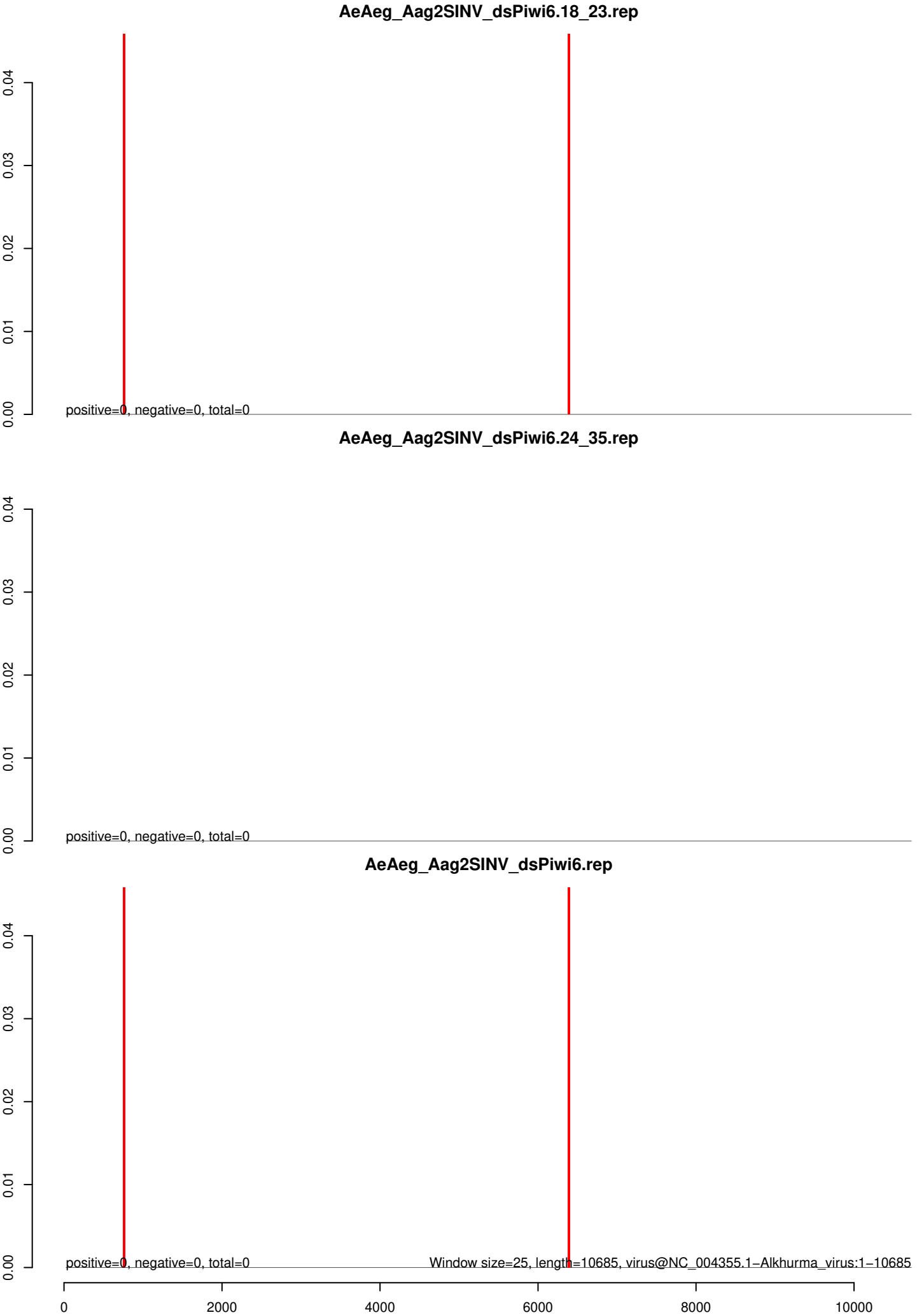
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0

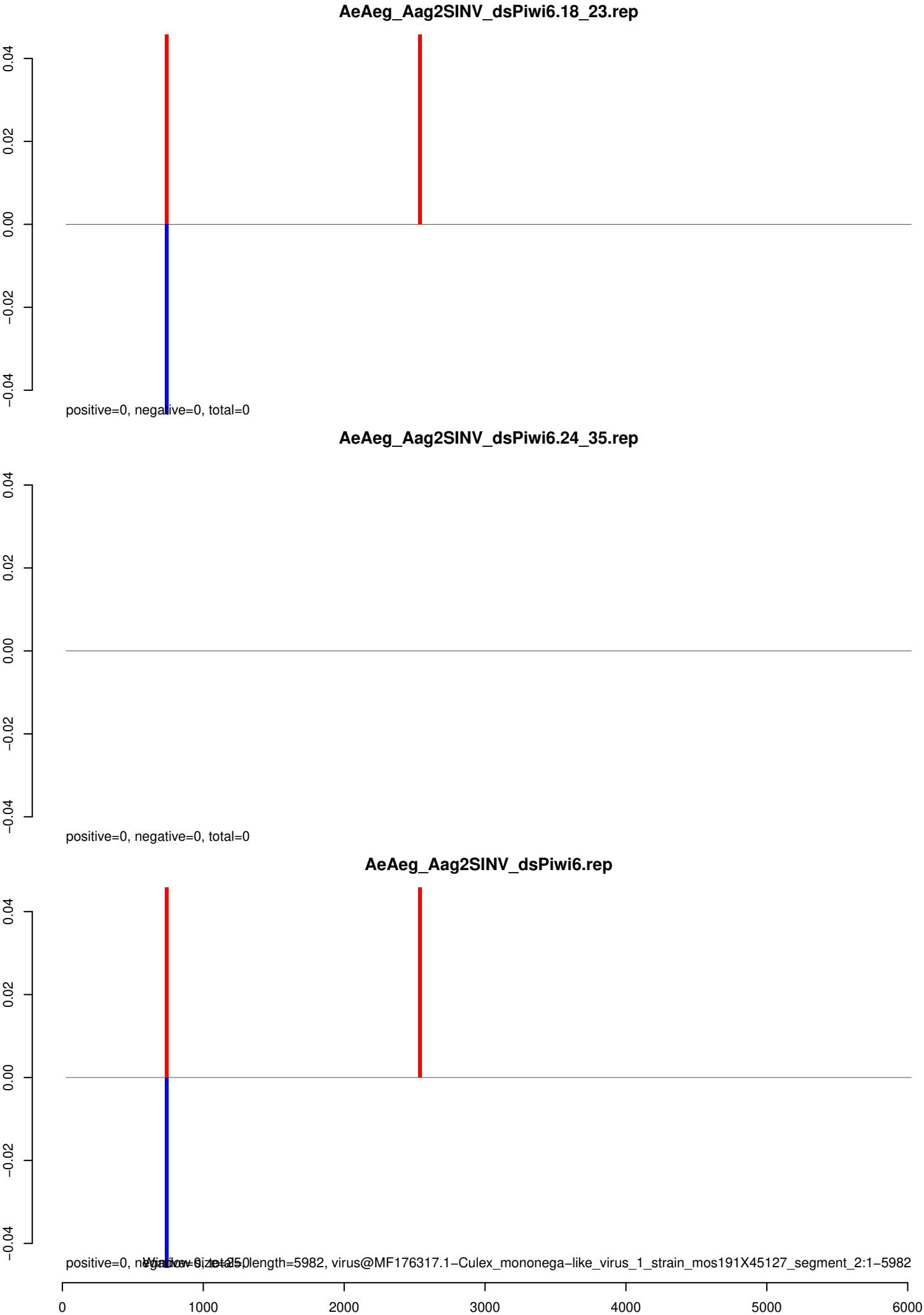

AeAeg_Aag2SINV_dsPiwi6.rep
0.10
0.05
0.00
−0.05
−0.10
0
2000
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=2, total=3
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.5
0.0
−0.5
−1.0
−1.5
−2.0
positive=1, negative=2, total=3
Window size=25, length=10158, virus@NC_030401.1−Hanko_virus_polyprotein_gene:1−10158
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=2
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=2
Window size=25, length=10673, virus@NC_023424.1−Tyuleniy_virus_strain_LEIV−6C_polyprotein_gene:1−10673
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.0
−0.5
−1.0
−1.5
positive=0, negative=2, total=2
Window size=25, length=10815, virus@NC_009026.2−Bussuquara_virus:1−10815
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=10685, virus@NC_004355.1–Alkhurma_virus:1–10685
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0, length=5982, virus@MF176317.1−Culex_mononega−like_virus_1_strain_mos191X45127_segment_2:1−5982
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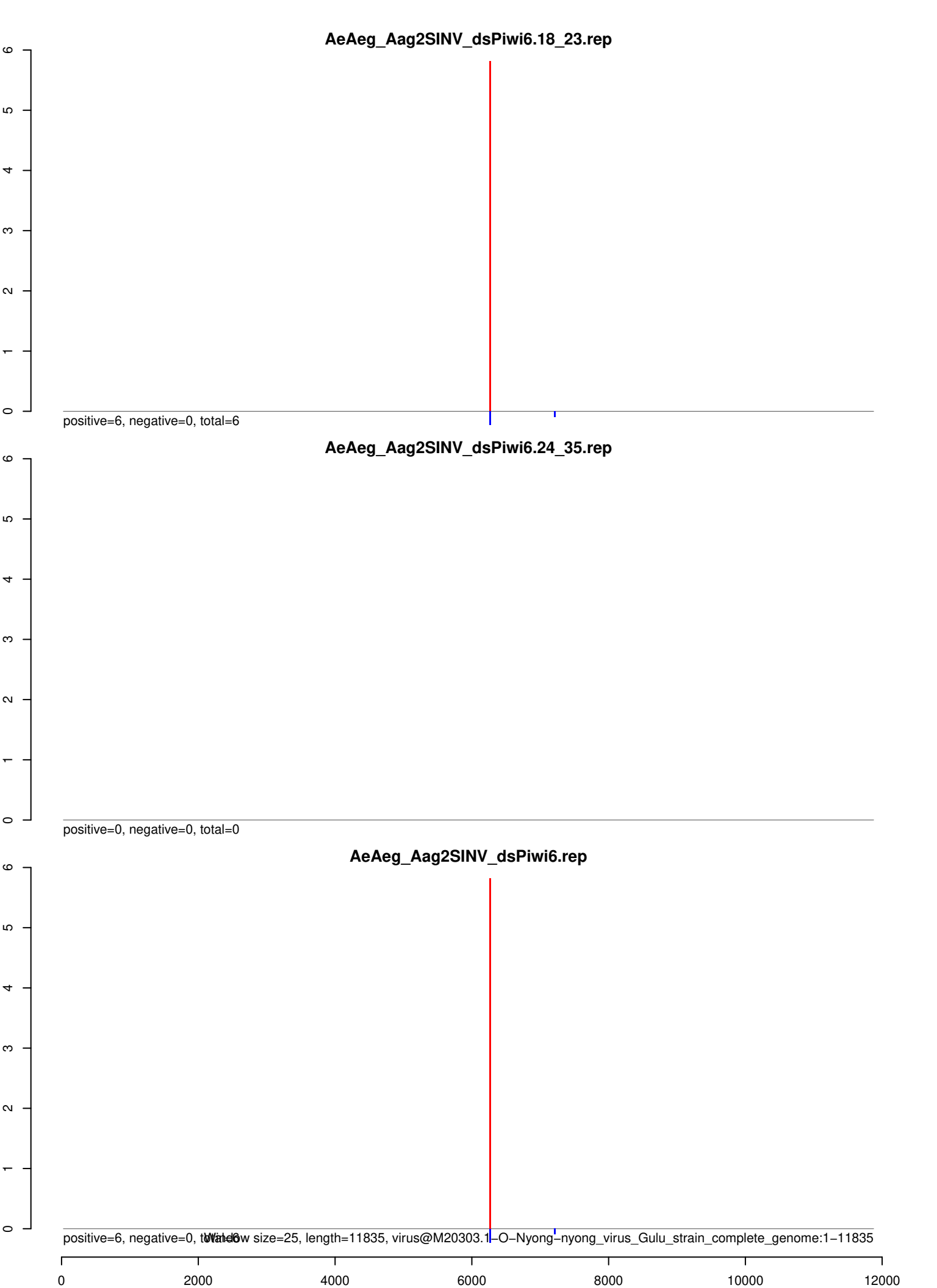
5000
6000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
1
2
3
4
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6
positive=6, negative=0, total=6
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
1
2
3
4
5
6
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0
1
2
3
4
5
6
positive=6, negative=0, total=6
Window size=25, length=11835, virus@M20303.1–O–Nyong–nyong_virus_Gulu_strain_complete_genome:1–11835
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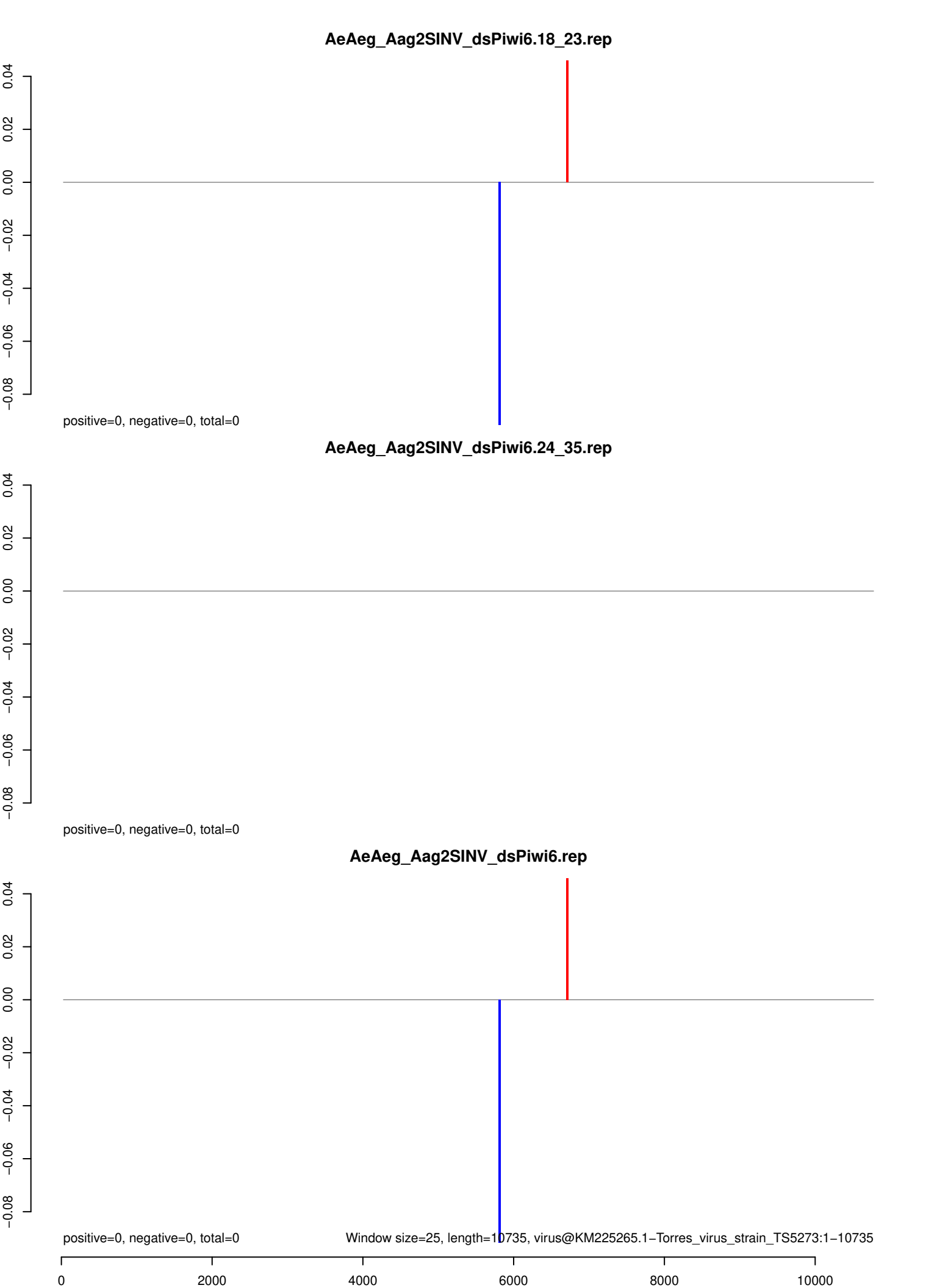
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=10735, virus@KM225265.1−Torres_virus_strain_TS5273:1−10735
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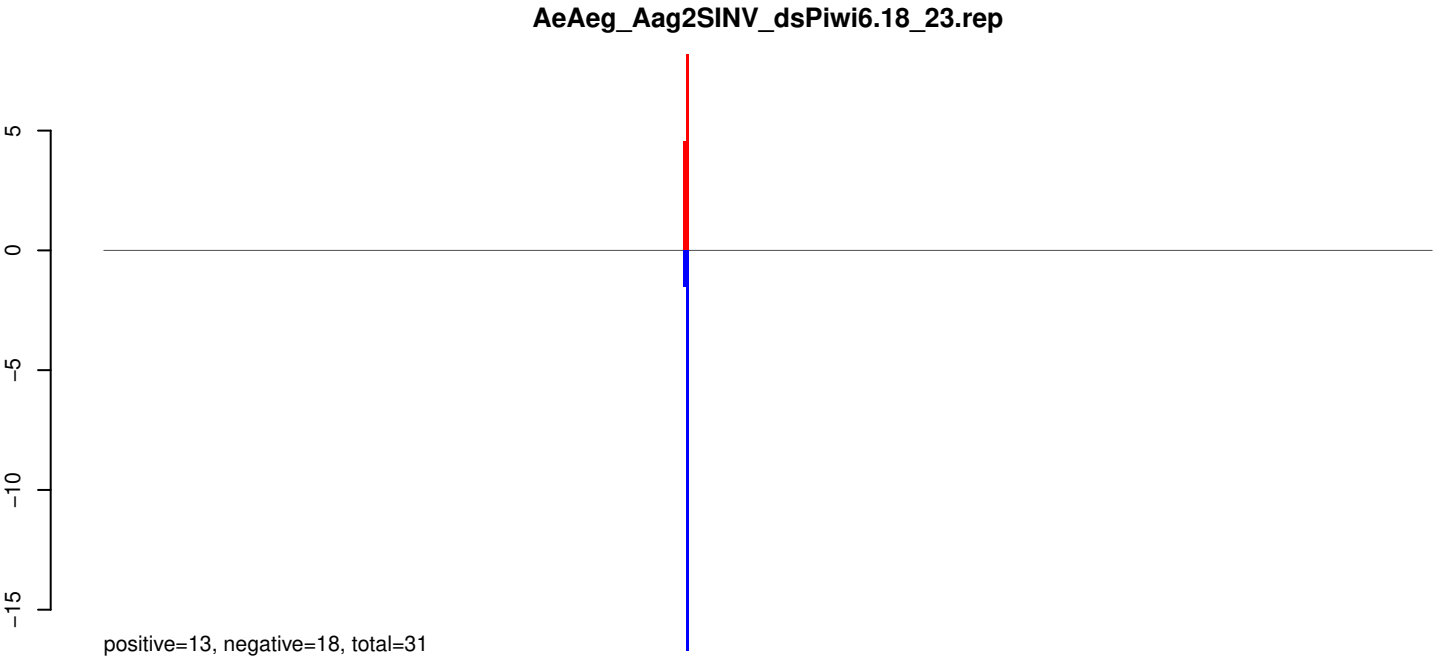
8000
10000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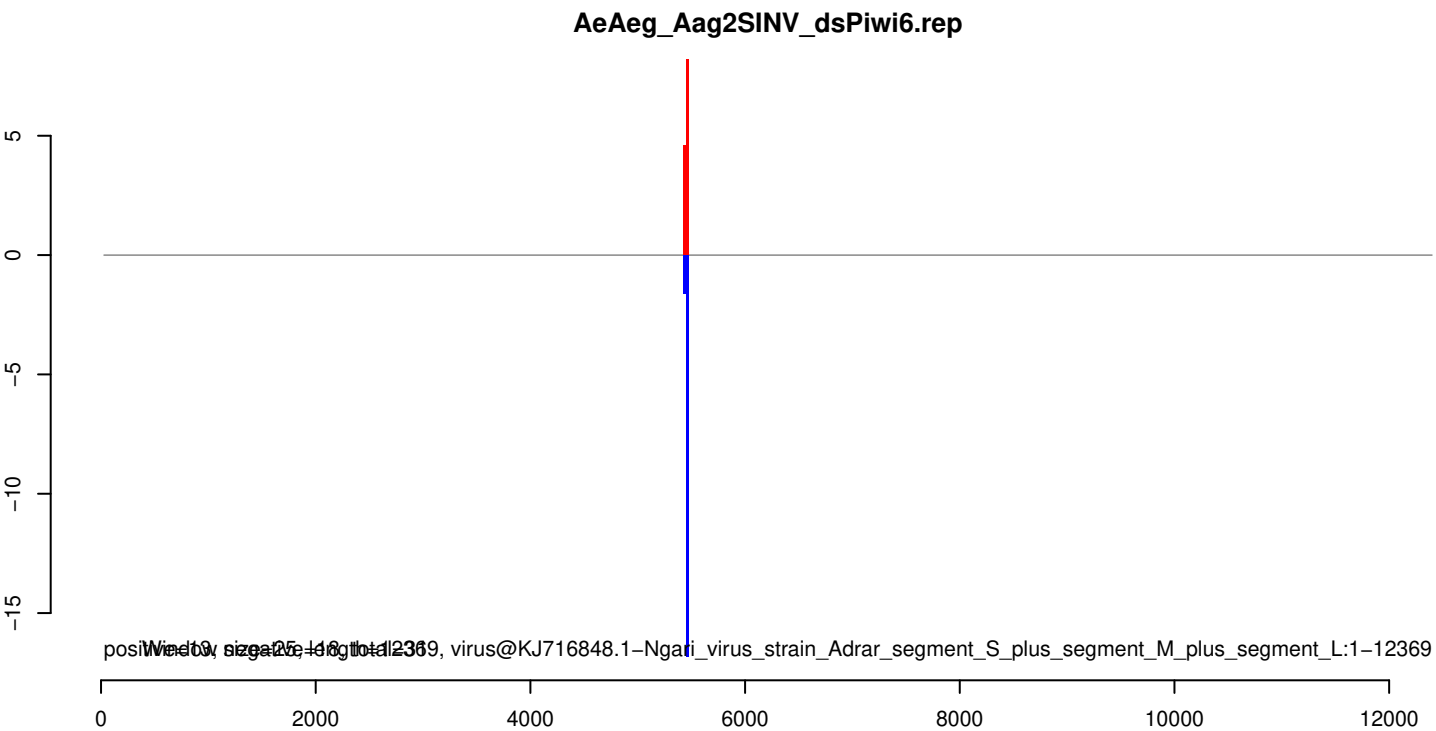
5
0
−5
−10
−15
positive=13, negative=18, total=31

AeAeg_Aag2SINV_dsPiwi6.24_35.rep
5
0
−5
−10
−15
positive=0, negative=0, total=0


AeAeg_Aag2SINV_dsPiwi6.rep
5
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−5
−10
−15
0
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10000
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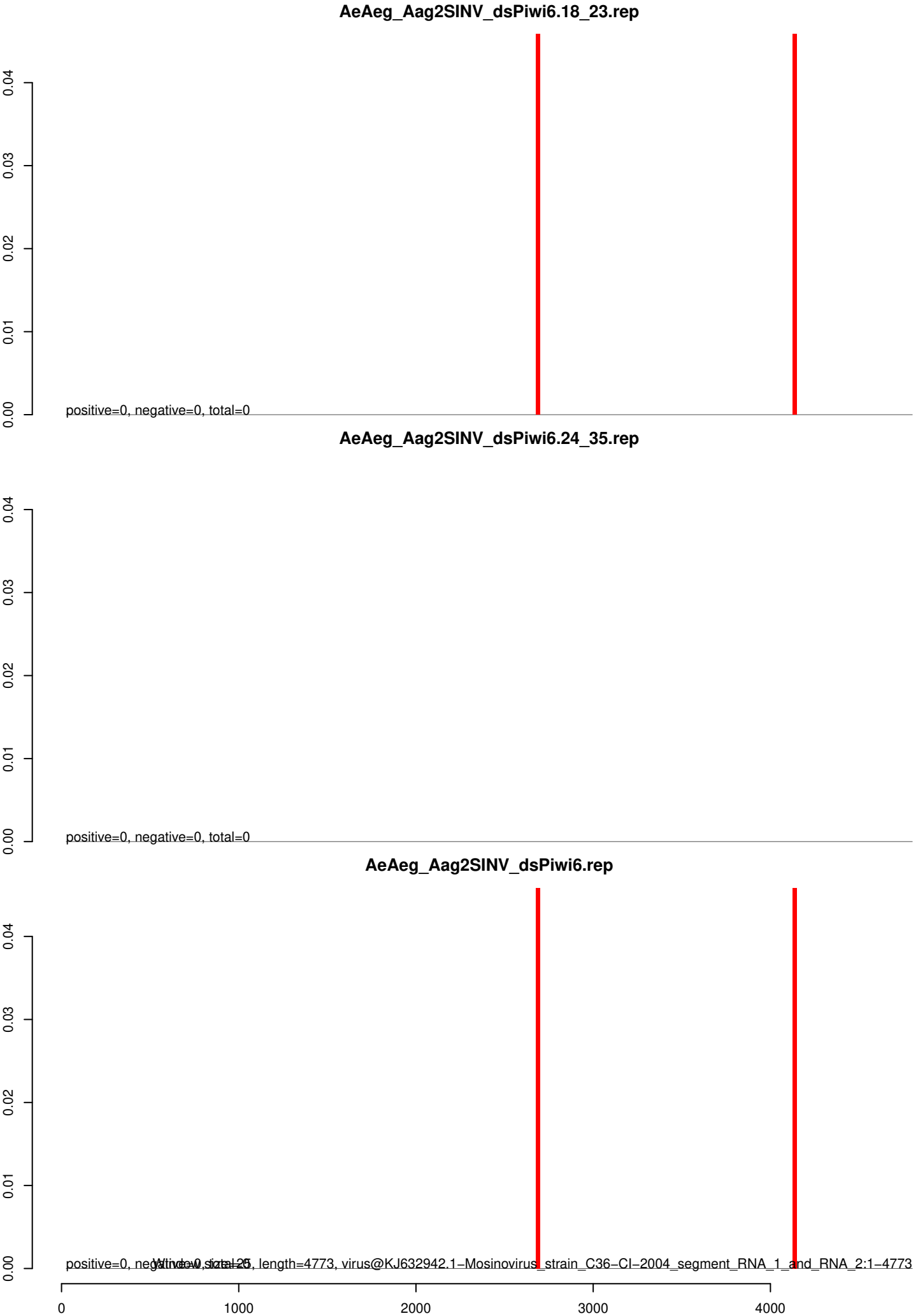
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0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=26, length=4773, virus@KJ632942.1–Mosinovirus_strain_C36–CI–2004_segment_RNA_1_and_RNA_2:1–4773
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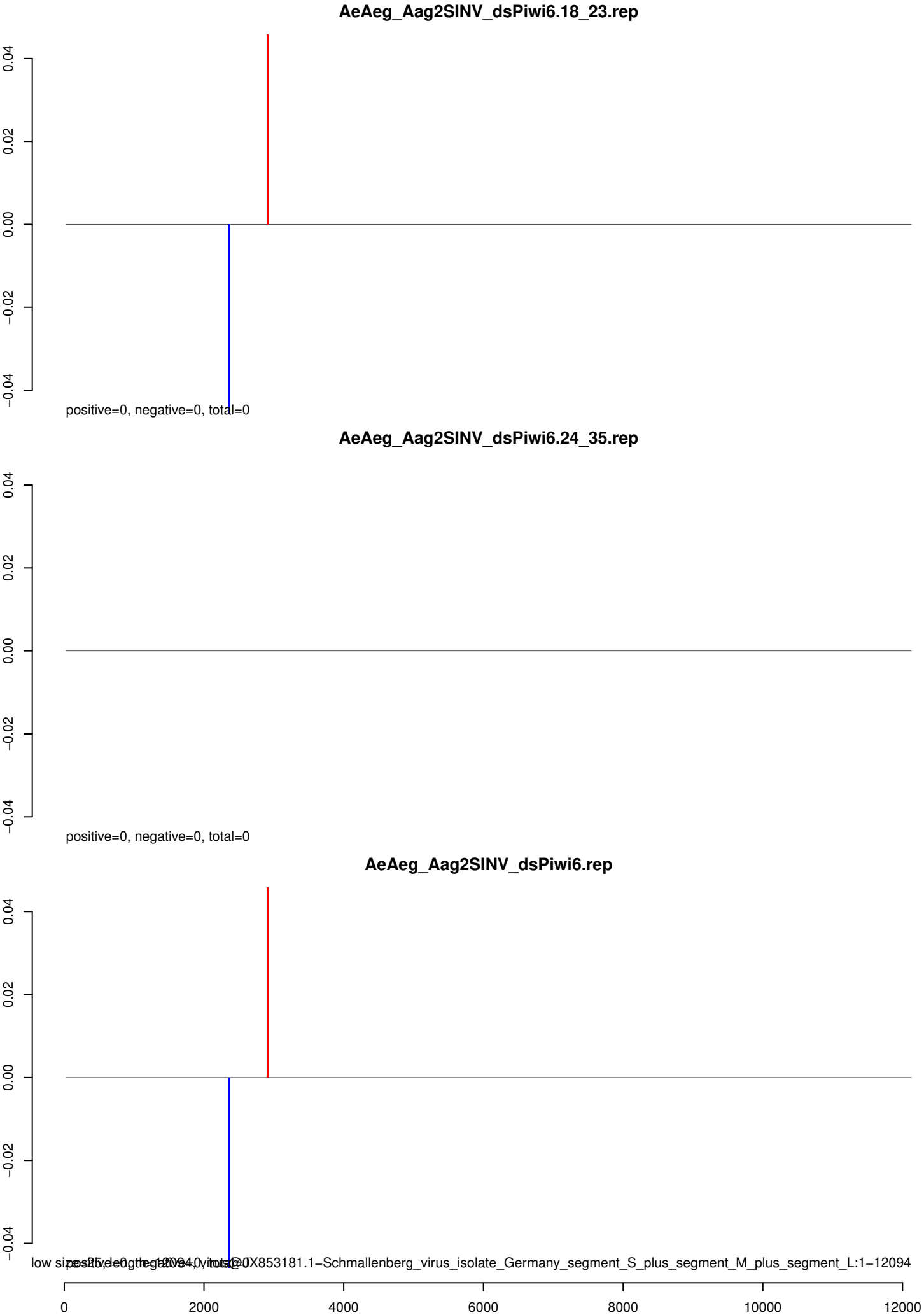
3000
4000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.04
0.02
0.00
−0.02
−0.04
0
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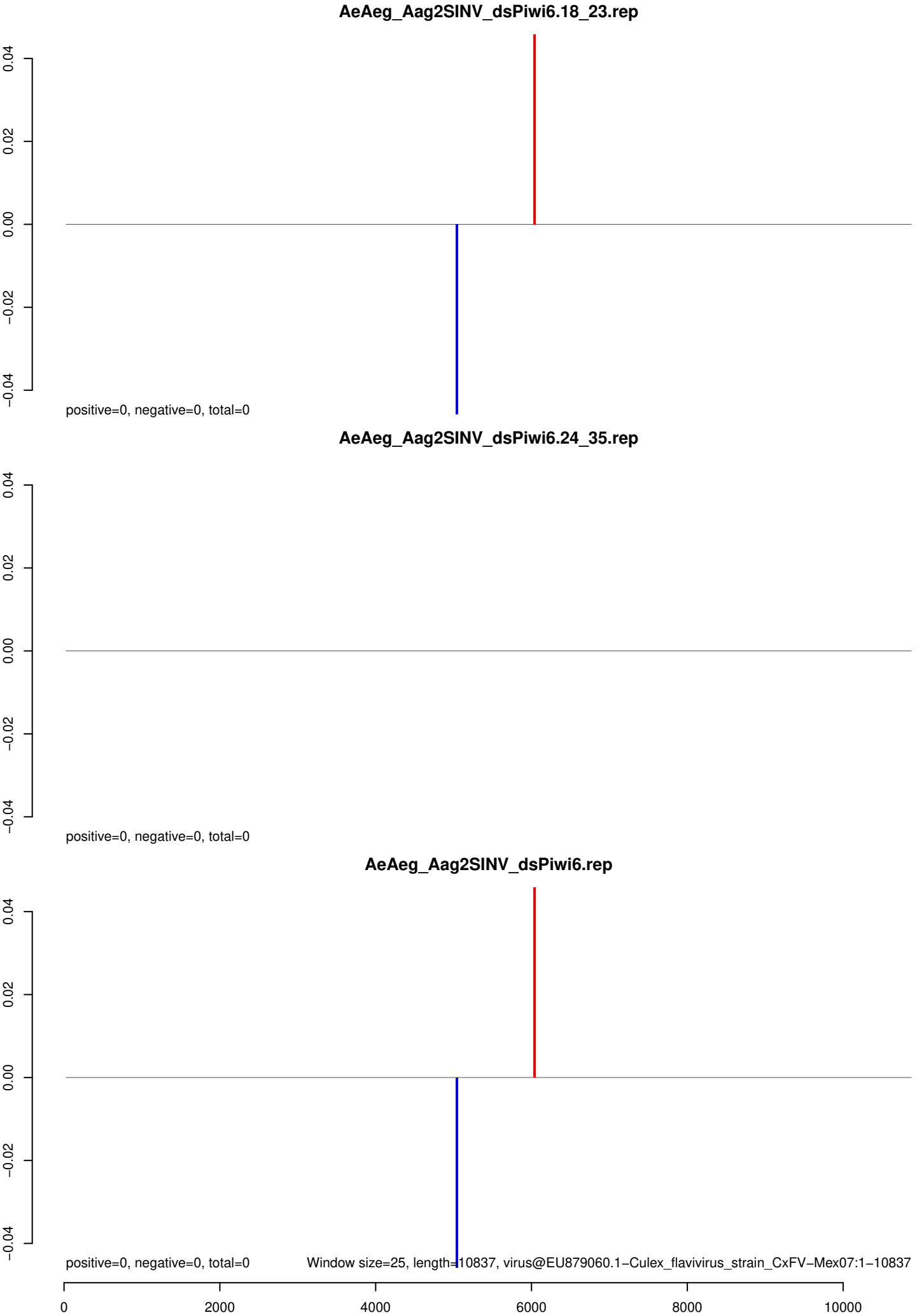
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
Window size=25, length=10837, virus@EU879060.1−Culex_flavivirus_strain_CxFV−Mex07:1−10837
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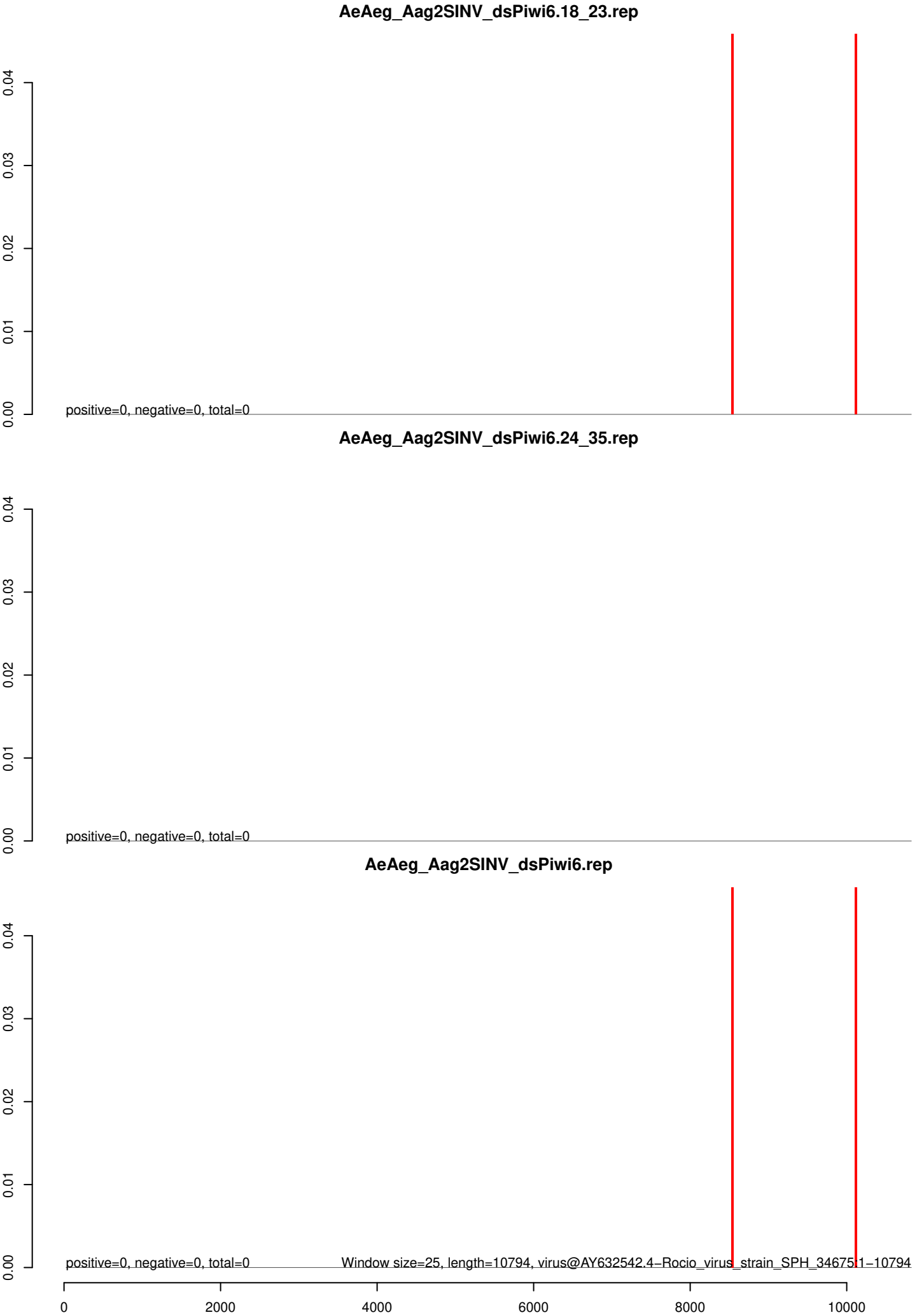
4000
6000
8000
10000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0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=10794, virus@AY632542.4–Rocio_virus_strain_SPH_34675:1–10794
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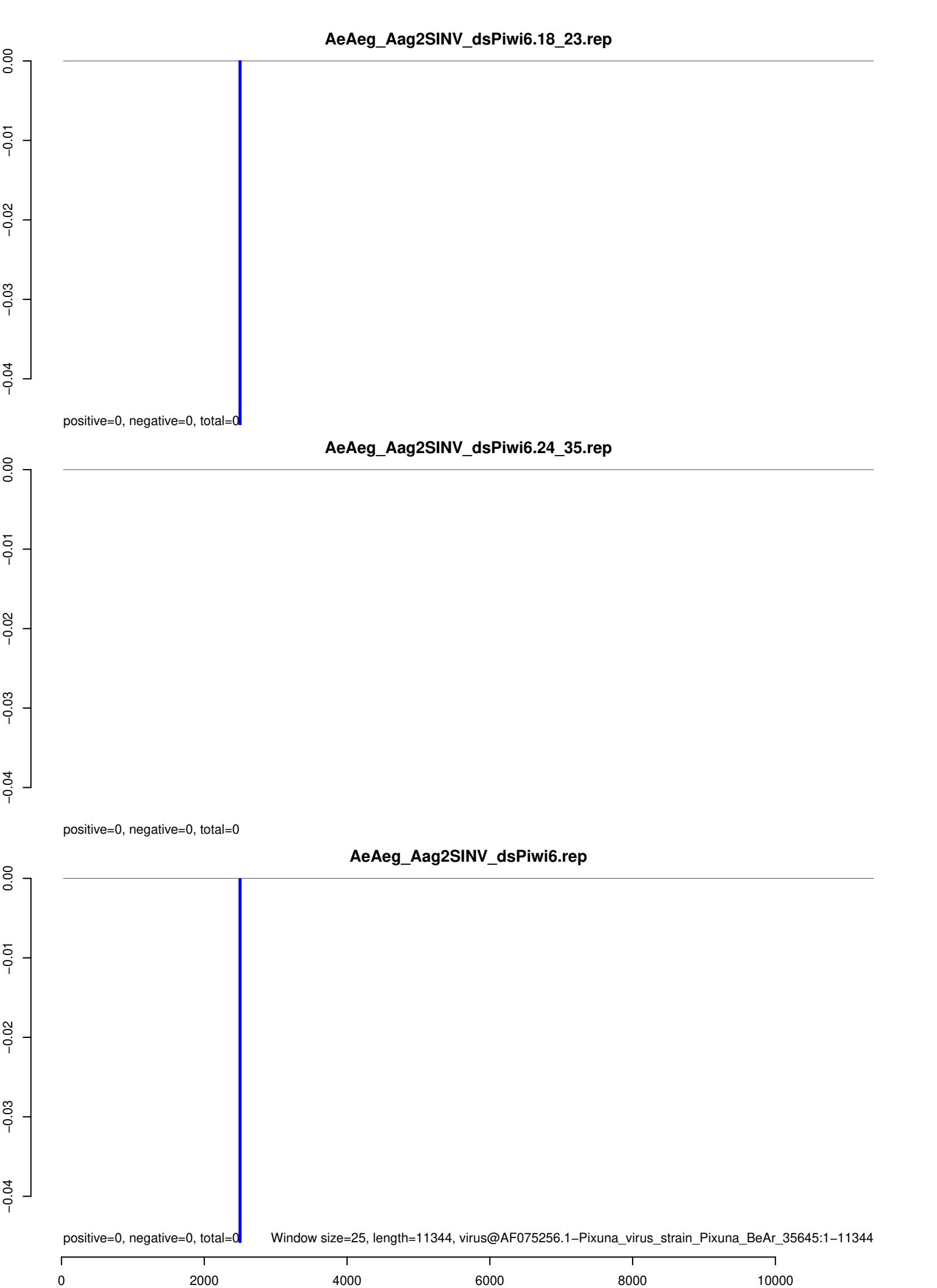
4000
6000
8000
10000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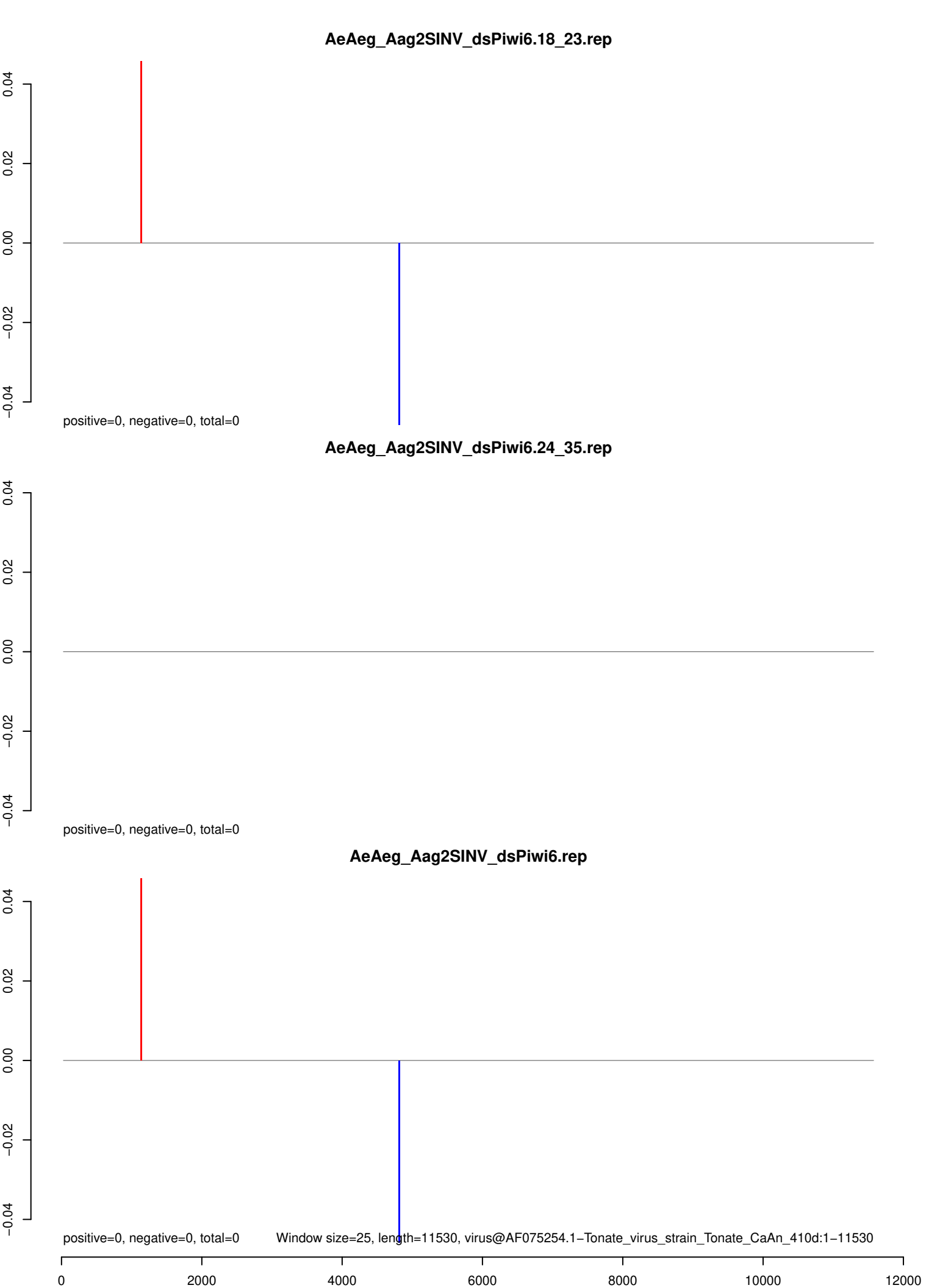
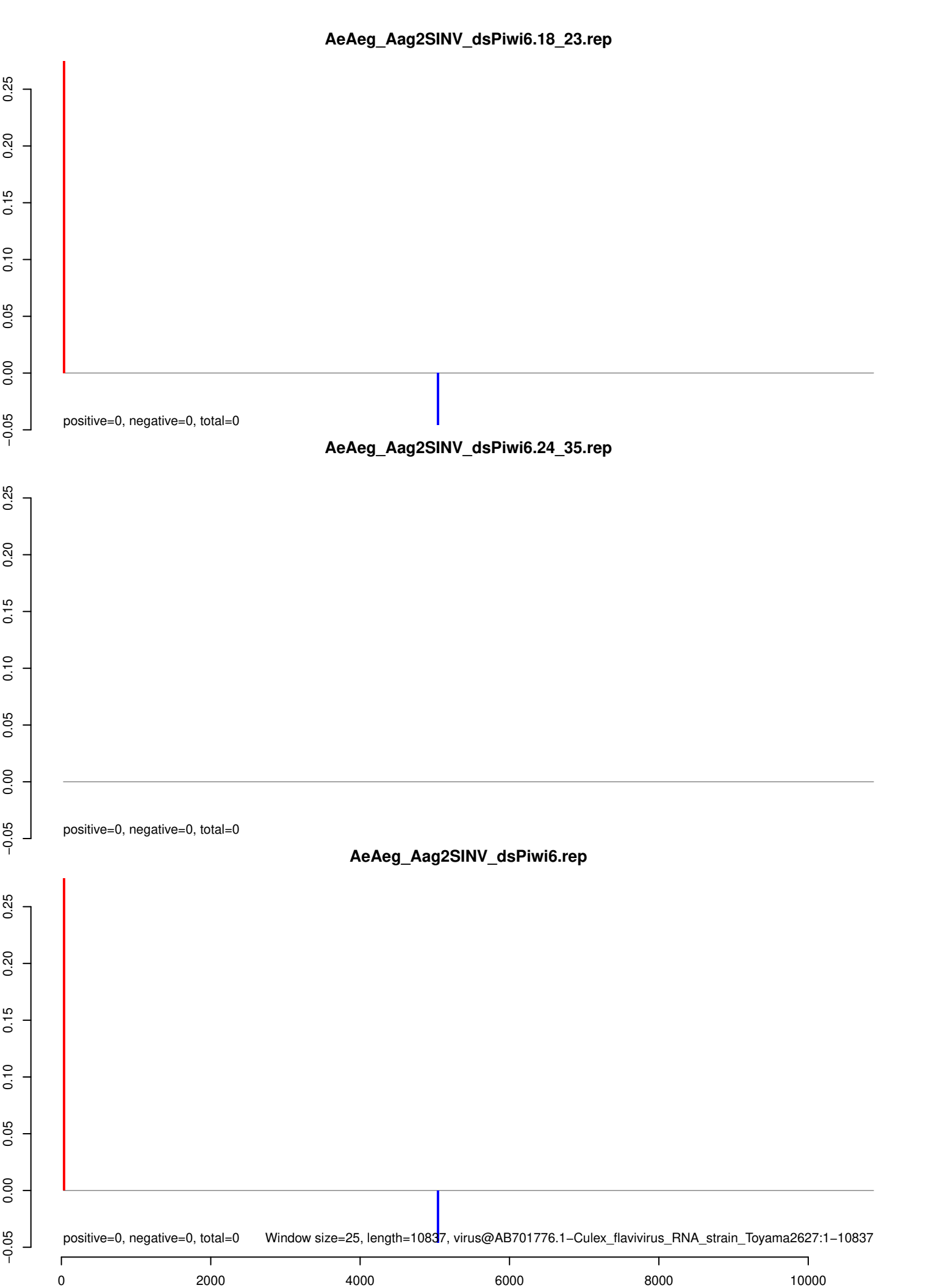
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=11344, virus@AF075256.1−Pixuna_virus_strain_Pixuna_BeAr_35645:1−11344
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
Window size=25, length=11530, virus@AF075254.1−Tonate_virus_strain_Tonate_CaAn_410d:1−11530
0
2000
4000
6000
8000
10000
12000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0.15
0.10
0.05
0.00
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positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.25
0.20
0.15
0.10
0.05
0.00
−0.05
positive=0, negative=0, total=0
Window size=25, length=10837, virus@AB701776.1−Culex_flavivirus_RNA_strain_Toyama2627:1−10837
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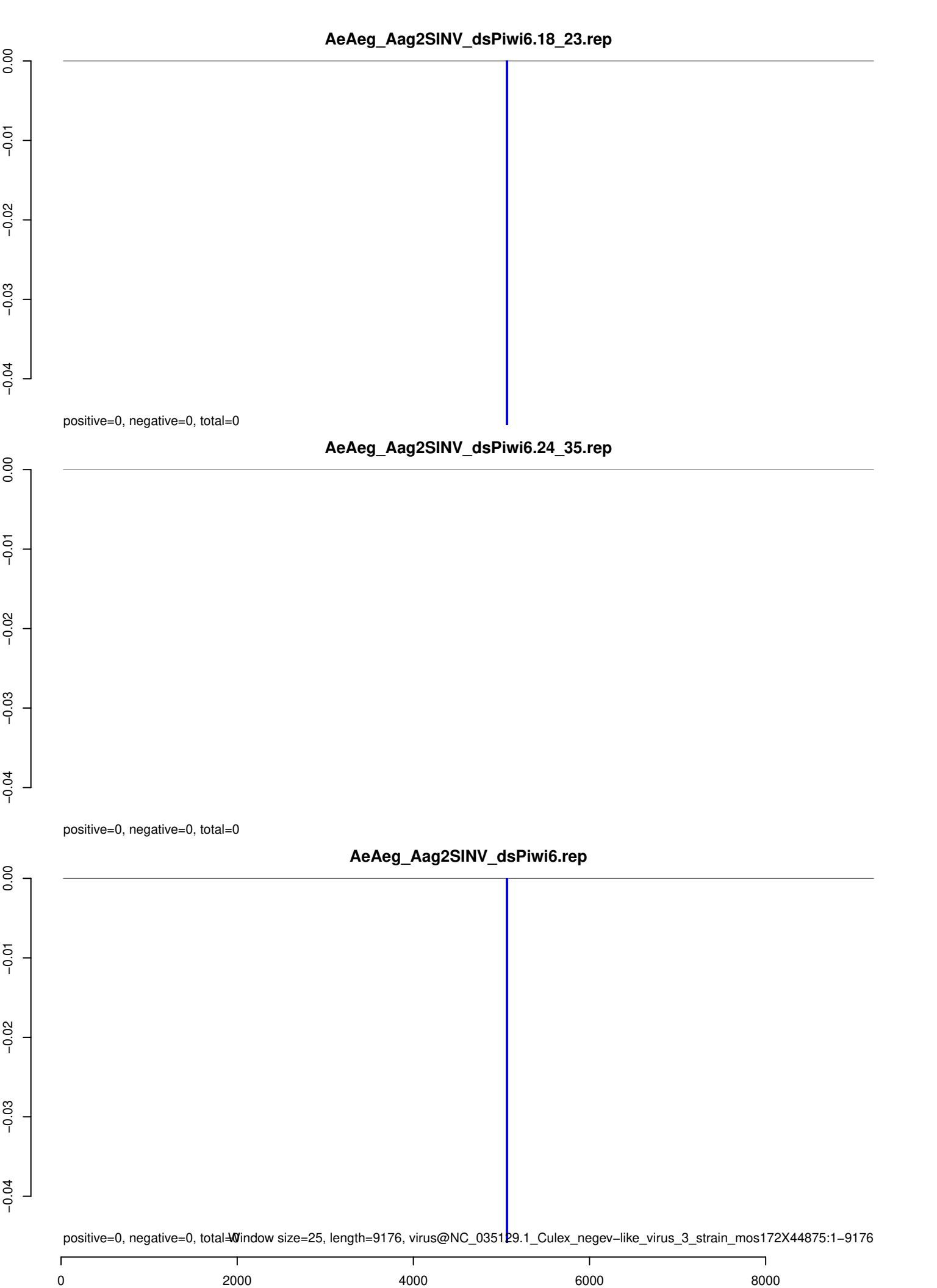
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=9176, virus@NC_035129.1_Culex_negev−like_virus_3_strain_mos172X44875:1−9176
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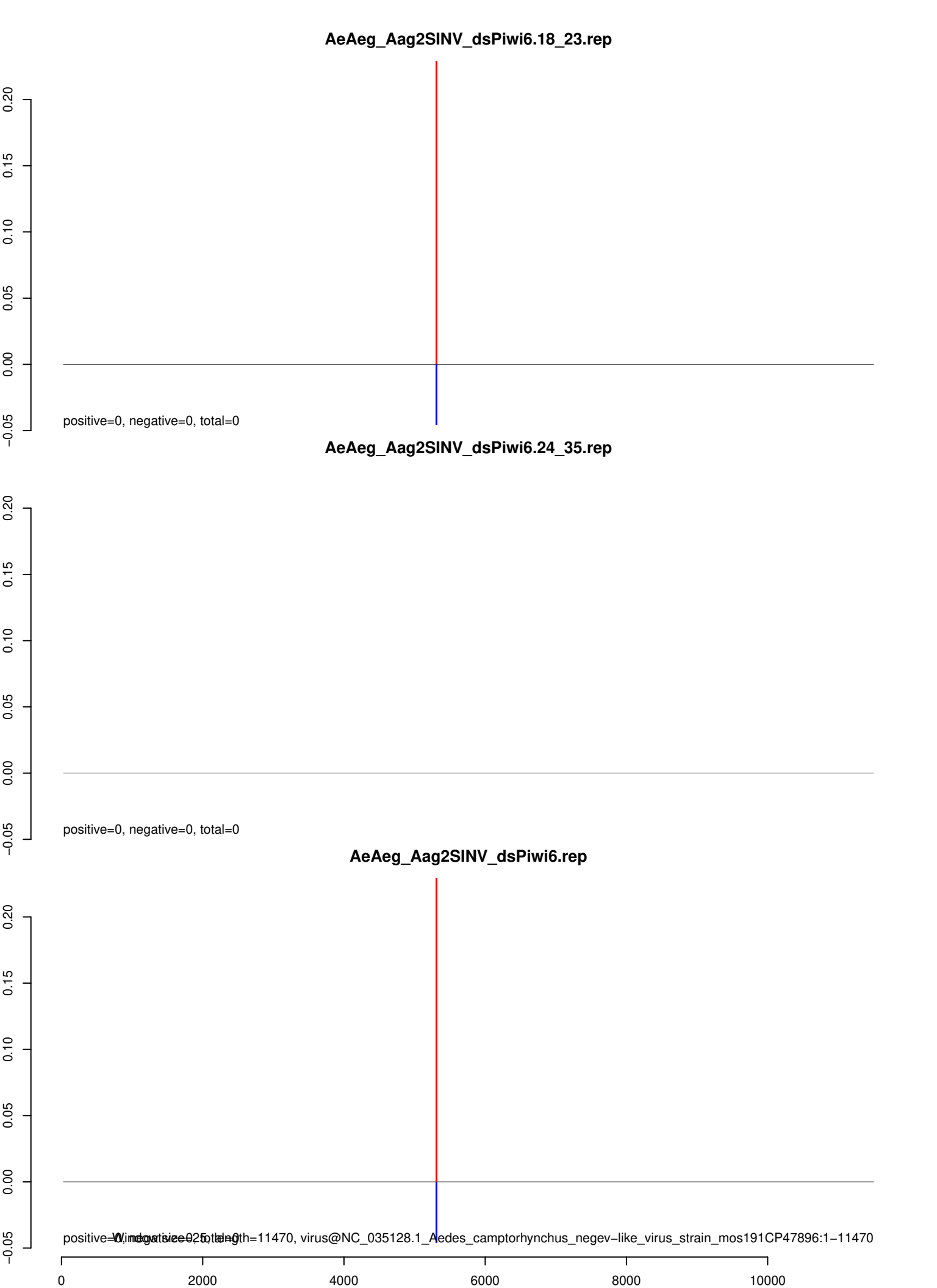
6000
8000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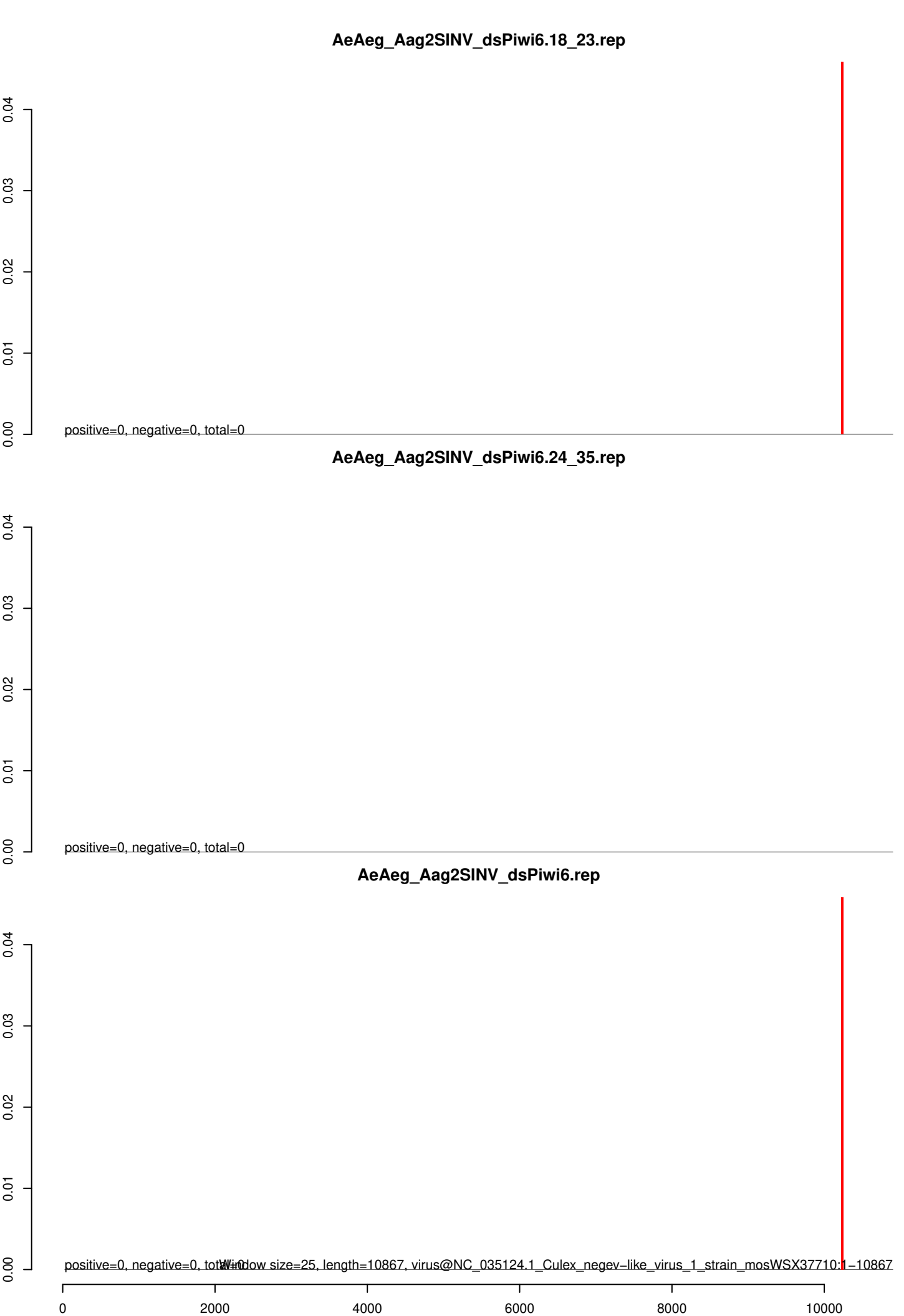
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=0, negative=0, total=0
0
2000
4000
6000
8000
10000
0.20
0.15
0.10
0.05
0.00
−0.05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0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=10867, virus@NC_035124.1_Culex_negev-like_virus_1_strain_mosWSX37710:1-10867
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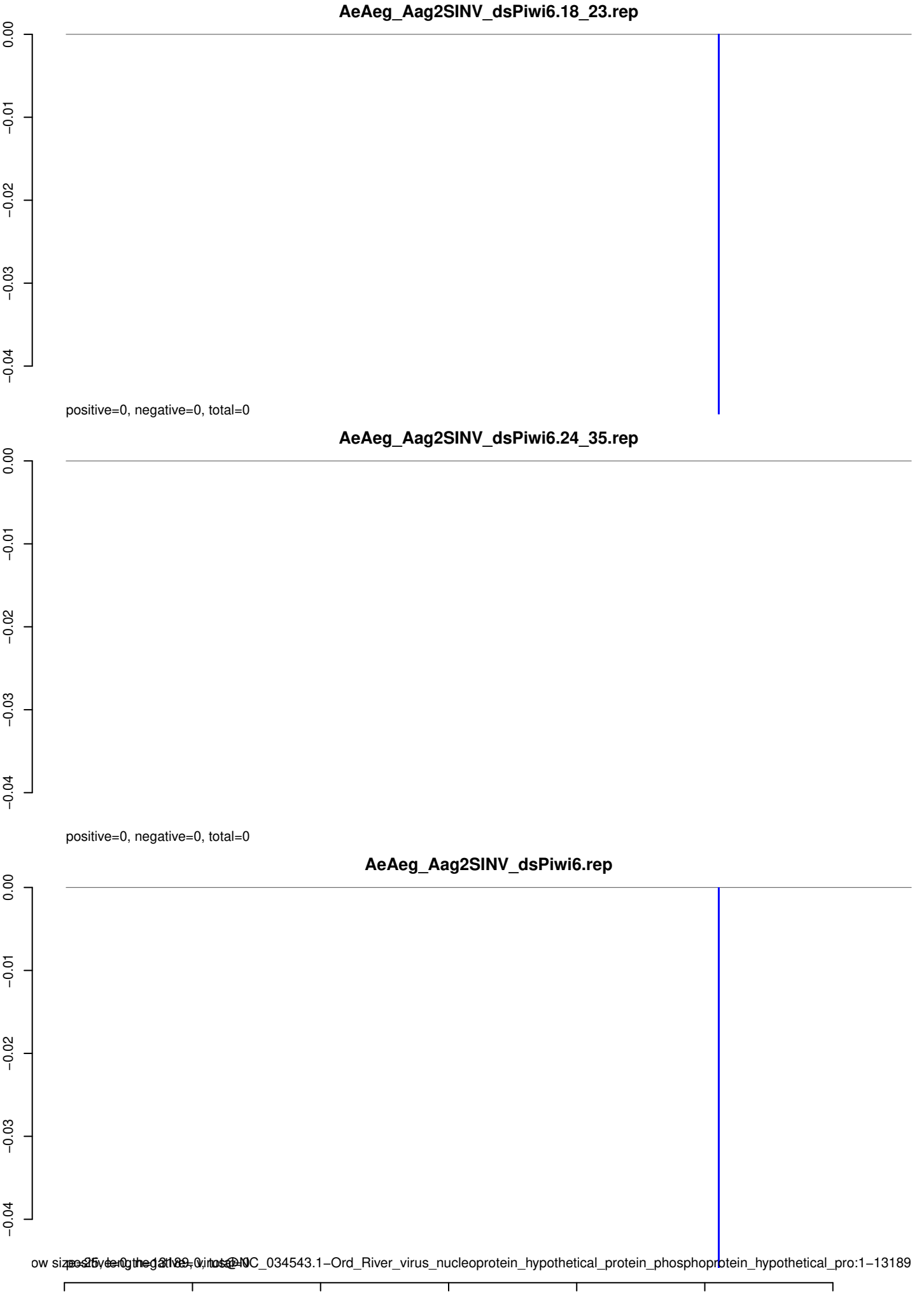
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−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
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−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
ow size=25 length=13189 virus@NC_034543.1−Ord_River_virus_nucleoprotein_hypothetical_protein_phosphoprotein_hypothetical_pro:1−13189
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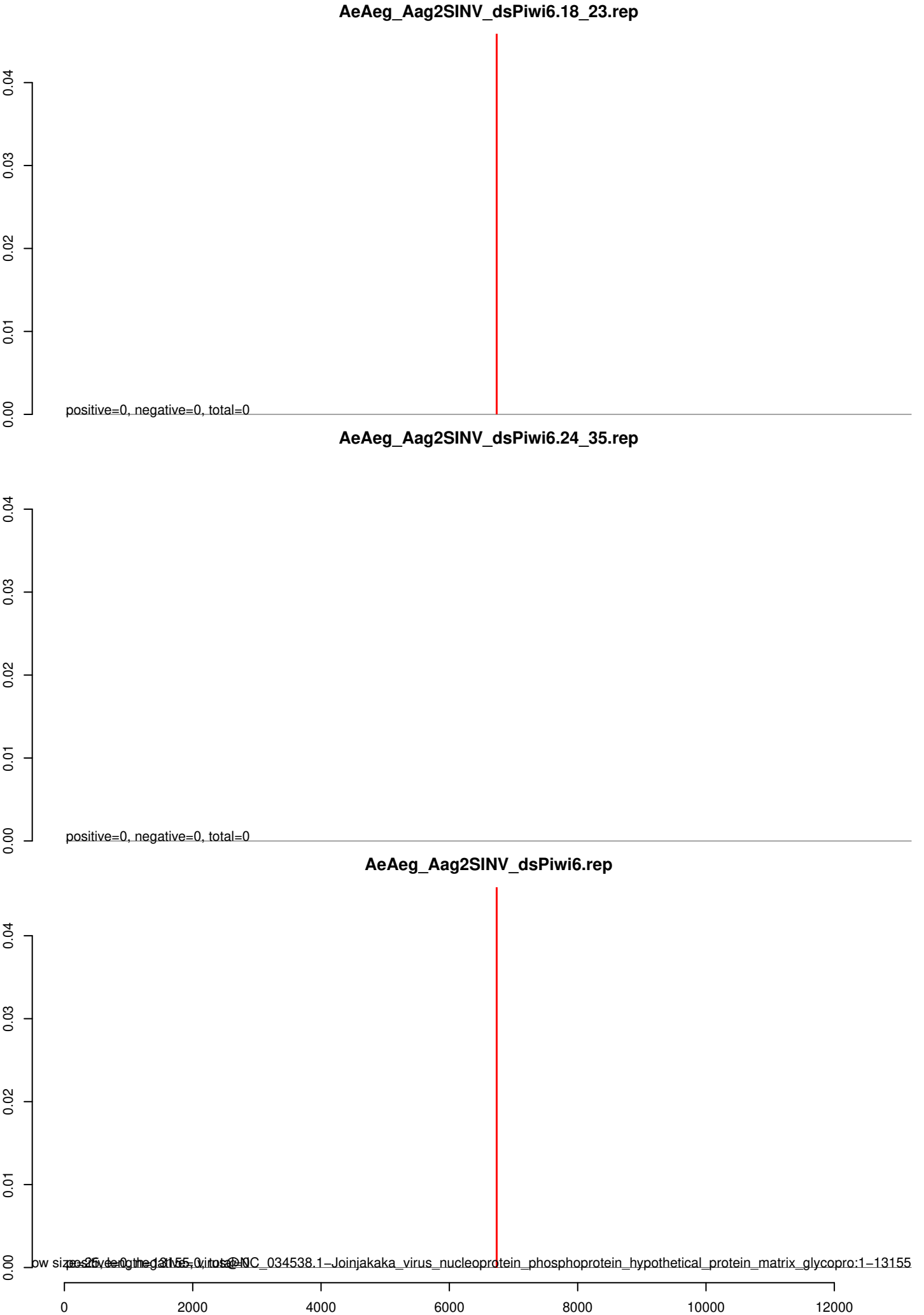
6000
8000
10000
12000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positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
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0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
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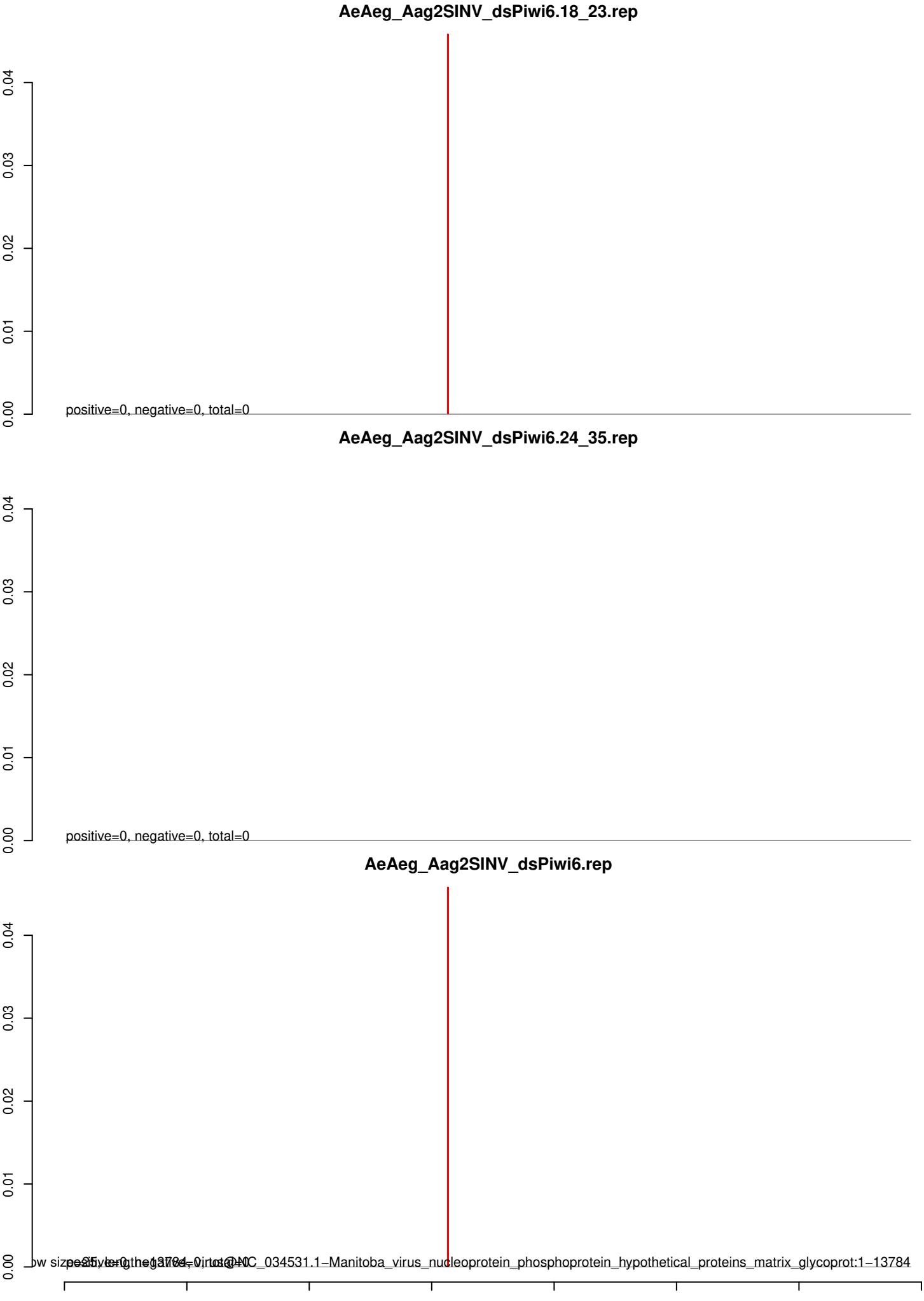
10000
12000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0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
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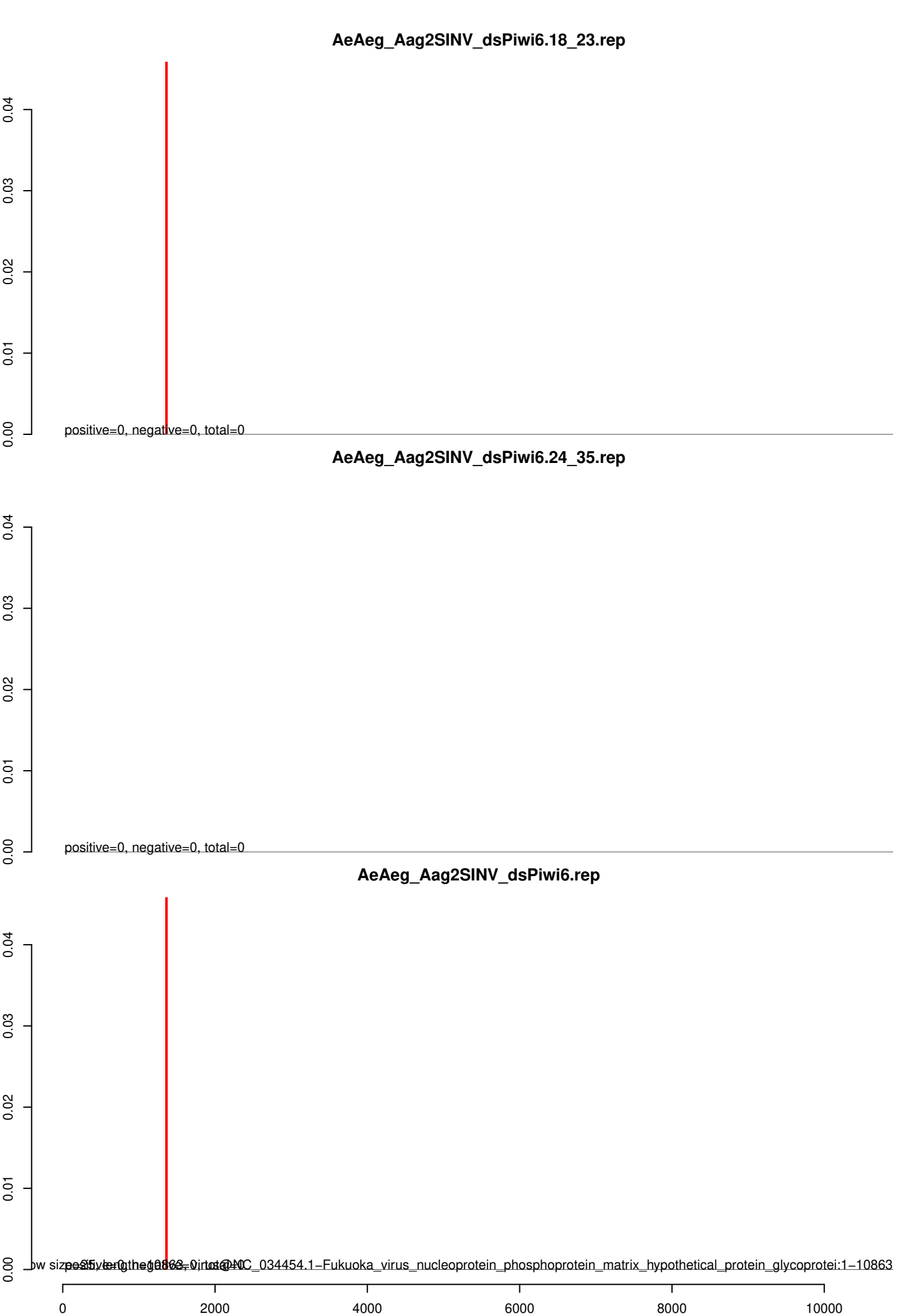
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0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
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0.04
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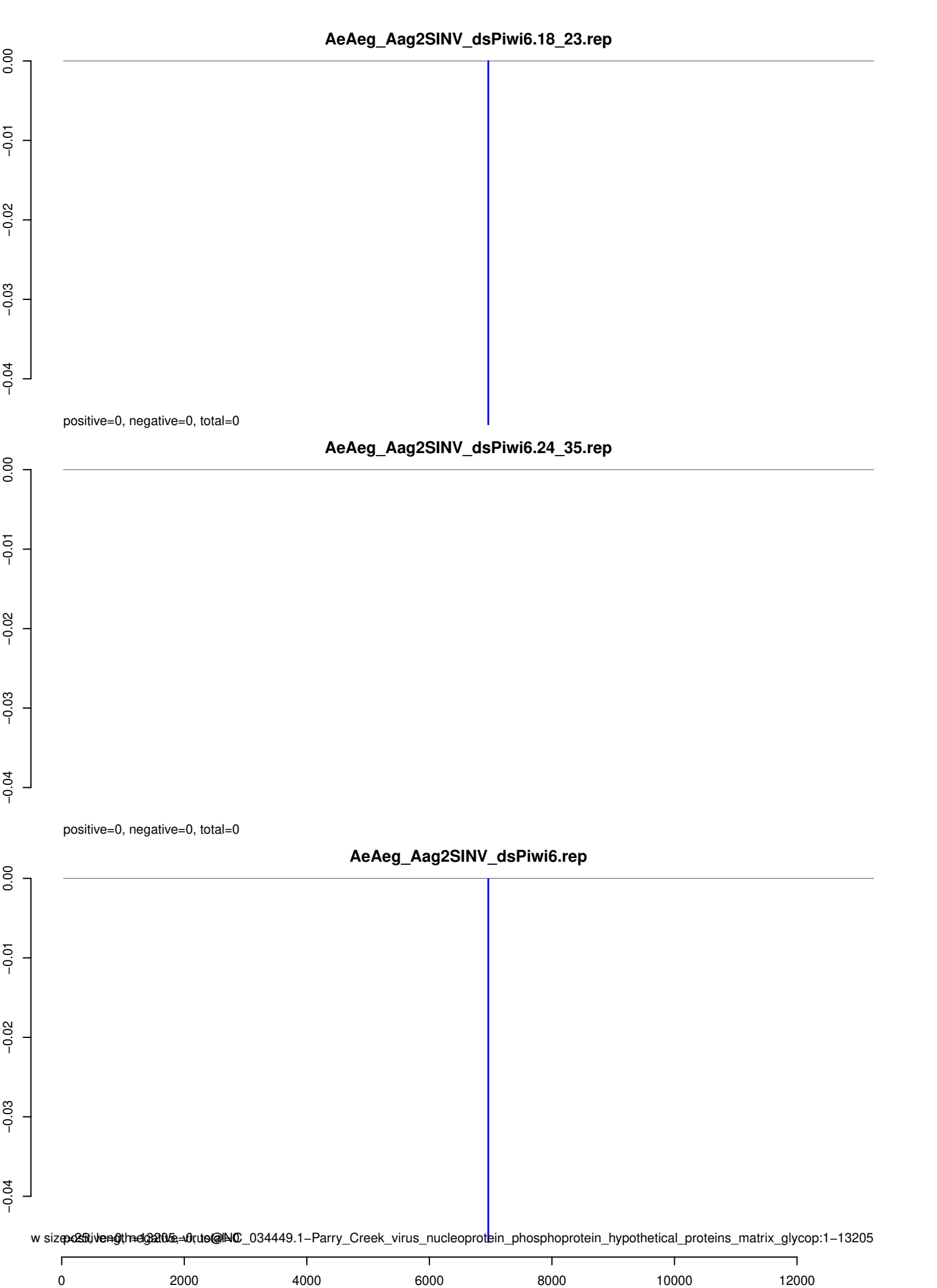
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−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
w size=25, length=13205, 0, us@NC_034449.1−Parry_Creek_virus_nucleoprotein_phosphoprotein_hypothetical_proteins_matrix_glycop:1−13205
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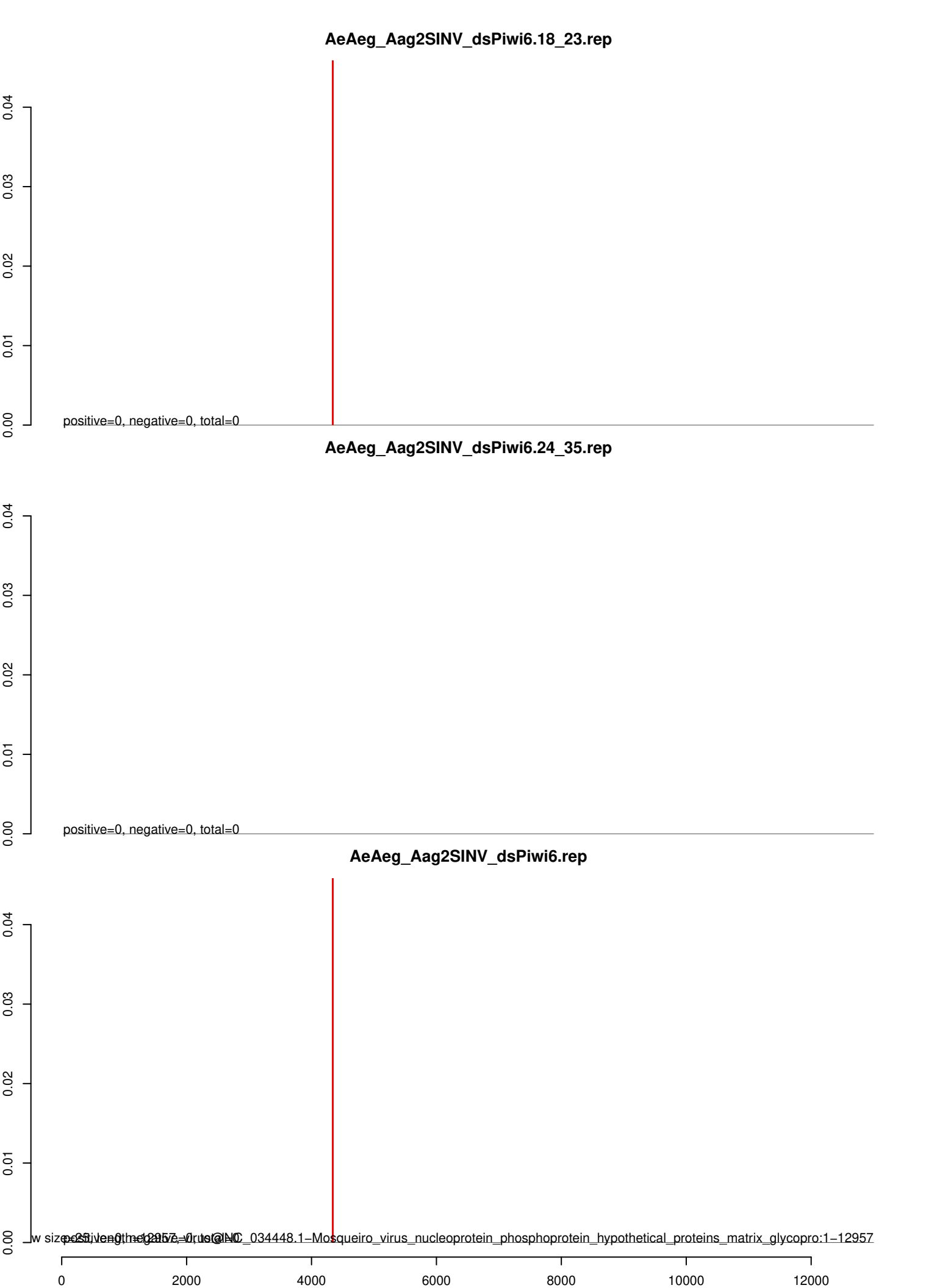
12000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0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
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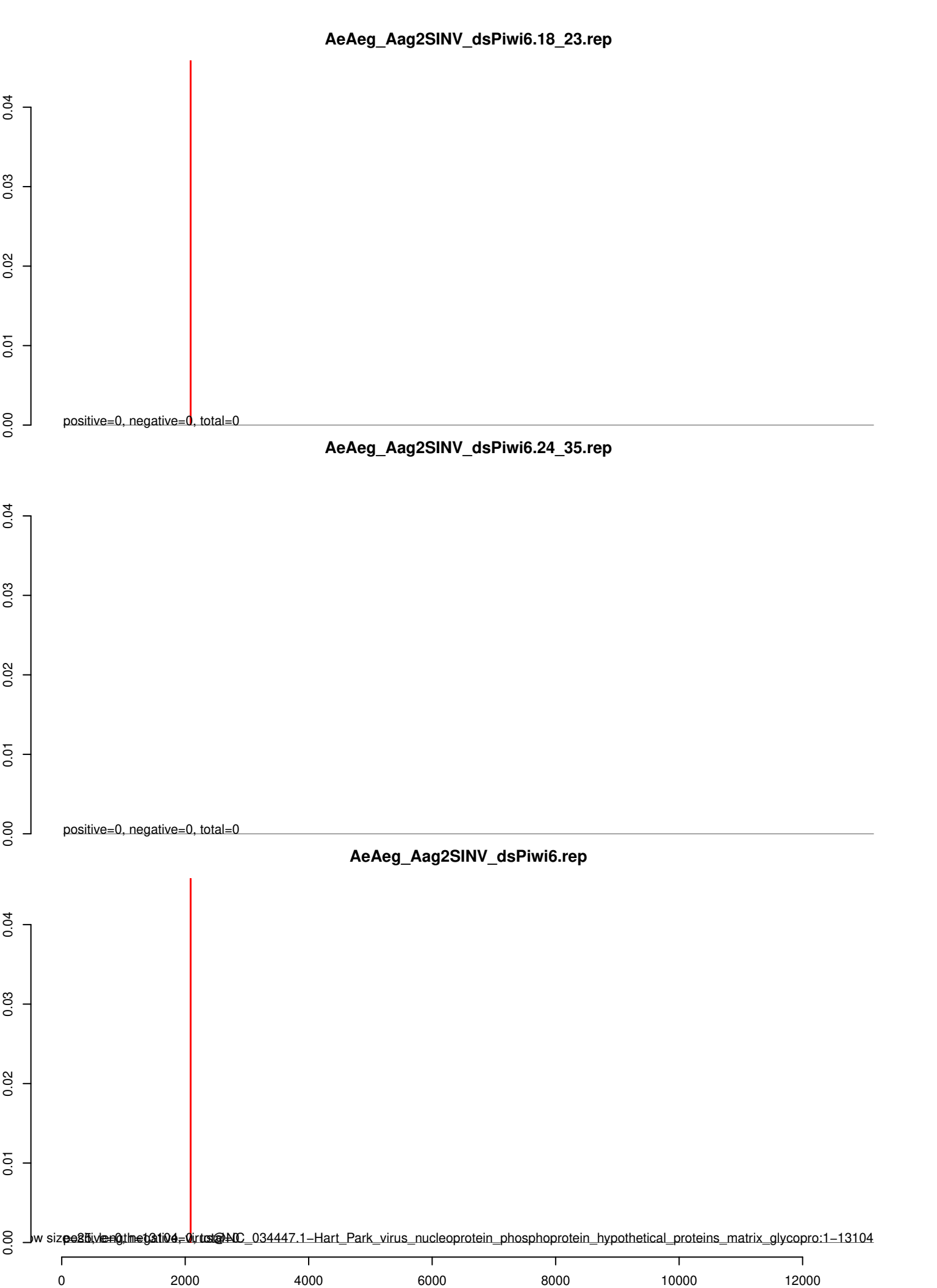
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0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
0
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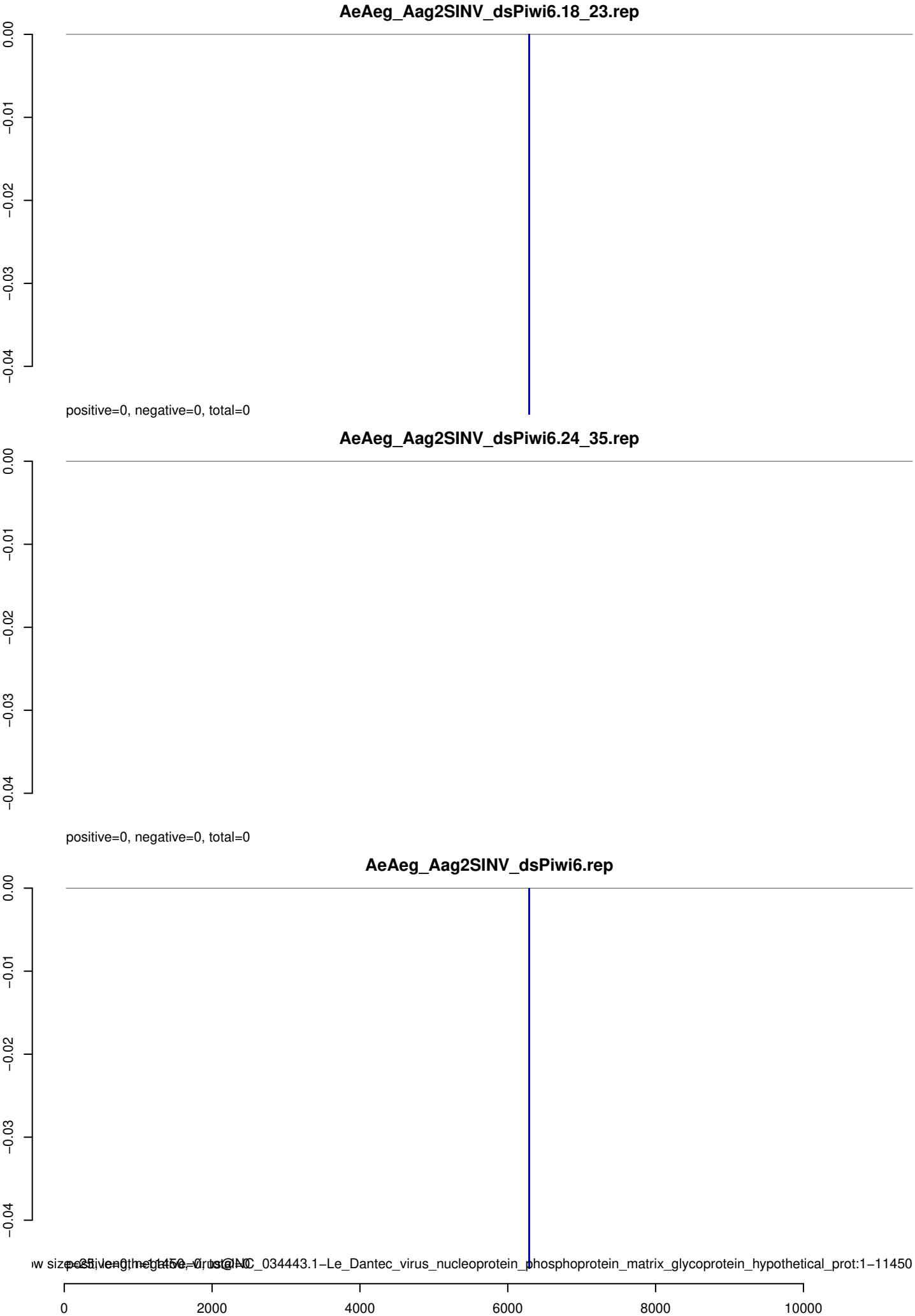
6000
8000
10000
12000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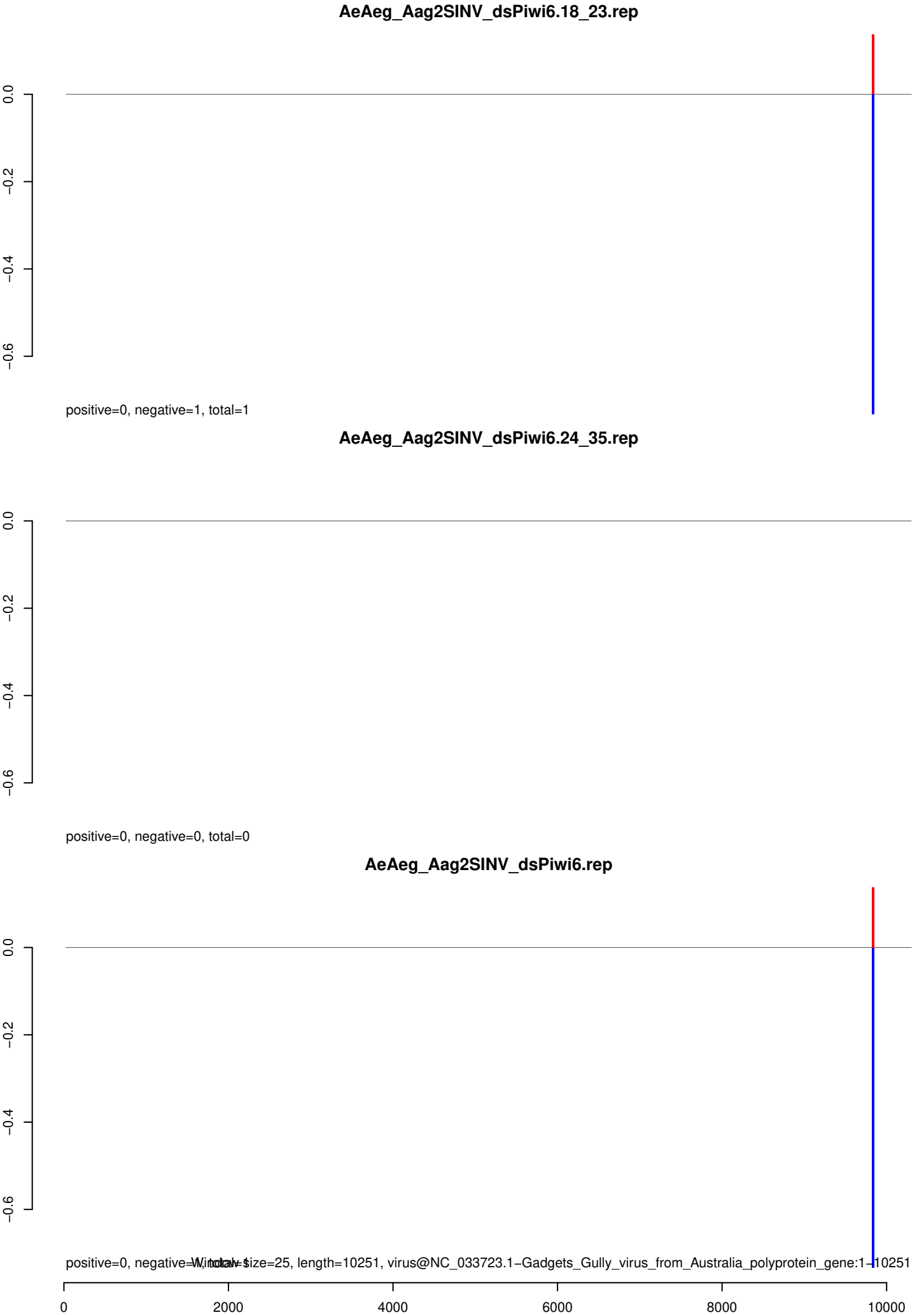
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
0
2000
4000
6000
8000
10000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−0.4
−0.6
positive=0, negative=1, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
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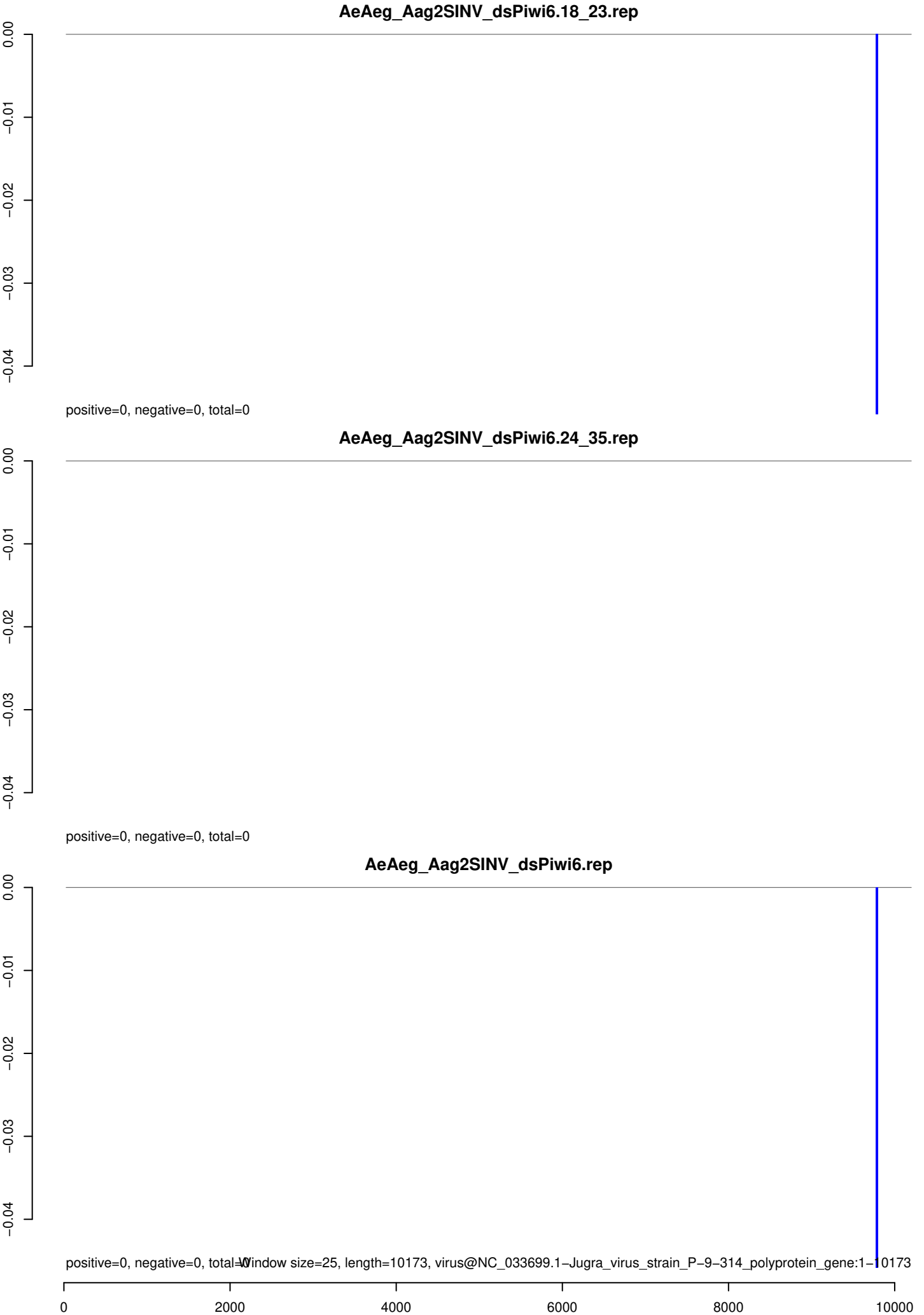
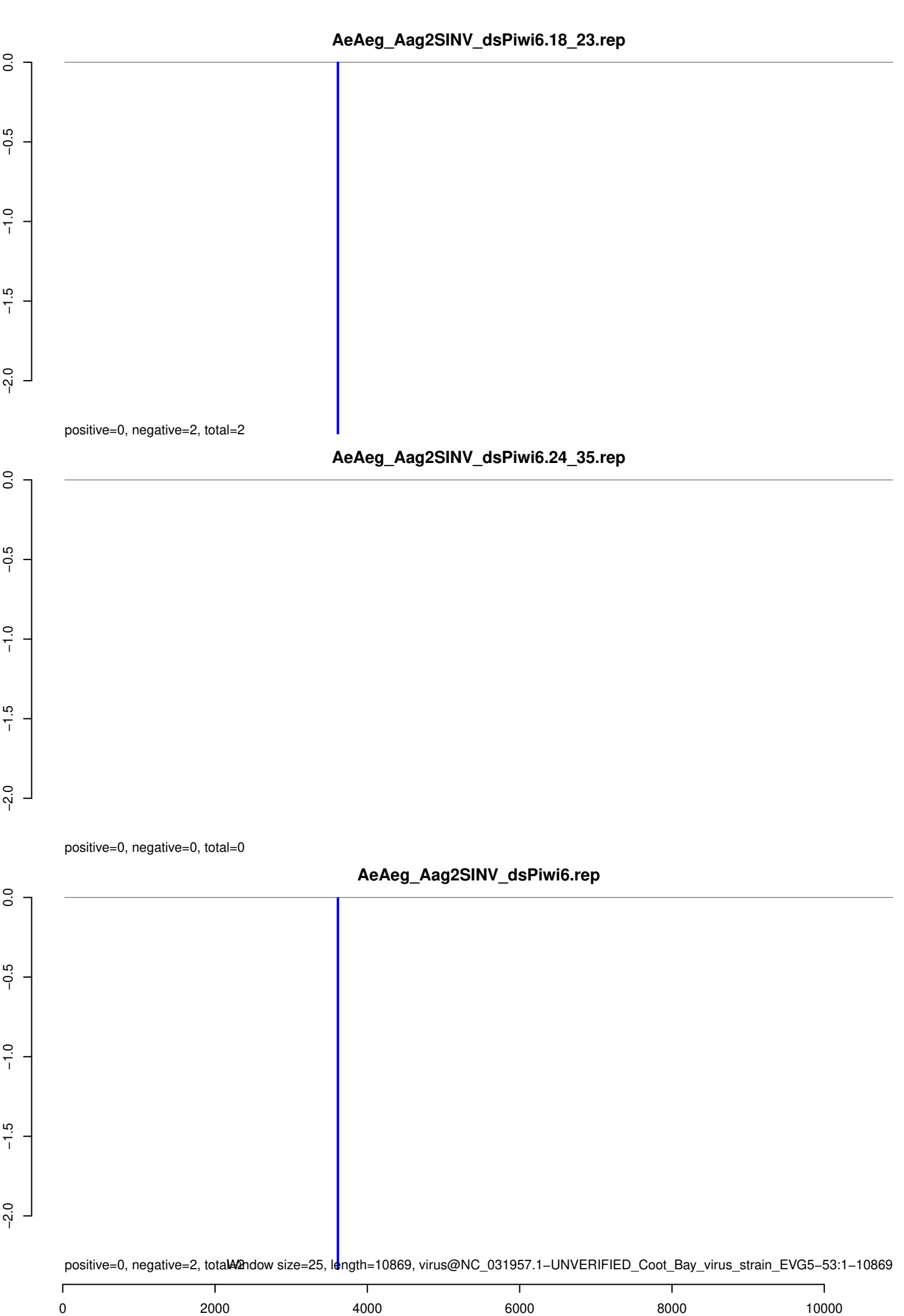
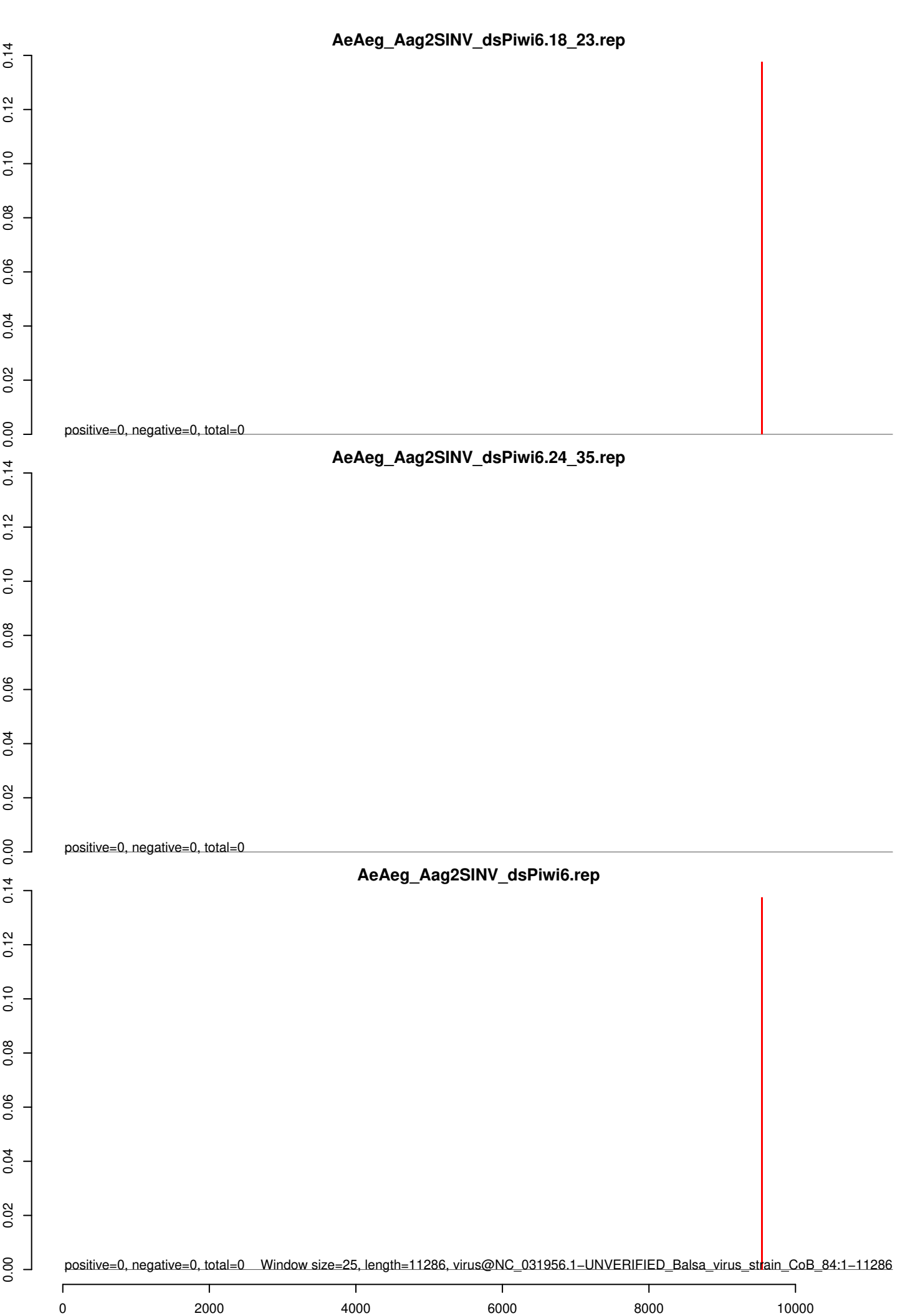
−0.2
−0.4
−0.6
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.0
−0.2
−0.4
−0.6
positive=0, negative=1, total=1
Window size=25, length=10251, virus@NC_033723.1−Gadgets_Gully_virus_from_Australia_polyprotein_gene:1−10251
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=10173, virus@NC_033699.1−Jugra_virus_strain_P−9−314_polyprotein_gene:1−10173
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=2
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.0
−0.5
−1.0
−1.5
−2.0
positive=0, negative=2, total=2
window size=25, length=10869, virus@NC_031957.1−UNVERIFIED_Coot_Bay_virus_strain_EVG5−53:1−10869
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
positive=0, negative=0, total=0 Window size=25, length=11286, virus@NC_031956.1–UNVERIFIED_Balsa_virus_strain_CoB_84:1–11286
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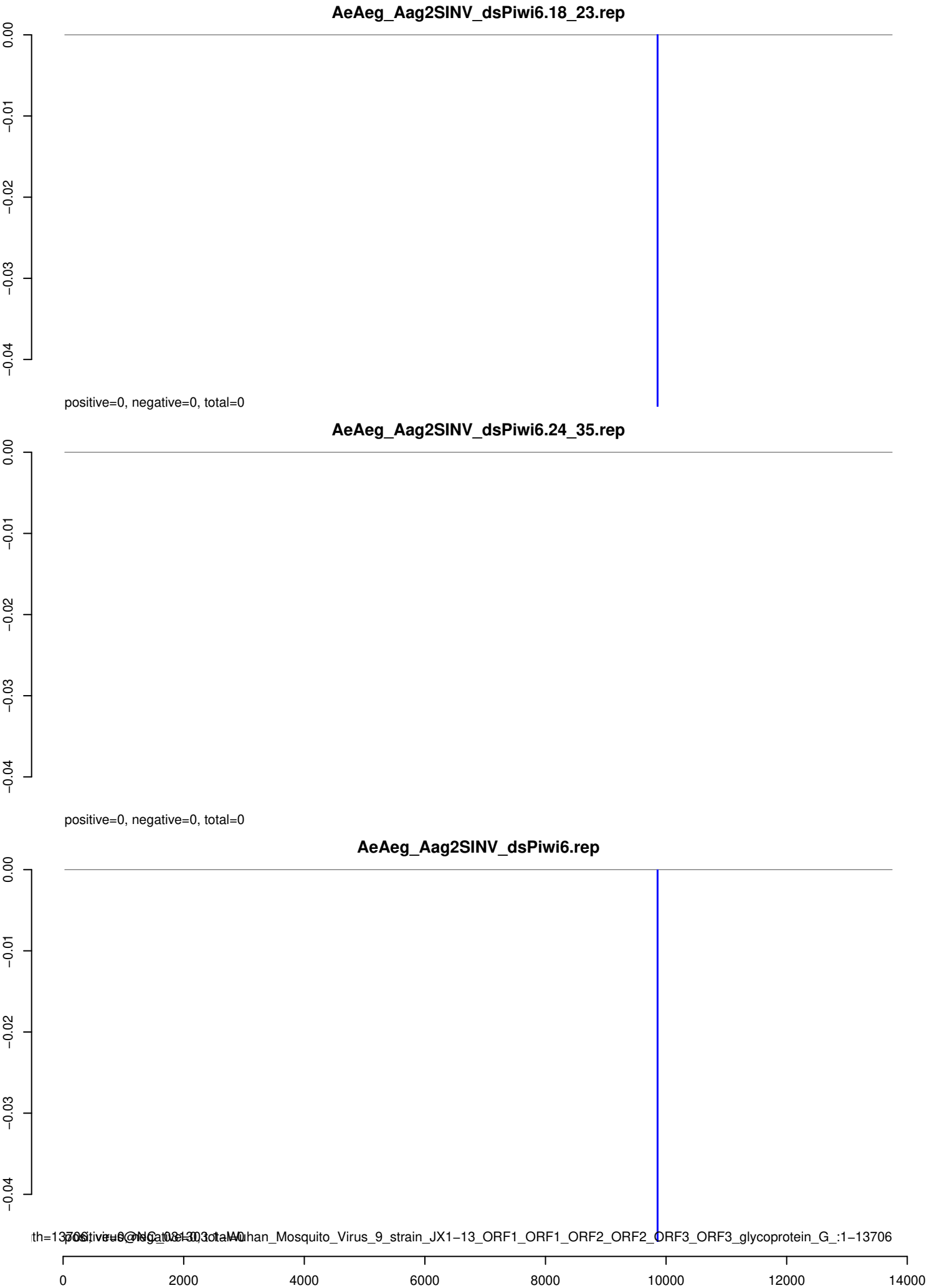
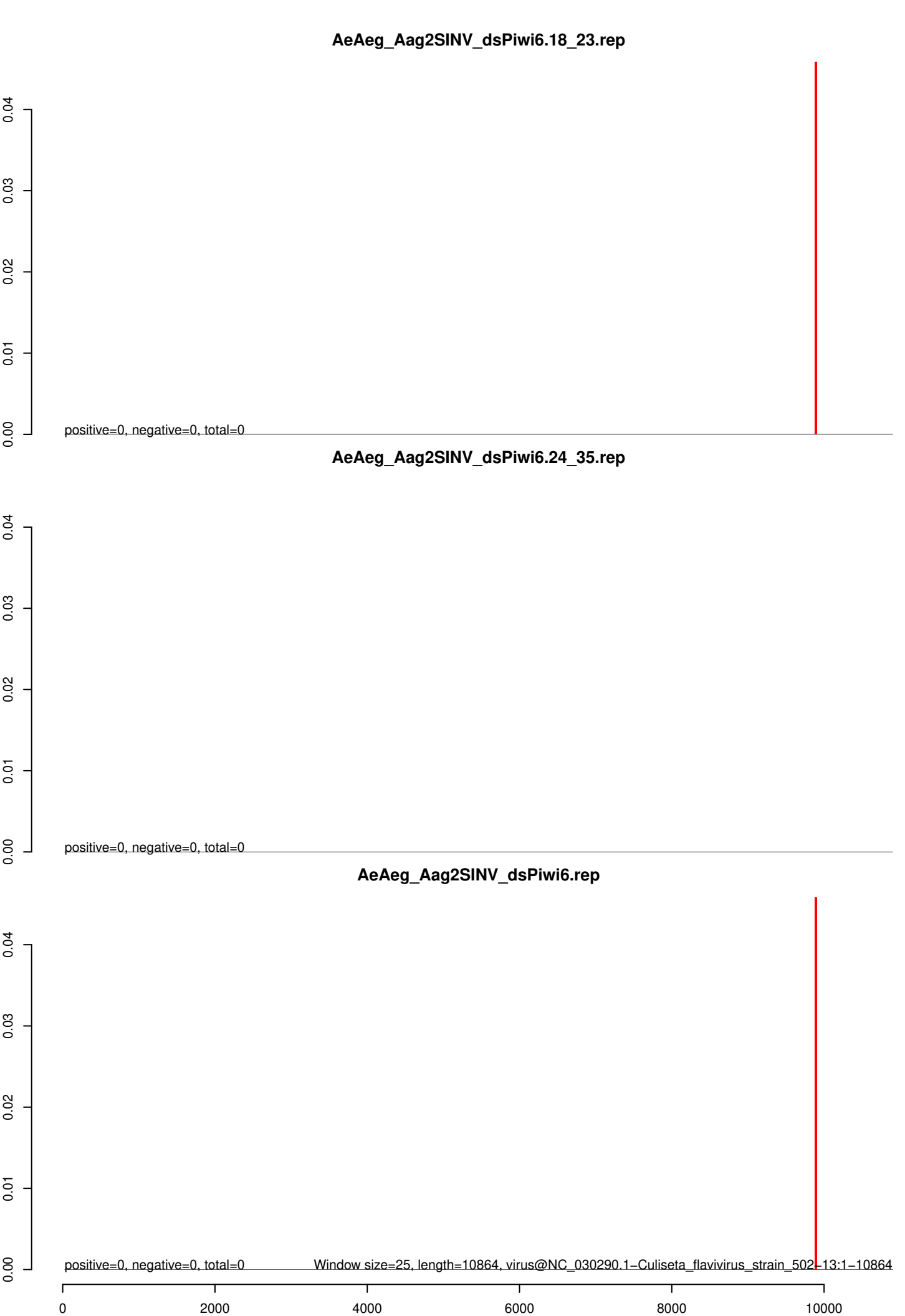
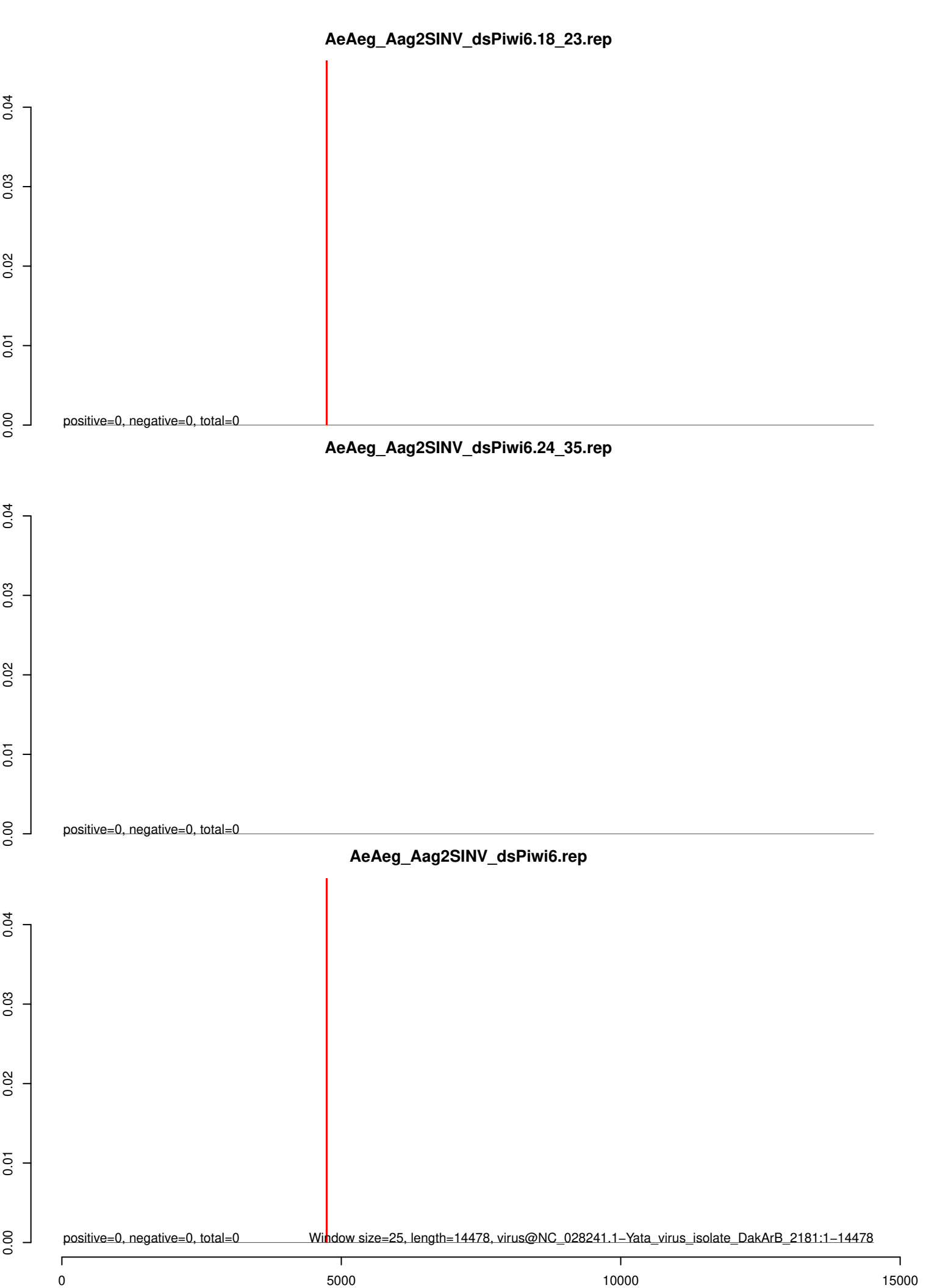
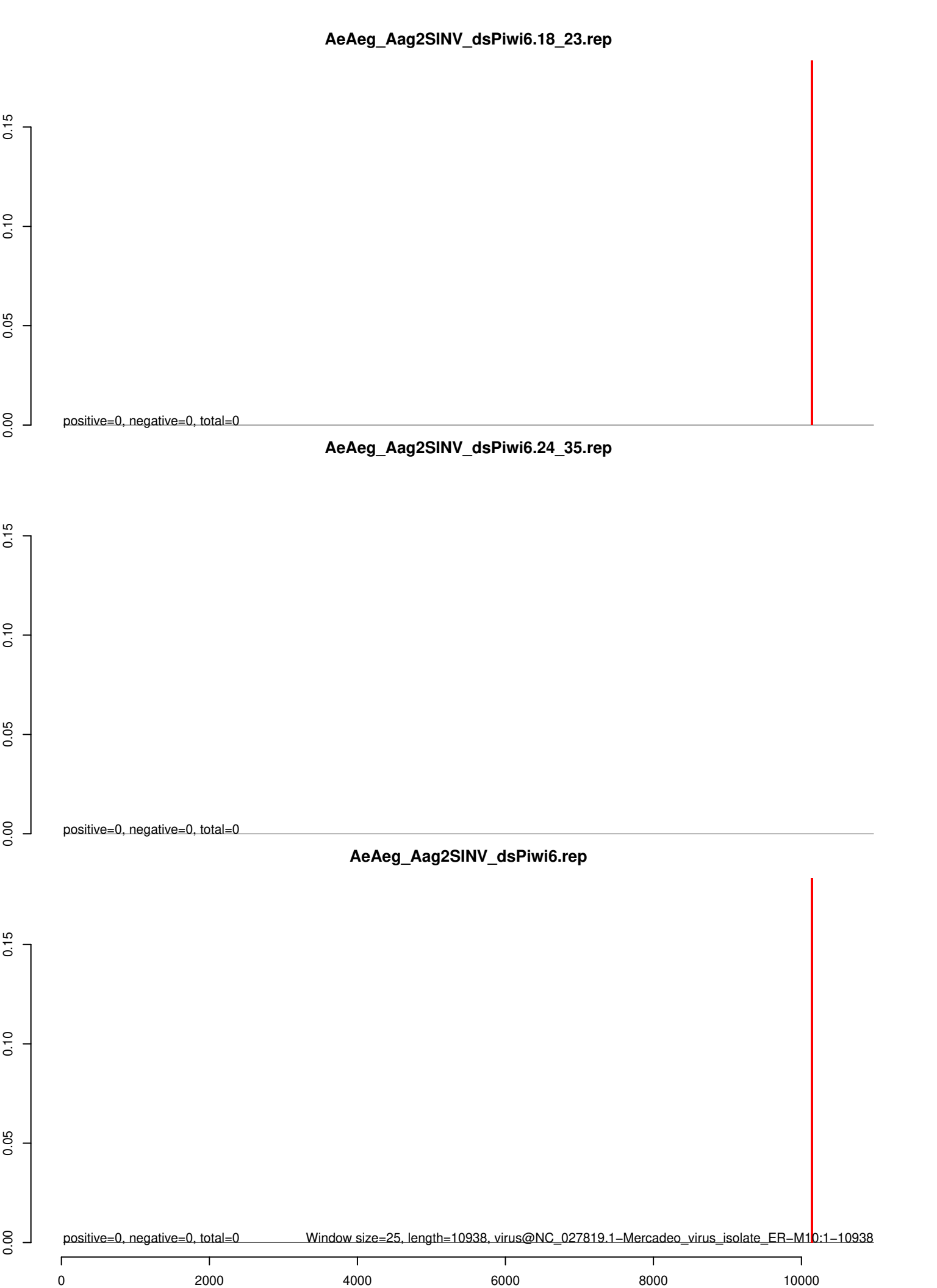
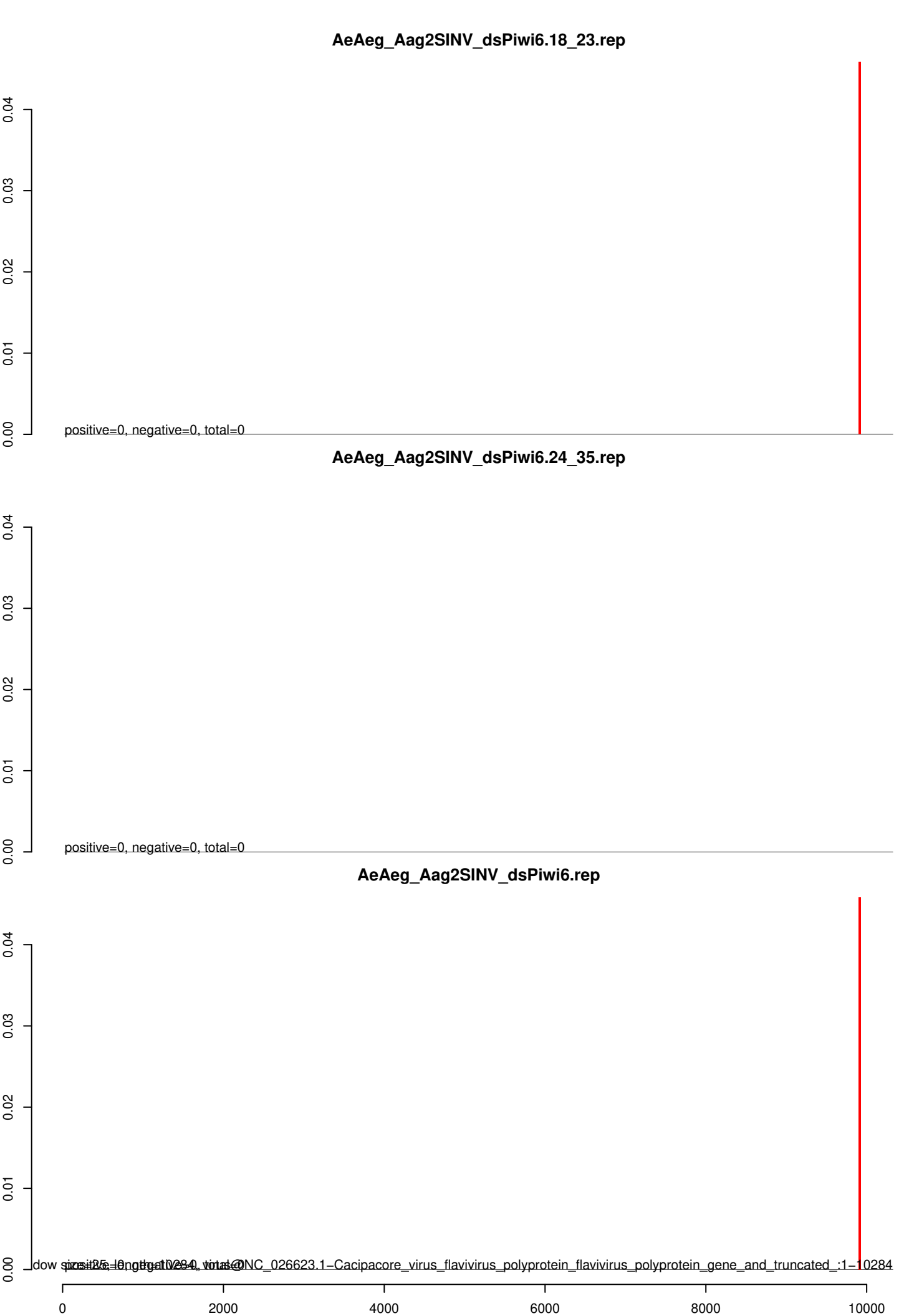
4000
6000
8000
10000

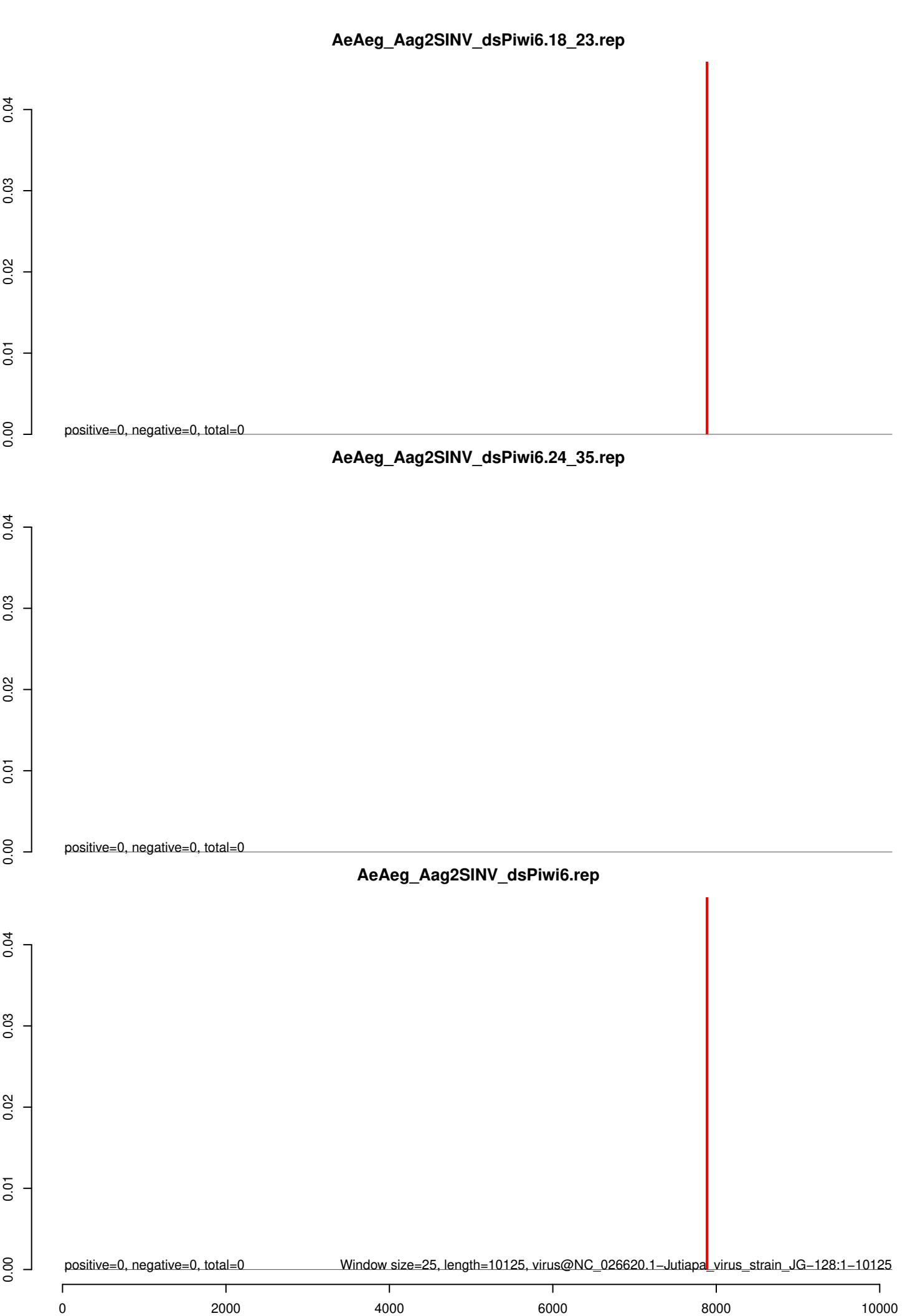

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
th=13706positive=0,negative=0,total=0
Wuhan_Mosquito_Virus_9_strain_JX1−13_ORF1_ORF1_ORF2_ORF2_ORF3_ORF3_glycoprotein_G_:1−13706
0
2000
4000
6000
8000
10000
12000
14000

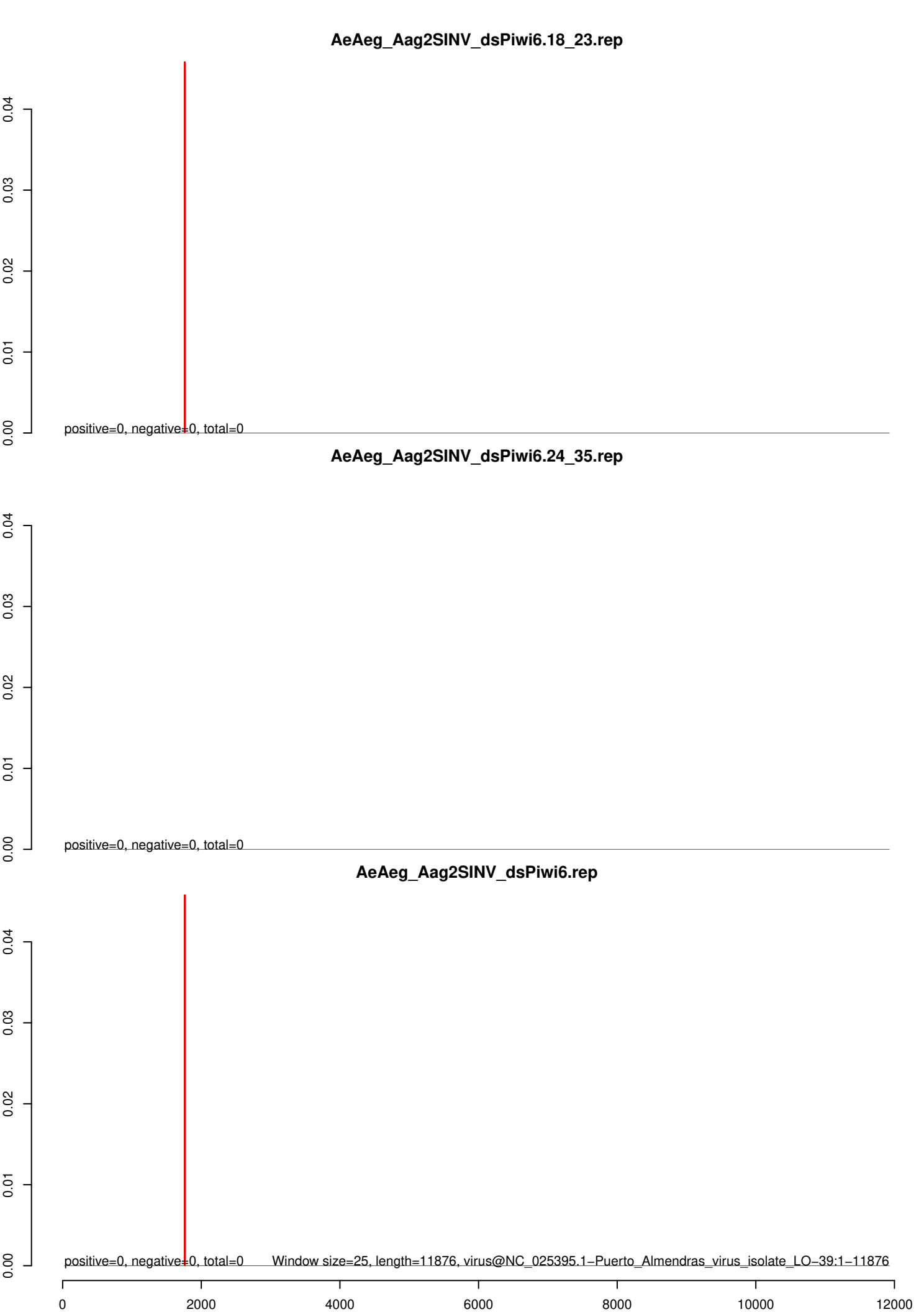

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=10864, virus@NC_030290.1–Culiseta_flavivirus_strain_502–13:1–10864
0
2000
4000
6000
8000
10000

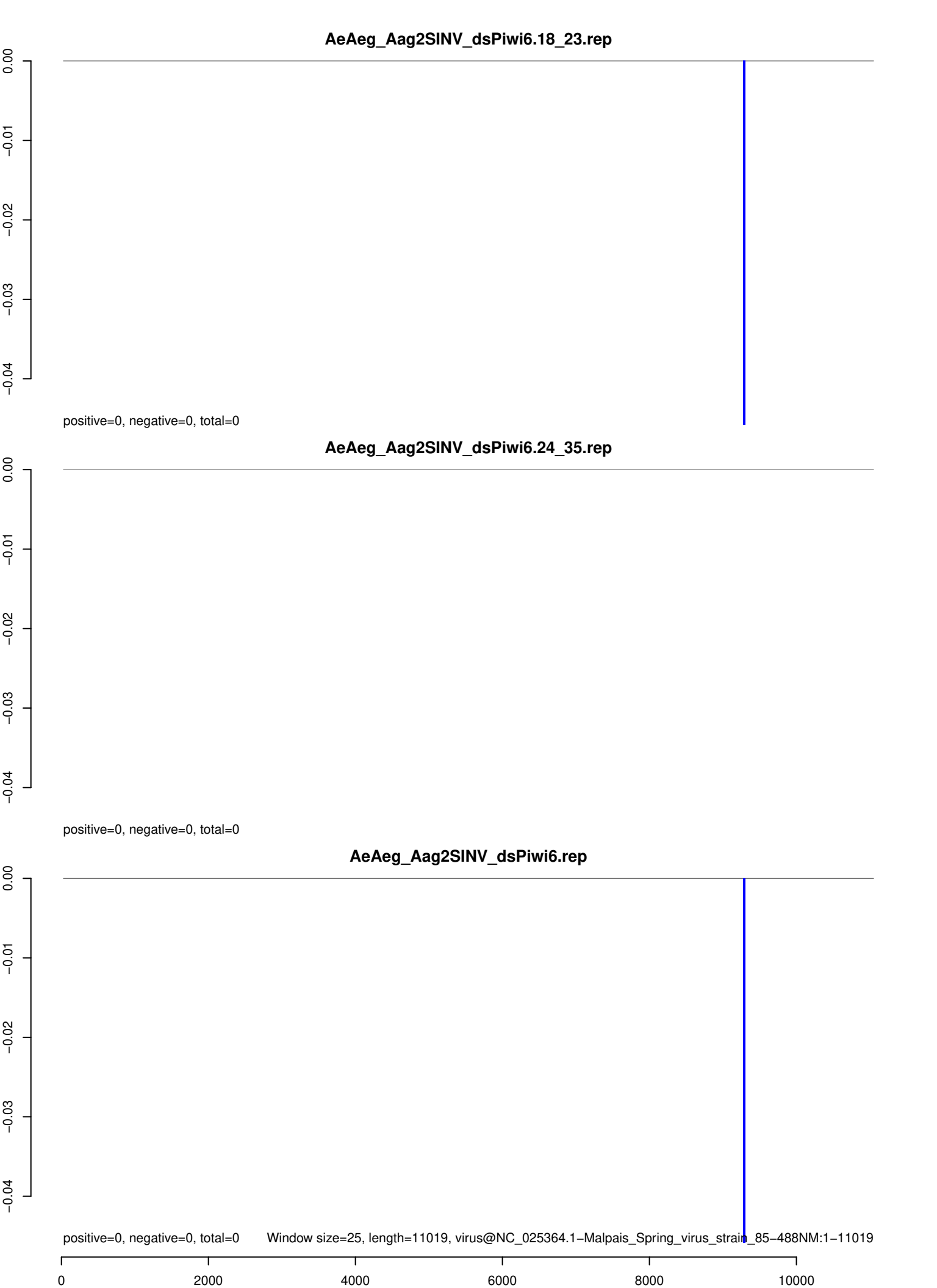

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=14478, virus@NC_028241.1−Yata_virus_isolate_DakArB_2181:1−14478
0
5000
10000
15000

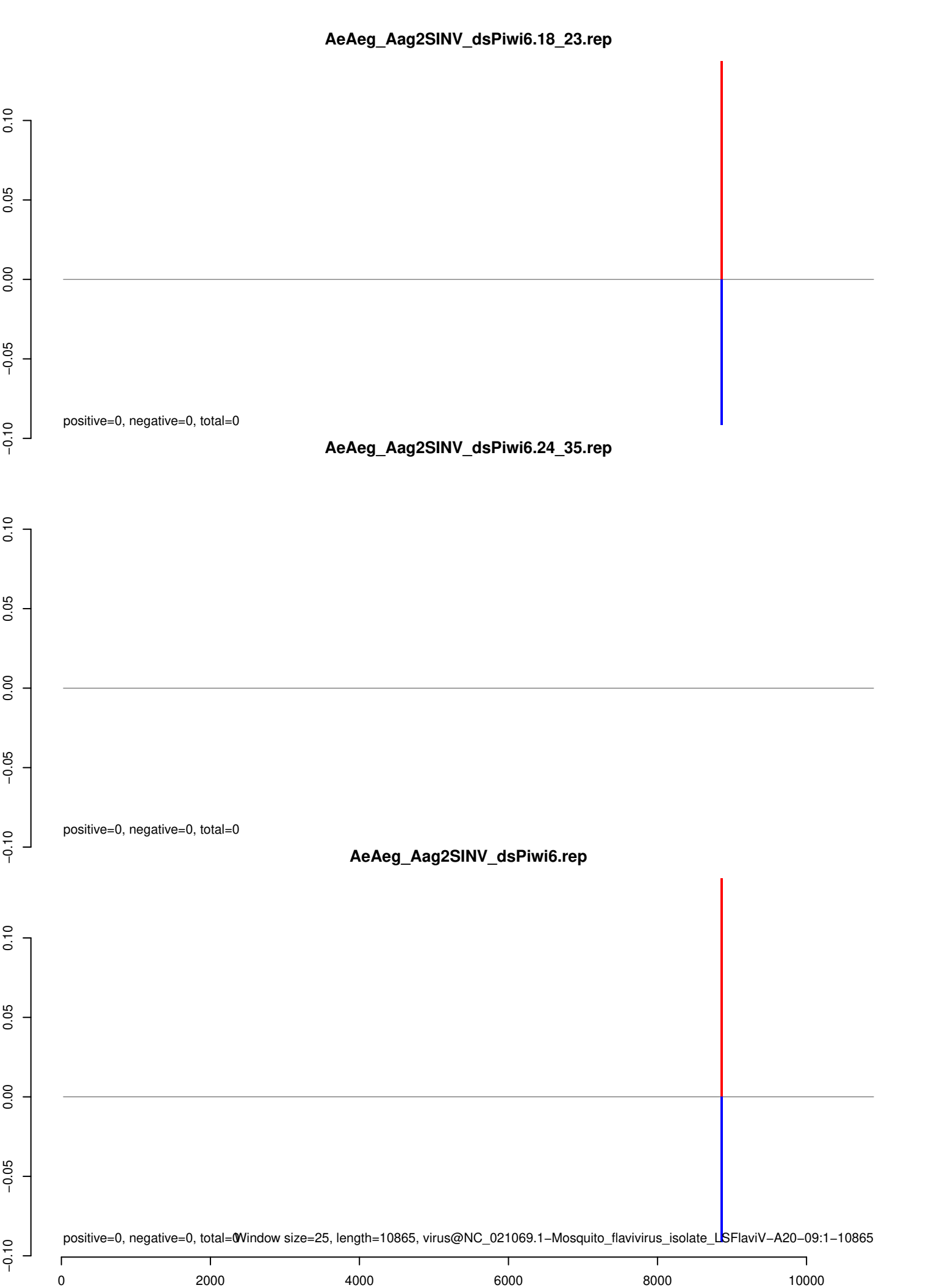

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.15
0.10
0.05
0.00
positive=0, negative=0, total=0
Window size=25, length=10938, virus@NC_027819.1–Mercadeo_virus_isolate_ER–M10:1–10938
0
2000
4000
6000
8000
10000

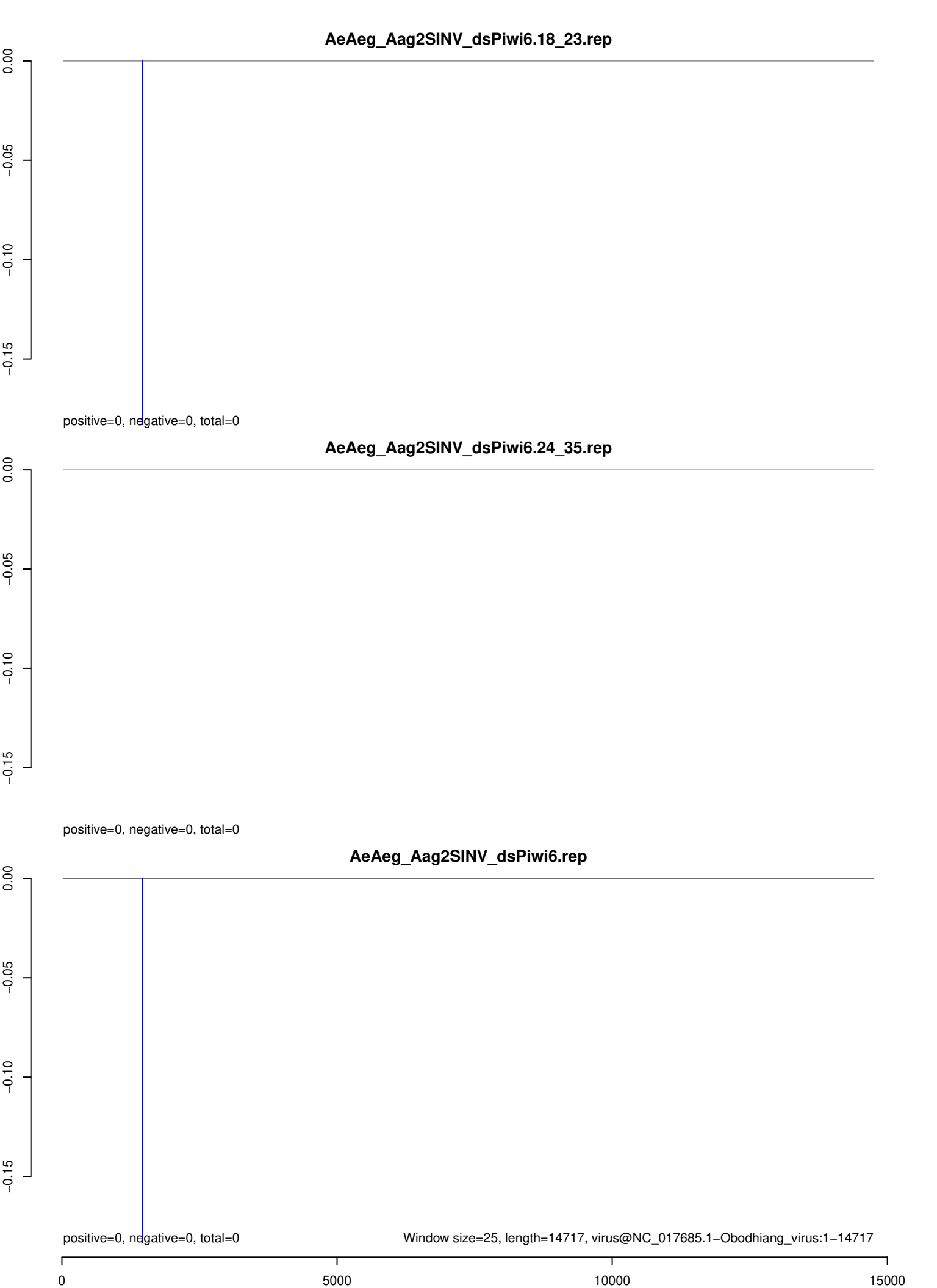

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
dow size=25, length=10284, total=
NC_026623.1–Cacipacore_virus_flavivirus_polyprotein_flavivirus_polyprotein_gene_and_truncated_:1–10284
0
2000
4000
6000
8000
10000

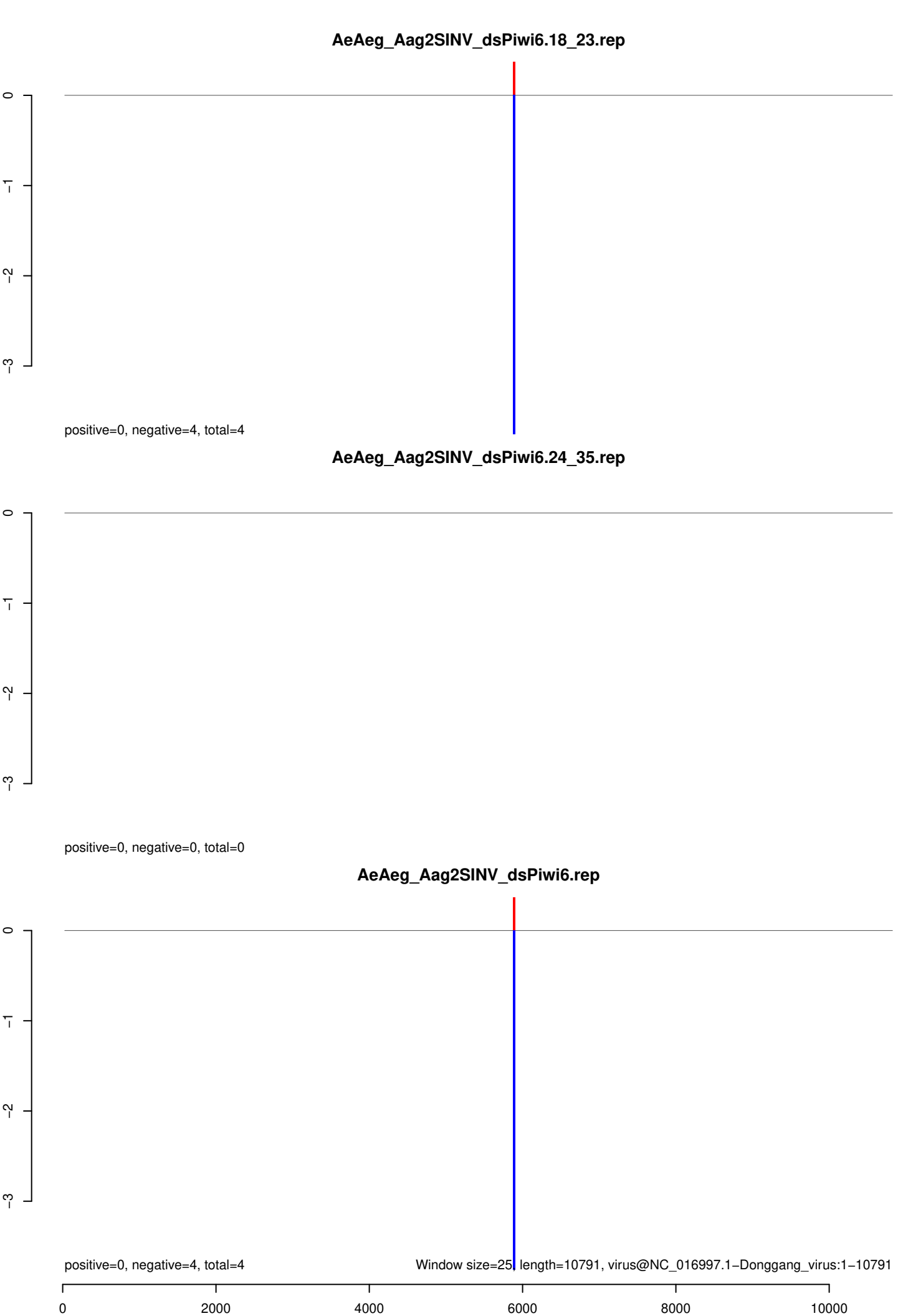

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=10125, virus@NC_026620.1–Jutiapa_virus_strain_JG–128:1–10125
0
2000
4000
6000
8000
10000

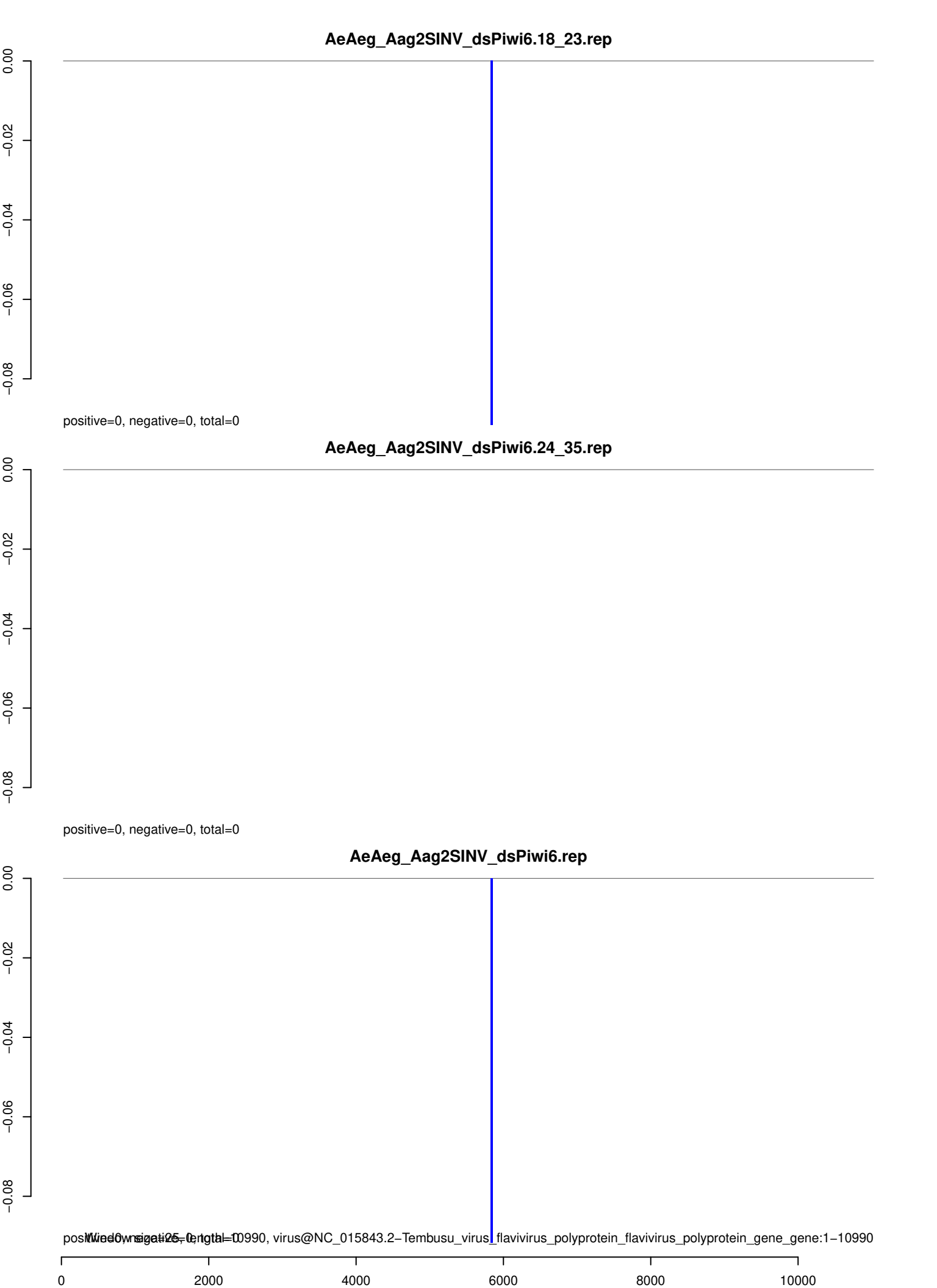

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=11876, virus@NC_025395.1–Puerto_Almendras_virus_isolate_LO–39:1–11876
0
2000
4000
6000
8000
10000
12000

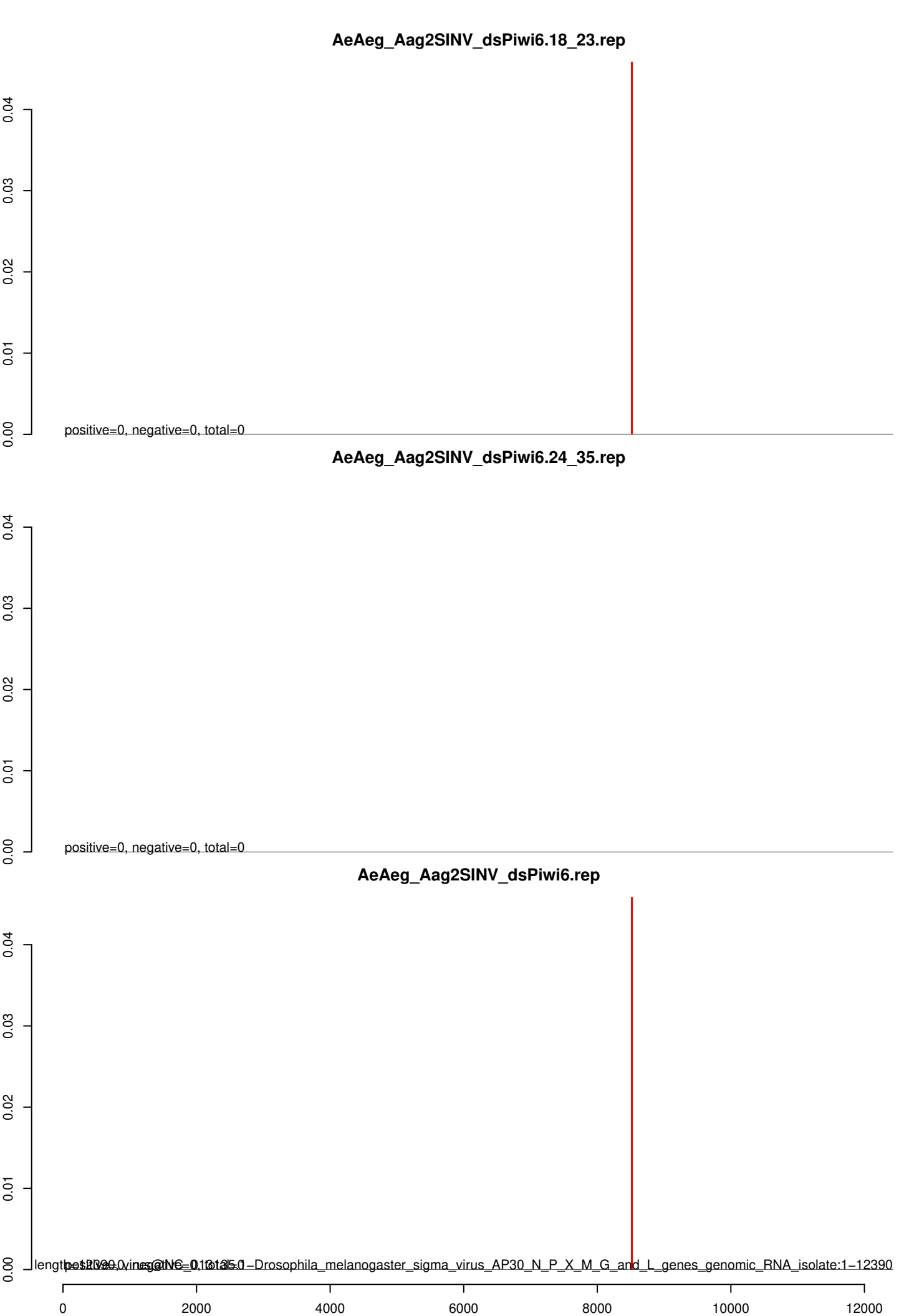

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=11019, virus@NC_025364.1−Malpais_Spring_virus_strain_85−488NM:1−11019
0
2000
4000
6000
8000
10000

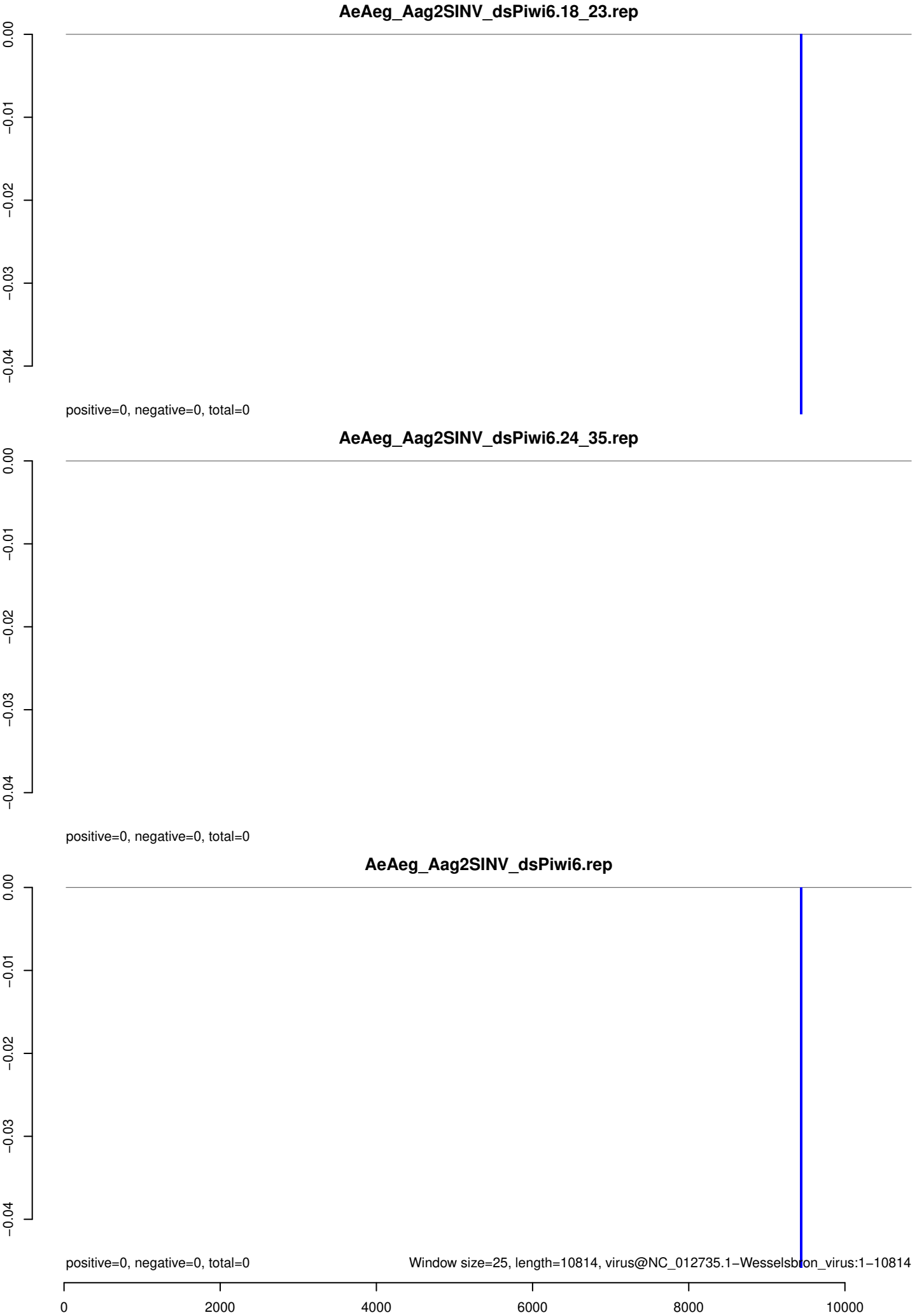

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.10
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
Window size=25, length=10865, virus@NC_021069.1−Mosquito_flavivirus_isolate_LSFlaviV−A20−09:1−10865
0
2000
4000
6000
8000
10000

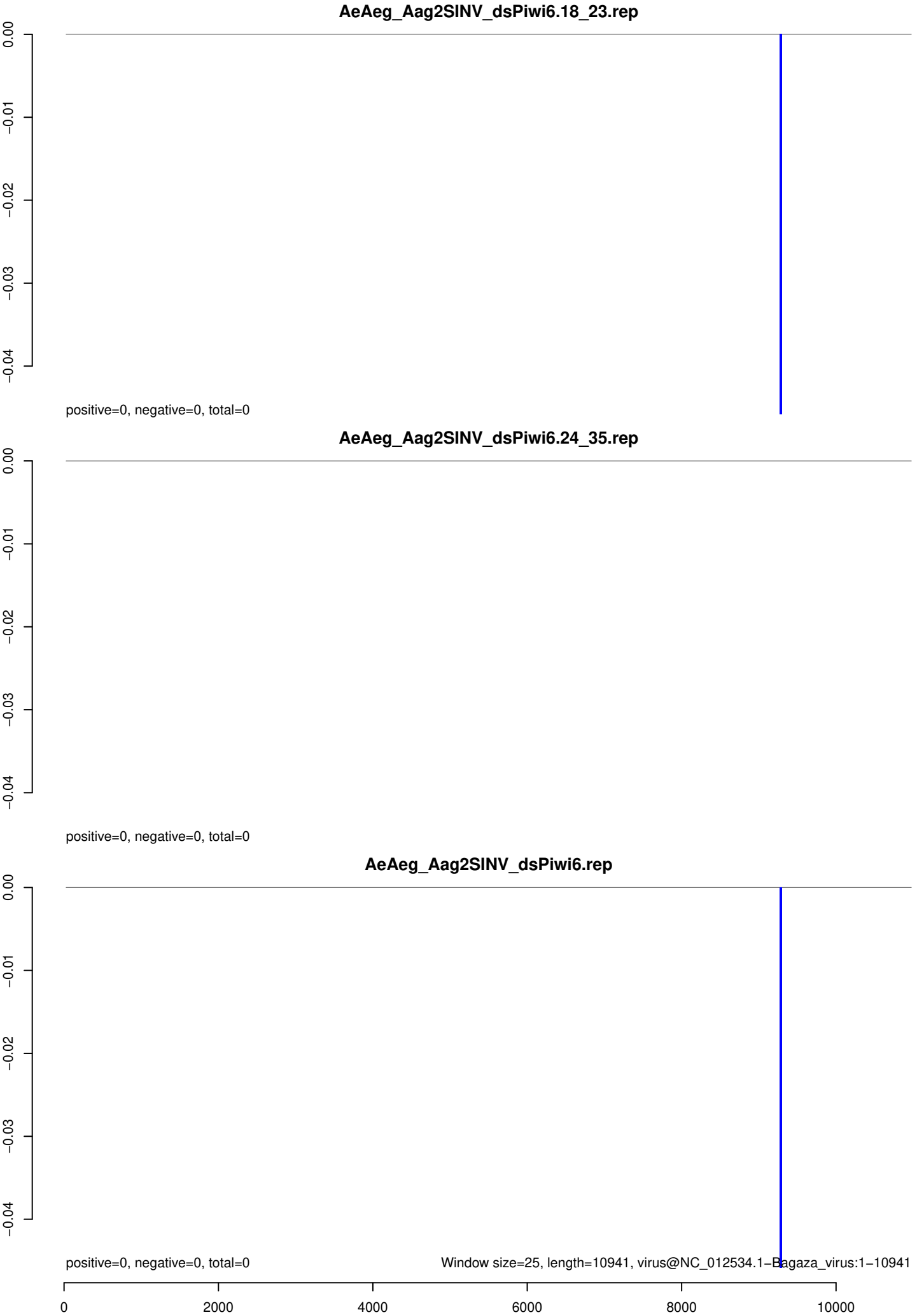

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
Window size=25, length=14717, virus@NC_017685.1−Obodhiang_virus:1−14717
0
5000
10000
15000

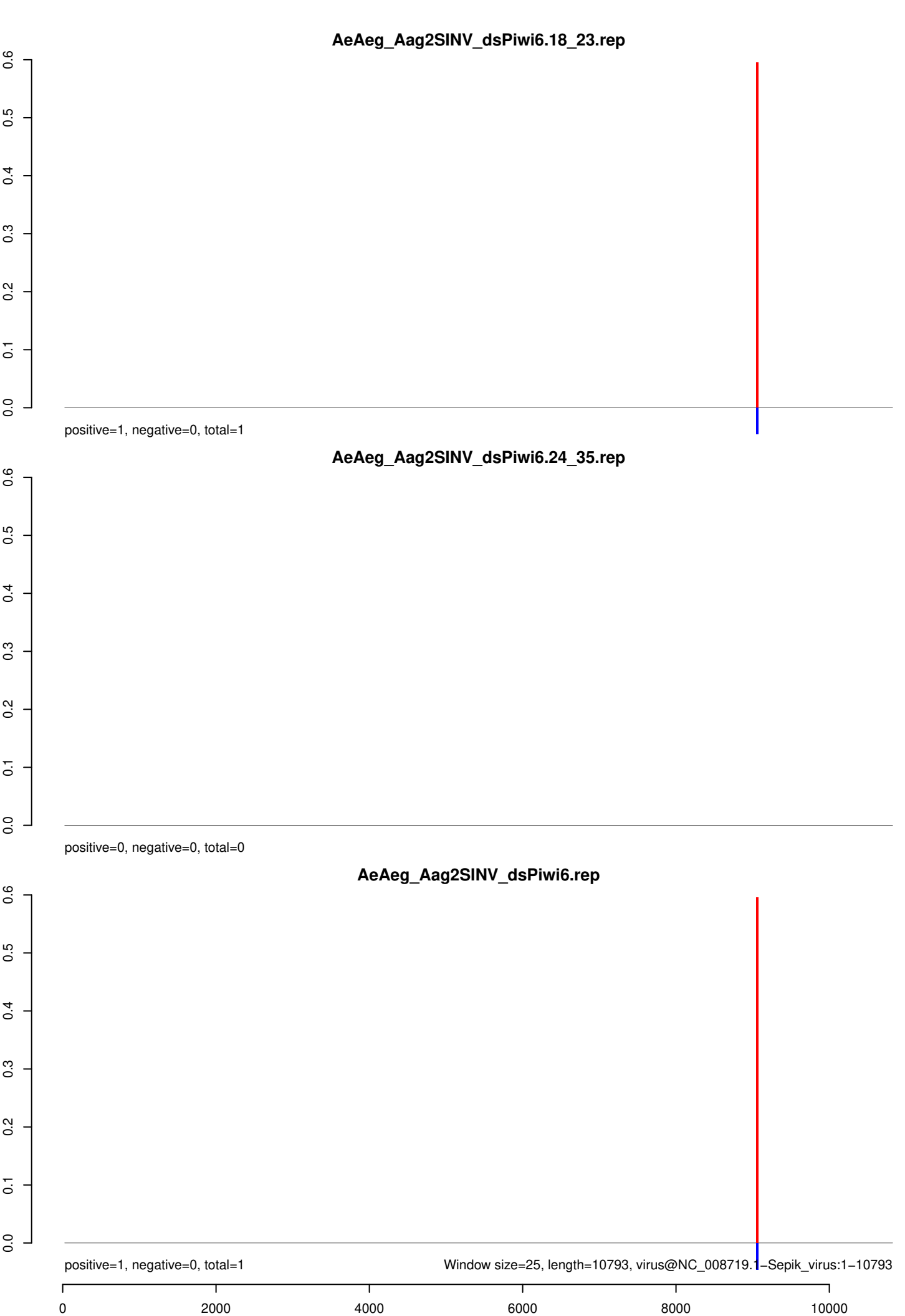

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0
−1
−2
−3
positive=0, negative=4, total=4
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0
−1
−2
−3
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0
−1
−2
−3
positive=0, negative=4, total=4
Window size=25, length=10791, virus@NC_016997.1−Donggang_virus:1−10791
0
2000
4000
6000
8000
10000

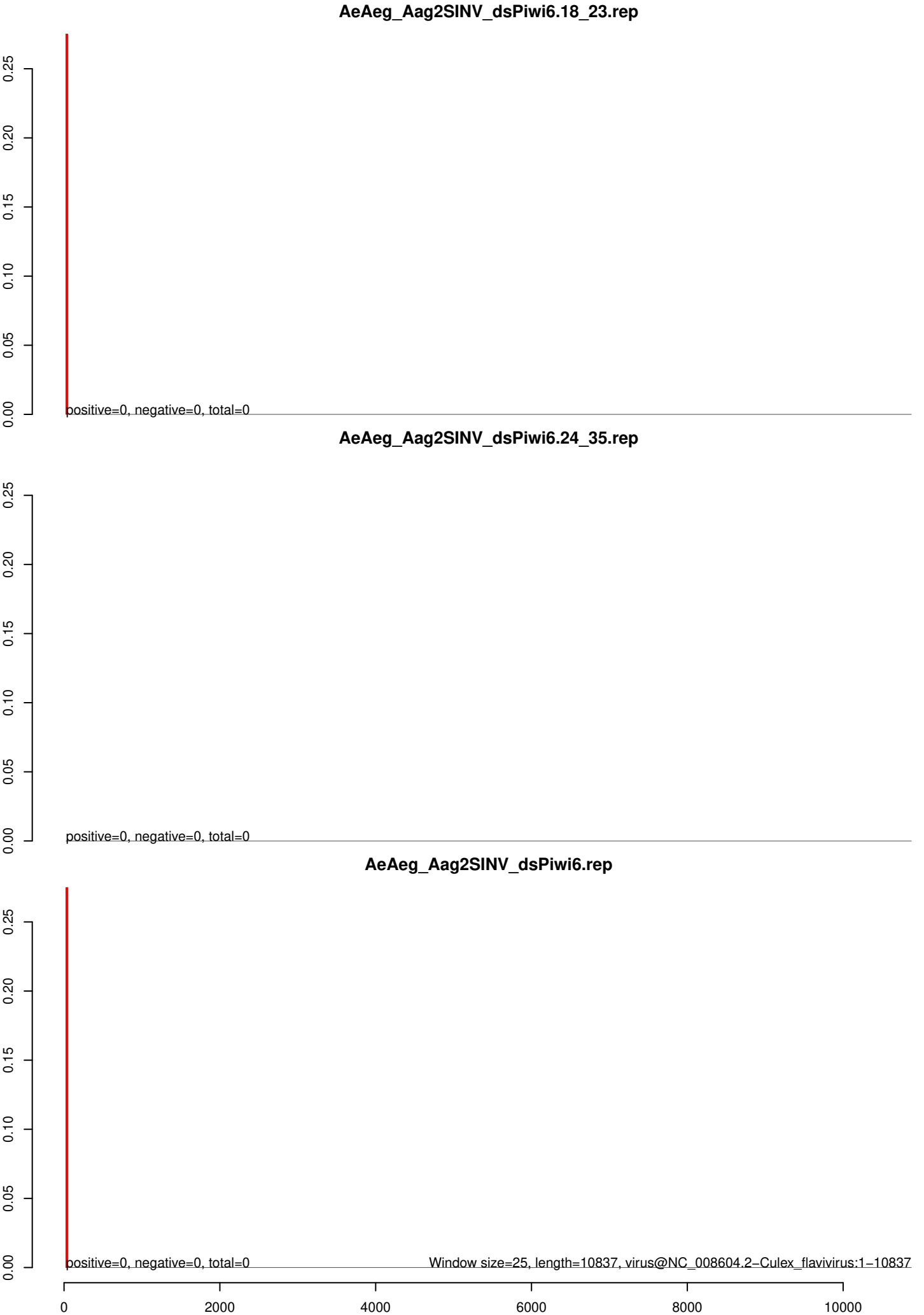

AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0, virus@NC_015843.2−Tembusu_virus_flavivirus_polyprotein_flavivirus_polyprotein_gene_gene:1−10990
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
length=12390 ins@NC_018135.1–Drosophila_melanogaster_sigma_virus_AP30_N_P_X_M_G_and_L_genes_genomic_RNA_isolate:1–12390
0
2000
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=10814, virus@NC_012735.1−Wesselsbron_virus:1−10814
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=10941, virus@NC_012534.1−Bagaza_virus:1−10941
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=1, negative=0, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.0
0.1
0.2
0.3
0.4
0.5
0.6
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.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=10793, virus@NC_008719.1−Sepik_virus:1−10793
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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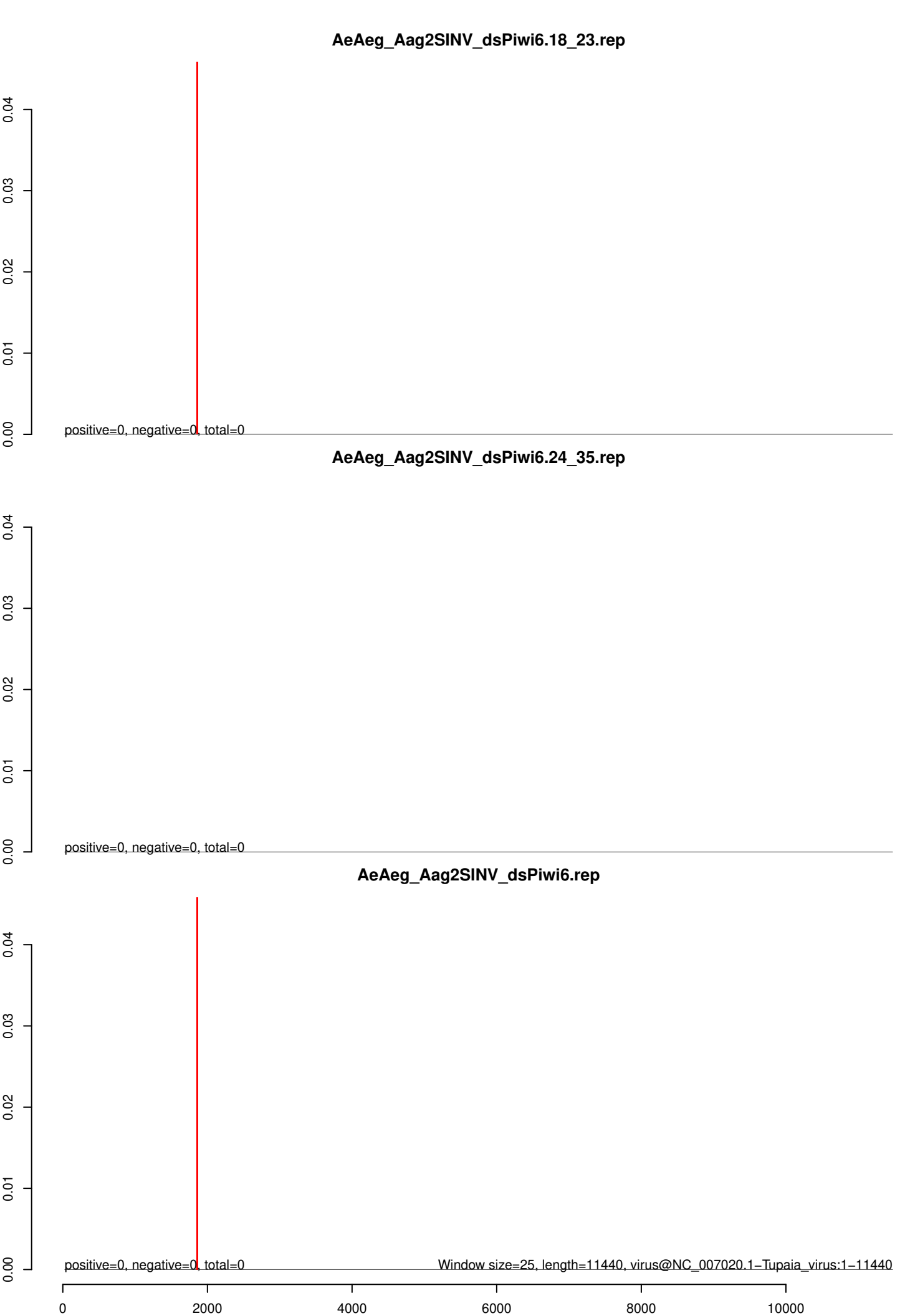
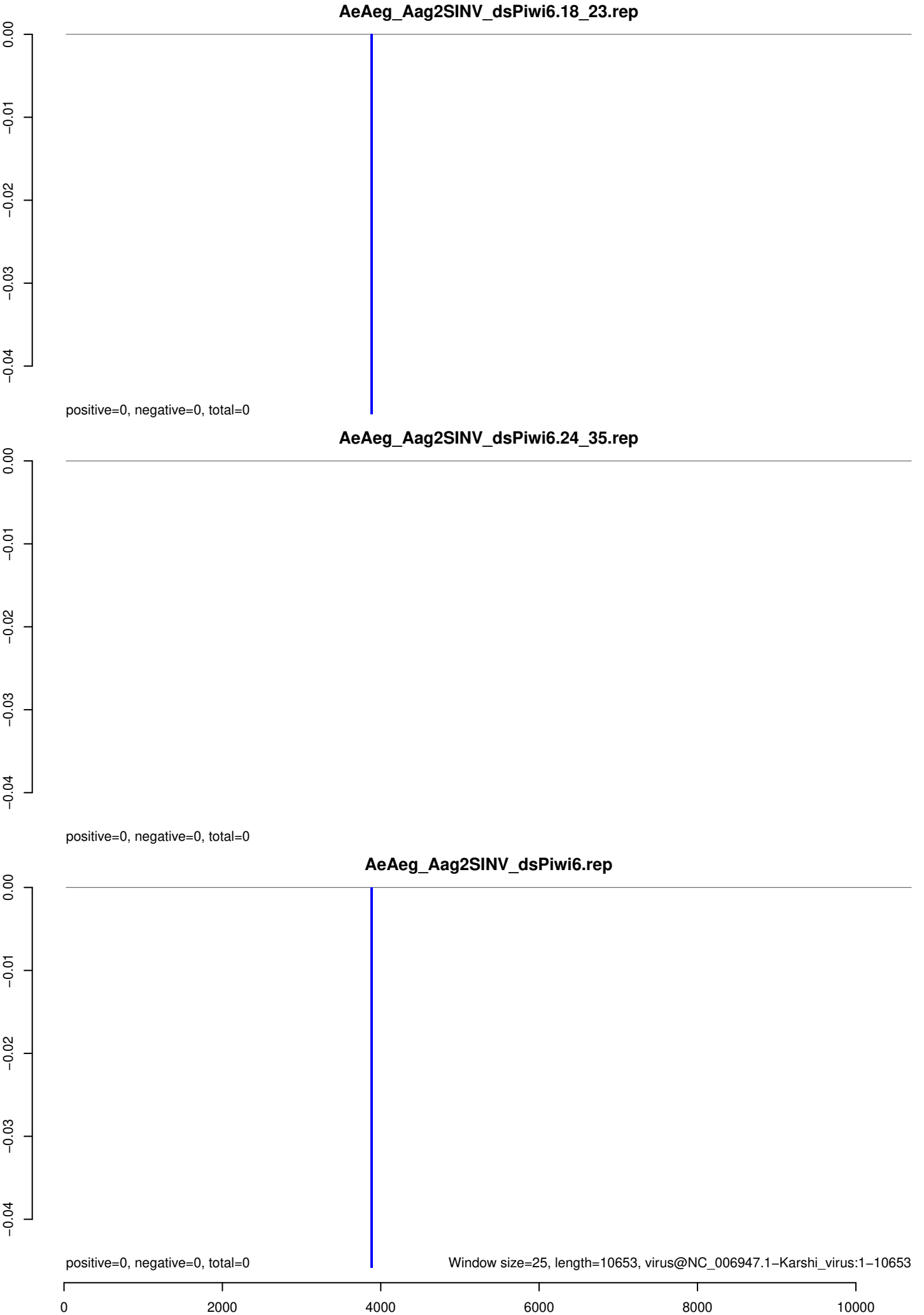
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
Window size=25, length=10837, virus@NC_008604.2−Culex_flavivirus:1−10837
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=11440, virus@NC_007020.1–Tupaia_virus:1–11440
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
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−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=10653, virus@NC_006947.1−Karshi_virus:1−10653
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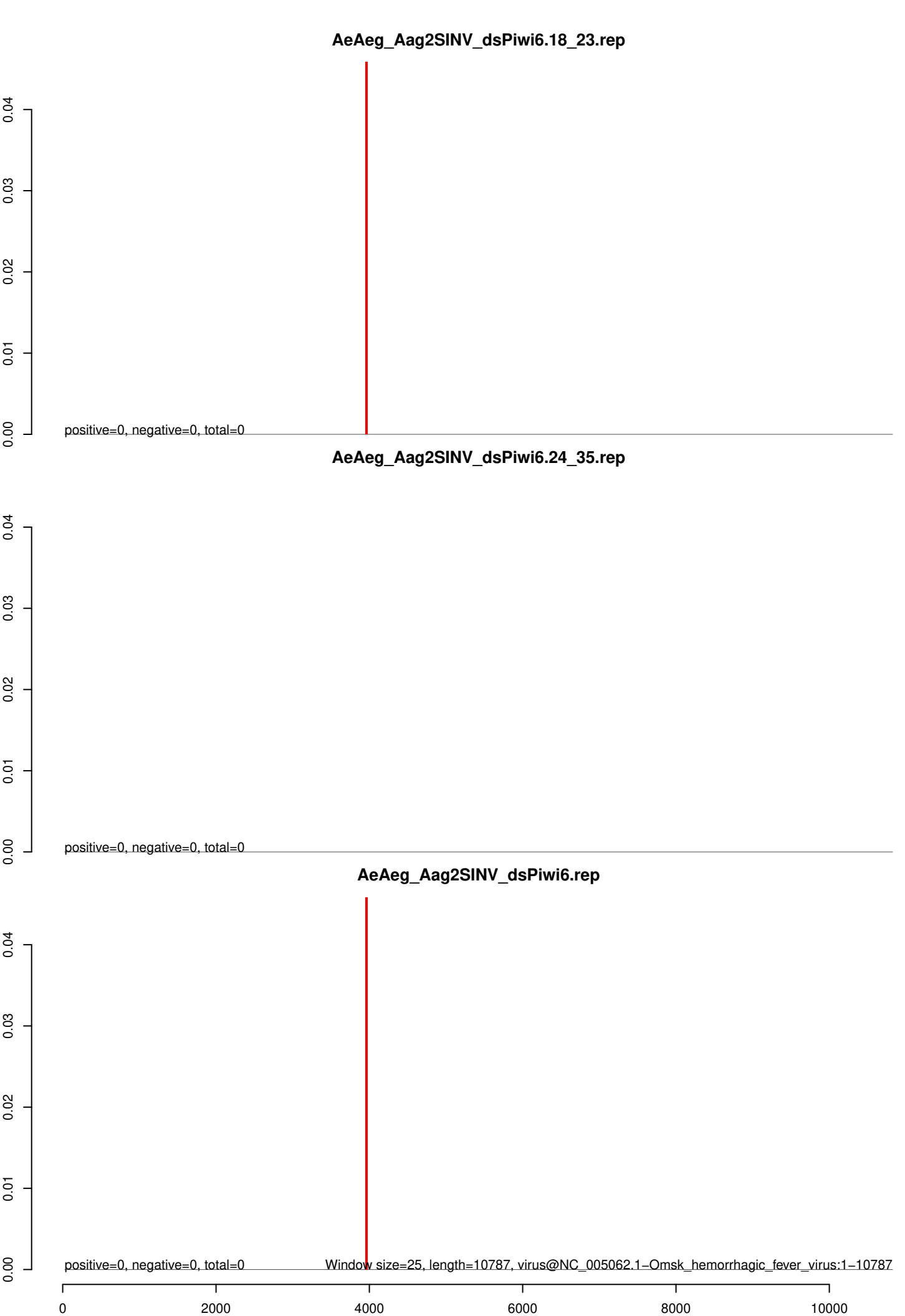
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=10787, virus@NC_005062.1–Omsk_hemorrhagic_fever_virus:1–10787
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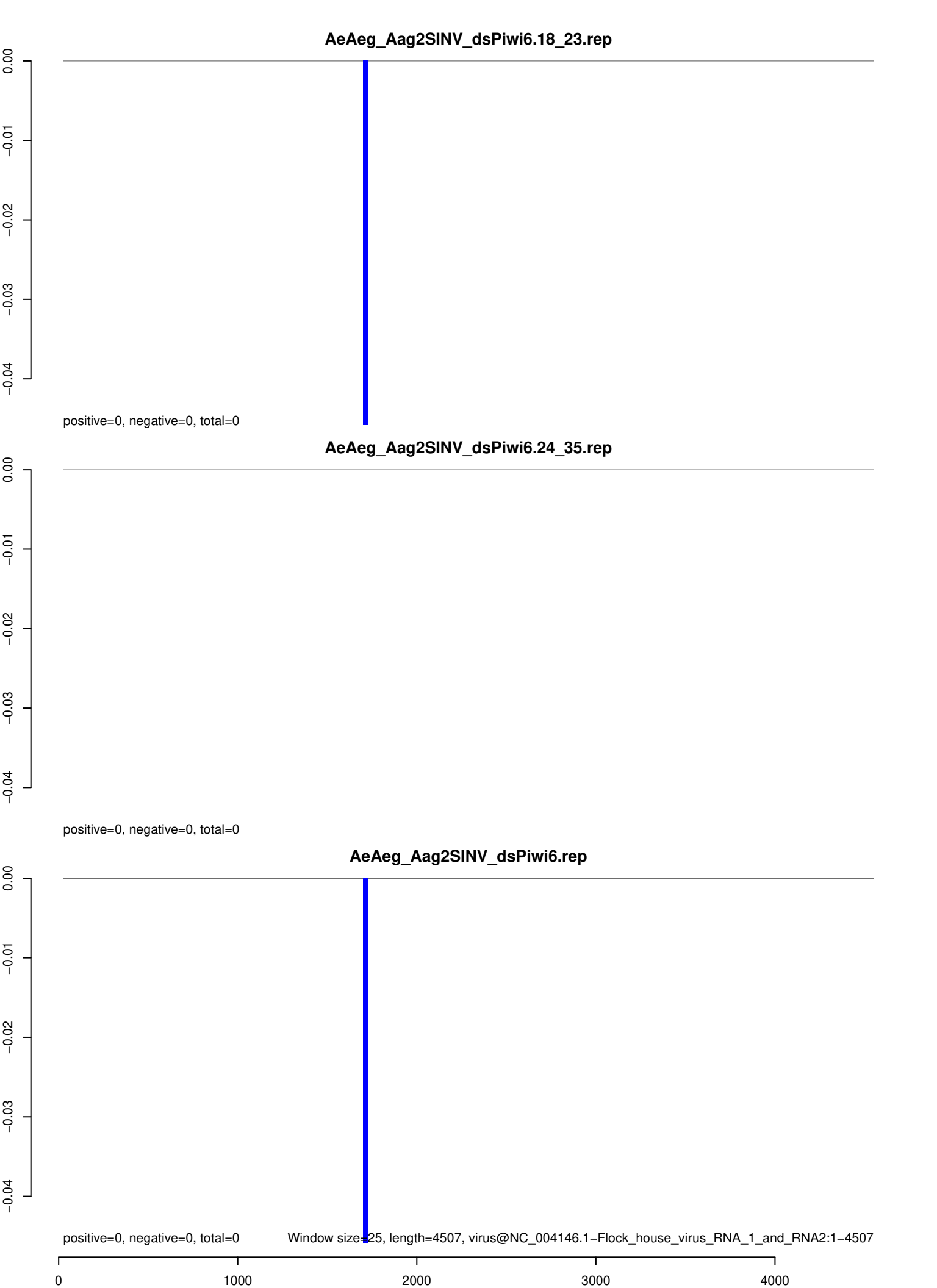
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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−0.01
−0.02
−0.03
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positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=4507, virus@NC_004146.1−Flock_house_virus_RNA_1_and_RNA2:1−4507
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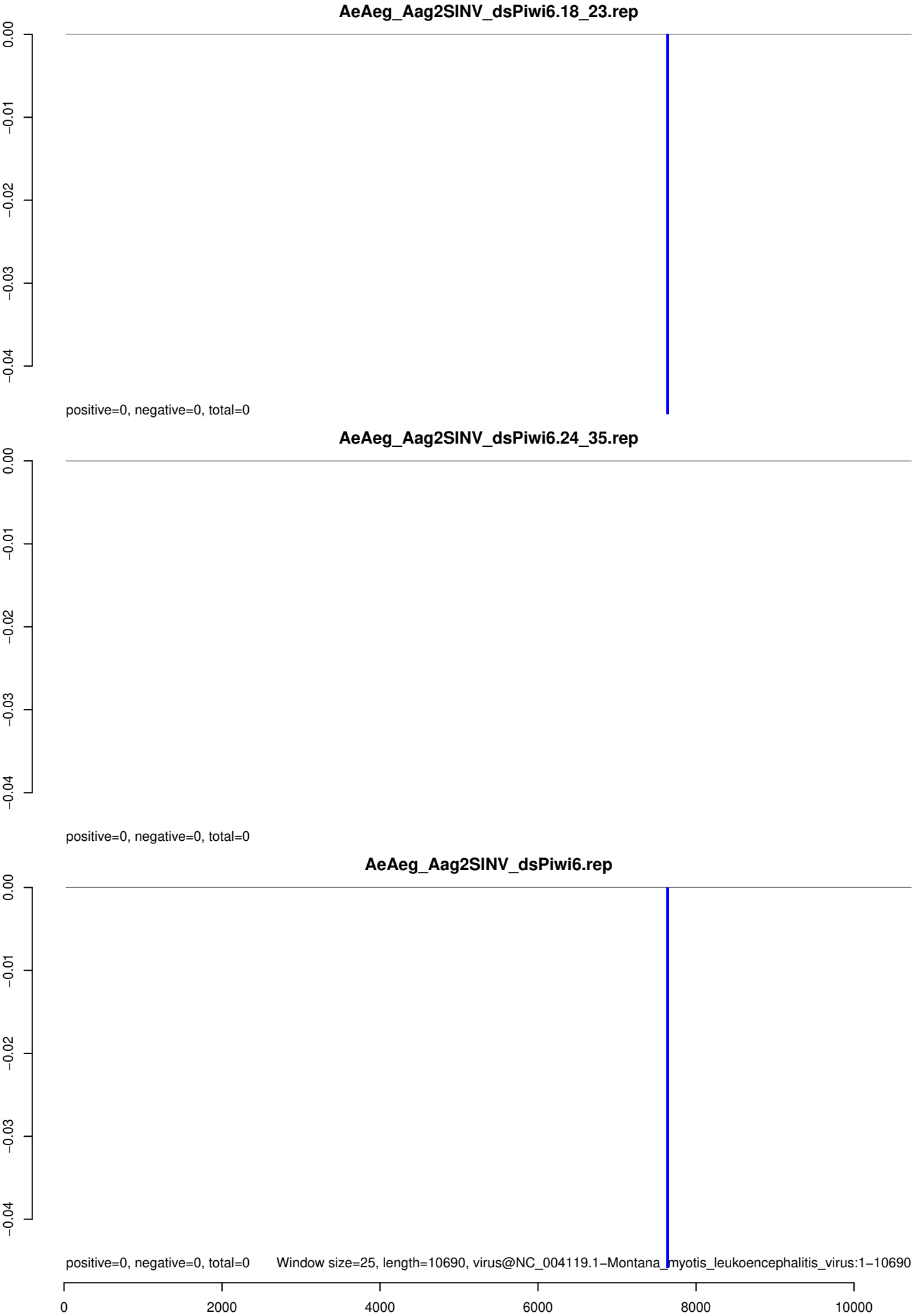
1000
2000
3000
4000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
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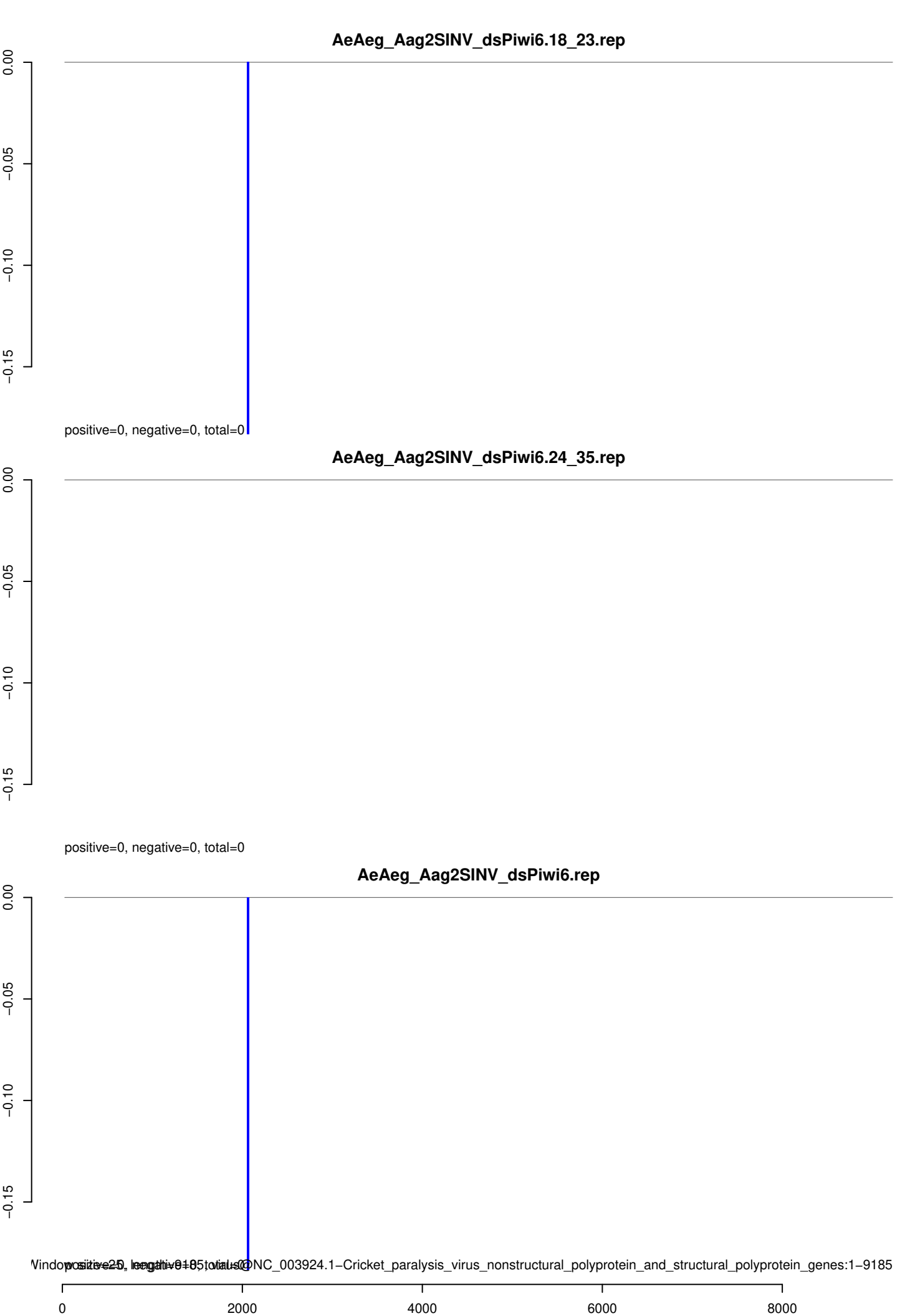
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
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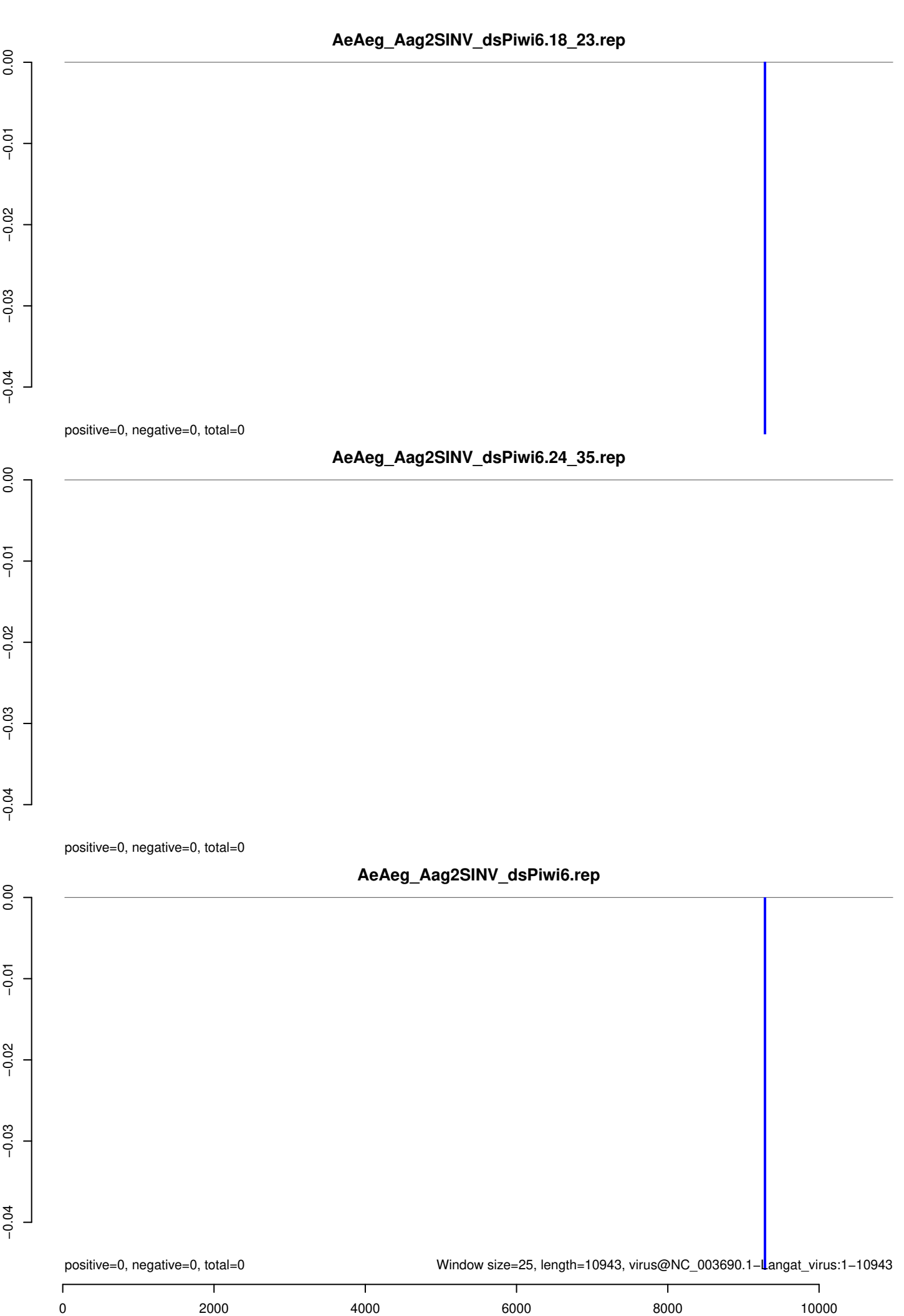
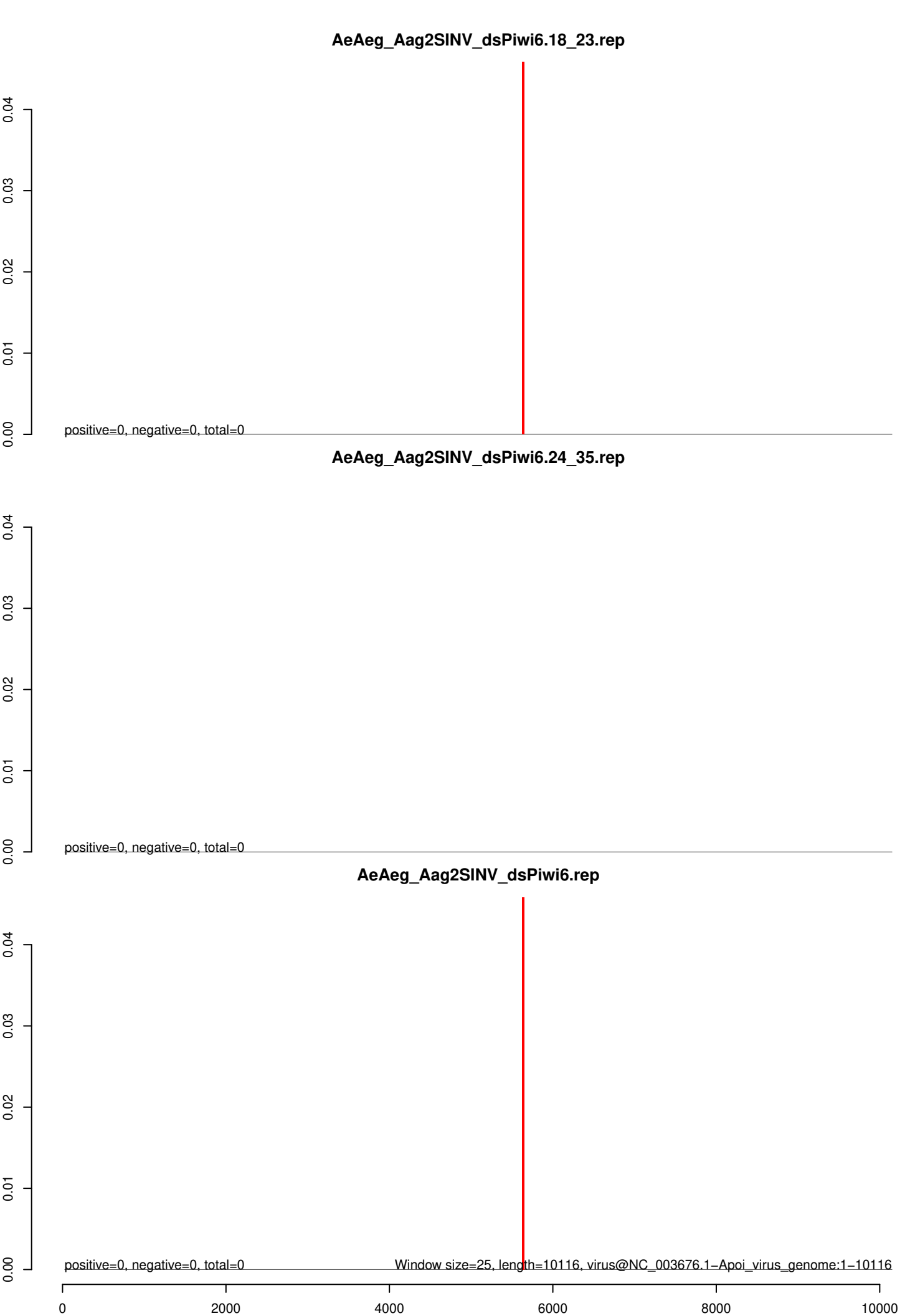
−0.05
−0.10
−0.15
positive=0, negative=0, total=0
0
2000
4000
6000
8000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=10943, virus@NC_003690.1−Langat_virus:1−10943
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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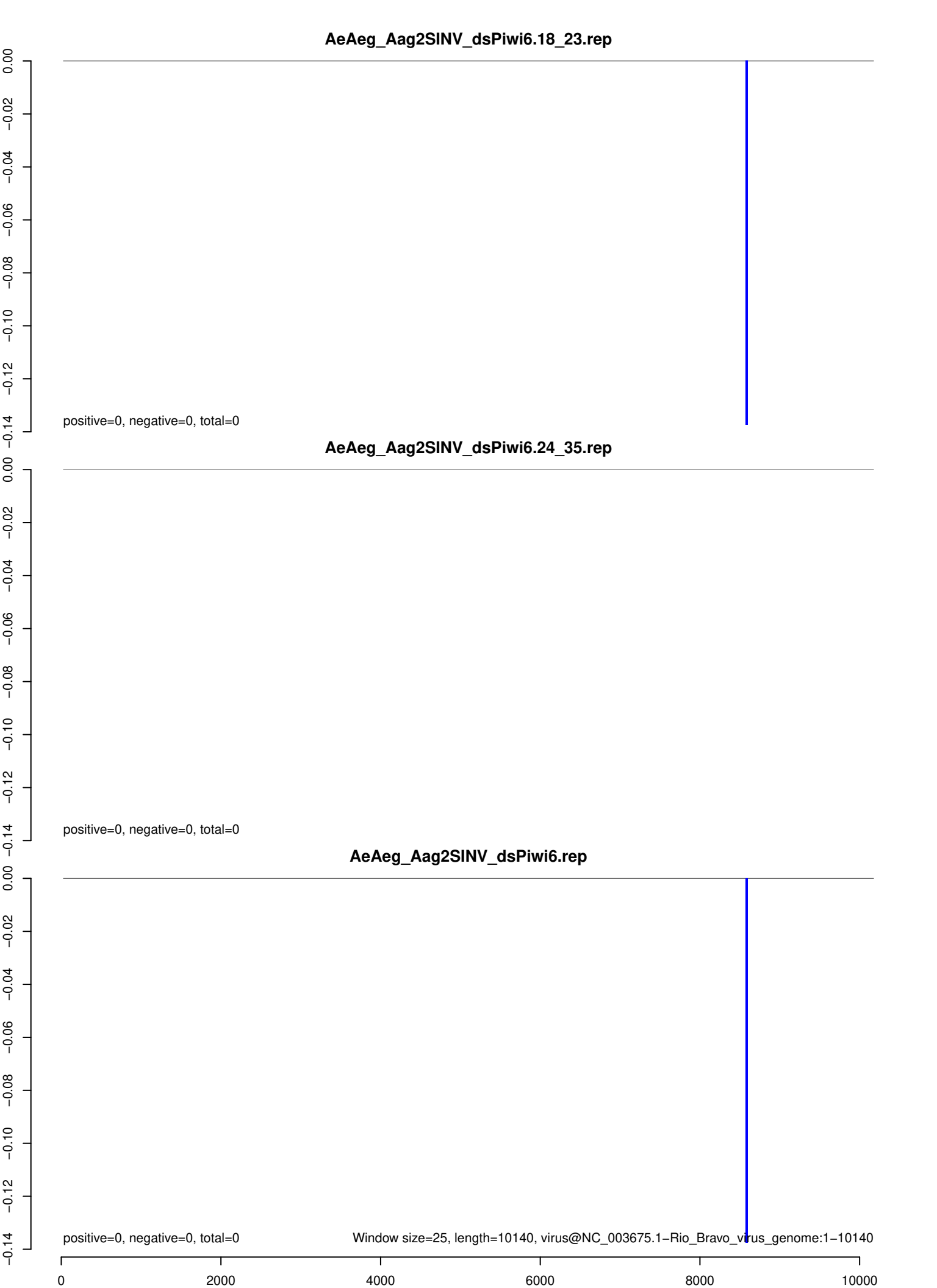
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=10116, virus@NC_003676.1–Apoi_virus_genome:1–10116
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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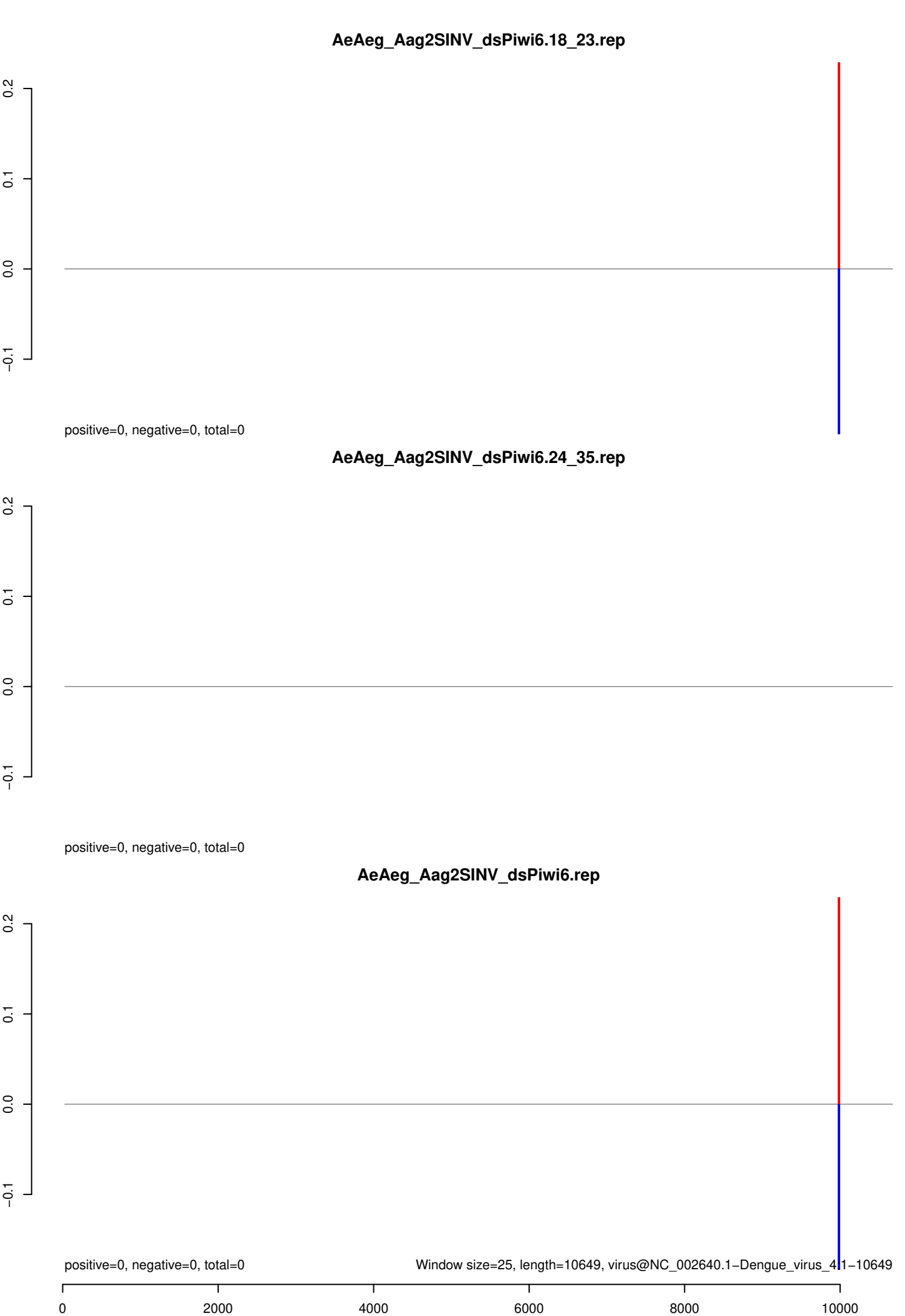
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
positive=0, negative=0, total=0
Window size=25, length=10140, virus@NC_003675.1−Rio_Bravo_virus_genome:1−10140
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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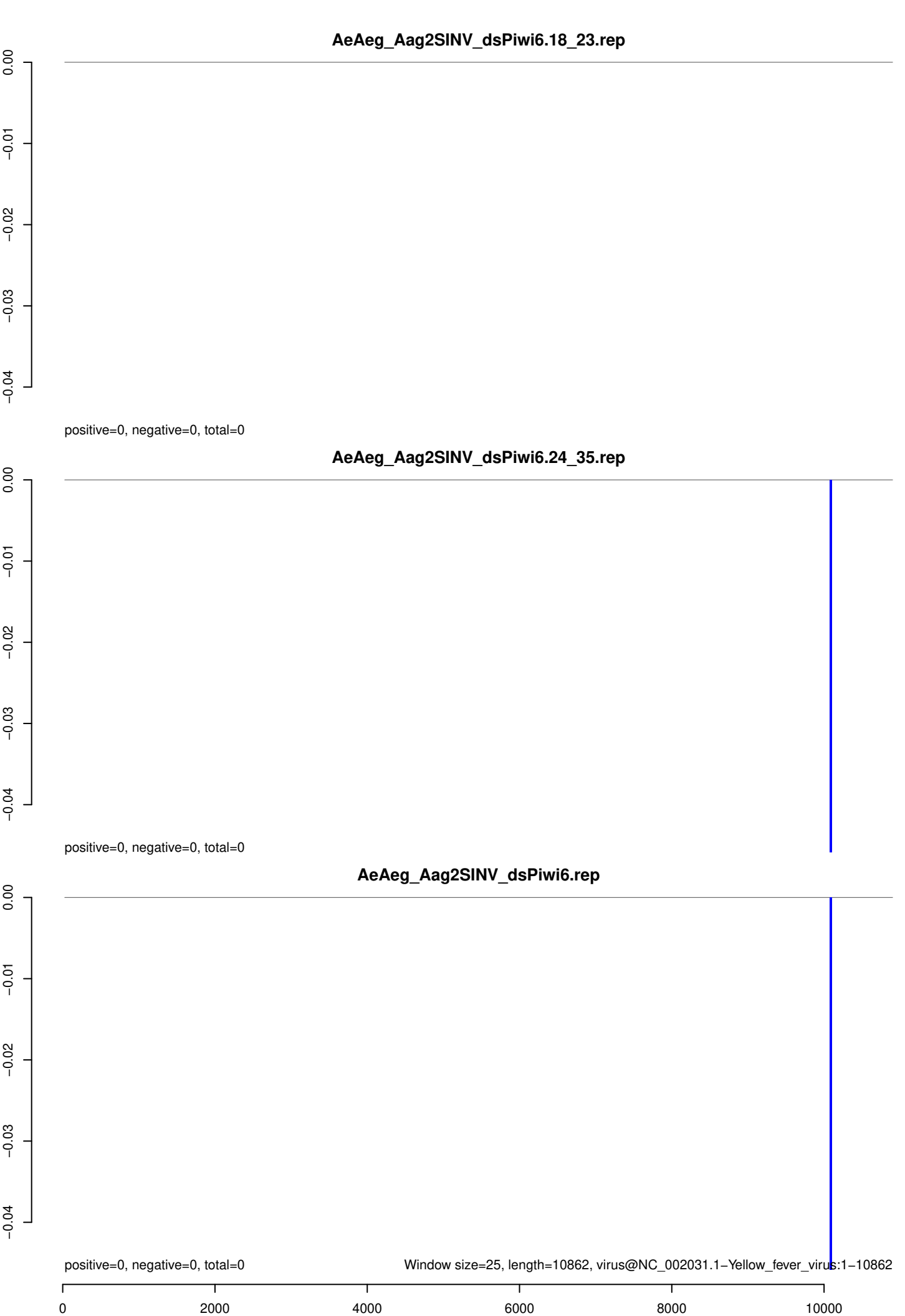
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
Window size=25, length=10649, virus@NC_002640.1−Dengue_virus_4 1−10649
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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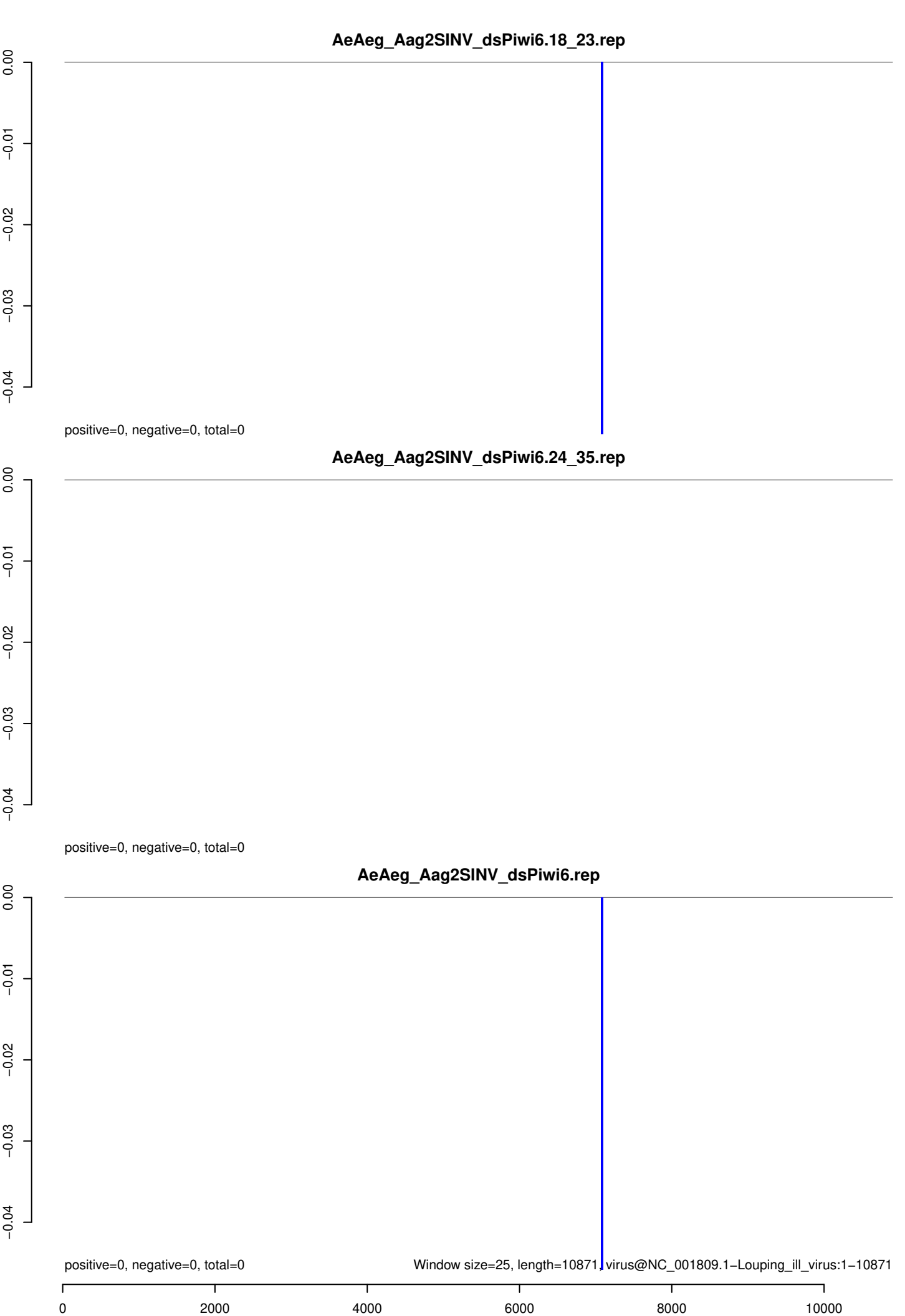
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=10862, virus@NC_002031.1−Yellow_fever_virus:1−10862
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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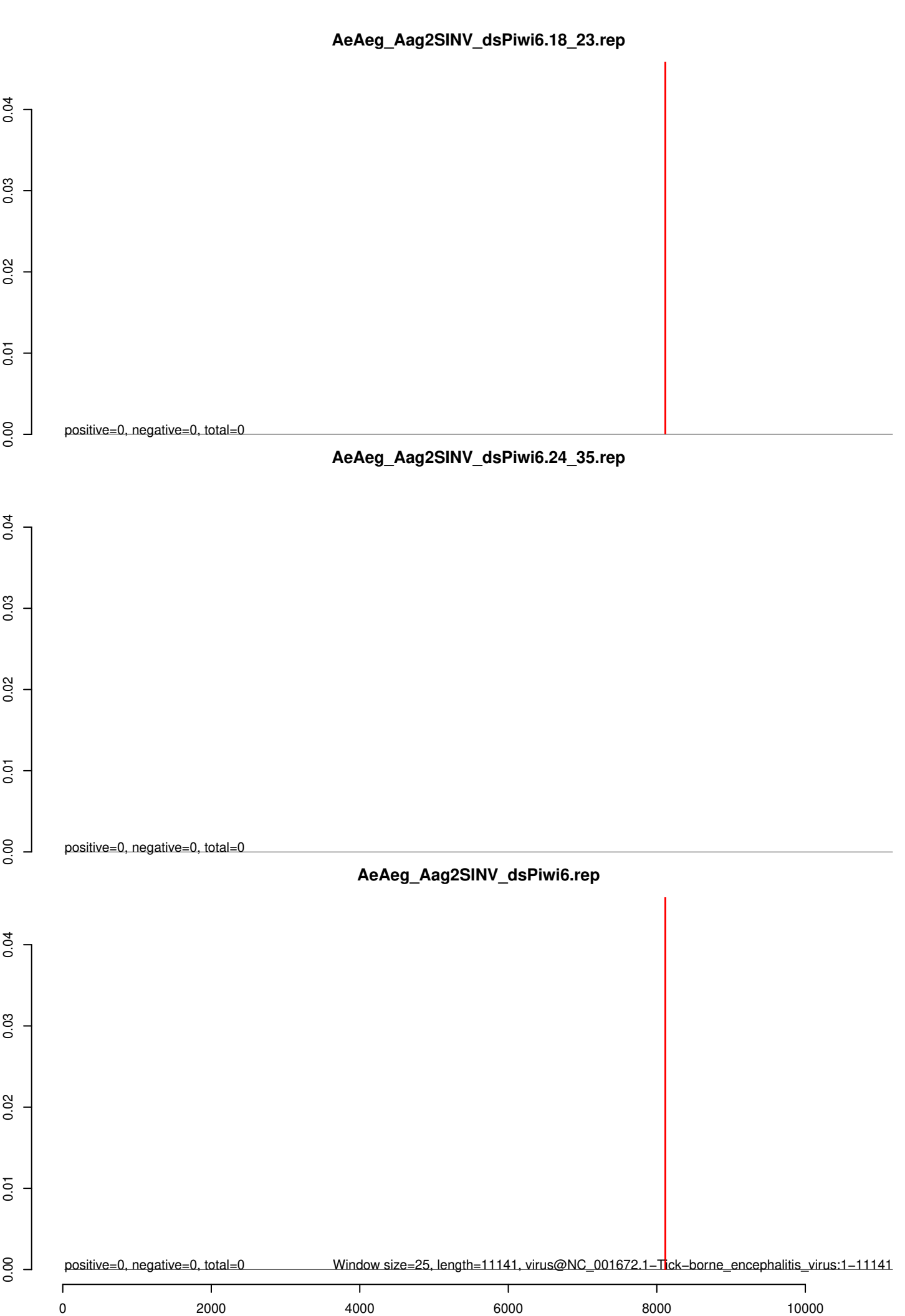
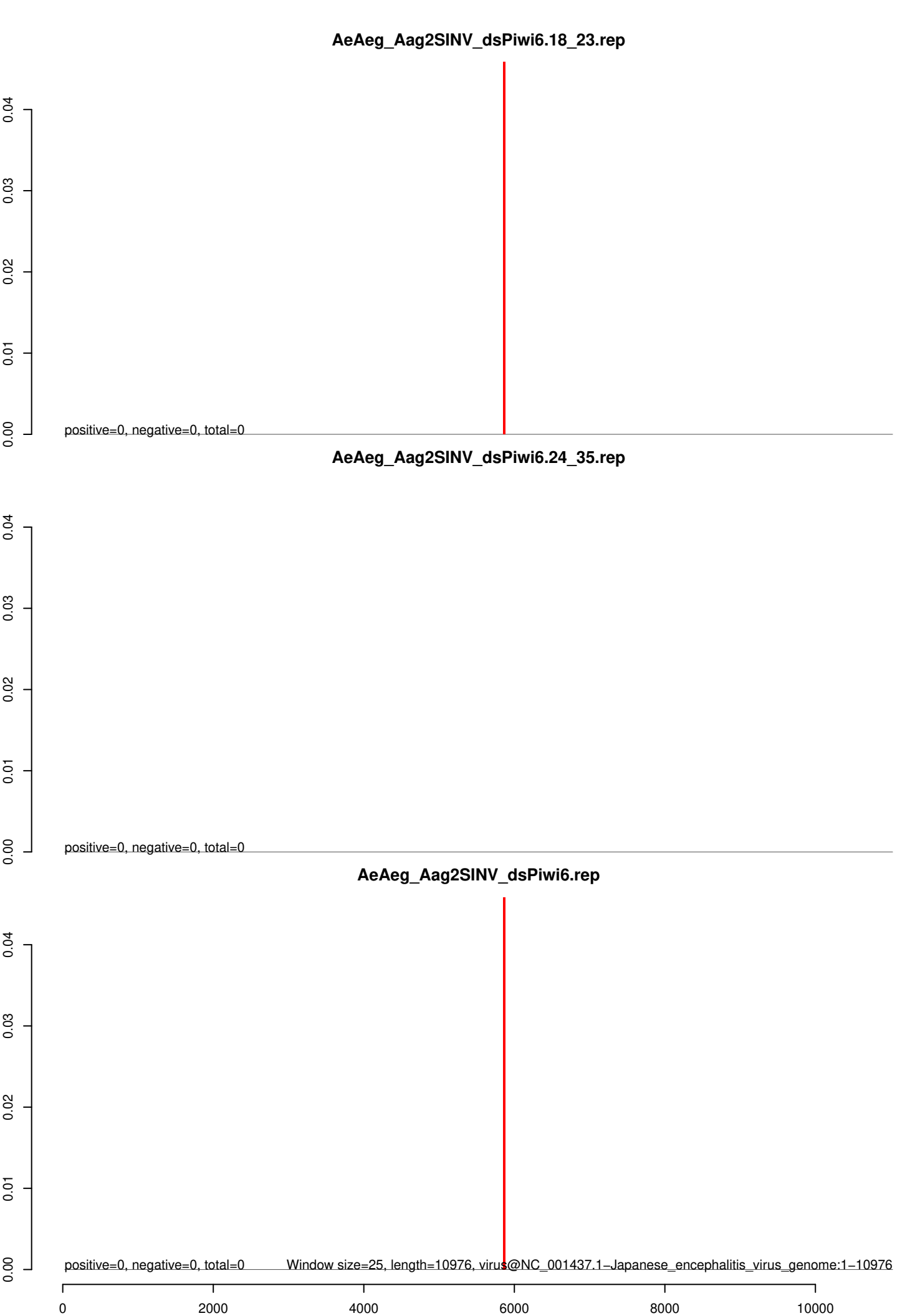
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=10871, virus@NC_001809.1−Louping_ill_virus:1−10871
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=11141, virus@NC_001672.1−Tick−borne_encephalitis_virus:1−11141
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=10976, virus@NC_001437.1–Japanese_encephalitis_virus_genome:1–10976
0
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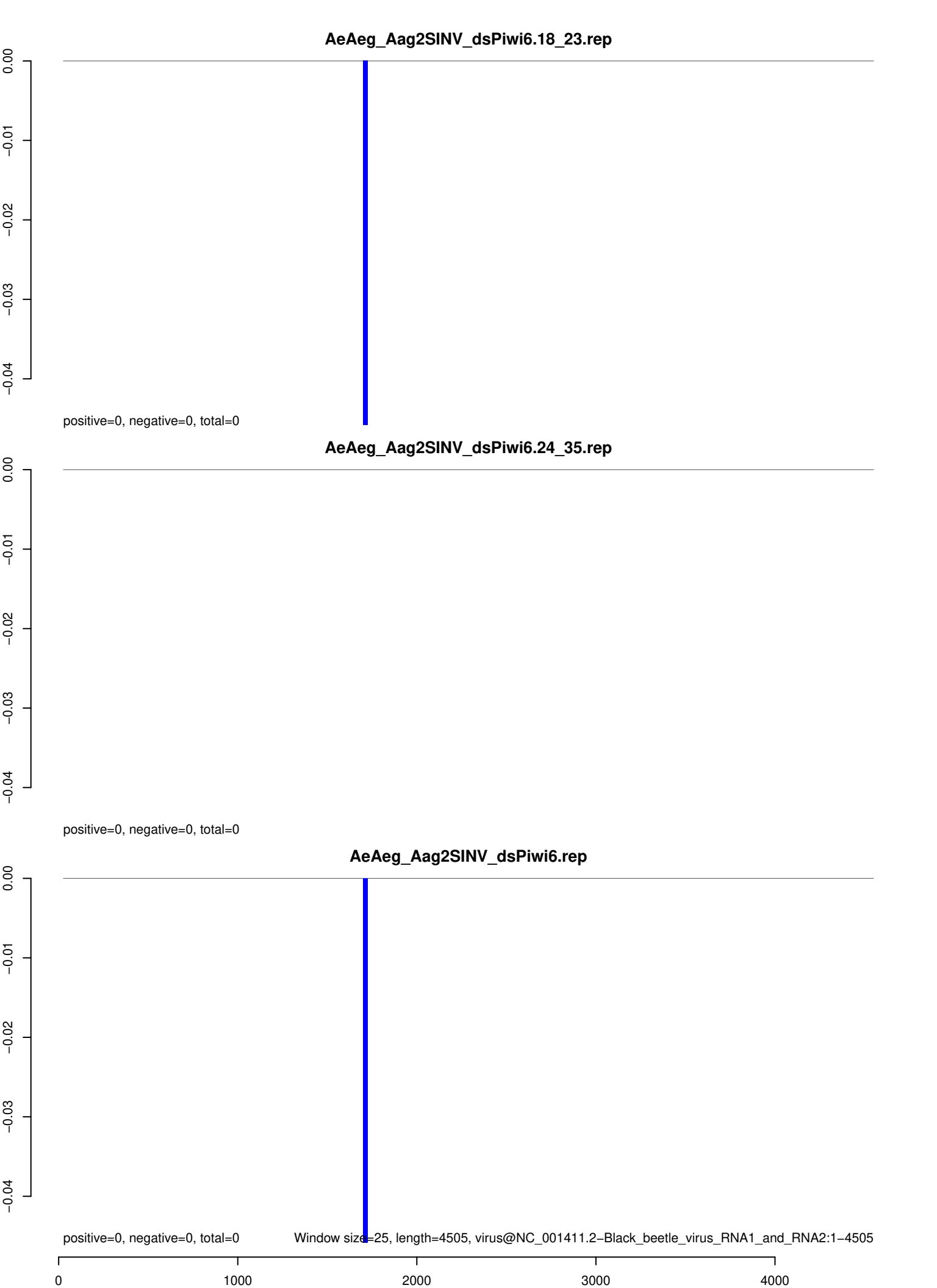
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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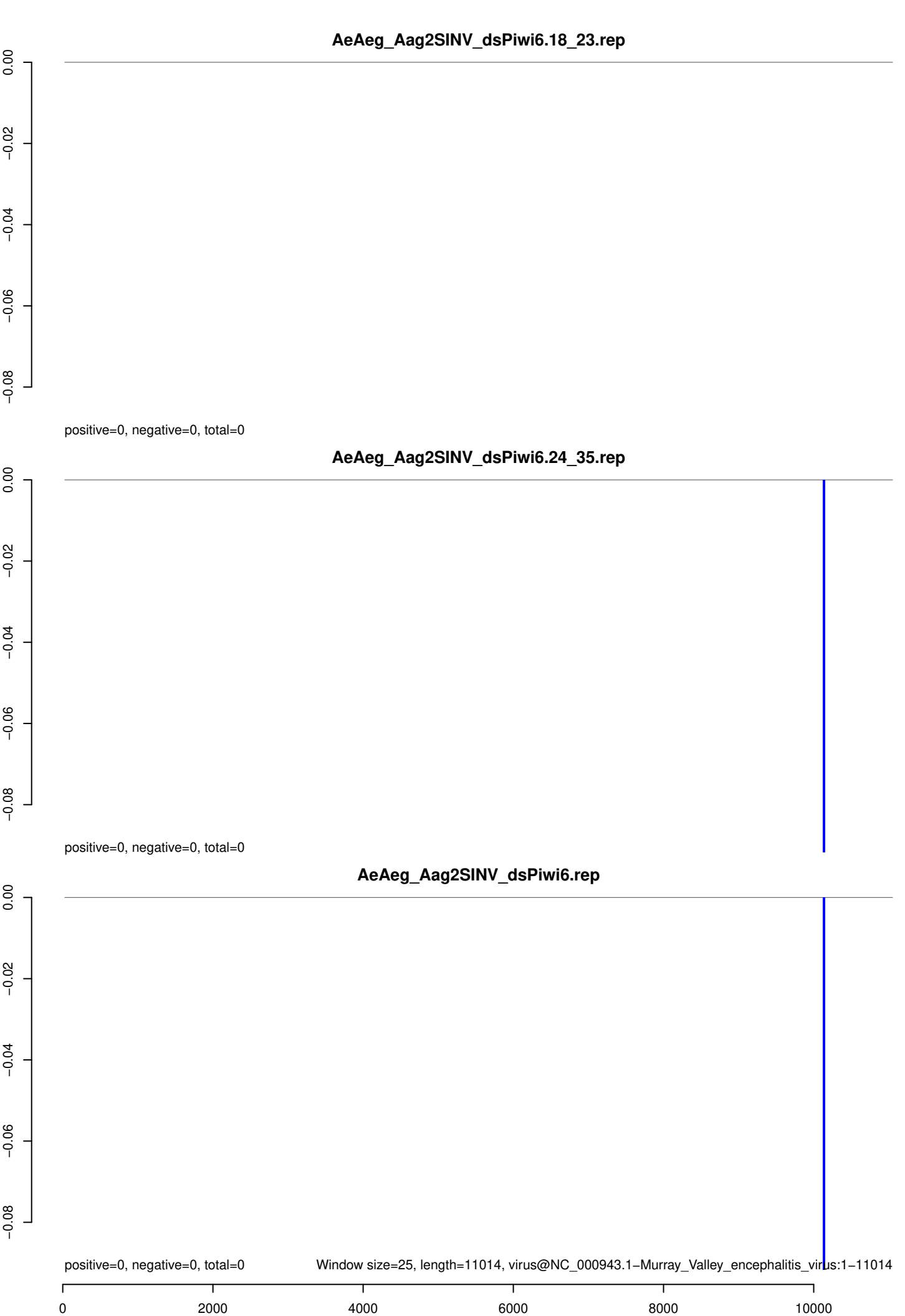
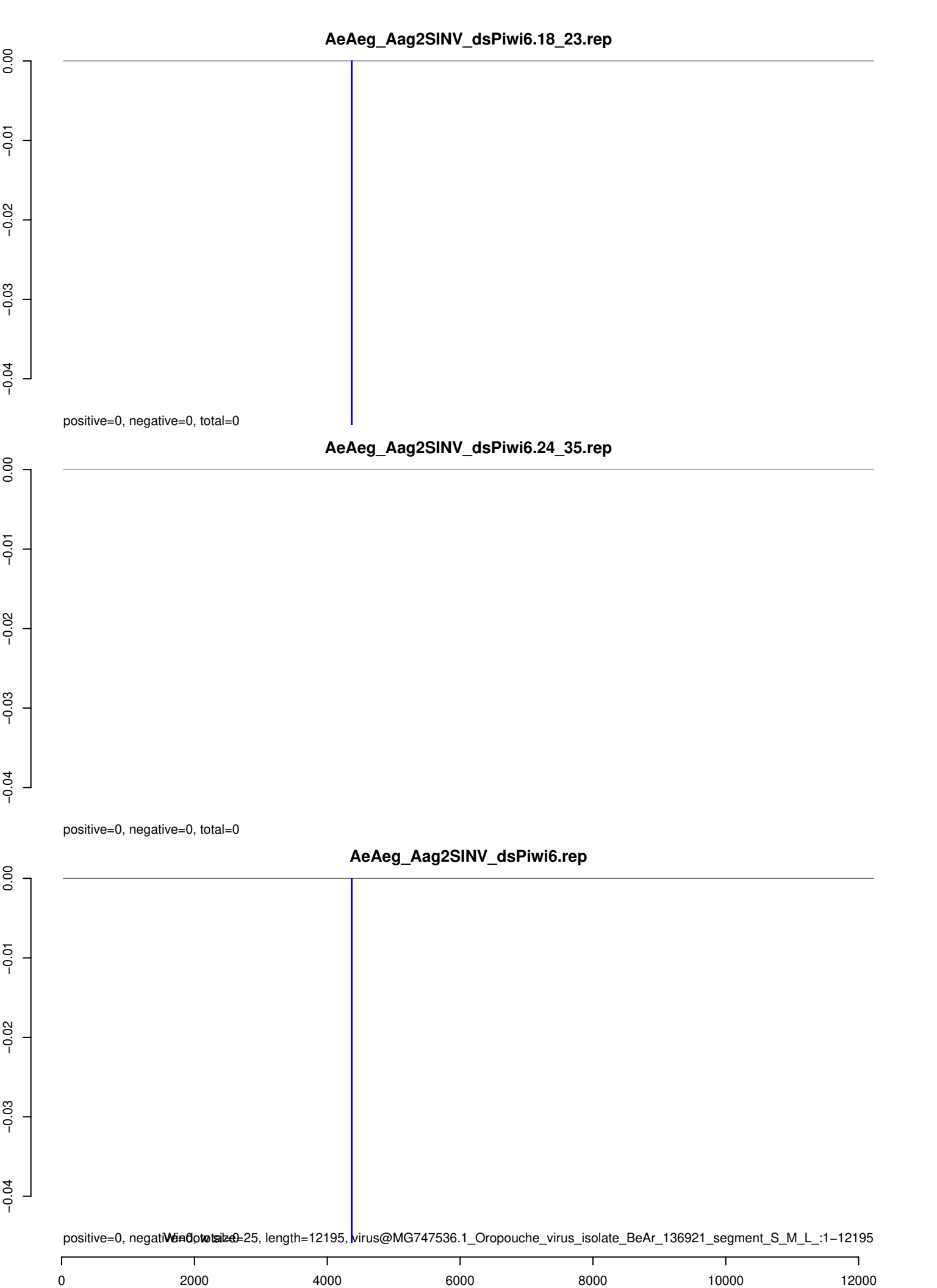
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=4505, virus@NC_001411.2−Black_beetle_virus_RNA1_and_RNA2:1−4505
0
1000
2000
3000
4000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
Window size=25, length=11014, virus@NC_000943.1−Murray_Valley_encephalitis_virus:1−11014
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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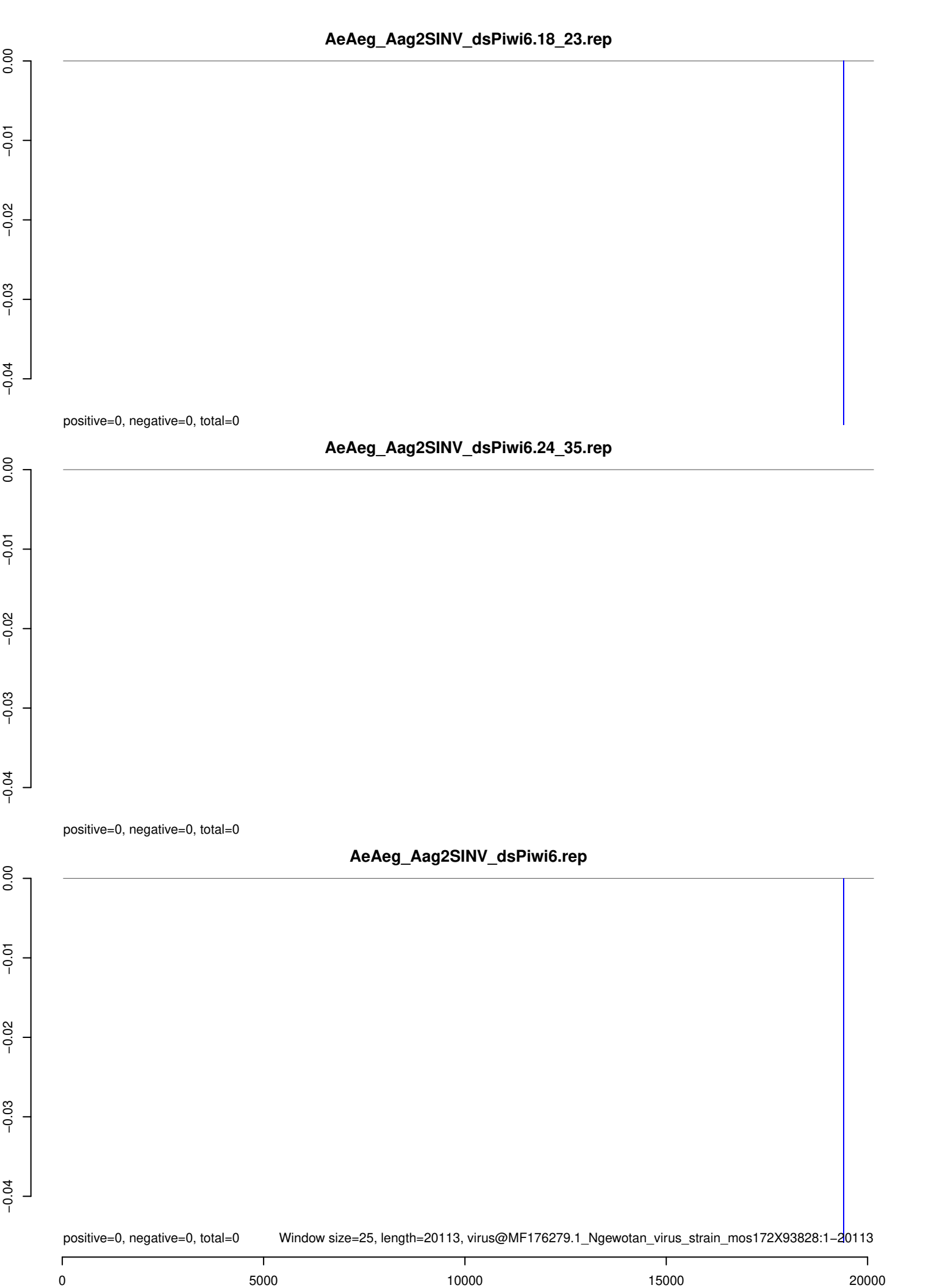
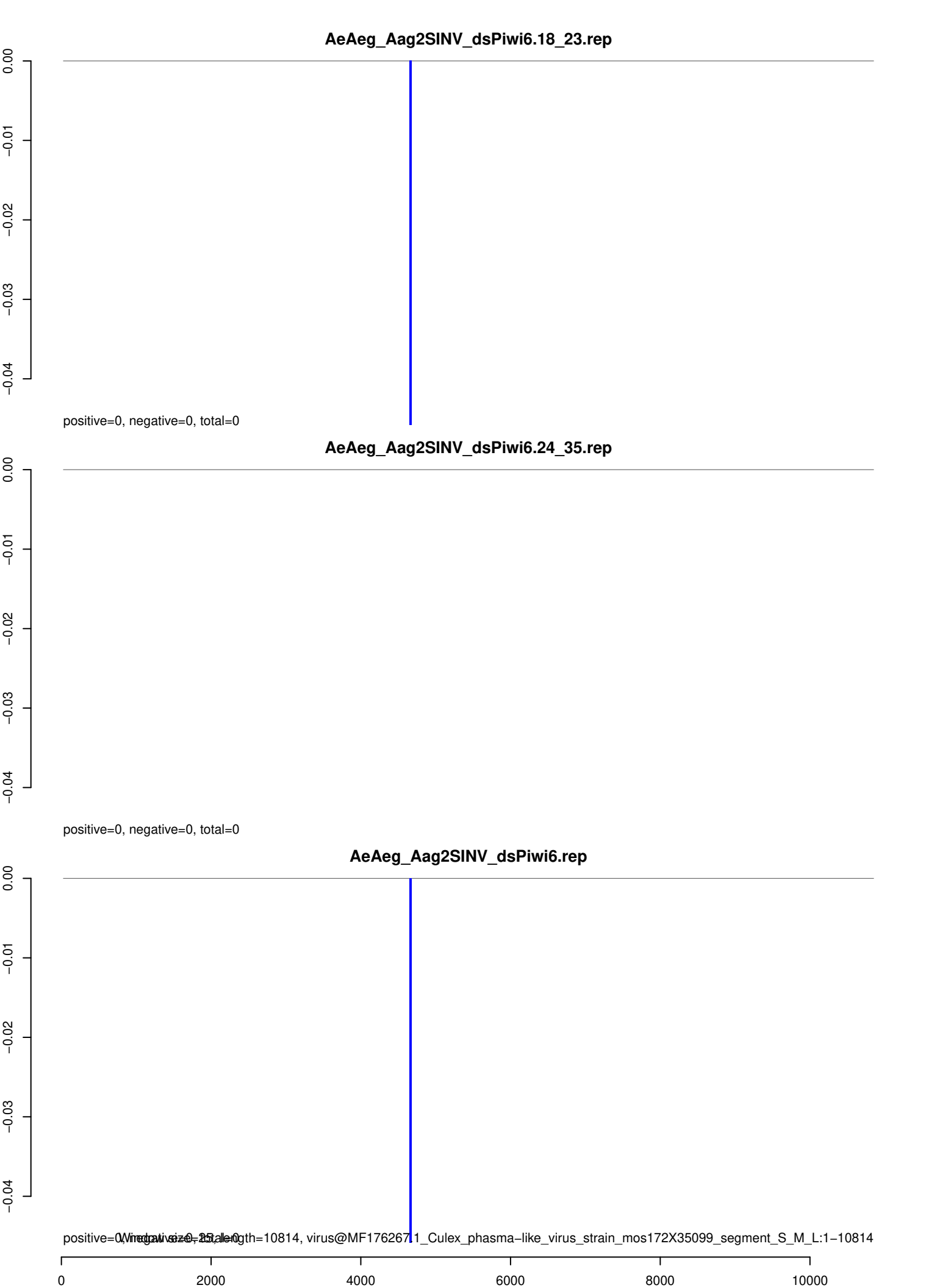
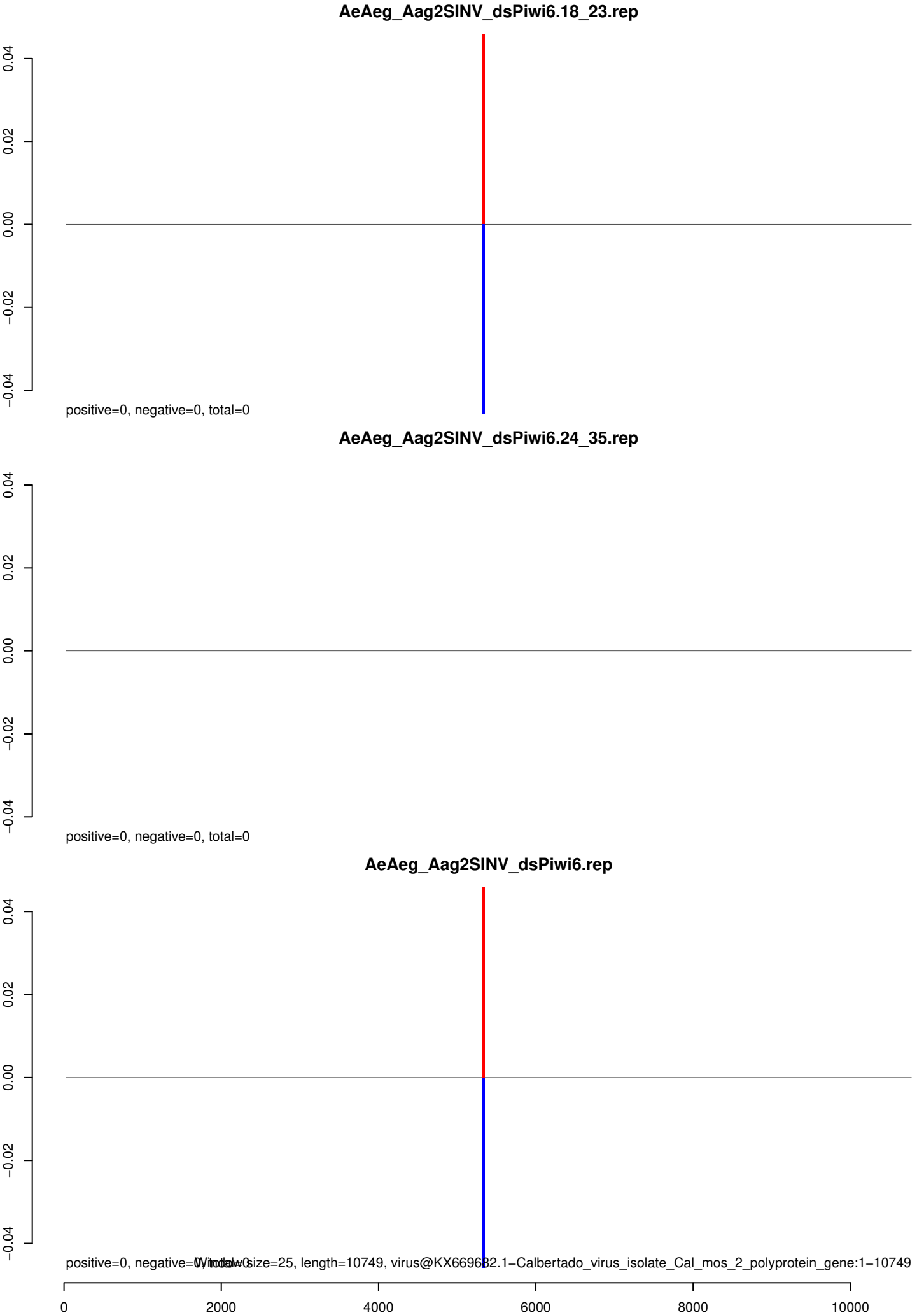
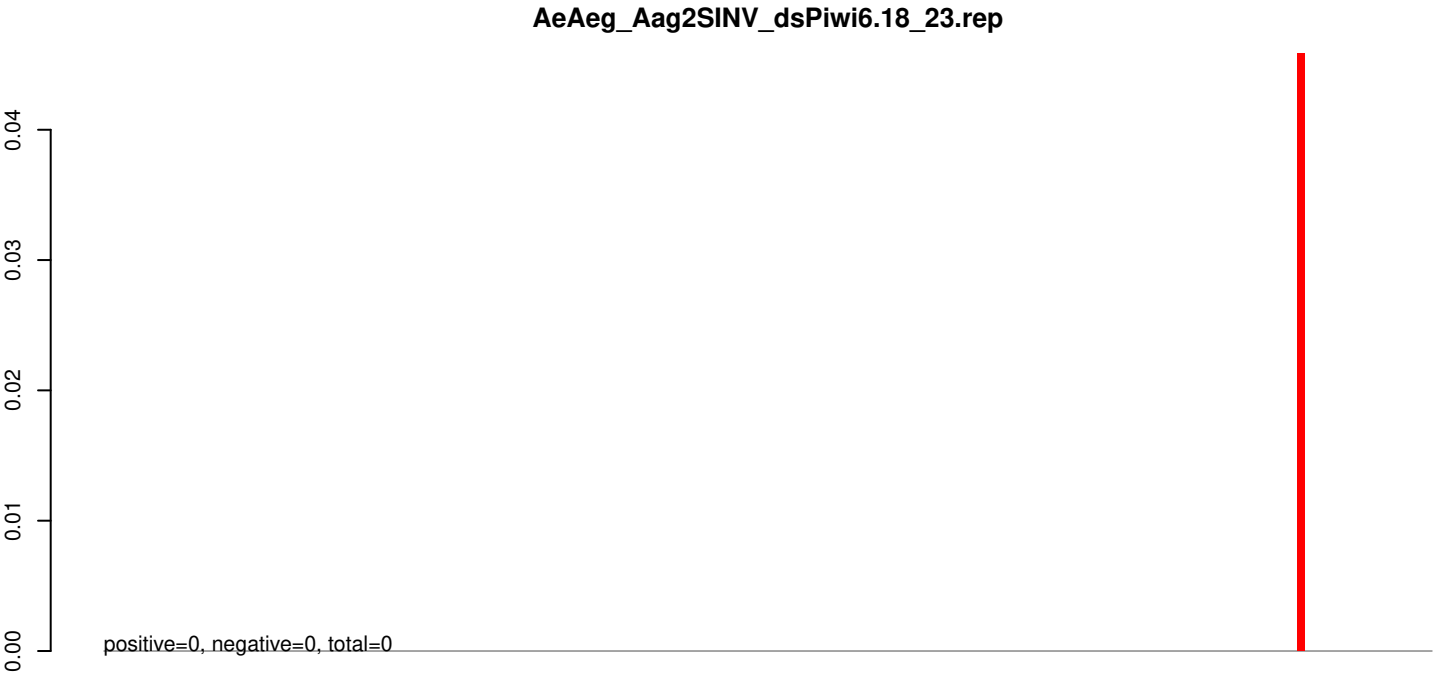
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=12195, virus@MG747536.1_Oropouche_virus_isolate_BeAr_136921_segment_S_M_L_:1−12195
0
2000
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Window size=25, length=20113, virus@MF176279.1_Ngewotan_virus_strain_mos172X93828:1−20113
0
5000
10000
15000
20000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.01
−0.02
−0.03
−0.04
positive=0, negative=0, total=0
Virus, size=10814, length=10814, virus@MF176267.1_Culex_phasma−like_virus_strain_mos172X35099_segment_S_M_L:1−10814
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.04
0.02
0.00
−0.02
−0.04
positive=0, negative=0, total=0
Window size=25, length=10749, virus@KX669682.1−Calbertado_virus_isolate_Cal_mos_2_polyprotein_gene:1−10749
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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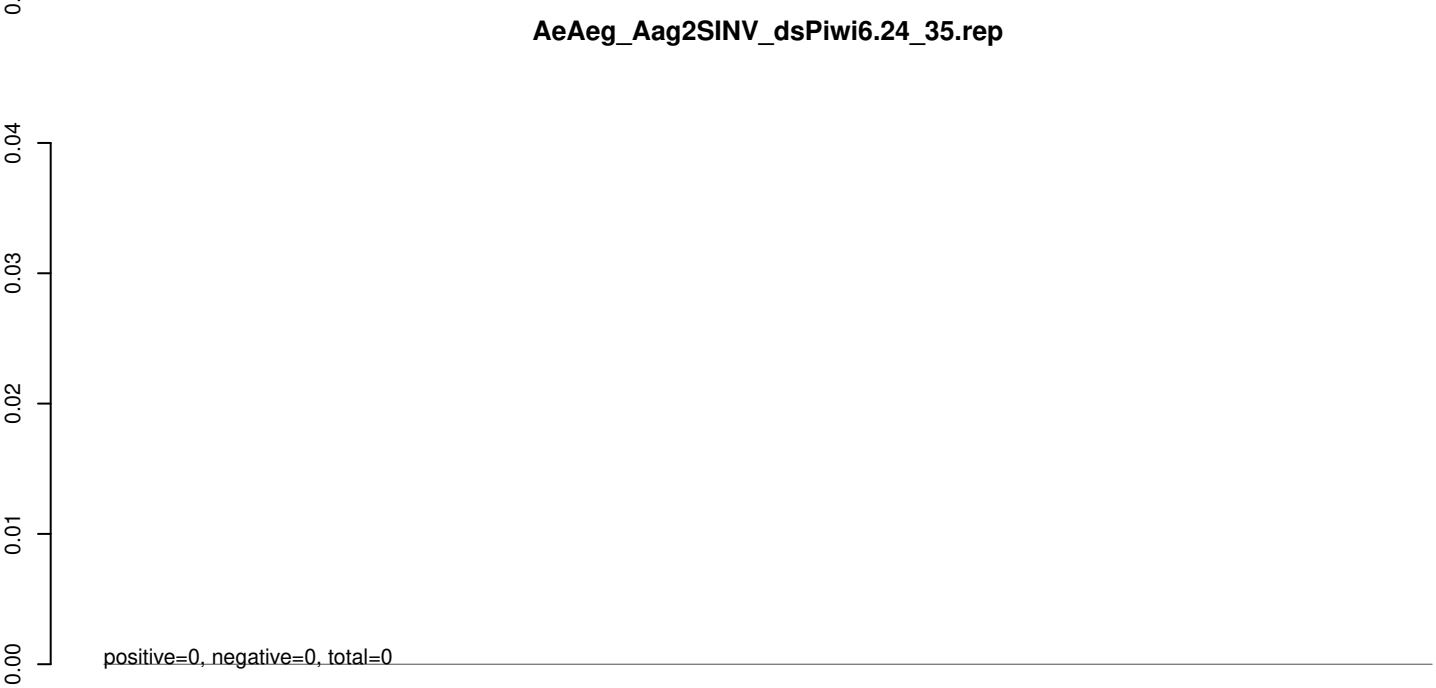
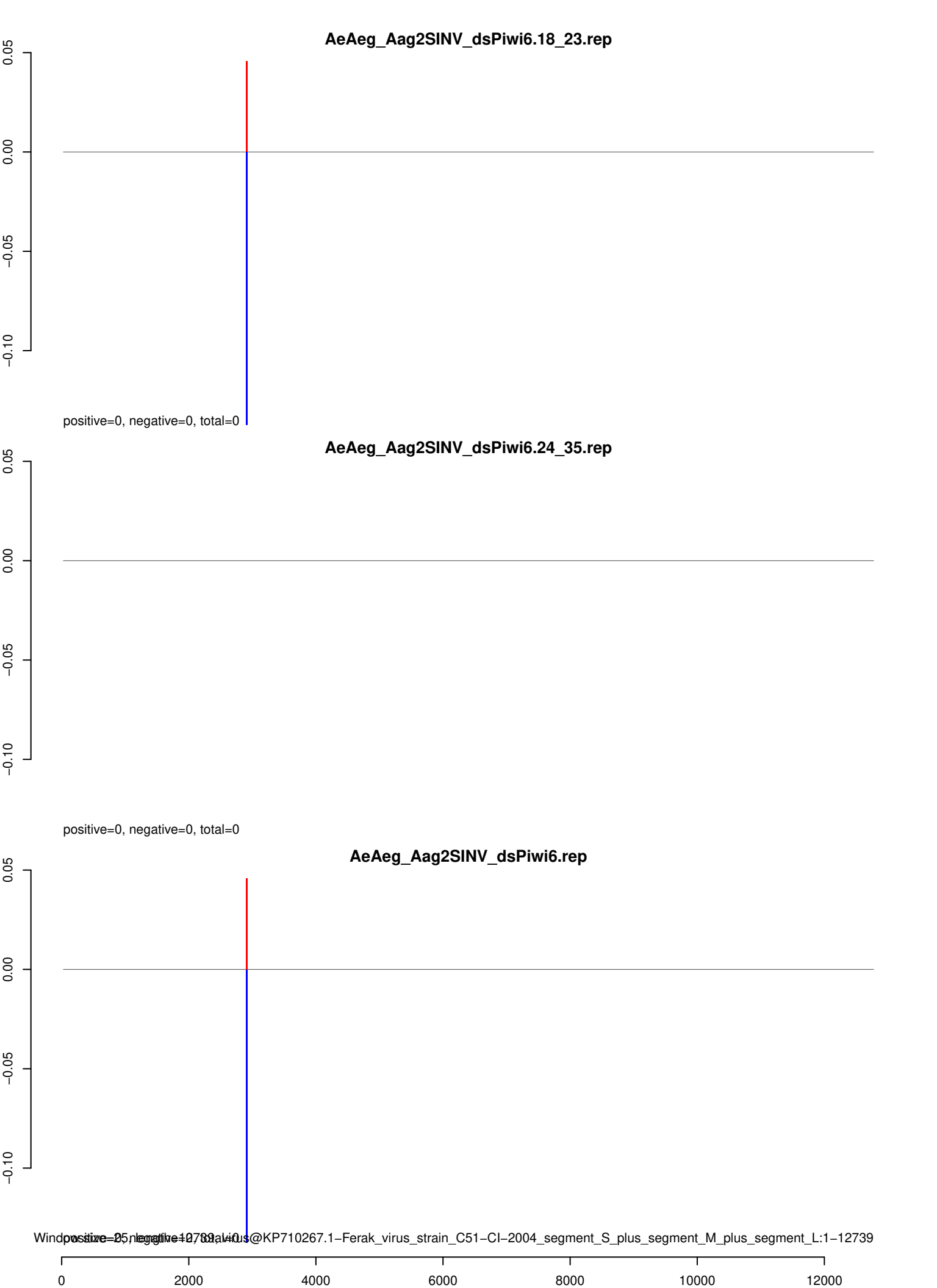
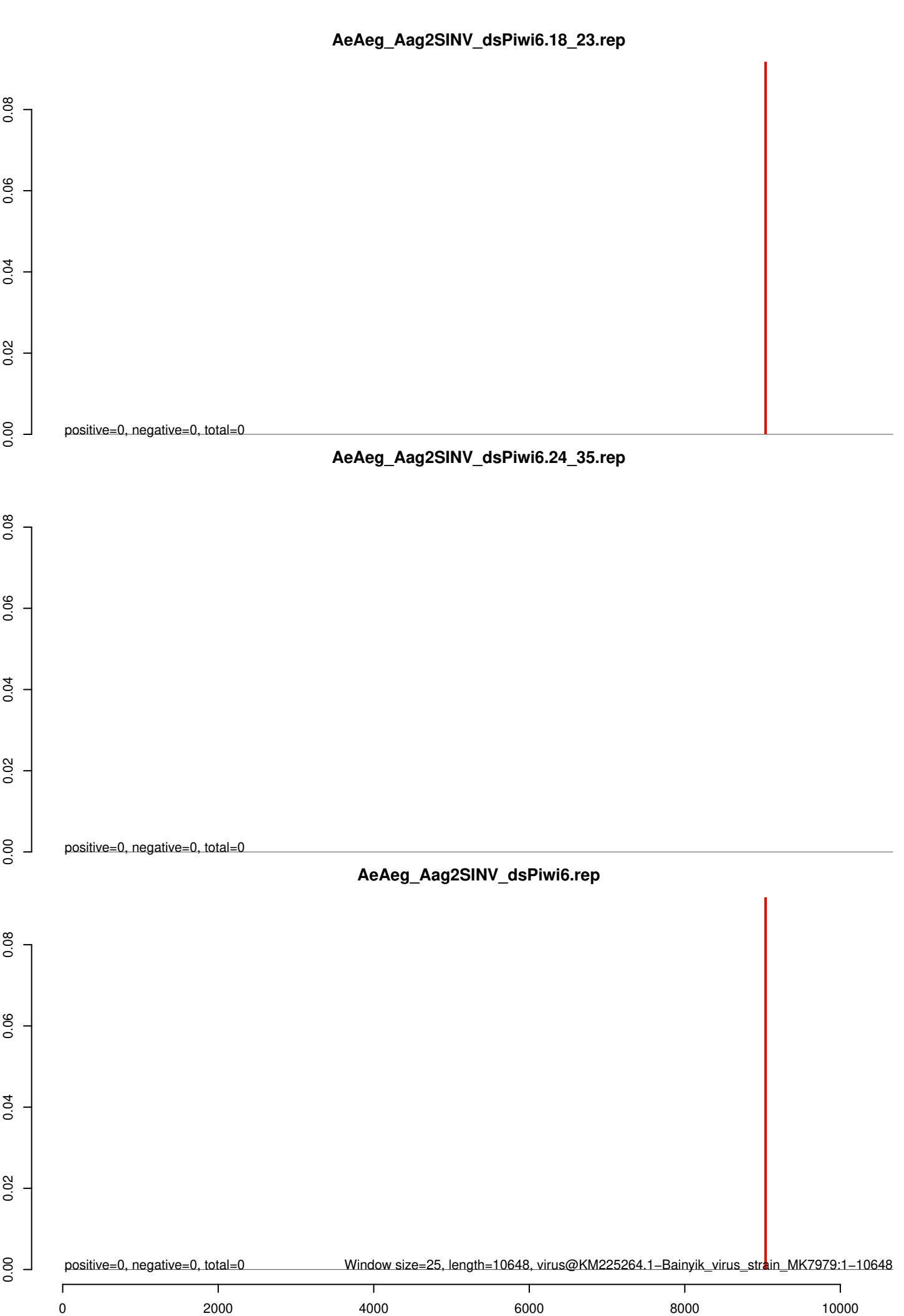
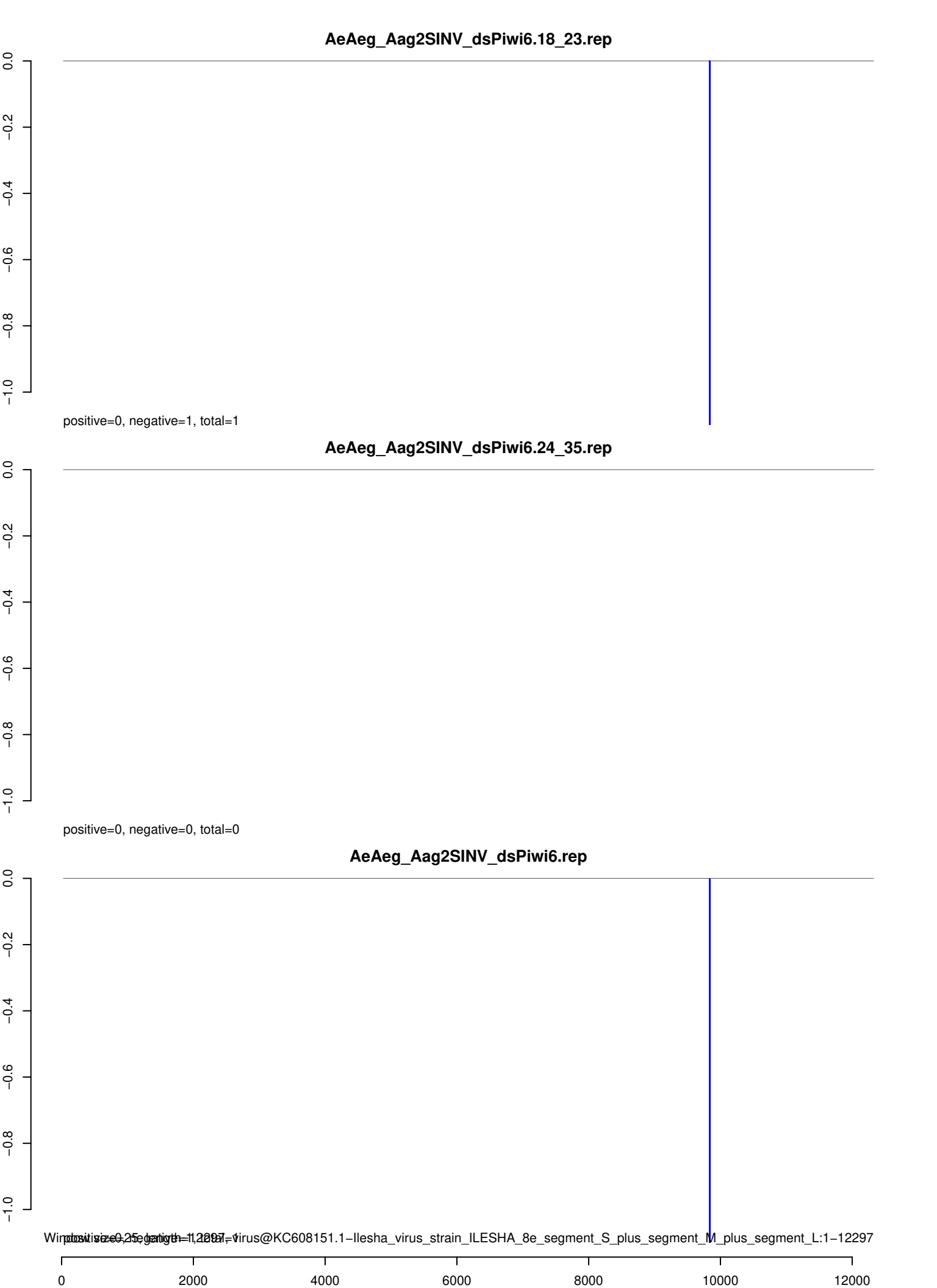
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0

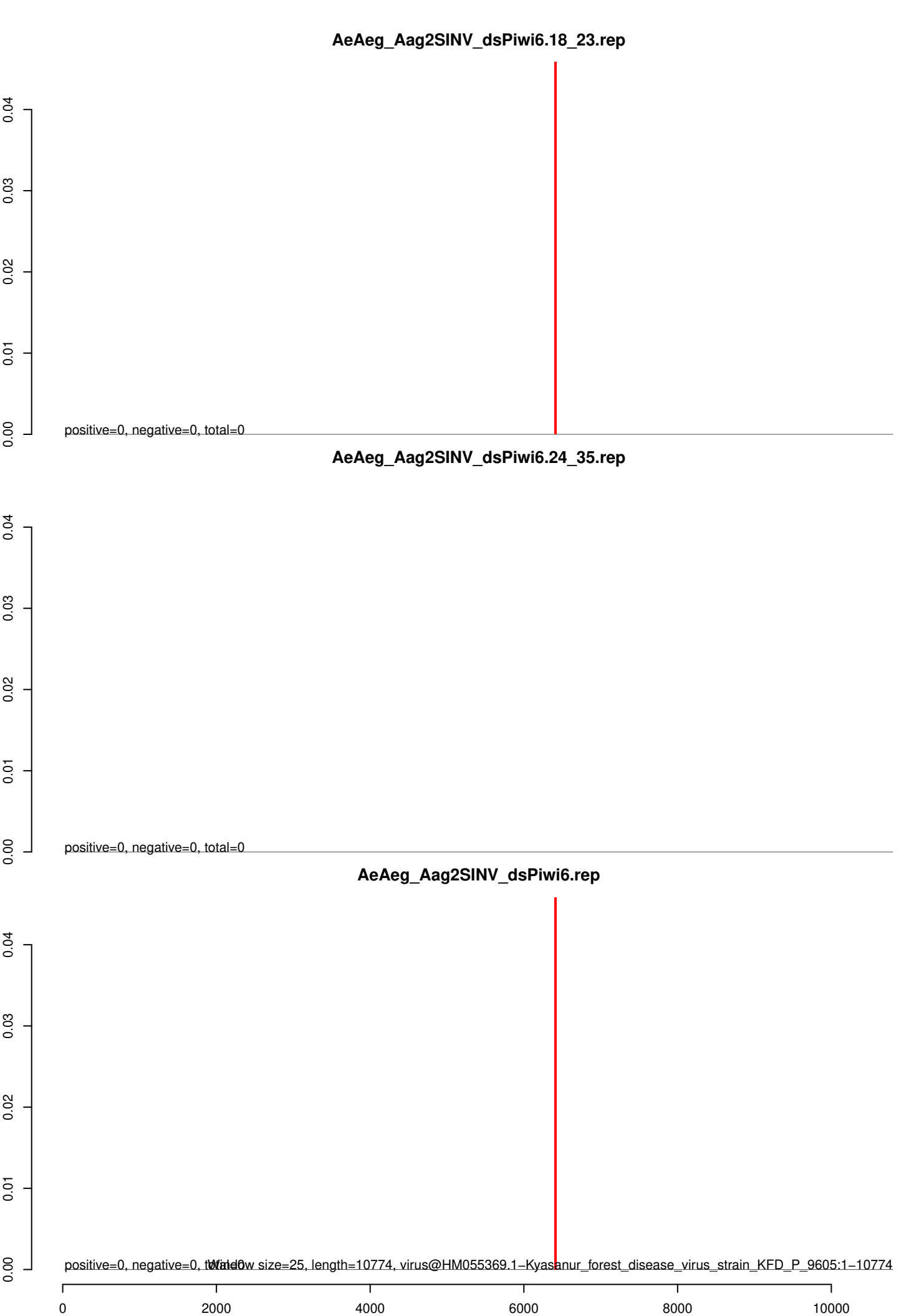

AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0

AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
0
1000
2000
3000
4000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.05
0.00
−0.05
−0.10
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.05
0.00
−0.05
−0.10
Window size=25, negative=0, total=0@KP710267.1−Ferak_virus_strain_C51−CI−2004_segment_S_plus_segment_M_plus_segment_L:1−12739
0
2000
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.02
0.04
0.06
0.08
positive=0, negative=0, total=0
Window size=25, length=10648, virus@KM225264.1–Bainyik_virus_strain_MK7979:1–10648
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=1, total=1
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
positive=0.25, negative=1, total=1
Ilesha_virus@KC608151.1−Ilesha_virus_strain_ILESHA_8e_segment_S_plus_segment_M_plus_segment_L:1−12297
0
2000
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=10774, virus@HM055369.1–Kyasanur_forest_disease_virus_strain_KFD_P_9605:1–10774
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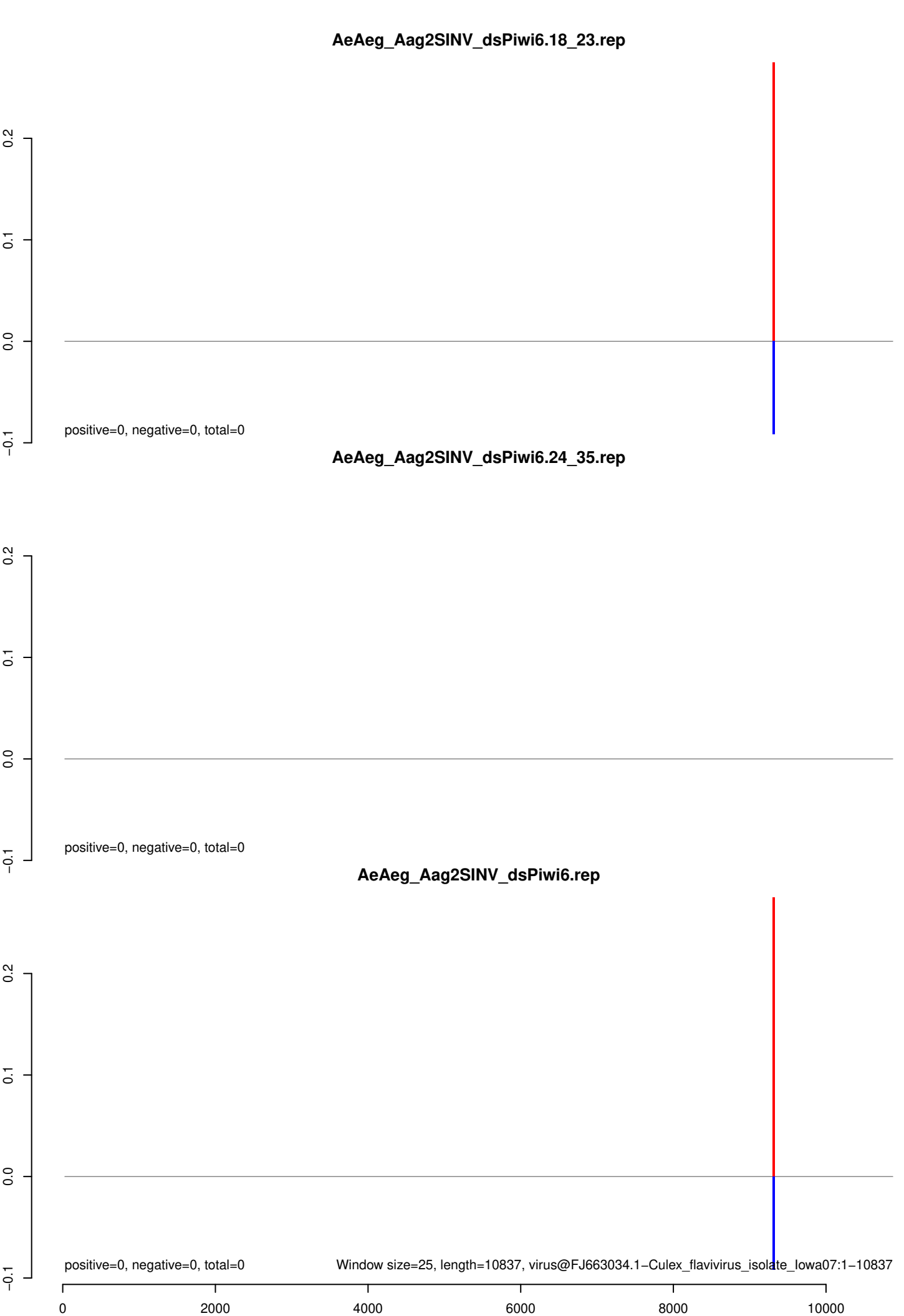
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.2
0.1
0.0
−0.1
positive=0, negative=0, total=0
Window size=25, length=10837, virus@FJ663034.1−Culex_flavivirus_isolate_Iowa07:1−10837
0
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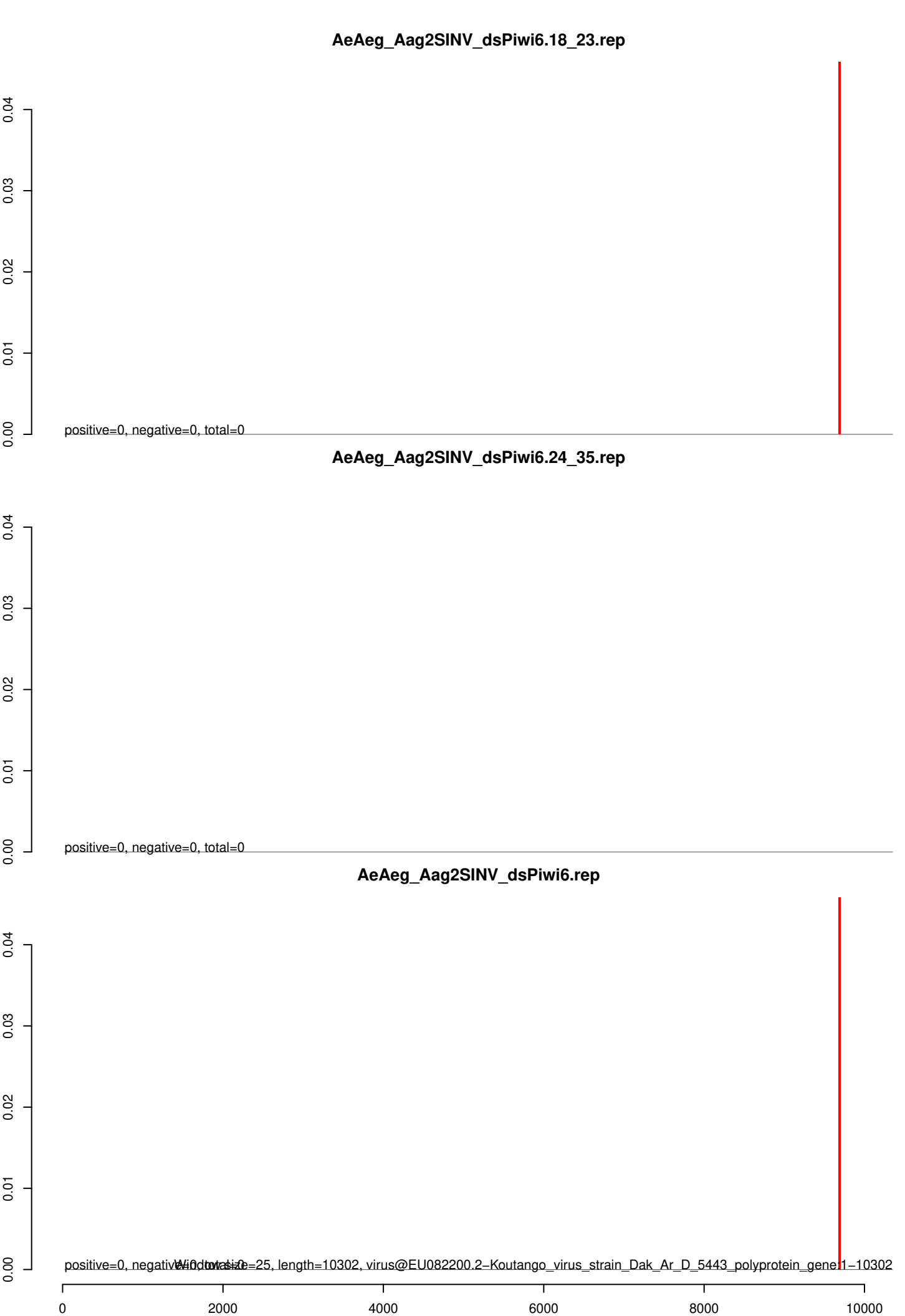
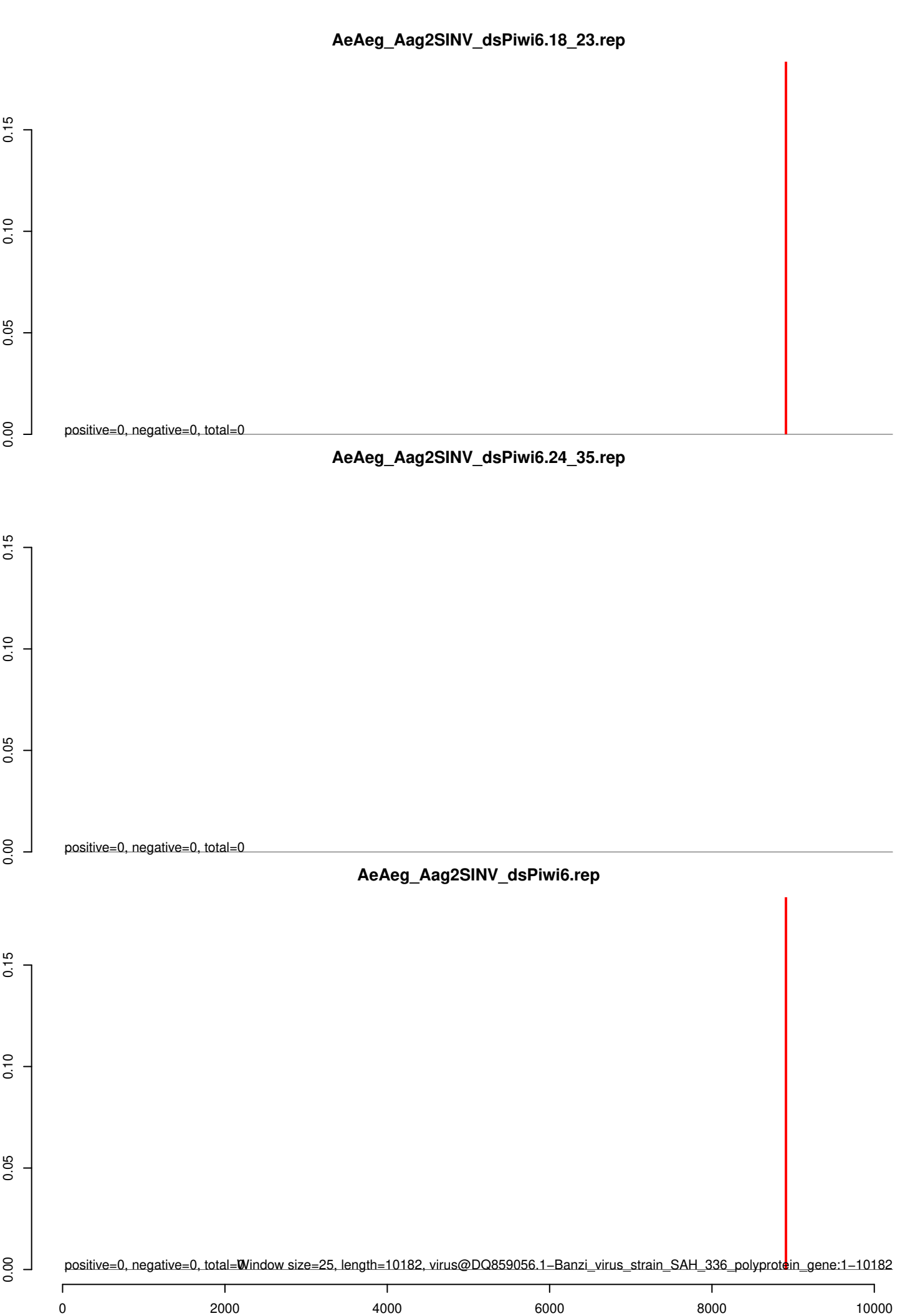
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=25, length=10302, virus@EU082200.2–Koutango_virus_strain_Dak_Ar_D_5443_polyprotein_gene1–10302
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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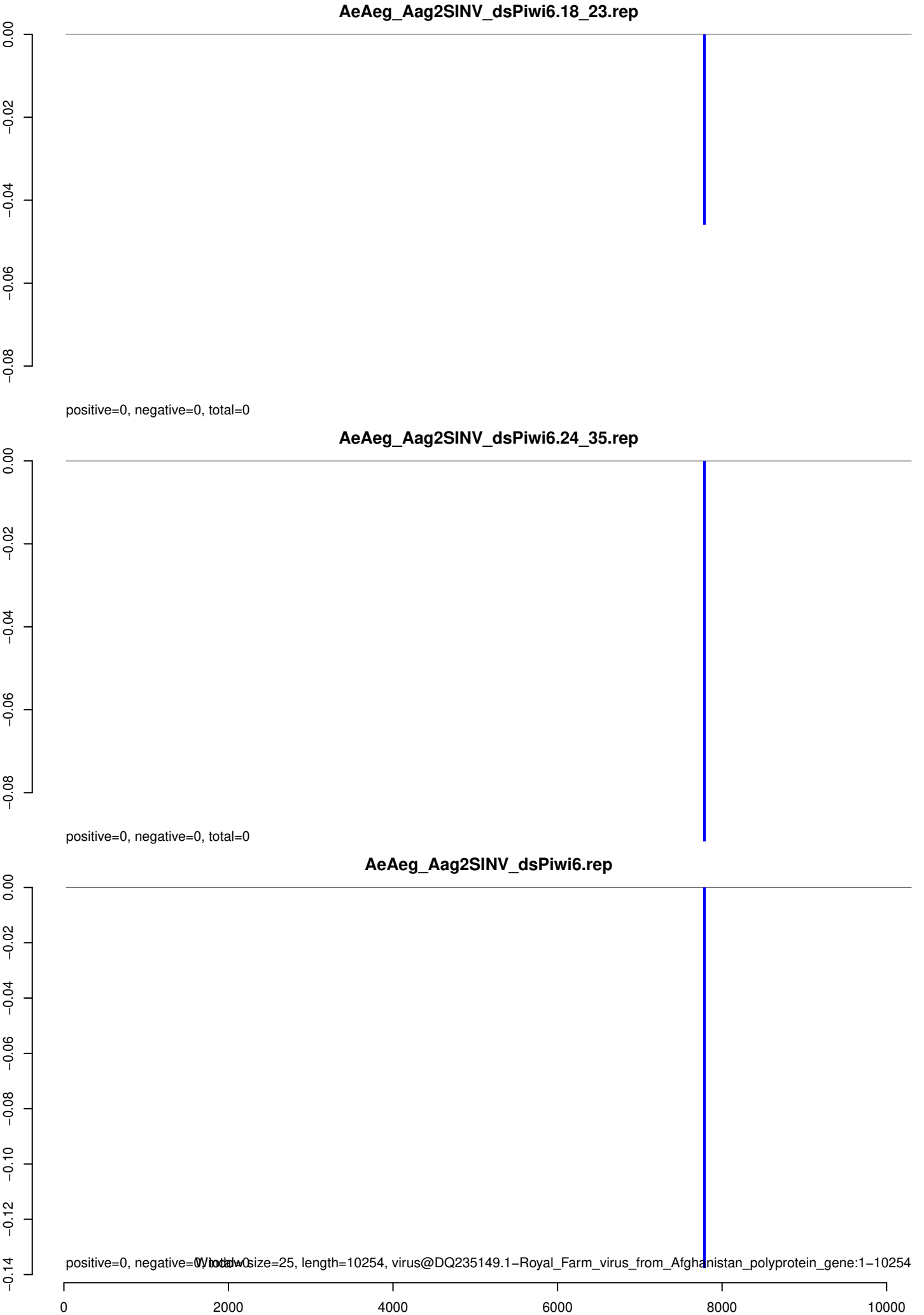
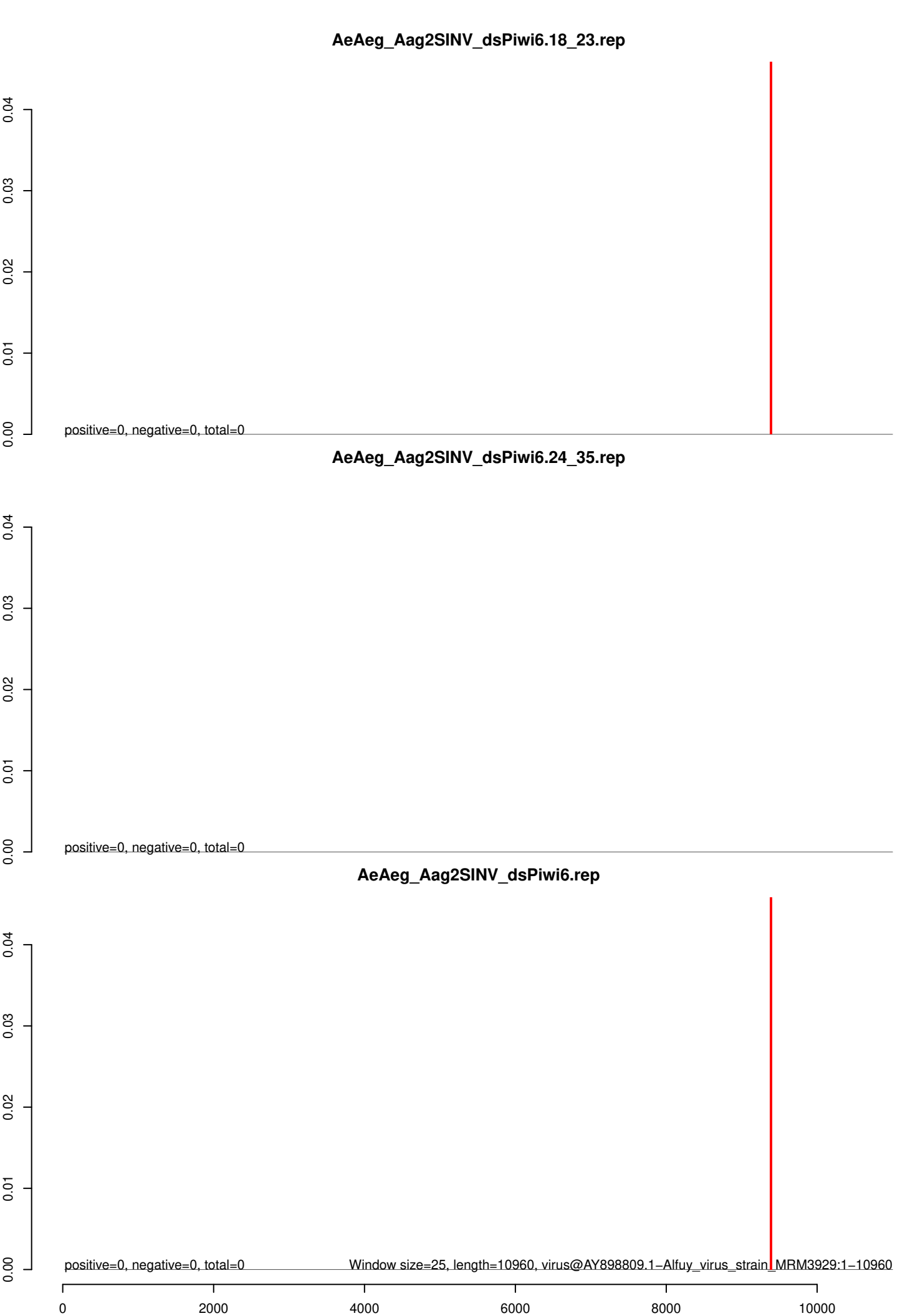
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.05
0.10
0.15
positive=0, negative=0, total=0
Window size=25, length=10182, virus@DQ859056.1–Banzi_virus_strain_SAH_336_polyprotein_gene:1–10182
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
positive=0, negative=0, total=0
Window size=25, length=10254, virus@DQ235149.1−Royal_Farm_virus_from_Afghanistan_polyprotein_gene:1−10254
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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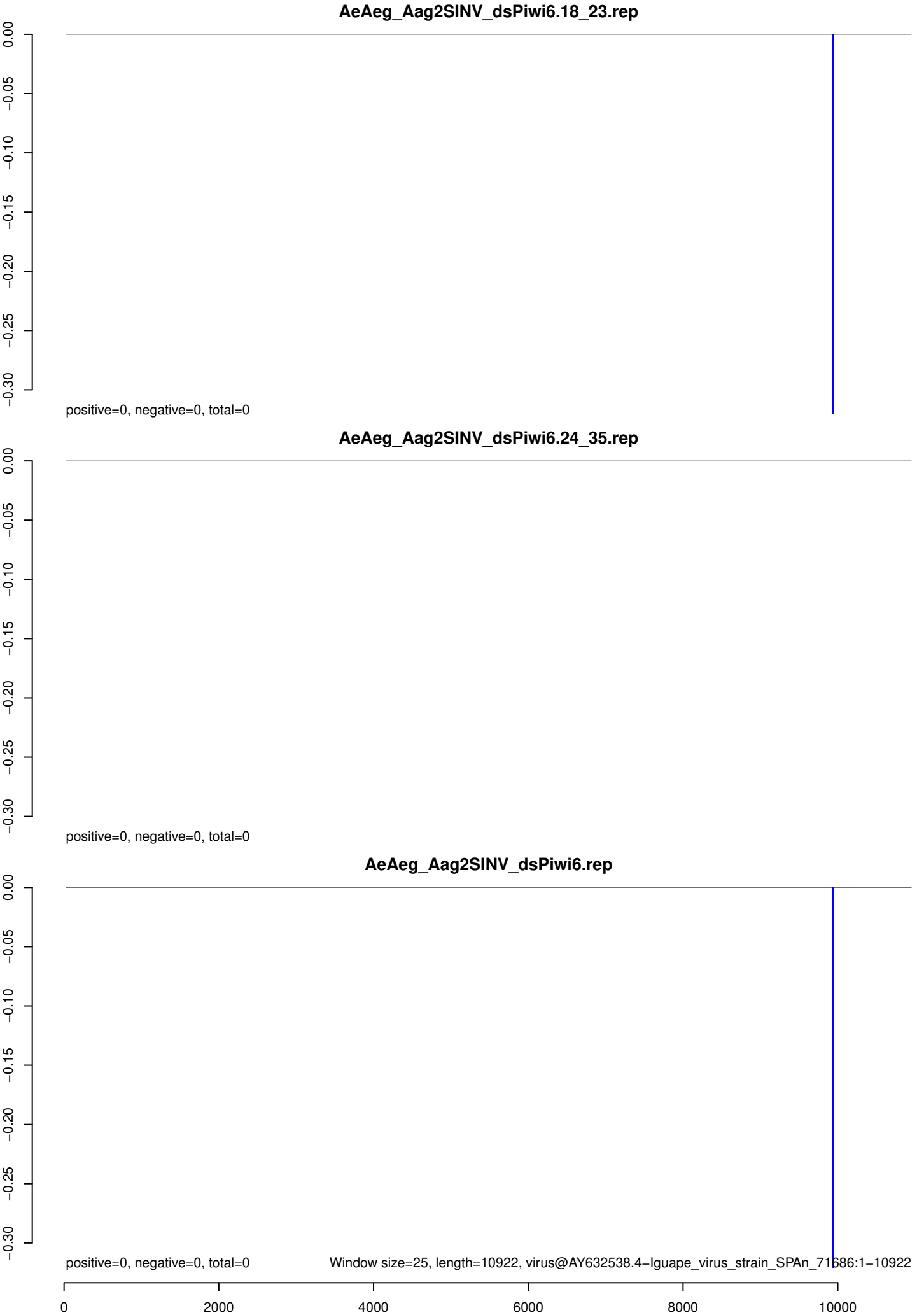
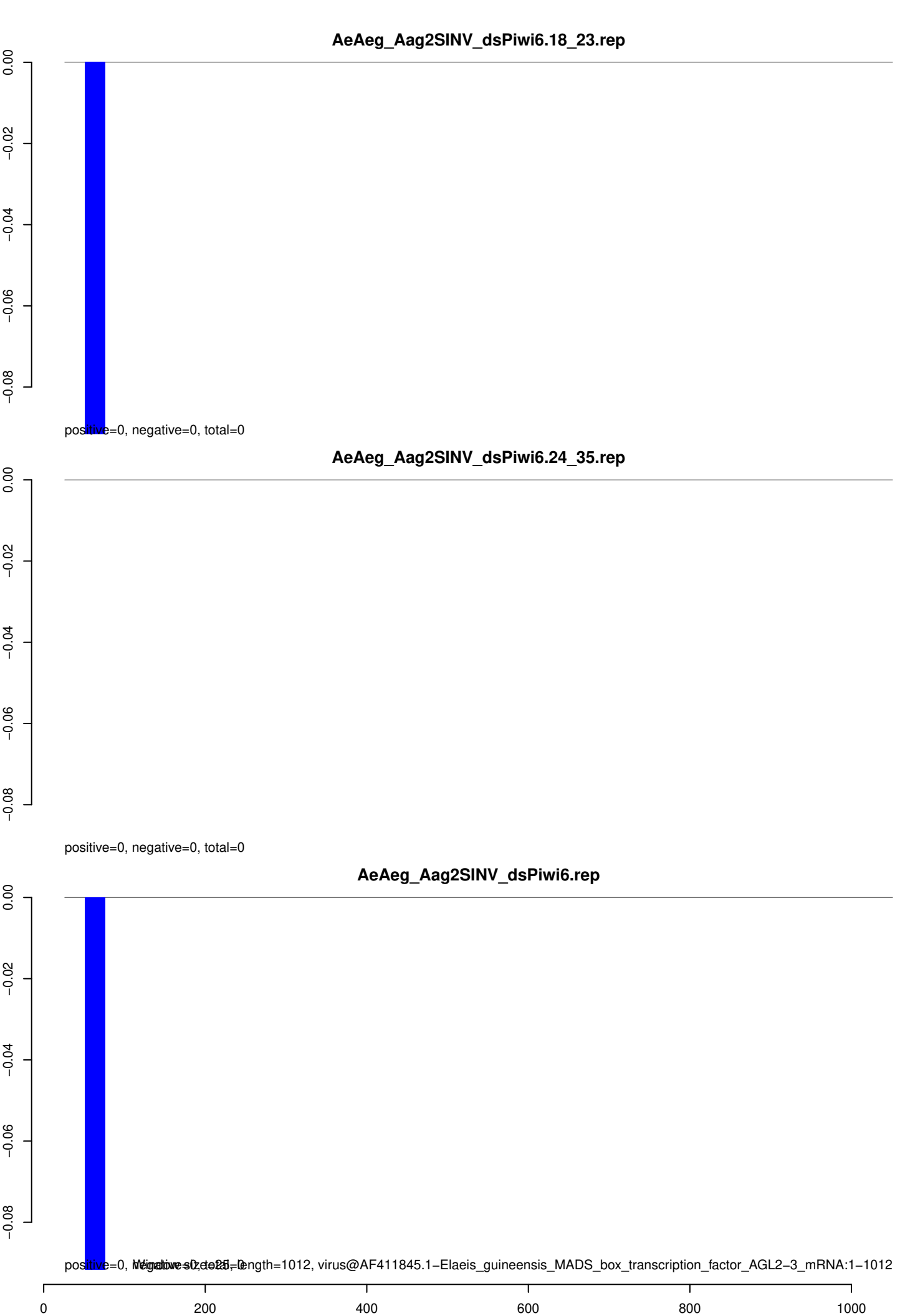
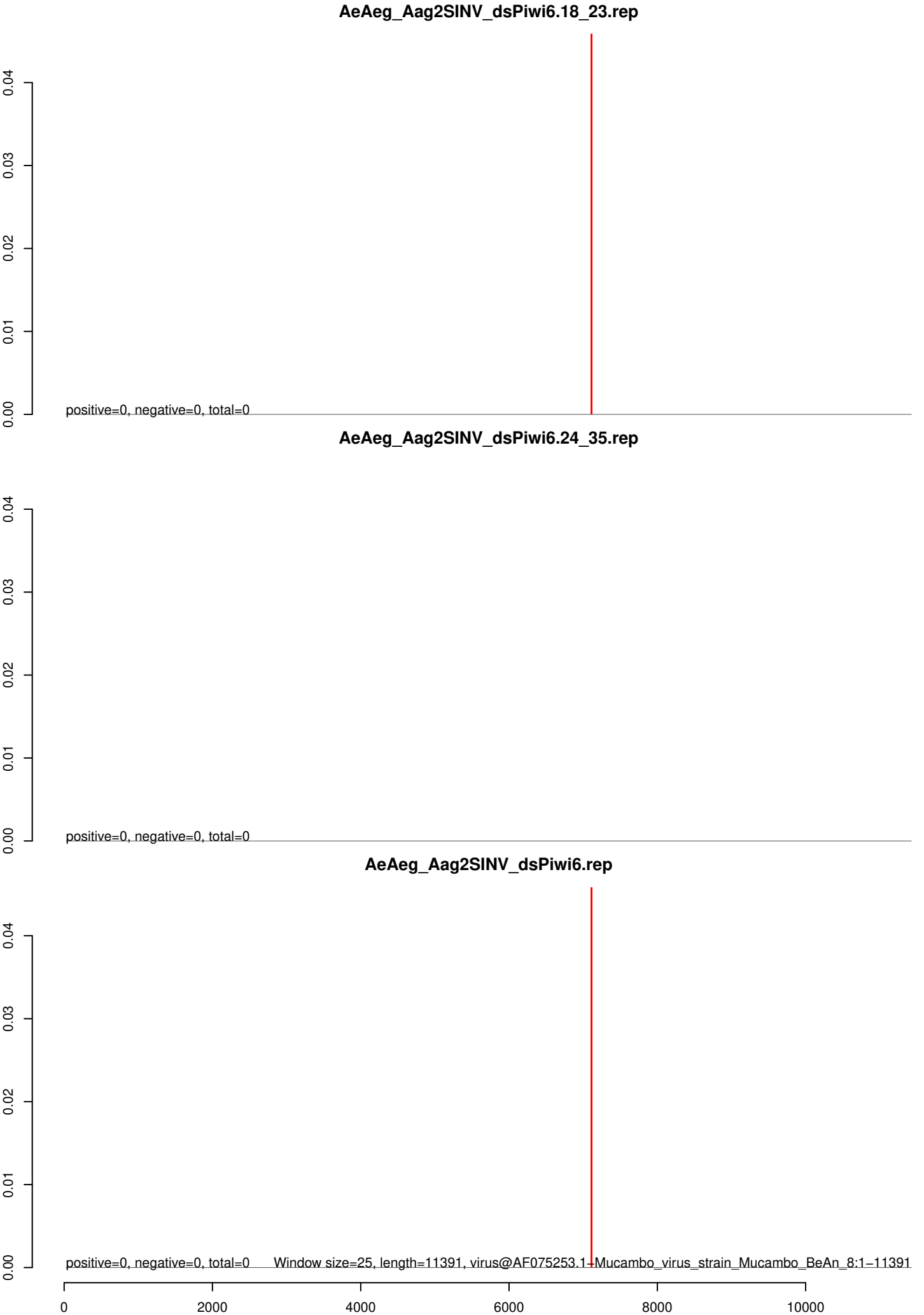
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=10960, virus@AY898809.1−Alfuy_virus_strain_MRM3929:1−10960
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
positive=0, negative=0, total=0
Window size=25, length=10922, virus@AY632538.4−Iguape_virus_strain_SPAn_71686:1−10922
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
−0.02
−0.04
−0.06
−0.08
positive=0, negative=0, total=0
length=1012, virus@AF411845.1−Elaeis_guineensis_MADS_box_transcription_factor_AGL2−3_mRNA:1−1012
0
200
400
600
800
1000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
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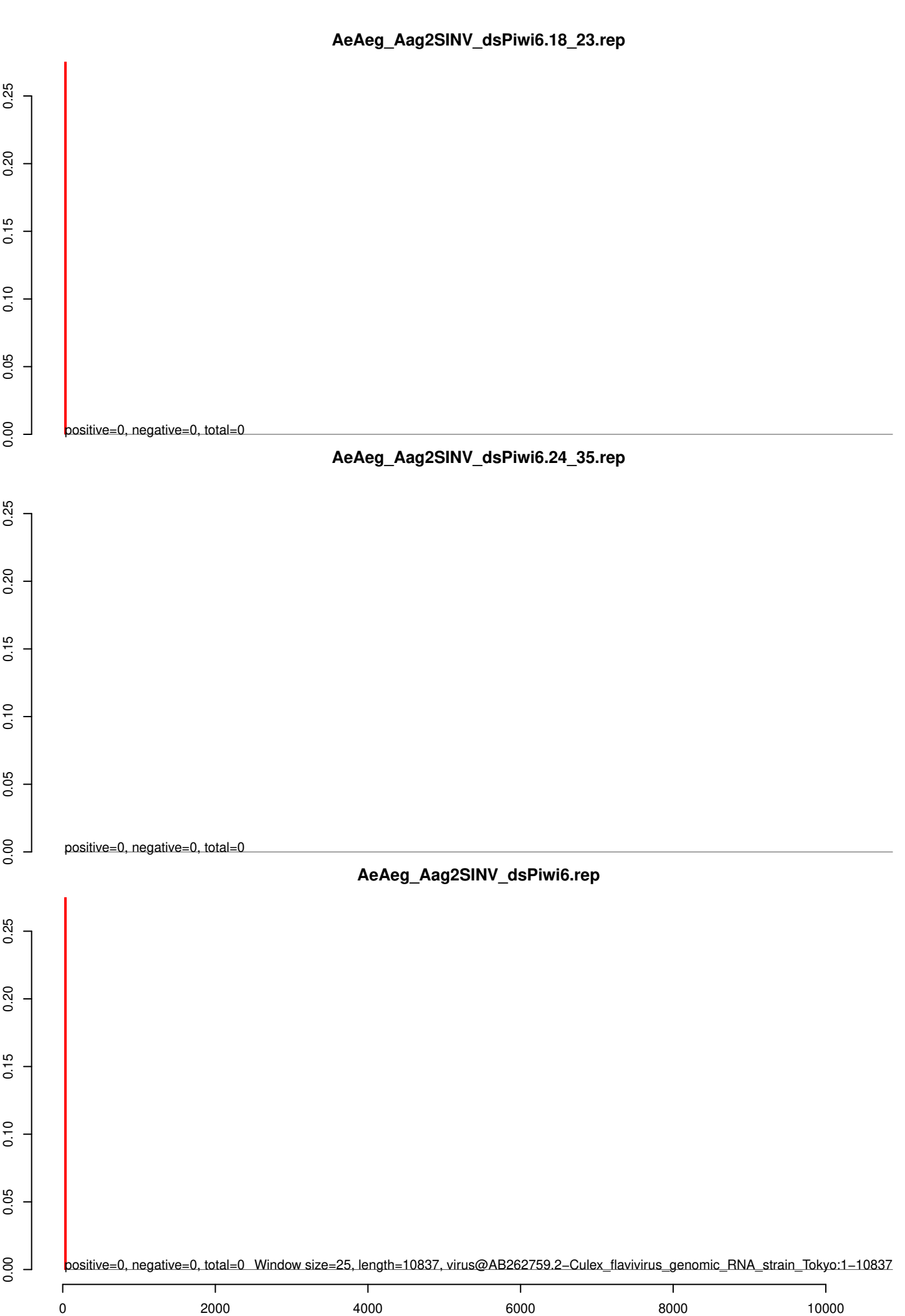
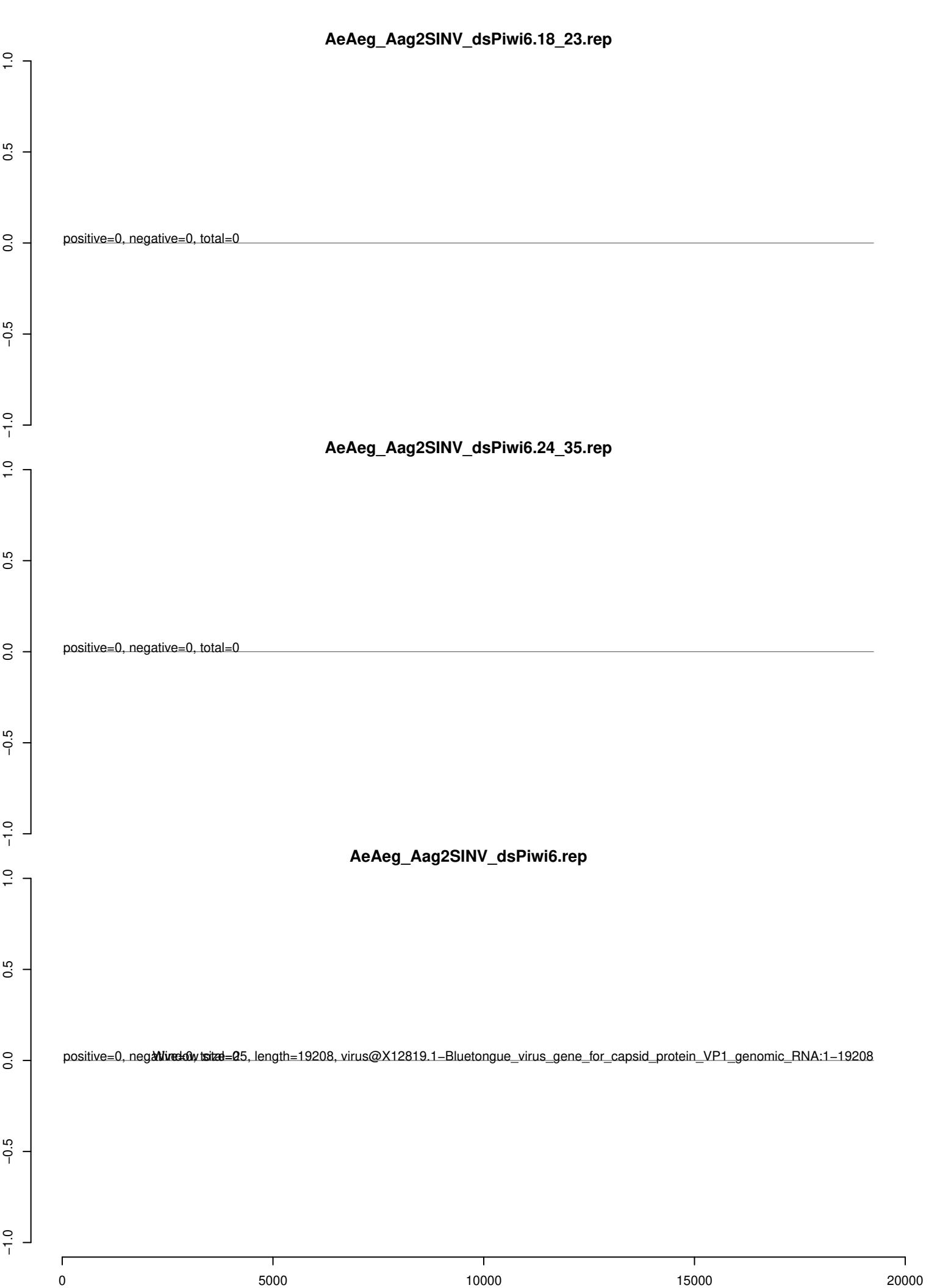
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.01
0.02
0.03
0.04
positive=0, negative=0, total=0
Window size=25, length=11391, virus@AF075253.1-Mucambo_virus_strain_Mucambo_BeAn_8:1–11391
0
2000
4000
6000
8000
10000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
0.00
0.05
0.10
0.15
0.20
0.25
positive=0, negative=0, total=0 Window size=25, length=10837, virus@AB262759.2−Culex_flavivirus_genomic_RNA_strain_Tokyo:1−10837
0
2000
4000
6000
8000
10000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positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=0, negative=0, total=25, length=19208, virus@X12819.1−Bluetongue_virus_gene_for_capsid_protein_VP1_genomic_RNA:1−19208
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0.0
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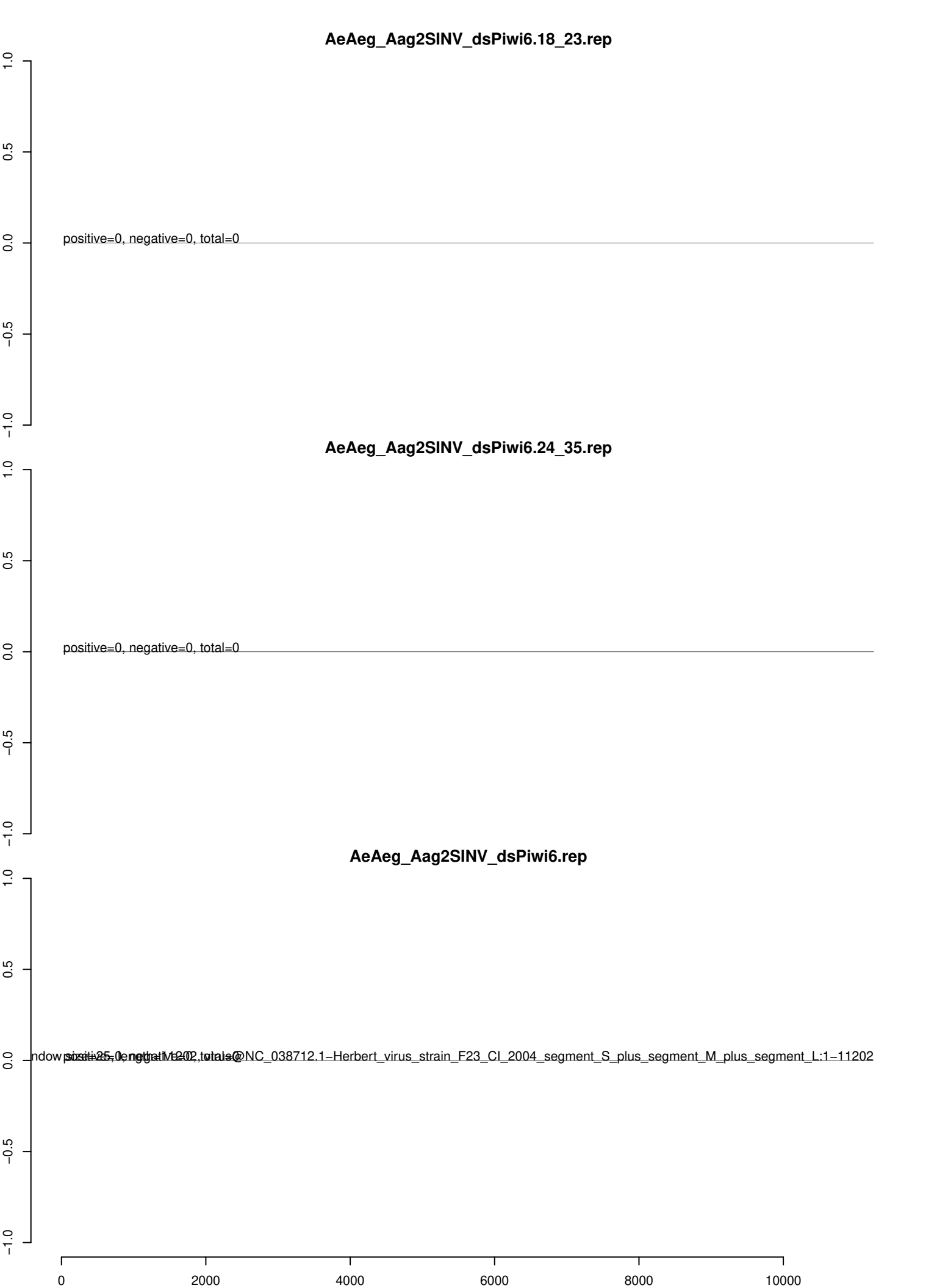
−1.0
0
5000
10000
15000
20000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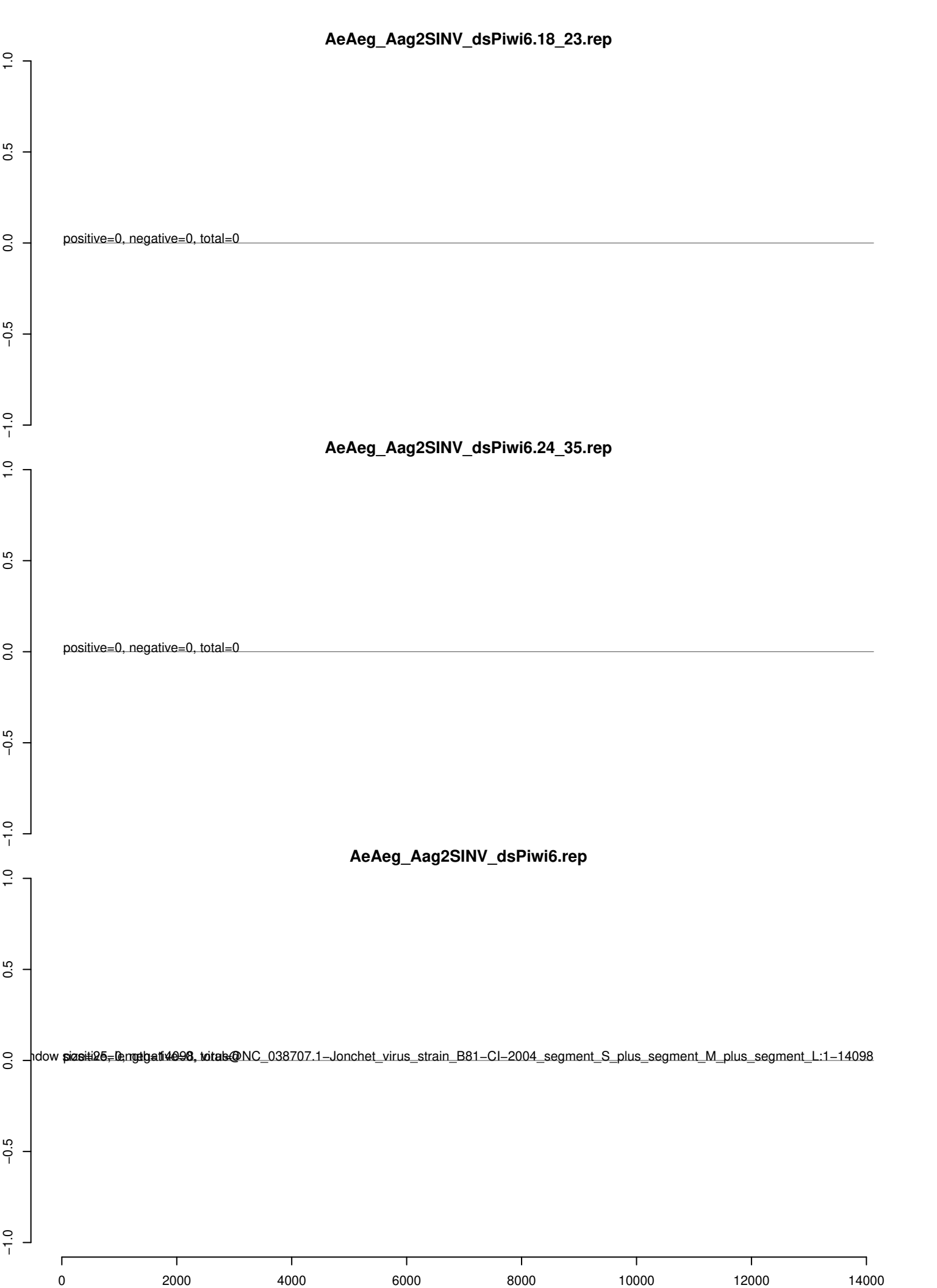
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=25, negative=202, total=0
NC_038712.1–Herbert_virus_strain_F23_CI_2004_segment_S_plus_segment_M_plus_segment_L:1–11202
1.0
0.5
0.0
−0.5
−1.0
0
2000
4000
6000
8000
10000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positive=0, negative=0, total=0
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positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=0, negative=0, total=0
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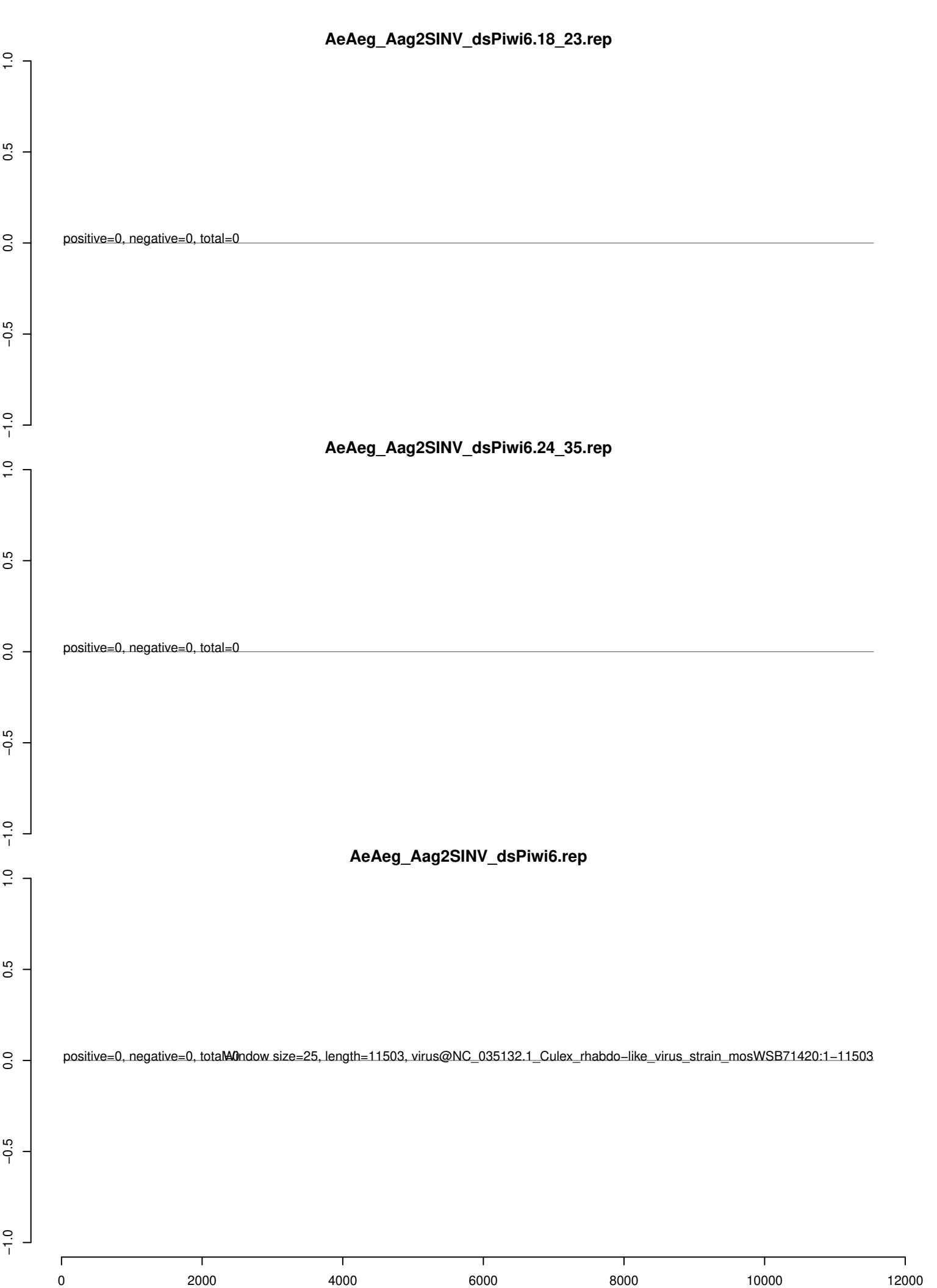
0.5
0.0
−0.5
−1.0
0
2000
4000
6000
8000
10000
12000
14000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=0, negative=0, total=0
Window size=25, length=11503, virus@NC_035132.1_Culex_rhabdo−like_virus_strain_mosWSB71420:1−11503
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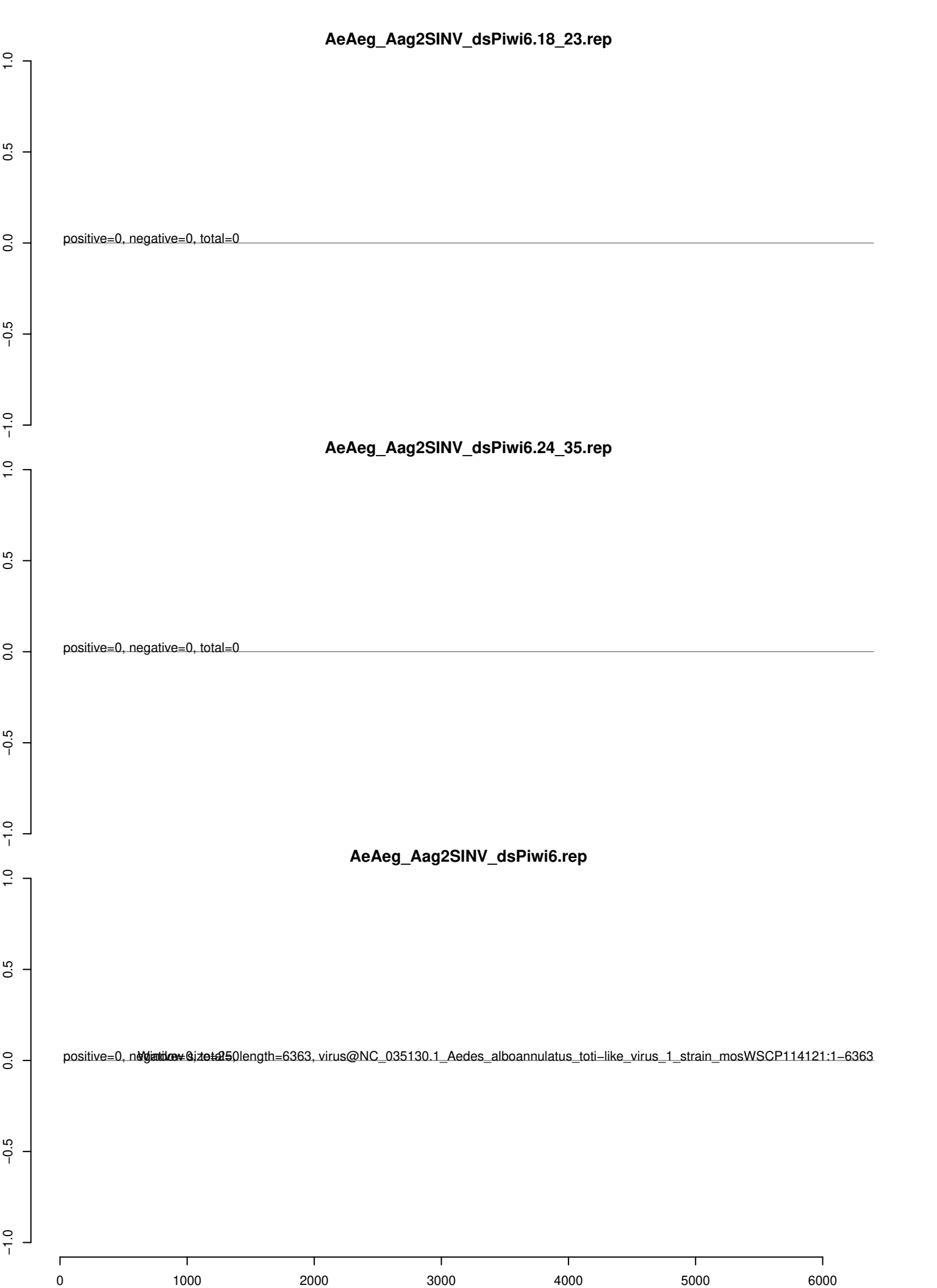
0.5
0.0
−0.5
−1.0
0
2000
4000
6000
8000
10000
12000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=0, negative=0, total=0
Window size=250
length=6363, virus@NC_035130.1_Aedes_alboannulatus_toti−like_virus_1_strain_mosWSCP114121:1−6363
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0.5
0.0
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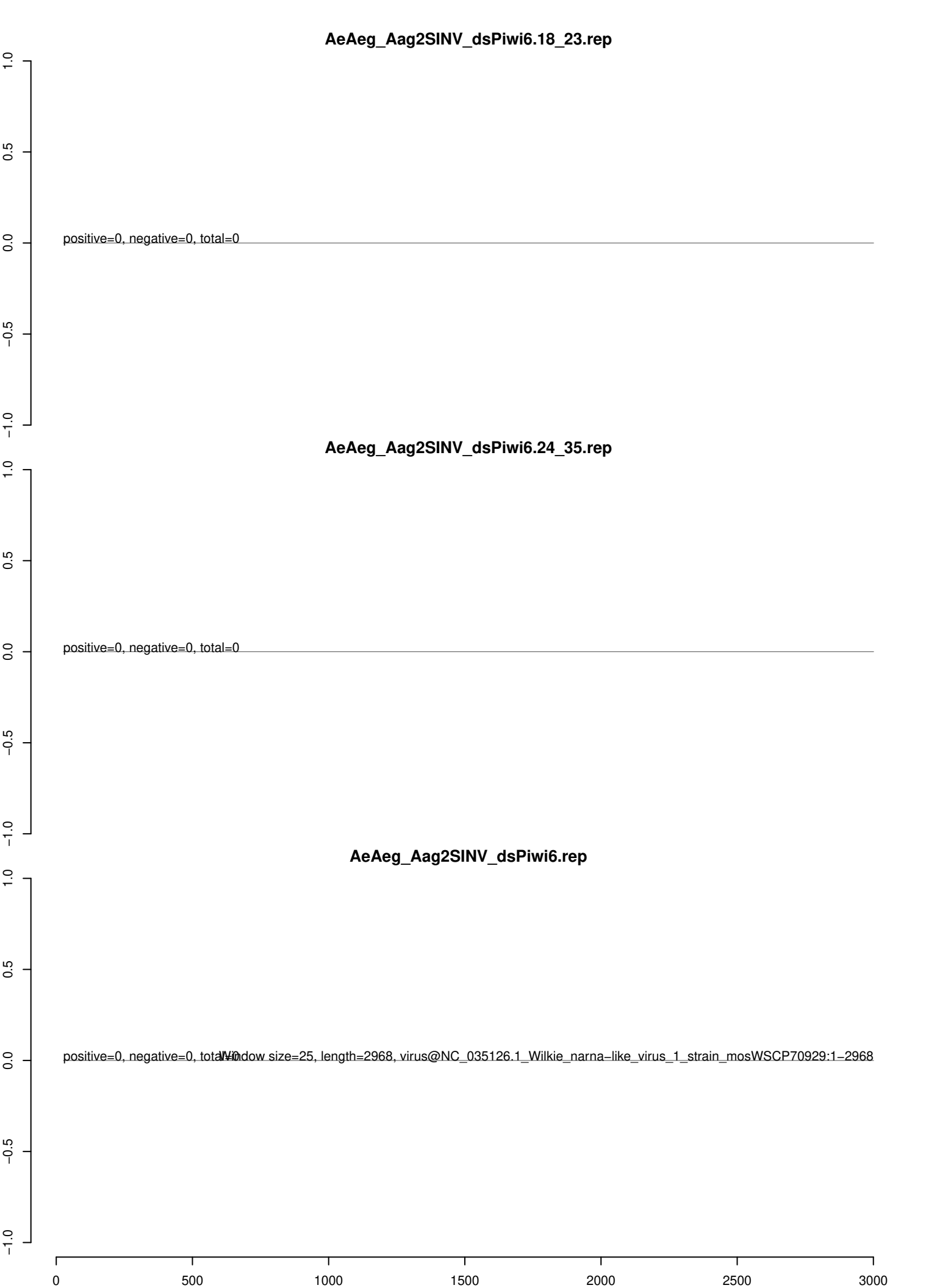
−1.0
0
1000
2000
3000
4000
5000
6000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
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positive=0, negative=0, total=0
Window size=25, length=2968, virus@NC_035126.1_Wilkie_narna-like_virus_1_strain_mosWSCP70929:1-2968
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0.0
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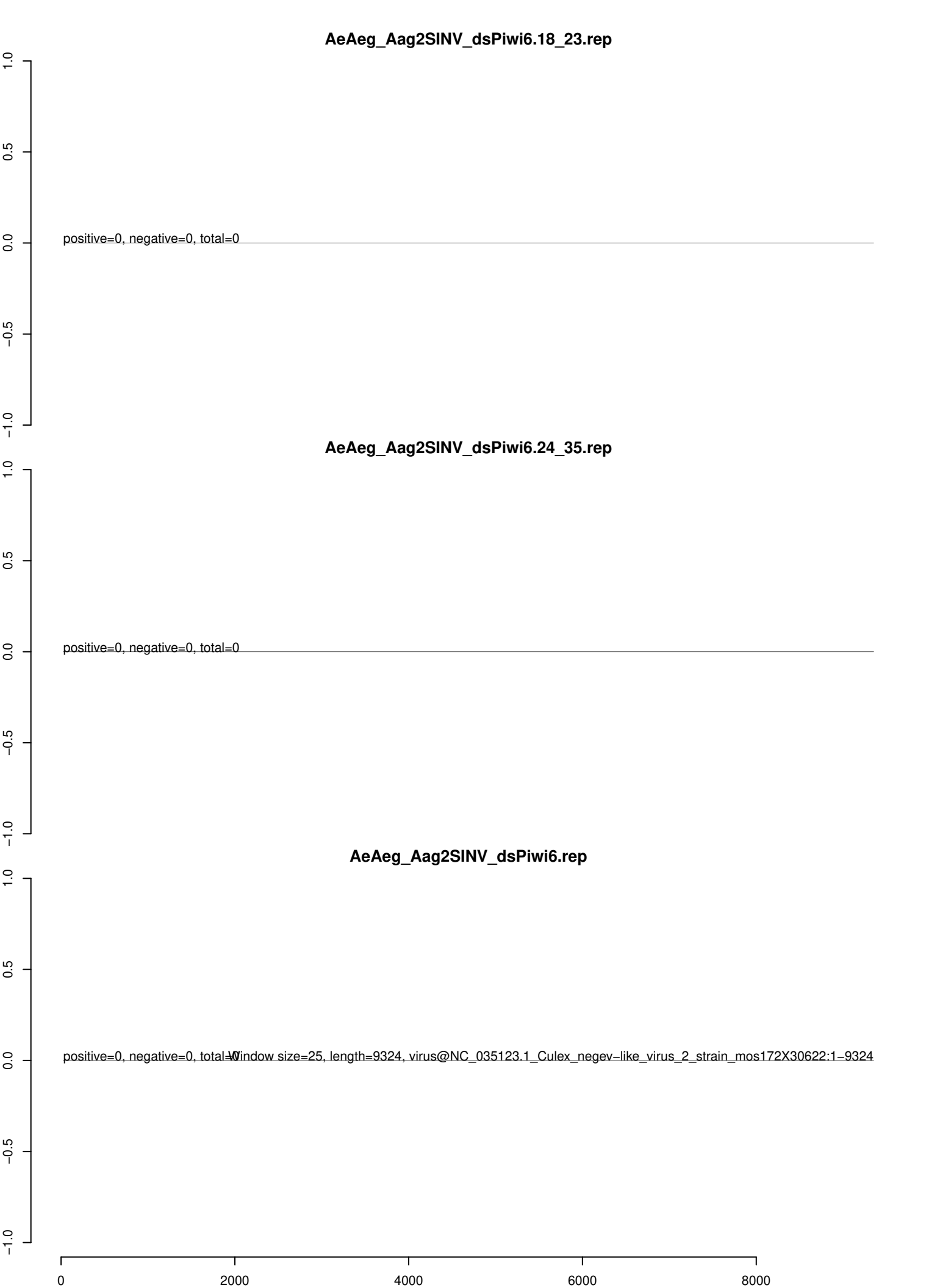
−1.0
0
500
1000
1500
2000
2500
3000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positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=0, negative=0, total=0
Window size=25, length=9324, virus@NC_035123.1_Culex_negev-like_virus_2_strain_mos172X30622:1-9324
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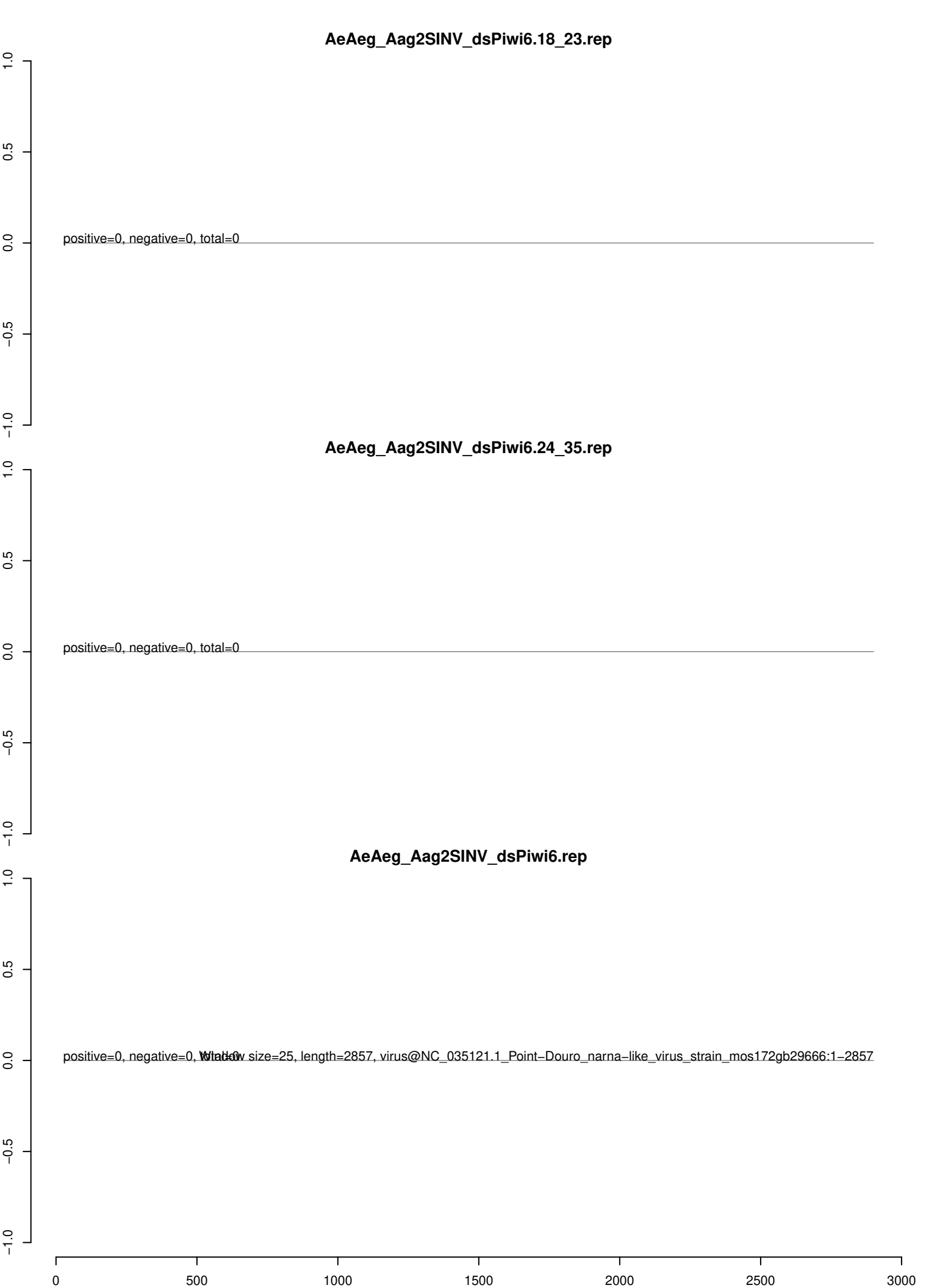
0.5
0.0
−0.5
−1.0
0
2000
4000
6000
8000


AeAeg_Aag2SINV_dsPiwi6.18_23.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=0, negative=0, window size=25, length=2857, virus@NC_035121.1_Point-Douro_narna-like_virus_strain_mos172gb29666:1-2857
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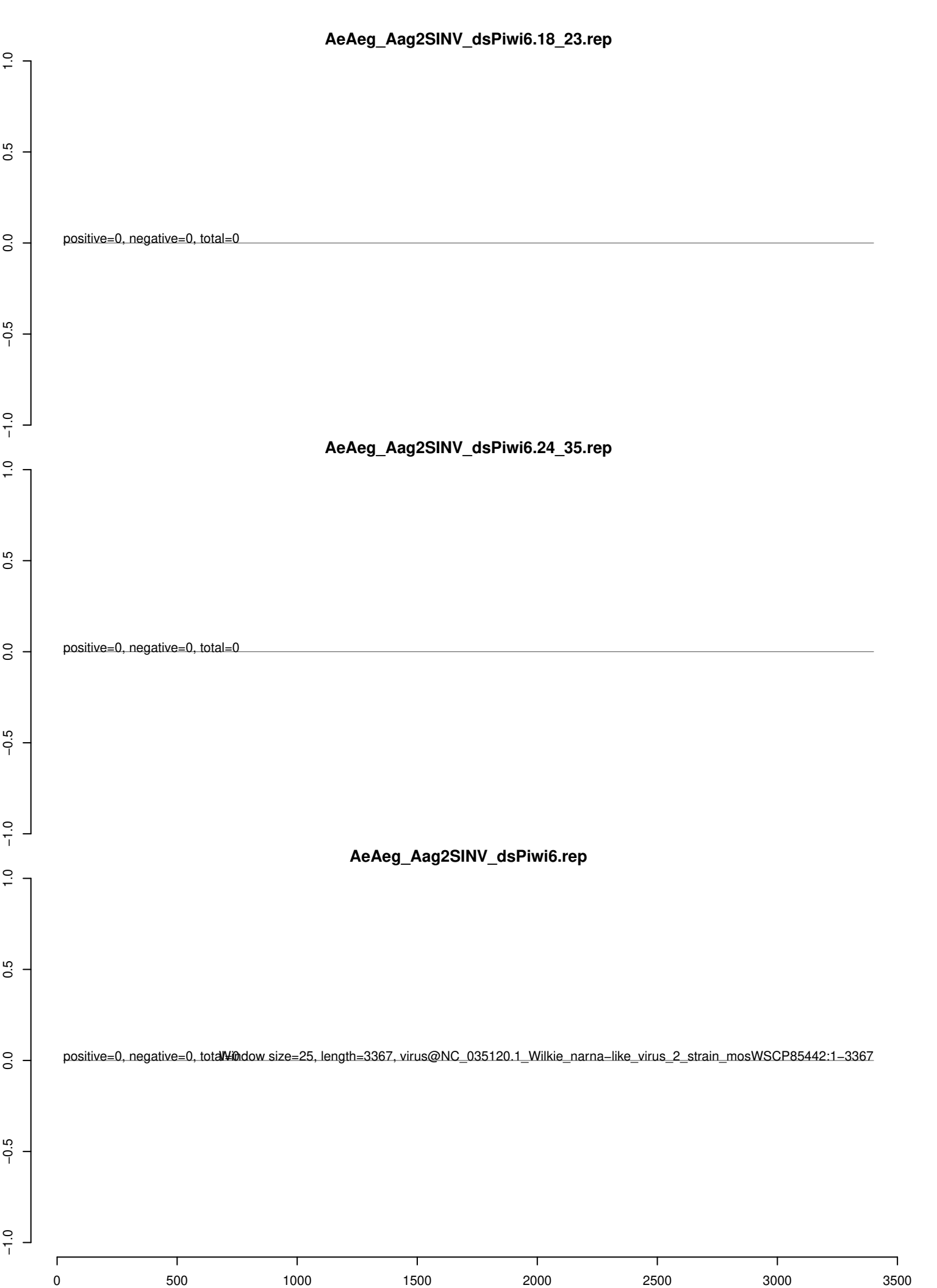
0.5
0.0
−0.5
−1.0
0
500
1000
1500
2000
2500
3000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positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=0, negative=0, total=0
Window size=25, length=3367, virus@NC_035120.1_Wilkie_narna−like_virus_2_strain_mosWSCP85442:1−3367
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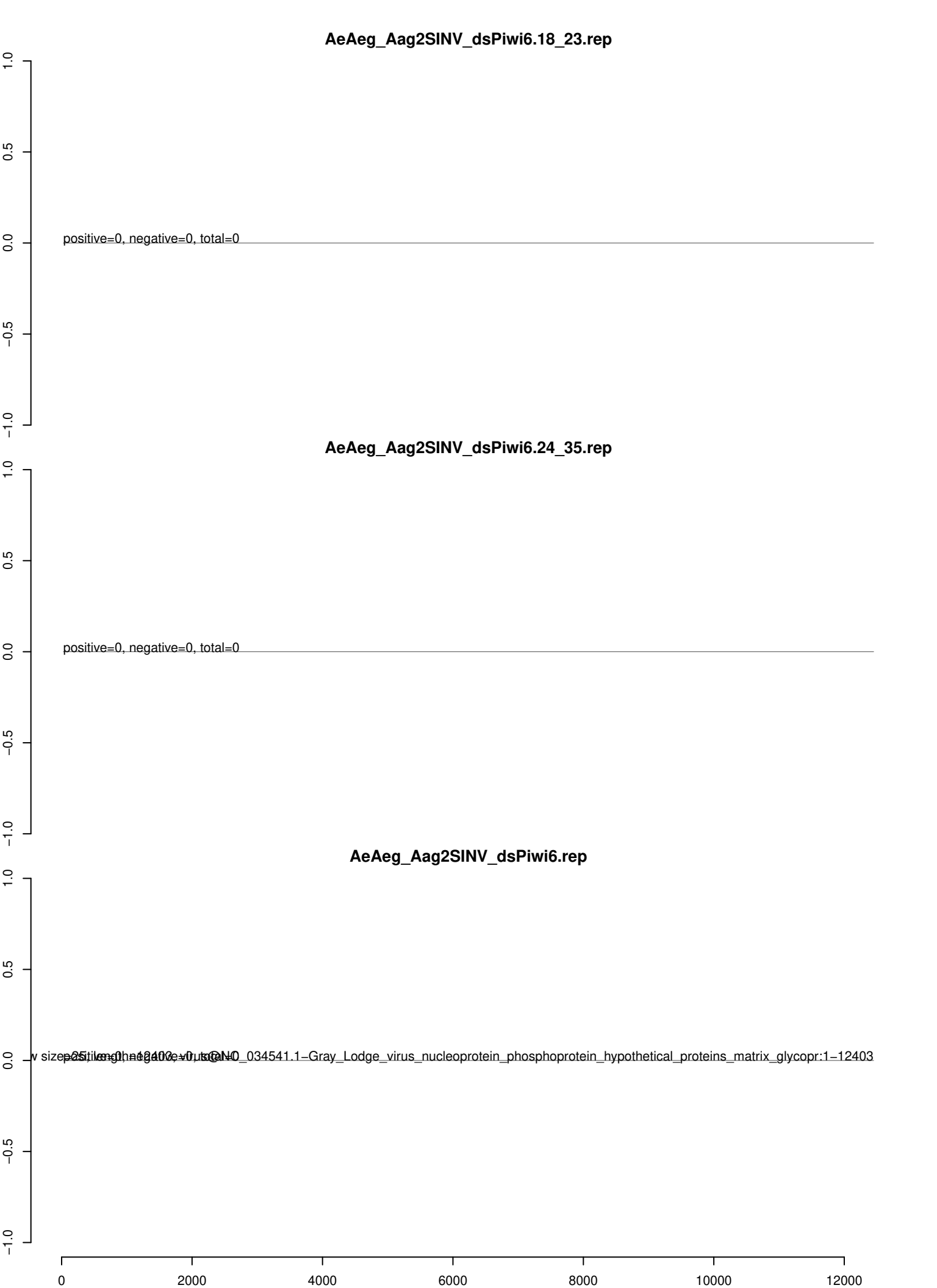
0.5
0.0
−0.5
−1.0
0
500
1000
1500
2000
2500
3000
3500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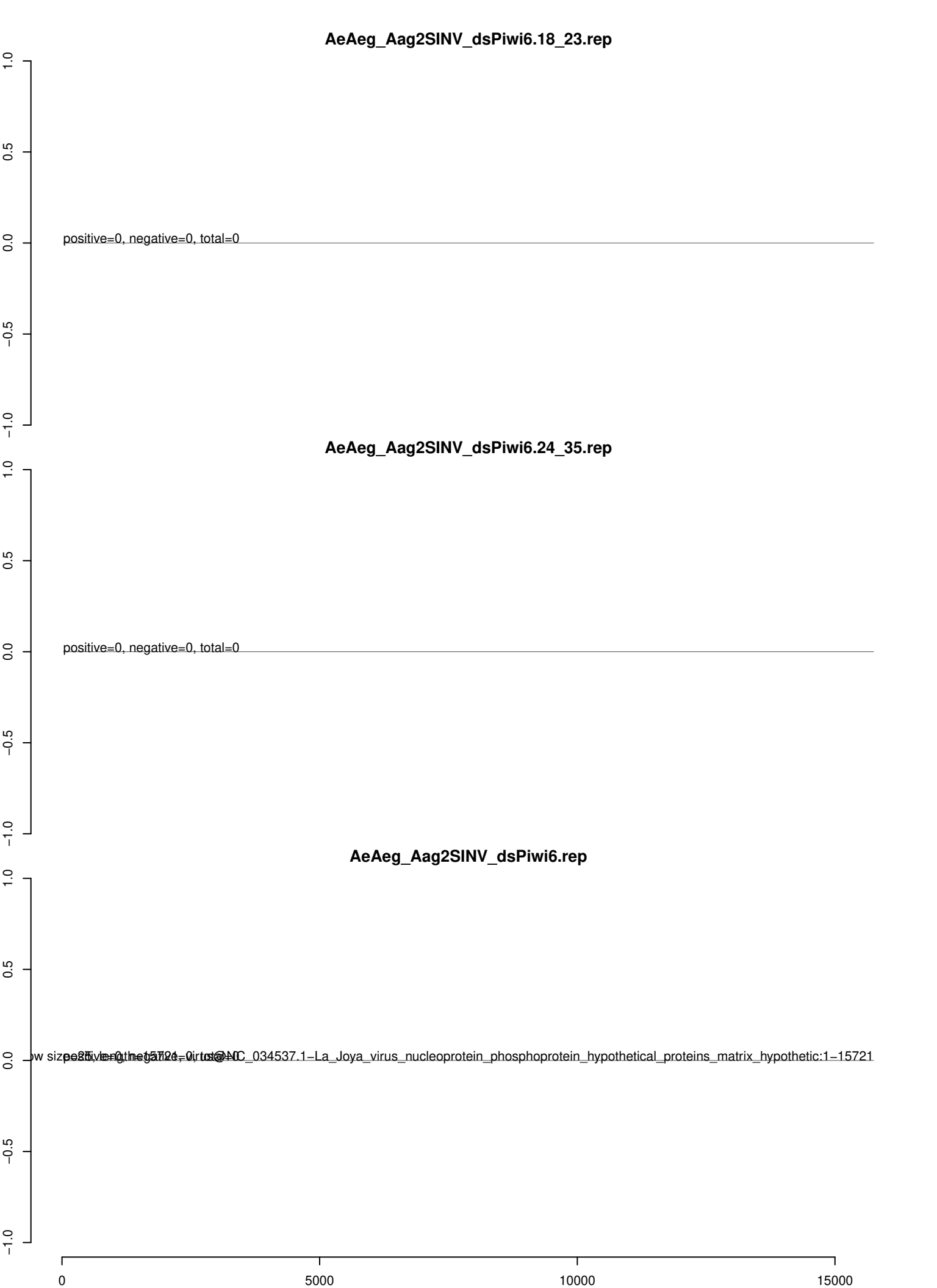
AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
w size=25, length=12403, virus=0, total=0
positive=0, negative=0, total=0
0_034541.1−Gray_Lodge_virus_nucleoprotein_phosphoprotein_hypothetical_proteins_matrix_glycopr:1−12403
1.0
0.5
0.0
−0.5
−1.0
0
2000
4000
6000
8000
10000
12000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positive=0, negative=0, total=0
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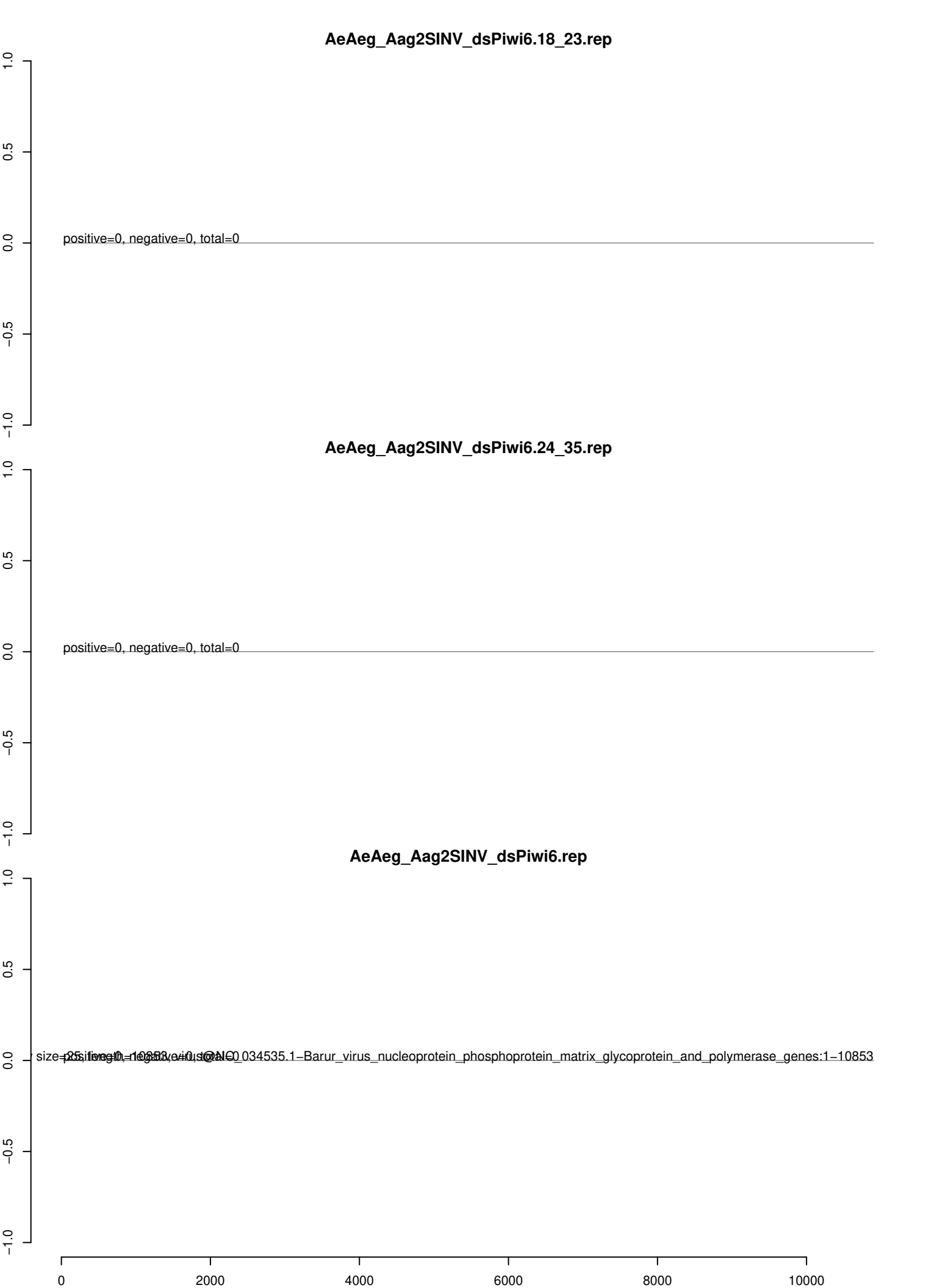
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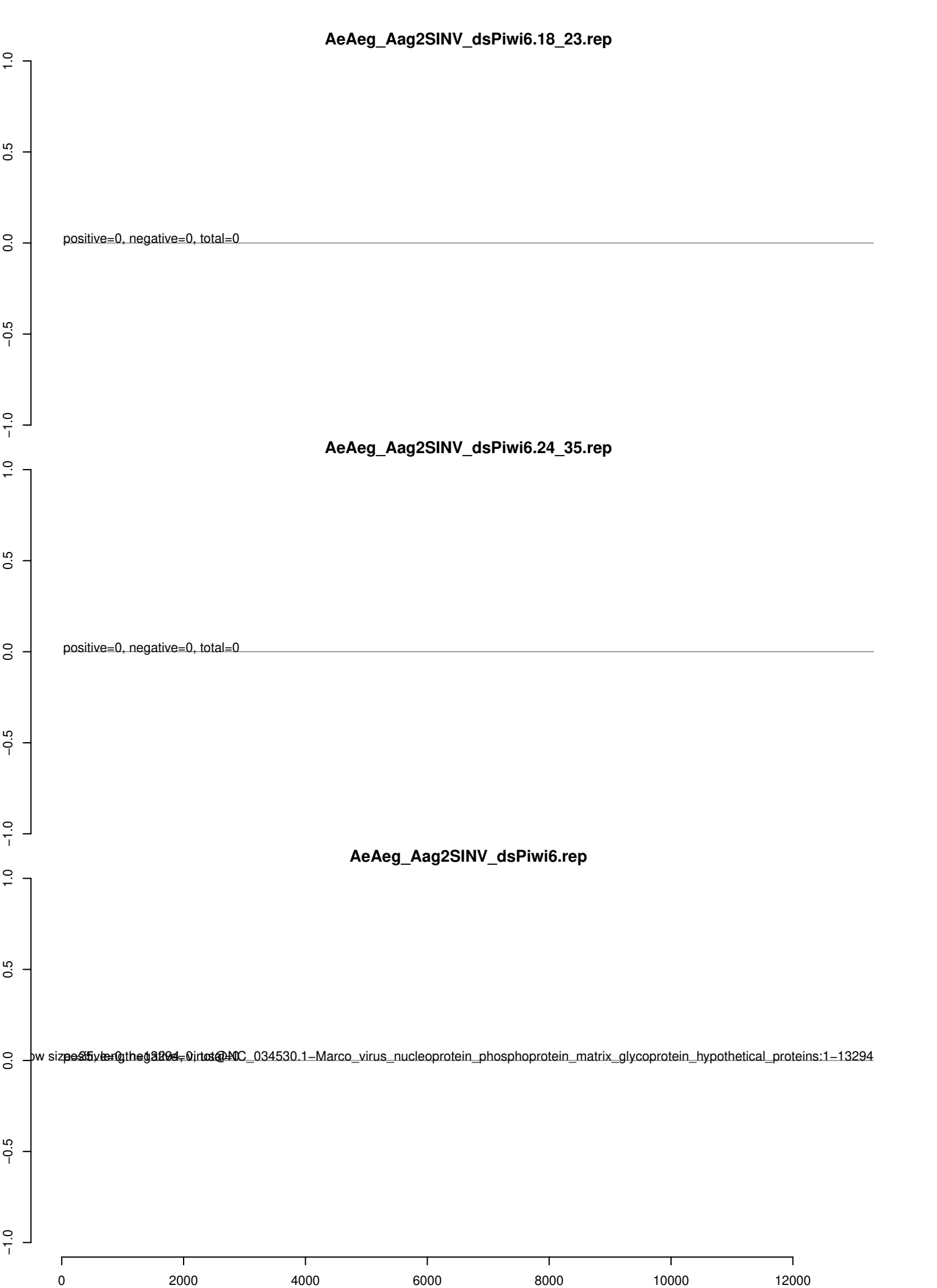
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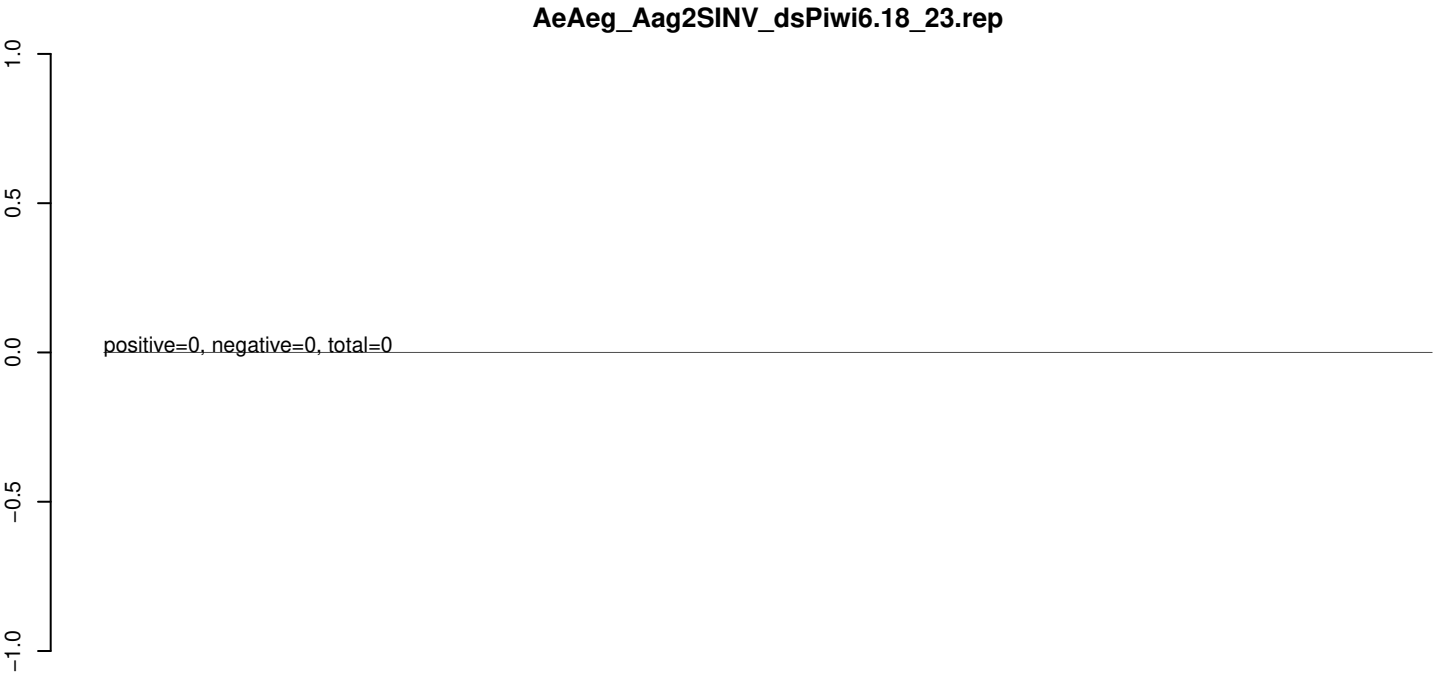
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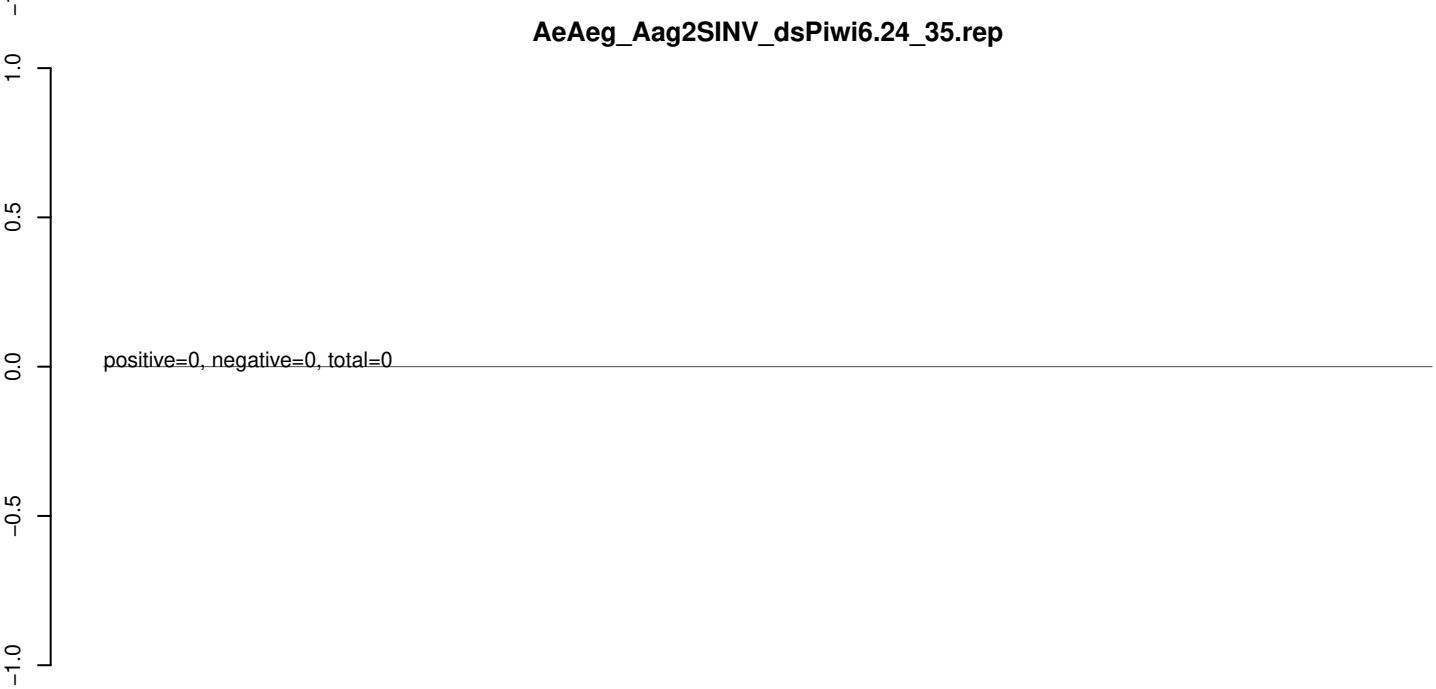
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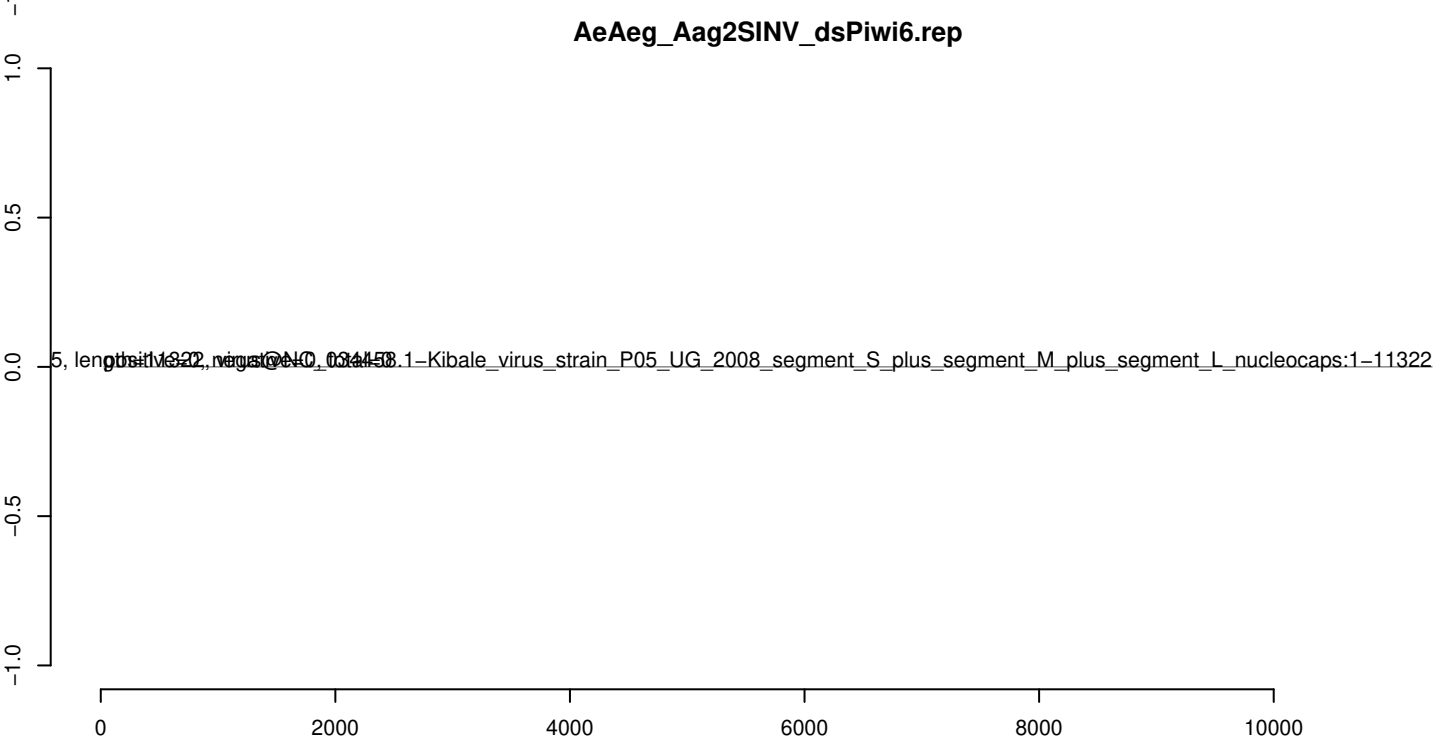
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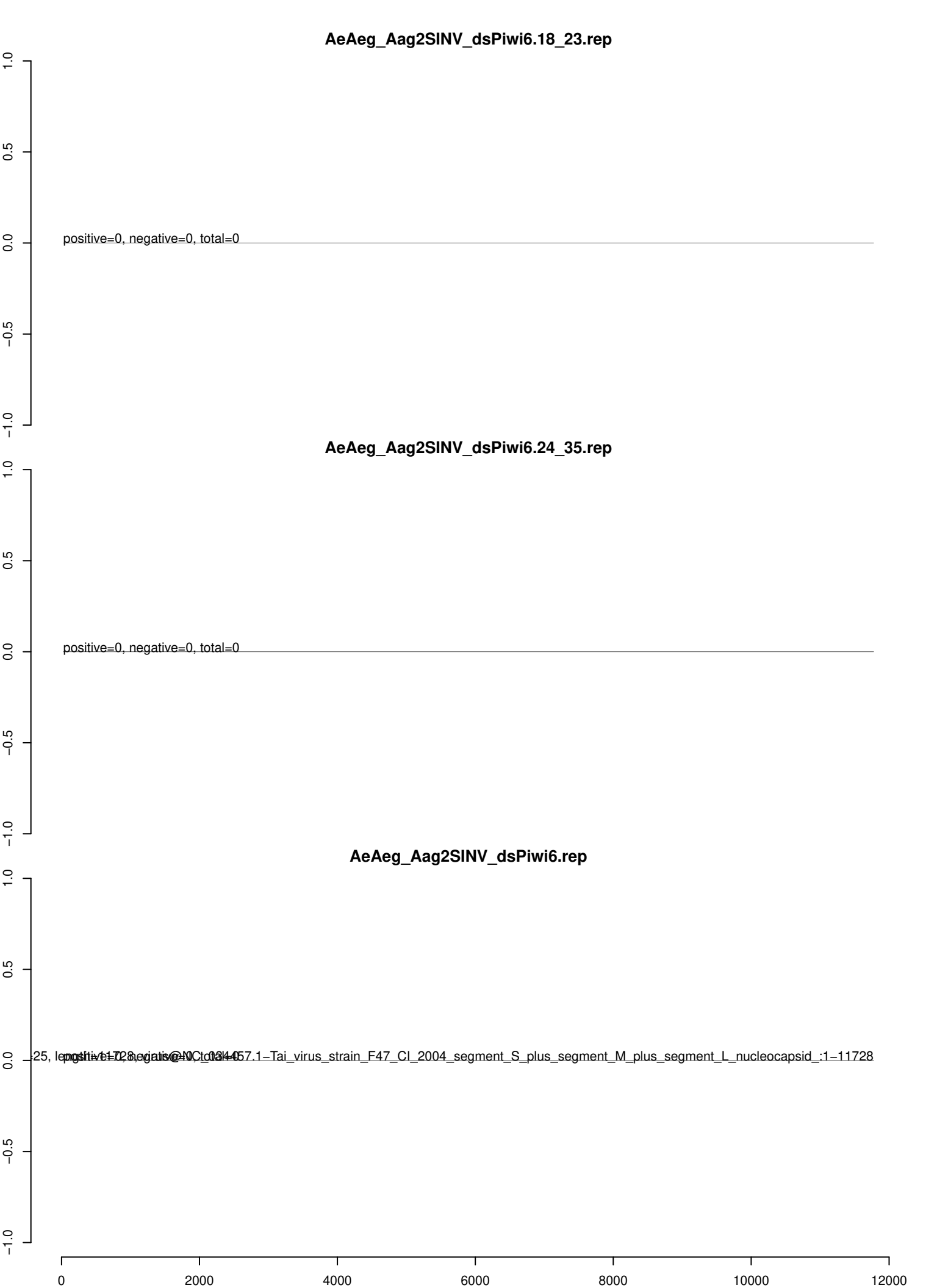
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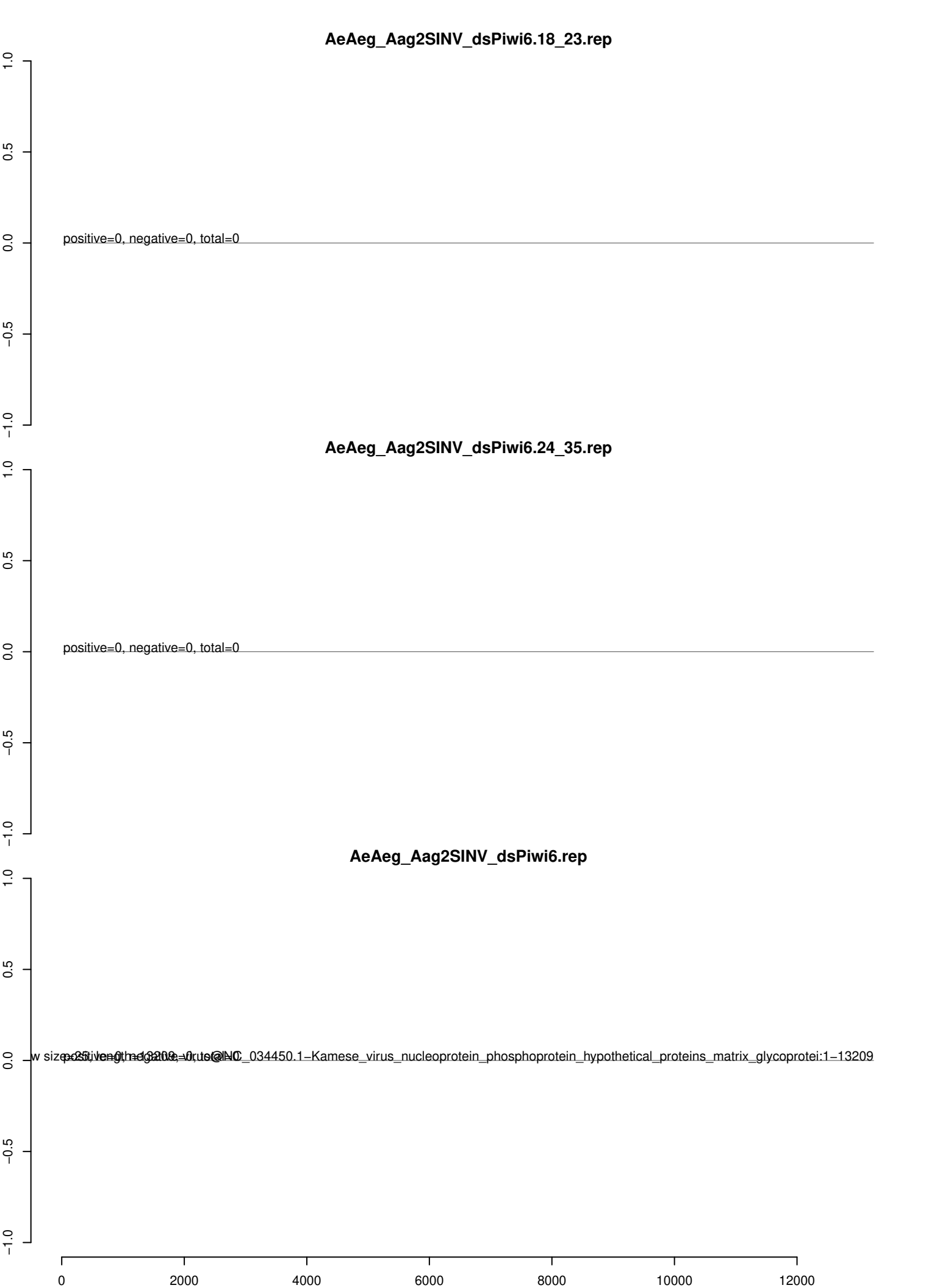
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positive=25, negative=0, total=25
NC_034450.1–Kamese_virus_nucleoprotein_phosphoprotein_hypothetical_proteins_matrix_glycoprotei:1–13209
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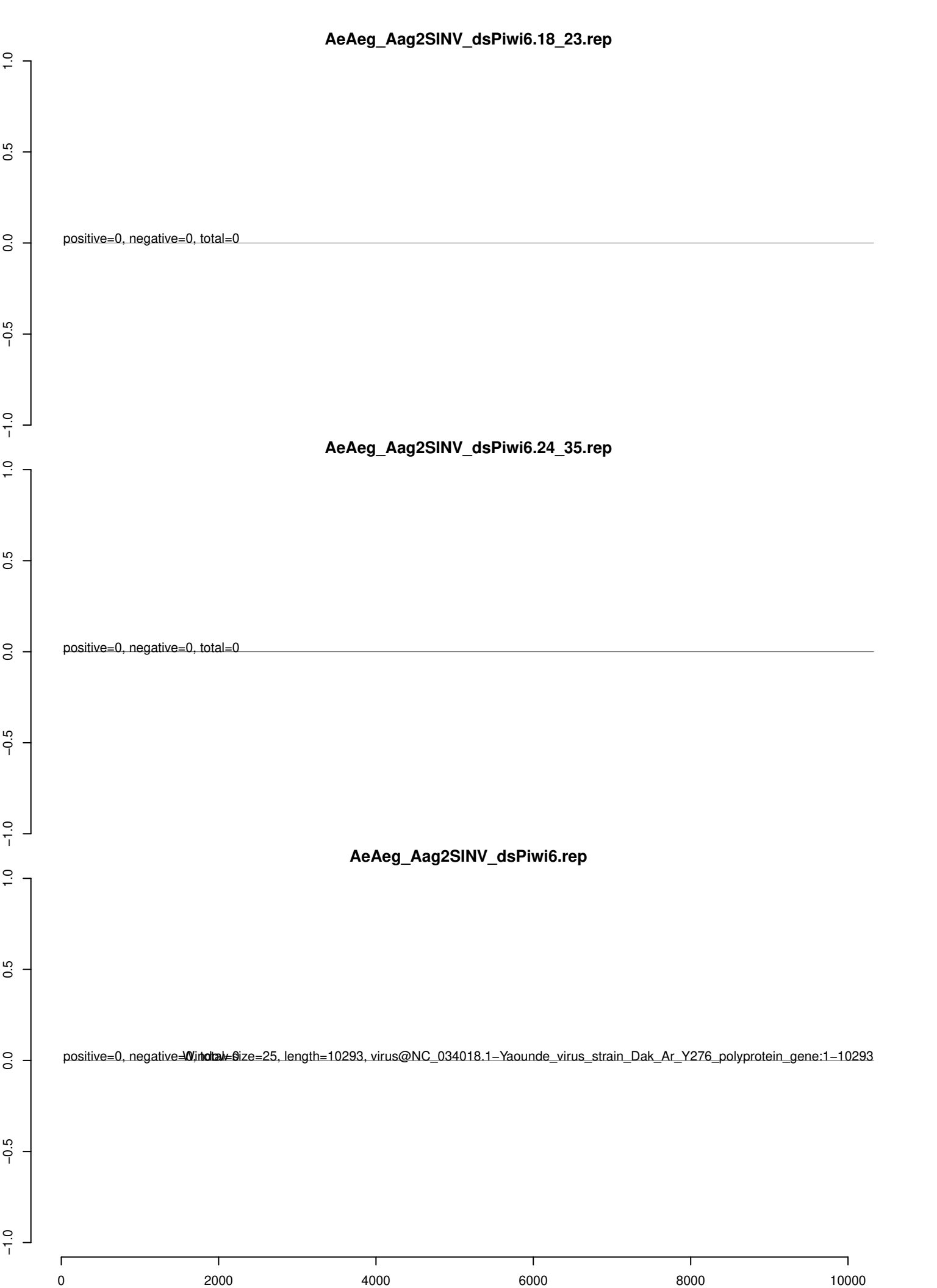
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AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
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positive=0, negative=0, total=0
Window size=25, length=10293, virus@NC_034018.1−Yaounde_virus_strain_Dak_Ar_Y276_polyprotein_gene:1−10293
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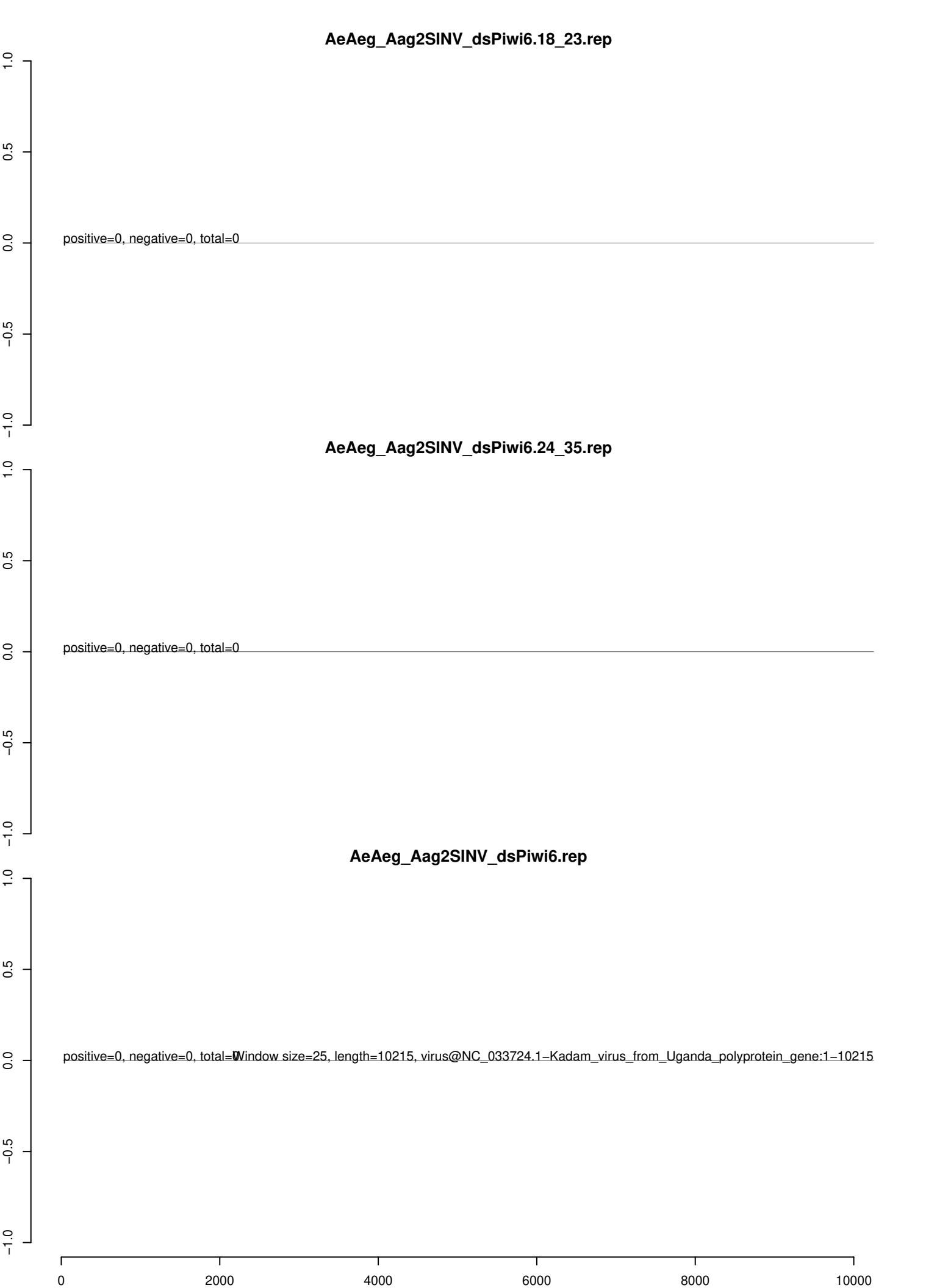
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positive=0, negative=0, total=0
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positive=0, negative=0, total=0
Window size=25, length=10215, virus@NC_033724.1−Kadam_virus_from_Uganda_polyprotein_gene:1−10215
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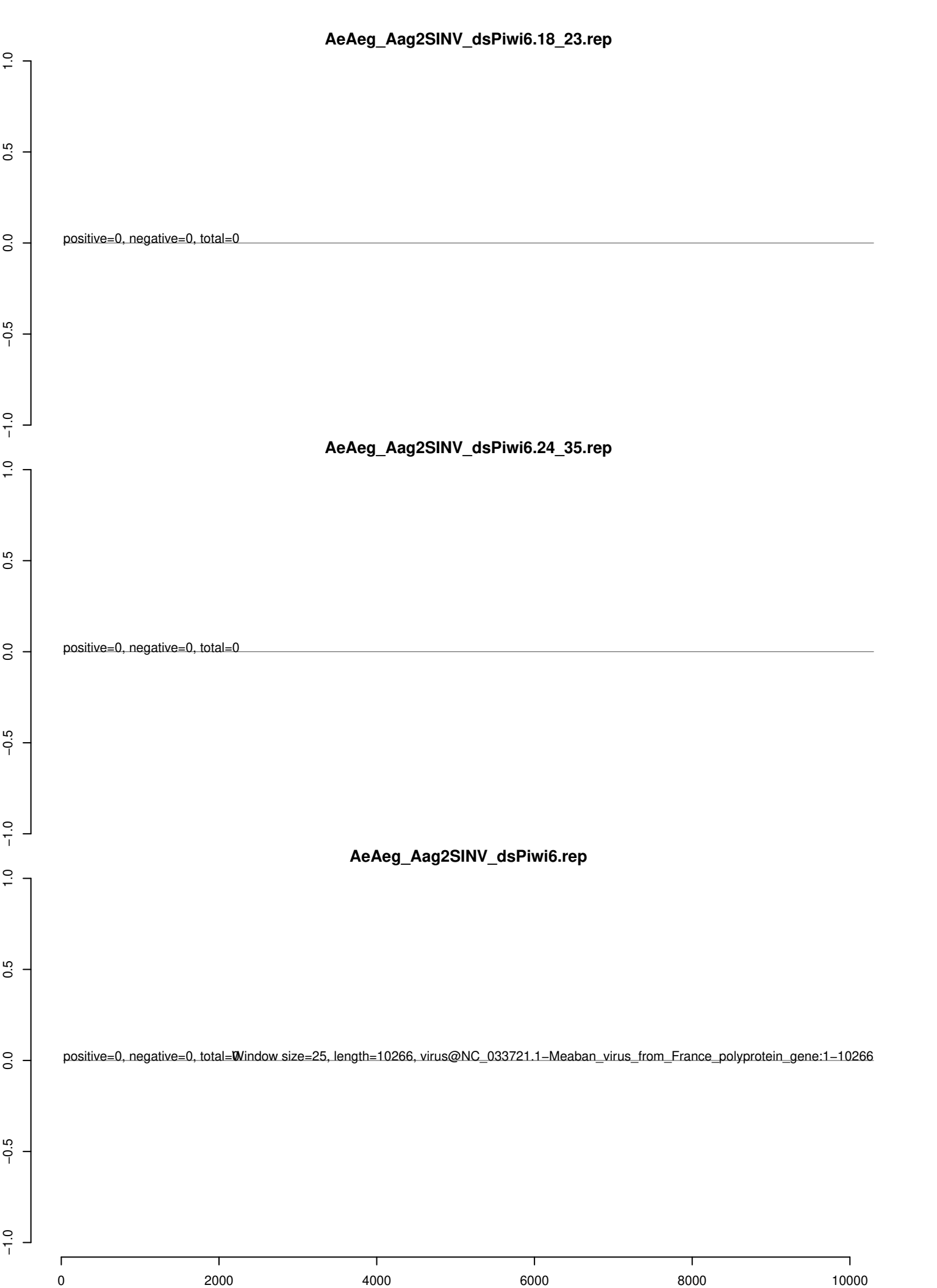
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positive=0, negative=0, total=0
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positive=0, negative=0, total=0
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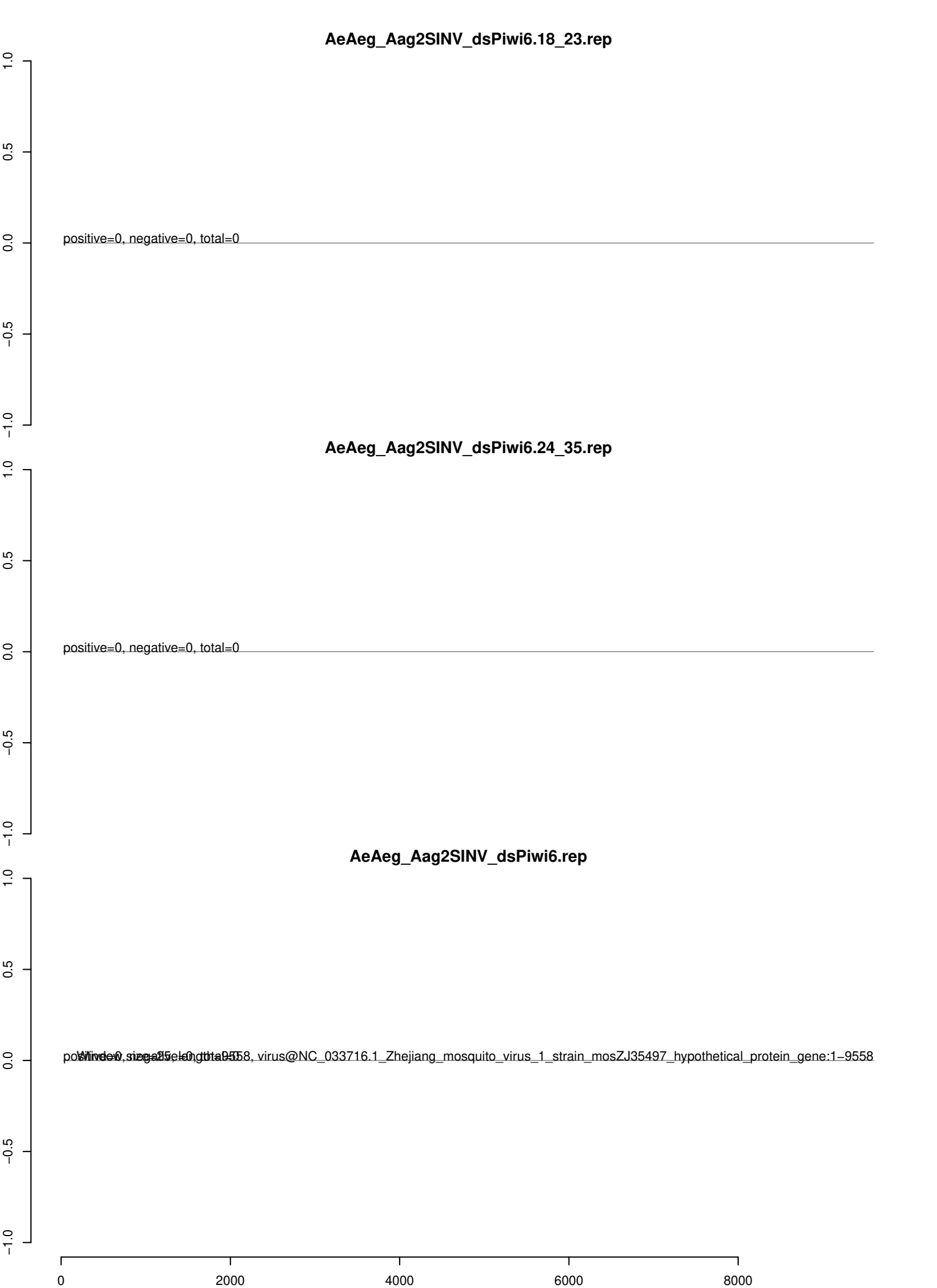
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positive=0, negative=0, total=0
virus@NC_033716.1_Zhejiang_mosquito_virus_1_strain_mosZJ35497_hypothetical_protein_gene:1–9558
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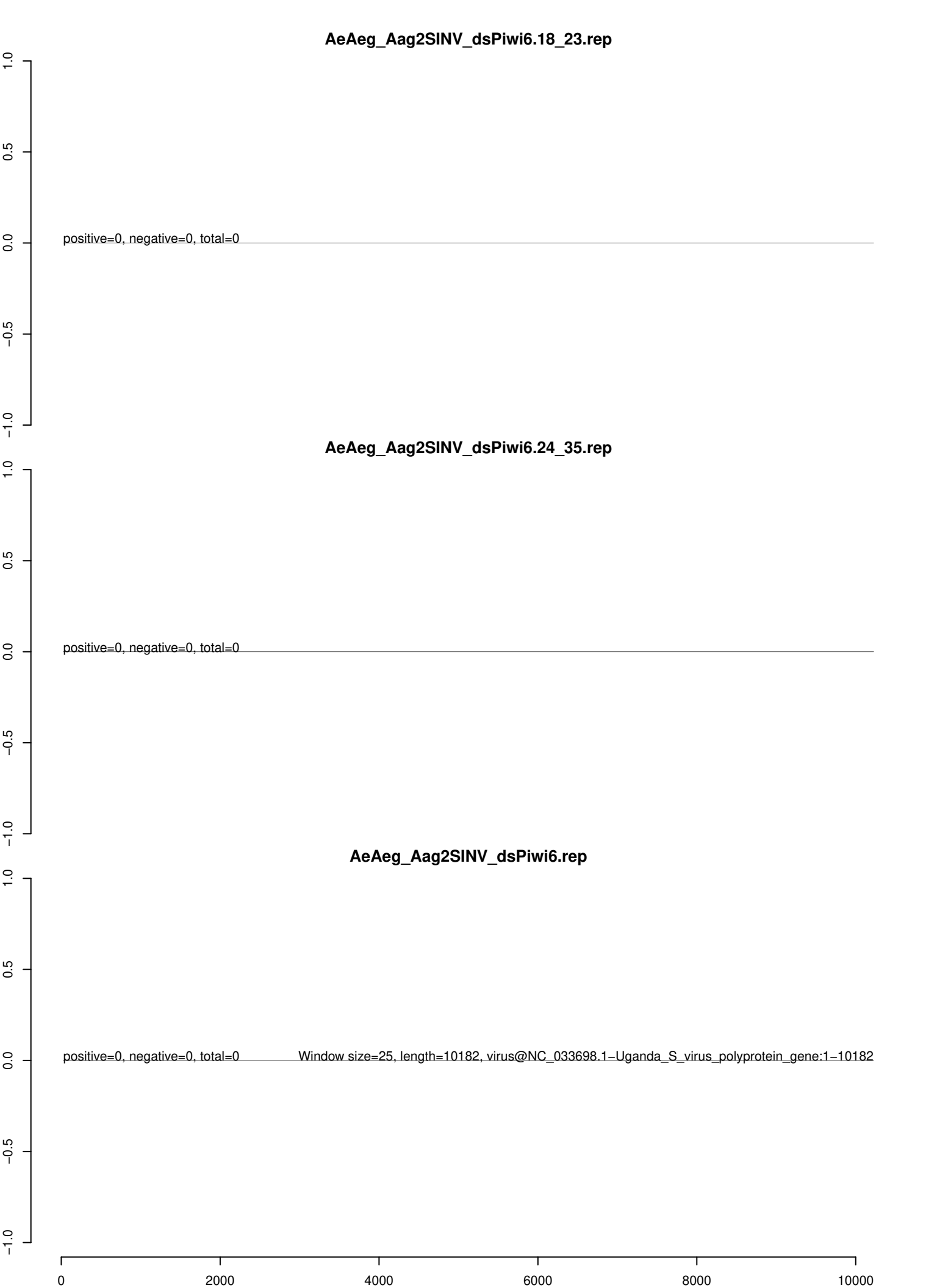
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positive=0, negative=0, total=0
Window size=25, length=10182, virus@NC_033698.1−Uganda_S_virus_polyprotein_gene:1−10182
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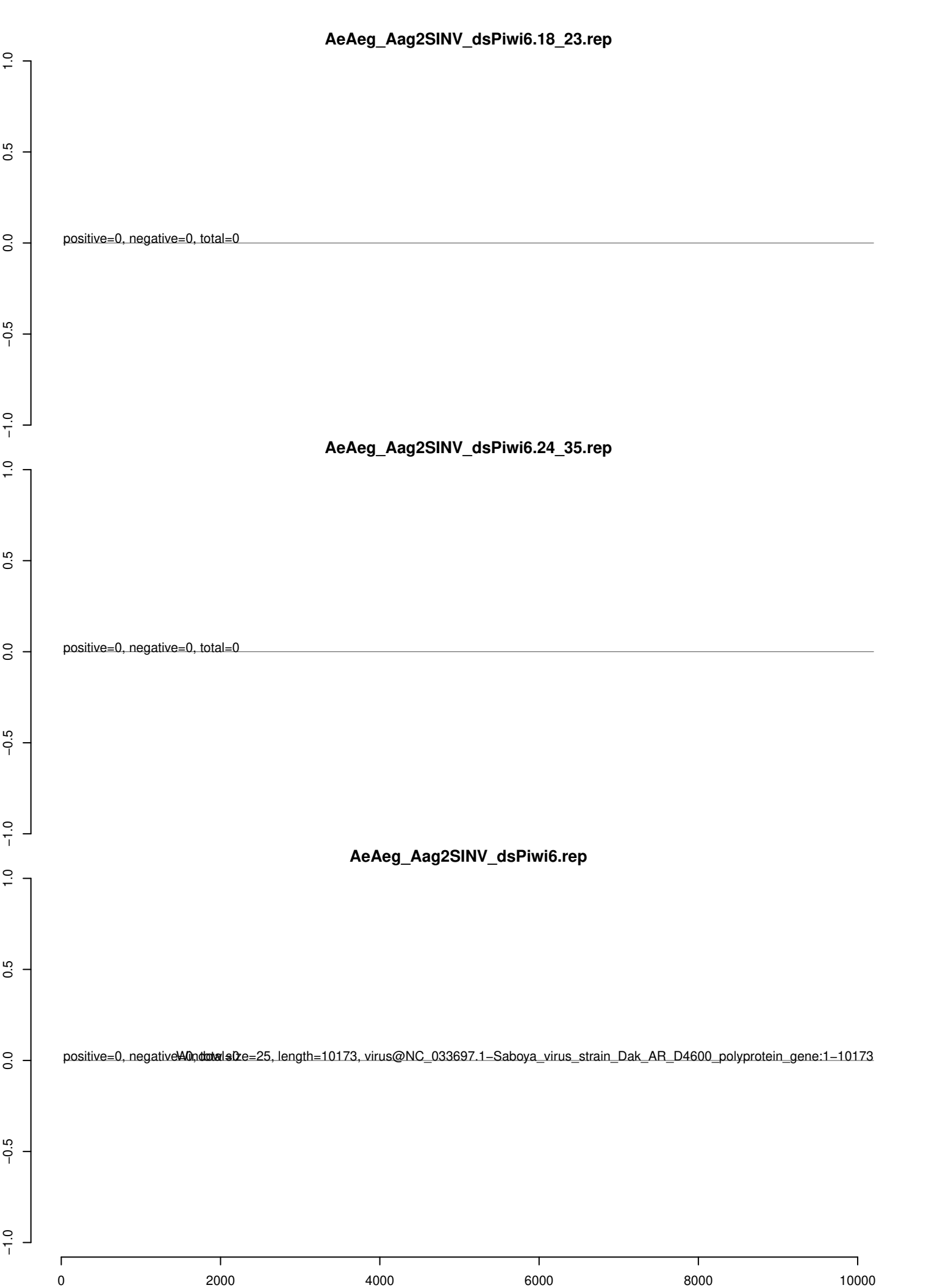
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positive=0, negative=0, total=0
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positive=0, negative=0, total=0
window size=25, length=10173, virus@NC_033697.1−Saboya_virus_strain_Dak_AR_D4600_polyprotein_gene:1−10173
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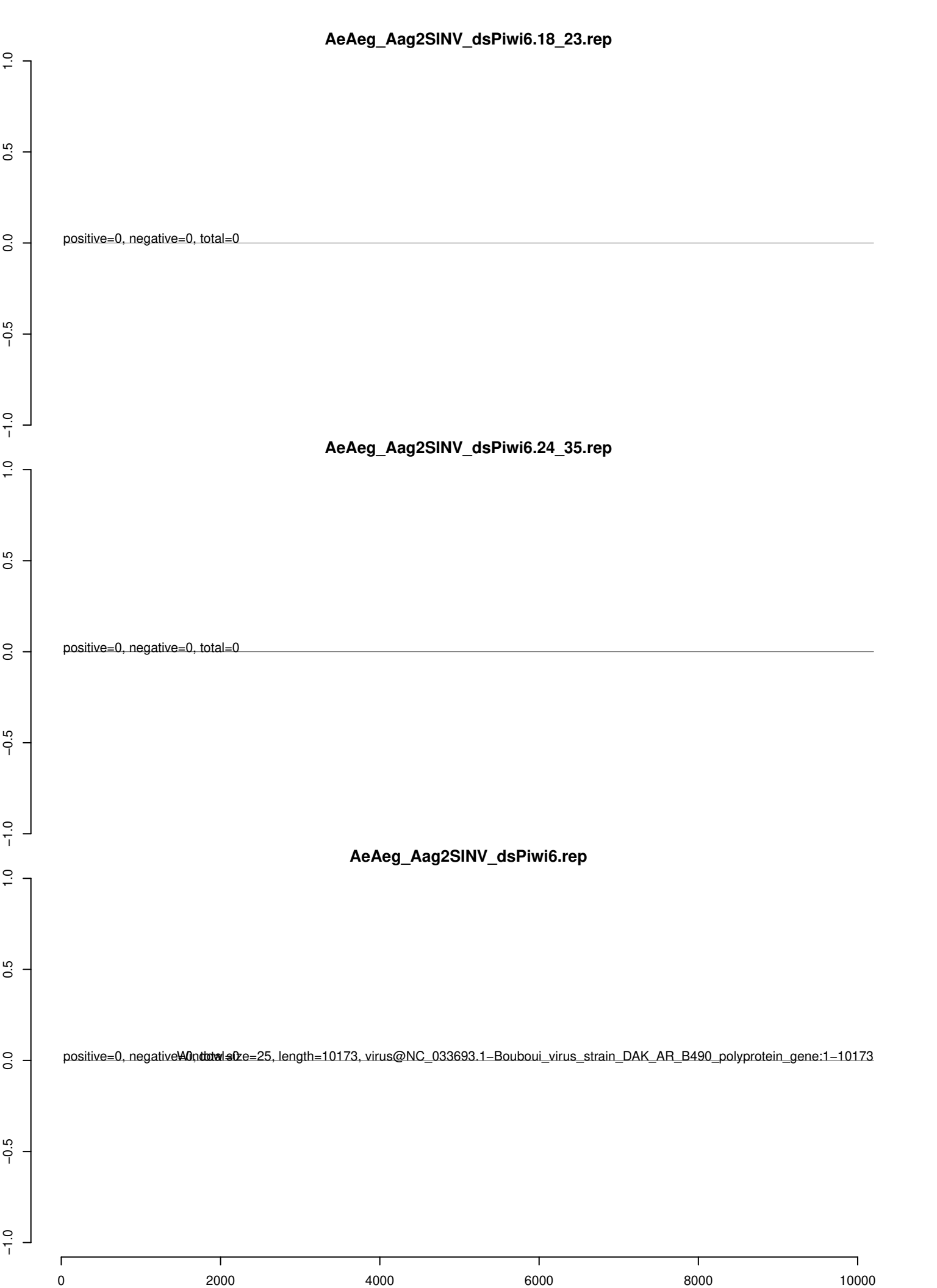
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positive=0, negative=0, total=0
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window size=25, length=10173, virus@NC_033693.1−Bouboui_virus_strain_DAK_AR_B490_polyprotein_gene:1−10173
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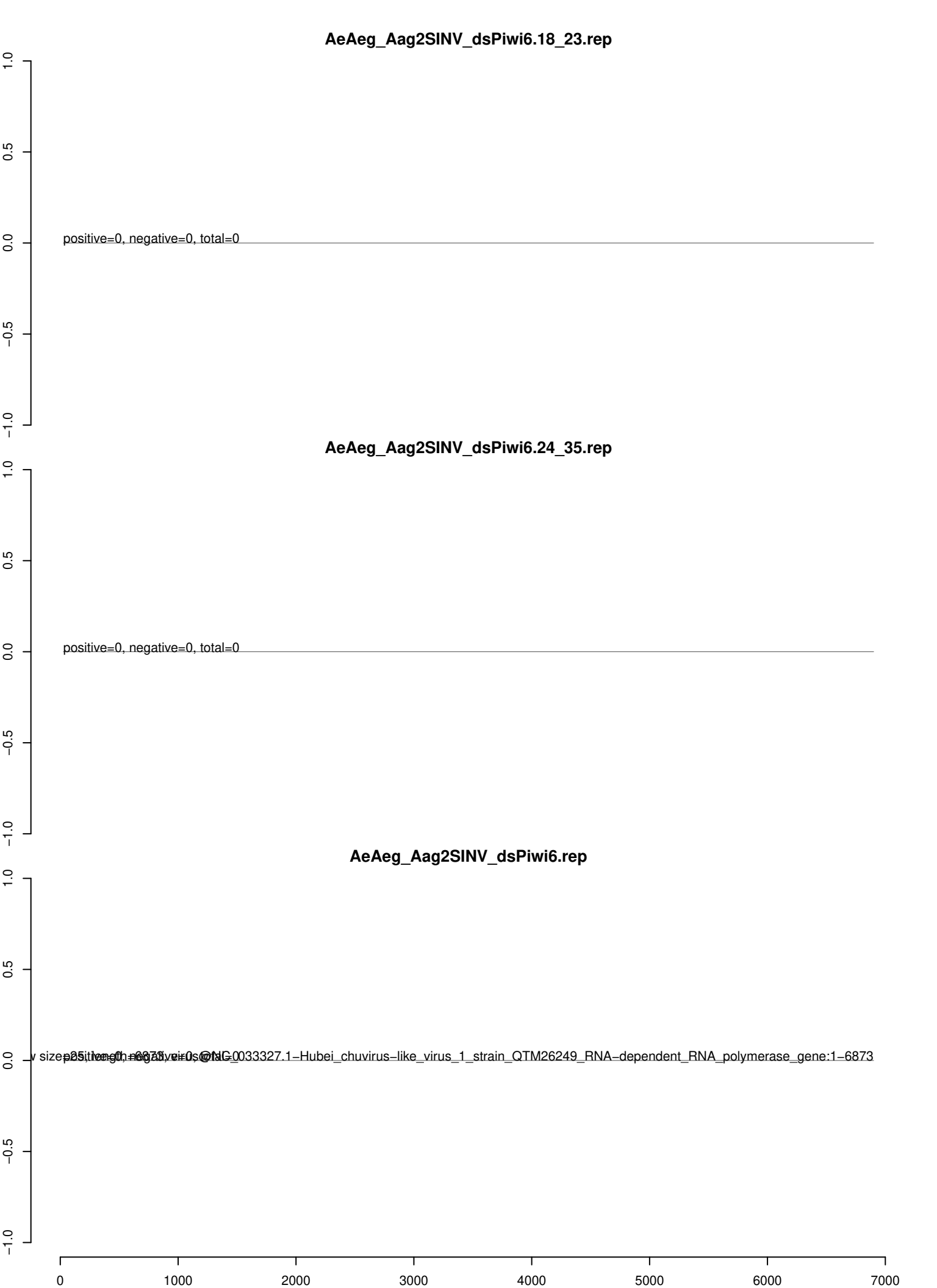
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v size=25, length=6873, vi=0, ONG=0
positive=0, negative=0, total=0
033327.1−Hubei_chuvirus−like_virus_1_strain_QTM26249_RNA−dependent_RNA_polymerase_gene:1−6873
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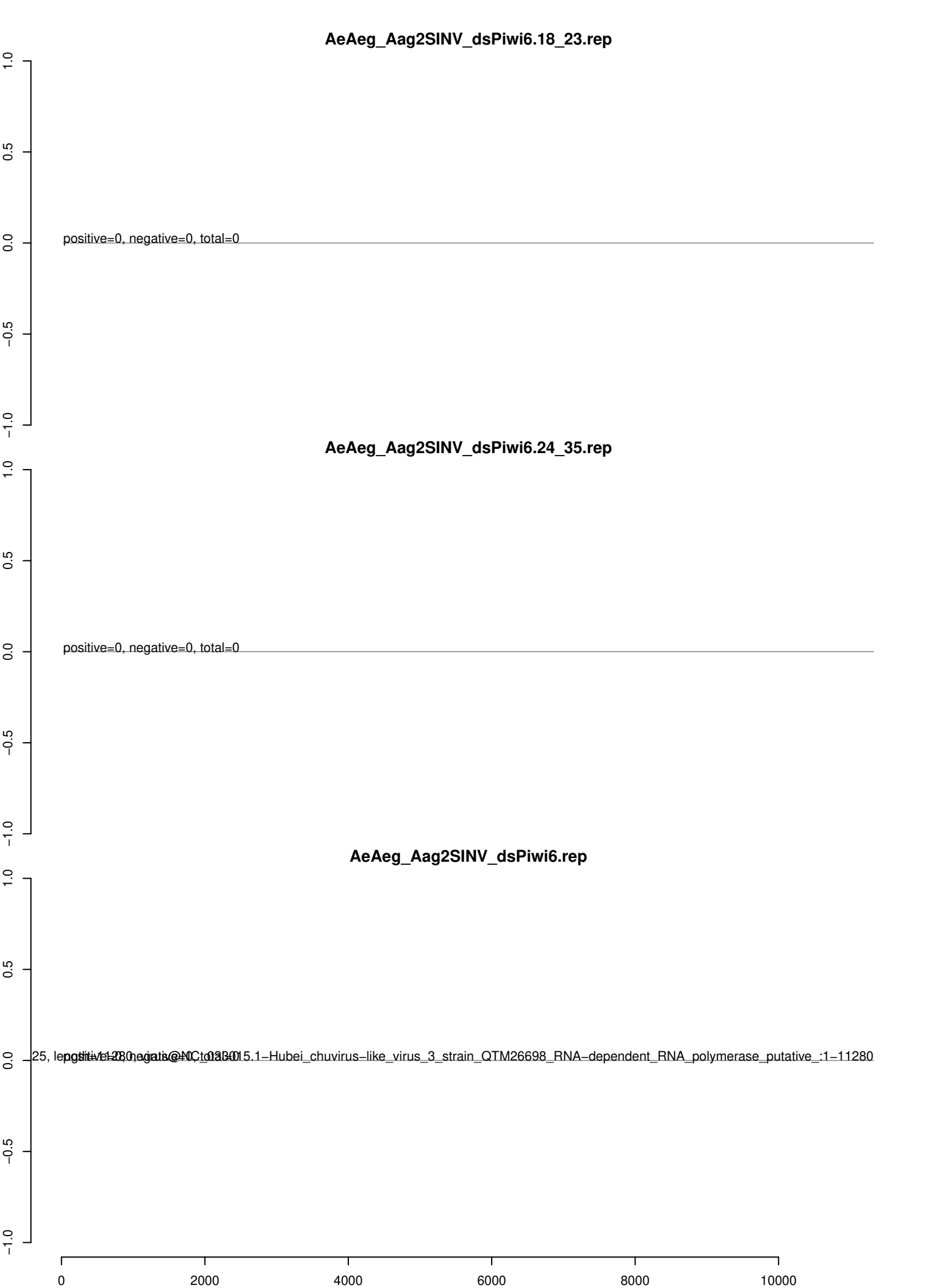
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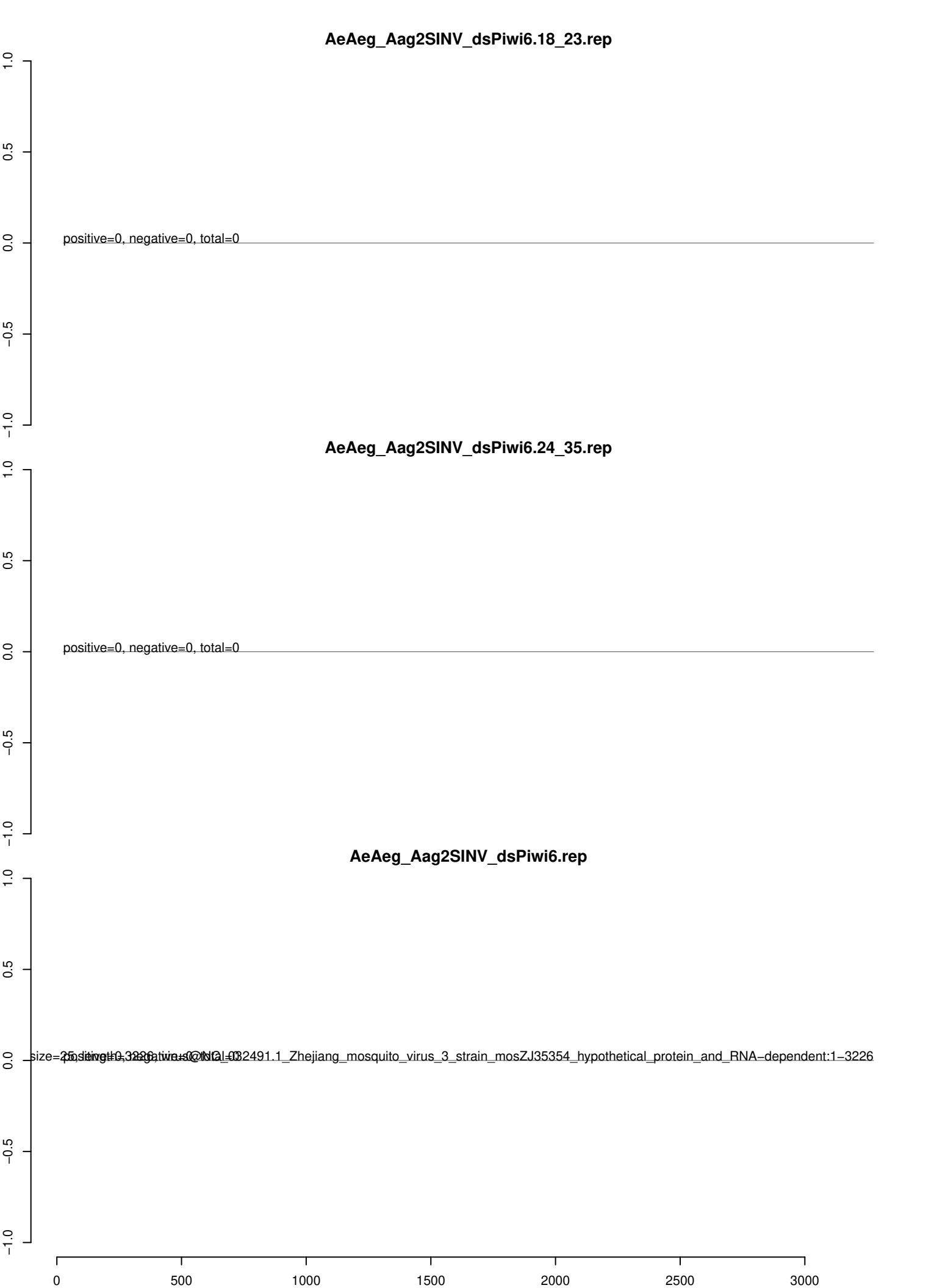
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2491.1_Zhejiang_mosquito_virus_3_strain_mosZJ35354_hypothetical_protein_and_RNA-dependent:1-3226
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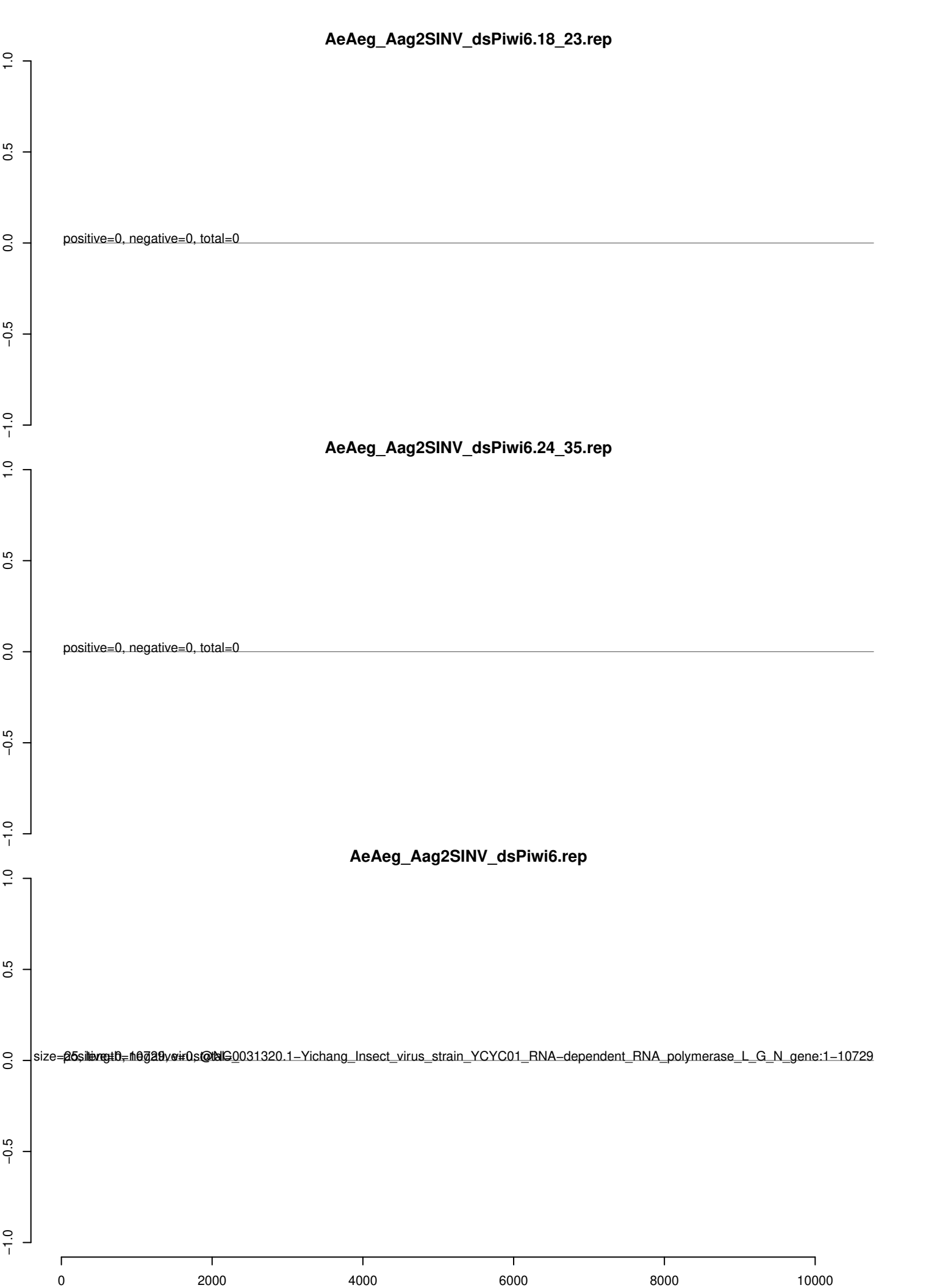
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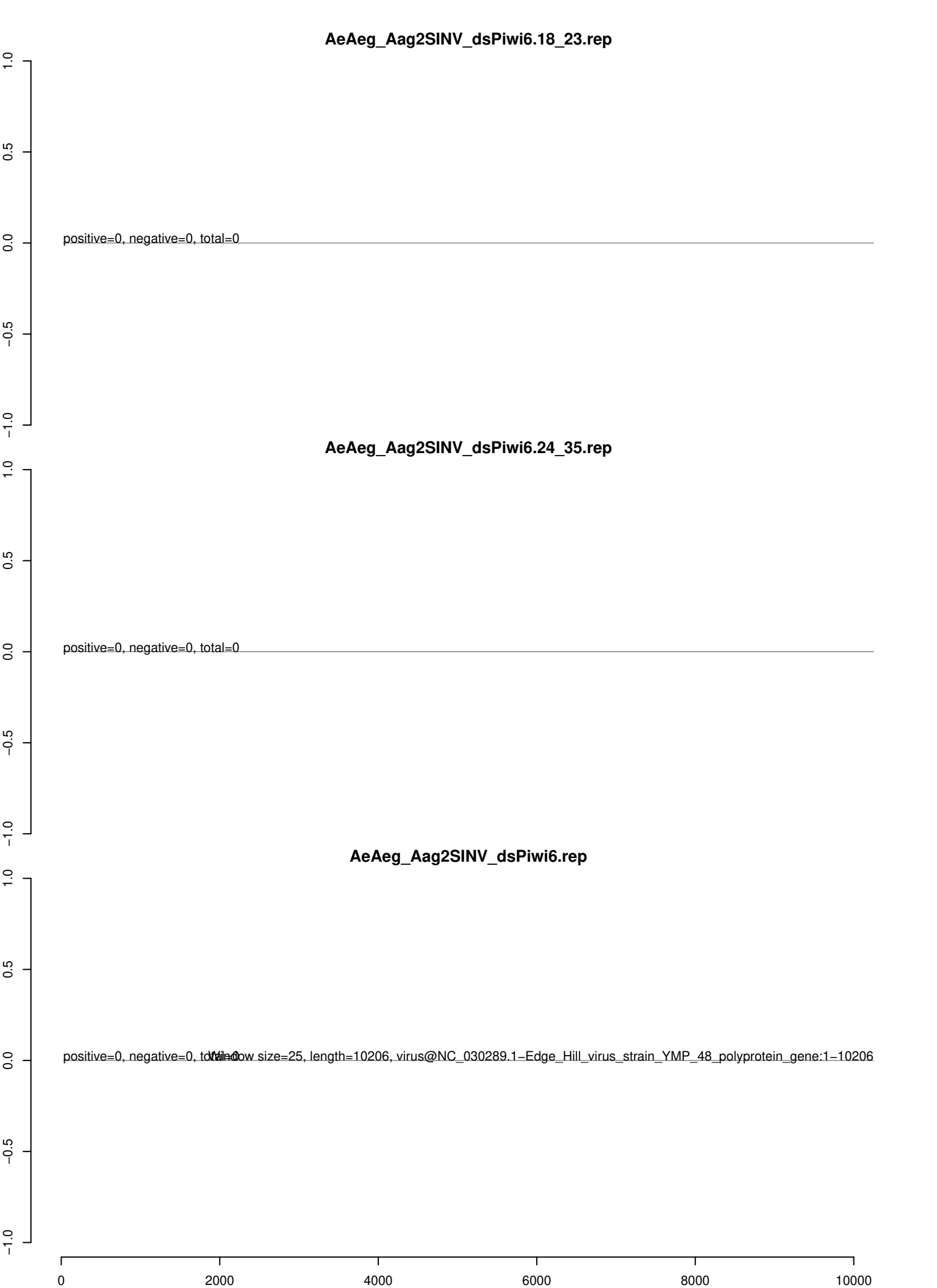
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positive=0, negative=0, total=0
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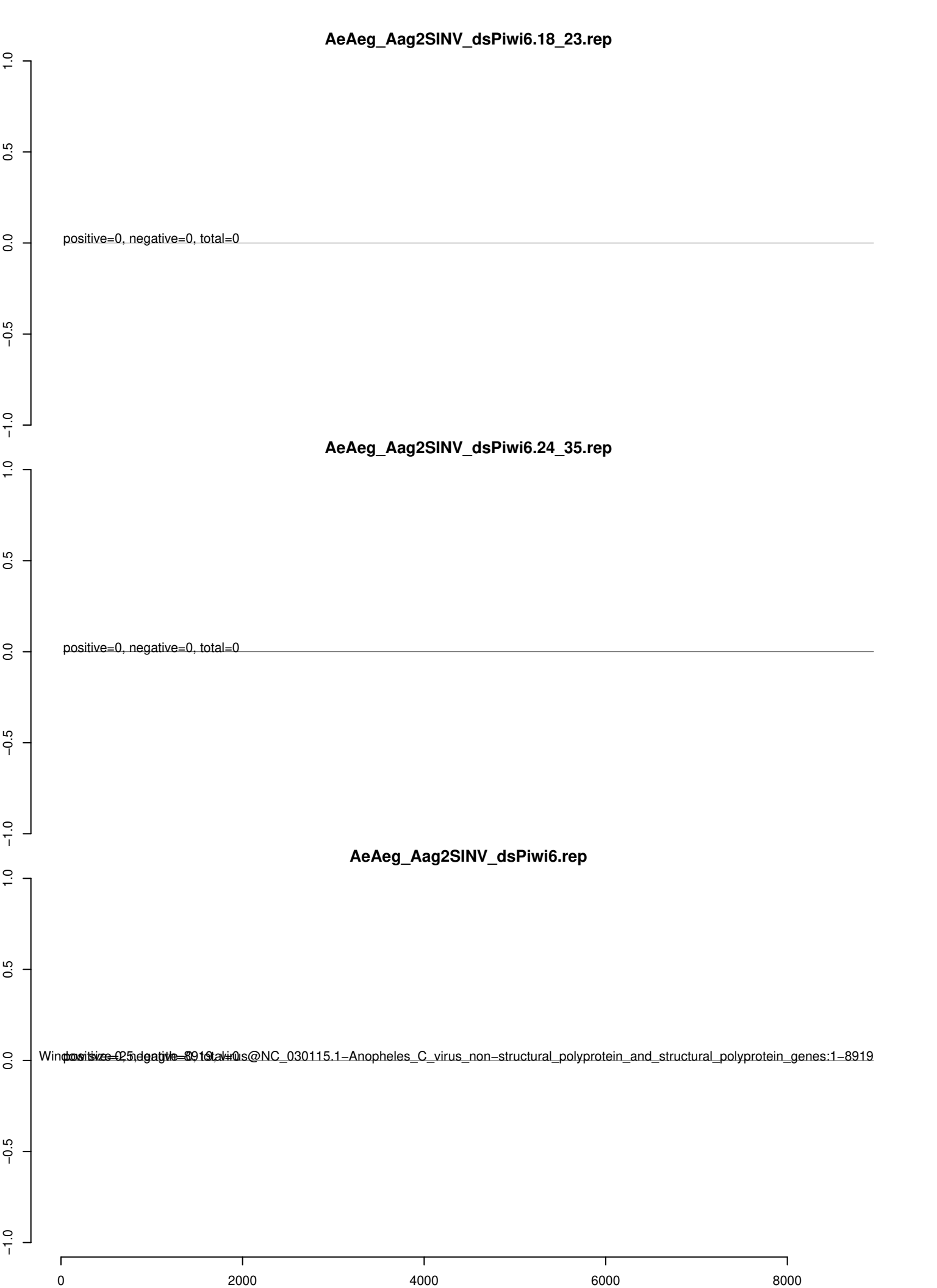
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positive=0, negative=0, total=0
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Window size=25, length=8919, v=0
positive=0, negative=0, total=0
Windows@NC_030115.1−Anopheles_C_virus_non−structural_polyprotein_and_structural_polyprotein_genes:1−8919
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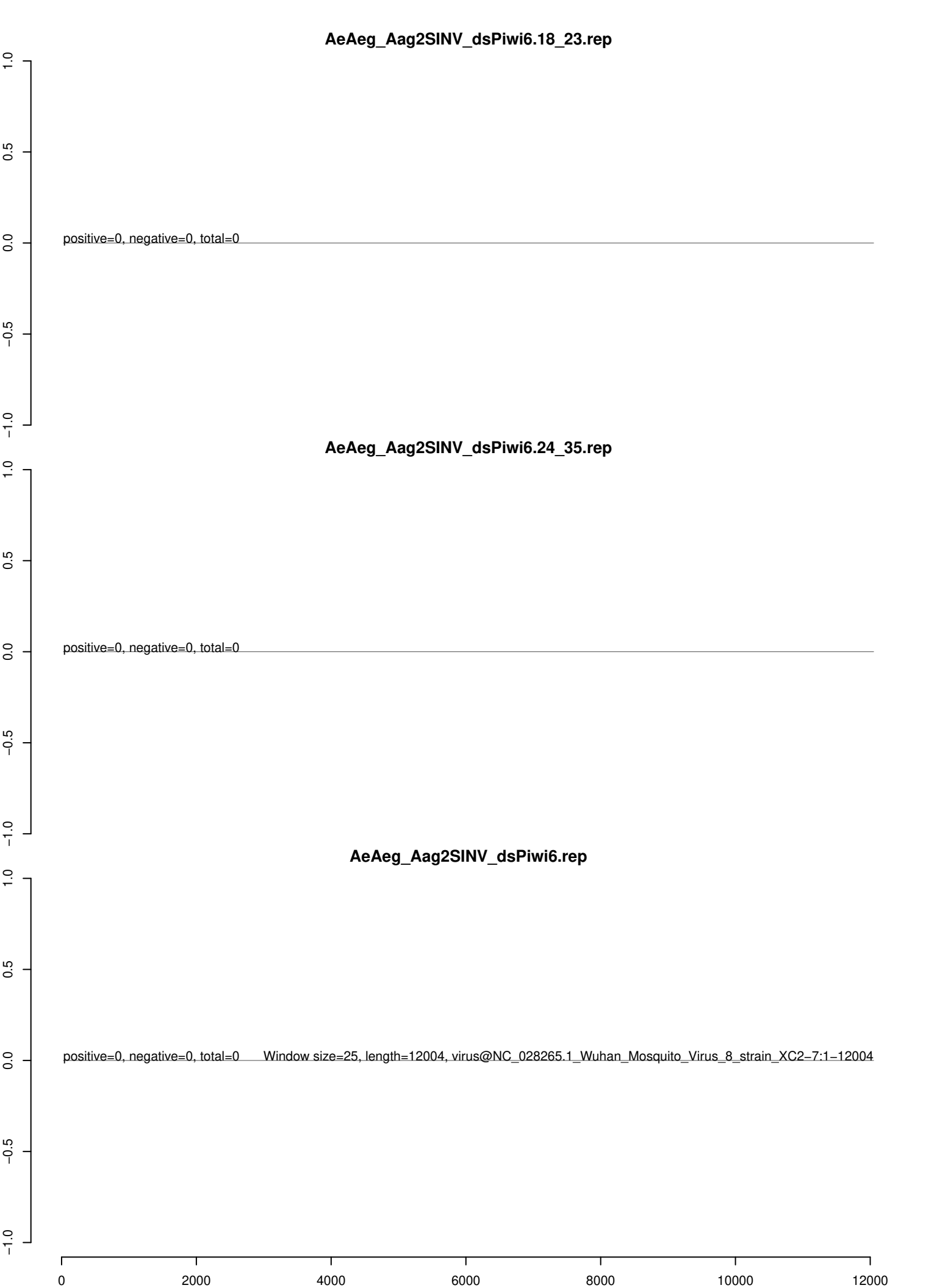
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positive=0, negative=0, total=0
Window size=25, length=12004, virus@NC_028265.1_Wuhan_Mosquito_Virus_8_strain_XC2-7:1-12004
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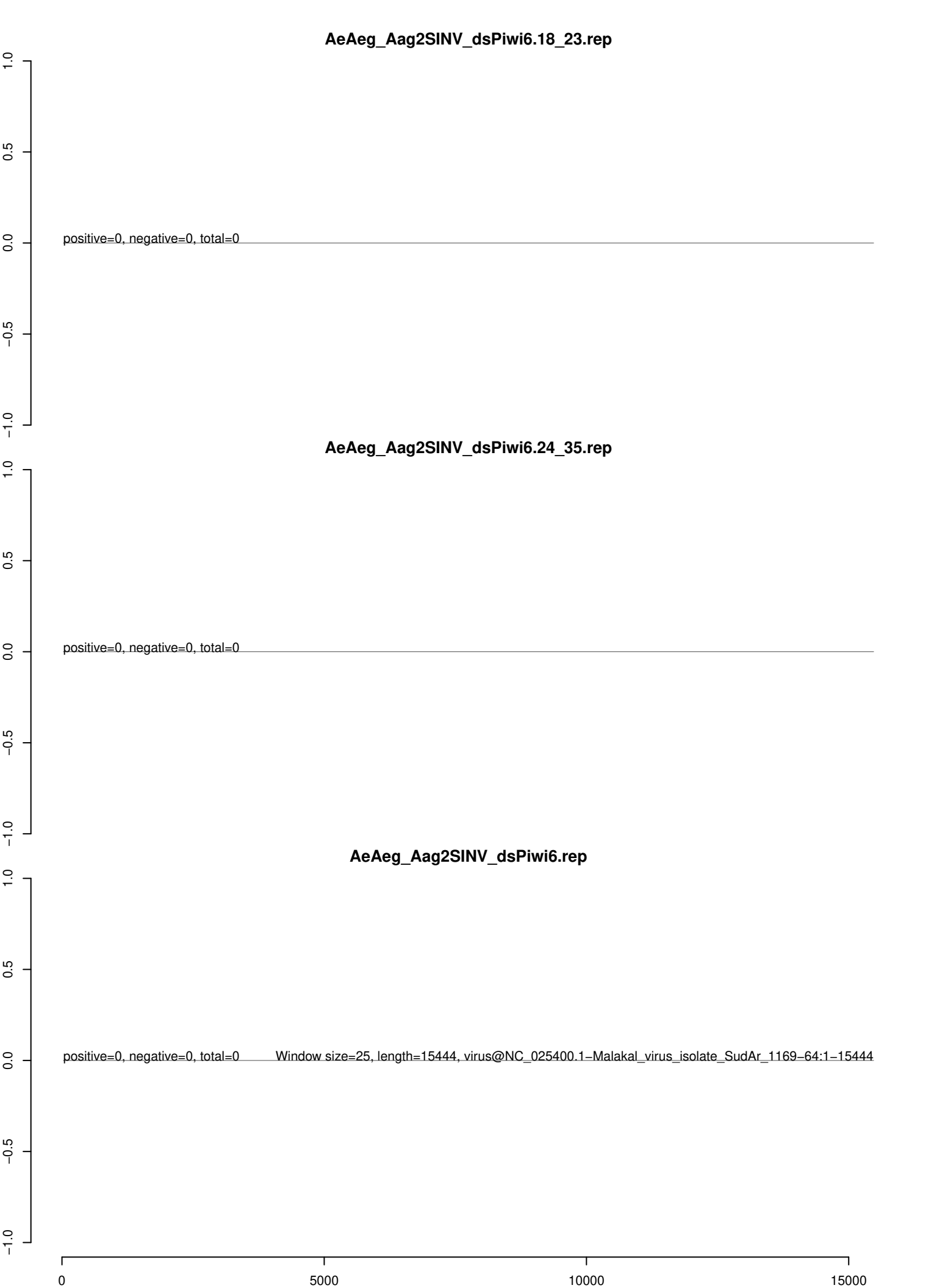
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positive=0, negative=0, total=0
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Window size=25, length=15444, virus@NC_025400.1−Malakal_virus_isolate_SudAr_1169−64:1−15444
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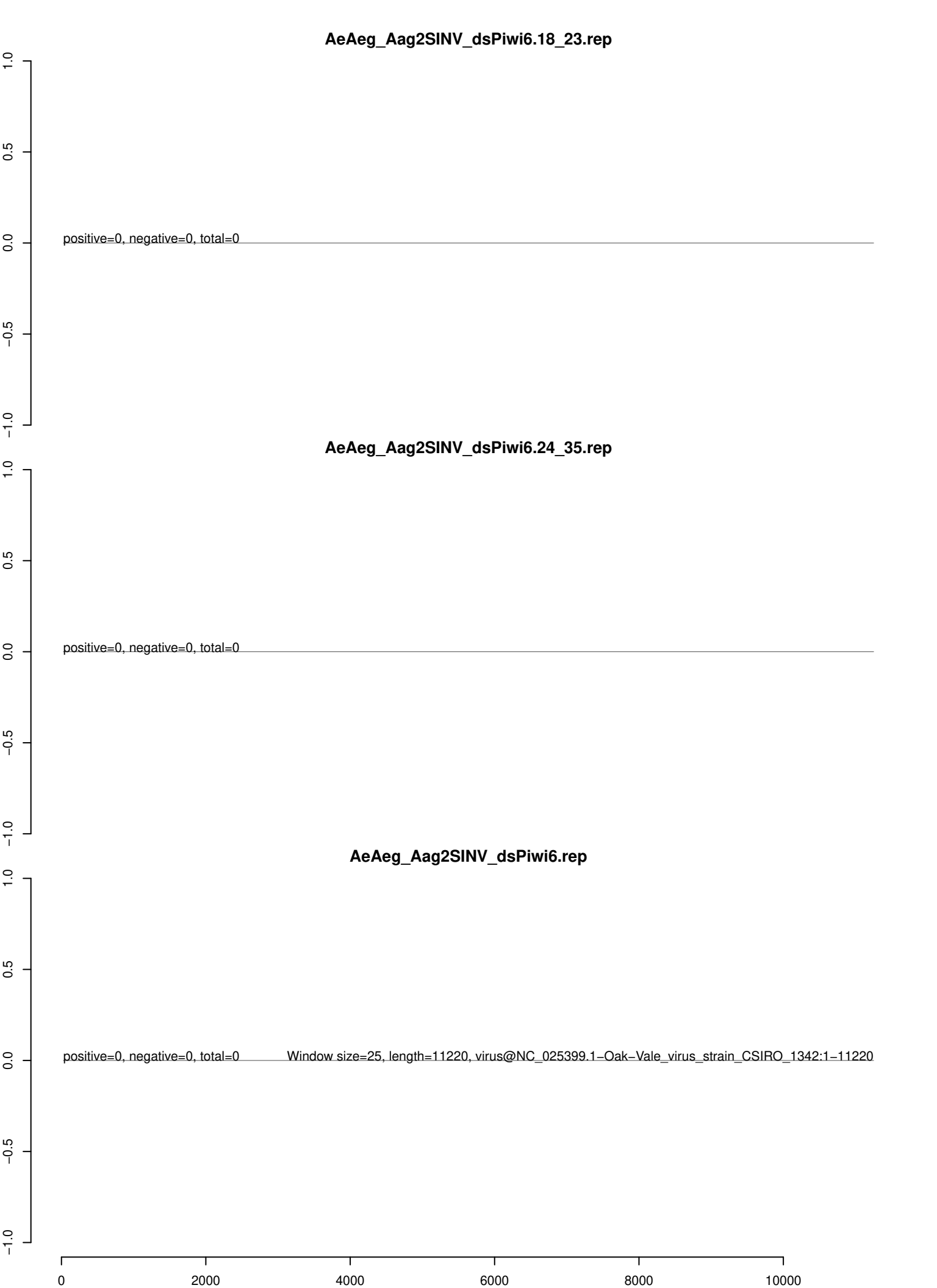
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positive=0, negative=0, total=0
Window size=25, length=11220, virus@NC_025399.1−Oak−Vale_virus_strain_CSIRO_1342:1−11220
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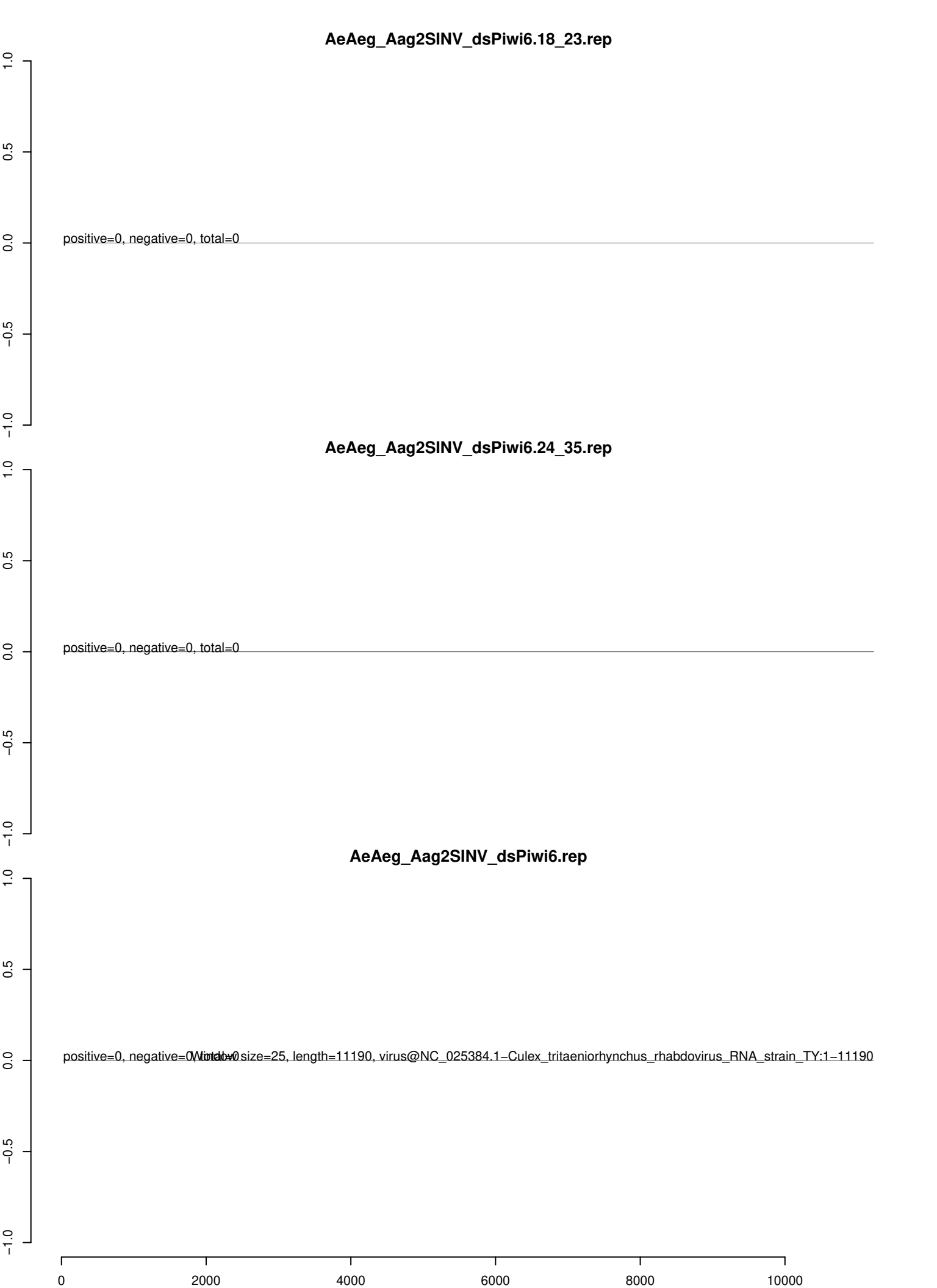
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positive=0, negative=0, total=0
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Window size=25, length=11190, virus@NC_025384.1−Culex_tritaeniorhynchus_rhabdovirus_RNA_strain_TY:1−11190
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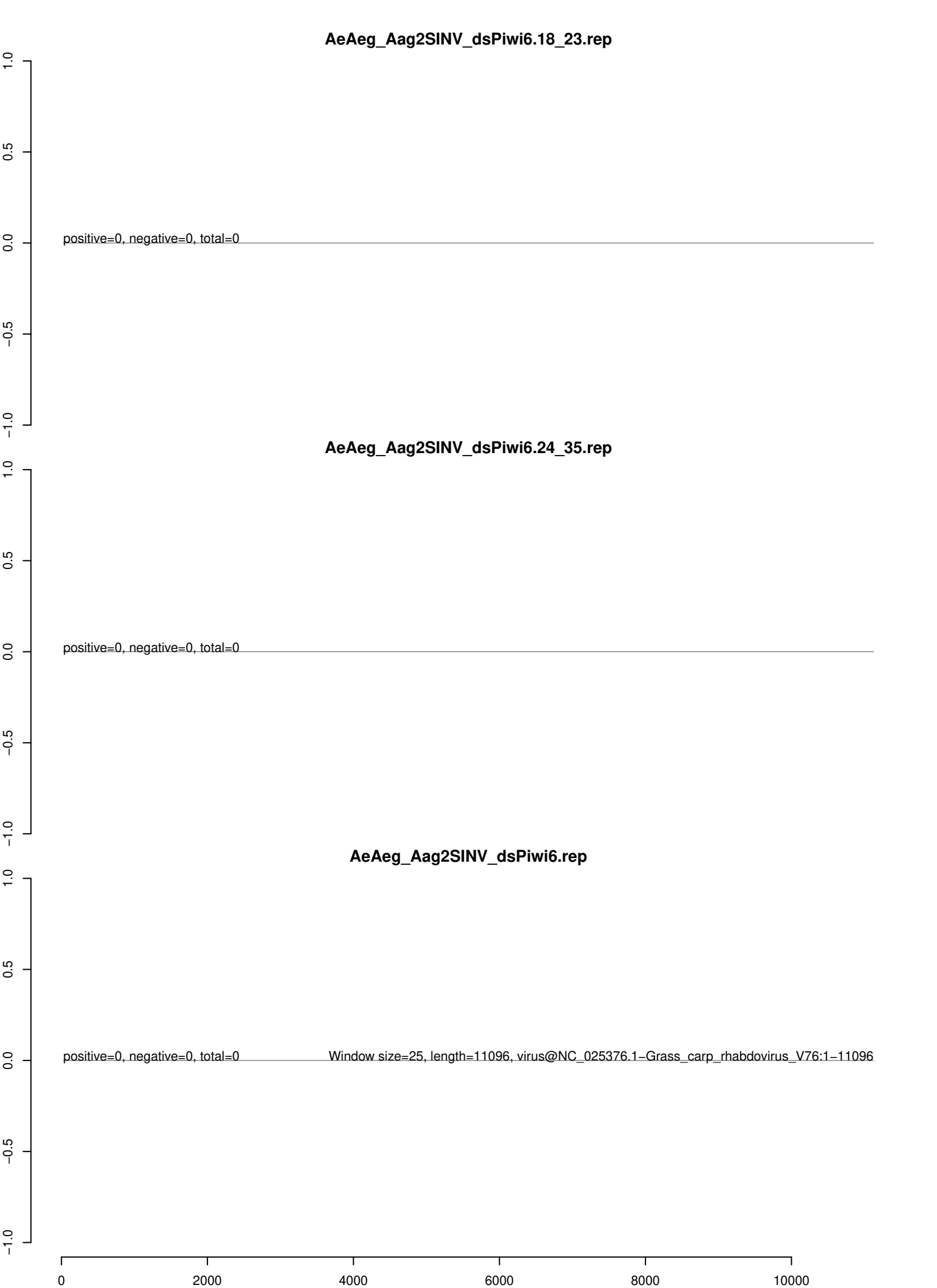
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positive=0, negative=0, total=0
Window size=25, length=11096, virus@NC_025376.1−Grass_carp_rhabdovirus_V76:1−11096
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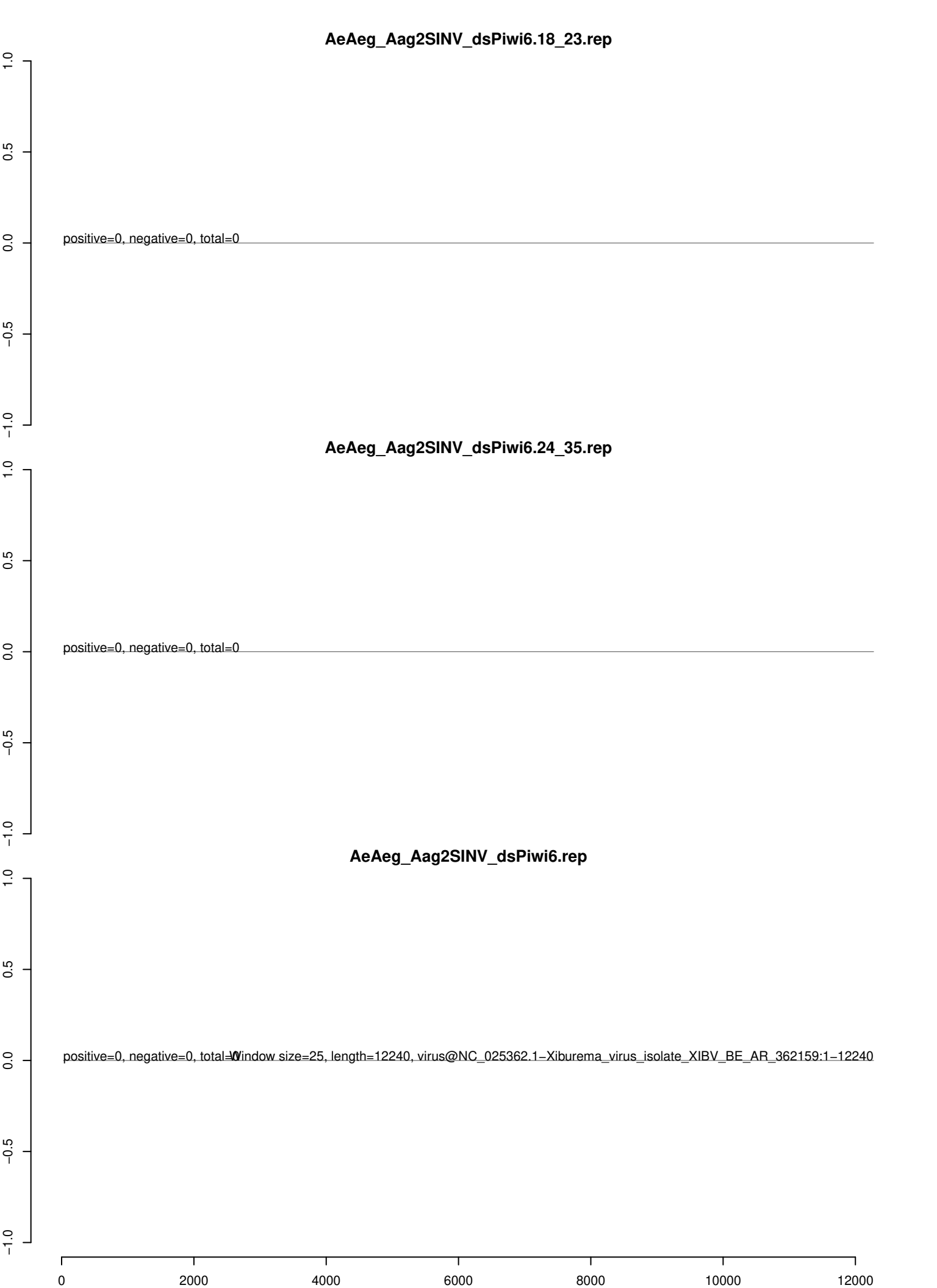
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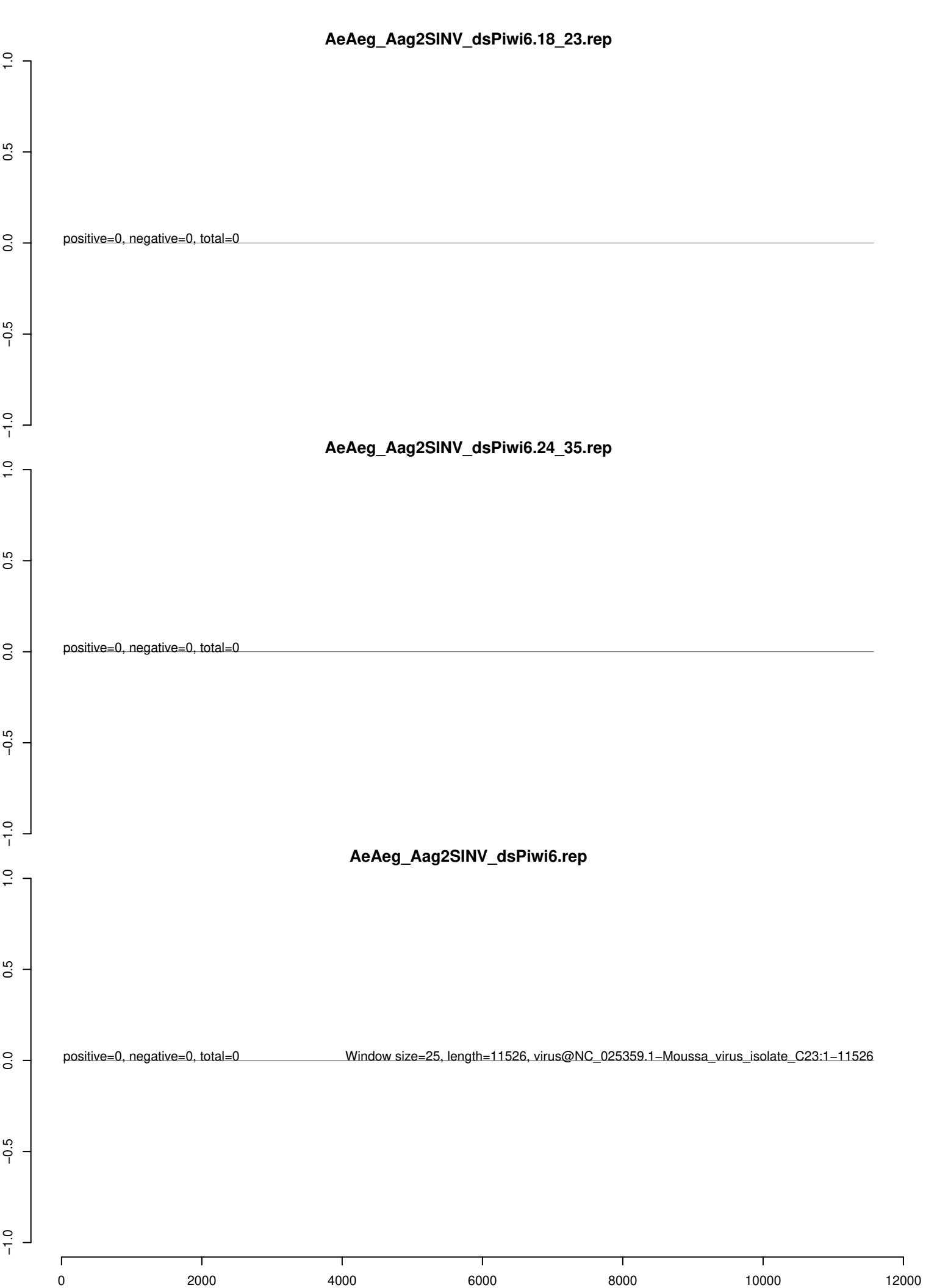
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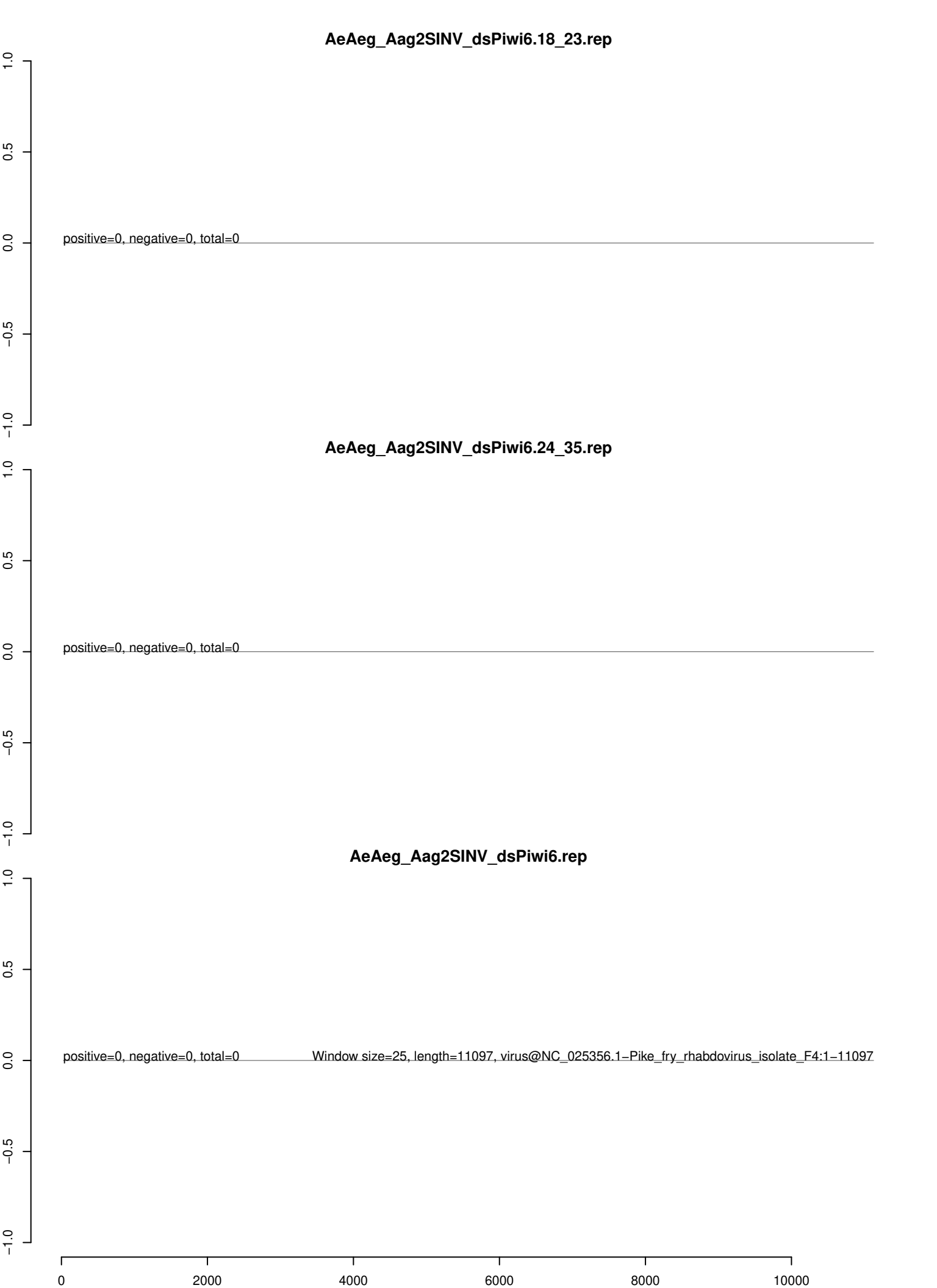
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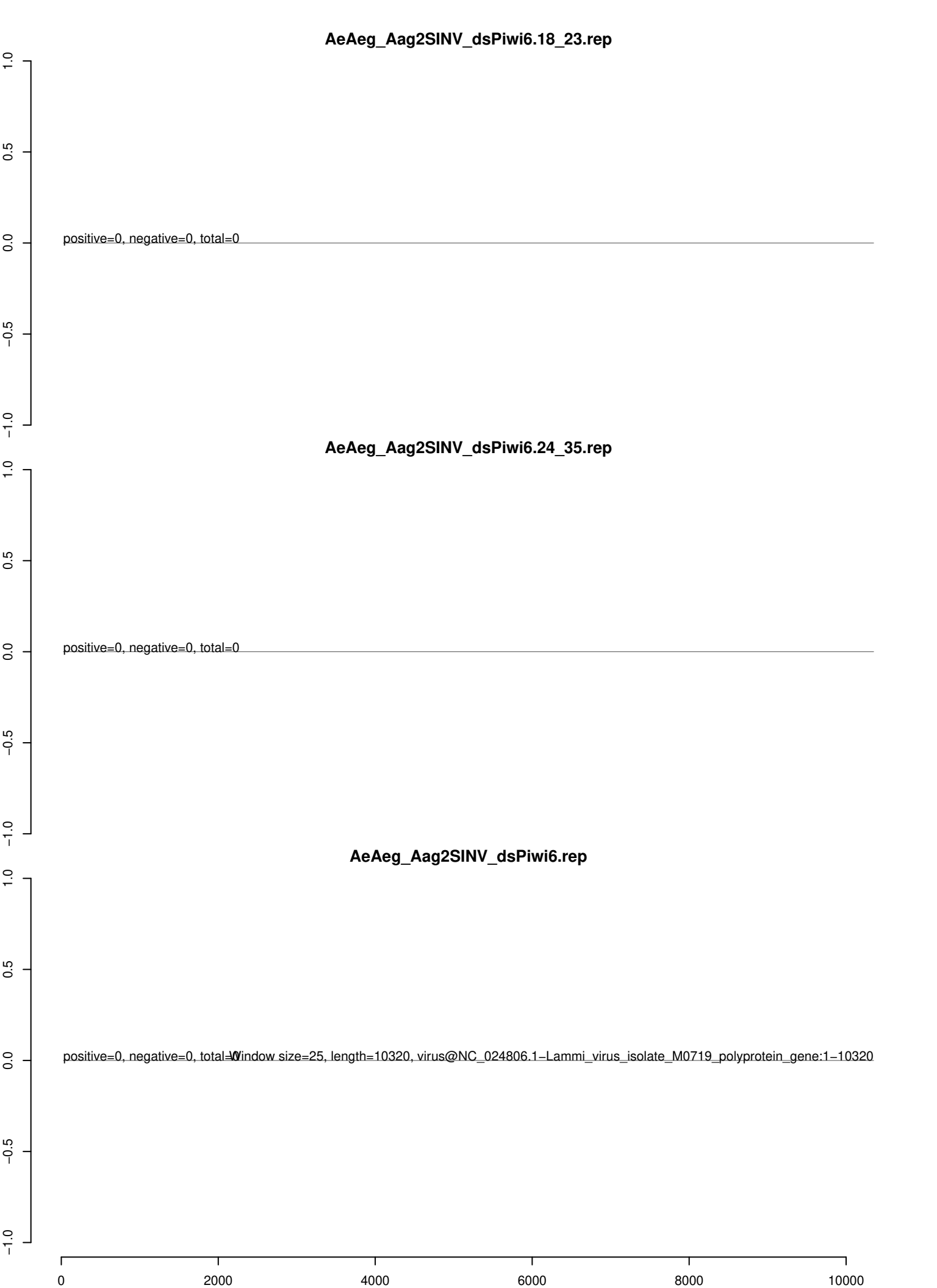
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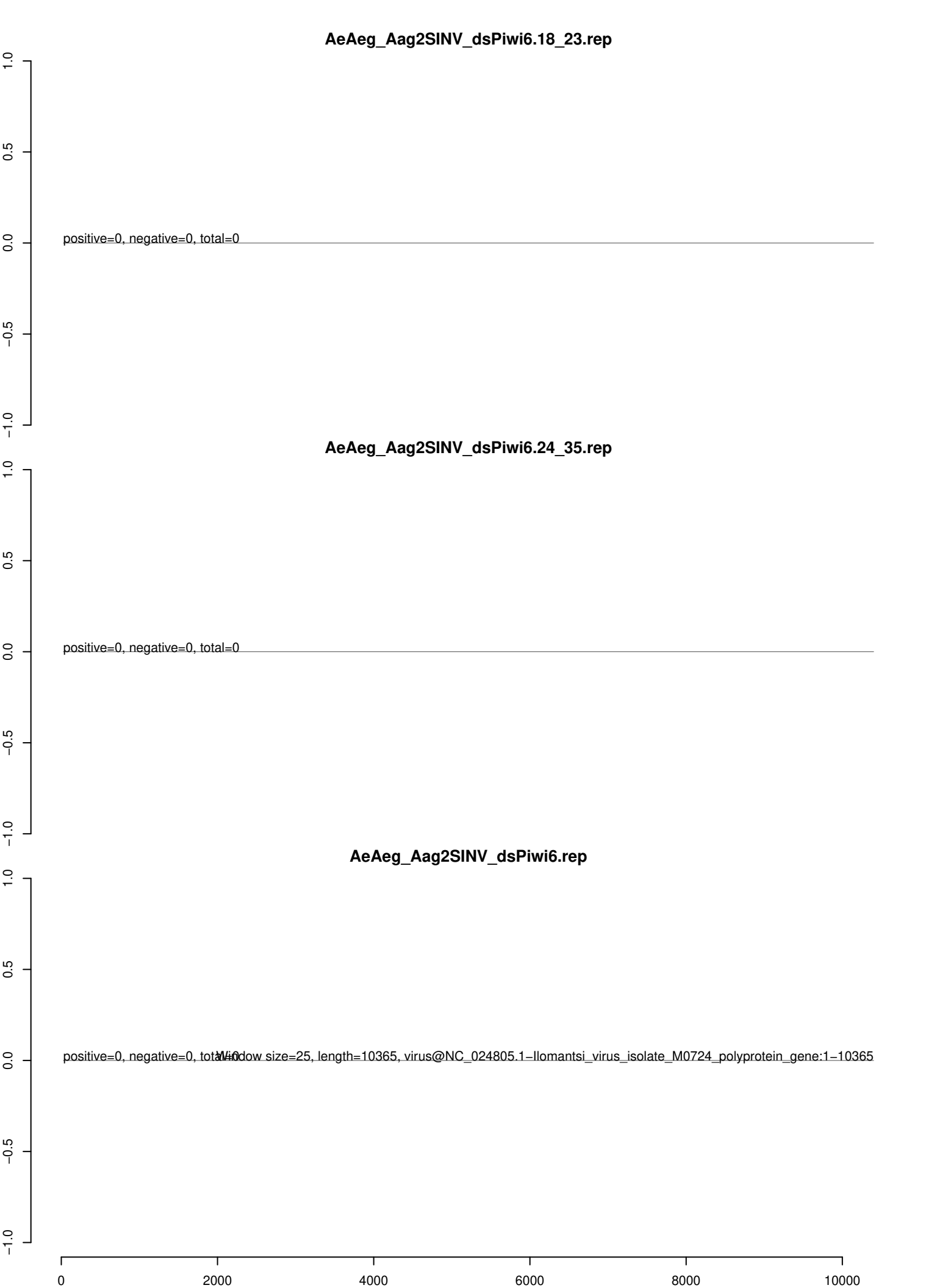
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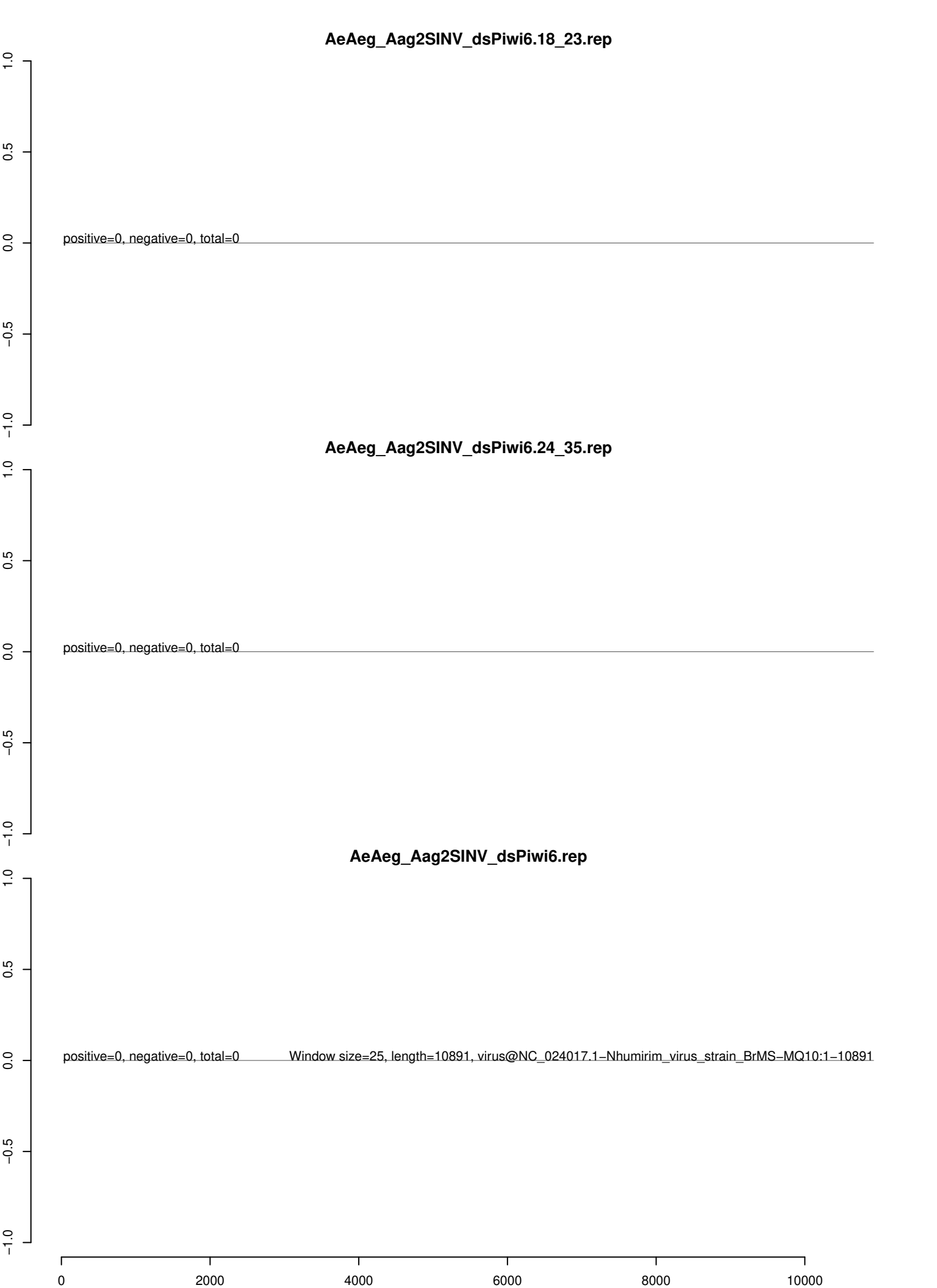
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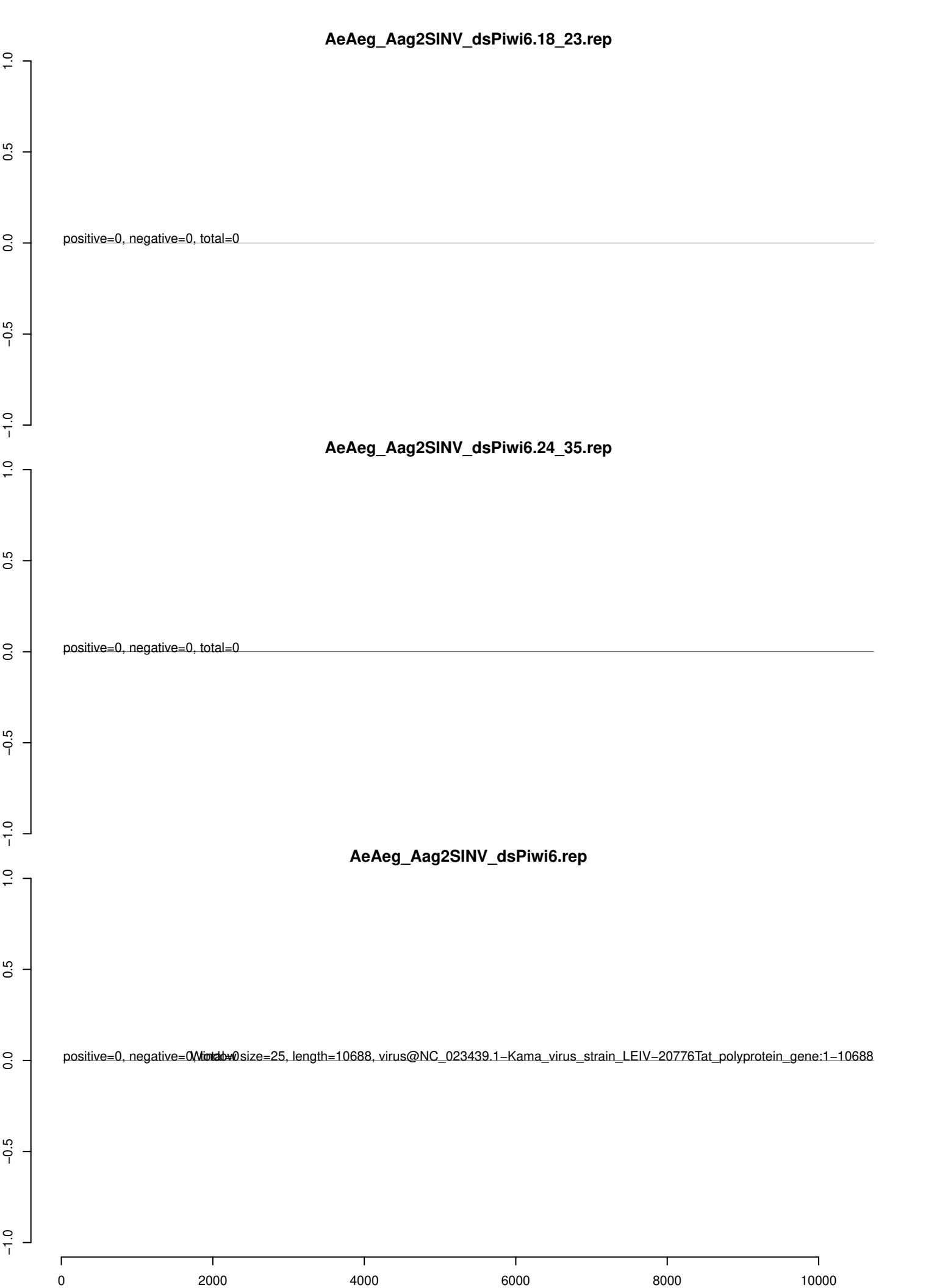
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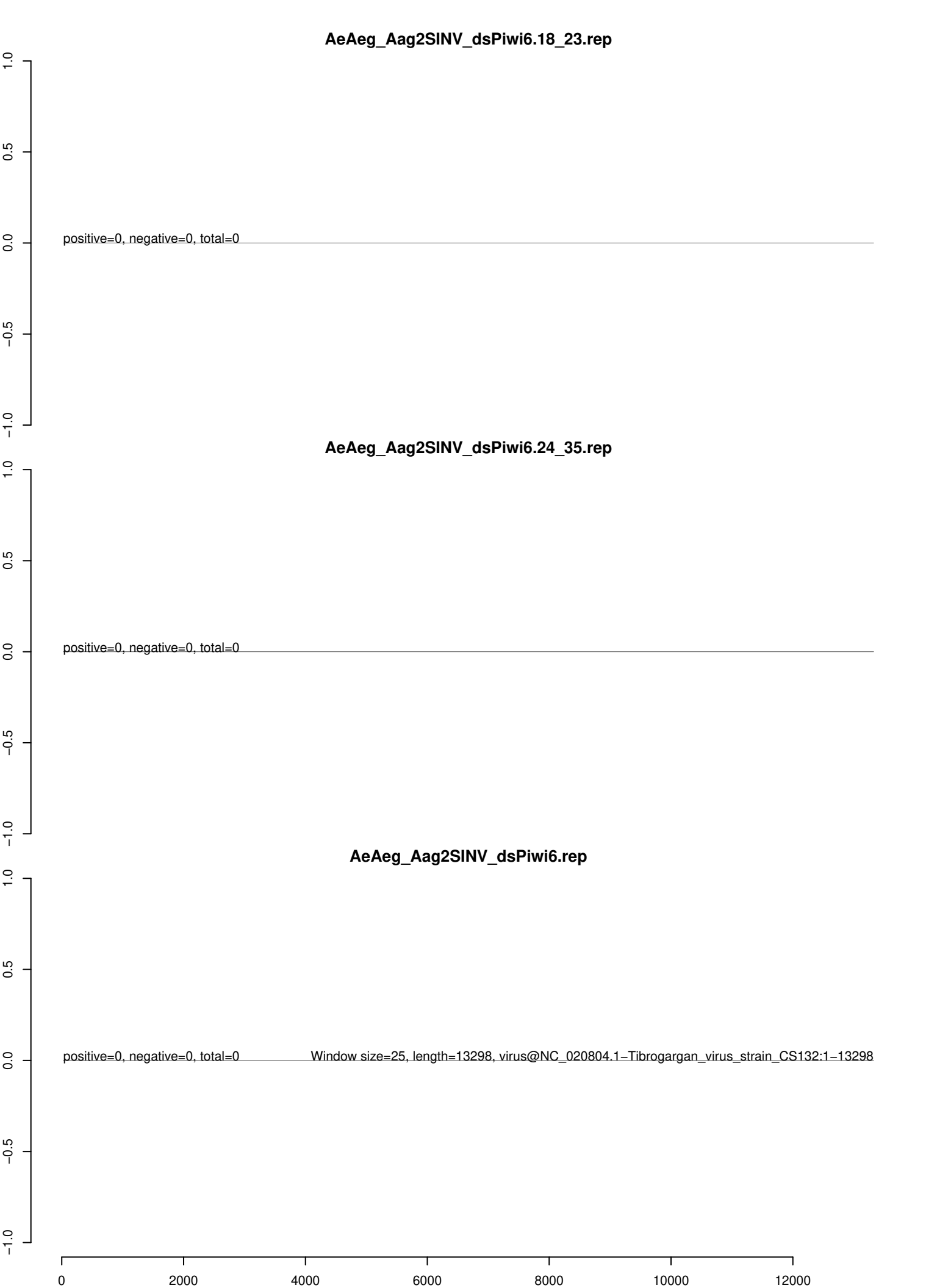
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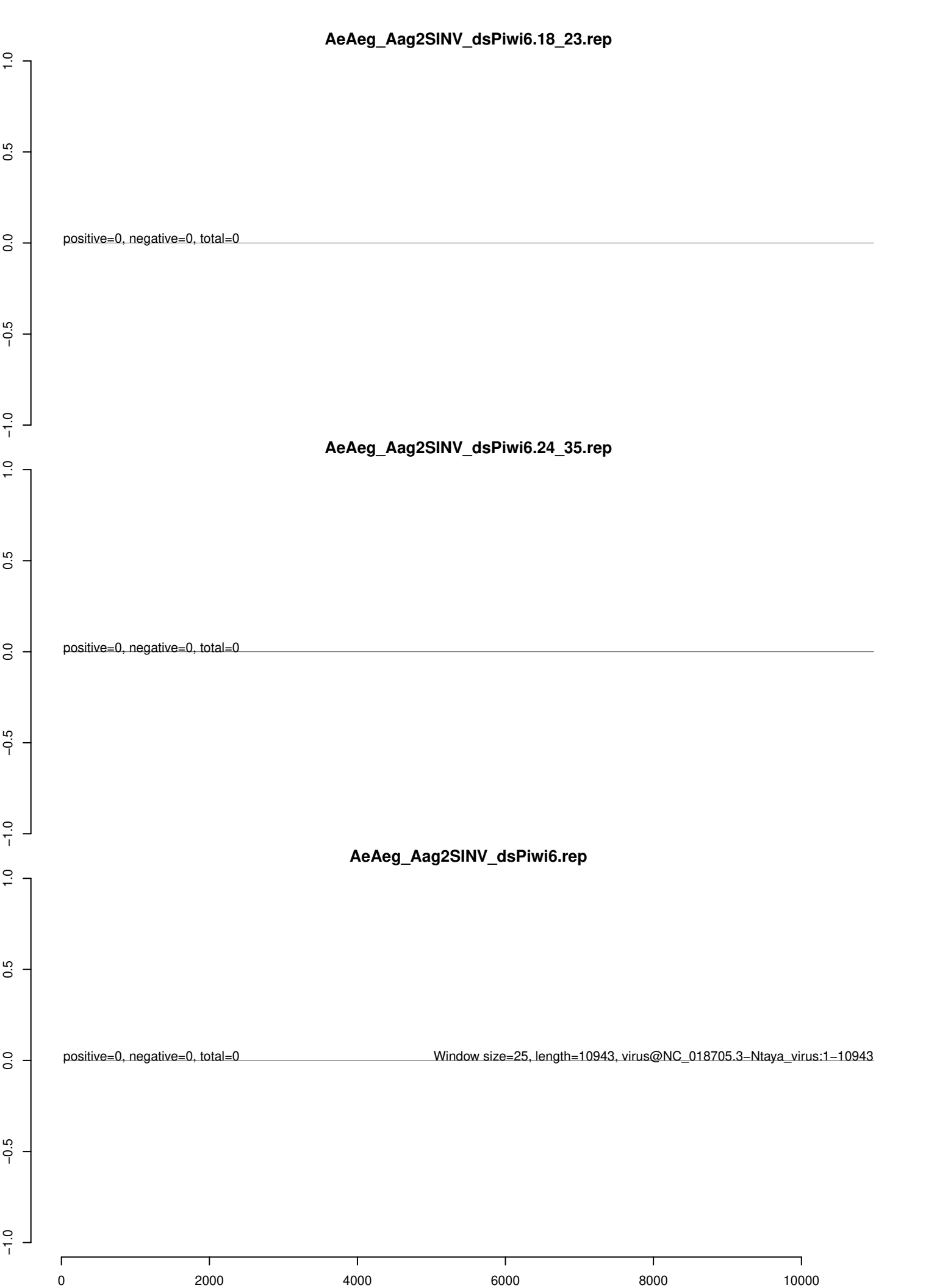
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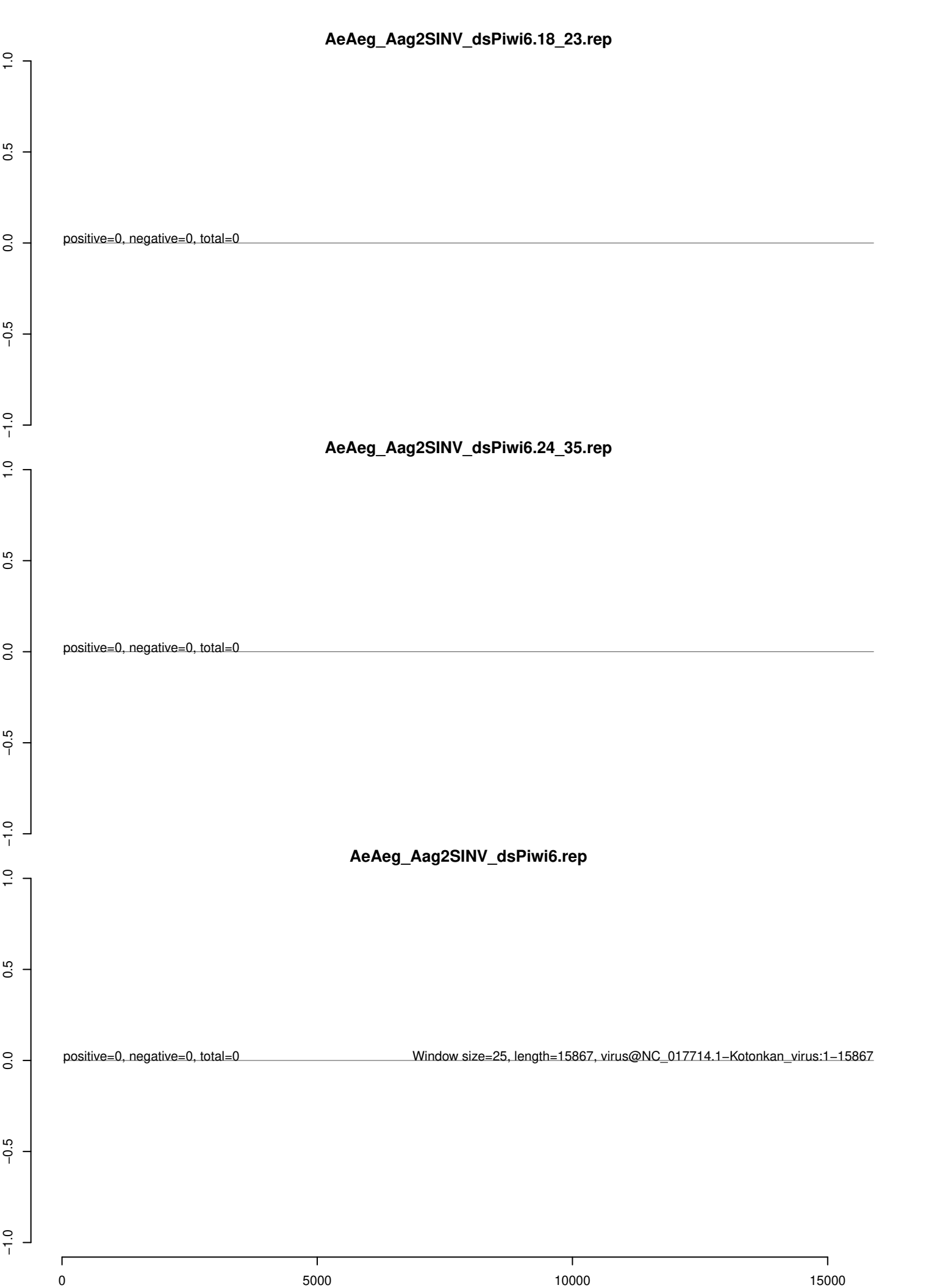
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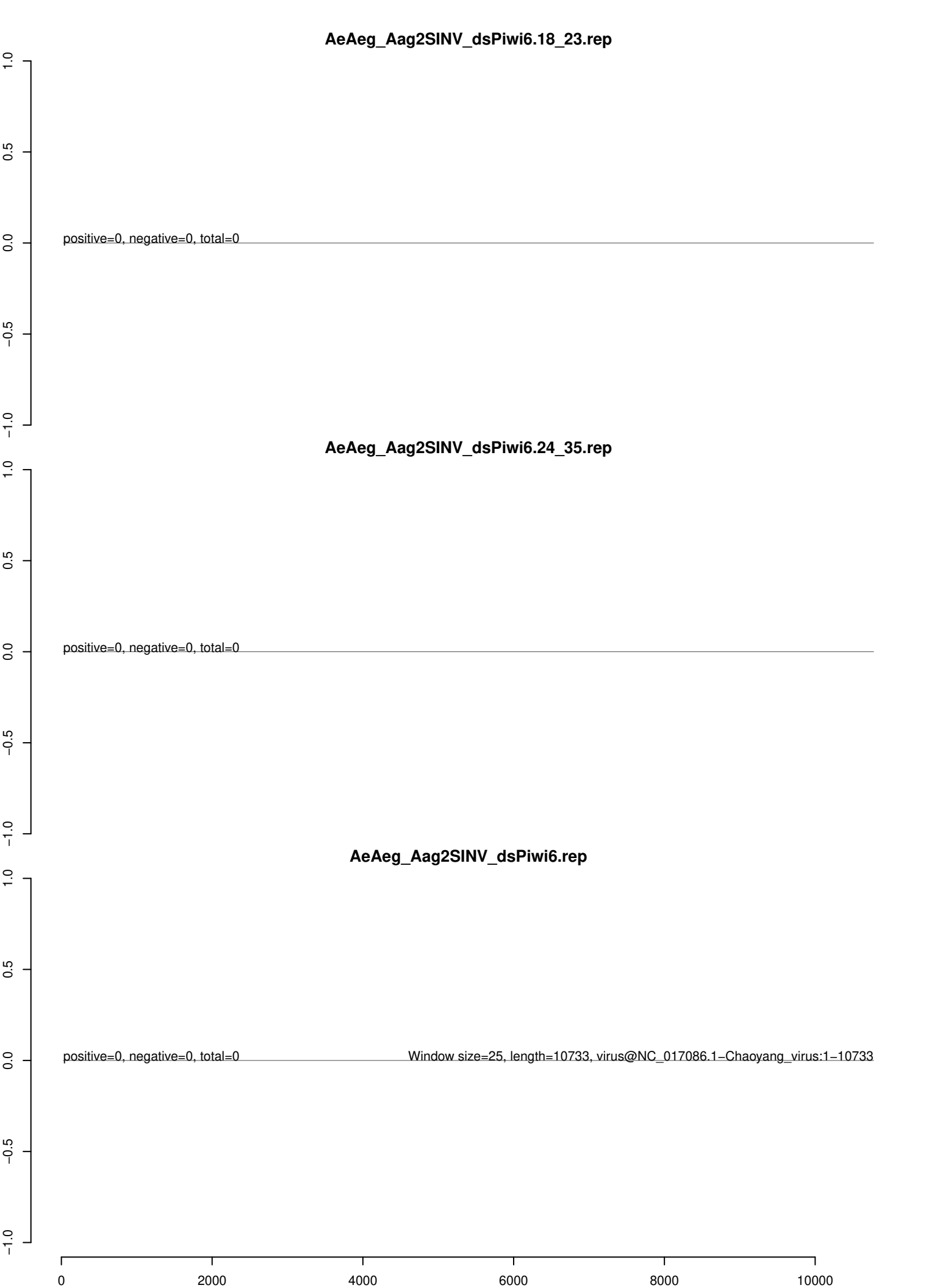
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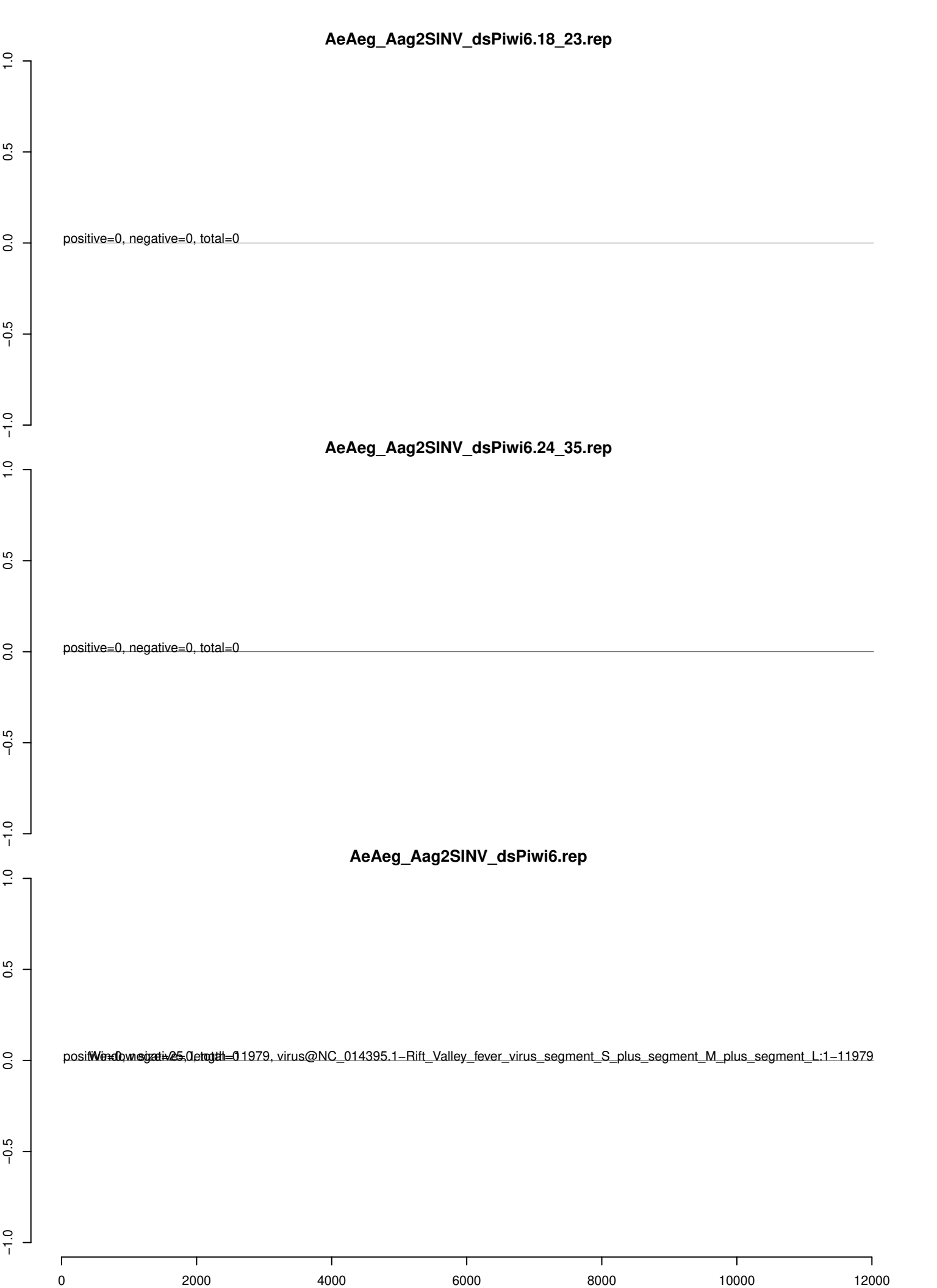
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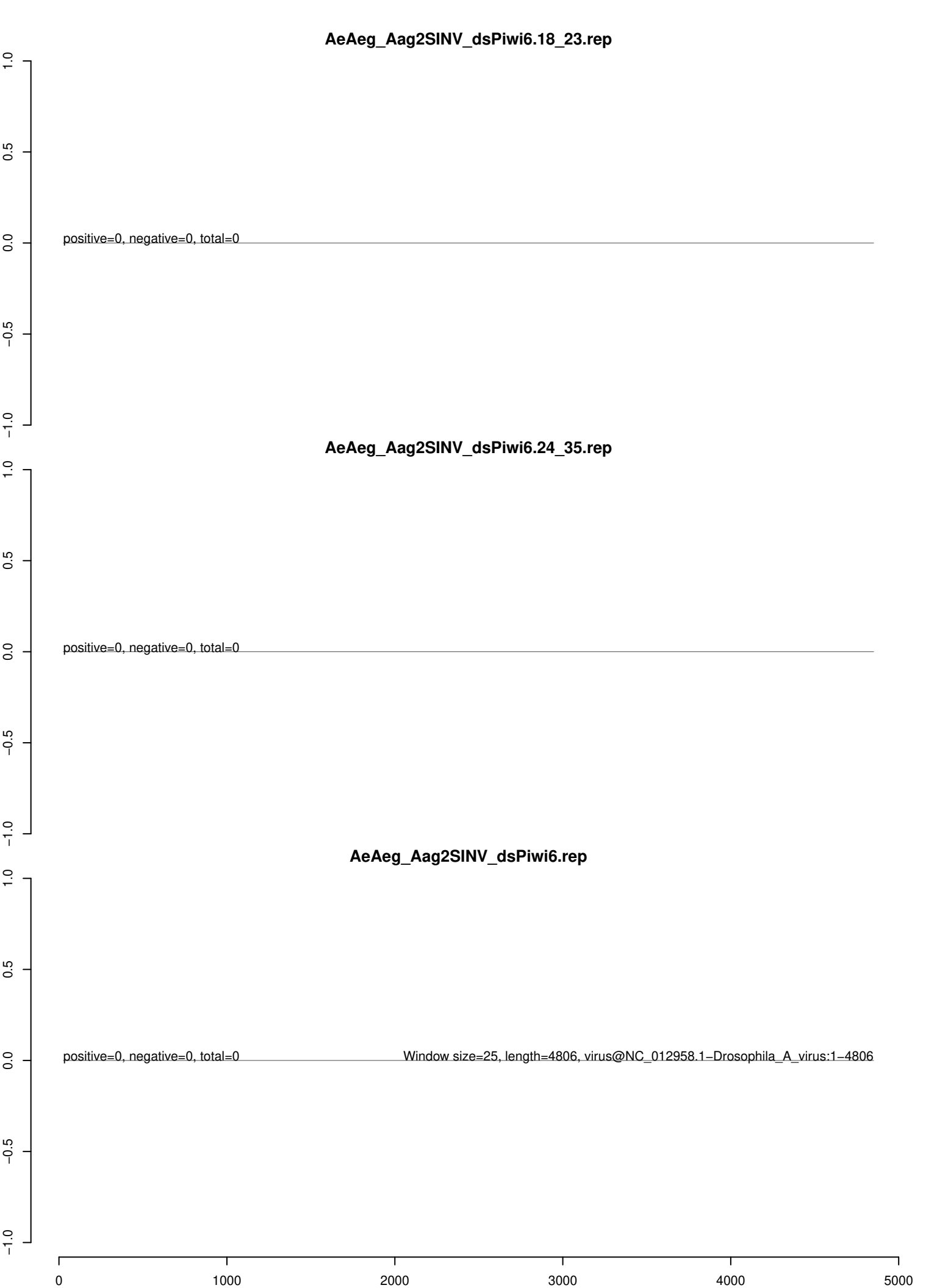
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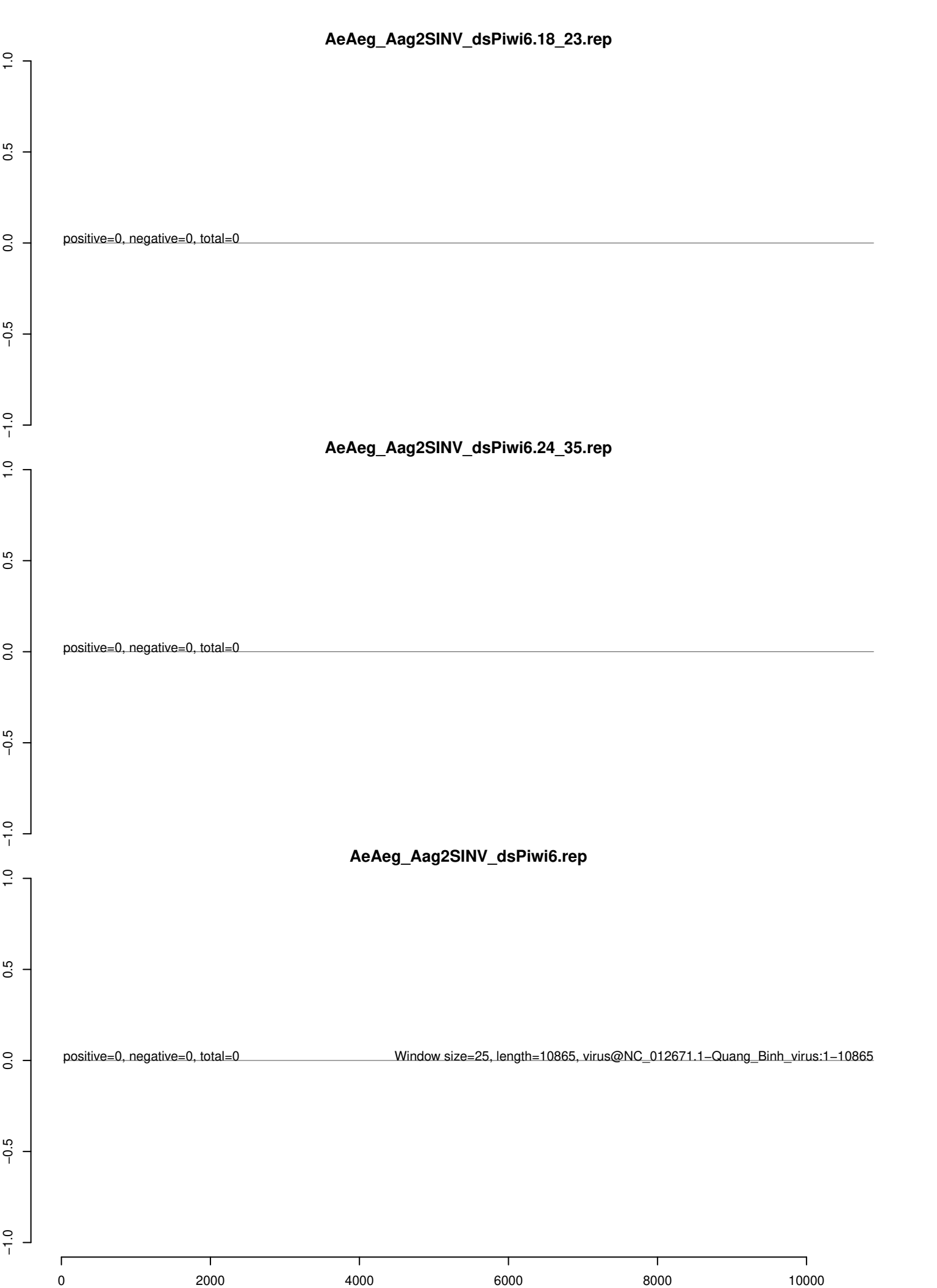
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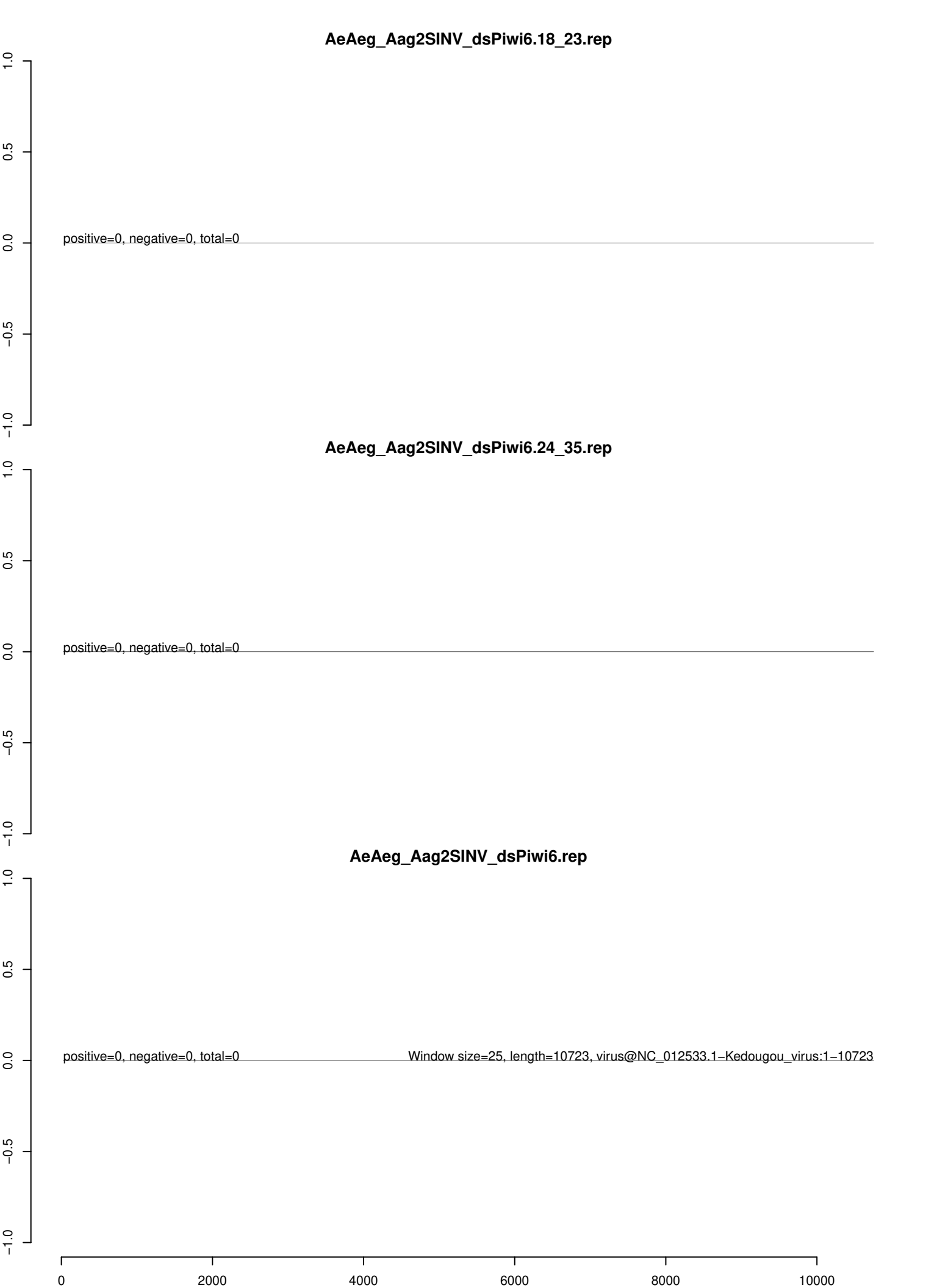
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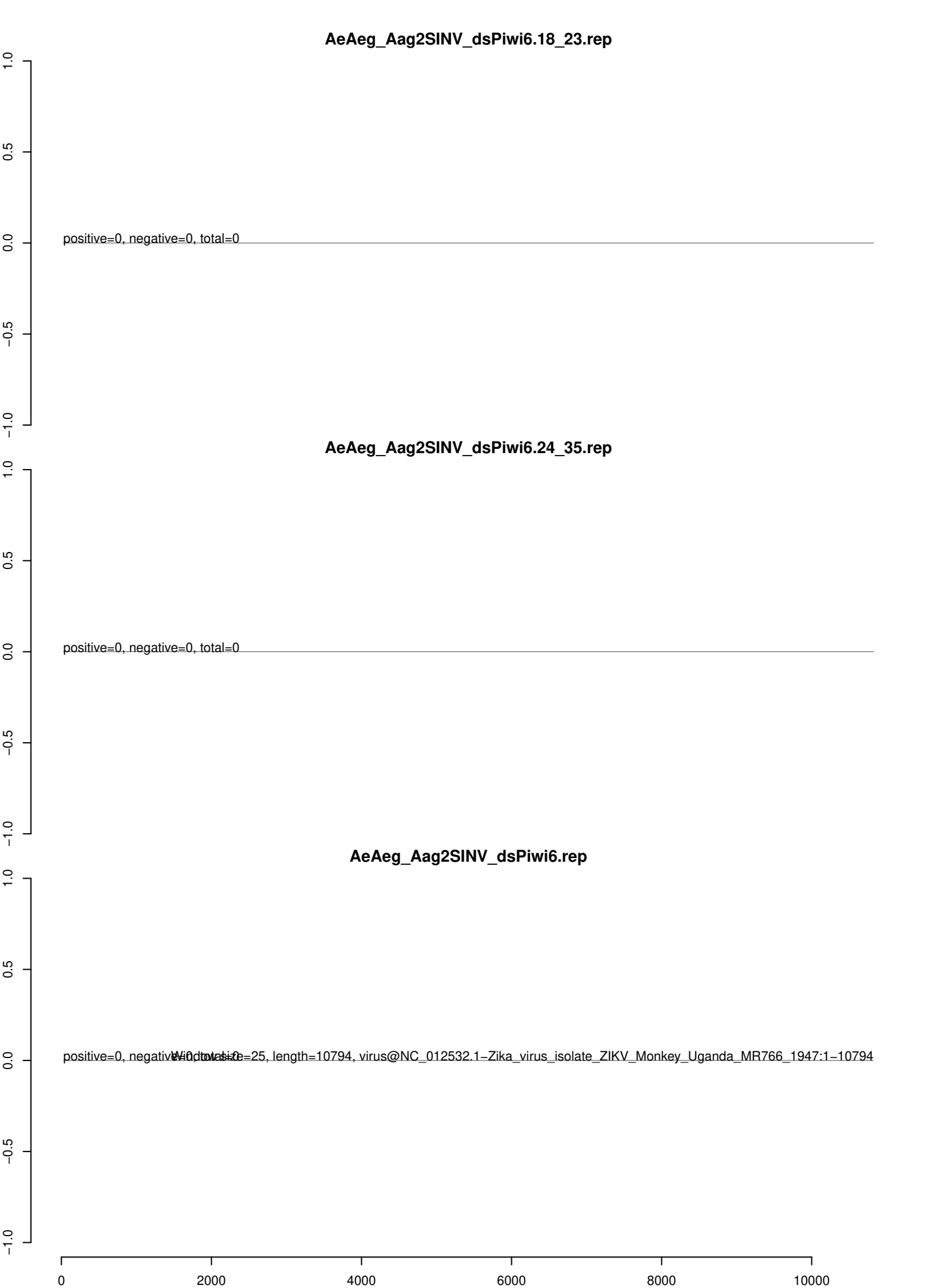
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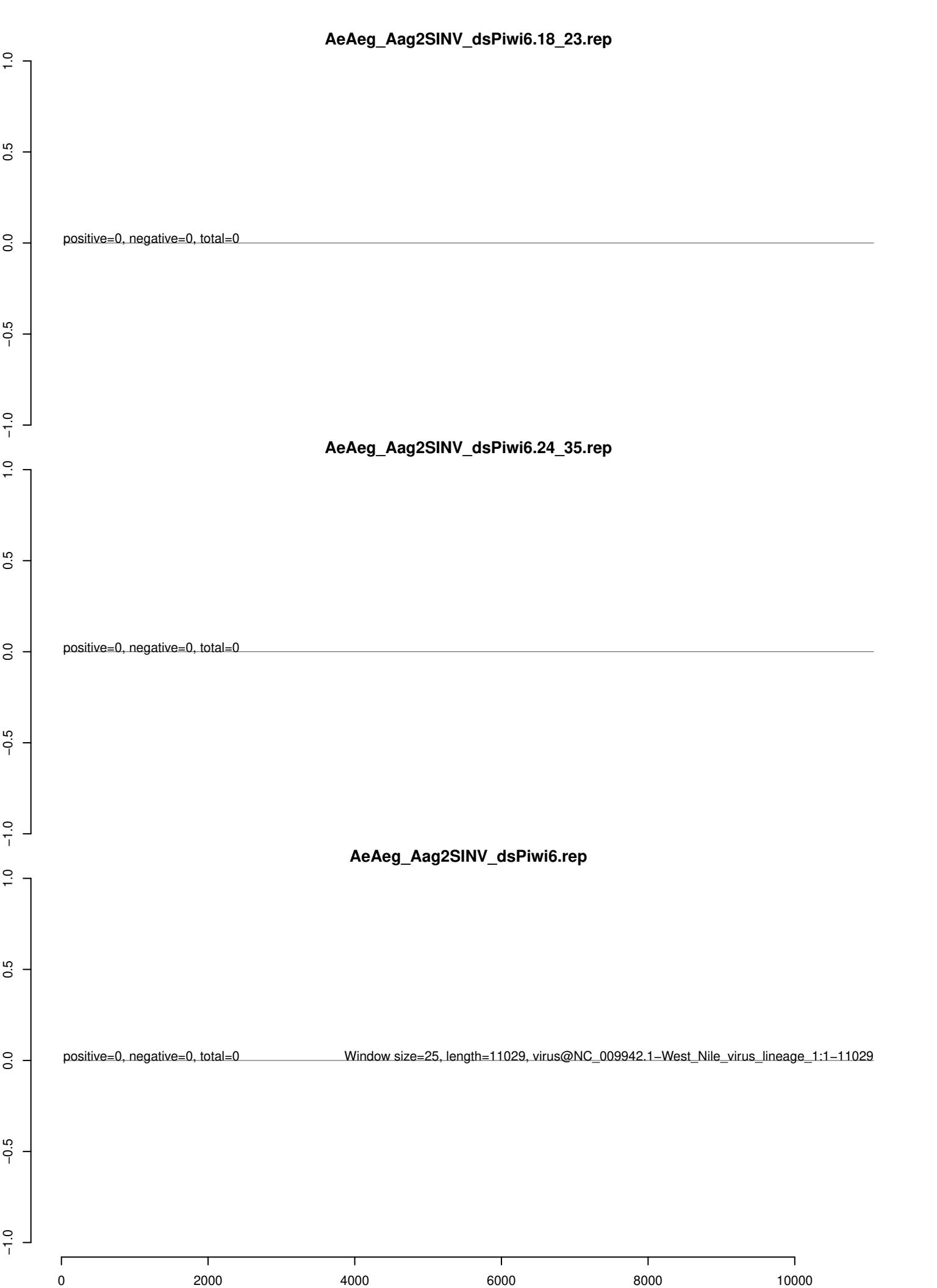
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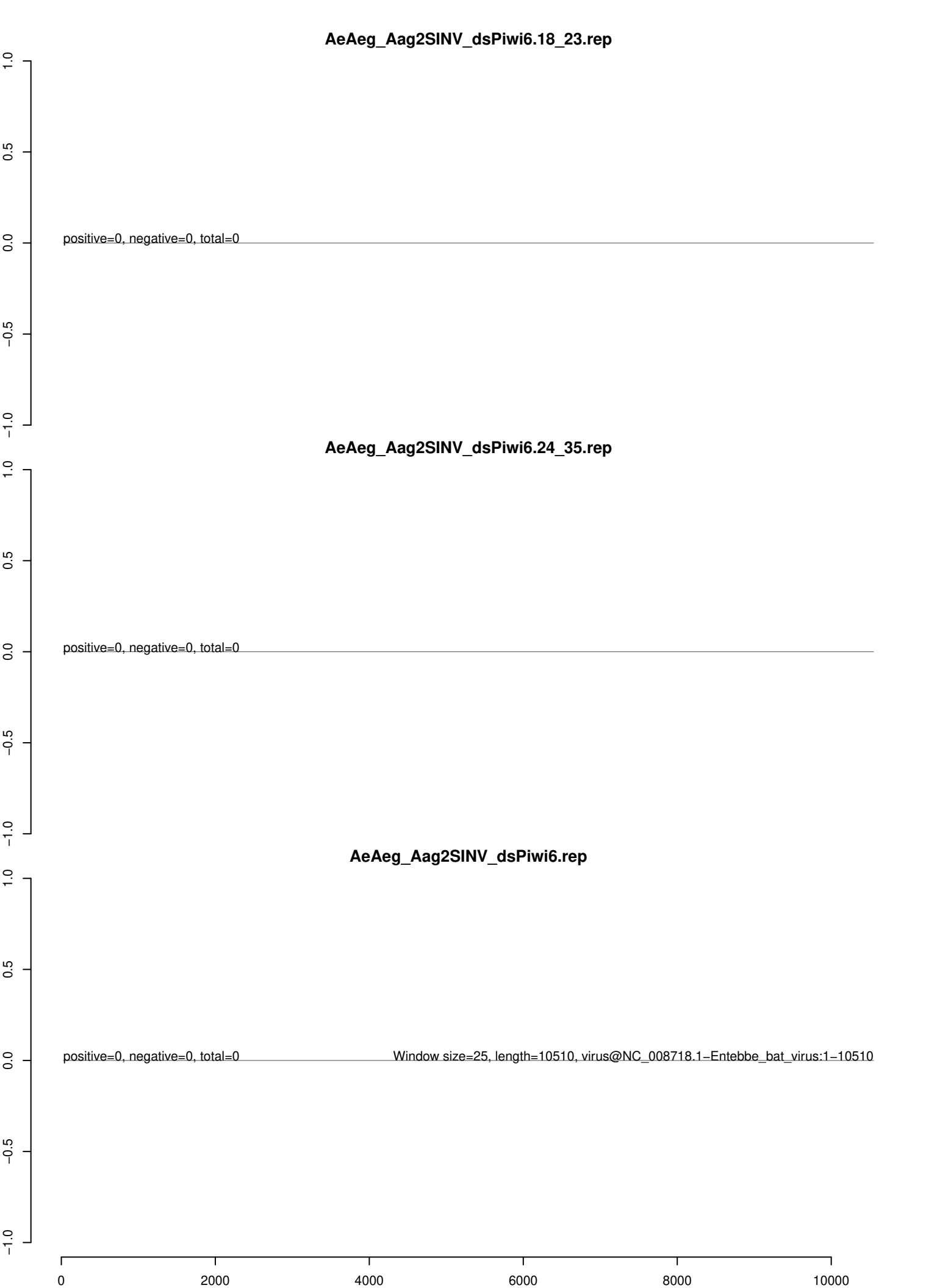
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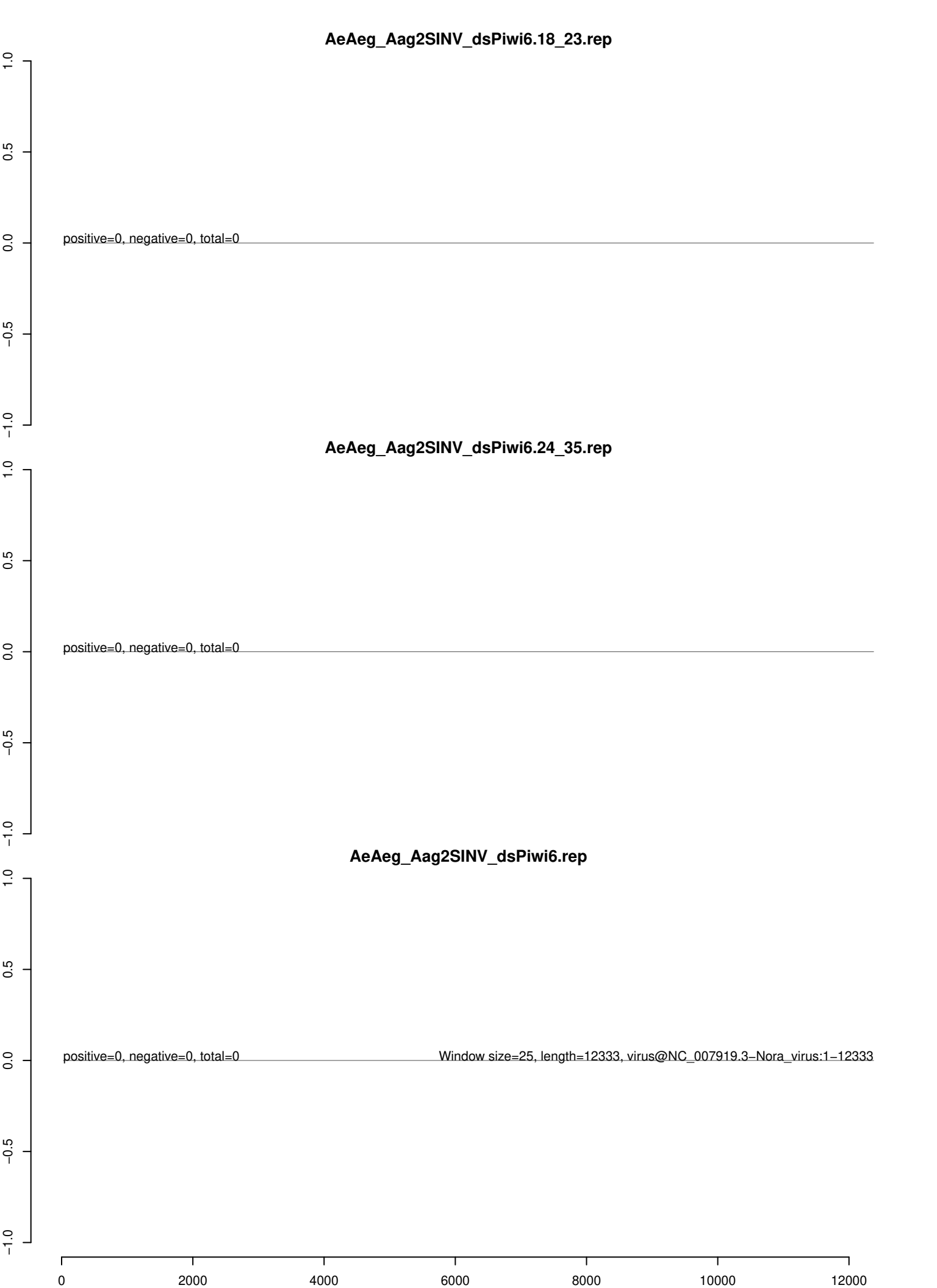
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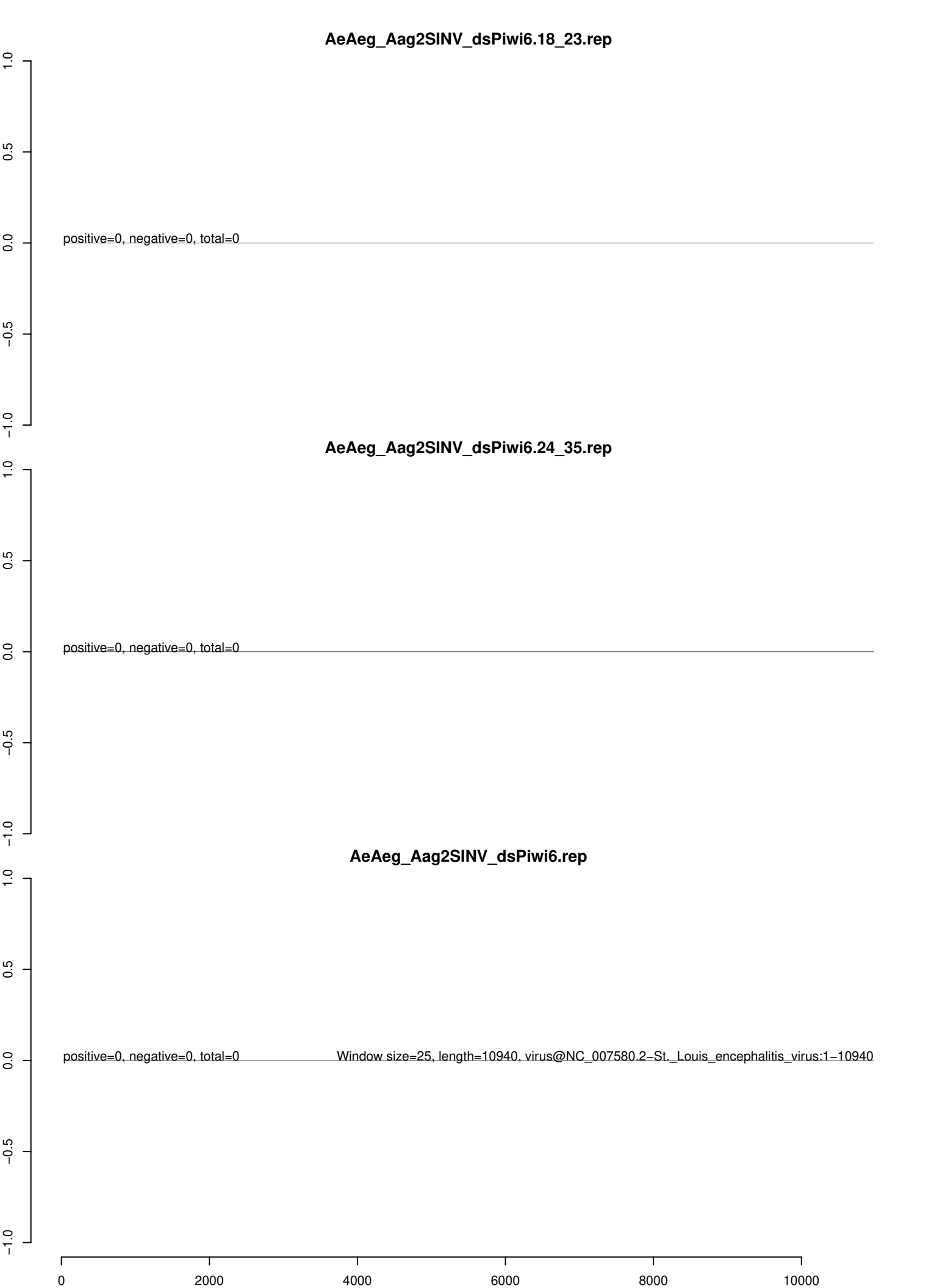
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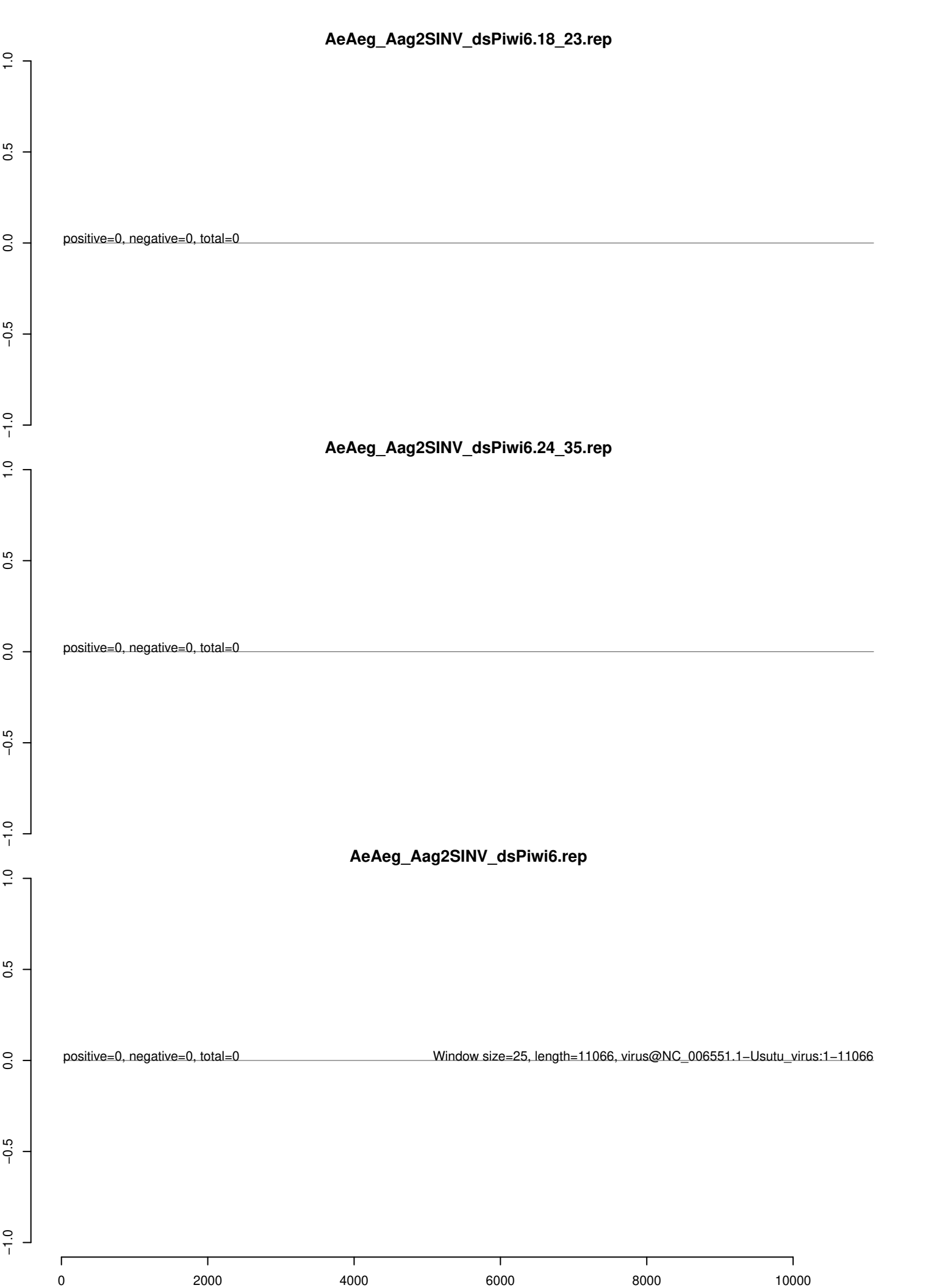
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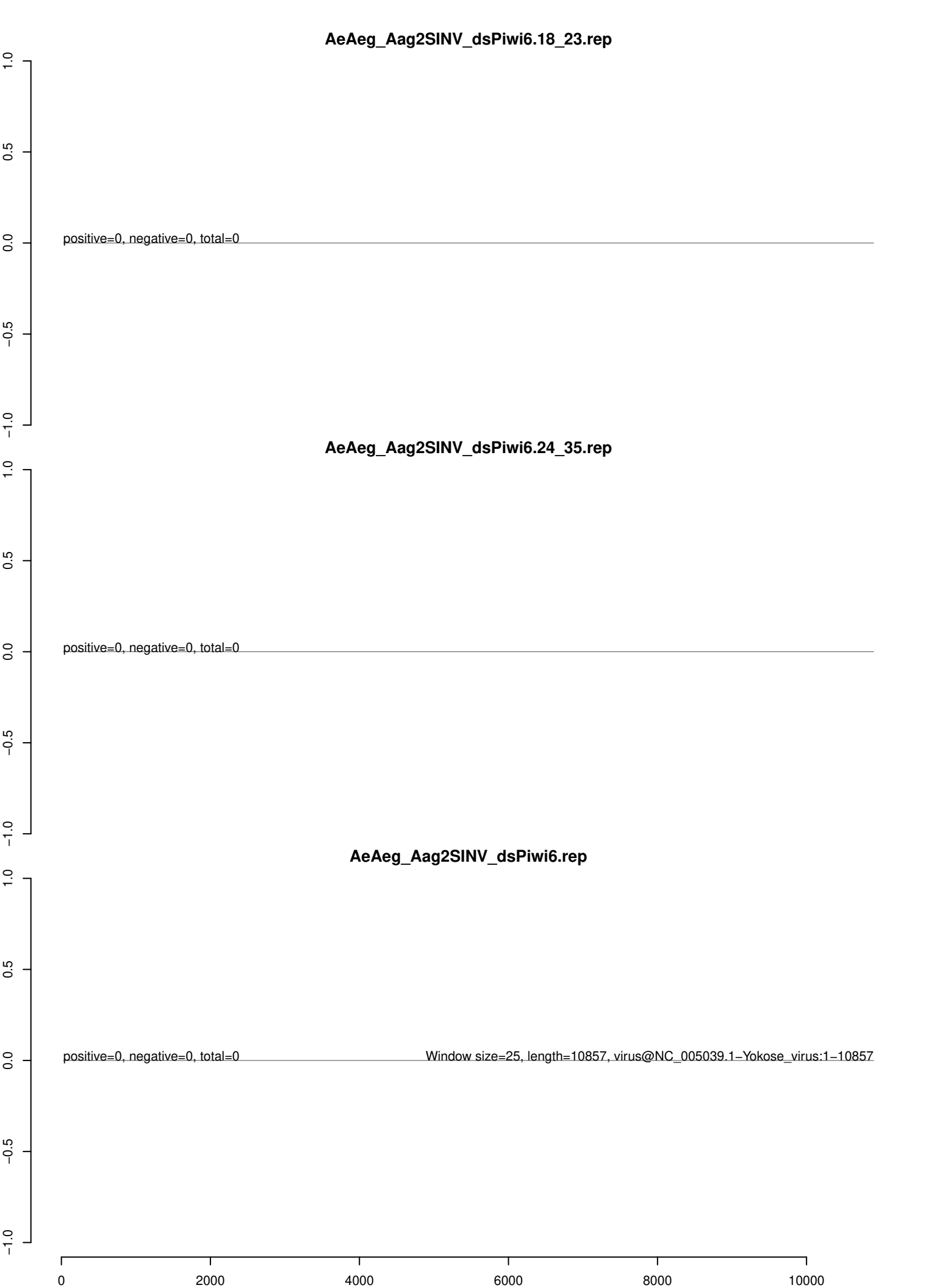
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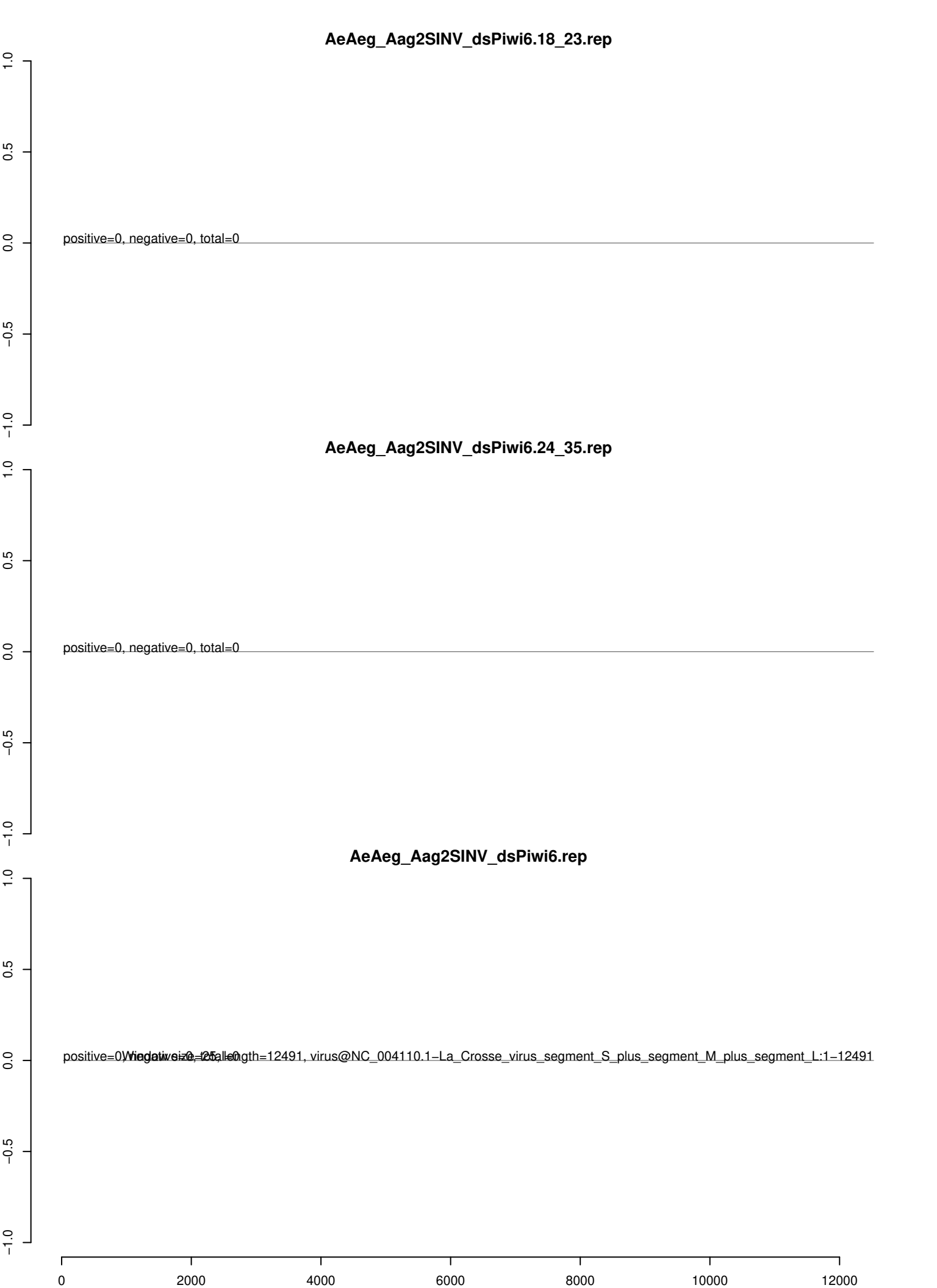
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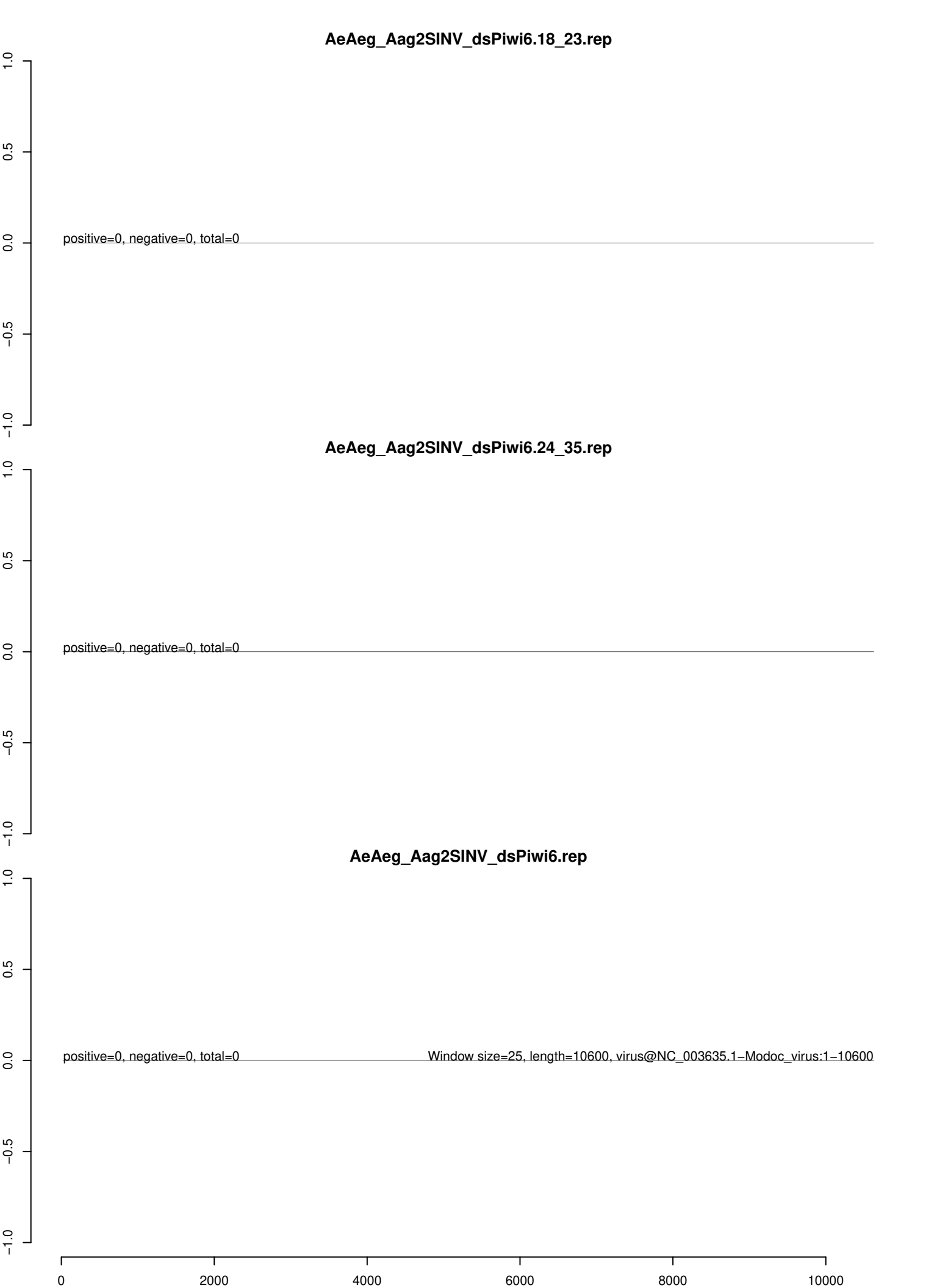
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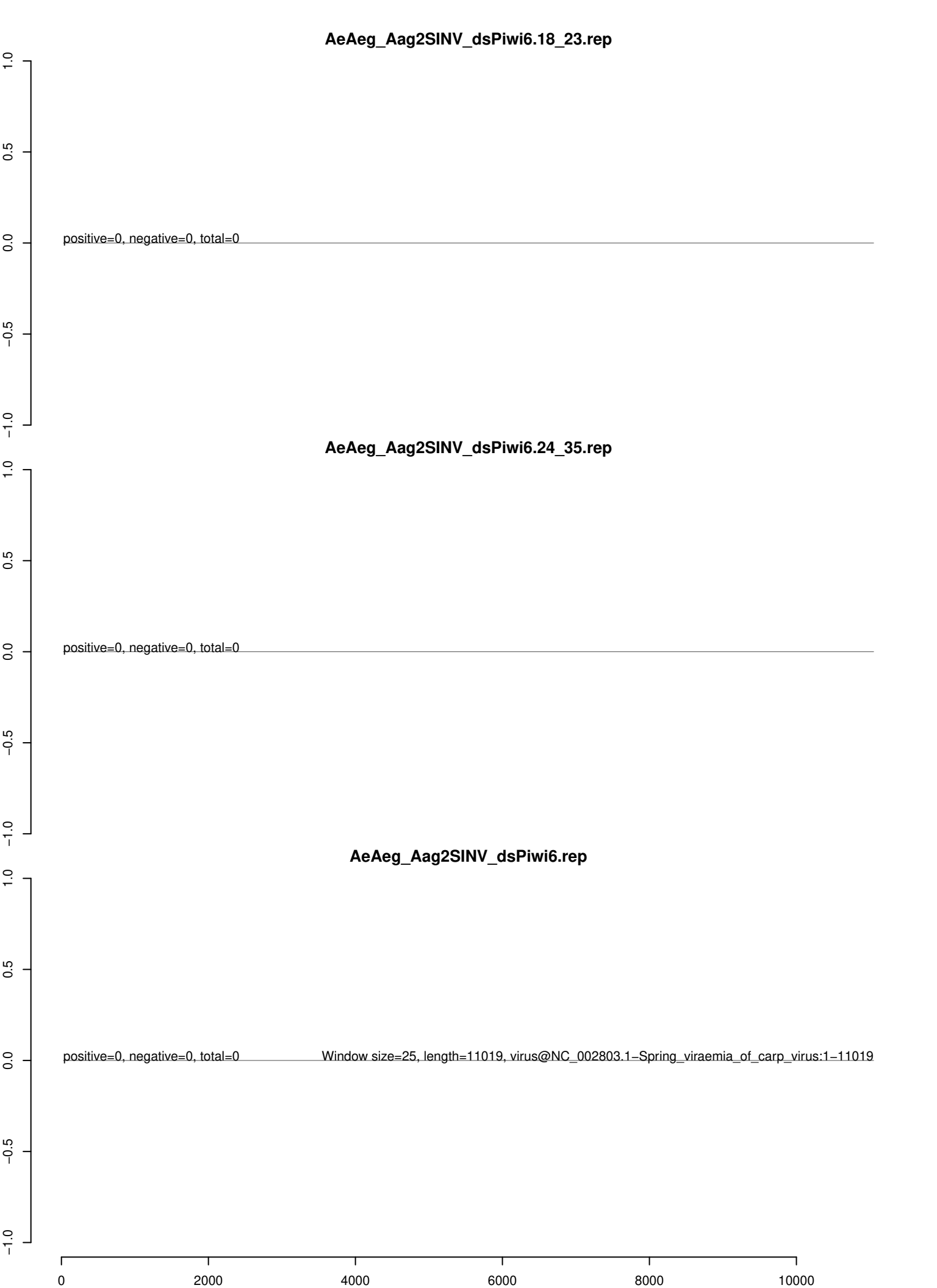
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positive=0, negative=0, total=0
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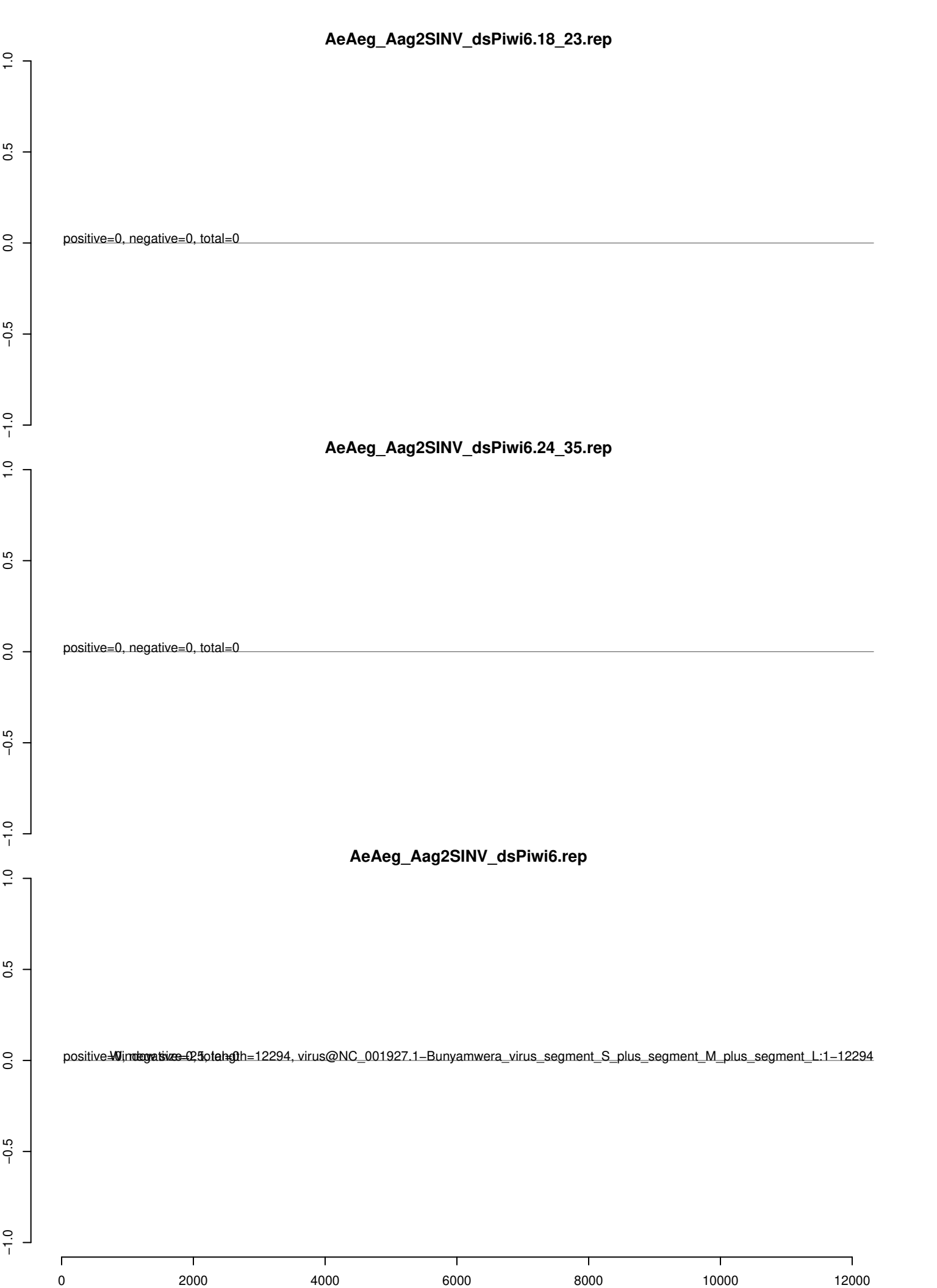
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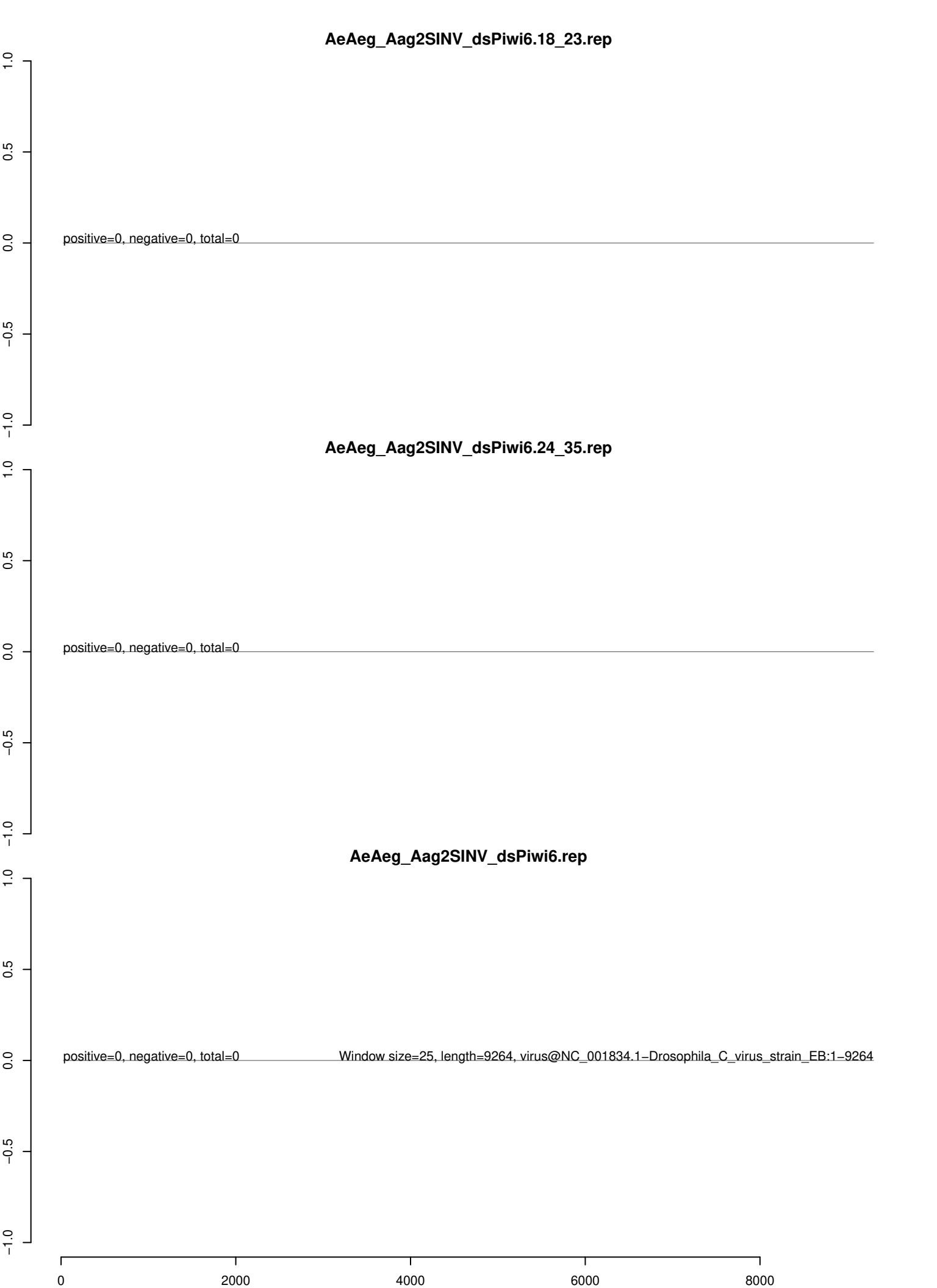
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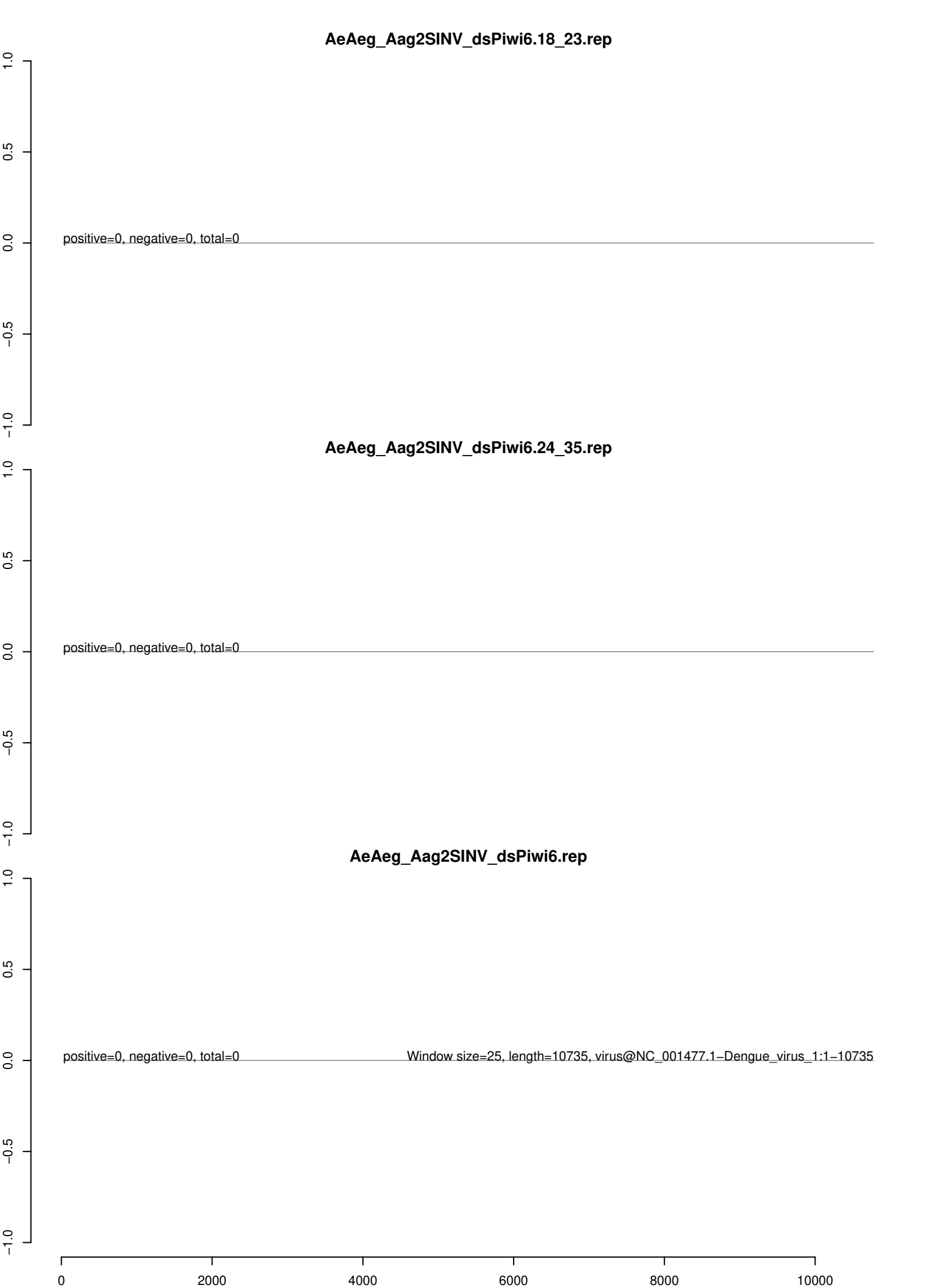
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AeAeg_Aag2SINV_dsPiwi6.24_35.rep
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positive=0, negative=0, total=0
Window size=25, length=10735, virus@NC_001477.1−Dengue_virus_1:1−10735
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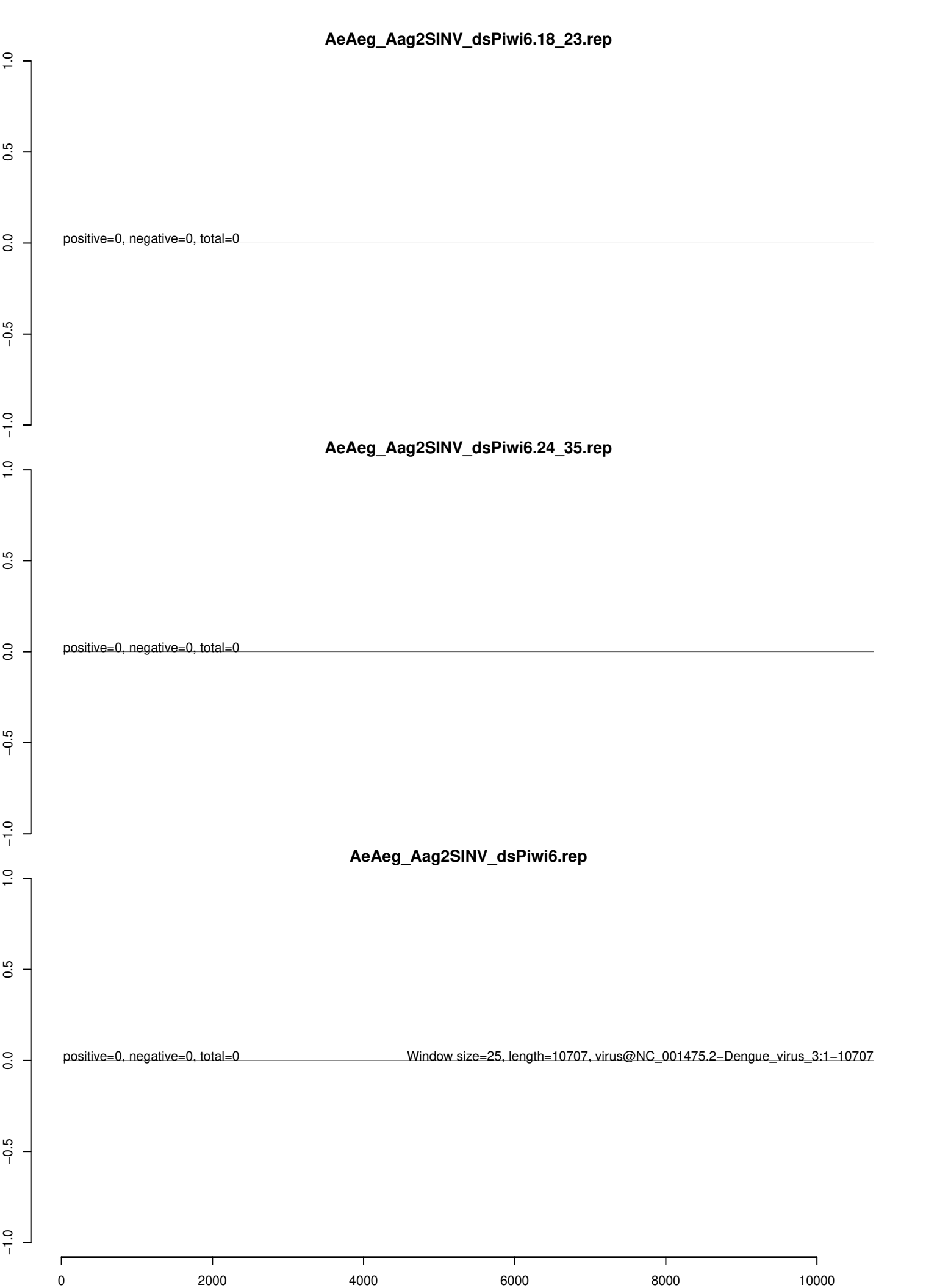
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positive=0, negative=0, total=0
Window size=25, length=10707, virus@NC_001475.2−Dengue_virus_3:1−10707
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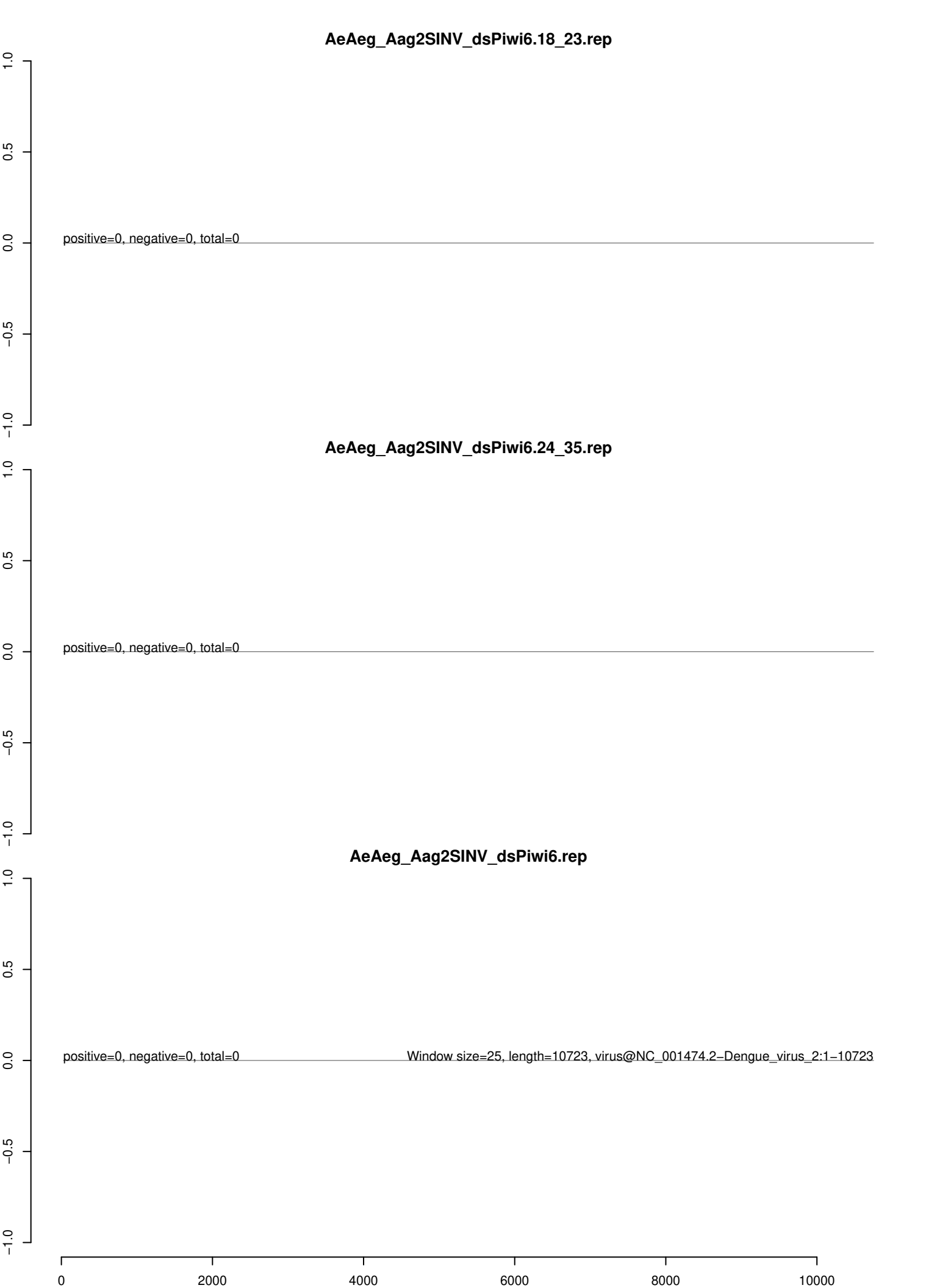
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positive=0, negative=0, total=0
Window size=25, length=10723, virus@NC_001474.2−Dengue_virus_2:1−10723
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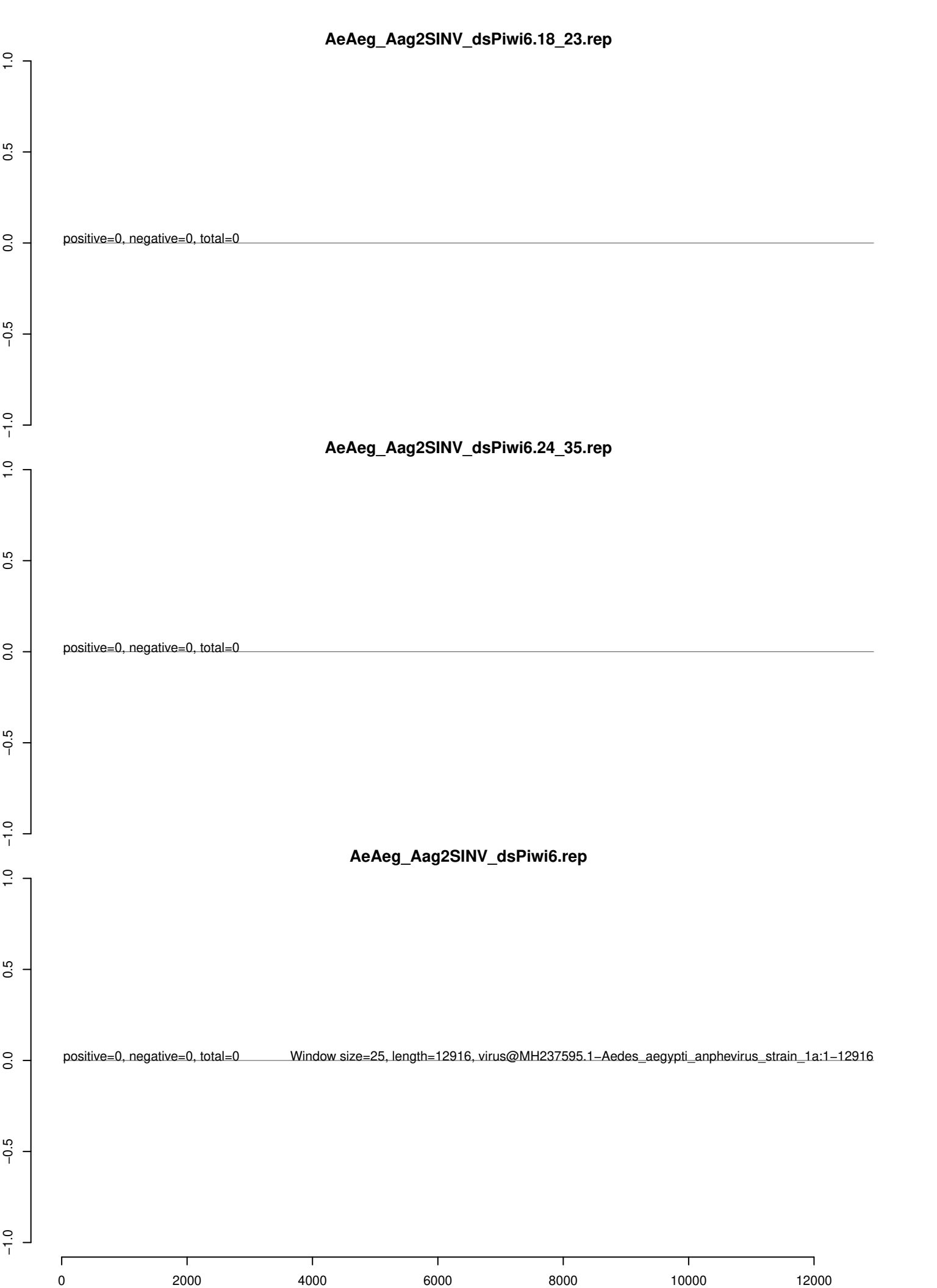
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positive=0, negative=0, total=0
Window size=25, length=12916, virus@MH237595.1−Aedes_aegypti_anphevirus_strain_1a:1−12916
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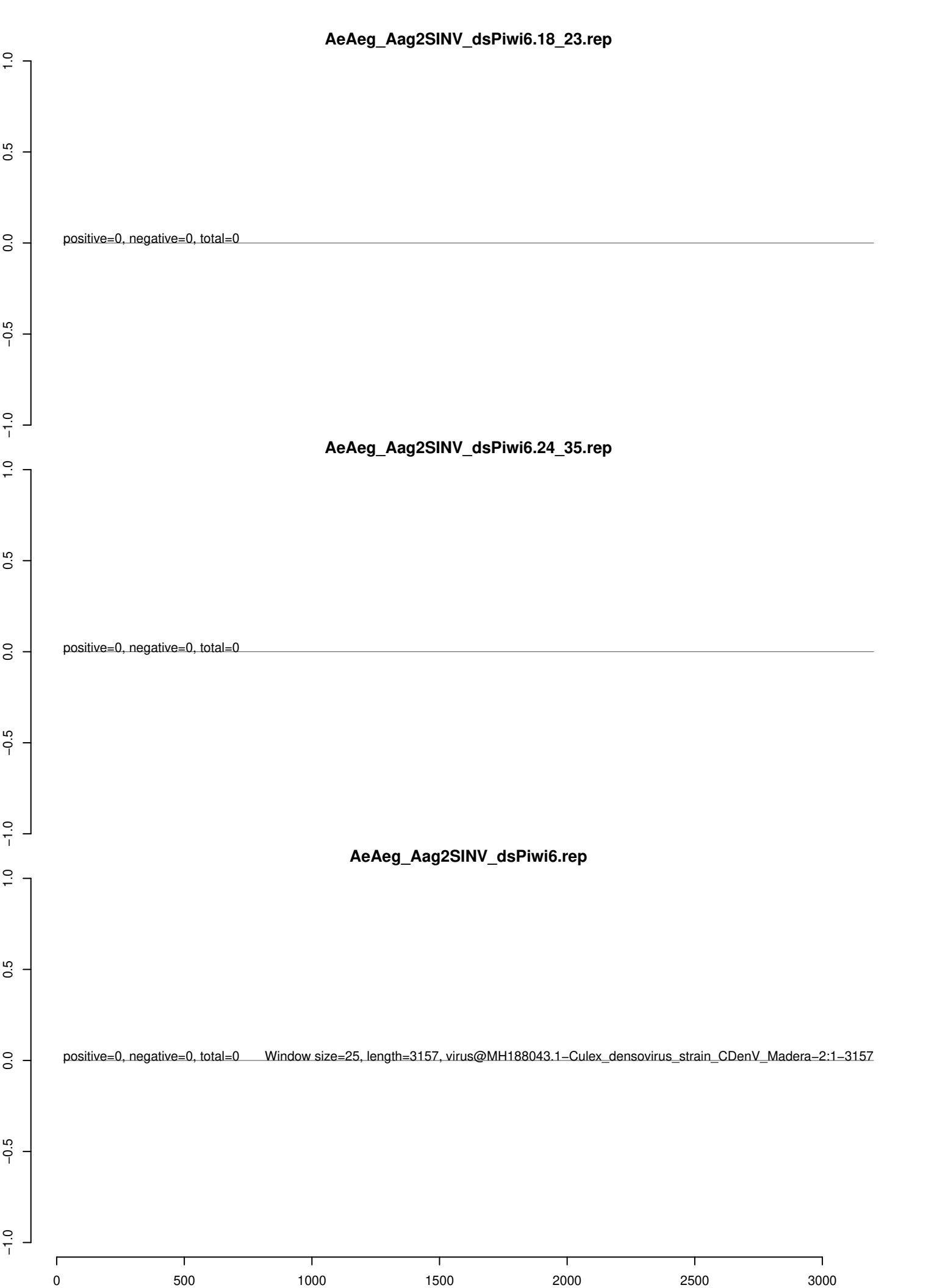
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positive=0, negative=0, total=0
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positive=0, negative=0, total=0
Window size=25, length=3157, virus@MH188043.1−Culex_densovirus_strain_CDenV_Madera−2:1−3157
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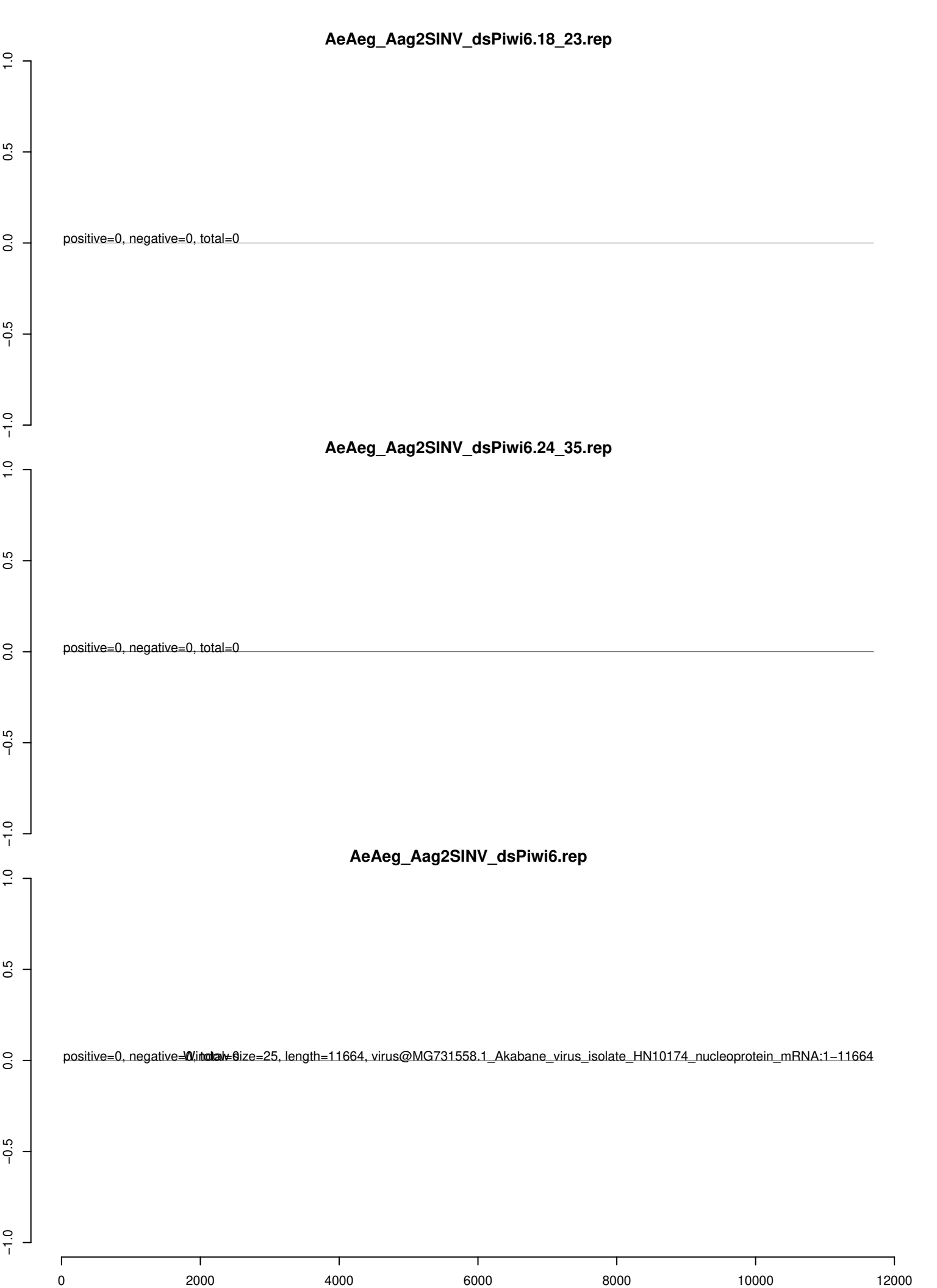
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positive=0, negative=0, total=0
window size=25, length=11664, virus@MG731558.1_Akabane_virus_isolate_HN10174_nucleoprotein_mRNA:1–11664
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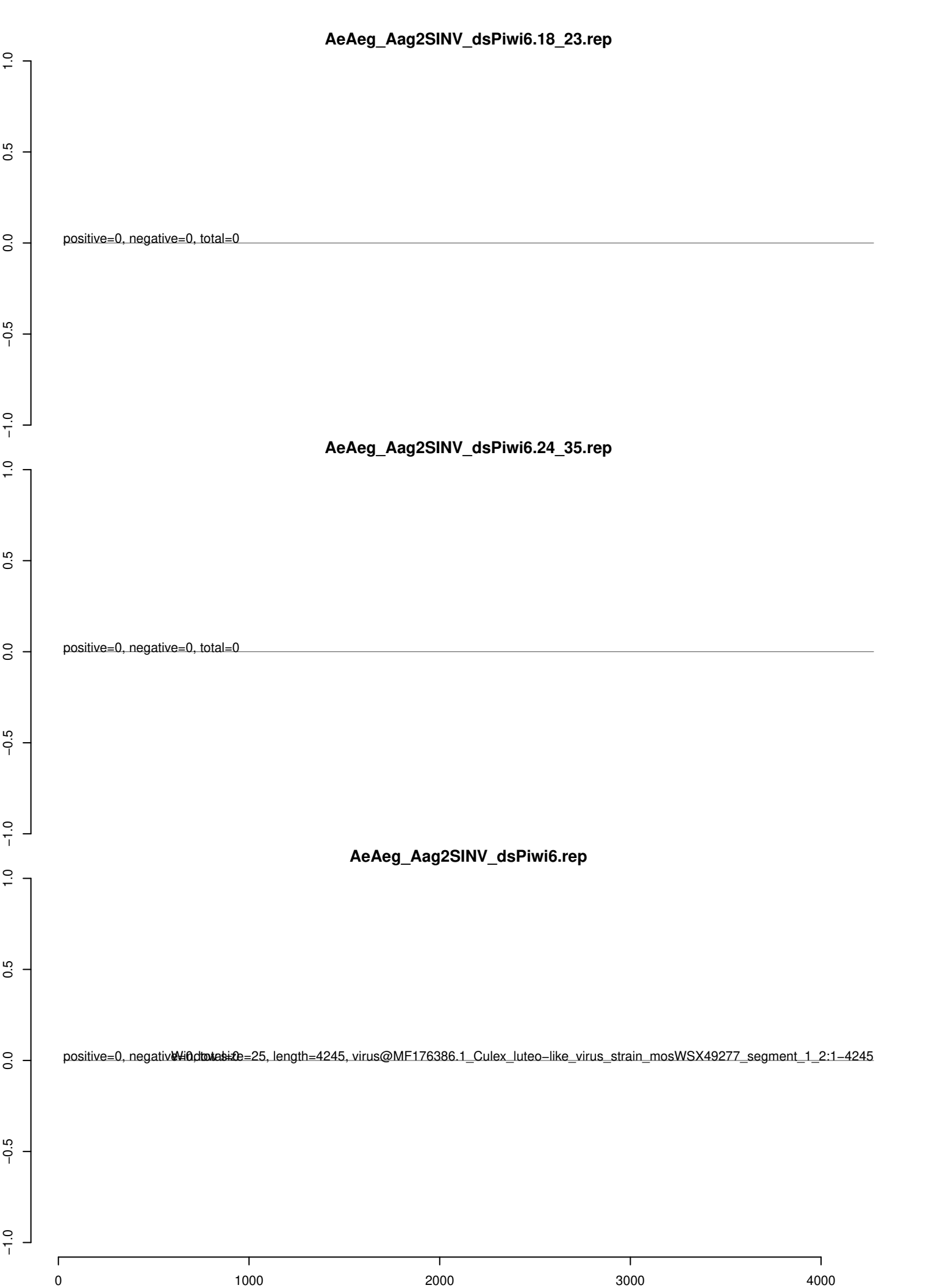
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positive=0, negative=0, total=0
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positive=0, negative=0, total=25, length=4245, virus@MF176386.1_Culex_luteo−like_virus_strain_mosWSX49277_segment_1_2:1−4245
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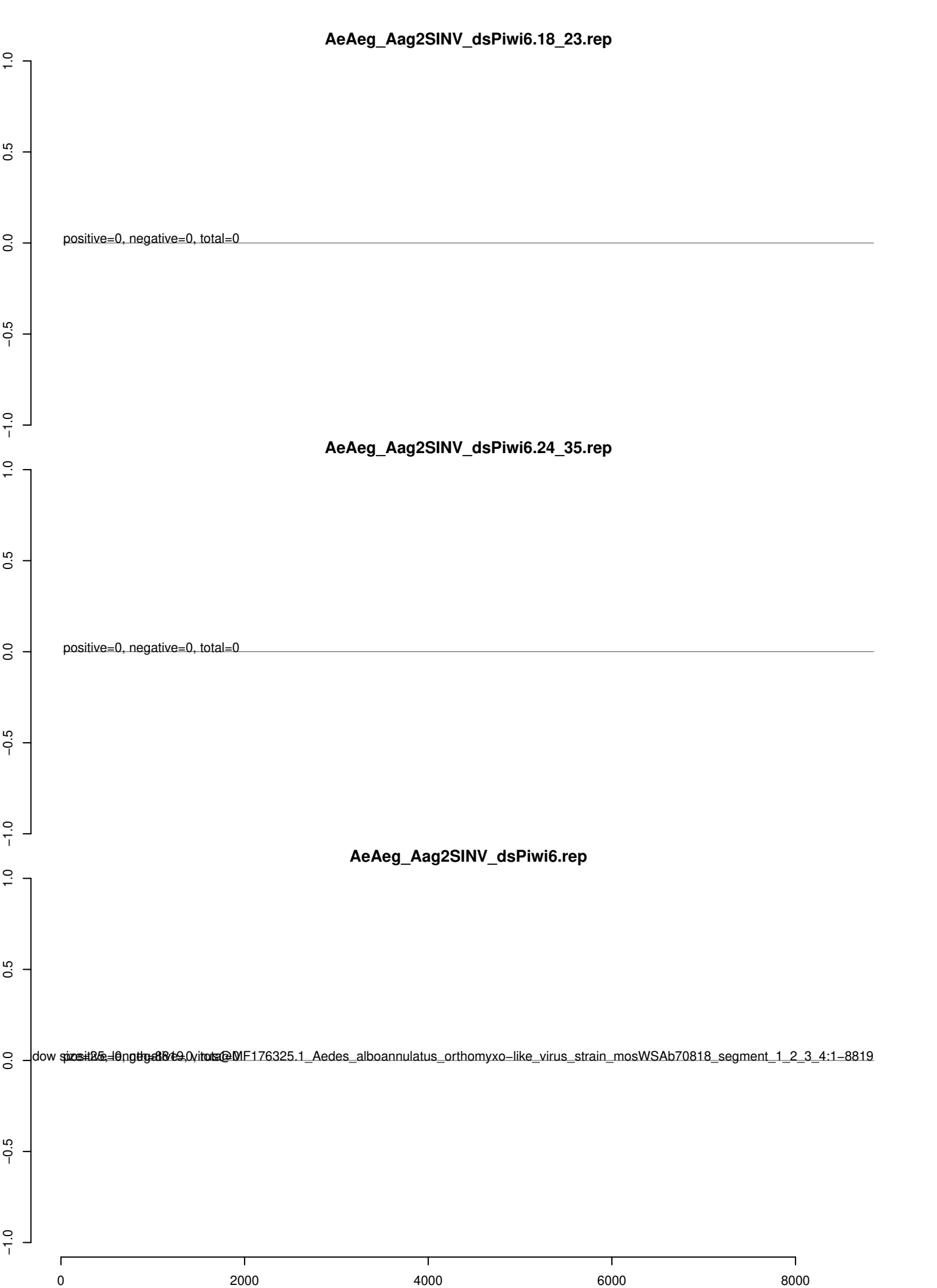
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dow
MF176325.1_Aedes_alboannulatus_orthomyxo−like_virus_strain_mosWSAb70818_segment_1_2_3_4:1−8819
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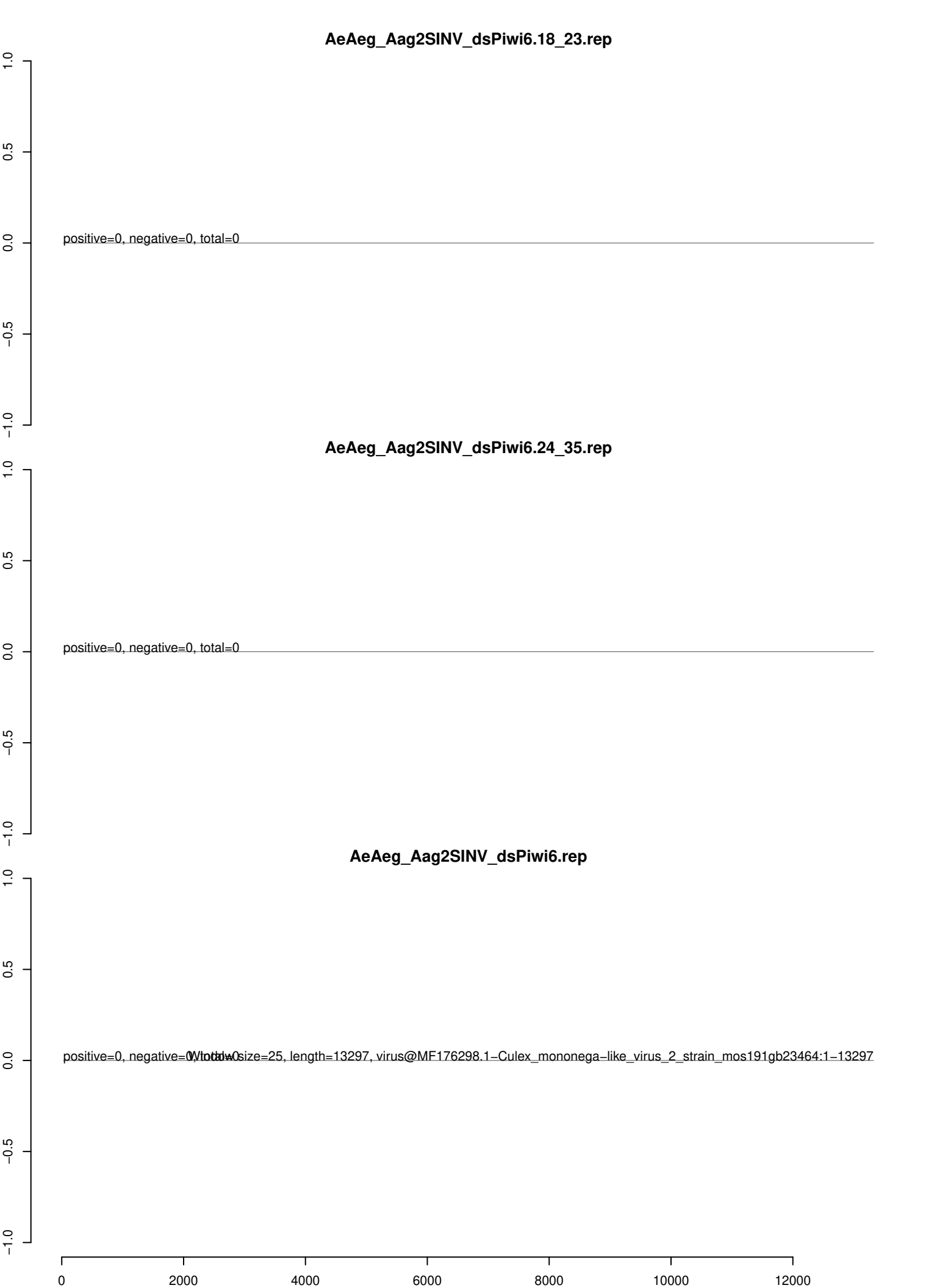
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positive=0, negative=0, total=0
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positive=0, negative=0, total=0
Window size=25, length=13297, virus@MF176298.1–Culex_mononega–like_virus_2_strain_mos191gb23464:1–13297
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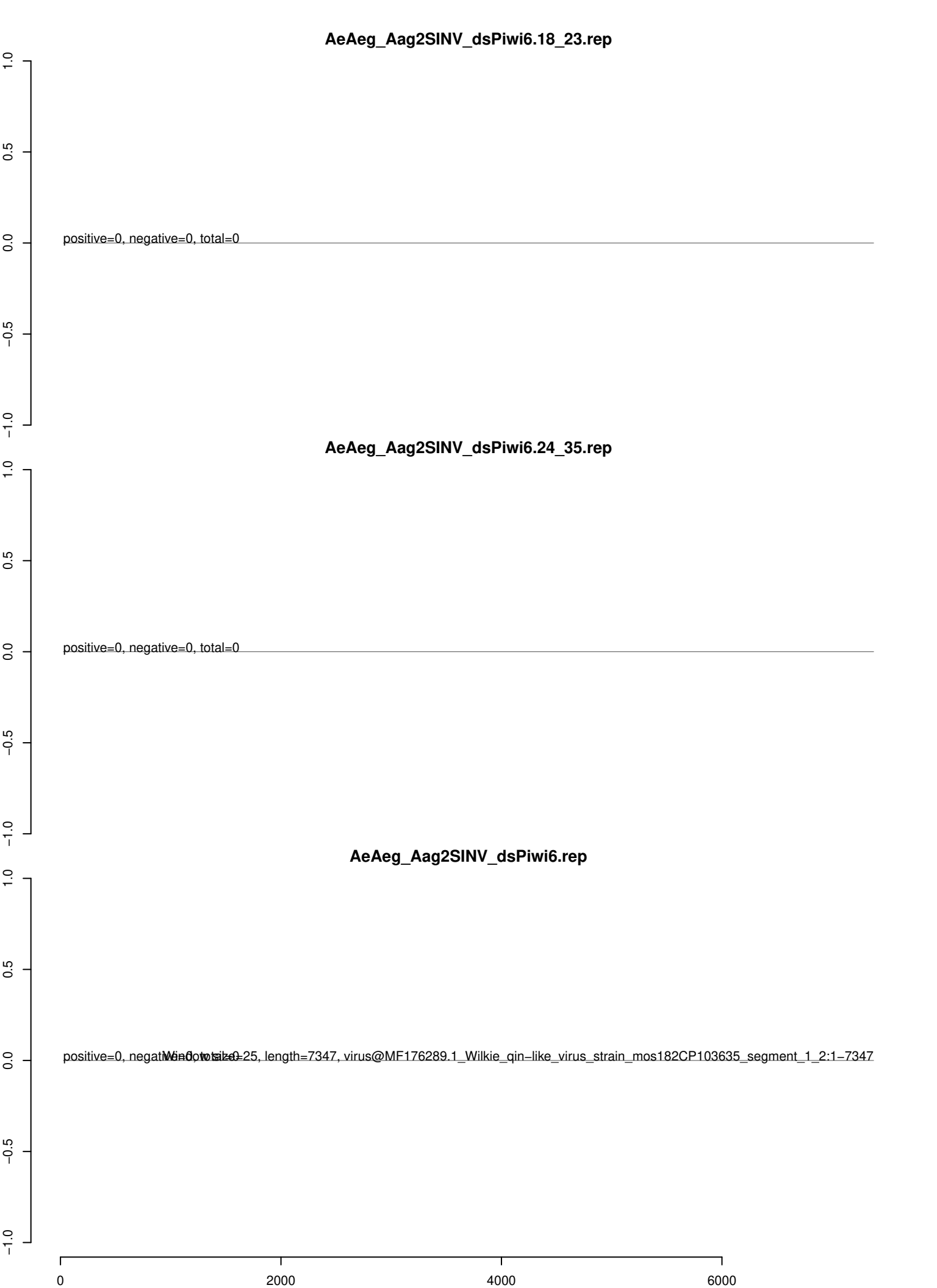
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AeAeg_Aag2SINV_dsPiwi6.24_35.rep
positive=0, negative=0, total=0
AeAeg_Aag2SINV_dsPiwi6.rep
positive=0, negative=0, total=0
Window size=25, length=7347, virus@MF176289.1_Wilkie_qin-like_virus_strain_mos182CP103635_segment_1_2:1-7347
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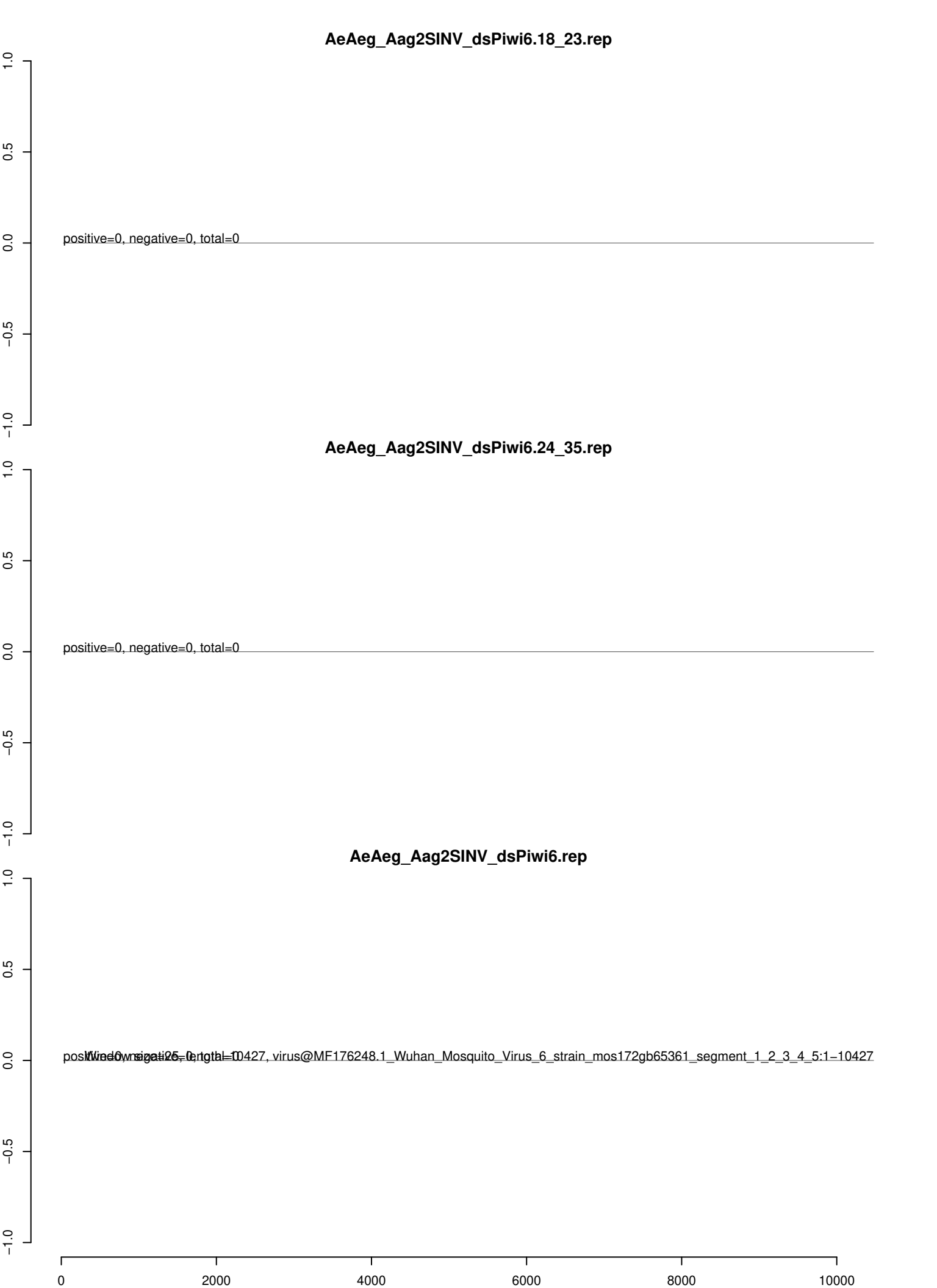
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positive=0, negative=0, total=0
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positive=0, negative=0, total=0
Window size=25, length=10427, virus@MF176248.1_Wuhan_Mosquito_Virus_6_strain_mos172gb65361_segment_1_2_3_4_5:1–10427
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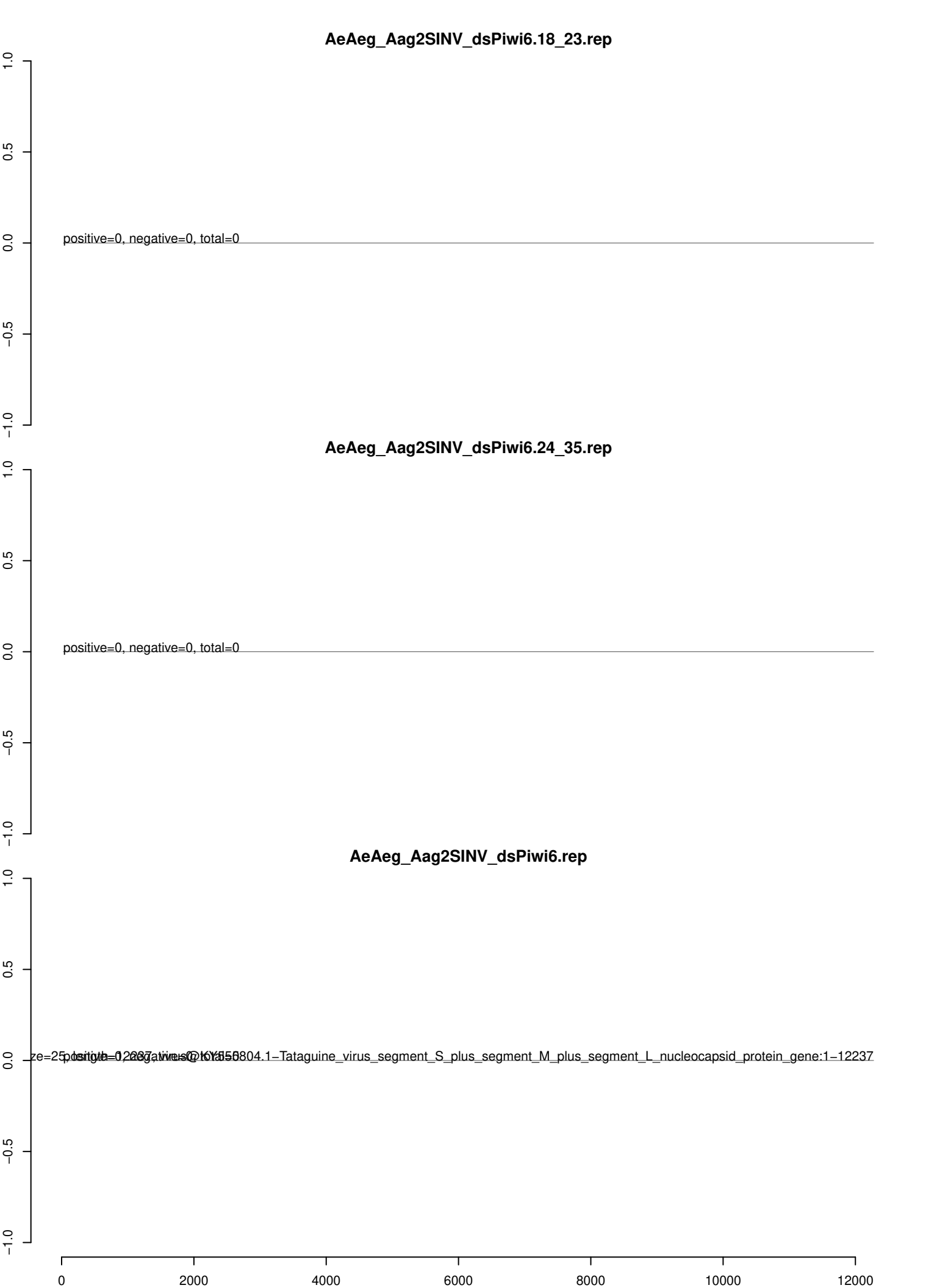
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positive=0, negative=0, total=0
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ze=25 positive=0, negative=0, total=0
Length=12237 virus@KY550804.1−Tataguine_virus_segment_S_plus_segment_M_plus_segment_L_nucleocapsid_protein_gene:1−12237
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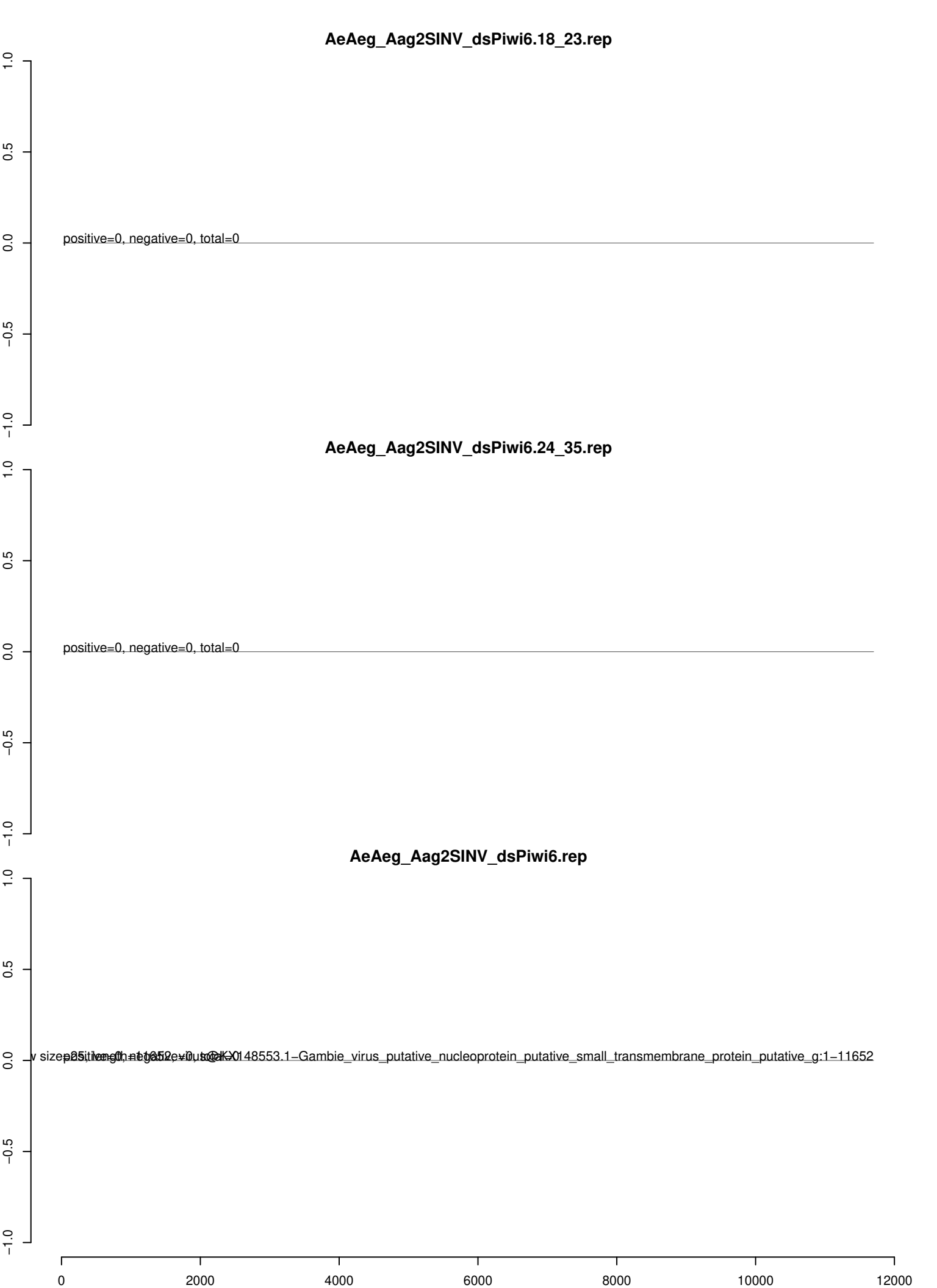
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positive=0, negative=0, total=0
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v size=25, length=11652, v0, total=0
positive=0, negative=0, total=0
KX148553.1−Gambie_virus_putative_nucleoprotein_putative_small_transmembrane_protein_putative_g:1−11652
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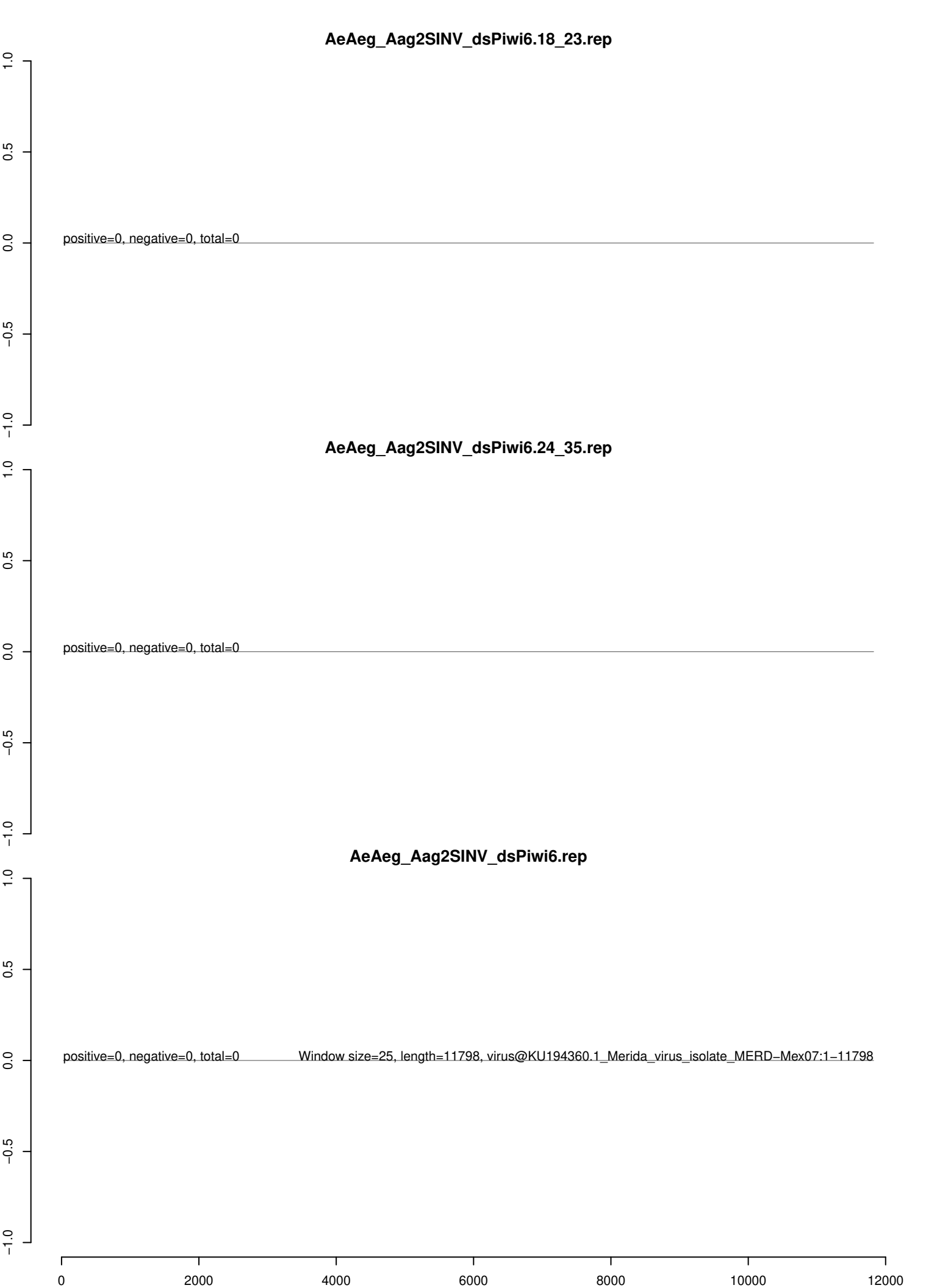
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positive=0, negative=0, total=0
Window size=25, length=11798, virus@KU194360.1_Merida_virus_isolate_MERD-Mex07:1-11798
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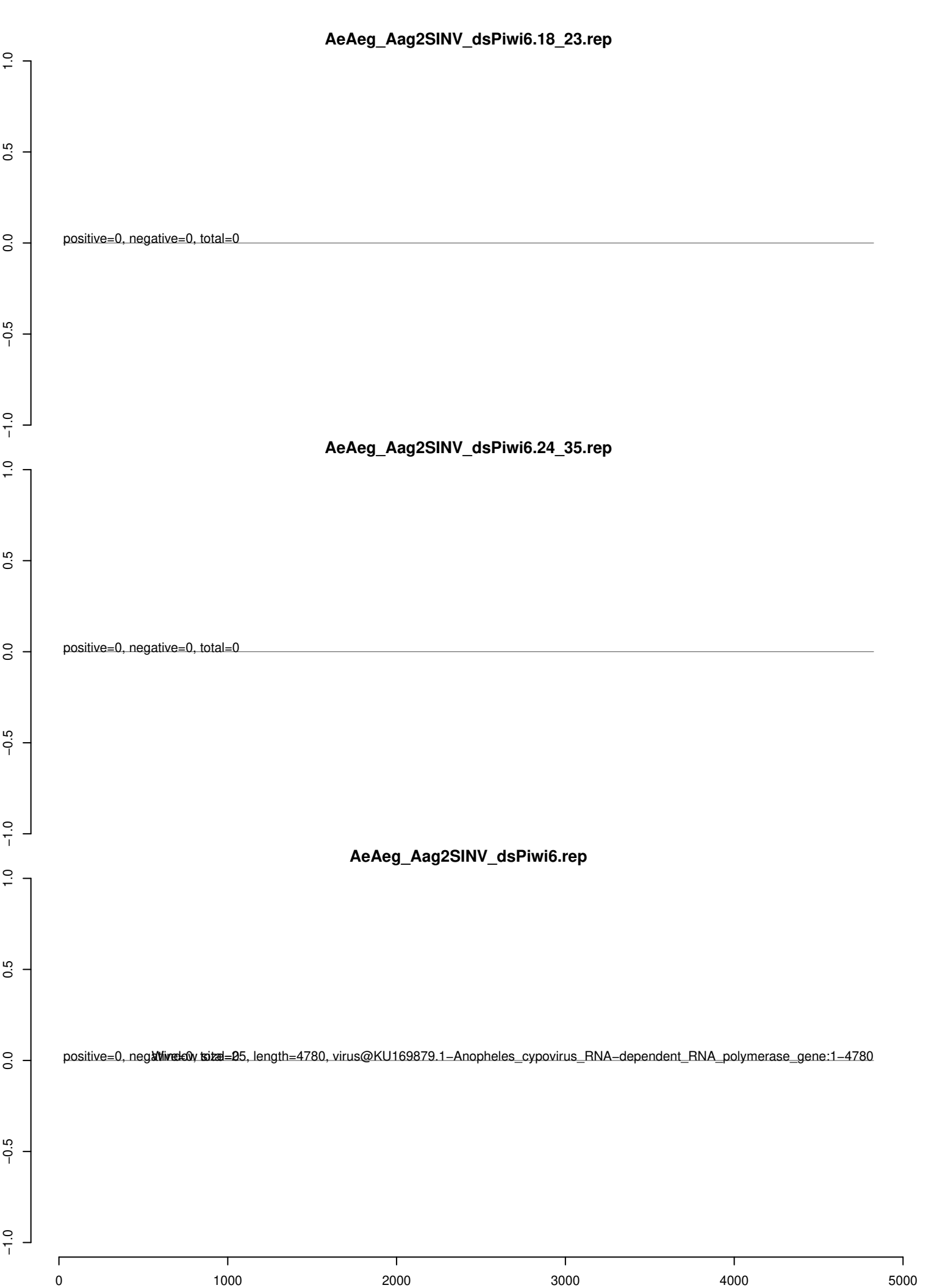
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positive=0, negative=0, total=25, length=4780, virus@KU169879.1–Anopheles_cypovirus_RNA–dependent_RNA_polymerase_gene:1–4780
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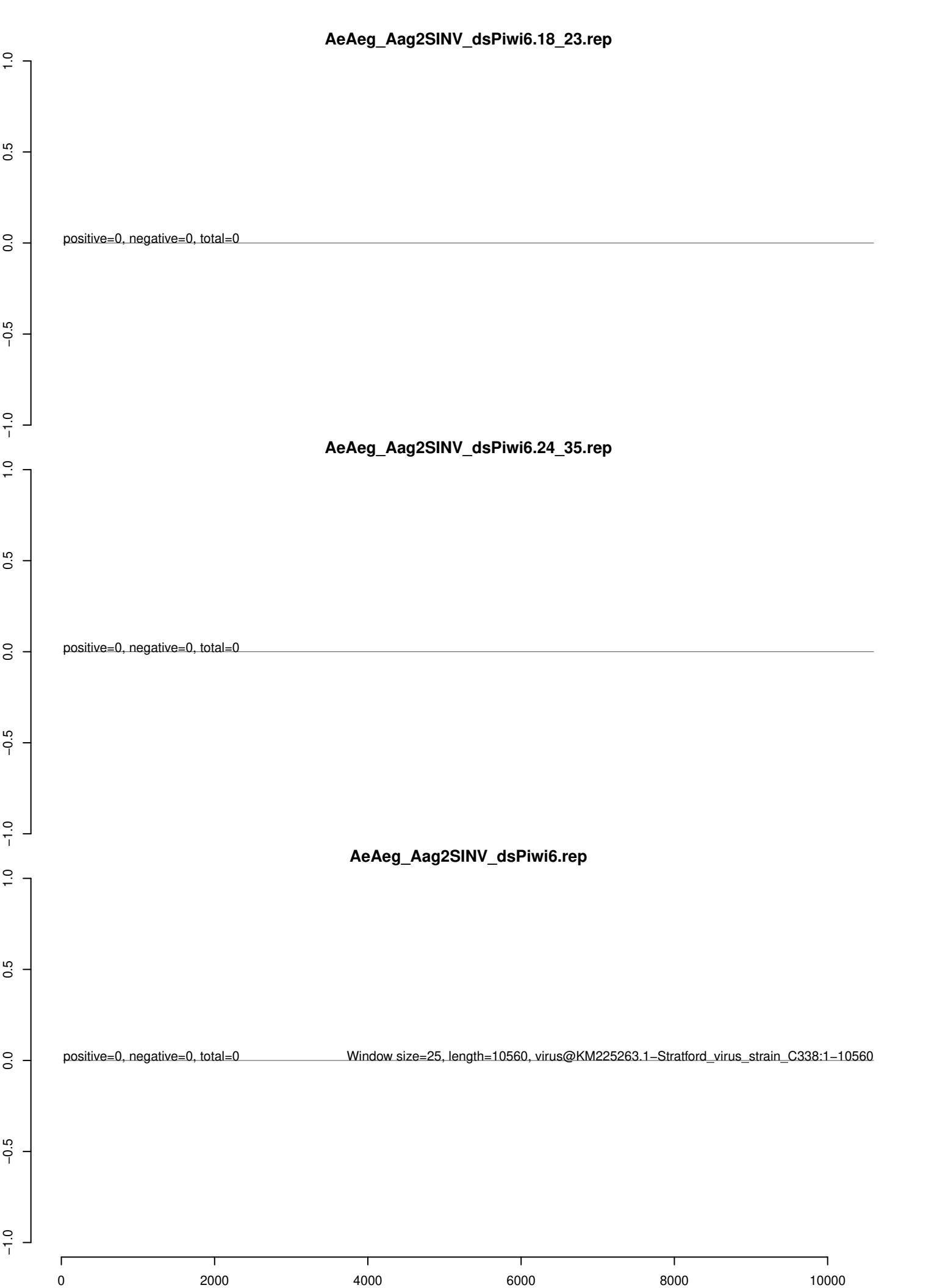
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positive=0, negative=0, total=0
Window size=25, length=10560, virus@KM225263.1−Stratford_virus_strain_C338:1−10560
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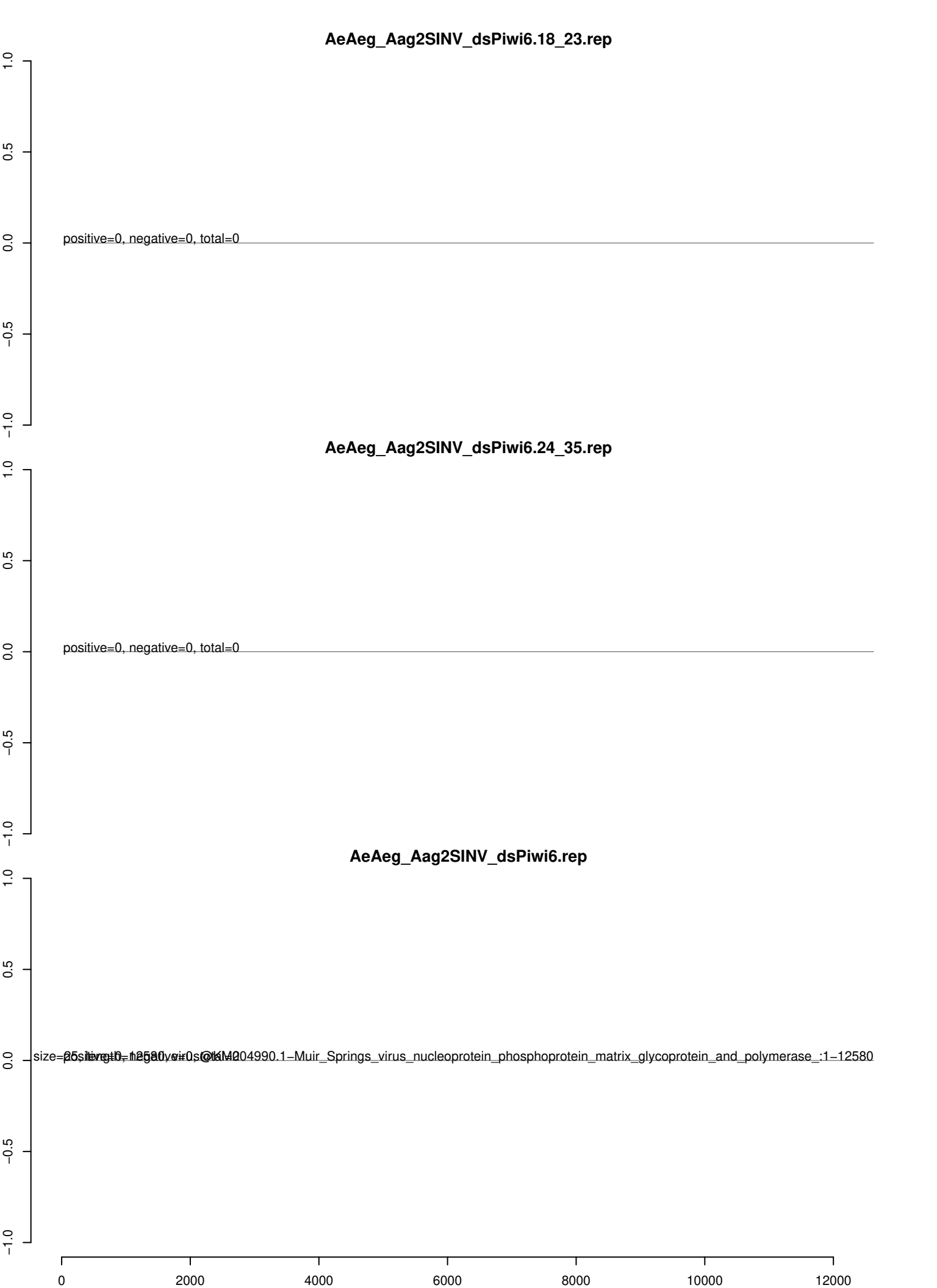
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KM204990.1–Muir_Springs_virus_nucleoprotein_phosphoprotein_matrix_glycoprotein_and_polymerase_:1–12580
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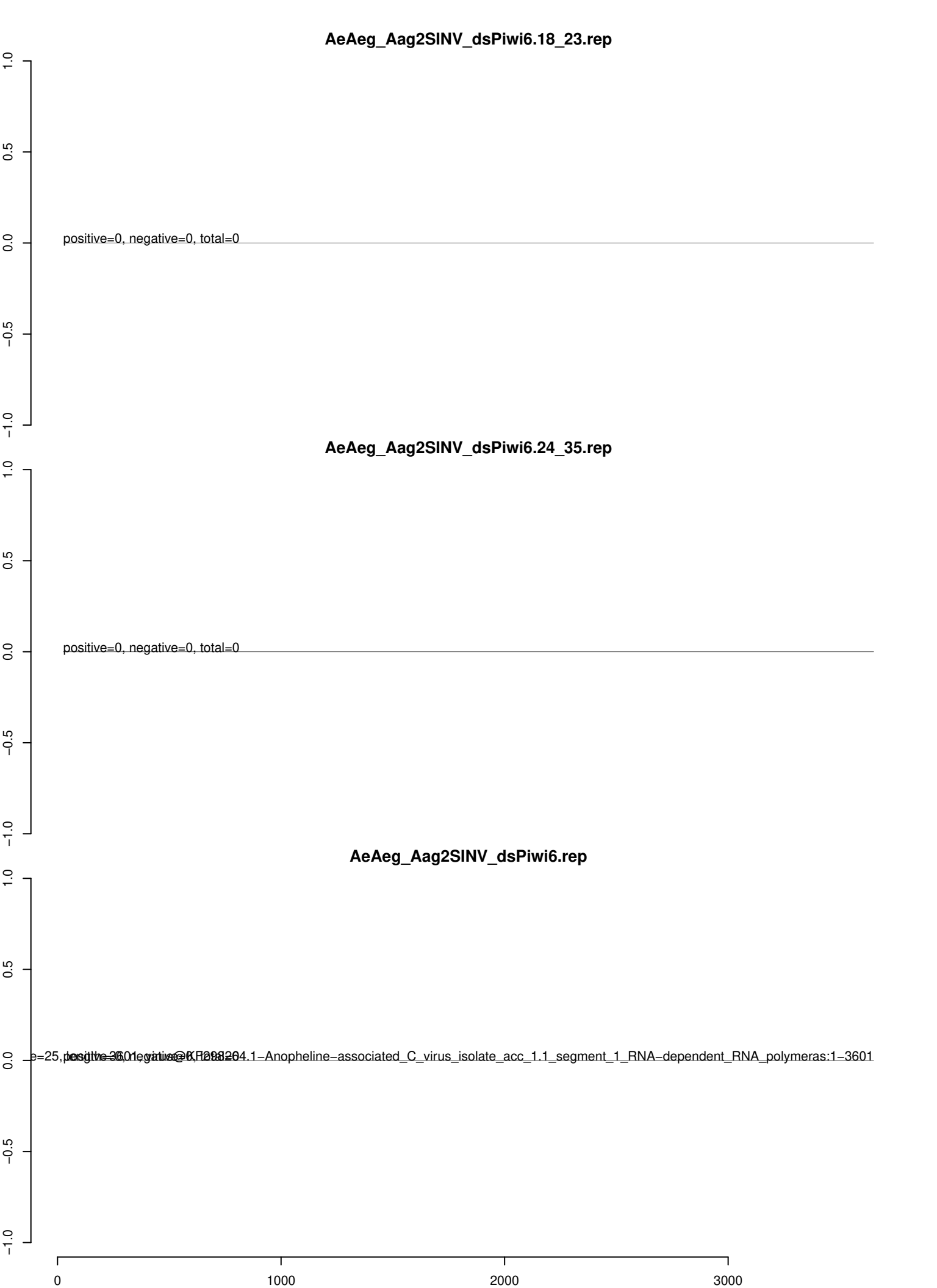
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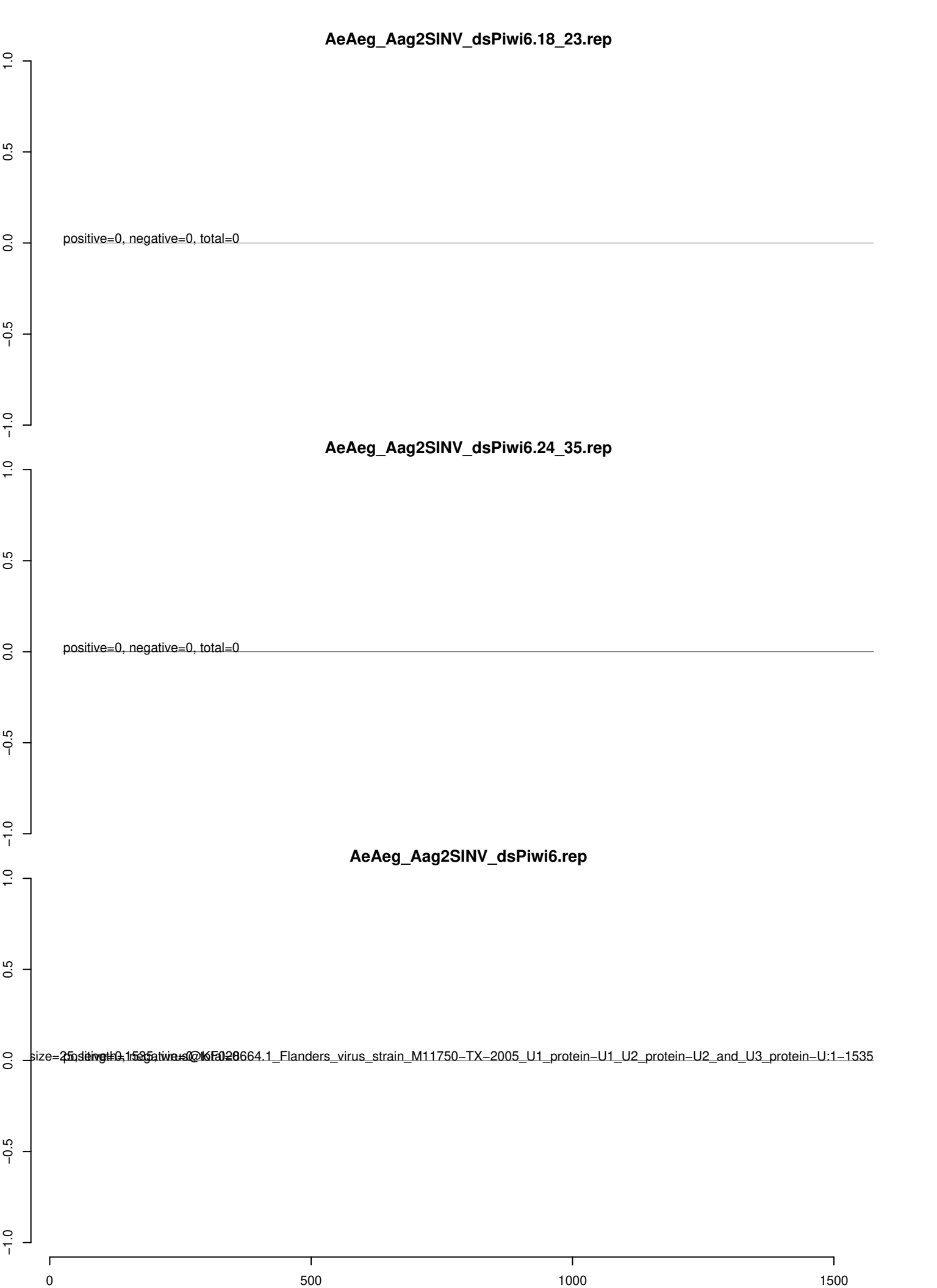
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size=25, length=1535, wu=0.KF028664.1_Flanders_virus_strain_M11750-TX-2005_U1_protein-U1_U2_protein-U2_and_U3_protein-U:1-1535
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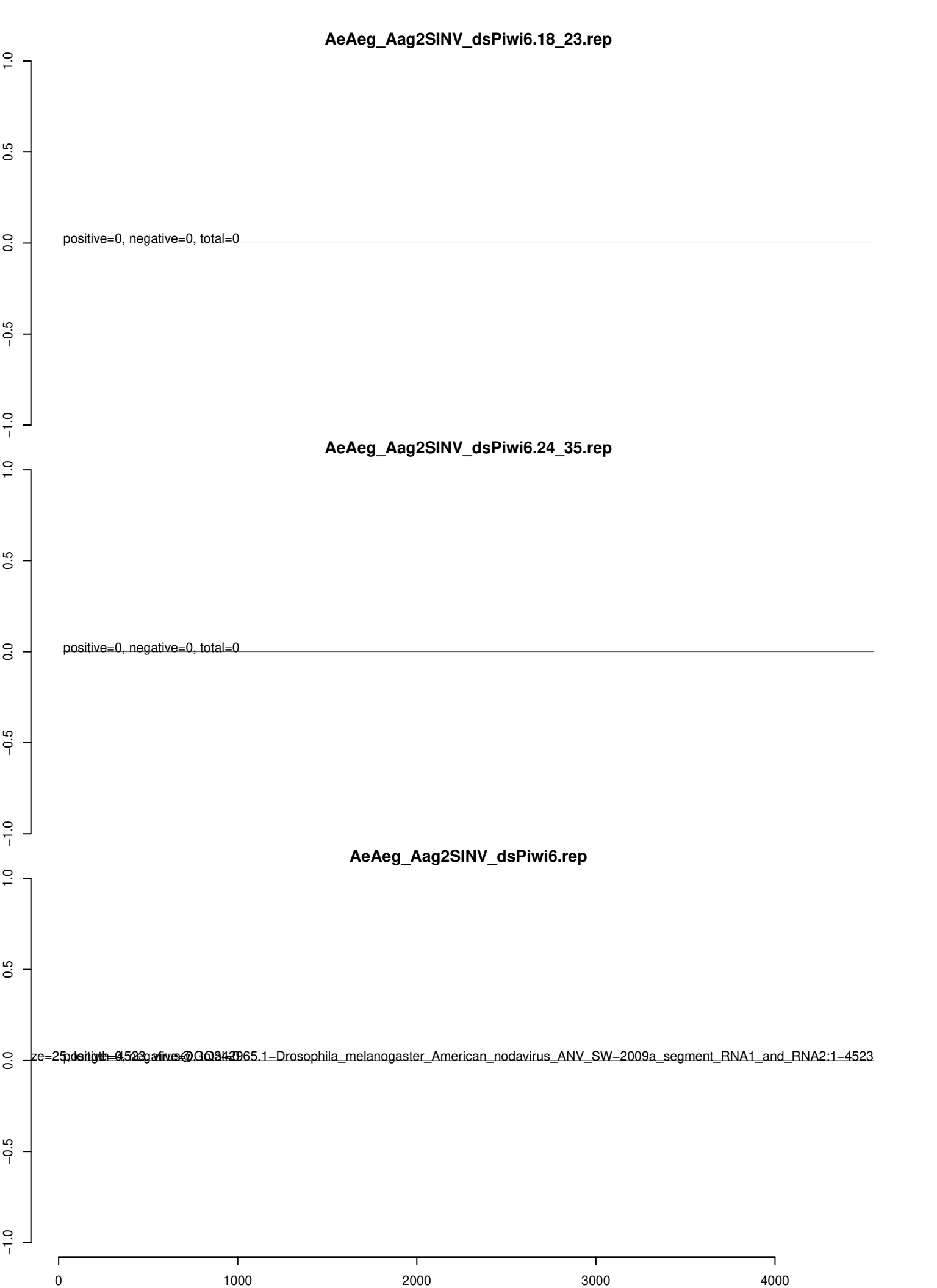
1500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positive=0, negative=0, total=0
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ze=25 length=4523 virus@GCA42965.1−Drosophila_melanogaster_American_nodavirus_ANV_SW−2009a_segment_RNA1_and_RNA2:1−4523
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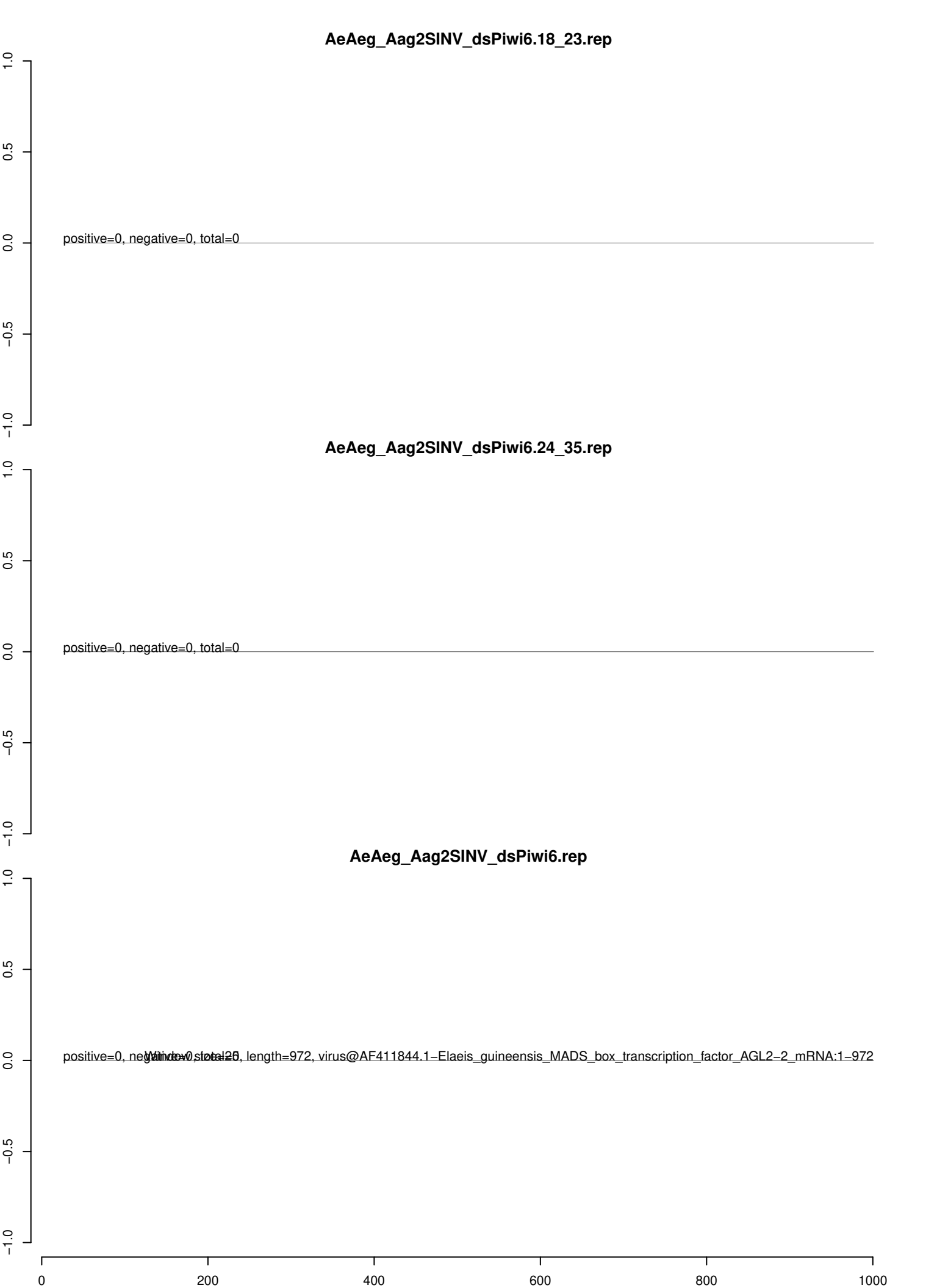
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