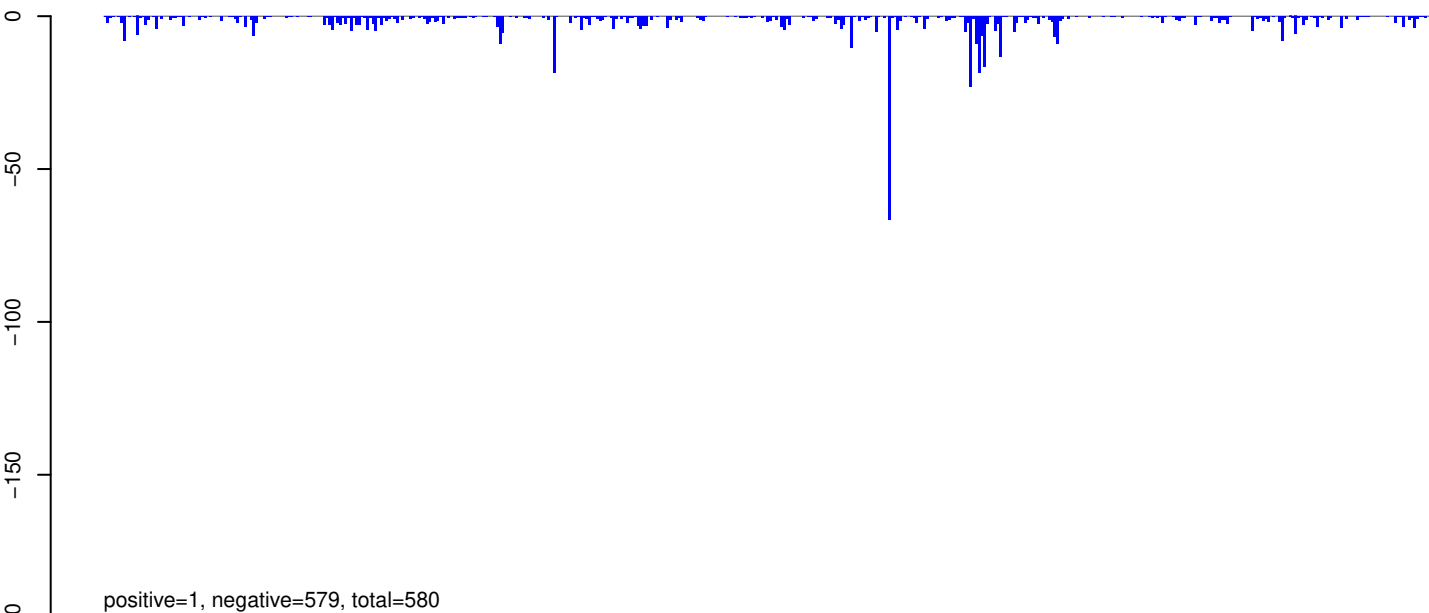
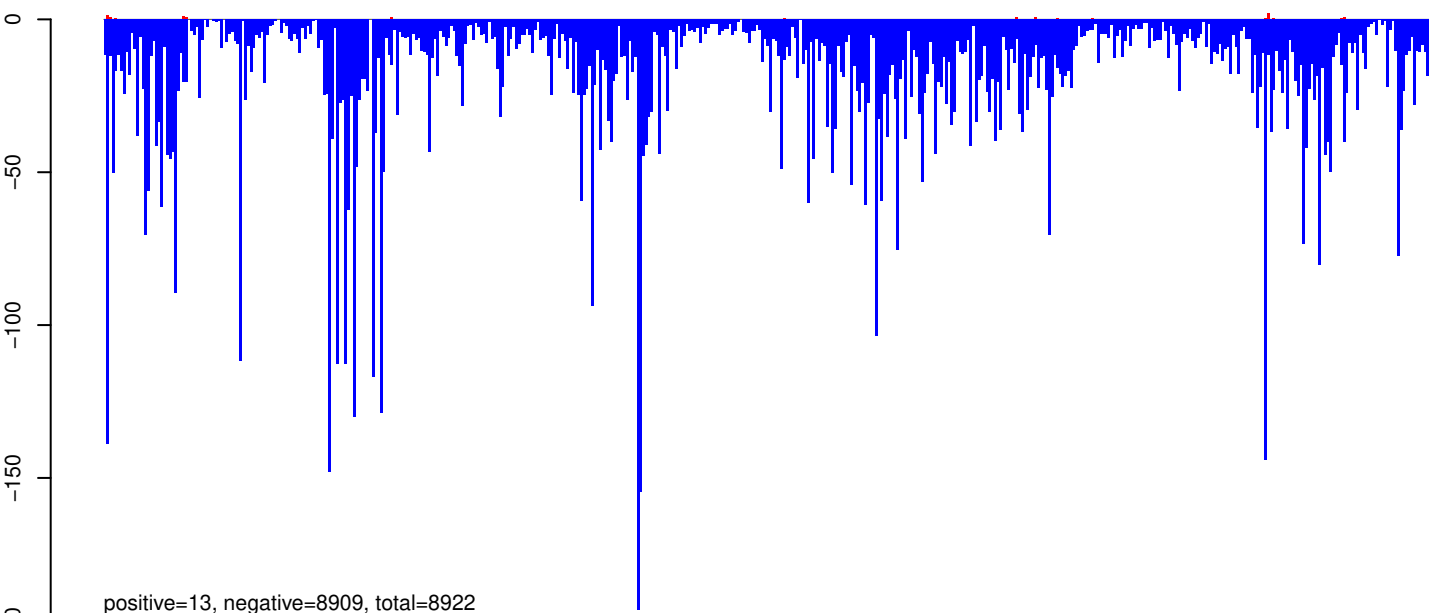


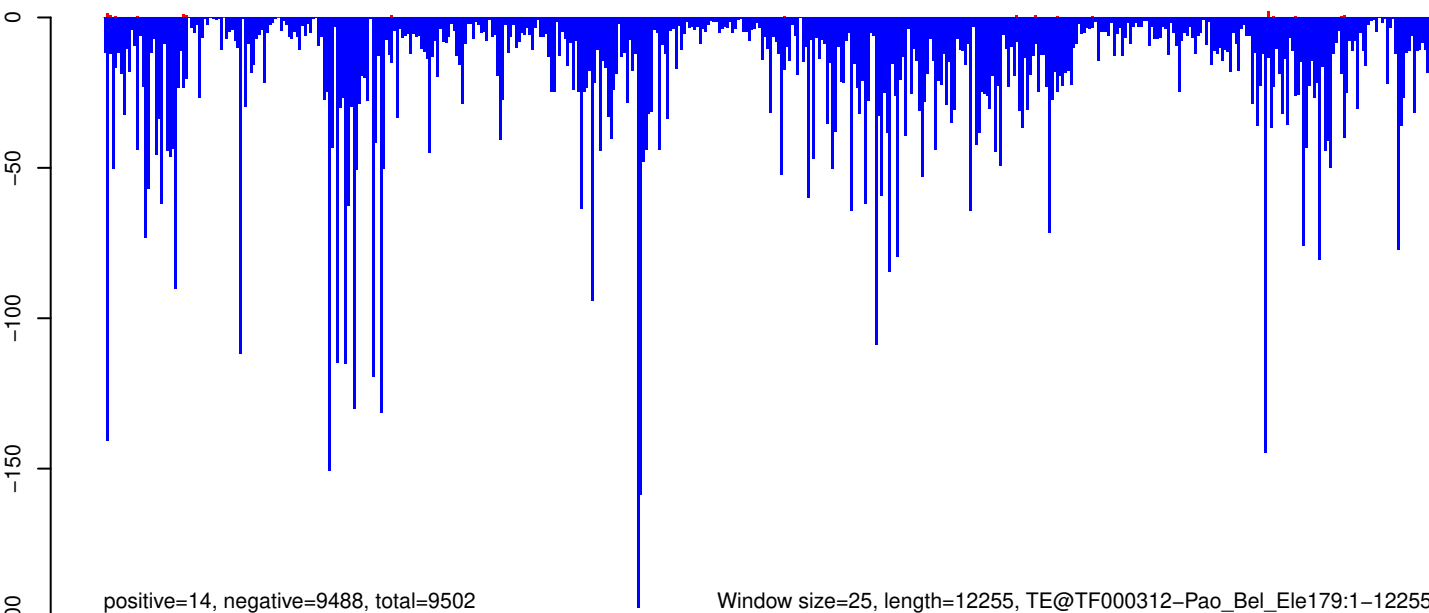
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

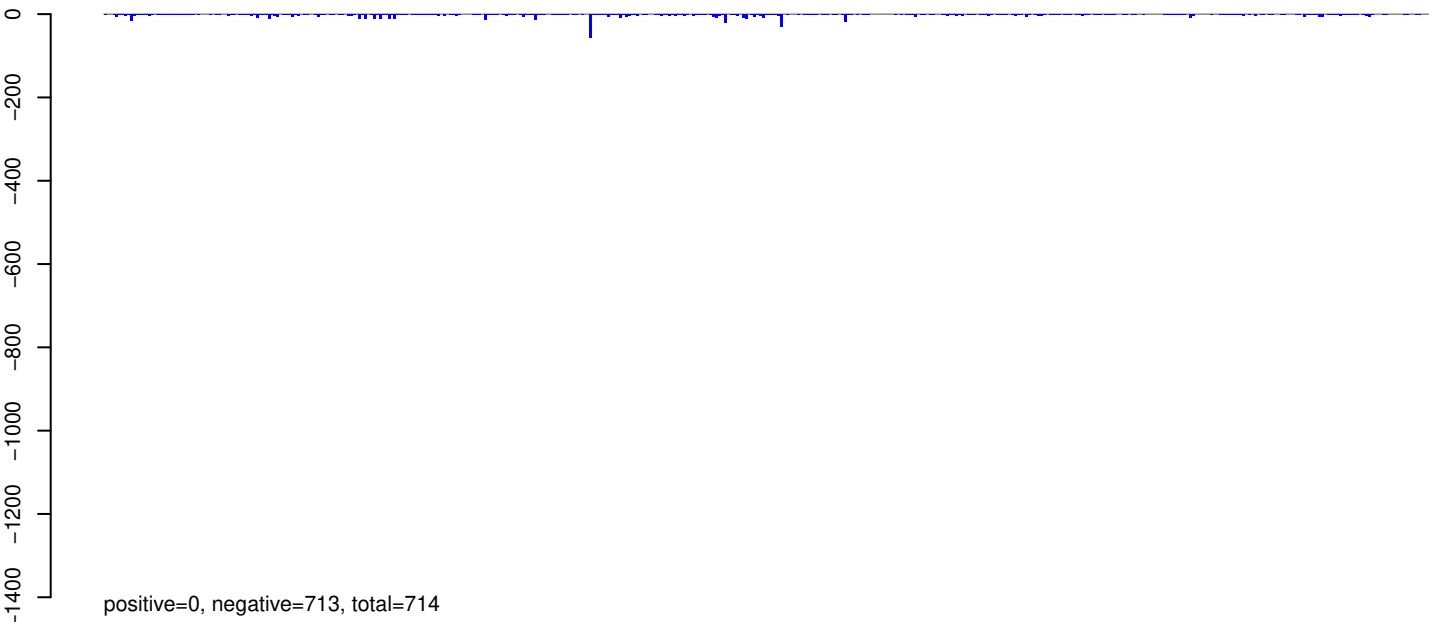


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

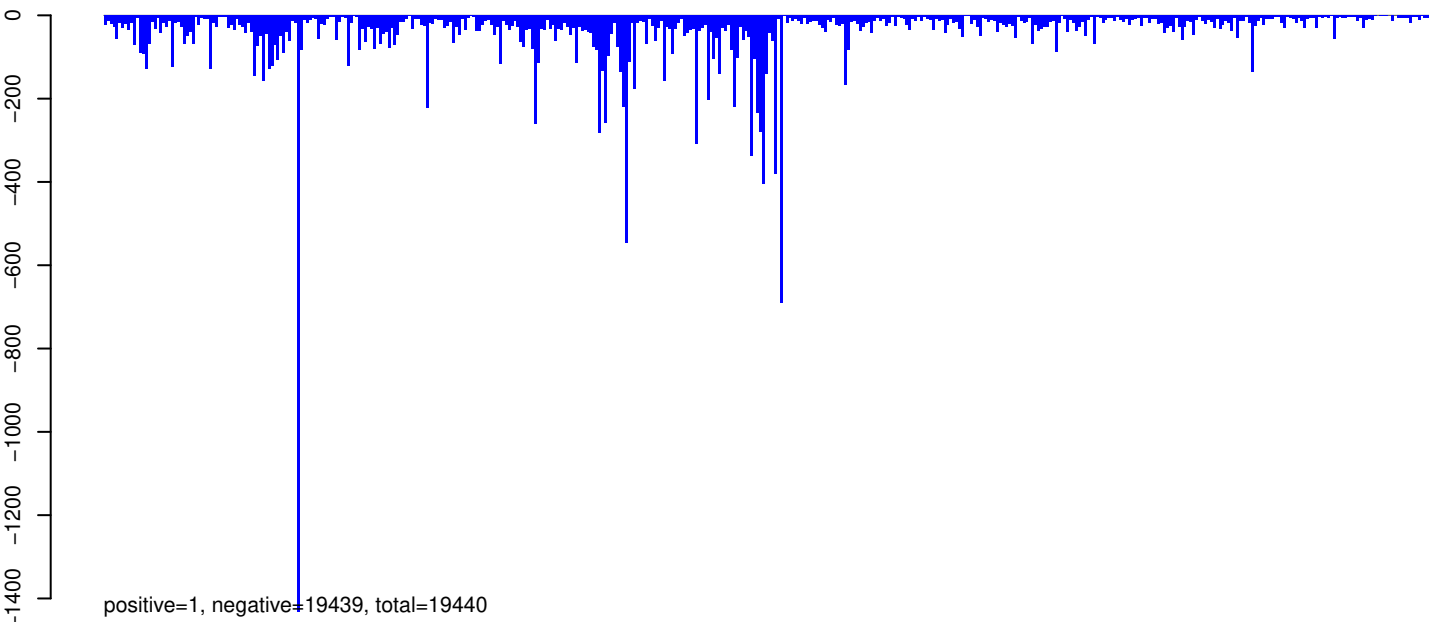


0 2000 4000 6000 8000 10000 12000

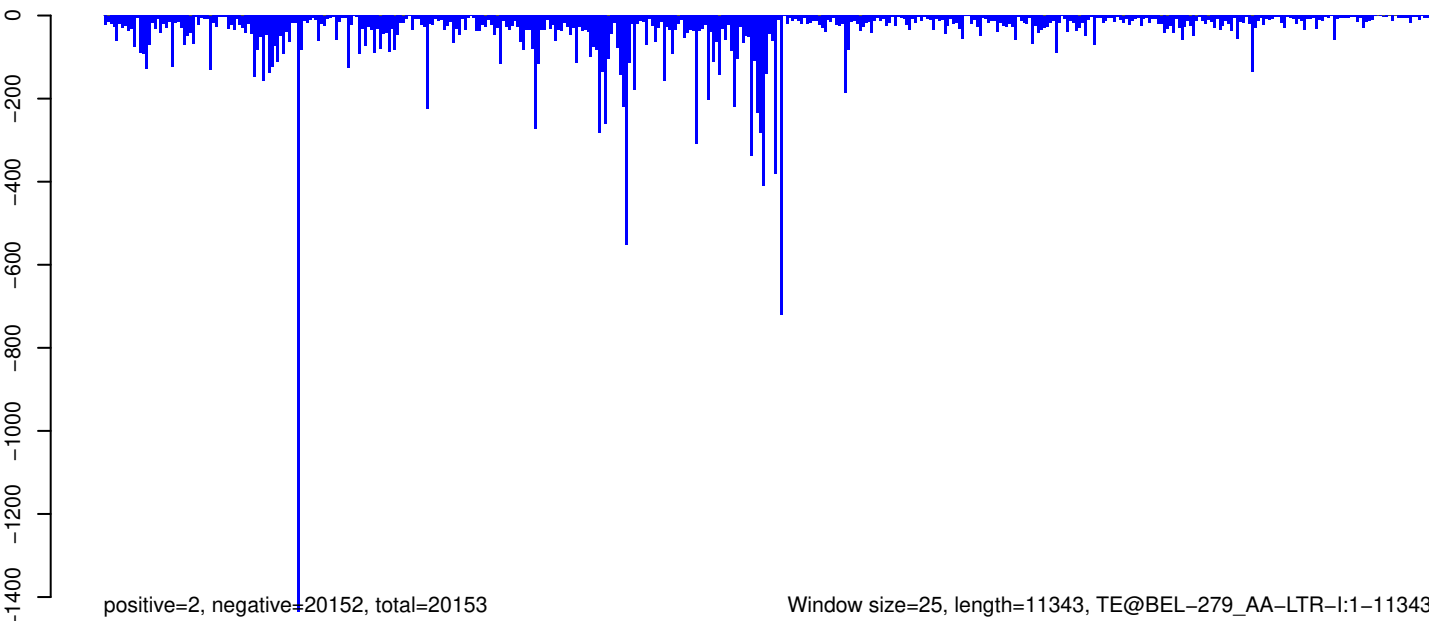
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



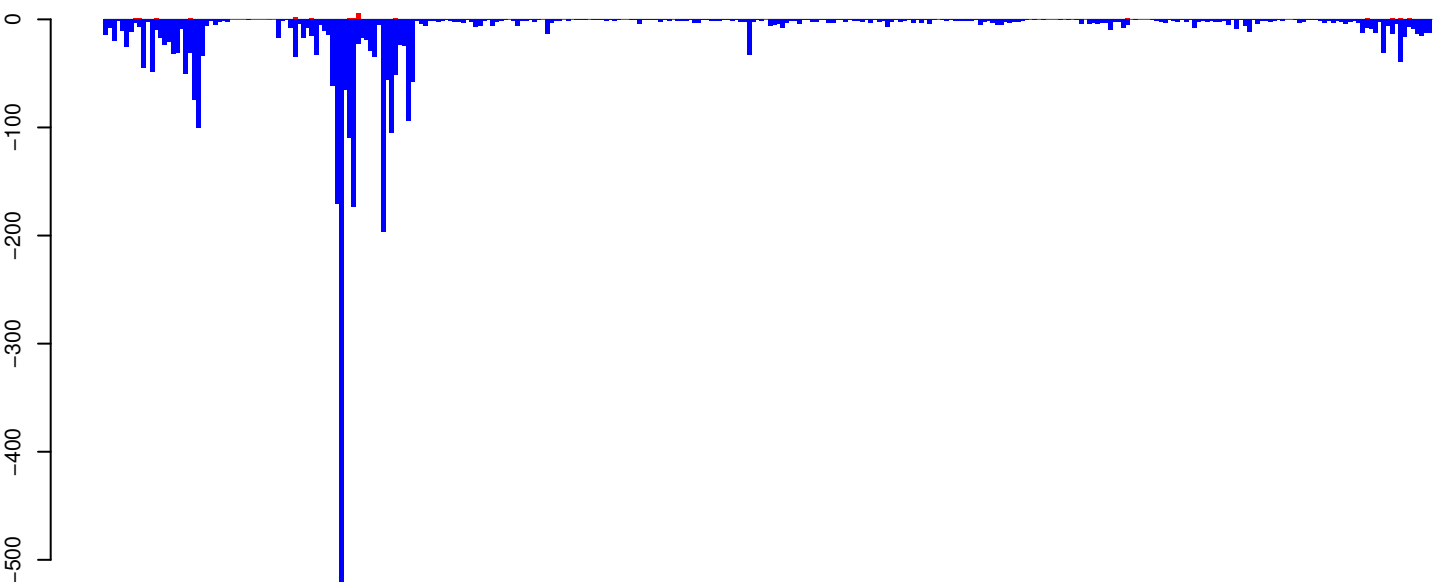
0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



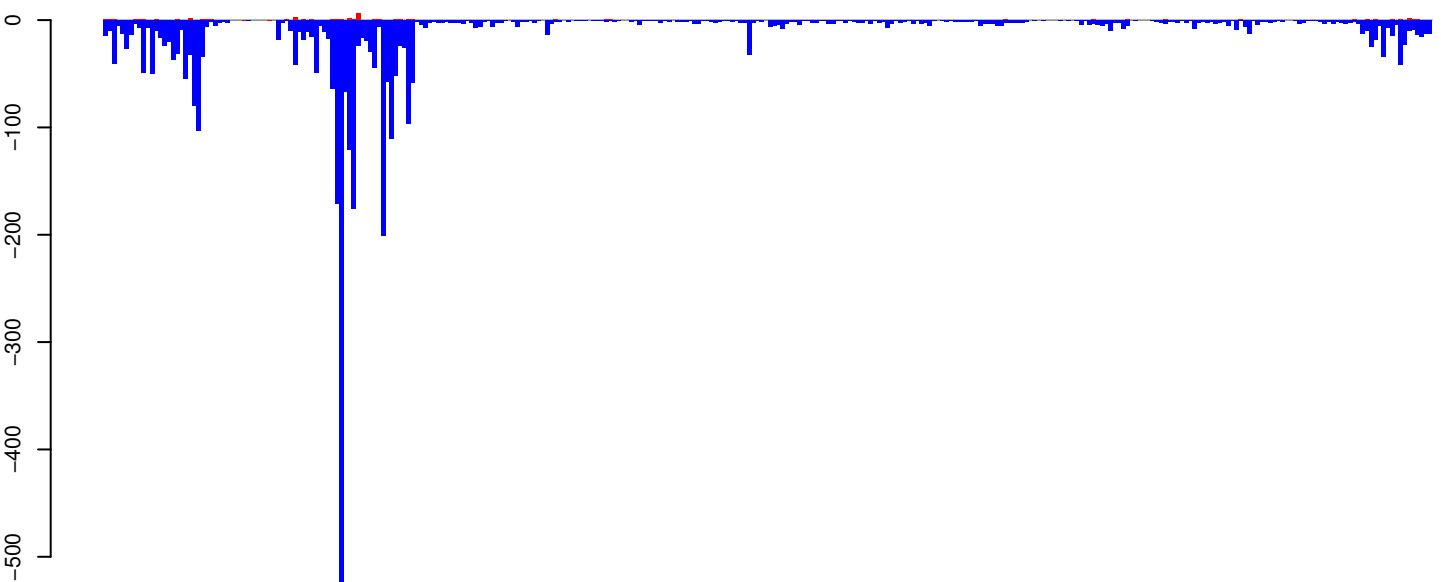
positive=3, negative=207, total=210

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



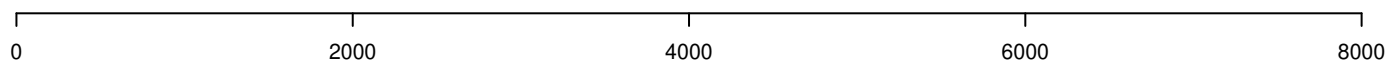
positive=32, negative=3368, total=3401

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

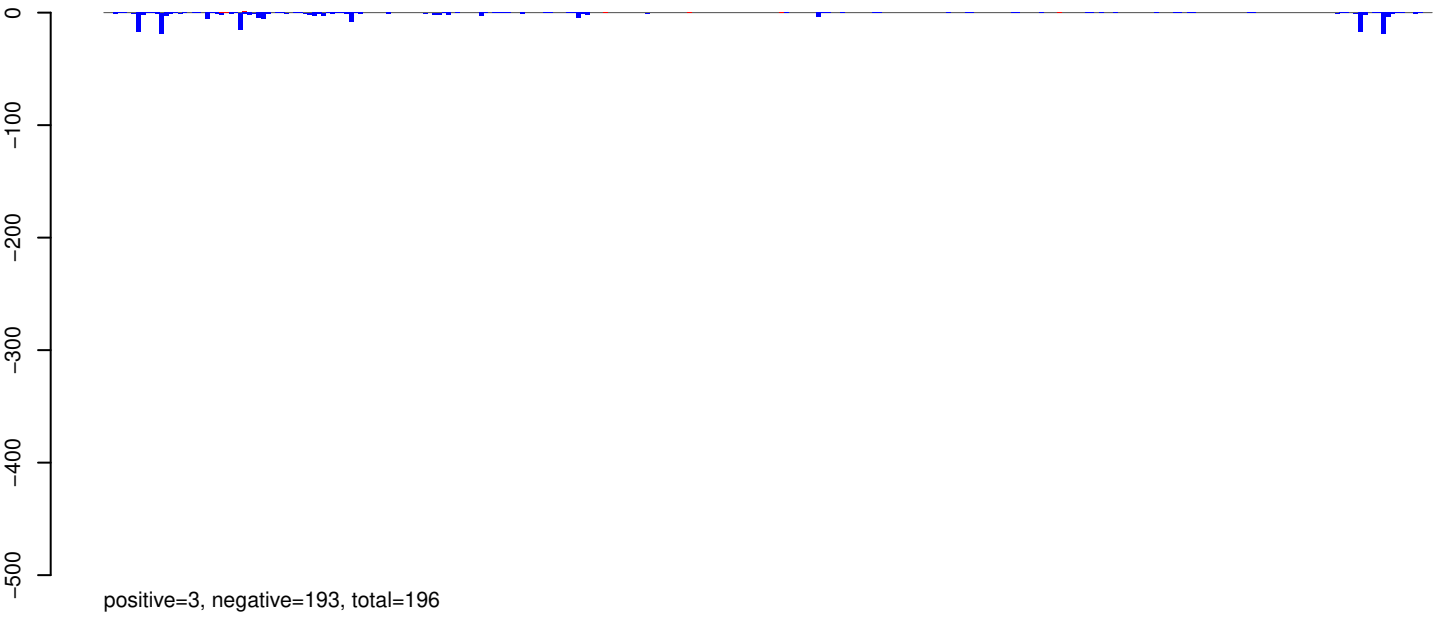


positive=35, negative=3575, total=3611

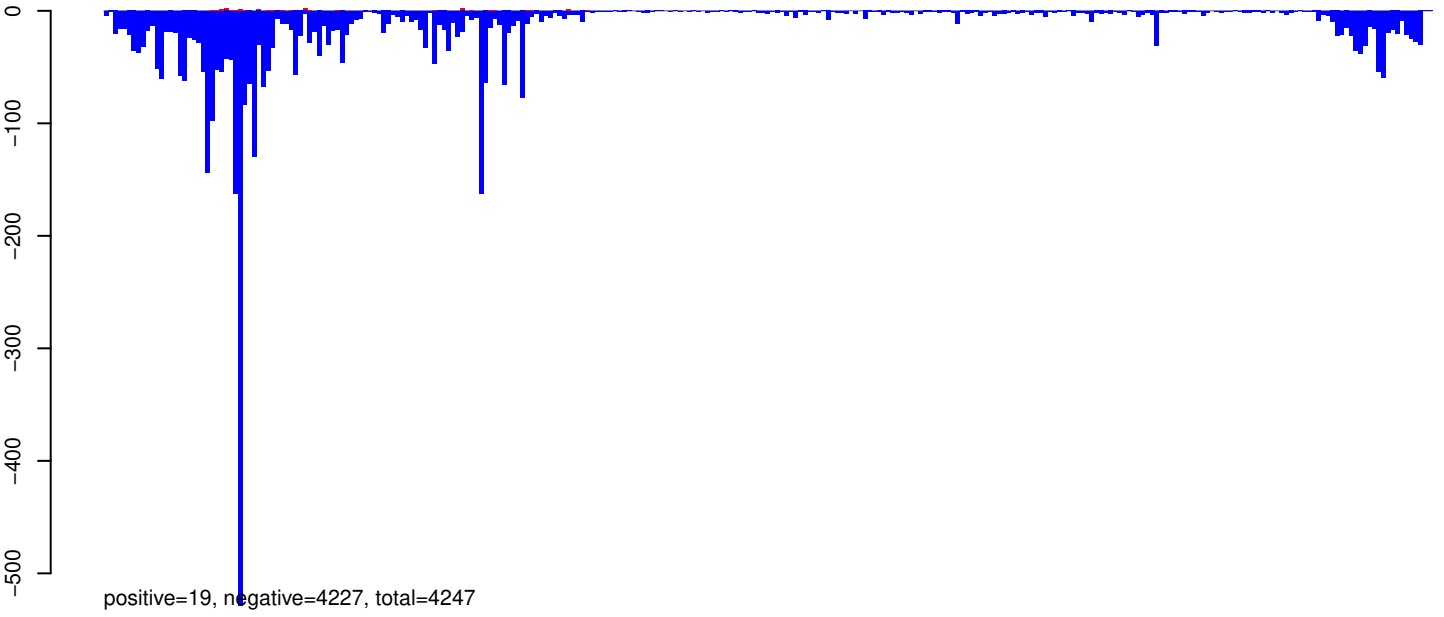
Window size=25, length=7897, TE@TF000419-Ty3\_gypsy\_Ele122:1-7897



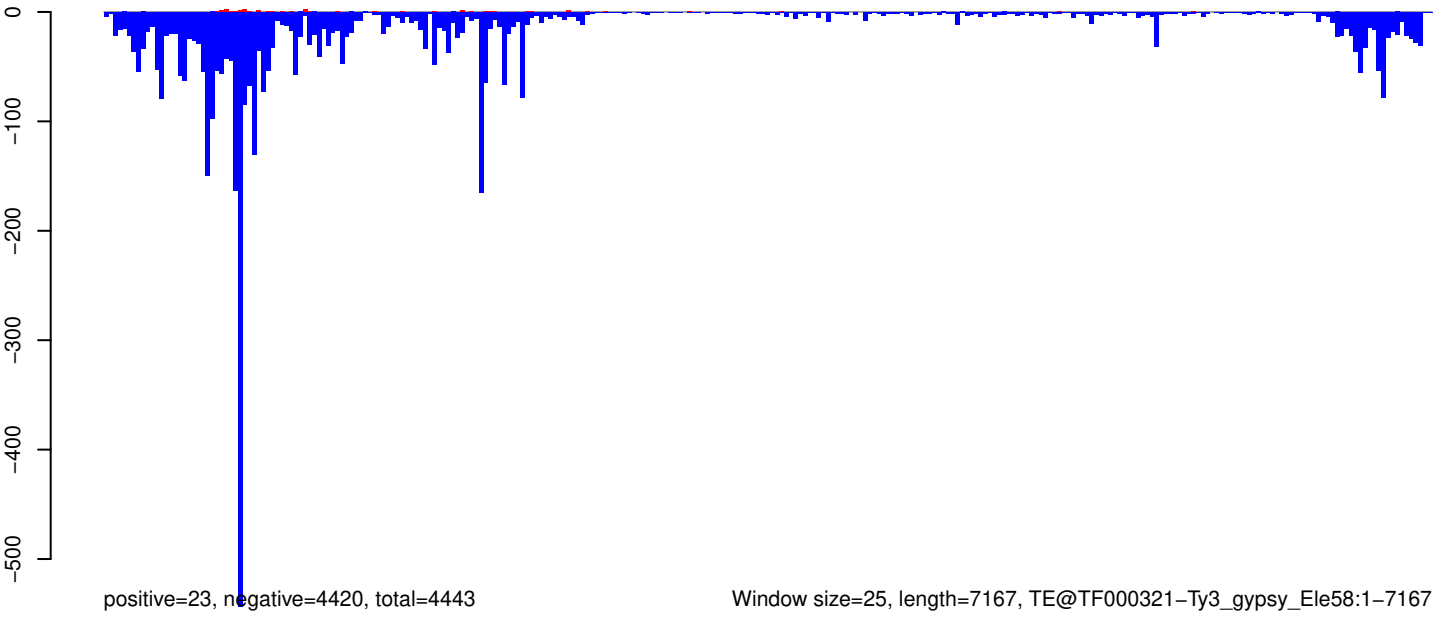
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=7167, TE@TF000321-Ty3\_gypsy\_Ele58:1-7167

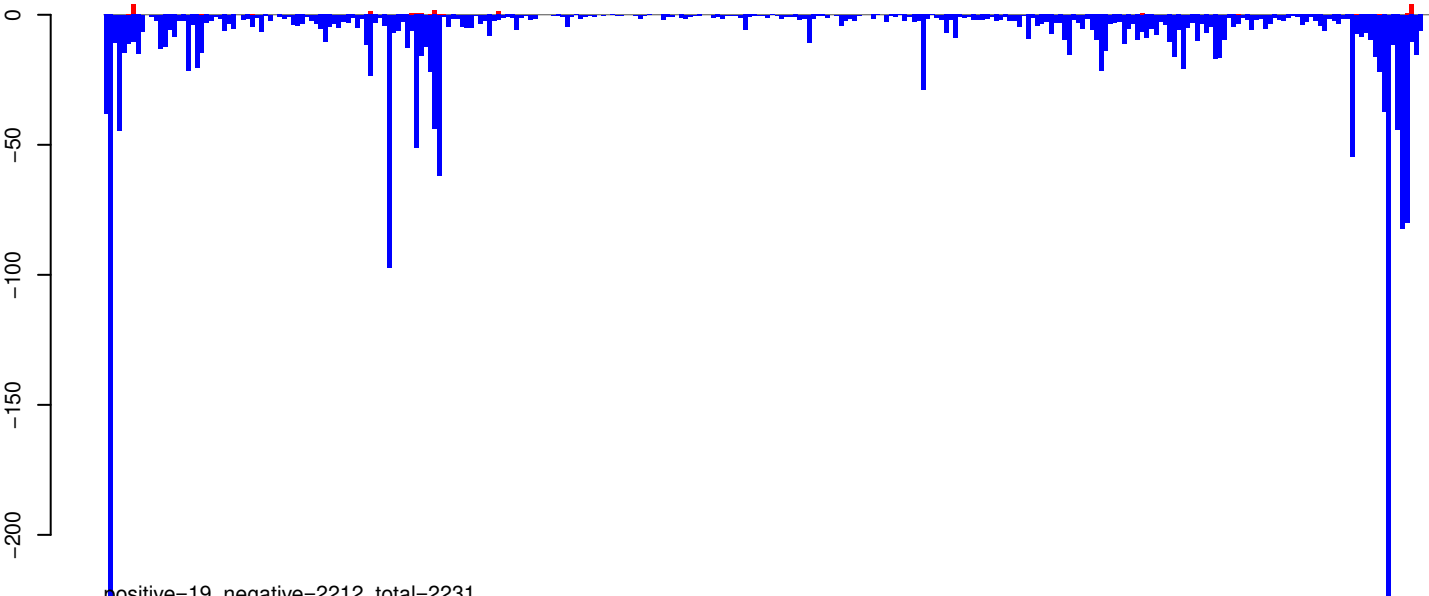
0 1000 2000 3000 4000 5000 6000 7000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



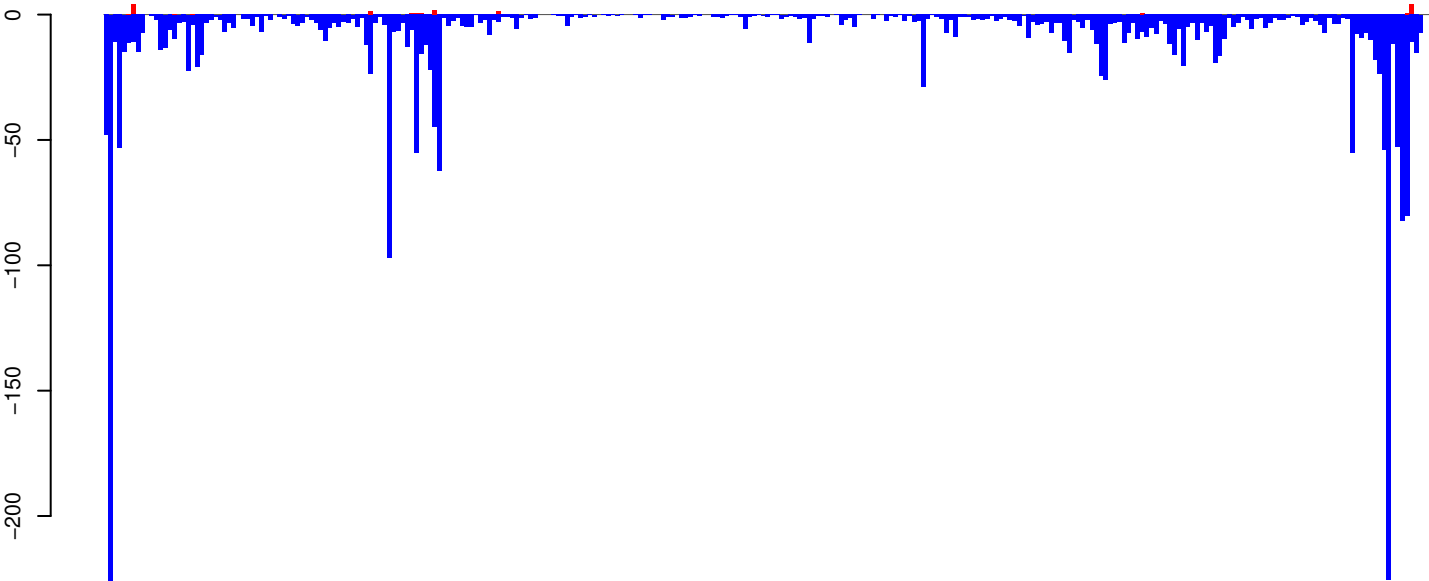
positive=1, negative=123, total=123

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=19, negative=2212, total=2231

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

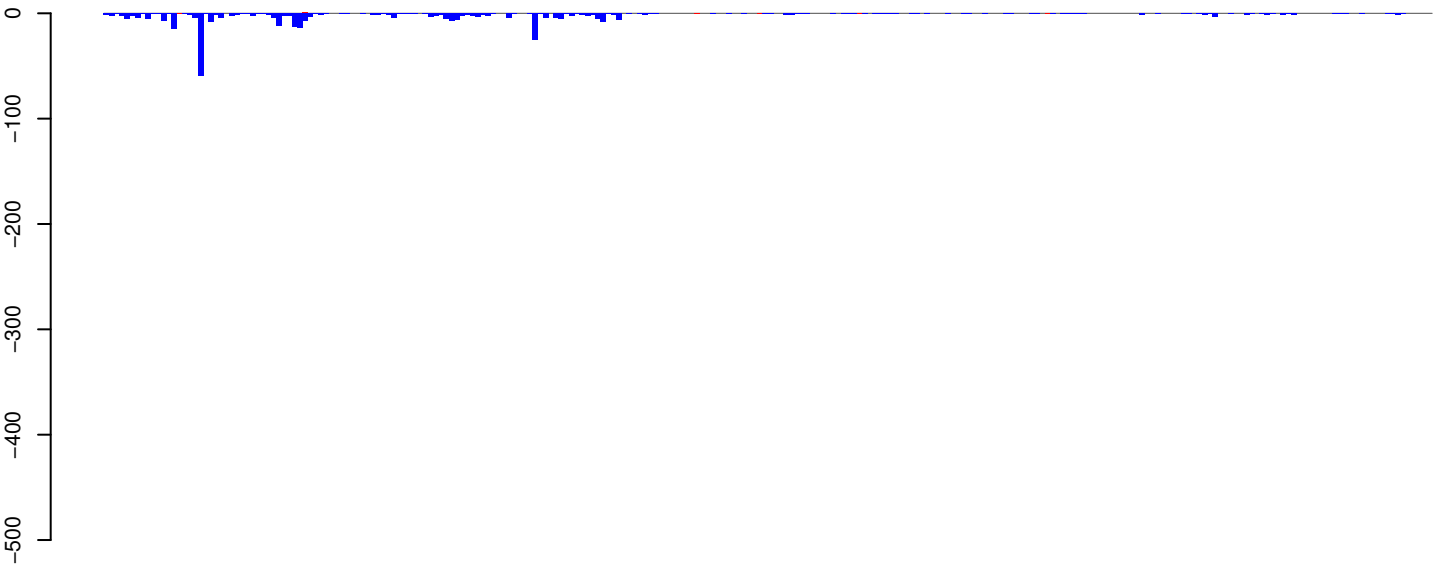


positive=20, negative=2335, total=2354

Window size=25, length=7262, TE@TF000317-Ty3\_gypsy\_Le54:1-7262

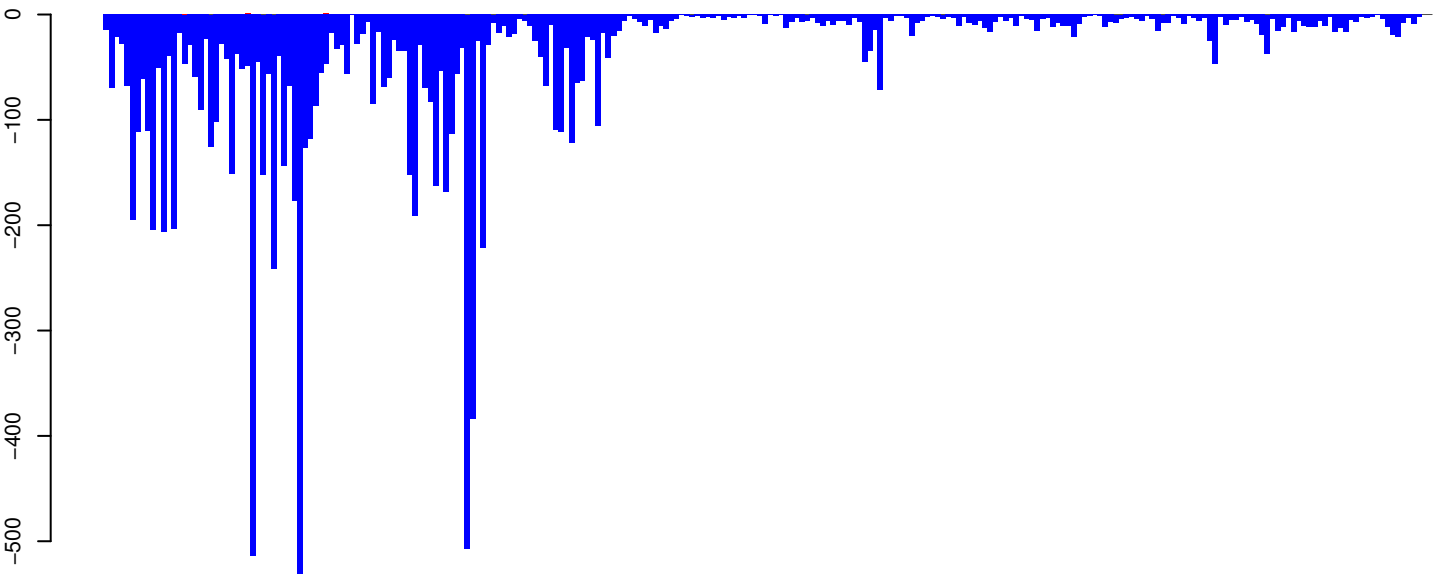
0 2000 4000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



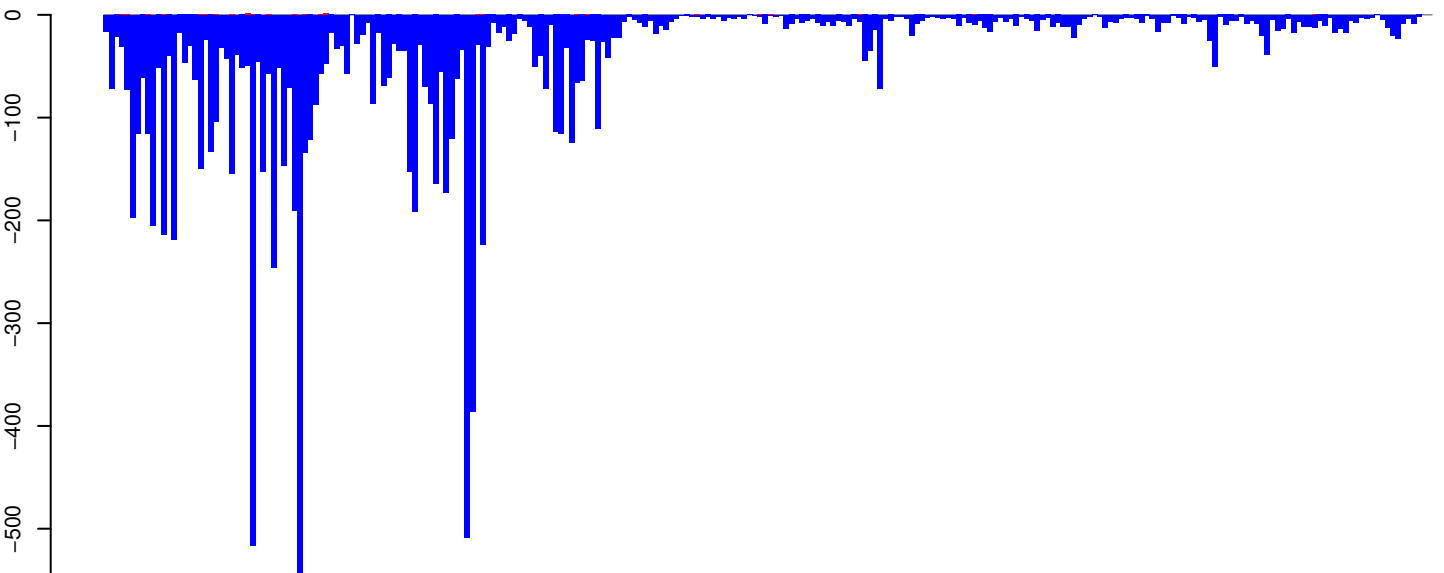
positive=2, negative=353, total=355

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=13, negative=9680, total=9692

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

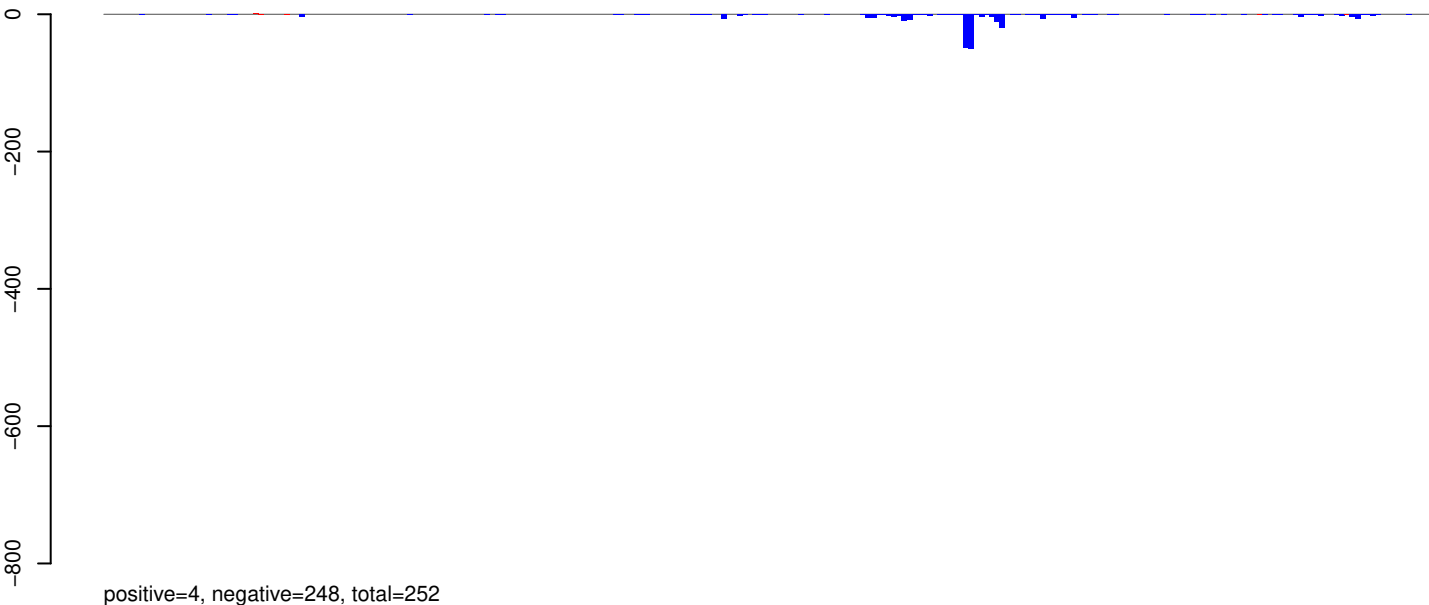


positive=15, negative=10033, total=10048

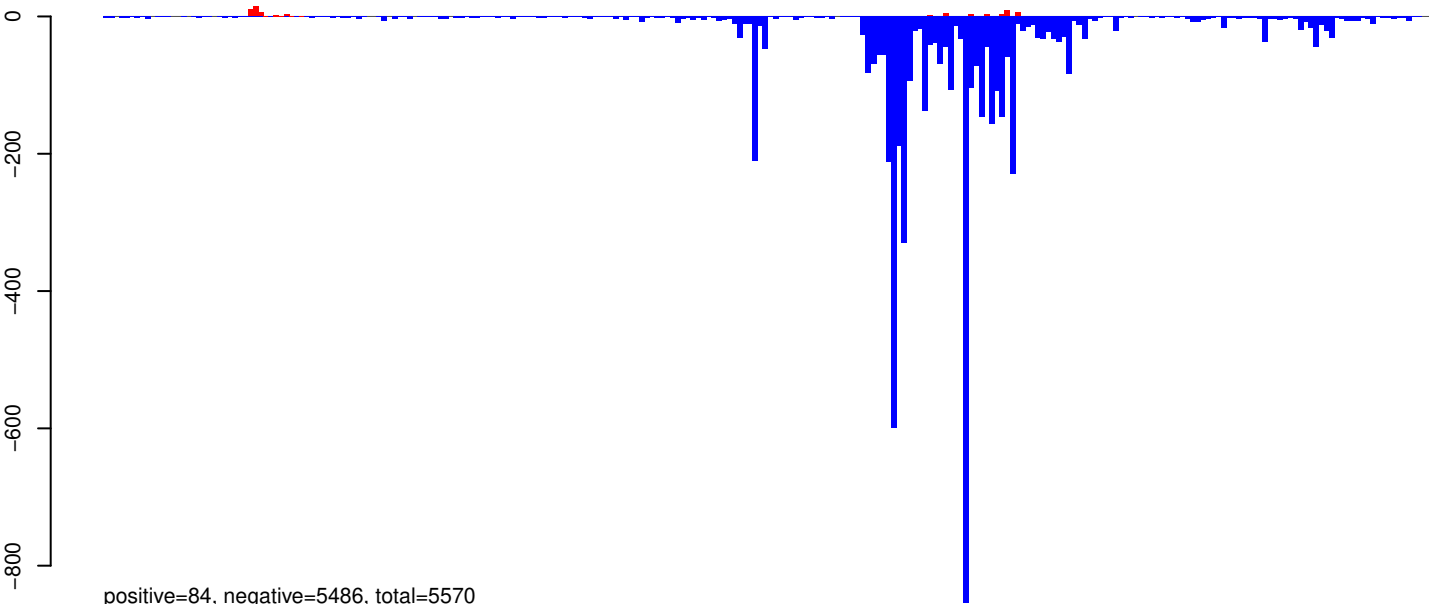
Window size=25, length=6336, TE@Gypsy-593\_AA-LTR-I:1-6336

0 1000 2000 3000 4000 5000 6000

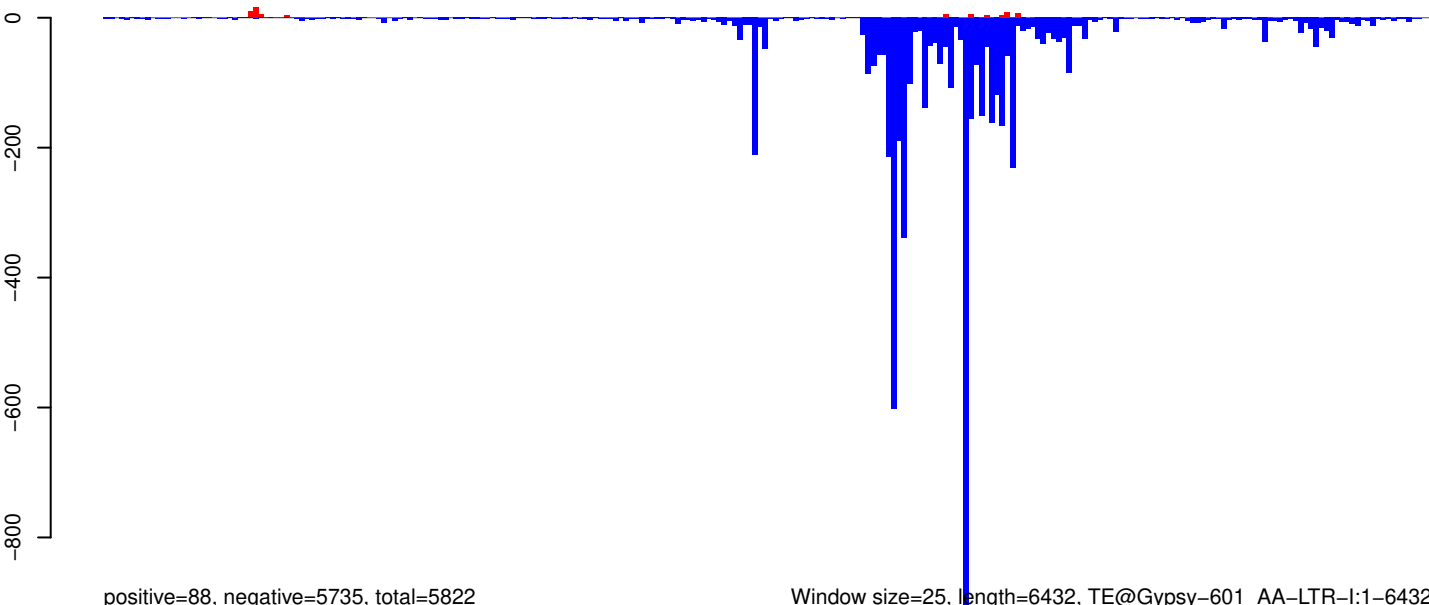
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

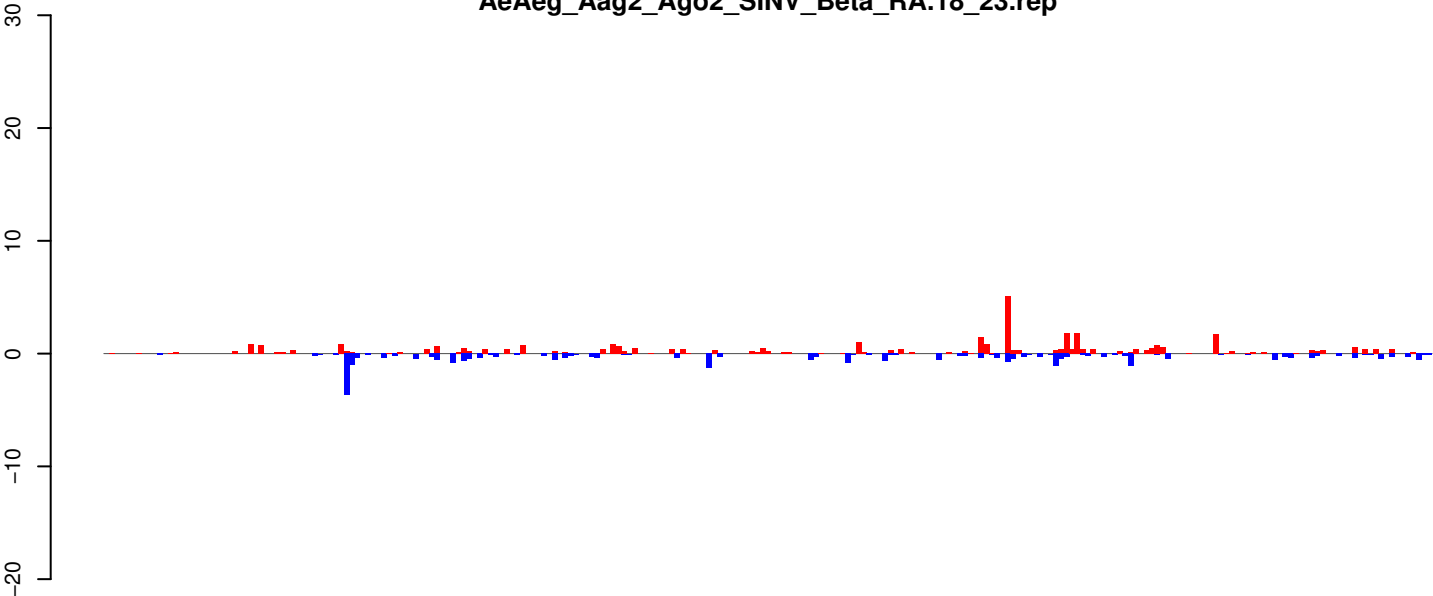


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



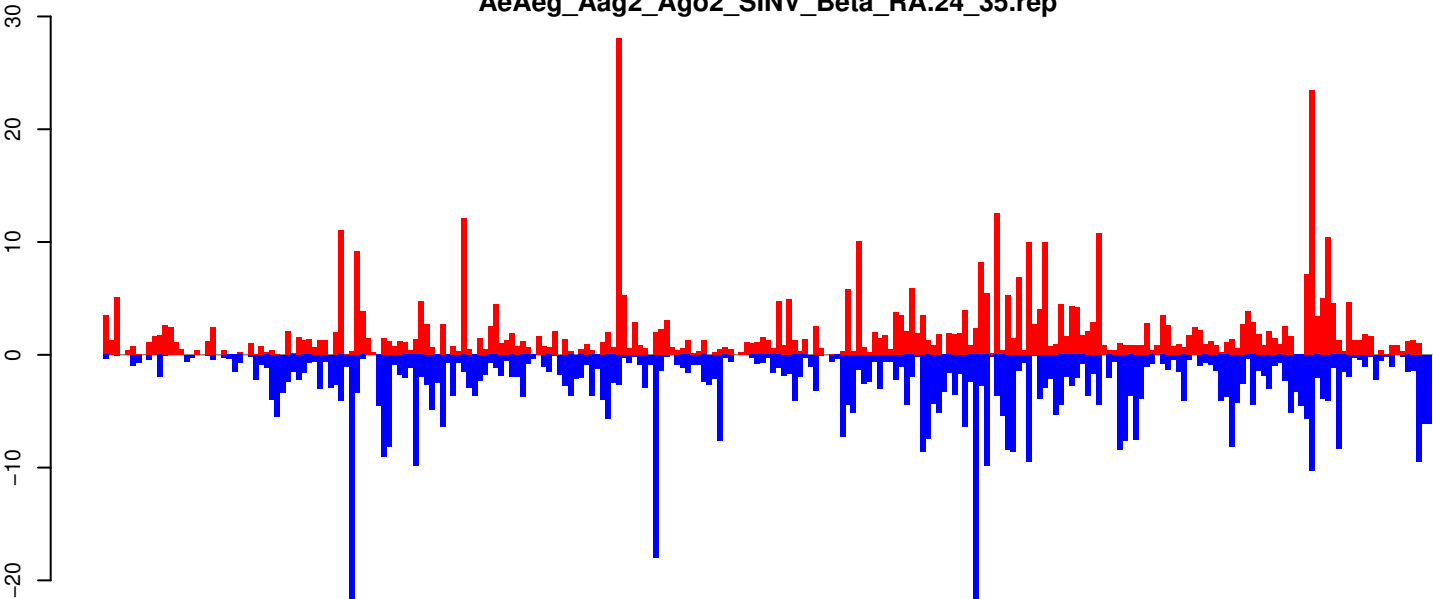
0 1000 2000 3000 4000 5000 6000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



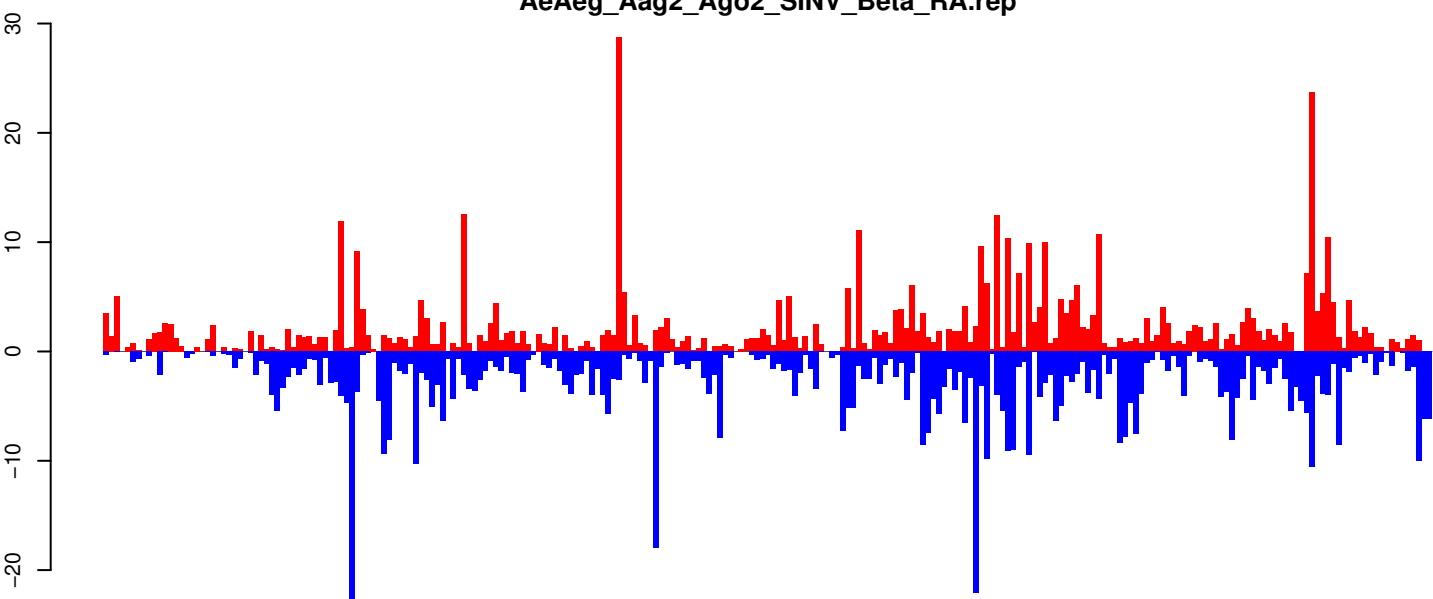
positive=38, negative=31, total=68

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=489, negative=623, total=1112

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



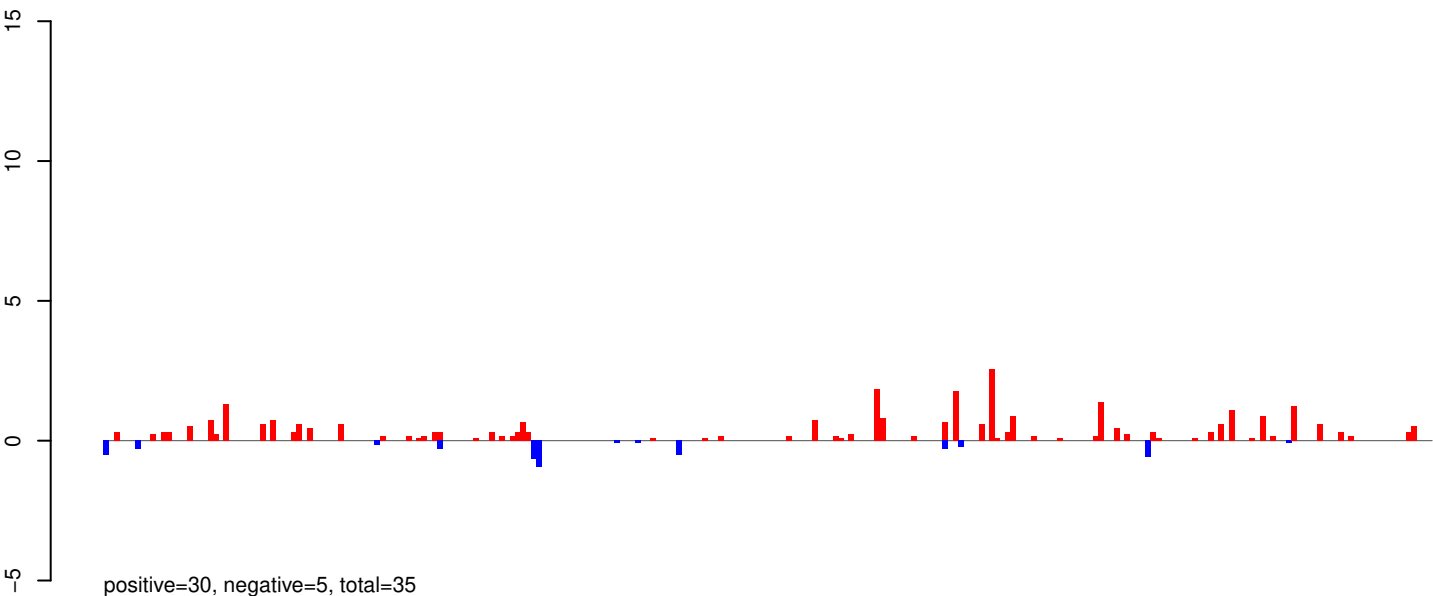
positive=527, negative=654, total=1181

Window size=25, length=6213, TE@BEL-616\_AA-LTR-I:1-6213

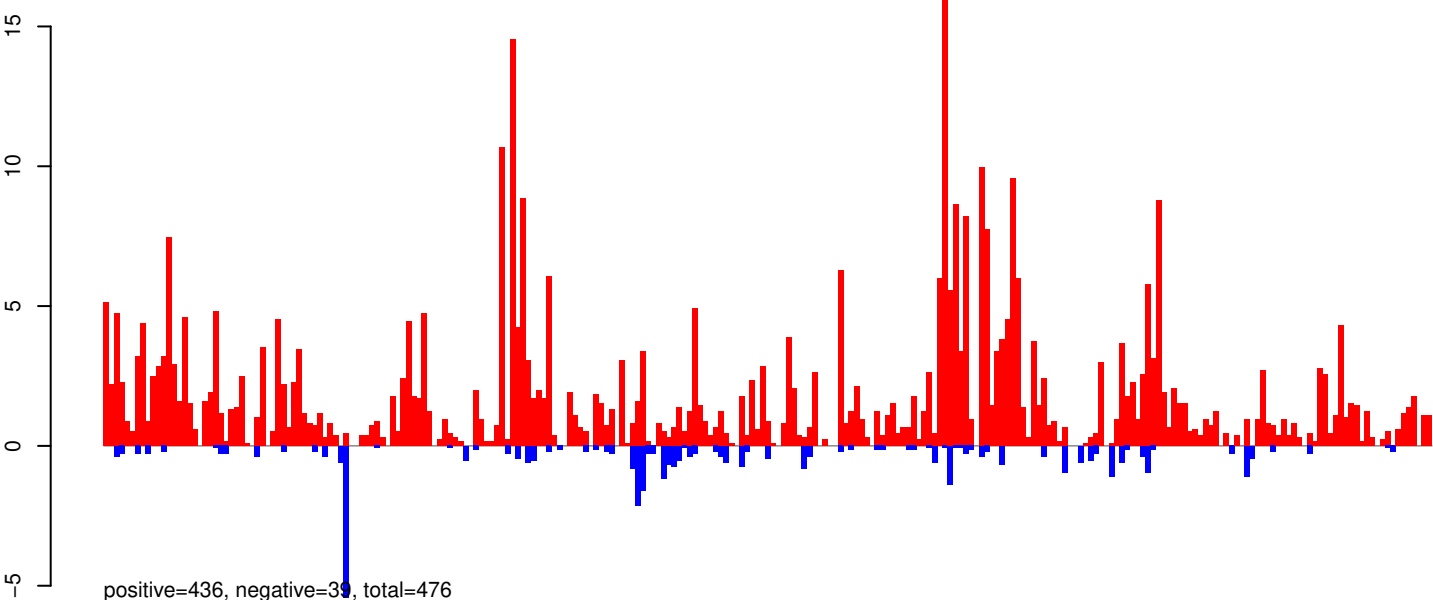
0 1000 2000 3000 4000 5000 6000



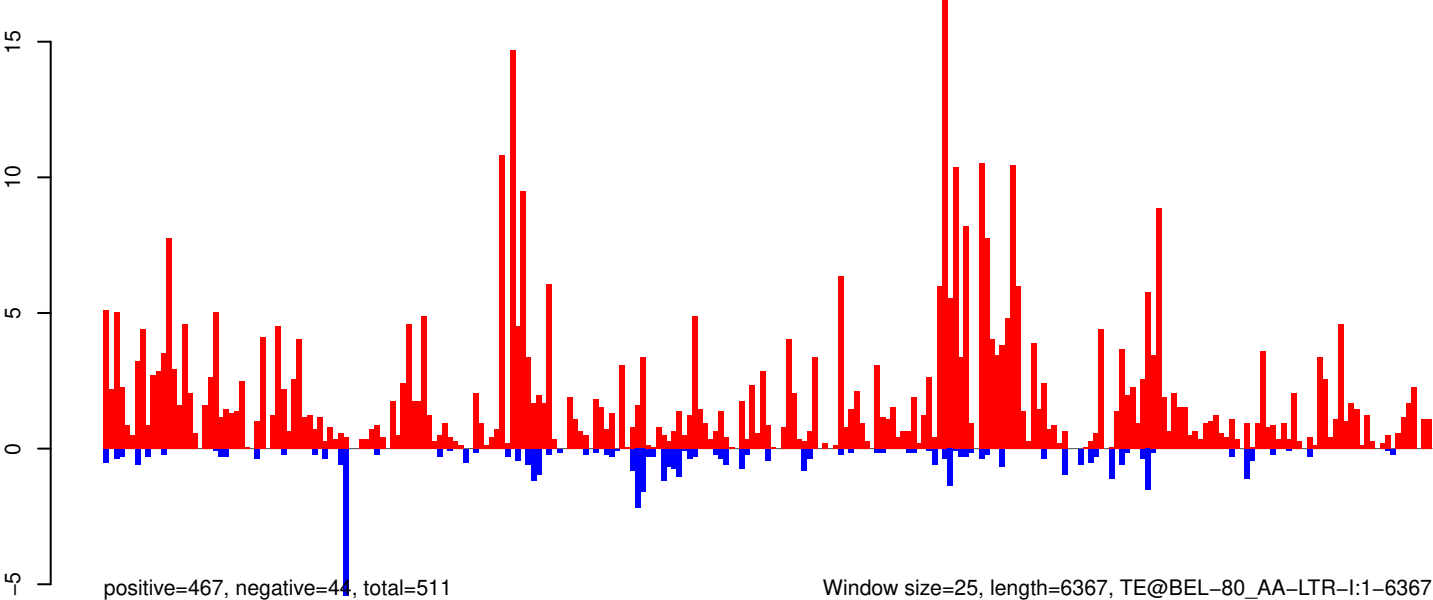
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

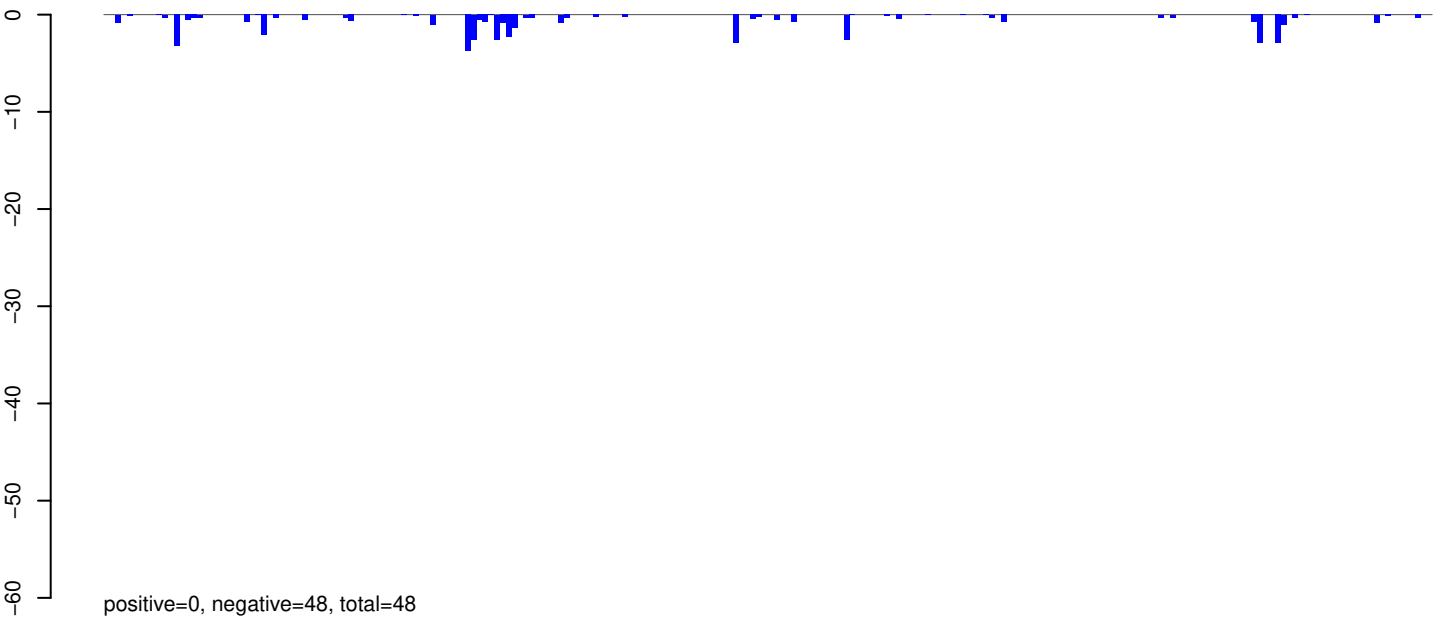


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

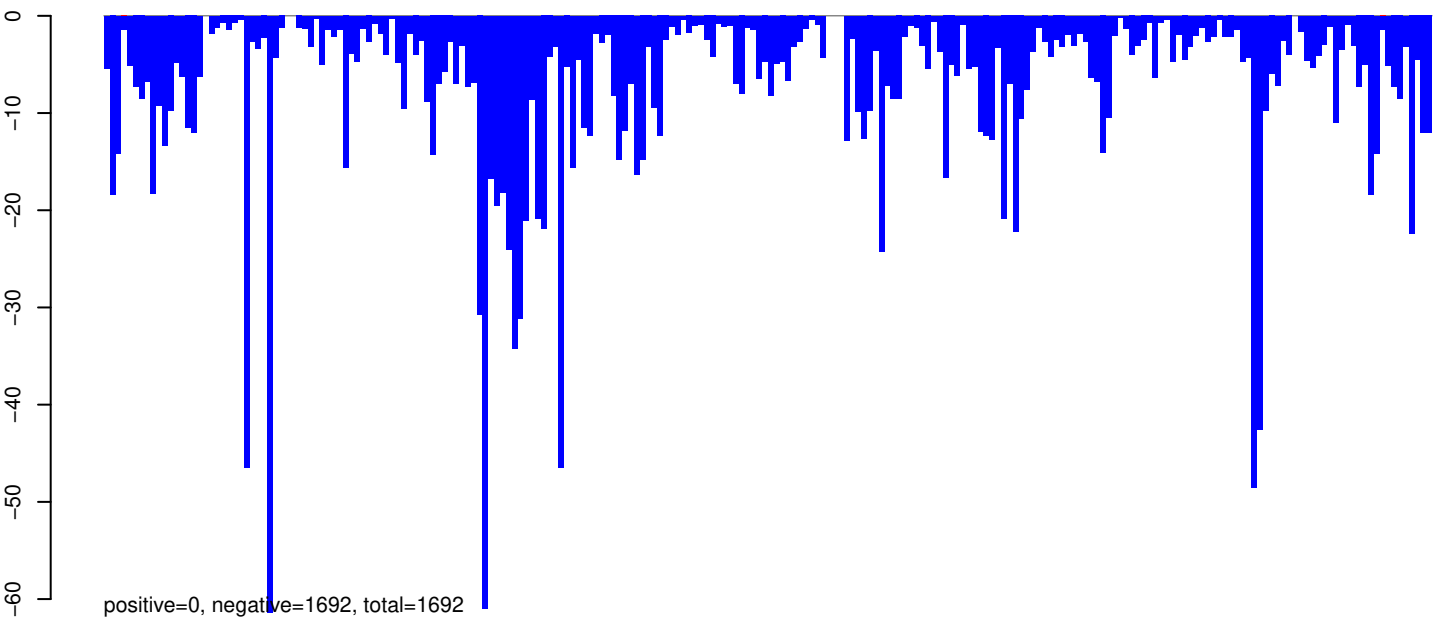


0 1000 2000 3000 4000 5000 6000

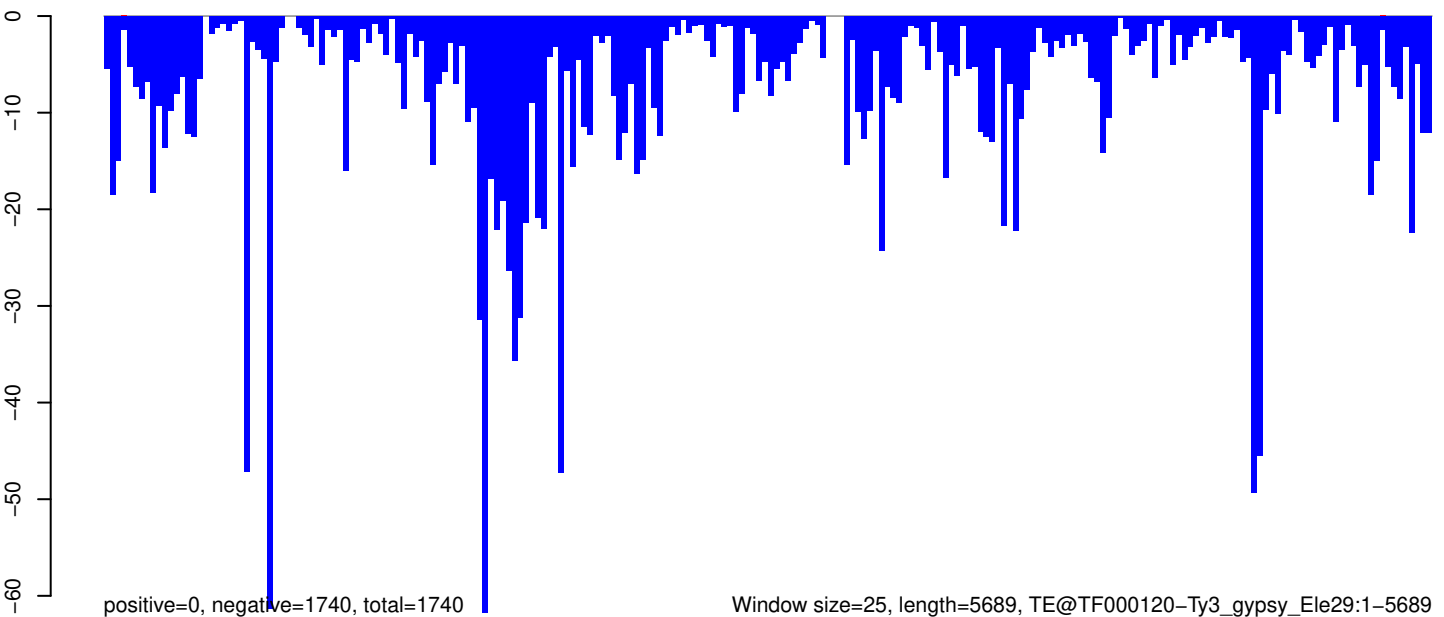
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



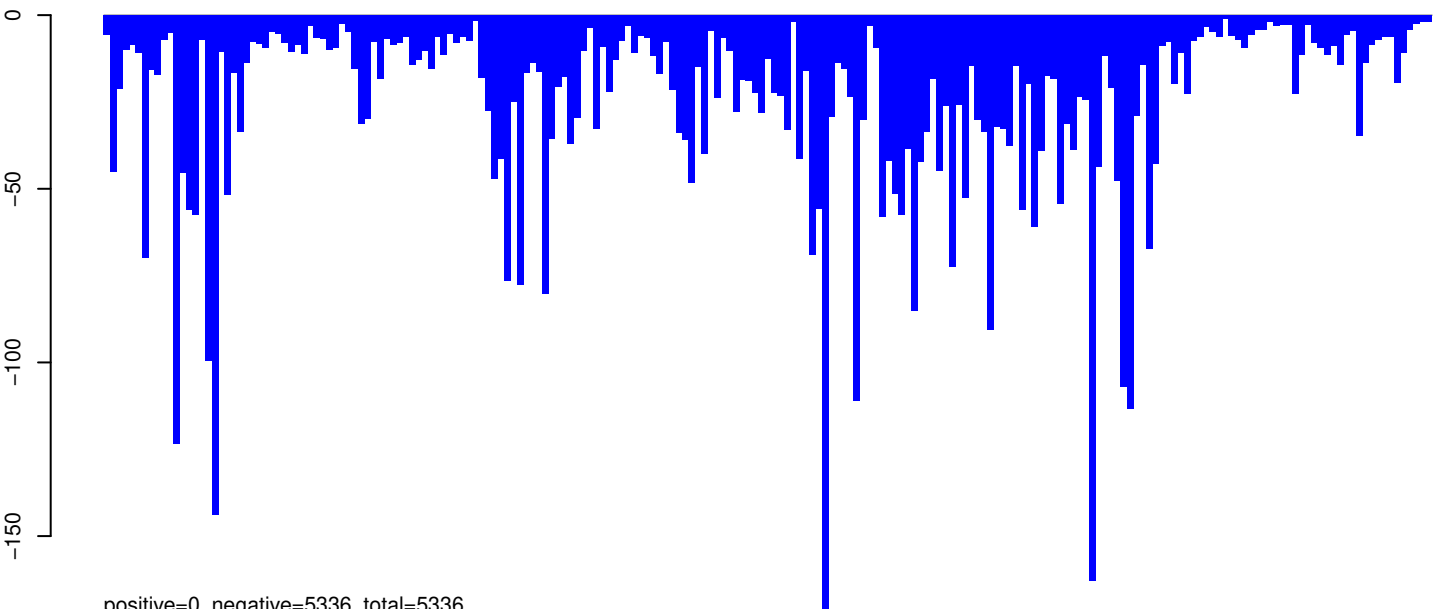
0 1000 2000 3000 4000 5000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



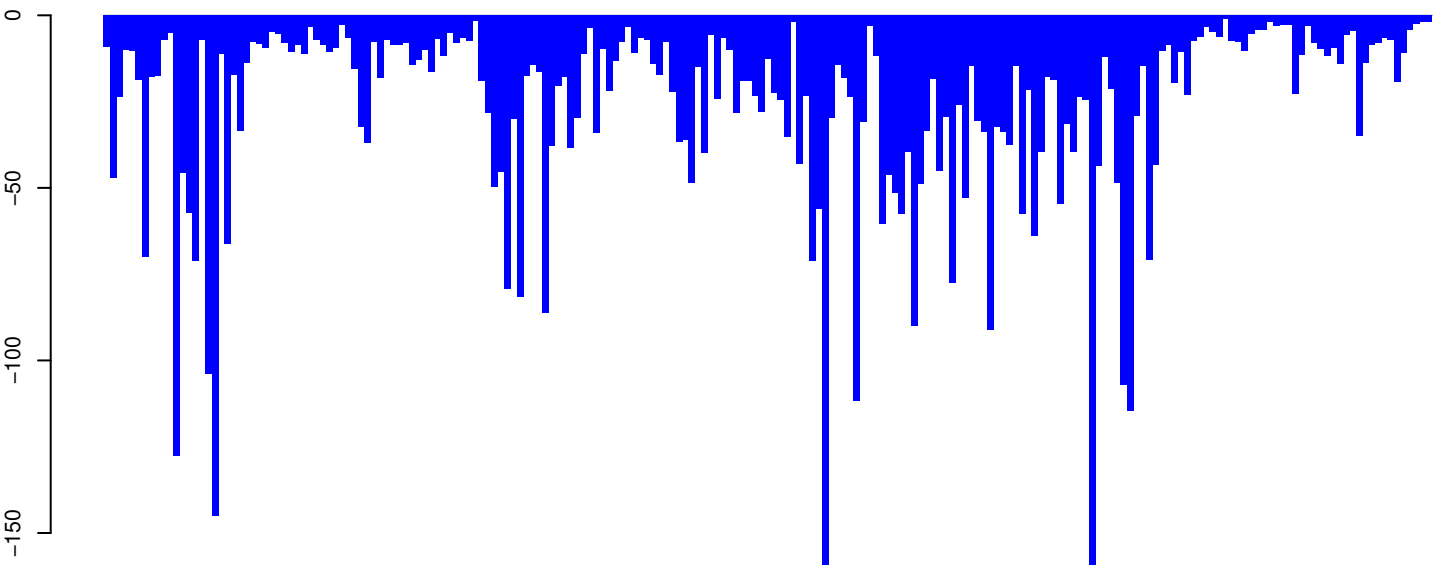
positive=0, negative=217, total=217

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



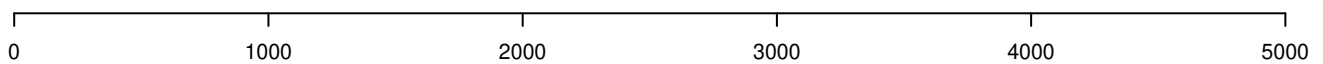
positive=0, negative=5336, total=5336

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

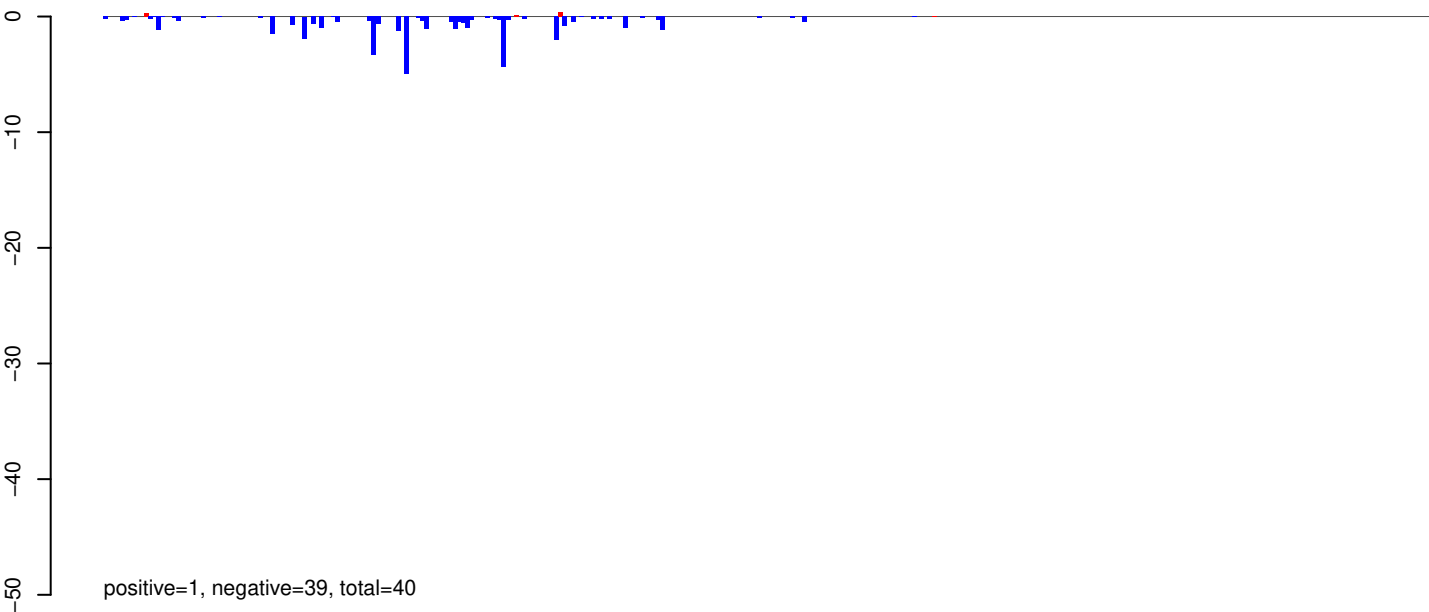


positive=0, negative=5552, total=5552

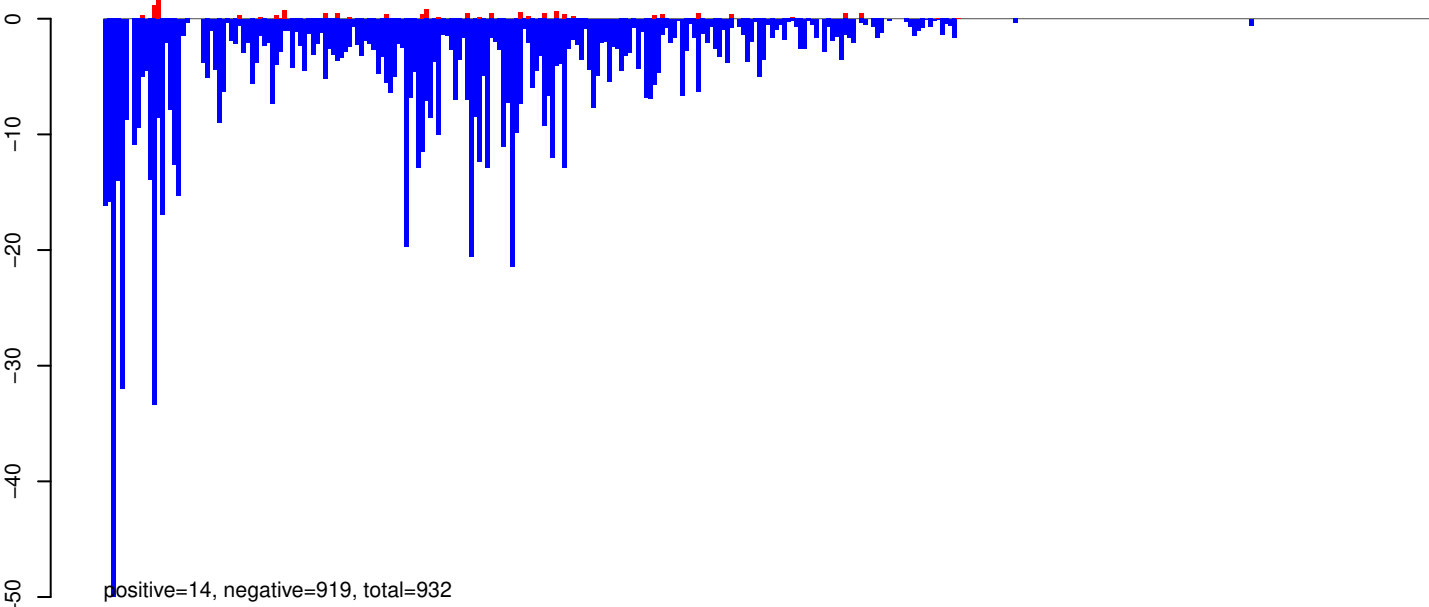
Window size=25, length=5212, TE@Gypsy-46\_AA-LTR-I:1-5212



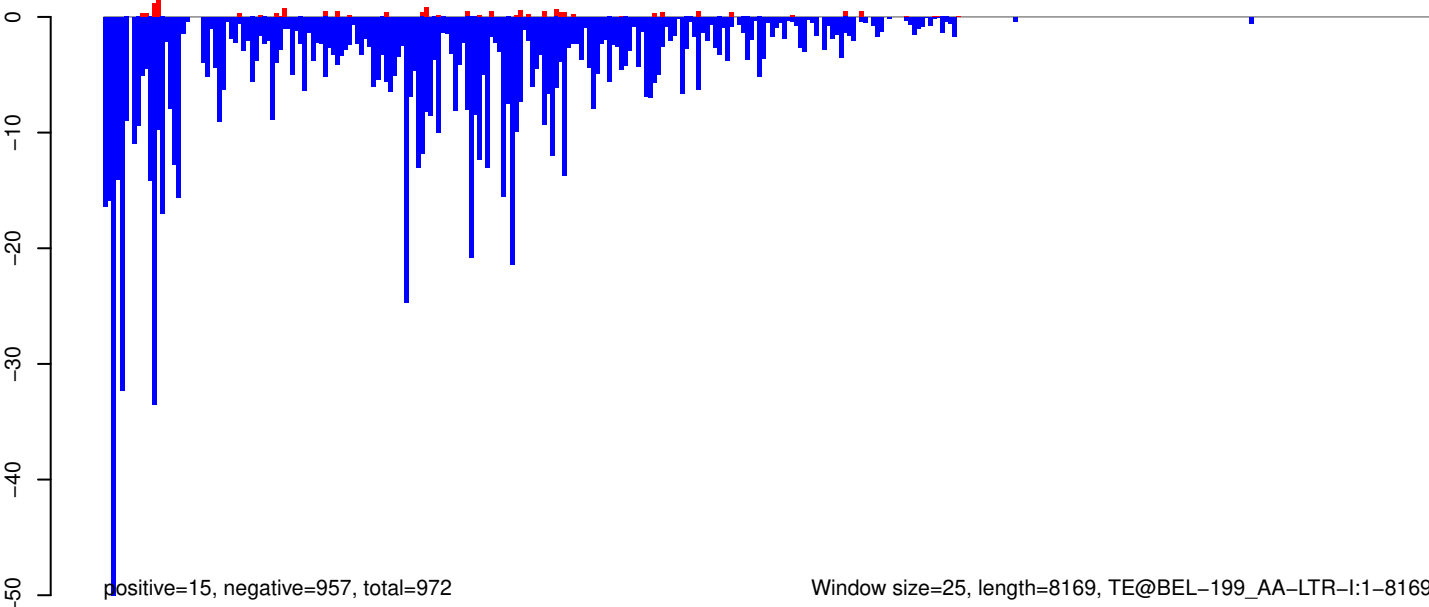
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



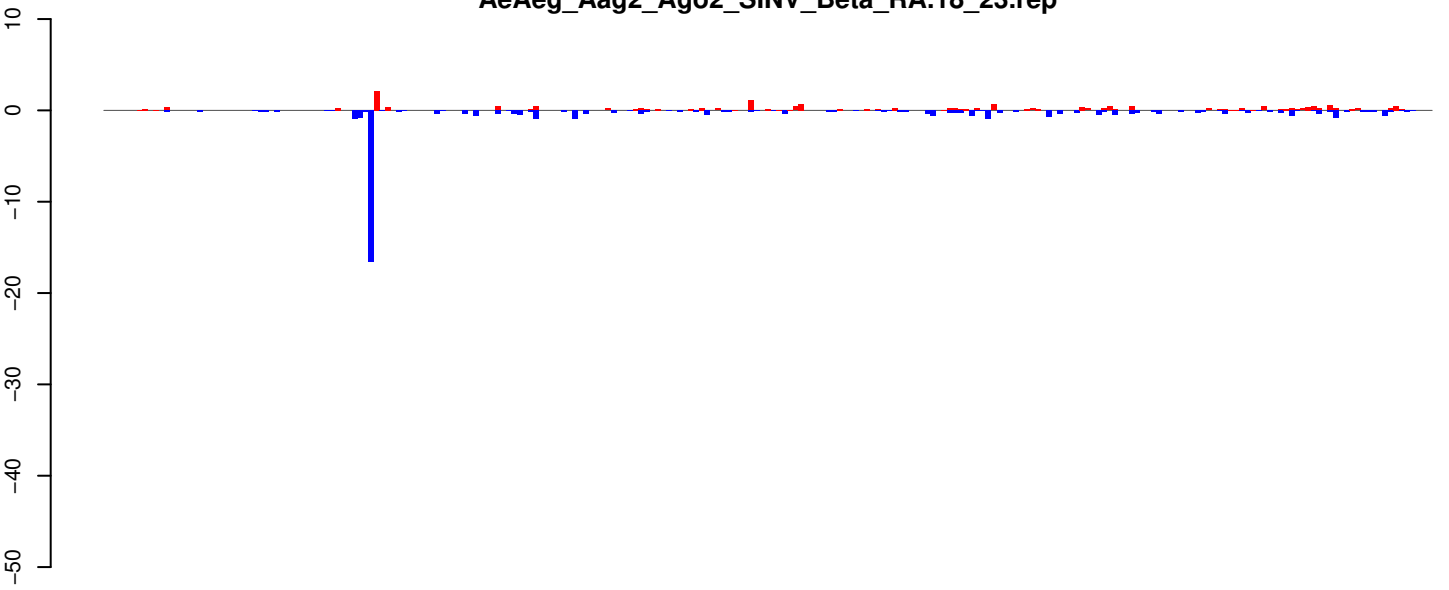
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=8169, TE@BEL-199\_AA-LTR-I:1-8169

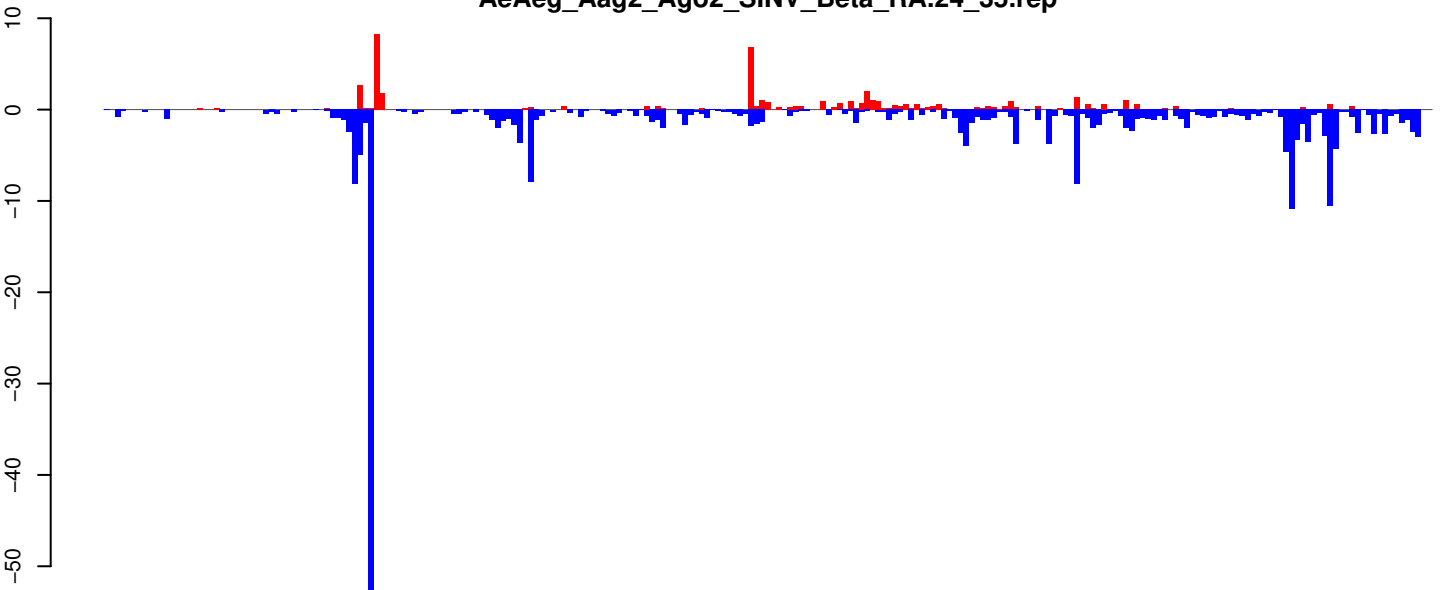
0 2000 4000 6000 8000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



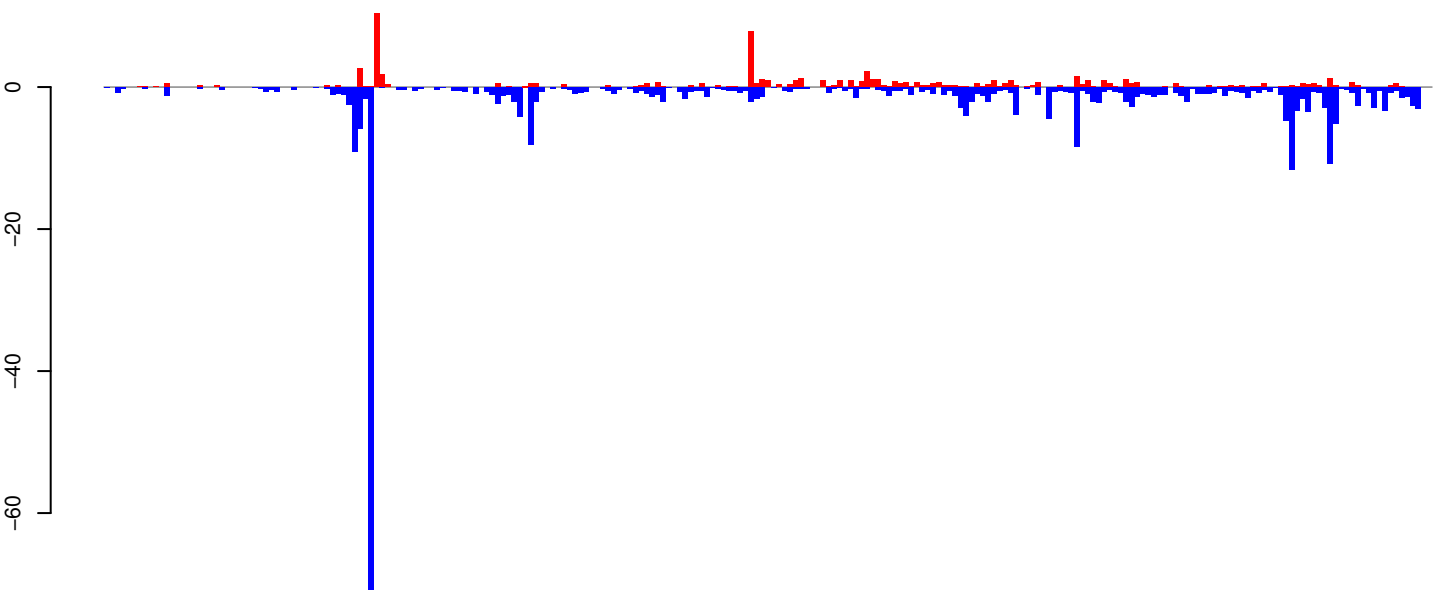
positive=19, negative=43, total=62

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=49, negative=262, total=310

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

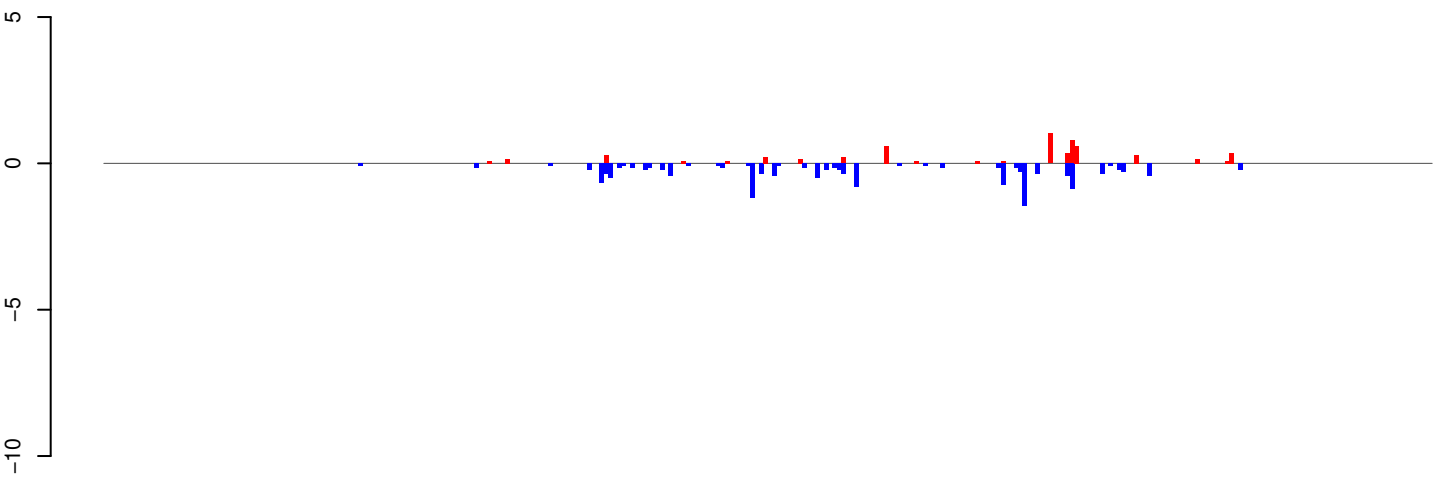


positive=68, negative=305, total=373

Window size=25, length=6005, TE@R1\_Ele4:1-6005

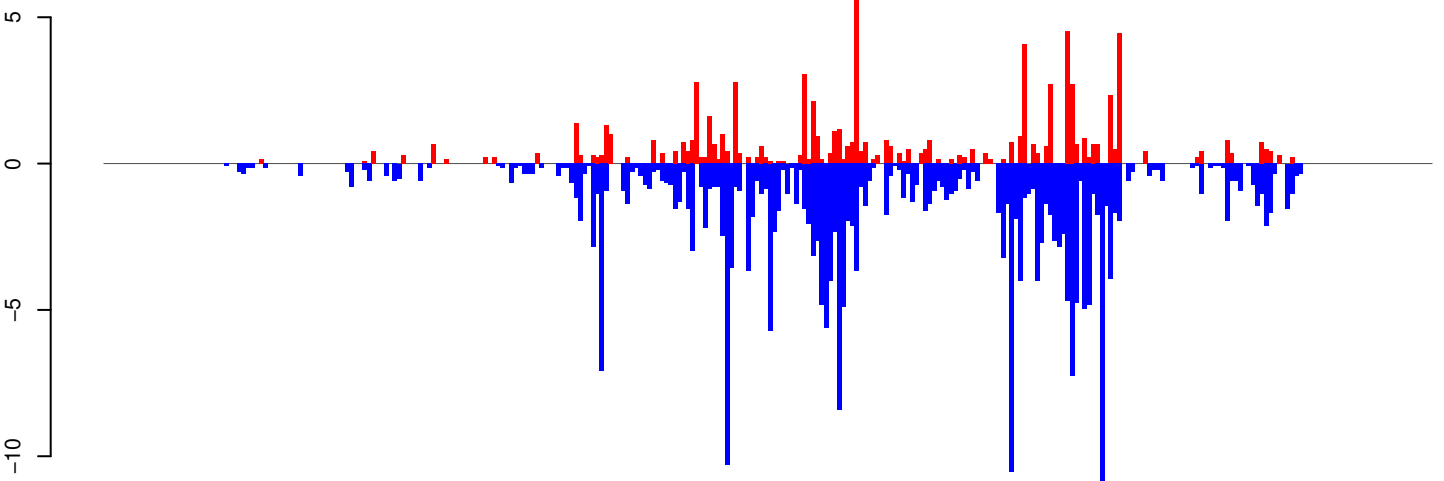
0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



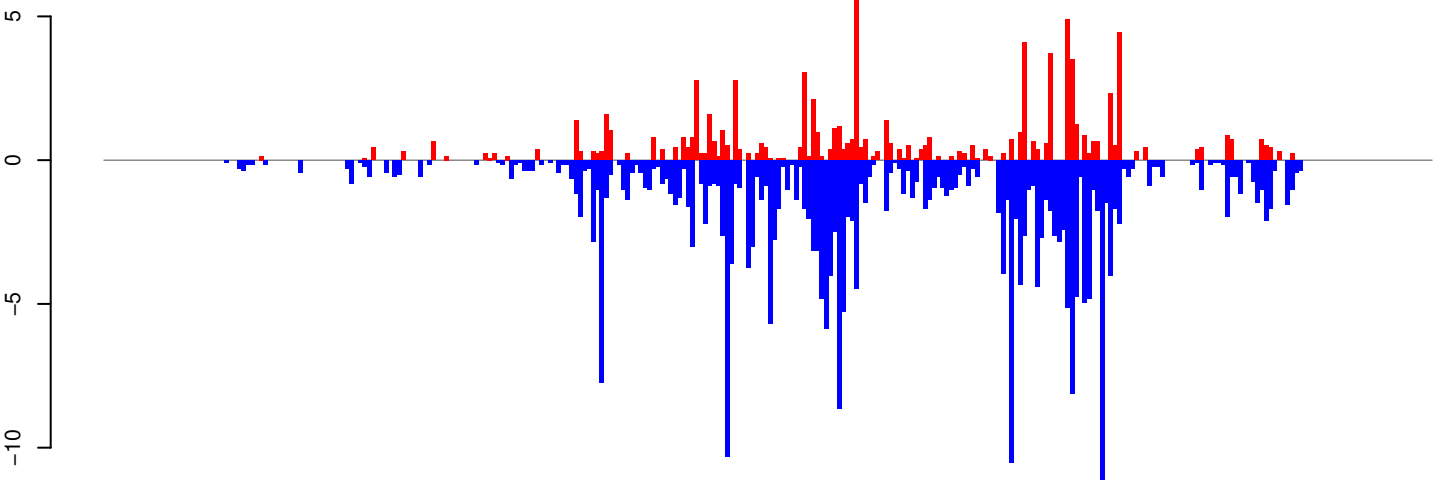
positive=6, negative=15, total=20

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=81, negative=266, total=347

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

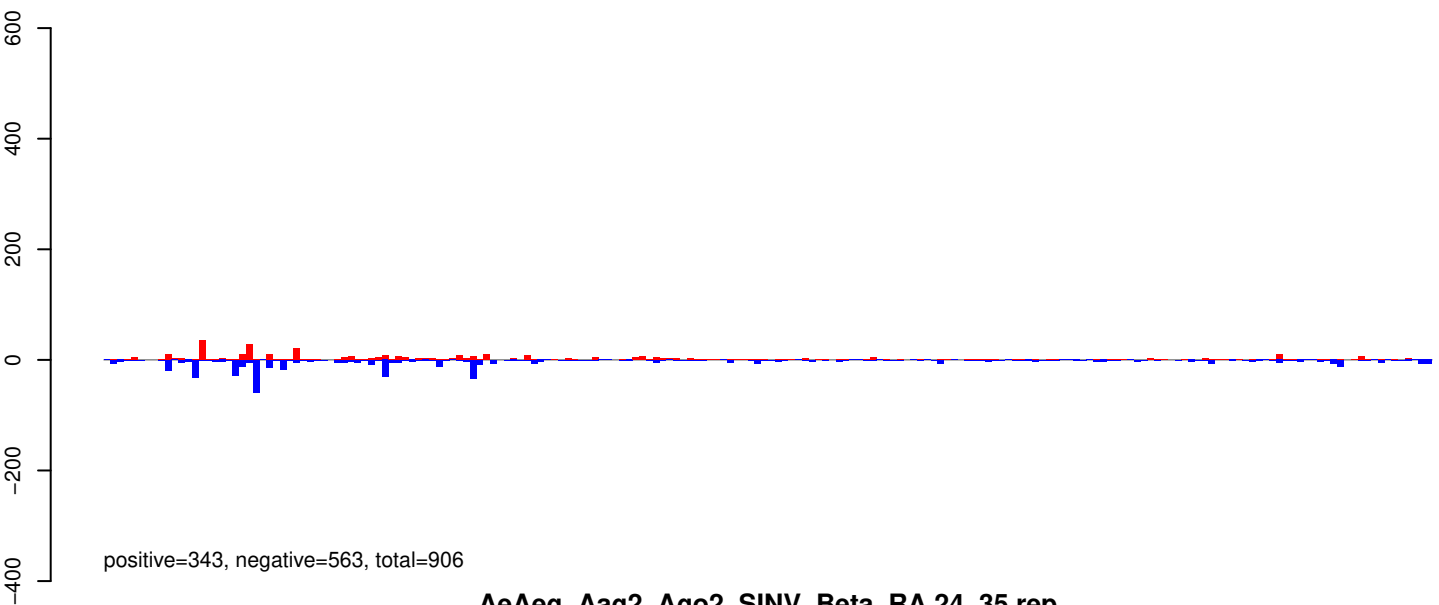


positive=86, negative=281, total=367

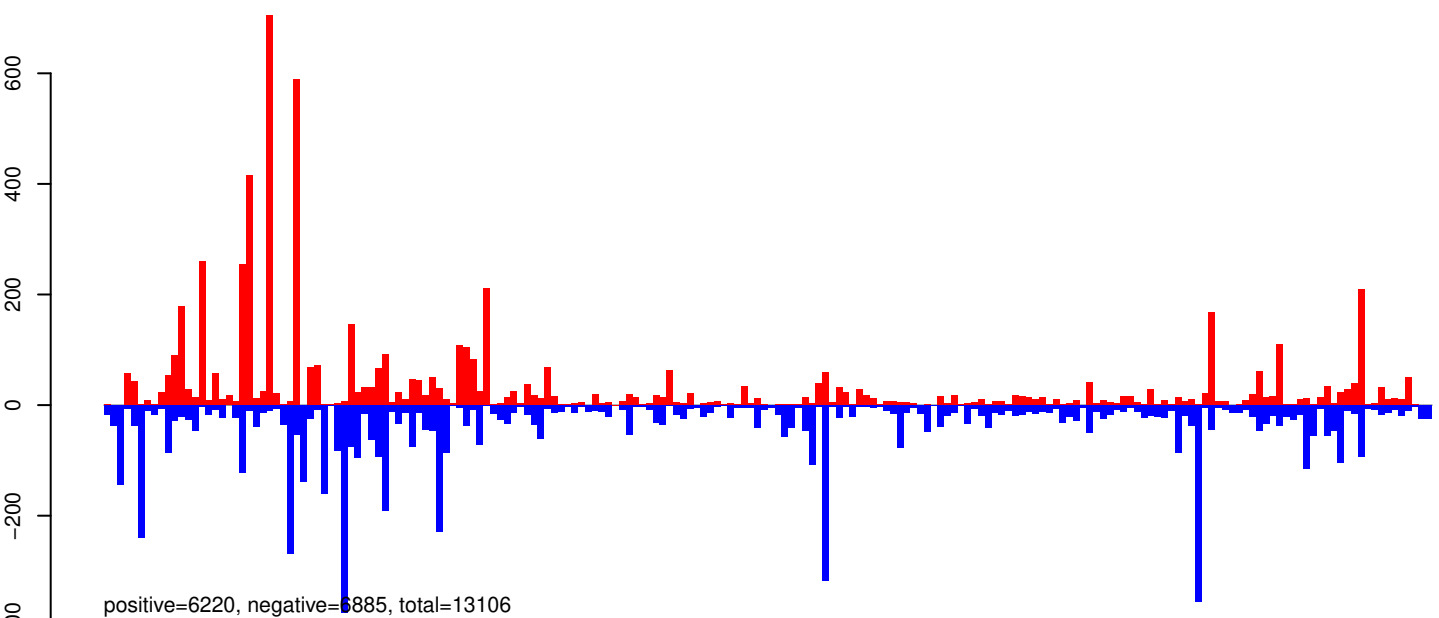
Window size=25, length=7699, TE@TF000508-Pao\_Bel\_Ele229:1-7699

0 2000 4000 6000 8000

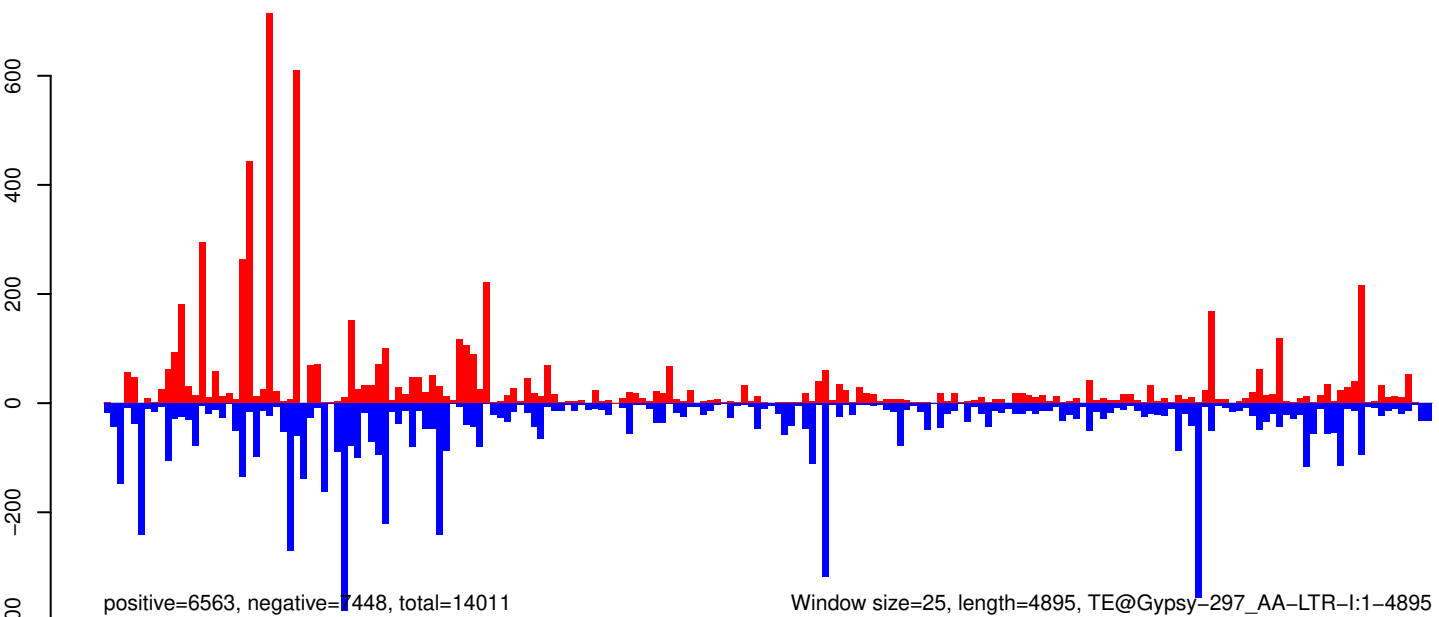
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



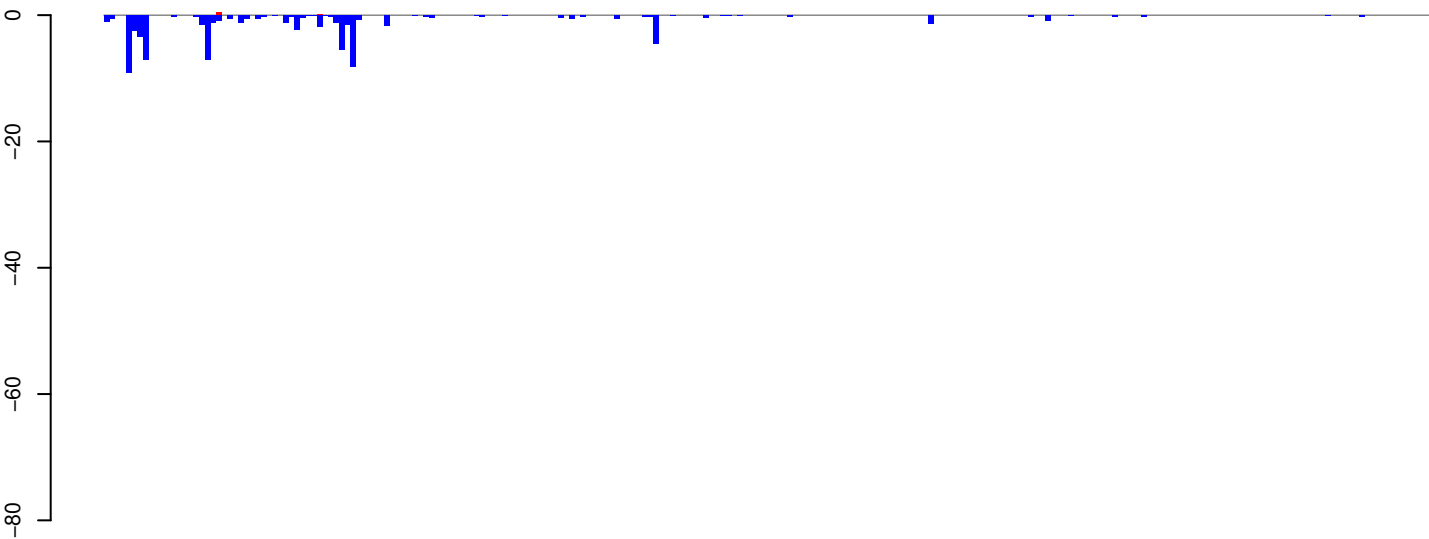
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

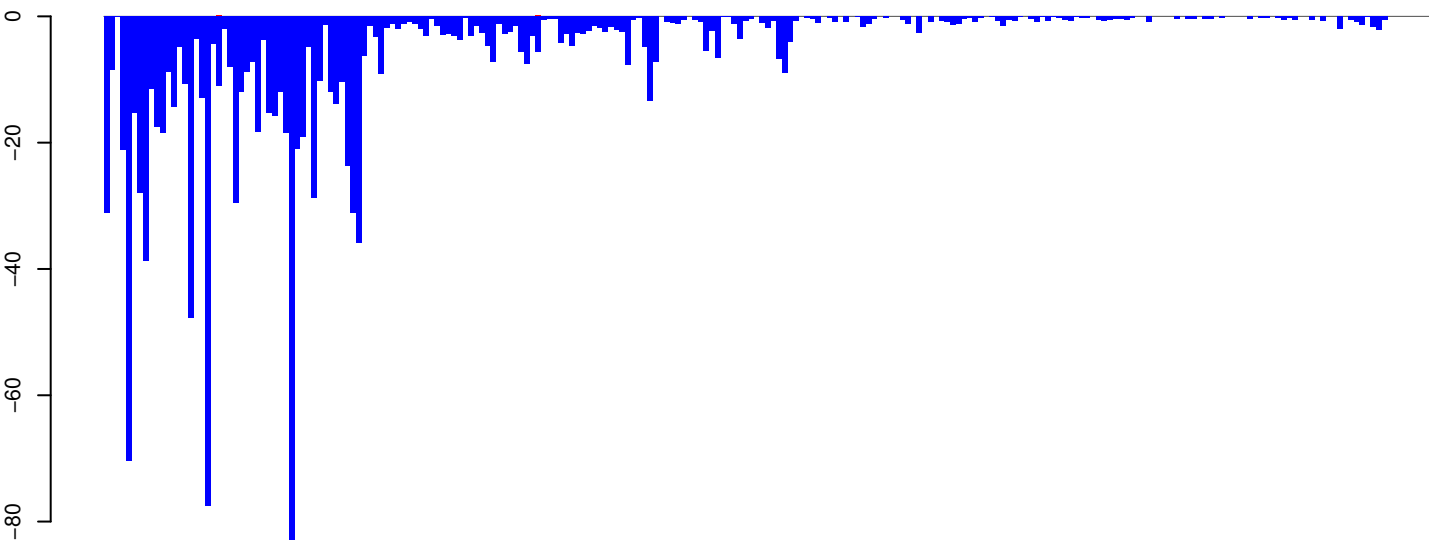


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



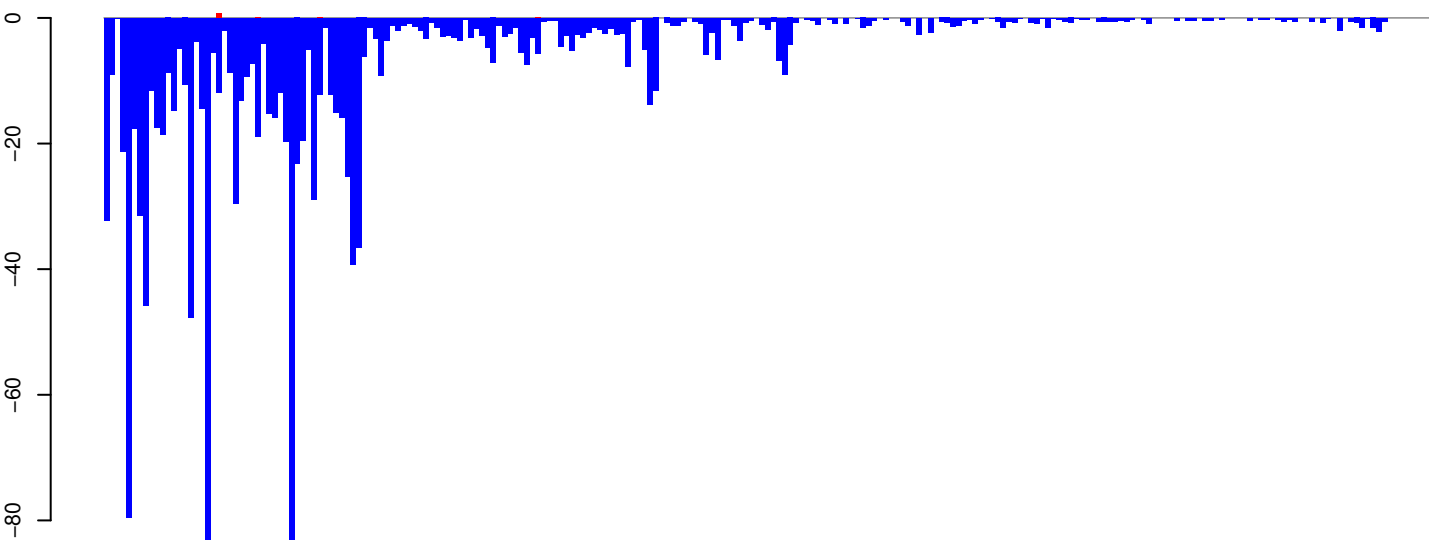
positive=1, negative=76, total=77

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=1173, total=1174

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



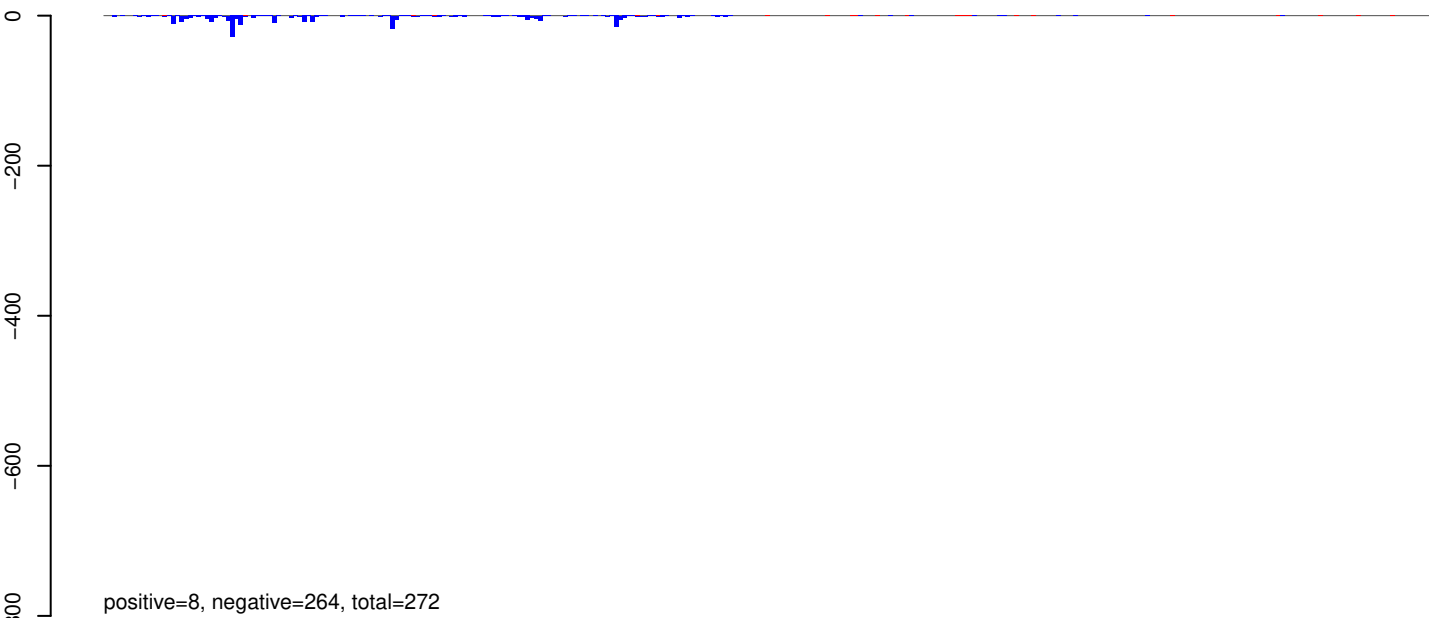
positive=1, negative=1249, total=1250

Window size=25, length=5910, TE@Gypsy-104\_AA-LTR-I:1-5910

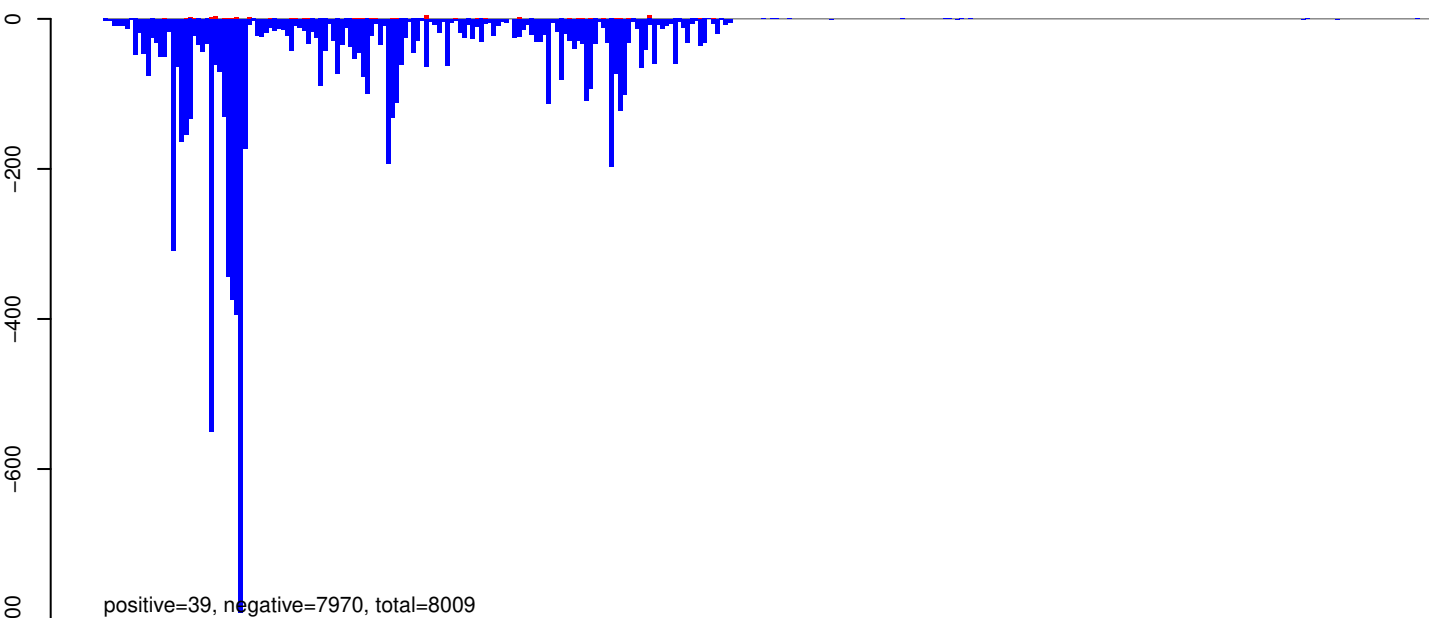
0 1000 2000 3000 4000 5000 6000



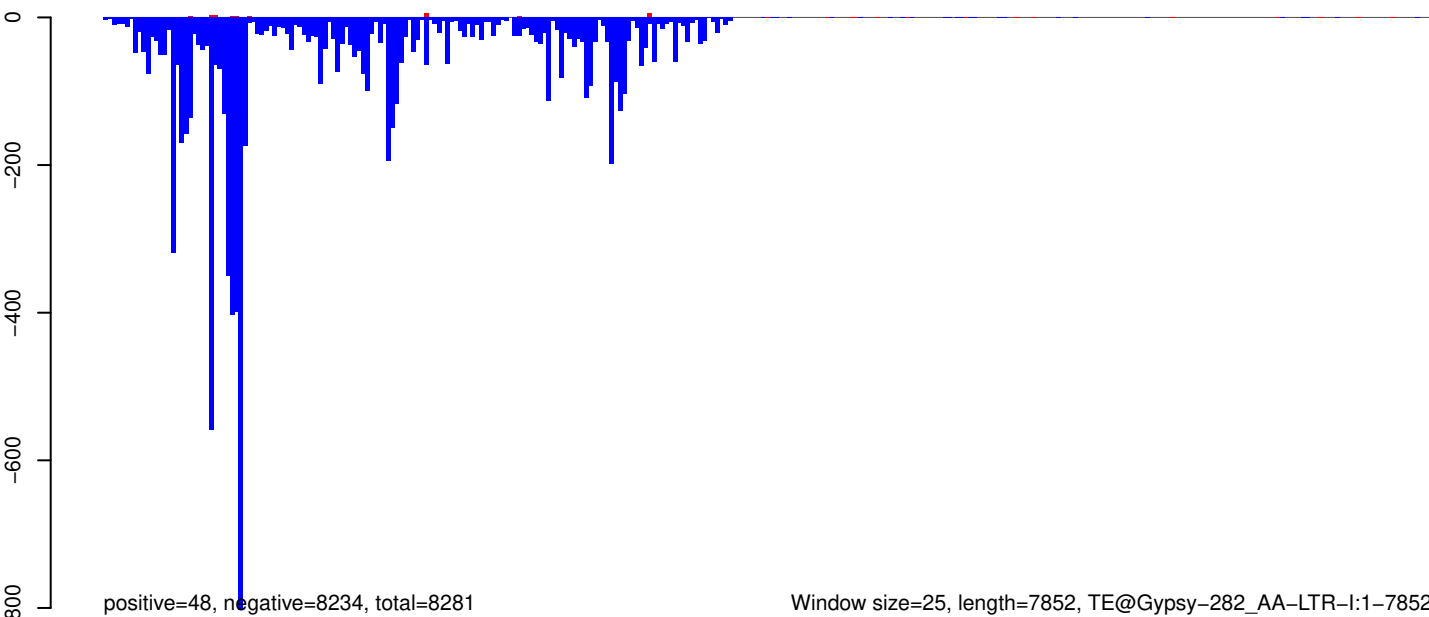
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



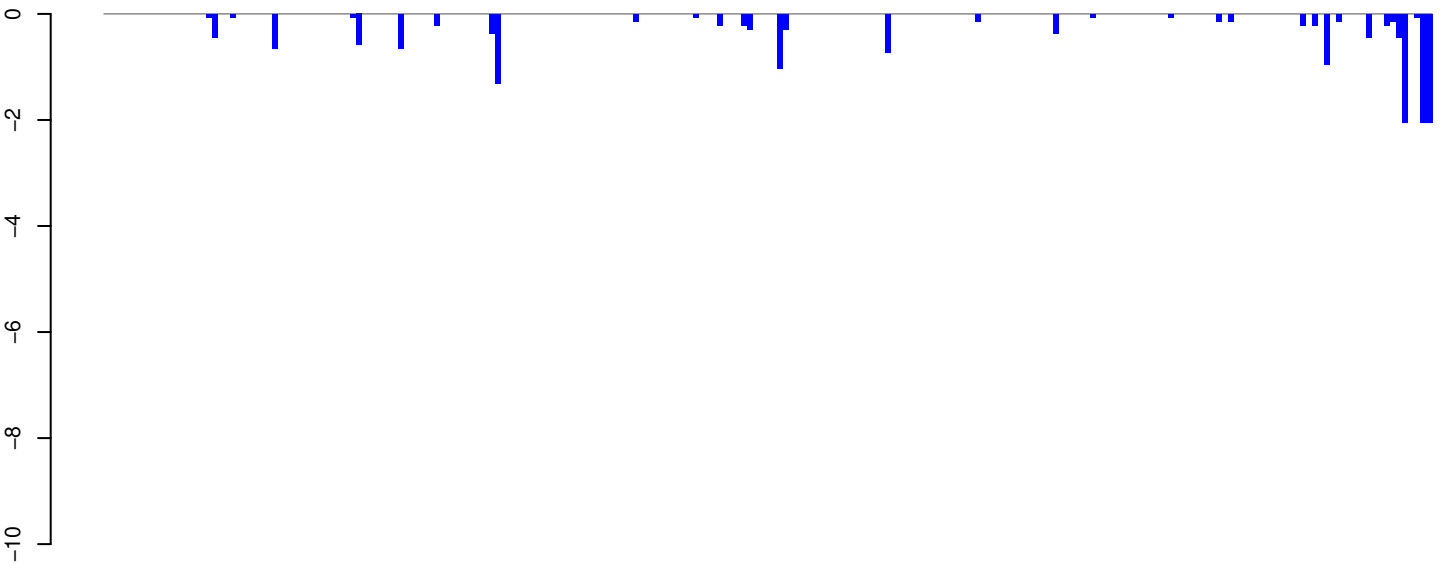
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

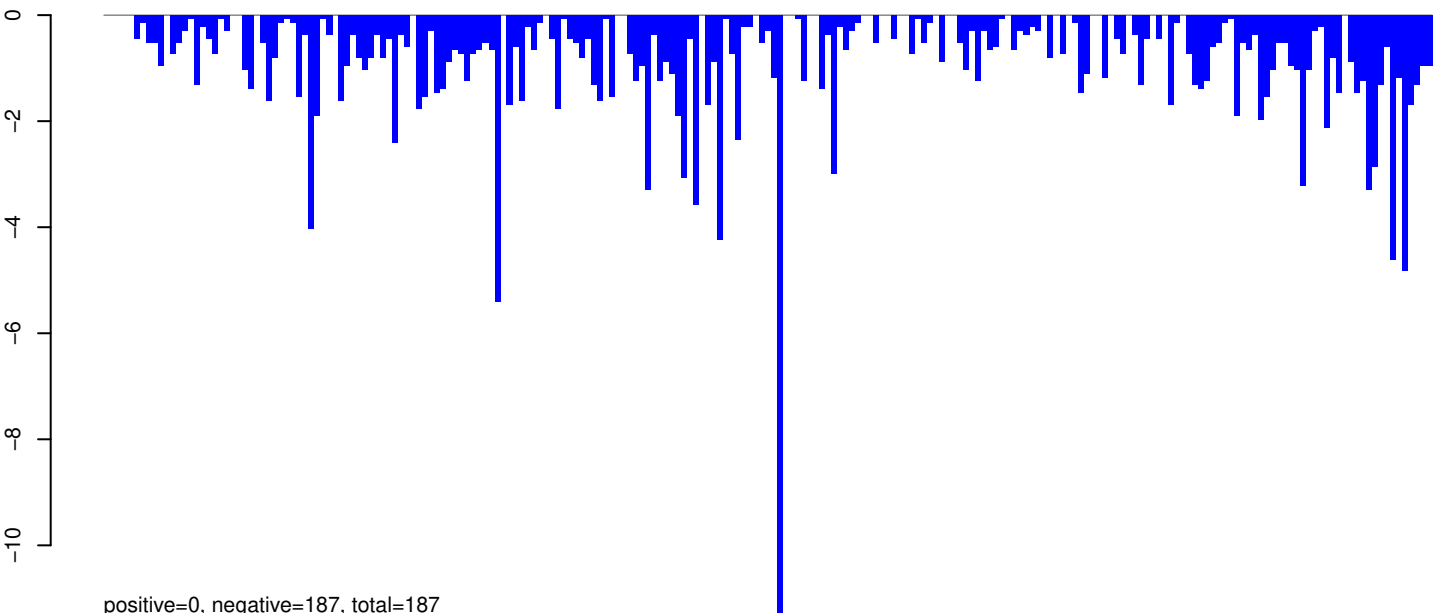


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



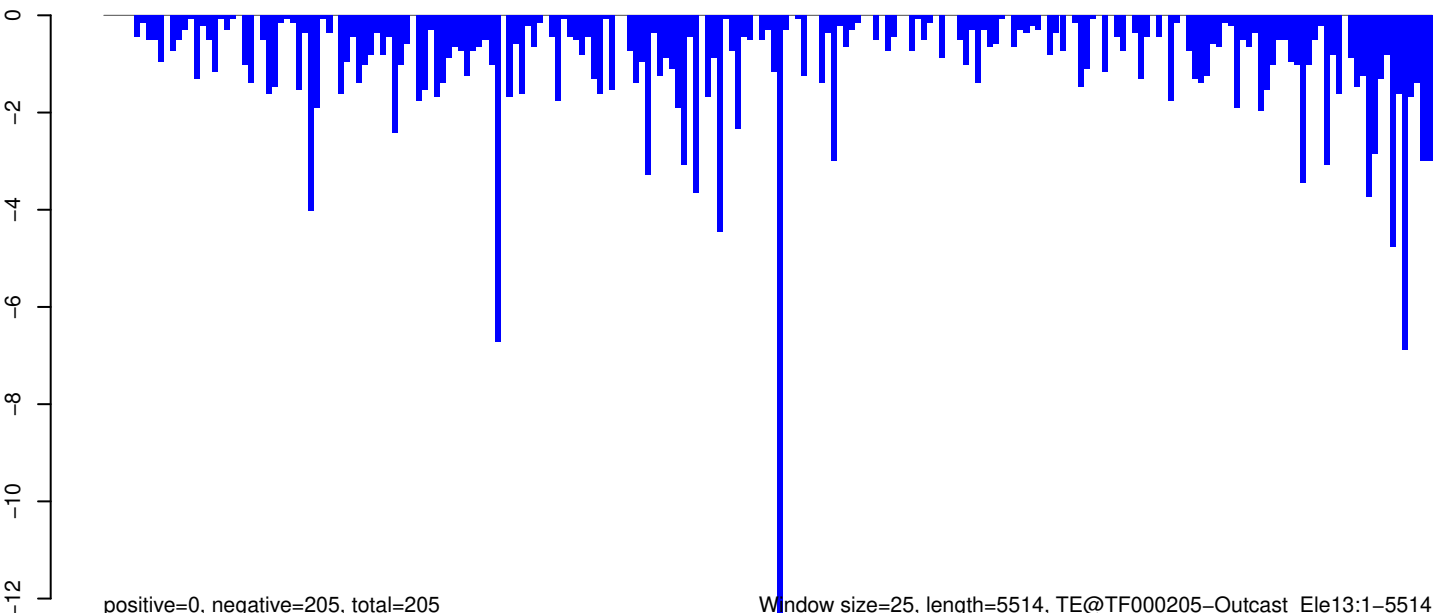
positive=0, negative=17, total=17

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



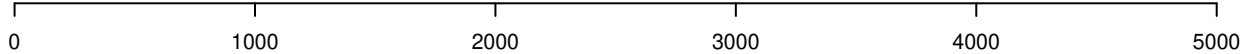
positive=0, negative=187, total=187

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

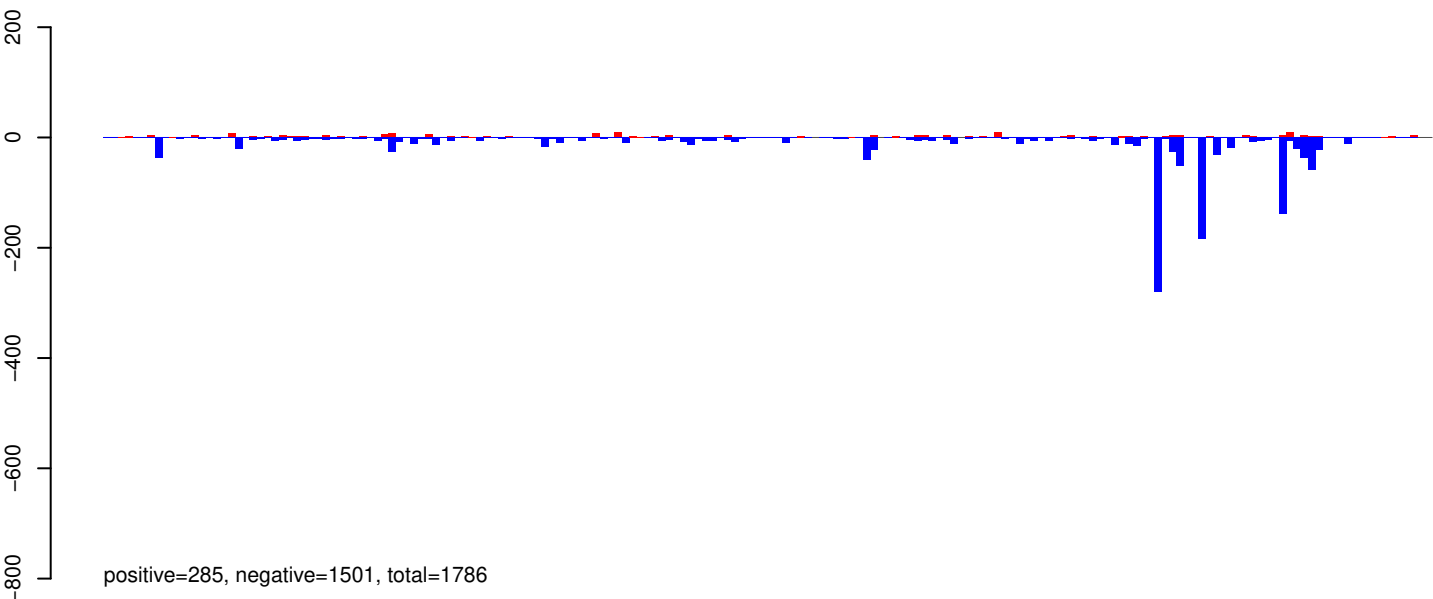


positive=0, negative=205, total=205

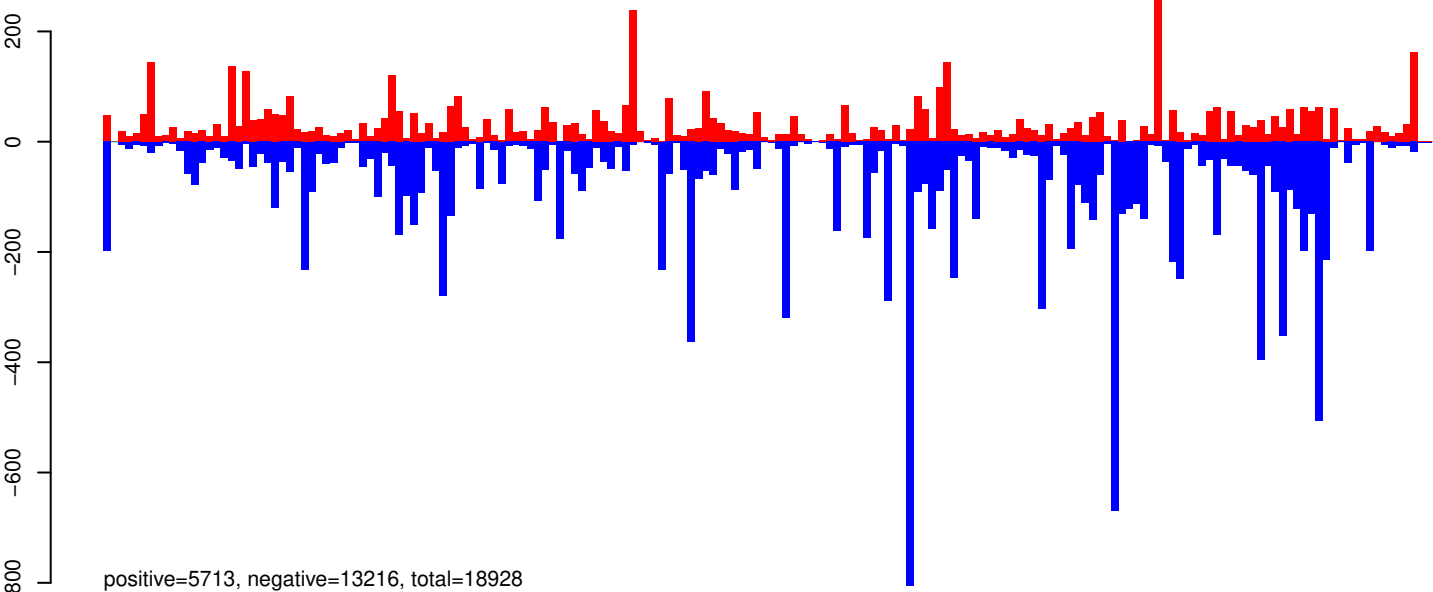
Window size=25, length=5514, TE@TF000205-Outcast\_Ele13:1-5514



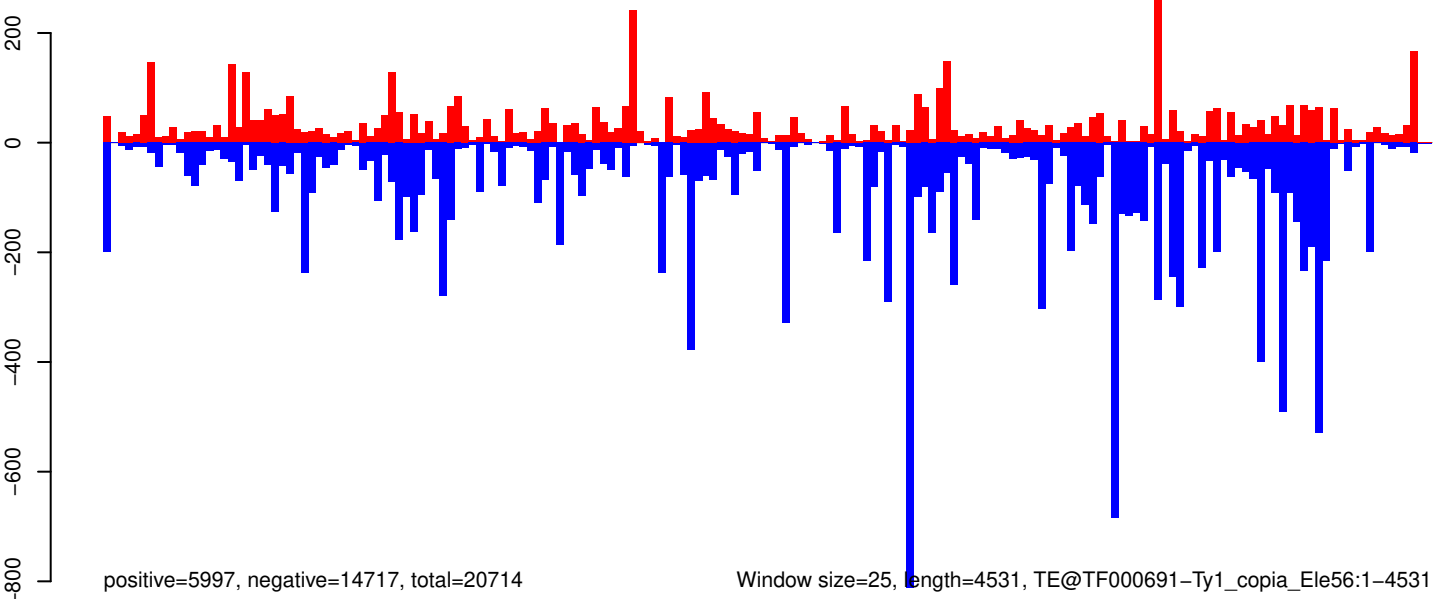
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



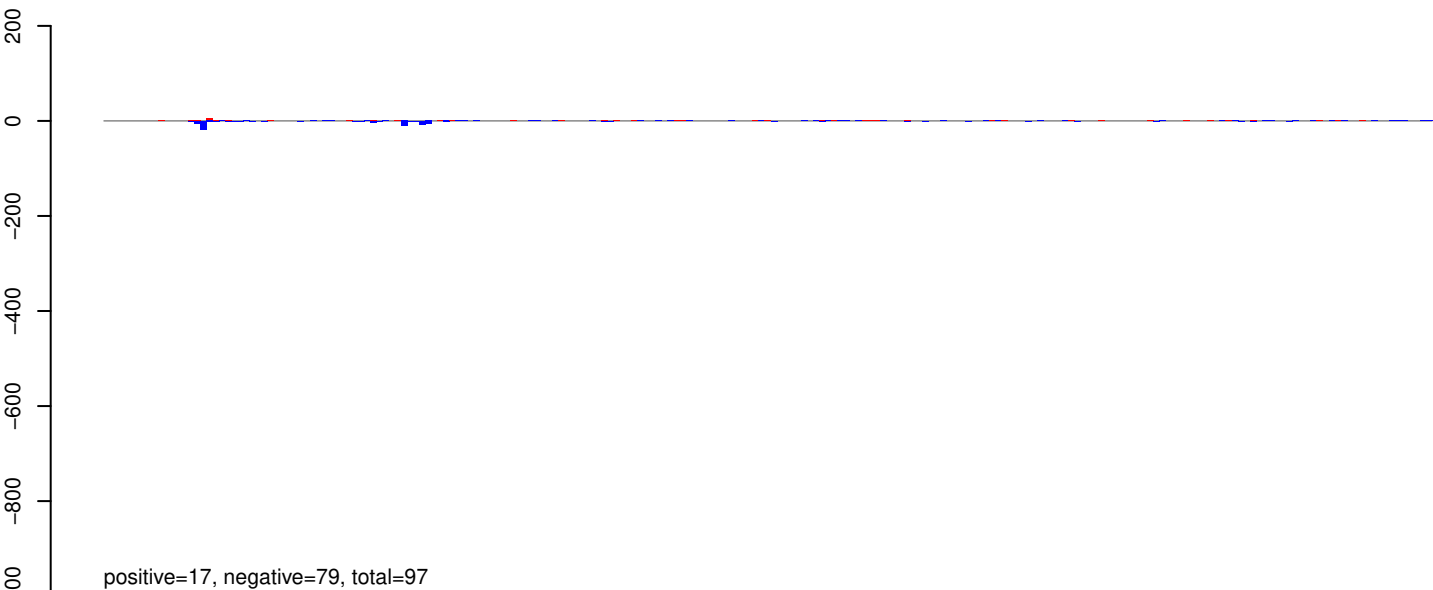
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



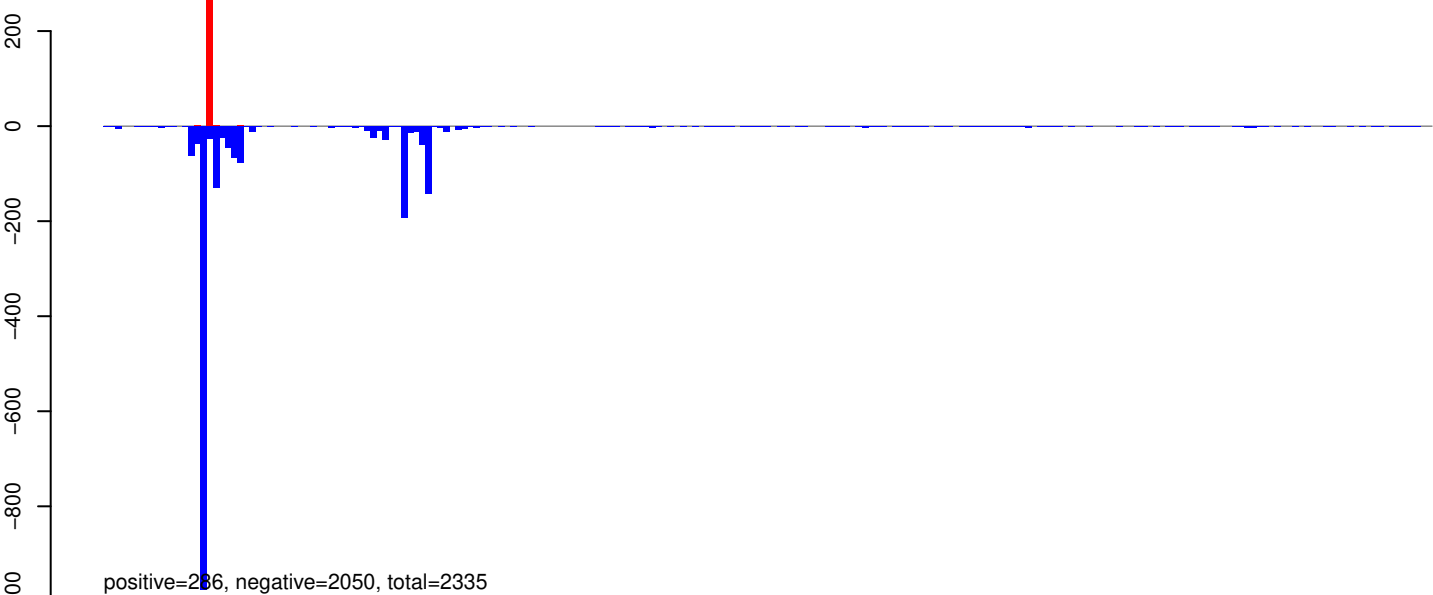
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



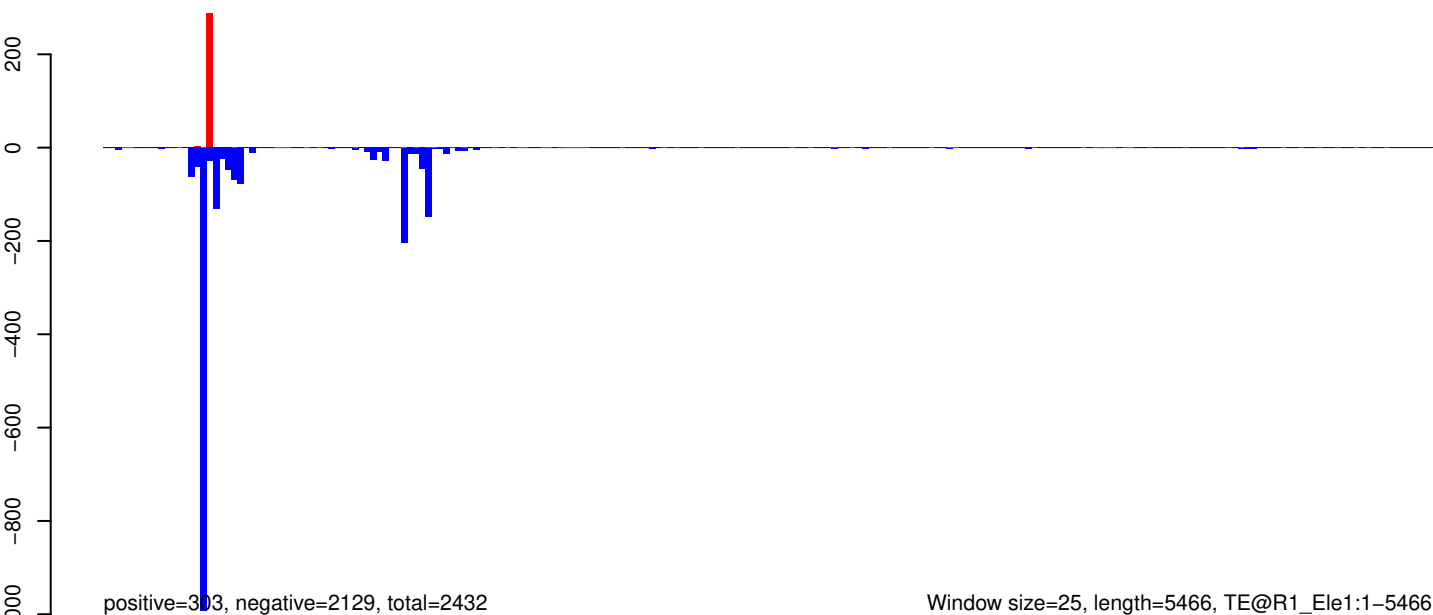
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



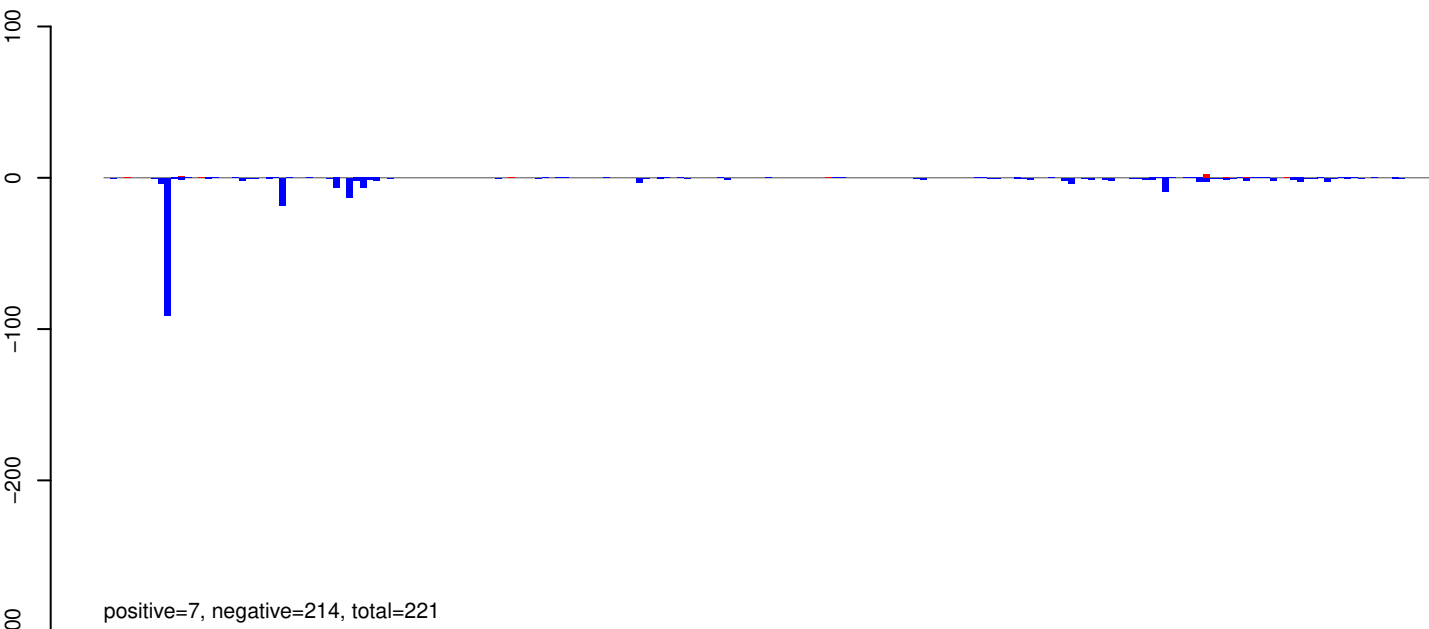
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



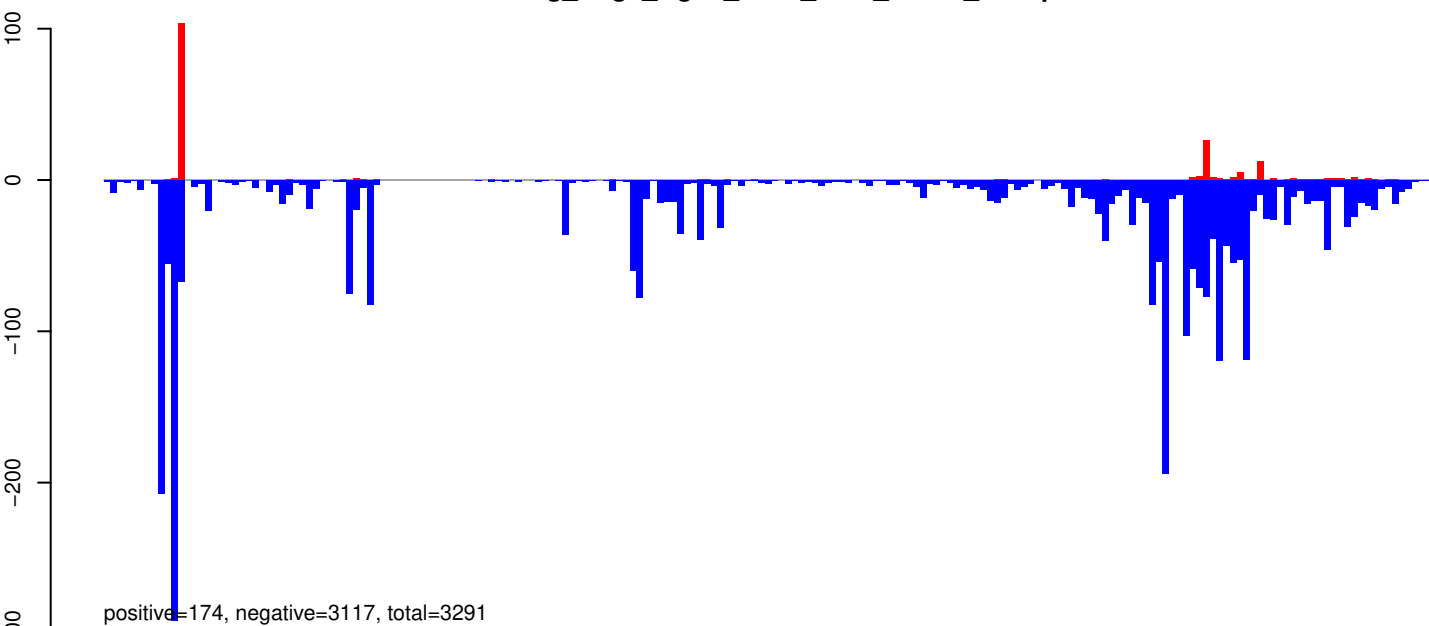
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



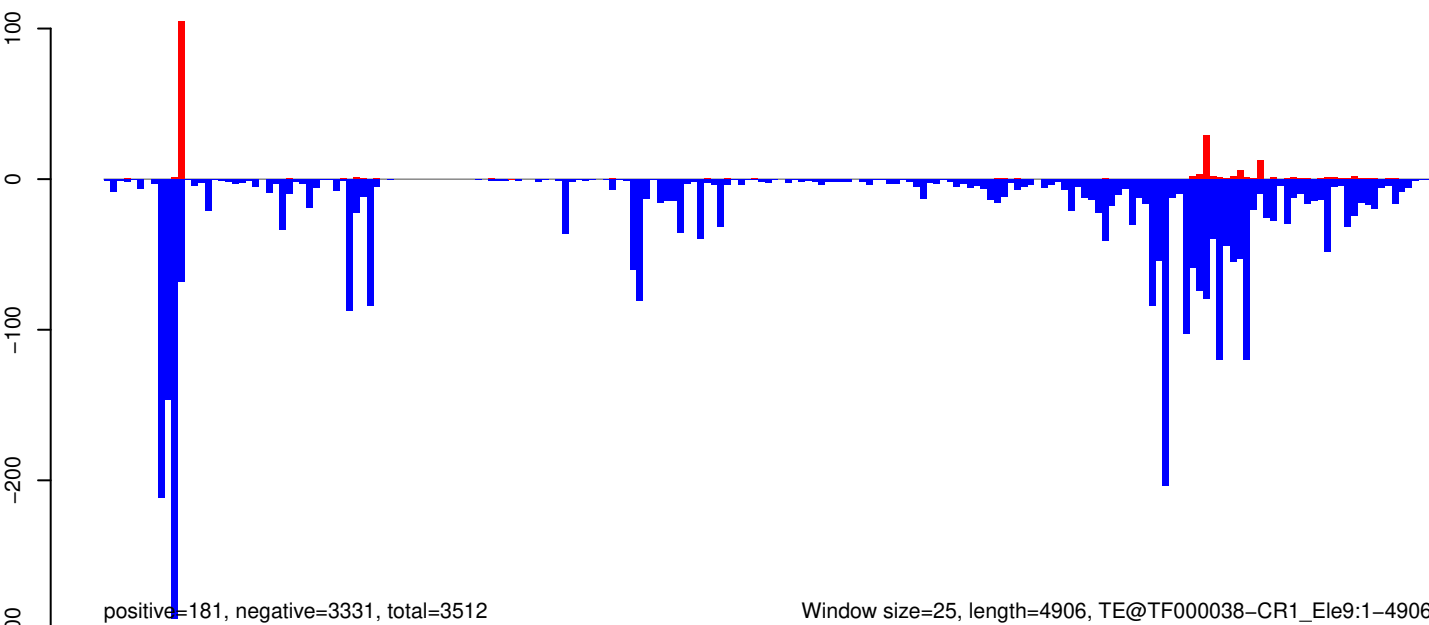
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



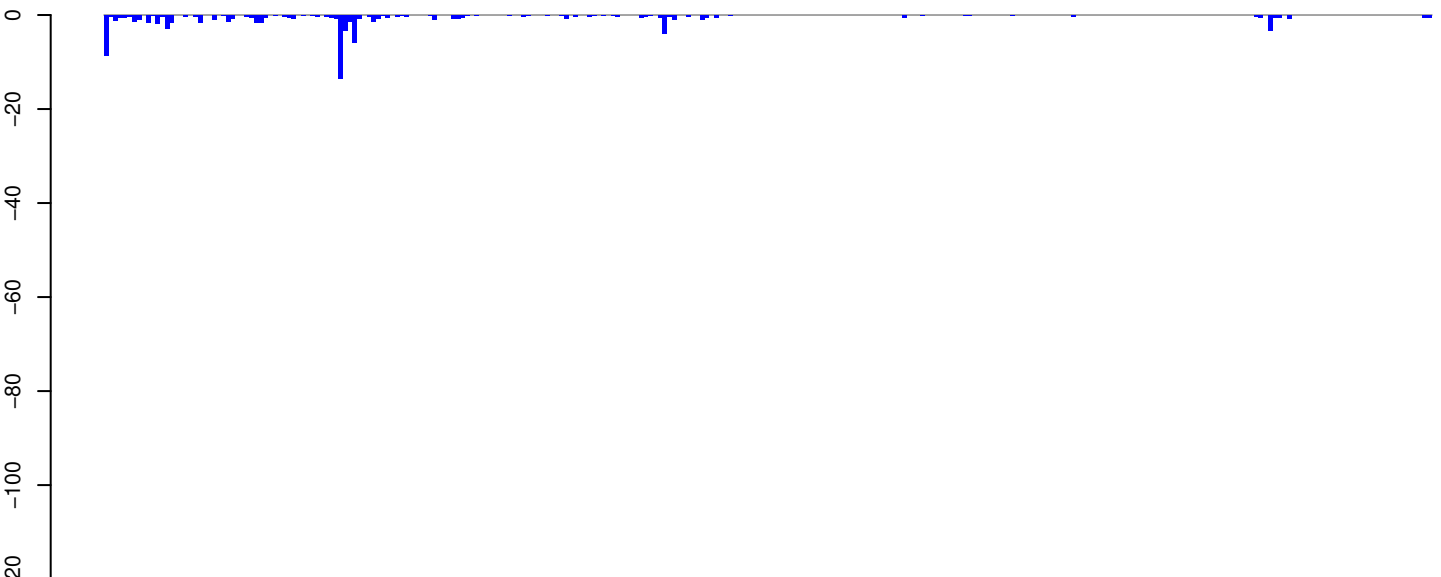
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=4906, TE@TF000038-CR1\_Ele9:1-4906

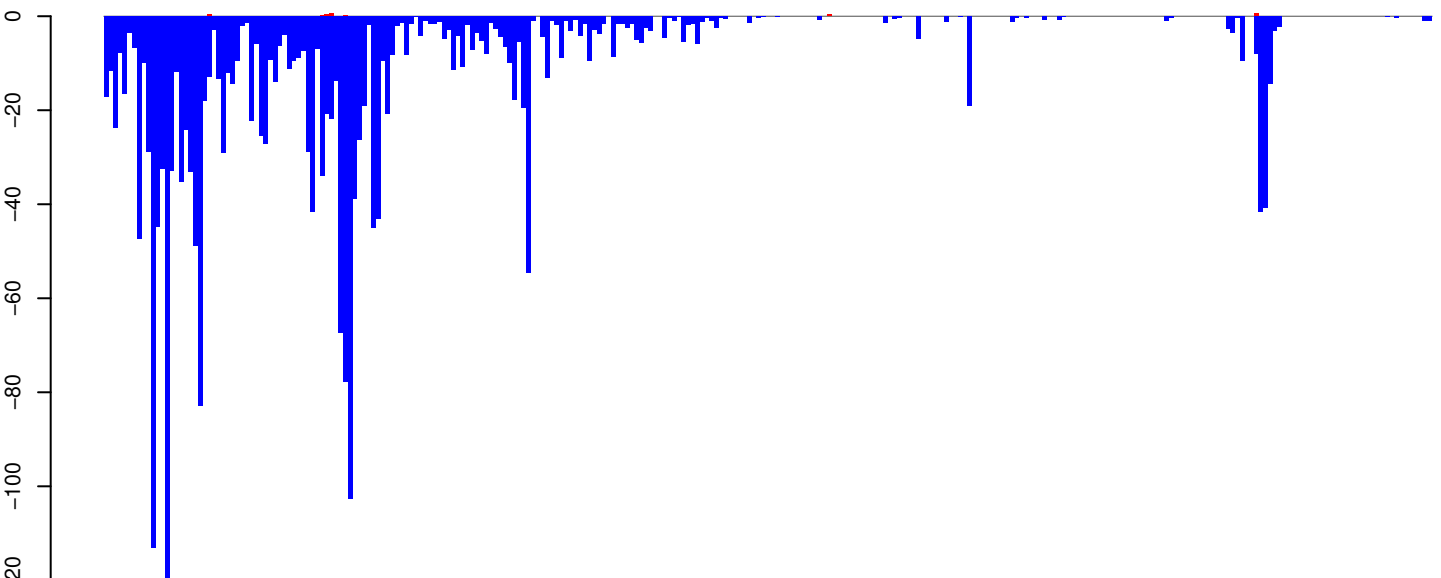
0 1000 2000 3000 4000 5000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



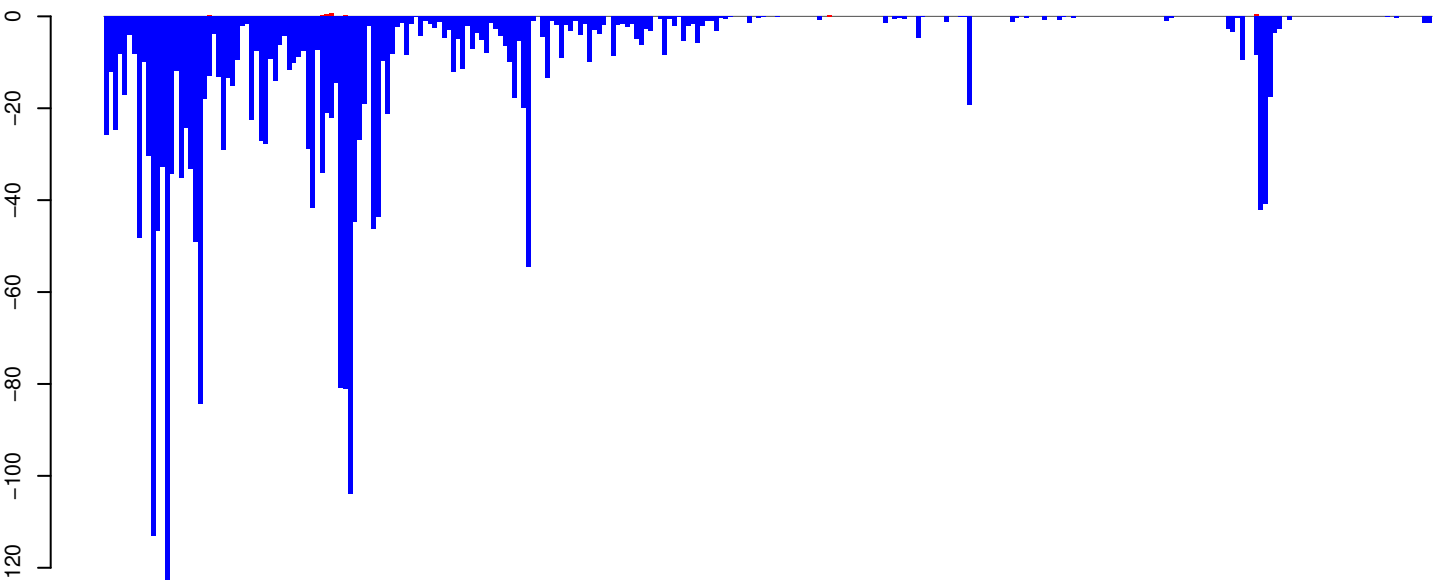
positive=0, negative=87, total=87

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=3, negative=2135, total=2138

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

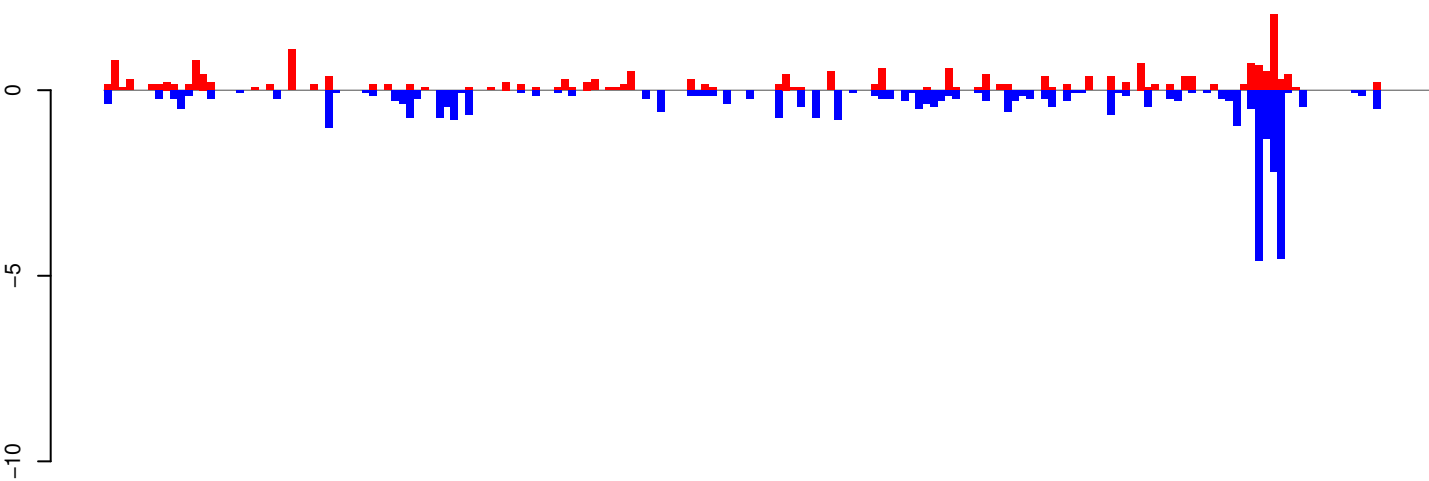


positive=3, negative=2222, total=2225

Window size=25, length=7067, TE@Gypsy-619\_AA-LTR-I:1-7067

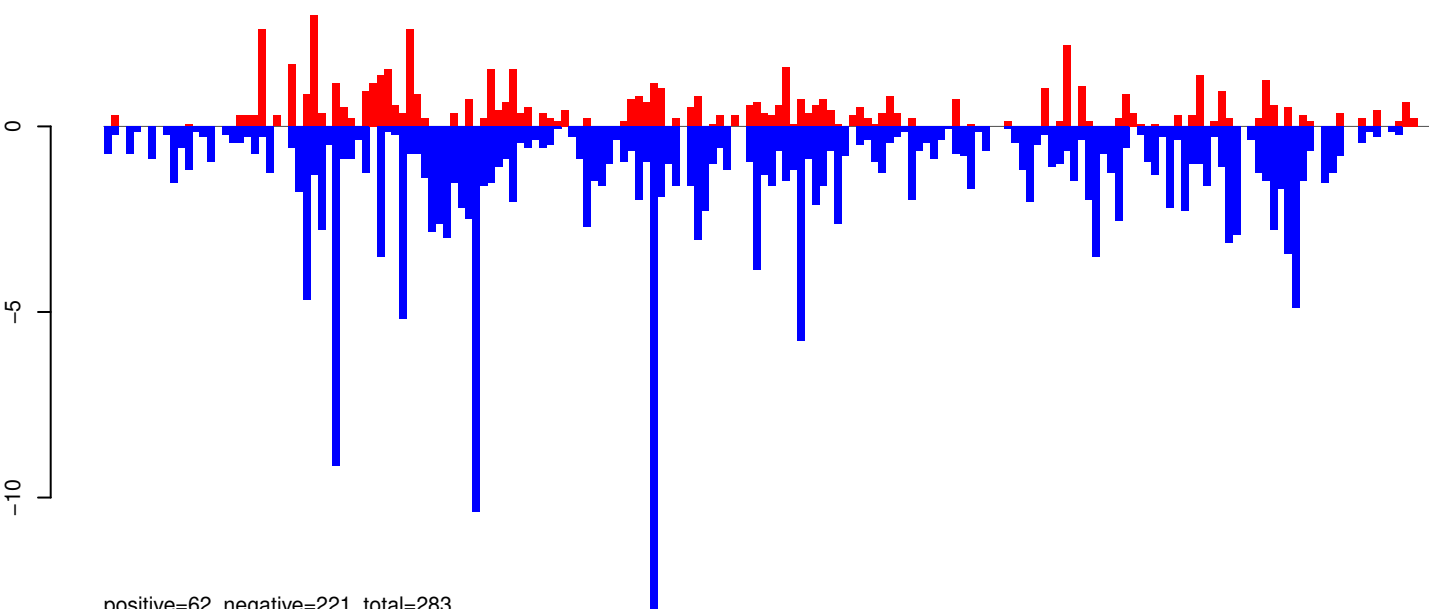
0 1000 2000 3000 4000 5000 6000 7000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



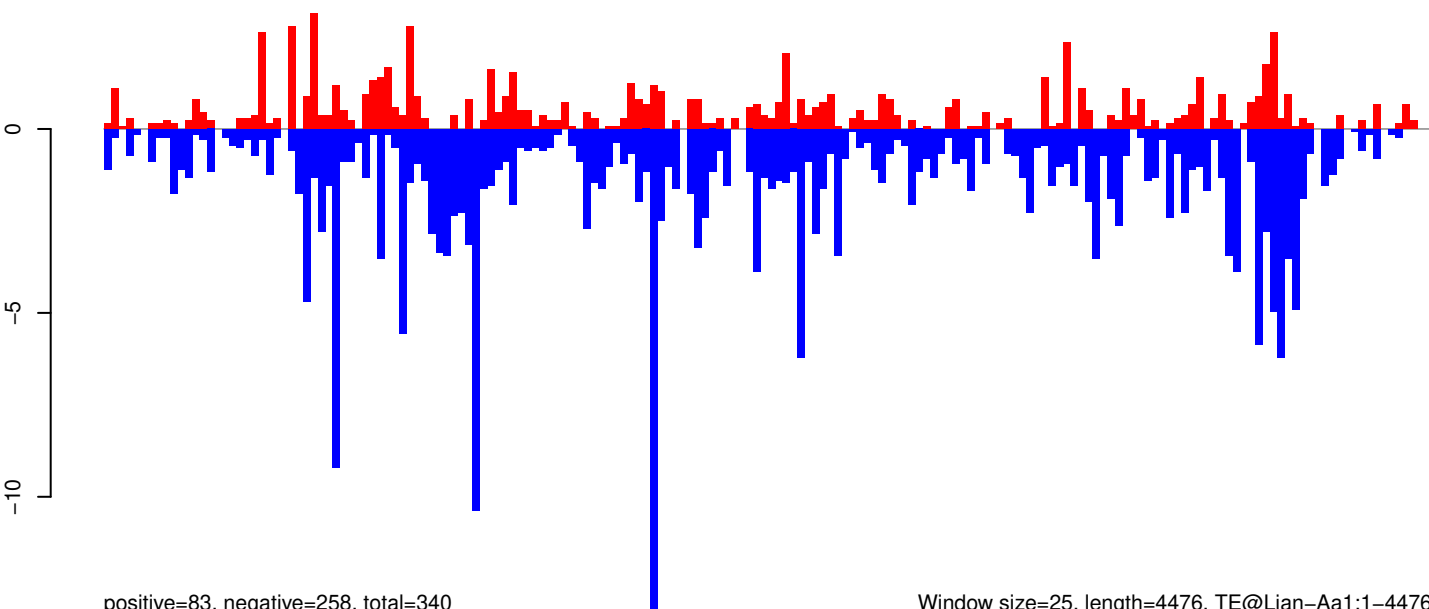
positive=21, negative=36, total=57

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=62, negative=221, total=283

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

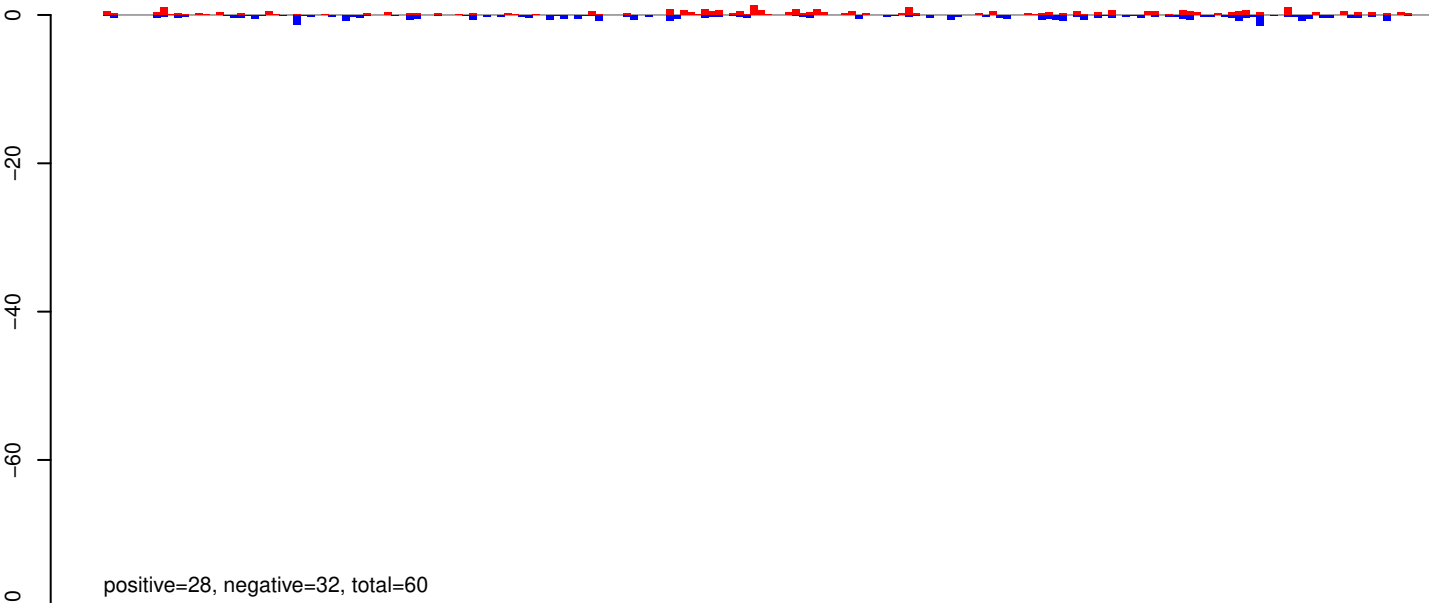


positive=83, negative=258, total=340

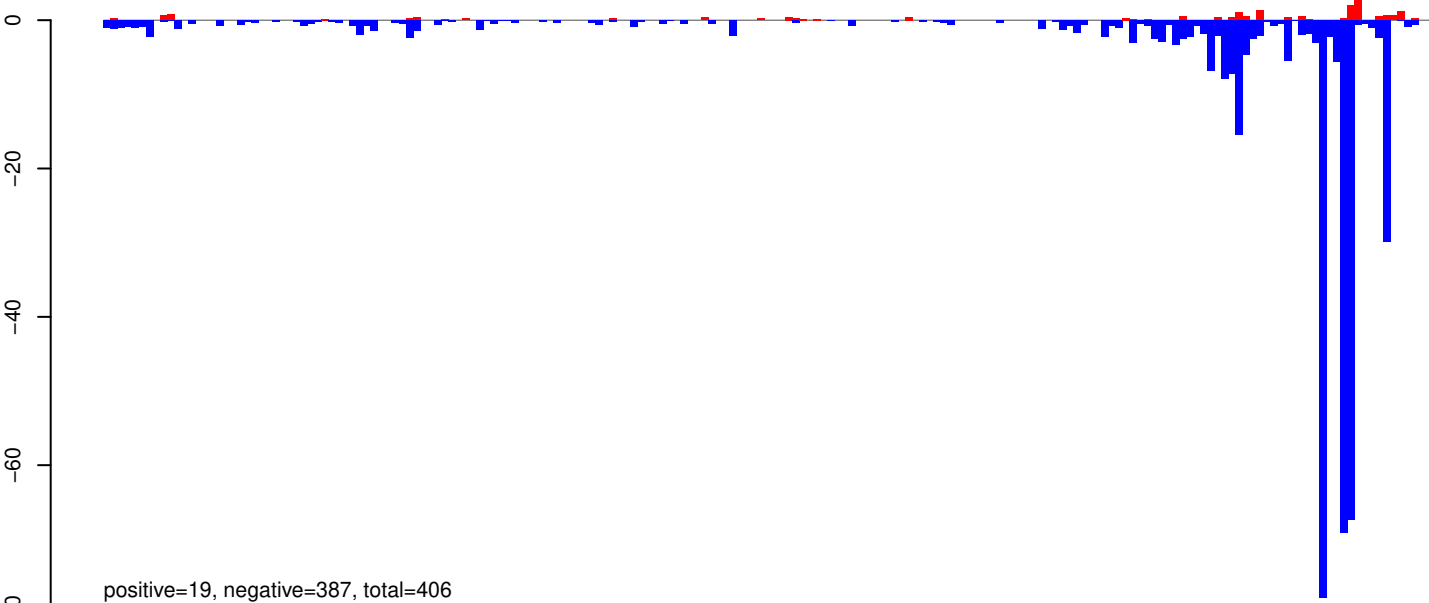
Window size=25, length=4476, TE@Lian-Aa1:1-4476

0 1000 2000 3000 4000

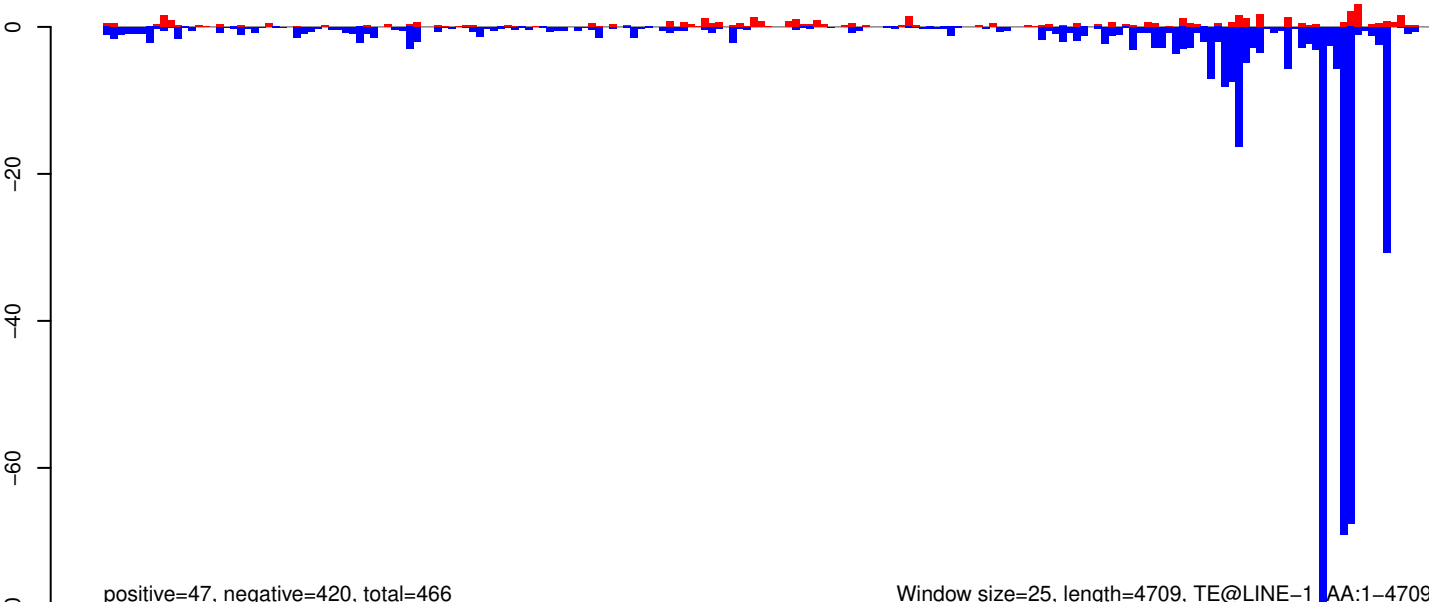
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

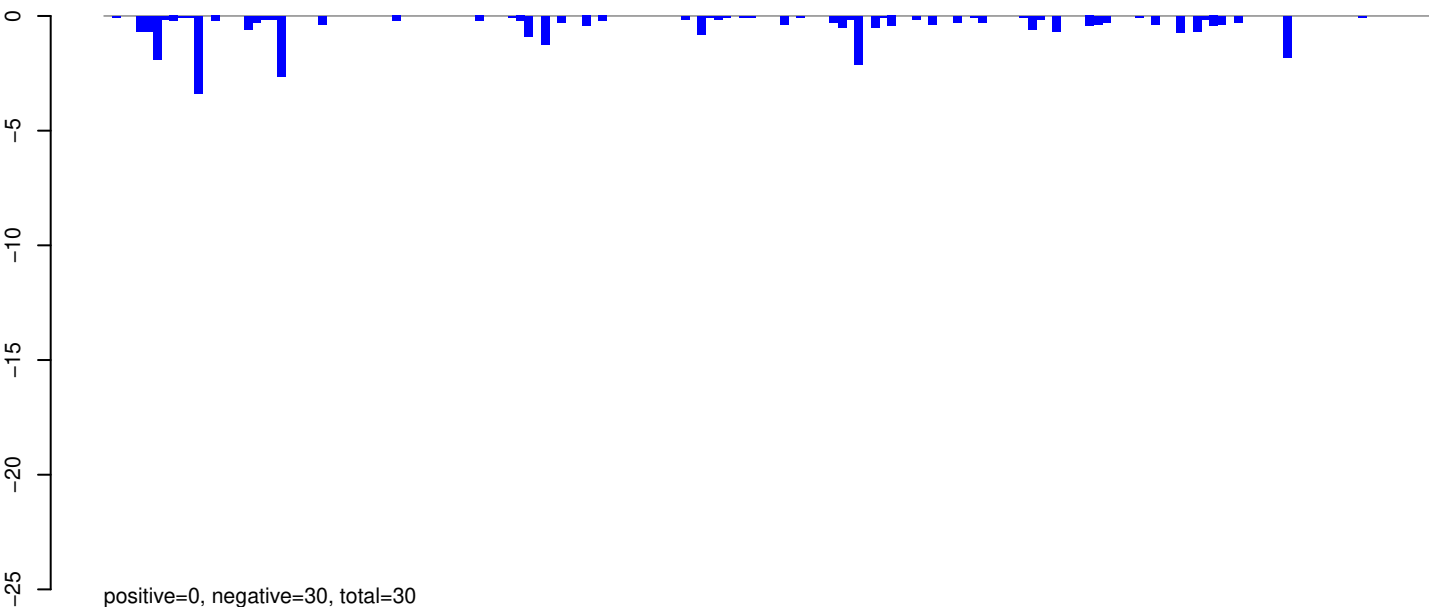


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

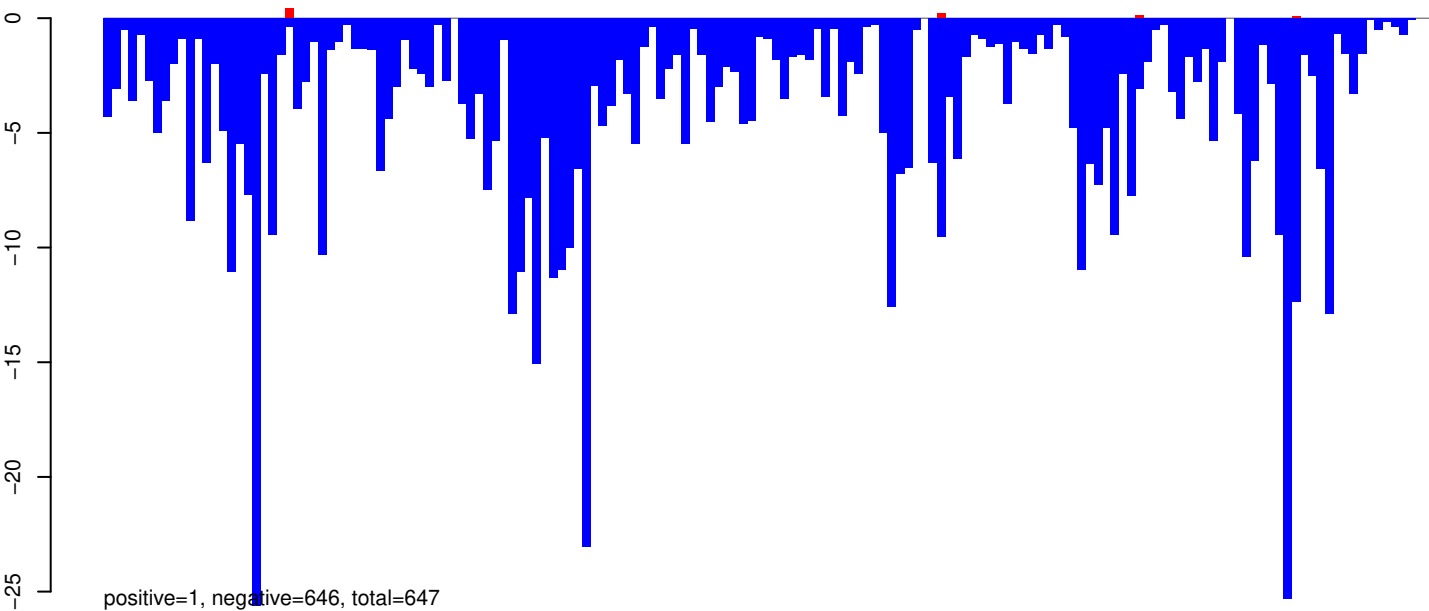




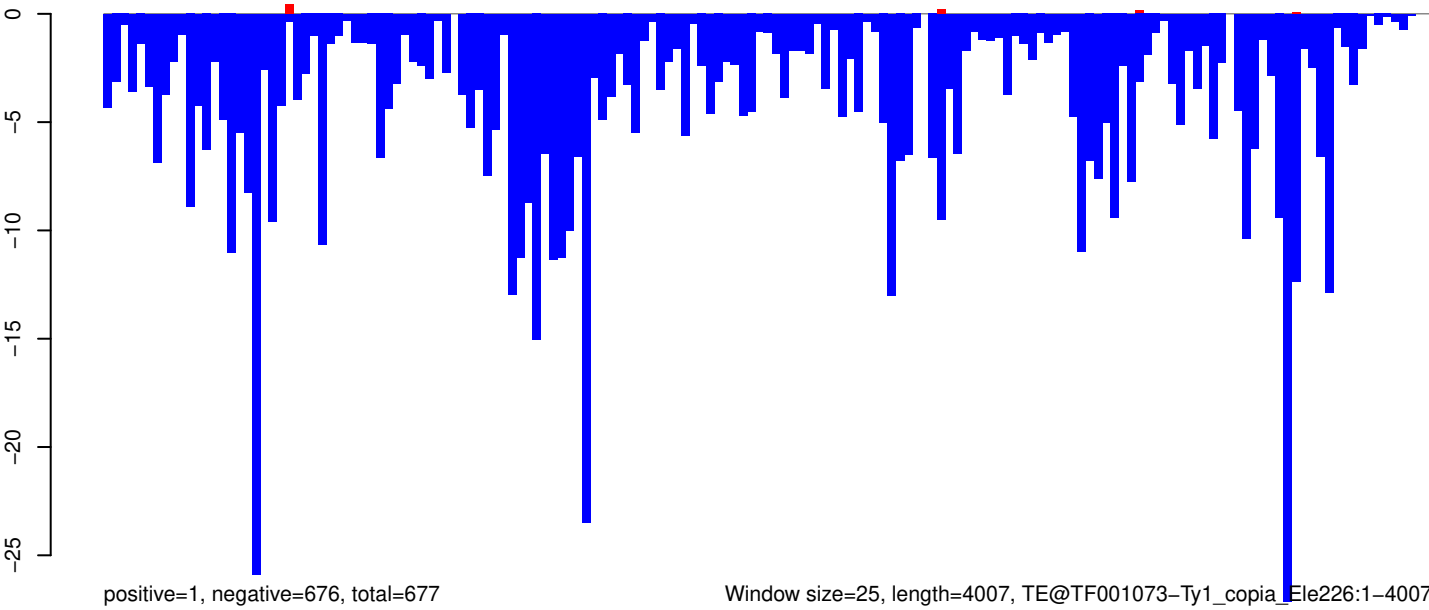
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



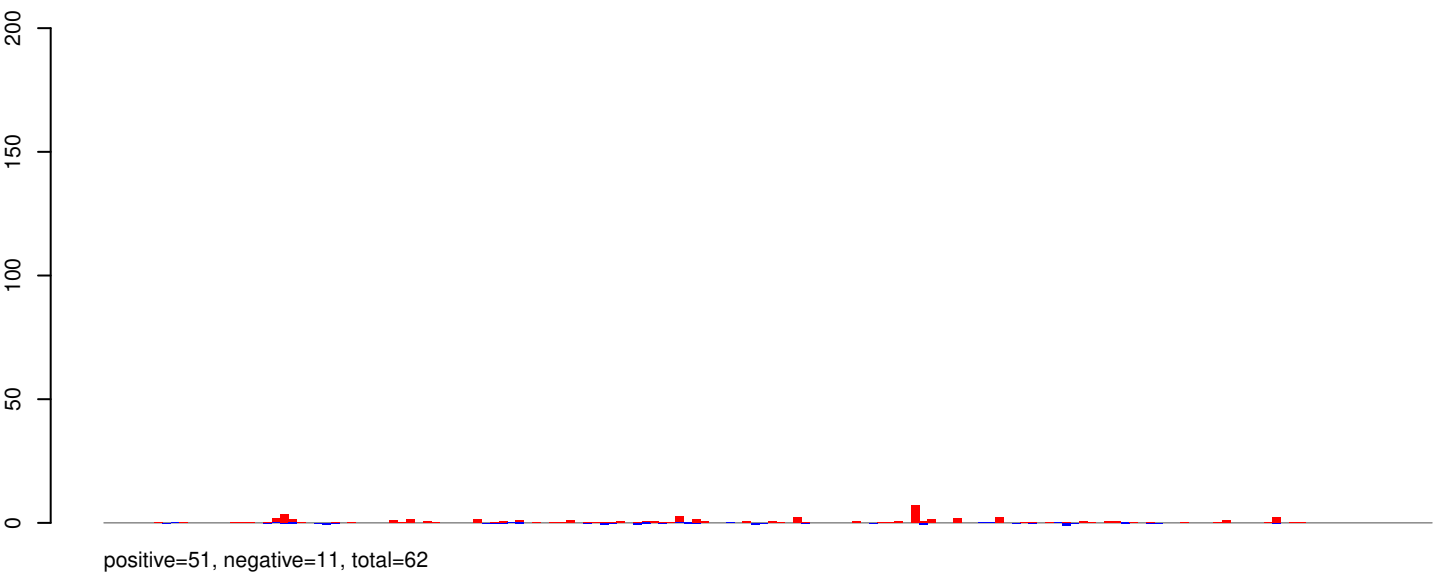
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



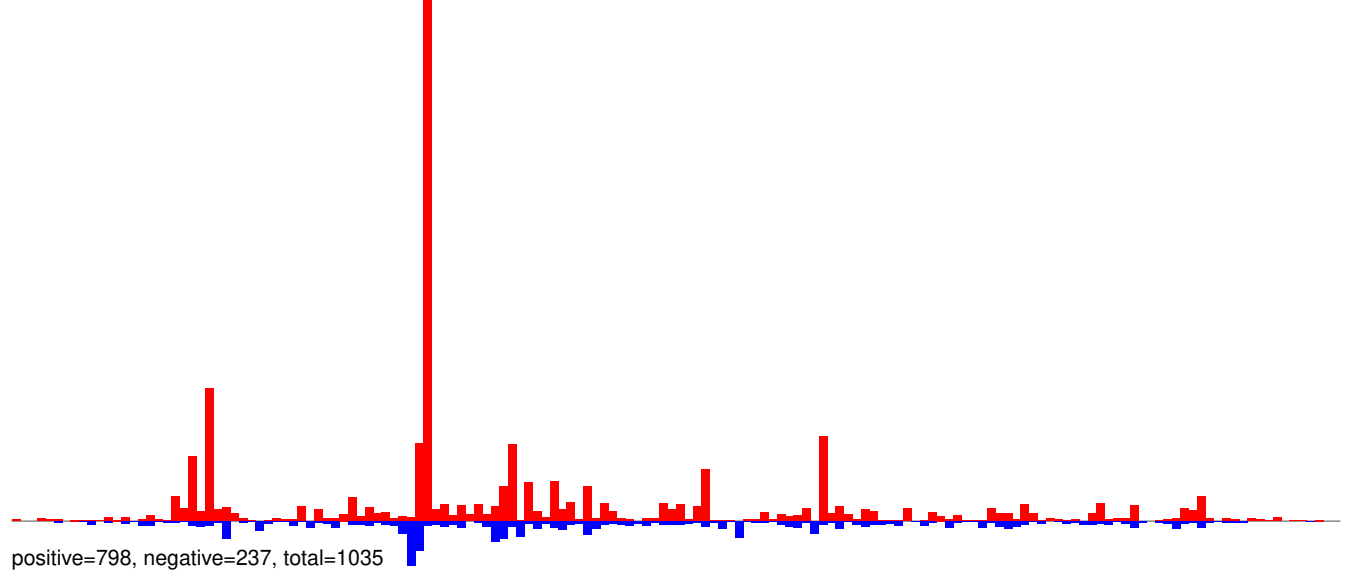
Window size=25, length=4007, TE@TF001073-Ty1\_copia\_Ele226:1-4007

0 1000 2000 3000 4000

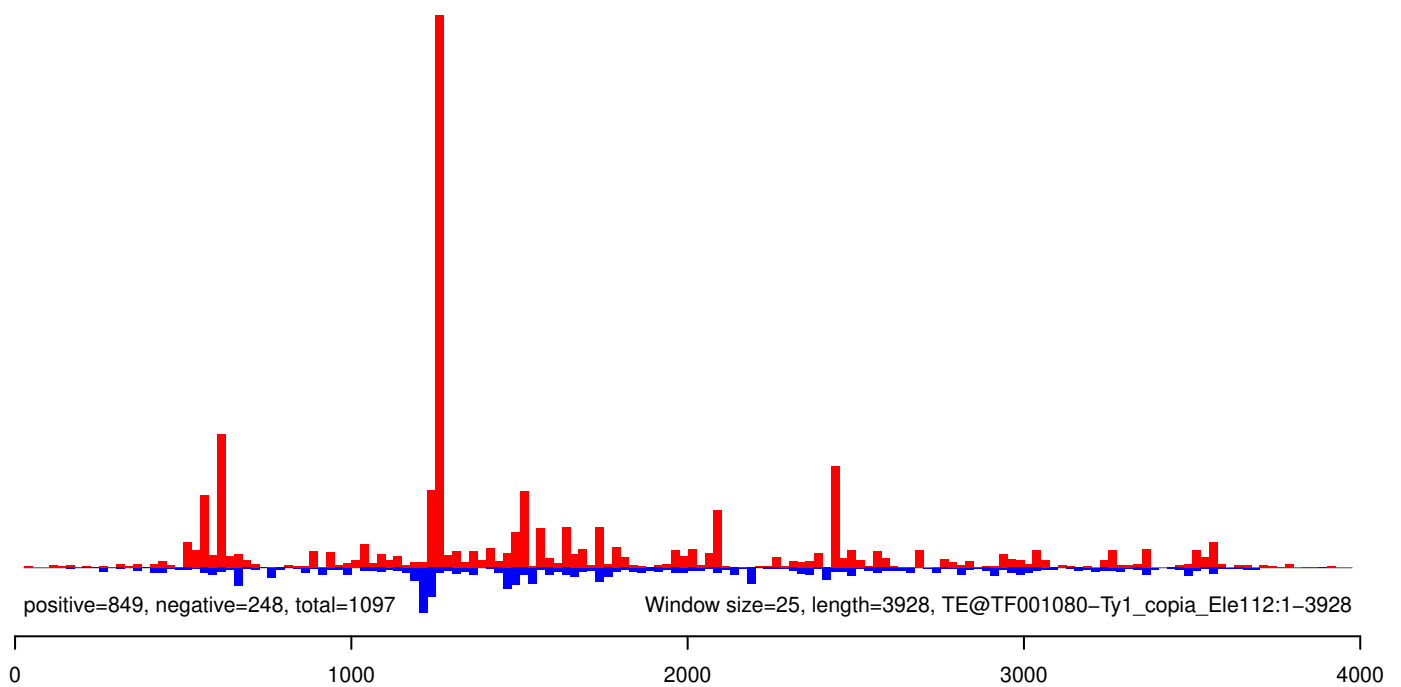
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



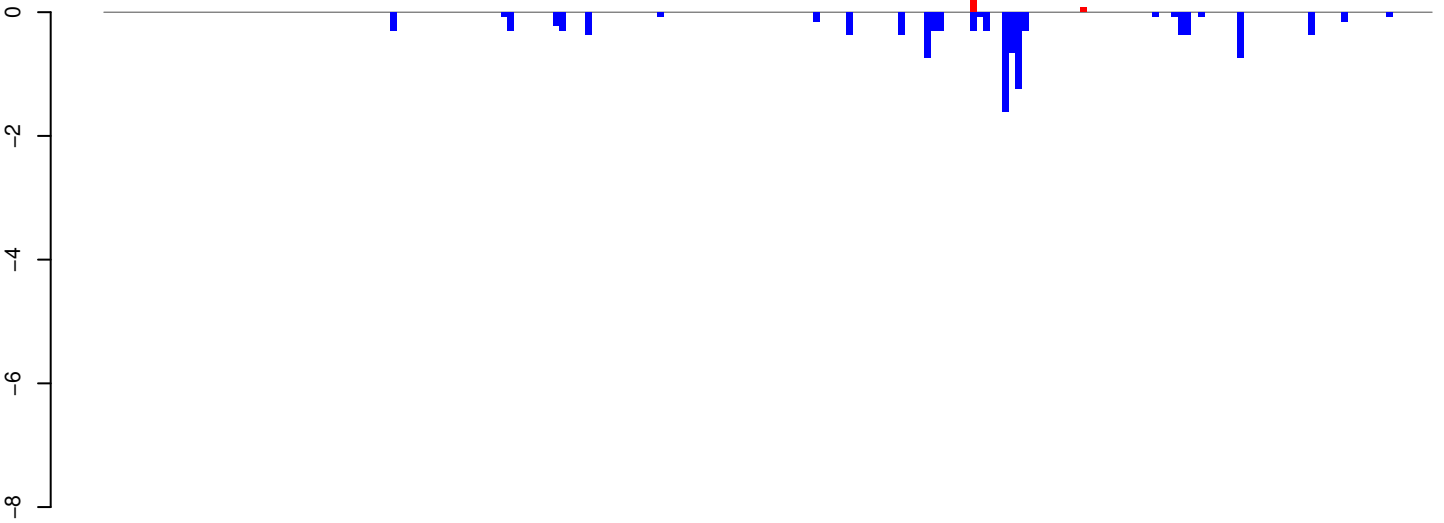
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

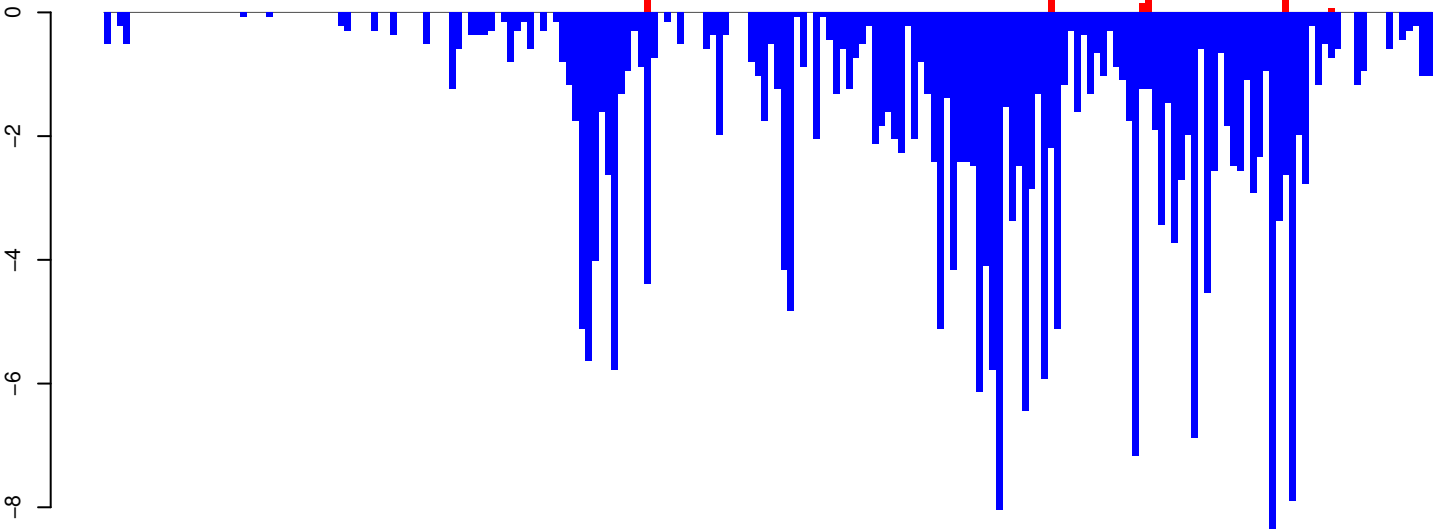


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



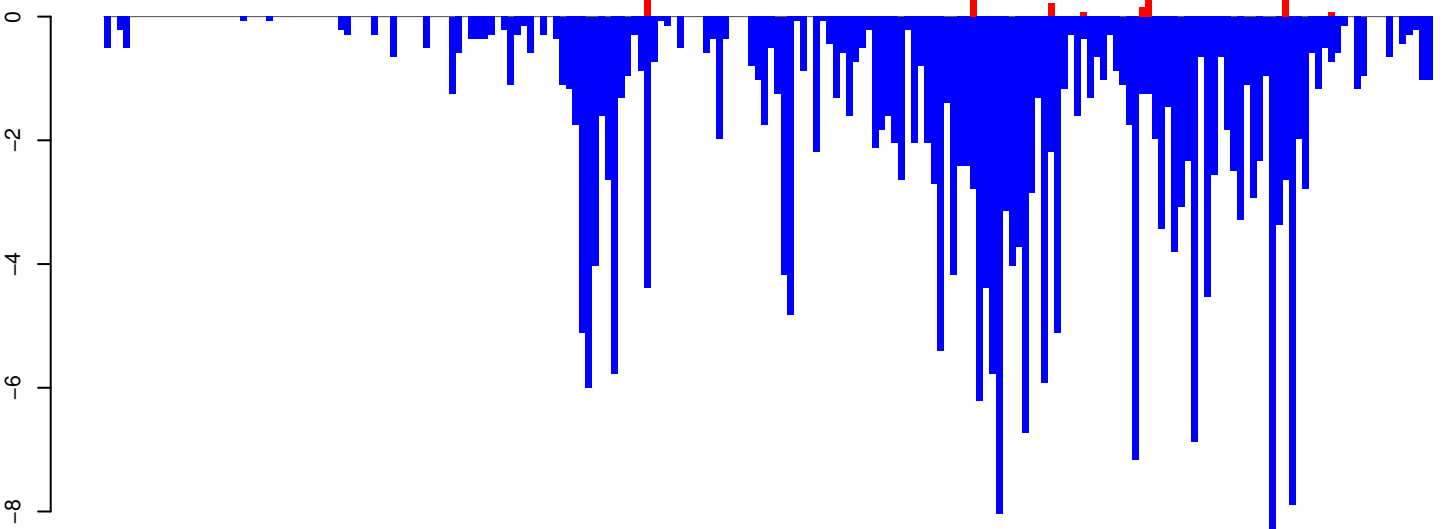
positive=0, negative=11, total=11

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=2, negative=263, total=265

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

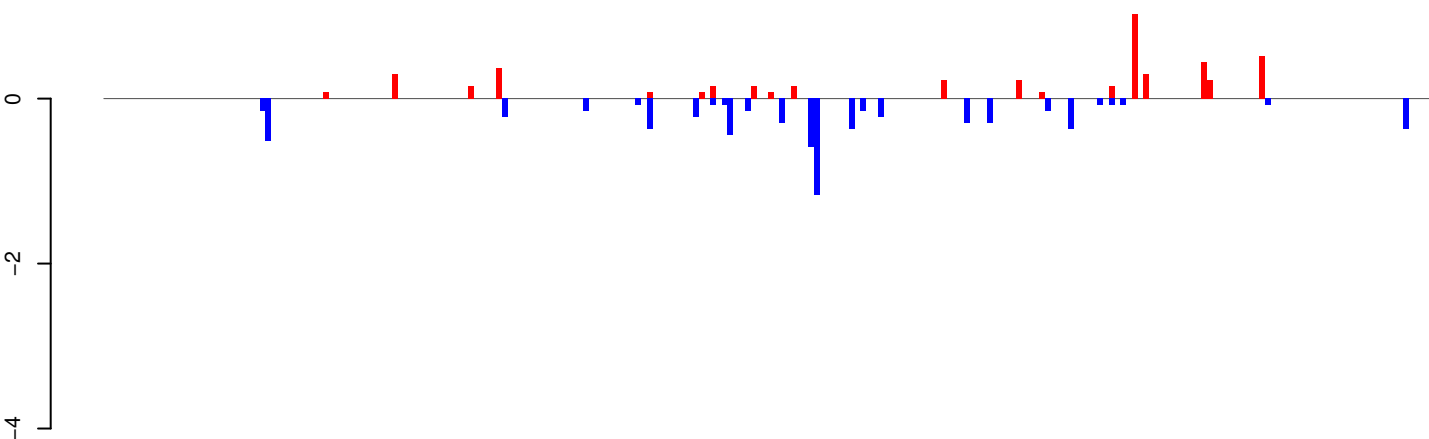


positive=3, negative=274, total=276

Window size=25, length=5091, TE@Gypsy-5\_AA-LTR-I:1-5091

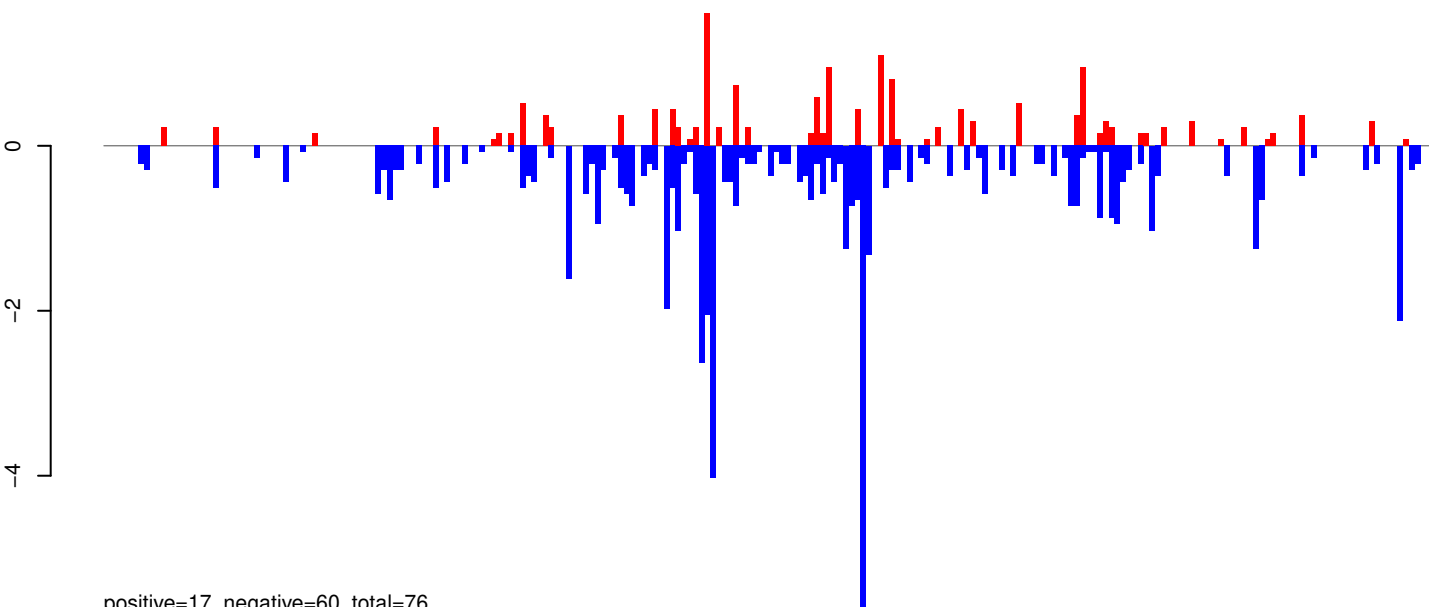
0 1000 2000 3000 4000 5000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



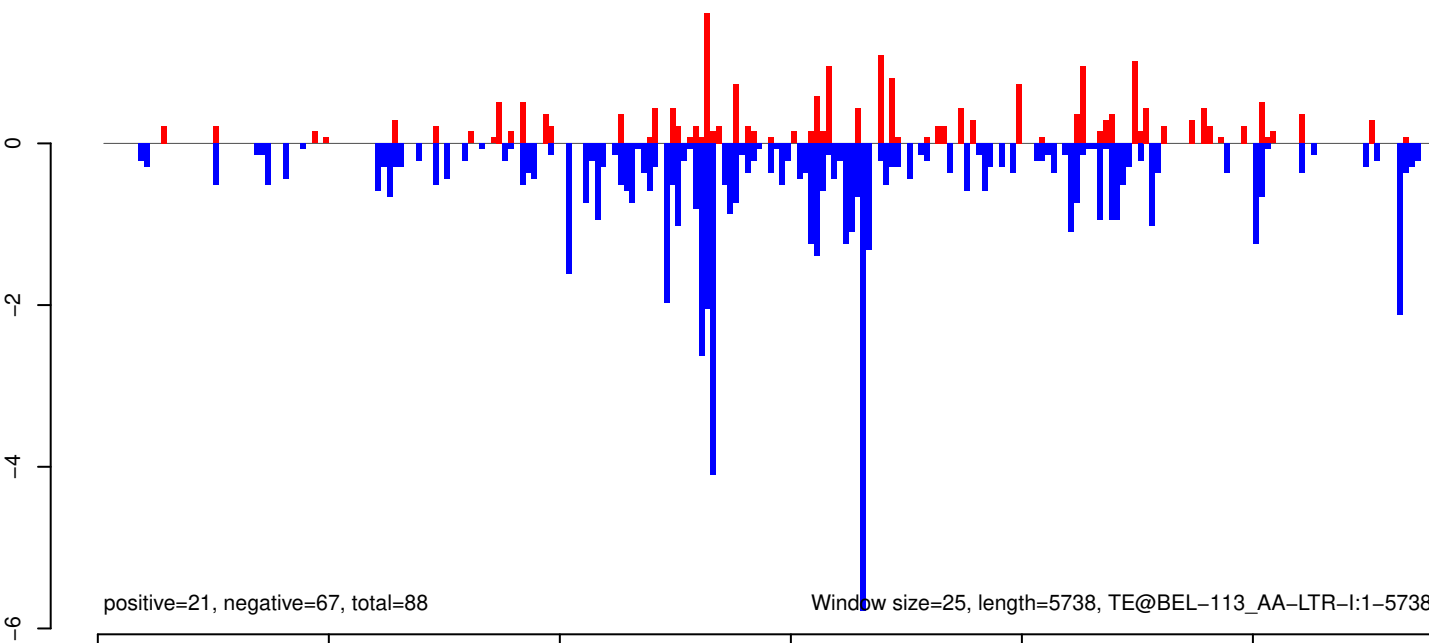
positive=5, negative=7, total=12

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=17, negative=60, total=76

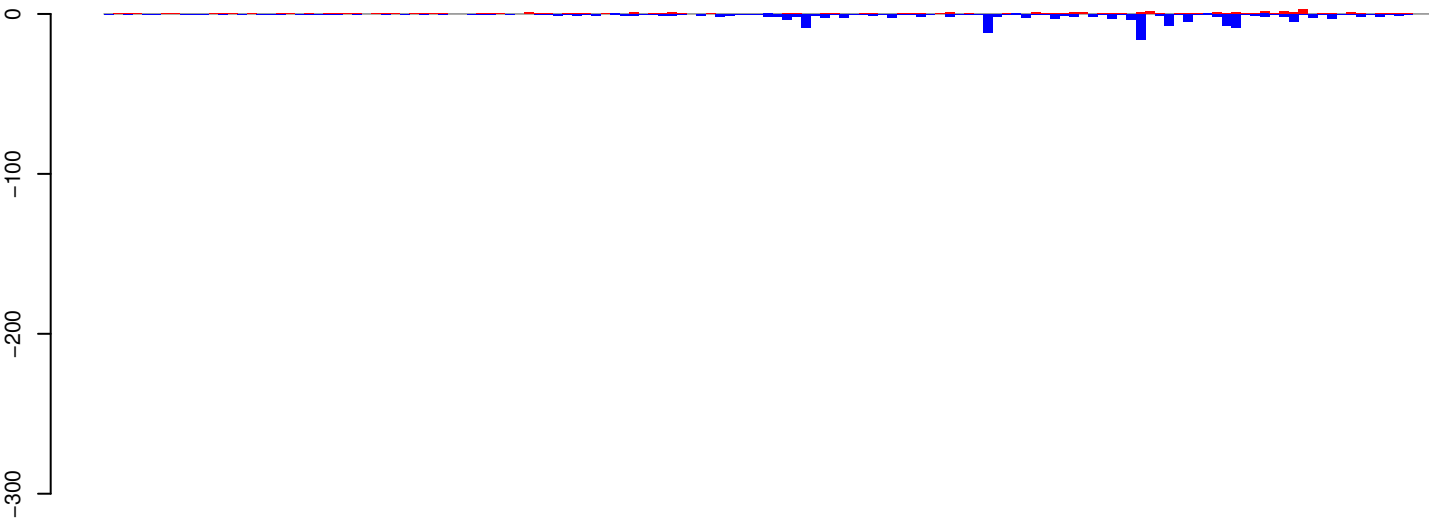
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



positive=21, negative=67, total=88

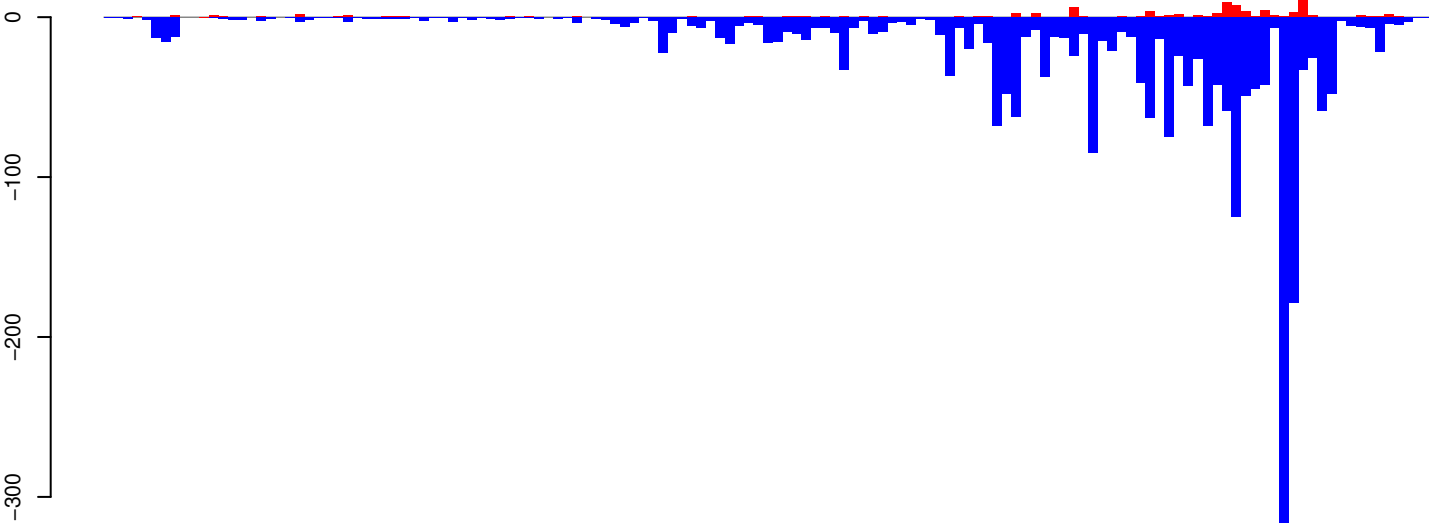
Window size=25, length=5738, TE@BEL-113\_AA-LTR-I:1-5738

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



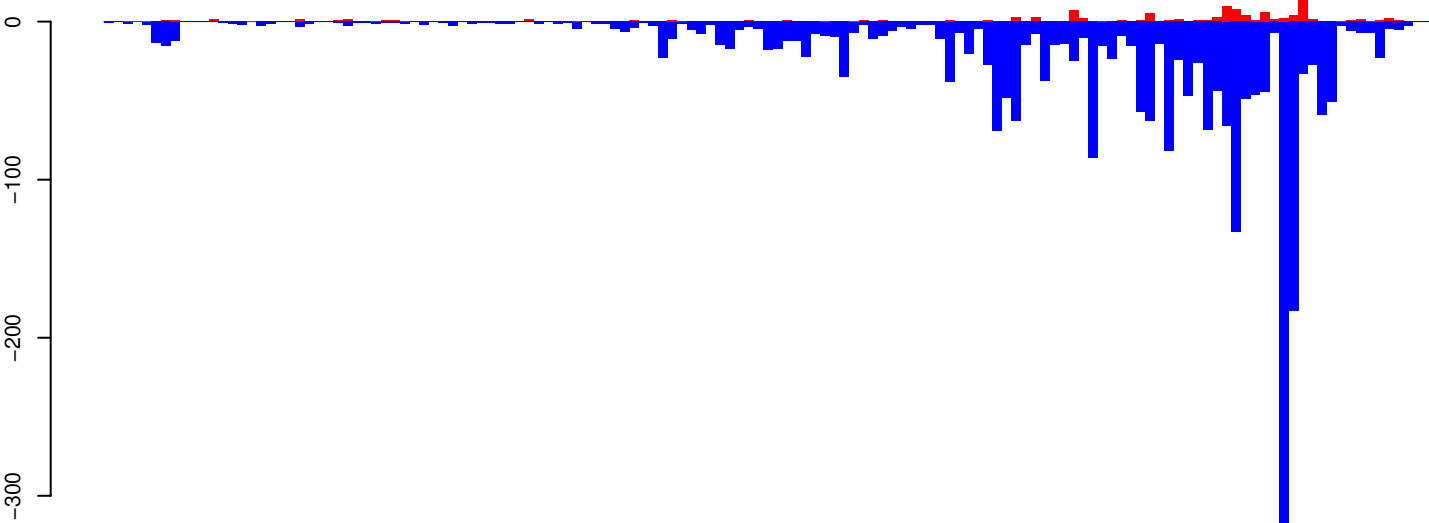
positive=37, negative=149, total=186

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



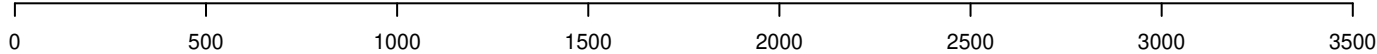
positive=92, negative=2360, total=2452

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

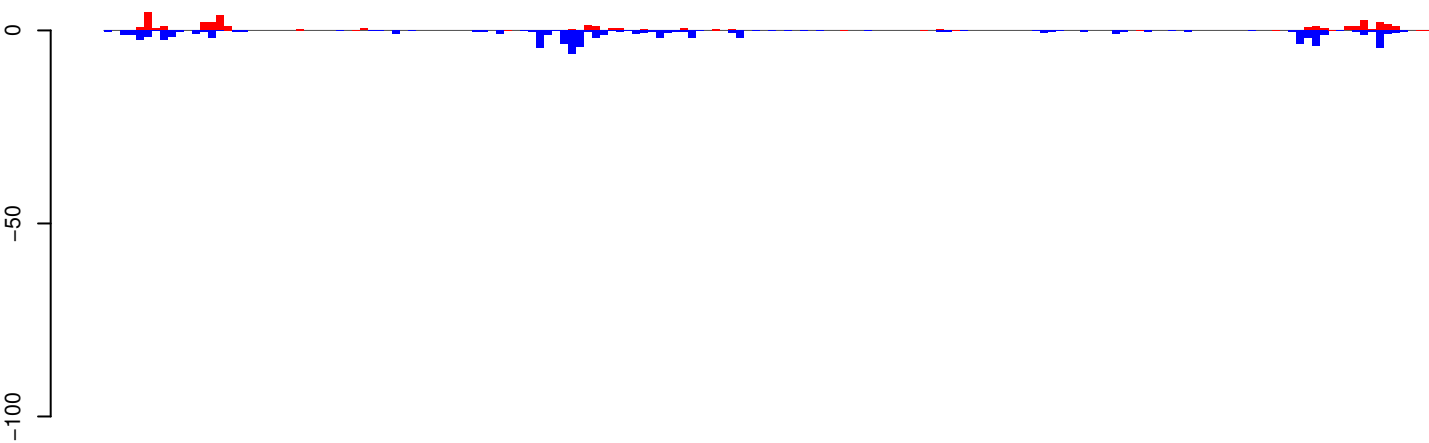


positive=129, negative=2508, total=2638

Window size=25, length=3464, TE@JAM1:1-3464

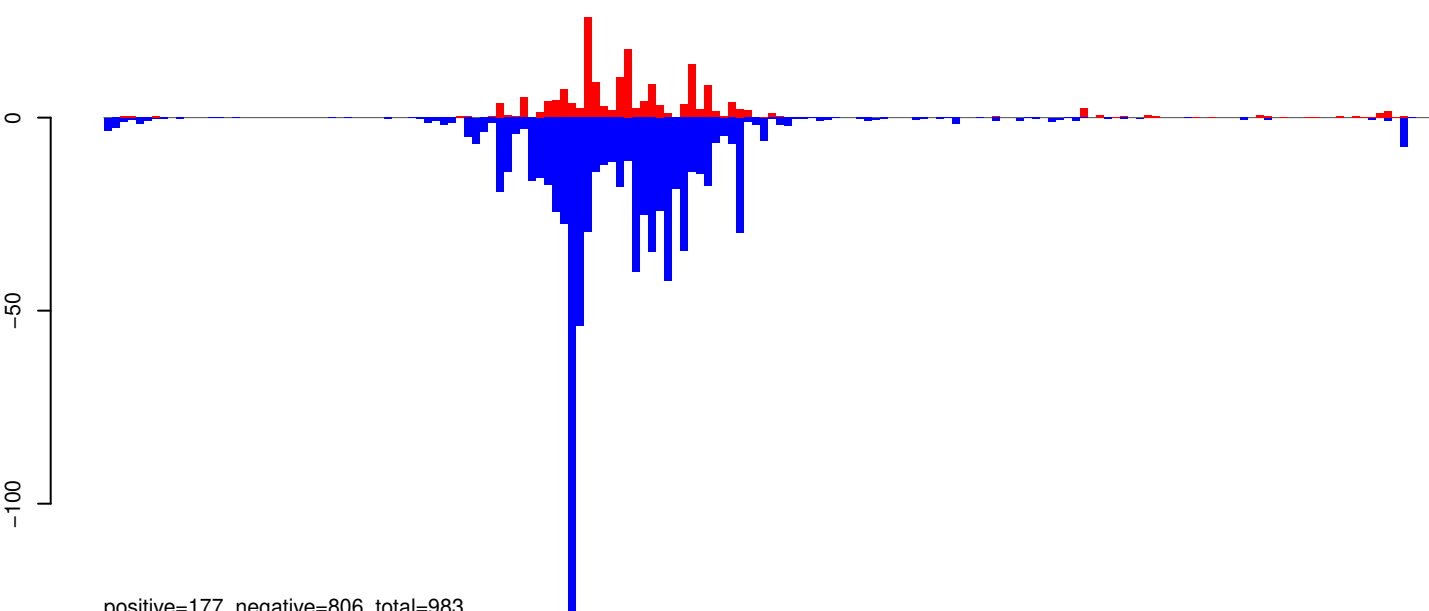


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



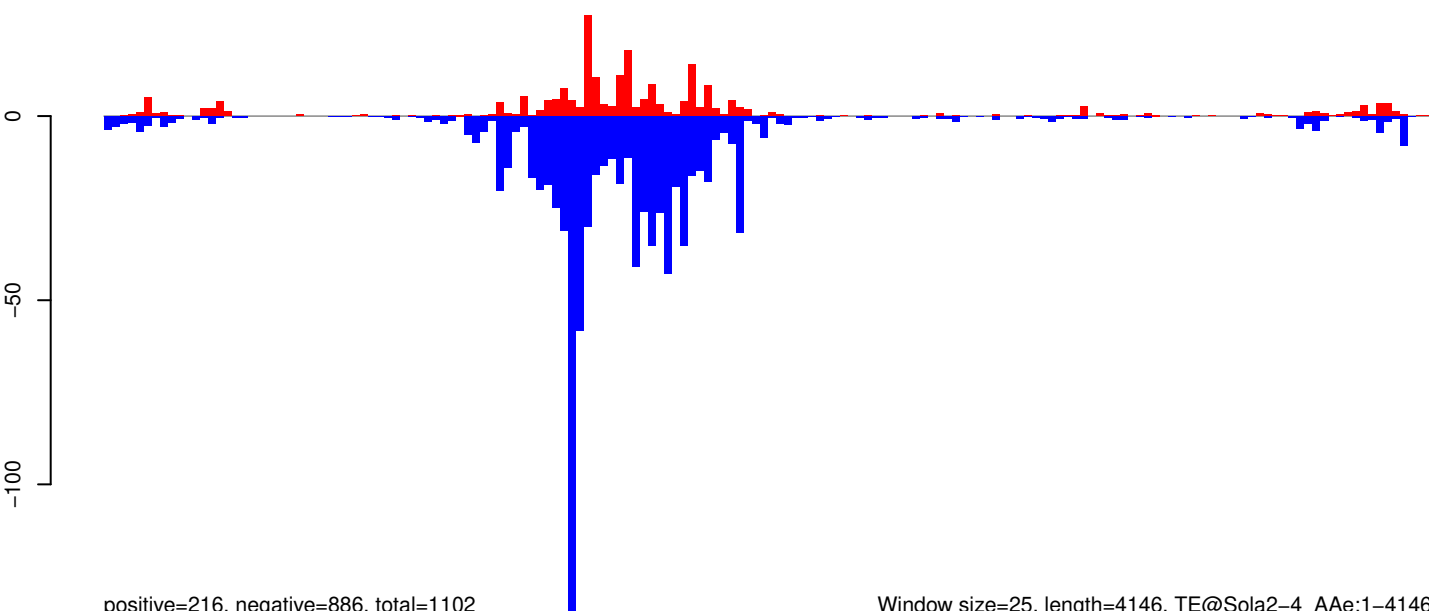
positive=39, negative=80, total=119

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=177, negative=806, total=983

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

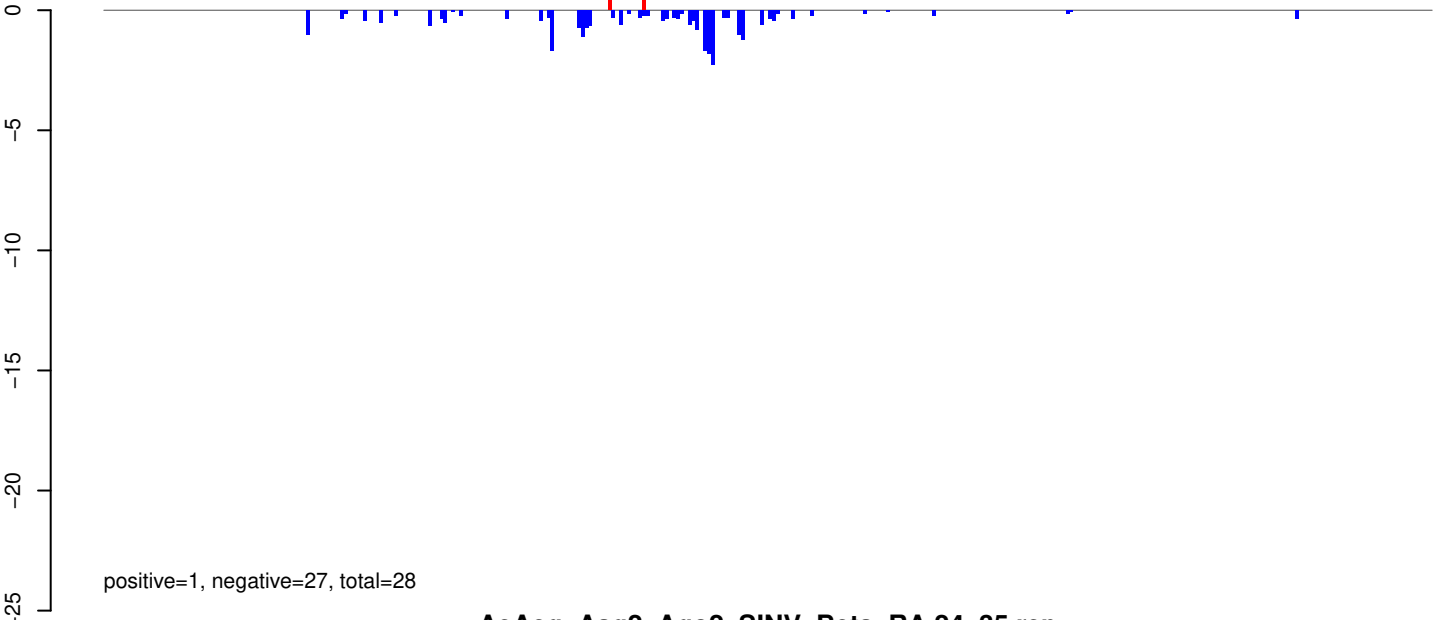


positive=216, negative=886, total=1102

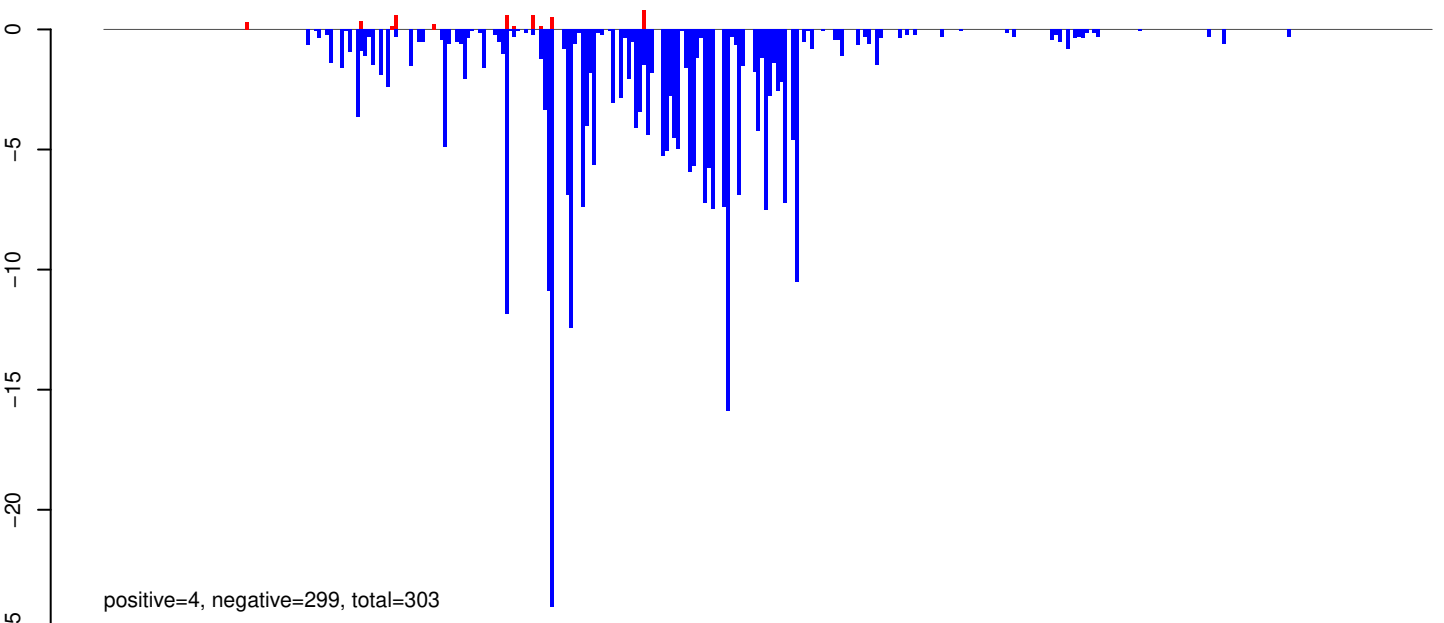
Window size=25, length=4146, TE@Sola2-4\_AAe:1-4146

0 1000 2000 3000 4000

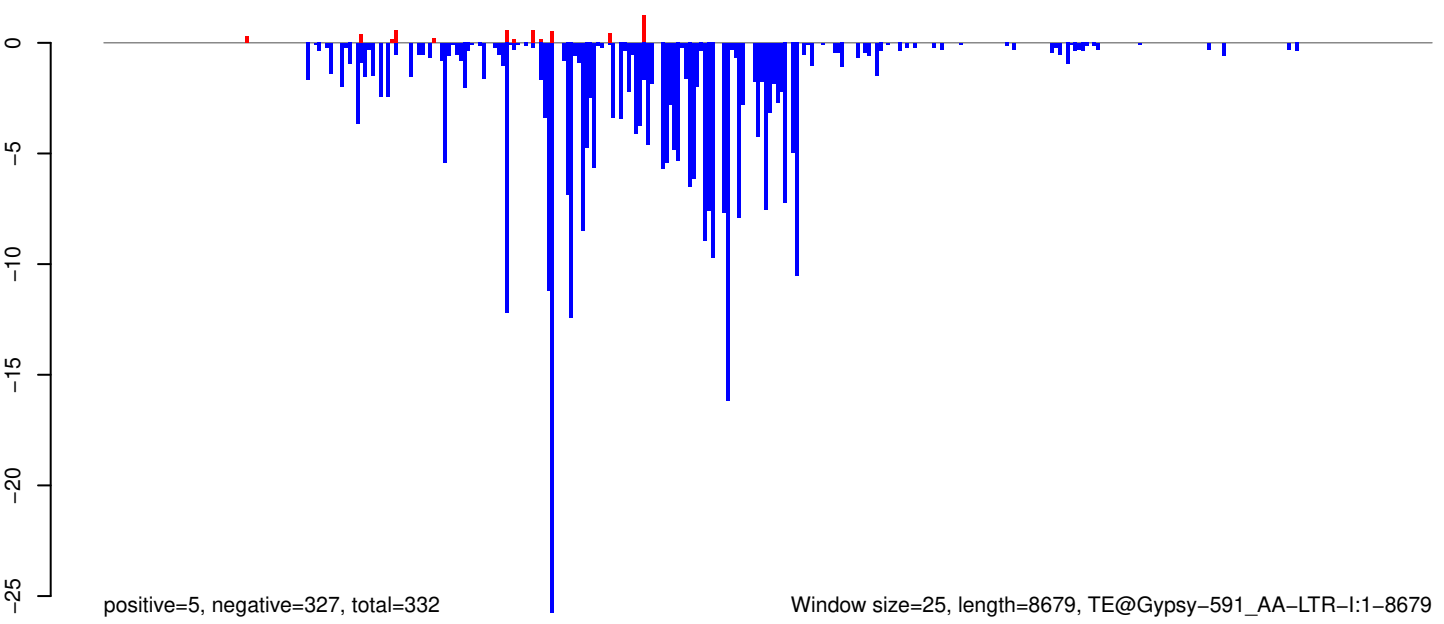
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



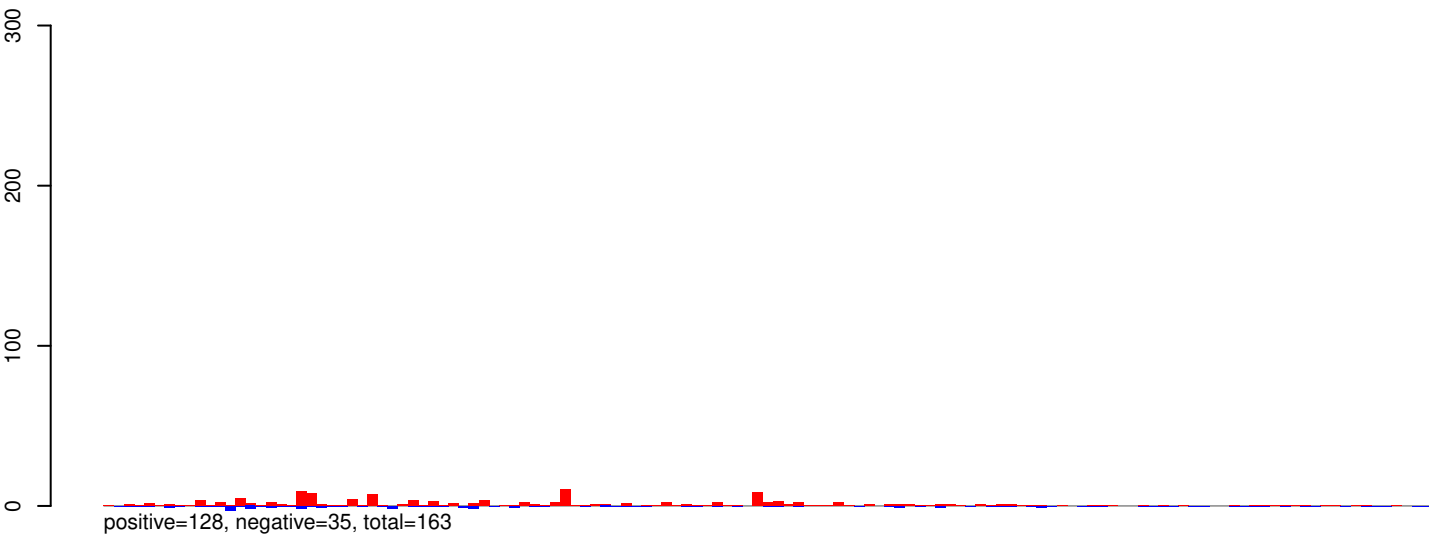
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



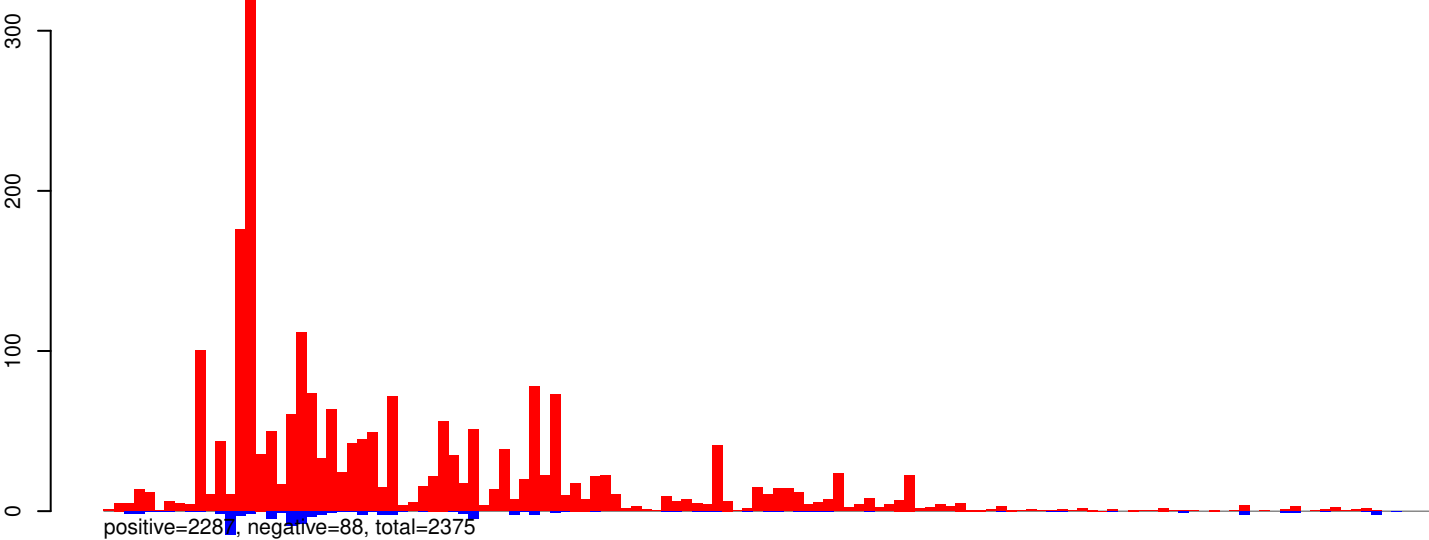
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



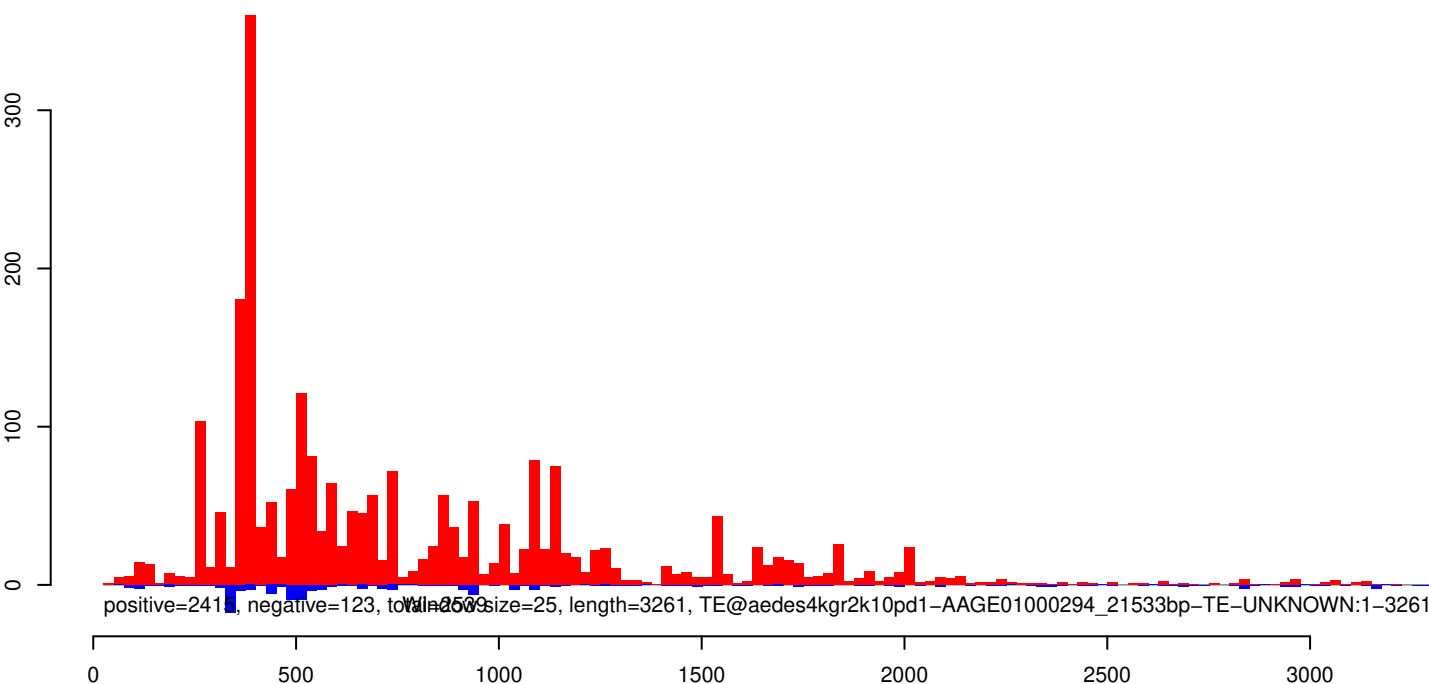
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

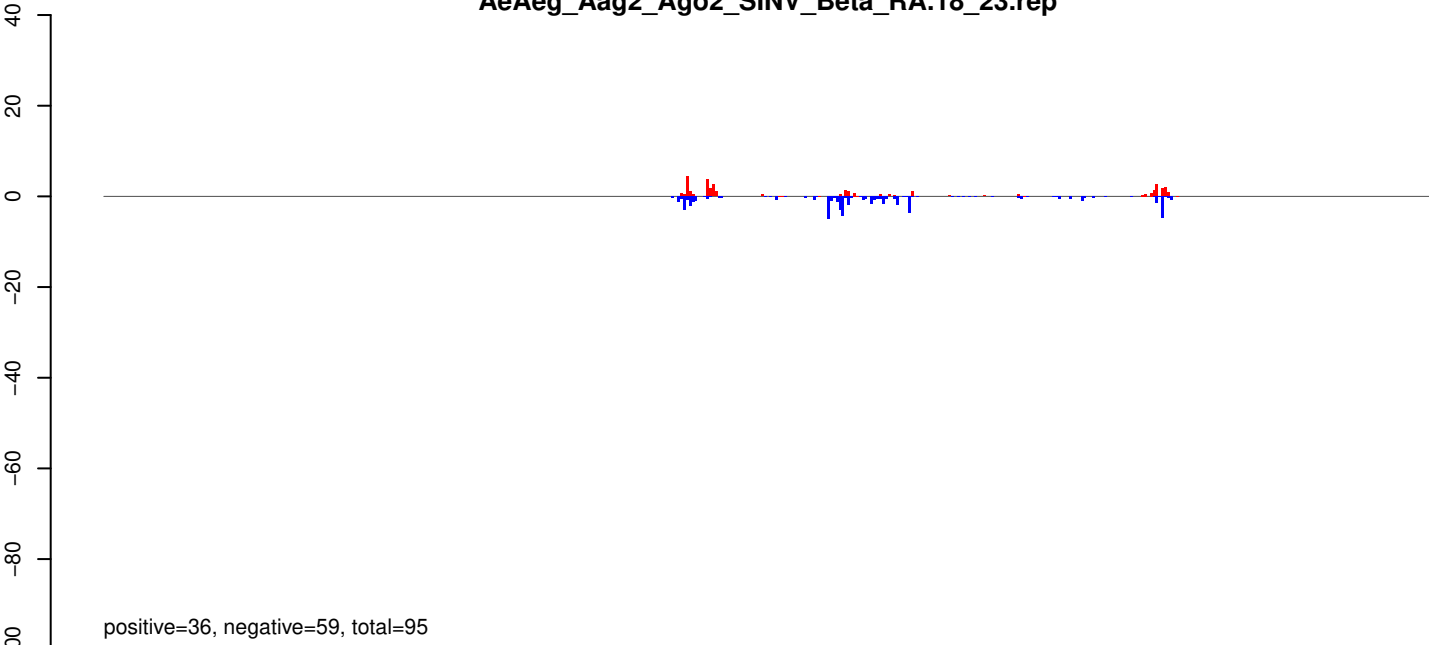


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



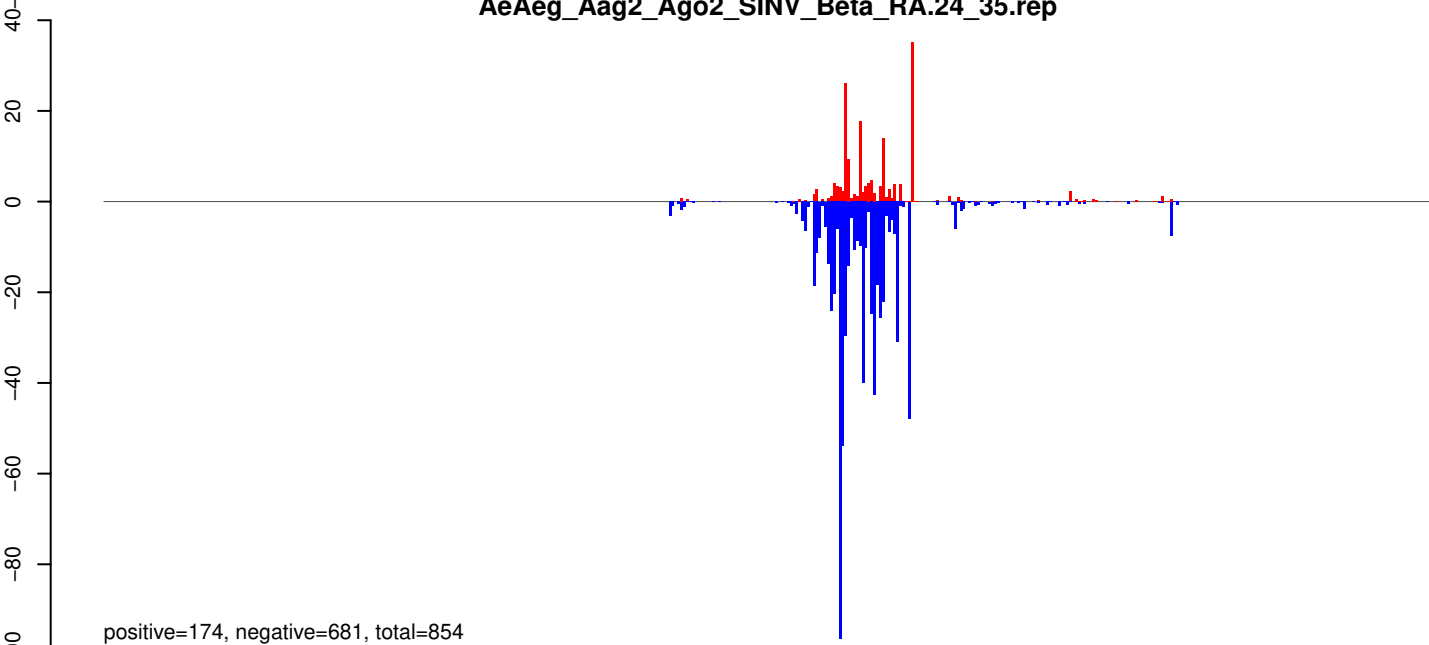


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



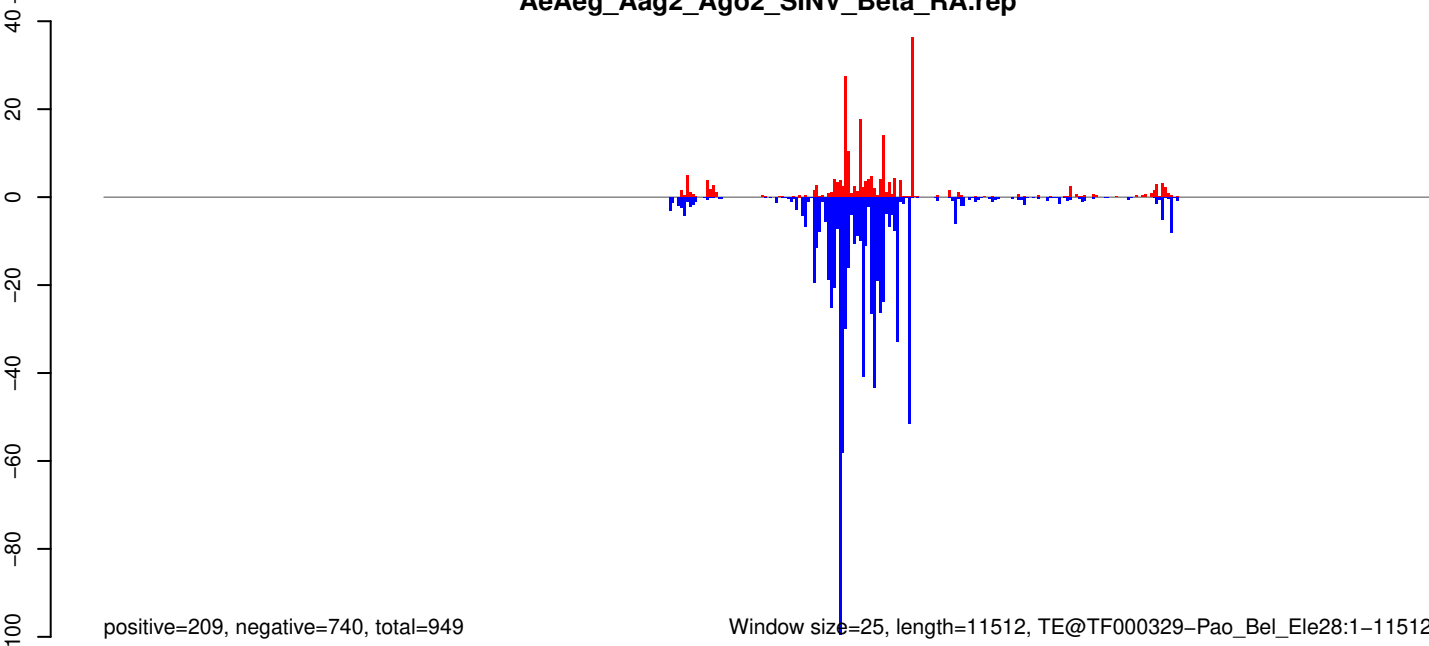
positive=36, negative=59, total=95

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=174, negative=681, total=854

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

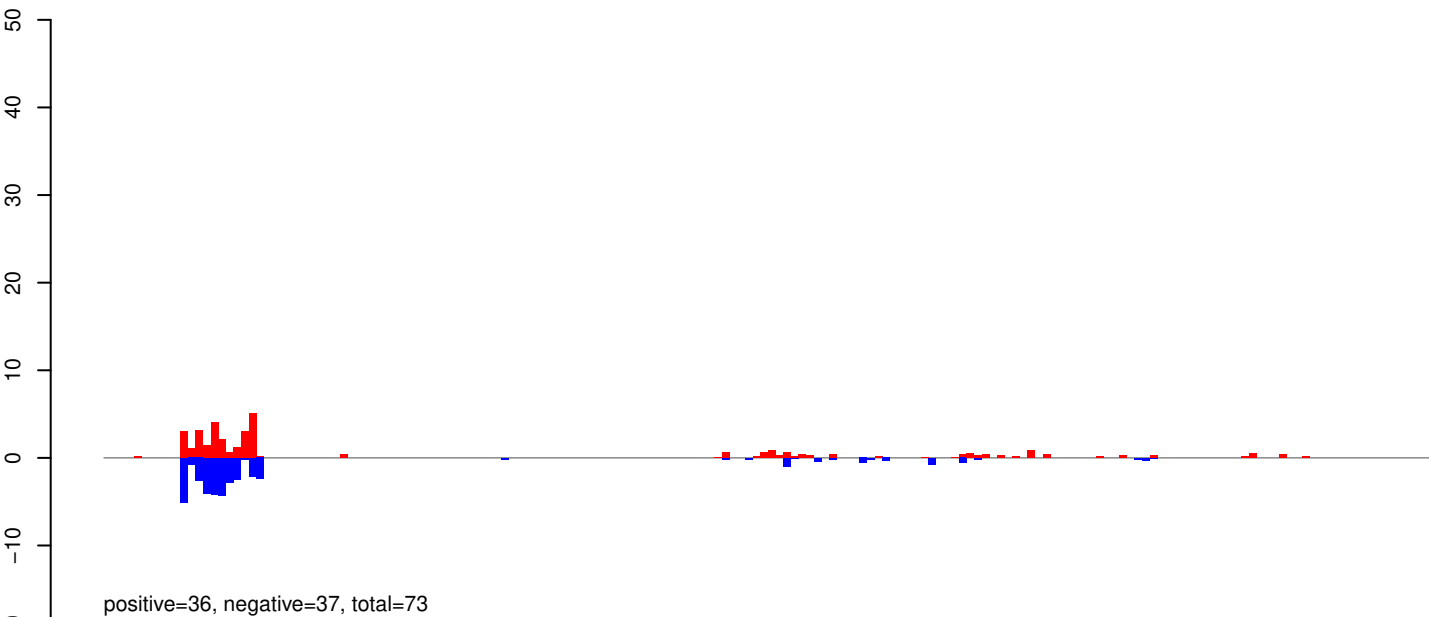


positive=209, negative=740, total=949

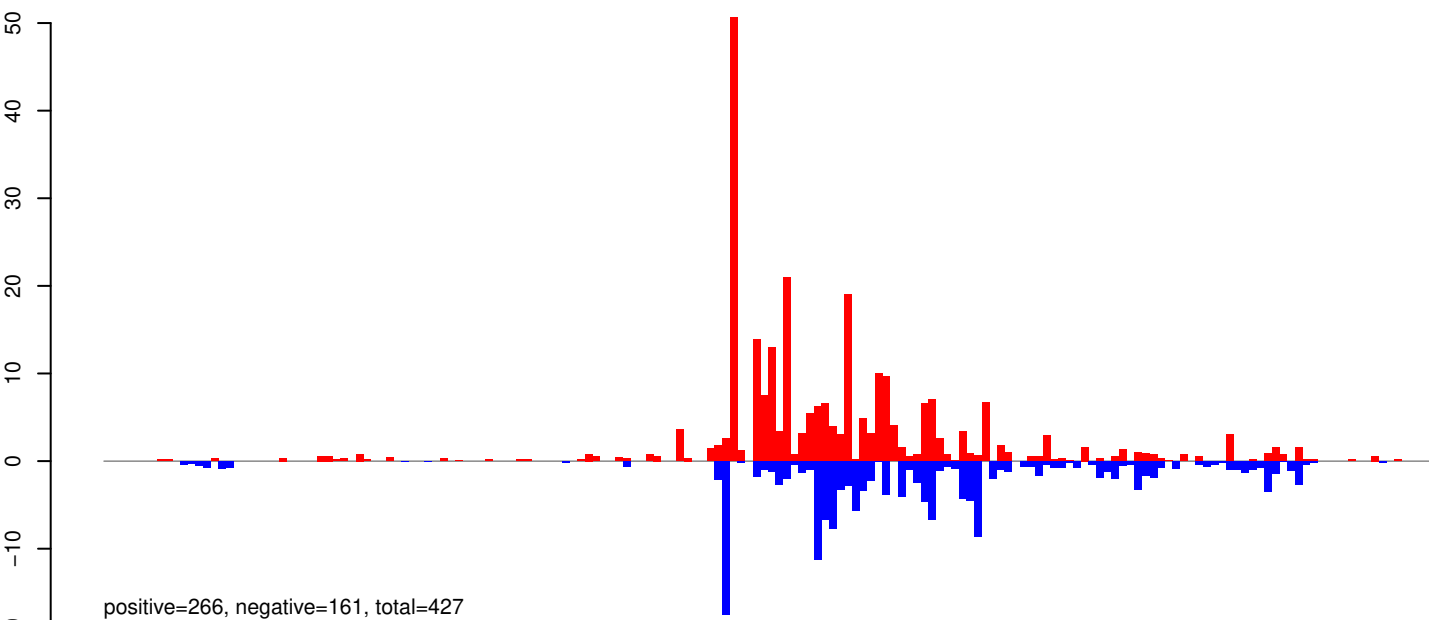
Window size=25, length=11512, TE@TF000329-Pao\_Bel\_Ele28:1-11512

0 2000 4000 6000 8000 10000 12000

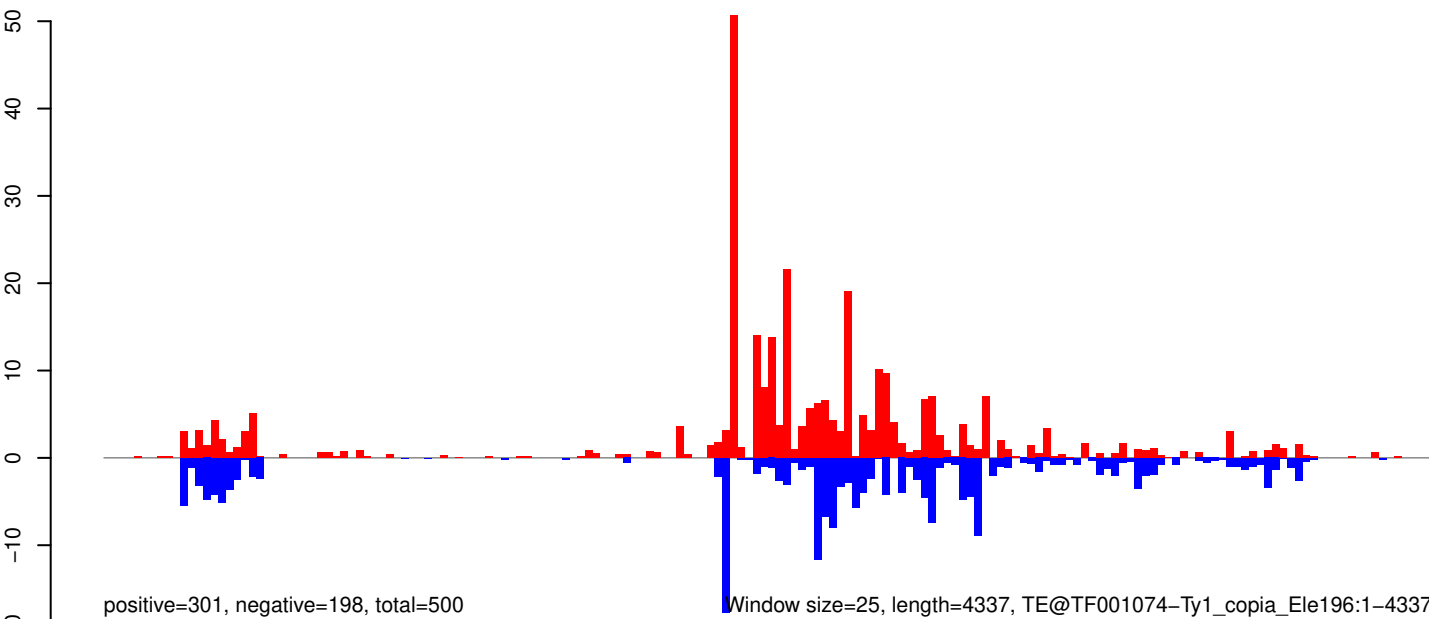
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

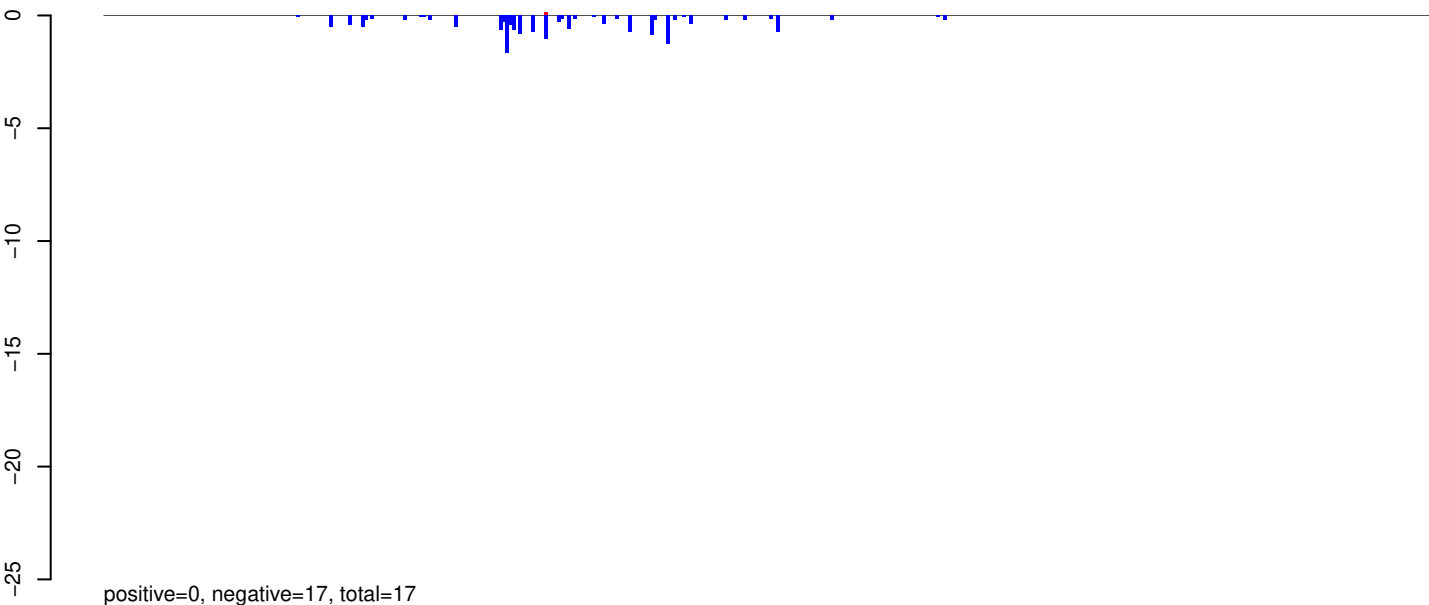


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

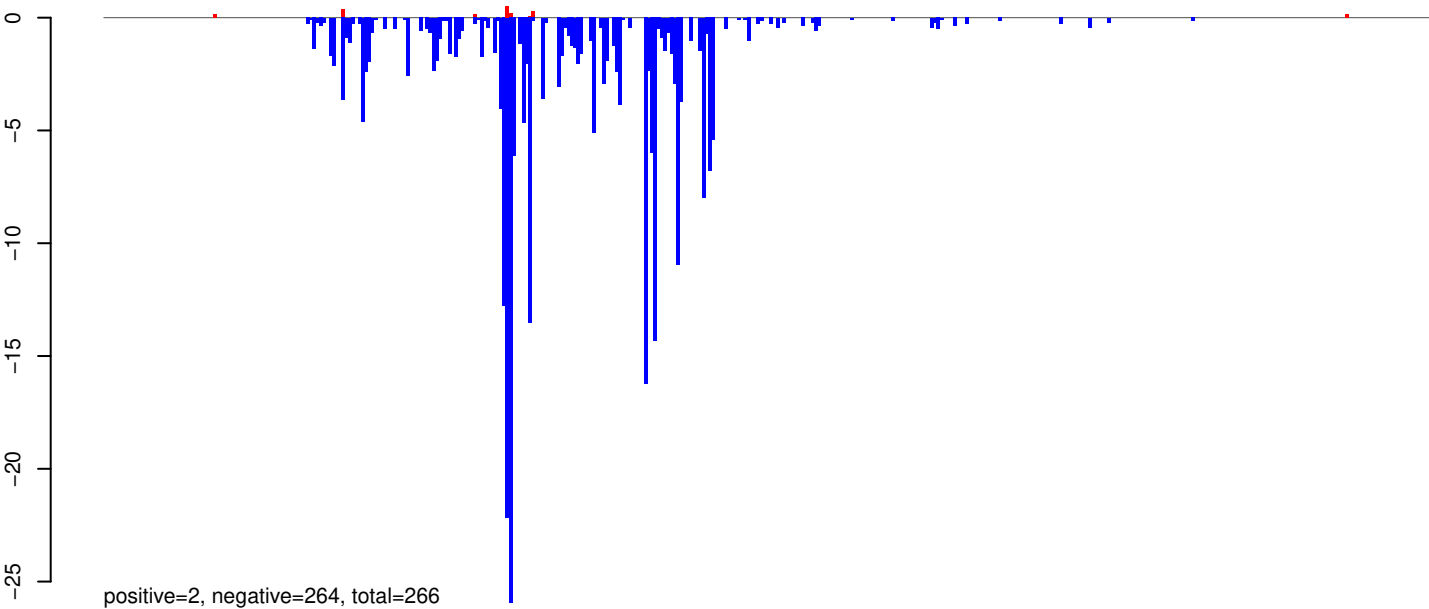


0 1000 2000 3000 4000

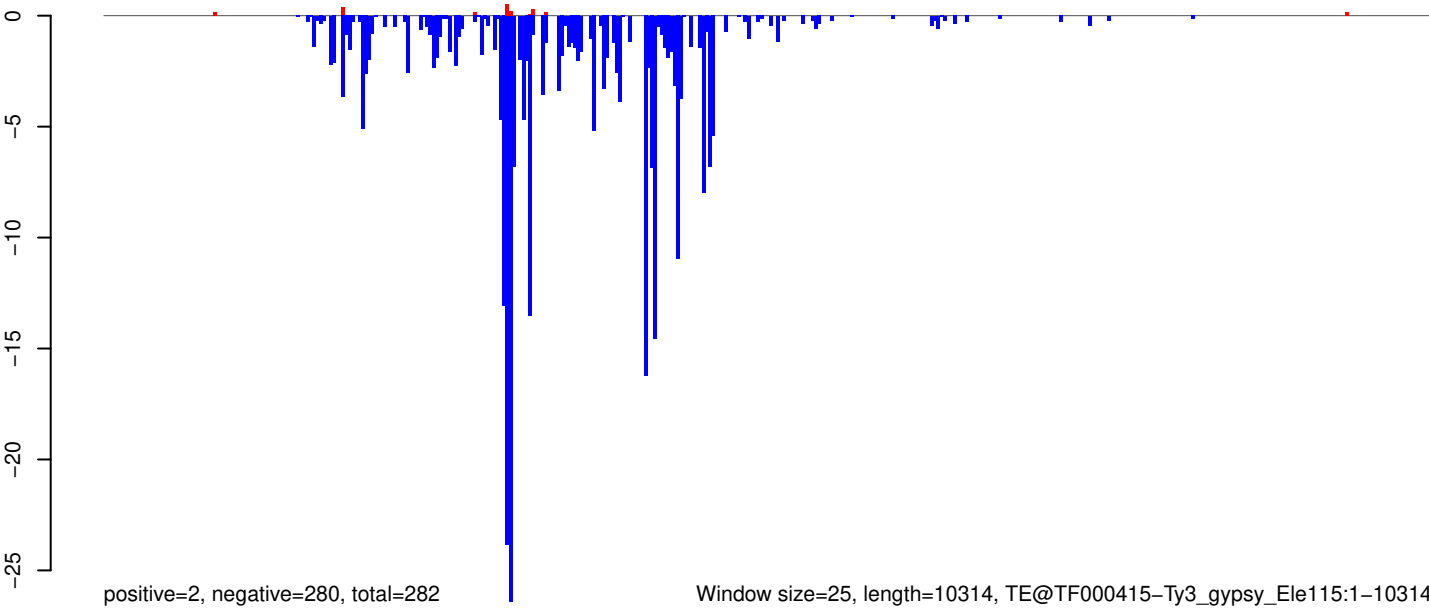
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



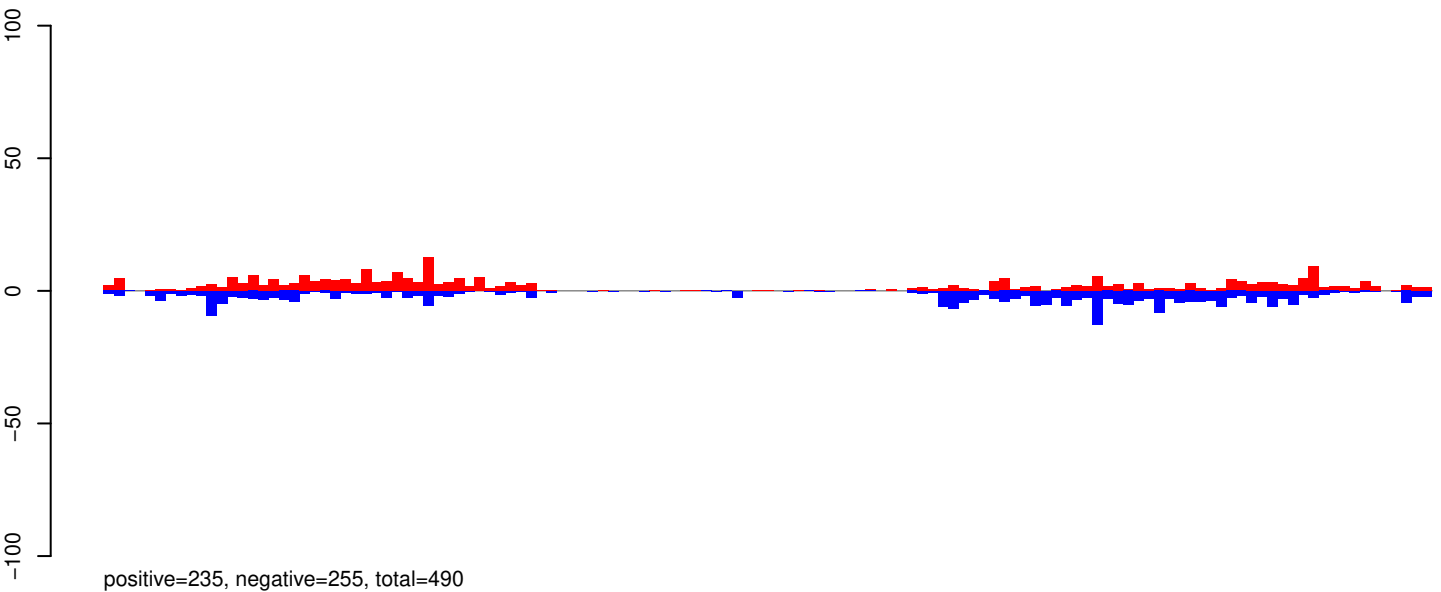
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



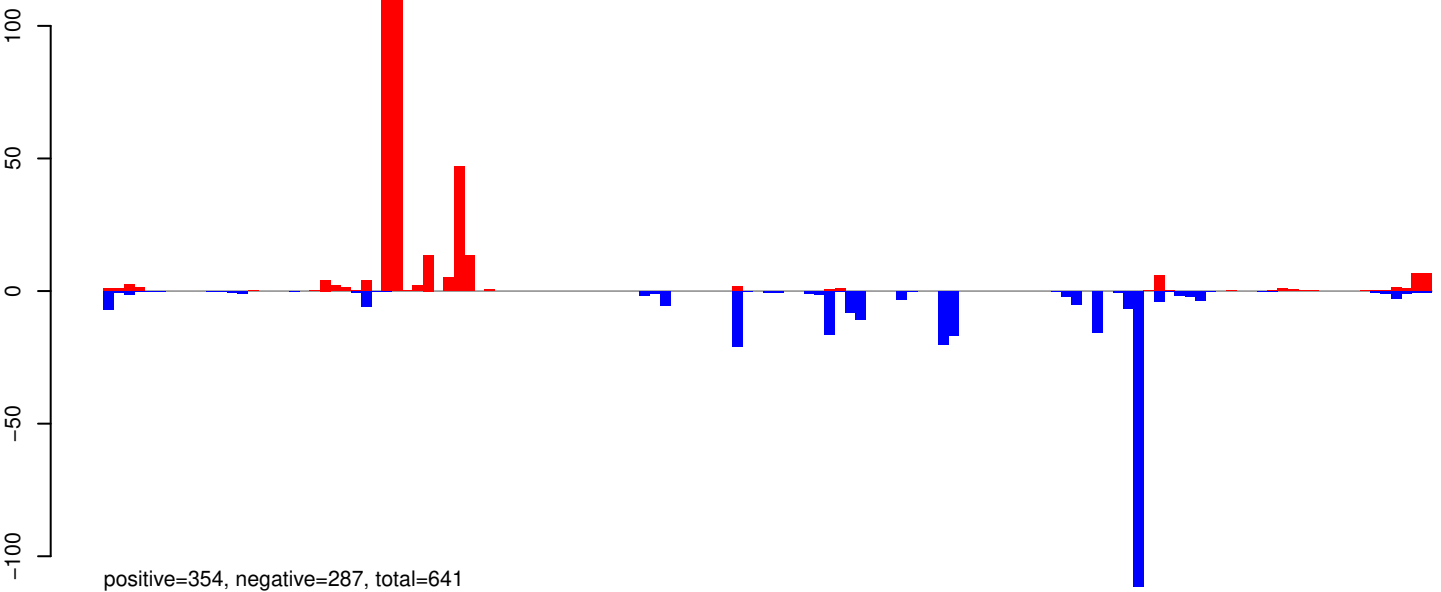
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



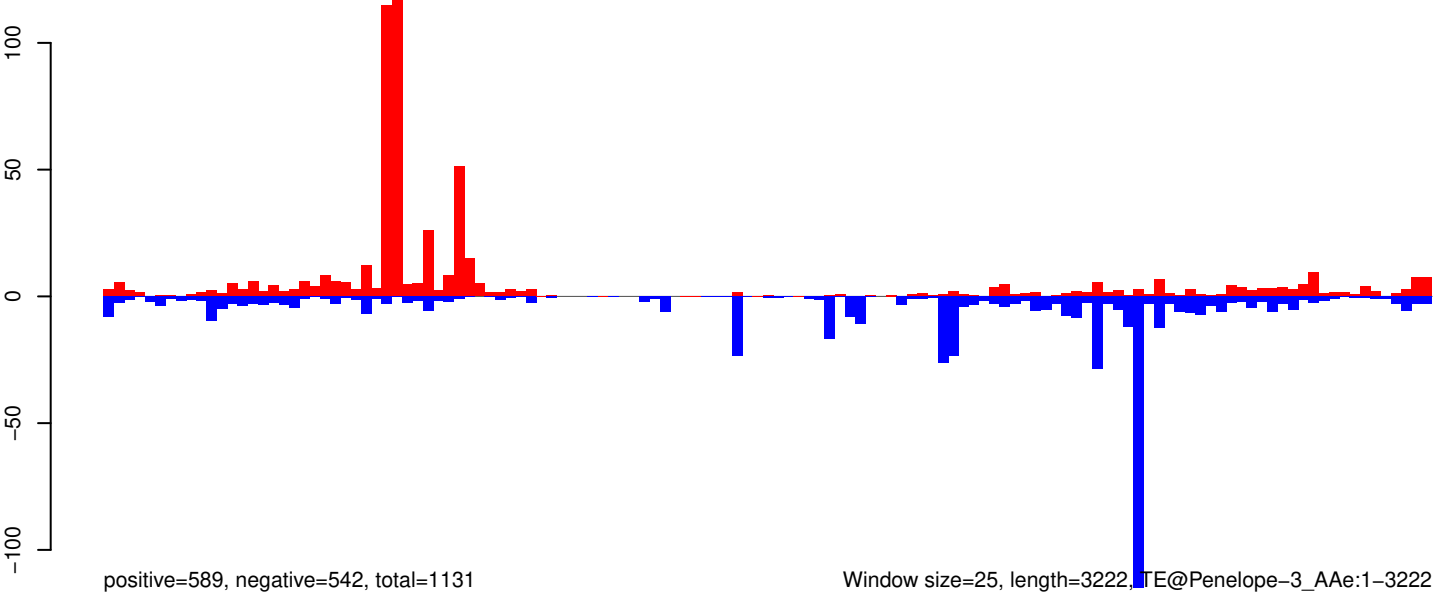
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



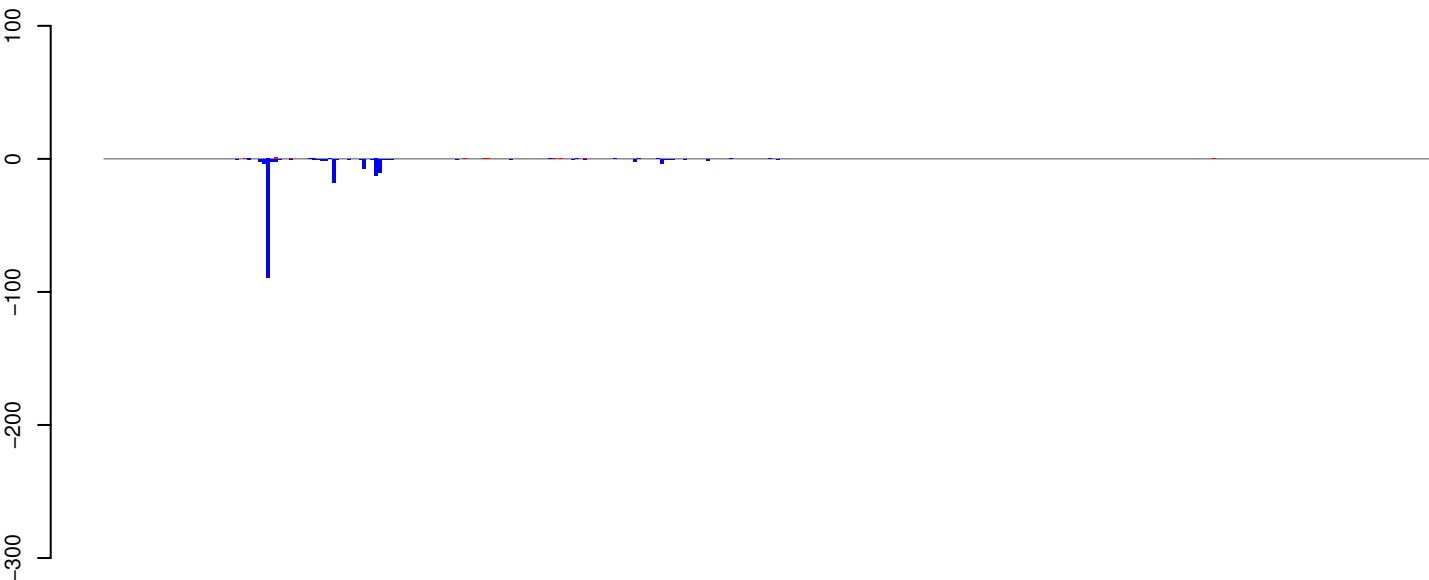
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

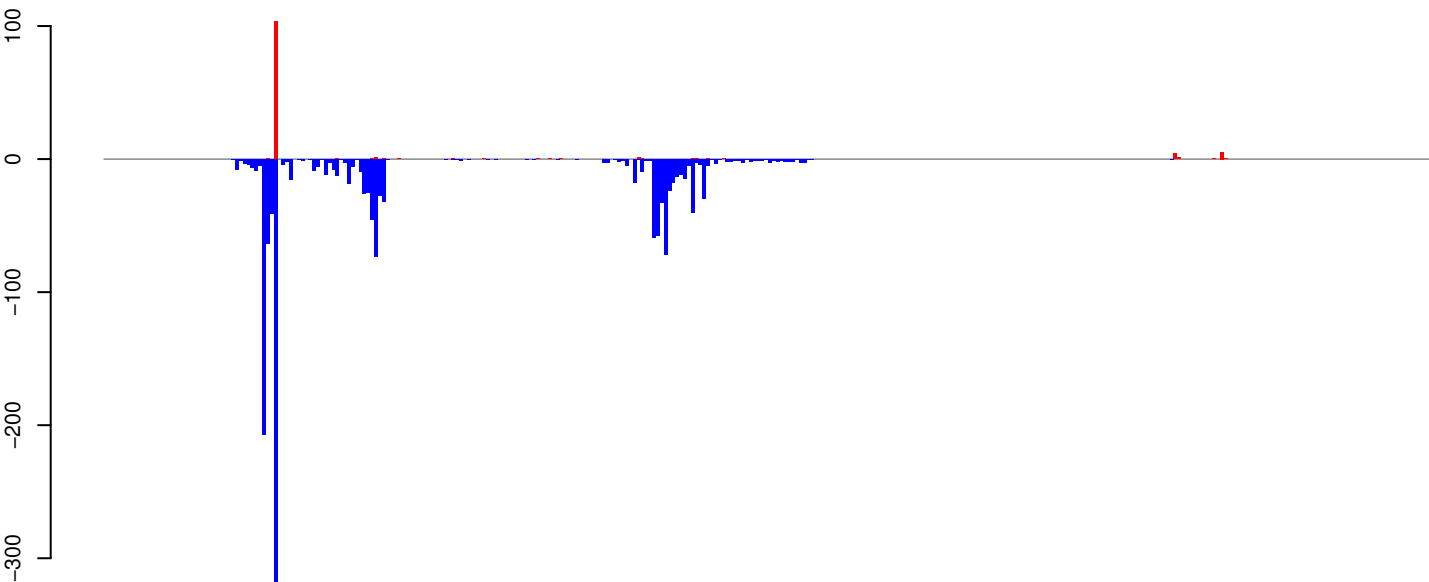


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



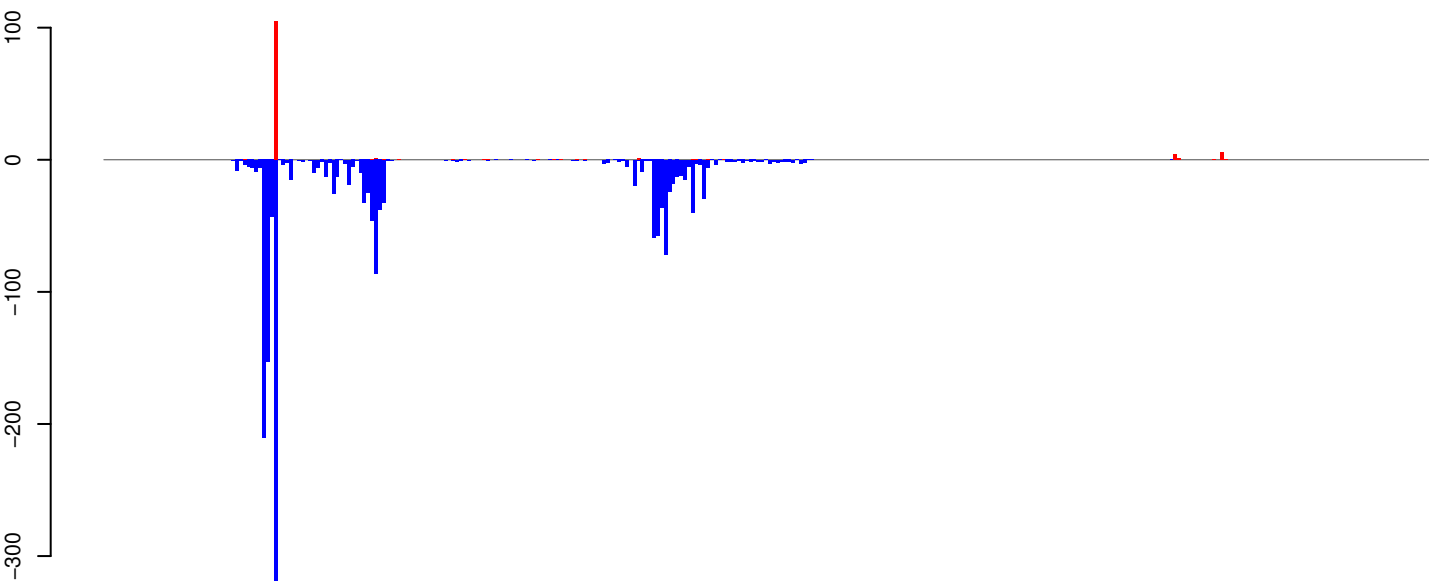
positive=3, negative=168, total=171

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=122, negative=1503, total=1625

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

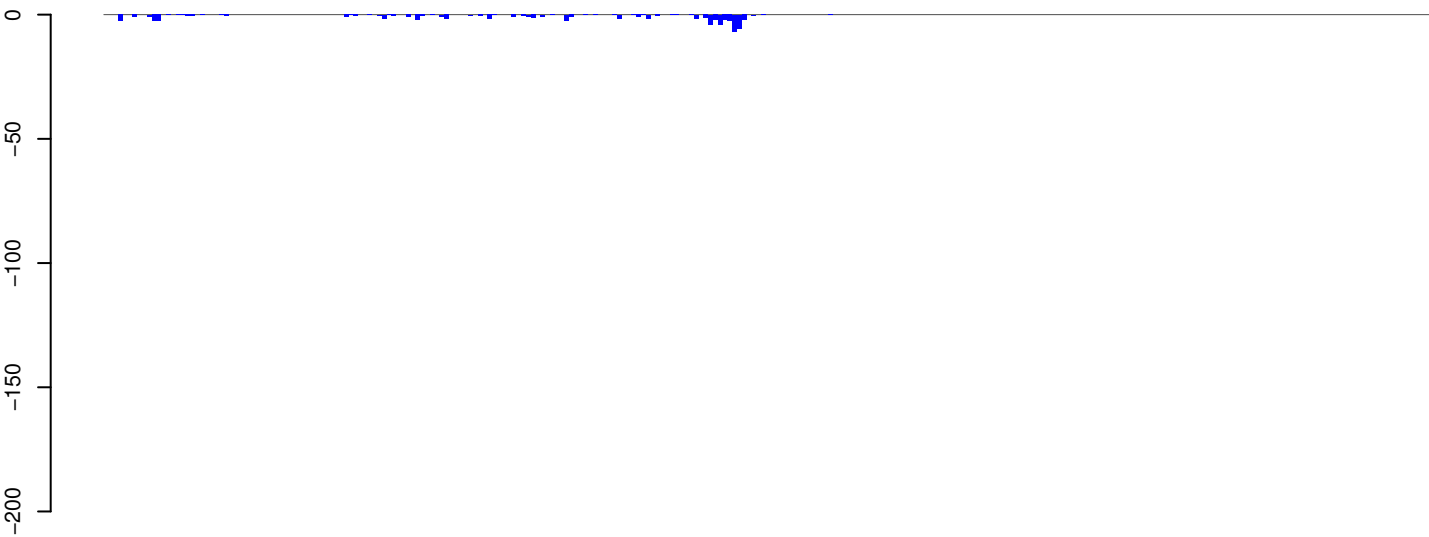


positive=125, negative=1671, total=1797

Window size=25, length=8600, TE@TF000748-Ty1\_copia\_Ele74:1-8600

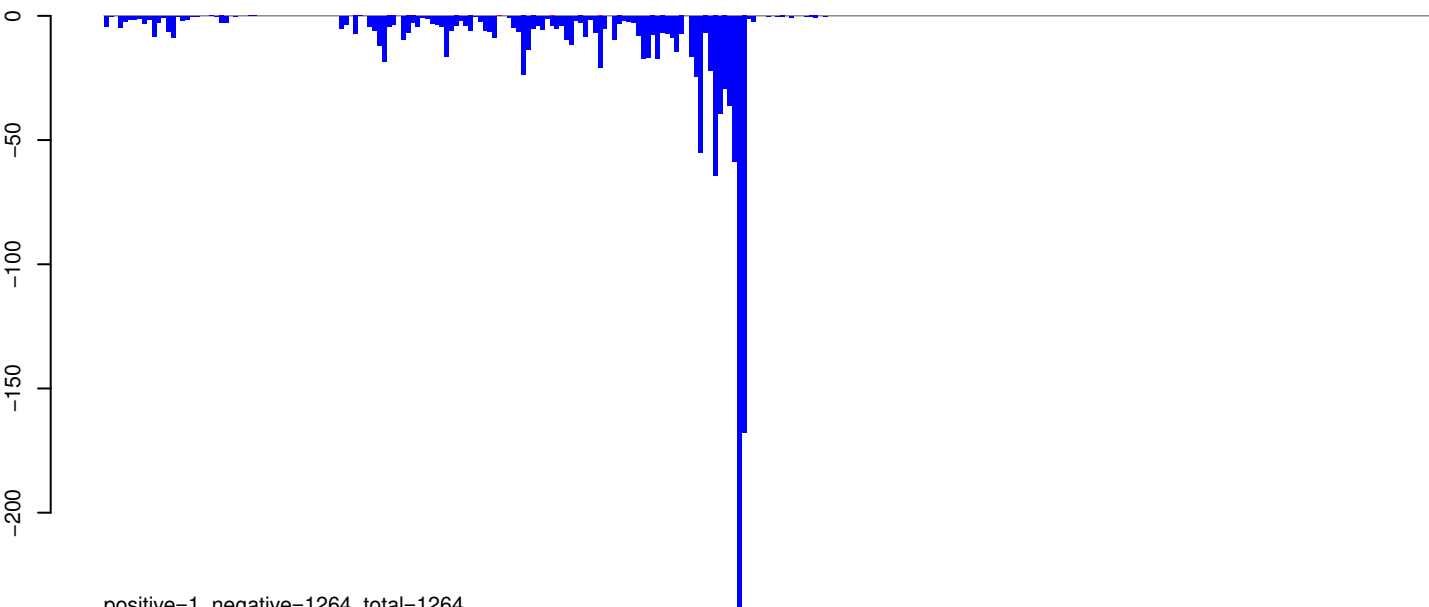
0 2000 4000 6000 8000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



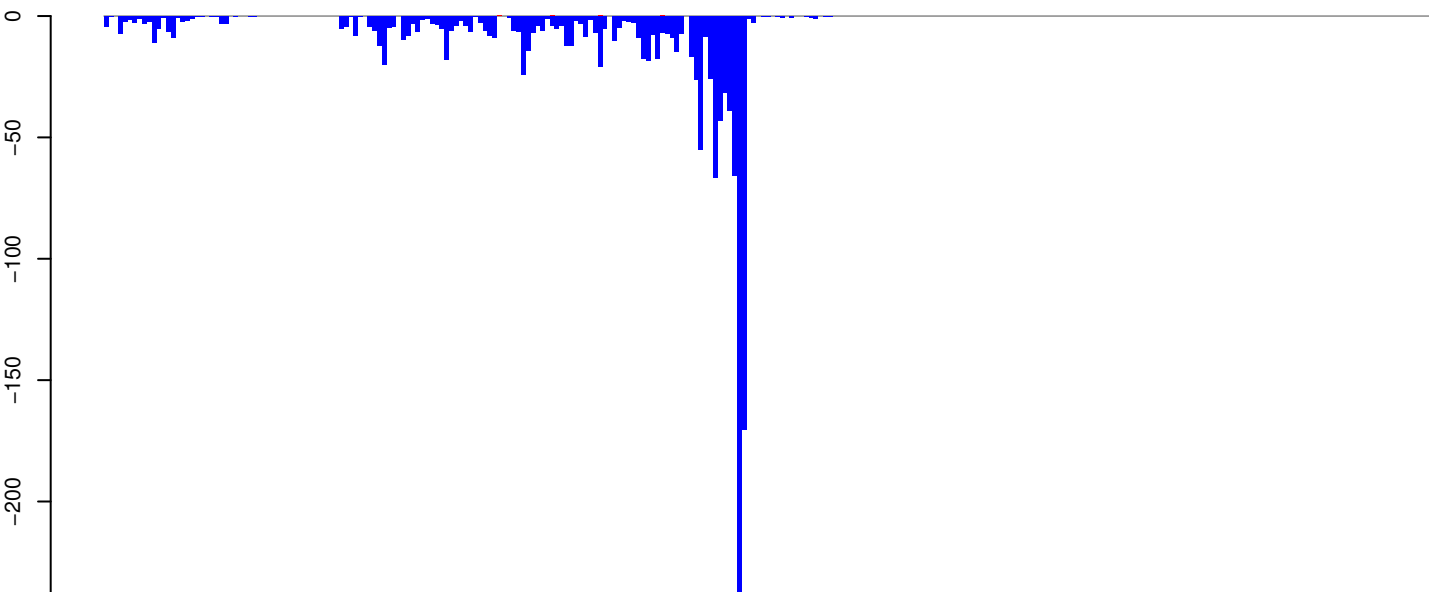
positive=0, negative=73, total=73

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=1264, total=1264

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

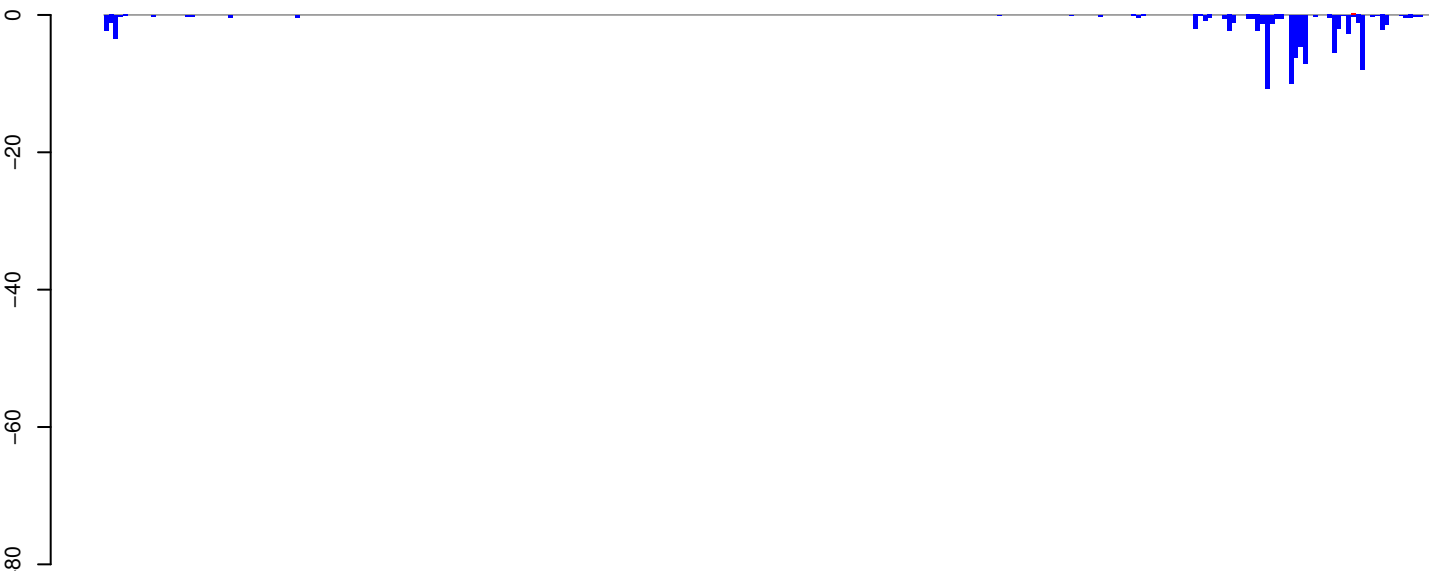


positive=1, negative=1337, total=1338

Window size=25, length=6905, TE@BEL-106\_AA-LTR-I:1-6905

0 1000 2000 3000 4000 5000 6000 7000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



positive=0, negative=88, total=88

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=4, negative=1103, total=1107

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



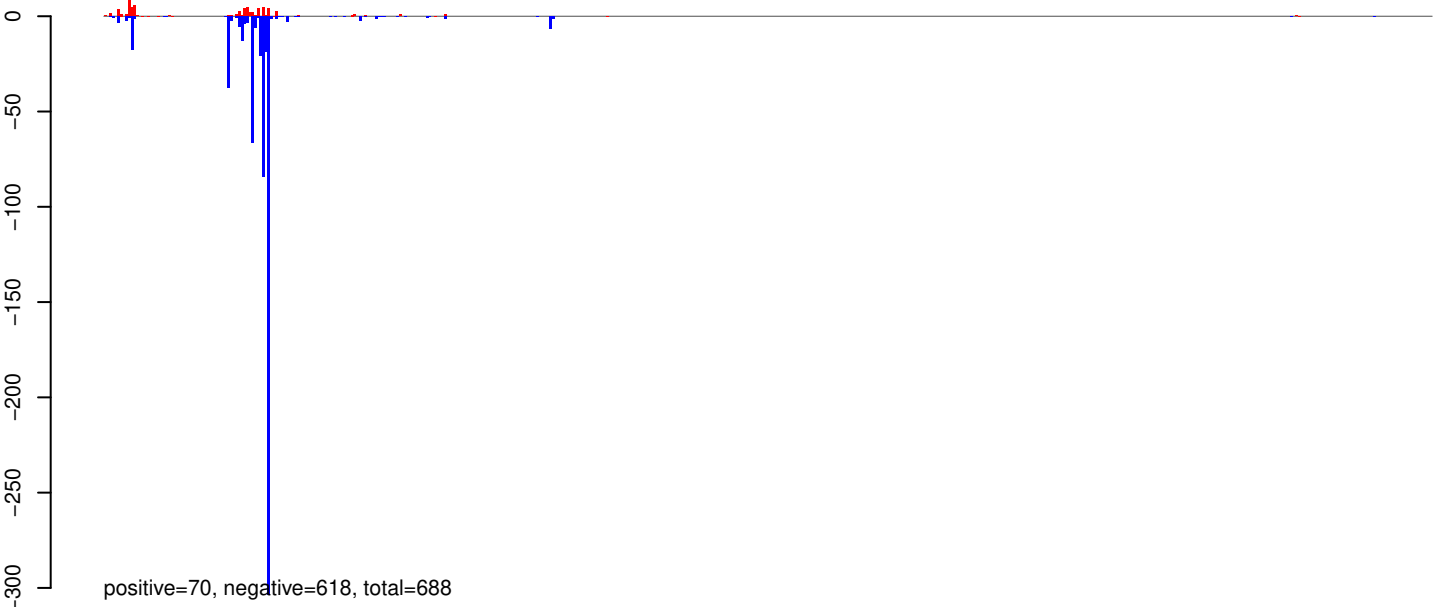
positive=4, negative=1191, total=1196

Window size=25, length=6931, TE@Gypsy-155\_AA-LTR-I:1-6931

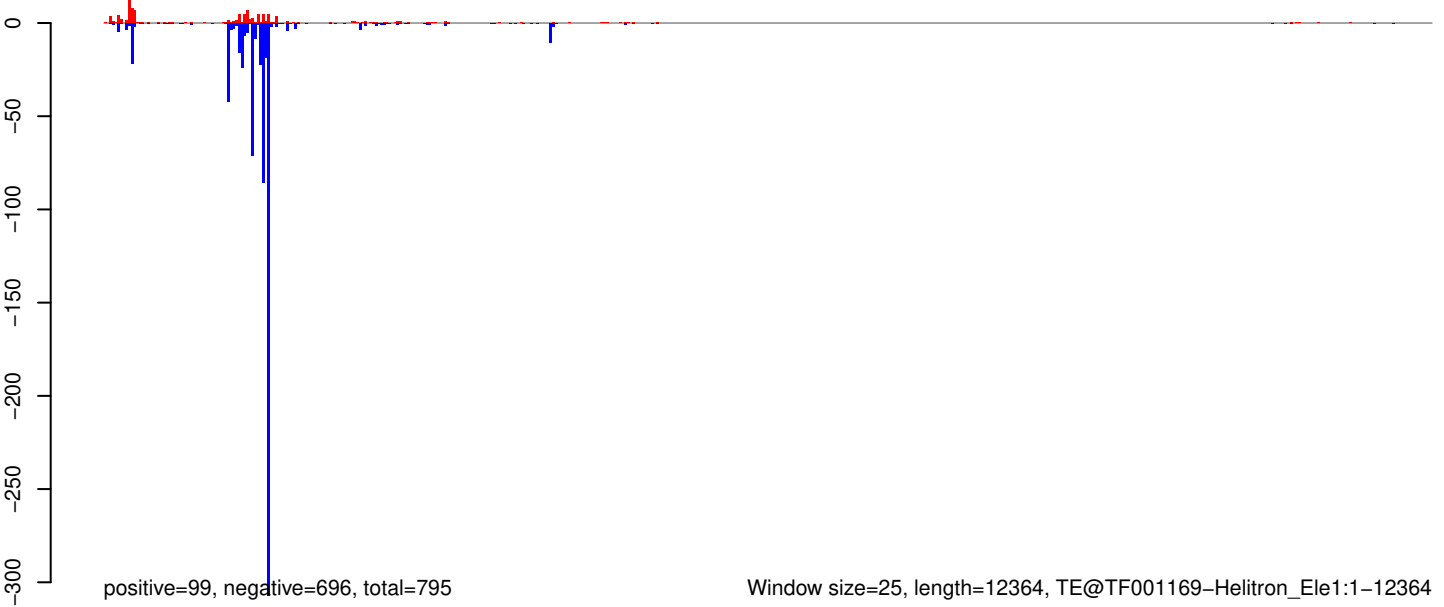
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=12364, TE@TF001169-Helitron\_Ele1:1-12364

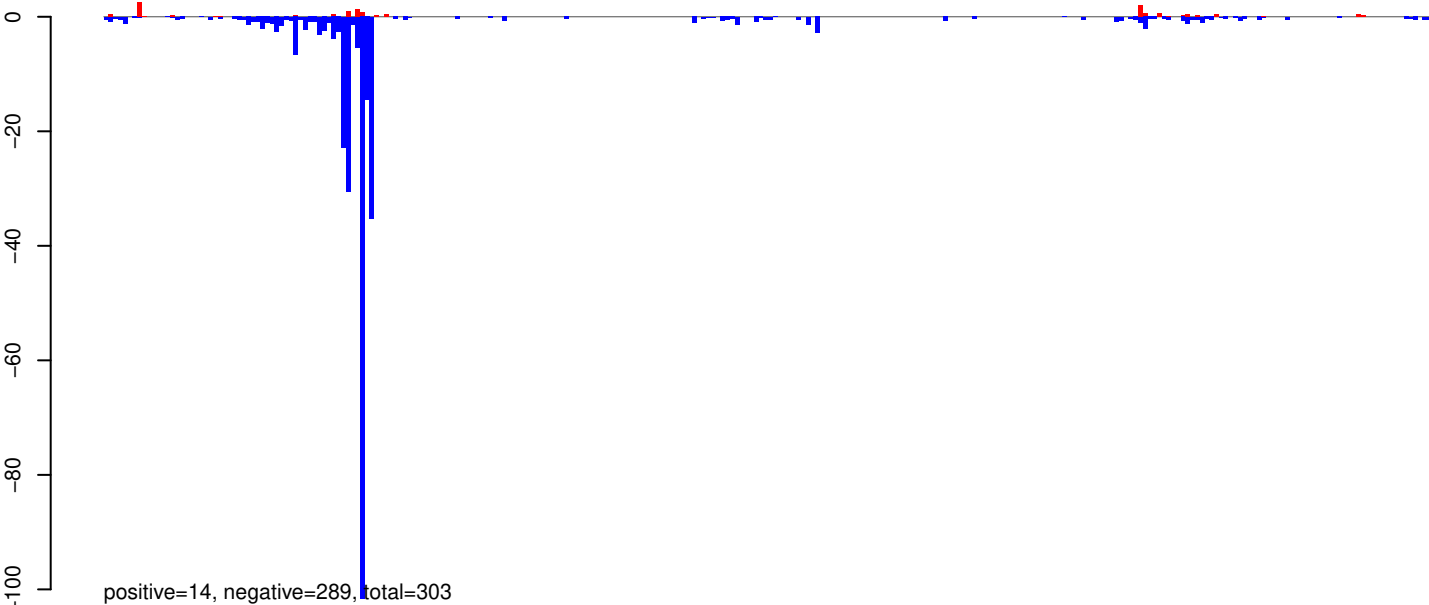
0 2000 4000 6000 8000 10000 12000



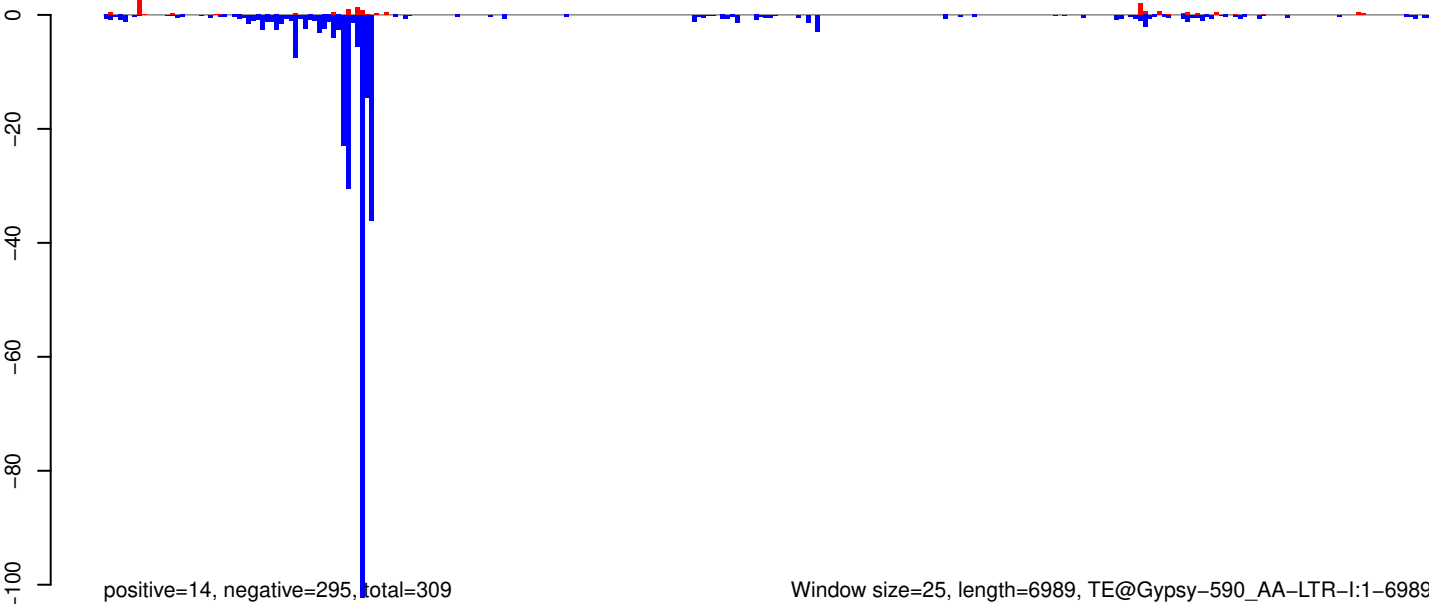
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



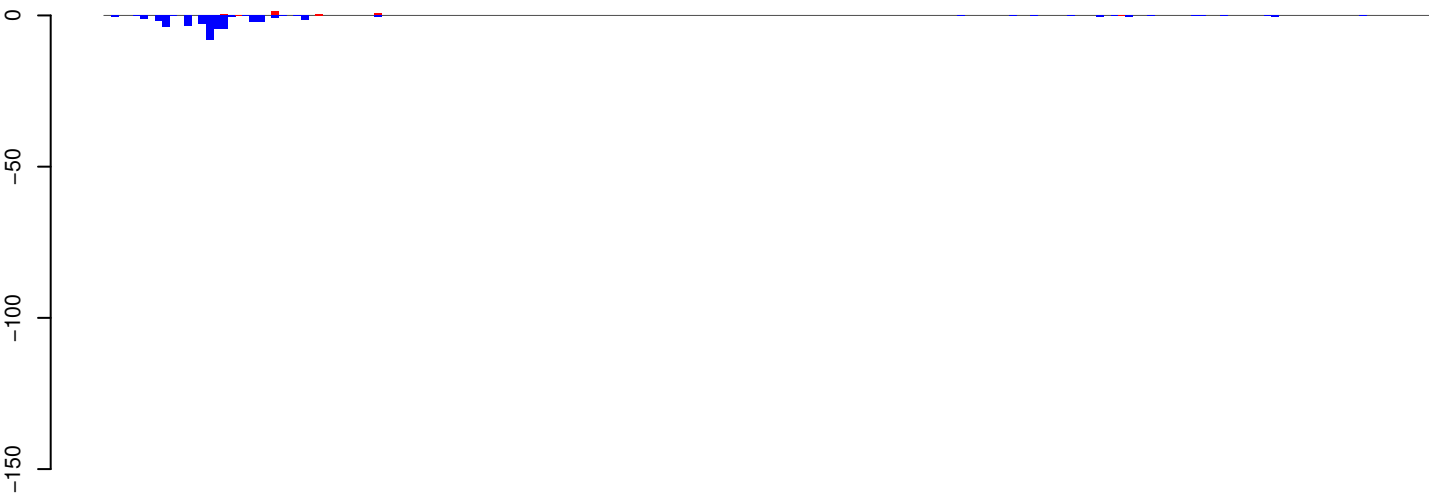
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



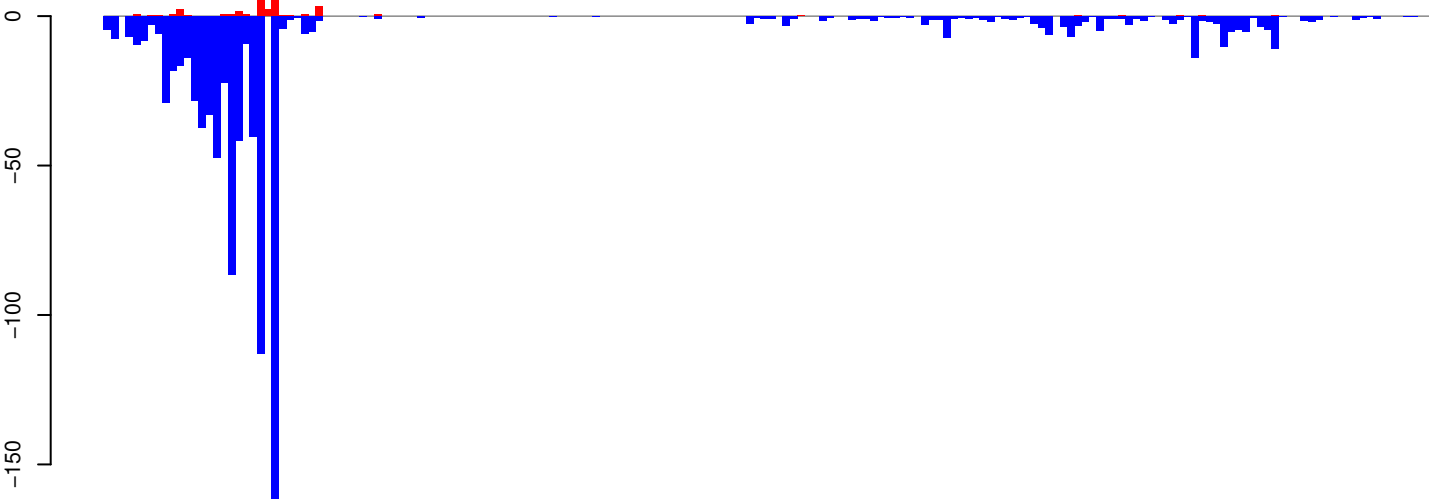
positive=4, negative=42, total=46

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=38, negative=898, total=937

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

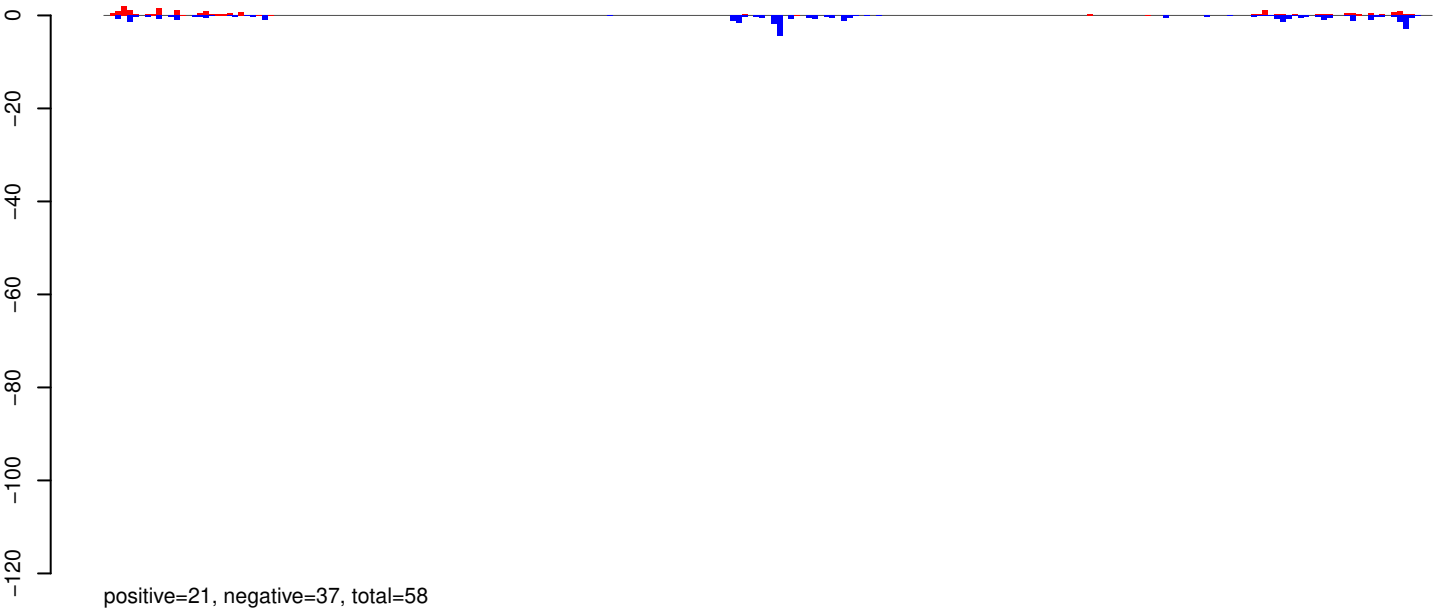


positive=42, negative=940, total=983

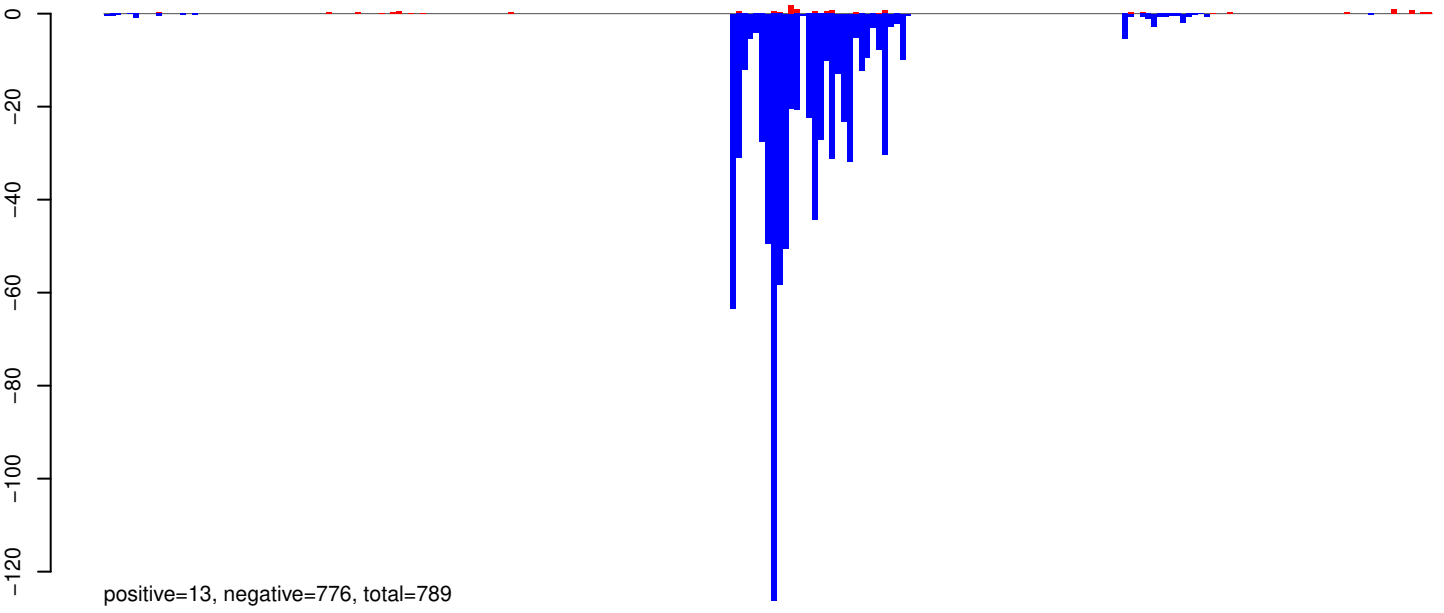
Window size=25, length=4542, TE@CR1-95\_A Ae:1-4542

0 1000 2000 3000 4000

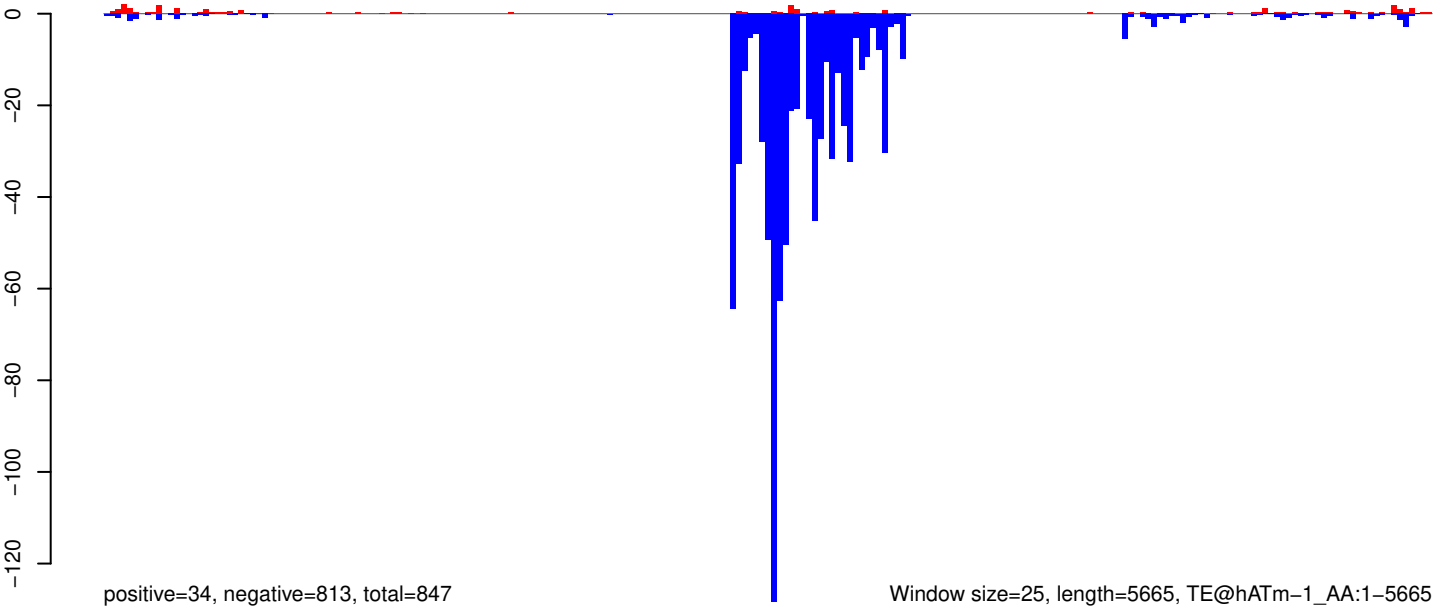
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

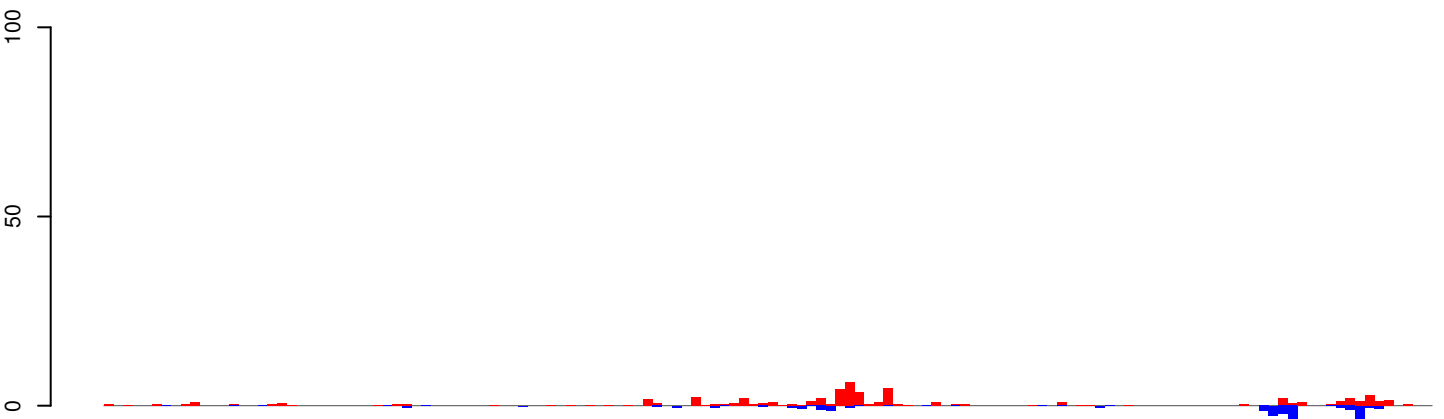


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



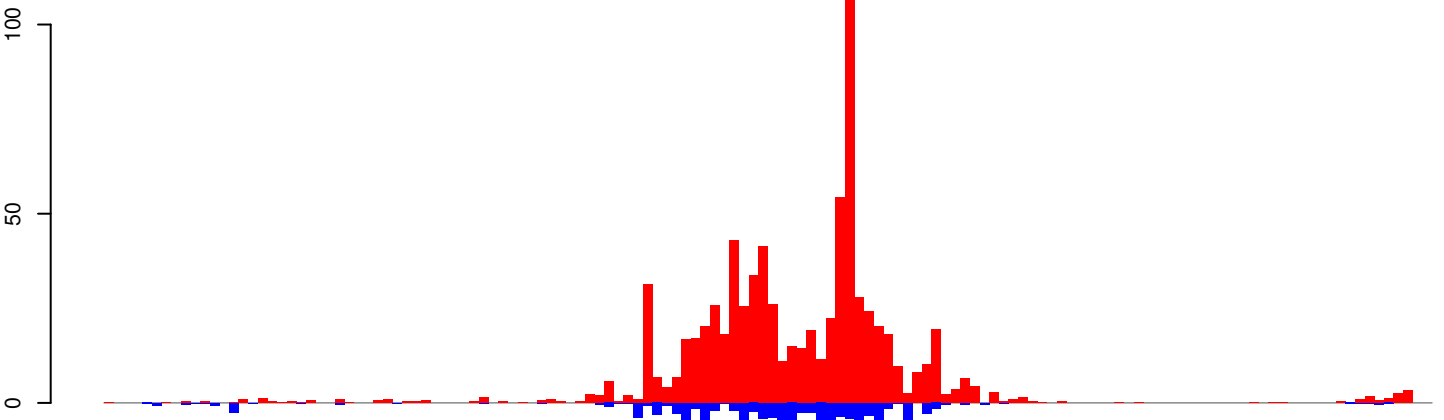
0 1000 2000 3000 4000 5000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



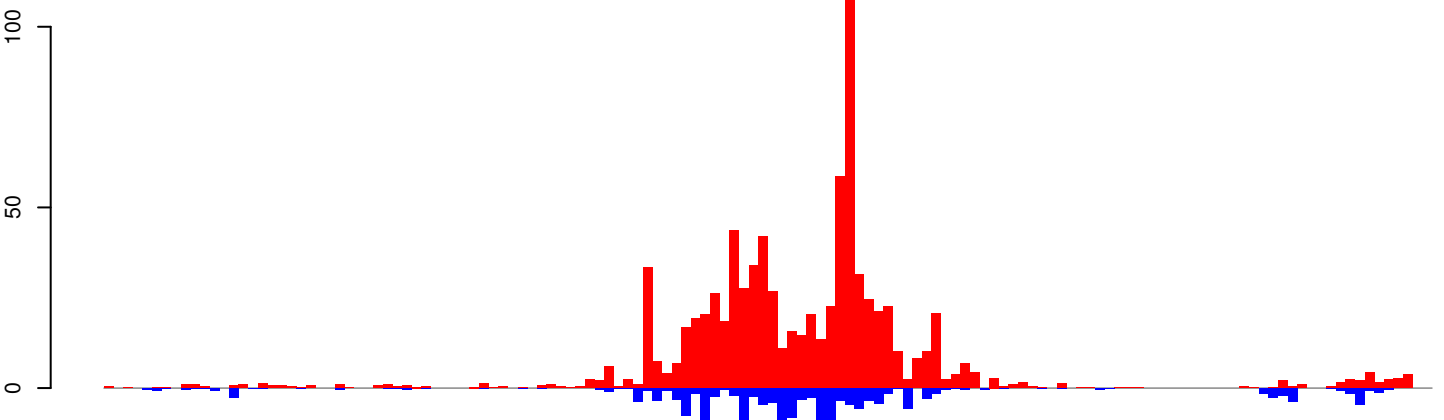
positive=58, negative=26, total=84

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=796, negative=171, total=967

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

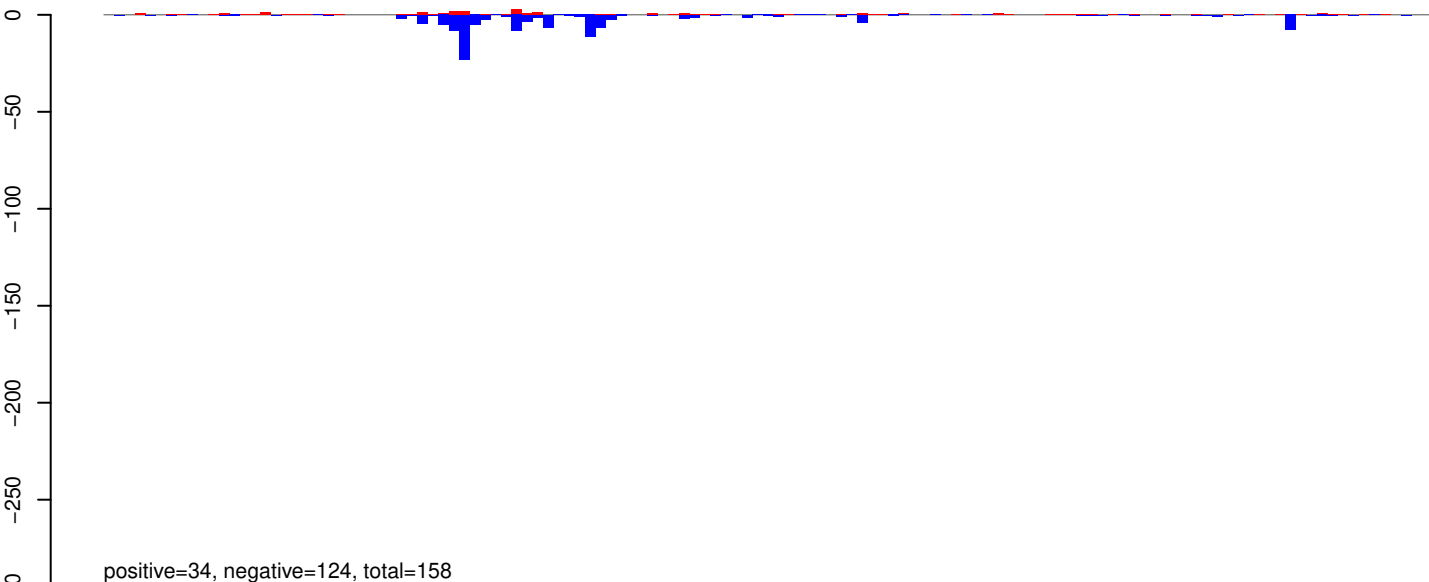


positive=854, negative=196, total=1051

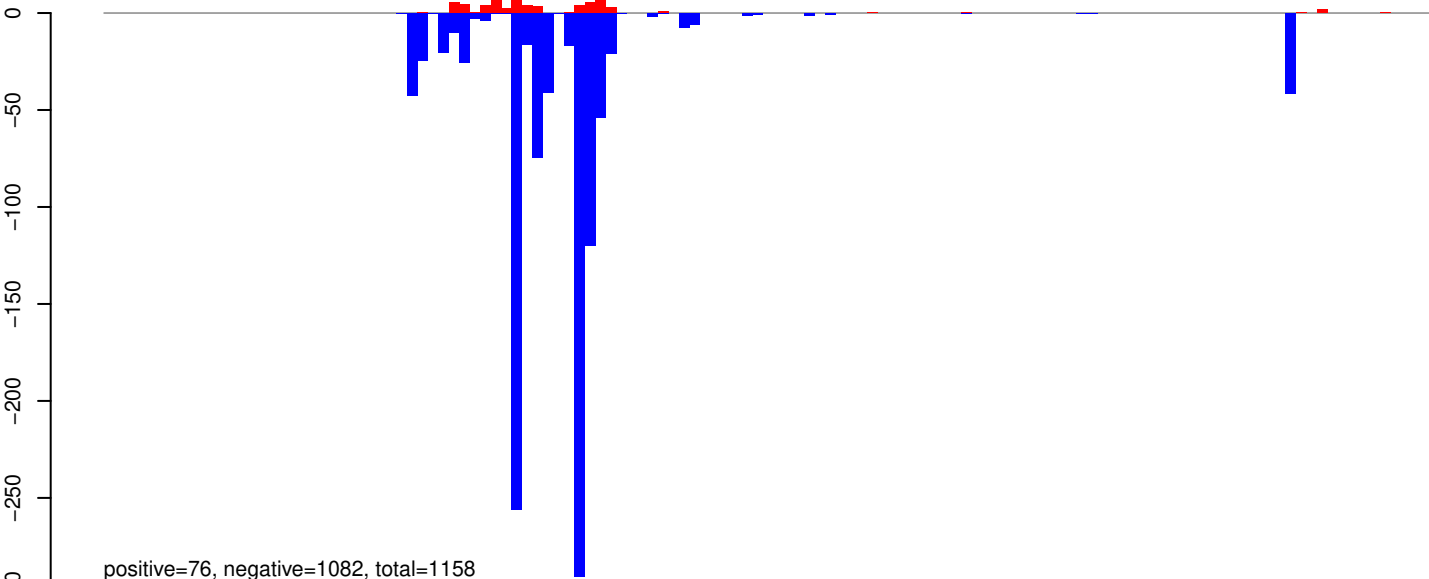
Window size=25, length=3437, TE@R=20-UNKNOWN:1-3437

0 500 1000 1500 2000 2500 3000 3500

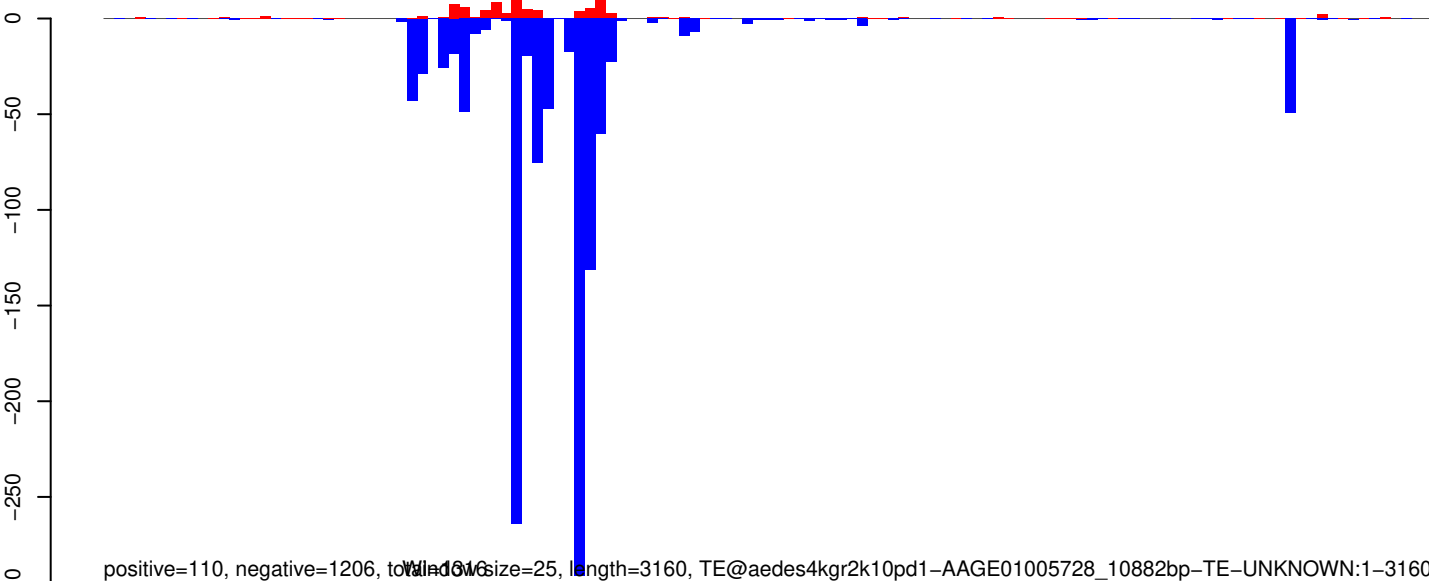
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



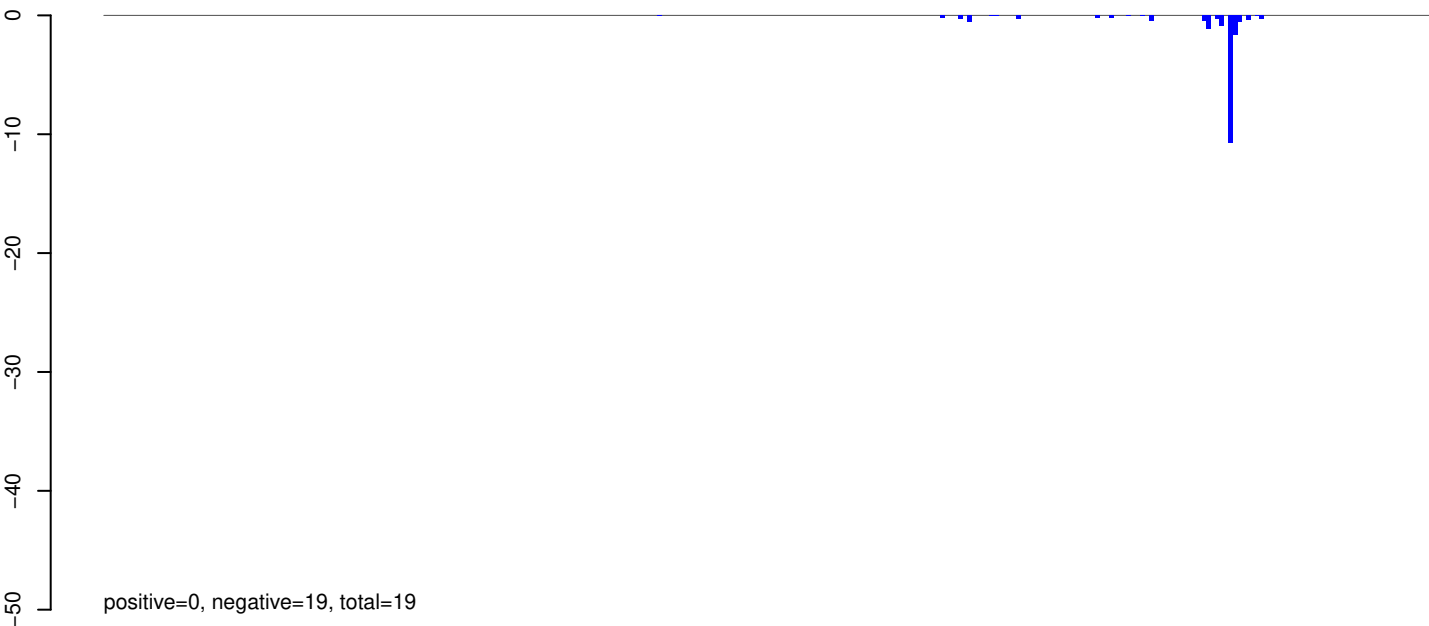
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

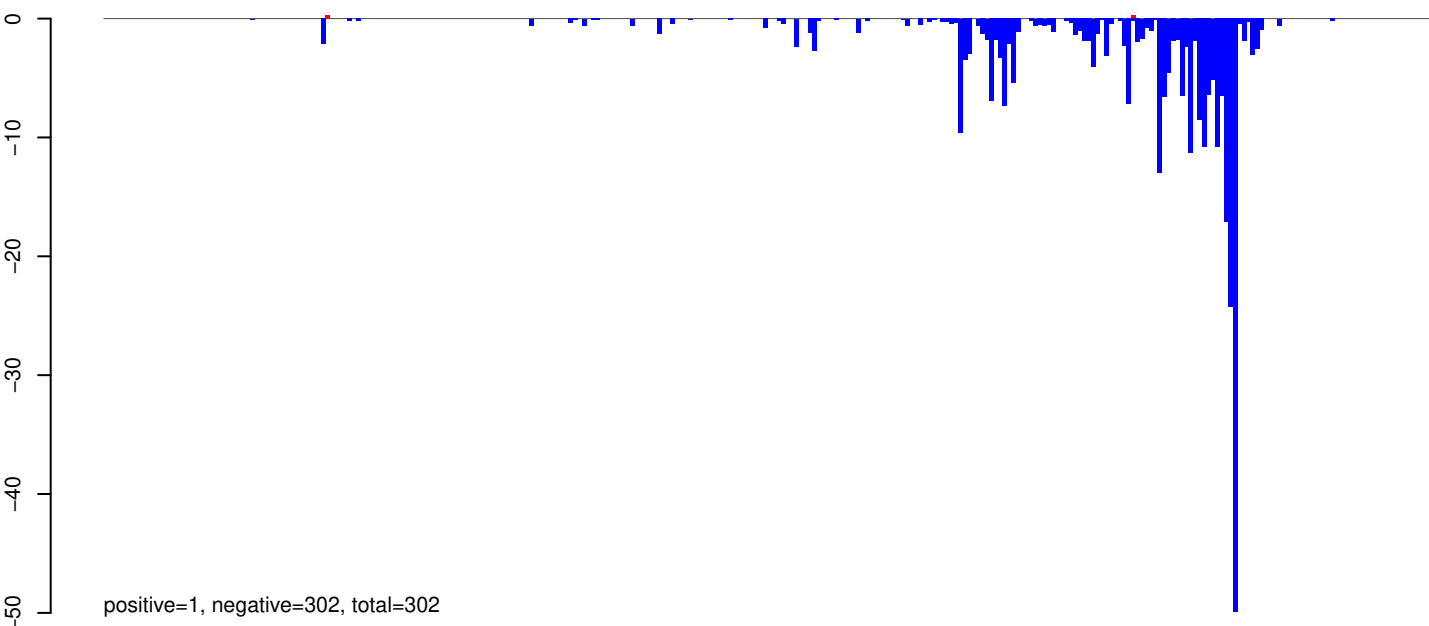


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



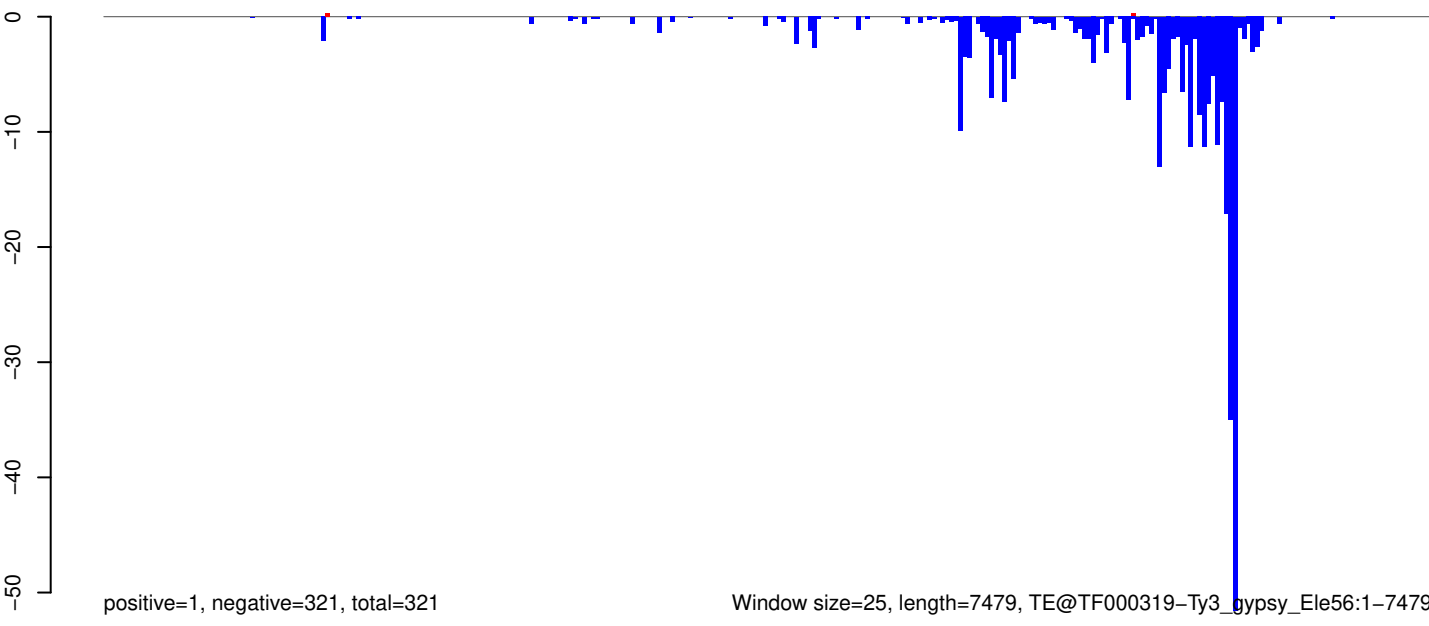
positive=0, negative=19, total=19

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=302, total=302

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

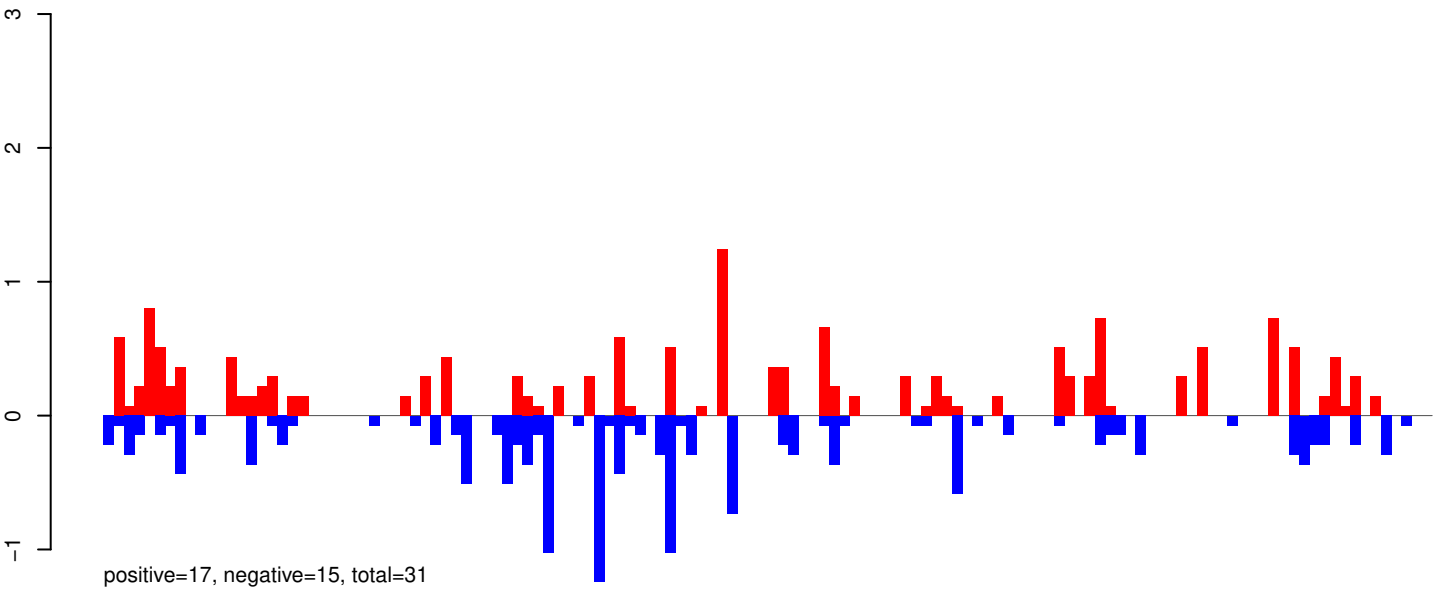


positive=1, negative=321, total=321

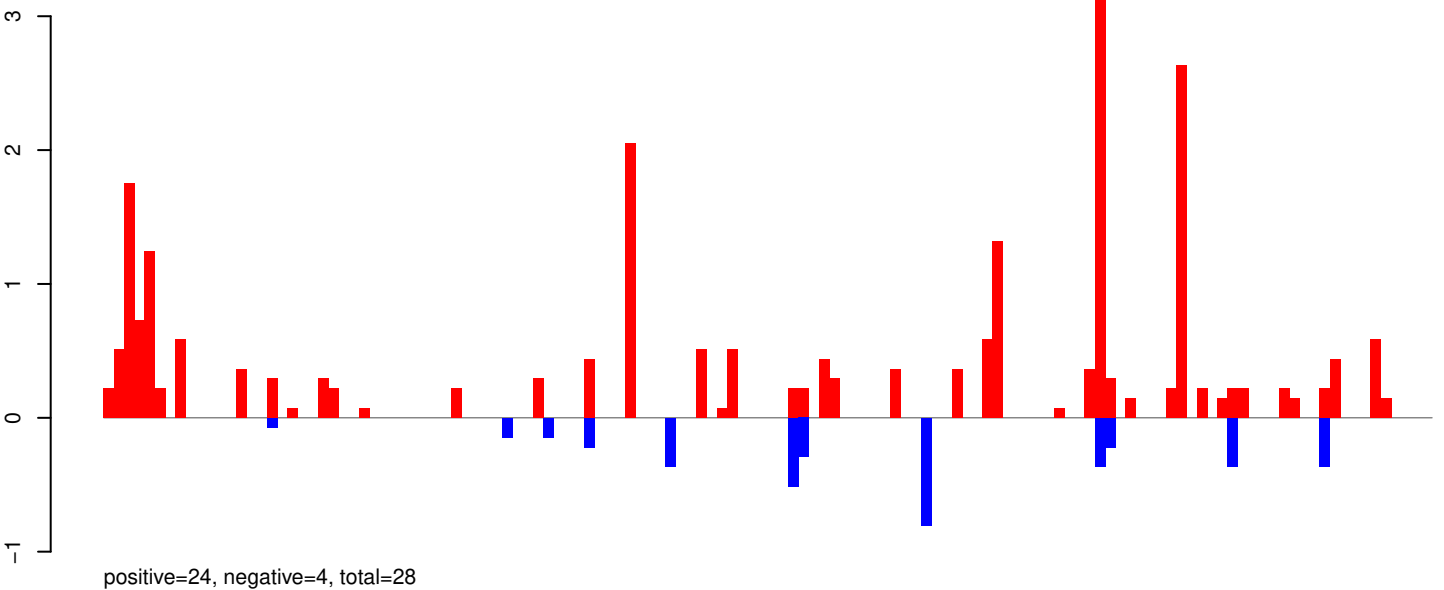
Window size=25, length=7479, TE@TF000319-Ty3\_gypsy\_Ele56:1-7479

0 2000 4000 6000

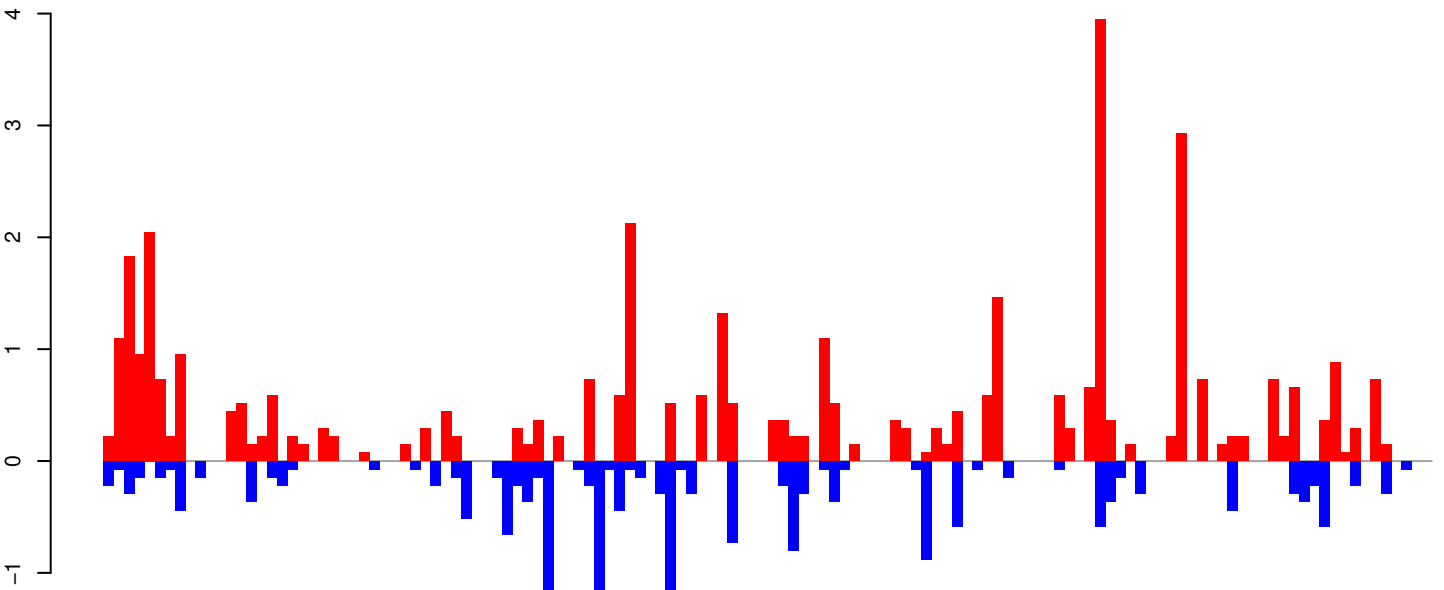
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

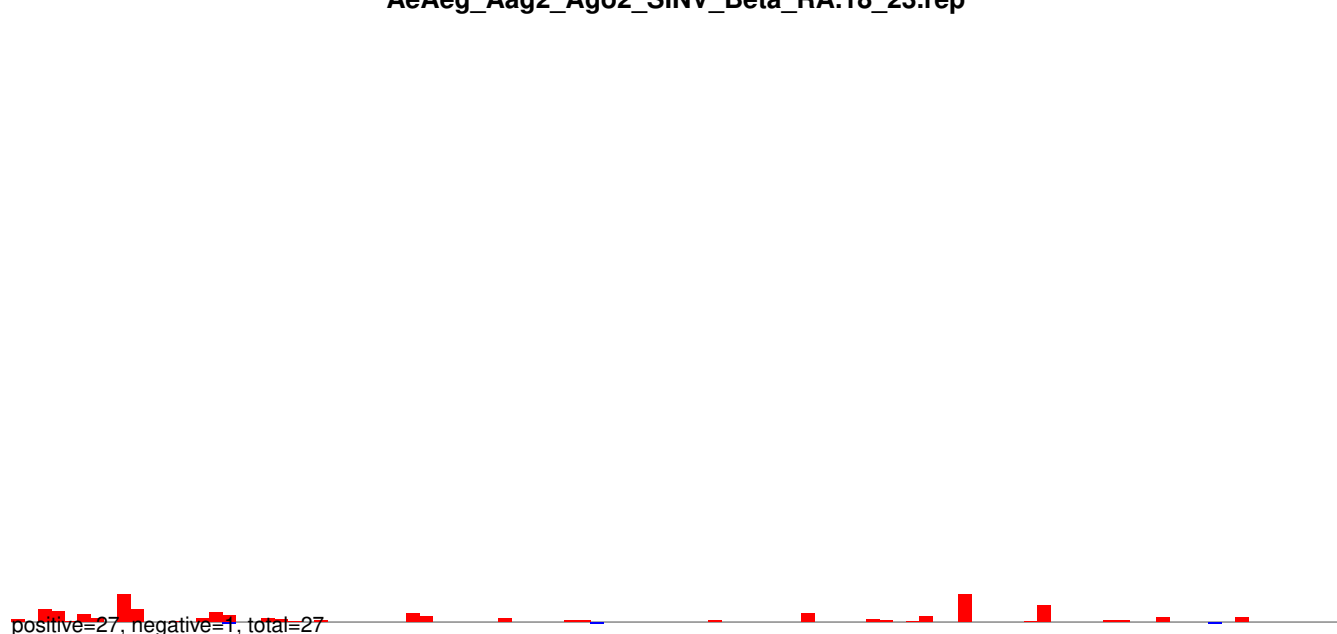


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

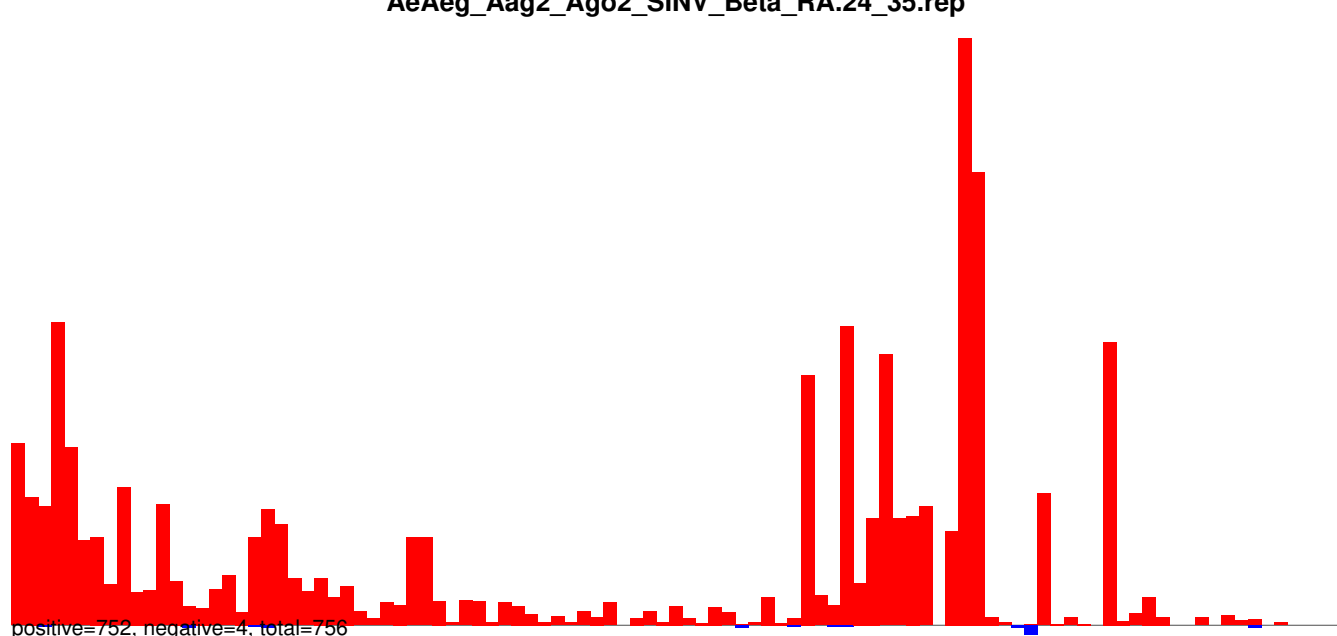


Window size=25, length=3237, TE@aedes4kgr2k10pd1-AAGE01000501\_19509bp-TE-UNKNOWN:1-3237

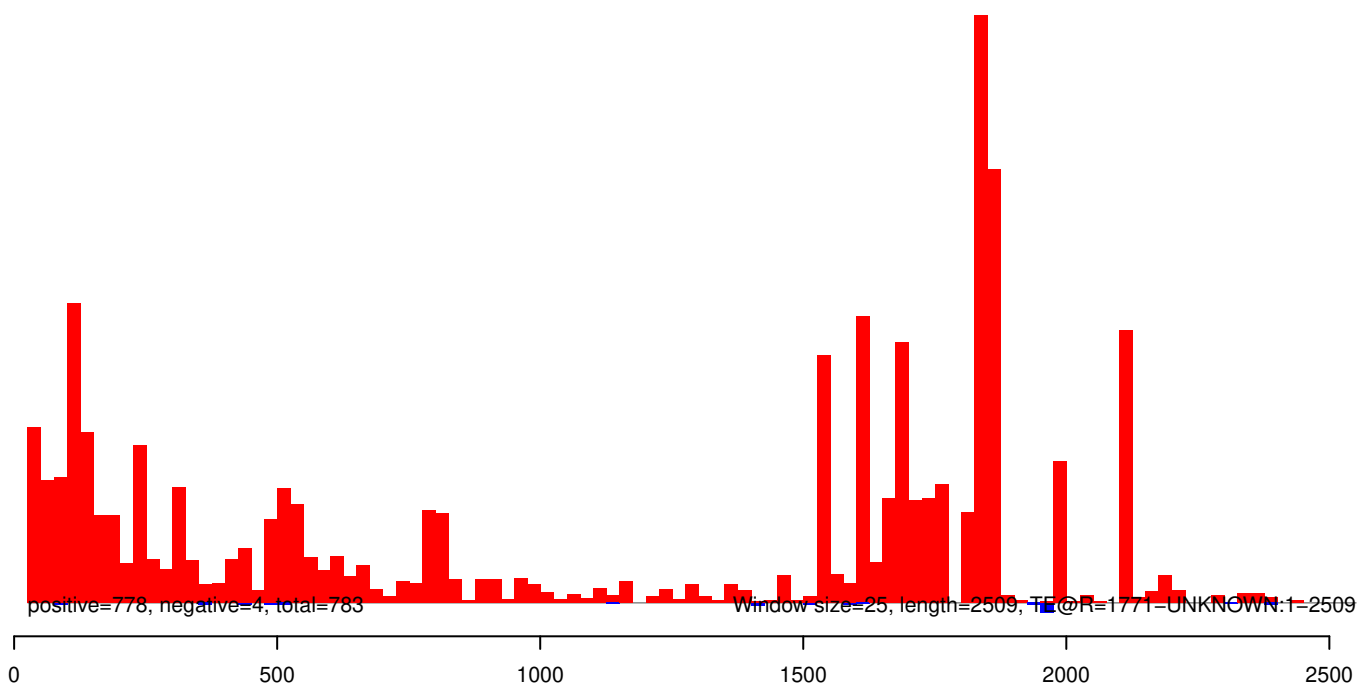
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

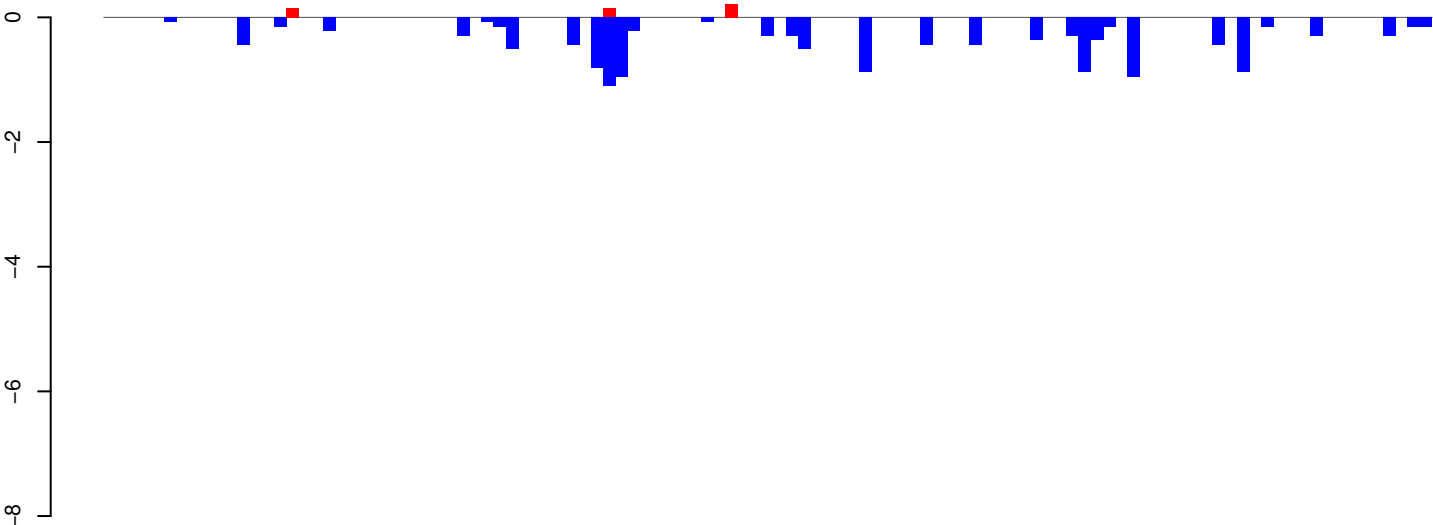


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



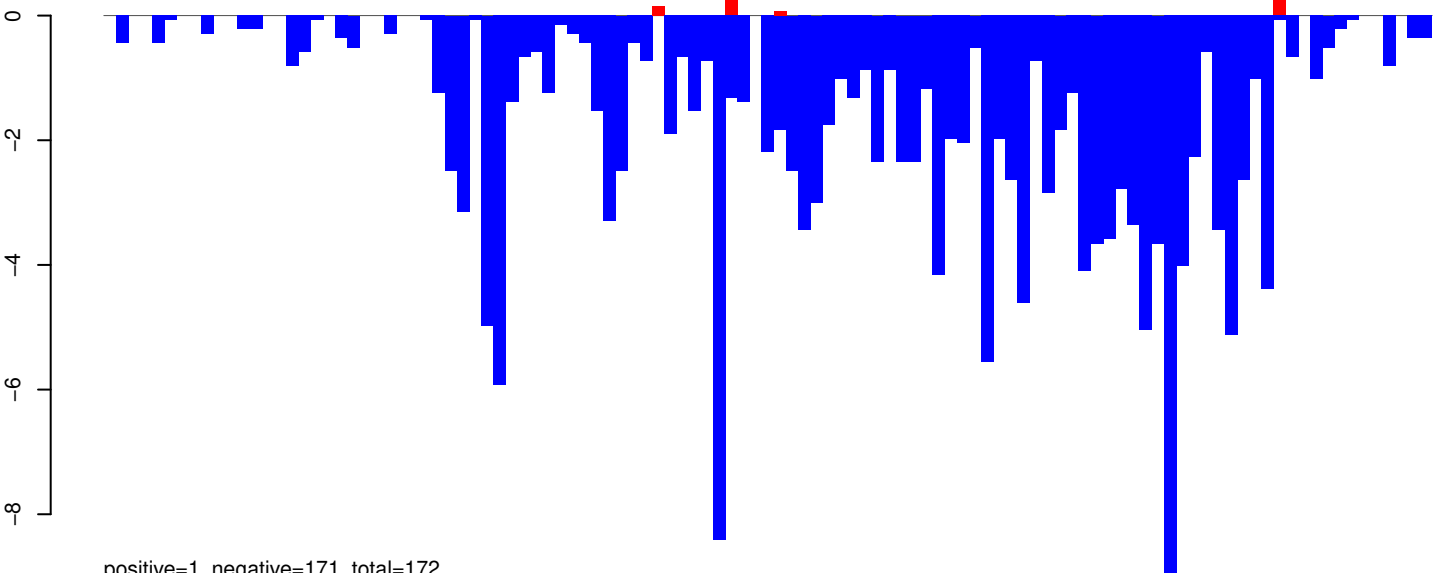


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



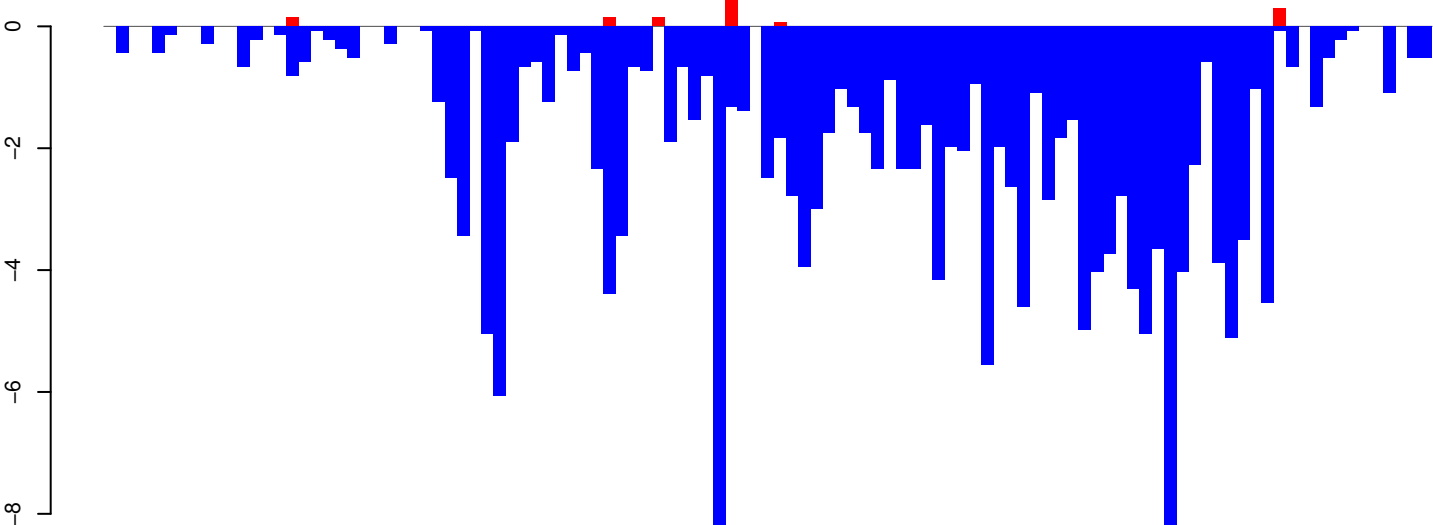
positive=1, negative=14, total=14

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=171, total=172

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

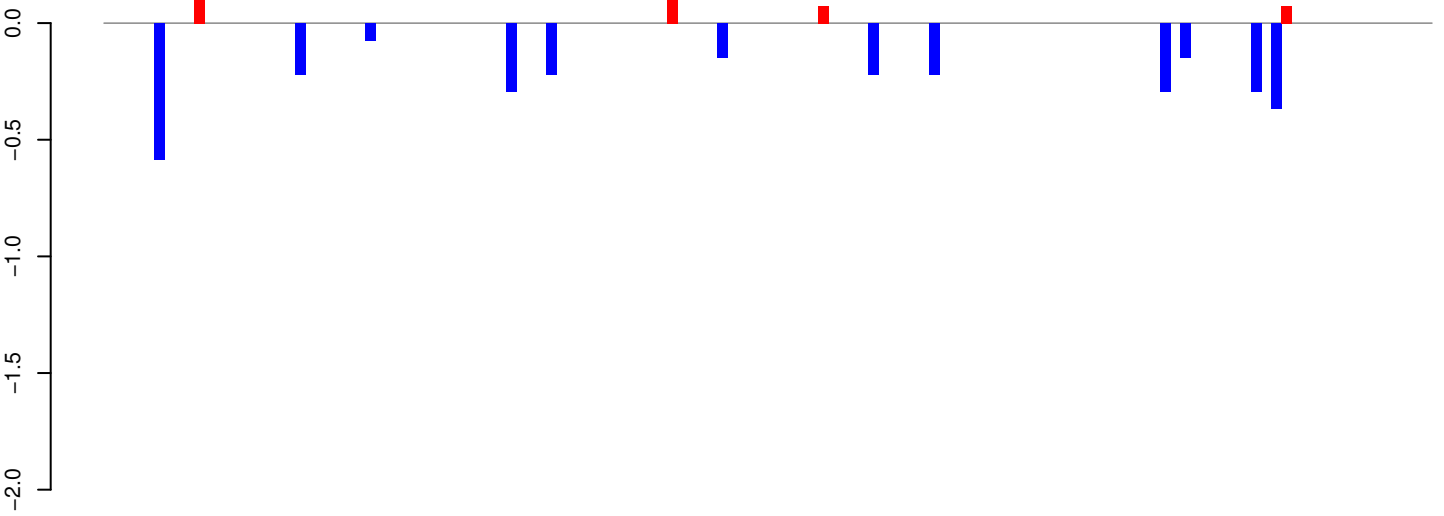


positive=2, negative=185, total=187

Window size=25, length=2706, TE@P=1387-UNKNOWN:1-2706

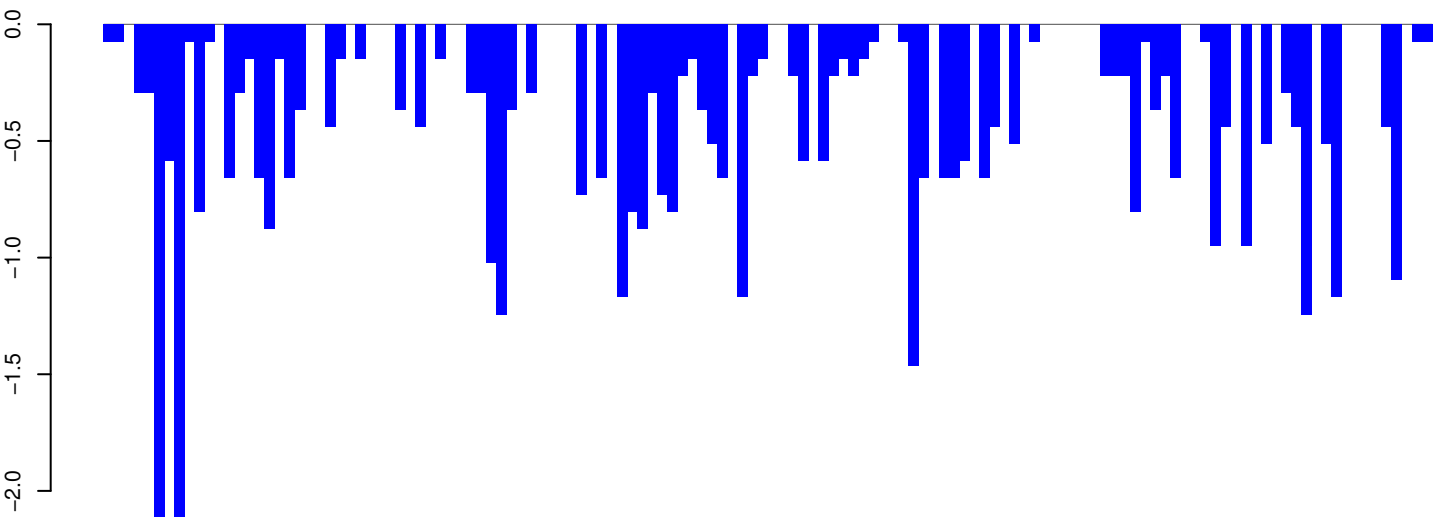
0 500 1000 1500 2000 2500

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



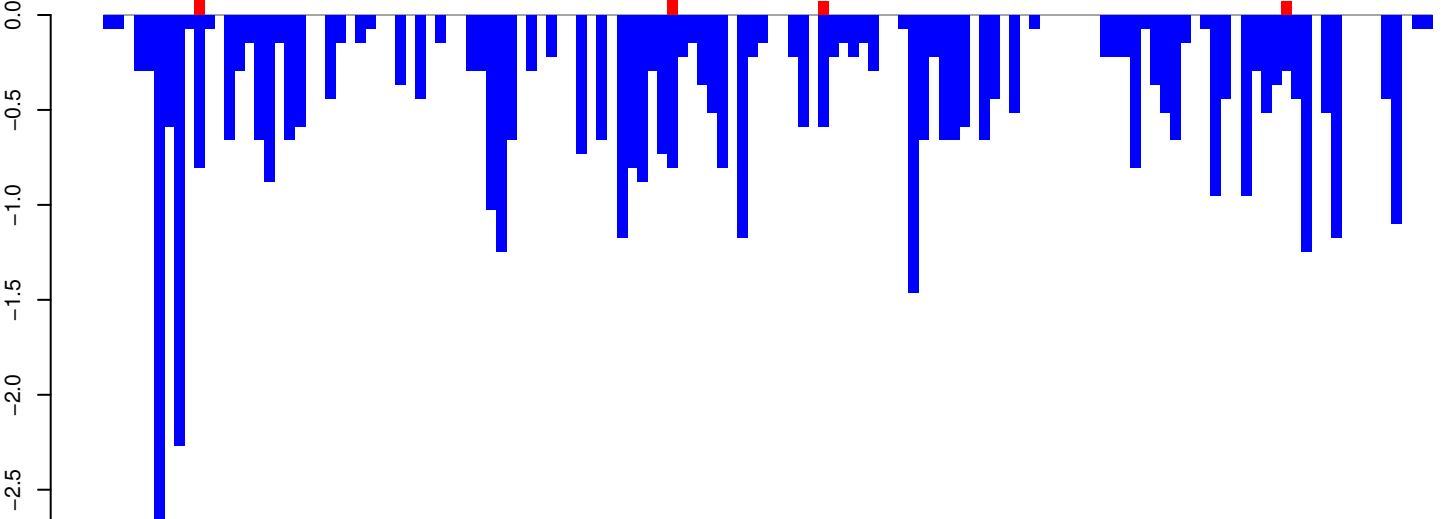
positive=1, negative=3, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=44, total=44

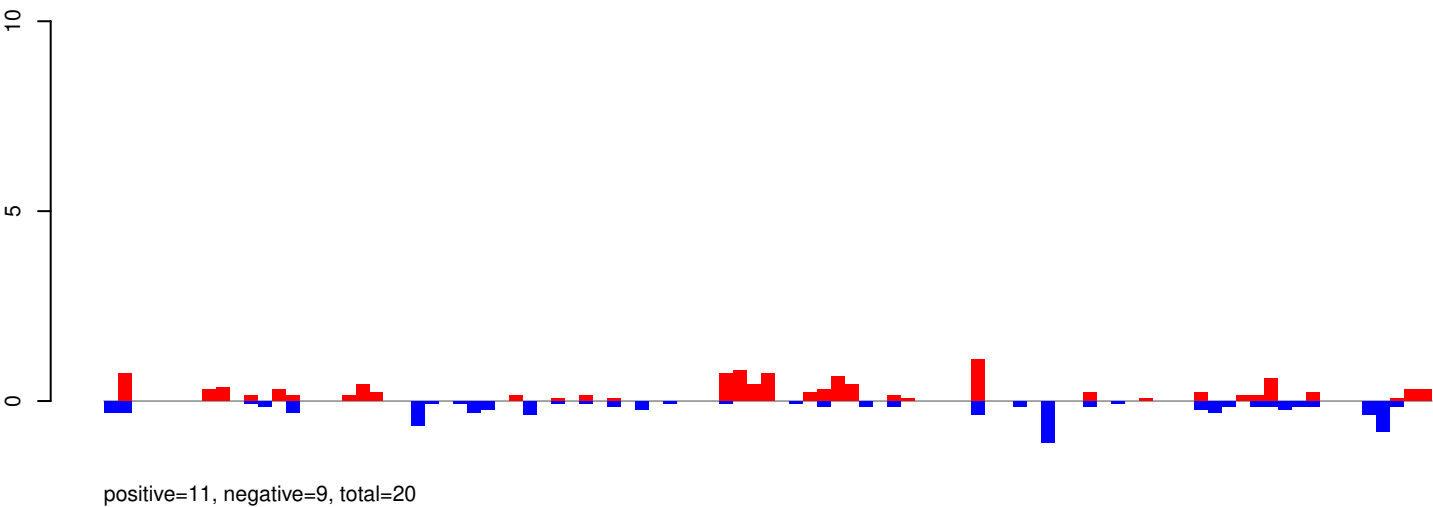
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



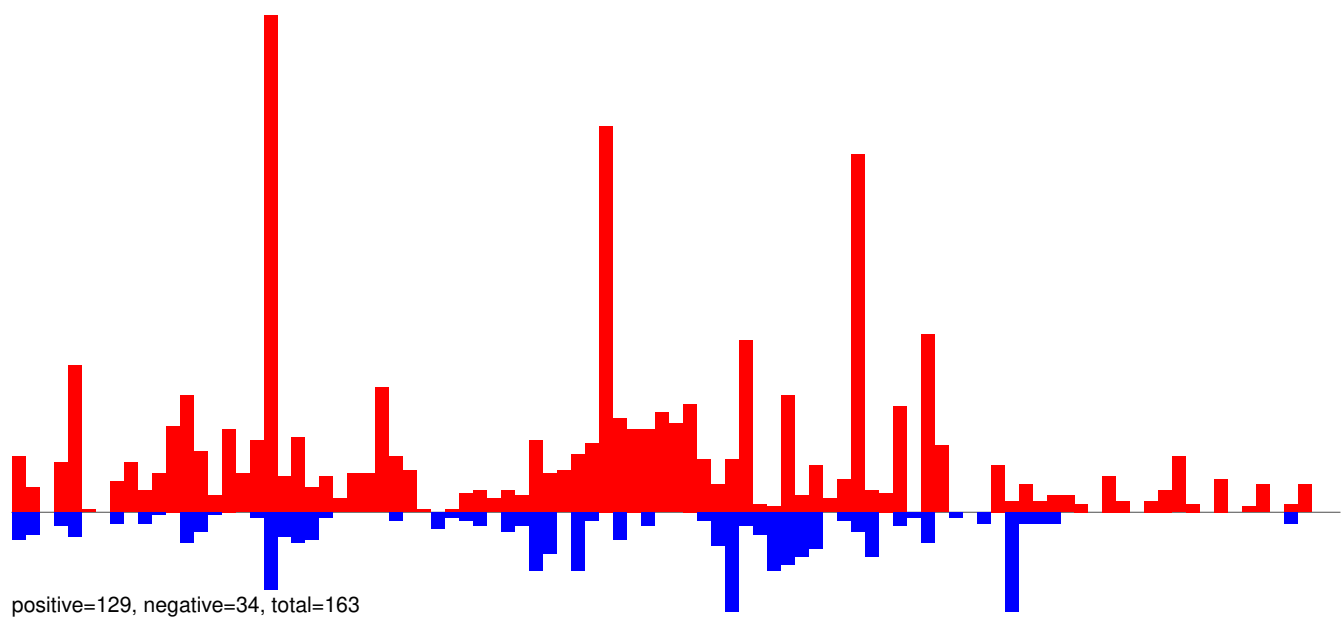
positive=1, negative=47, total=48

Window size=25, length=3288, TE@R=1147-UNKNOWN:1-3288

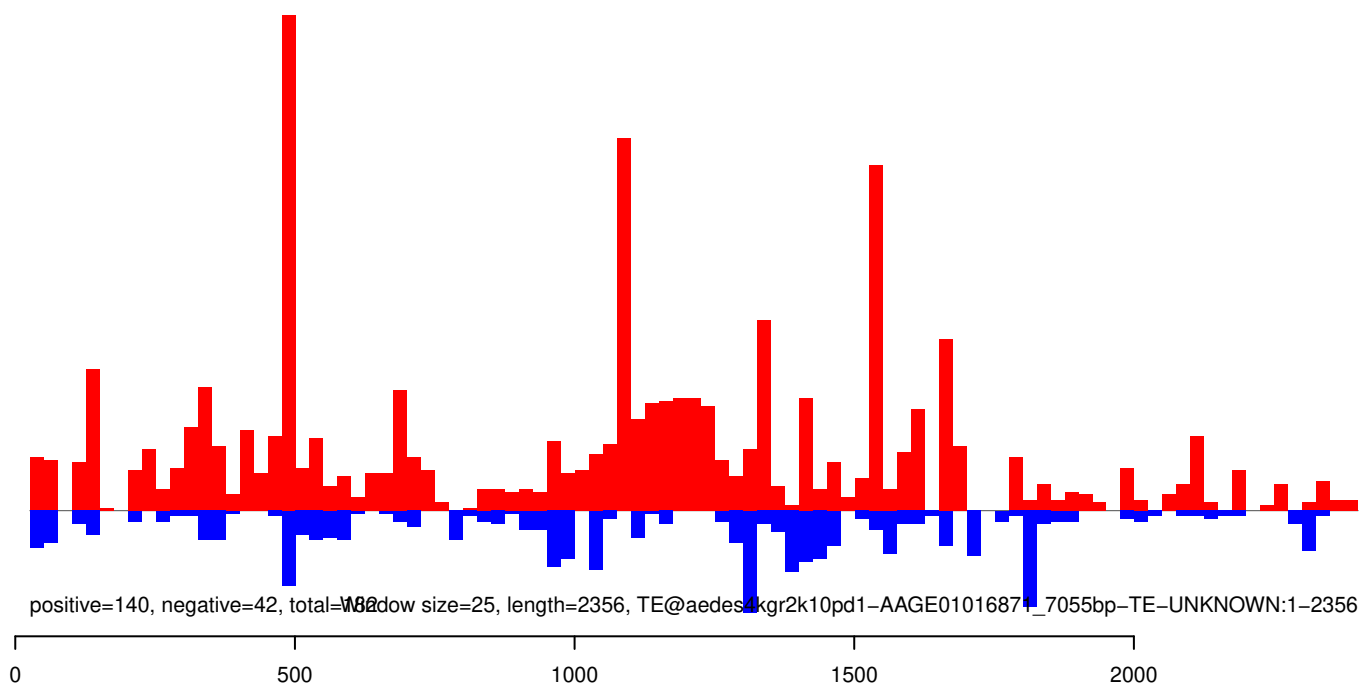
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



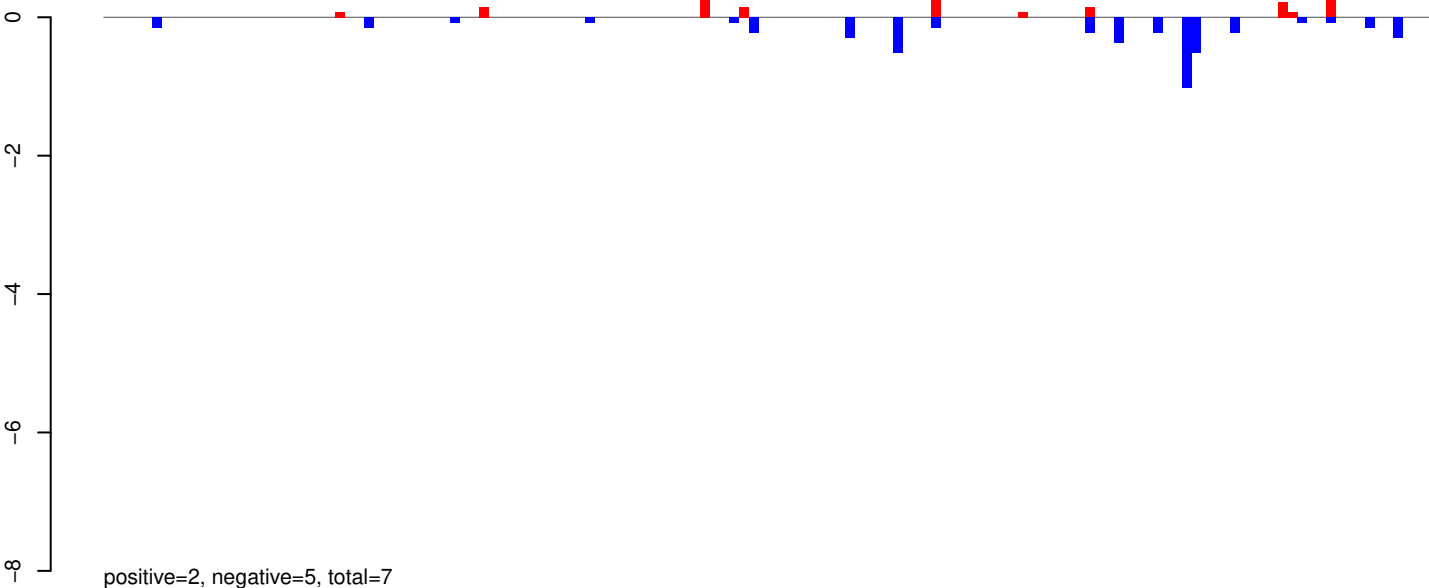
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



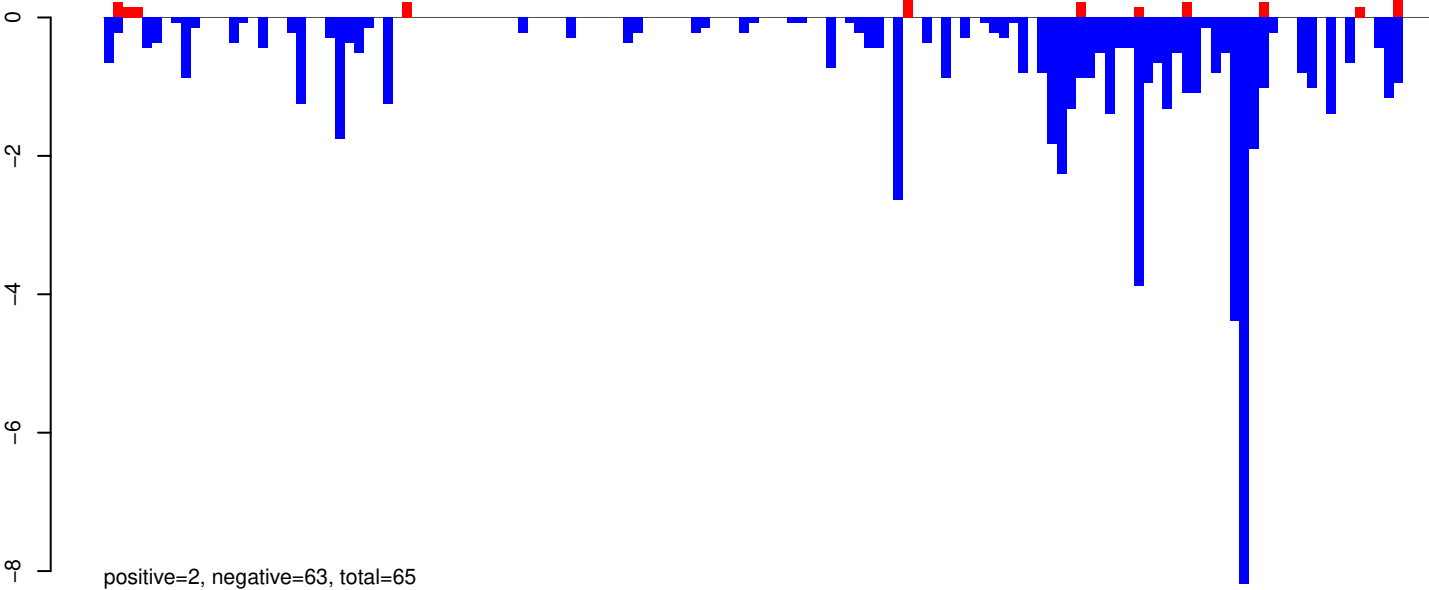
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



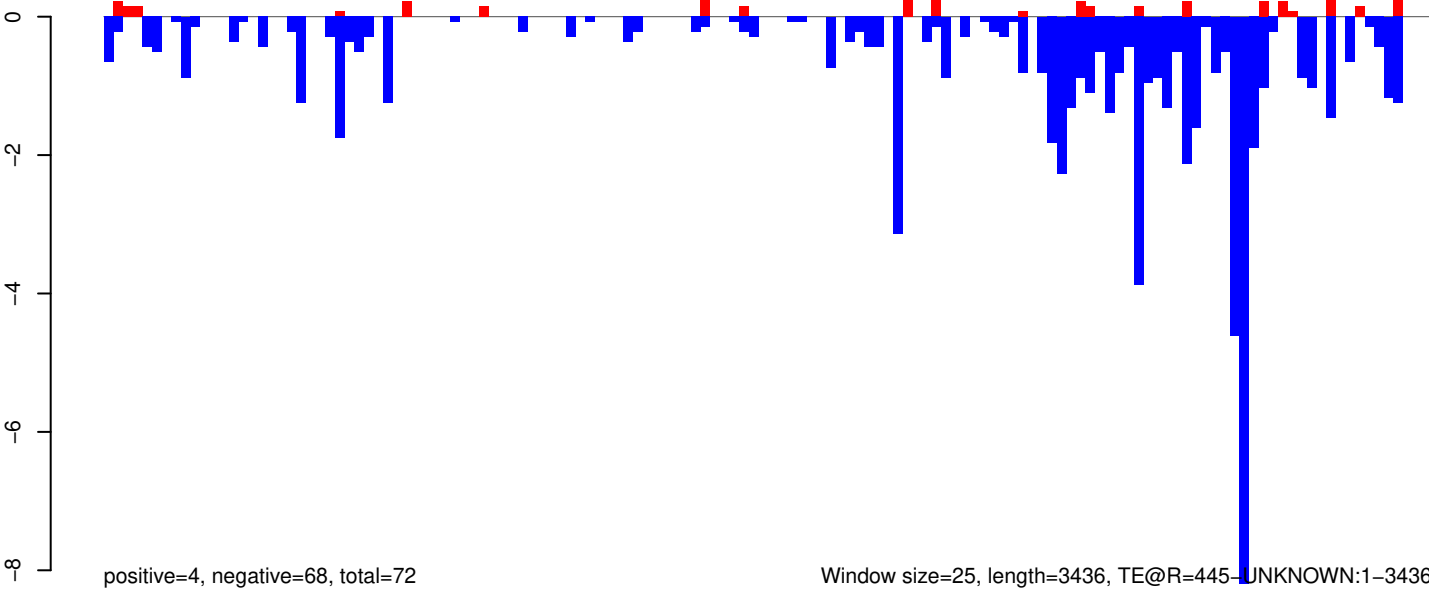
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

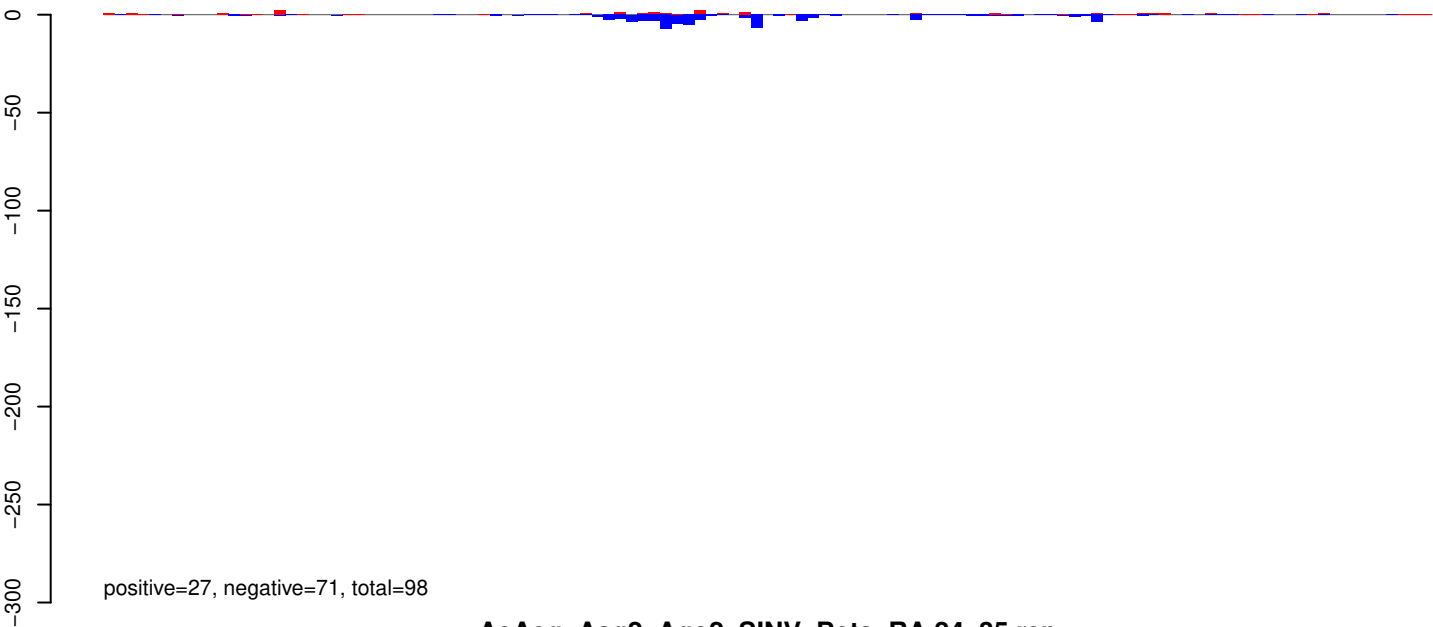


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

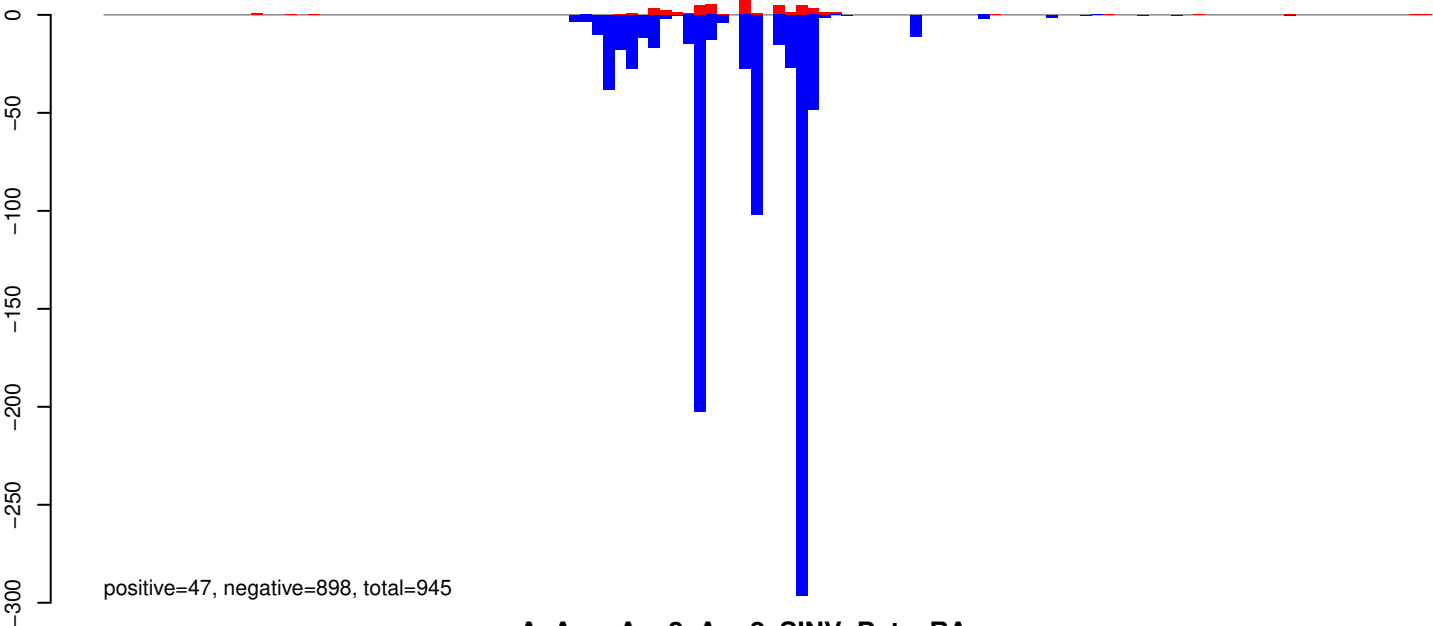


Window size=25, length=3436, TE@R=445-UNKNOWN:1-3436

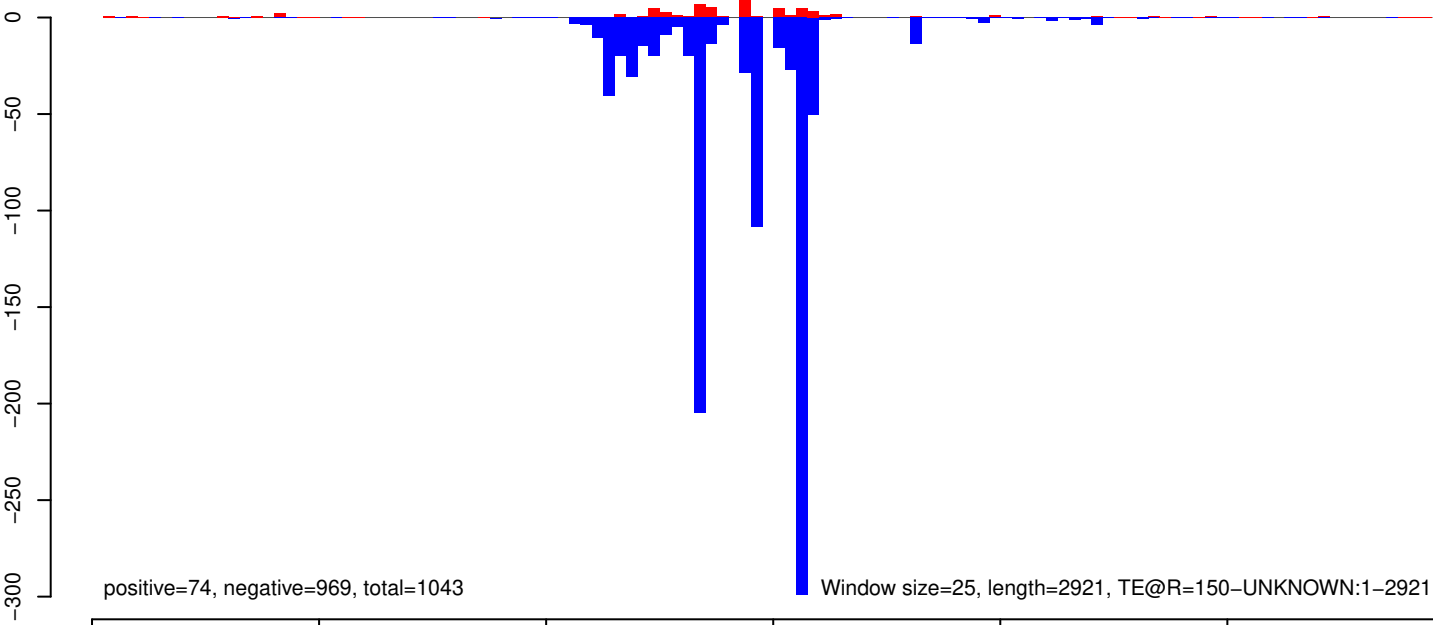
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

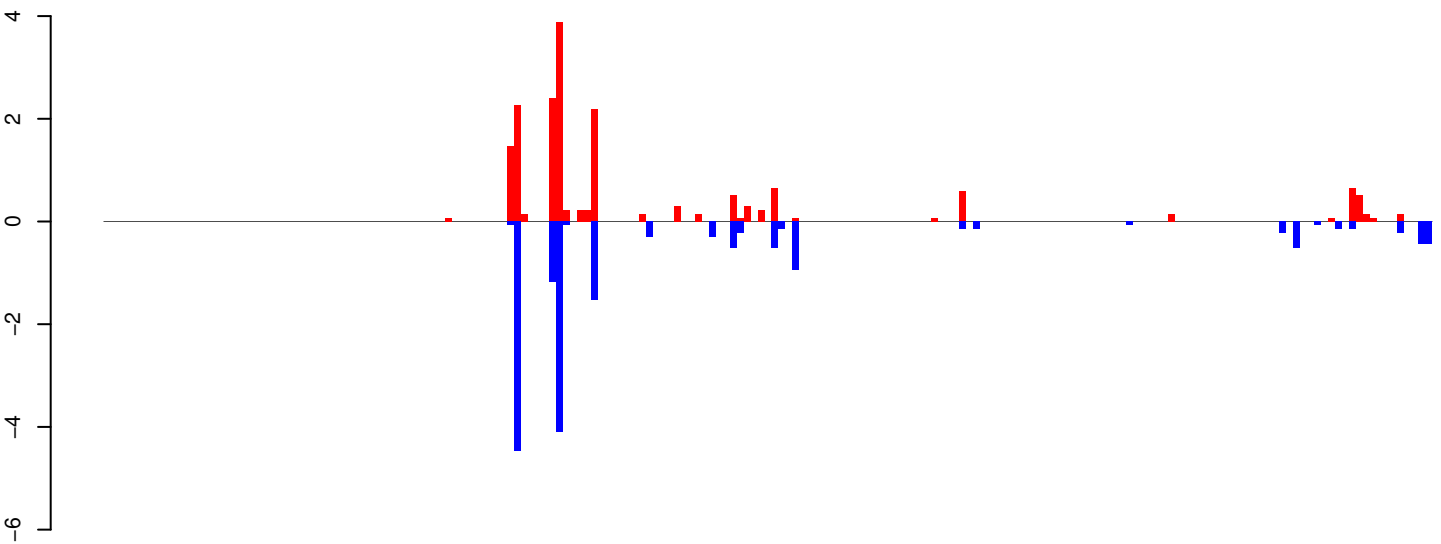


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



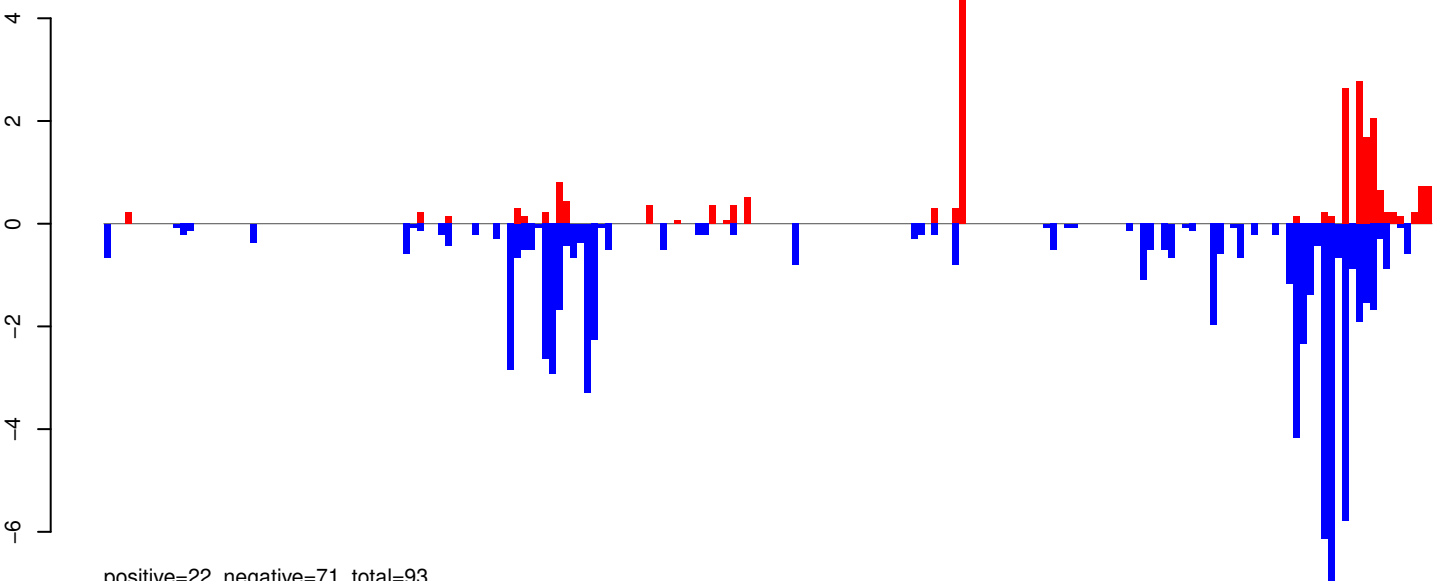
0 500 1000 1500 2000 2500 3000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



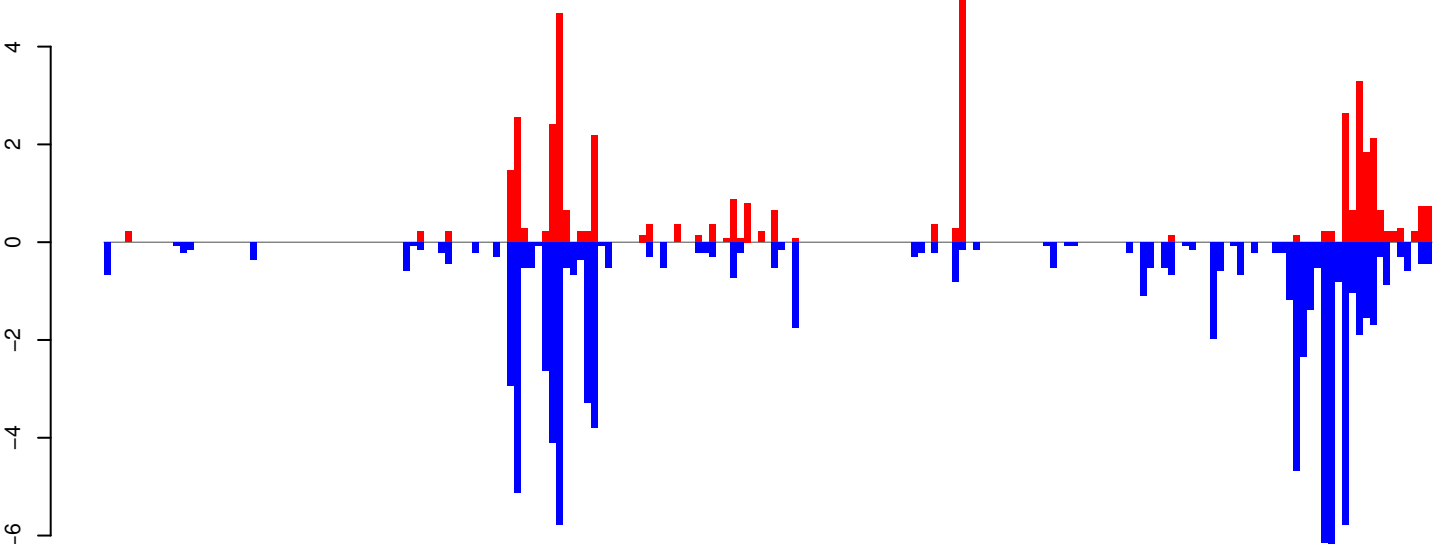
positive=18, negative=17, total=35

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=22, negative=71, total=93

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

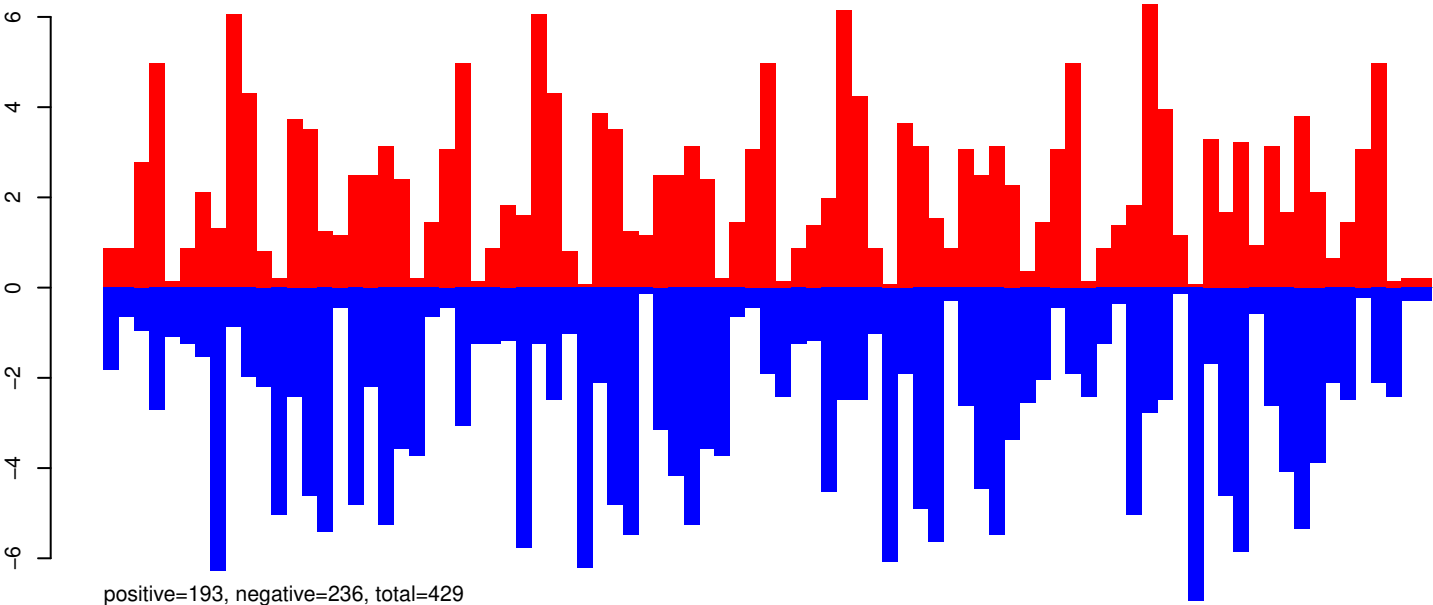


positive=40, negative=88, total=128

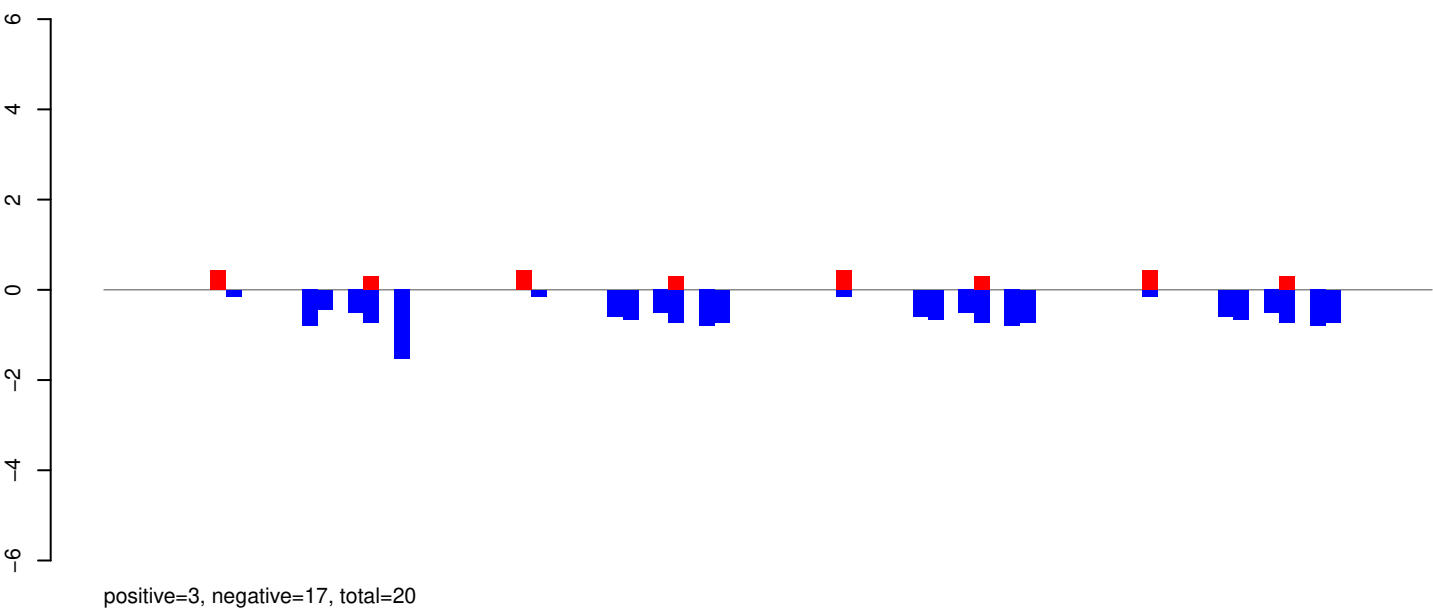
Window size=25, length=4761, TE@DNA-15\_AAg:1-4761

0 1000 2000 3000 4000

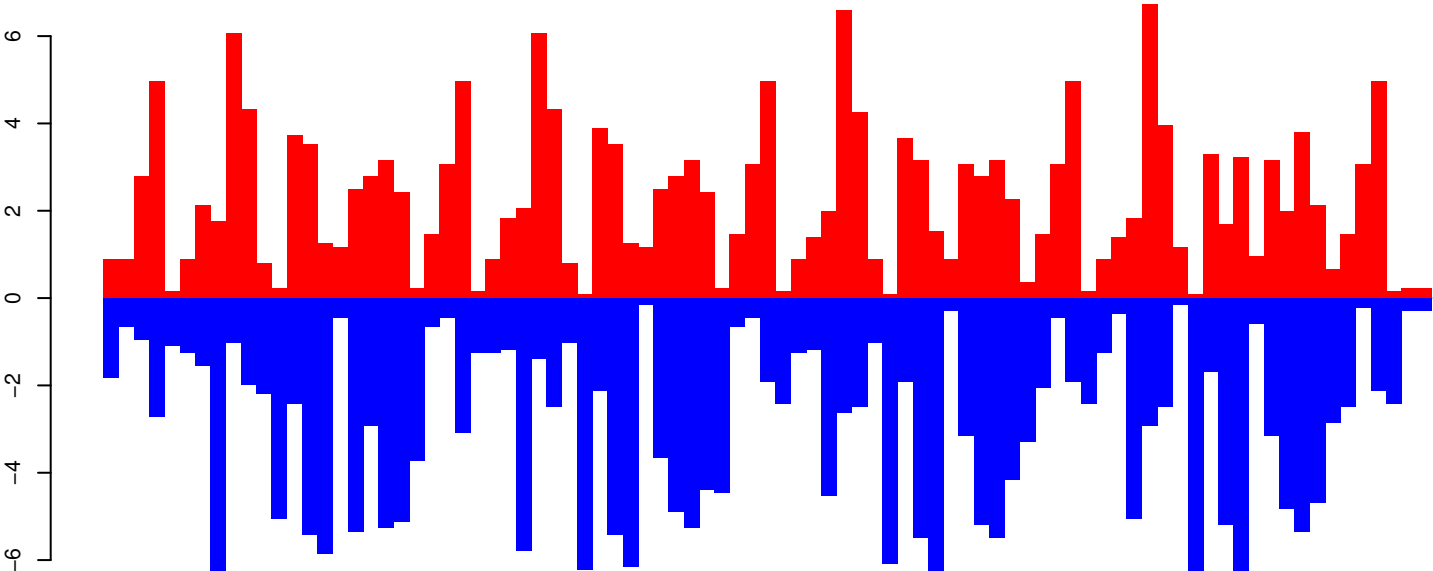
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

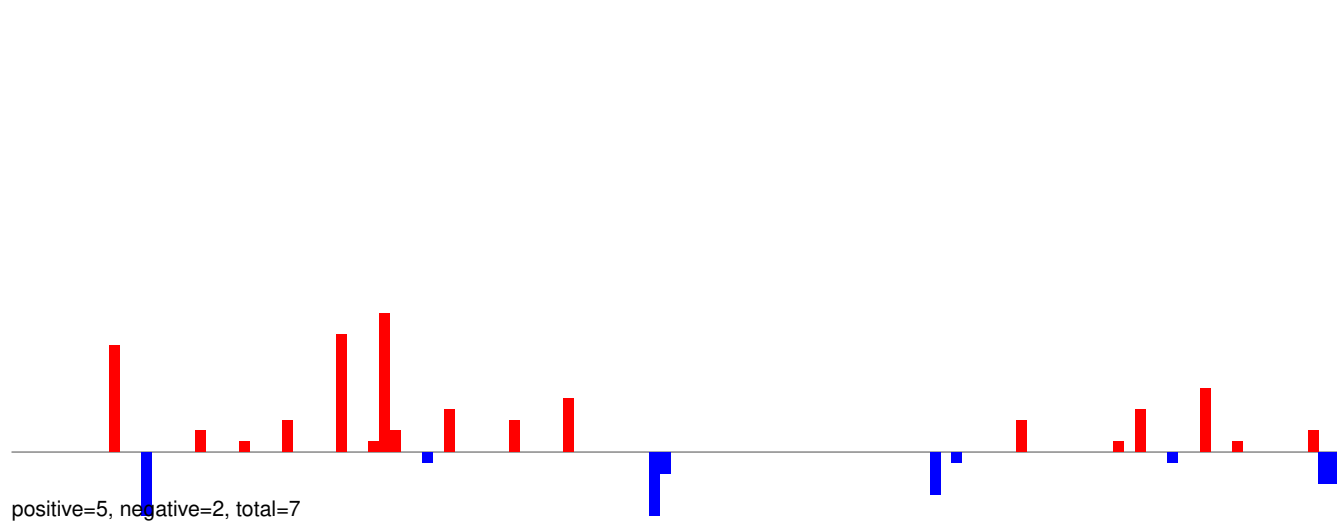


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

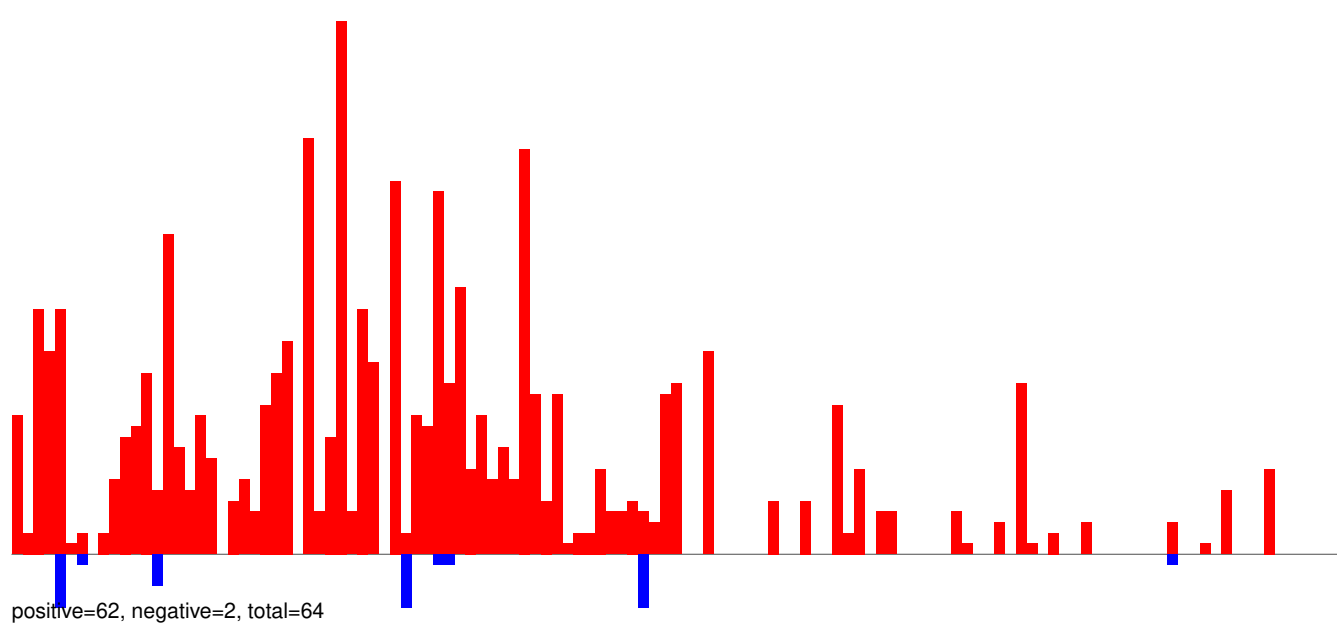


Window size=25, length=2162, TE@aedes4kgr2k10pd1-AAGE01027063\_5580bp, TE-UNKNOWN:1-2162

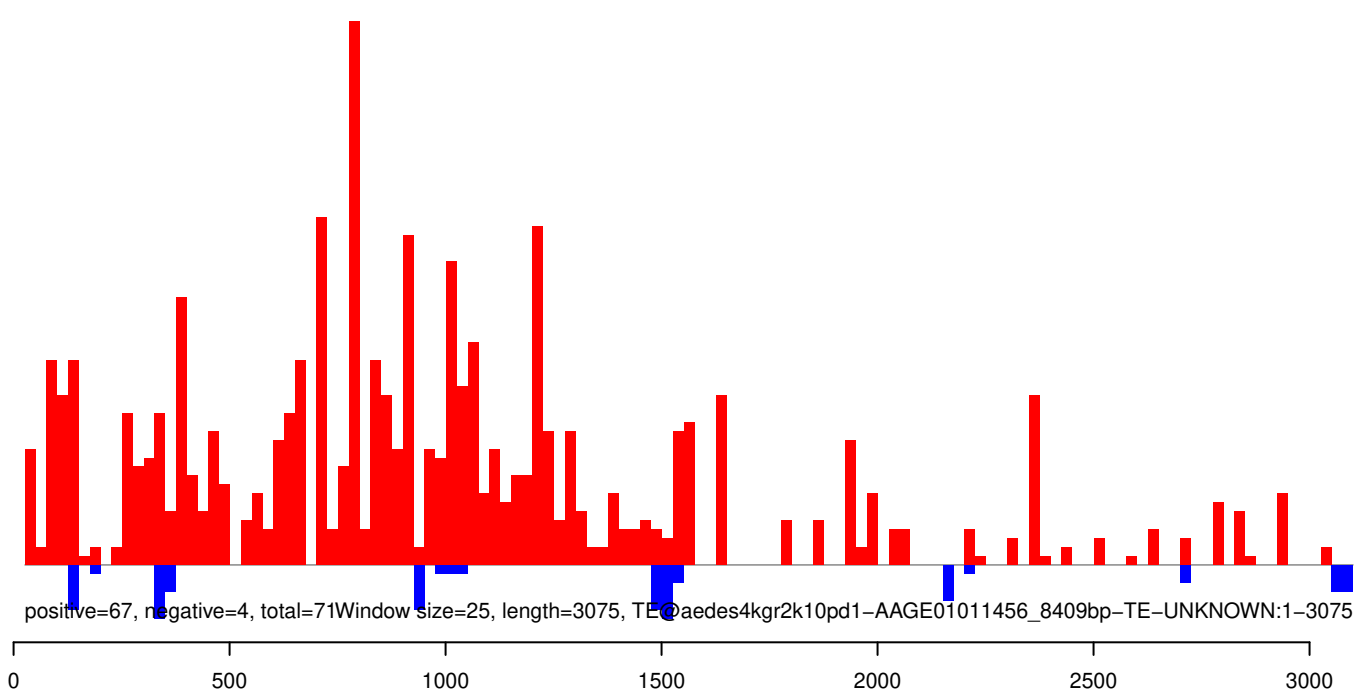
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

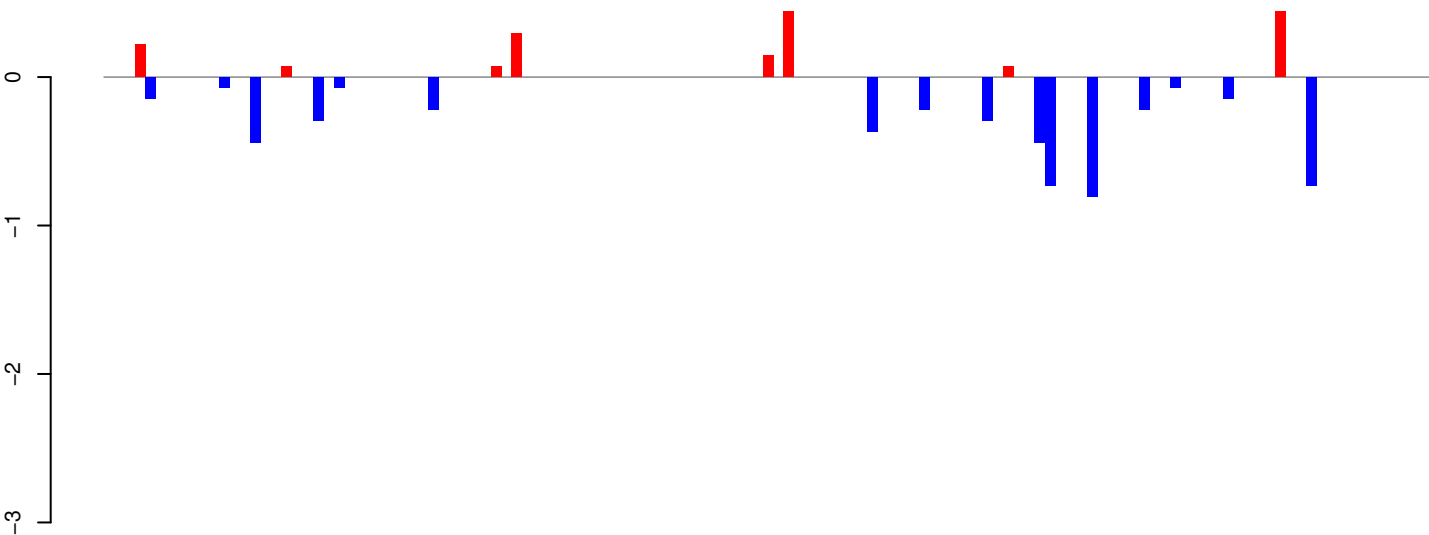


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



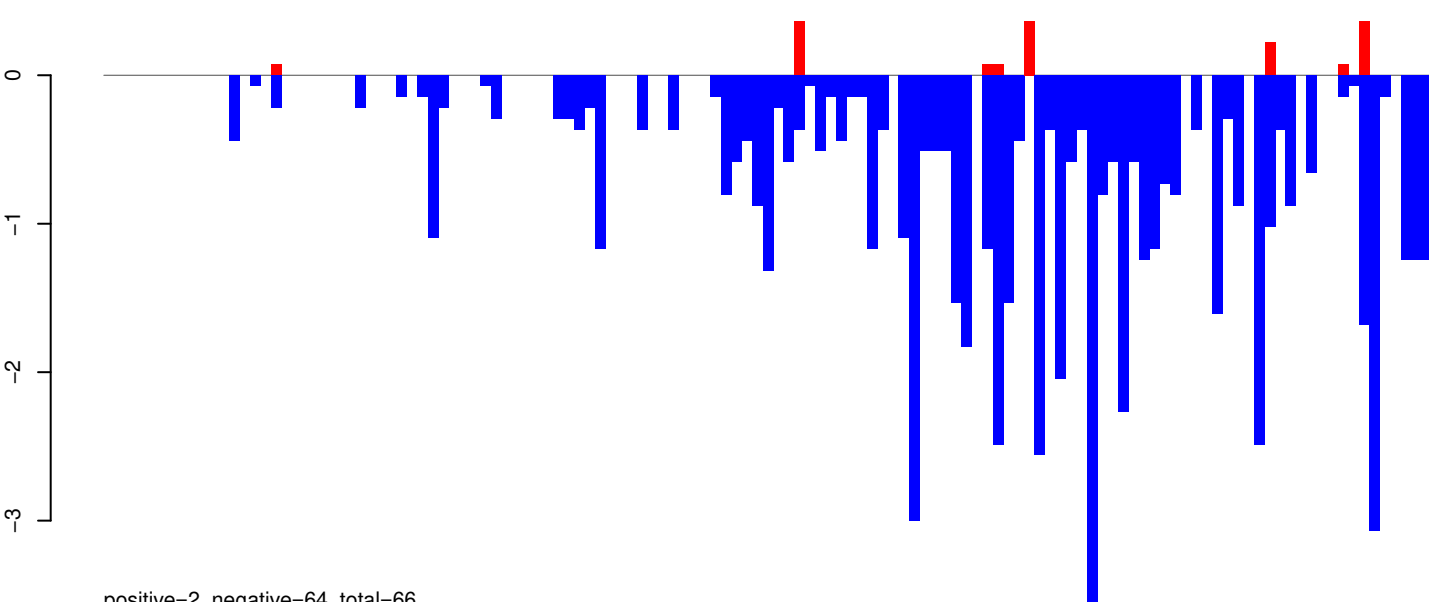


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



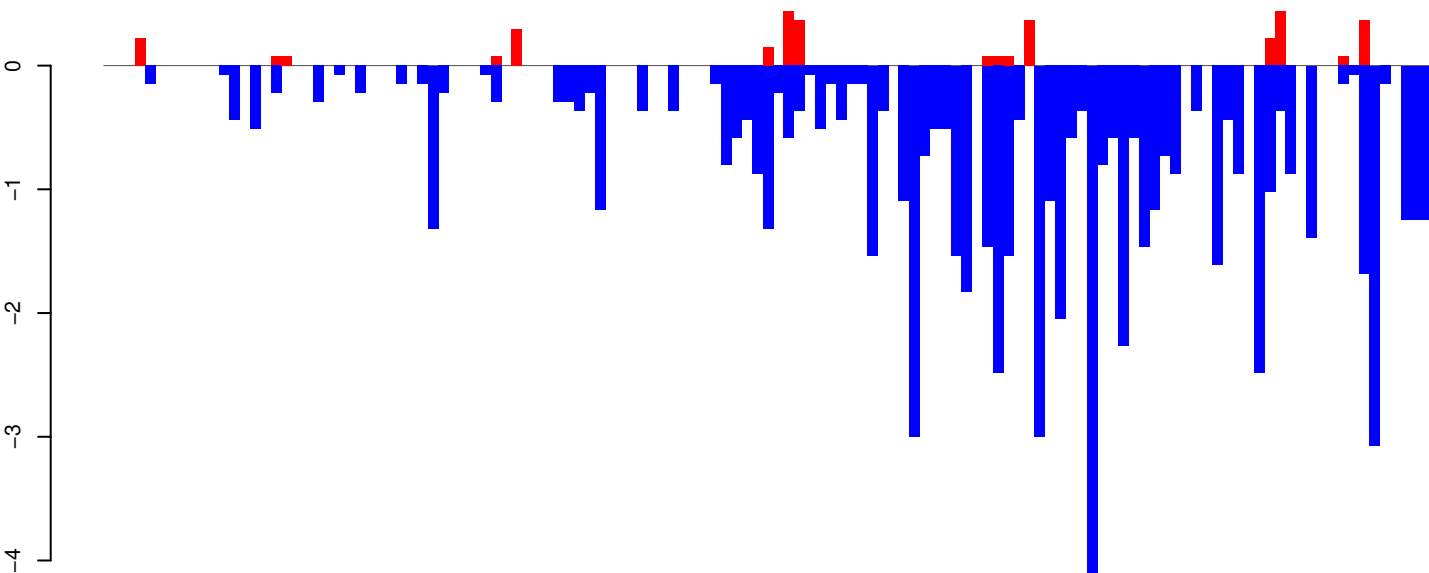
positive=2, negative=5, total=7

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=2, negative=64, total=66

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



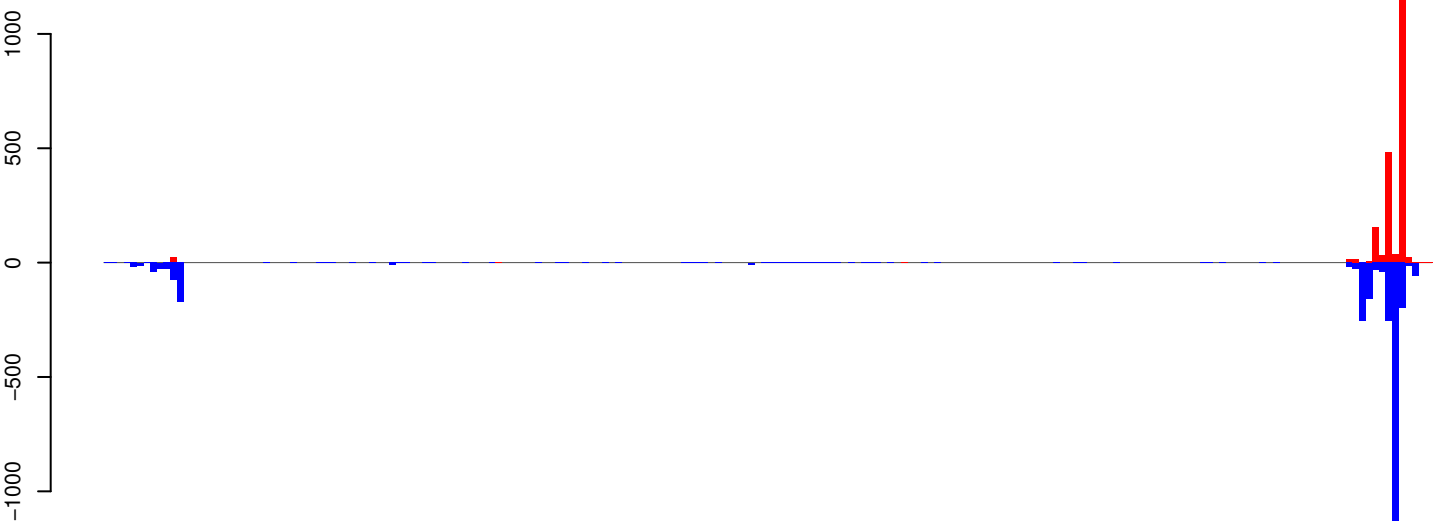
positive=3, negative=69, total=72 window size=25, length=3172, TE@aedes4kgr2k10pd1-AAGE01001403\_15771bp-TE-UNKNOWN:1-3172

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



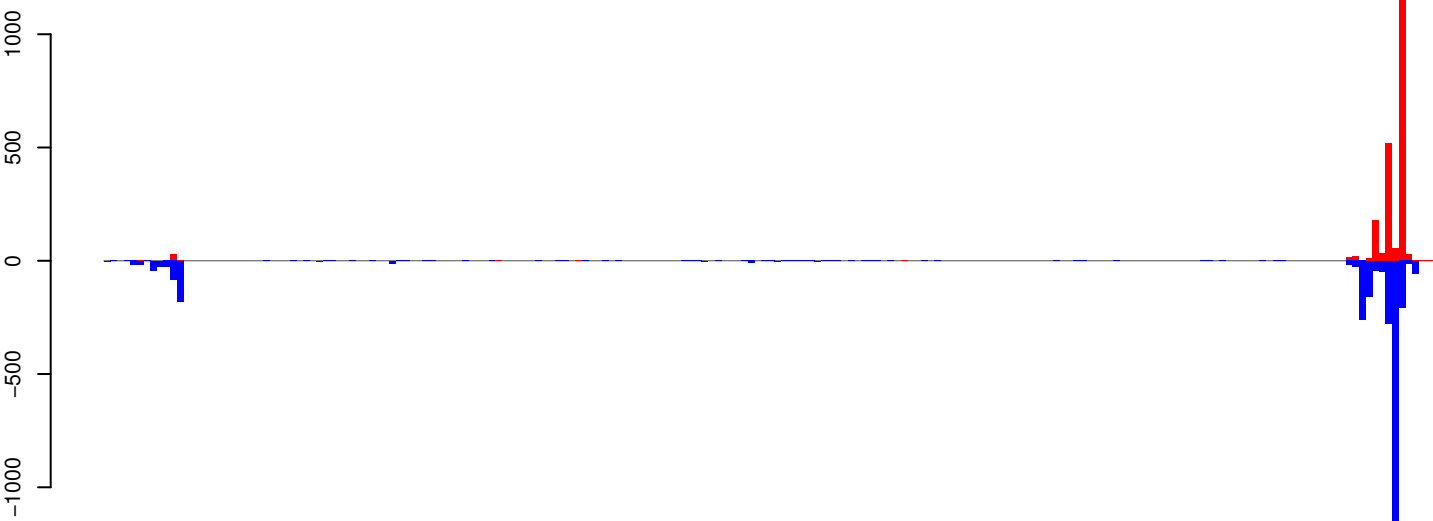
positive=102, negative=103, total=205

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=2141, negative=2749, total=4890

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

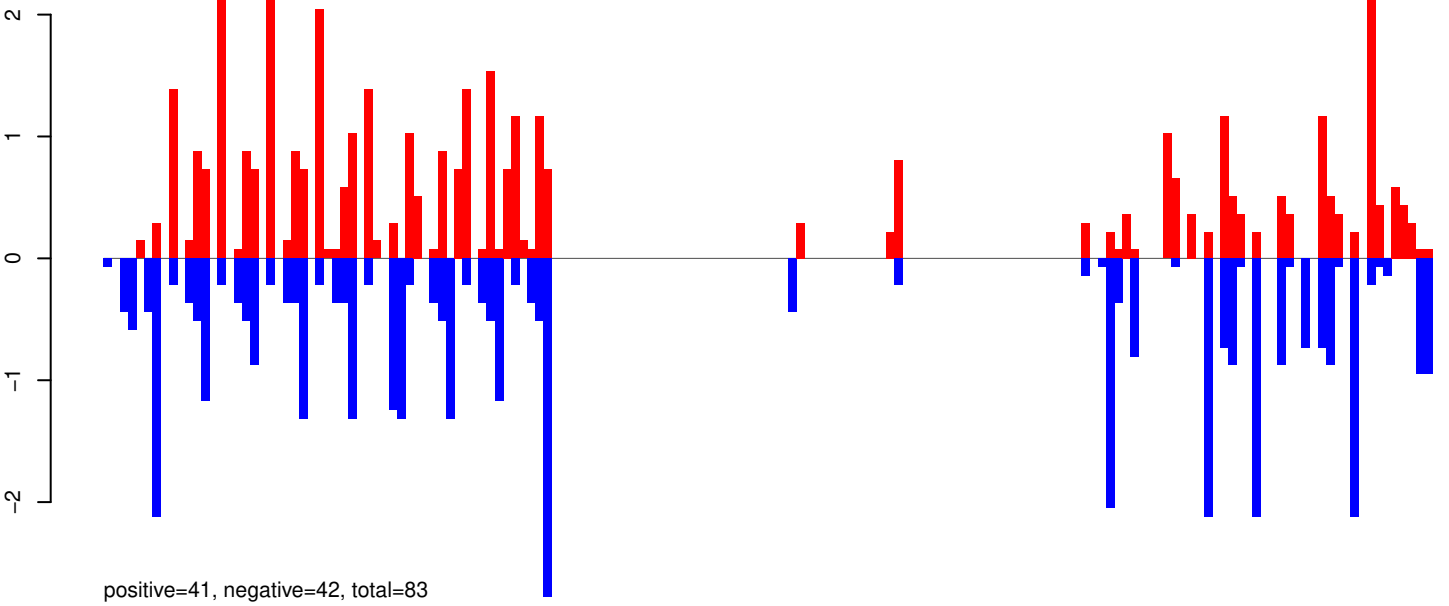


positive=2243, negative=2851, total=5094

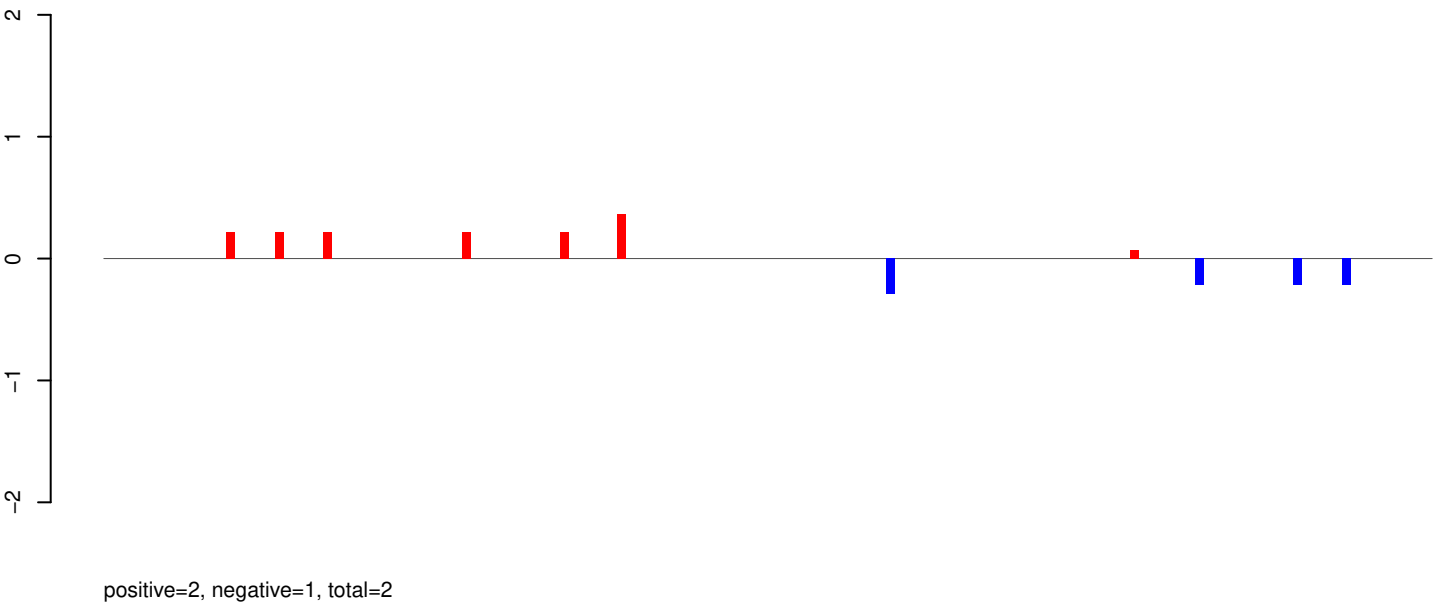
Window size=25, length=4980, TE@Jockey\_Ele7:1-4980

0 1000 2000 3000 4000 5000

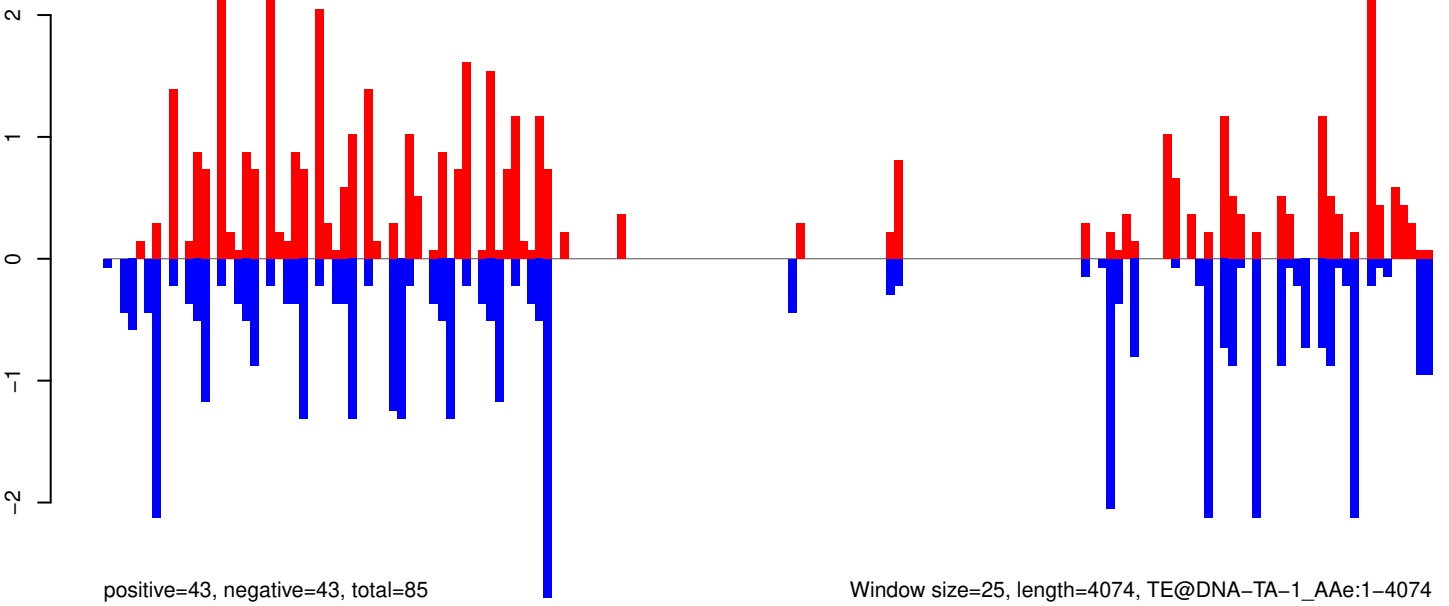
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

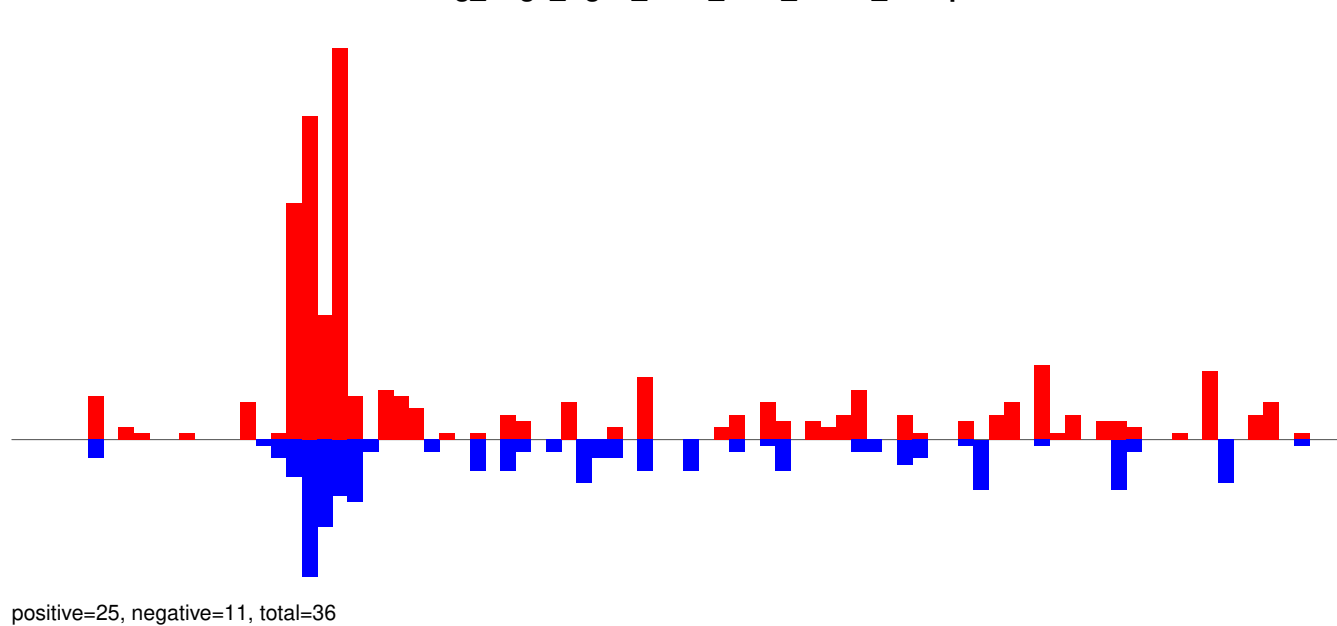


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

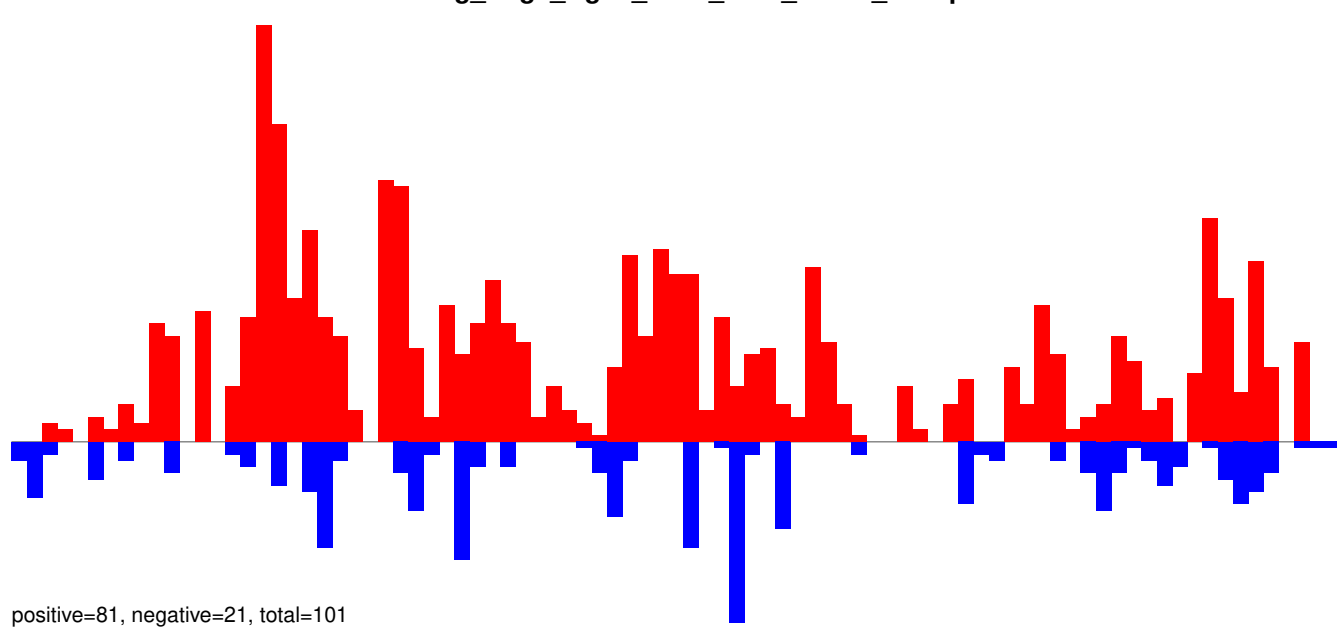


Window size=25, length=4074, TE@DNA-TA-1\_A Ae:1-4074

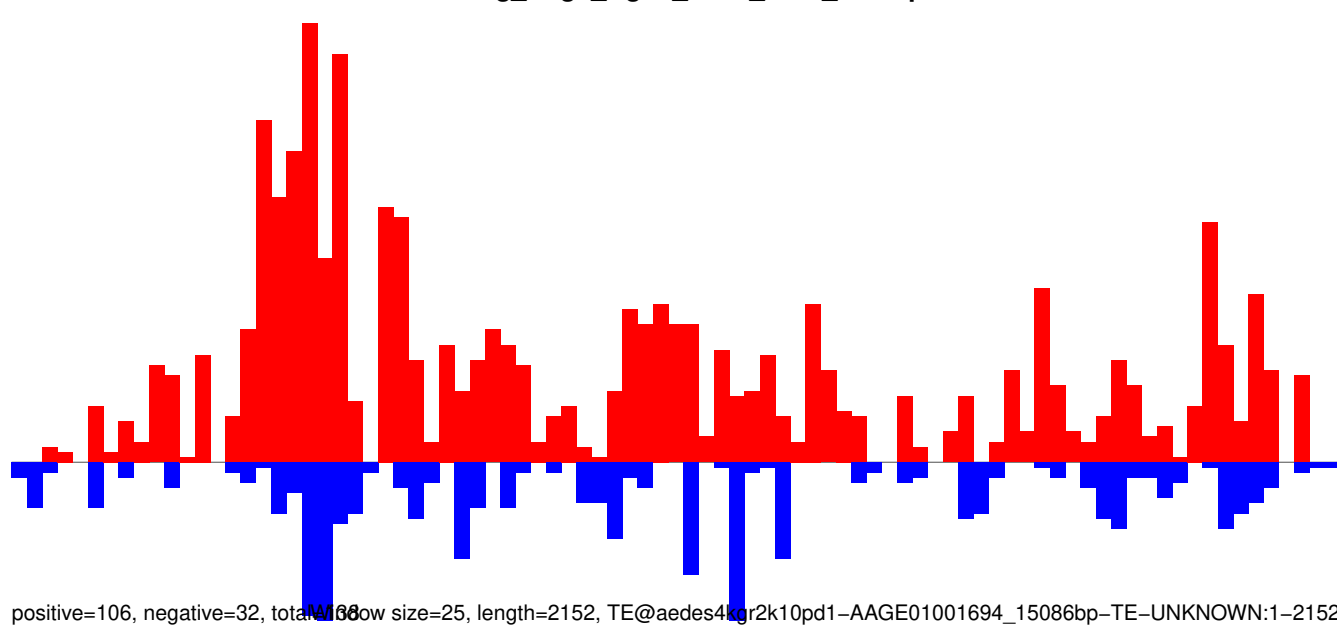
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

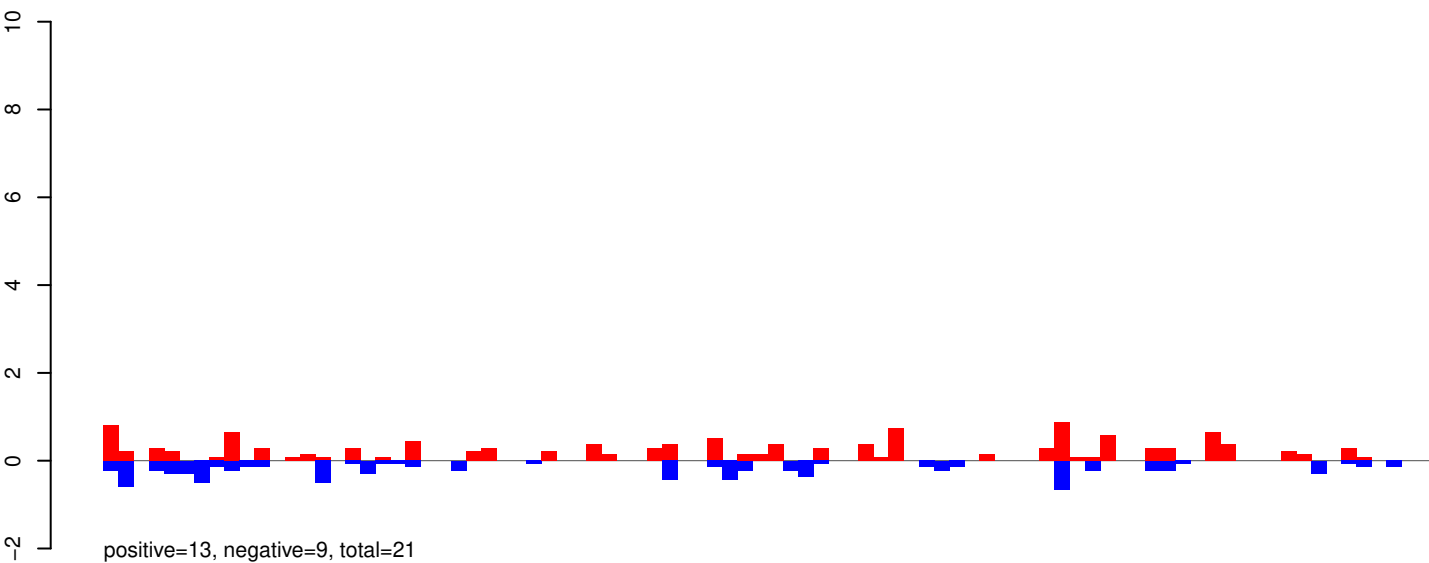


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

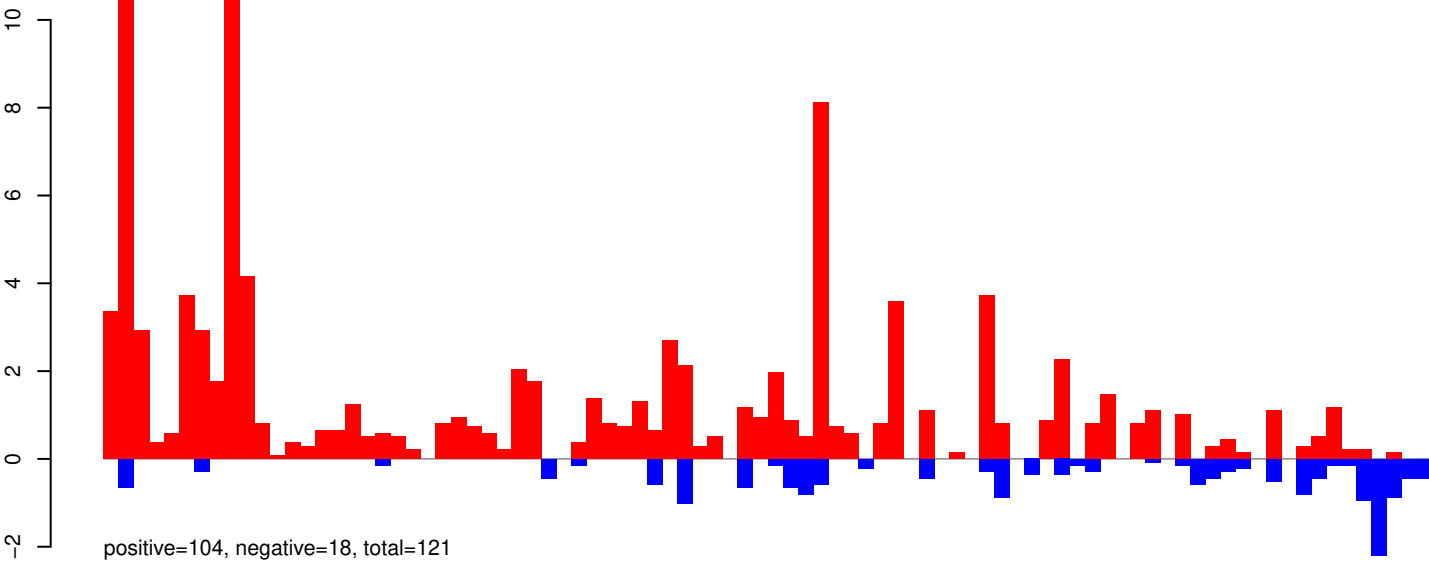


Window size=25, length=2152, TE@aedes4kr2k10pd1-AAGE01001694\_15086bp-TE-UNKNOWN:1-2152

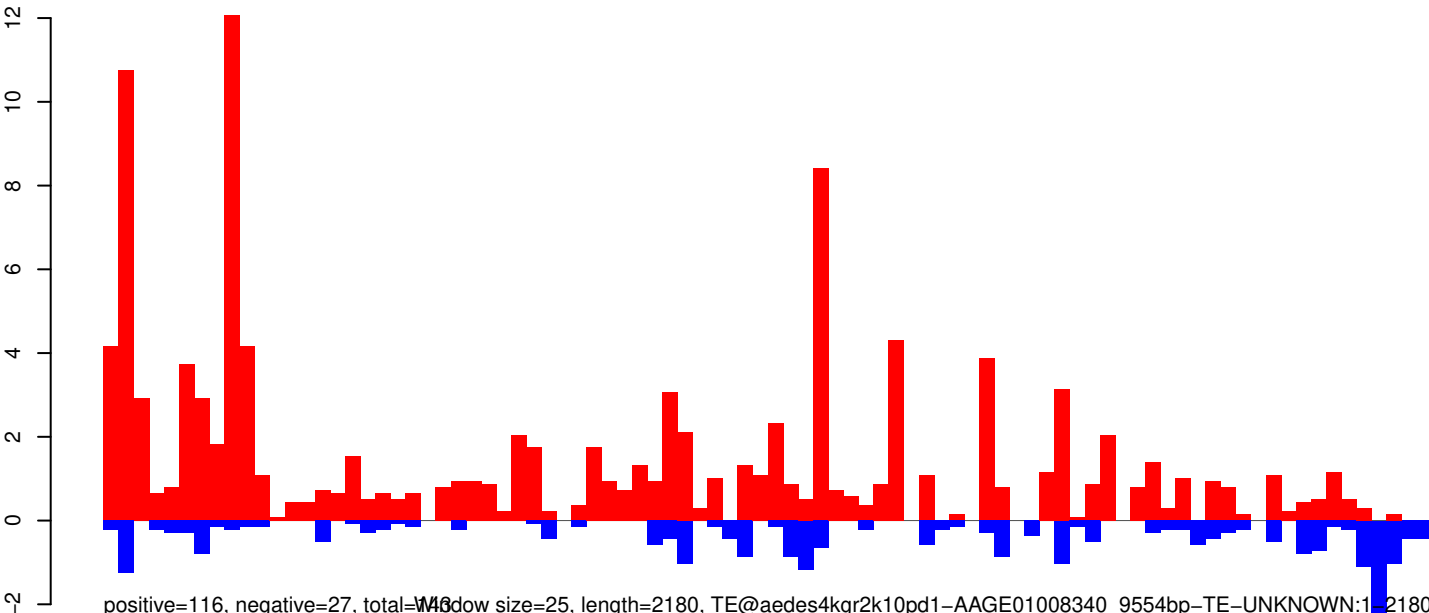
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

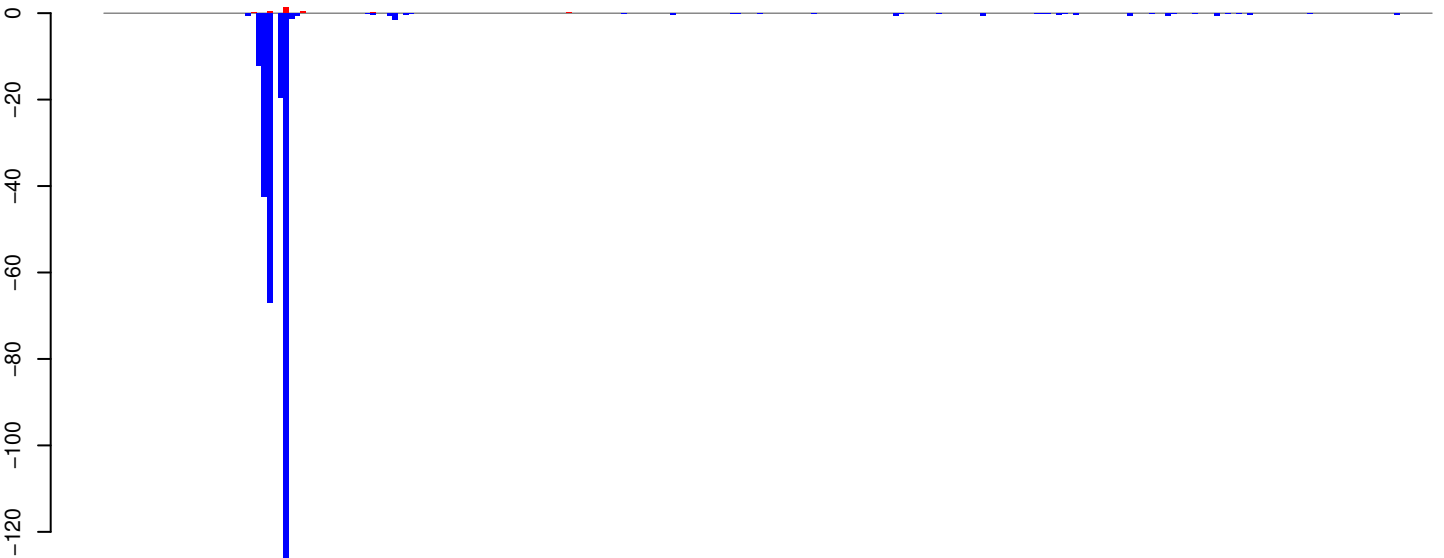


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=10, negative=86, total=96

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=3, negative=287, total=290

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

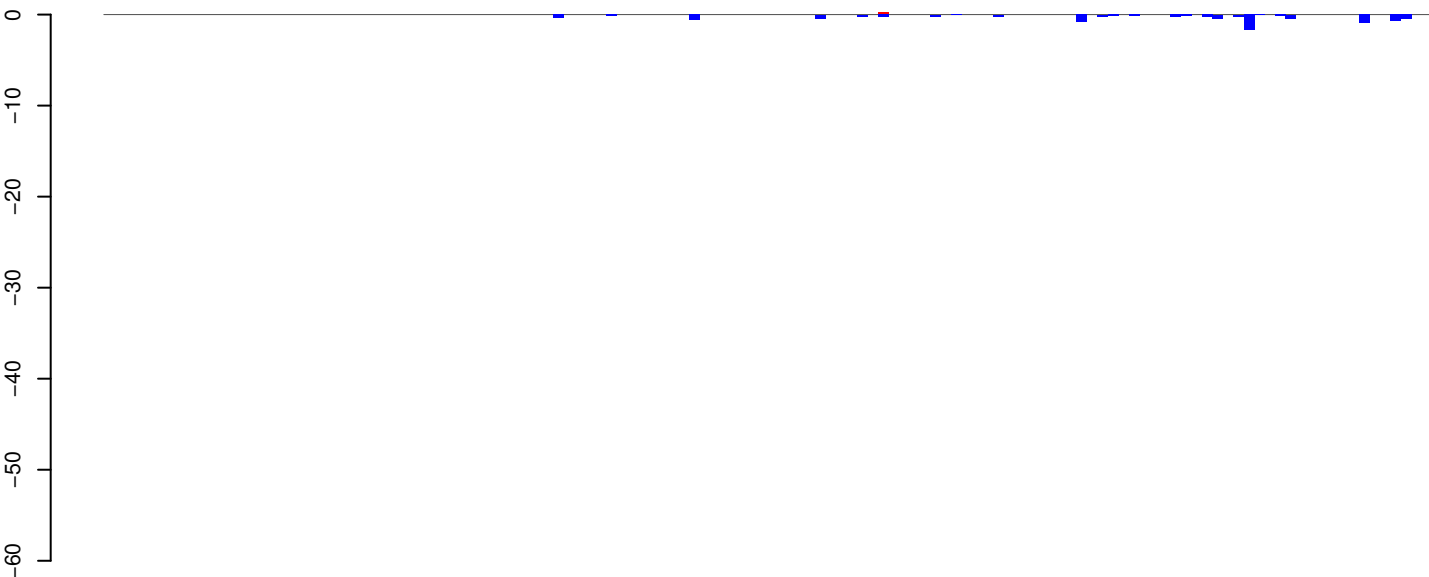


positive=13, negative=372, total=386

Window size=25, length=6094, TE@Loner\_Ele1:1-6094

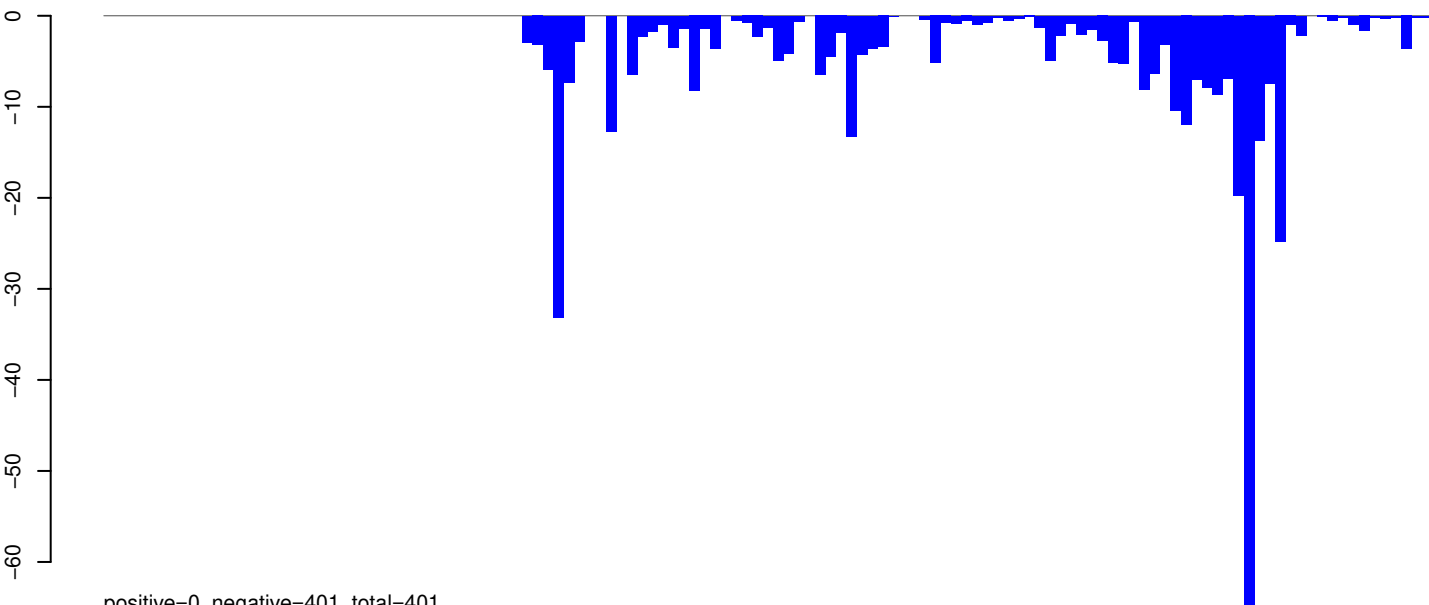
0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



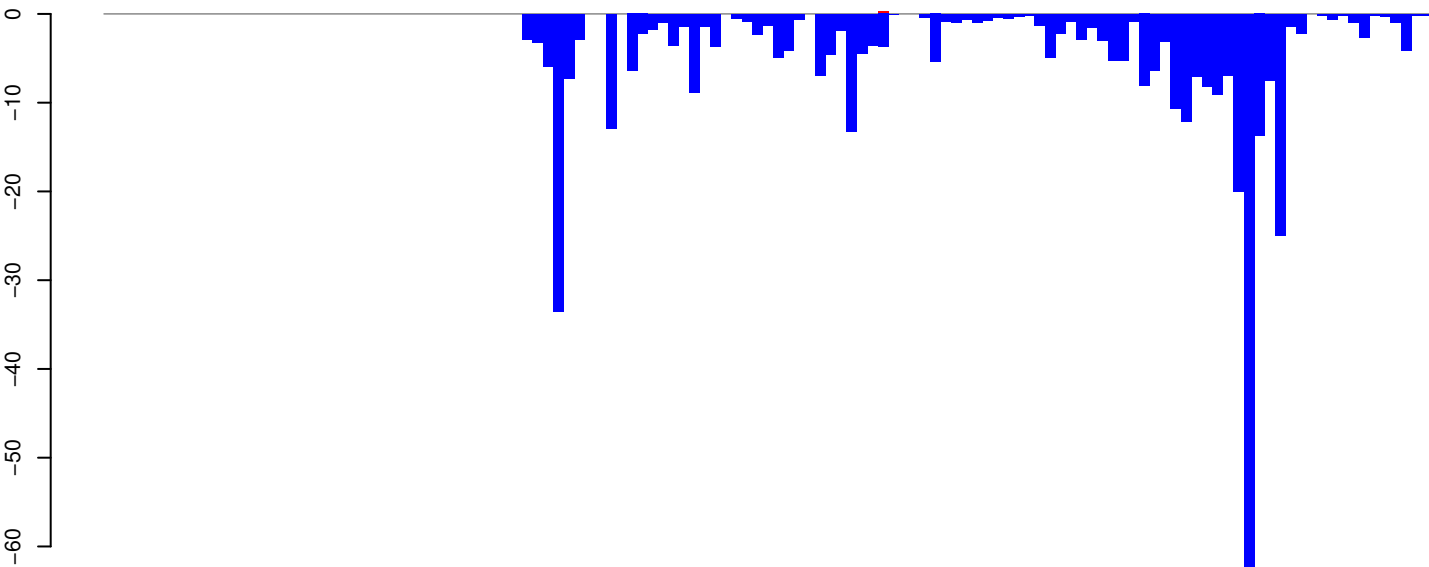
positive=0, negative=10, total=10

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=401, total=401

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

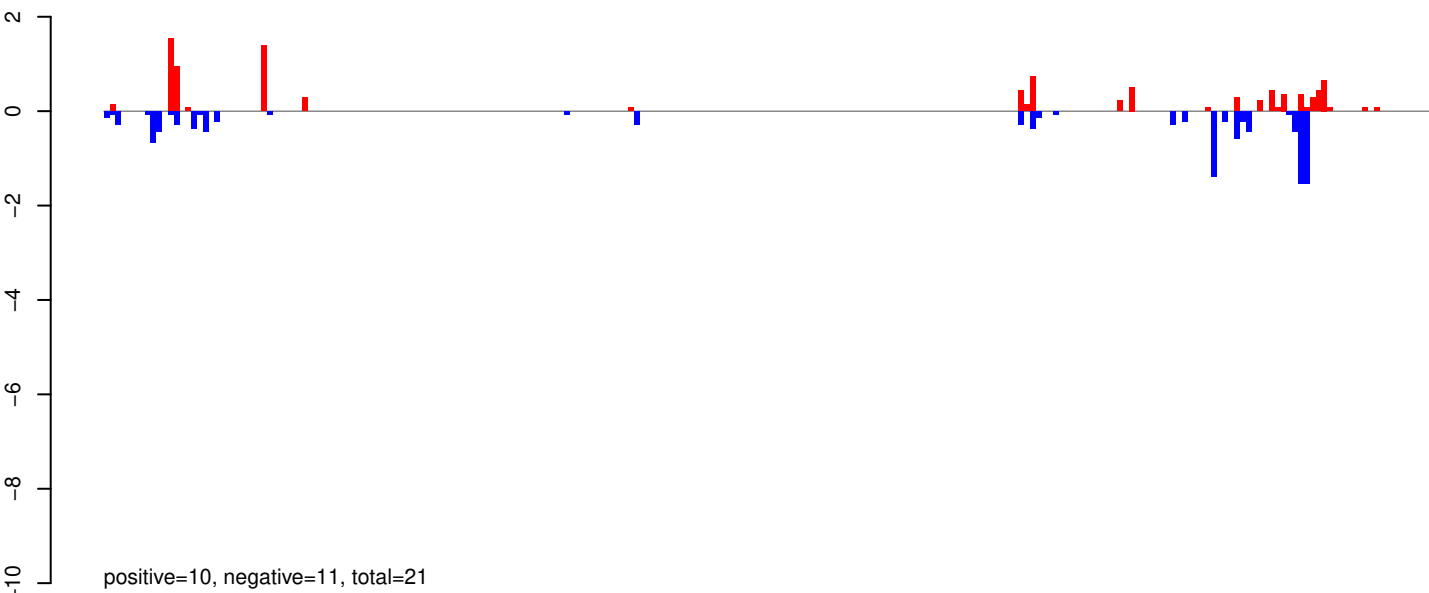


positive=0, negative=410, total=411

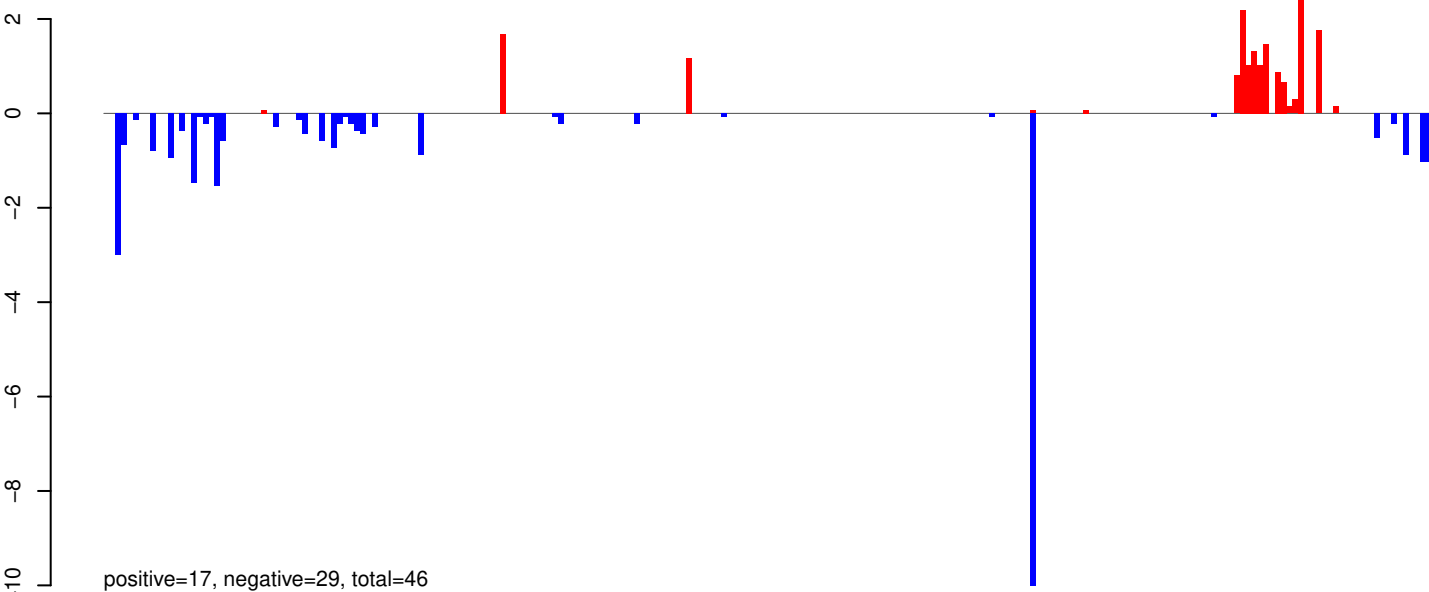
Window size=25, length=3156, TE@TF001152-Ty1\_copia\_Ele144:1-3156

0 500 1000 1500 2000 2500 3000

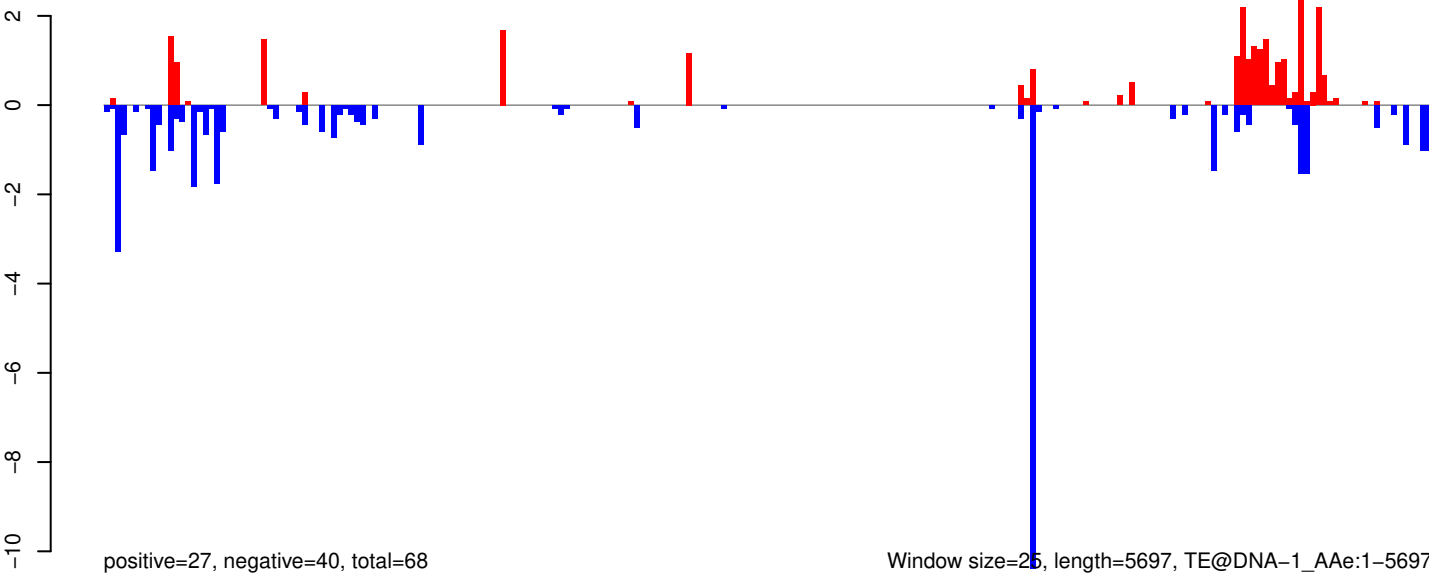
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



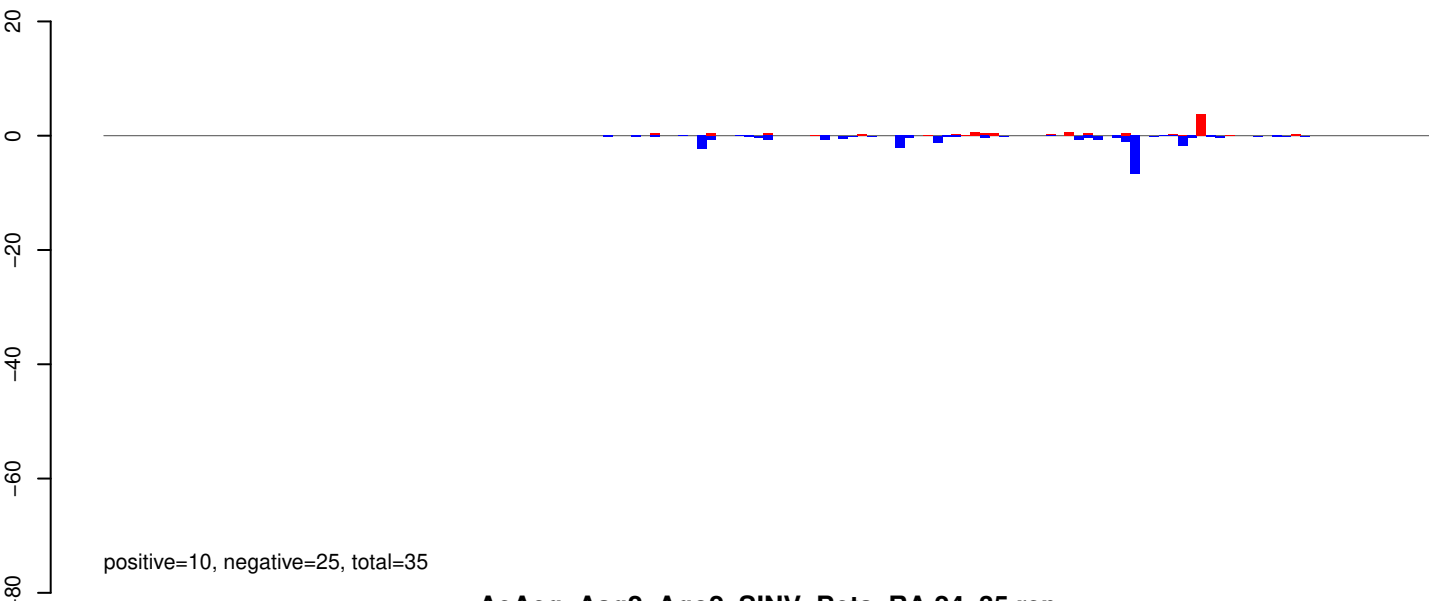
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



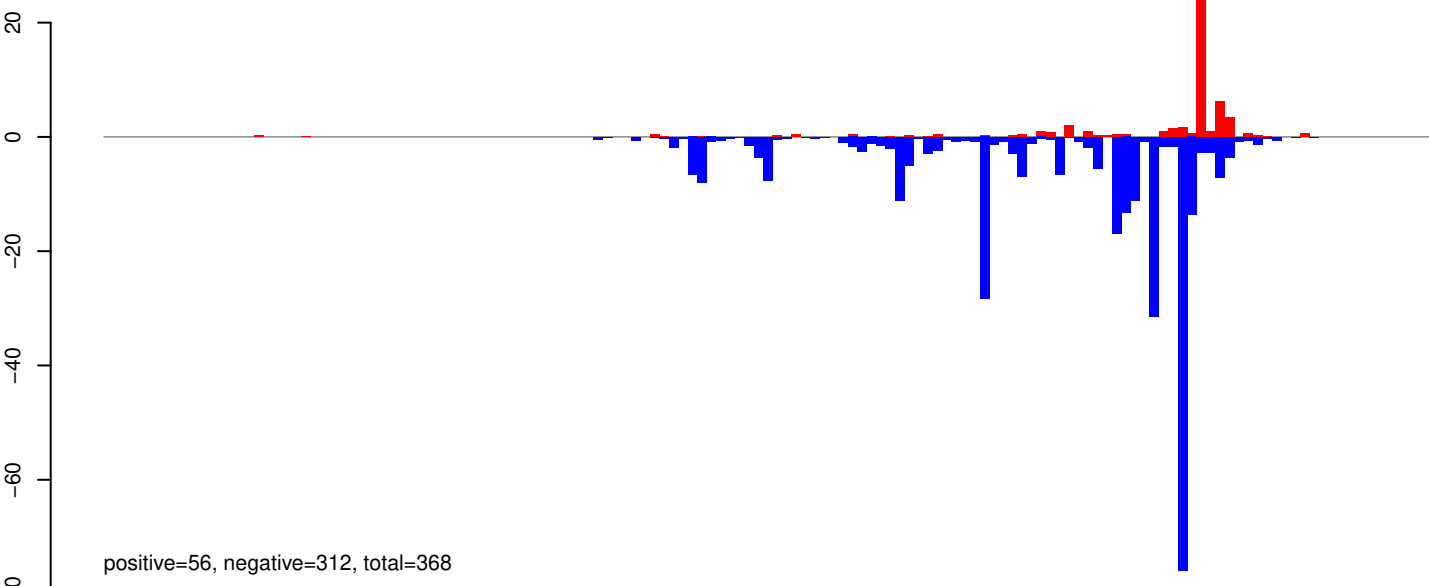
Window size=25, length=5697, TE@DNA-1\_AAe:1-5697



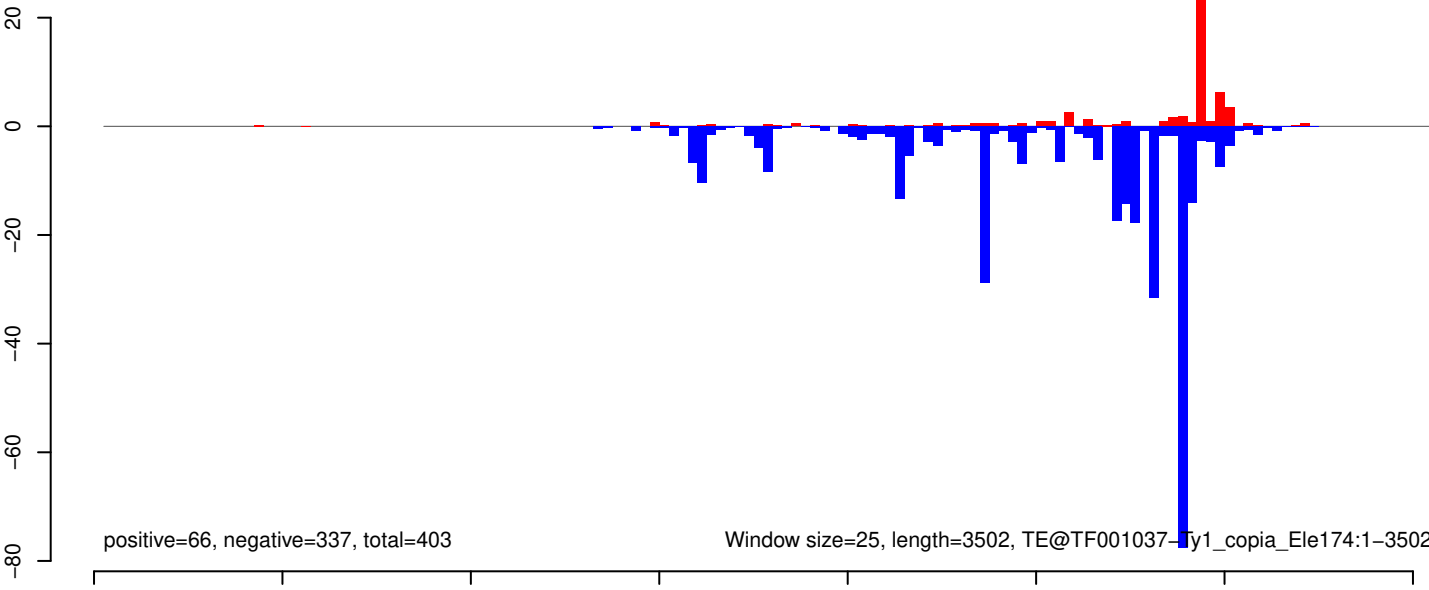
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



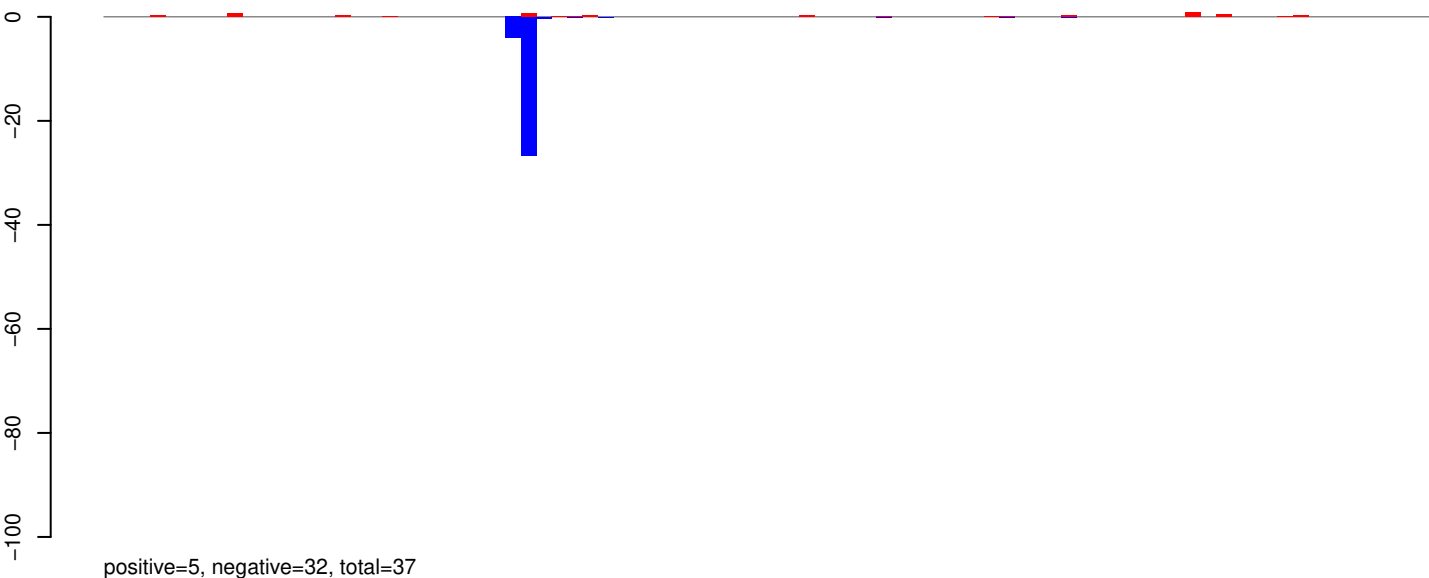
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



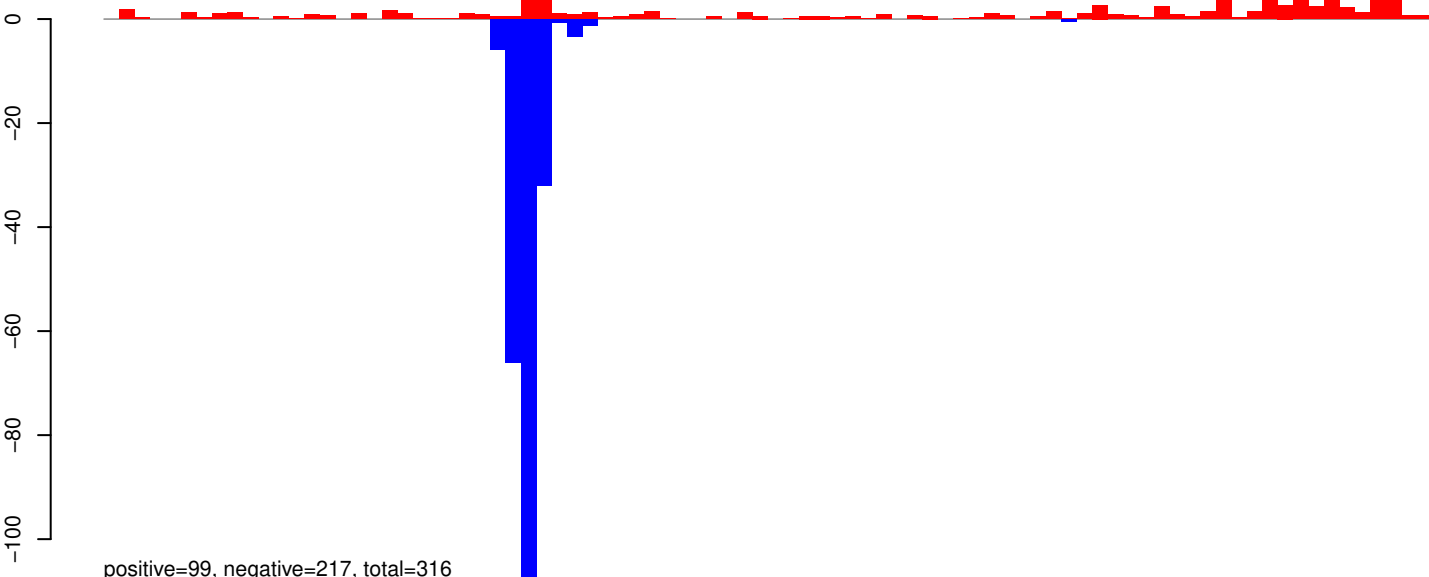
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



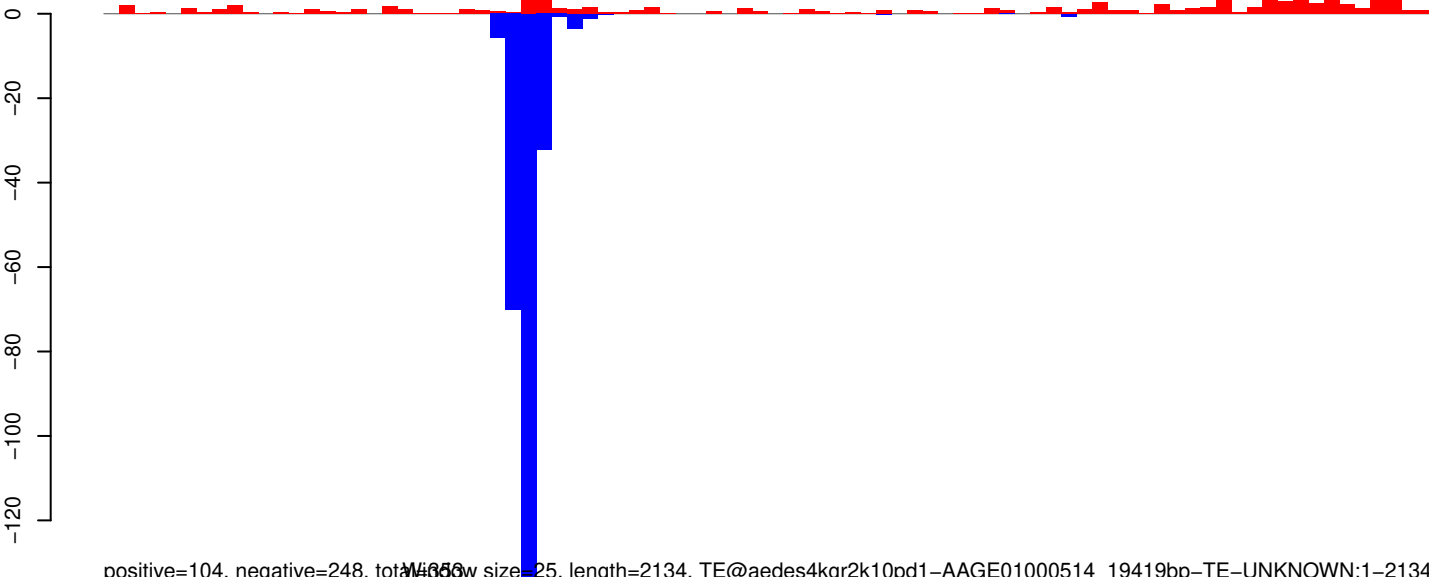
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



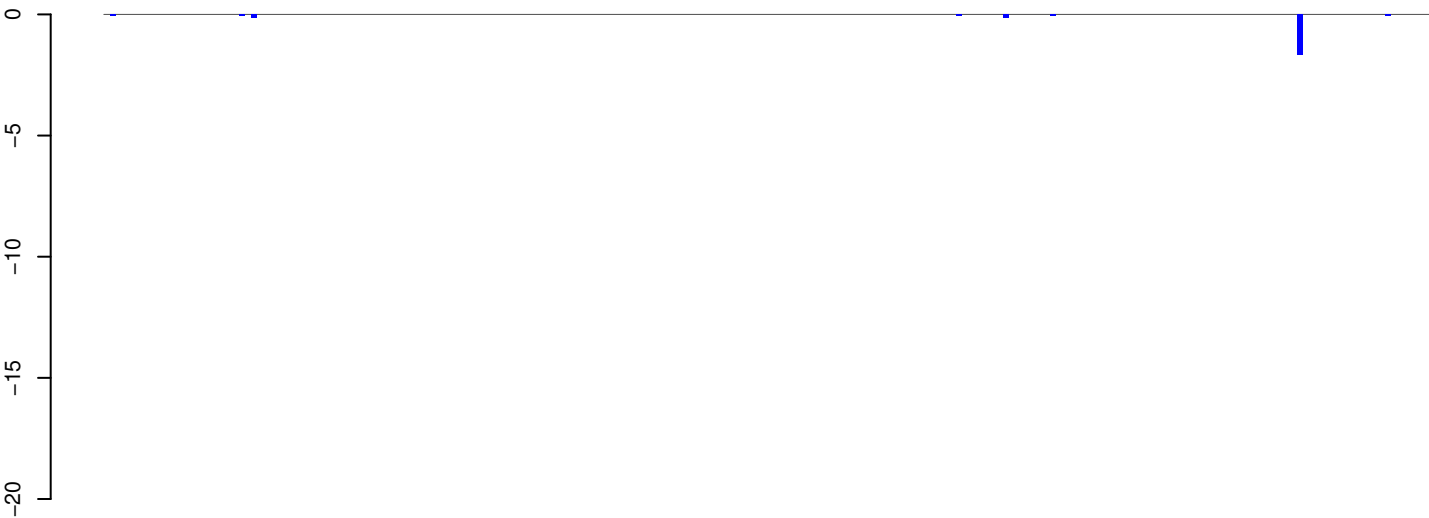
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



W4656 size=25, length=2134, TE@aedes4kgr2k10pd1-AAGE01000514\_19419bp-TE-UNKNOWN:1-2134

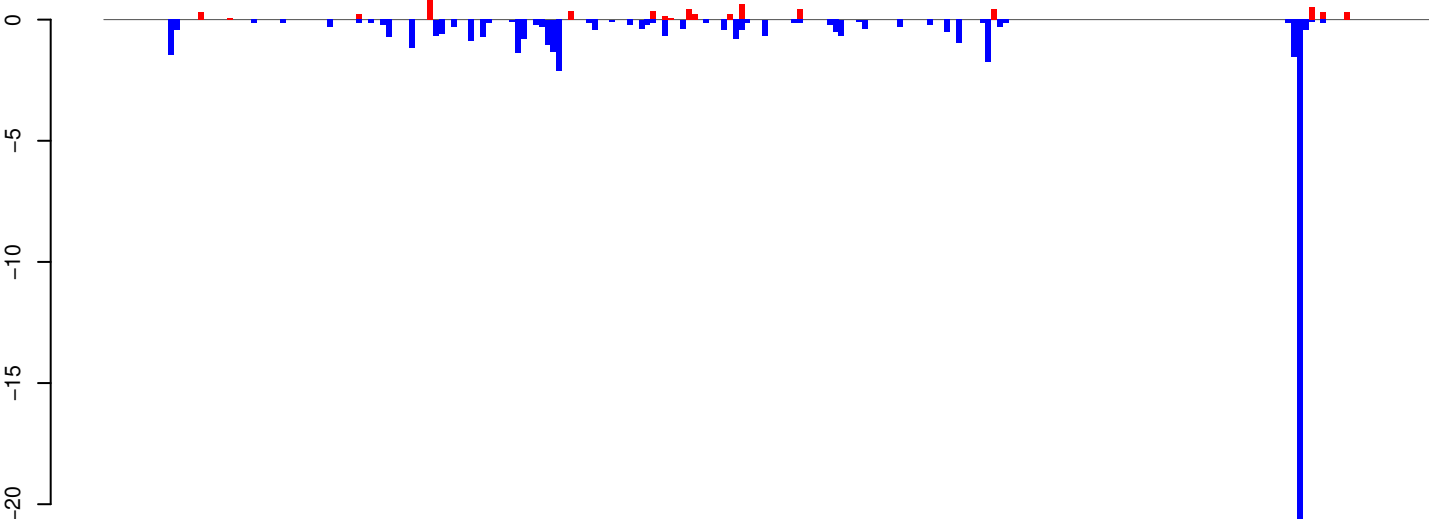
0 500 1000 1500 2000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



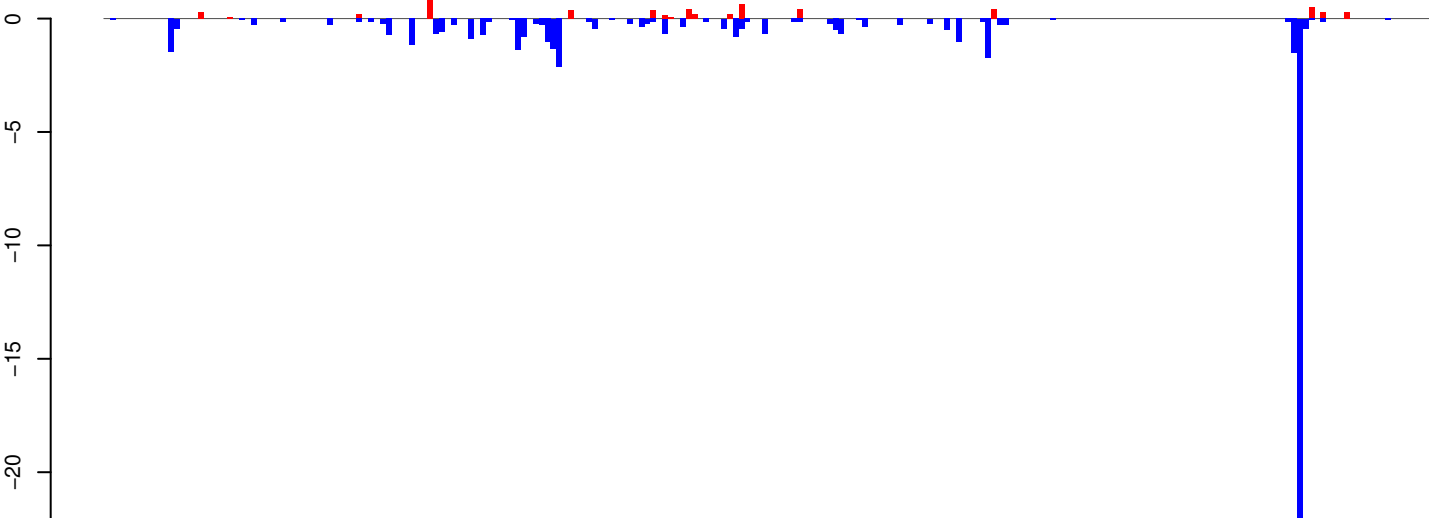
positive=0, negative=2, total=2

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=6, negative=53, total=59

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

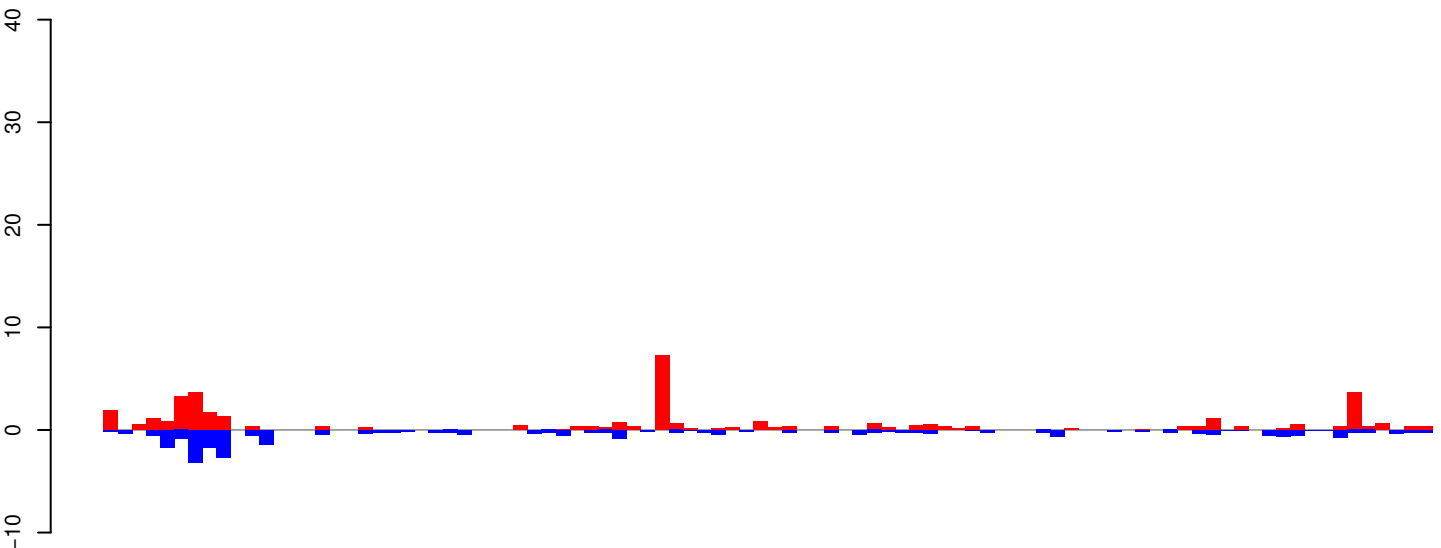


positive=6, negative=56, total=61

Window size=25, length=5636, TE@TF000616-Ty1\_copia\_Ele4:1-5636

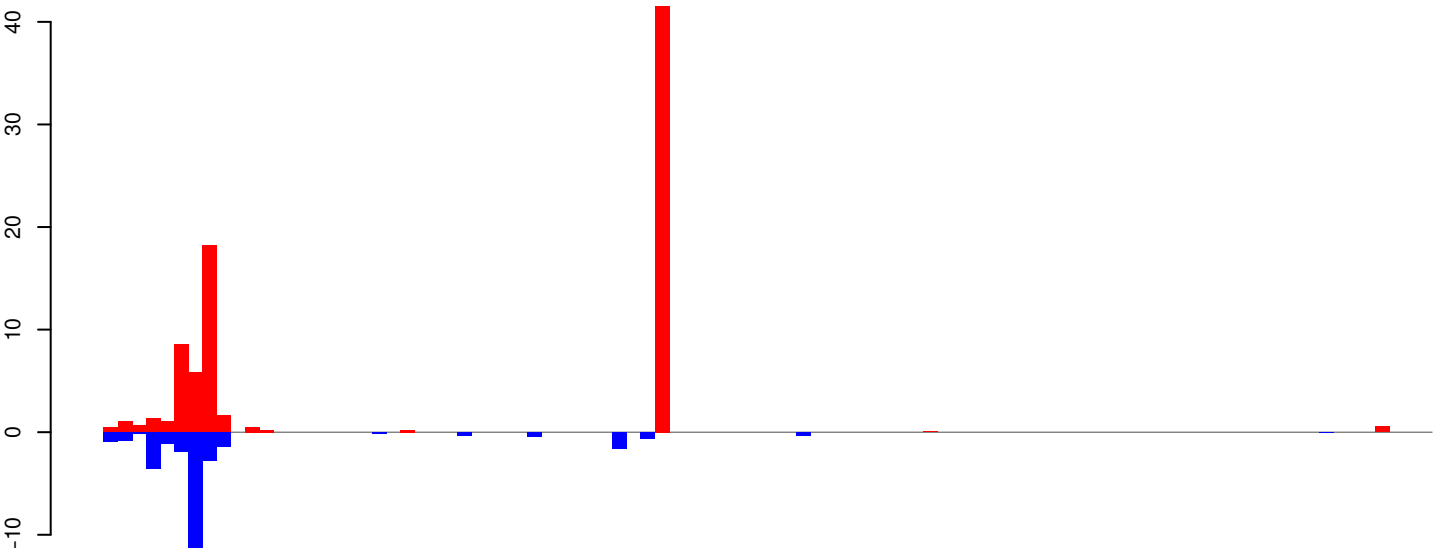
0 1000 2000 3000 4000 5000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



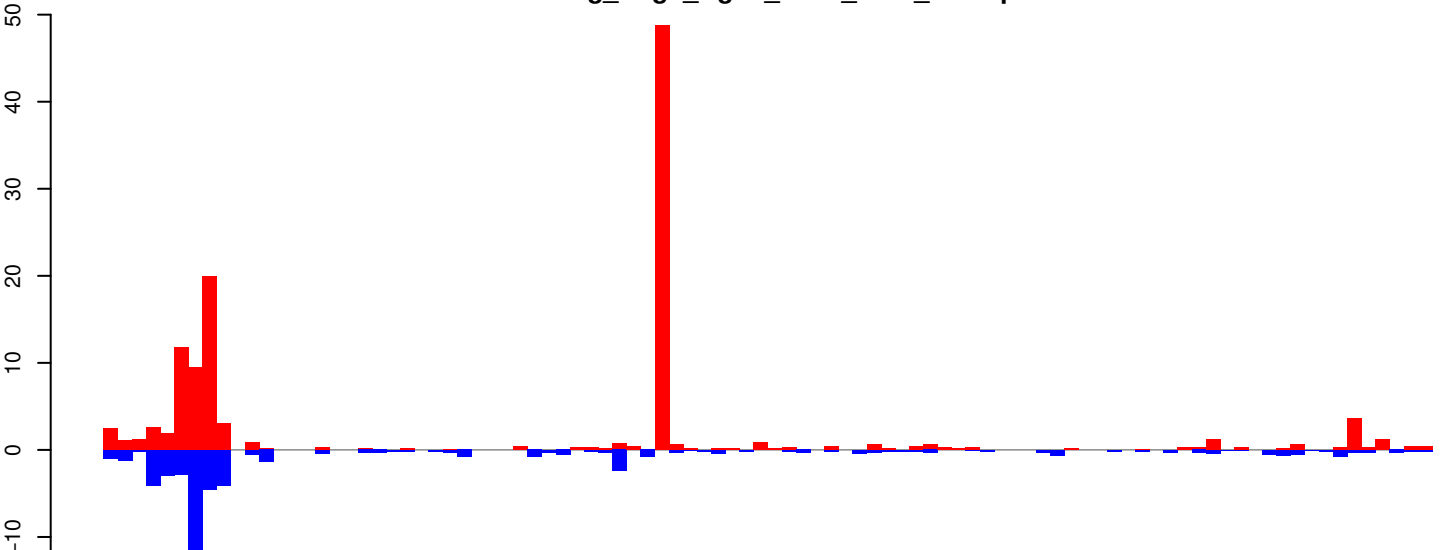
positive=39, negative=28, total=67

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



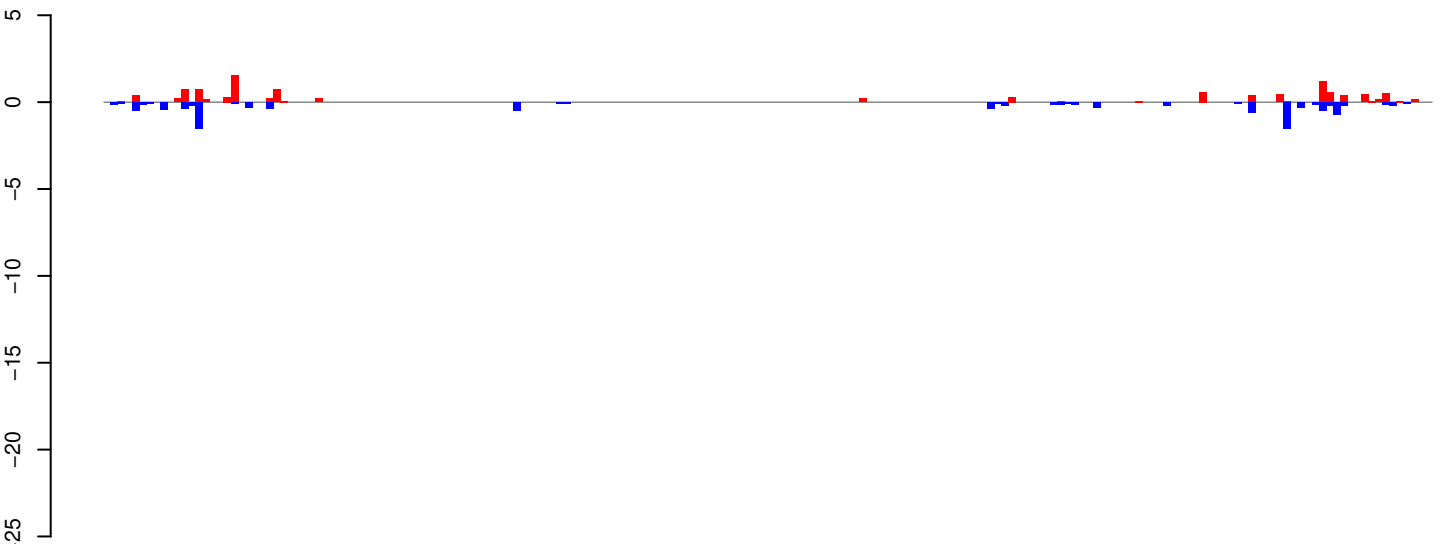
positive=82, negative=33, total=115

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



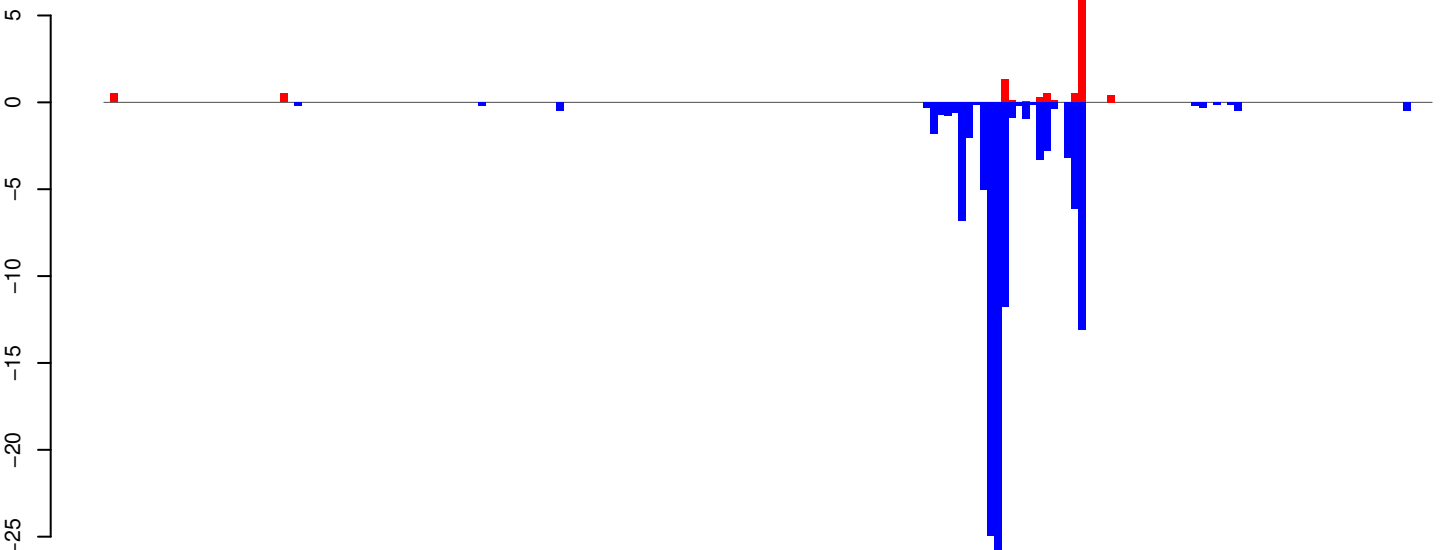
positive=121, negative=61, total=182 window size=25, length=2341, TE@aedes4kgr2k10pd1-AAGE01000153\_23993bp-TE-UNKNOWN:1-2341

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



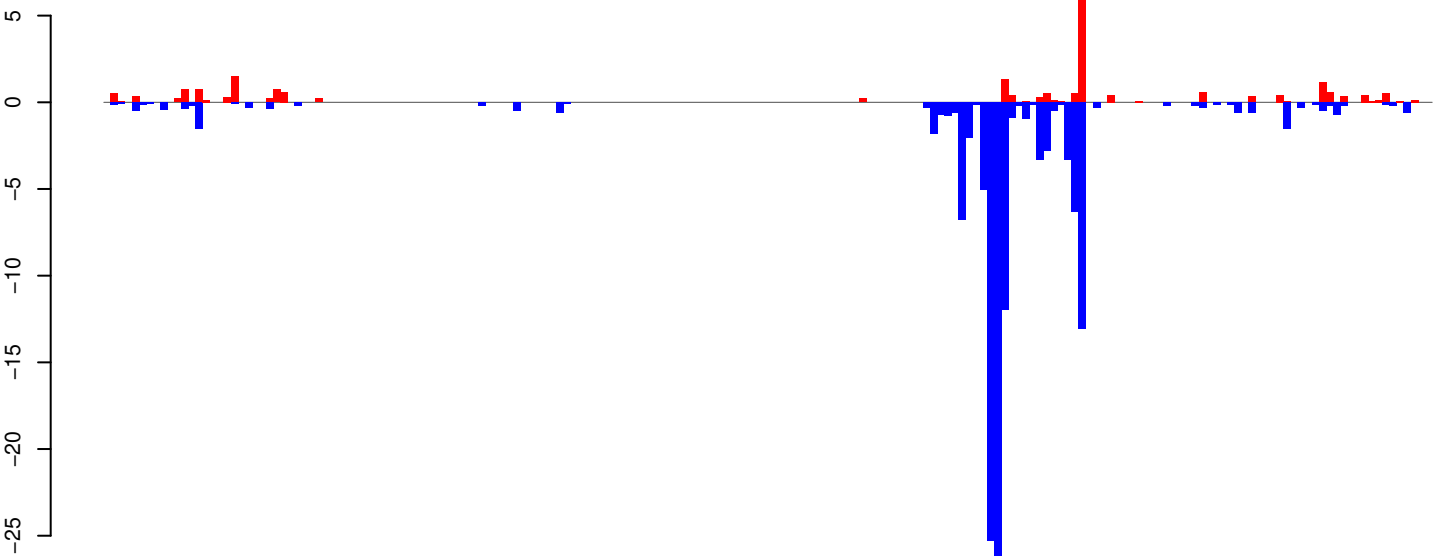
positive=11, negative=11, total=22

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=12, negative=116, total=128

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

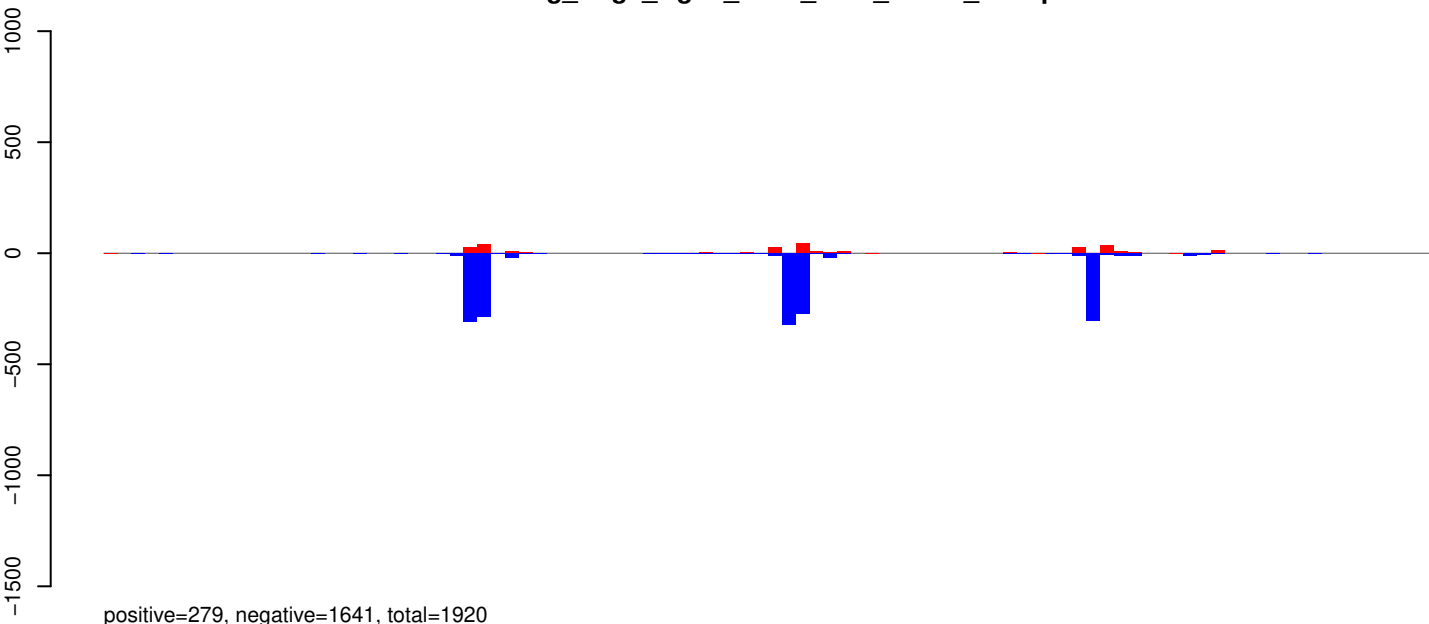


positive=23, negative=127, total=150

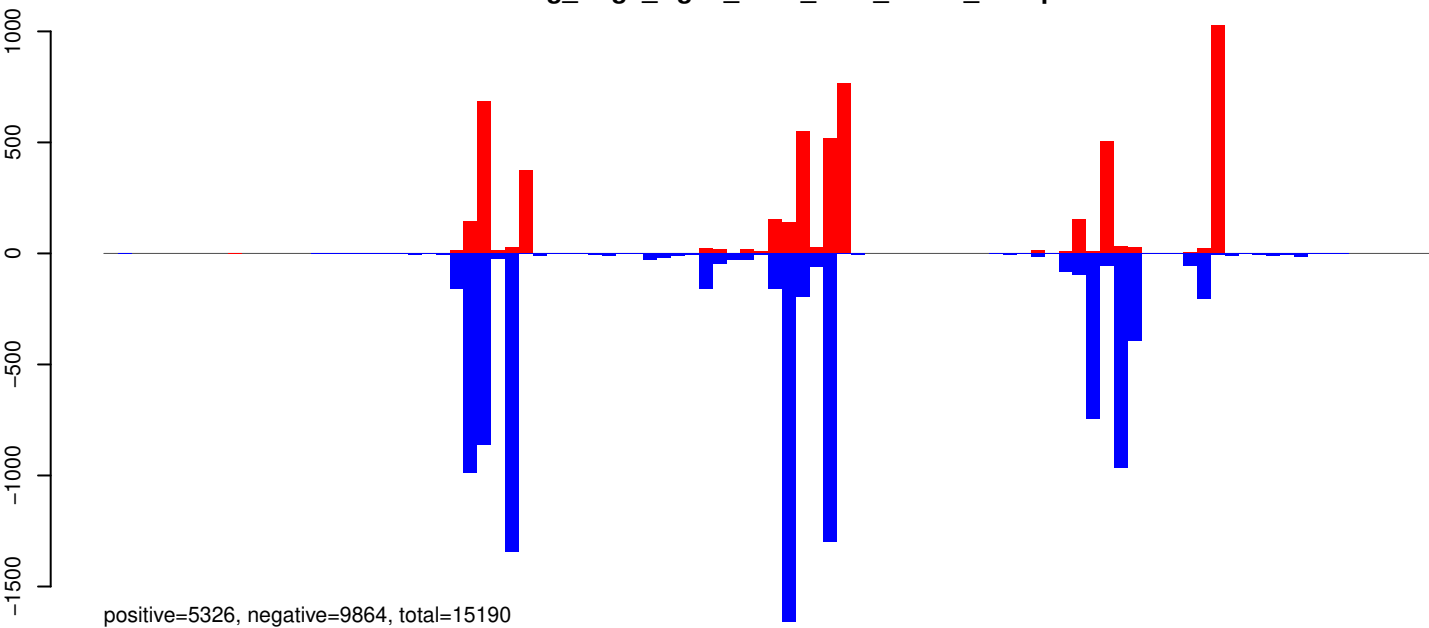
Window size=25, length=4680, TE@Sola2-2\_AAe:1-4680

0 1000 2000 3000 4000

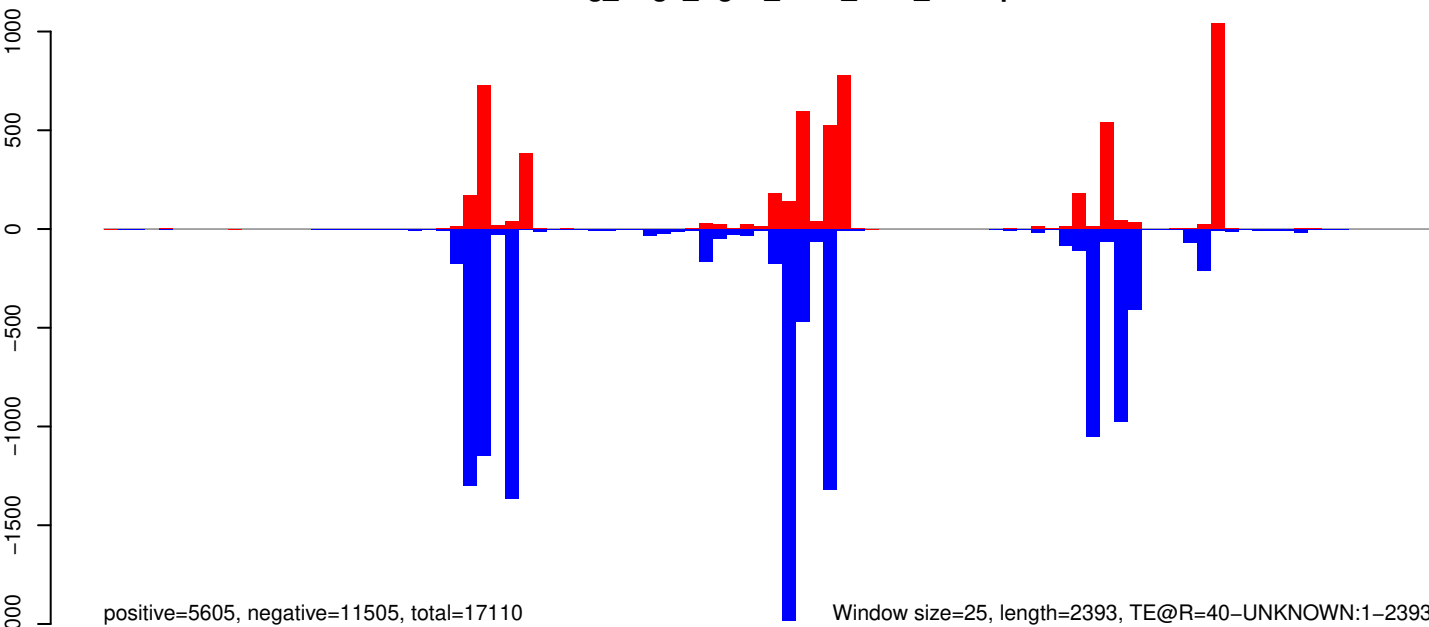
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



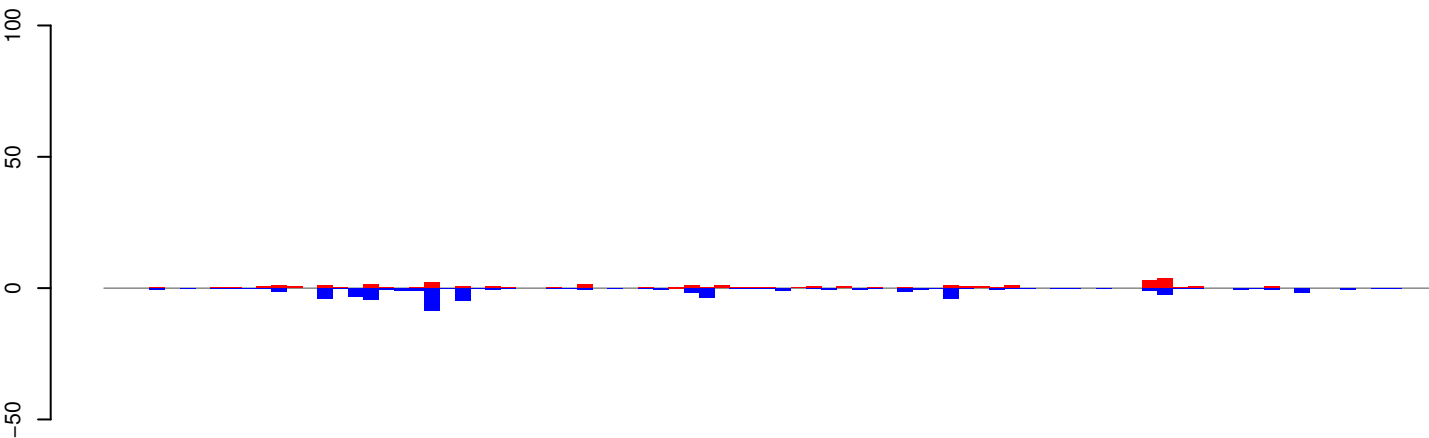
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=2393, TE@R=40-UNKNOWN:1-2393

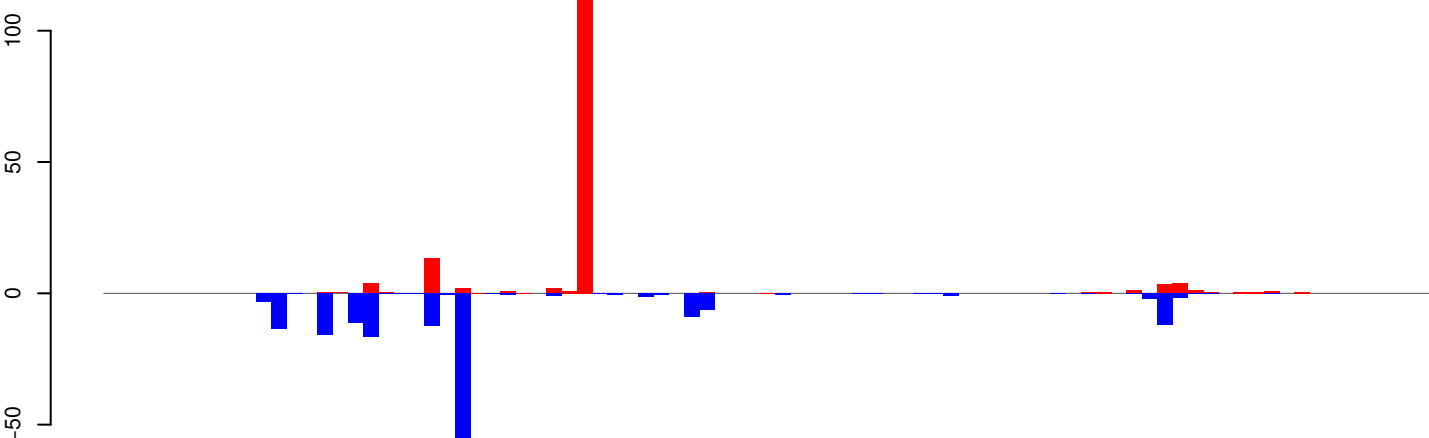
0 500 1000 1500 2000 2500

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



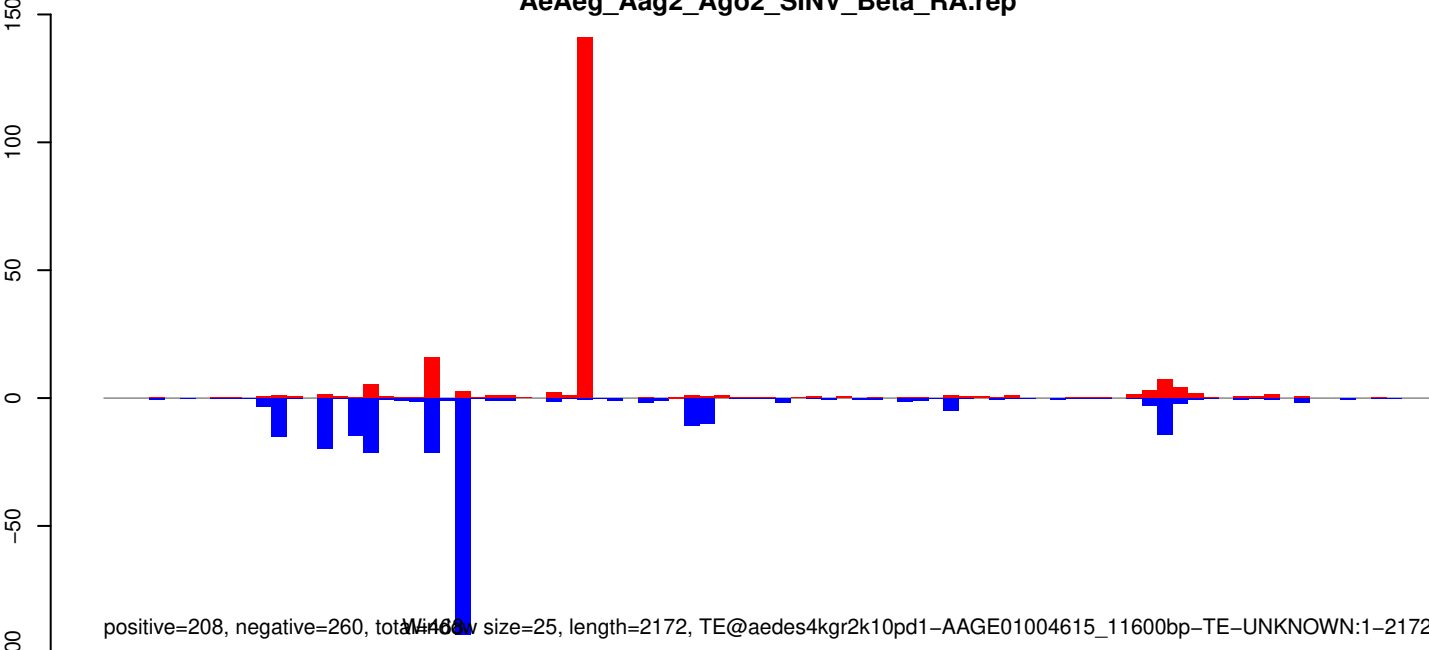
positive=30, negative=58, total=88

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=179, negative=202, total=381

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

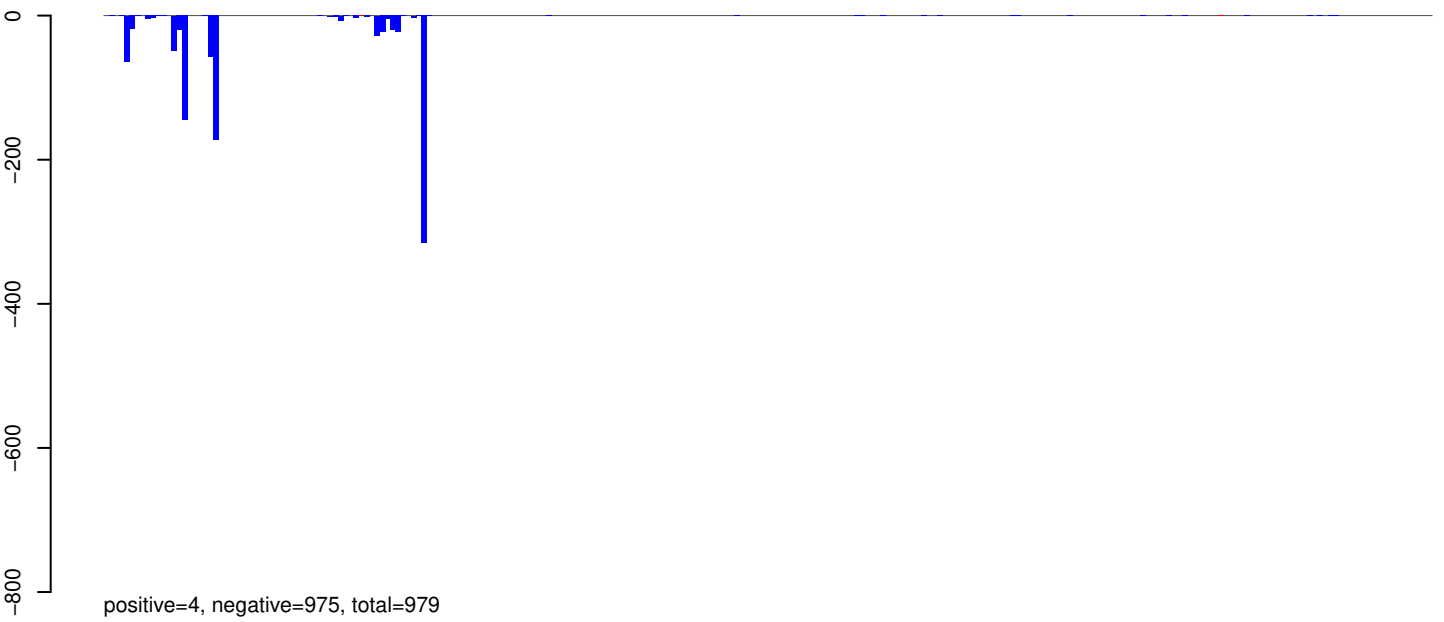


positive=208, negative=260, total=468, window size=25, length=2172, TE@aedes4kgr2k10pd1-AAGE01004615\_11600bp-TE-UNKNOWN:1-2172

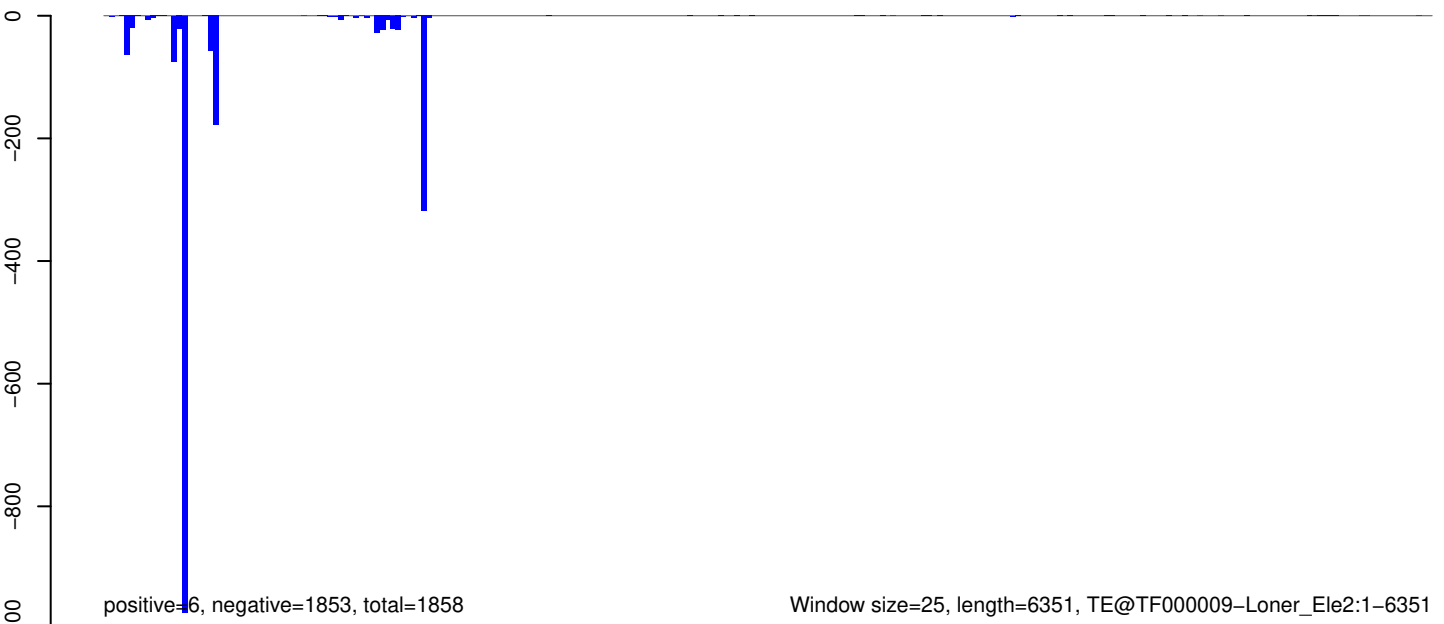
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

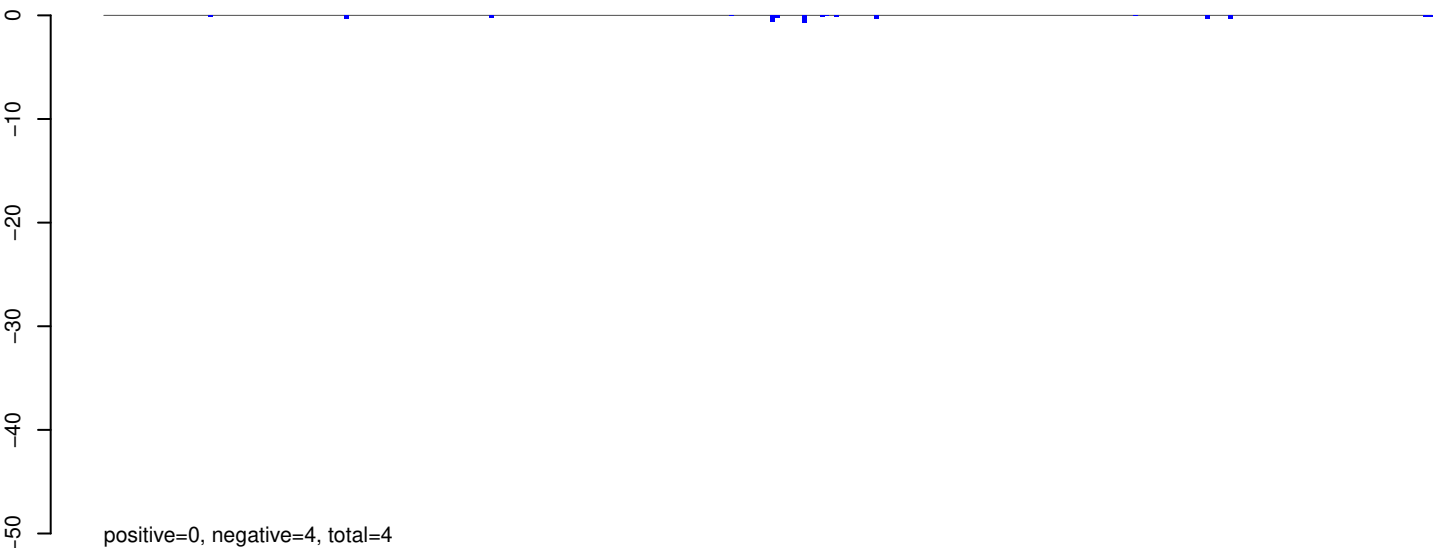


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

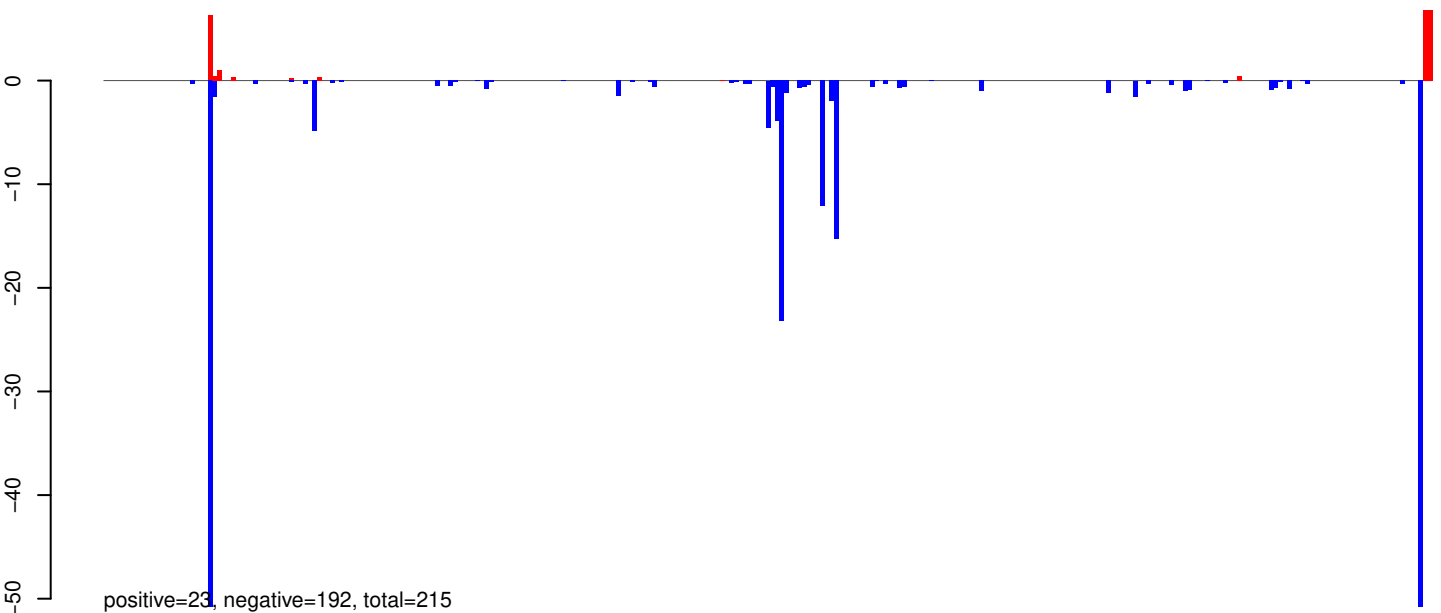




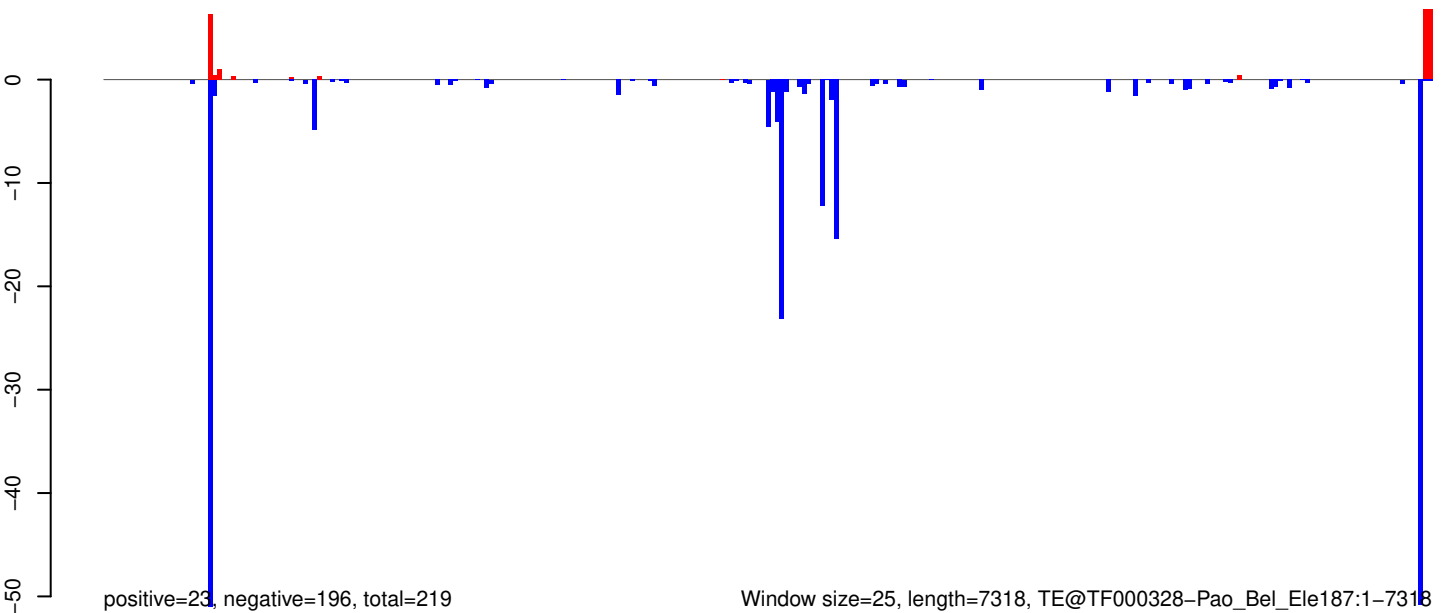
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



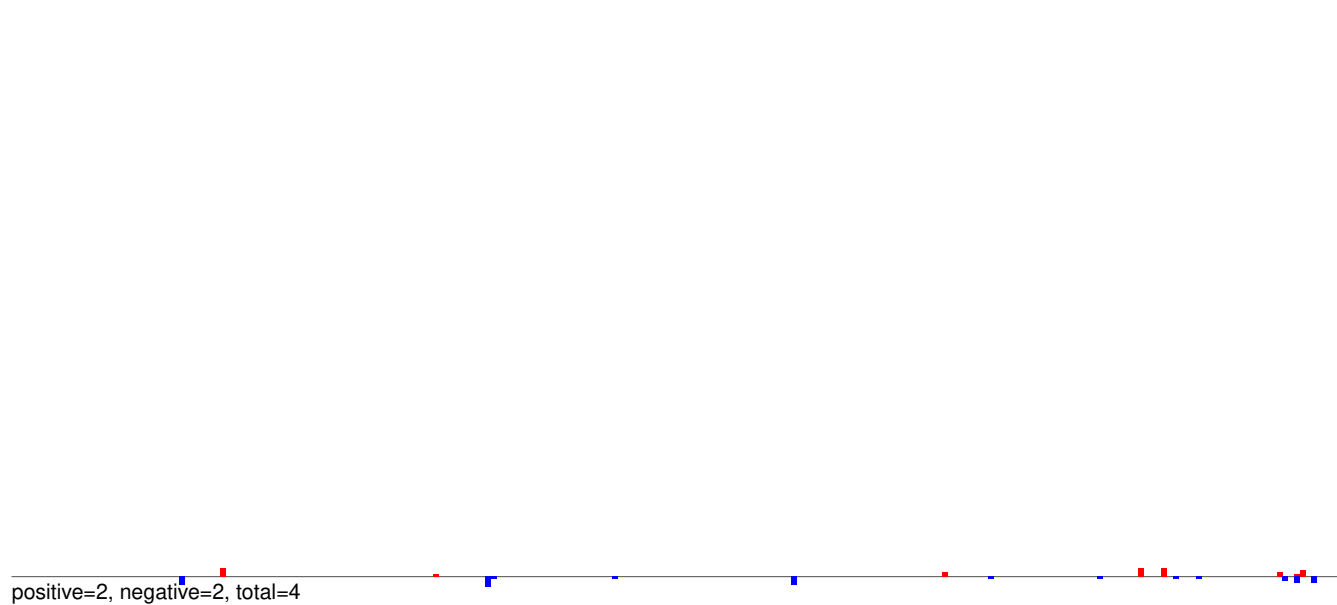
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



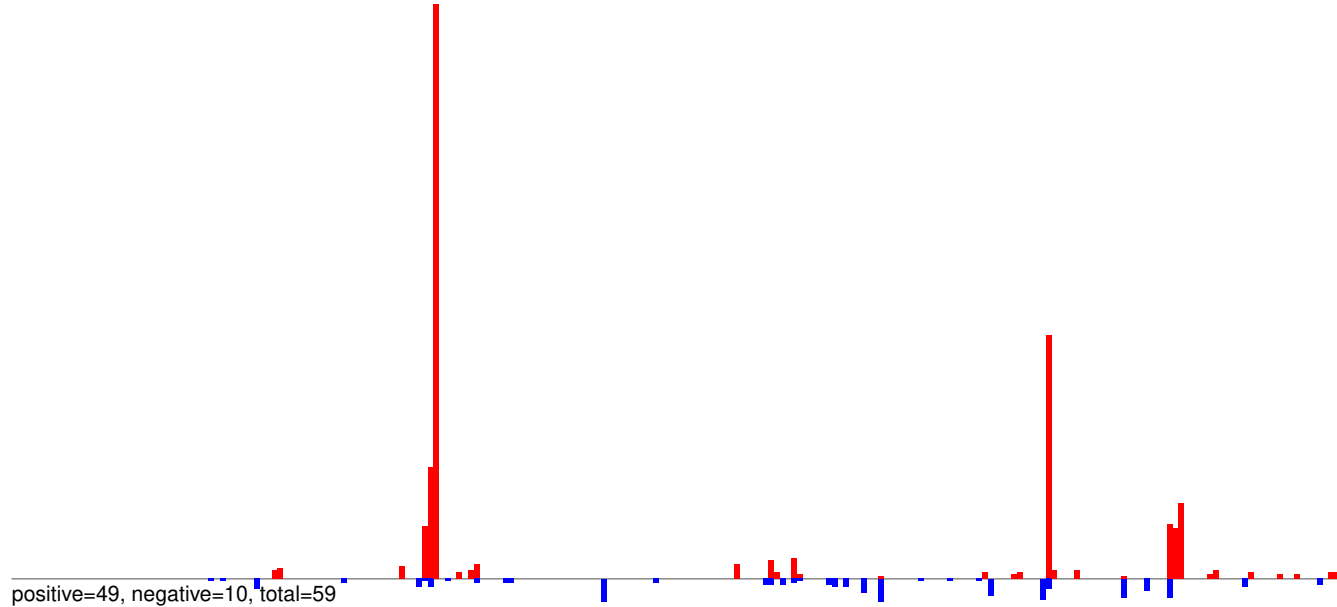
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



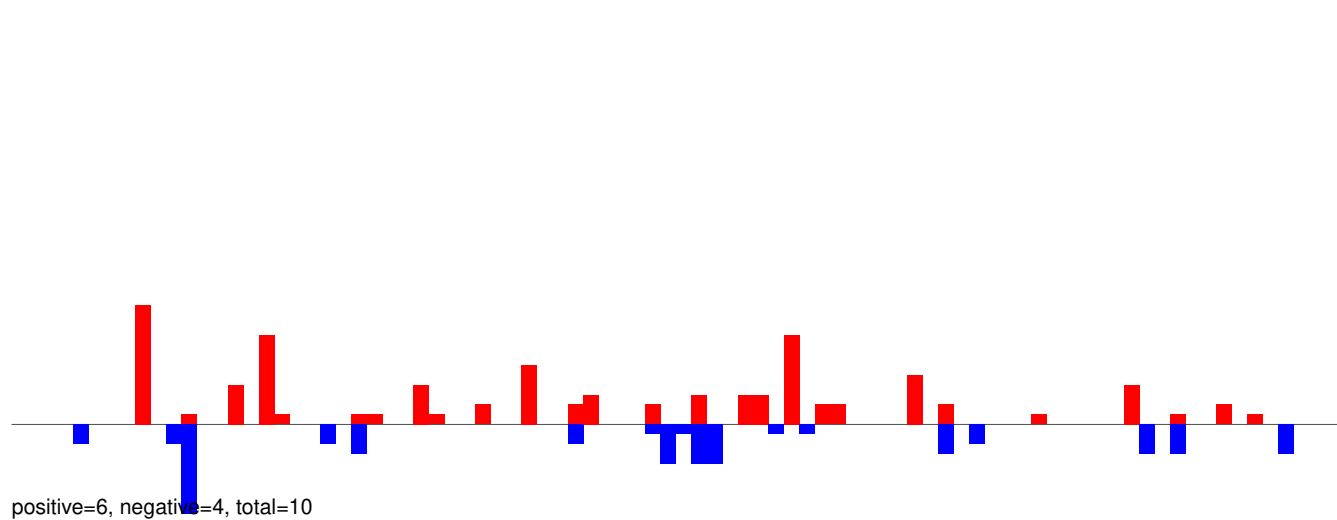
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



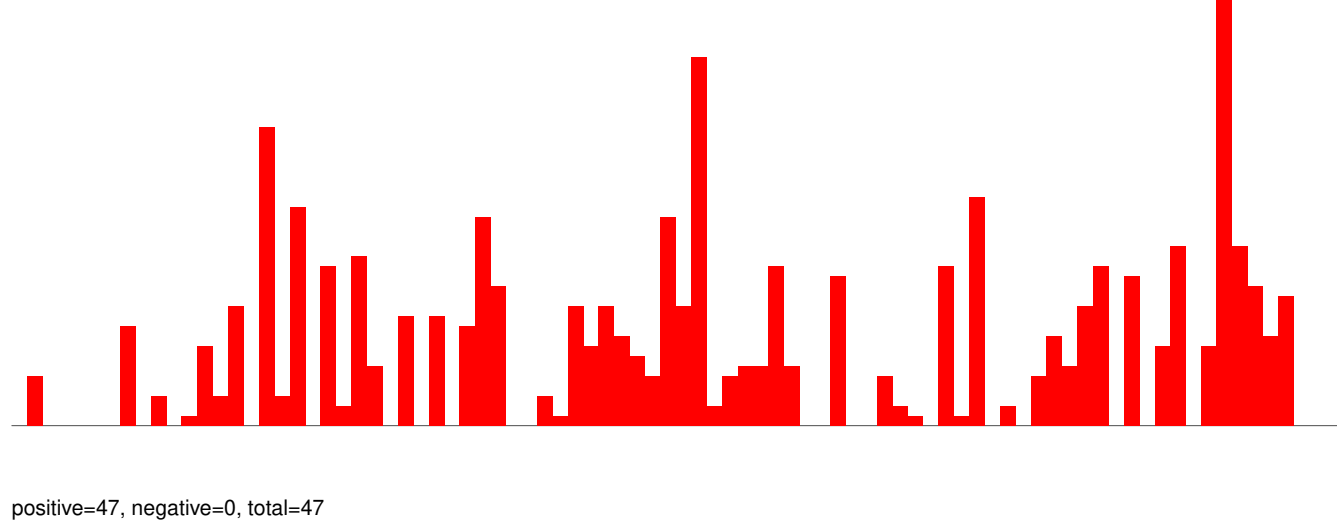
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



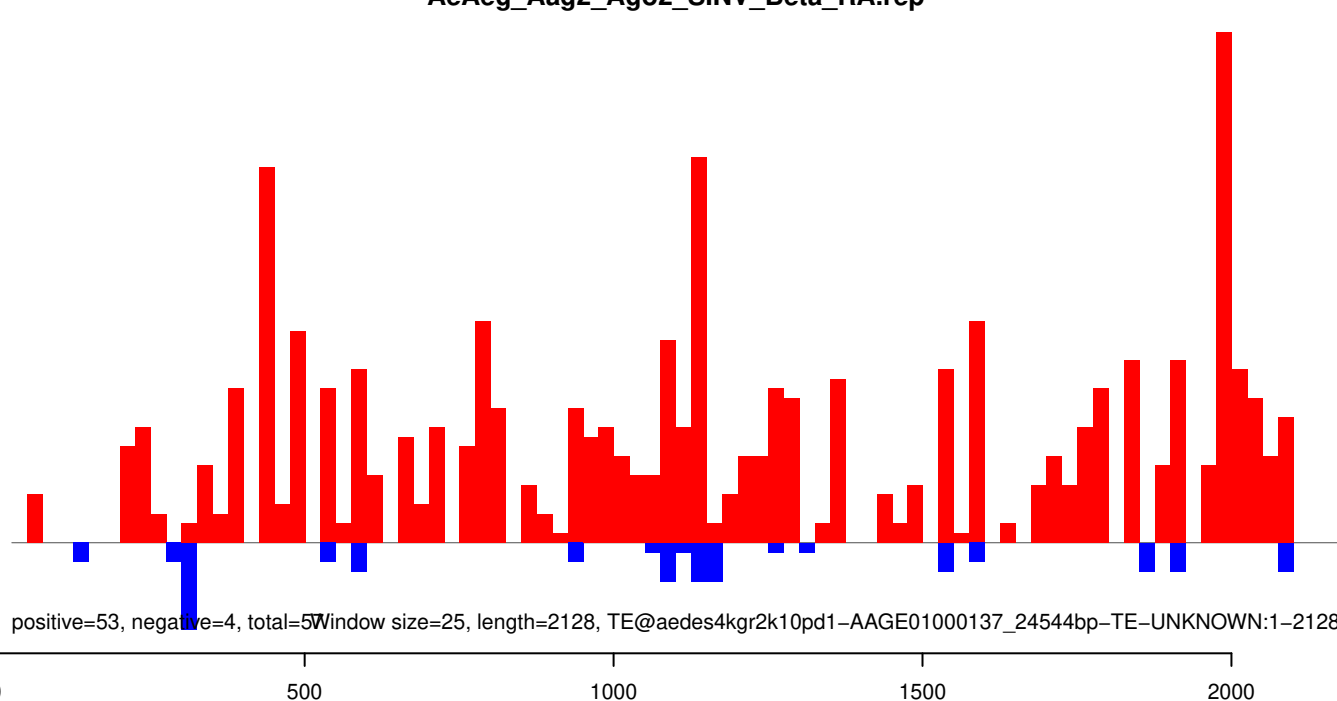
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



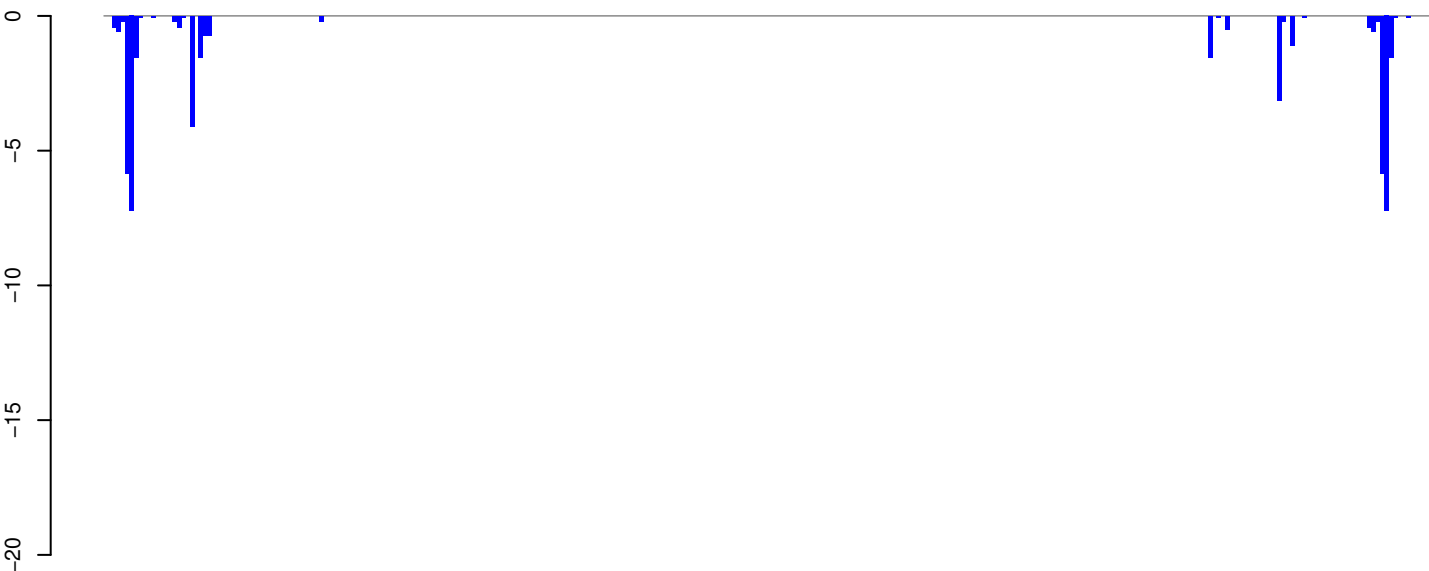
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

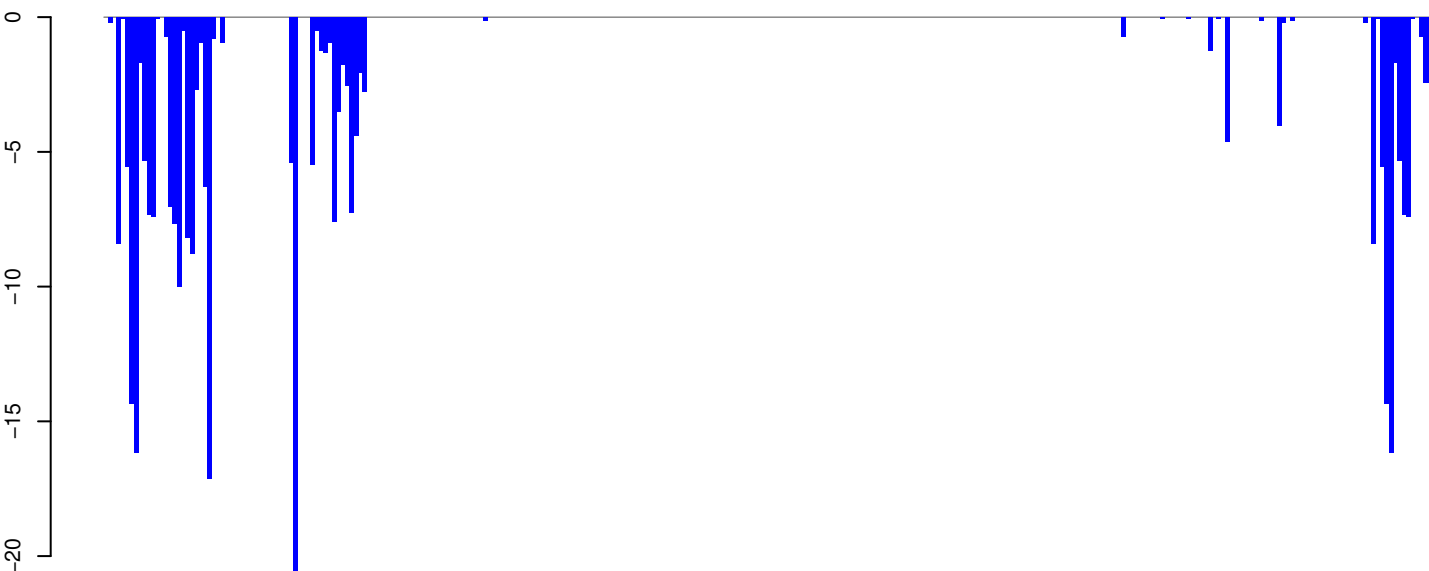


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=0, negative=47, total=47

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=291, total=291

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

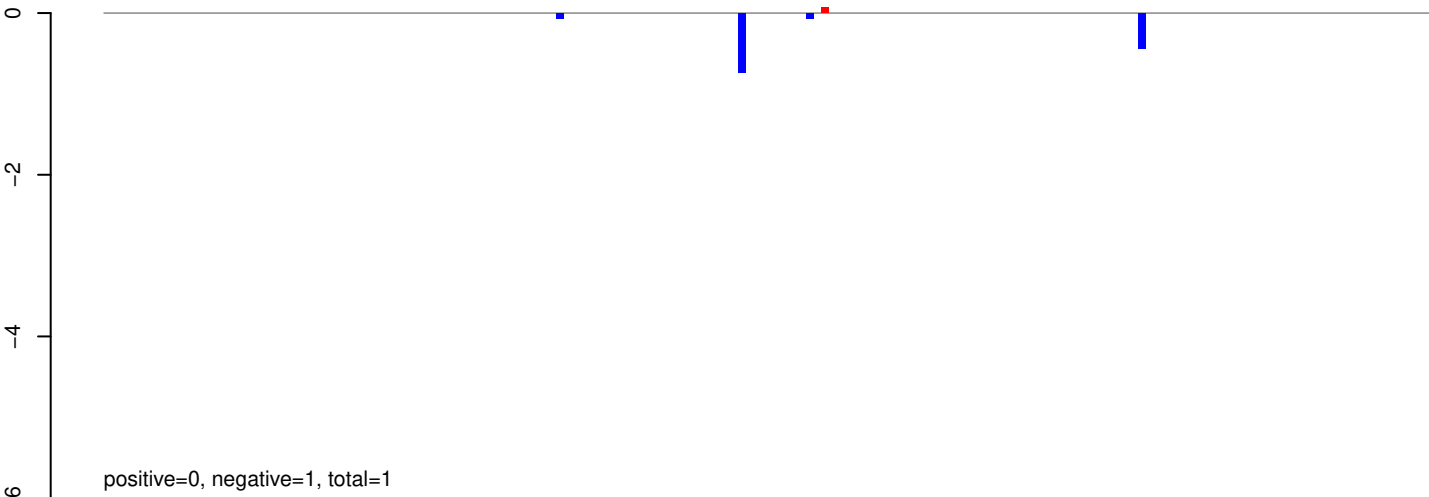


positive=0, negative=338, total=338

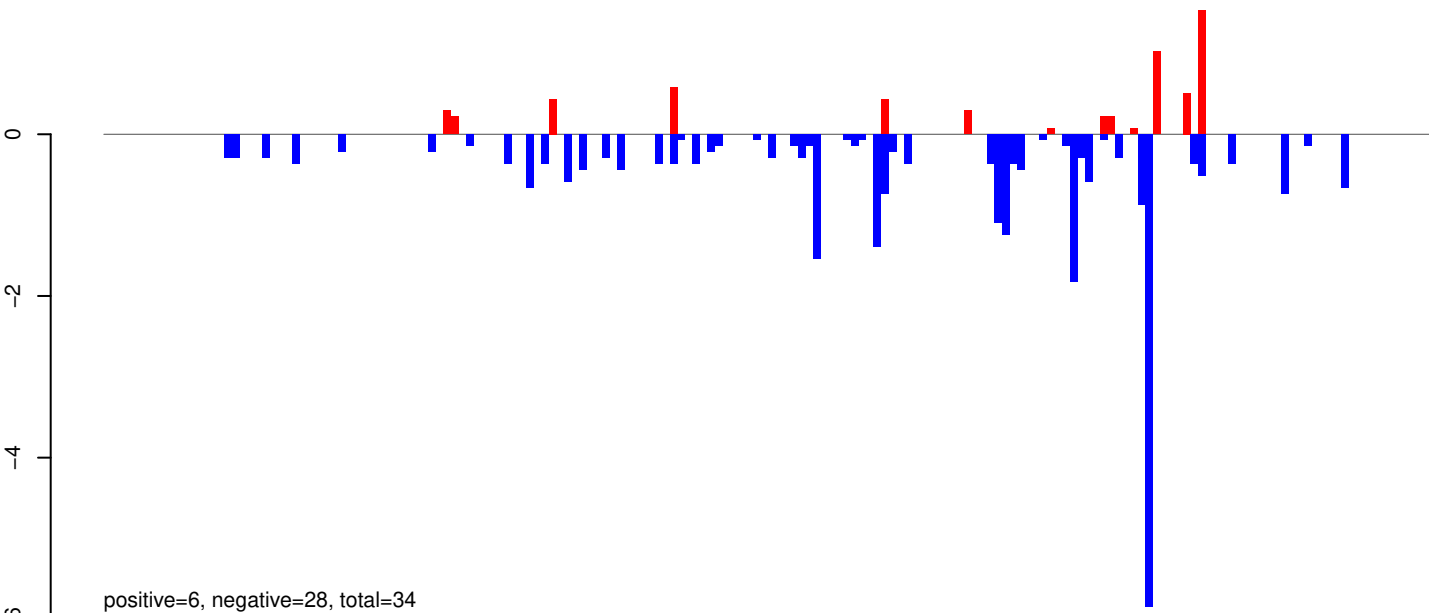
Window size=25, length=7683, TE@TF000475-Ty3\_gypsy\_Ele131:1-7683

0 2000 4000 6000 8000

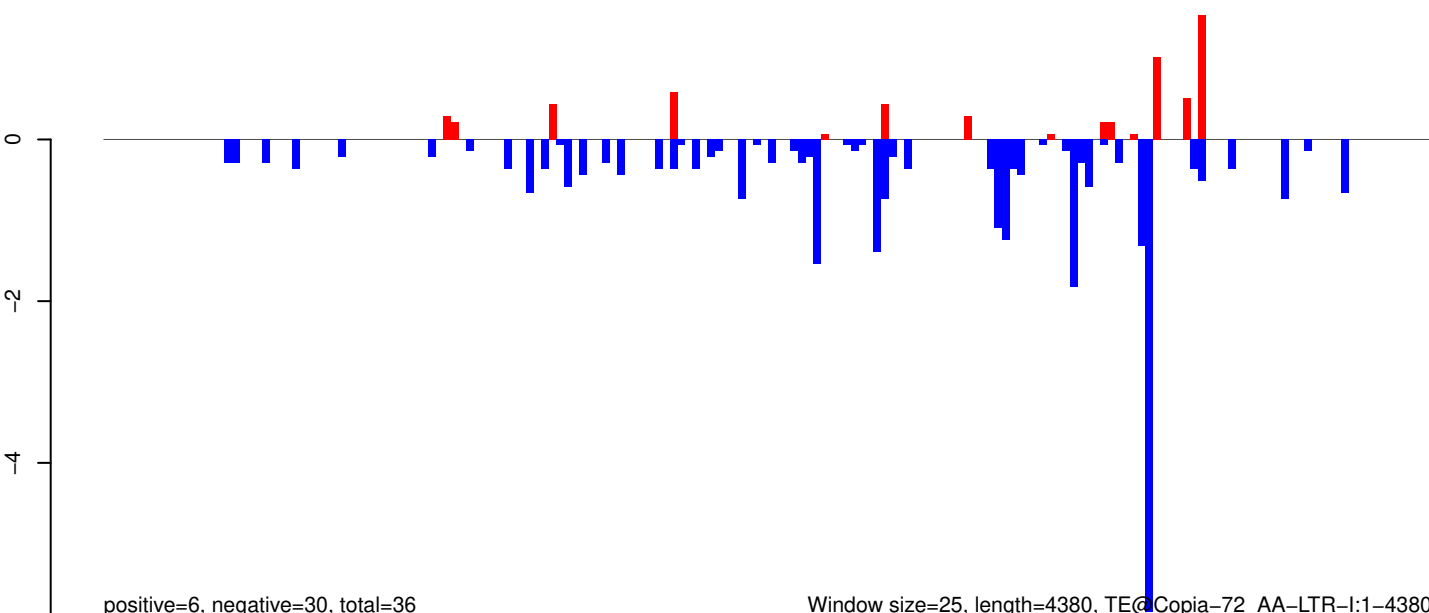
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

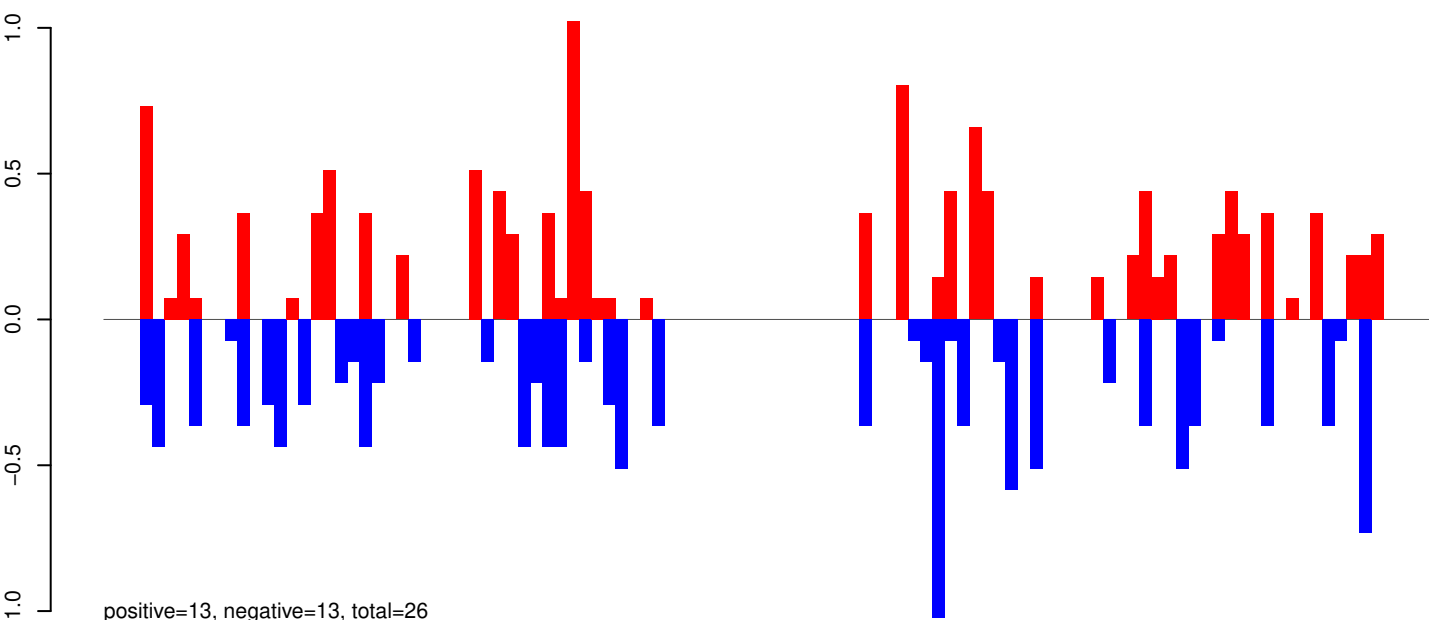


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

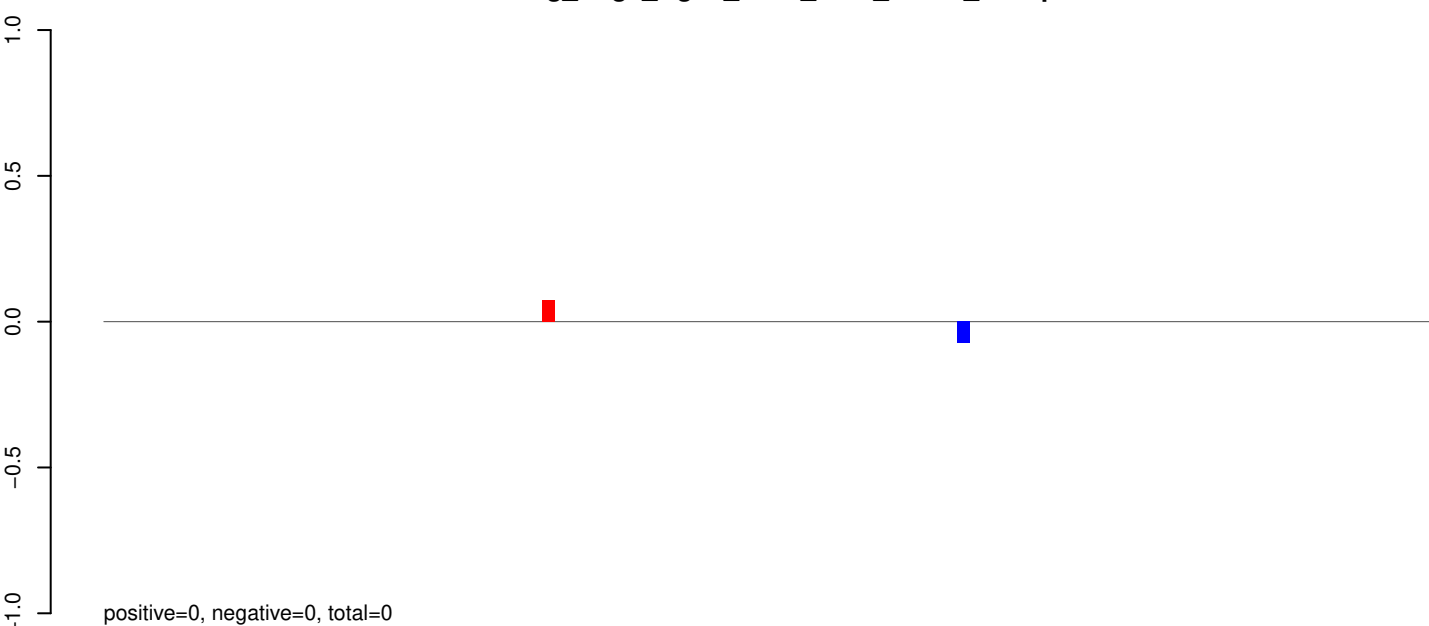


Window size=25, length=4380, TE@Copia-72\_AA-LTR-I:1-4380

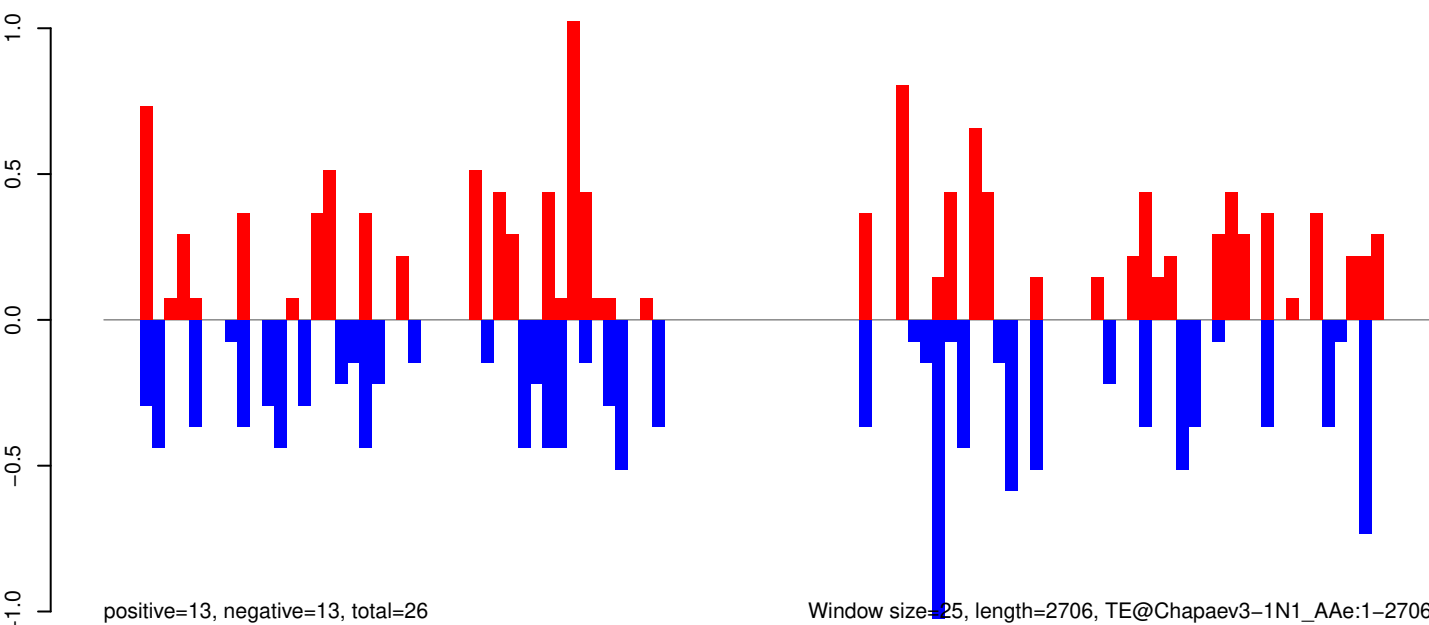
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

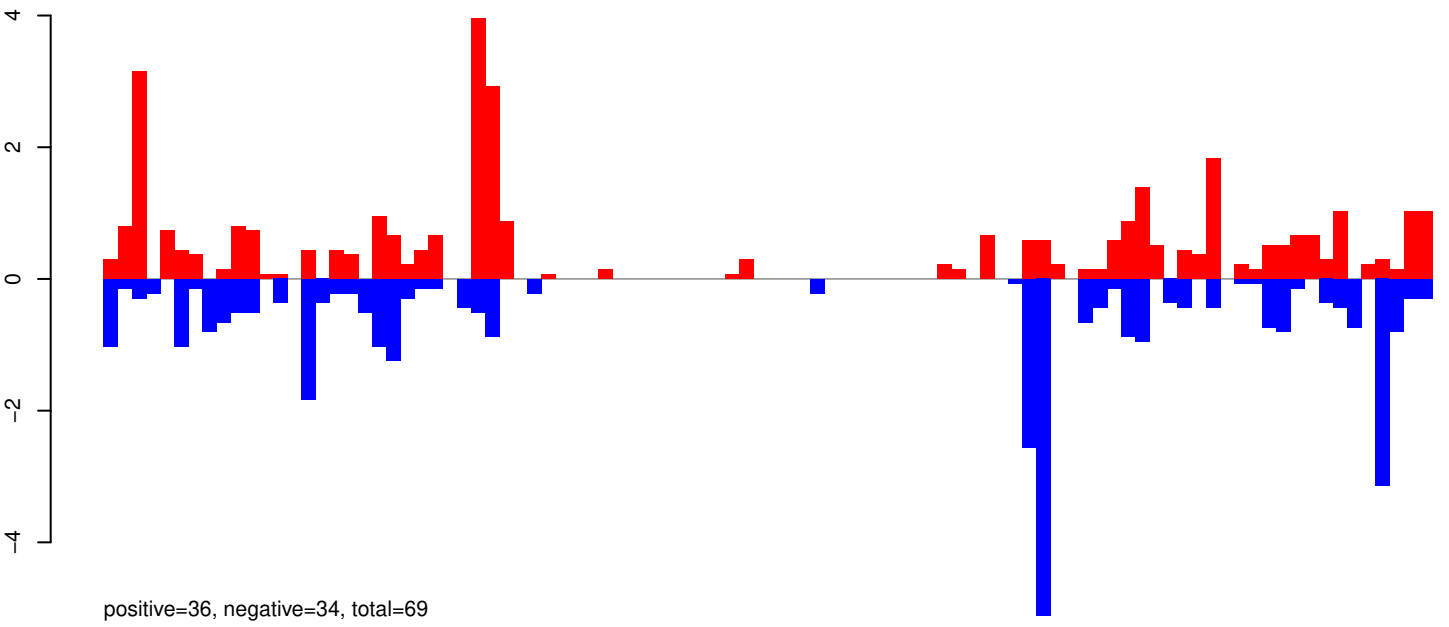


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

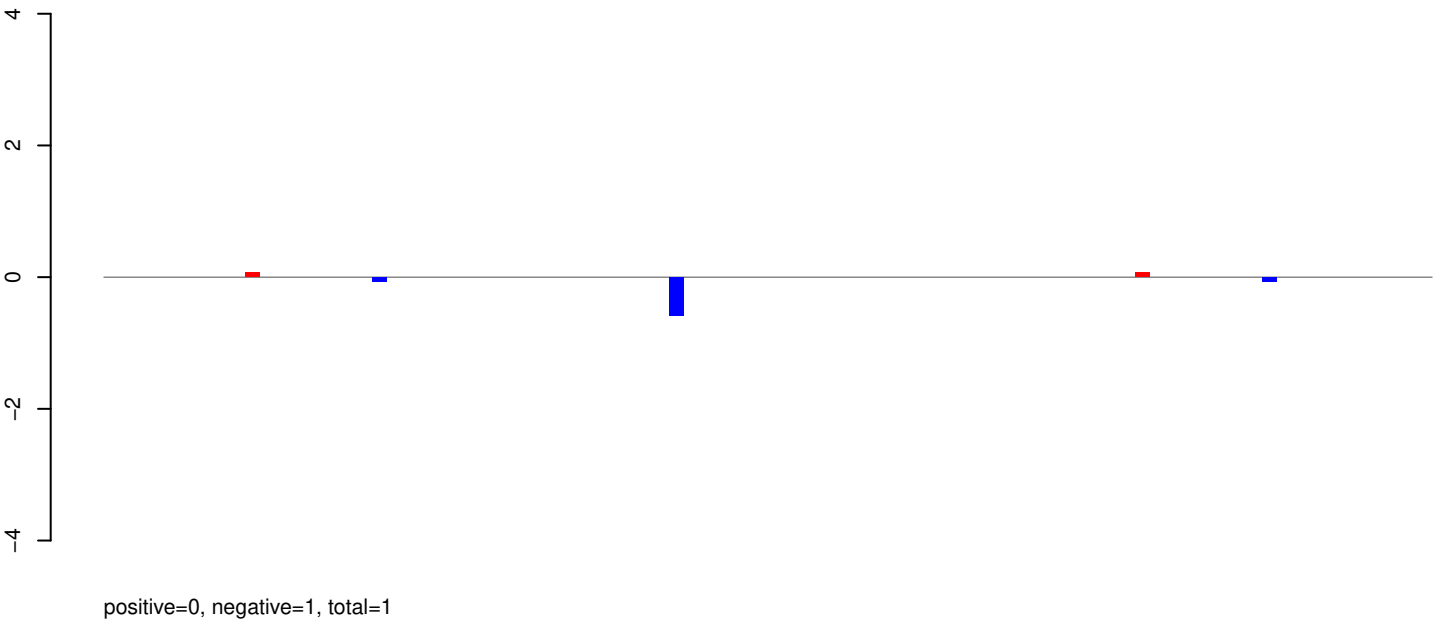


Window size=25, length=2706, TE@Chapaev3-1N1\_A Ae:1-2706

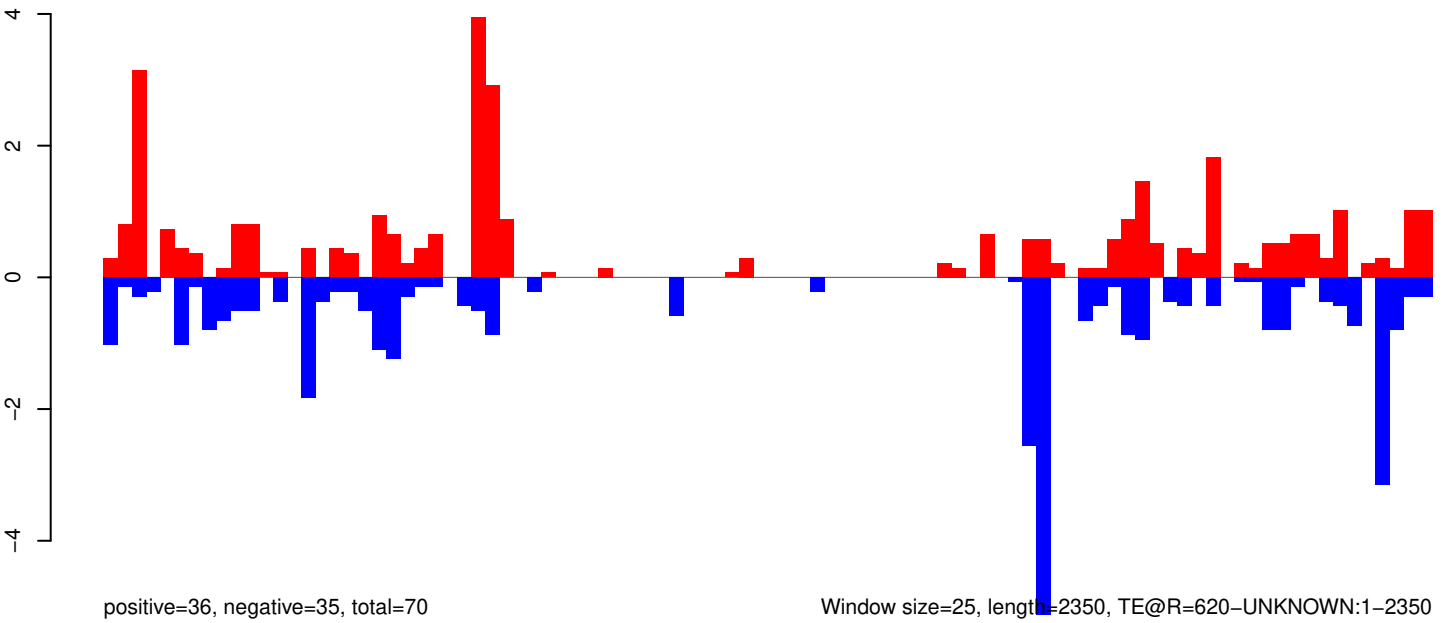
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



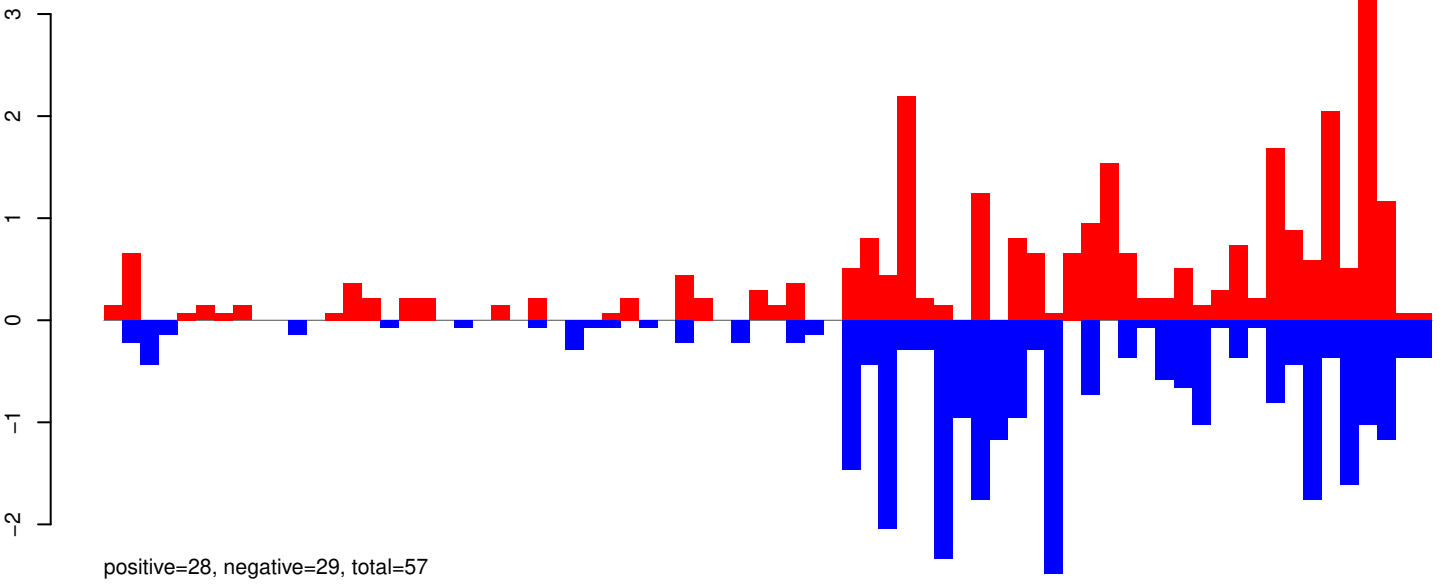
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



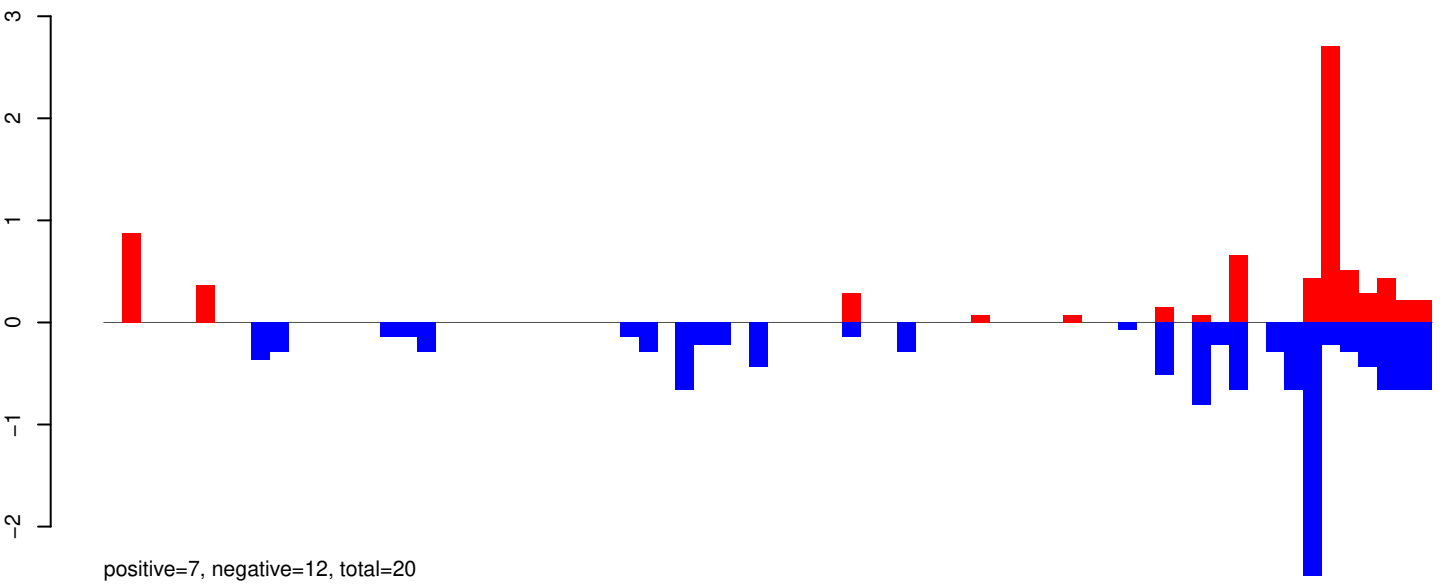
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



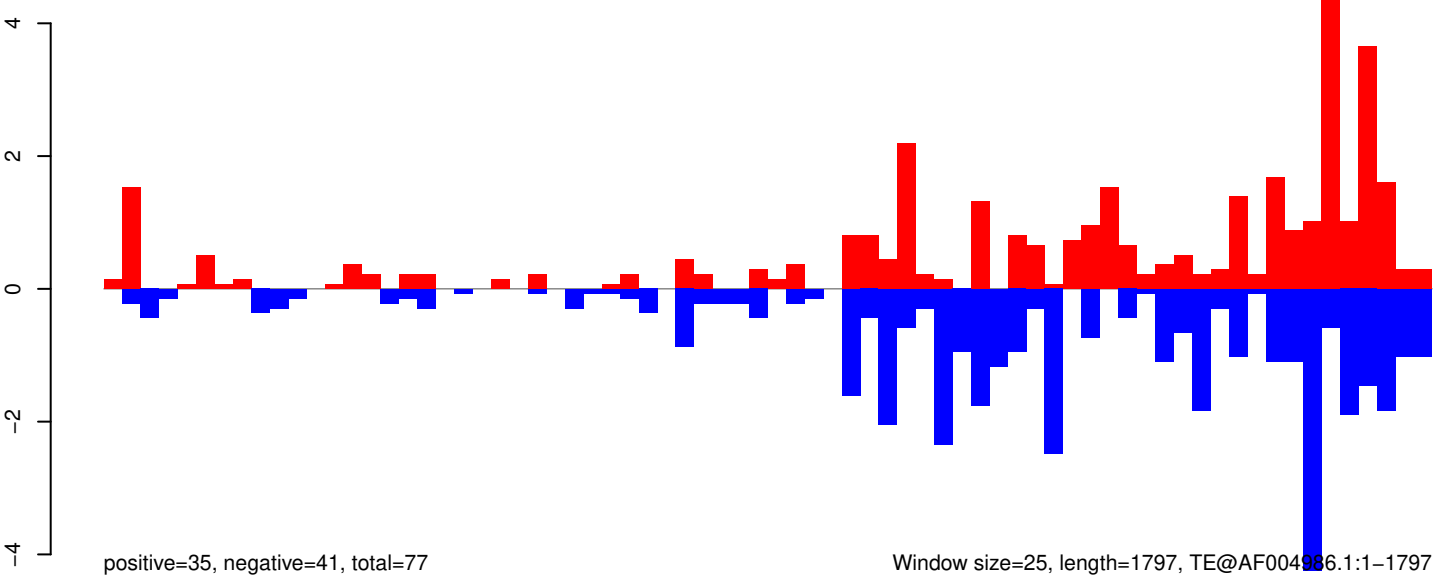
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



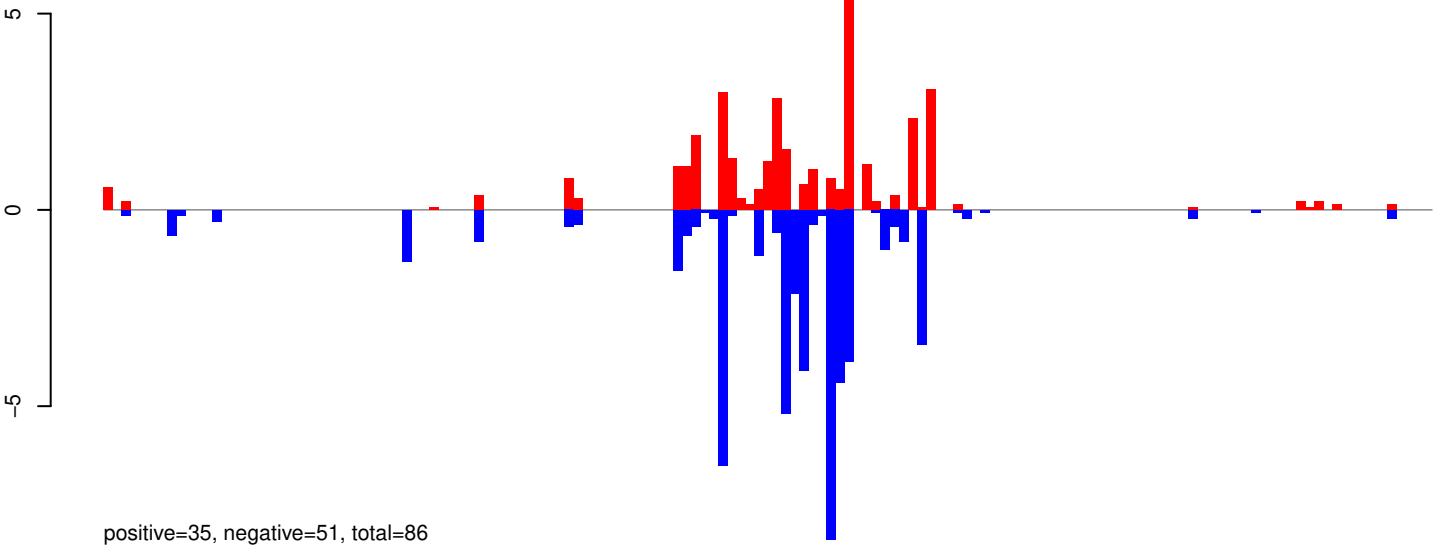
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



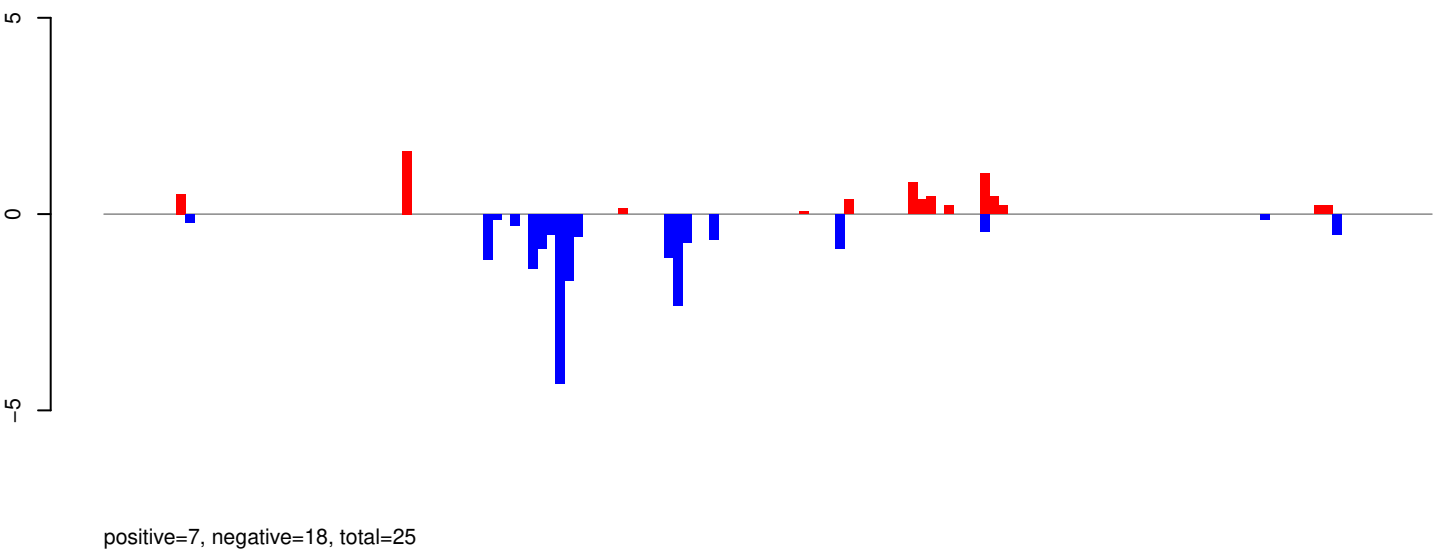
Window size=25, length=1797, TE@AF004986.1:1-1797



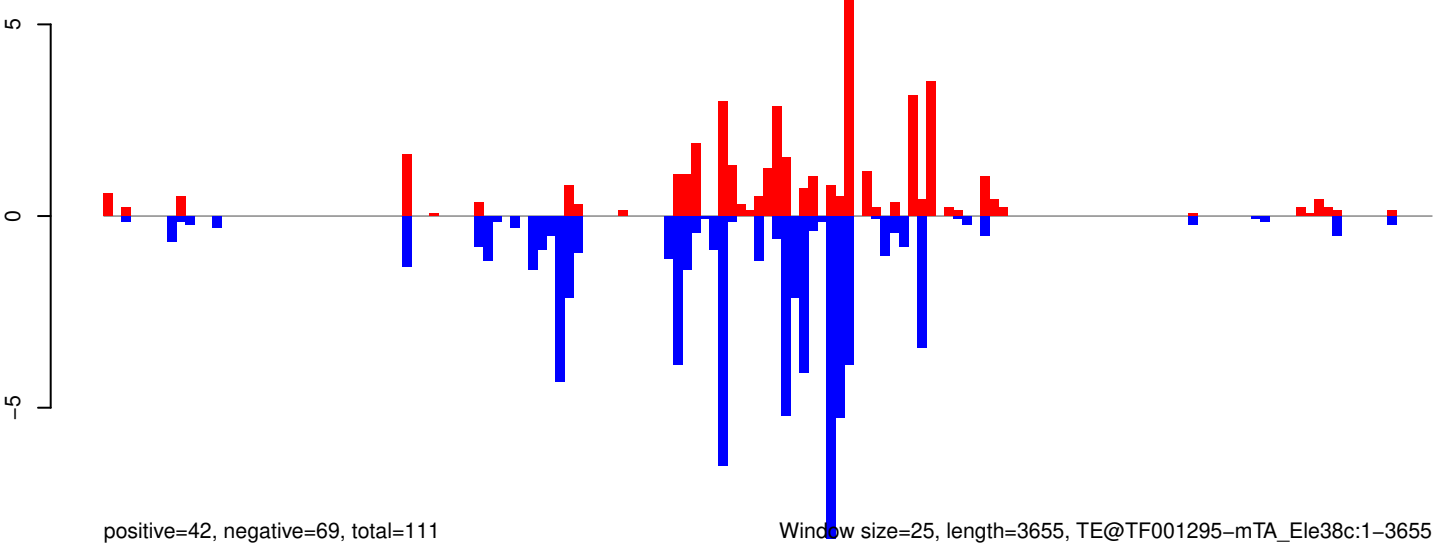
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



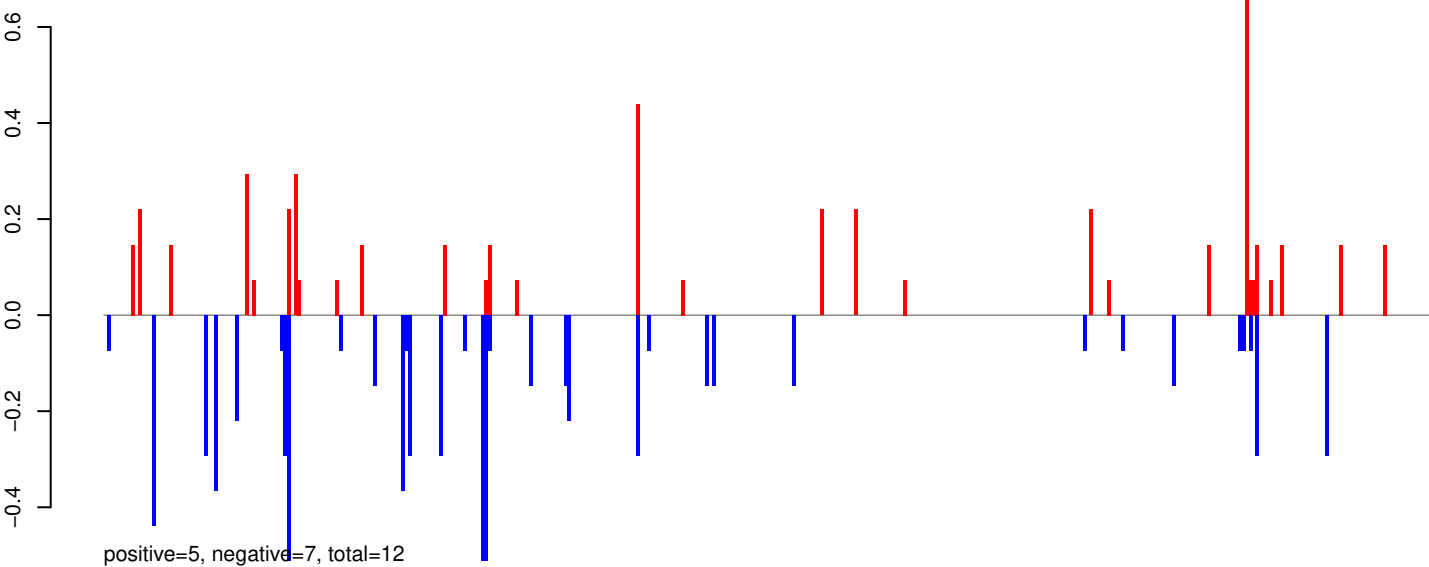
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



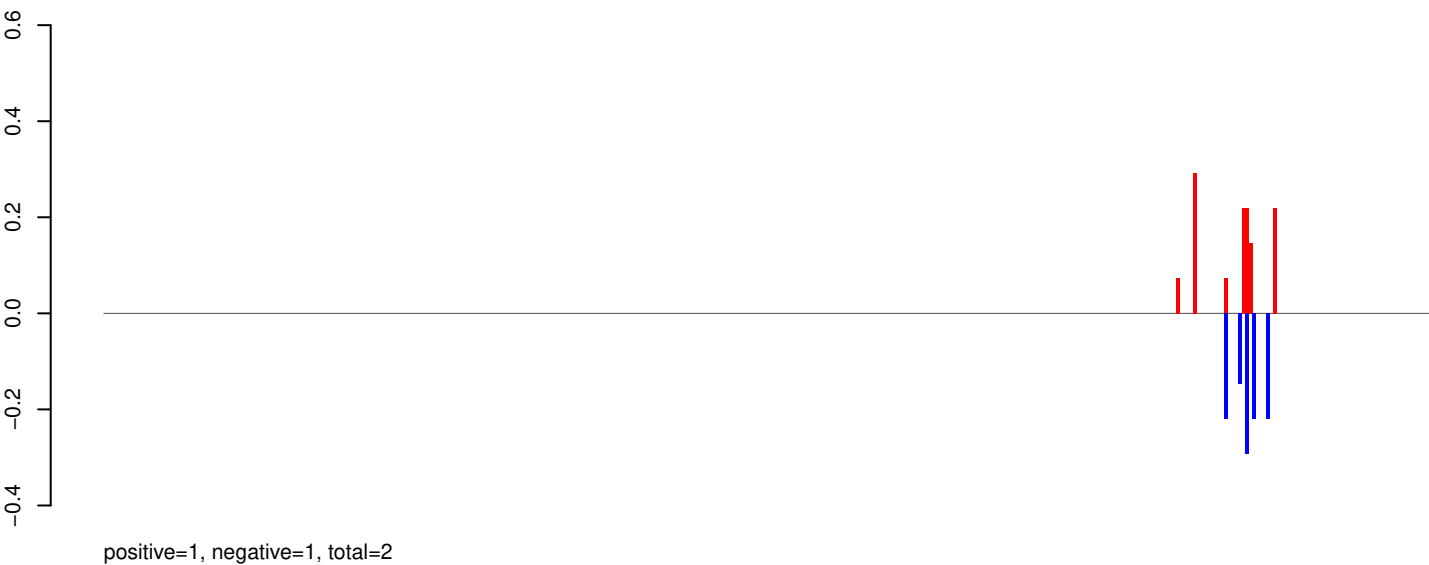
Window size=25, length=3655, TE@TF001295-mTA\_Ele38c:1-3655

0 1000 2000 3000

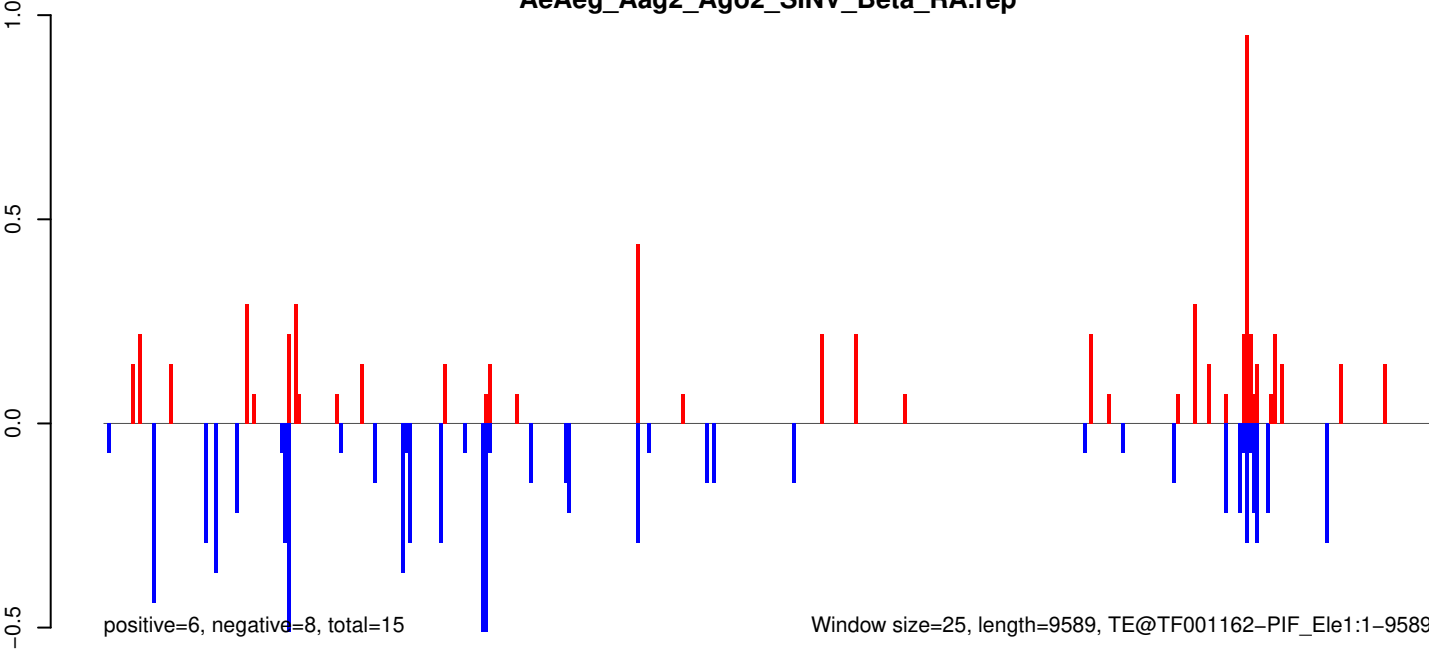
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



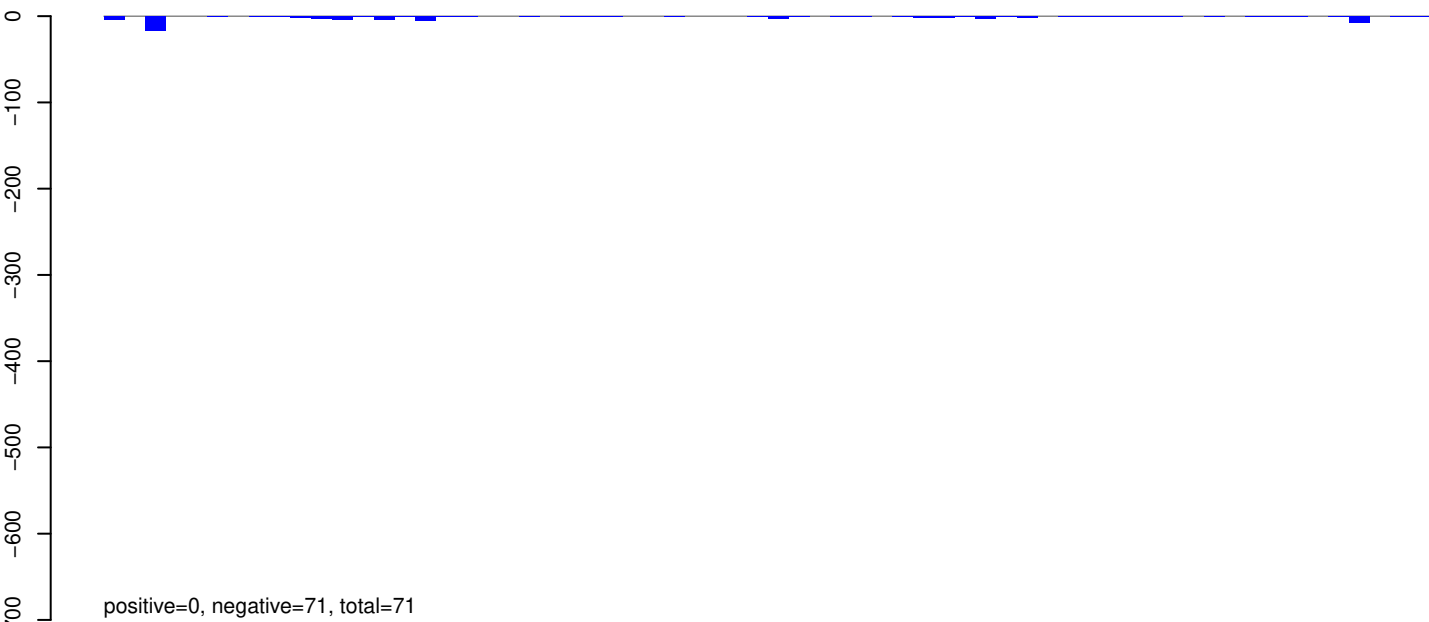
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



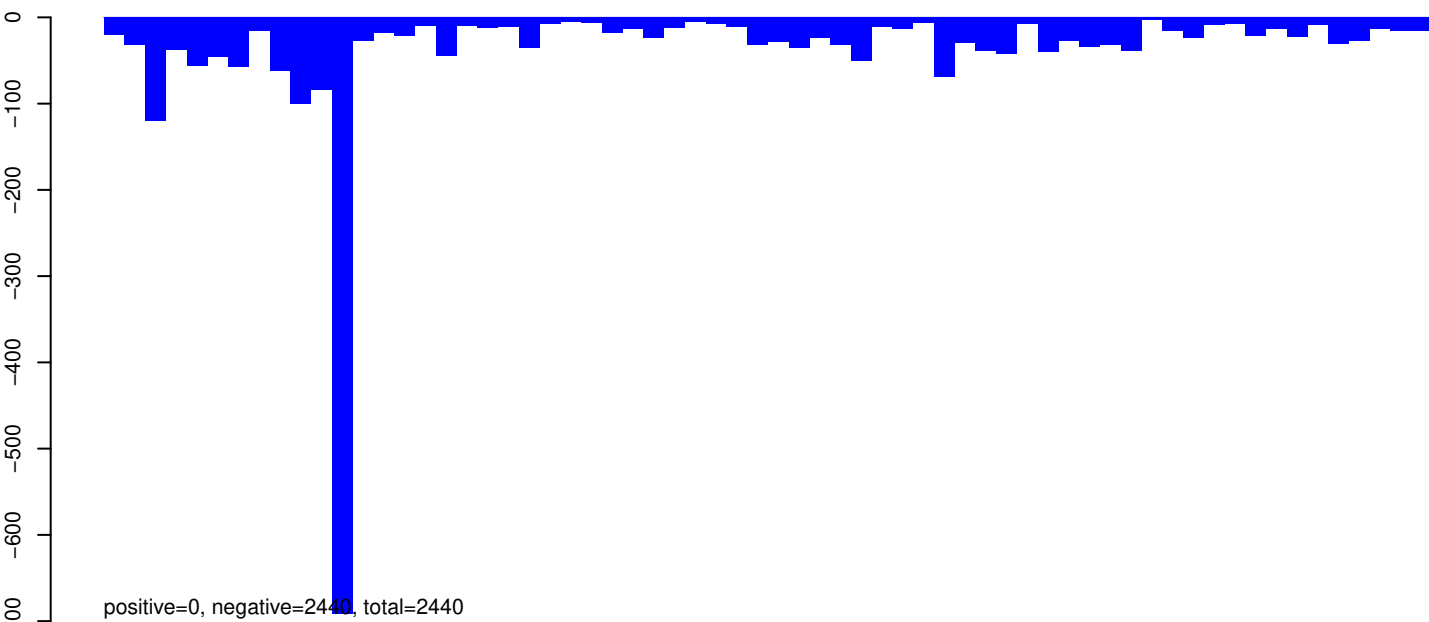
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



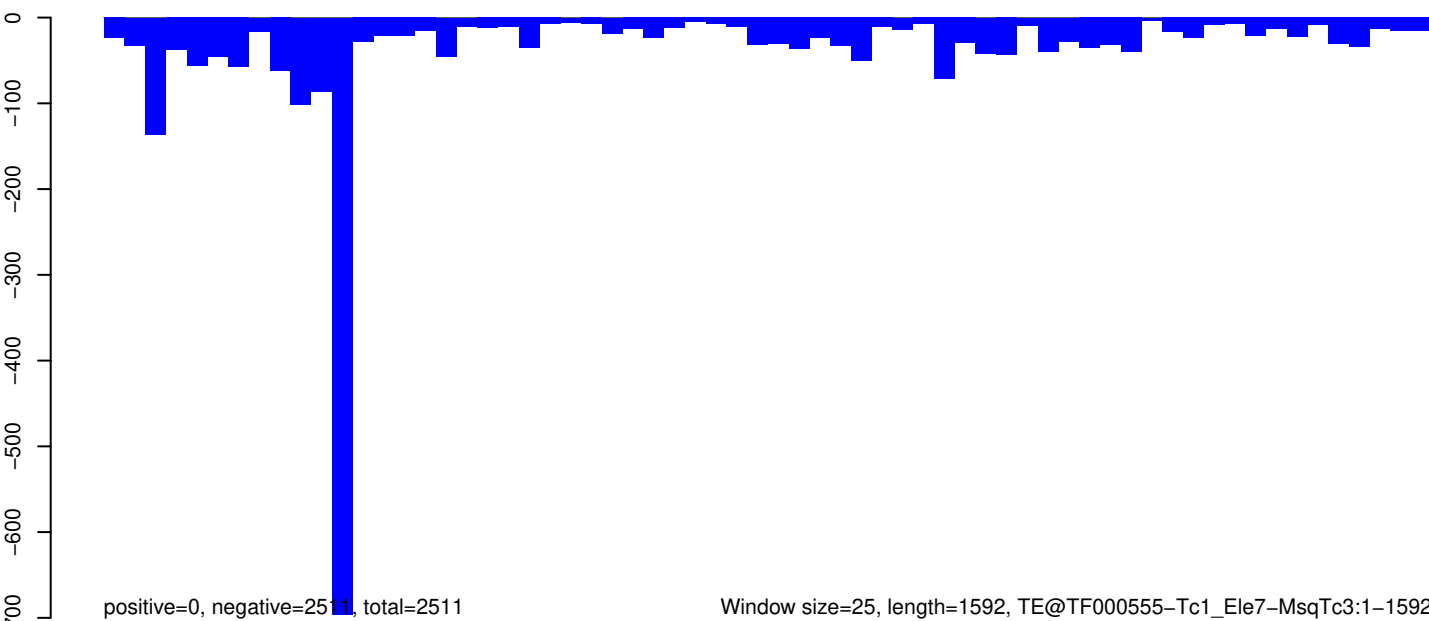
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

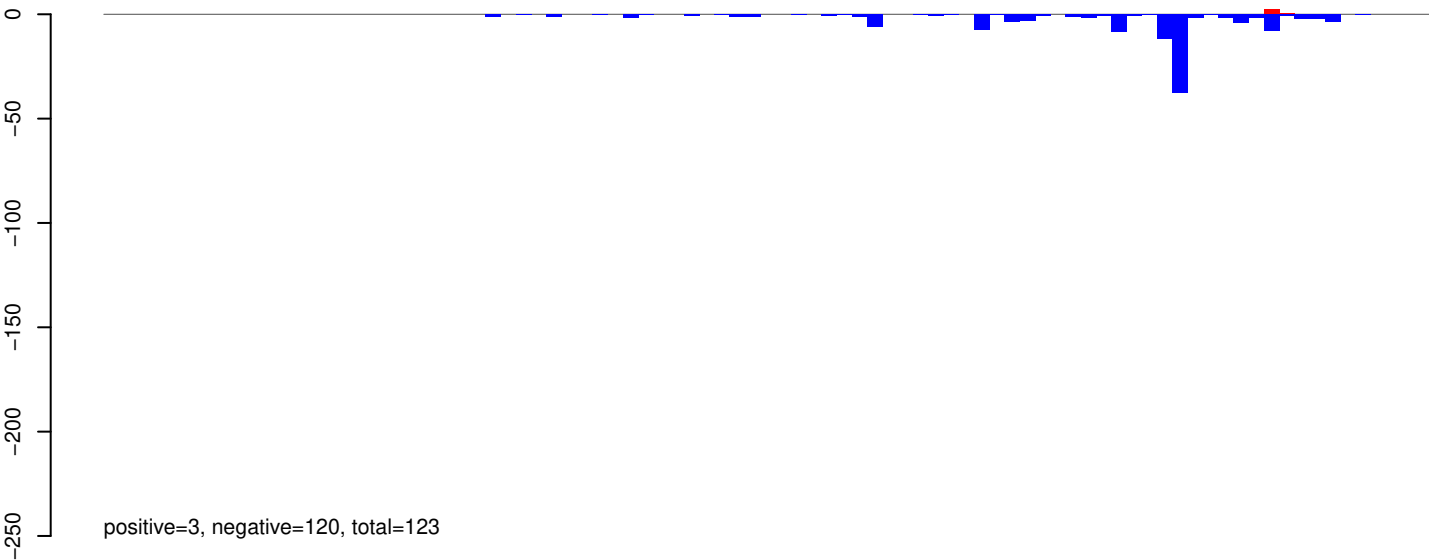


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

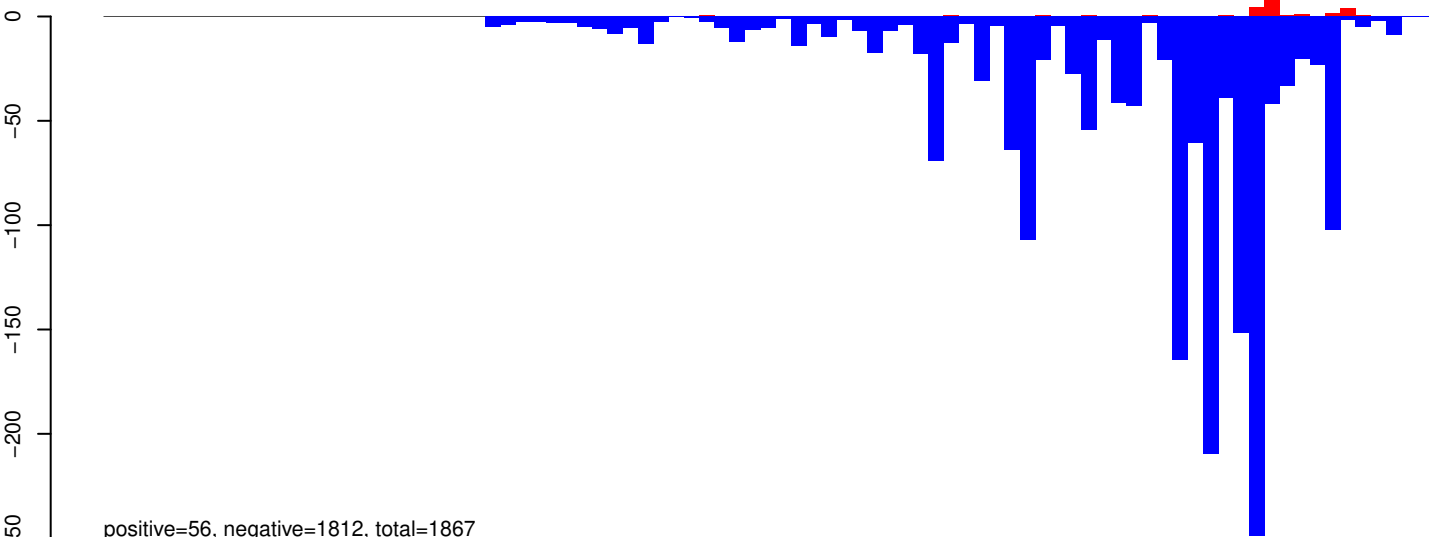


Window size=25, length=1592, TE@TF000555-Tc1\_Ele7-MsqTc3:1-1592

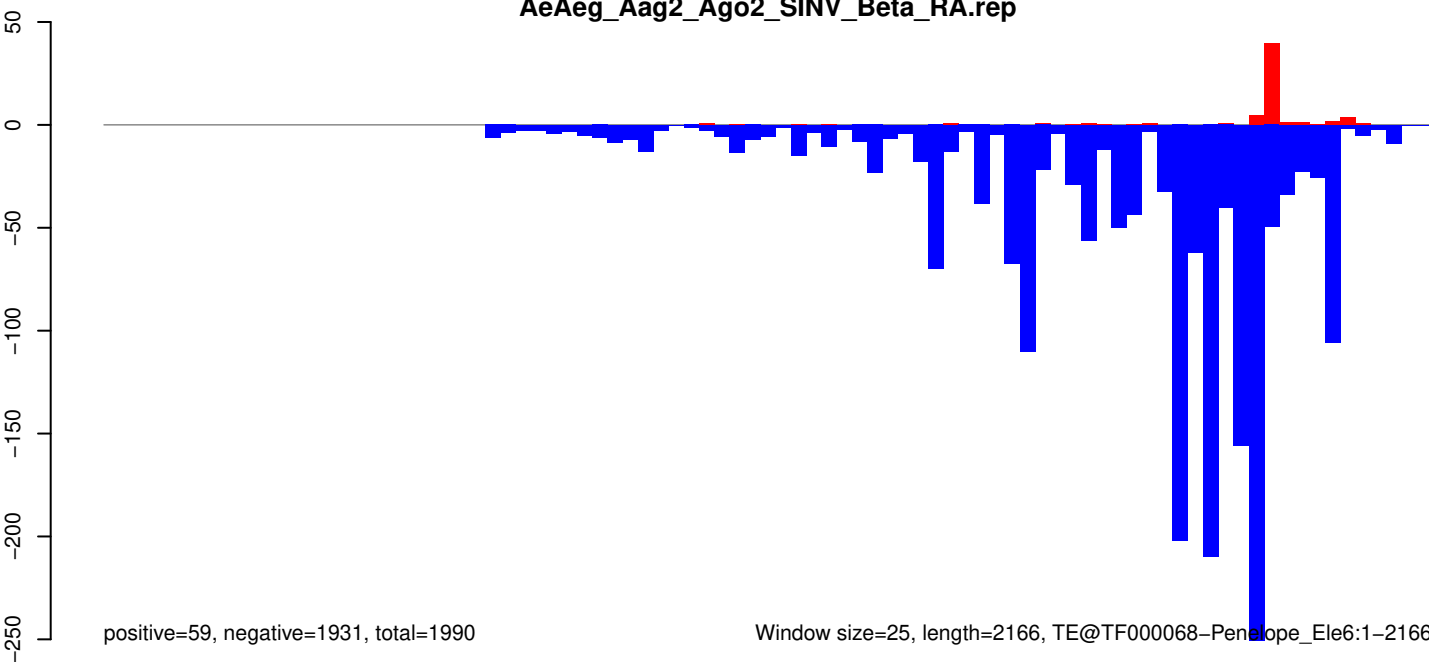
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



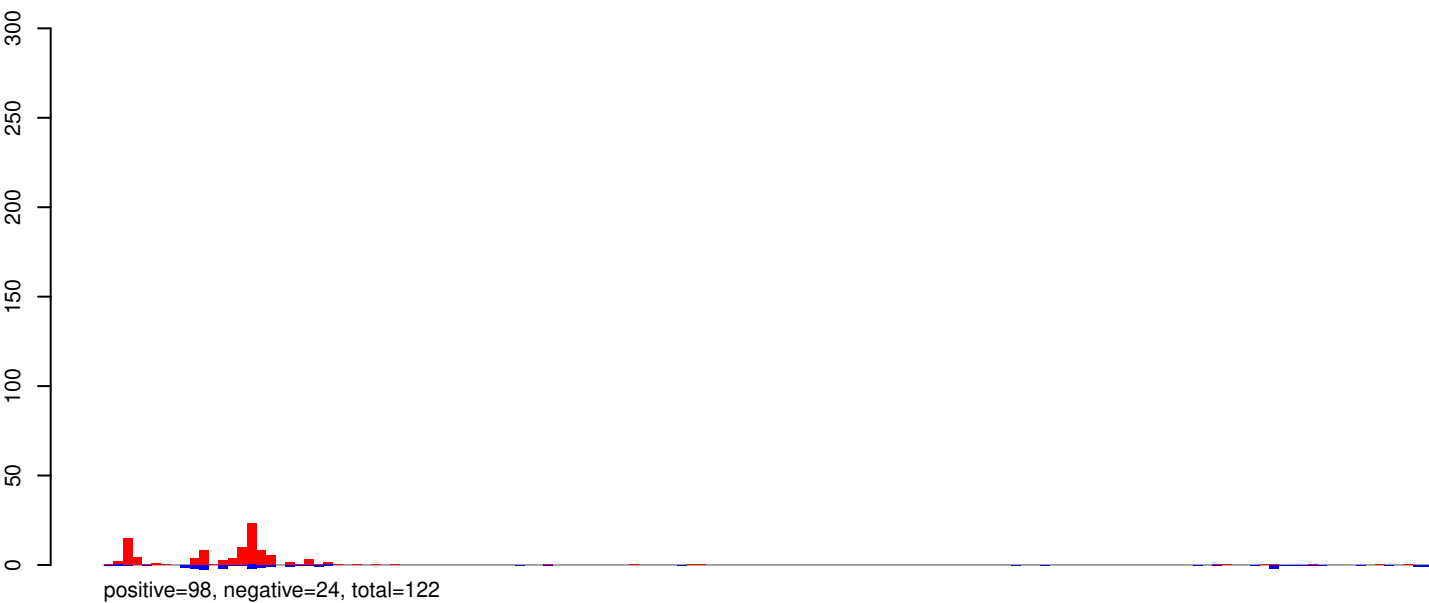
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



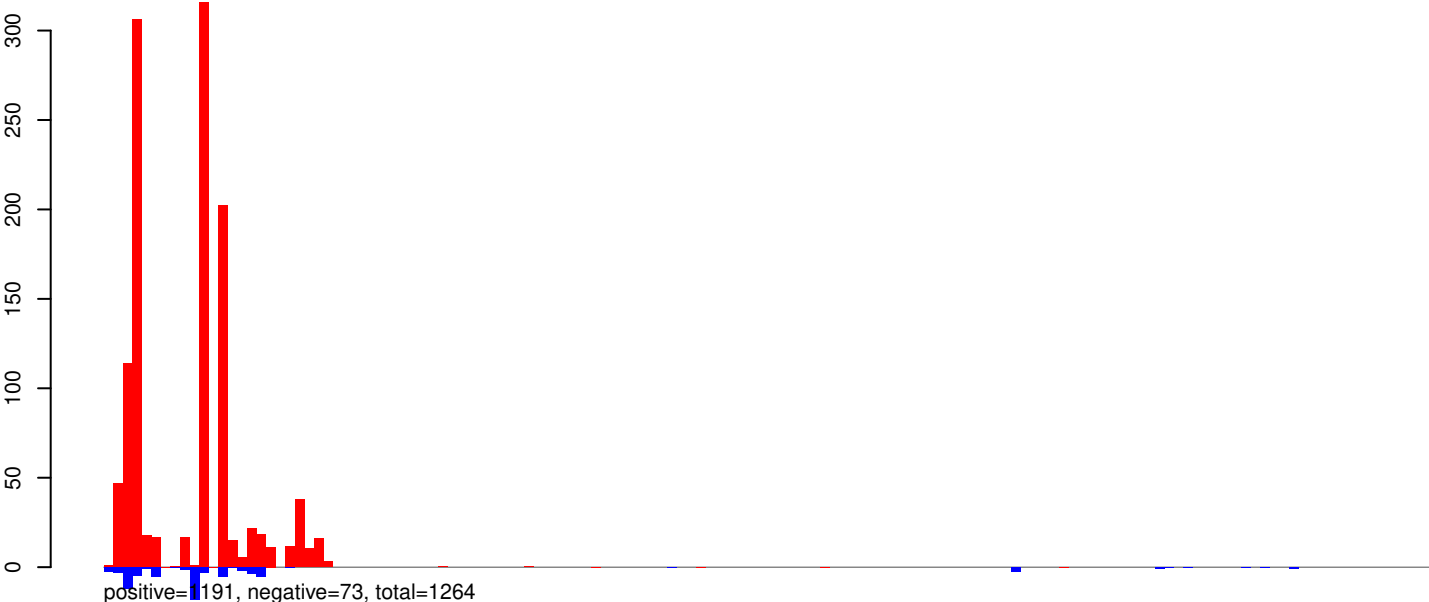
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



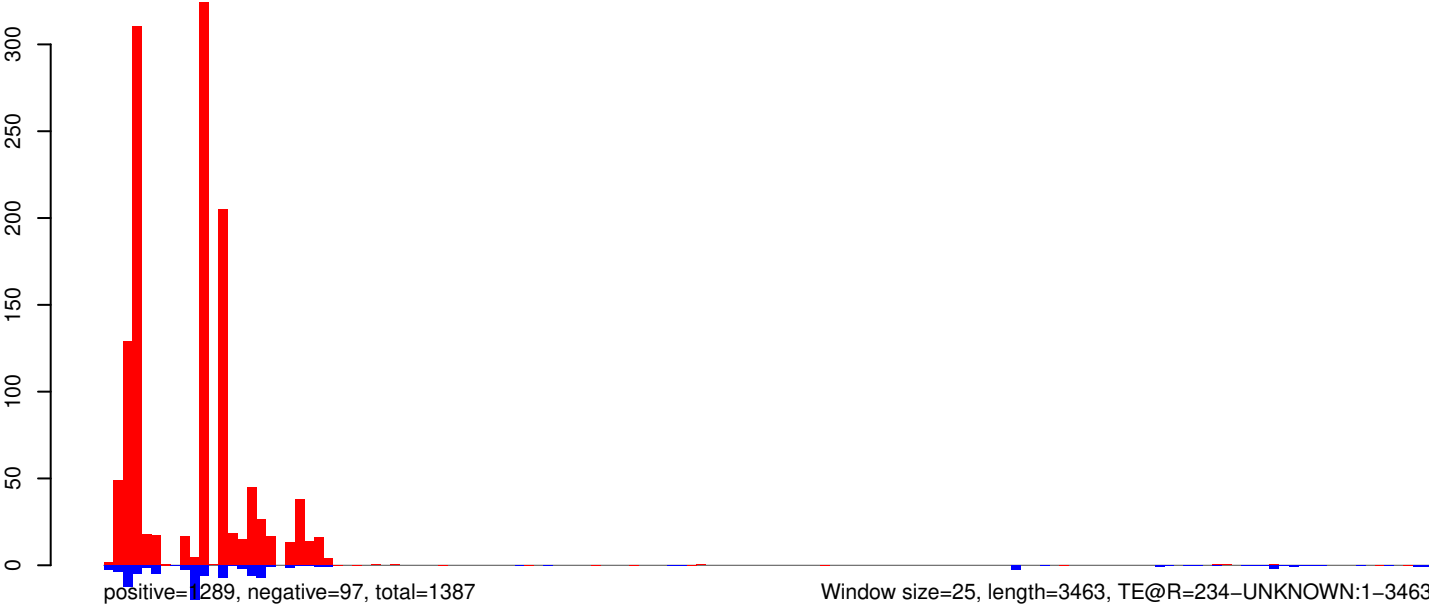
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



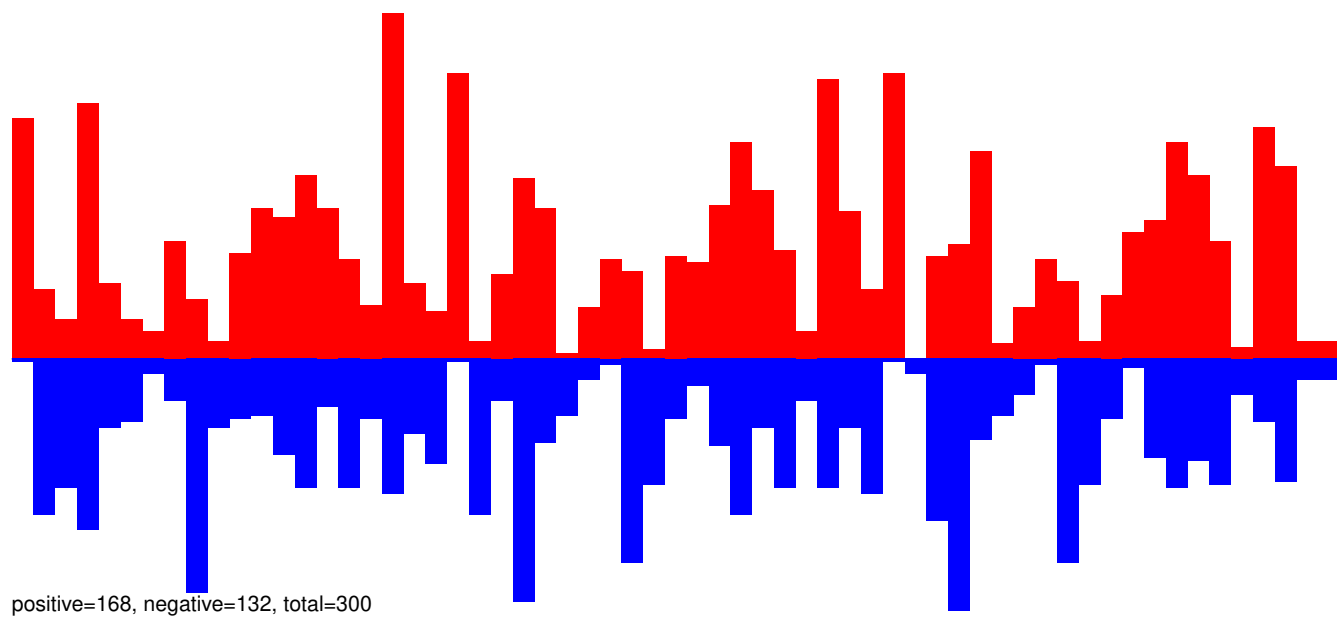
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



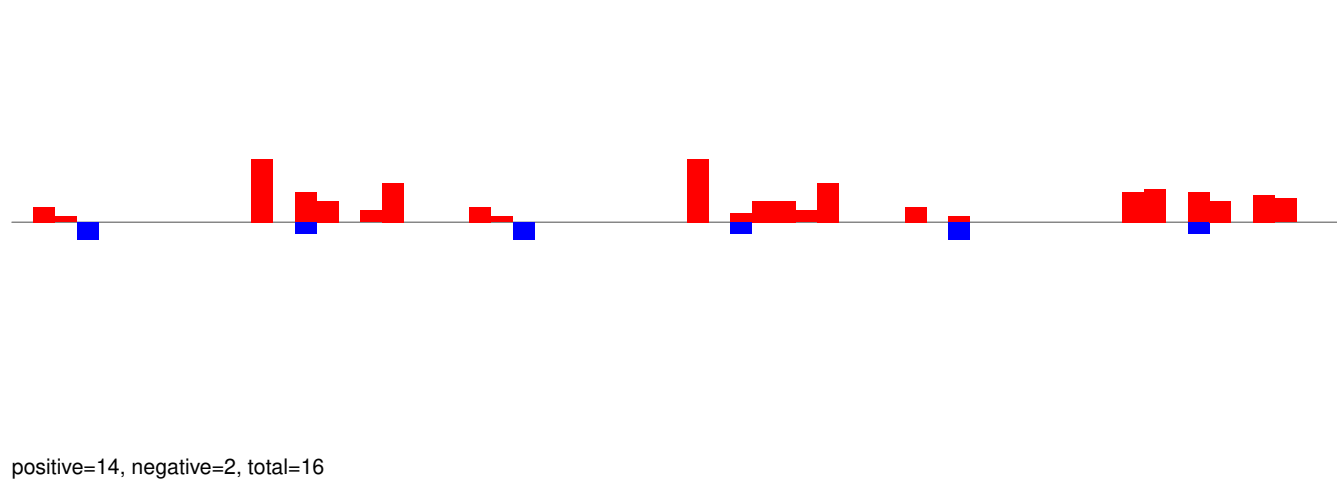
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



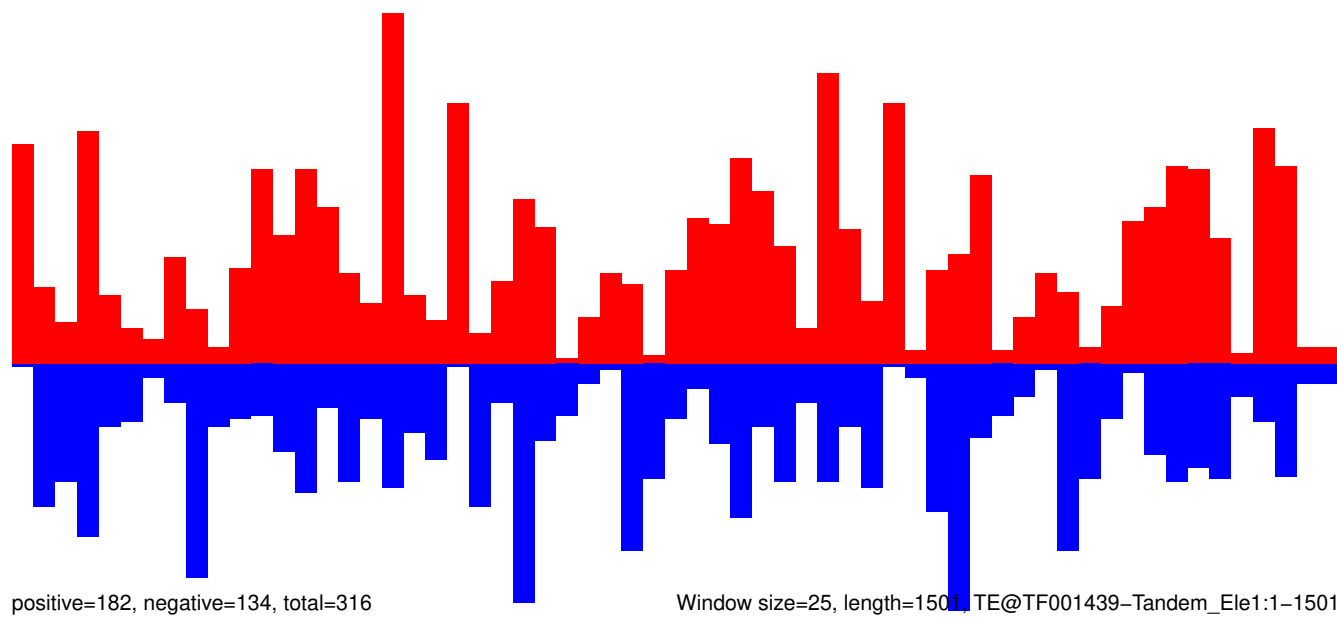
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



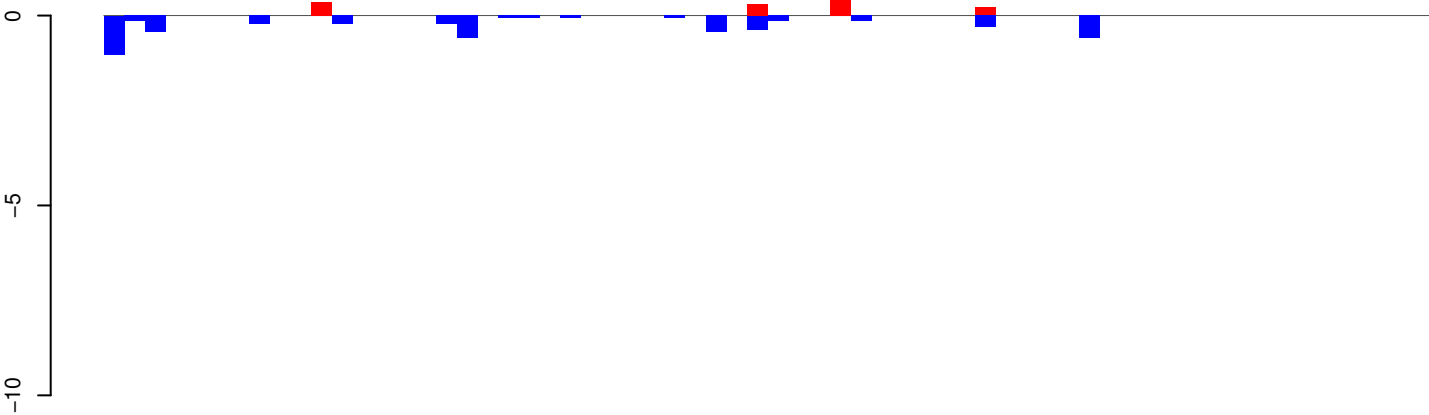
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

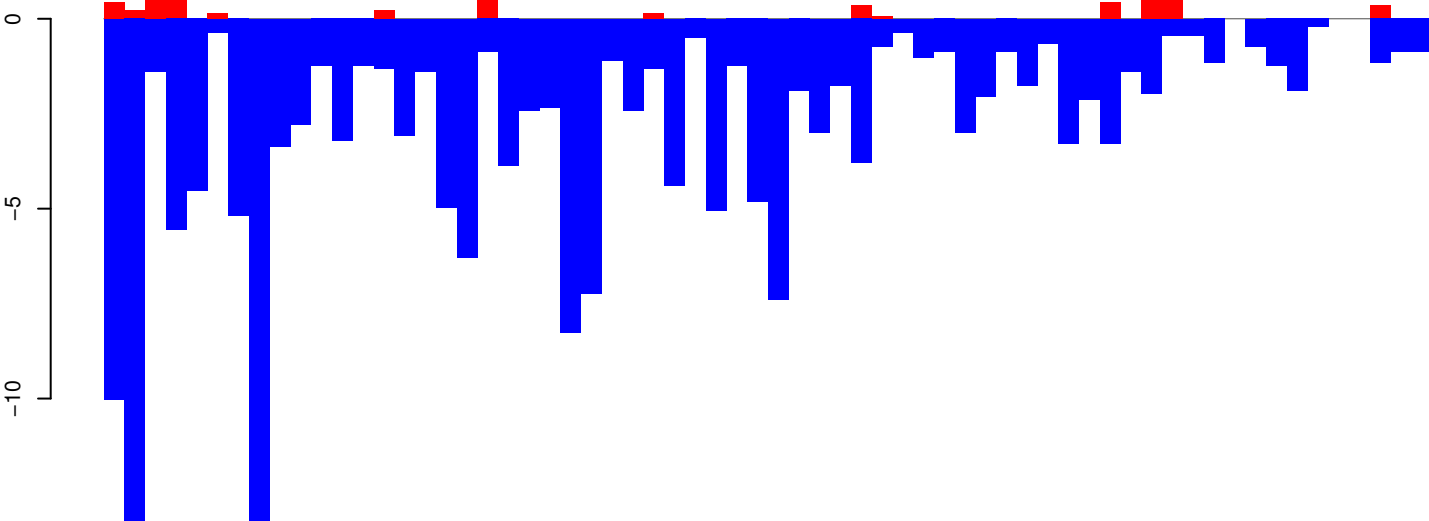


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



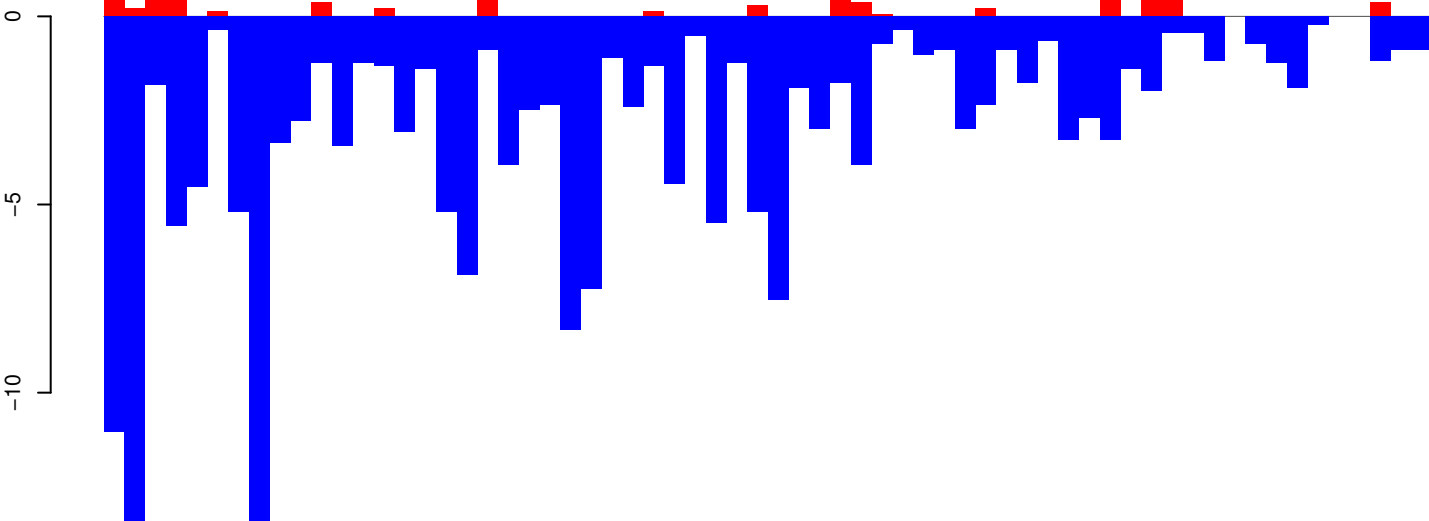
positive=1, negative=5, total=6

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=7, negative=179, total=186

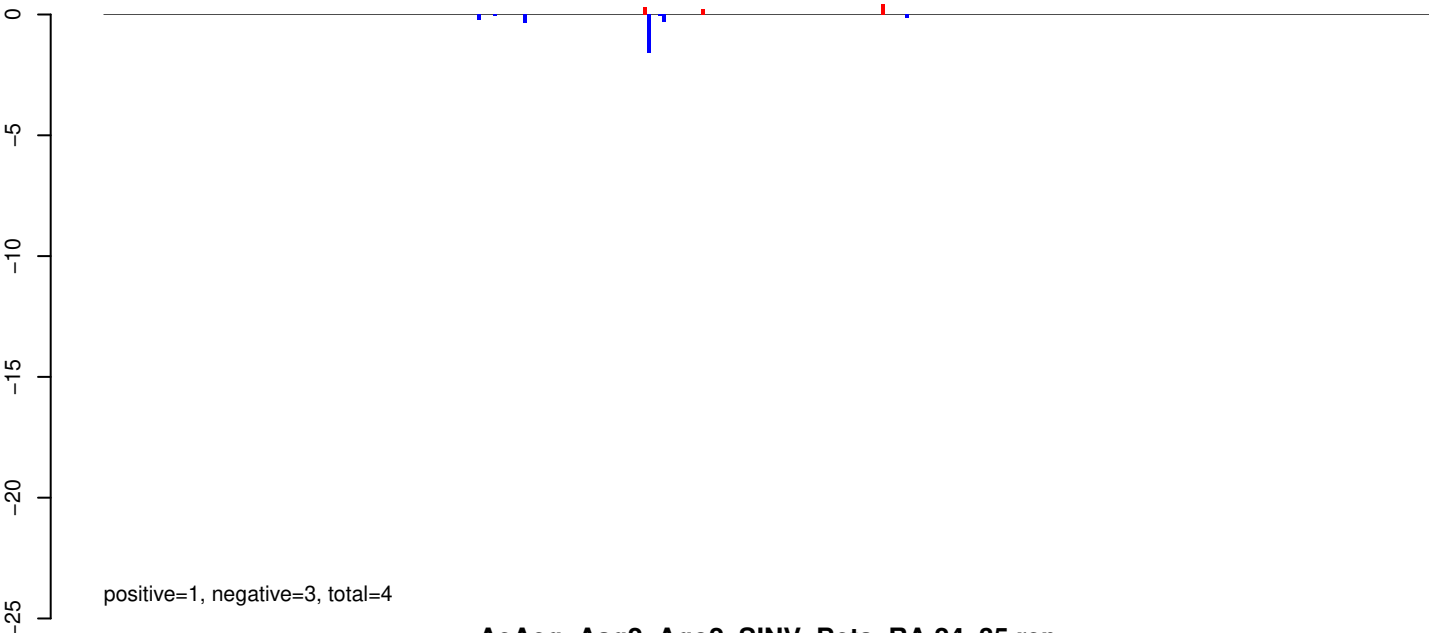
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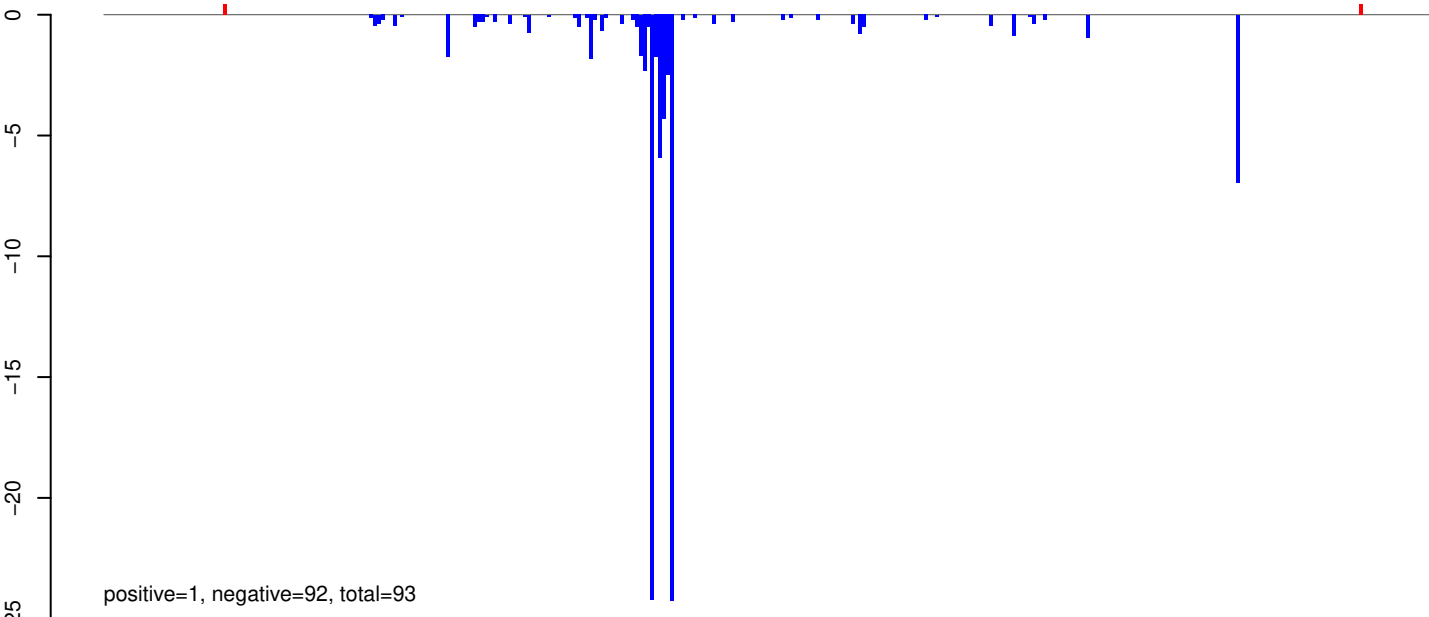
positive=8, negative=184, total=192

Window size=25, length=1589, TE@Mariner-3\_AAe:1-1589

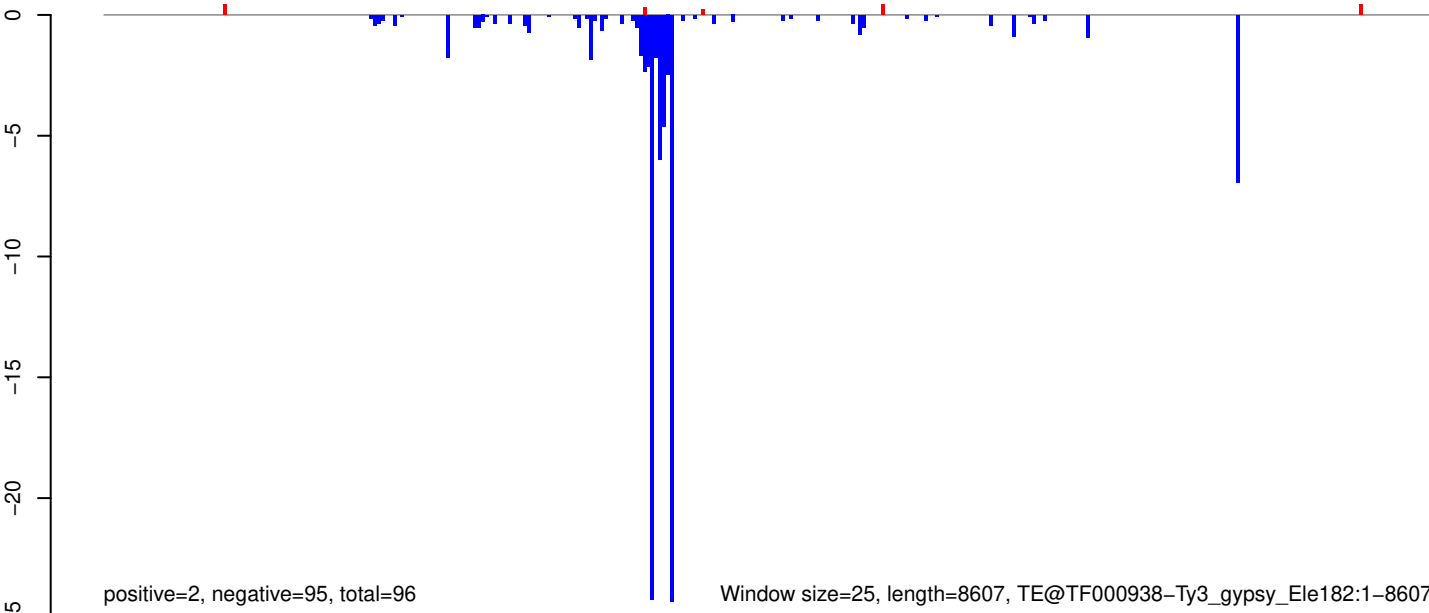
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

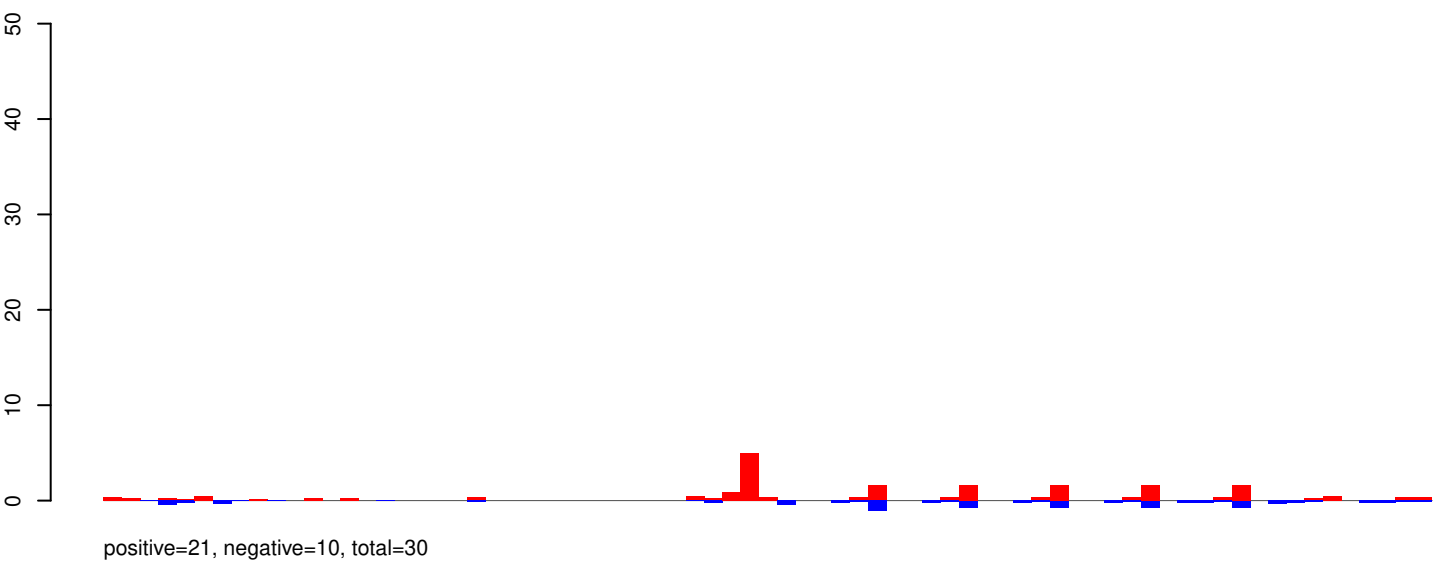


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

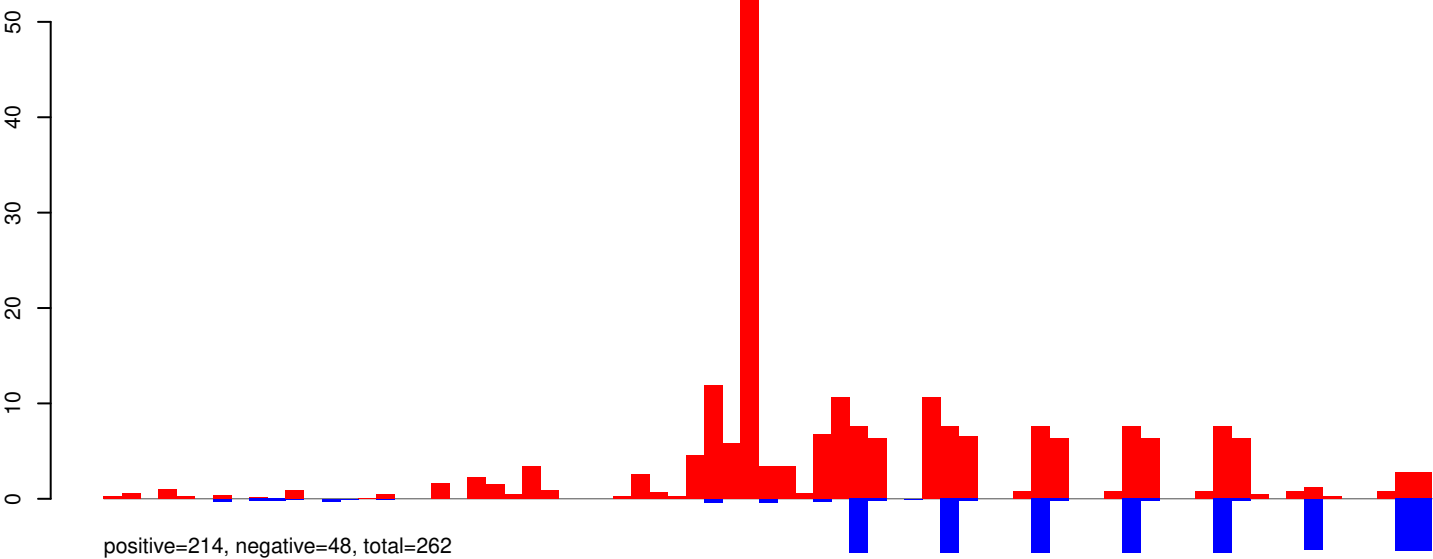




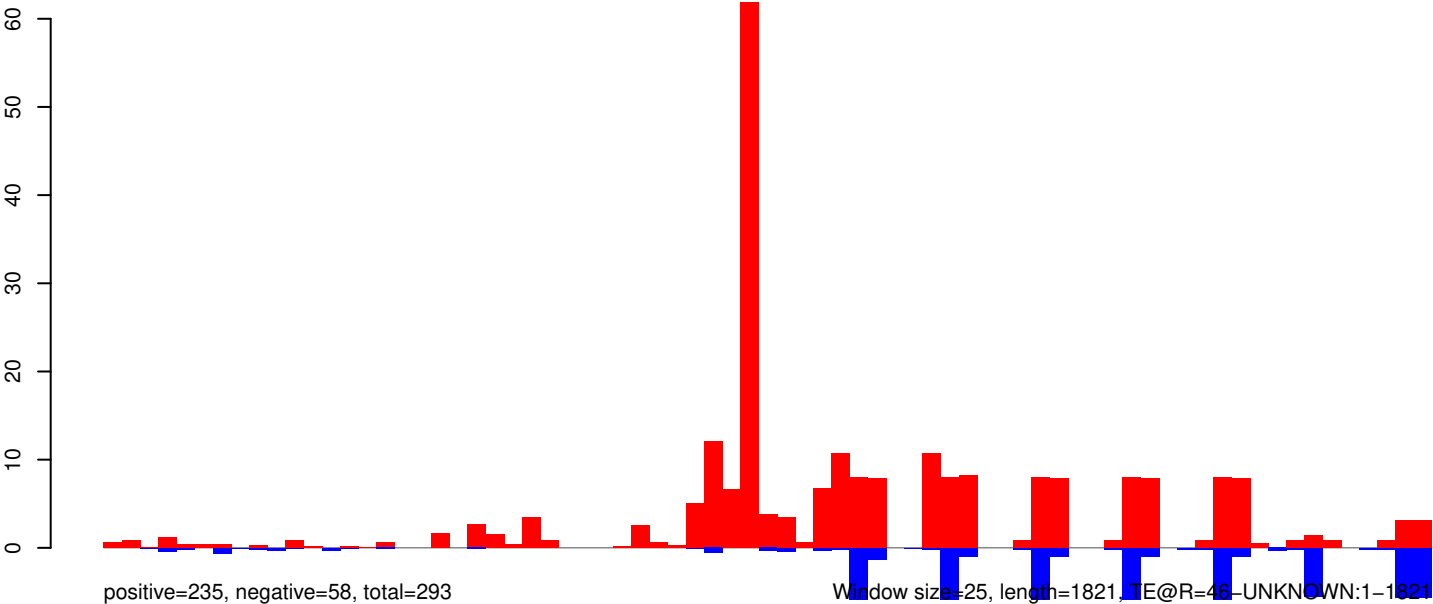
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



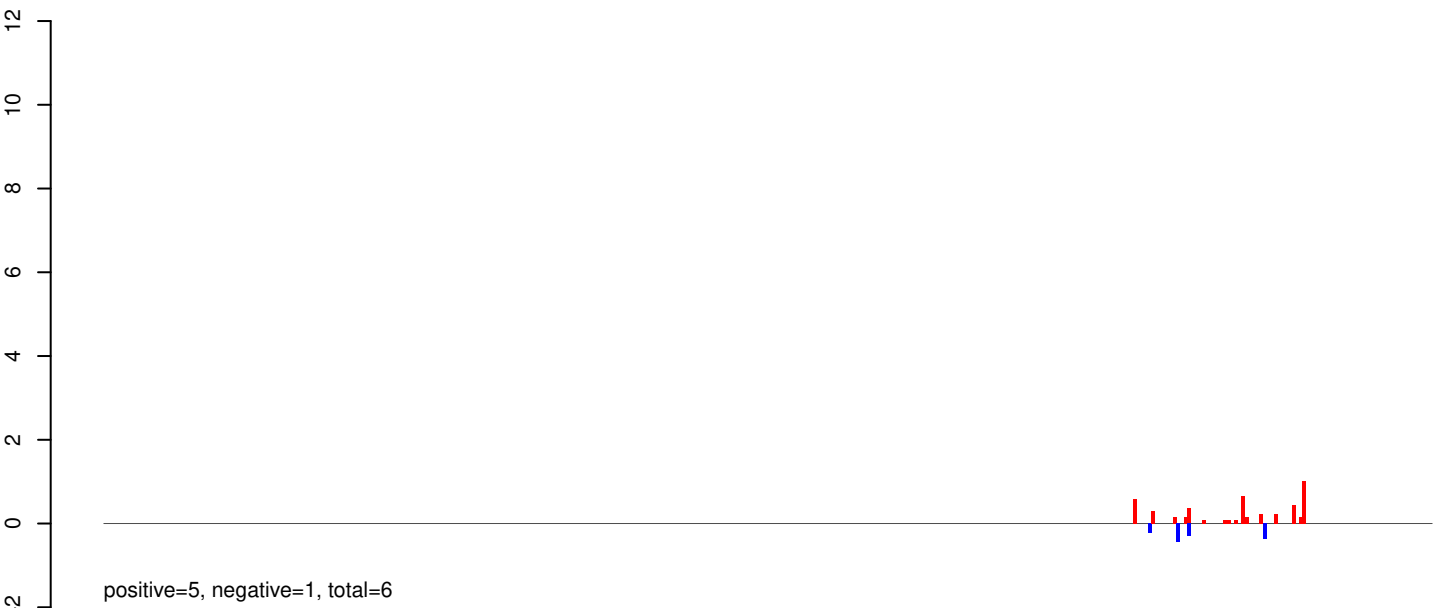
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



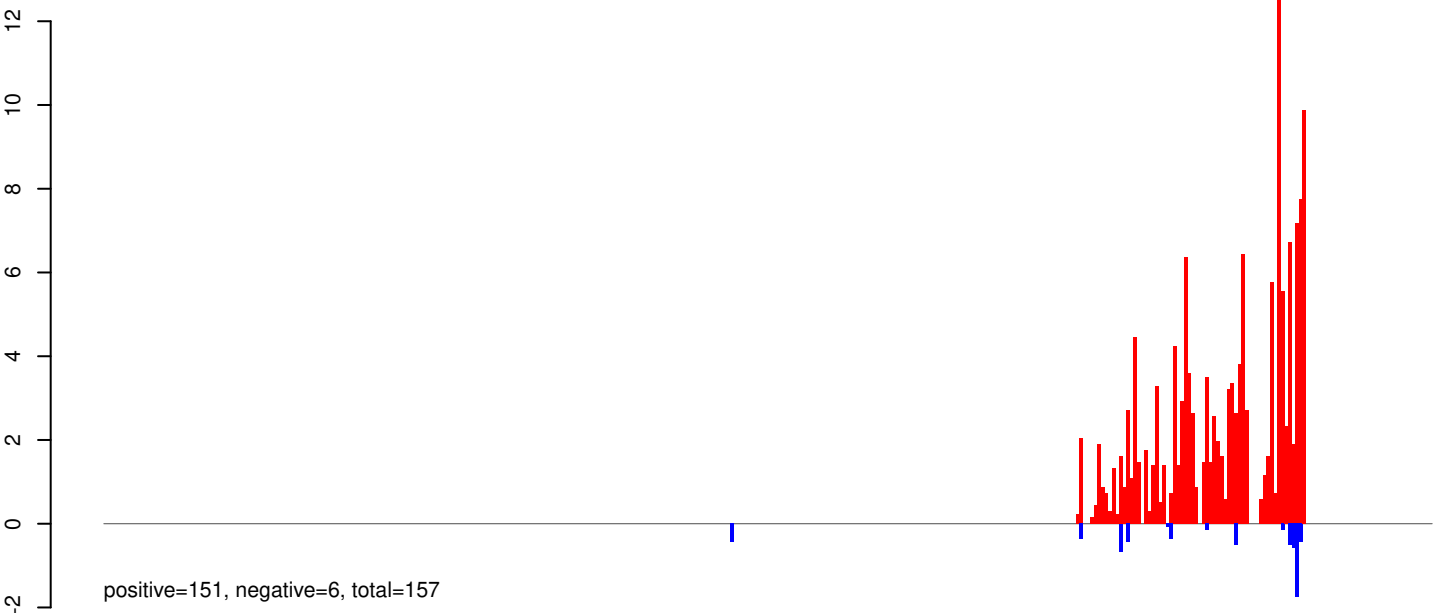
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



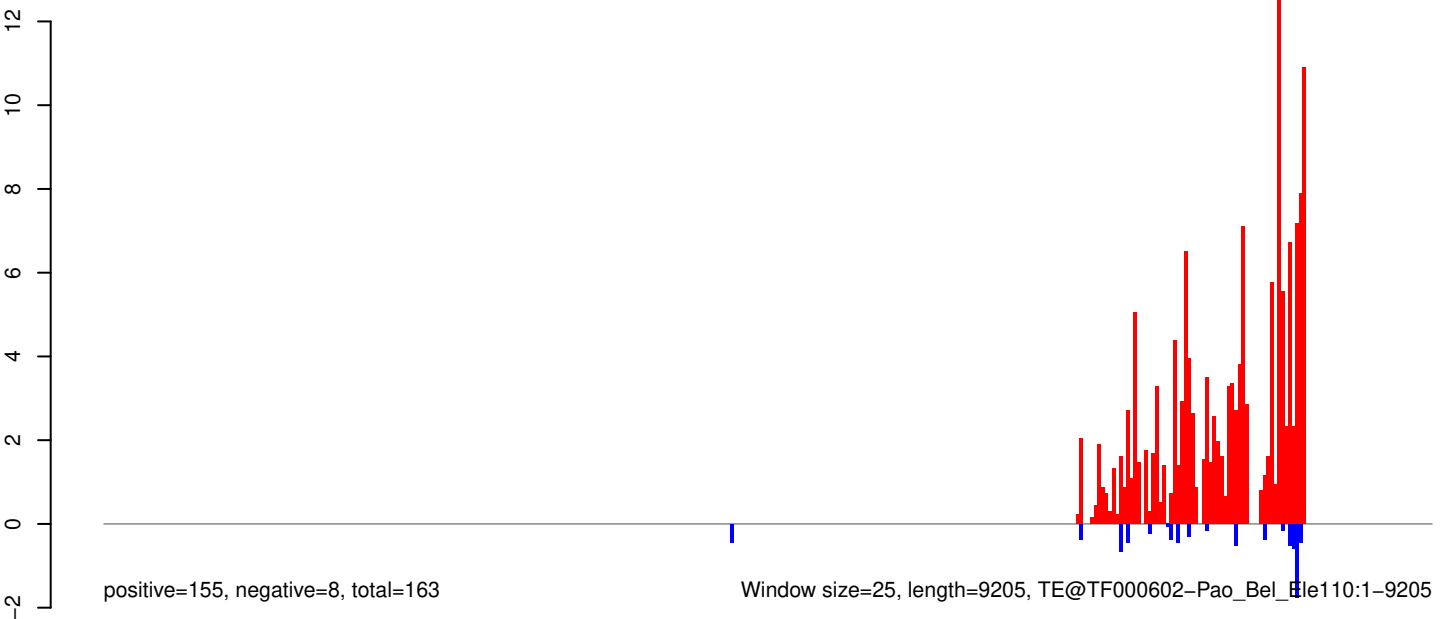
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=9205, TE@TF000602-Pao\_Bel\_Ele110:1-9205

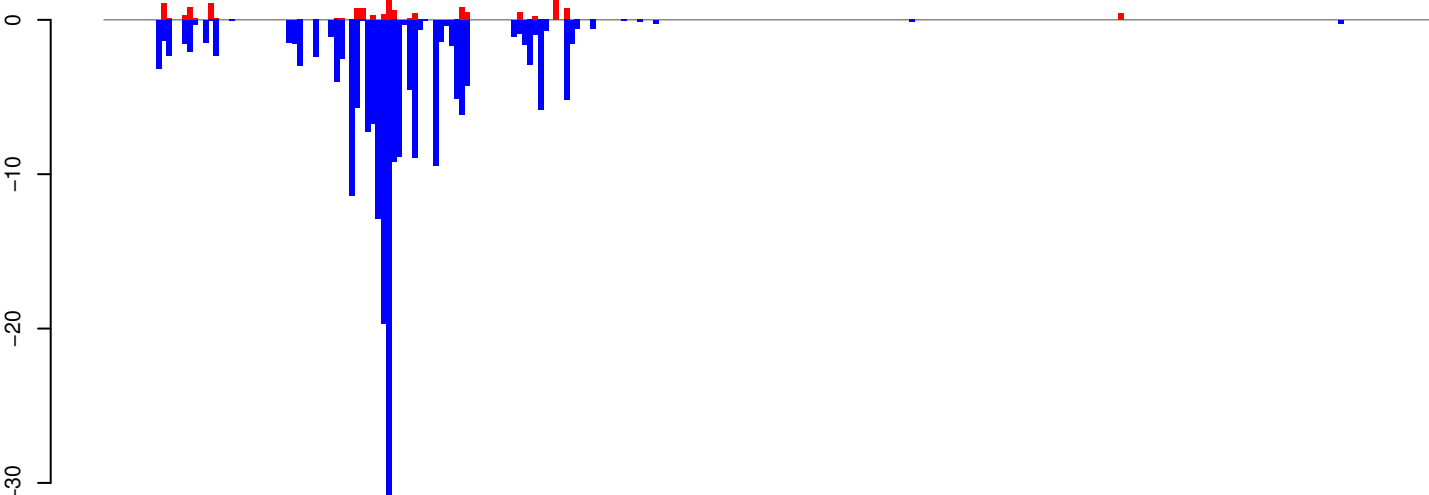
0 2000 4000 6000 8000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



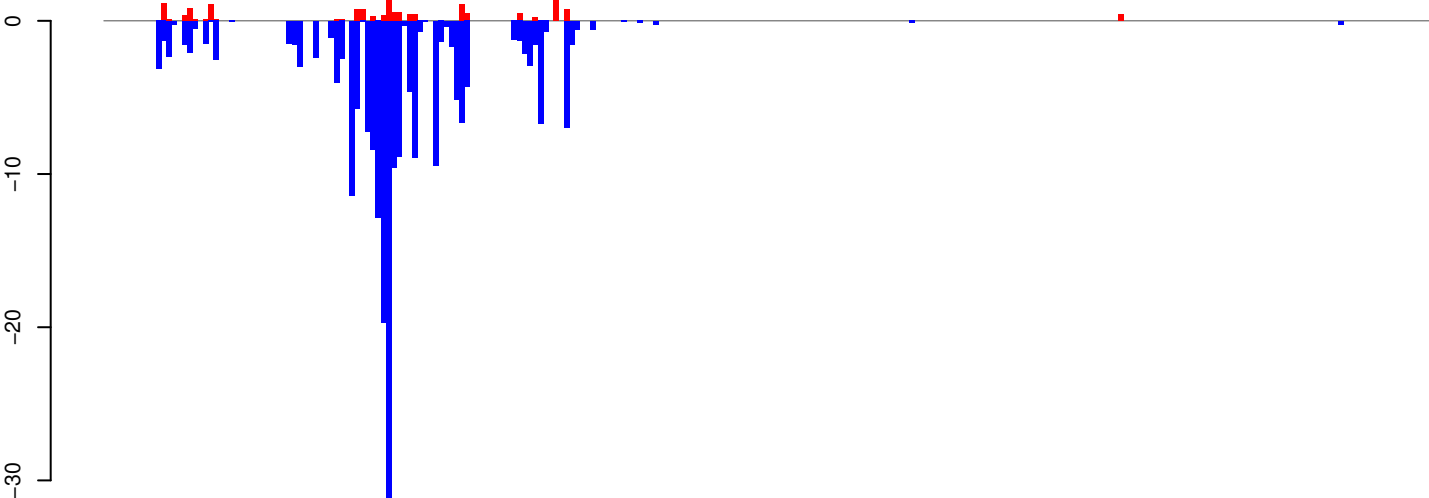
positive=2, negative=8, total=10

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=14, negative=215, total=228

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

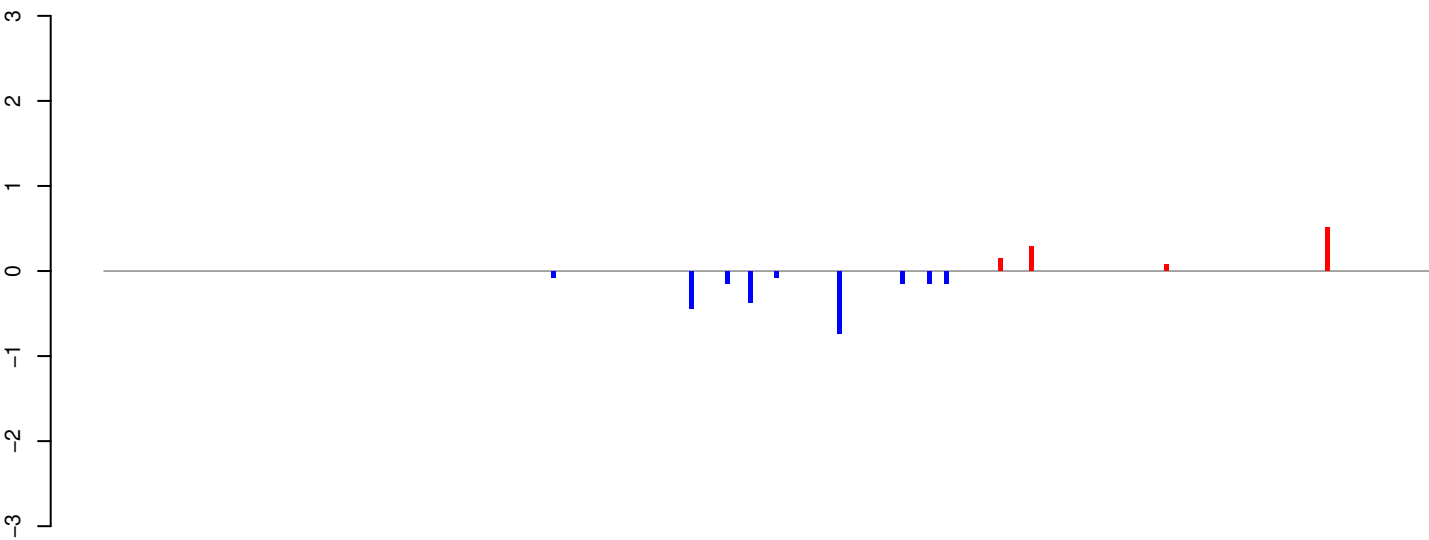


positive=15, negative=223, total=238

Window size=25, length=6346, TE@Gypsy-291\_AA-LTR-I:1-6346

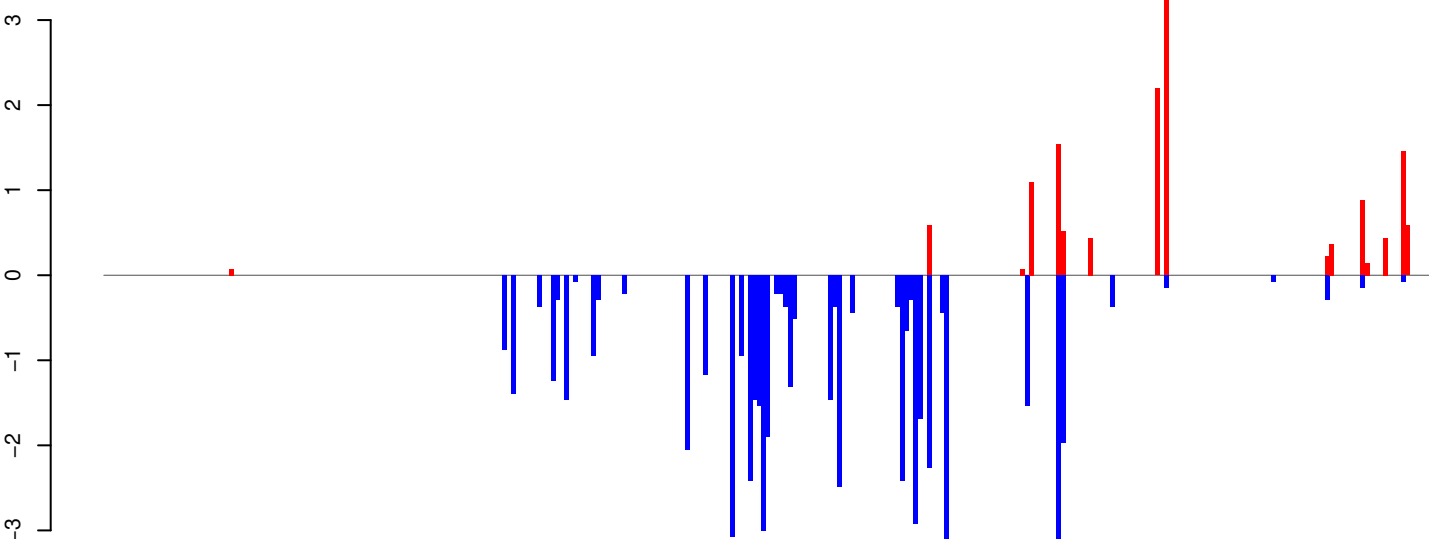
0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



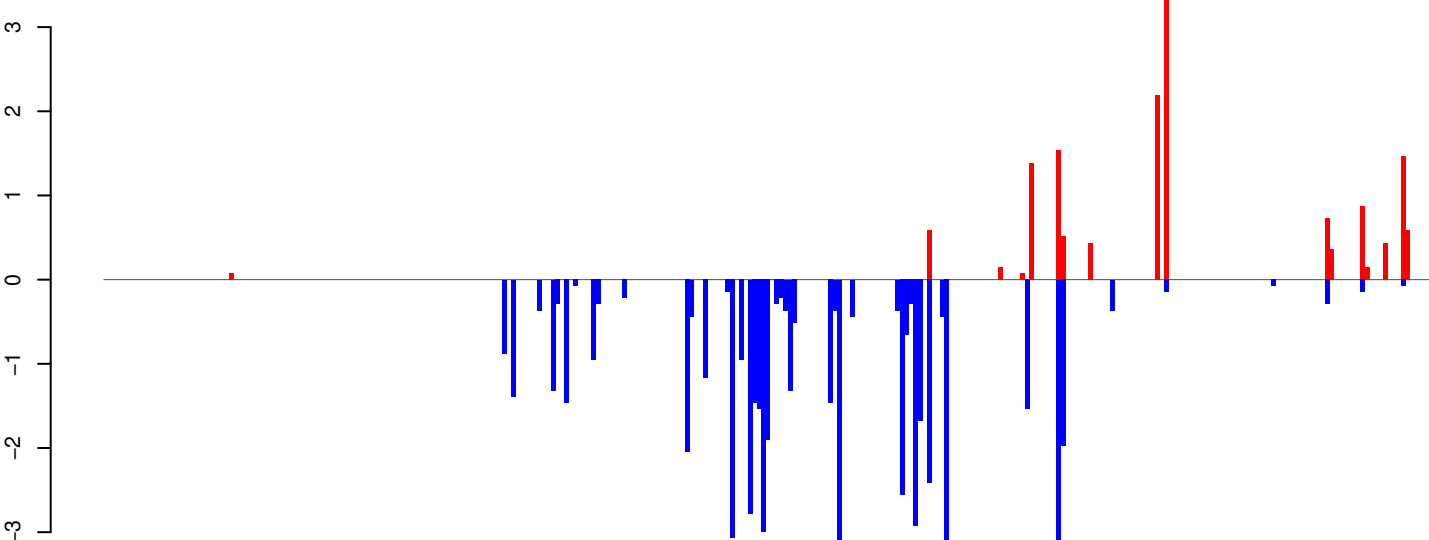
positive=1, negative=2, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=14, negative=55, total=69

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

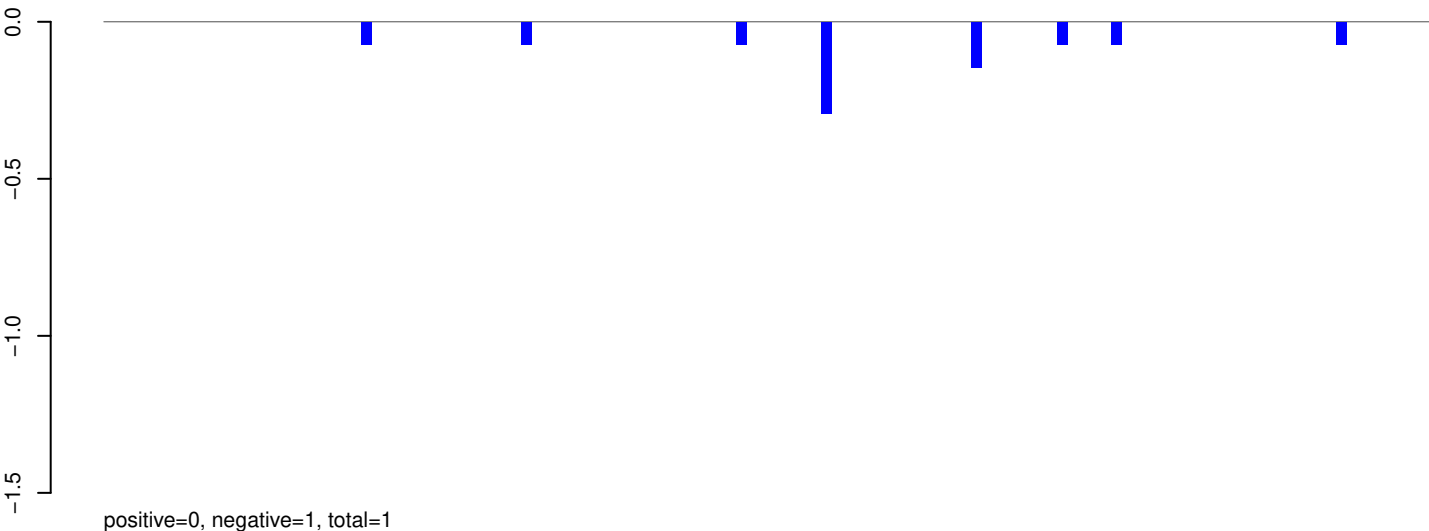


positive=15, negative=57, total=72

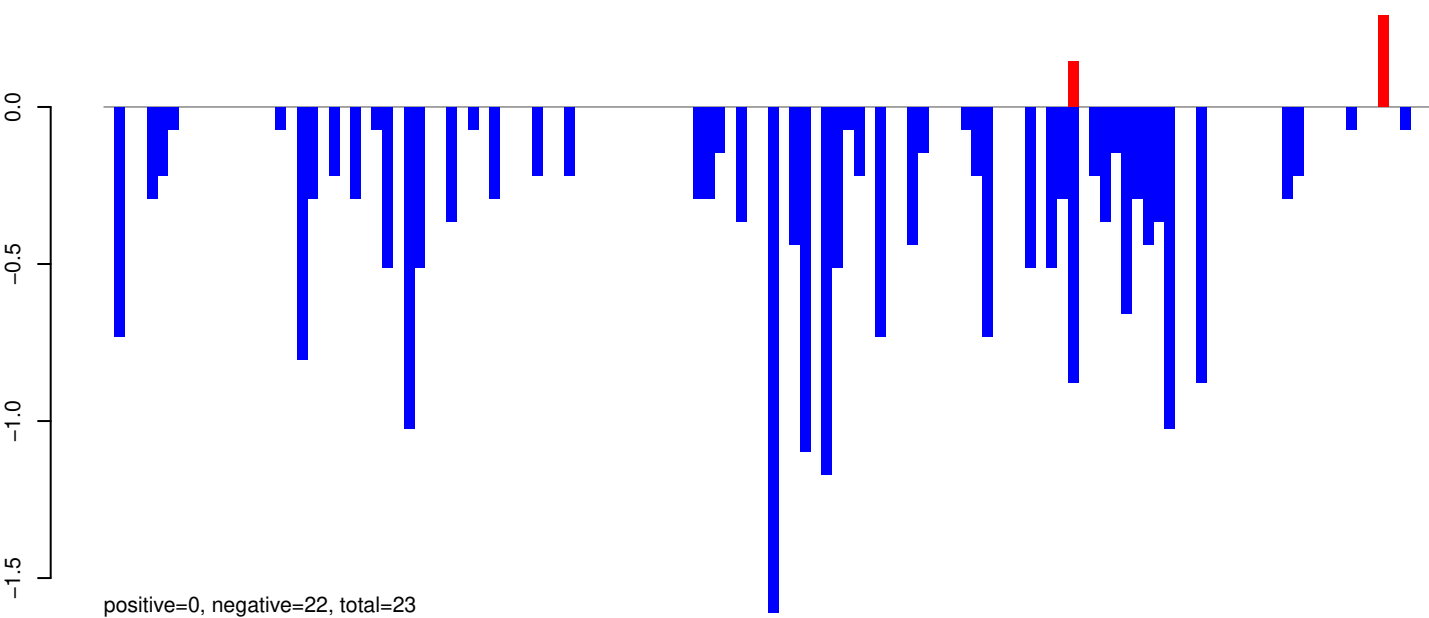
Window size=25, length=7425, TE@BEL-220\_AA-LTR-I:1-7425

0 2000 4000 6000

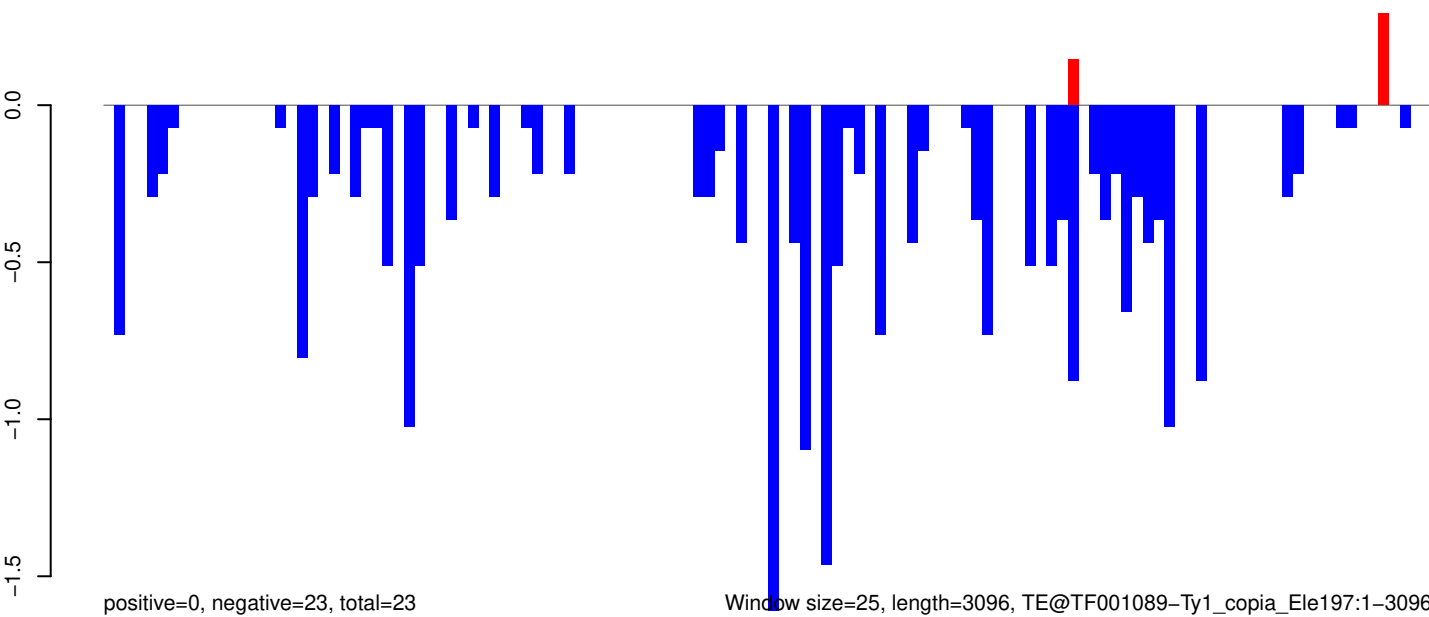
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



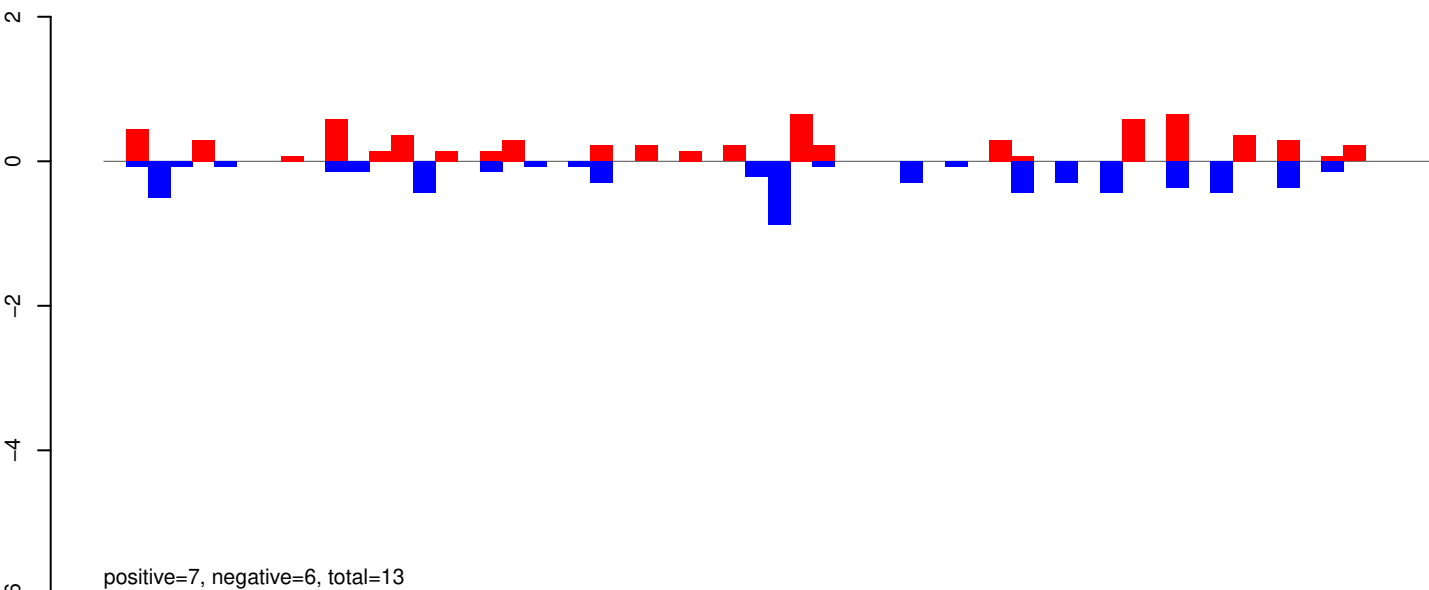
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



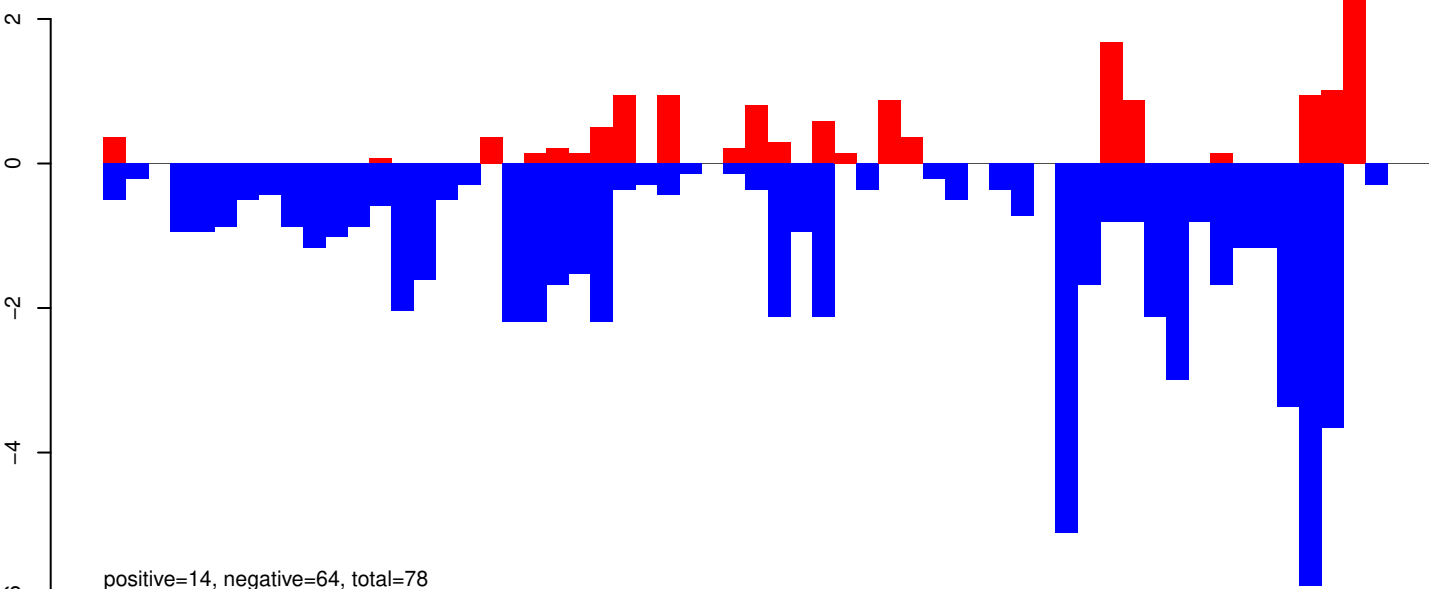
Window size=25, length=3096, TE@TF001089-Ty1\_copia\_Ele197:1-3096

0 500 1000 1500 2000 2500 3000

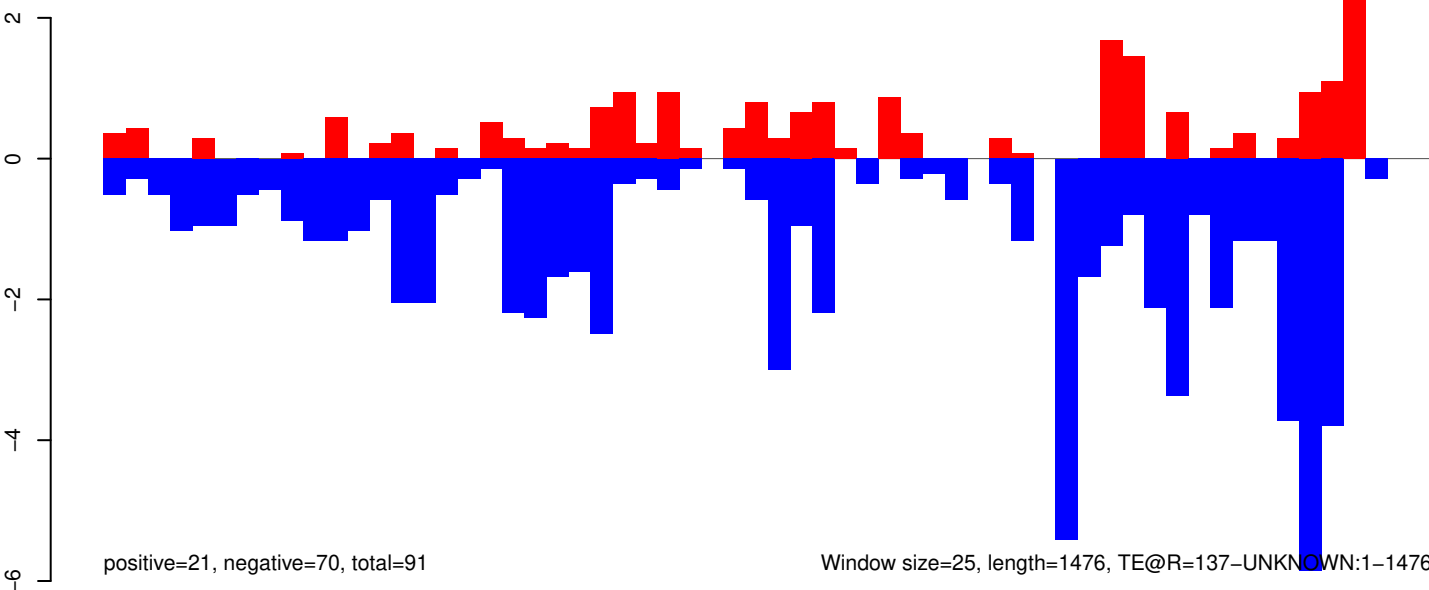
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

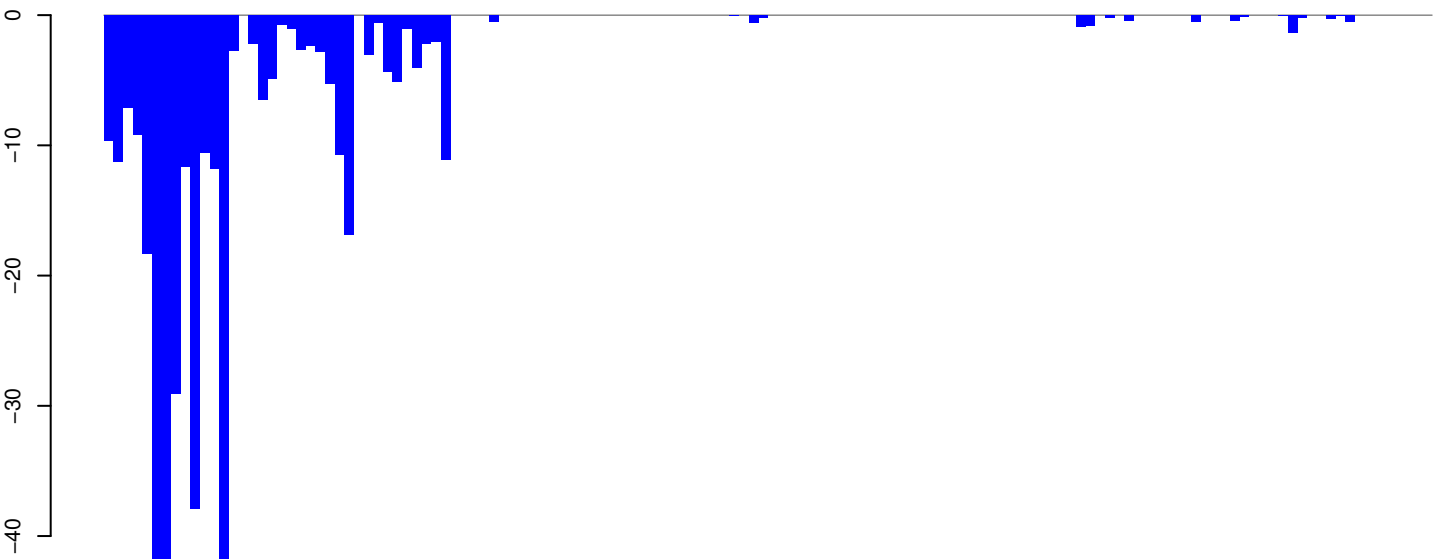


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



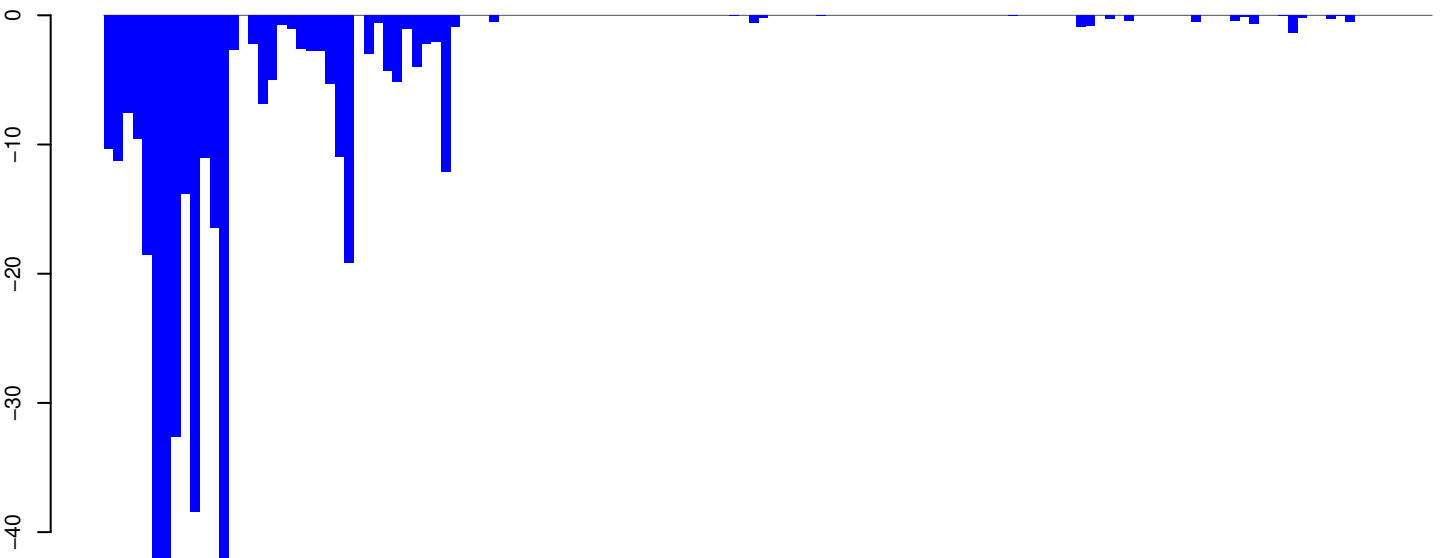
positive=0, negative=23, total=23

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=389, total=389

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

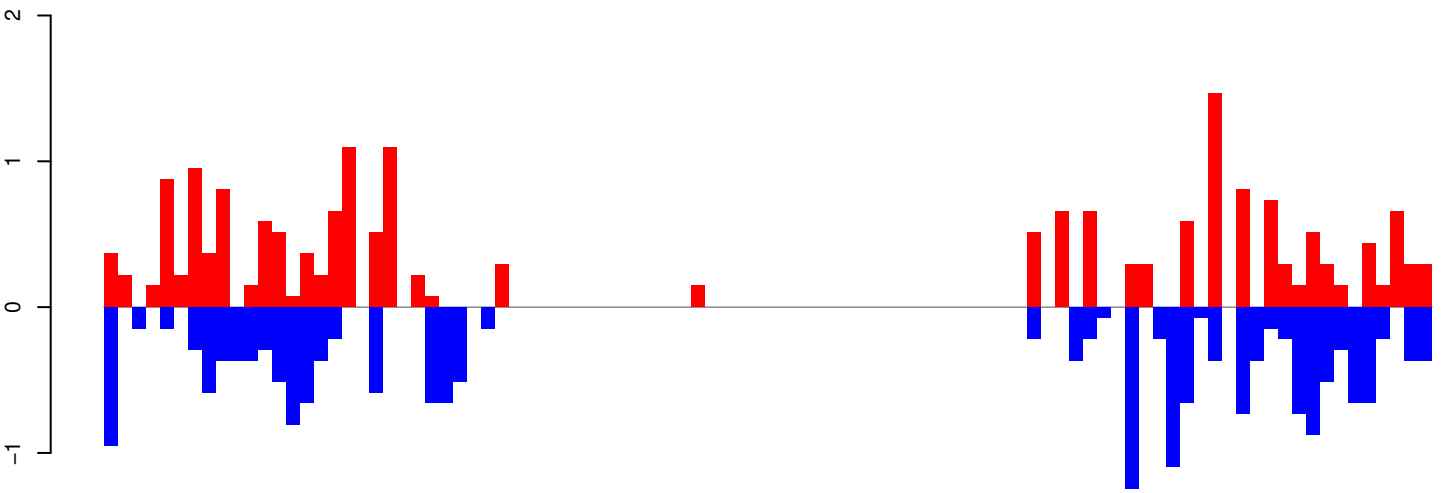


positive=0, negative=412, total=412

Window size=25, length=3426, TE@Gypsy-298\_AA-LTR-I:1-3426

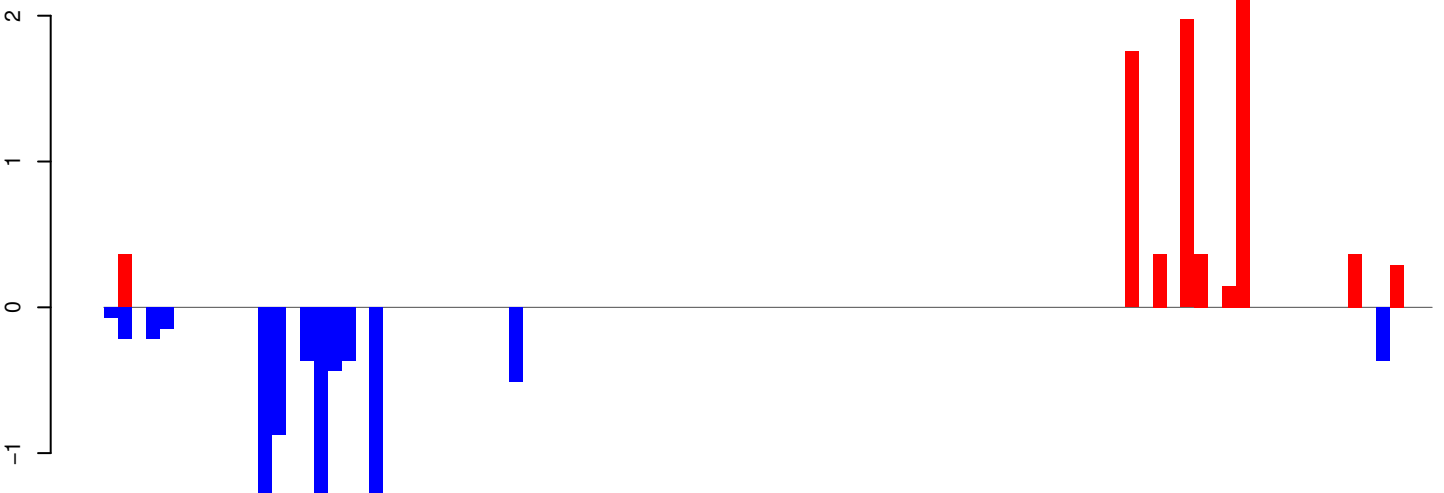
0 500 1000 1500 2000 2500 3000 3500

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



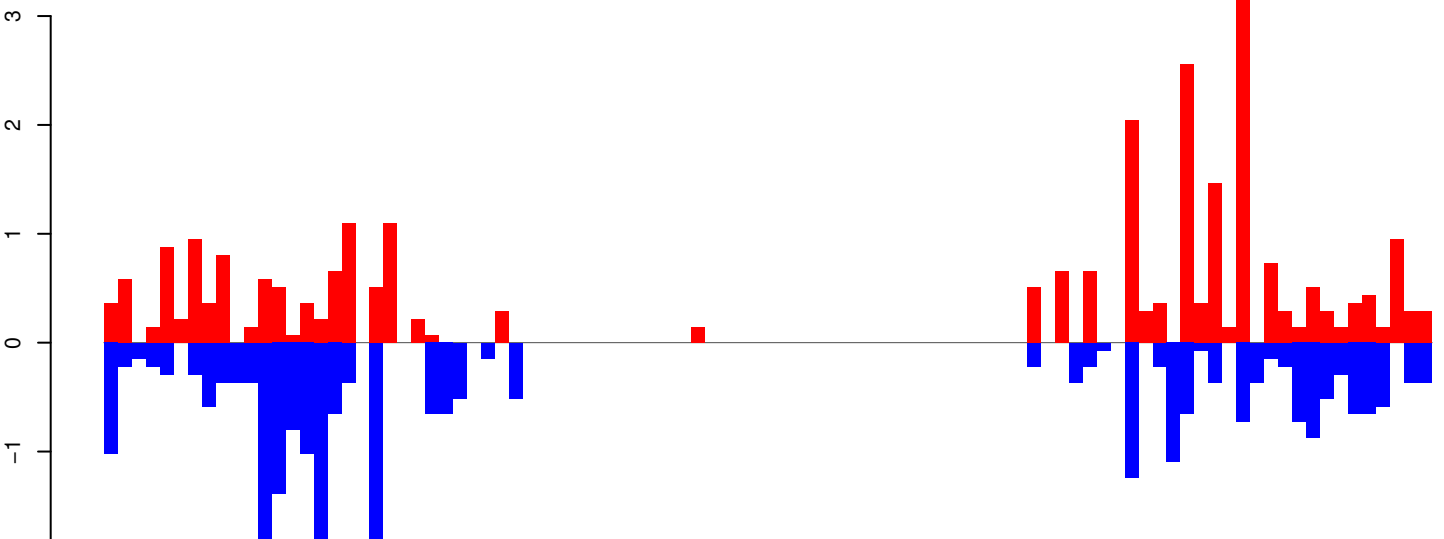
positive=19, negative=19, total=38

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=8, negative=8, total=16

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



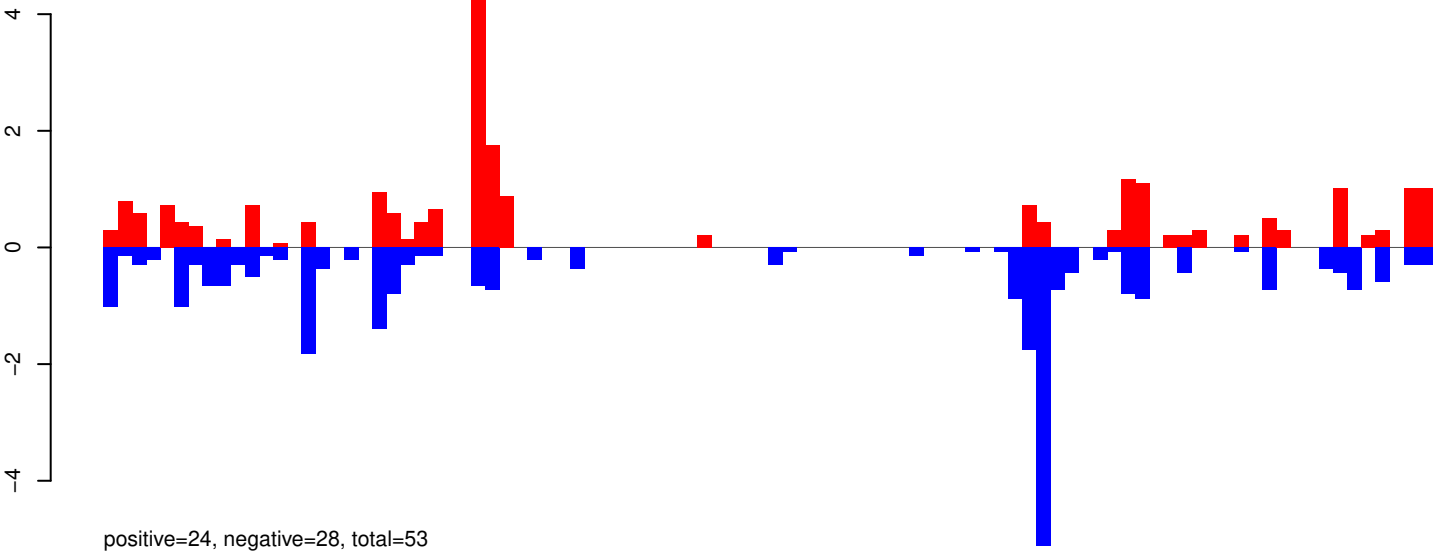
positive=27, negative=28, total=55

Window size=25, length=2360, TE@TF001253-otherMITEs\_Ele3b:1-2360

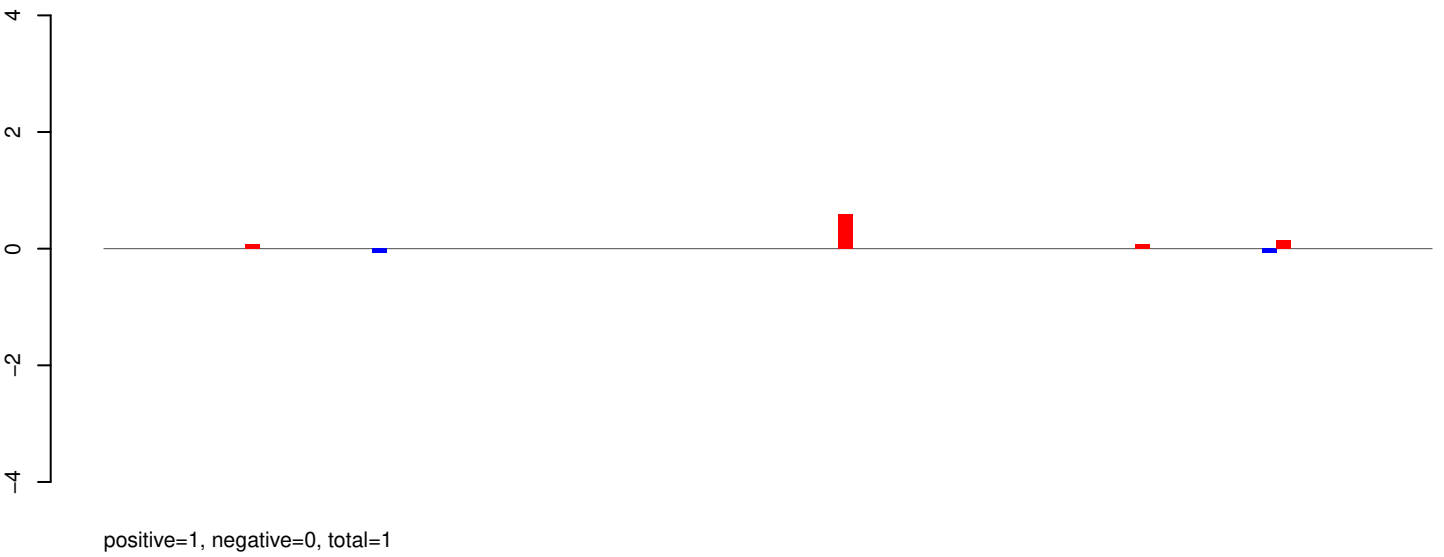
0 500 1000 1500 2000



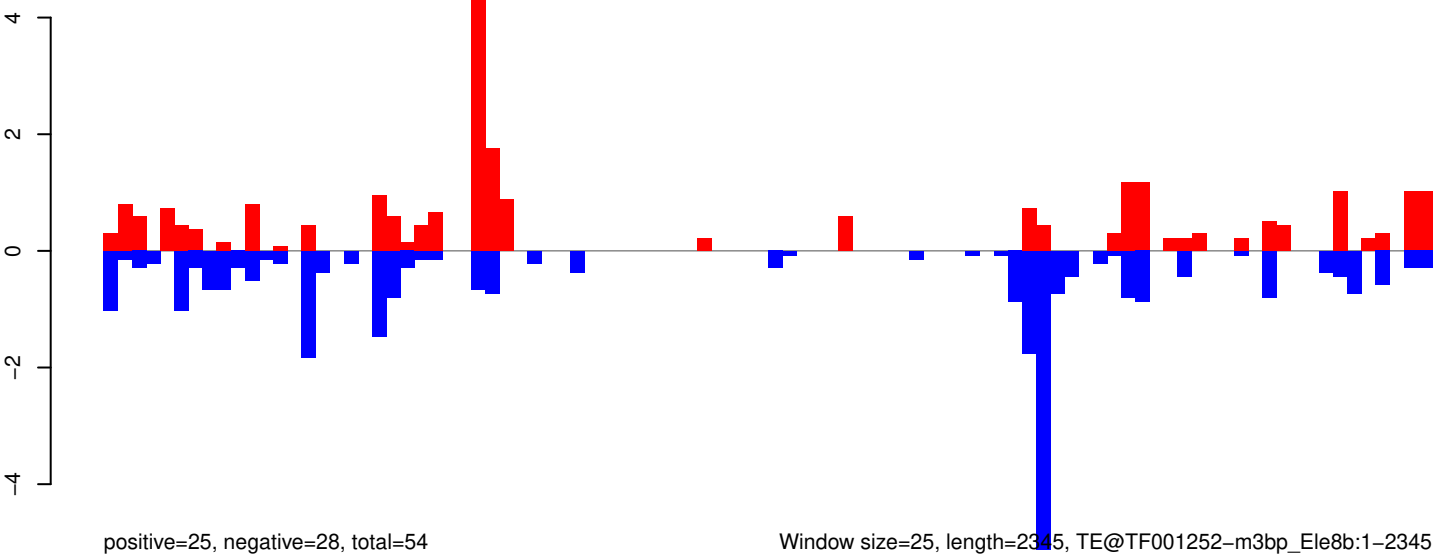
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

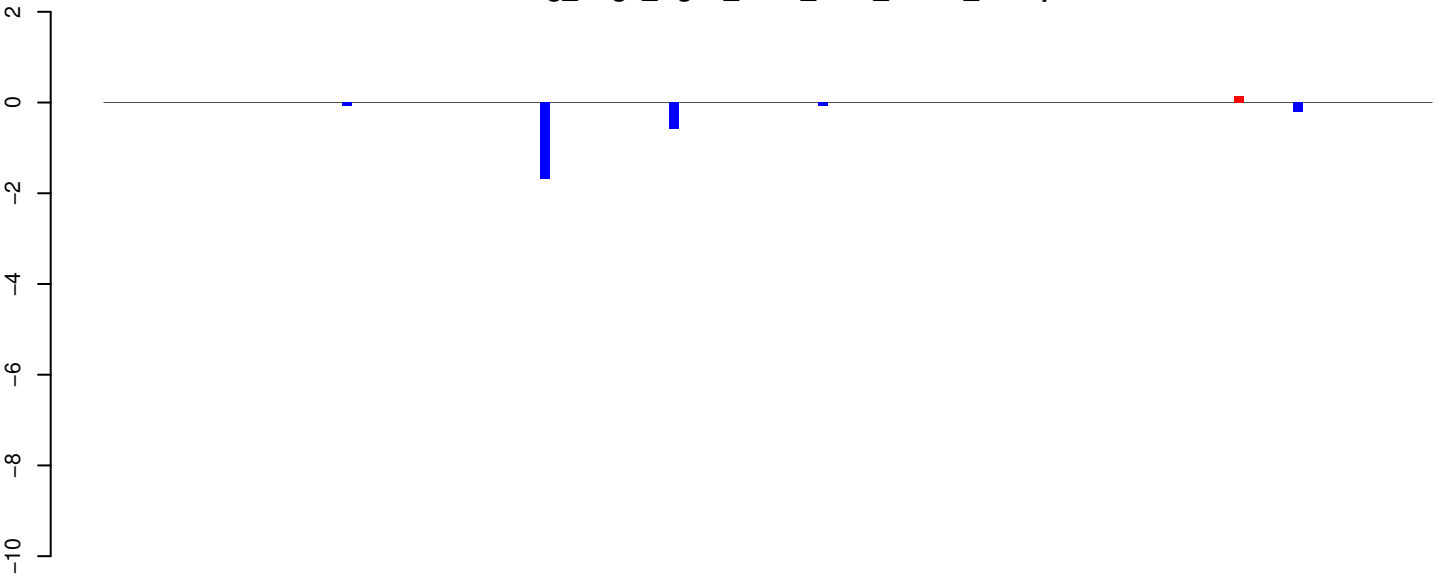


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



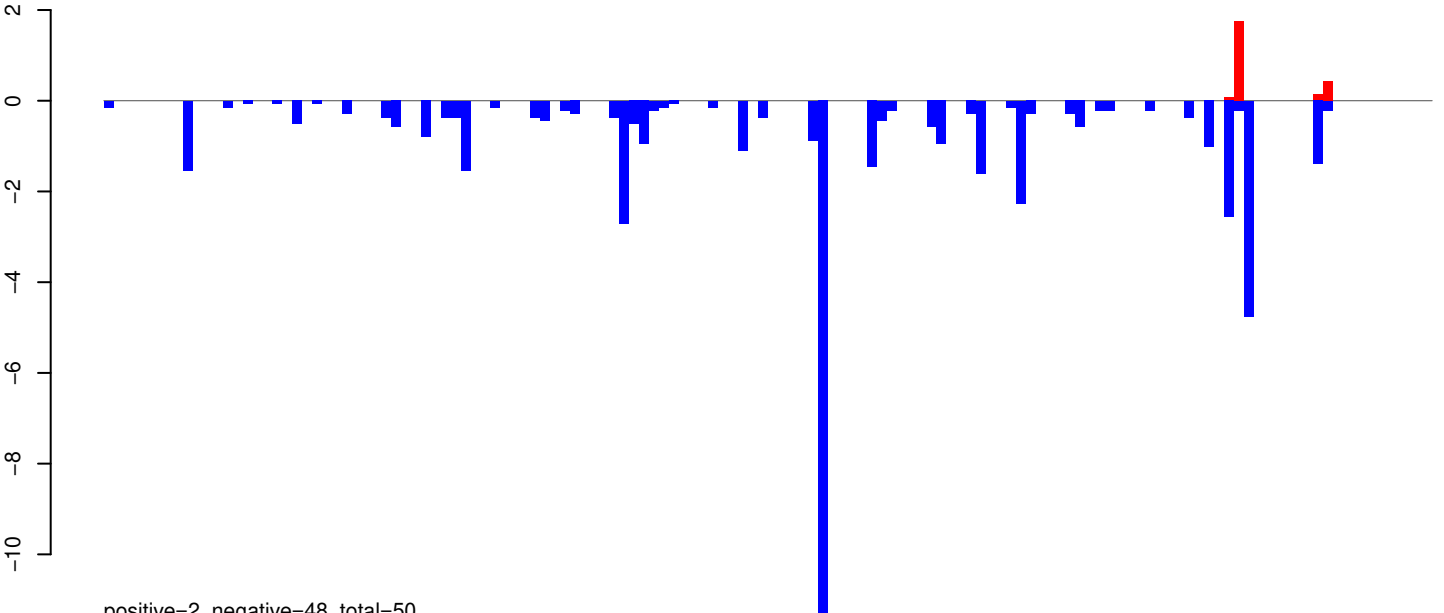
Window size=25, length=2345, TE@TF001252-m3bp\_Ele8b:1-2345

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



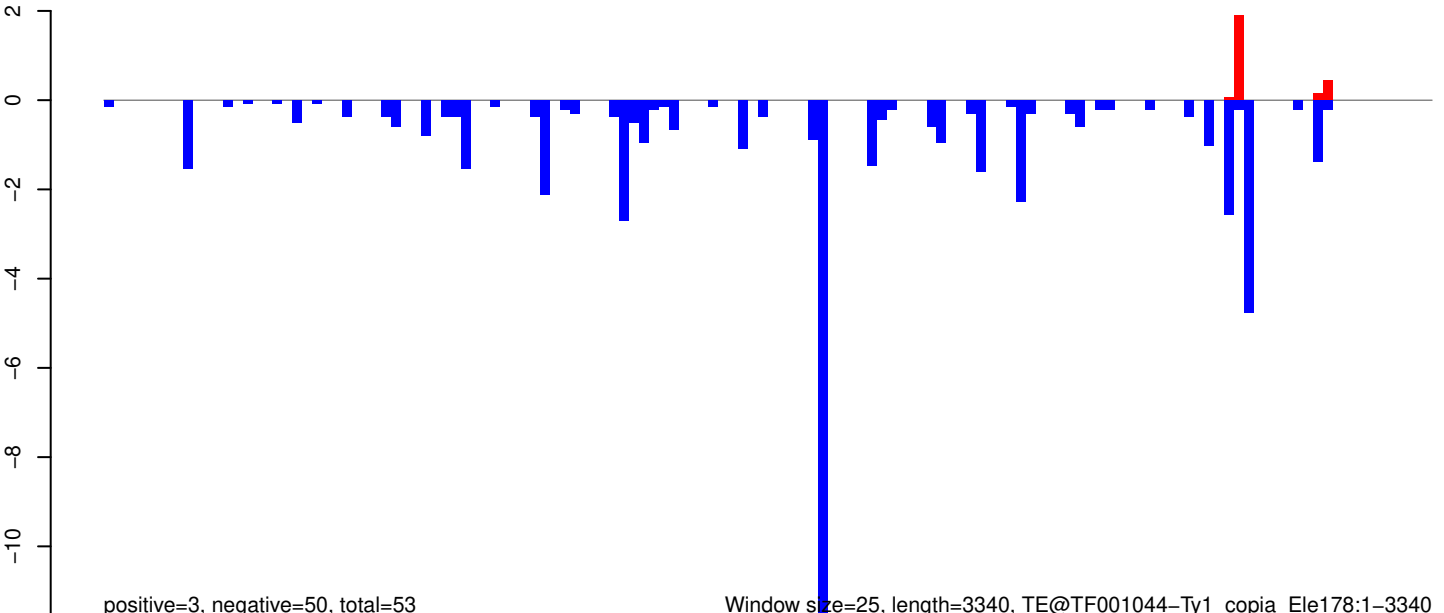
positive=0, negative=3, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=2, negative=48, total=50

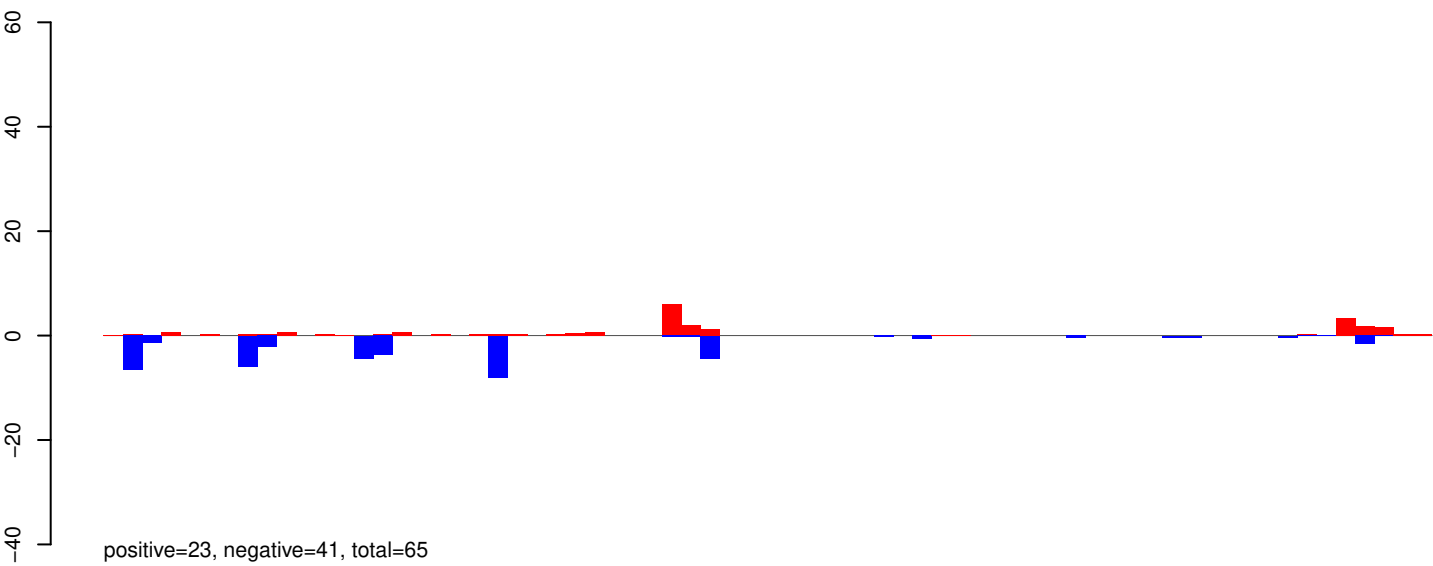
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



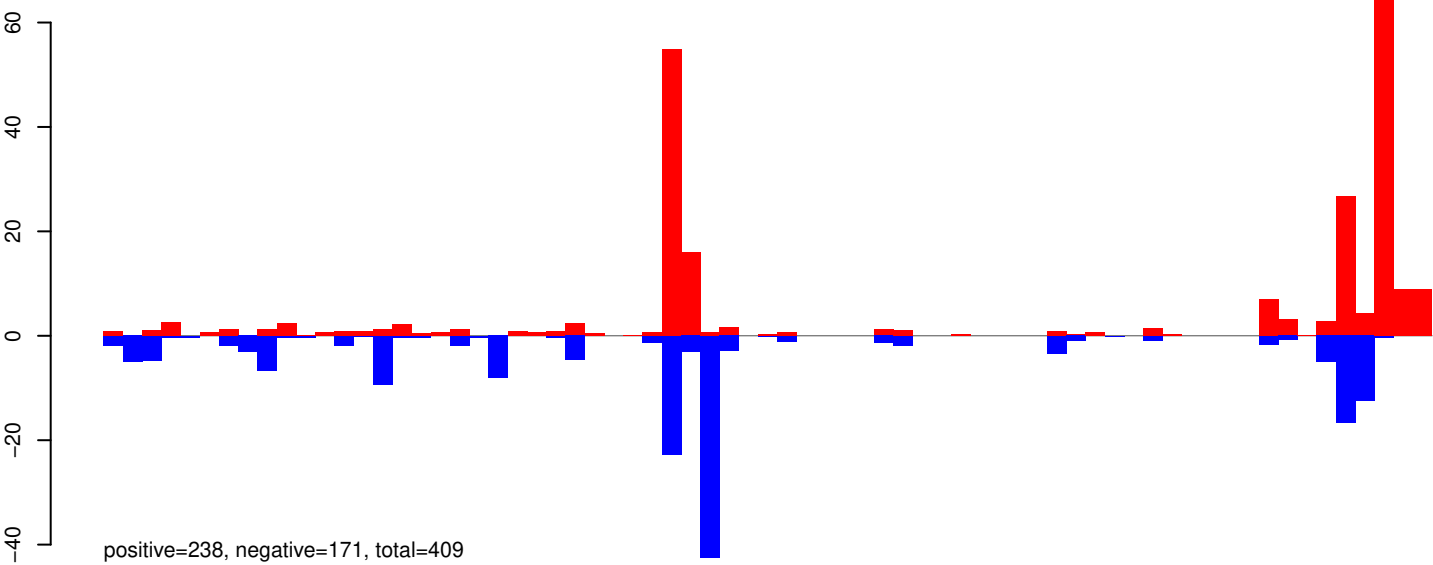
positive=3, negative=50, total=53

Window size=25, length=3340, TE@TF001044-Ty1\_copia\_Ele178:1-3340

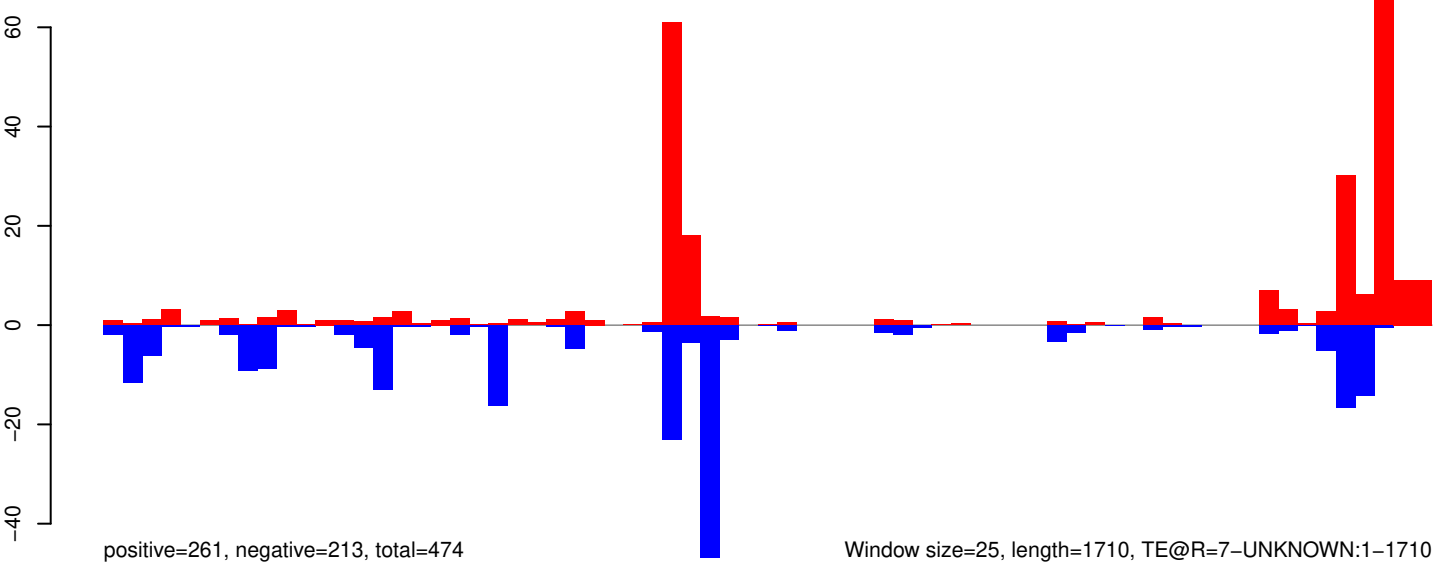
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

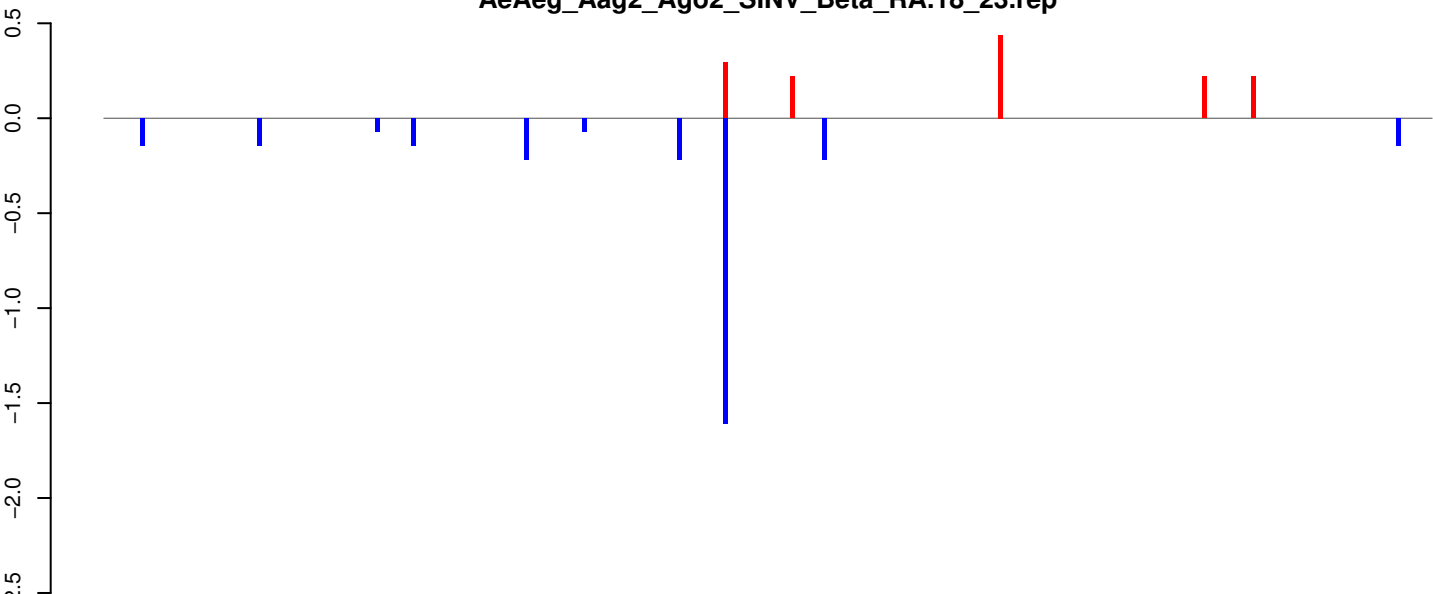


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



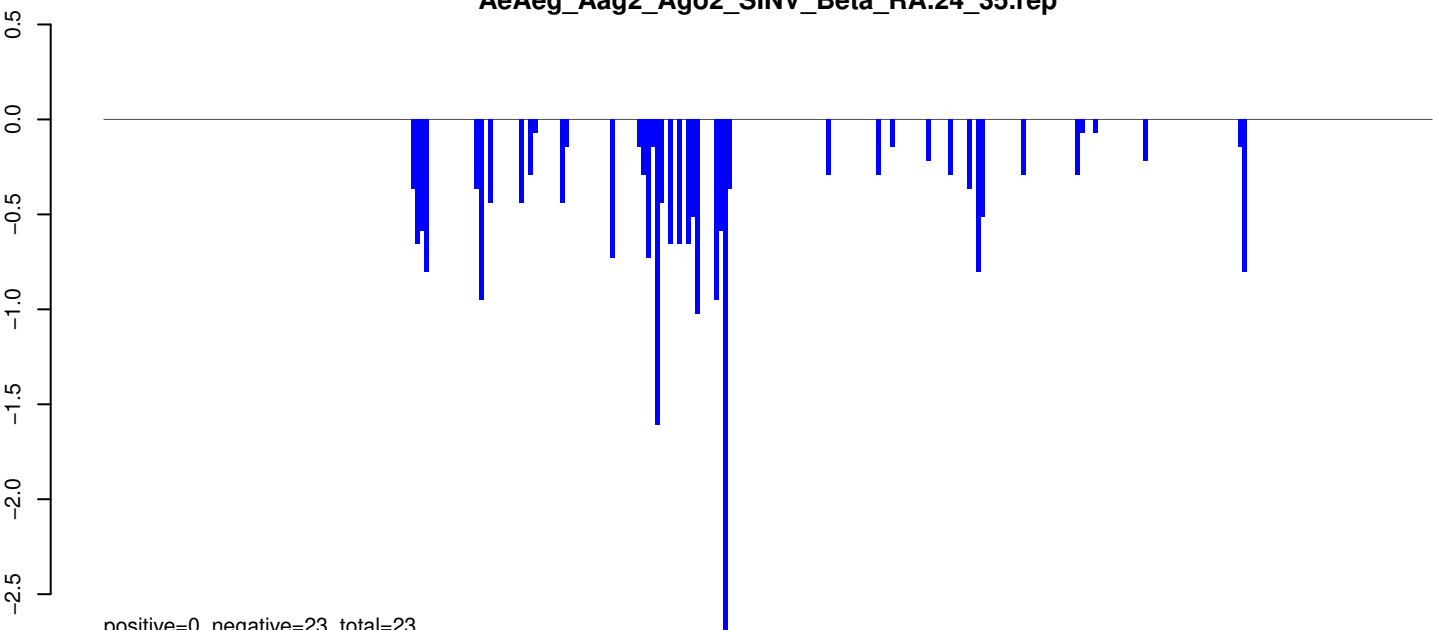
Window size=25, length=1710, TE@R=7-UNKNOWN:1-1710

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



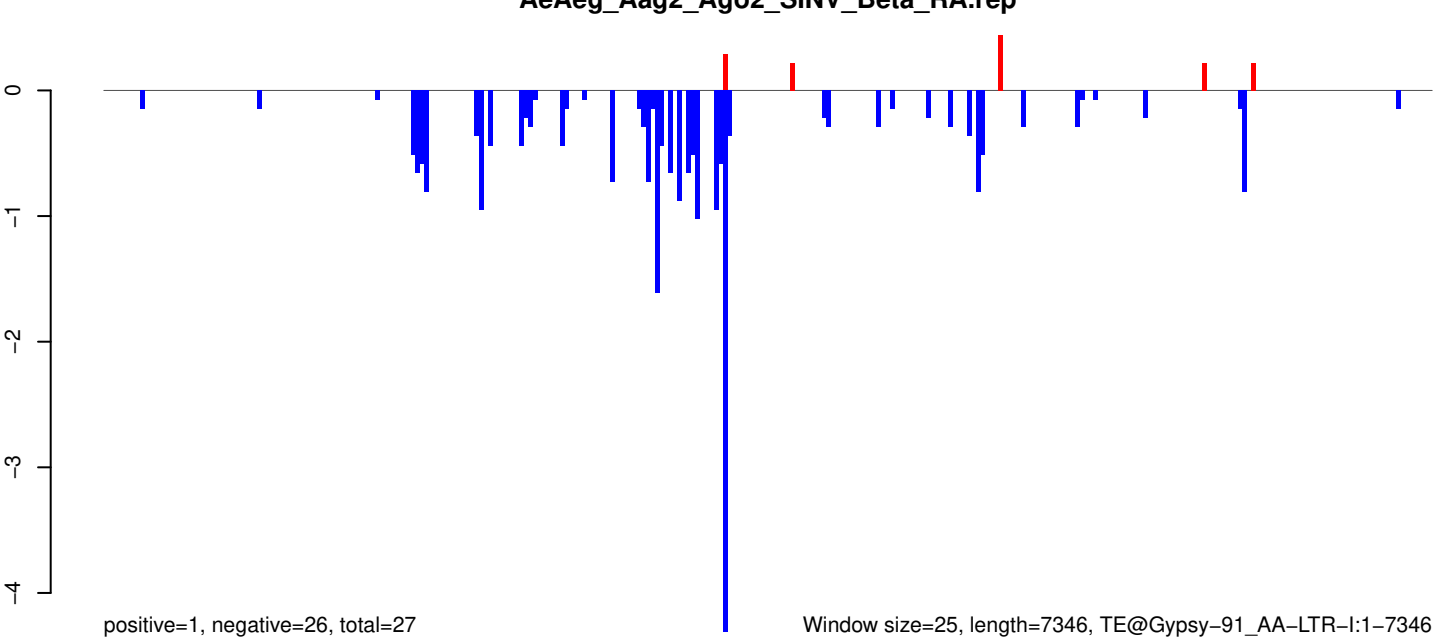
positive=1, negative=3, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=23, total=23

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

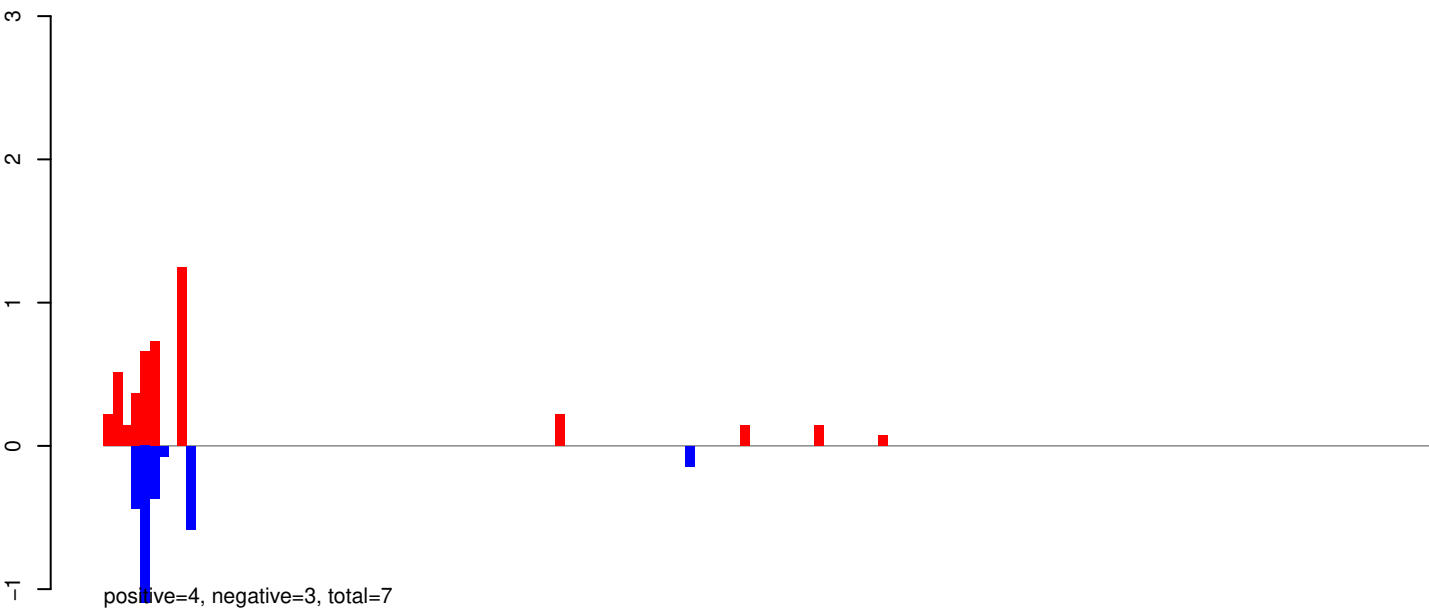


positive=1, negative=26, total=27

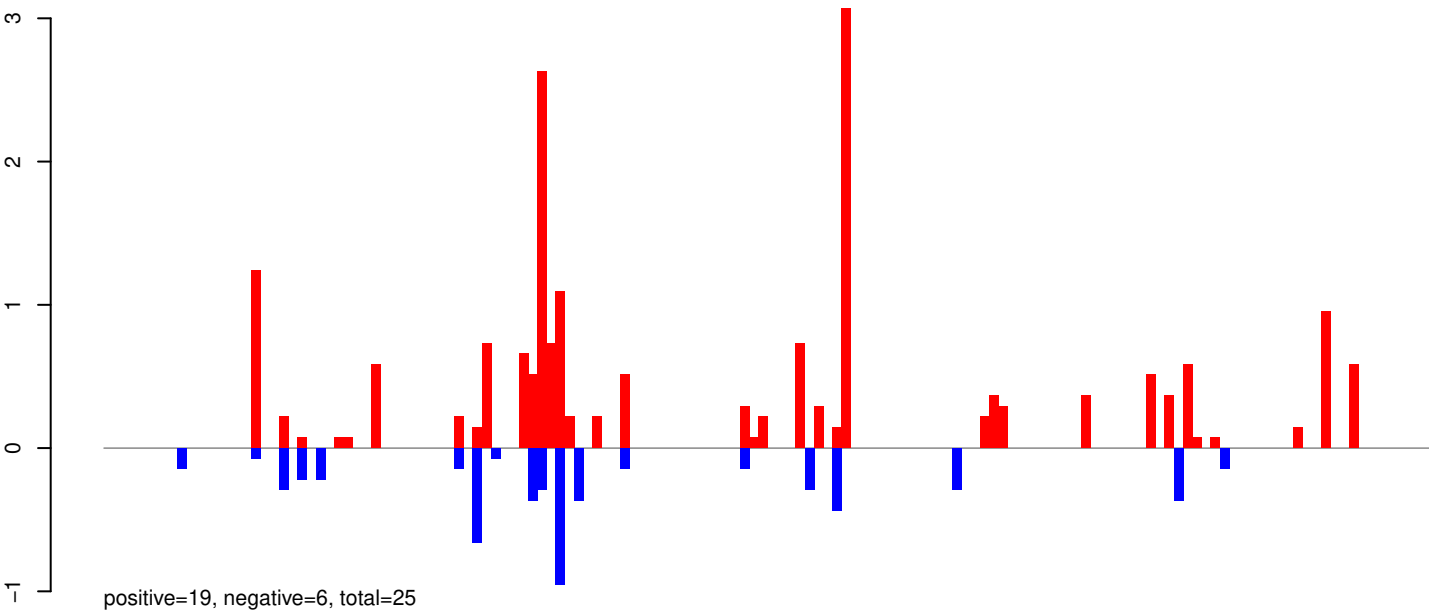
Window size=25, length=7346, TE@Gypsy-91\_AA-LTR-I:1-7346

0 2000 4000 6000

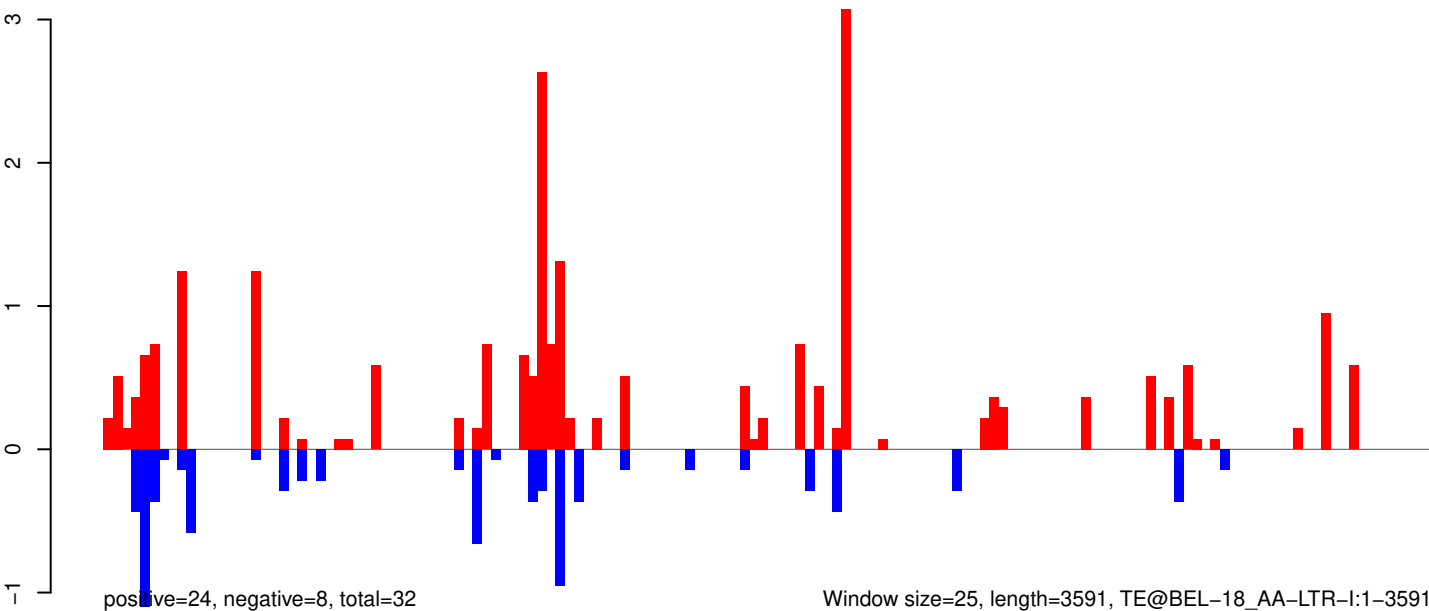
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

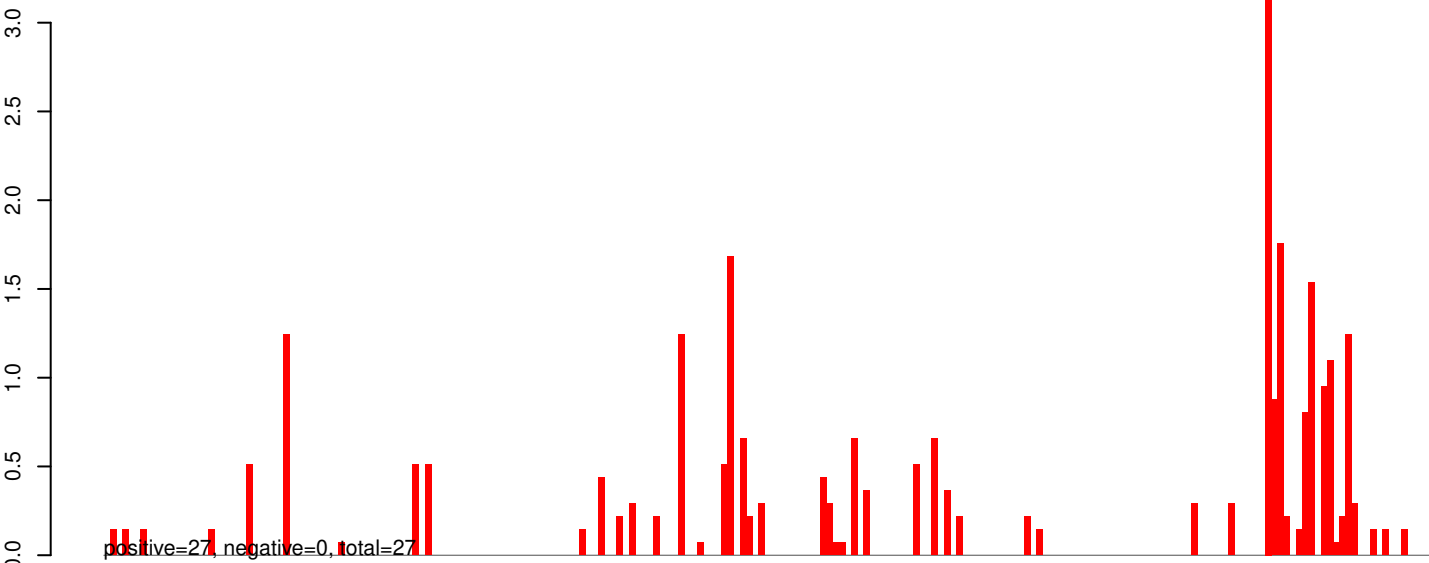


Window size=25, length=3591, TE@BEL-18\_AA-LTR-I:1-3591

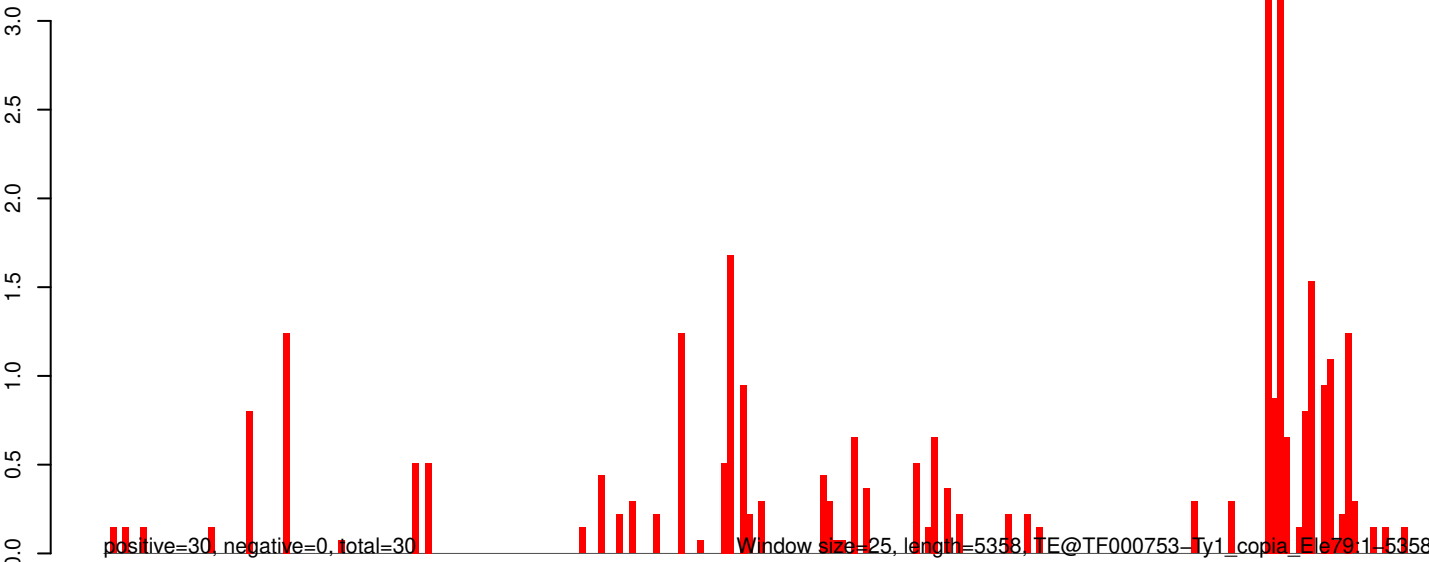
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



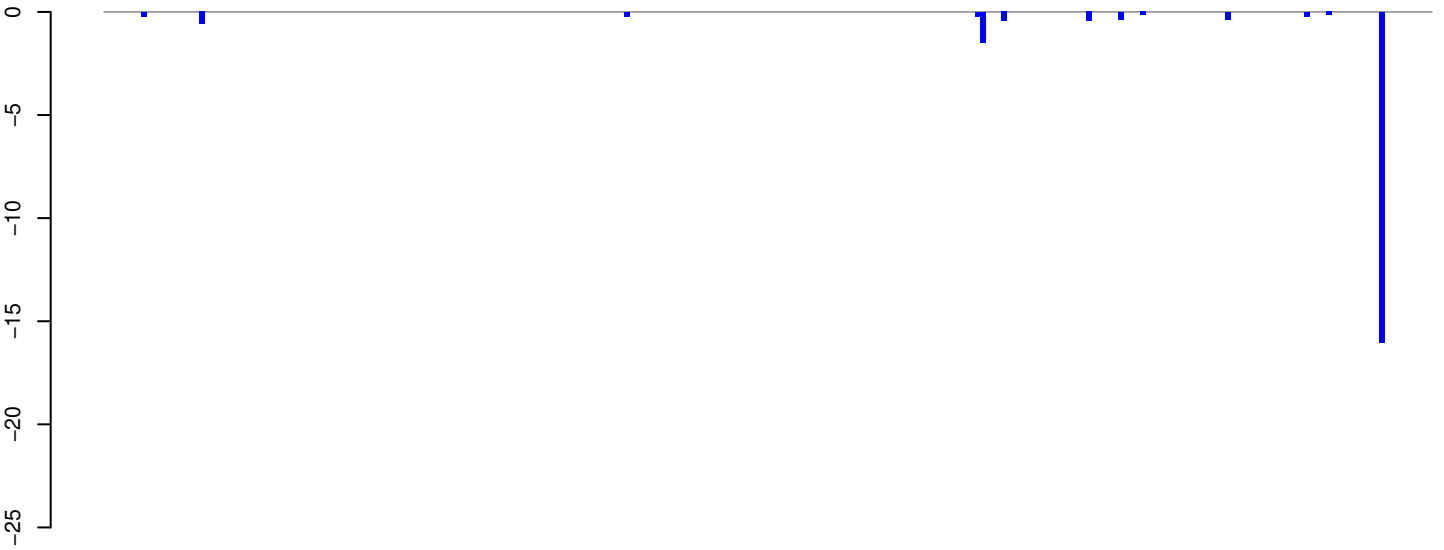
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

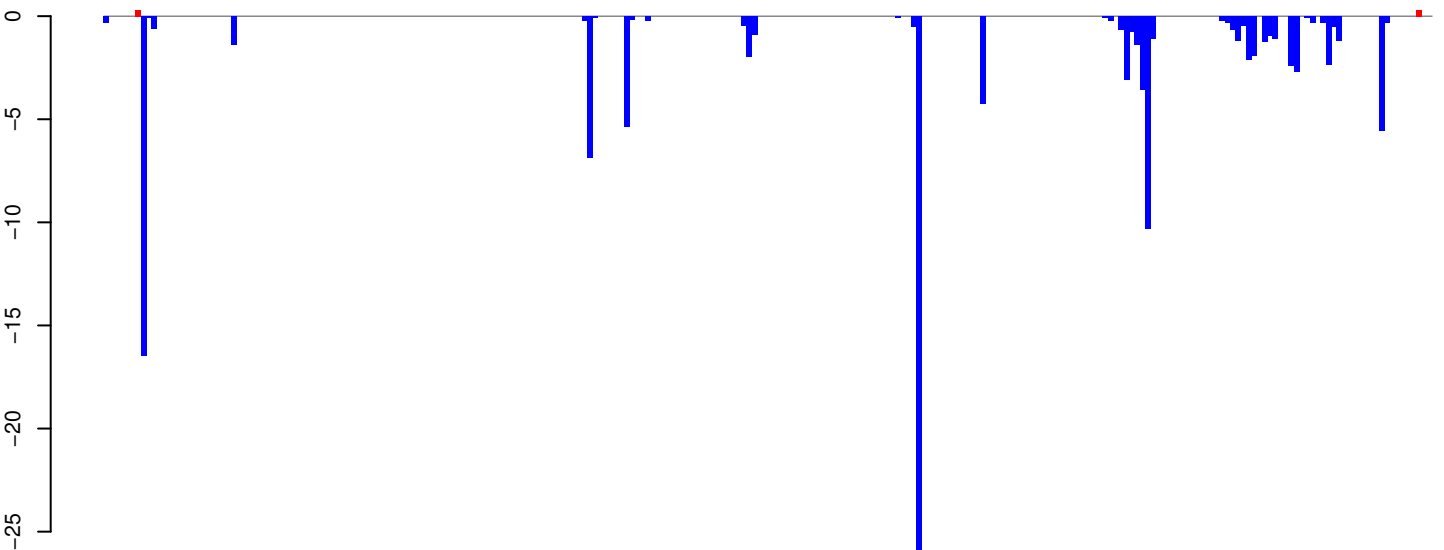


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



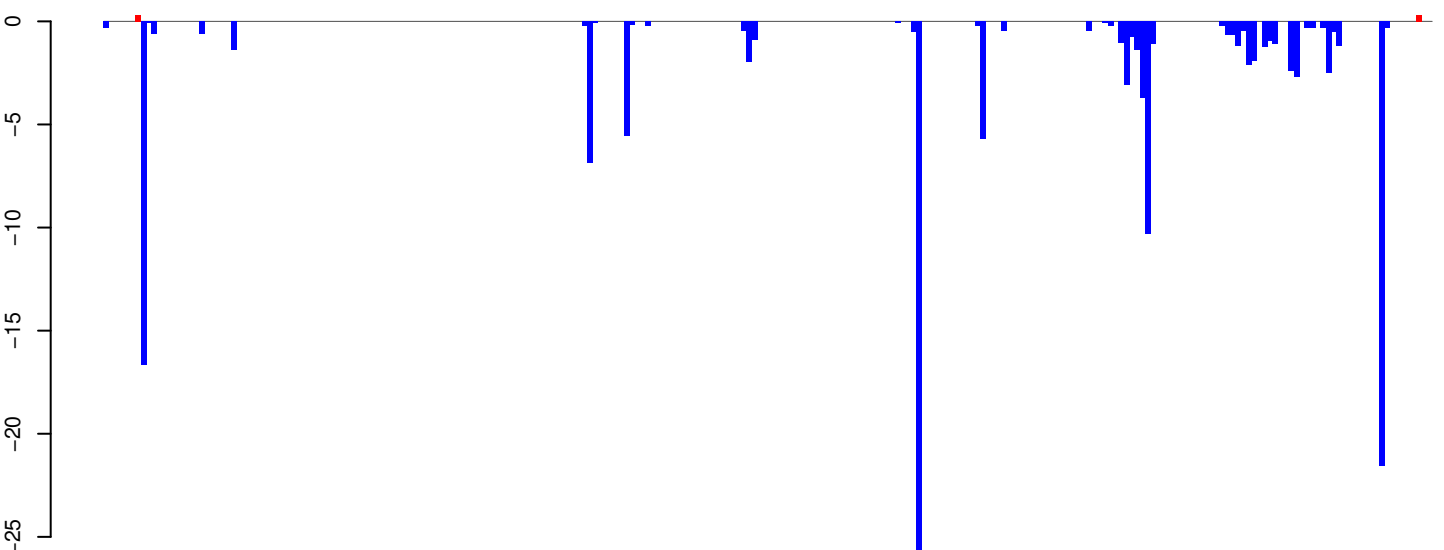
positive=0, negative=21, total=21

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=115, total=116

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

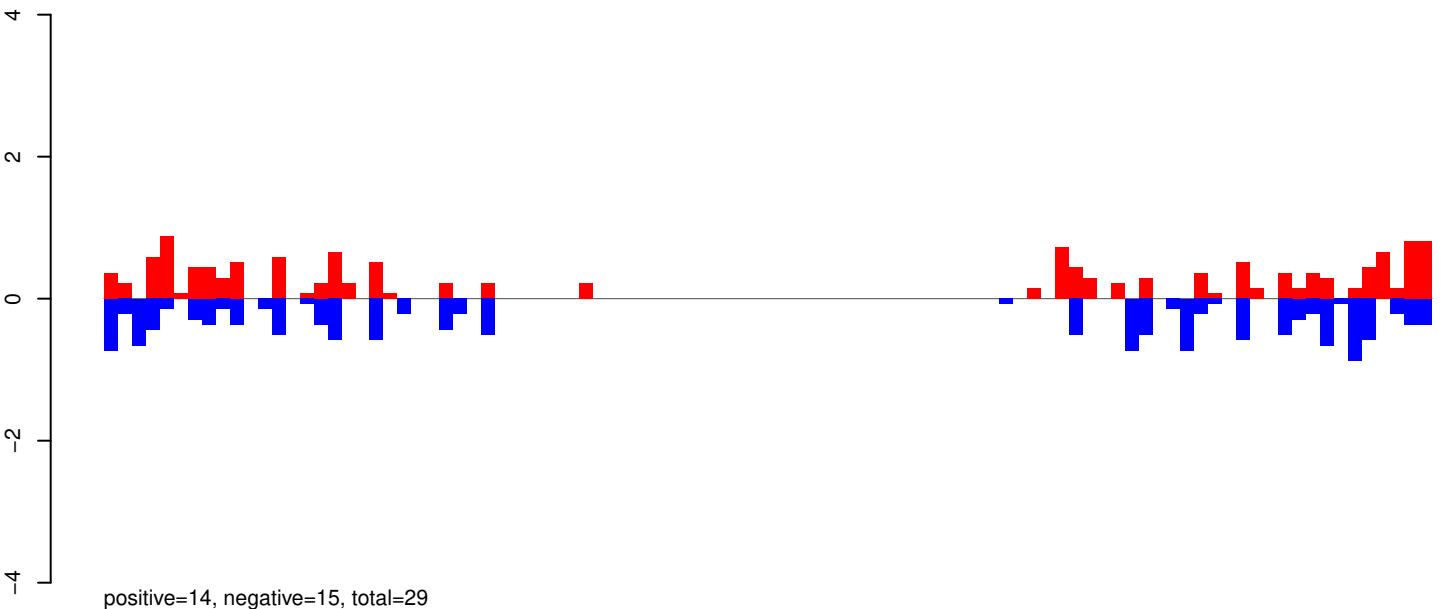


positive=1, negative=136, total=137

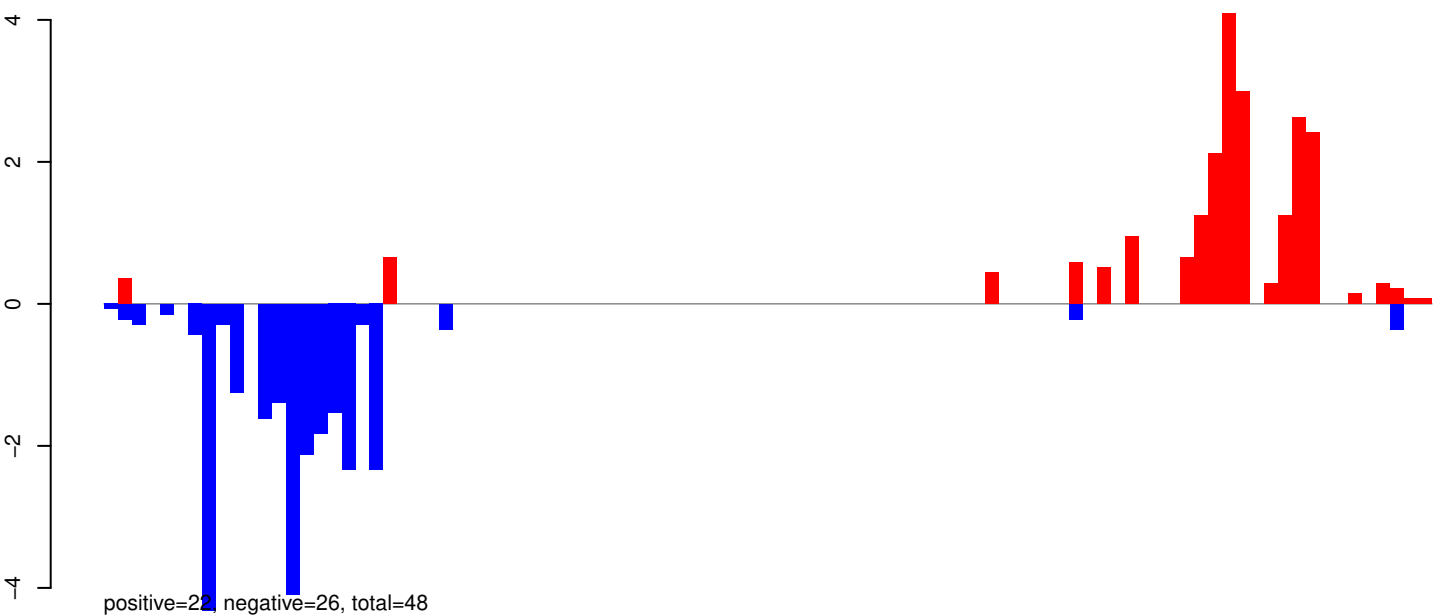
Window size=25, length=6242, TE@TF000427-Ty3\_gypsy\_Ele130:1-6242

0 1000 2000 3000 4000 5000 6000

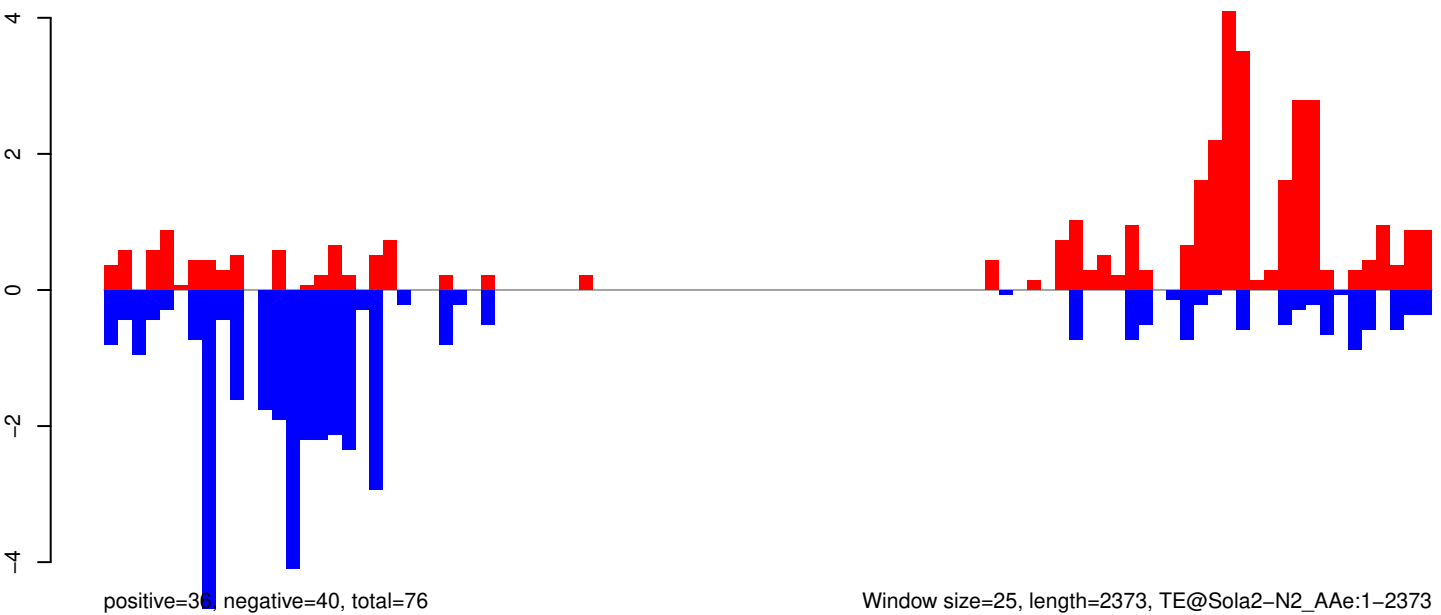
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

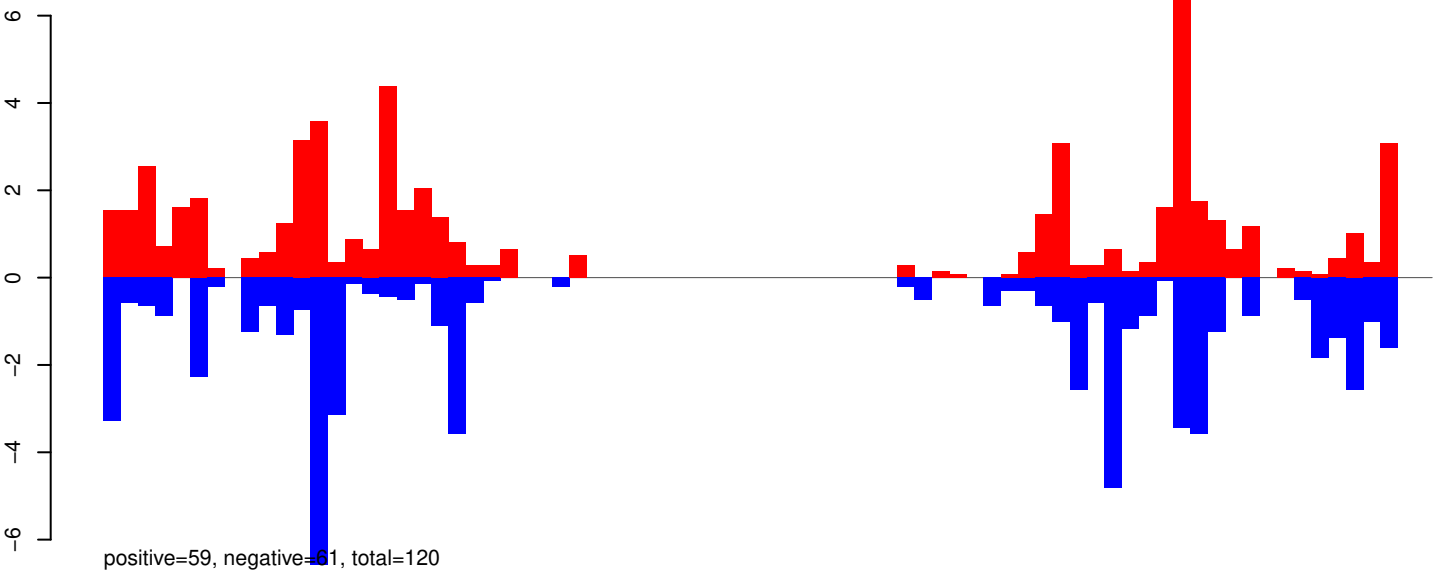


Window size=25, length=2373, TE@Sola2-N2\_AAe:1-2373

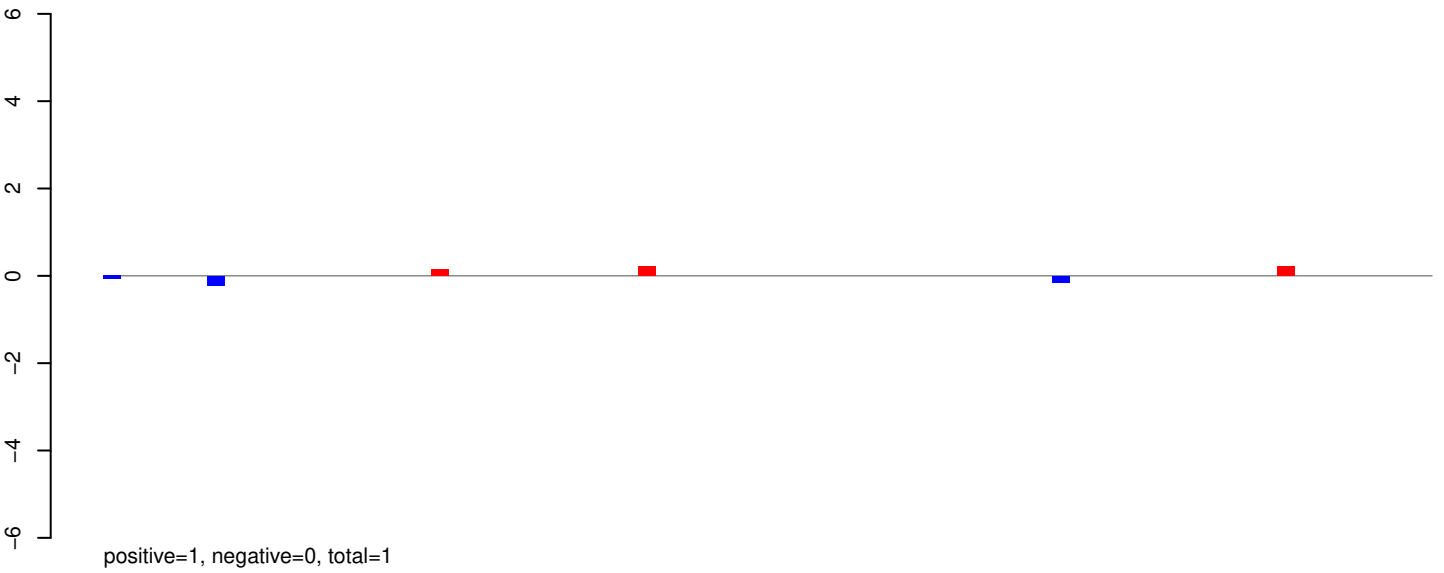
0 500 1000 1500 2000



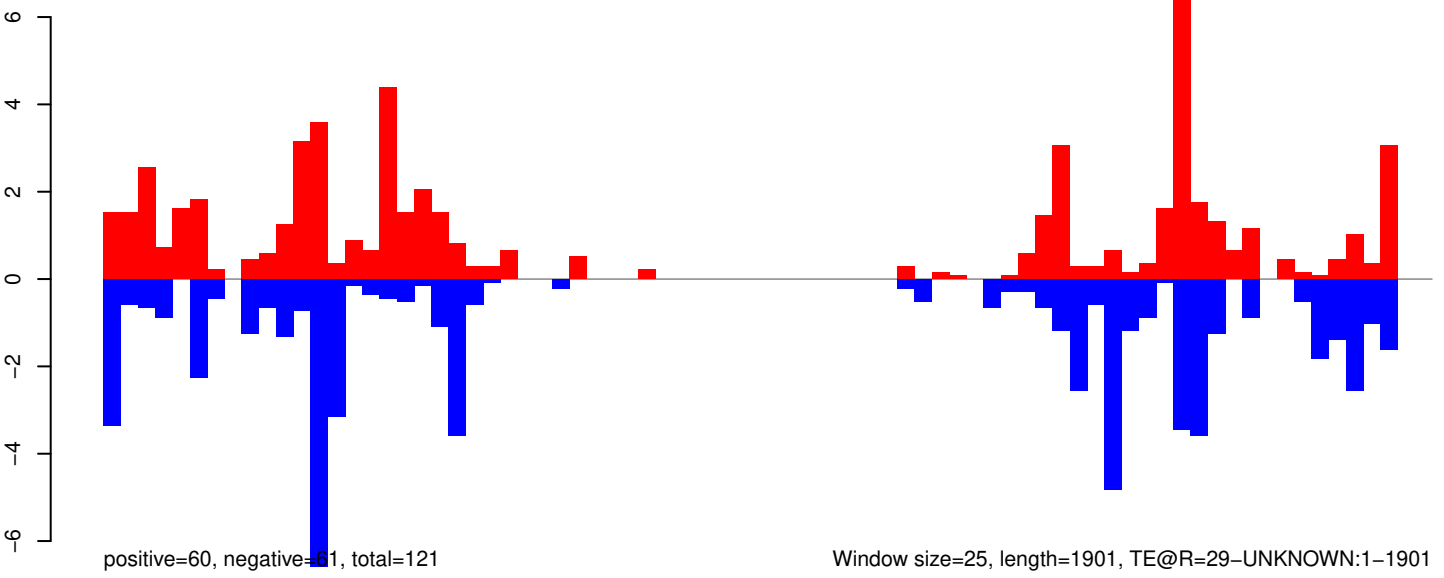
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



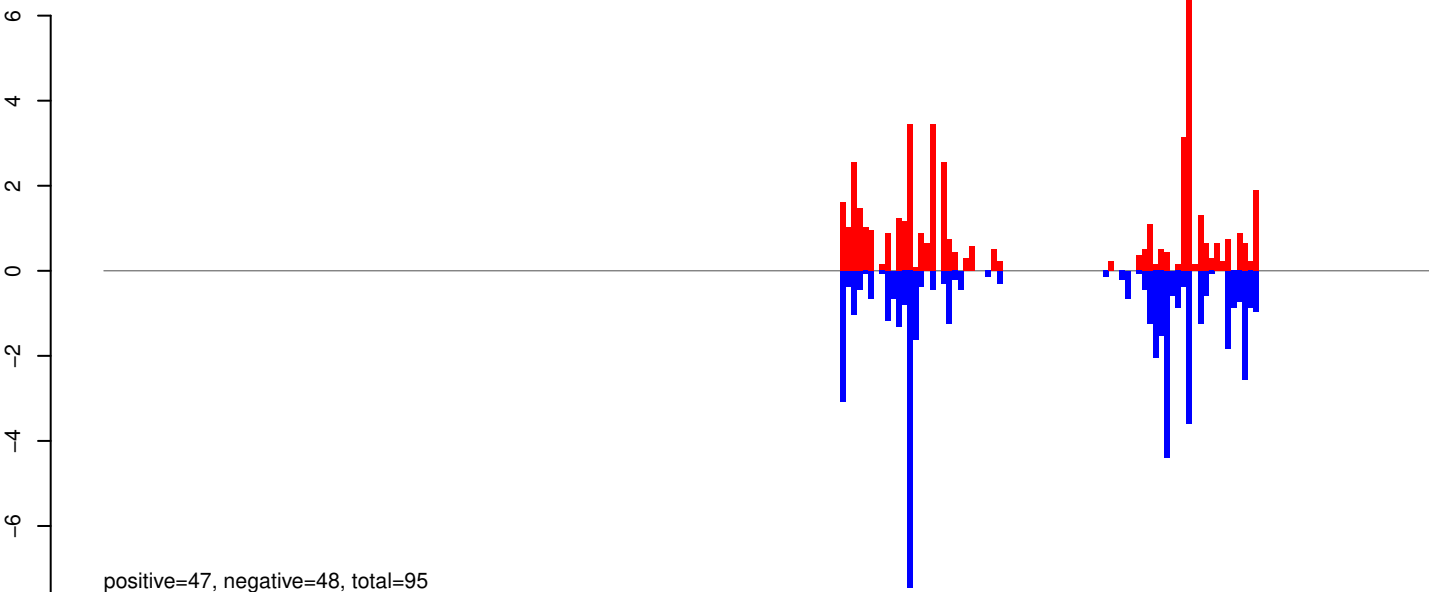
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



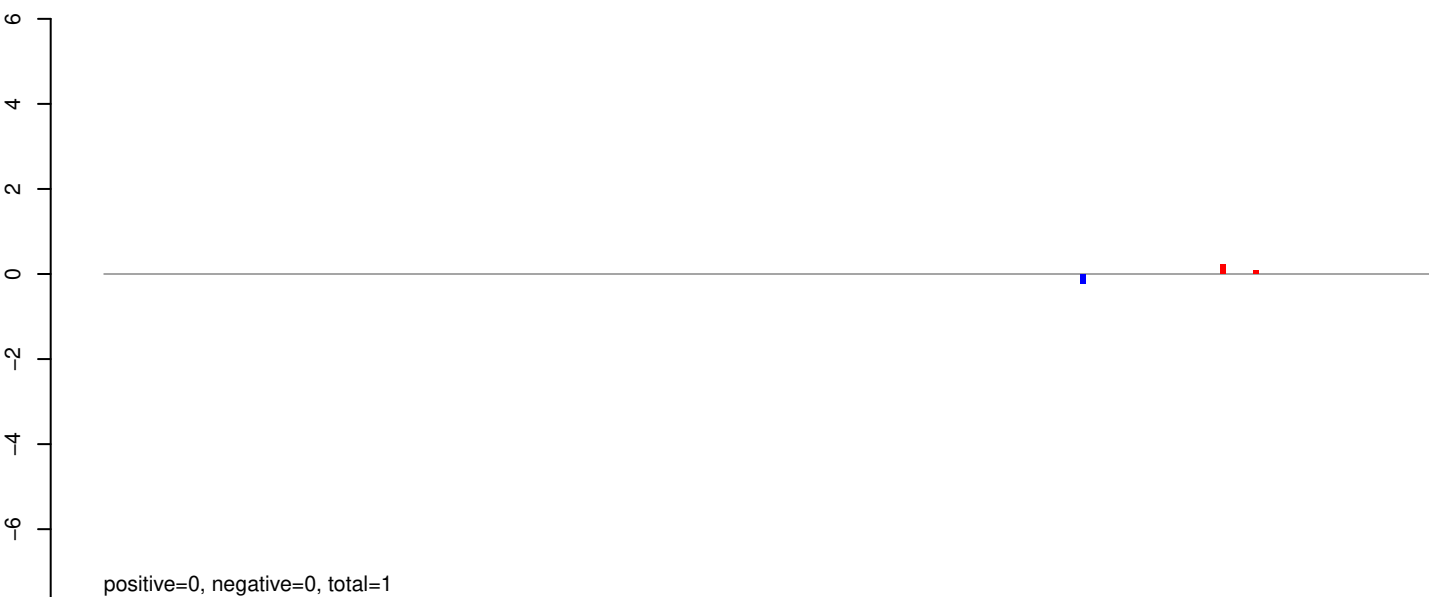
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



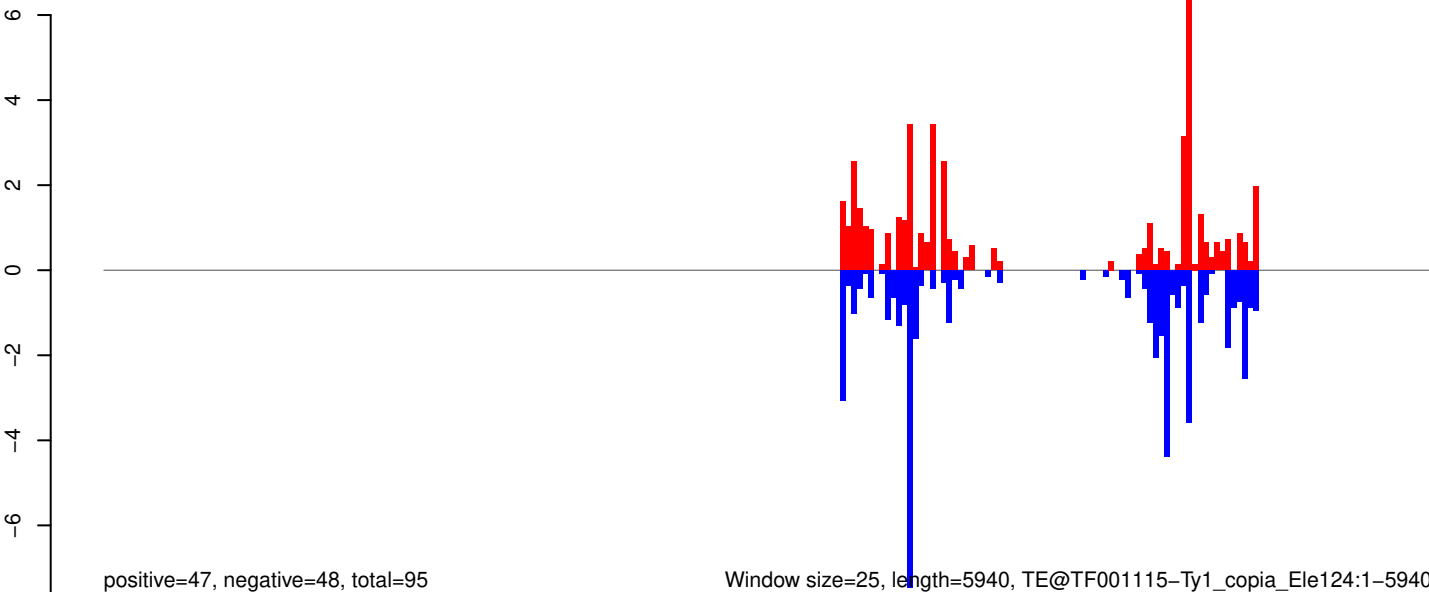
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



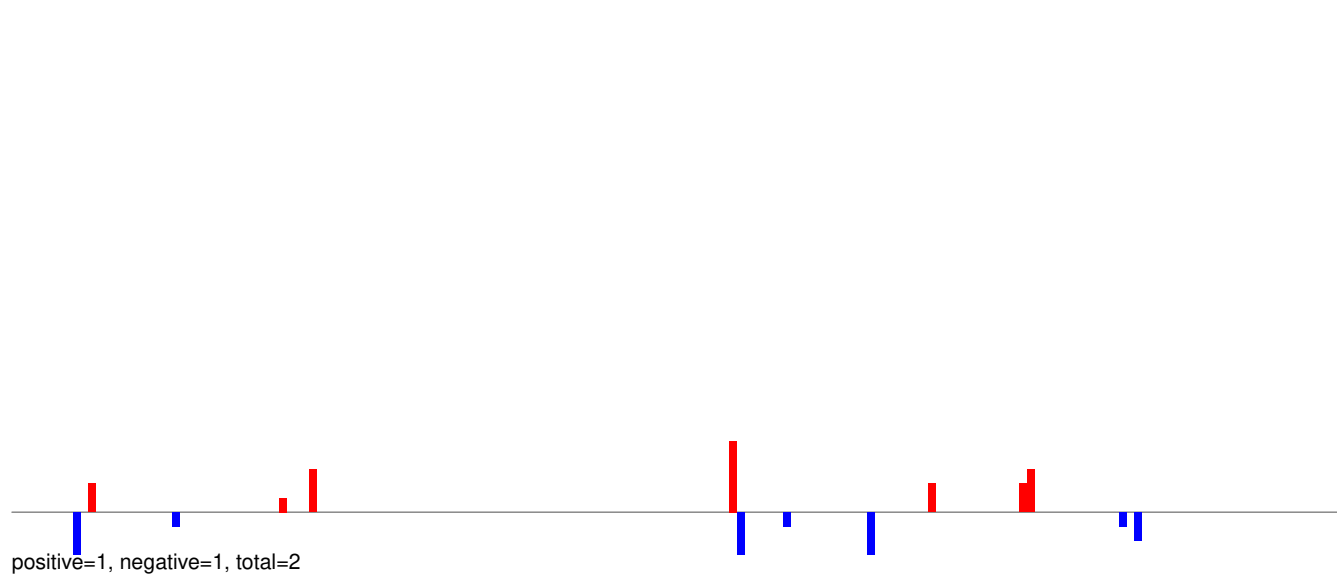
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



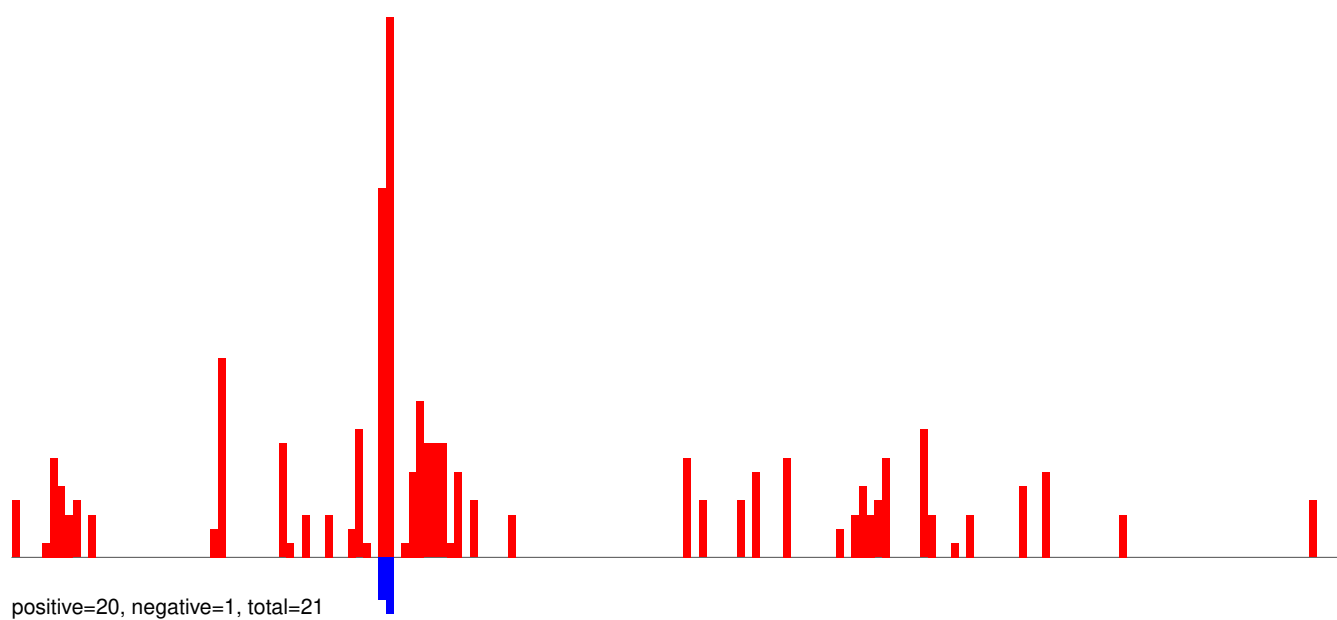
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



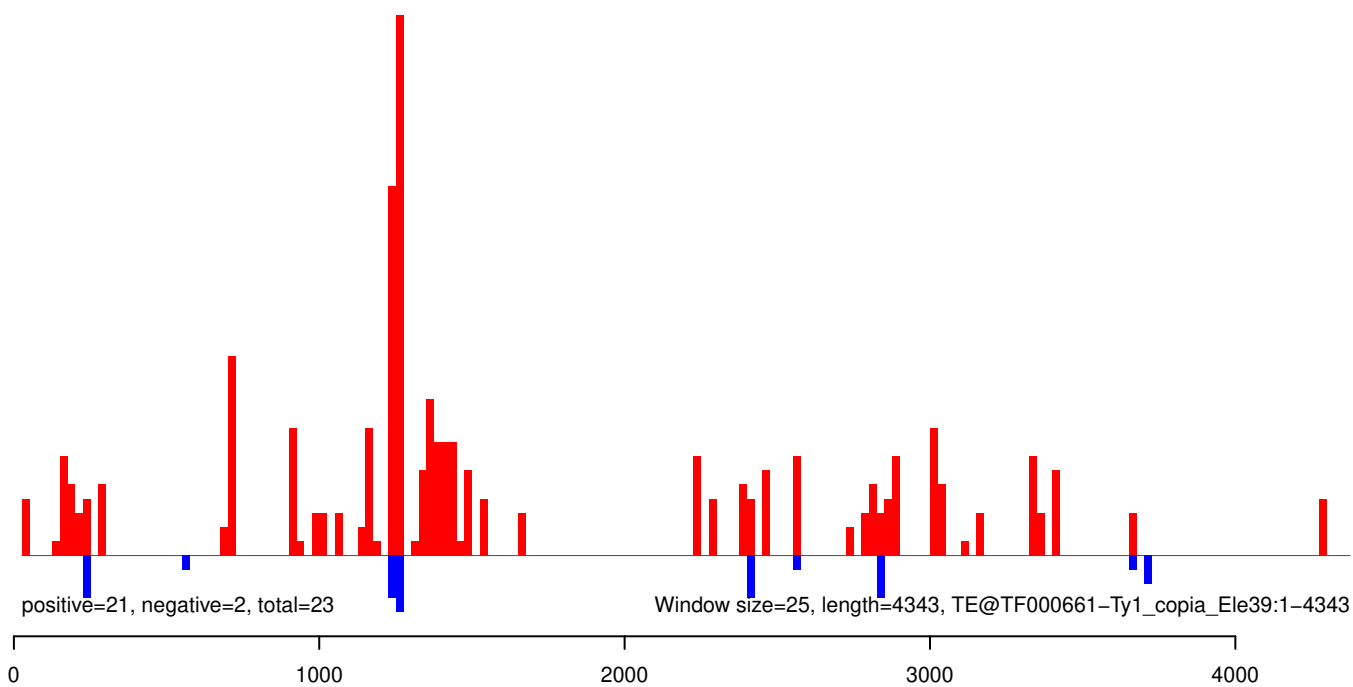
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



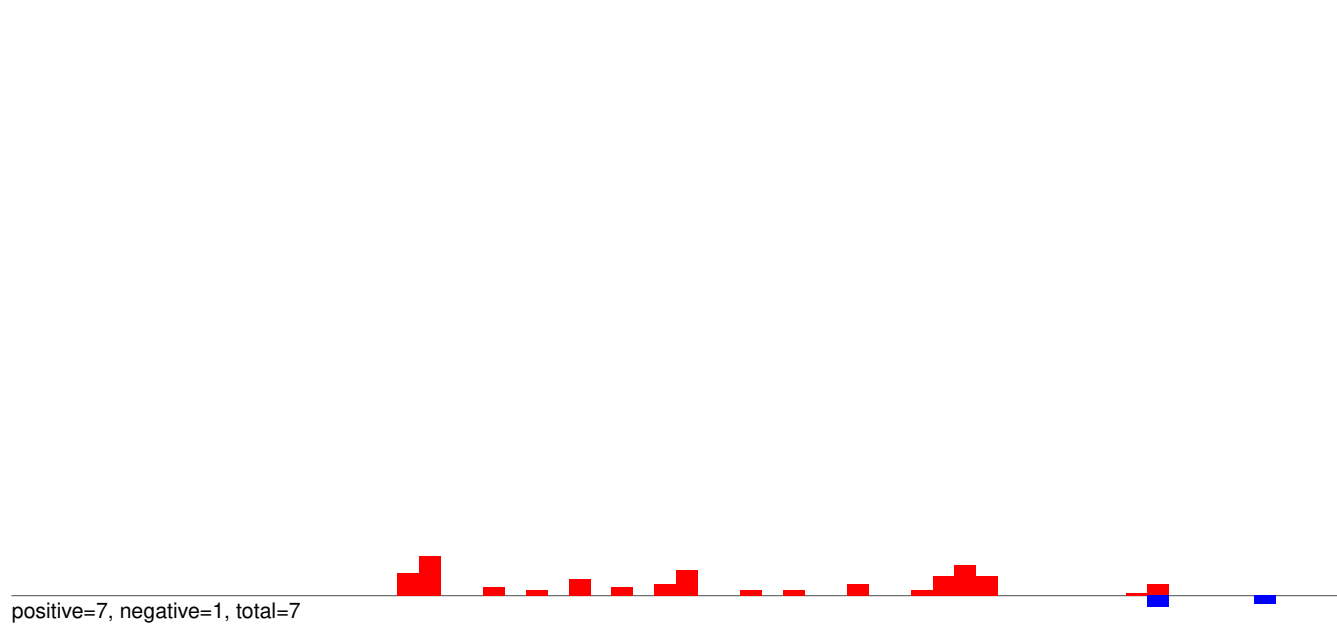
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



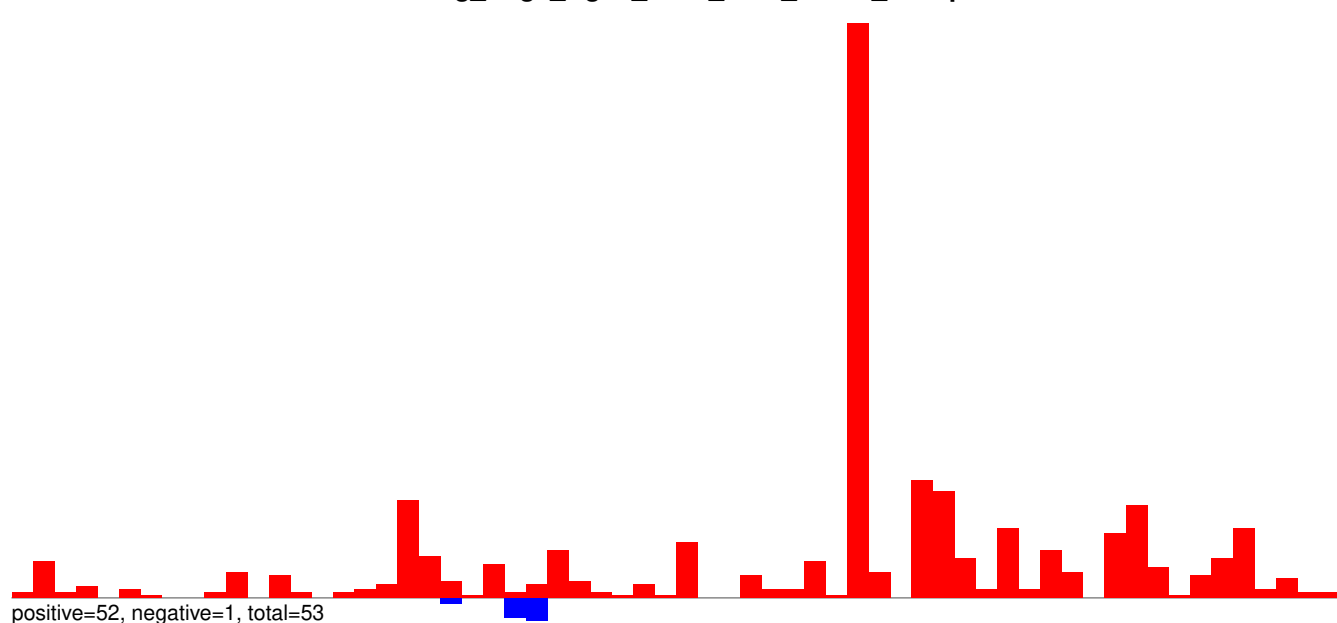
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



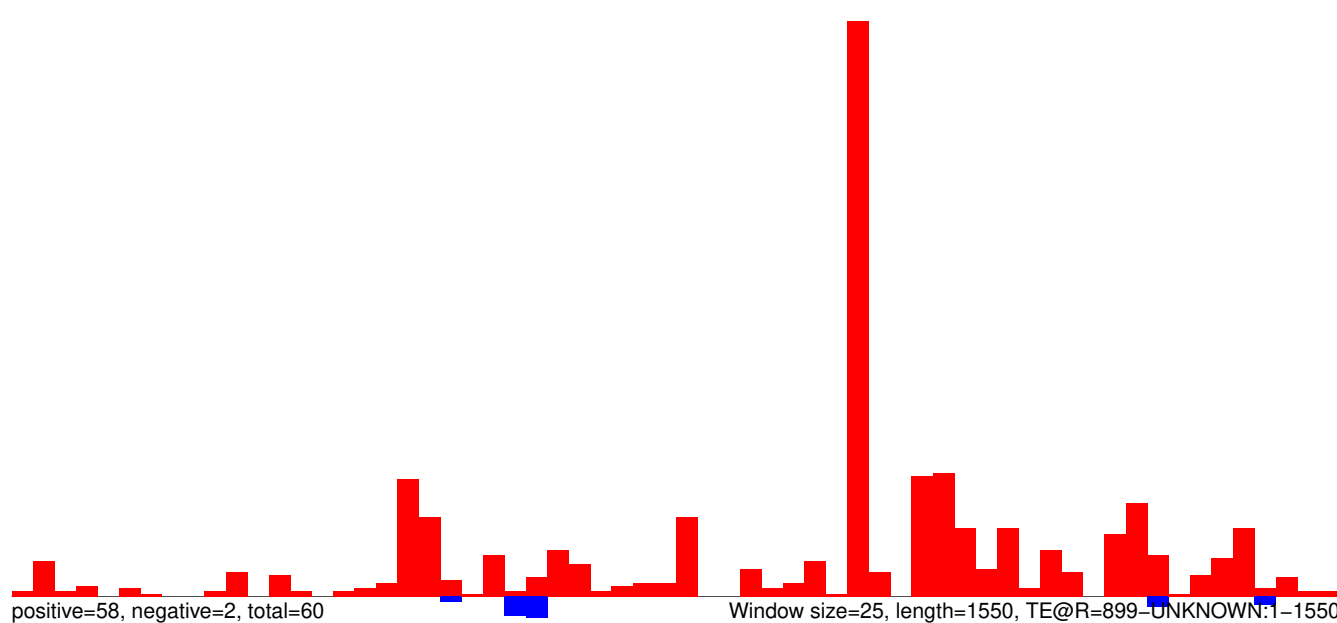
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



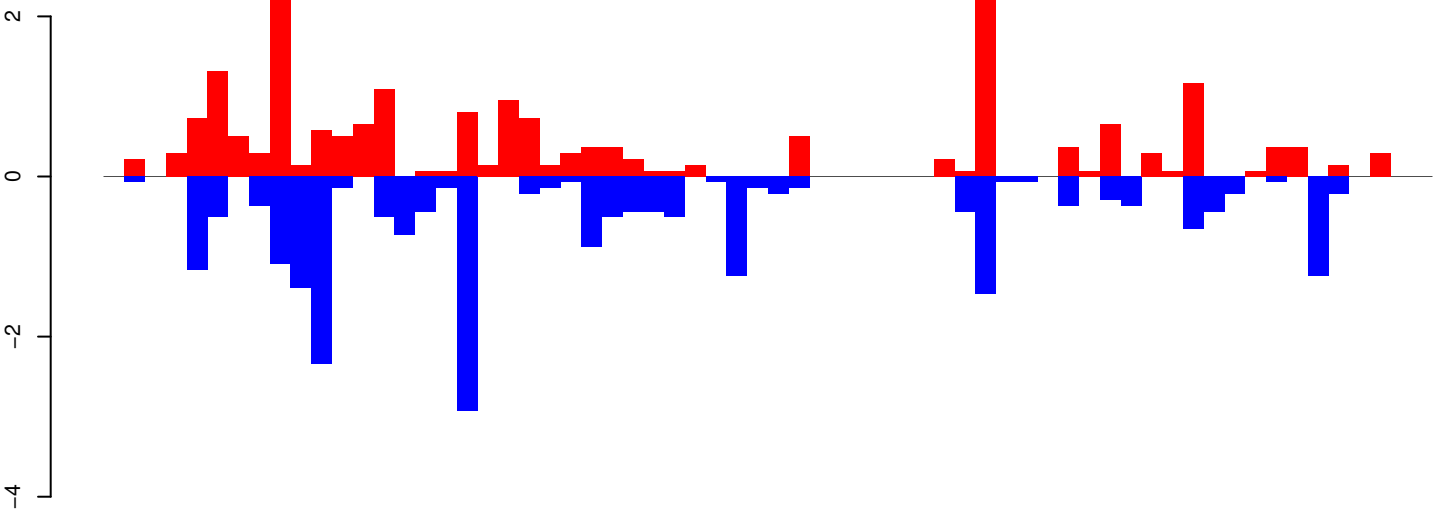
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

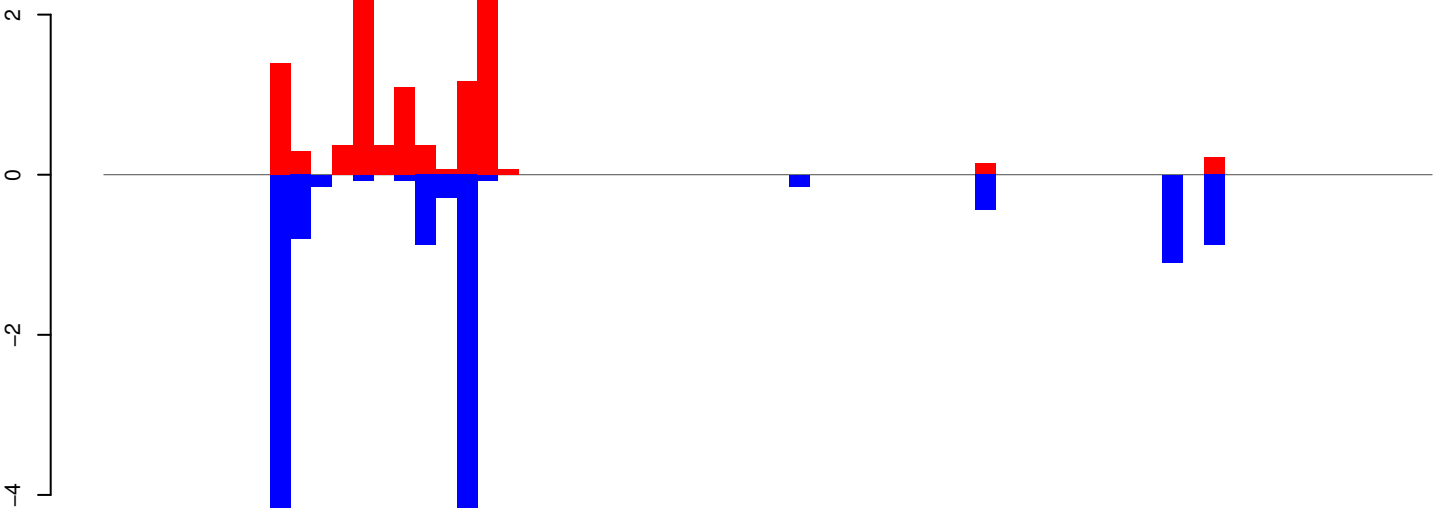


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



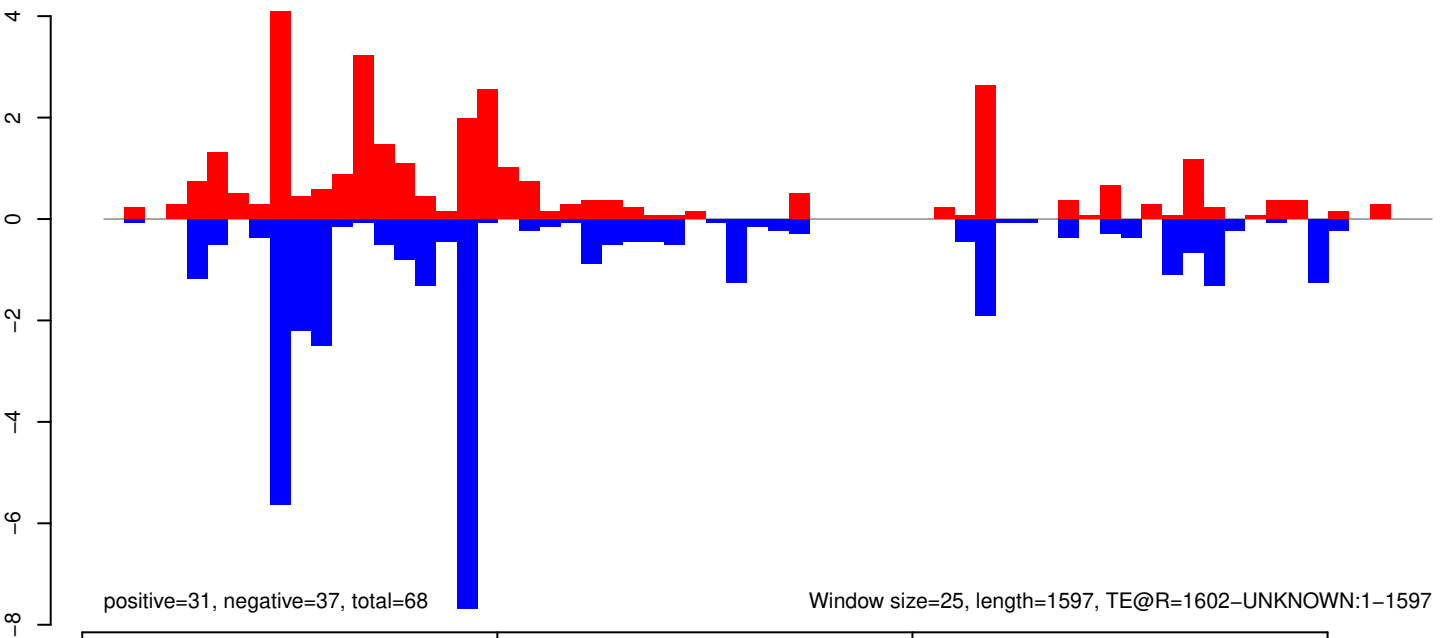
positive=21, negative=23, total=44

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=11, negative=14, total=25

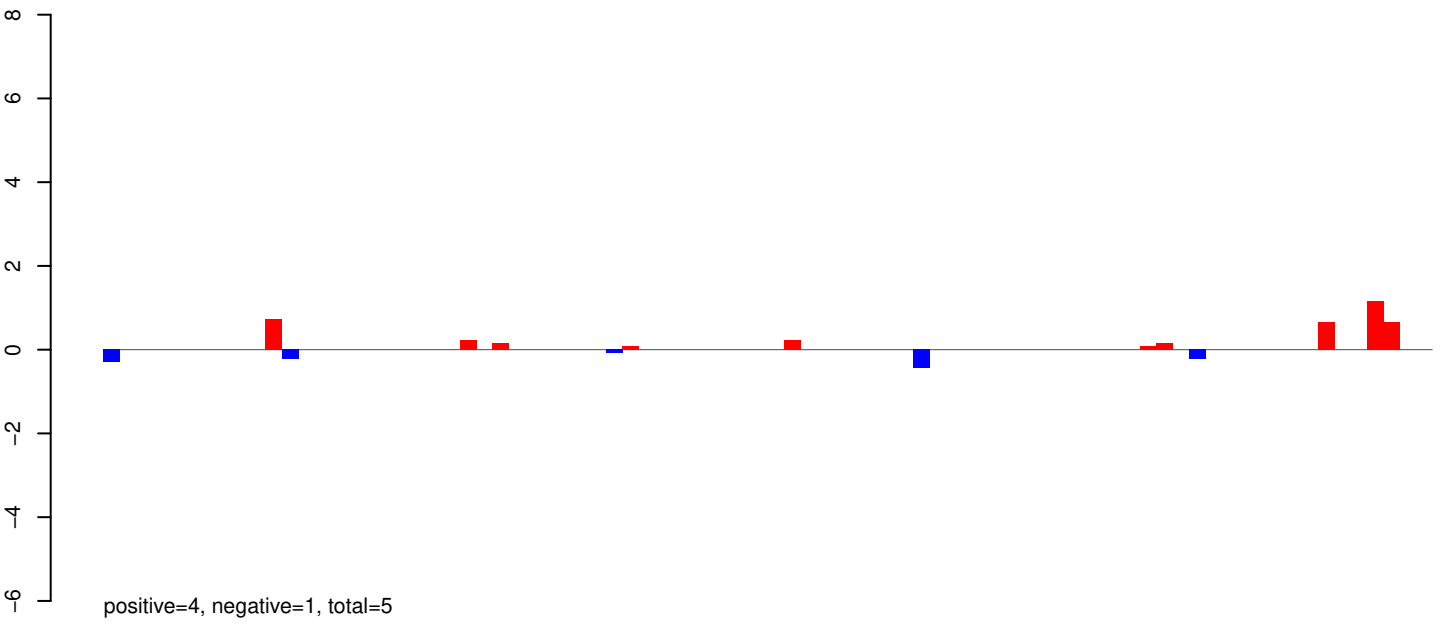
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



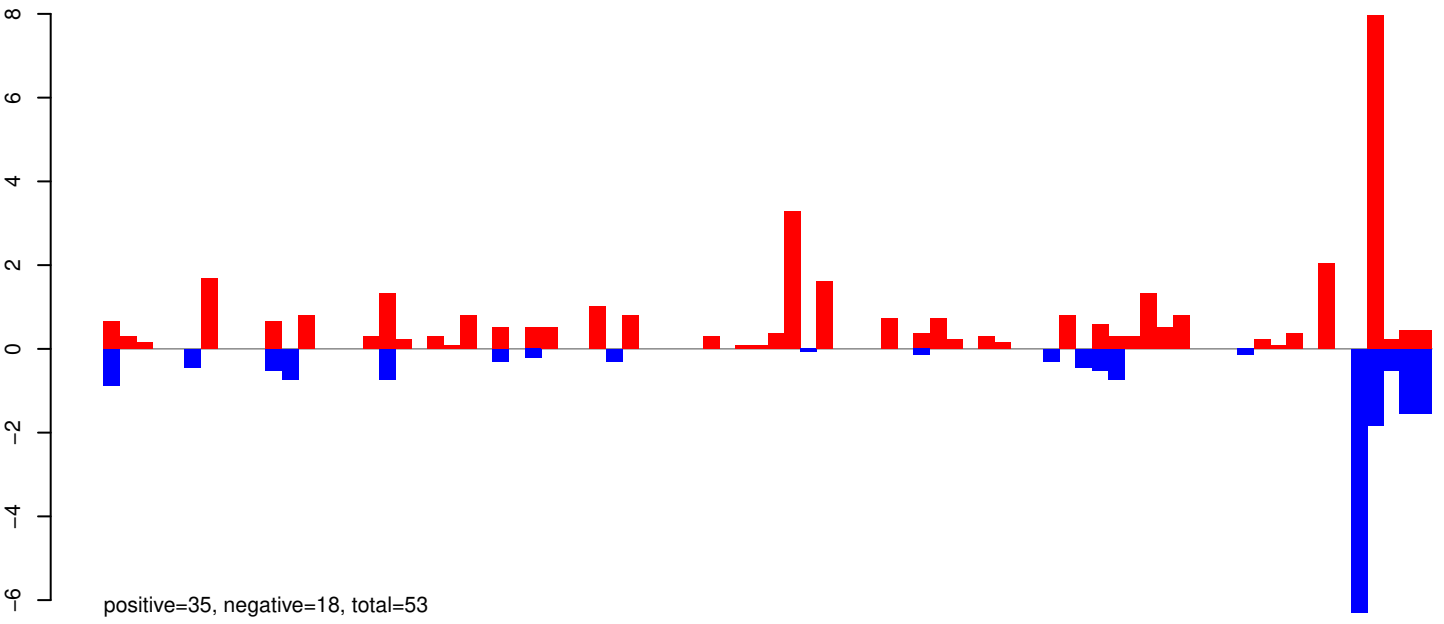
positive=31, negative=37, total=68

Window size=25, length=1597, TE@R=1602-UNKNOWN:1-1597

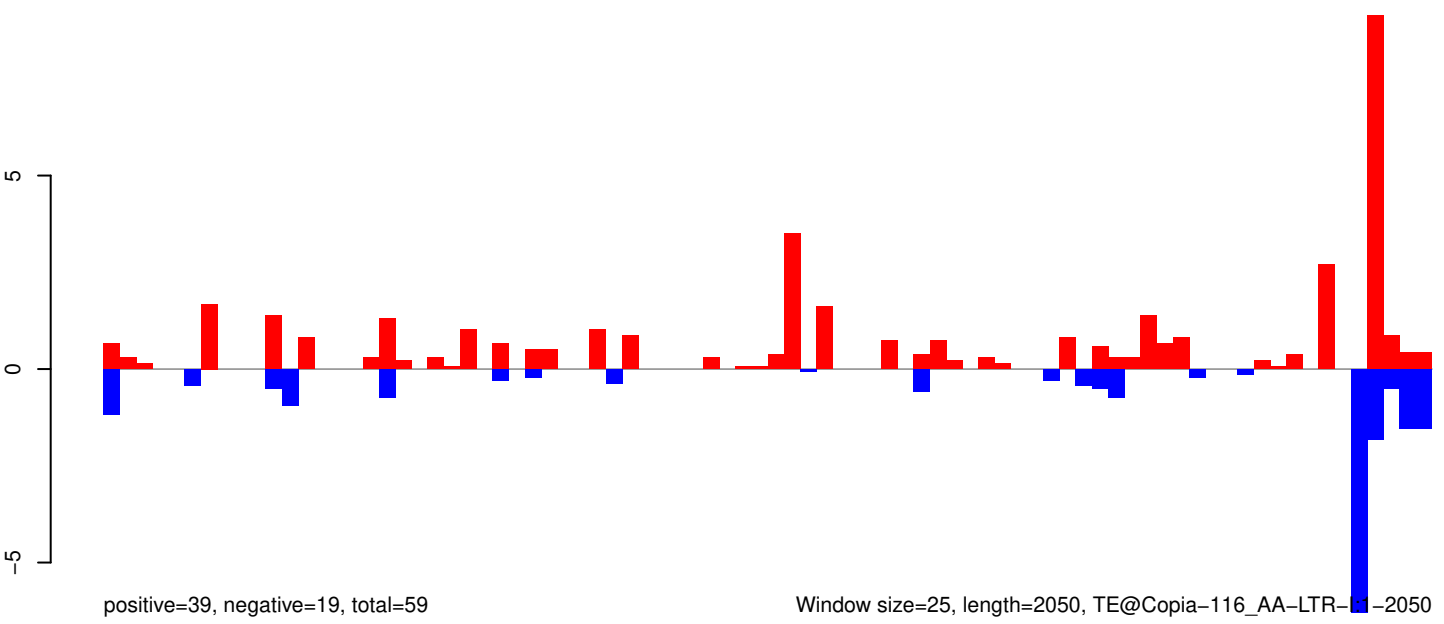
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

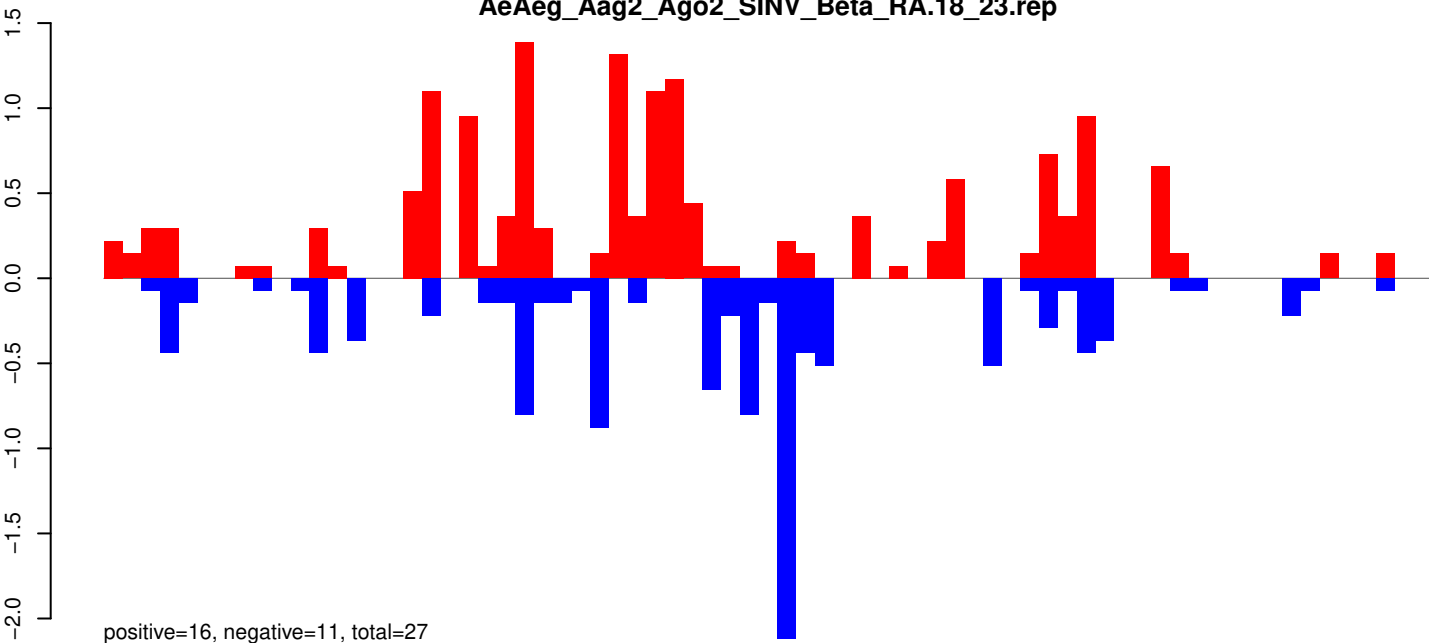


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

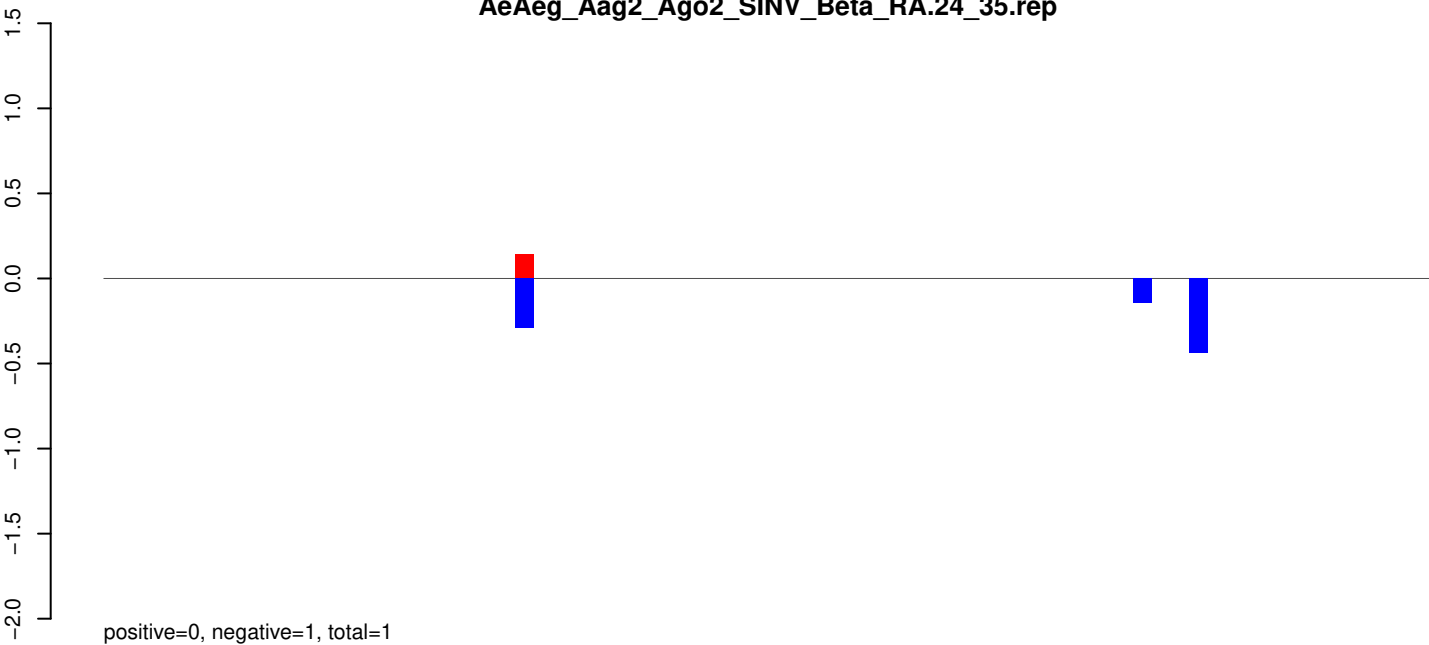


Window size=25, length=2050, TE@Copia-116\_AA-LTR-11-2050

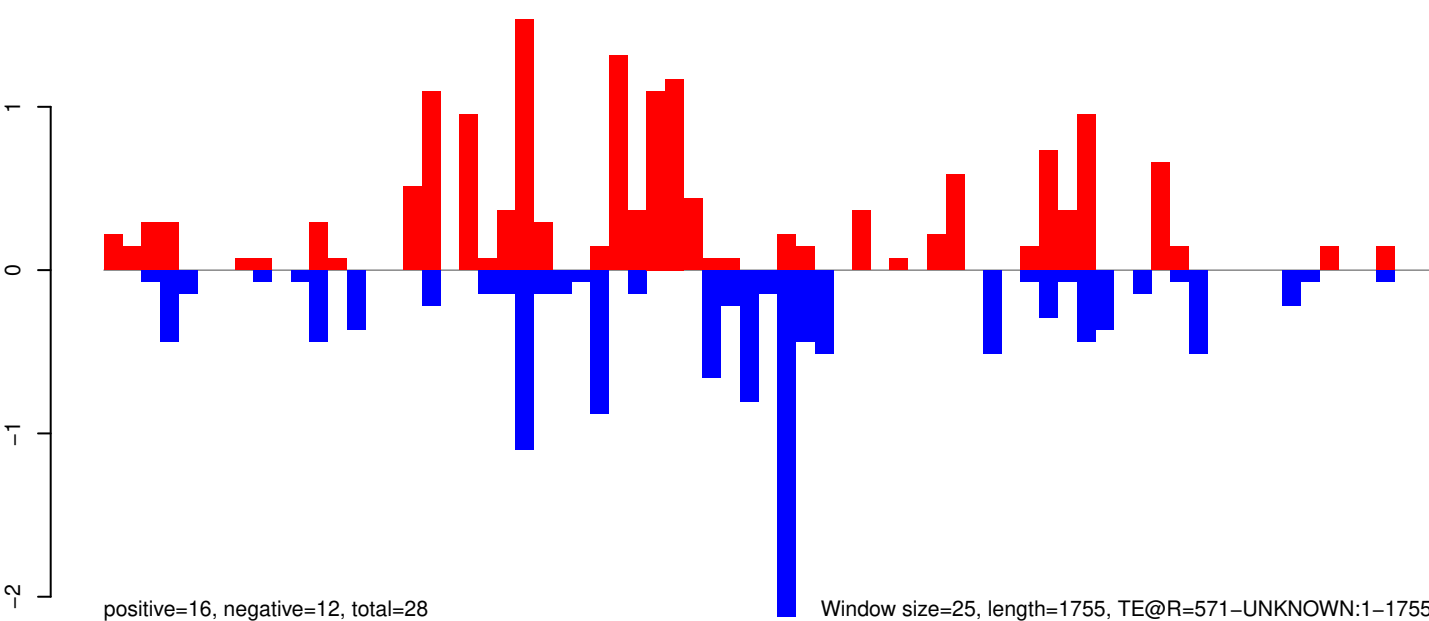
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



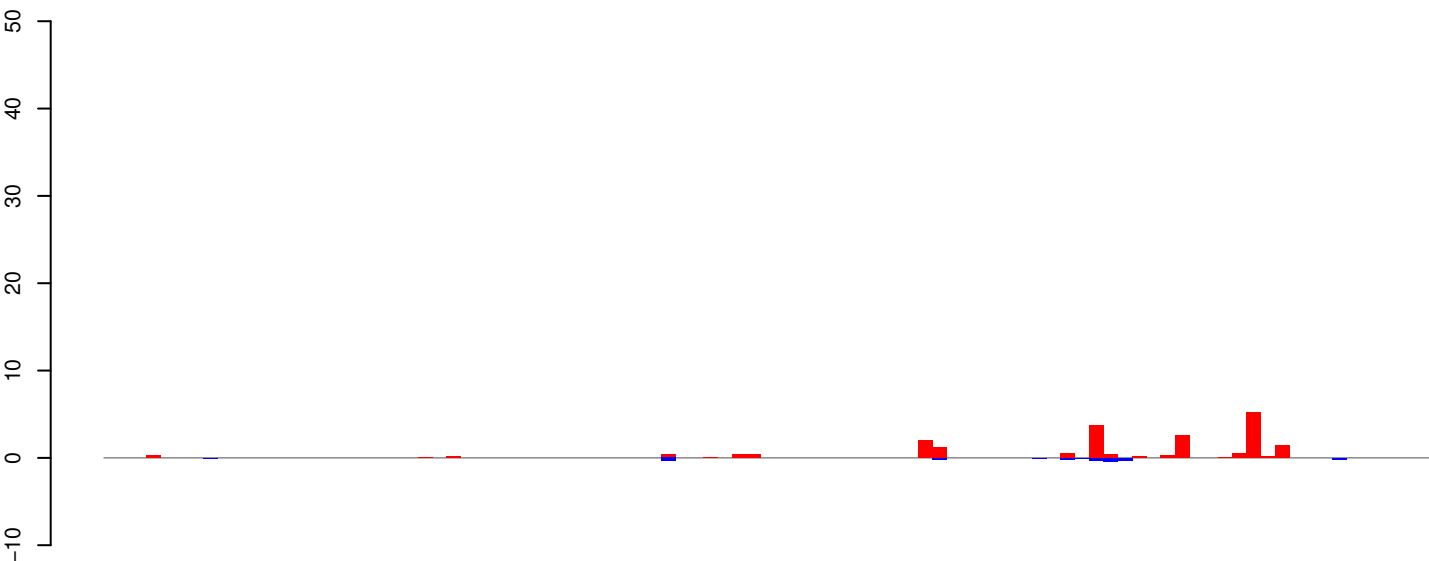
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

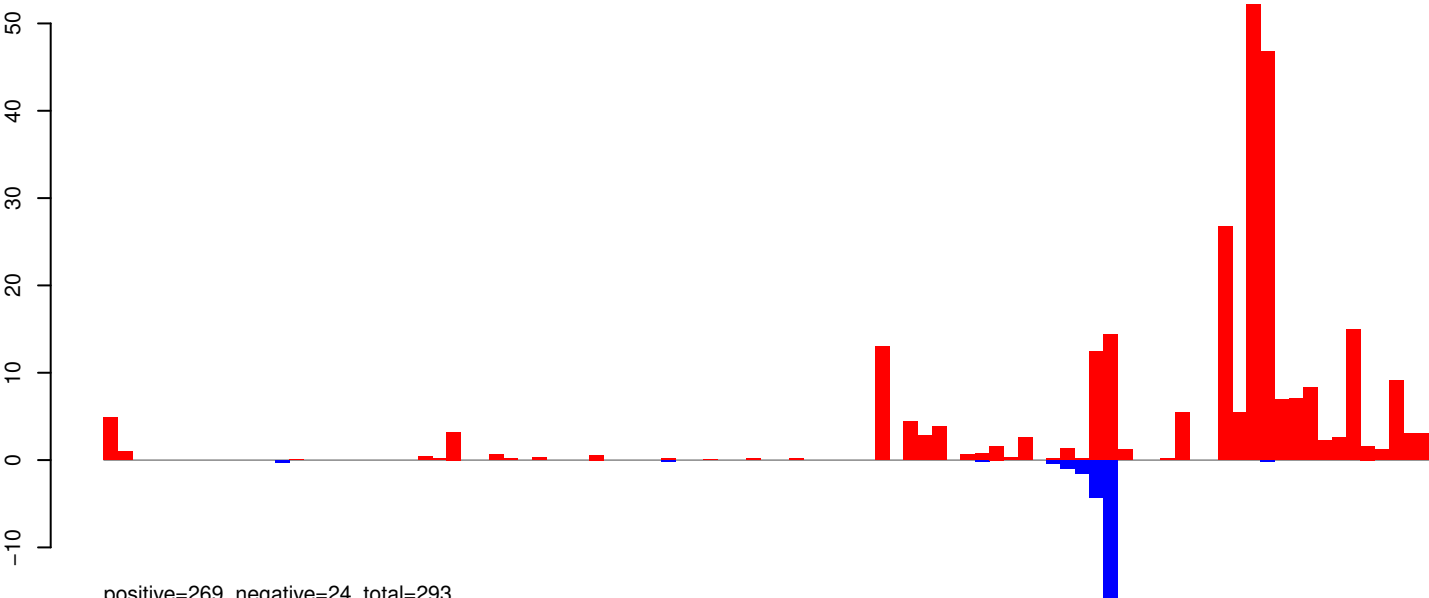


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



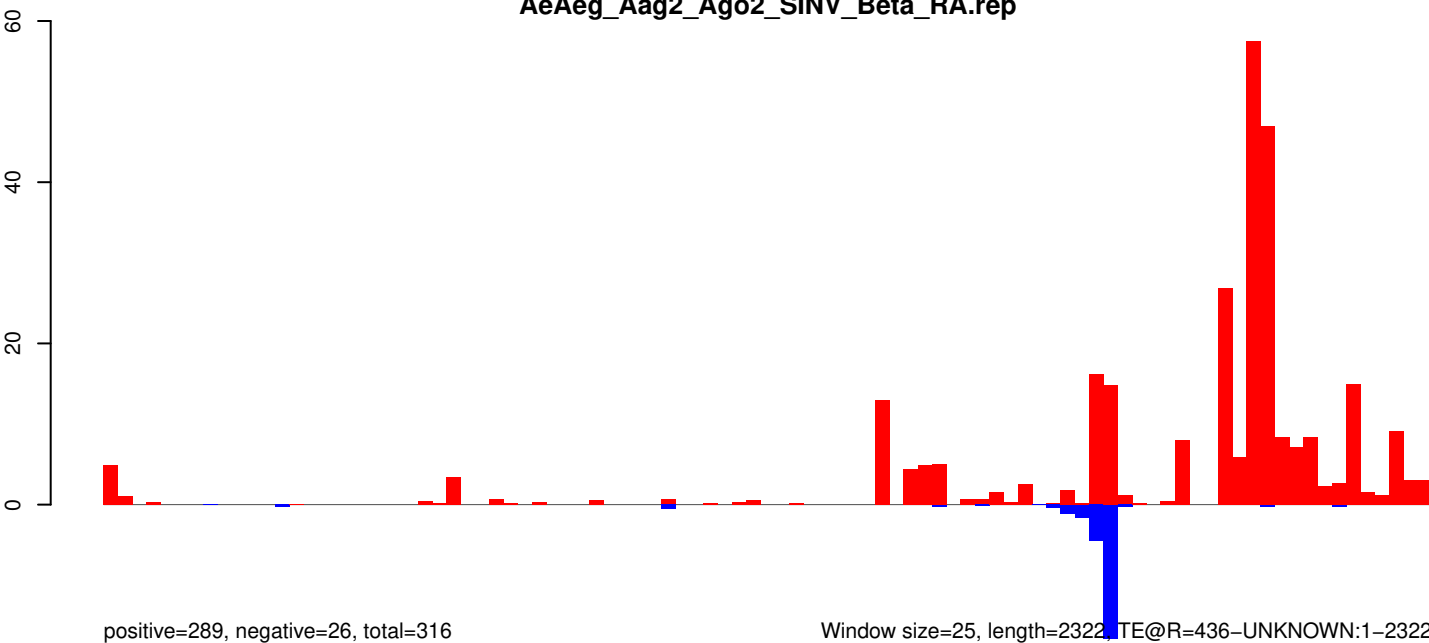
positive=20, negative=2, total=22

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=269, negative=24, total=293

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



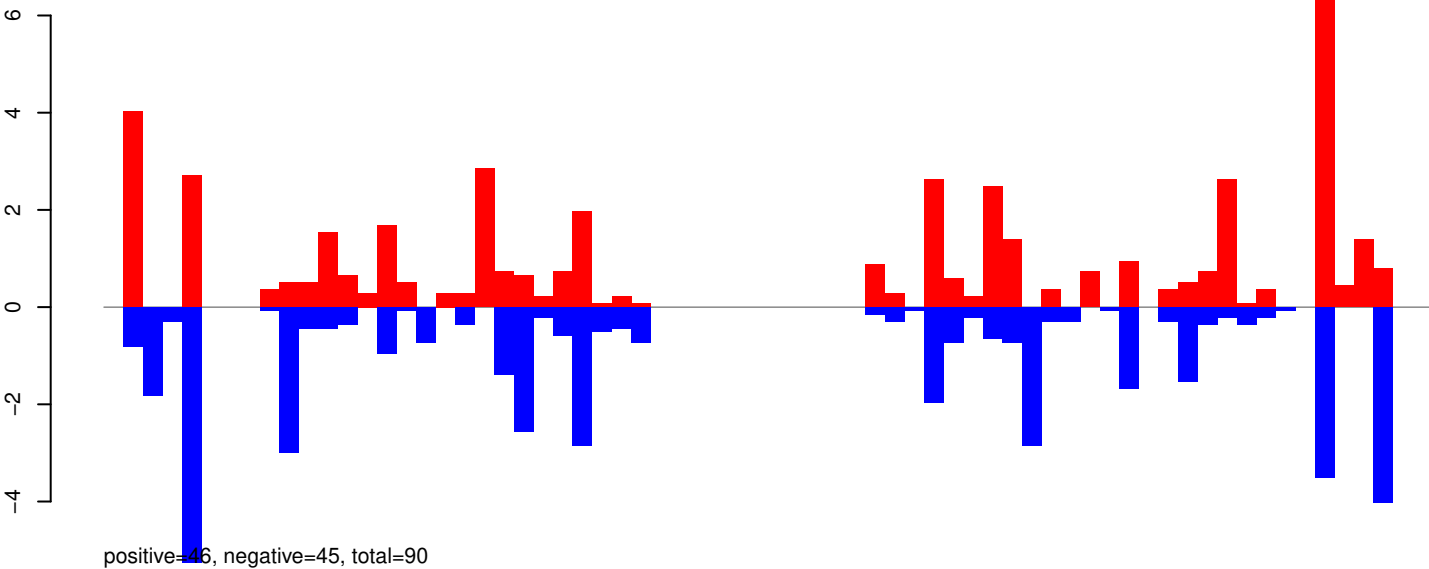
positive=289, negative=26, total=316

Window size=25, length=2322, TE@R=436-UNKNOWN:1-2322

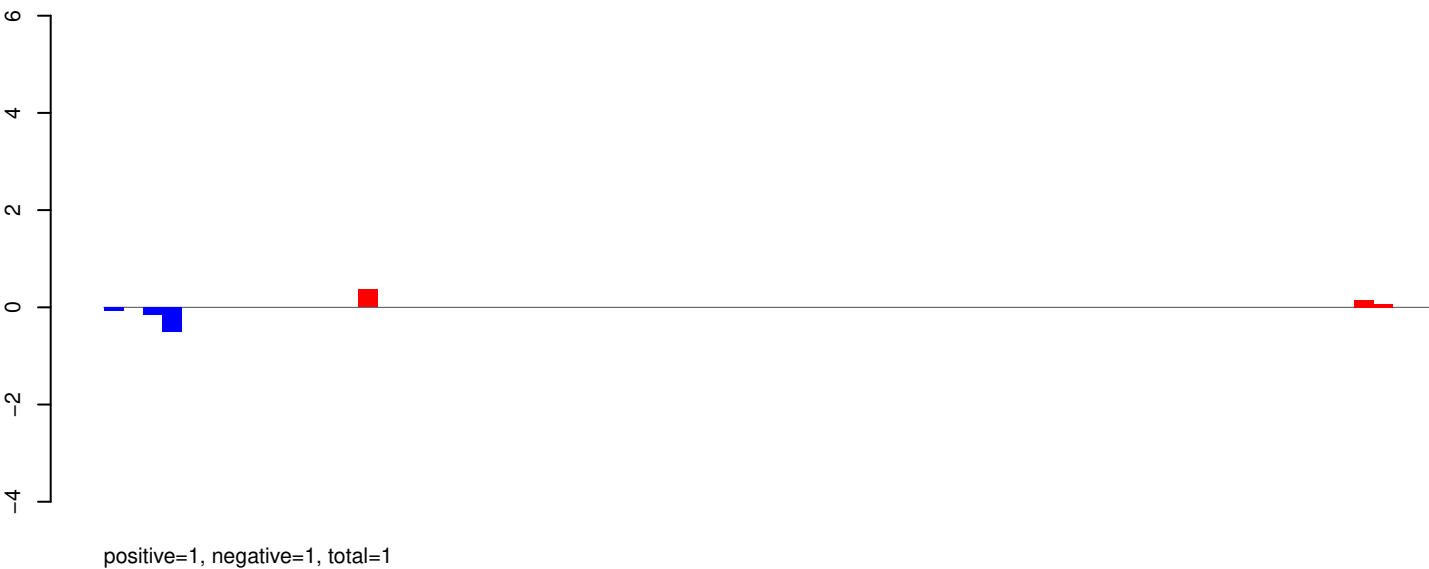
0 500 1000 1500 2000



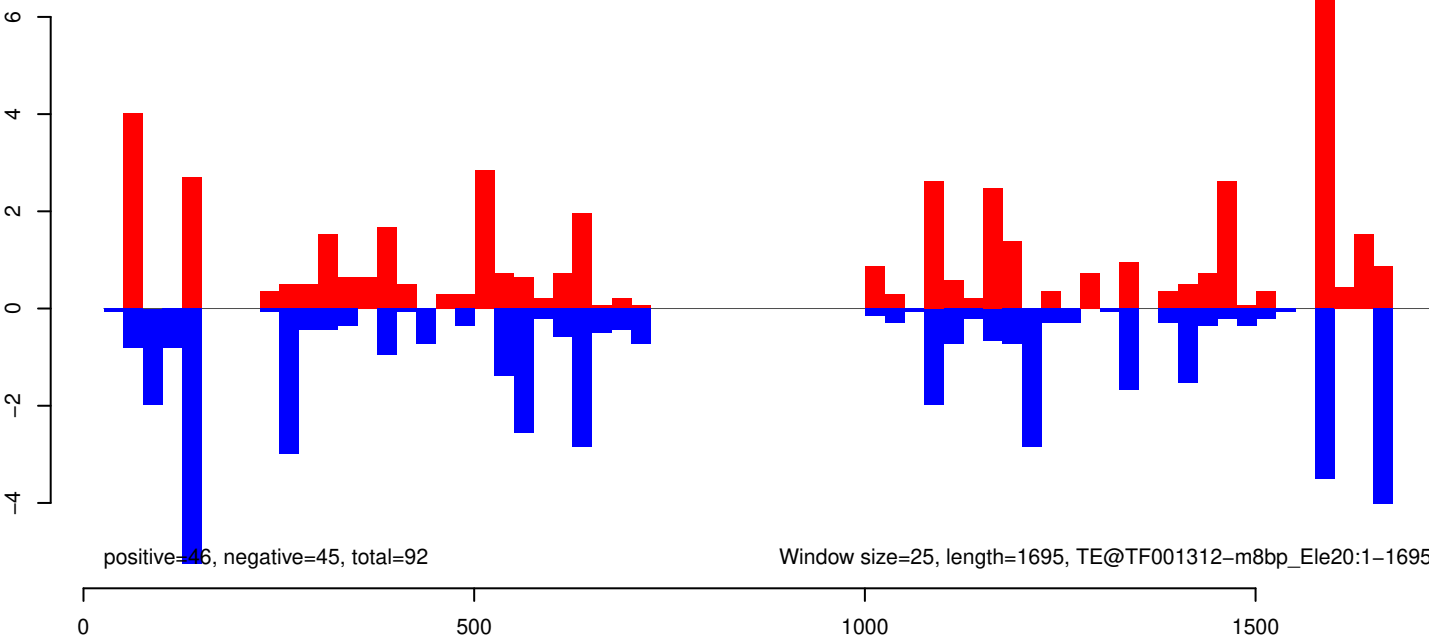
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



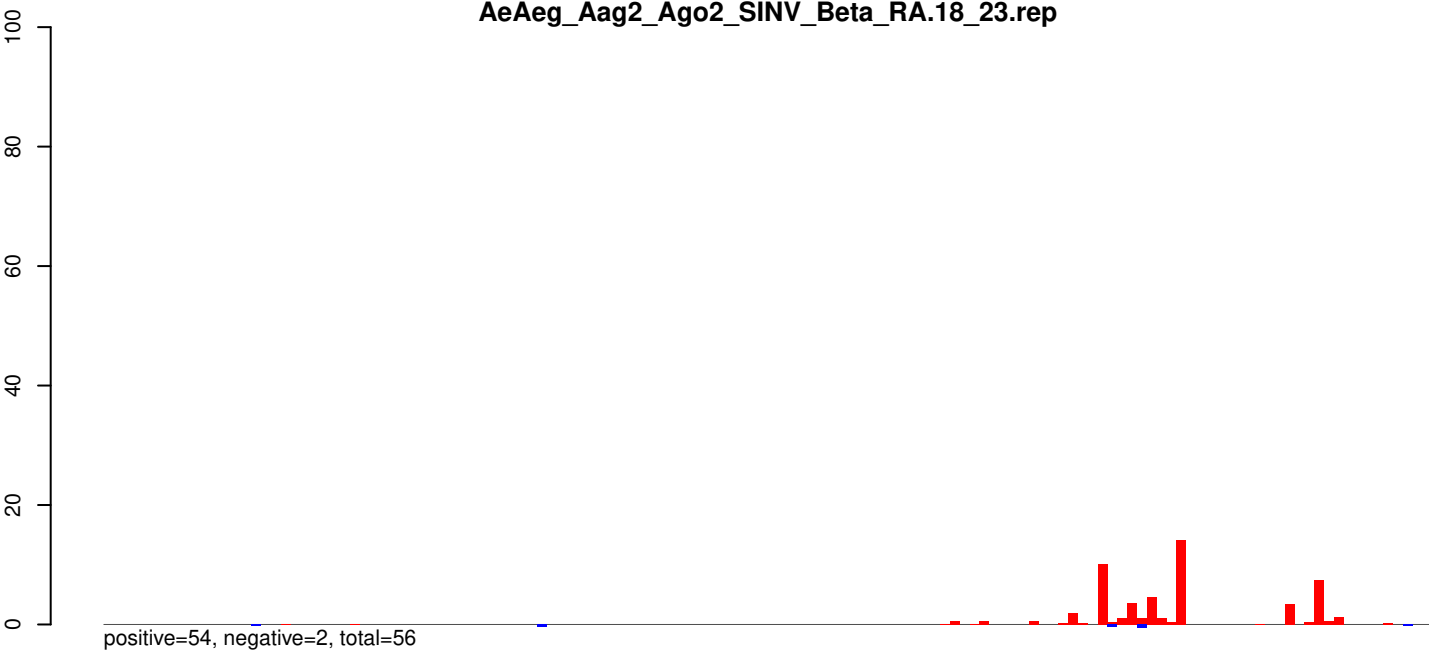
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



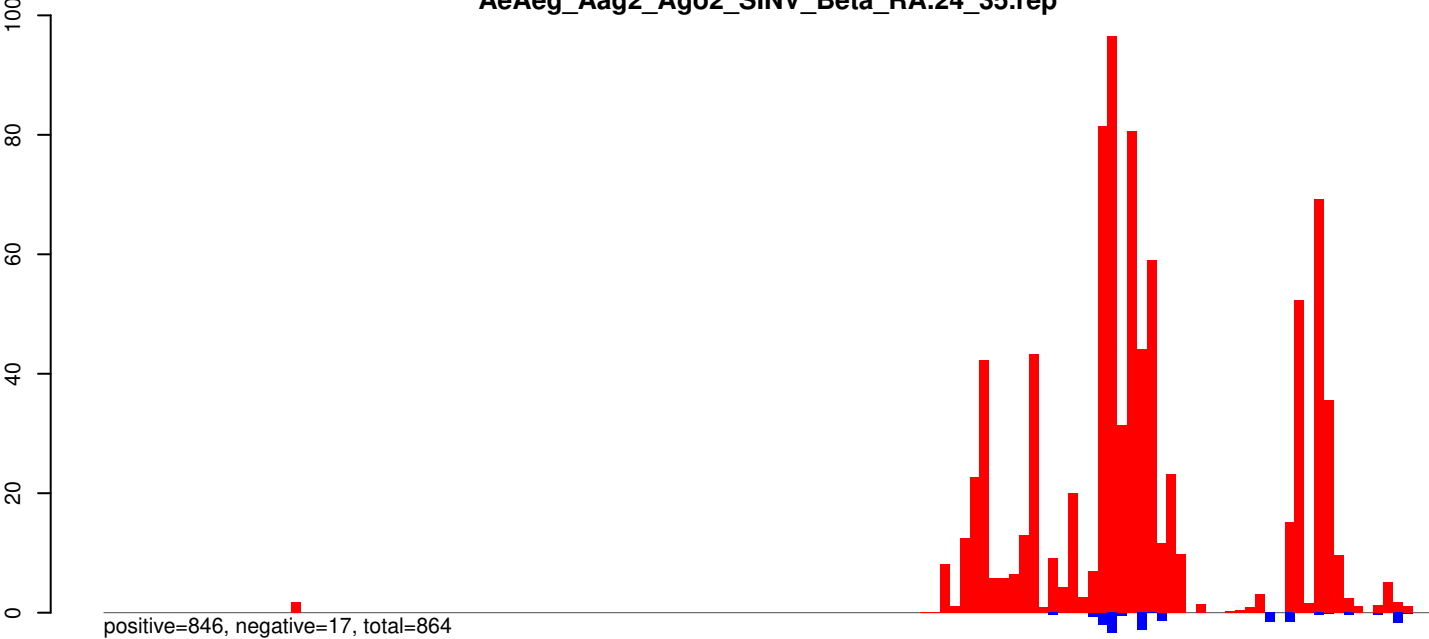
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



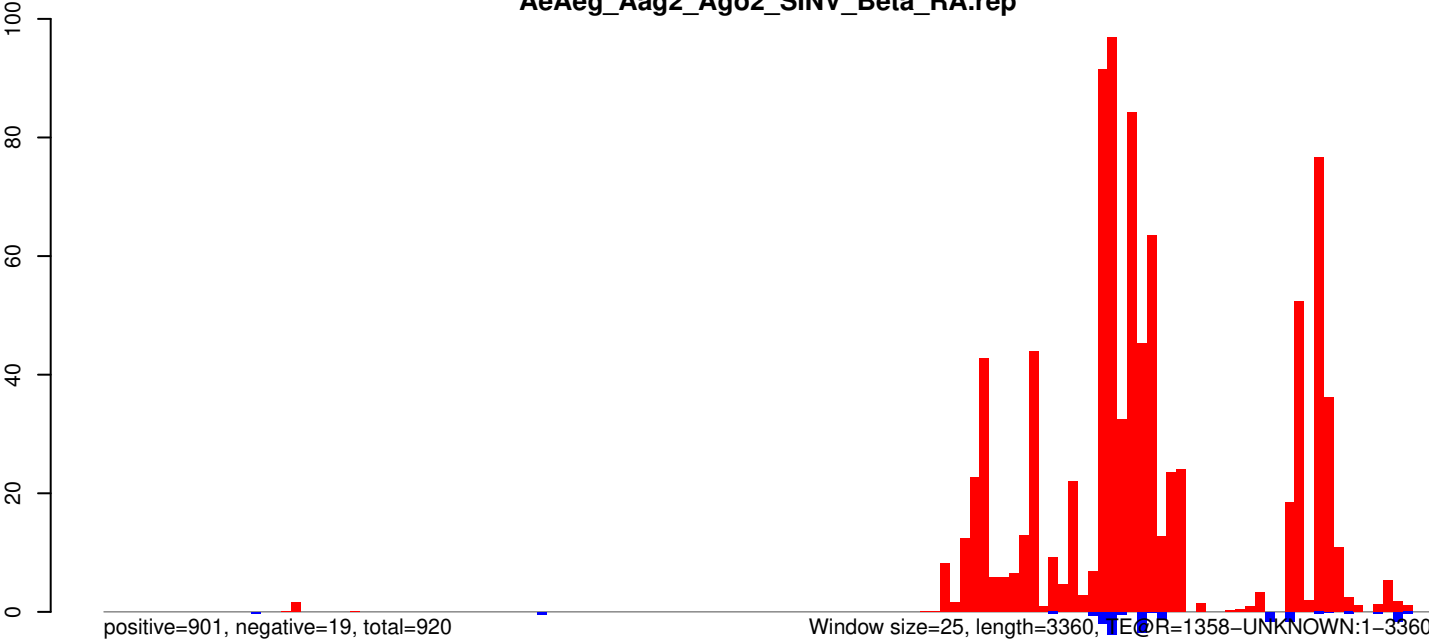
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

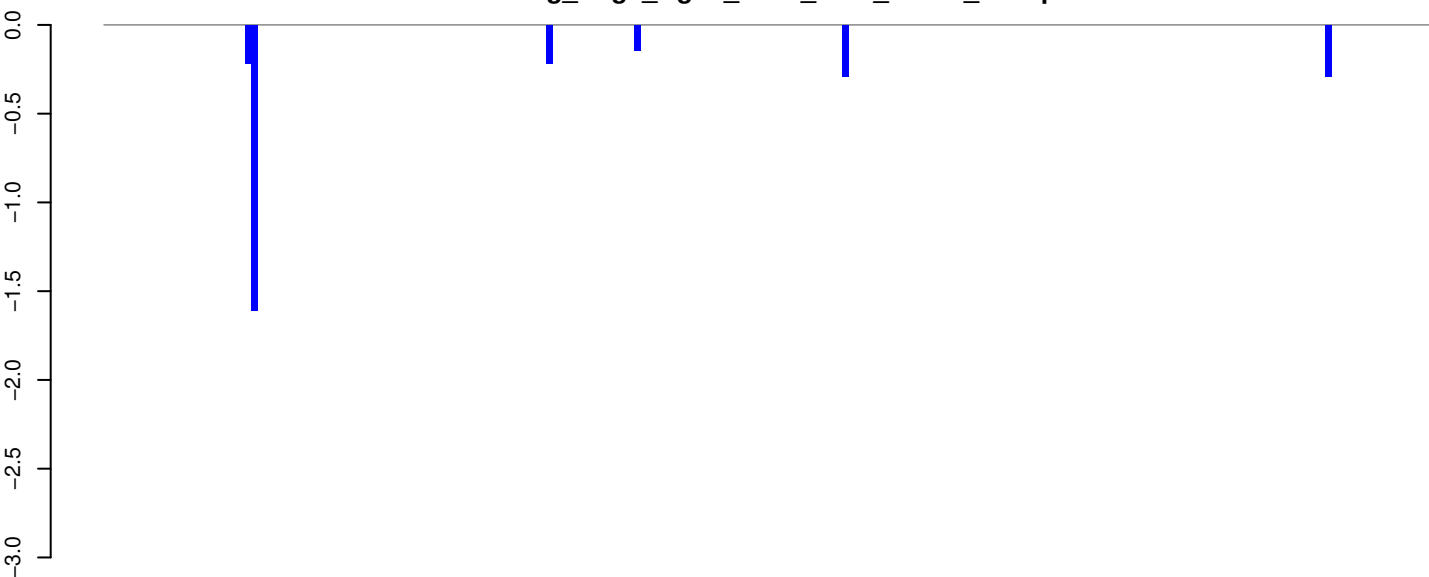


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



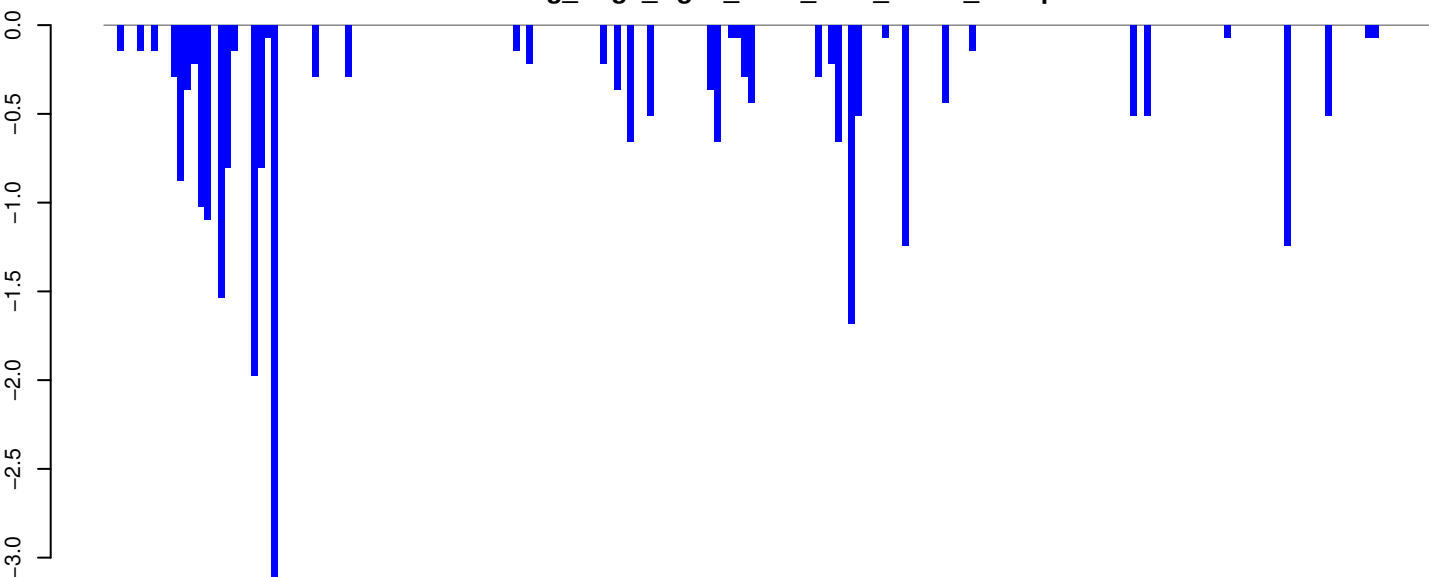
0 500 1000 1500 2000 2500 3000 3500

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



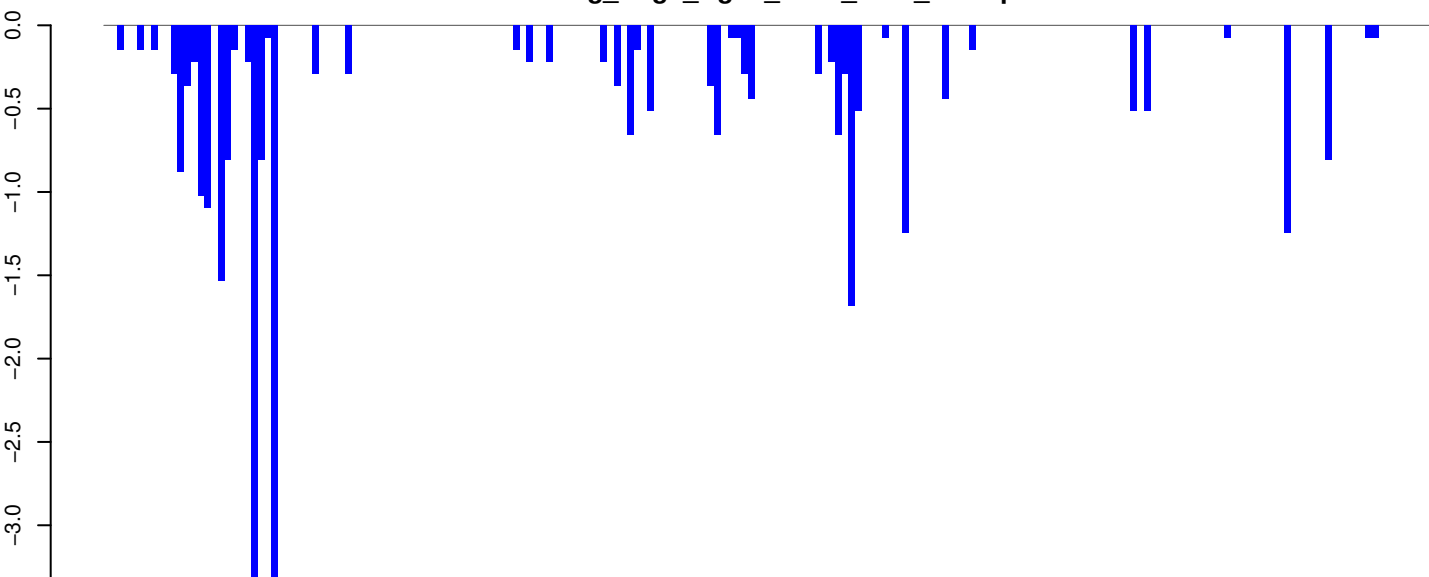
positive=0, negative=3, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=26, total=26

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

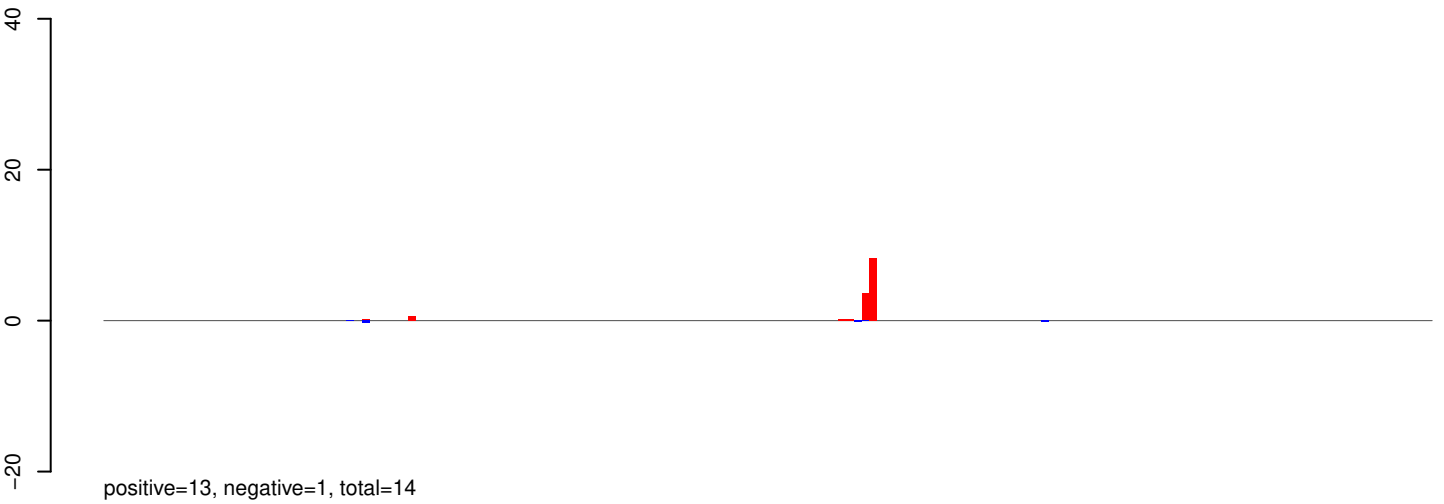


positive=0, negative=29, total=29

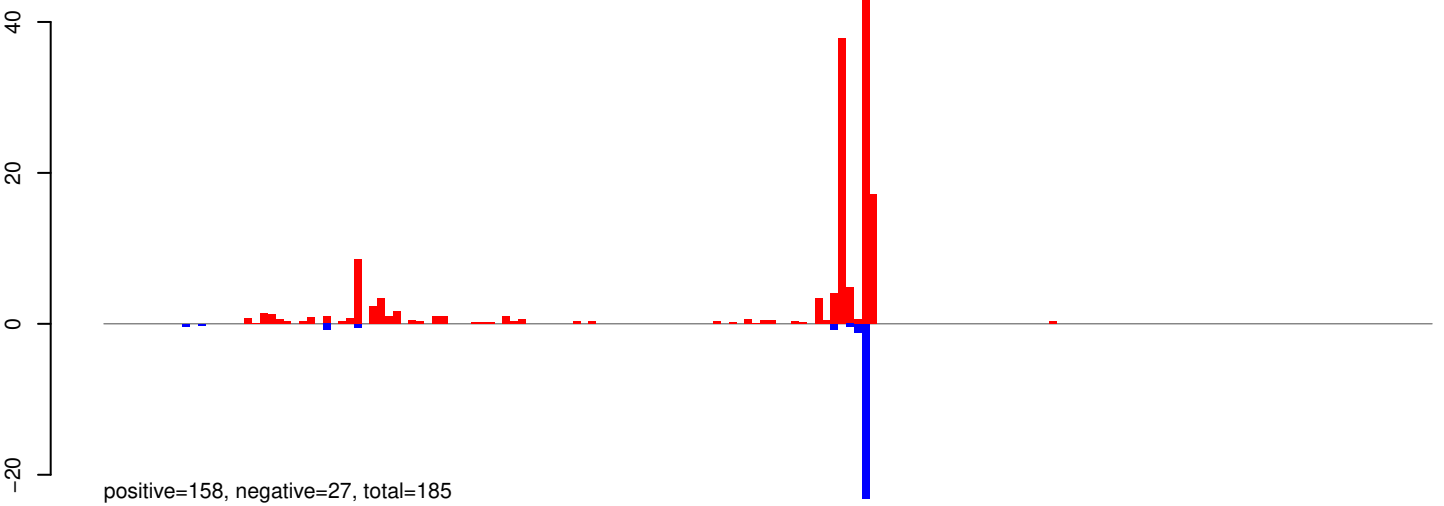
Window size=25, length=4926, TE@Copia-111\_AA-LTR-I:1-4926

0 1000 2000 3000 4000 5000

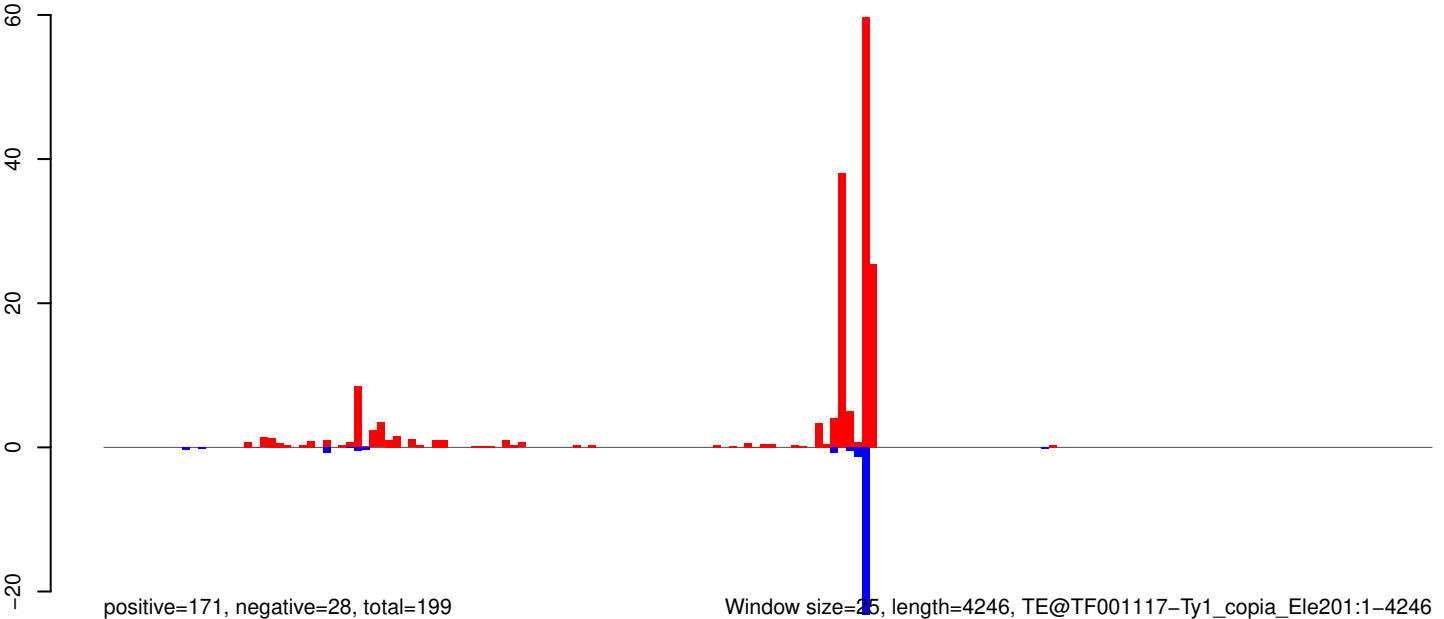
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



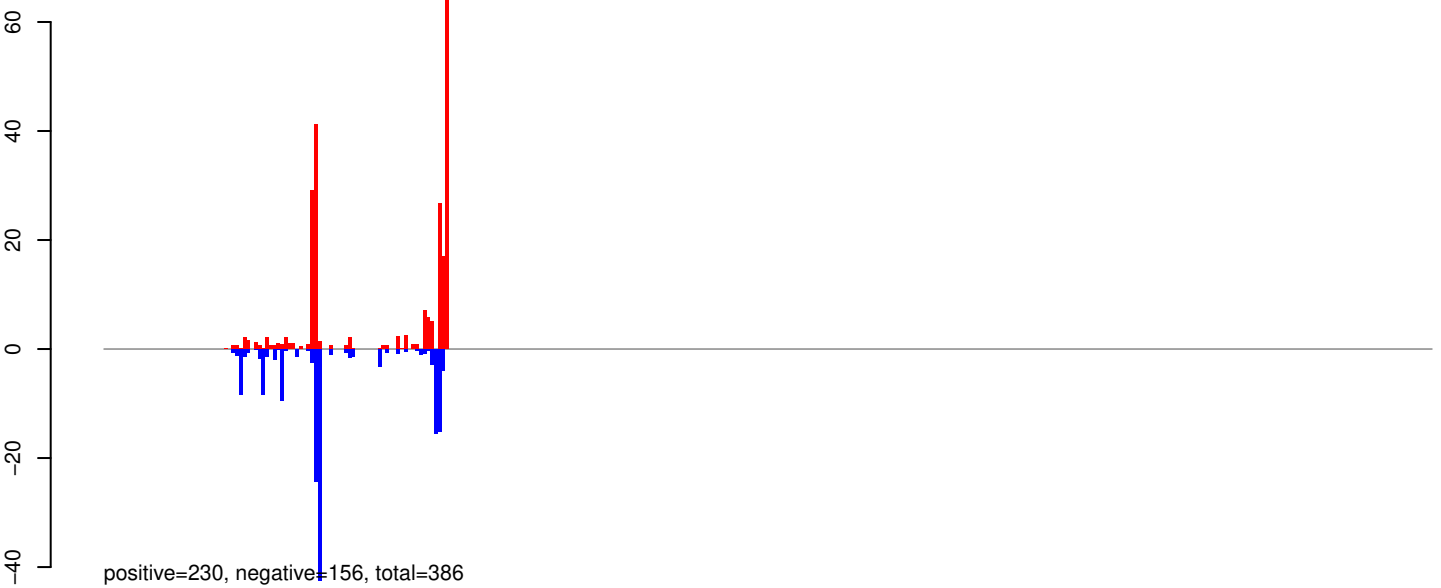
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



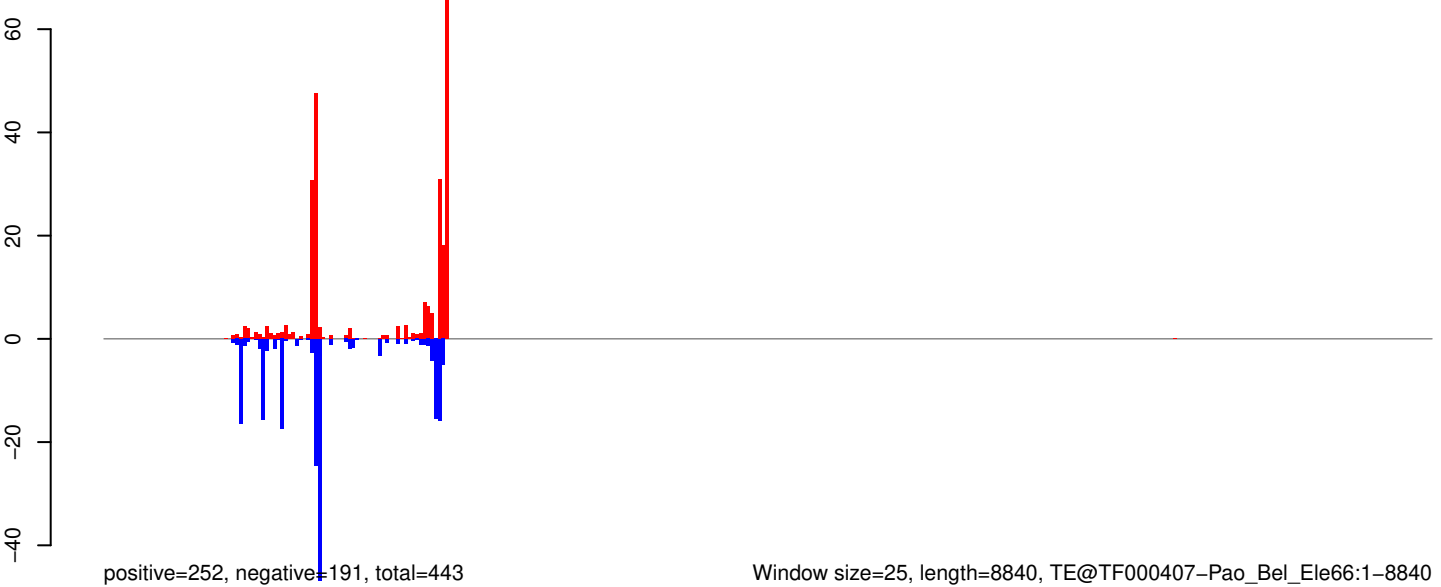
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



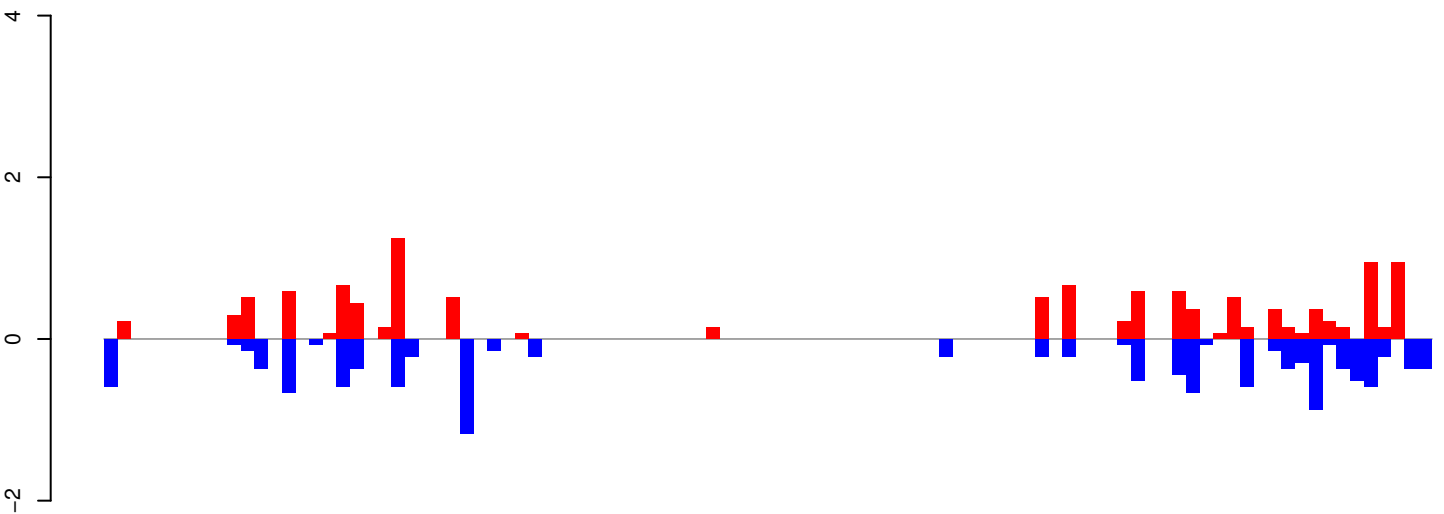
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=8840, TE@TF000407-Pao\_Bel\_Ele66:1-8840

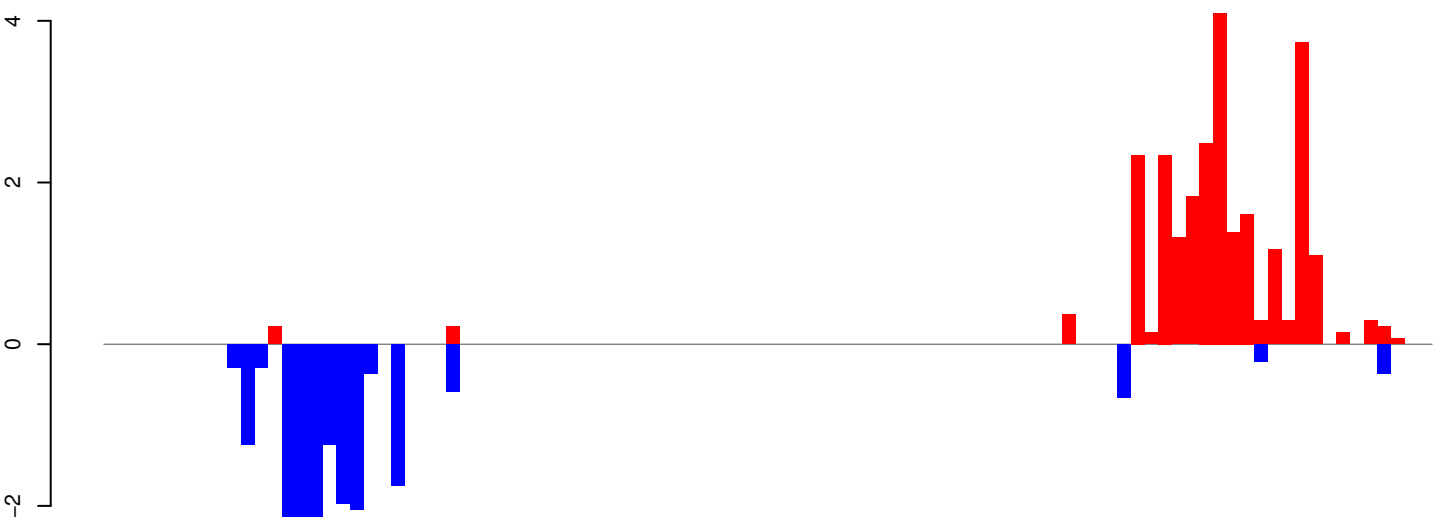
0 2000 4000 6000 8000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



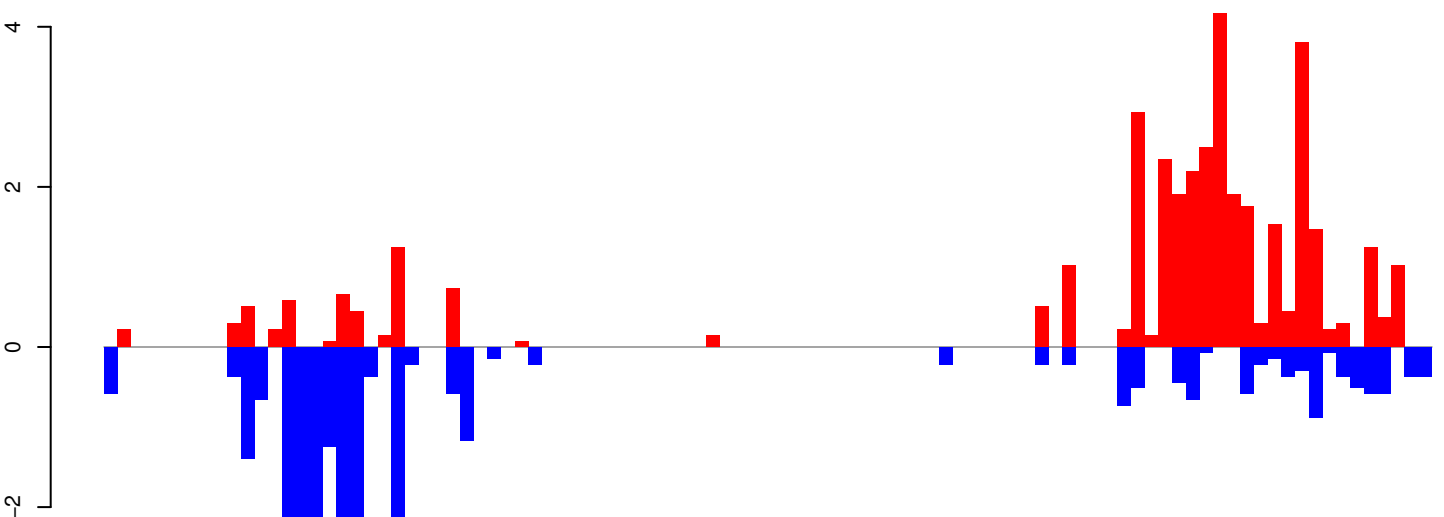
positive=12, negative=12, total=24

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=26, negative=19, total=45

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

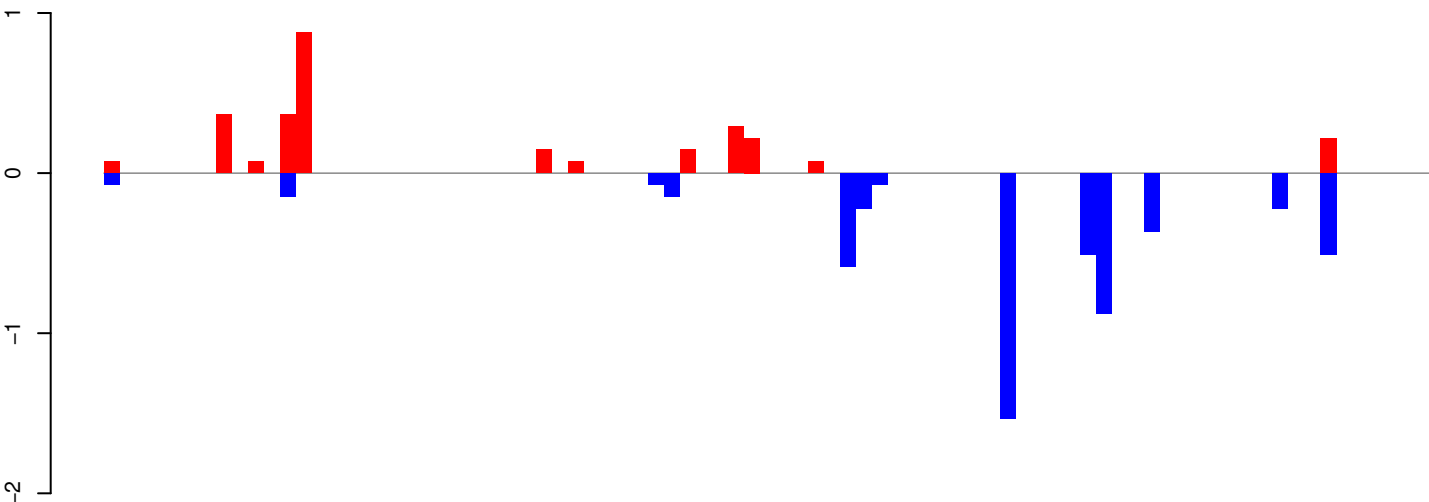


positive=38, negative=32, total=69

Window size=25, length=2407, TE@R=83-UNKNOWN:1-2407

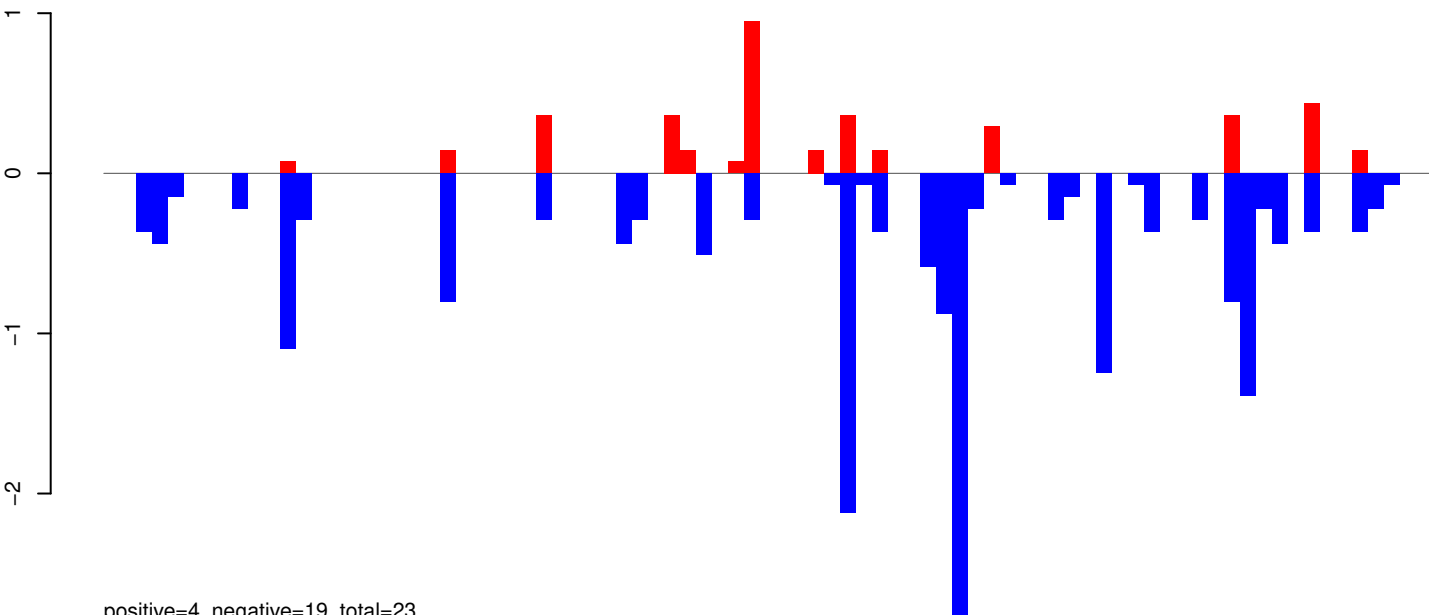
0 500 1000 1500 2000 2500

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



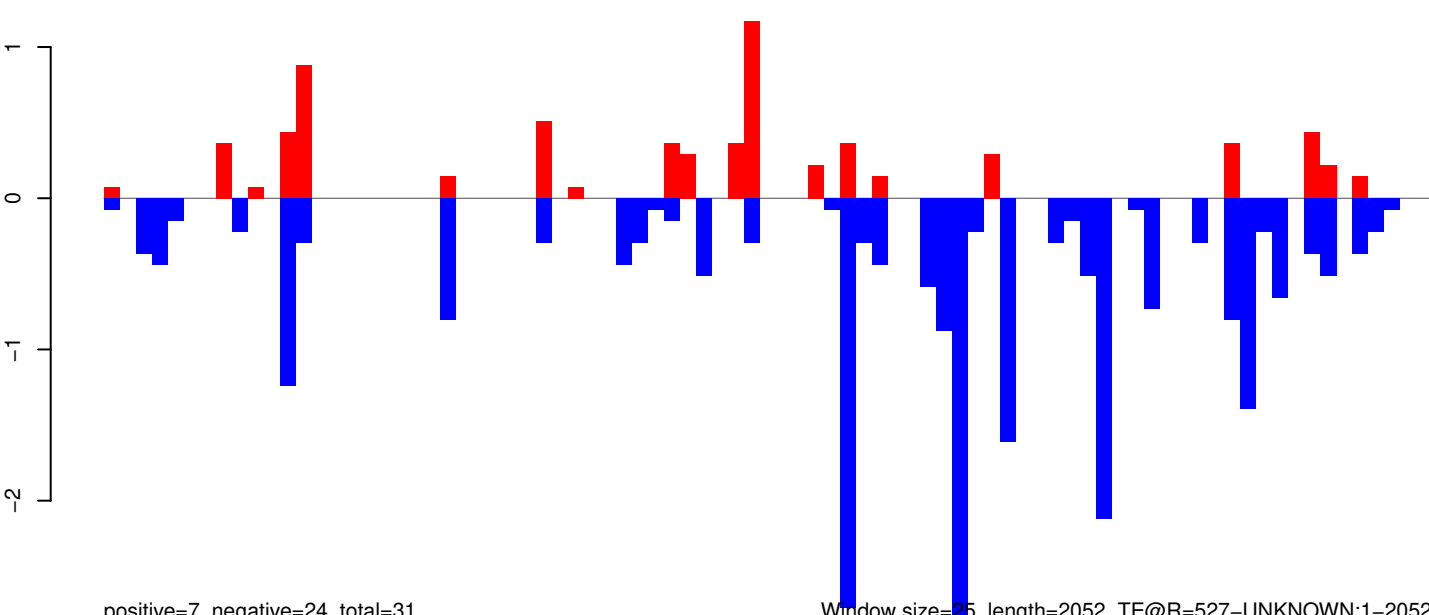
positive=3, negative=5, total=8

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=4, negative=19, total=23

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

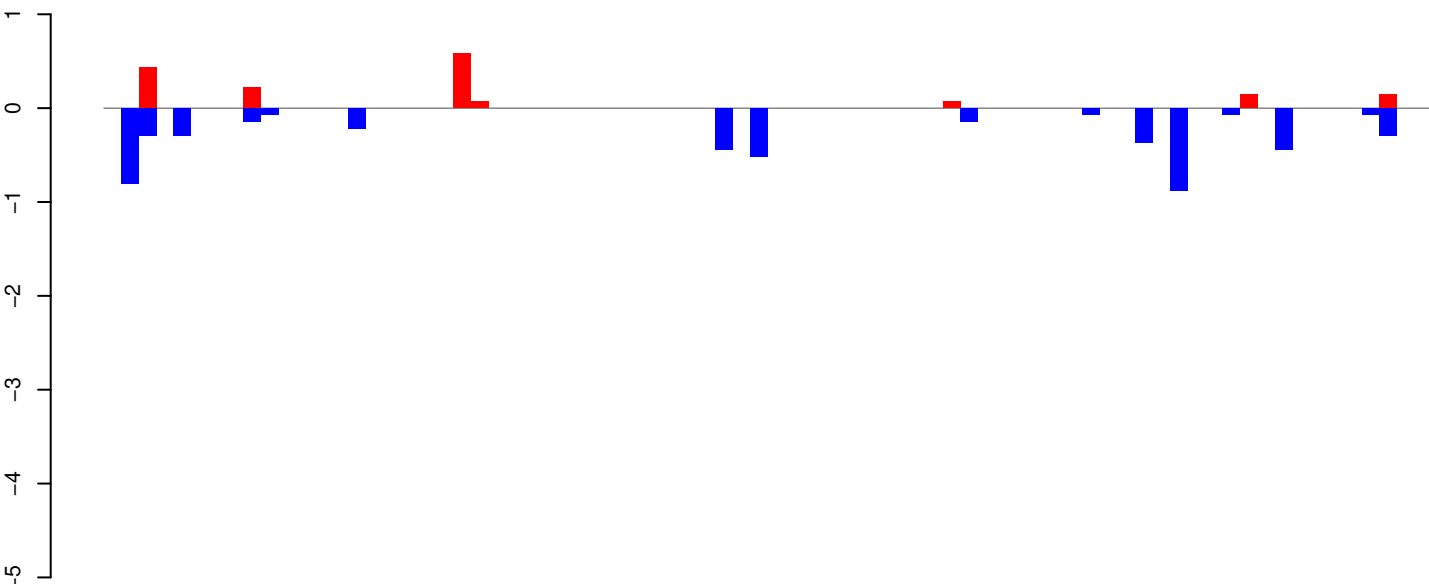


positive=7, negative=24, total=31

Window size=25, length=2052, TE@R=527-UNKNOWN:1-2052

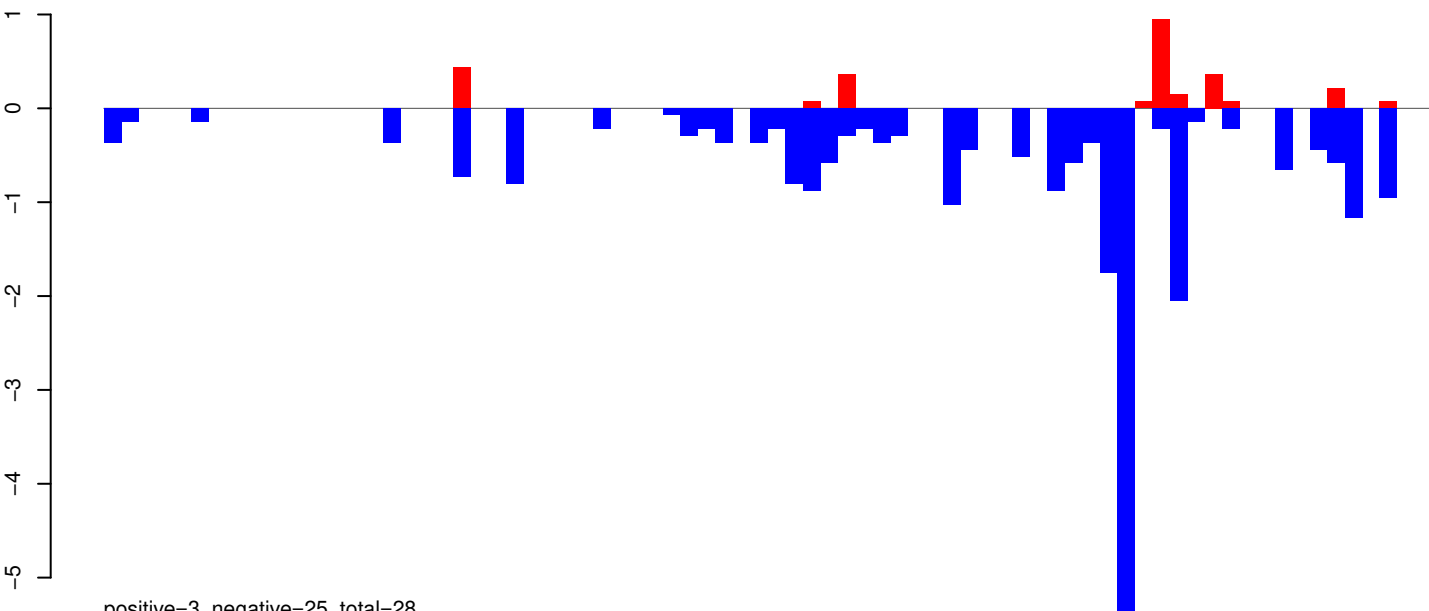
0 500 1000 1500 2000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



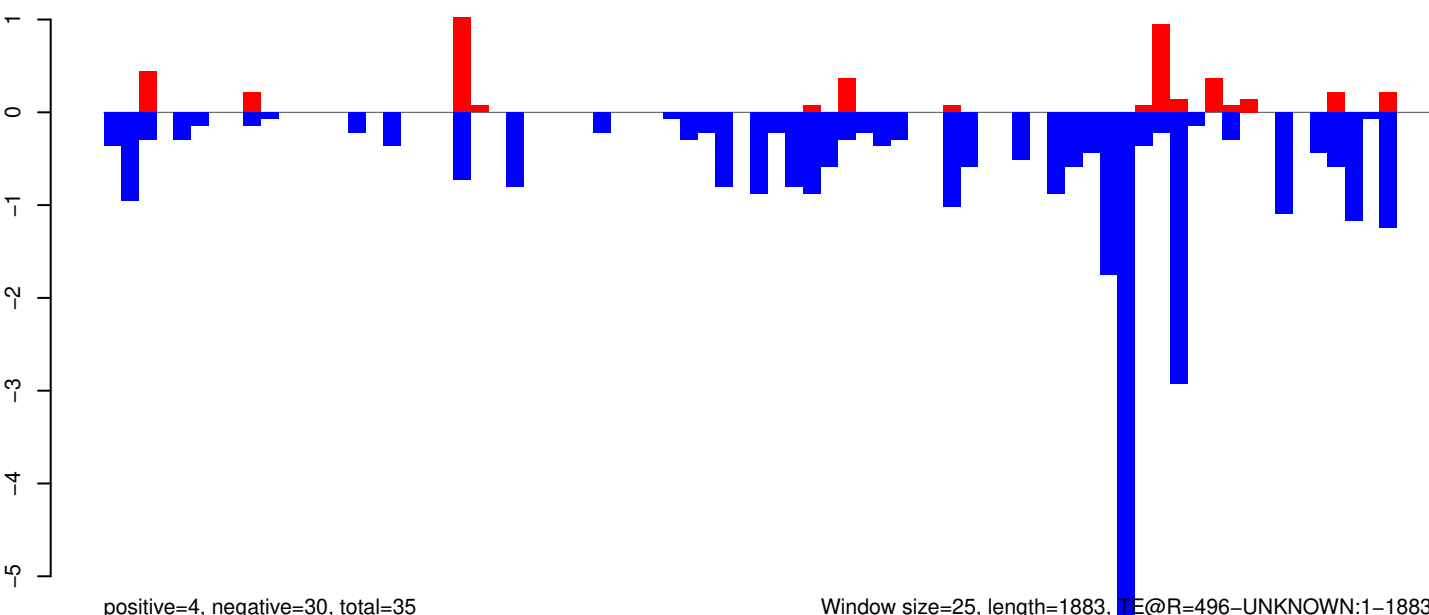
positive=2, negative=5, total=7

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=3, negative=25, total=28

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

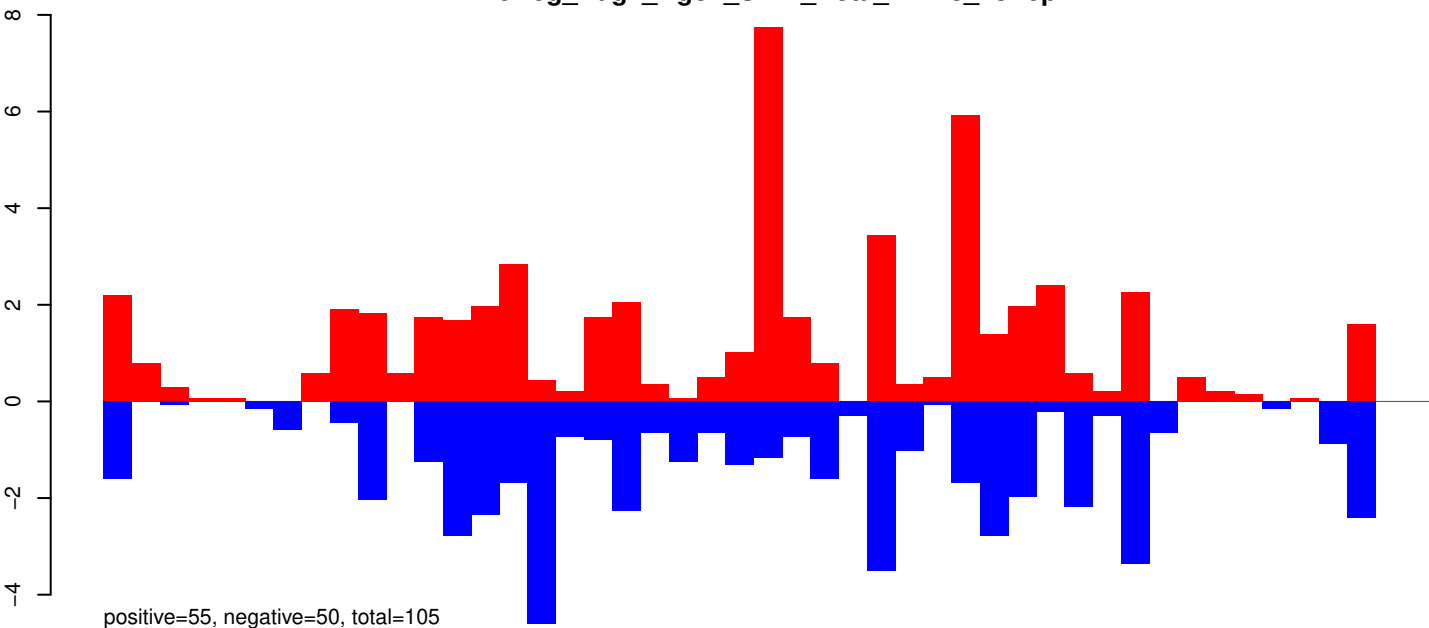


positive=4, negative=30, total=35

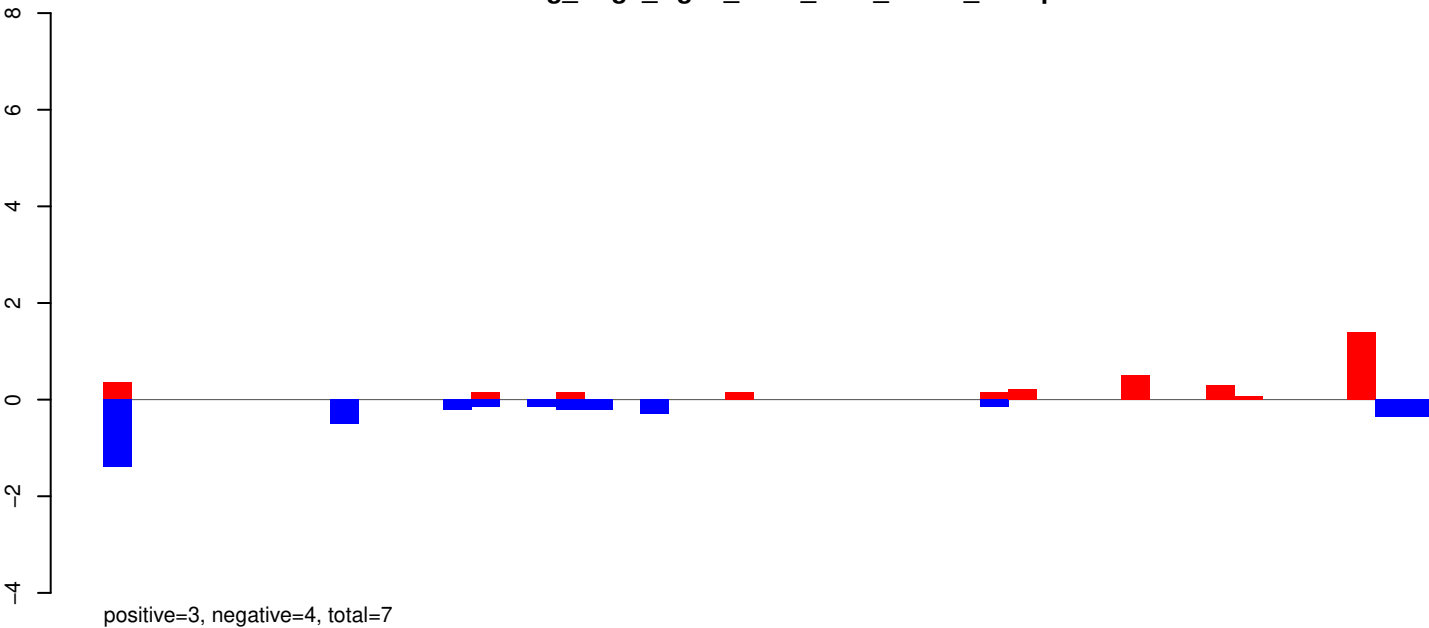
Window size=25, length=1883, IE@R=496-UNKNOWN:1-1883



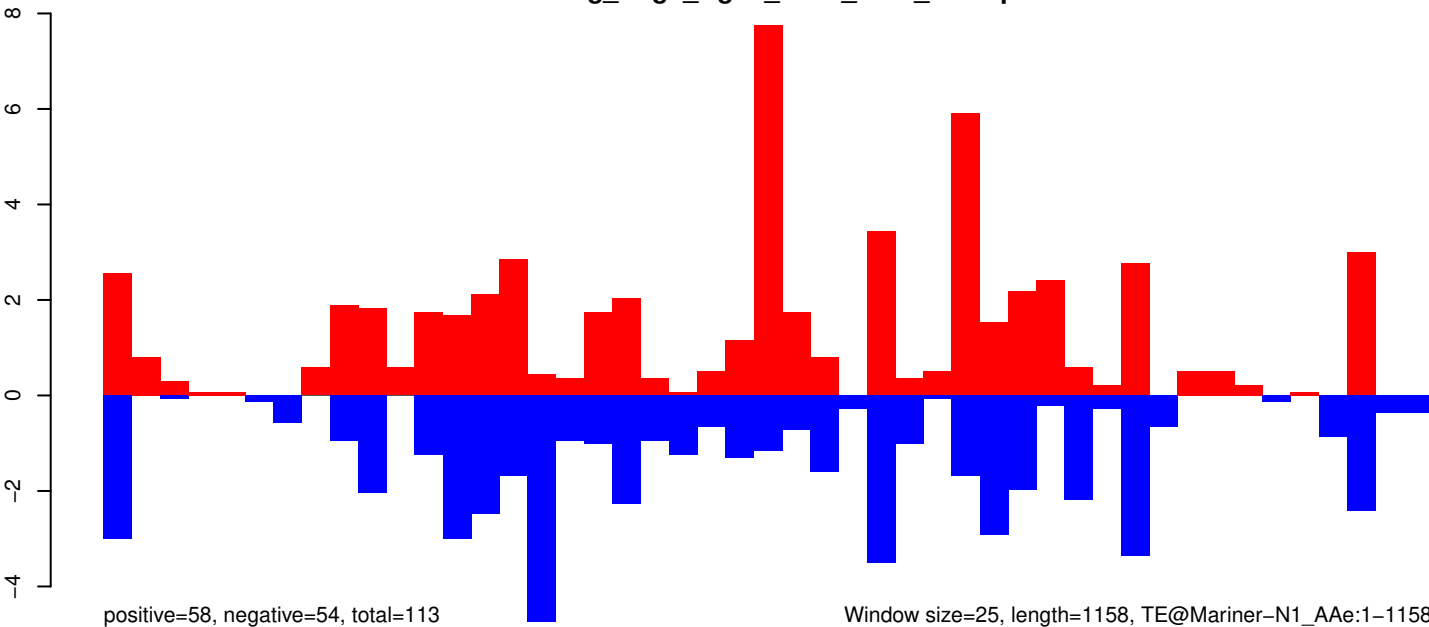
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



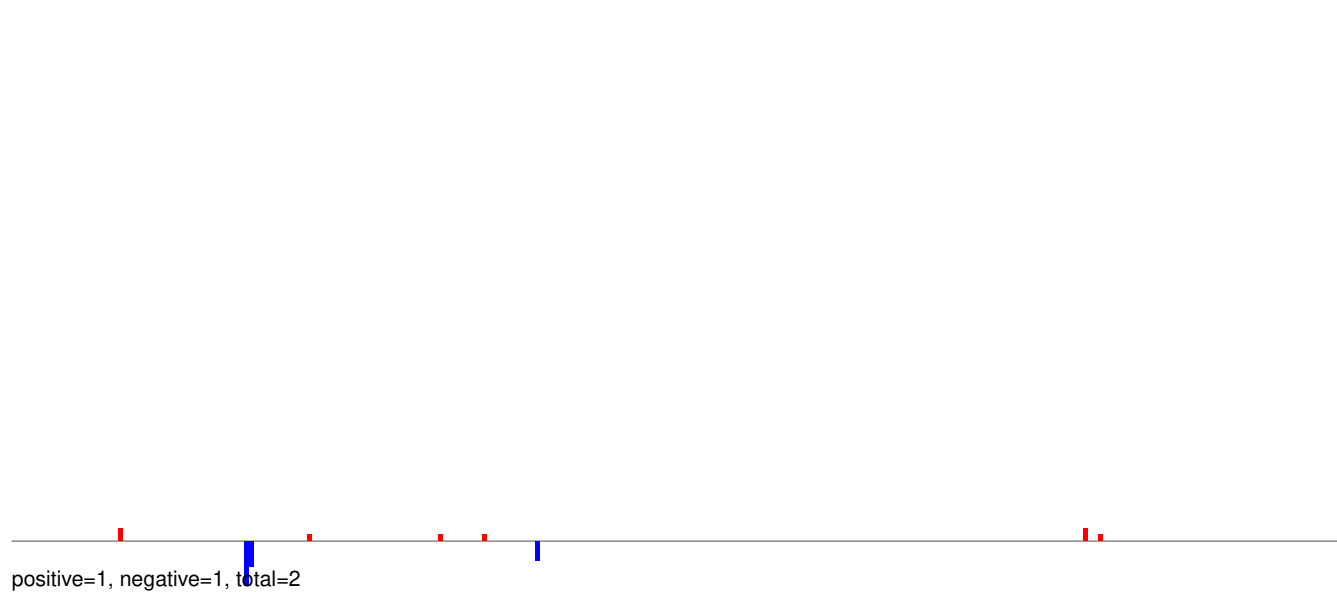
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



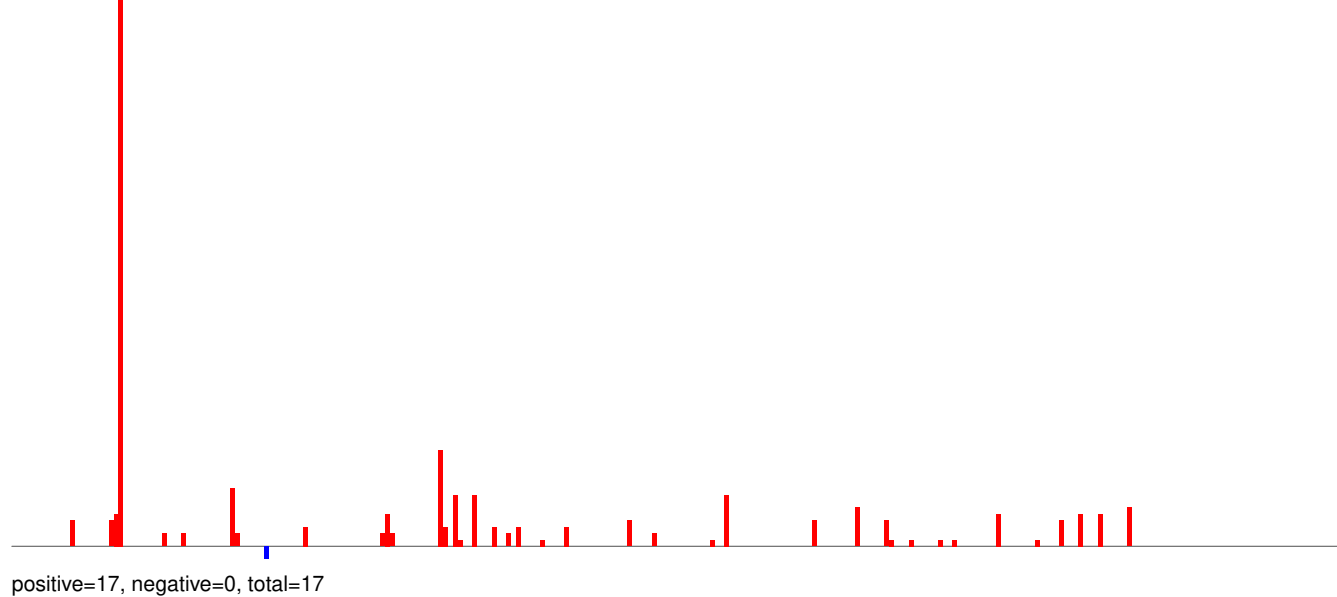
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



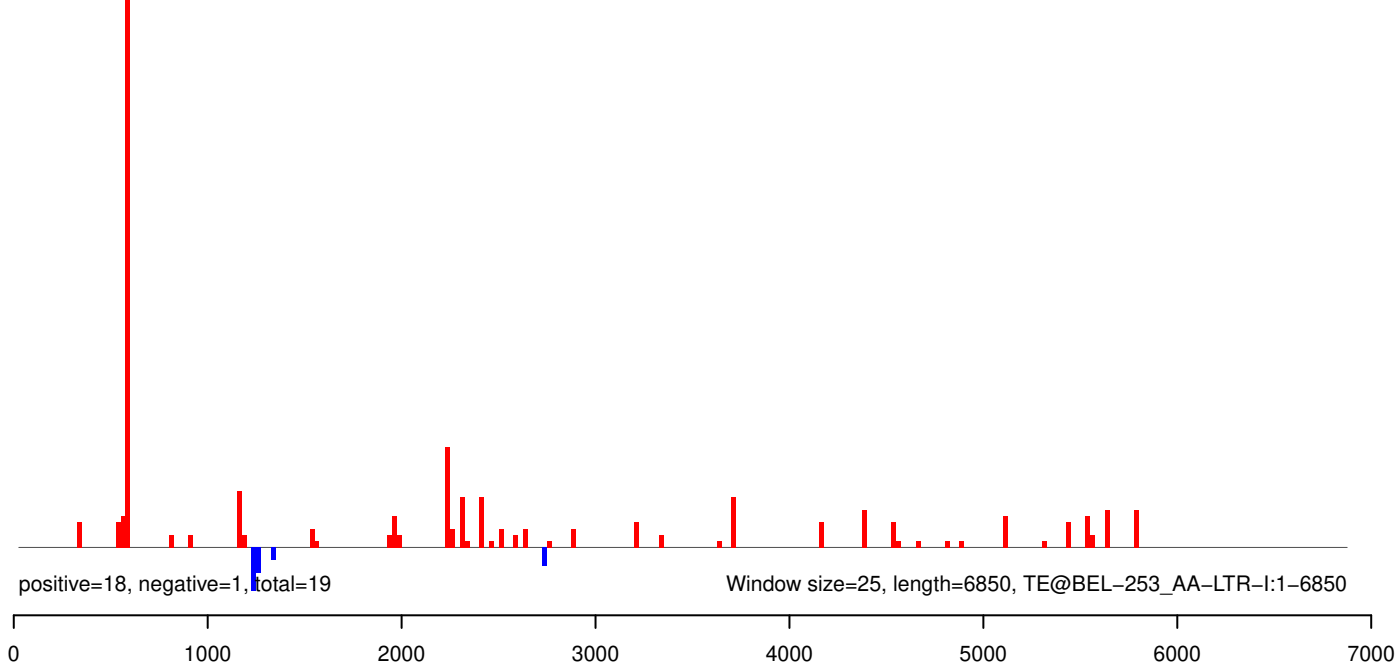
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



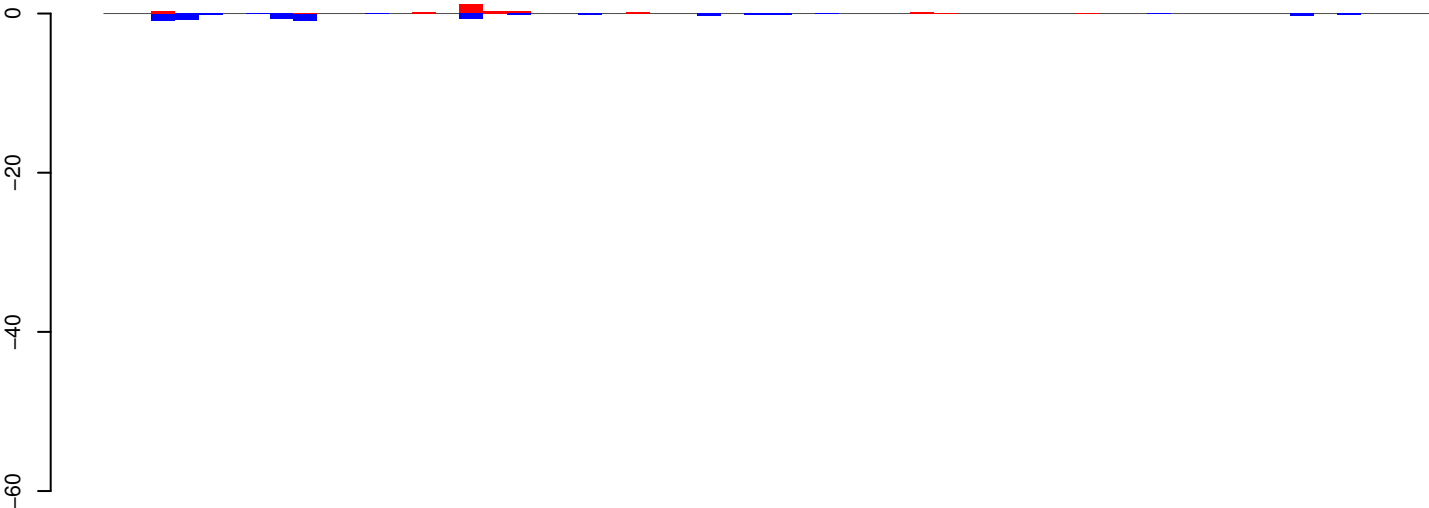
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

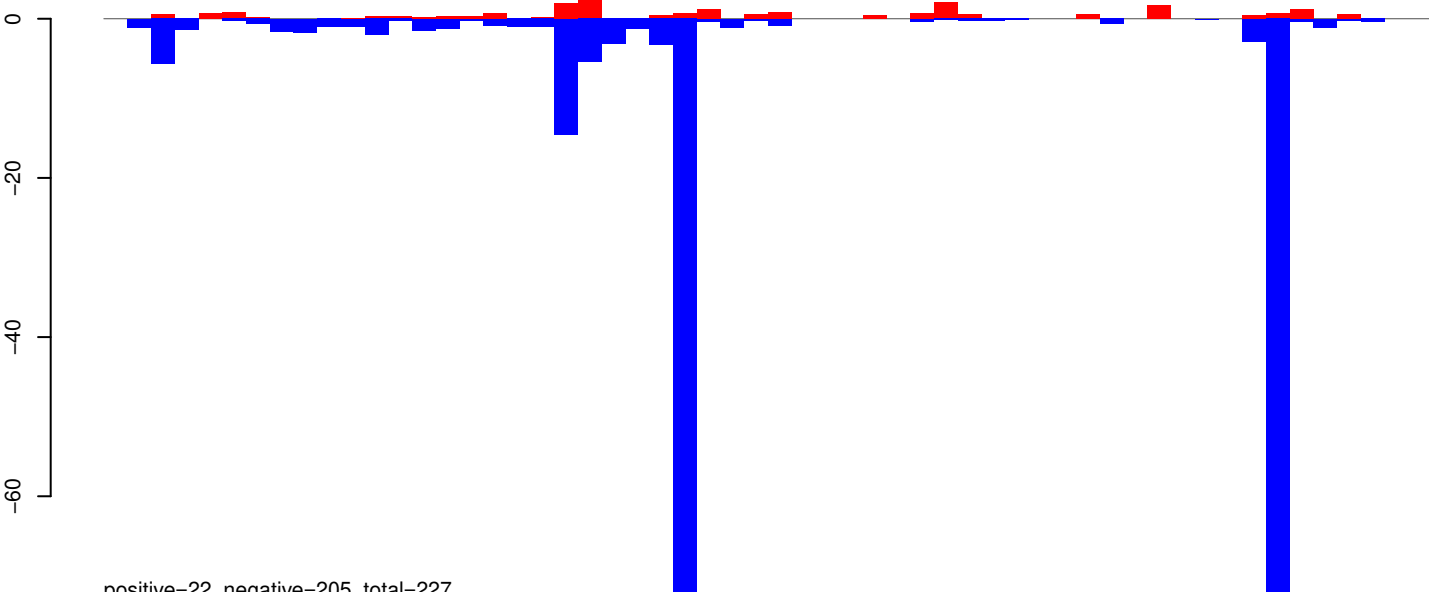


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



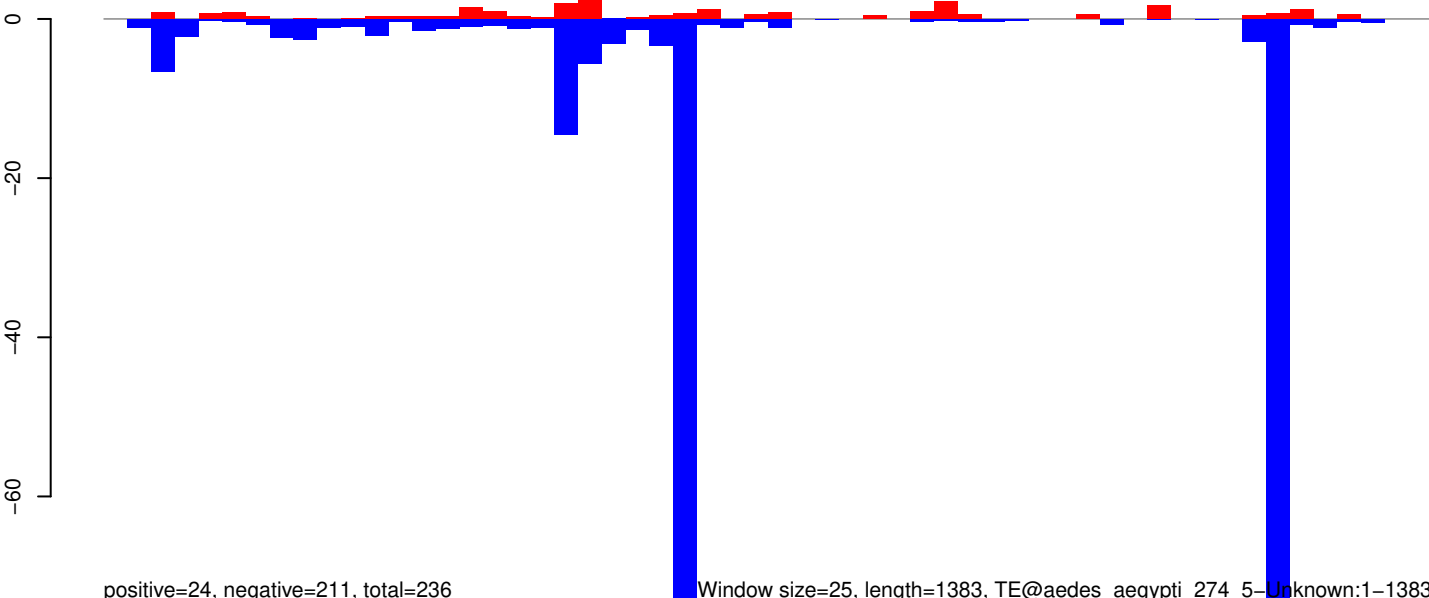
positive=3, negative=6, total=9

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=22, negative=205, total=227

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

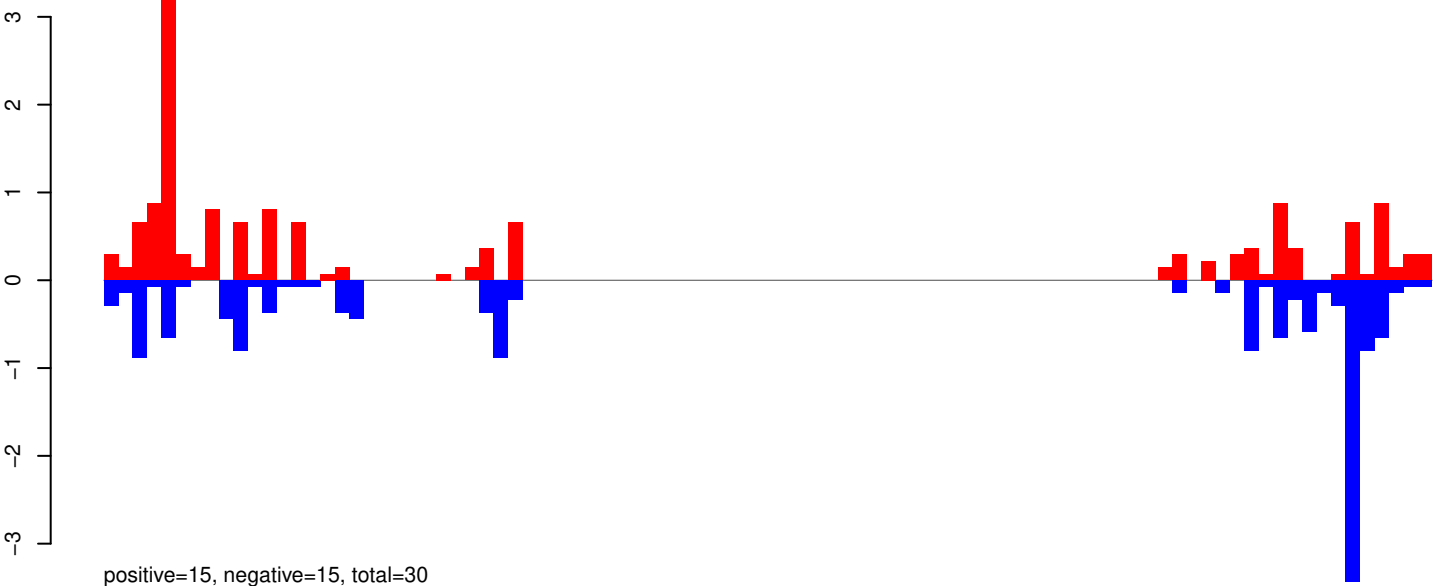


positive=24, negative=211, total=236

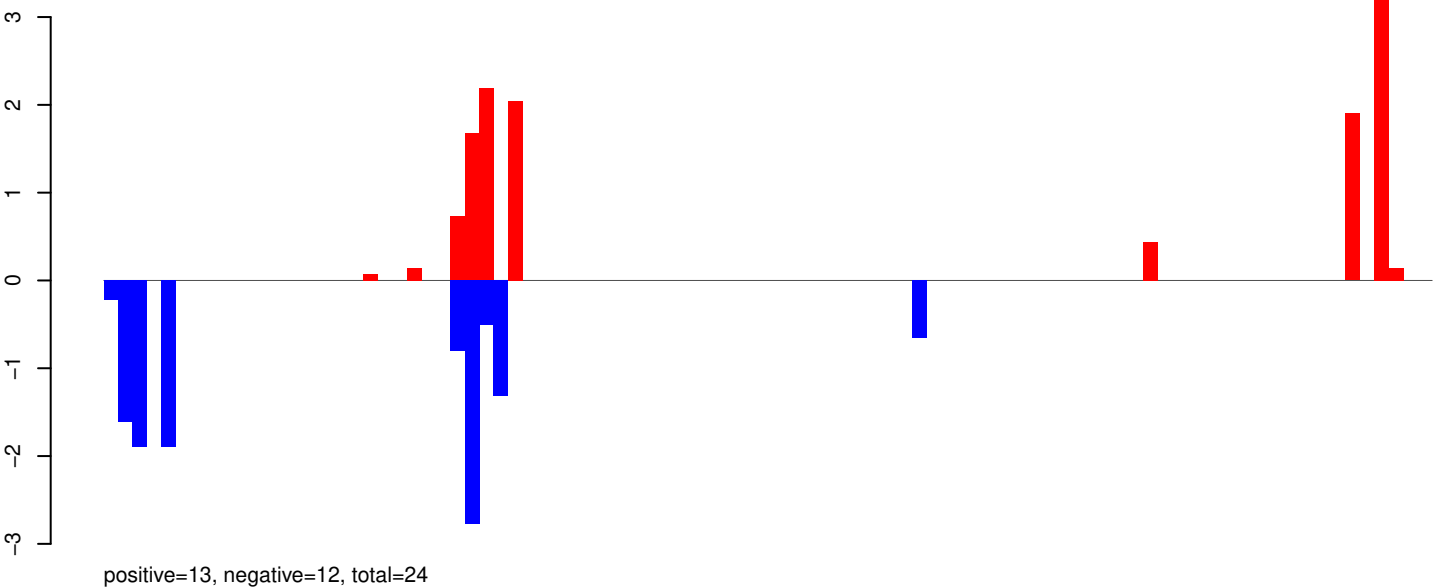
Window size=25, length=1383, TE@aedes\_aegypti\_274\_5-Unknown:1-1383

0 200 400 600 800 1000 1200 1400

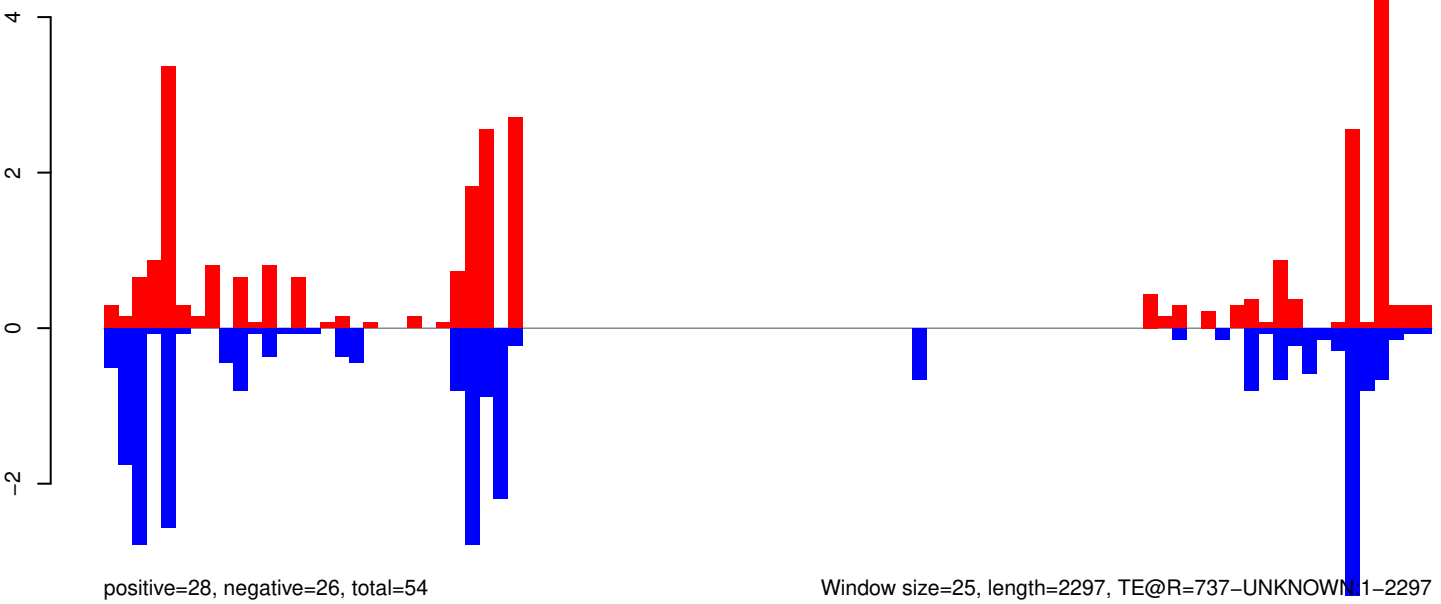
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

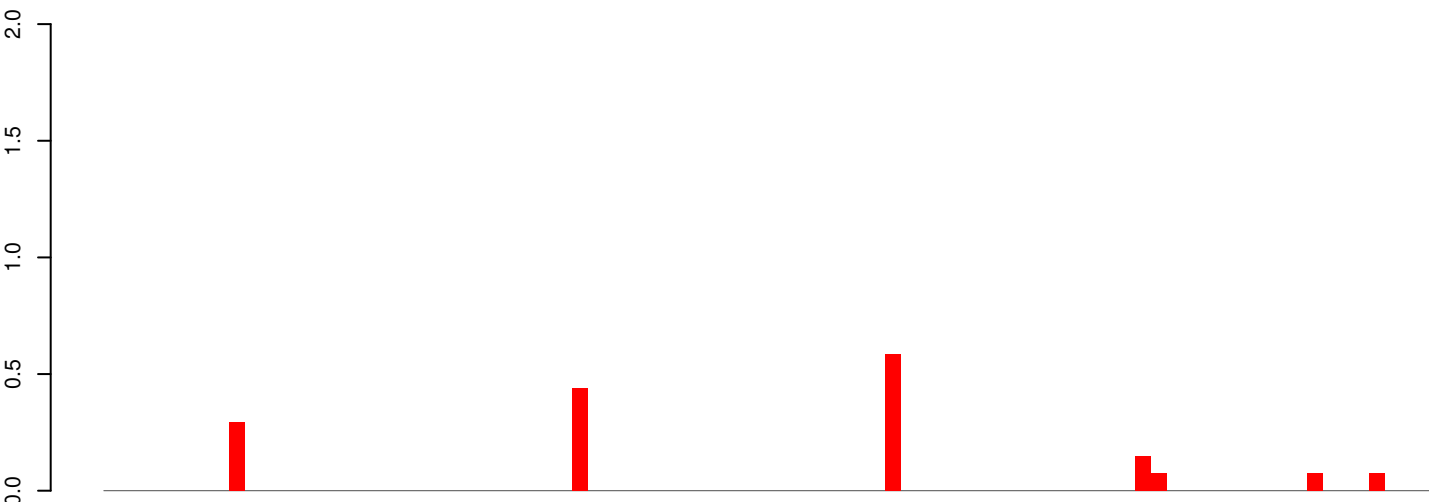


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



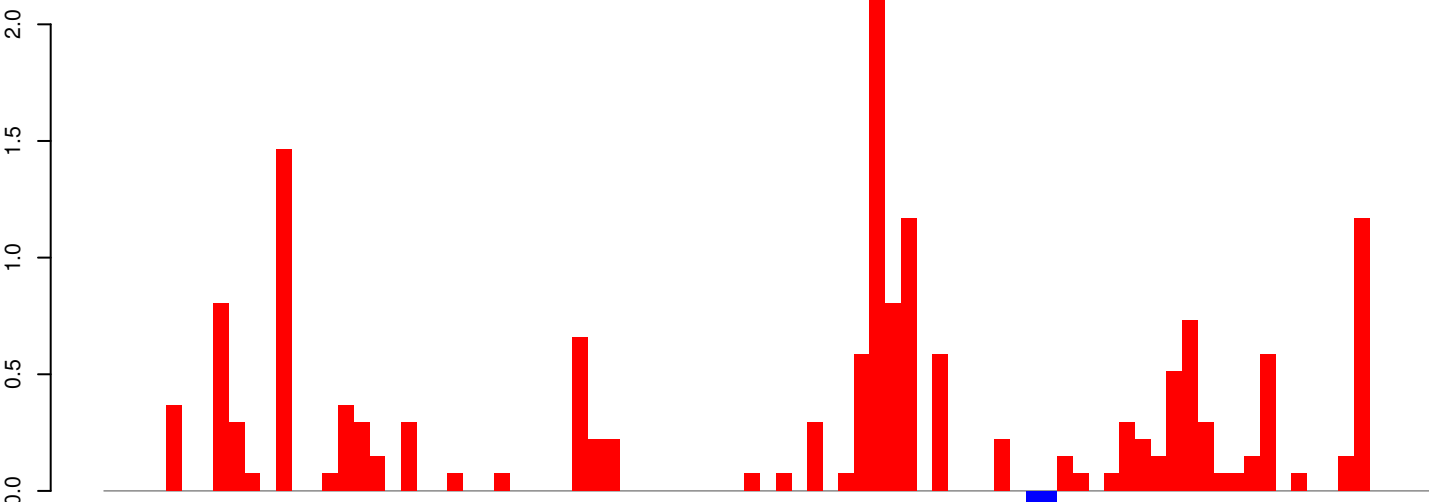
Window size=25, length=2297, TE@R=737-UNKNOWN:1-2297

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



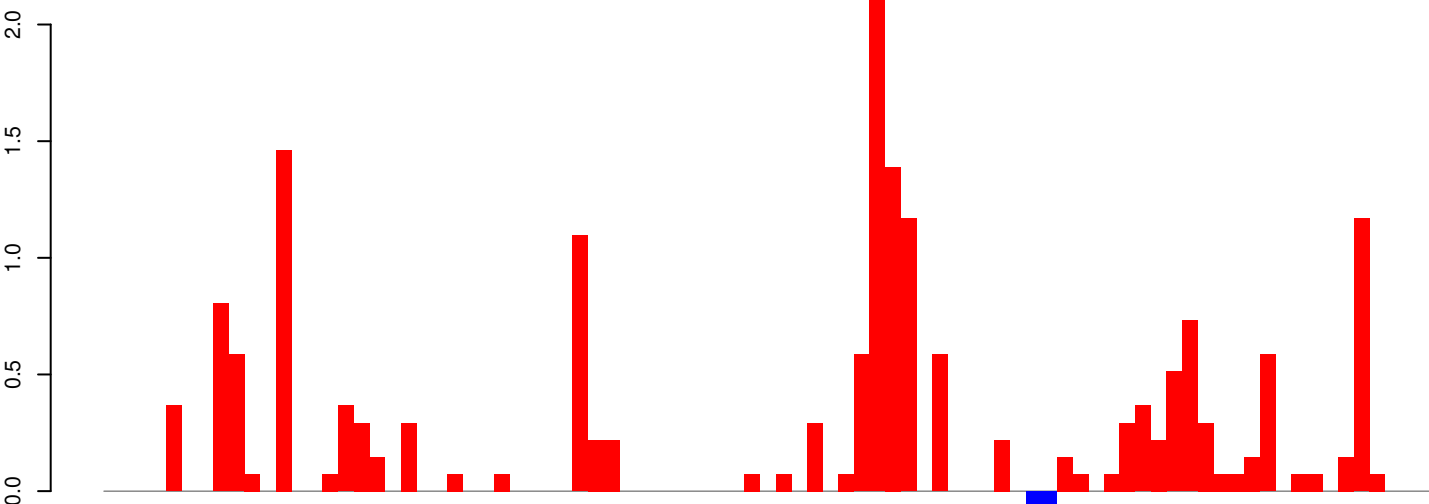
positive=2, negative=0, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



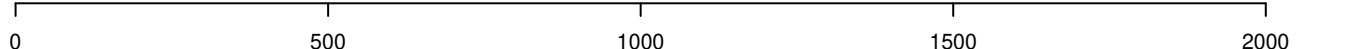
positive=16, negative=1, total=17

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

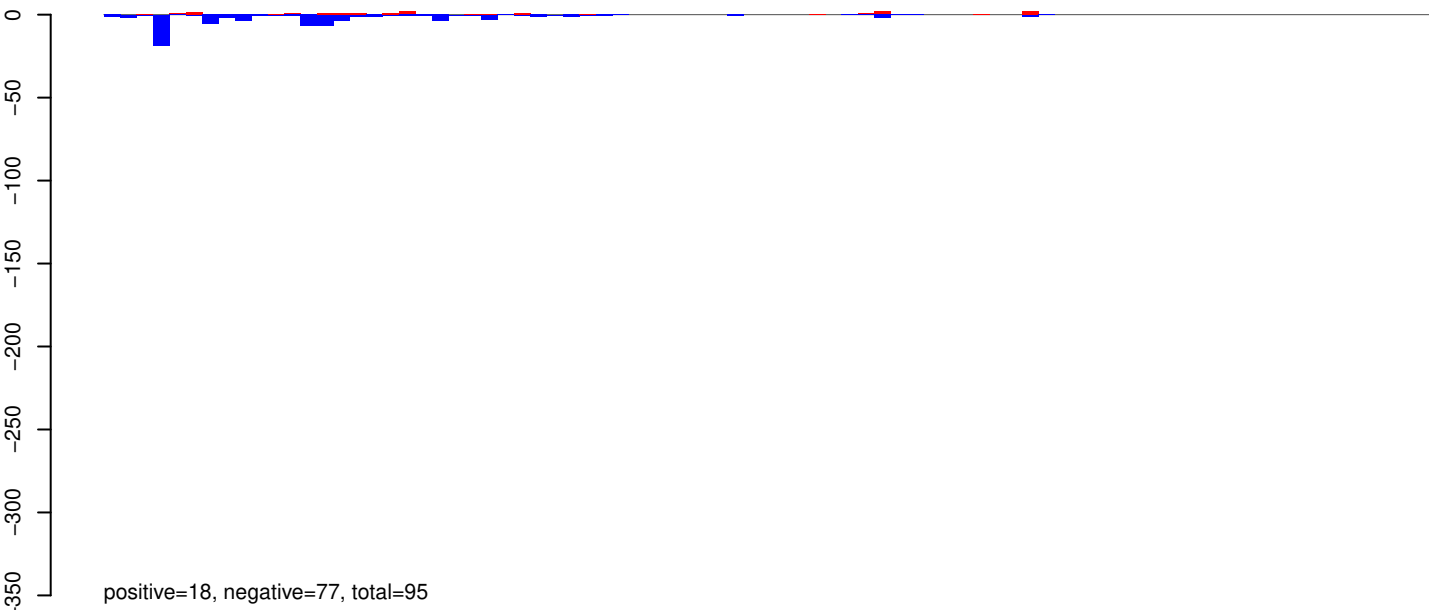


positive=18, negative=1, total=19

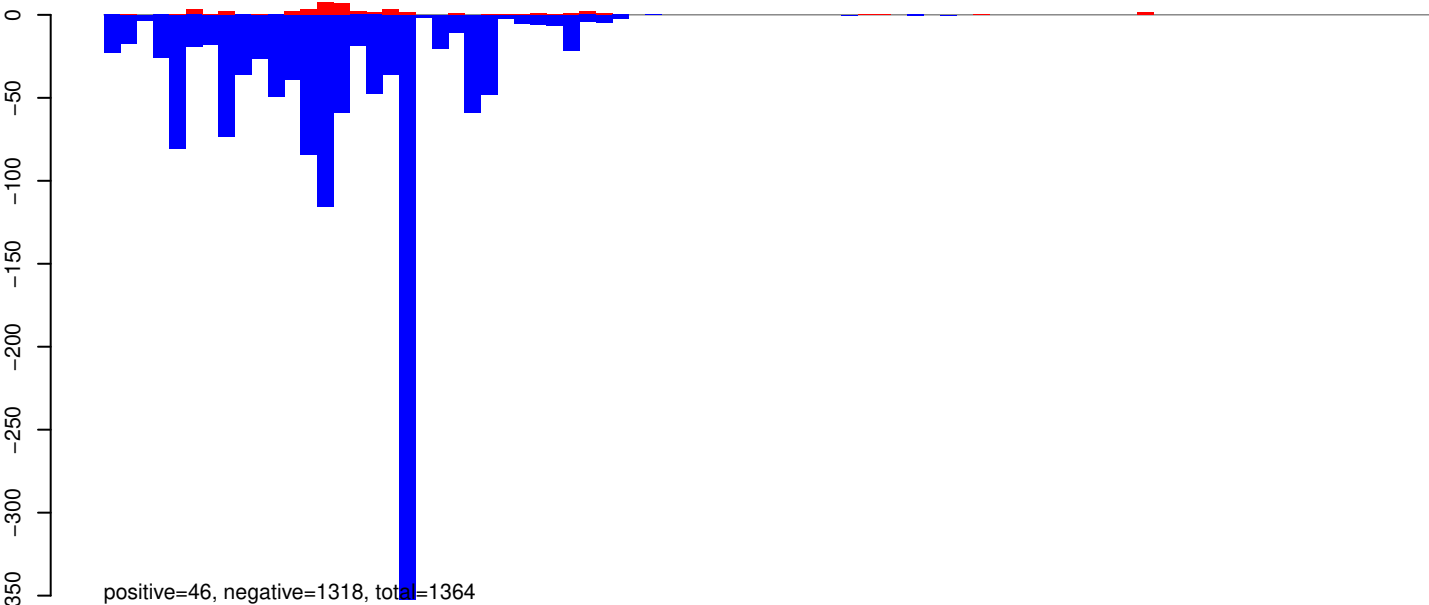
Window size=25, length=2118, TE@R=2746-UNKNOWN:1-2118



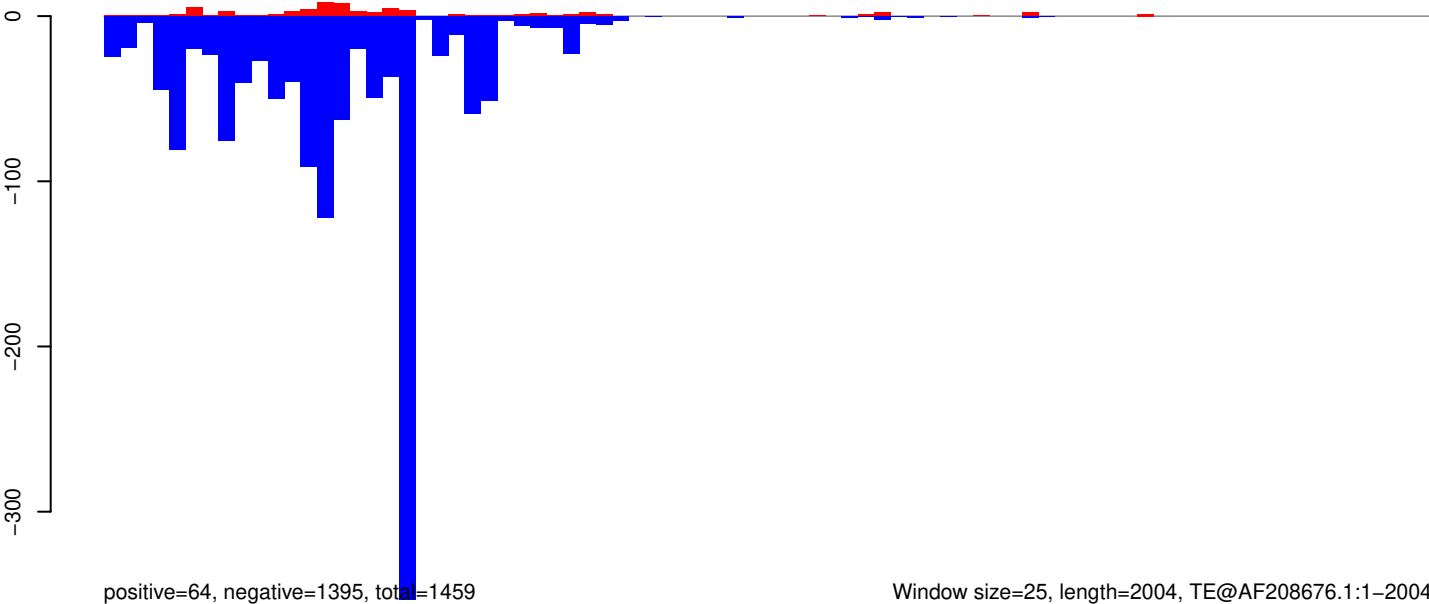
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



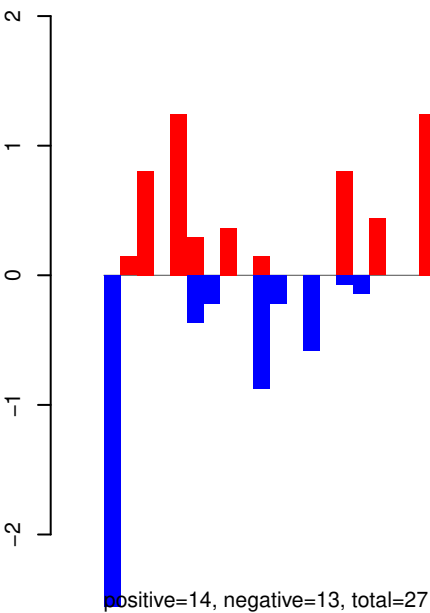
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



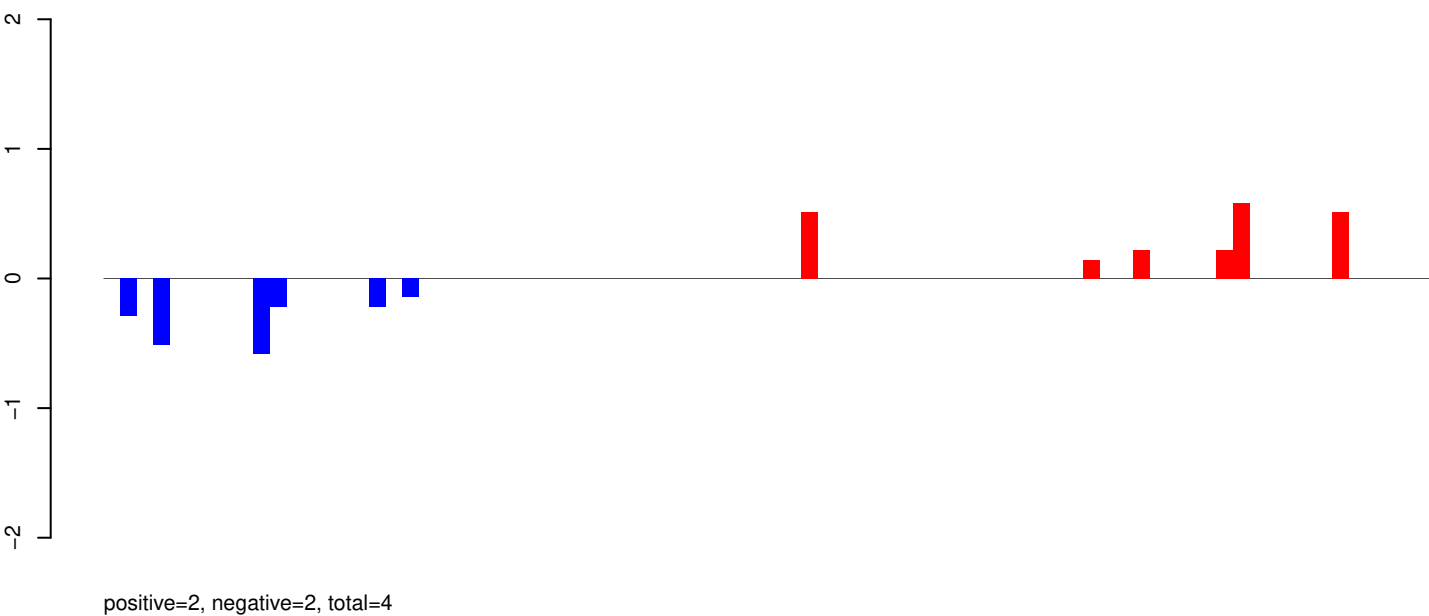
Window size=25, length=2004, TE@AF208676.1:1-2004

0 500 1000 1500 2000

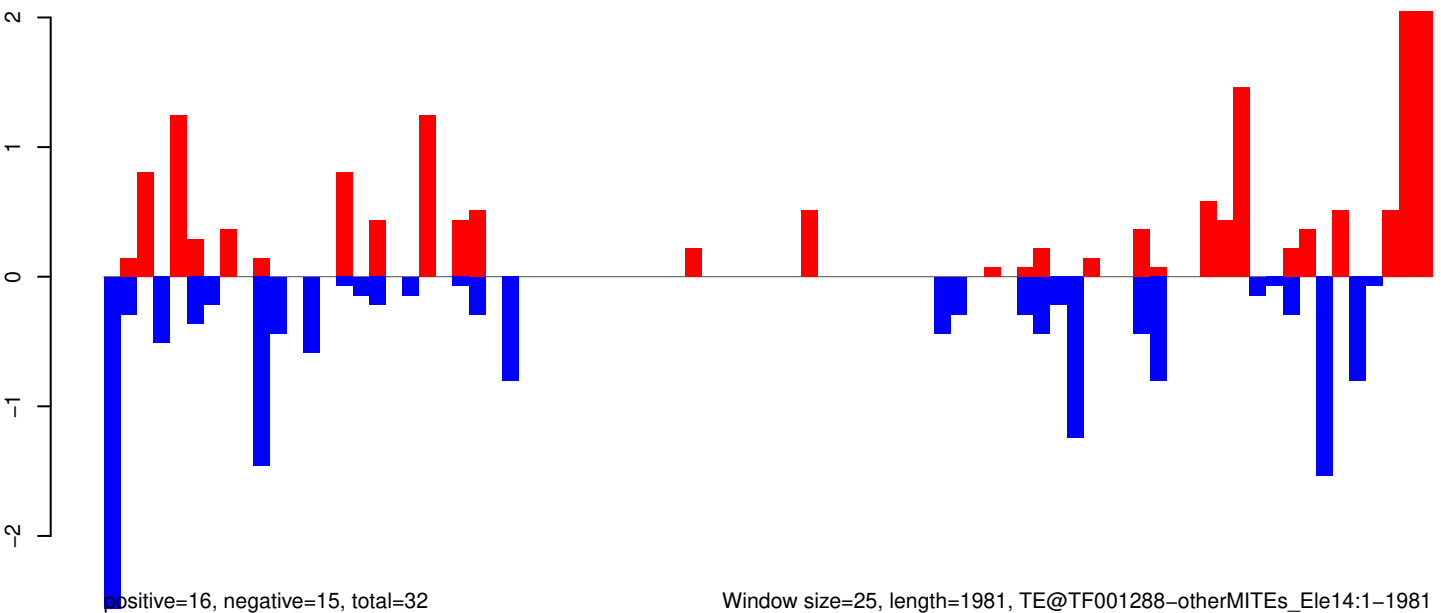
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

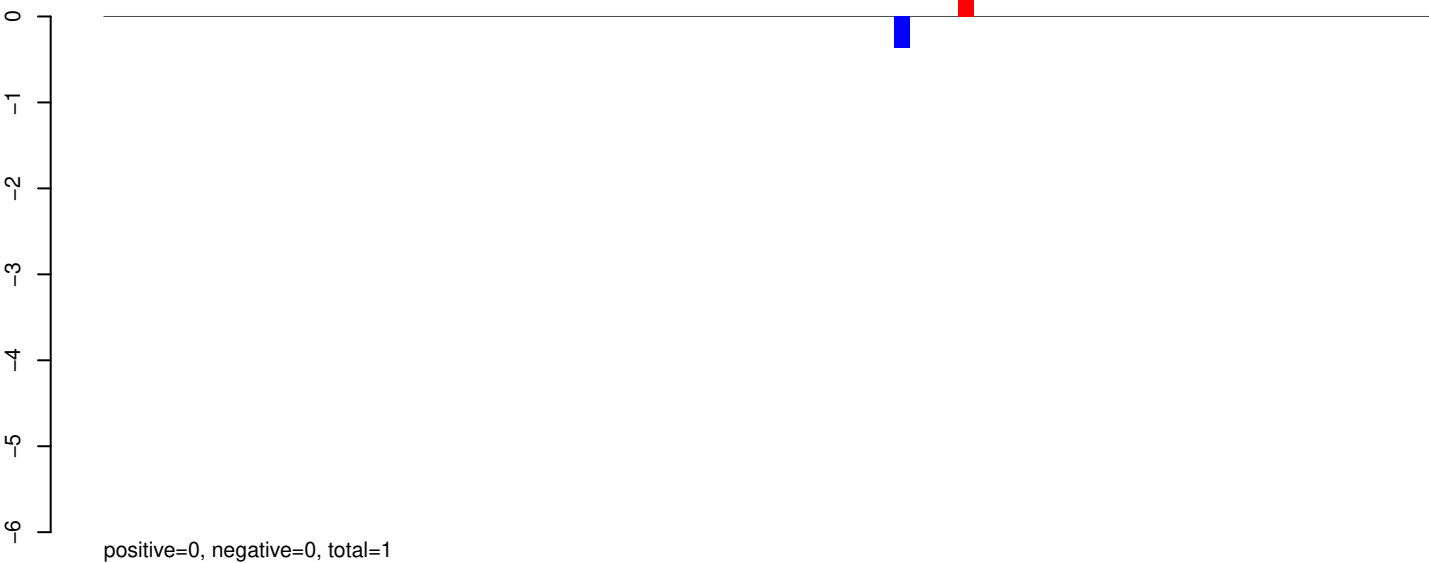


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

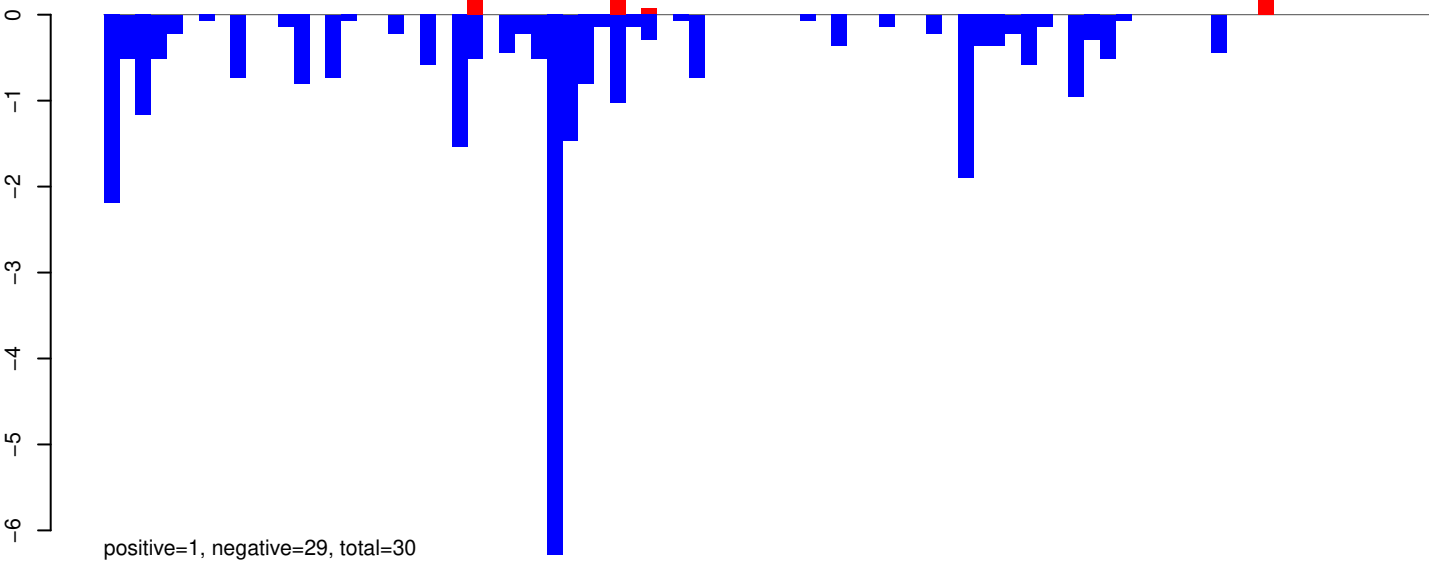


Window size=25, length=1981, TE@TF001288-otherMITEs\_Ele14:1-1981

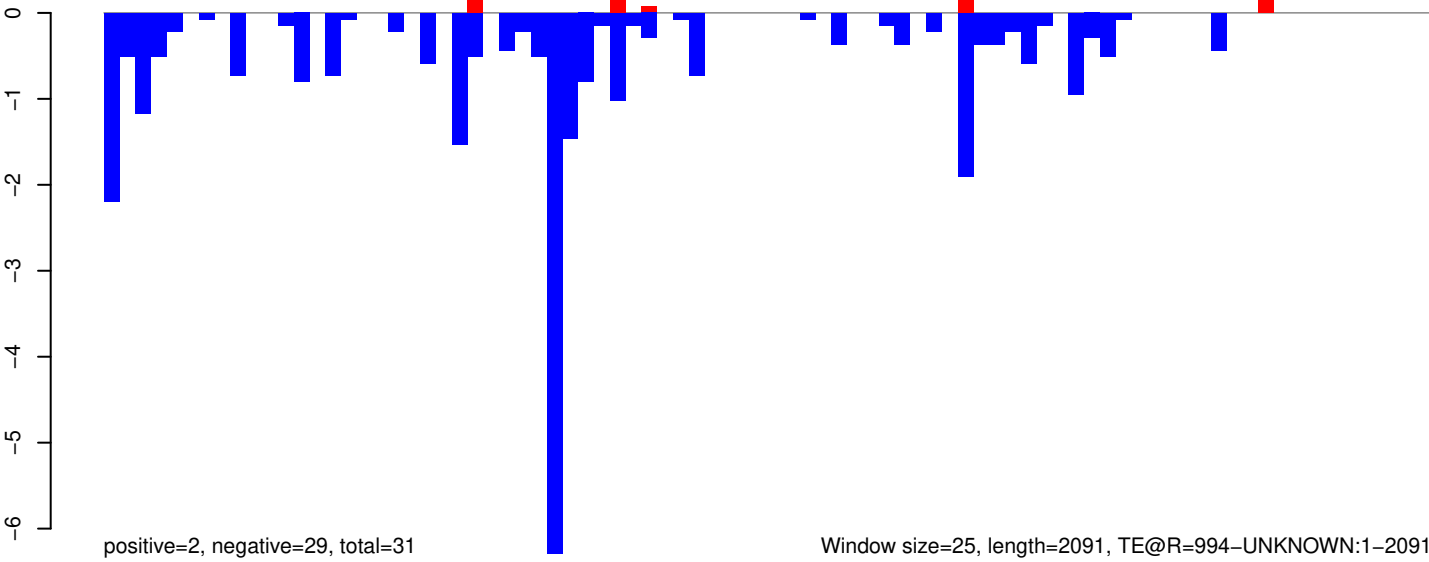
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=2091, TE@R=994-UNKNOWN:1-2091

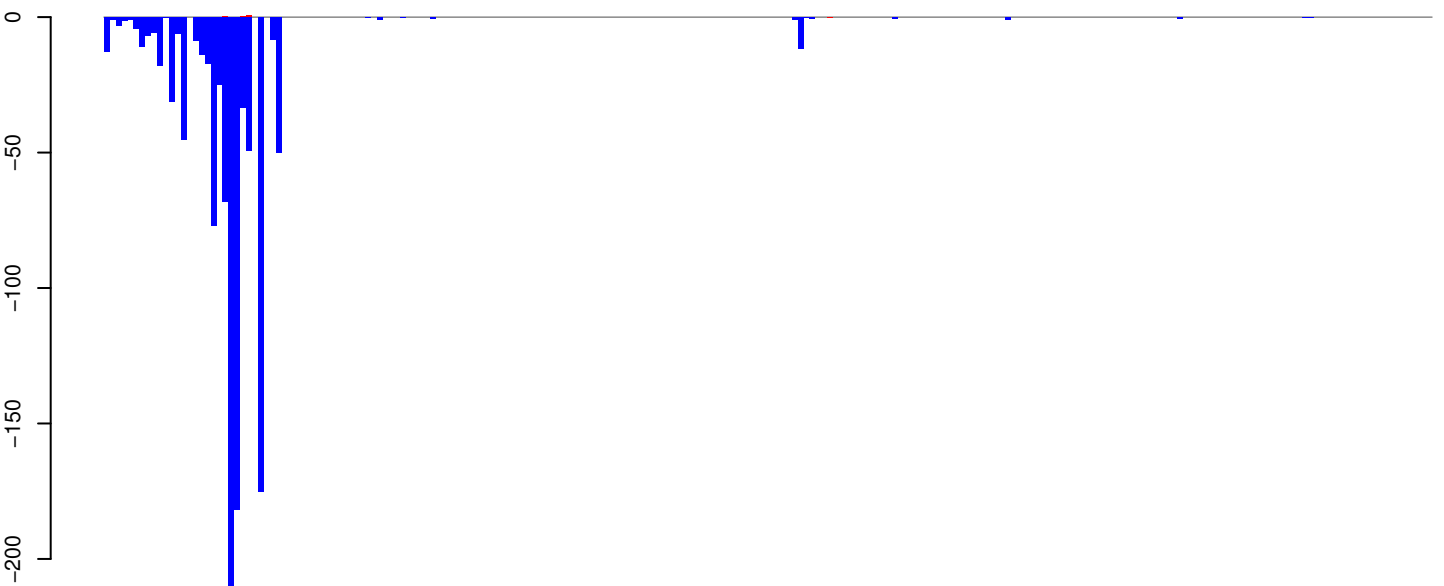


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



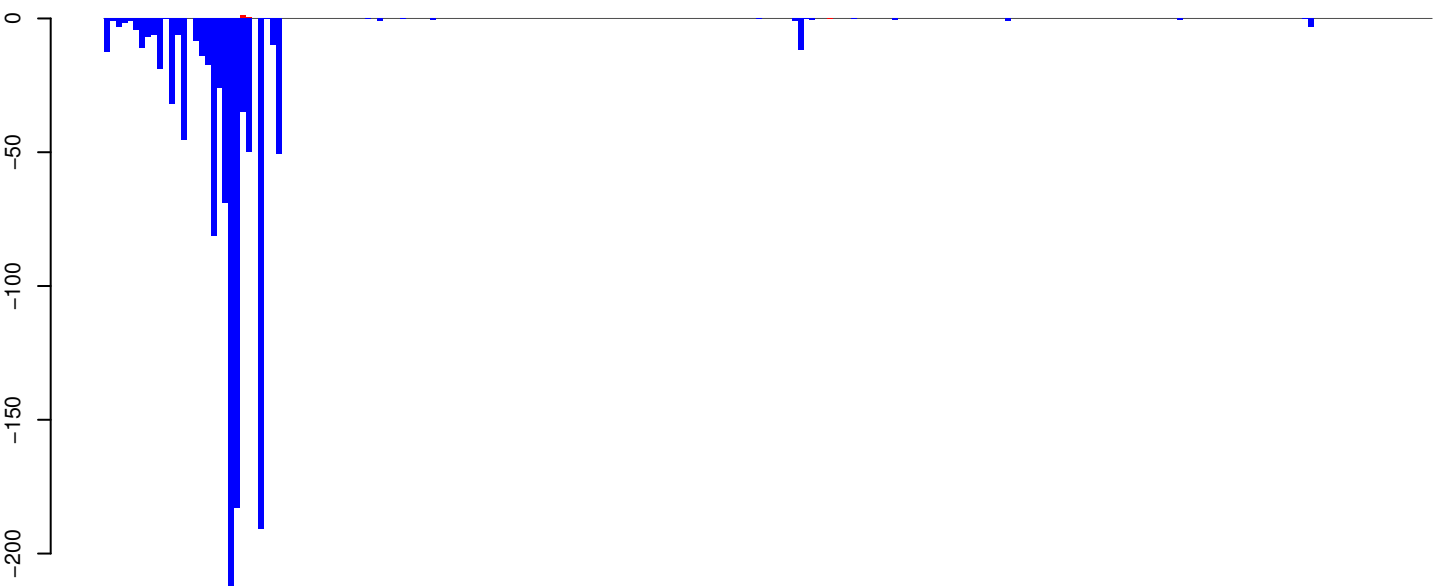
positive=1, negative=36, total=37

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=1093, total=1094

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

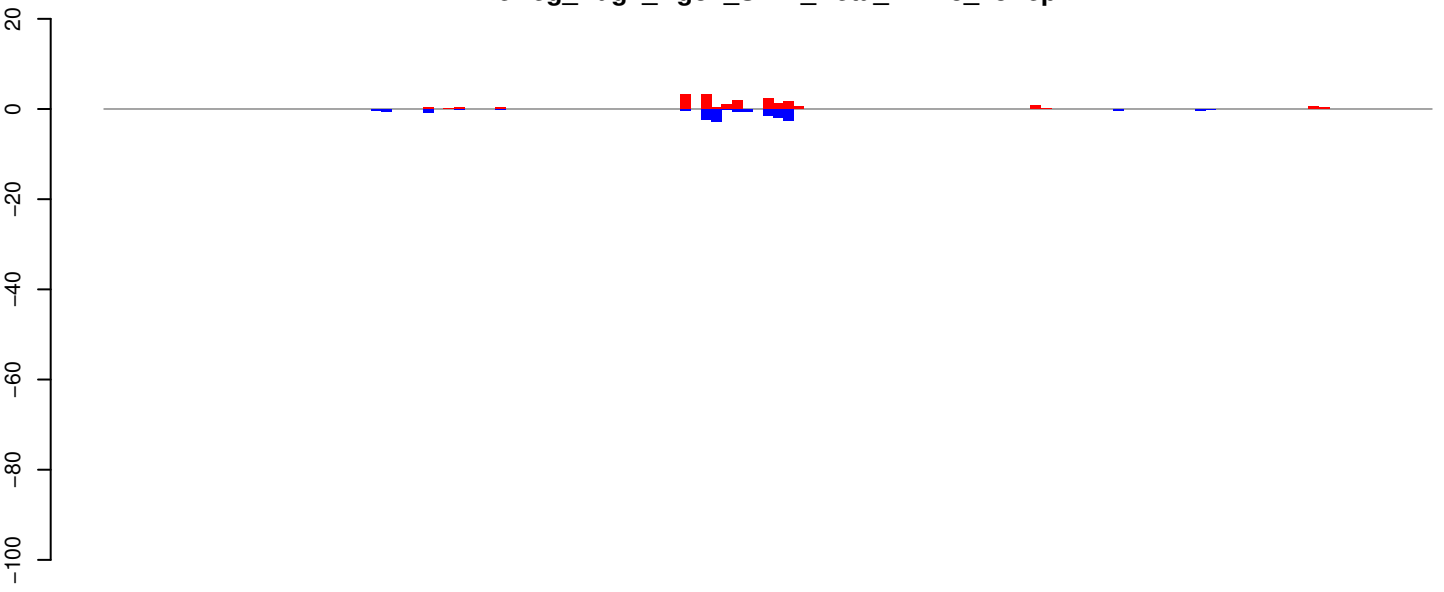


positive=2, negative=1129, total=1131

Window size=25, length=5598, TE@Gypsy-172\_AA-LTR-I:1-5598

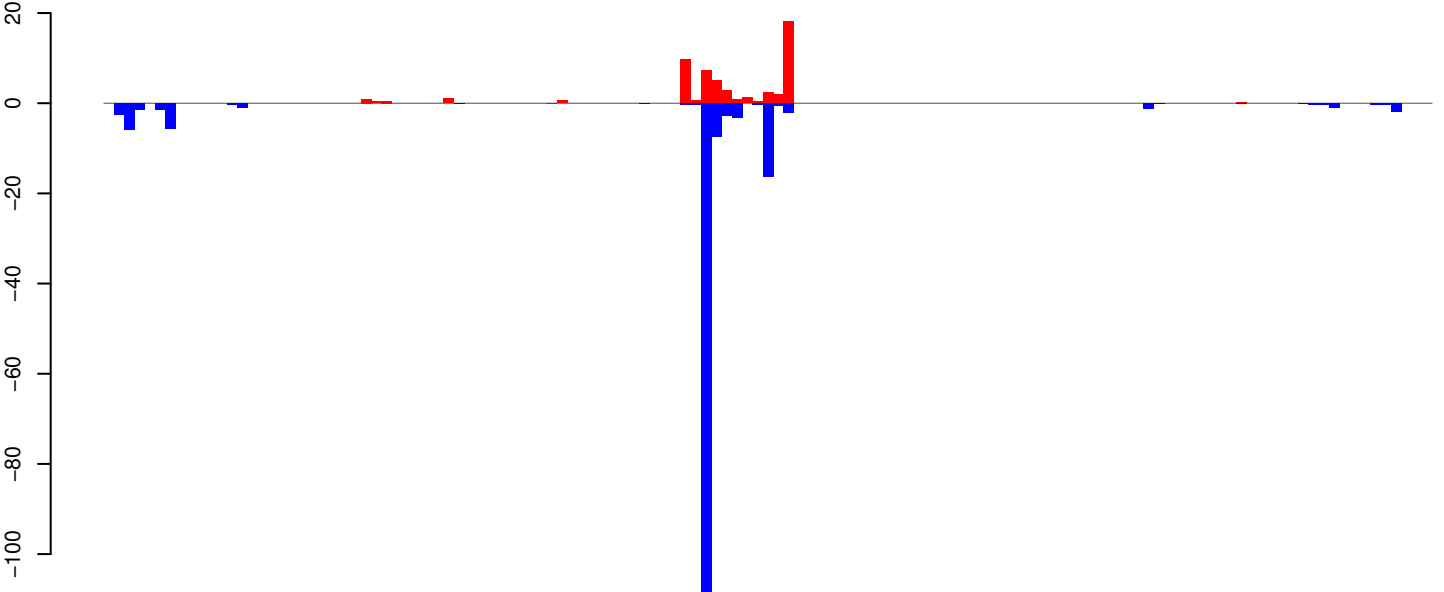
0 1000 2000 3000 4000 5000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



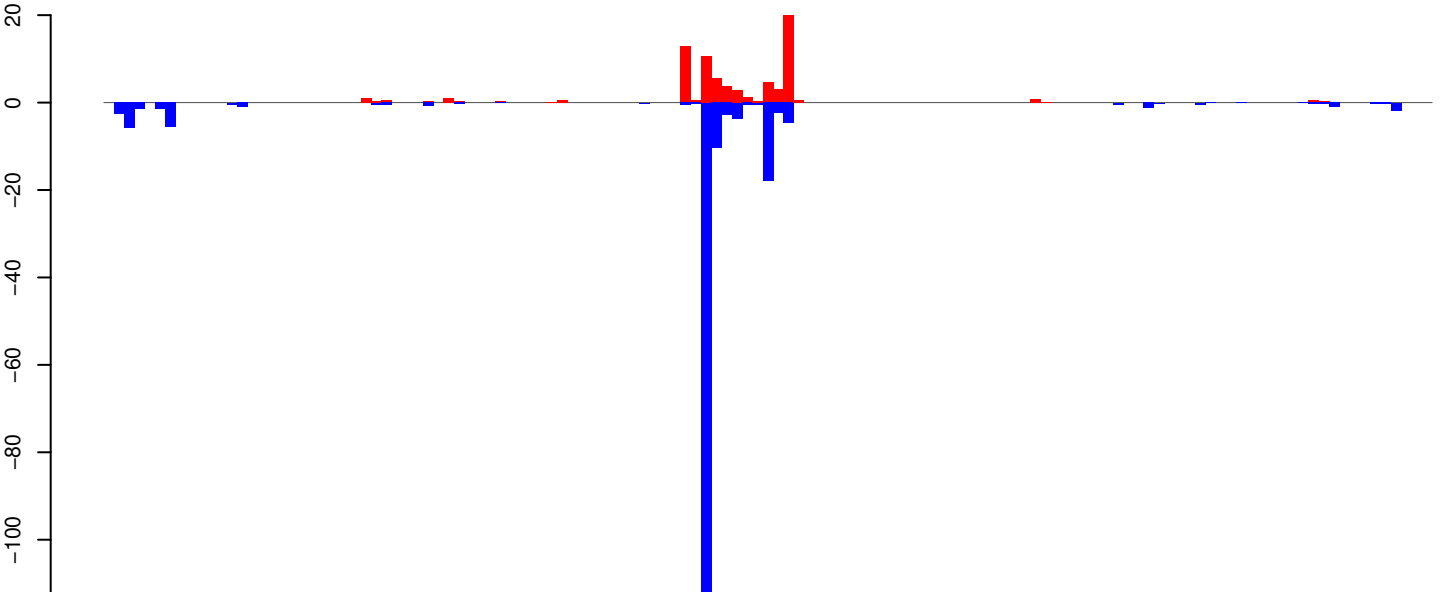
positive=19, negative=16, total=34

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=55, negative=172, total=227

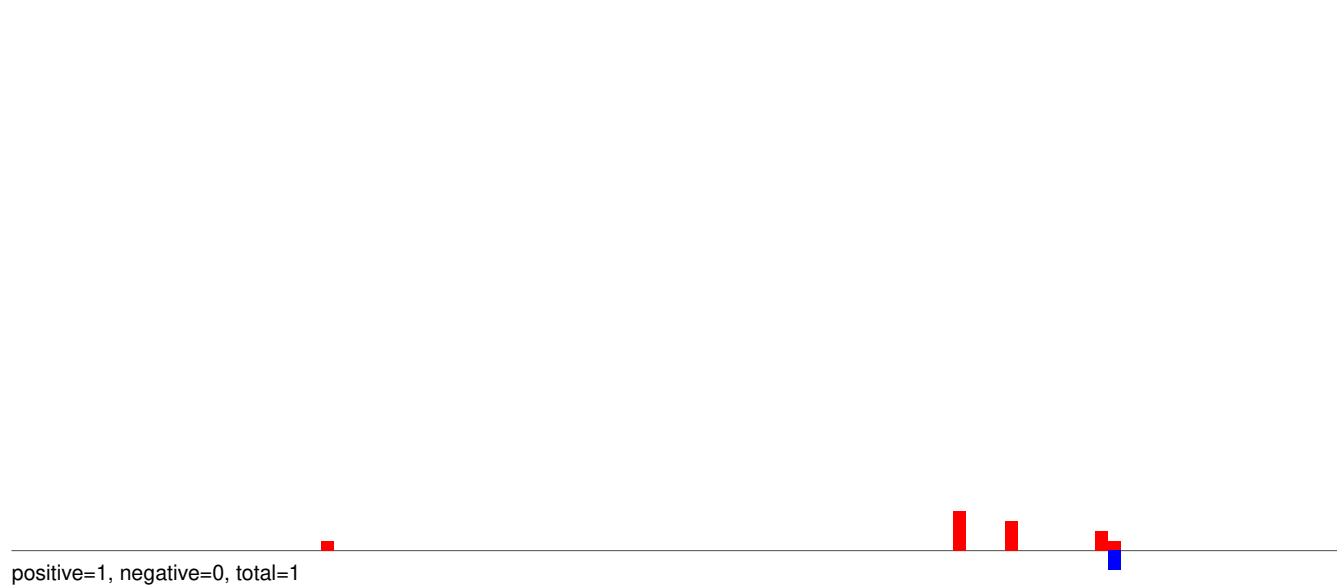
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



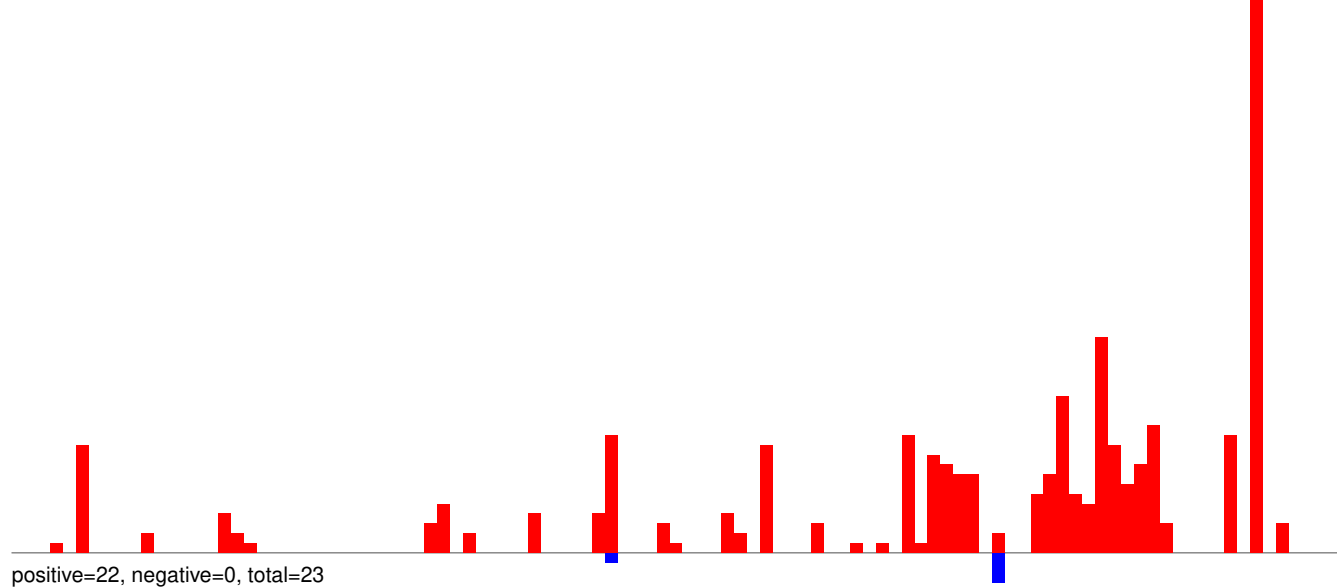
positive=73, negative=188, total=261

Window size=25, length=3206, TE@DNA7-1\_AAe:1-3206

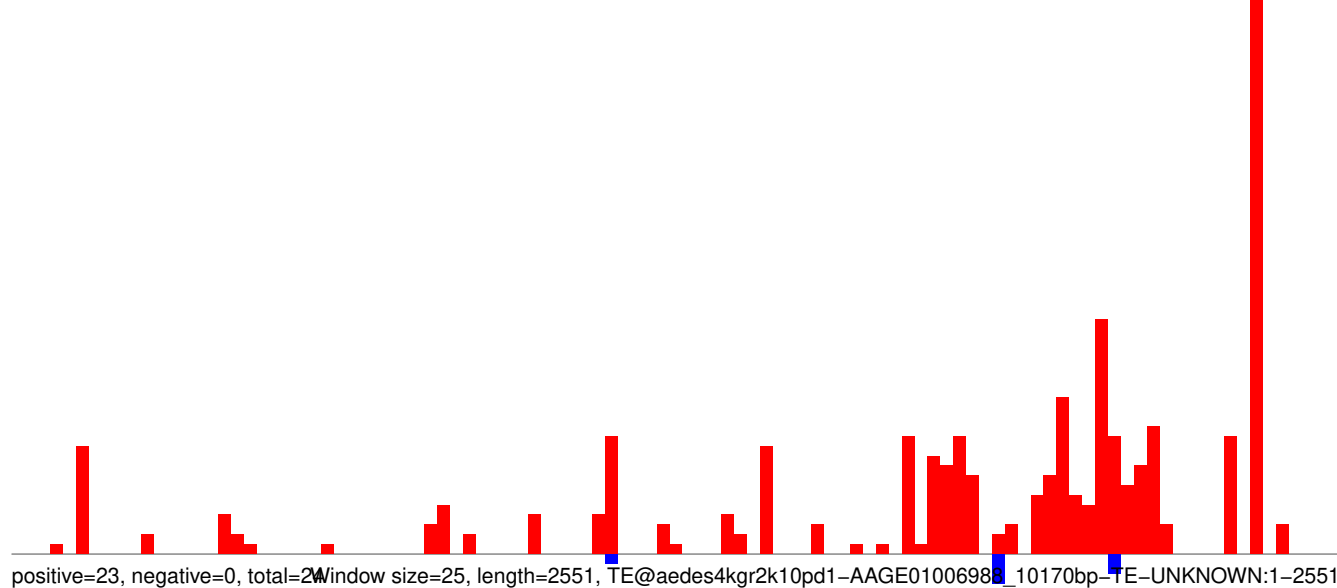
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



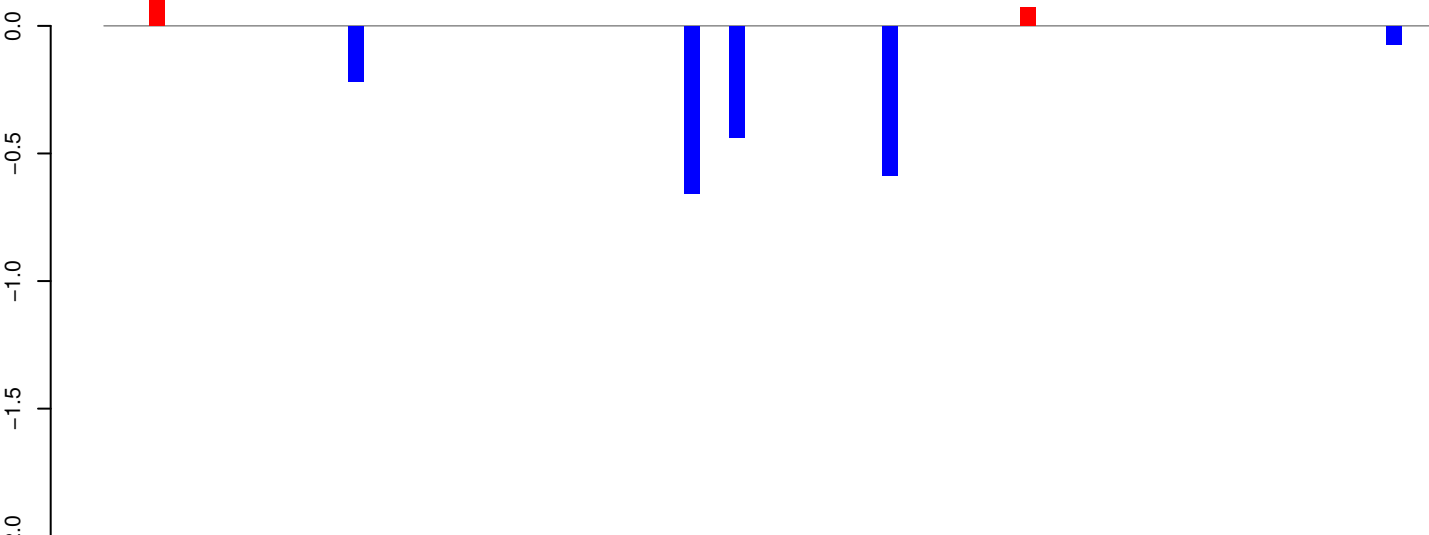
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

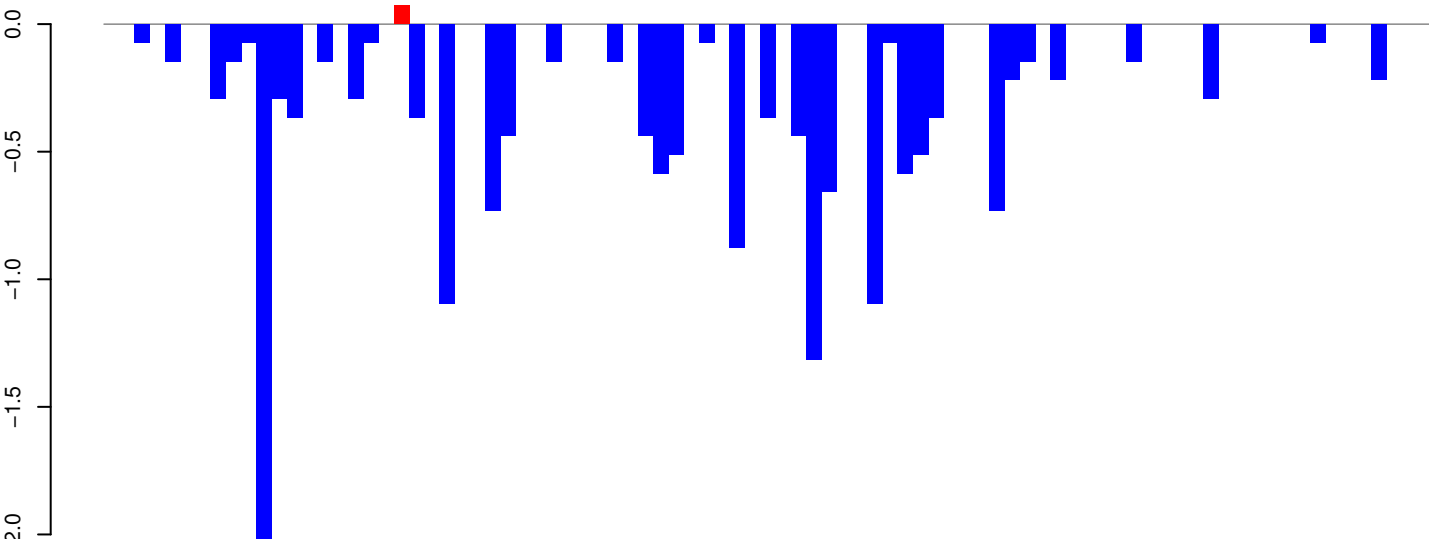


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



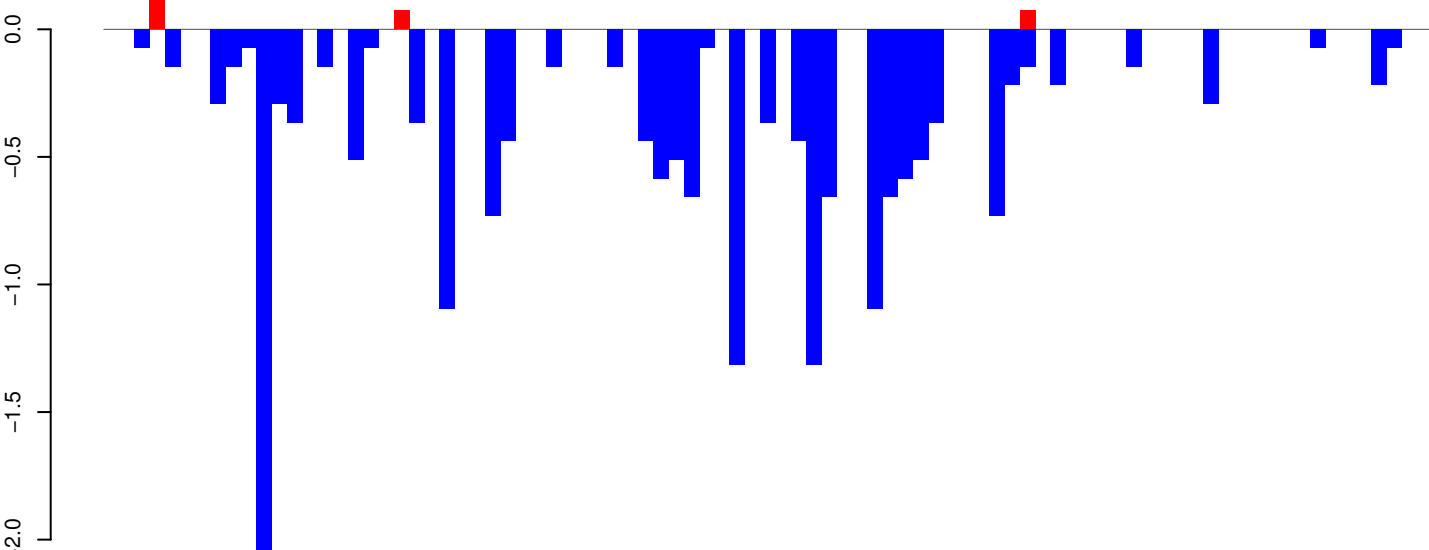
positive=0, negative=2, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=17, total=17

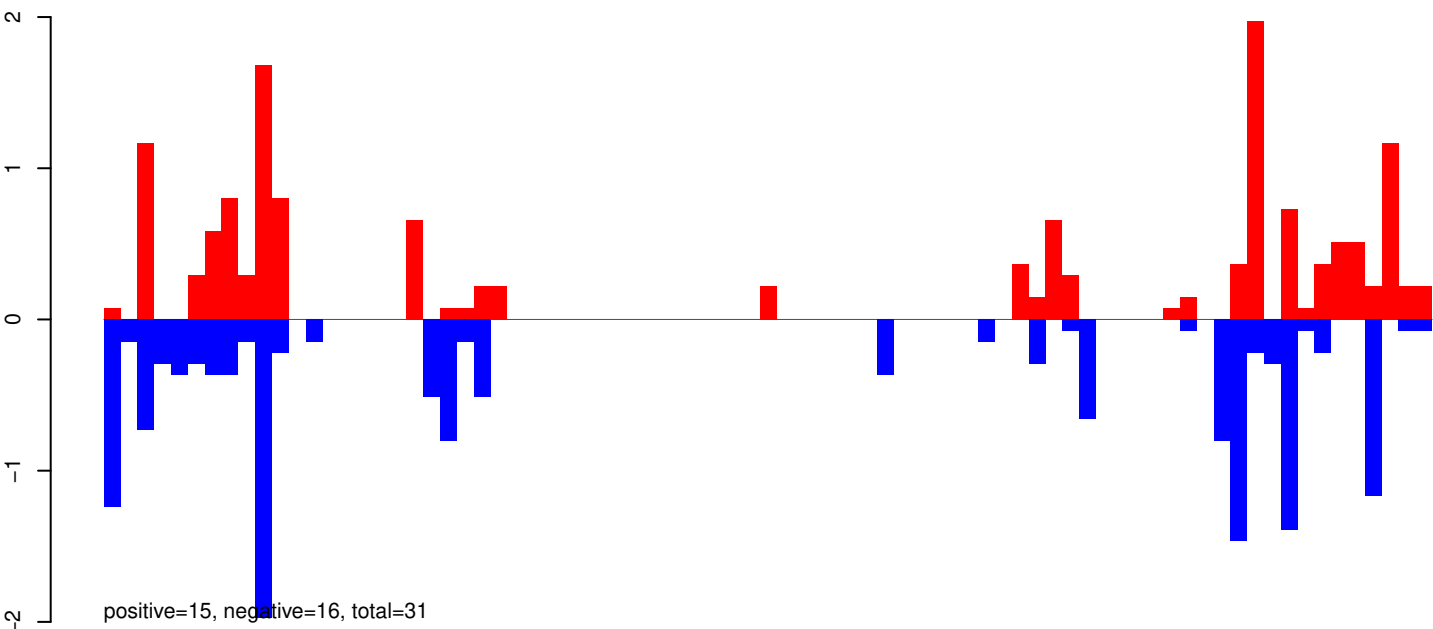
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



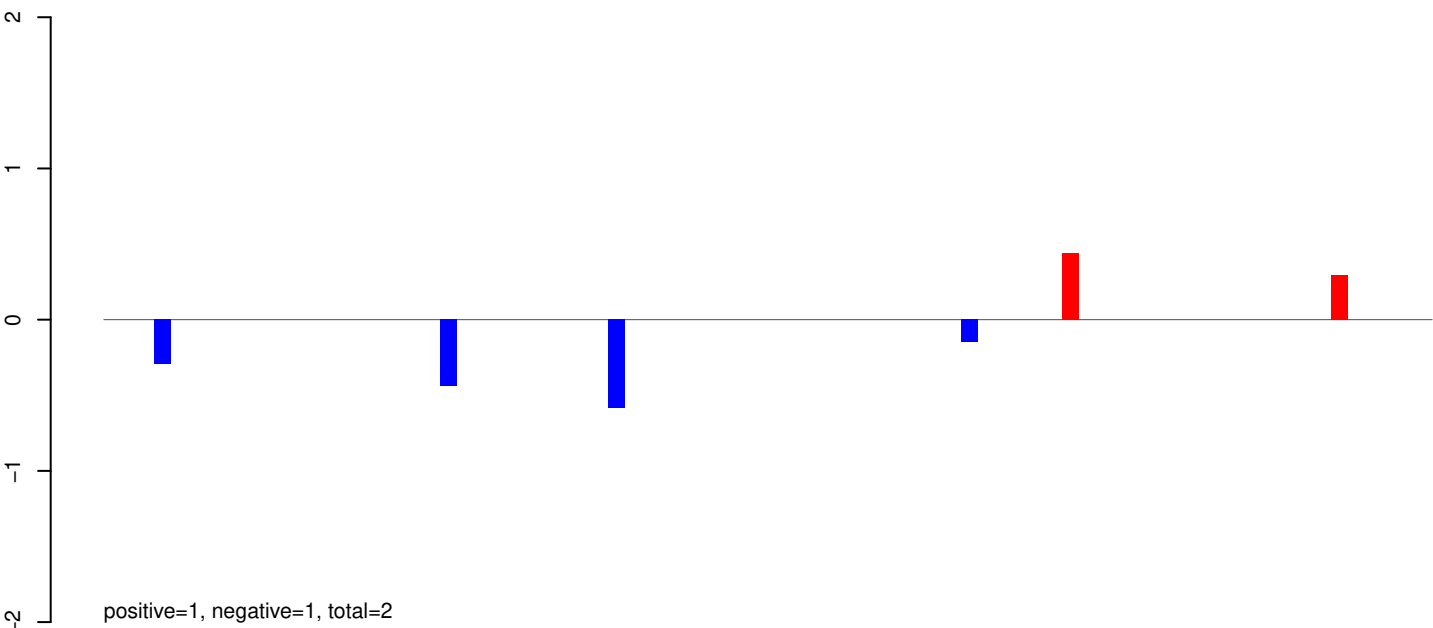
positive=0, negative=19, total=19

Window size=25, length=2173, TE@R=791-UNKNOWN:1-2173

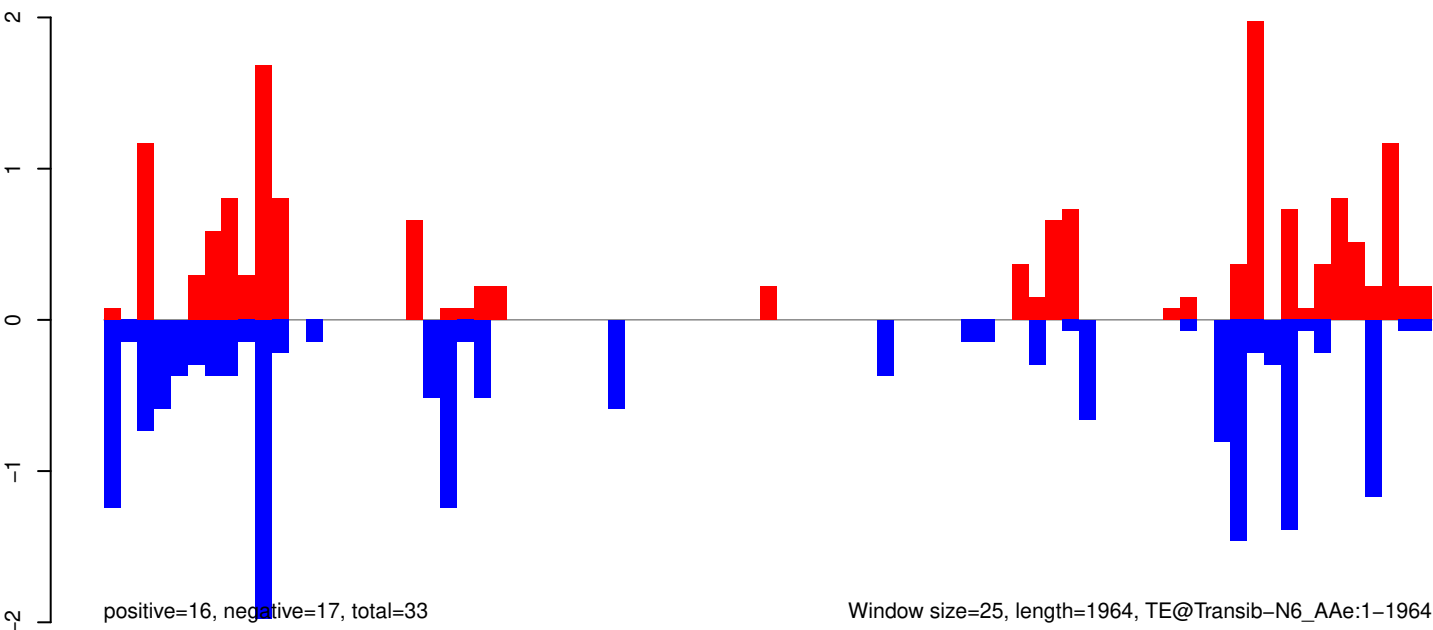
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



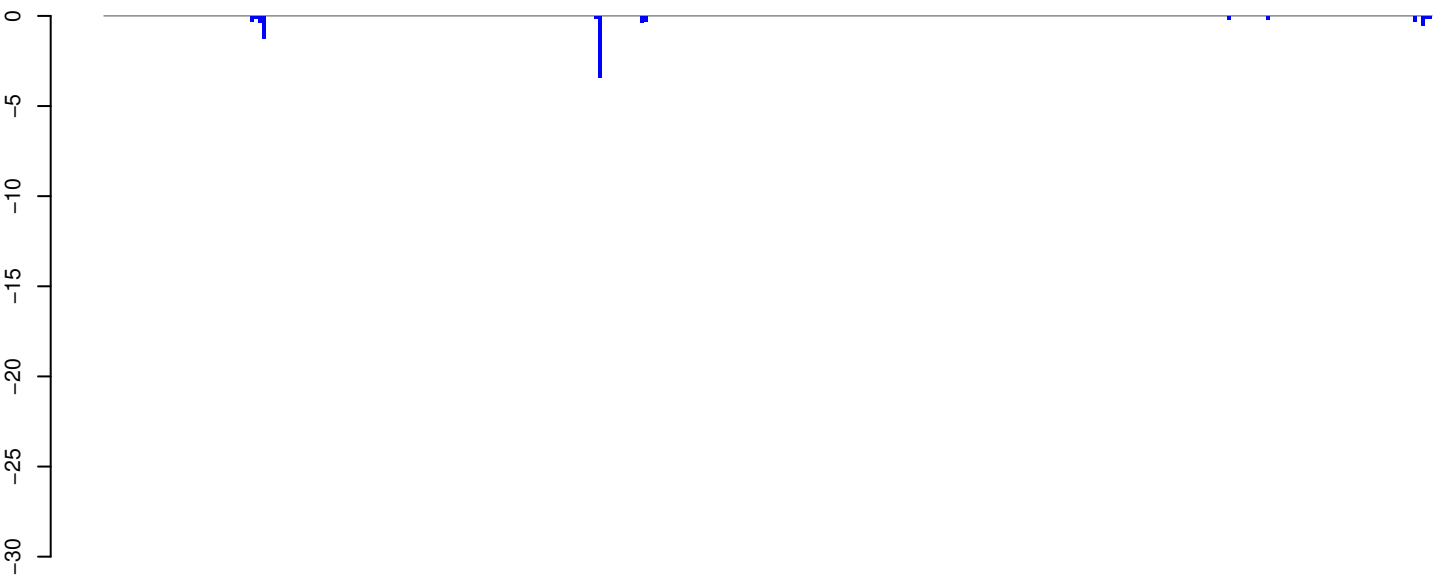
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

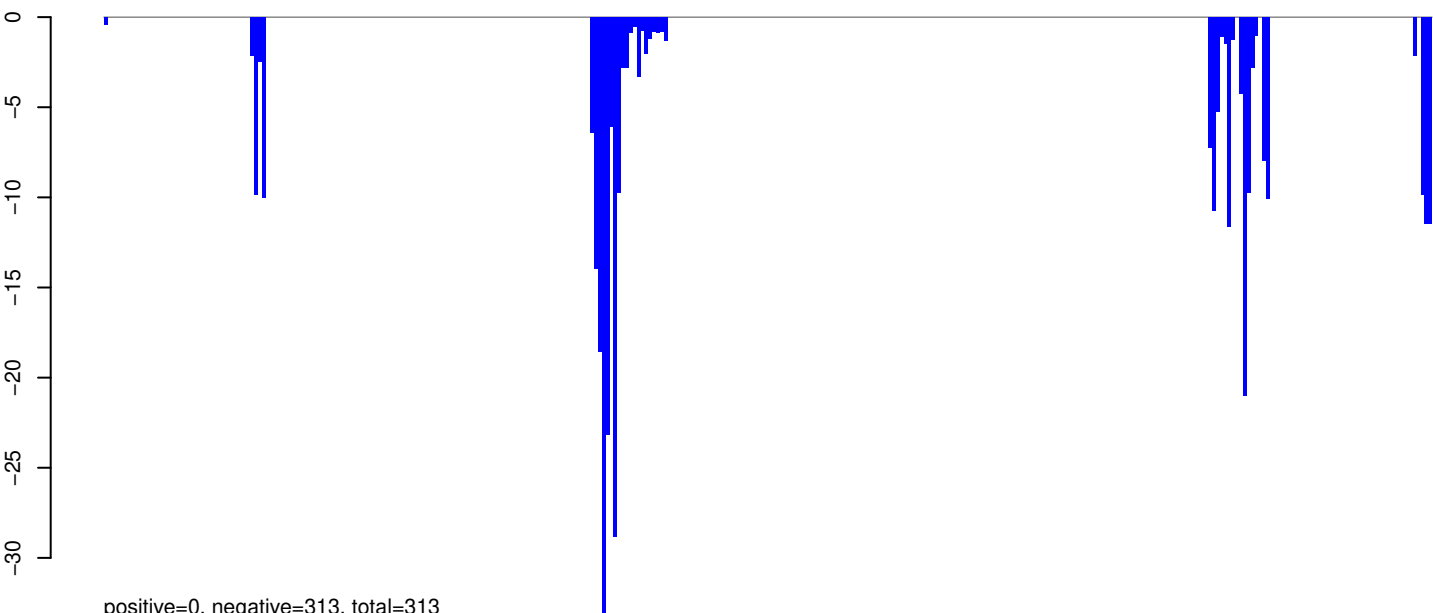


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



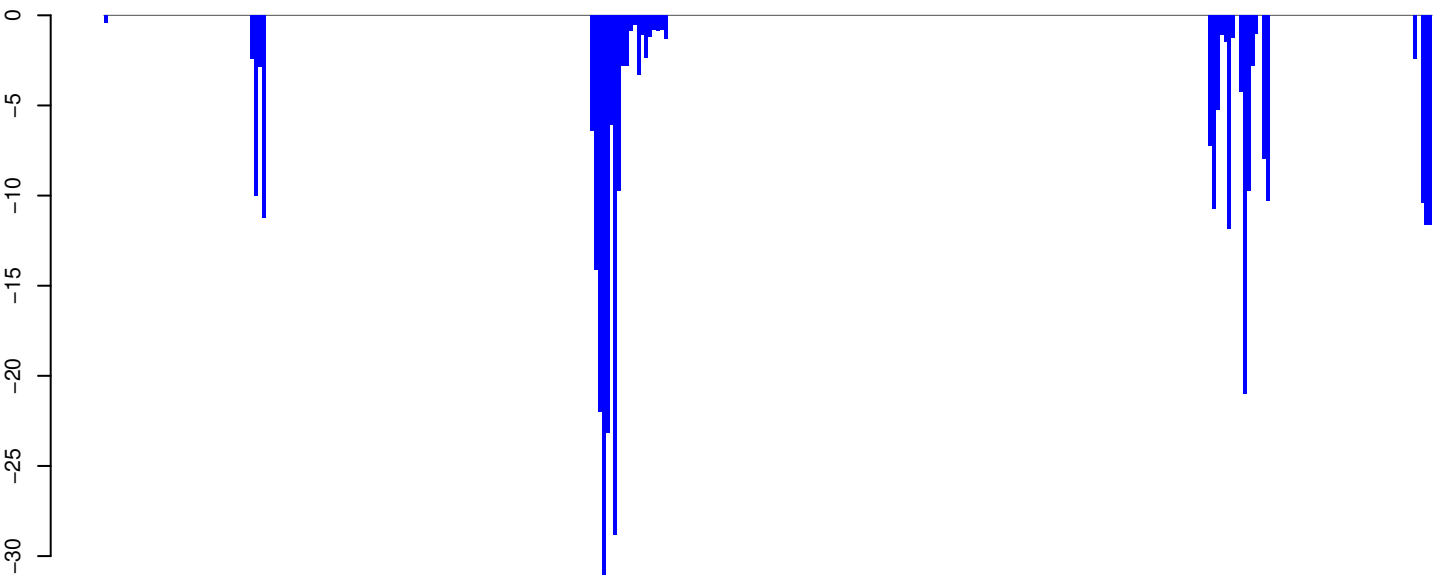
positive=0, negative=8, total=8

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=313, total=313

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

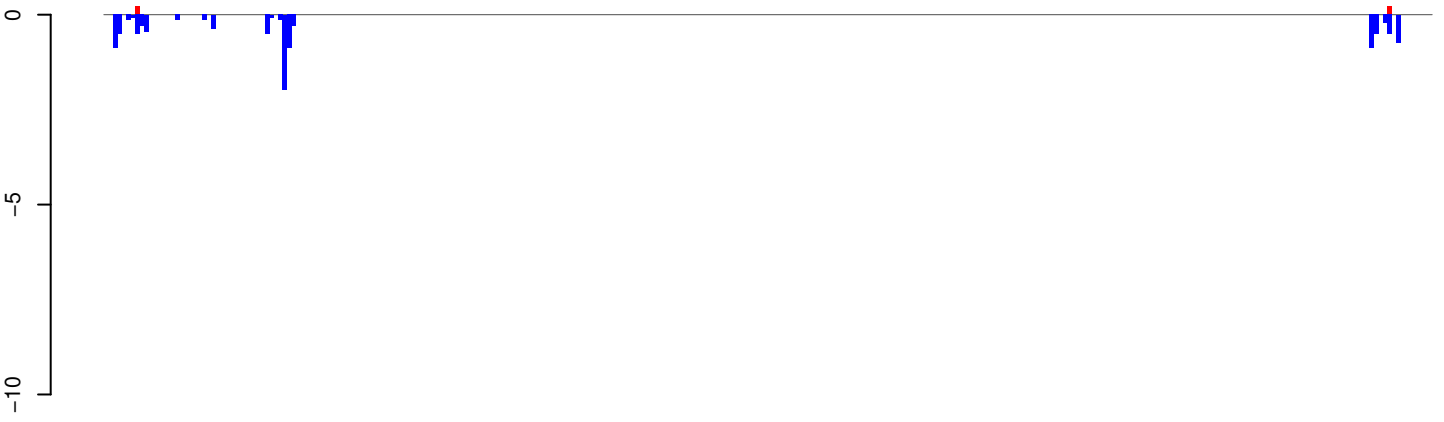


positive=0, negative=321, total=321

Window size=25, length=8598, TE@TF000947-Ty3\_gypsy\_Ele179:1-8598

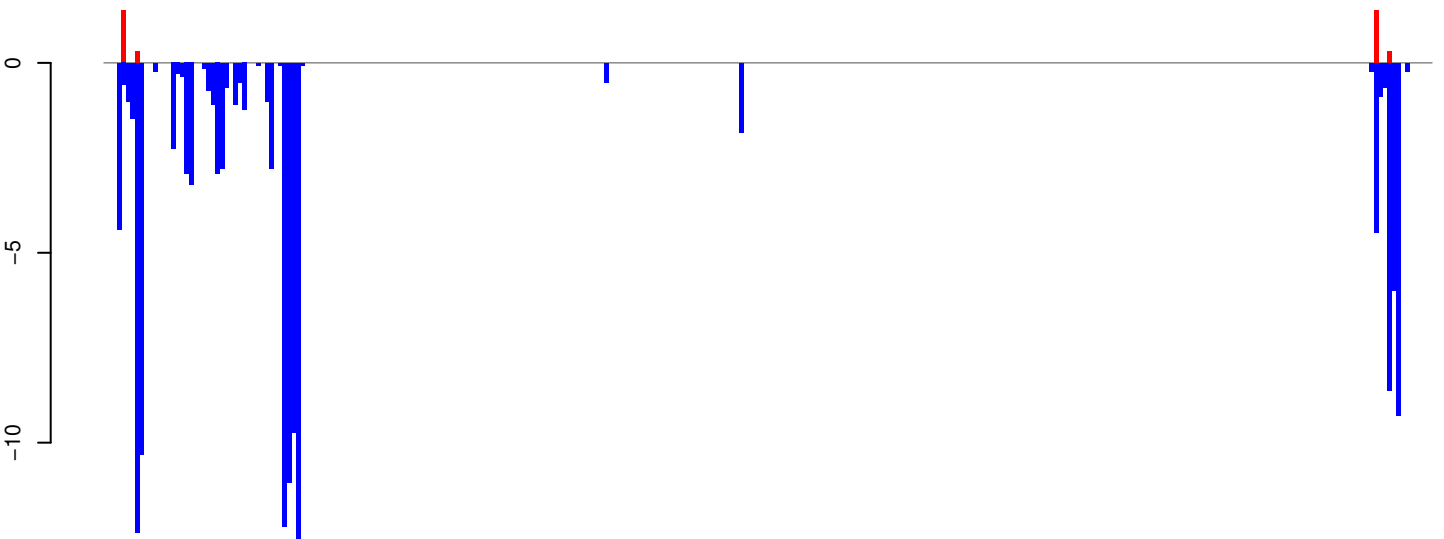
0 2000 4000 6000 8000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



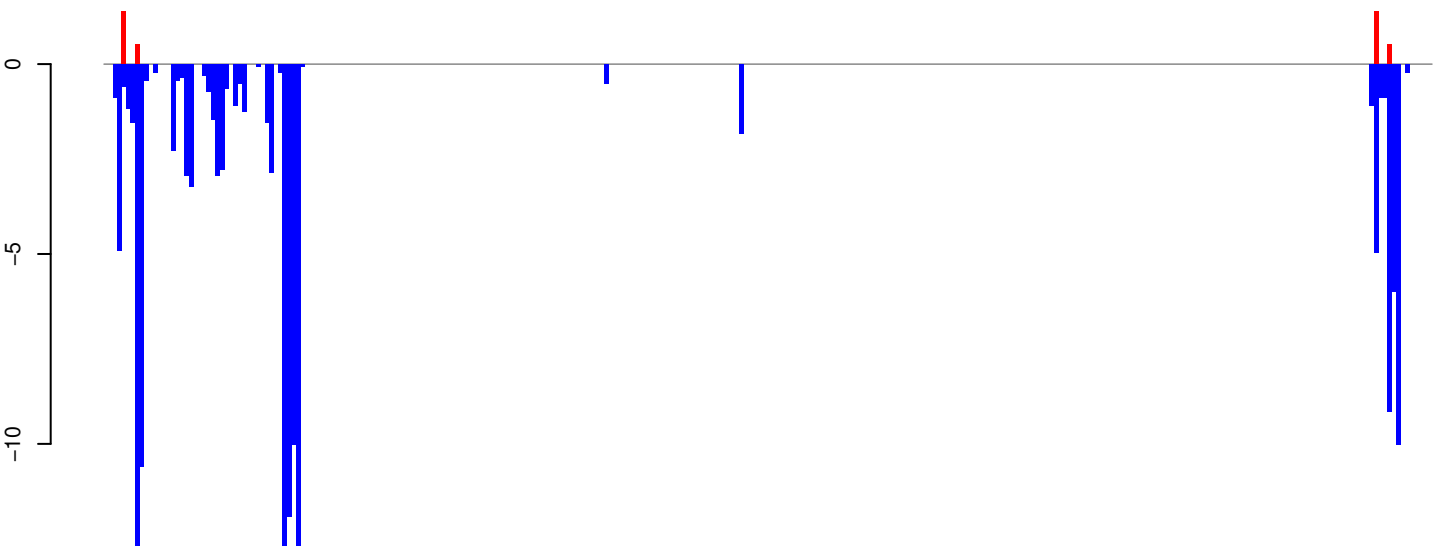
positive=0, negative=10, total=11

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=3, negative=135, total=138

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

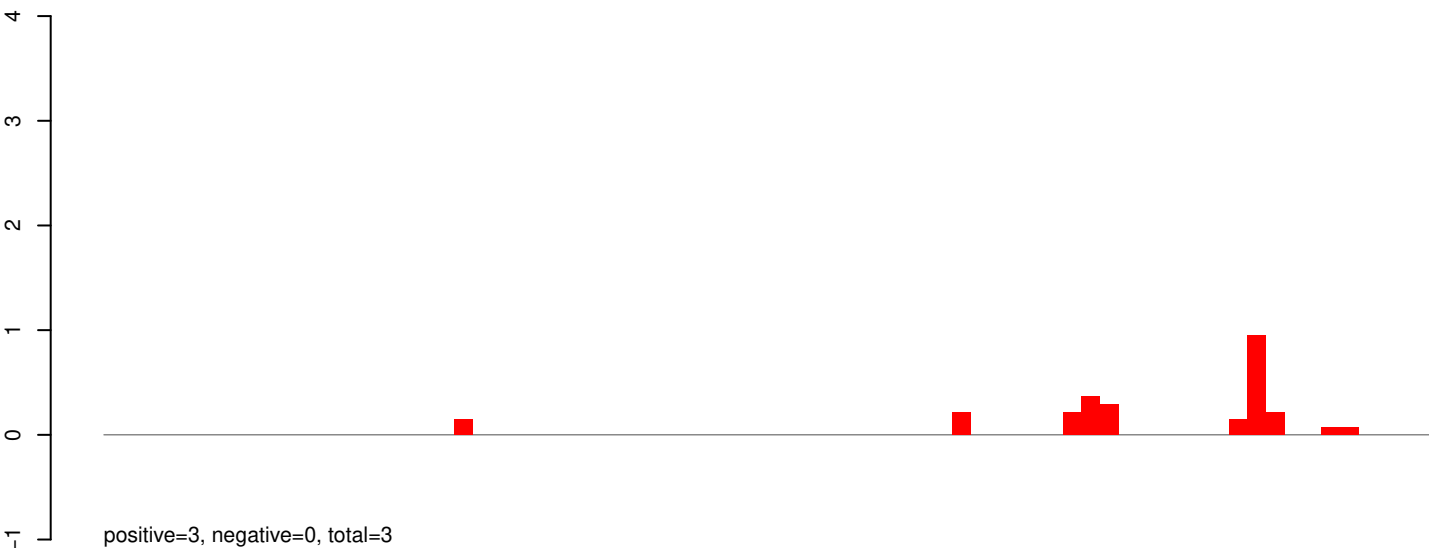


positive=4, negative=145, total=149

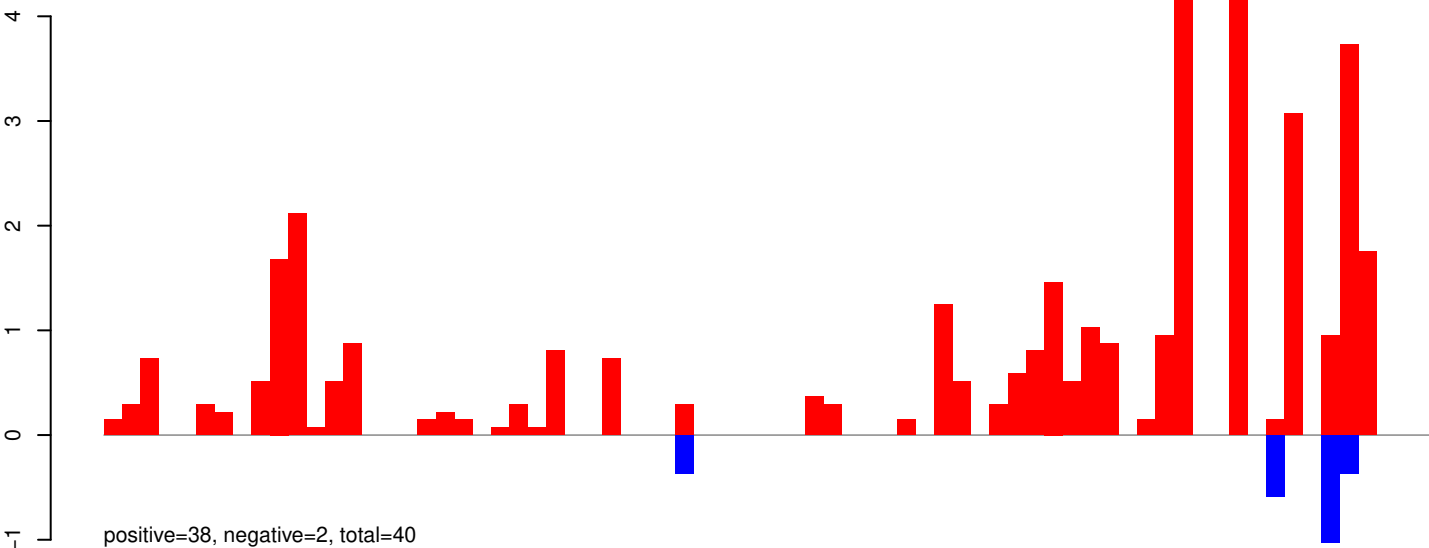
Window size=25, length=7424, TE@TF000512-Ty3\_gypsy\_Ele151:1-7424

0 2000 4000 6000

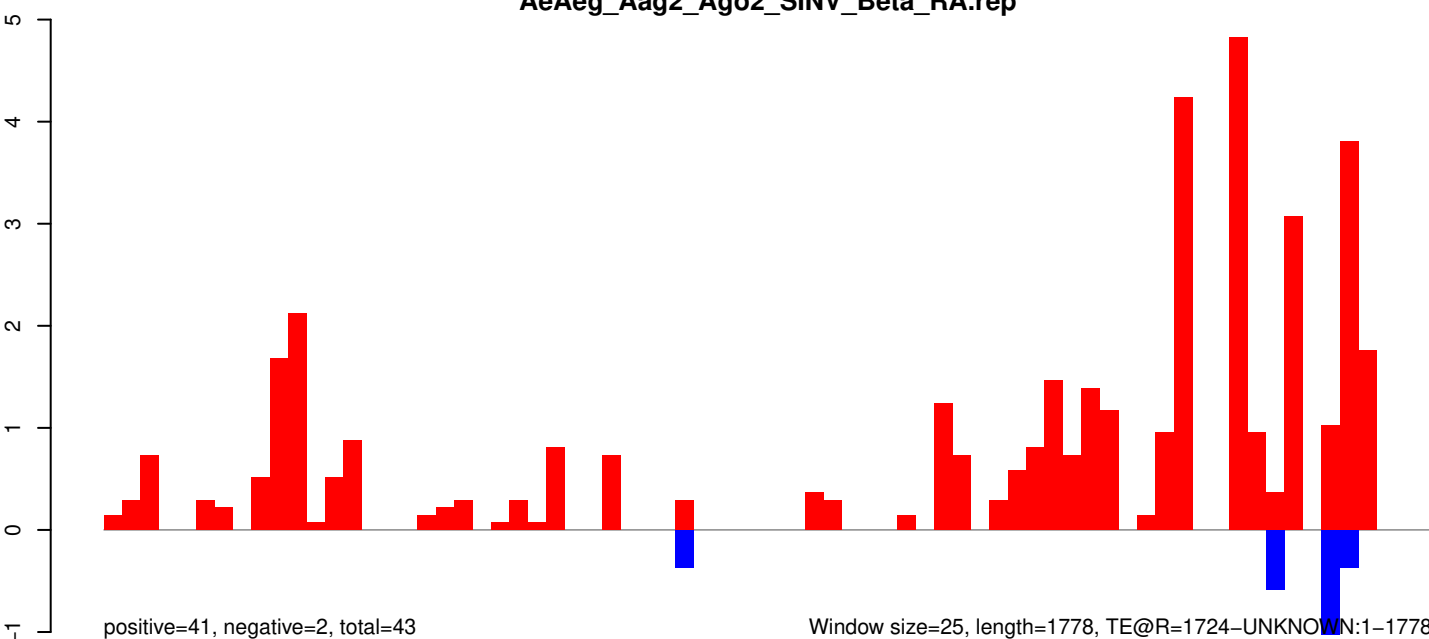
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



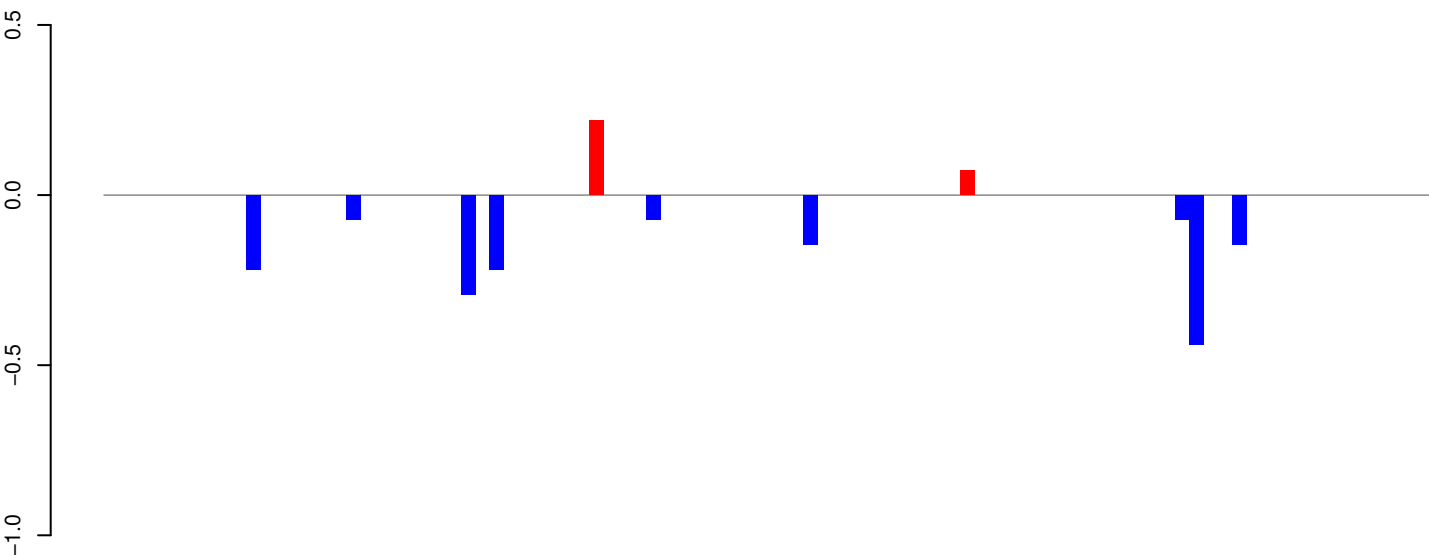
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=1778, TE@R=1724-UNKNOWN:1-1778

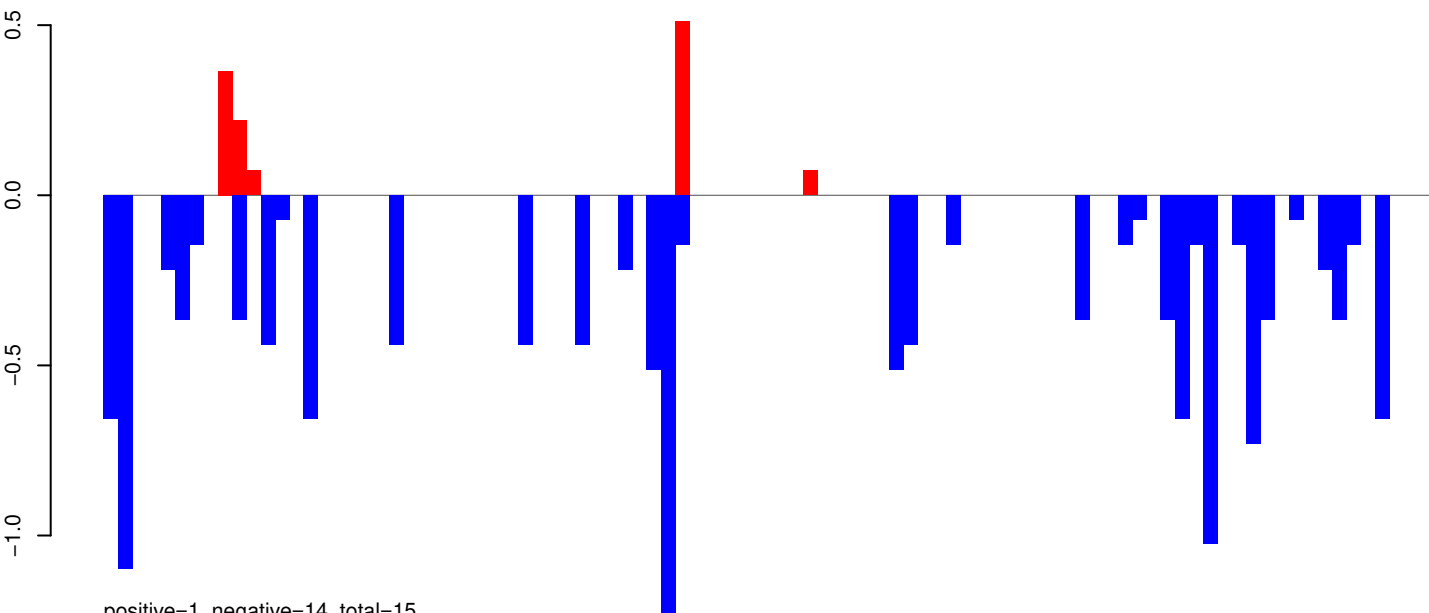


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



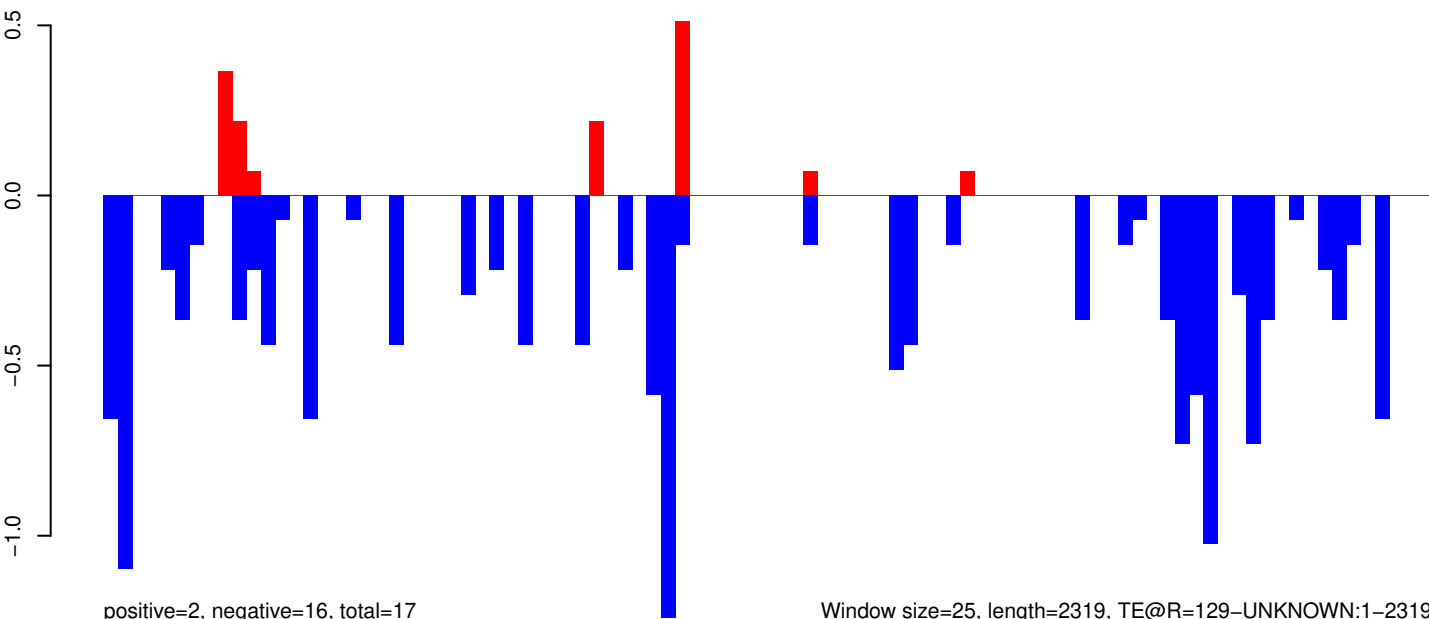
positive=0, negative=2, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=14, total=15

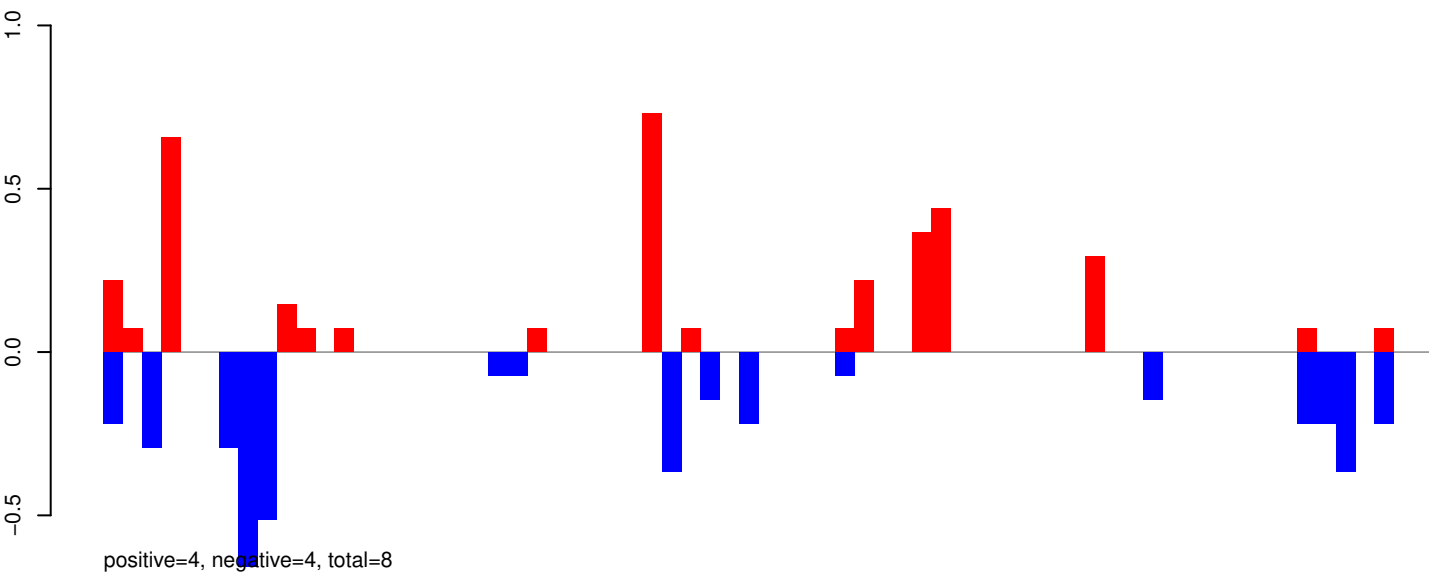
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



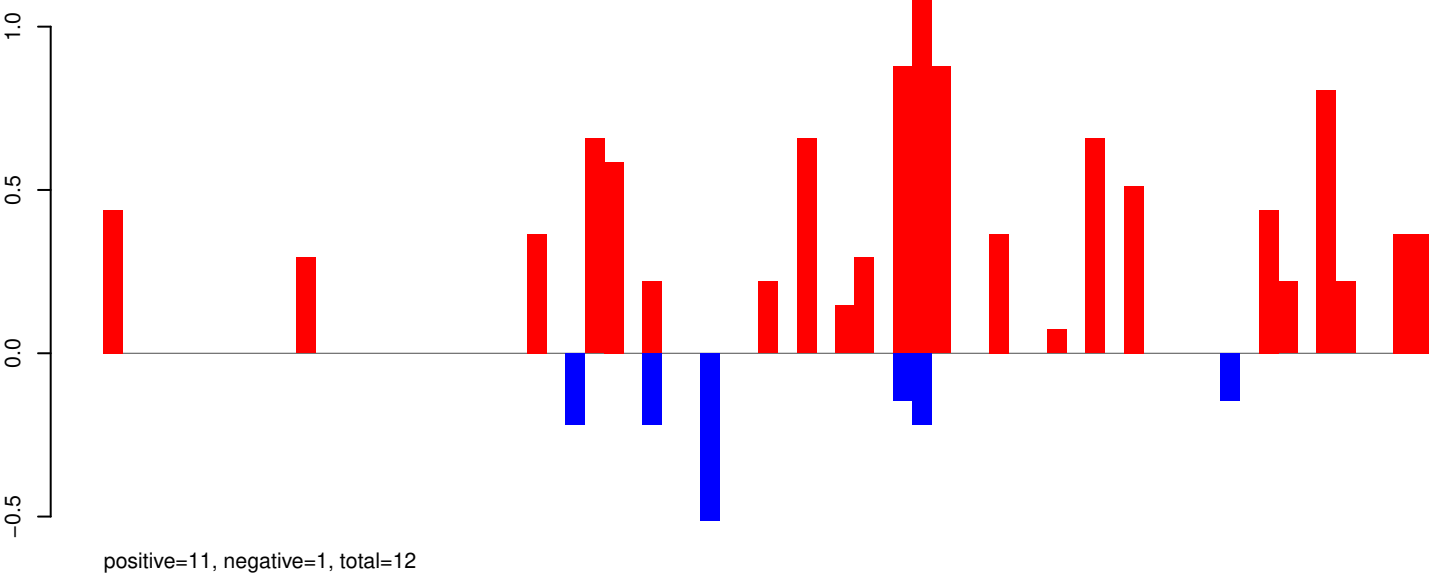
positive=2, negative=16, total=17

Window size=25, length=2319, TE@R=129-UNKNOWN:1-2319

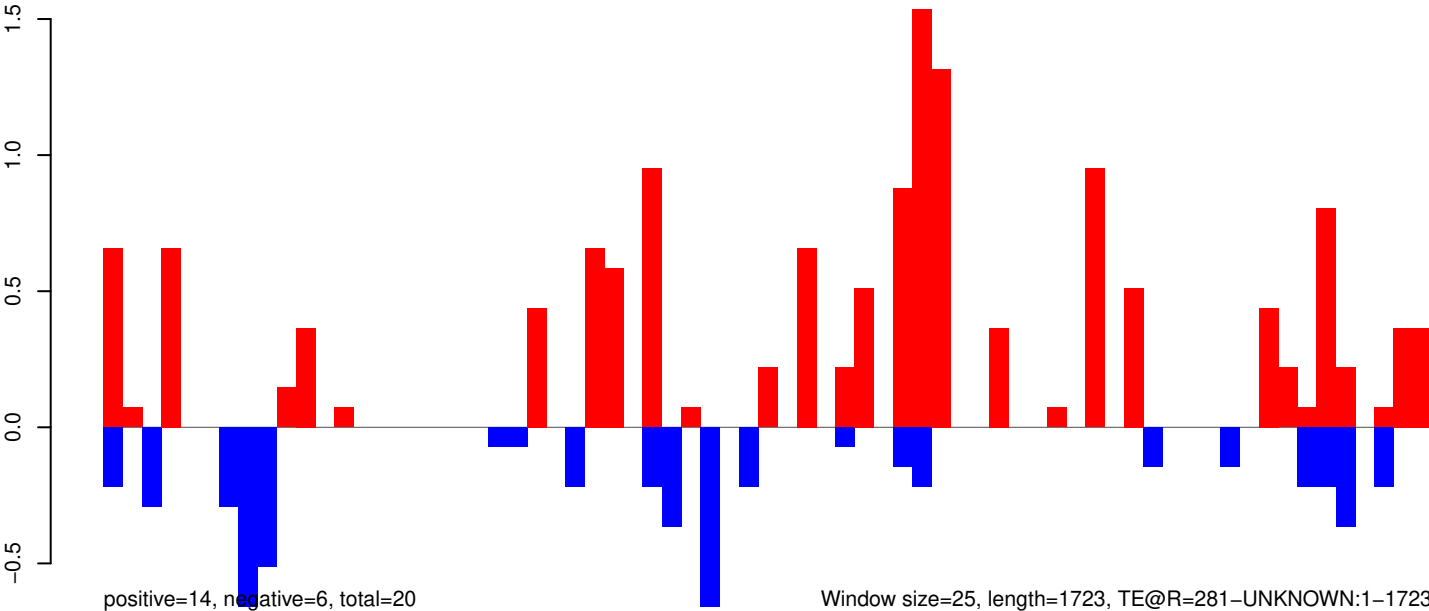
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



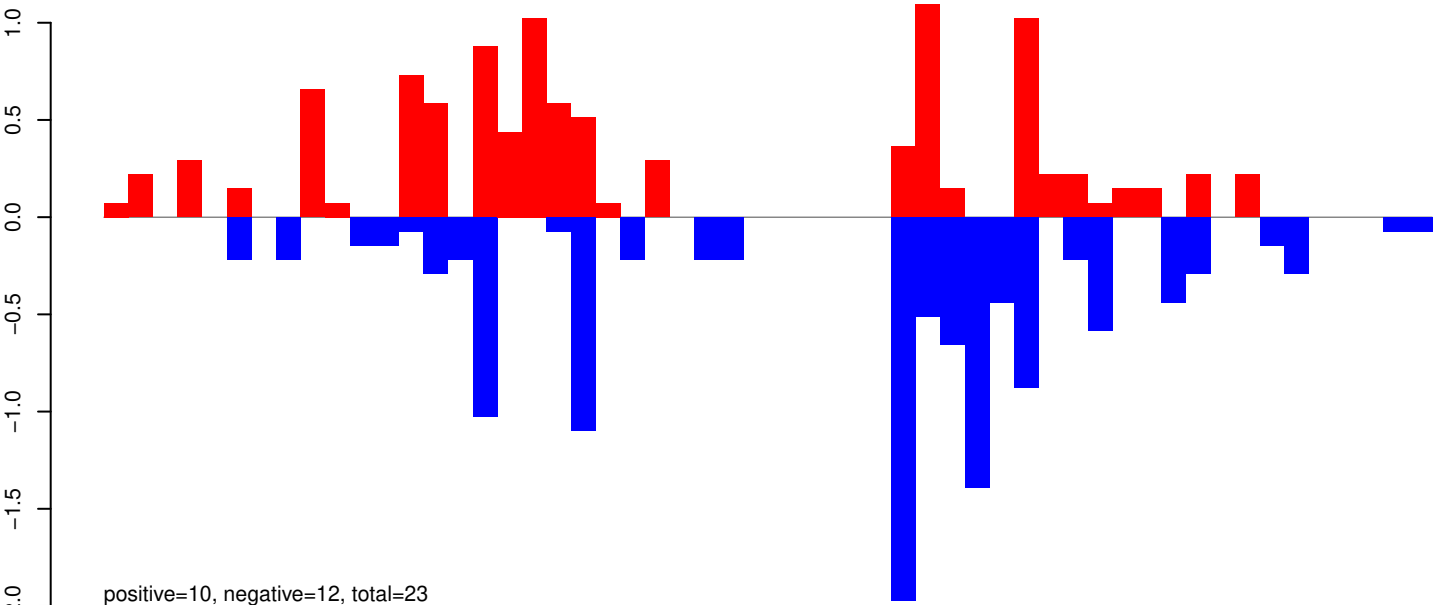
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



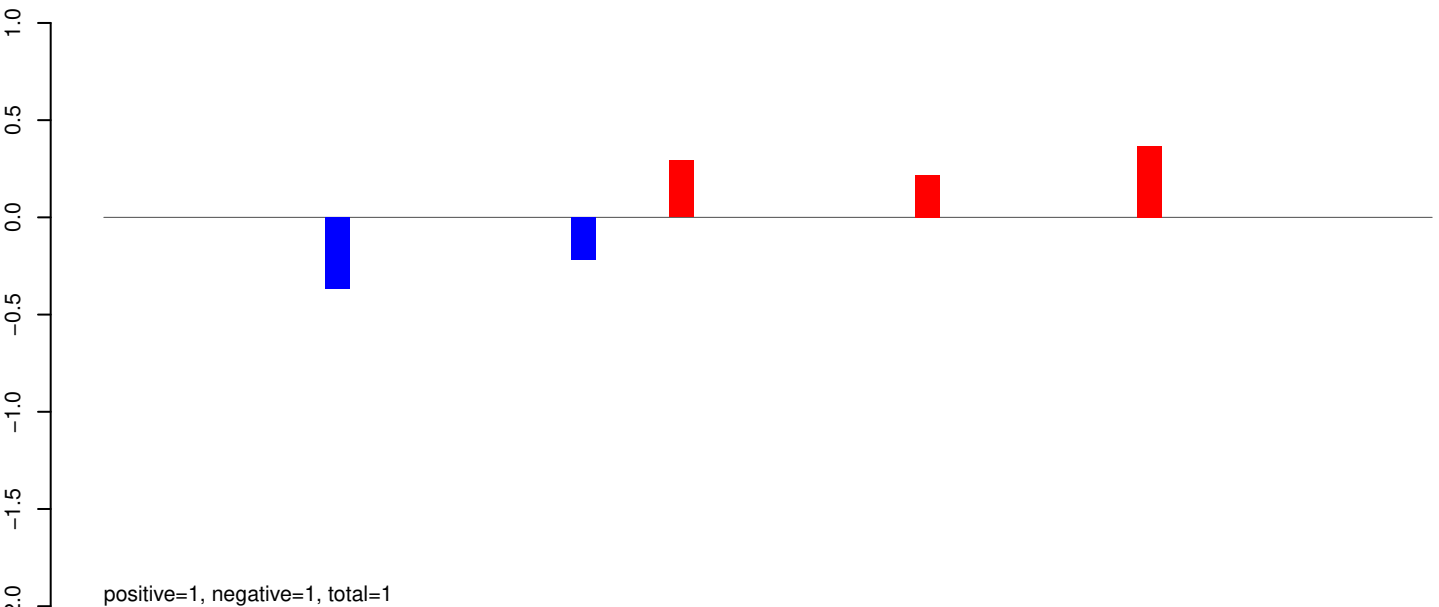
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



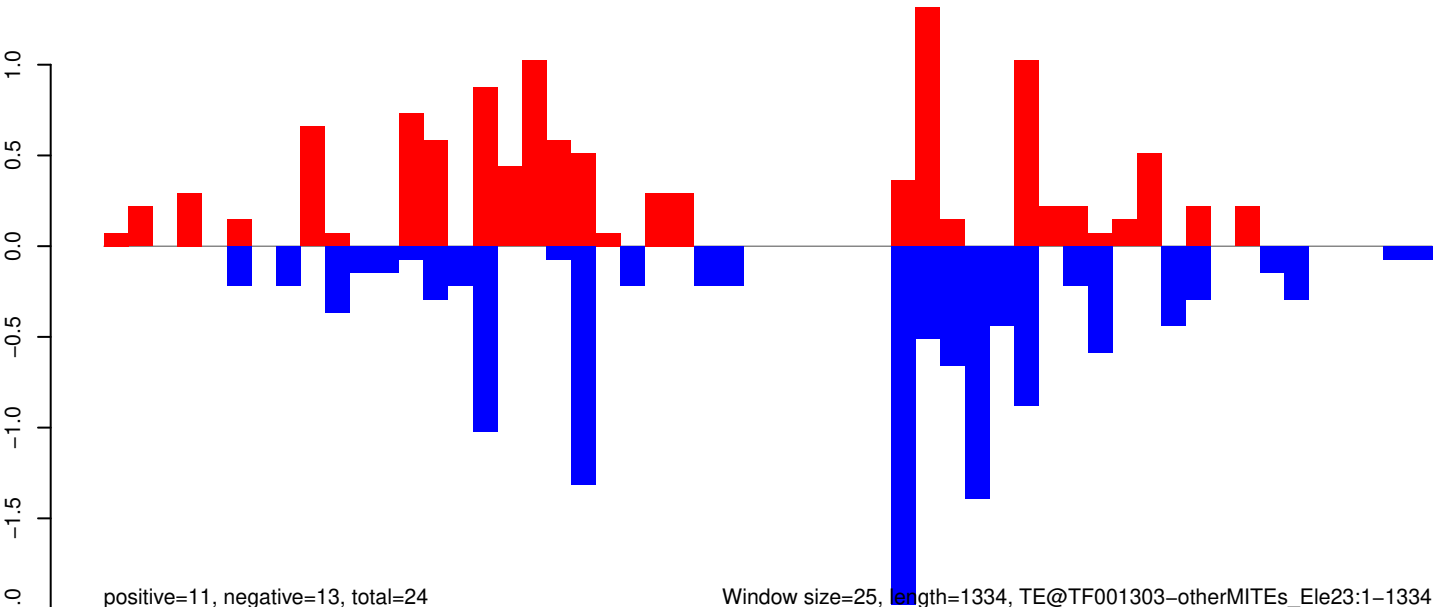
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

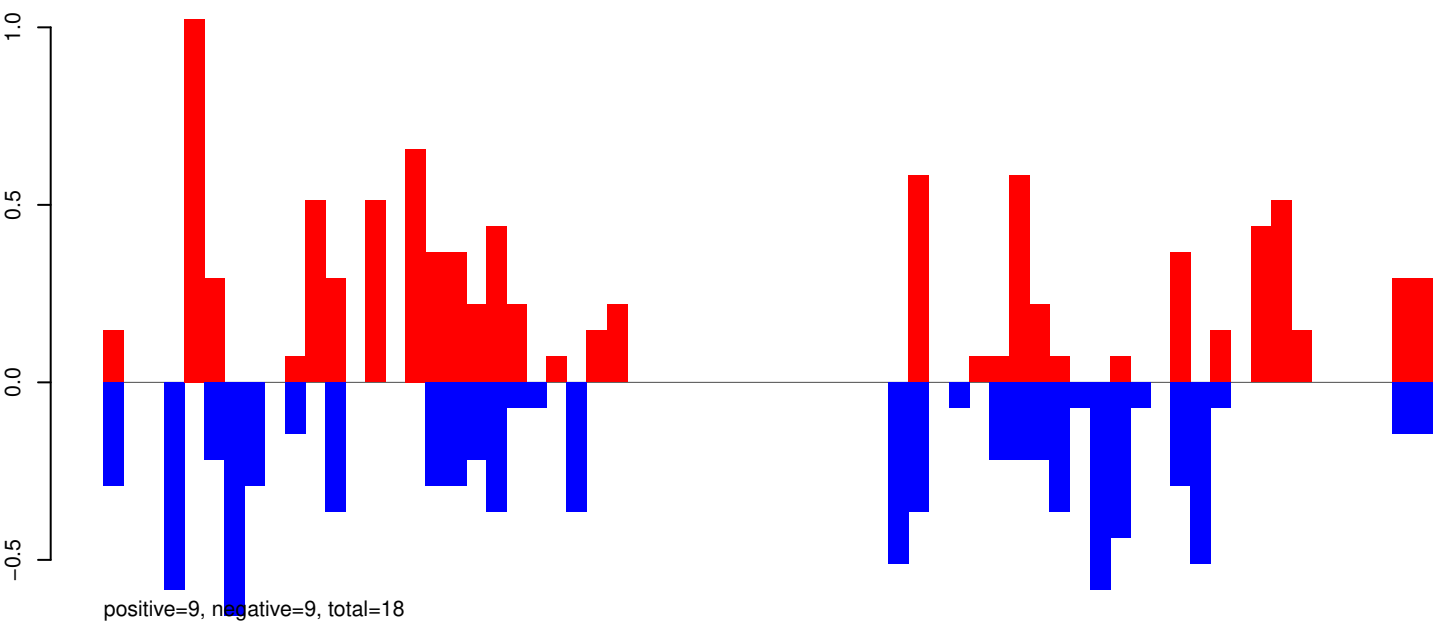


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

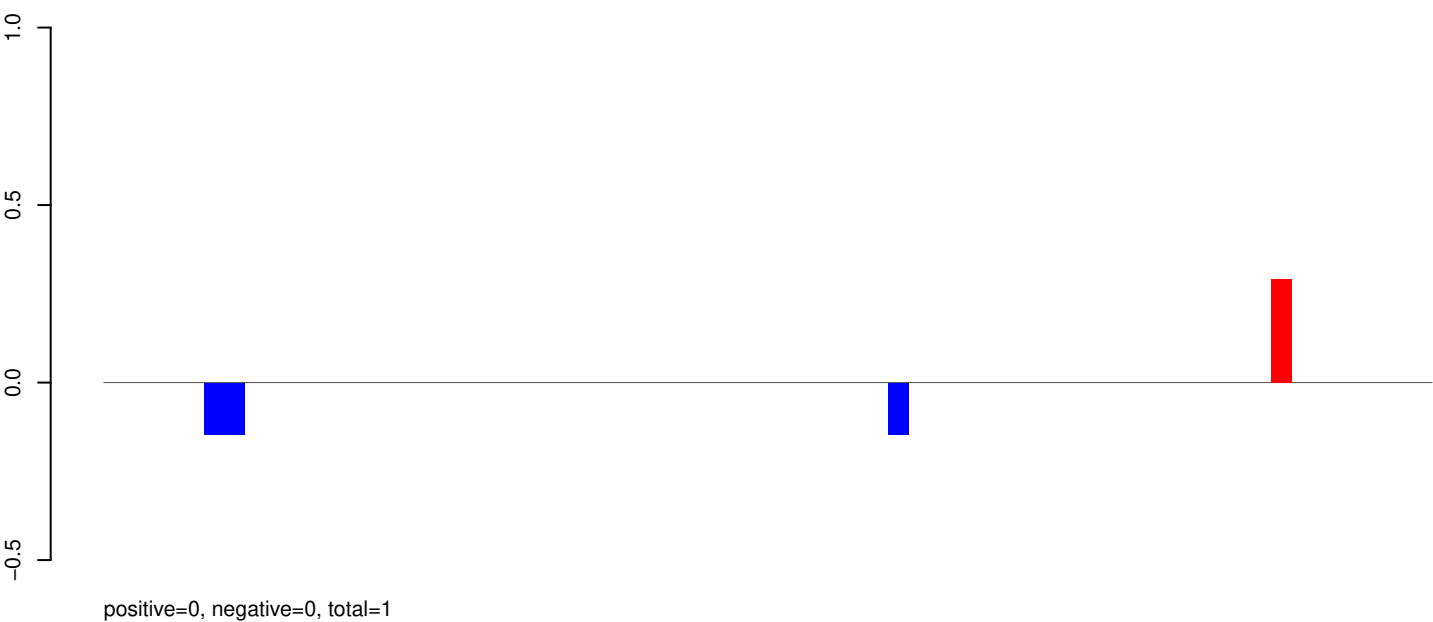


Window size=25, length=1334, TE@TF001303-otherMITEs\_Ele23:1-1334

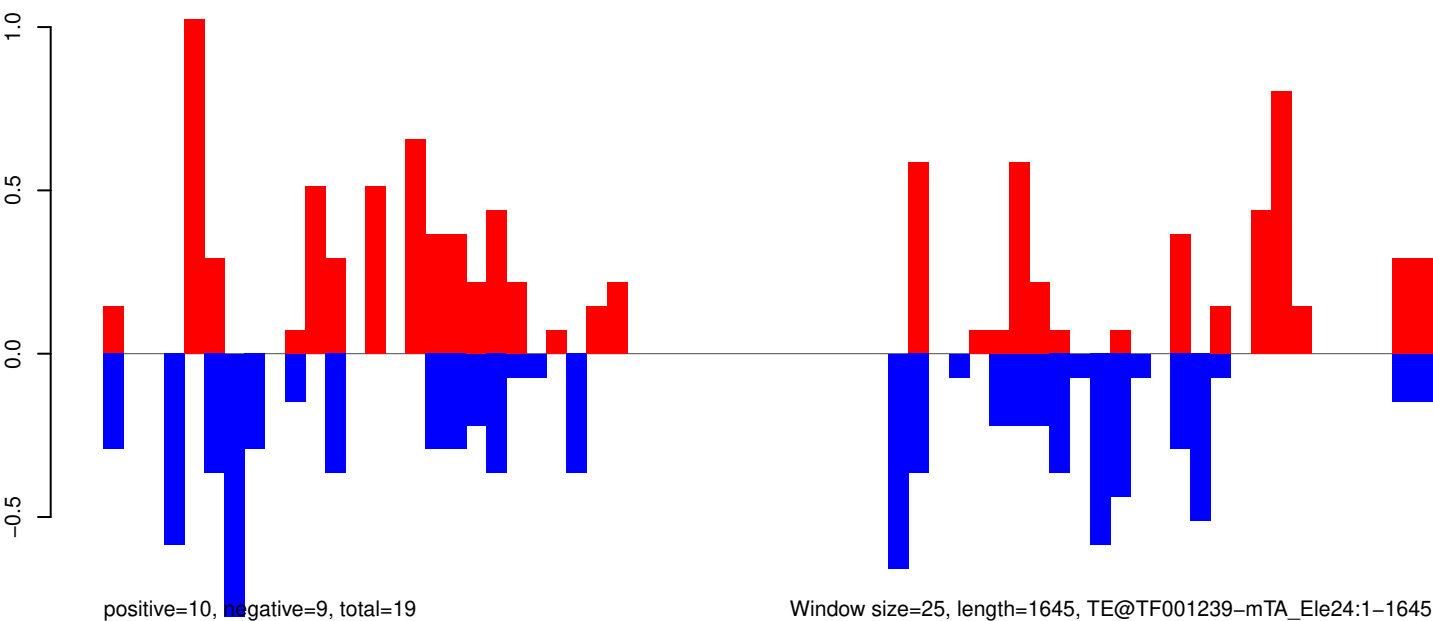
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



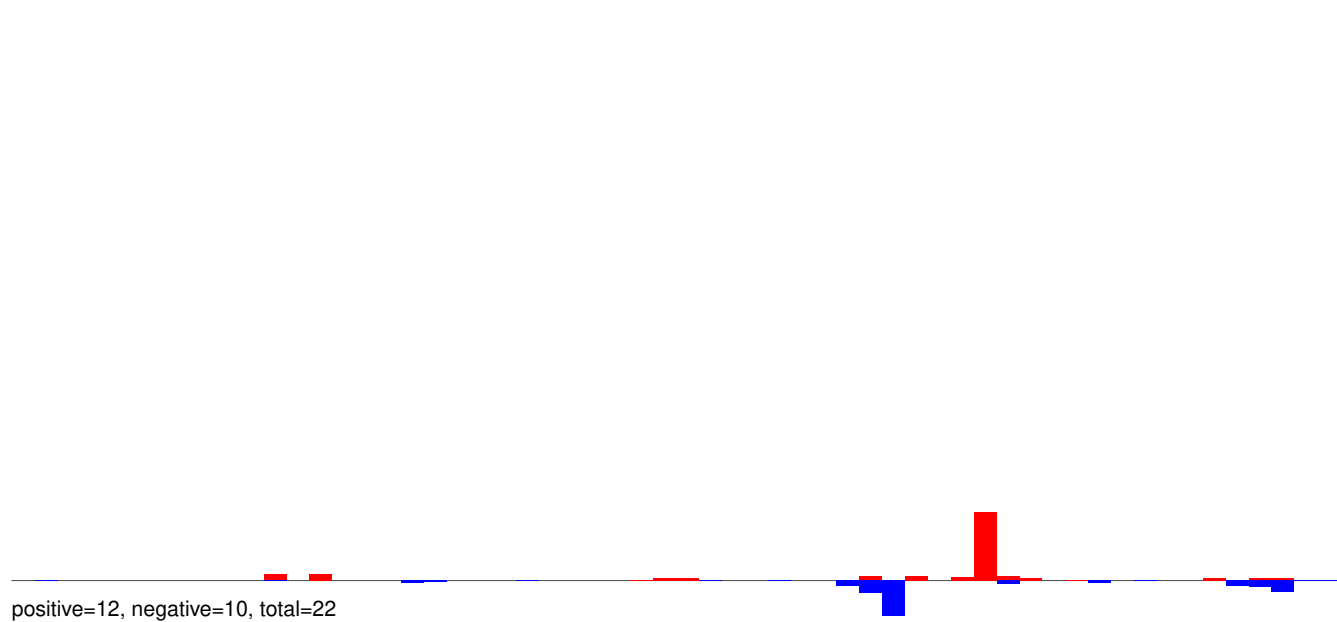
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



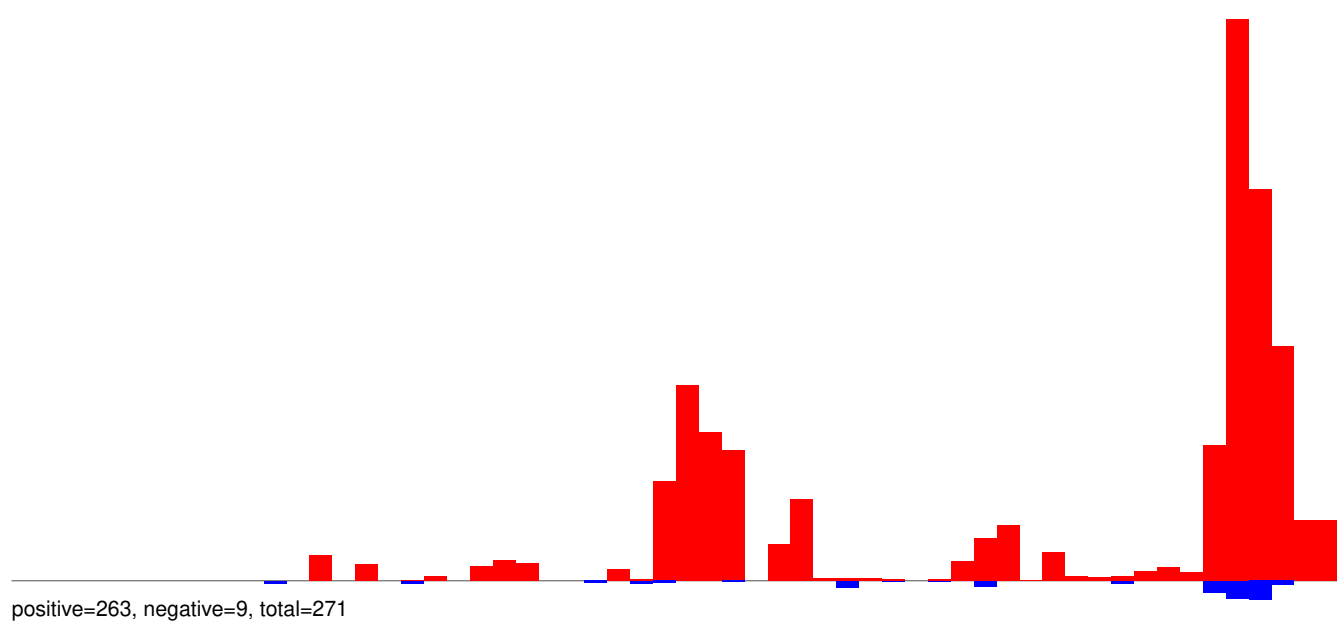
Window size=25, length=1645, TE@TF001239-mTA\_Ele24:1-1645

0 500 1000 1500

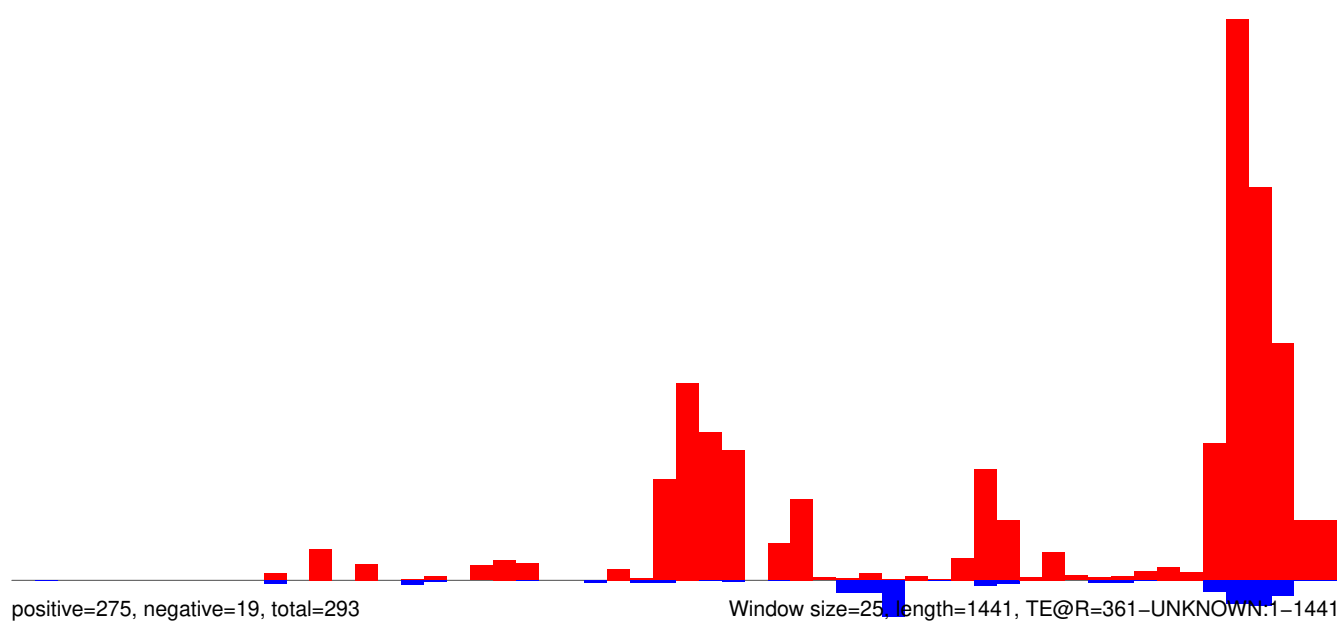
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

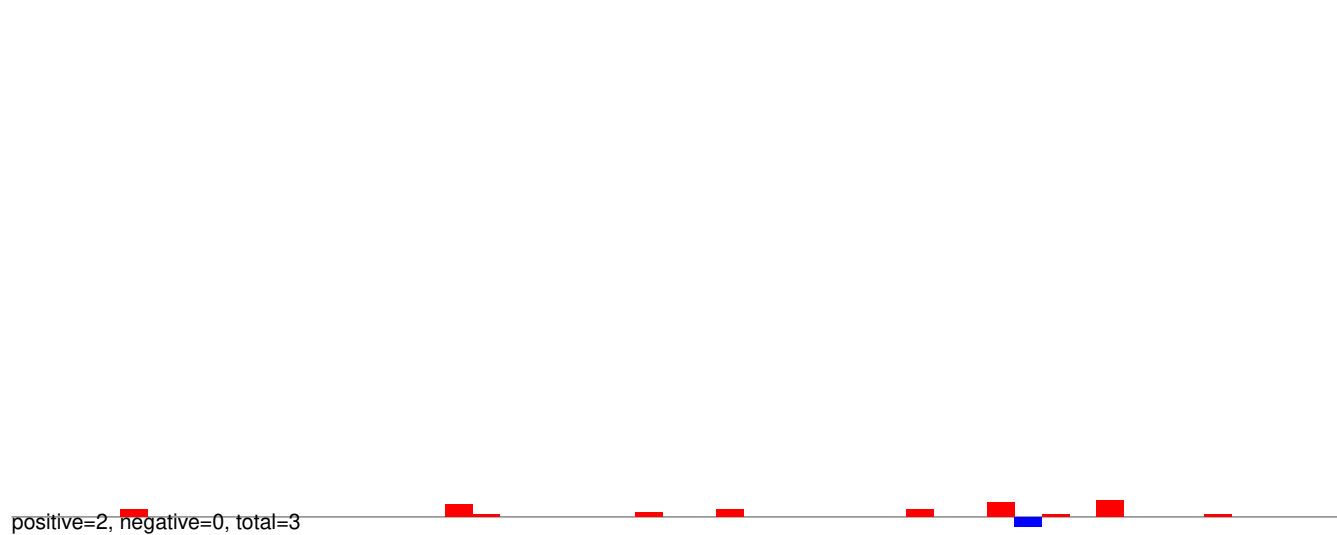


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

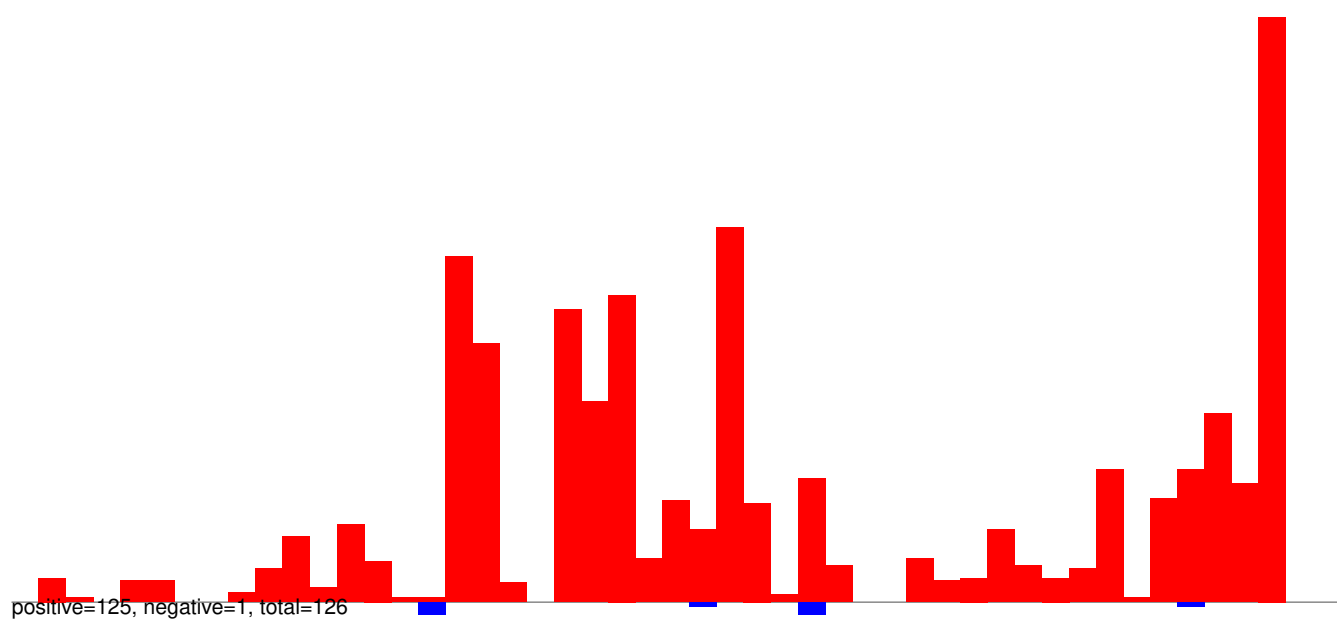


0 500 1000 1500

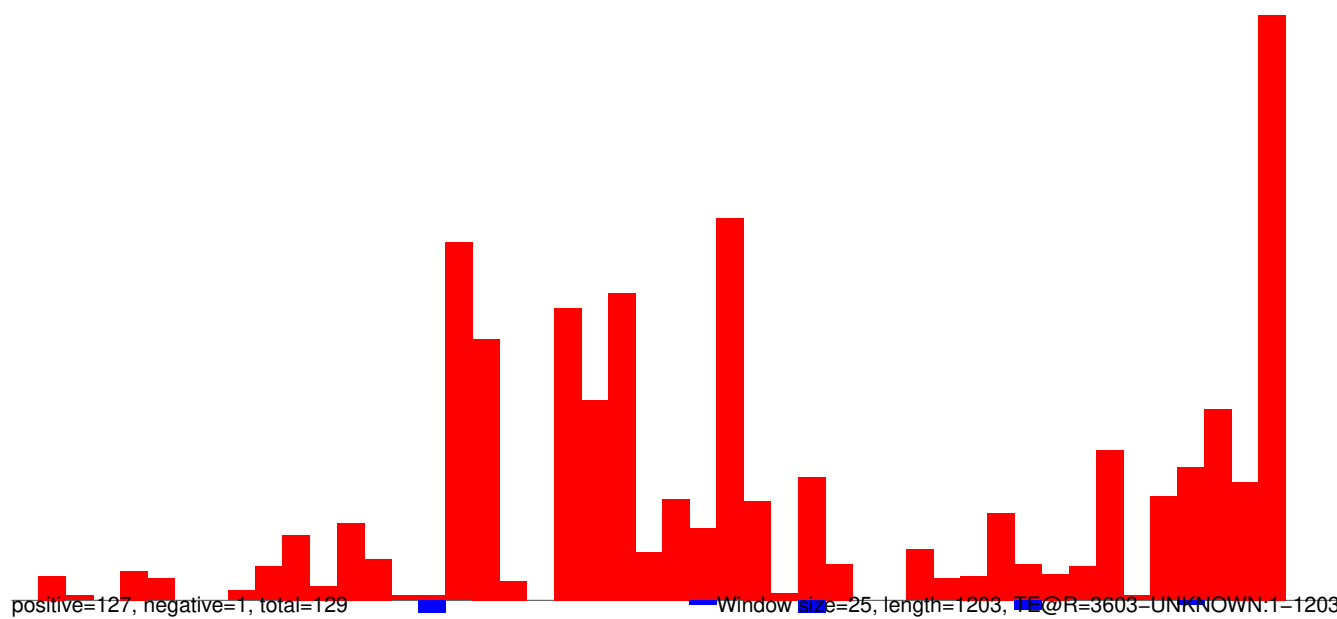
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



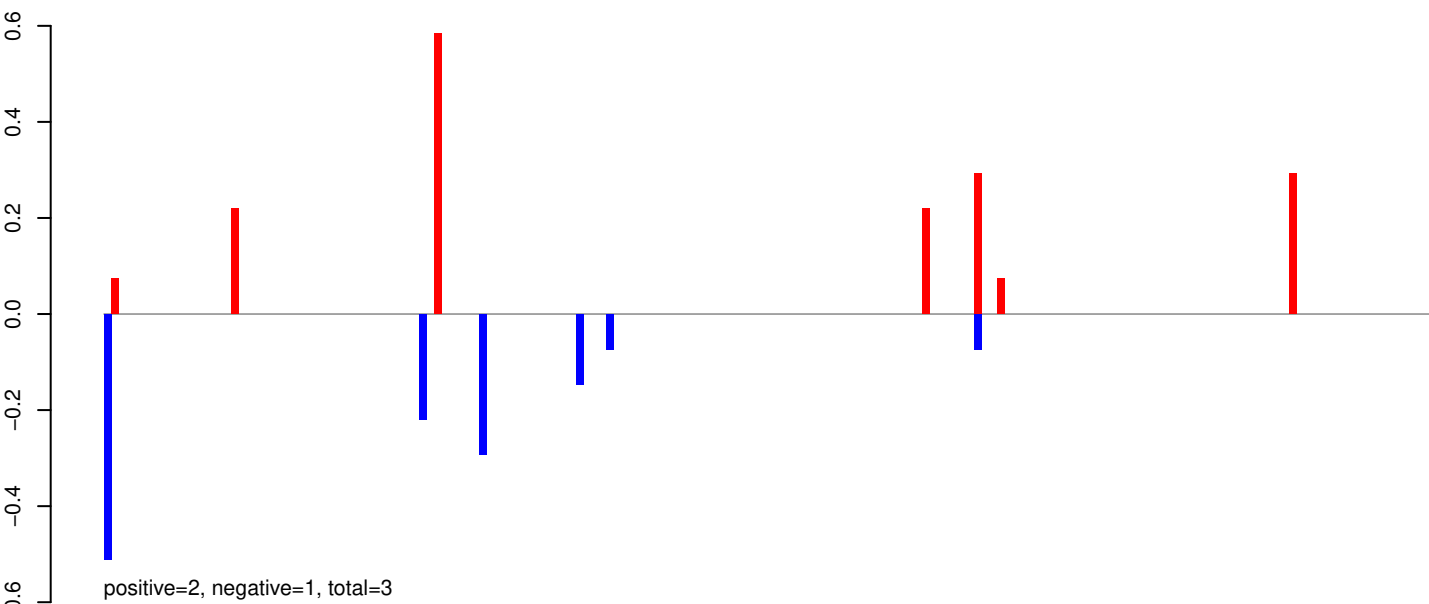
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



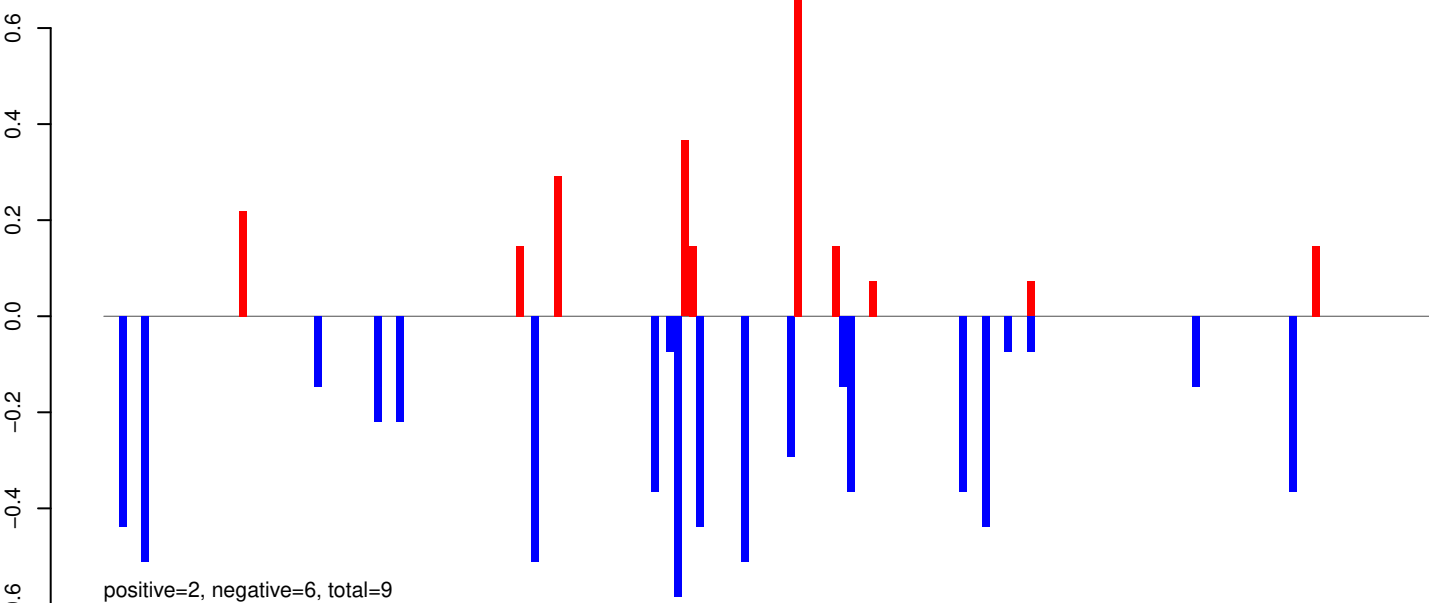
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



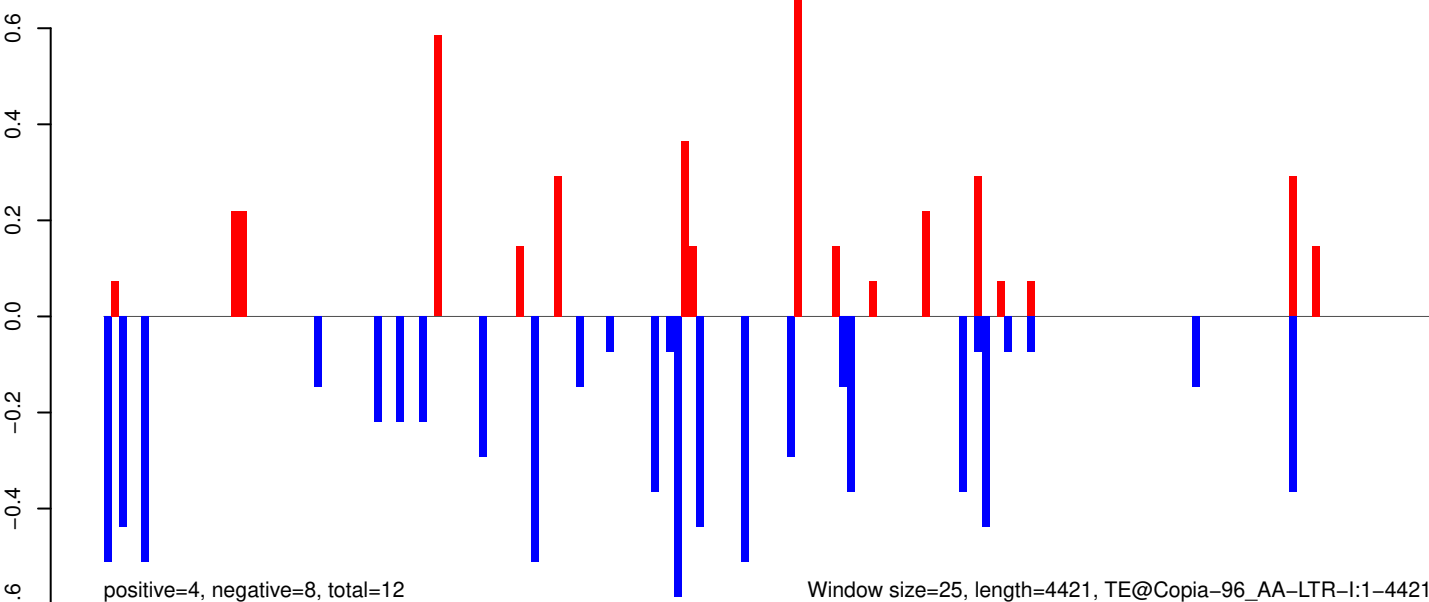
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



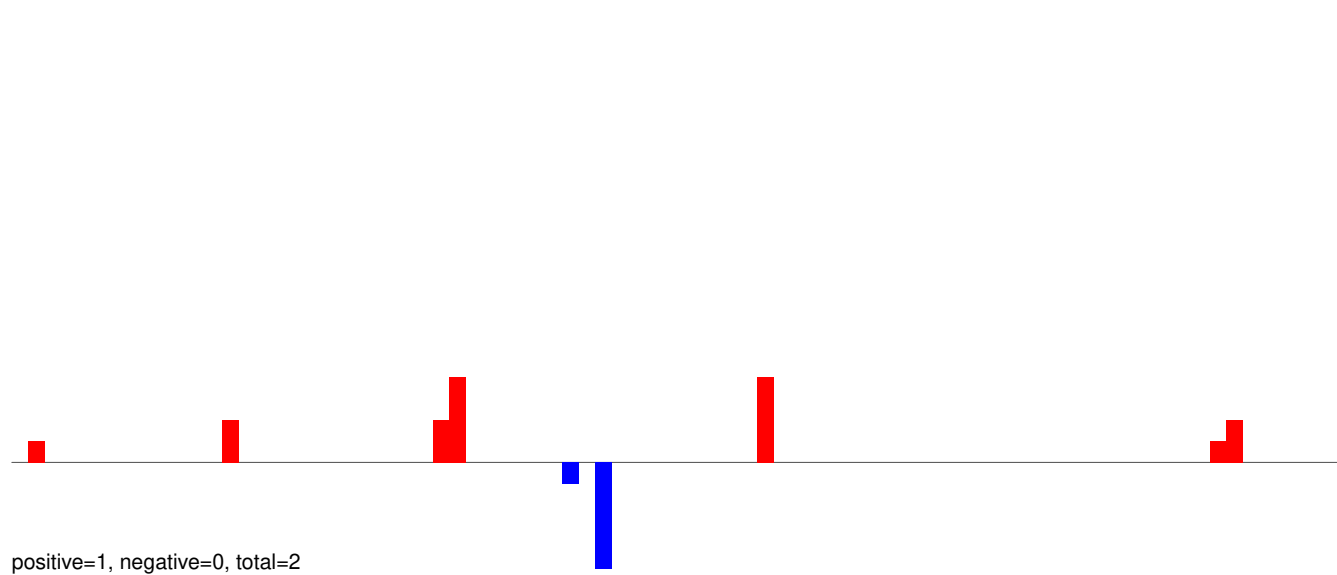
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



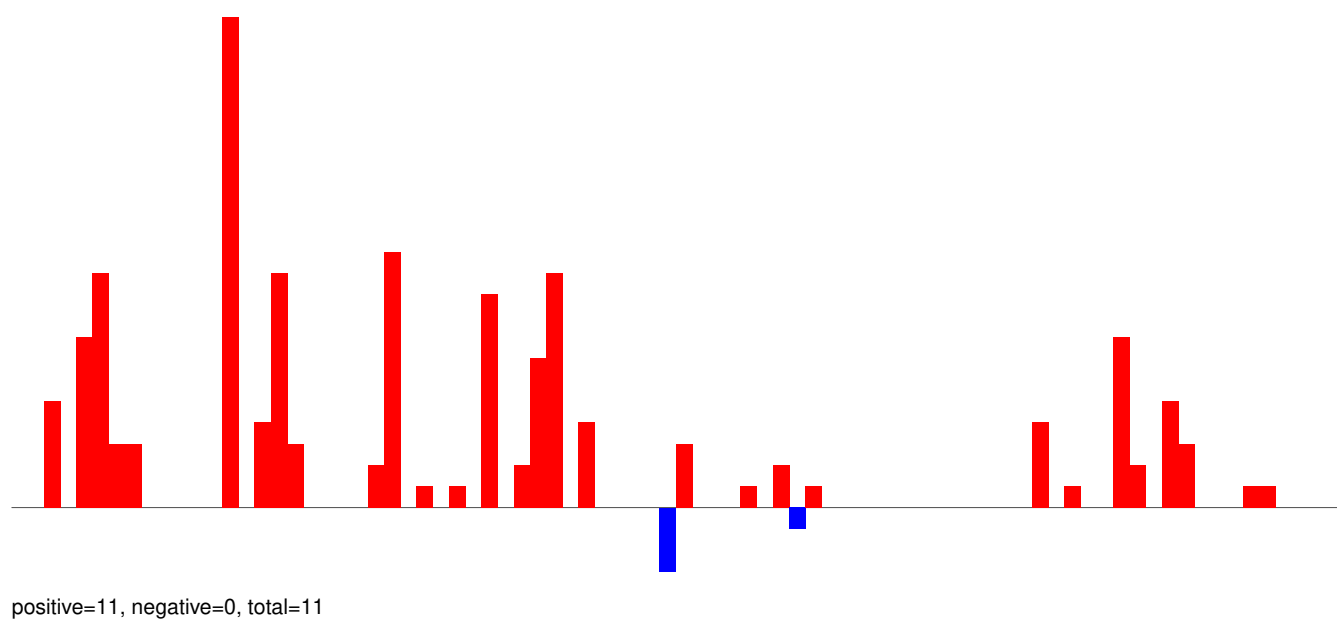
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



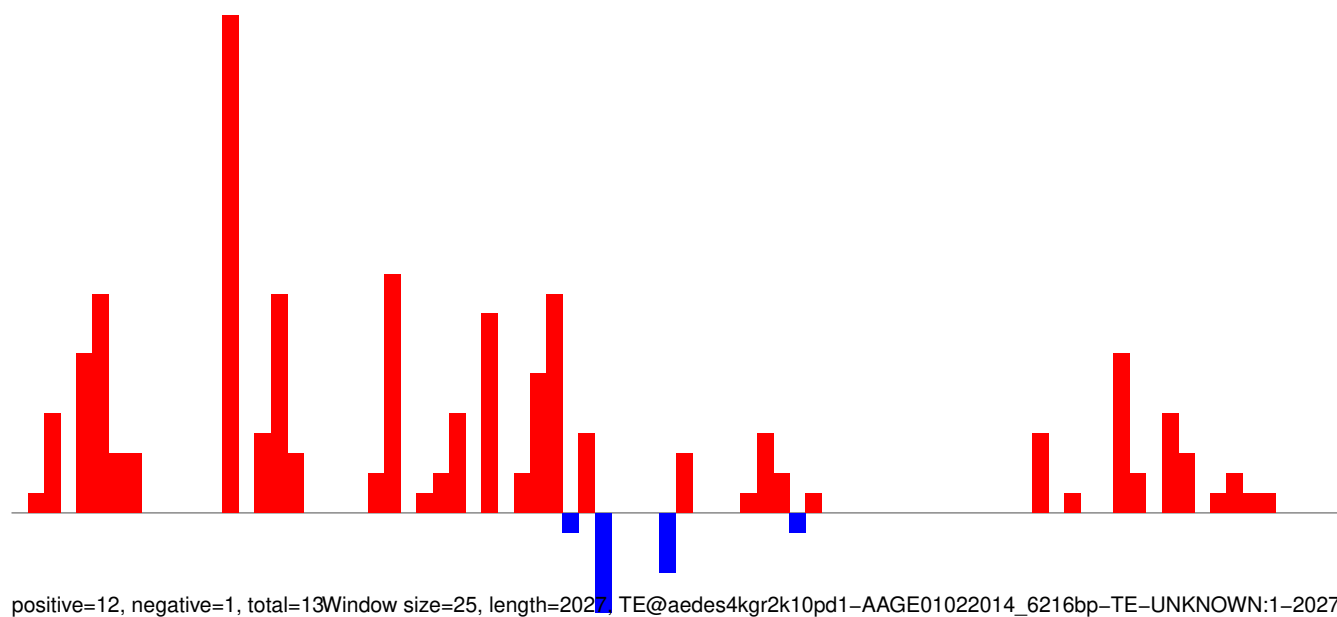
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=2027, TE@aedes4kgr2k10pd1-AAGE01022014\_6216bp-TE-UNKNOWN:1-2027



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



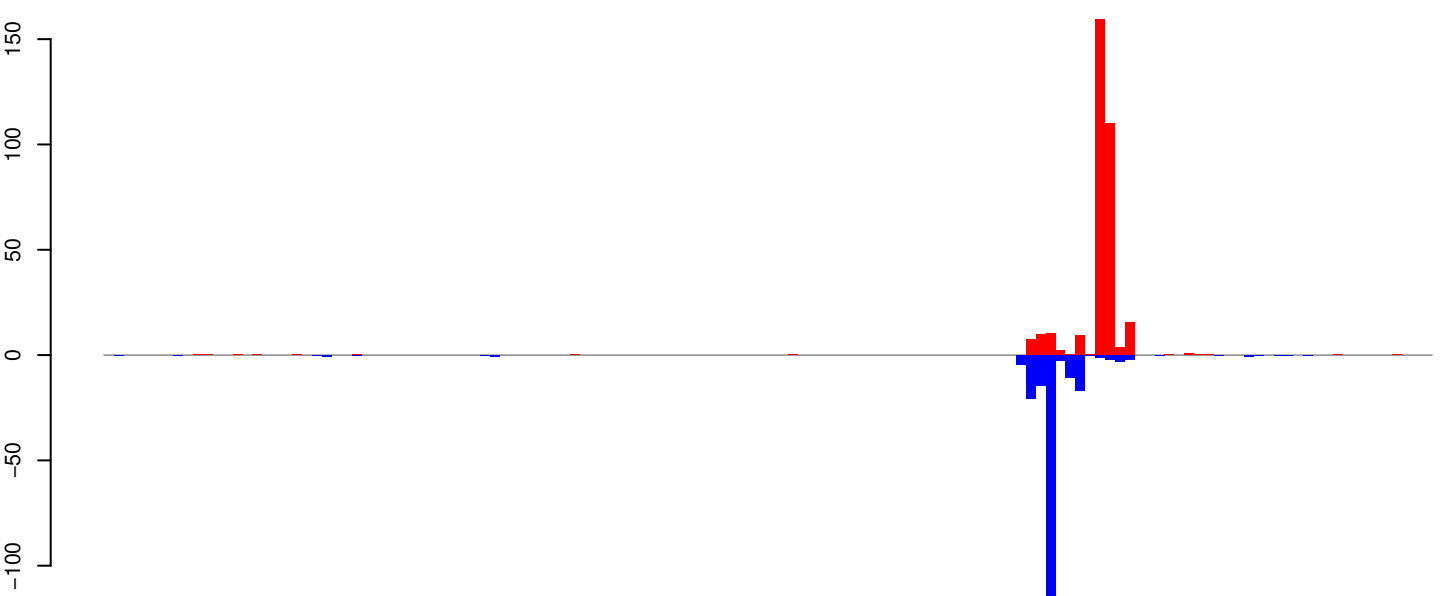
positive=32, negative=17, total=49

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=300, negative=191, total=490

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

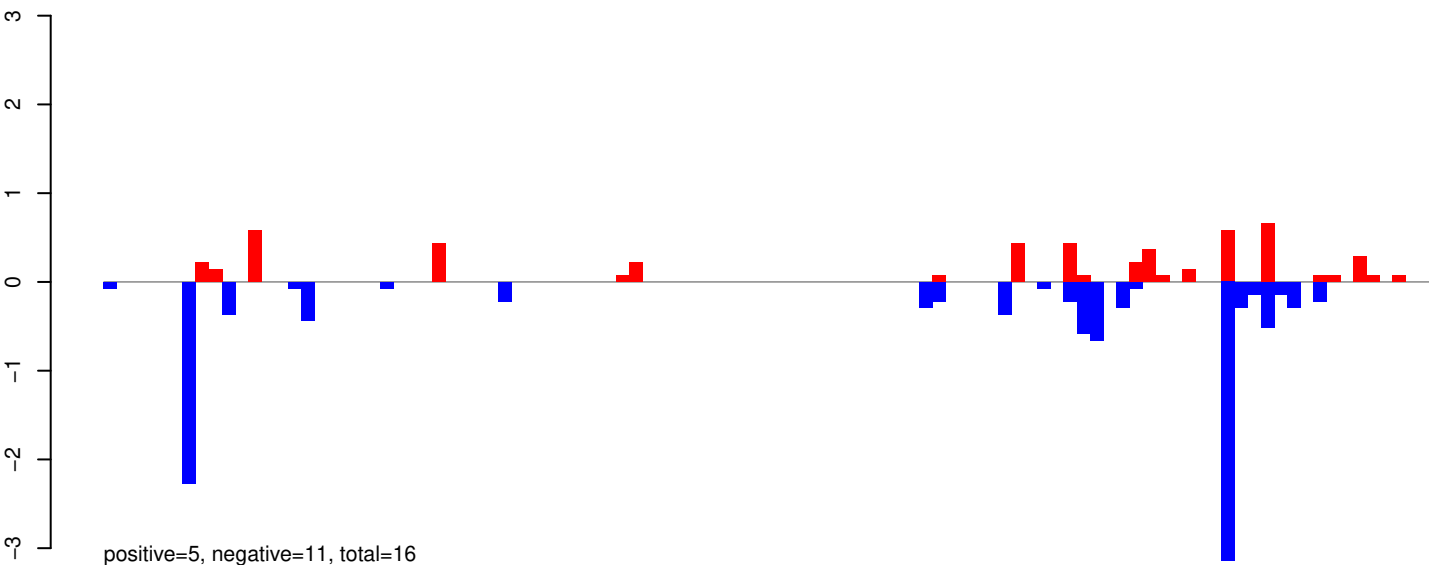


positive=332, negative=208, total=540

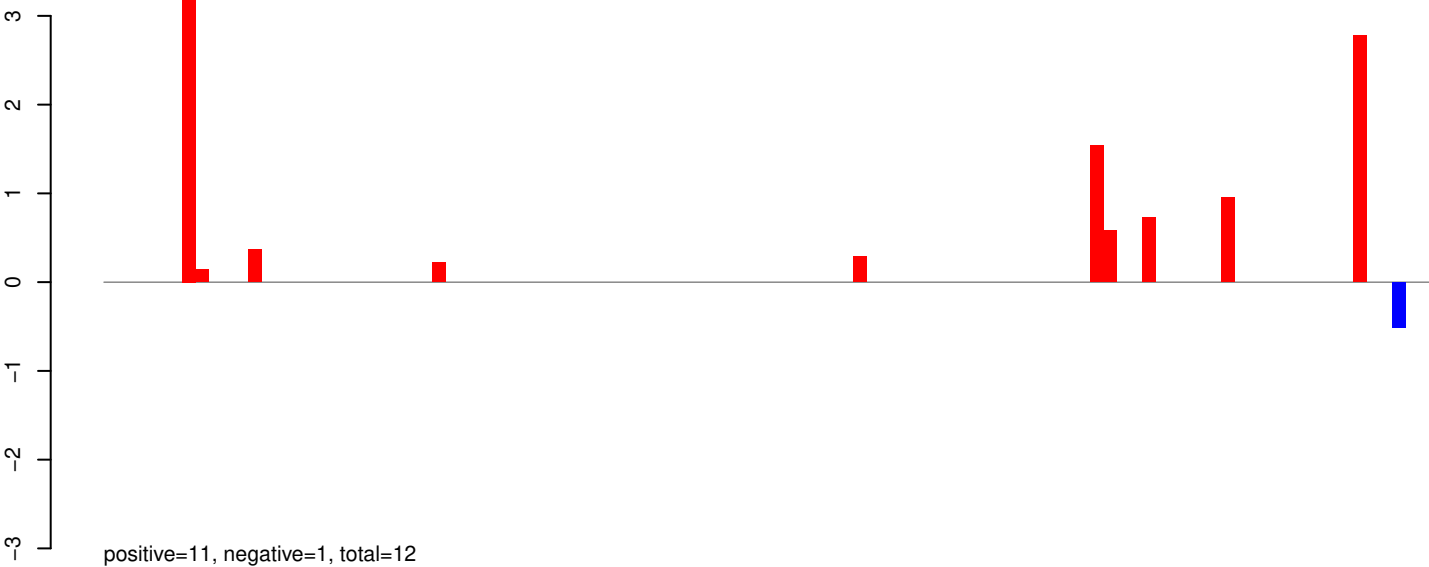
Window size=25, length=3337, TE@Sola3-1N1\_AA:1-3337

0 500 1000 1500 2000 2500 3000 3500

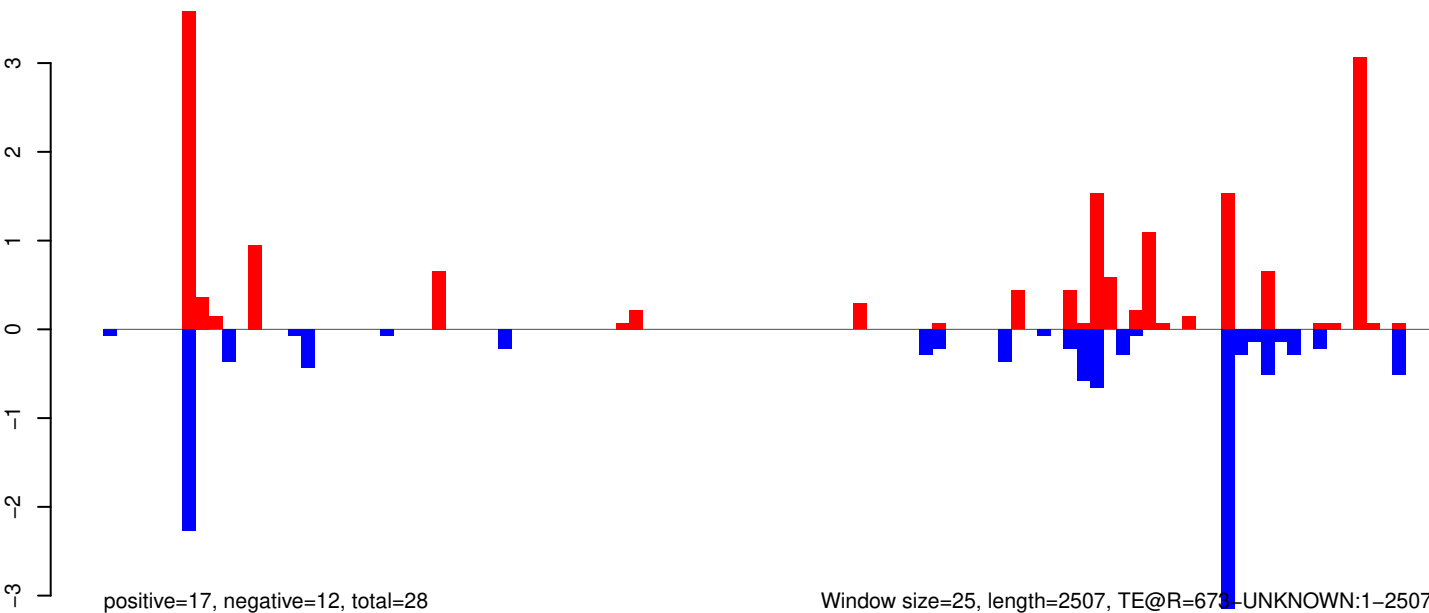
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



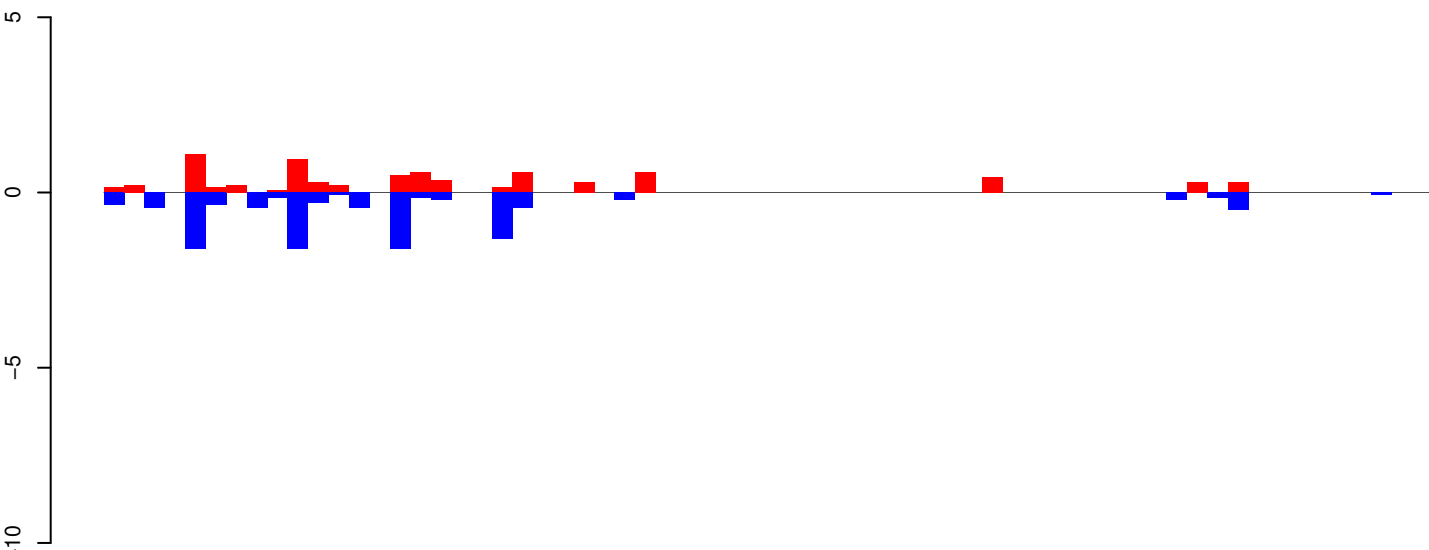
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

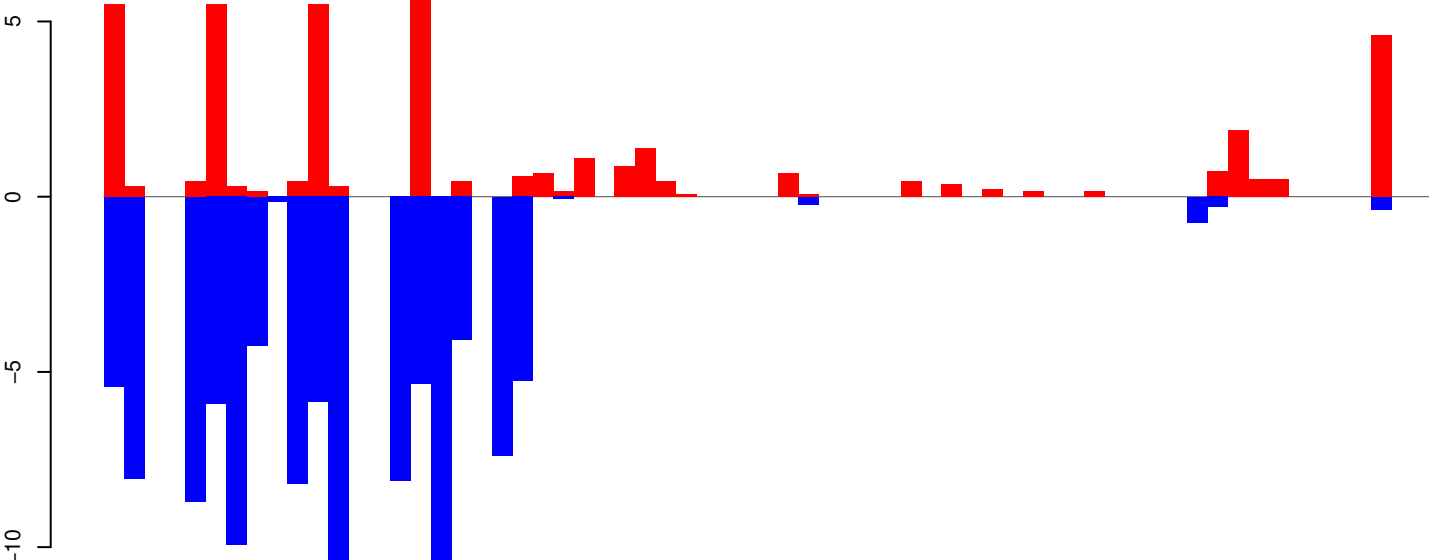


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



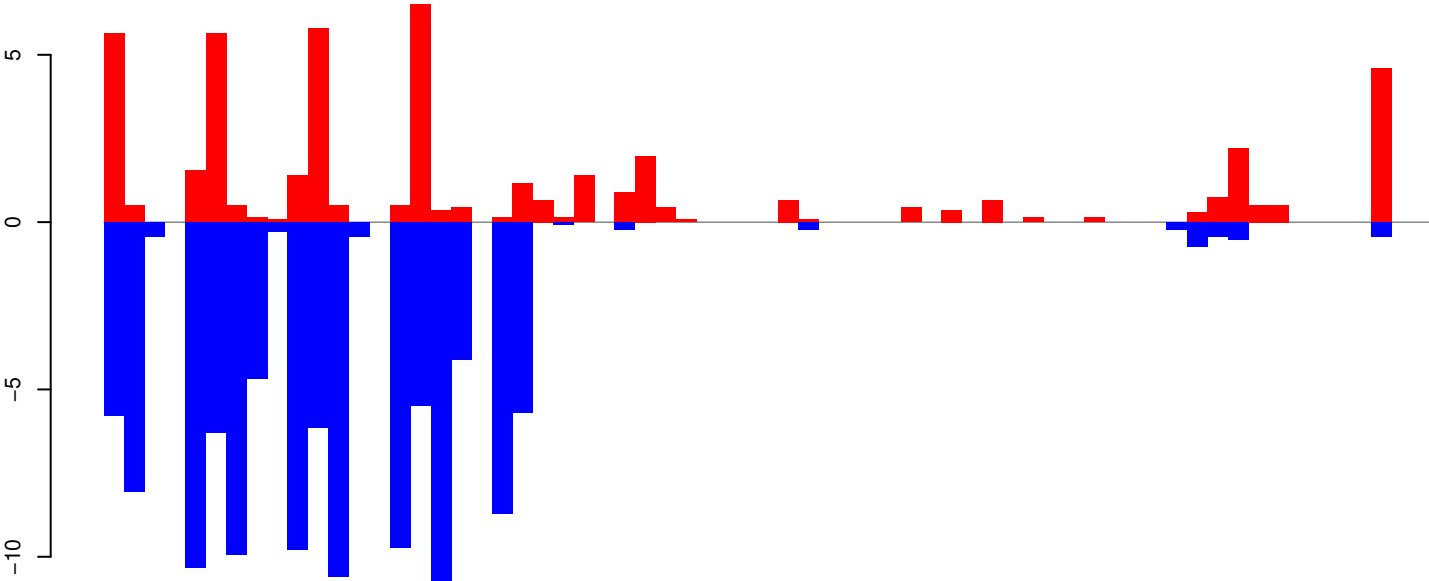
positive=7, negative=11, total=18

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=40, negative=110, total=150

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

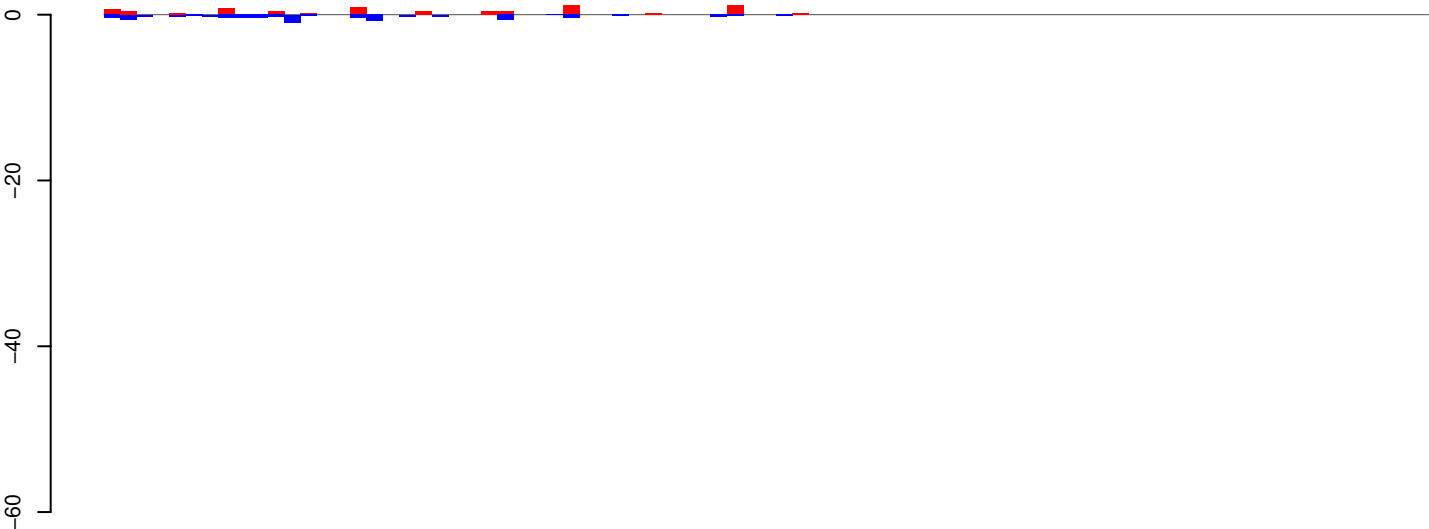


positive=48, negative=121, total=169

Window size=25, length=1613, TE@R=141-UNKNOWN:1-1613

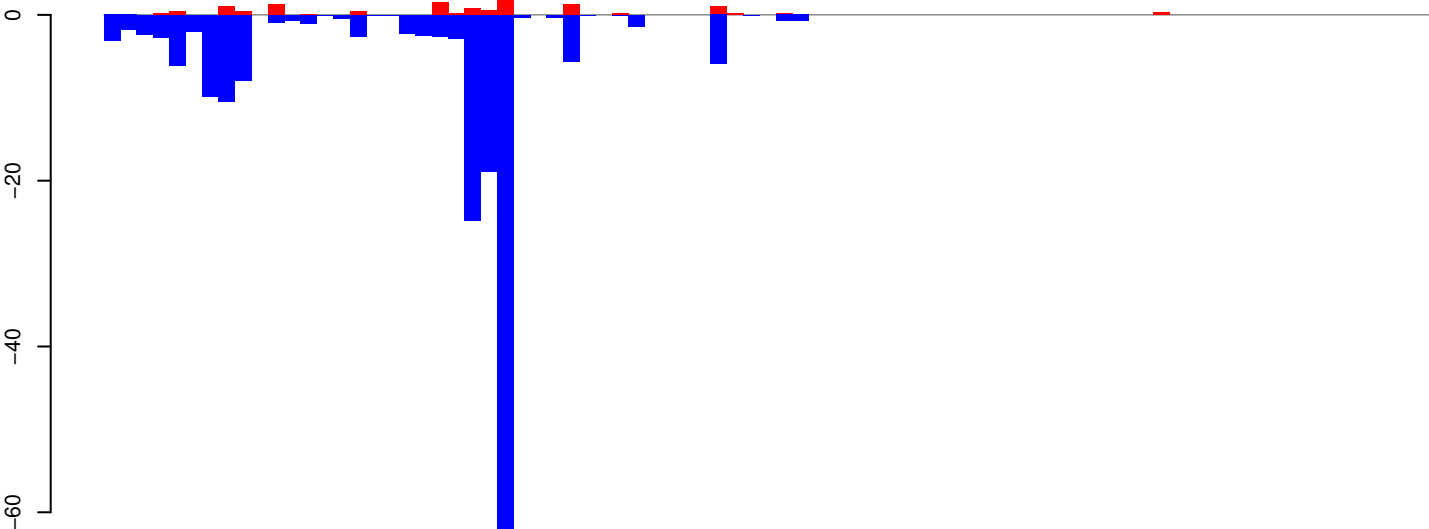
0 500 1000 1500

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



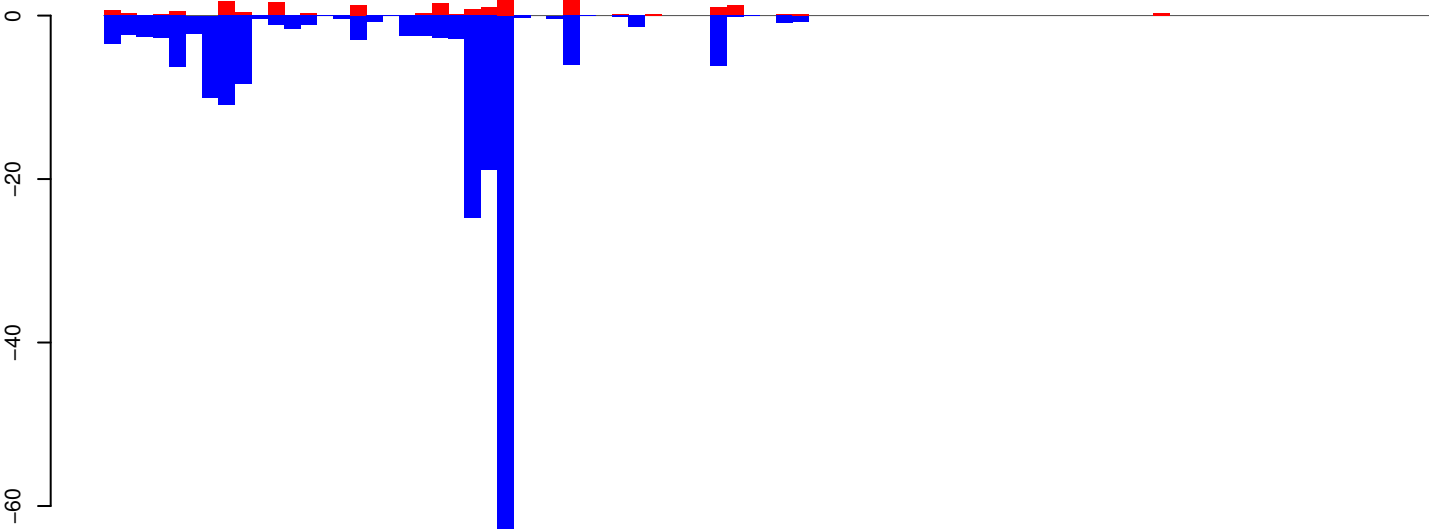
positive=7, negative=8, total=15

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



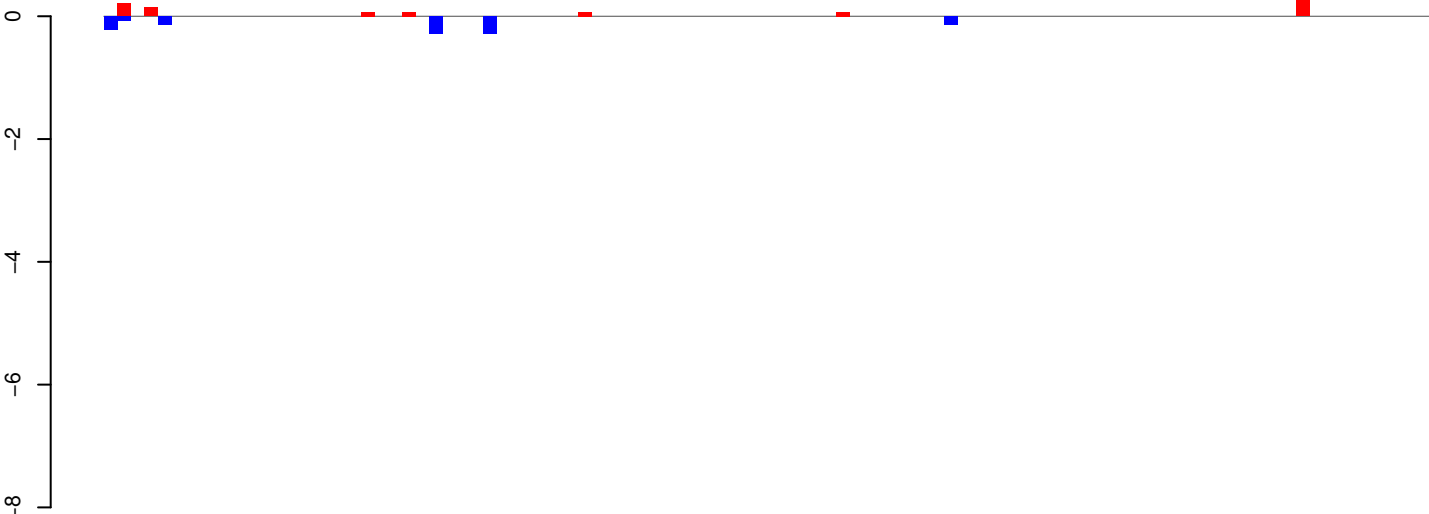
positive=14, negative=189, total=203

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



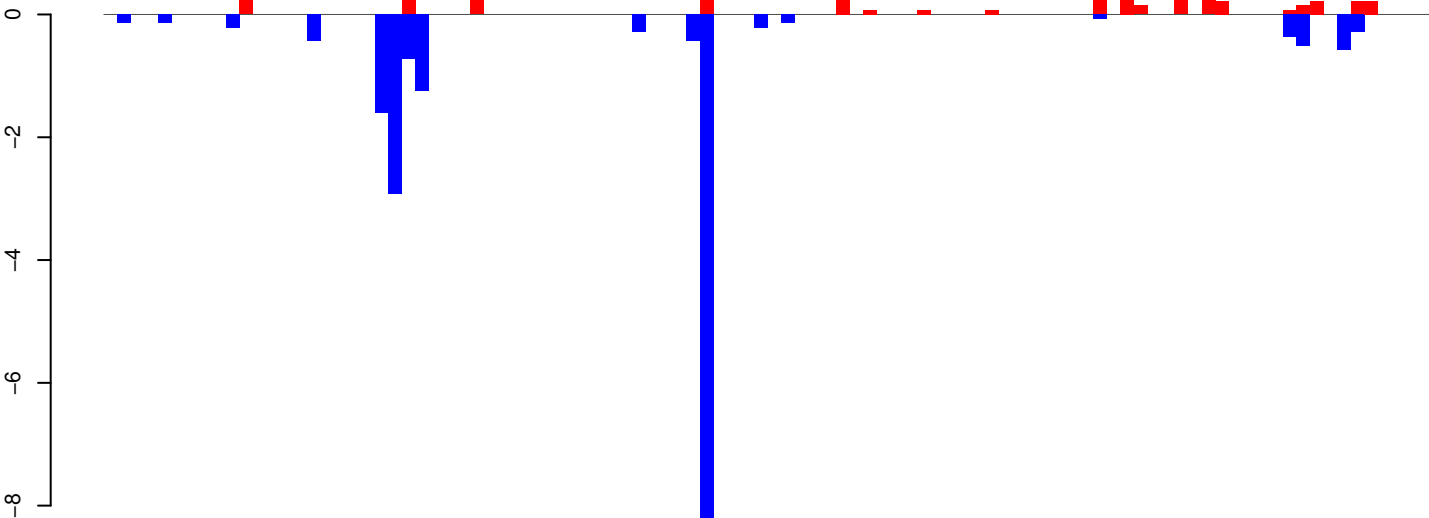
positive=22, negative=197, total=219, window size=25, length=2018, TE@aedes4kgr2k10pd1-AAGE01014110\_7666bp-TE-UNKNOWN:1-2018

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



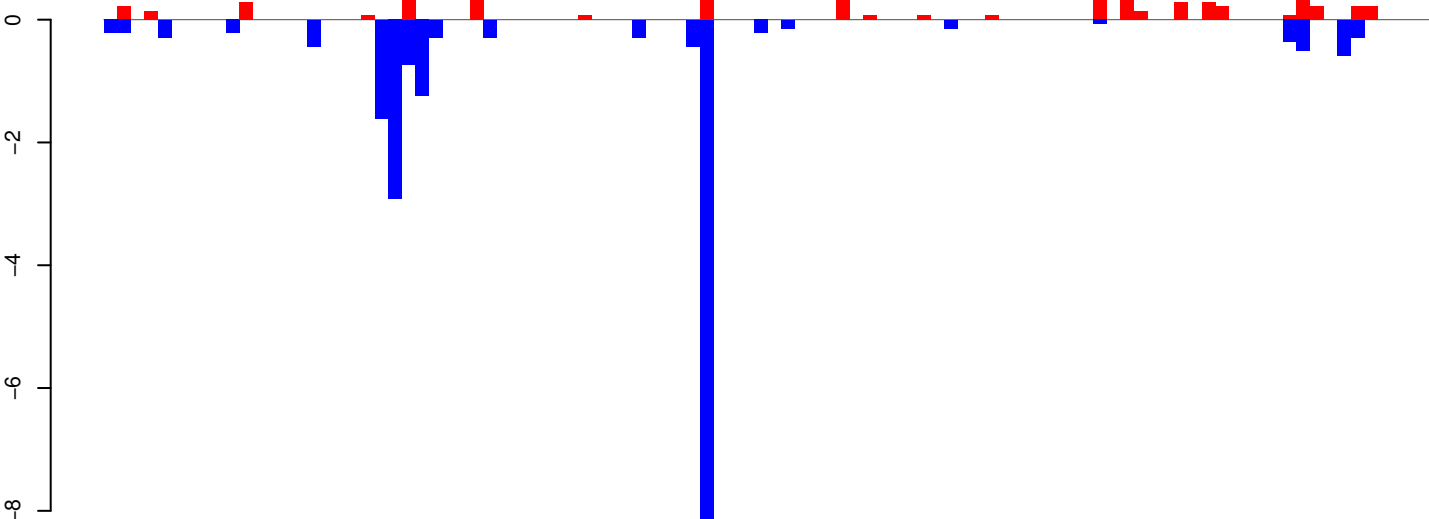
positive=1, negative=1, total=2

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



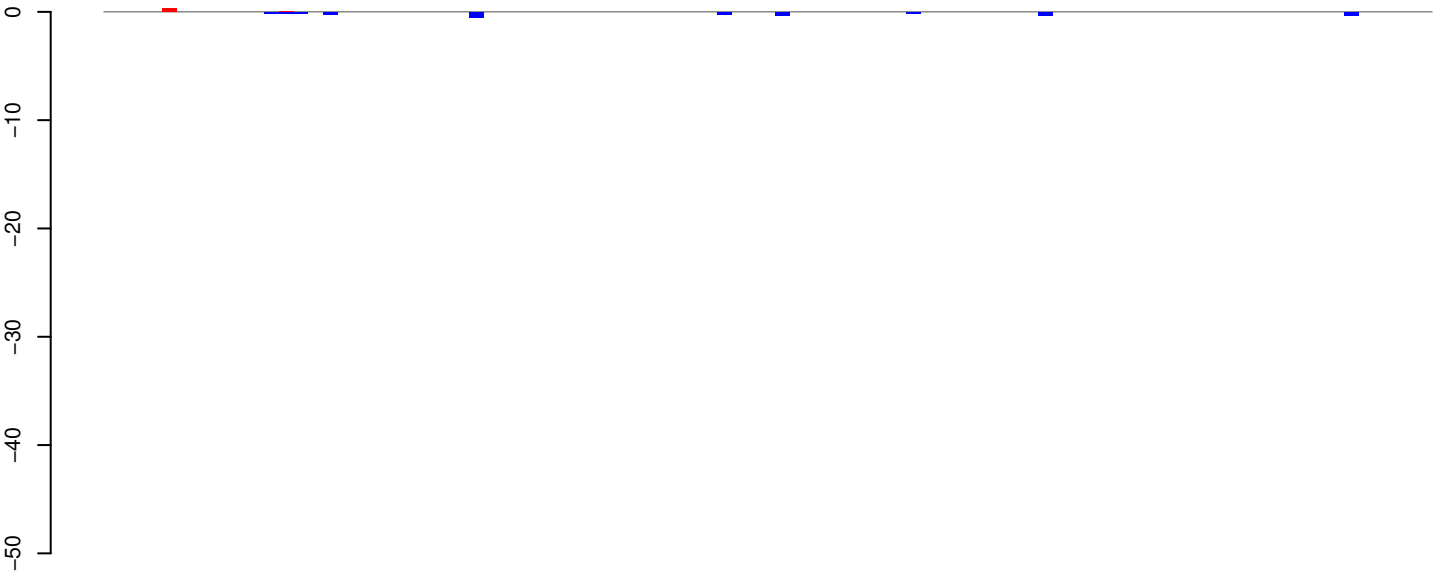
positive=6, negative=19, total=25

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



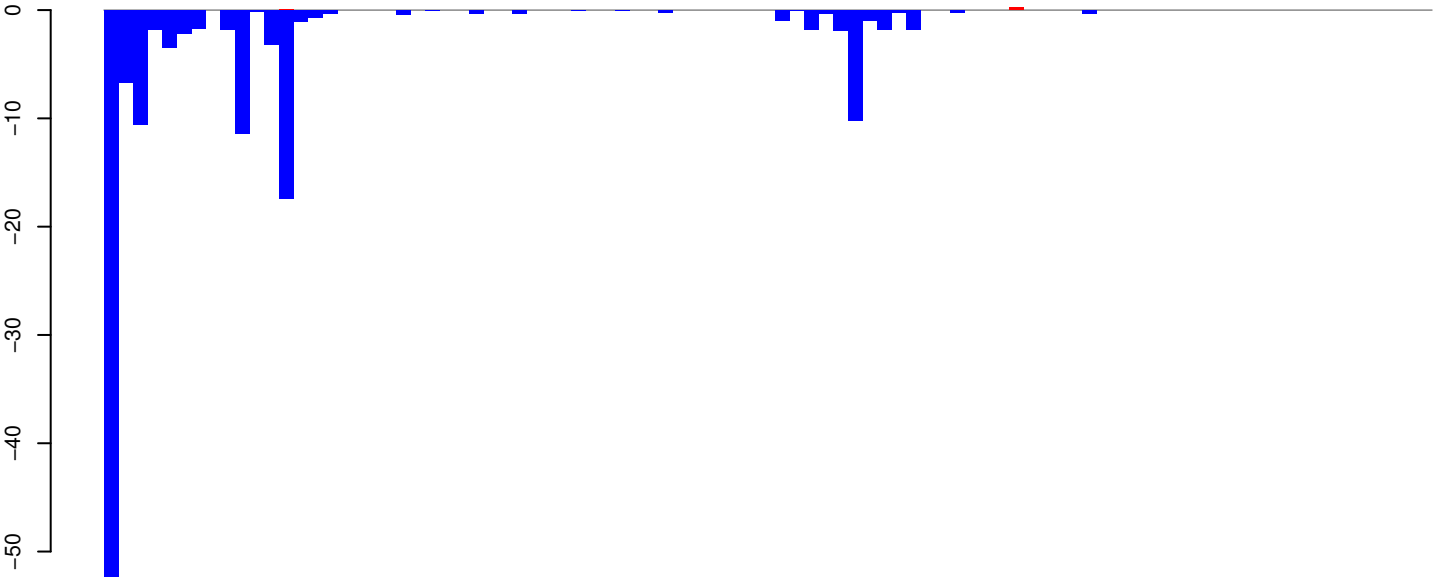
positive=7, negative=20, total=27 Window size=25, length=2435, TE@aedes4kgr2k10pd1-AAGE01000016\_34197bp-TE-UNKNOWN:1-2435

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



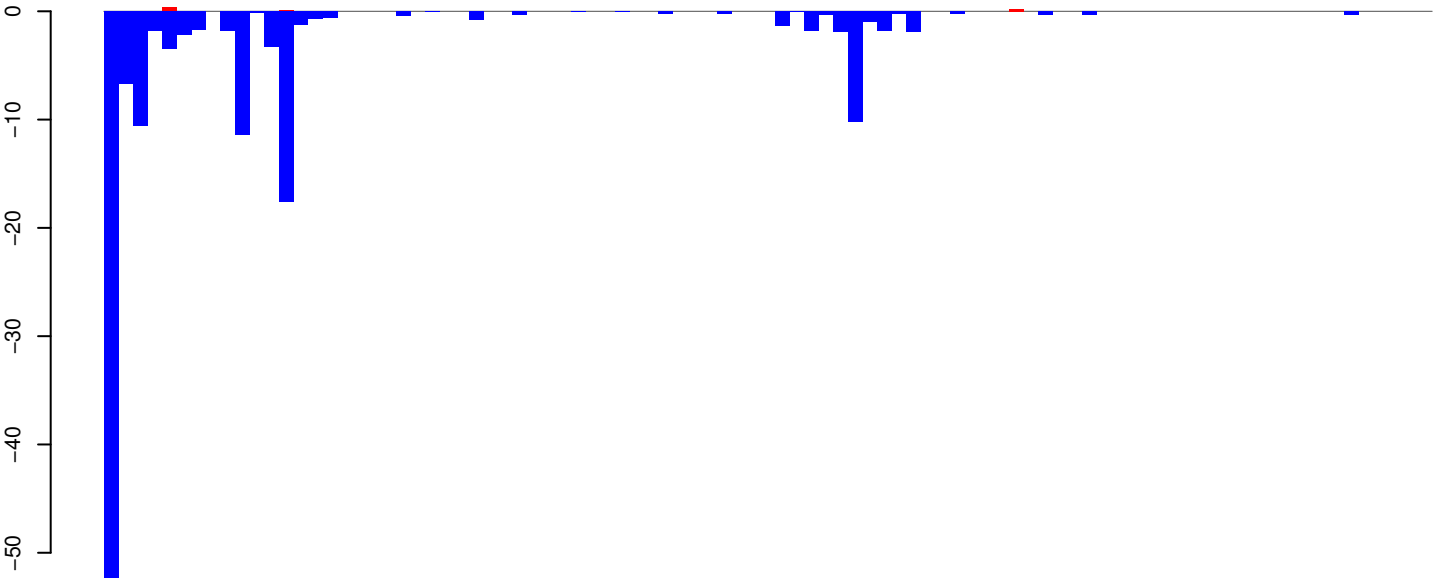
positive=0, negative=3, total=3

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=139, total=140

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

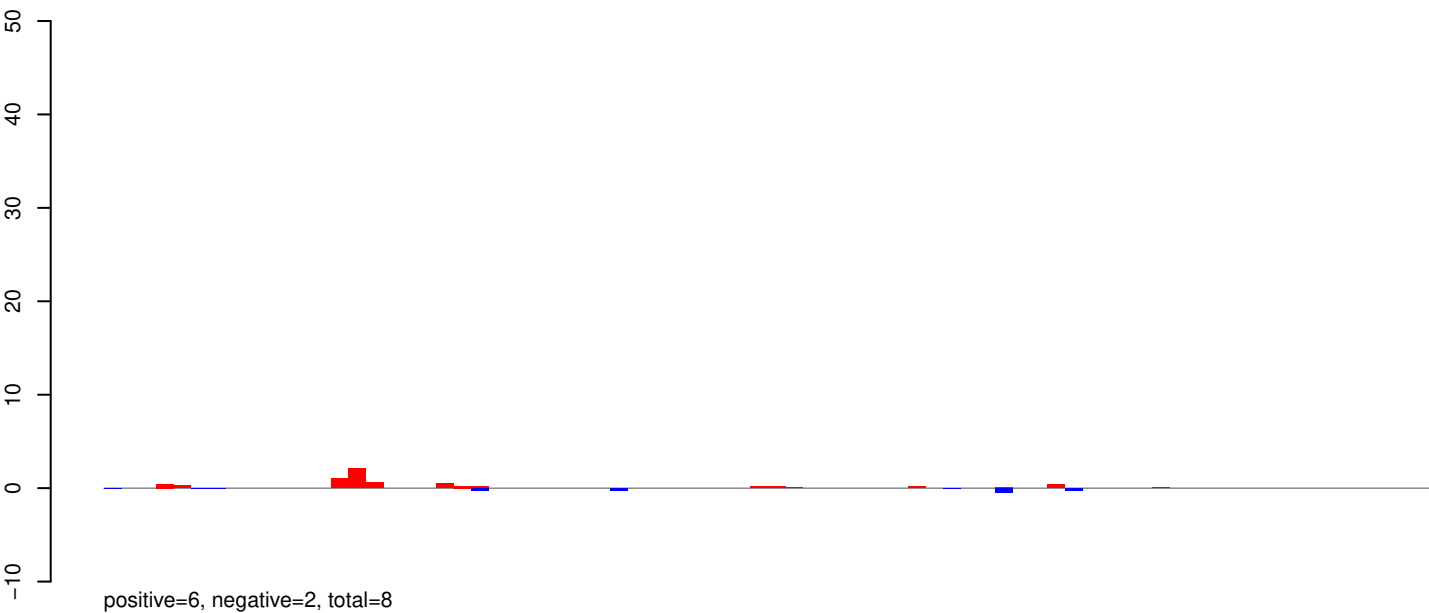


positive=1, negative=142, total=143

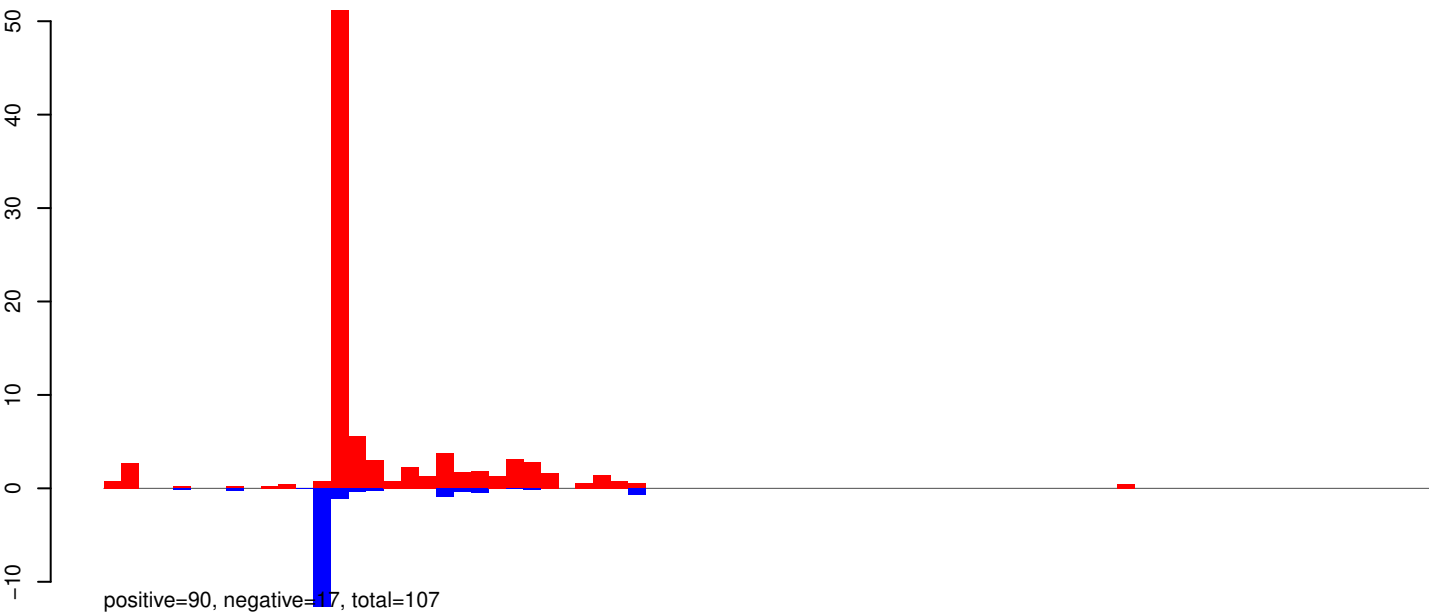
Window size=25, length=2258, TE@TF001255-m4bp\_Ele14a:1-2258

0 500 1000 1500 2000

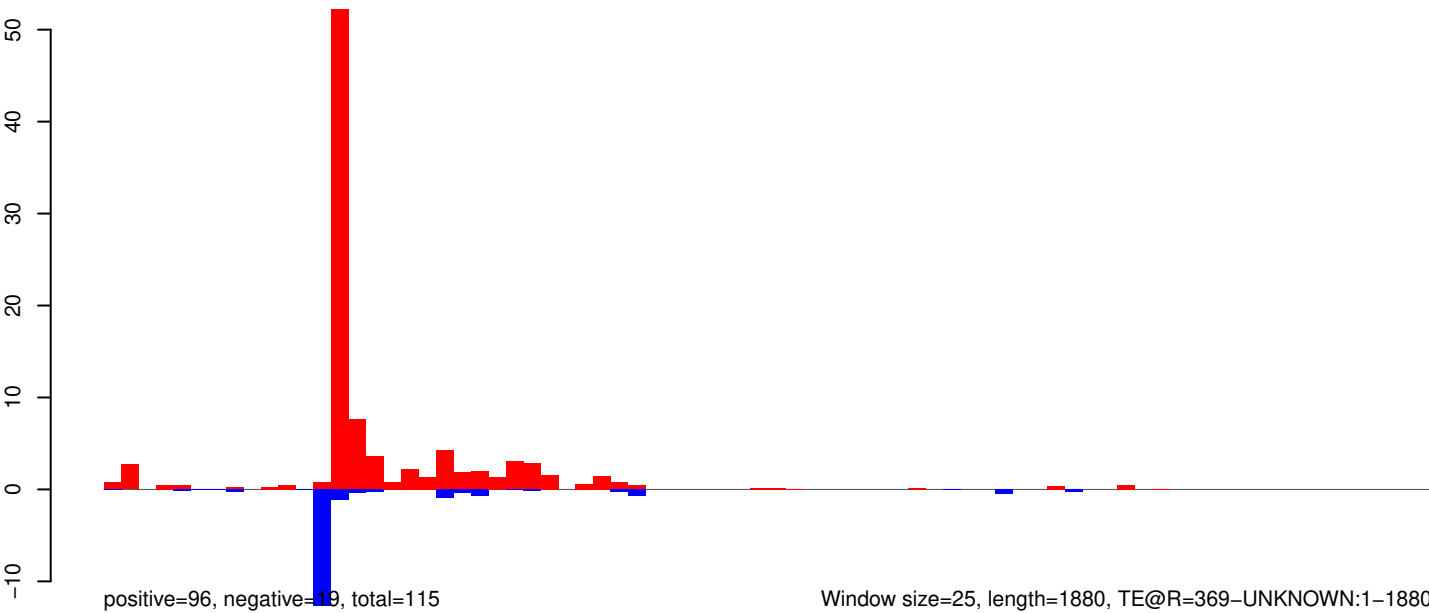
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

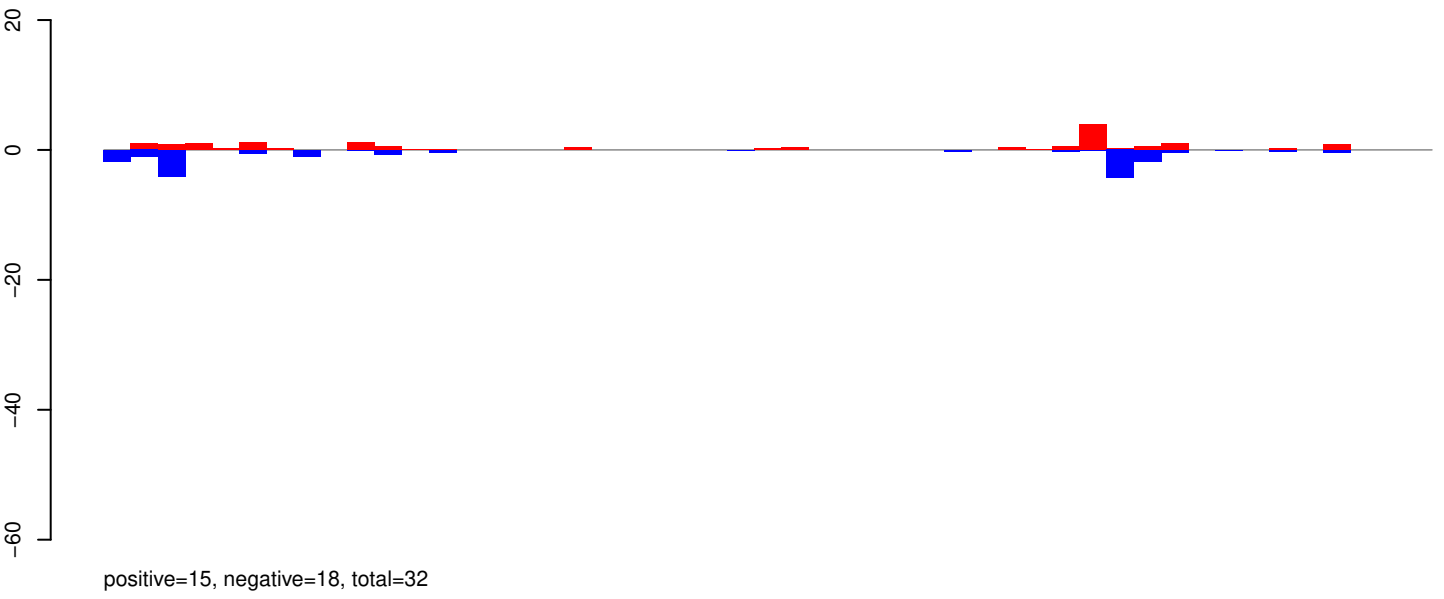


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

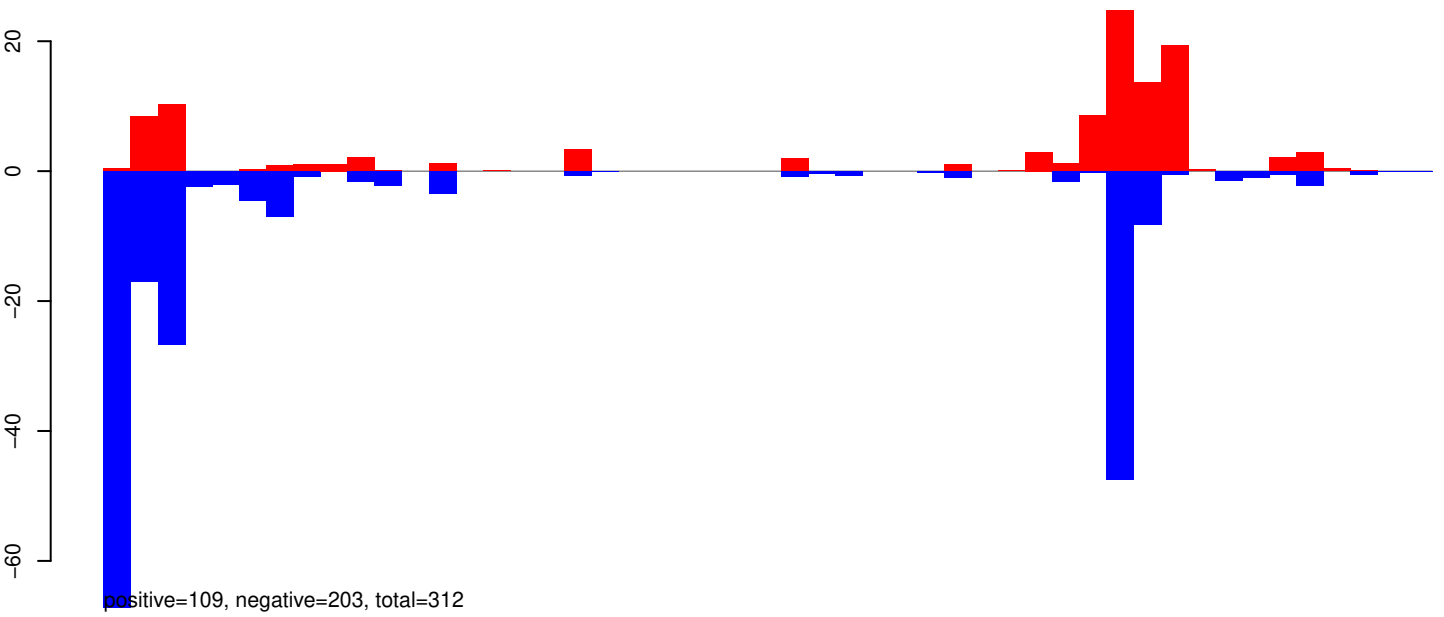


Window size=25, length=1880, TE@R=369-UNKNOWN:1-1880

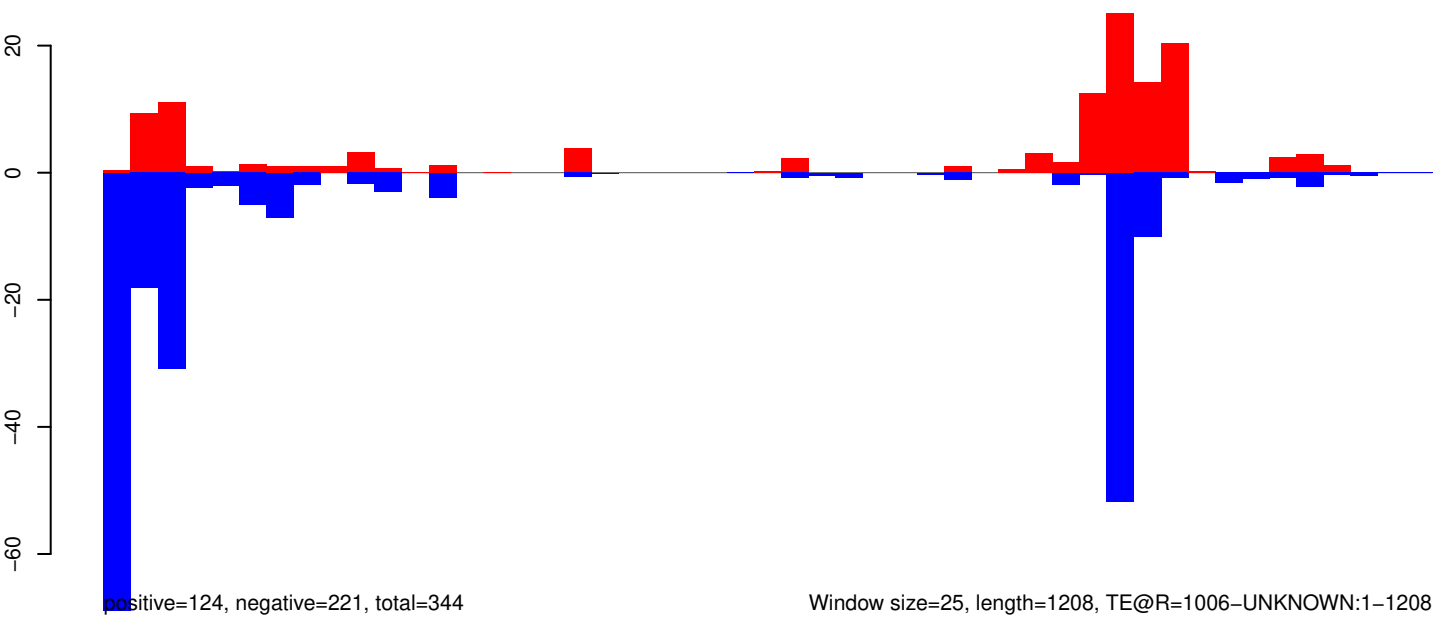
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



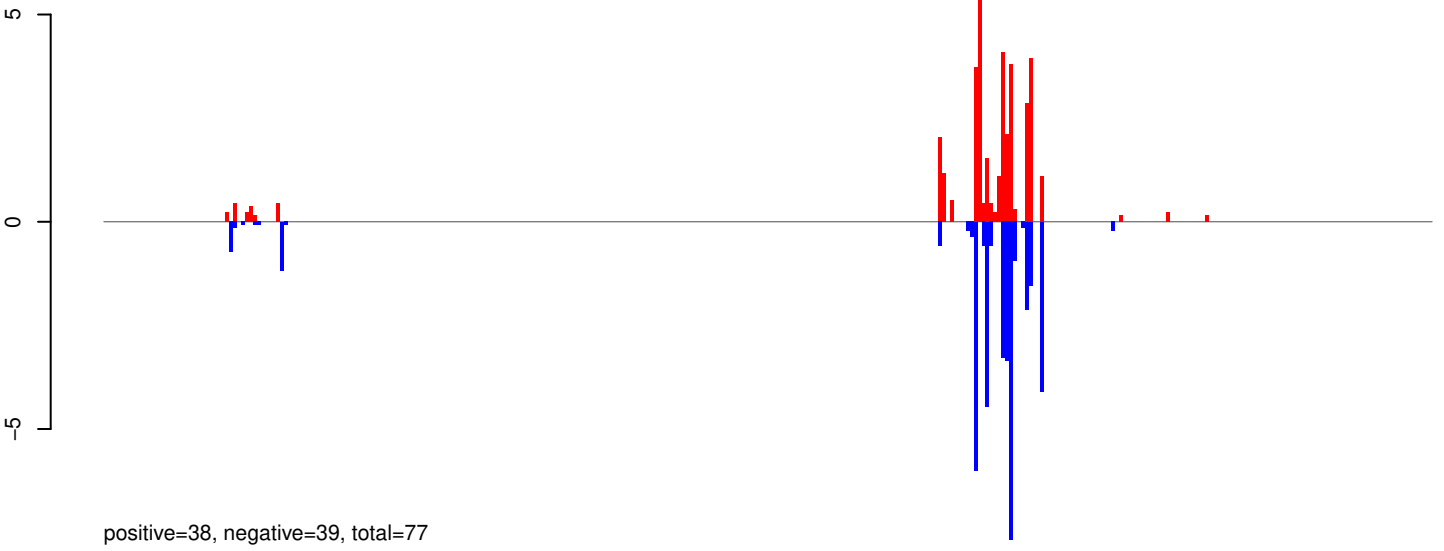
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



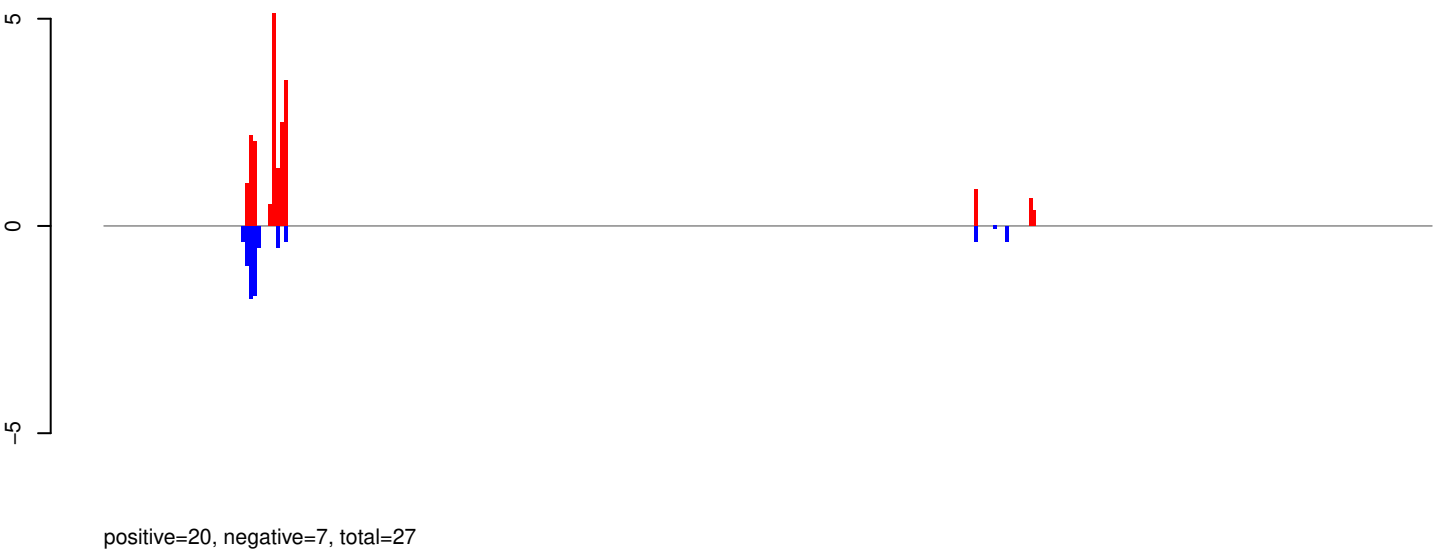
Window size=25, length=1208, TE@R=1006-UNKNOWN:1-1208



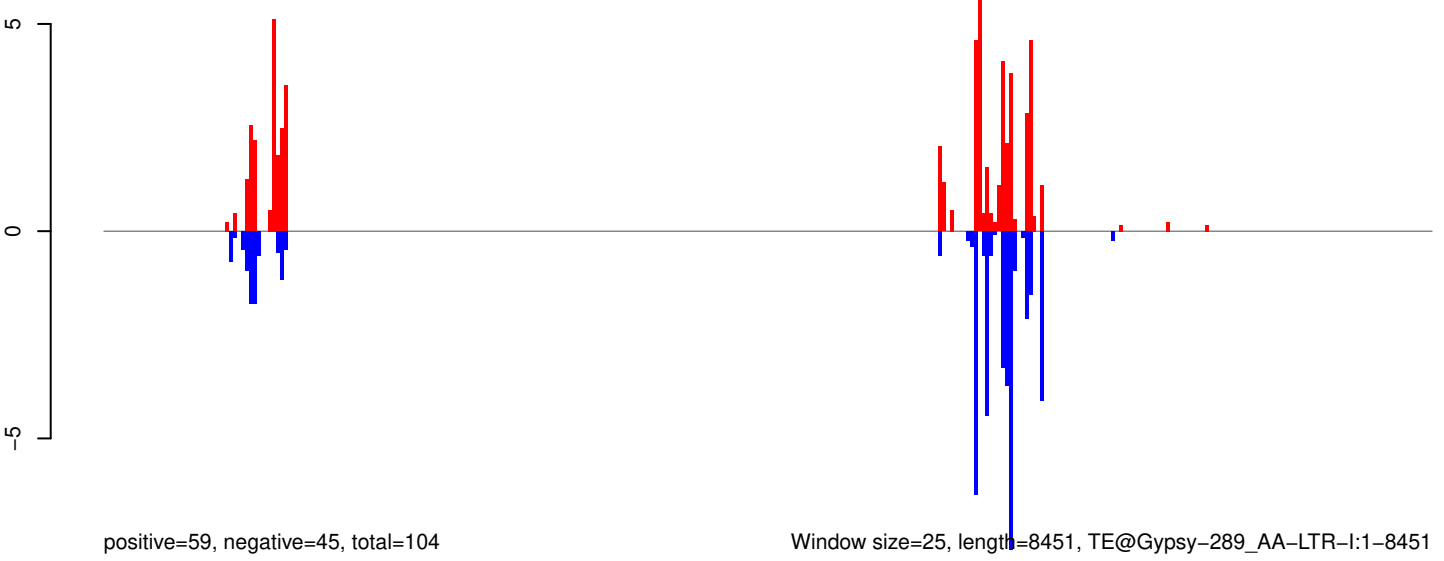
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



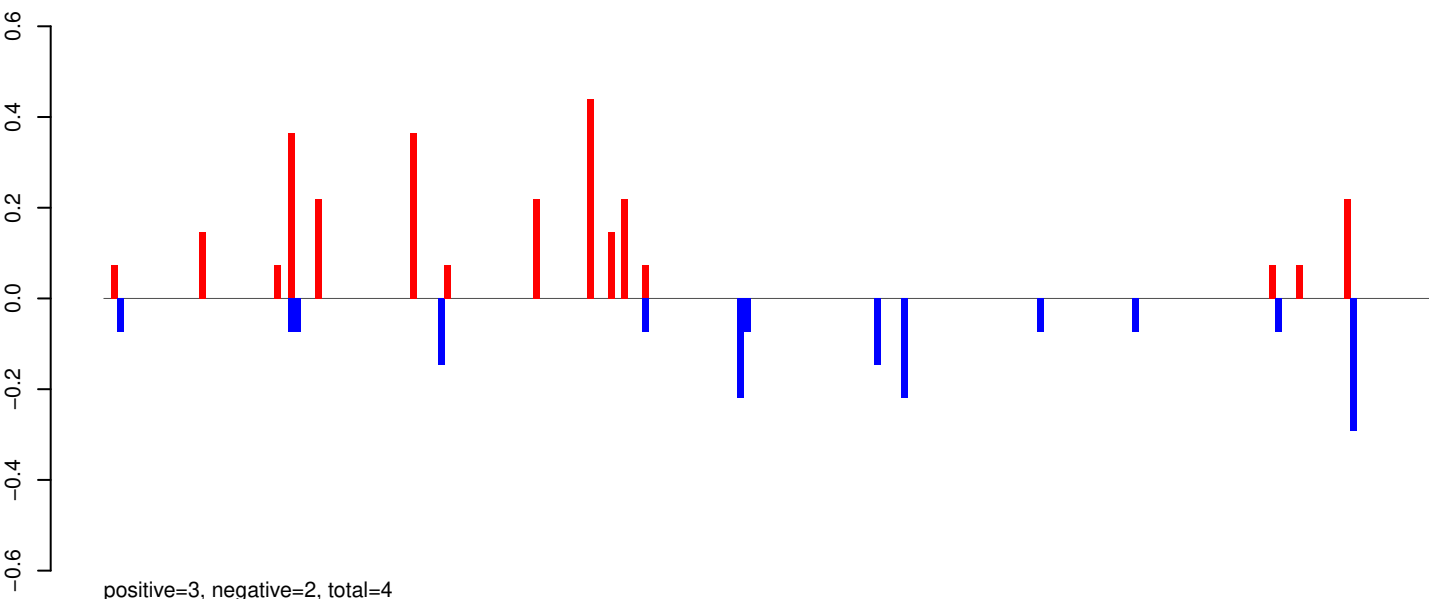
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



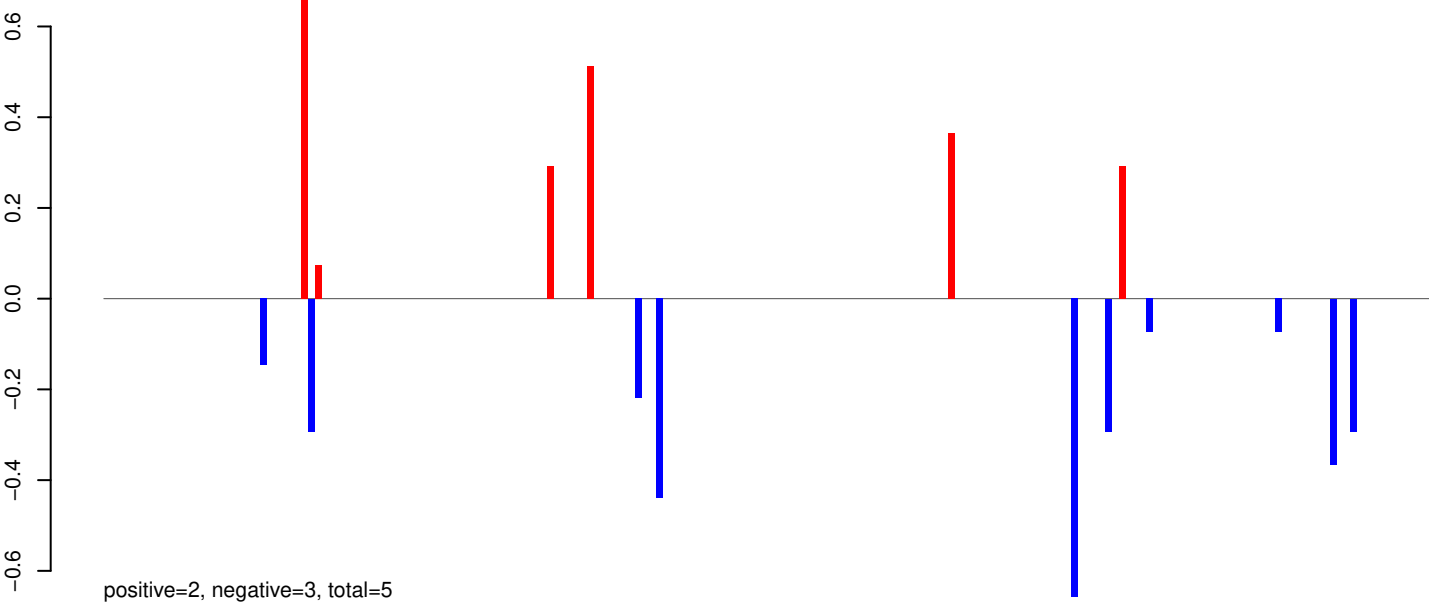
Window size=25, length=8451, TE@Gypsy-289\_AA-LTR-I:1-8451

0 2000 4000 6000 8000

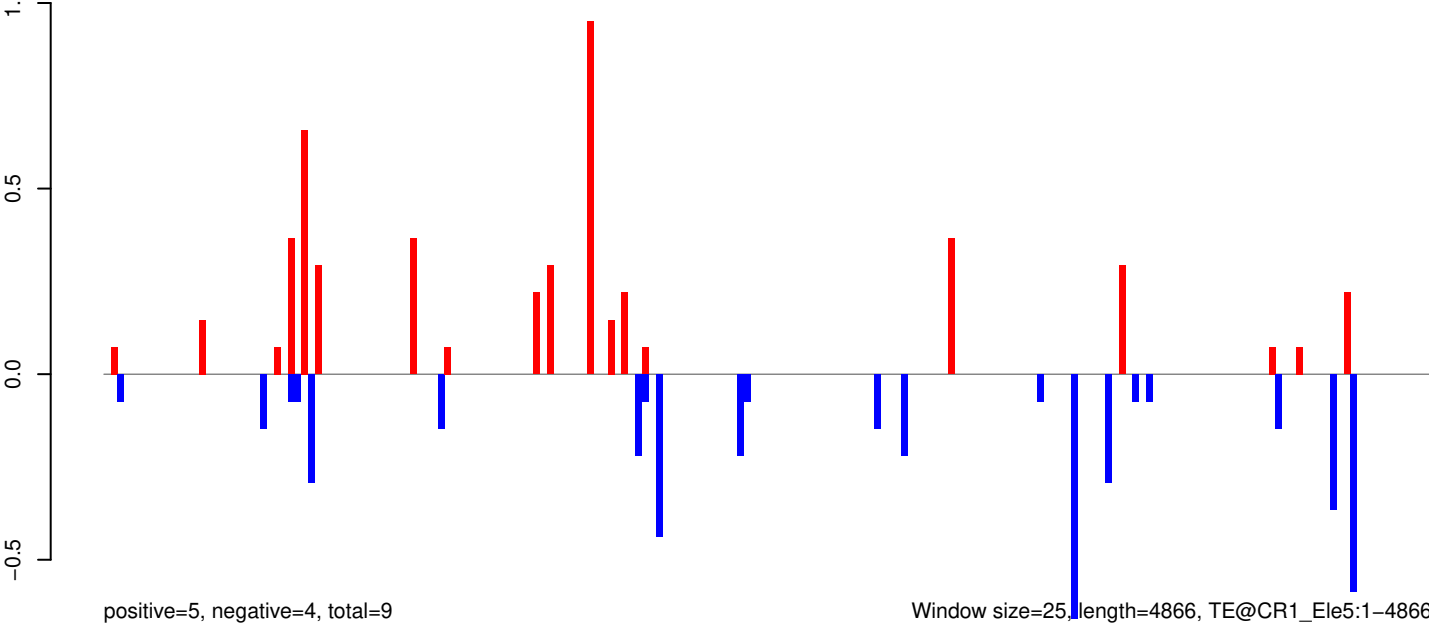
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

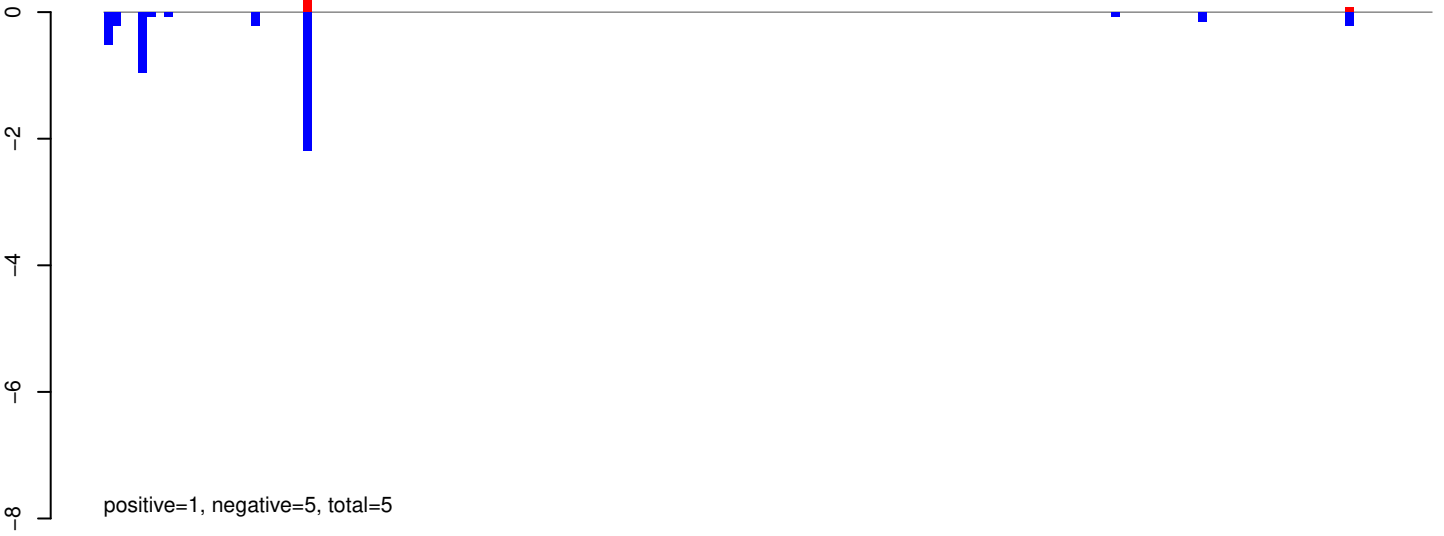


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

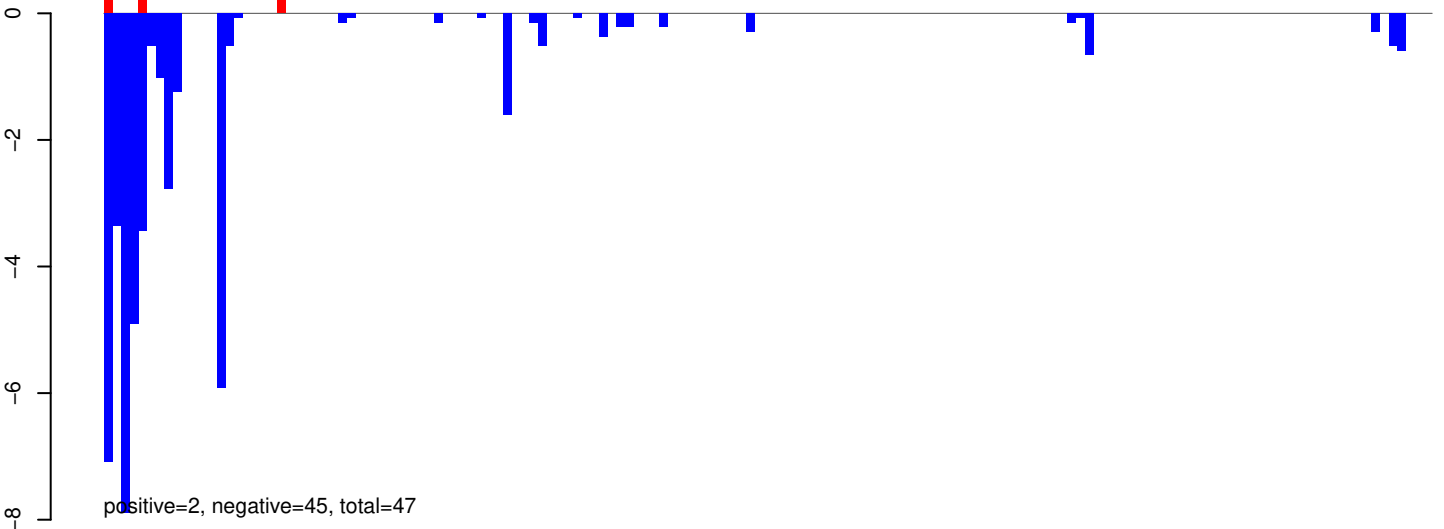


Window size=25, length=4866, TE@CR1\_Ele5:1-4866

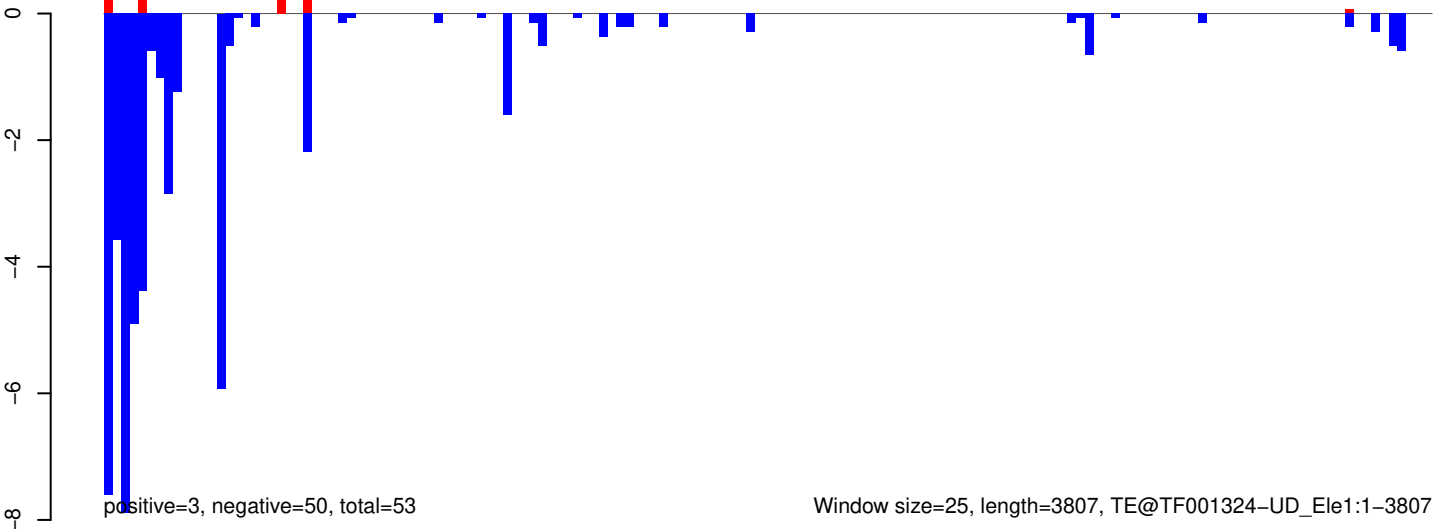
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

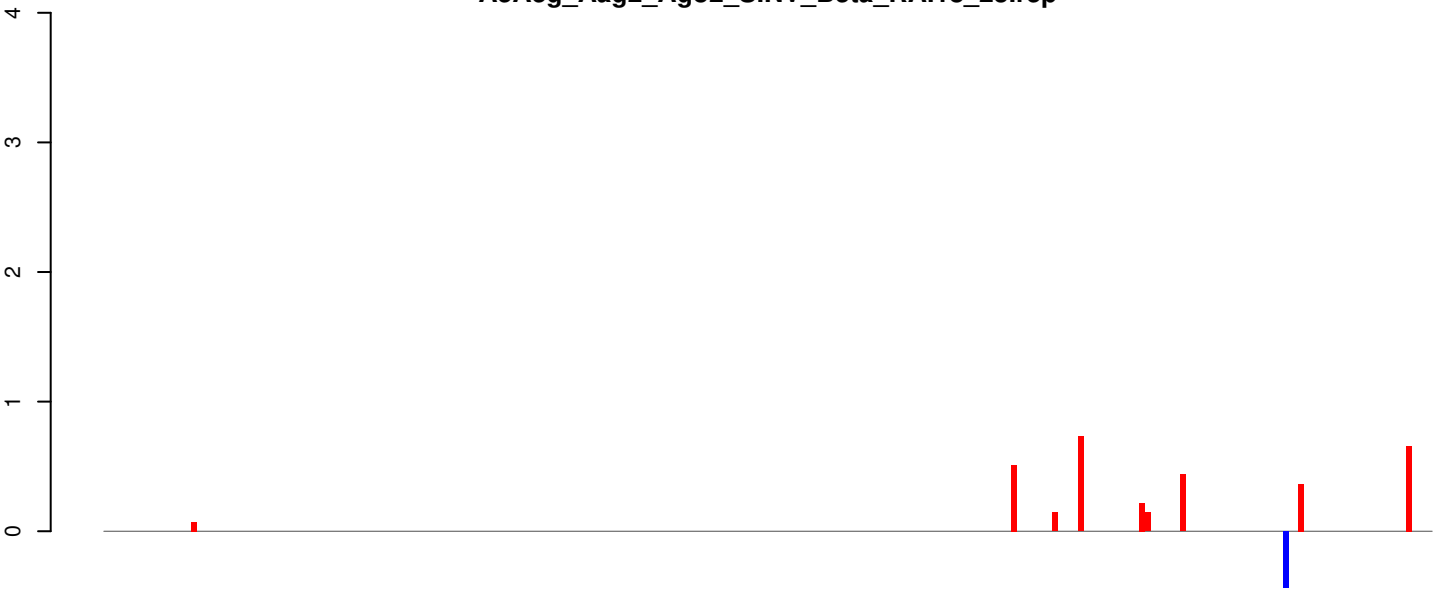


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

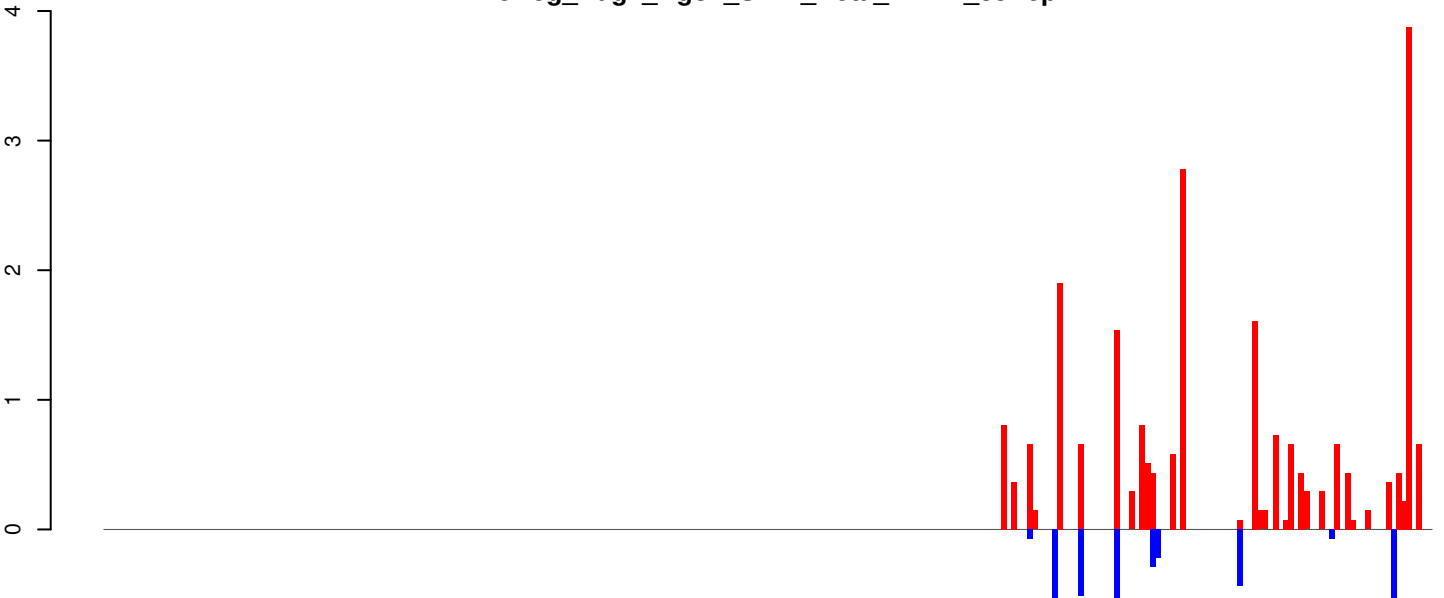


Window size=25, length=3807, TE@TF001324-UD\_Ele1:1-3807

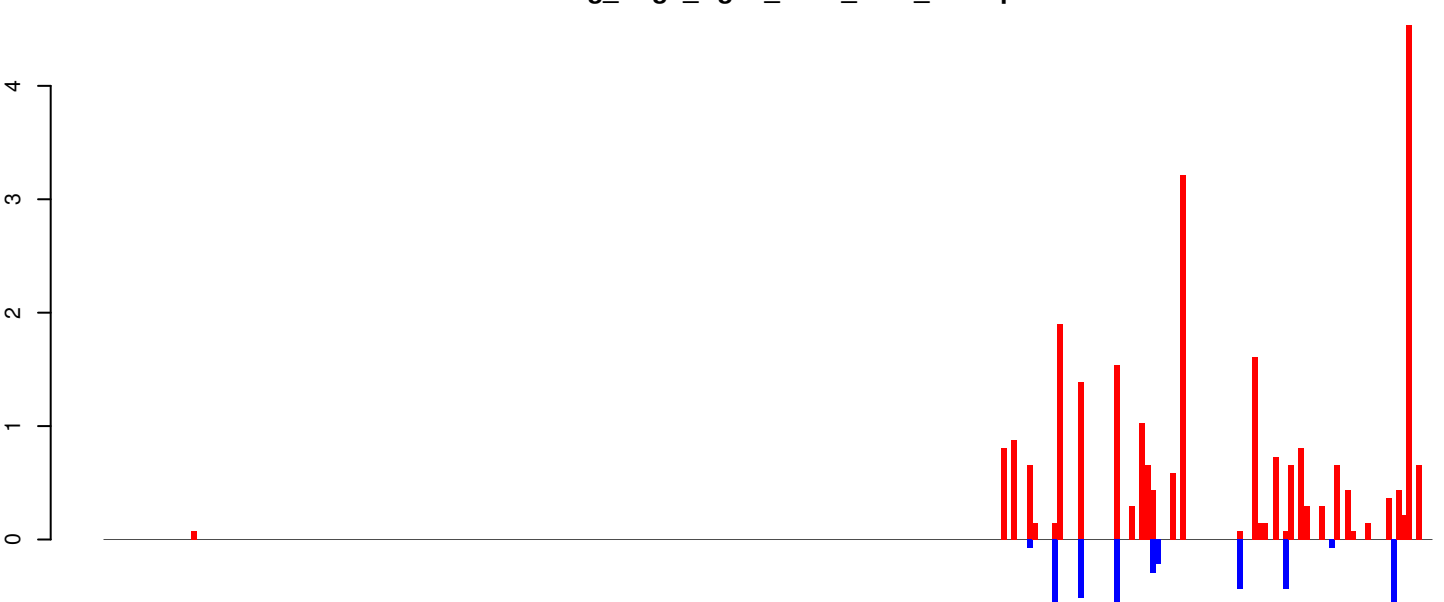
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



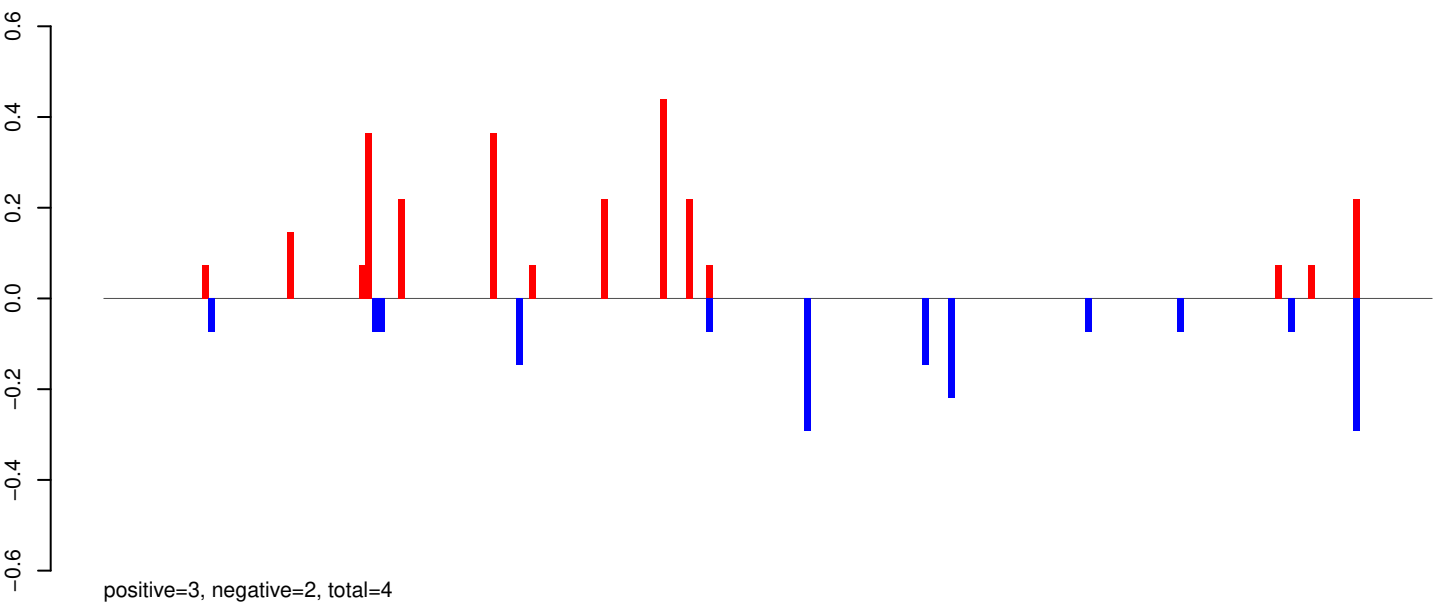
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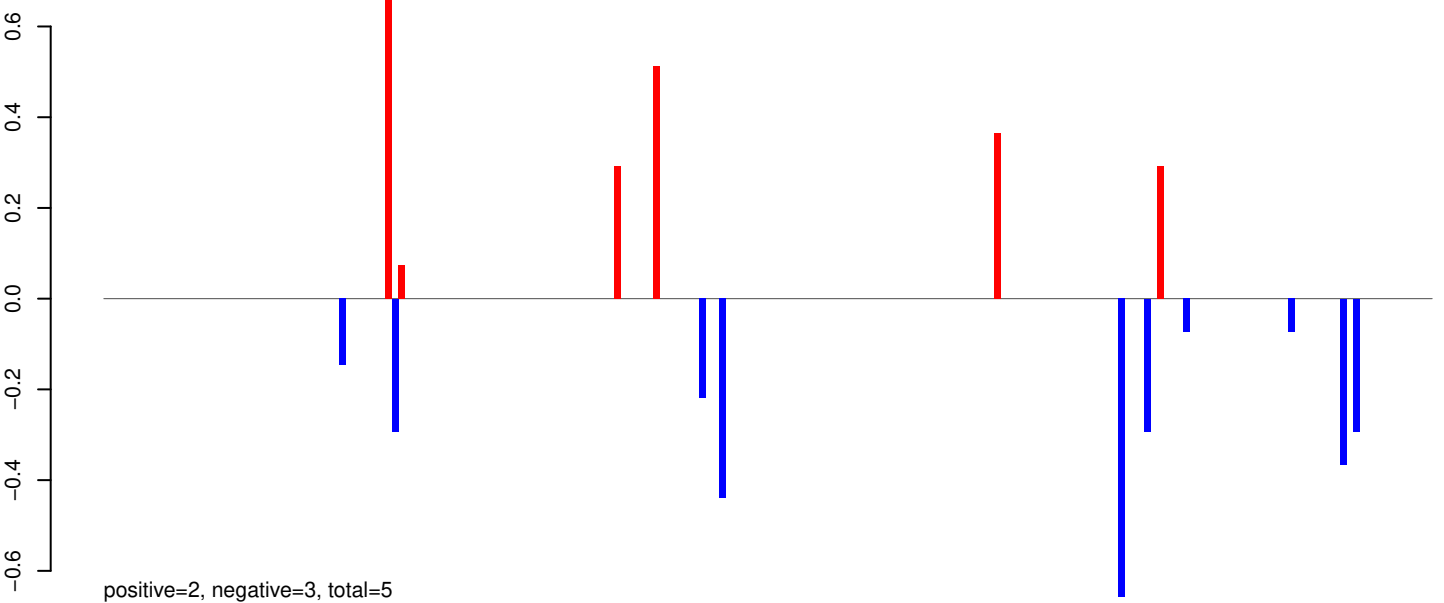
Window size=25, length=6462, TF@TF000977-Ty1\_copia\_Ele92:1-6462

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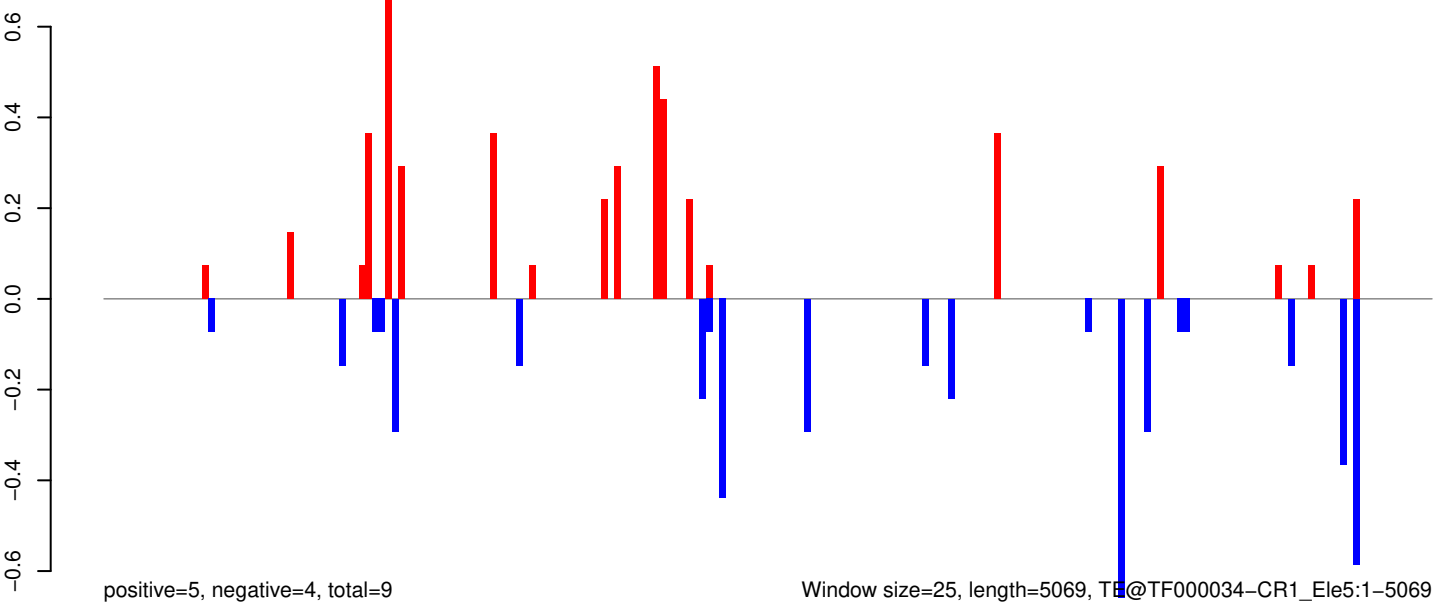
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

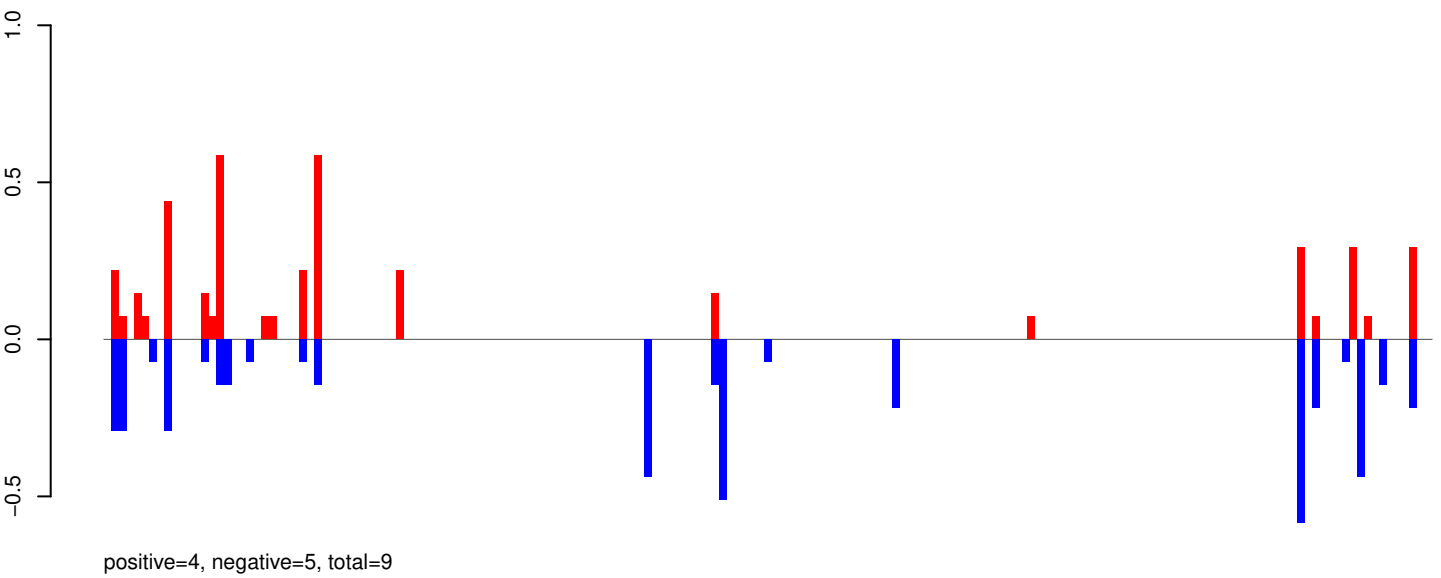


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

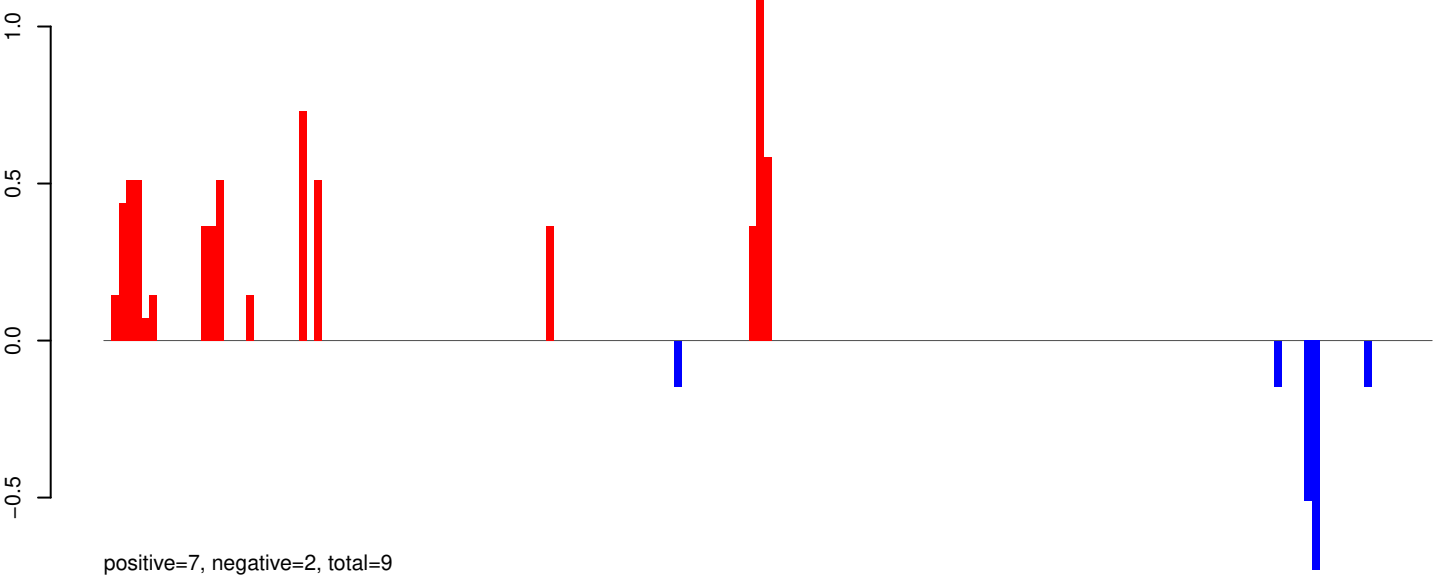


Window size=25, length=5069, TF@TF000034-CR1\_Ele5:1-5069

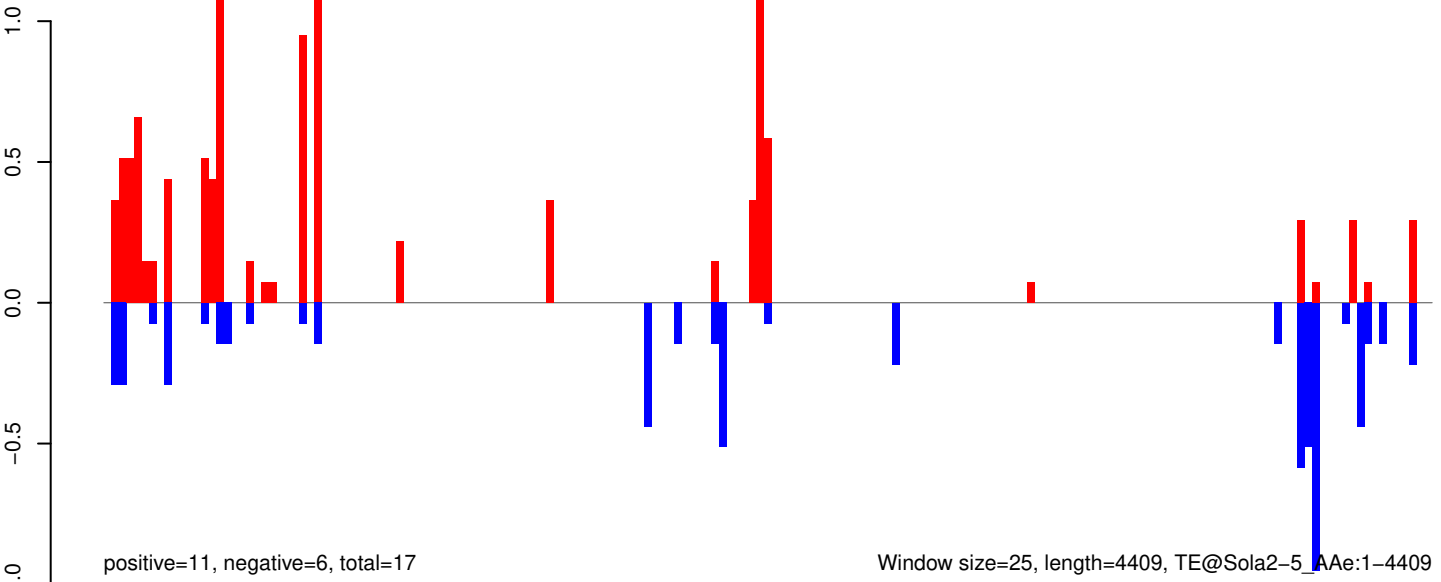
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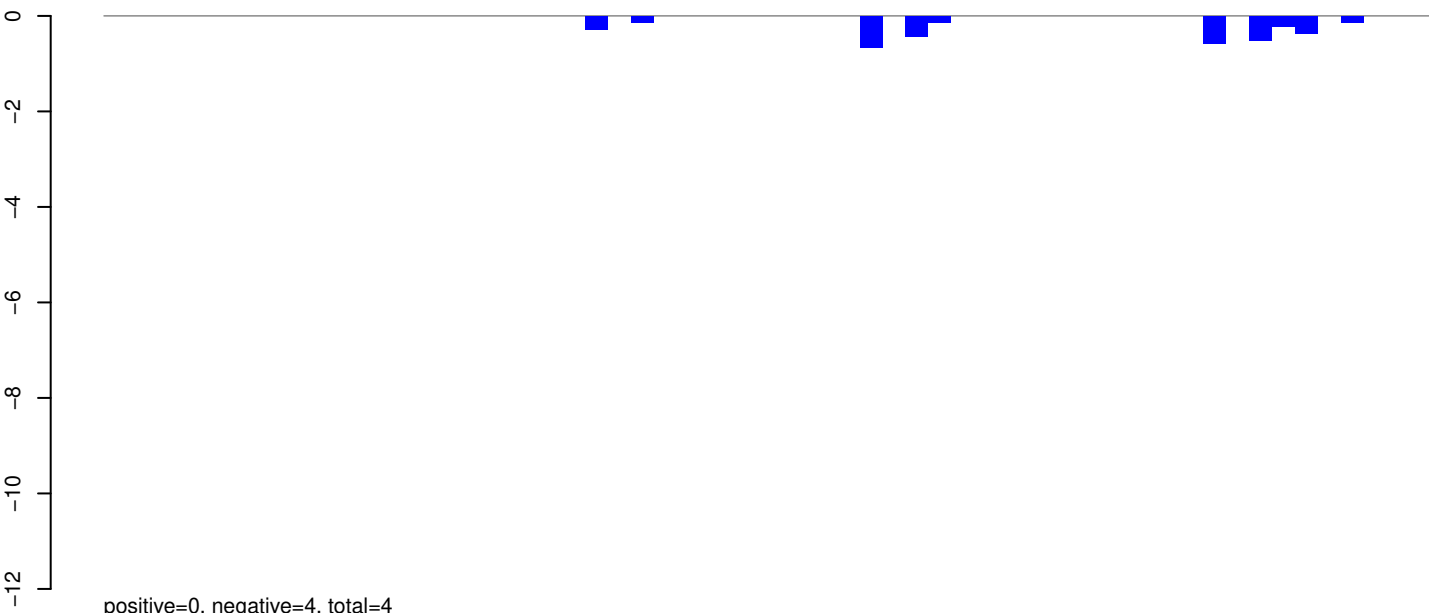
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



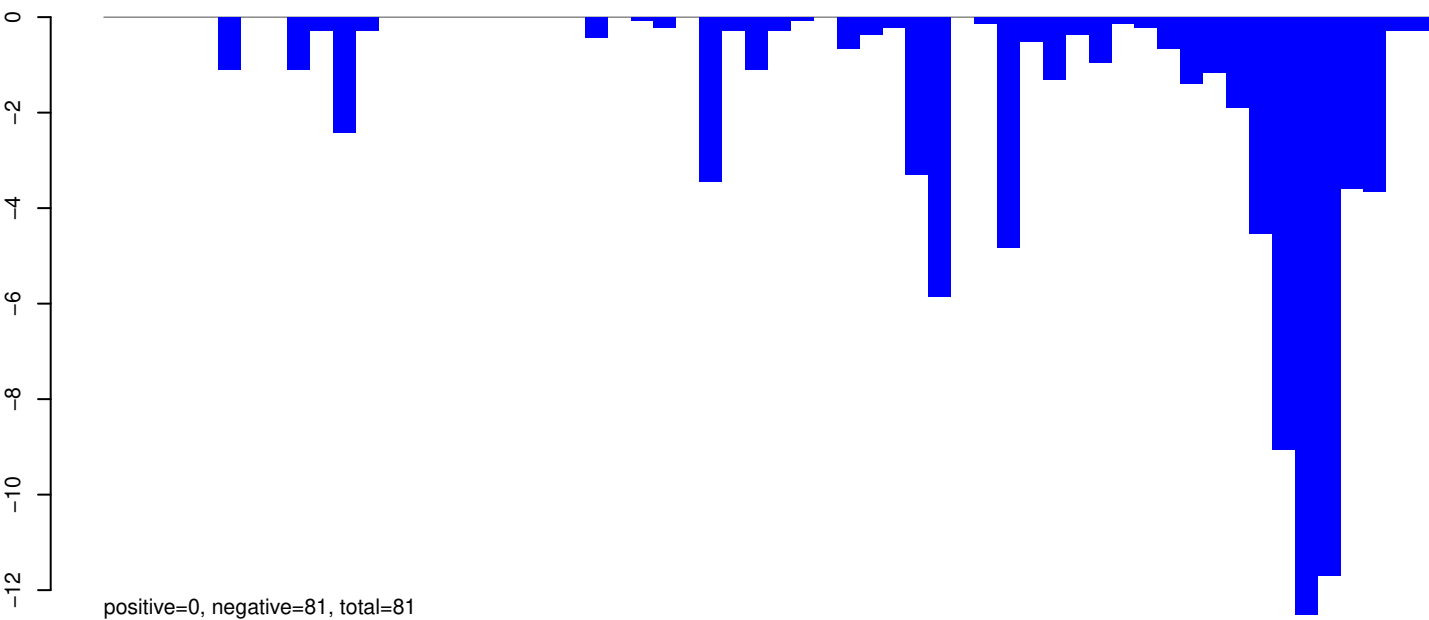
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



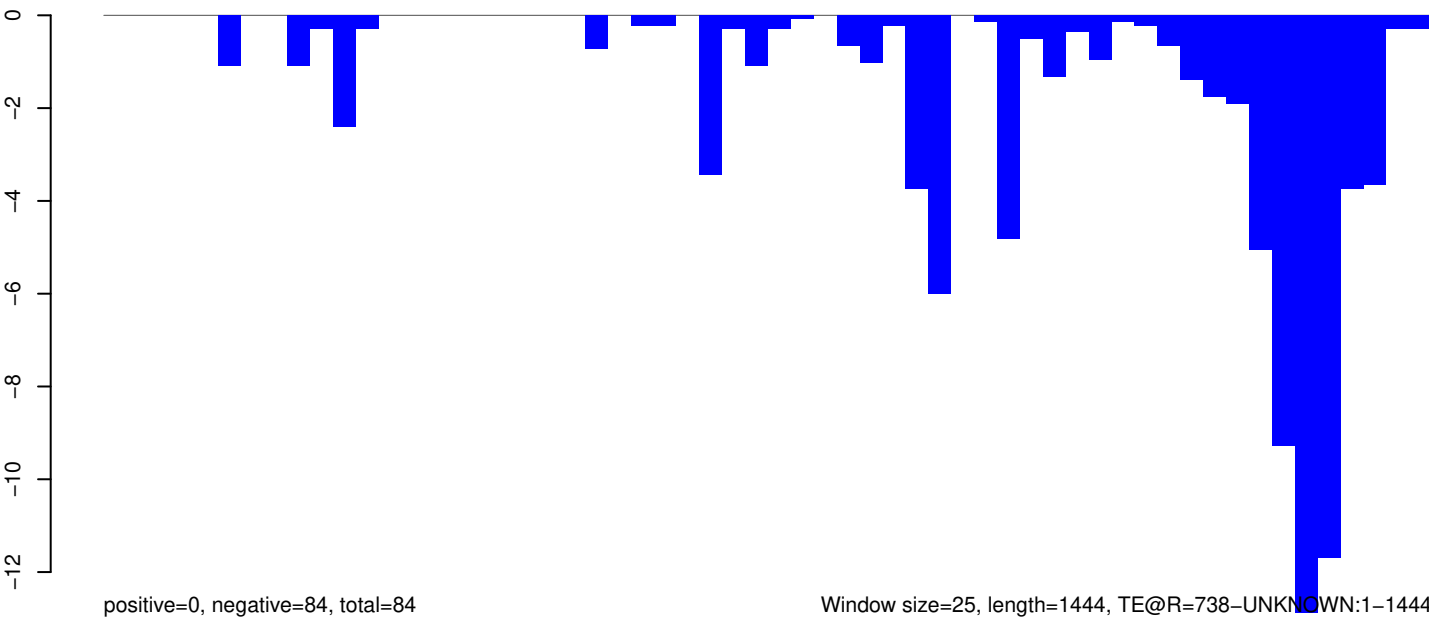
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

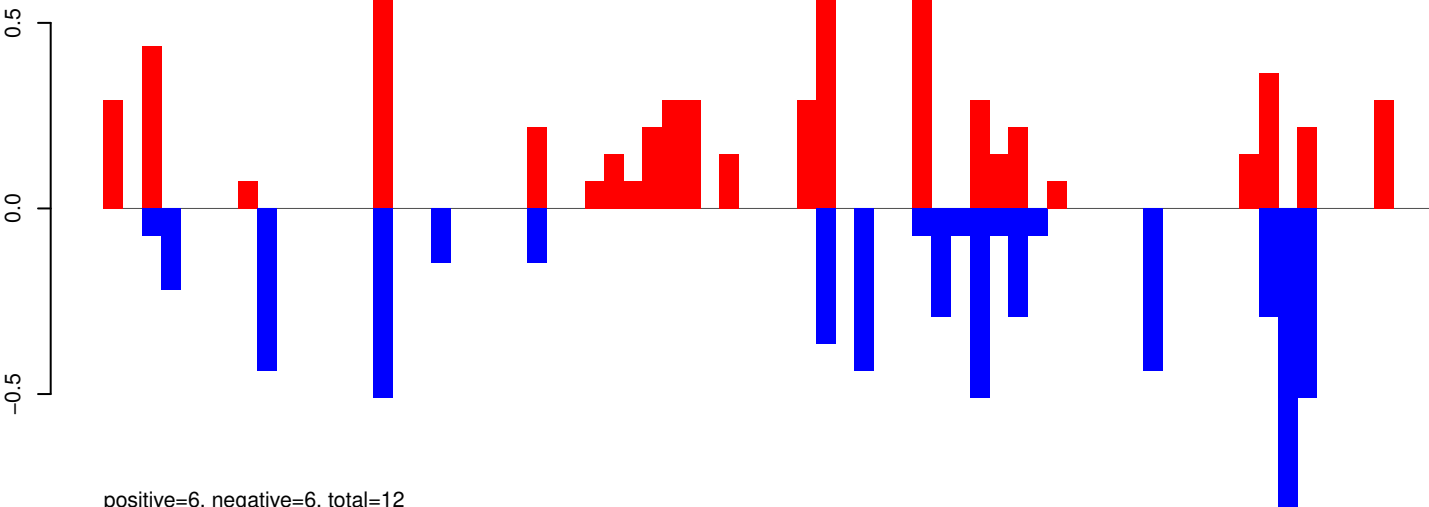


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

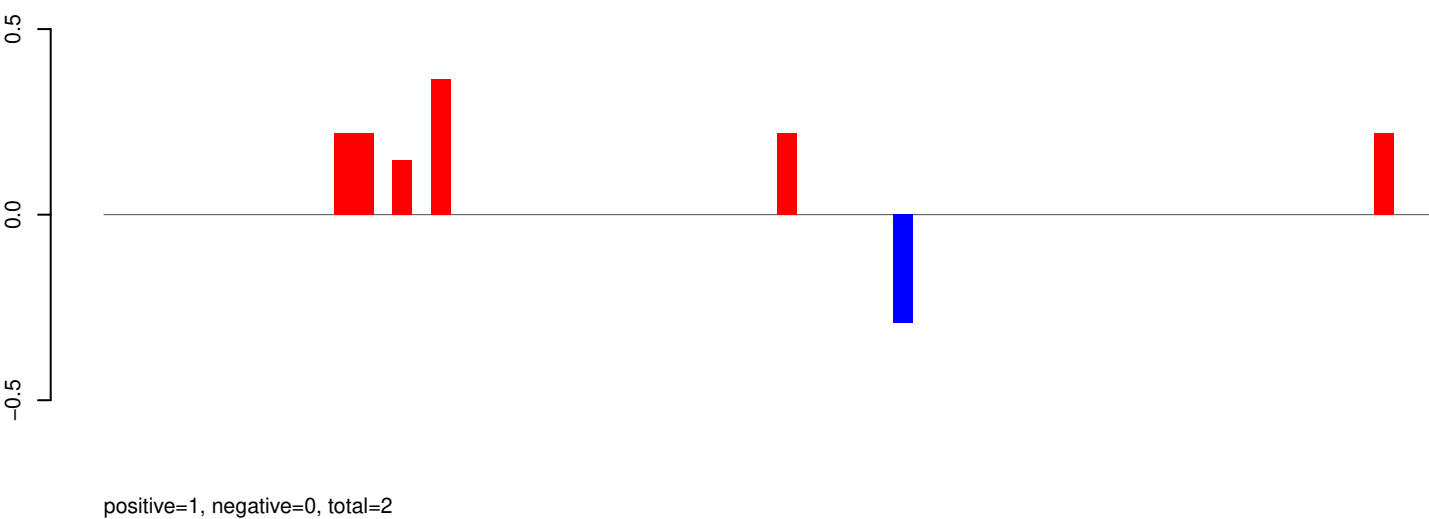


Window size=25, length=1444, TE@R=738-UNKNOWN:1-1444

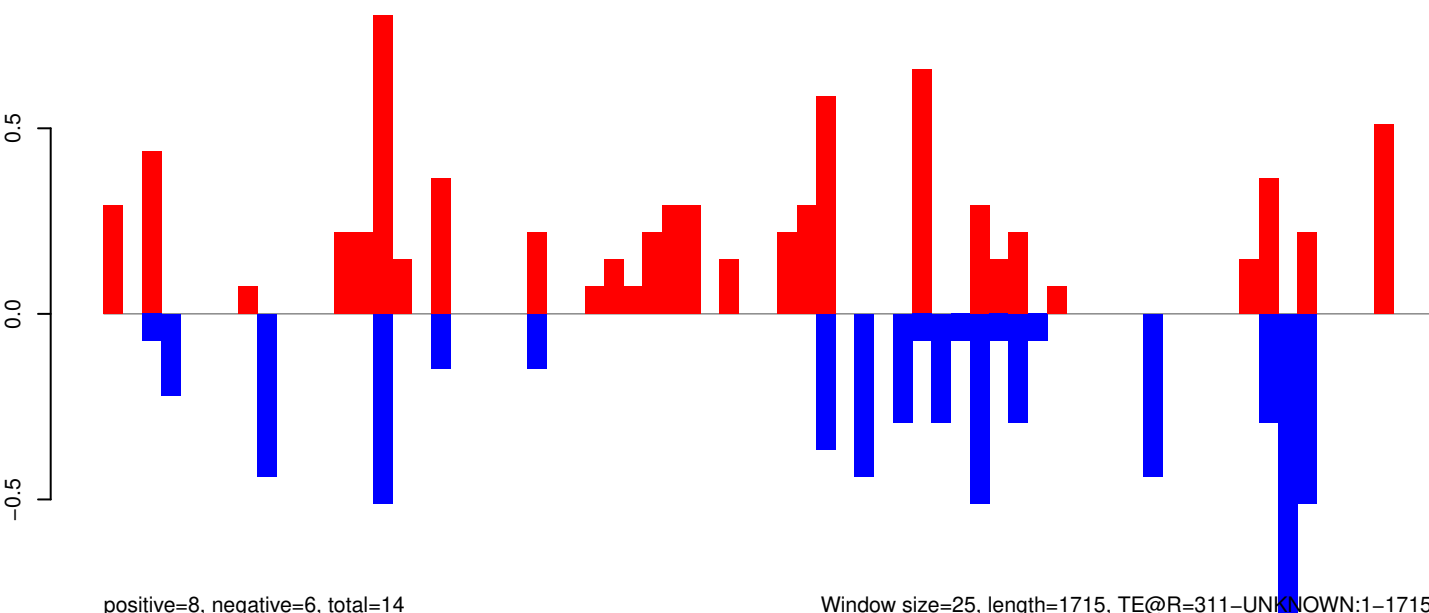
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

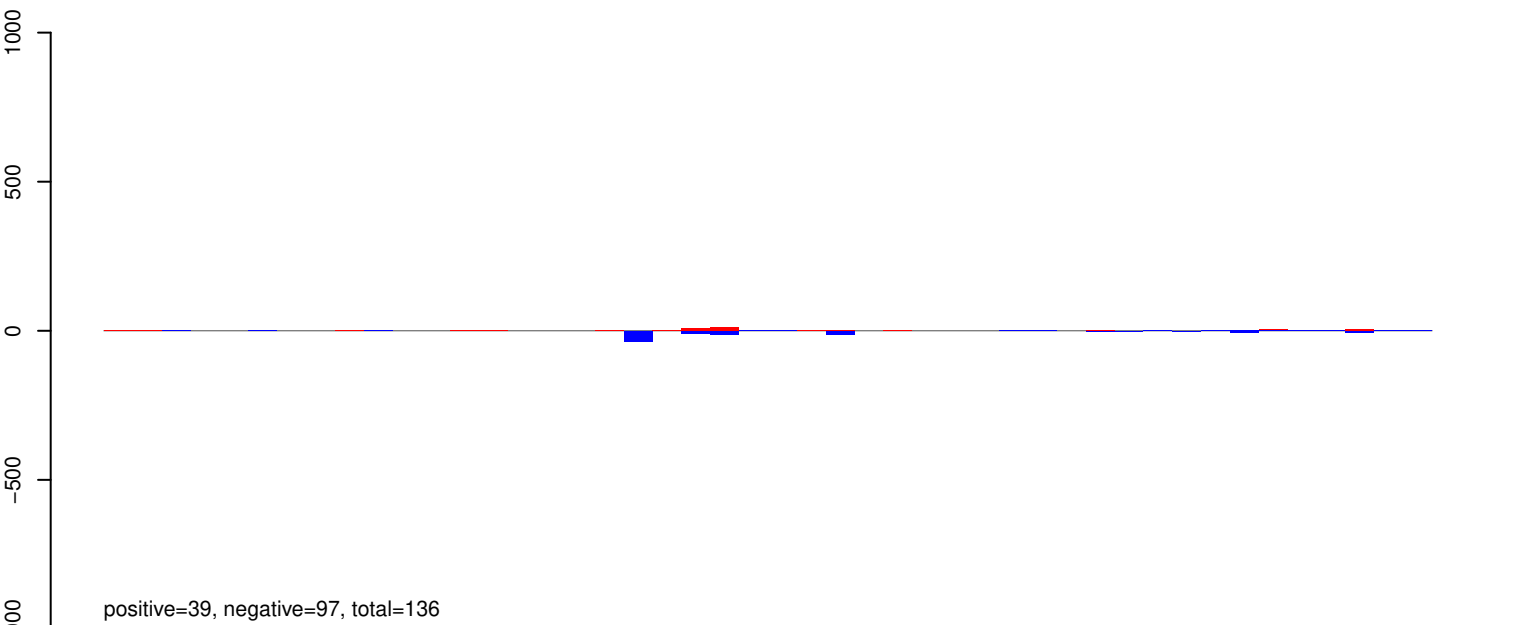


Window size=25, length=1715, TE@R=311-UNKNOWN:1-1715

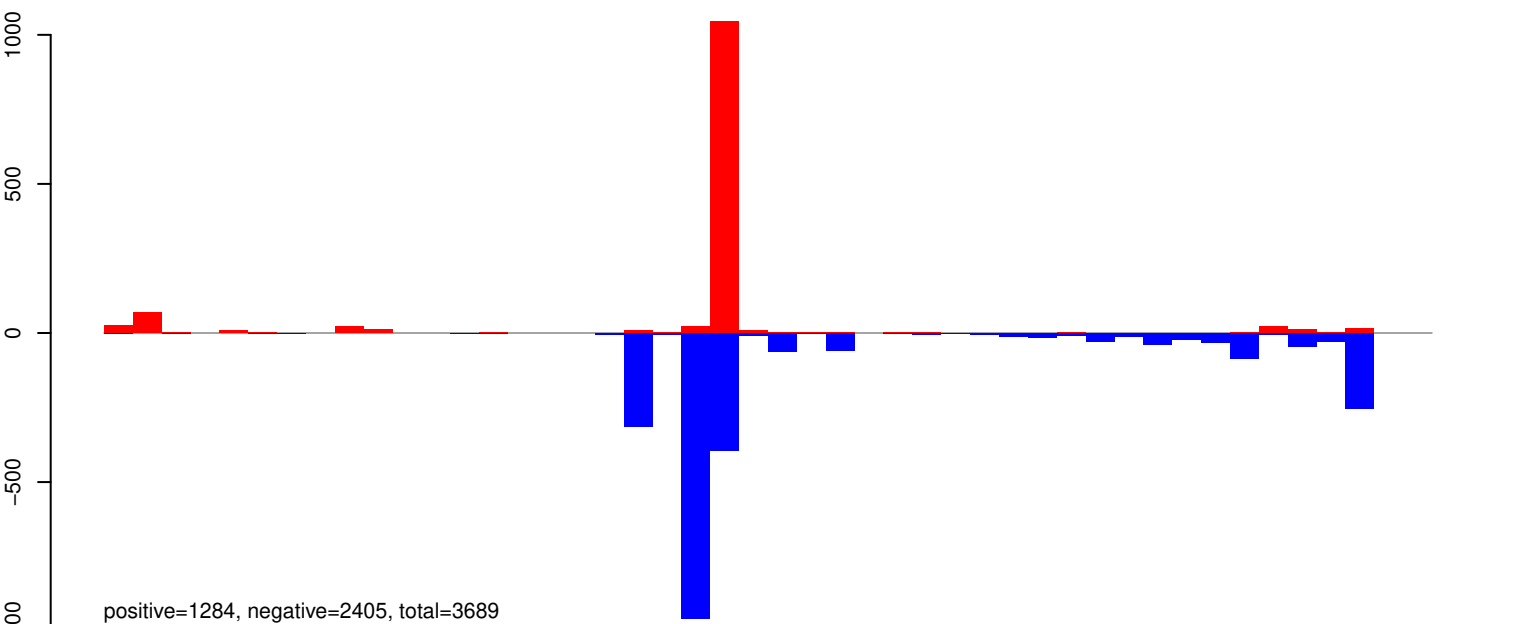
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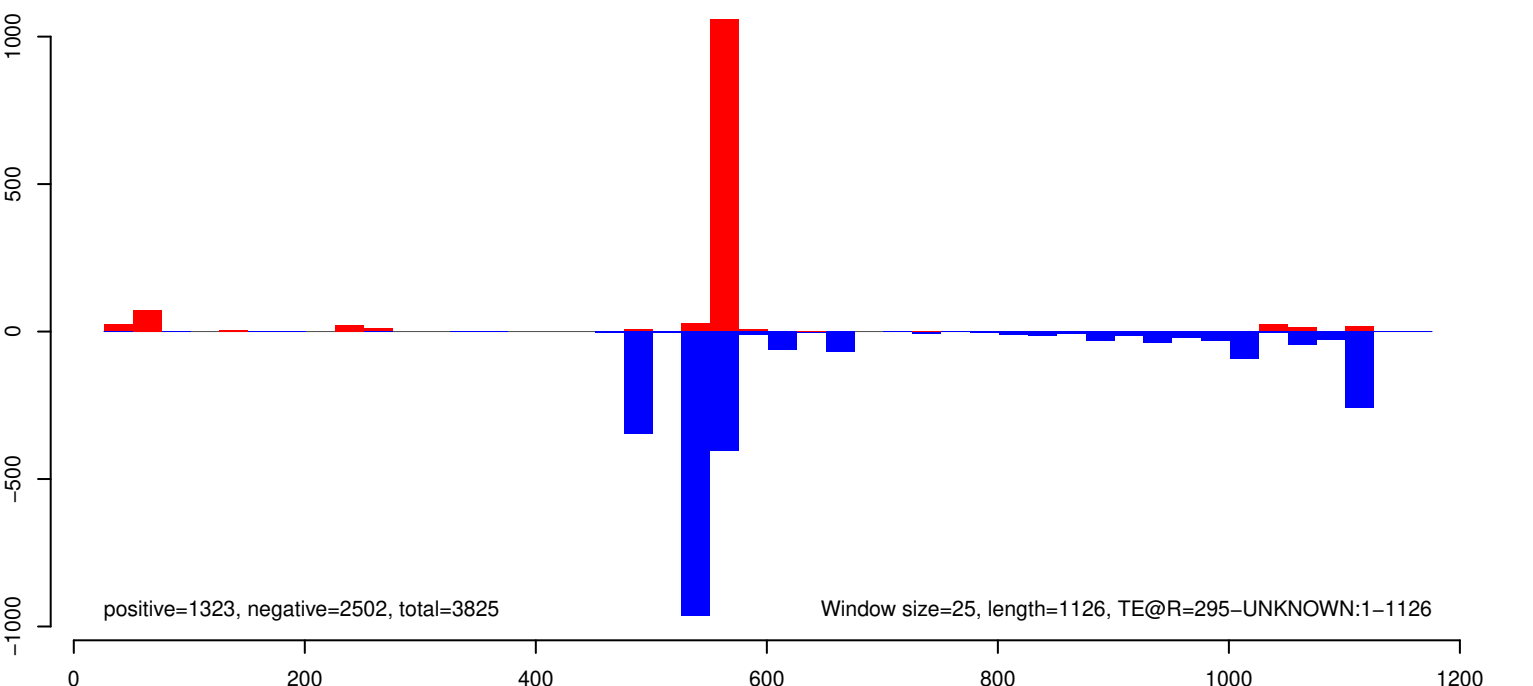
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



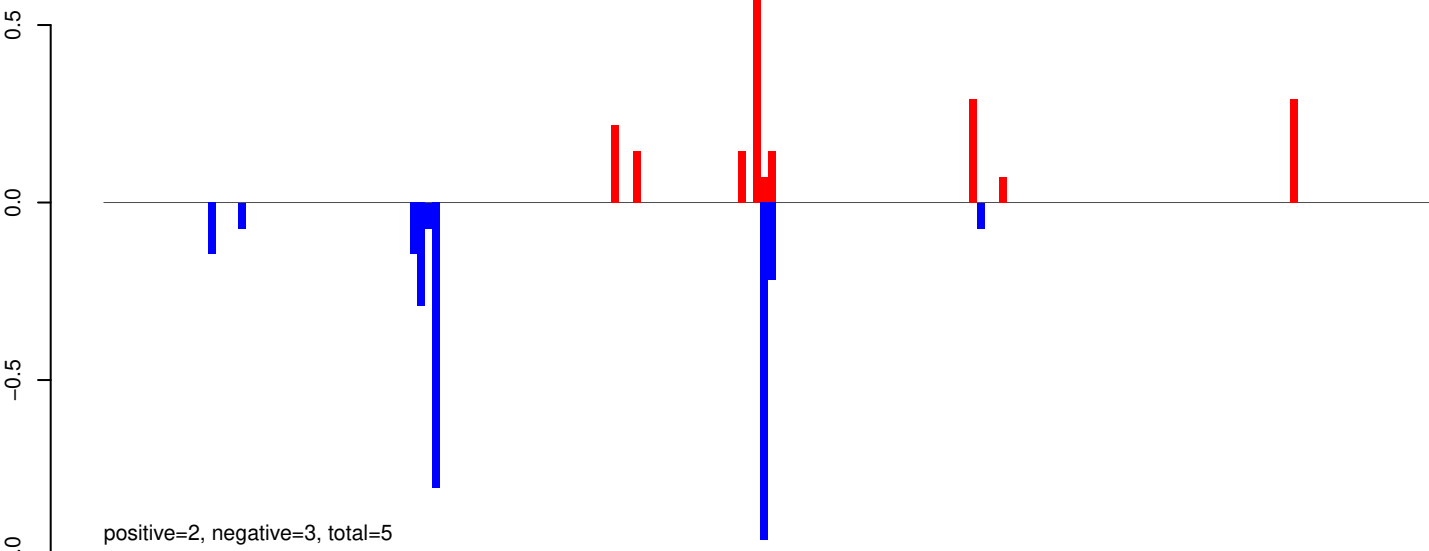
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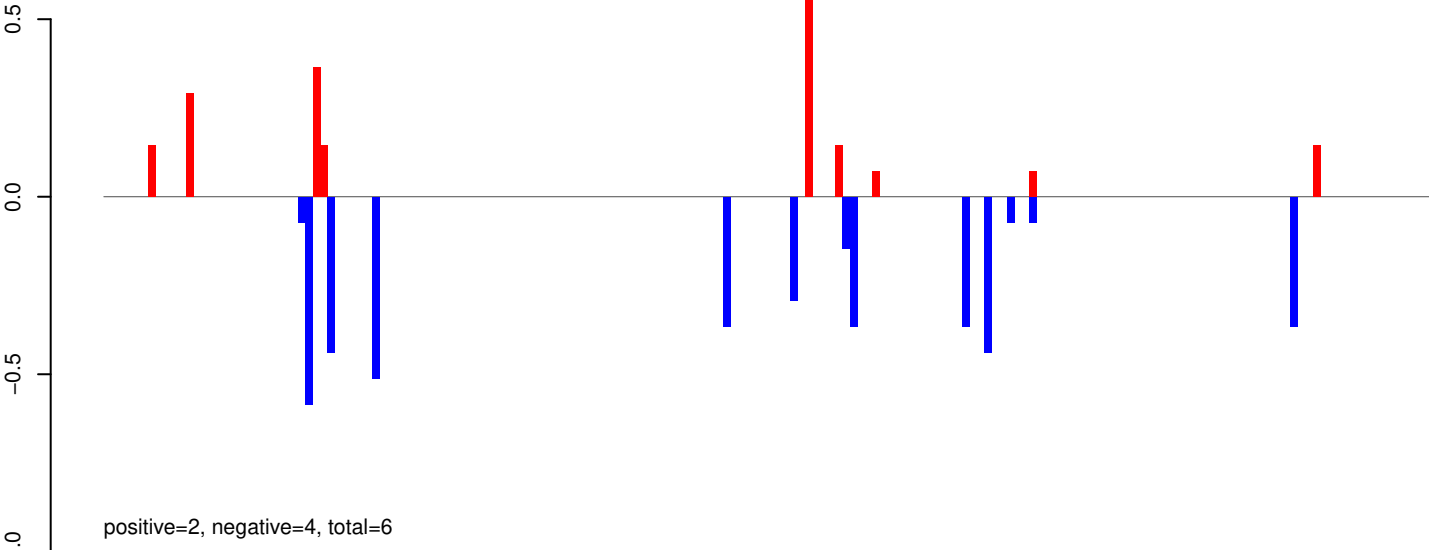
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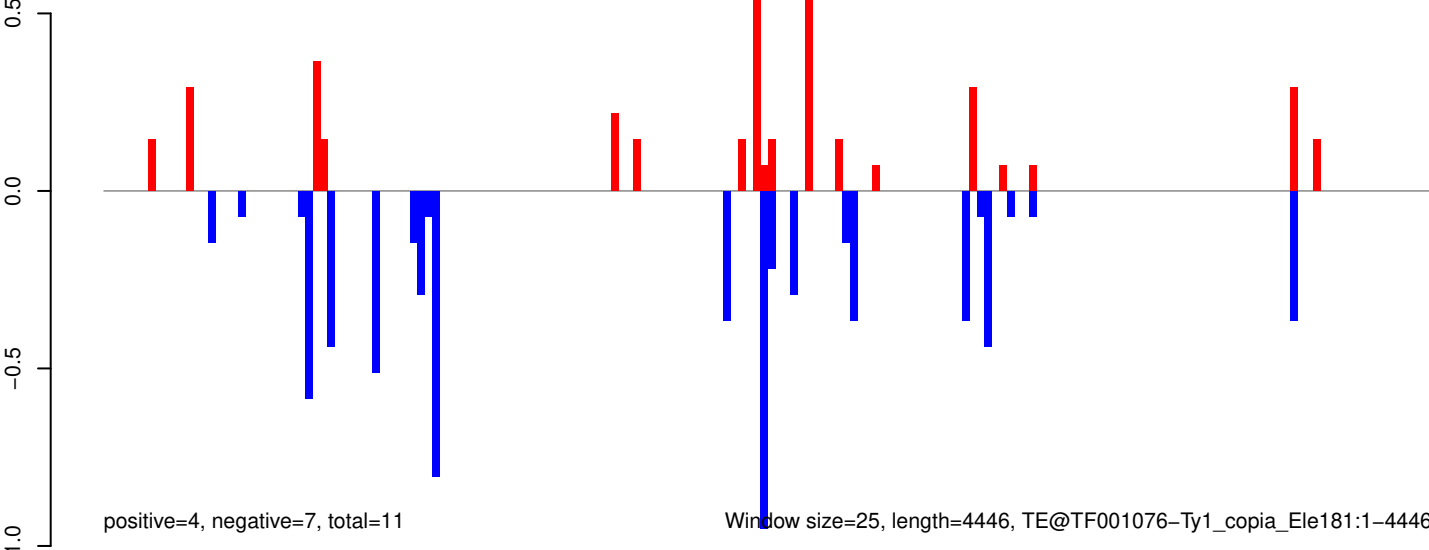
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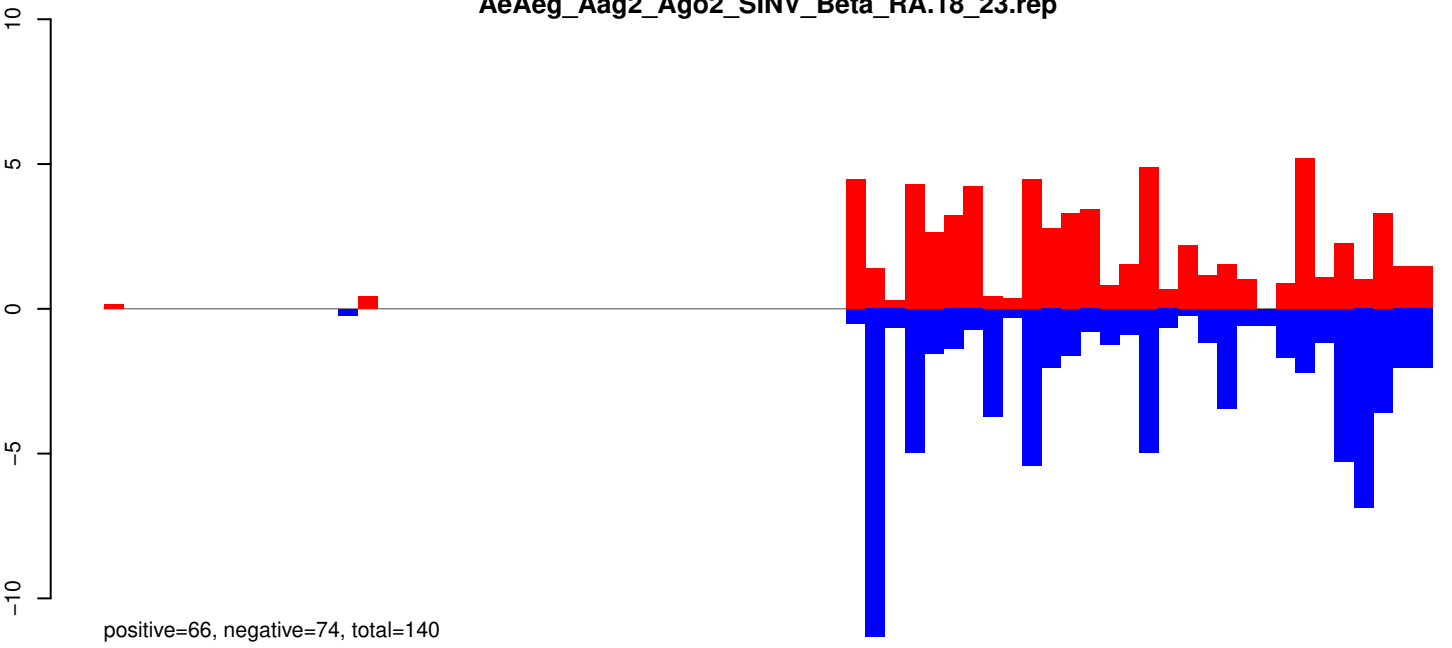
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



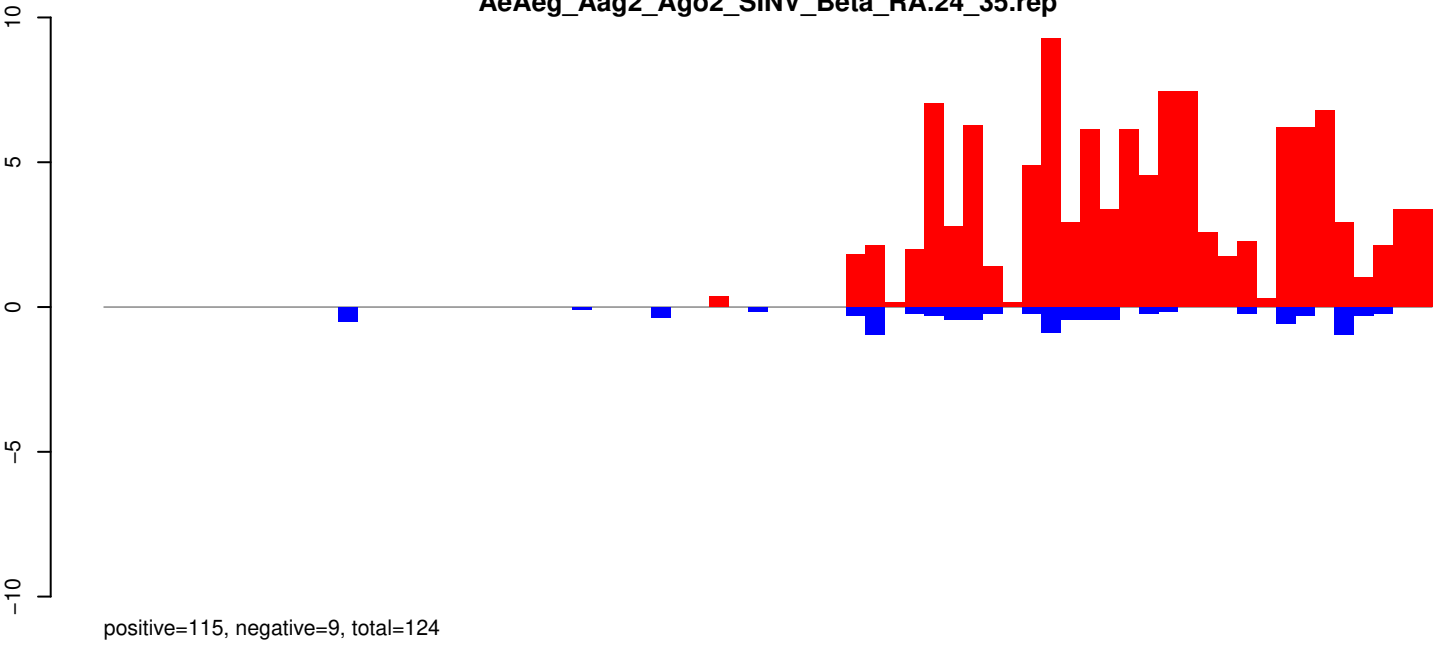
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



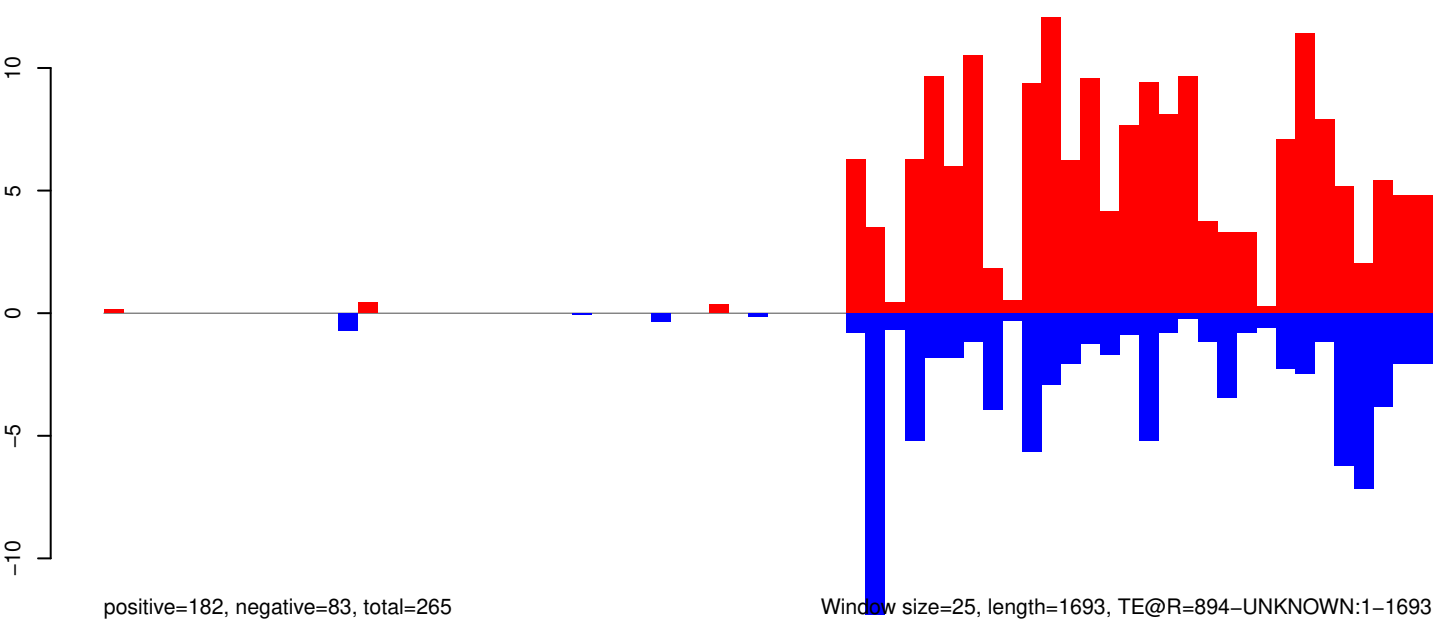
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



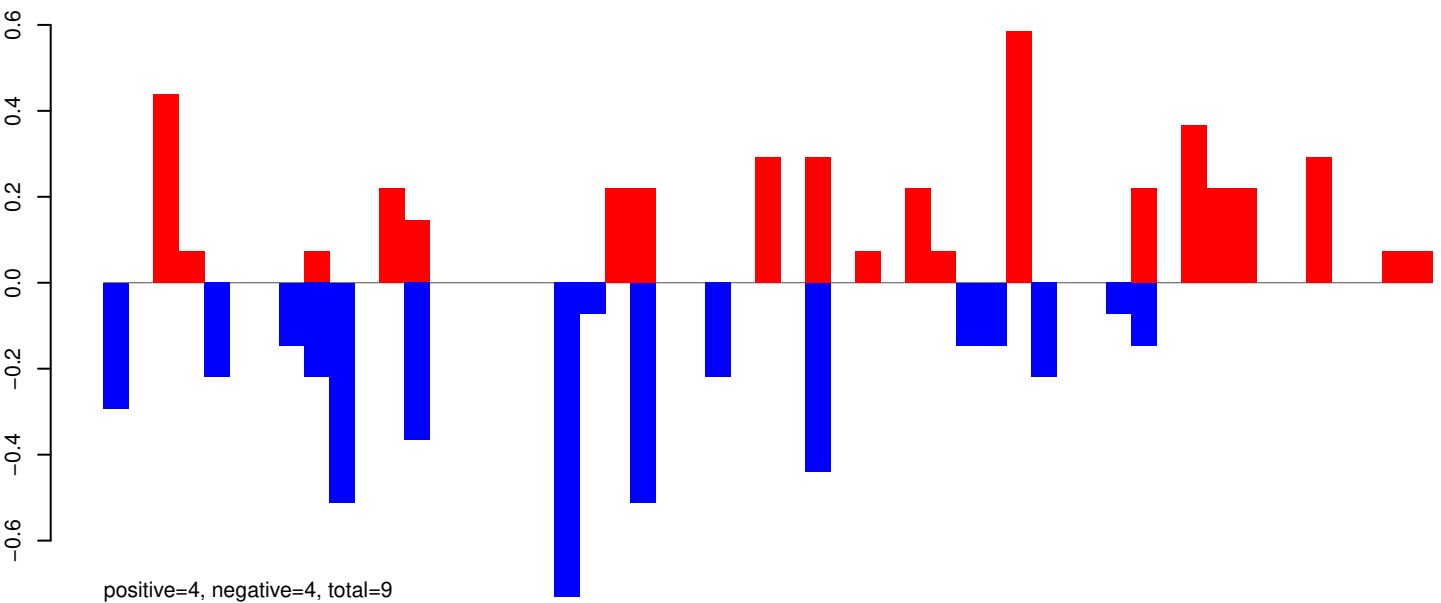
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



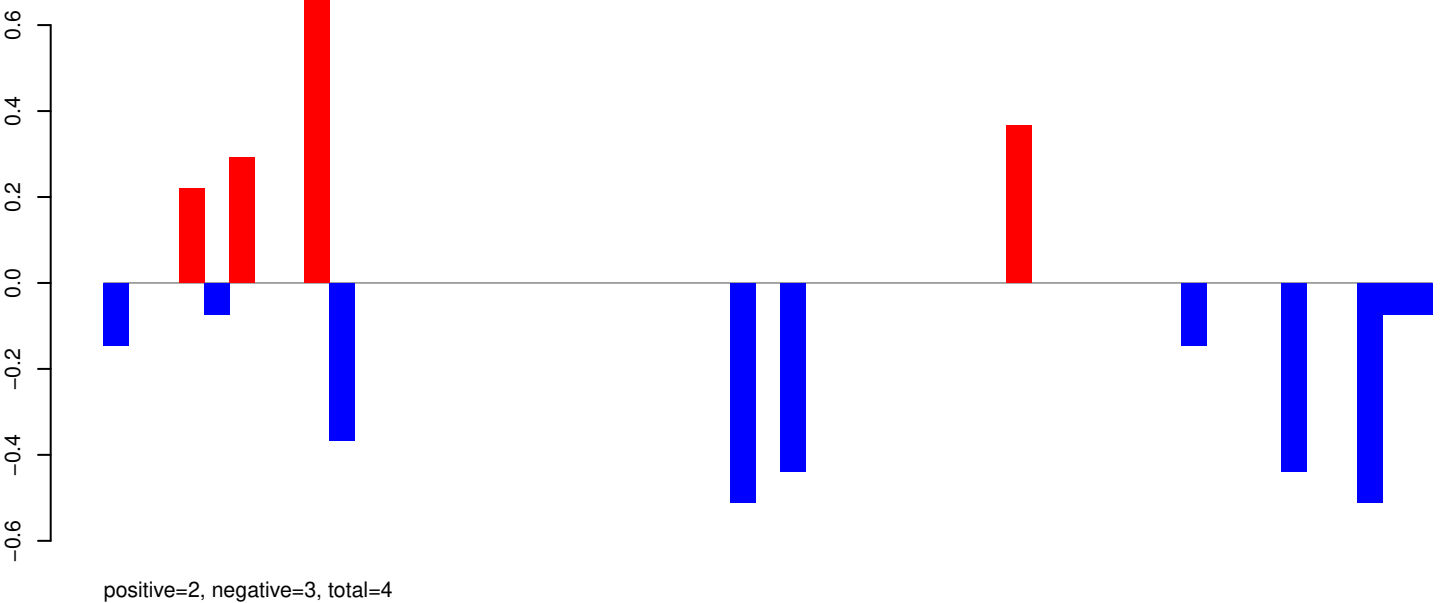
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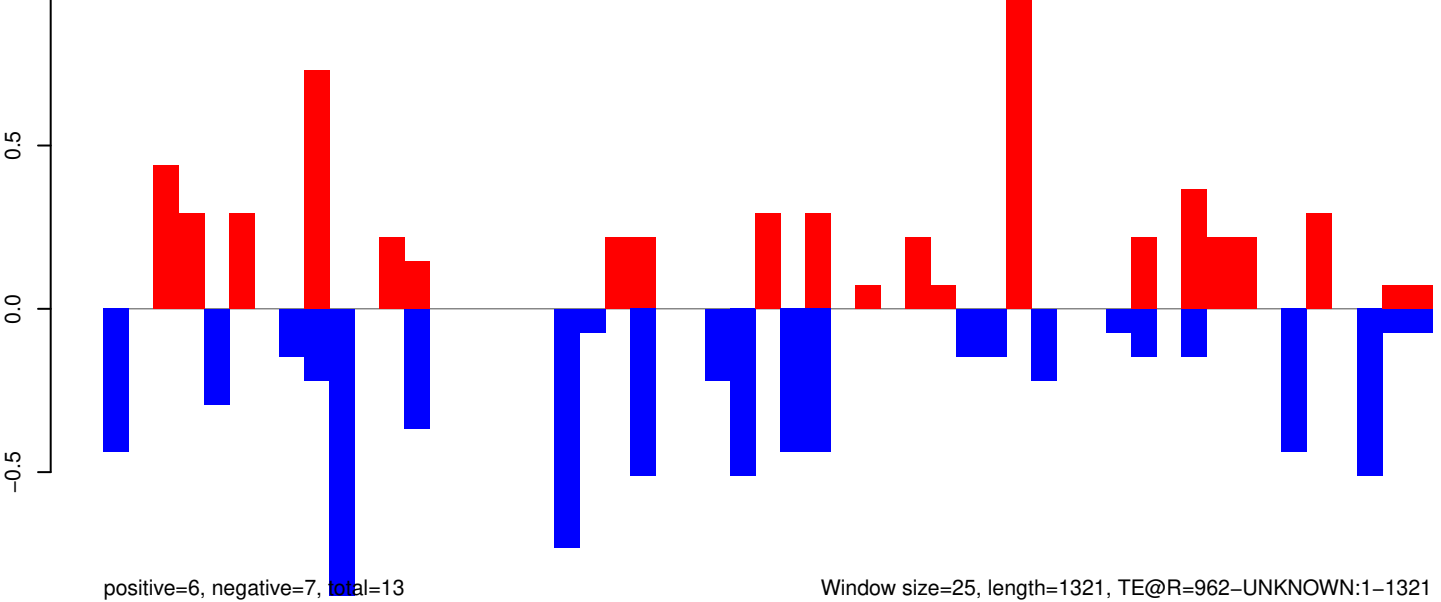
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

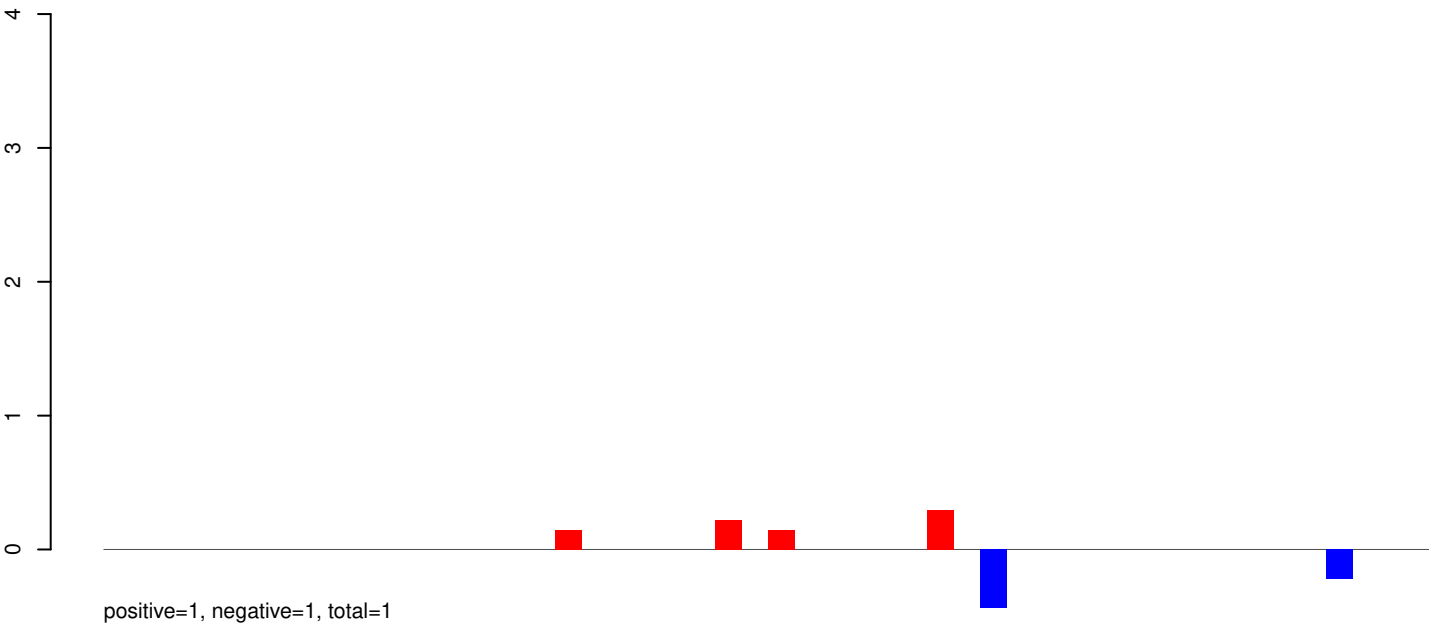


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

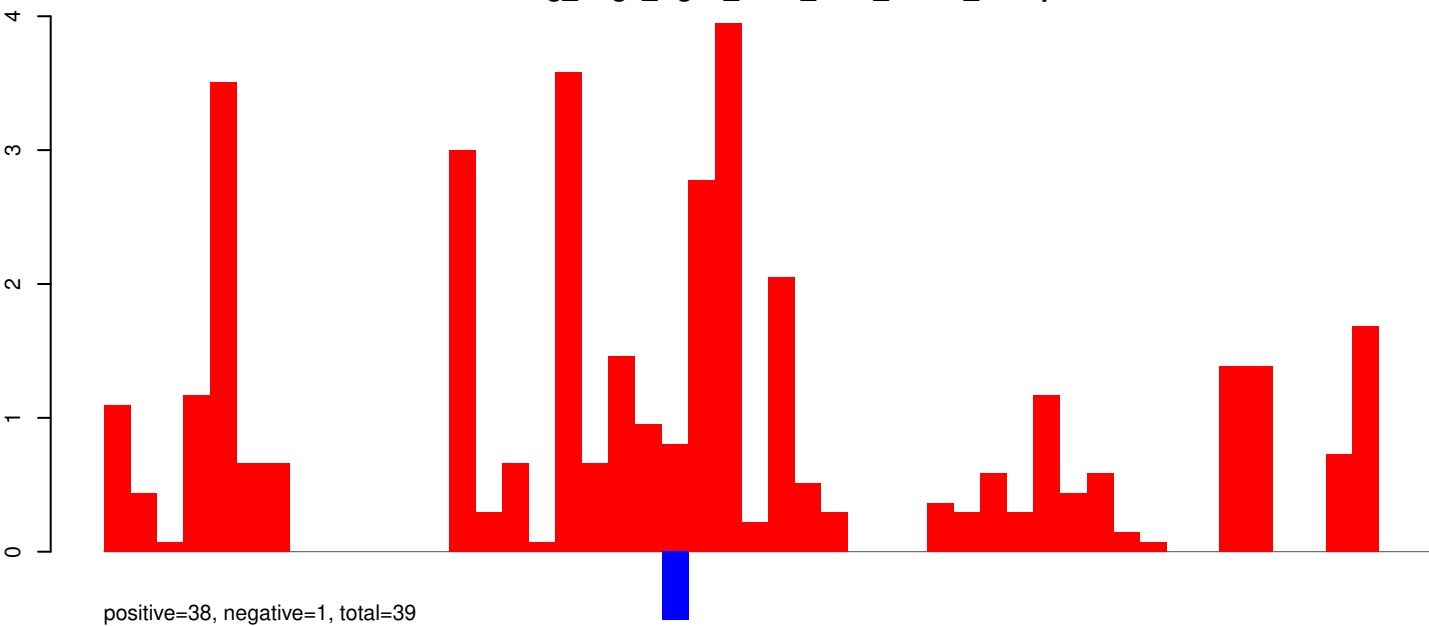


Window size=25, length=1321, TE@R=962-UNKNOWN:1-1321

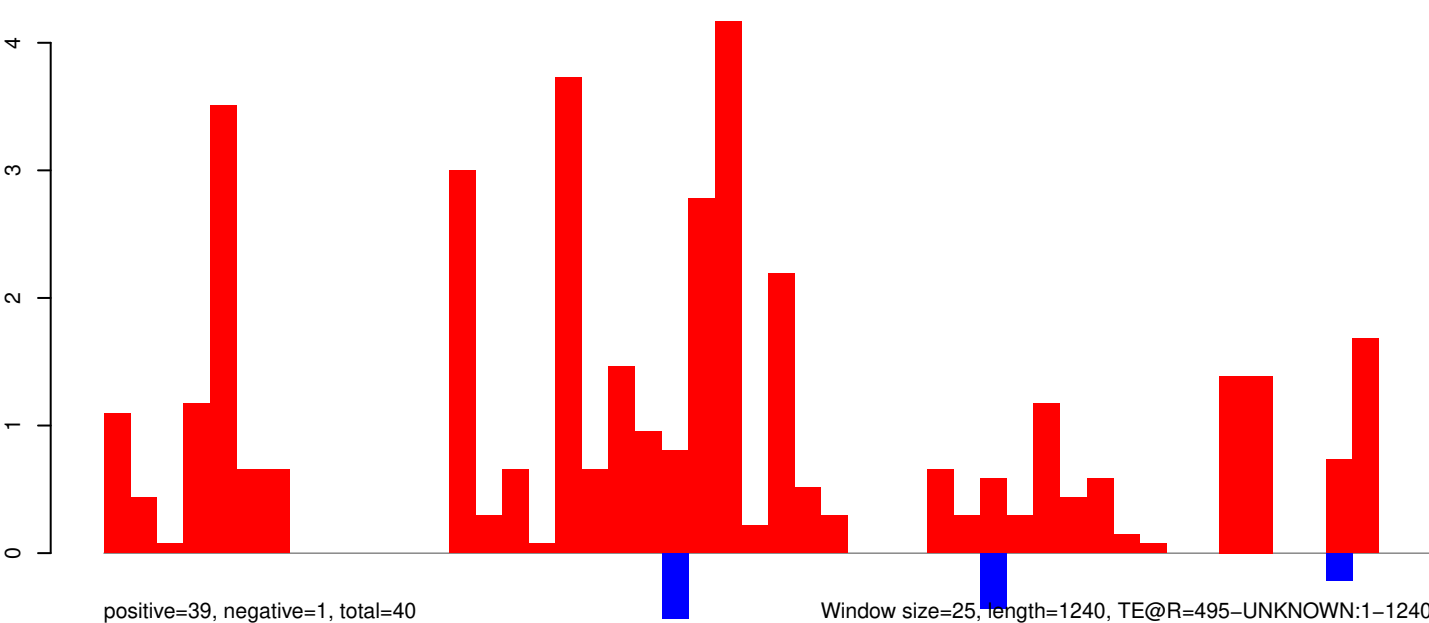
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

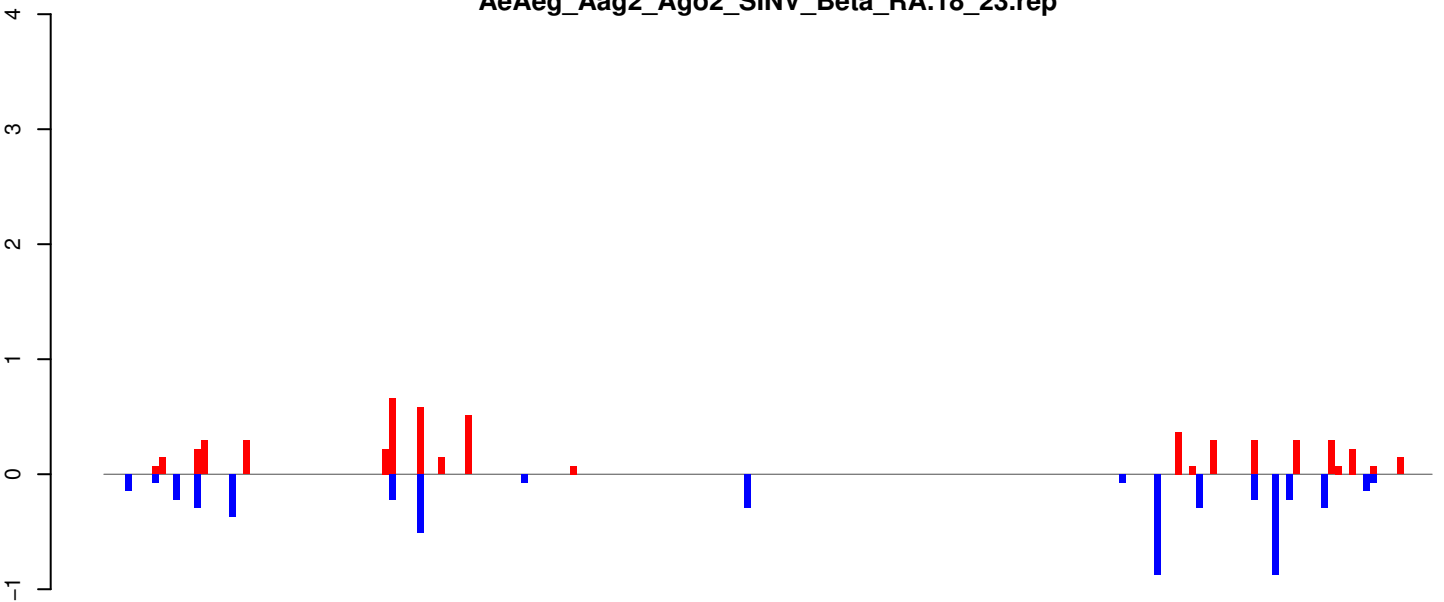


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



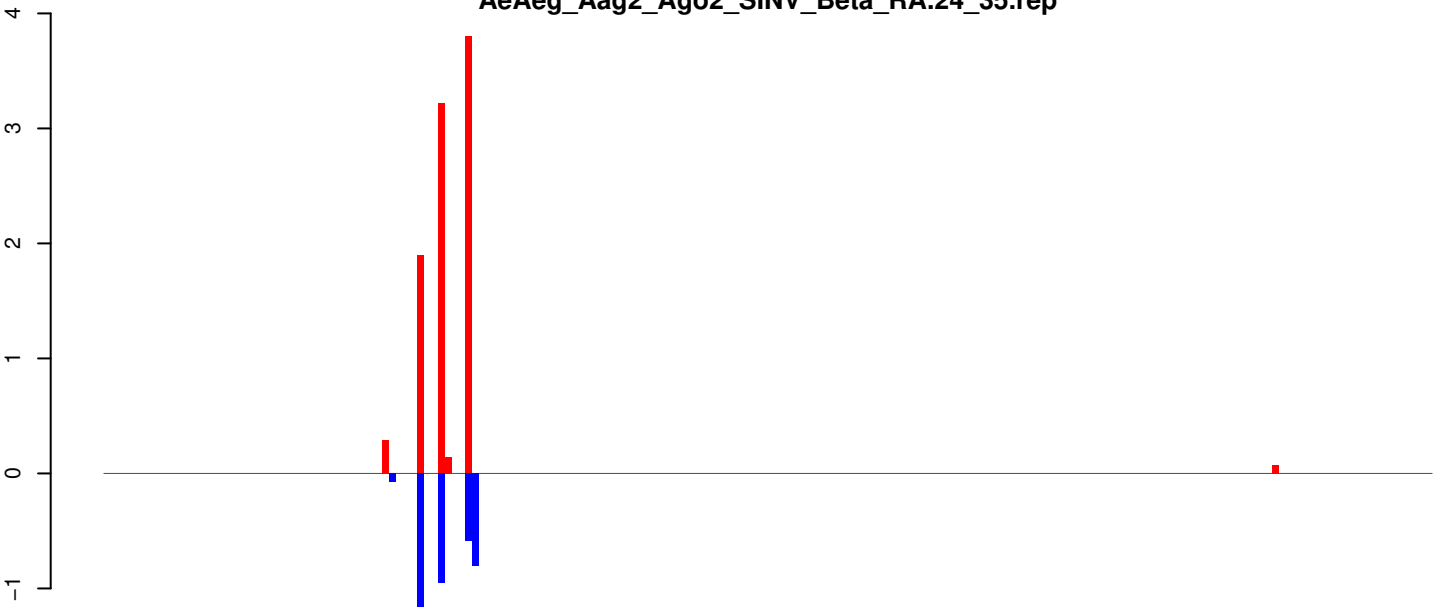
Window size=25, length=1240, TE@R=495-UNKNOWN:1-1240

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



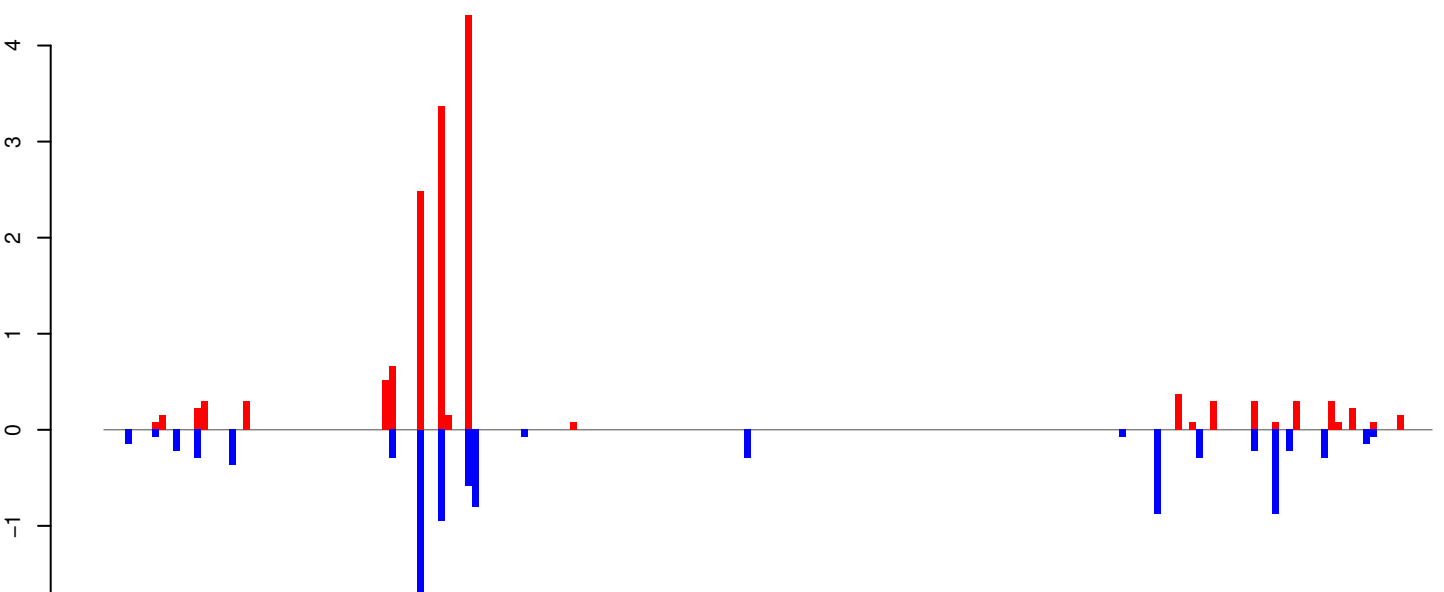
positive=5, negative=5, total=11

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=9, negative=4, total=13

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

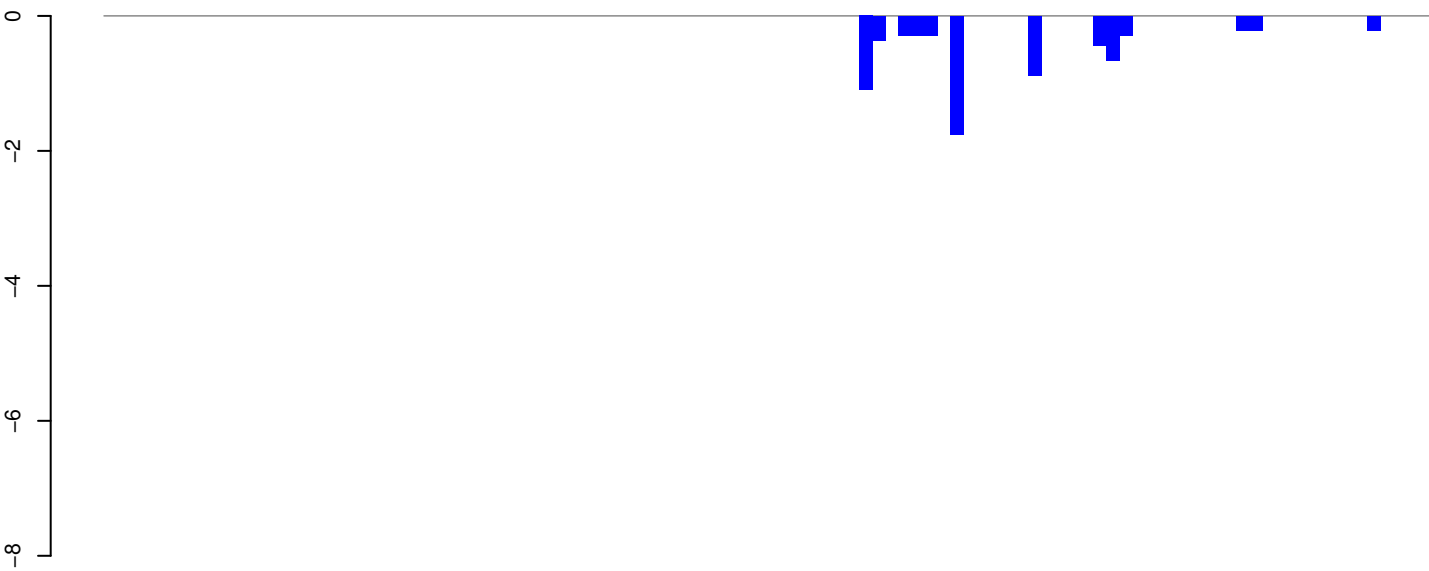


positive=15, negative=9, total=24

Window size=25, length=4771, TE@DNA-2\_AAe:1-4771

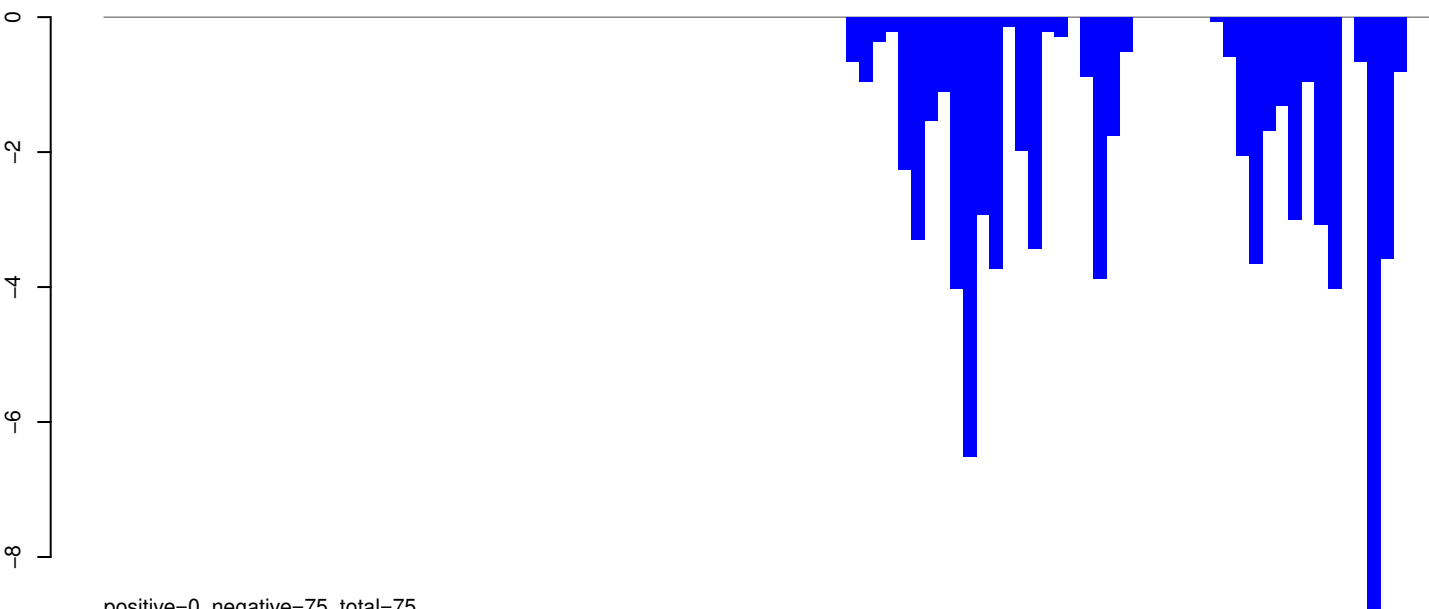
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



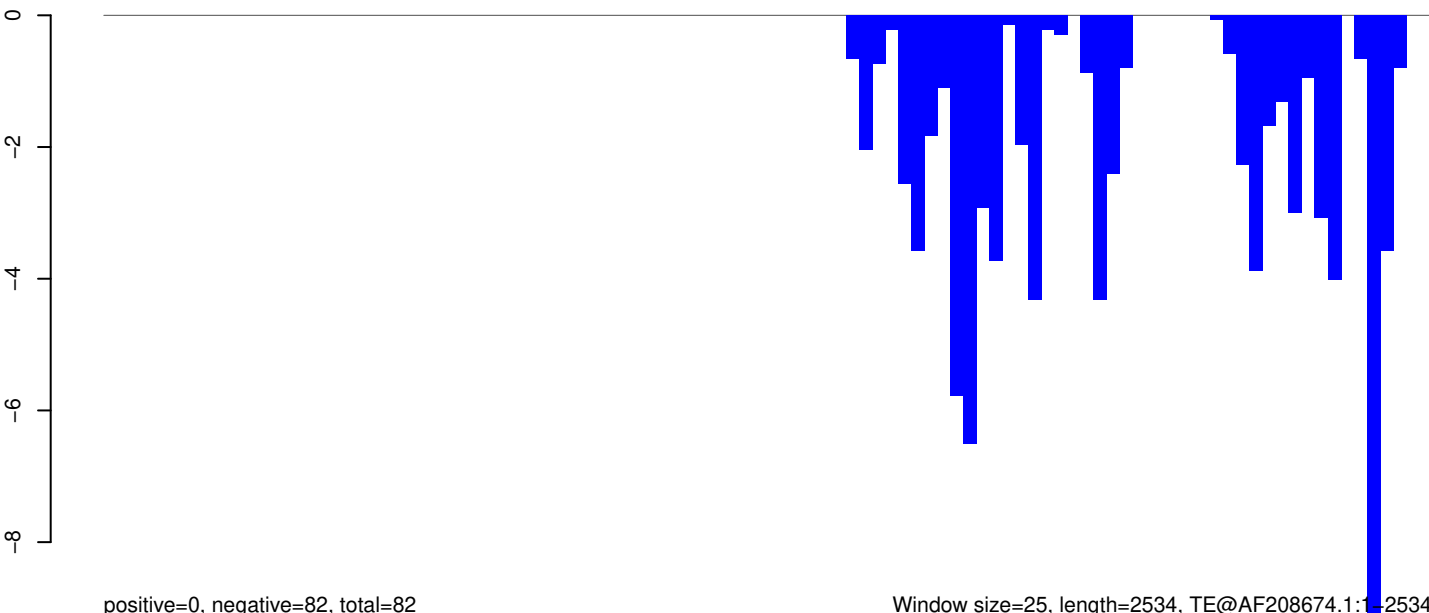
positive=0, negative=7, total=7

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=75, total=75

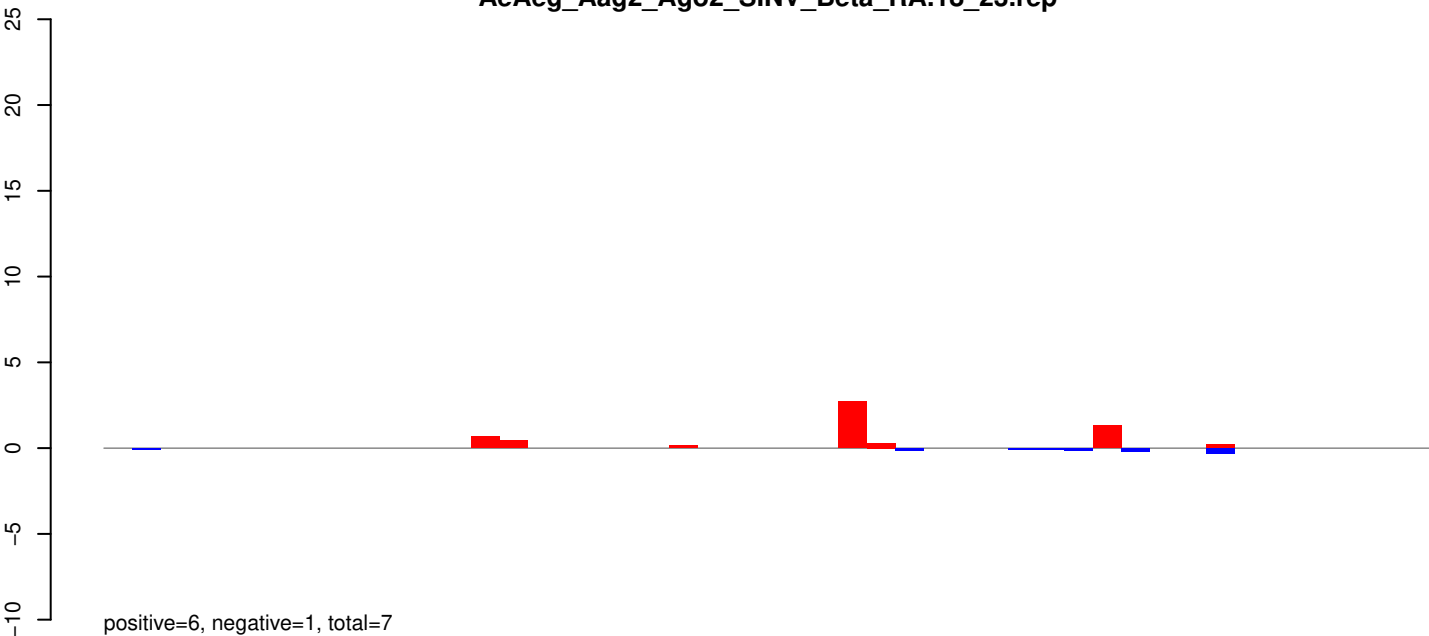
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



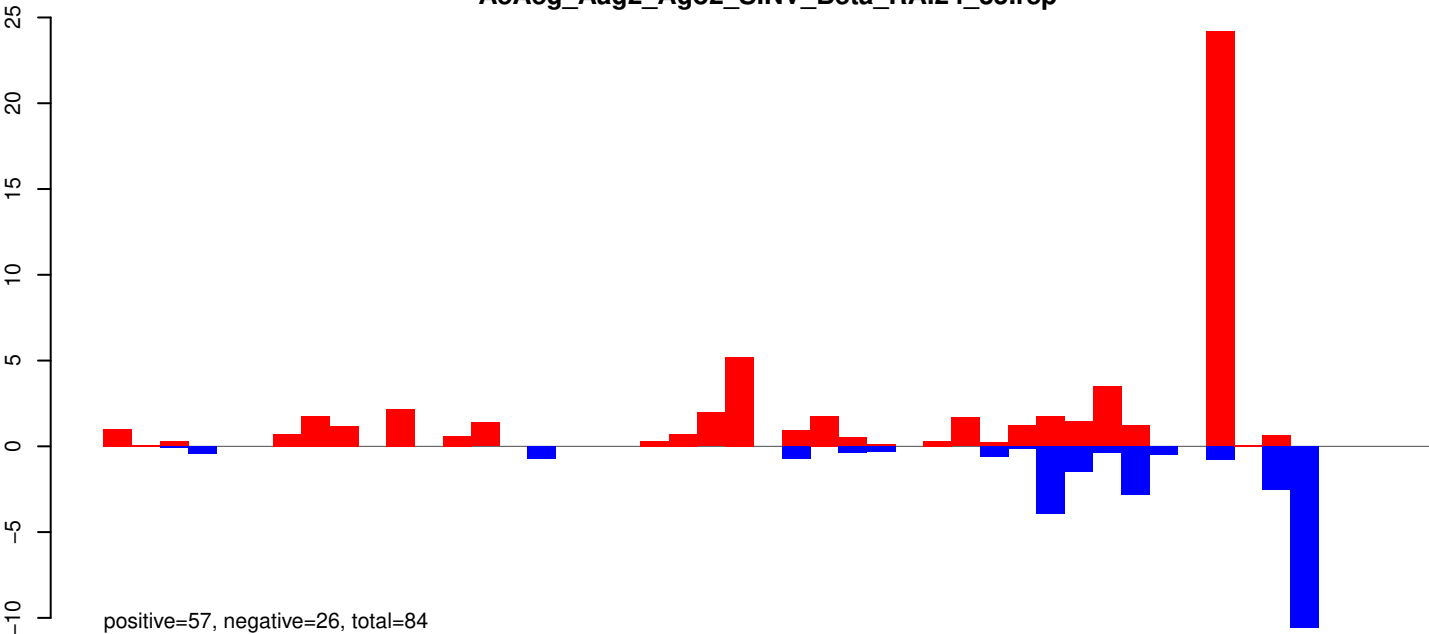
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Window size=25, length=2534, TE@AF208674.1:1-2534

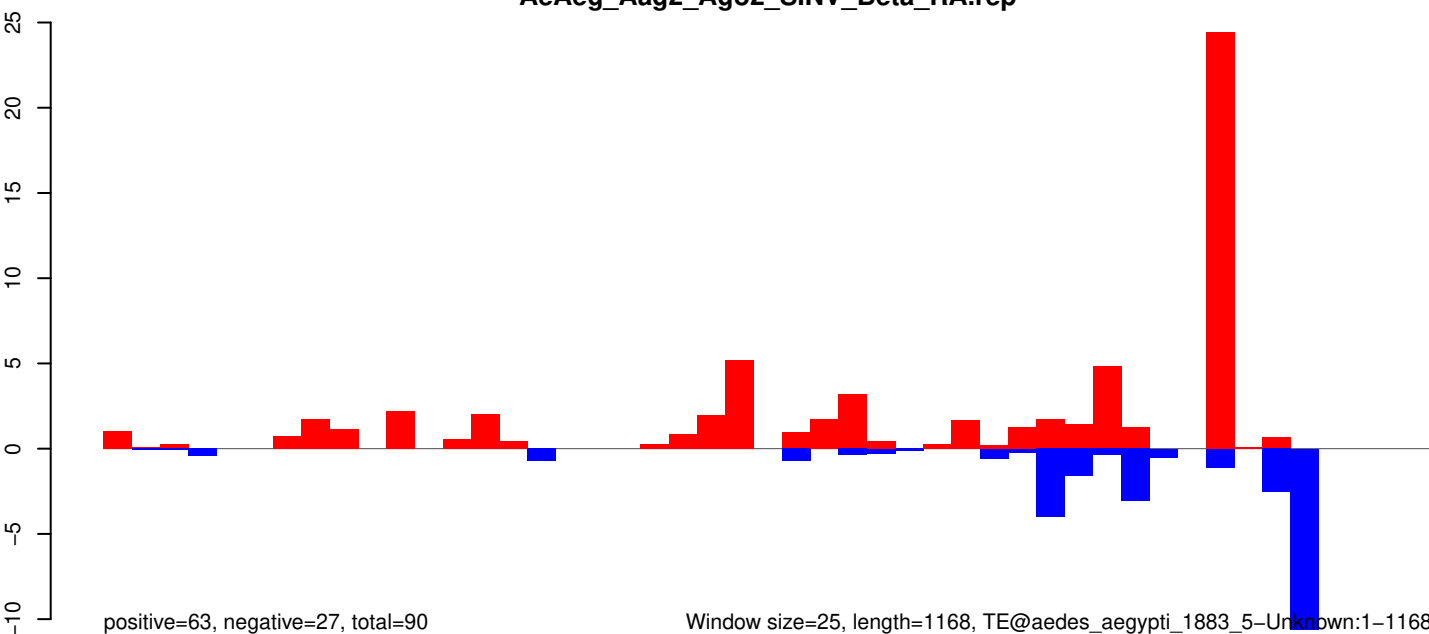
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



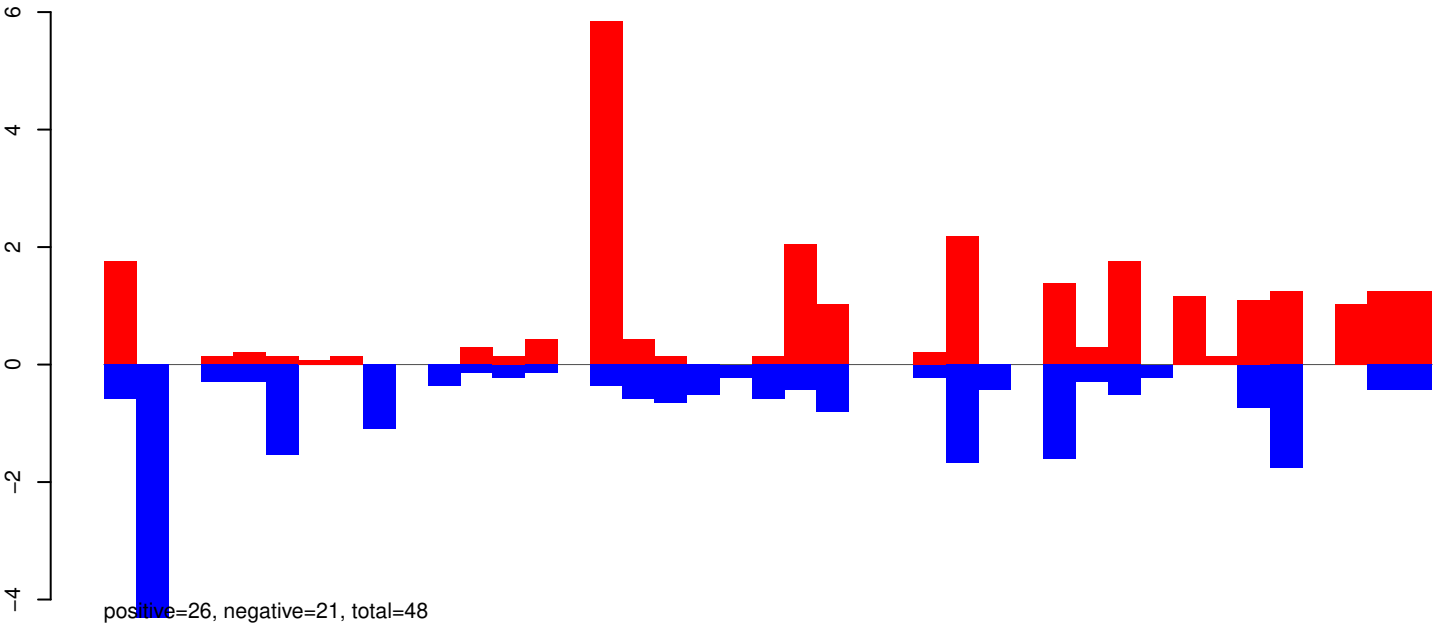
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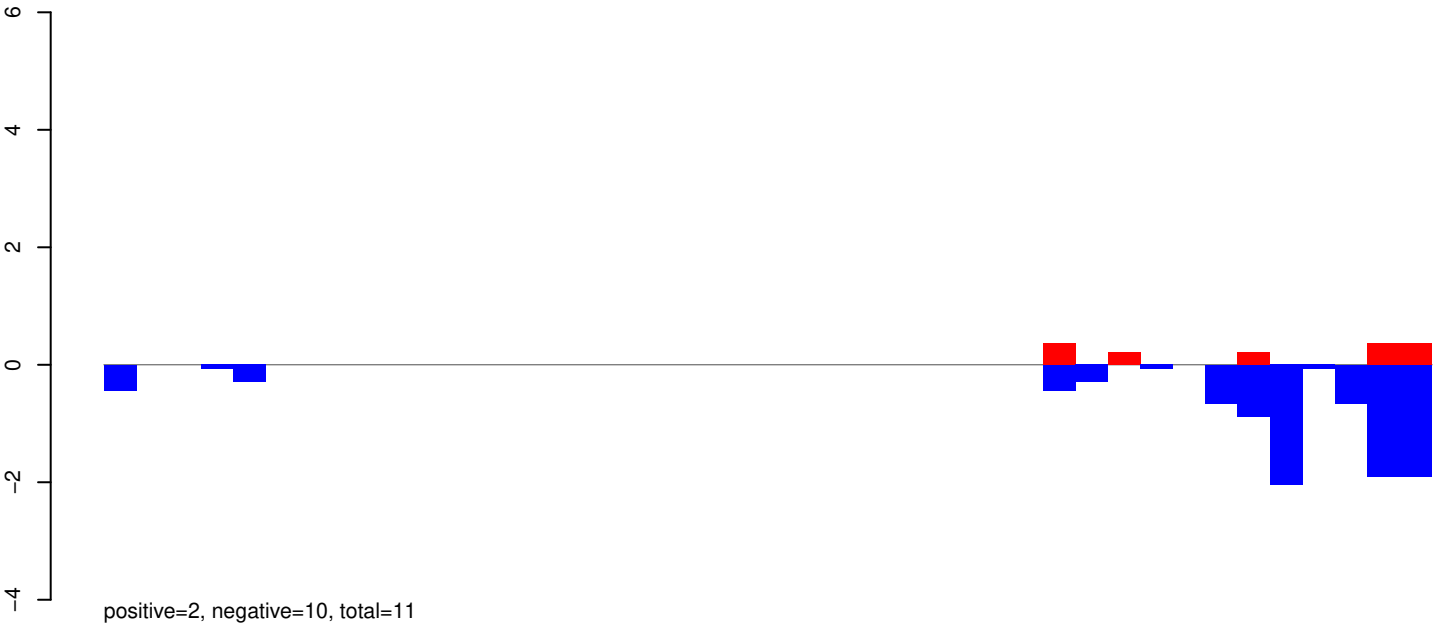
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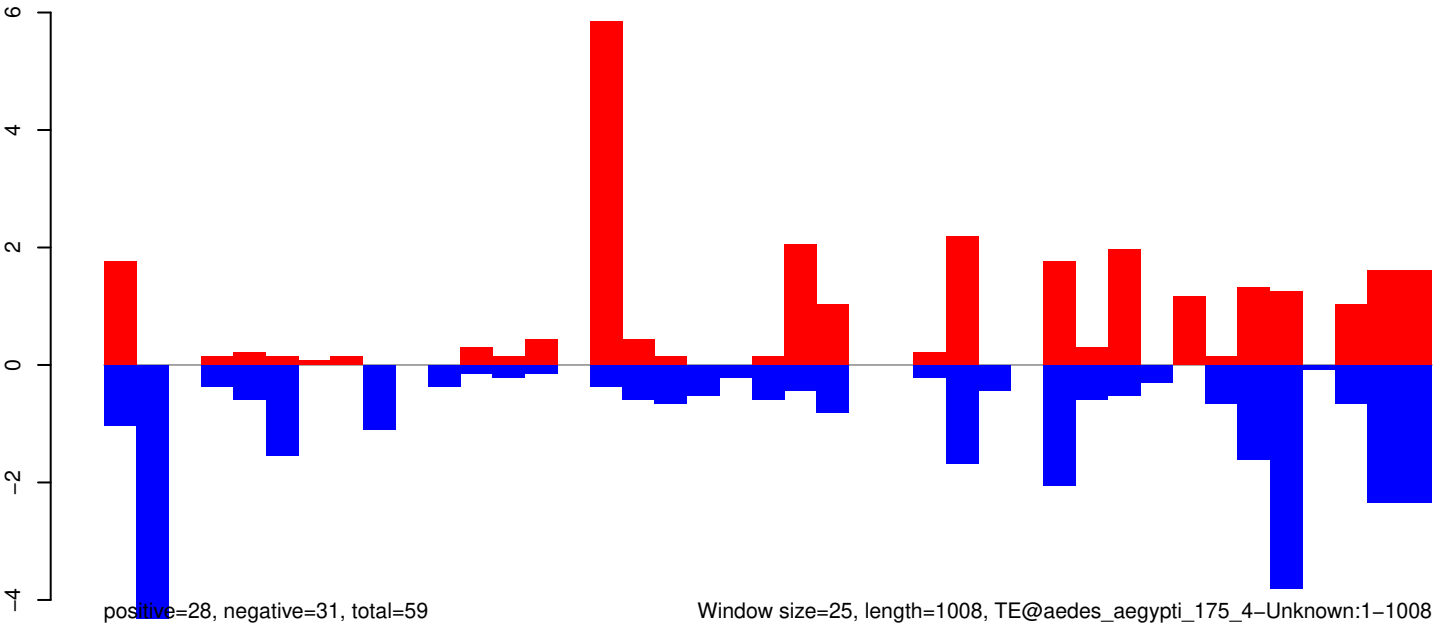
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

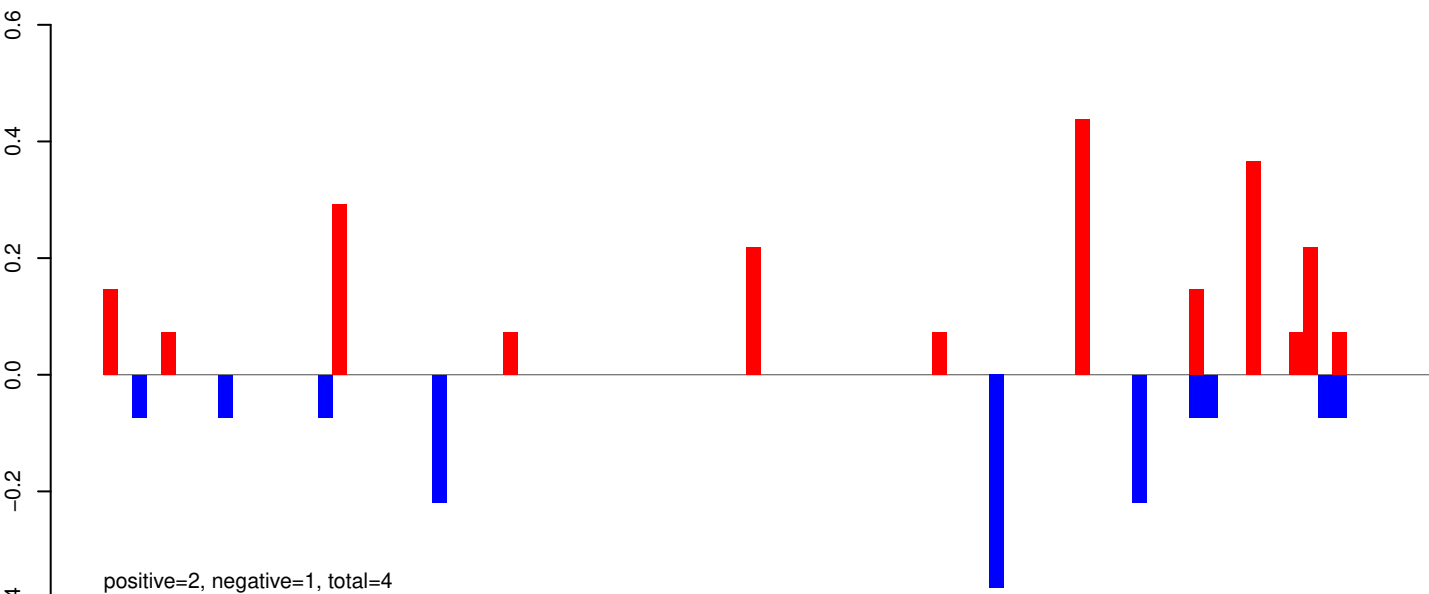


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

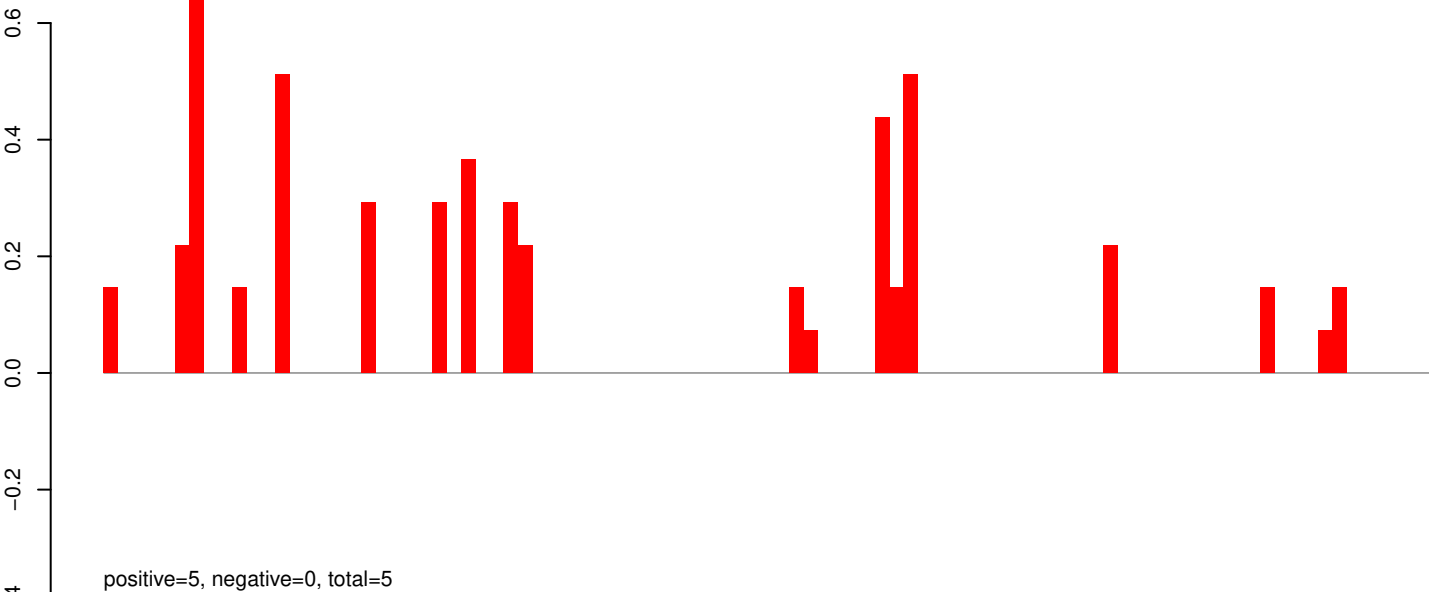


Window size=25, length=1008, TE@aedes\_aegypti\_175\_4-Unknown:1-1008

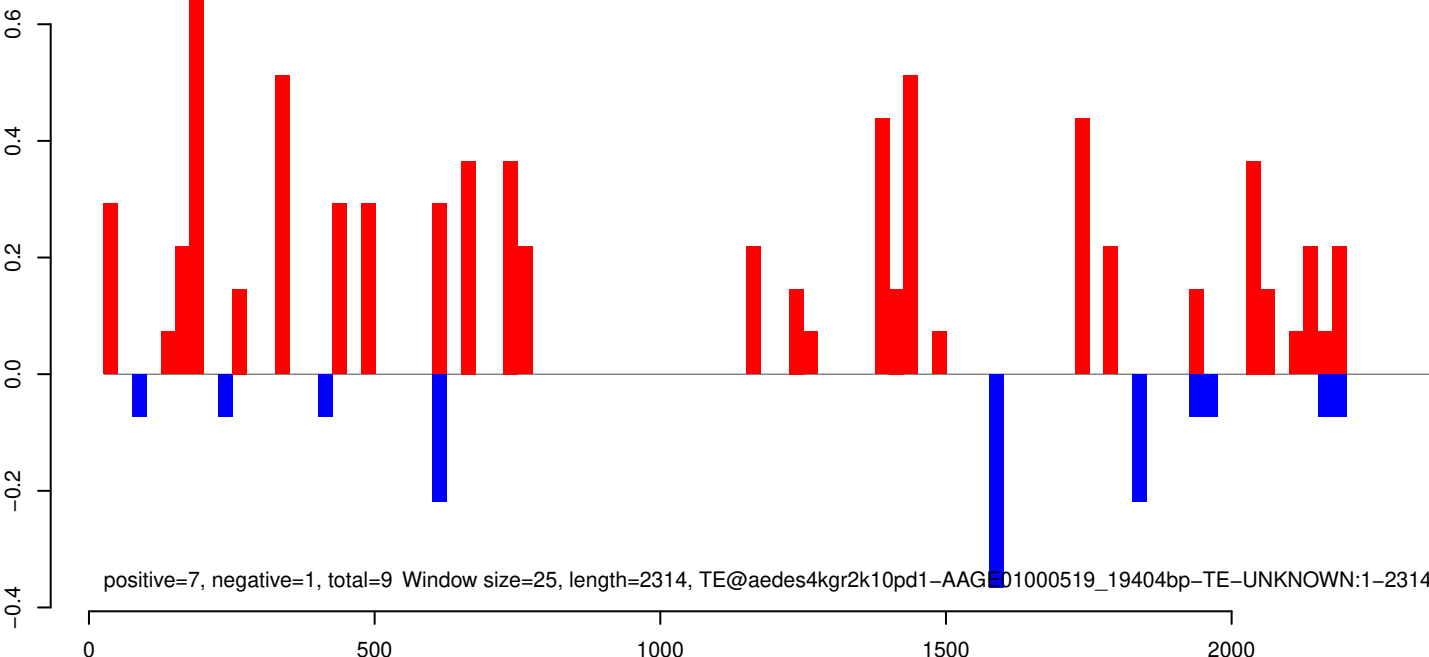
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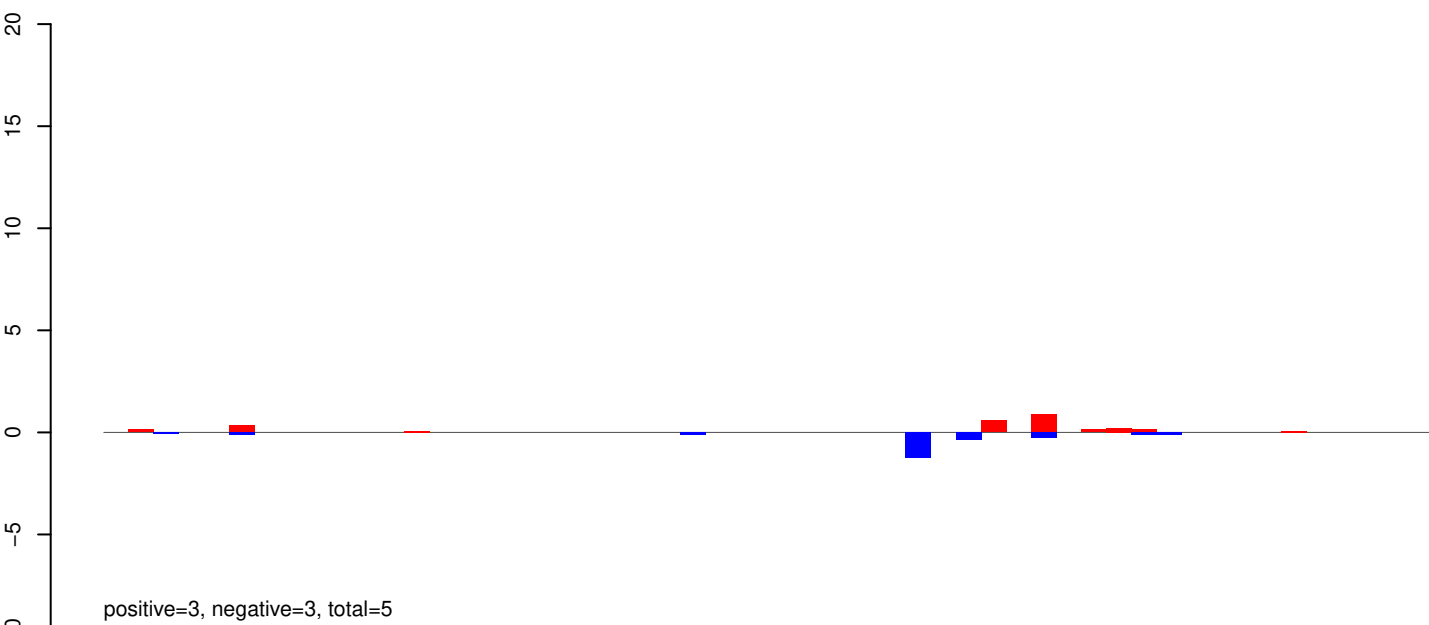
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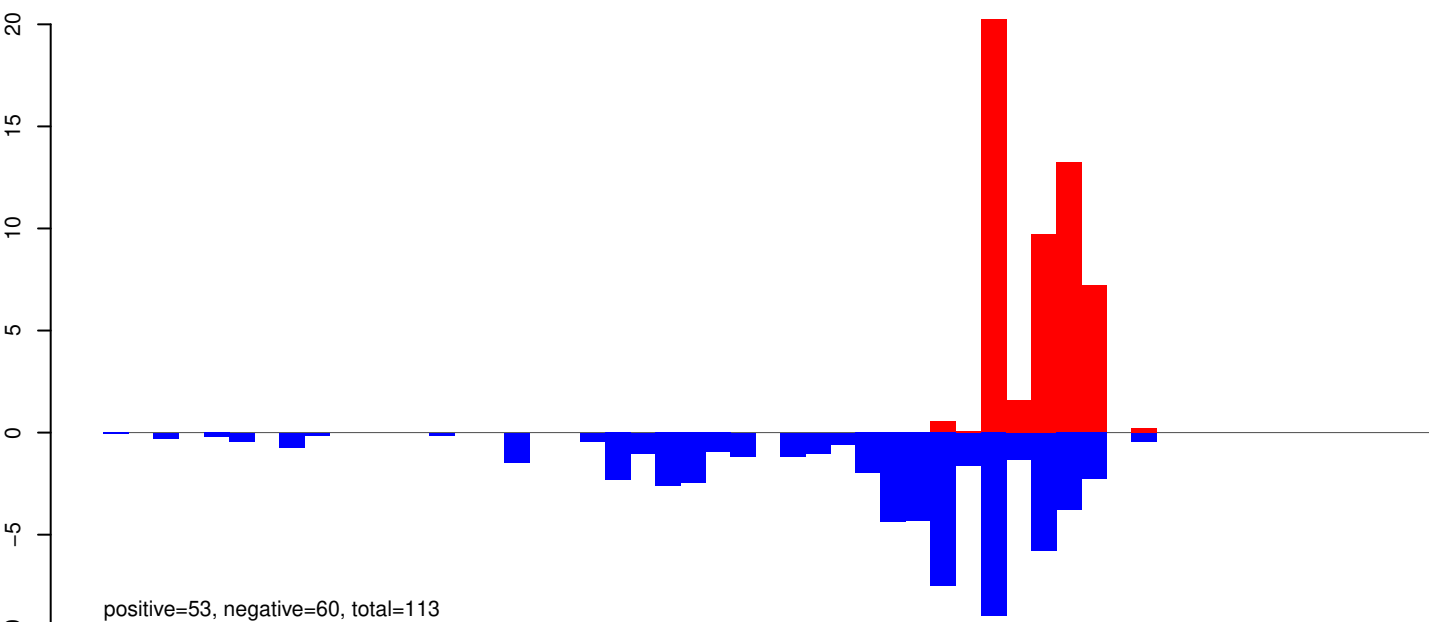
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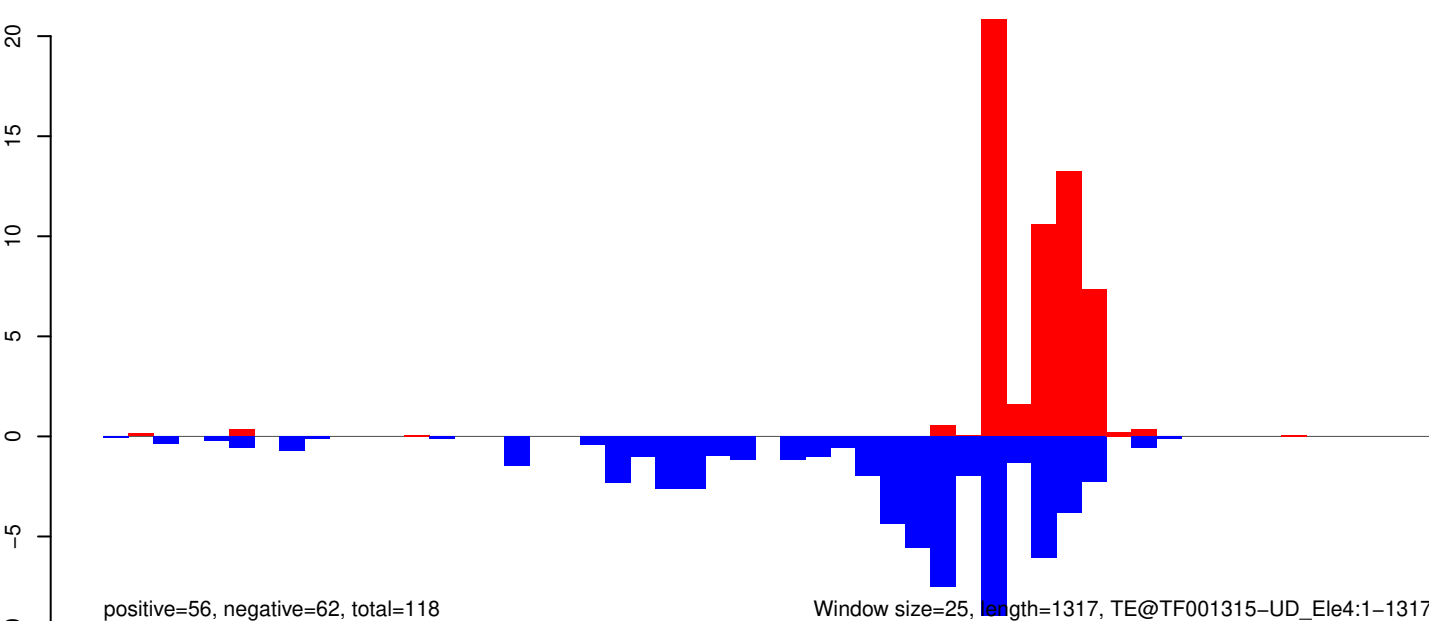
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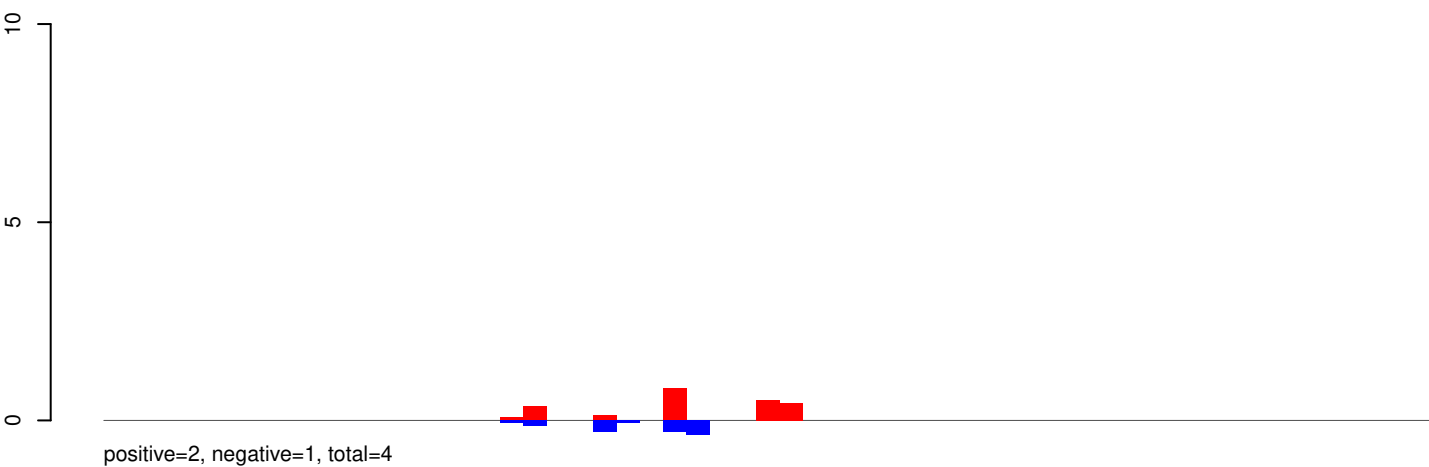
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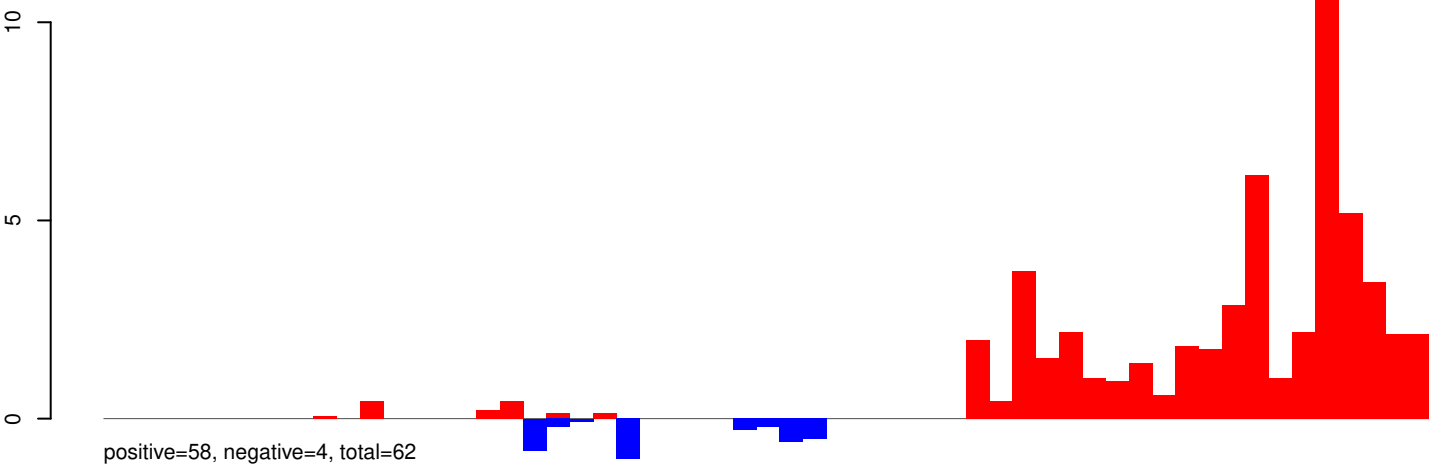
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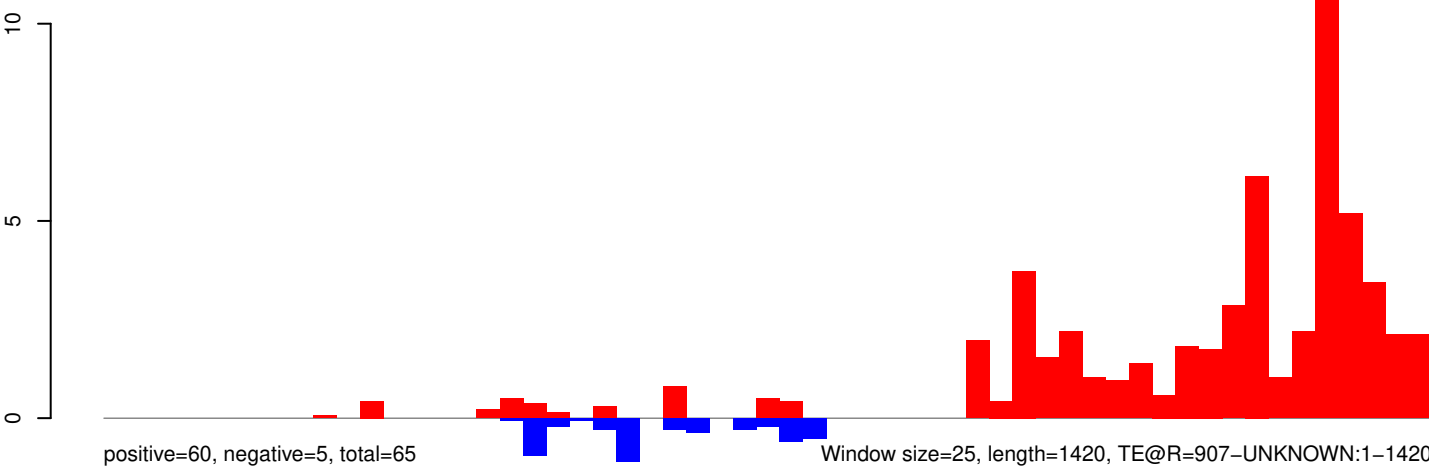
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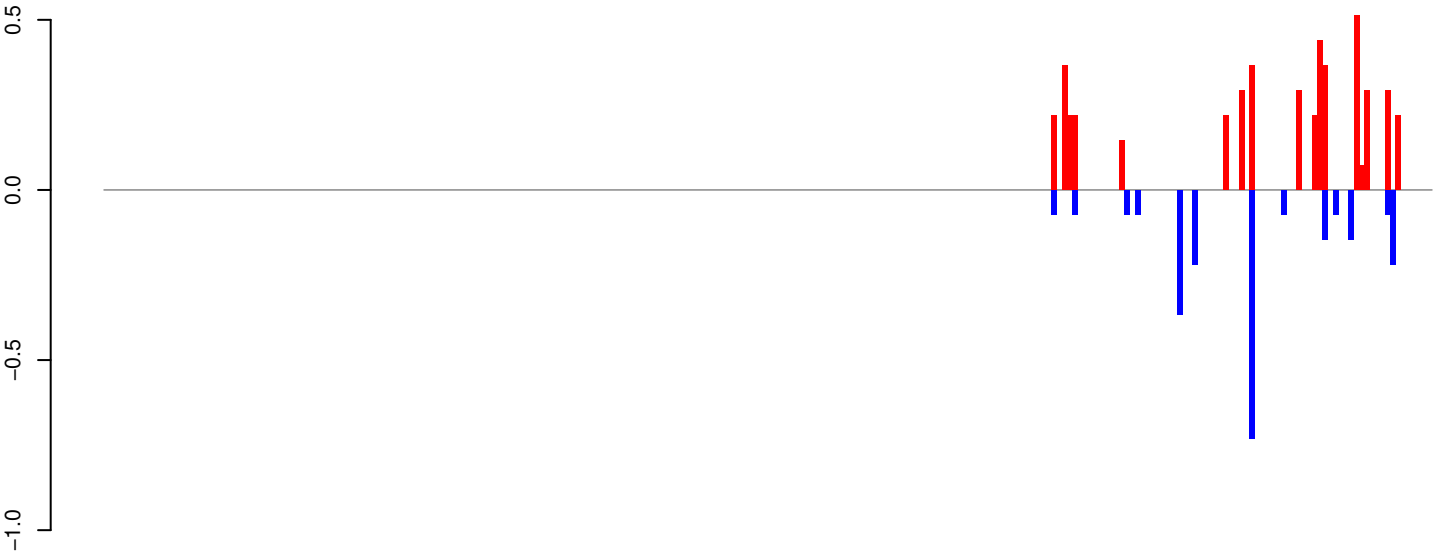
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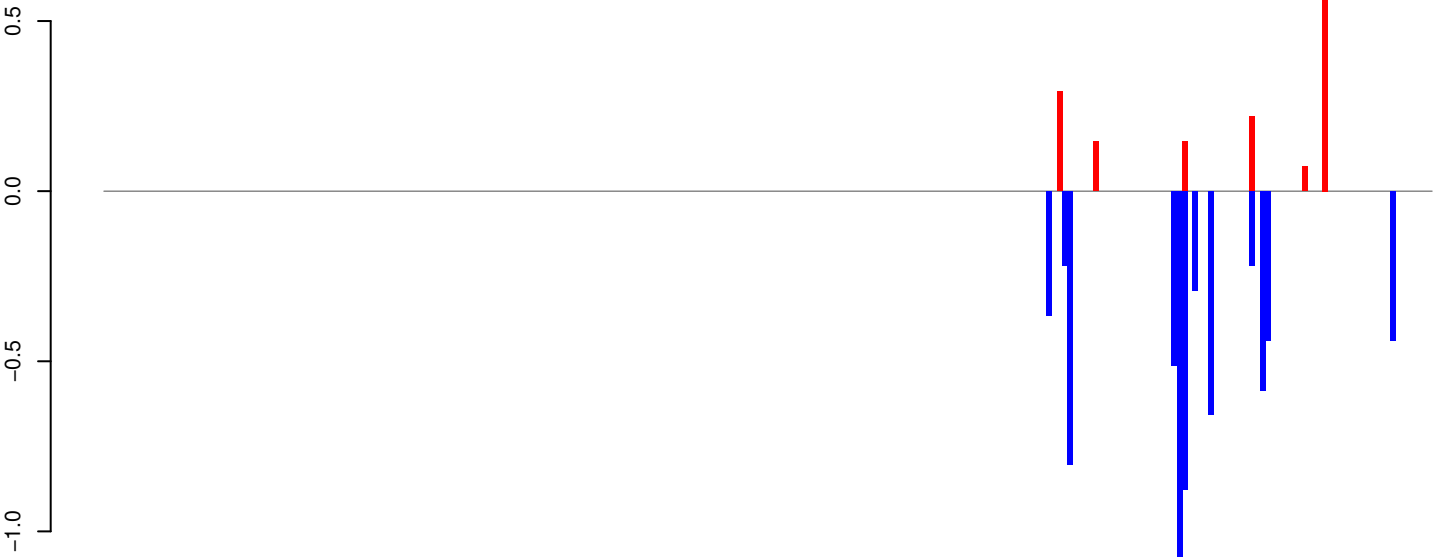
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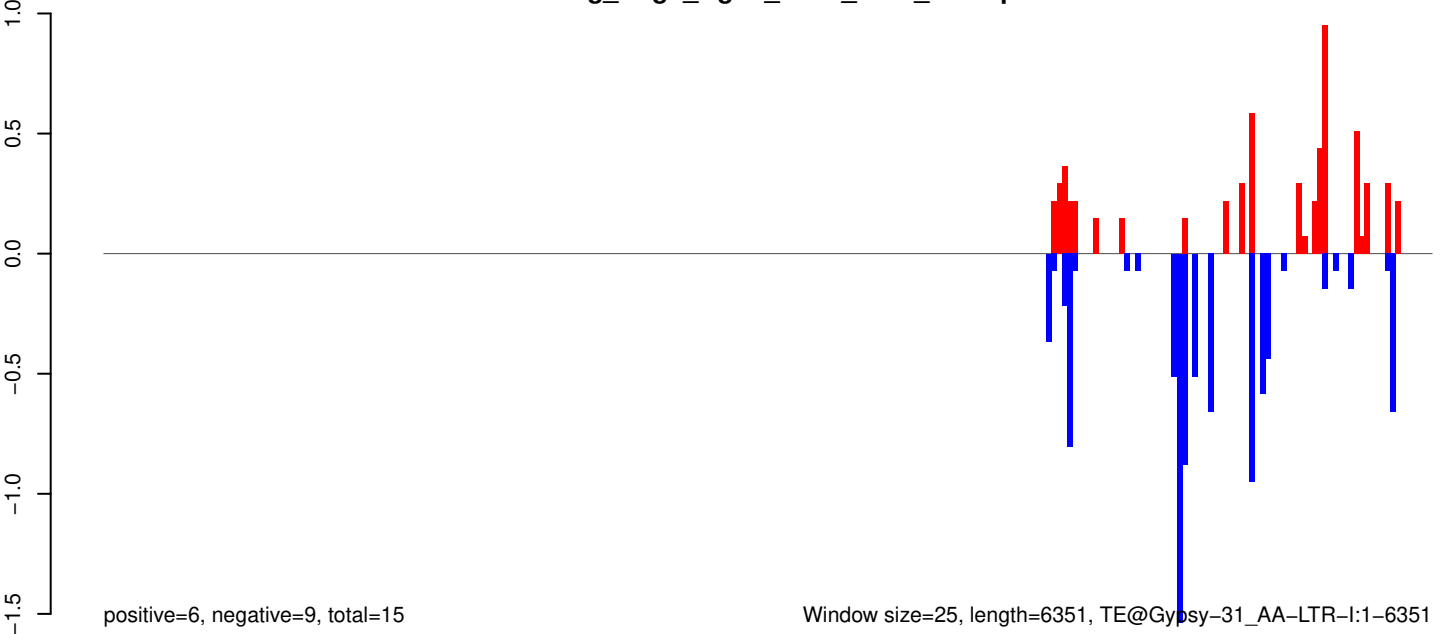
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



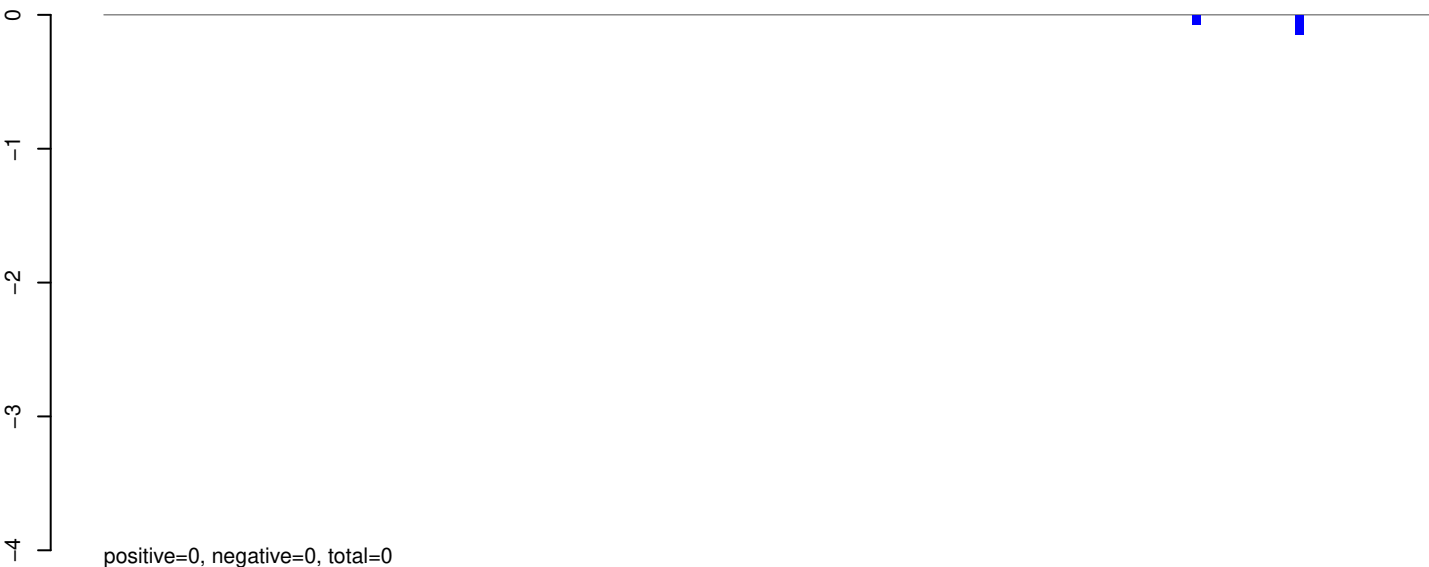
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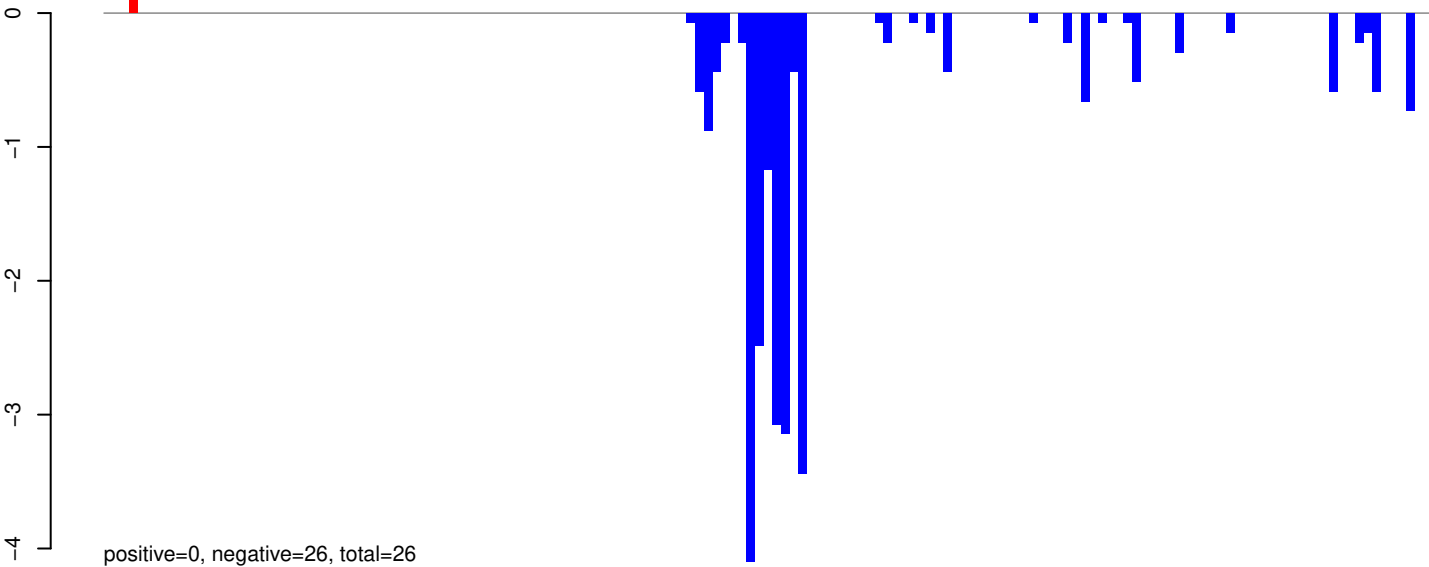
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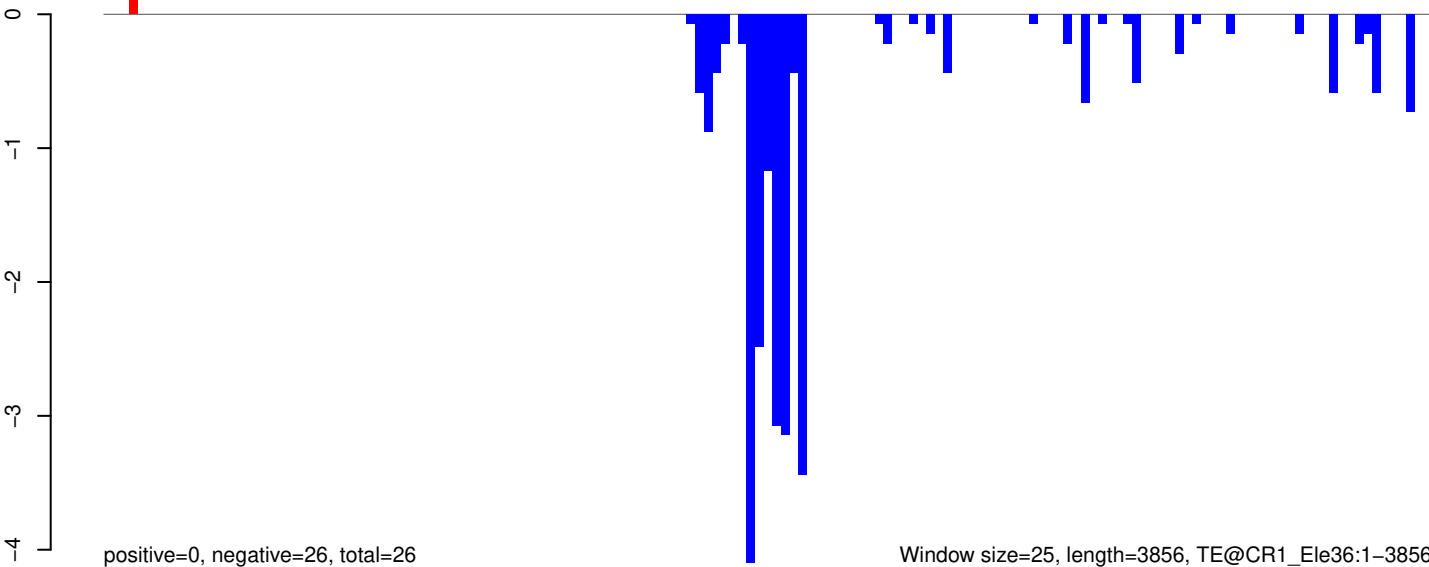
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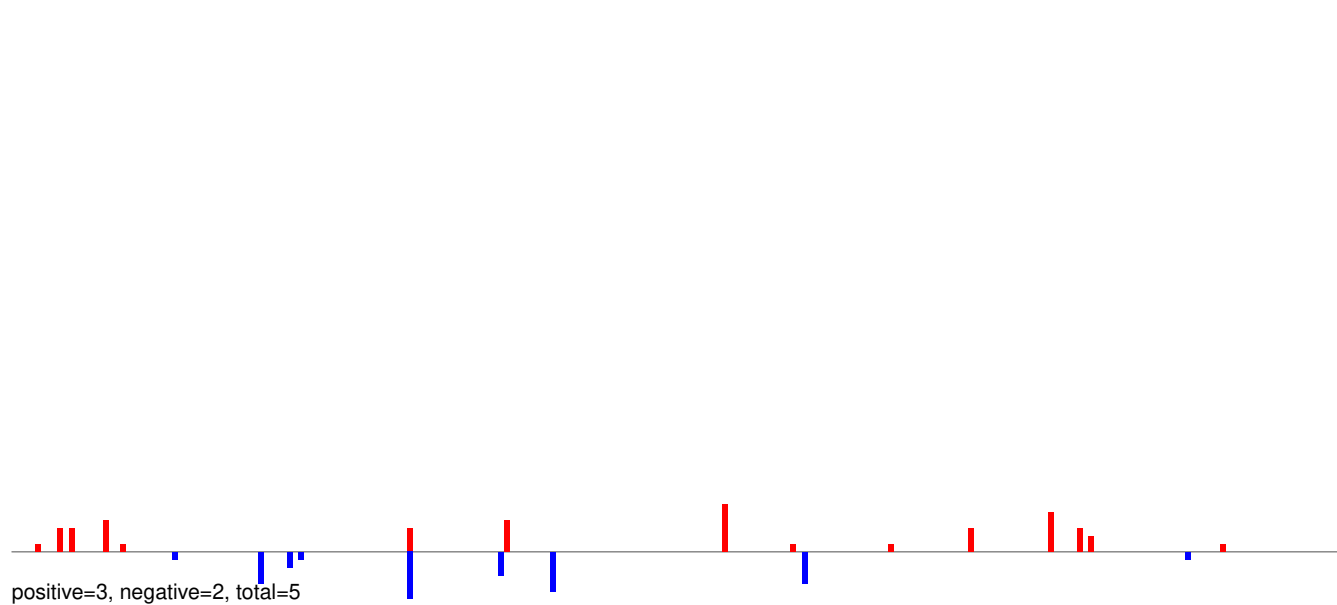
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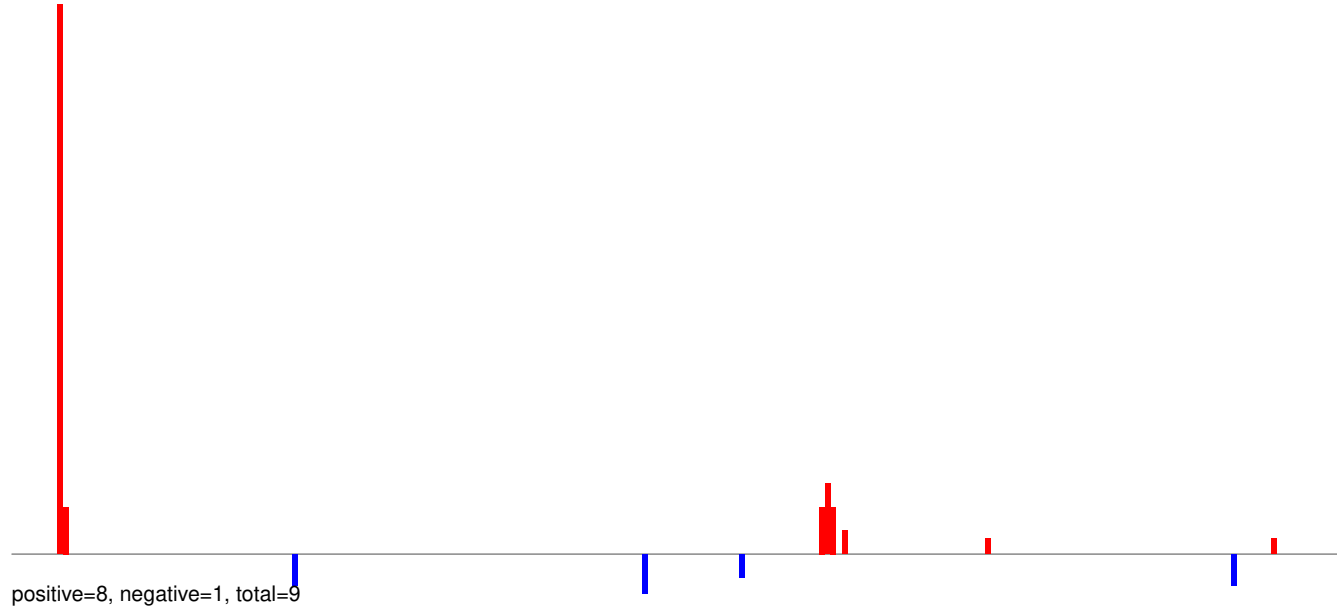
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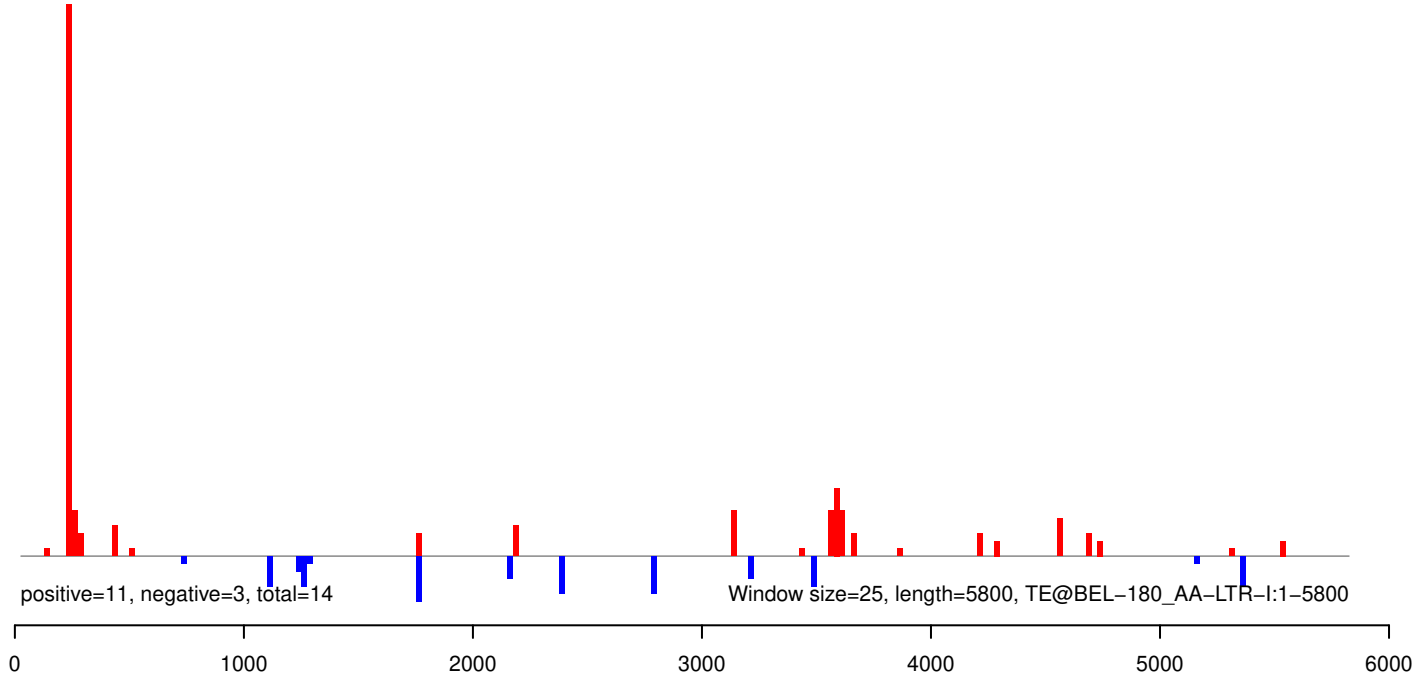
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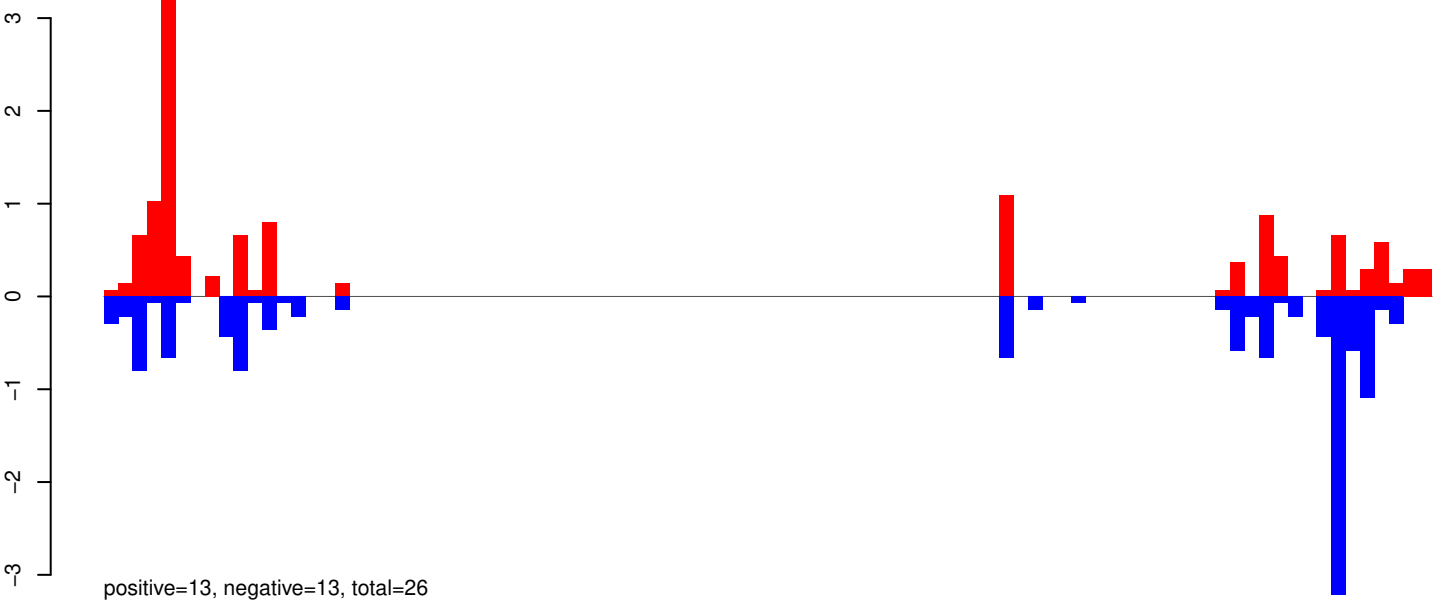
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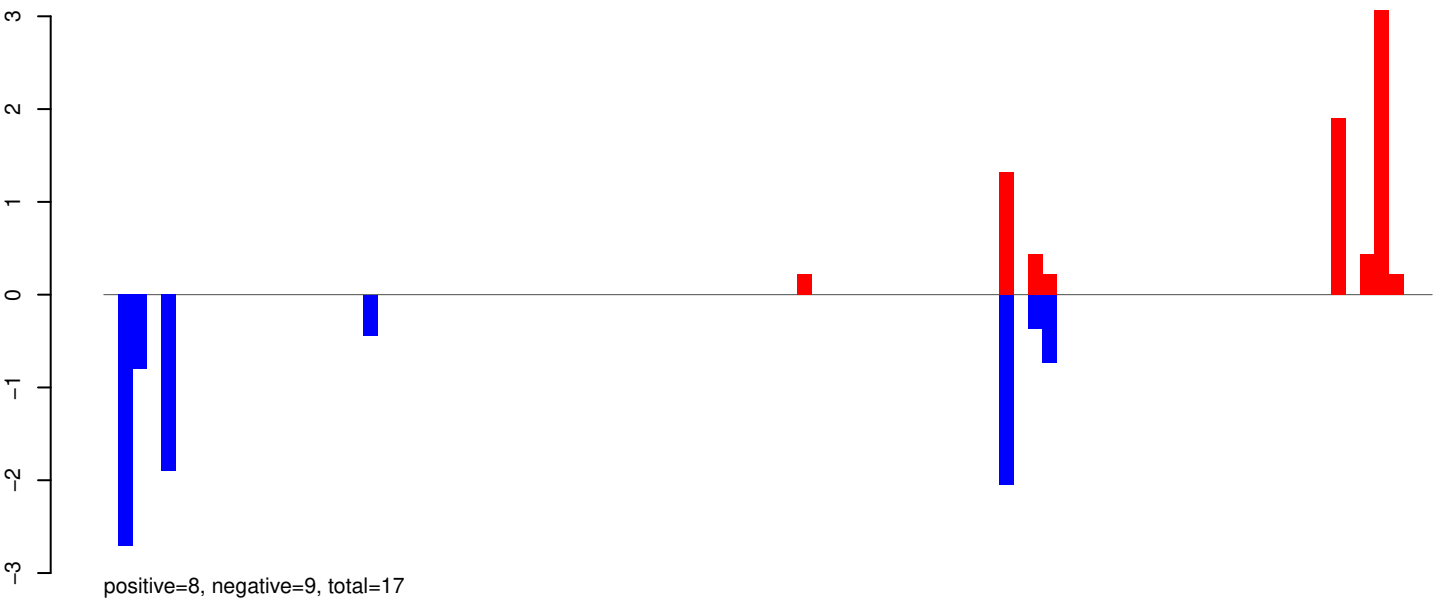
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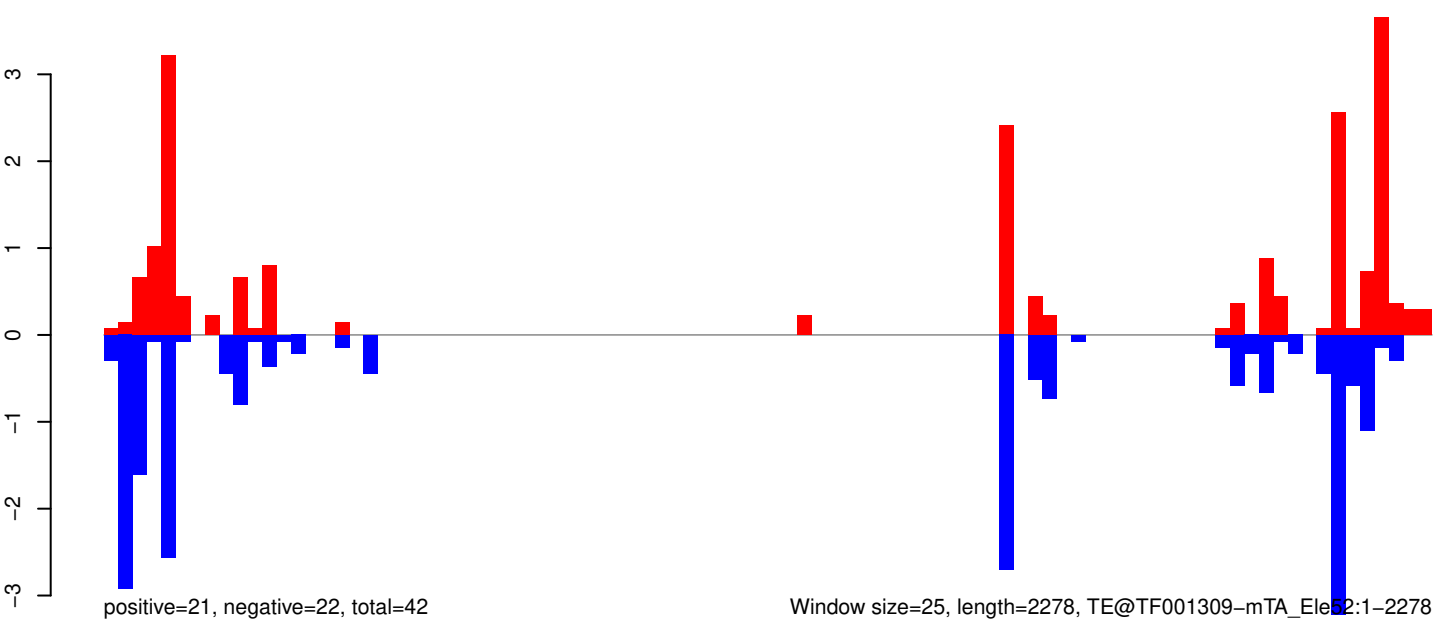
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



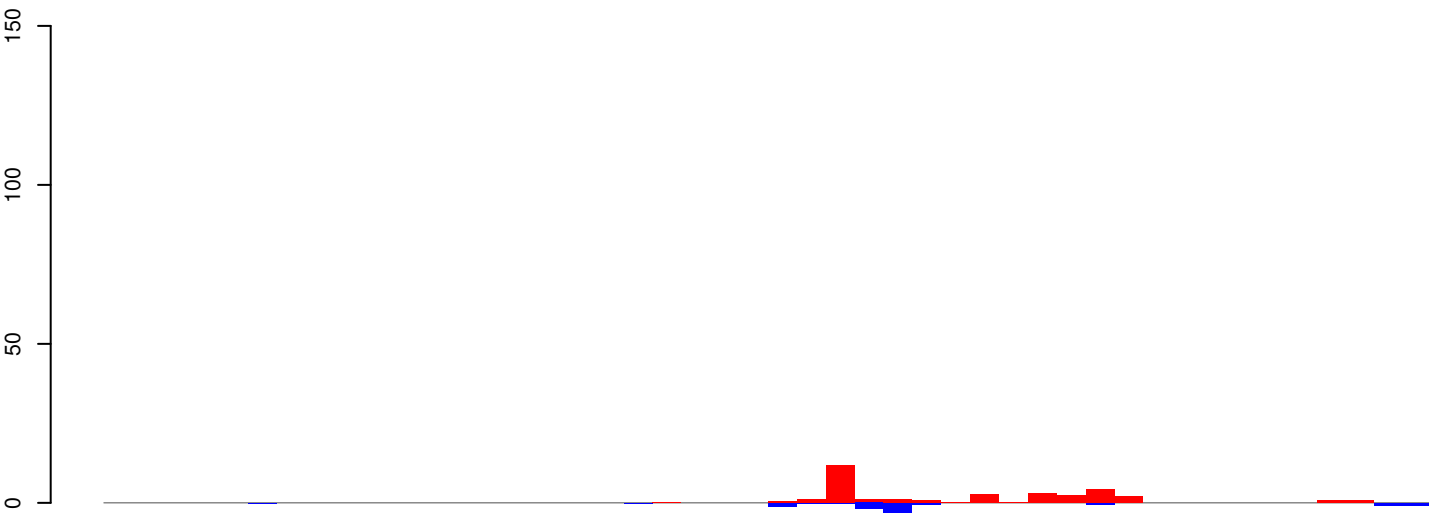
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=2278, TE@TF001309-mTA\_Ele52:1-2278

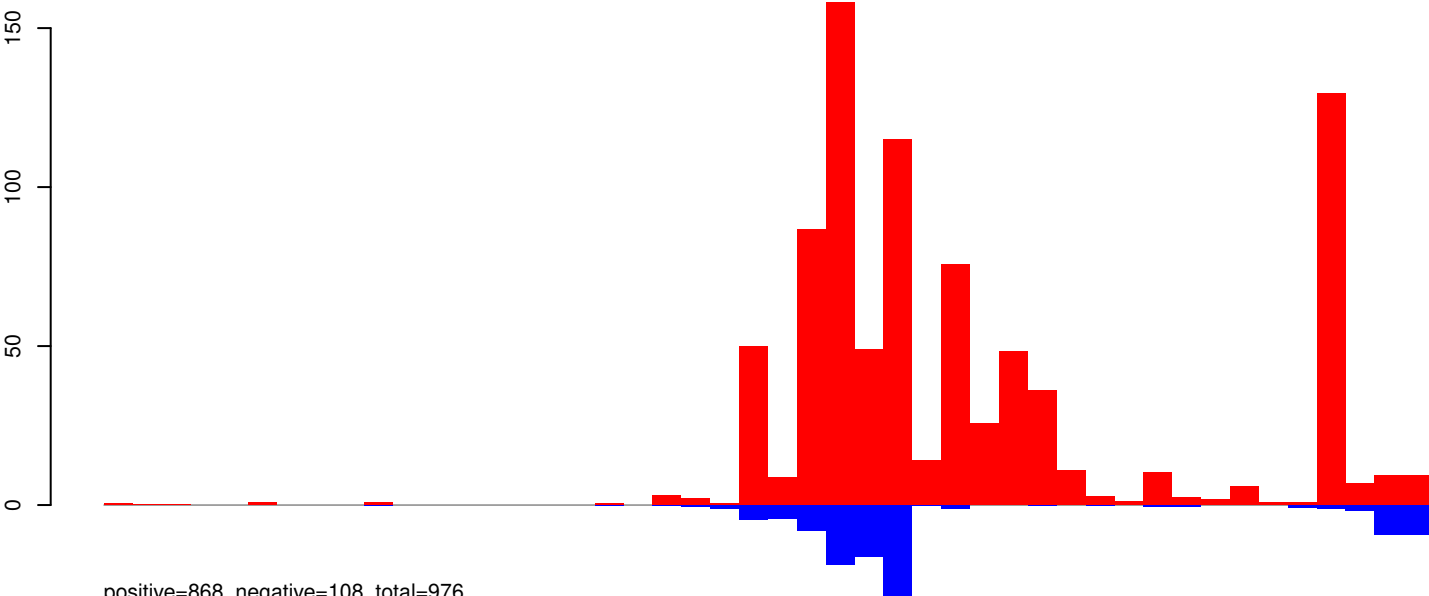


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



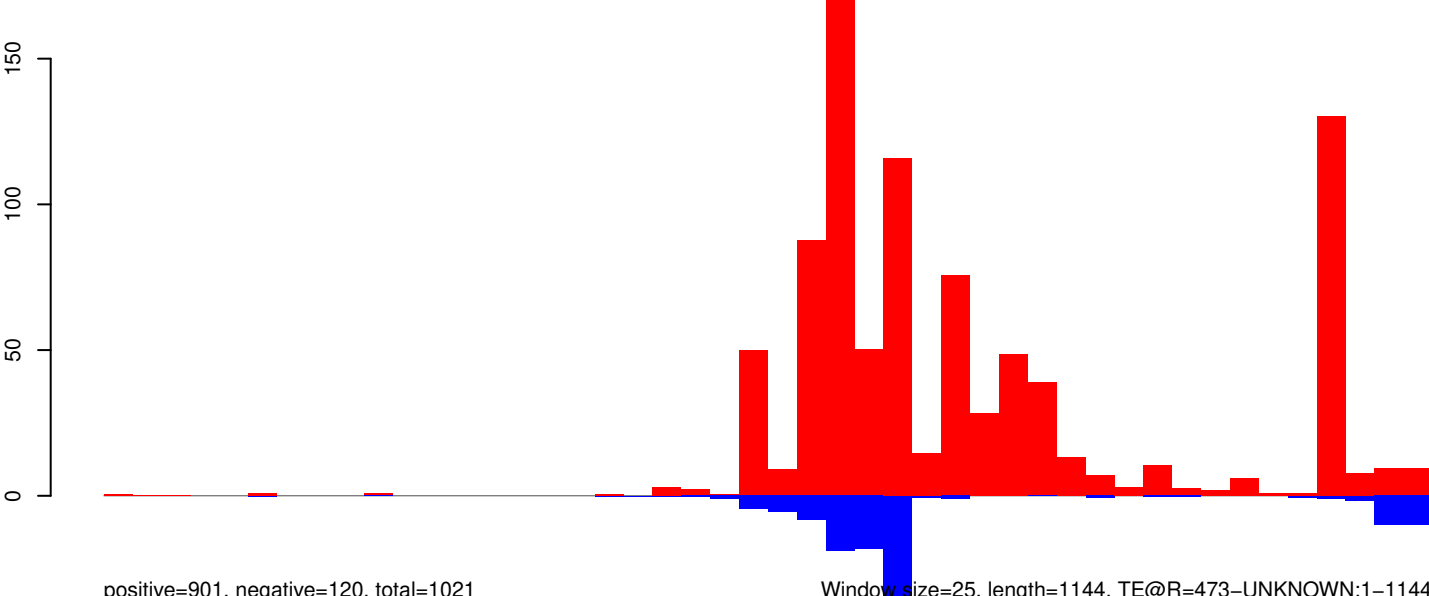
positive=33, negative=12, total=45

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



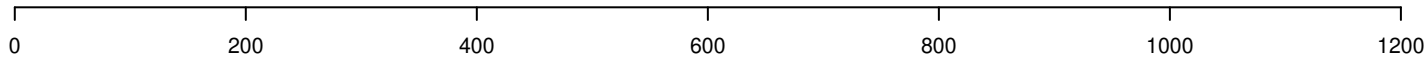
positive=868, negative=108, total=976

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

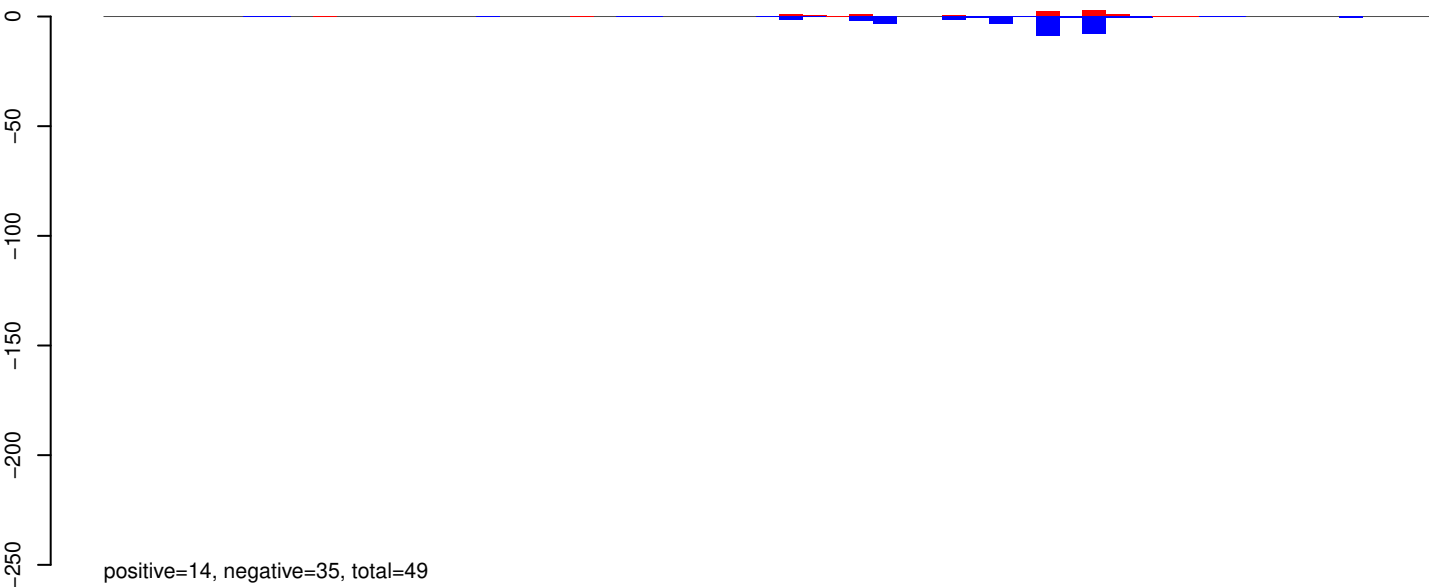


positive=901, negative=120, total=1021

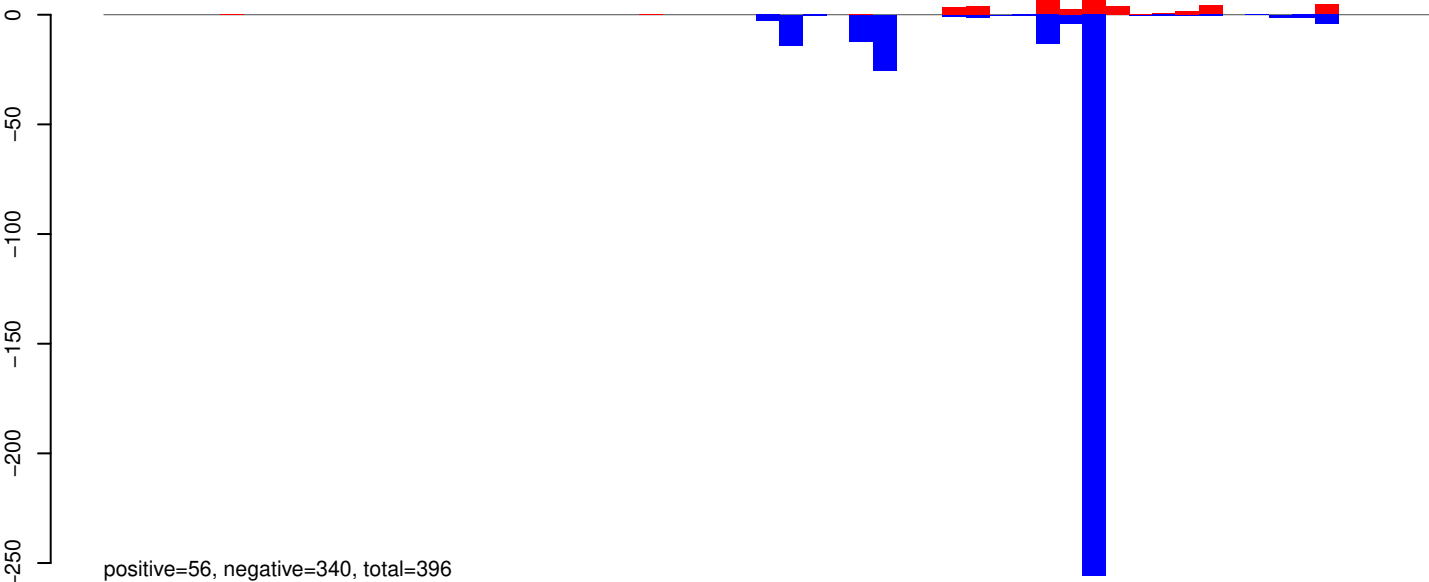
Window size=25, length=1144, TE@R=473-UNKNOWN:1-1144



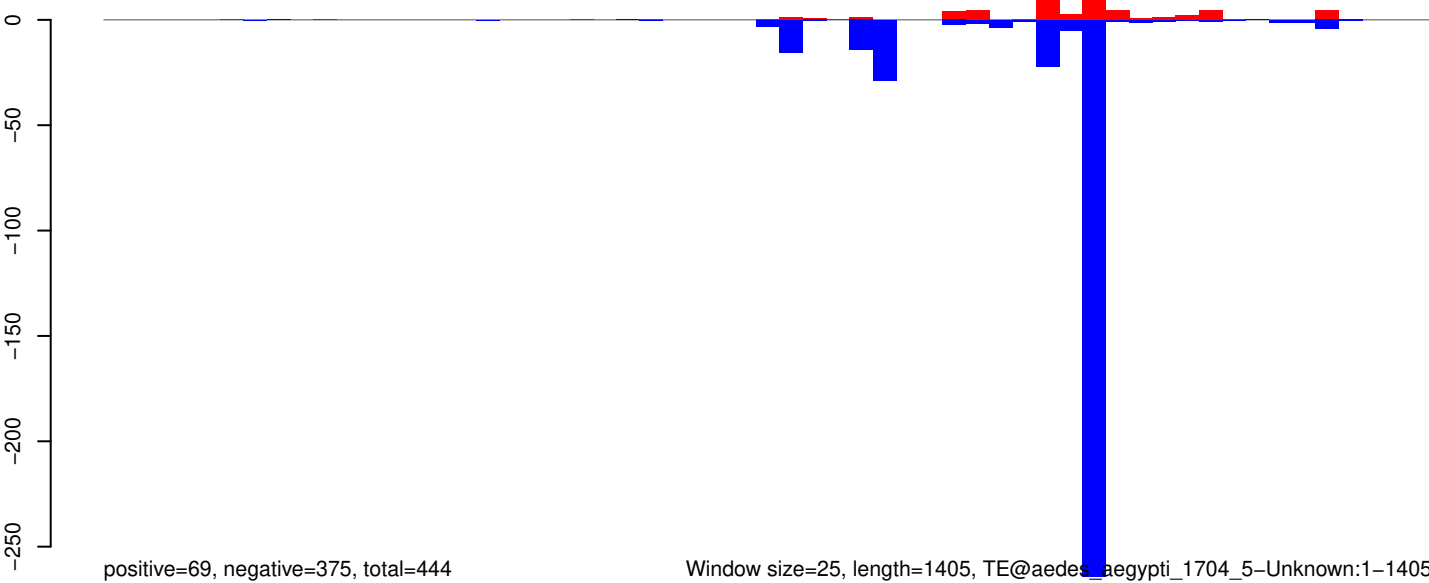
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



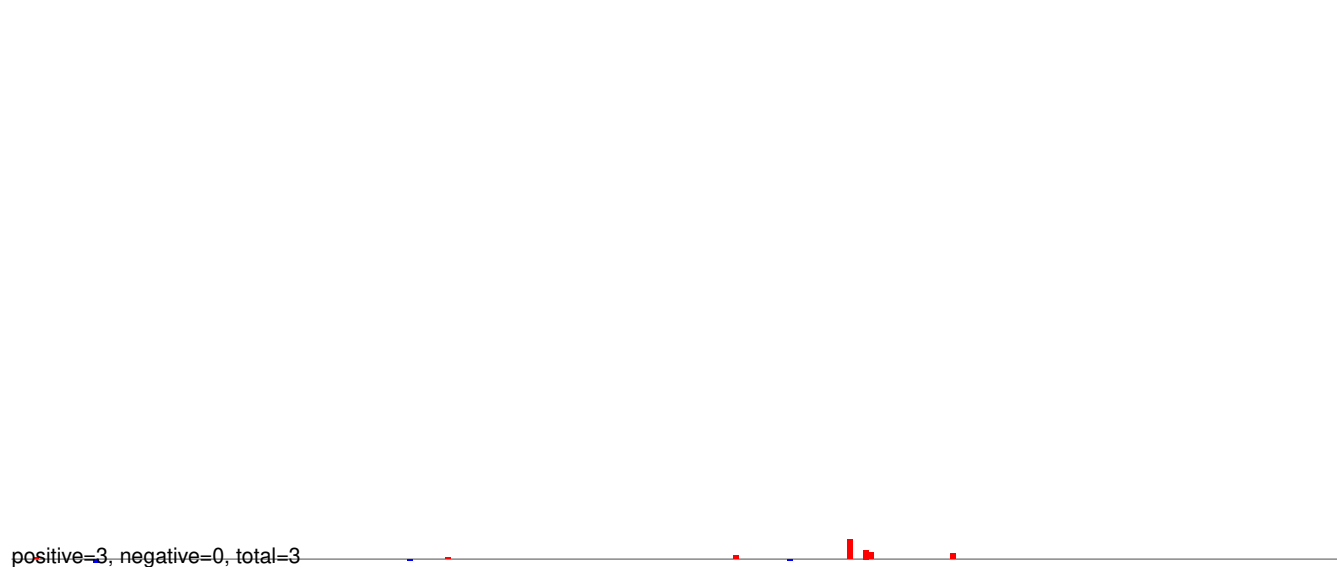
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



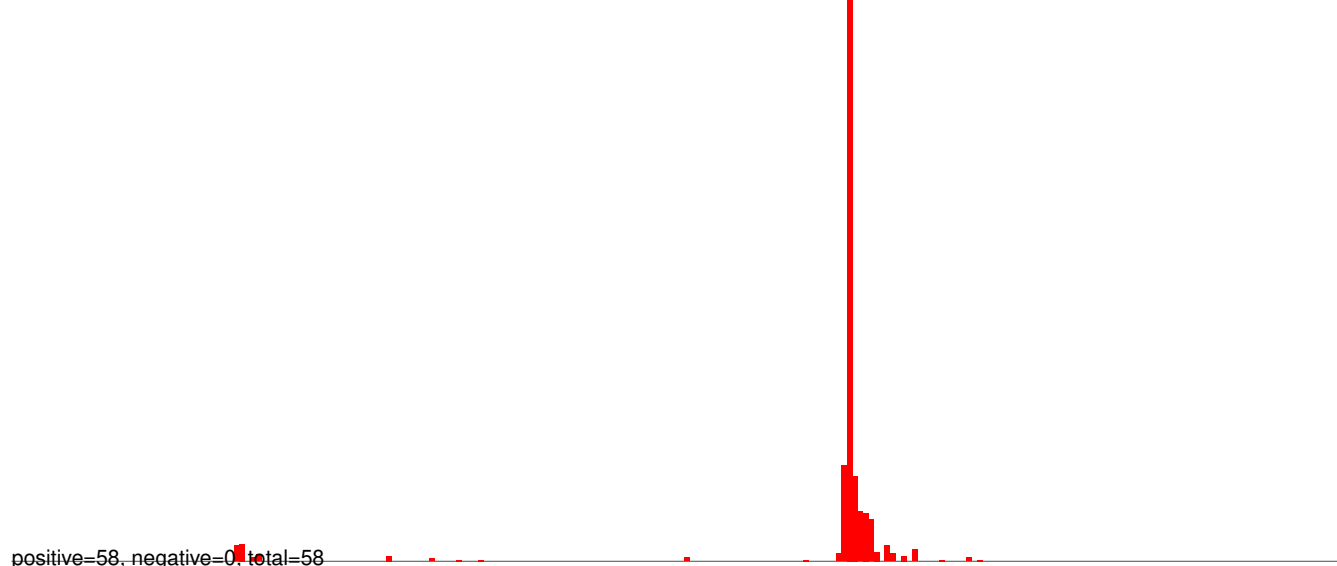
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



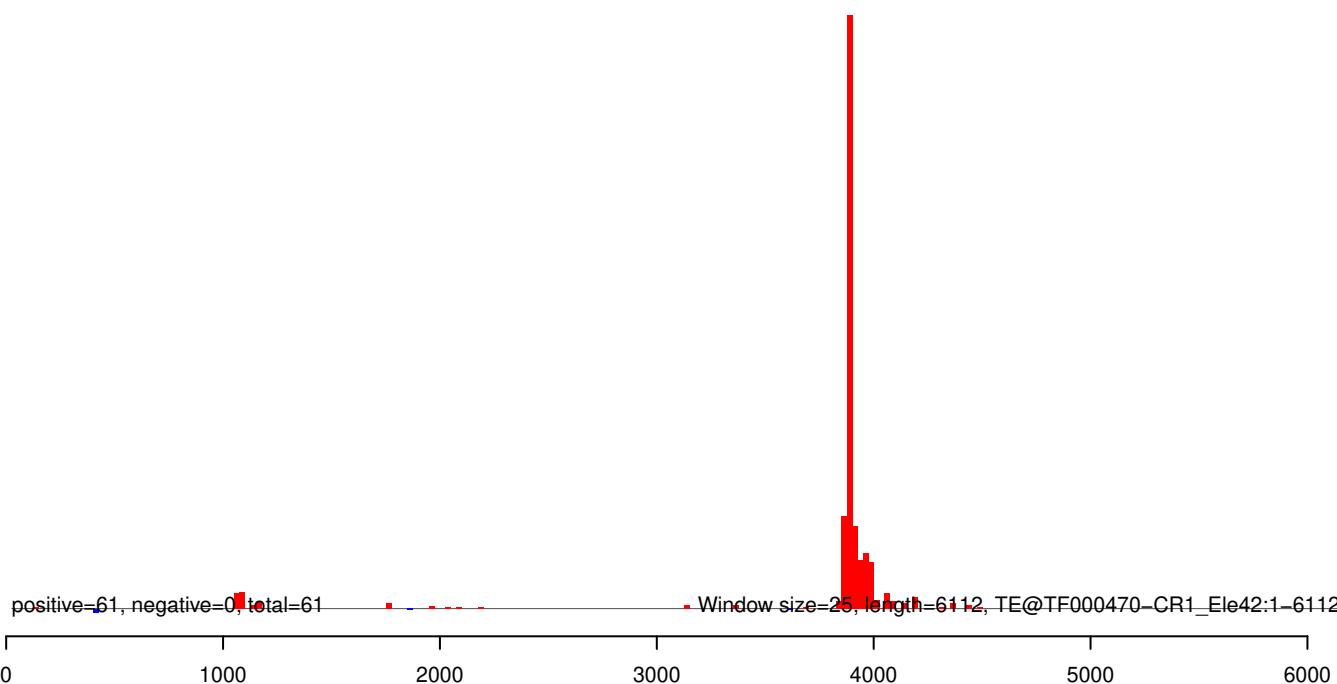
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



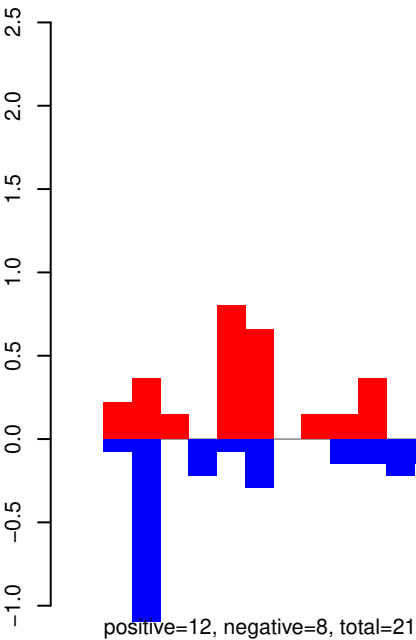
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



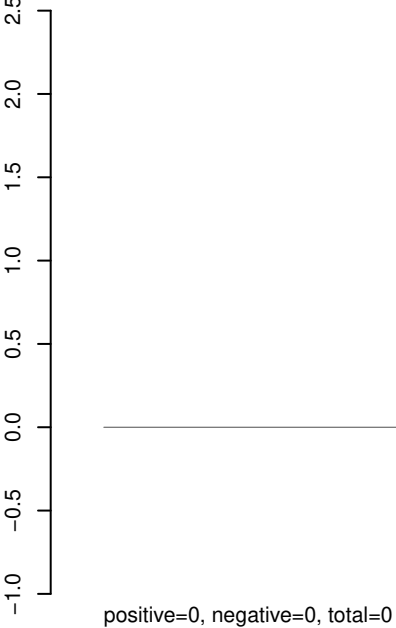
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



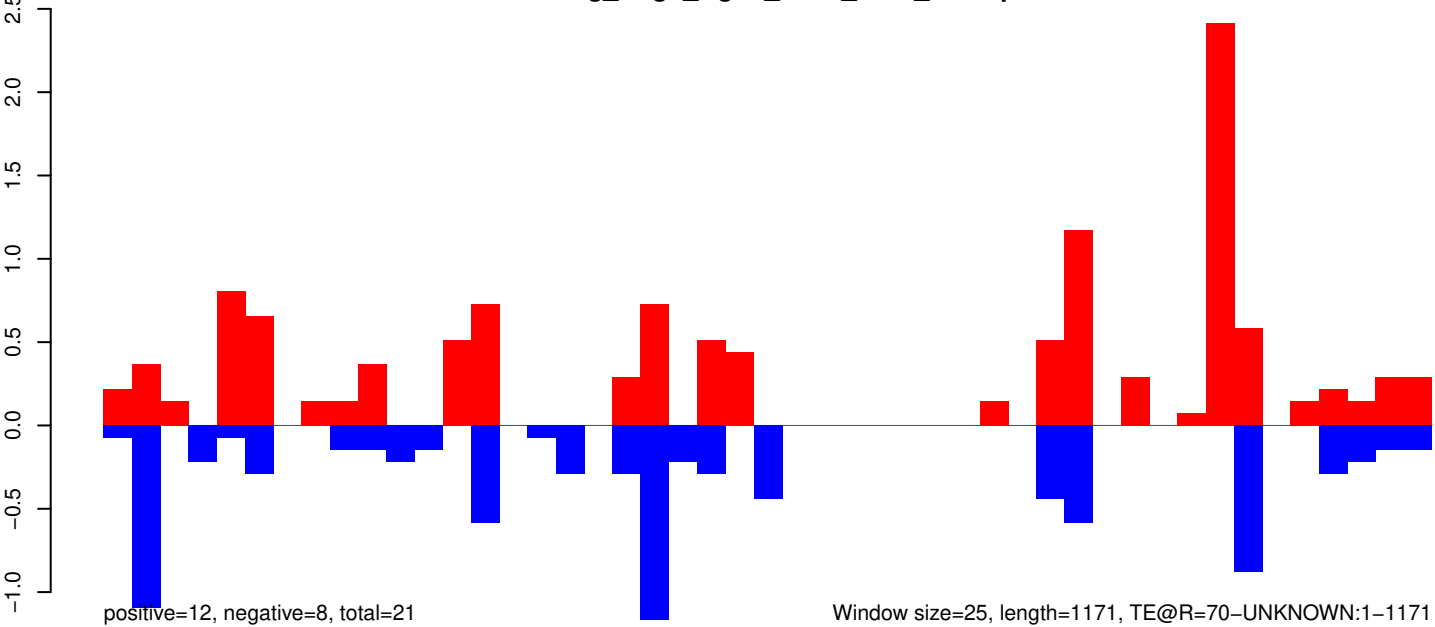
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



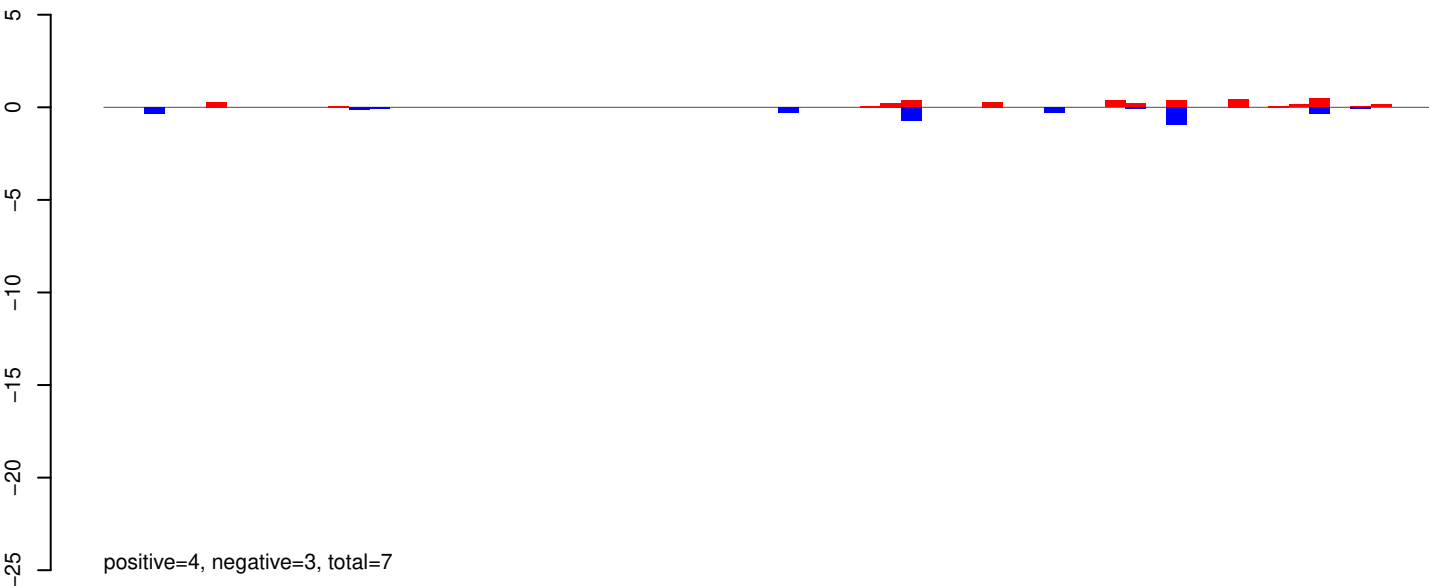
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



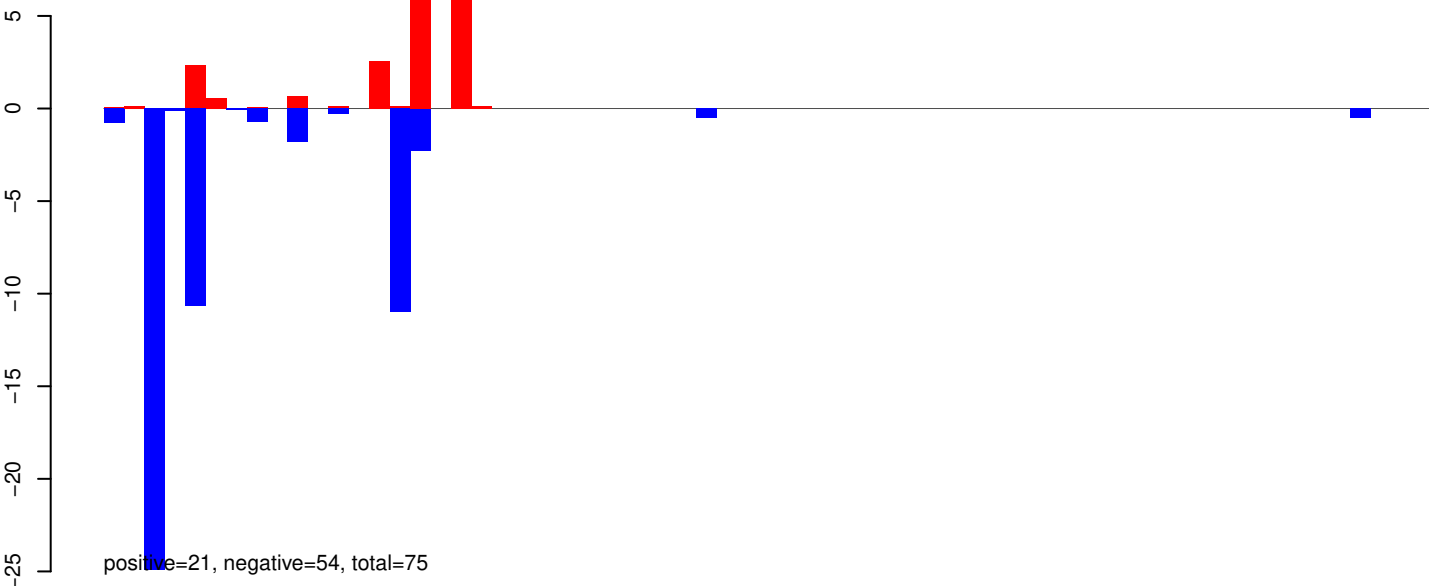
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



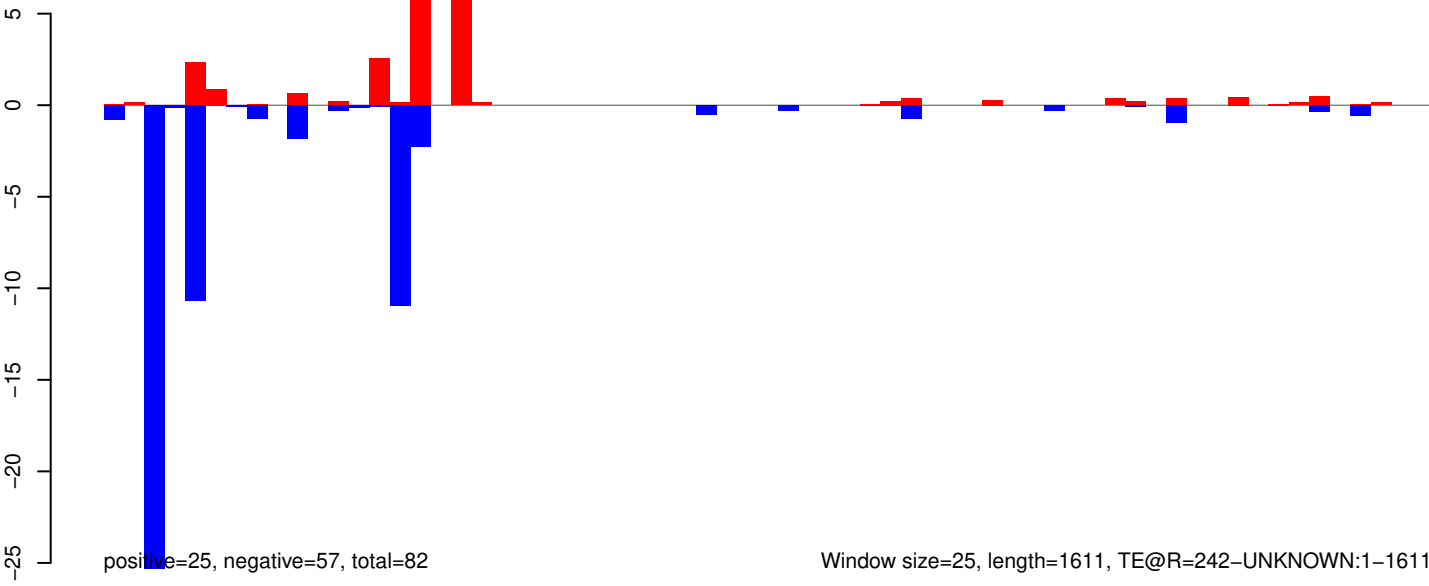
### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

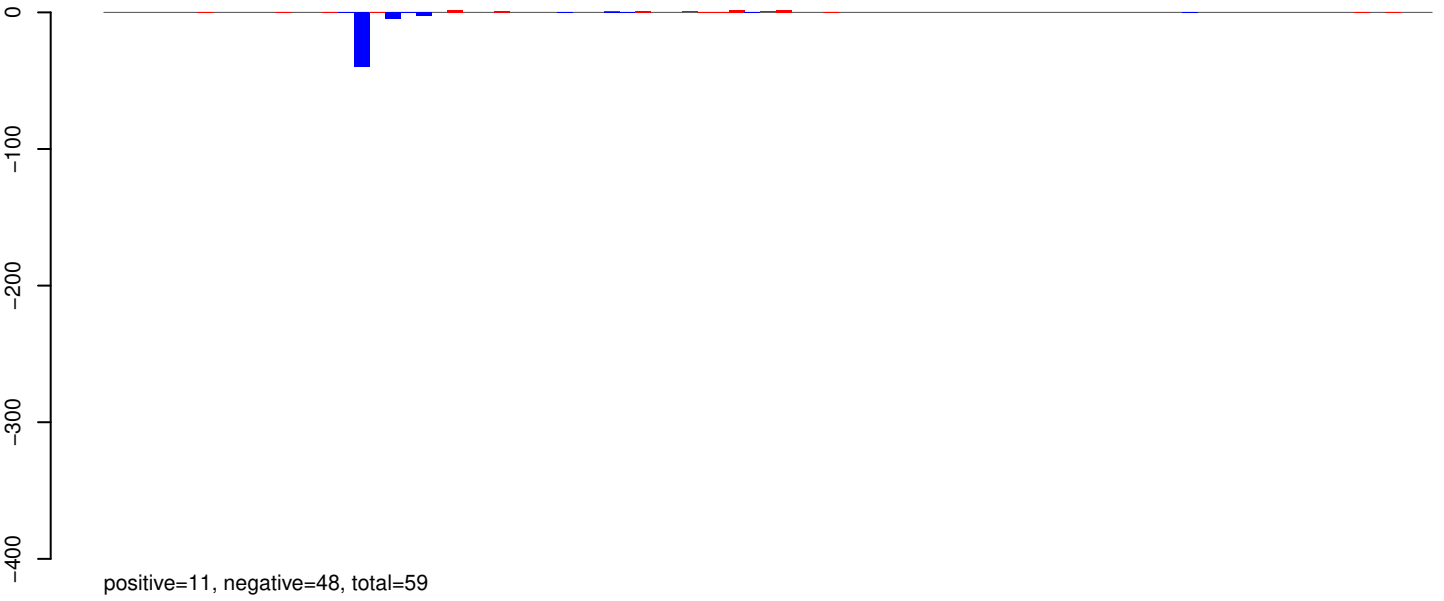


### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

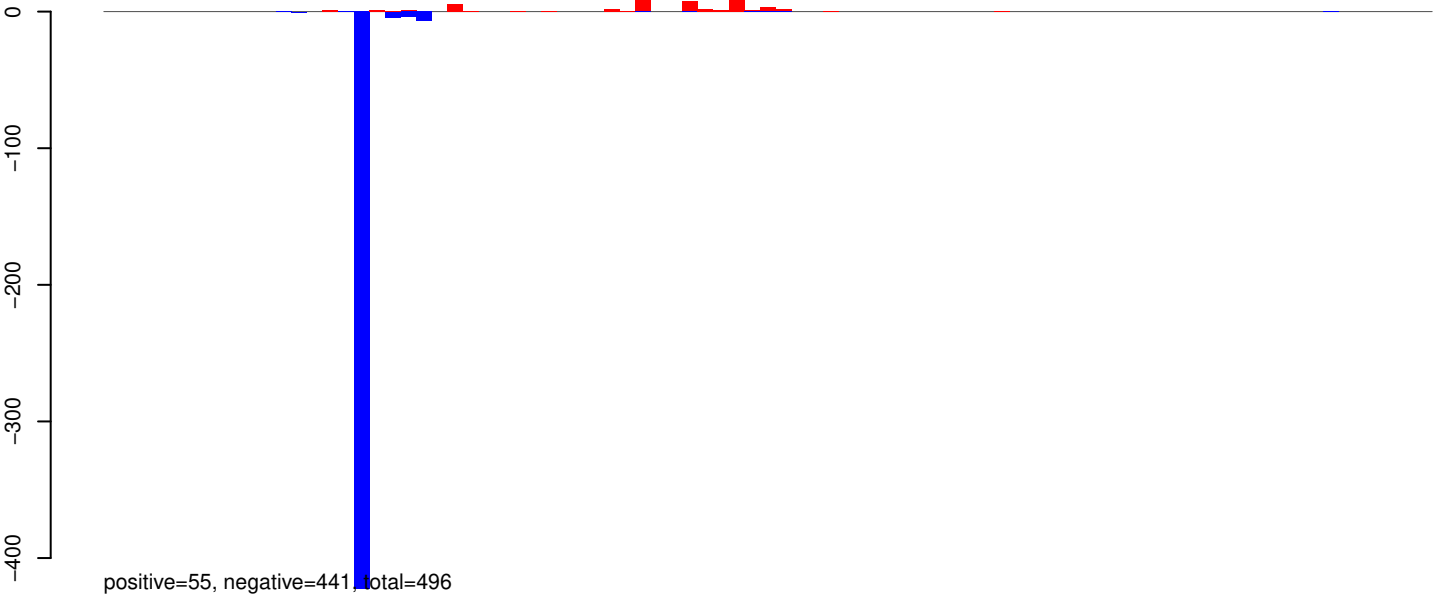


Window size=25, length=1611, TE@R=242-UNKNOWN:1-1611

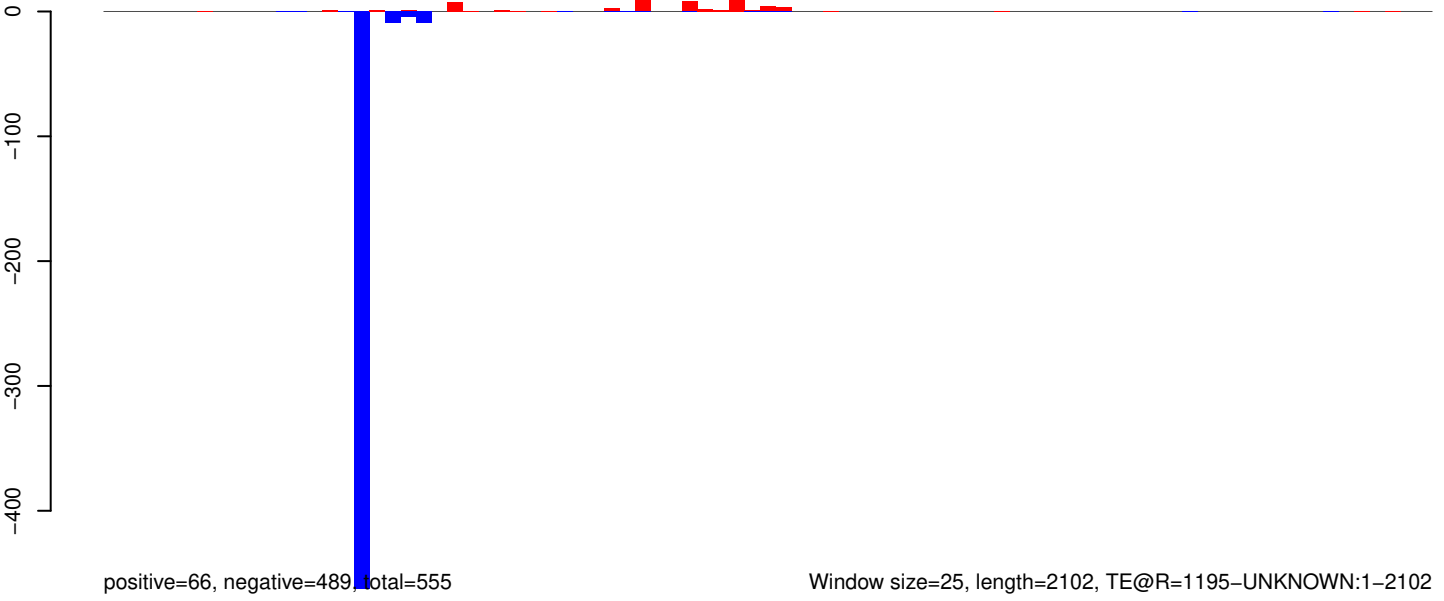
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



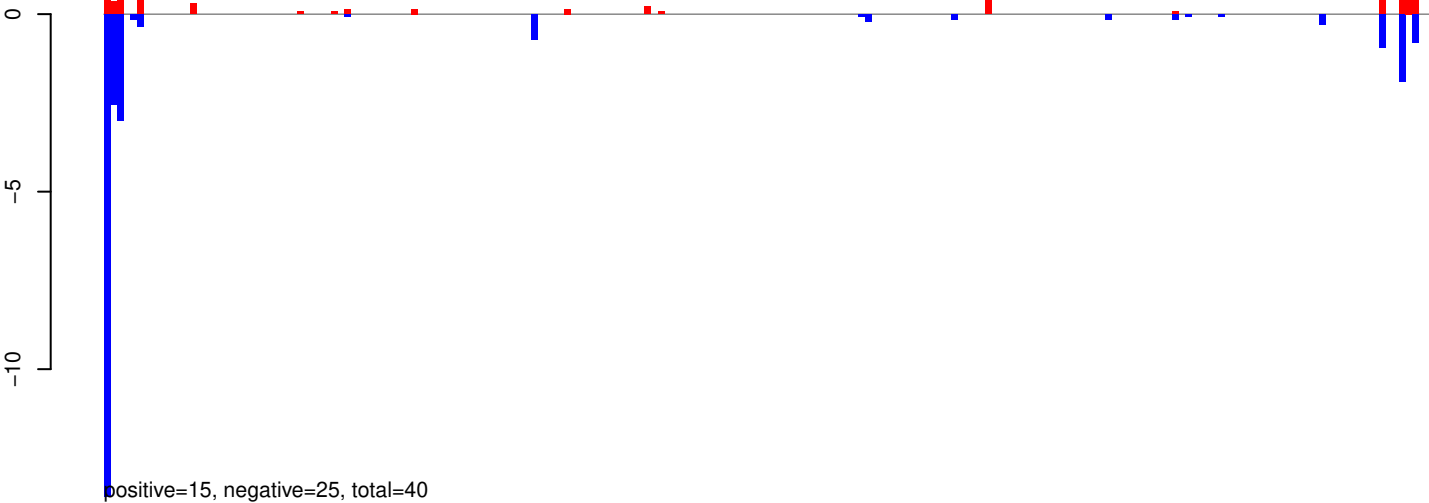
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



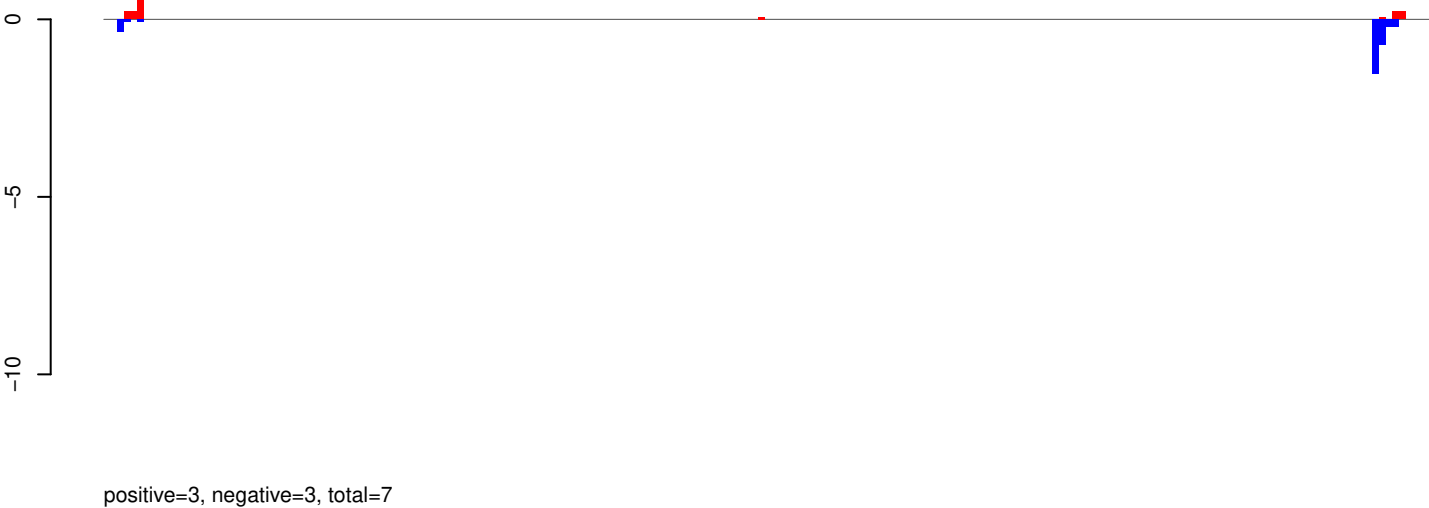
Window size=25, length=2102, TE@R=1195-UNKNOWN:1-2102

0 500 1000 1500 2000

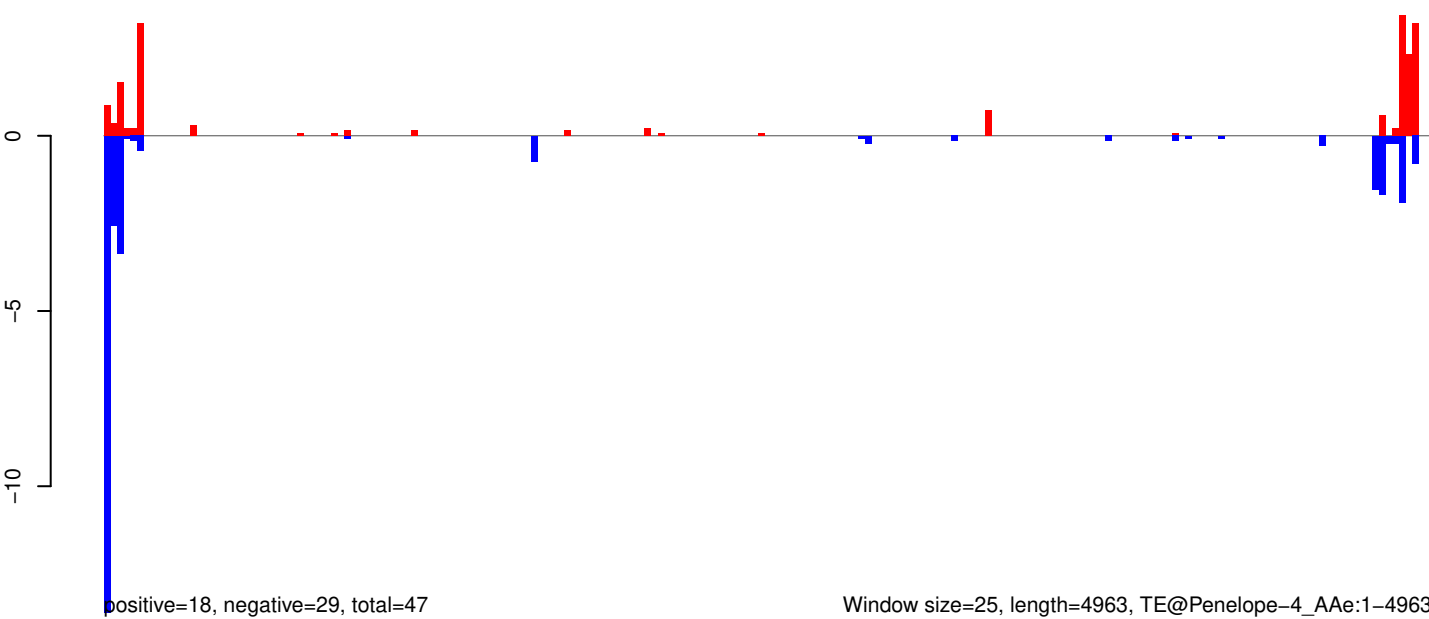
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

positive=14, negative=16, total=30

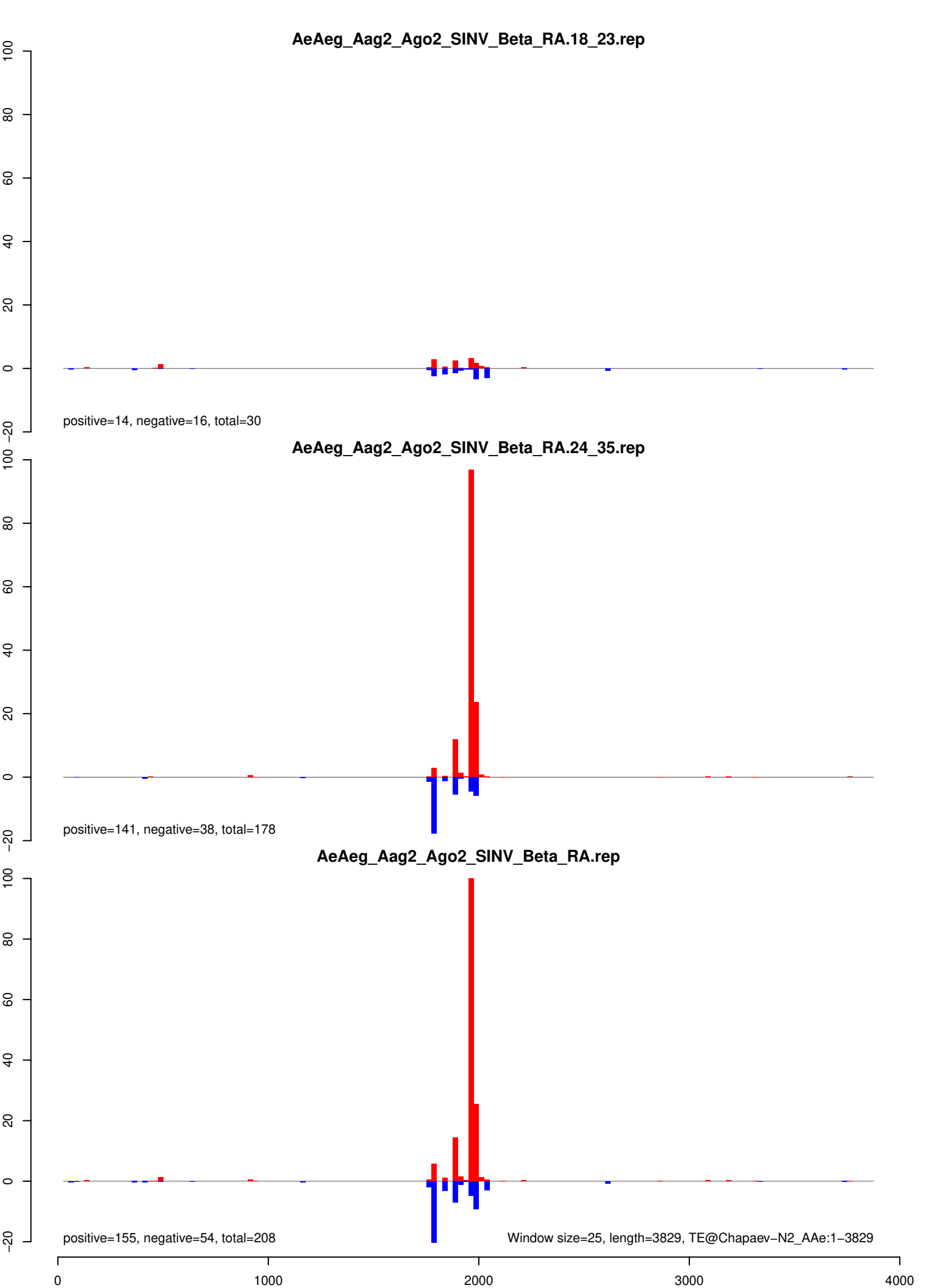
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

positive=141, negative=38, total=178

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

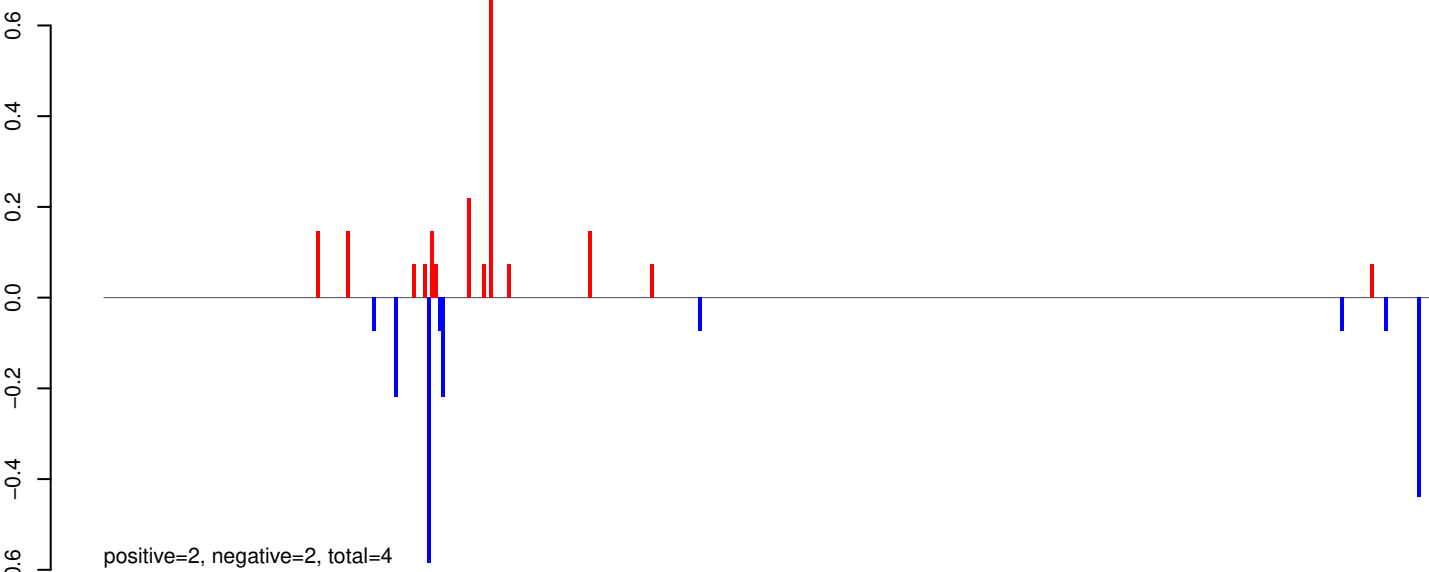
positive=155, negative=54, total=208

Window size=25, length=3829, TE@Chapaev-N2\_A Ae:1-3829

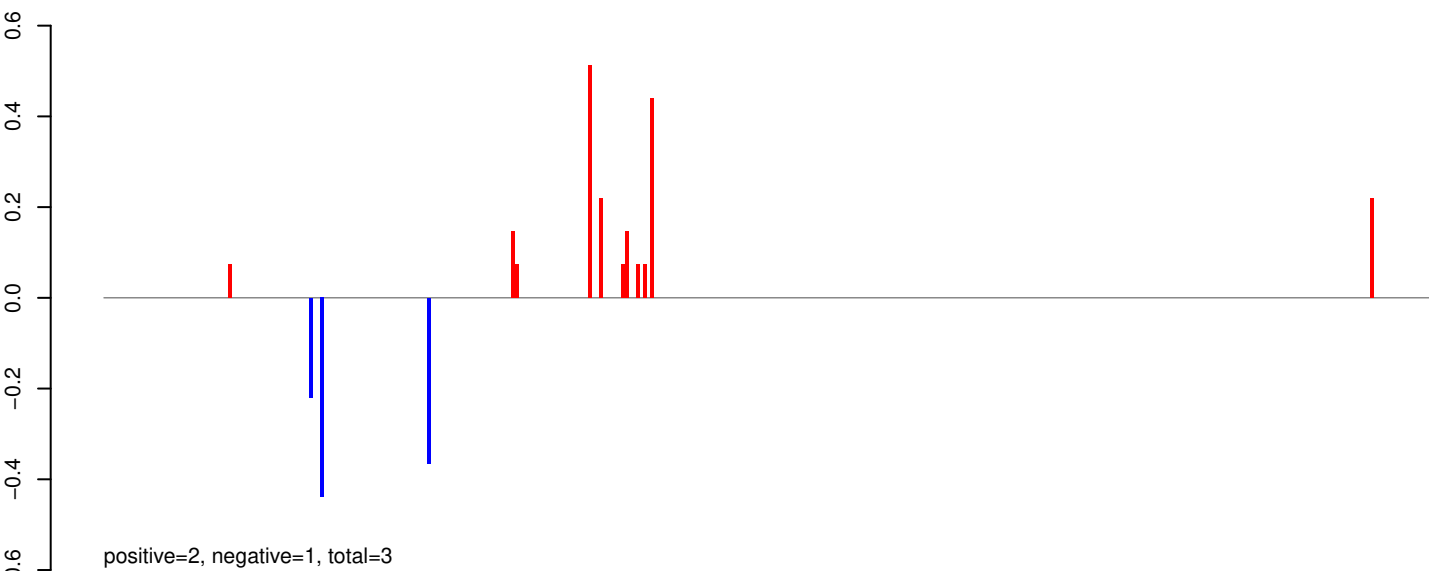




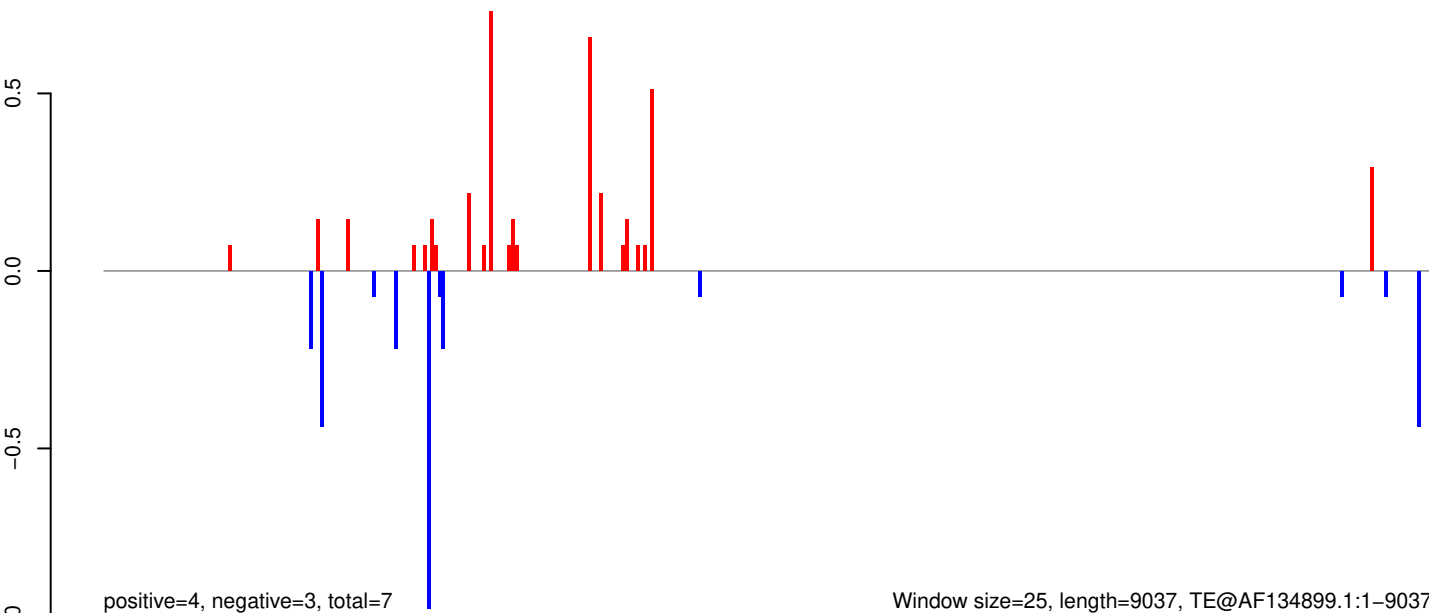
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



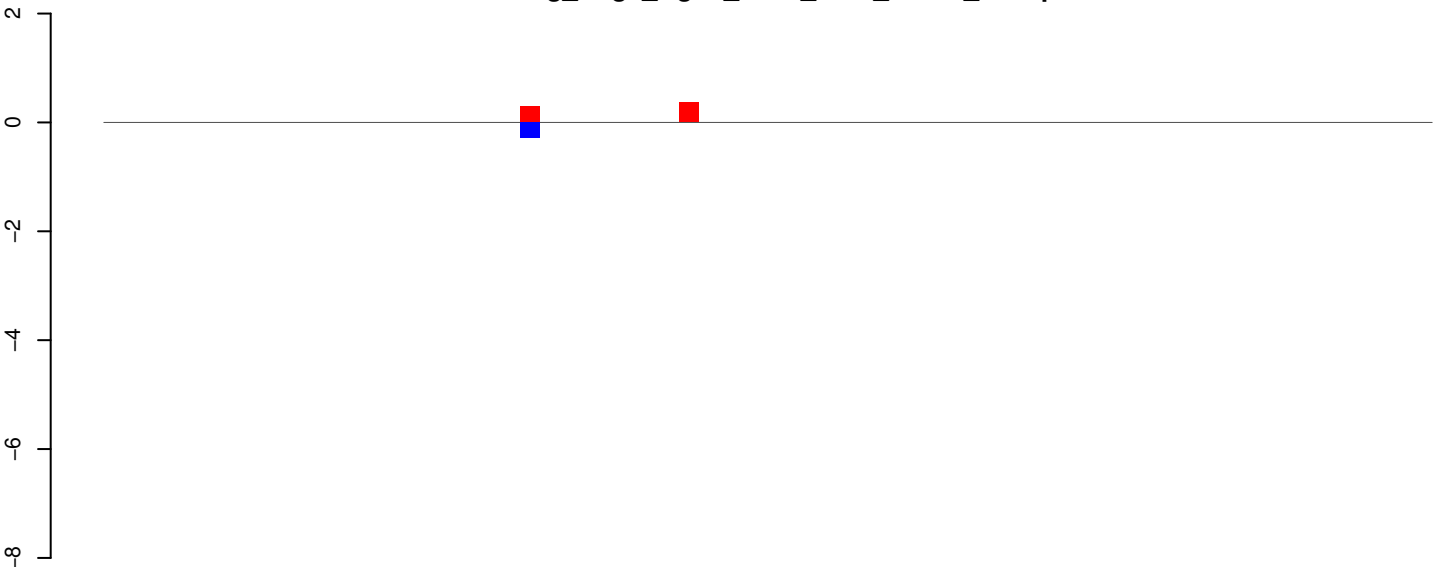
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

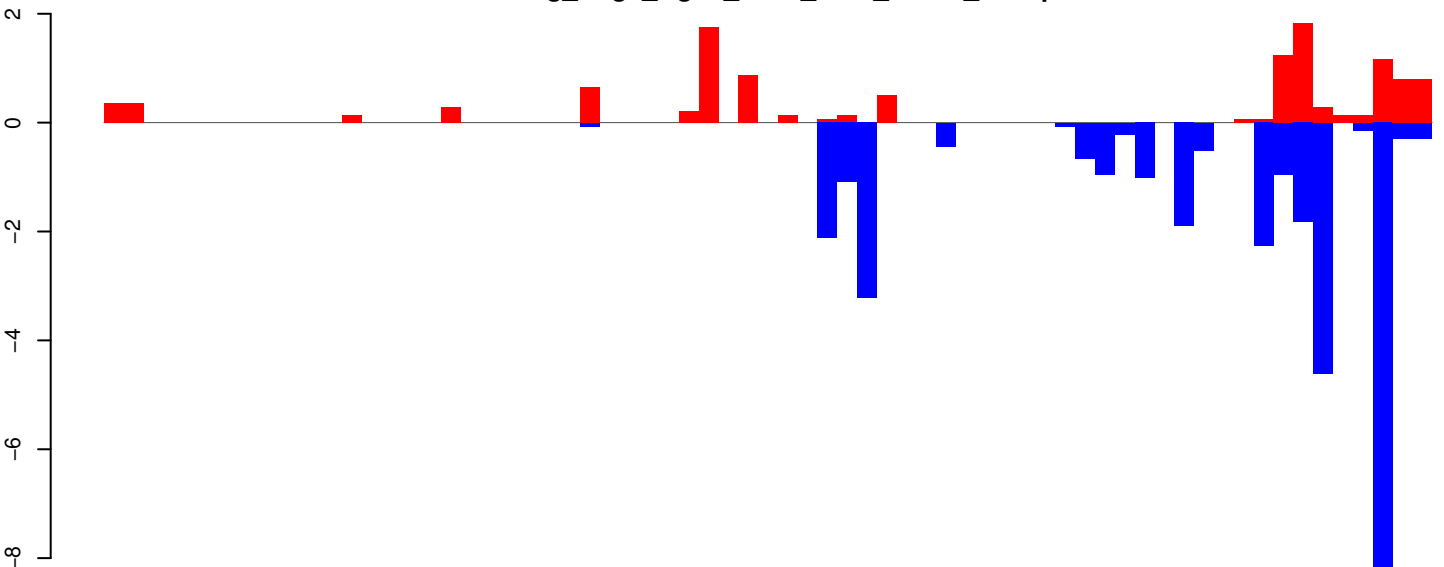


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



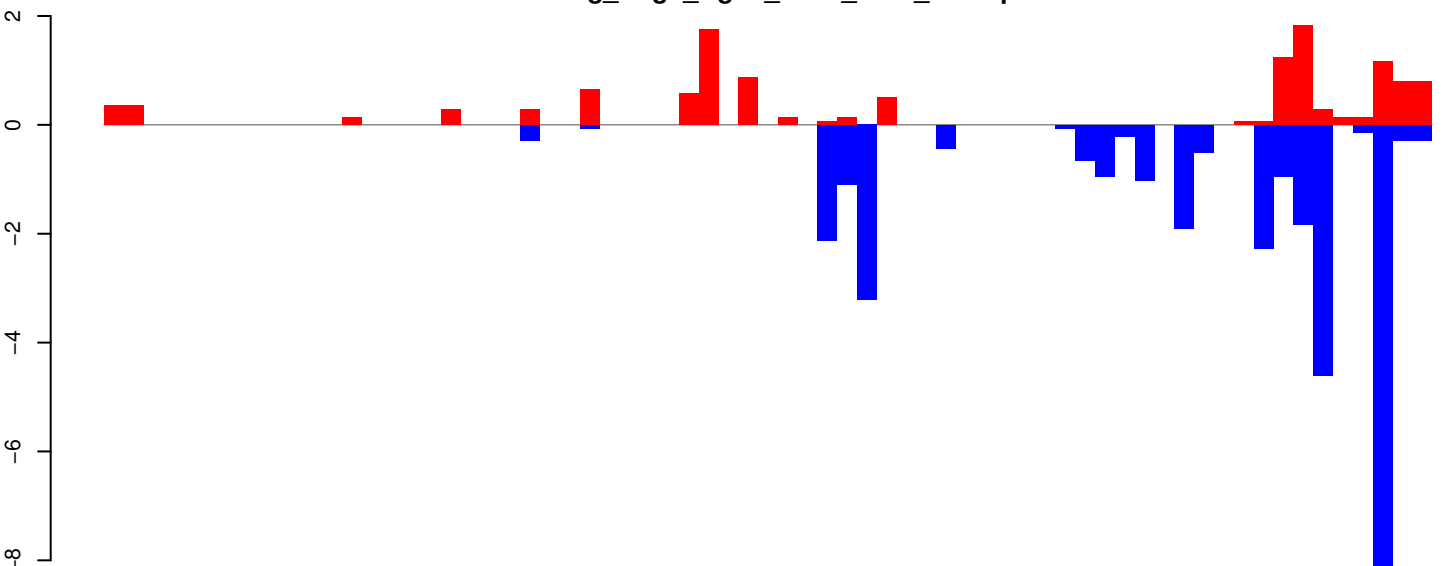
positive=1, negative=0, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=12, negative=32, total=44

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

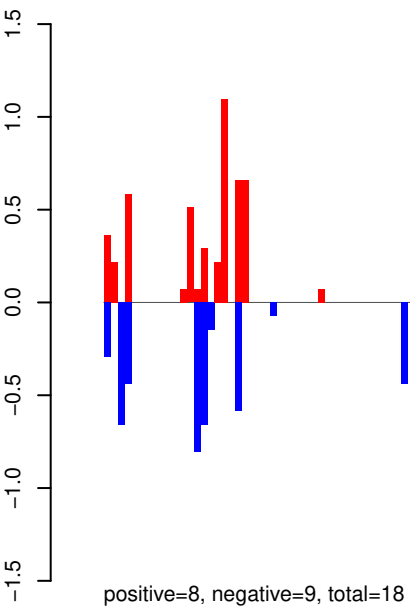


positive=13, negative=32, total=45

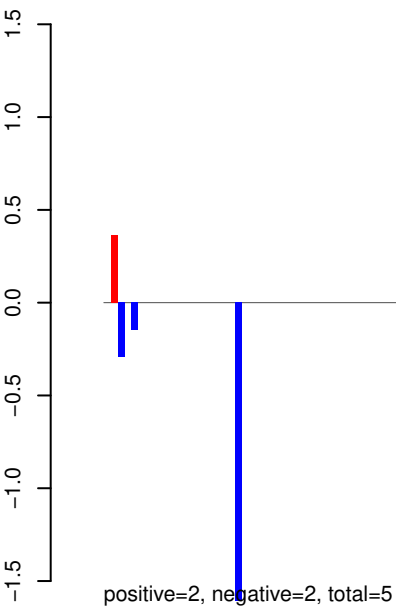
Window size=25, length=1669, TE@TF001278-otherMITEs\_Ele5:1-1669

0 500 1000 1500

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



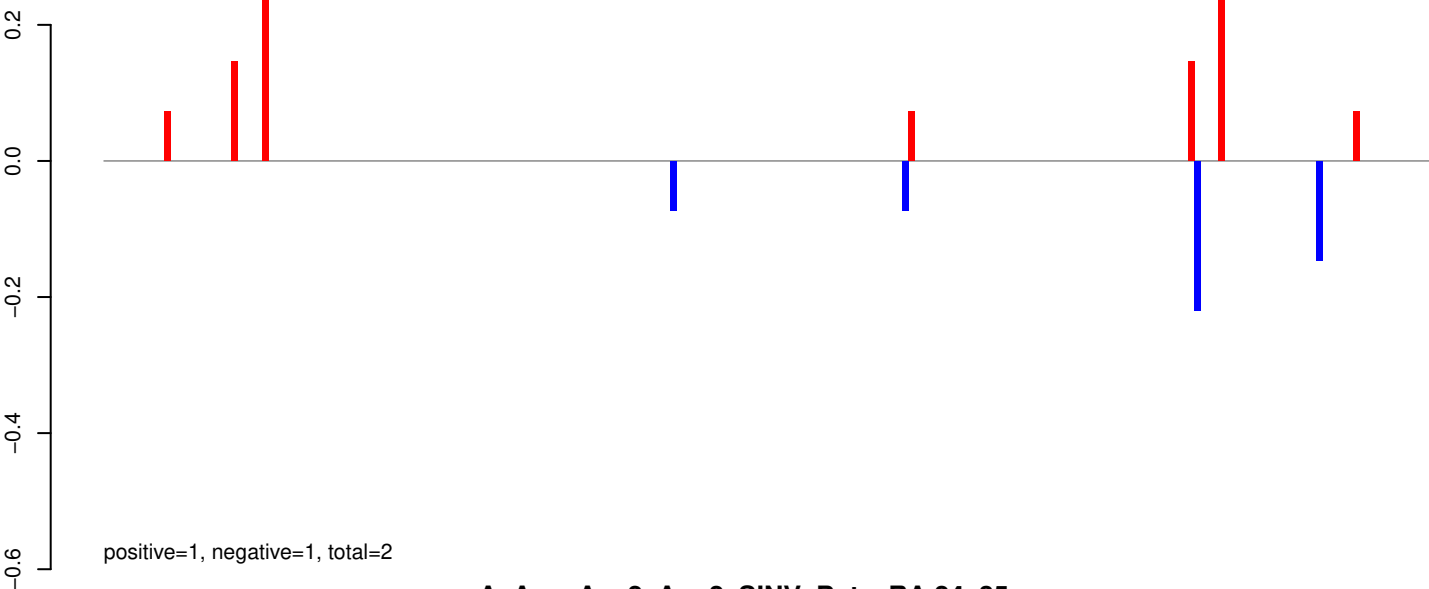
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



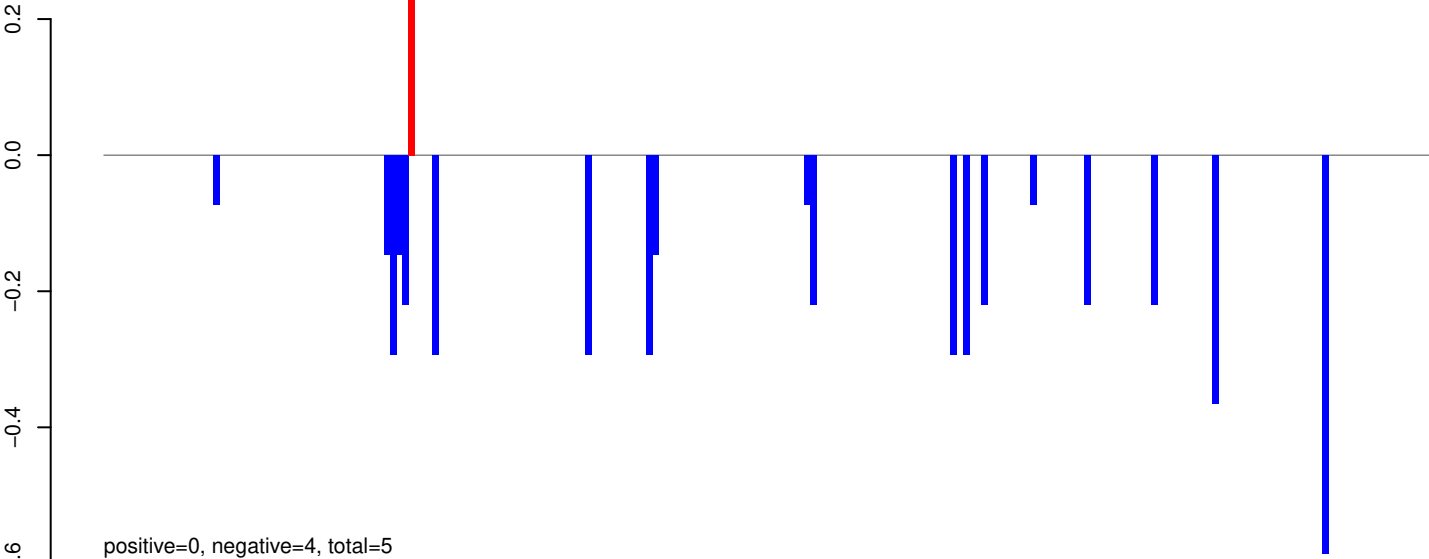
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



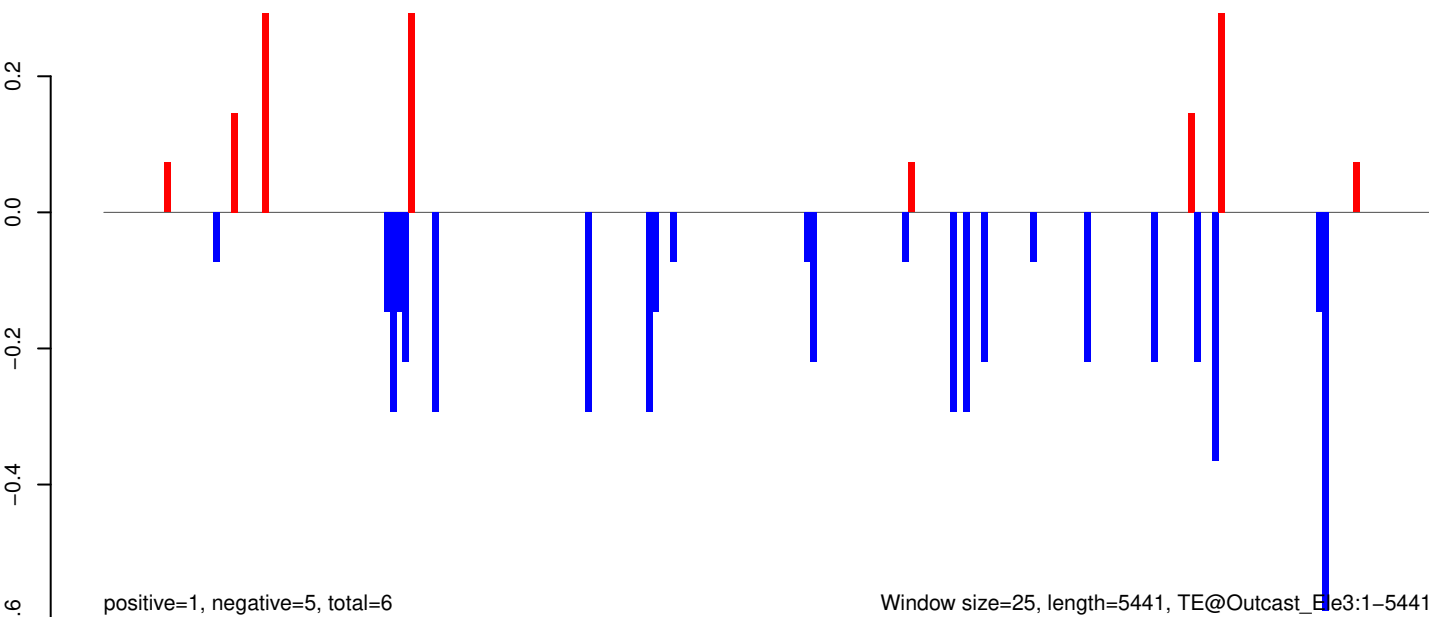
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



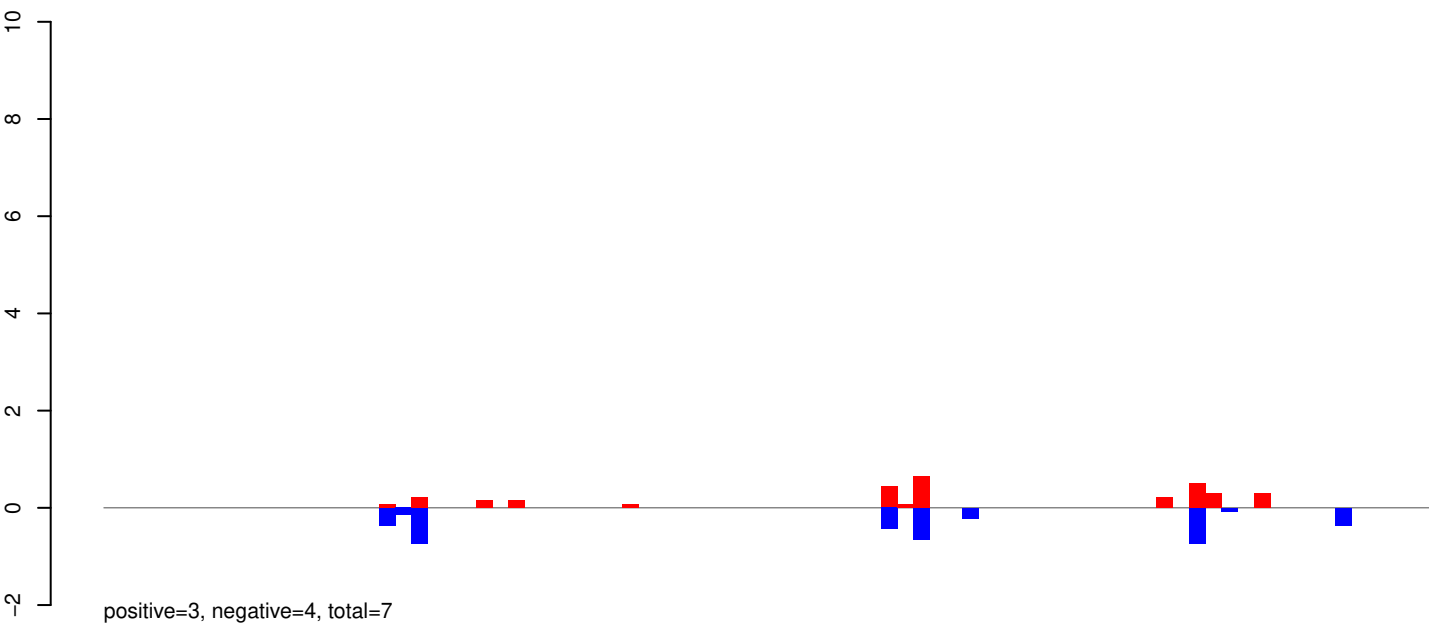
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



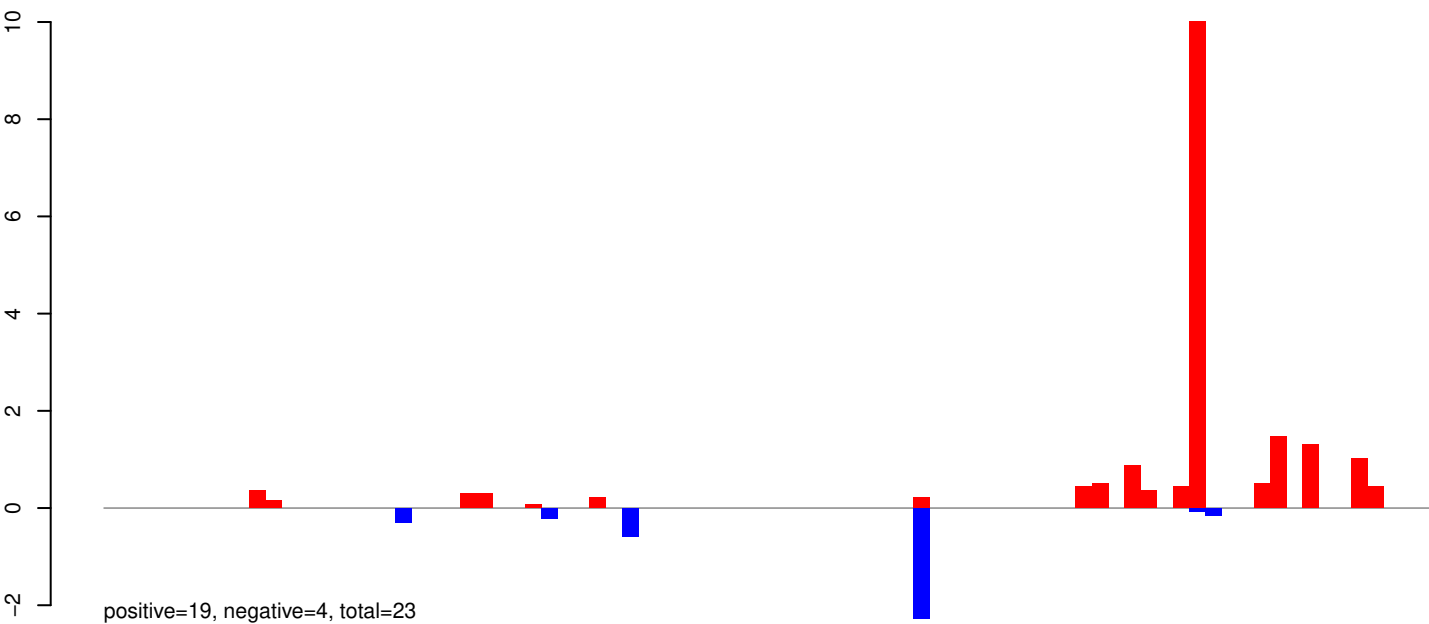
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



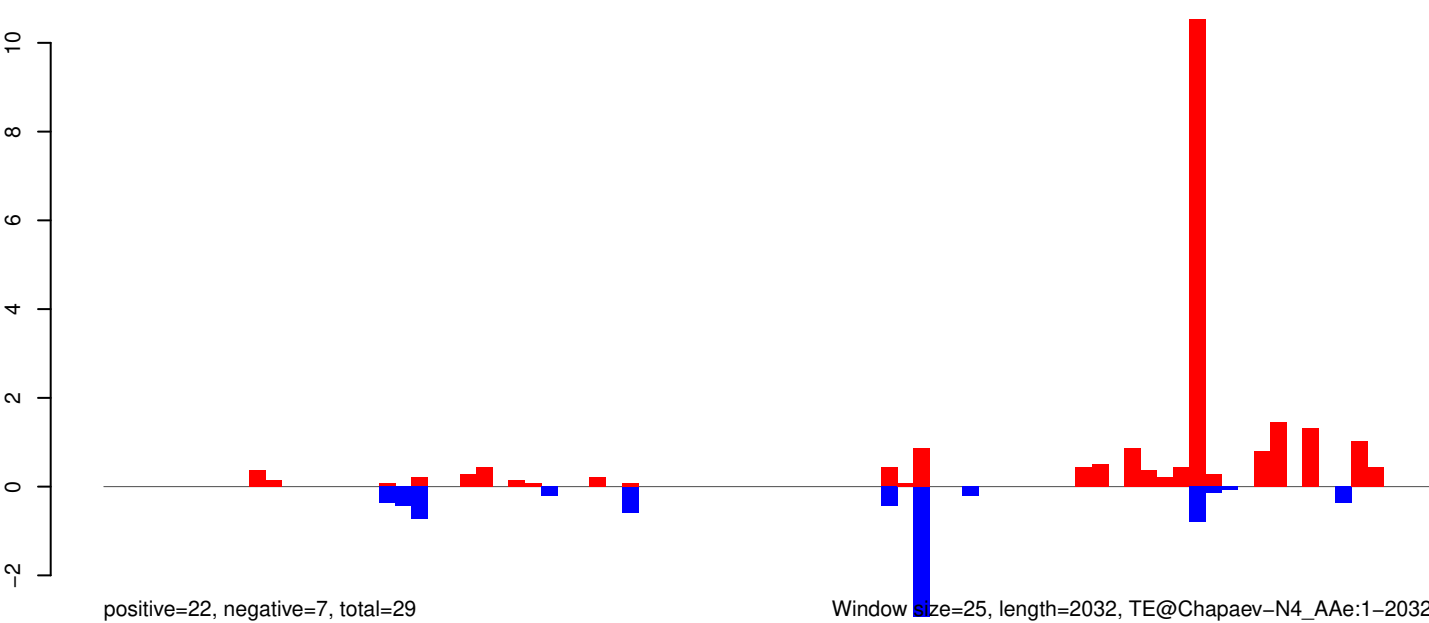
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

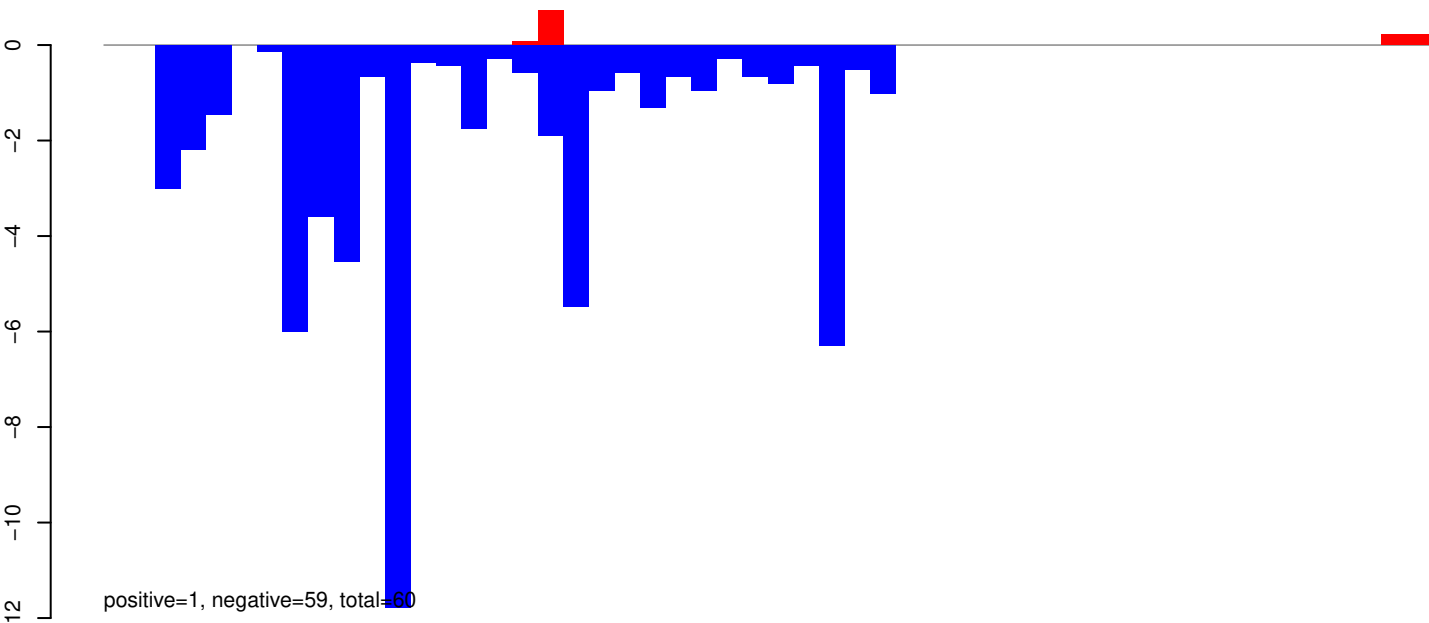


Window size=25, length=2032, TE@Chapaev-N4\_A Ae:1-2032

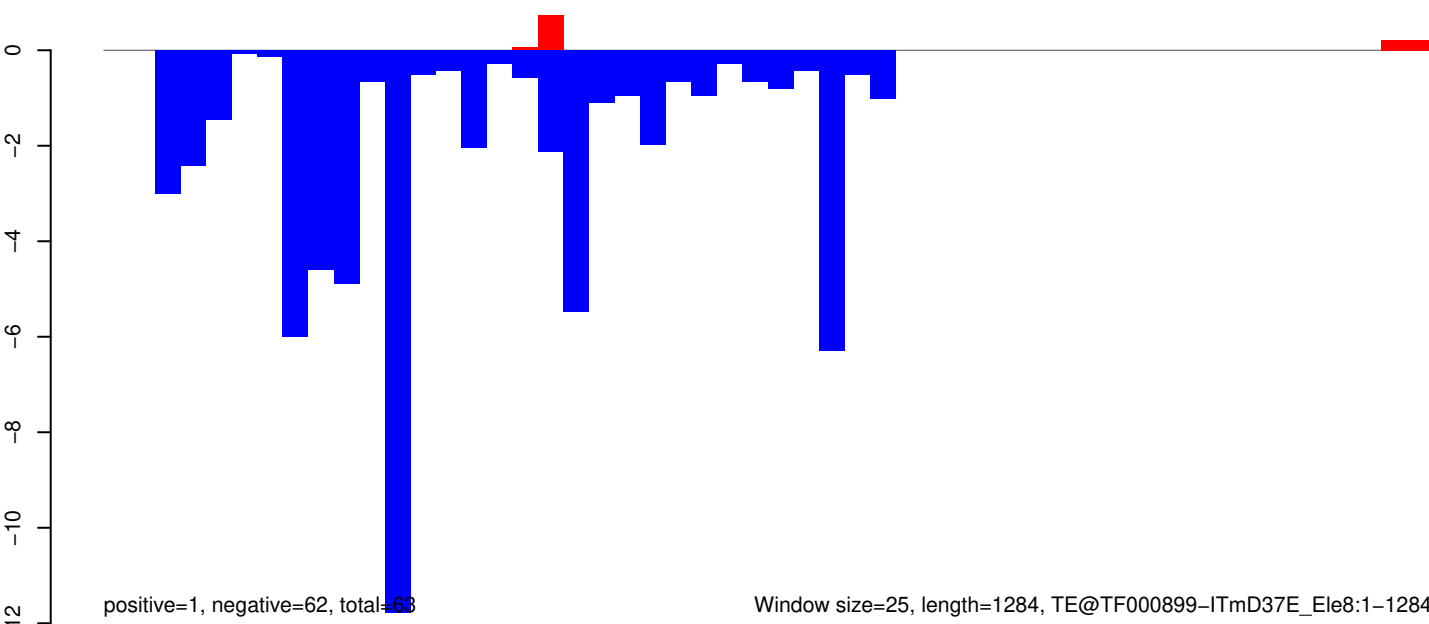
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



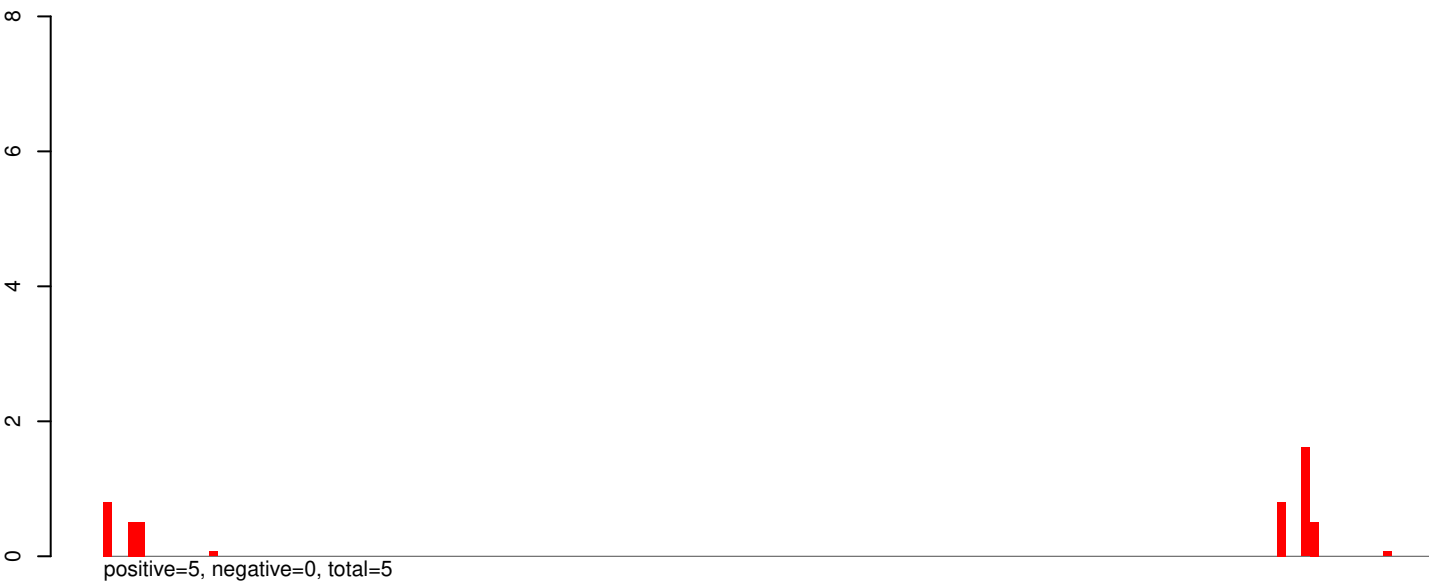
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



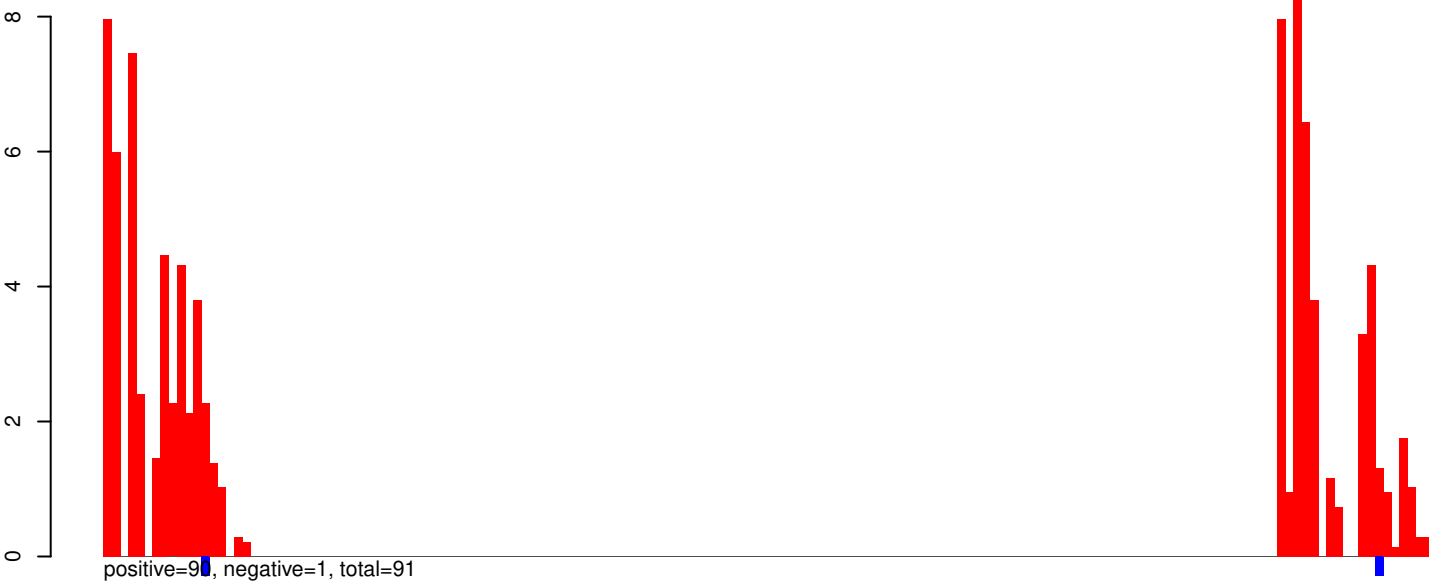
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



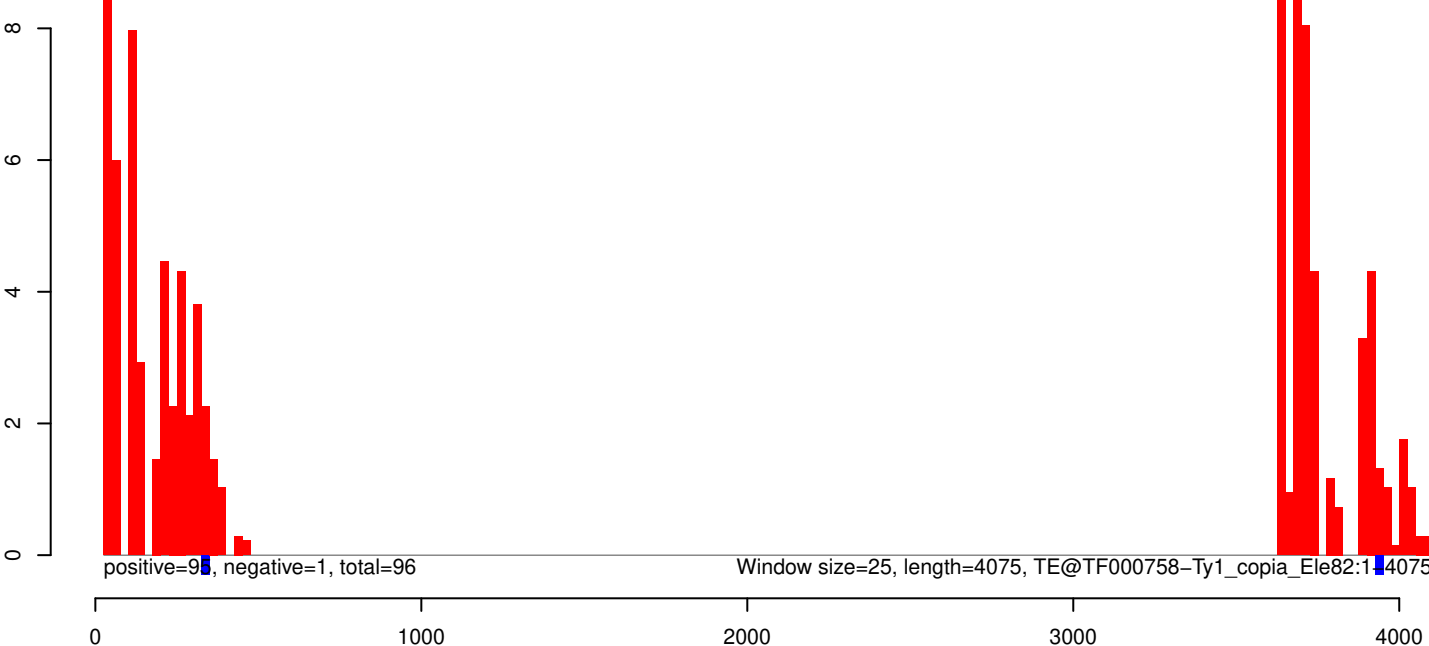
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



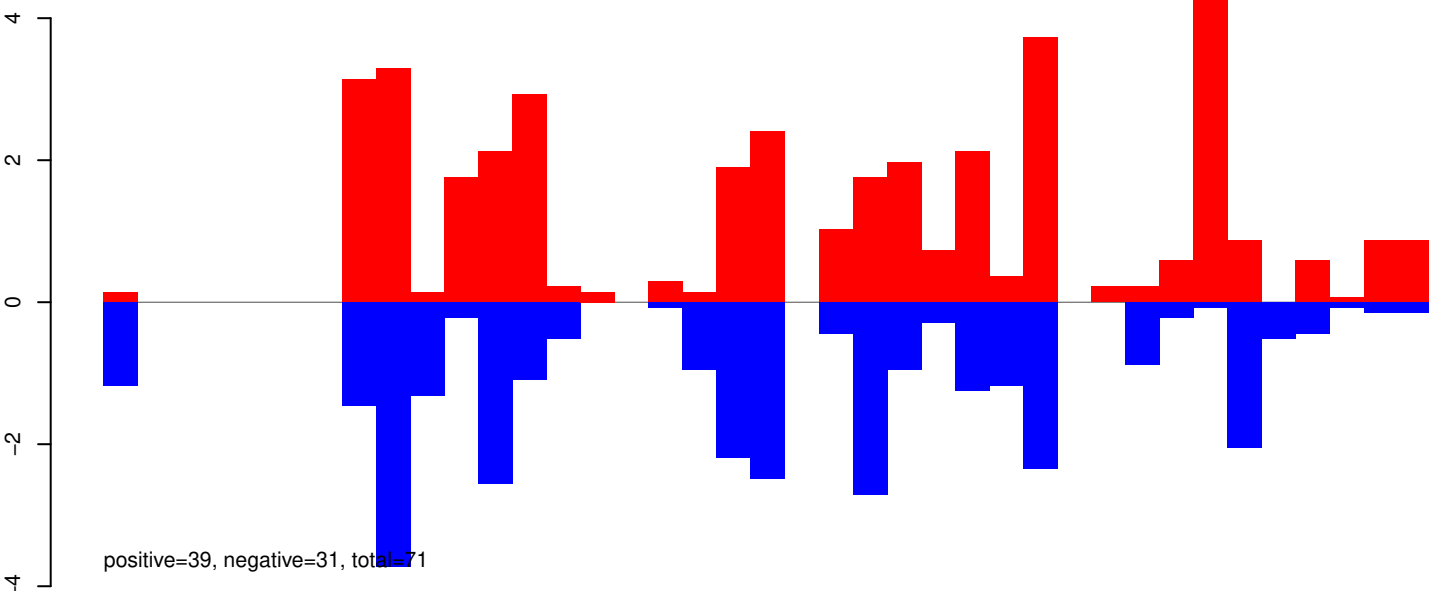
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



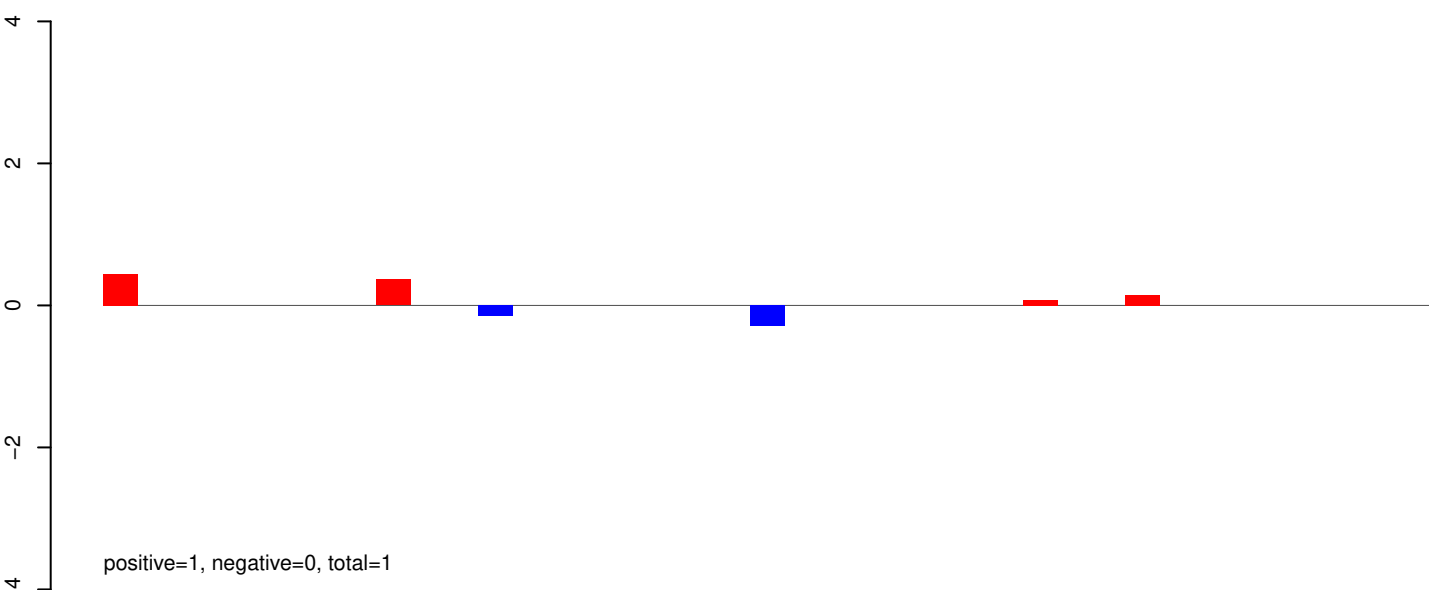
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



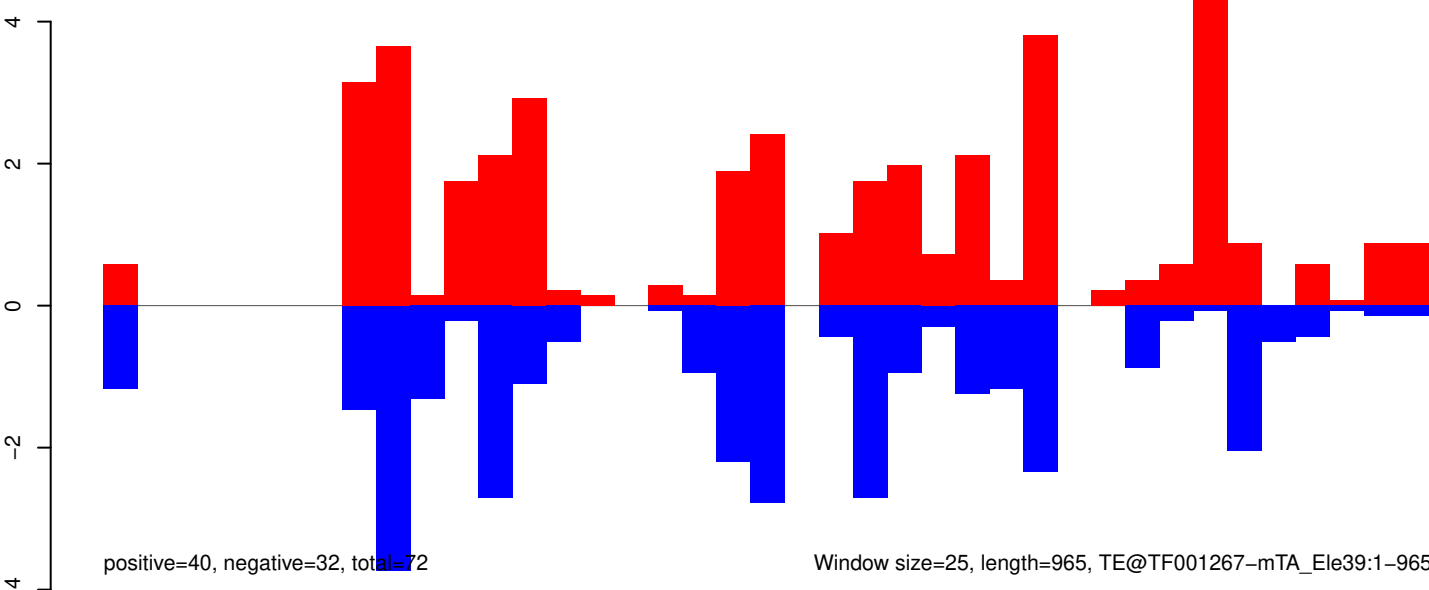
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

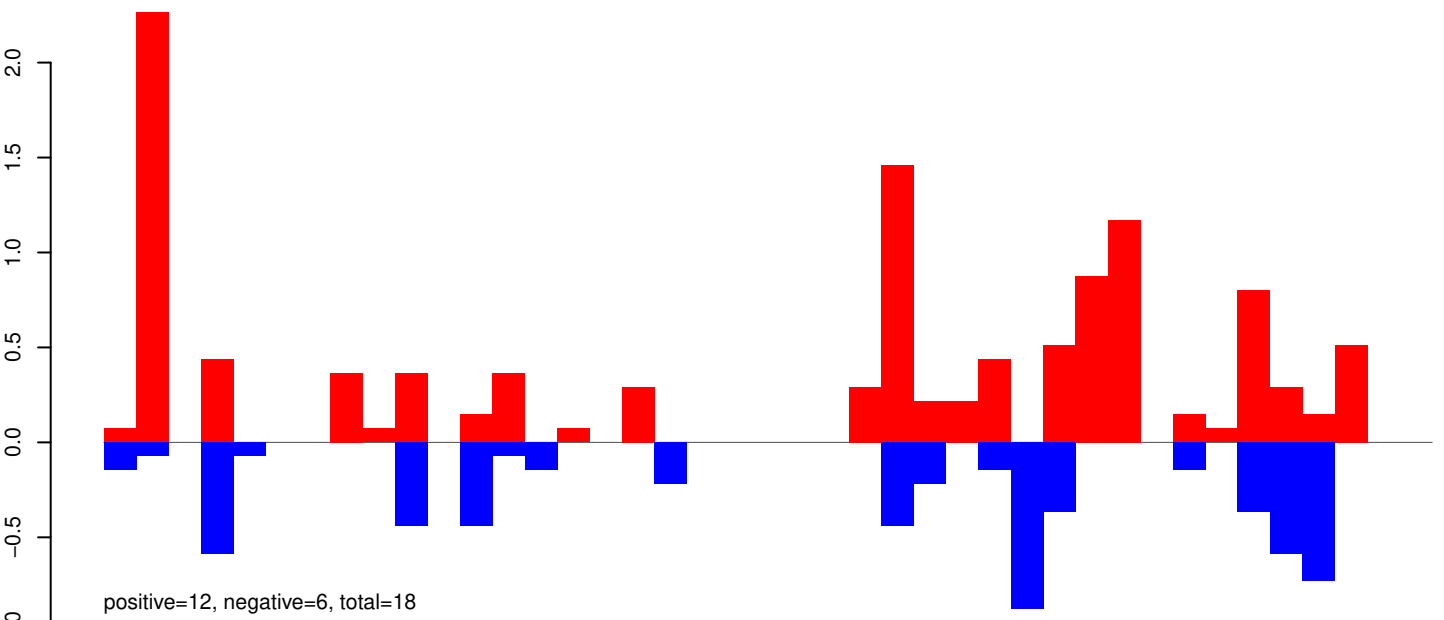


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

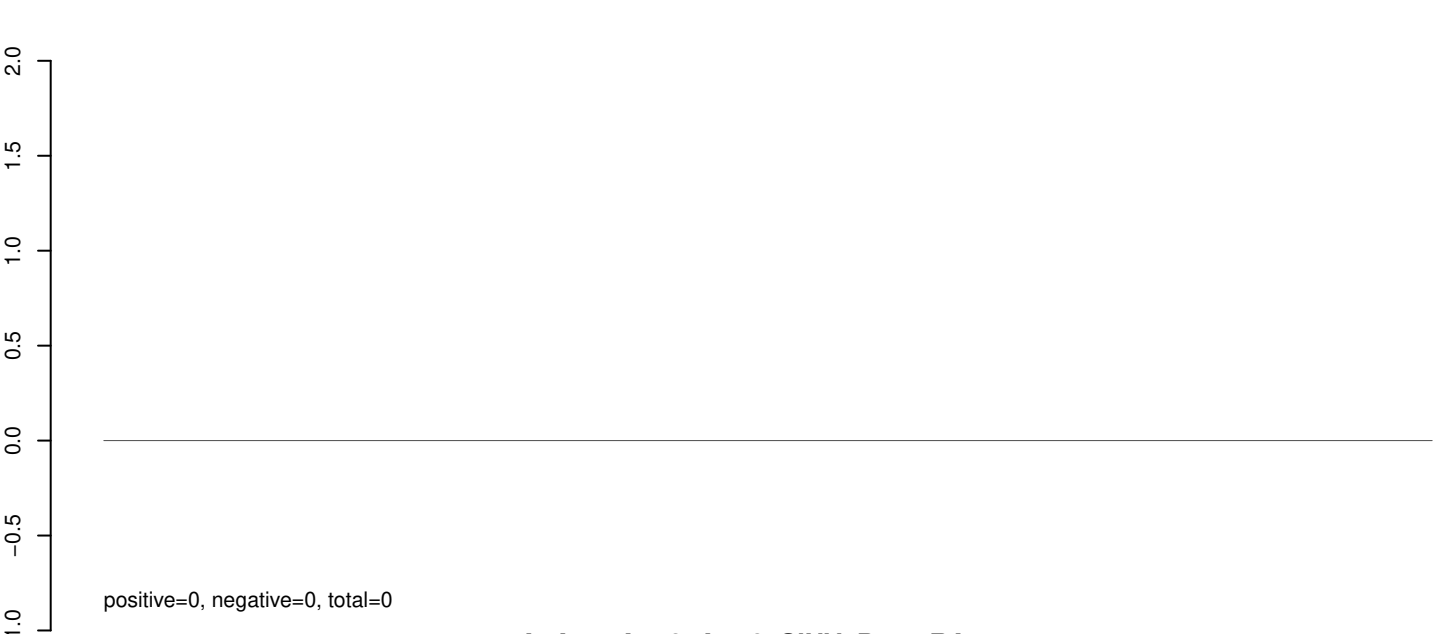




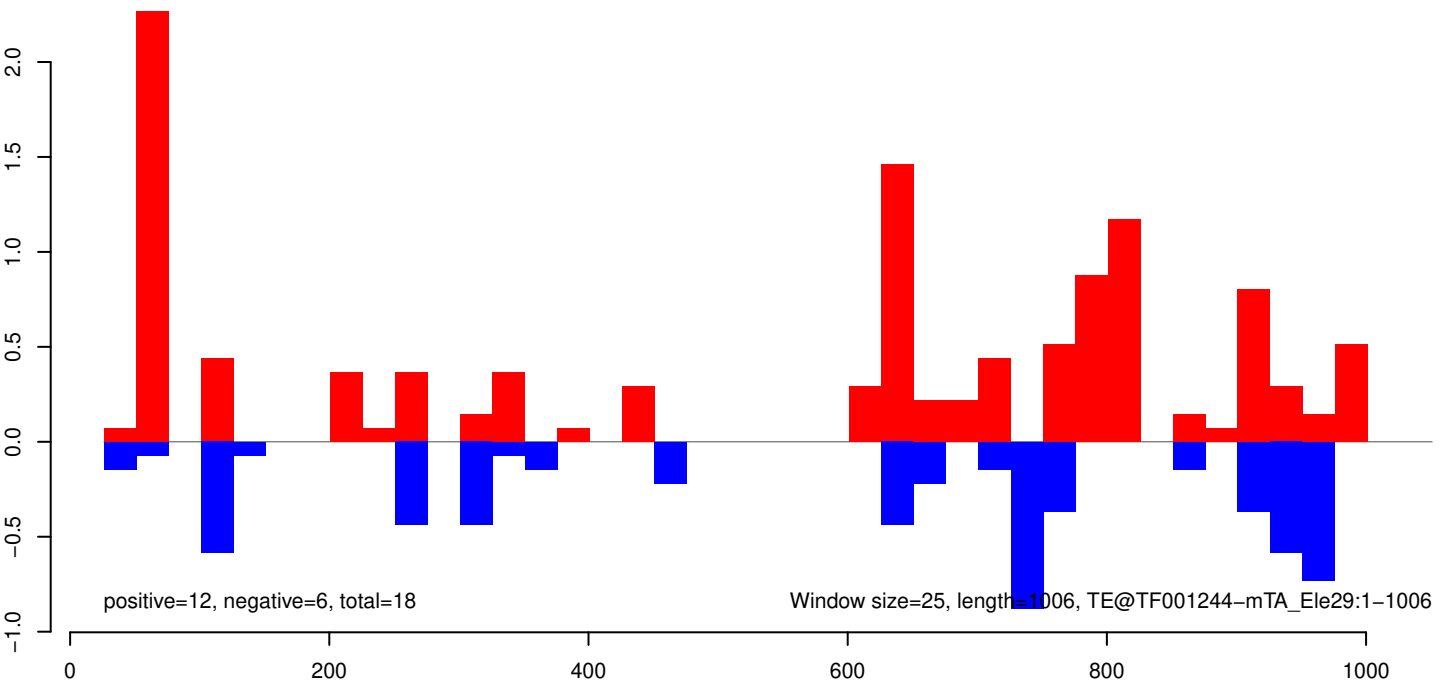
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



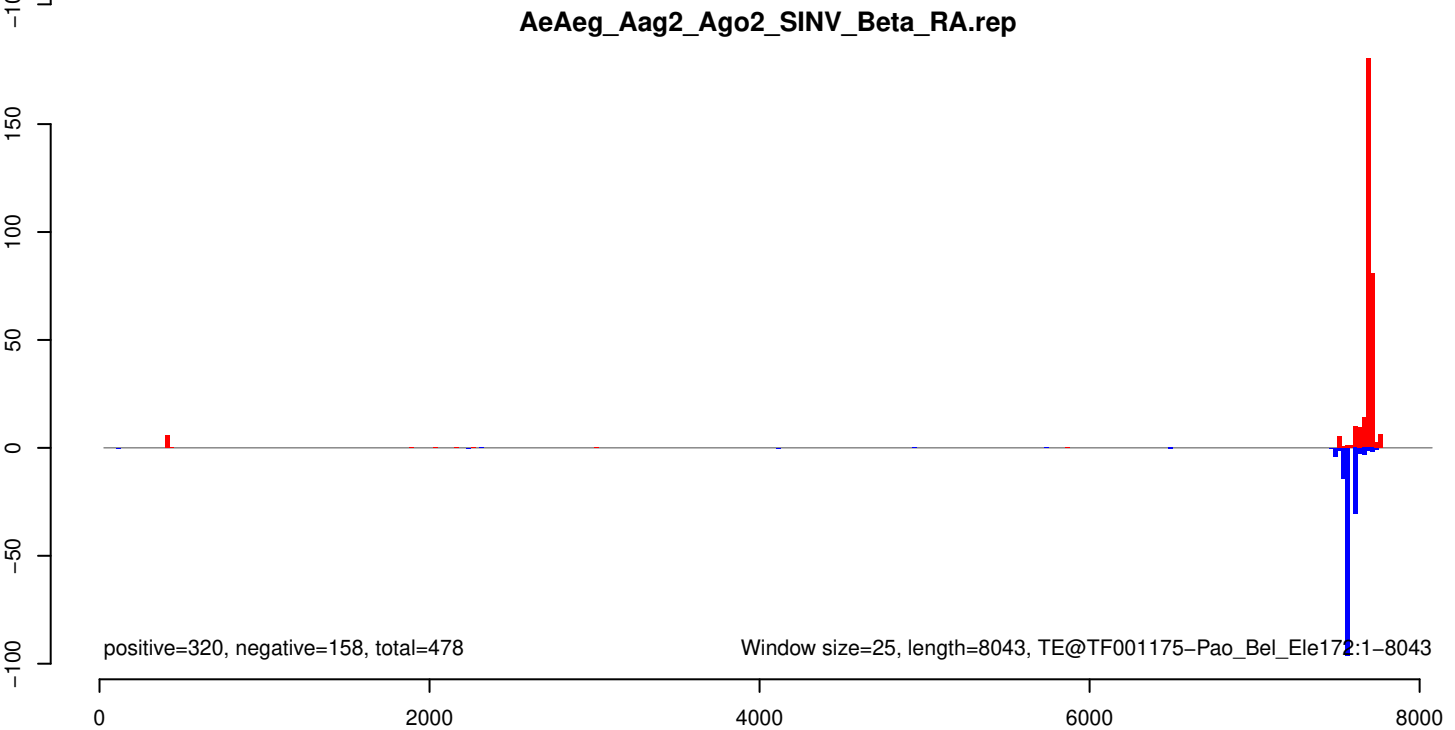
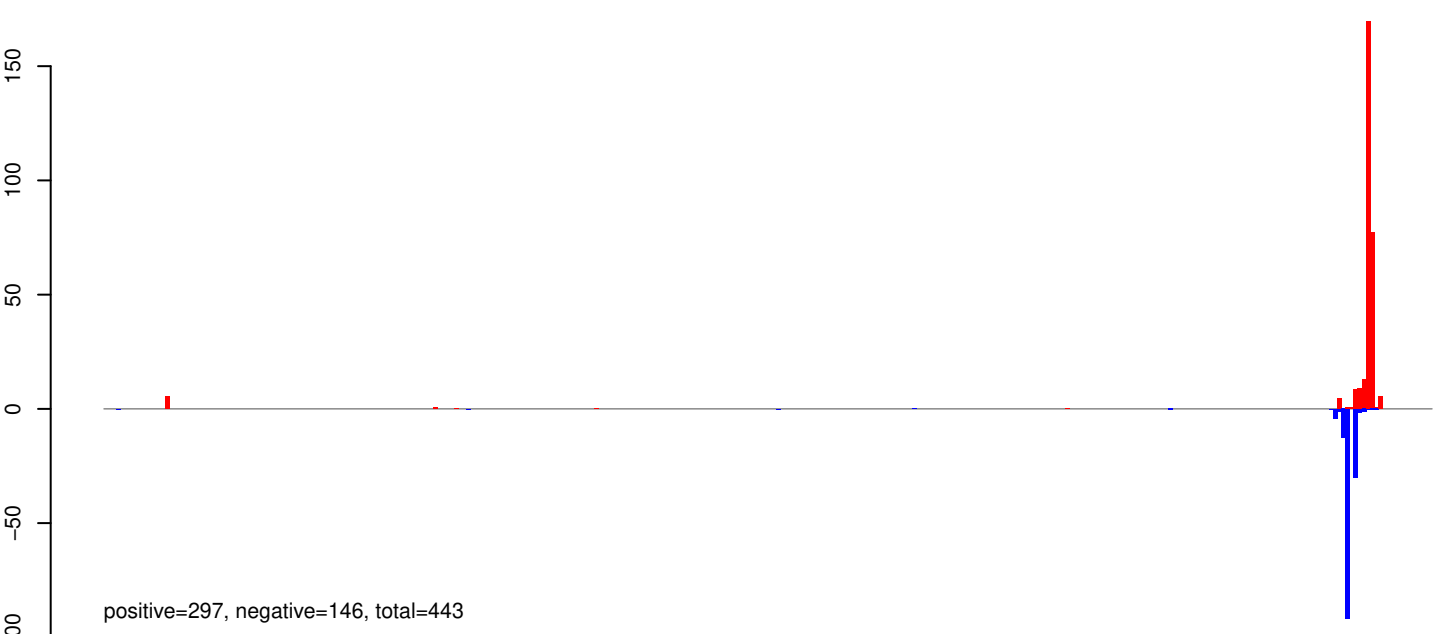
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



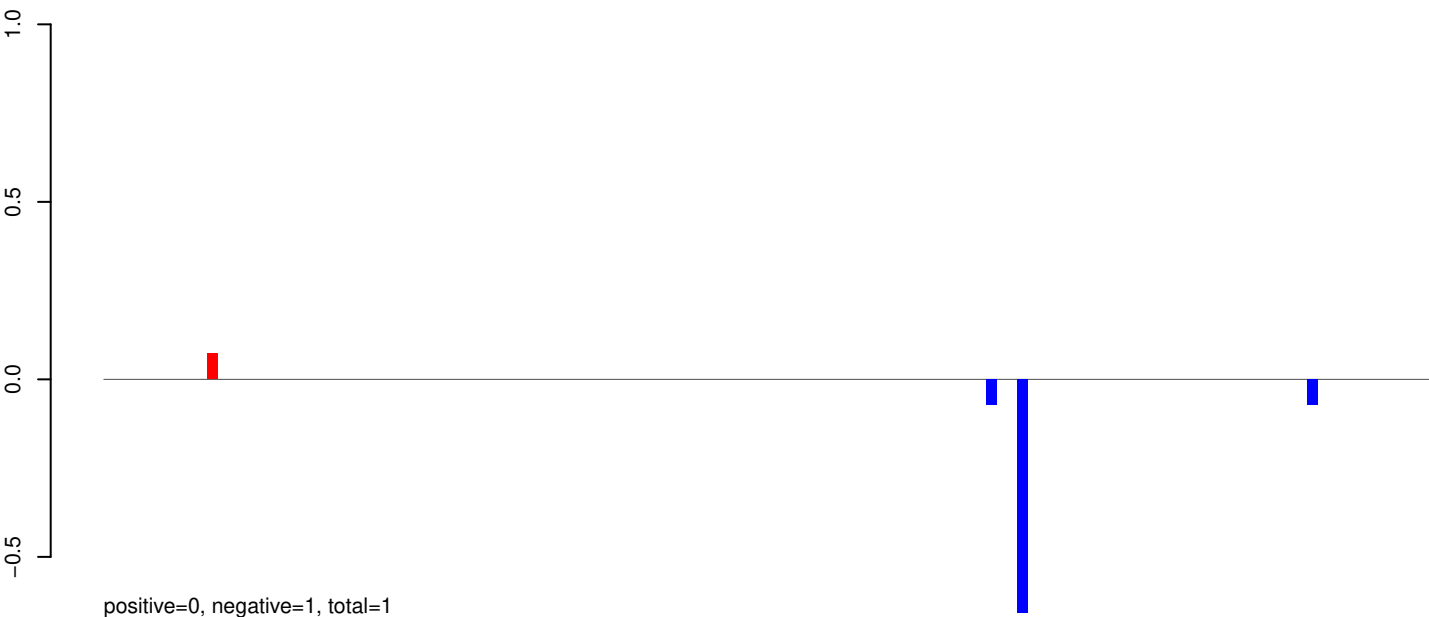
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



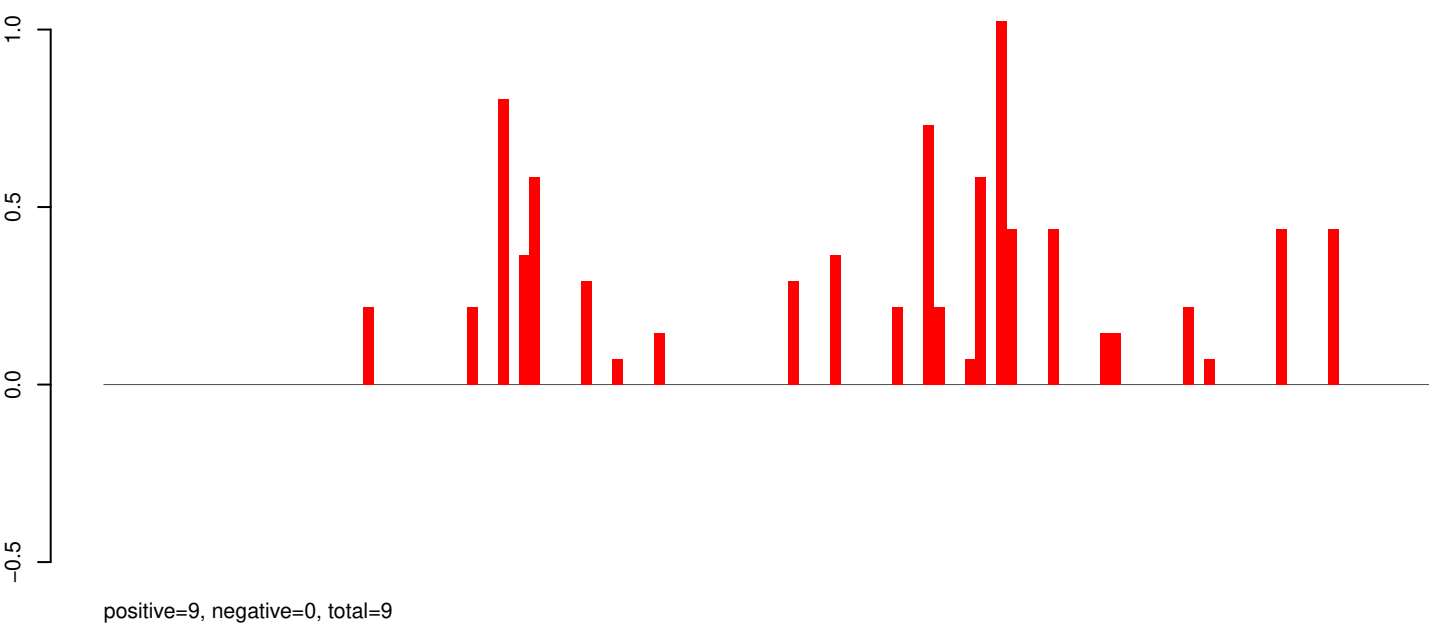
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



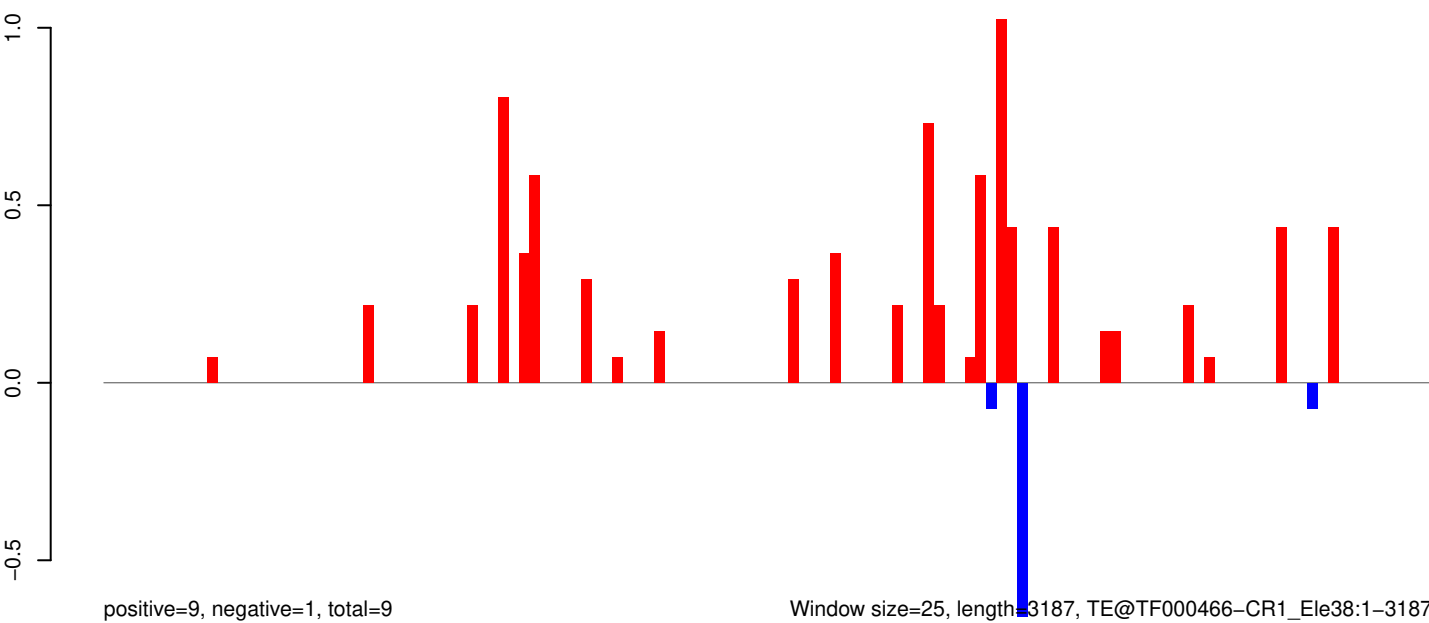
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

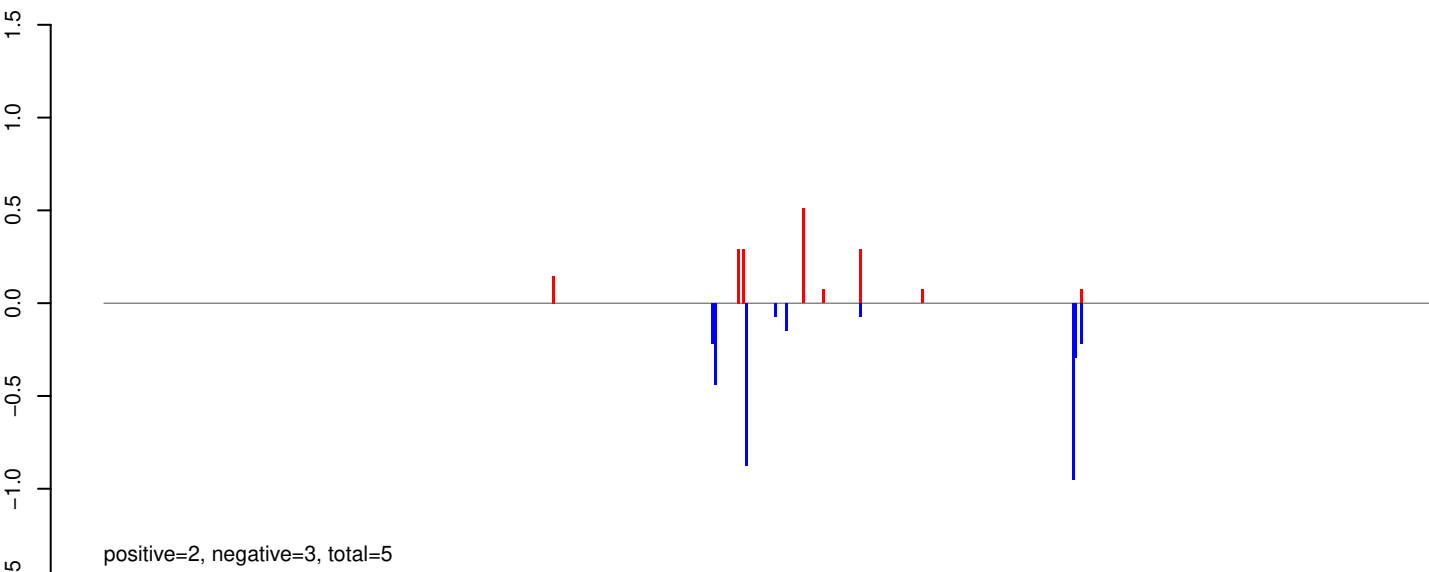


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

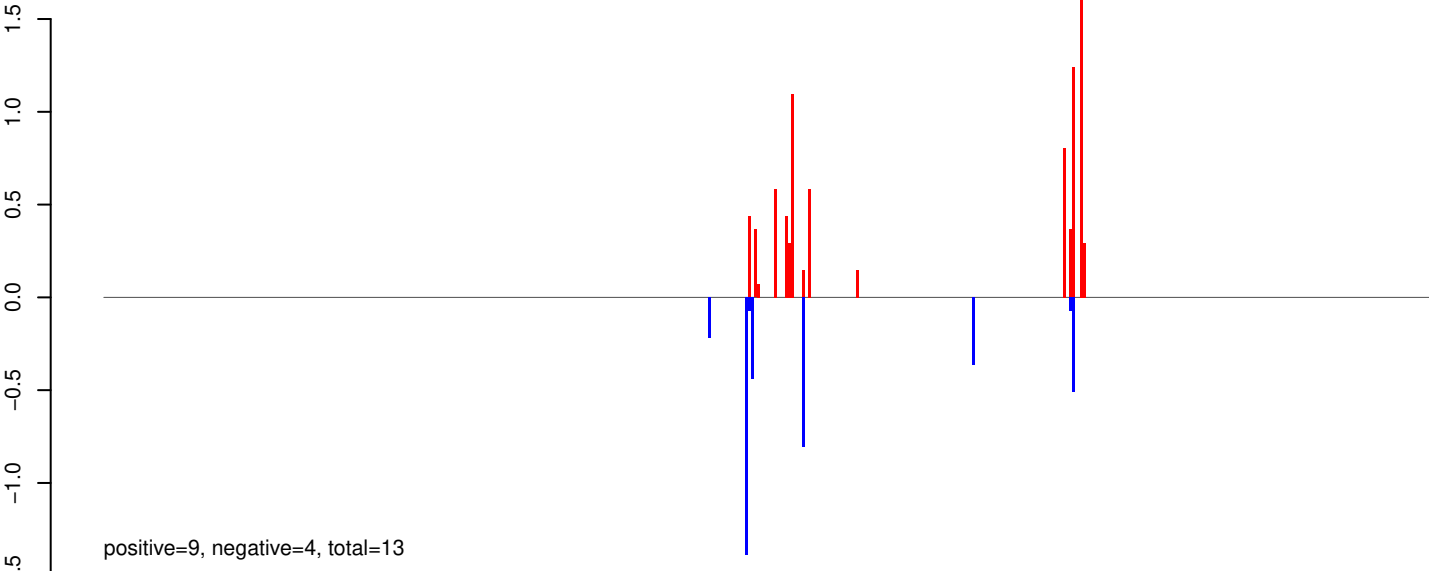


Window size=25, length=3187, TE@TF000466-CR1\_Ele38:1-3187

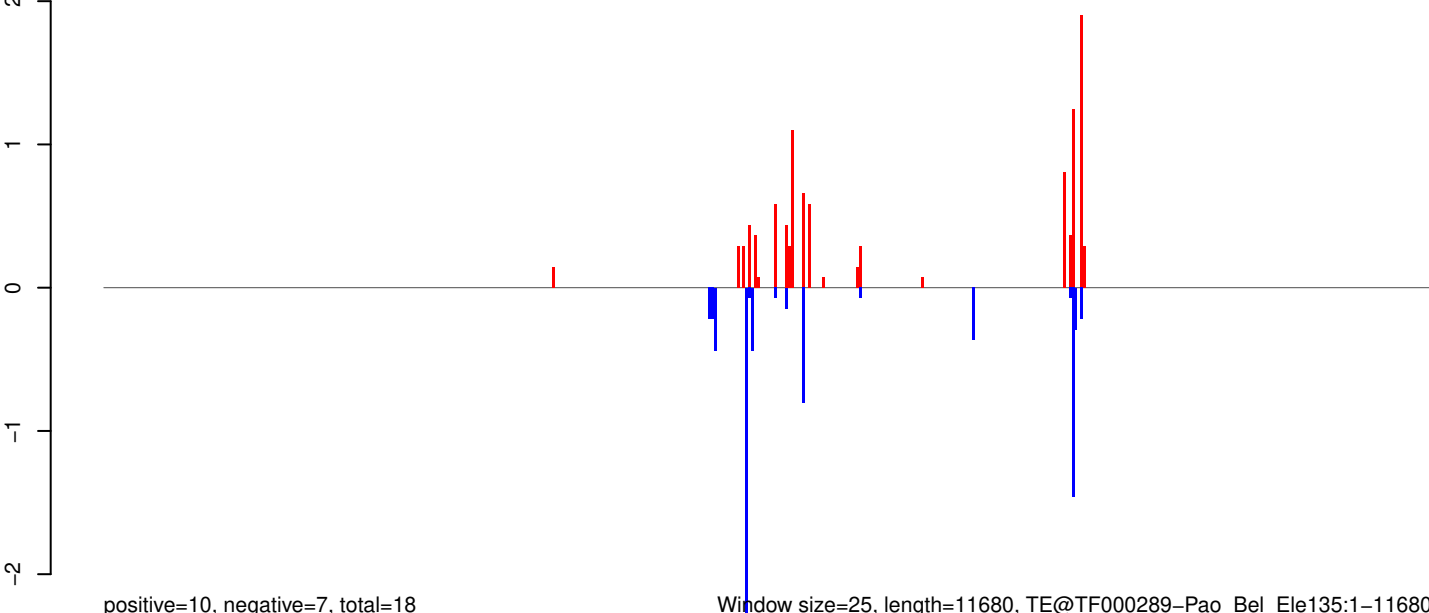
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



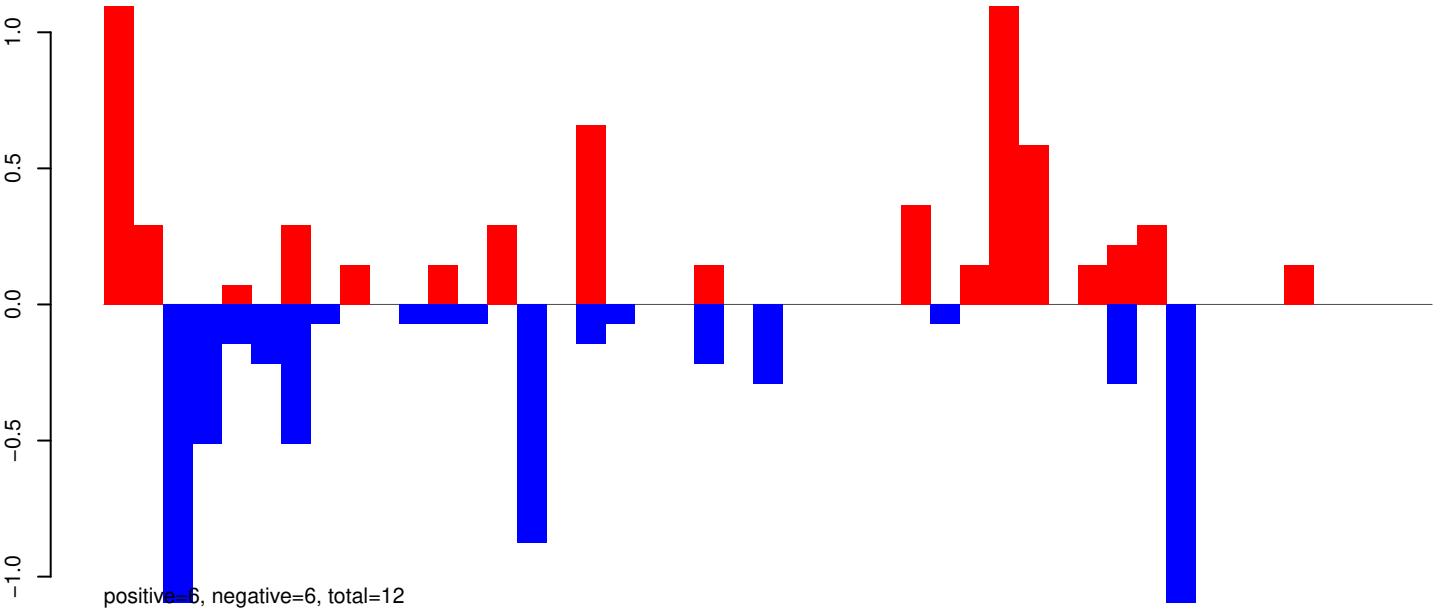
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



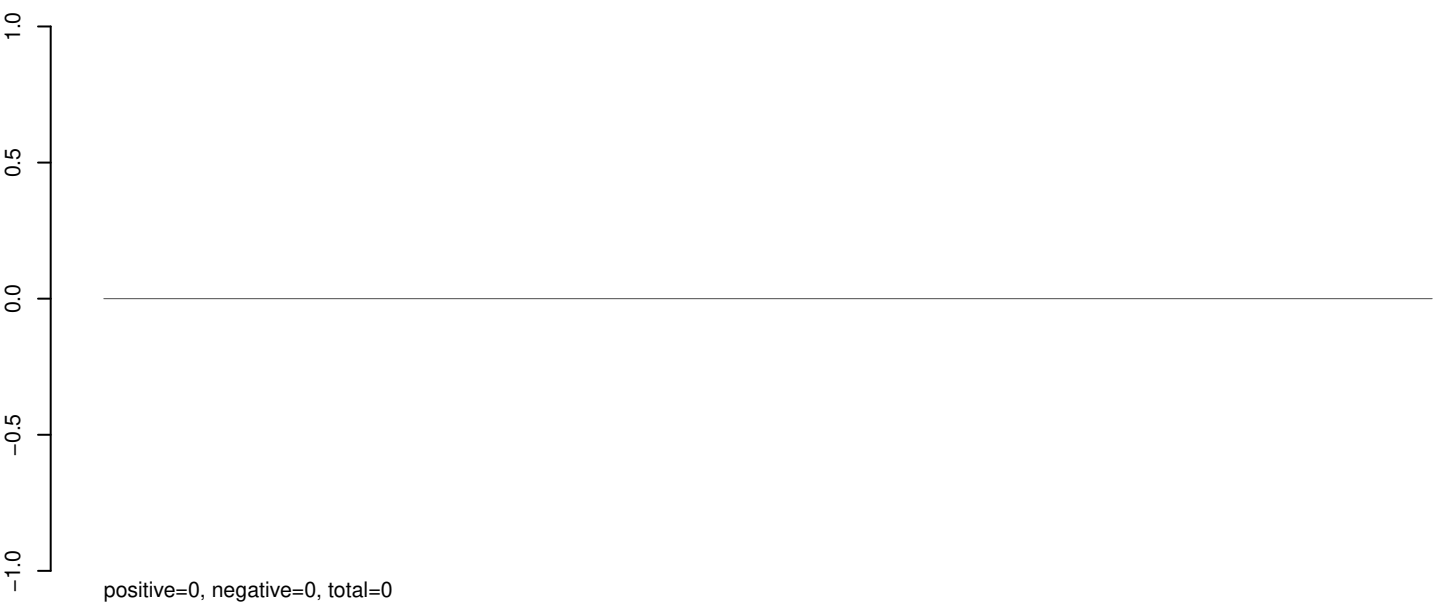
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



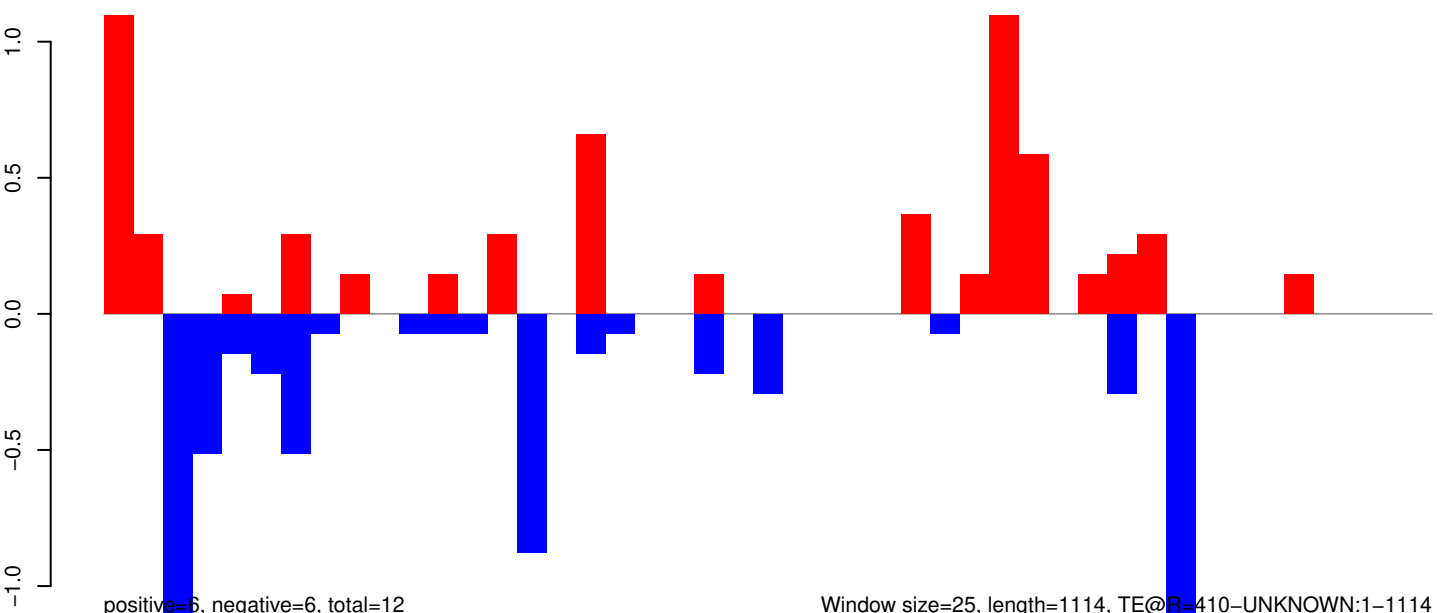
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



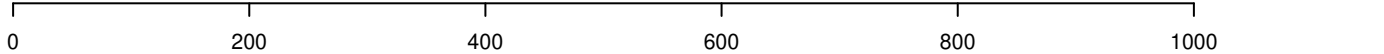
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



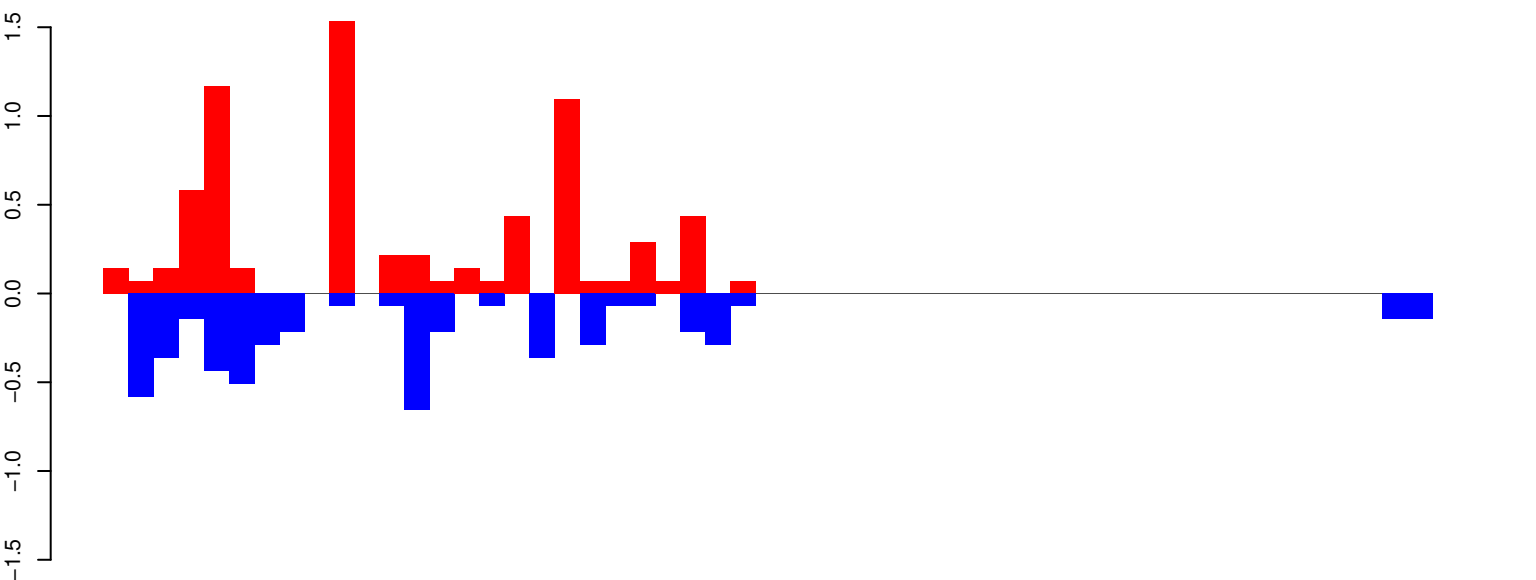
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



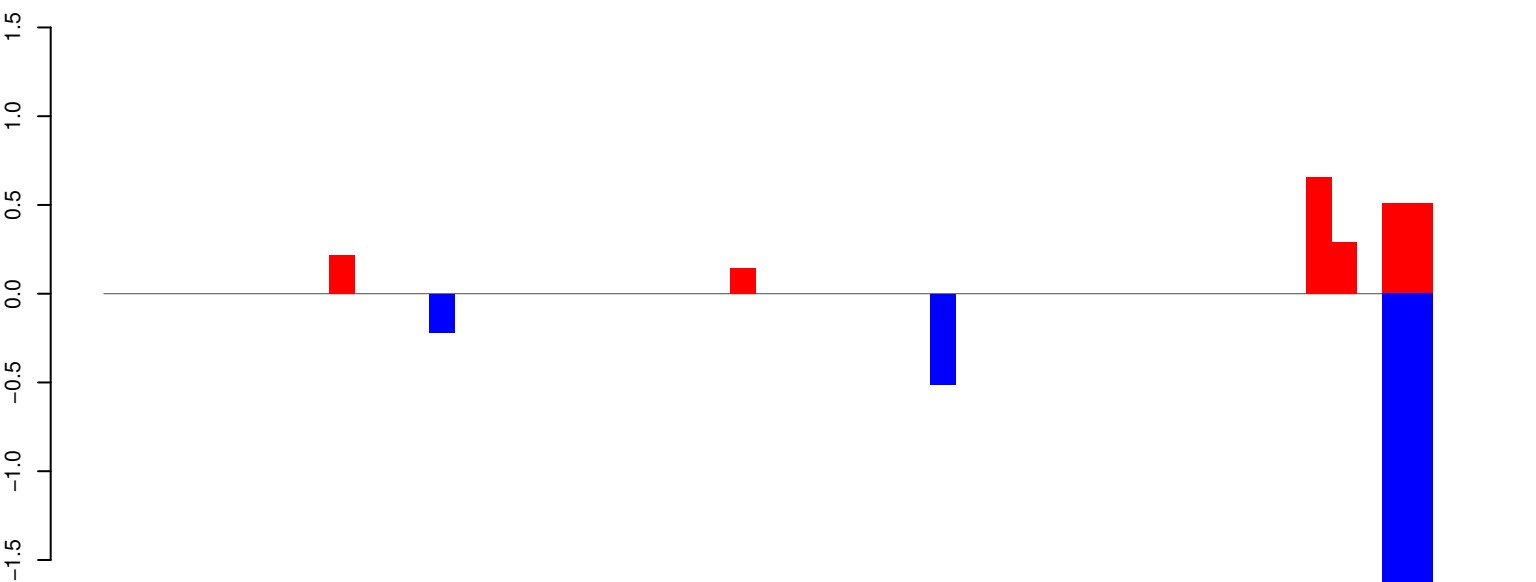
Window size=25, length=1114, TE@B=410-UNKNOWN:1-1114



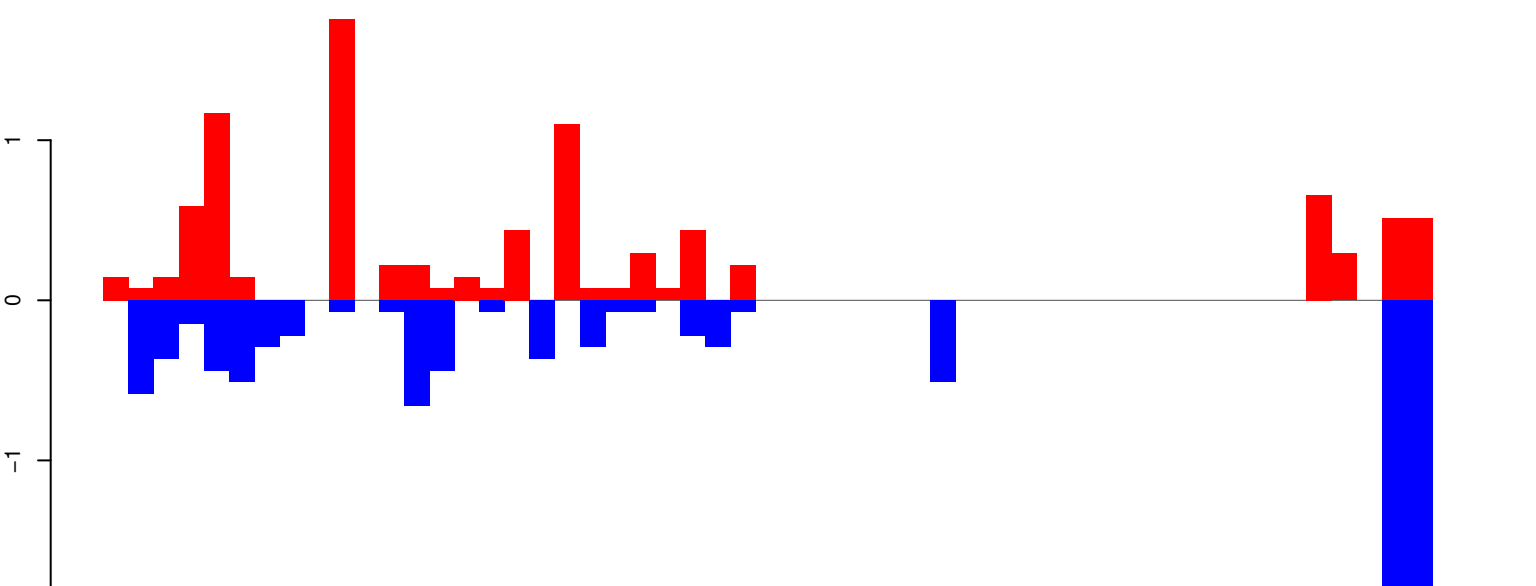
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

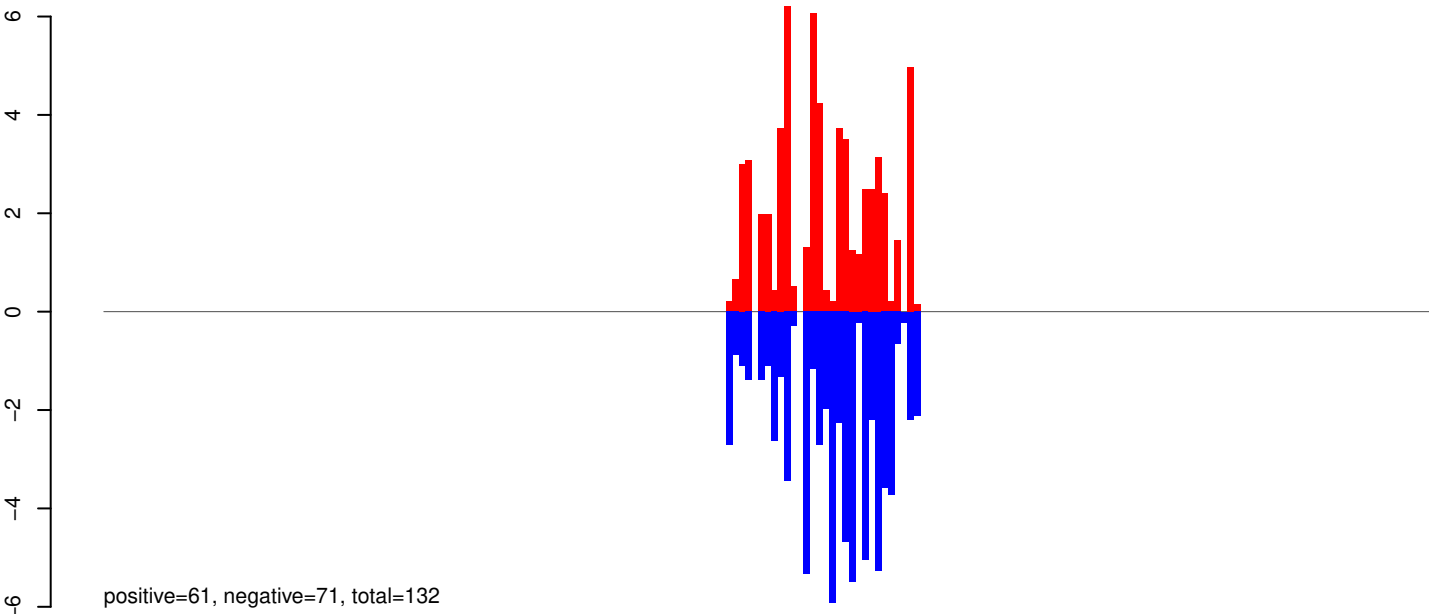


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

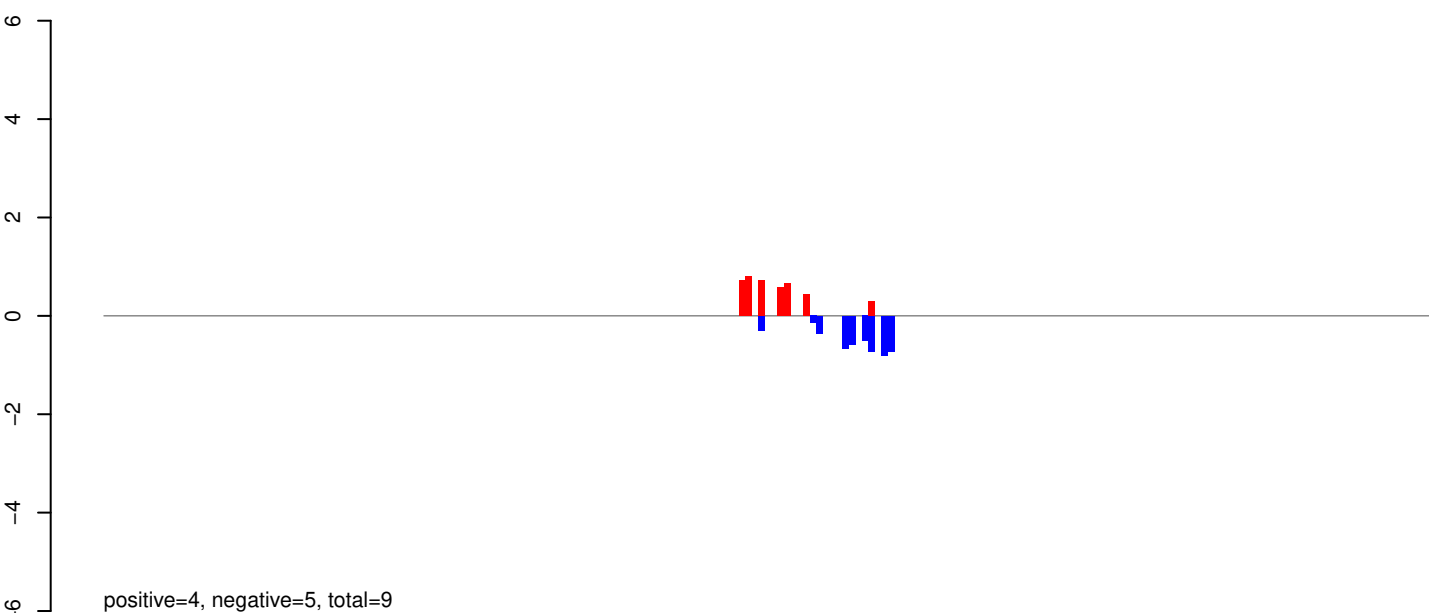


Window size=25, length=1323, TE@R=165-UNKNOWN:1-1323

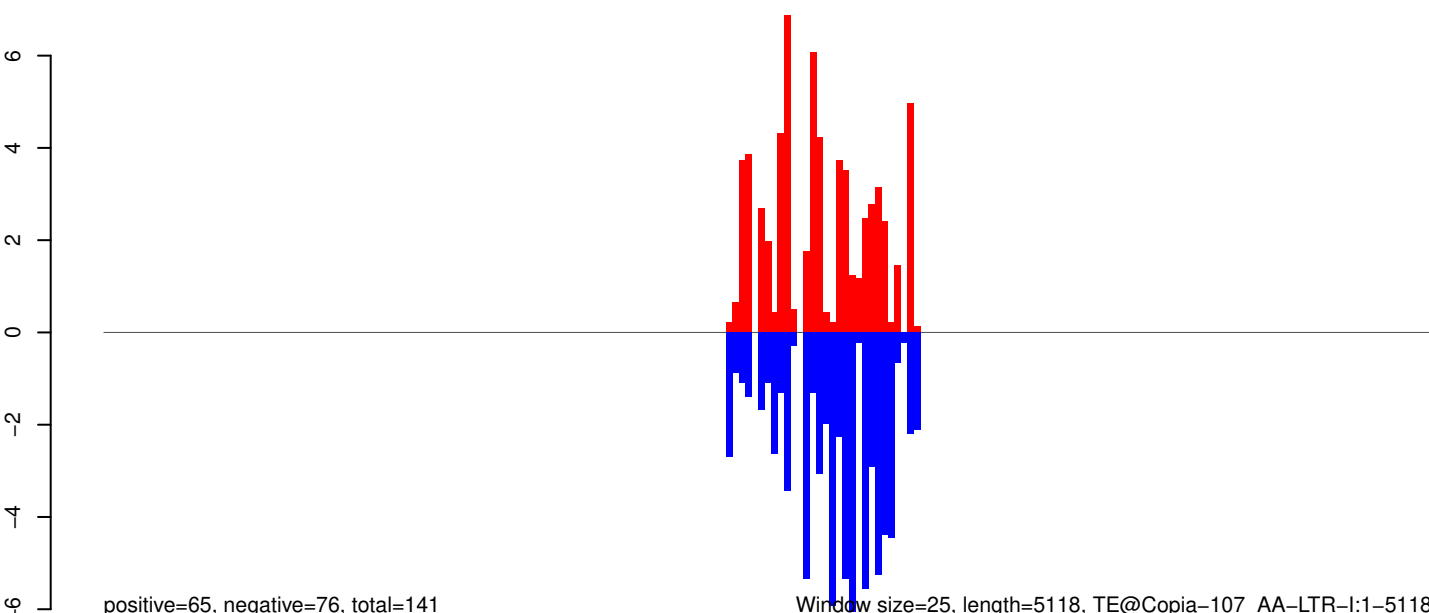
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



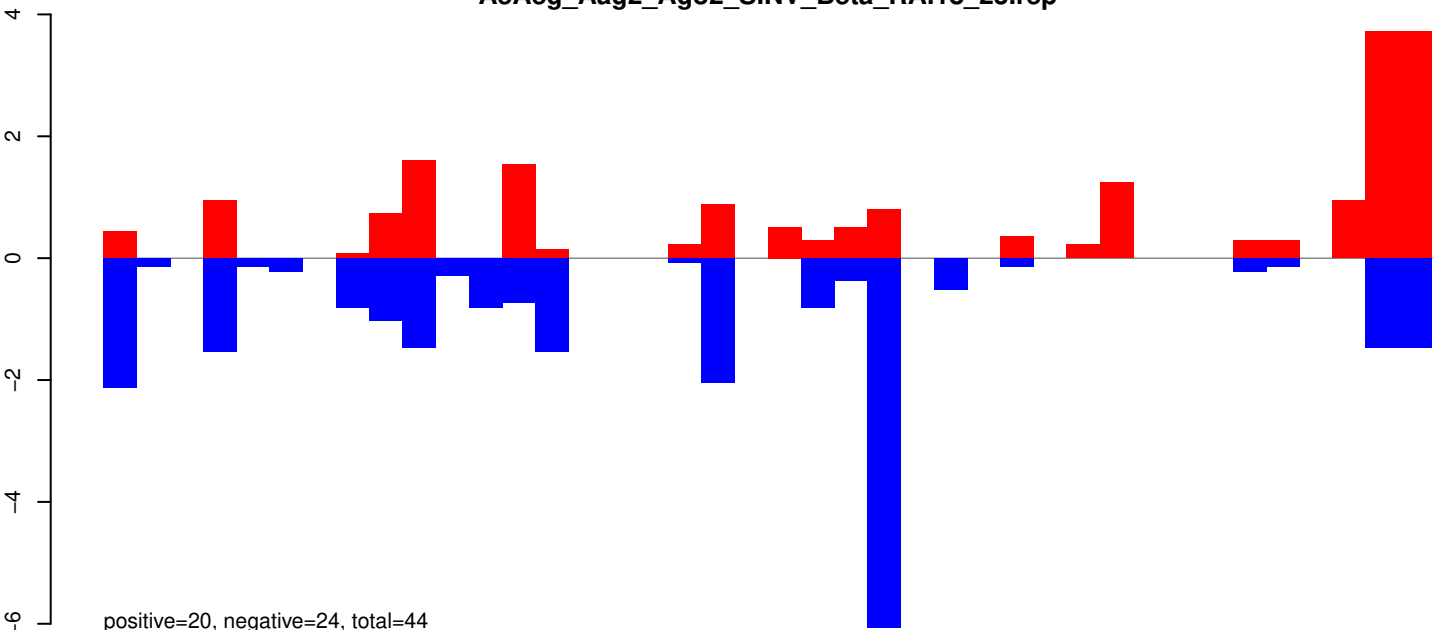
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=5118, TE@Copia-107\_AA-LTR-I:1-5118

0 1000 2000 3000 4000 5000

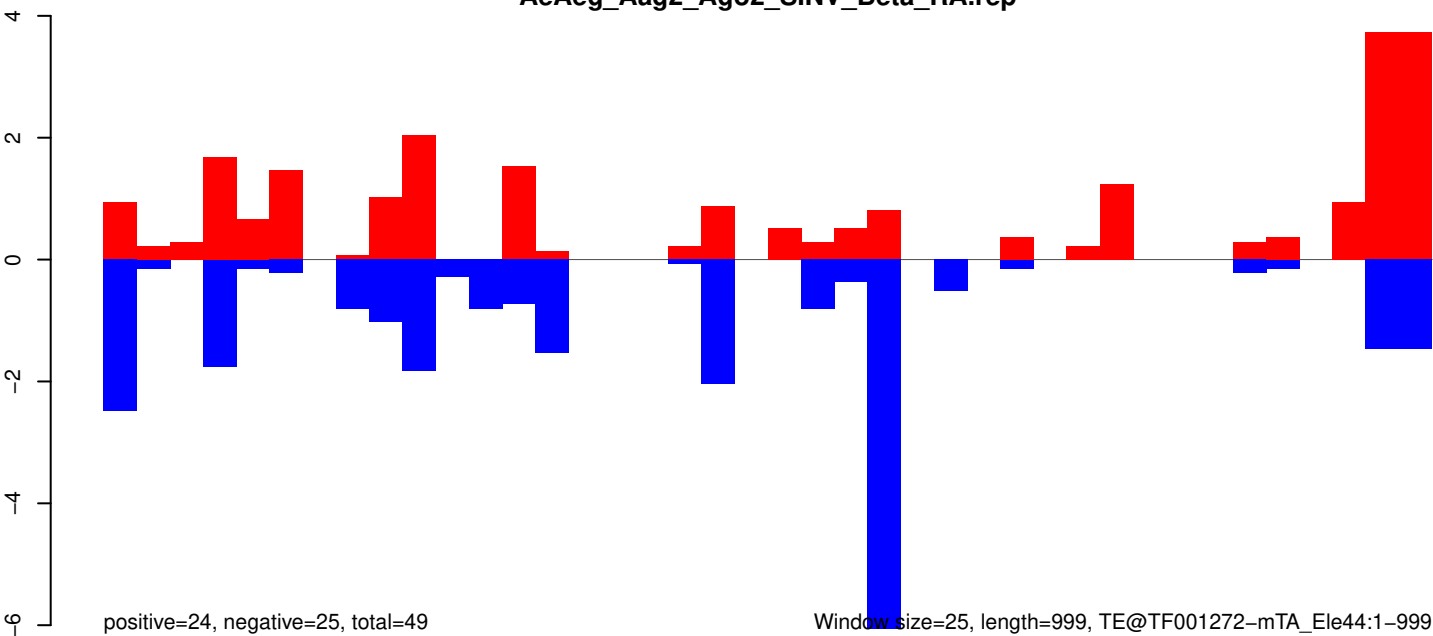
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

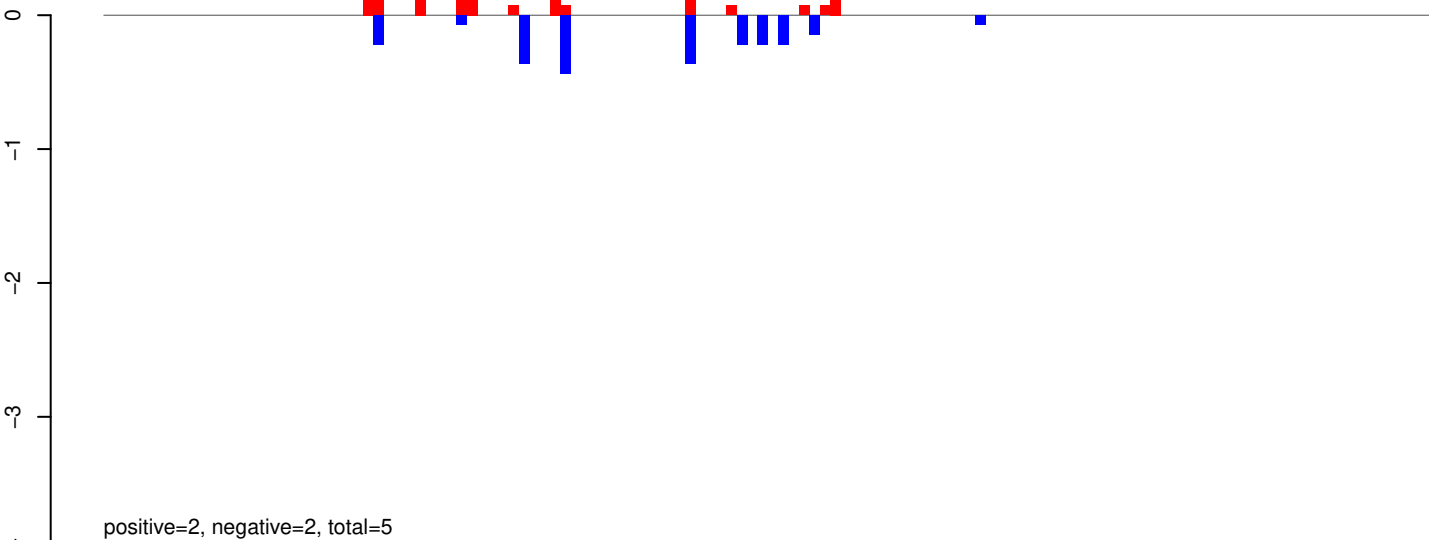


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

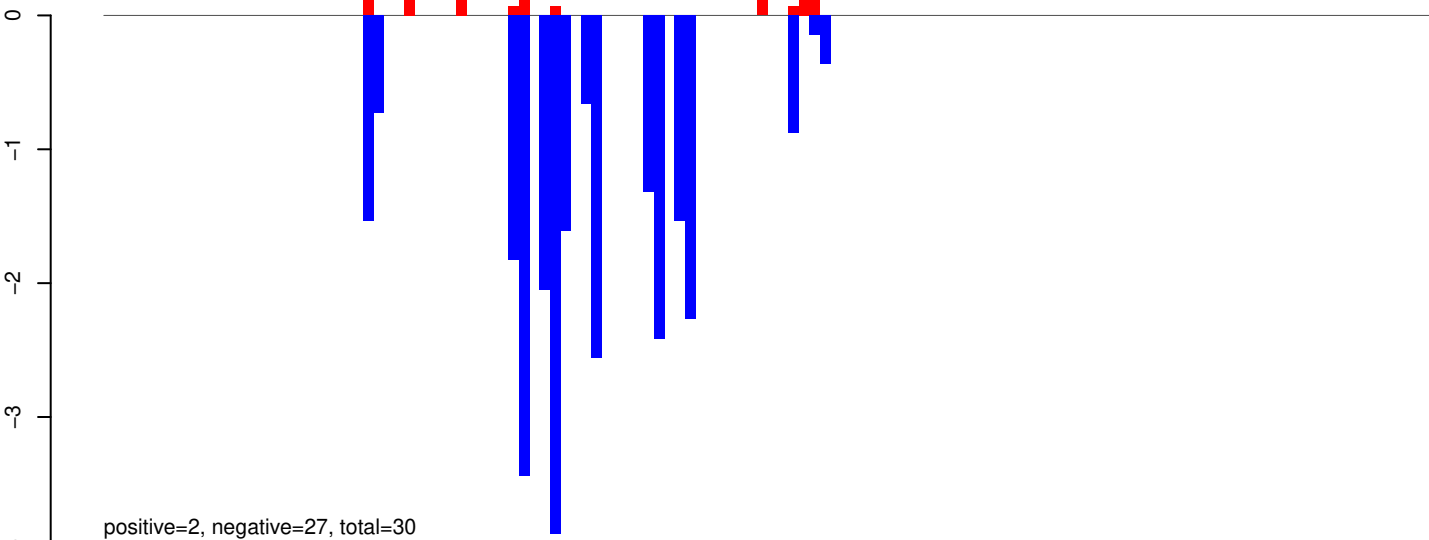




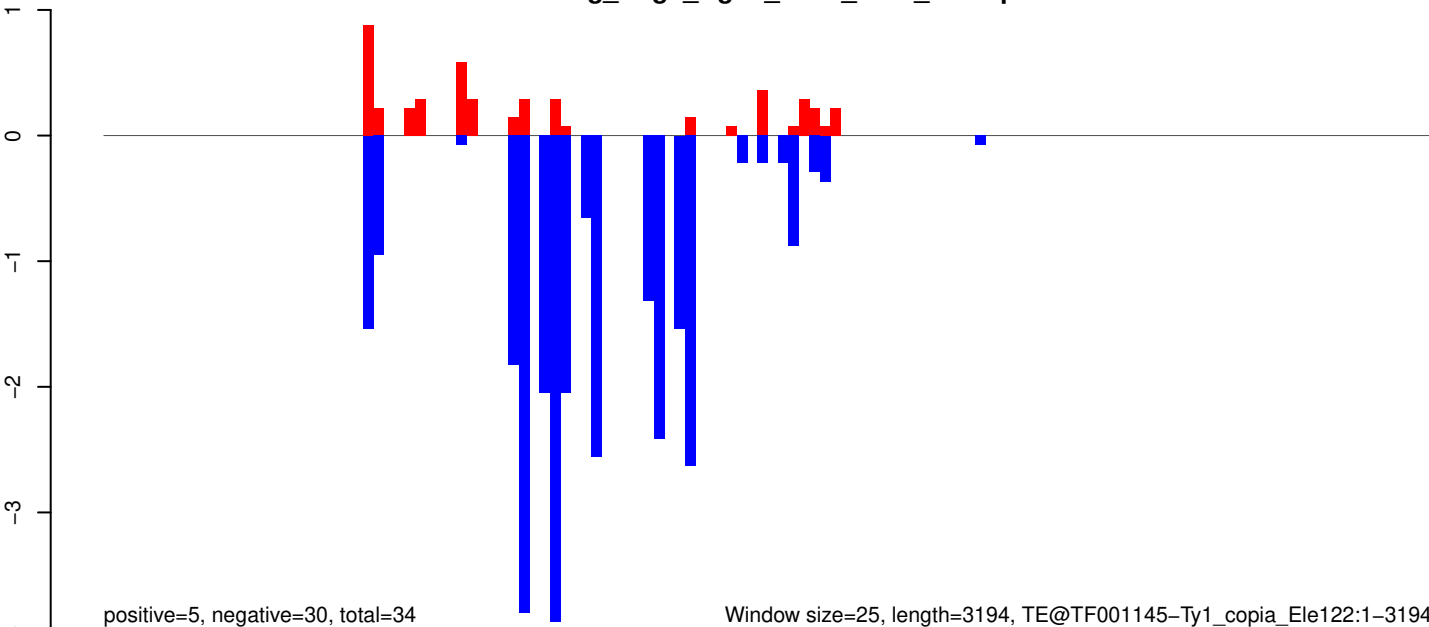
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



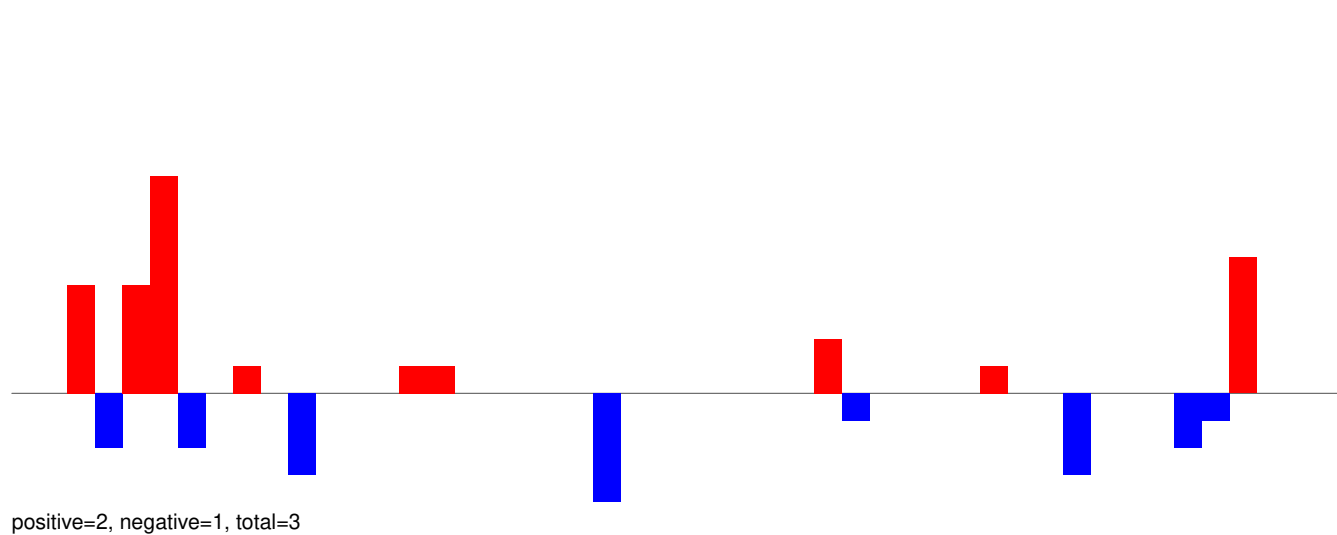
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



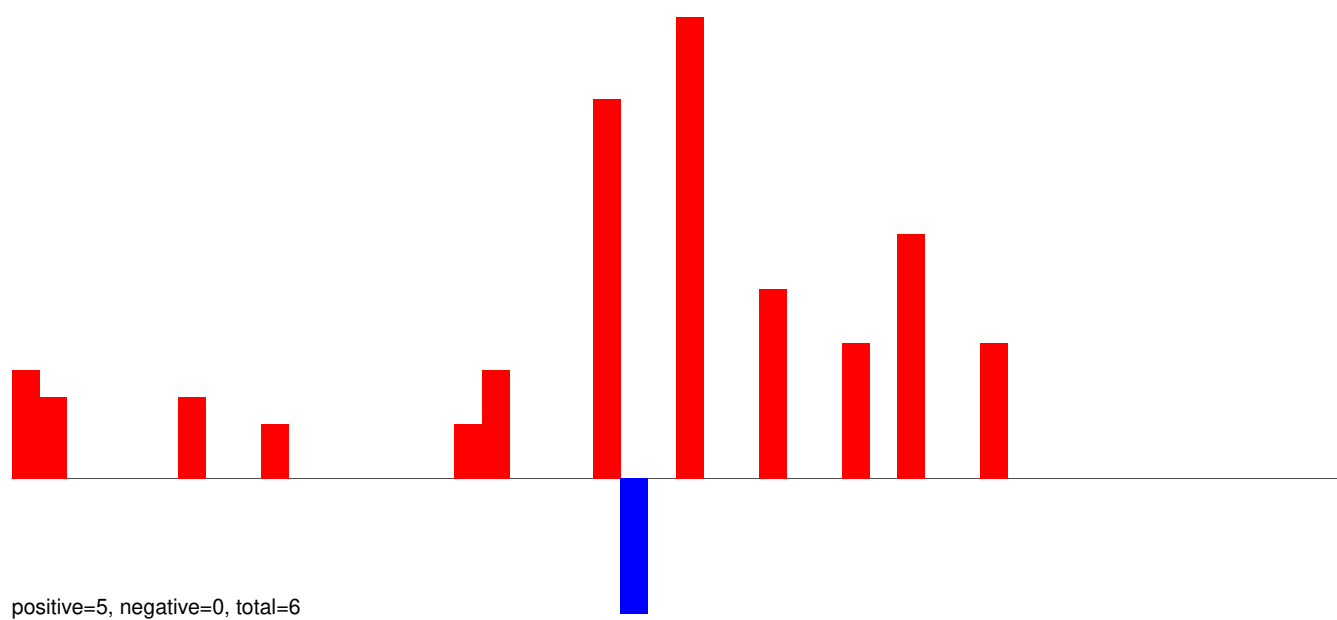
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



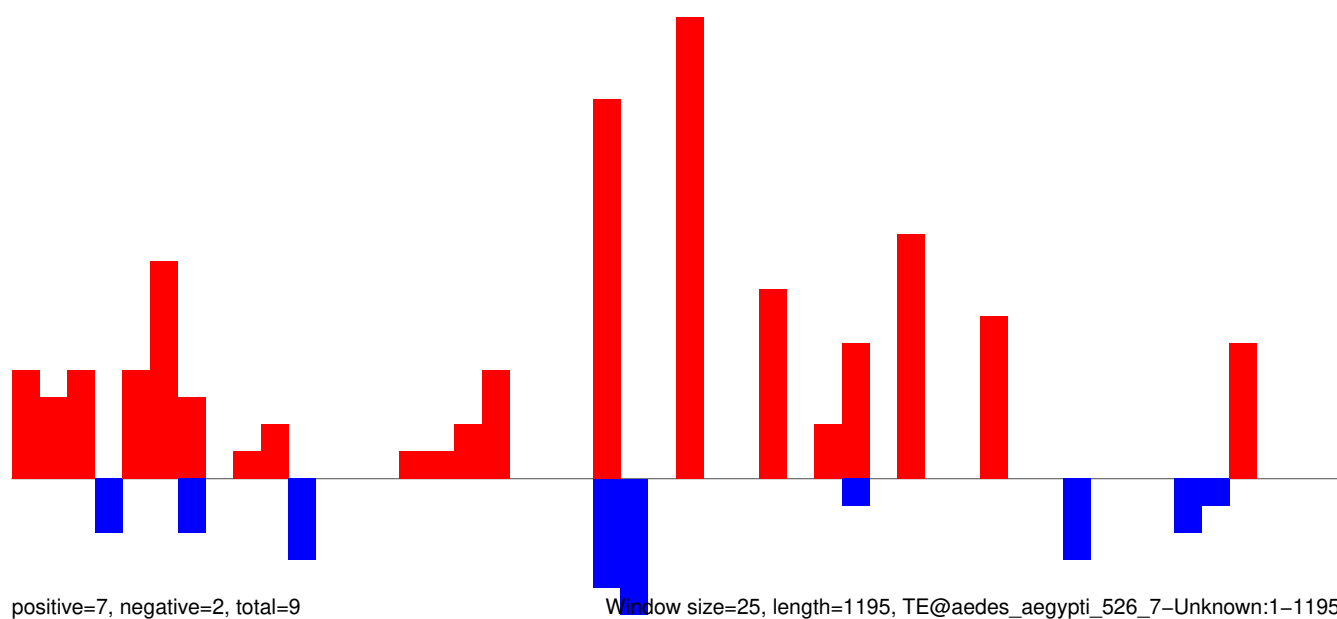
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



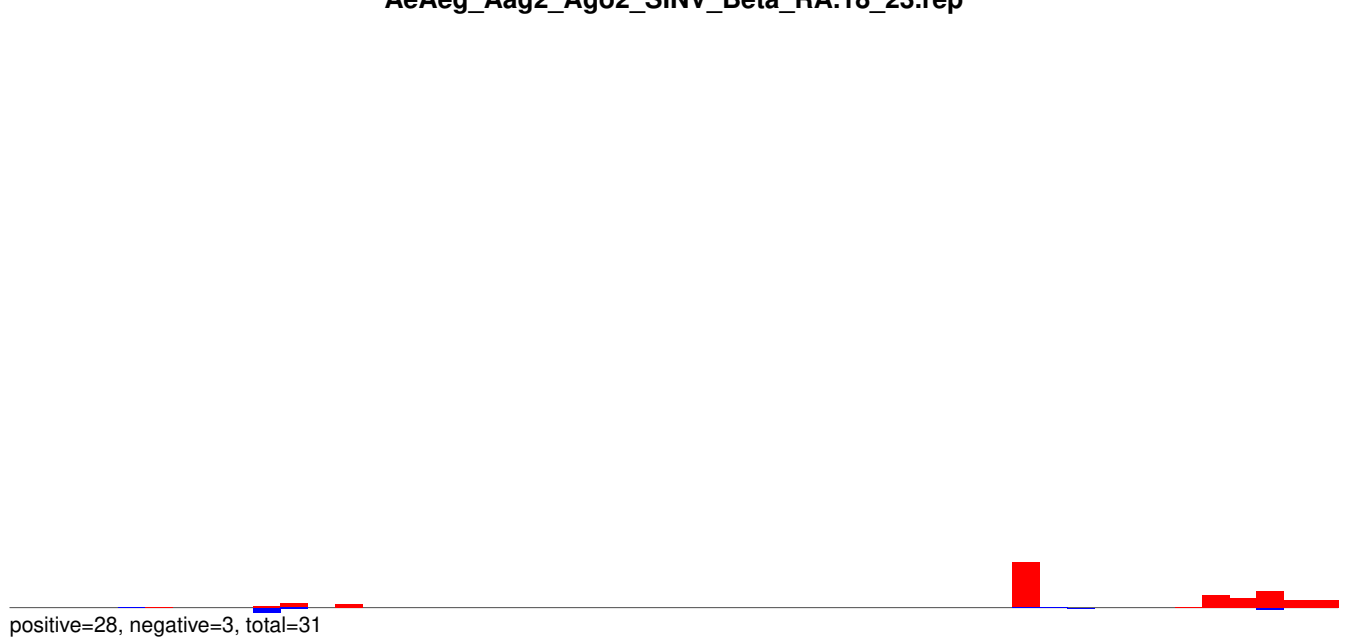
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



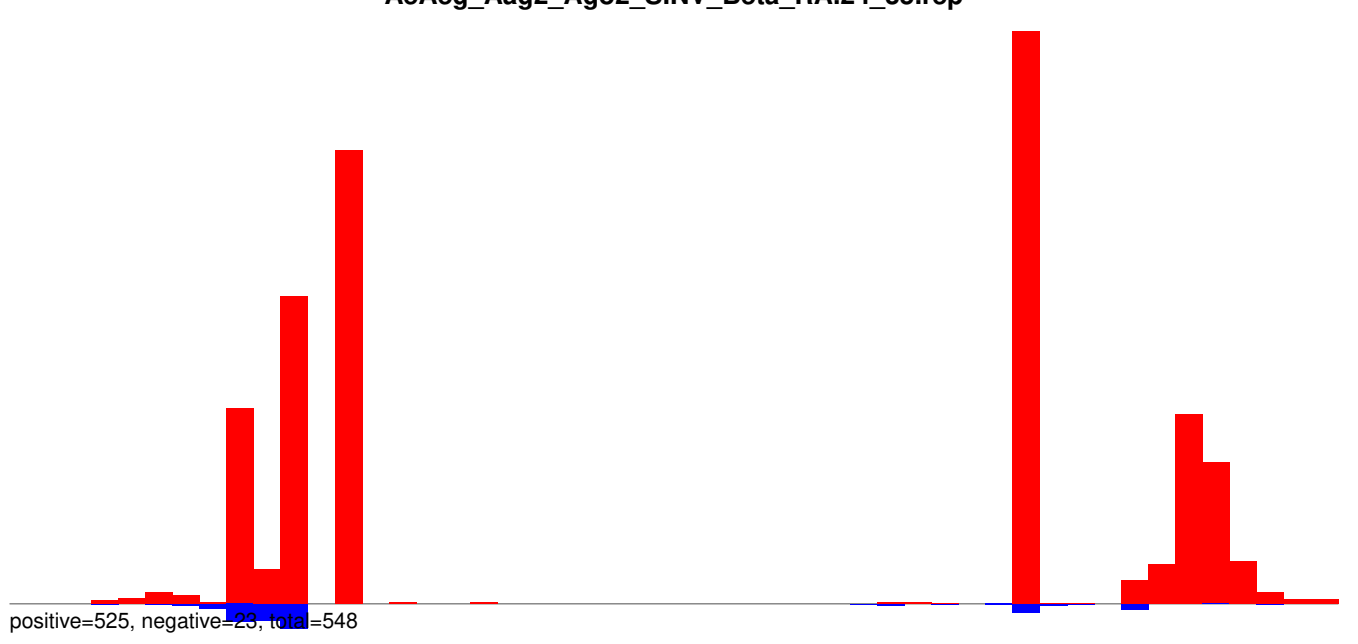
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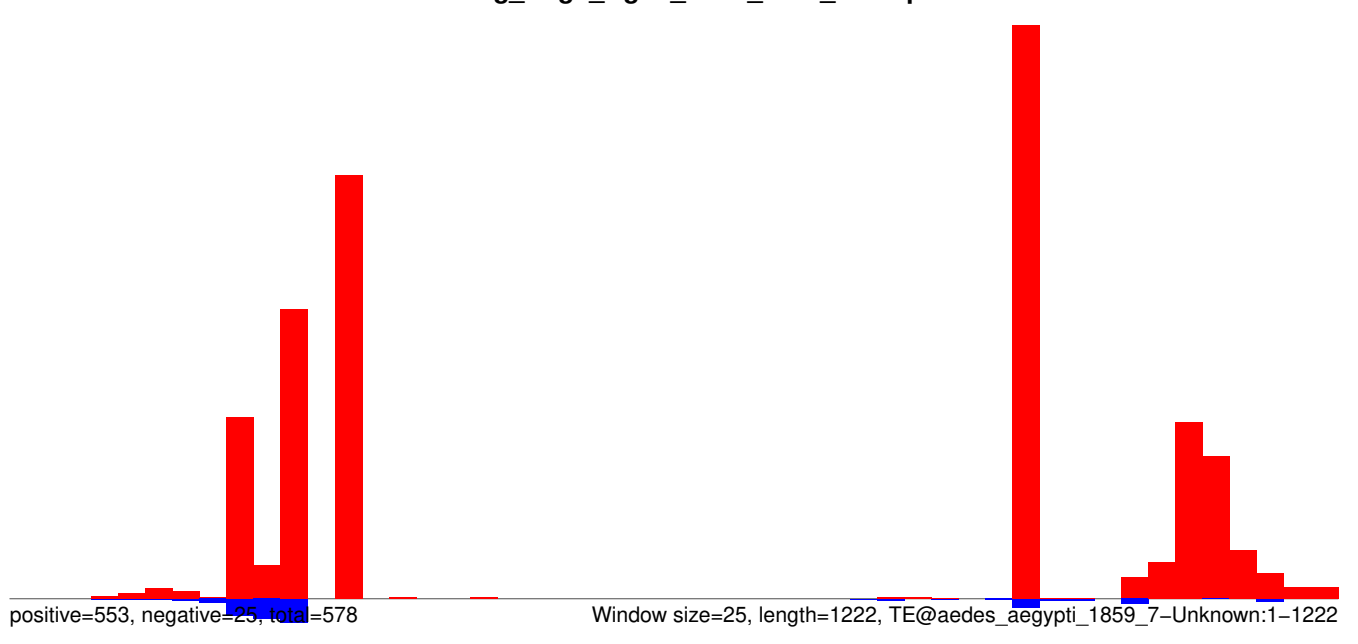
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



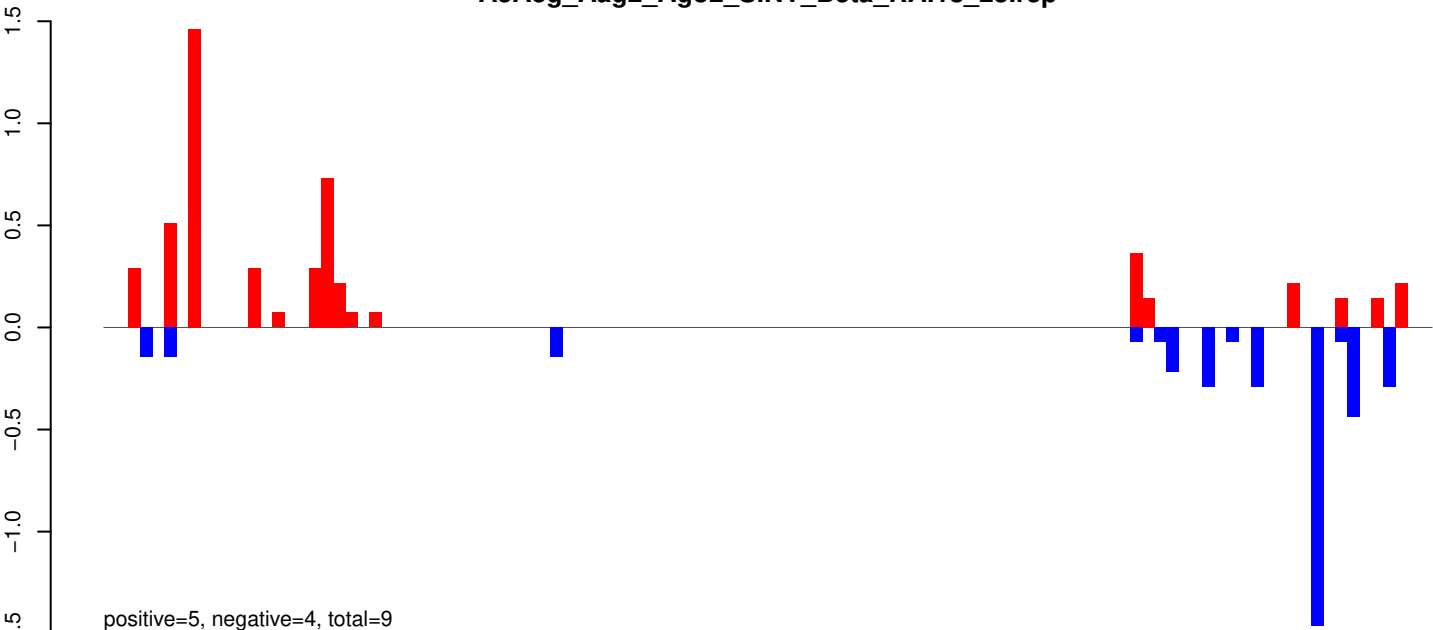
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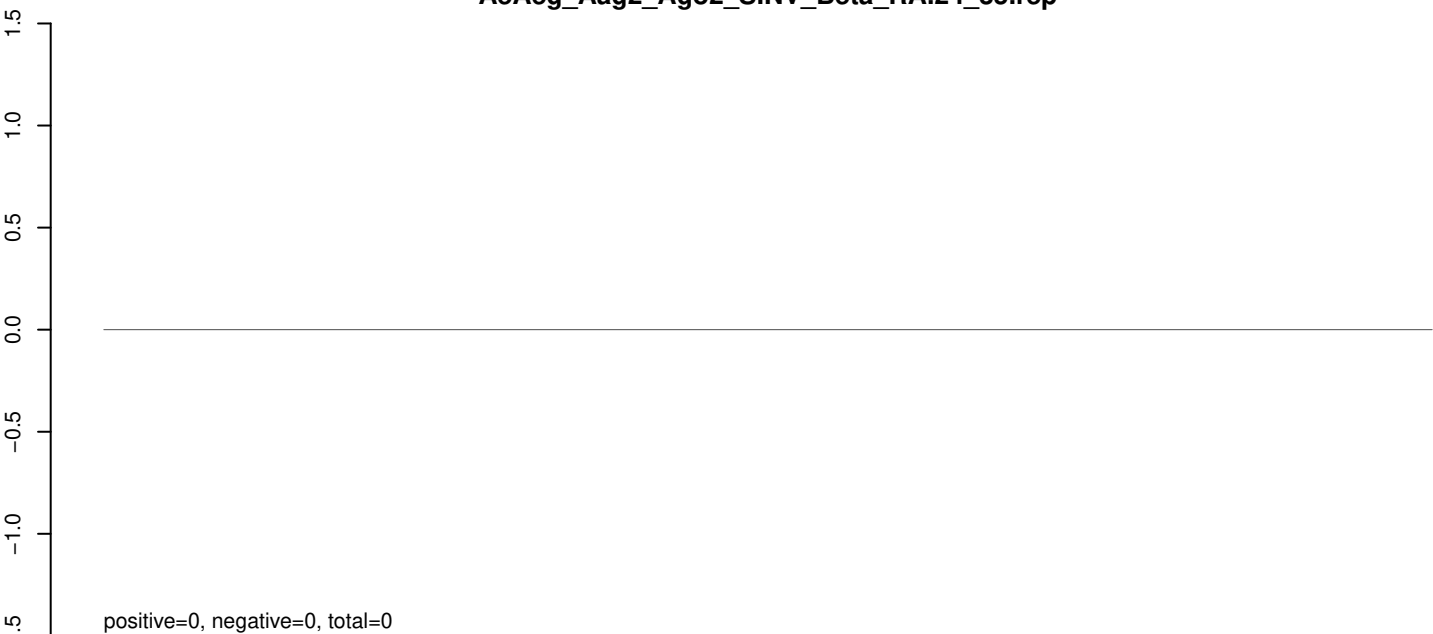
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



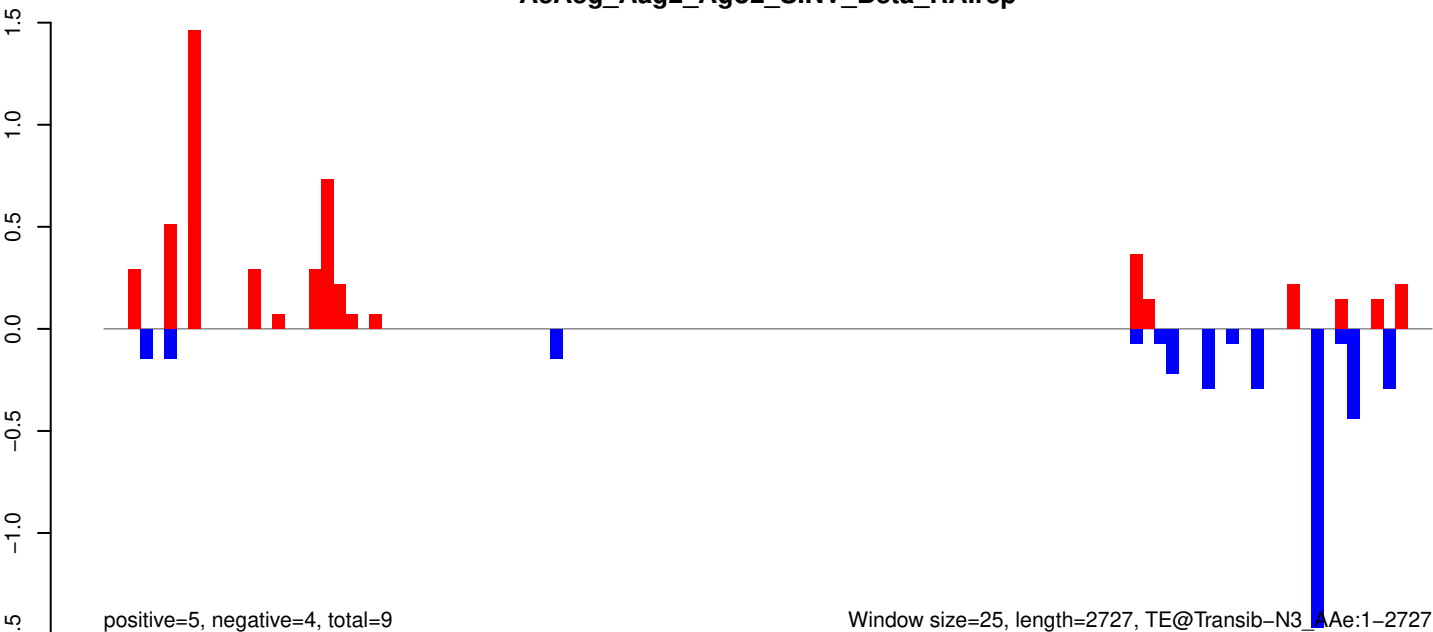
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



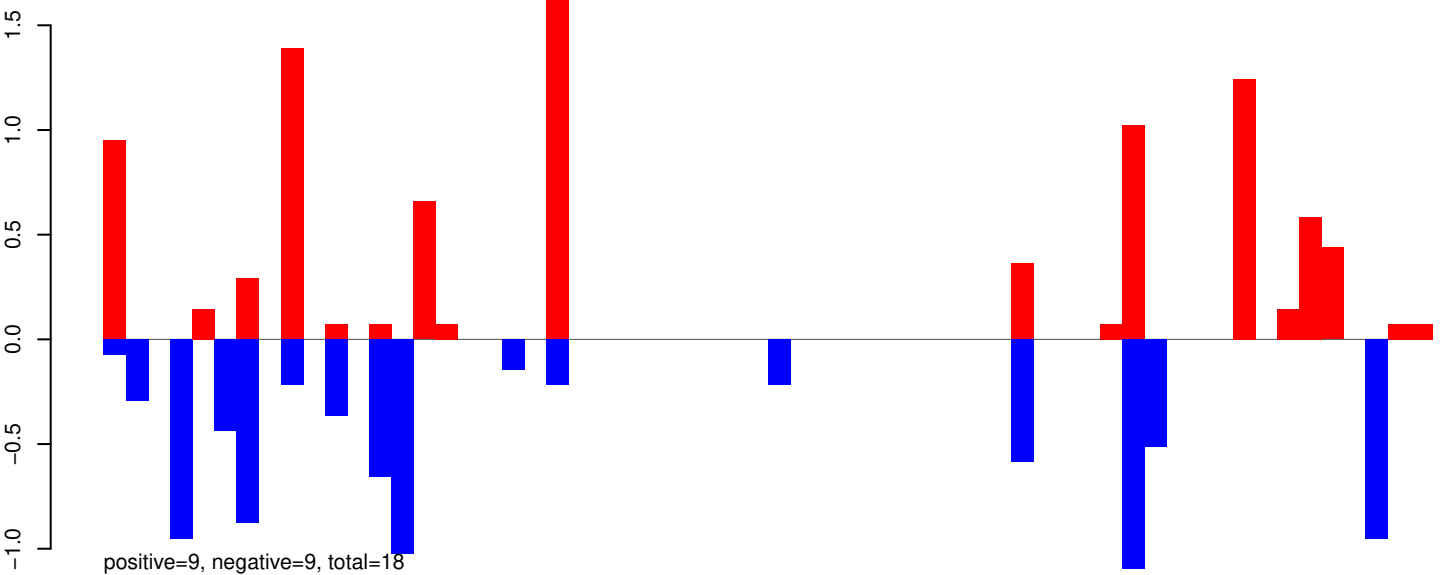
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



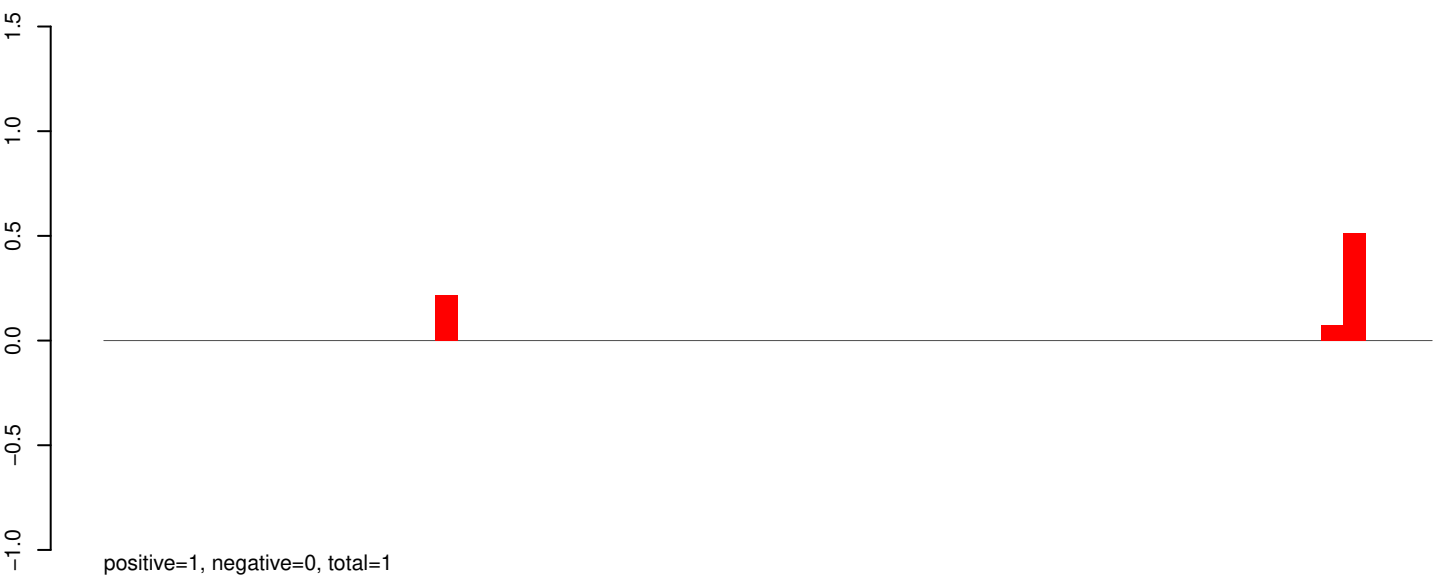
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



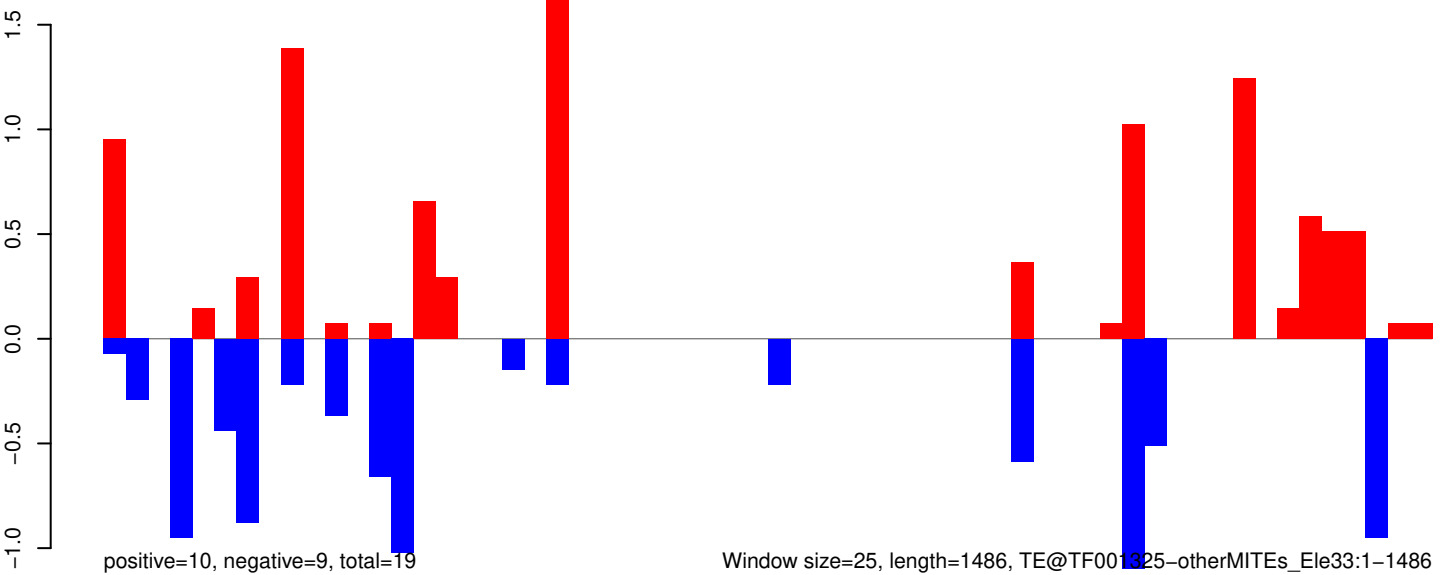
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



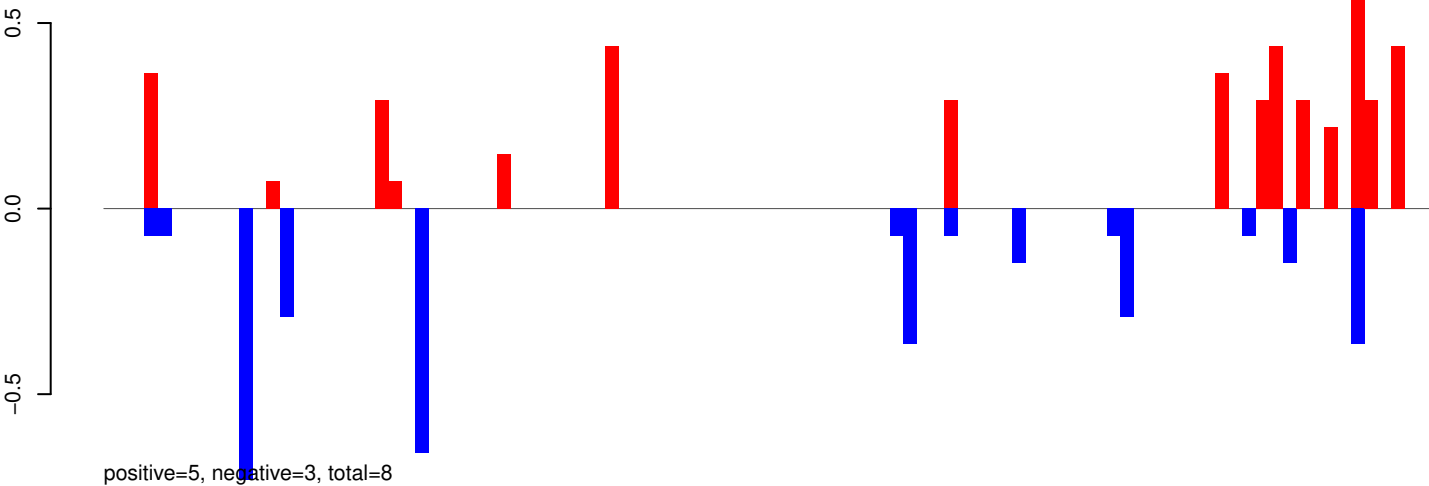
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



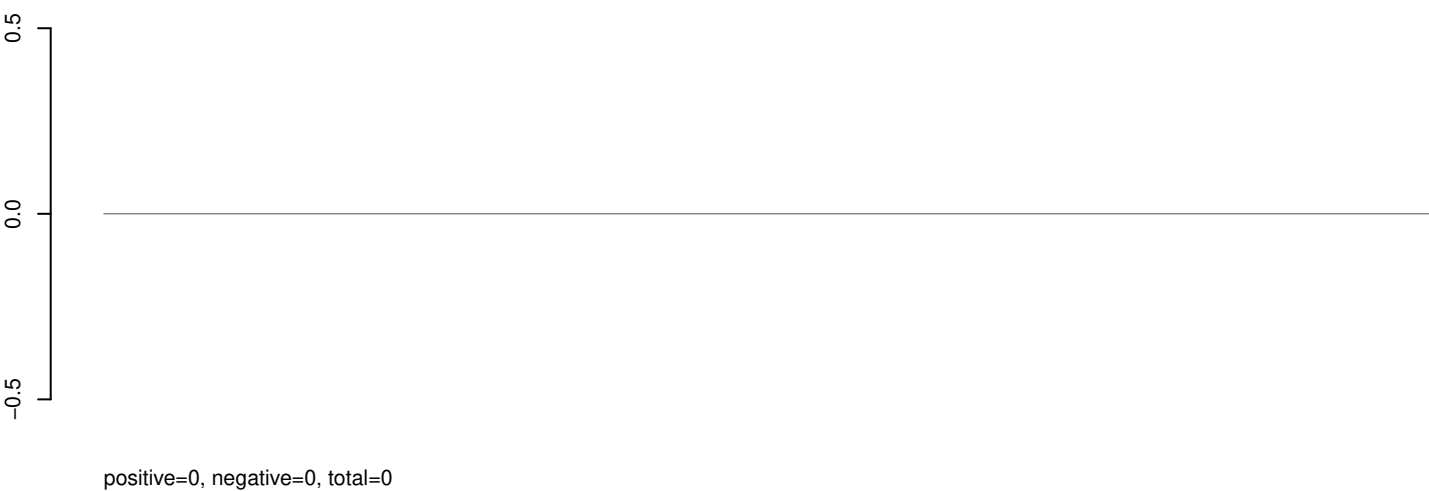
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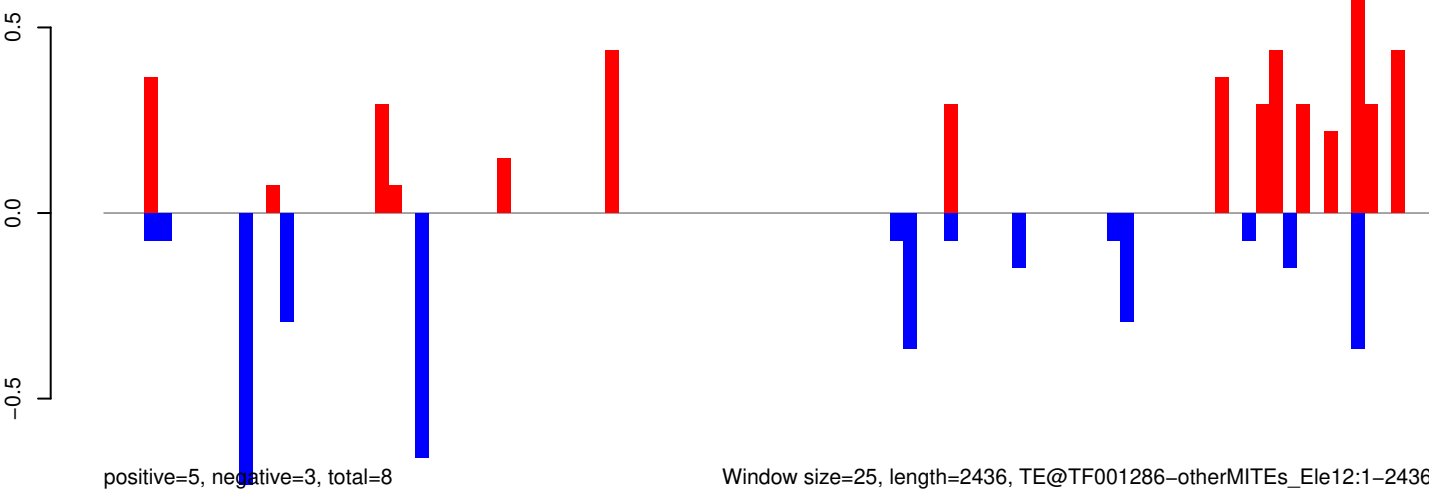
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



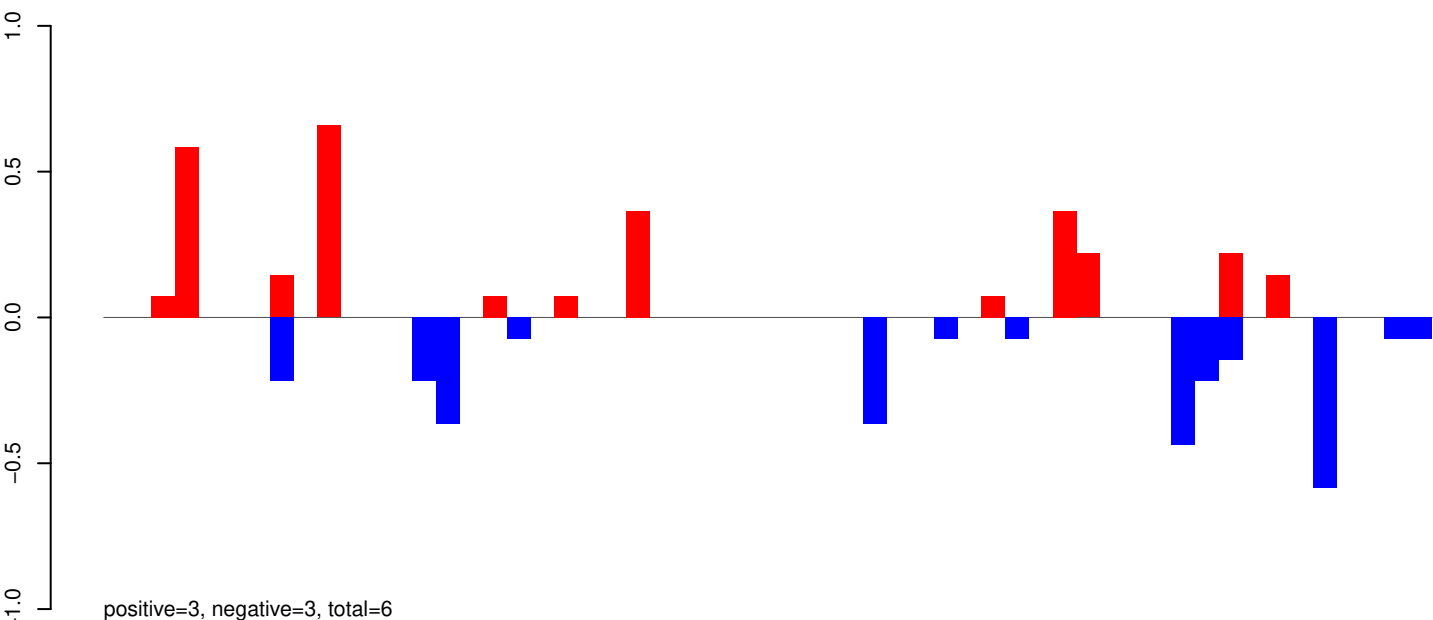
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



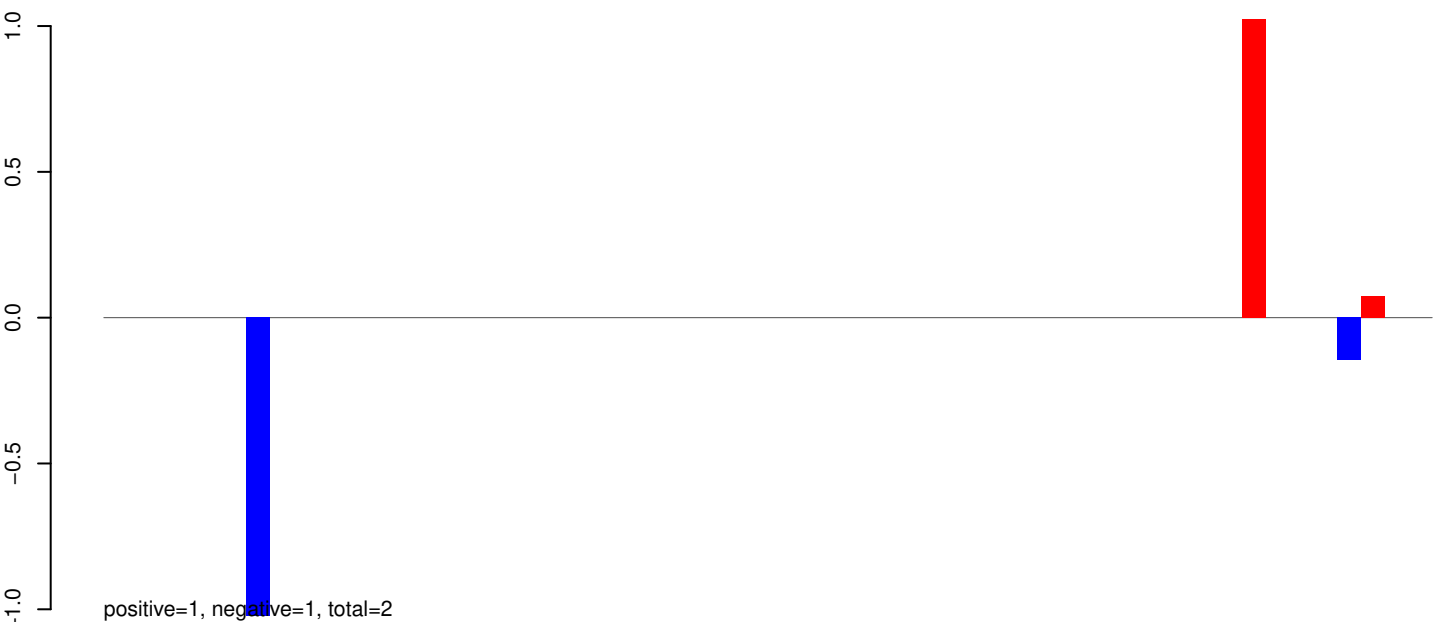
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



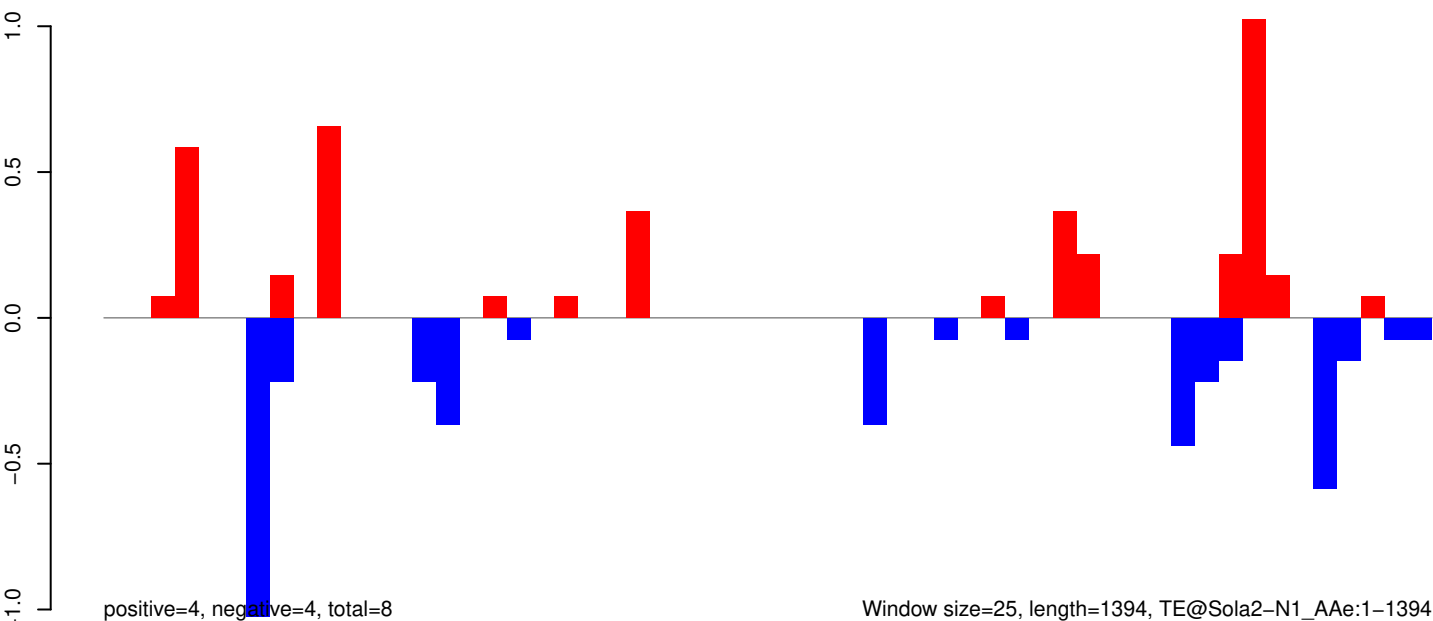
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

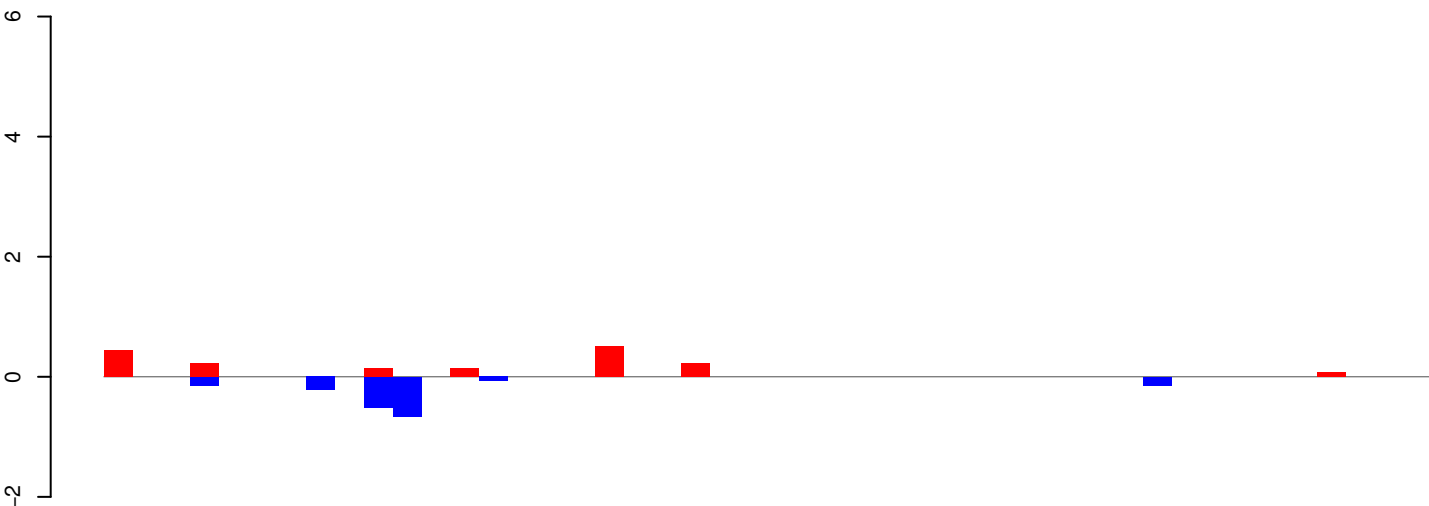


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



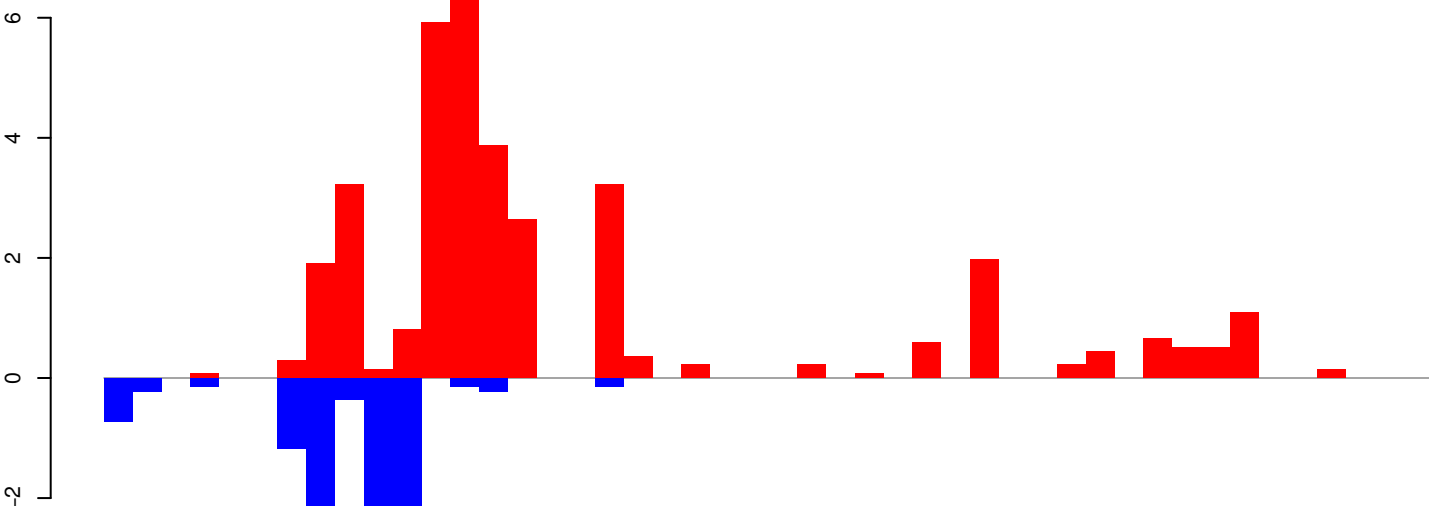
Window size=25, length=1394, TE@Sola2-N1\_A Ae:1-1394

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



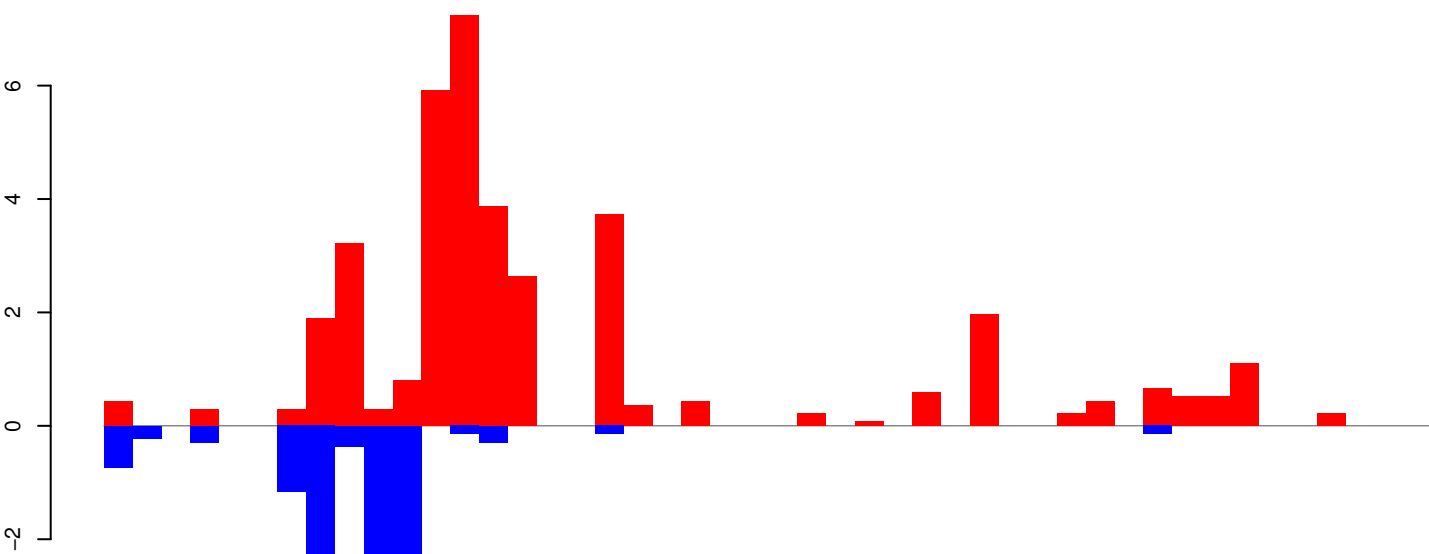
positive=2, negative=2, total=4

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=36, negative=11, total=48

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



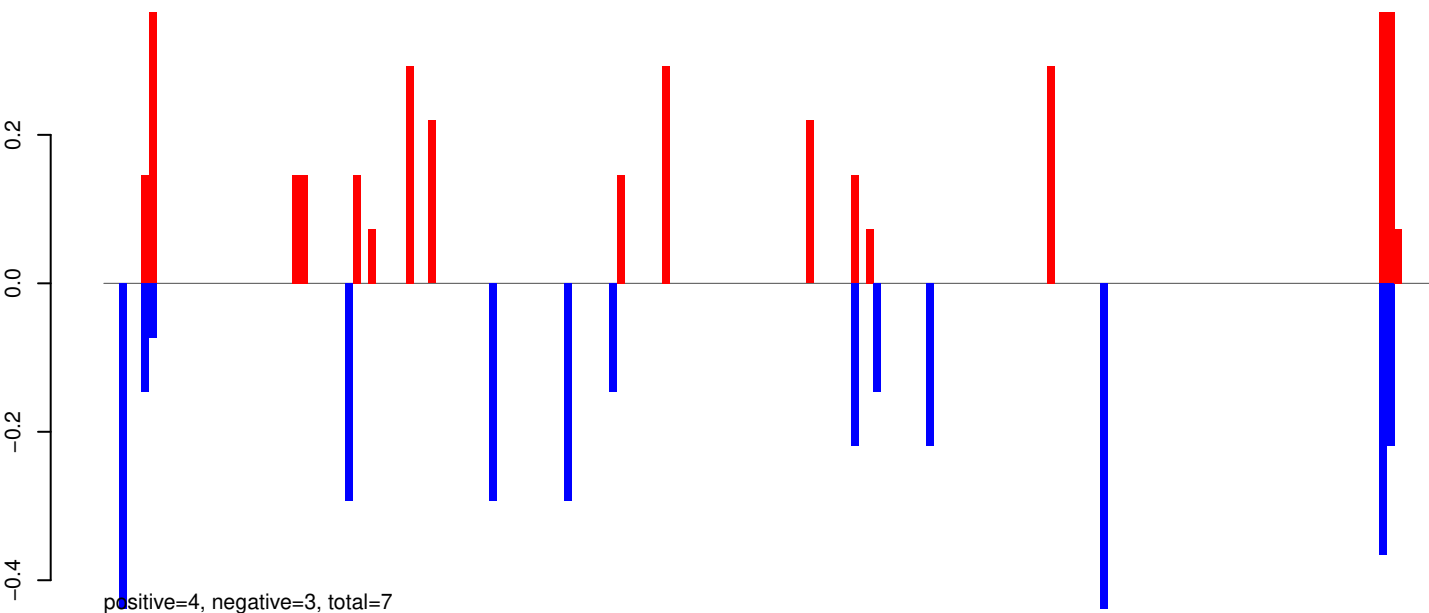
positive=38, negative=13, total=51

Window size=25, length=1131, TE@R=399-UNKNOWN:1-1131

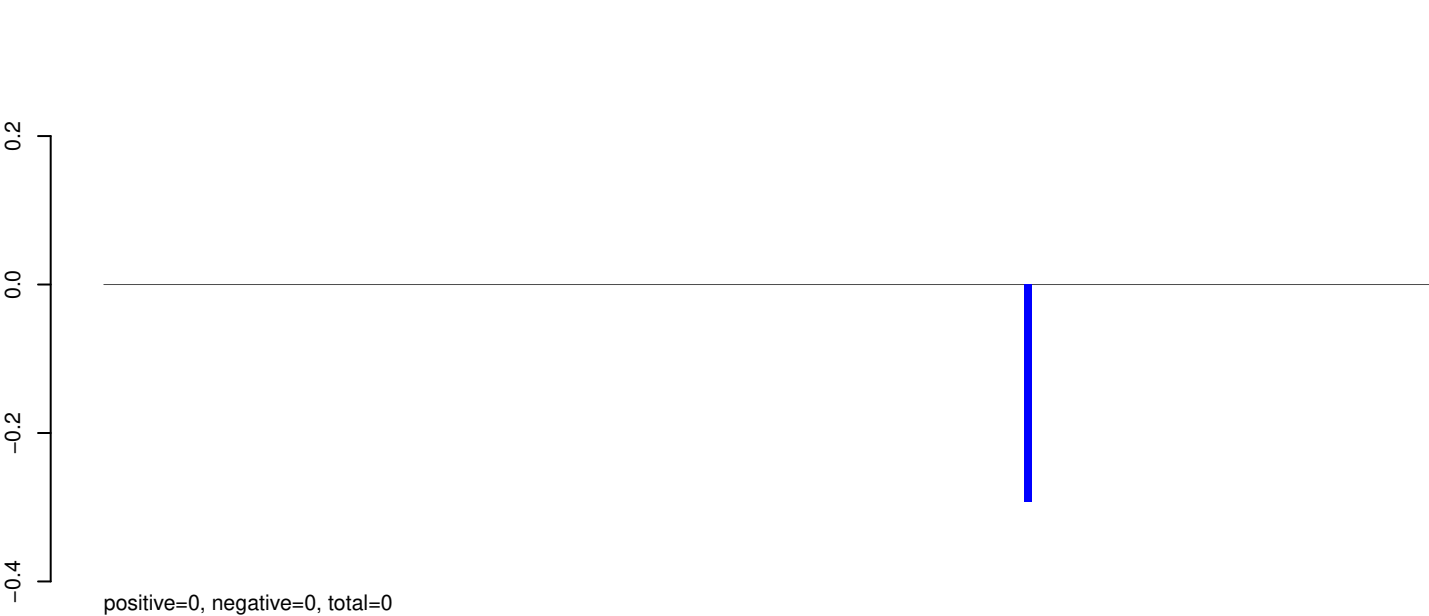
0 200 400 600 800 1000 1200



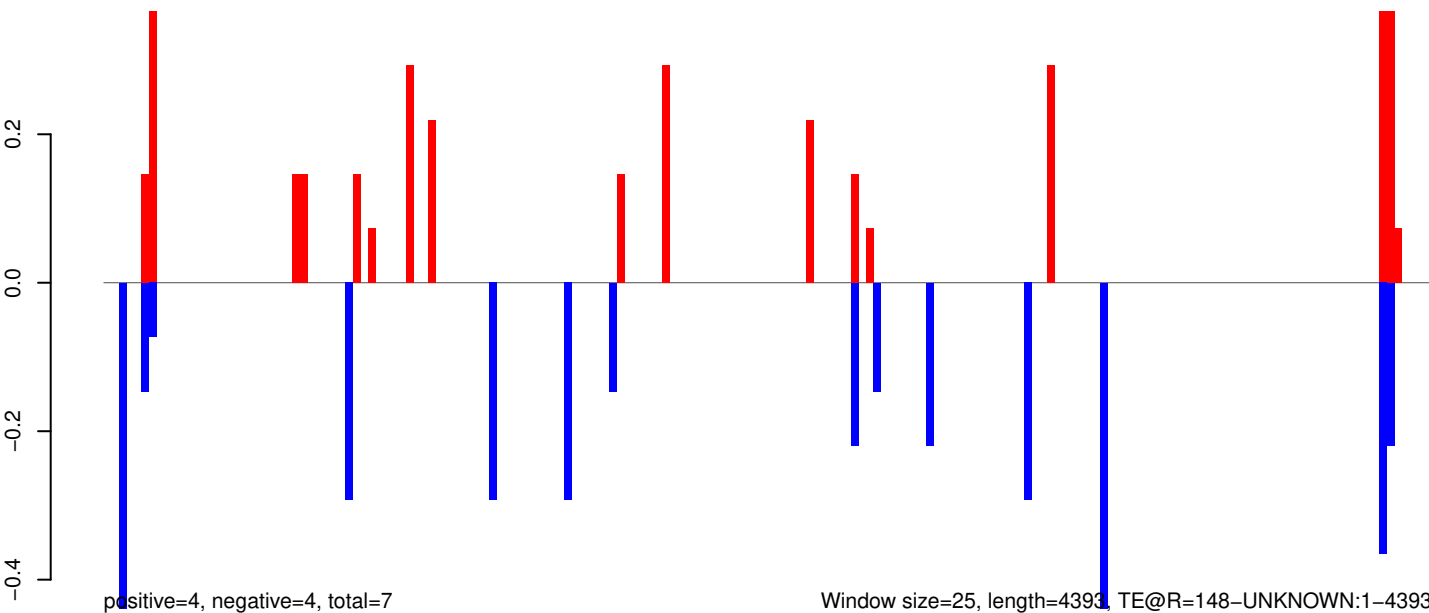
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



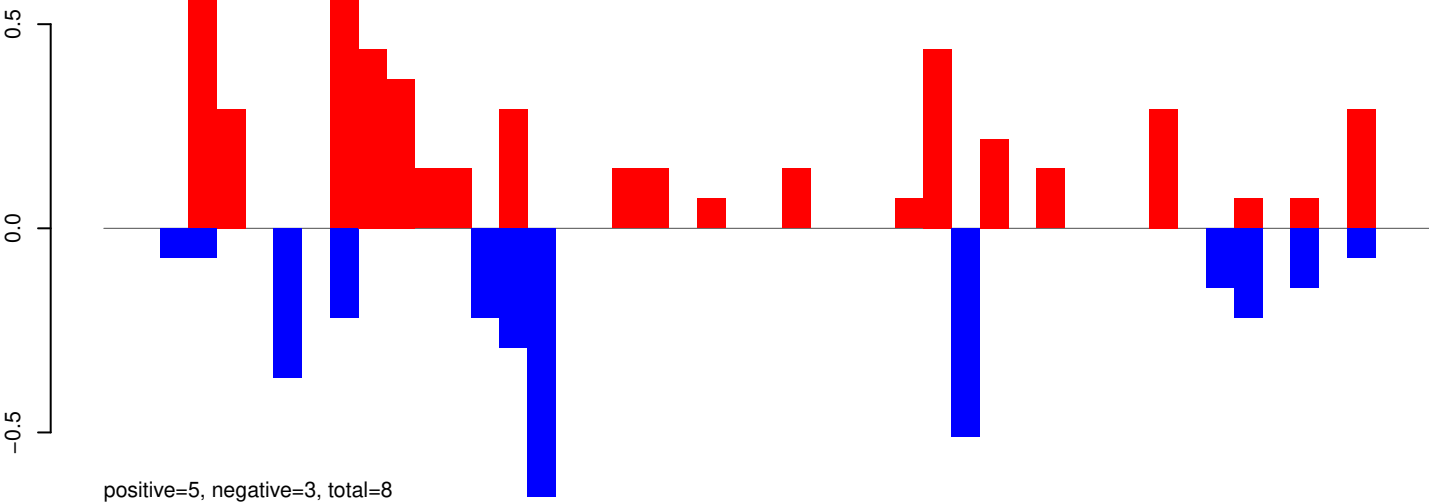
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



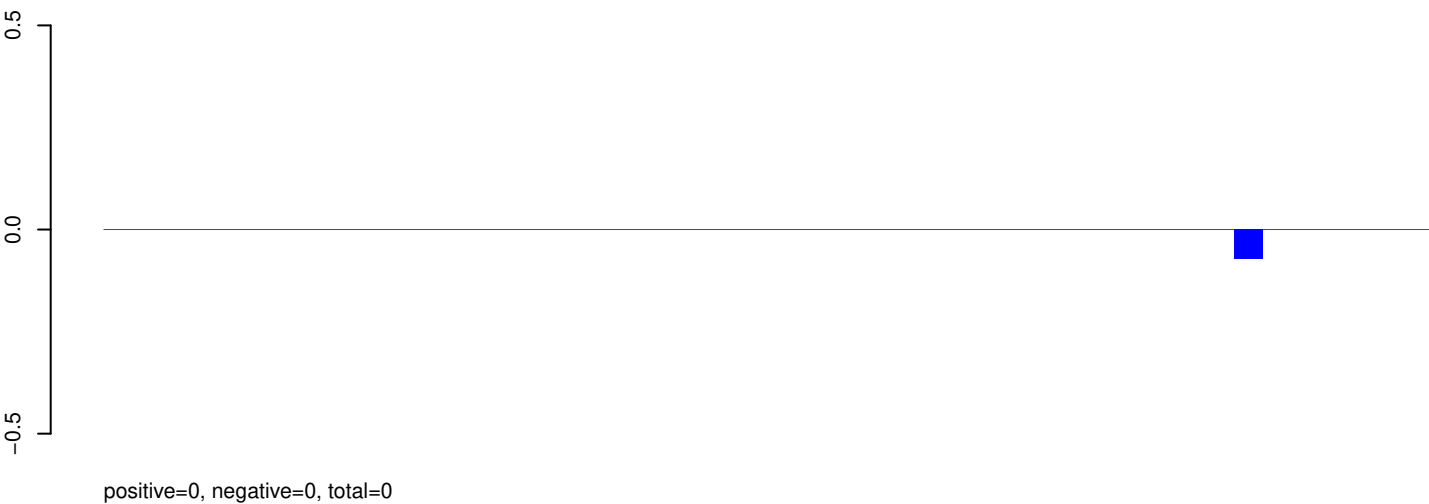
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



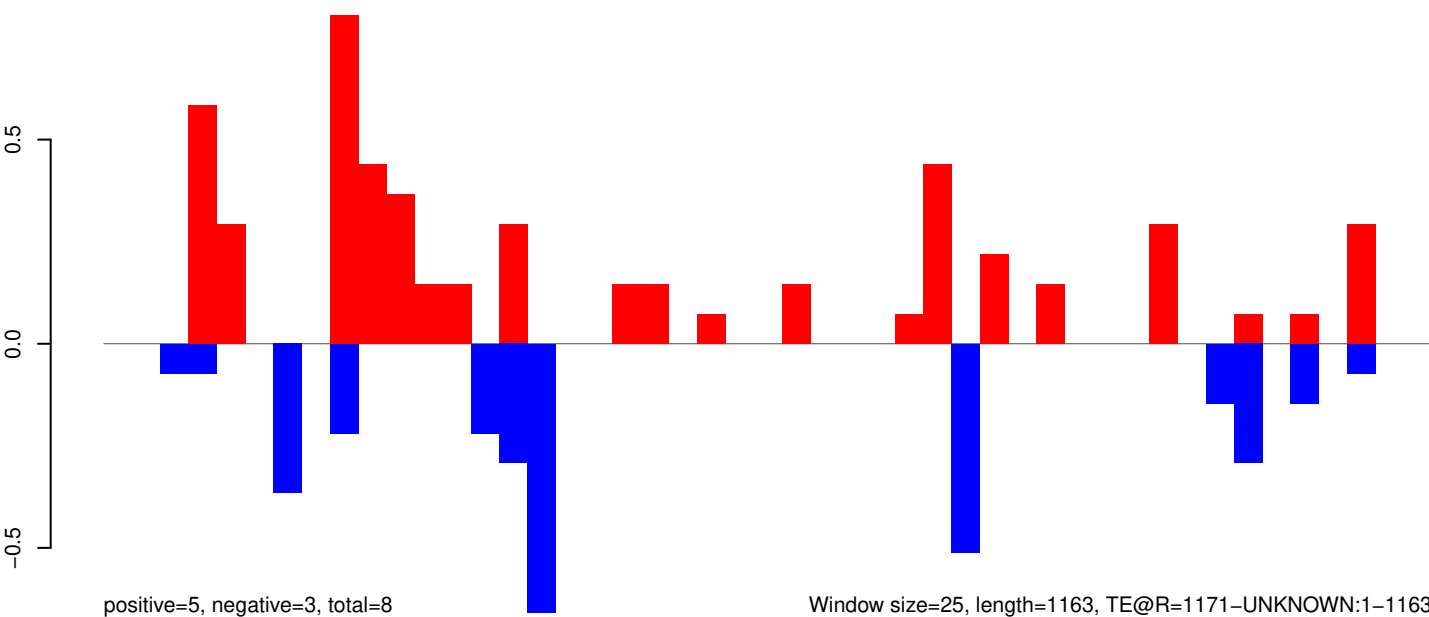
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



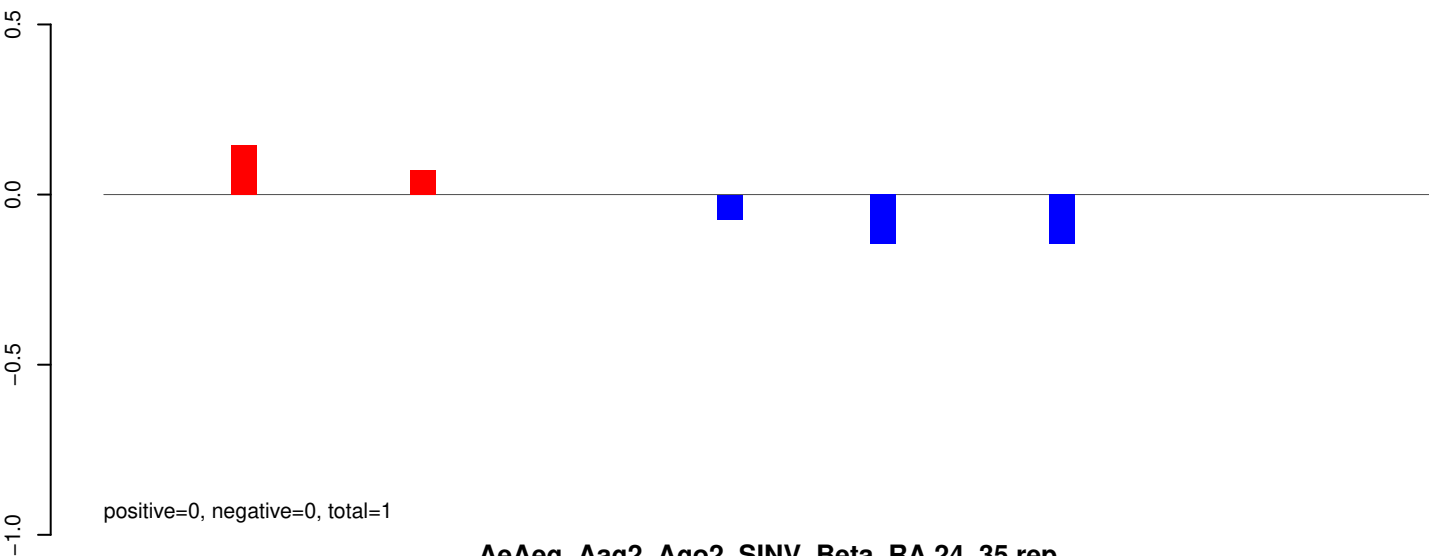
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



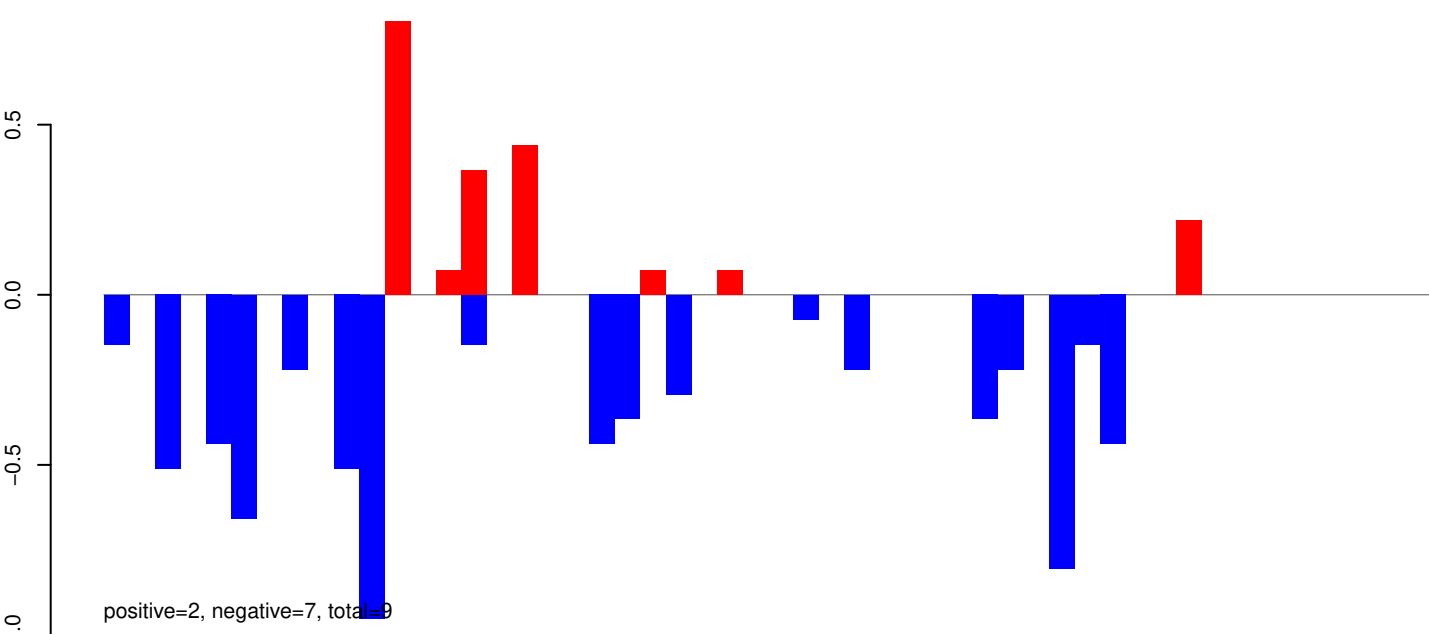
Window size=25, length=1163, TE@R=1171-UNKNOWN:1-1163

0 200 400 600 800 1000 1200

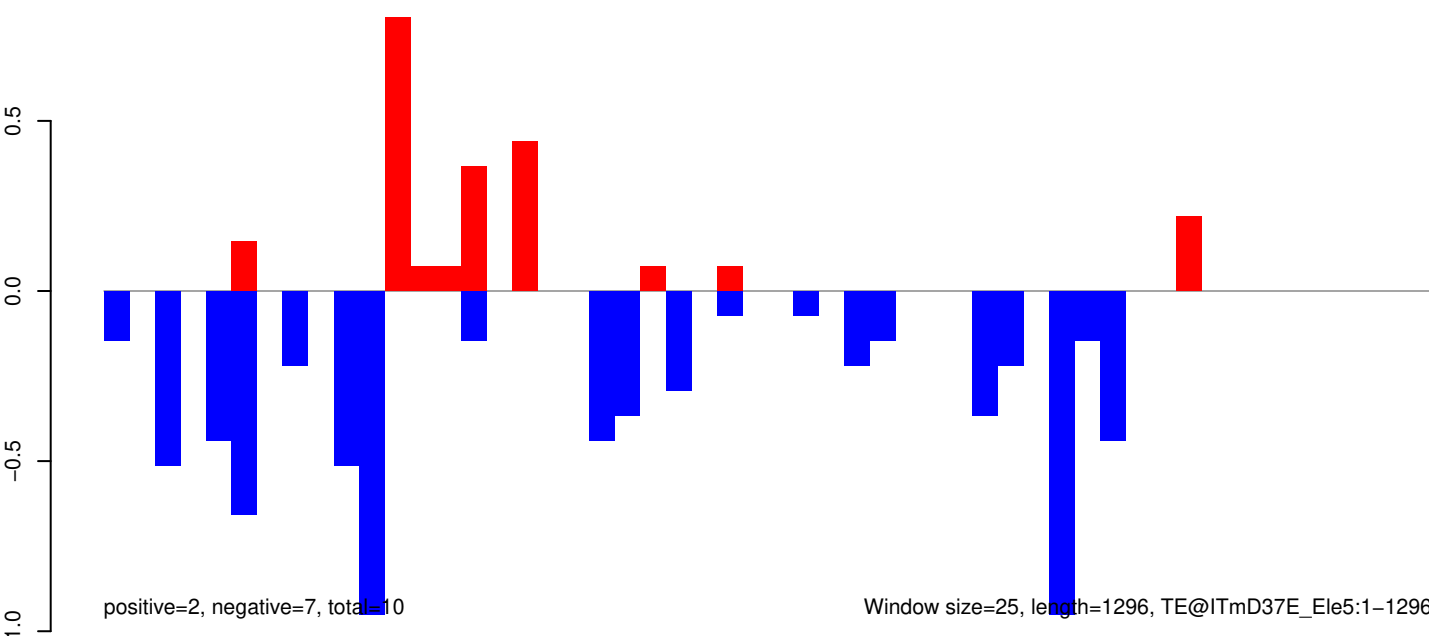
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



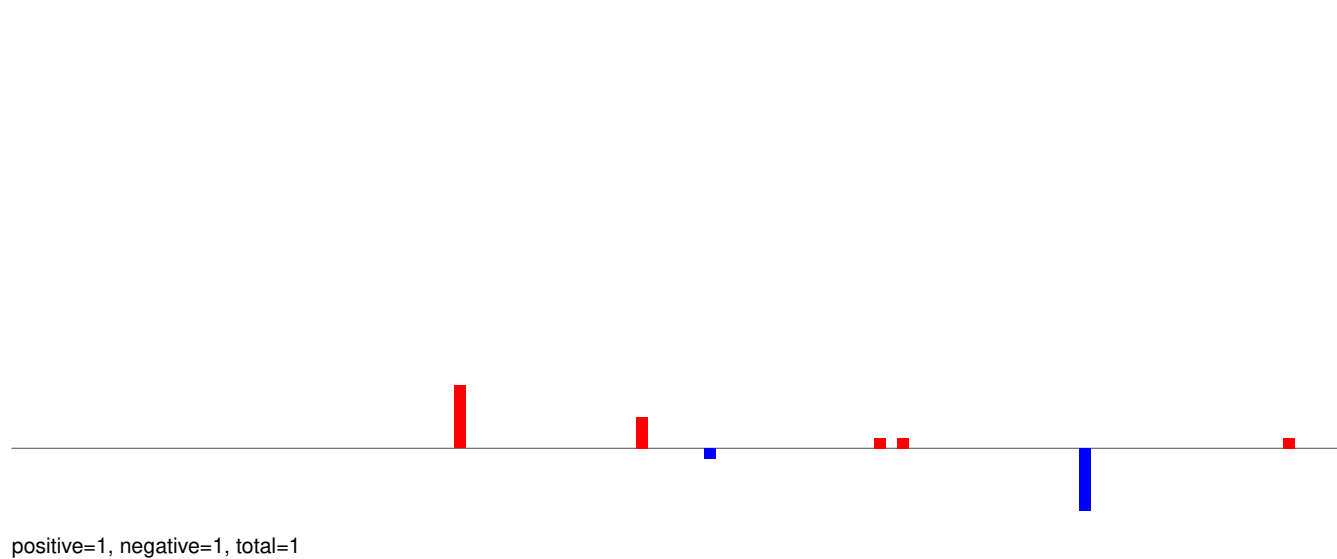
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



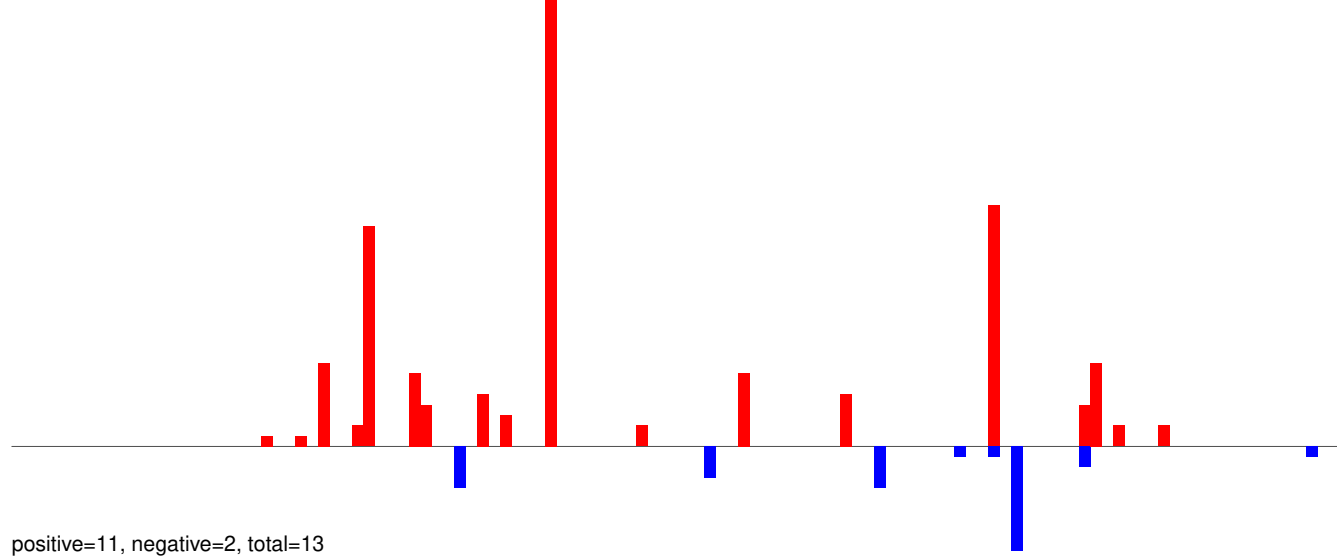
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



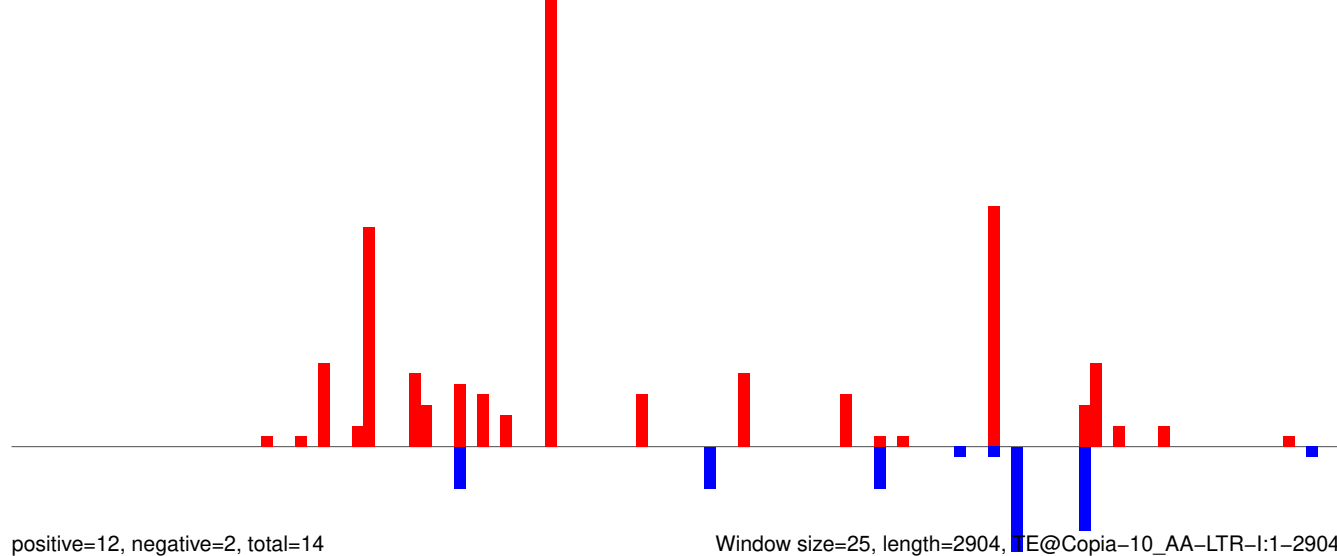
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

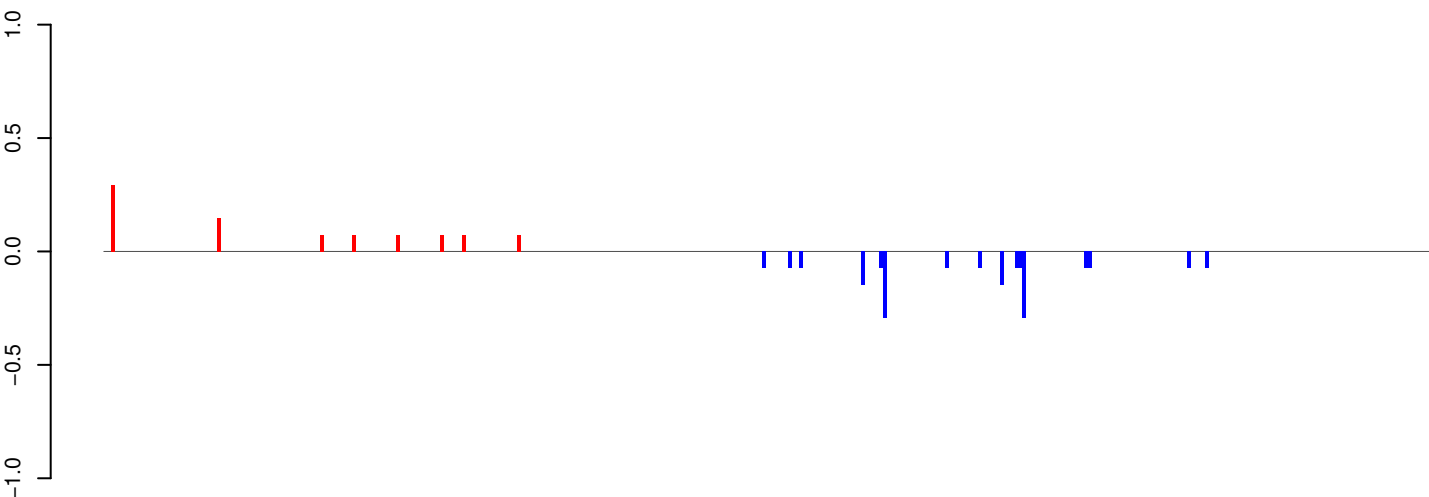


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



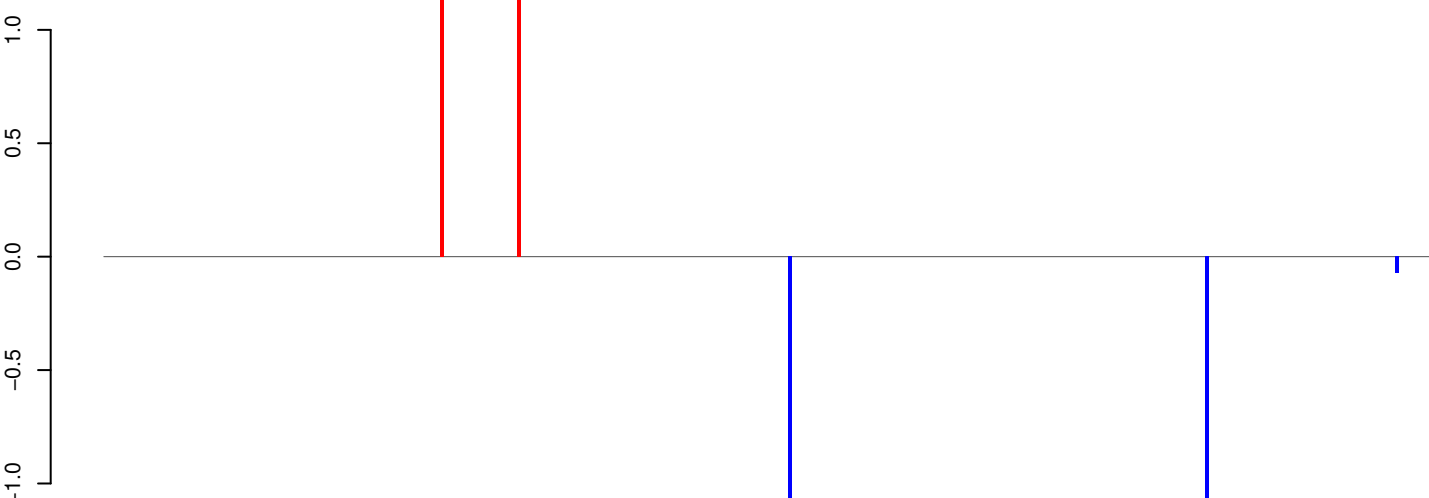
Window size=25, length=2904, TE@Copia-10\_AA-LTR-I:1-2904

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



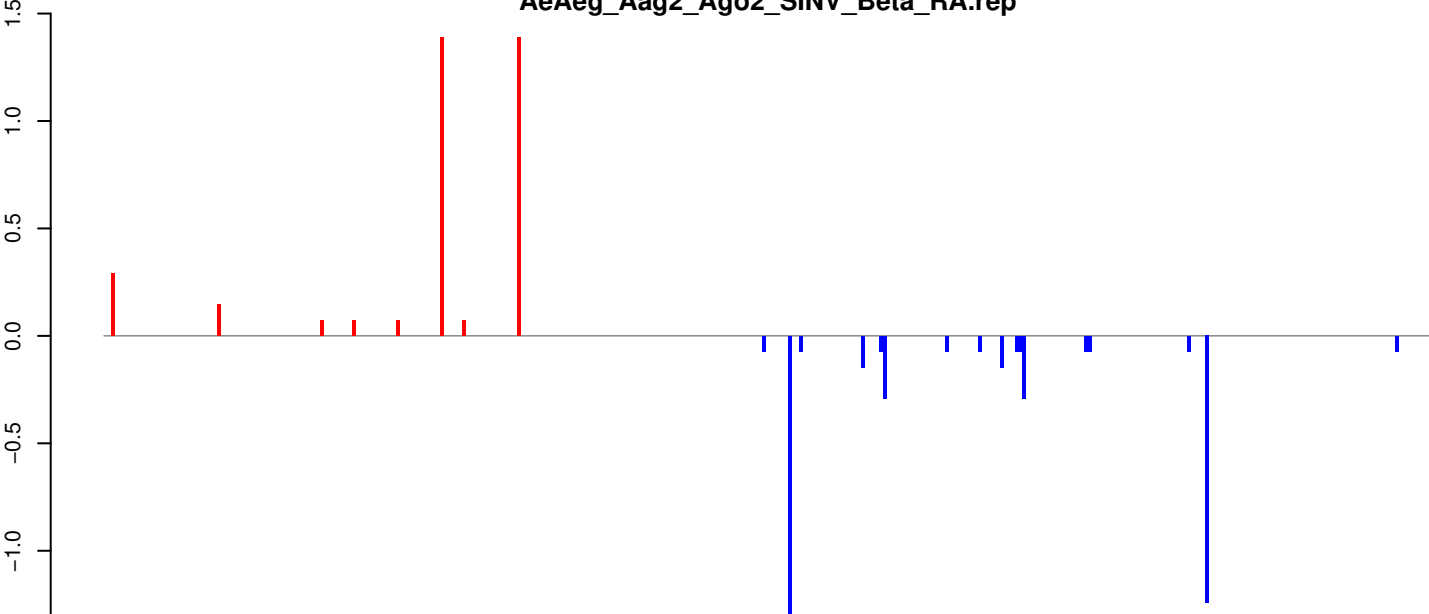
positive=1, negative=2, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=3, negative=3, total=5

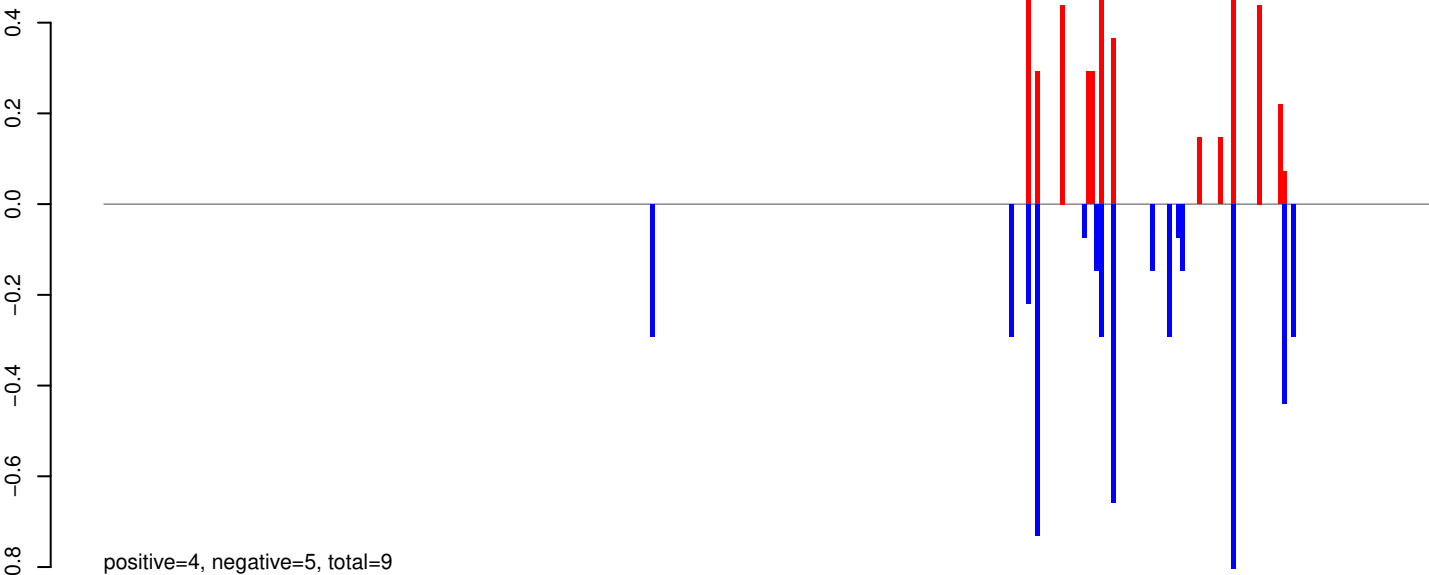
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



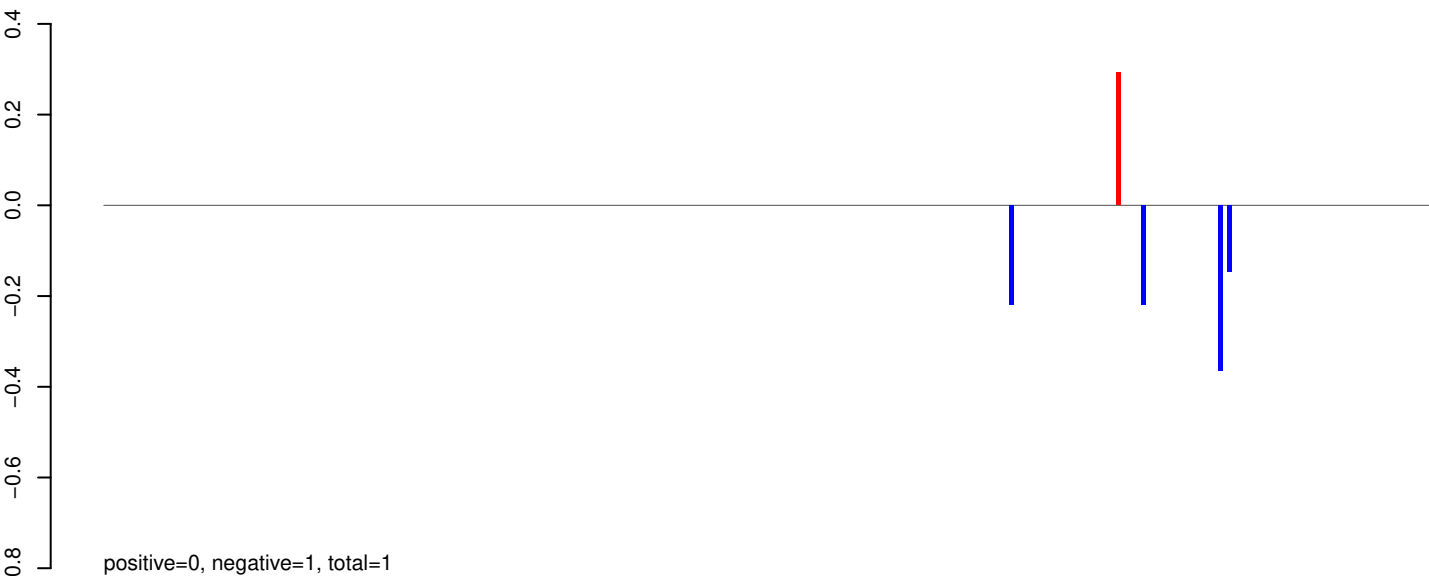
positive=4, negative=4, total=8

Window size=25, length=9053, TE@TF001163-PIF\_Ele2:1-9053

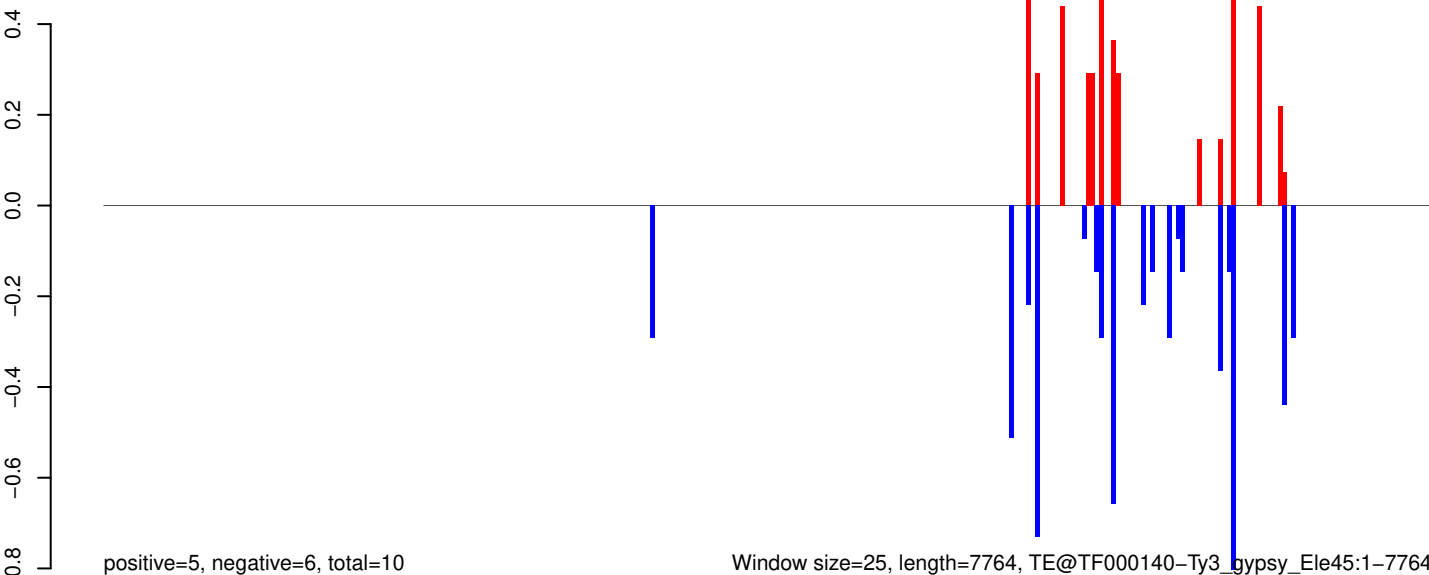
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=7764, TE@TF000140-Ty3\_gypsy\_Ele45:1-7764

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep

60  
40  
20  
0  
-20

positive=7, negative=9, total=16

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

60  
40  
20  
0  
-20

positive=198, negative=63, total=261

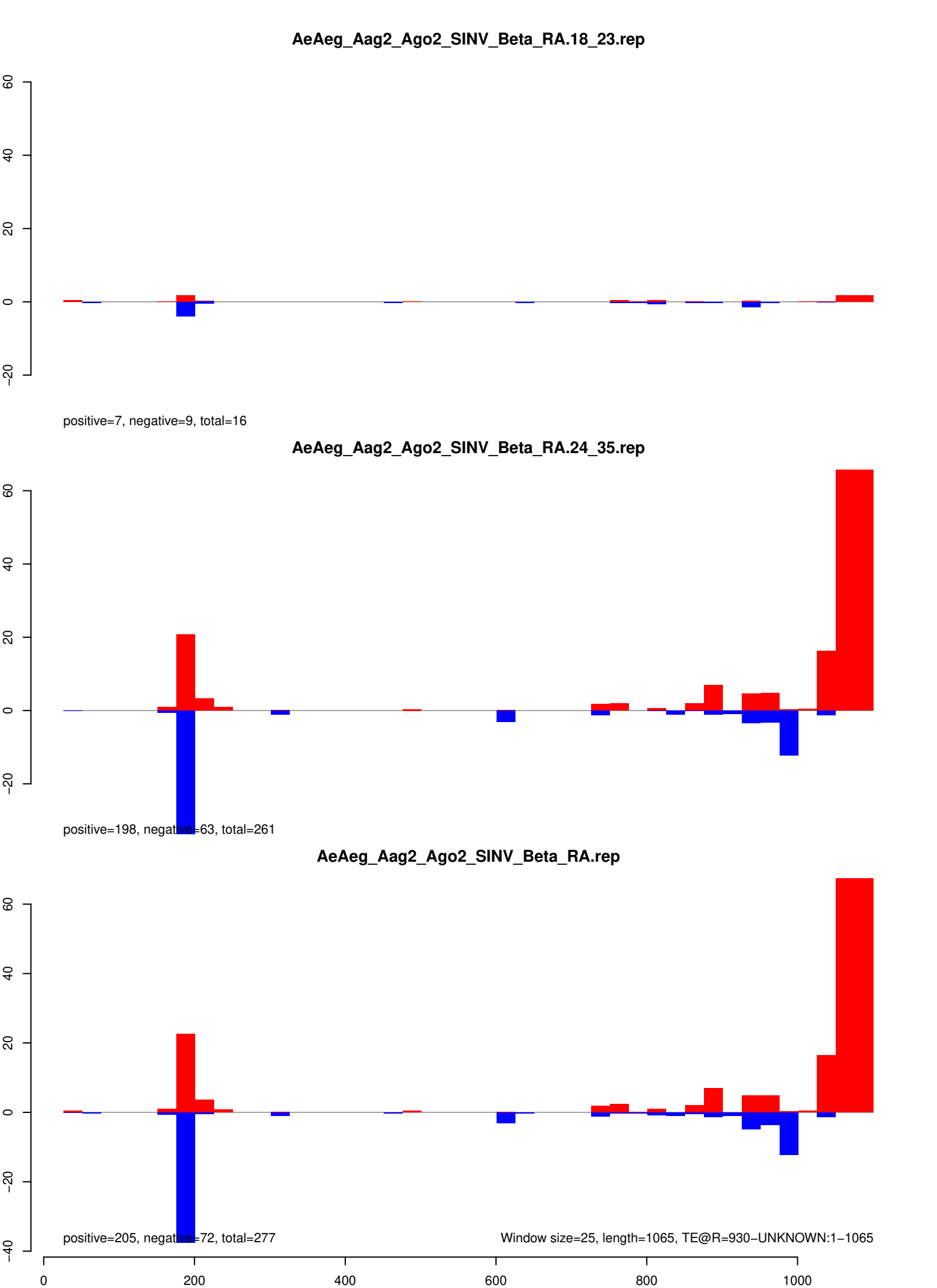
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

60  
40  
20  
0  
-20  
-40

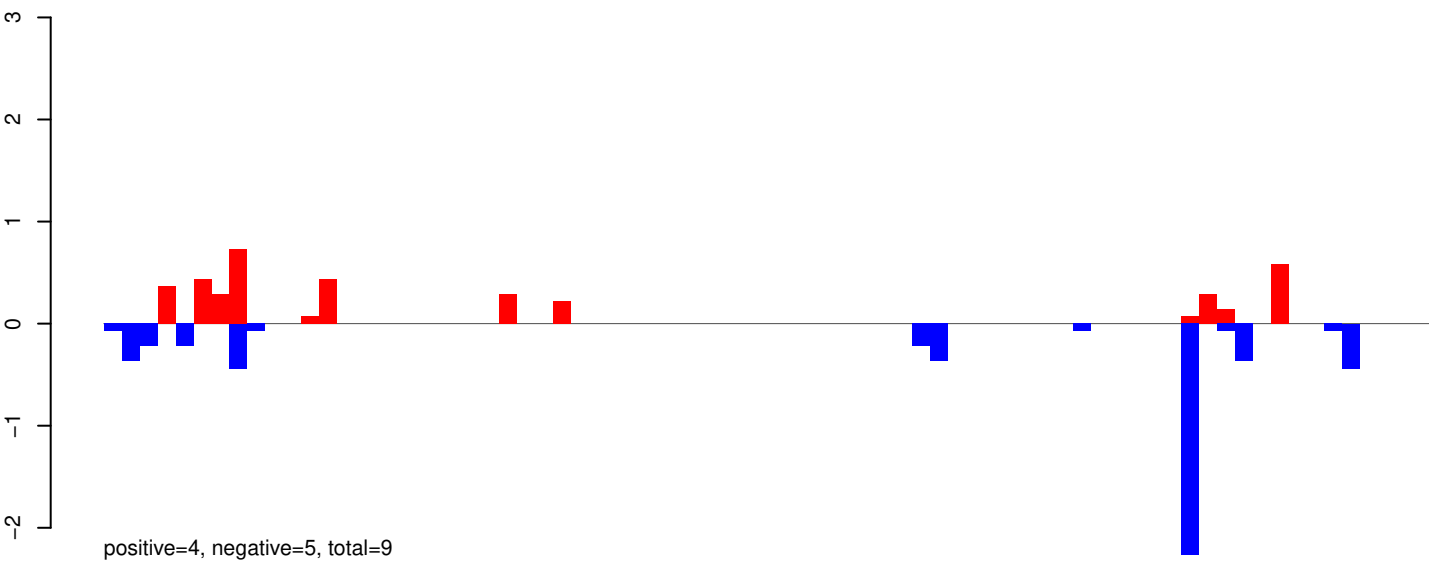
positive=205, negative=72, total=277

Window size=25, length=1065, TE@R=930-UNKNOWN:1-1065

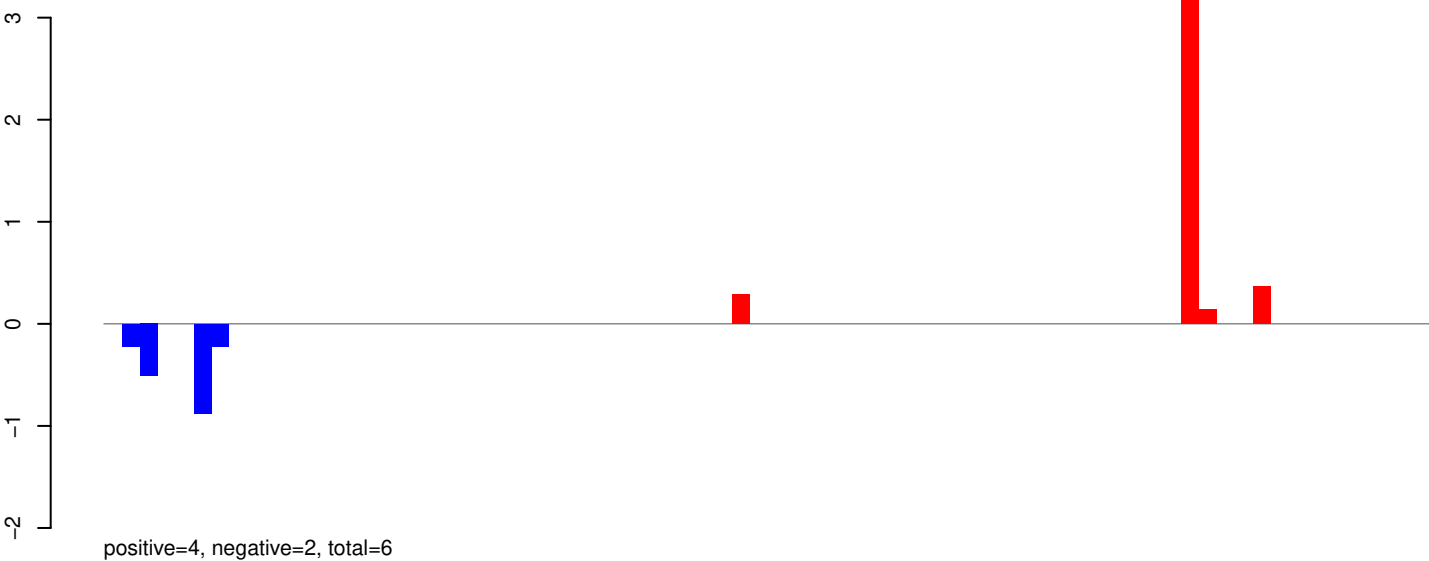
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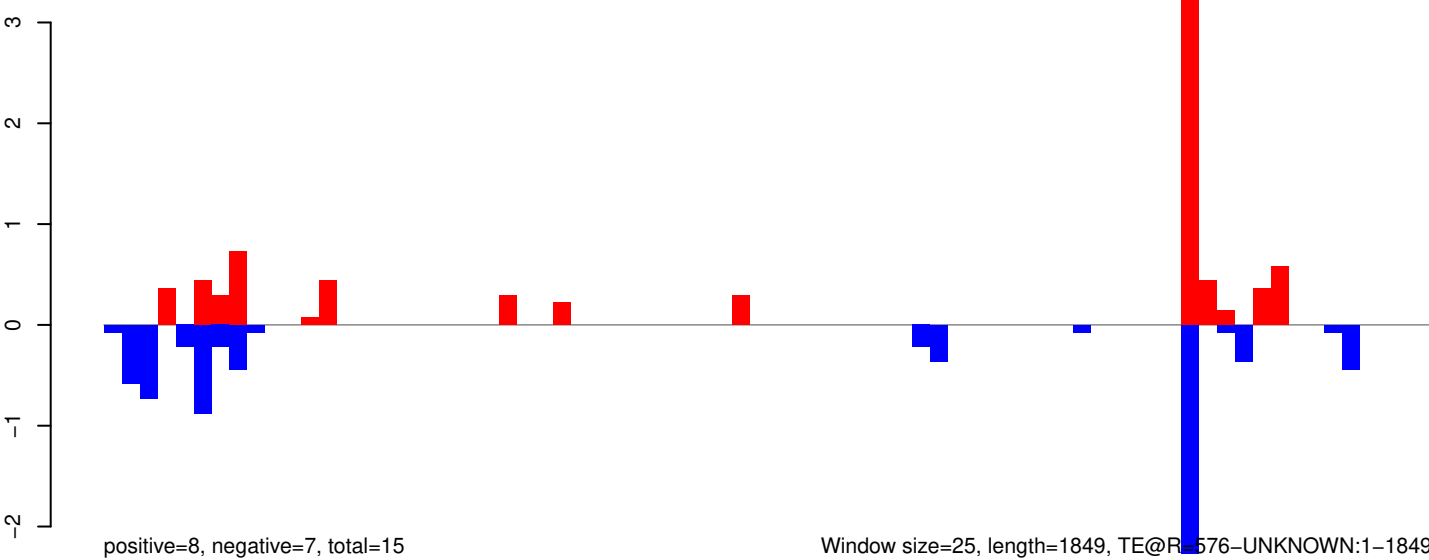
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



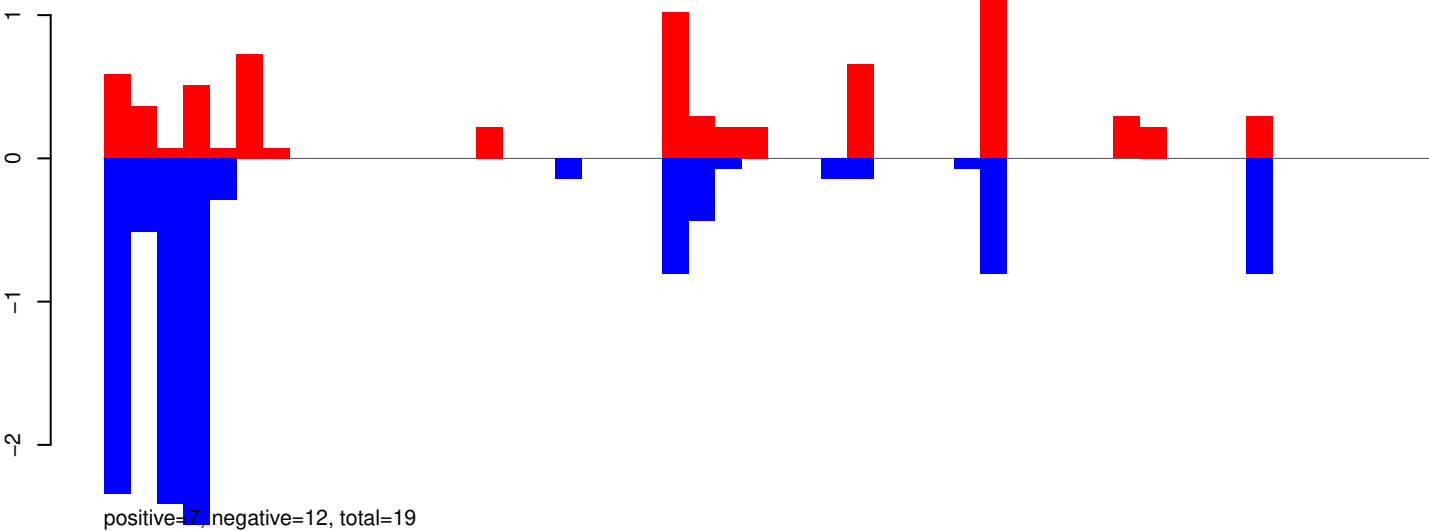
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



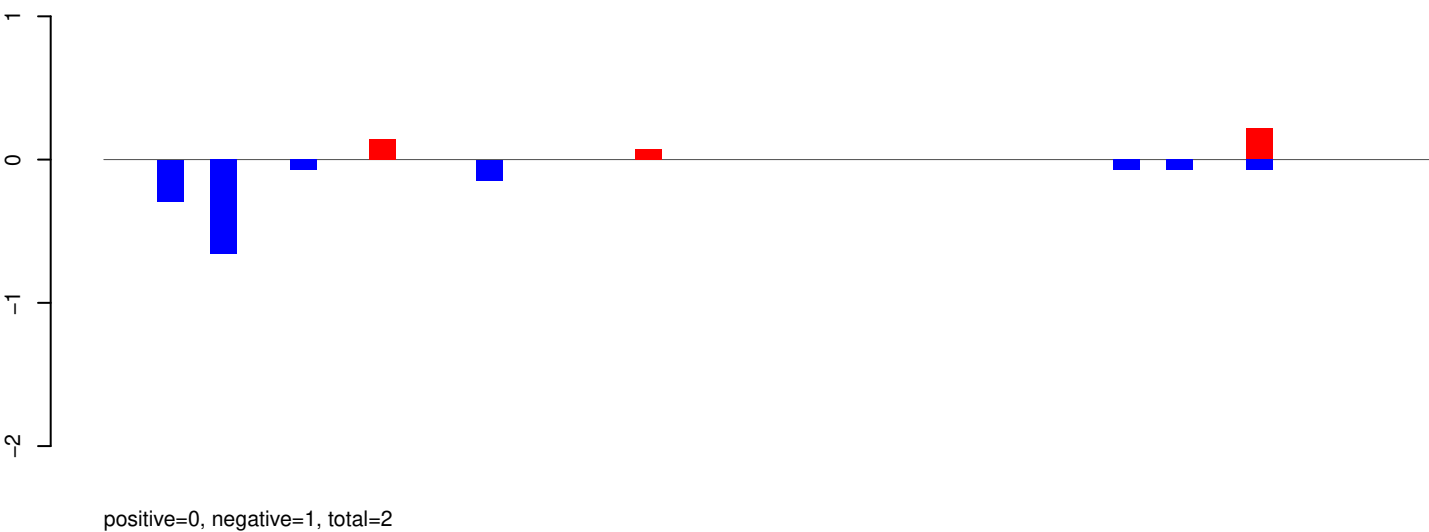
Window size=25, length=1849, TE@R=576-UNKNOWN:1-1849



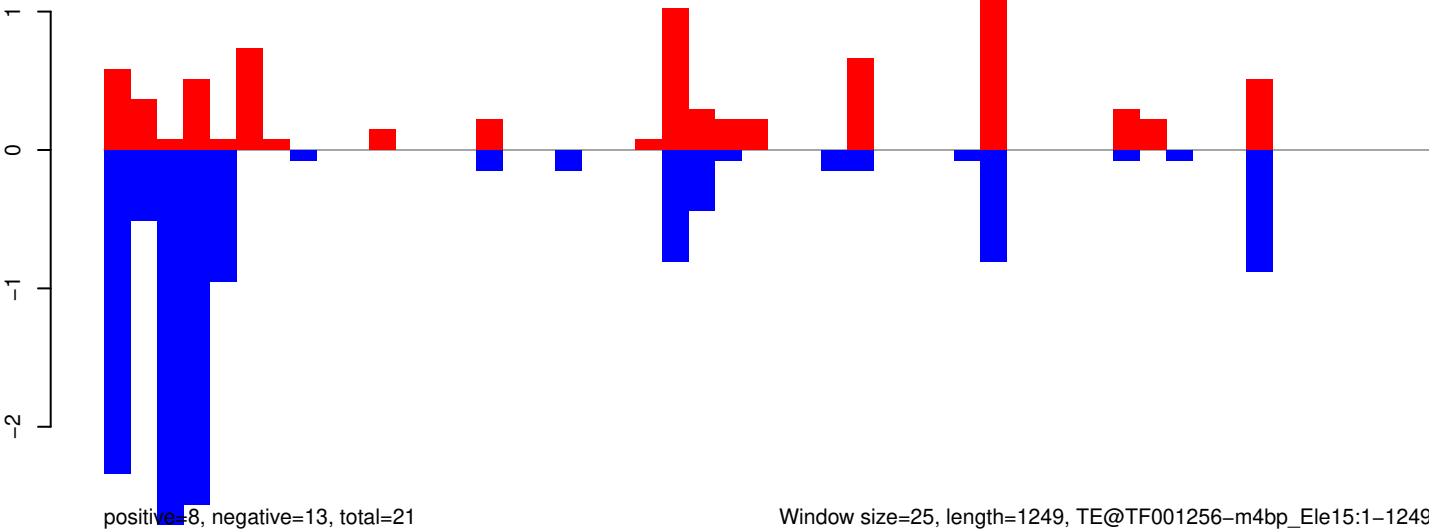
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



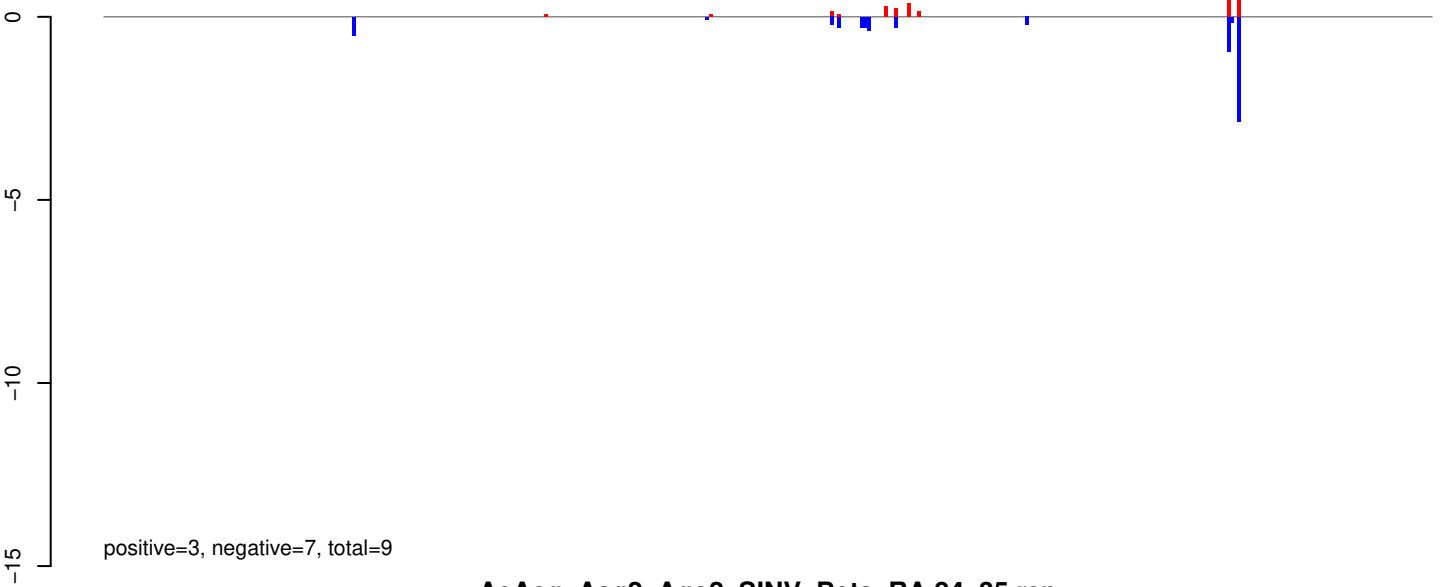
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



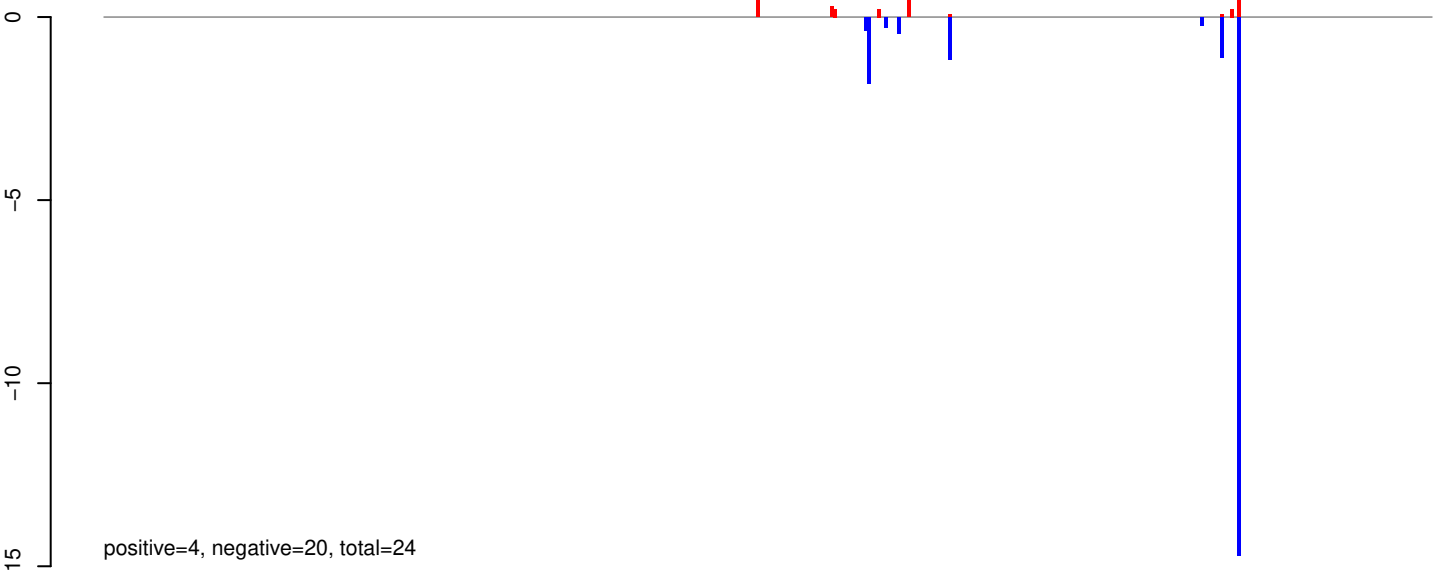
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



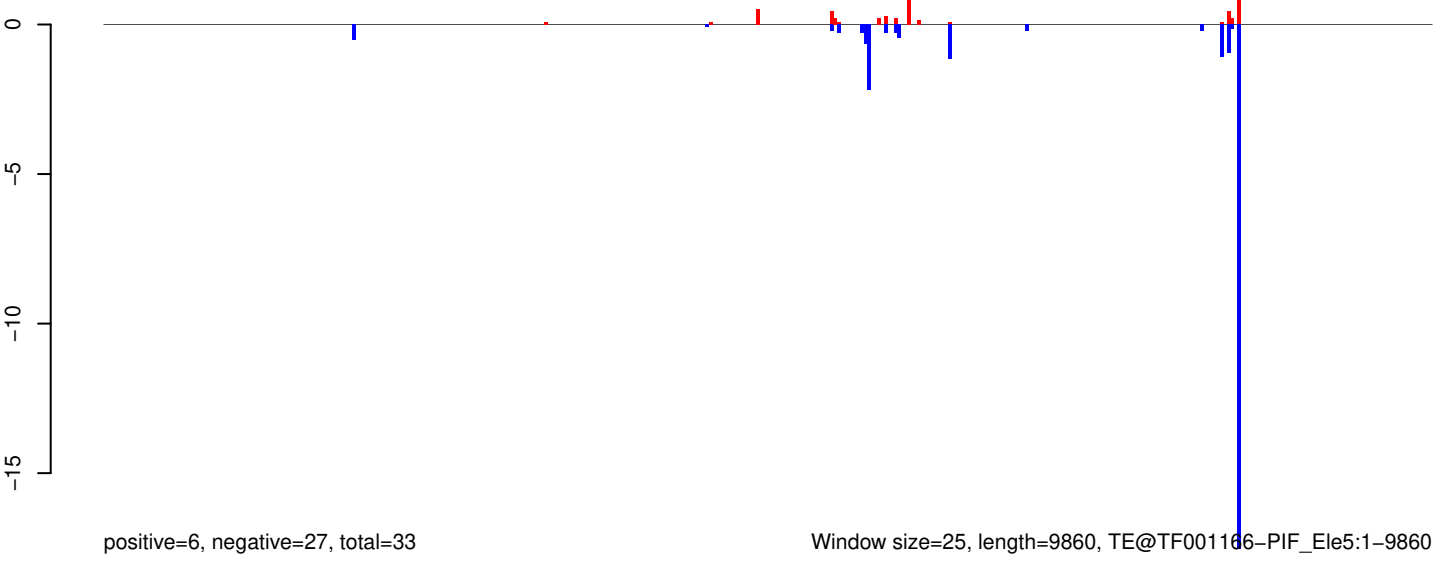
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=1, negative=1, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



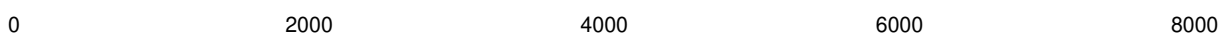
positive=7, negative=14, total=21

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

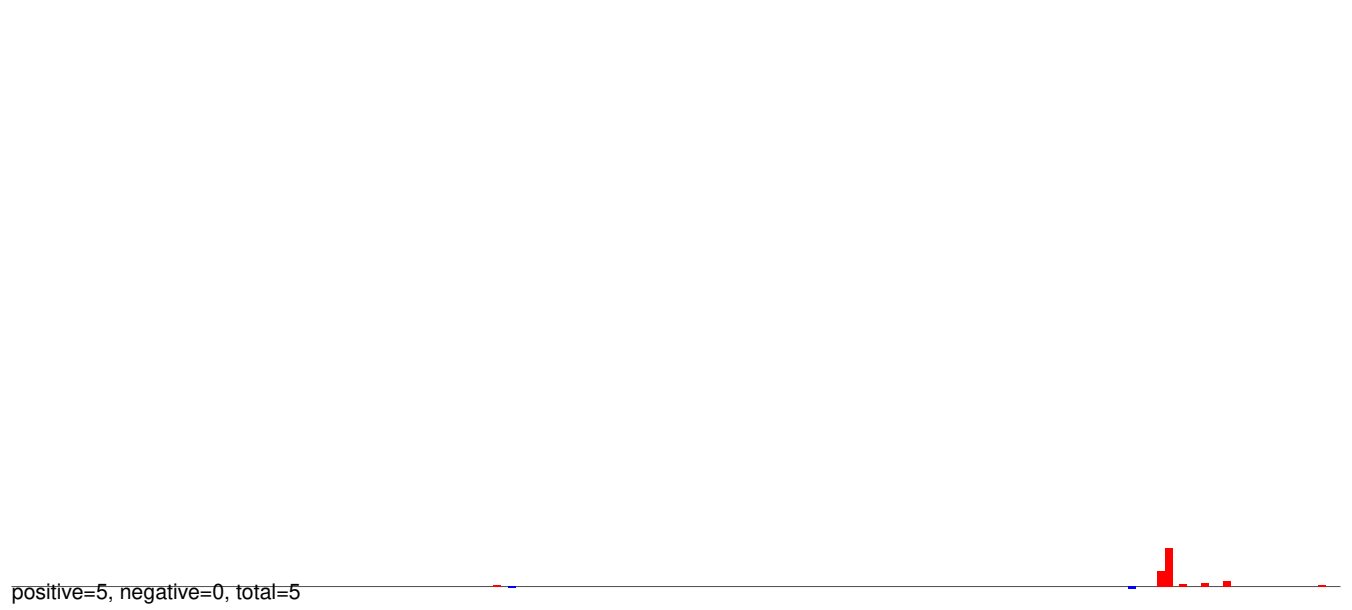


positive=8, negative=16, total=24

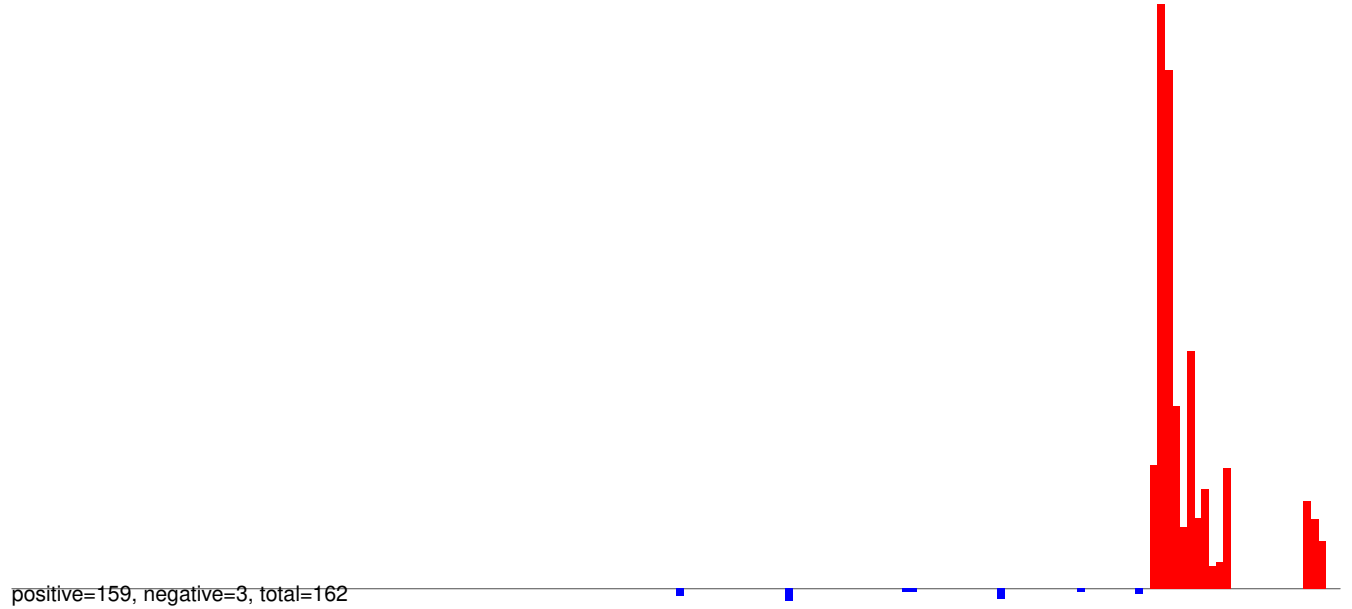
Window size=25, length=8987, TE@TF001164-PIF\_Ele3:1-8987



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



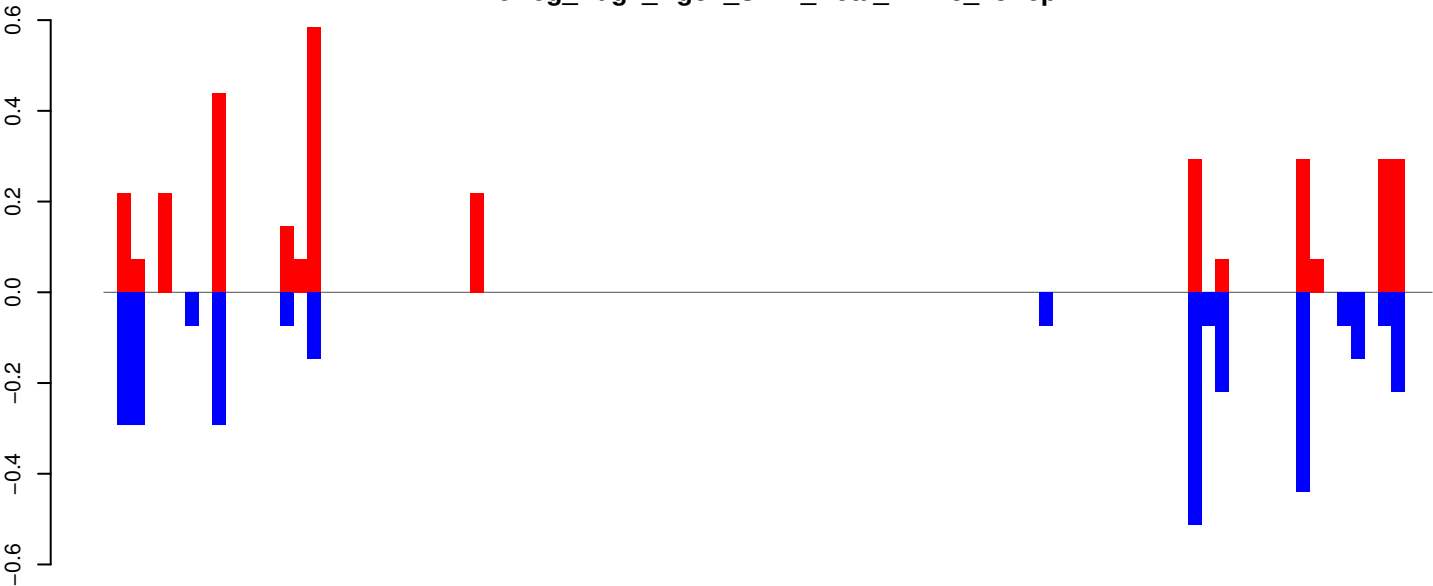
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



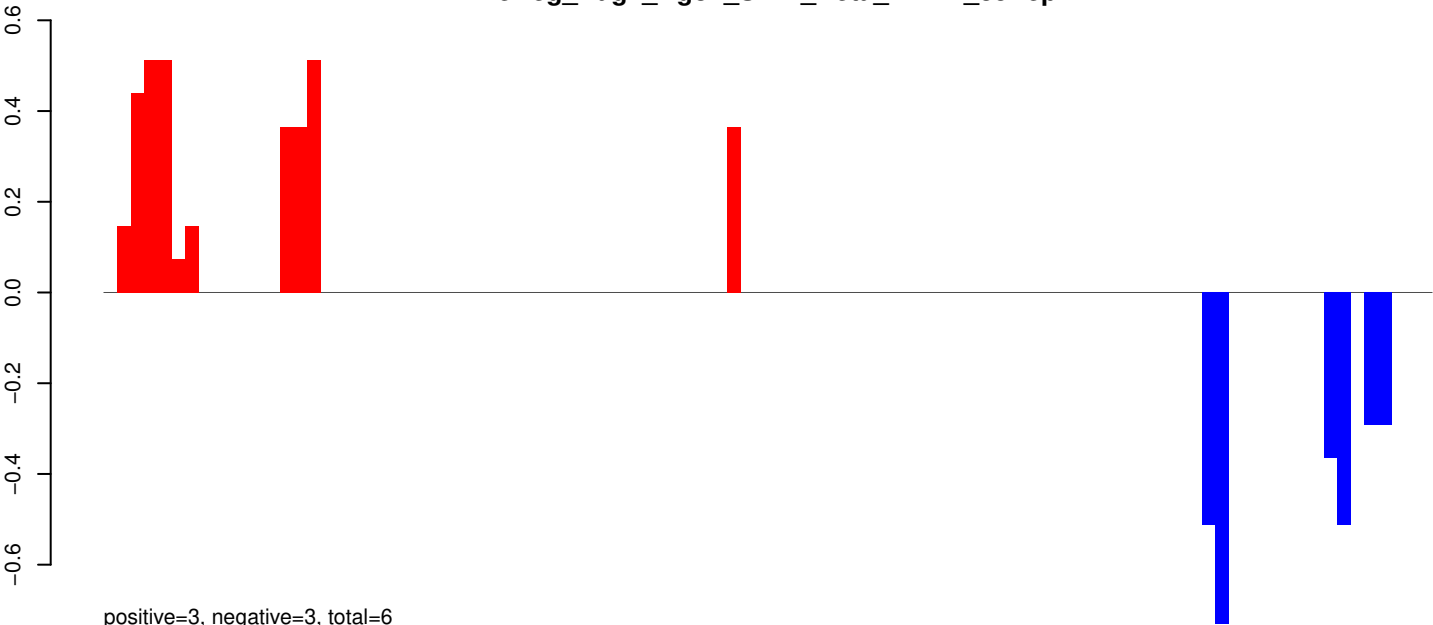
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



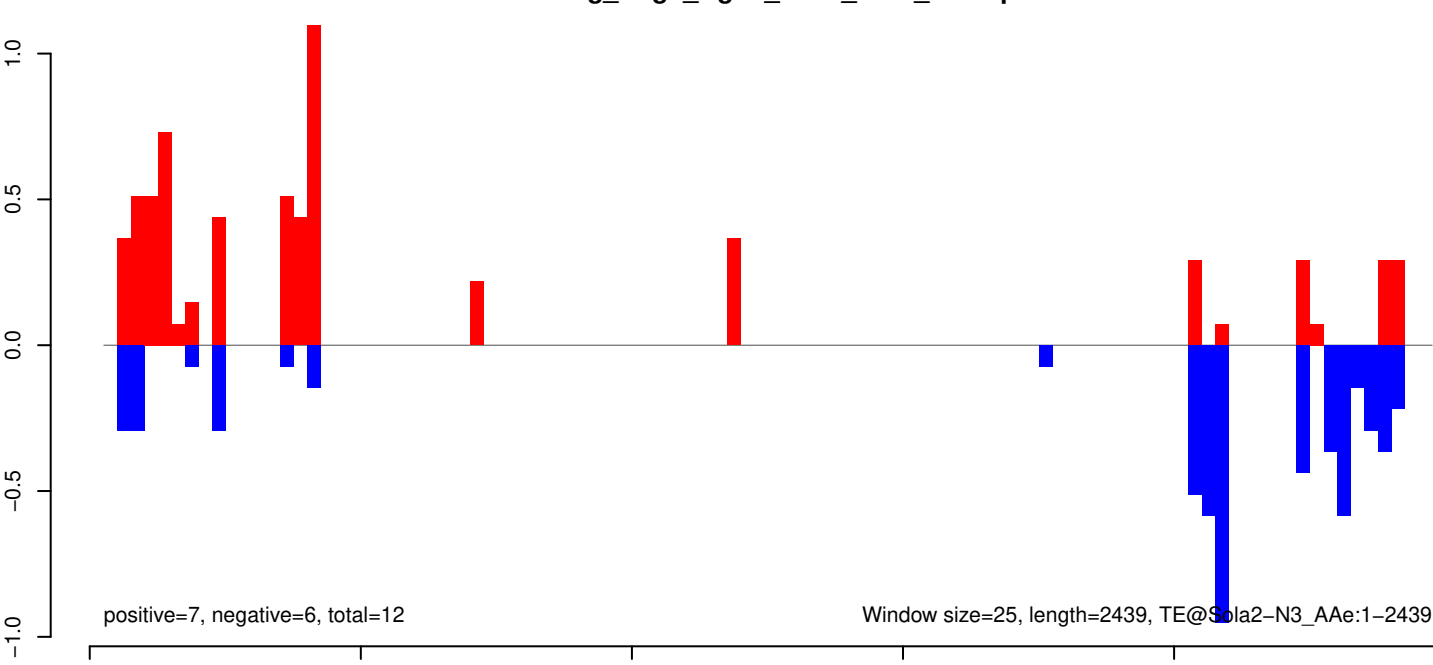
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



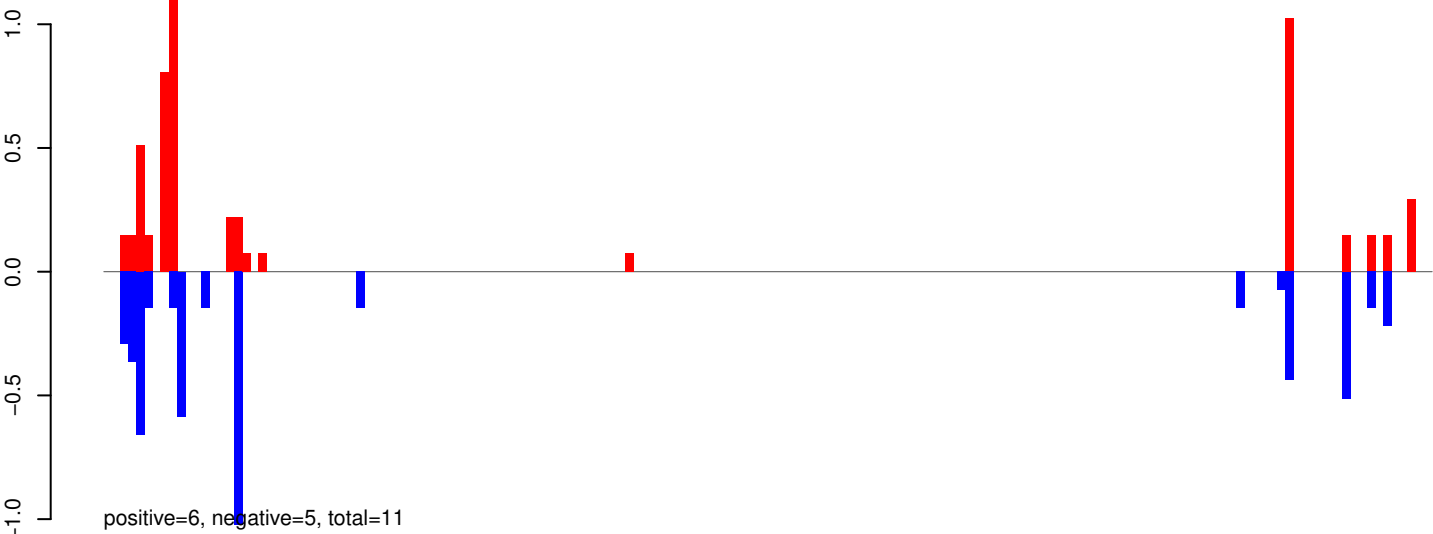
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



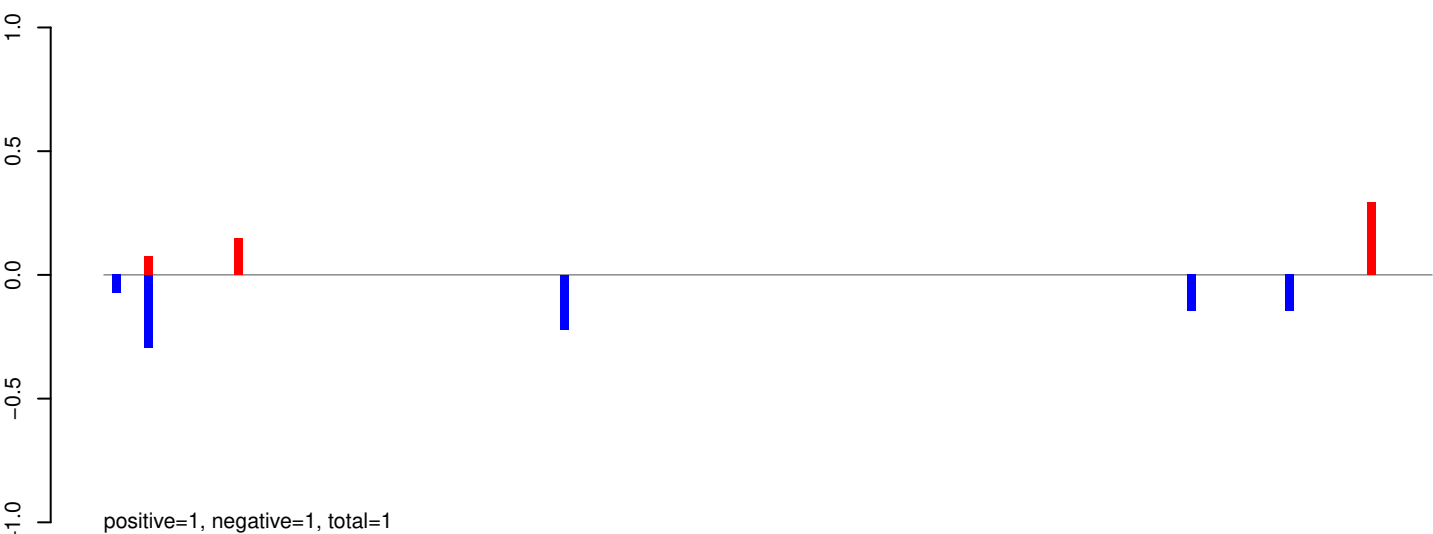
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



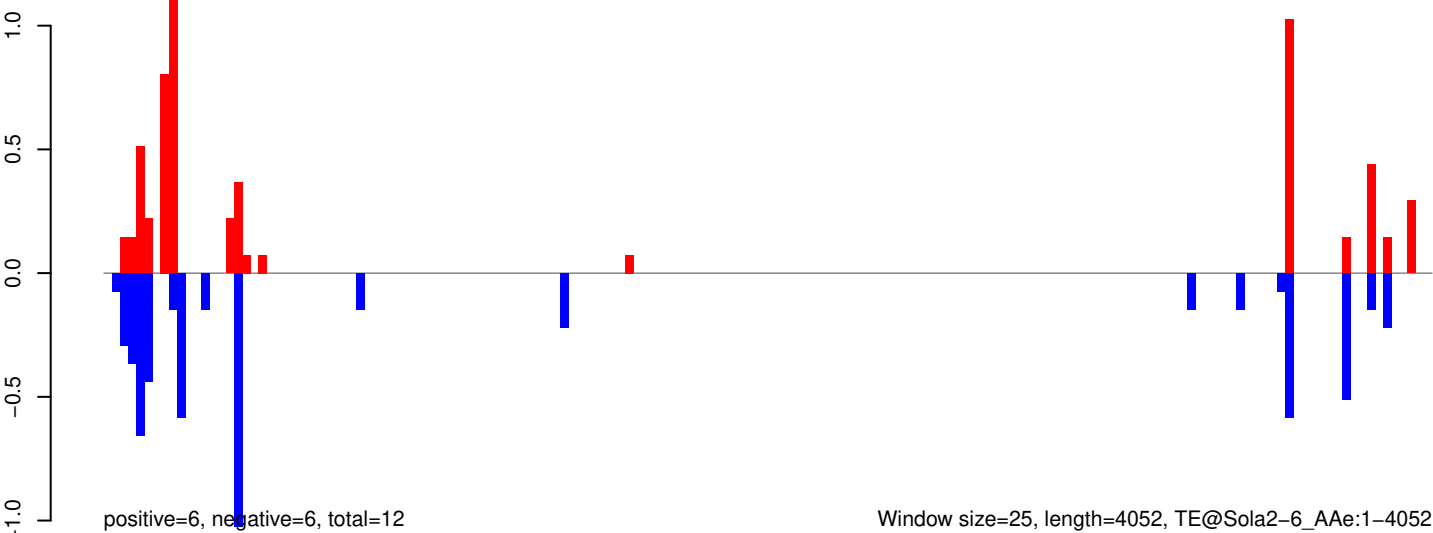
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



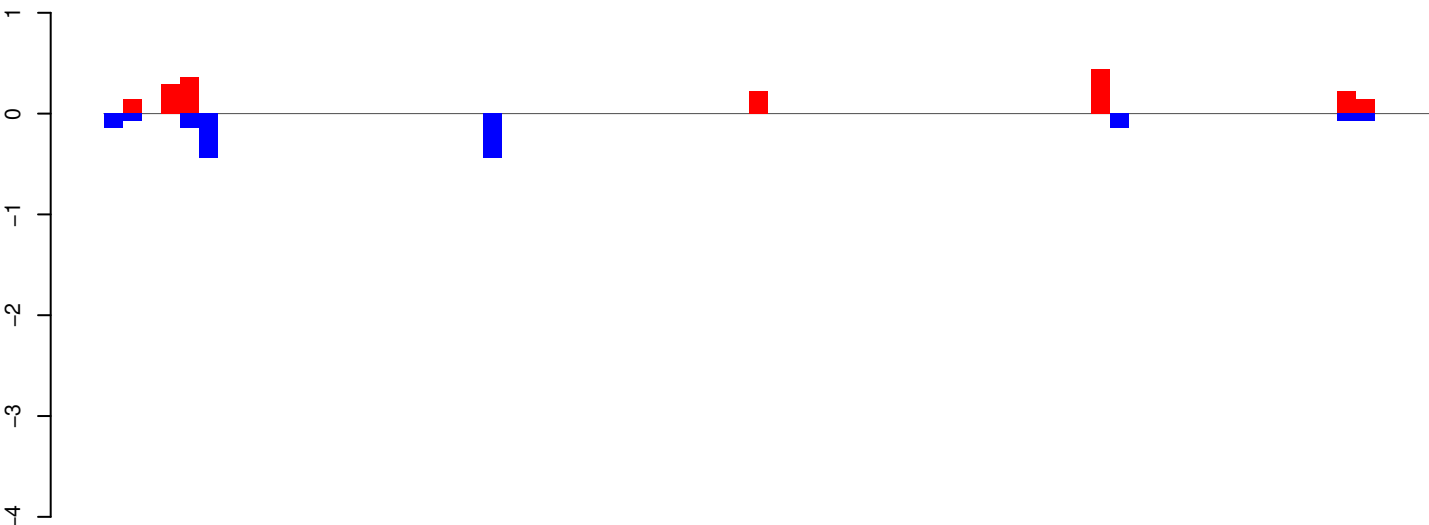
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

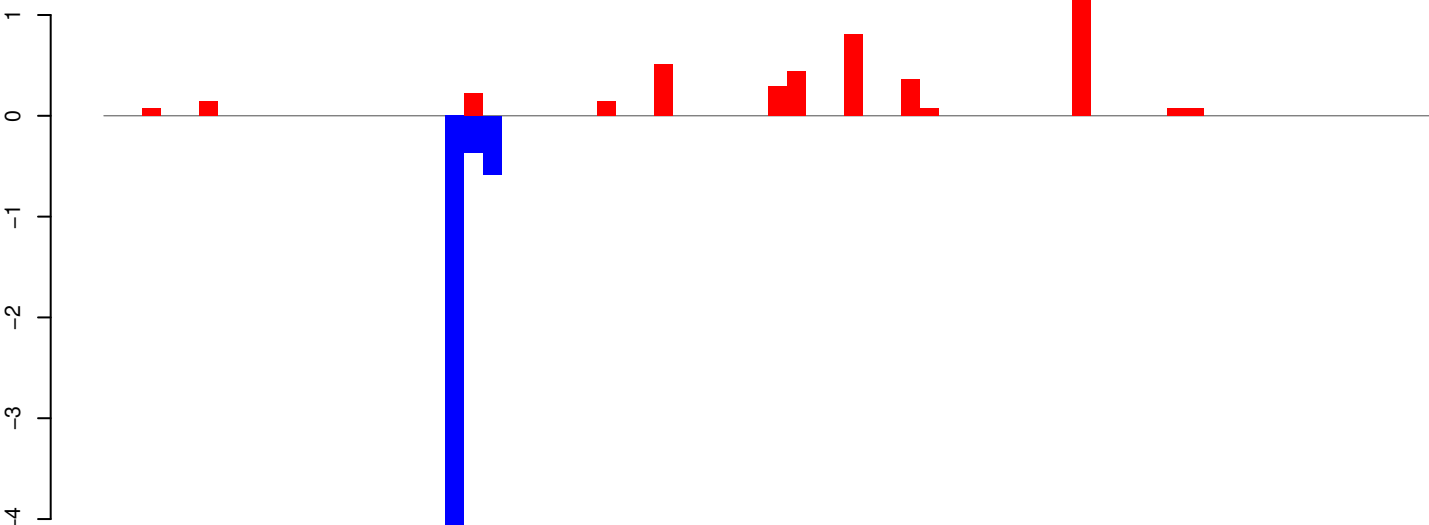


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



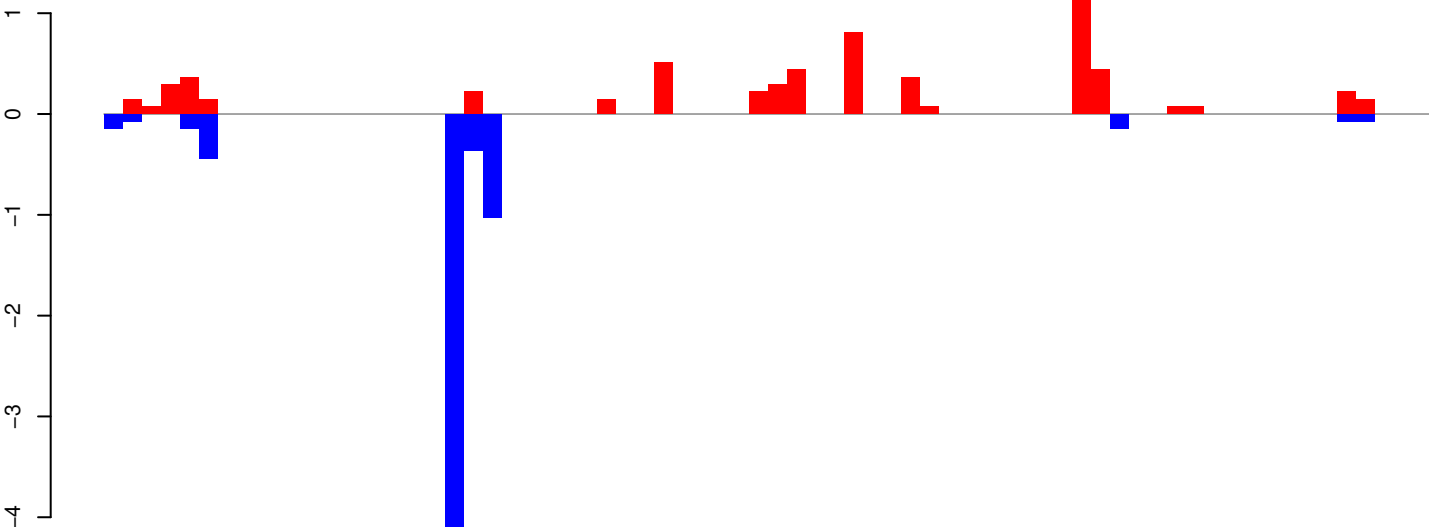
positive=2, negative=2, total=3

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=5, negative=6, total=10

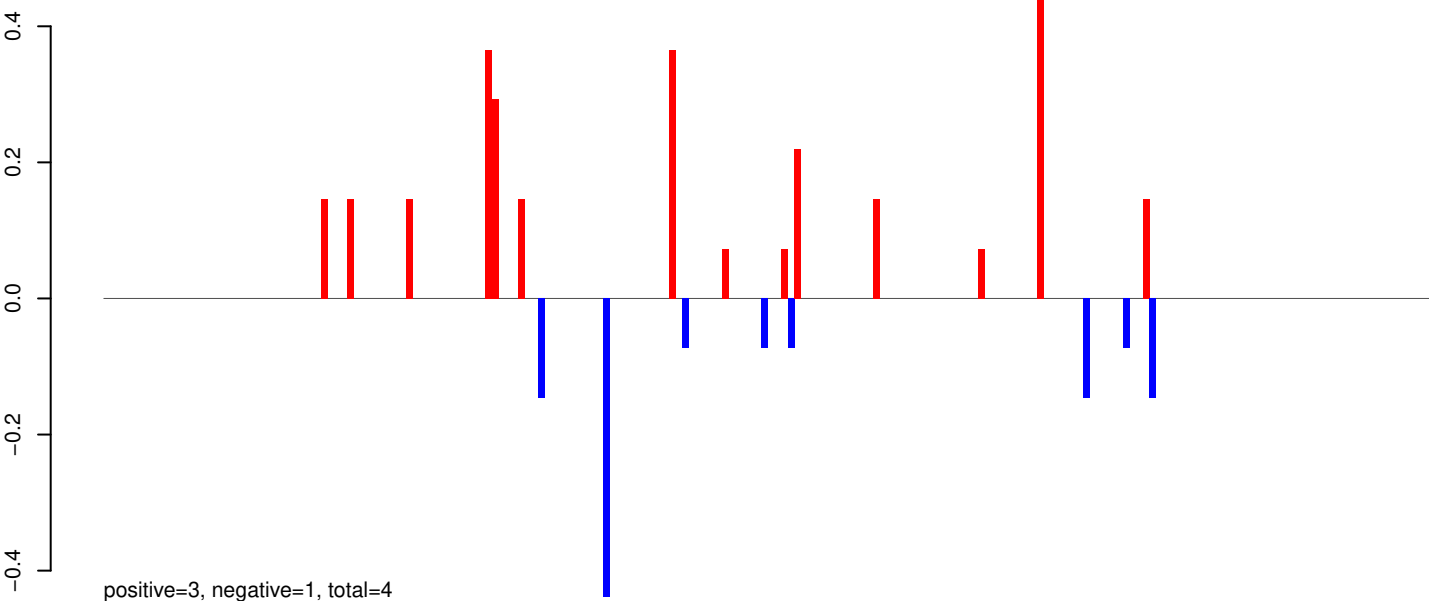
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



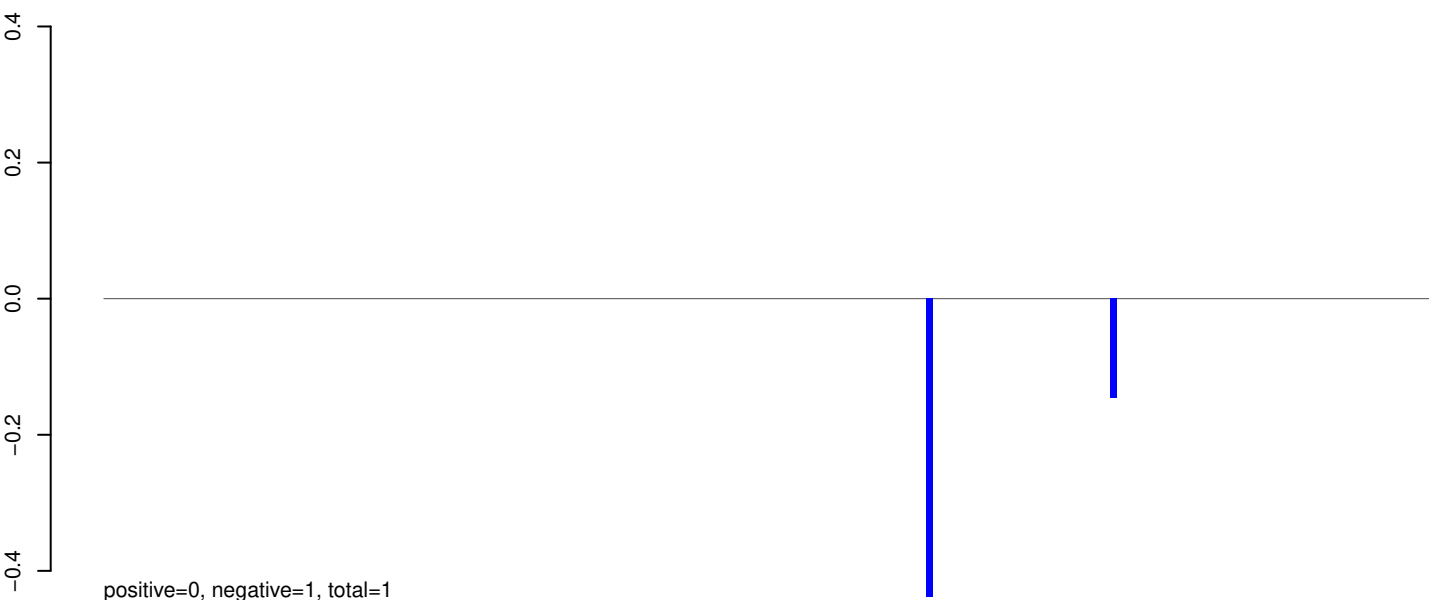
positive=6, negative=7, total=13

Window size=25, length=1743, TE@R=48-UNKNOWN:1-1743

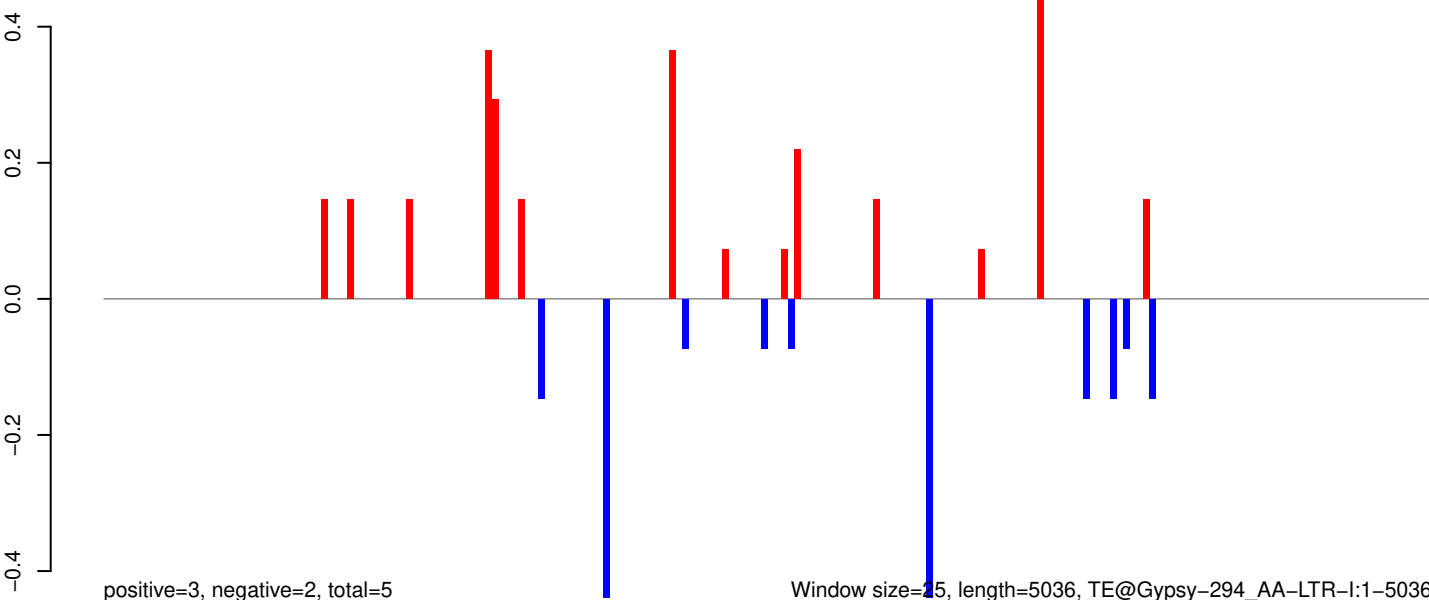
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



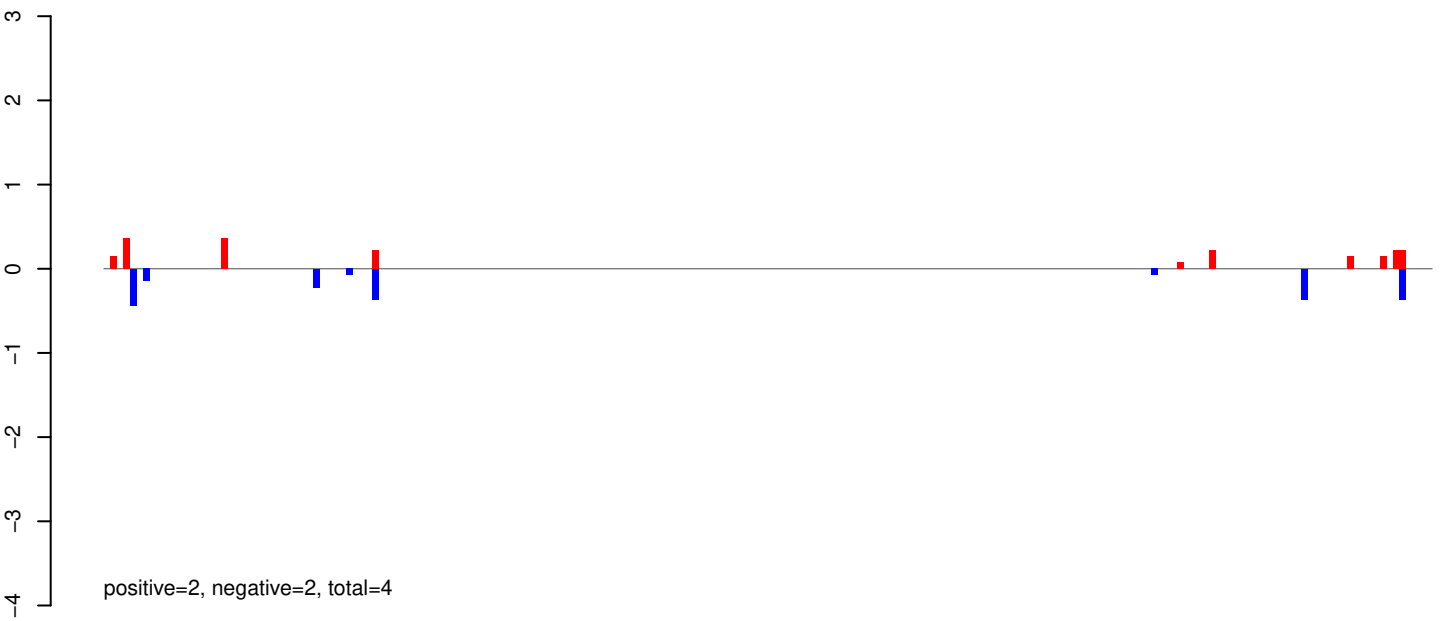
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



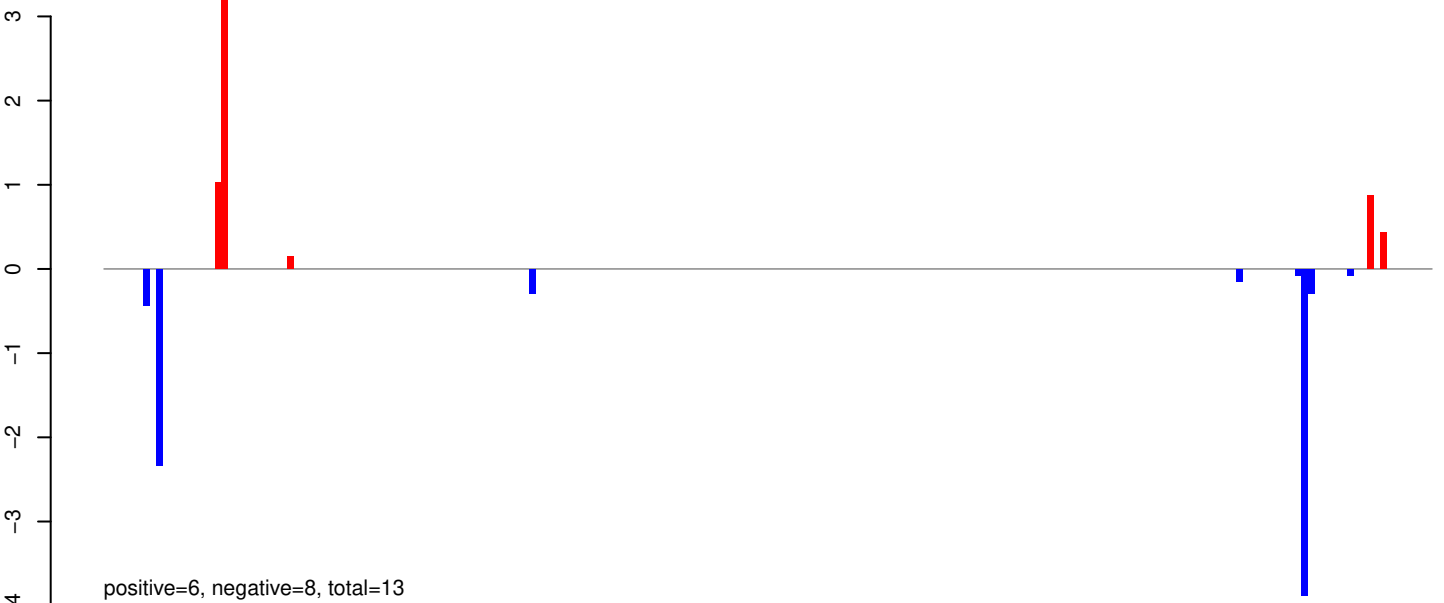
Window size=25, length=5036, TE@Gypsy-294\_AA-LTR-I:1-5036



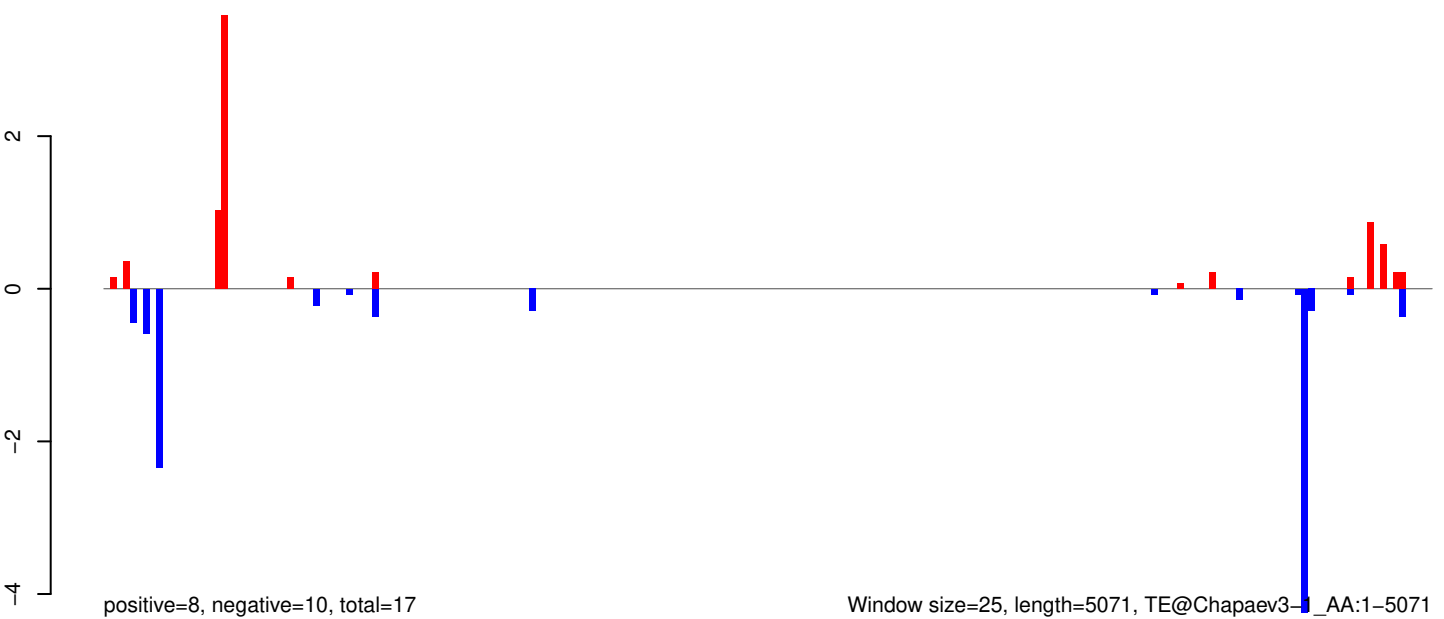
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



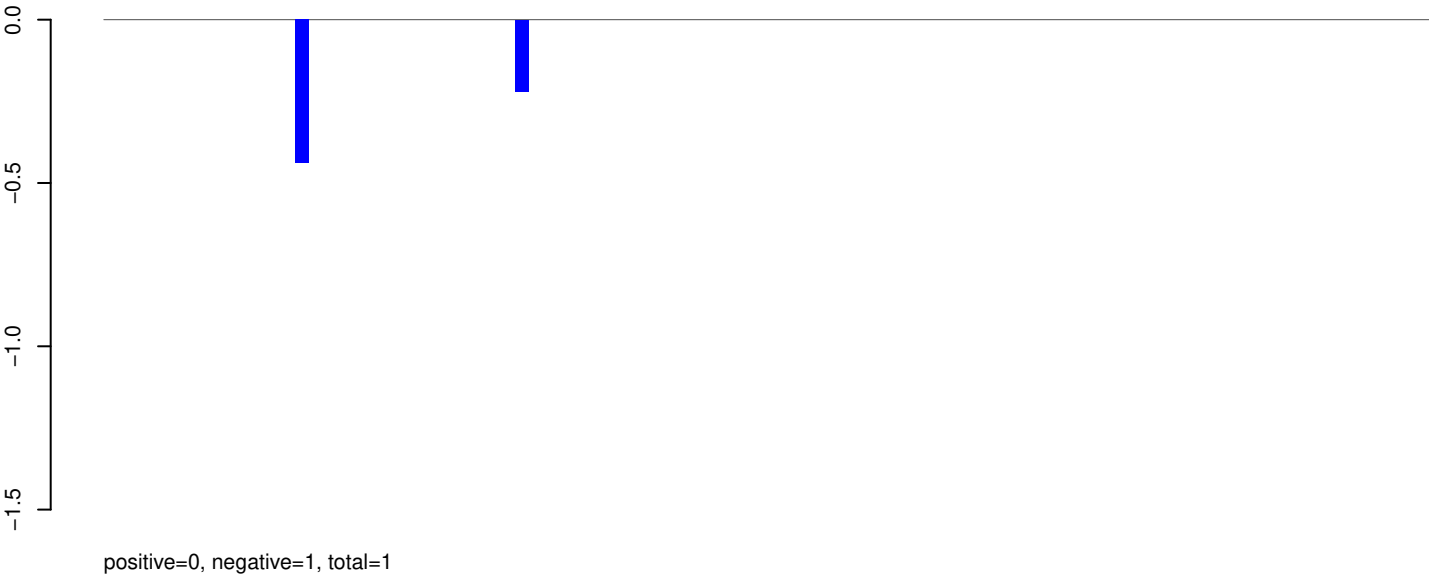
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



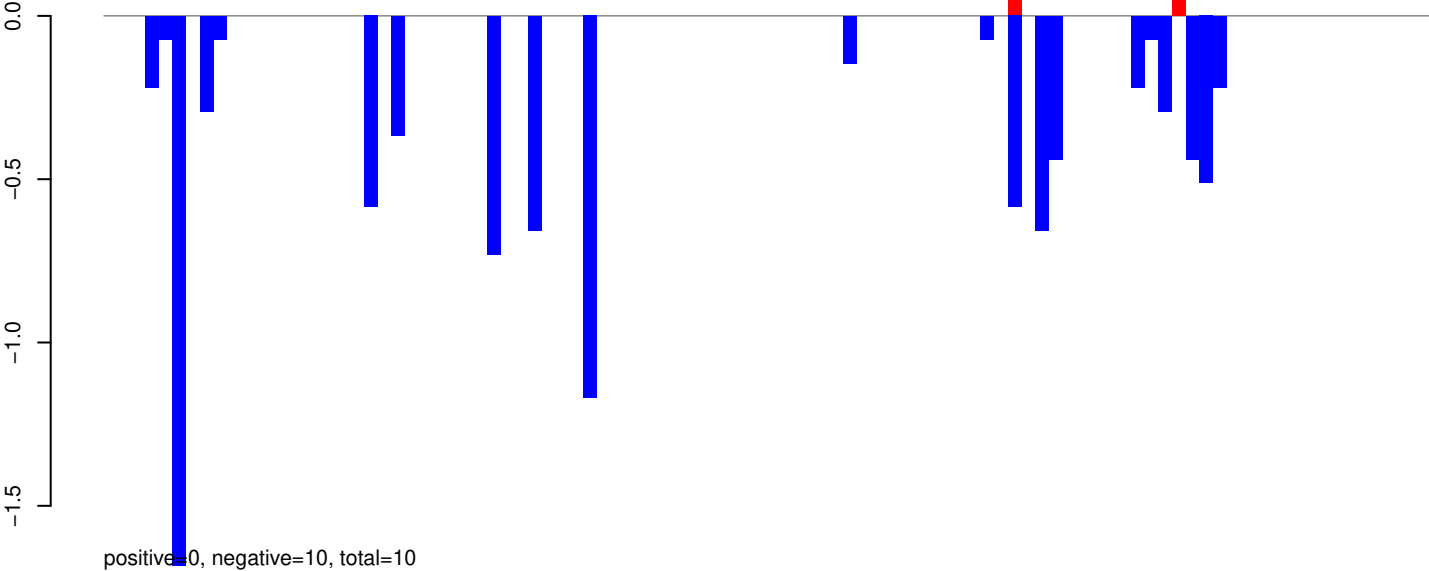
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



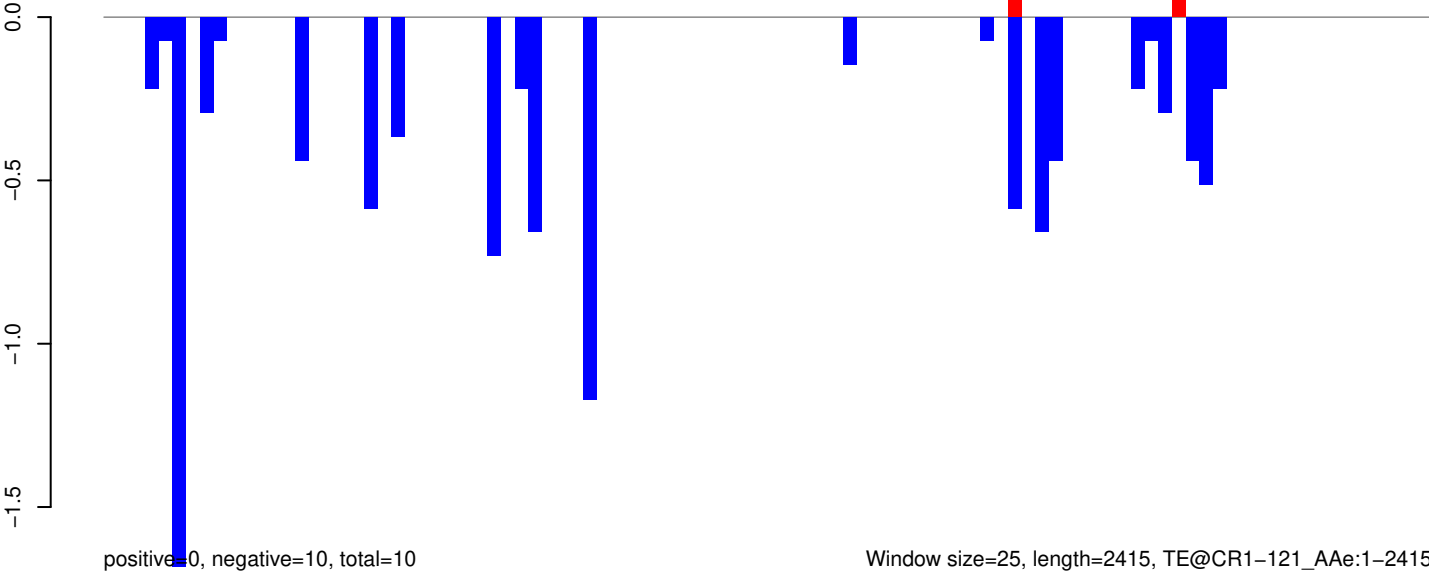
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



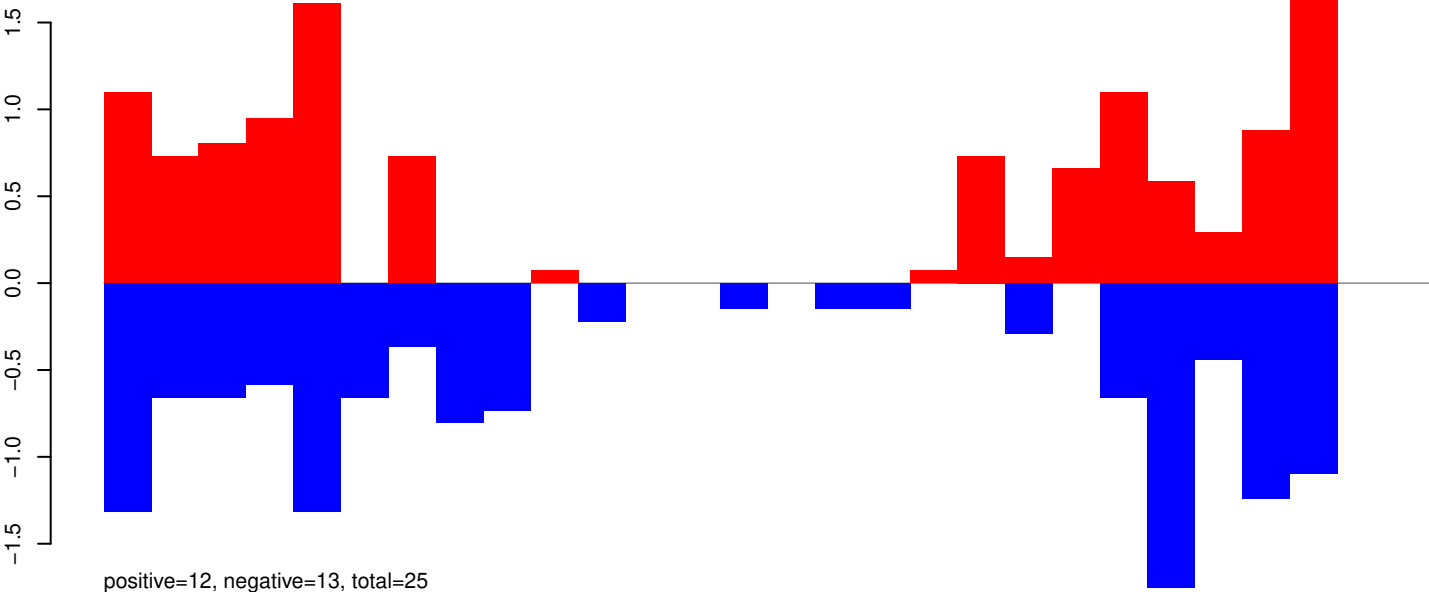
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



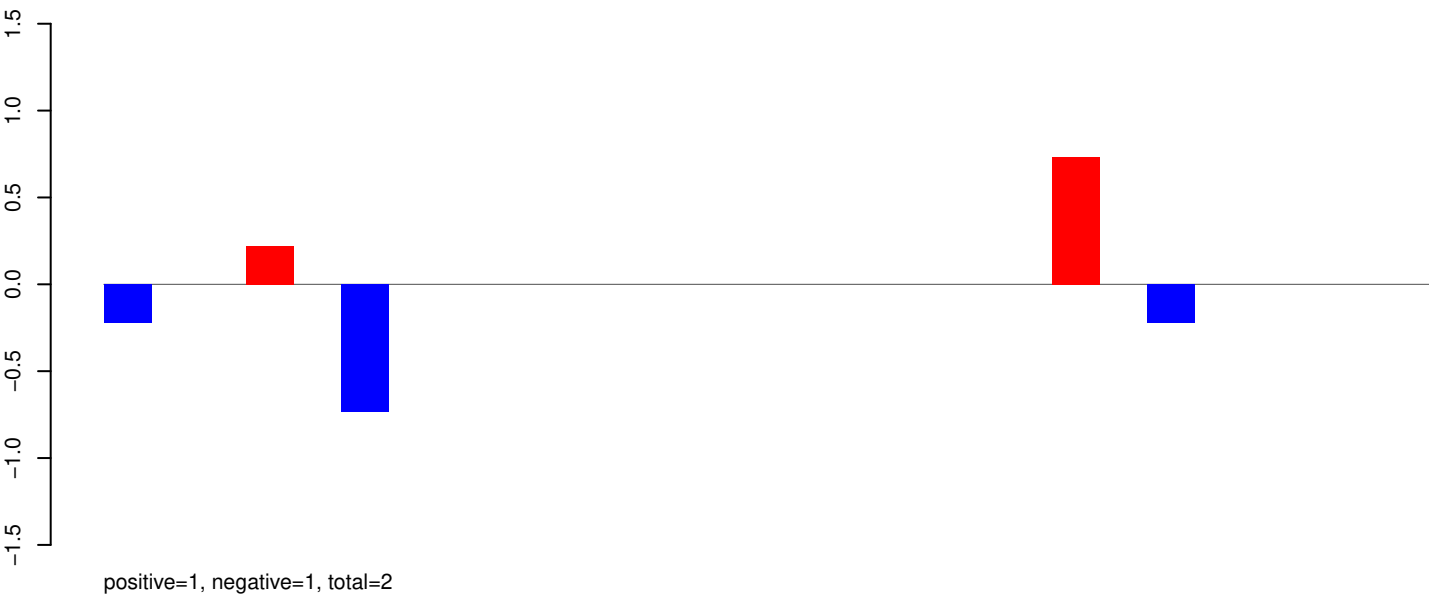
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



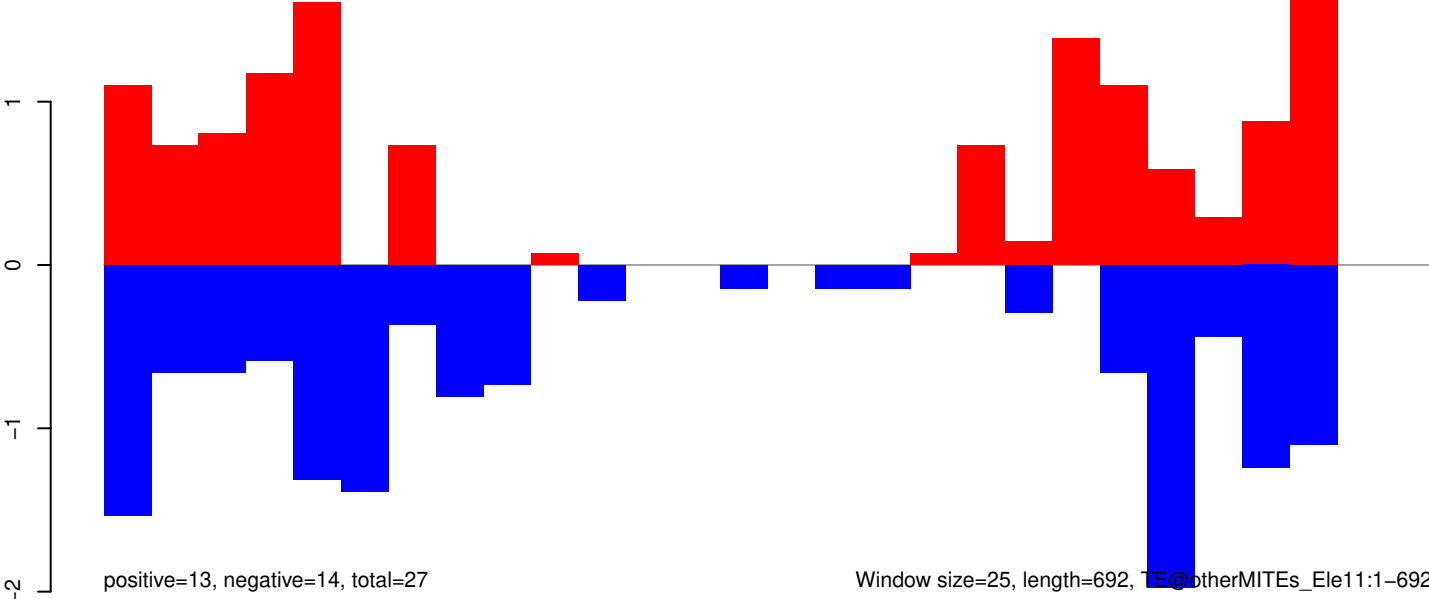
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

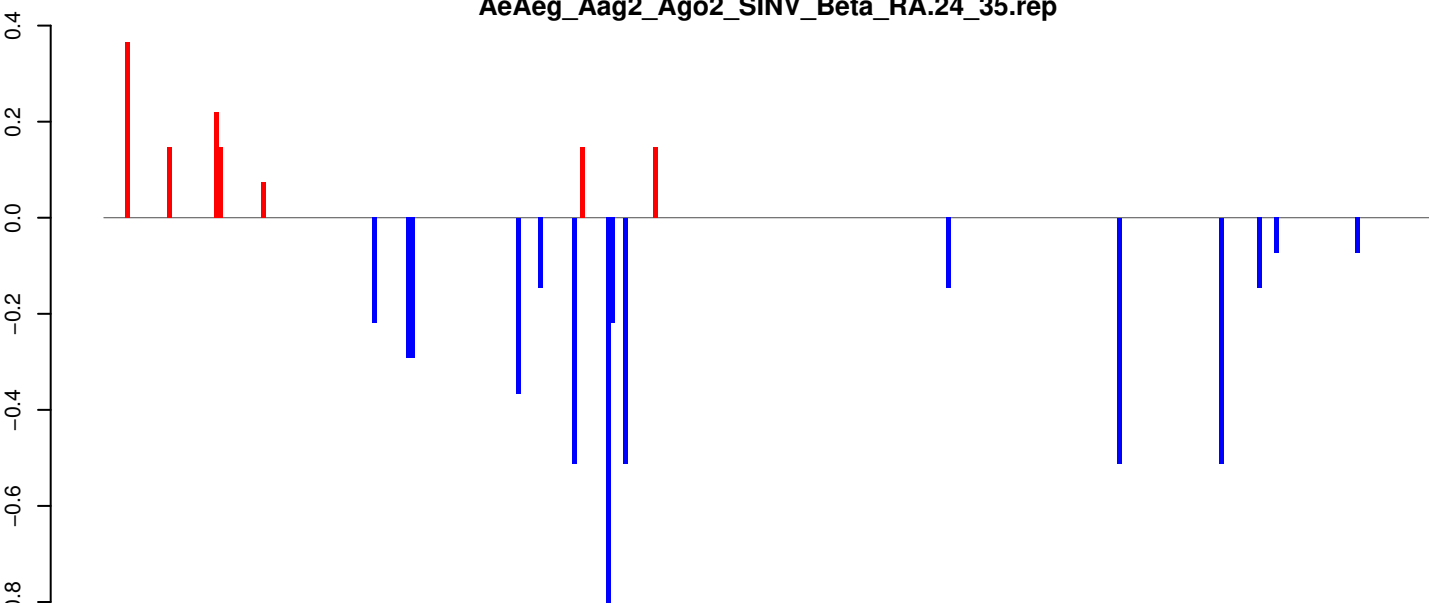


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



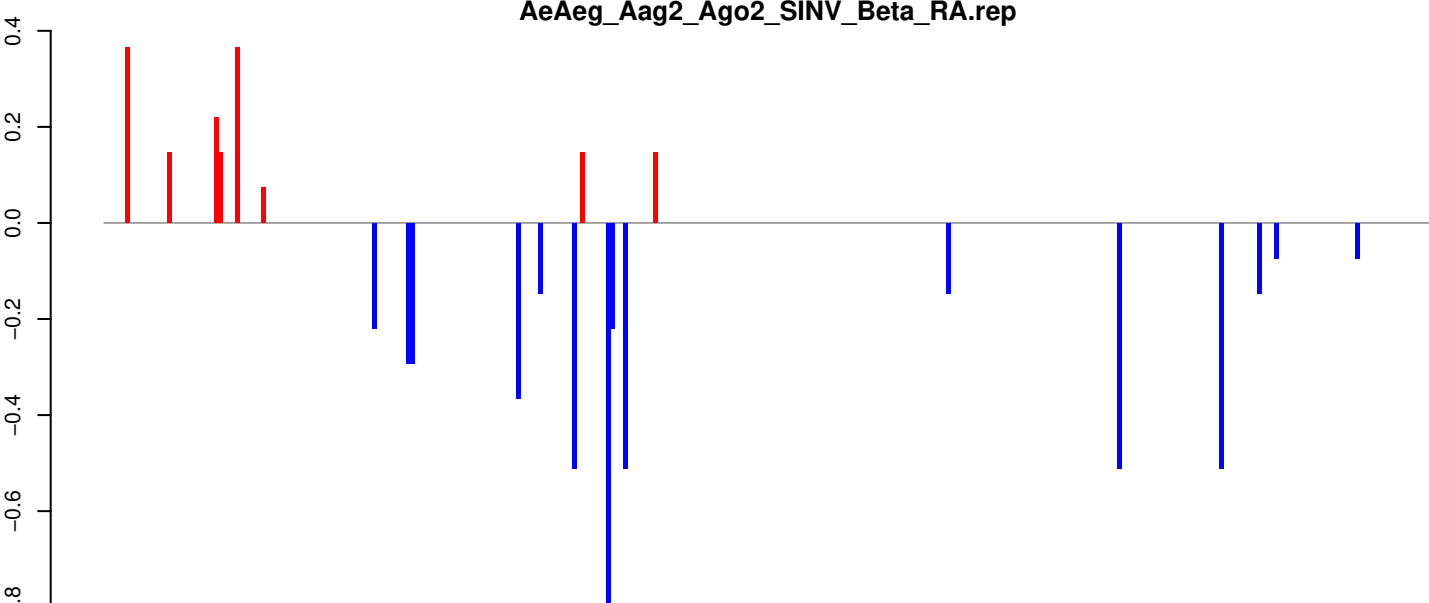
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=5, total=6

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

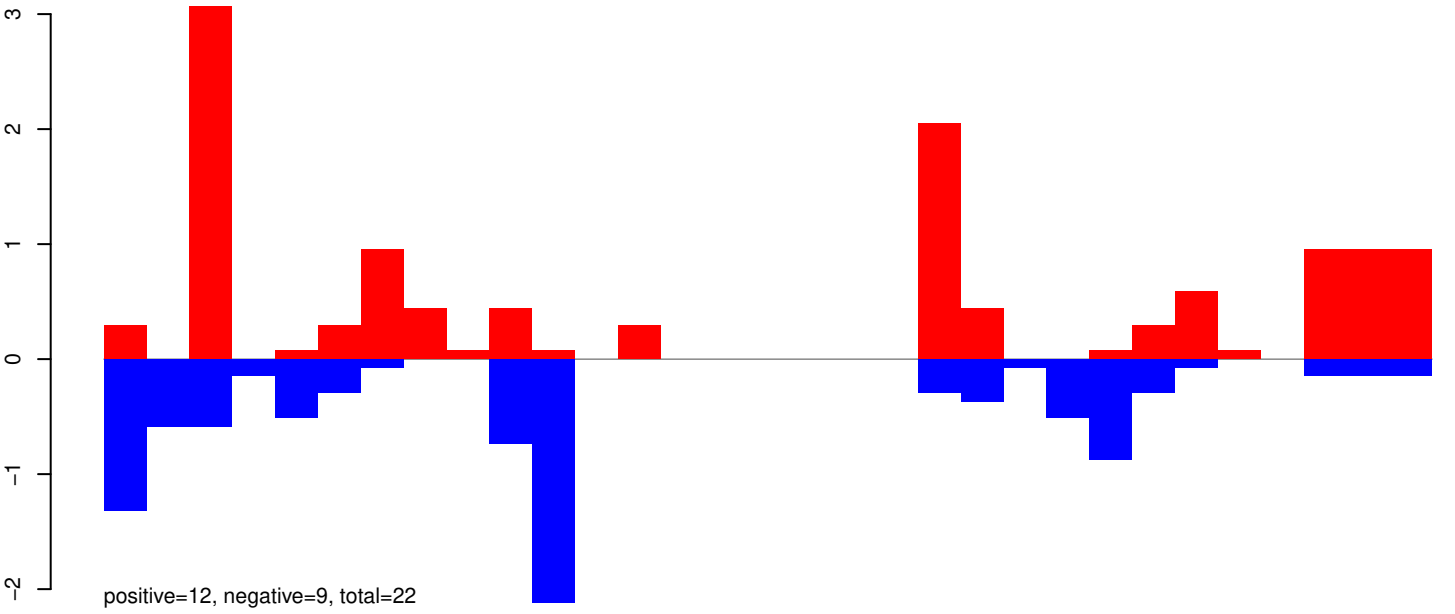


positive=2, negative=5, total=7

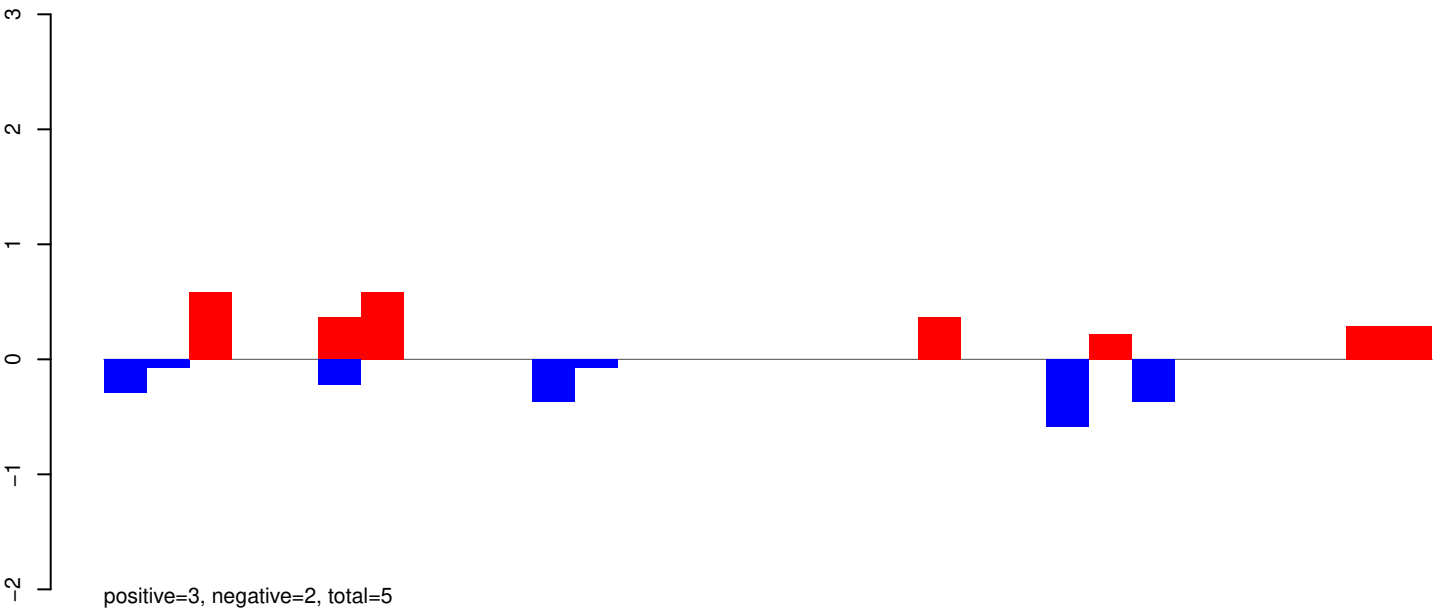
Window size=25, length=7799, TE@Gypsy-603\_AA-LTR-I:1-7799

0 2000 4000 6000 8000

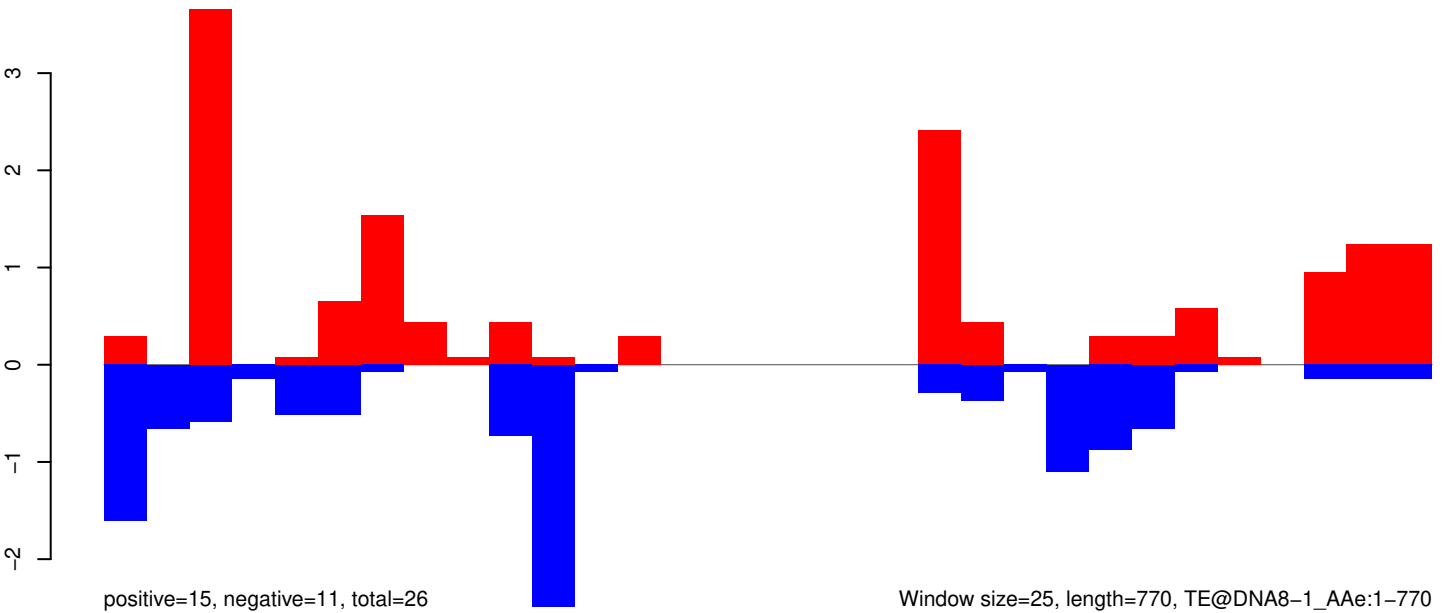
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

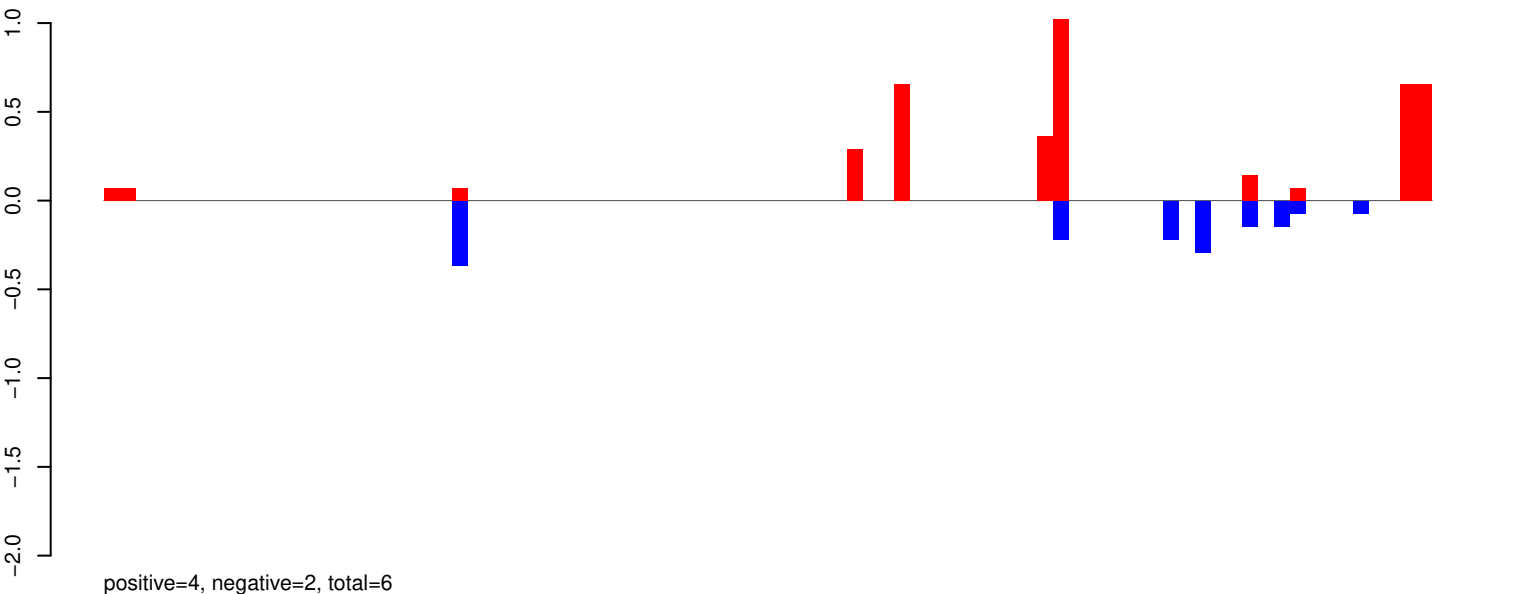


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

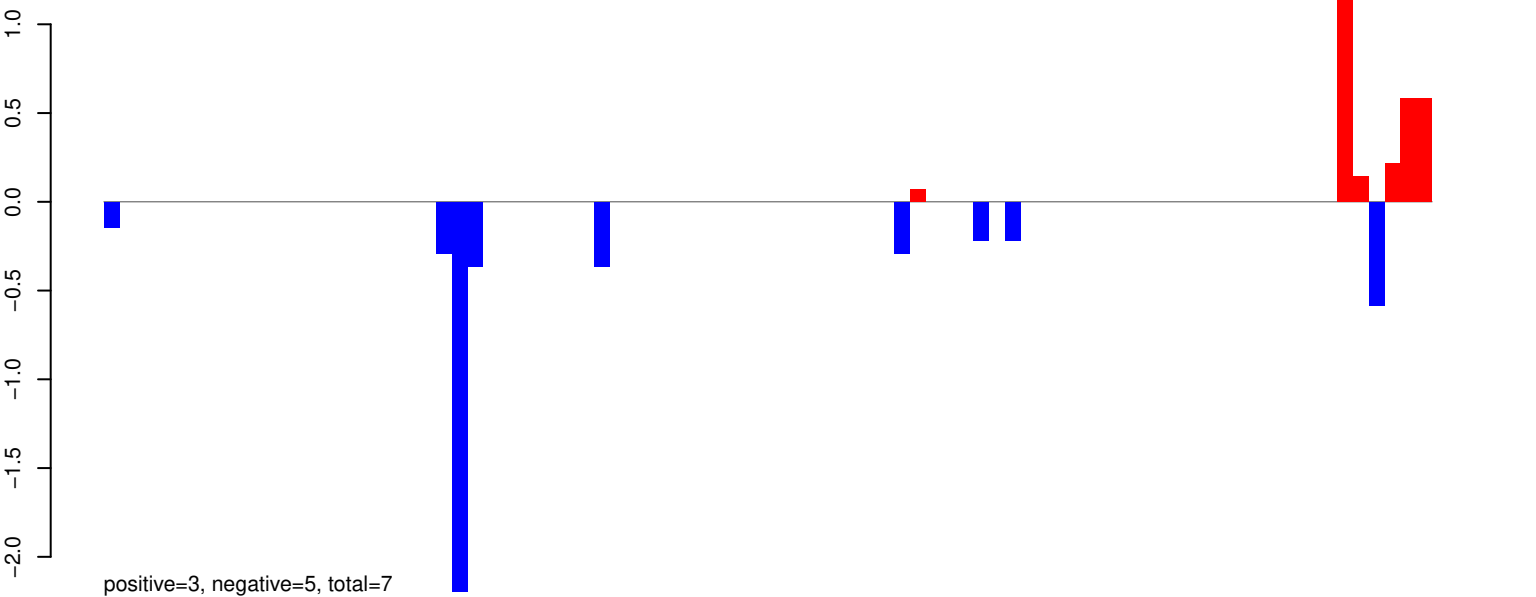


Window size=25, length=770, TE@DNA8-1\_AAe:1-770

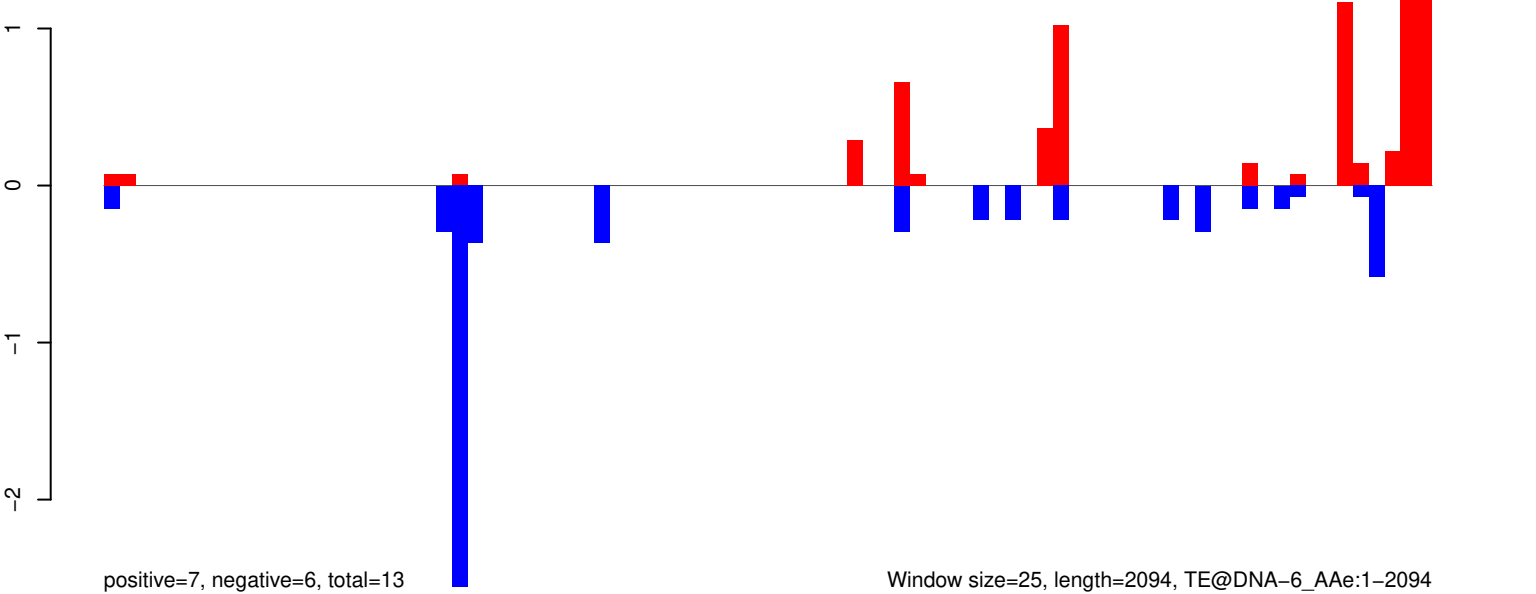
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



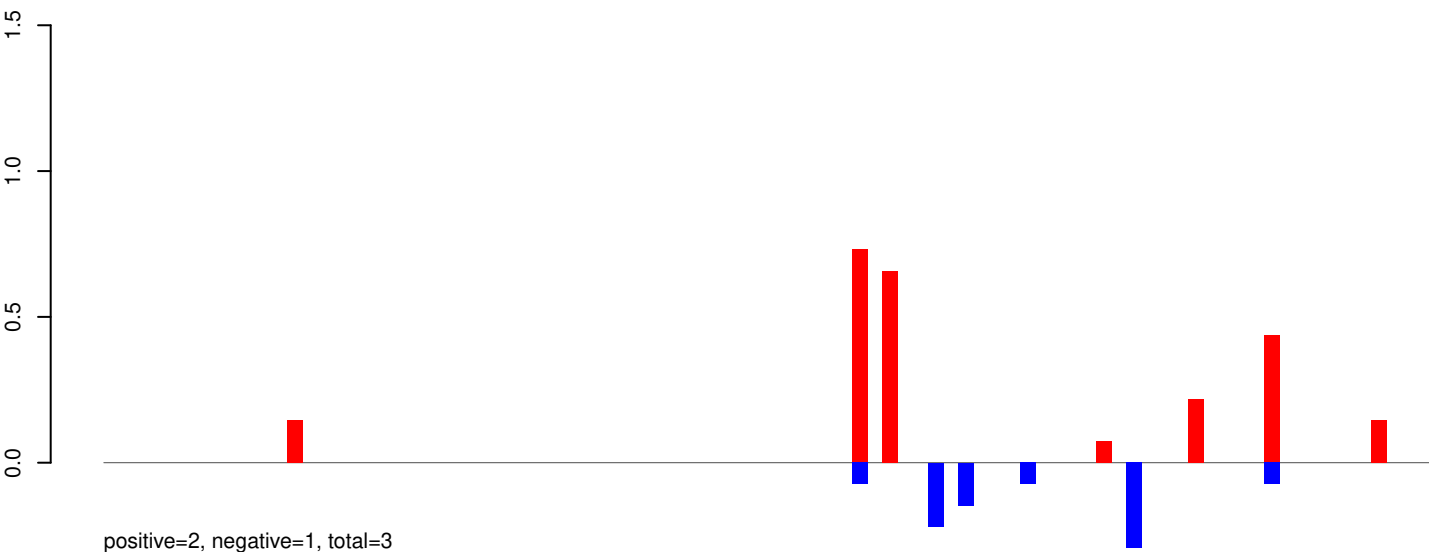
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



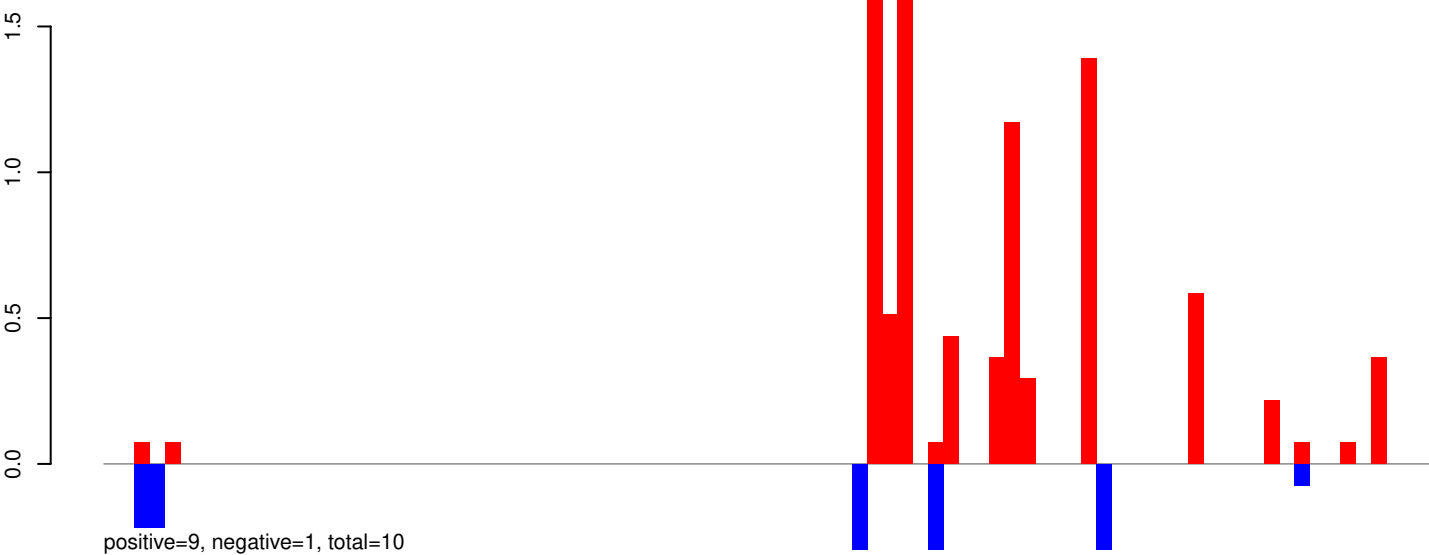
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



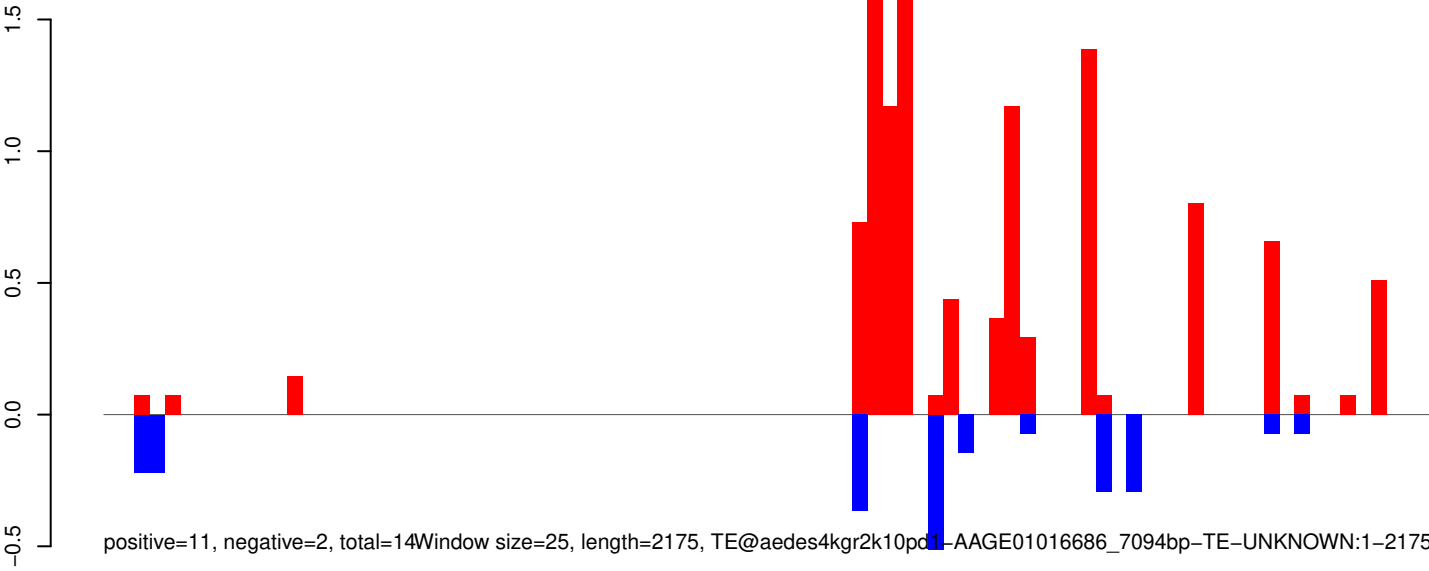
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



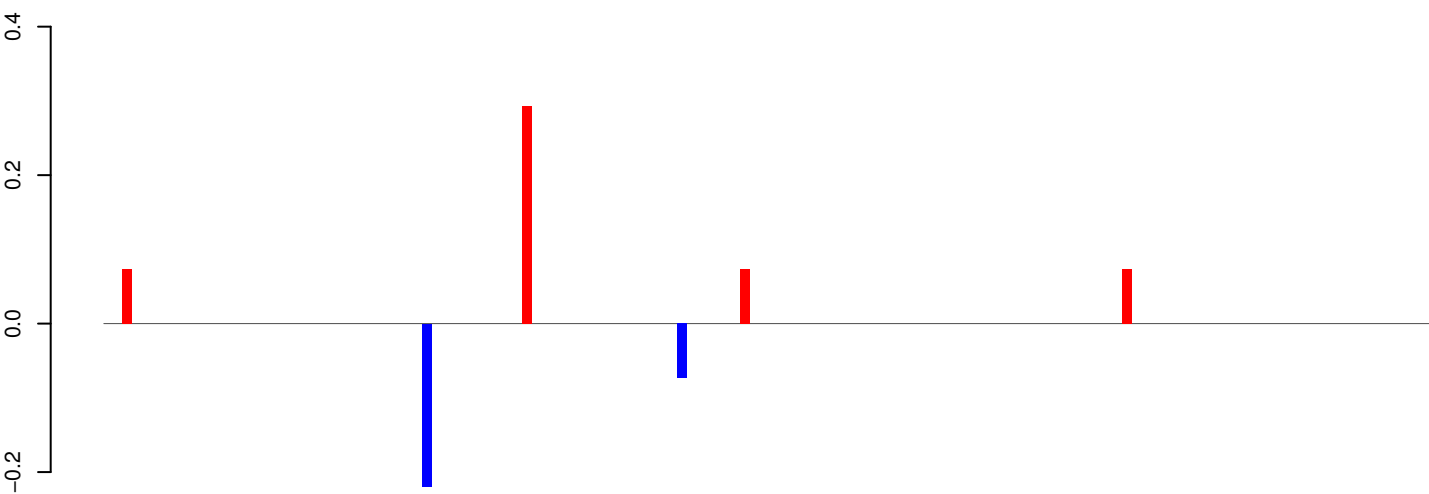
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

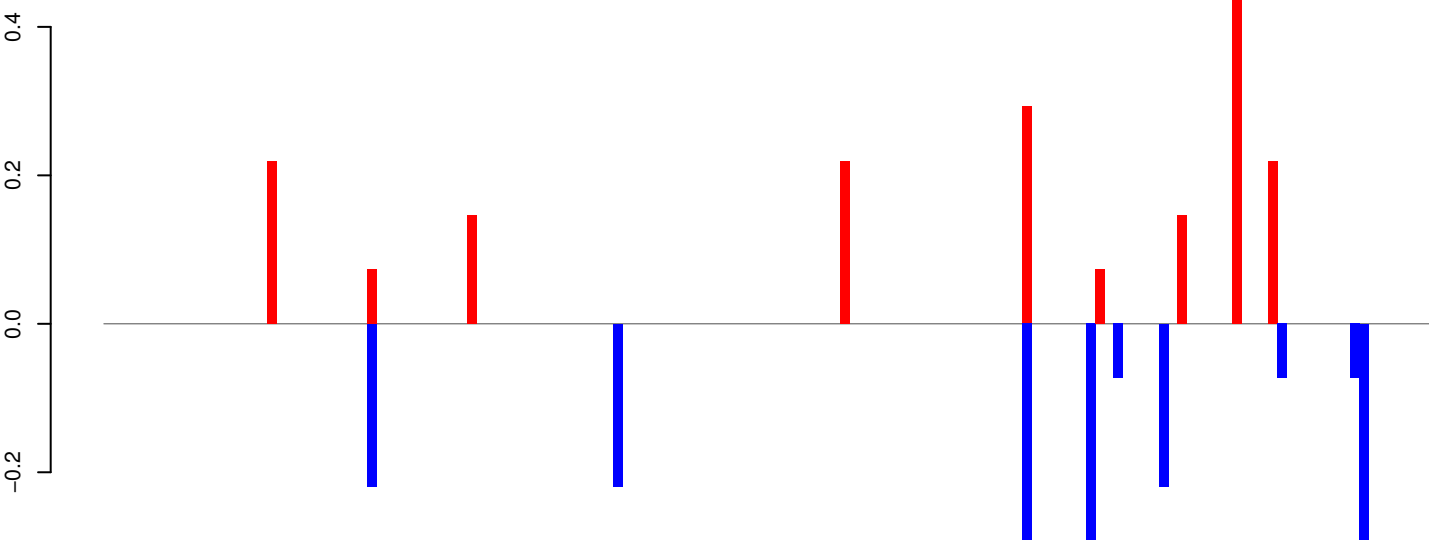


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



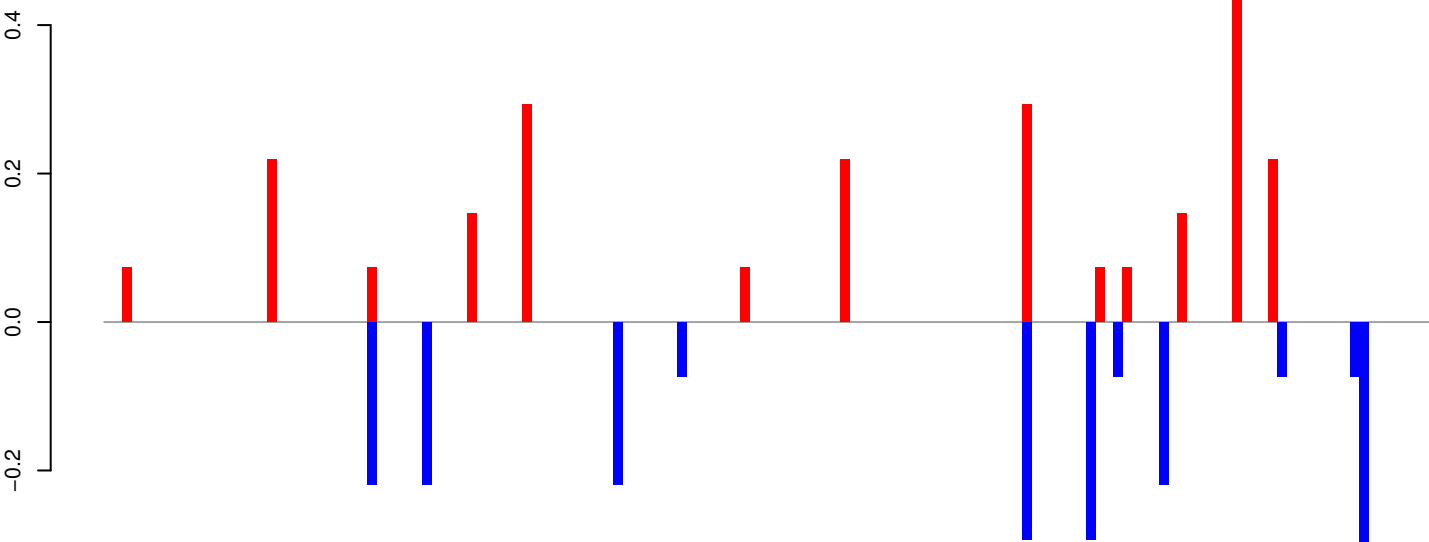
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=2, negative=2, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



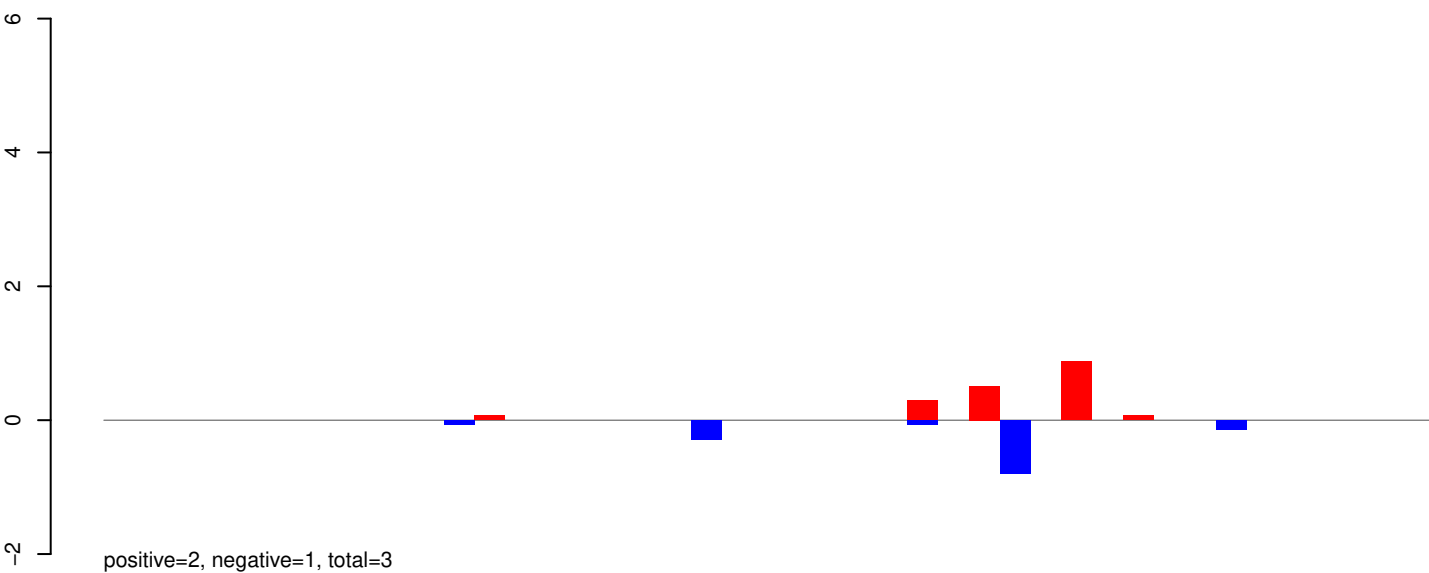
positive=2, negative=2, total=4

Window size=25, length=3641, TE@TF001280-otherMITEs\_Ele711-3641

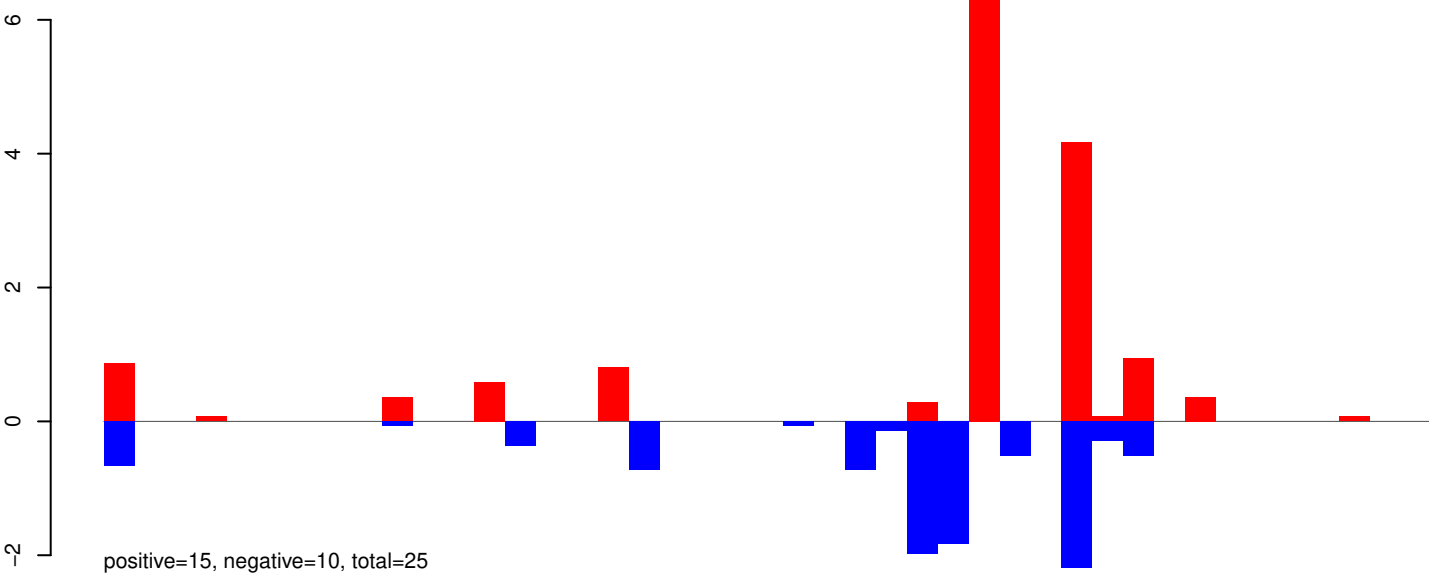
0 1000 2000 3000



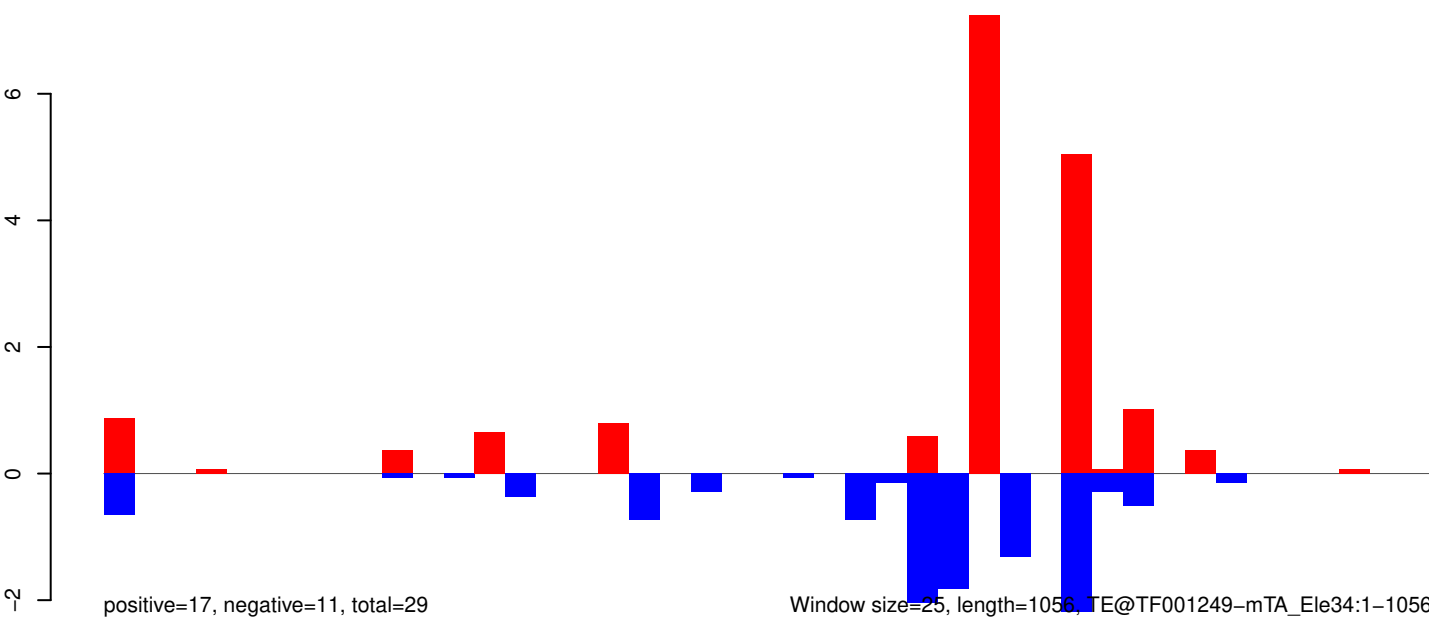
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



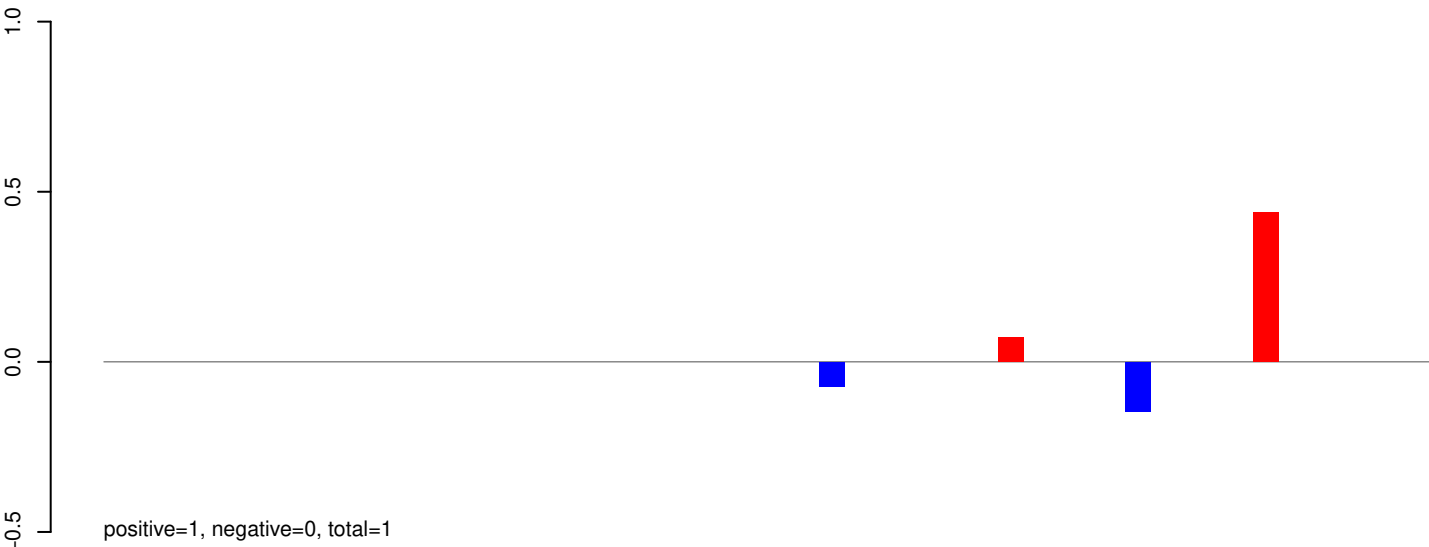
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



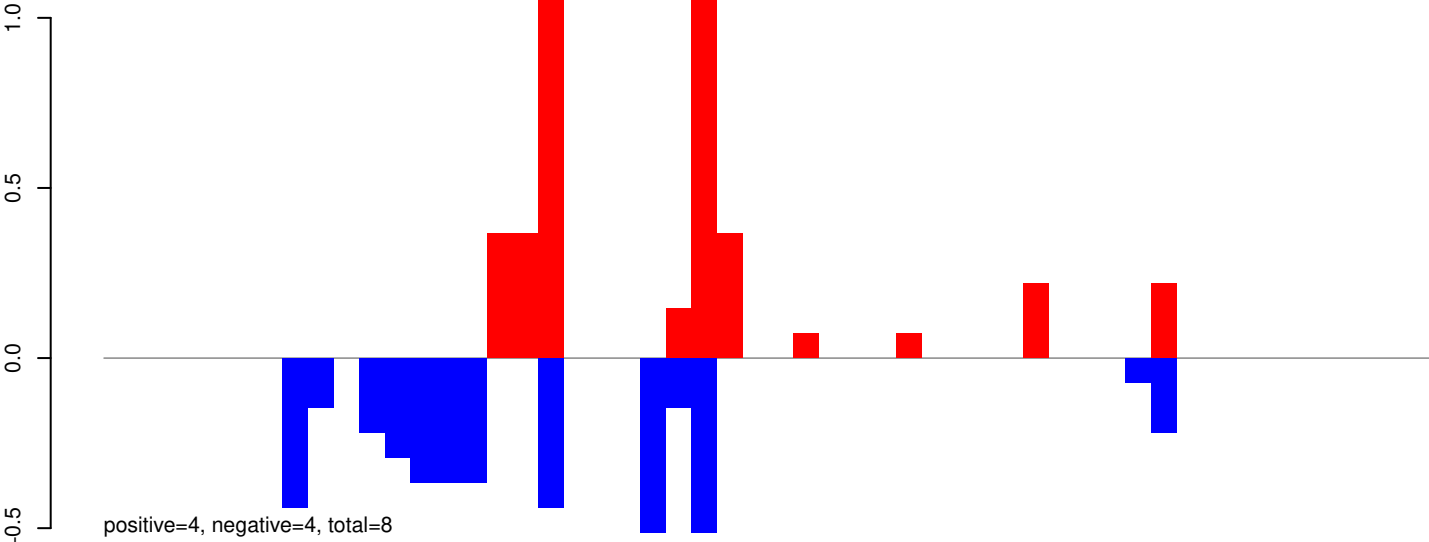
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



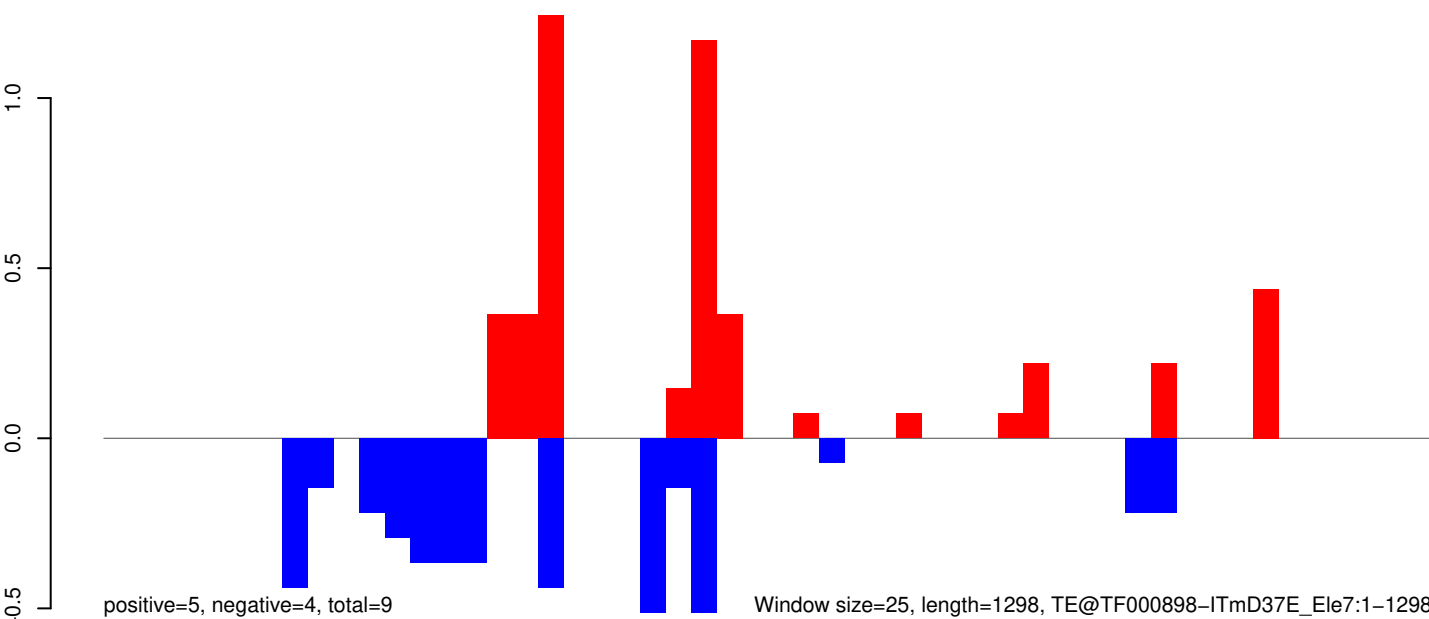
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



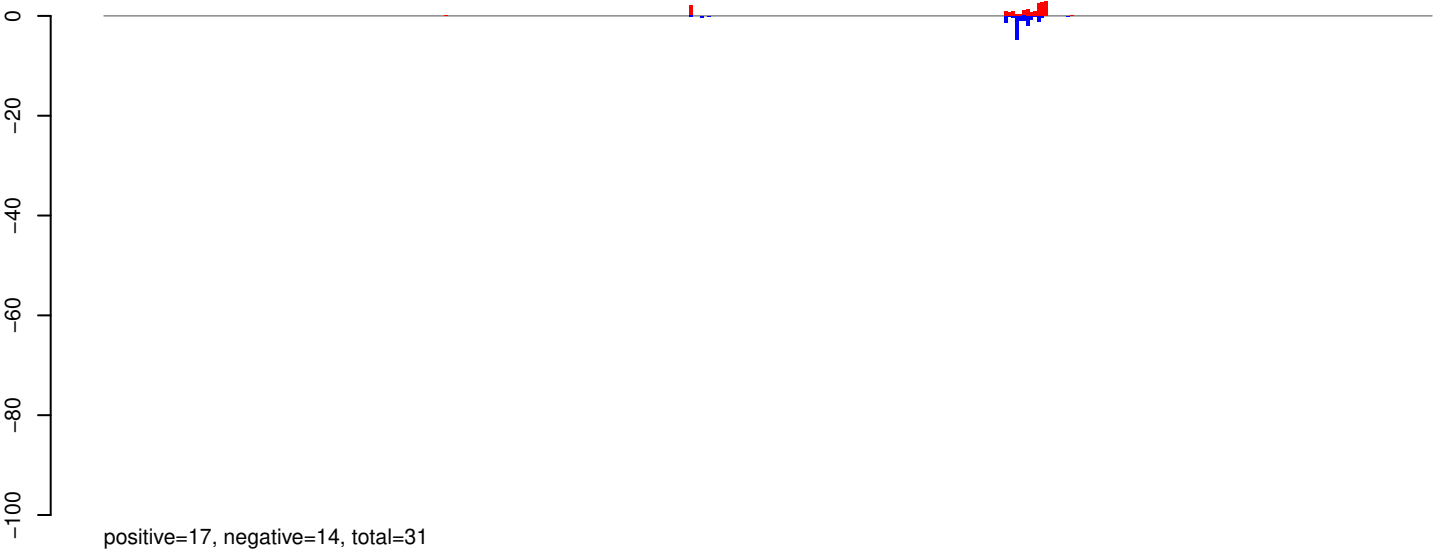
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



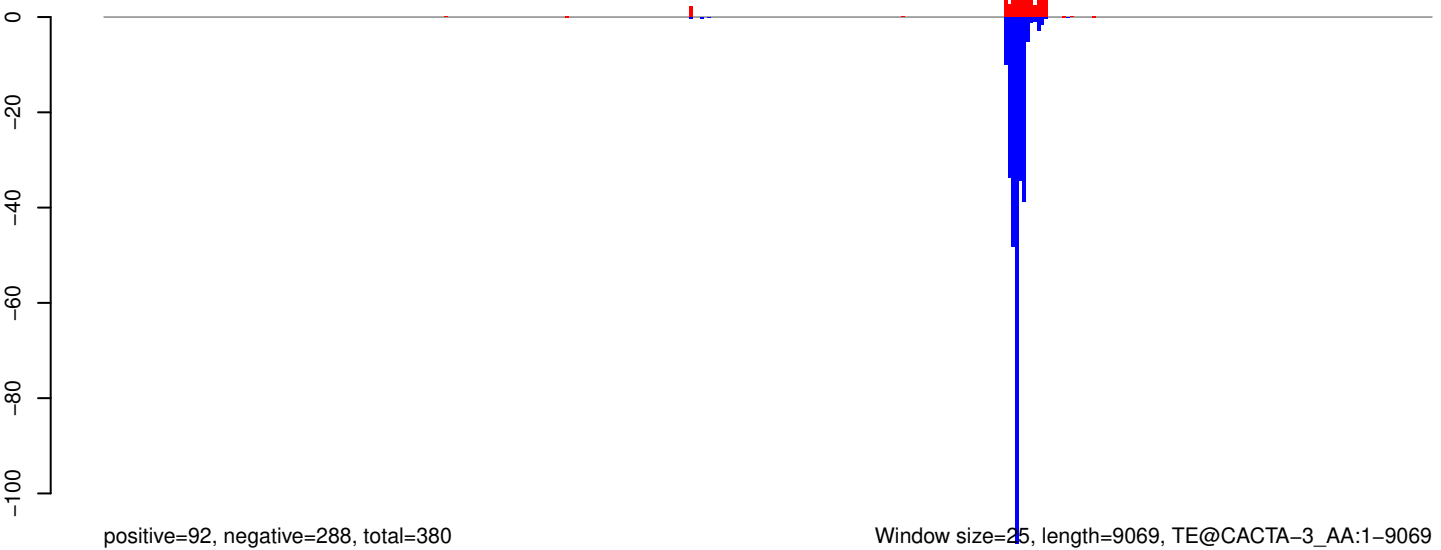
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

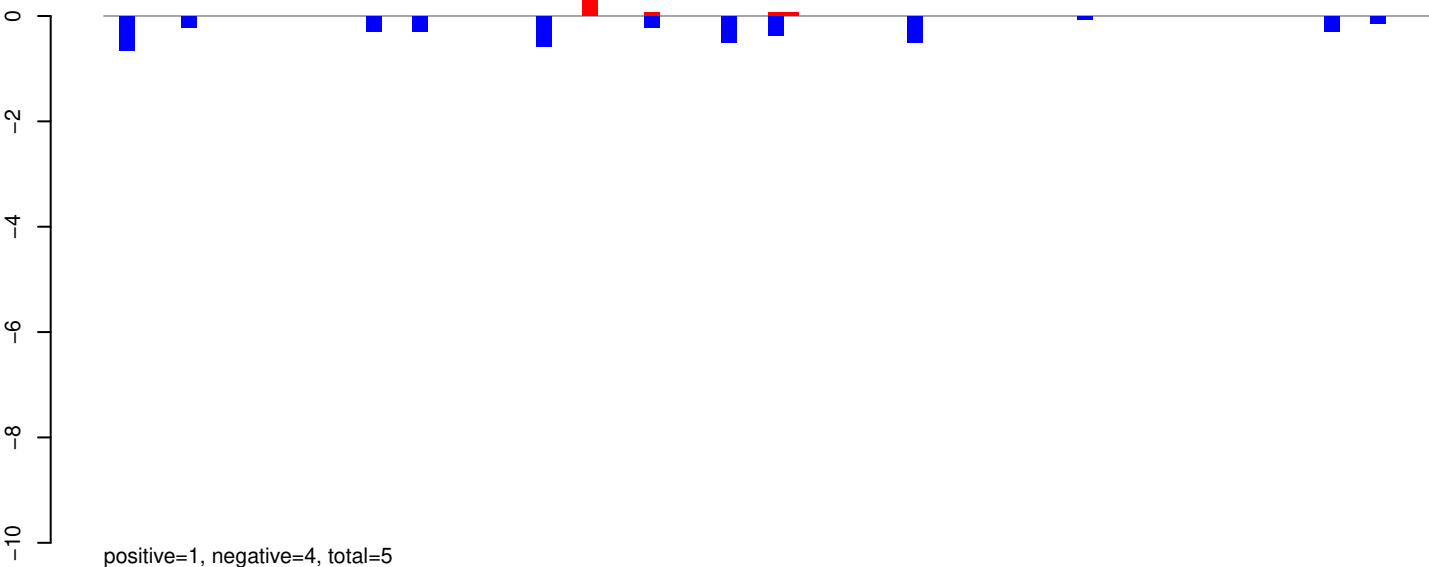


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

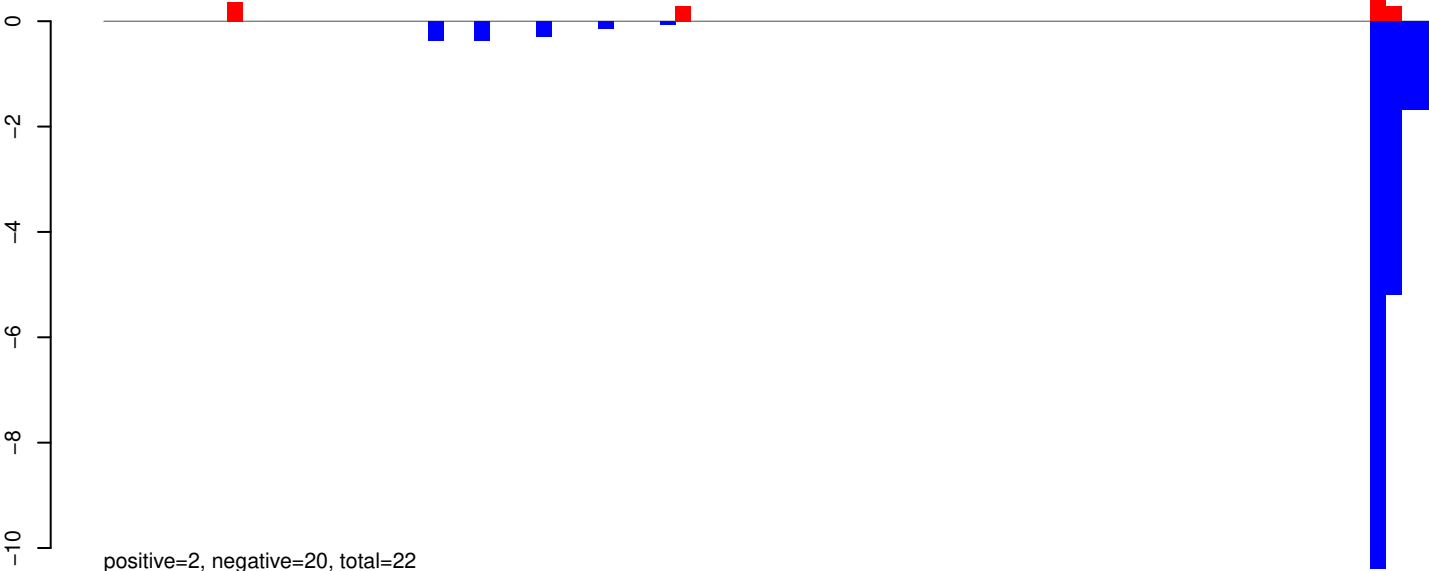


0 2000 4000 6000 8000

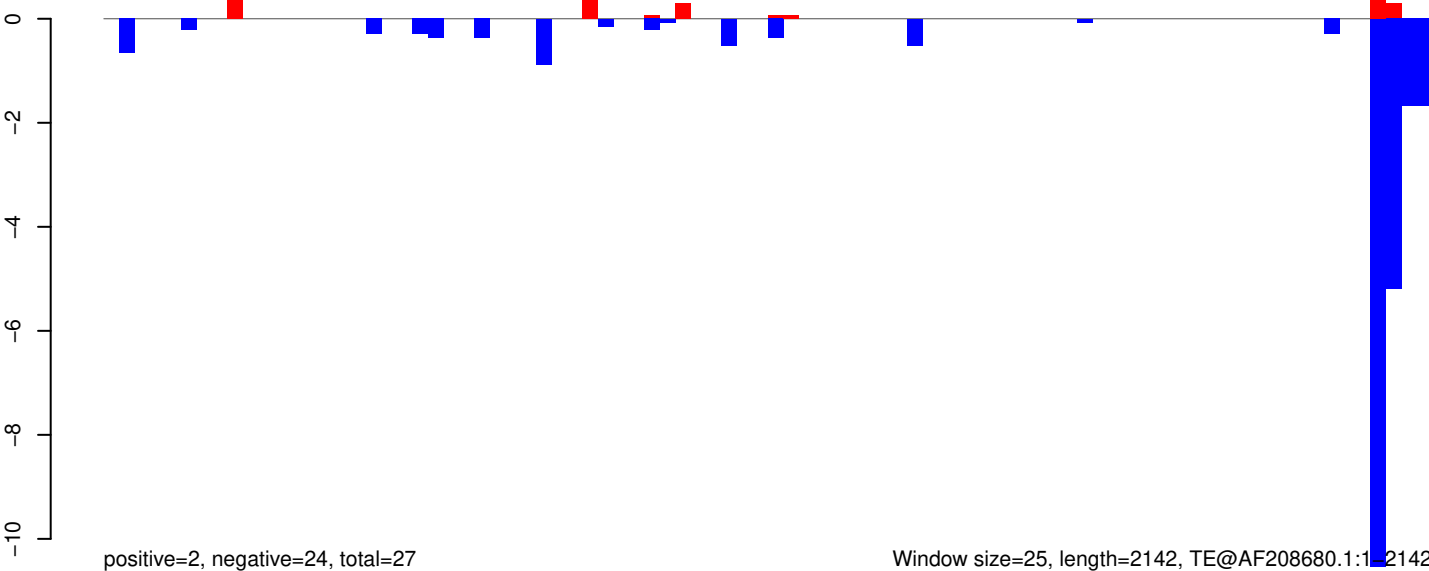
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



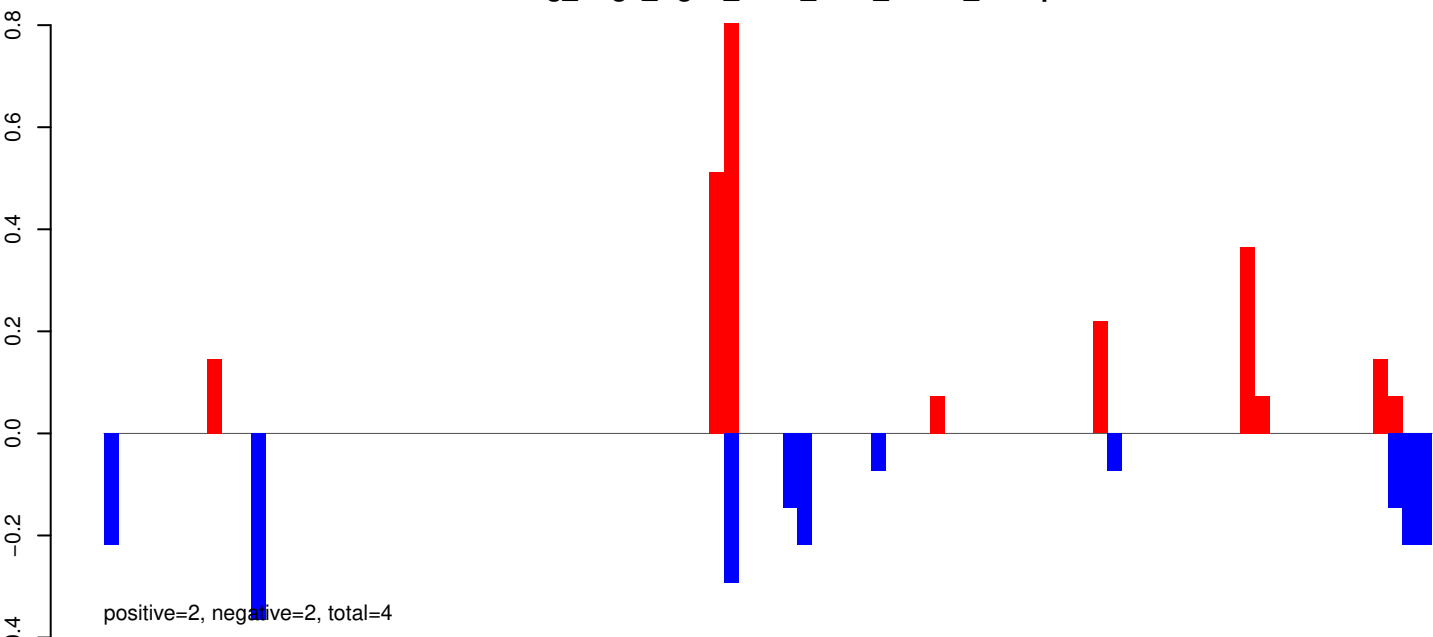
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



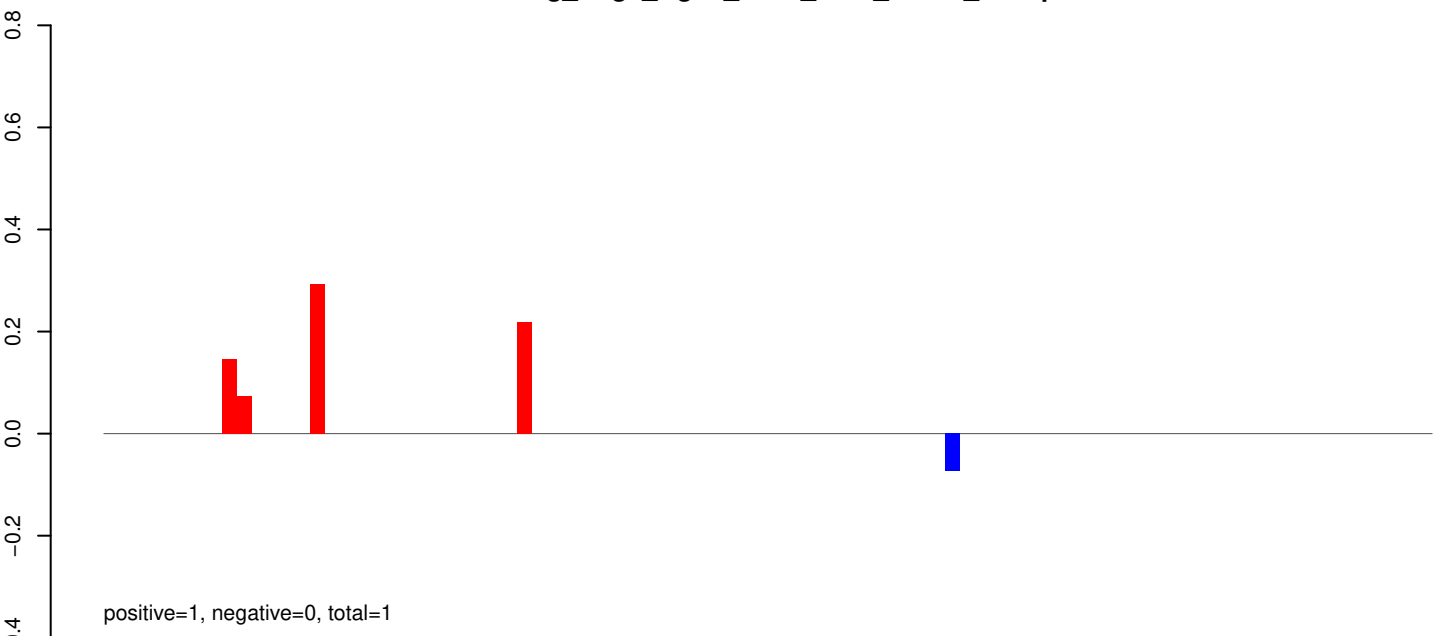
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



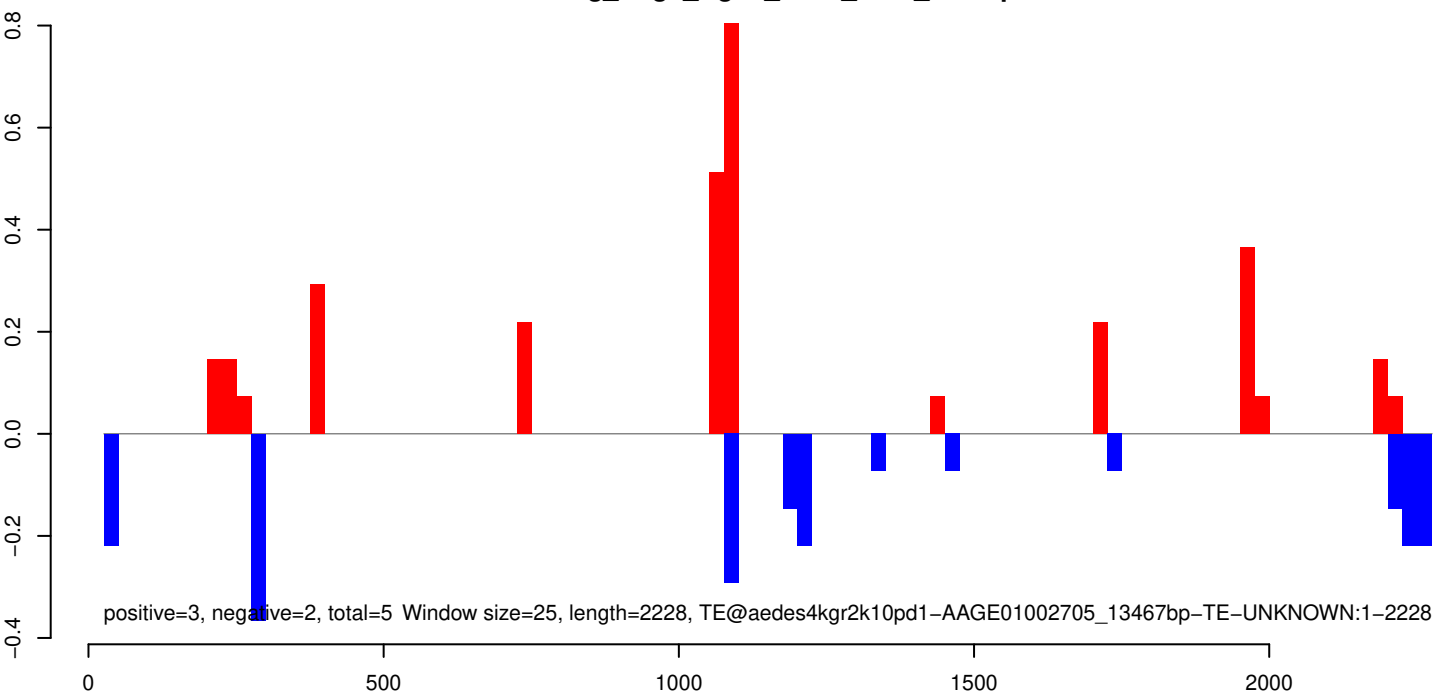
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



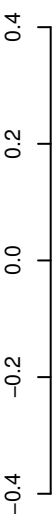
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

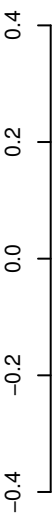


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



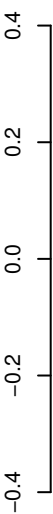
positive=2, negative=2, total=3

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



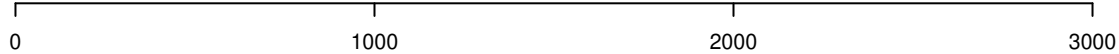
positive=1, negative=1, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

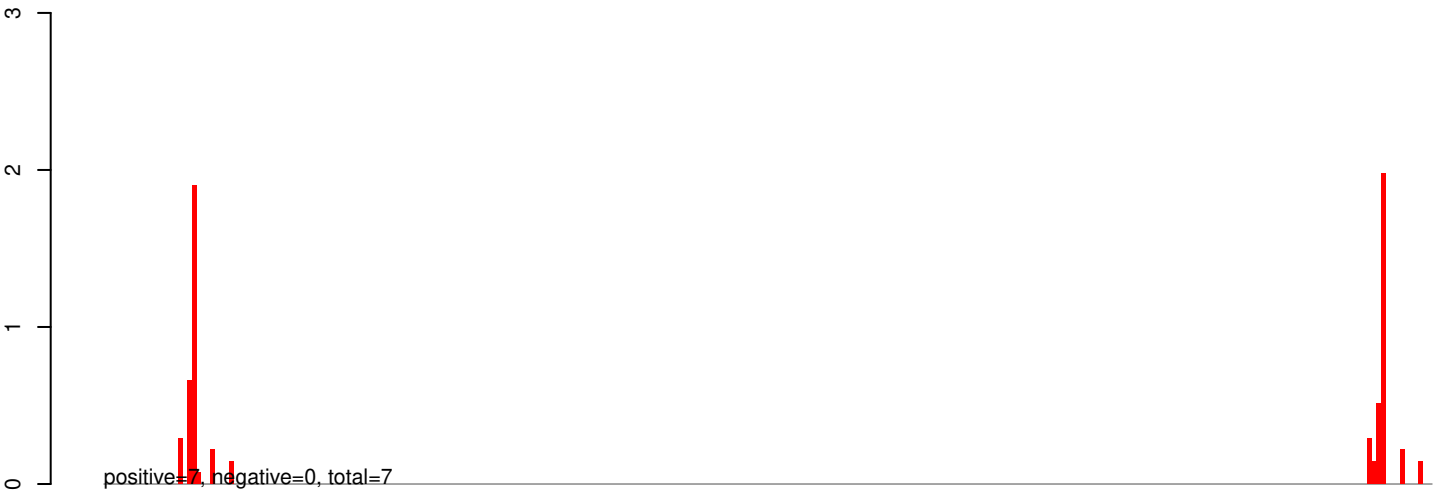


positive=2, negative=2, total=4

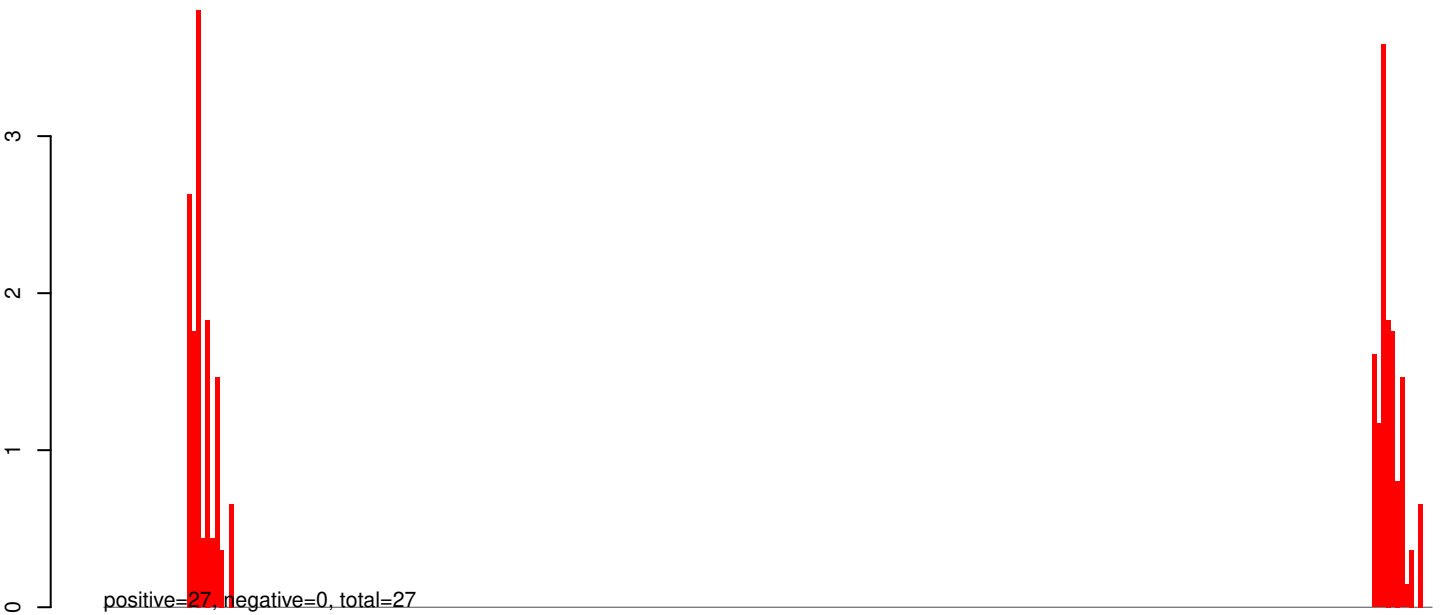
Window size=25, length=3683, TE@Transib1\_AA:1-3683



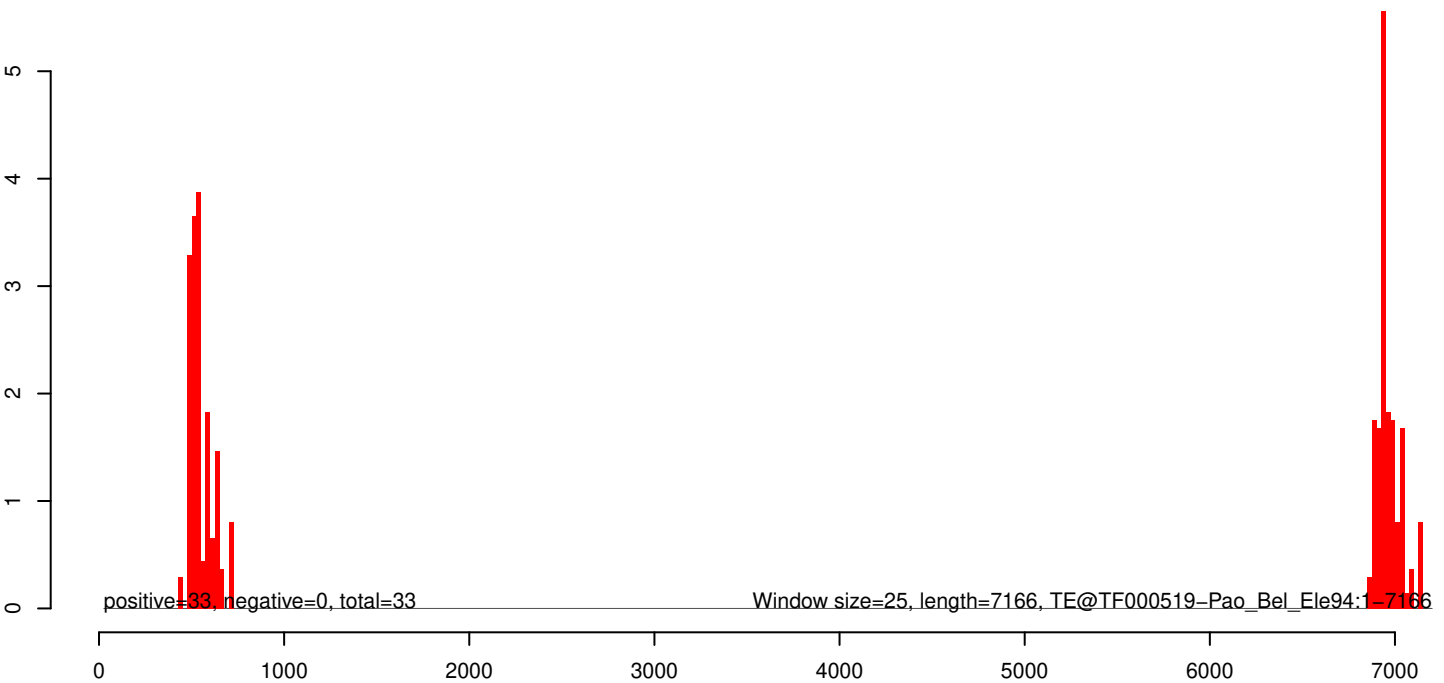
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



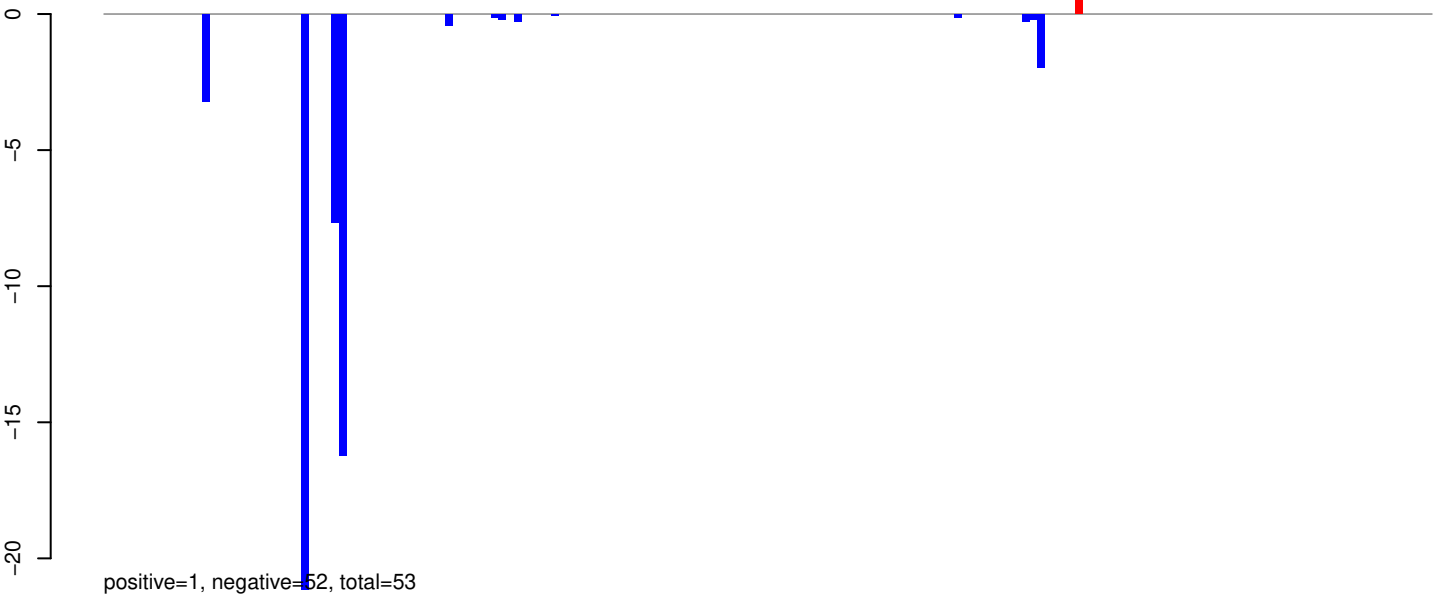
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



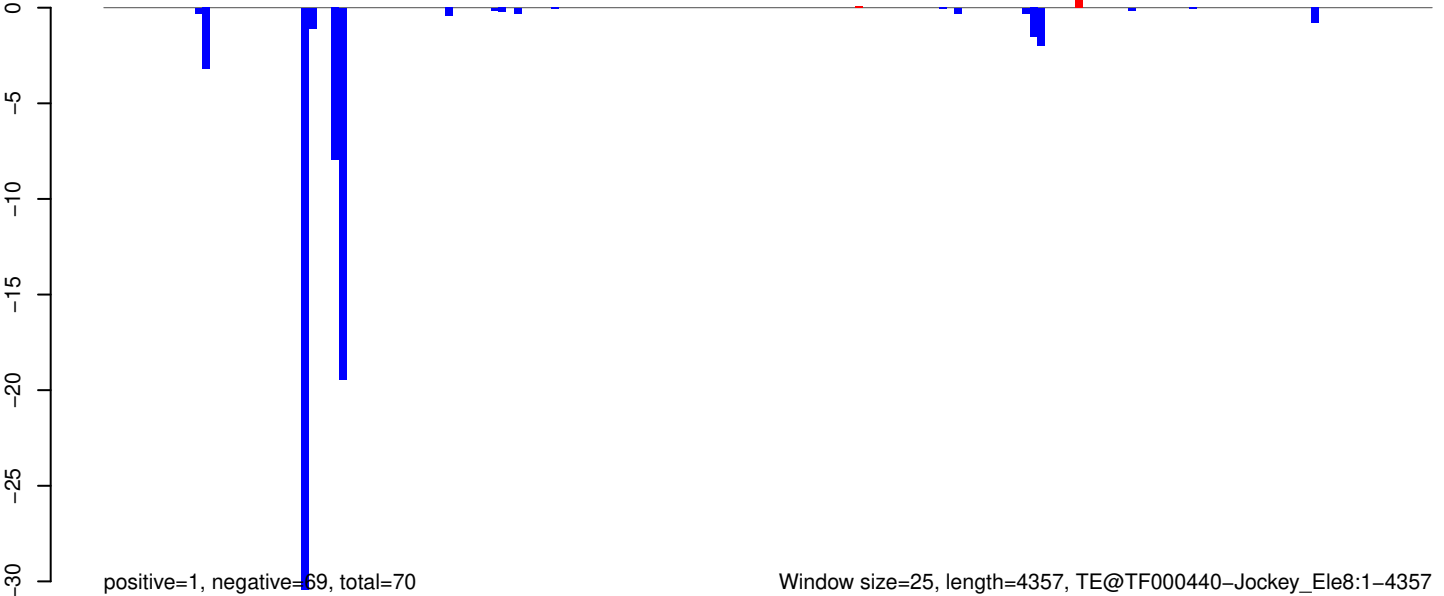
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

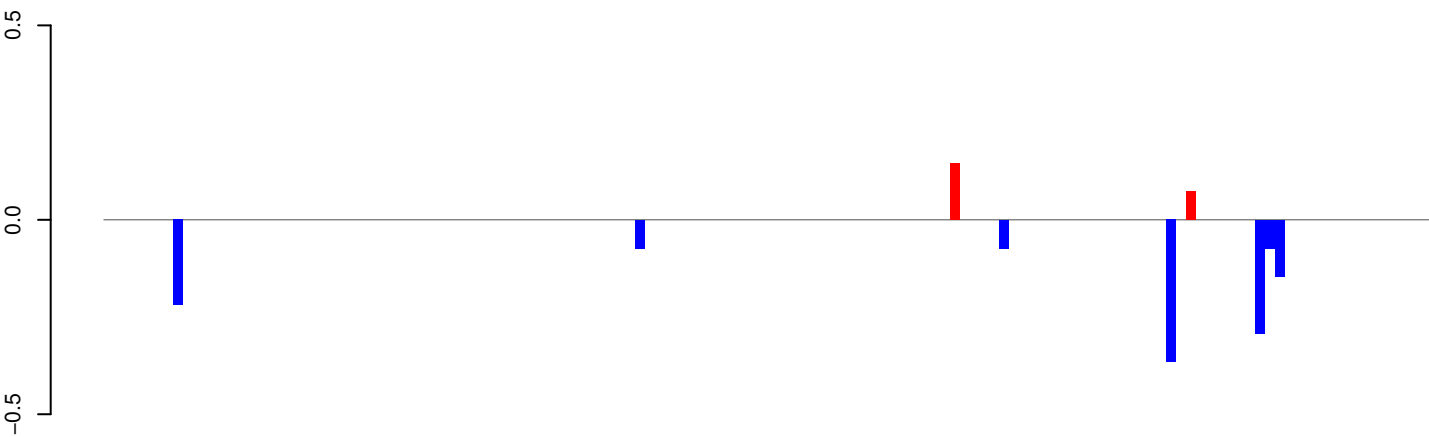


Window size=25, length=4357, TE@TF000440-Jockey\_Ele8:1-4357

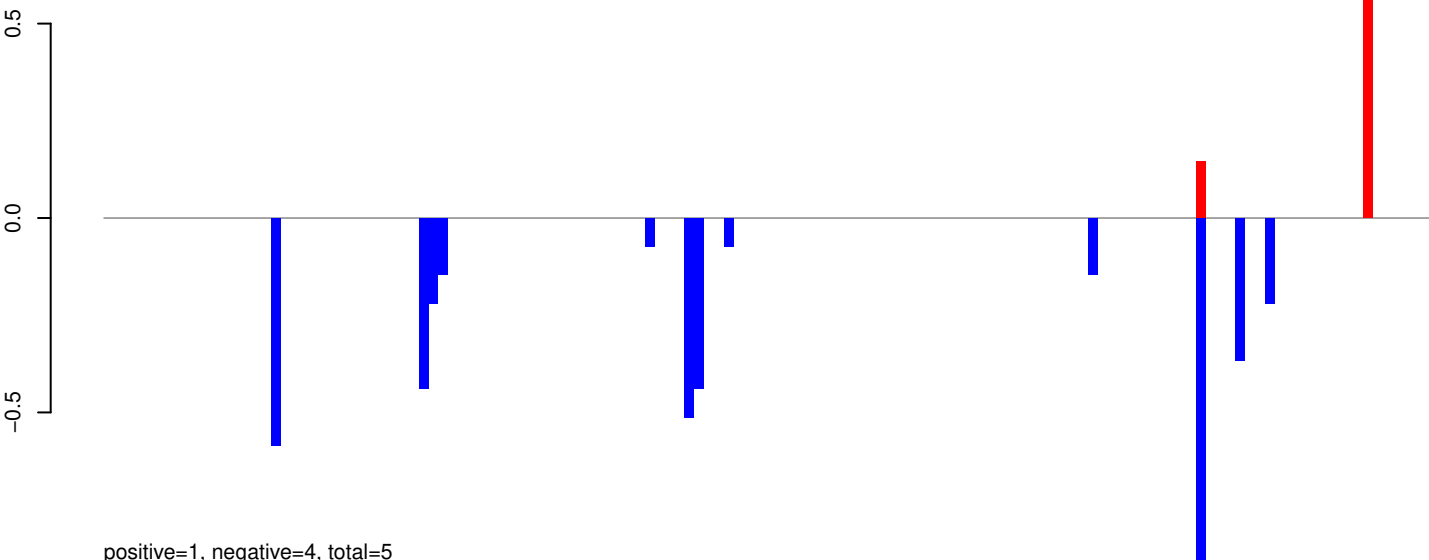
0 1000 2000 3000 4000



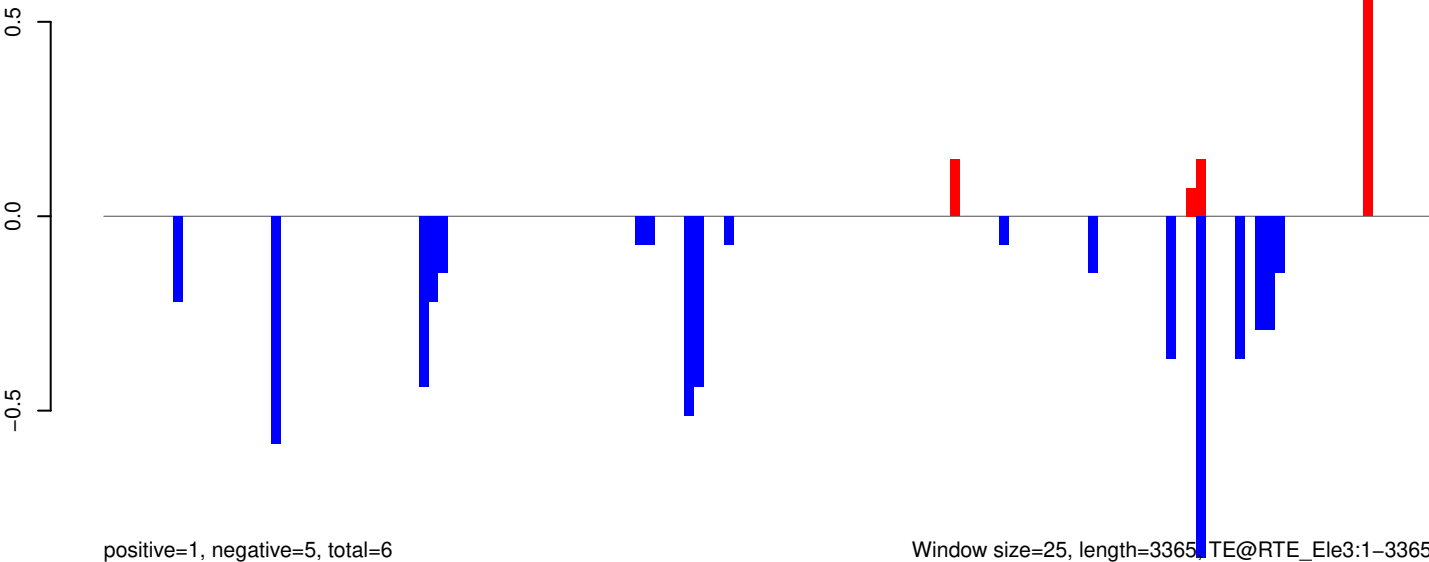
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

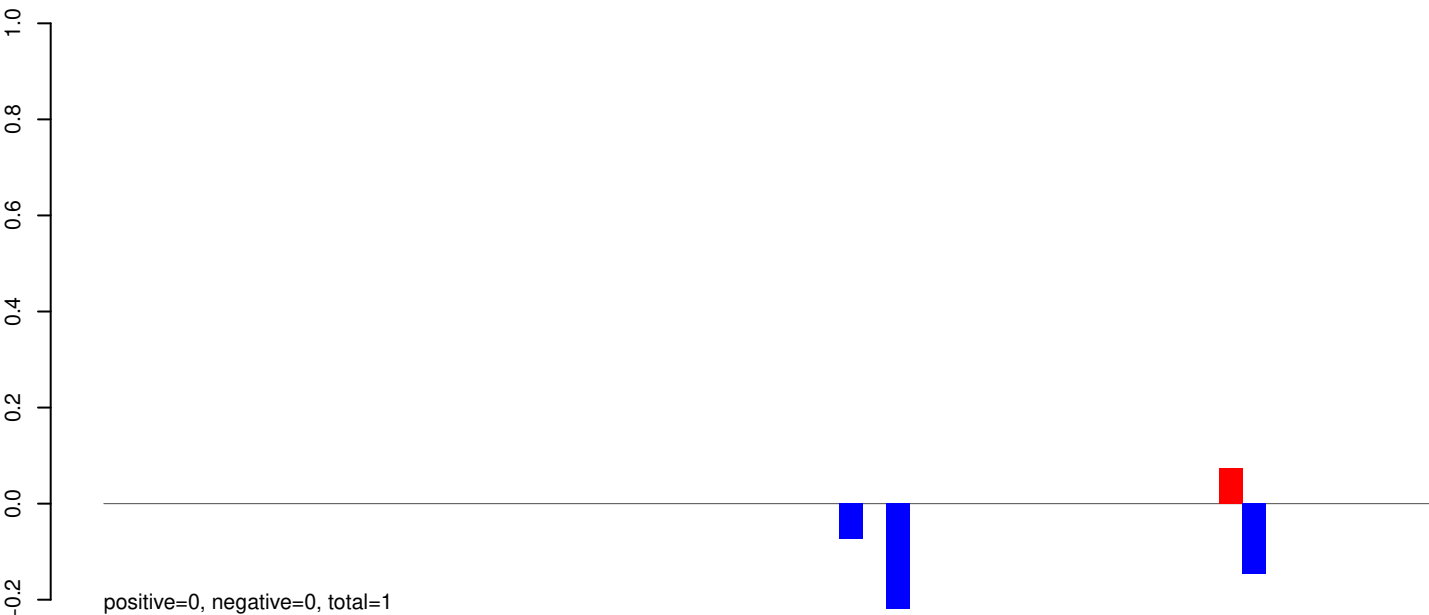


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

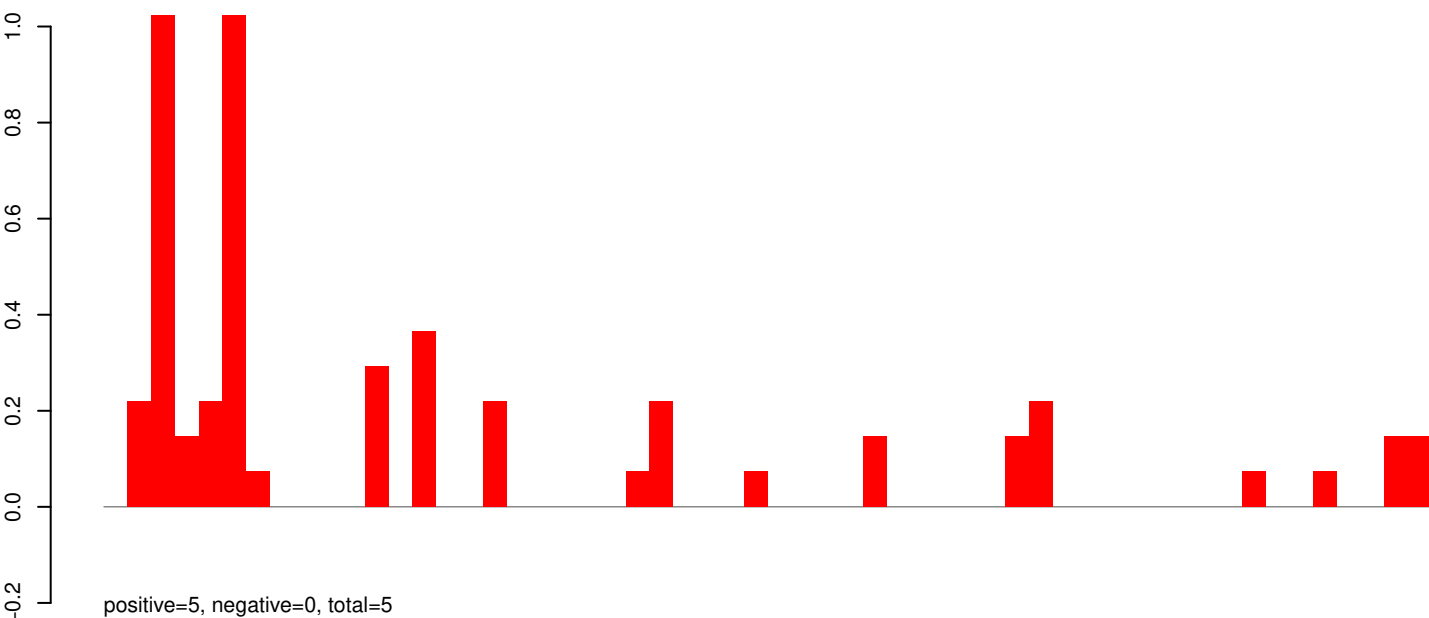


Window size=25, length=3365, TE@RTE\_Ele3:1-3365

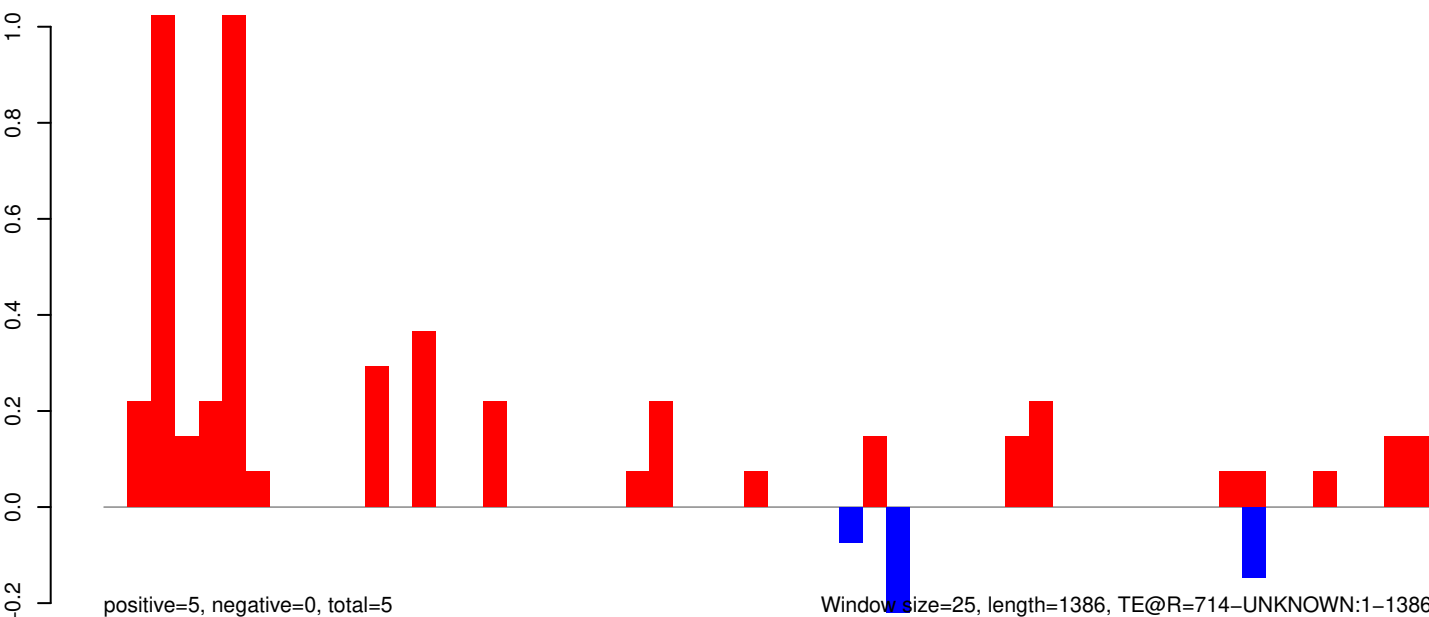
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



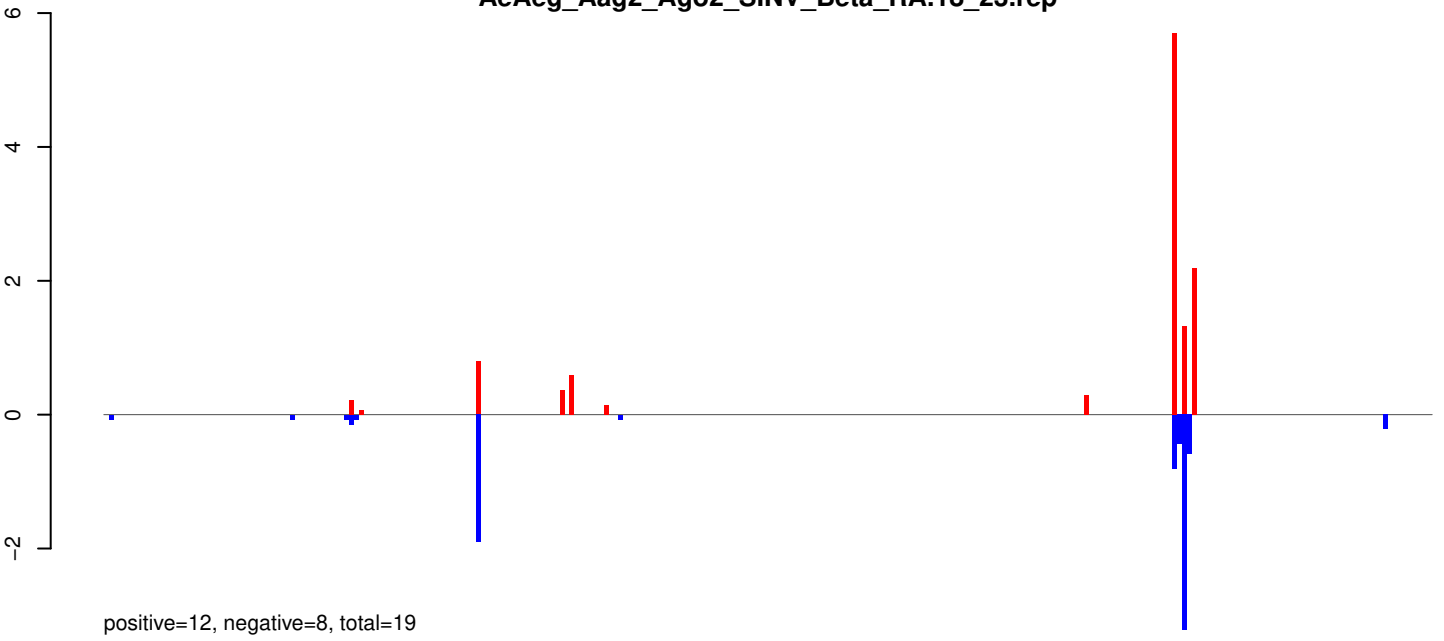
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



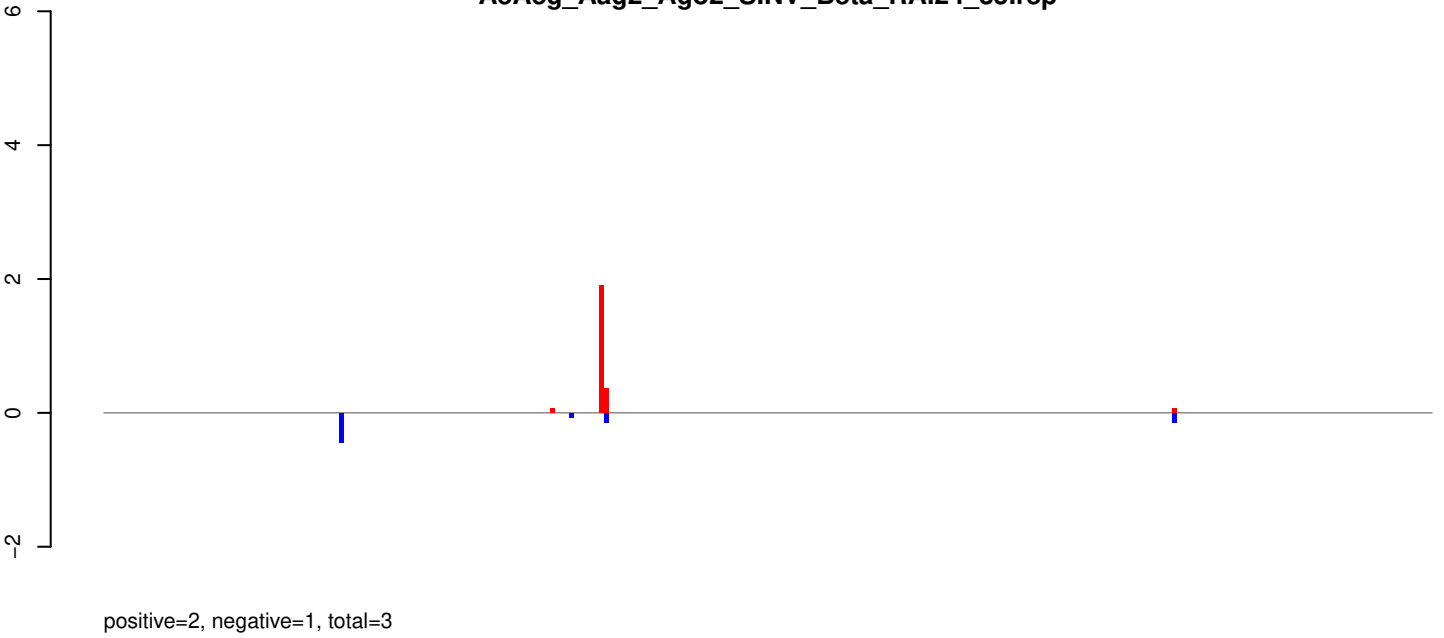
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



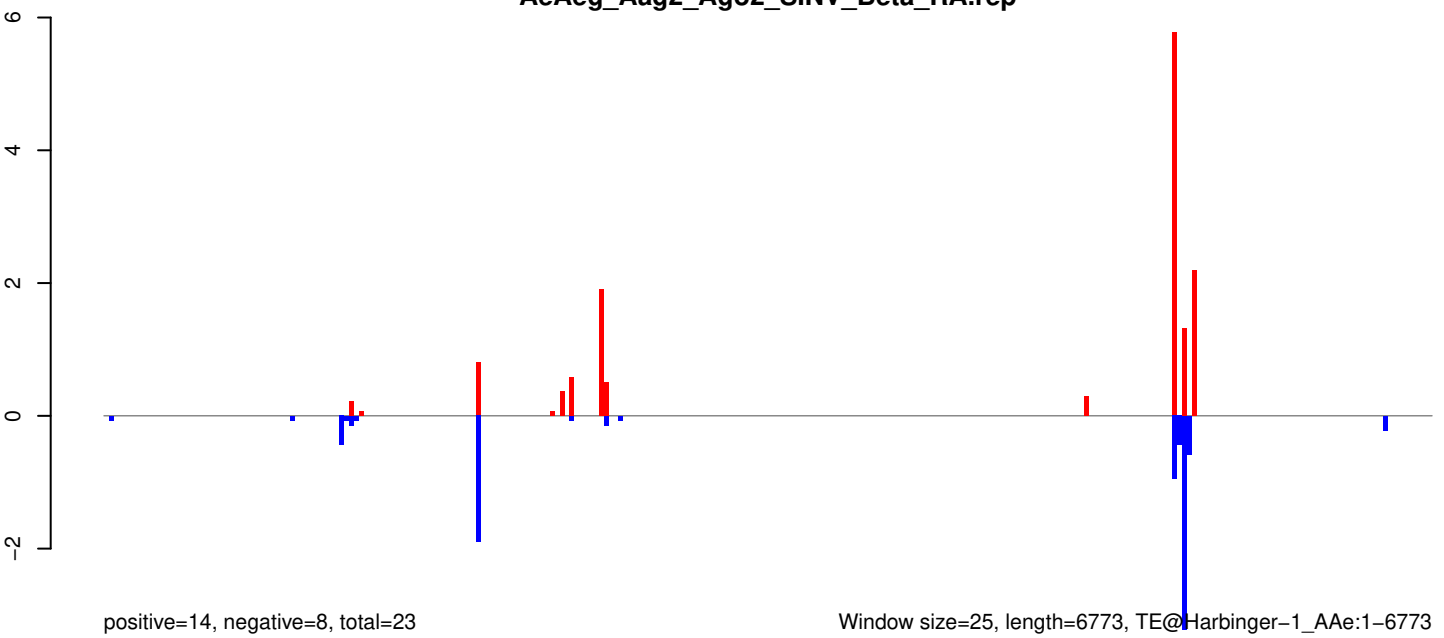
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



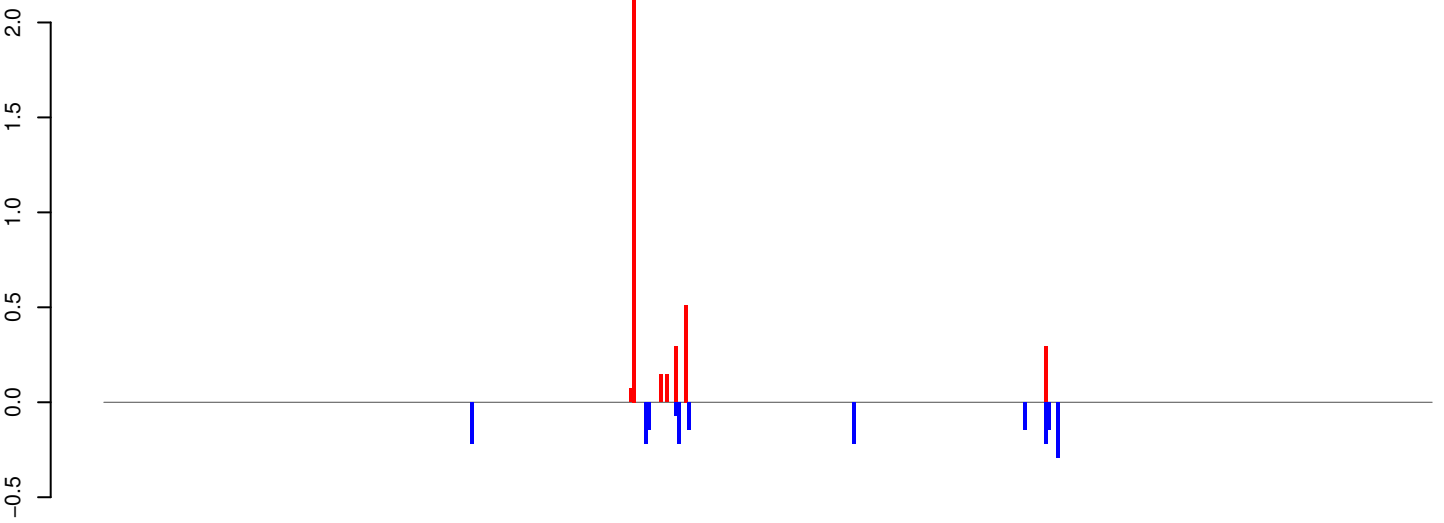
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=6773, TE@Harbinger-1\_AAe:1-6773

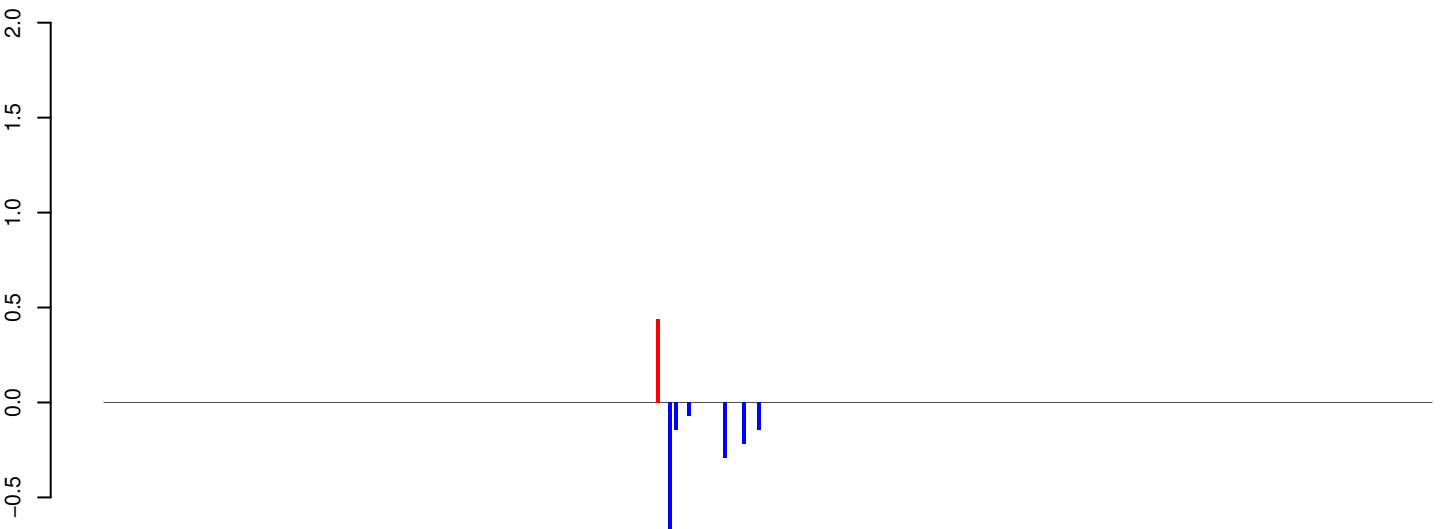
0 1000 2000 3000 4000 5000 6000 7000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



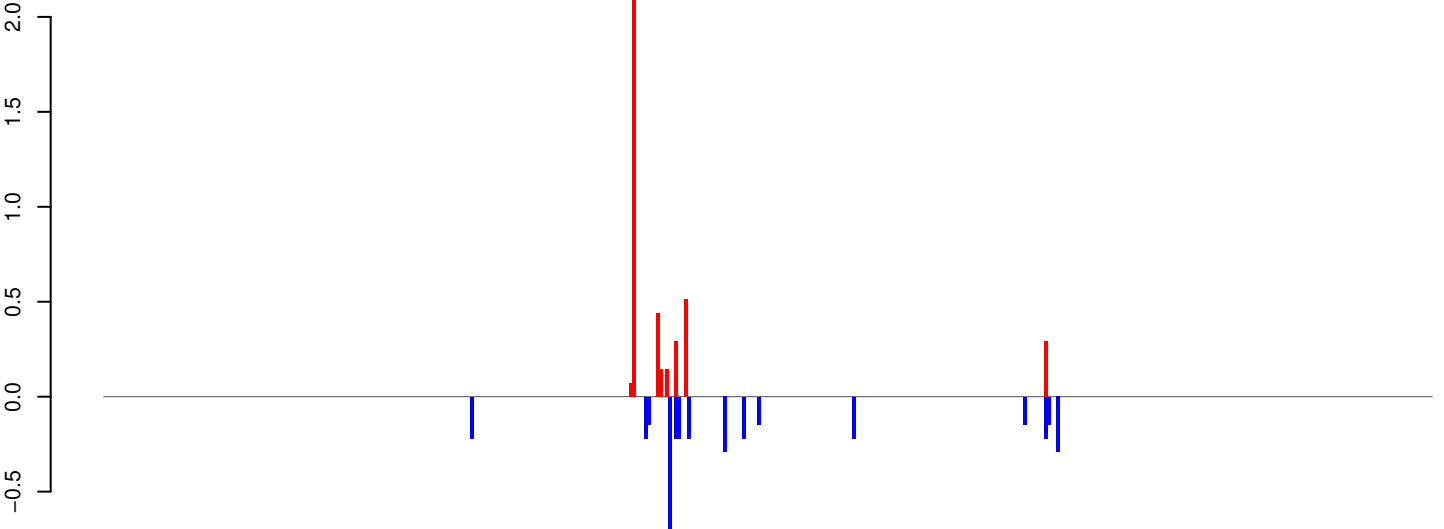
positive=4, negative=2, total=6

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



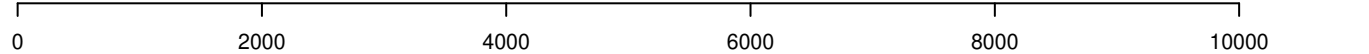
positive=0, negative=2, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

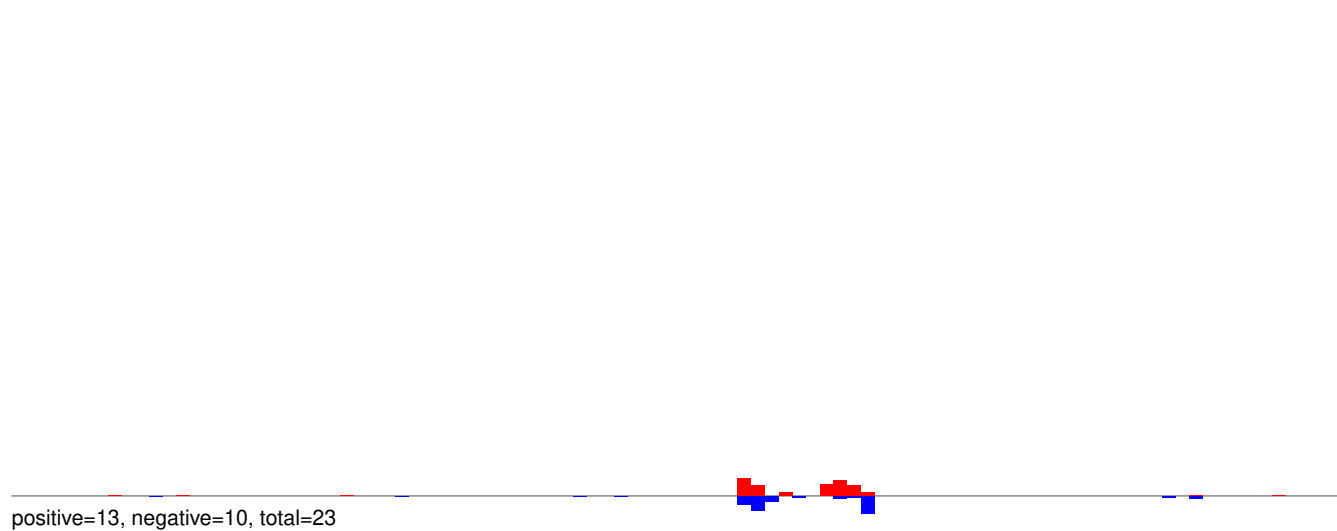


positive=4, negative=4, total=8

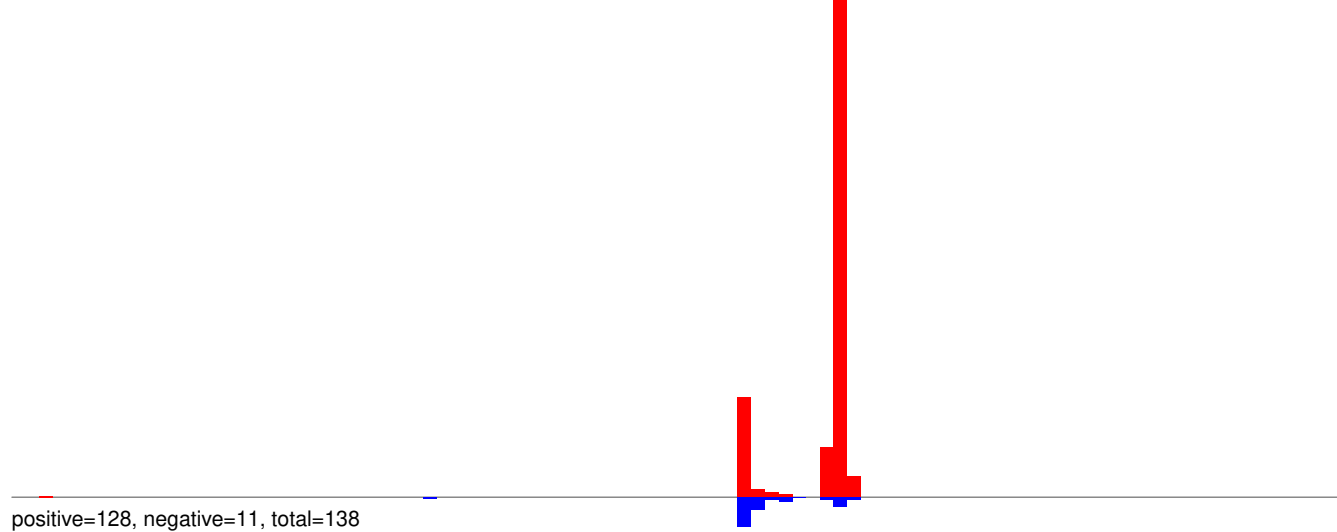
Window size=25, length=10870, TE@EnSpm-1\_AA:1-10870



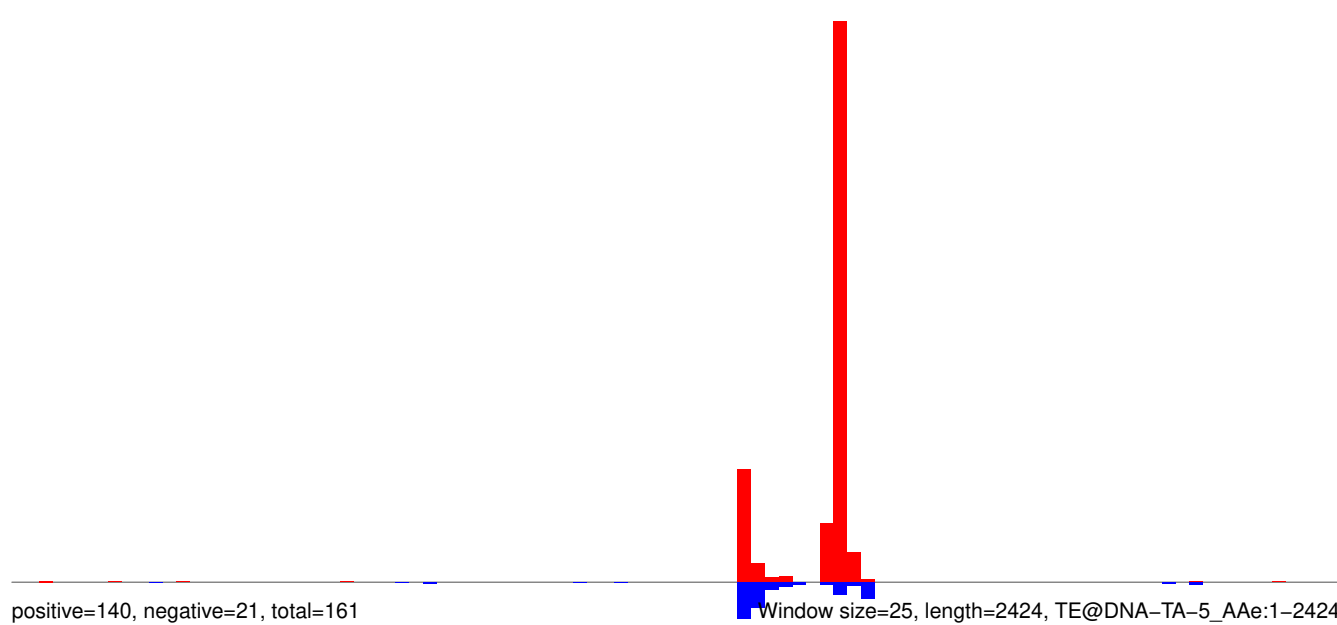
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



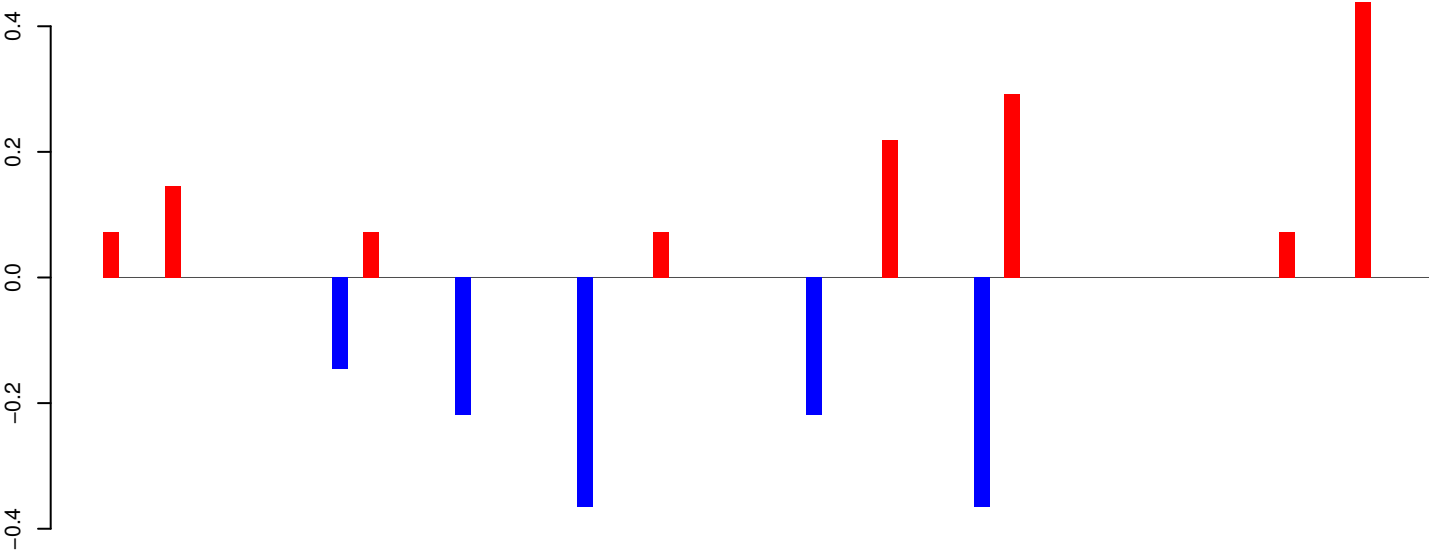
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

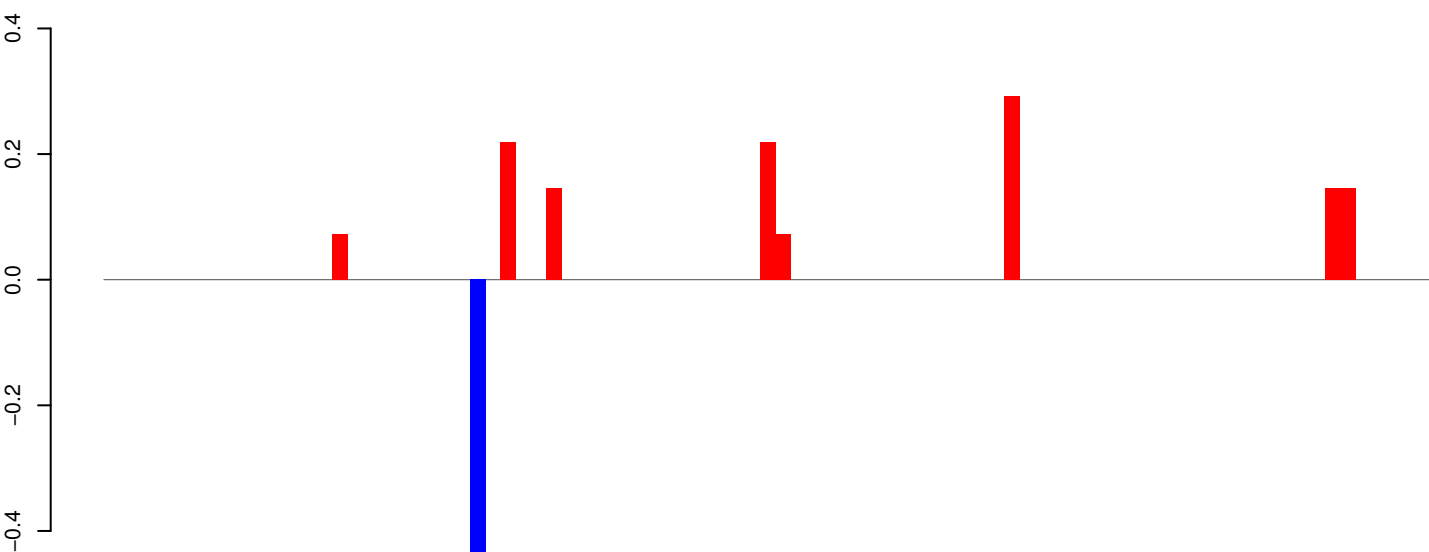


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



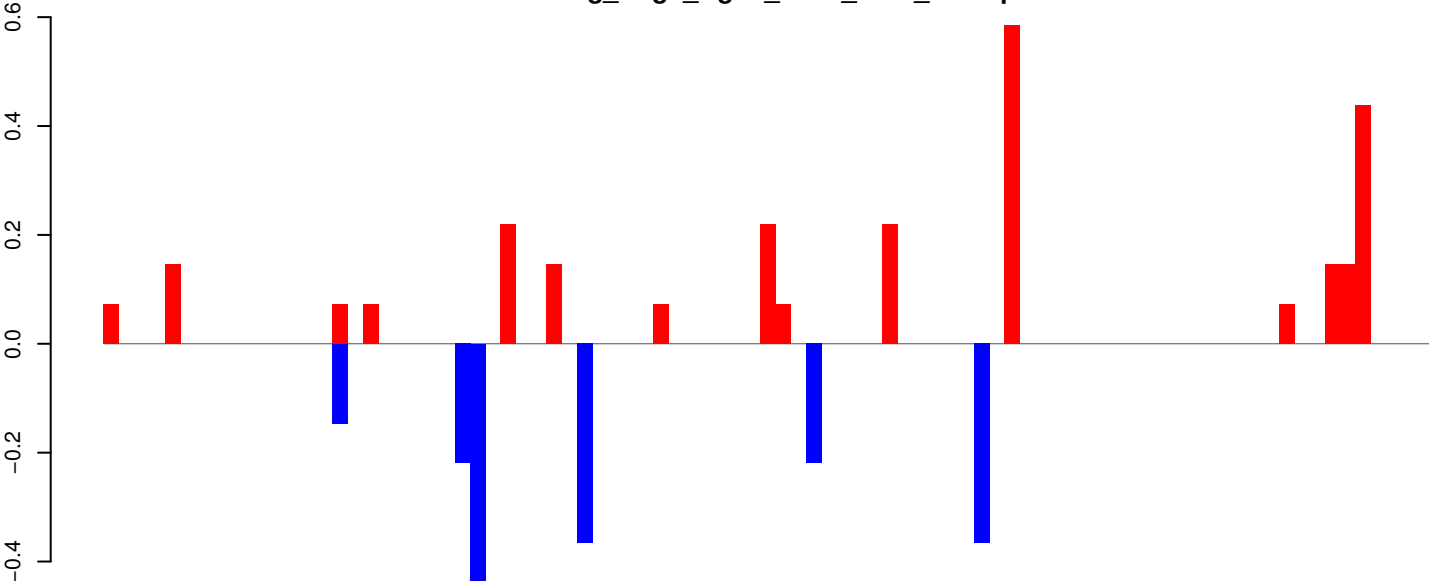
positive=1, negative=1, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=1, total=2

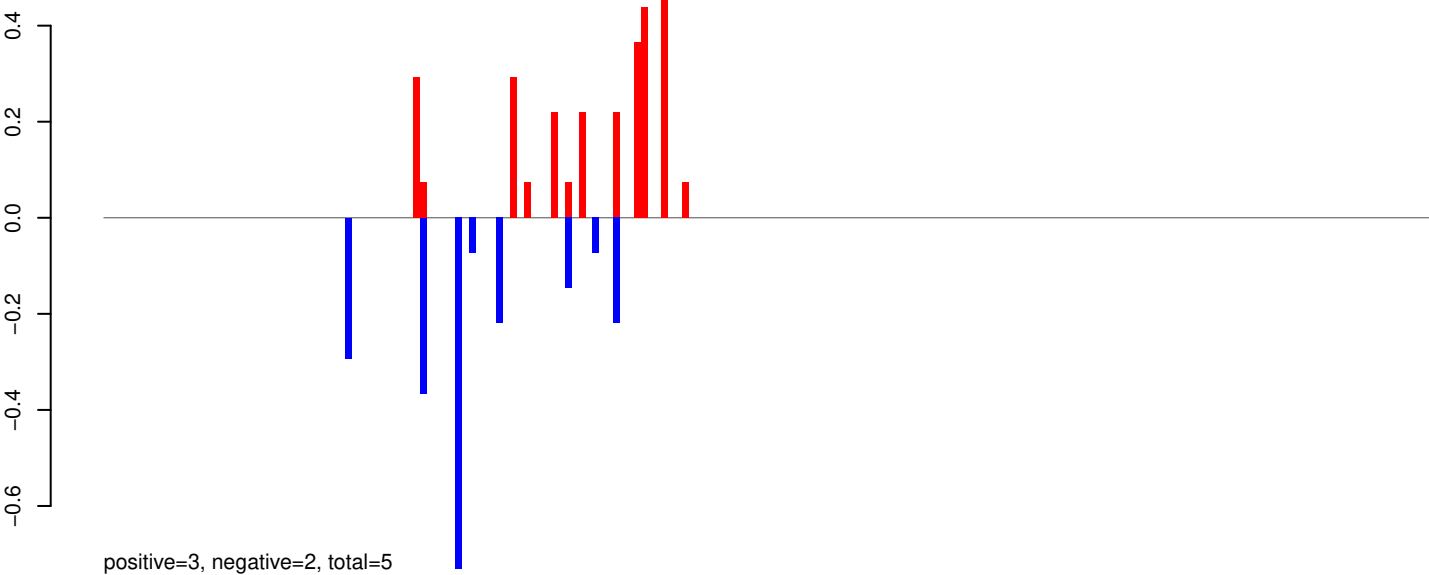
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



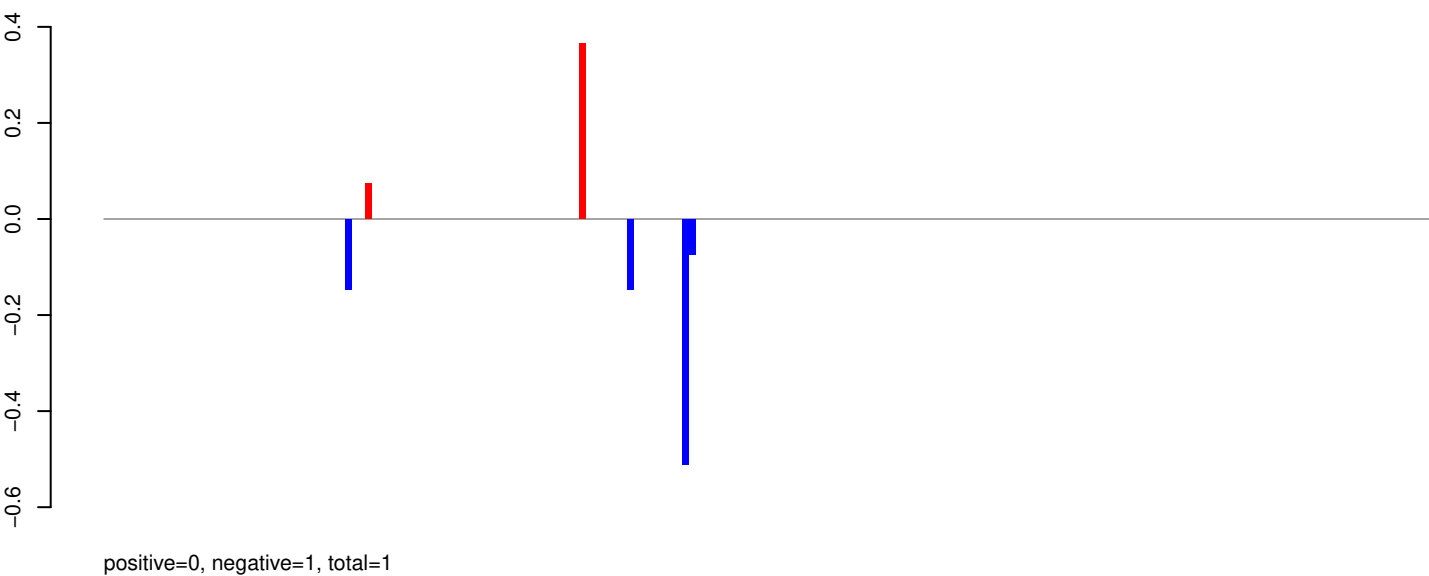
positive=3, negative=2, total=5

Window size=25, length=2170, TE@TF001317-otherMITEs\_Ele30:1-2170

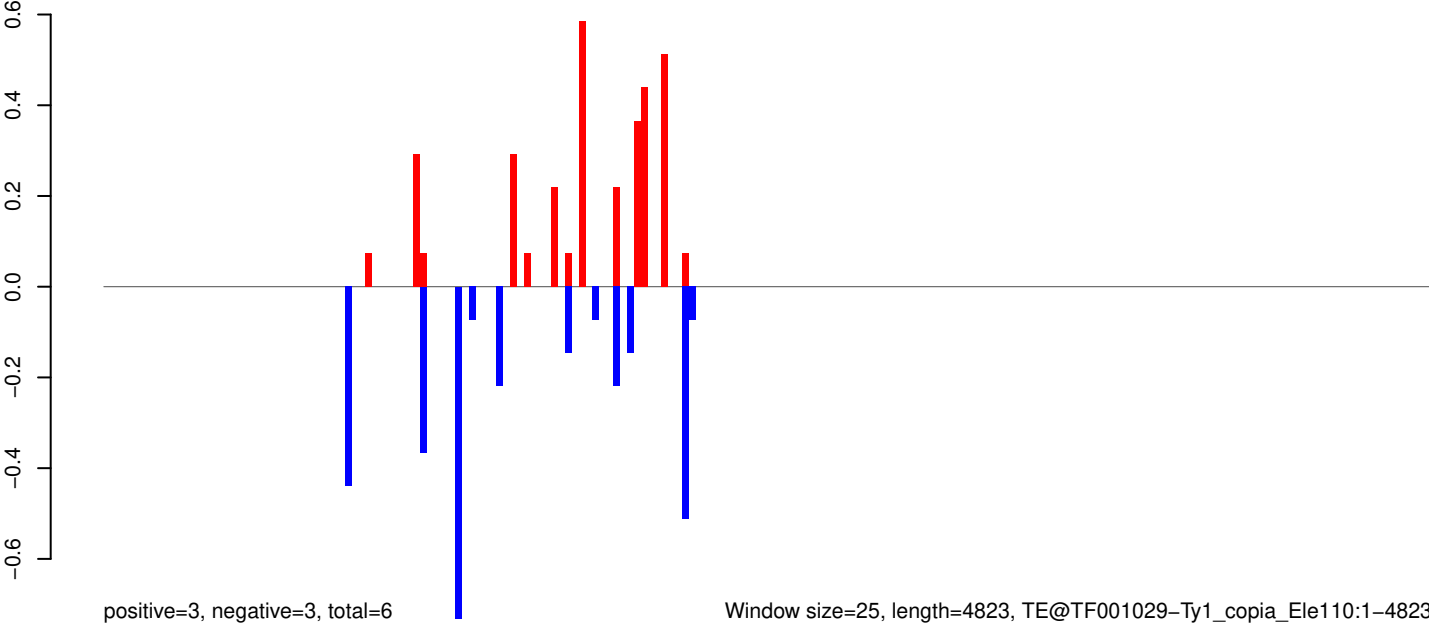
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



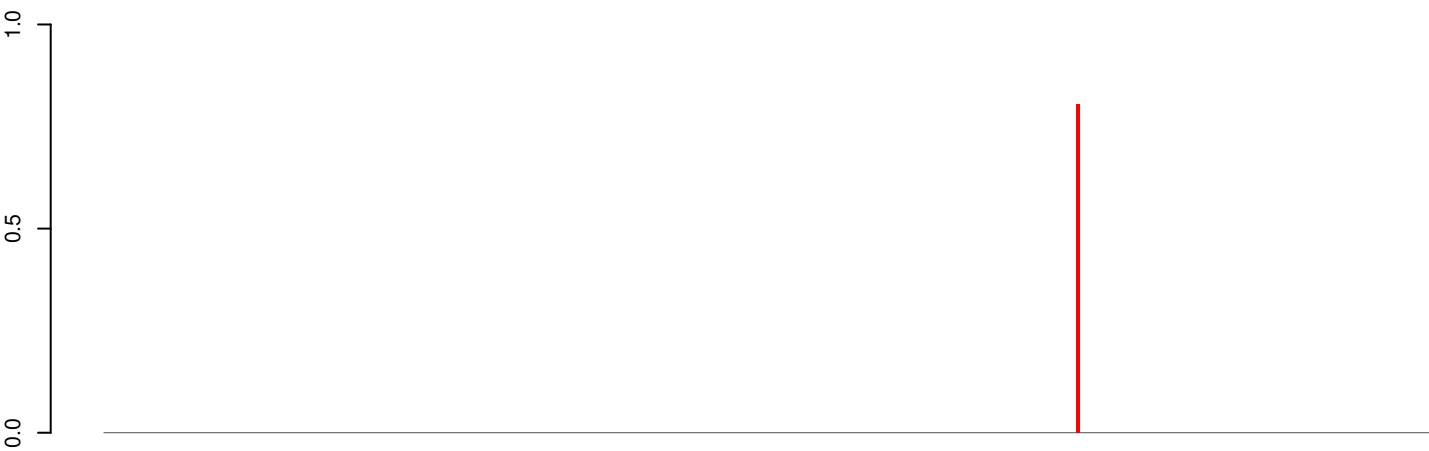
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

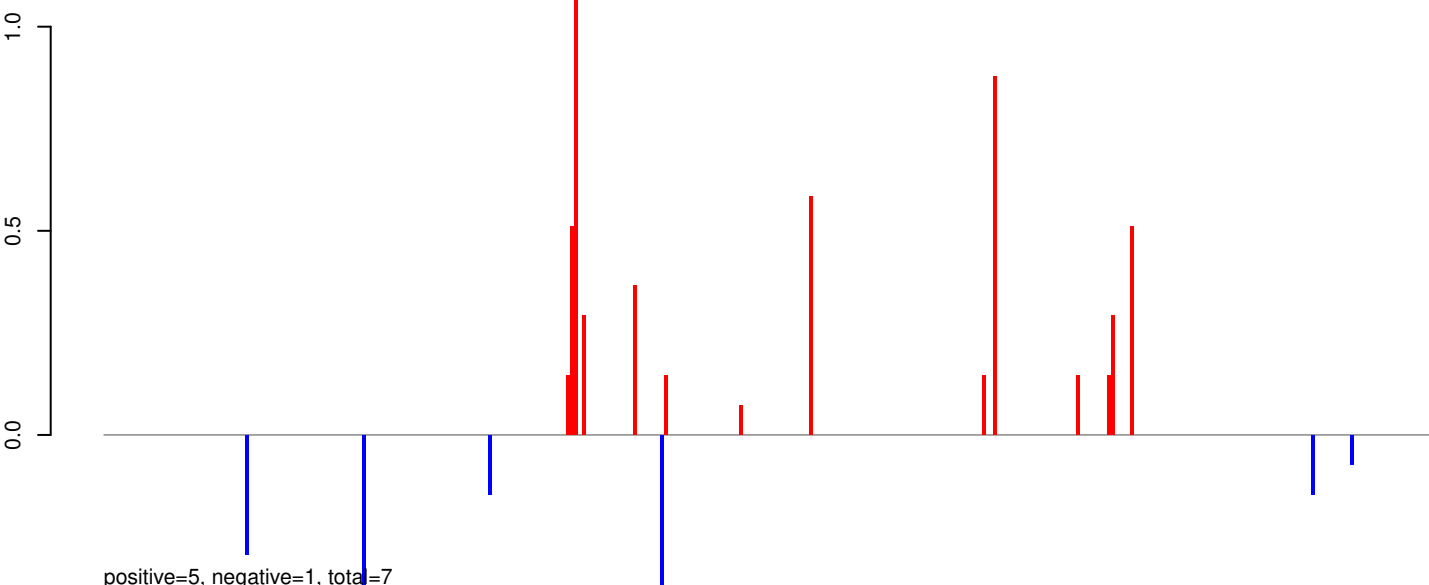


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



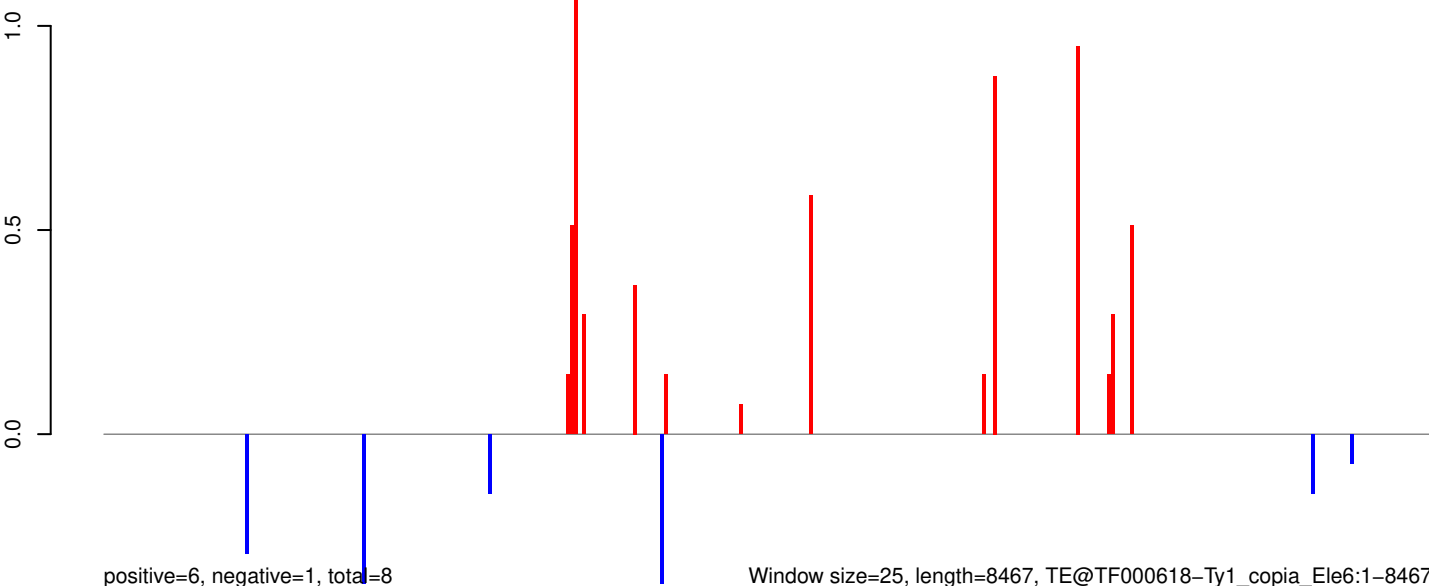
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=5, negative=1, total=7

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



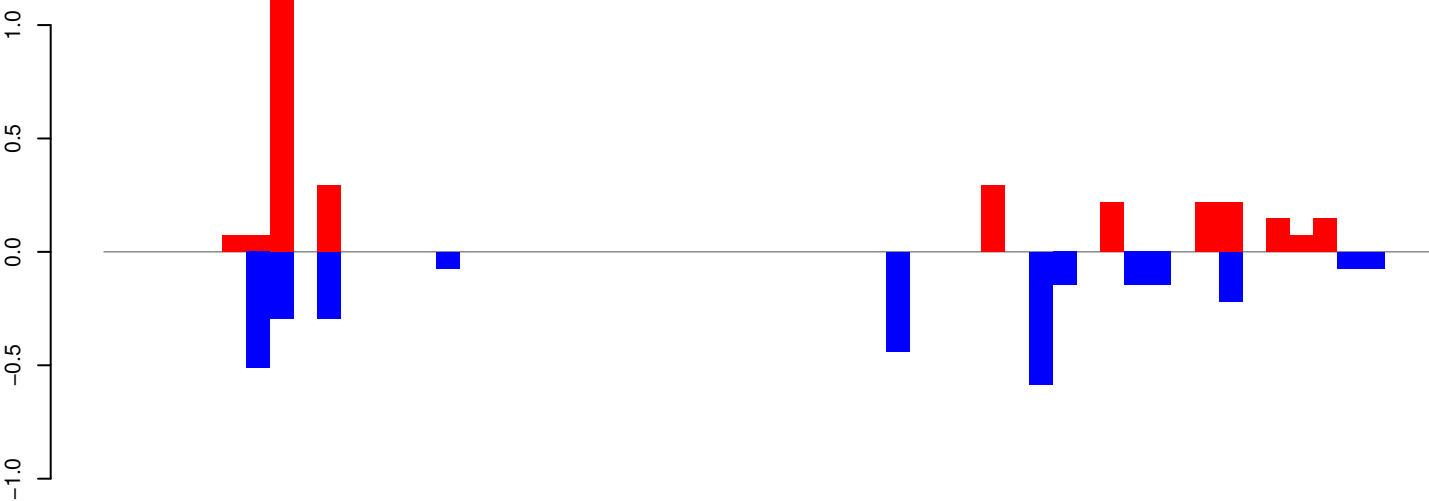
positive=6, negative=1, total=8

Window size=25, length=8467, TE@TF000618-Ty1\_copia\_Ele6:1-8467

0 2000 4000 6000 8000

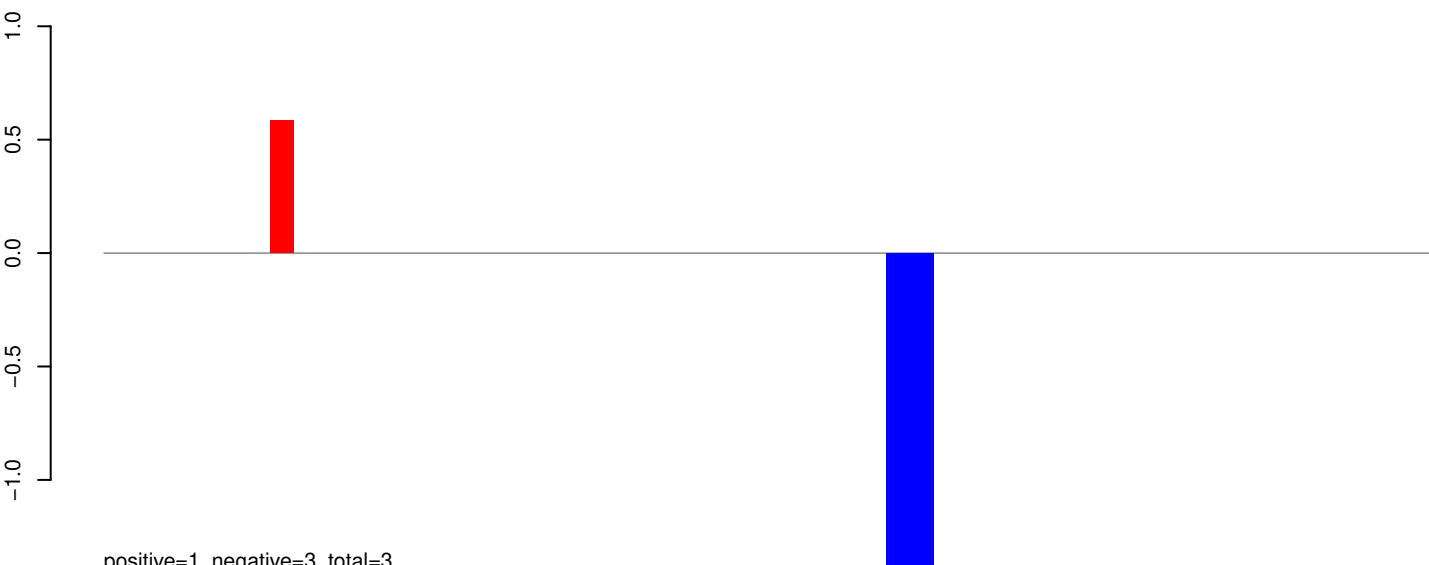


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



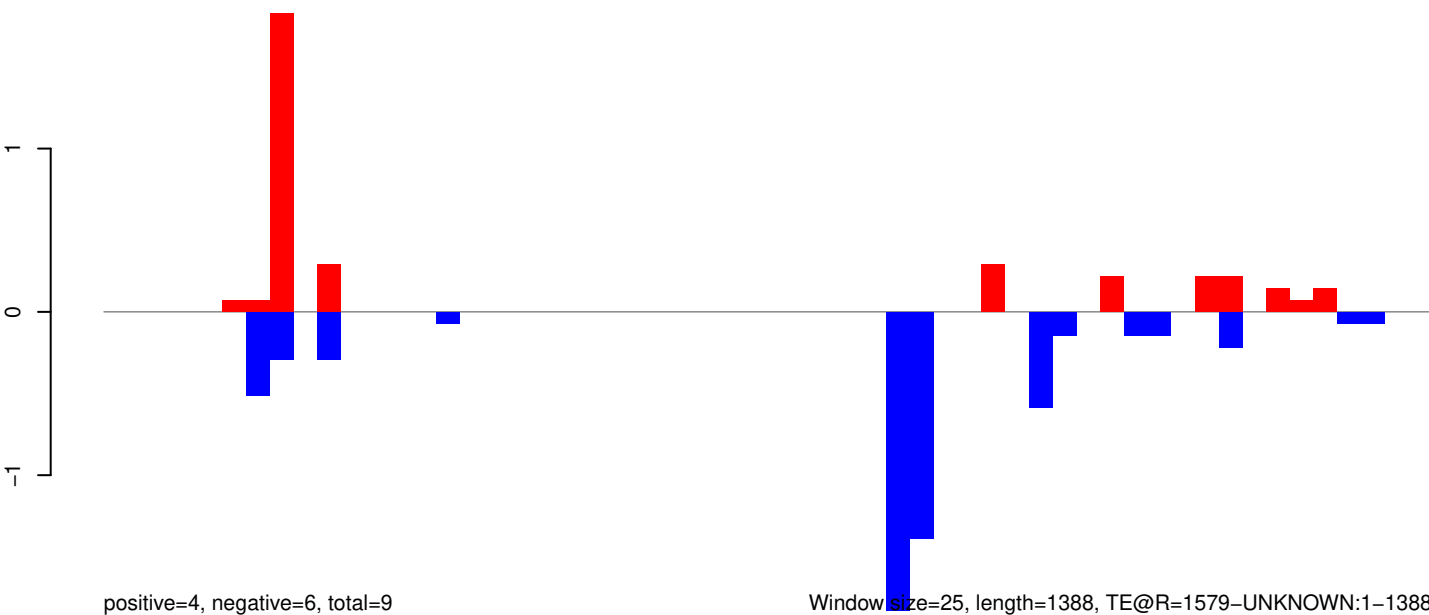
positive=3, negative=3, total=6

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=3, total=3

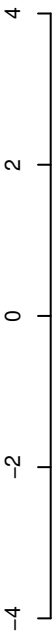
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



positive=4, negative=6, total=9

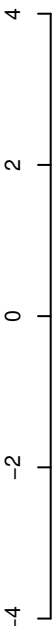
Window size=25, length=1388, TE@R=1579-UNKNOWN:1-1388

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



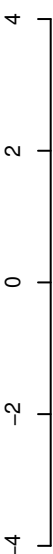
positive=2, negative=2, total=4

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



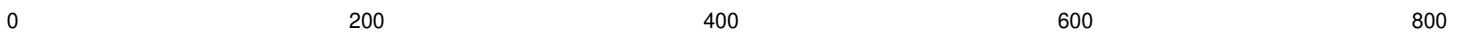
positive=14, negative=5, total=19

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

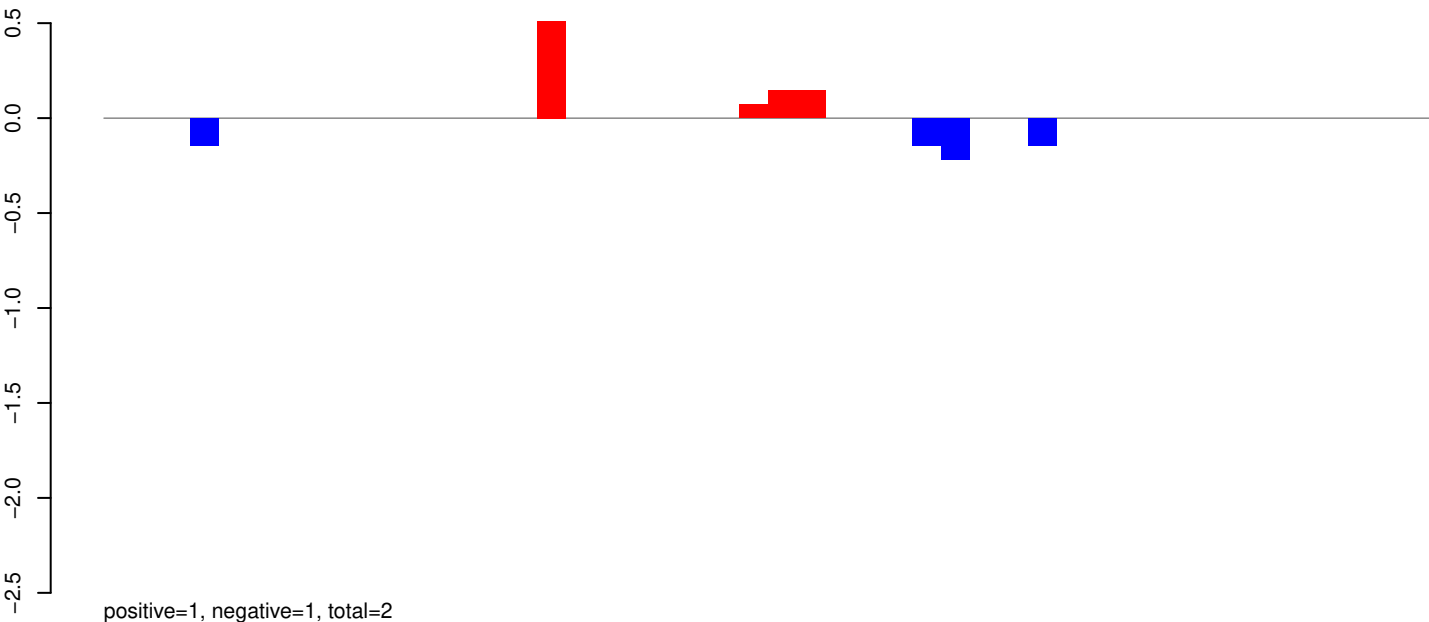


positive=16, negative=7, total=23

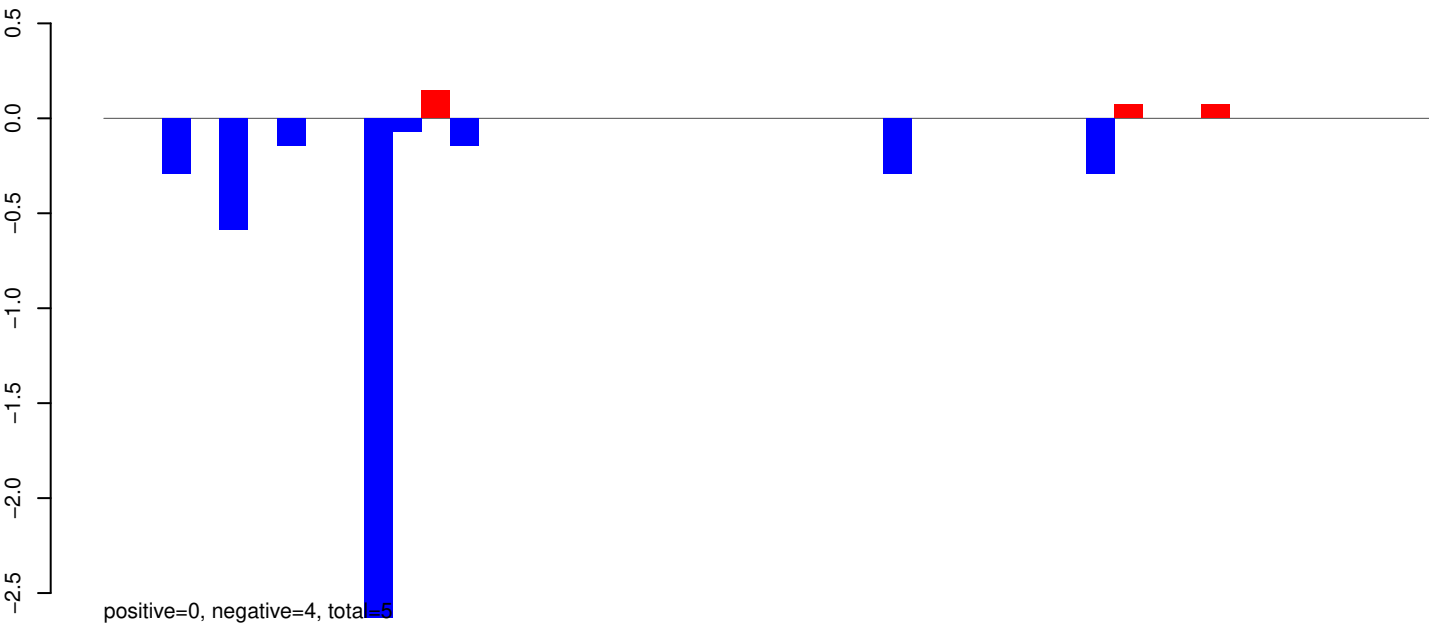
Window size=25, length=742, TE@Chapaev-N7\_A Ae:1-742



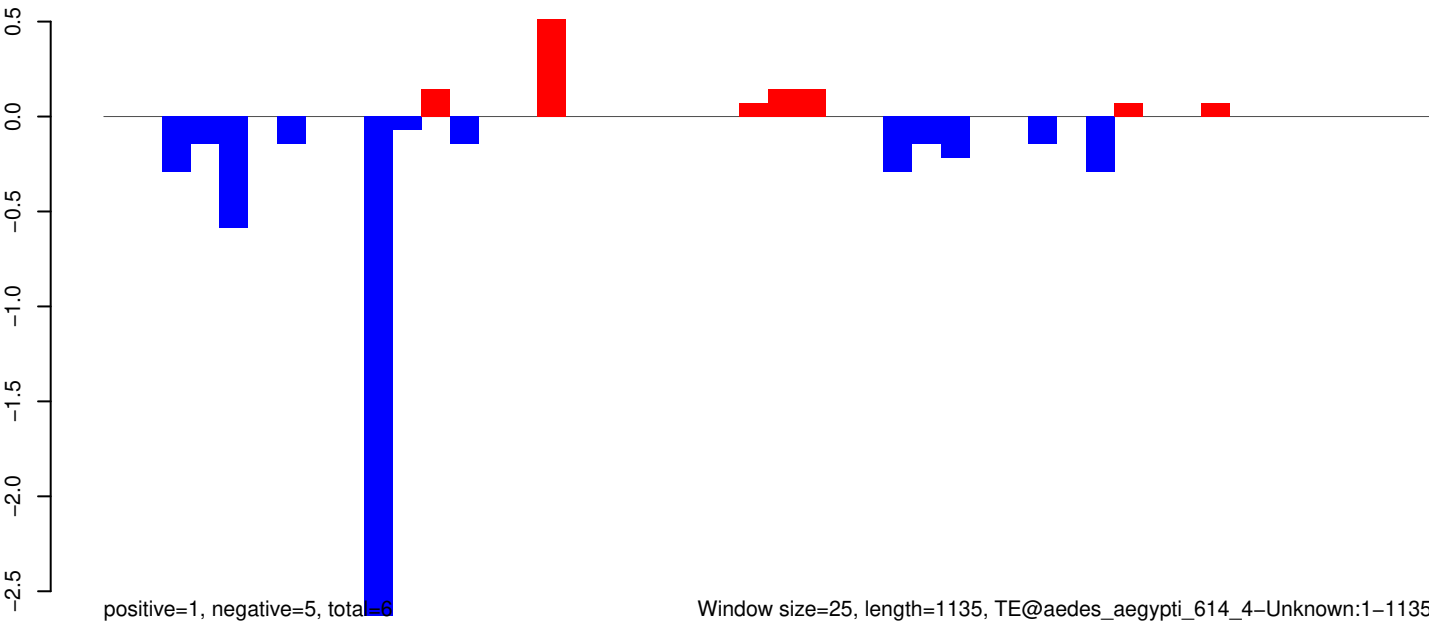
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



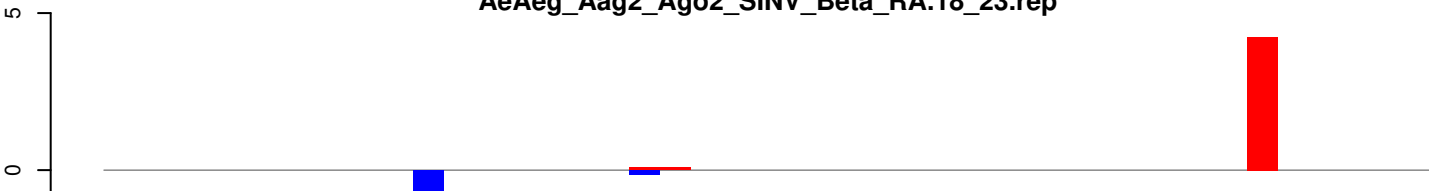
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



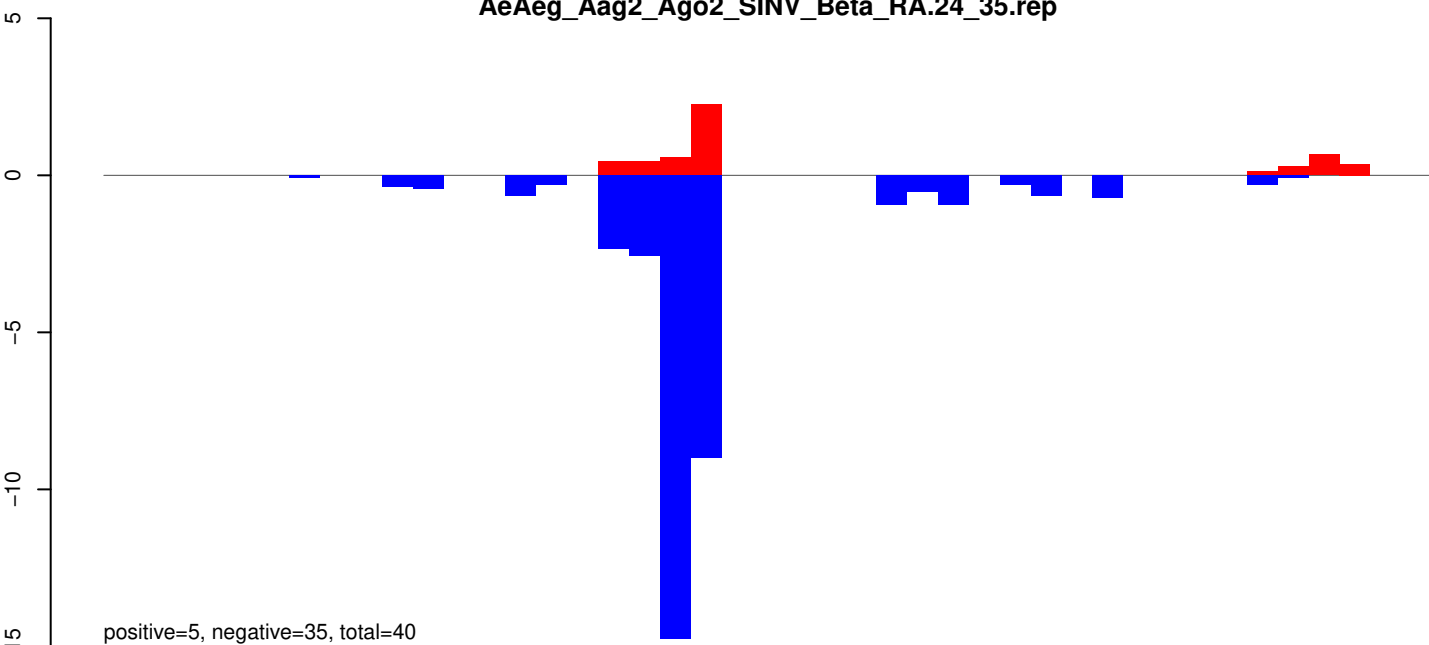
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



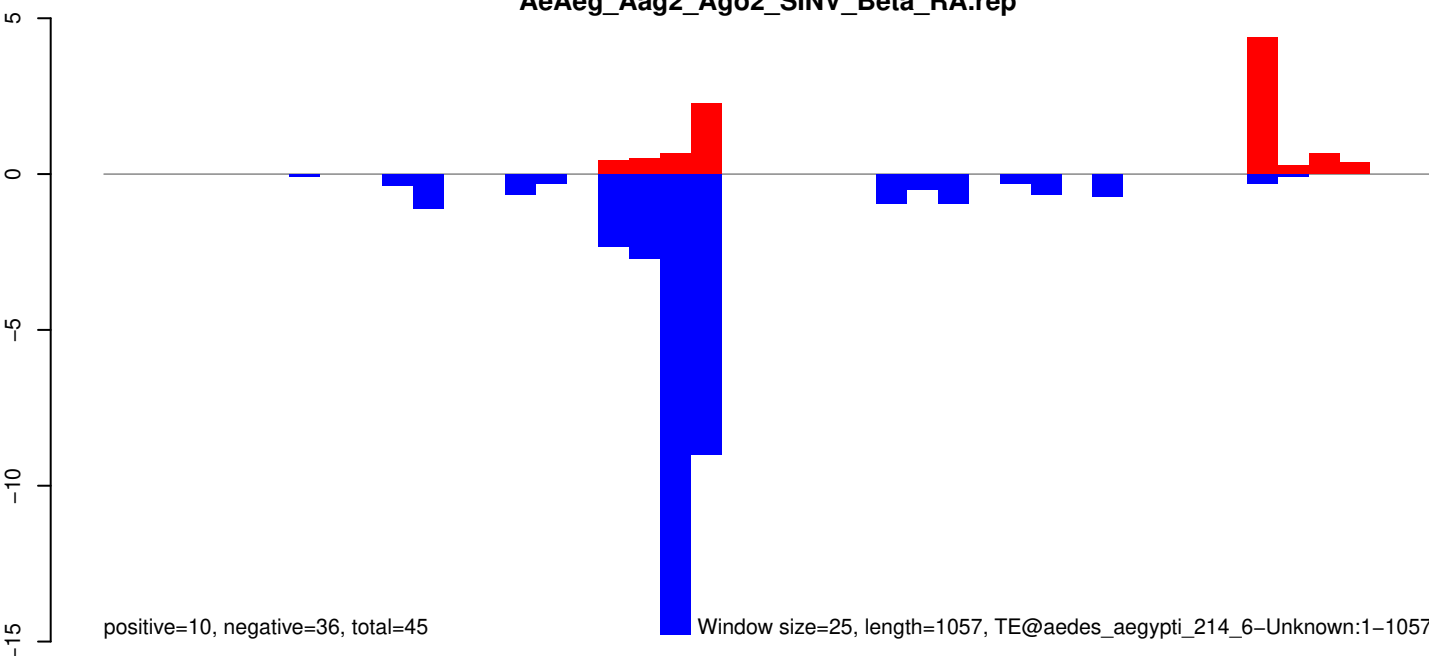
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



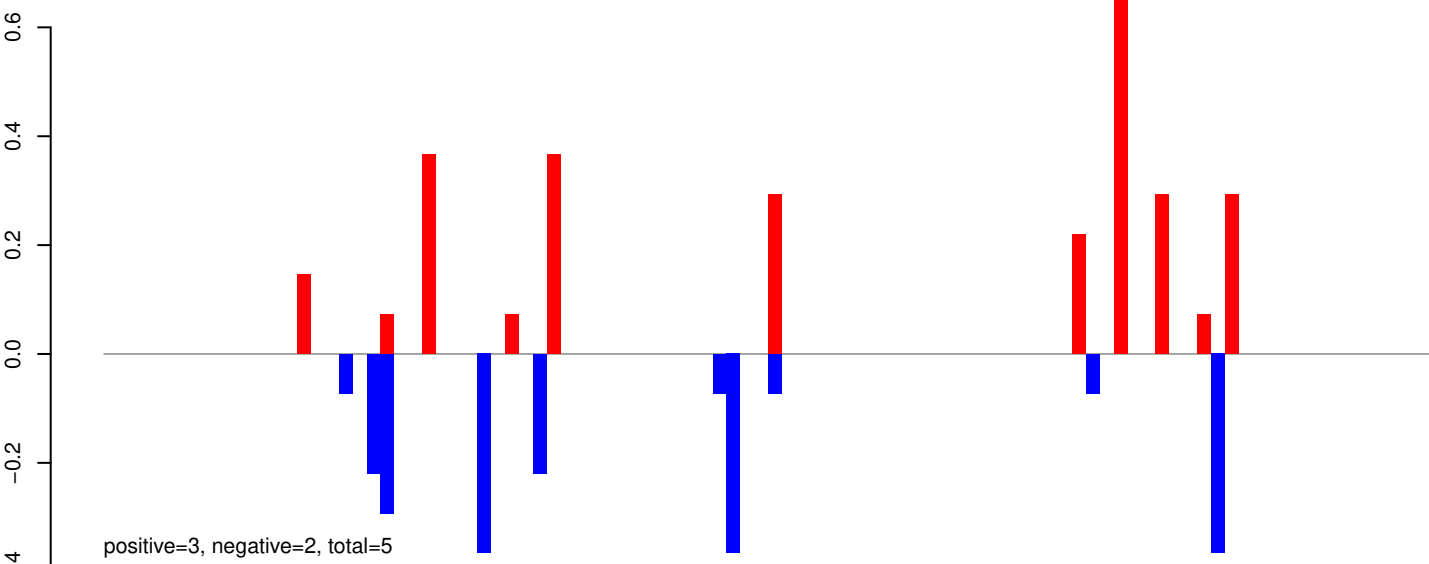
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



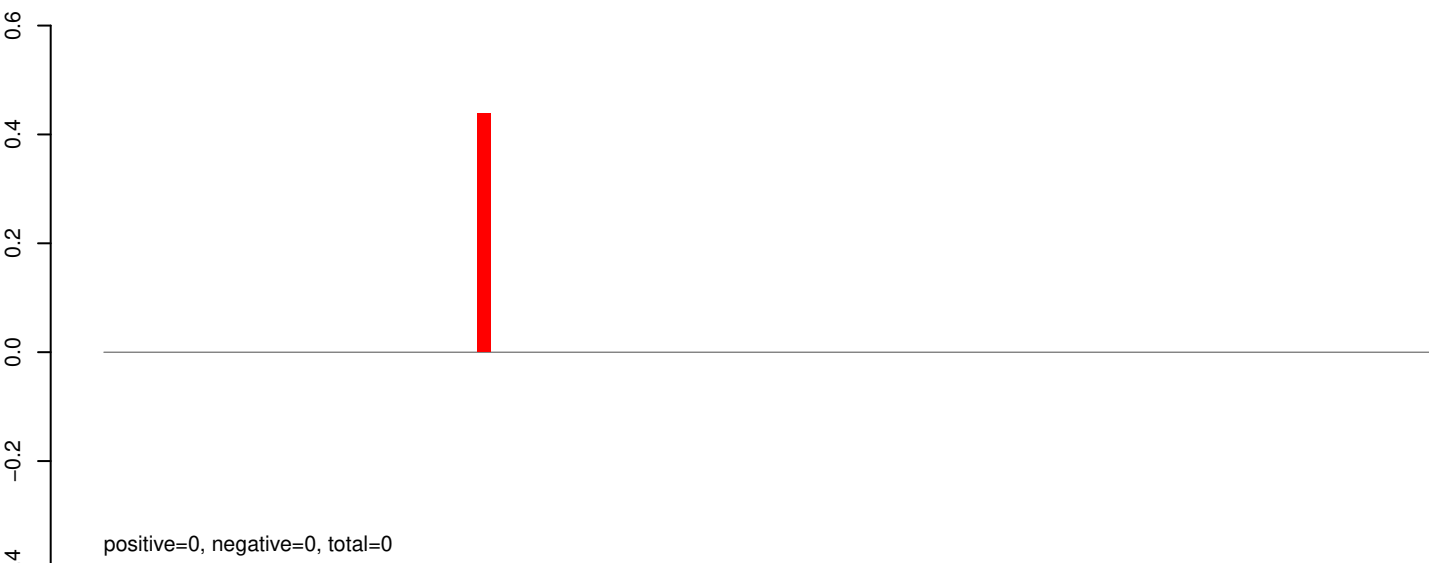
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



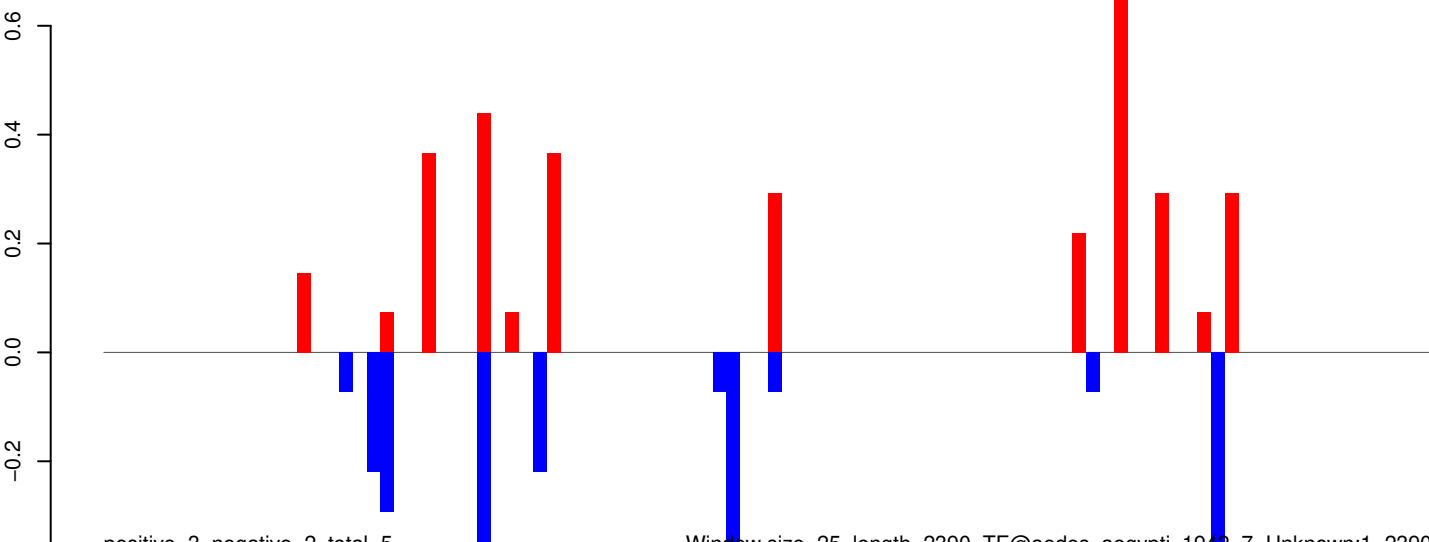
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



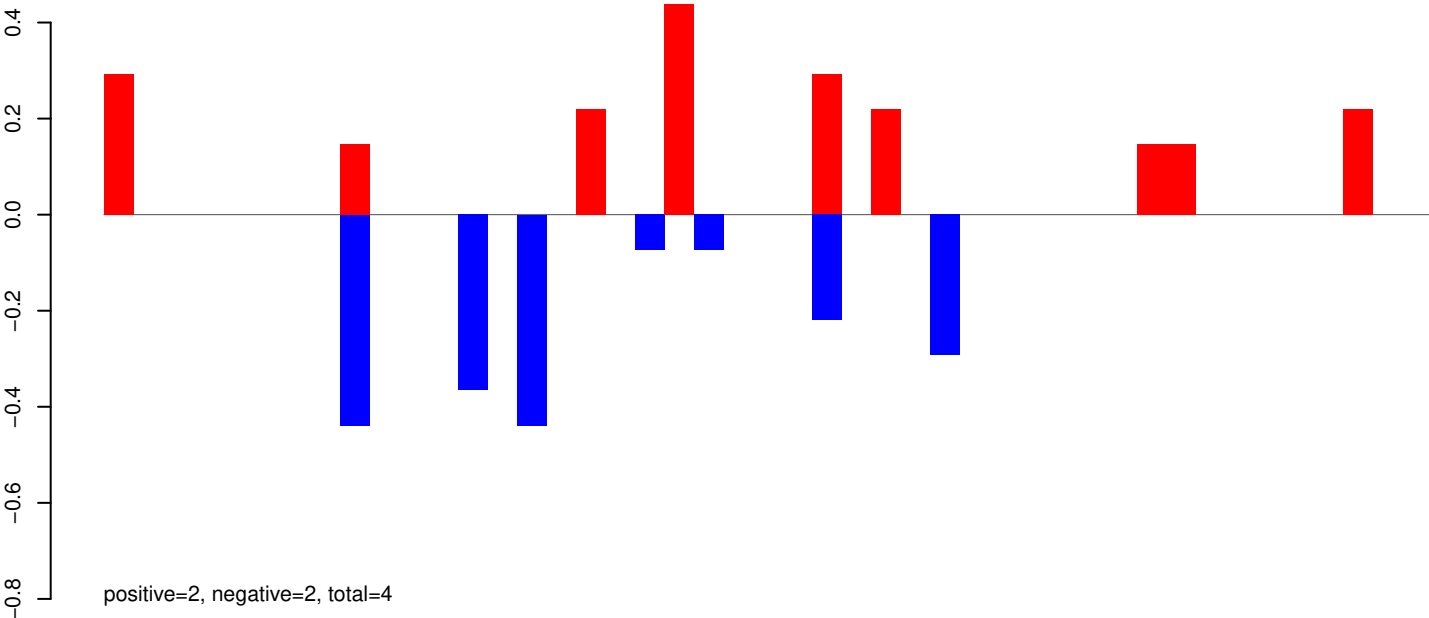
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



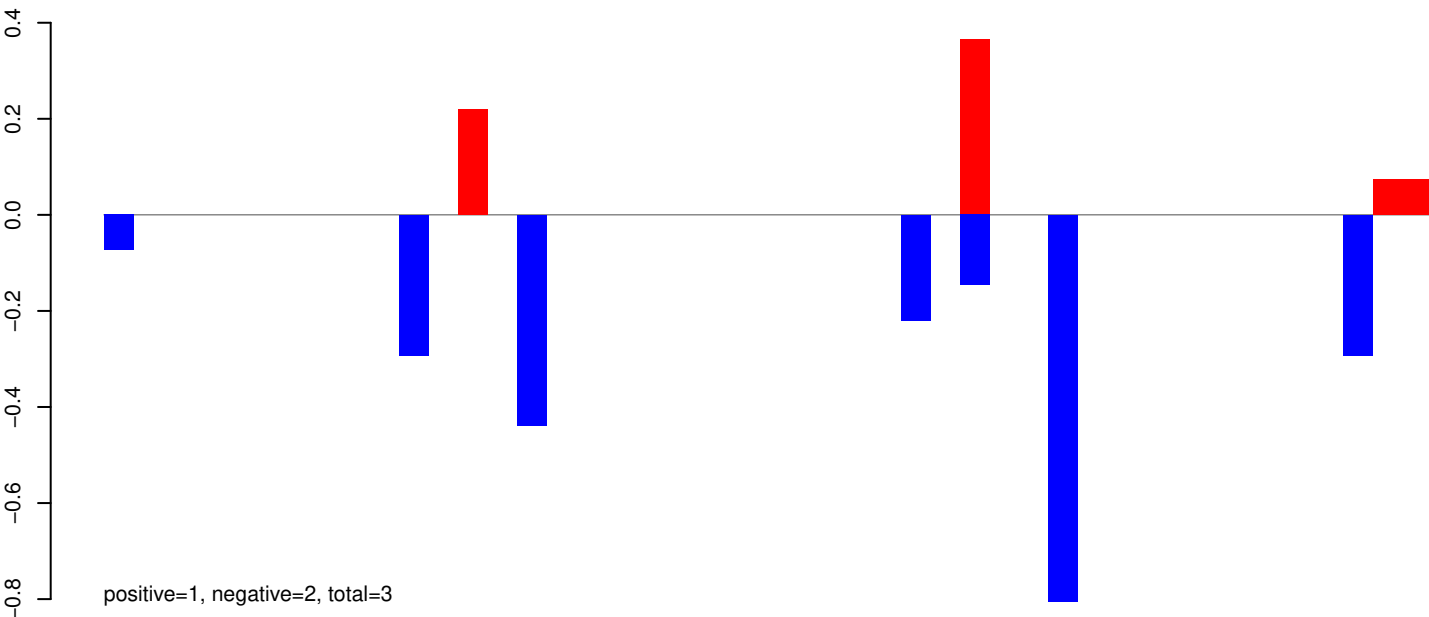
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



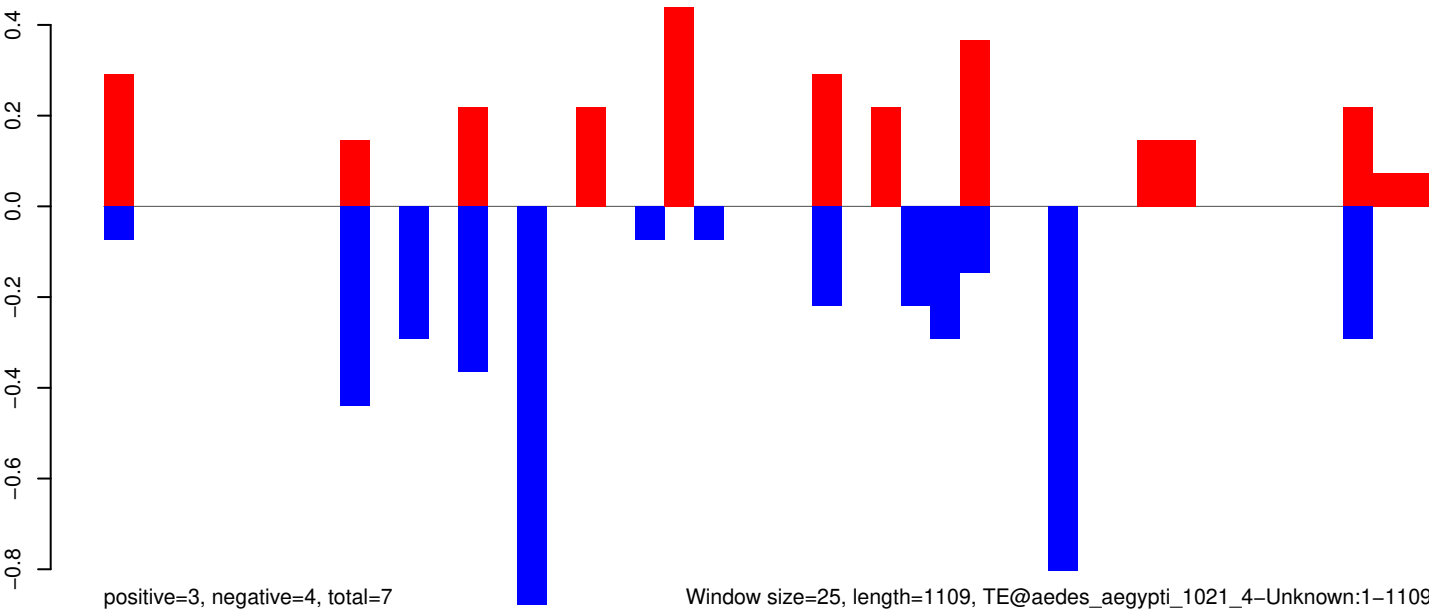
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



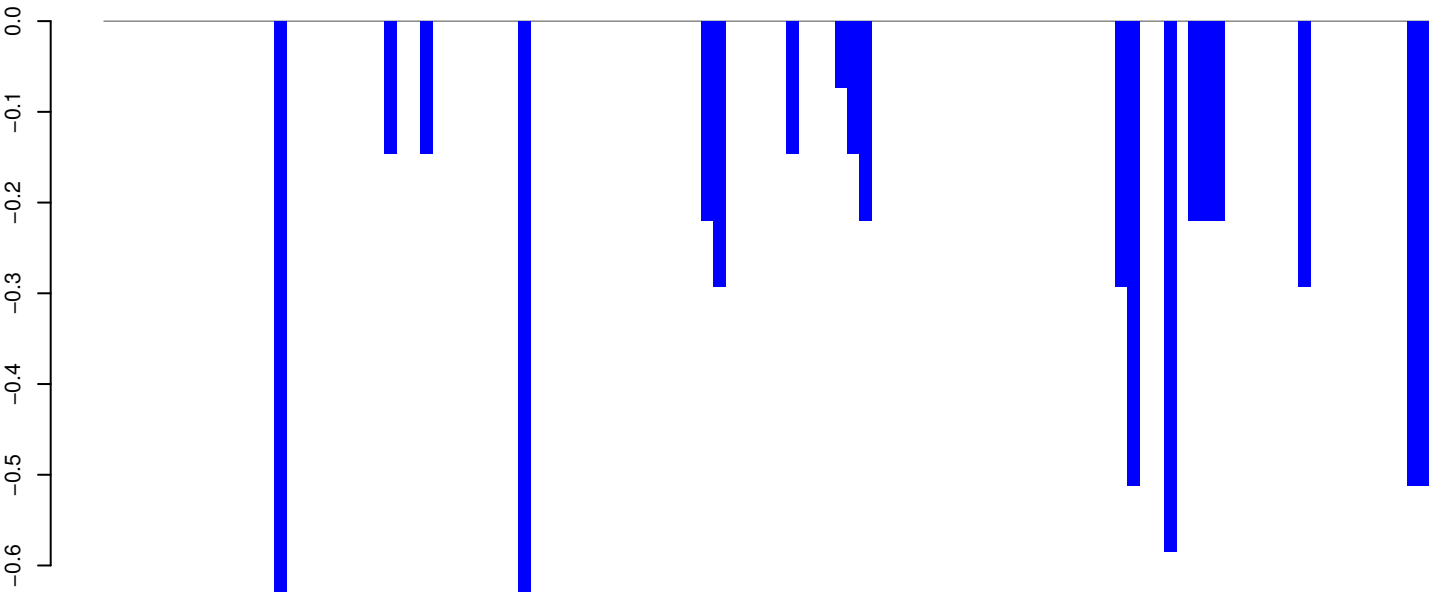
Window size=25, length=1109, TE@aedes\_aegypti\_1021\_4-Unknown:1-1109

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



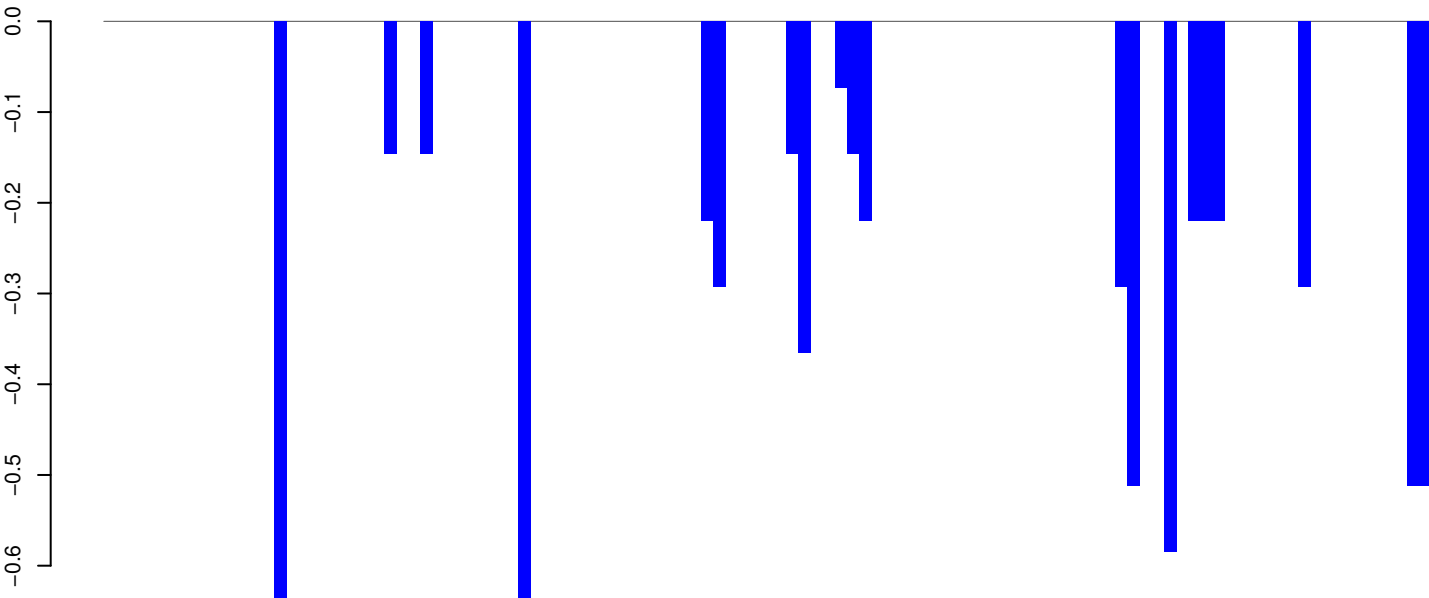
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=6, total=6

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

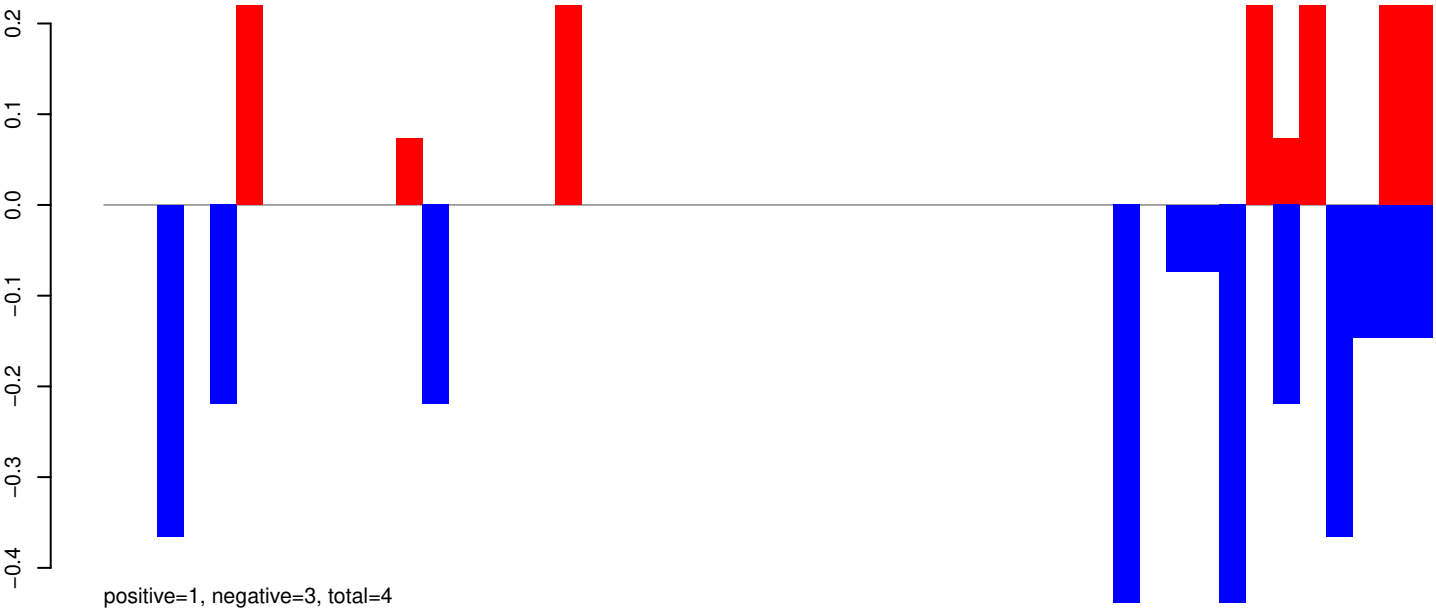


positive=0, negative=6, total=6

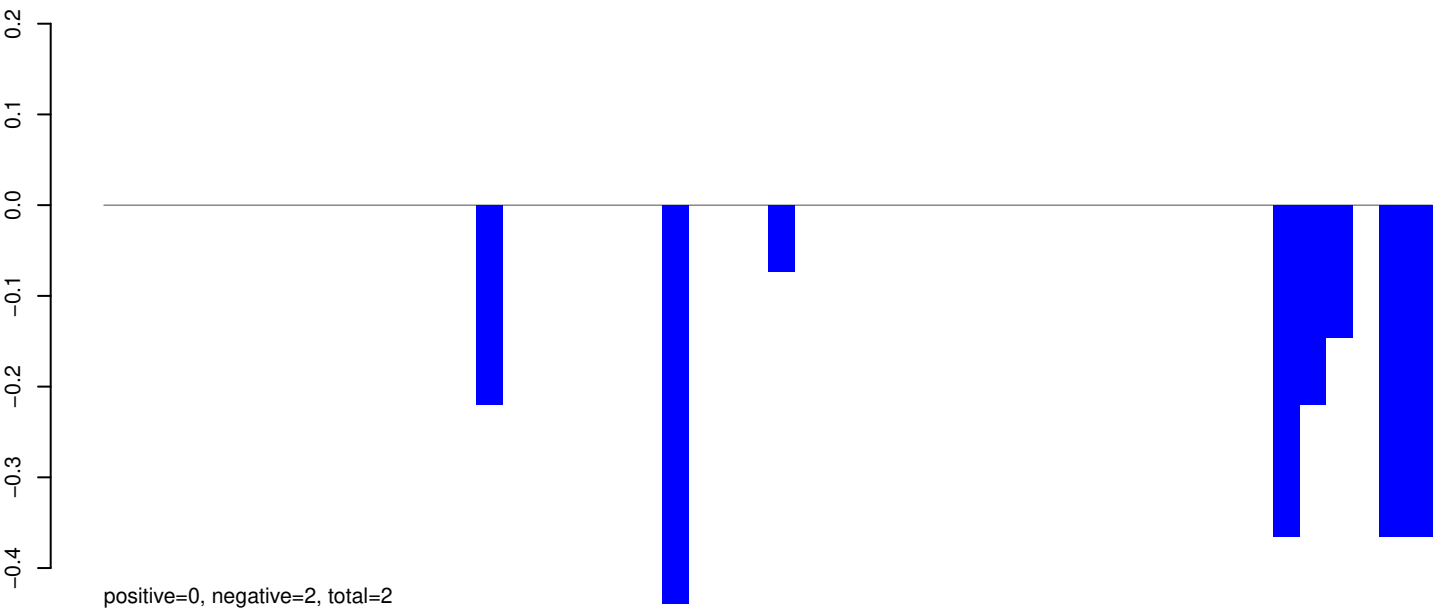
Window size=25, length=2719, TE@TF001036-Ty1\_copia\_Ele232:1-2719

0 500 1000 1500 2000 2500

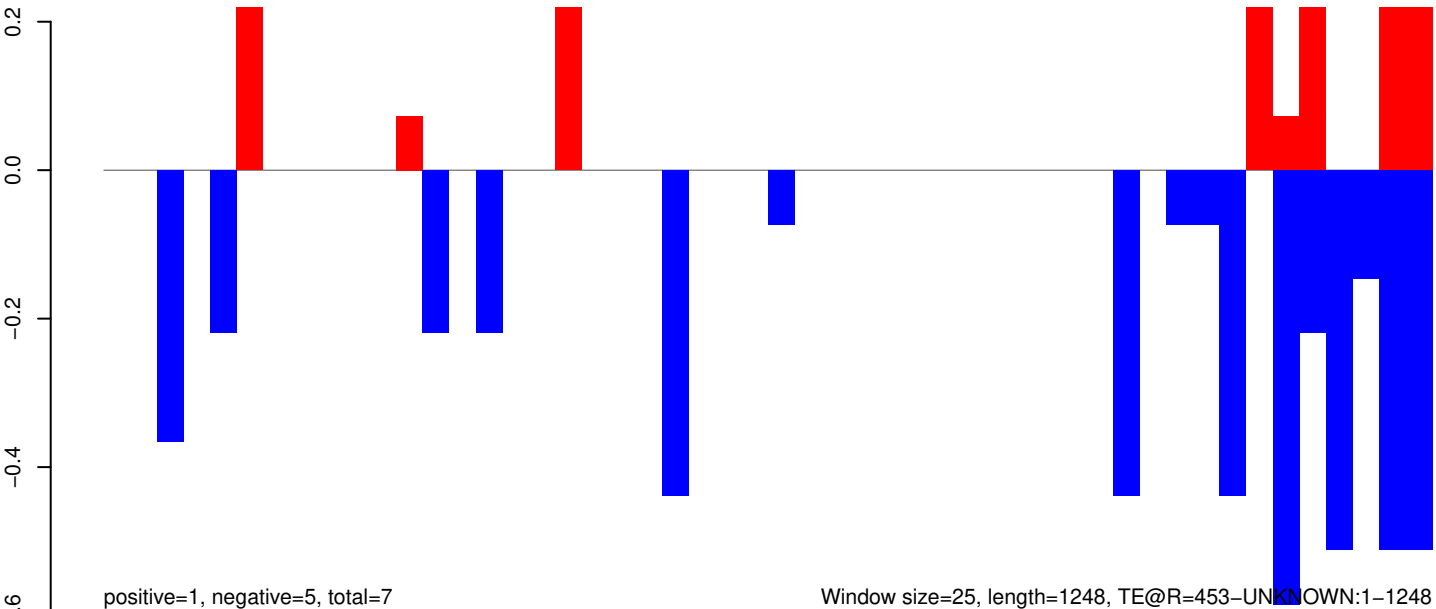
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



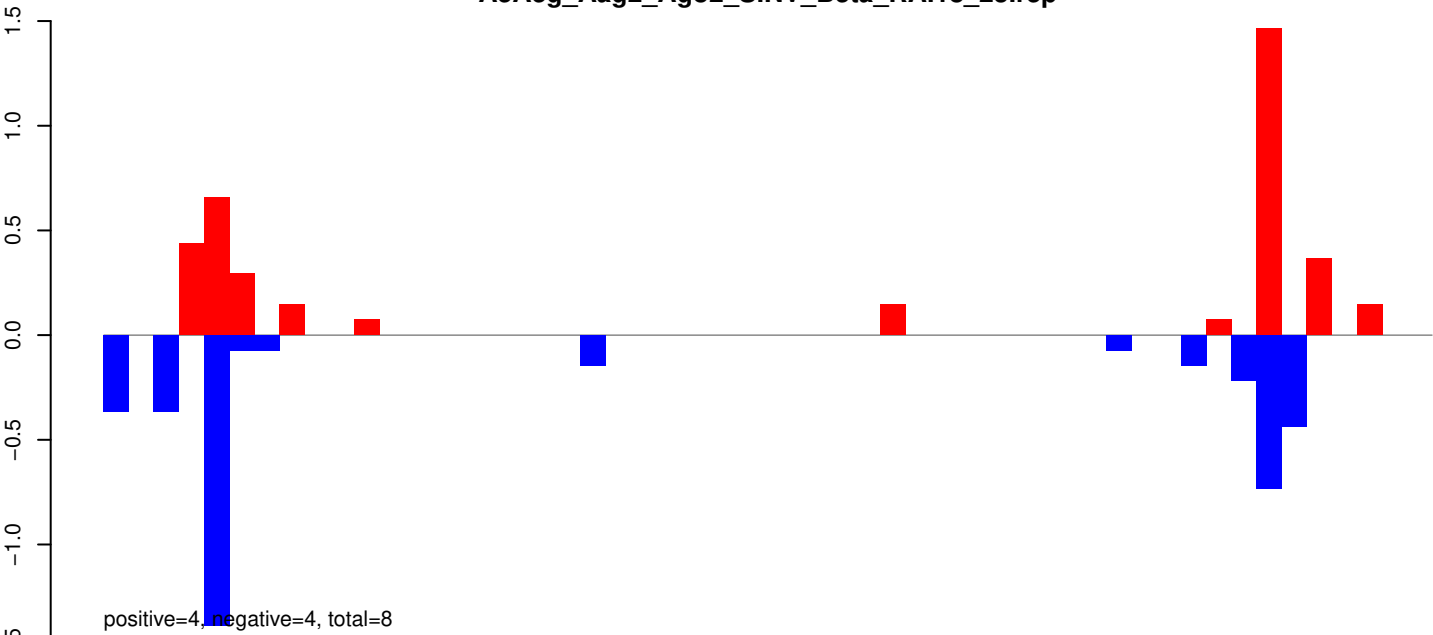
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



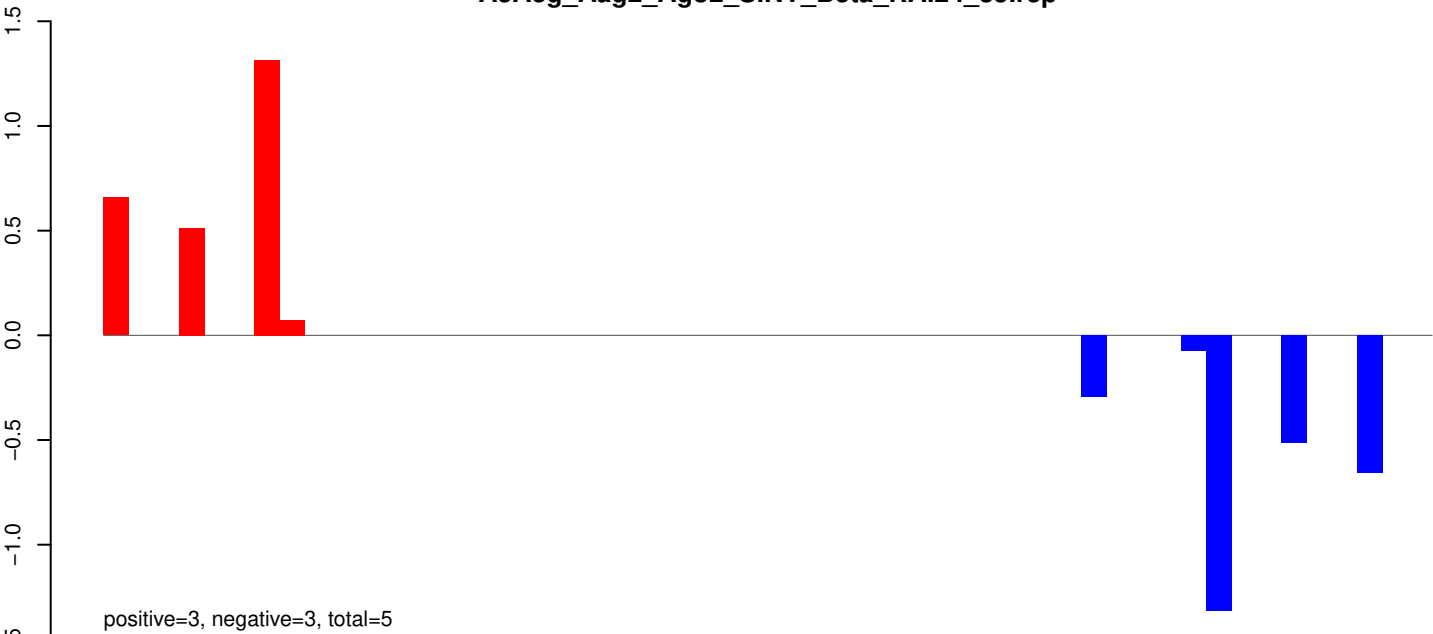
Window size=25, length=1248, TE@R=453-UNKNOWN:1-1248



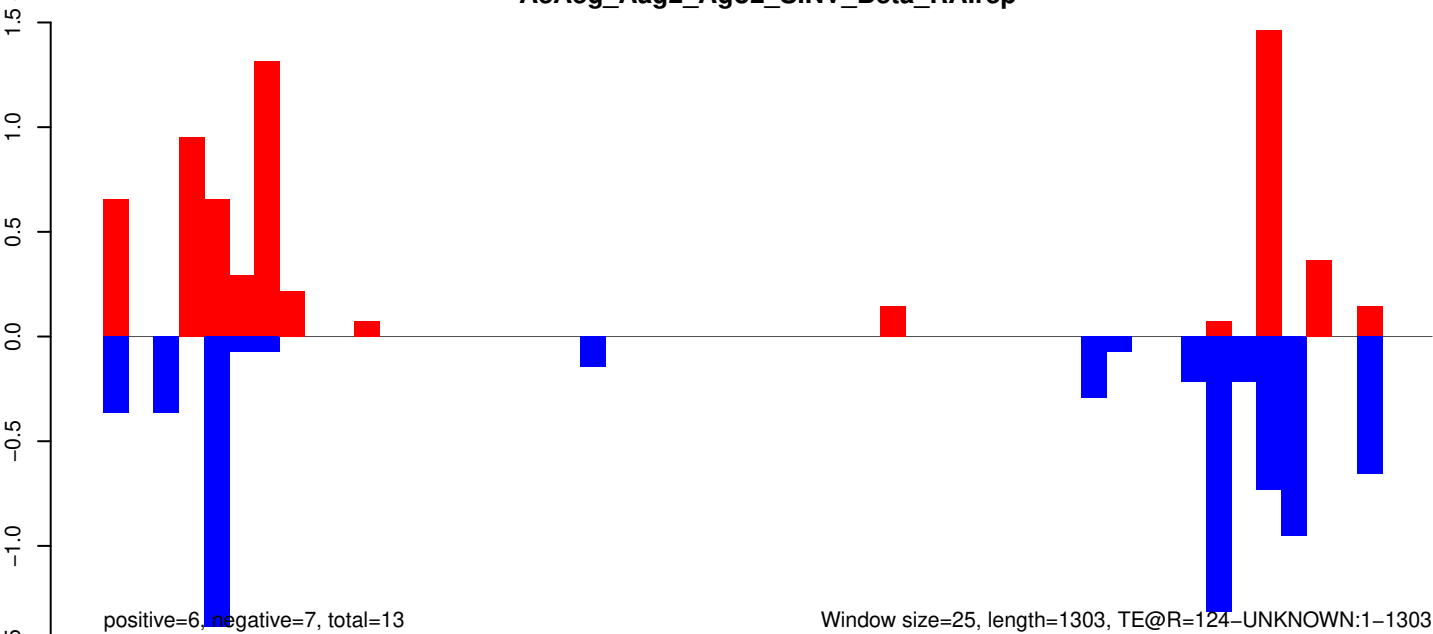
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

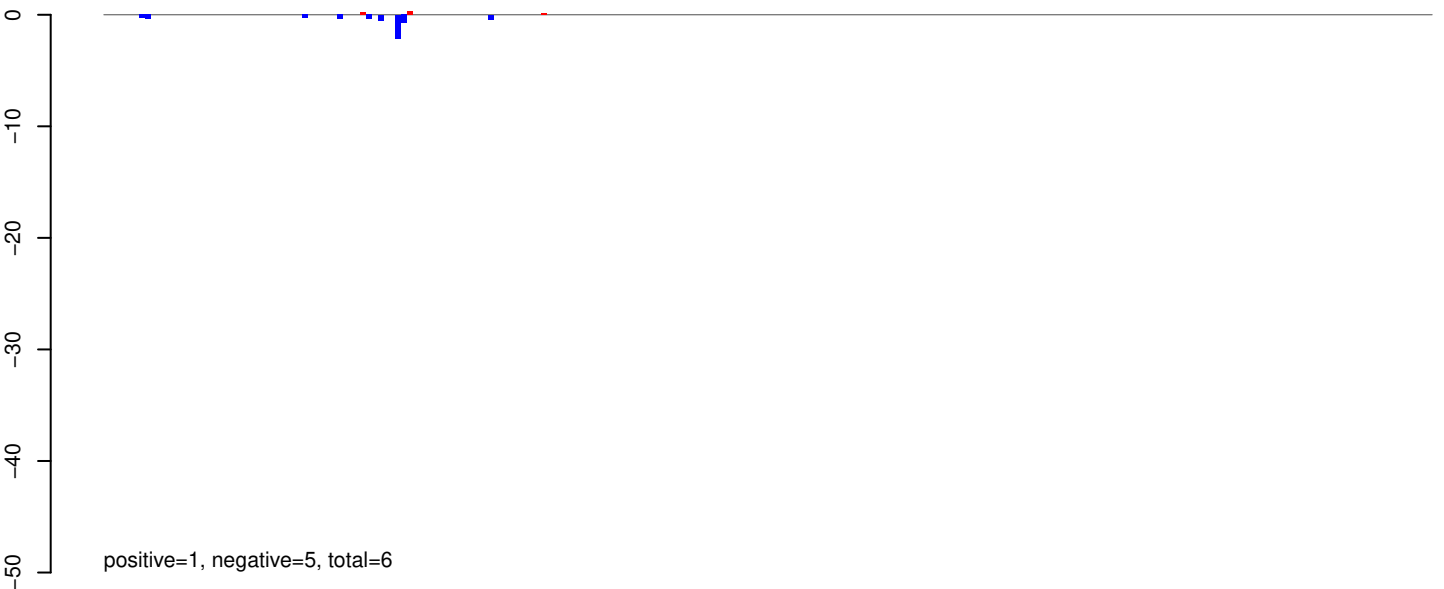


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=1303, TE@R=124-UNKNOWN:1-1303

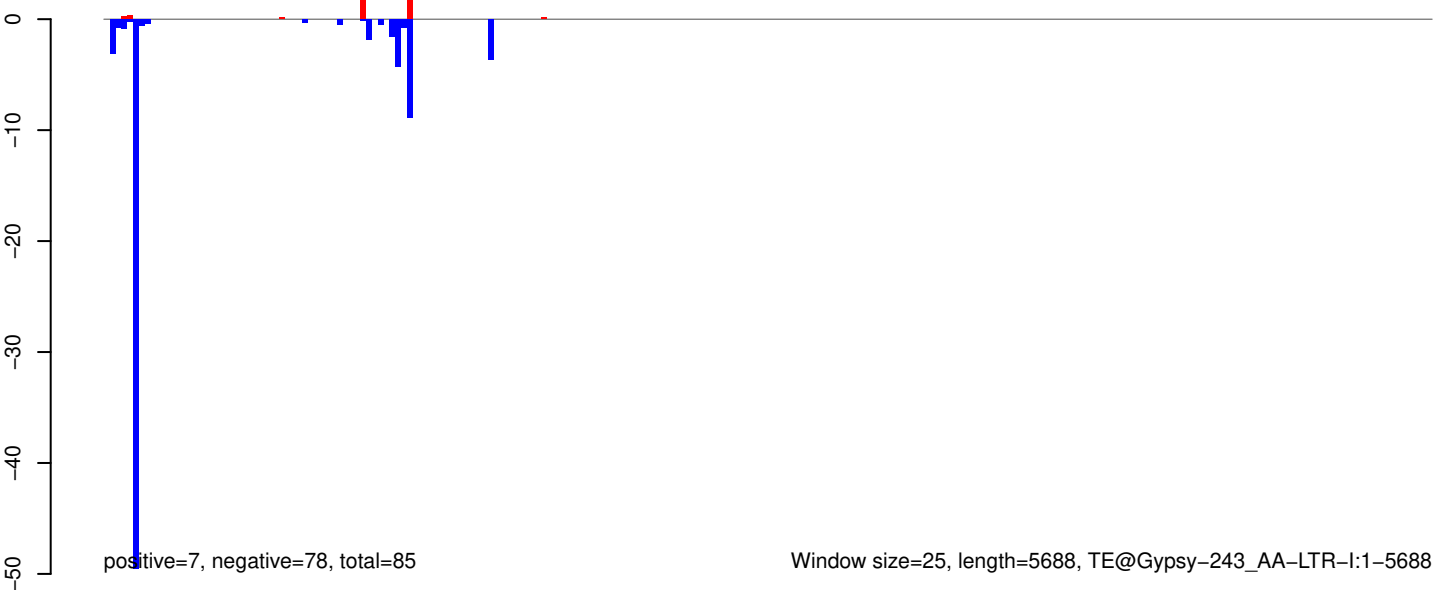
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



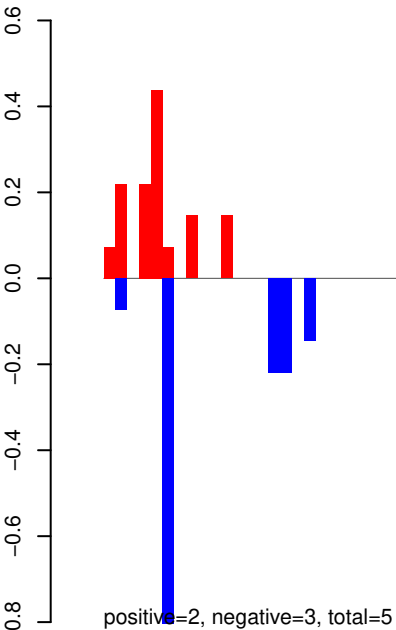
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



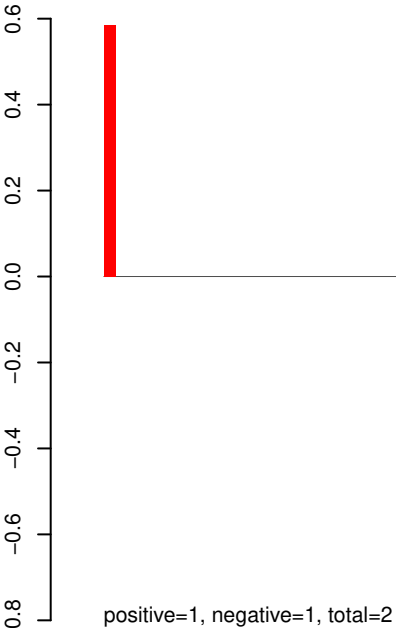
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



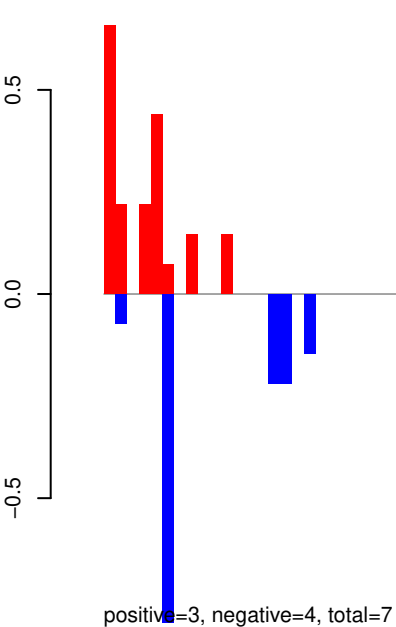
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

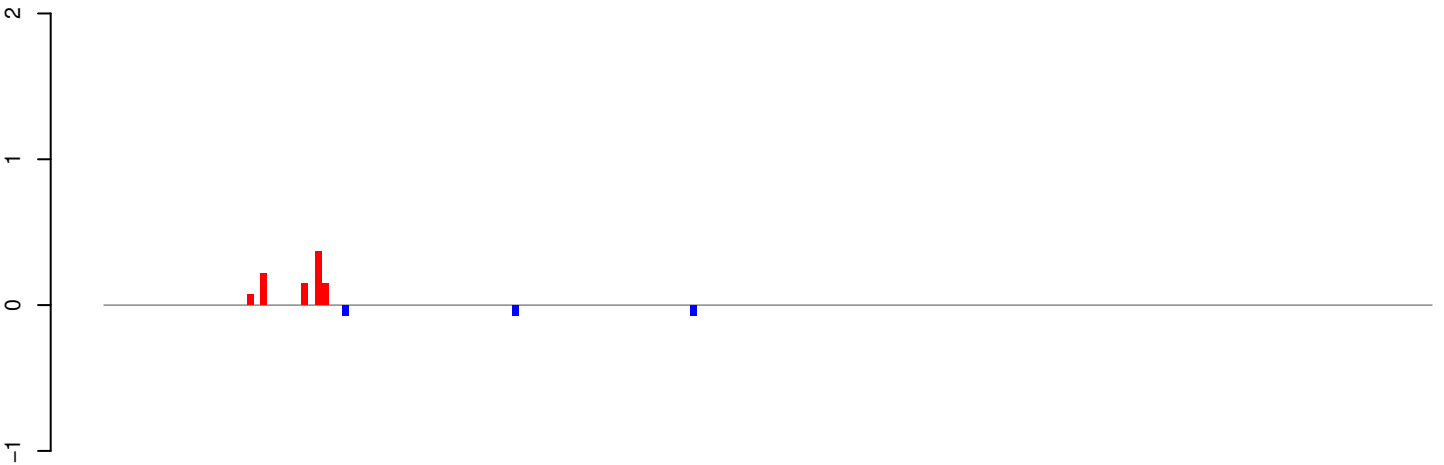


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



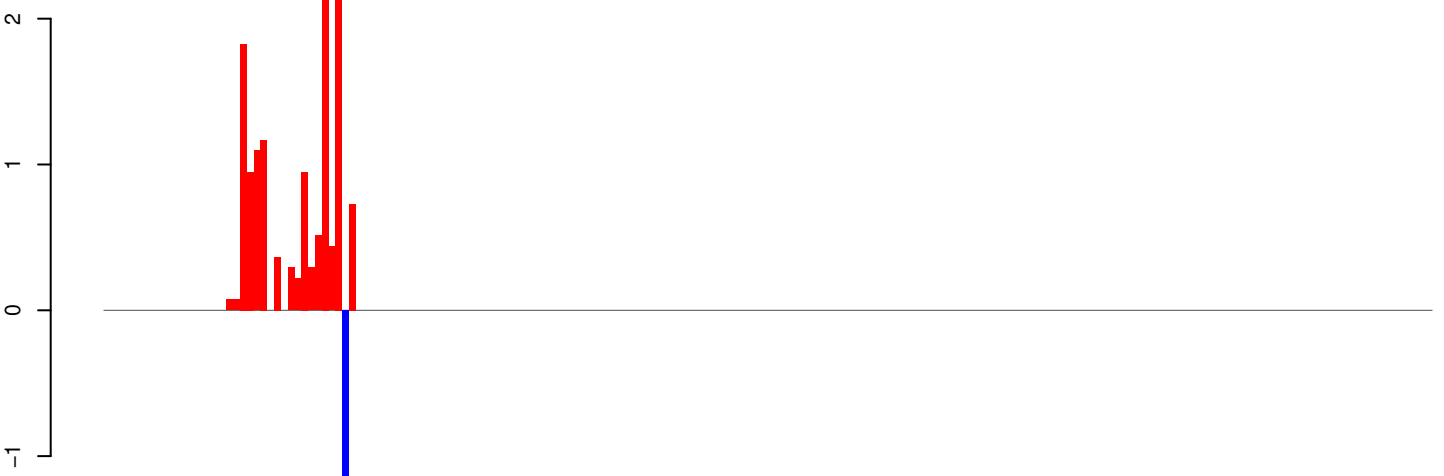
Window size=25, length=2824, TE@DNA-5\_AAg:1-2824

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



positive=1, negative=0, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=15, negative=1, total=16

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



positive=16, negative=2, total=17

Window size=25, length=4856, TE@Copia-58\_AA-LTR-I:1-4856

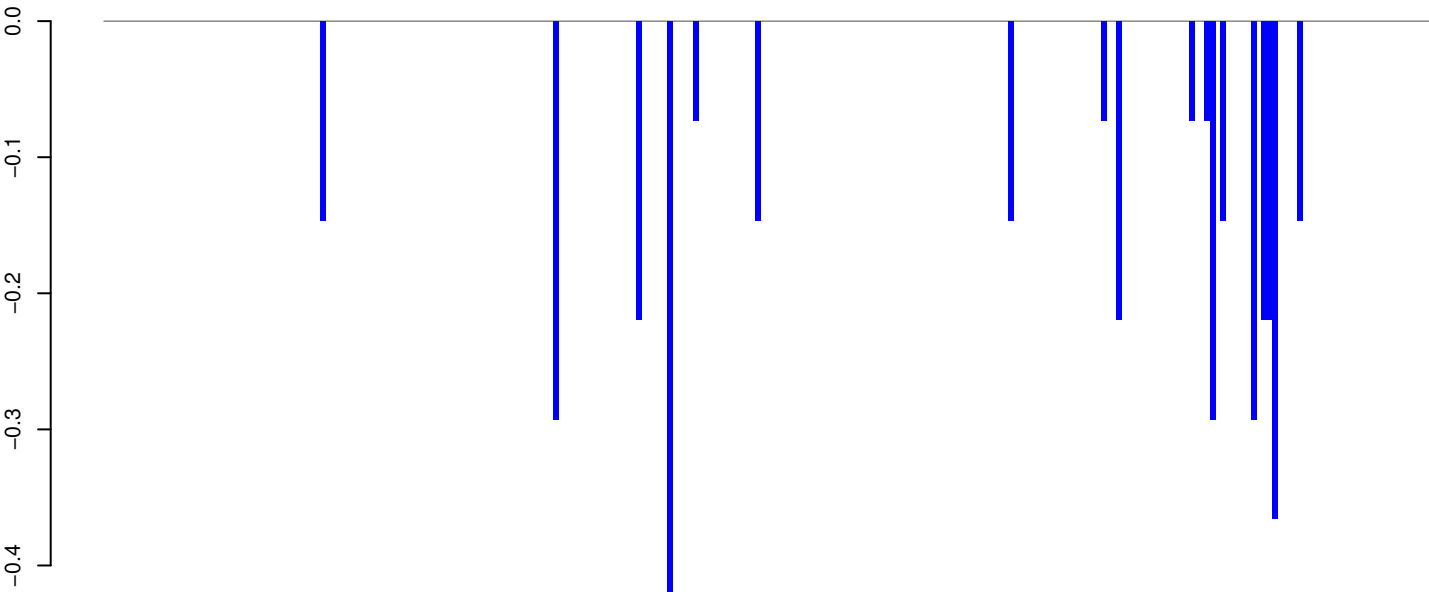
0 1000 2000 3000 4000 5000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



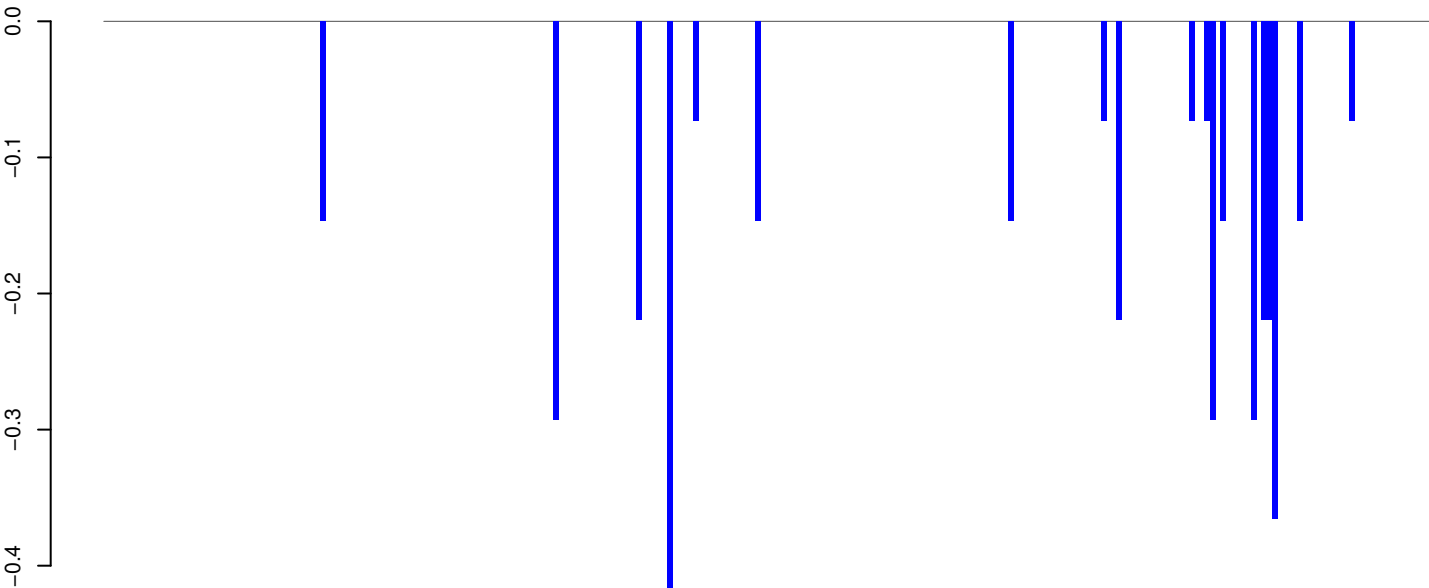
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=4, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

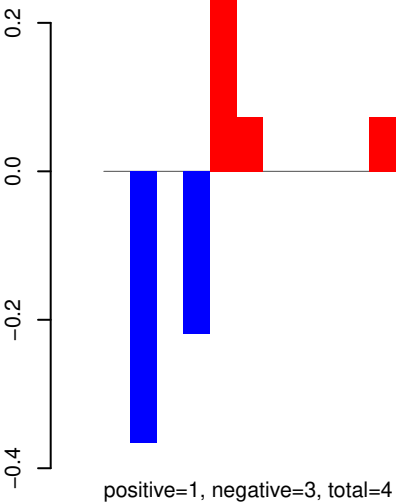


positive=0, negative=4, total=4

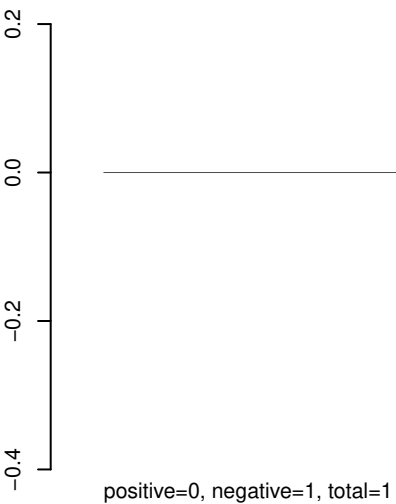
Window size=25, length=6411, TE@BEL-47\_AA-LTR-I:1-6411

0 1000 2000 3000 4000 5000 6000

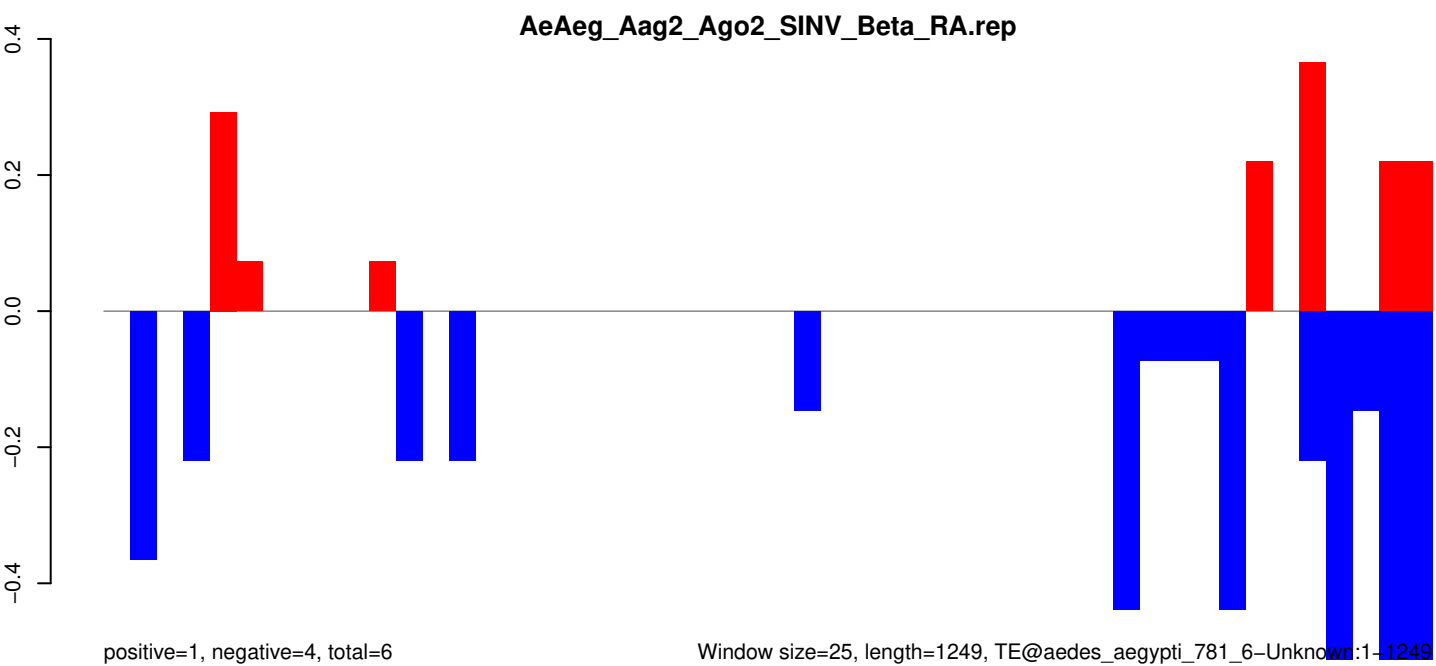
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



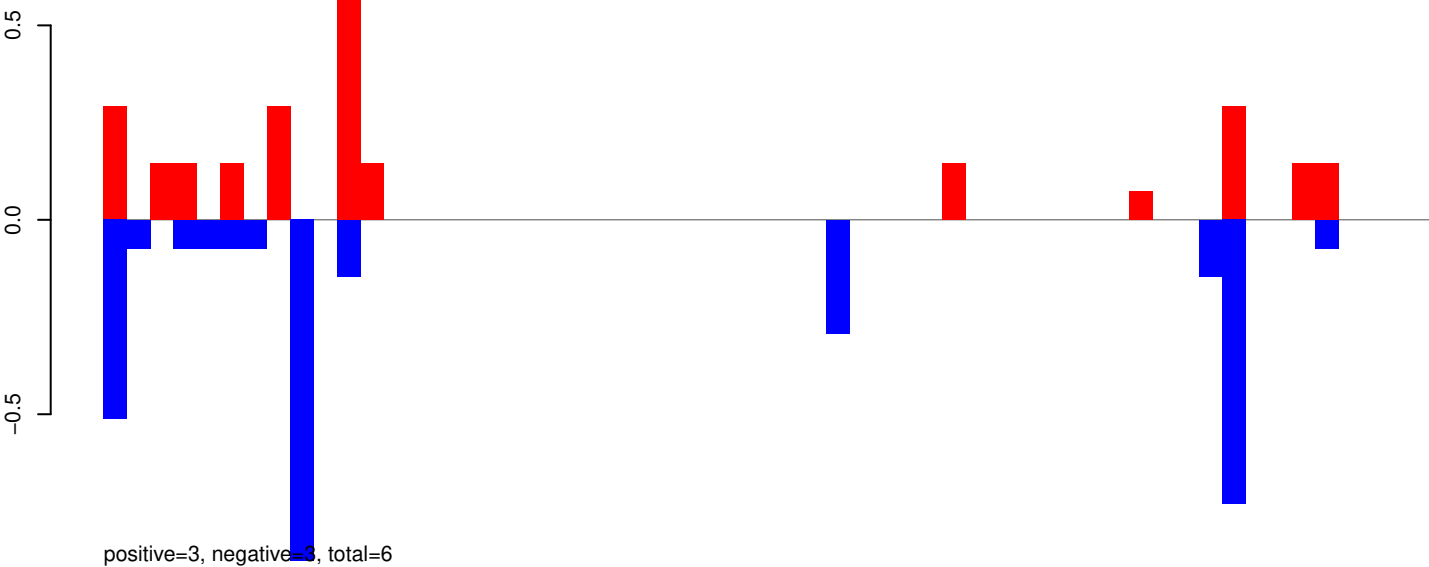
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



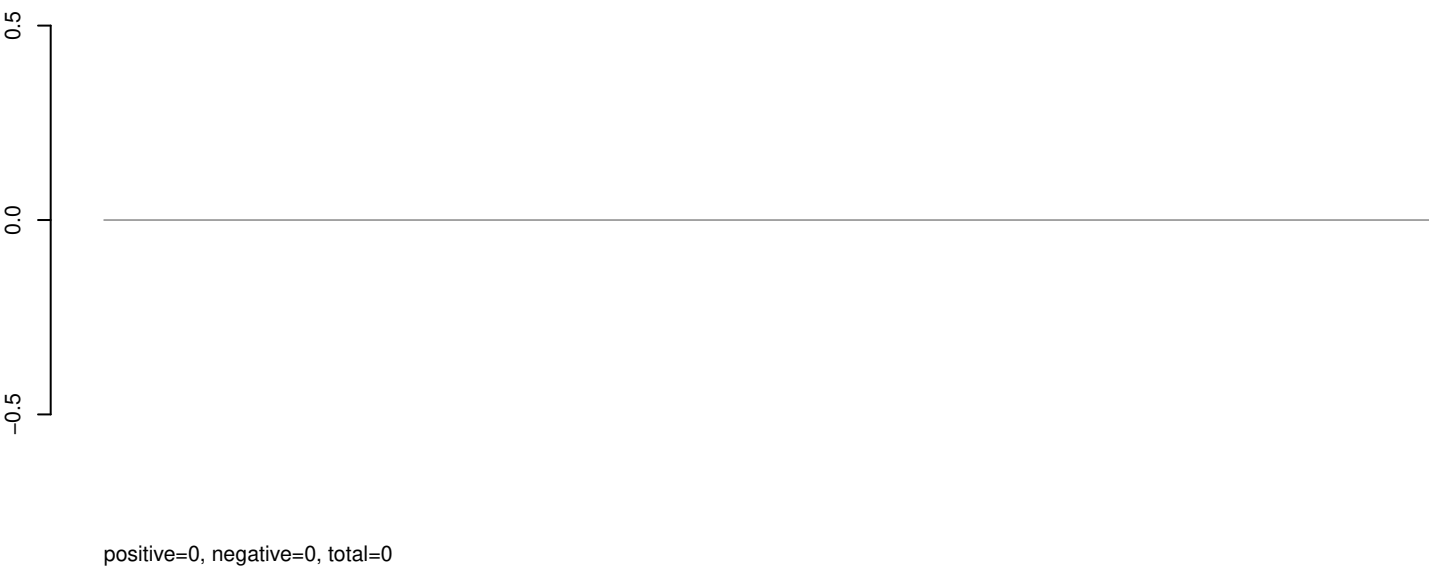
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



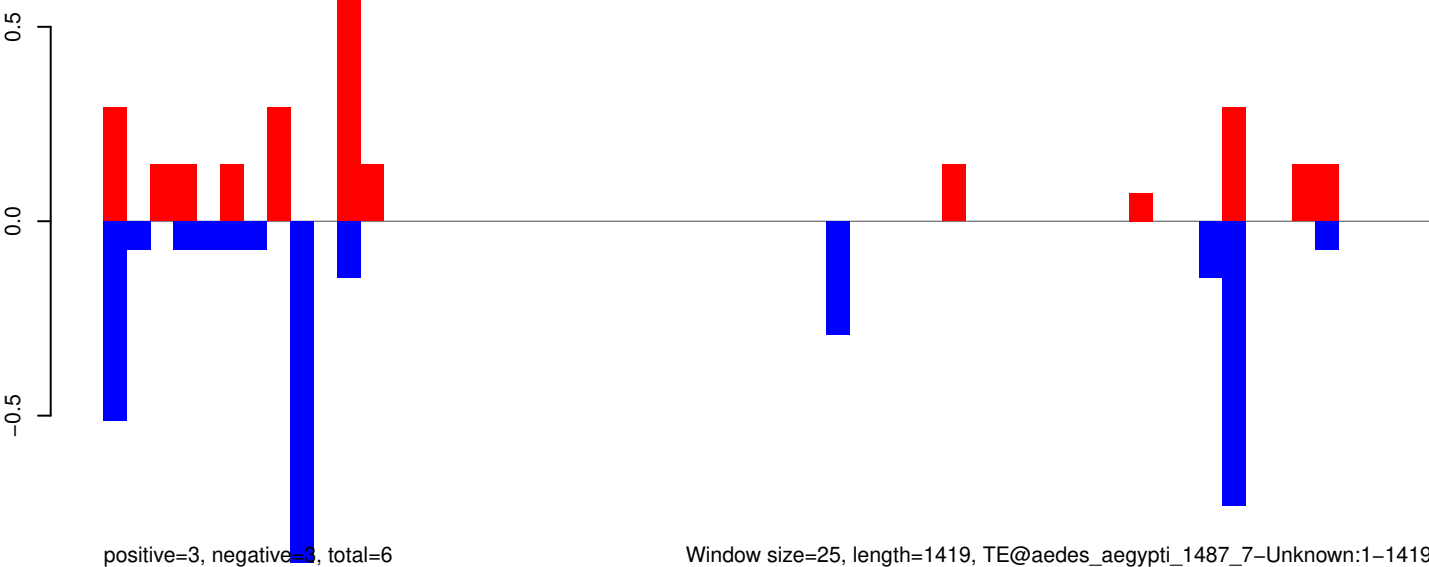
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



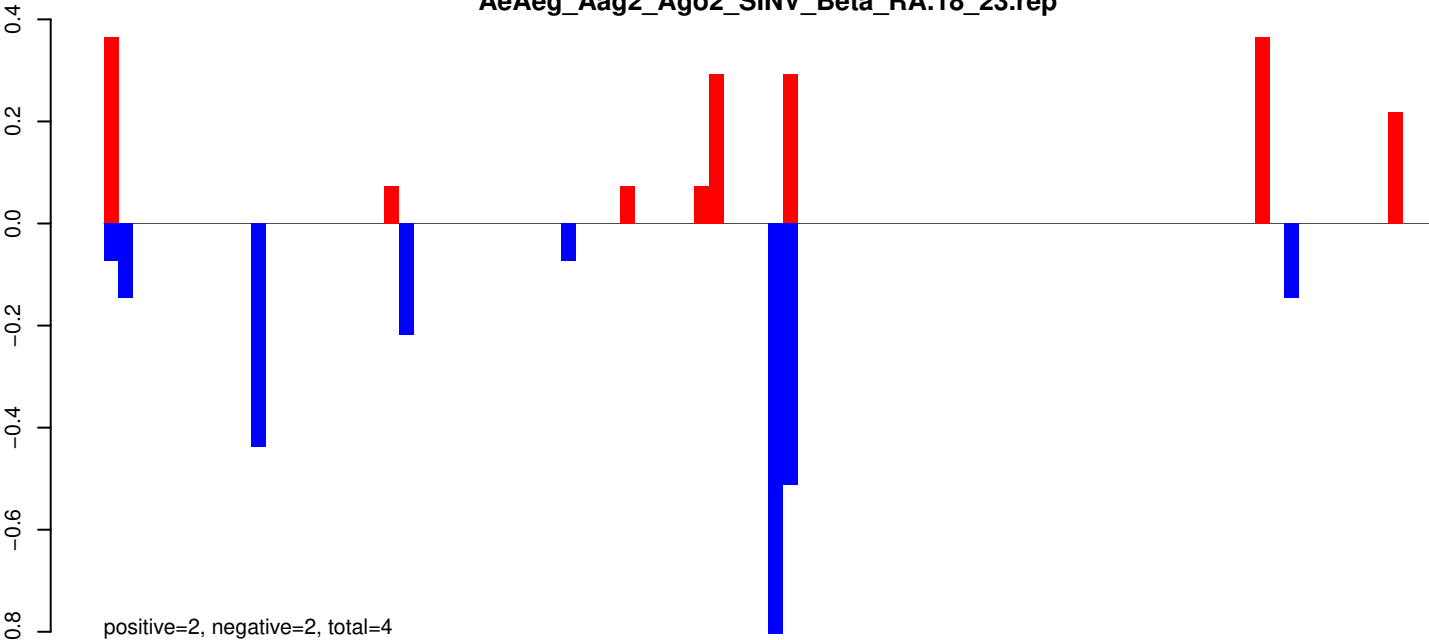
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



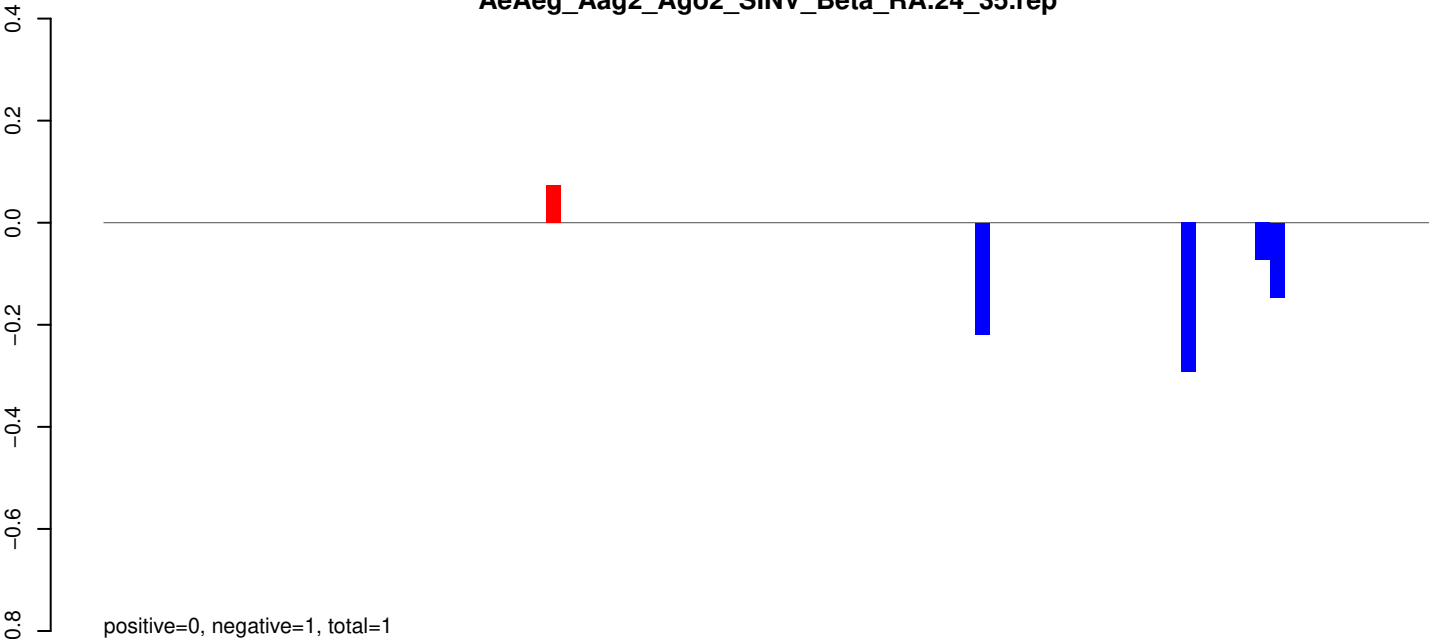
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



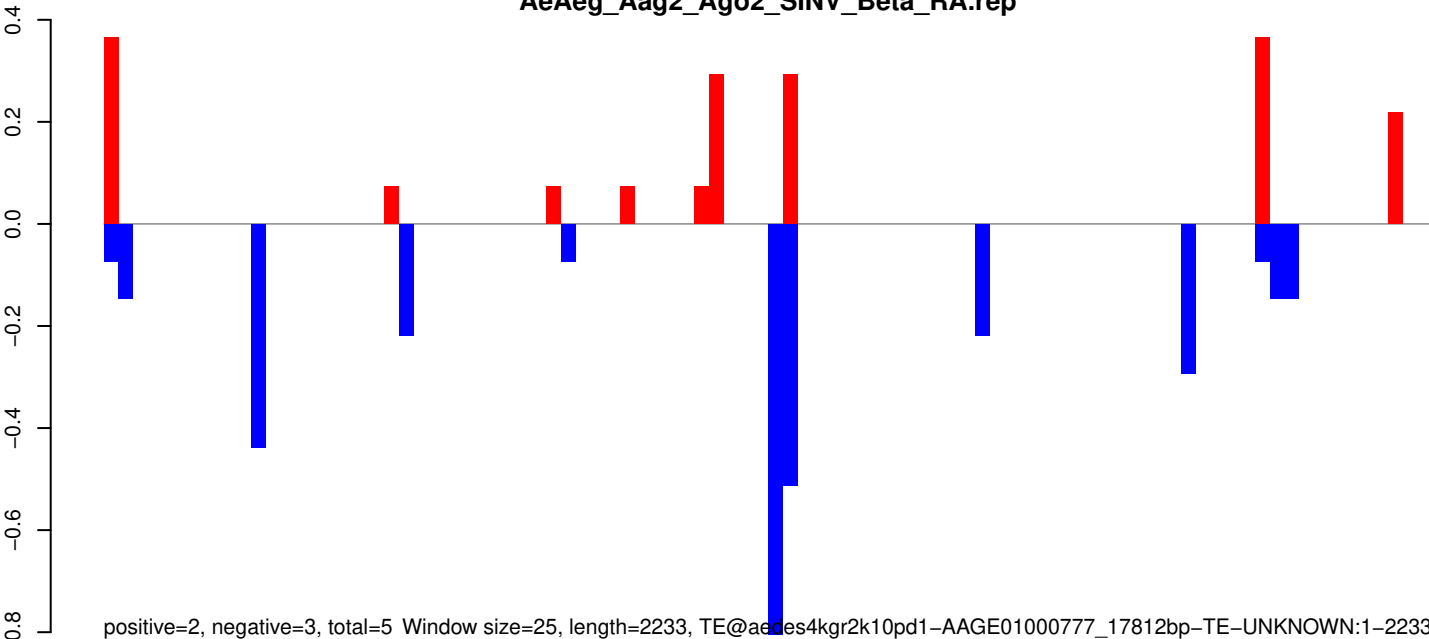
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

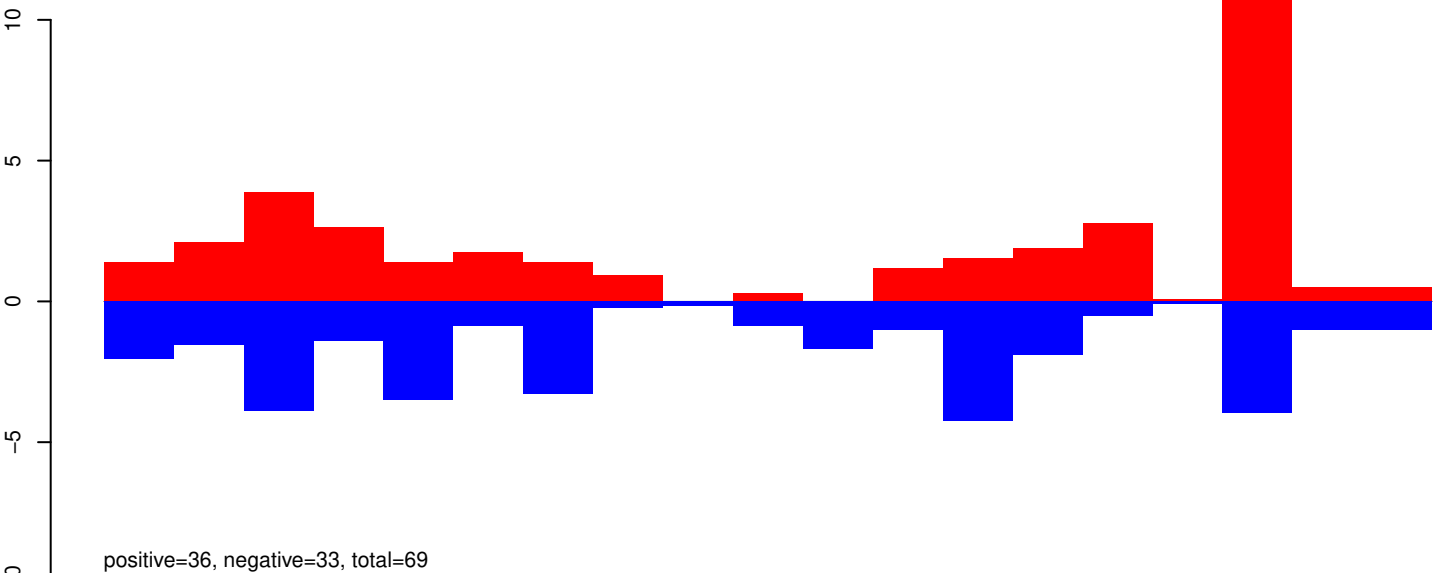


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

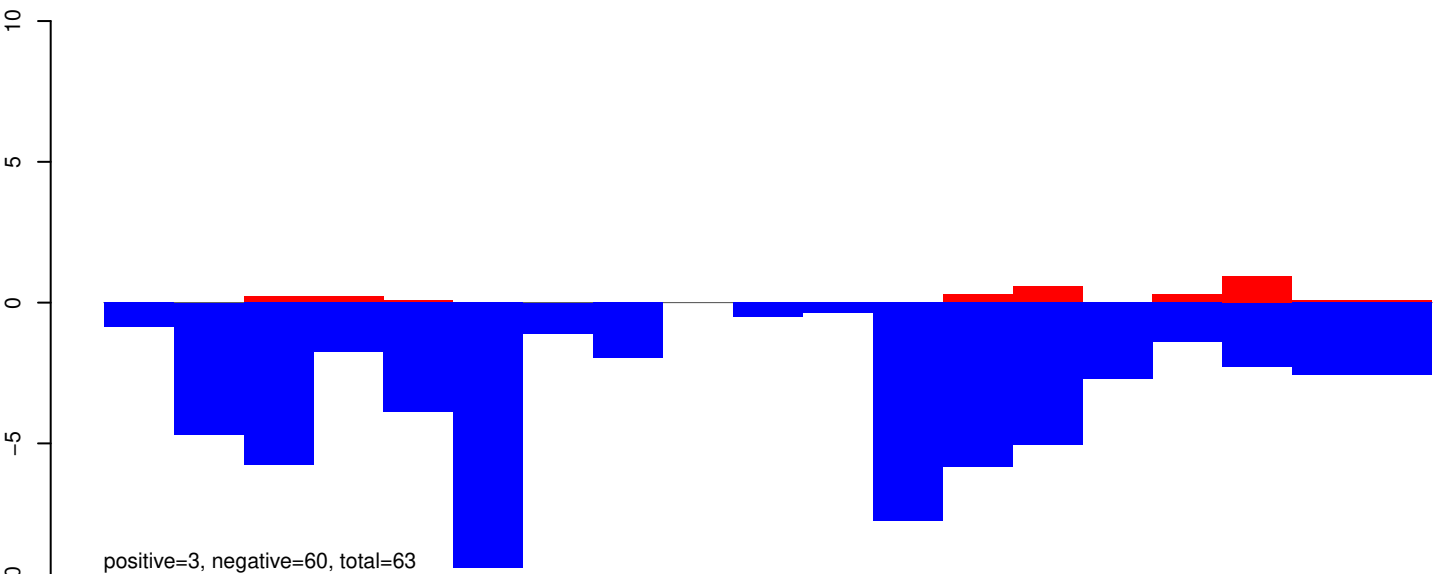




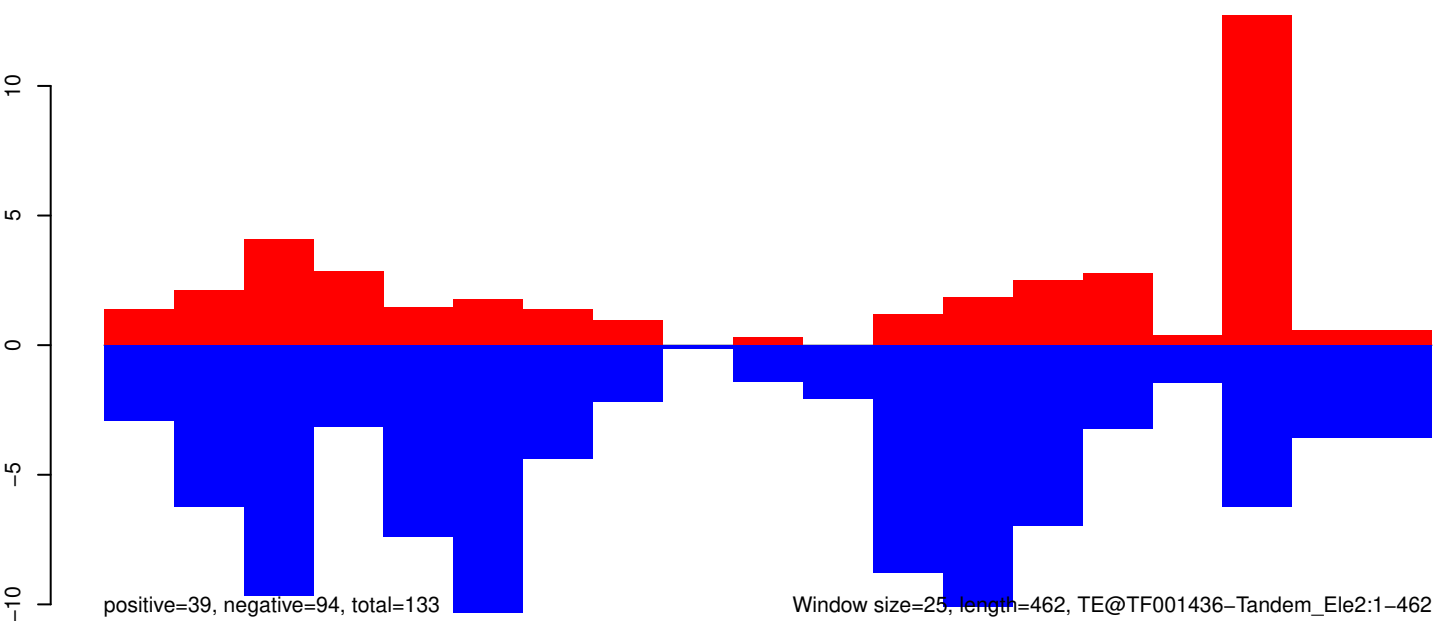
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



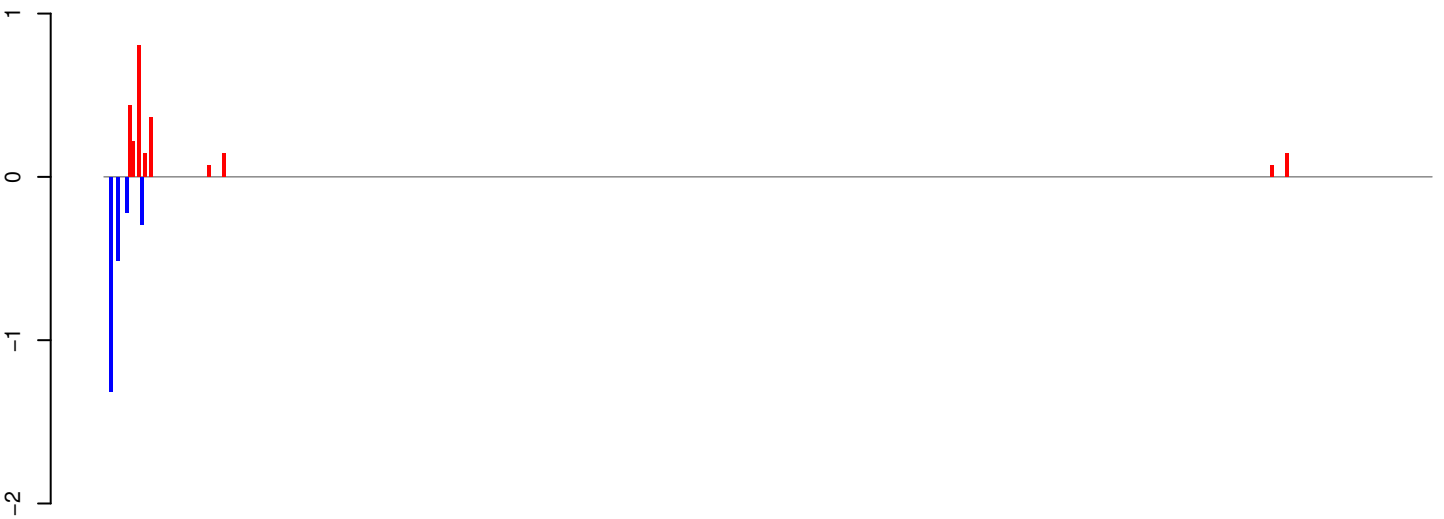
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

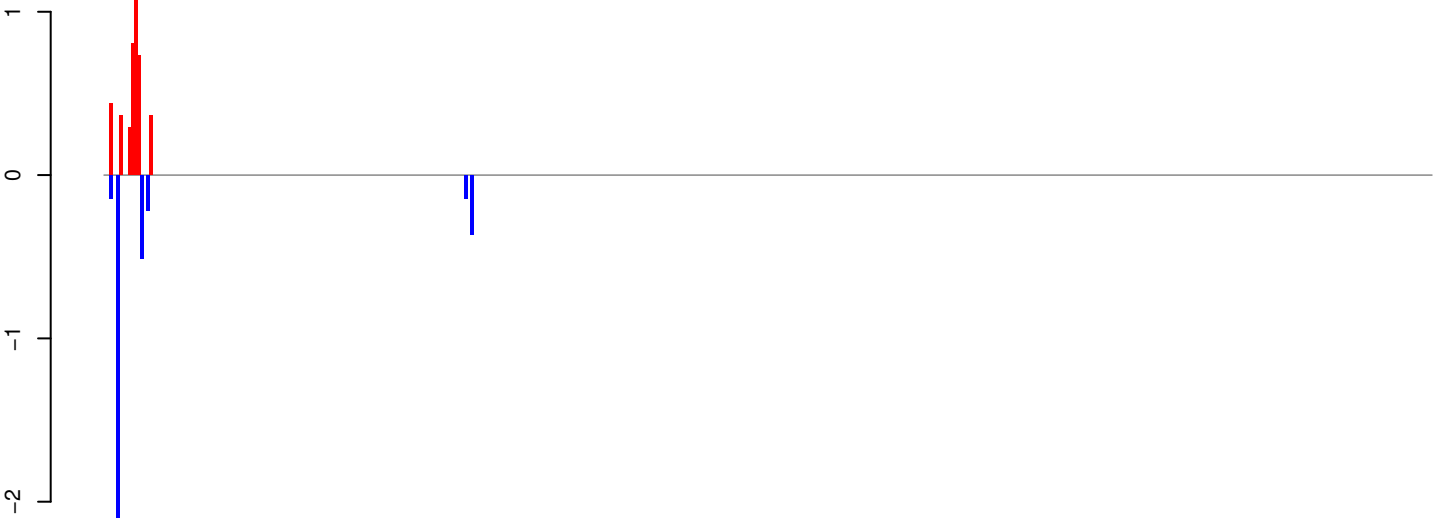


### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



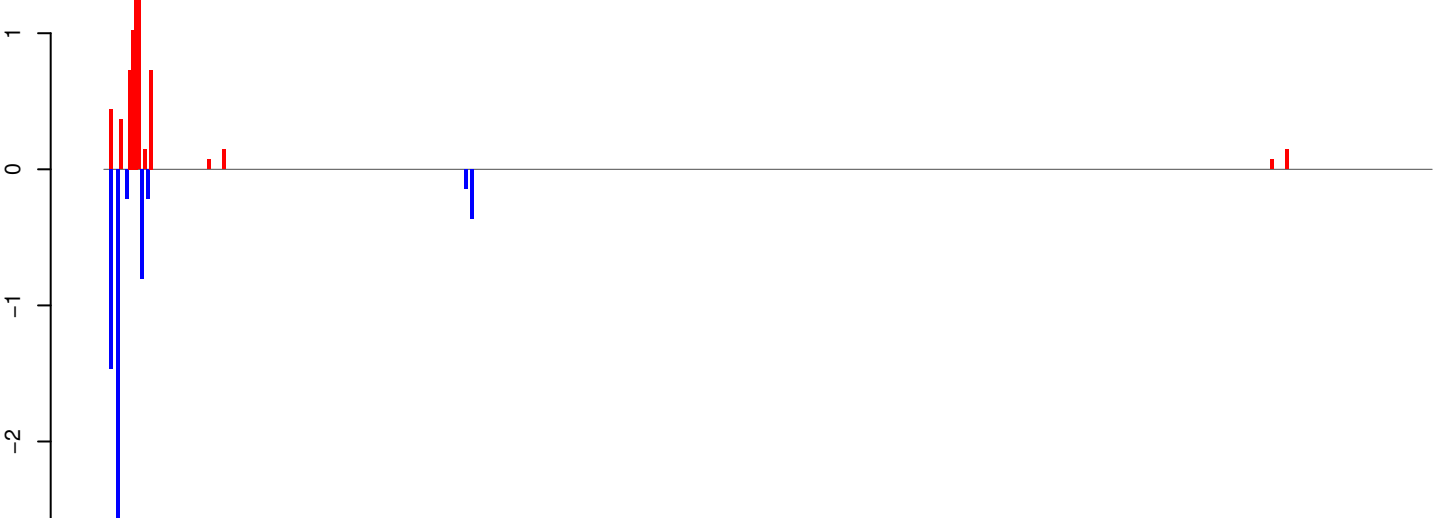
positive=2, negative=2, total=5

### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=4, negative=4, total=8

### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



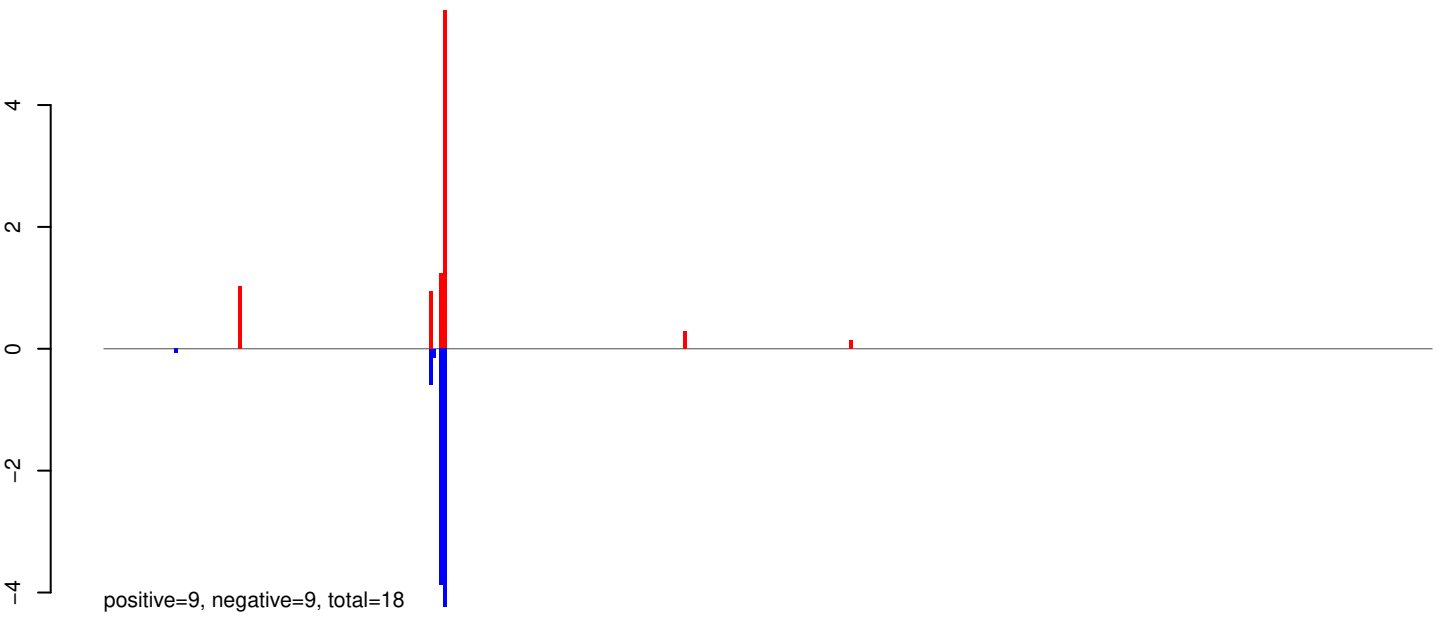
positive=7, negative=6, total=13

Window size=25, length=10854, TE@TF000939-Ty3\_gypsy\_Ele180:1-10854

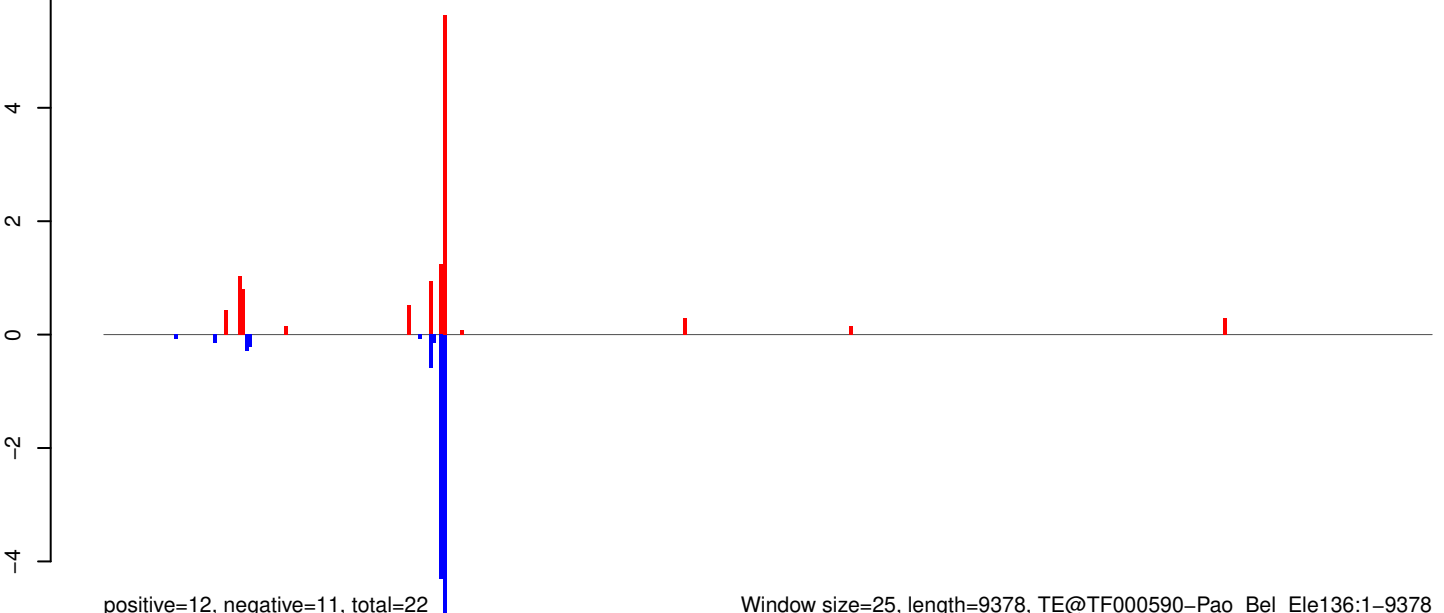
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



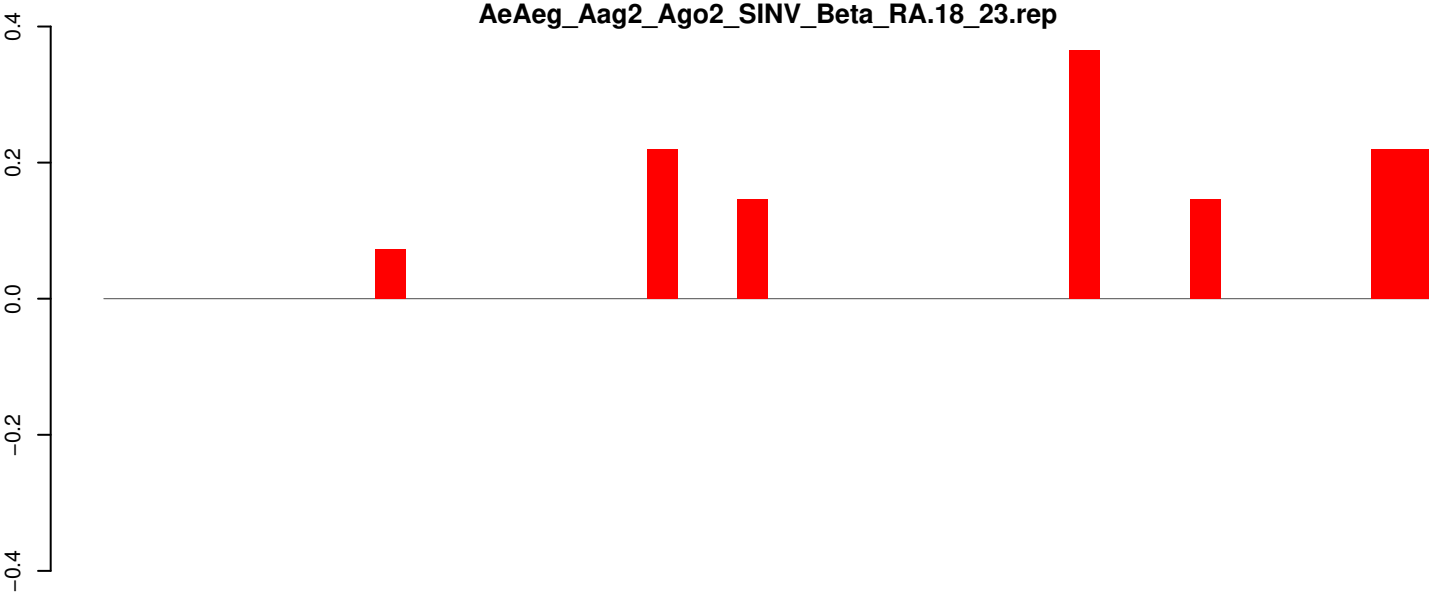
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

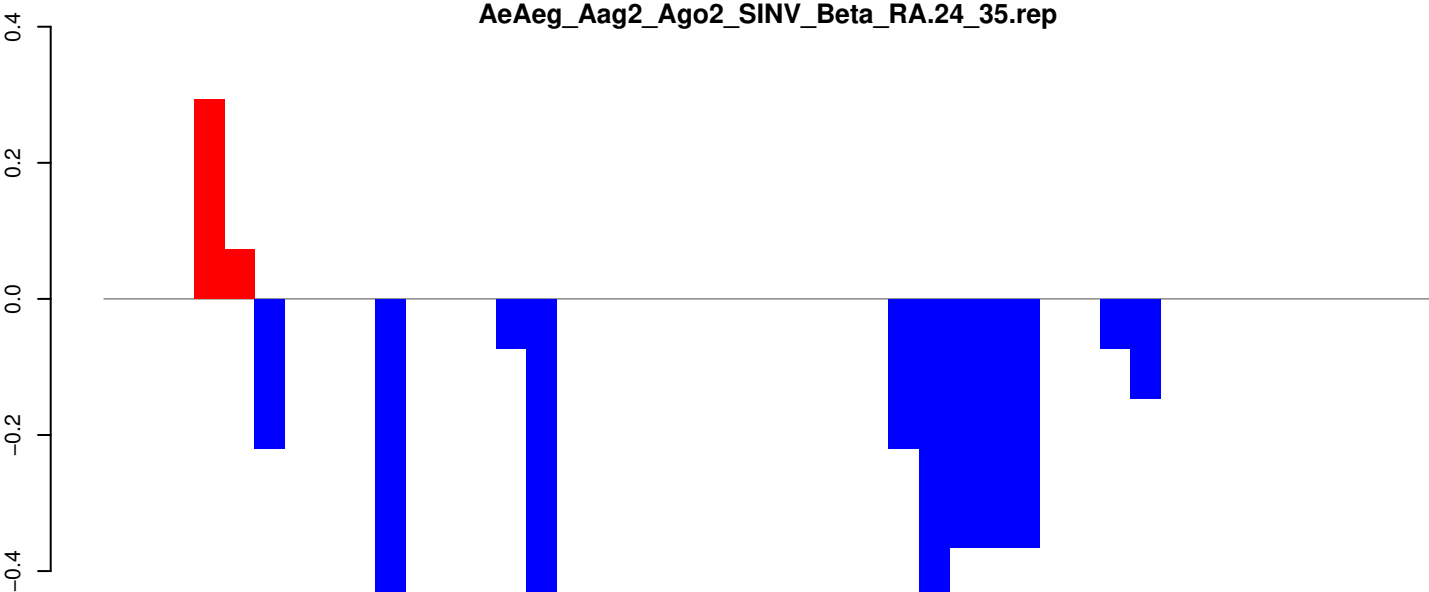


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



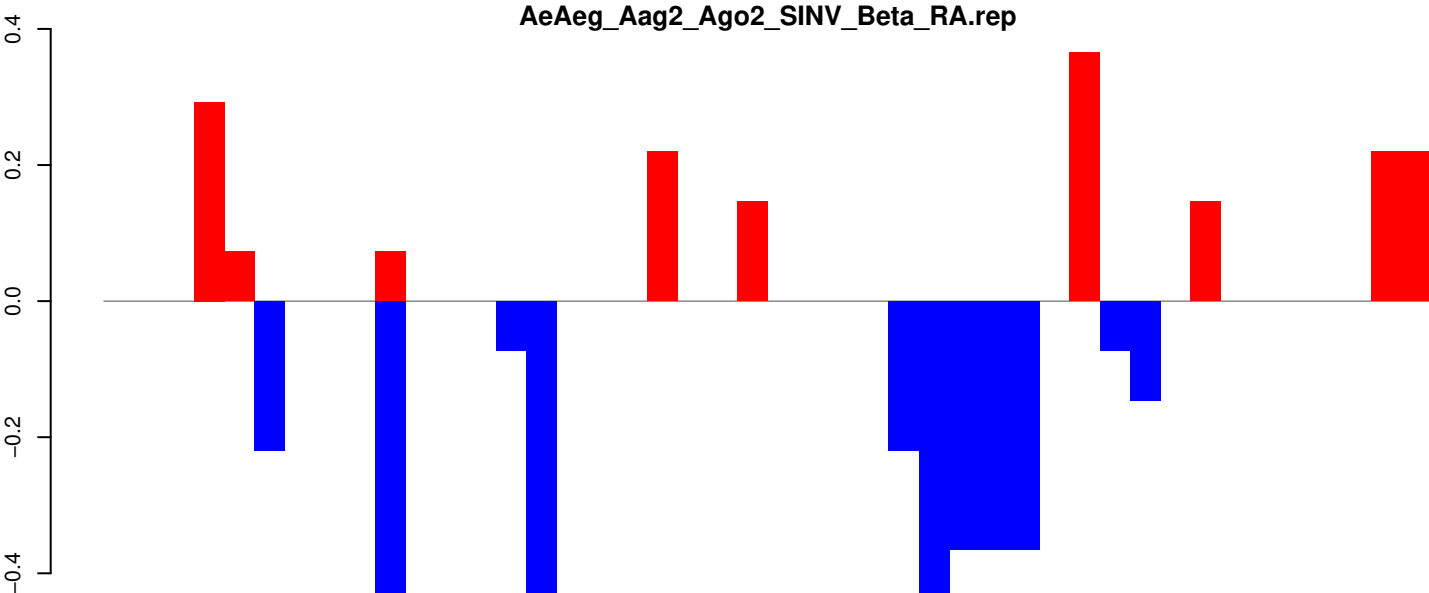
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=3, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

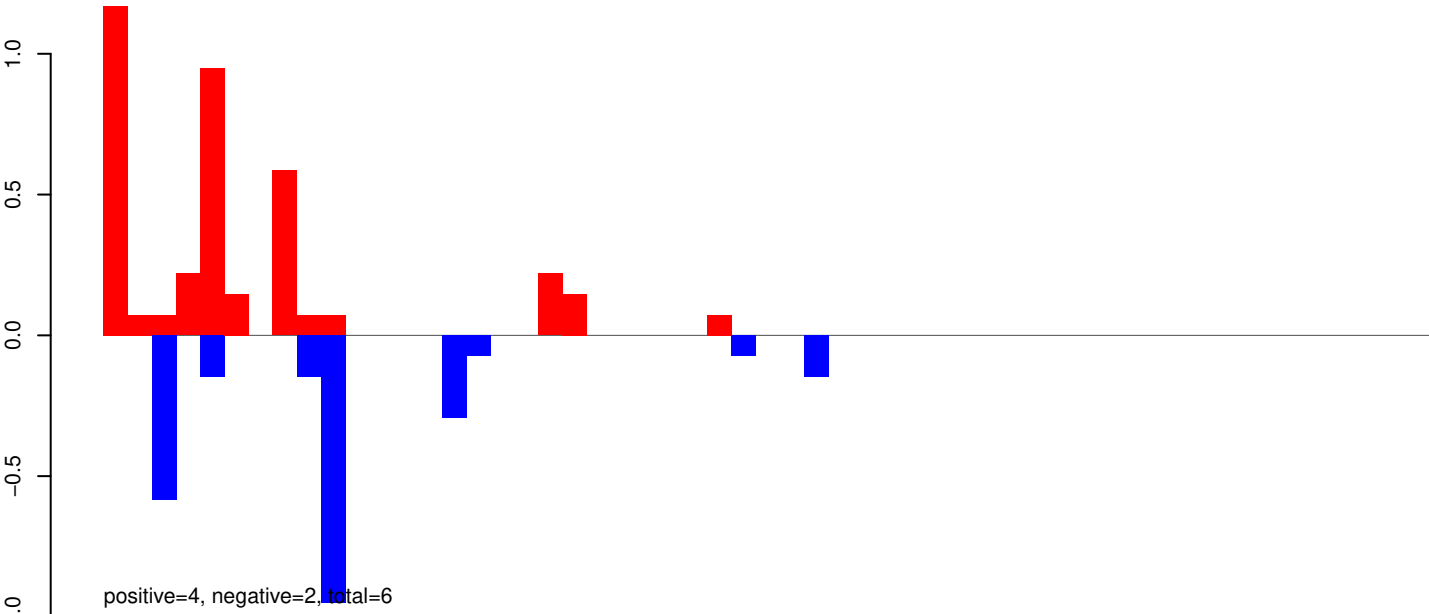


positive=2, negative=3, total=5

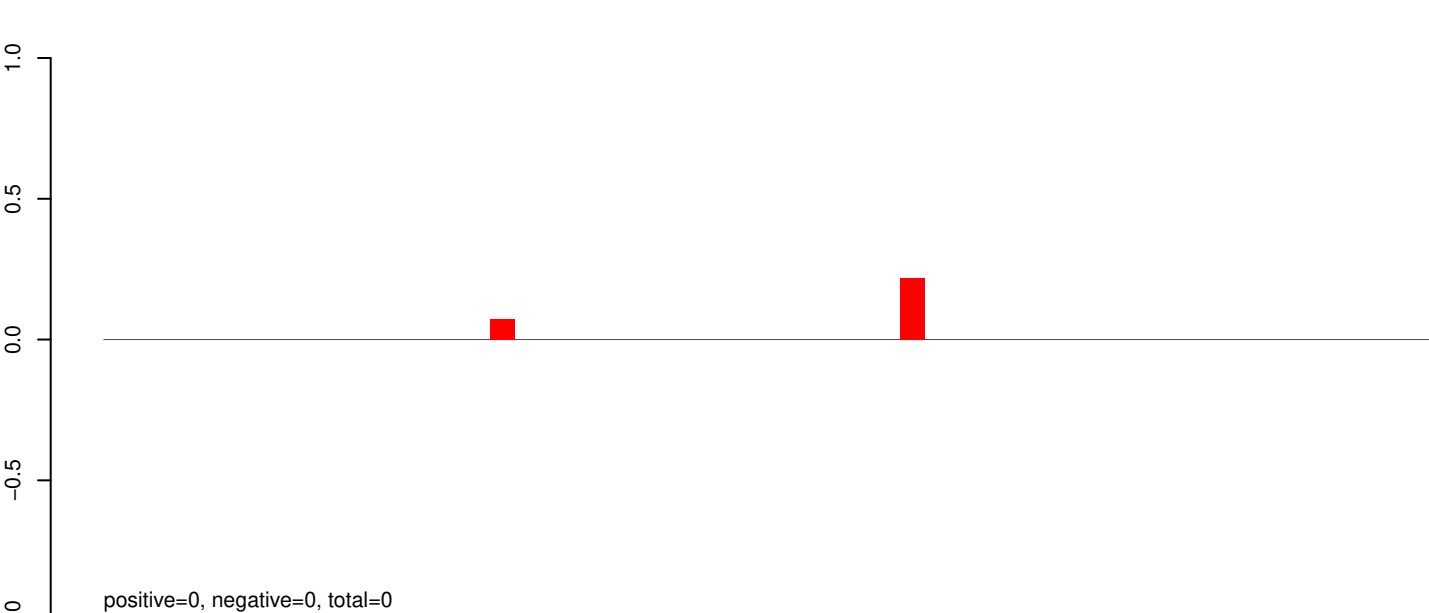
Window size=25, length=1099, TE@R=935-UNKNOWN:1-1099

0 200 400 600 800 1000

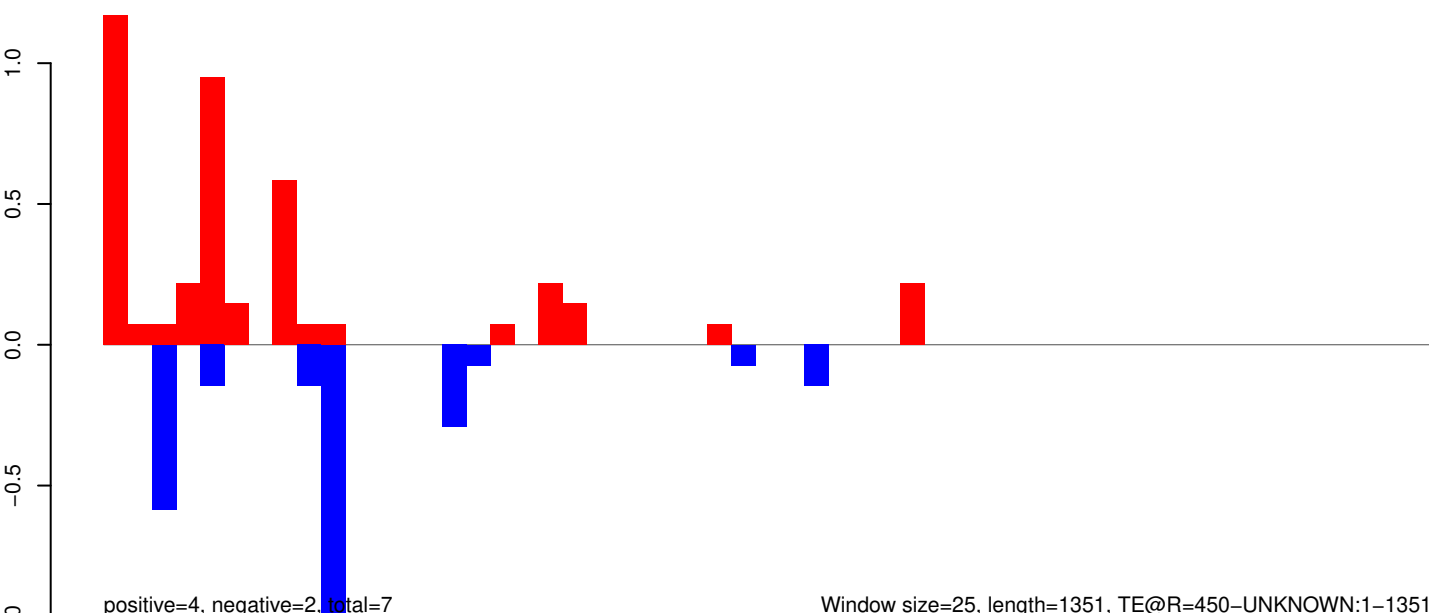
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

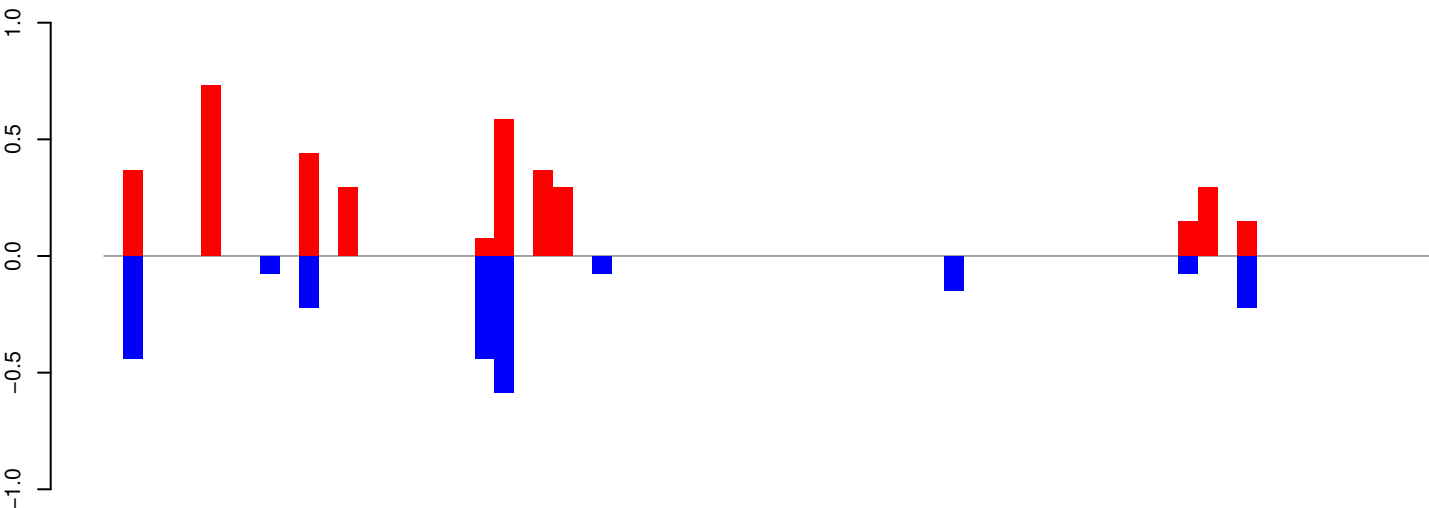


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

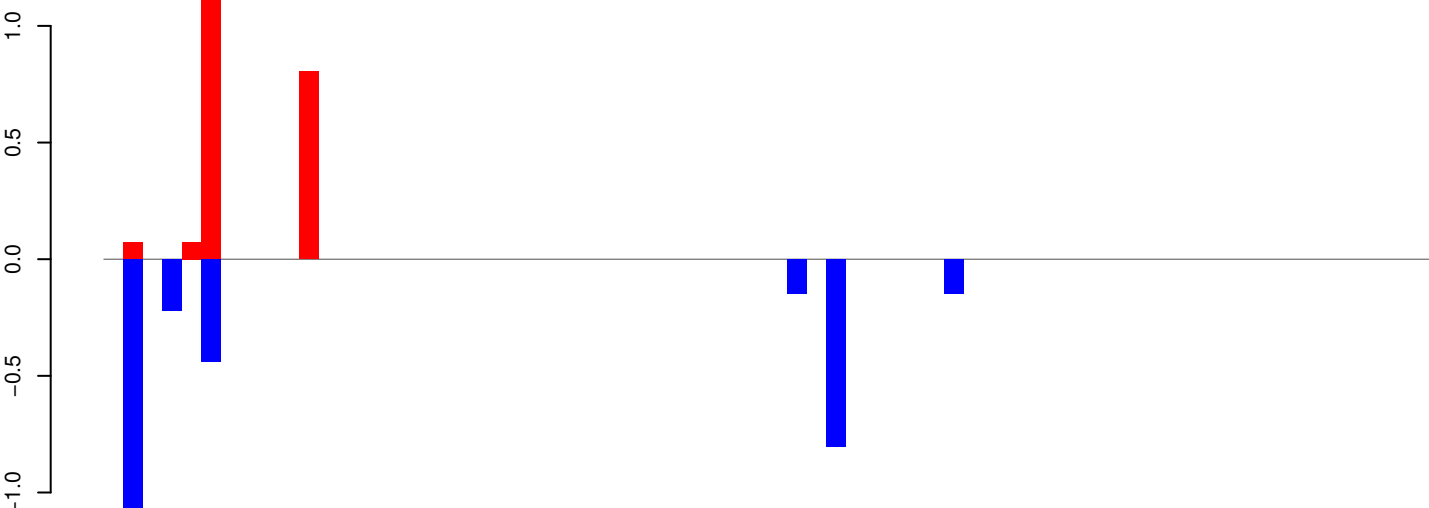


Window size=25, length=1351, TE@R=450-UNKNOWN:1-1351

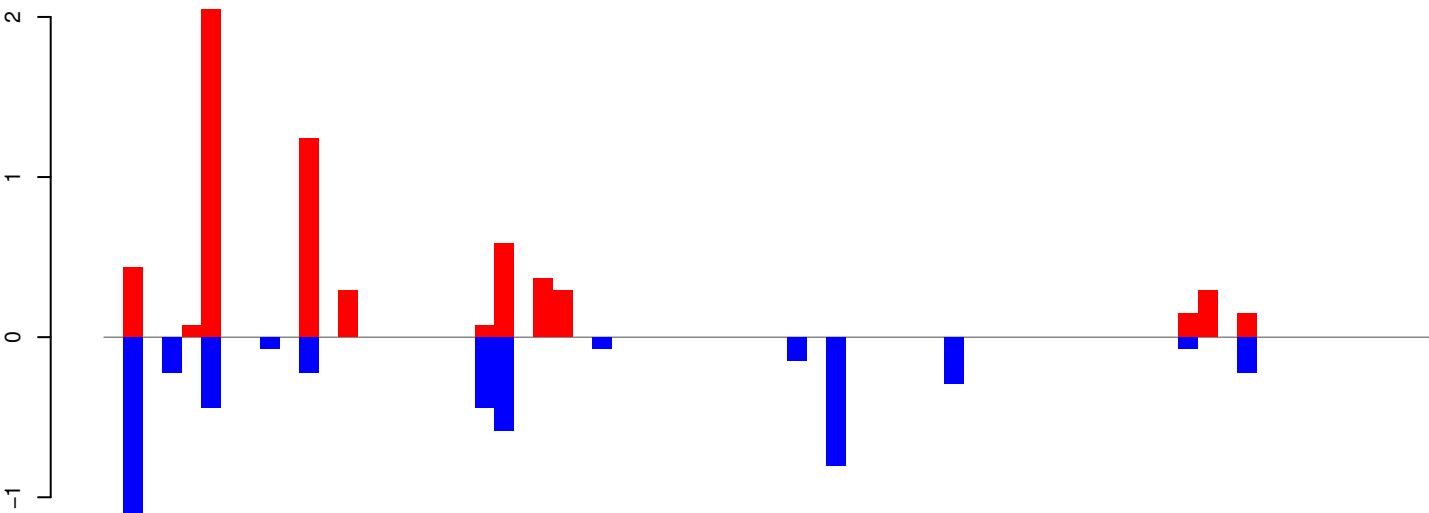
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



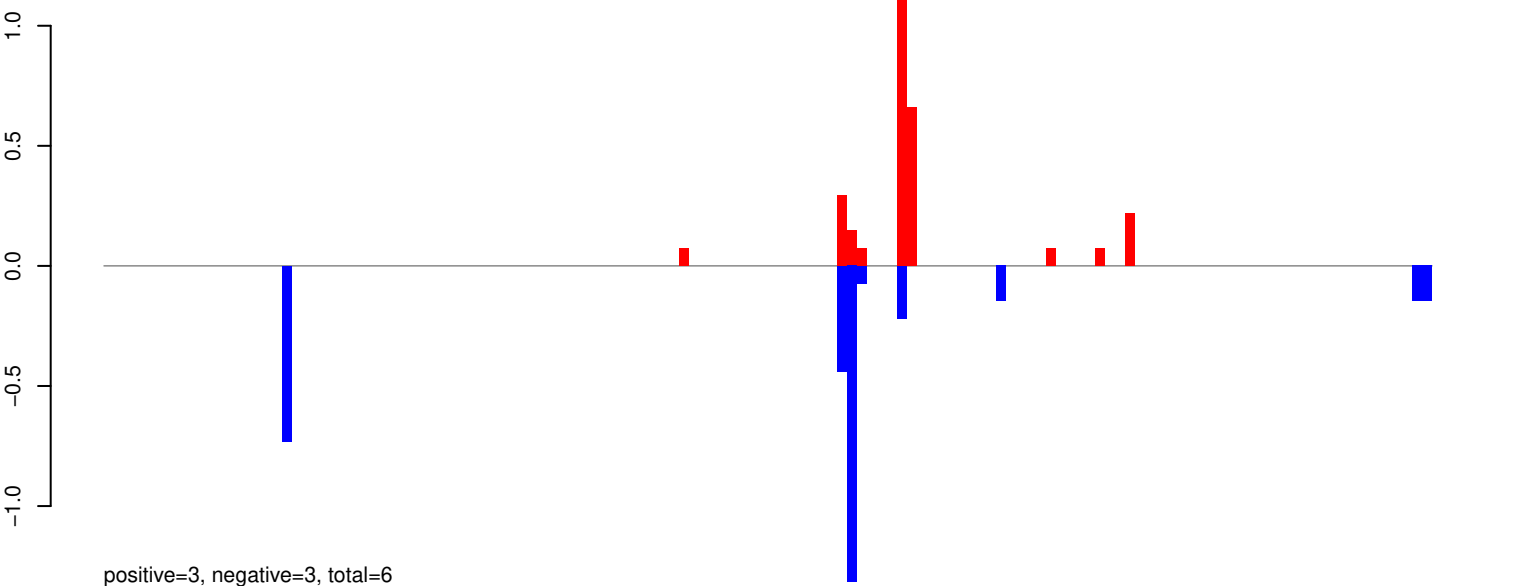
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



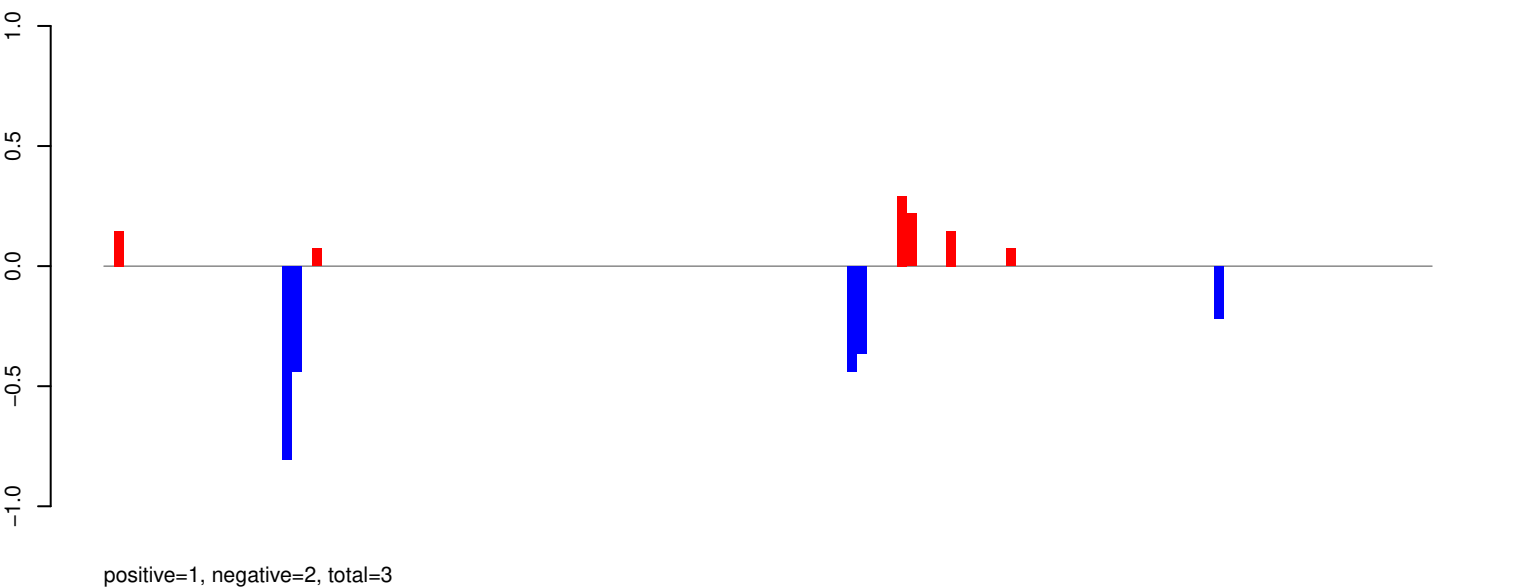
Window size=25, length=1694, TE@R=1330-UNKNOWN:1-1694

0 500 1000 1500

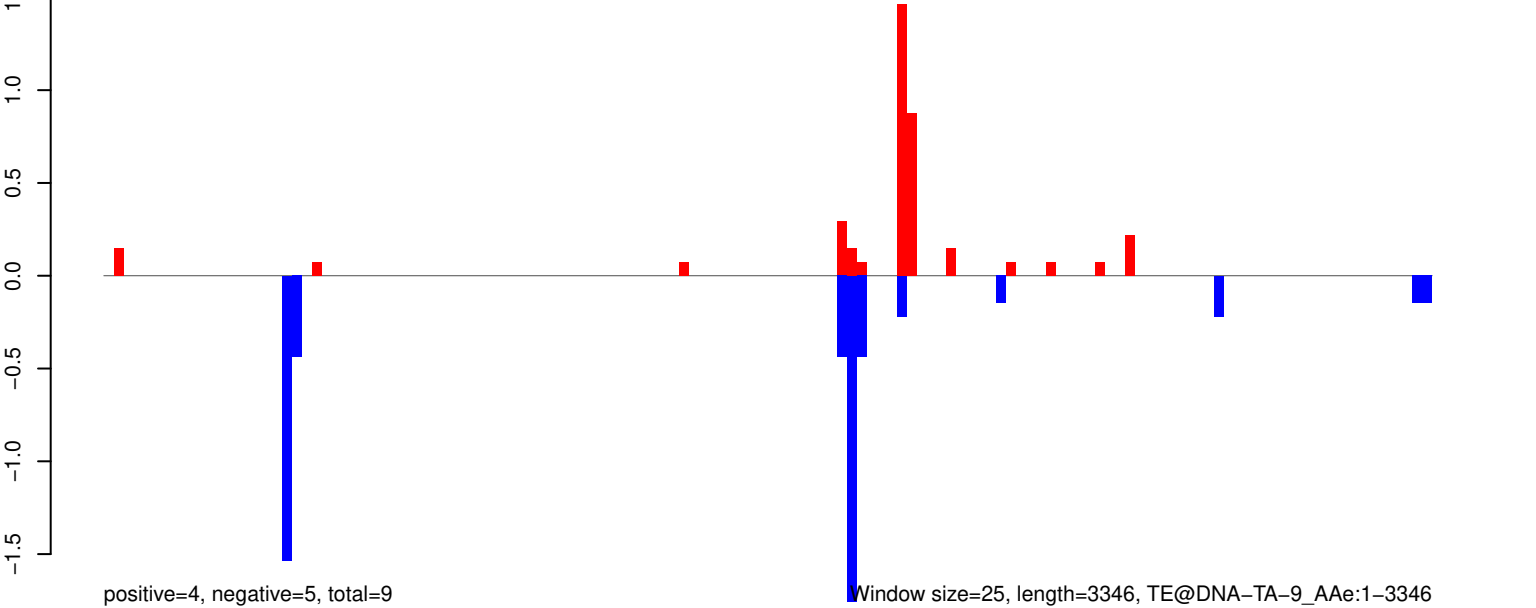
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



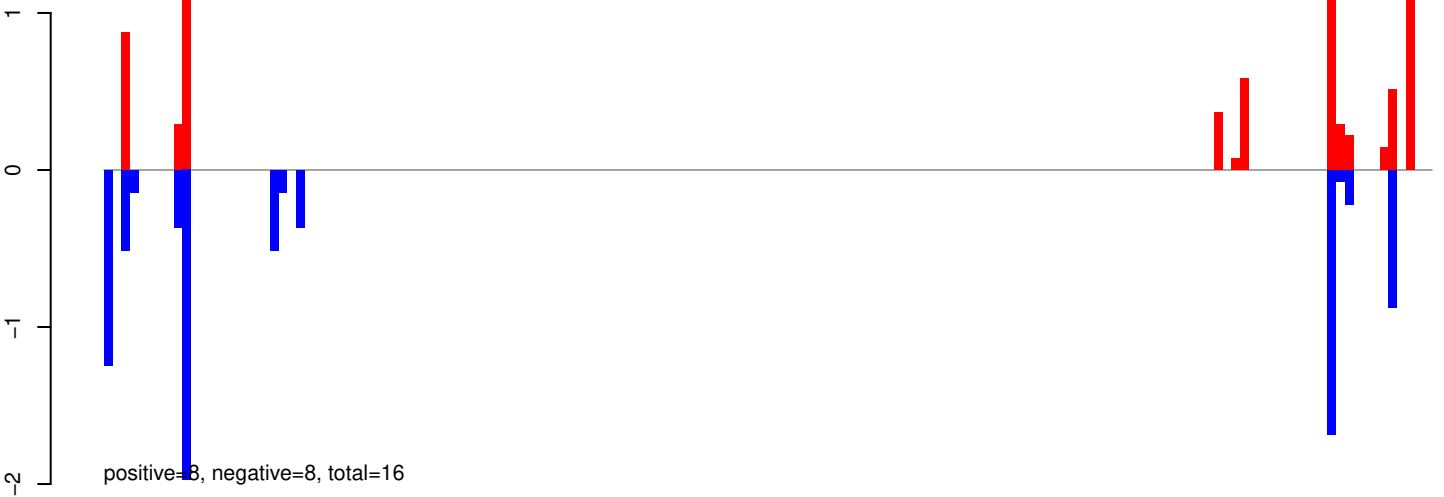
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



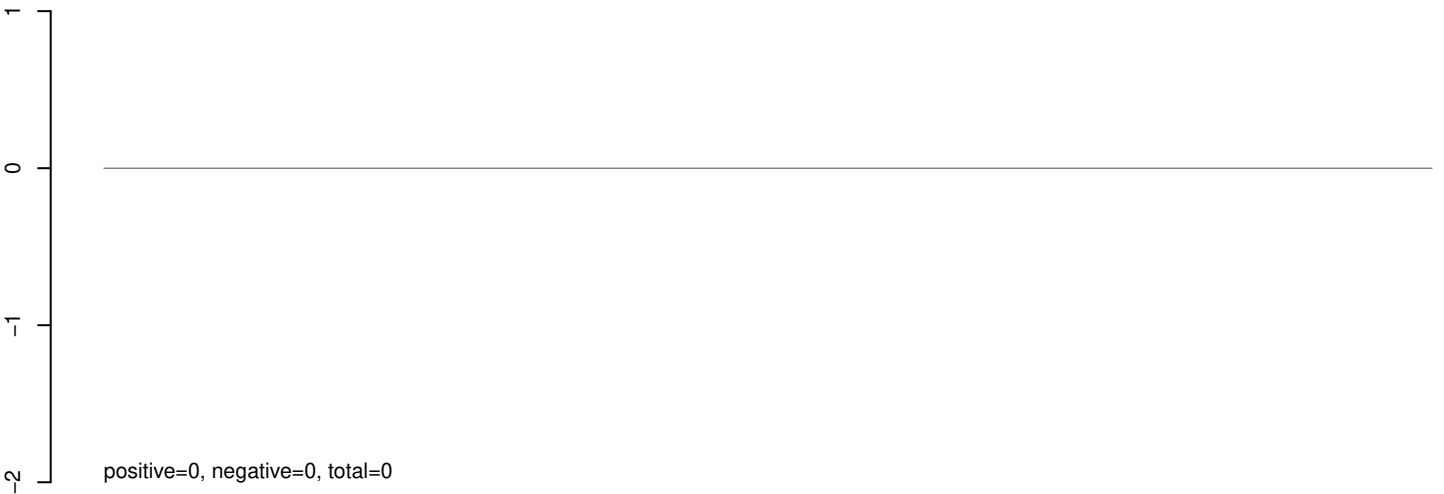
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

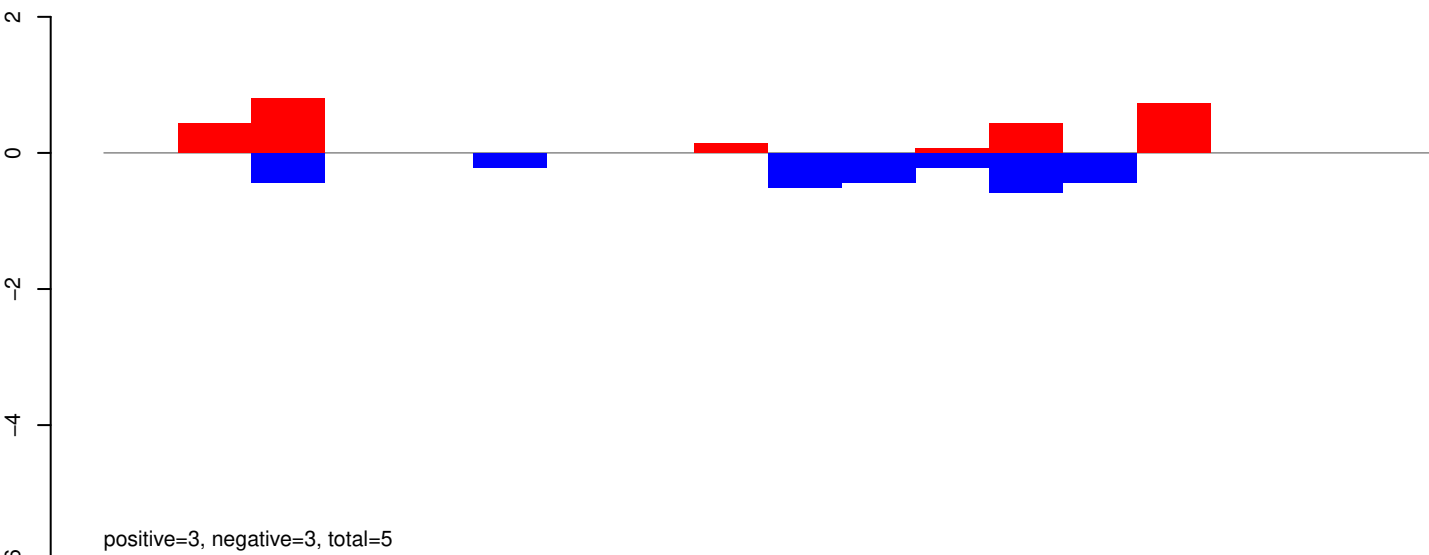


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

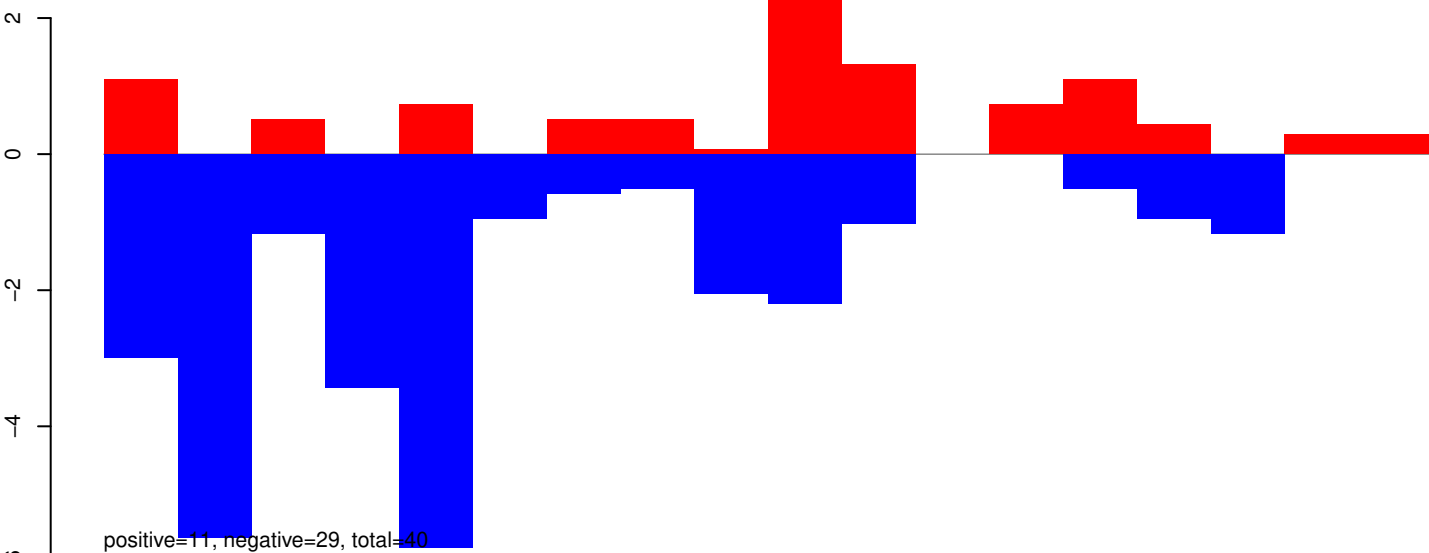




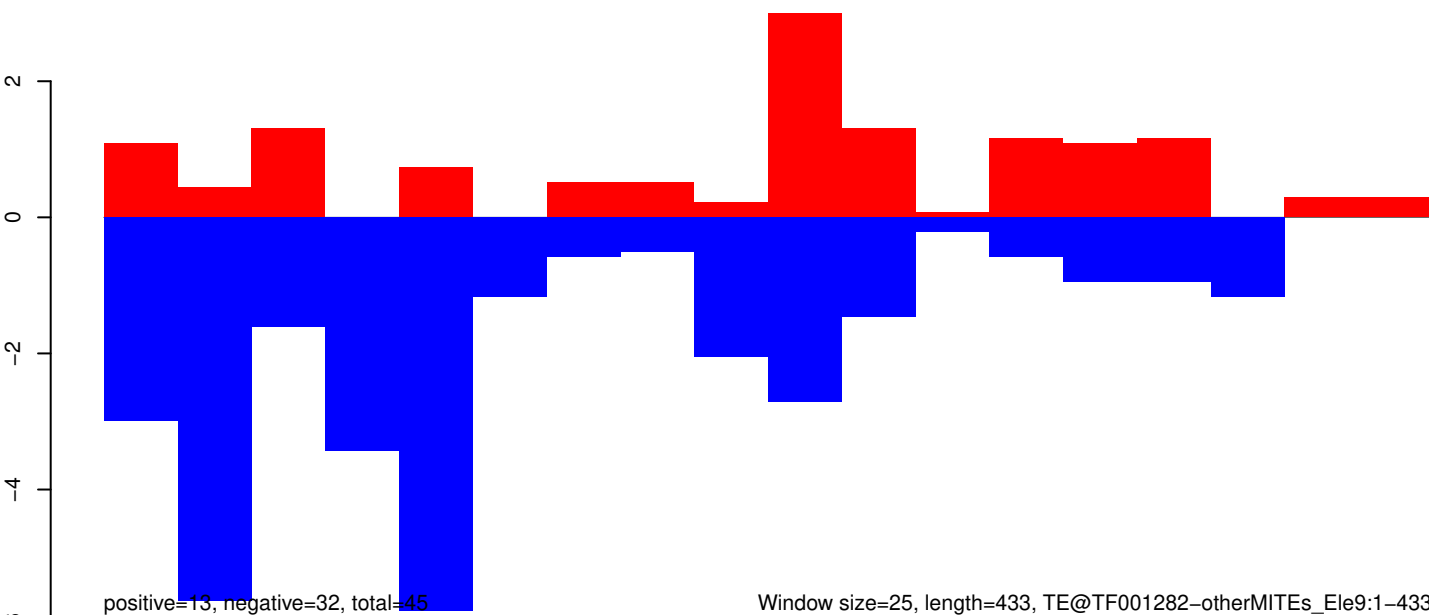
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

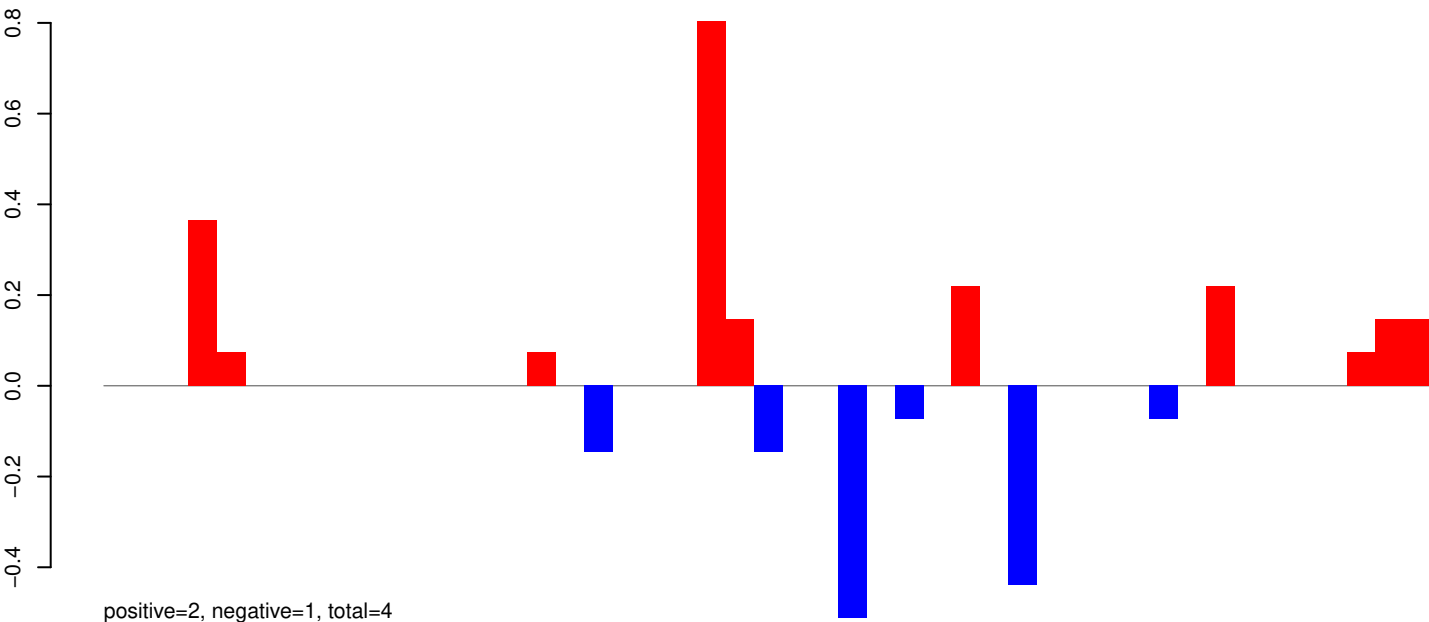


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

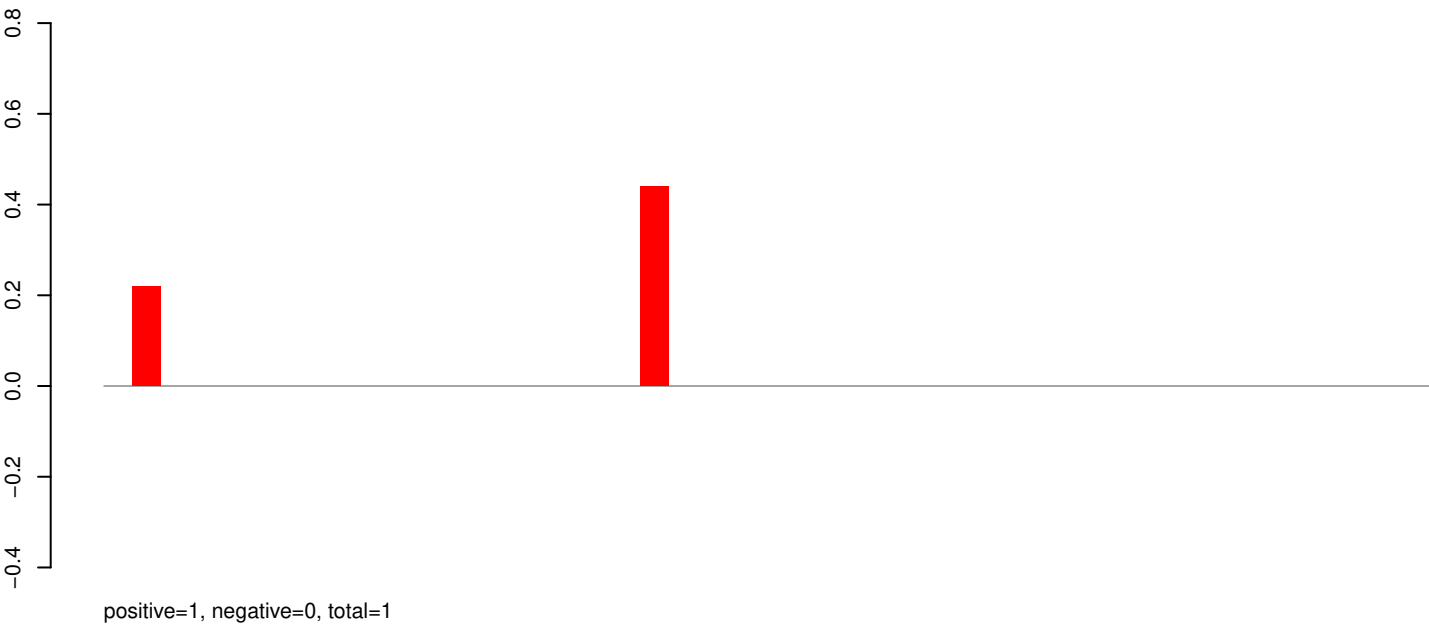


Window size=25, length=433, TE@TF001282-otherMITEs\_Ele9:1-433

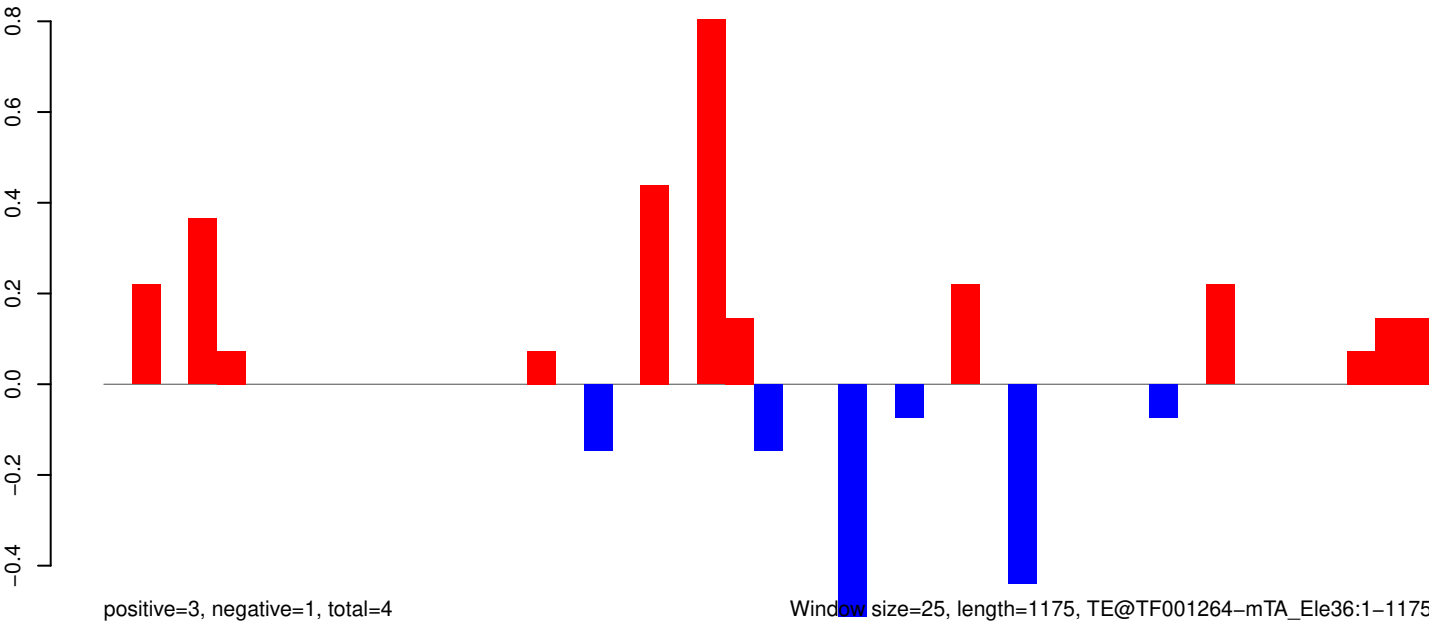
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

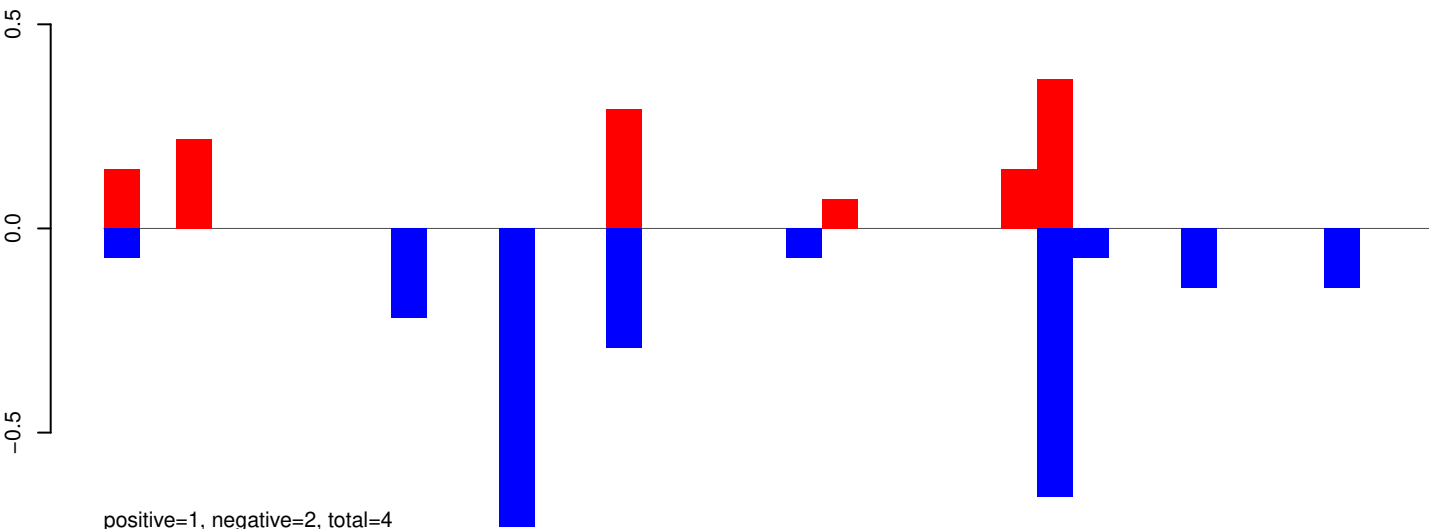


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

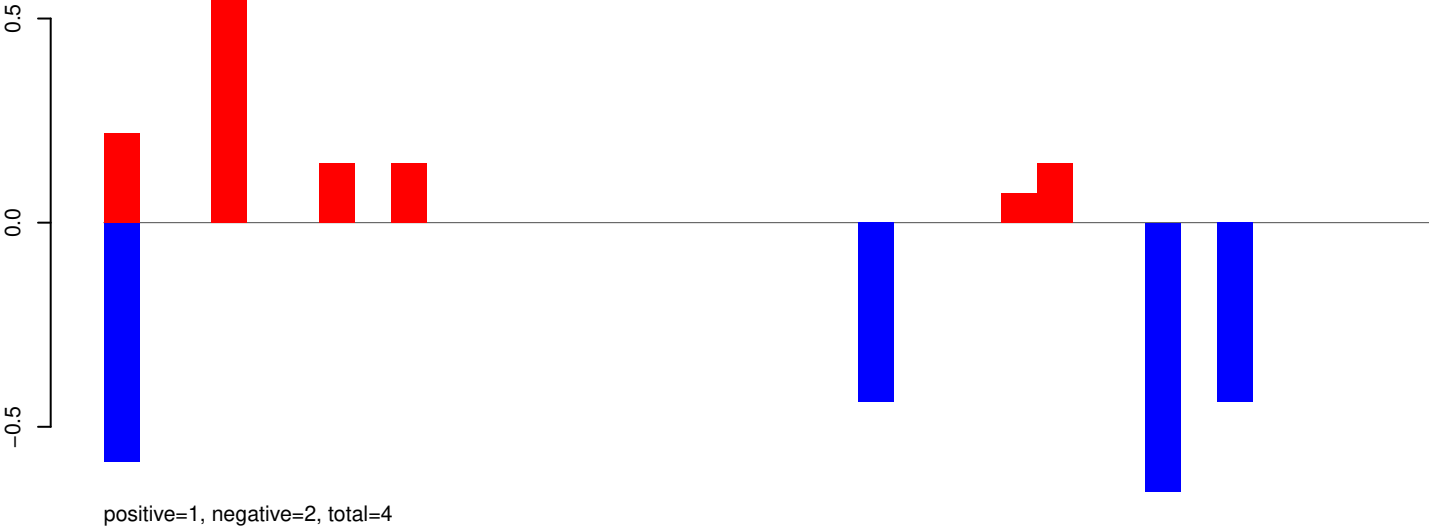


Window size=25, length=1175, TE@TF001264-mTA\_Ele36:1-1175

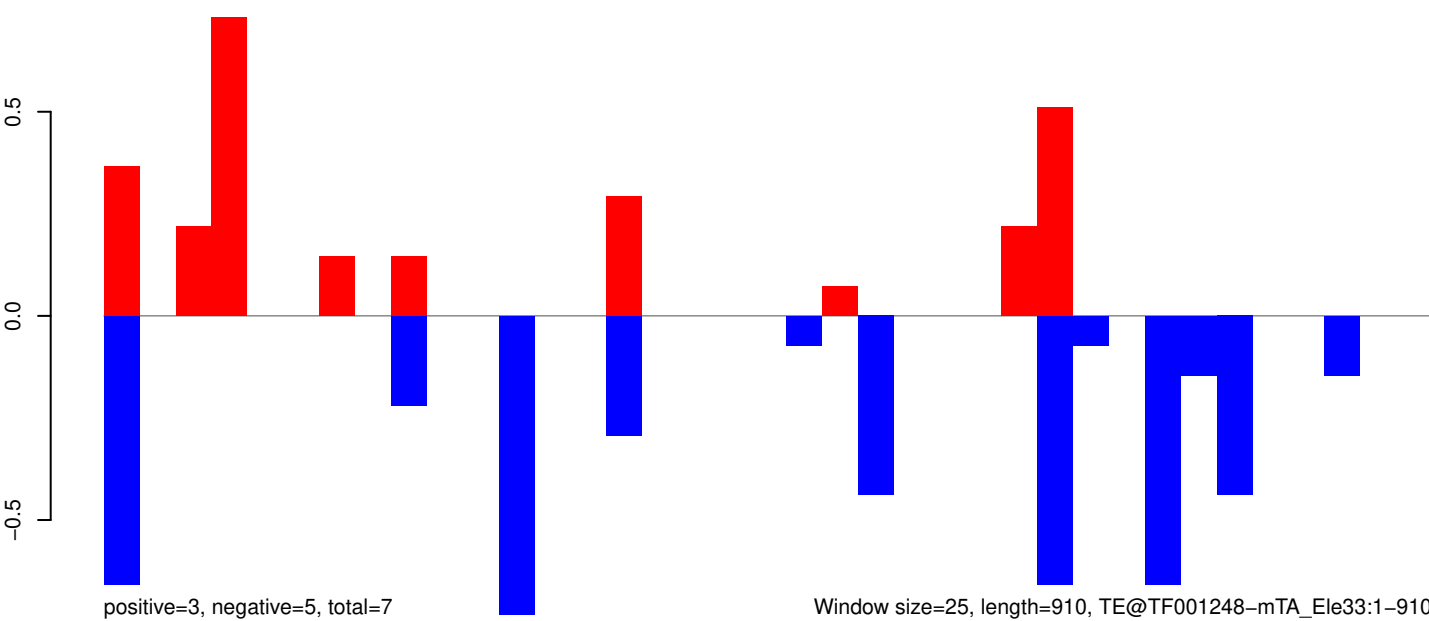
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

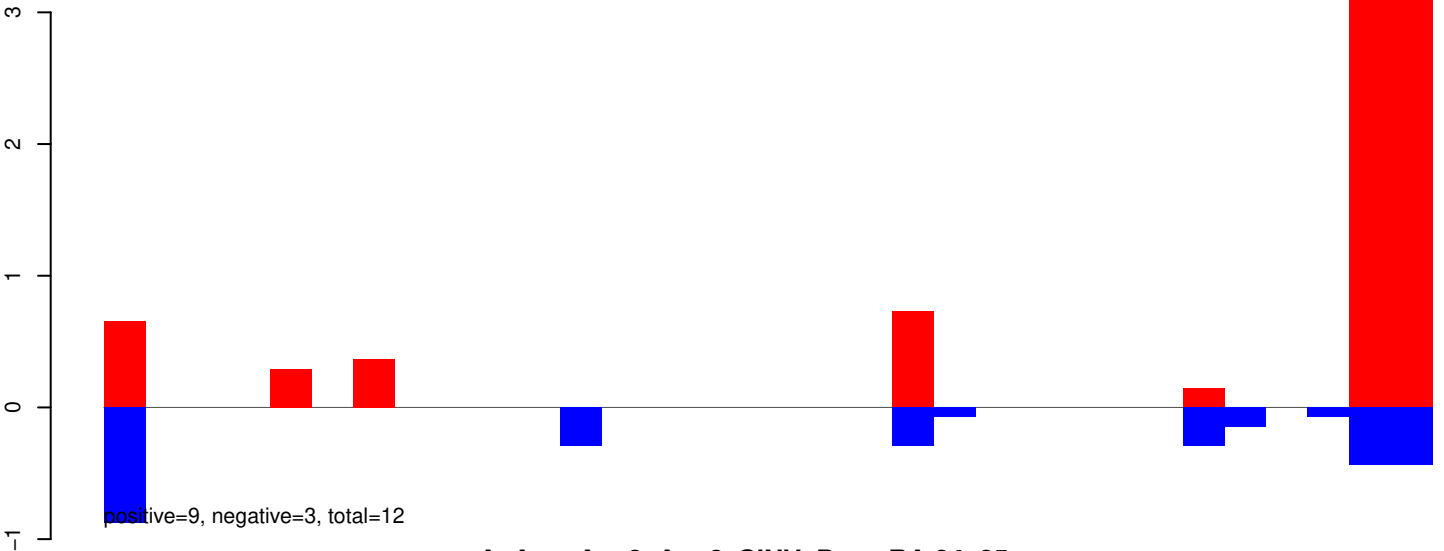


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

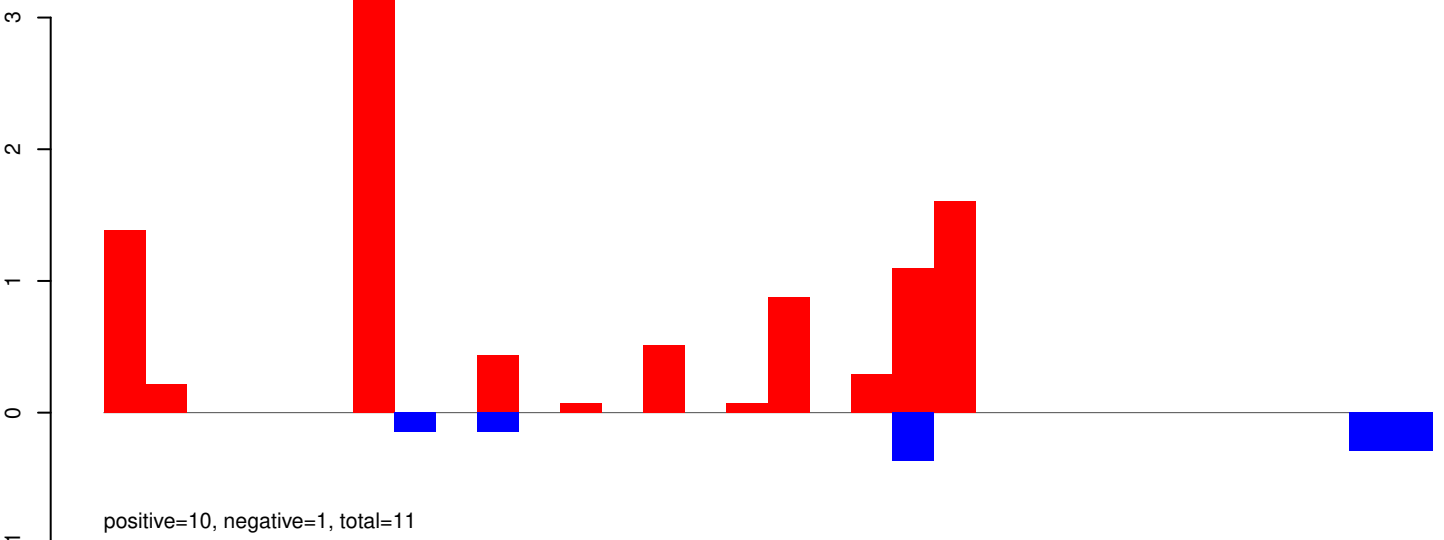


Window size=25, length=910, TE@TF001248-mTA\_Ele33:1-910

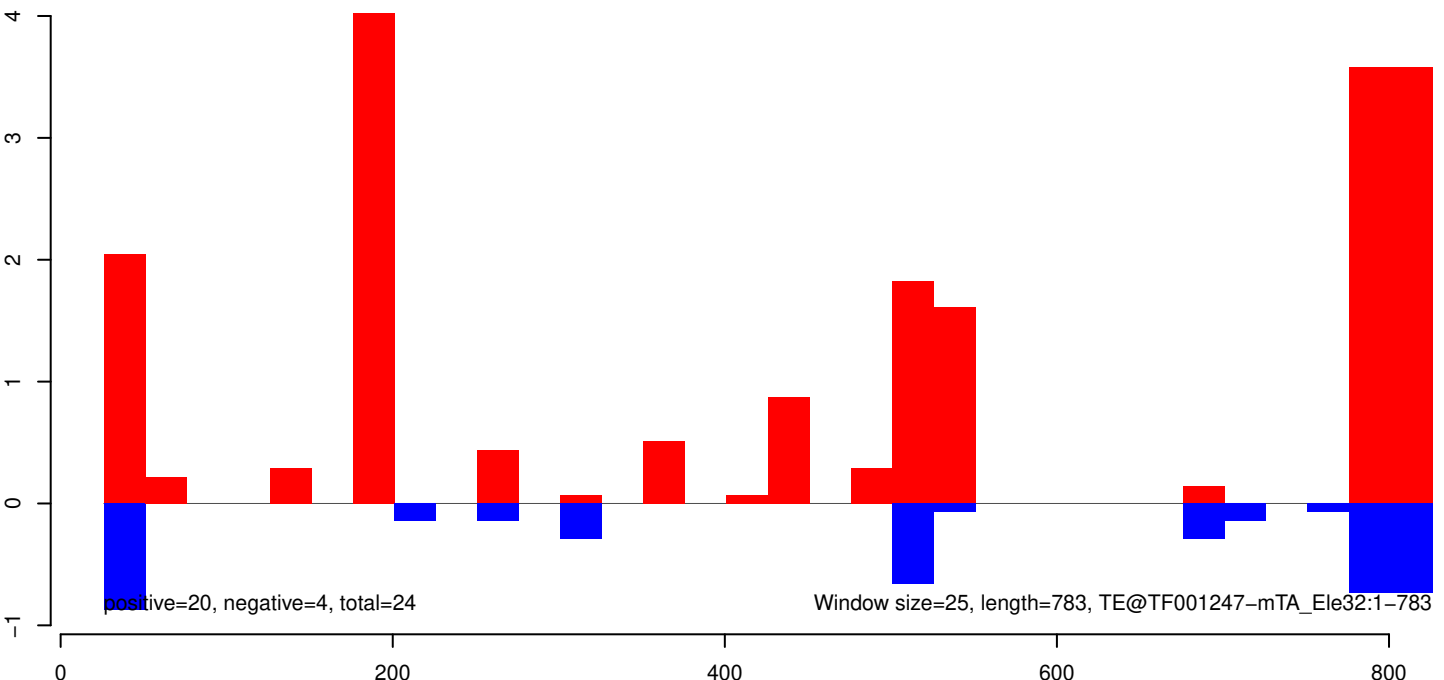
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



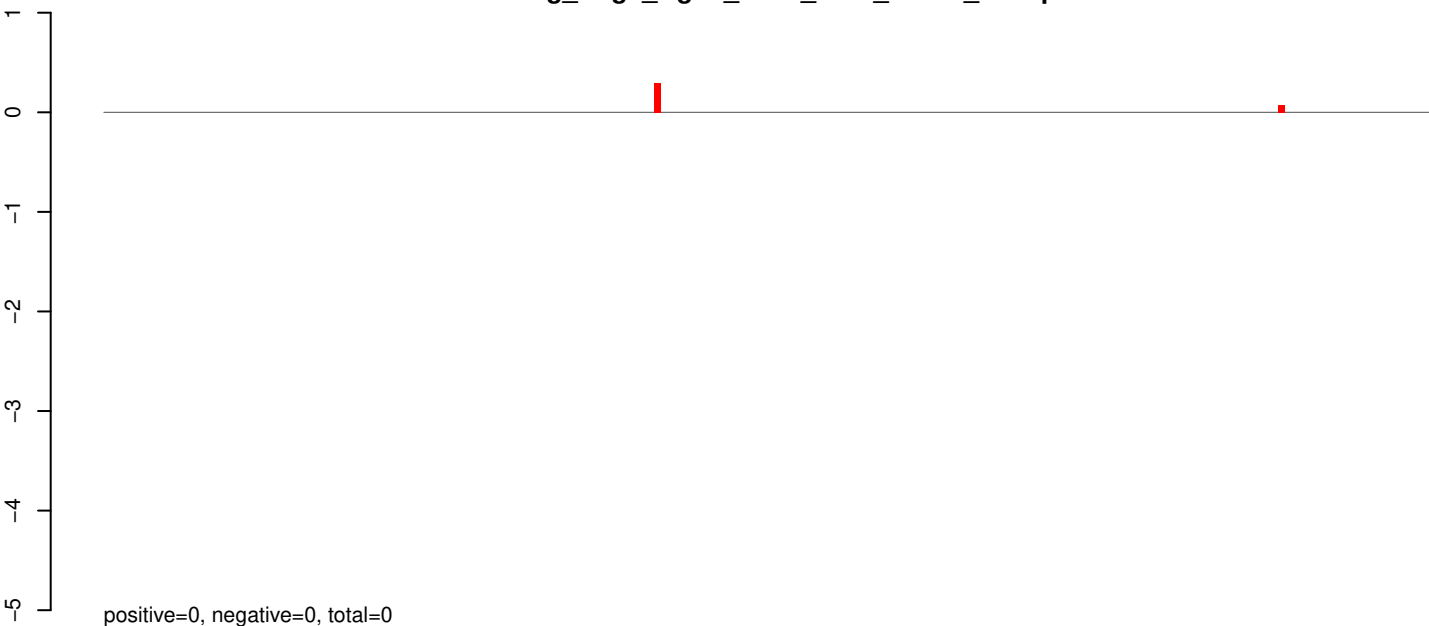
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



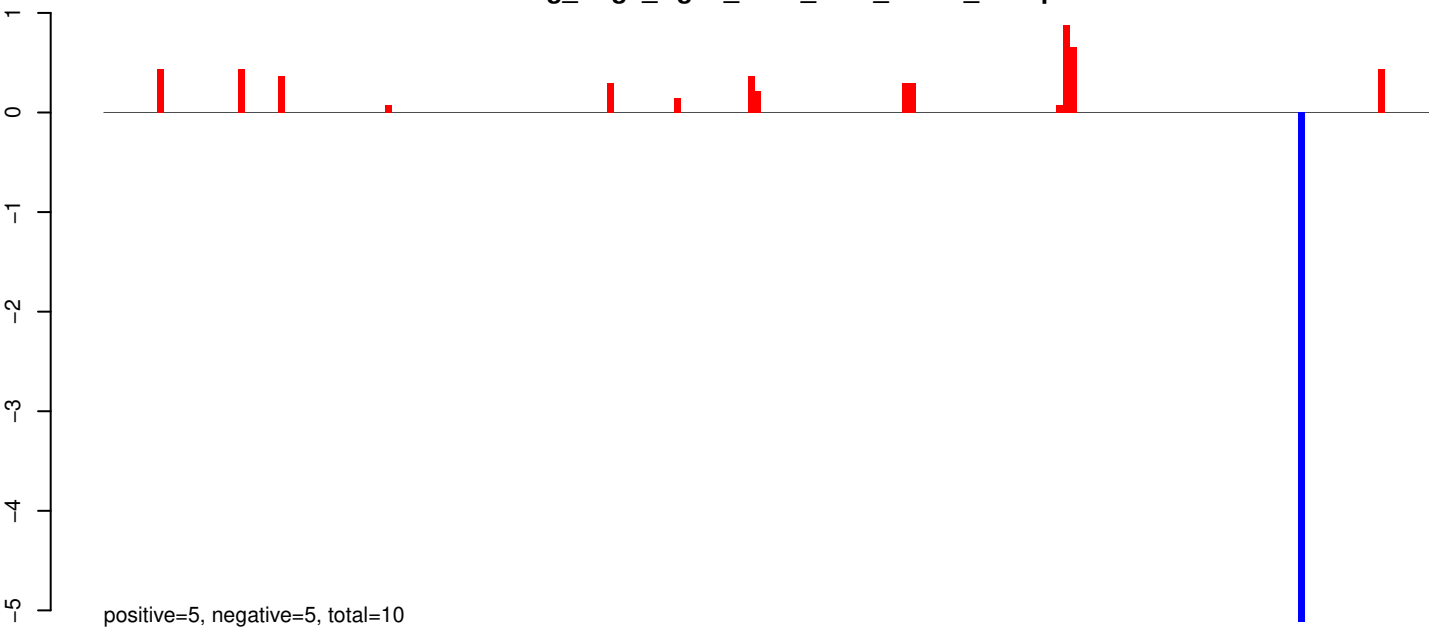
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



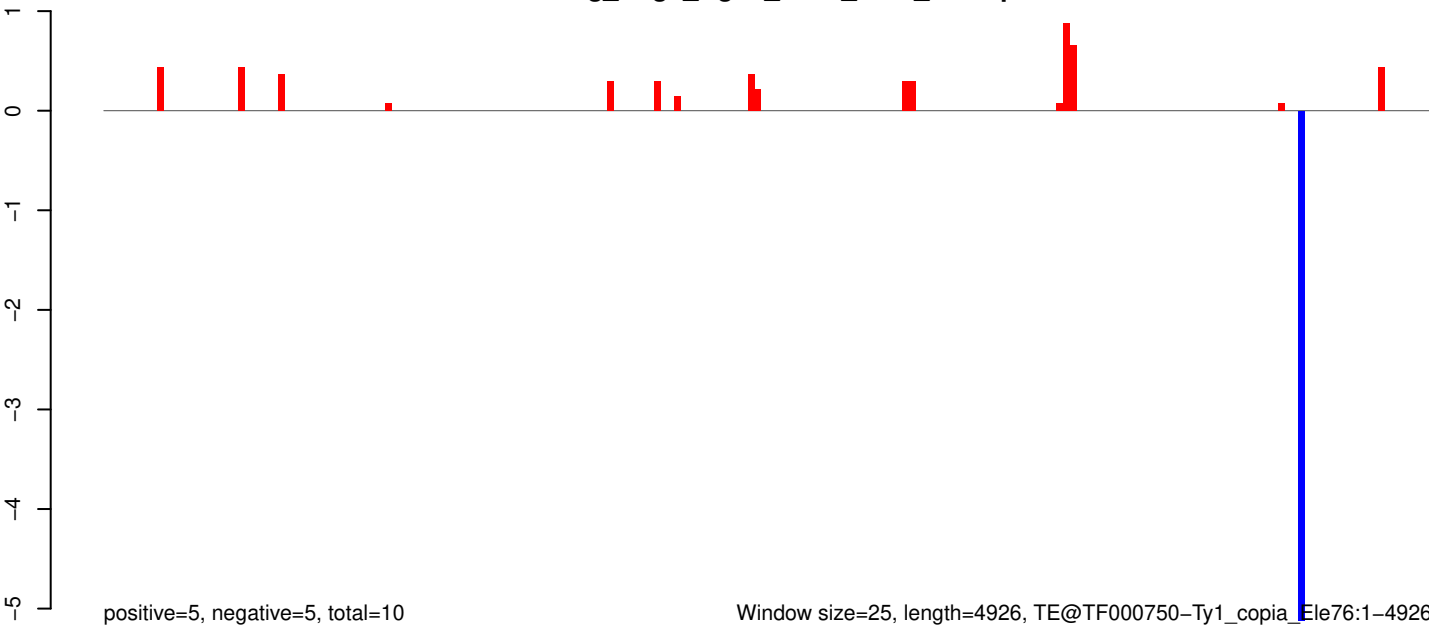
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



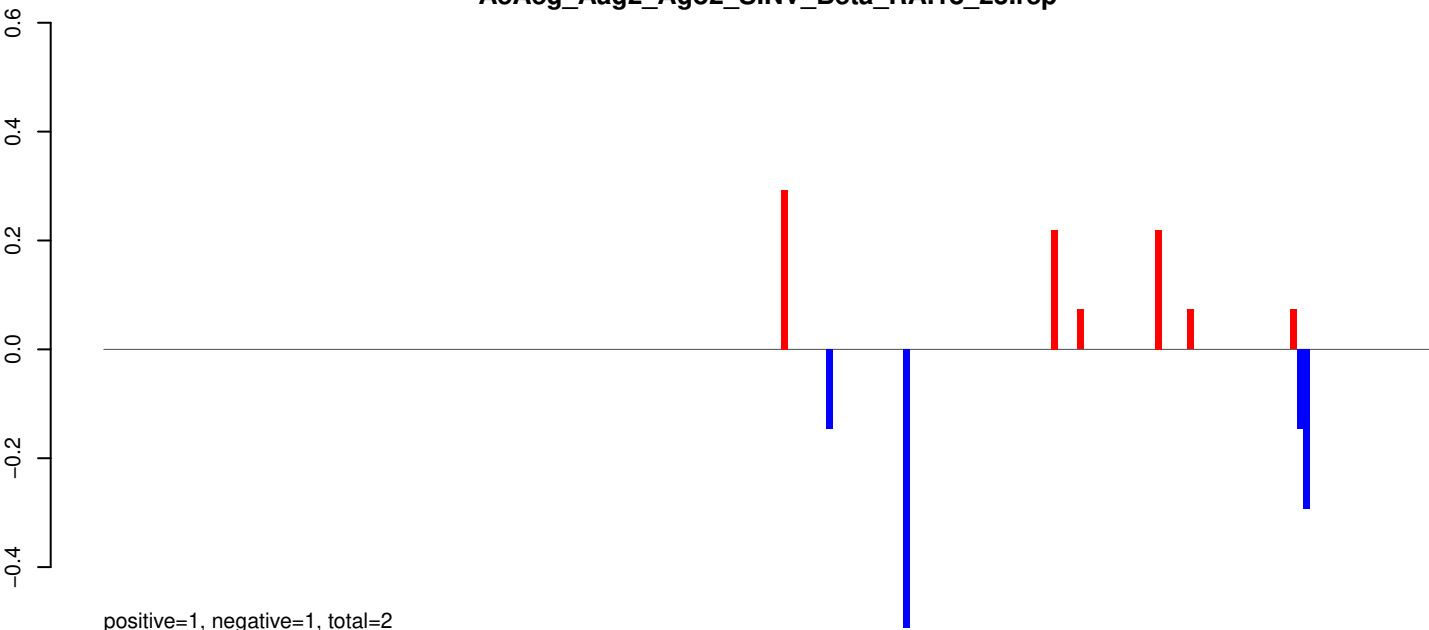
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



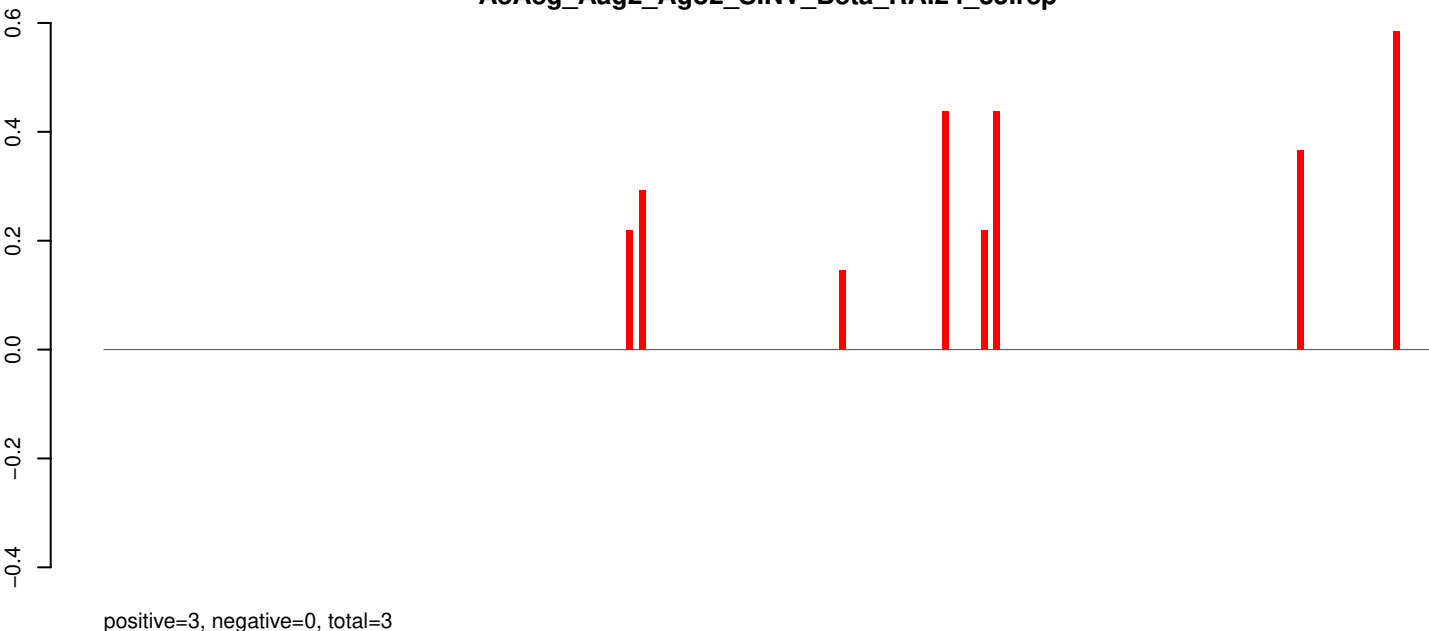
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



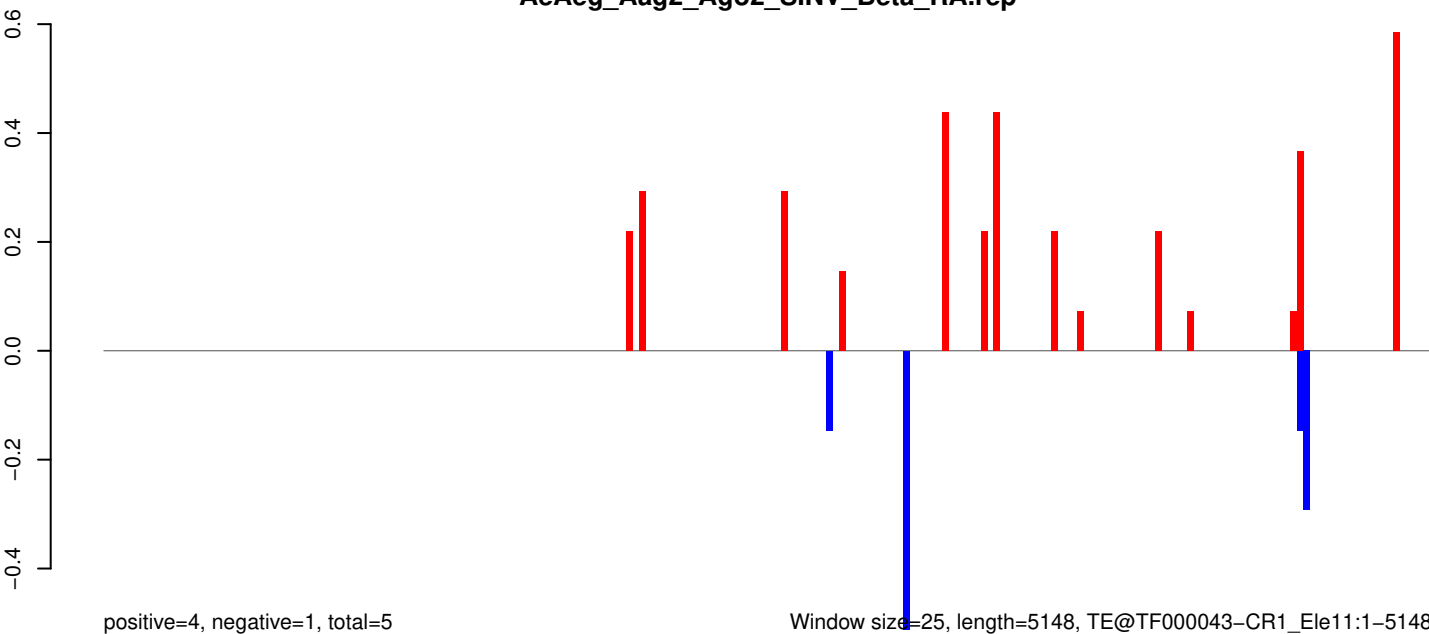
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

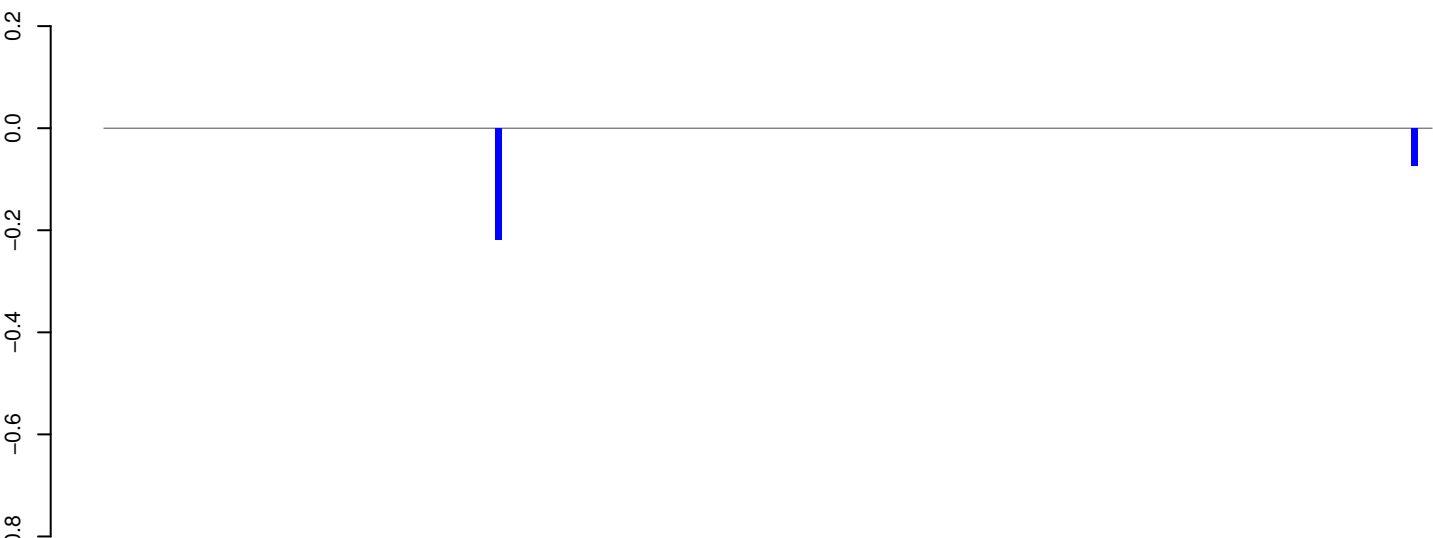


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=5148, TE@TF000043-CR1\_Ele11:1-5148

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



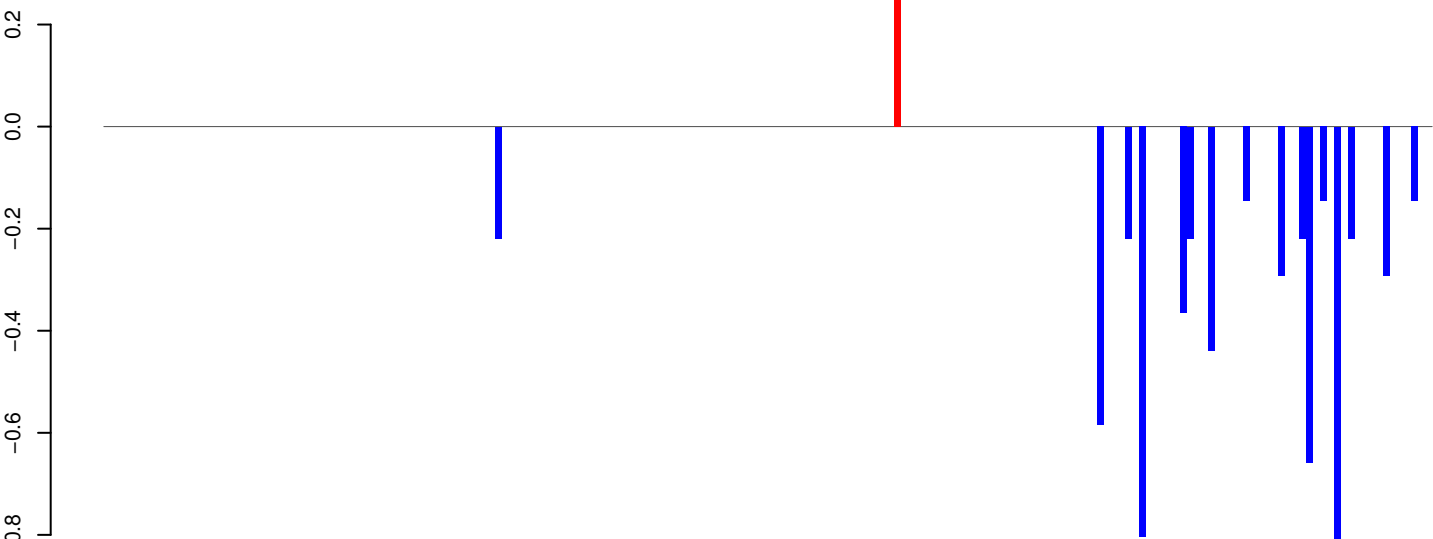
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=6, total=6

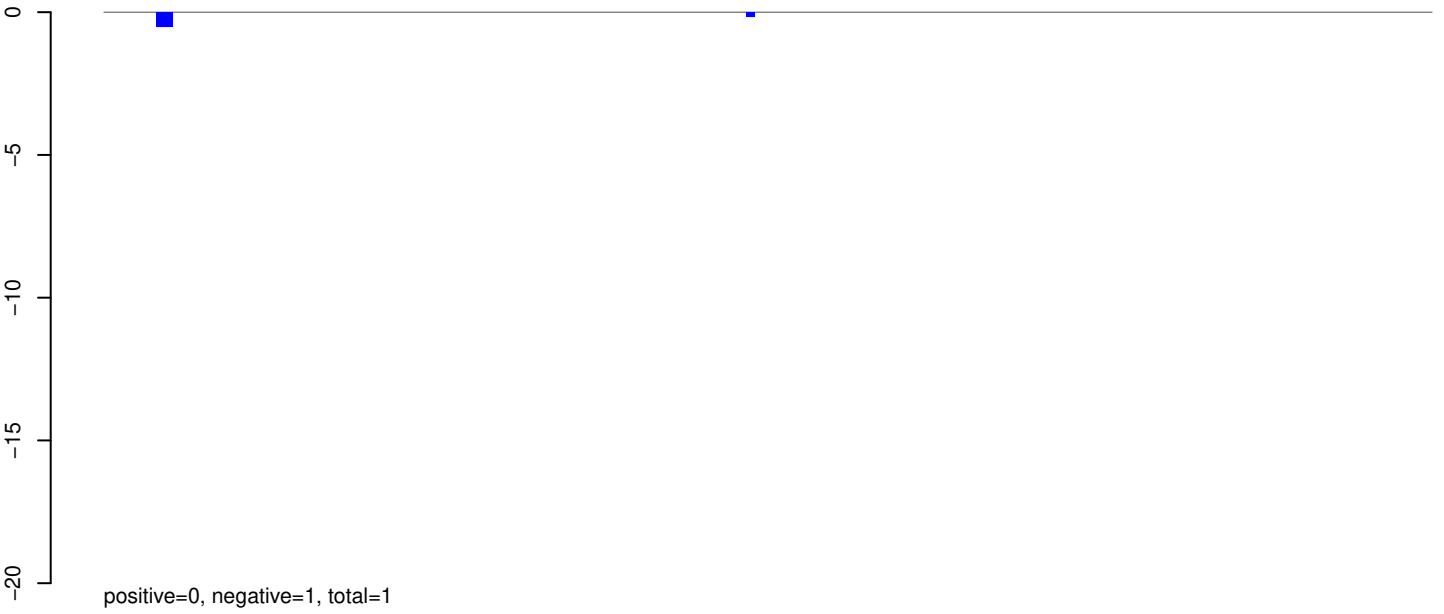
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



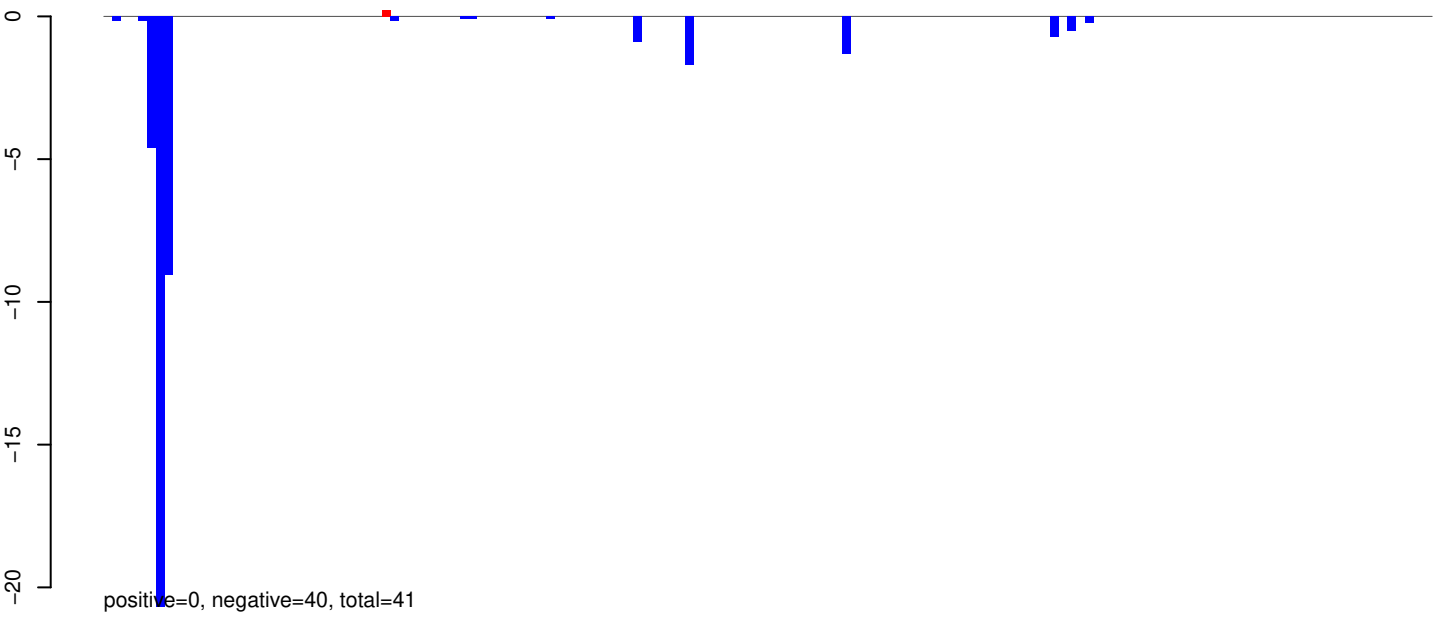
positive=0, negative=6, total=6

Window size=25, length=4747, TE@Kiri-6\_AAe:1-4747

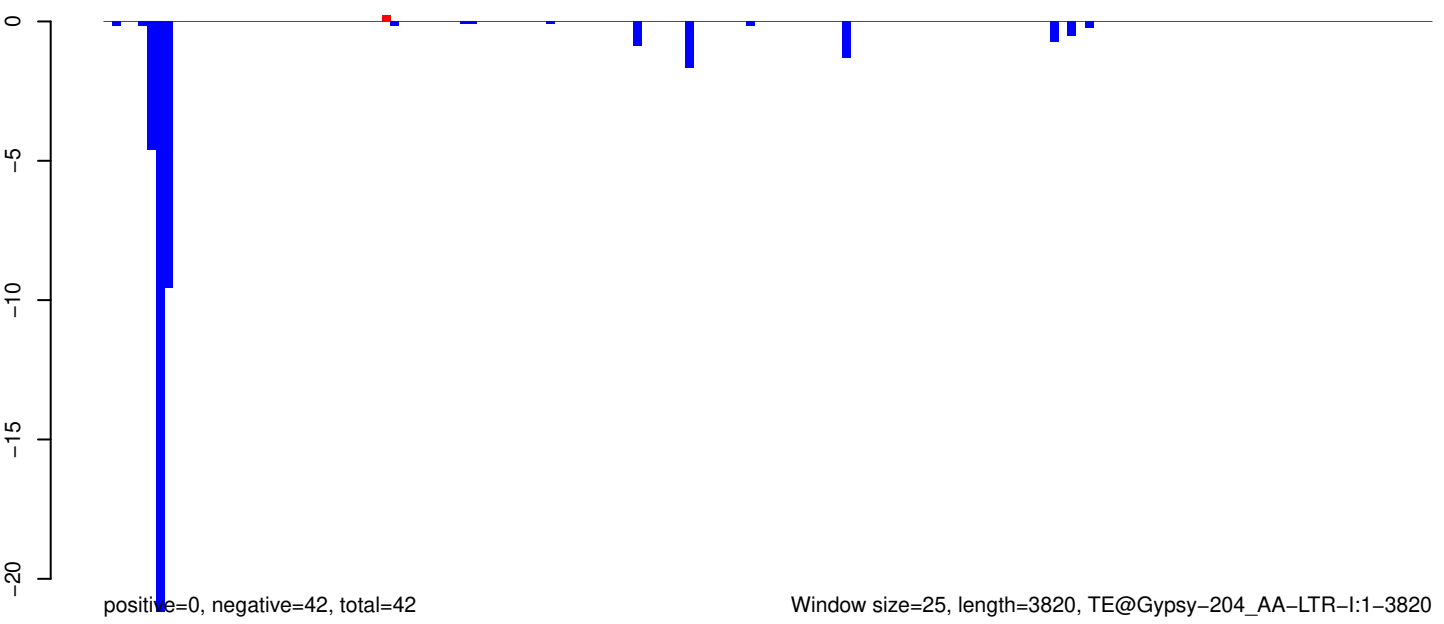
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



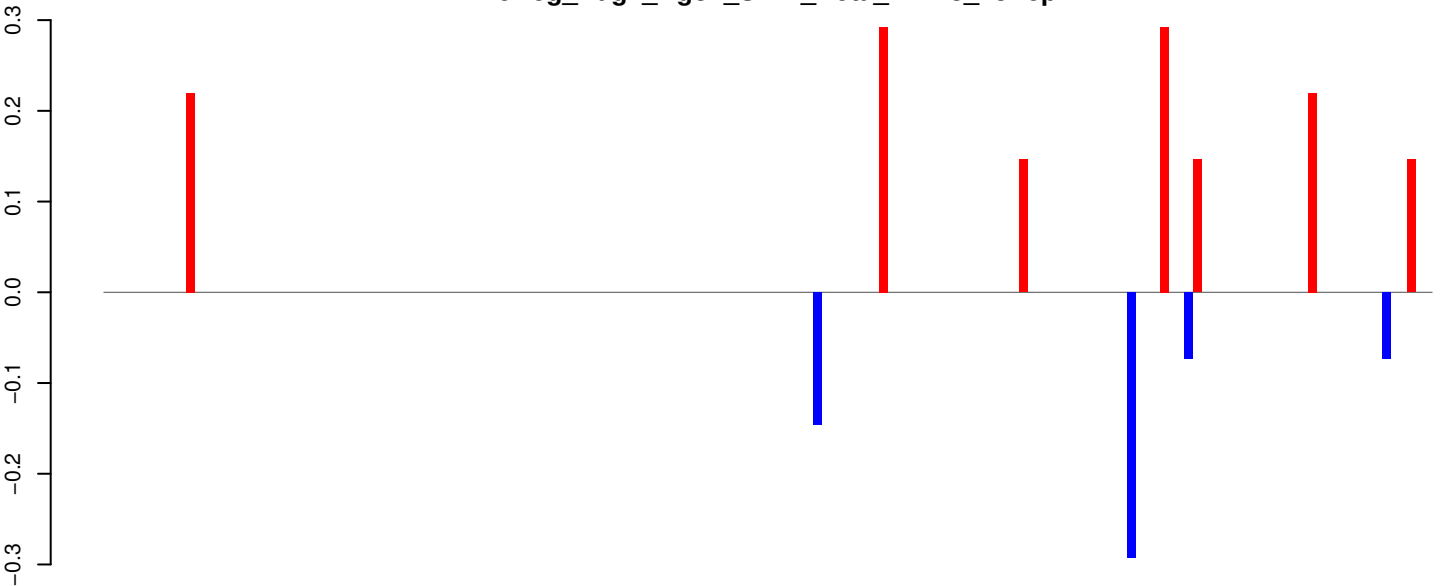
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=3820, TE@Gypsy-204\_AA-LTR-I:1-3820

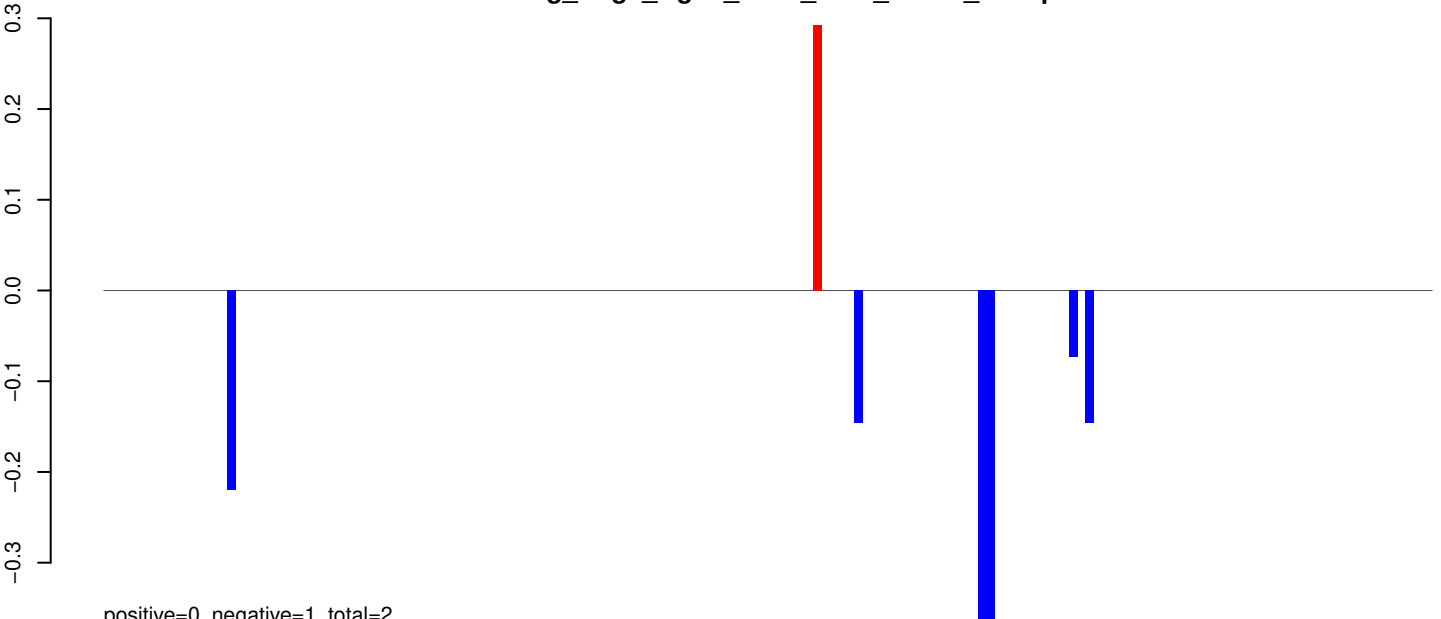


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



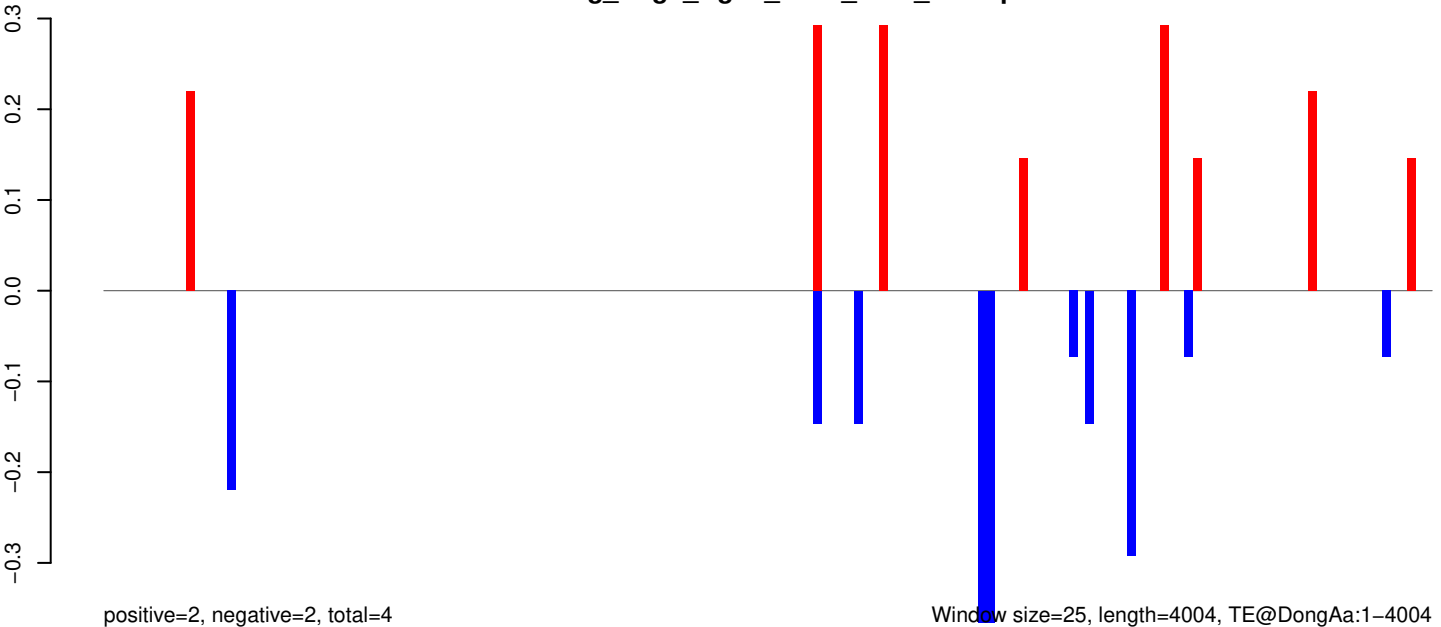
positive=1, negative=1, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=2

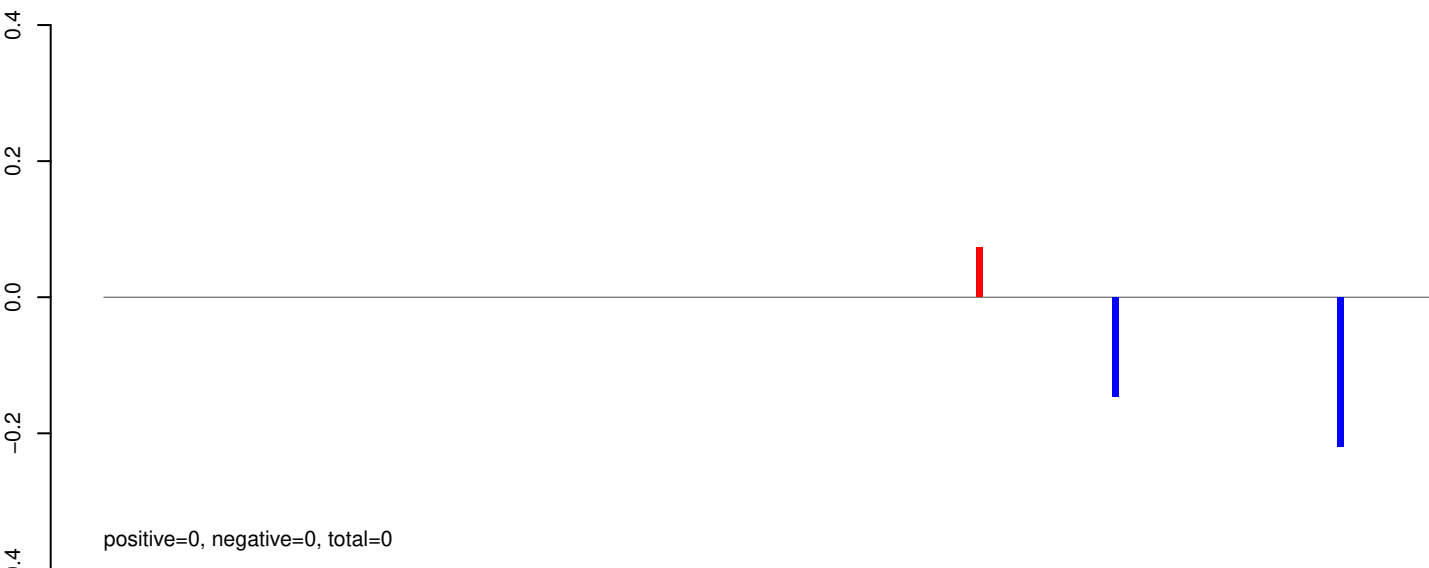
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



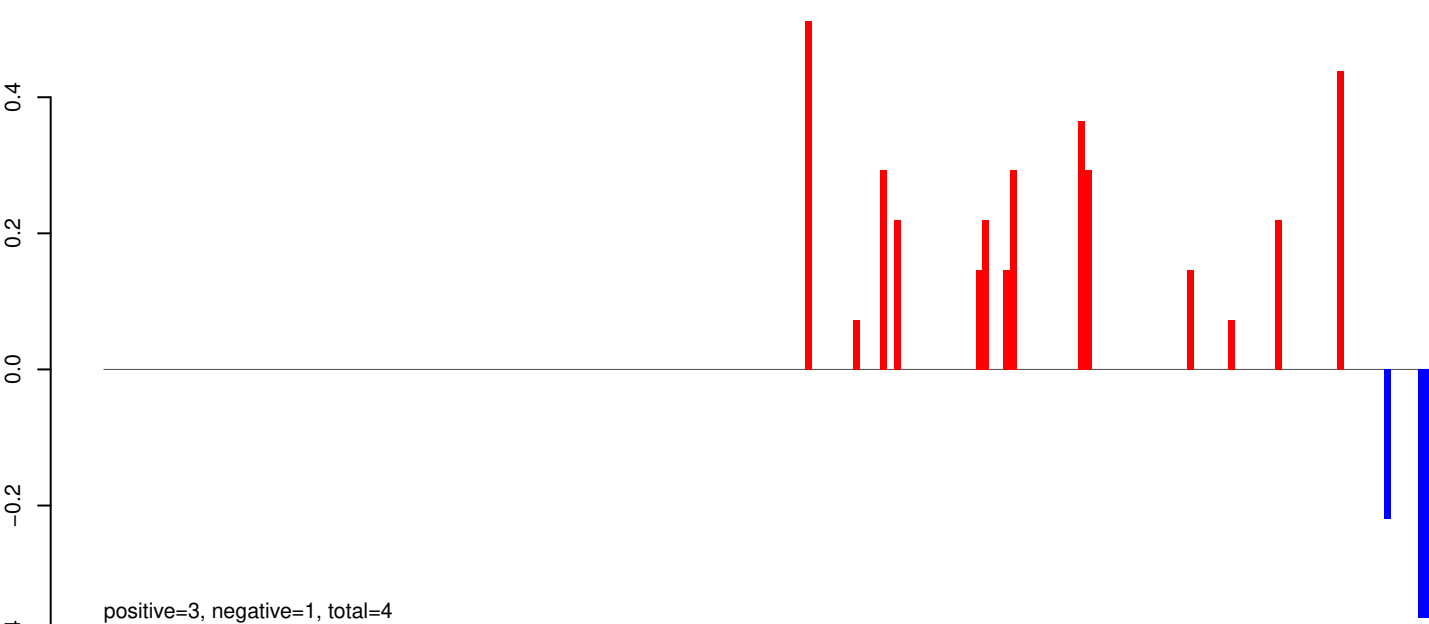
positive=2, negative=2, total=4

Window size=25, length=4004, TE@DongAa:1-4004

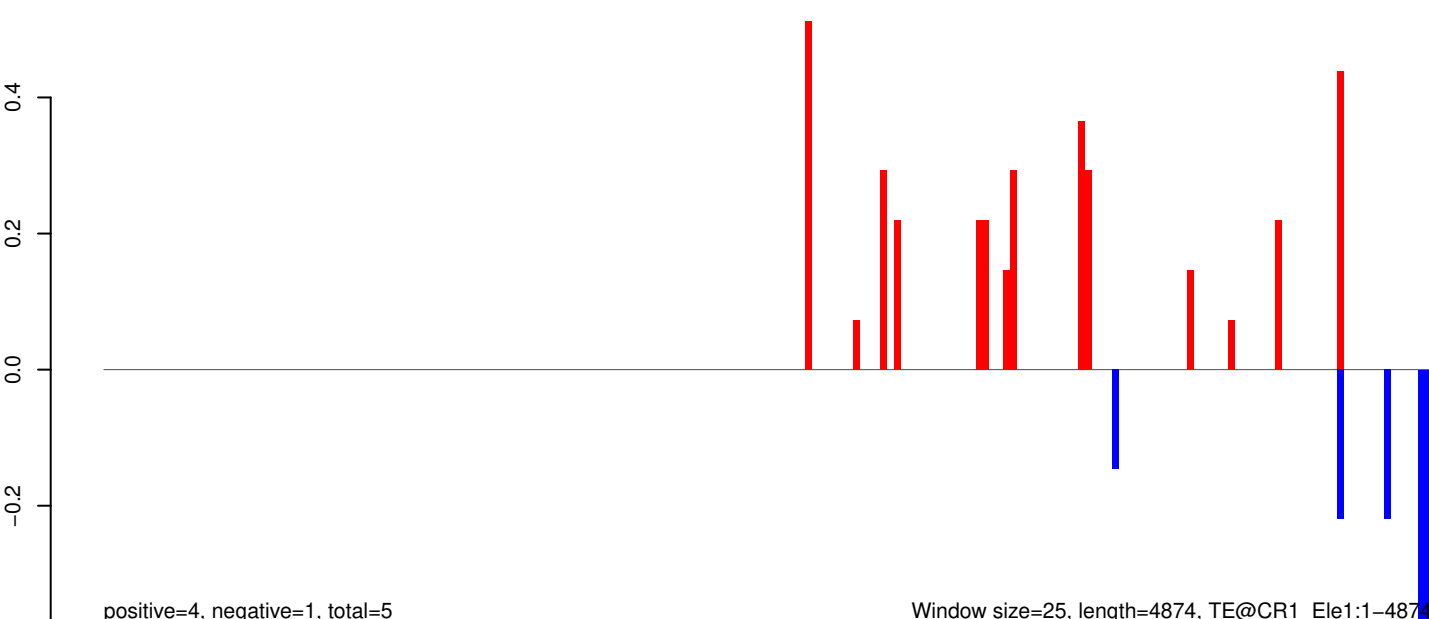
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



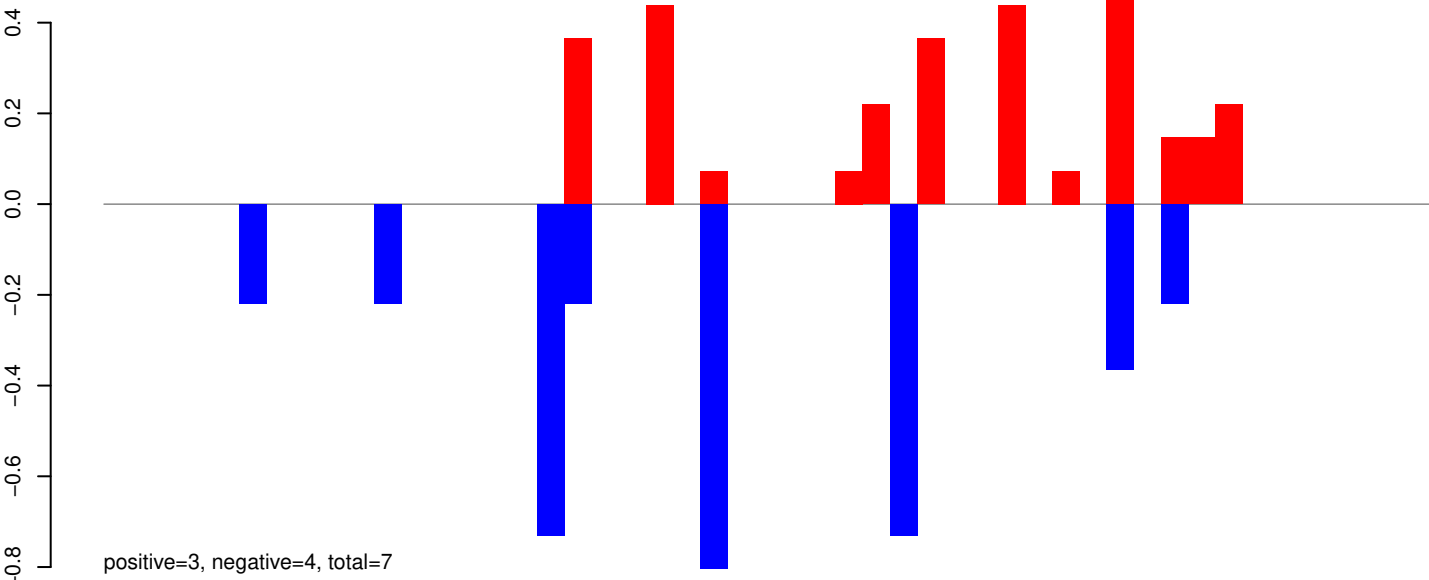
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



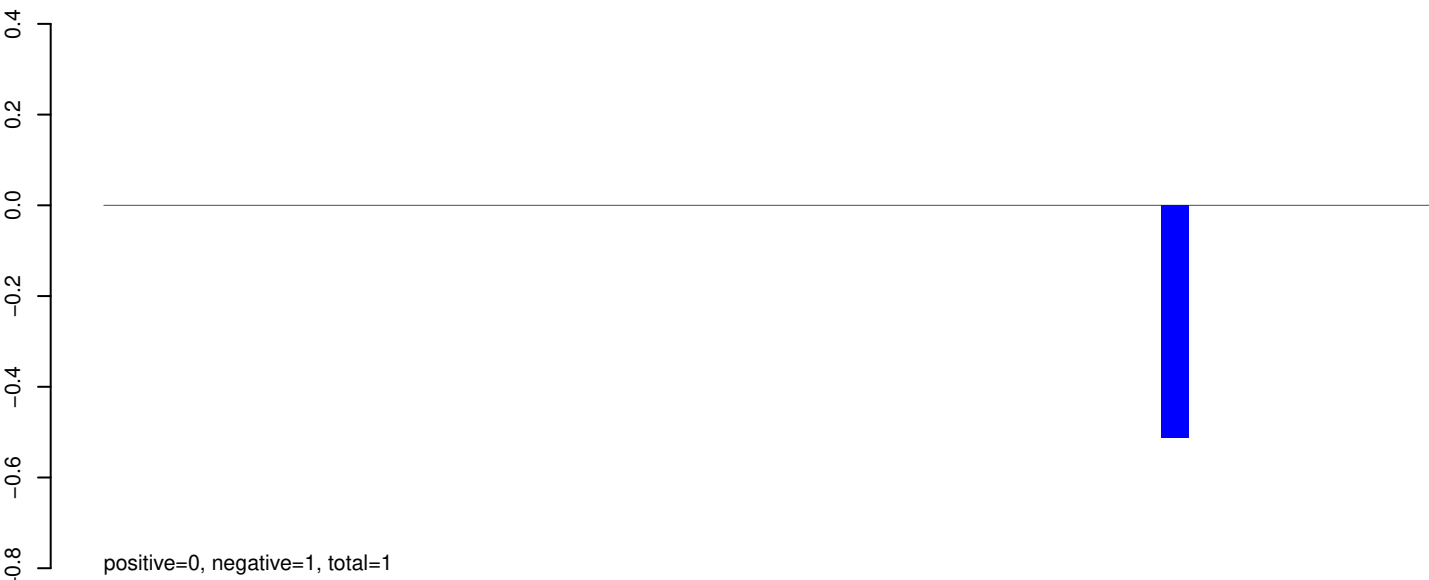
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



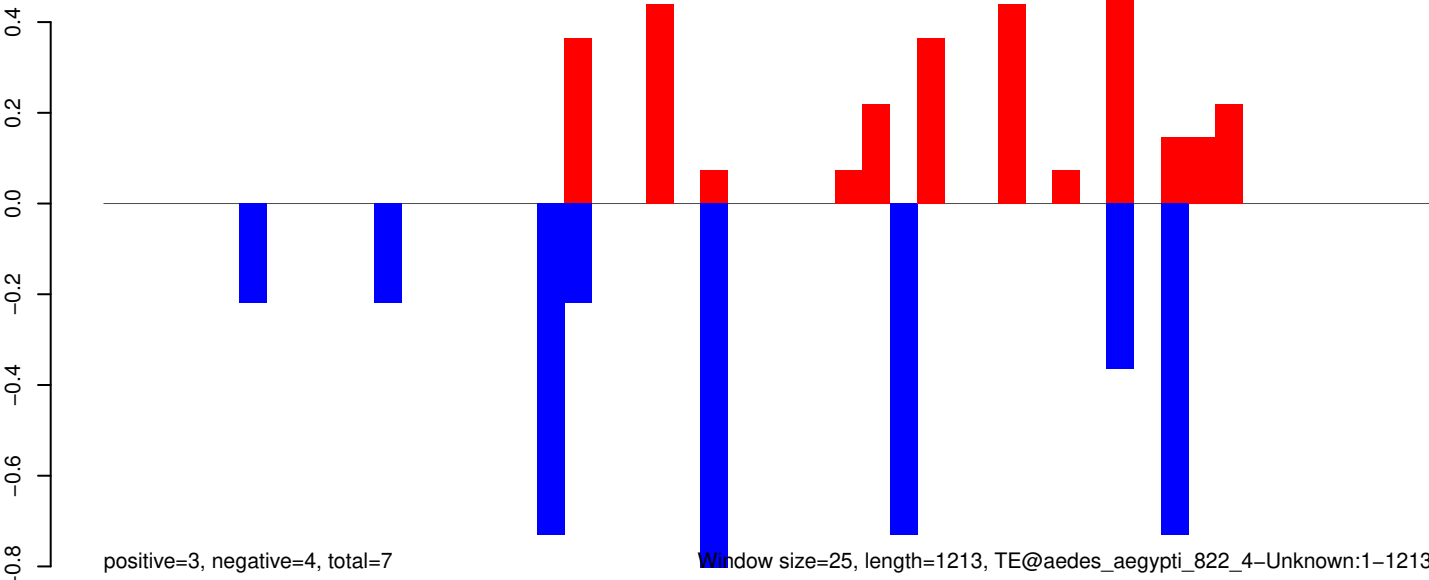
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

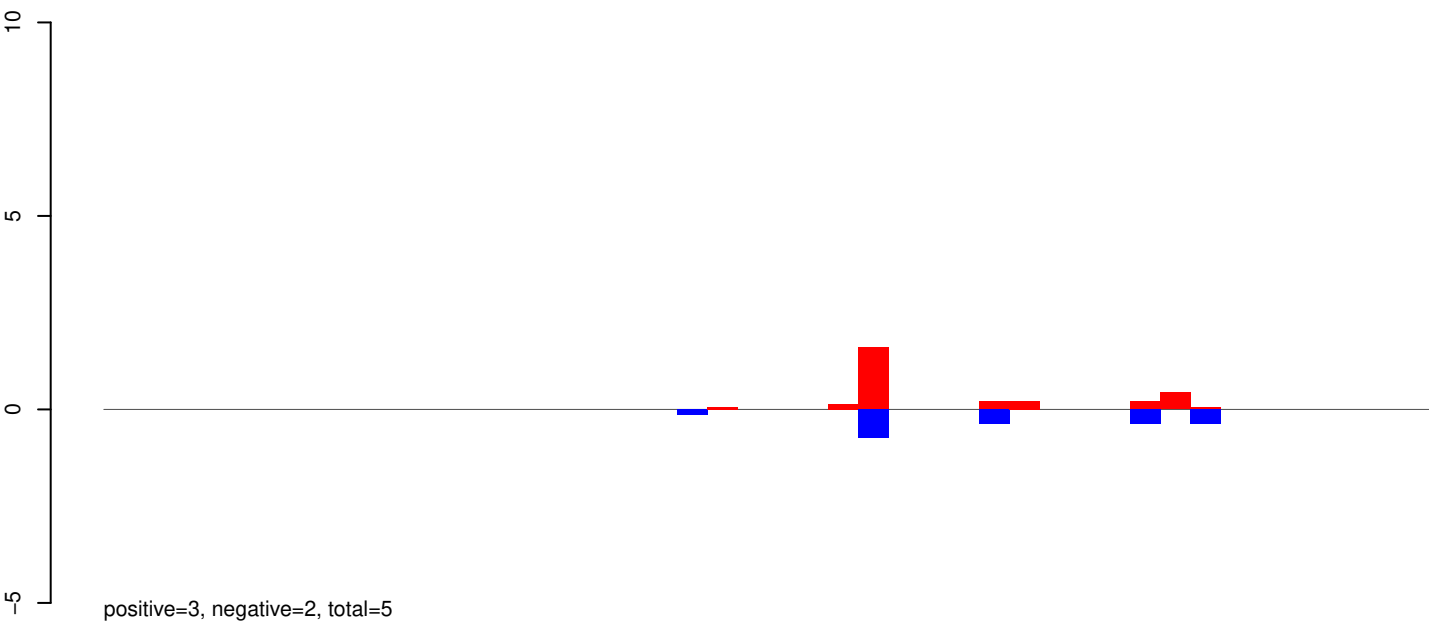


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

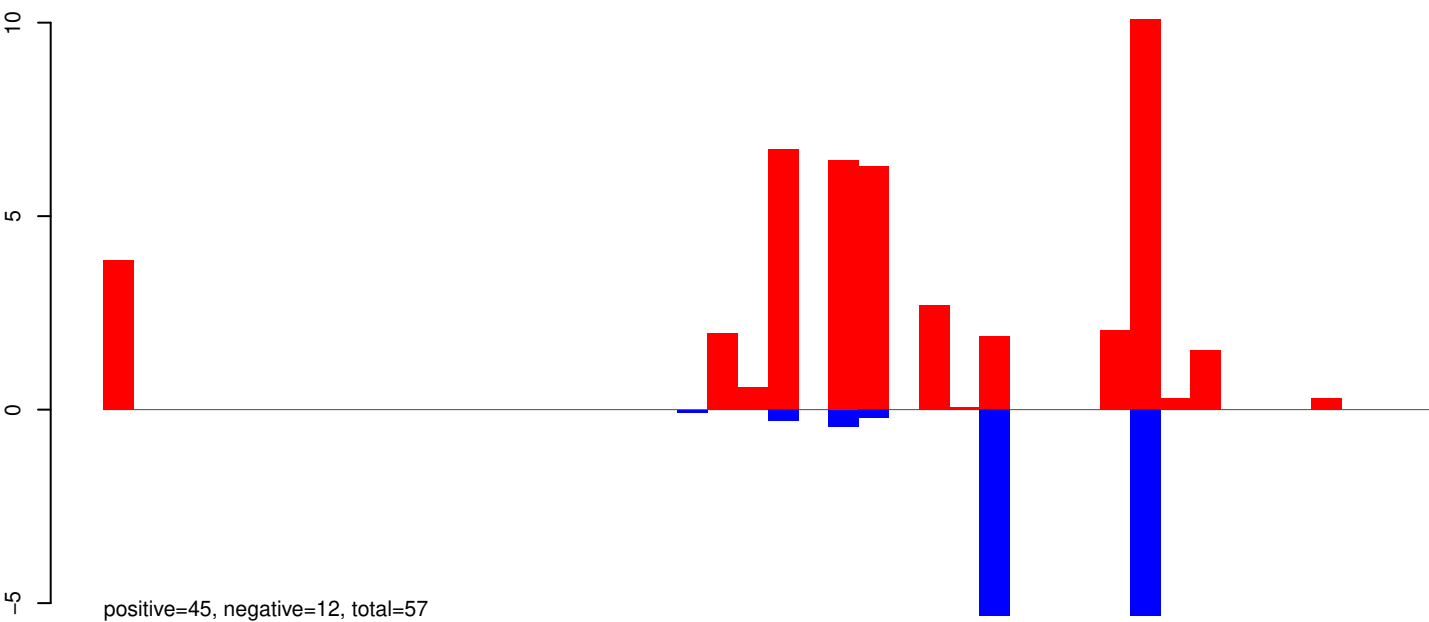


Window size=25, length=1213, TE@aedes\_aegypti\_822\_4-Unknown:1-1213

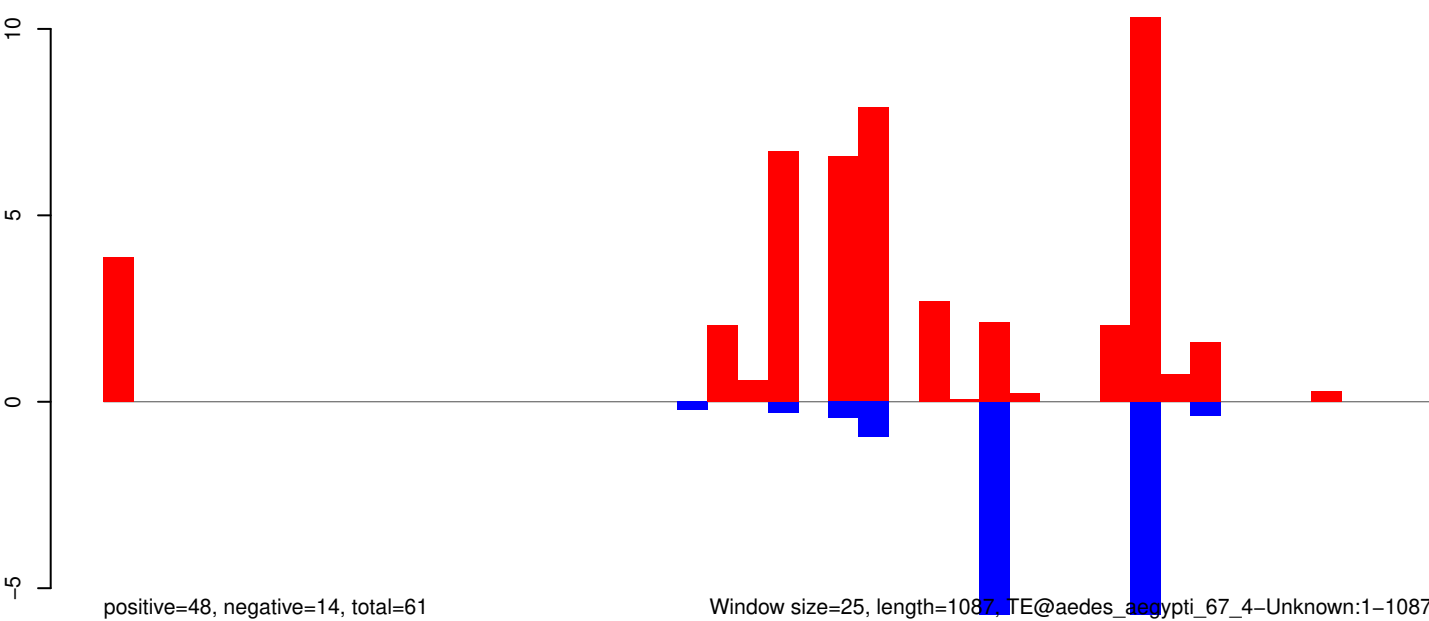
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



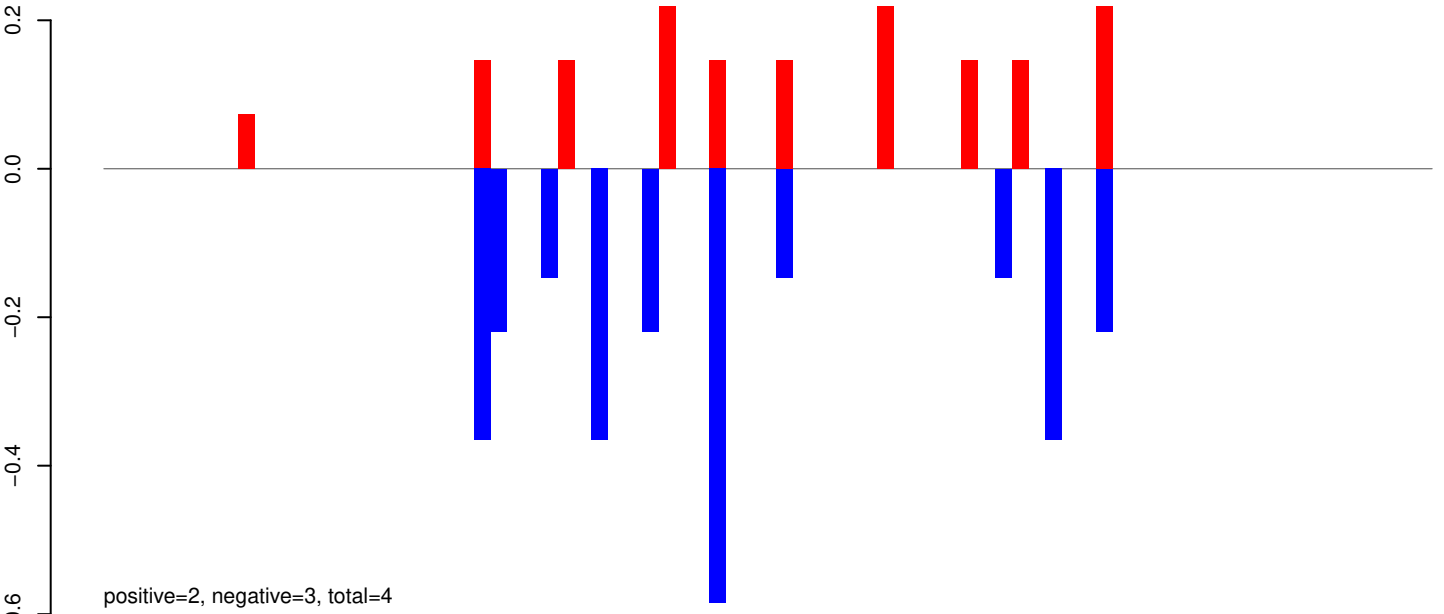
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



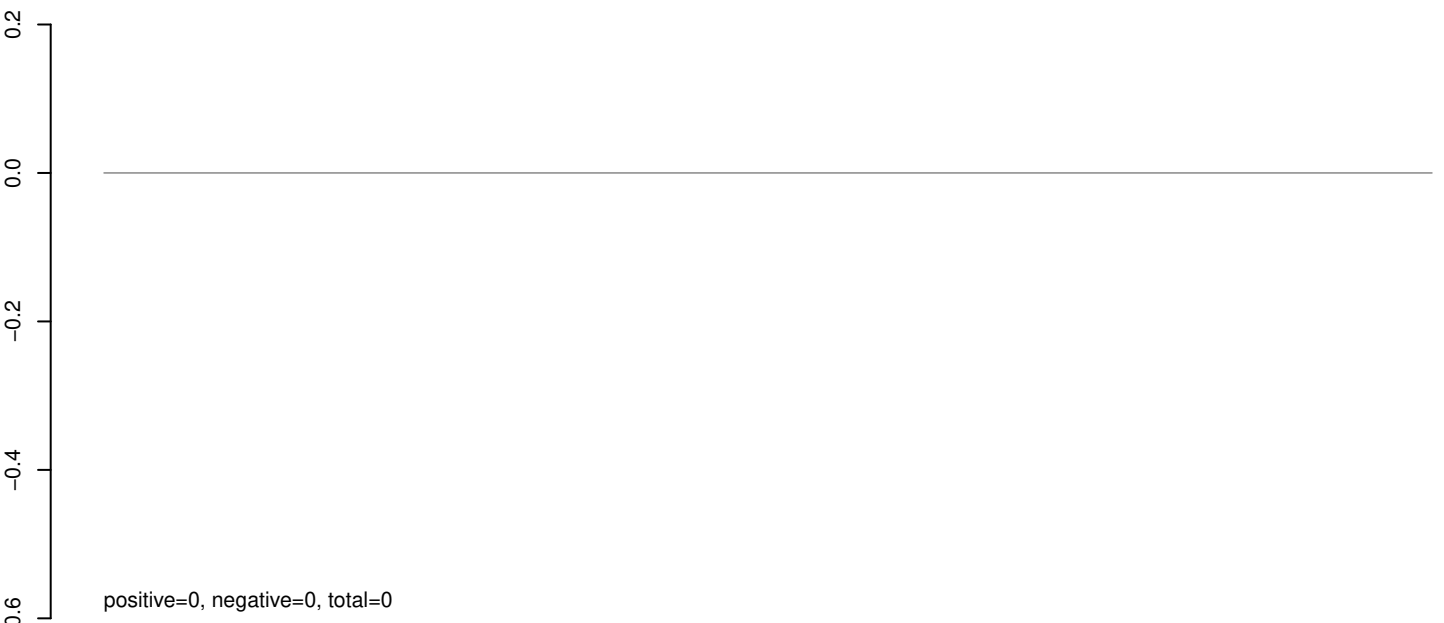
Window size=25, length=1087, TE@aedes\_aegypti\_67\_4-Unknown:1-1087

0 200 400 600 800 1000

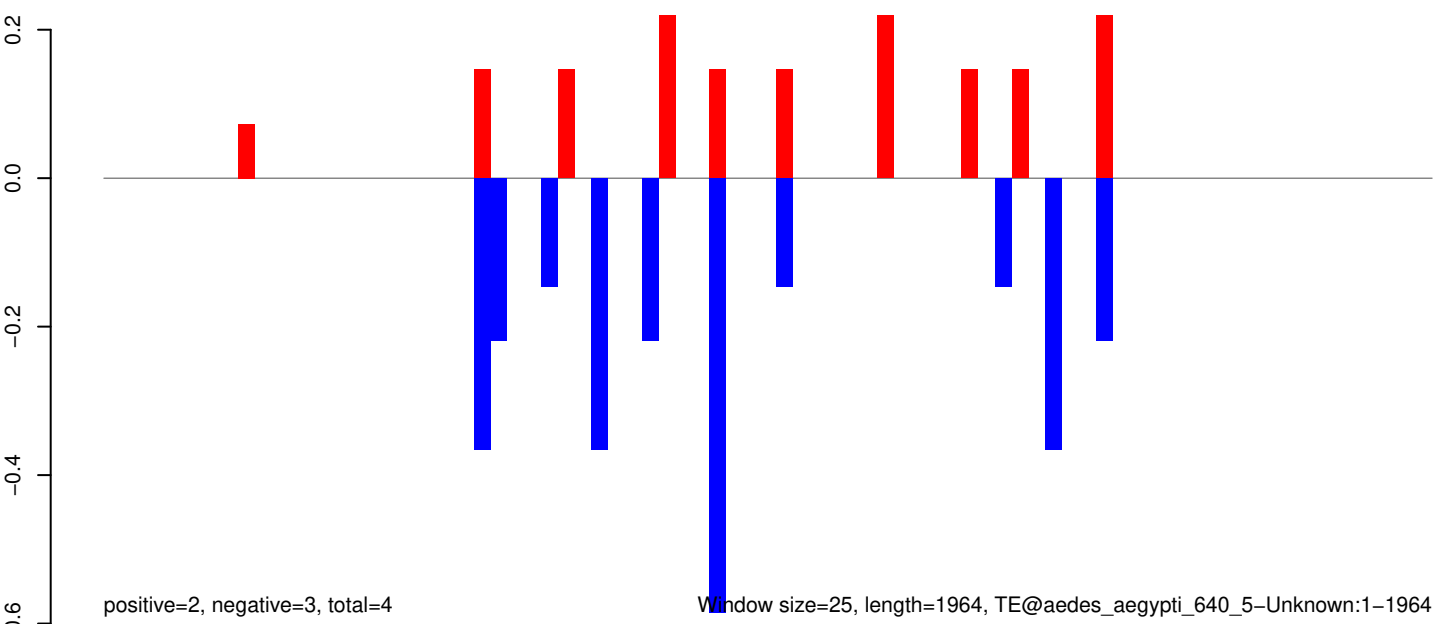
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



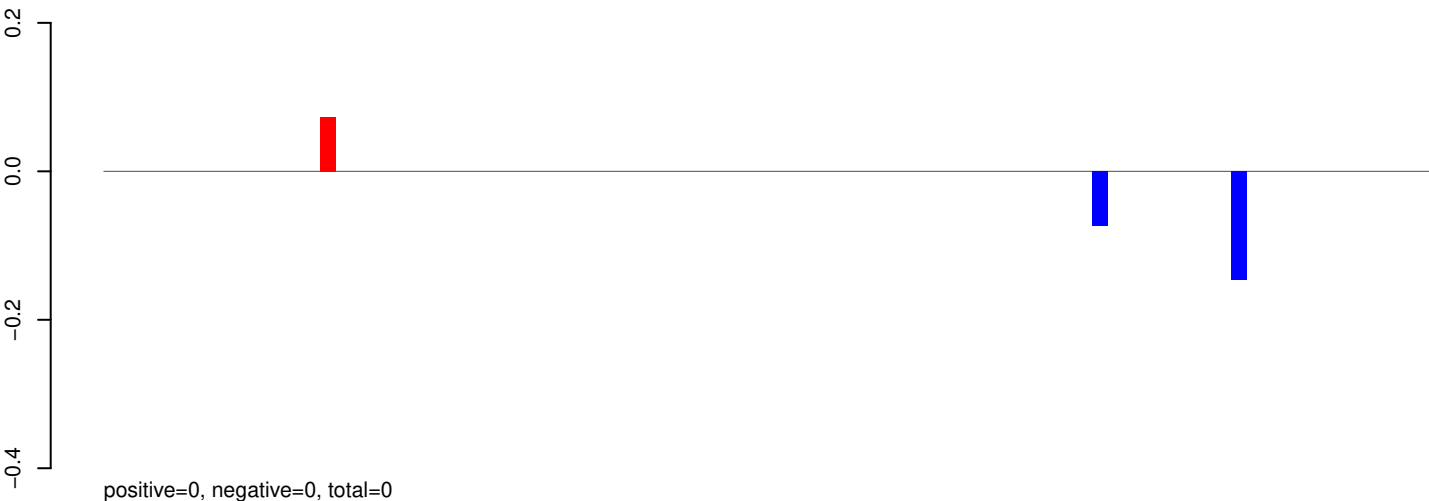
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



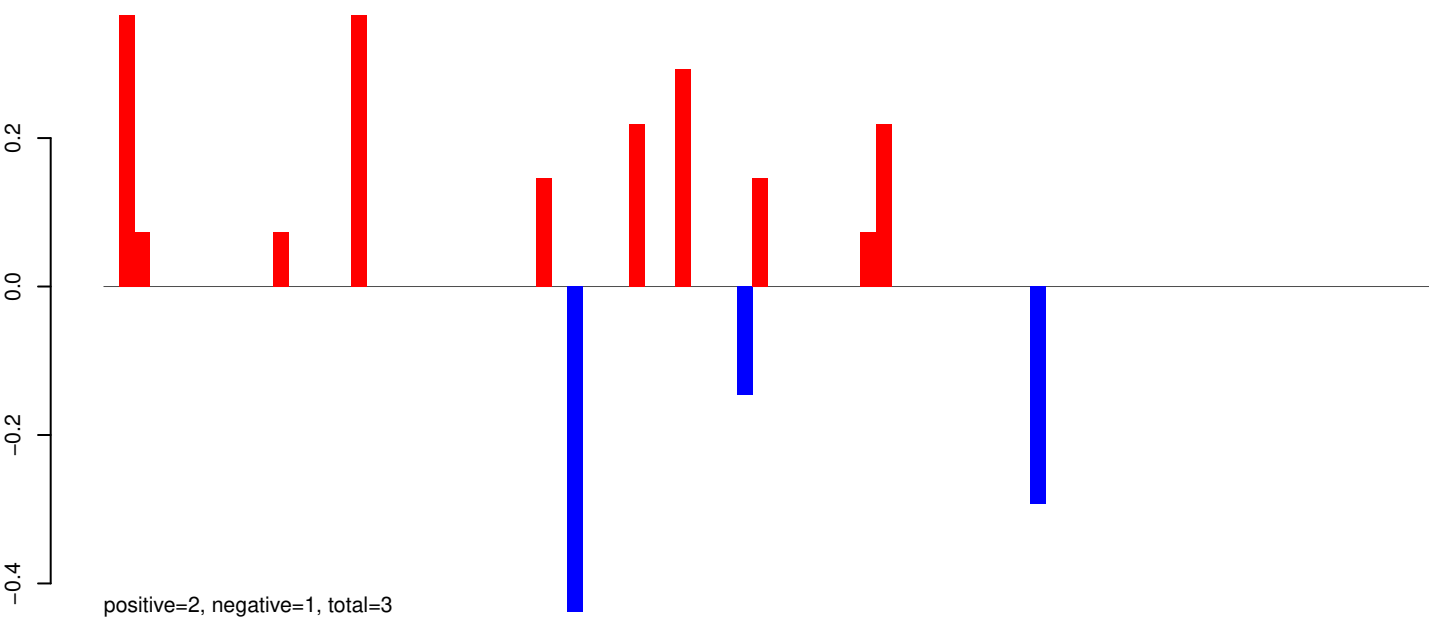
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



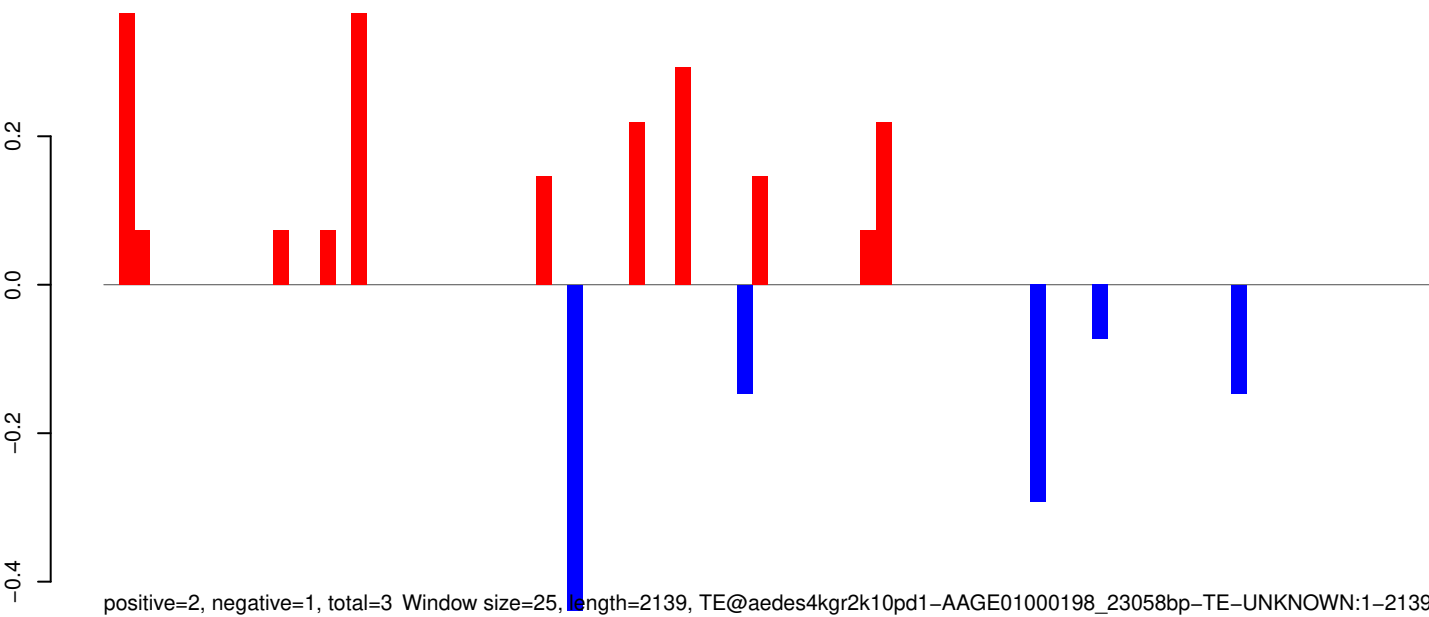
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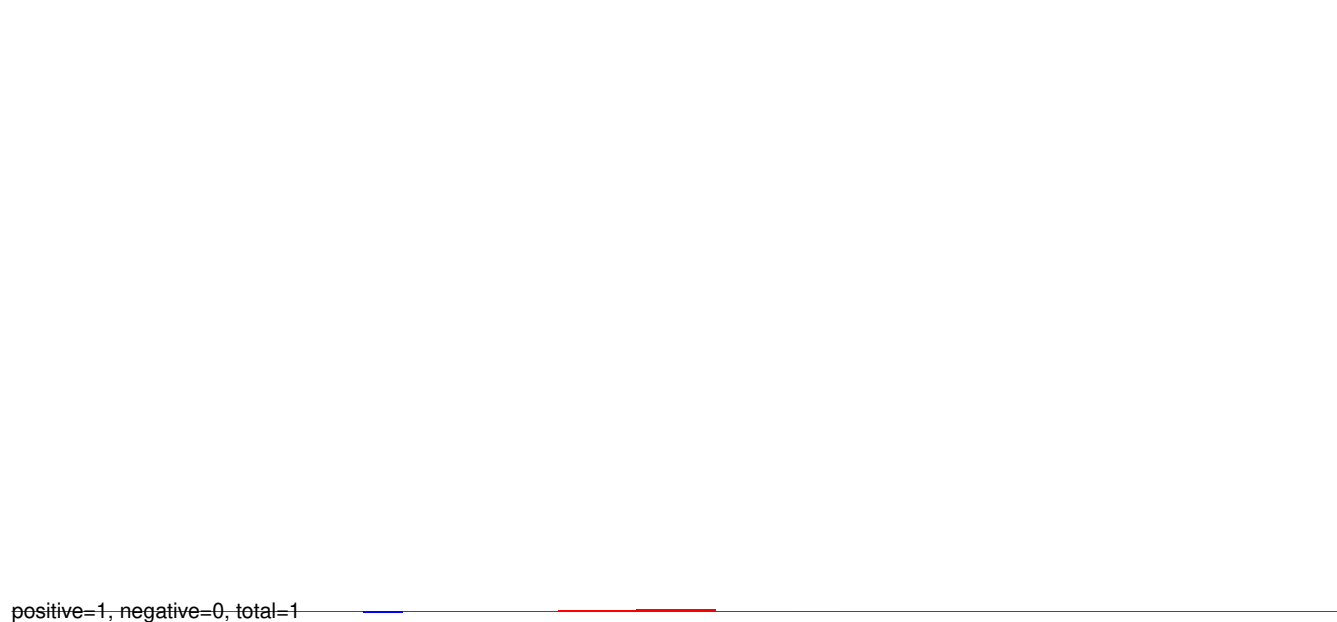
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



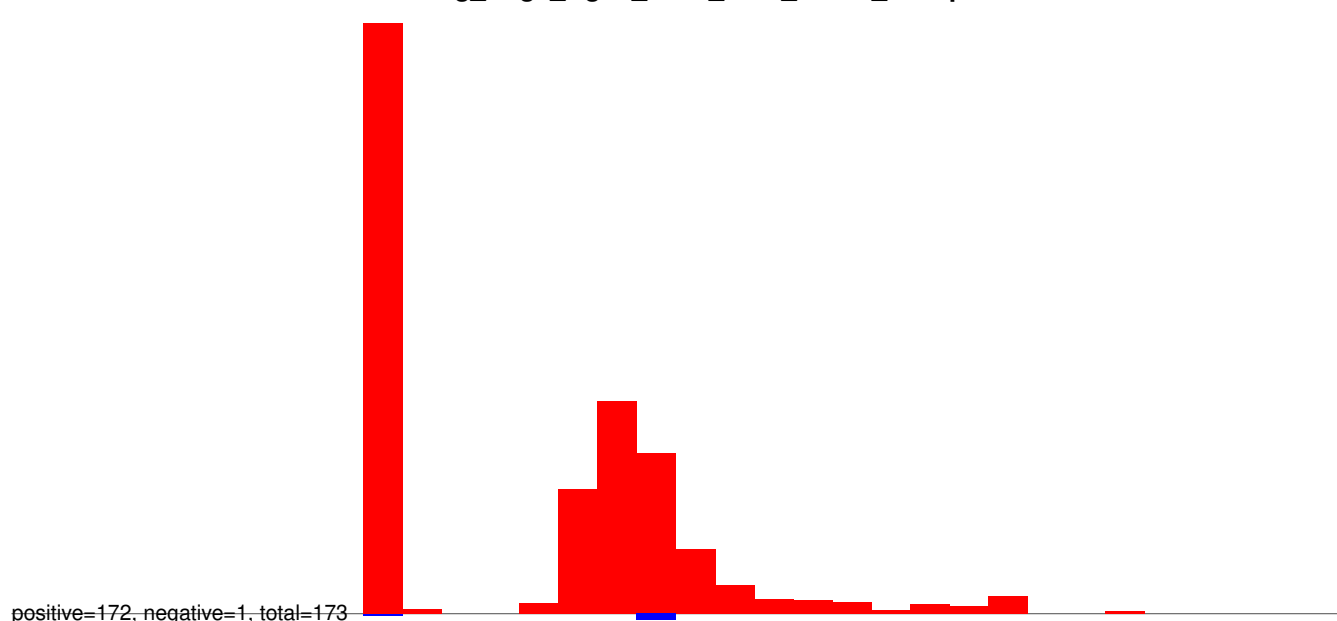
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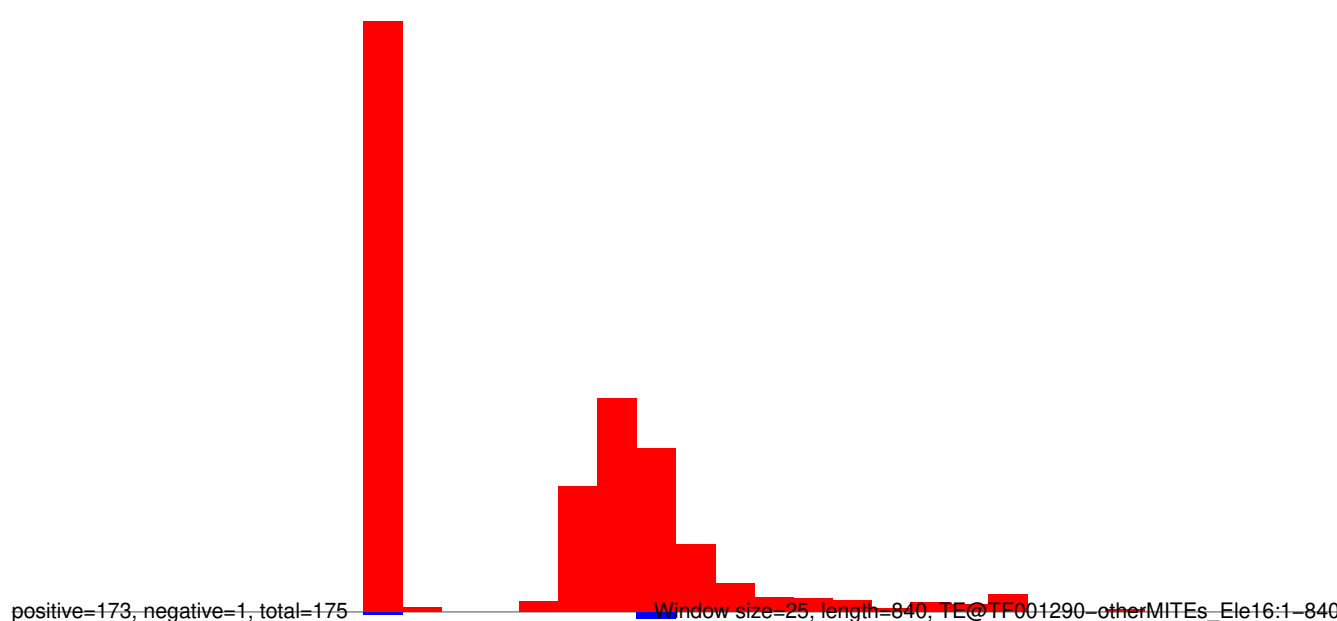
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

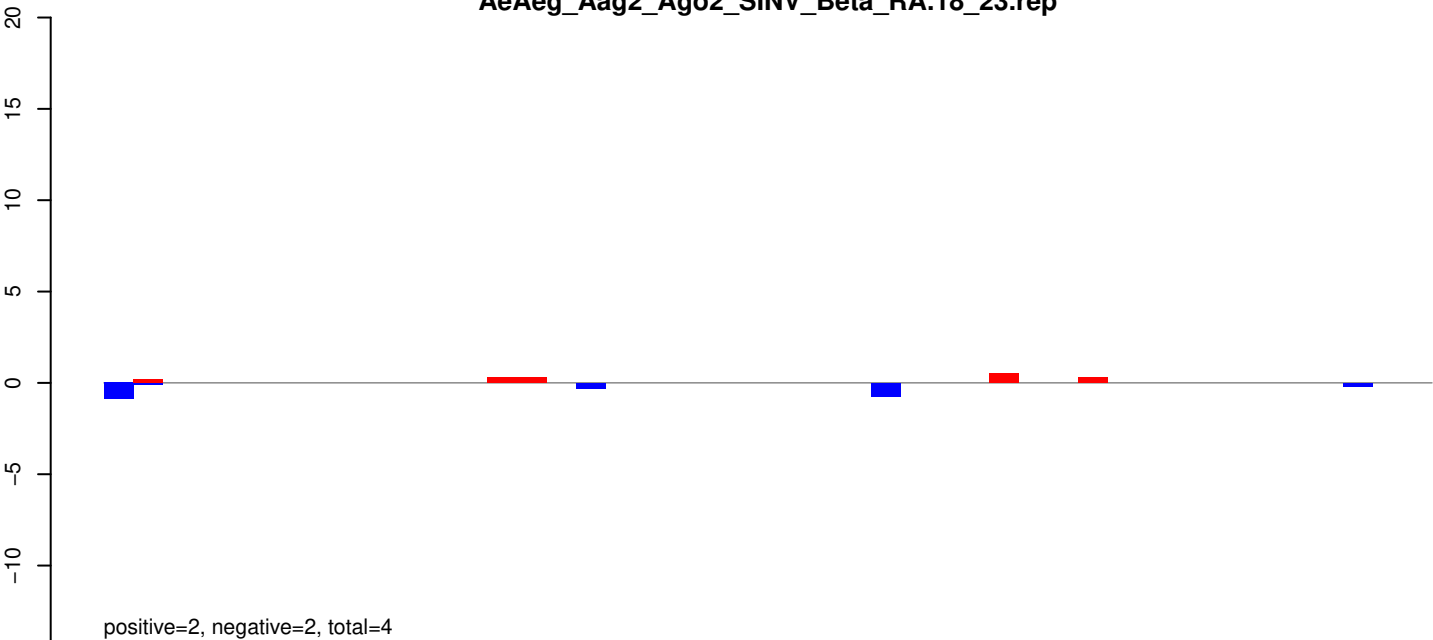


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

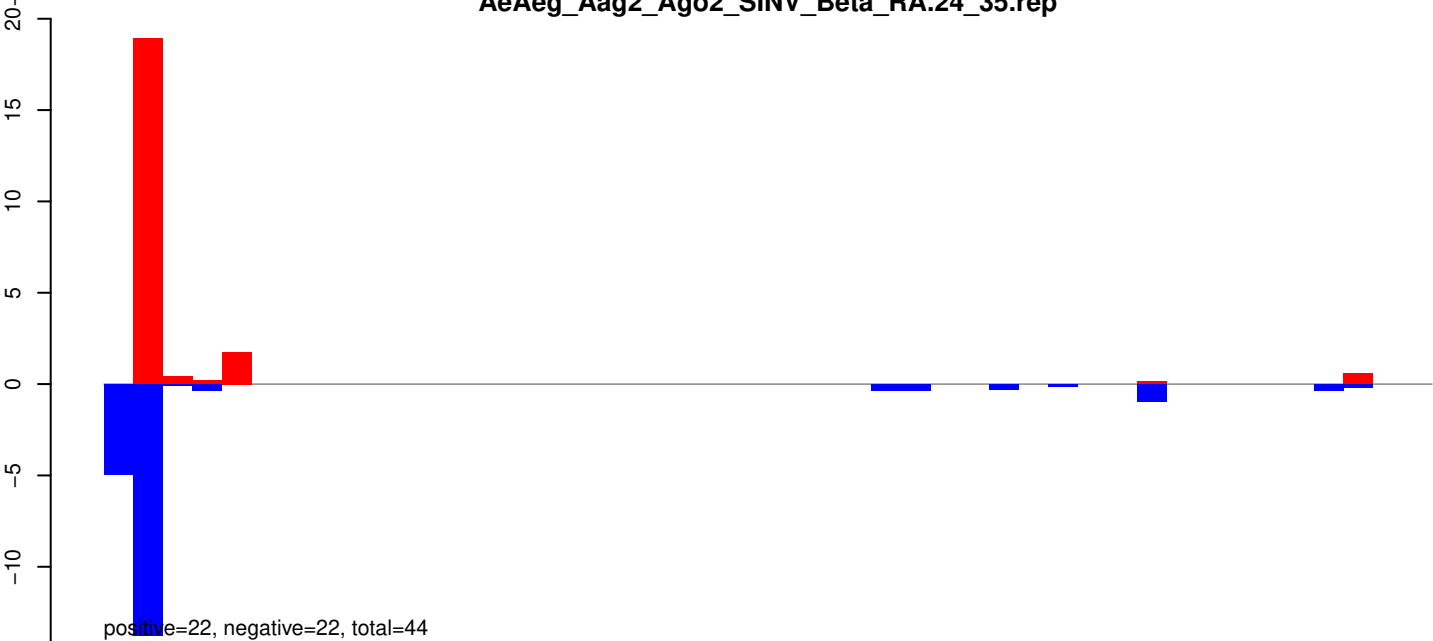


0 200 400 600 800

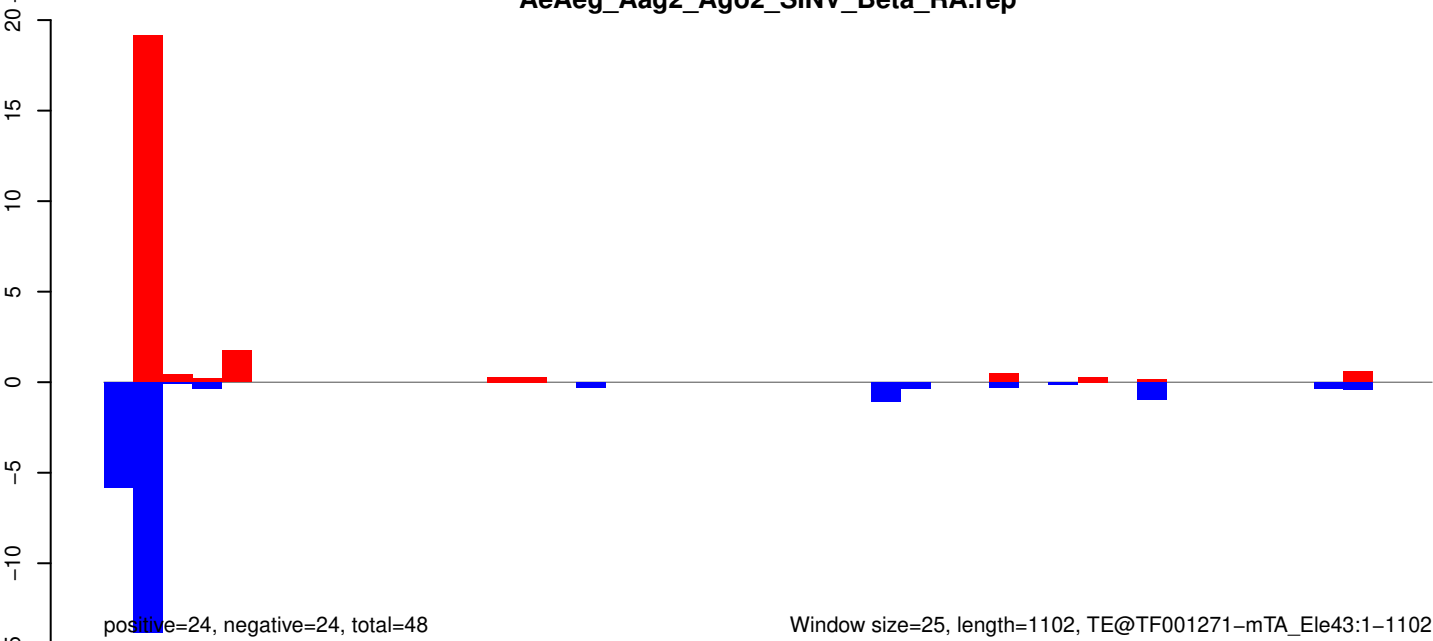
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

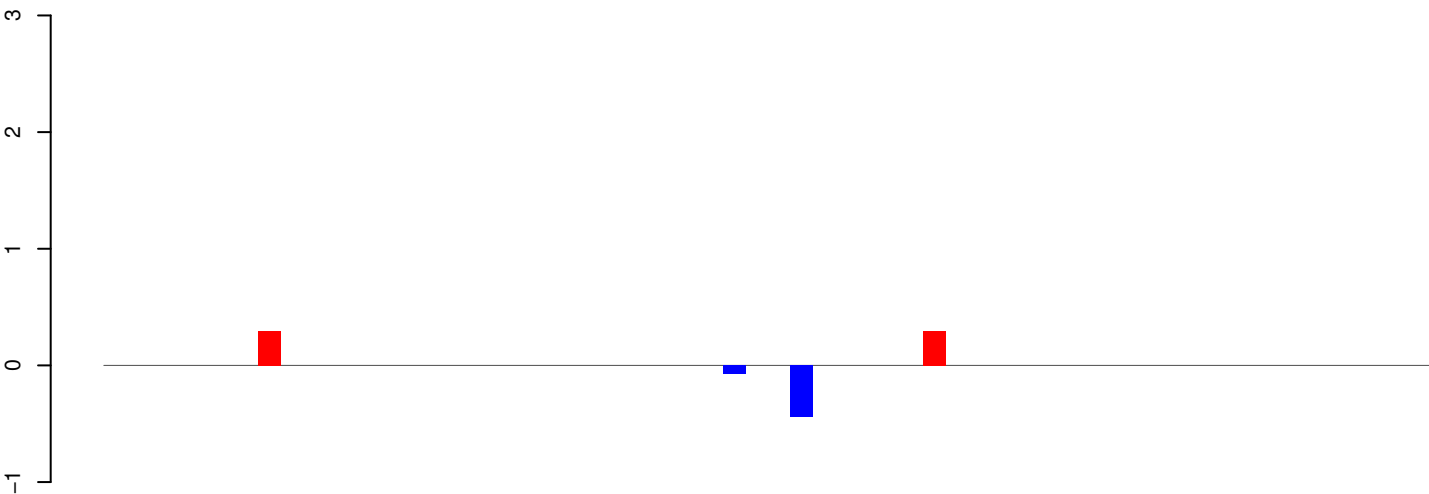


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



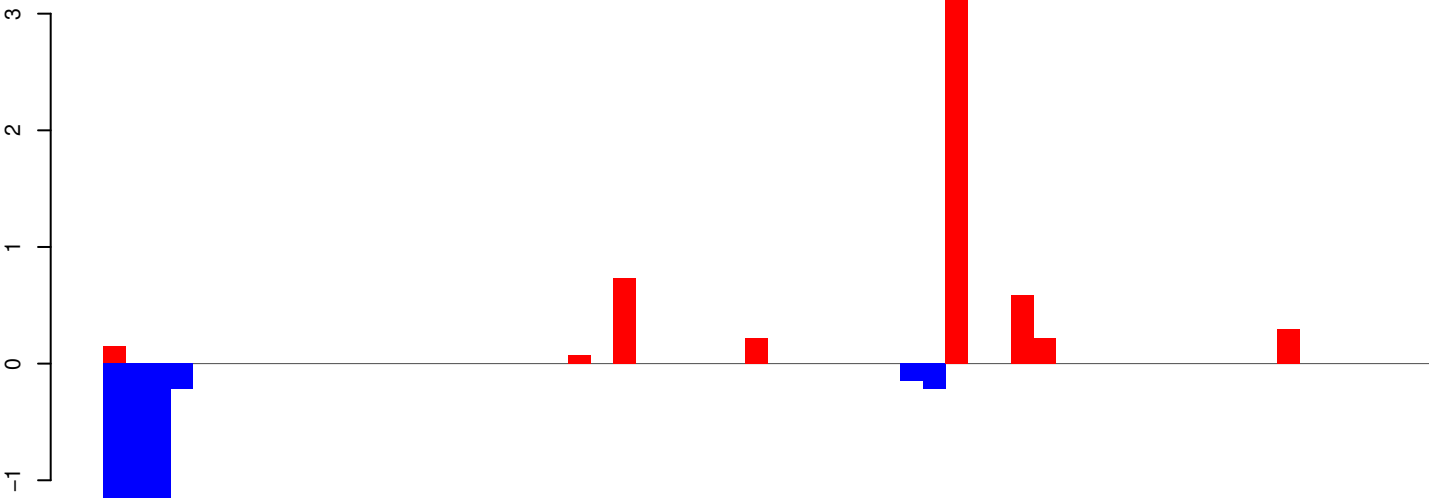


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



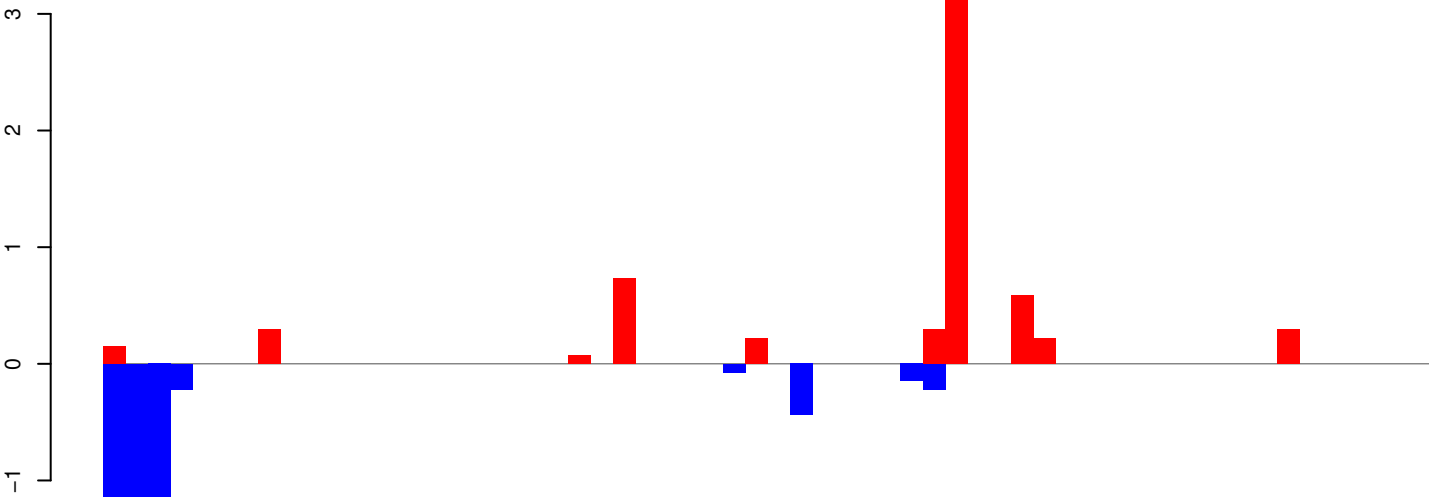
positive=1, negative=1, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=6, negative=5, total=11

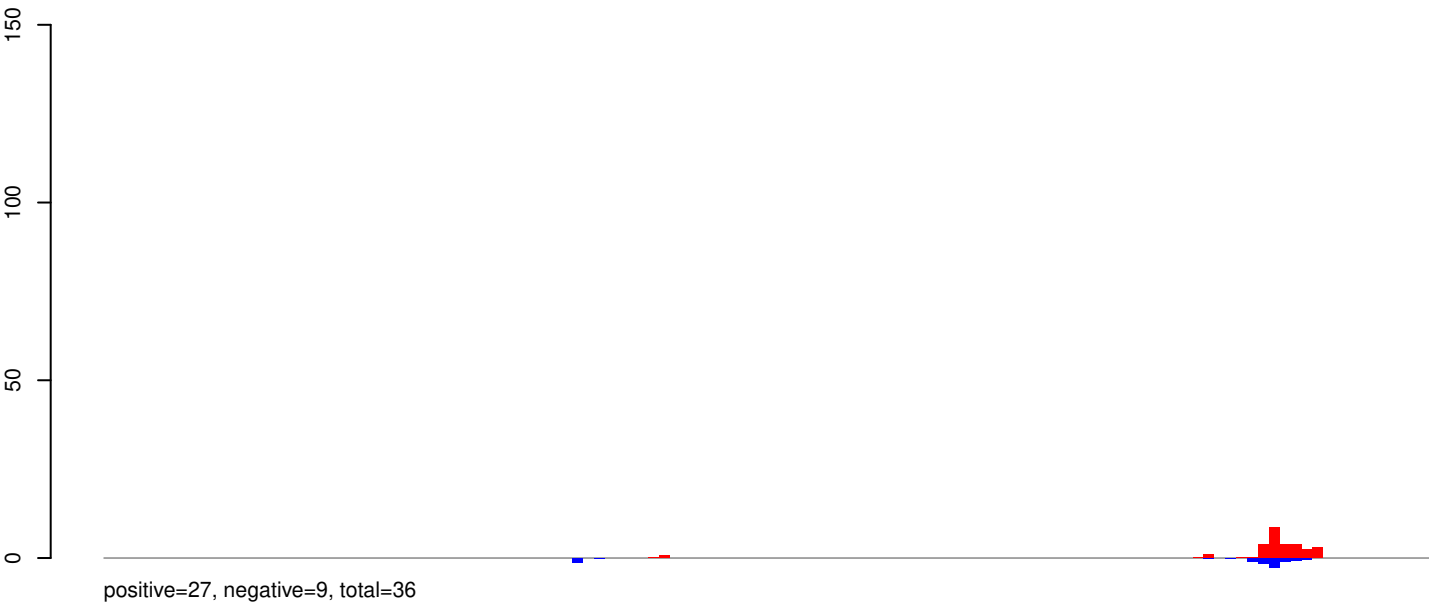
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



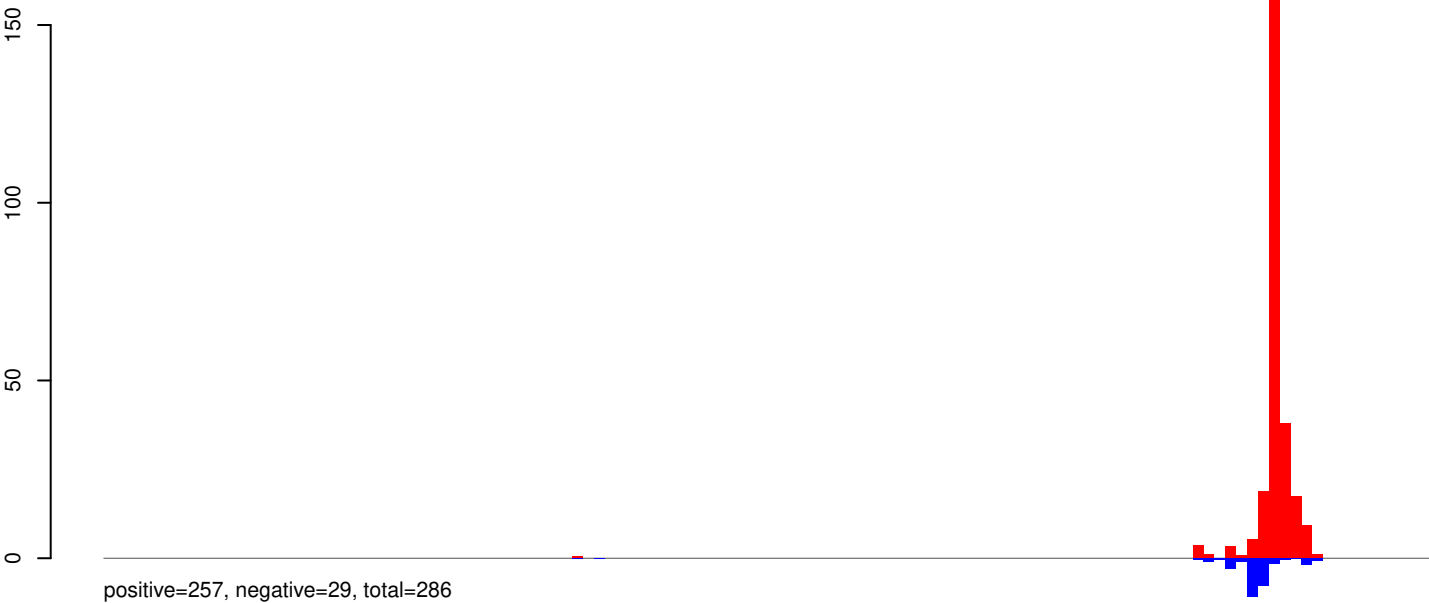
positive=7, negative=5, total=12

Window size=25, length=1499, TE@TF001259-otherMITEs\_Ele2:1-1499

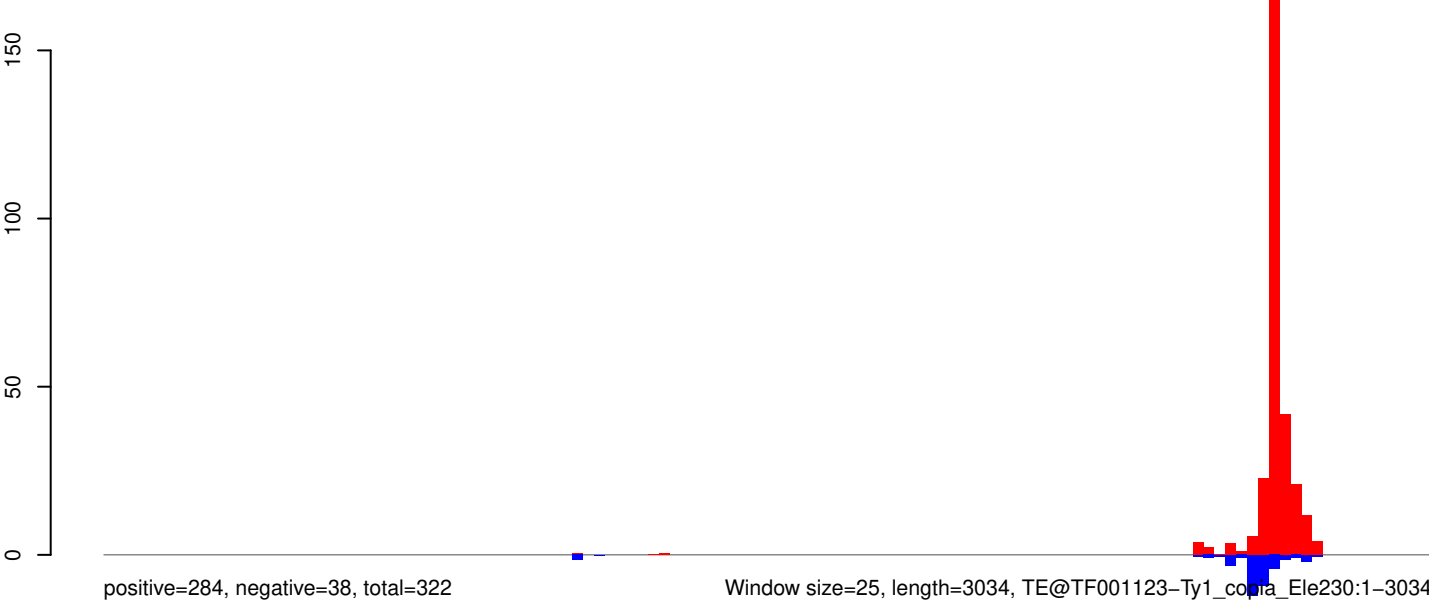
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



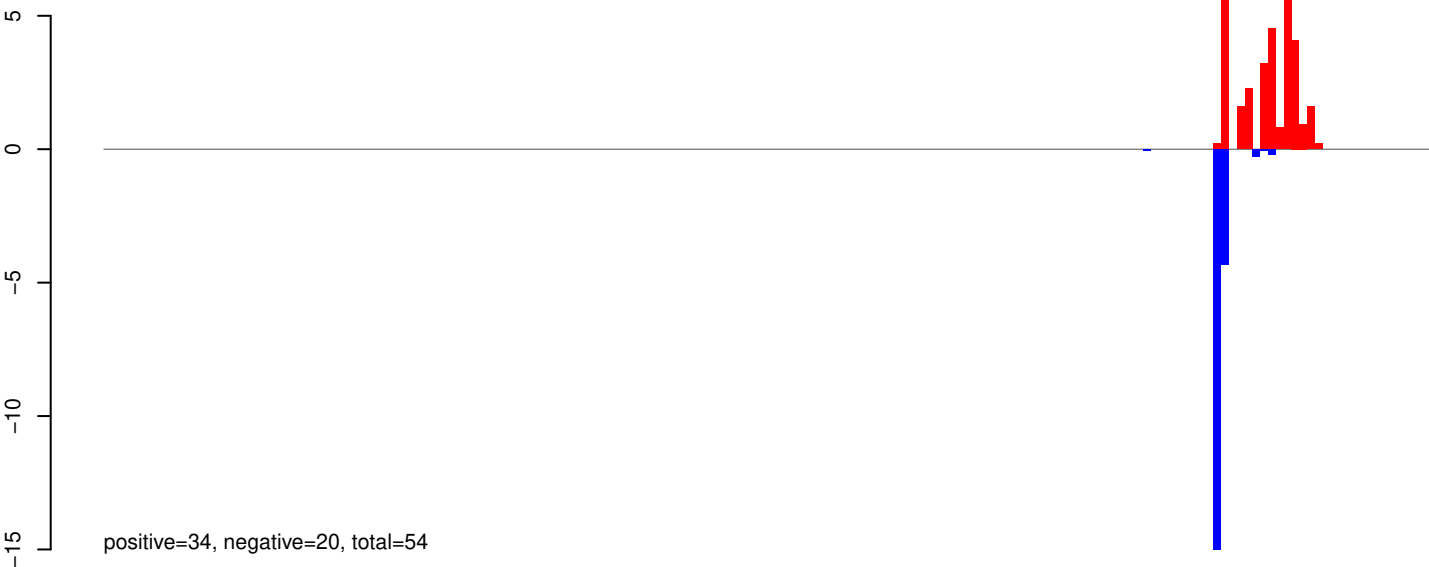
Window size=25, length=3034, TE@TF001123-Ty1\_copia\_Ele230:1-3034

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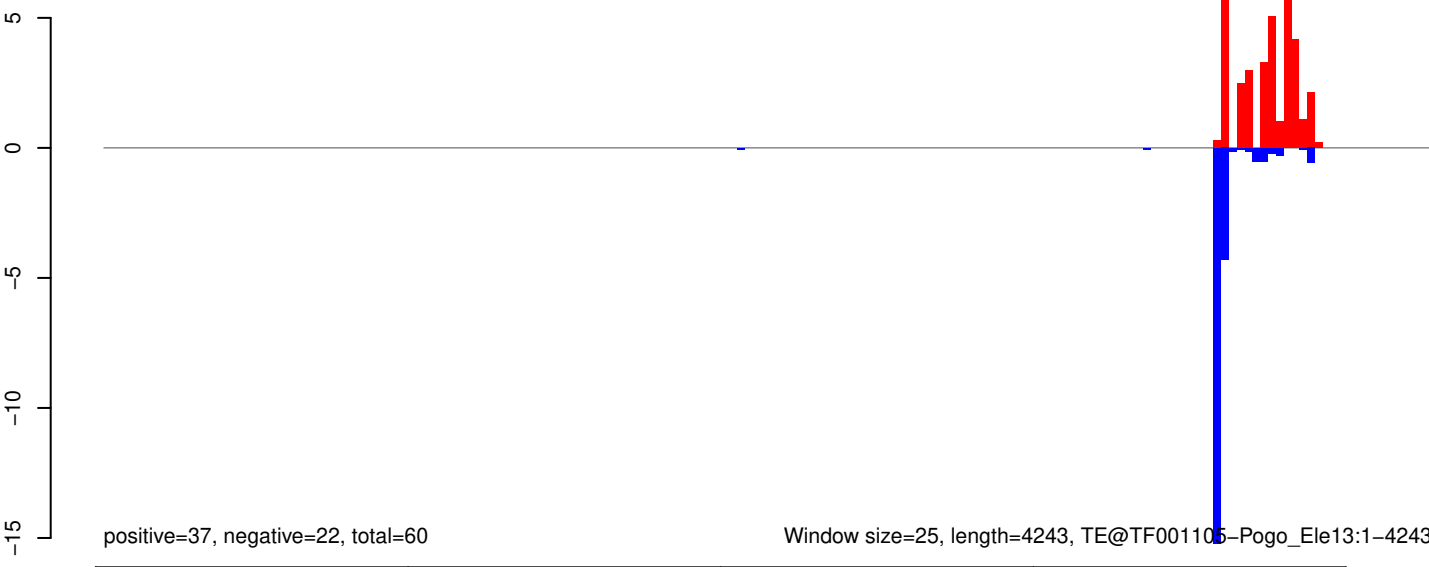
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



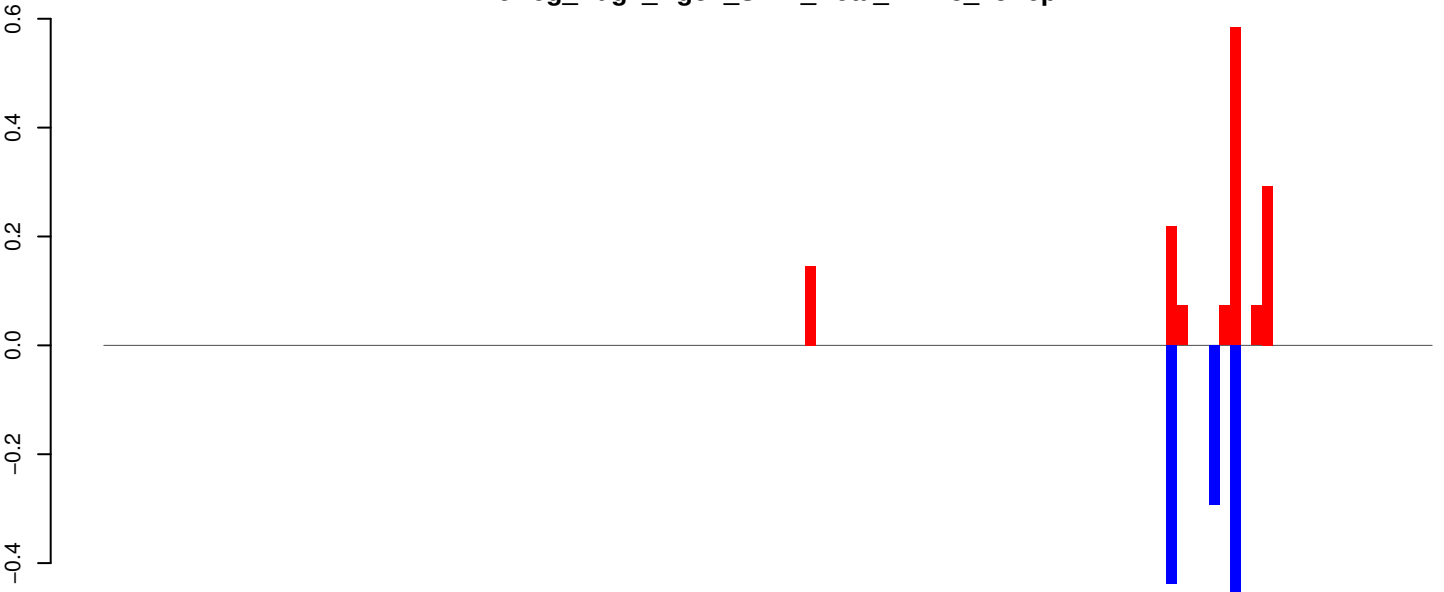
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

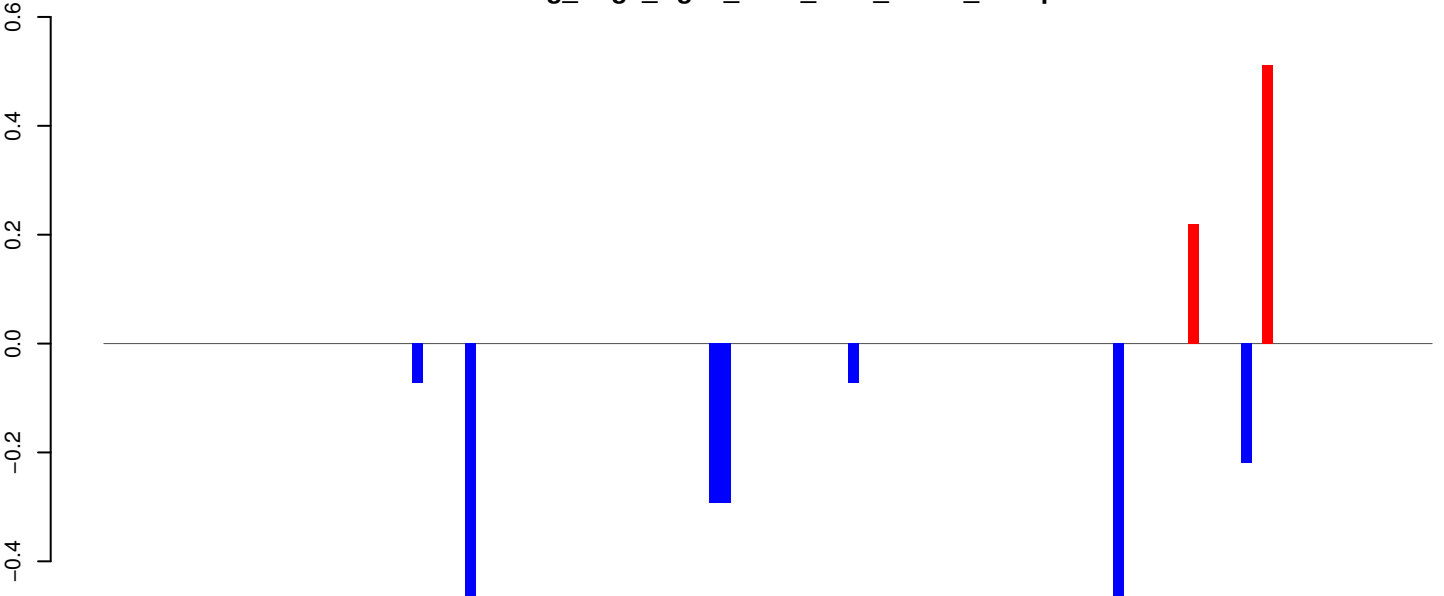


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



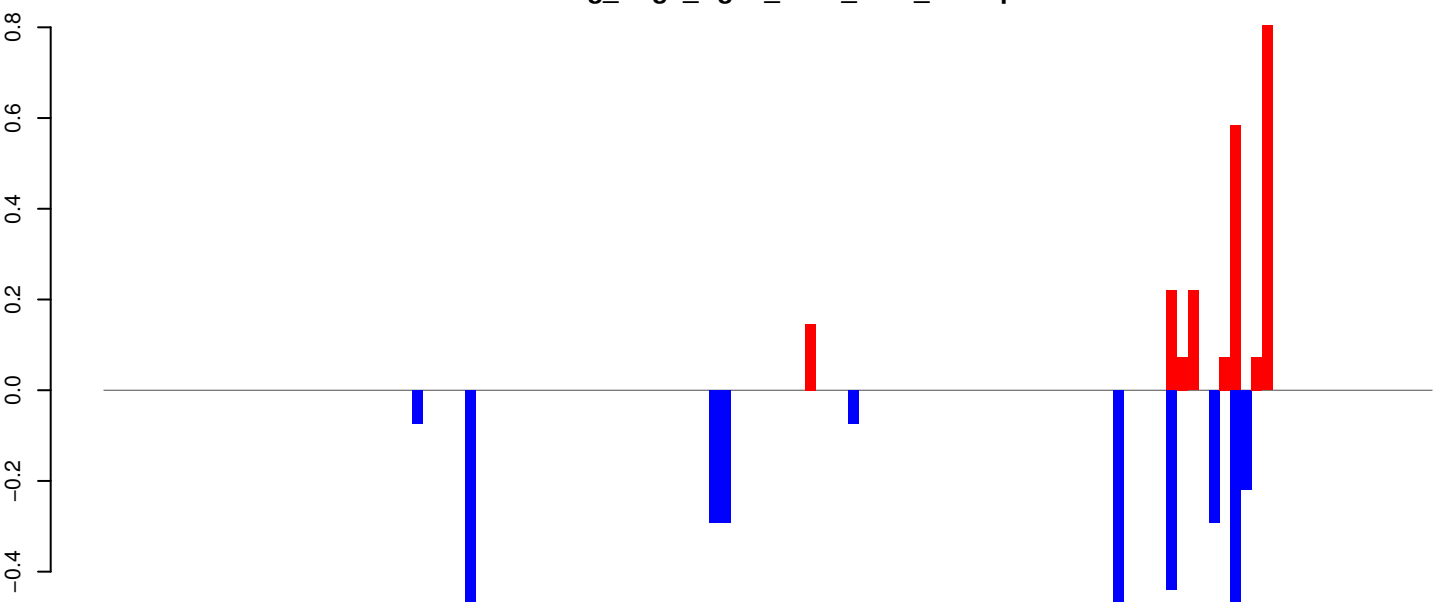
positive=1, negative=1, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



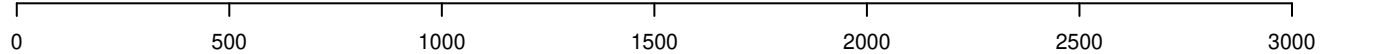
positive=1, negative=2, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

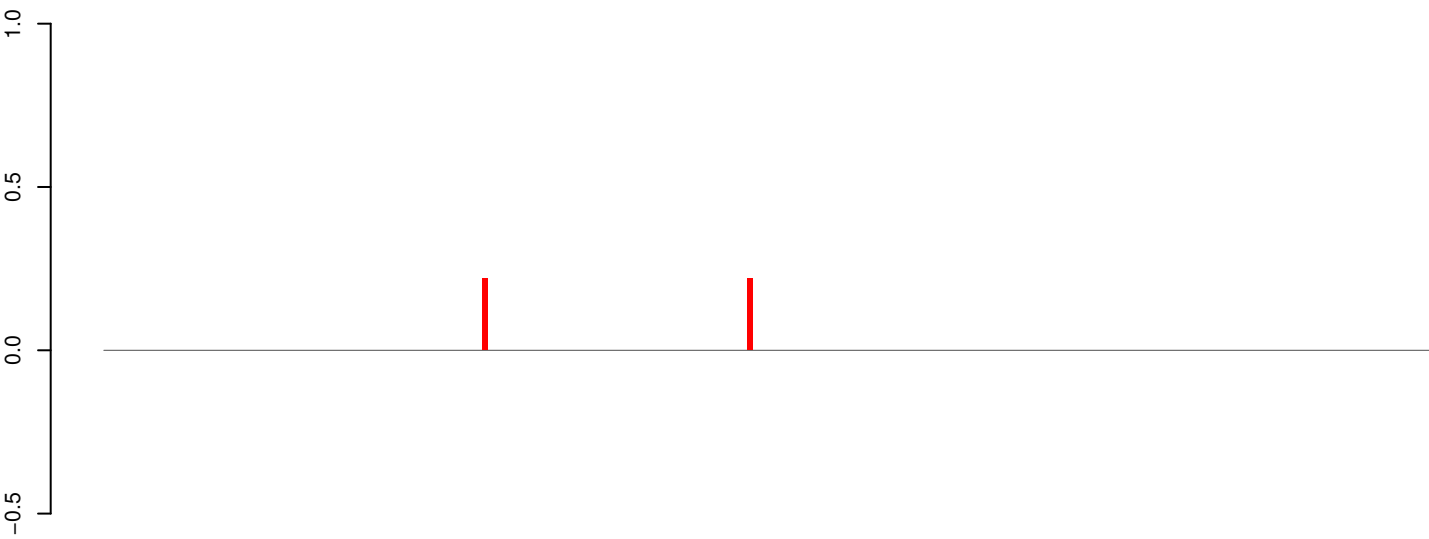


positive=2, negative=3, total=5

Window size=25, length=3120, TE@TF001055-Ty1\_copia\_Ele116:1-3120

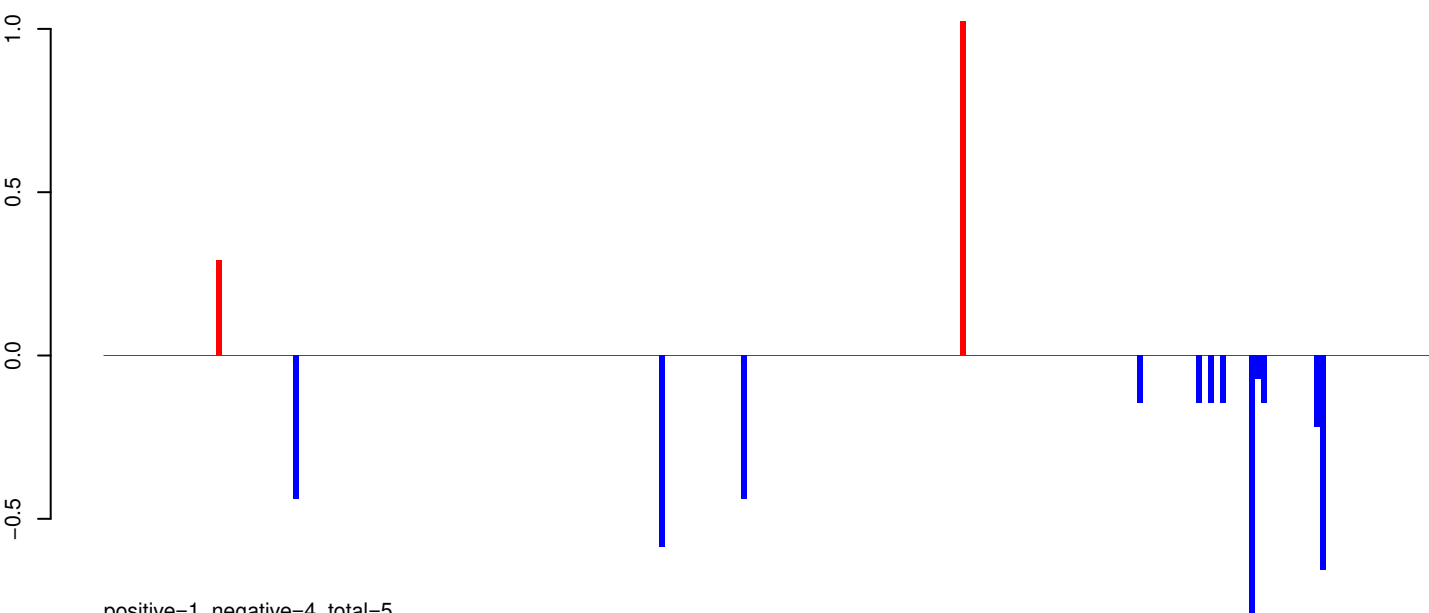


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



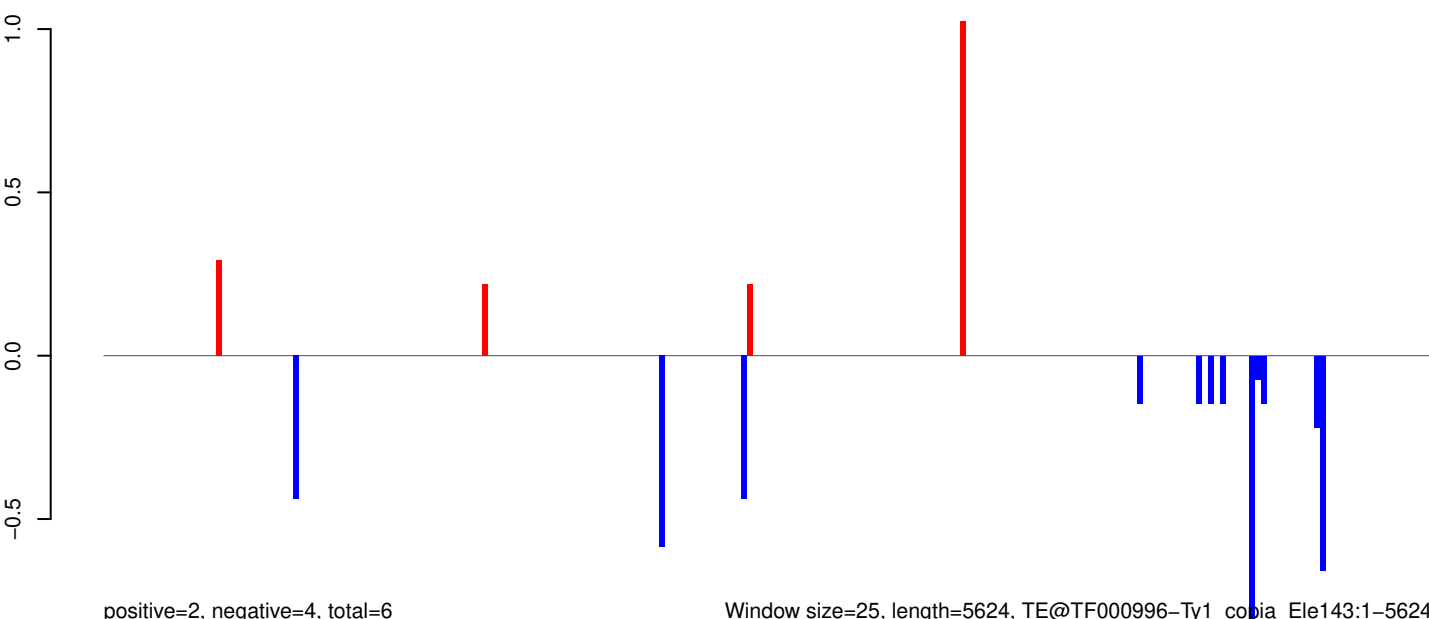
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=4, total=5

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

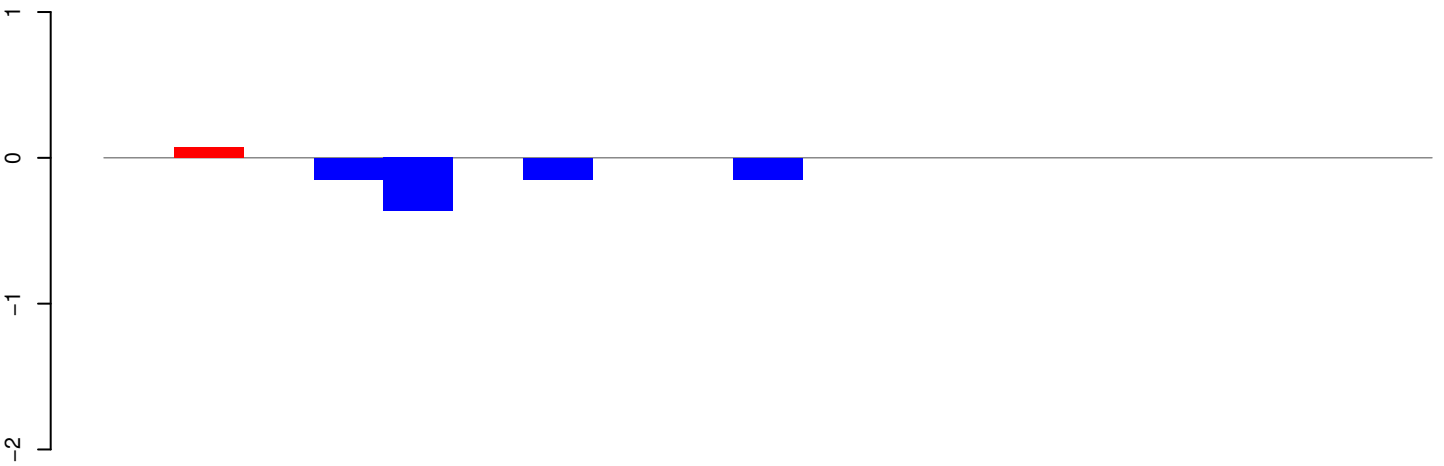


positive=2, negative=4, total=6

Window size=25, length=5624, TE@TF000996-Ty1\_copia\_Ele143:1-5624

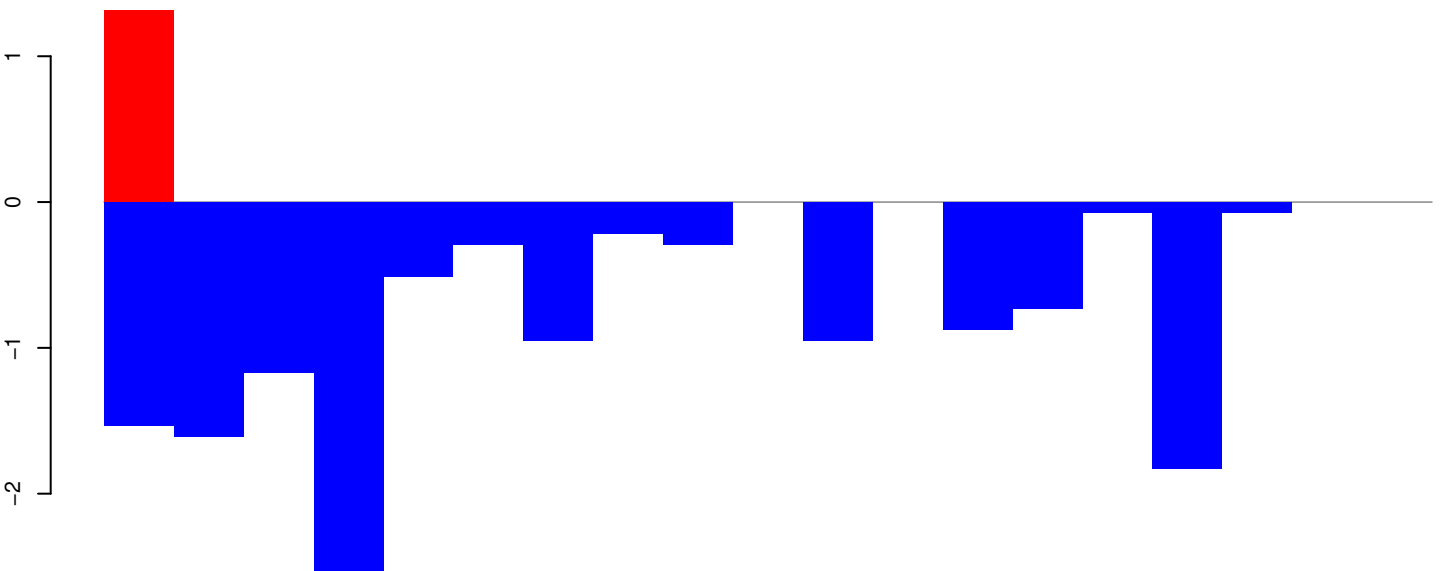
0 1000 2000 3000 4000 5000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



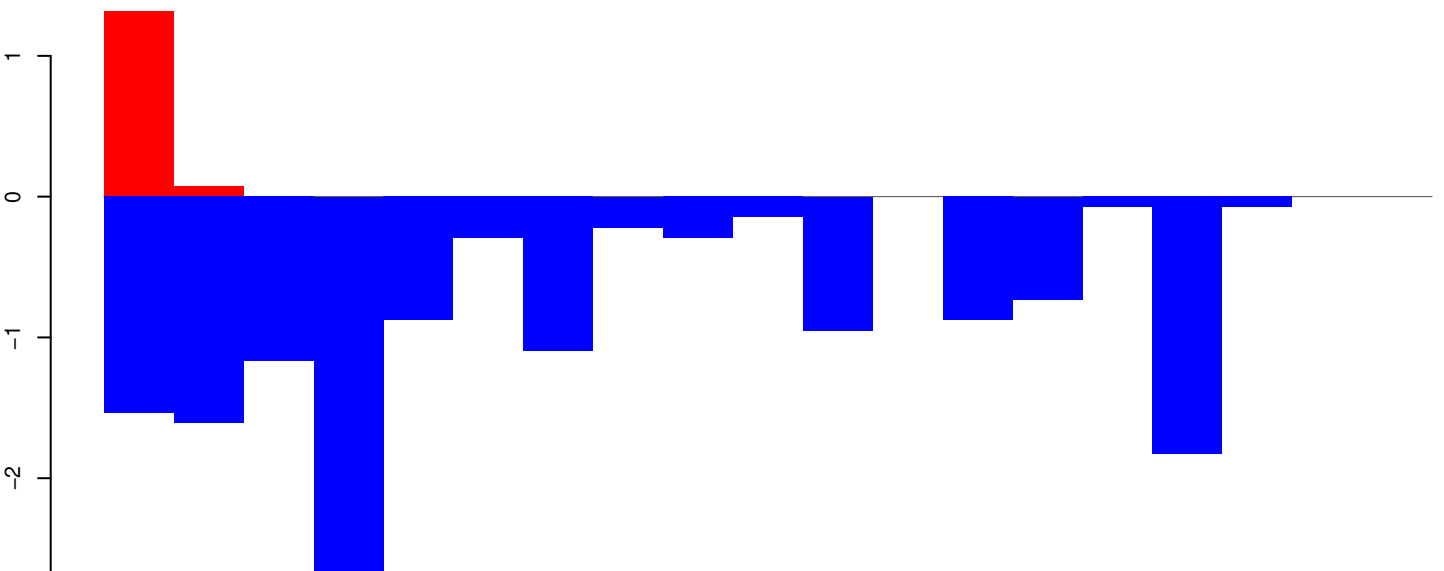
positive=0, negative=1, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=14, total=15

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



positive=1, negative=15, total=16

Window size=25, length=472, TE@TF000715-m8bp\_Ele7:1-472

100

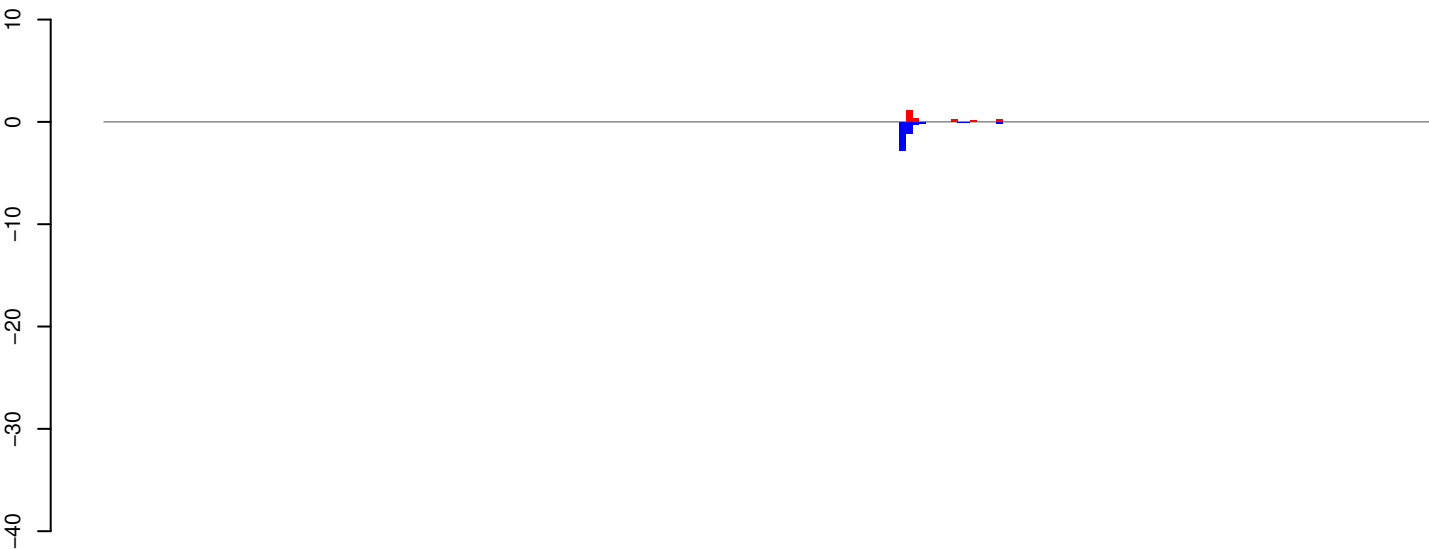
200

300

400

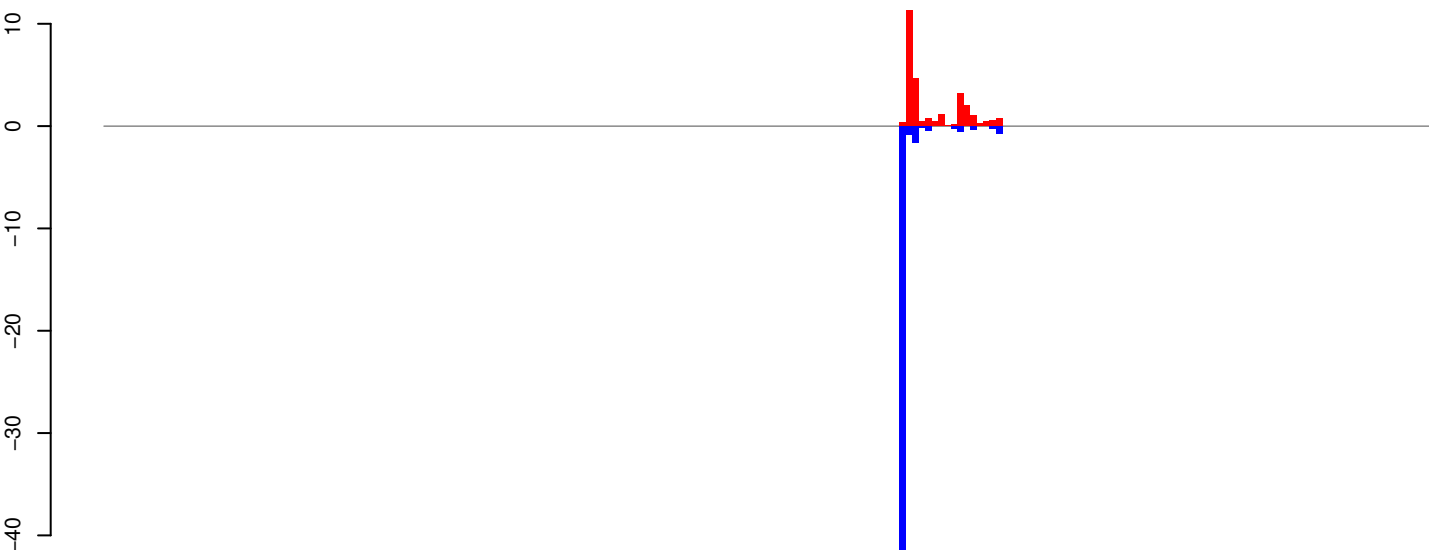
500

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



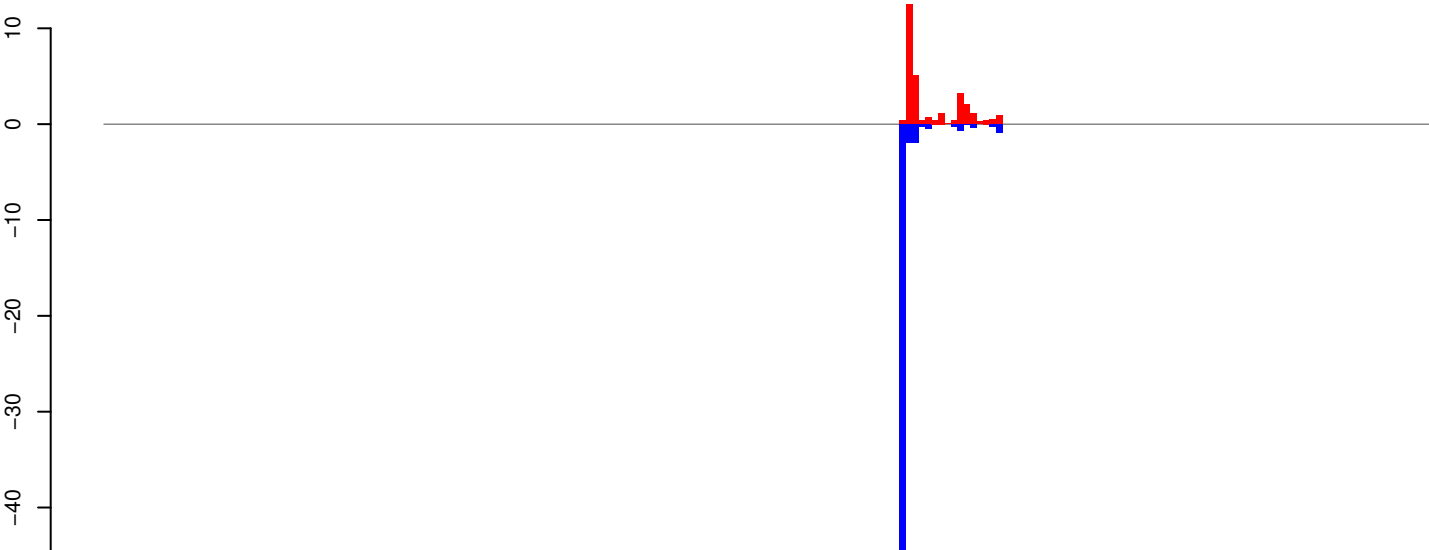
positive=2, negative=5, total=7

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=28, negative=52, total=80

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

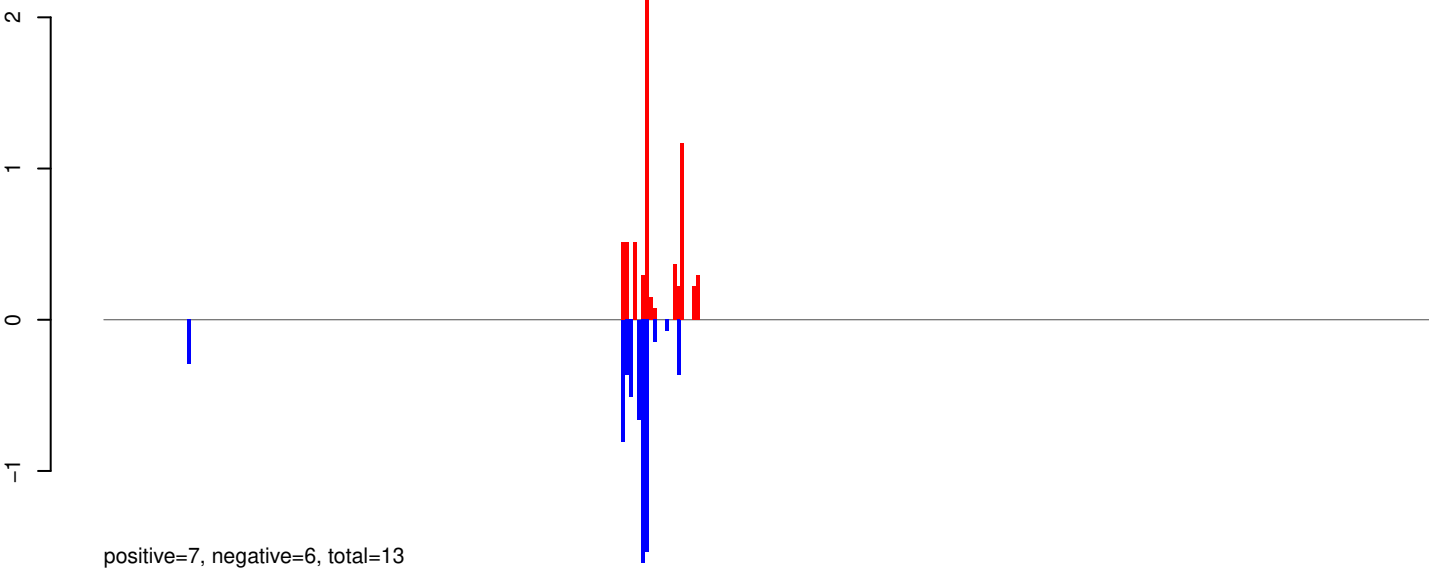


positive=30, negative=57, total=87

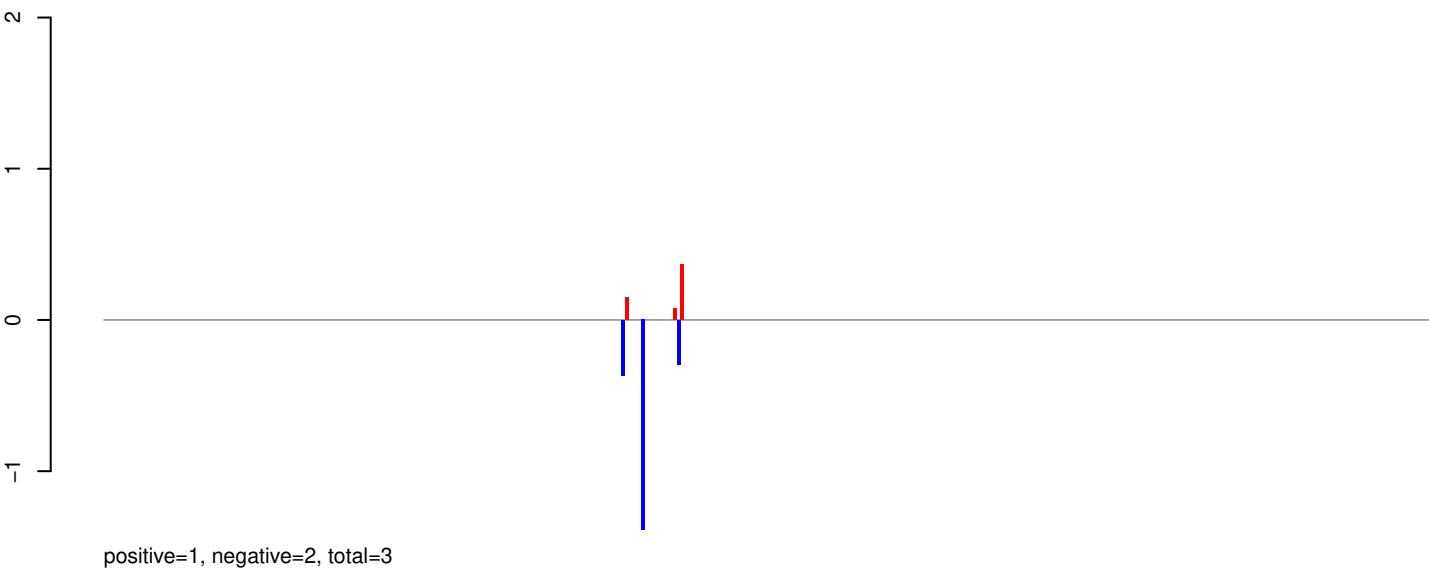
Window size=25, length=5155, TE@TF000629-Ty1\_copia\_Ele17:1-5155

0 1000 2000 3000 4000 5000

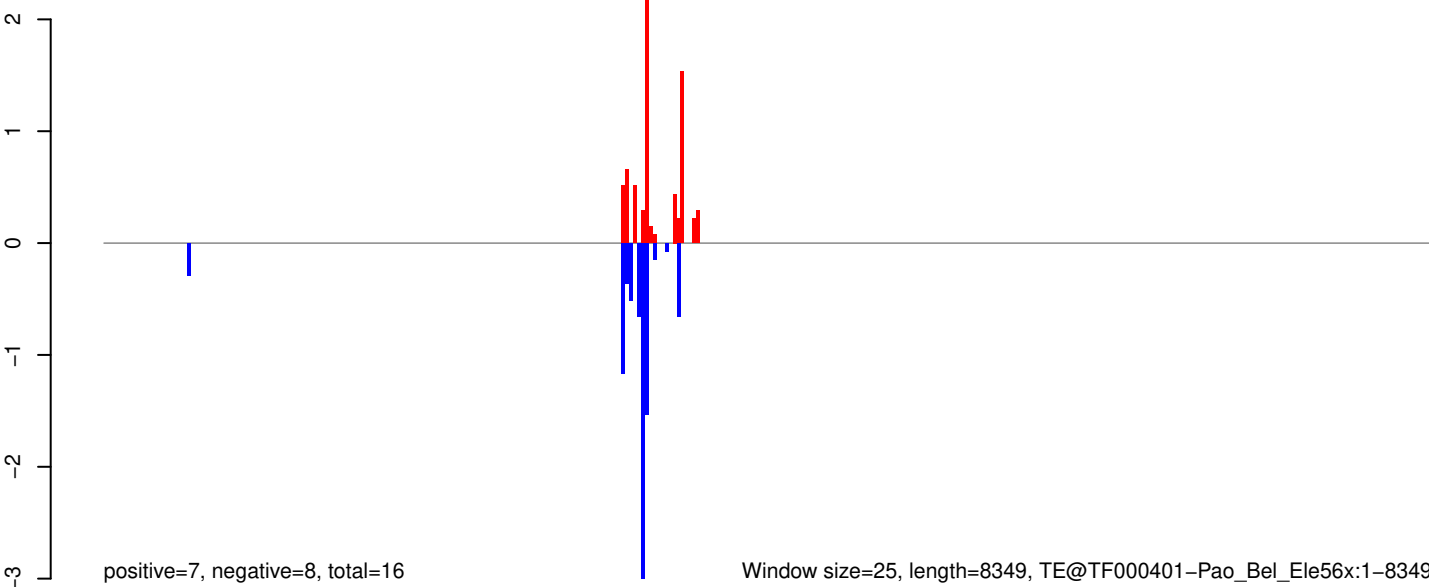
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



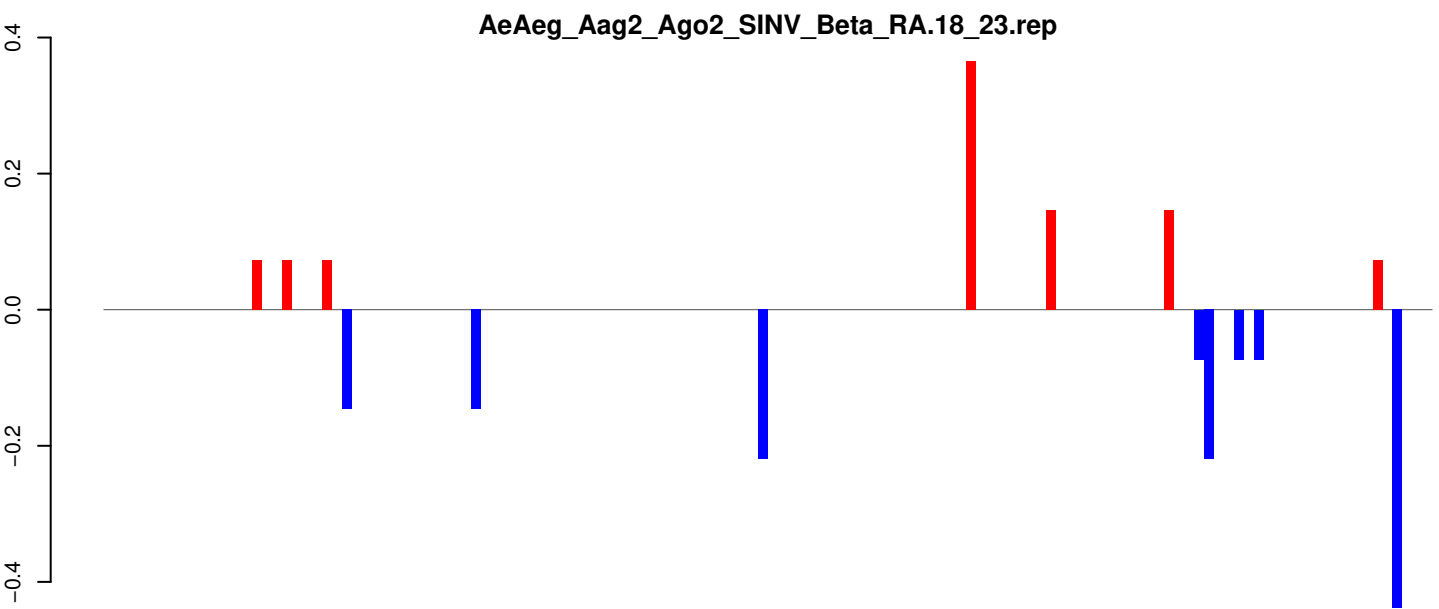
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



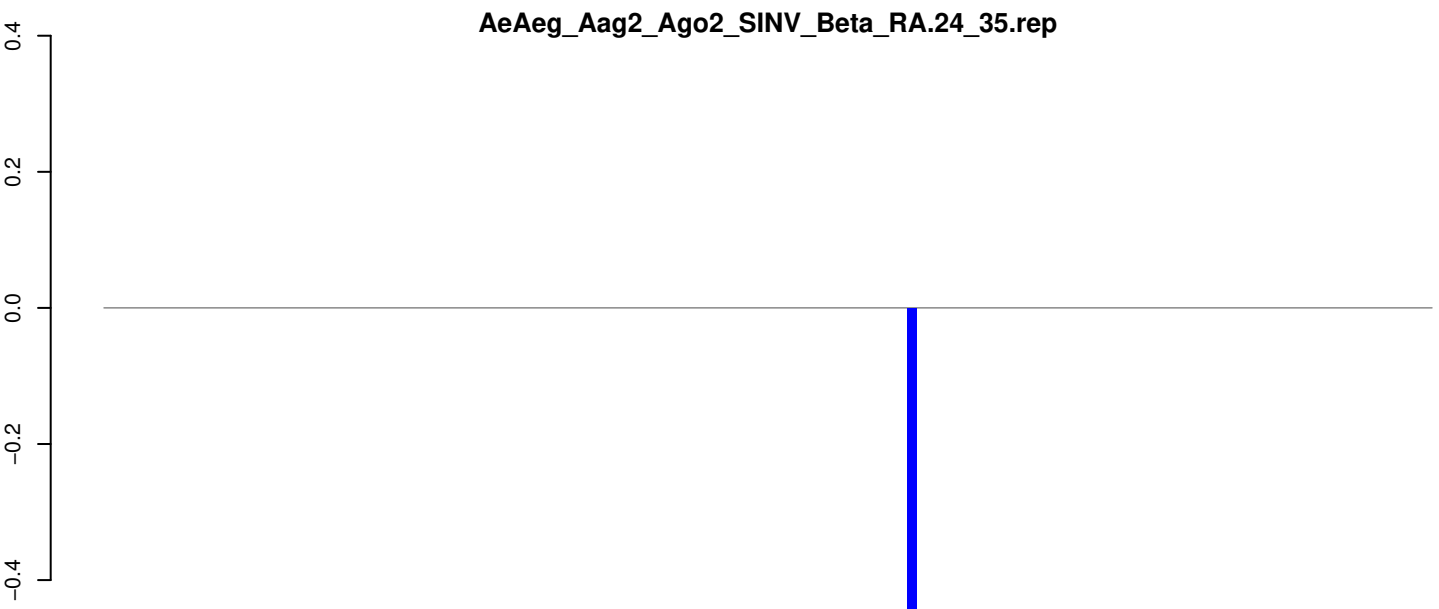
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



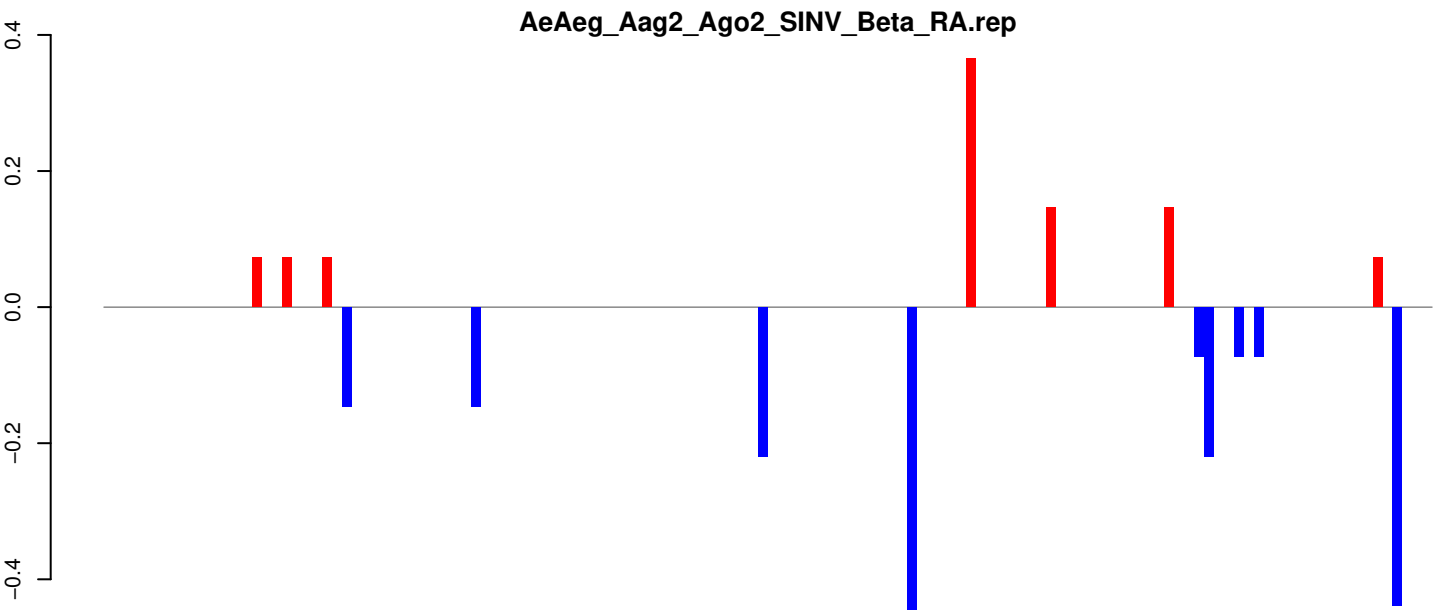




positive=1, negative=1, total=2



positive=0, negative=1, total=1

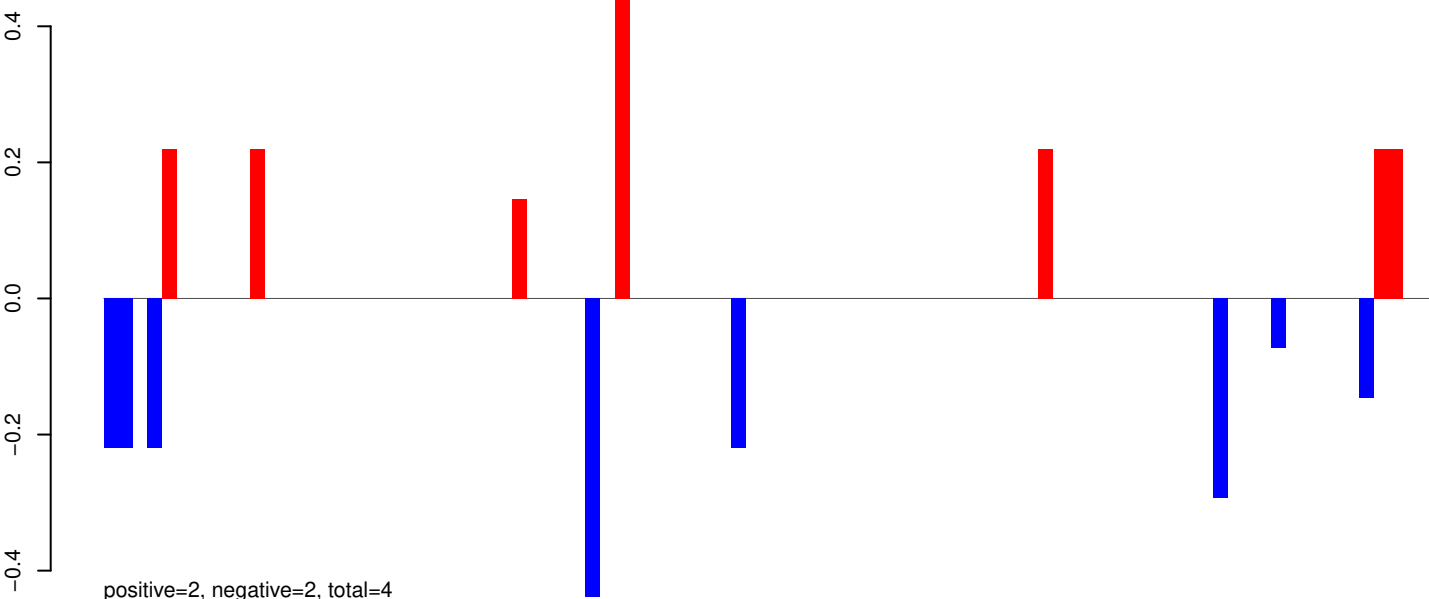


positive=1, negative=2, total=3

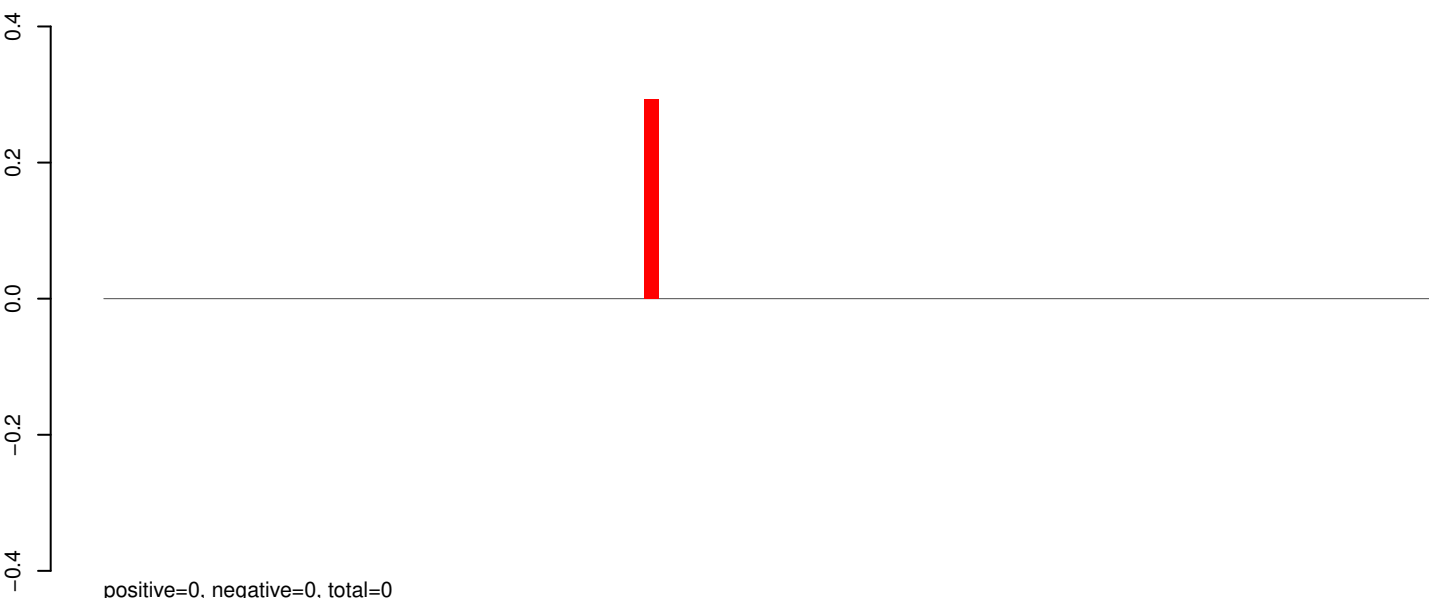
Window size=25, length=3338, TE@Sola2-N4\_AAE:1-3338

0 500 1000 1500 2000 2500 3000 3500

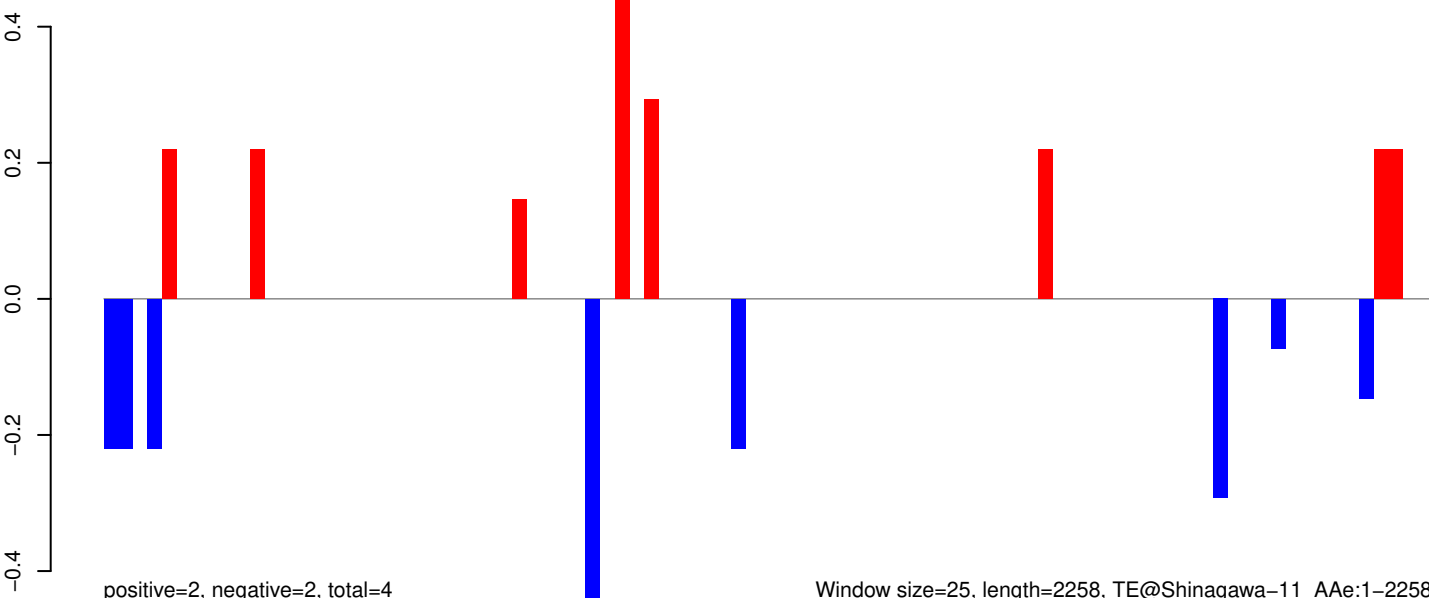
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



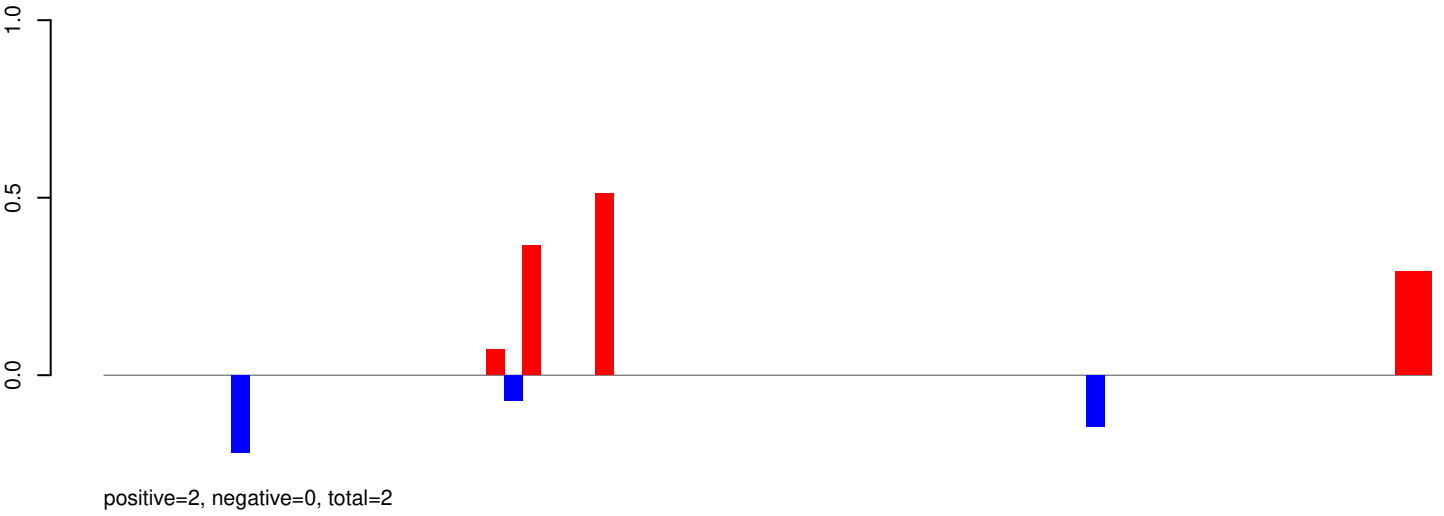
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



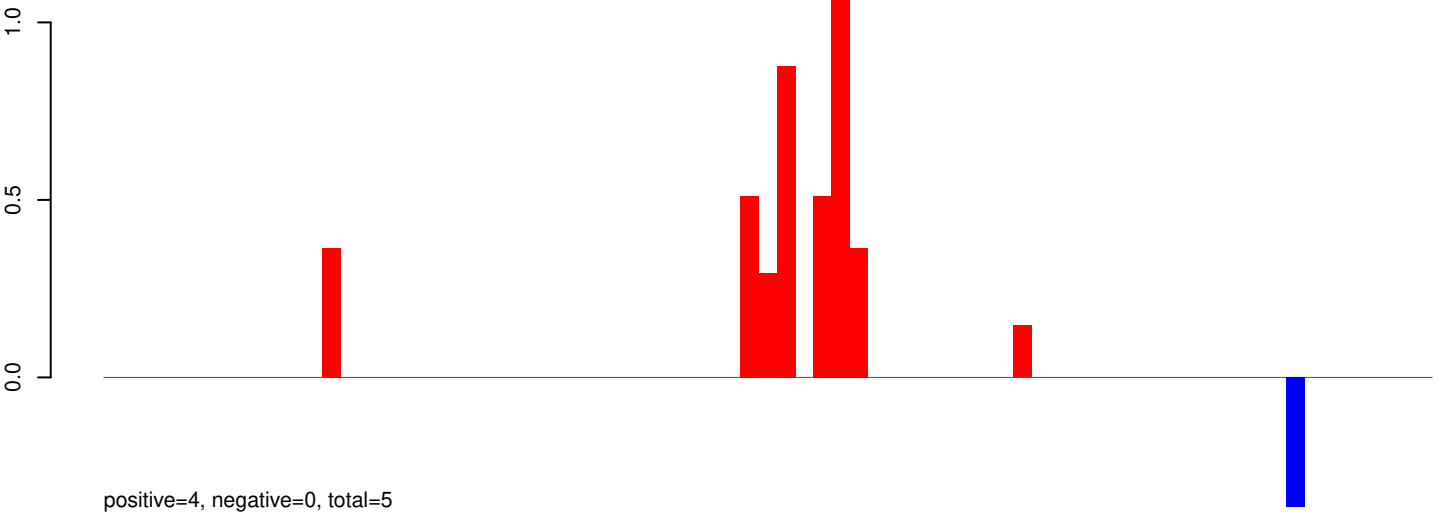
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



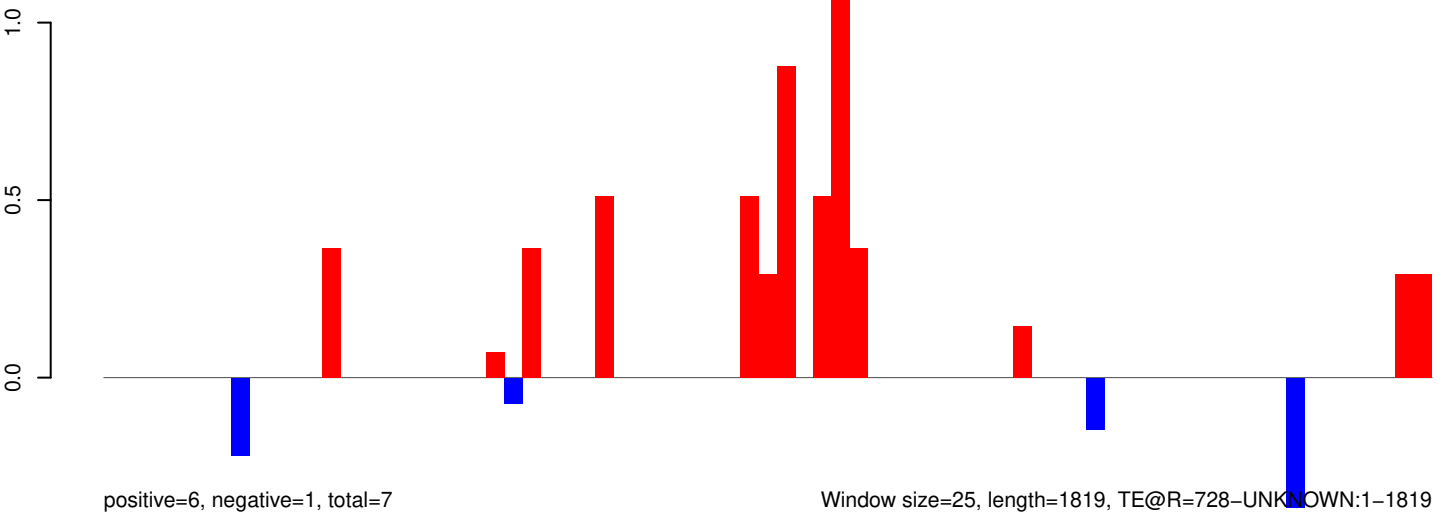
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

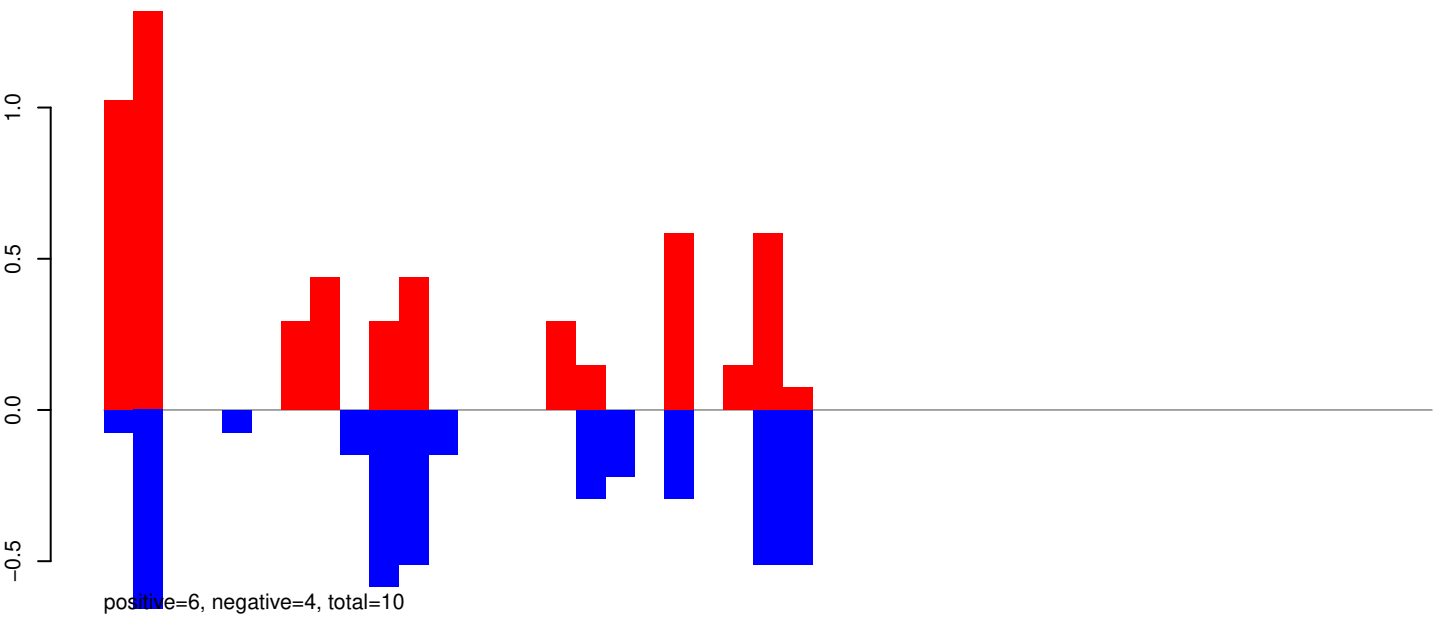


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

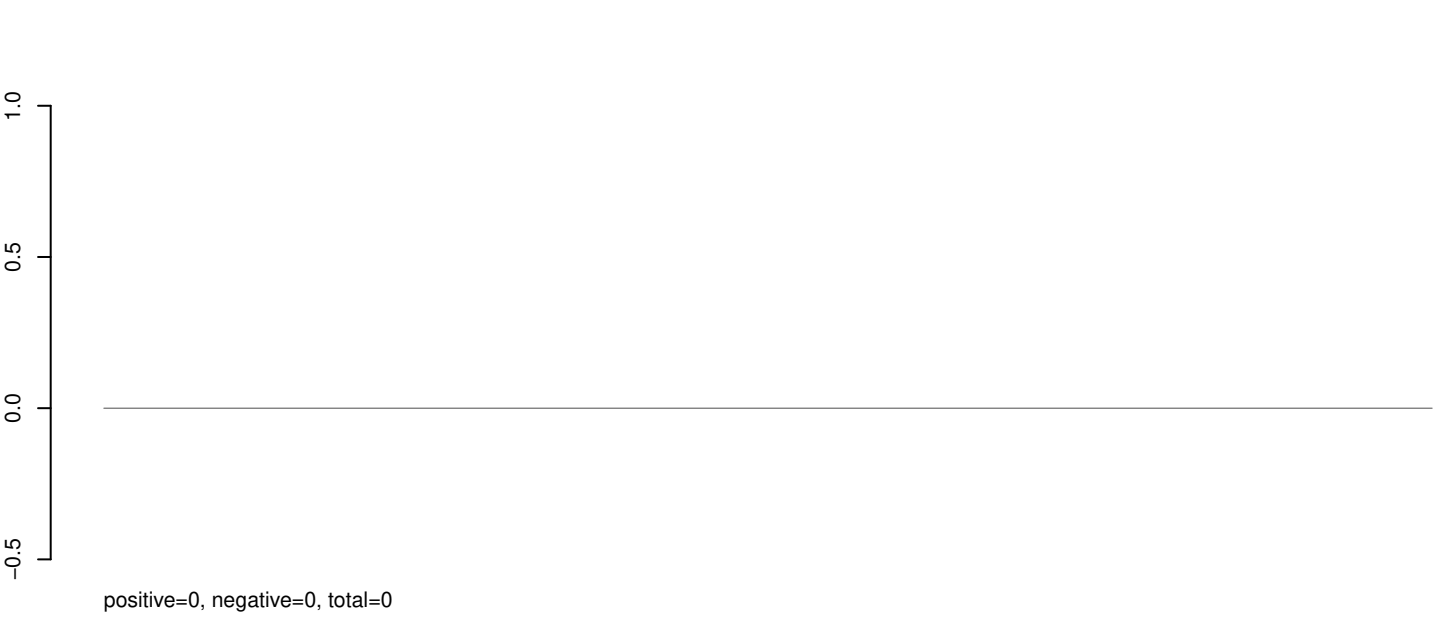


Window size=25, length=1819, TE@R=728-UNKNOWN:1-1819

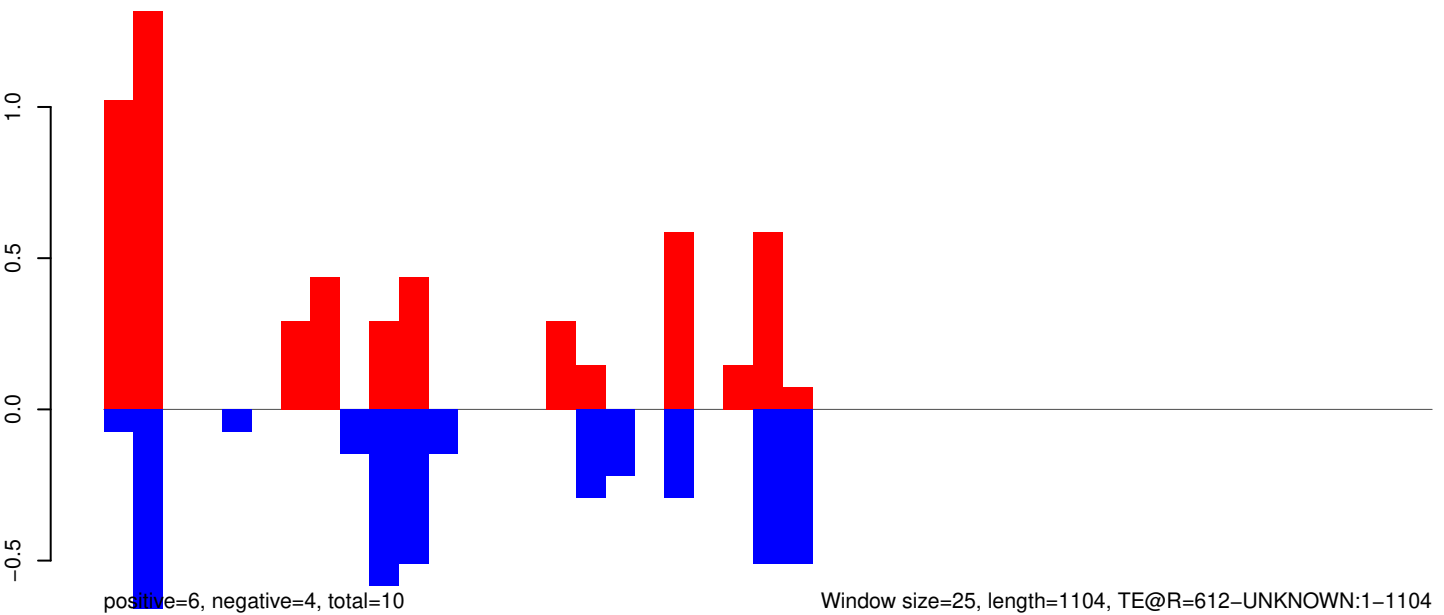
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

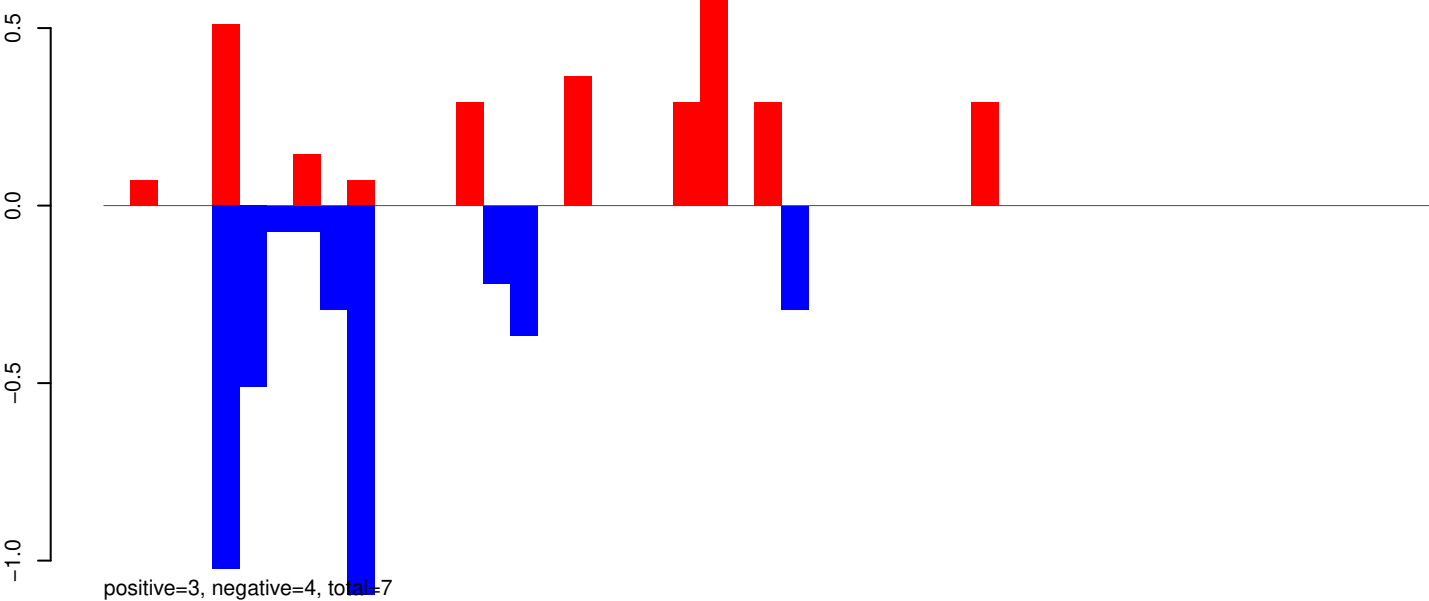


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

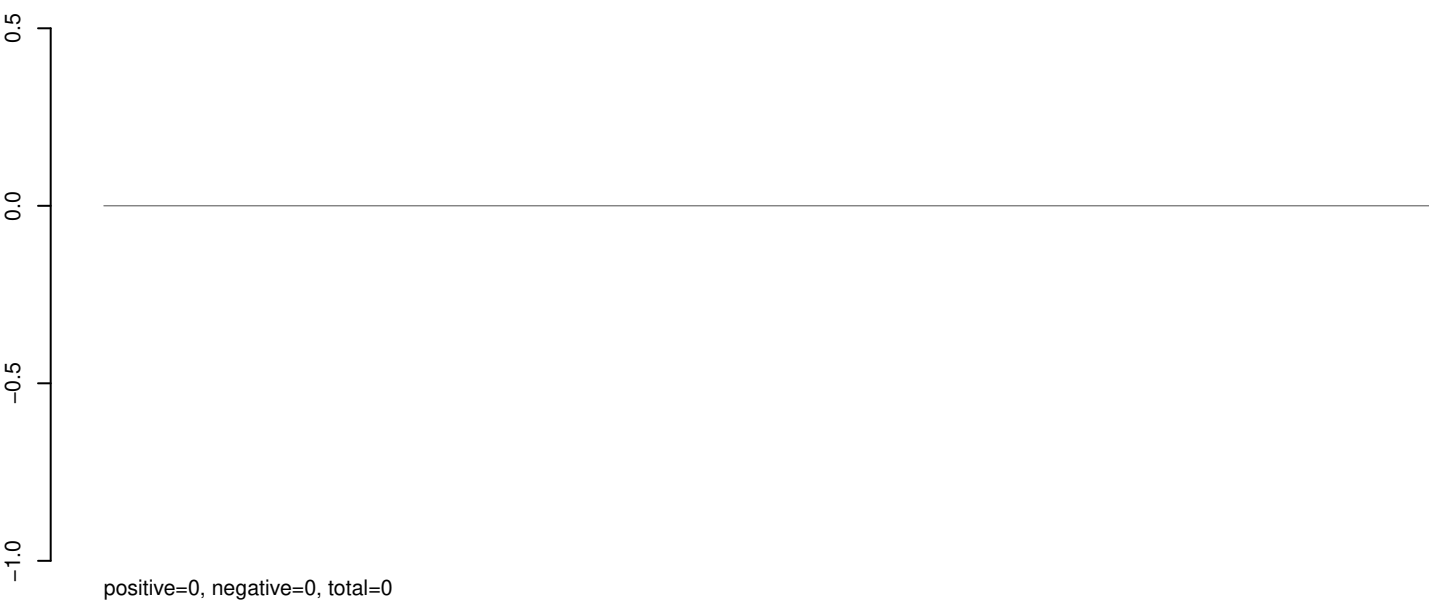


Window size=25, length=1104, TE@R=612-UNKNOWN:1-1104

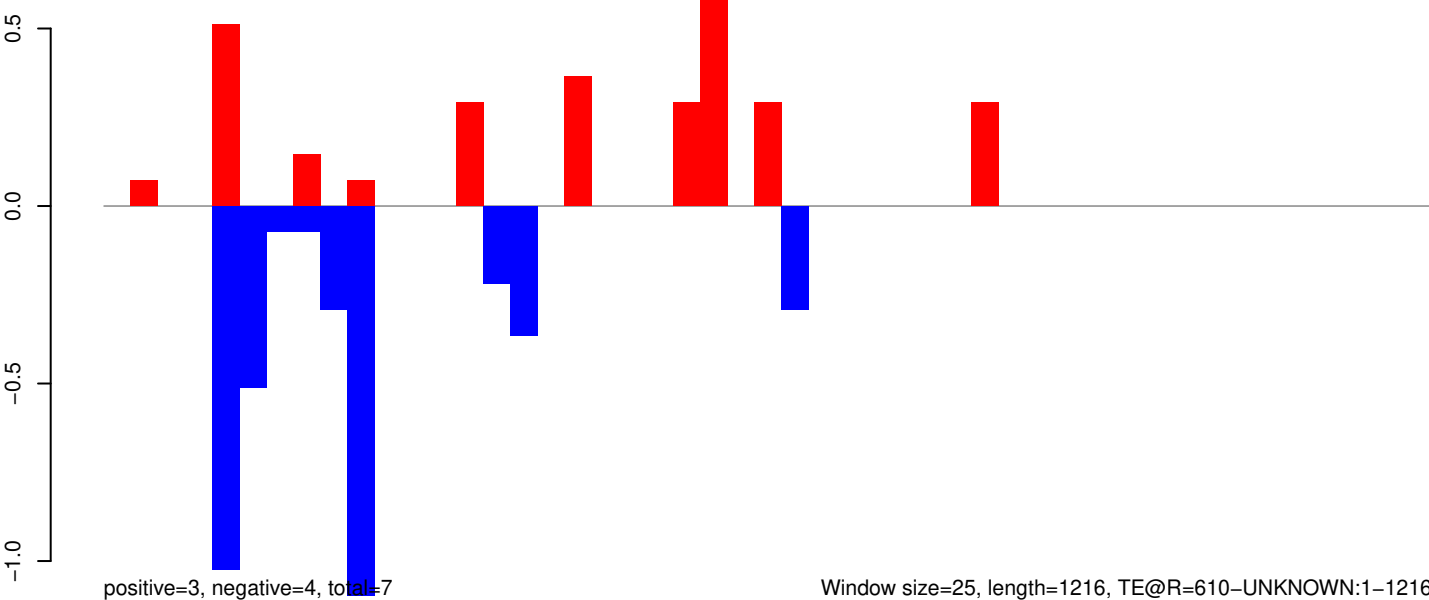
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



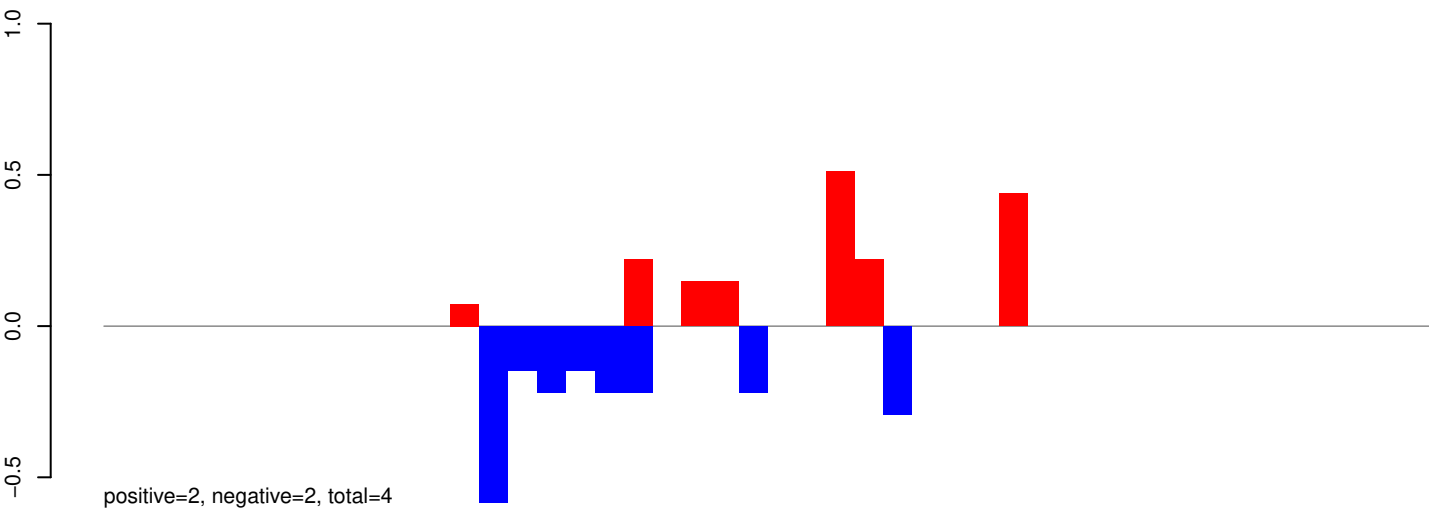
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



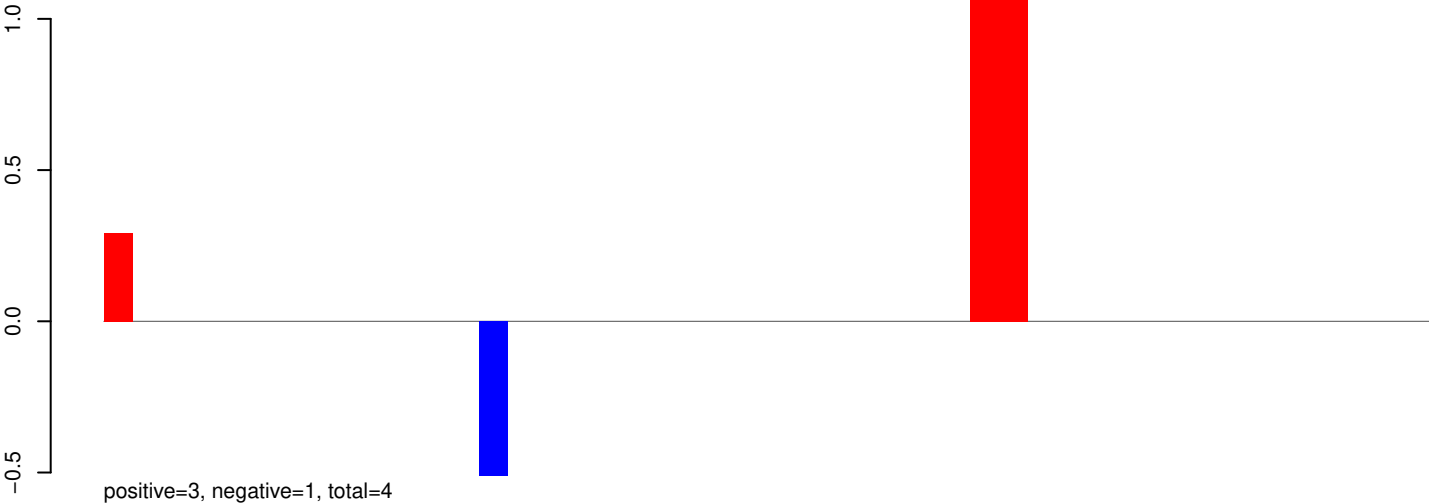
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



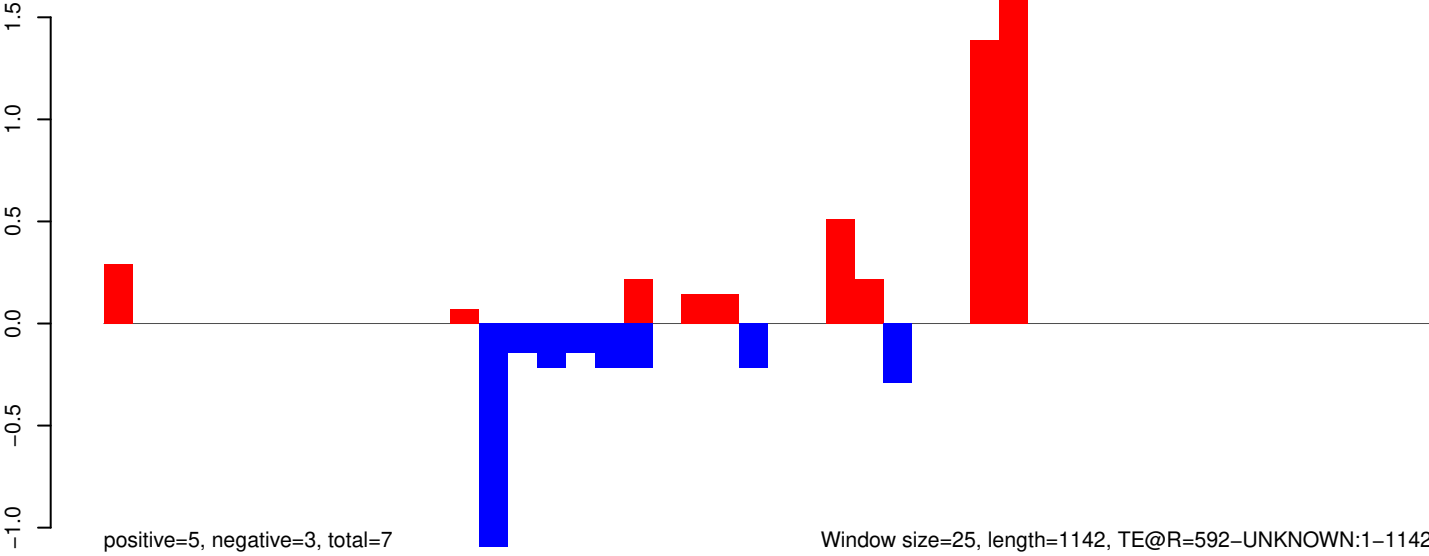
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



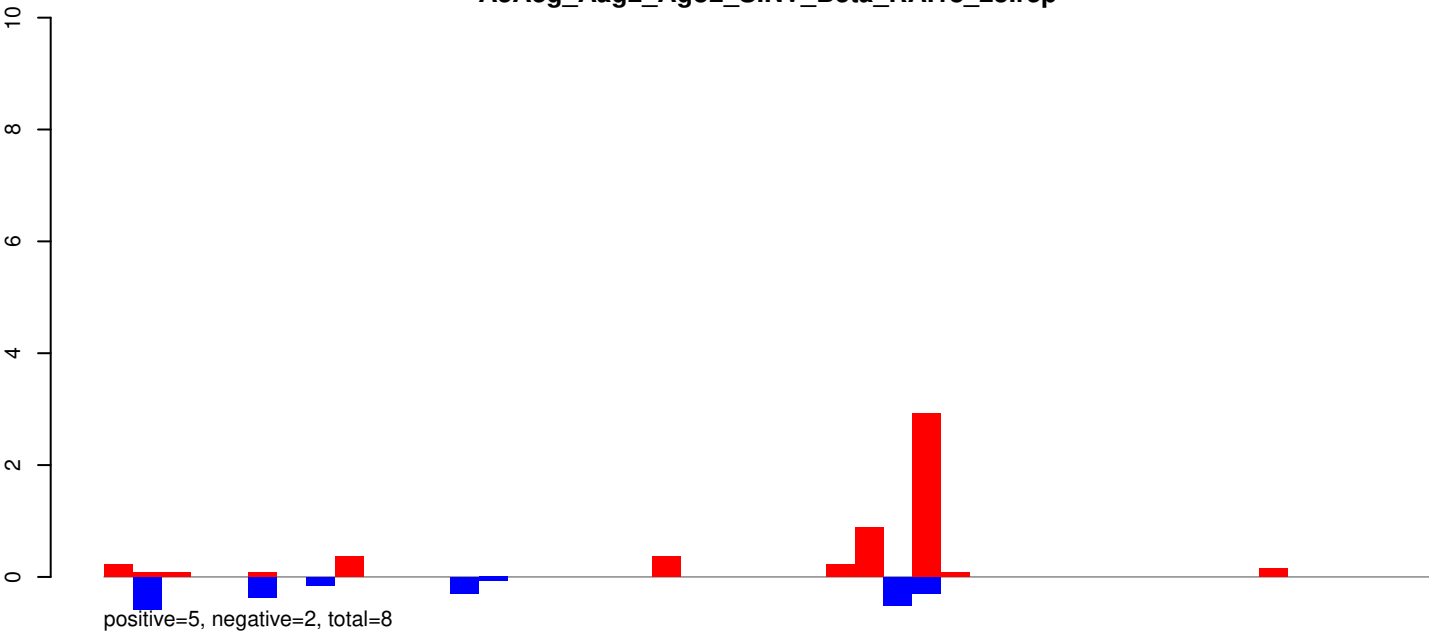
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



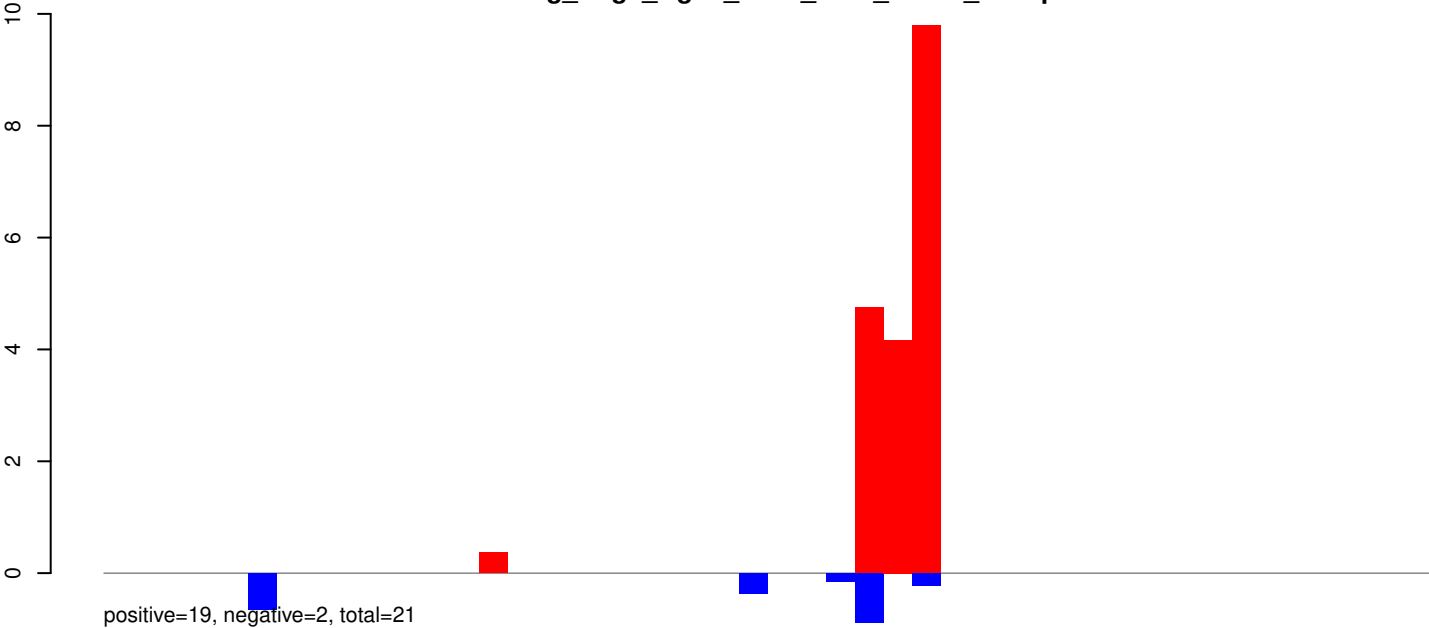
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



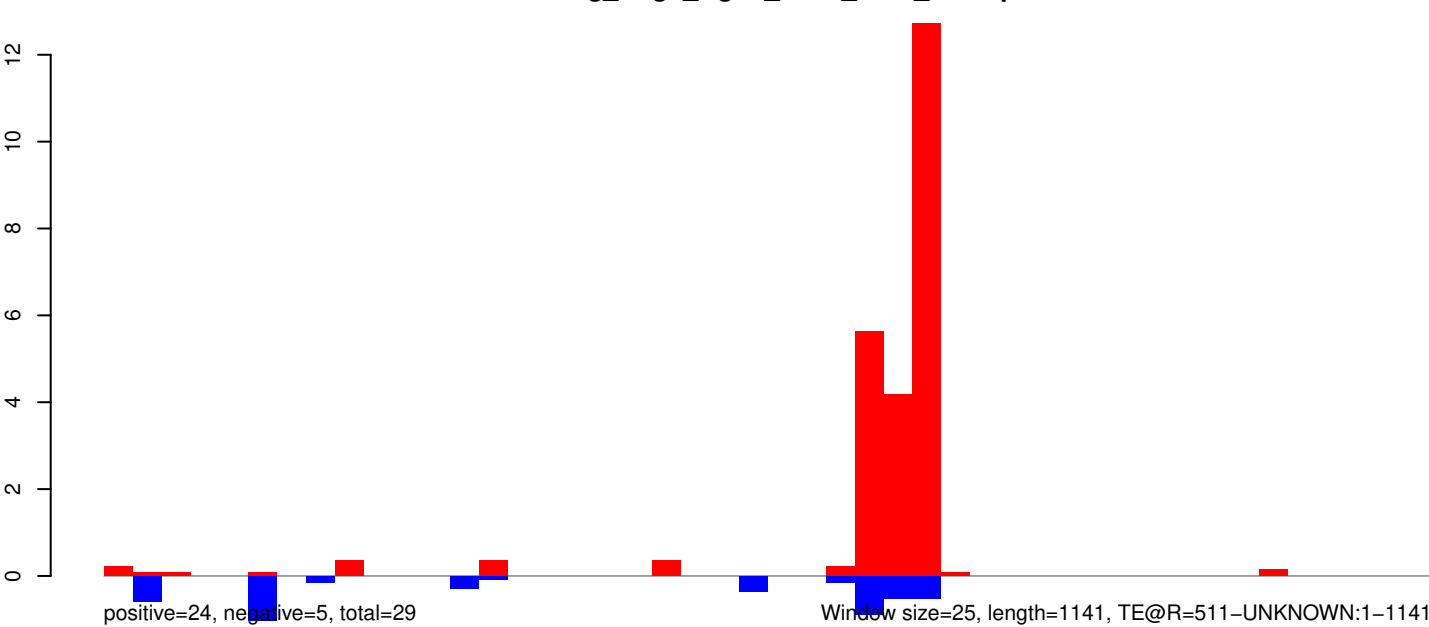
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



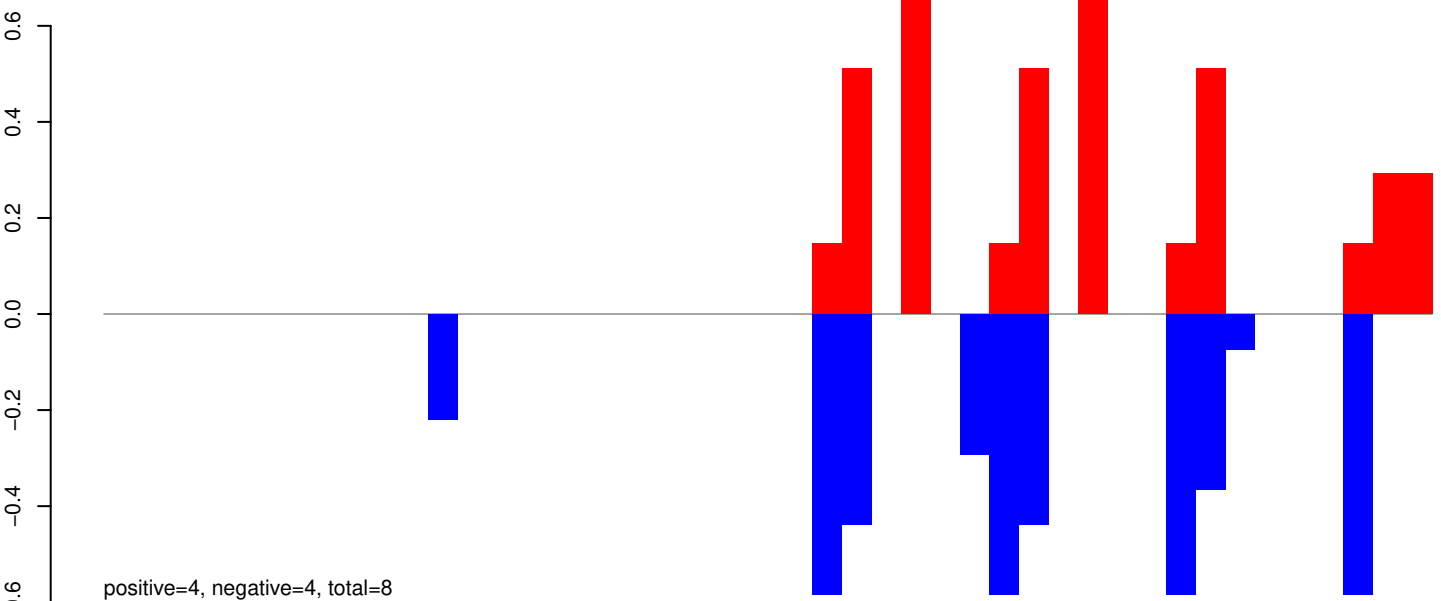
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



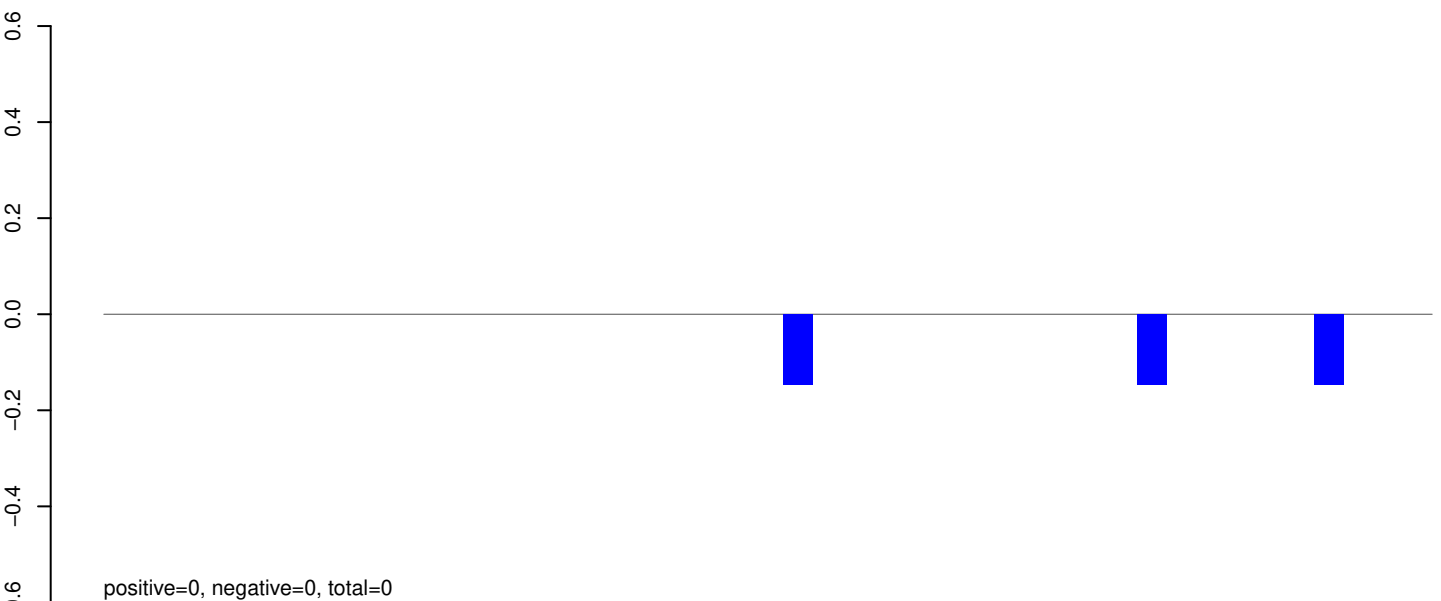
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



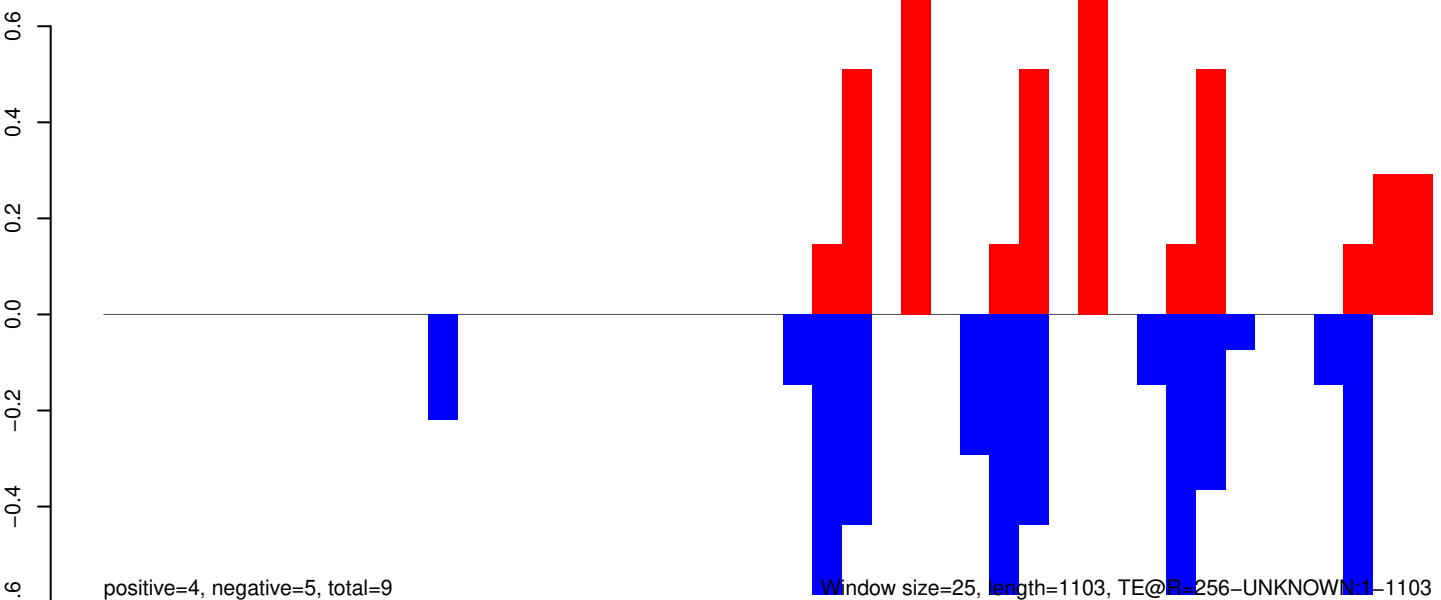
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



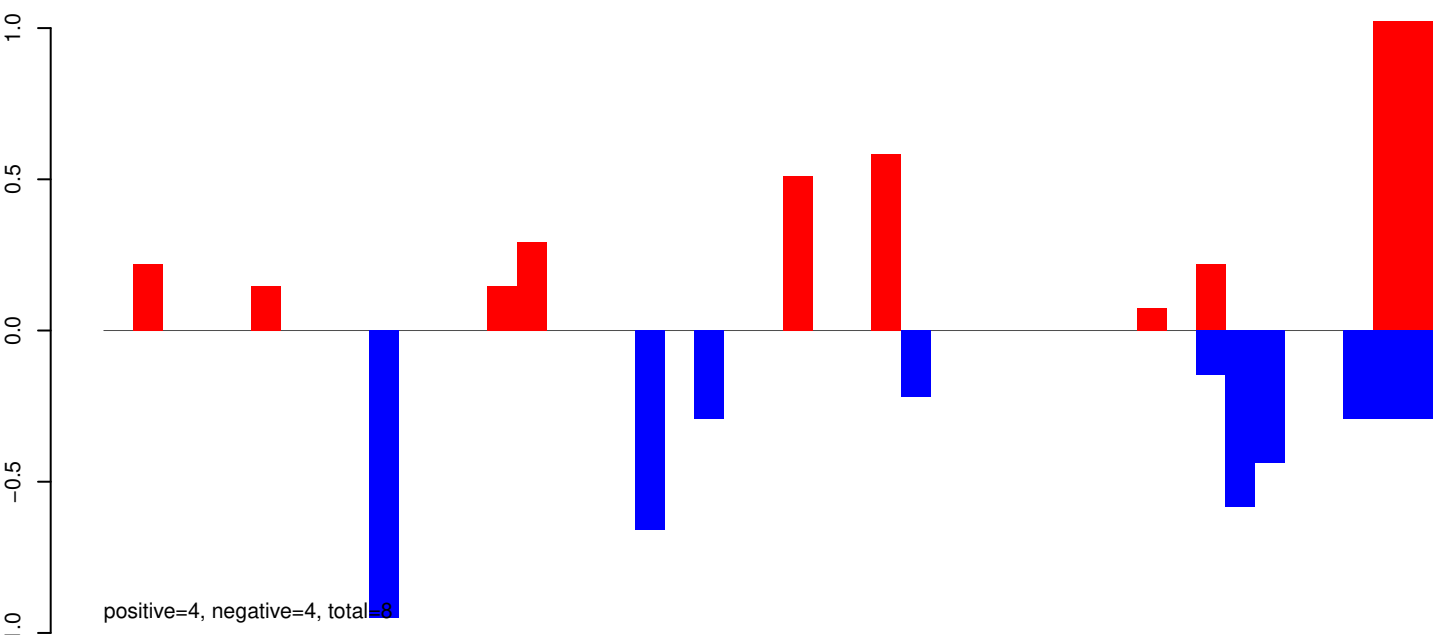
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



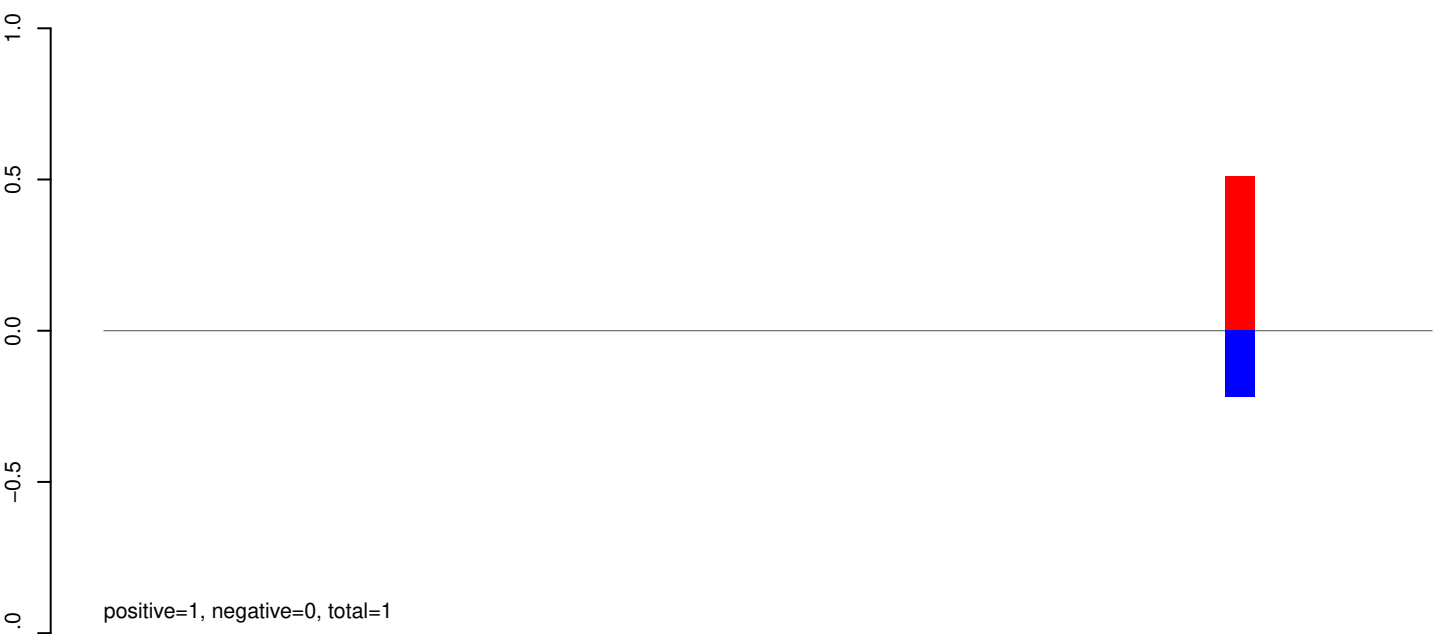
Window size=25, length=1103, TE@B=256-UNKNOWN:1-1103



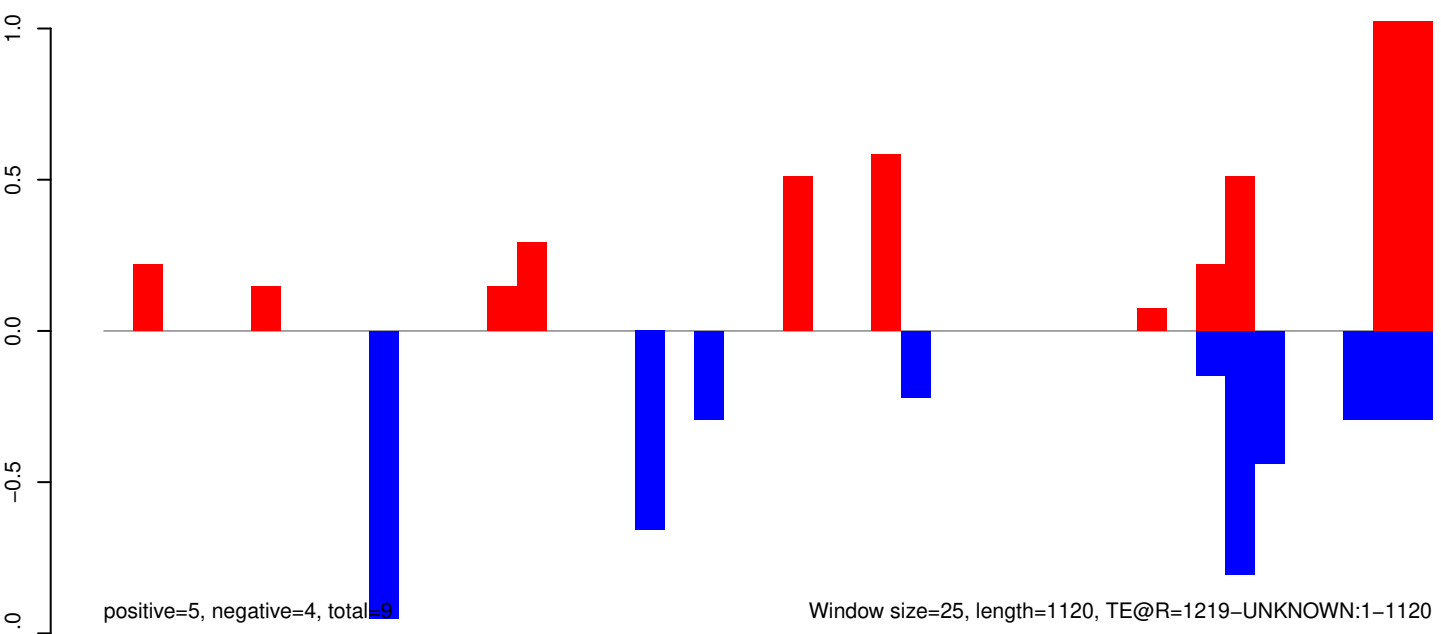
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

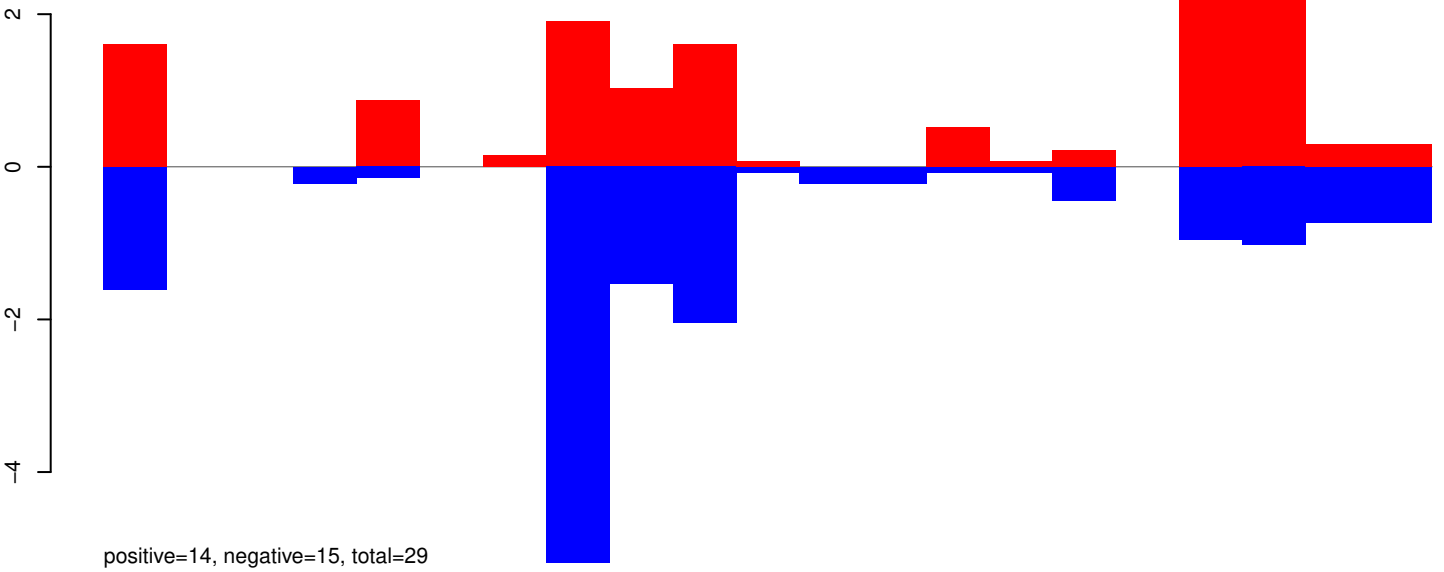


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

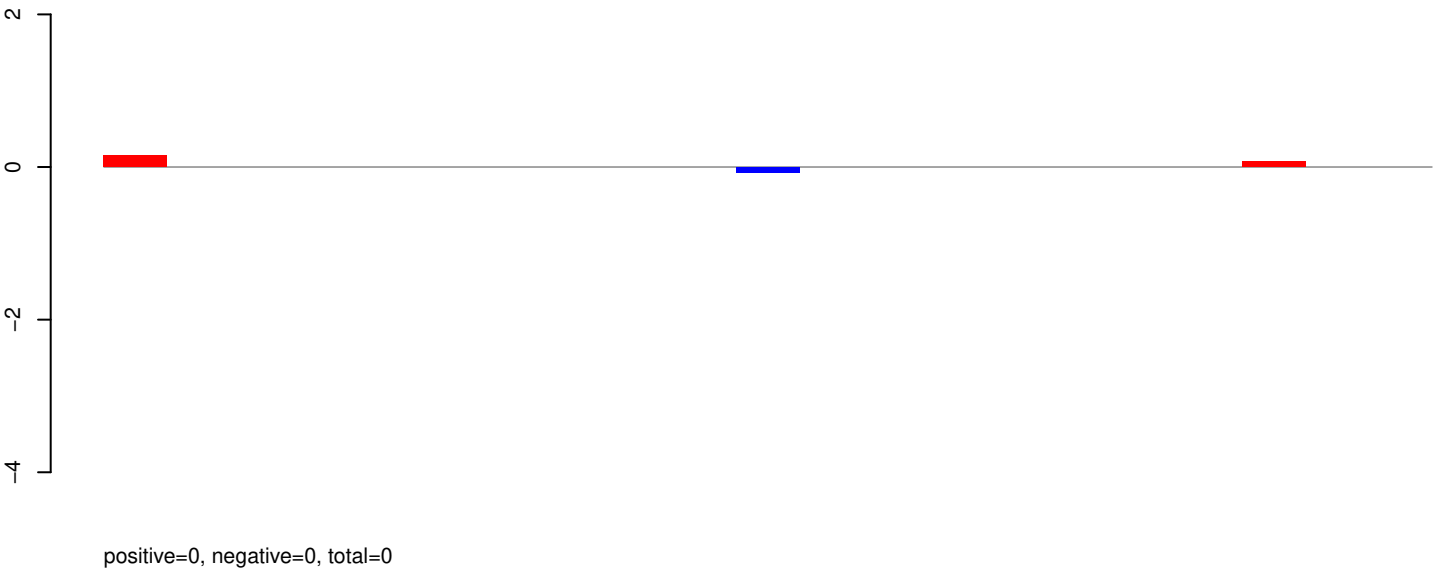


Window size=25, length=1120, TE@R=1219-UNKNOWN:1-1120

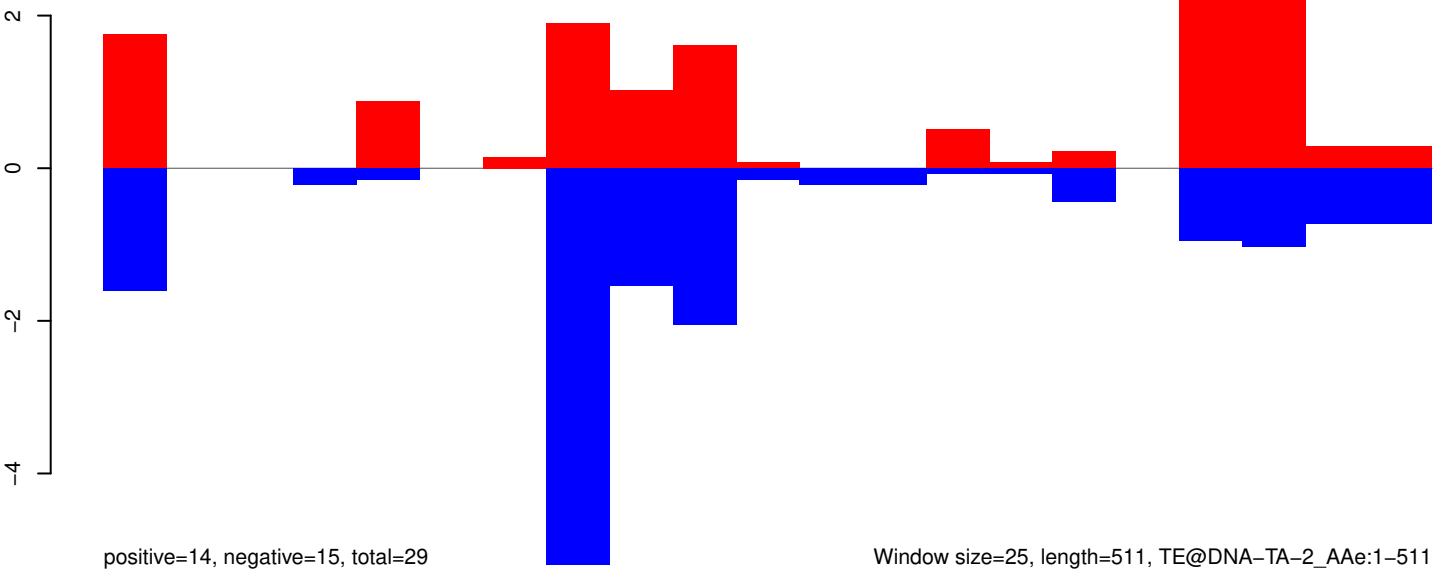
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



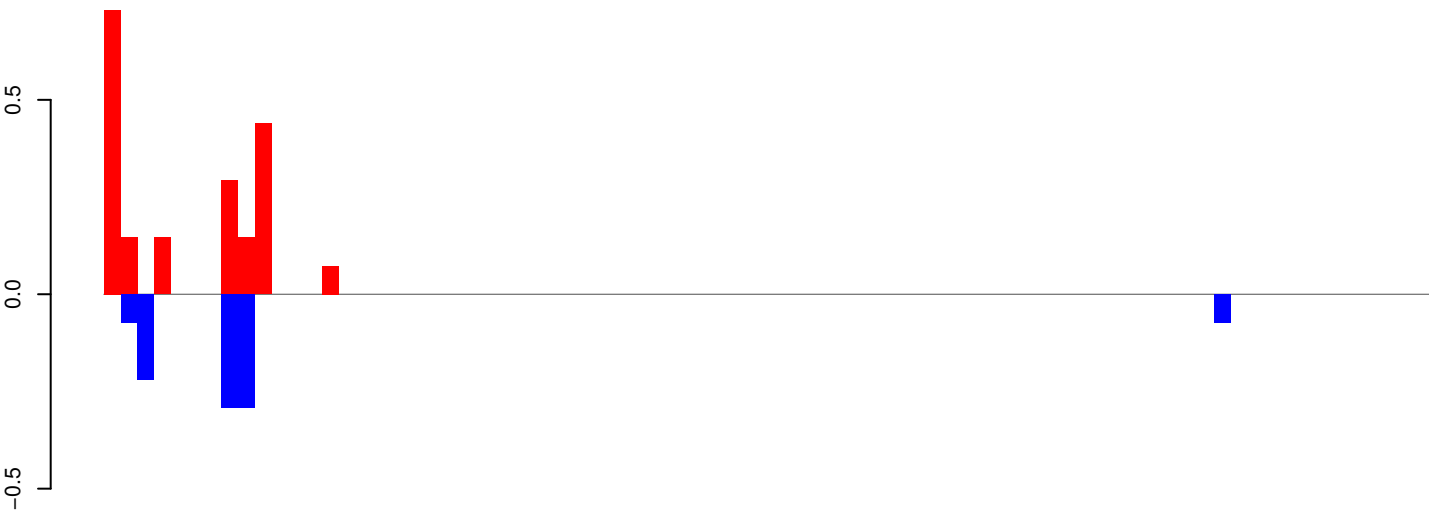
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=511, TE@DNA-TA-2\_AAe:1-511

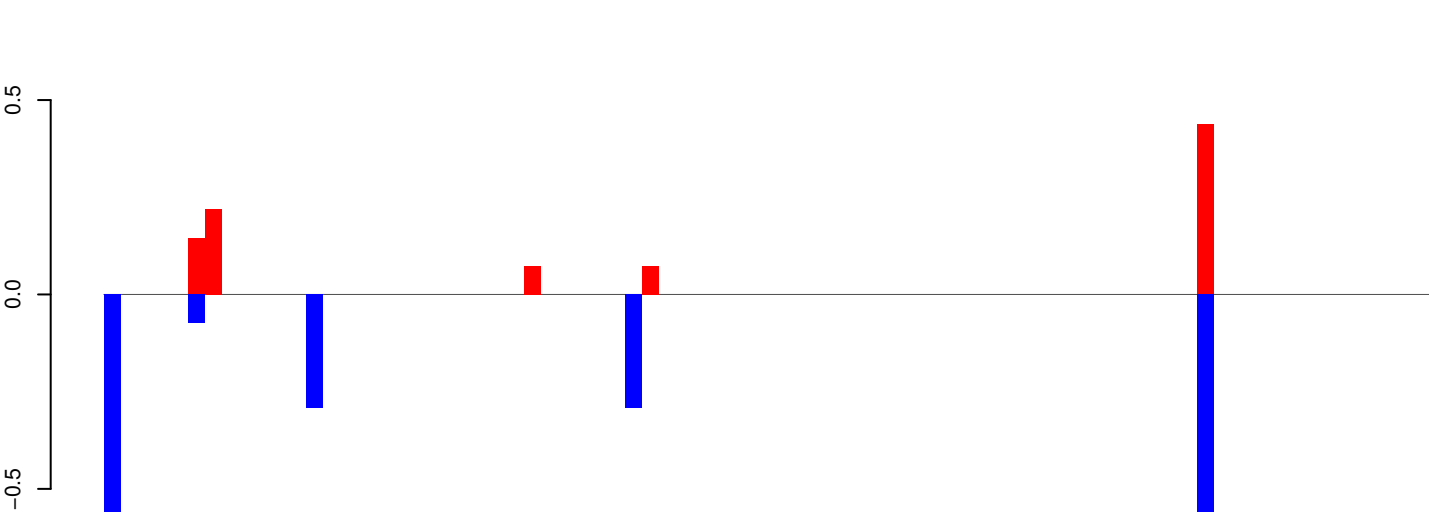
100 200 300 400 500

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



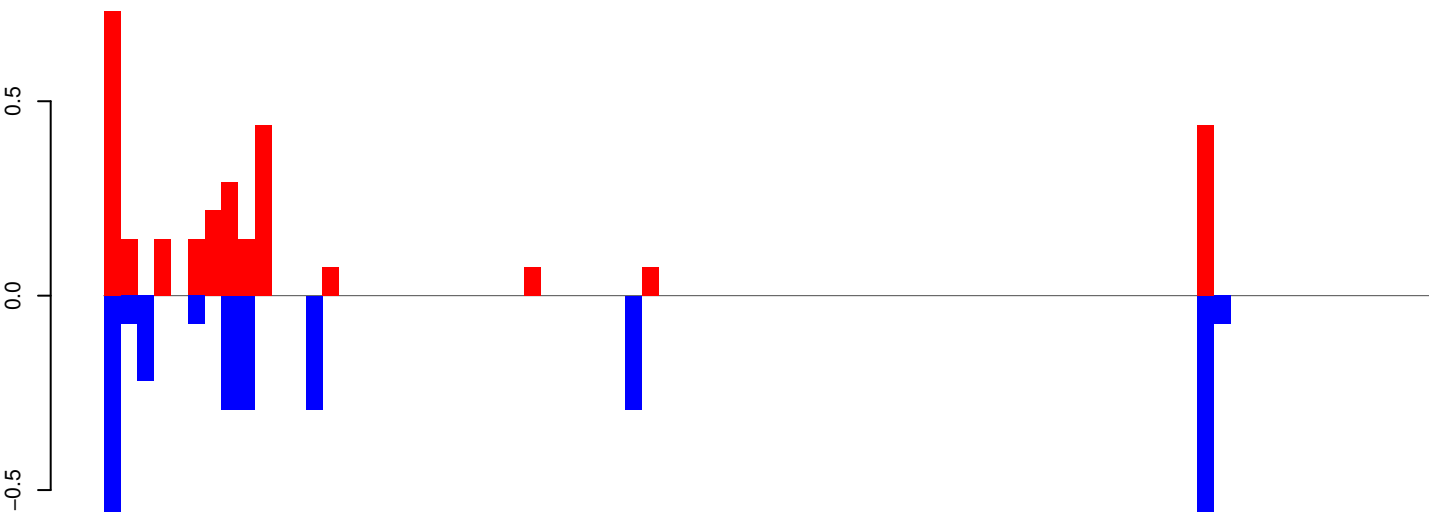
positive=2, negative=1, total=3

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=2, total=3

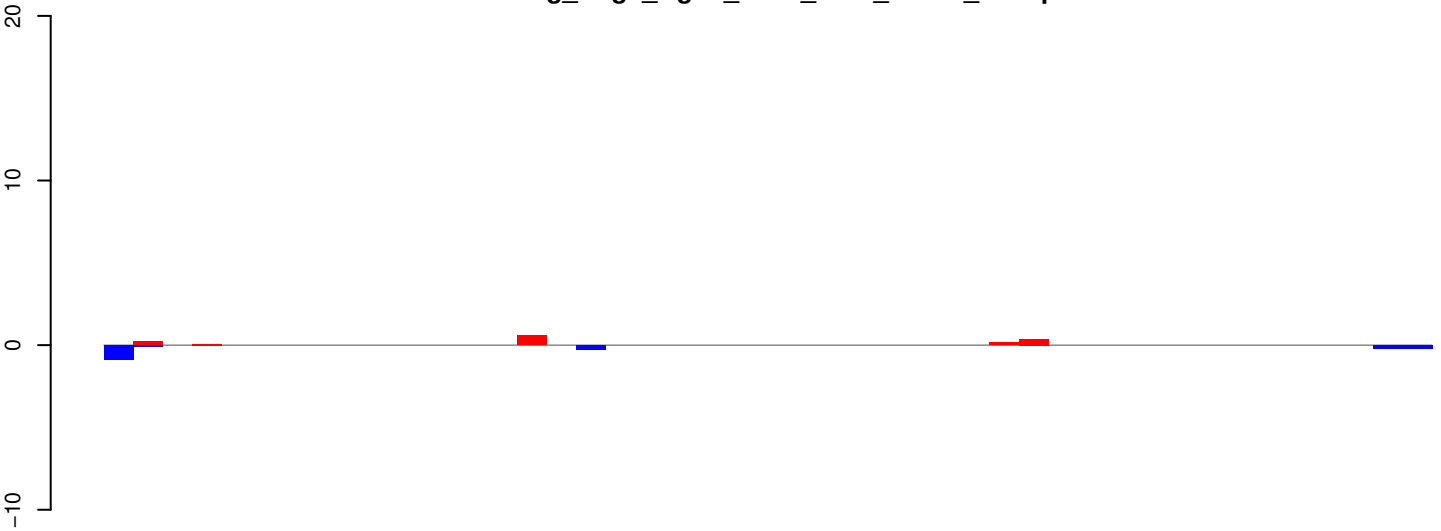
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



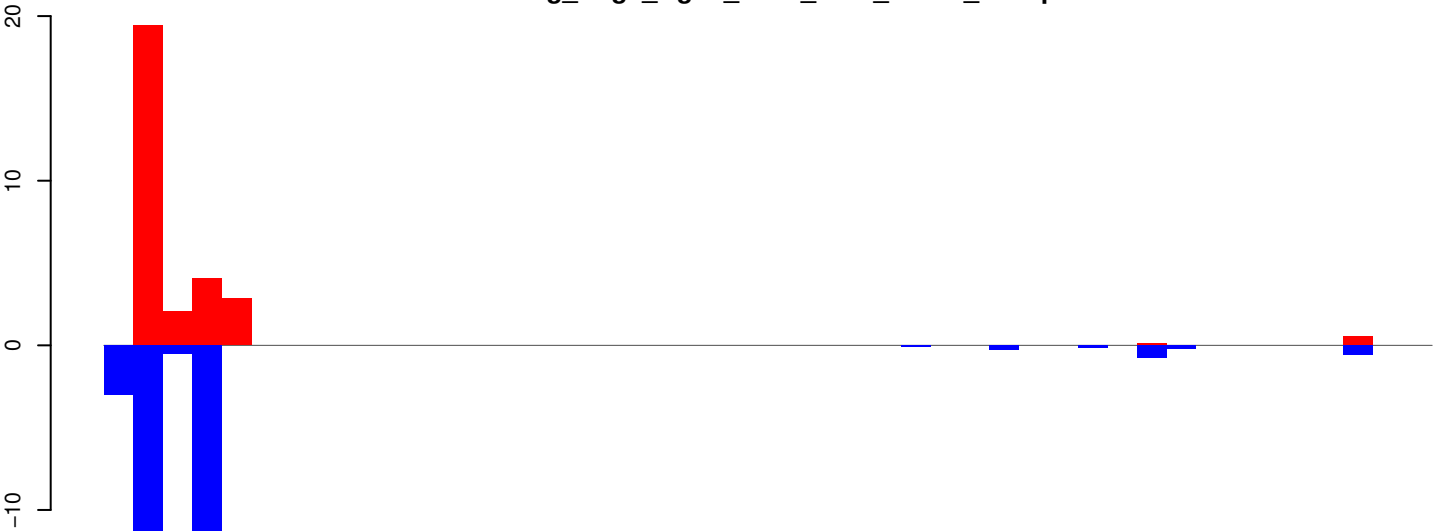
positive=3, negative=3, total=6

Window size=25, length=1975, TE@AY009103.1:1-1975

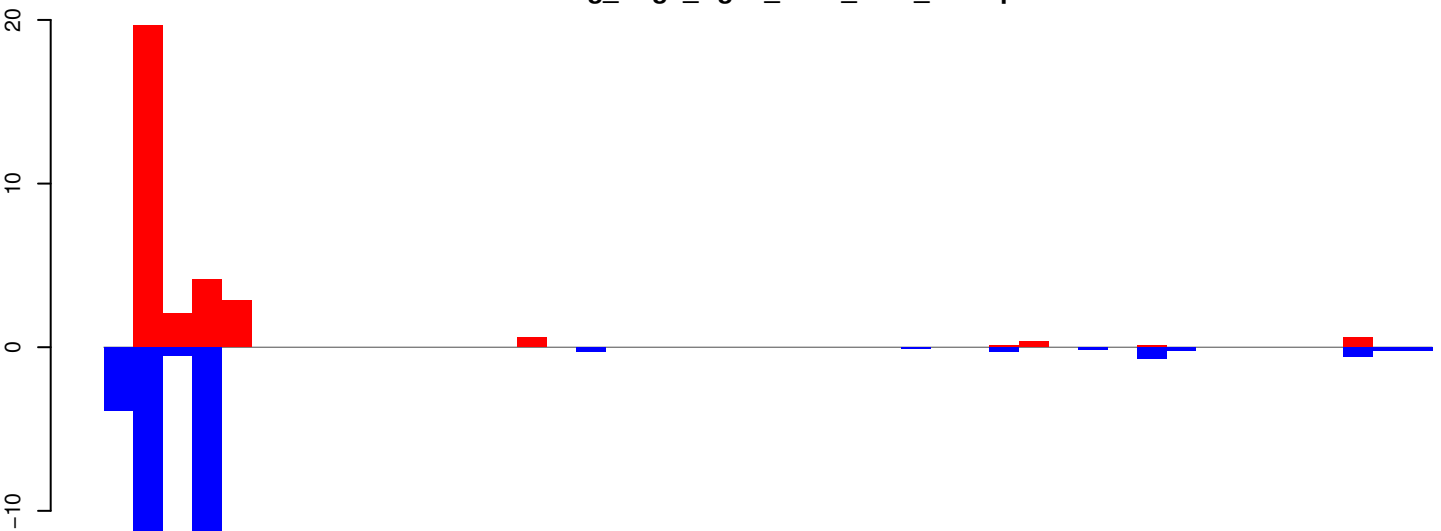
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



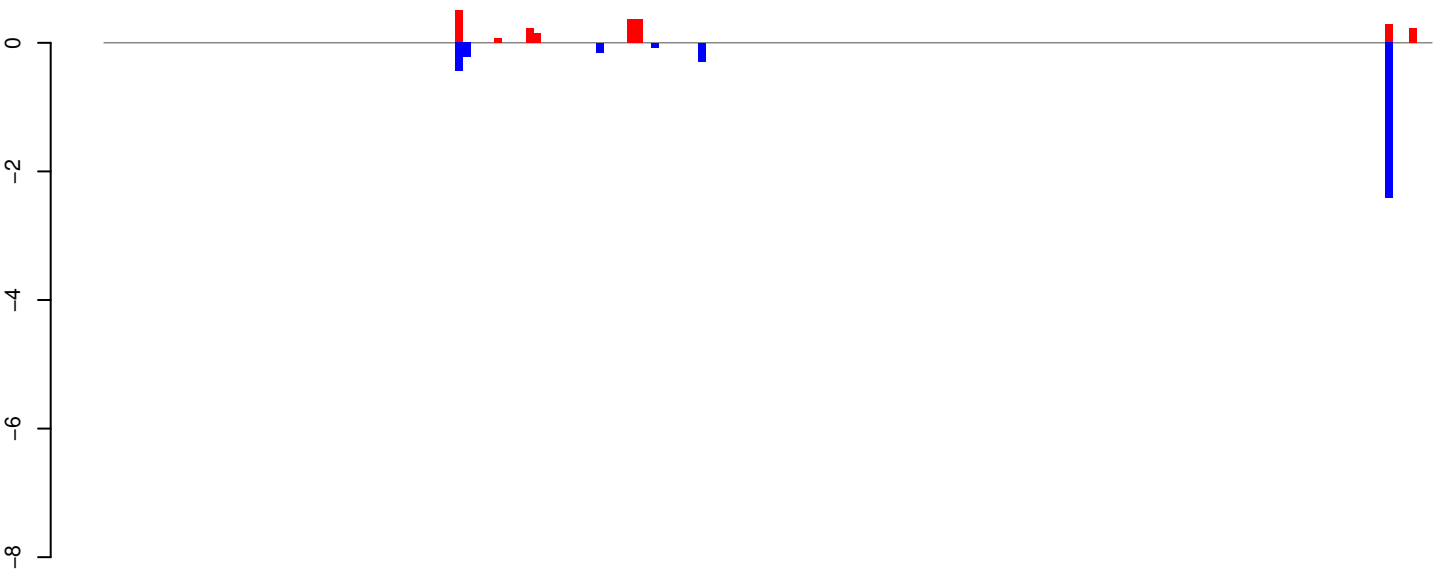
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

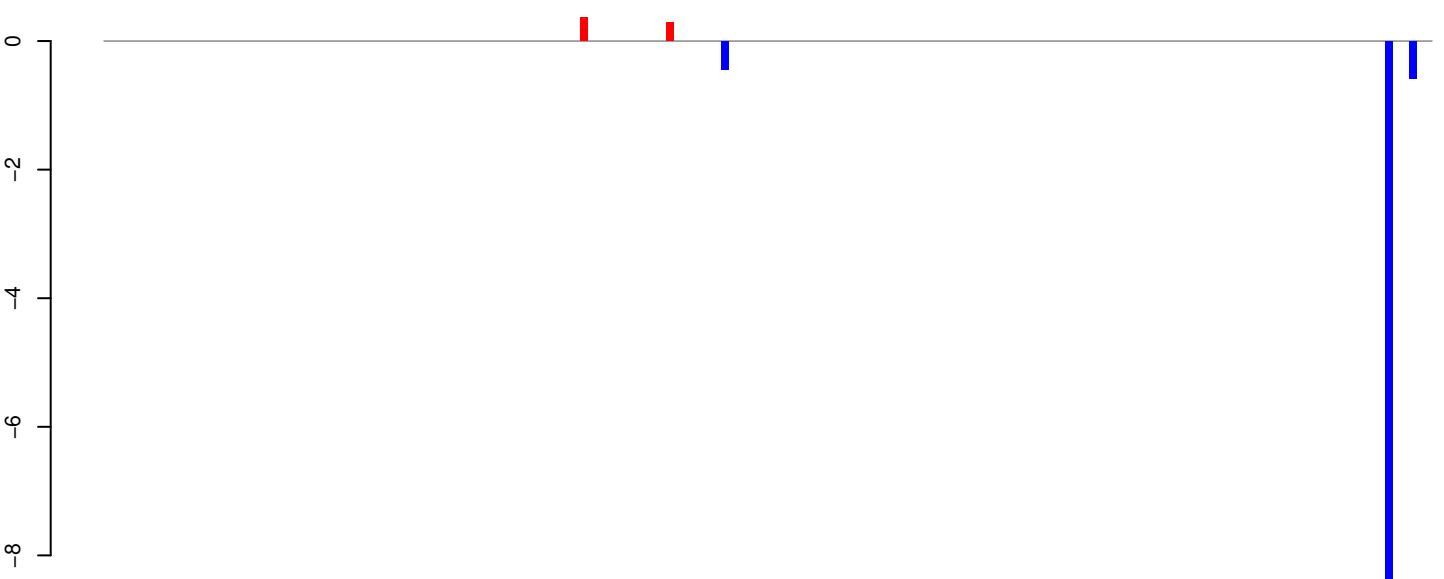


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



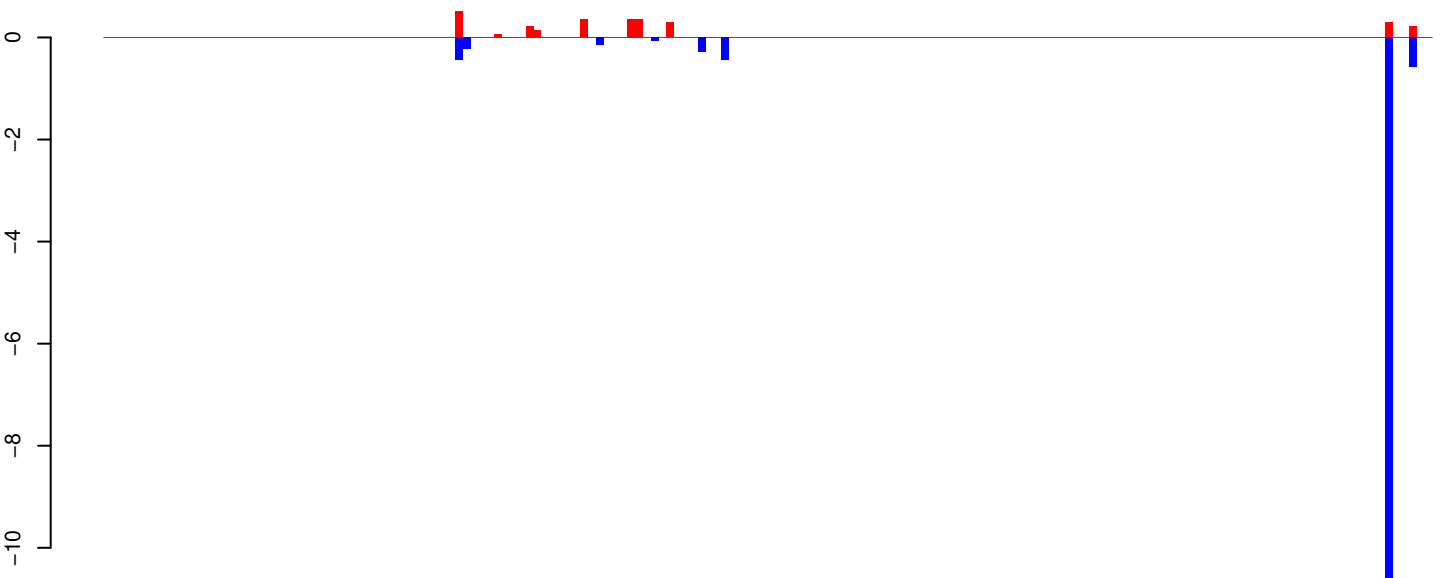
positive=2, negative=4, total=6

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



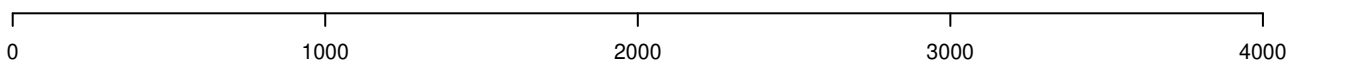
positive=1, negative=10, total=10

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

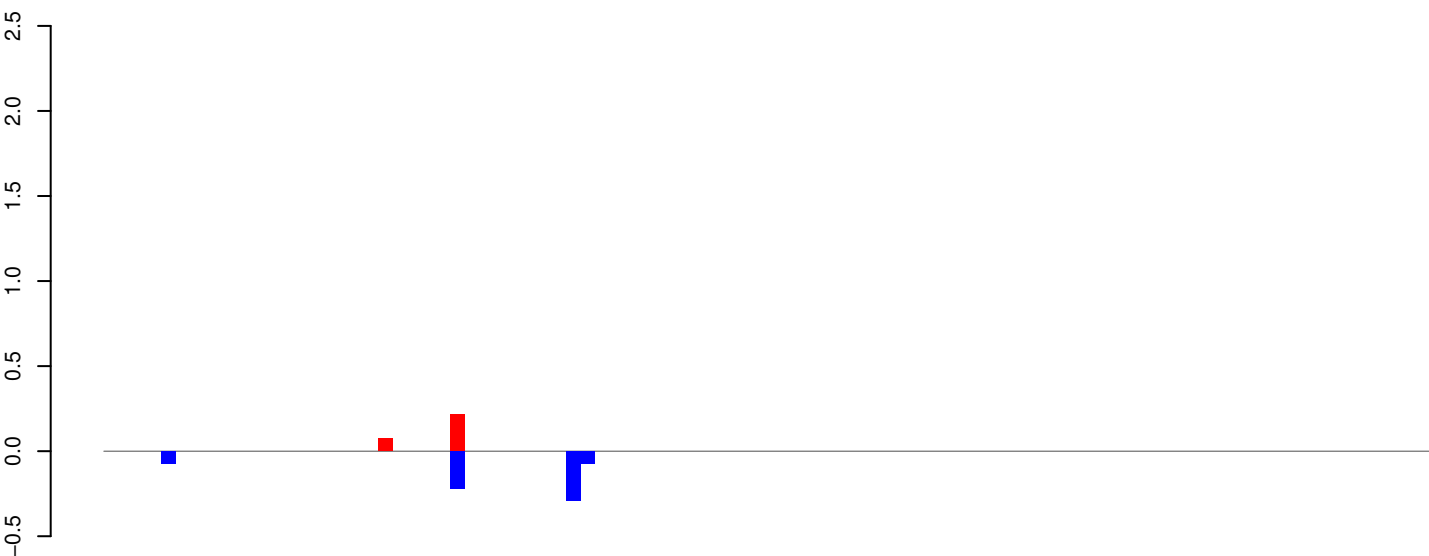


positive=3, negative=13, total=16

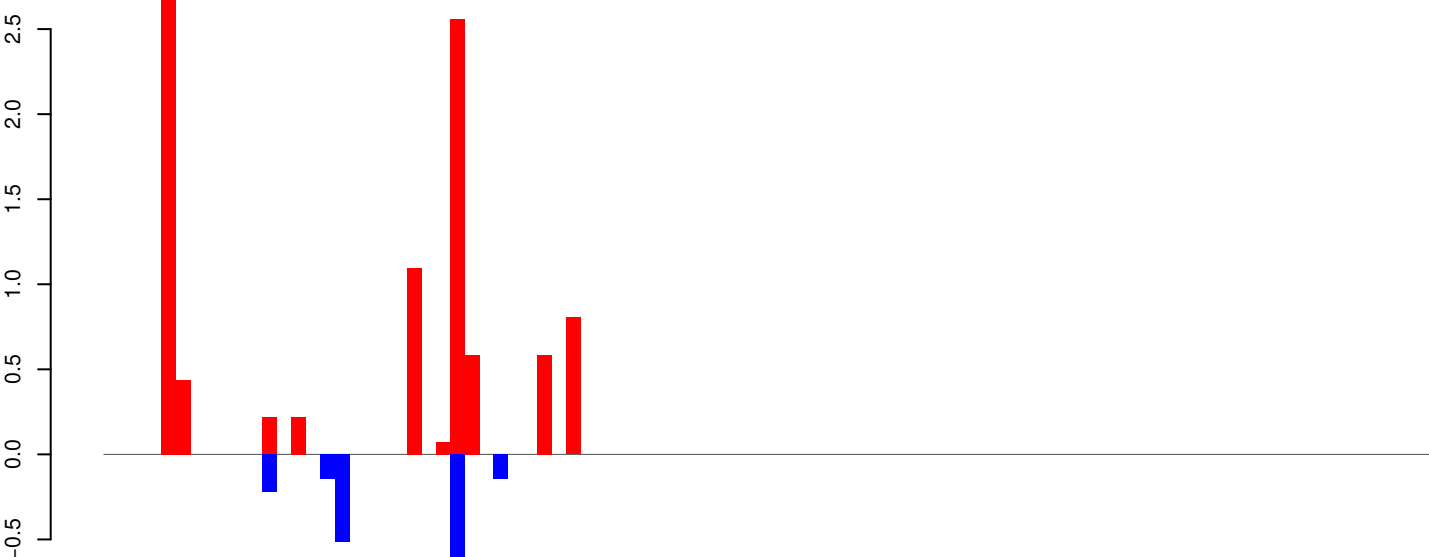
Window size=25, length=4242, TE@TF001157-Ty1\_copia\_Ele176:1-4242



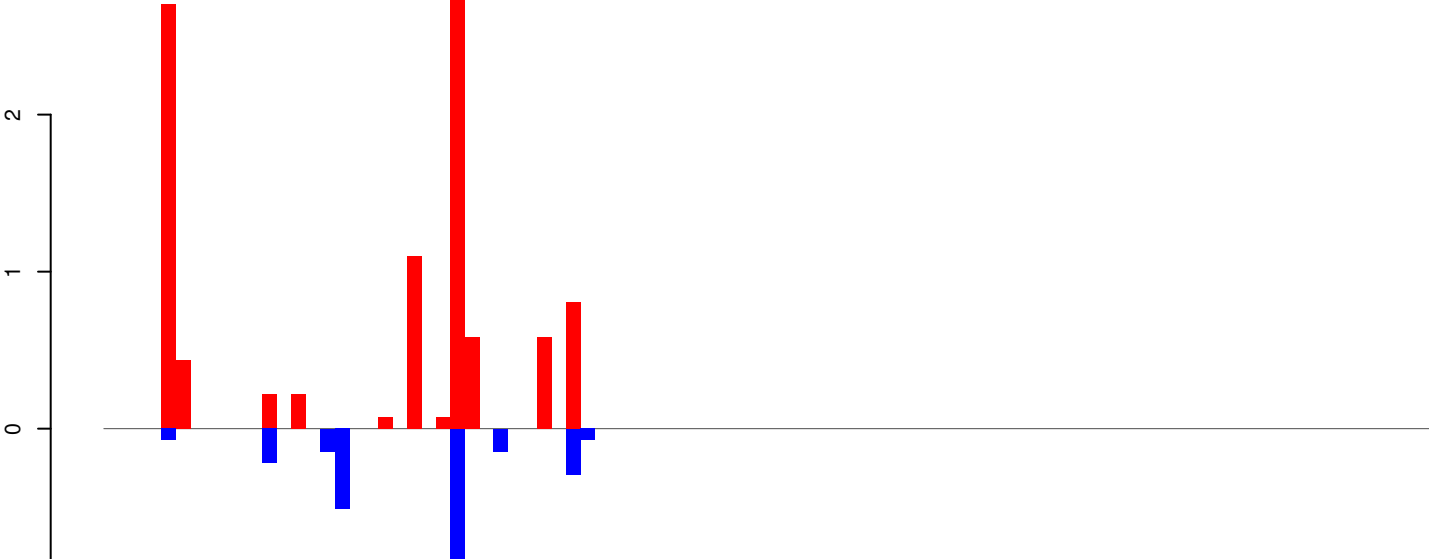
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



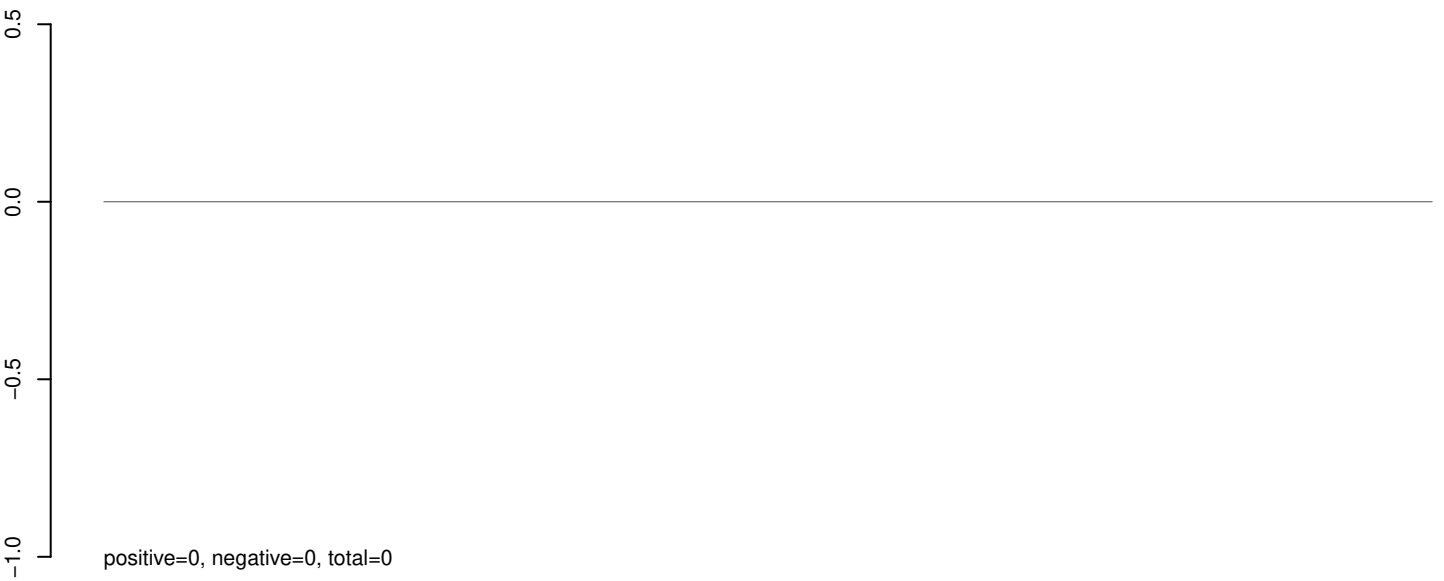
Window size=25, length=2299, TE@TF001120-Ty1\_copia\_Ele108:1-2299

0 500 1000 1500 2000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



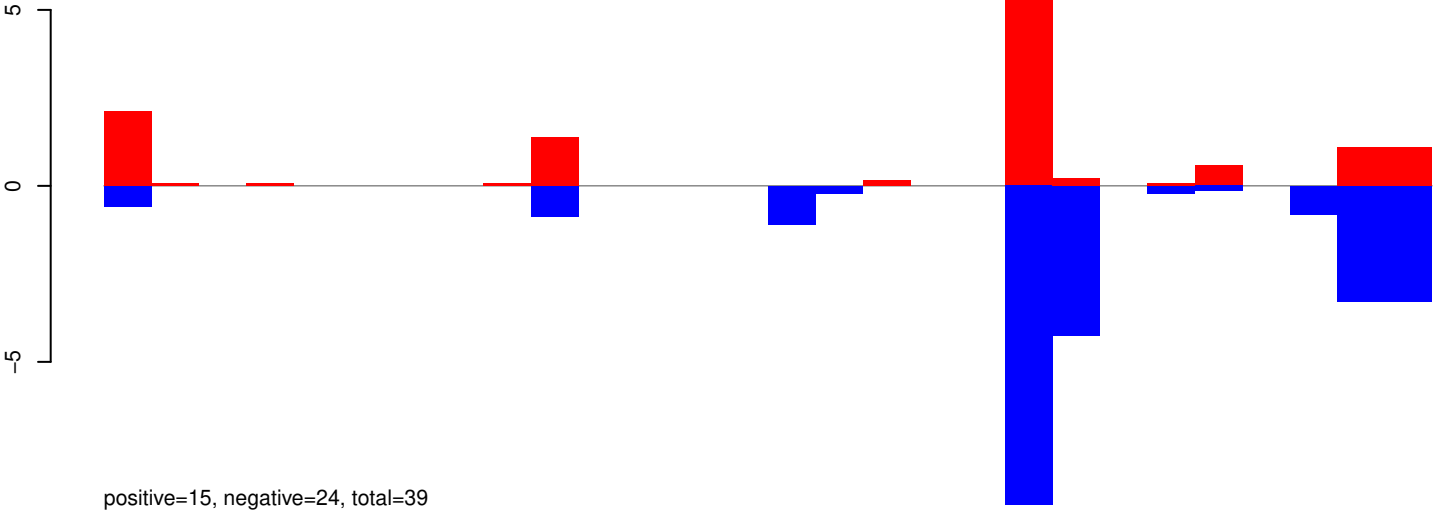
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



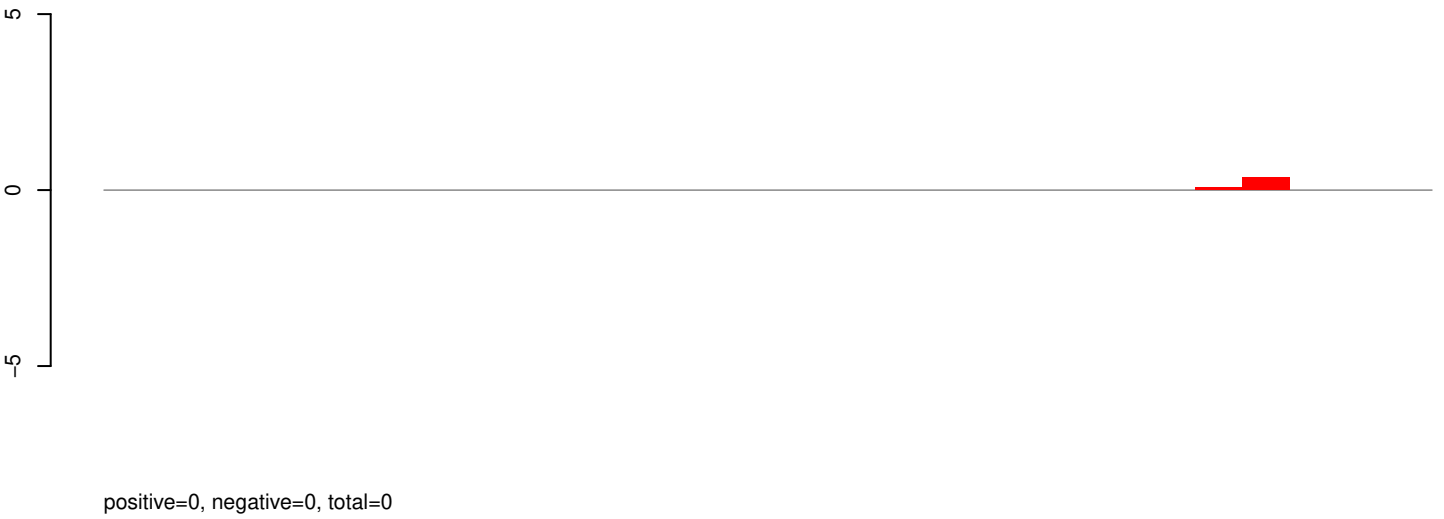
Window size=25, length=4615, TE@TF000985-Ty1\_copia\_Ele173:1-4615

0 1000 2000 3000 4000

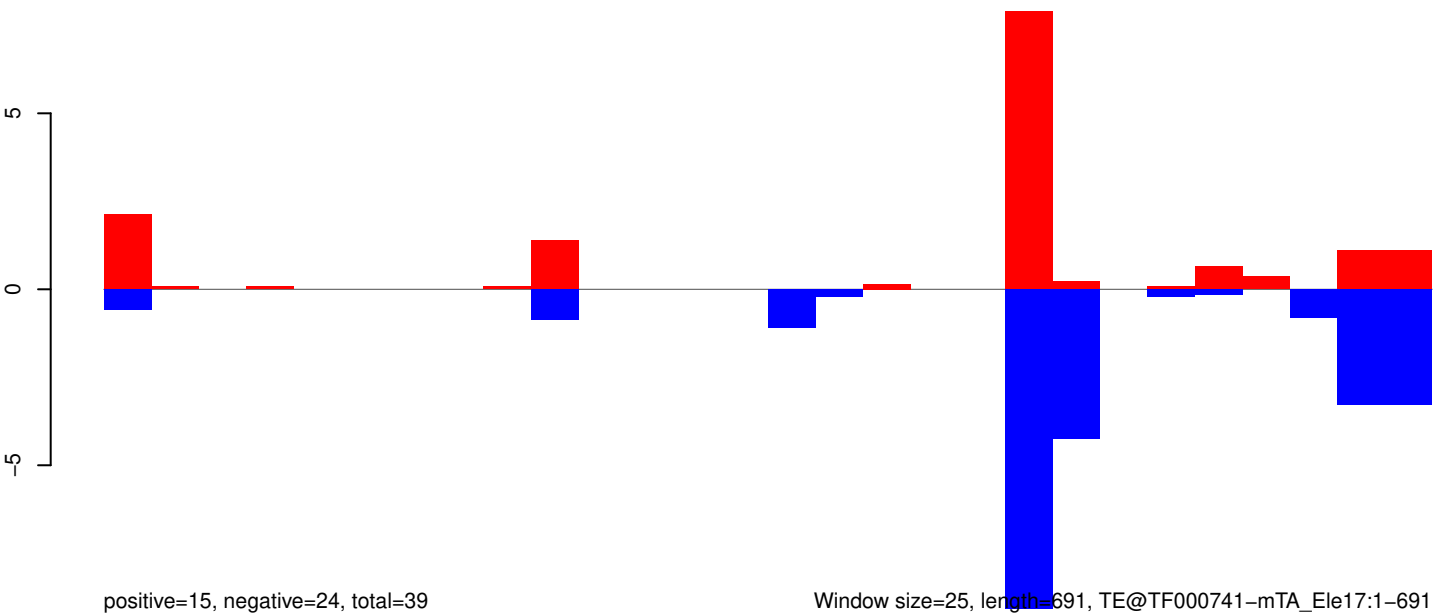
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



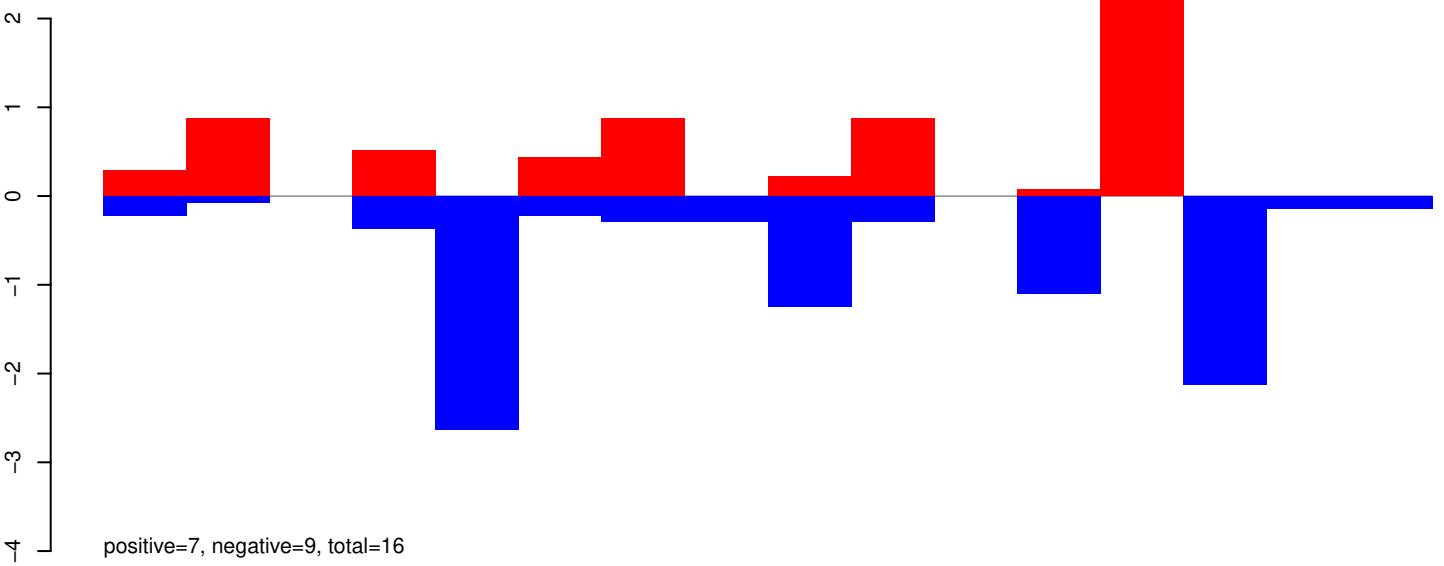
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



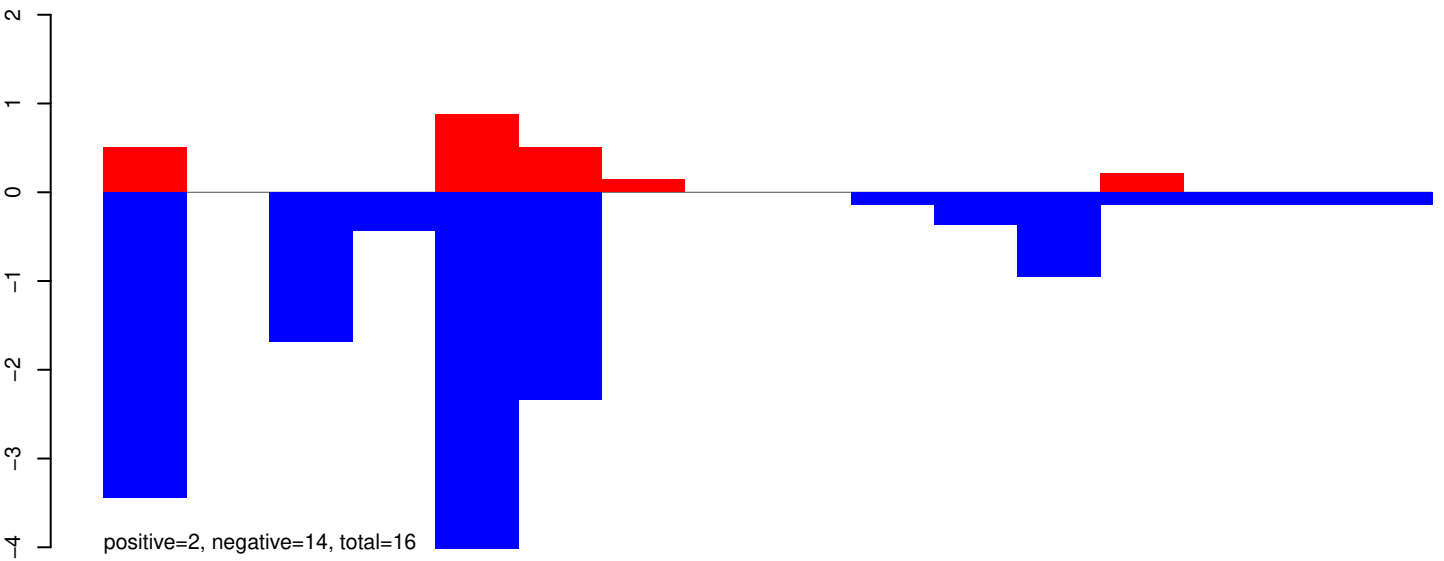
Window size=25, length=691, TE@TF000741-mTA\_Ele17:1-691



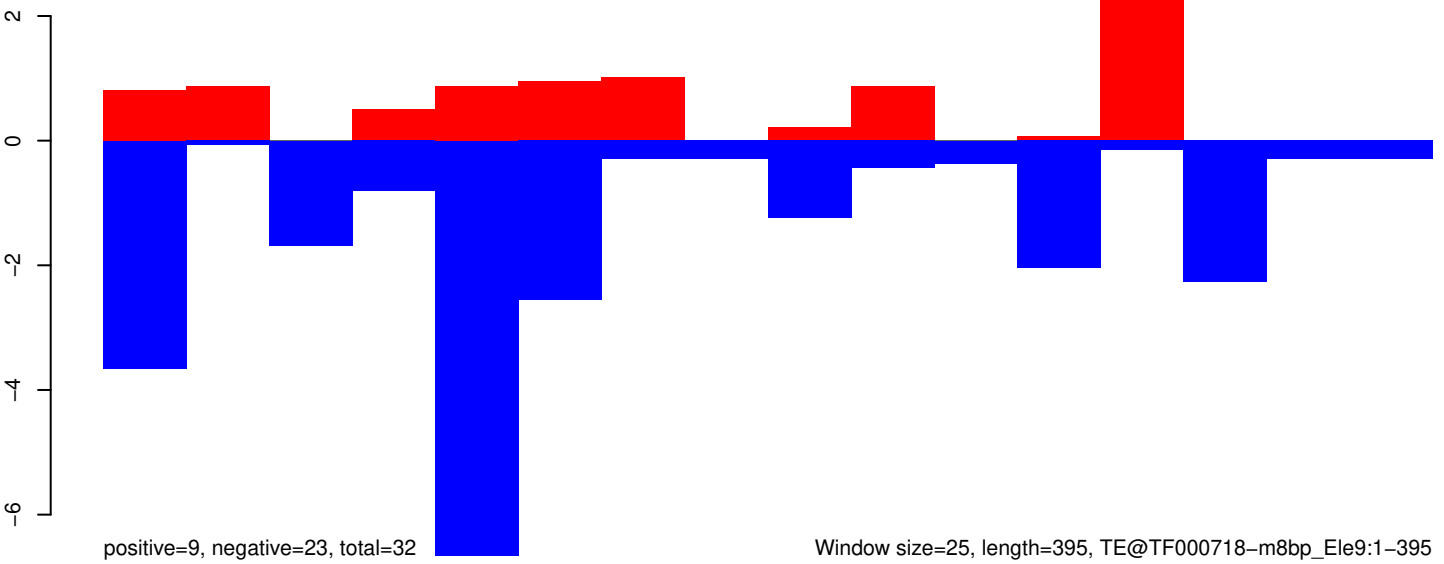
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=395, TE@TF000718-m8bp\_Ele9:1-395

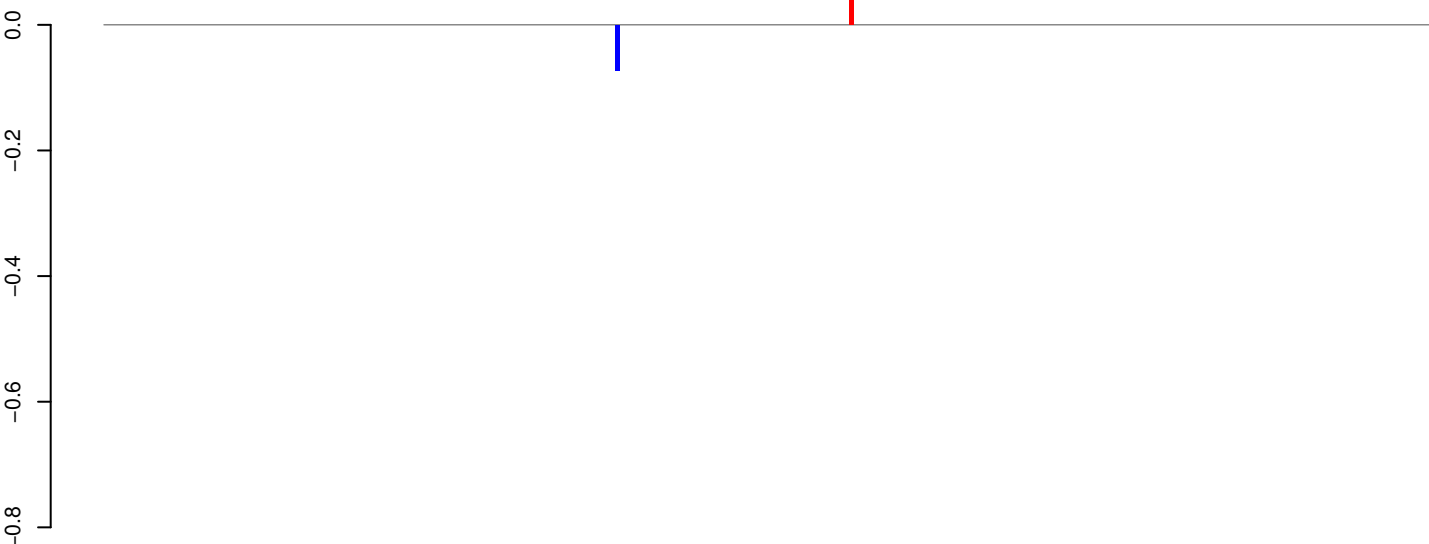
100

200

300

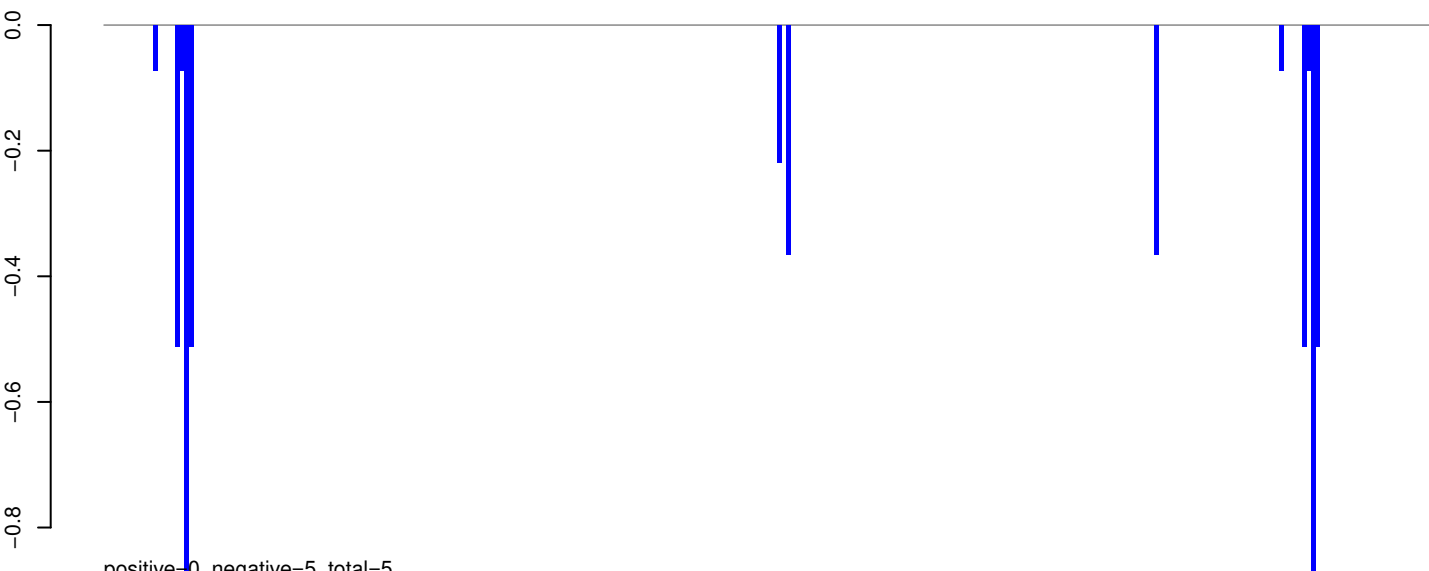
400

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



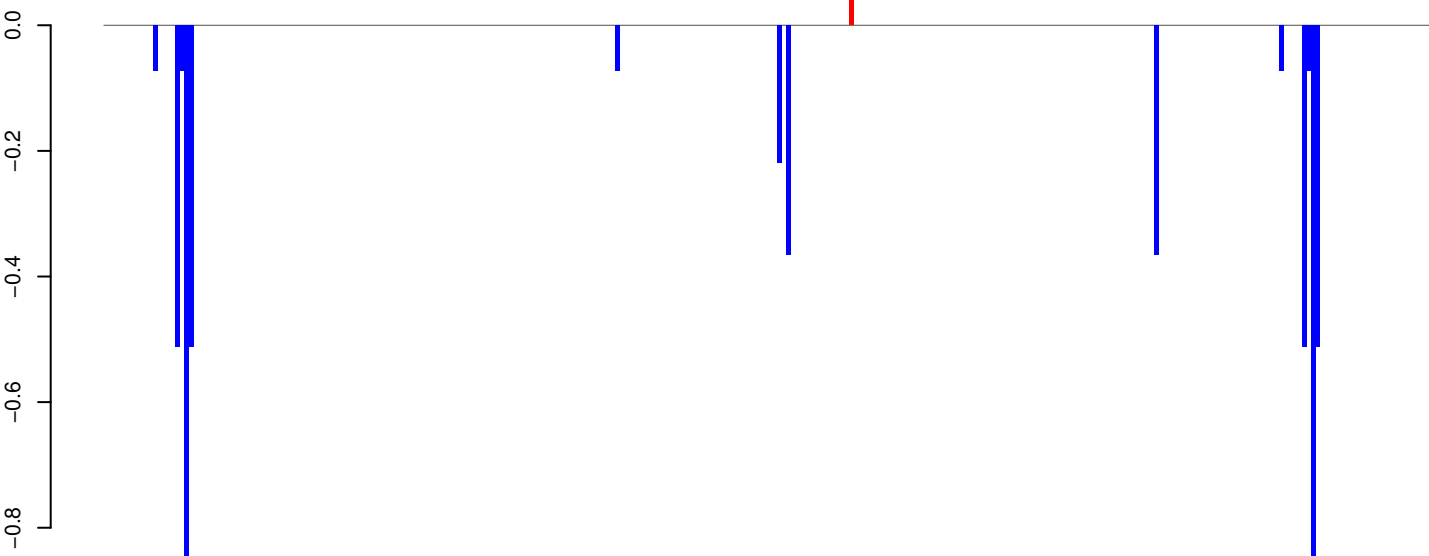
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=5, total=5

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

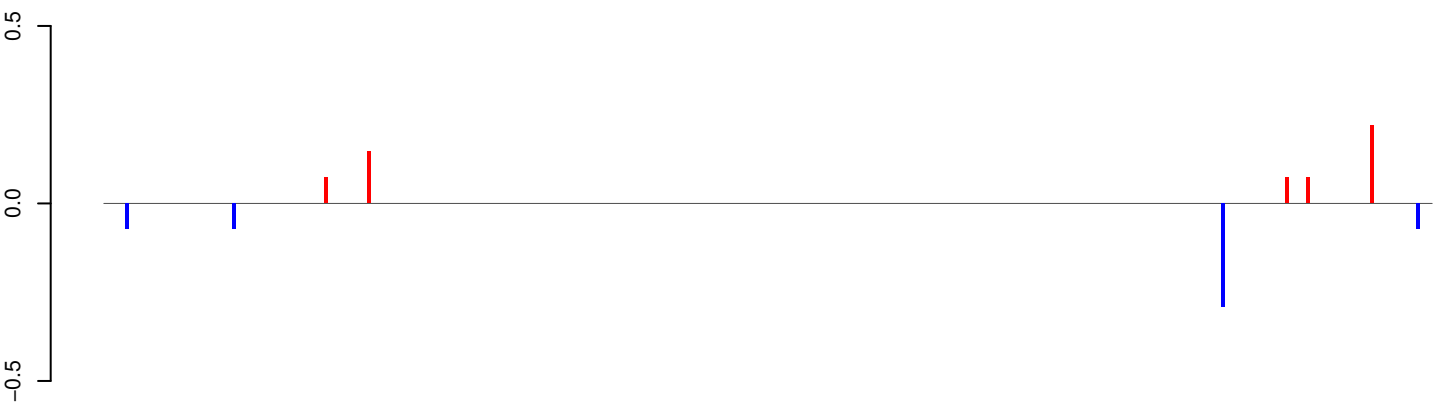


positive=0, negative=5, total=5

Window size=25, length=7390, TE@TF000127-Ty3\_gypsy\_Ele36:1-7390

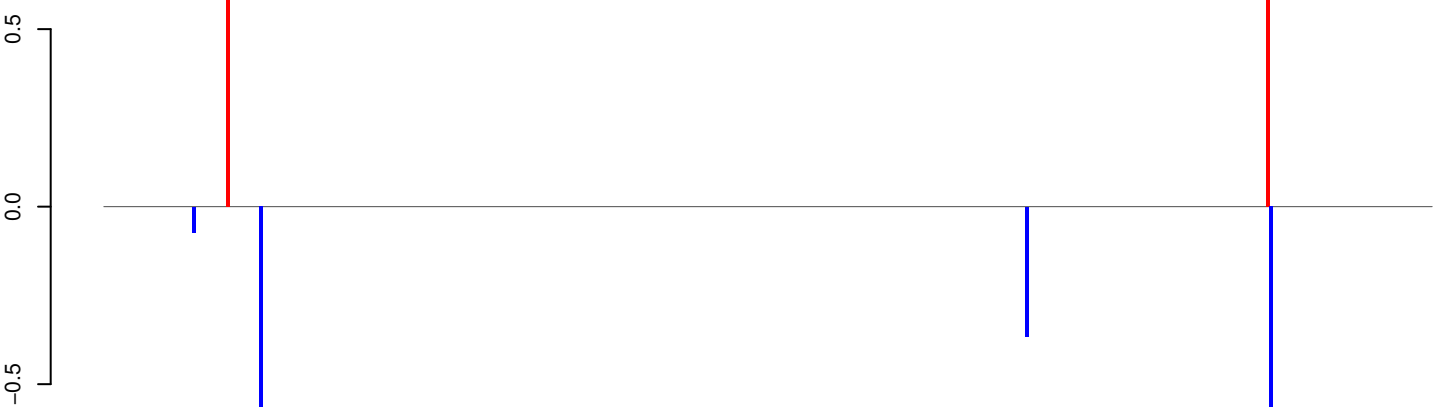
0 2000 4000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



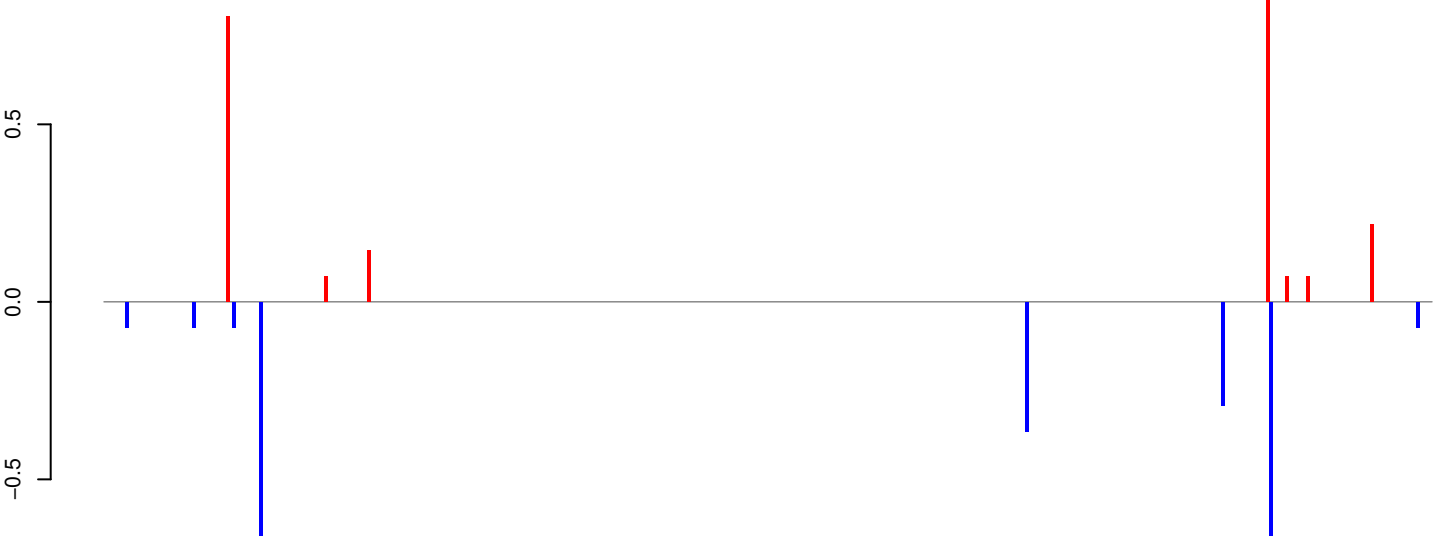
positive=1, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=2, negative=2, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

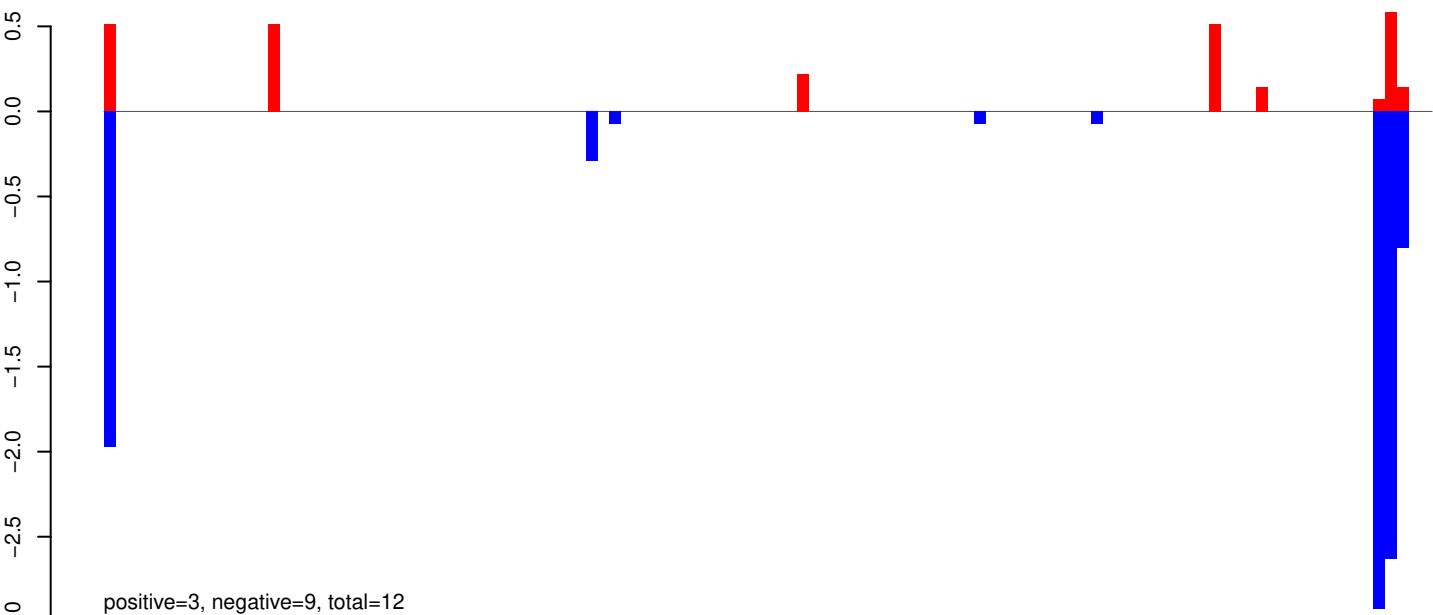


positive=2, negative=2, total=5

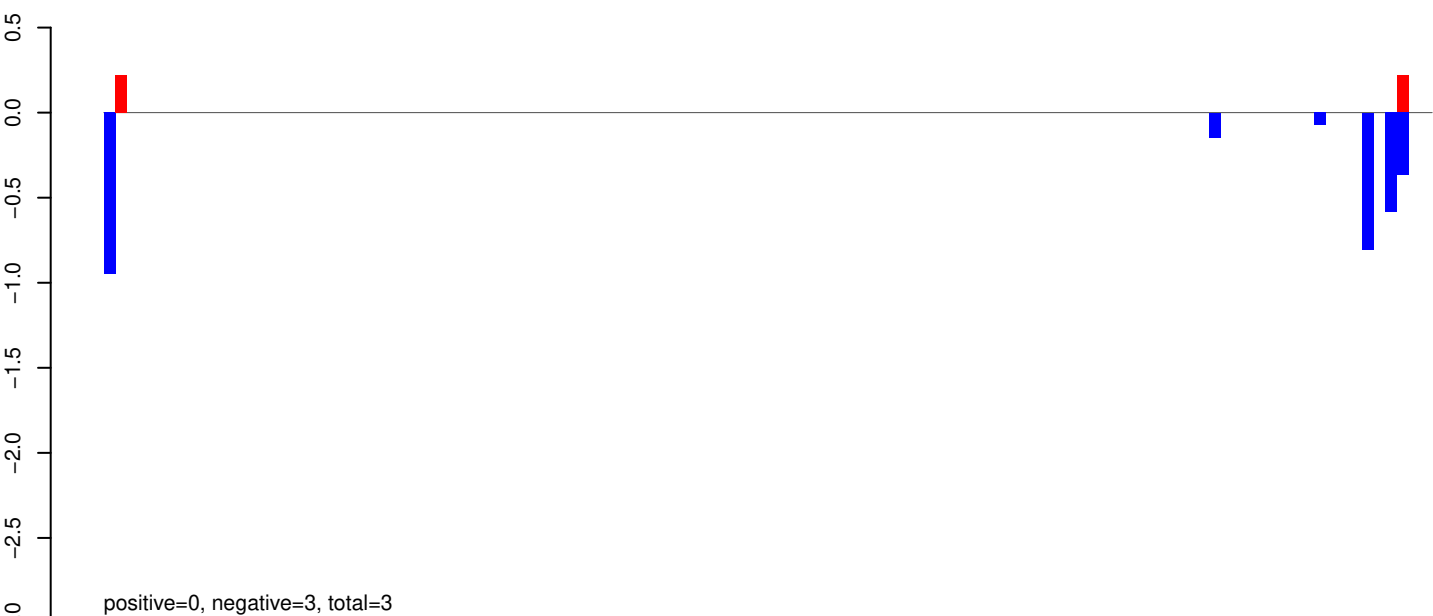
Window size=25, length=10843, TE@TF000126-Ty3\_gypsy\_Ele35:1-10843

0 2000 4000 6000 8000 10000

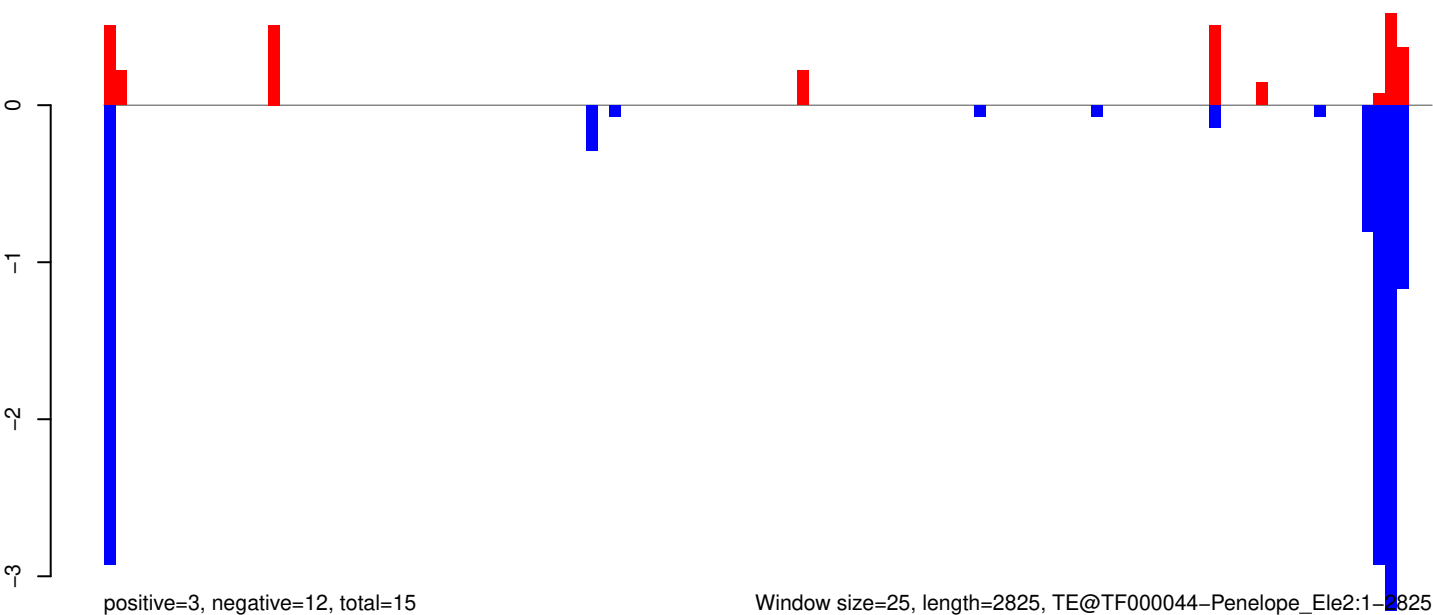
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



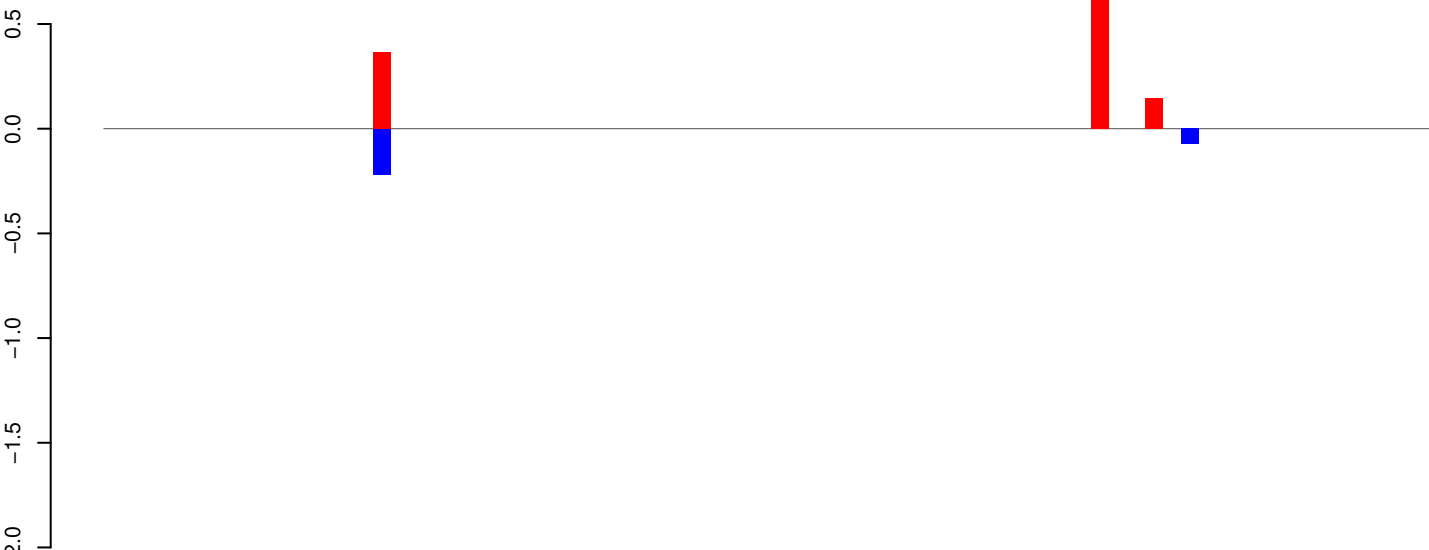
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

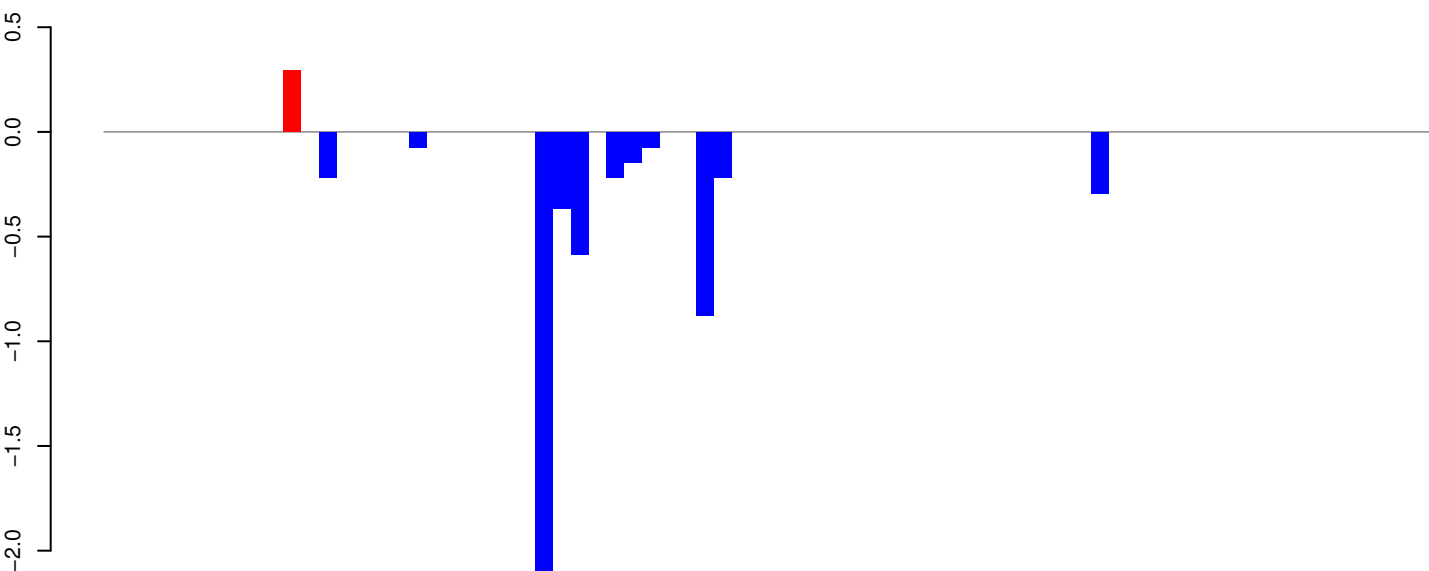


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



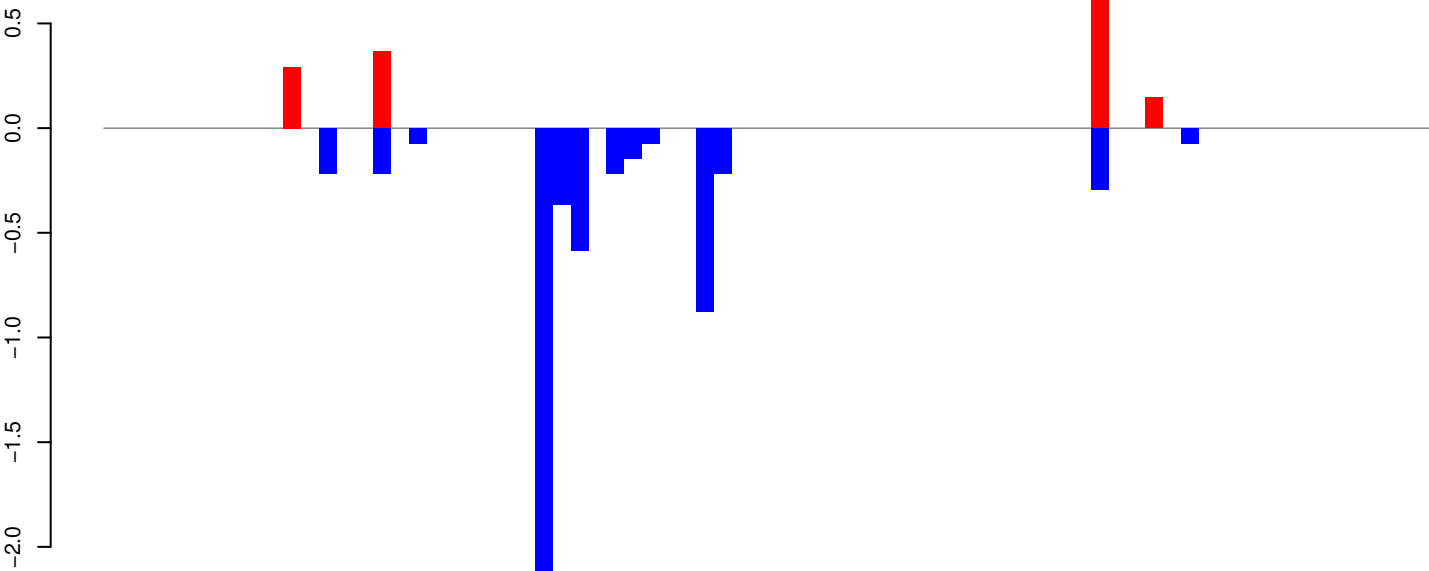
positive=1, negative=0, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=5, total=6

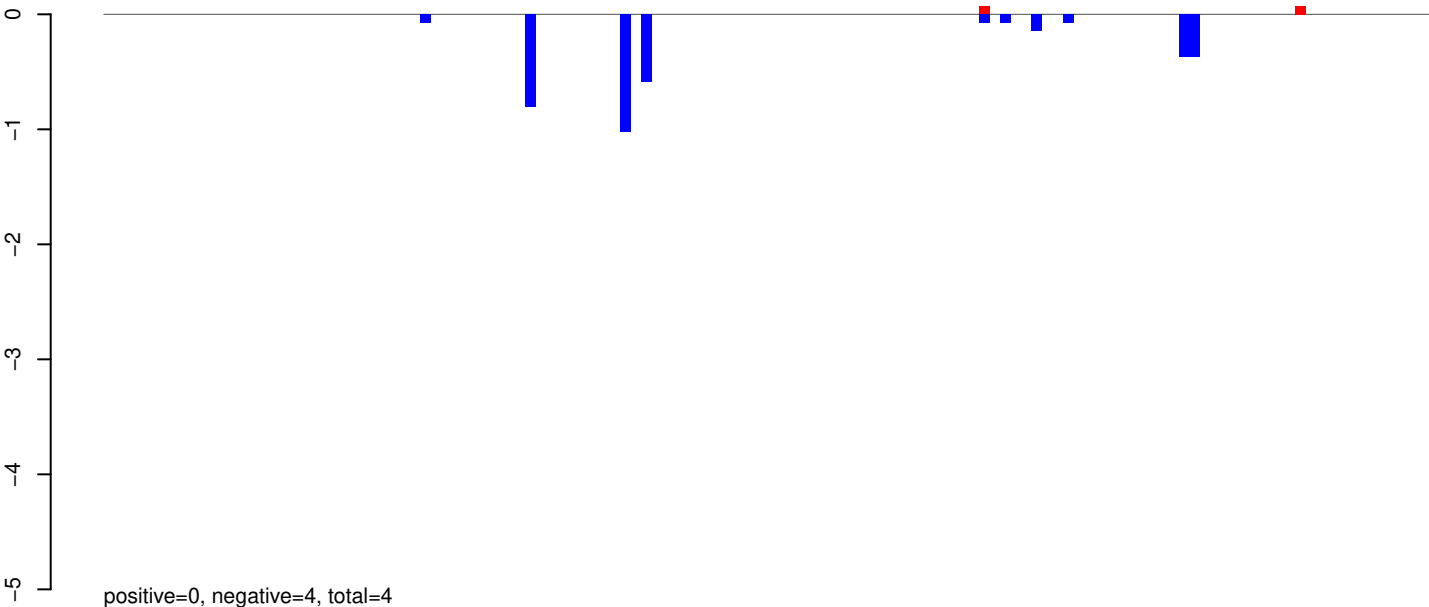
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



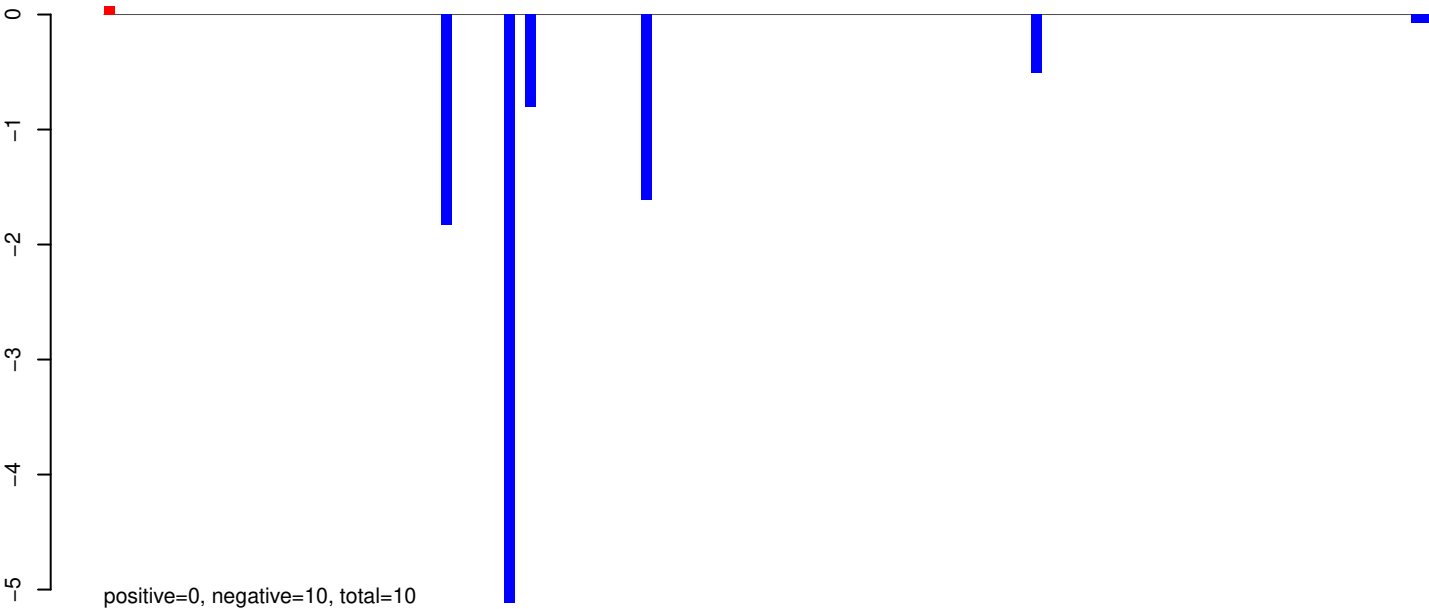
positive=1, negative=6, total=7

Window size=25, length=1831, TE@Sola1-N5\_AAe:1-1831

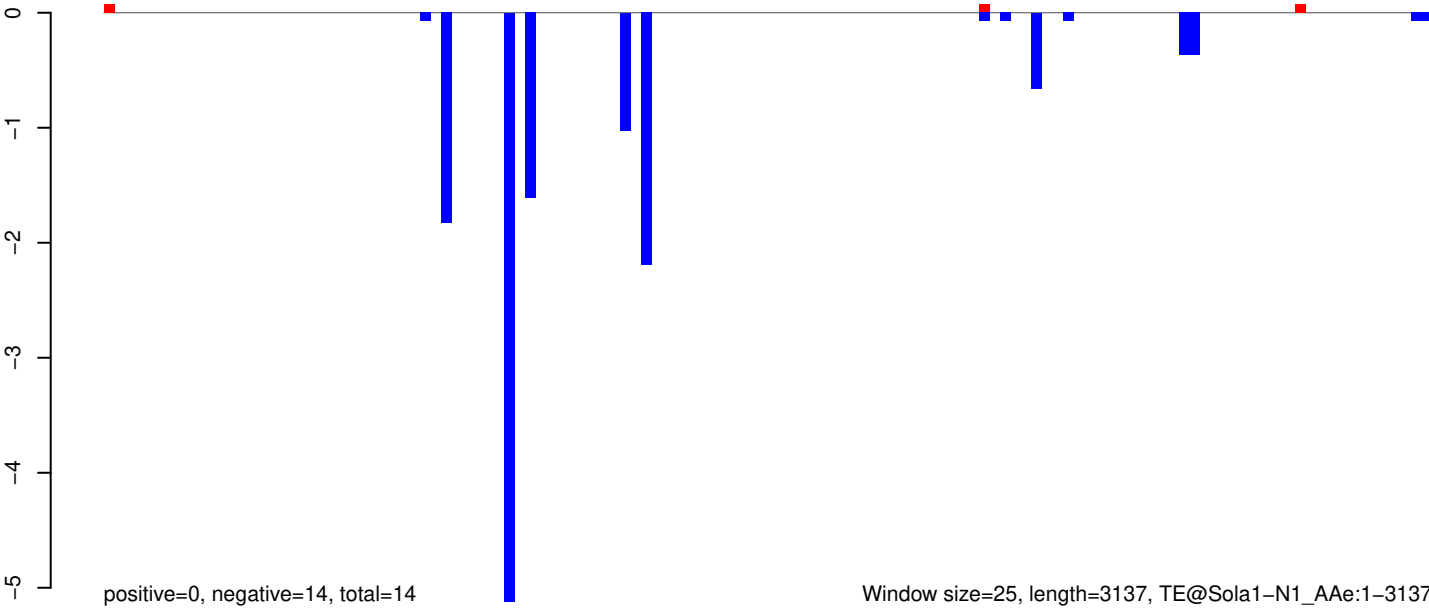
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



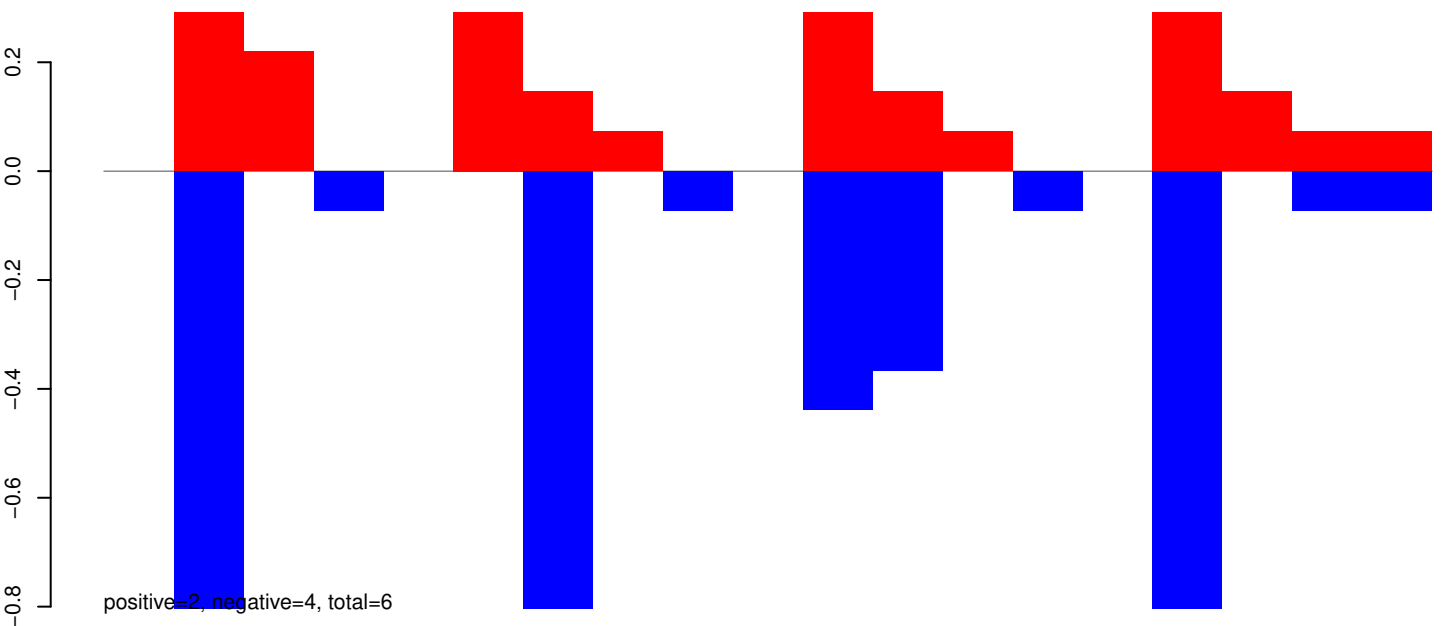
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



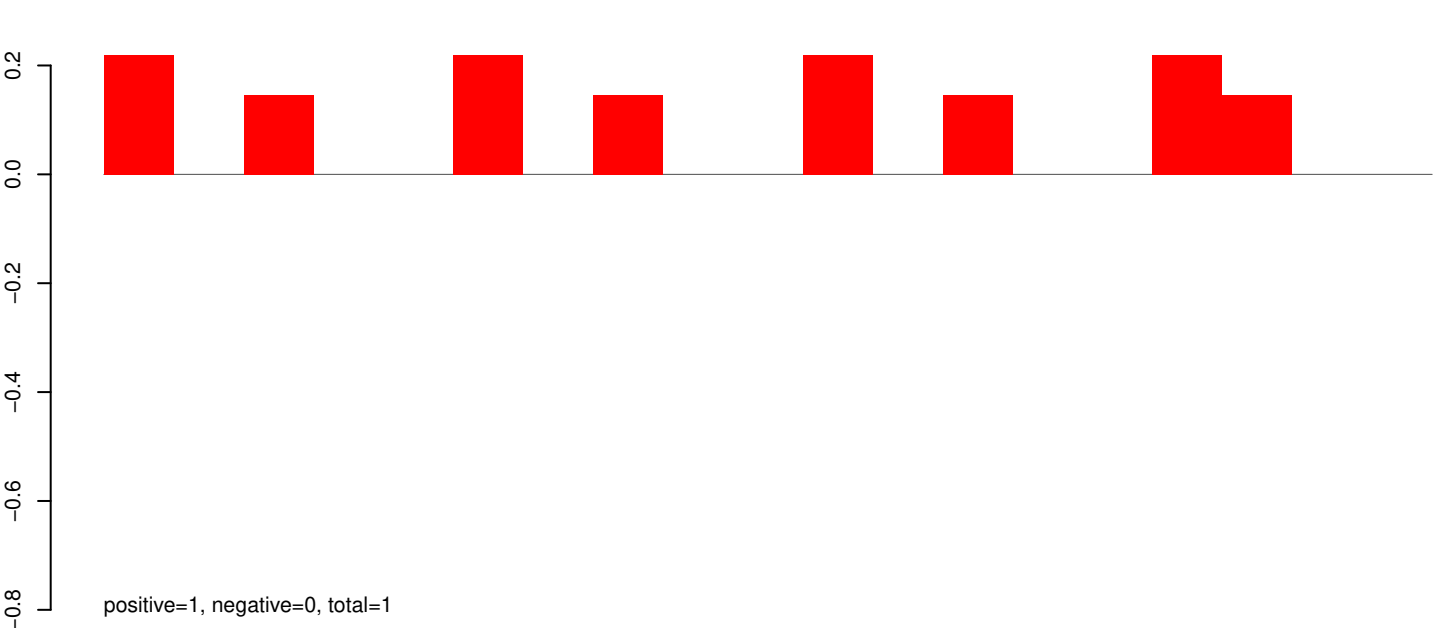
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



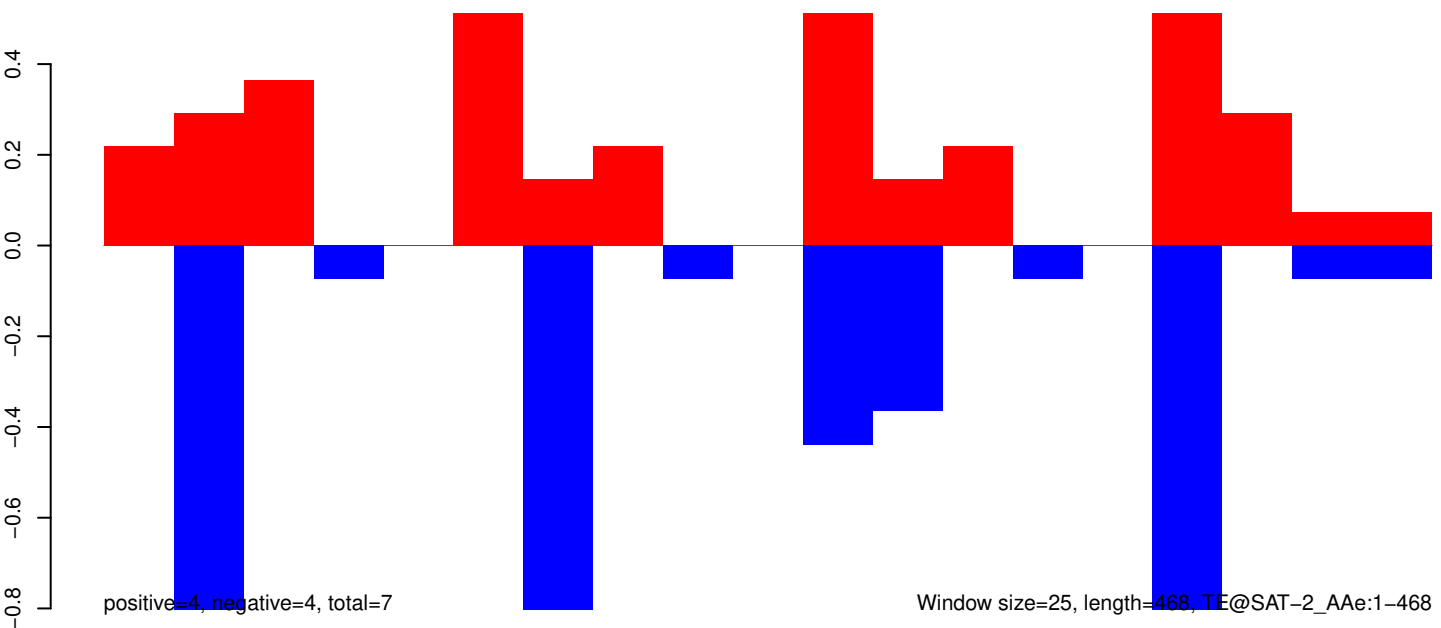
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=468, TE@SAT-2\_AAe:1-468

100

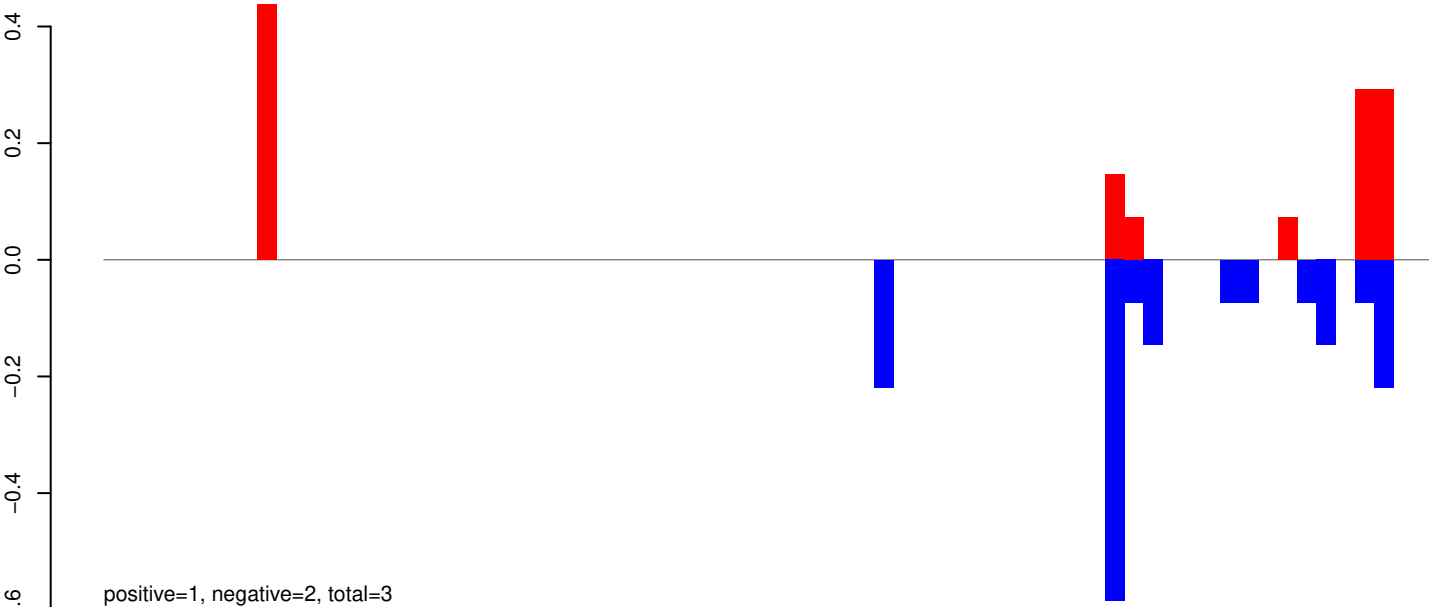
200

300

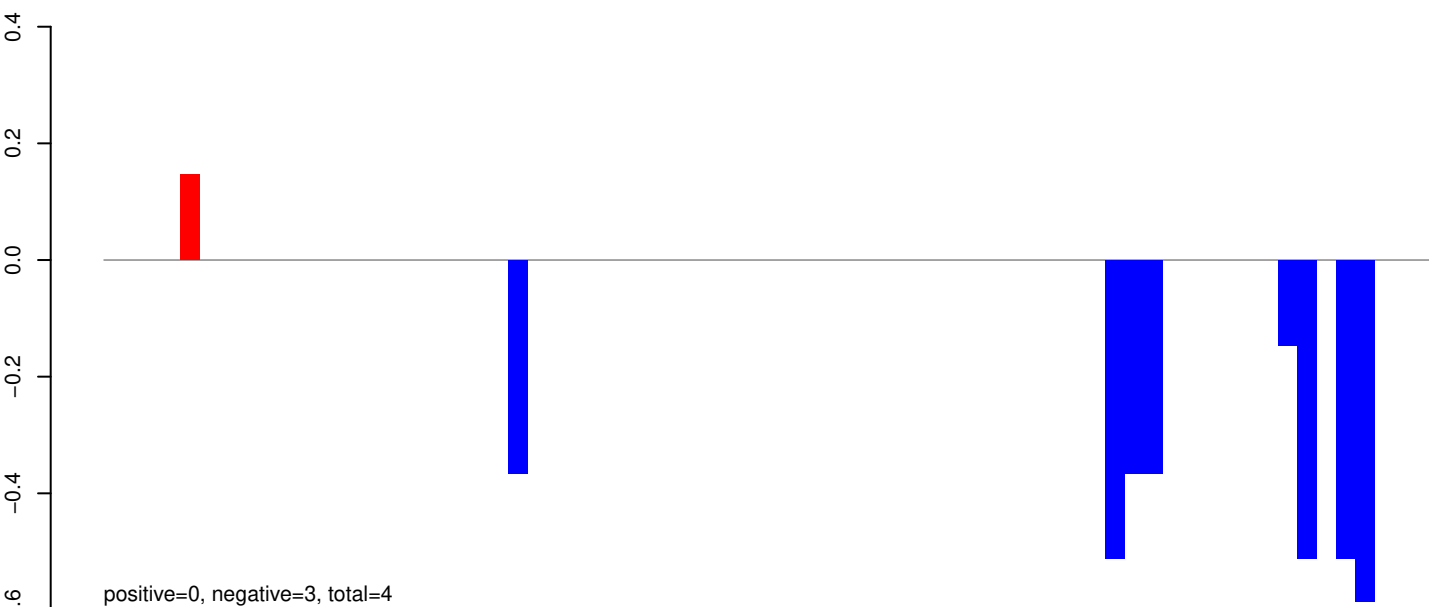
400

500

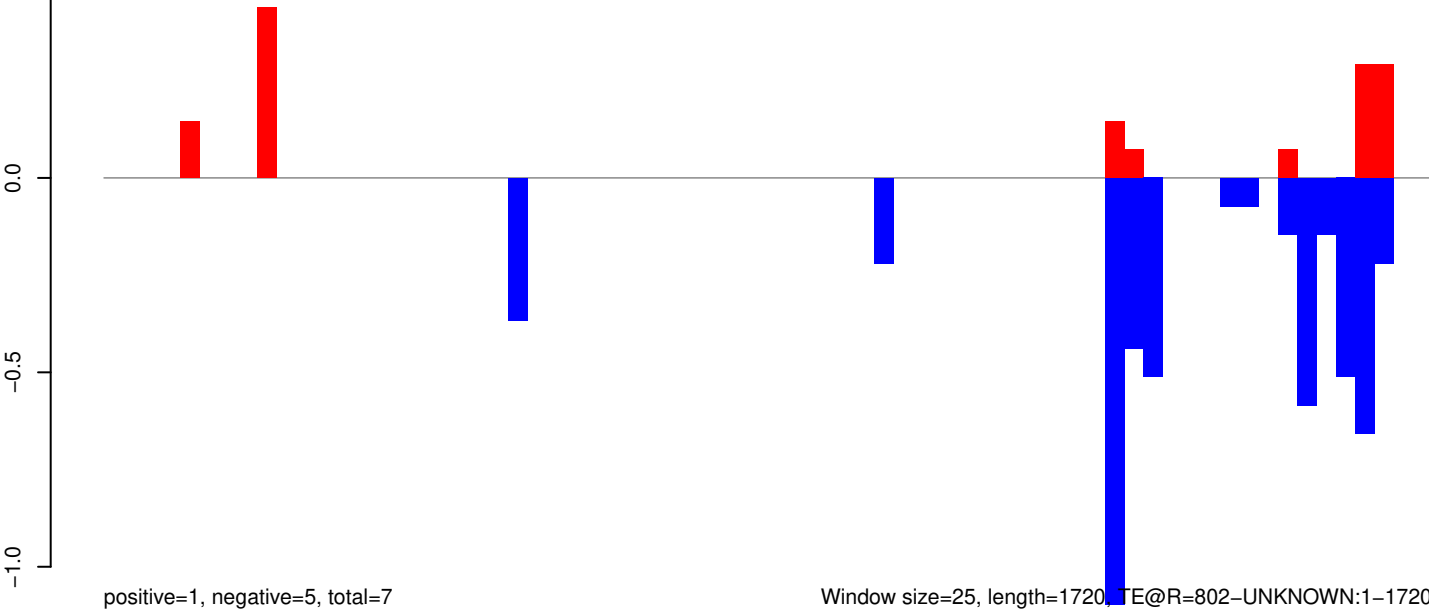
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



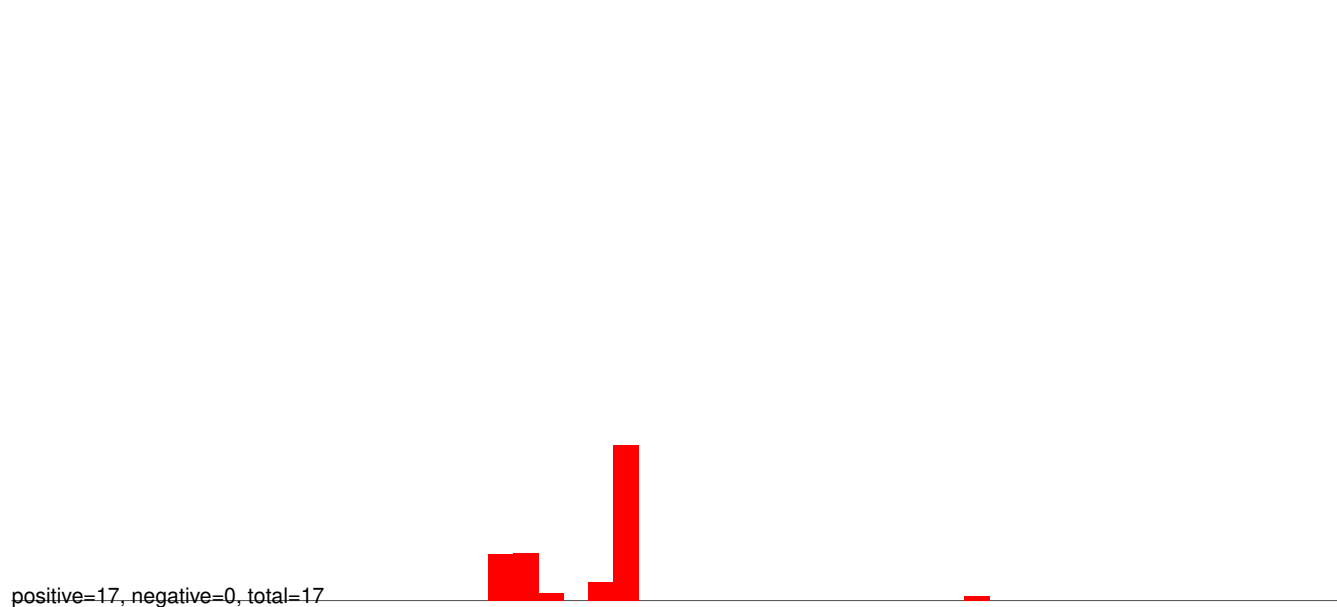
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



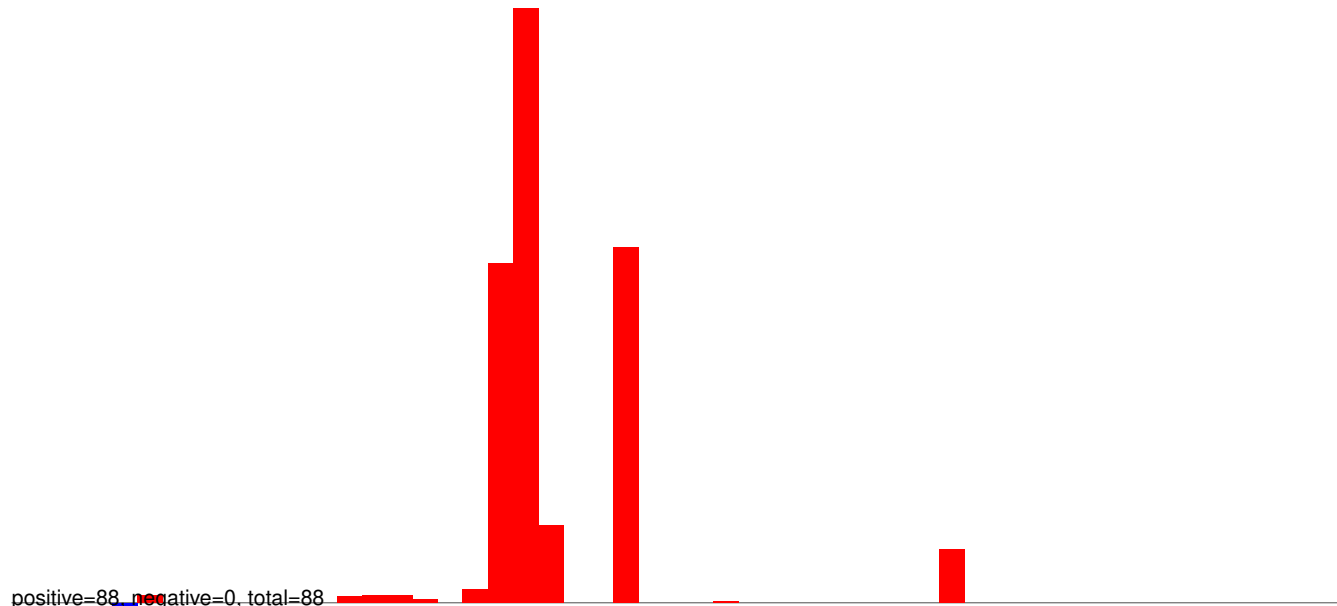
Window size=25, length=1720, TE@R=802-UNKNOWN:1-1720



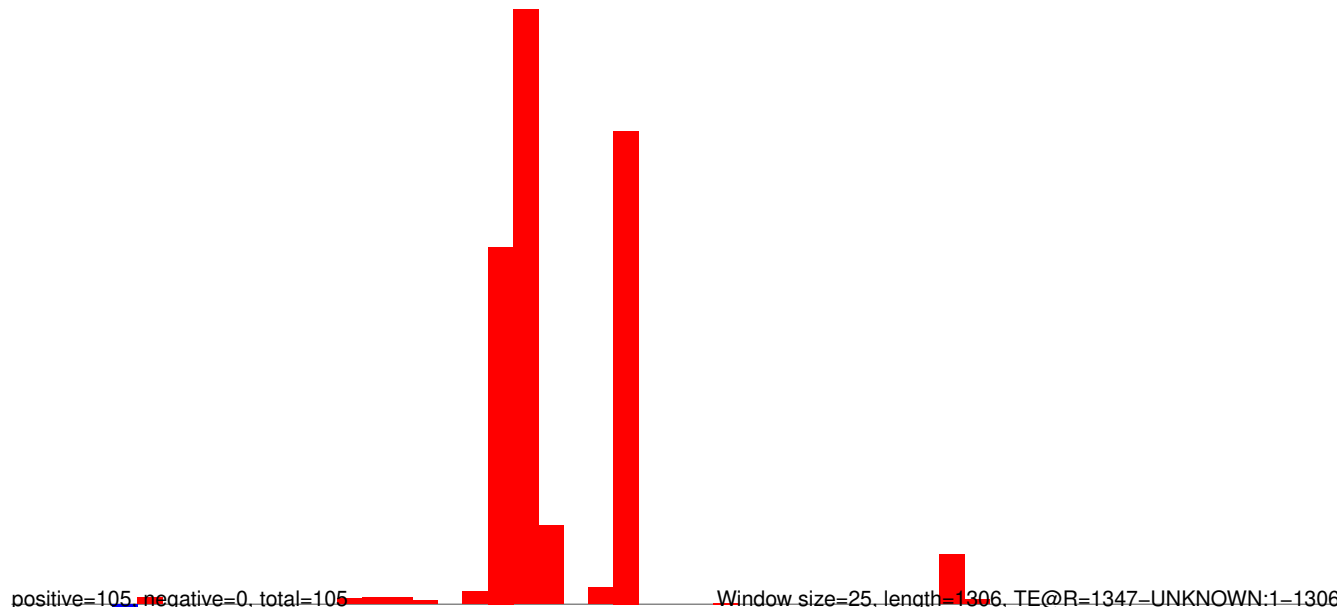
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



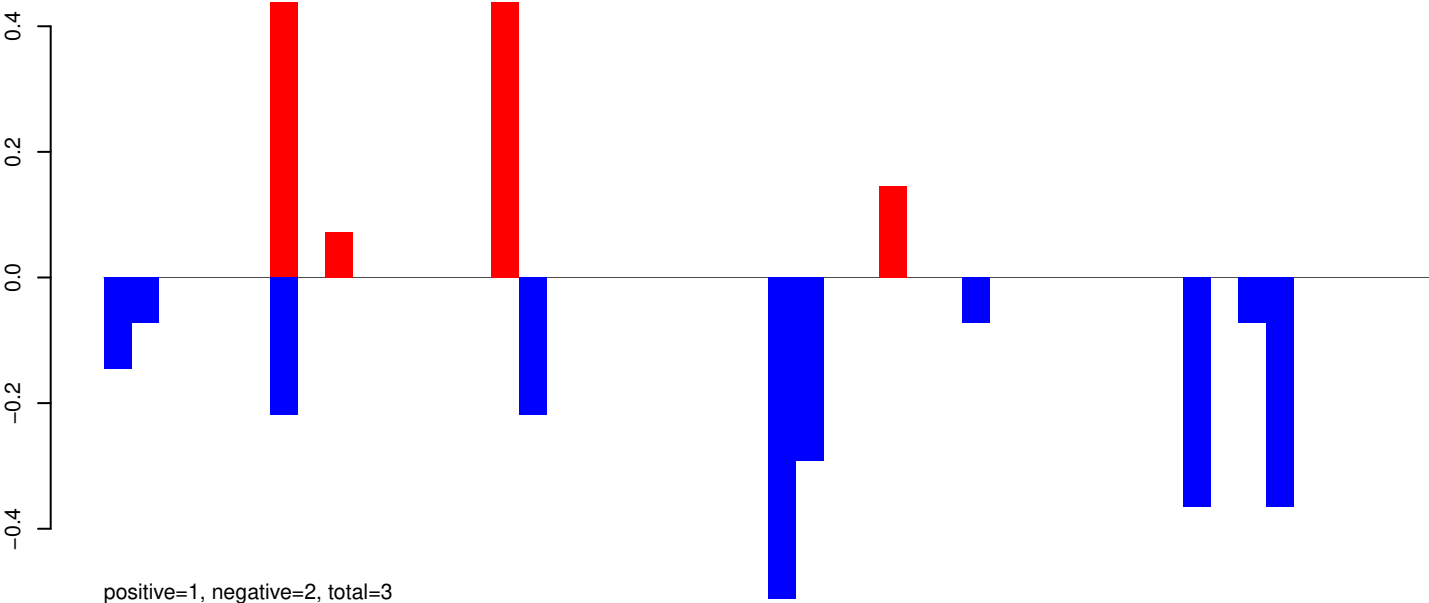
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



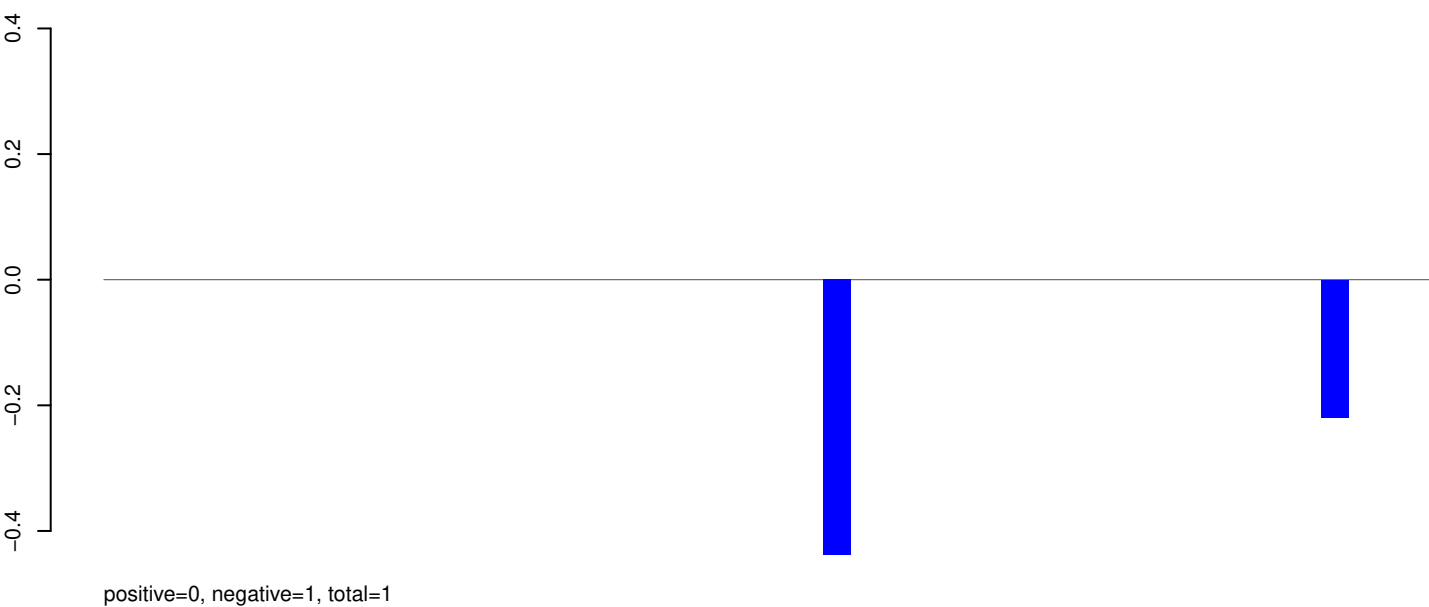
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



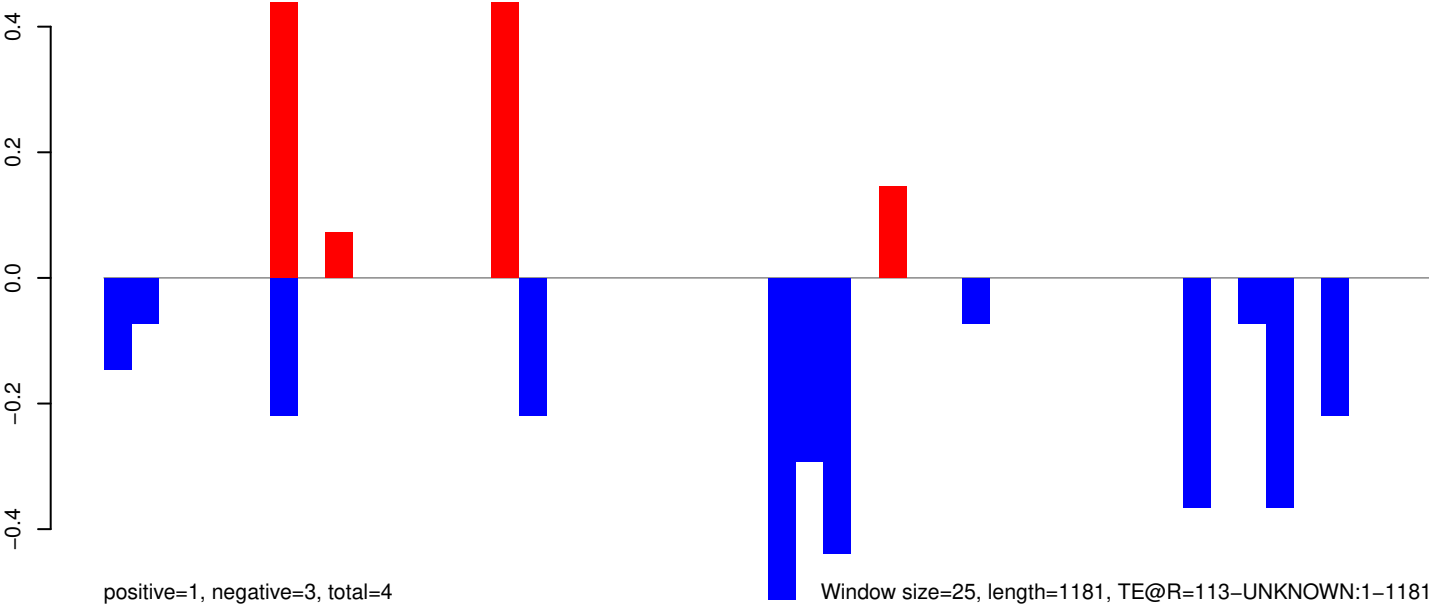
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



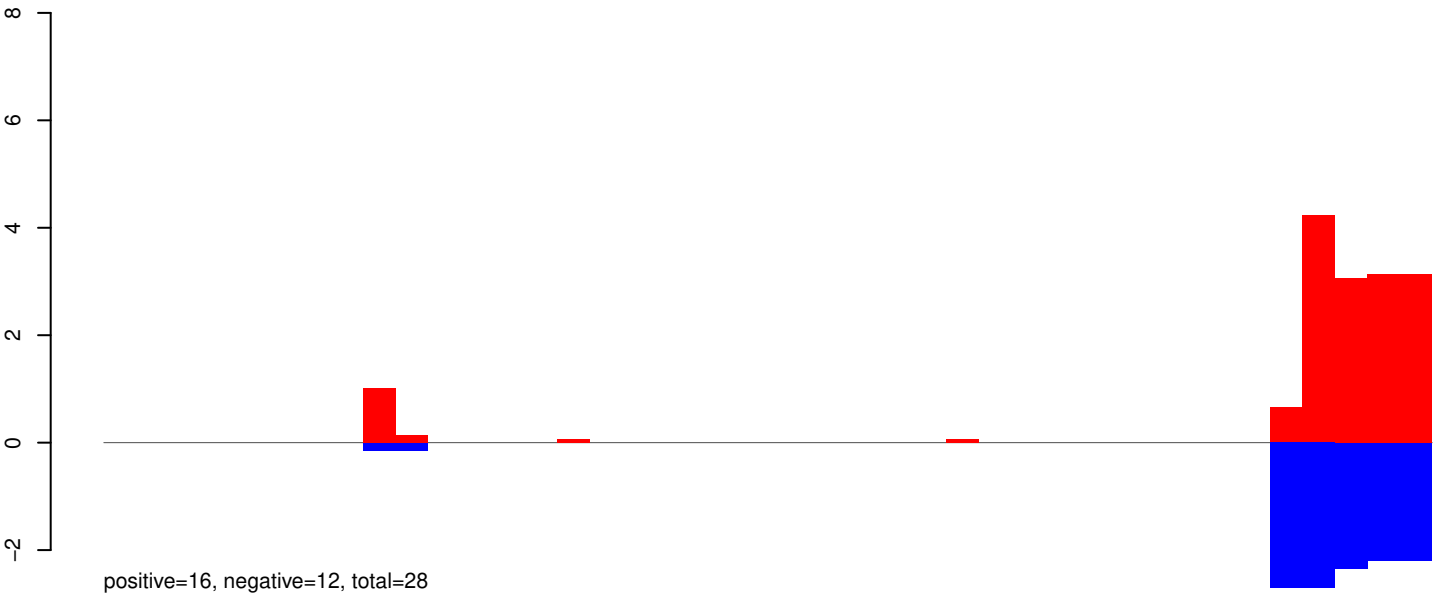
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



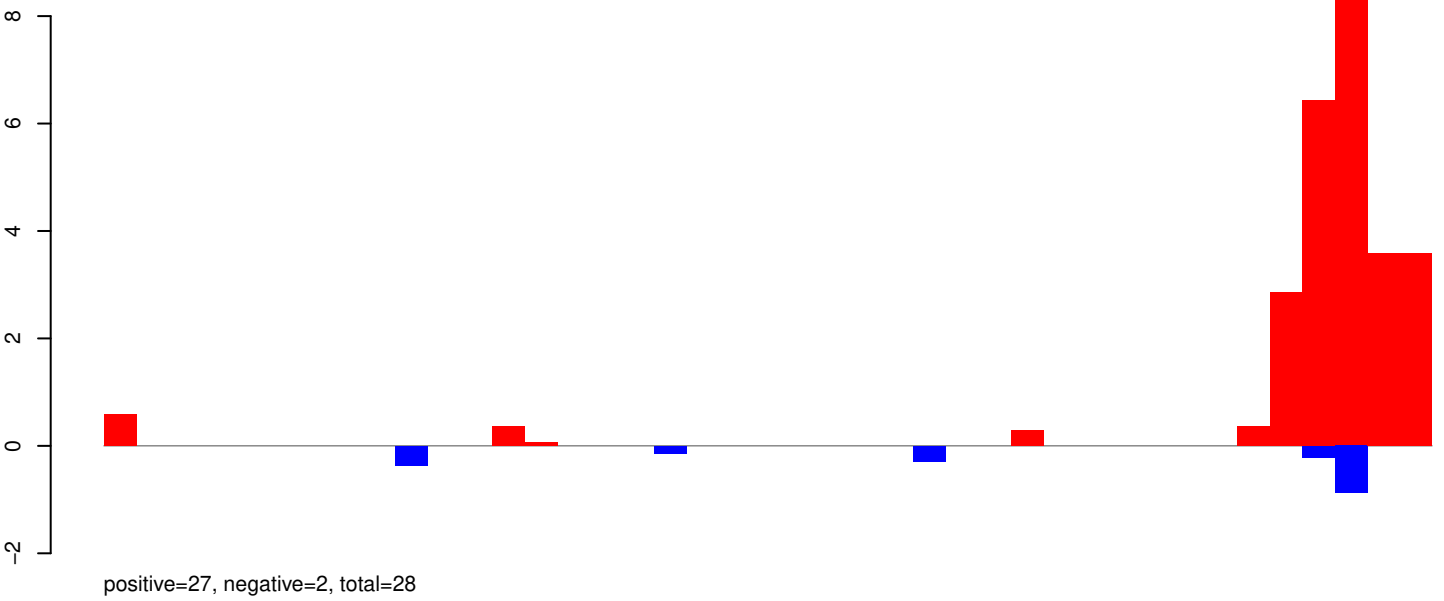
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



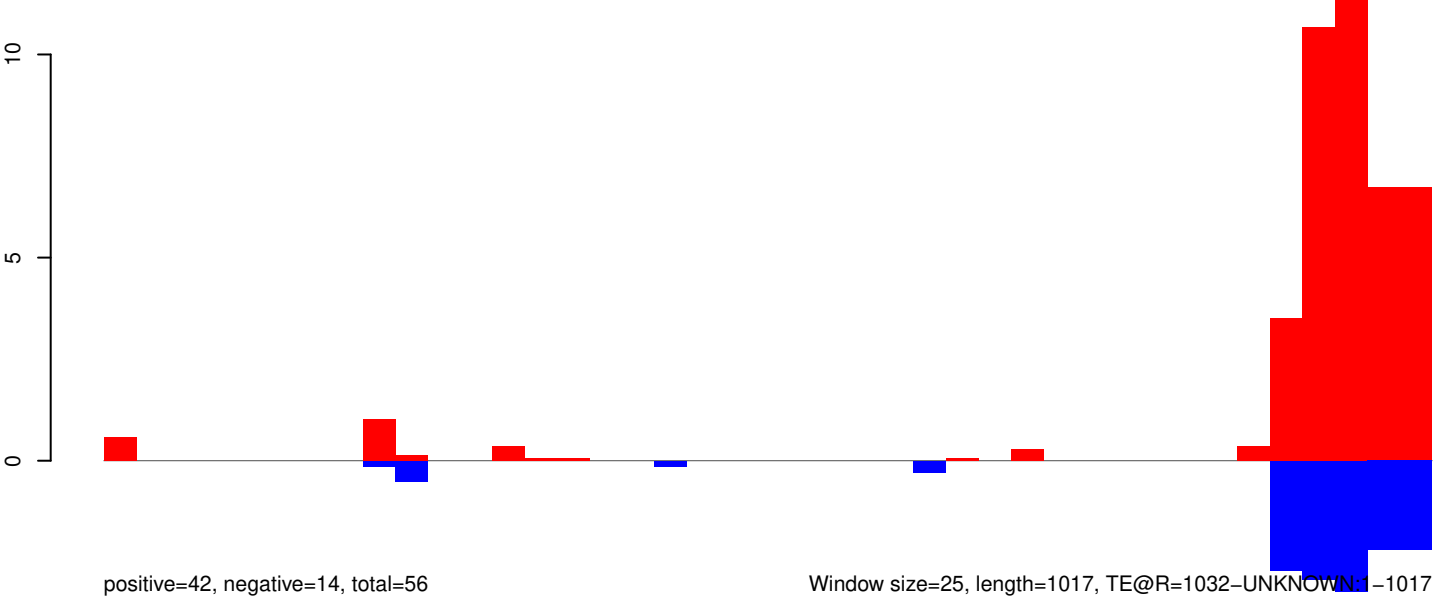
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



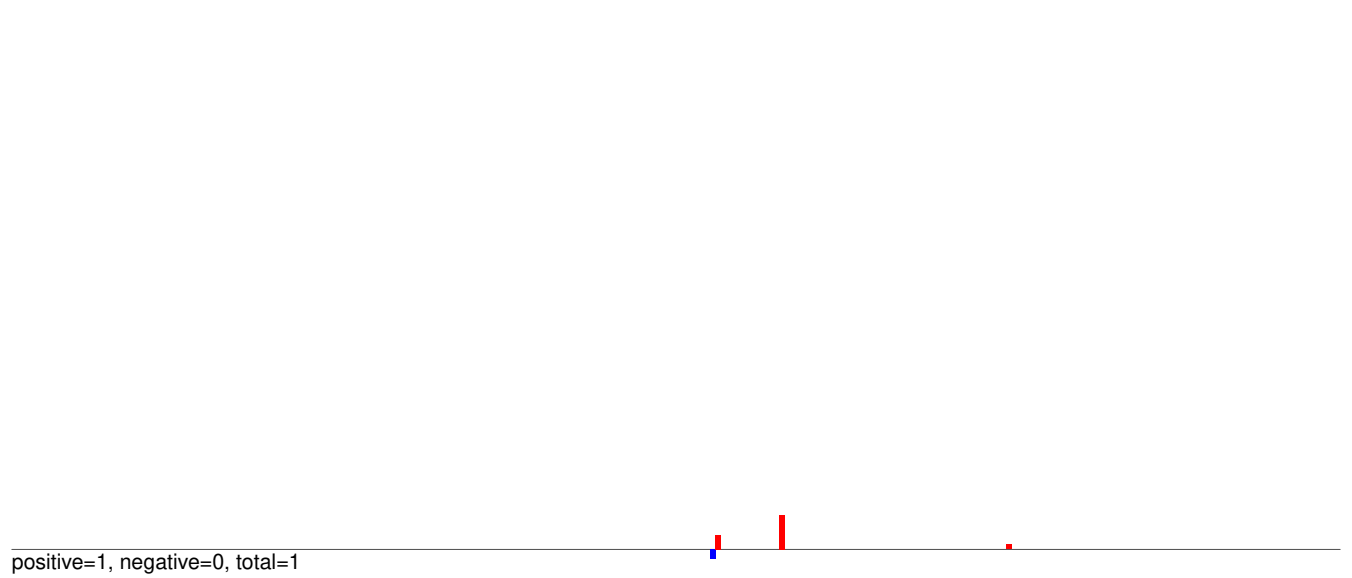
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



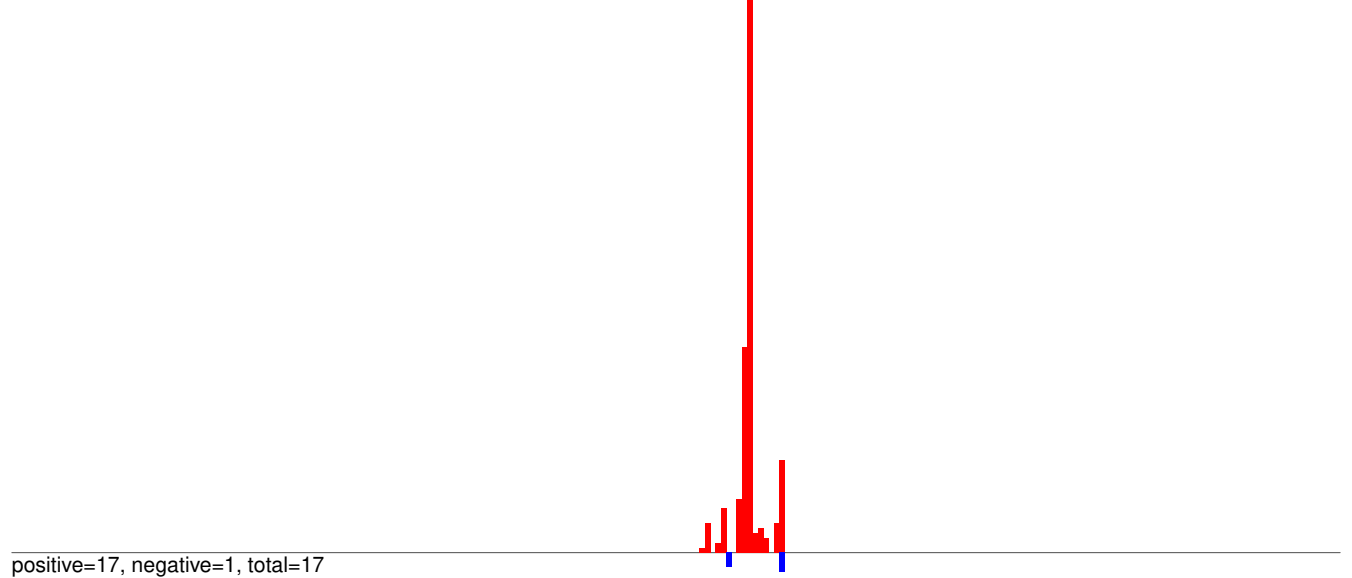
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



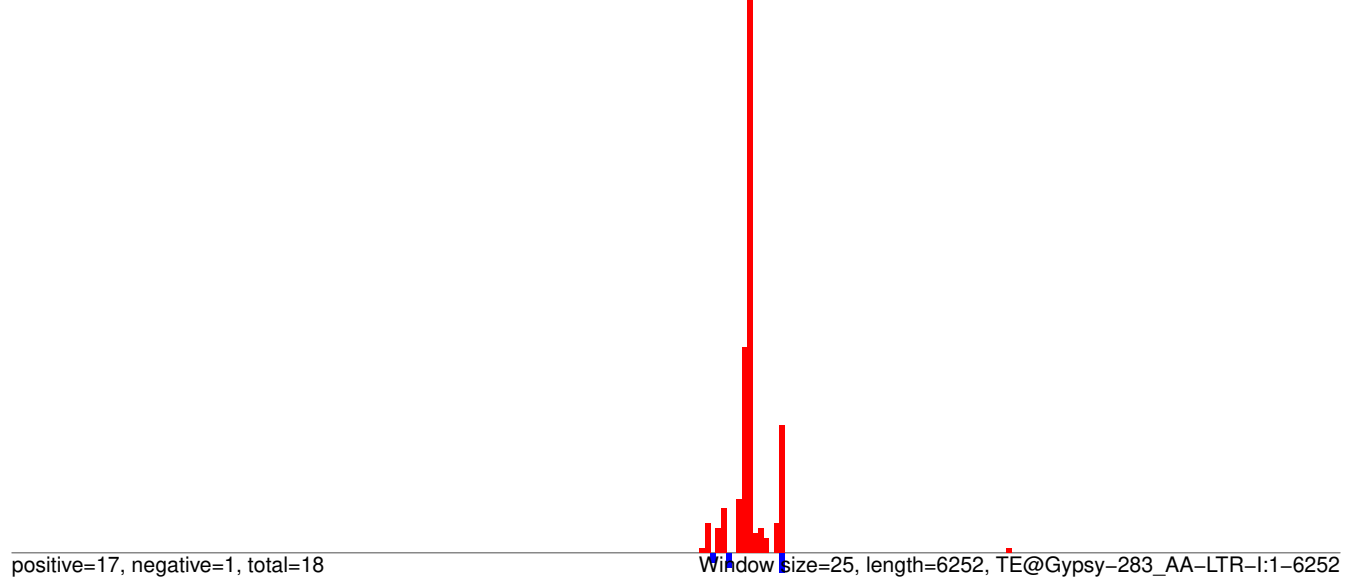
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

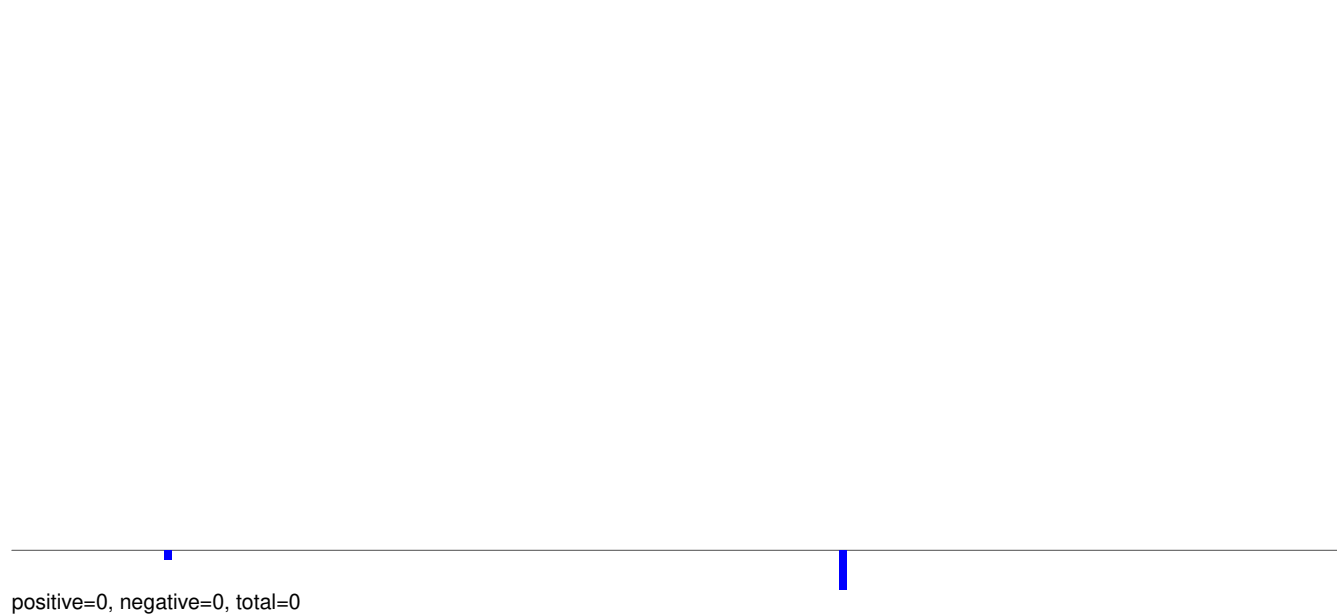


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

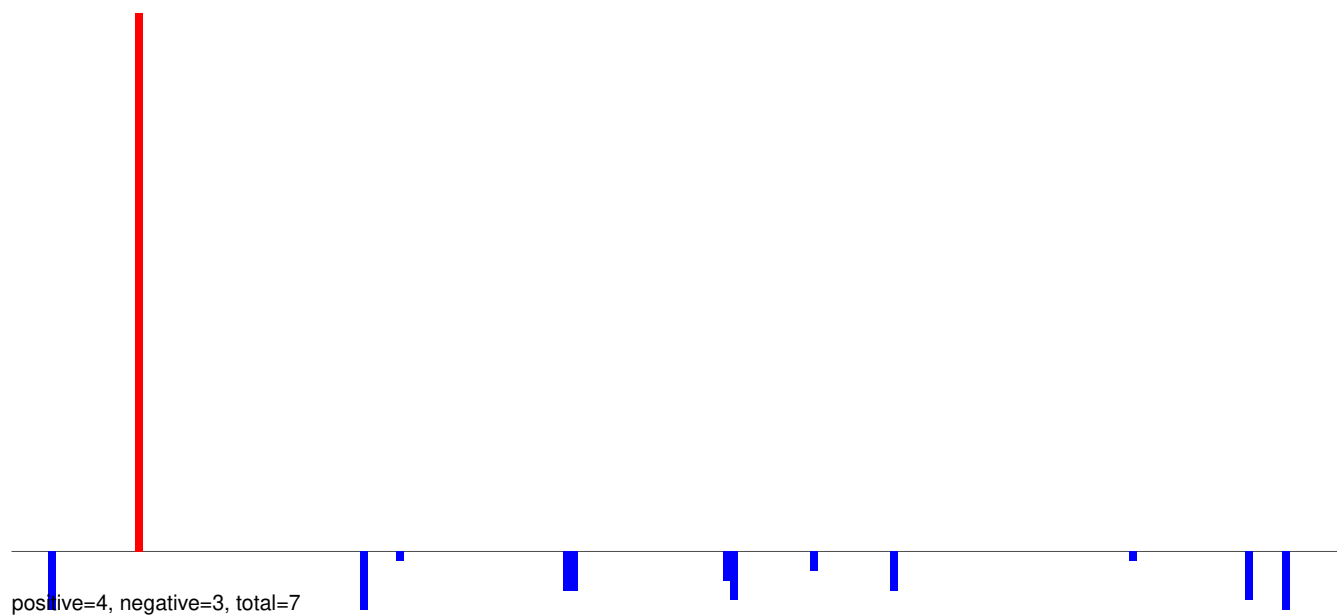


0 1000 2000 3000 4000 5000 6000

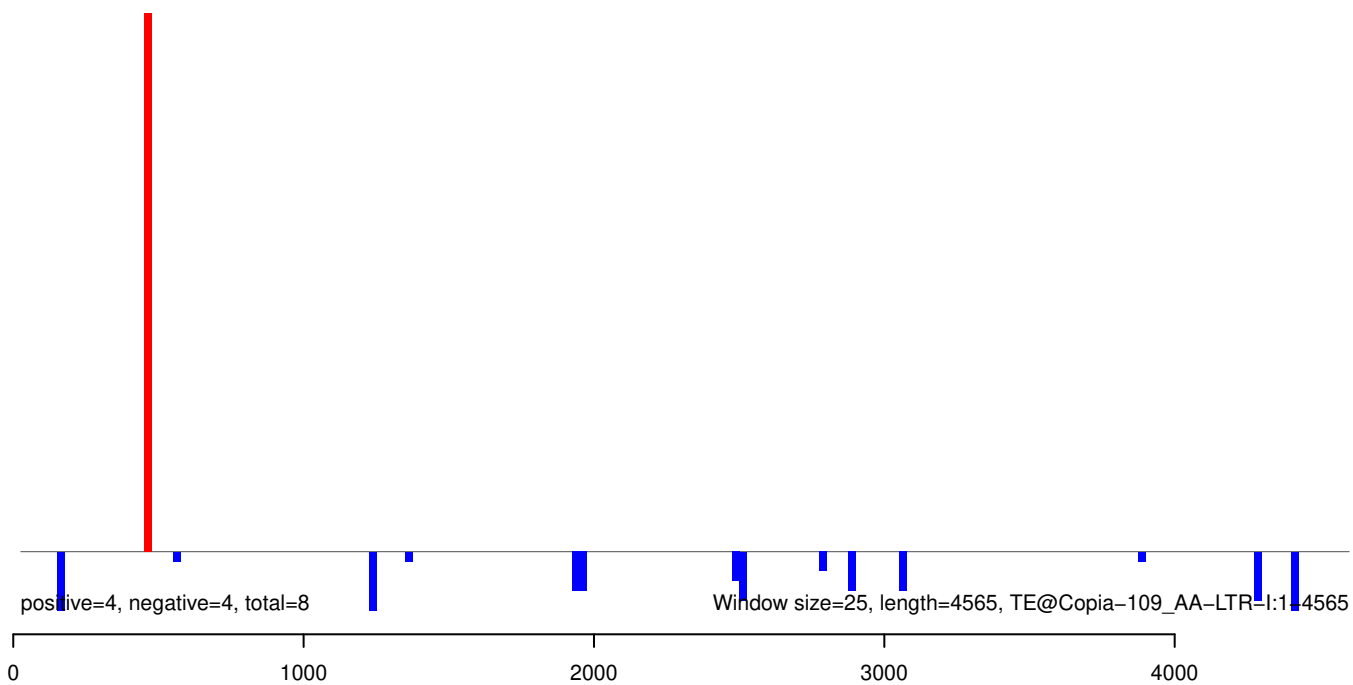
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



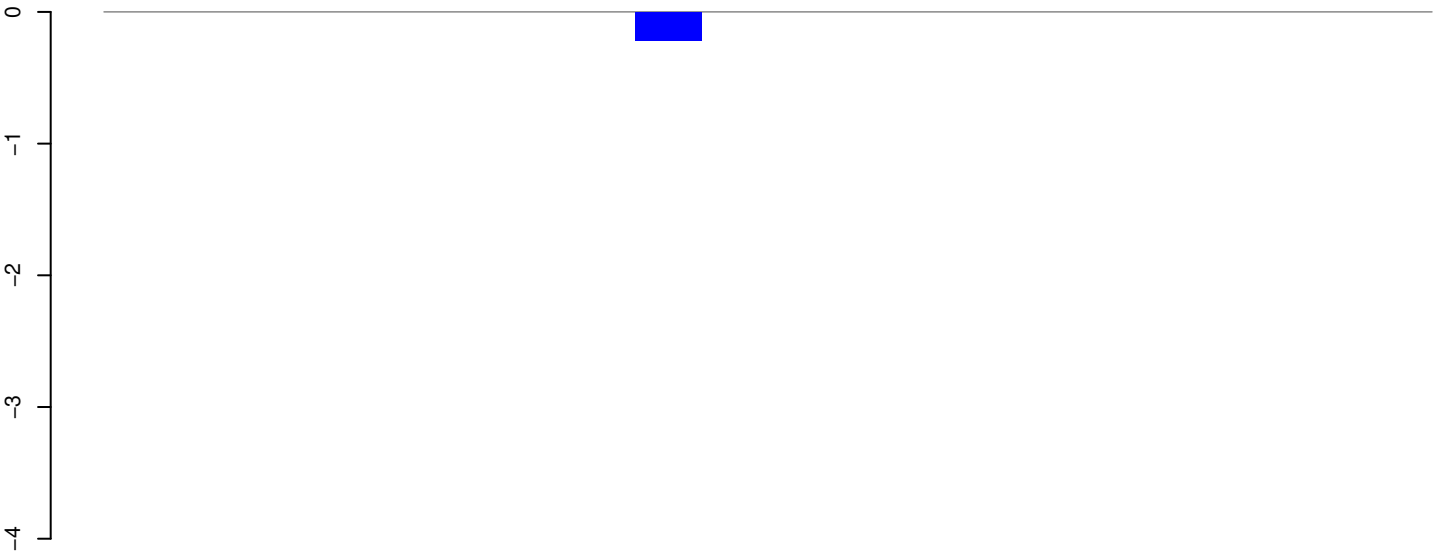
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

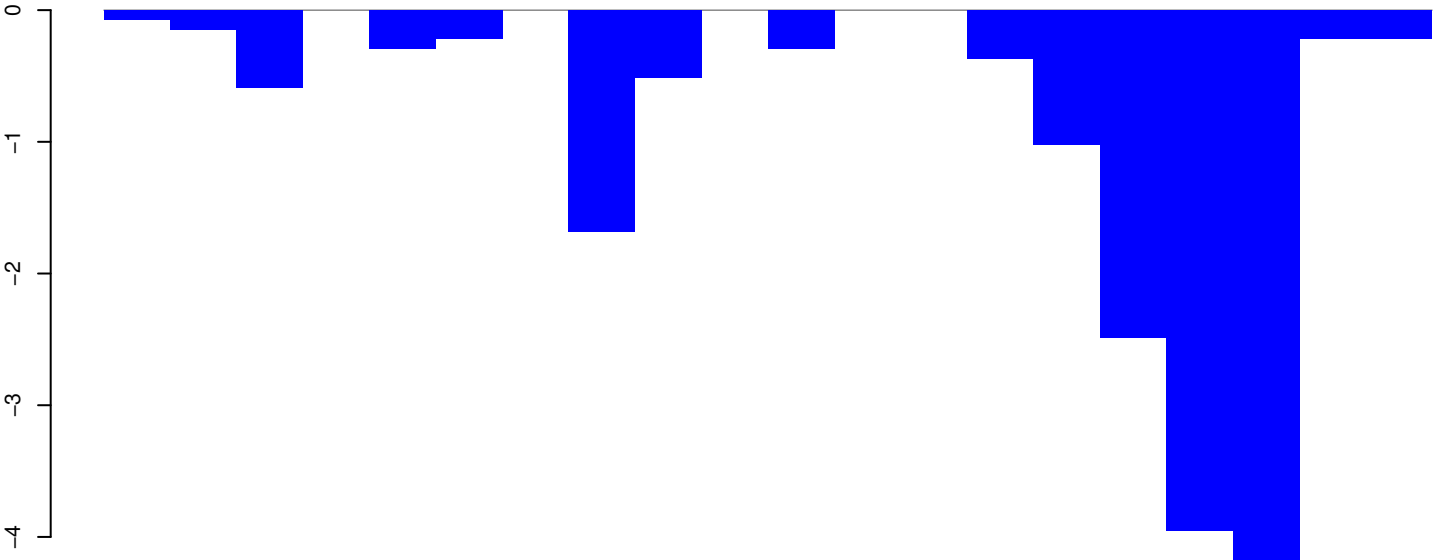


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



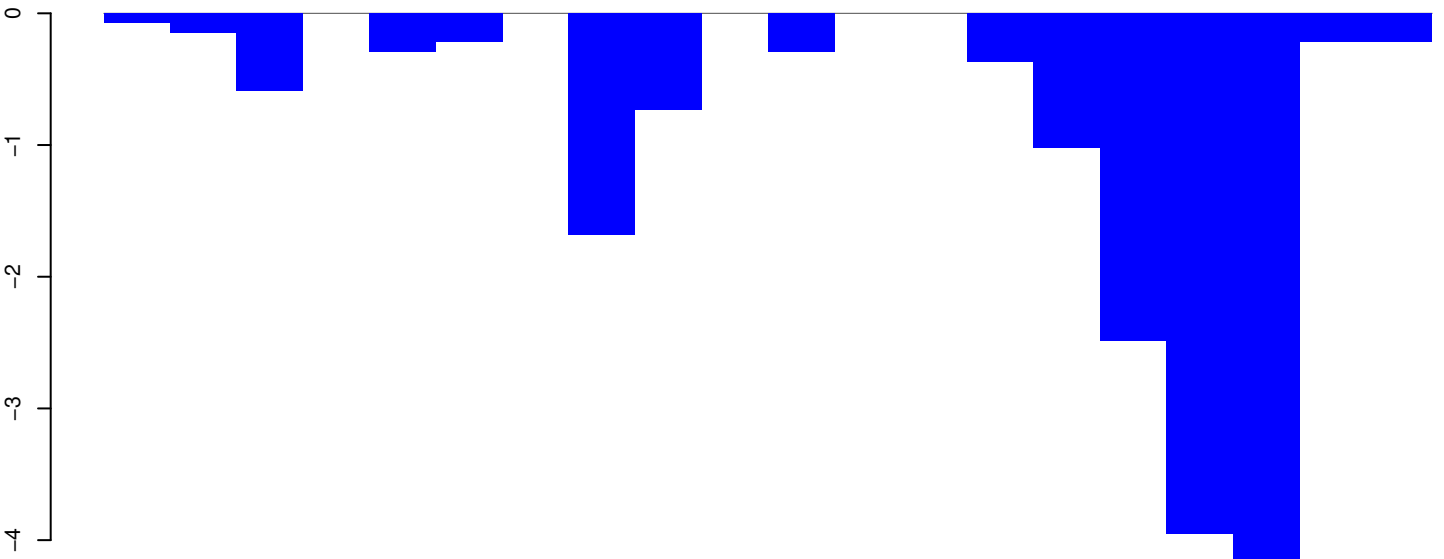
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=17, total=17

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

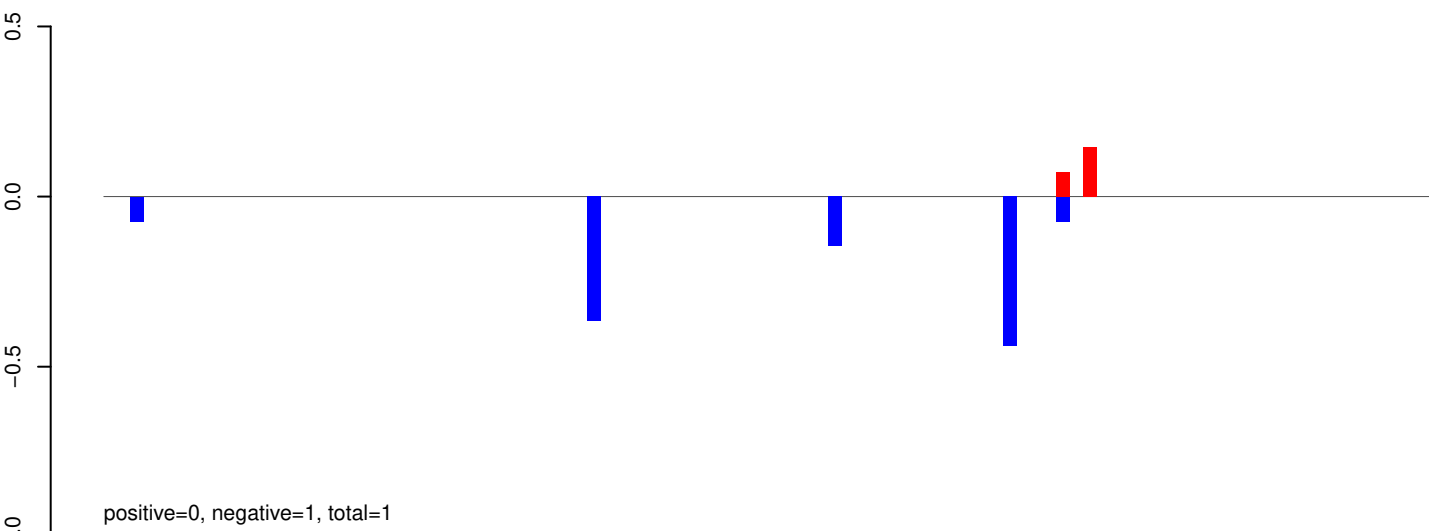


positive=0, negative=17, total=17

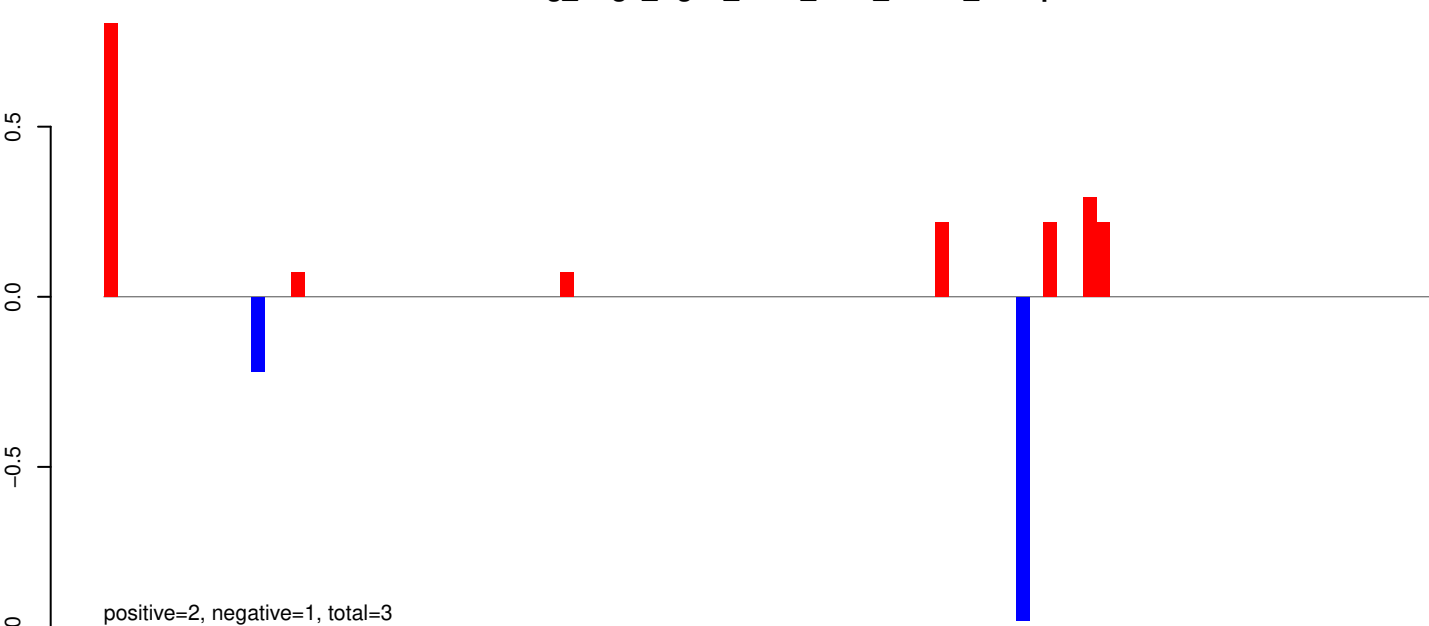
Window size=25, length=491, TE@hAT-N1\_AAe:1-491

100 200 300 400 500

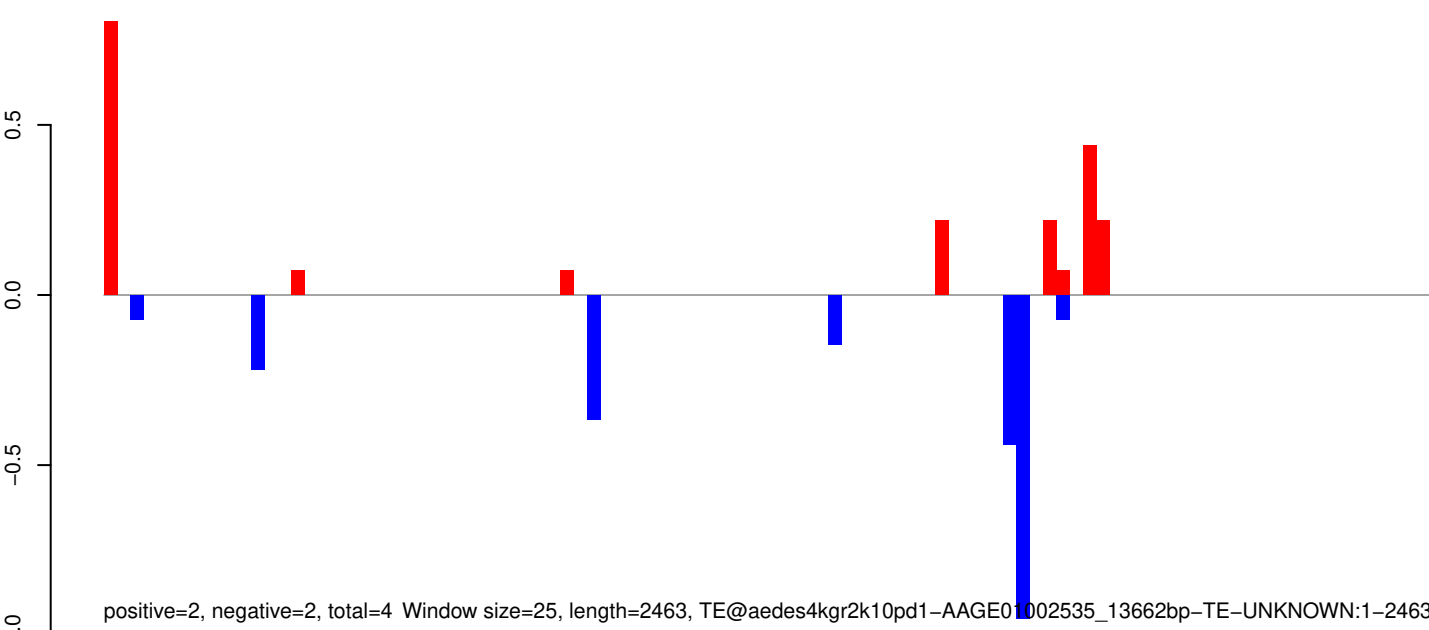
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



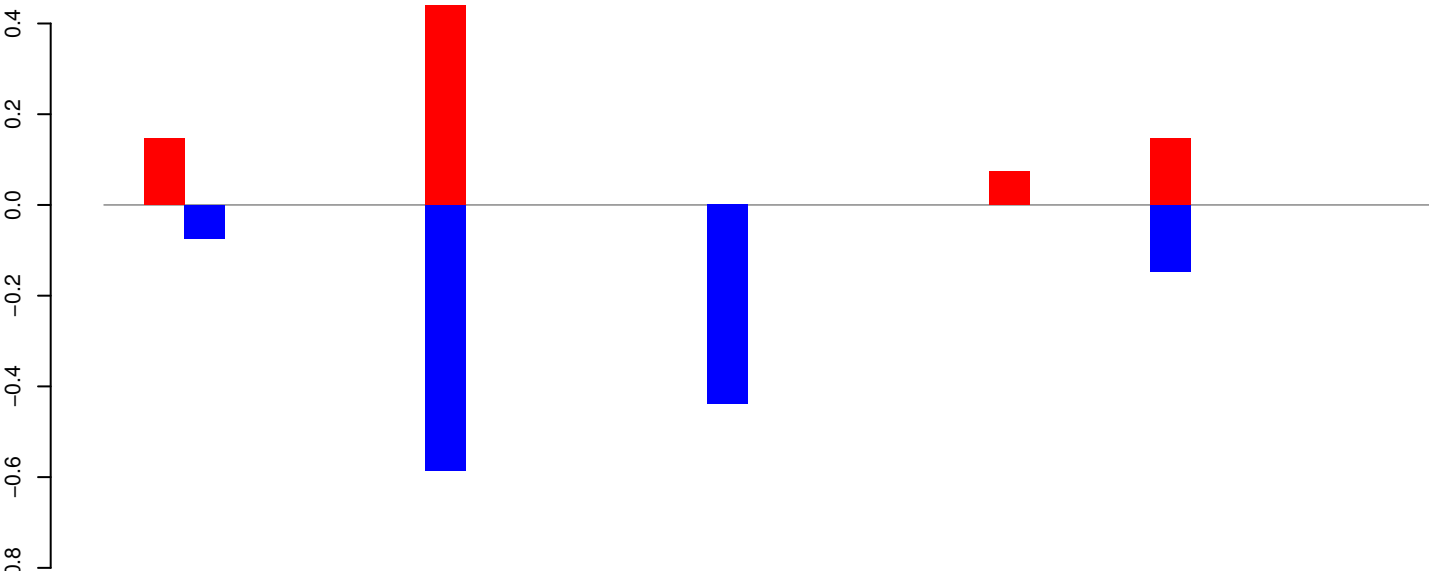
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

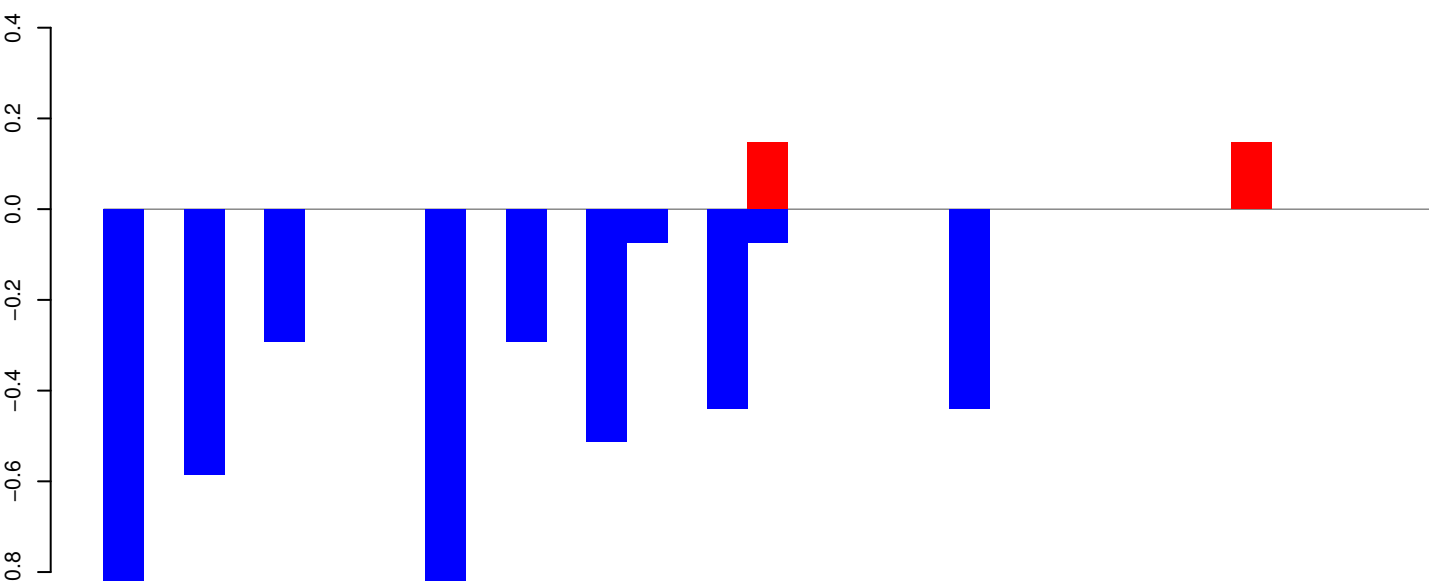


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



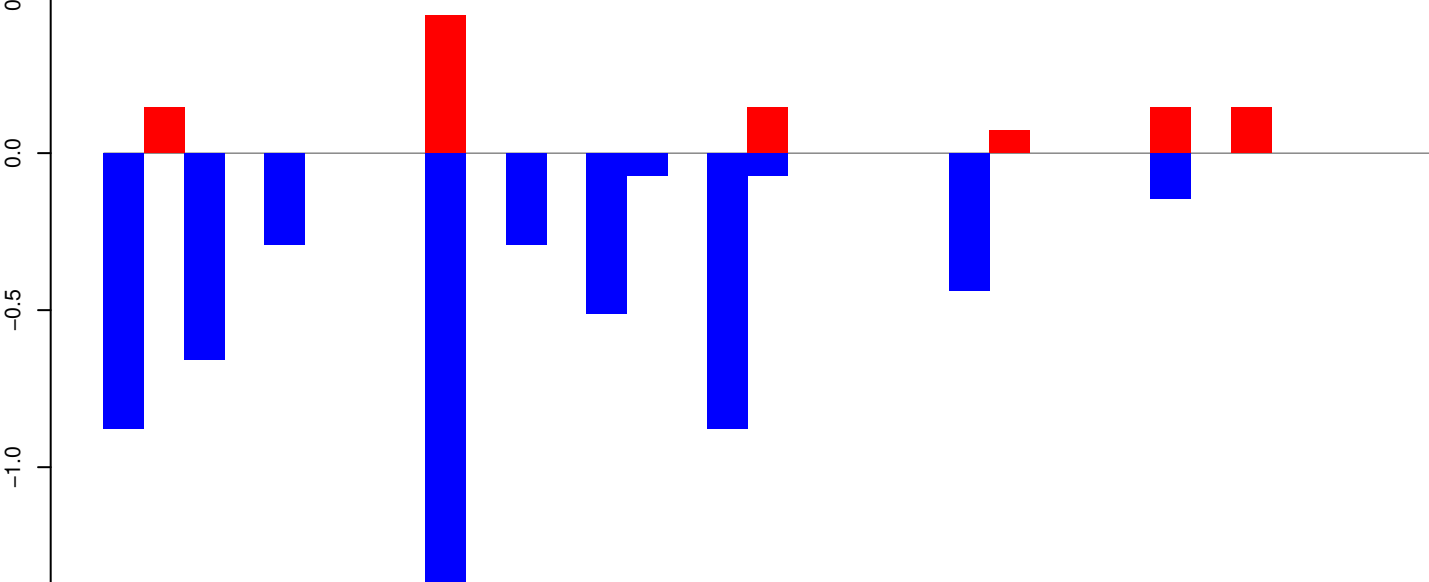
positive=1, negative=1, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=4, total=5

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

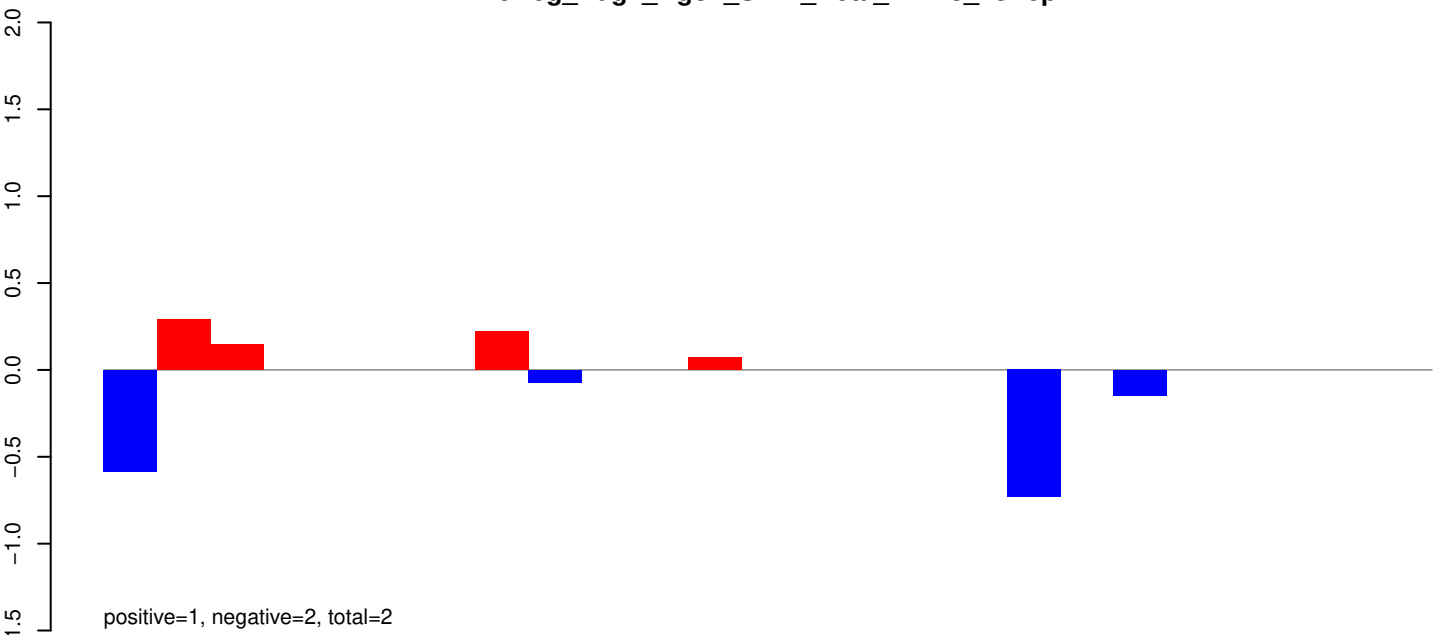


positive=1, negative=6, total=7

Window size=25, length=810, TE@TF001332-m8bp\_Ele21:1-810



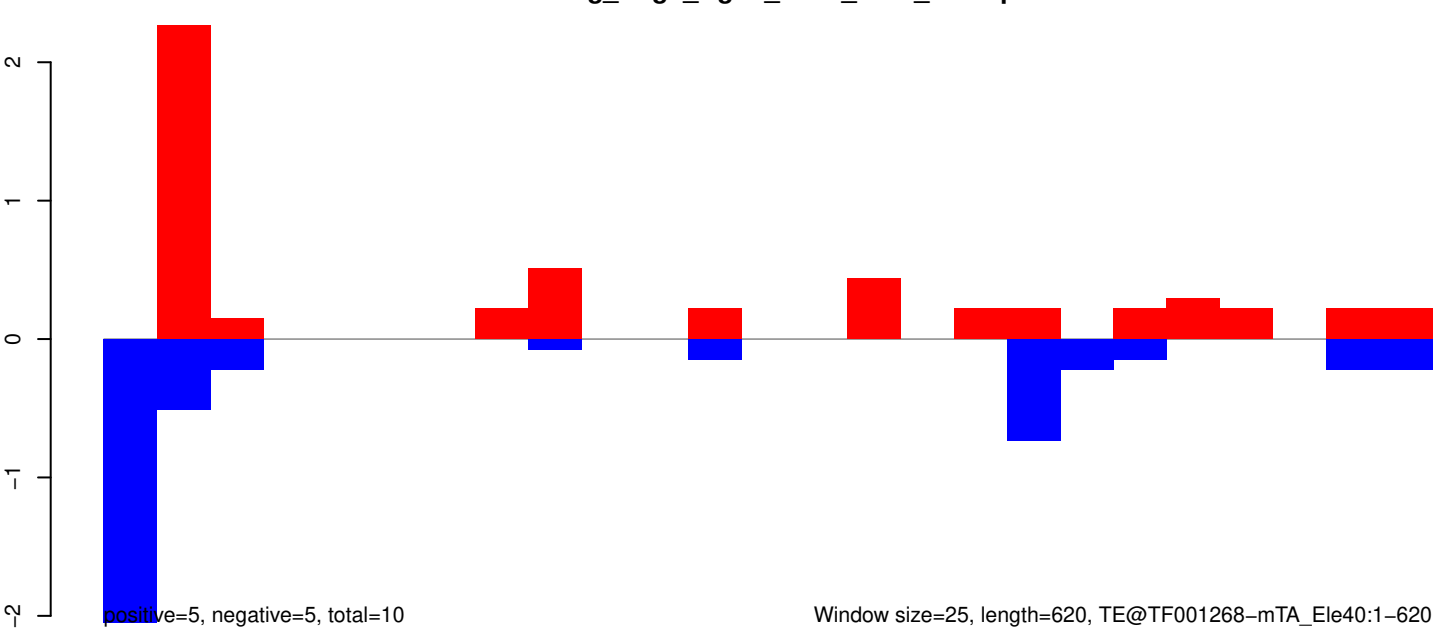
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



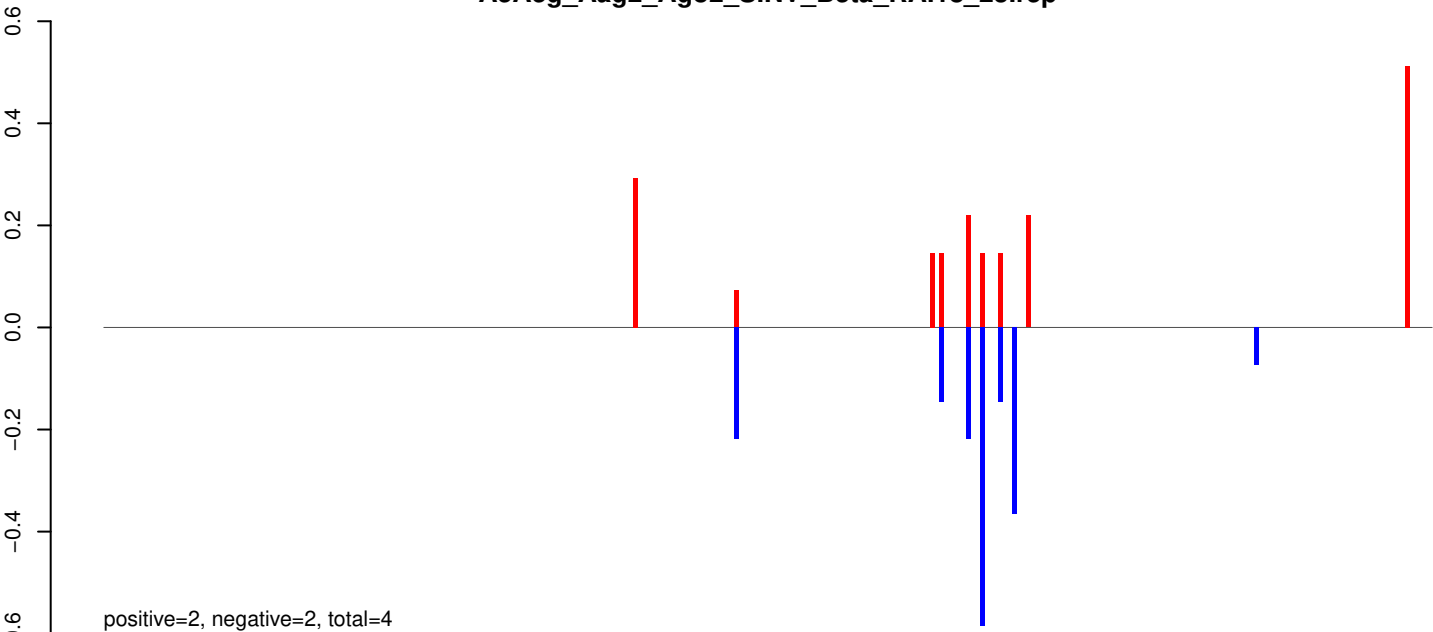
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



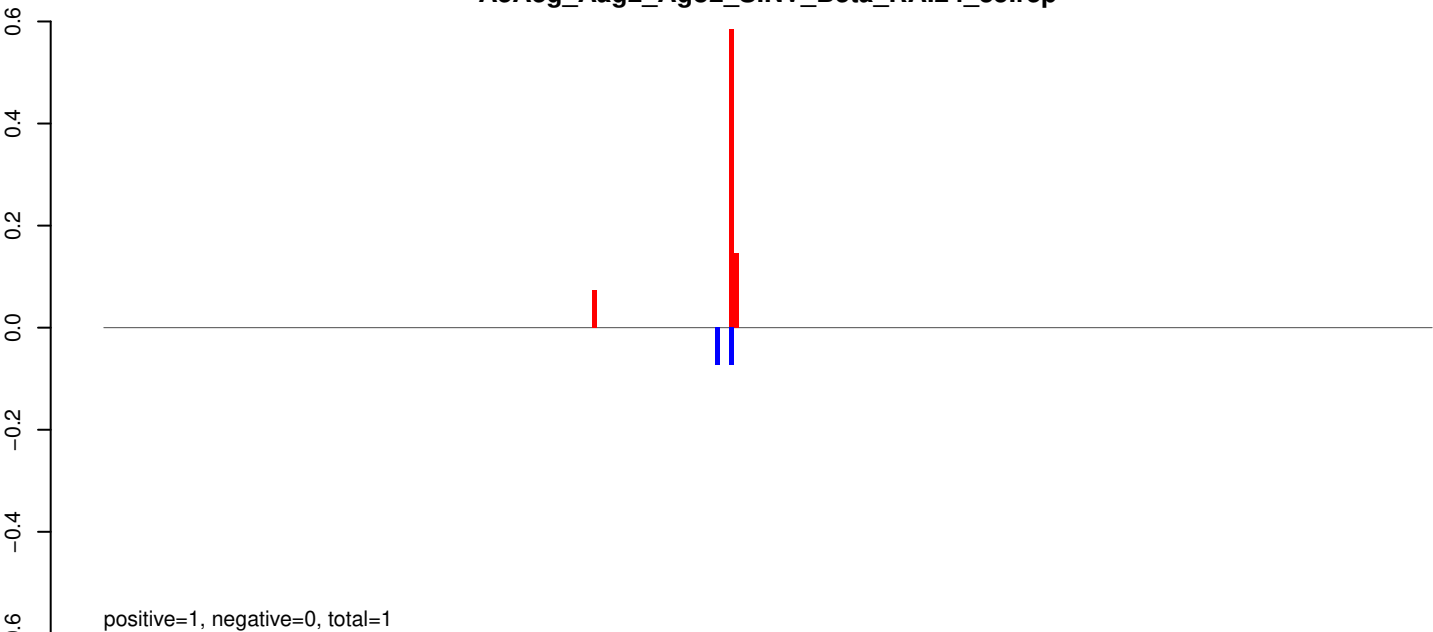
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



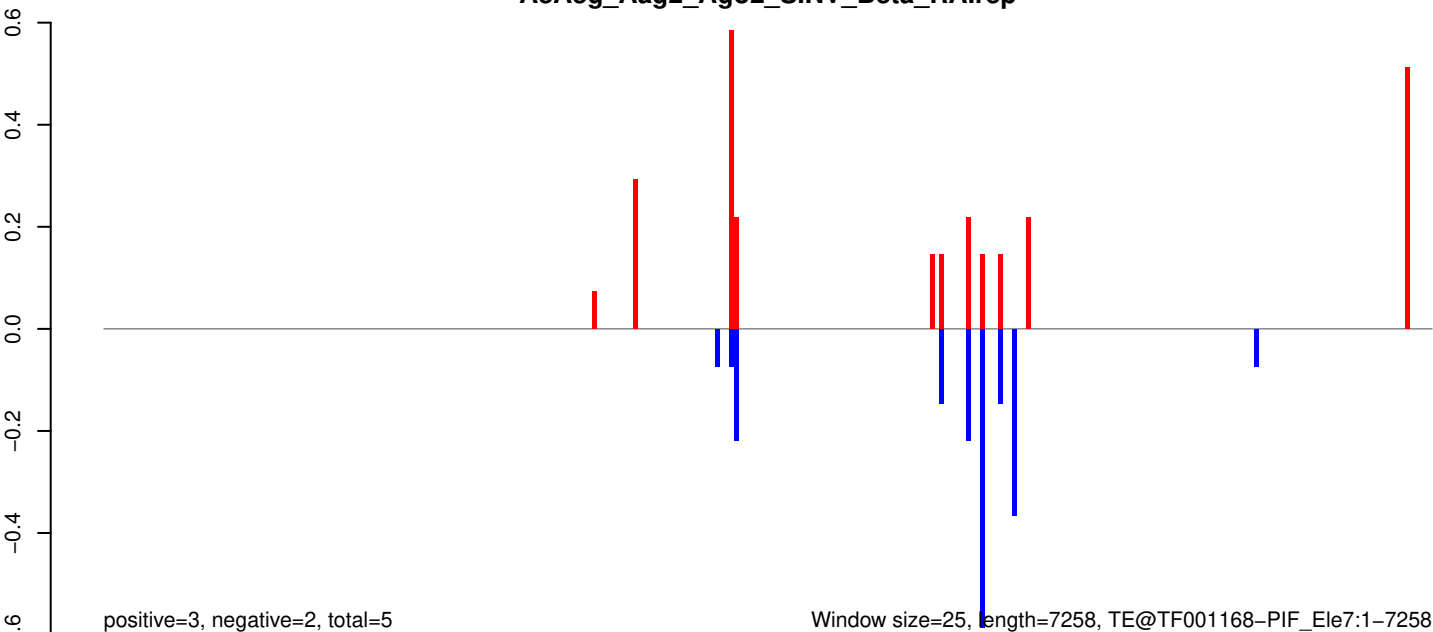
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



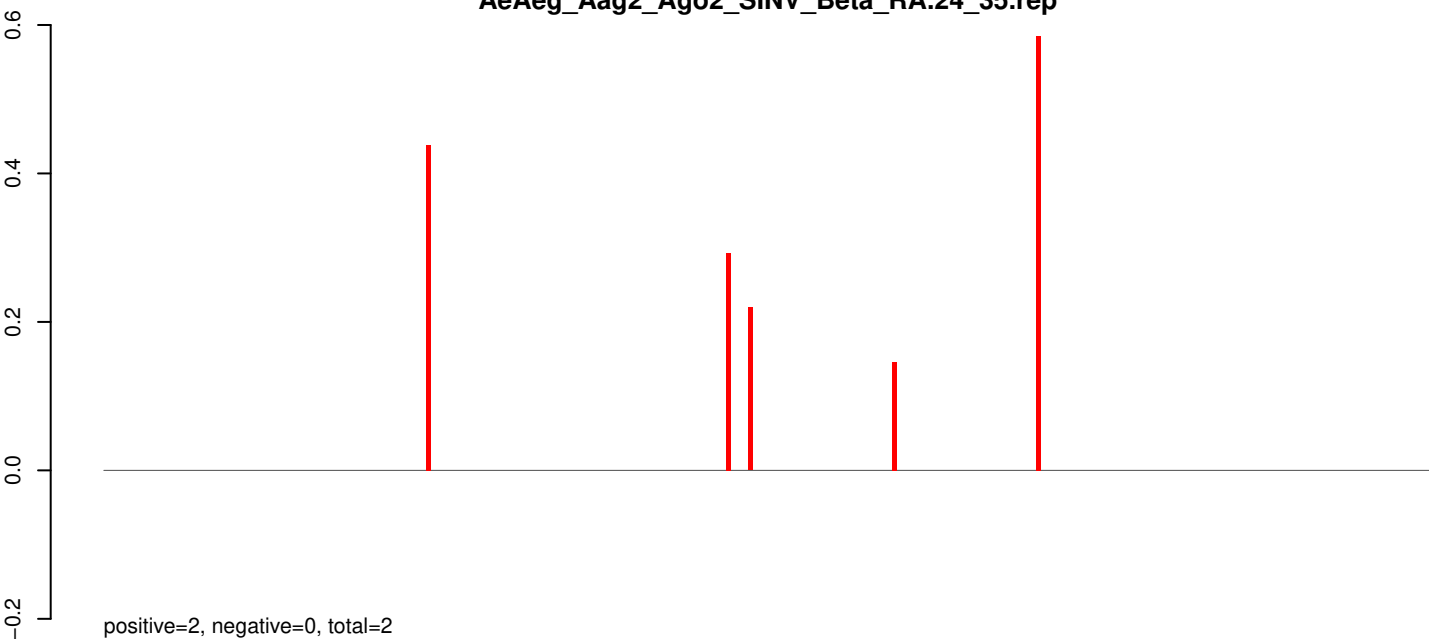
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



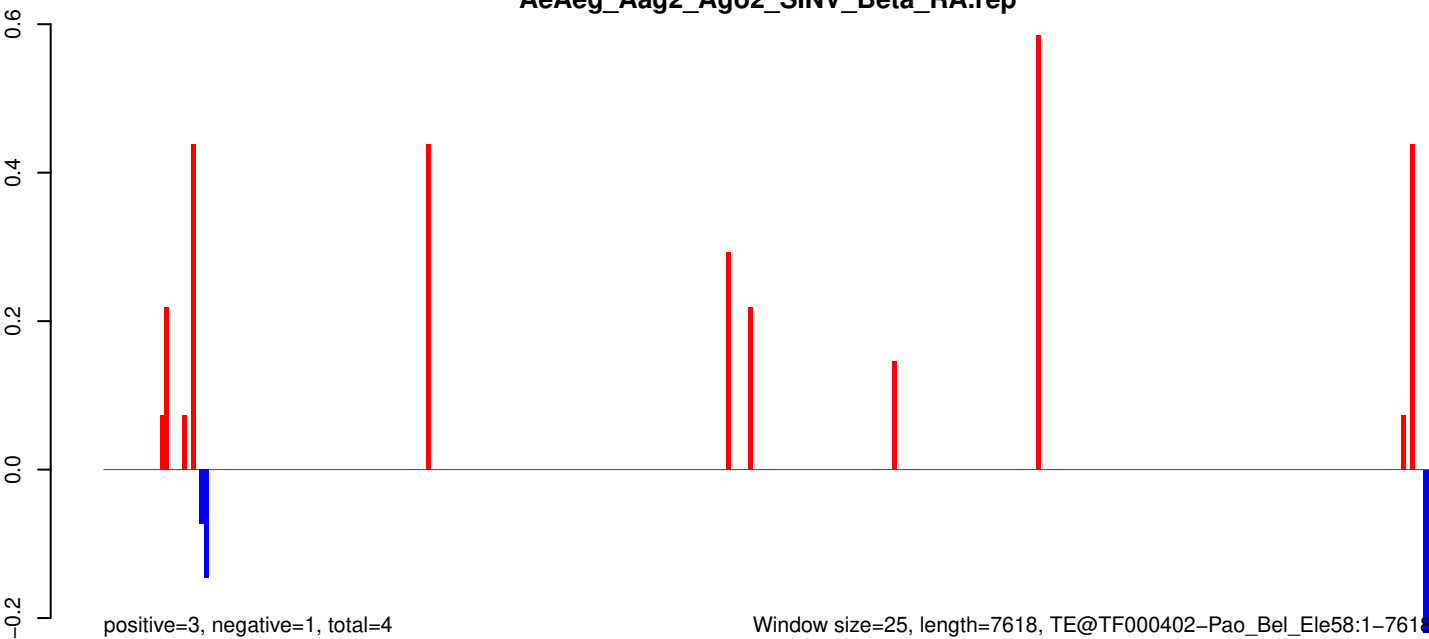
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

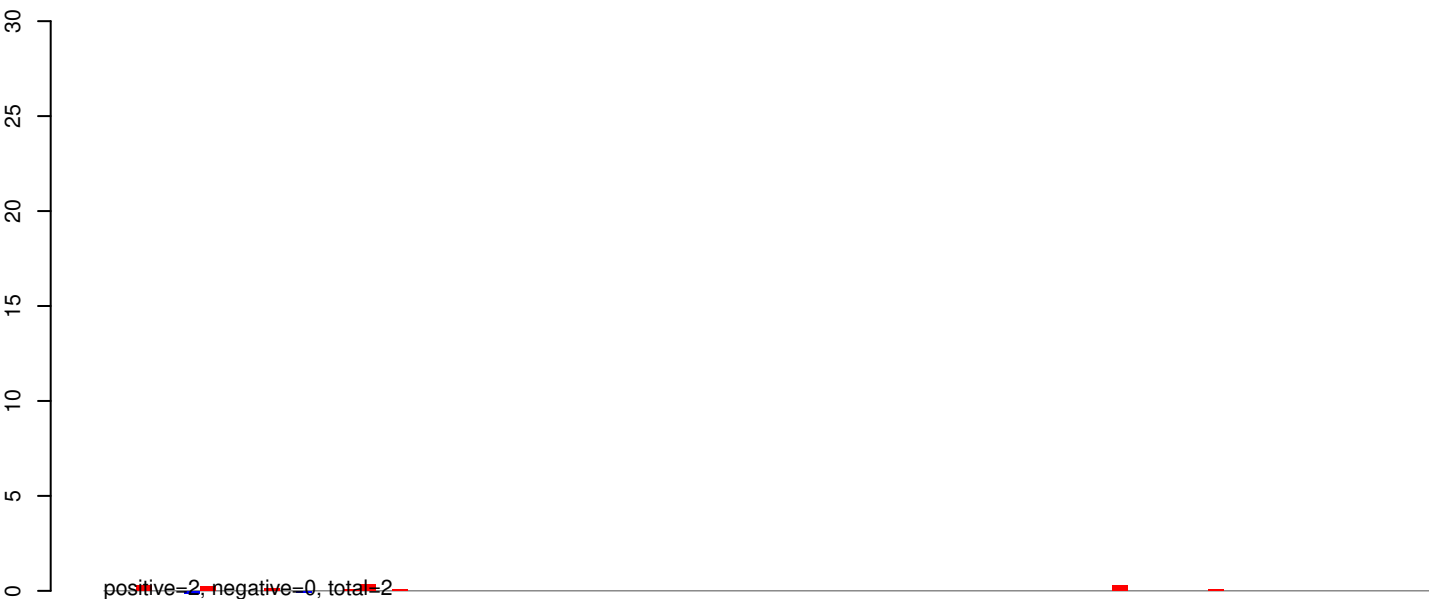


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

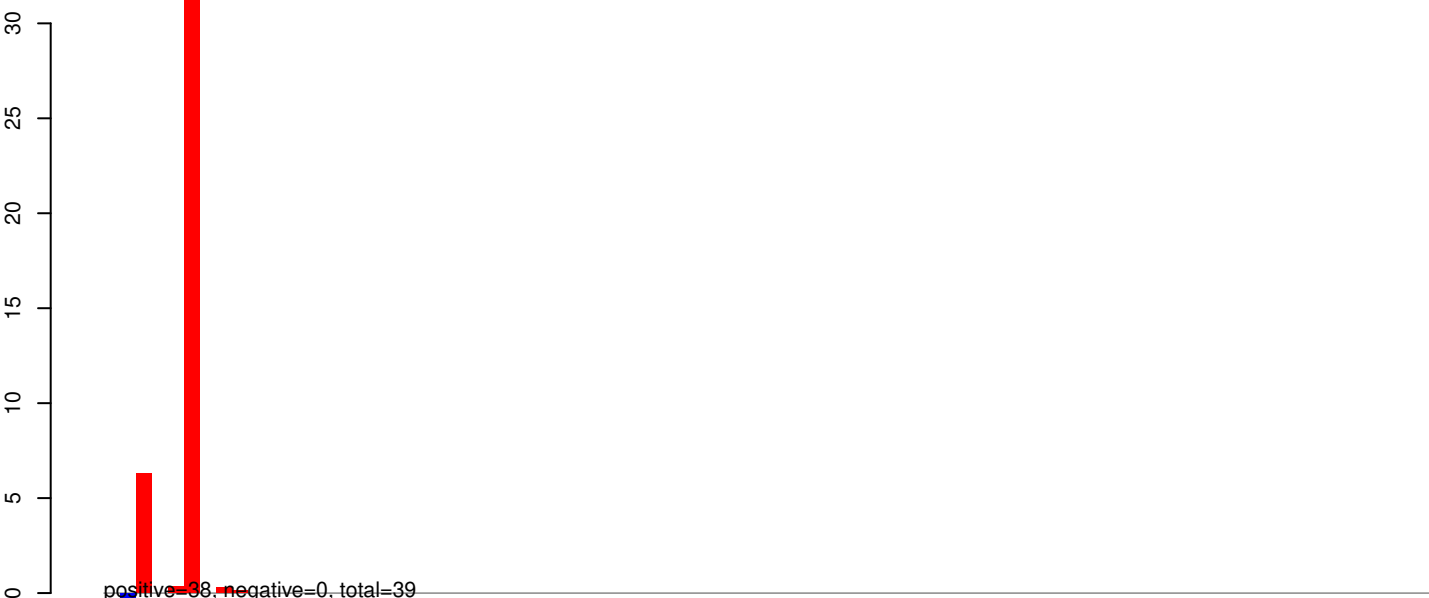


Window size=25, length=7618, TE@TF000402-Pao\_Bel\_Ele58:1-7618

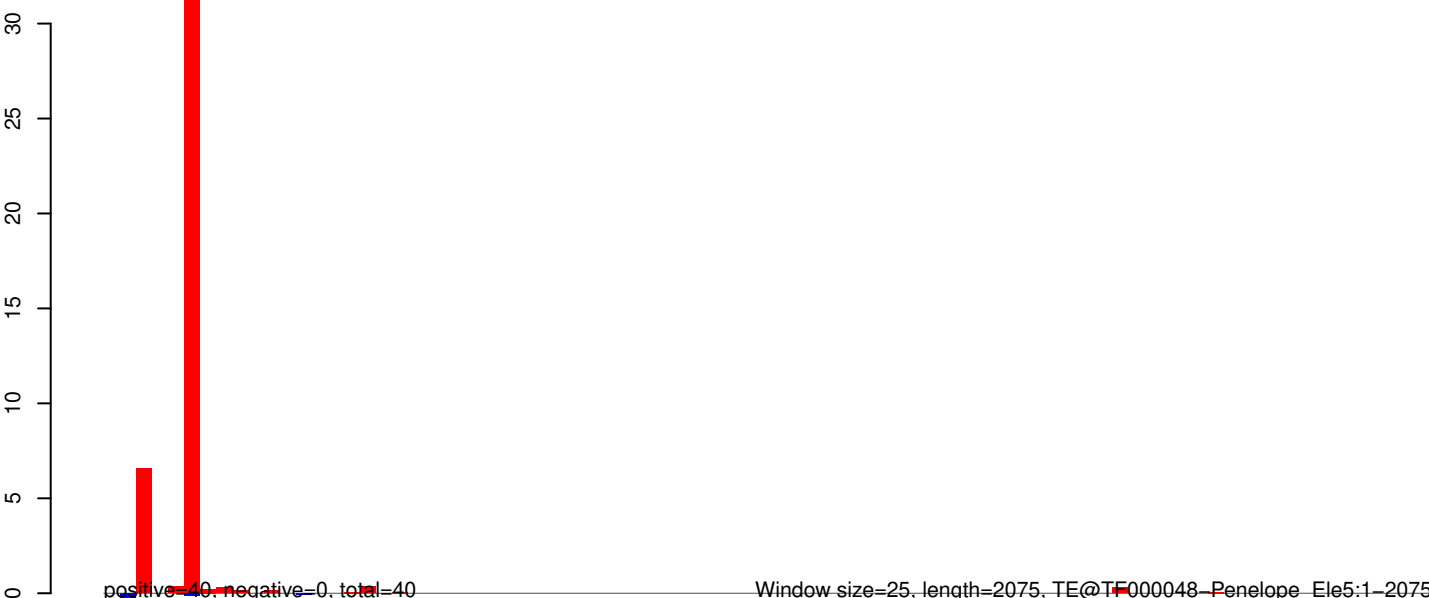
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



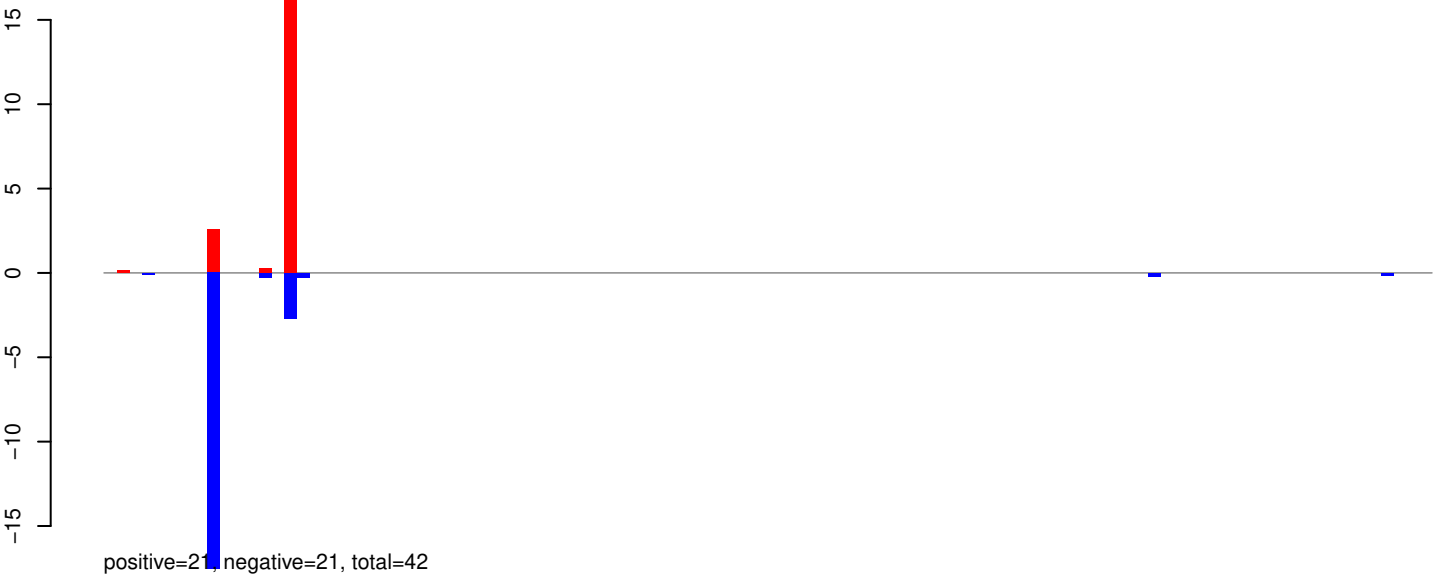
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



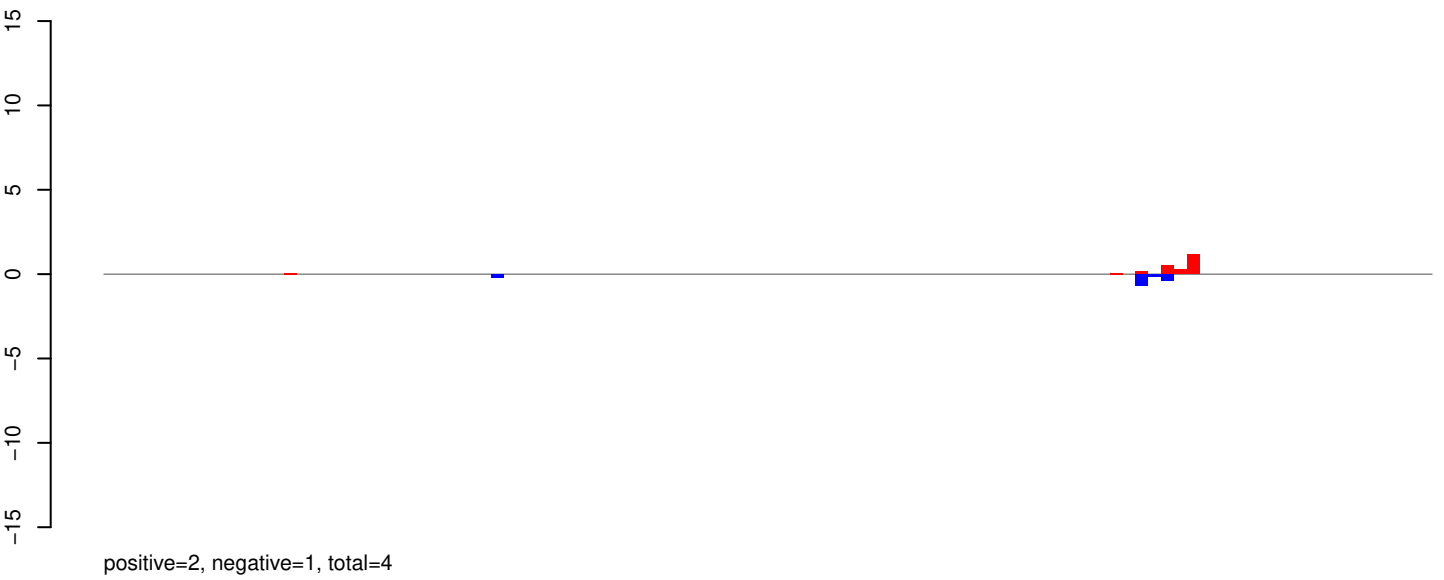
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



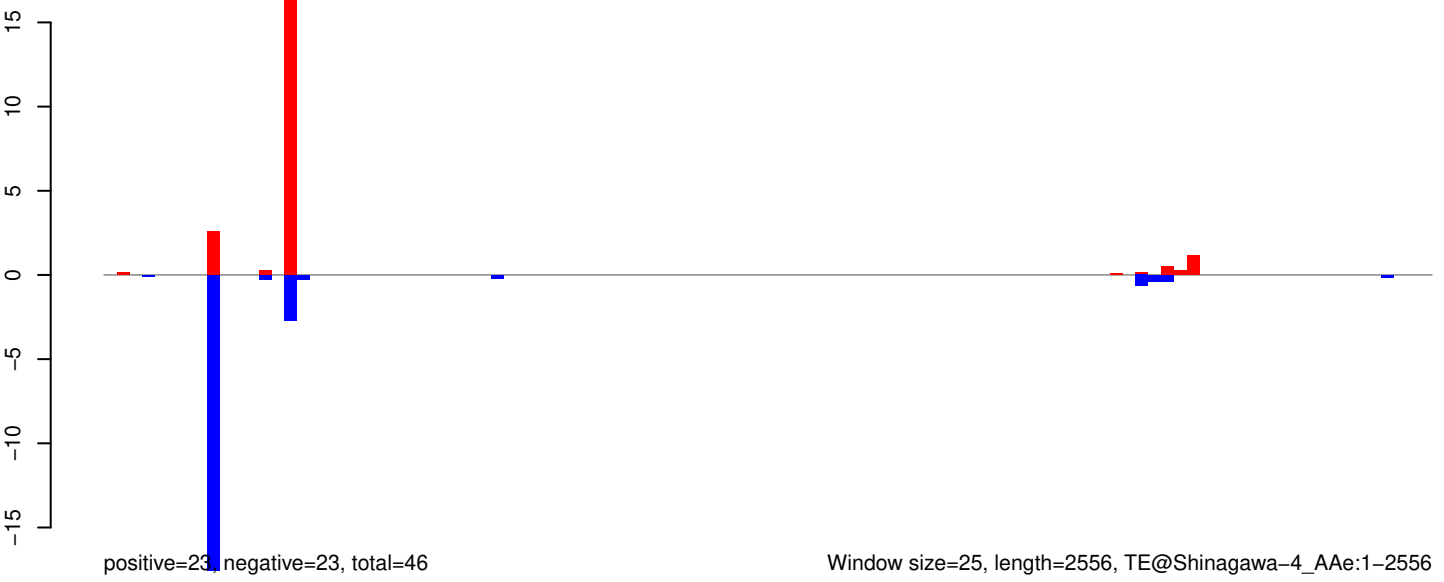
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



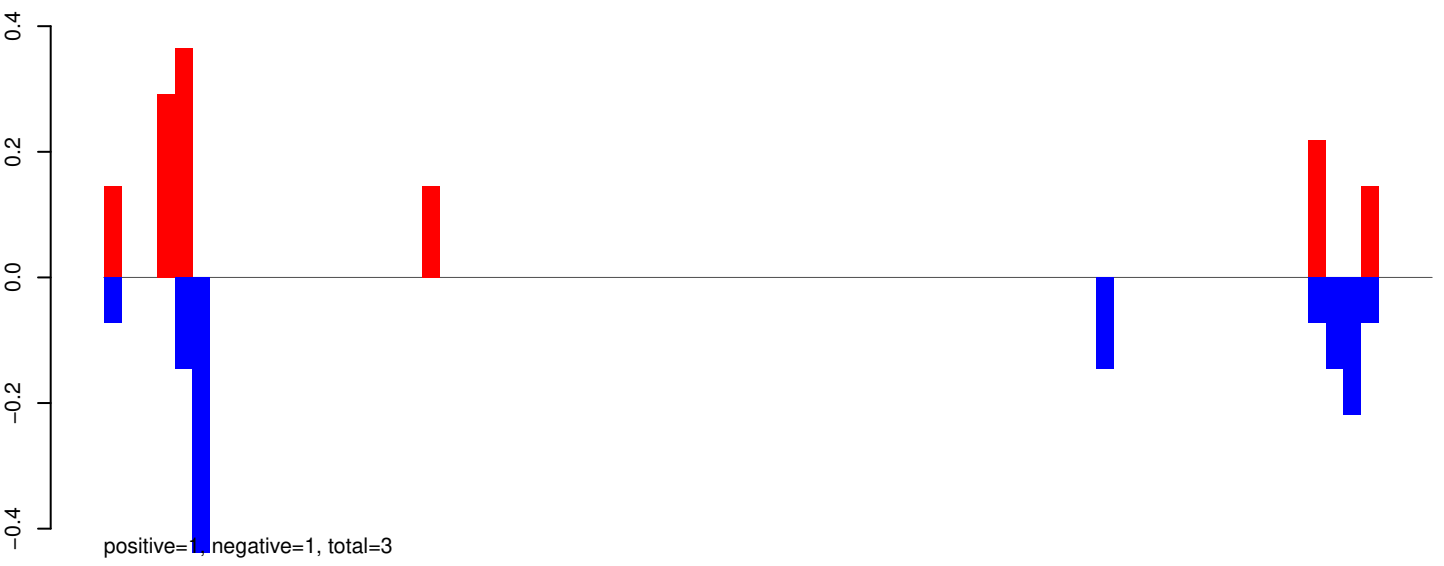
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



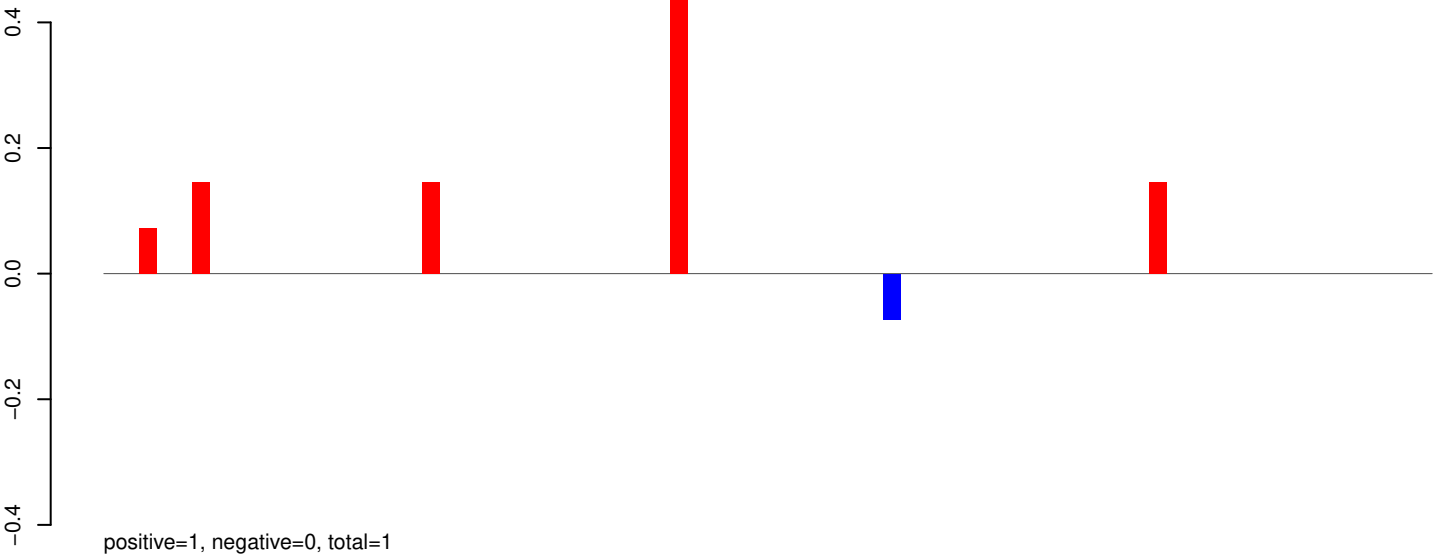
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



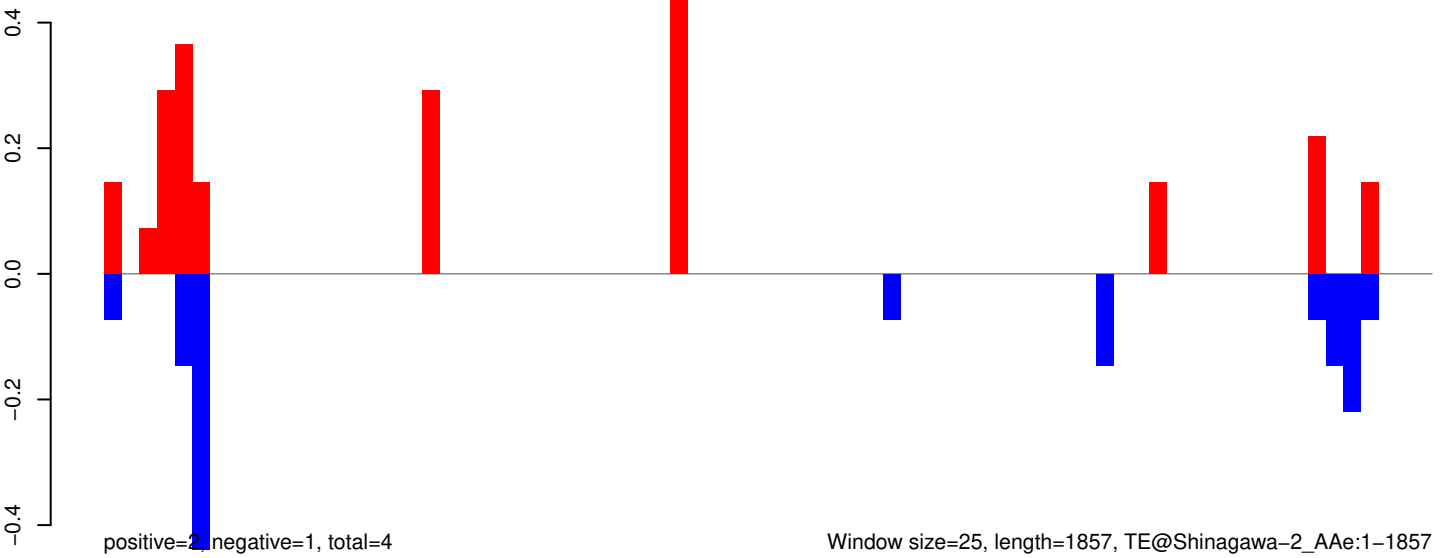
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



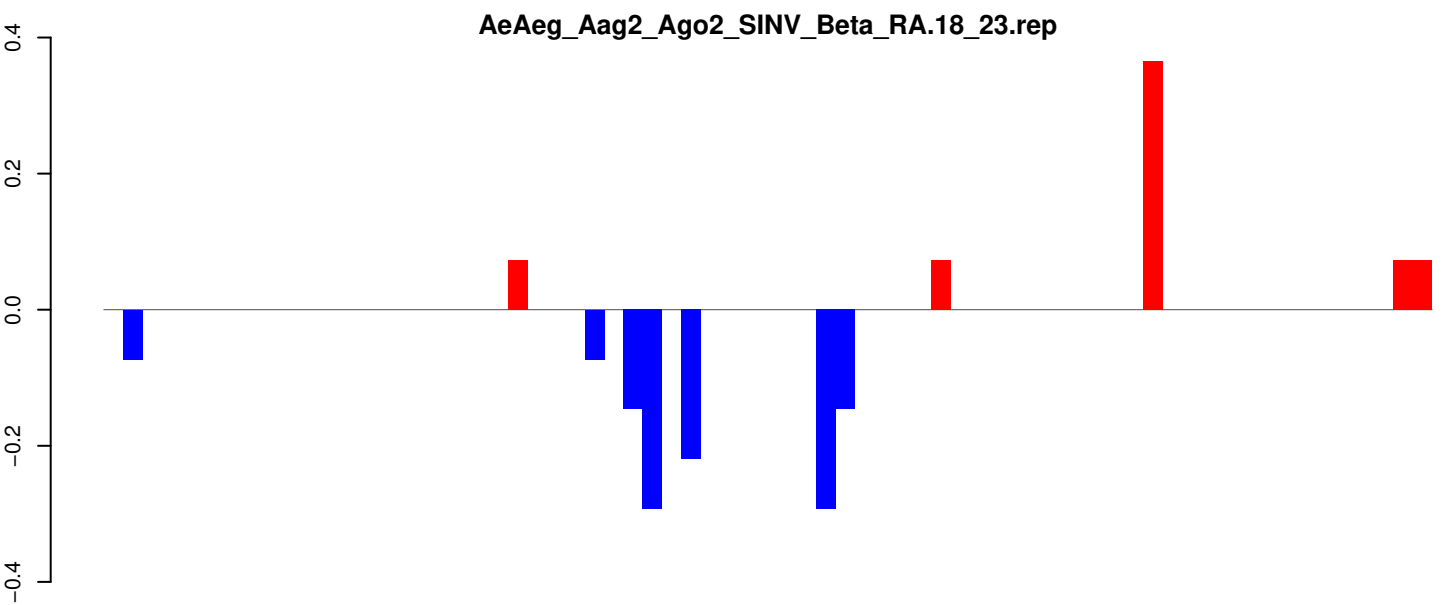
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



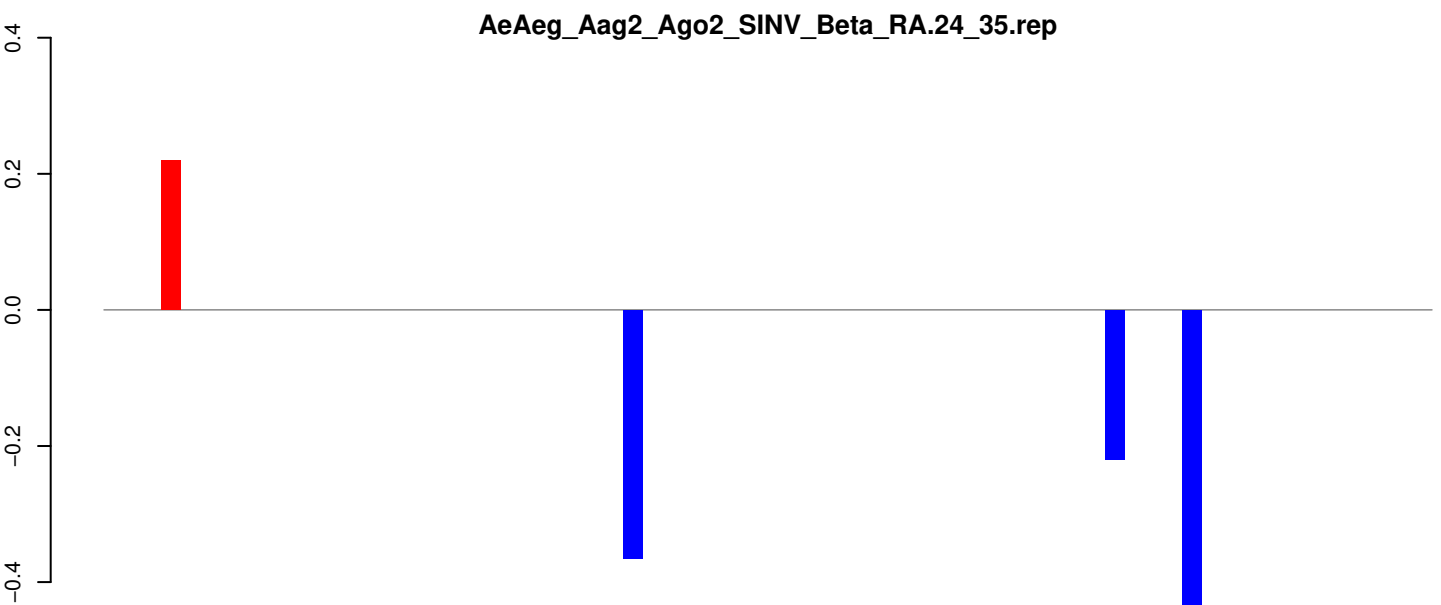
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



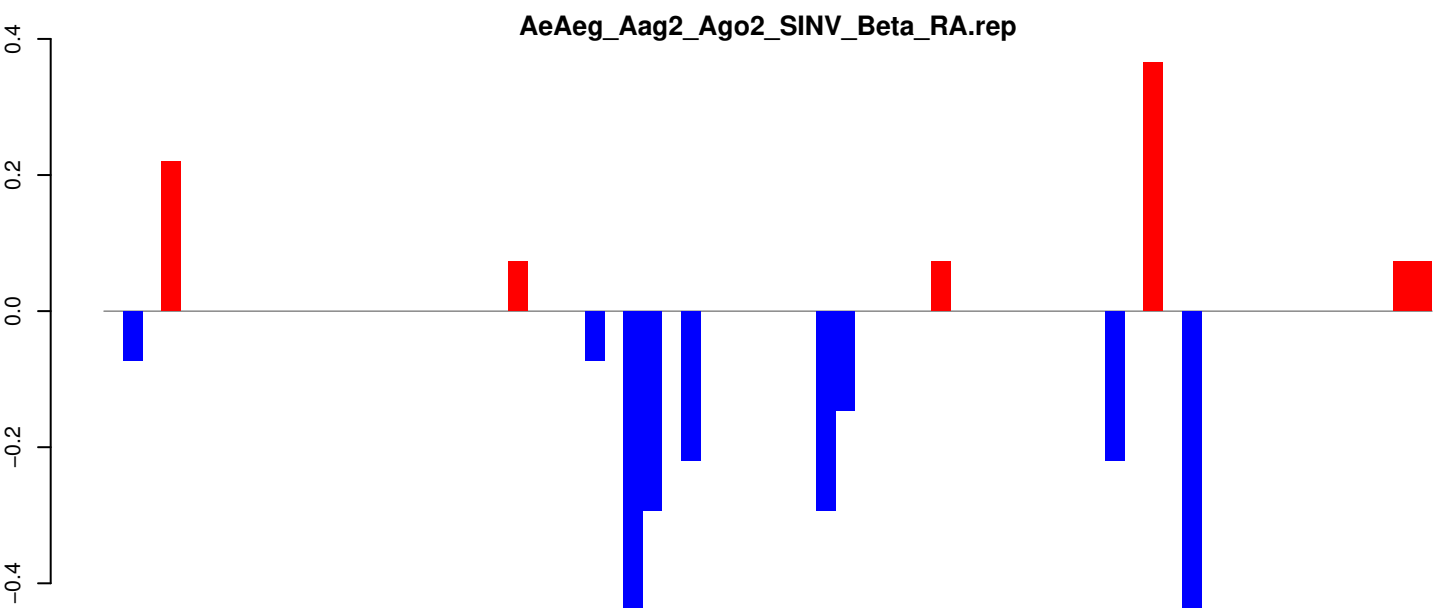
Window size=25, length=1857, TE@Shinagawa-2\_AAe:1-1857



positive=1, negative=1, total=2



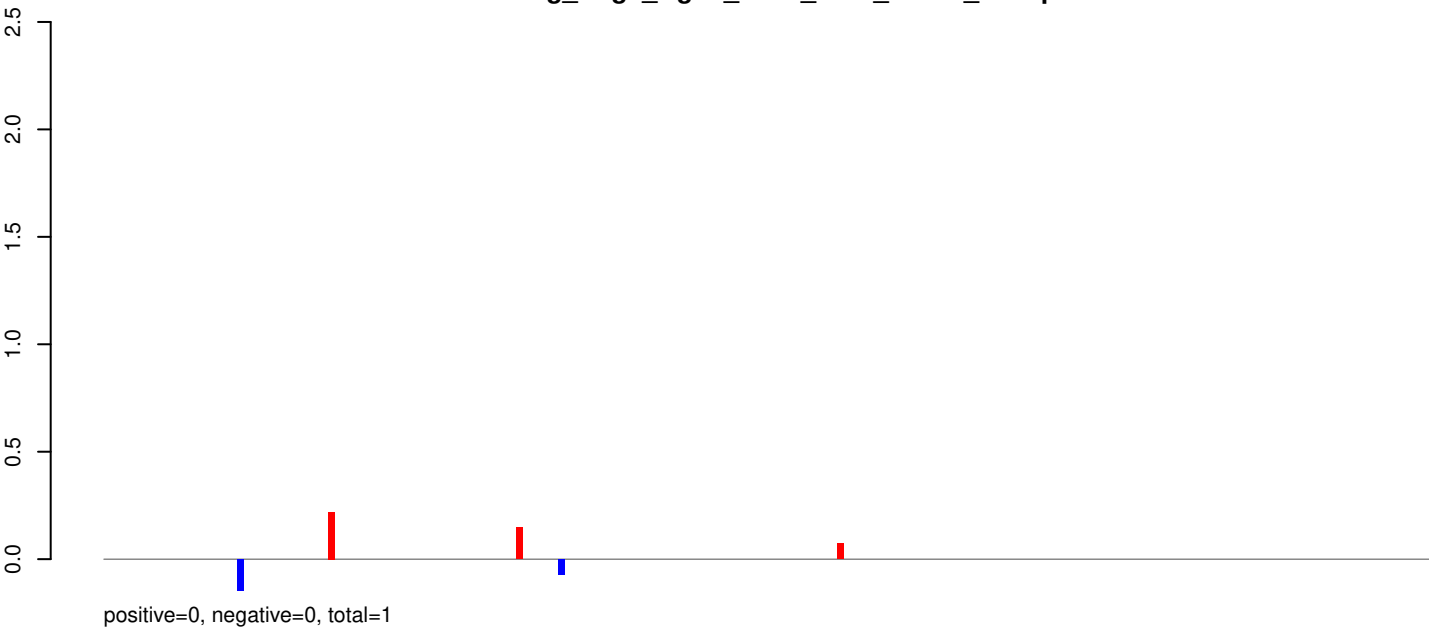
positive=0, negative=1, total=1



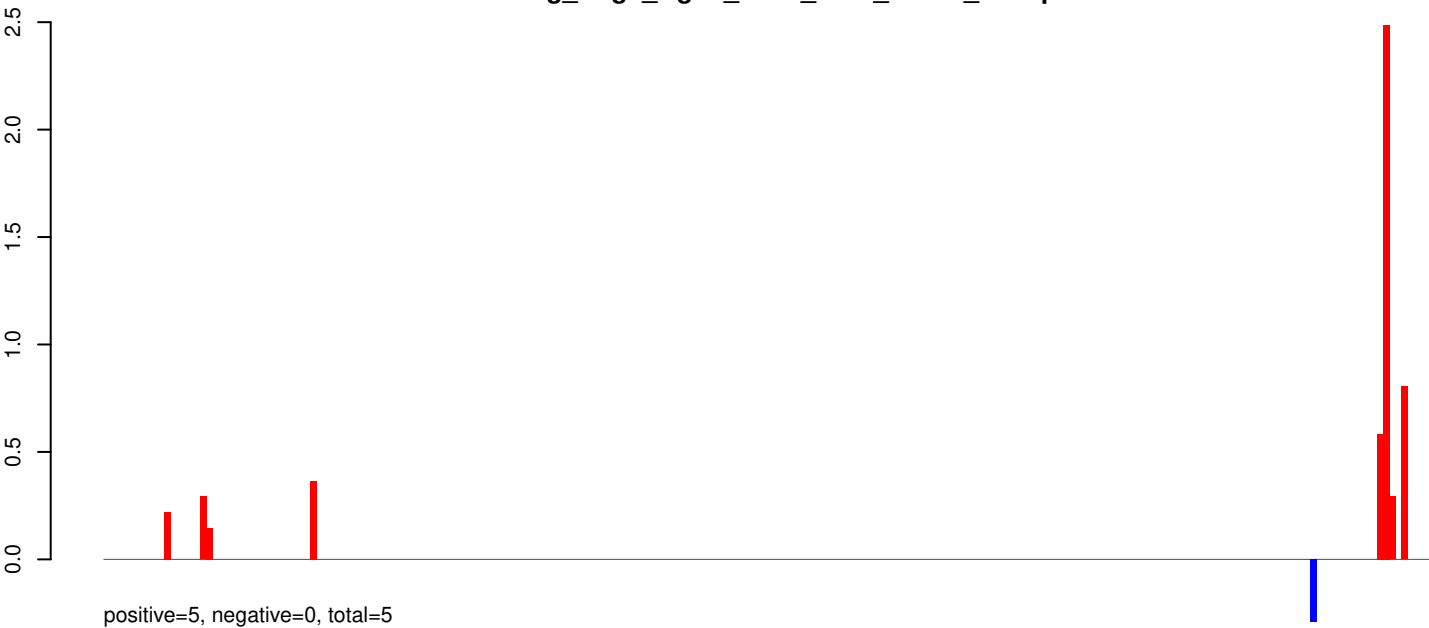
positive=1, negative=2, total=3

Window size=25, length=1717, TE@R-947-UNKNOWN:1-1717

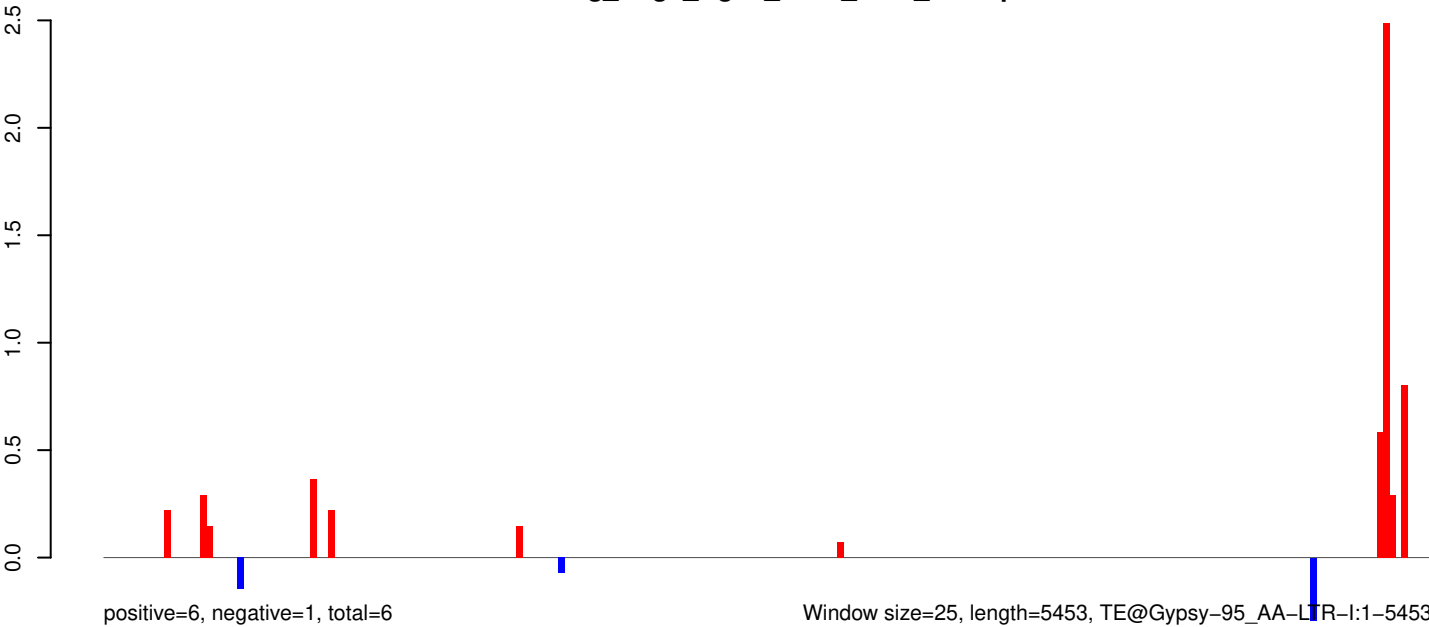
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

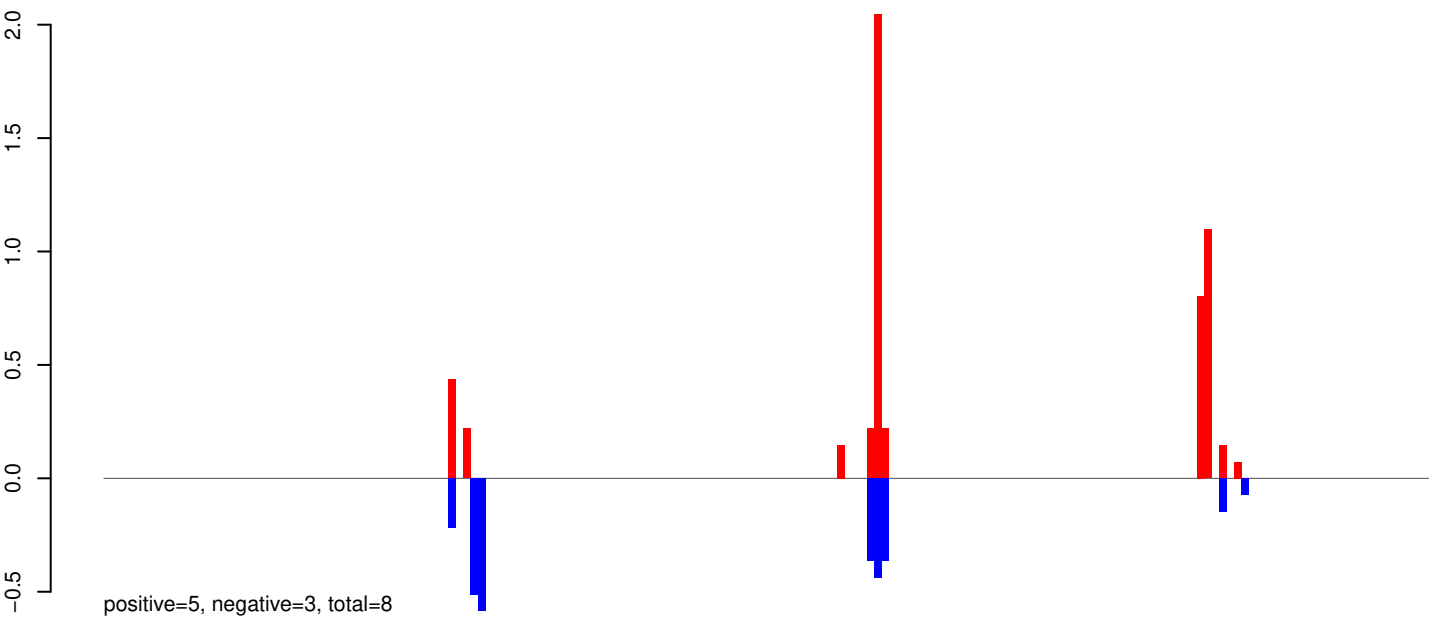


Window size=25, length=5453, TE@Gypsy-95\_AA-LTR-I:1-5453

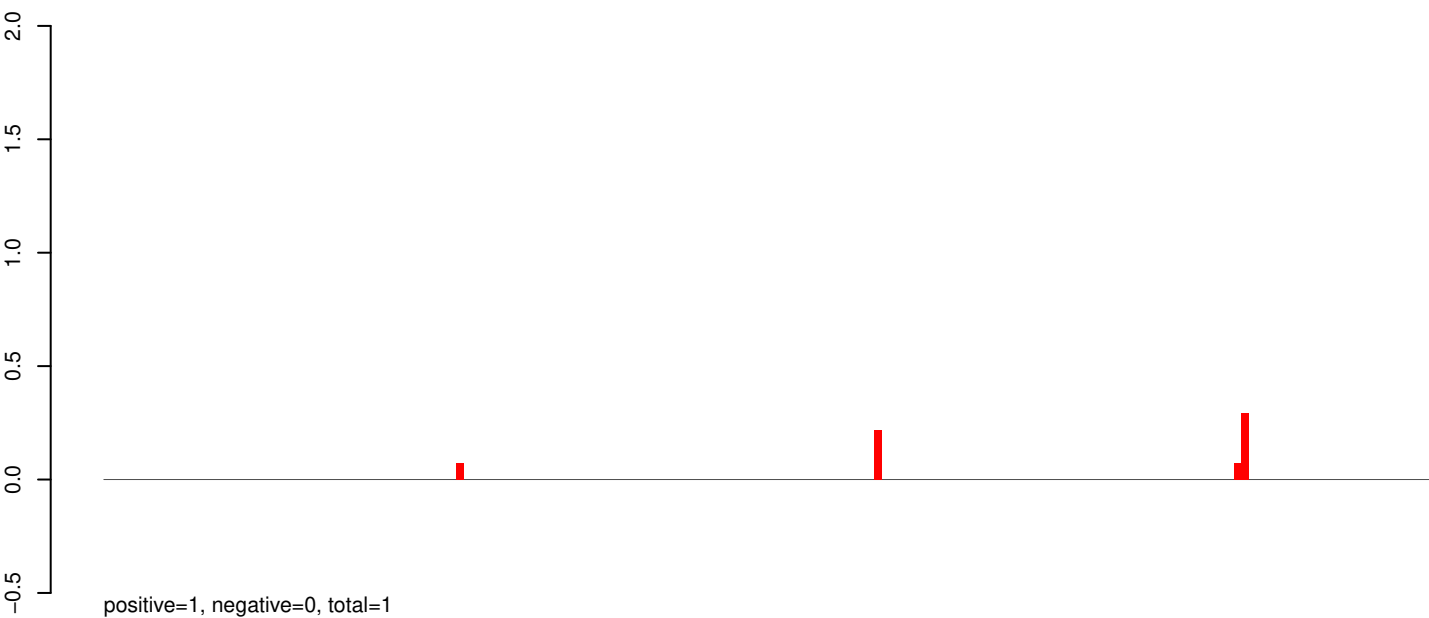
0 1000 2000 3000 4000 5000



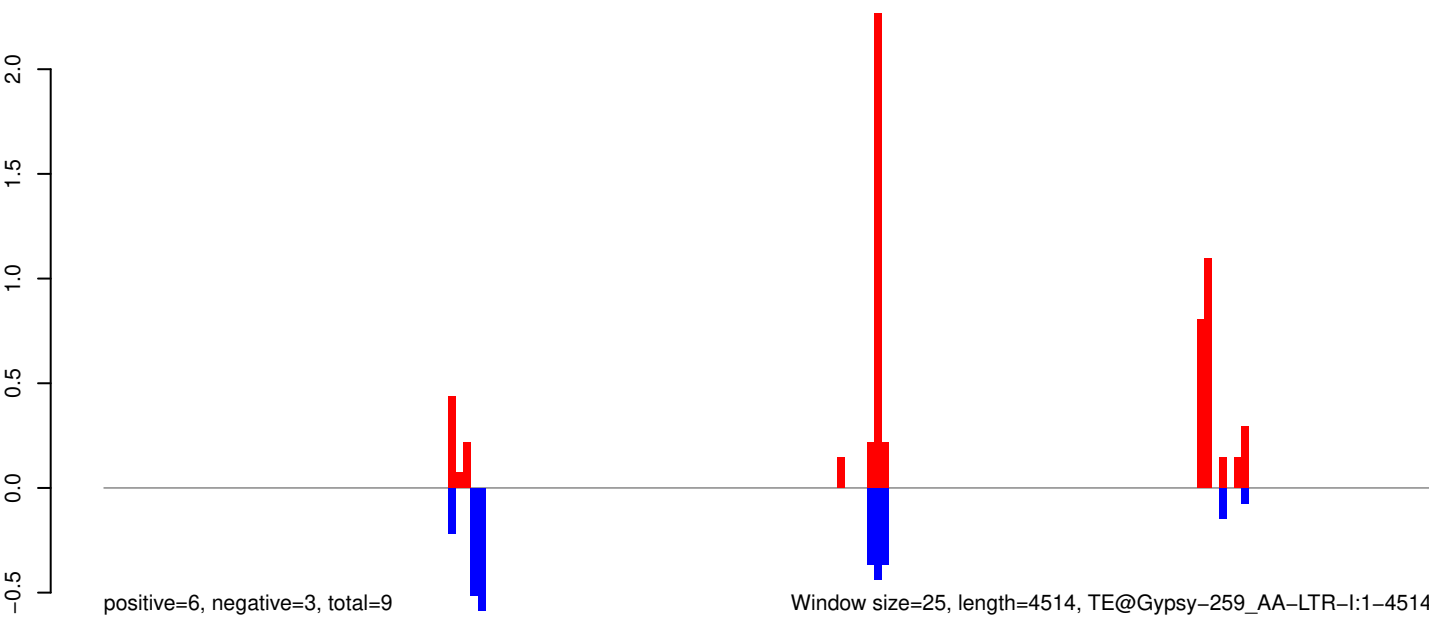
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



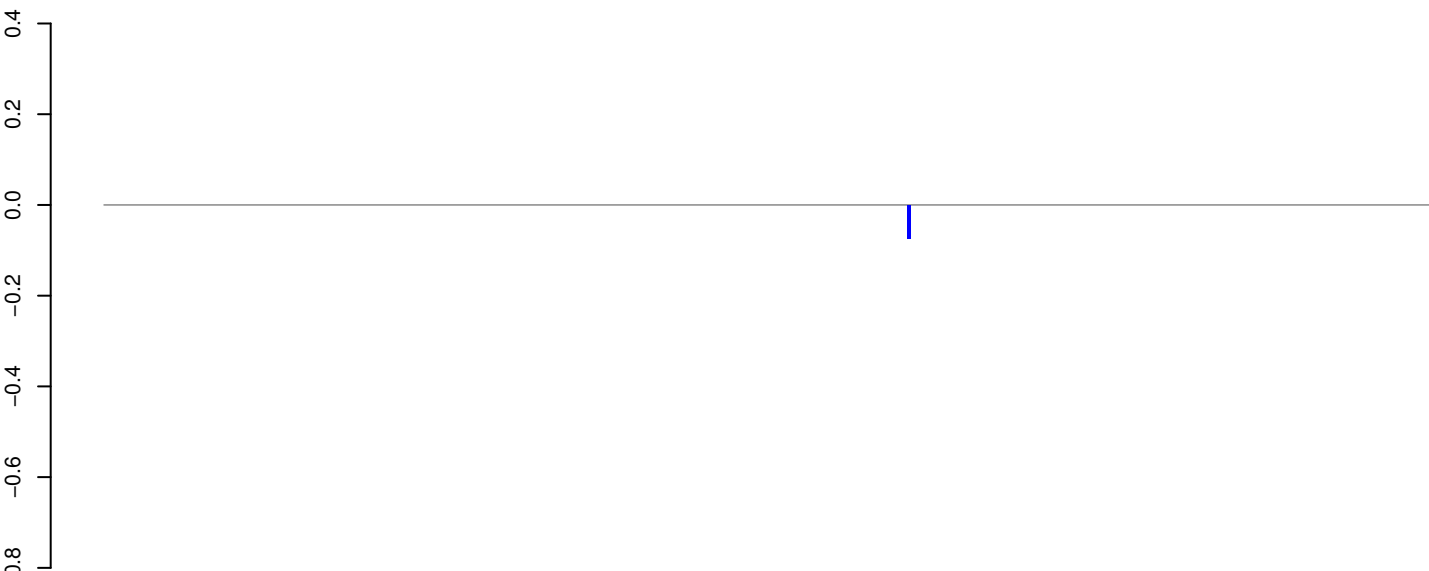
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

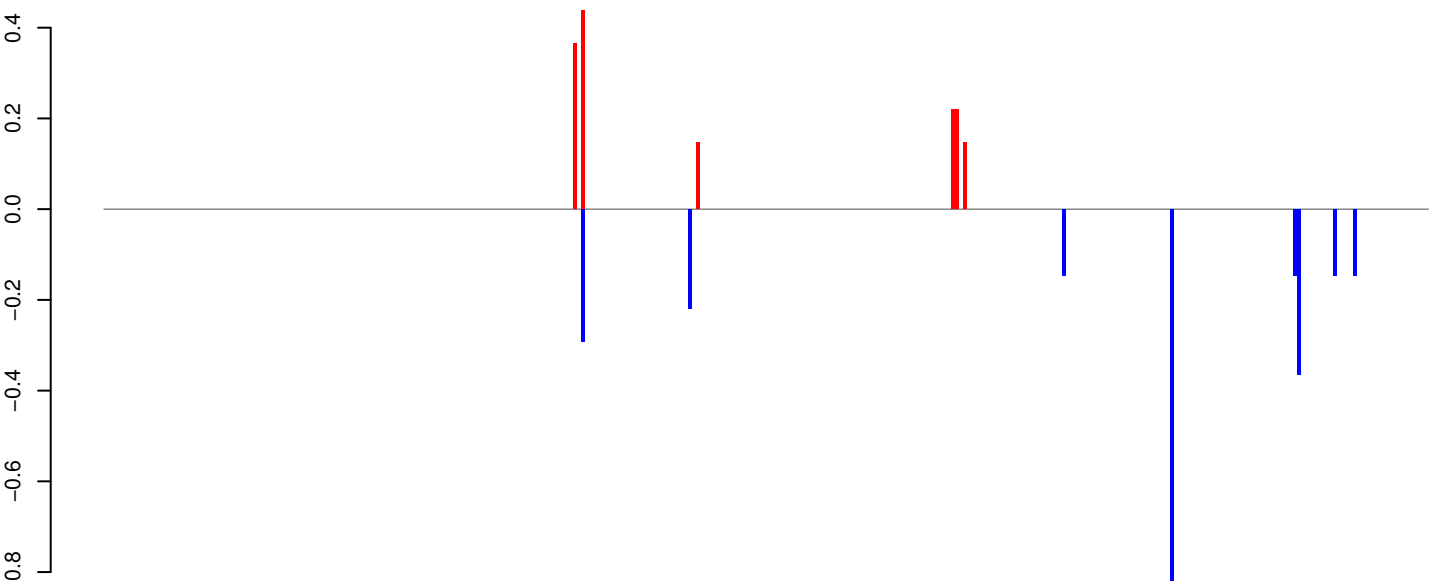


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



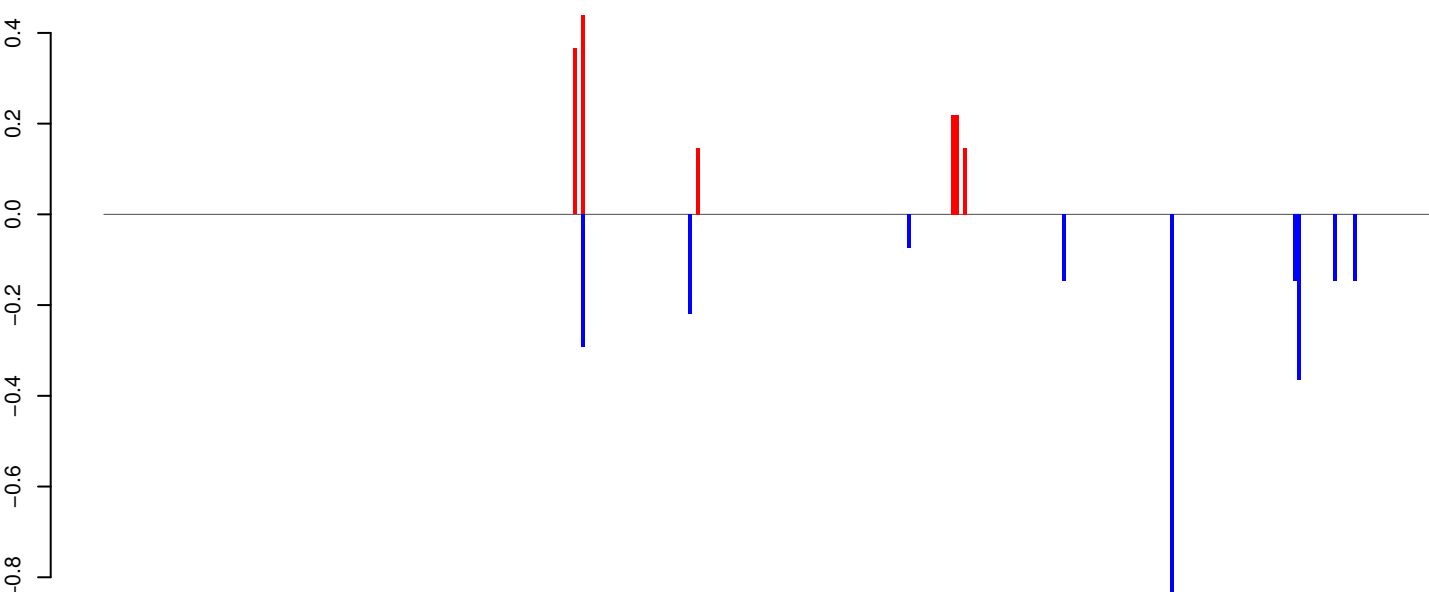
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=2, negative=2, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

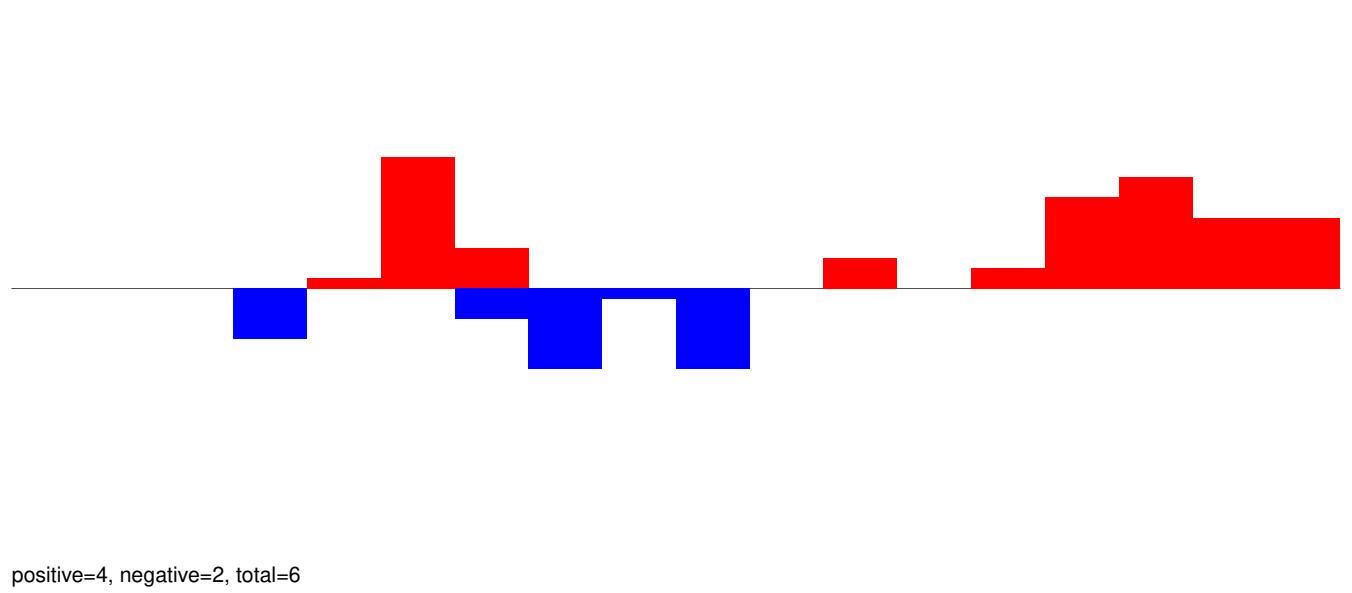


positive=2, negative=2, total=4

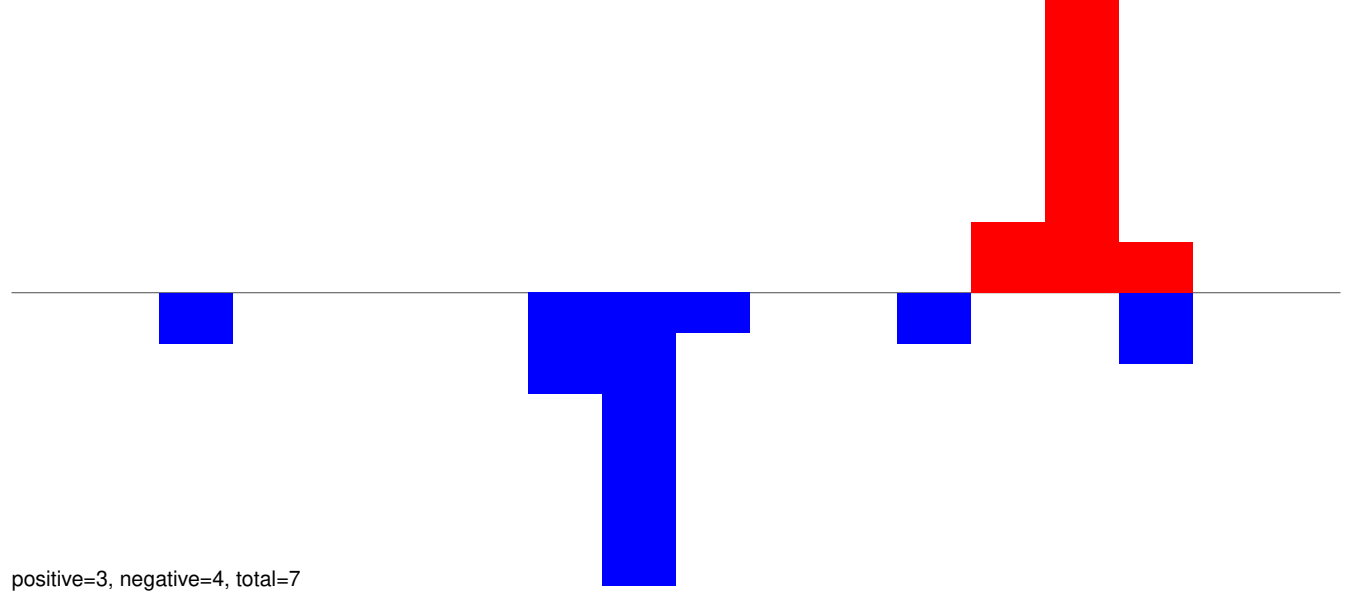
Window size=25, length=8335, TE@Gypsy-125\_AA-LTR-I:1-8335

0 2000 4000 6000 8000

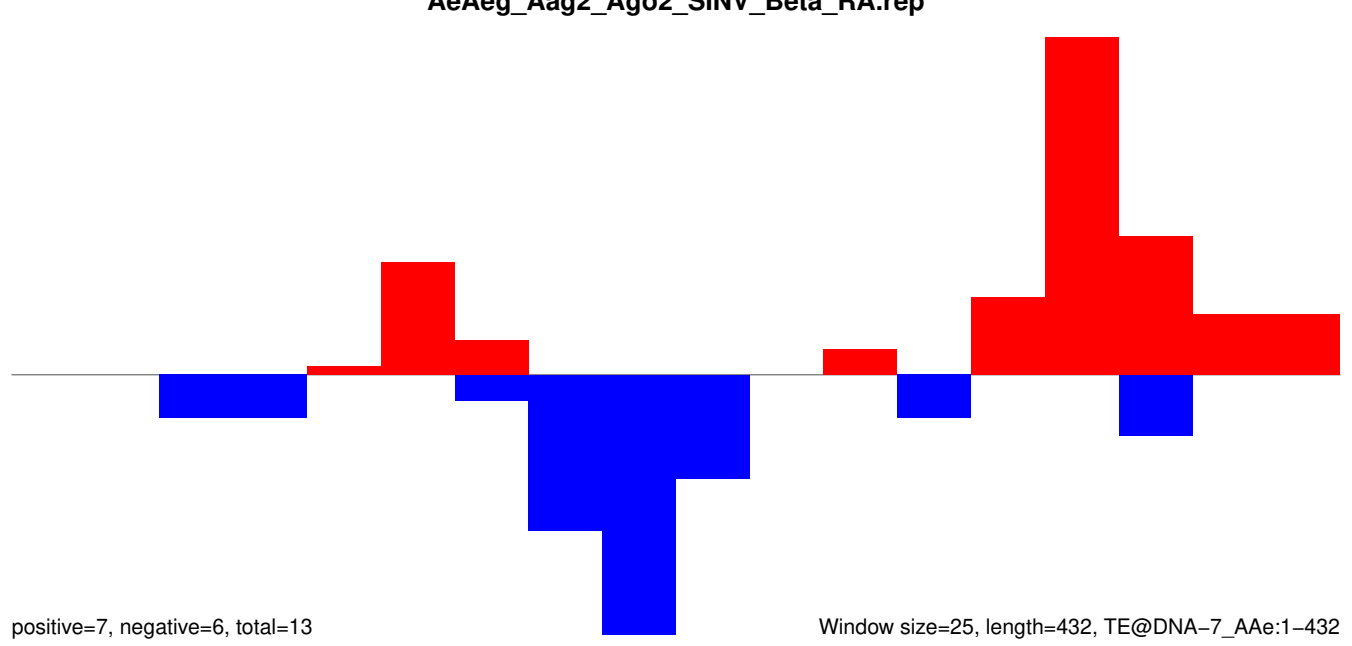
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



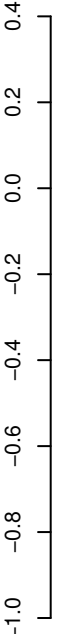
Window size=25, length=432, TE@DNA-7\_AAe:1-432

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



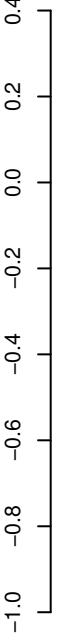
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



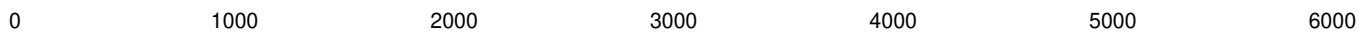
positive=1, negative=3, total=4

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



positive=1, negative=3, total=4

Window size=25, length=6036, TE@BEL-6\_AA-LTR-I:1-6036

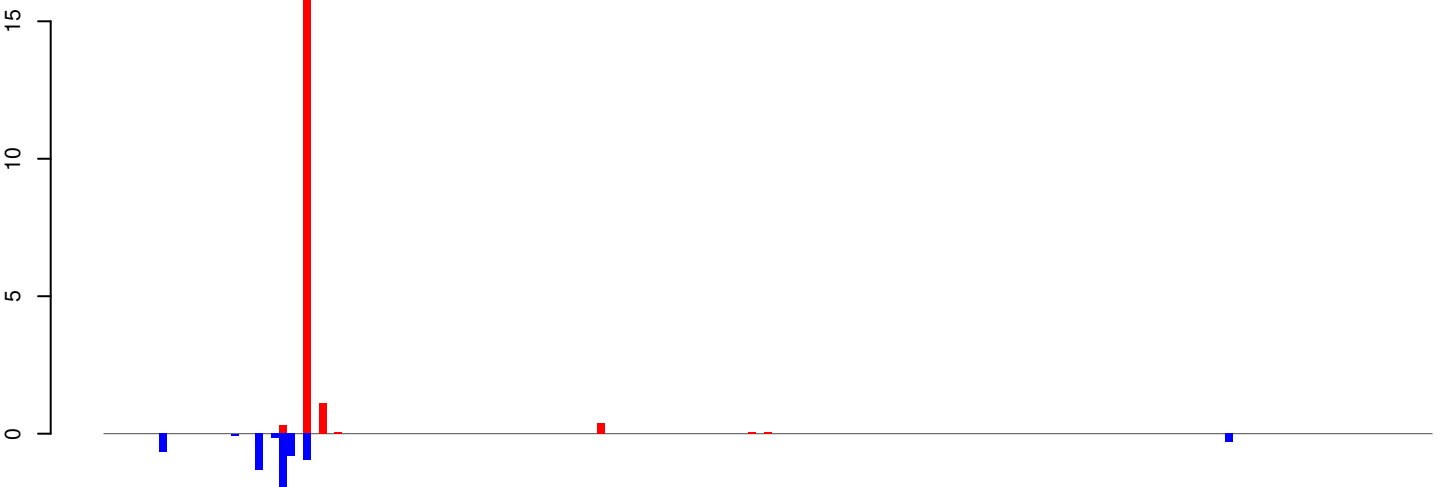


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



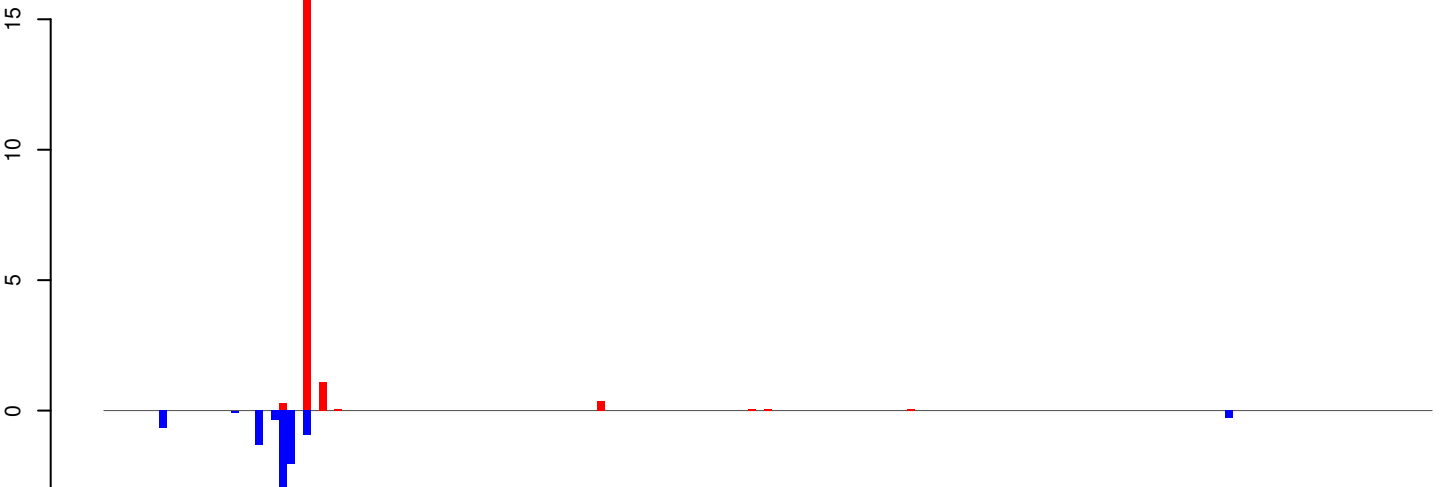
positive=1, negative=2, total=3

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=20, negative=8, total=28

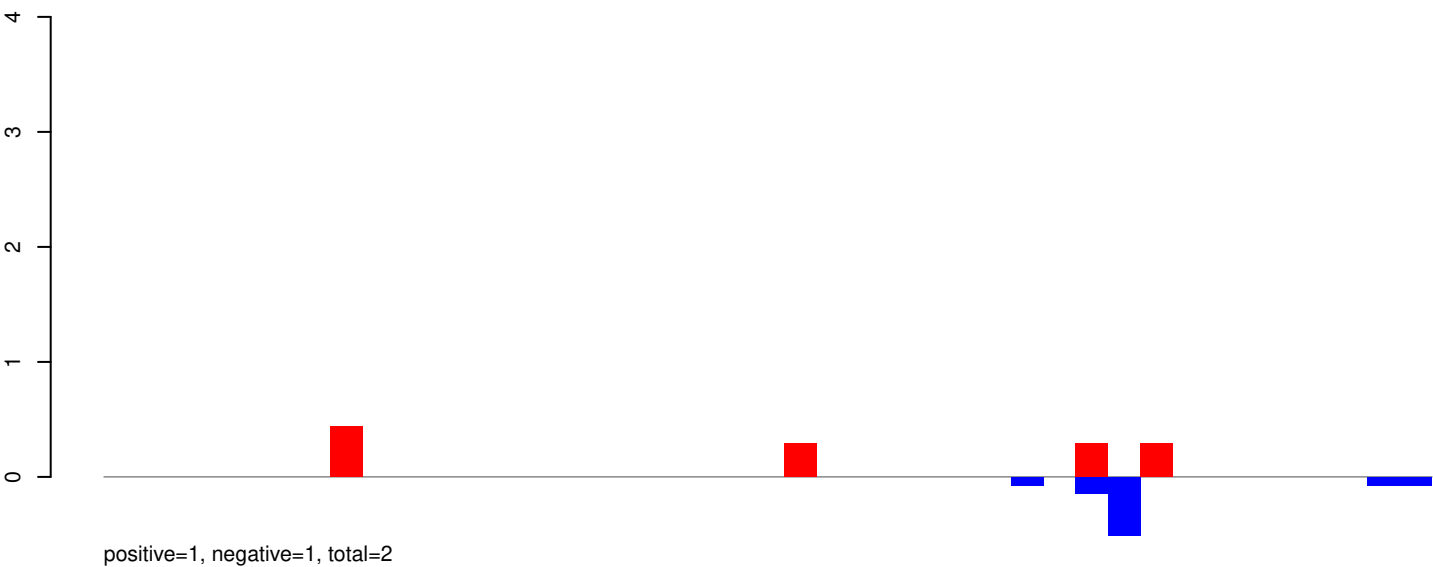
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



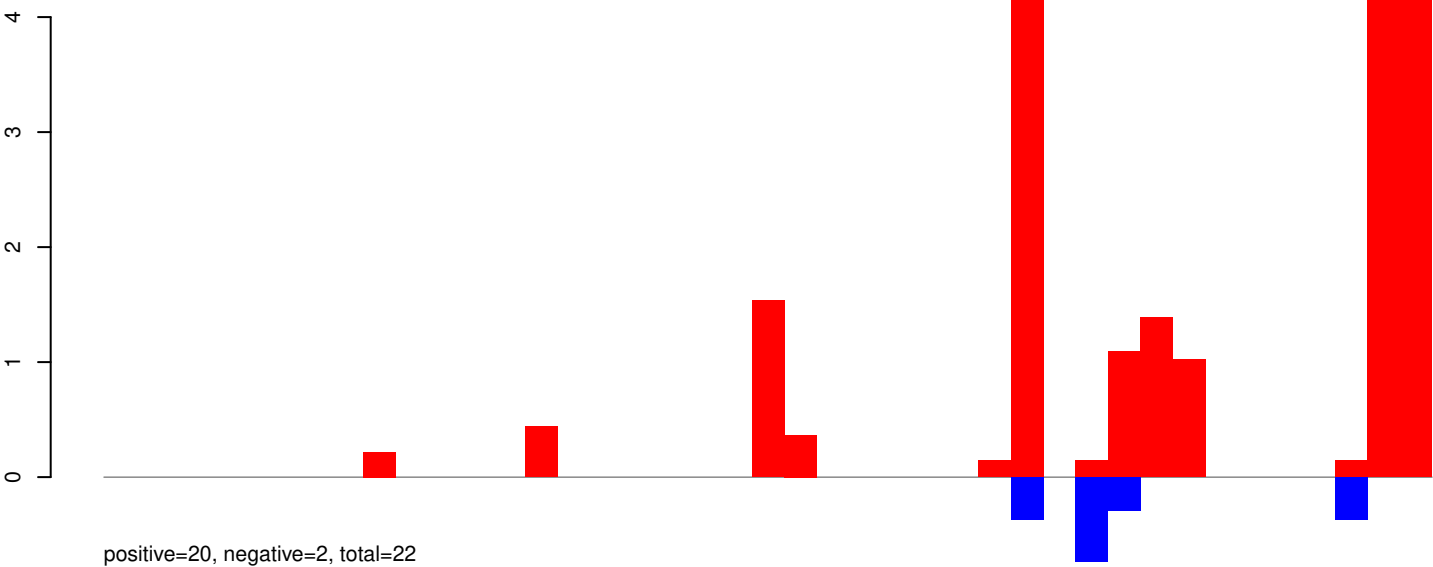
positive=21, negative=10, total=31

Window size=25, length=4154, TE@BEL-1N\_AA-LTR-I:1-4154

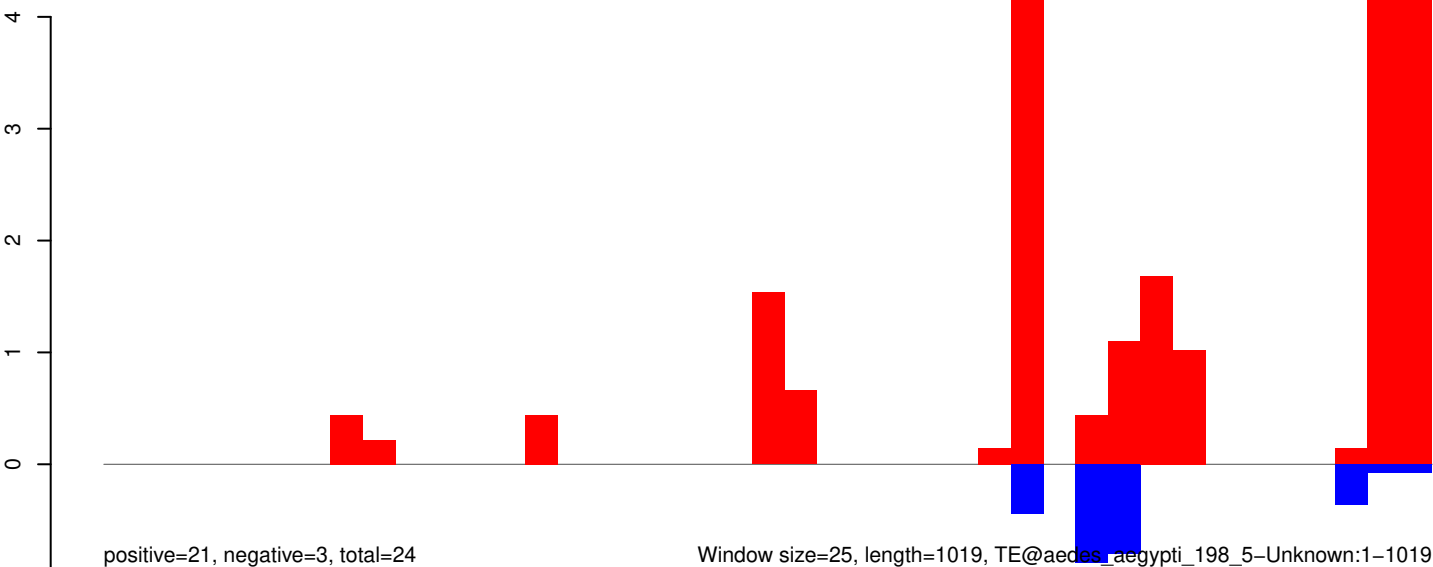
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

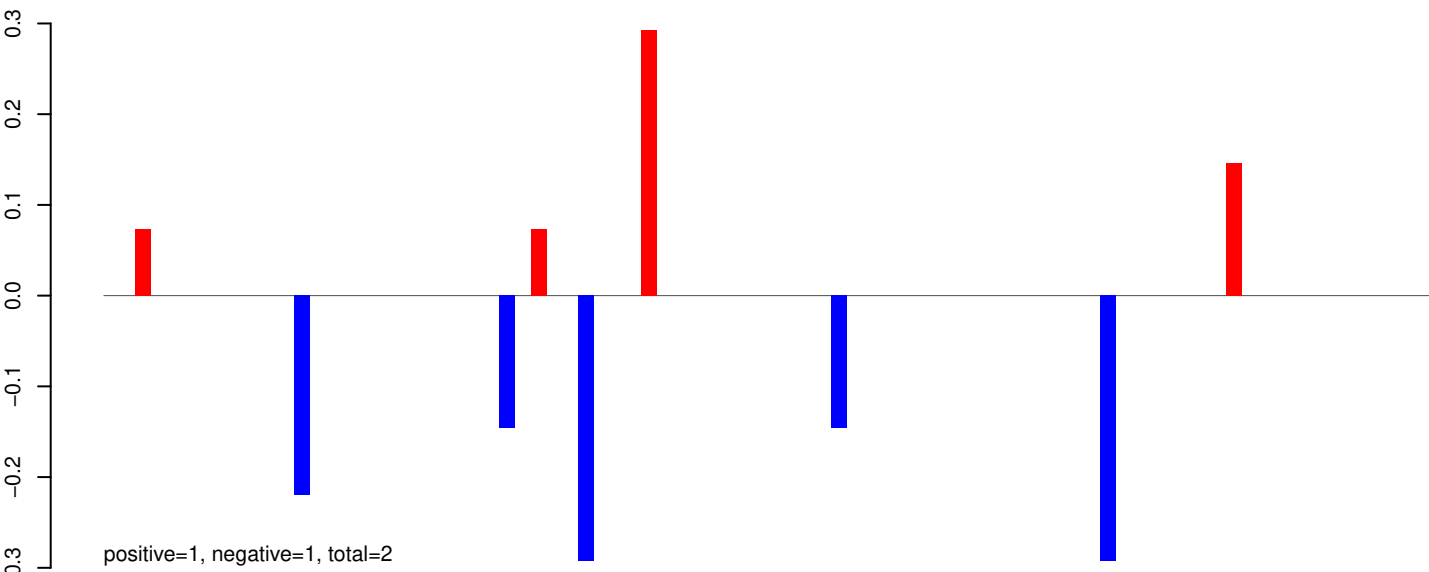


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

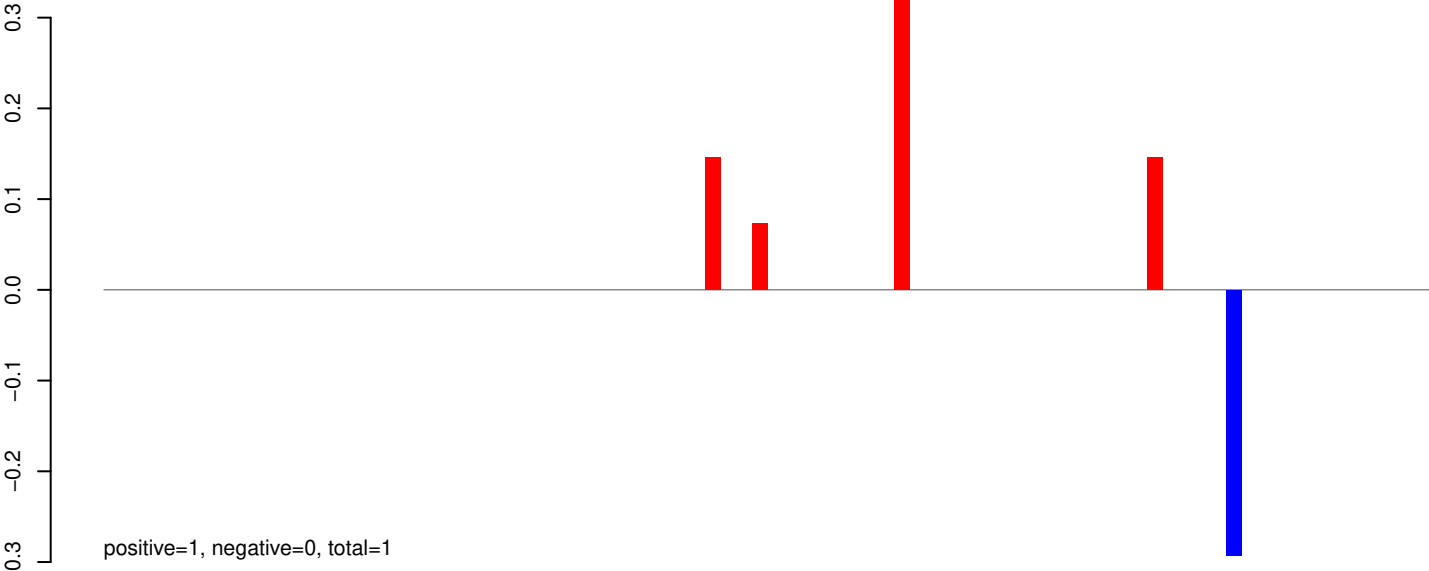


Window size=25, length=1019, TE@aedes\_aegypti\_198\_5-Unknown:1-1019

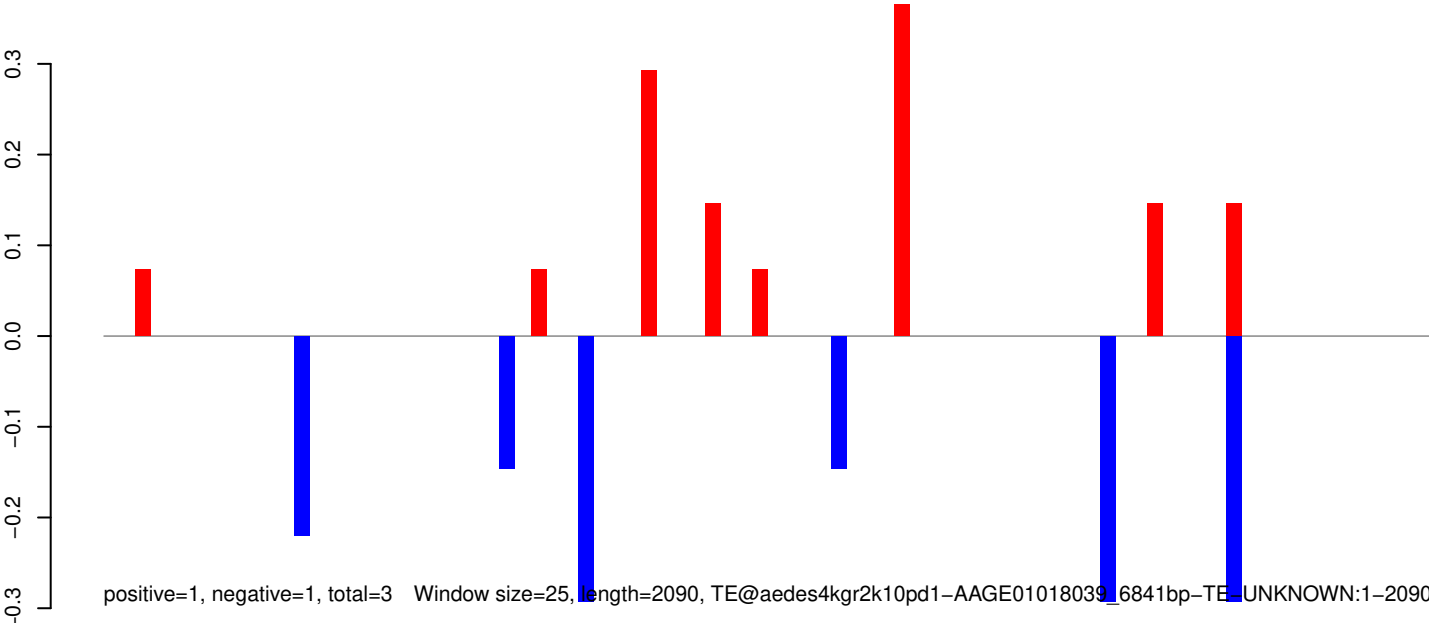
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



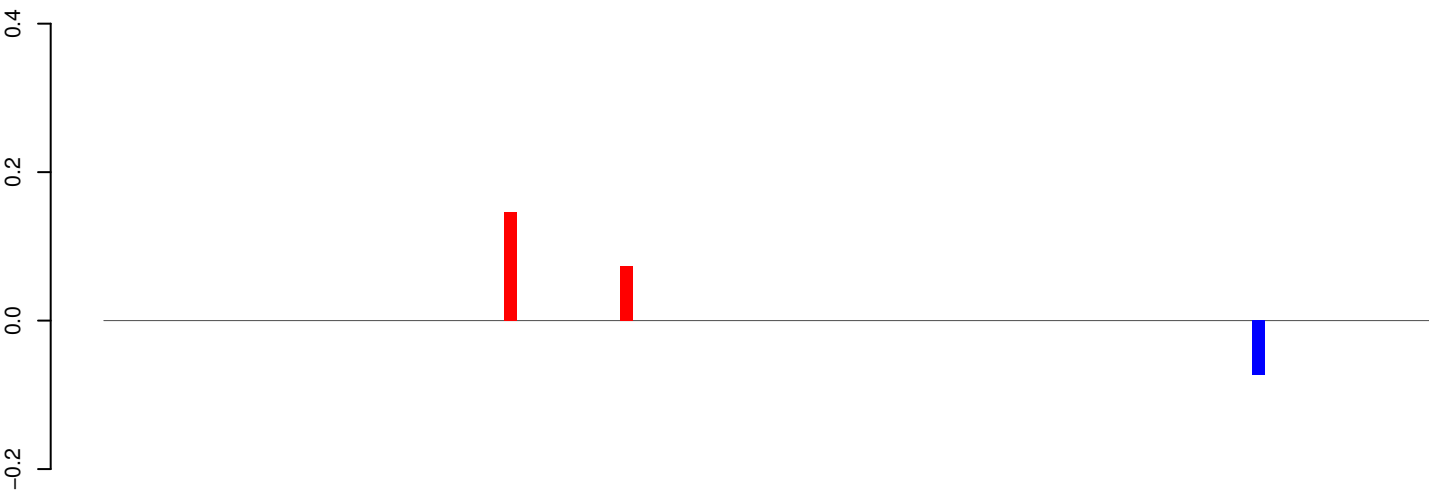
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

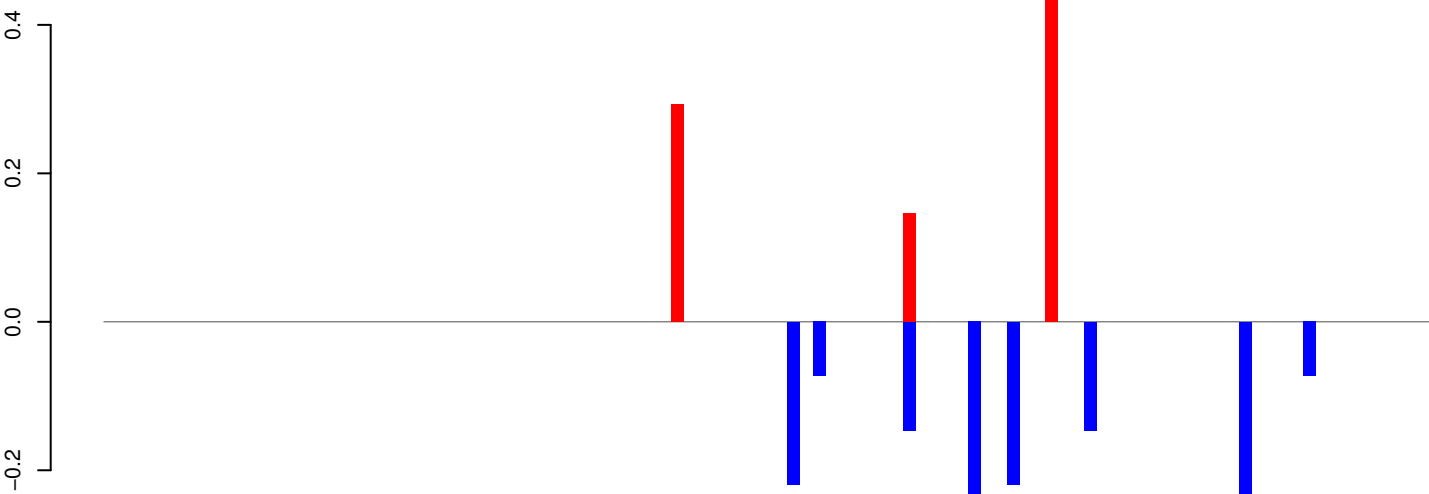


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



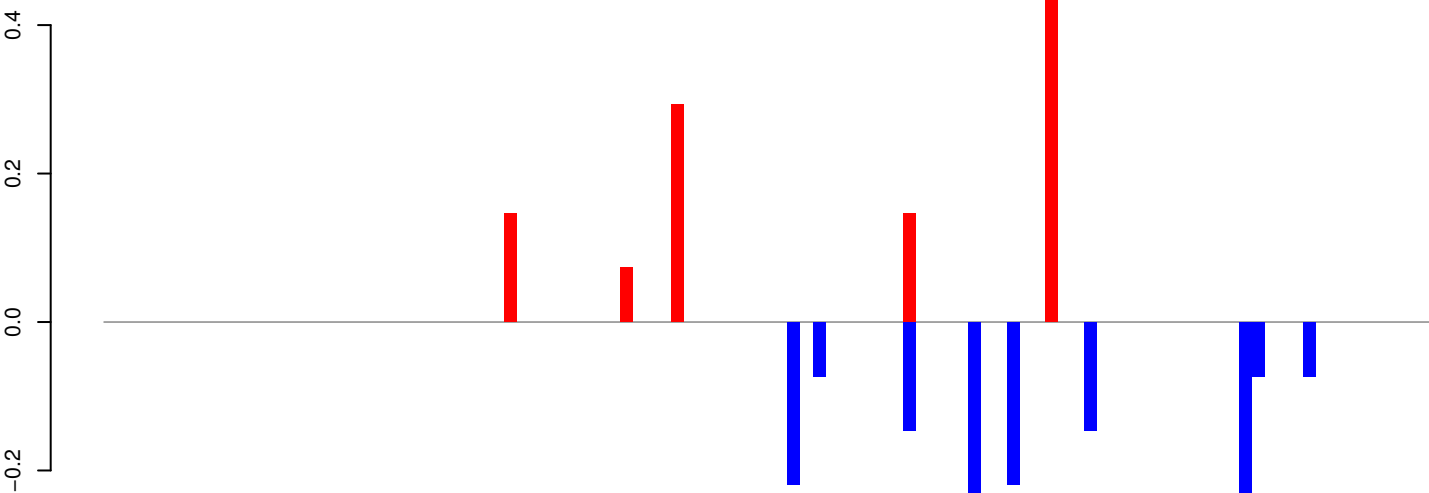
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=2, total=2

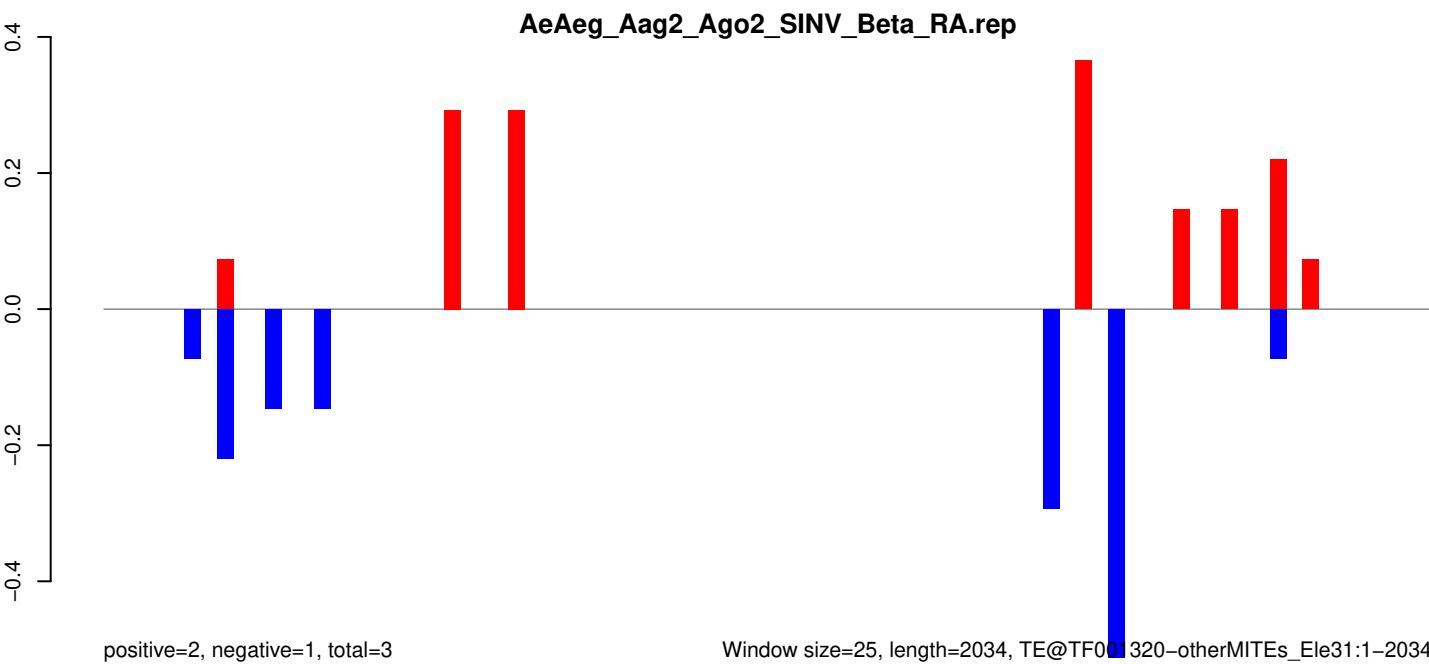
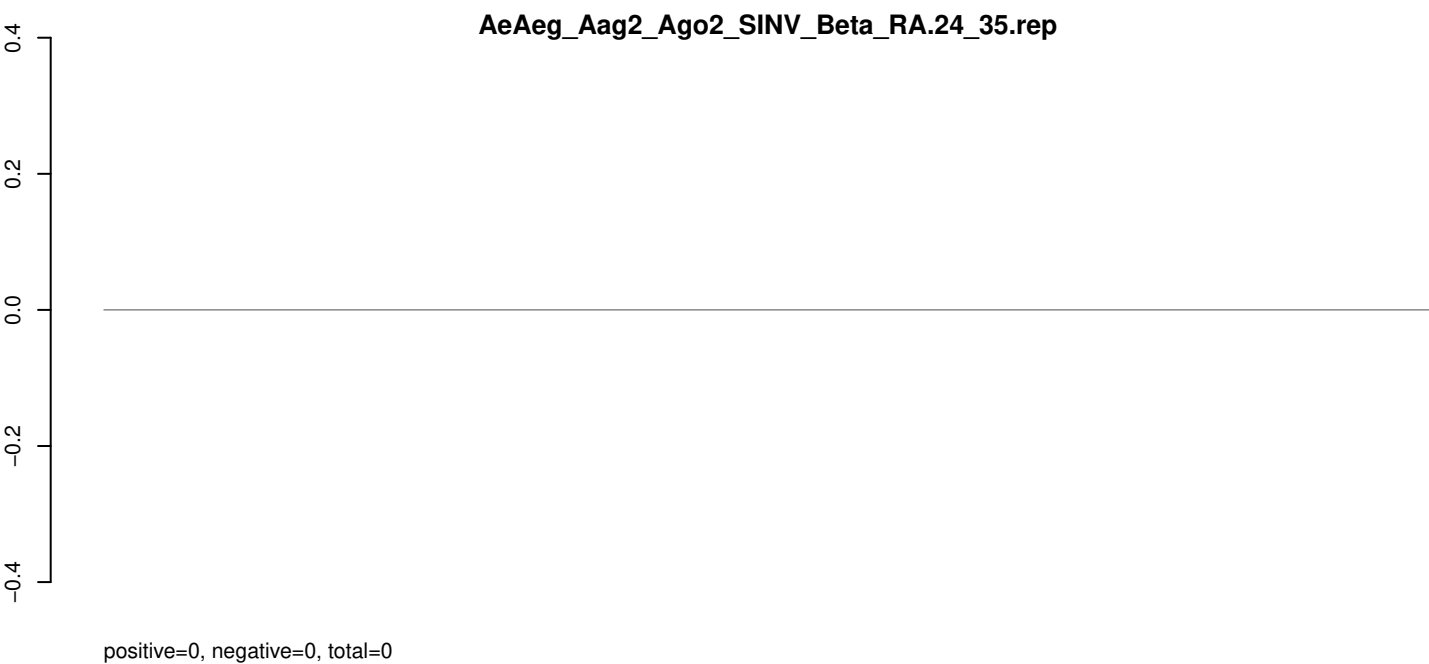
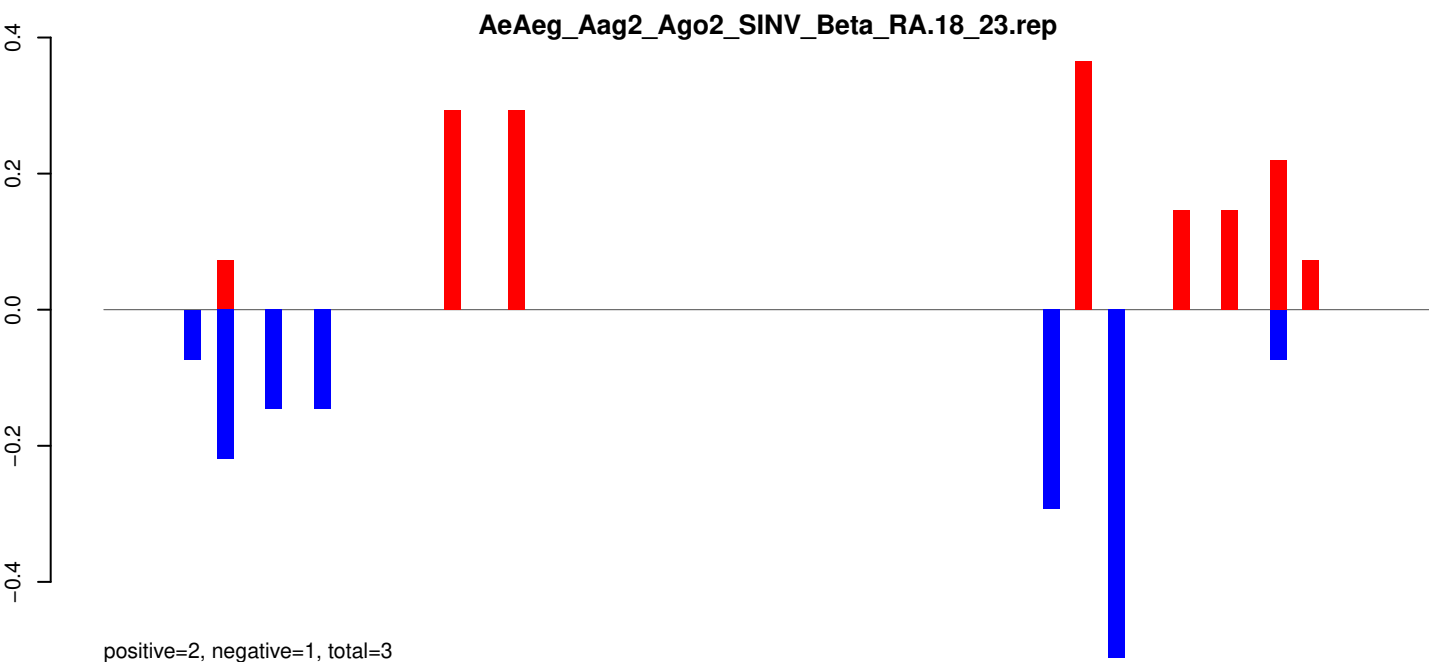
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



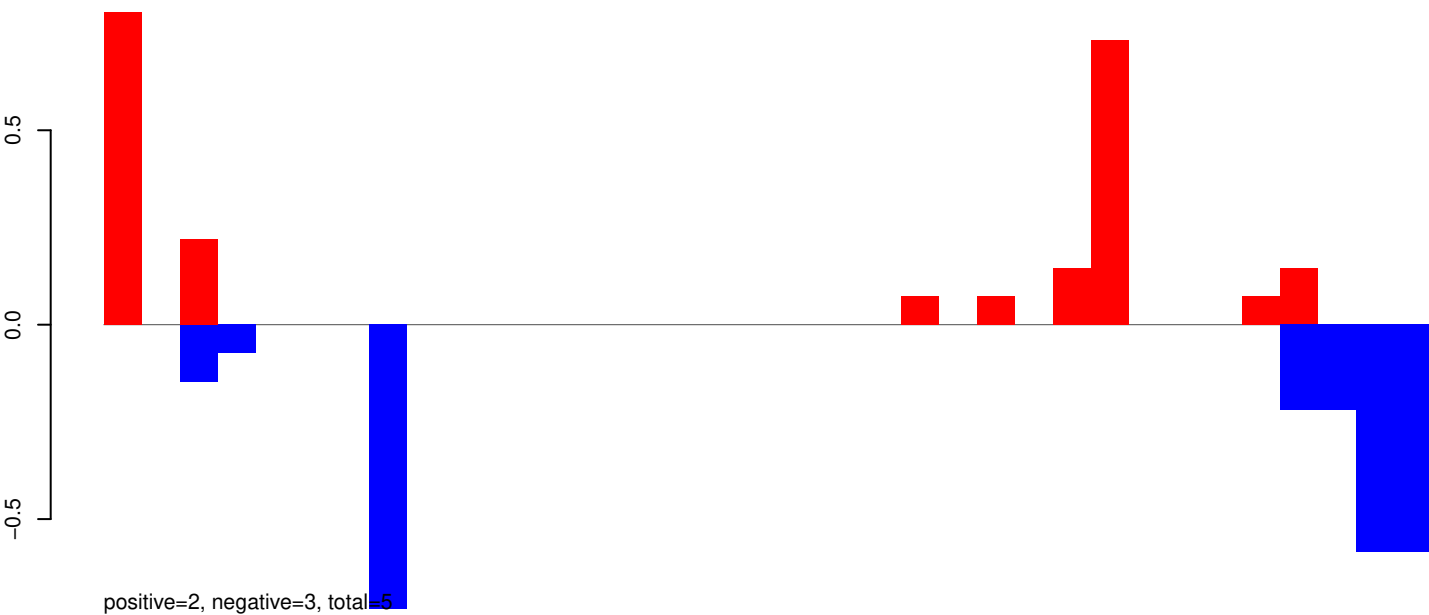
positive=1, negative=2, total=3 Window size=25, length=2570, TE@aedes4kgr2k10pd1-AAGE01016495\_7135bp-TE-UNKNOWN:1-2570

0 500 1000 1500 2000 2500

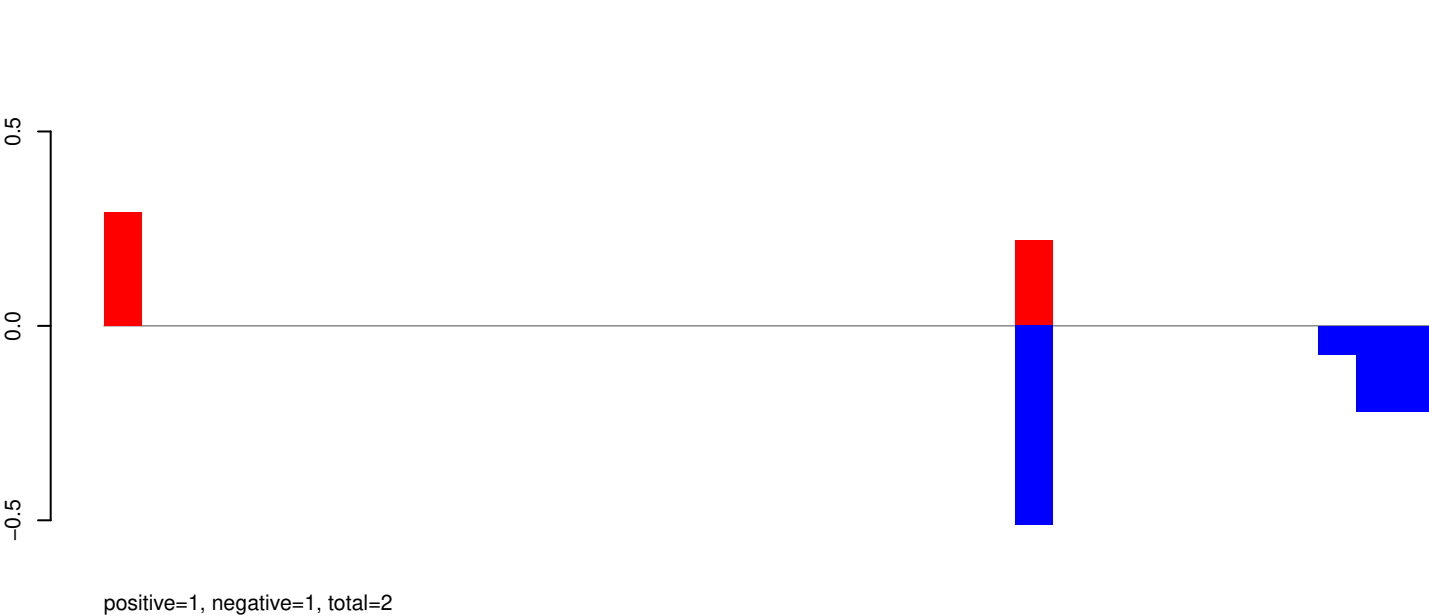




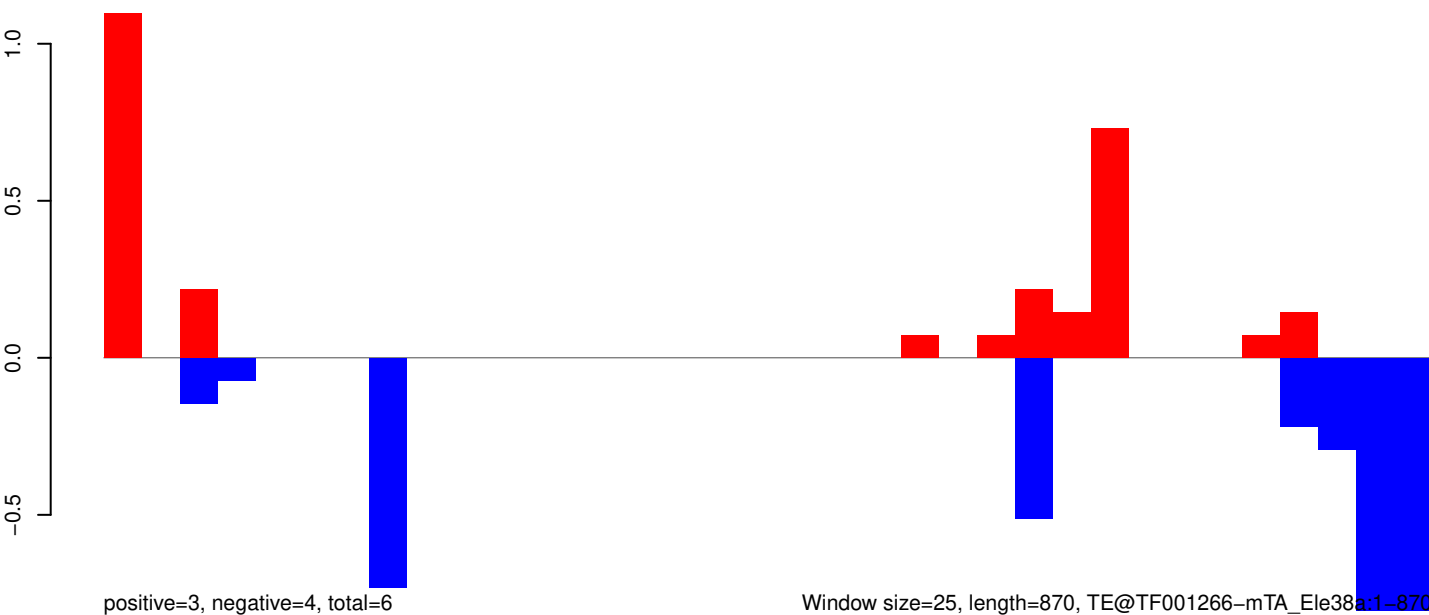
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



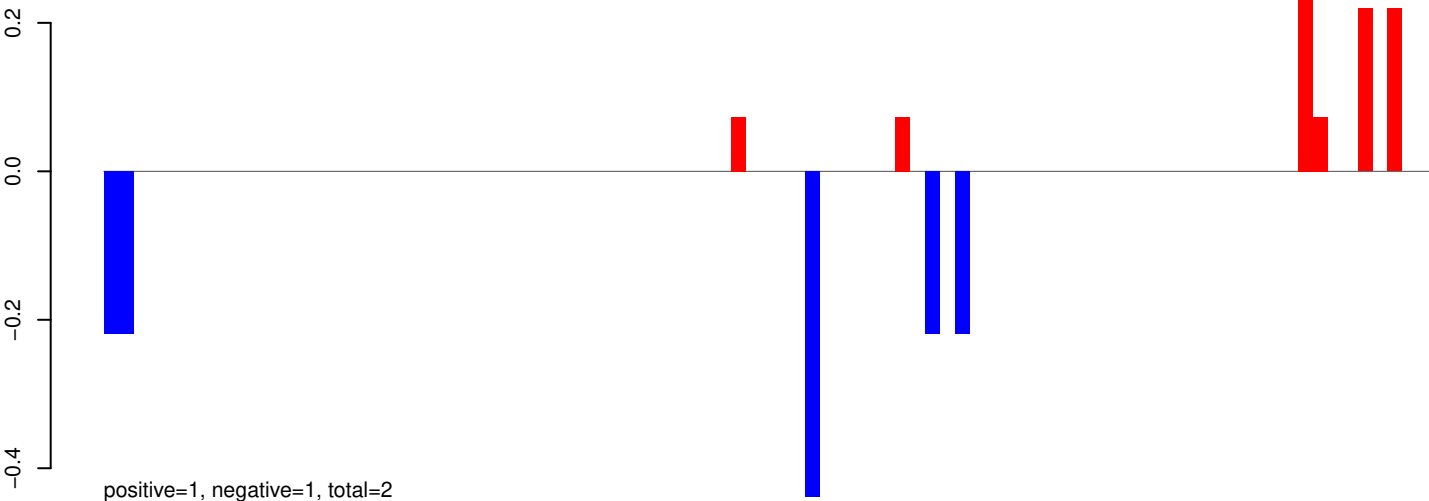
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



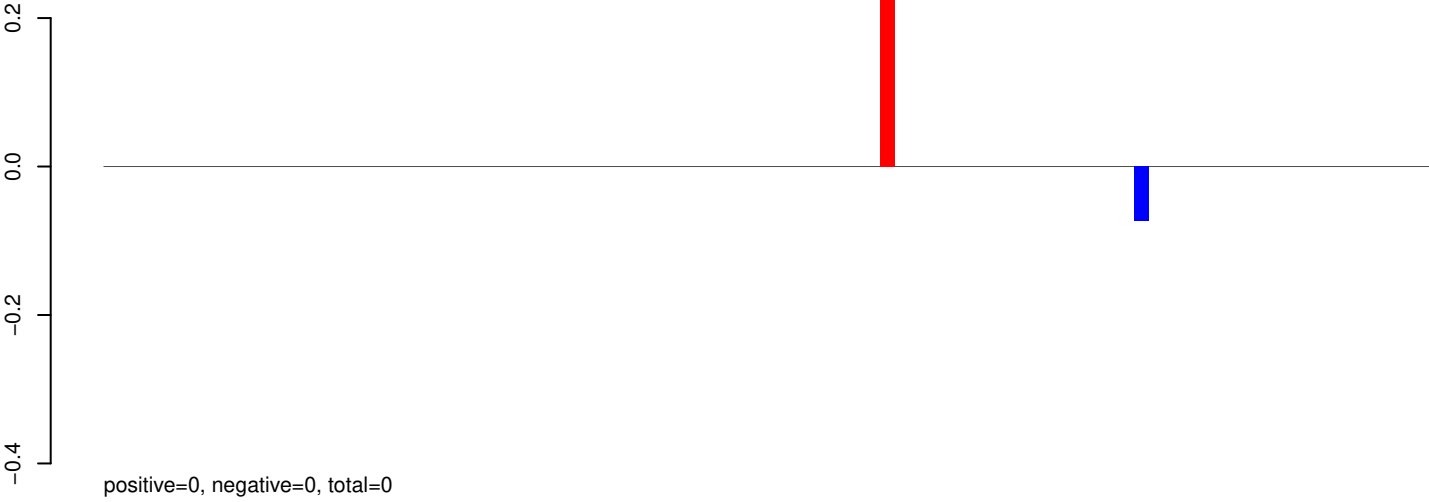
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



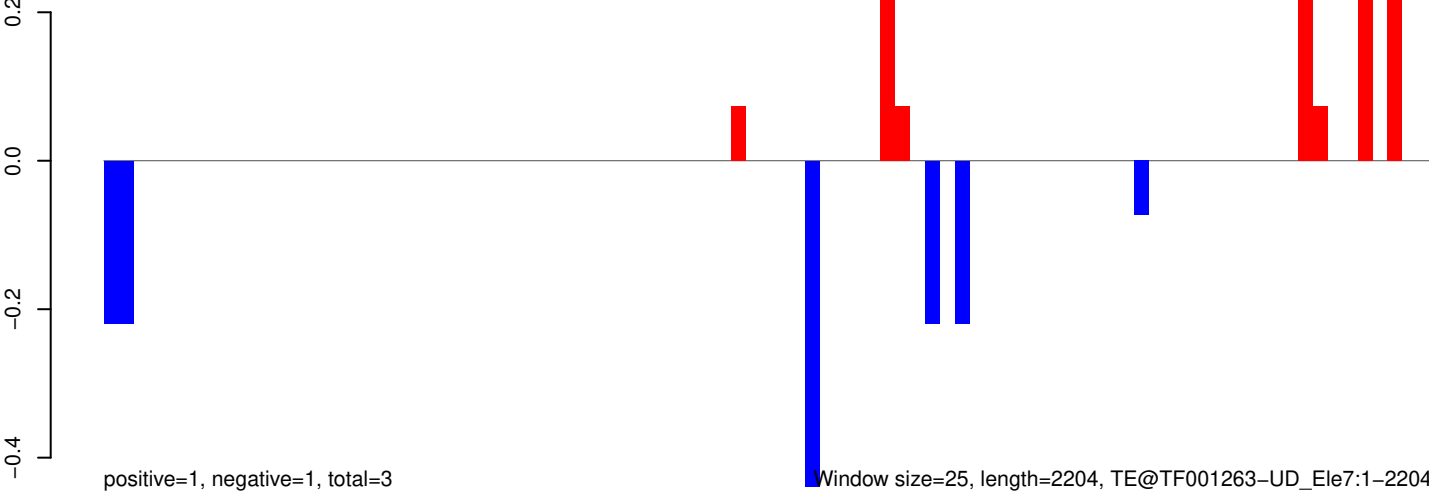
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

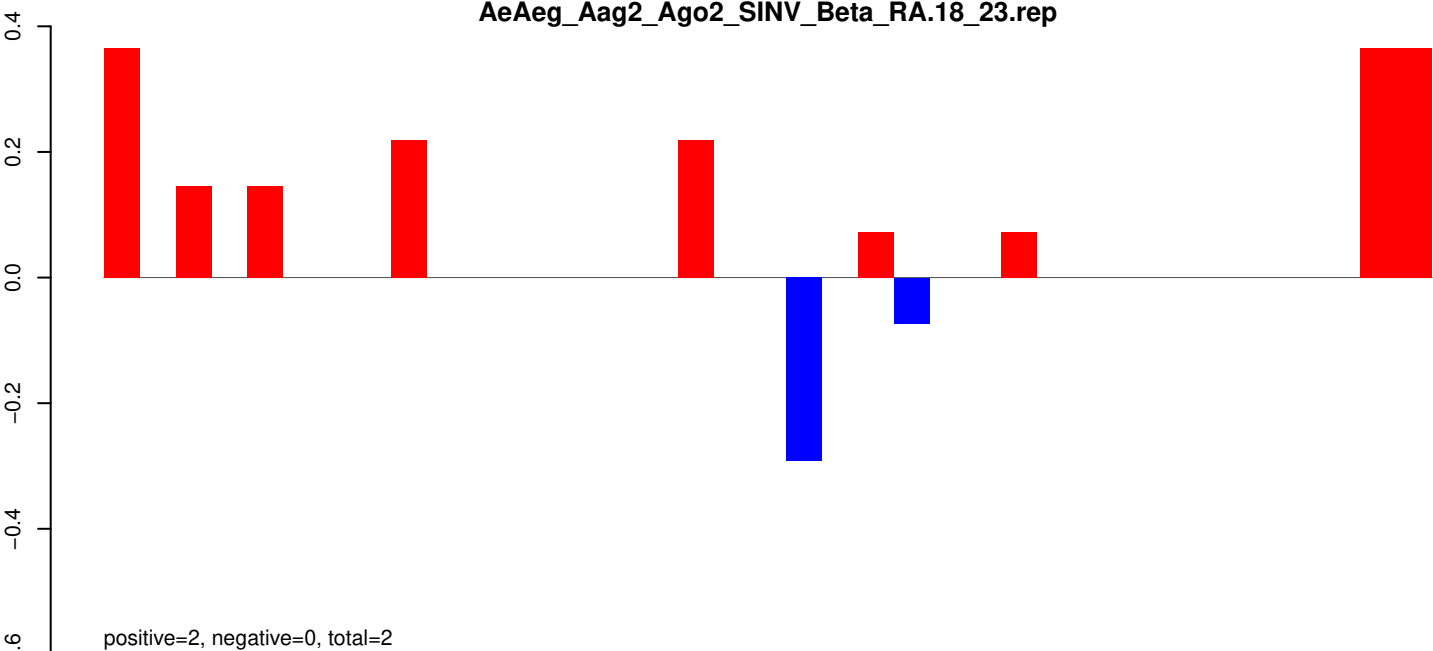


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

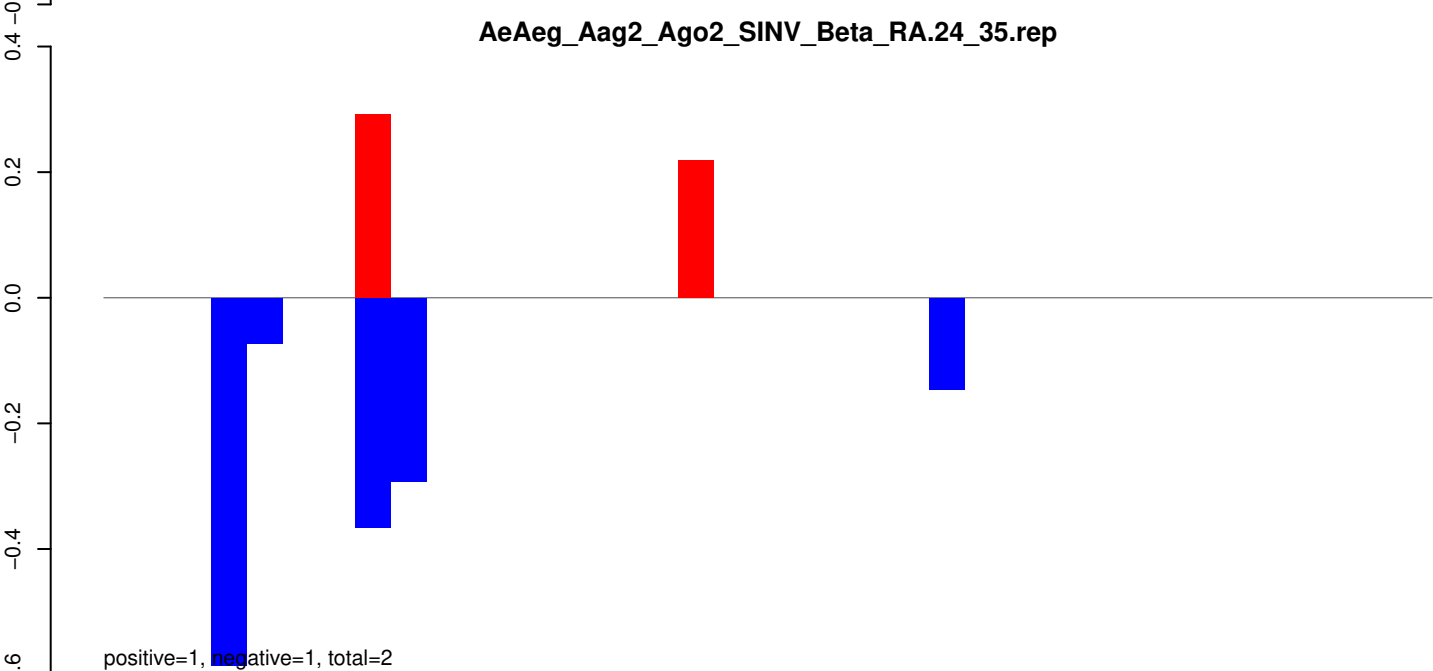


Window size=25, length=2204, TE@TF001263-UD\_Ele7:1-2204

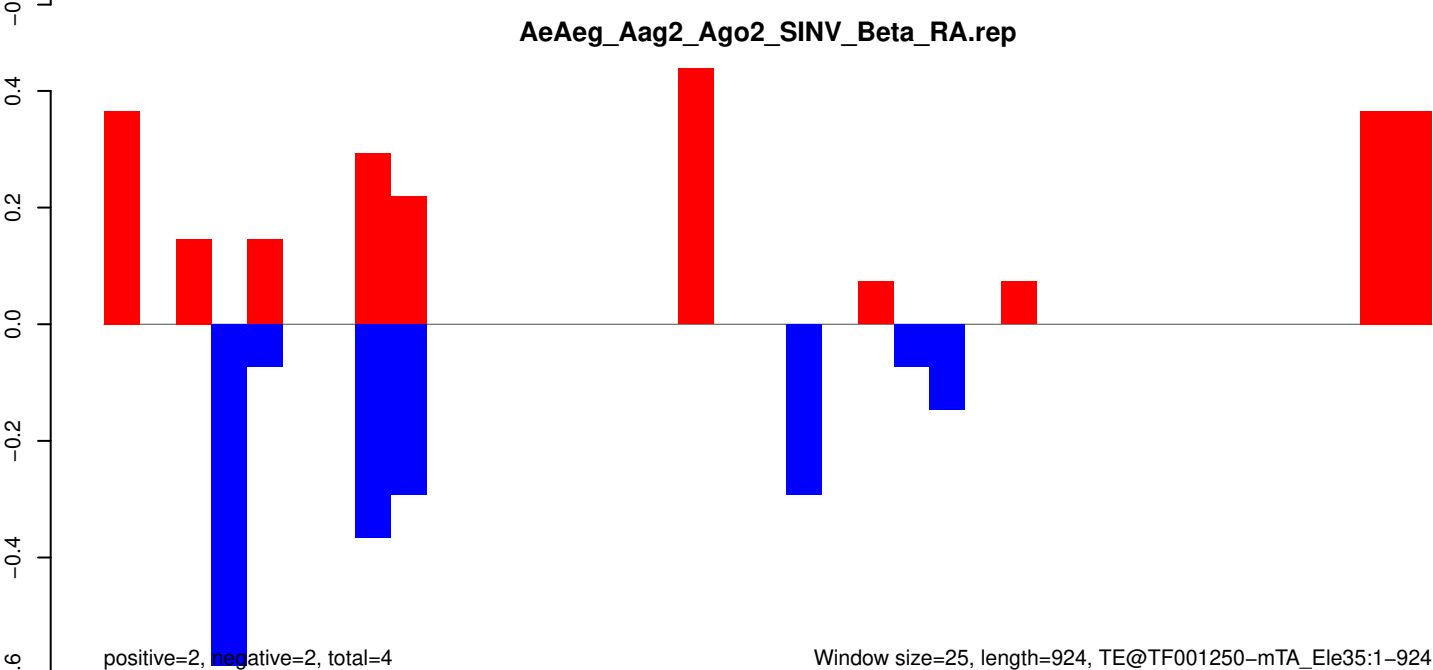
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

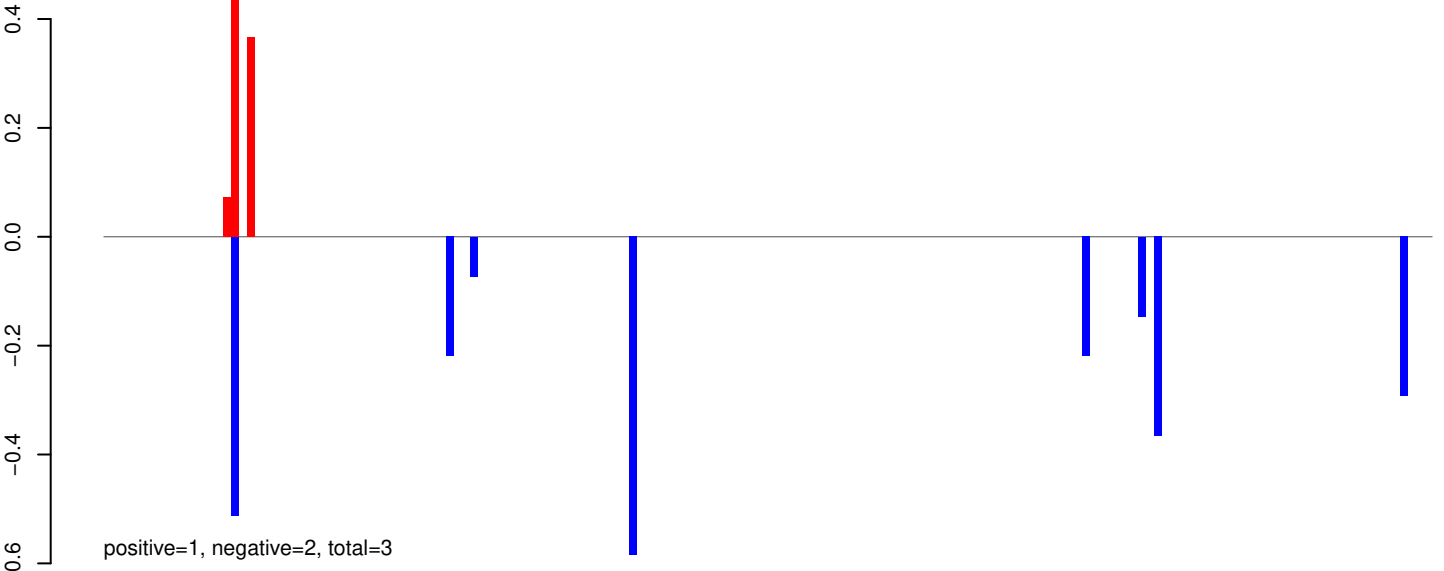


Window size=25, length=924, TE@TF001250-mTA\_Ele35:1-924

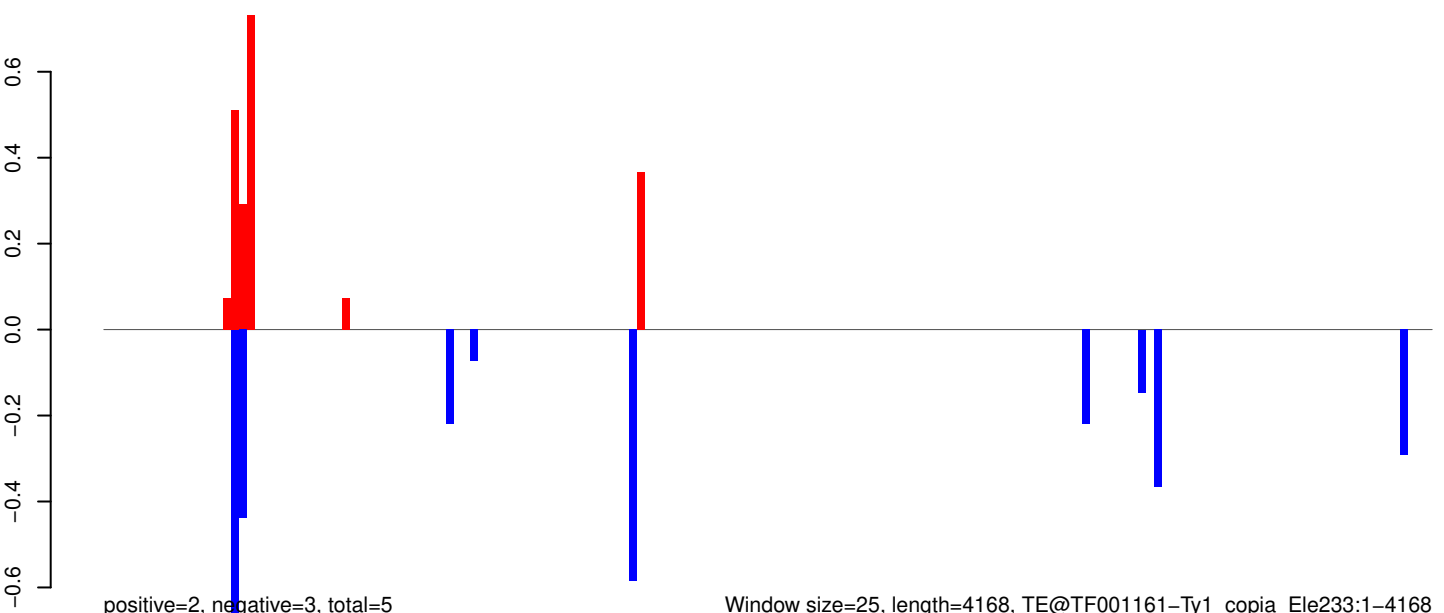
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



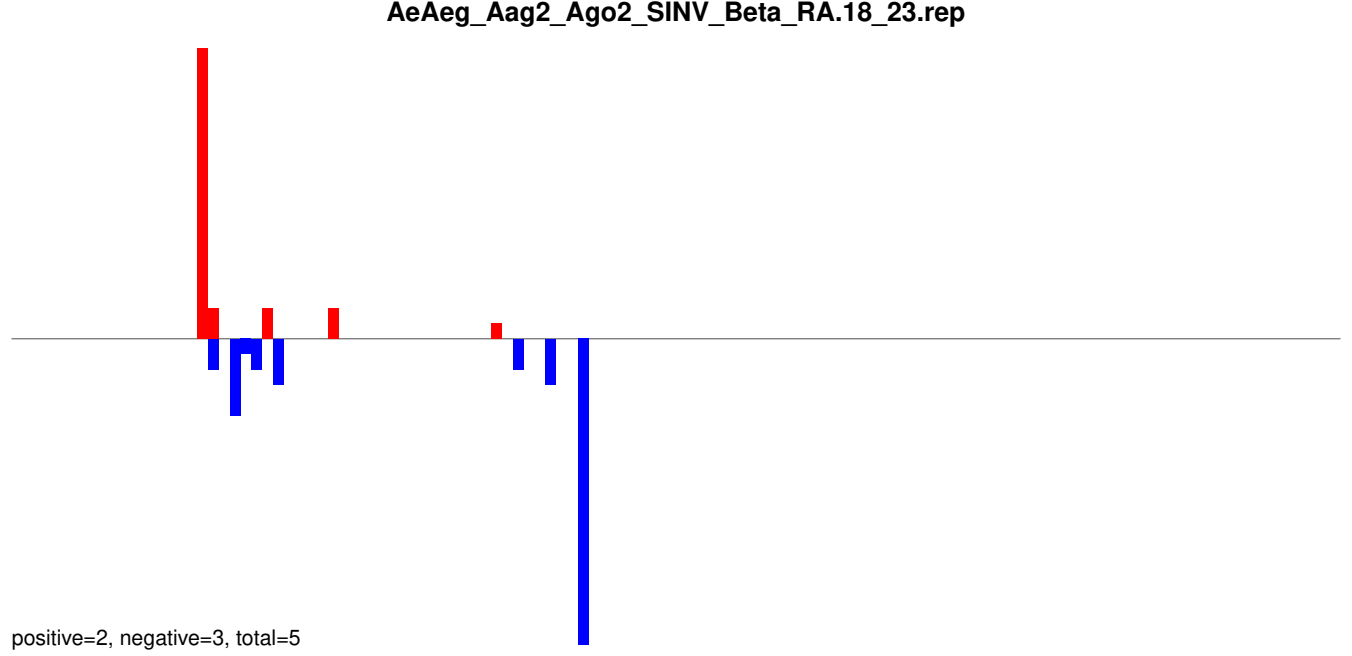
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



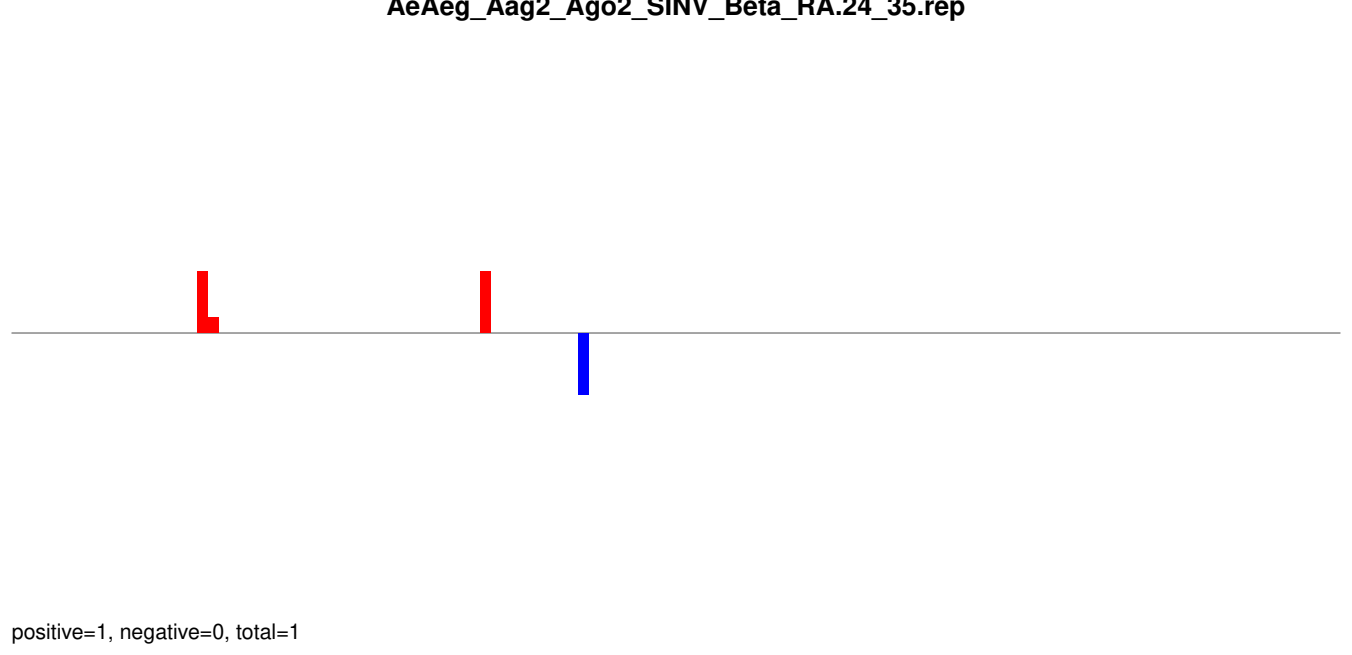
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



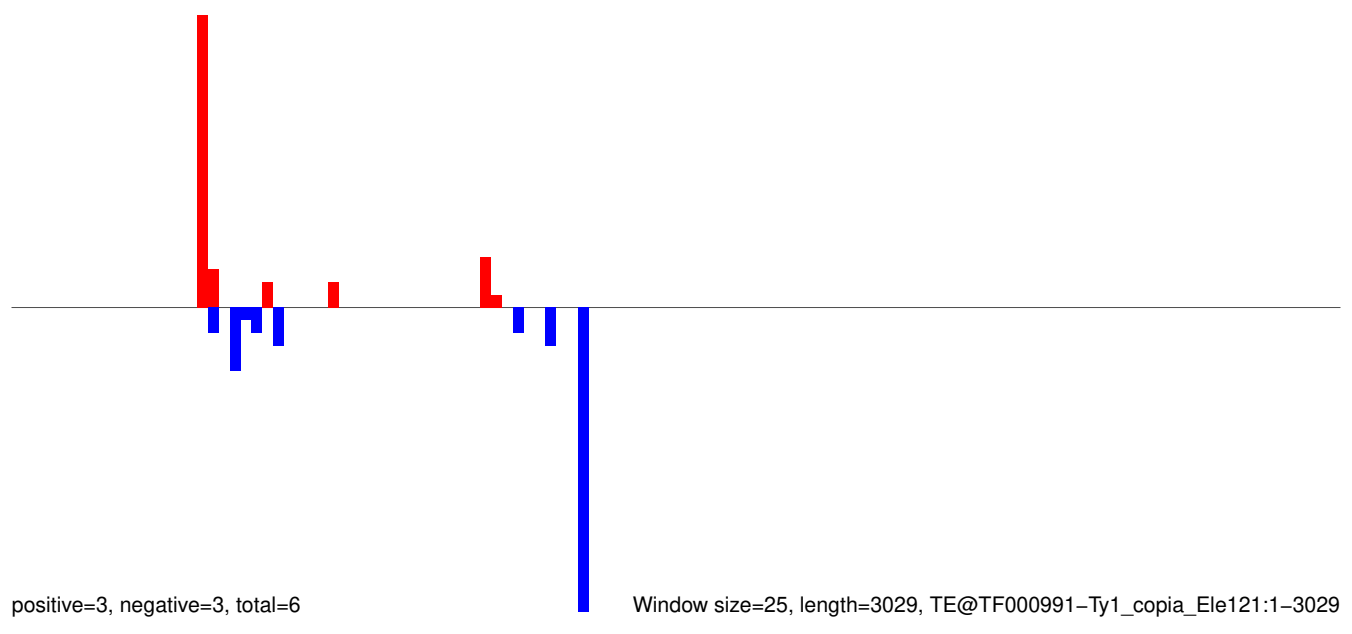
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

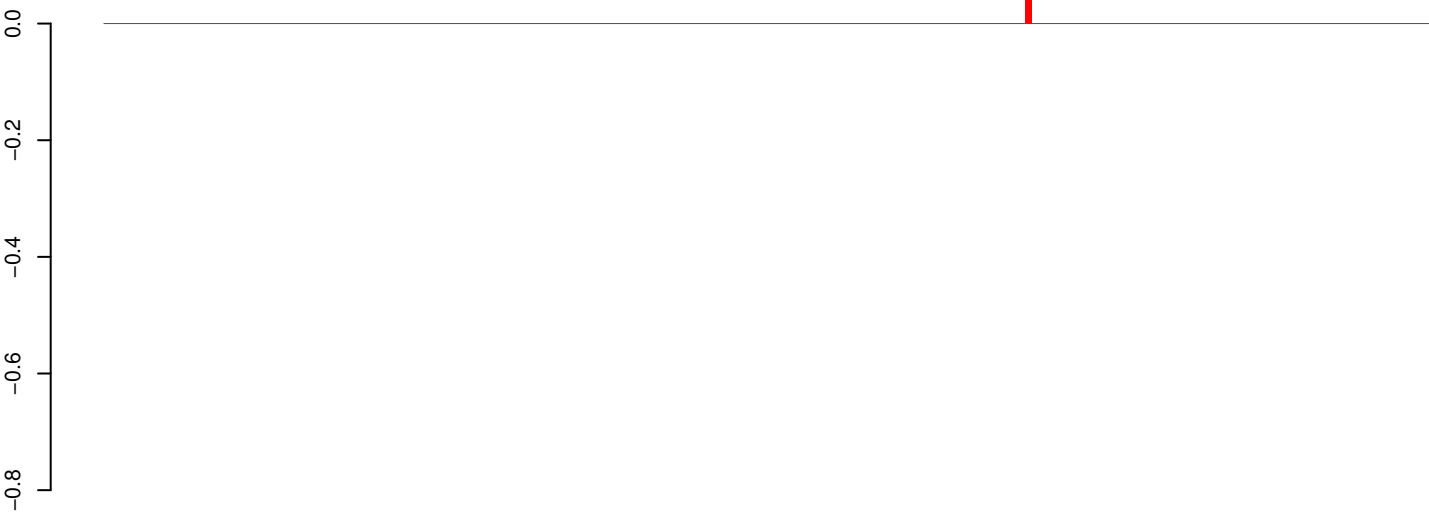


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



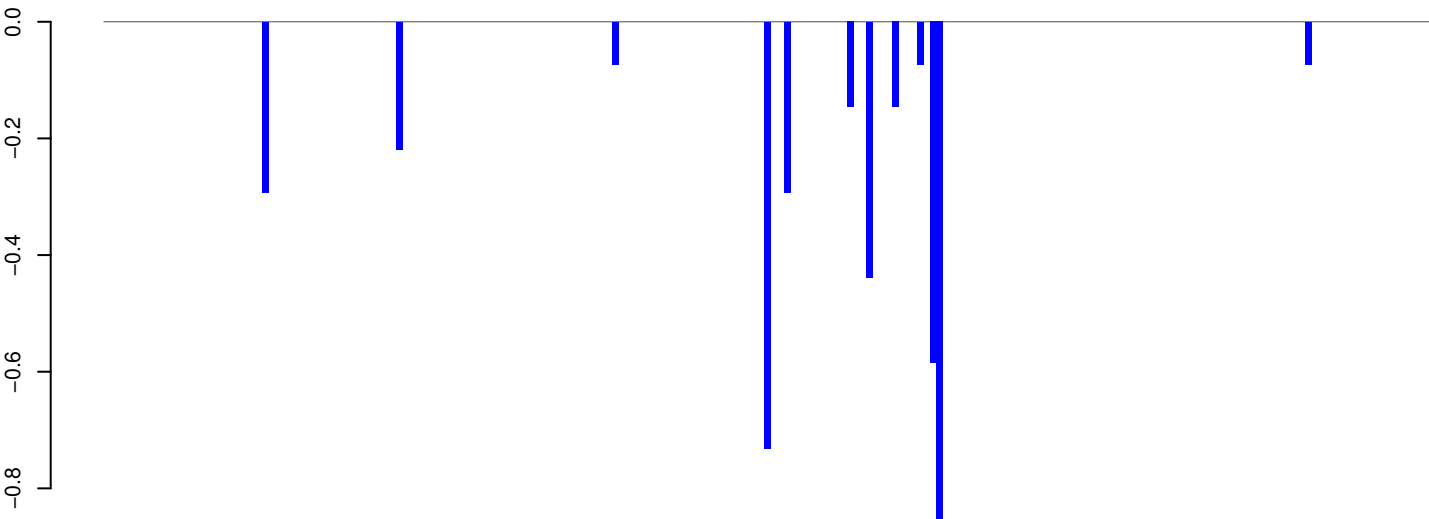
Window size=25, length=3029, TE@TF000991-Ty1\_copia\_Ele121:1-3029

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



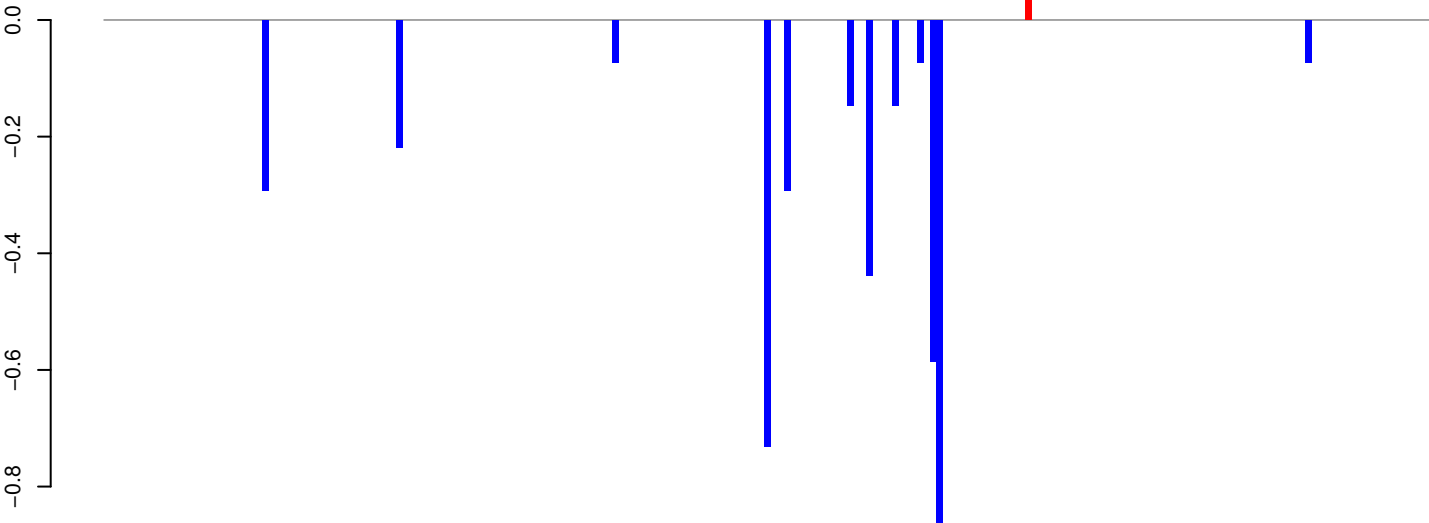
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



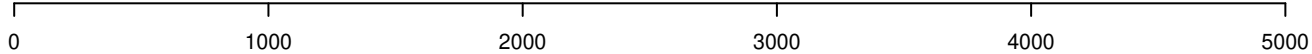
positive=0, negative=4, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

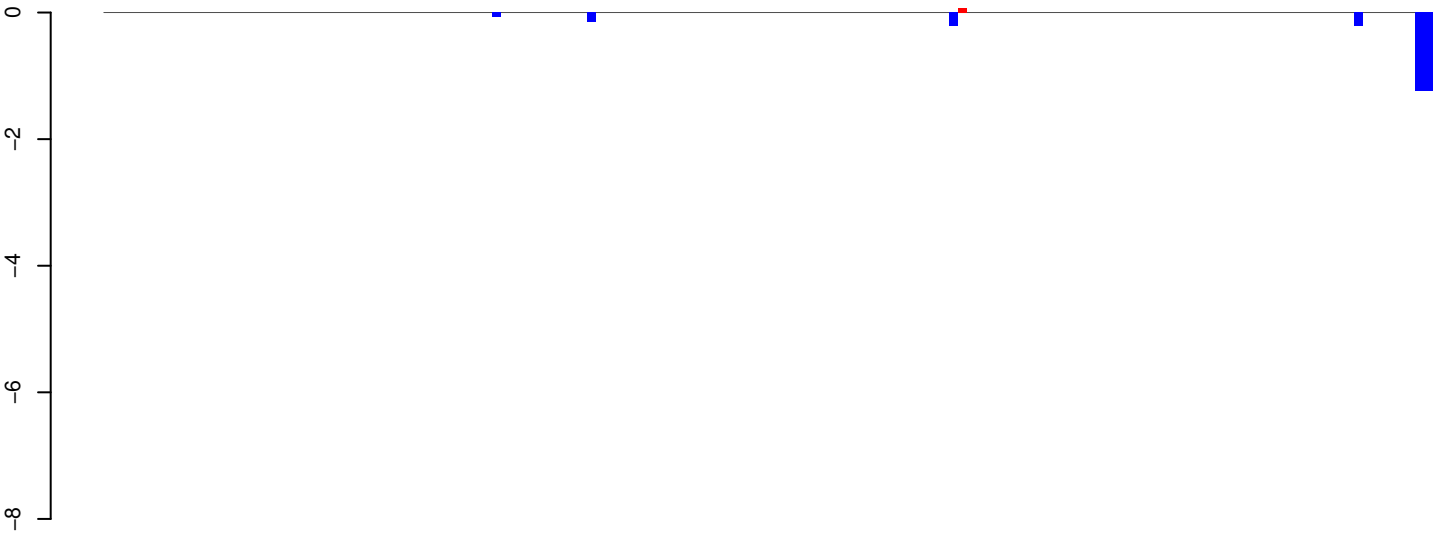


positive=0, negative=4, total=4

Window size=25, length=5208, TE@TF000764-Ty1\_copia\_Ele85:1-5208

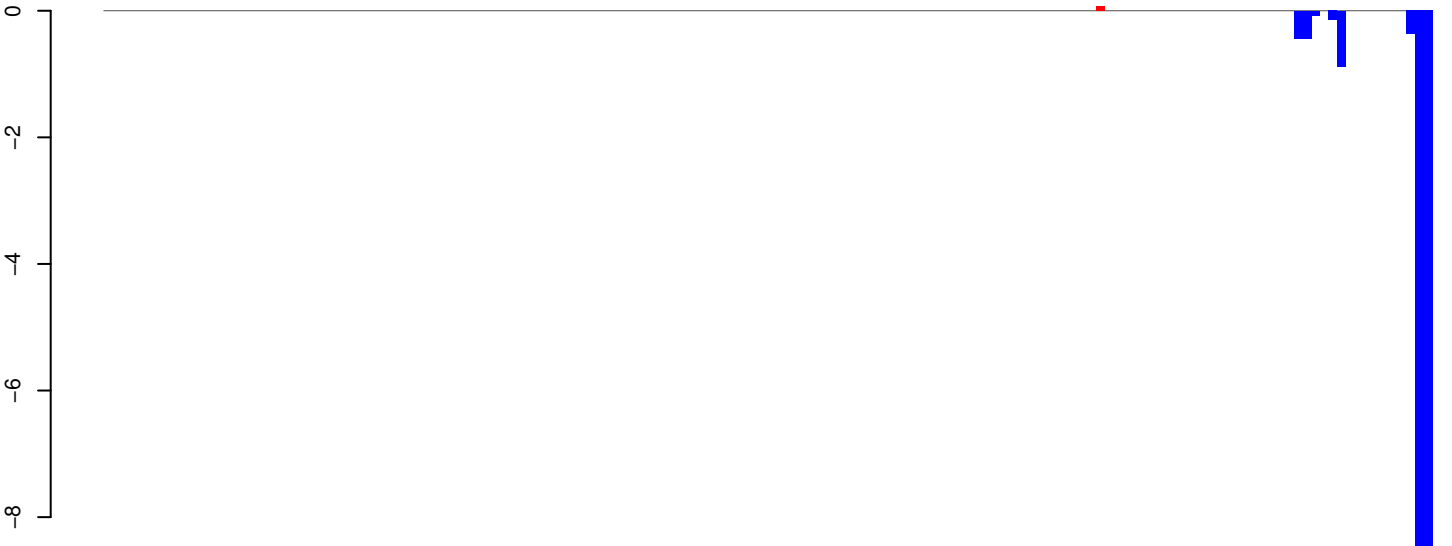


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



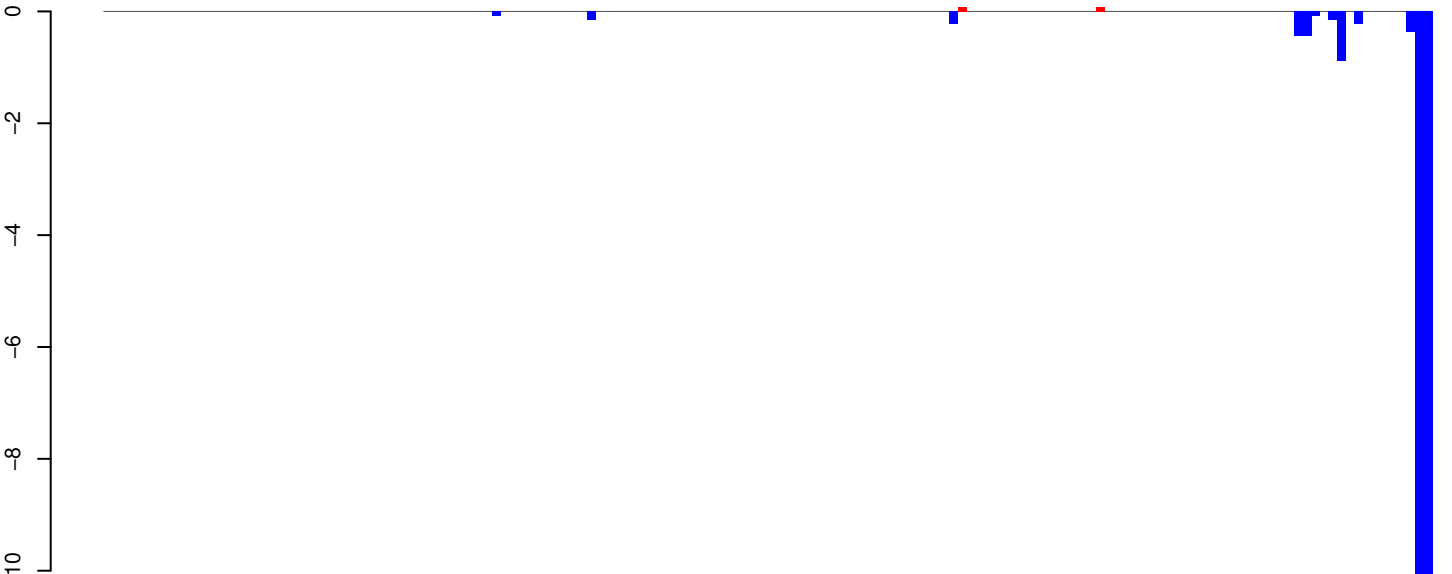
positive=0, negative=3, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=21, total=21

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

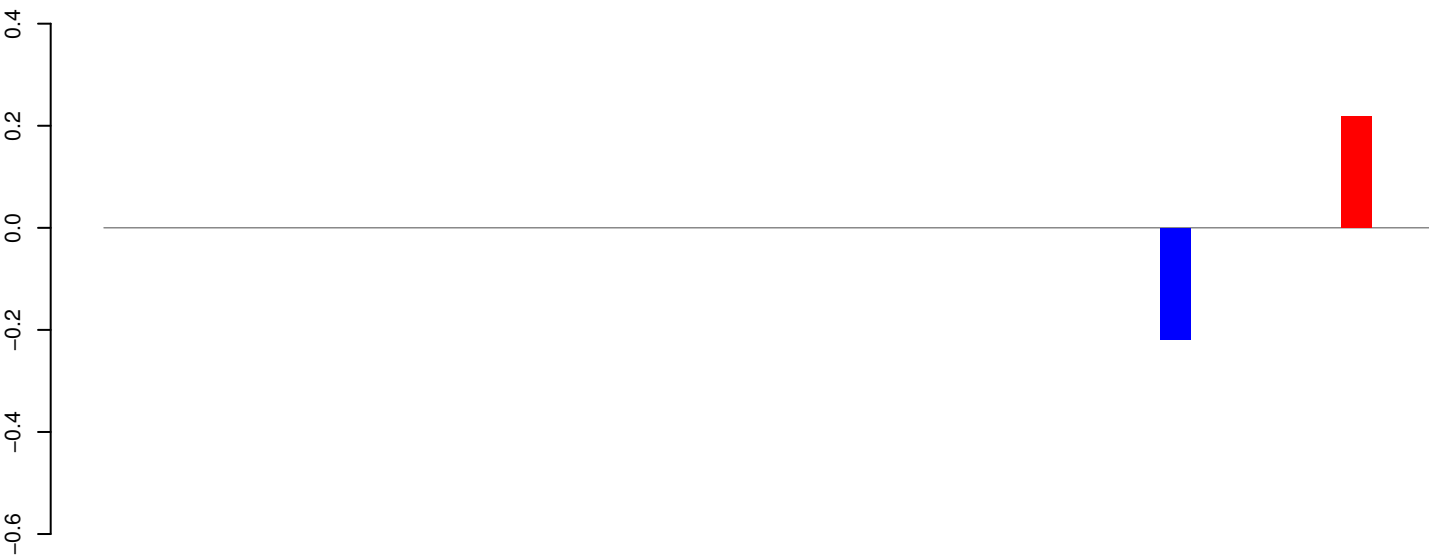


positive=0, negative=24, total=24

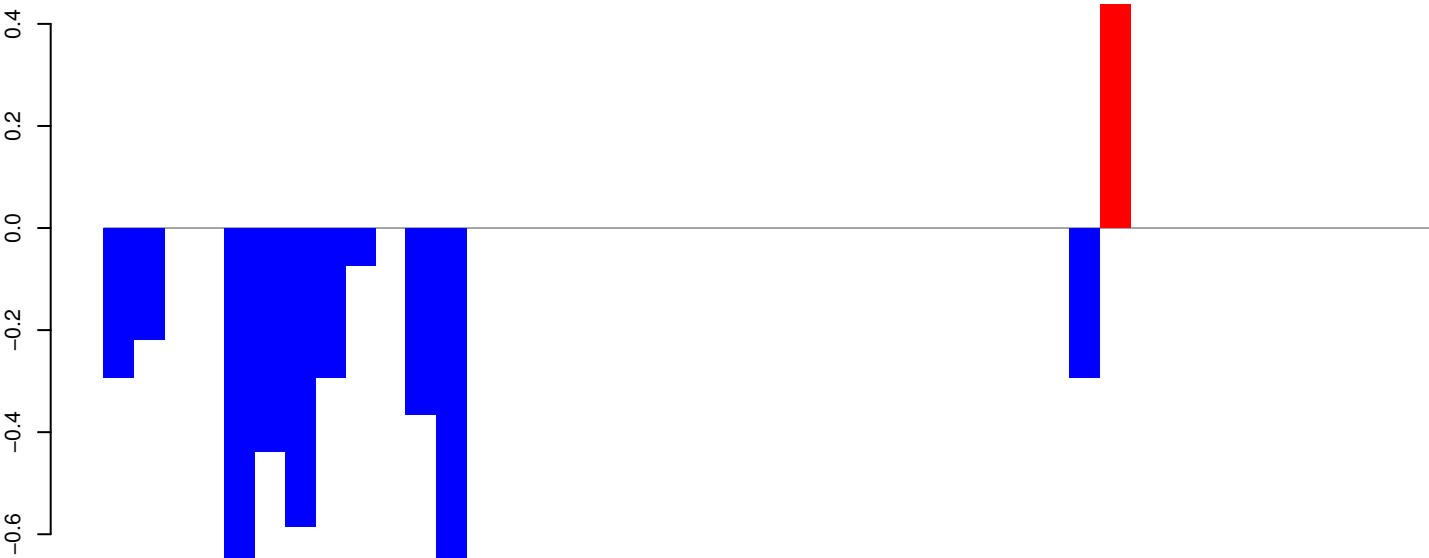
Window size=25, length=3845, TE@TF000177-I\_Ele12:1-3845



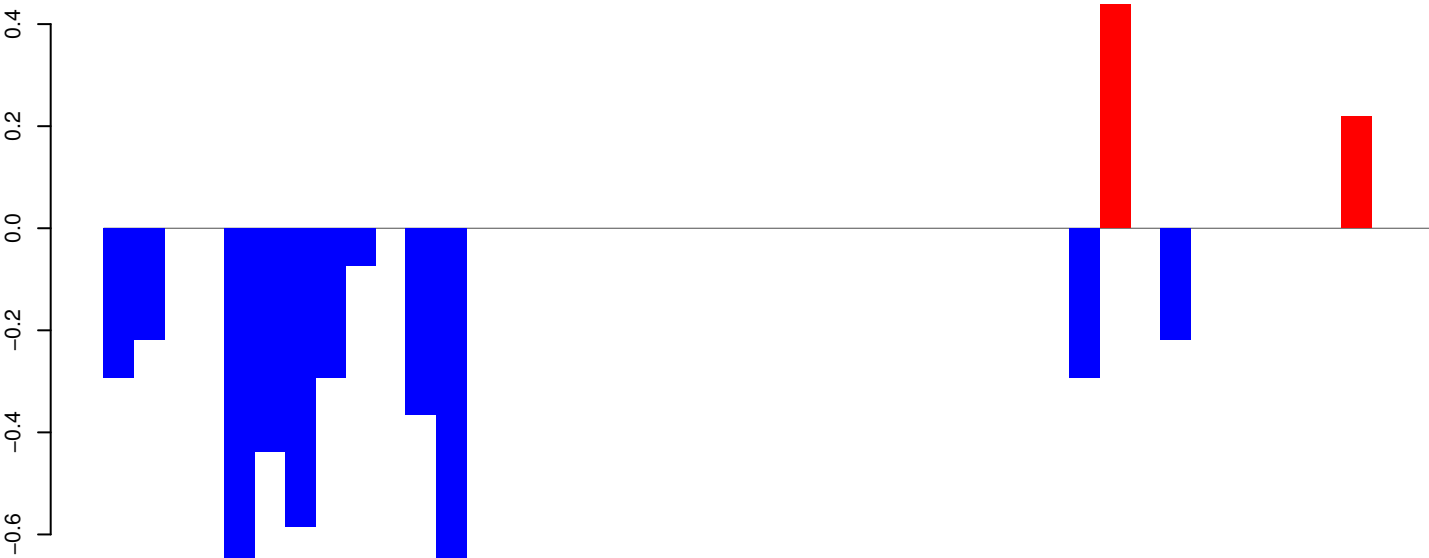
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

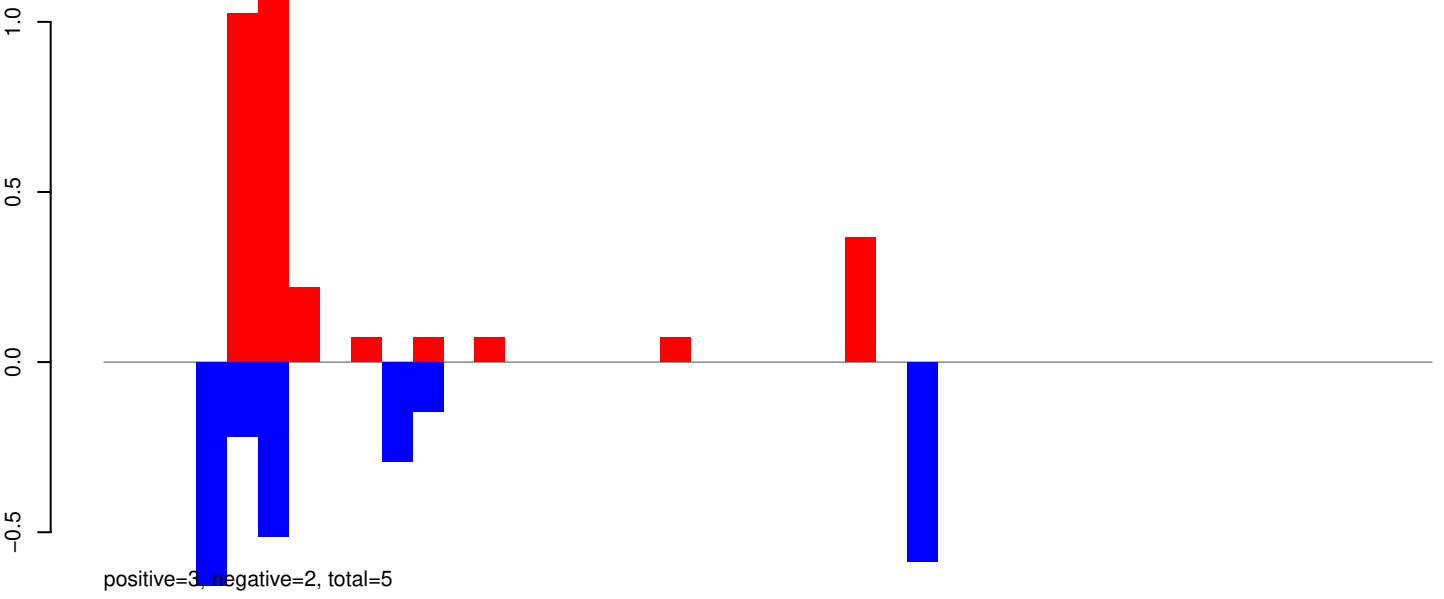


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

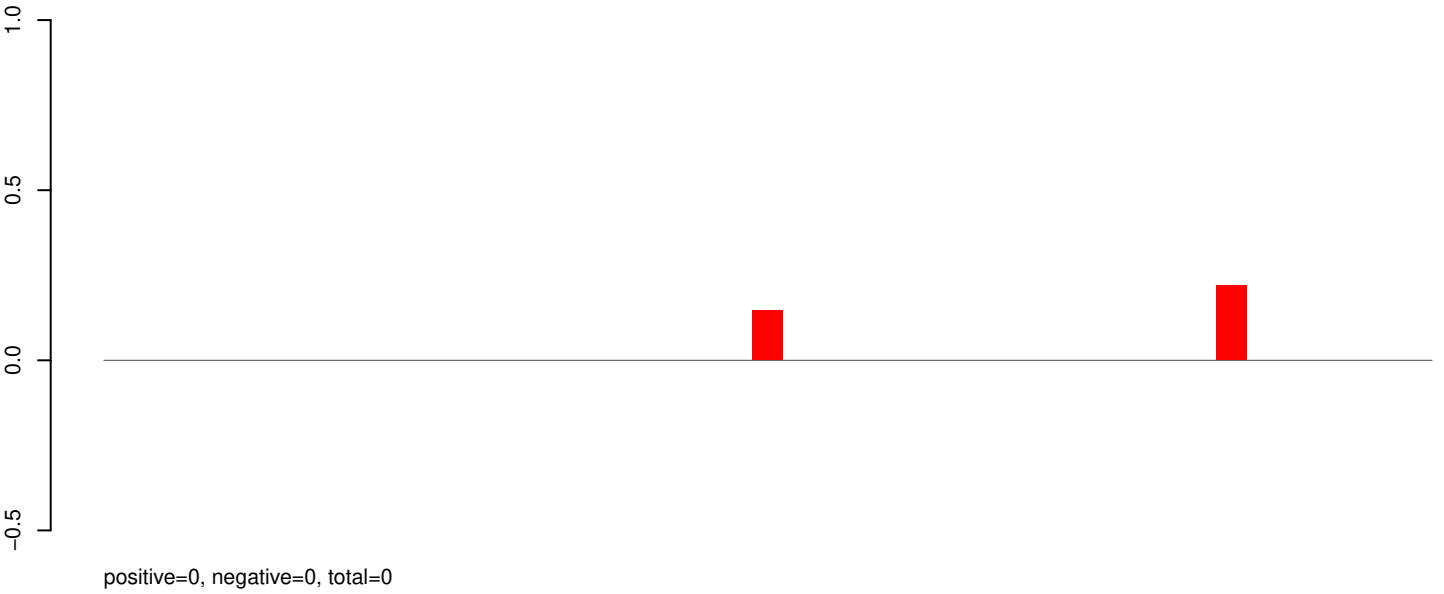


Window size=25, length=1078, TE@R=651-UNKNOWN:1-1078

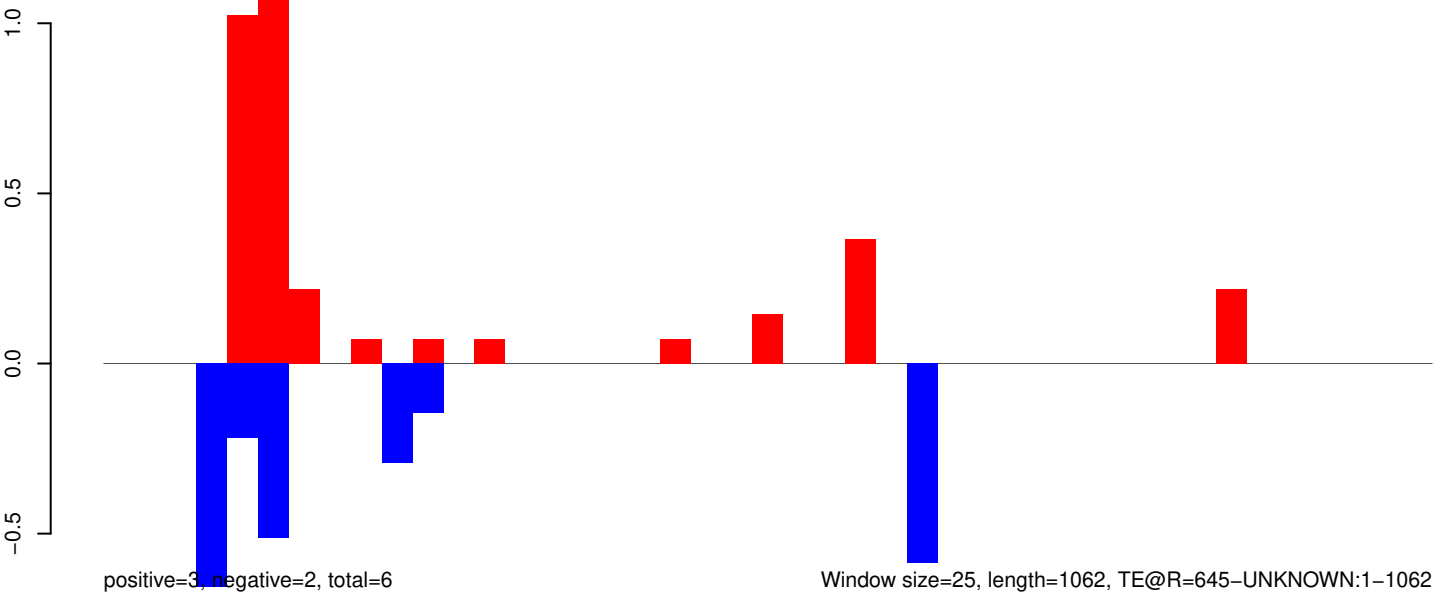
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



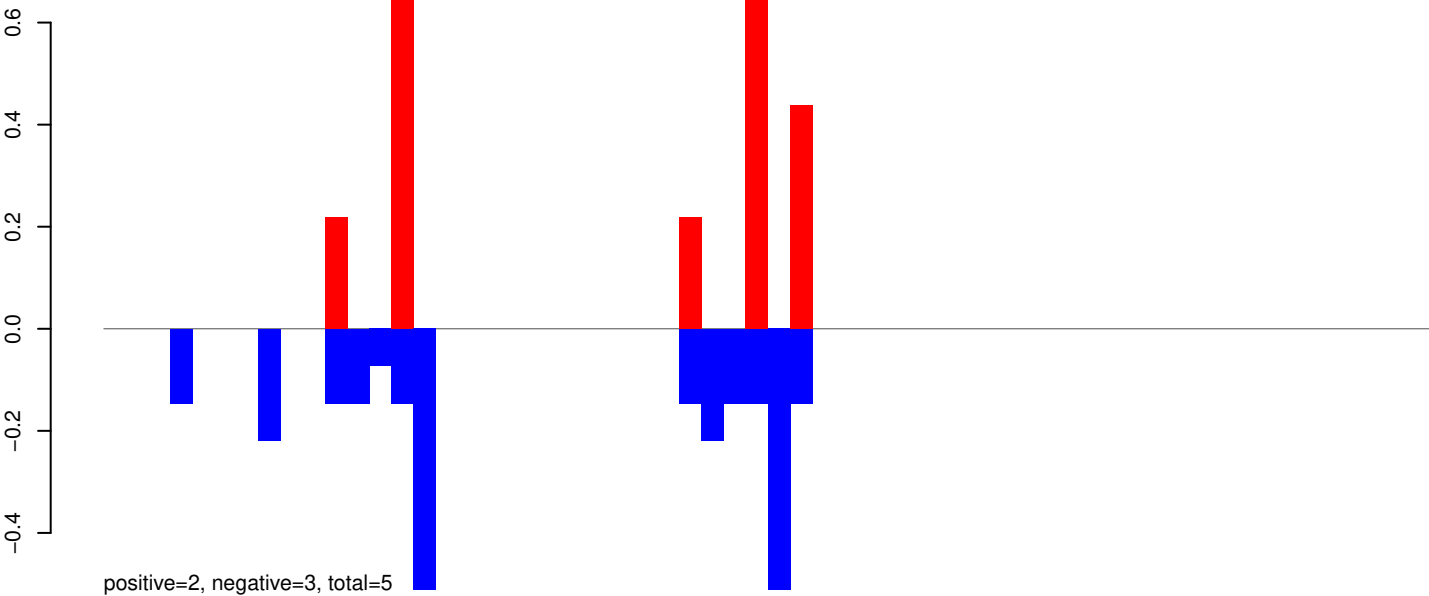
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



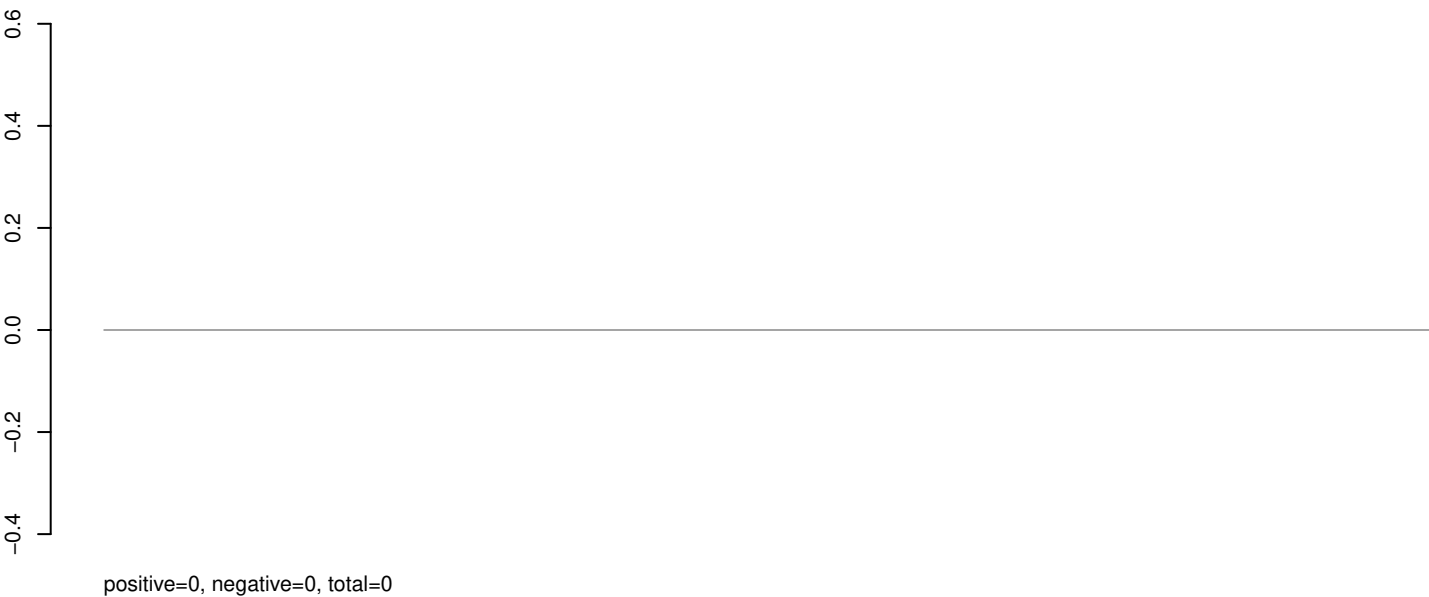
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



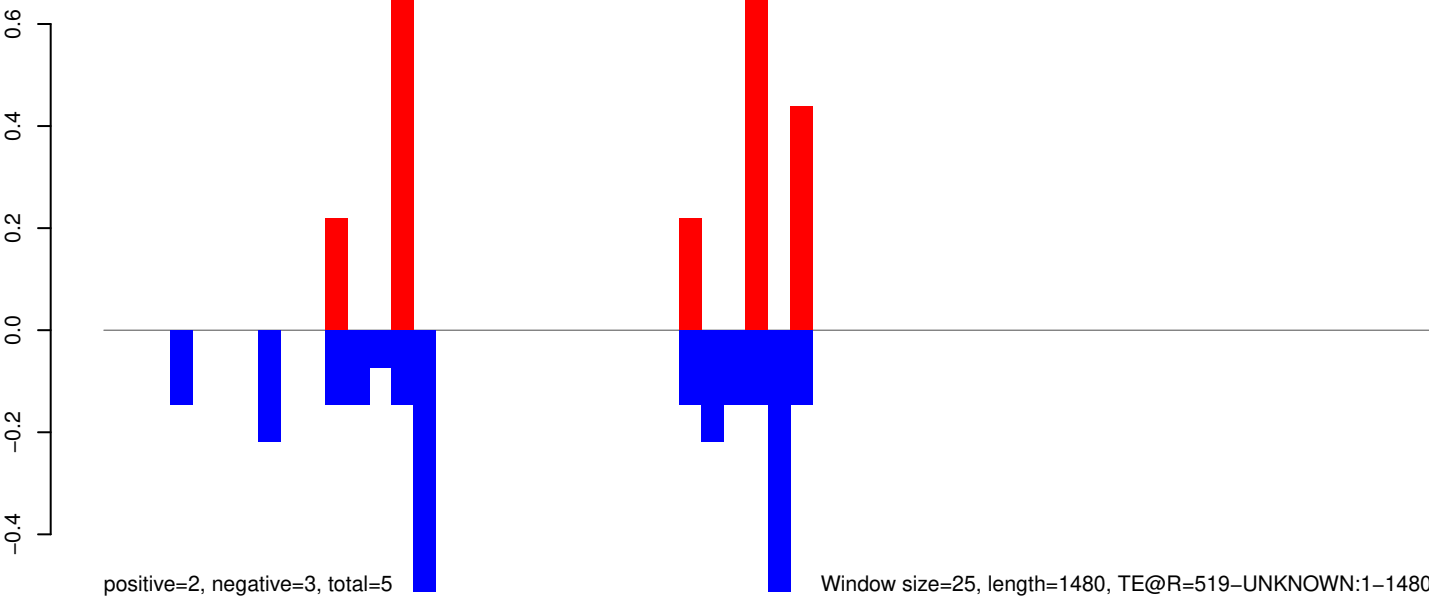
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



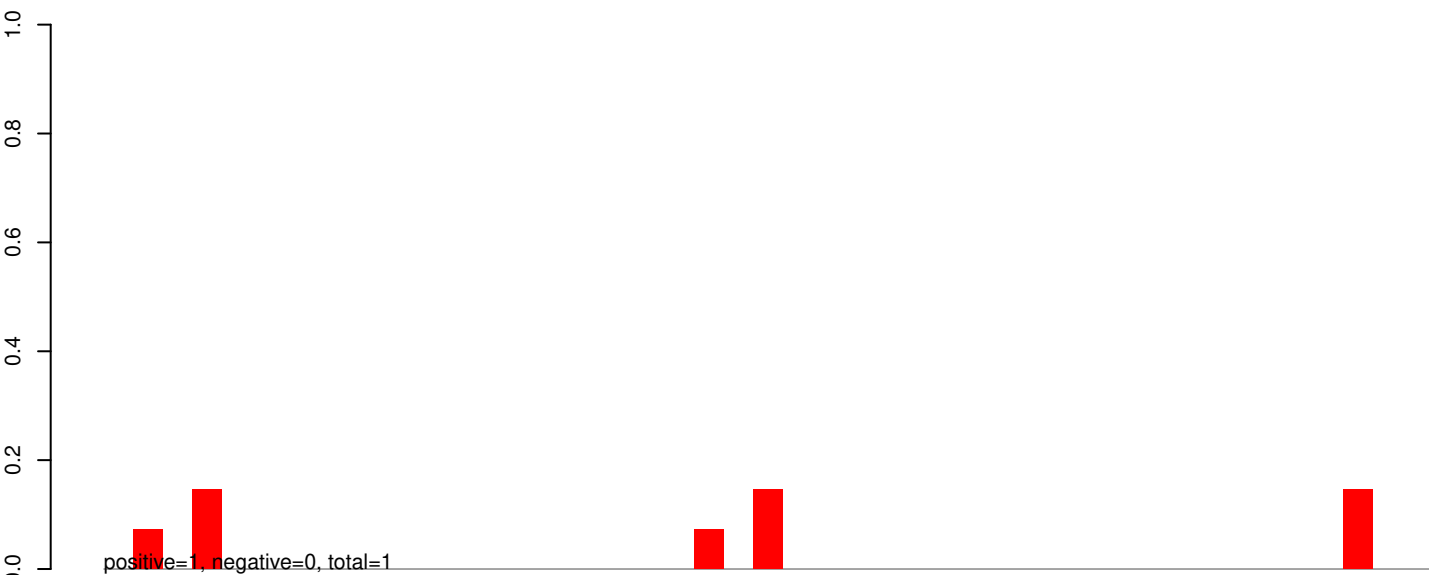
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



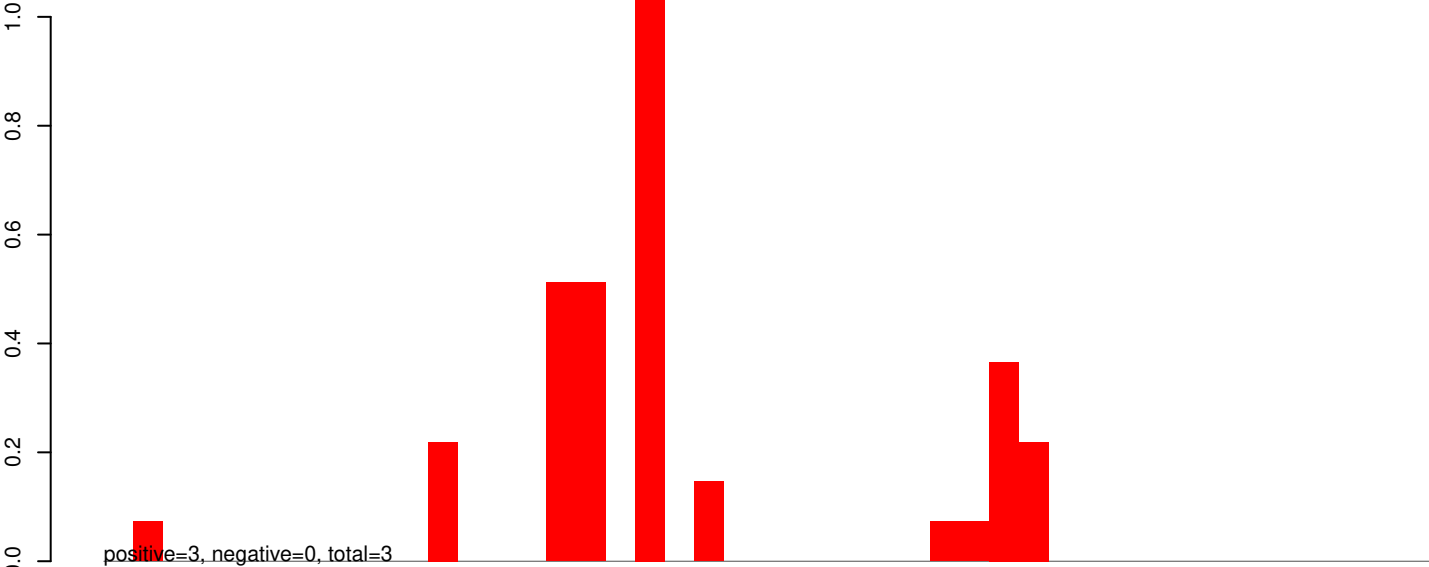
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



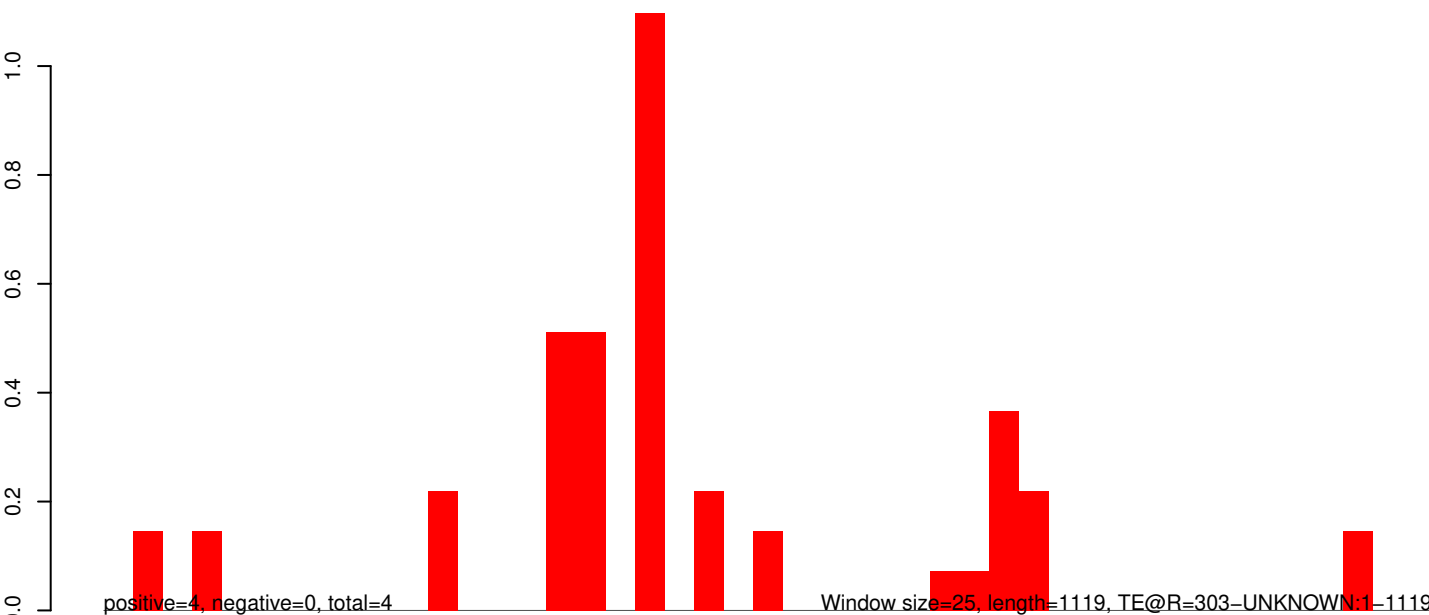
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



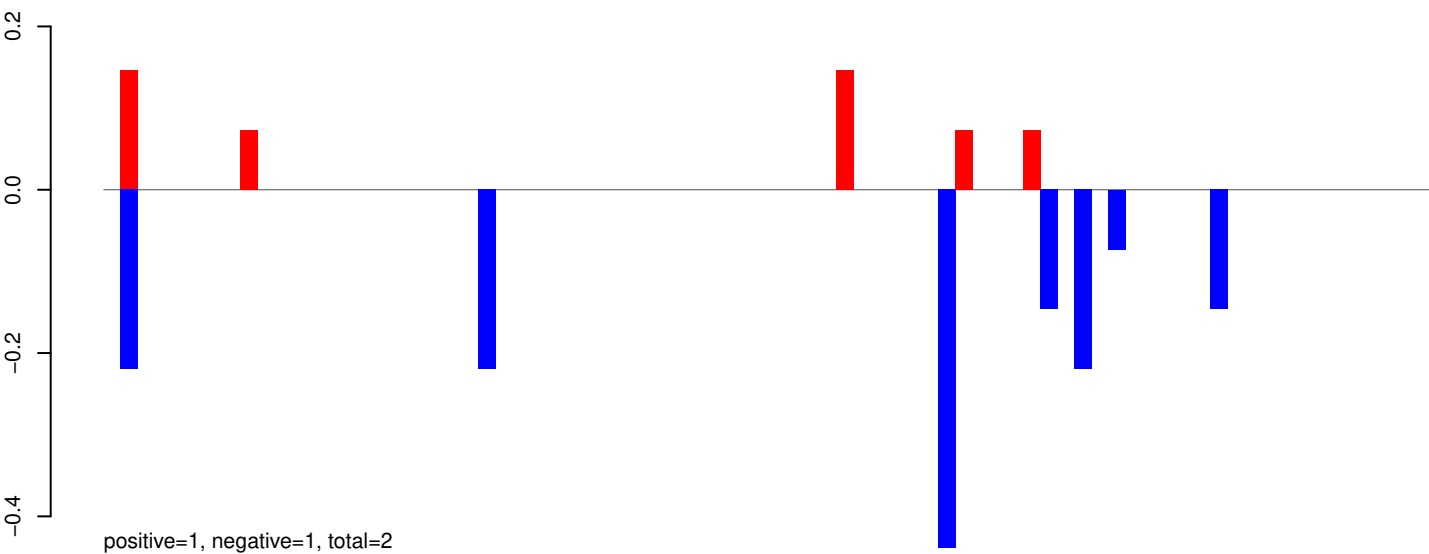
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



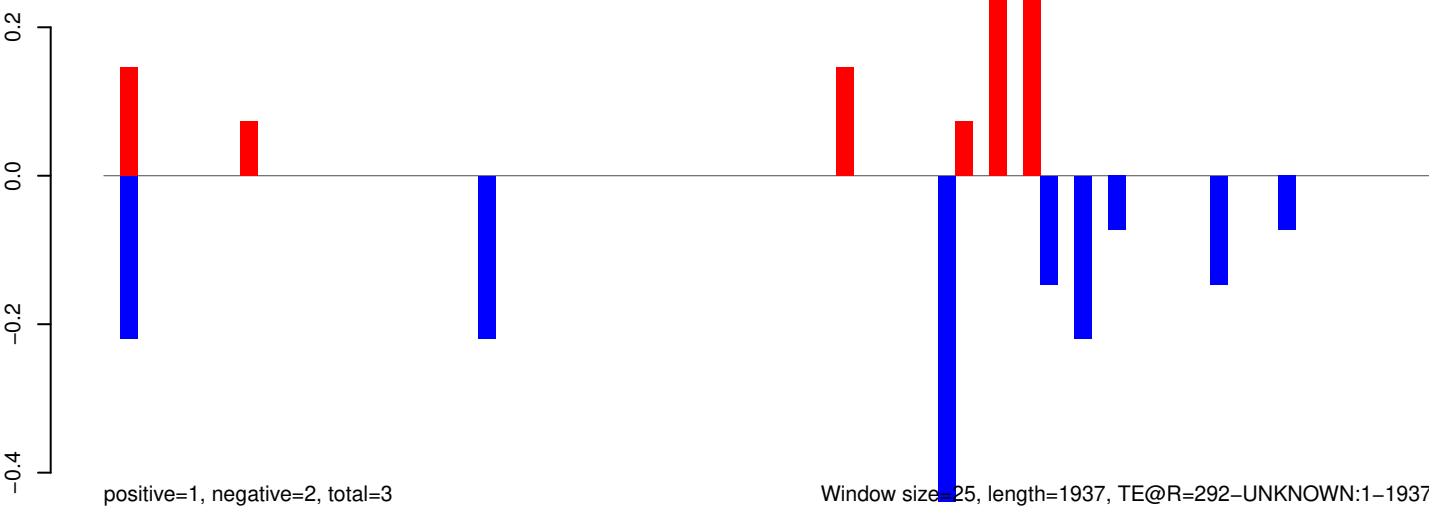
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



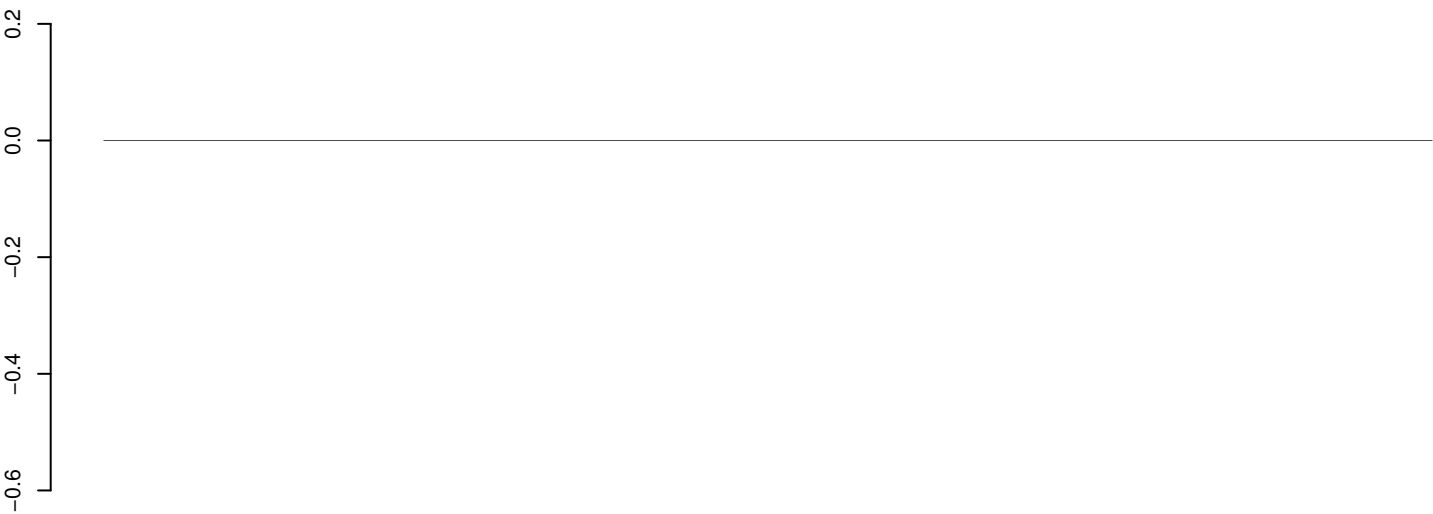
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

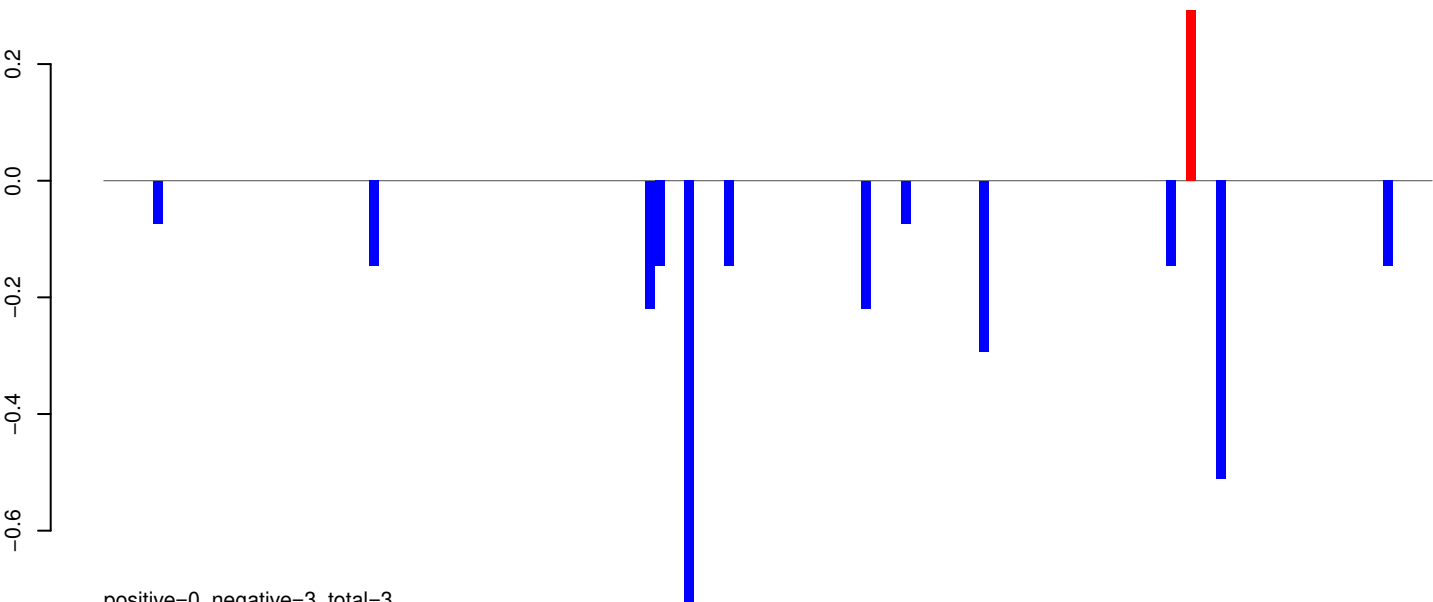


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



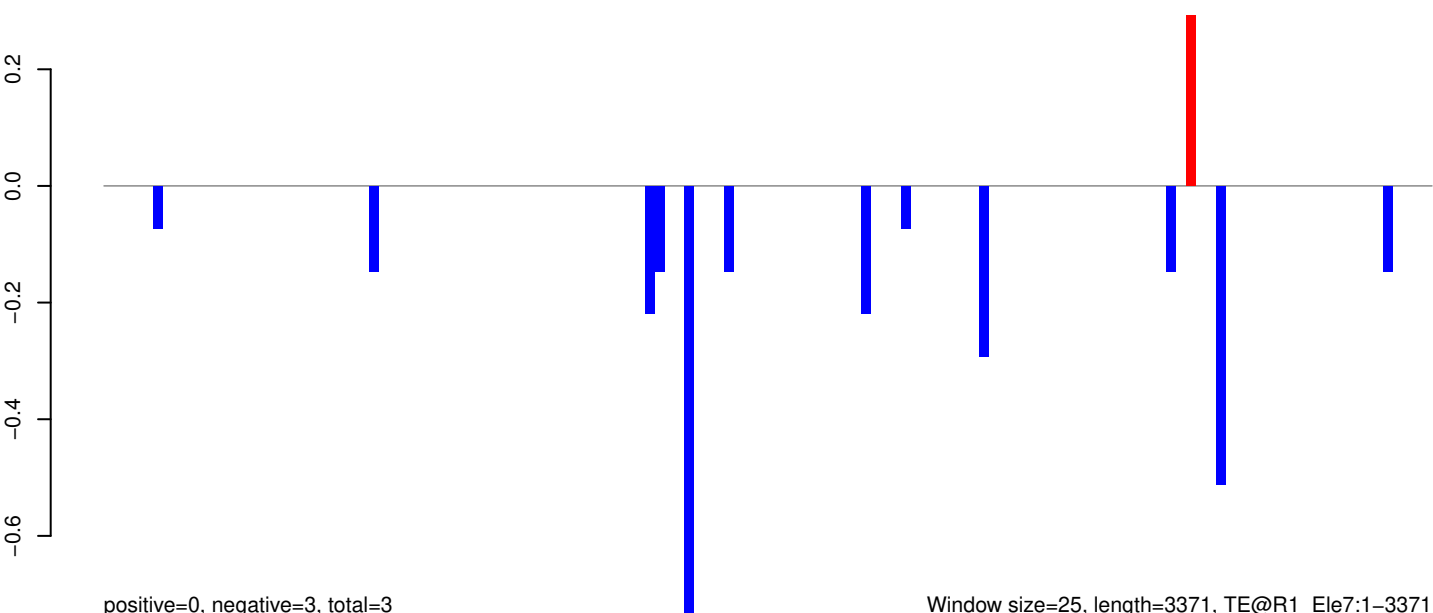
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=3, total=3

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

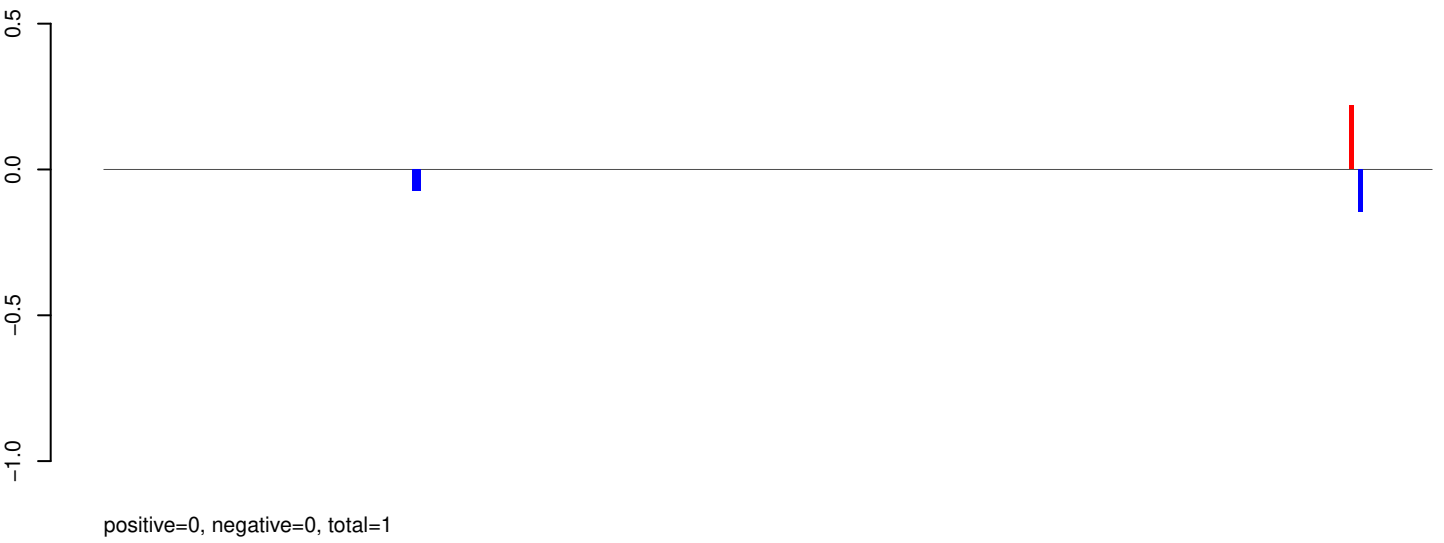


positive=0, negative=3, total=3

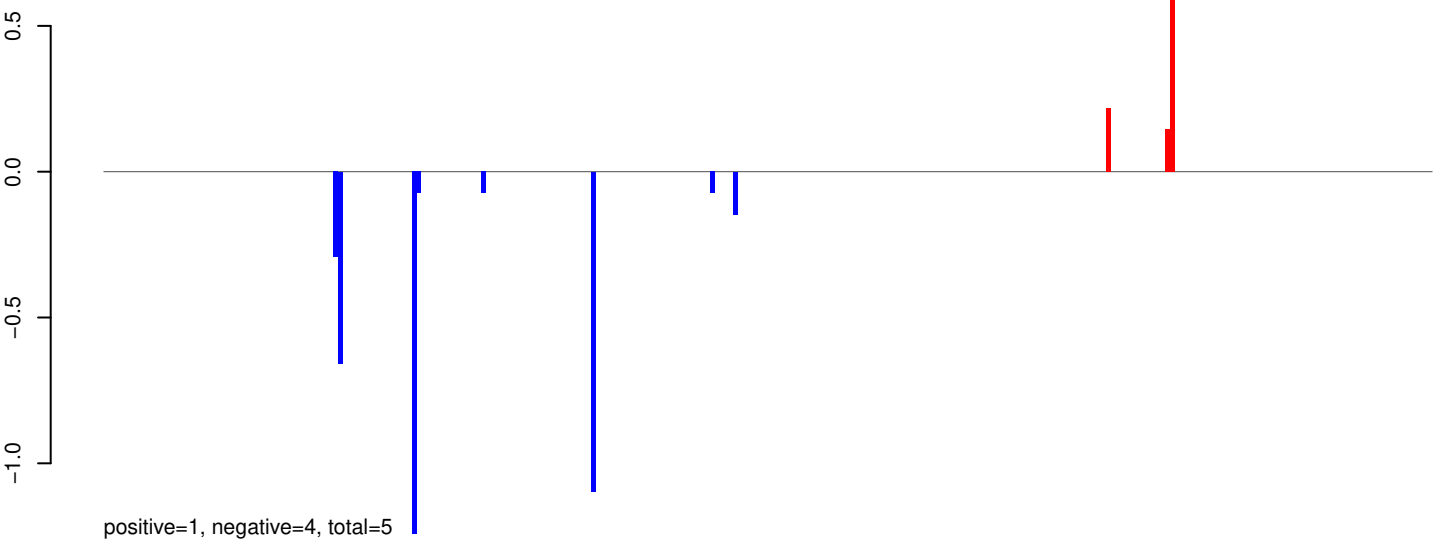
Window size=25, length=3371, TE@R1\_Ele7:1-3371

0 500 1000 1500 2000 2500 3000 3500

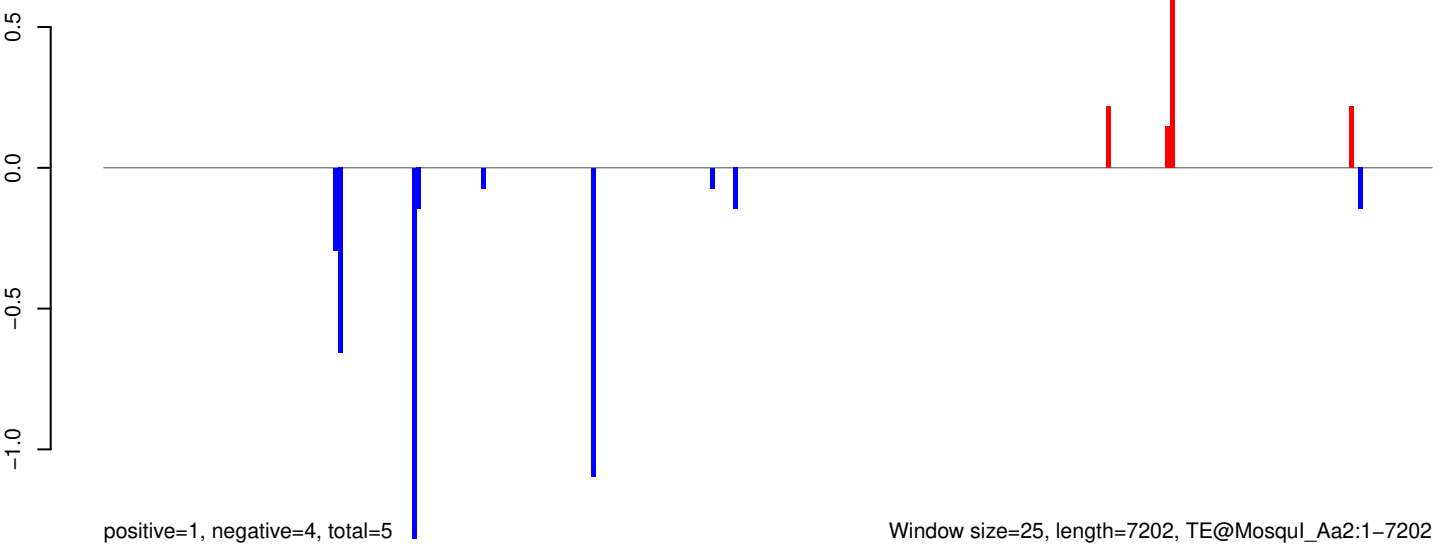
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



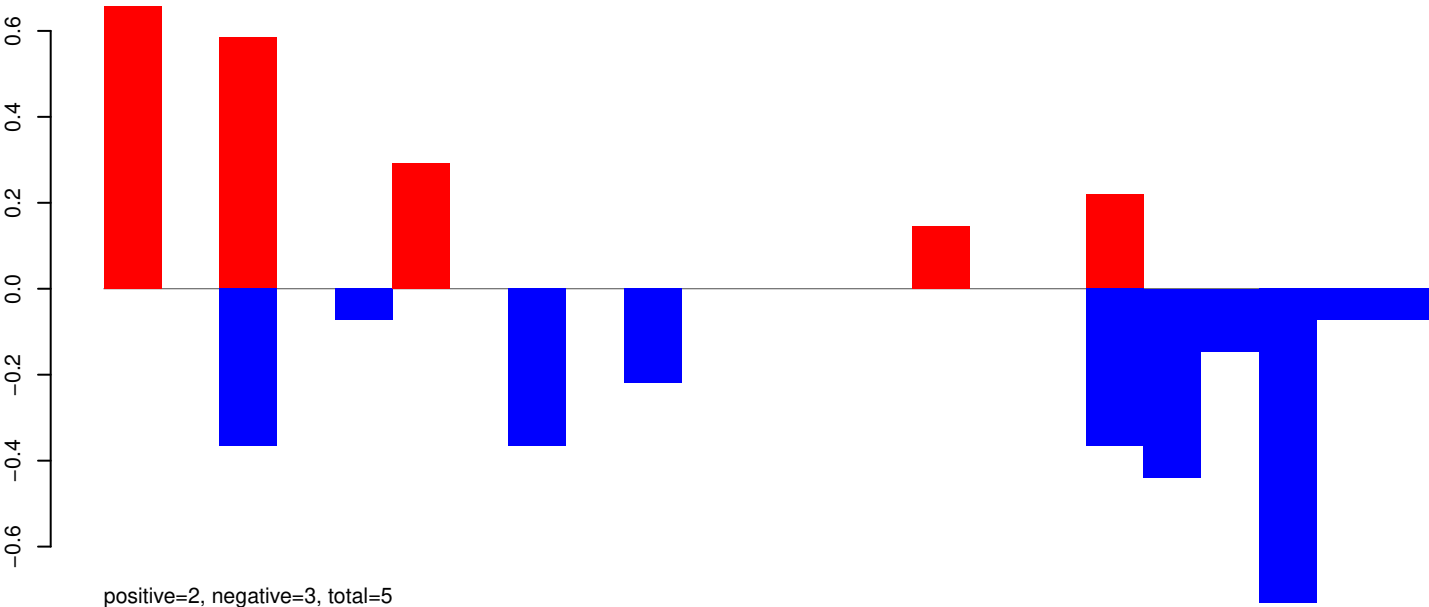
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



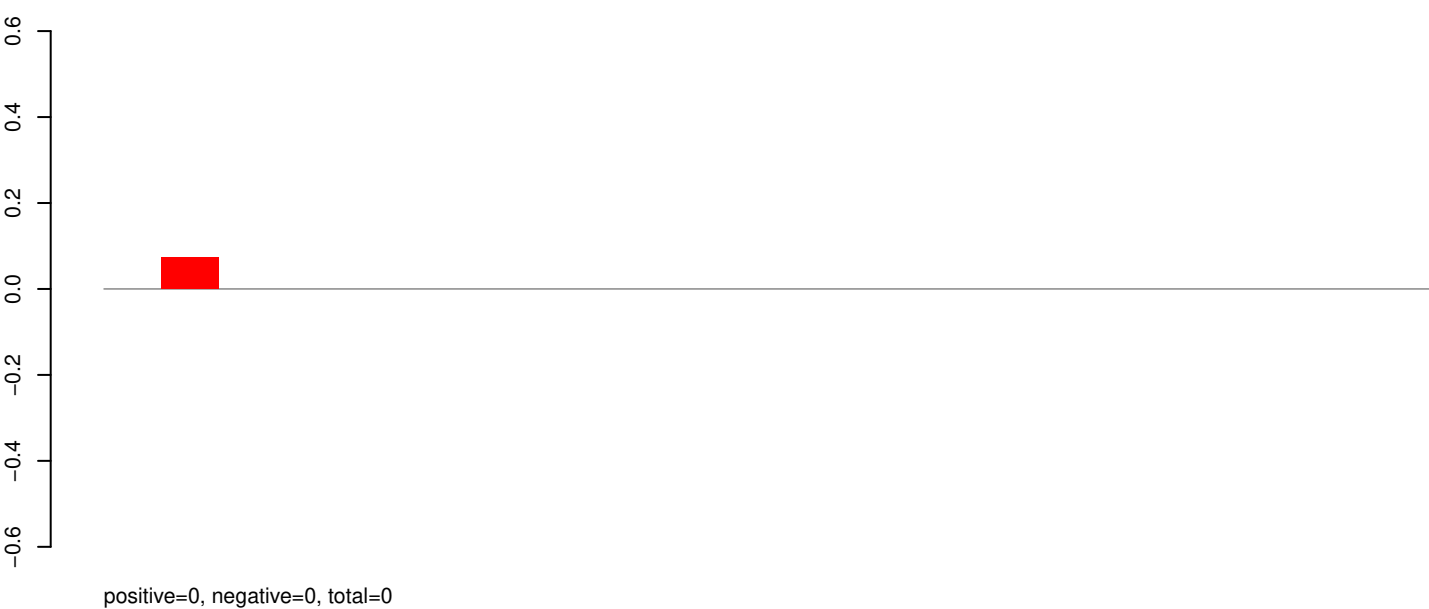
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



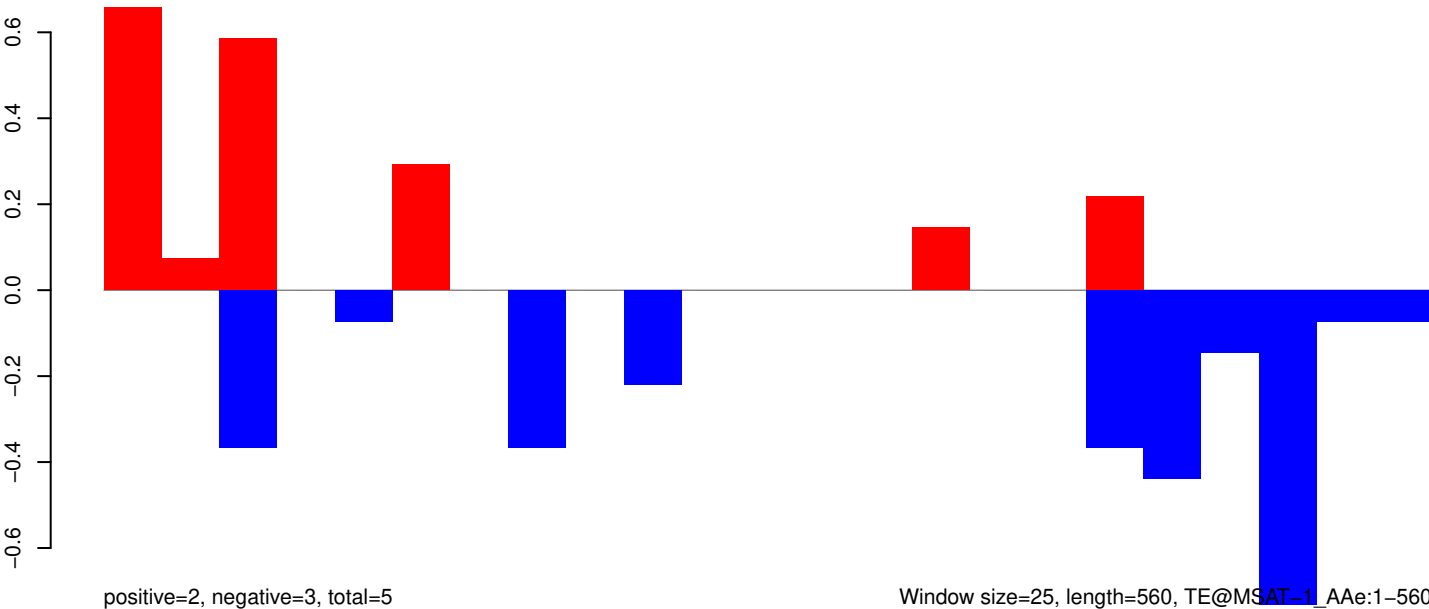
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

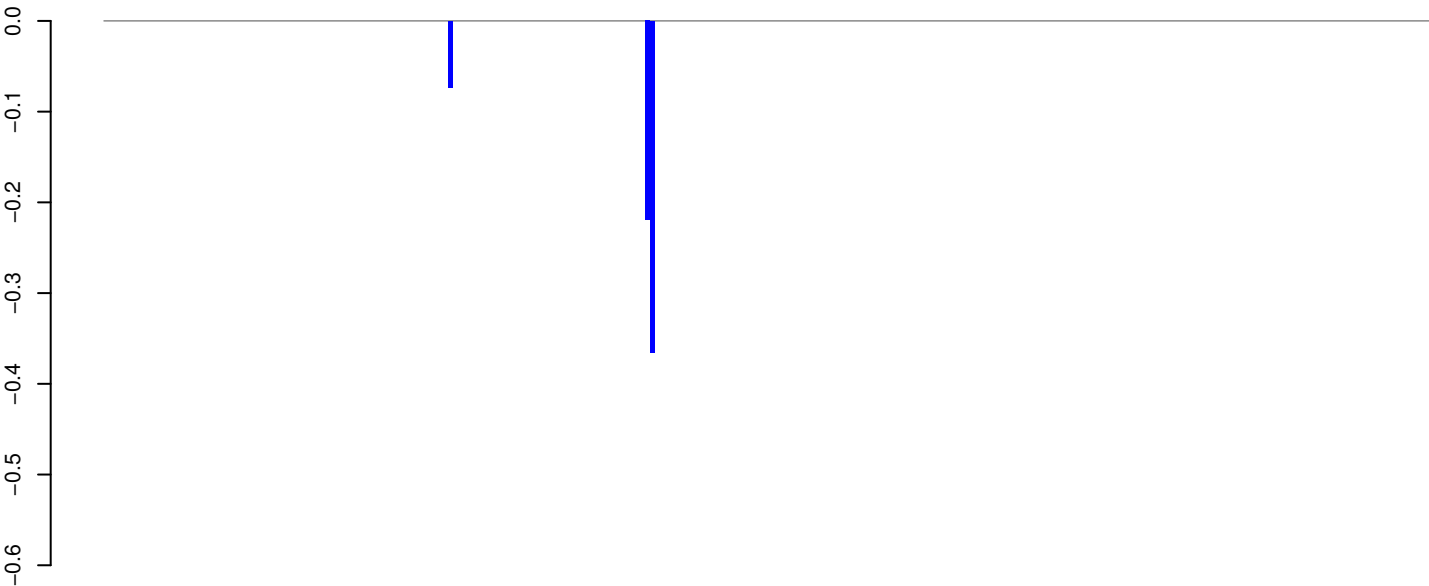


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



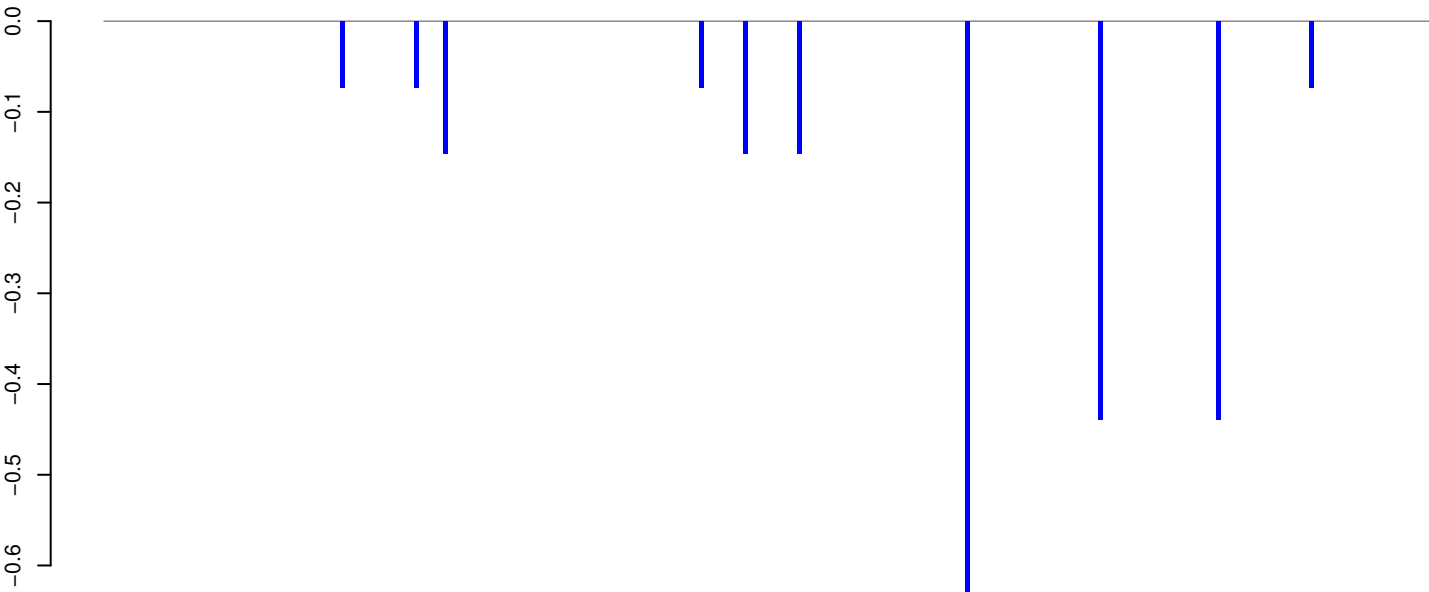


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



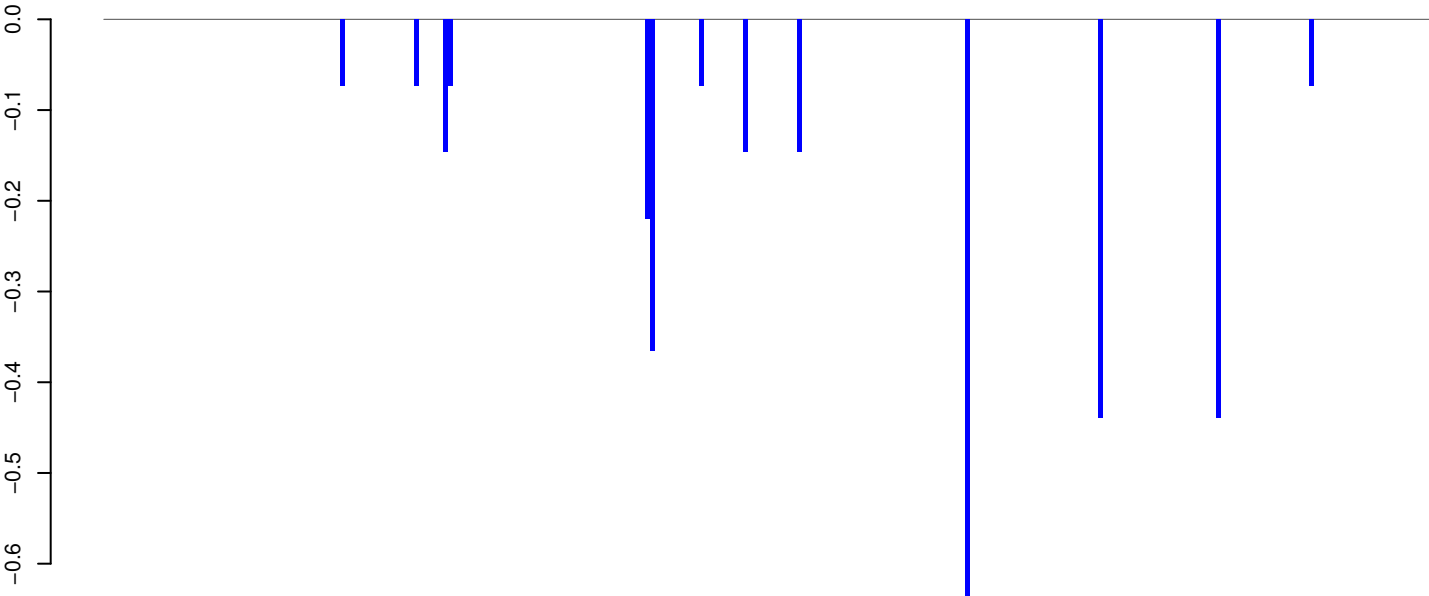
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



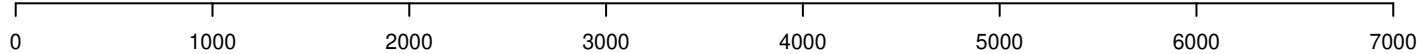
positive=0, negative=2, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=3, total=3

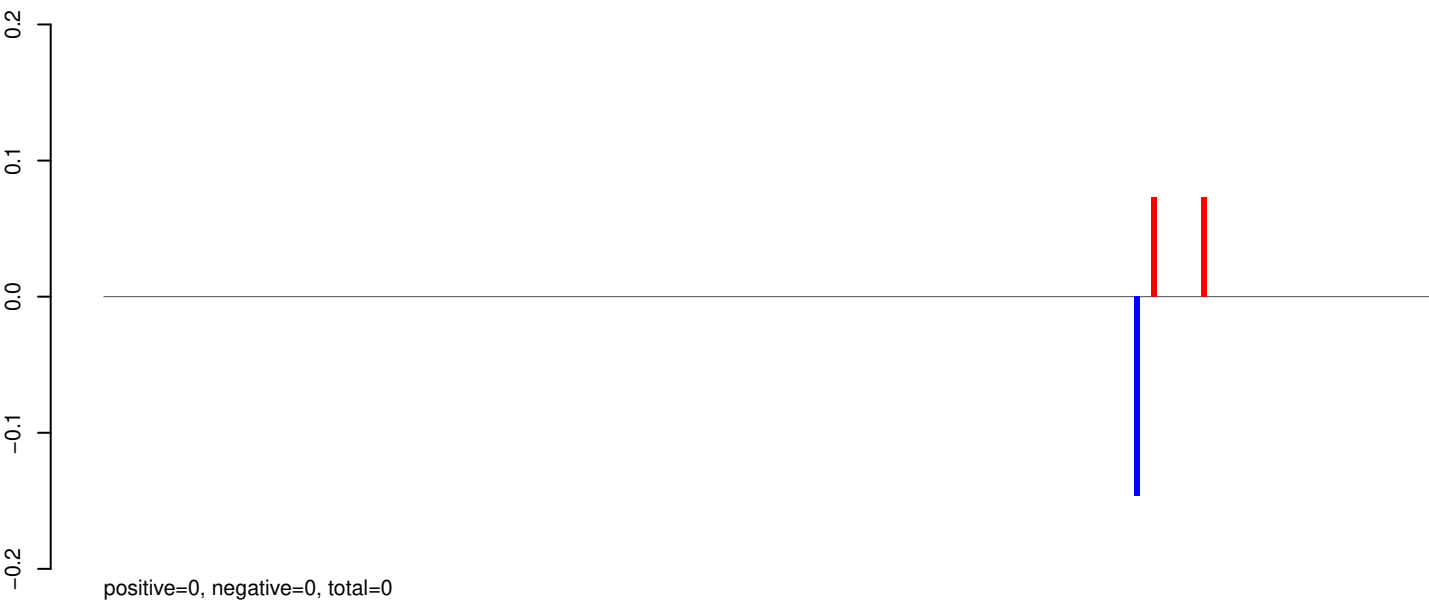
Window size=25, length=6727, TE@I\_Ele34:1-6727



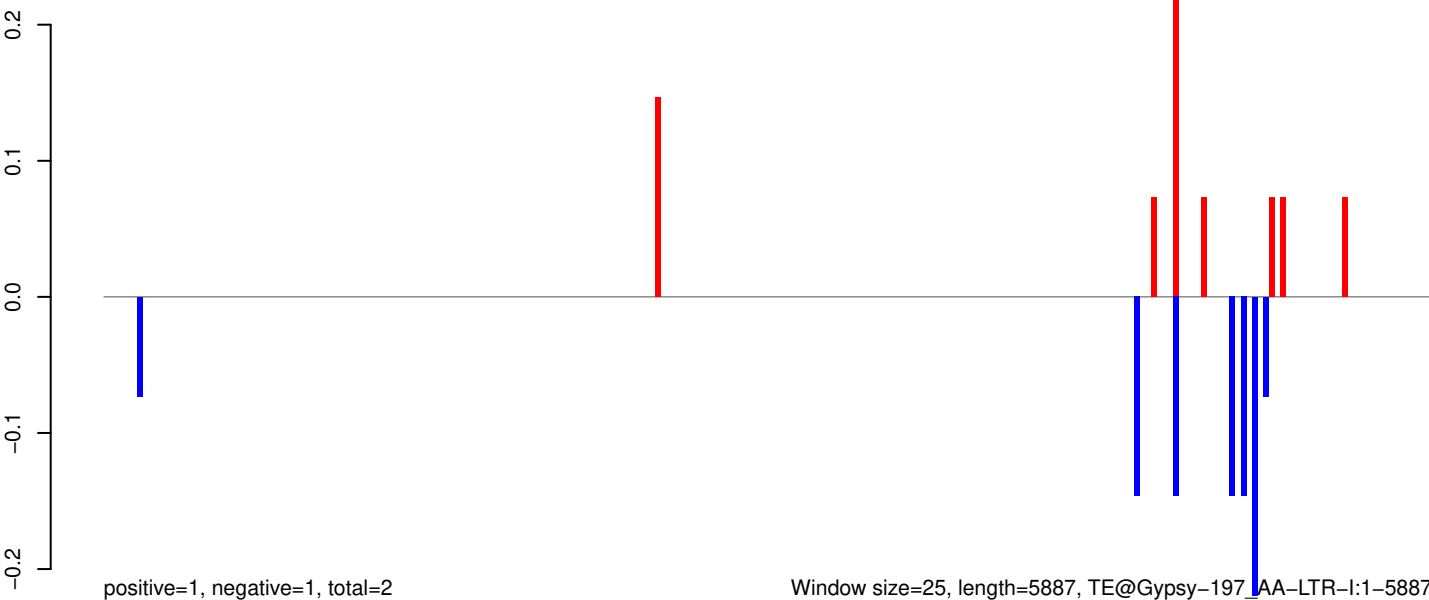
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



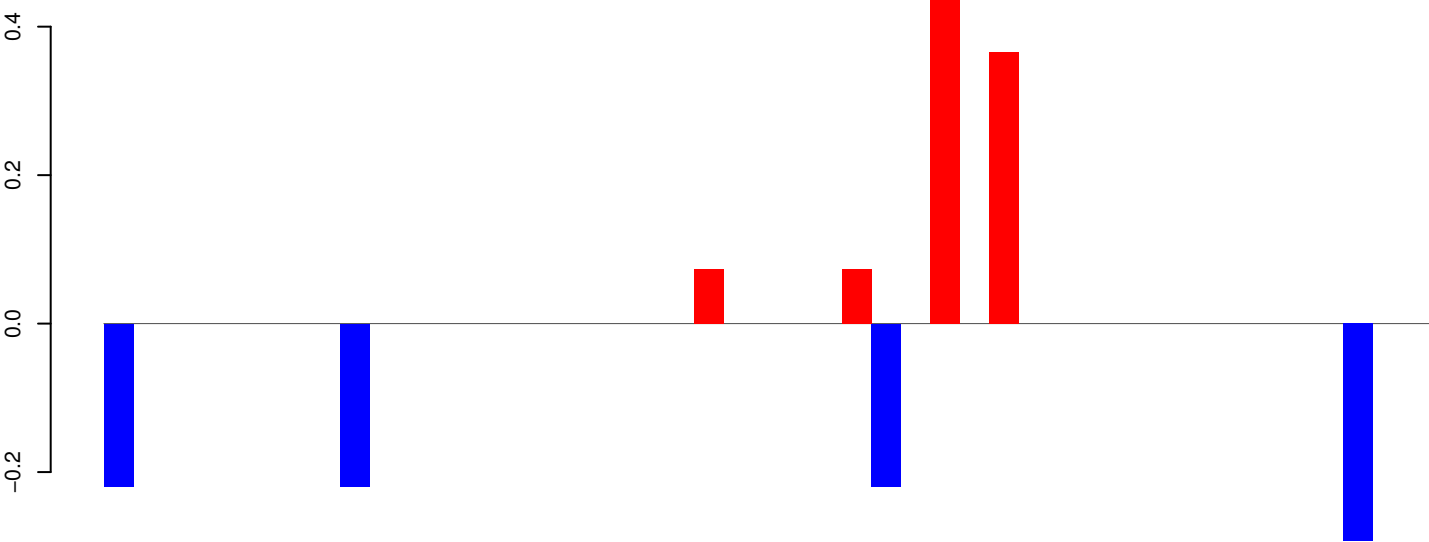
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=5887, TE@Gypsy-197\_AA-LTR-I:1-5887

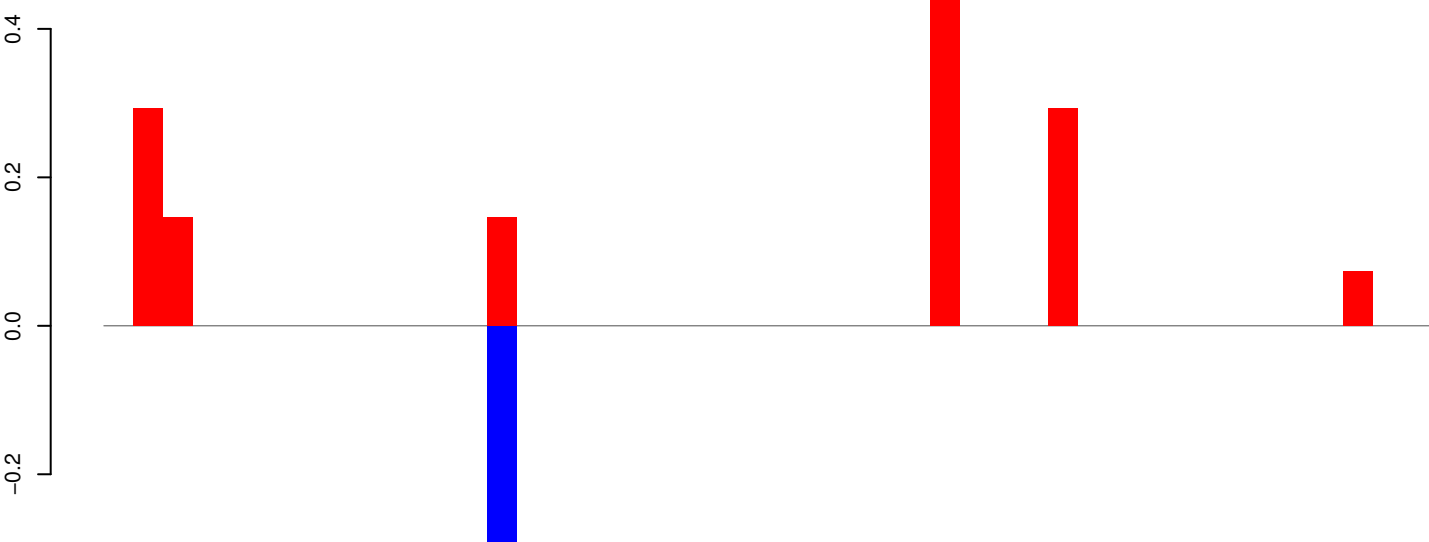
0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



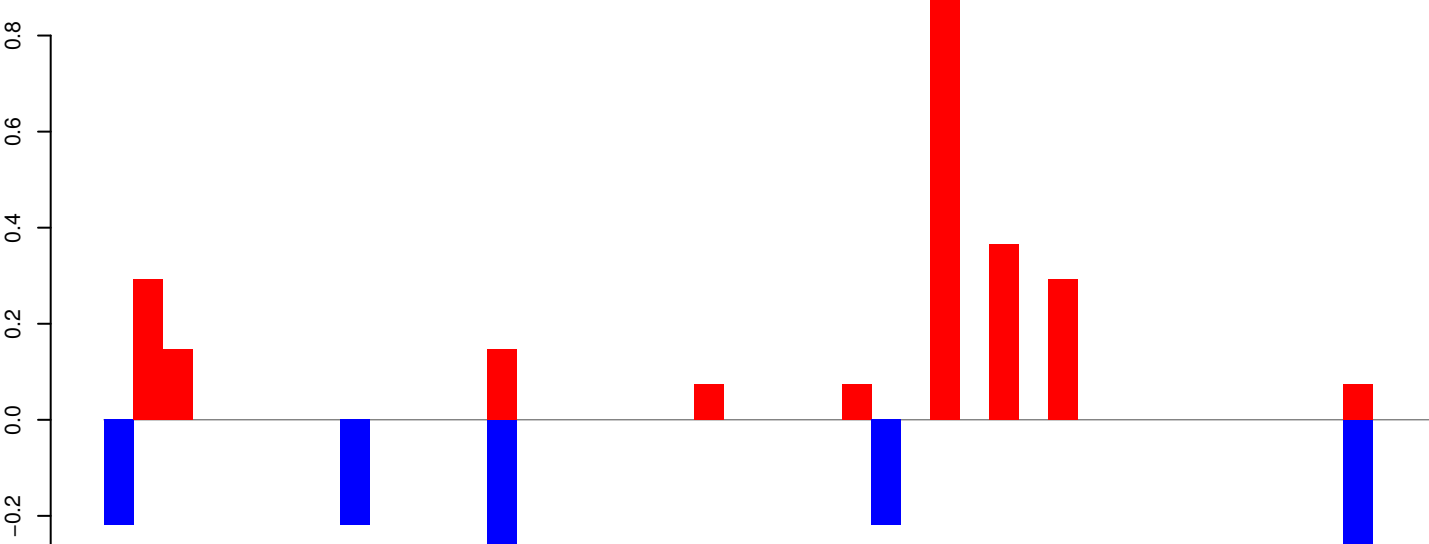
positive=1, negative=1, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=0, total=2

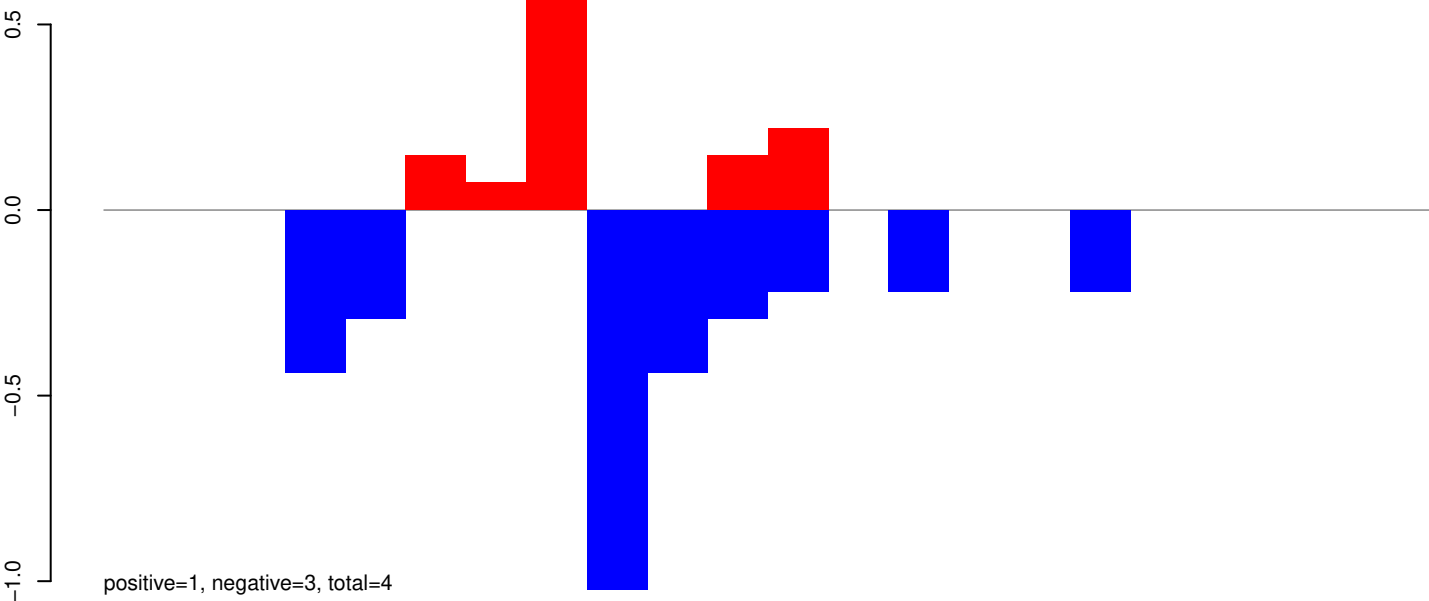
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



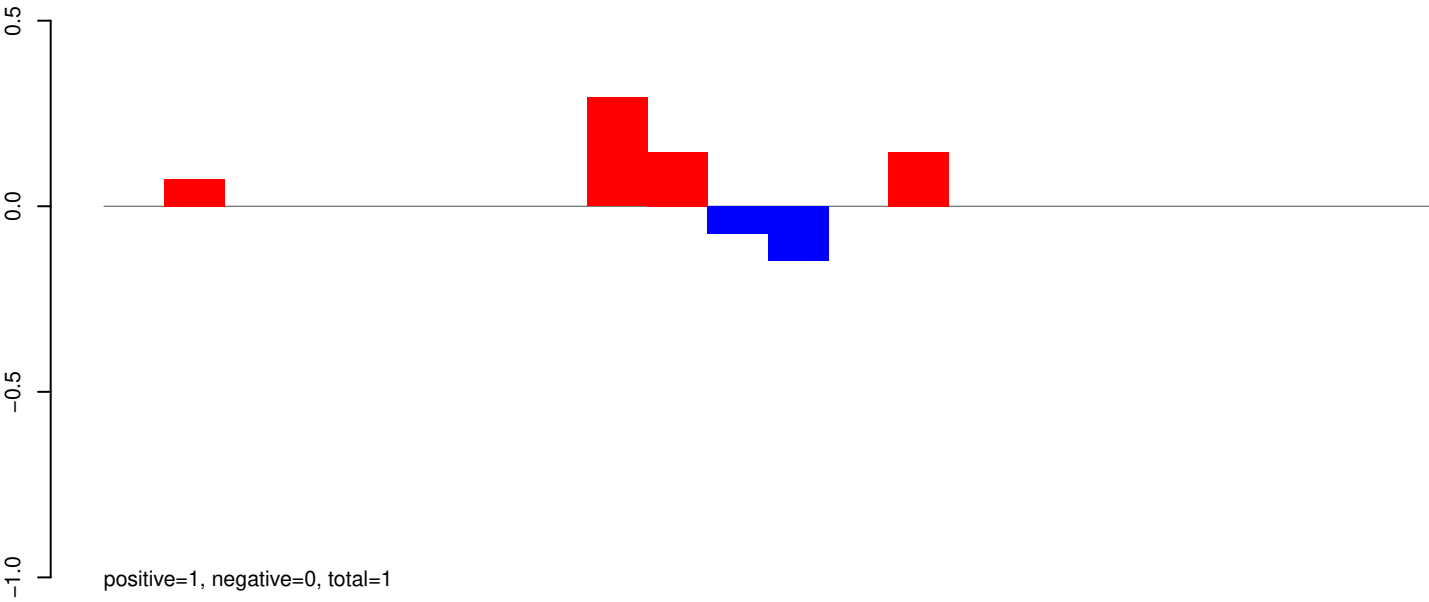
positive=2, negative=1, total=4

Window size=25, length=1102, TE@TF001260-m4bp\_Ele17a:1-1102

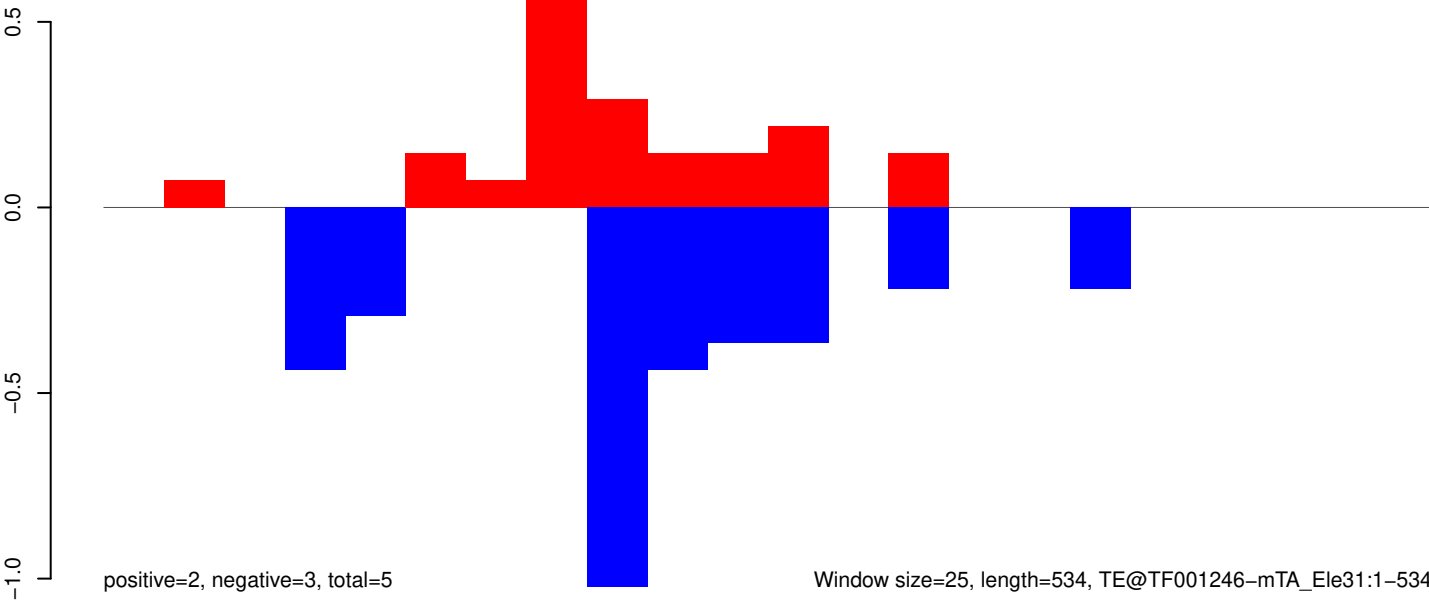
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



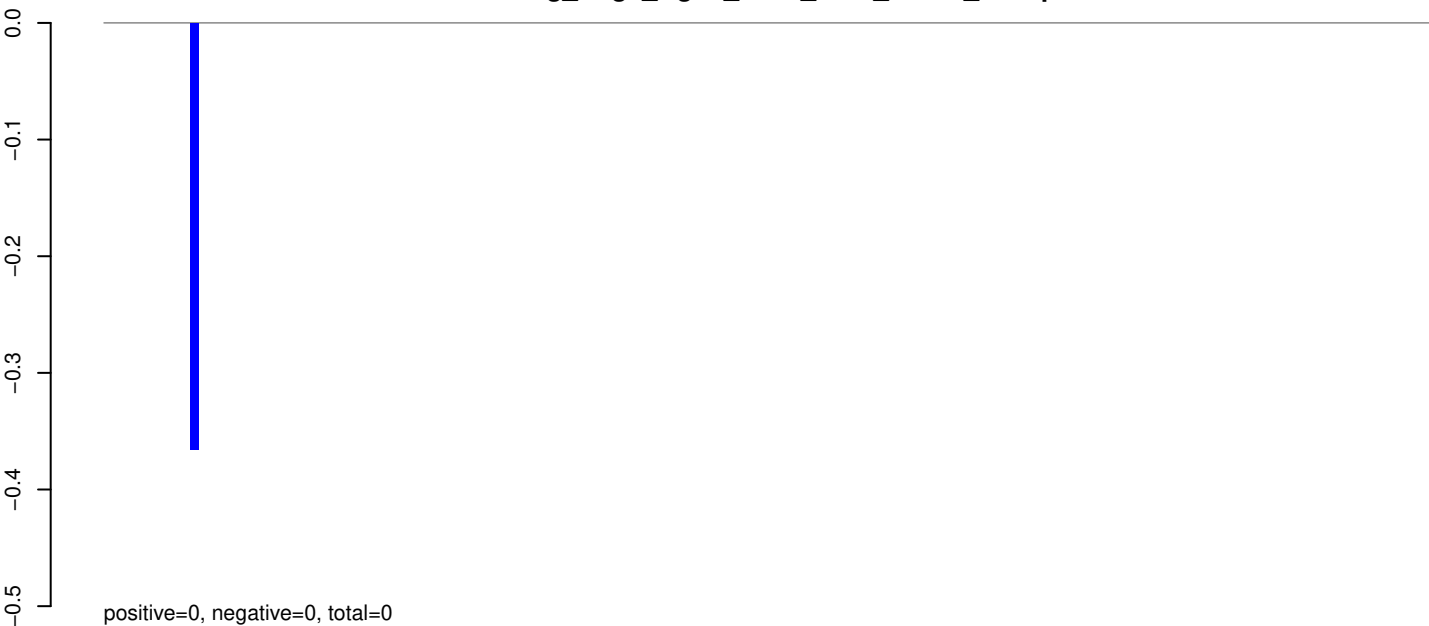
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



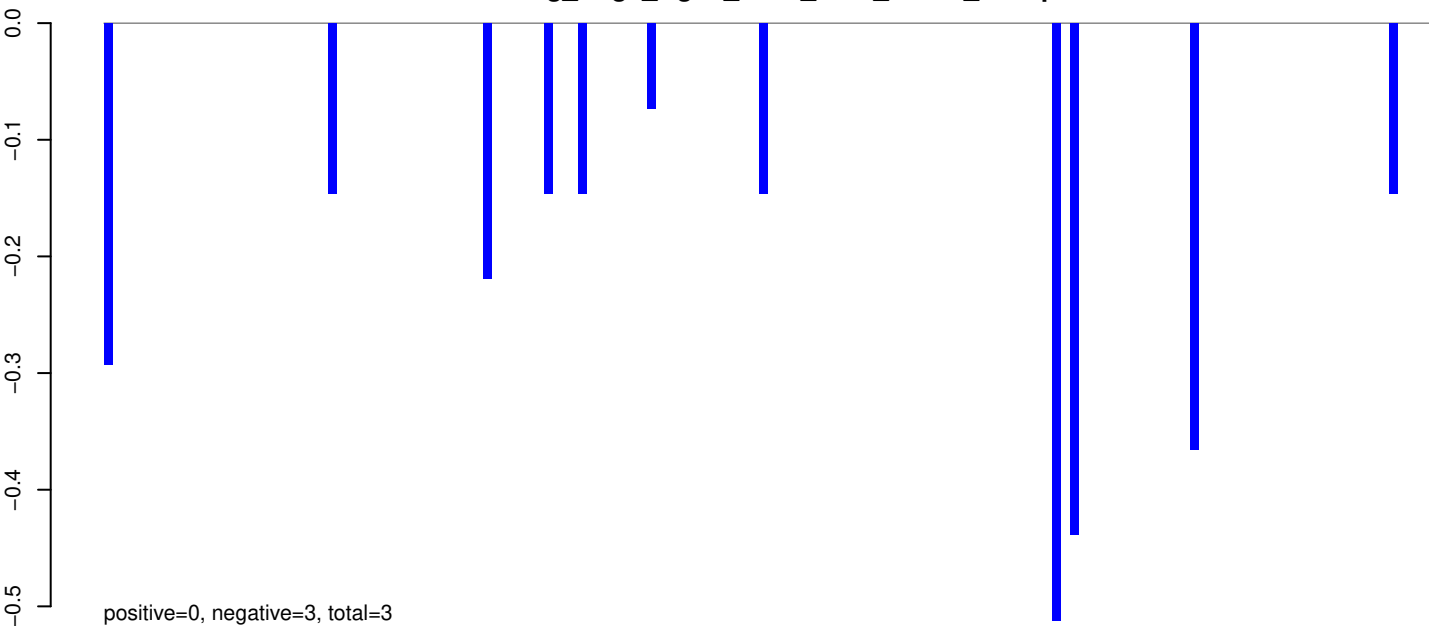
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



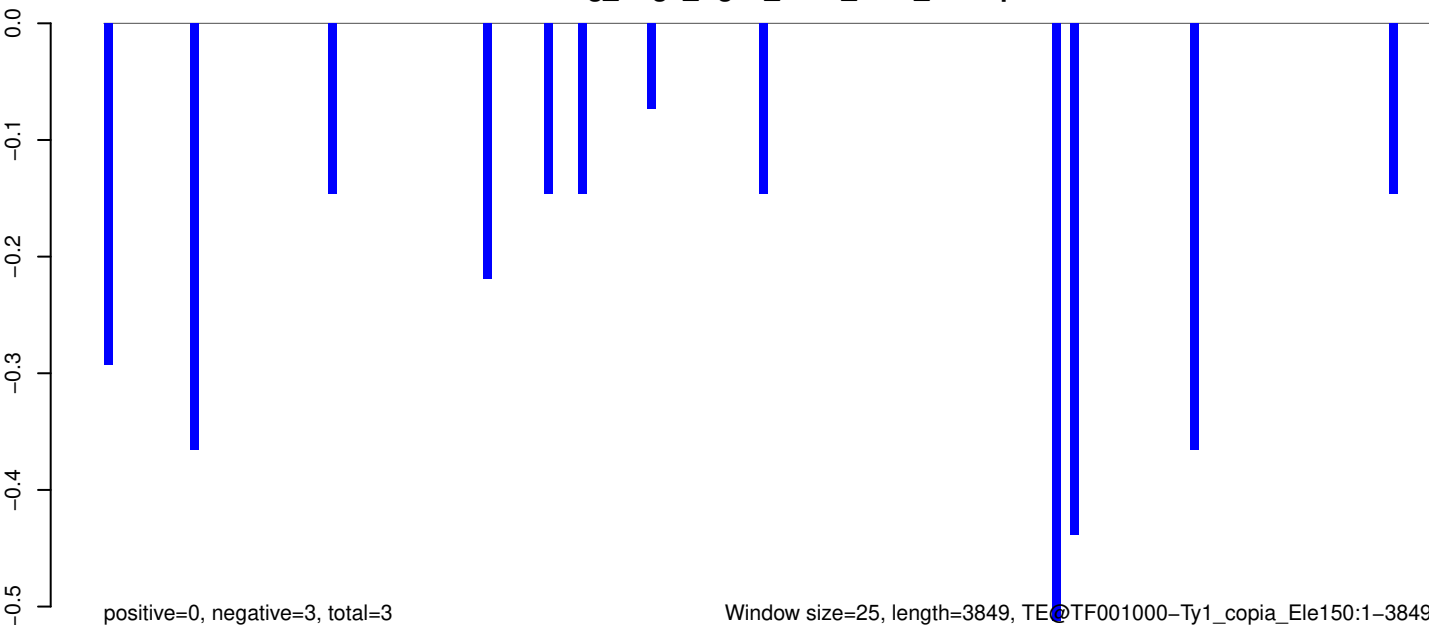
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



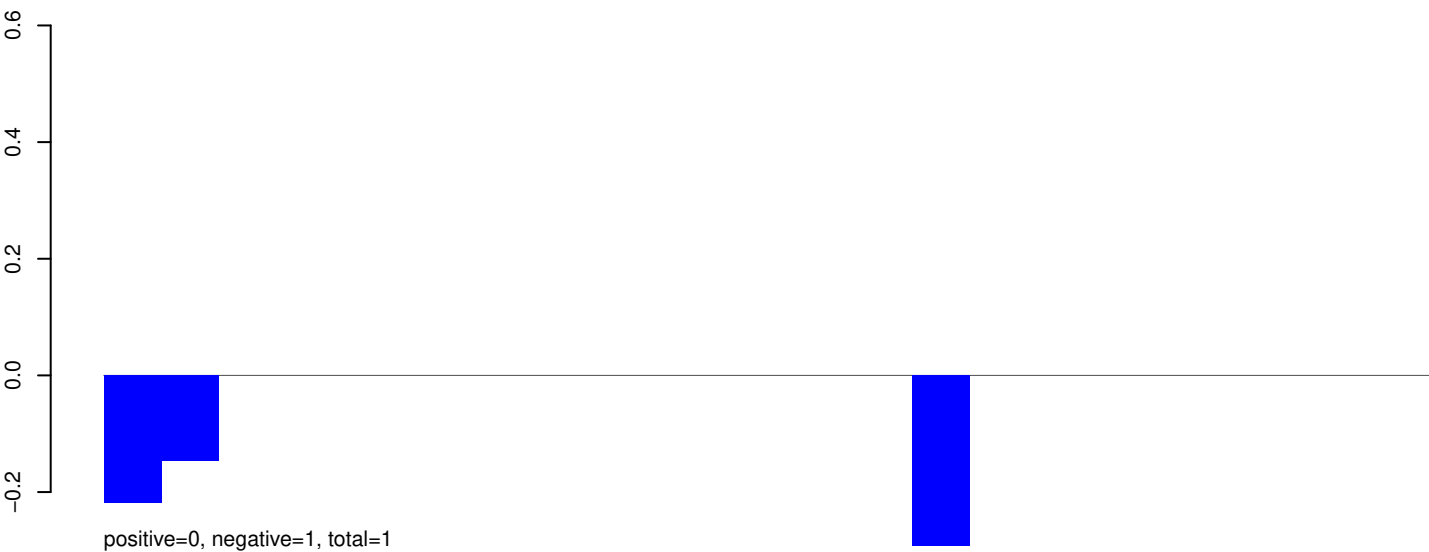
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



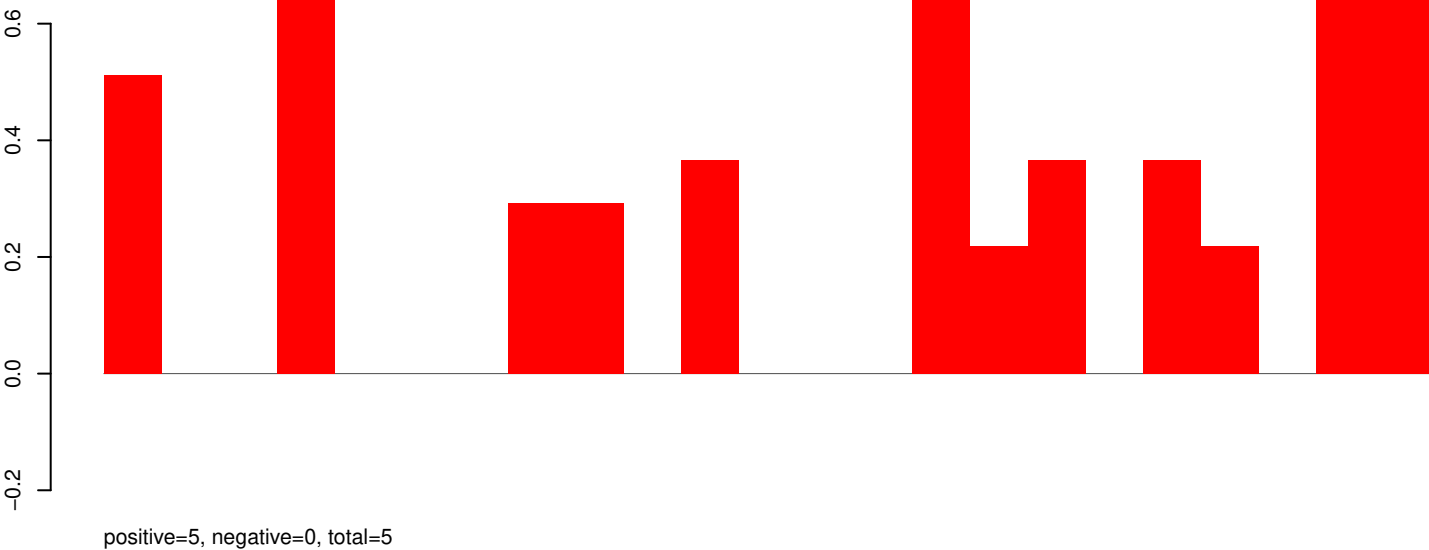
Window size=25, length=3849, TE@TF001000-Ty1\_copia\_Ele150:1-3849

0 1000 2000 3000 4000

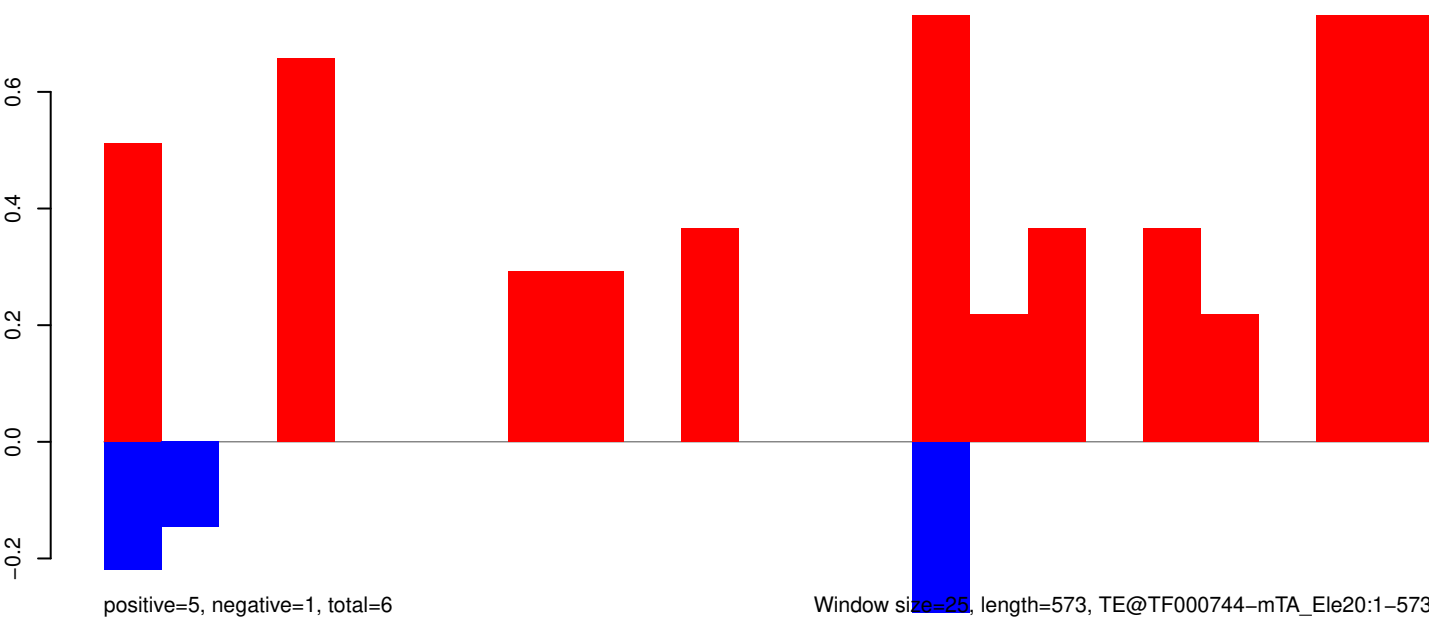
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

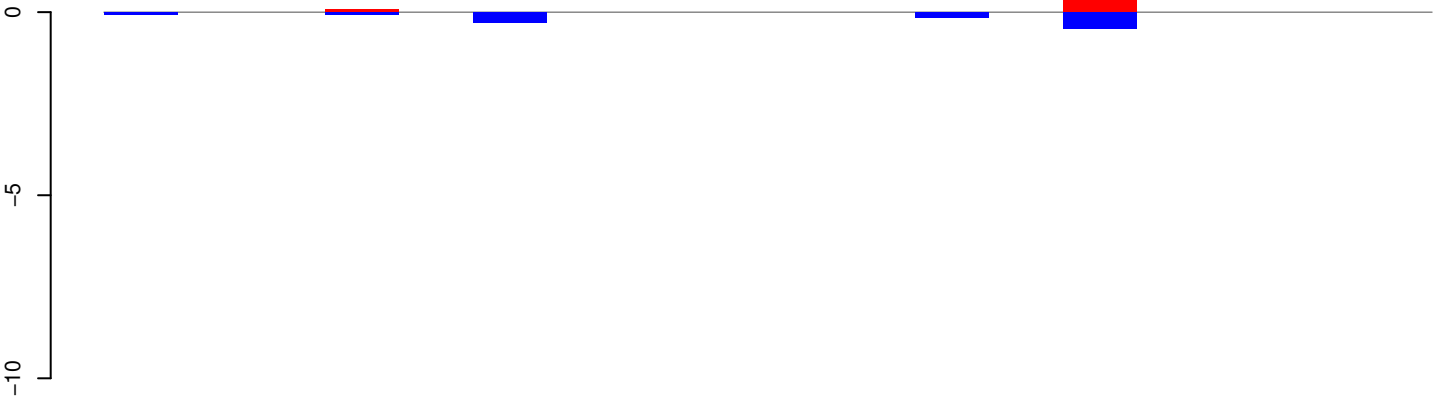


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



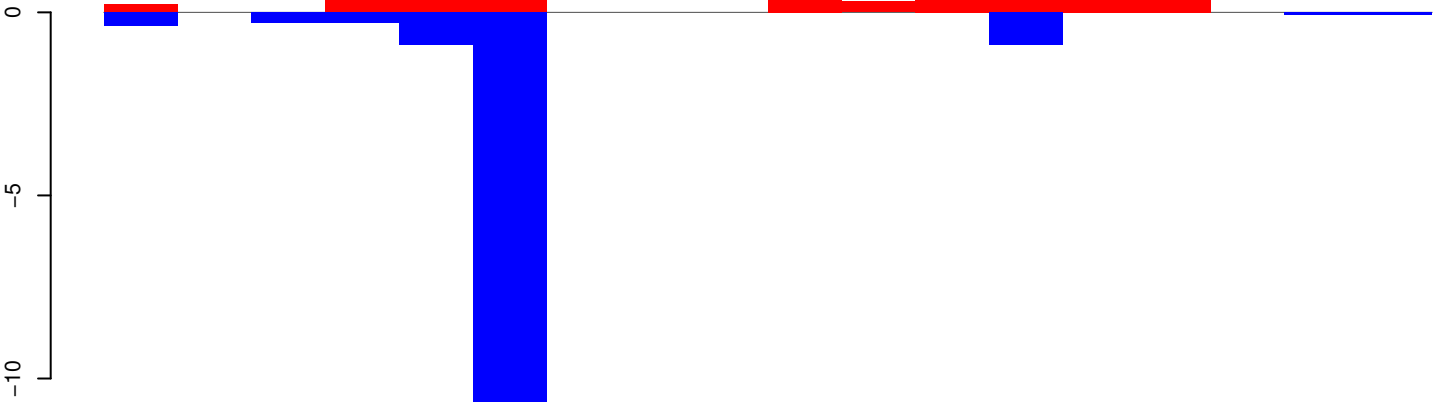
Window size=25, length=573, TE@TF000744-mTA\_Ele20:1-573

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



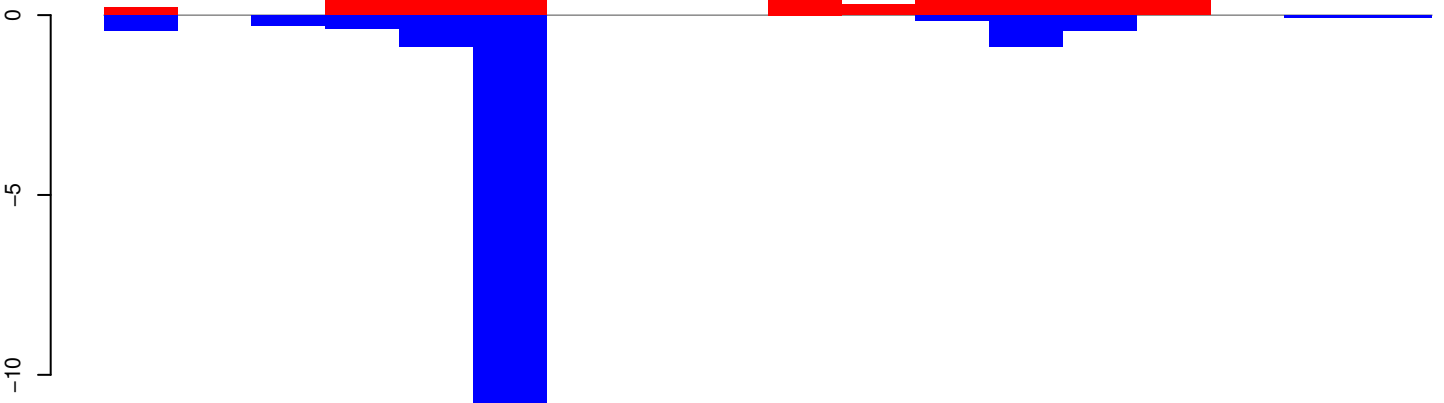
positive=1, negative=1, total=2

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=12, negative=15, total=27

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

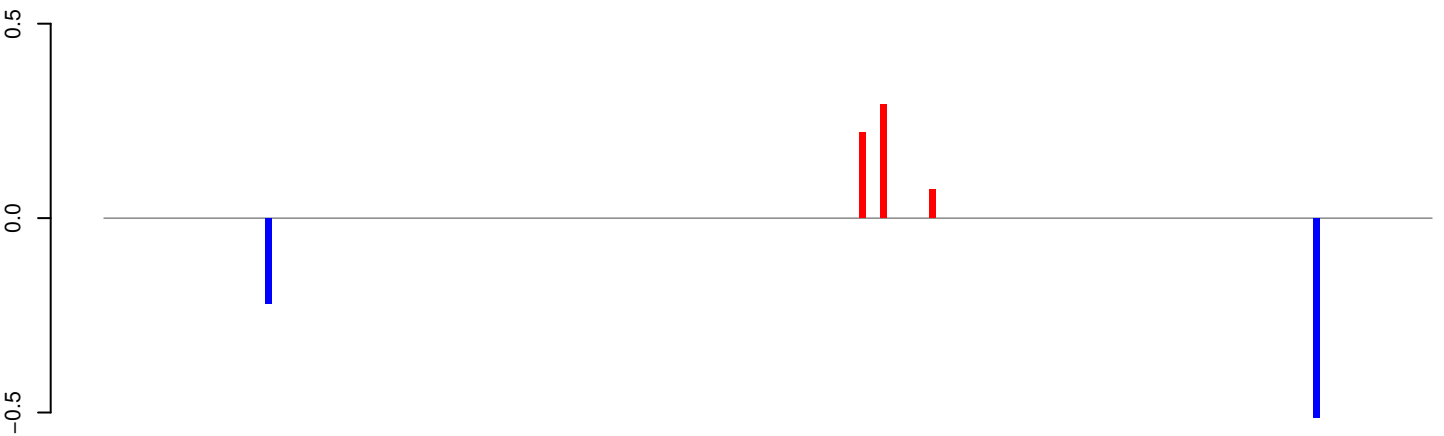


positive=12, negative=16, total=29

Window size=25, length=439, TE@TF000706-m8bp\_Ele4:1-439

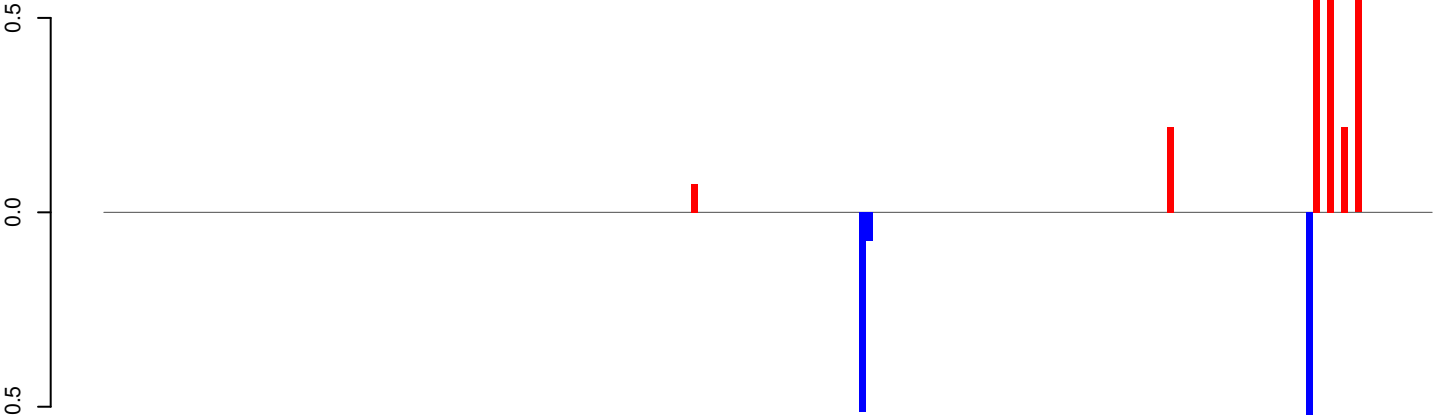
100 200 300 400

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



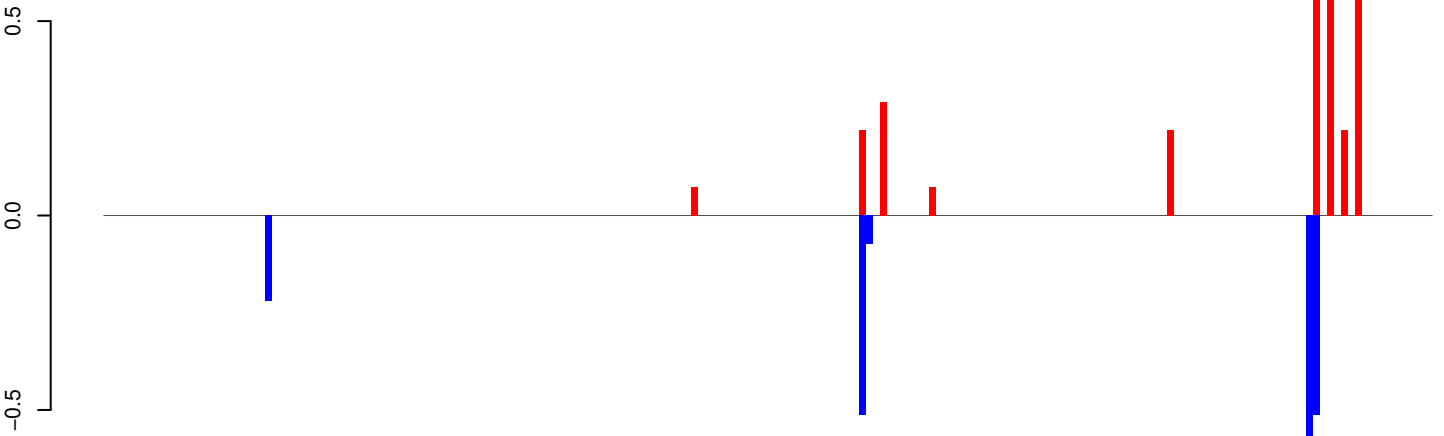
positive=1, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=3, negative=1, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



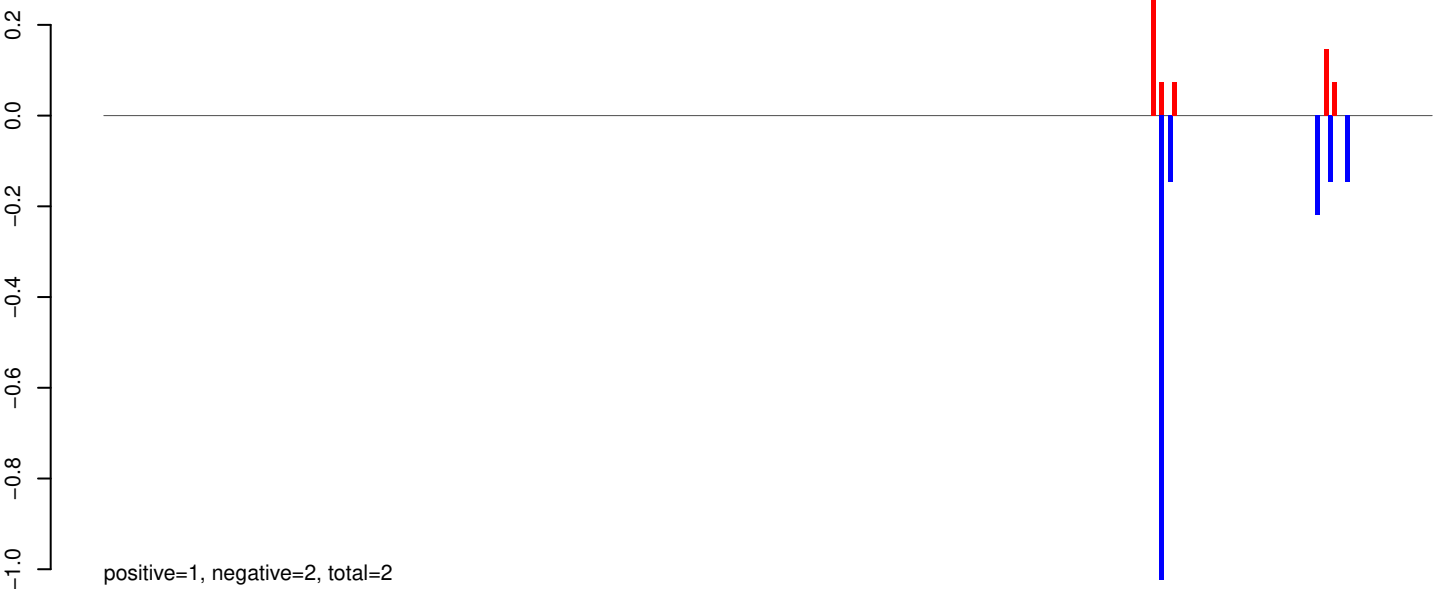
positive=3, negative=2, total=5

Window size=25, length=4733, TE@TF000705-Ty1\_copia\_Ele63:1-4733

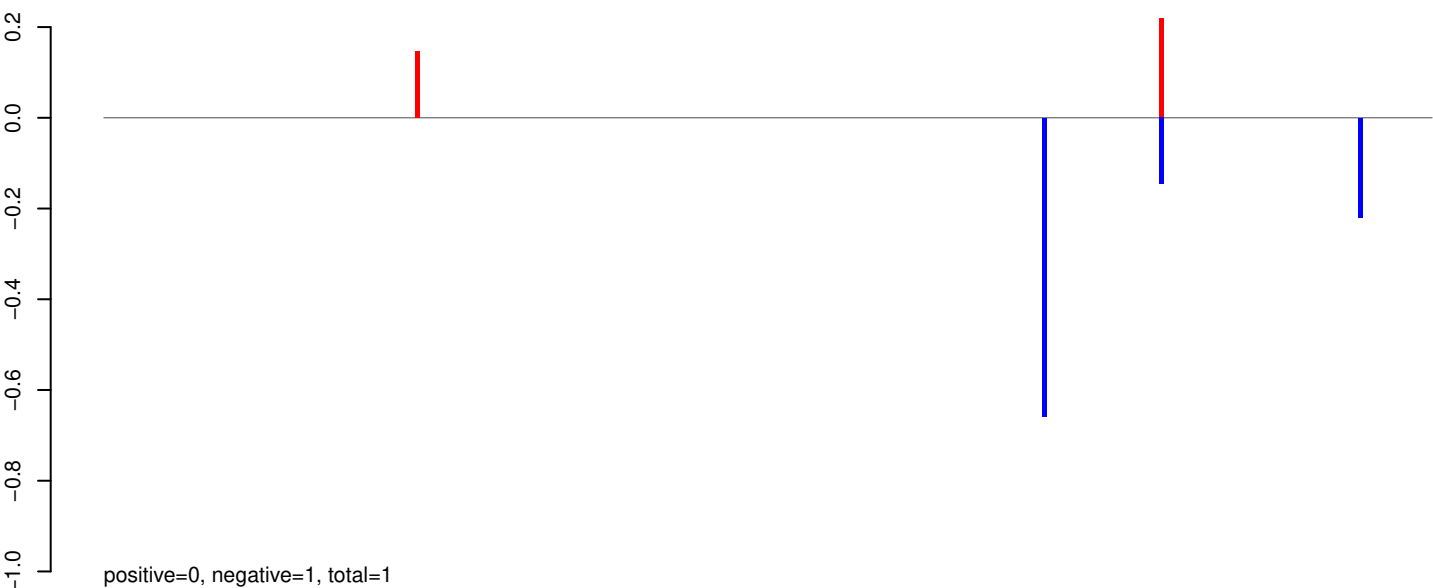
0 1000 2000 3000 4000



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



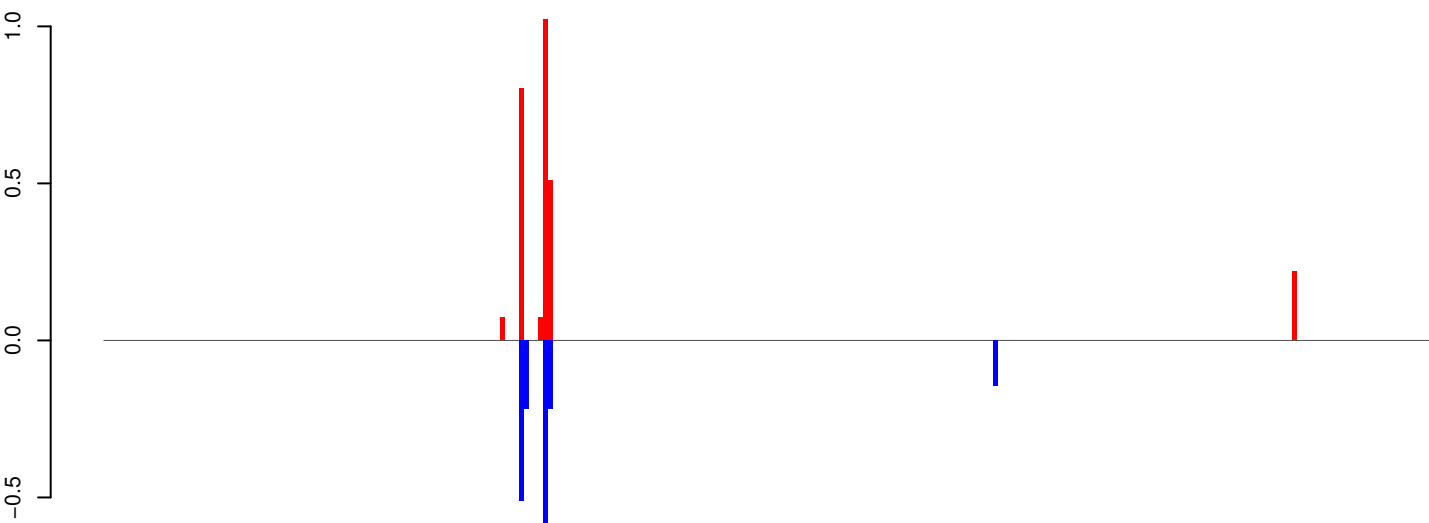
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

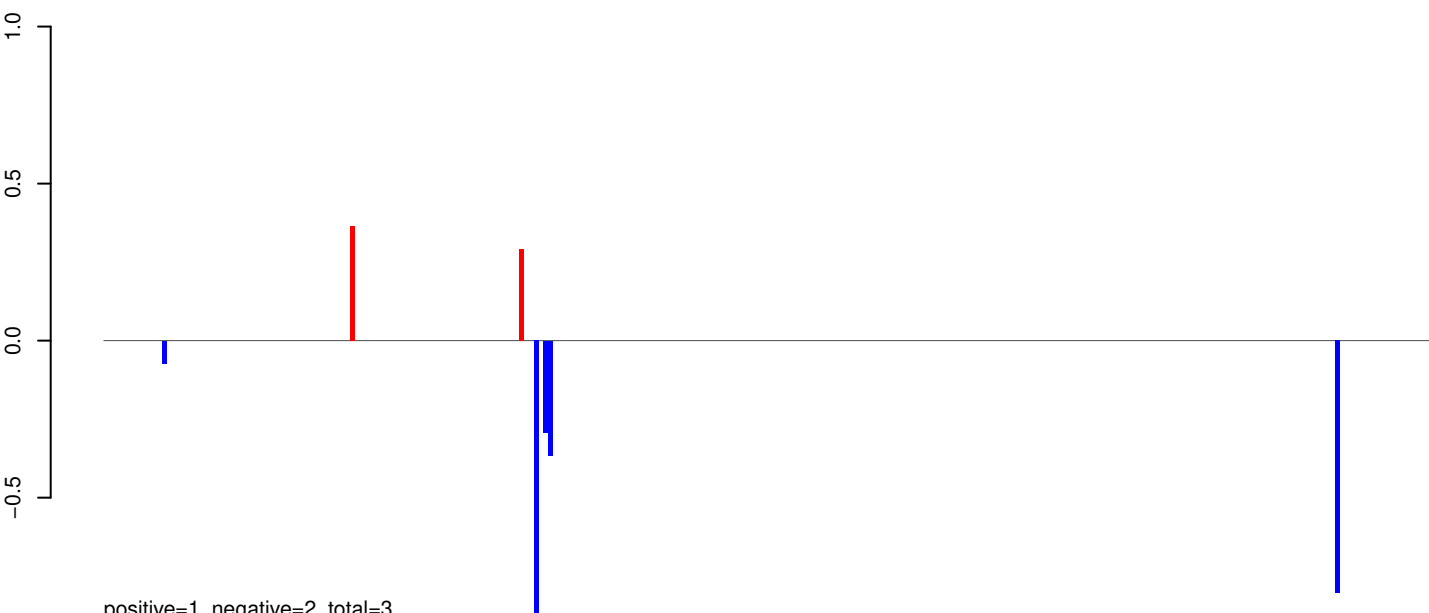


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



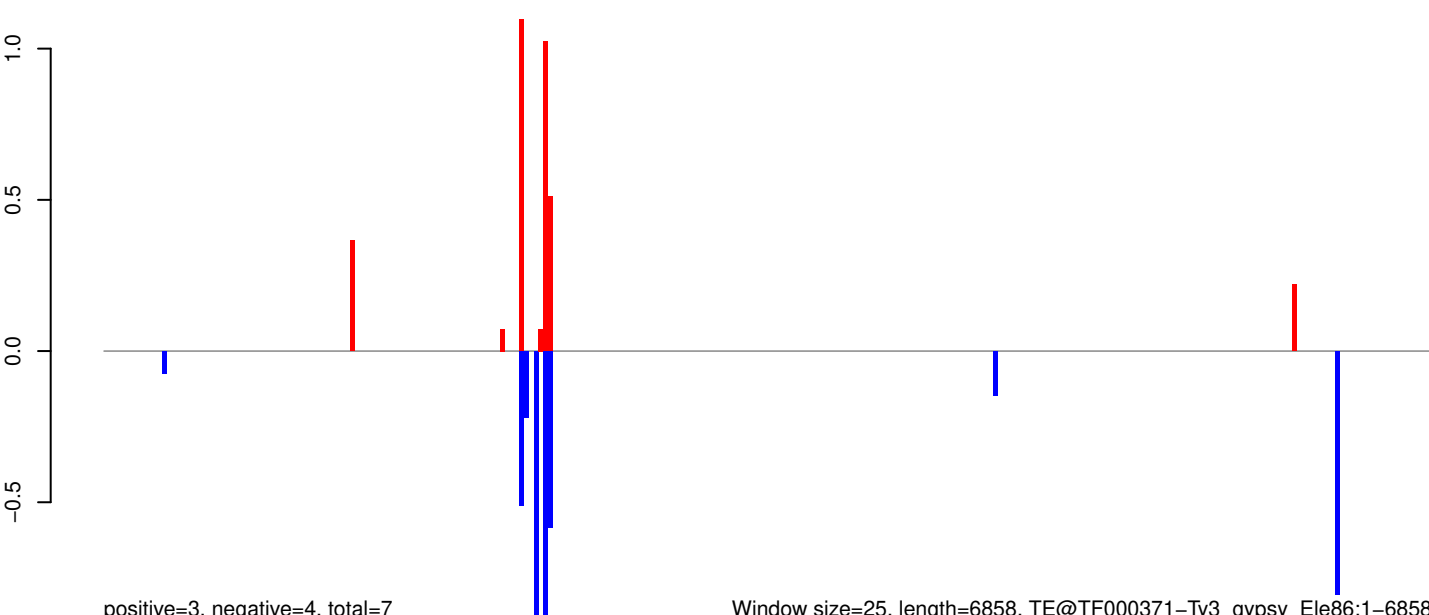
positive=3, negative=2, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



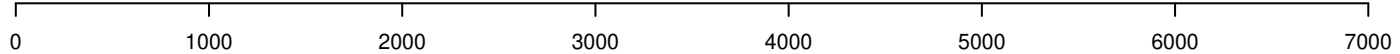
positive=1, negative=2, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

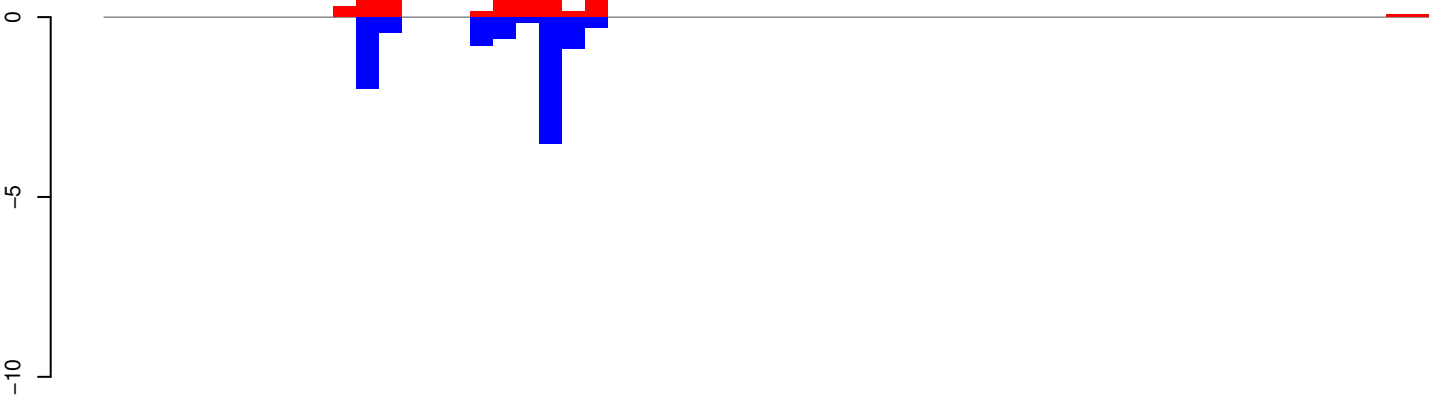


positive=3, negative=4, total=7

Window size=25, length=6858, TE@TF000371-Ty3\_gypsy\_Ele86:1-6858

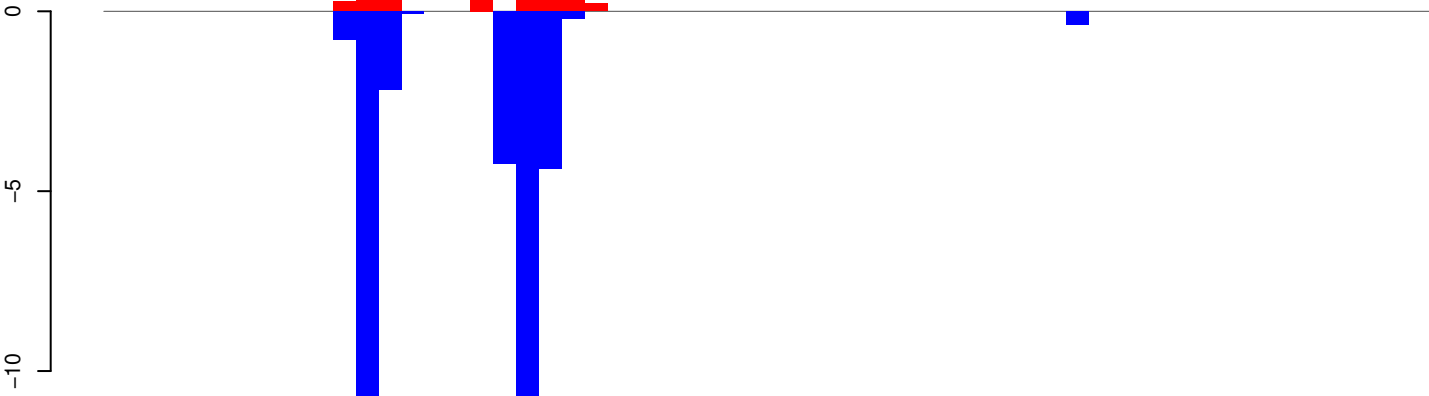


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



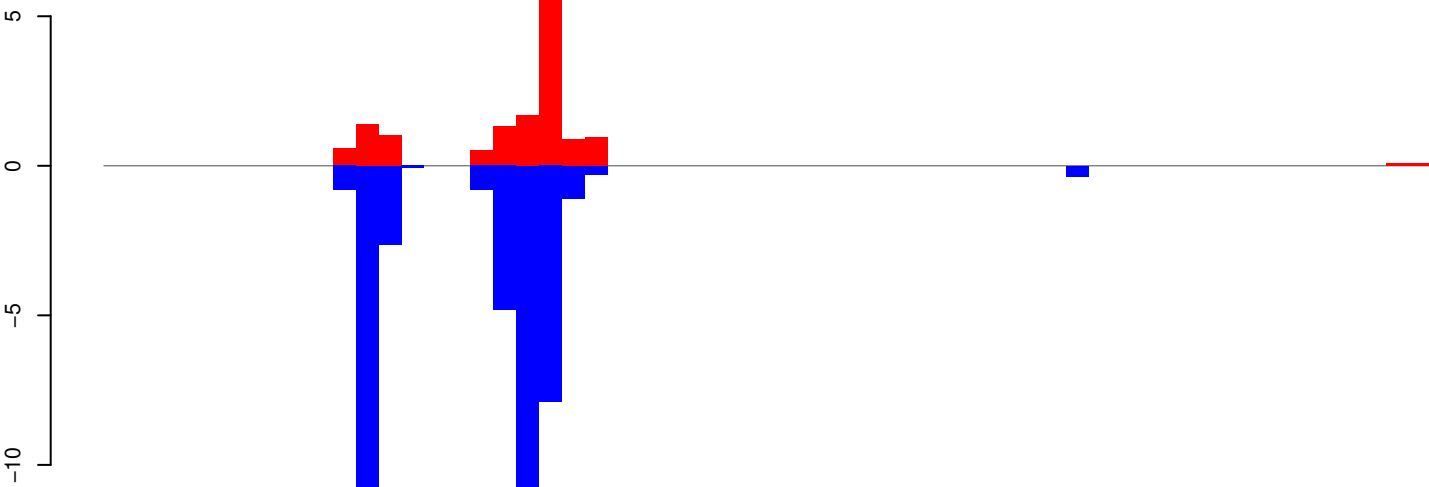
positive=7, negative=9, total=16

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=8, negative=36, total=44

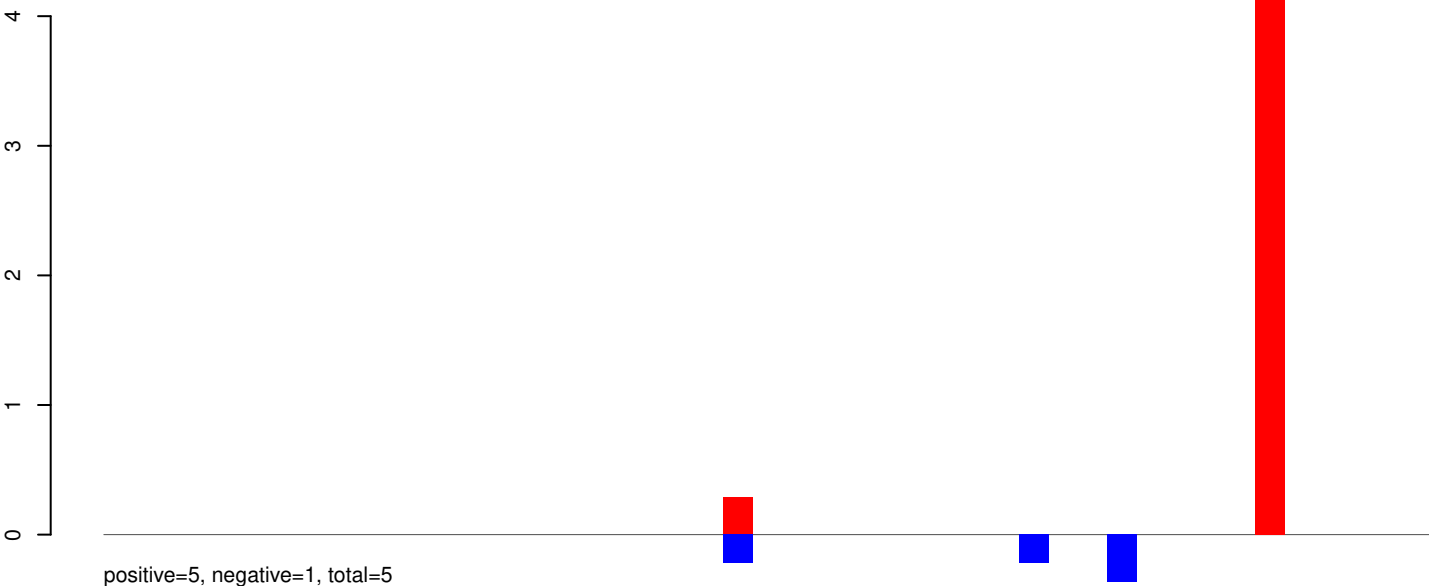
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



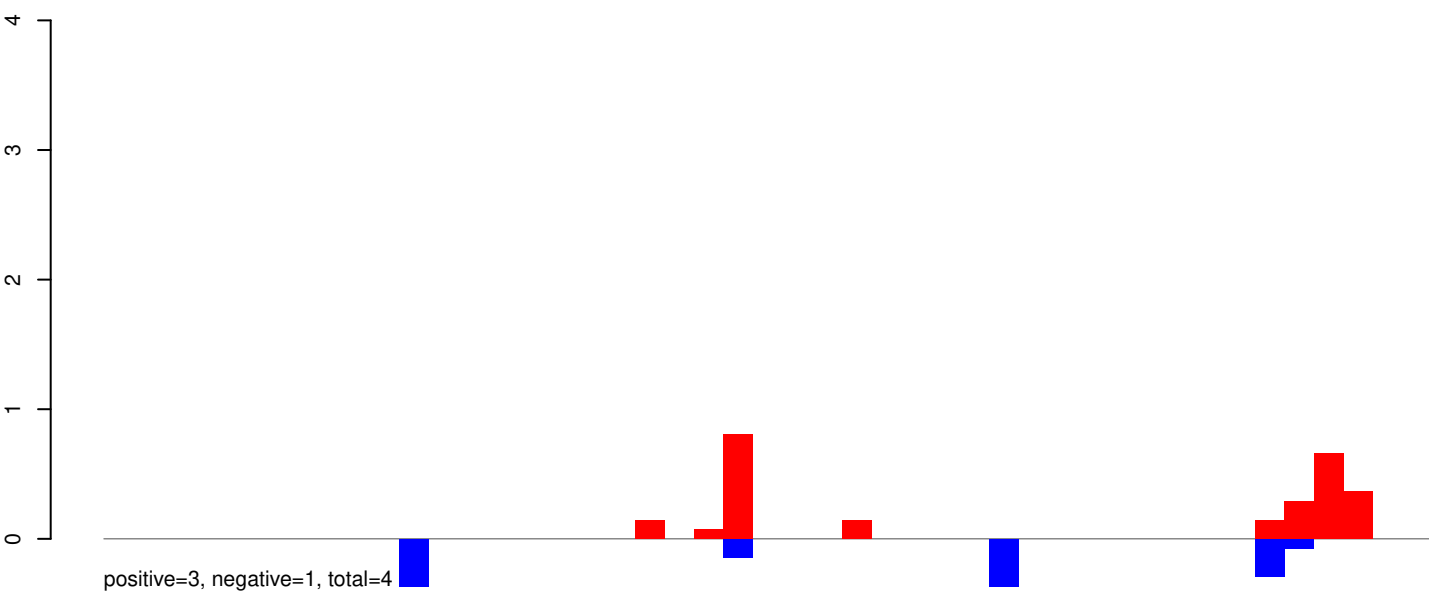
positive=15, negative=45, total=60

Window size=25, length=1444, TE@R=818-UNKNOWN:1-1444

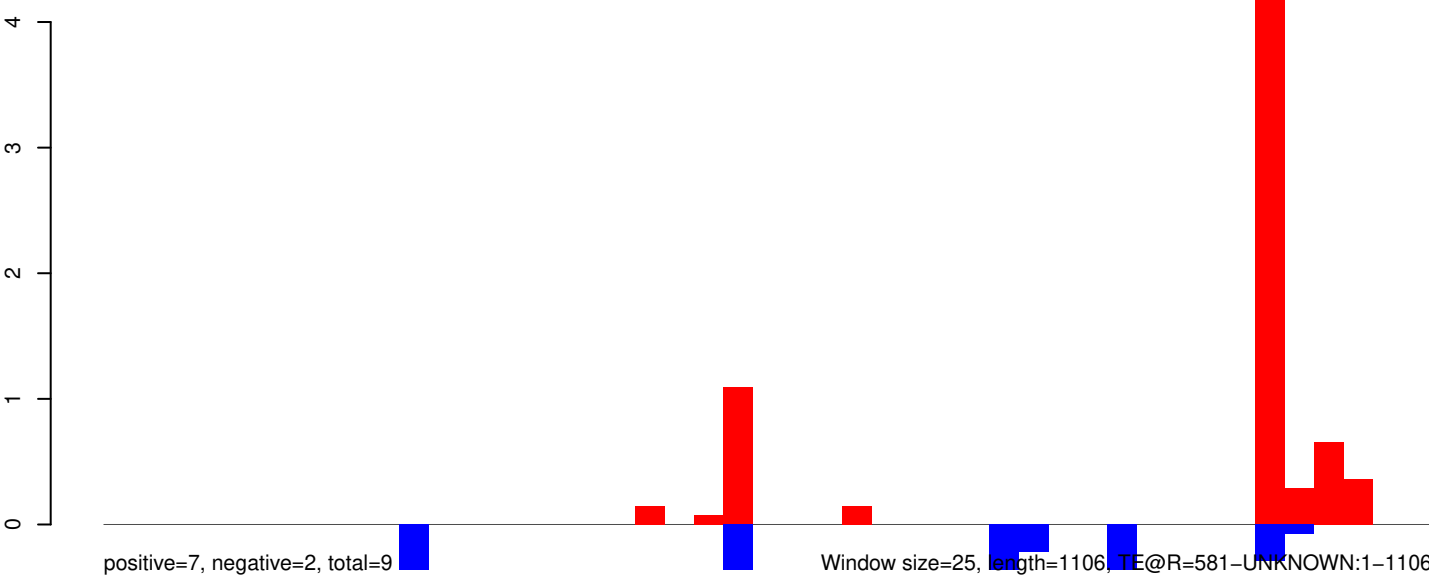
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



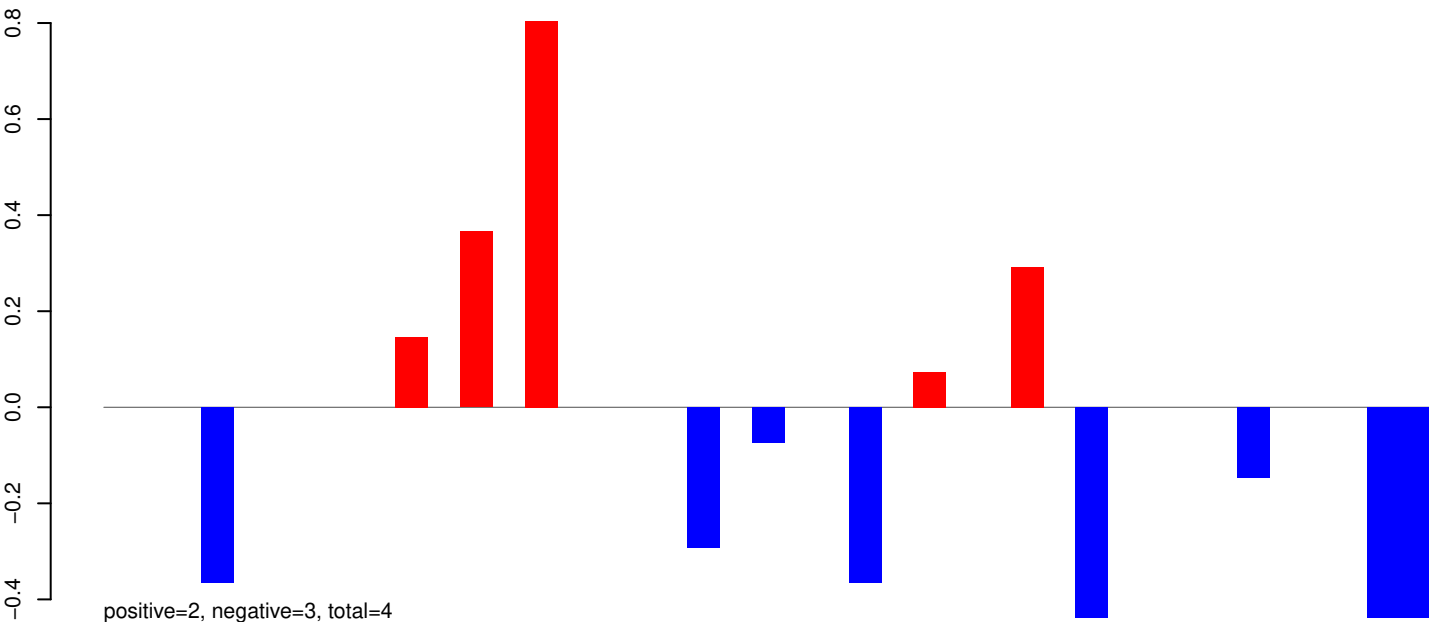
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



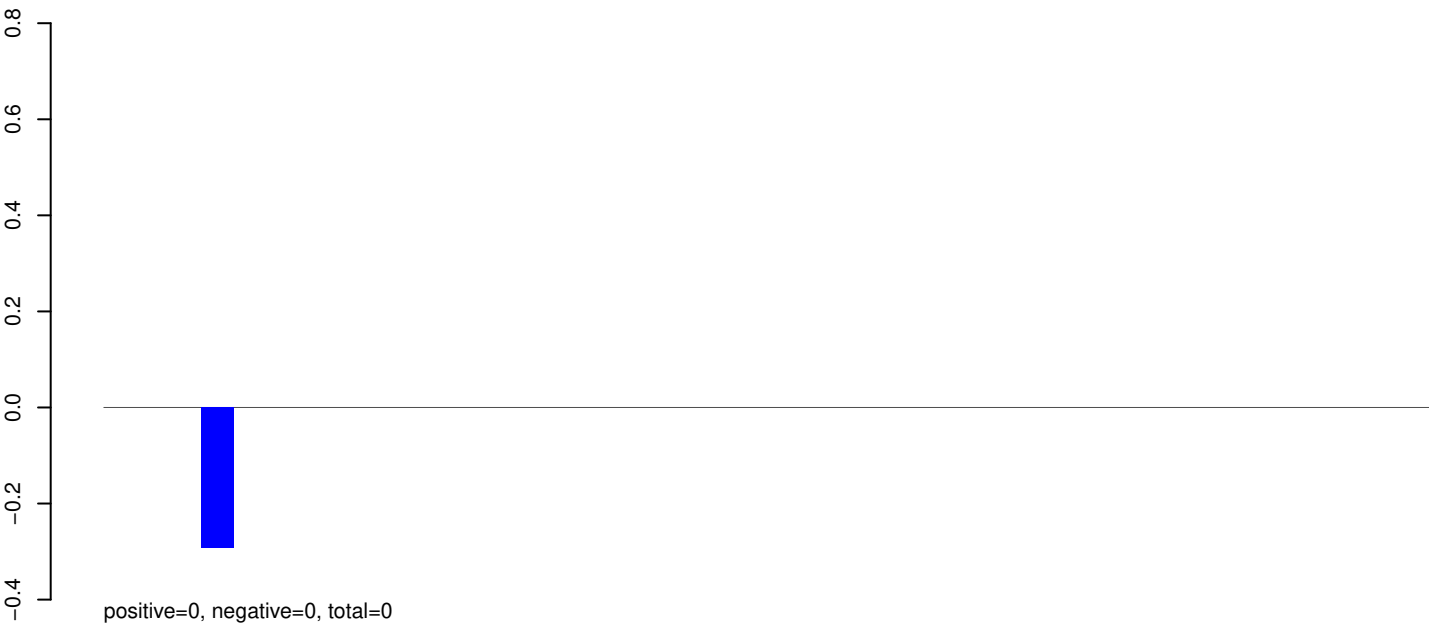
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



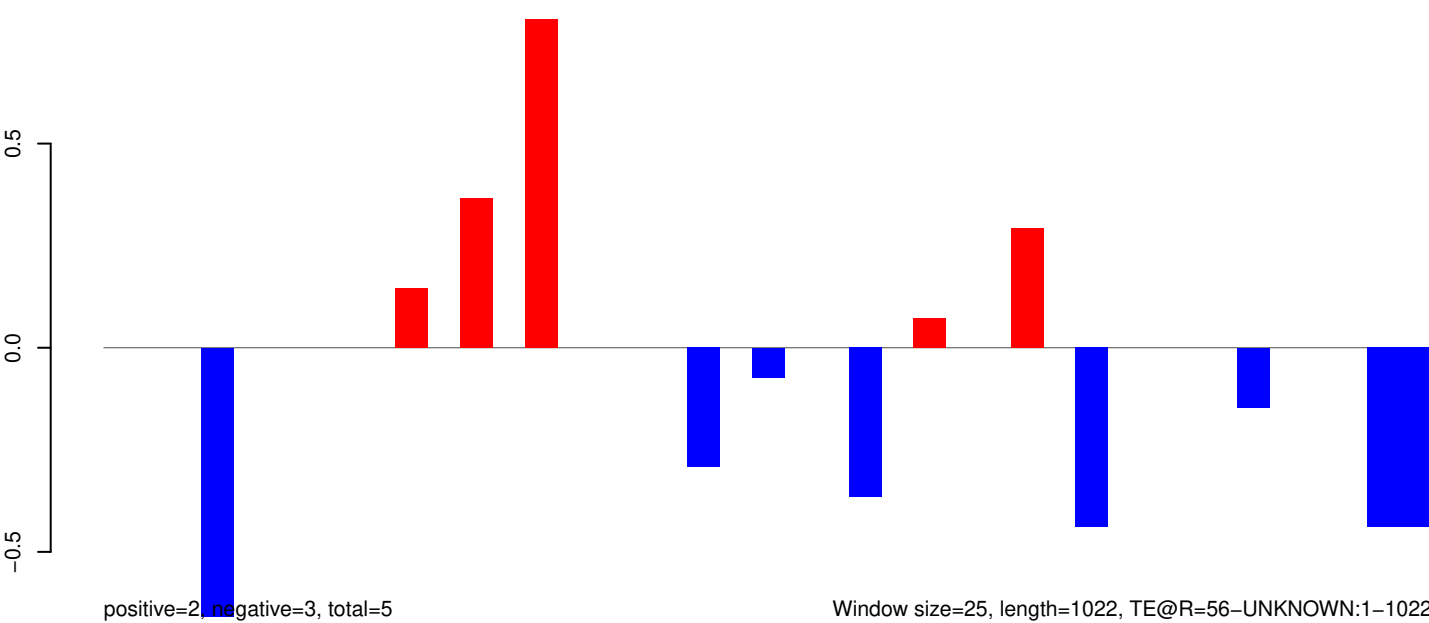
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



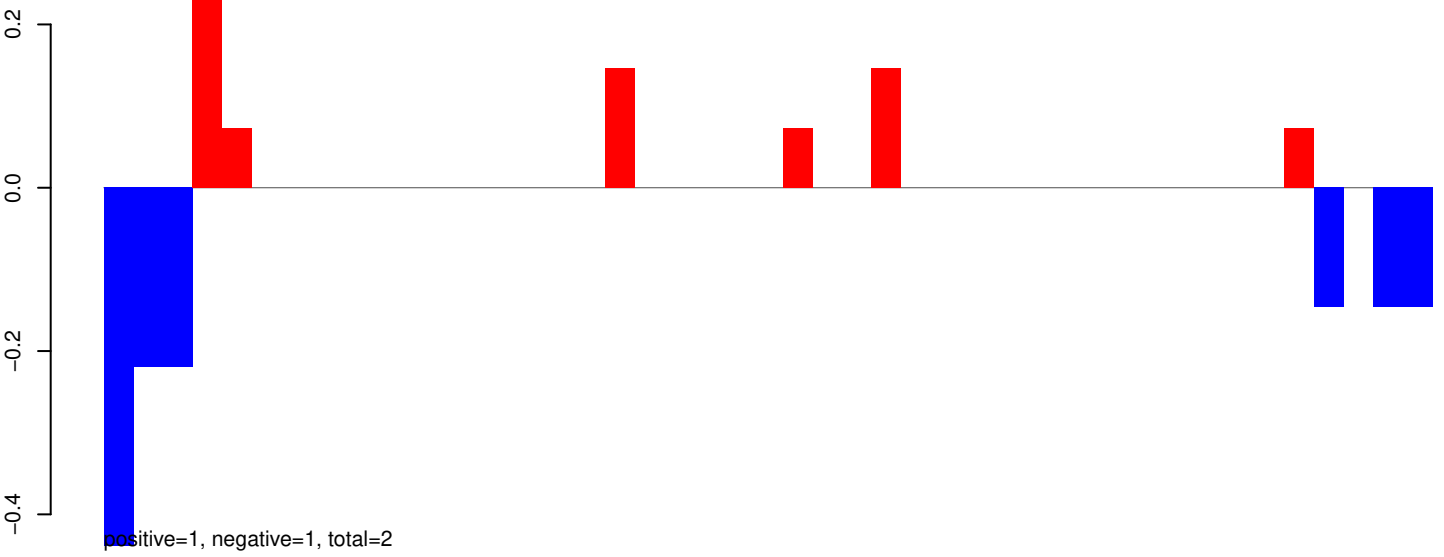
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



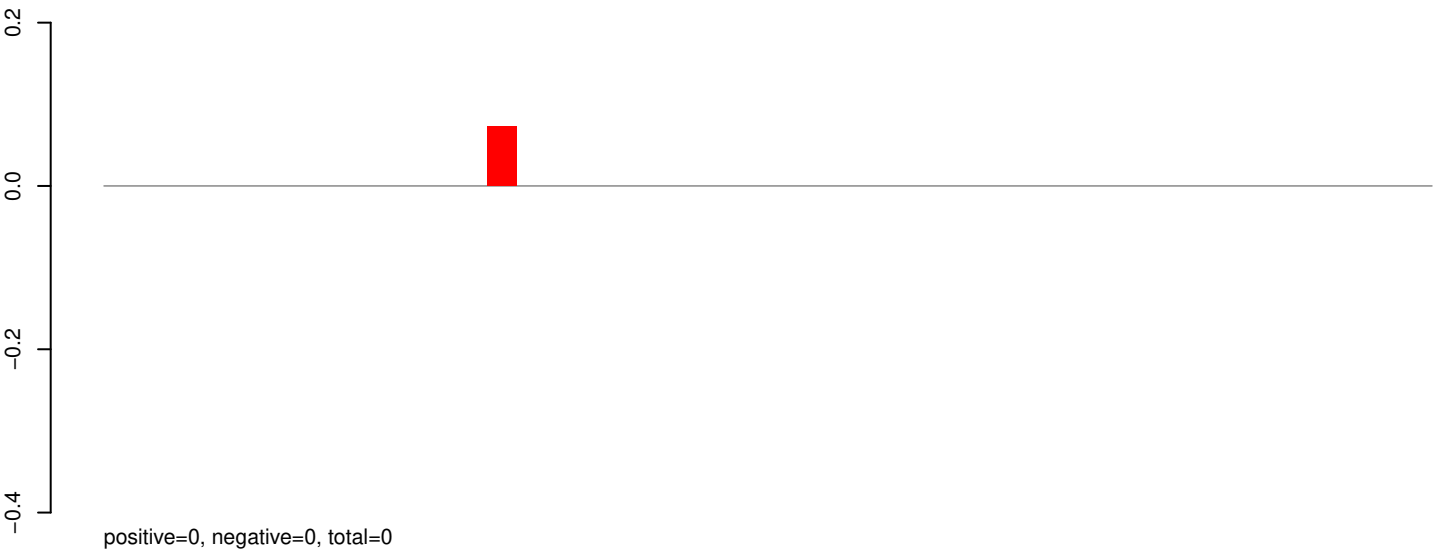
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



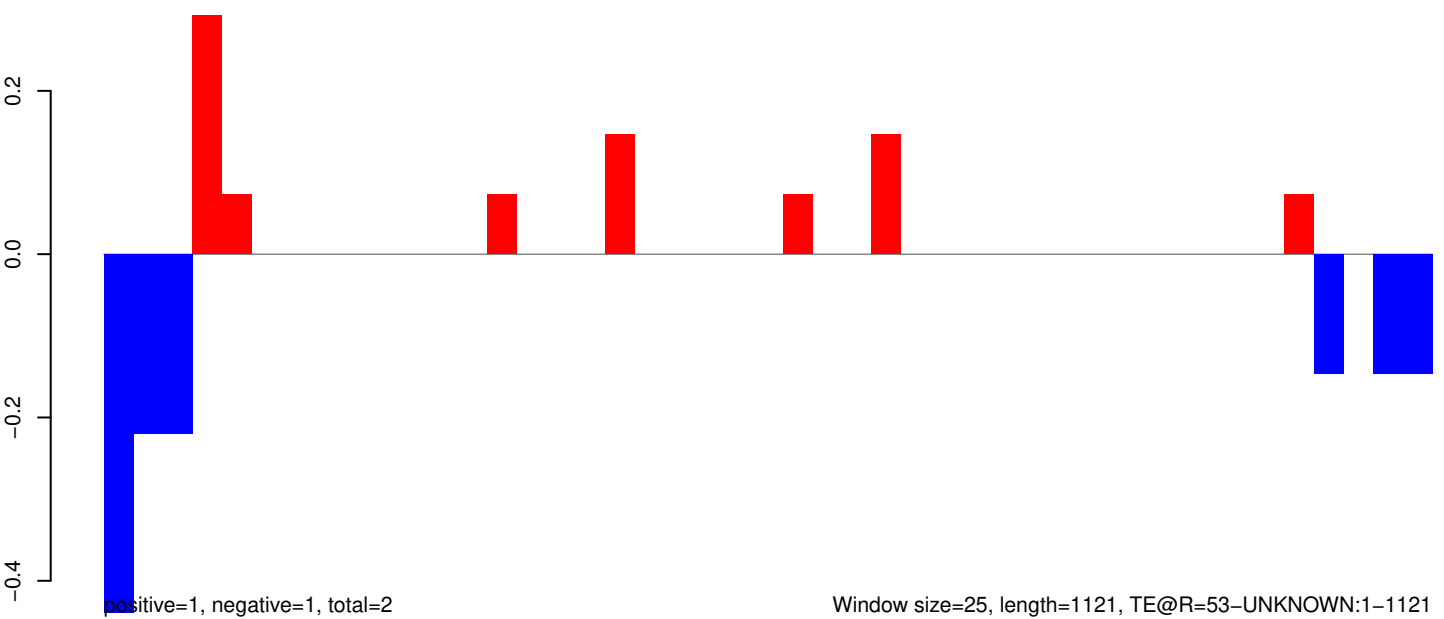
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



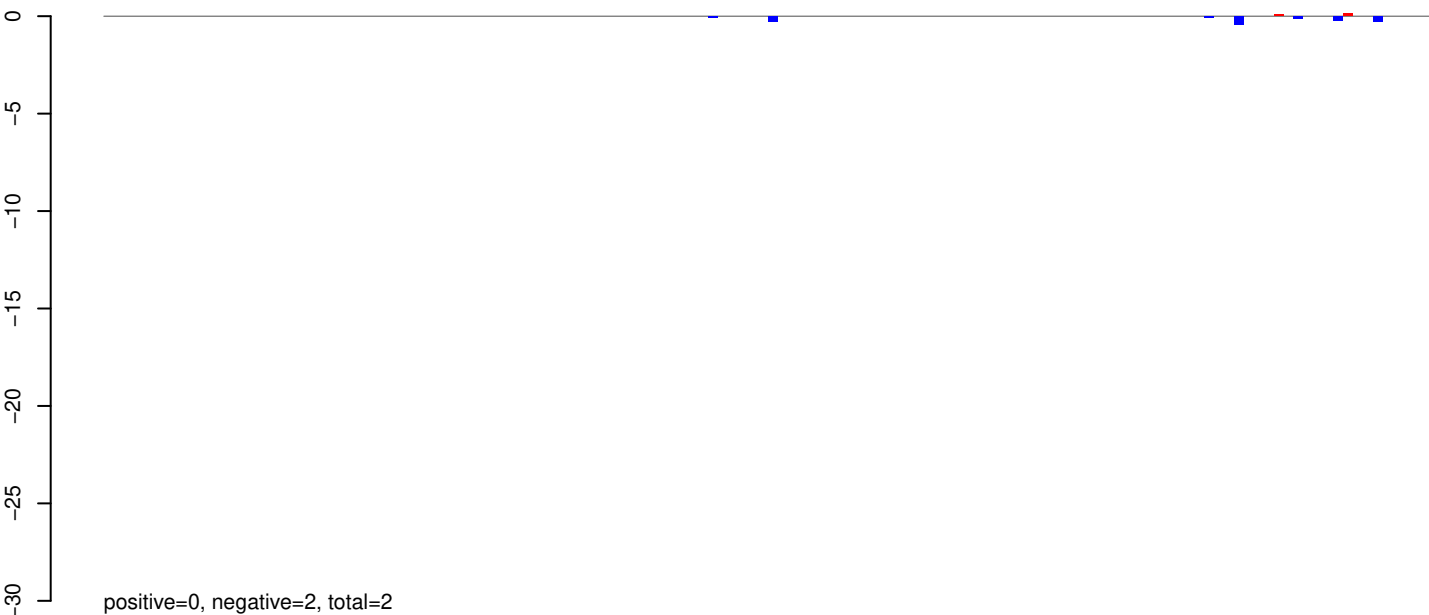
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



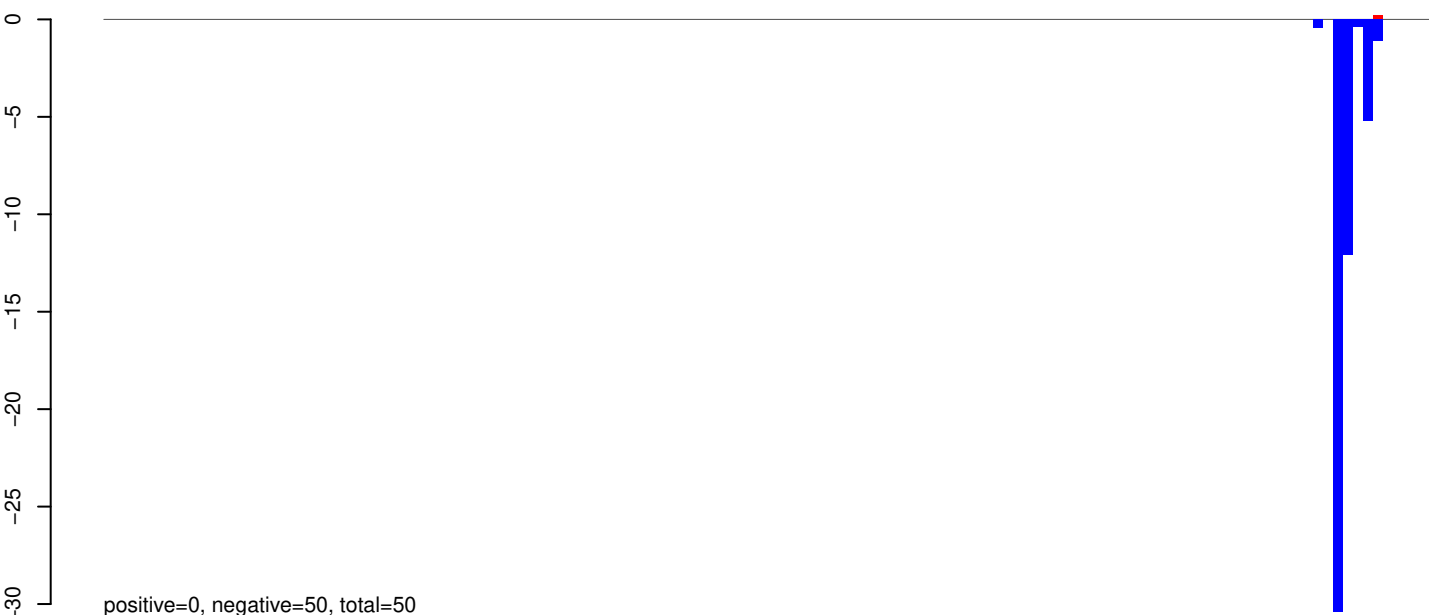
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



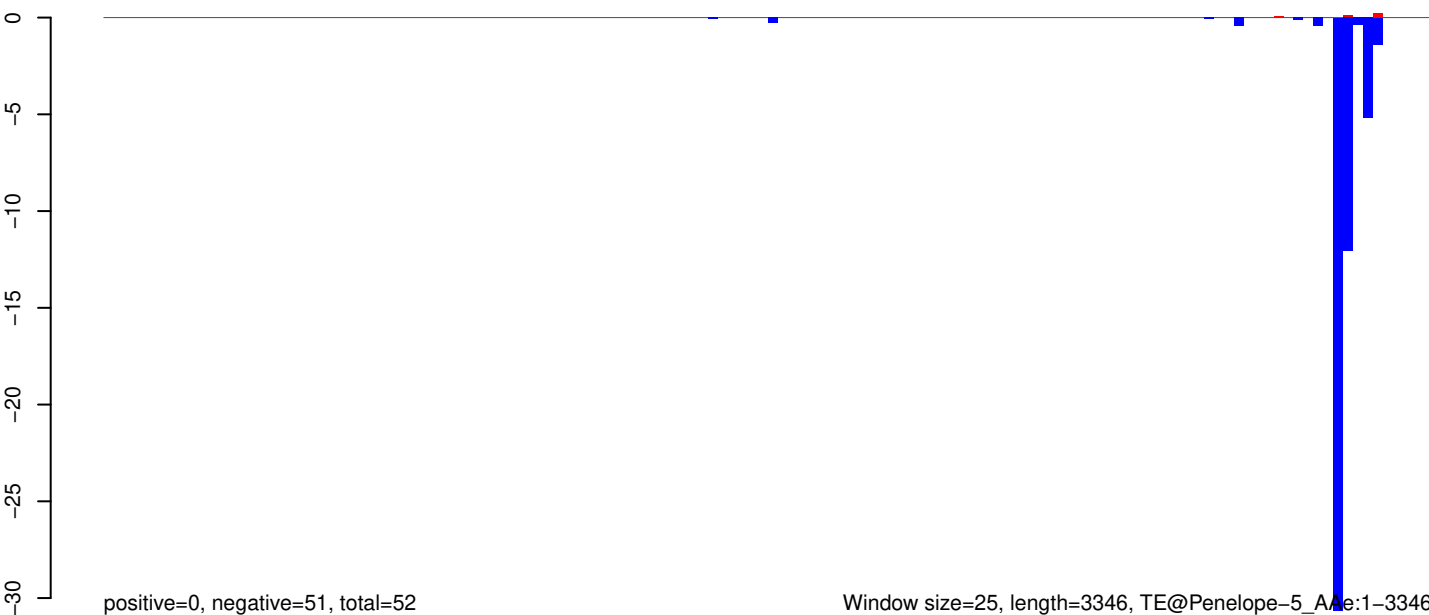
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

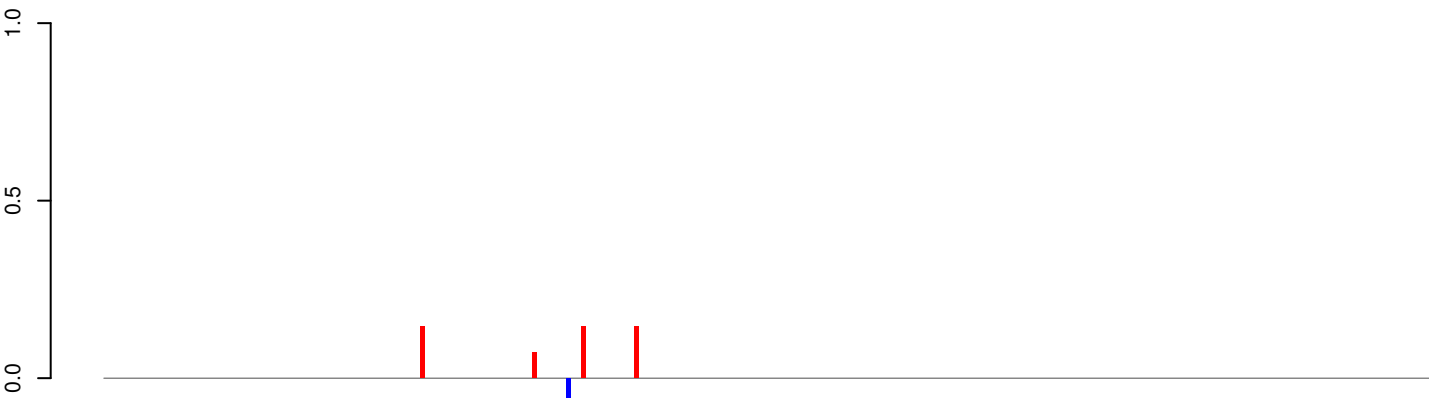


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

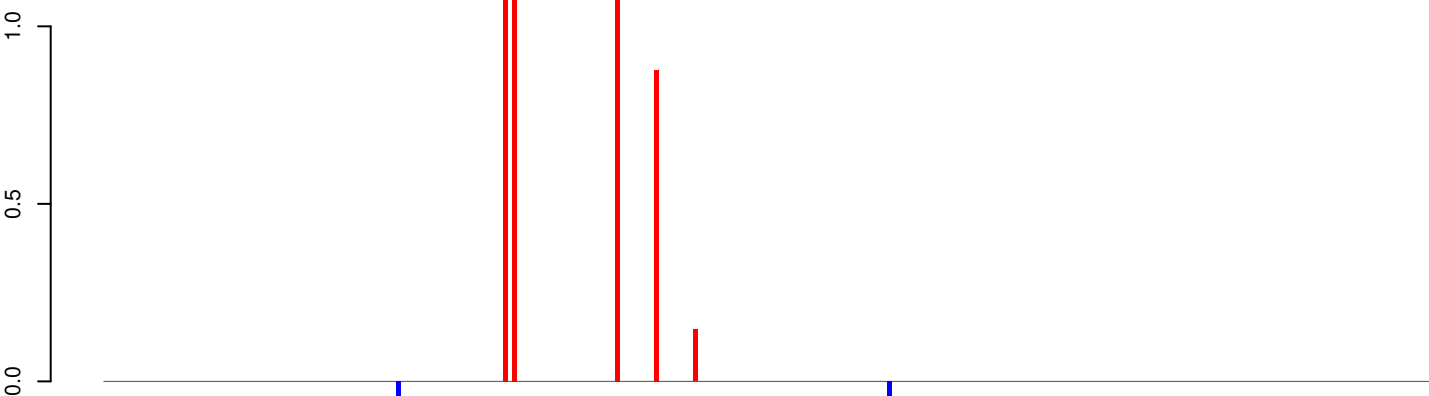


Window size=25, length=3346, TE@Penelope-5\_AAg:1-3346

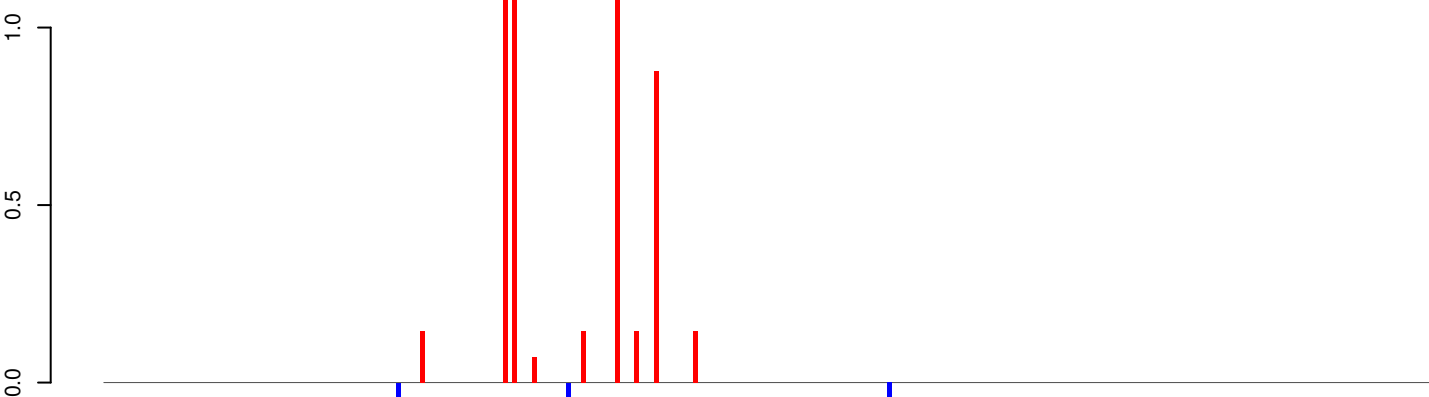
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

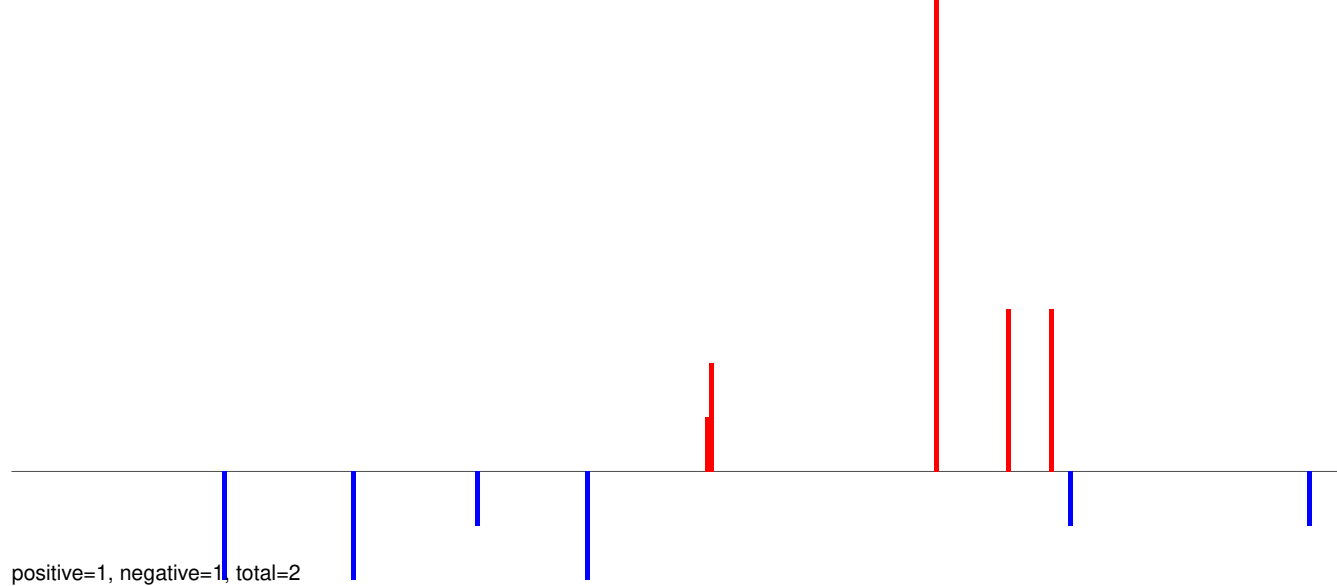


Window size=25, length=6823, TE@I\_Ele43:1-6823

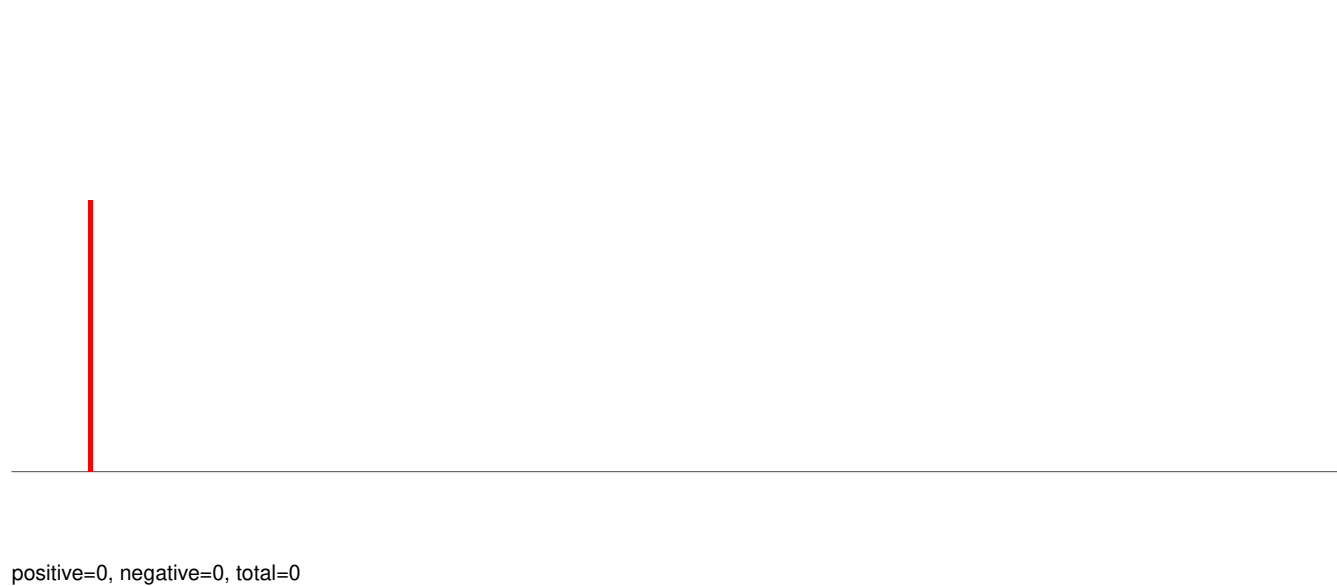
0 1000 2000 3000 4000 5000 6000 7000



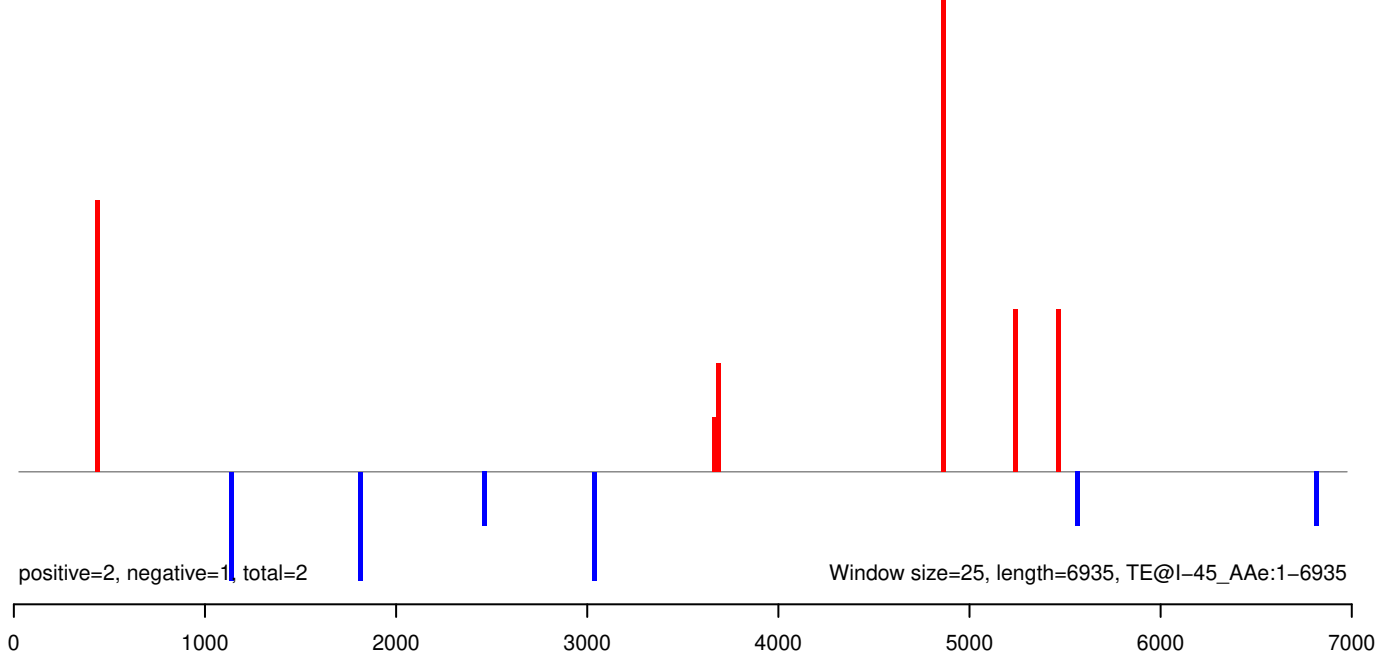
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



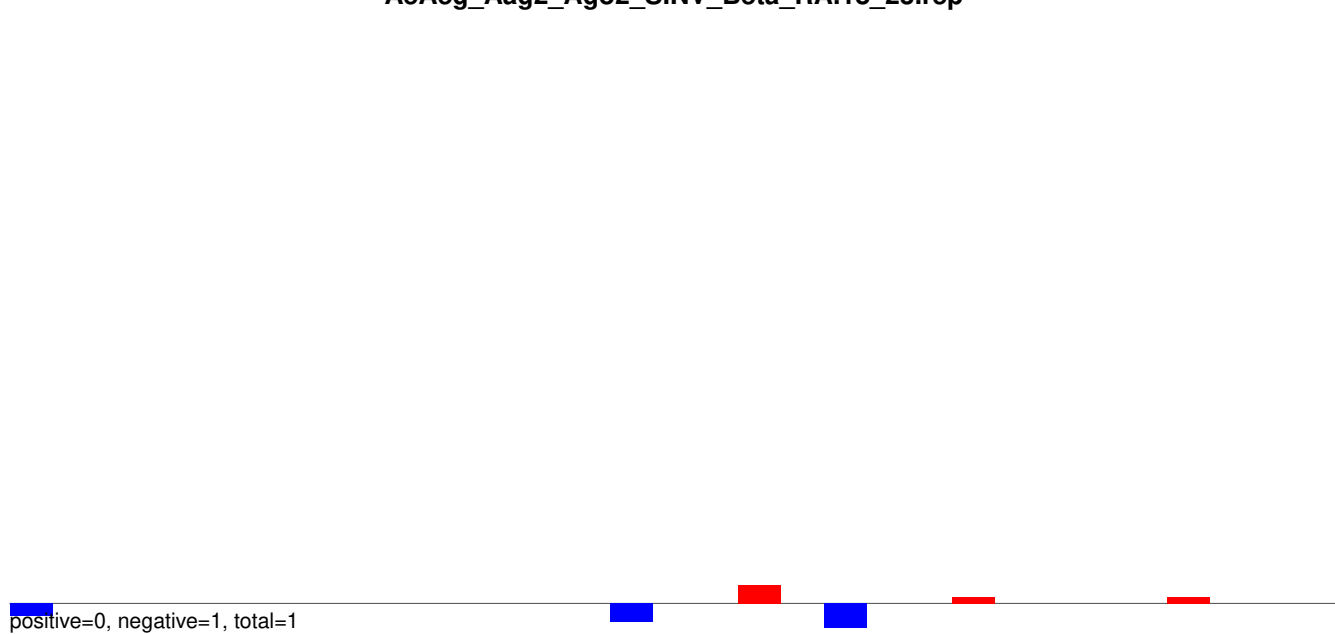
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



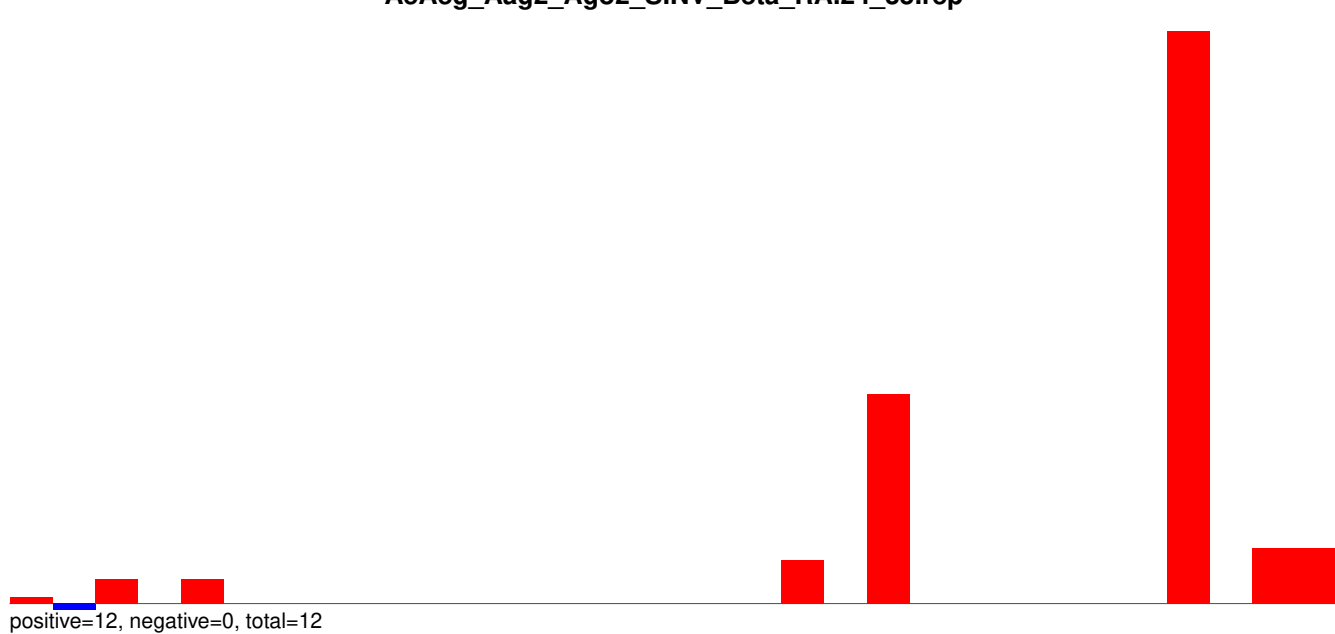
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



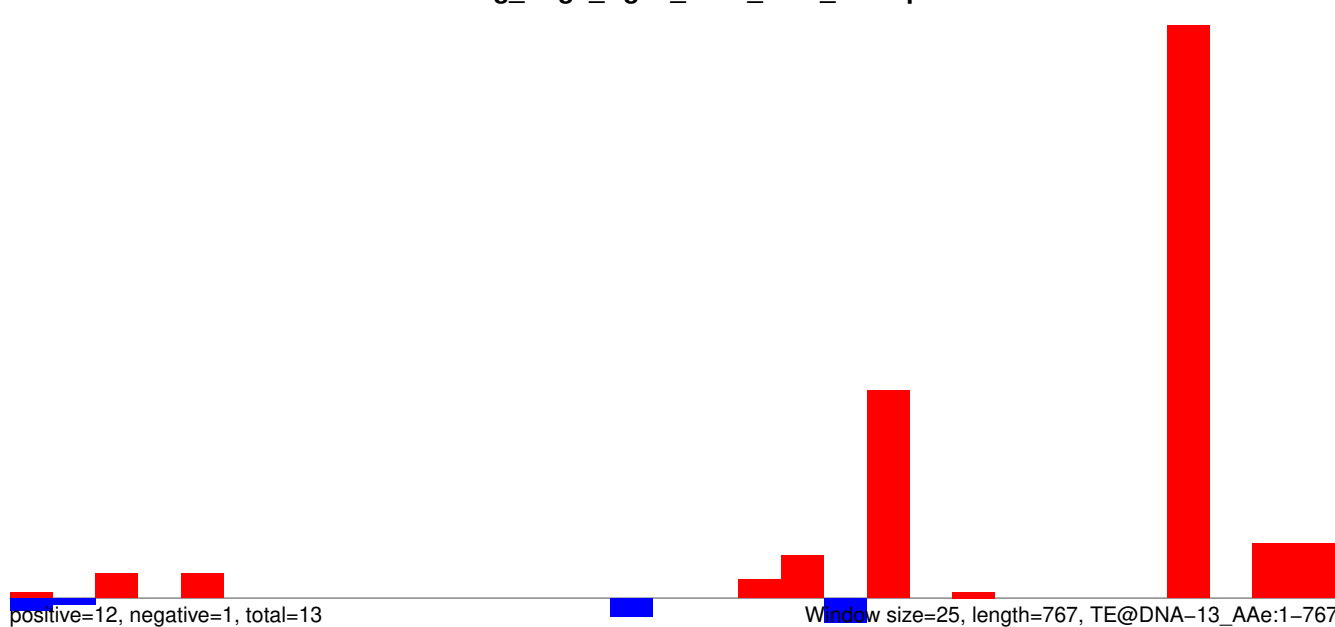
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



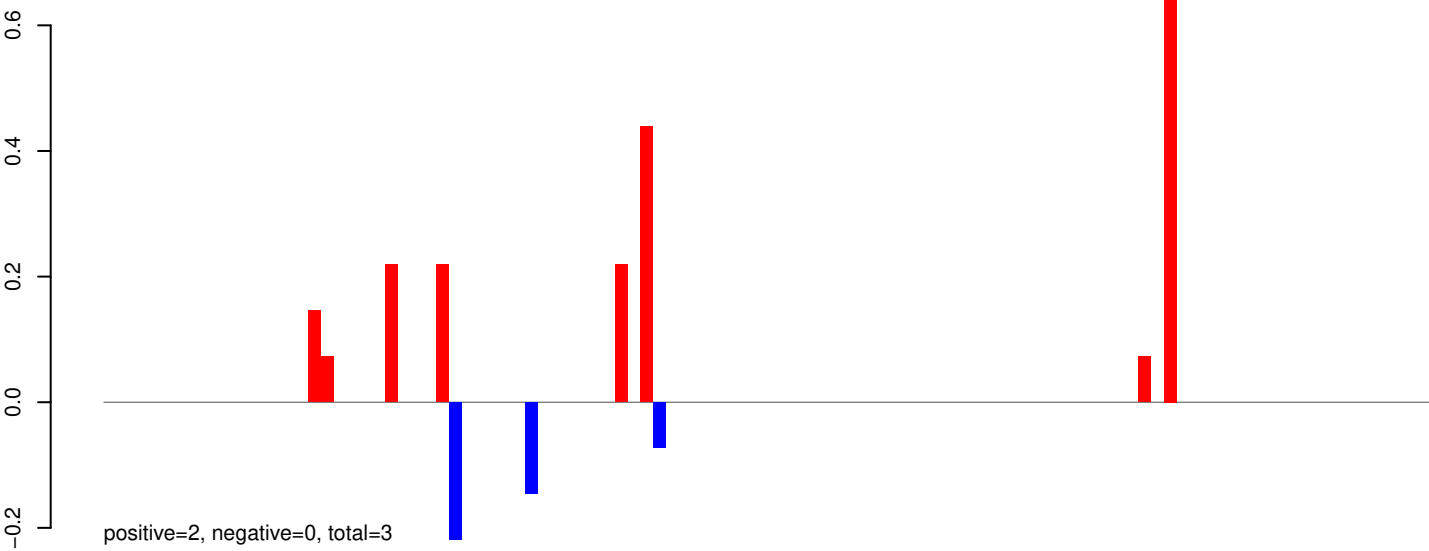
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



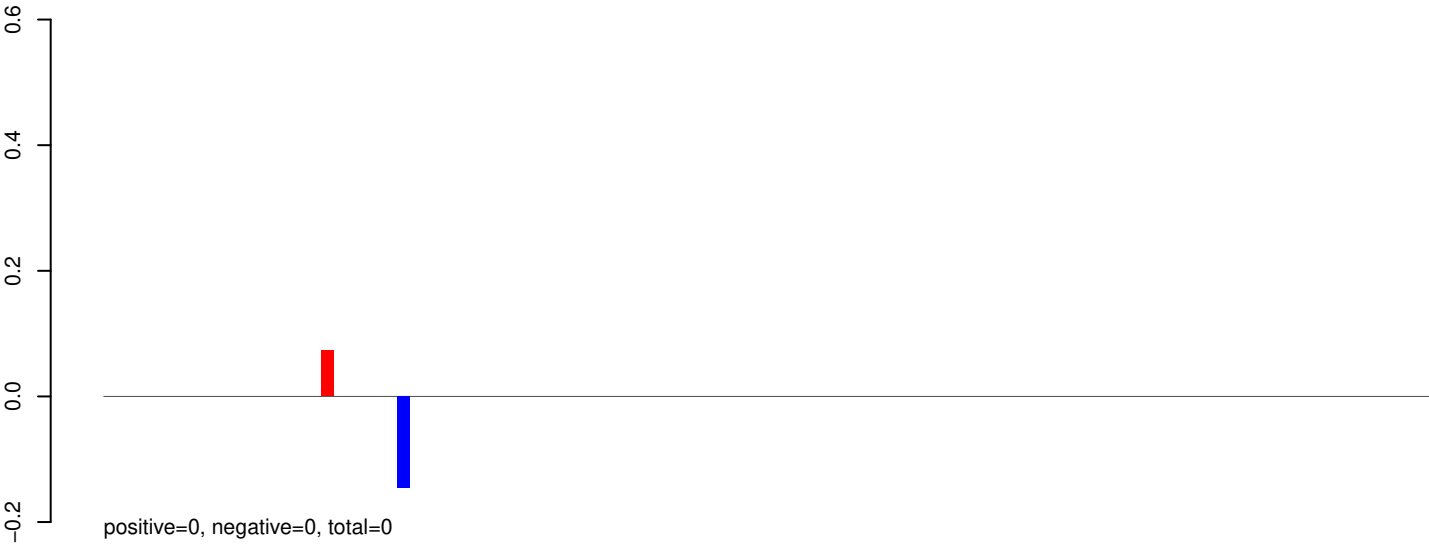
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



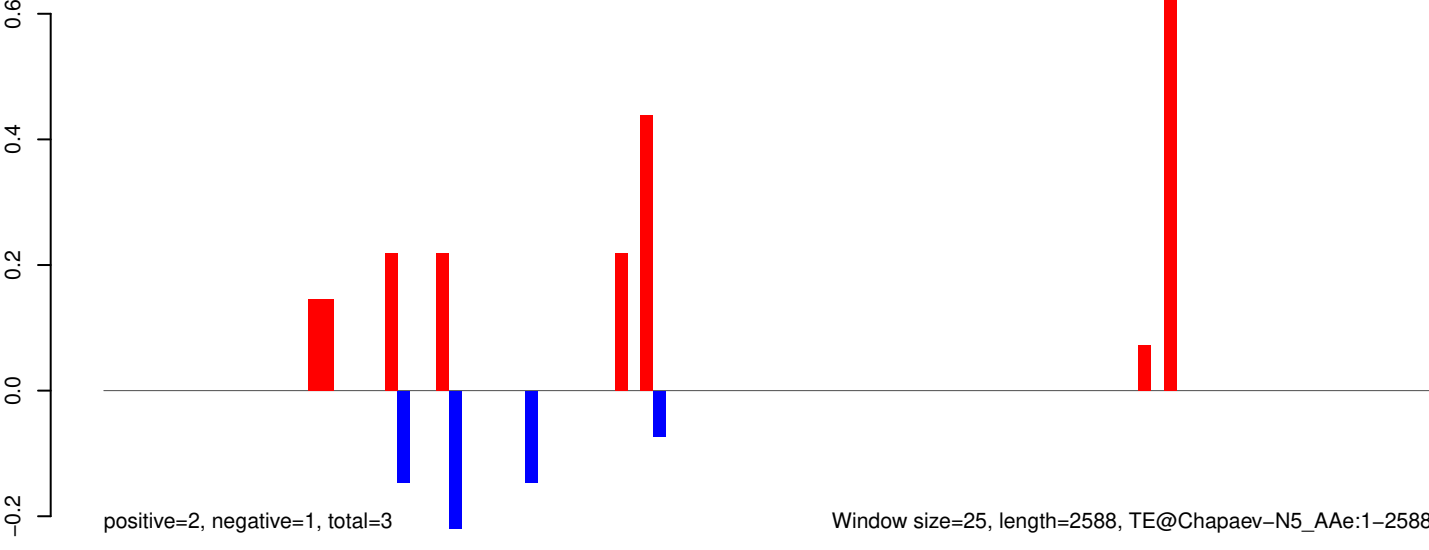
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



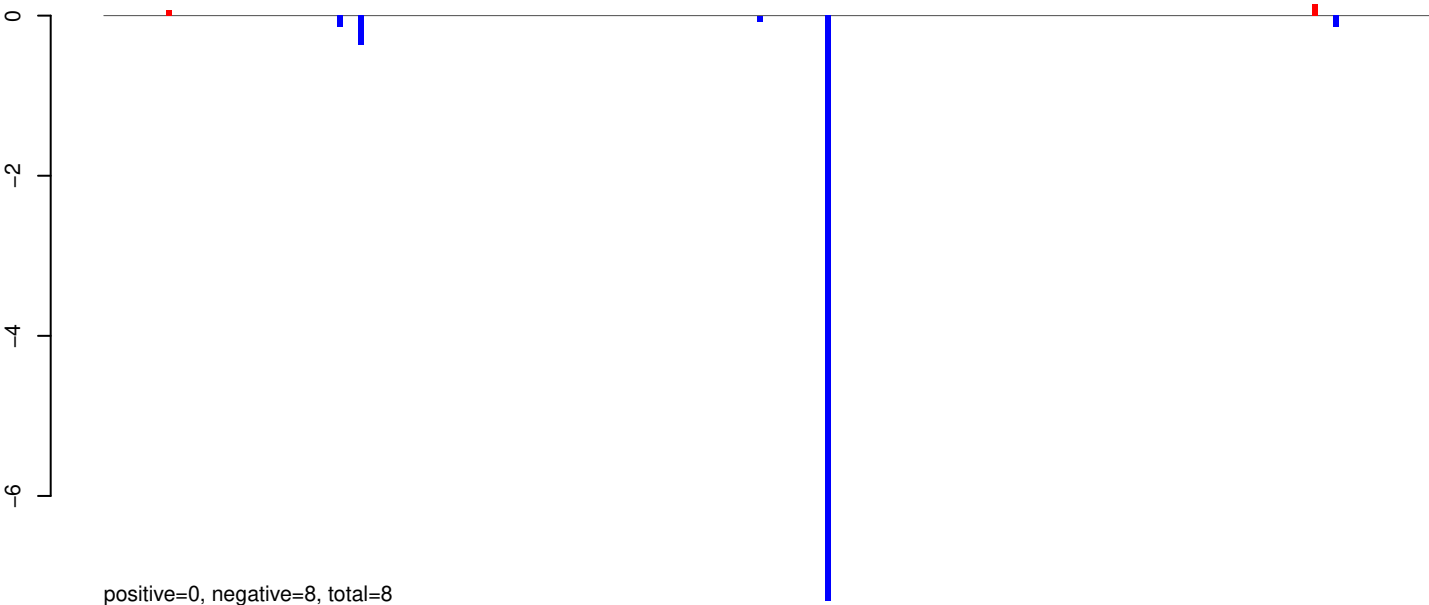
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

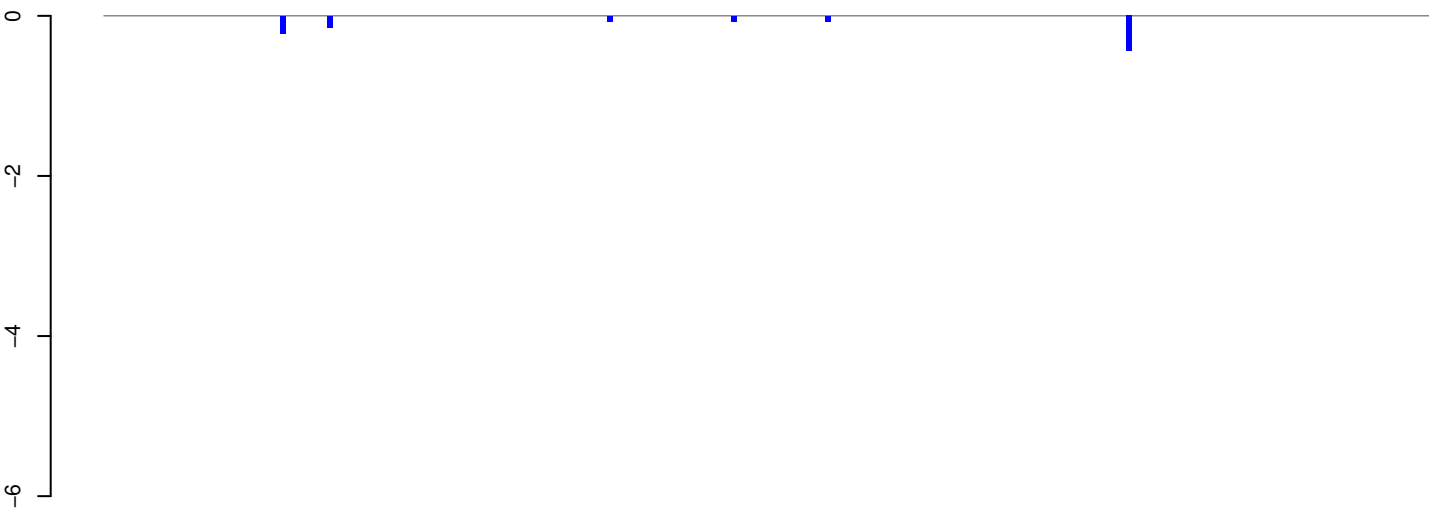


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



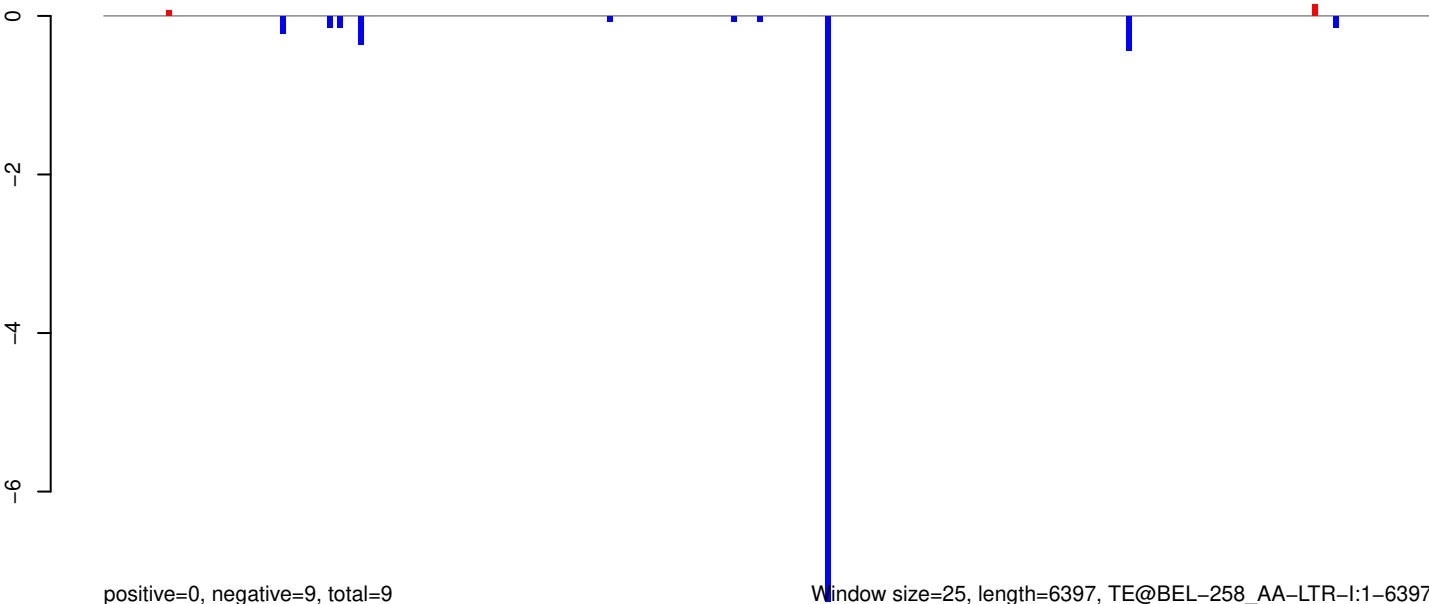
positive=0, negative=8, total=8

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

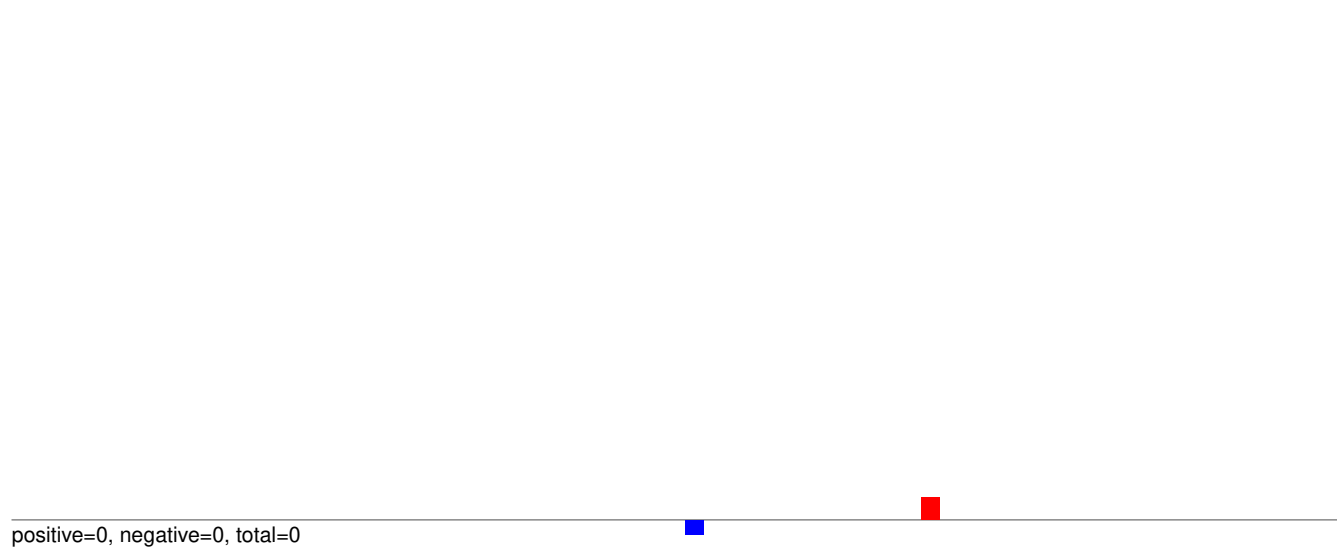


positive=0, negative=9, total=9

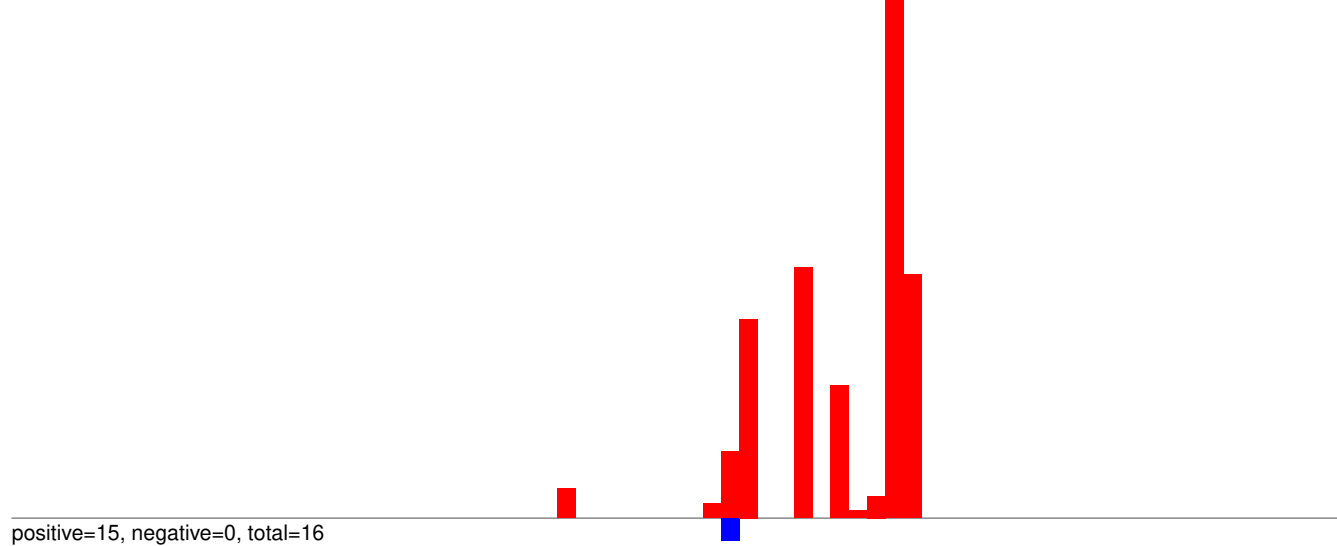
Window size=25, length=6397, TE@BEL-258\_AA-LTR-I:1-6397

0 1000 2000 3000 4000 5000 6000

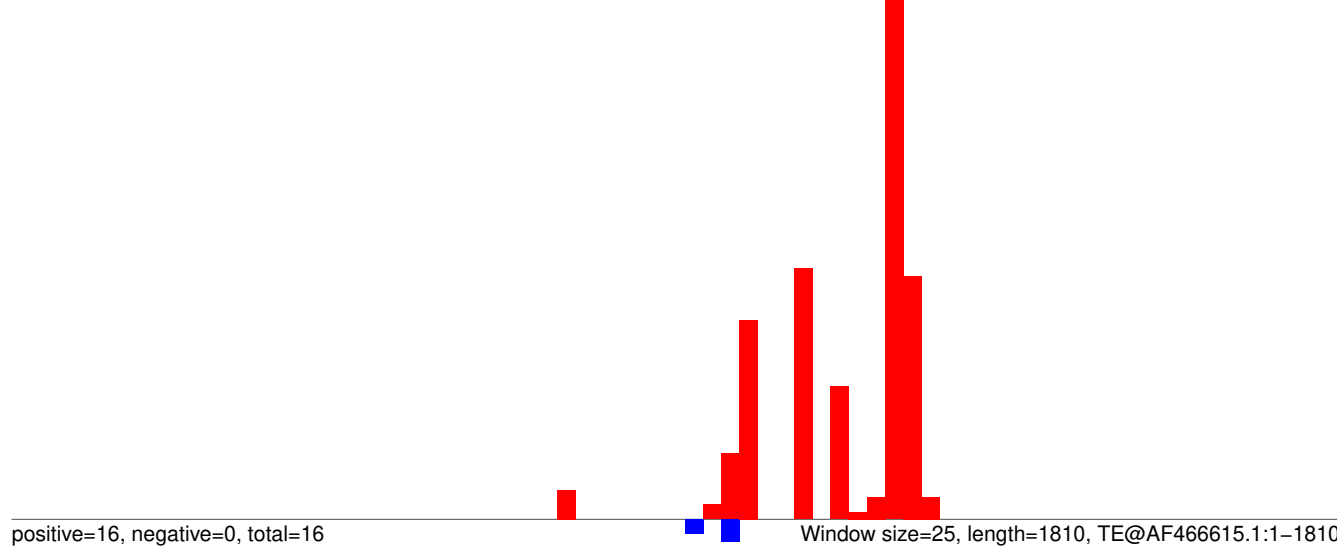
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



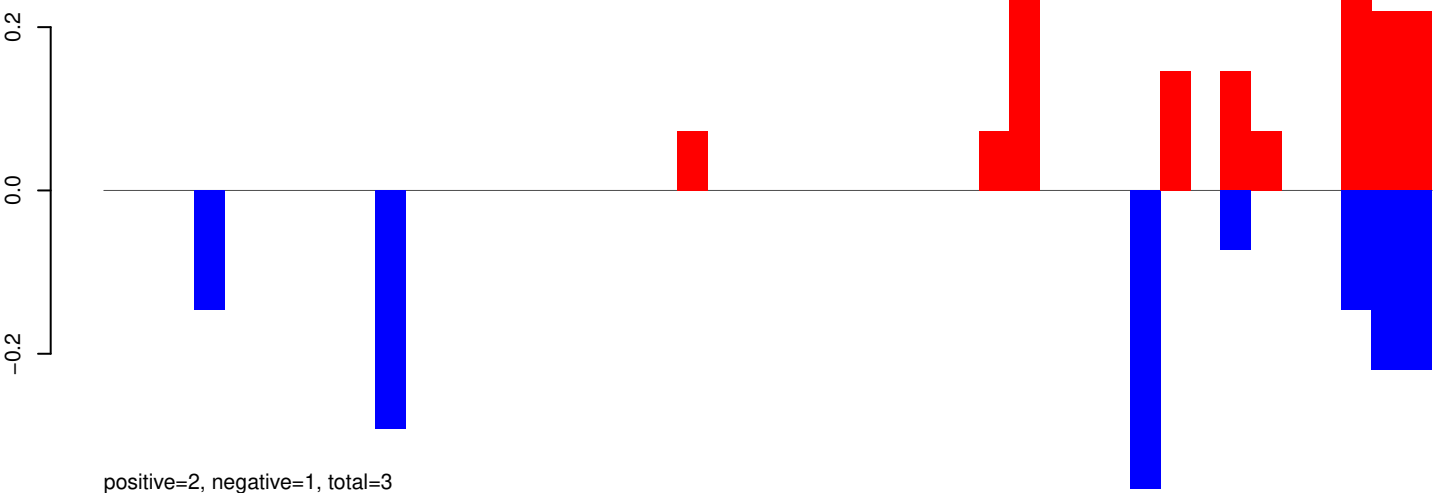
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



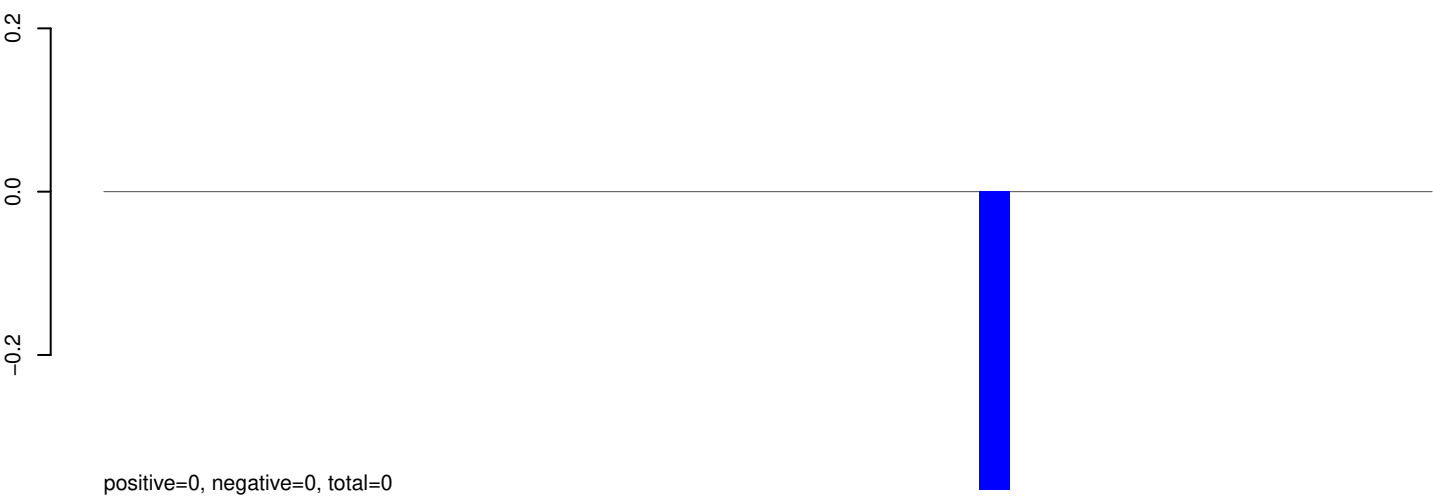
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



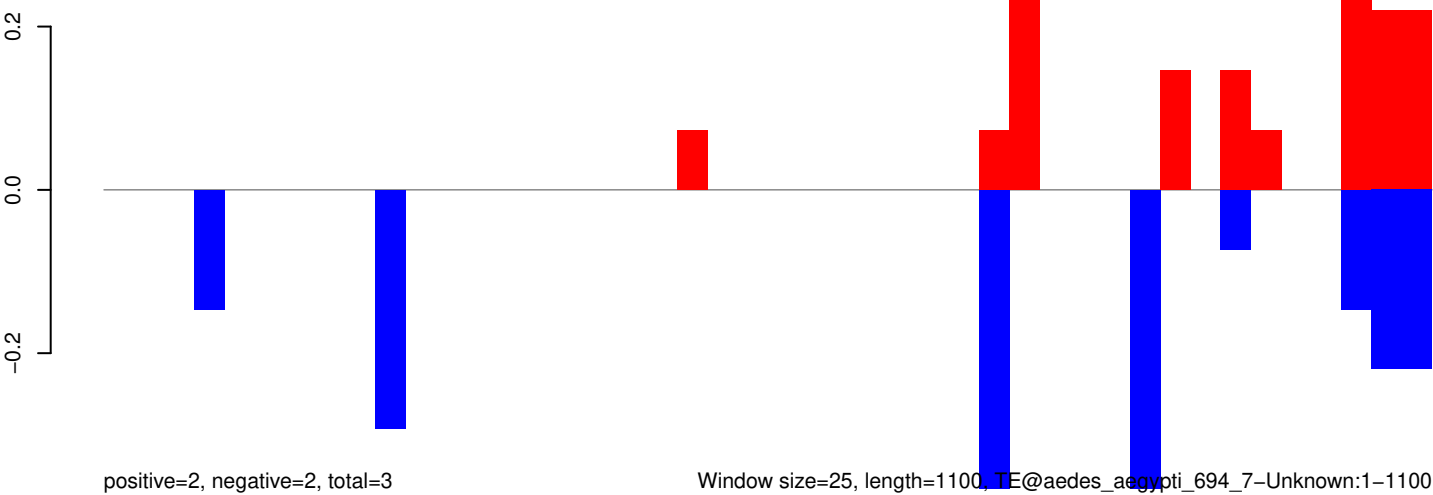
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



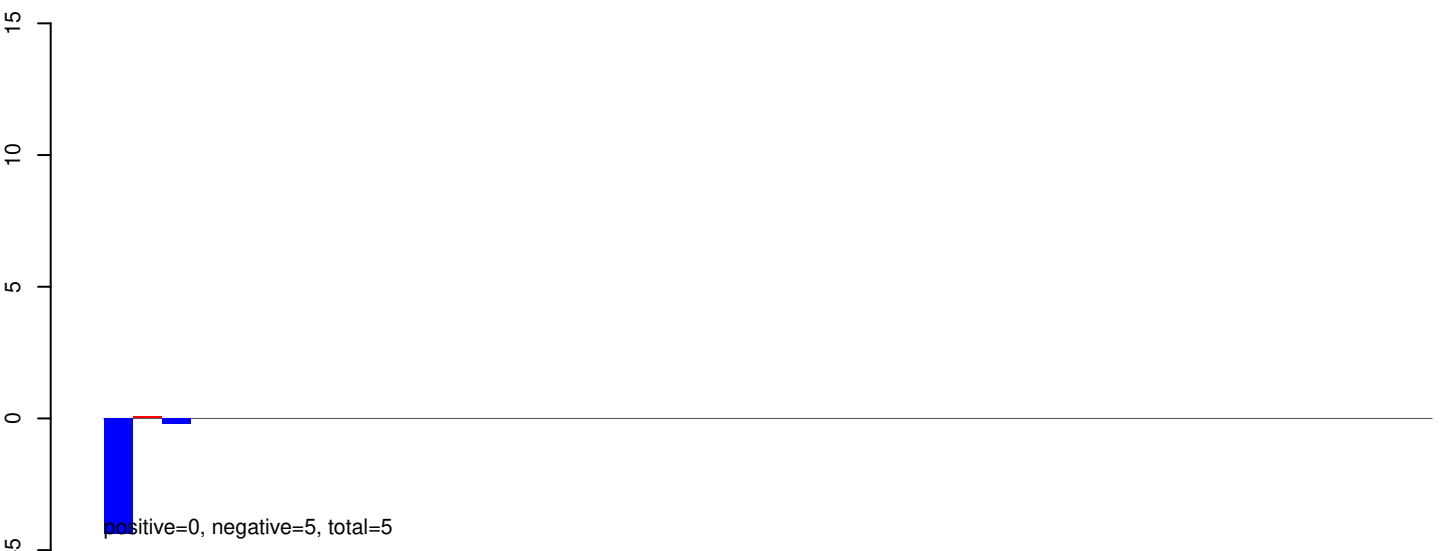
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



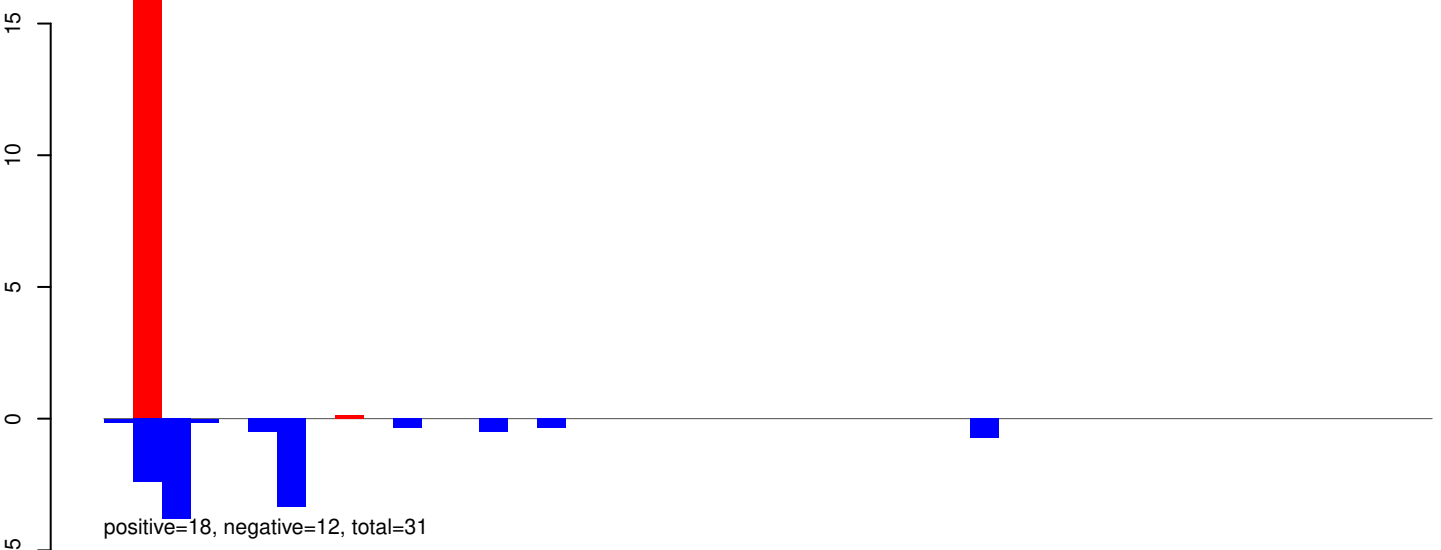
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



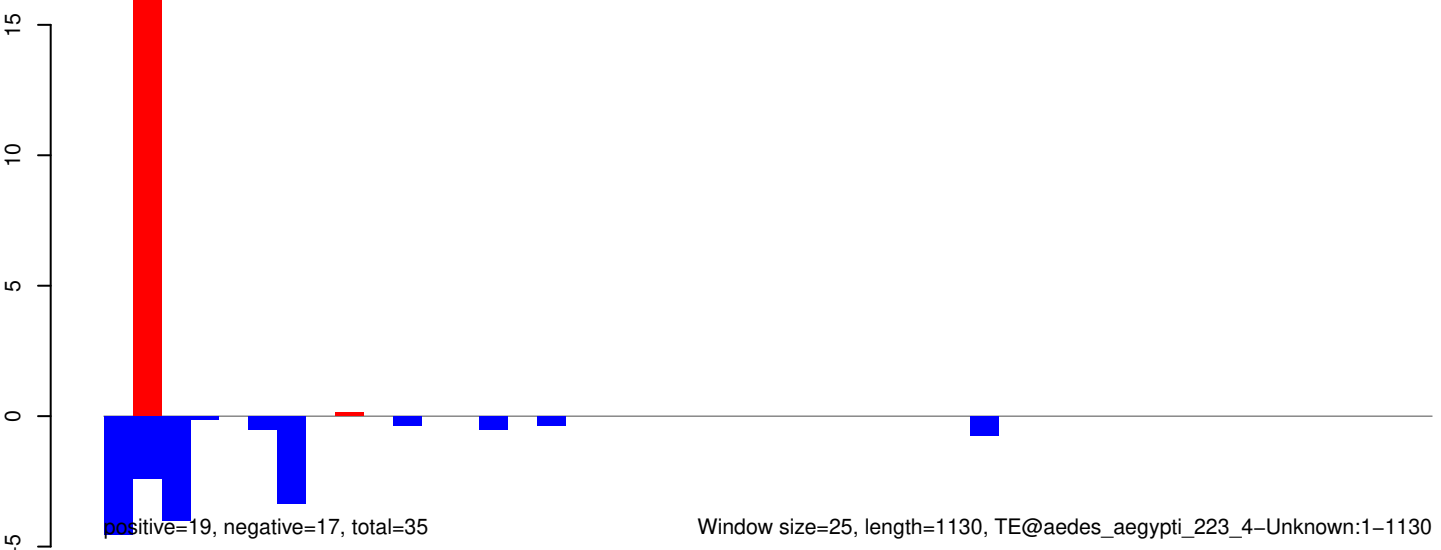
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



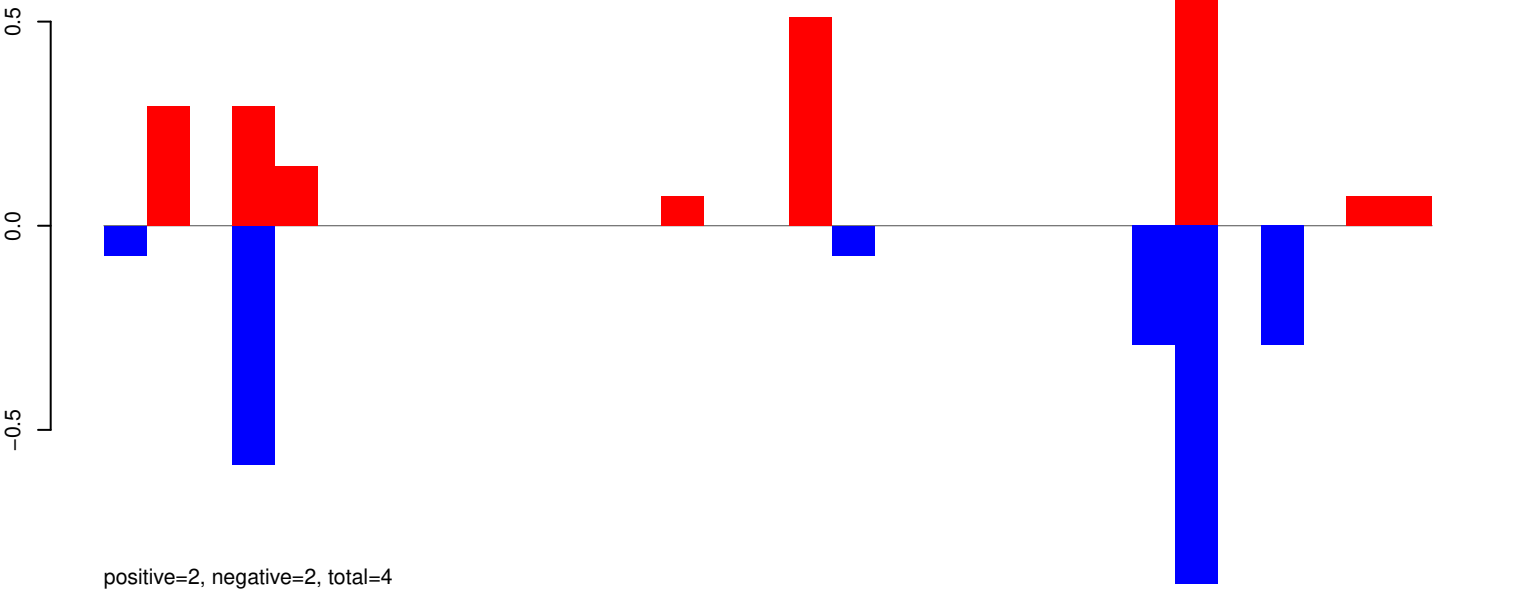
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



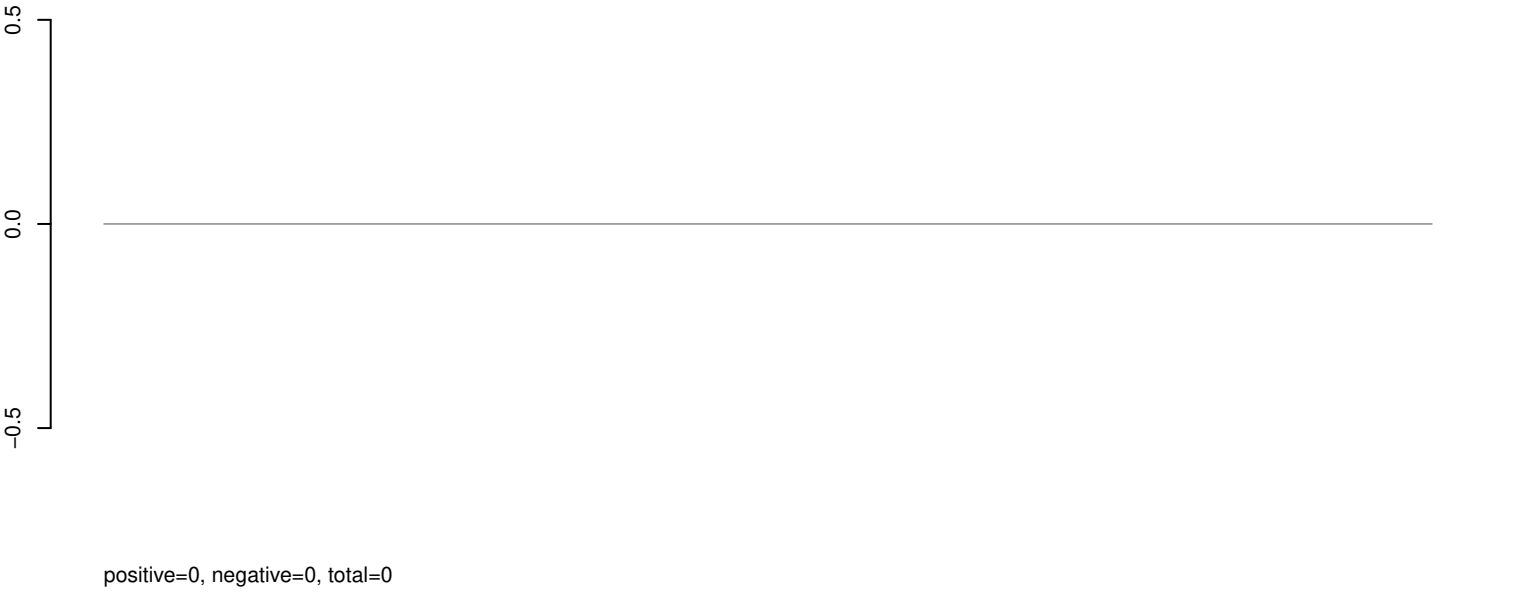
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



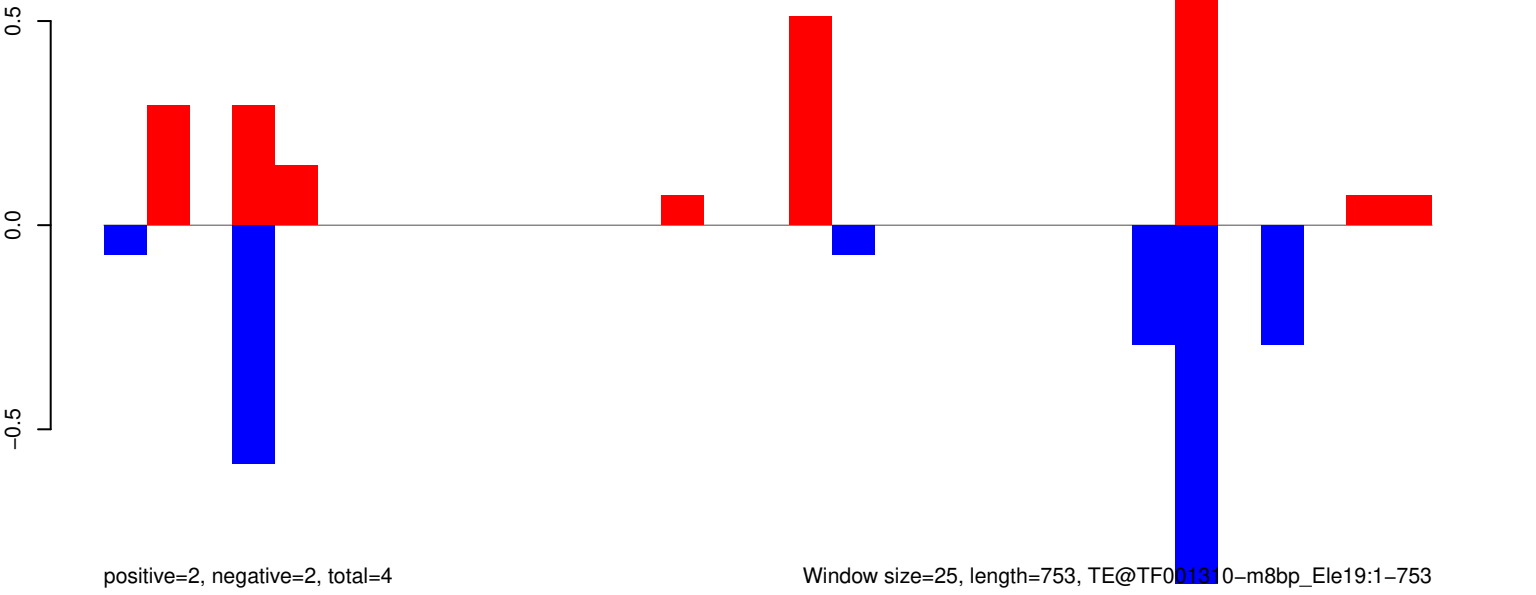
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



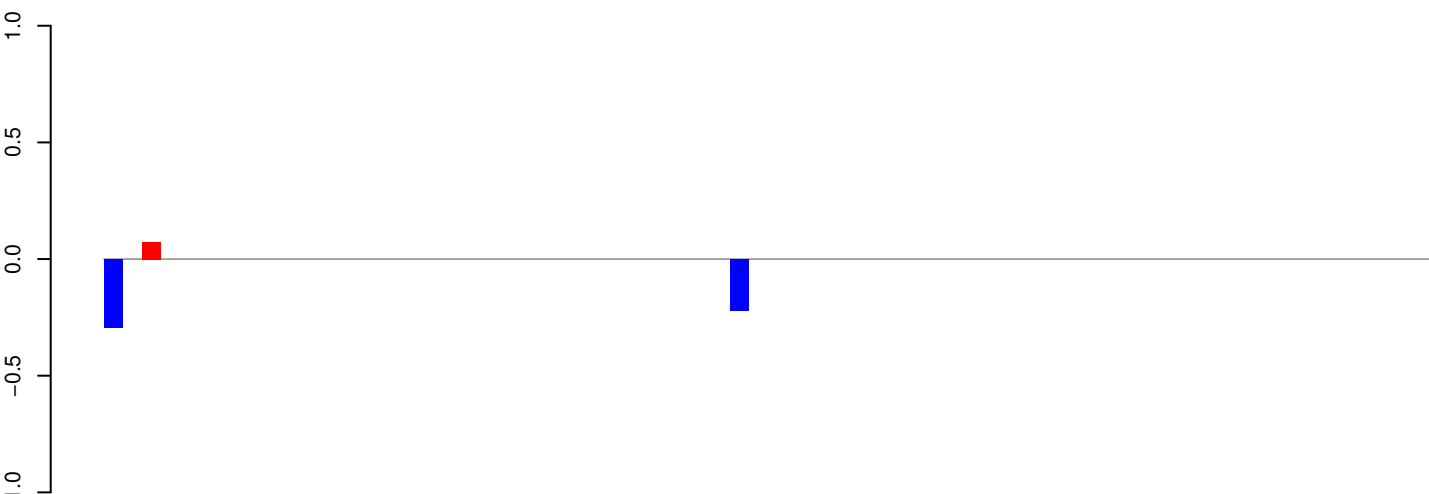
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=753, TE@TF011310-m8bp\_Ele19:1-753

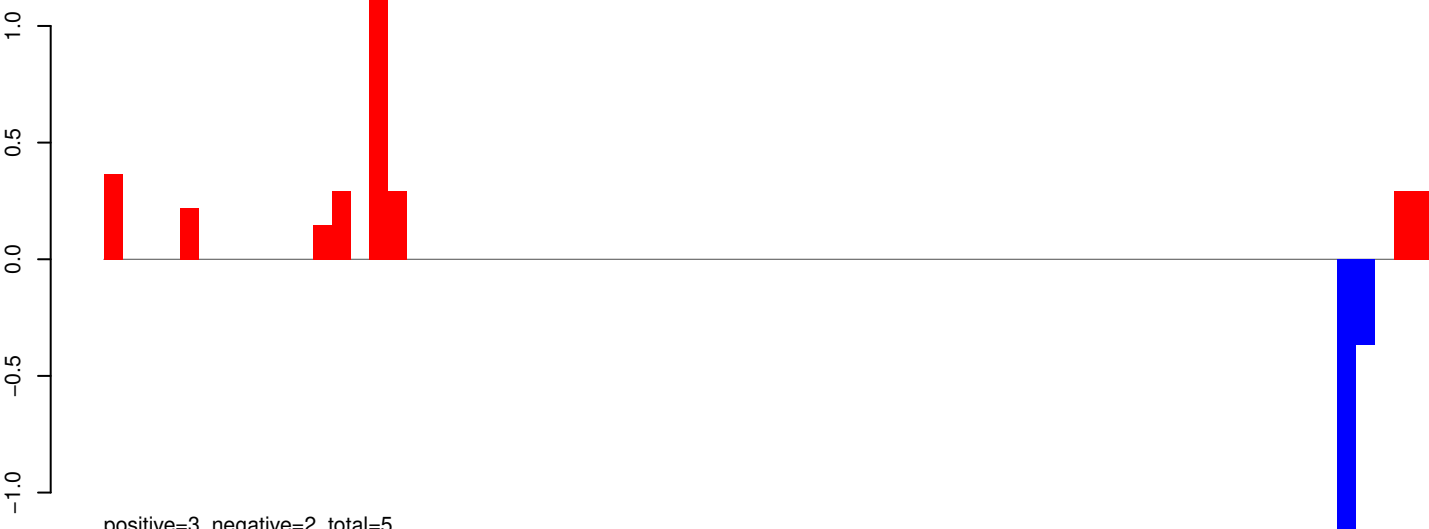


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



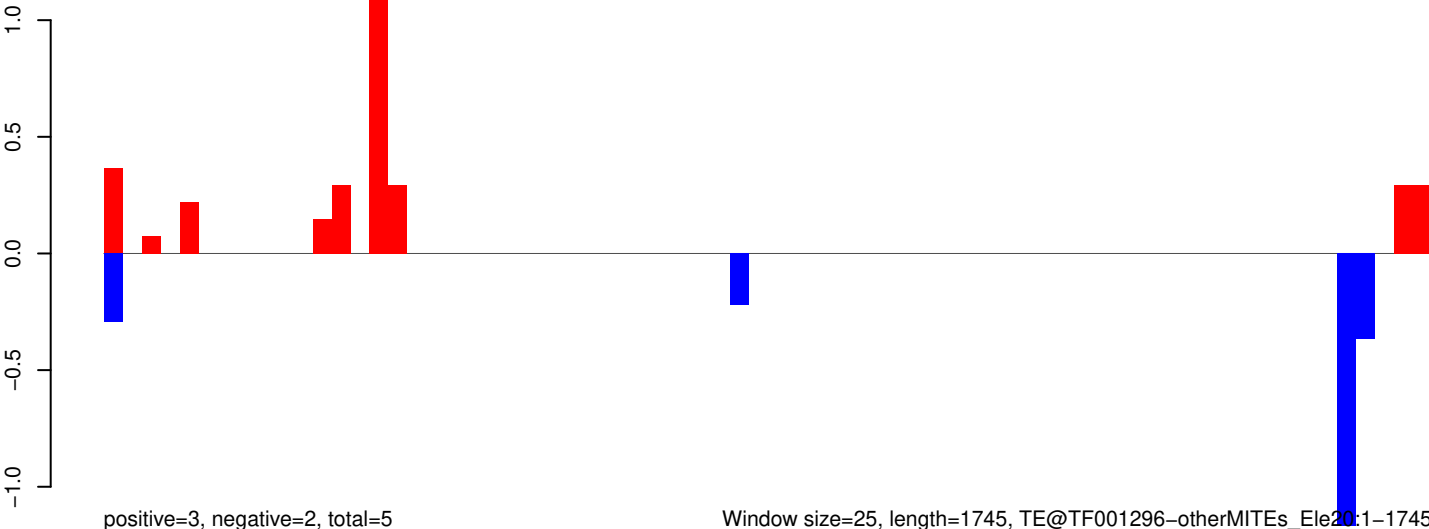
positive=0, negative=1, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=3, negative=2, total=5

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



positive=3, negative=2, total=5

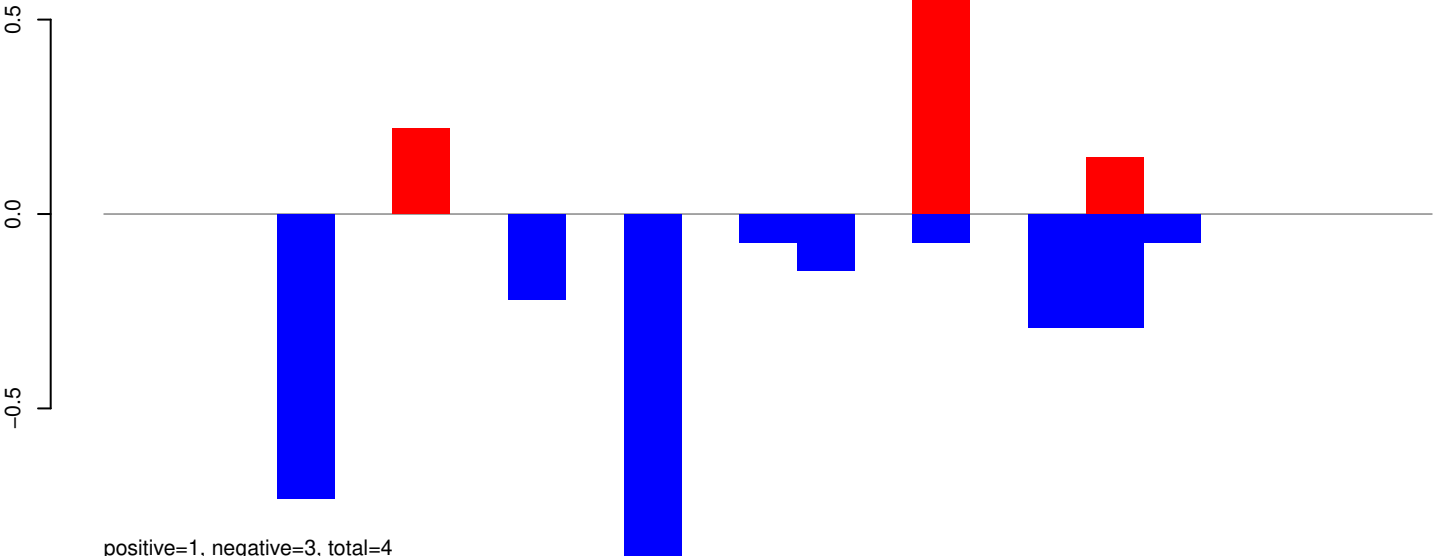
Window size=25, length=1745, TE@TF001296-otherMITEs\_Ele20:1-1745

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



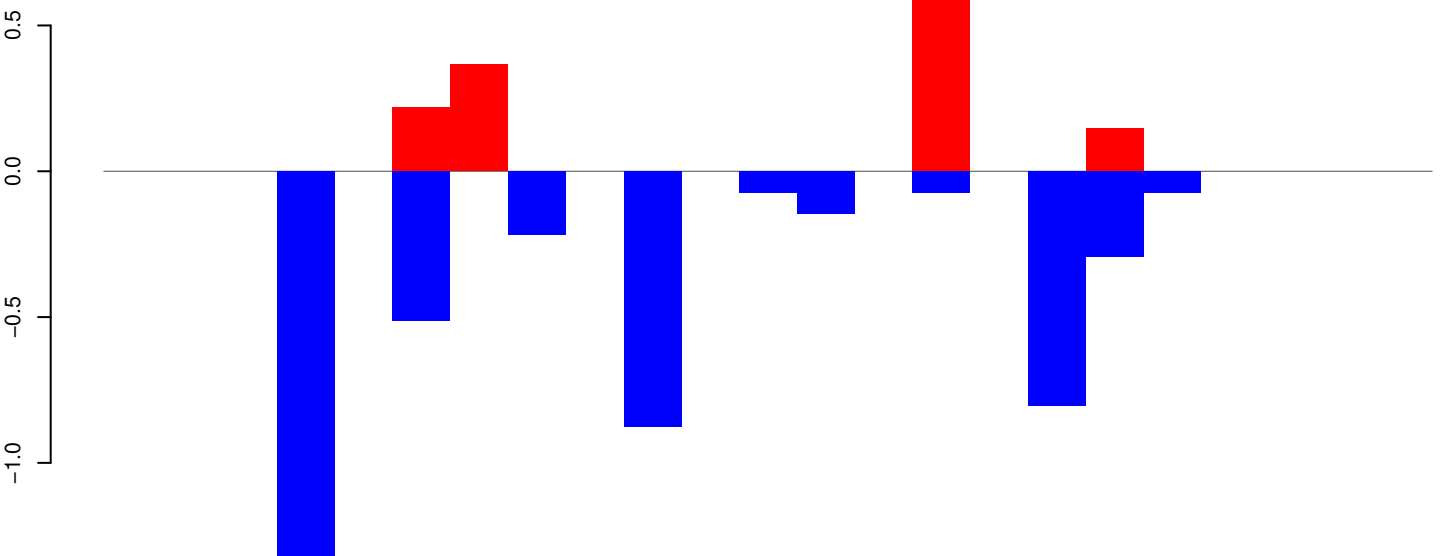
positive=0, negative=2, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=3, total=4

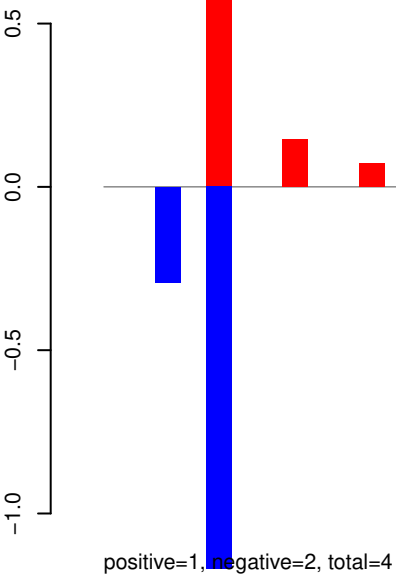
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



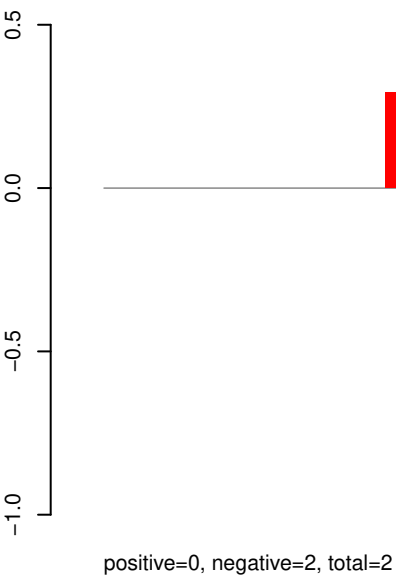
positive=1, negative=4, total=6

Window size=25, length=562, TE@TF001274-m8bp\_Ele16:1-562

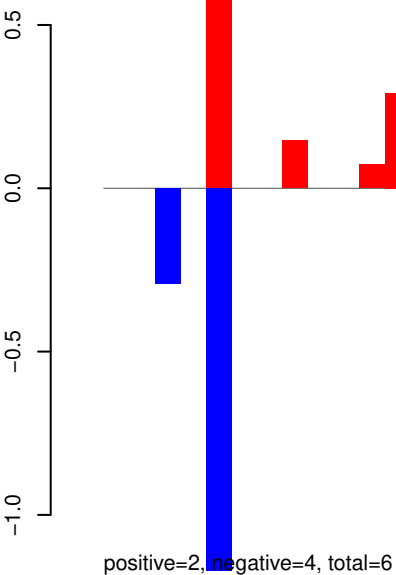
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

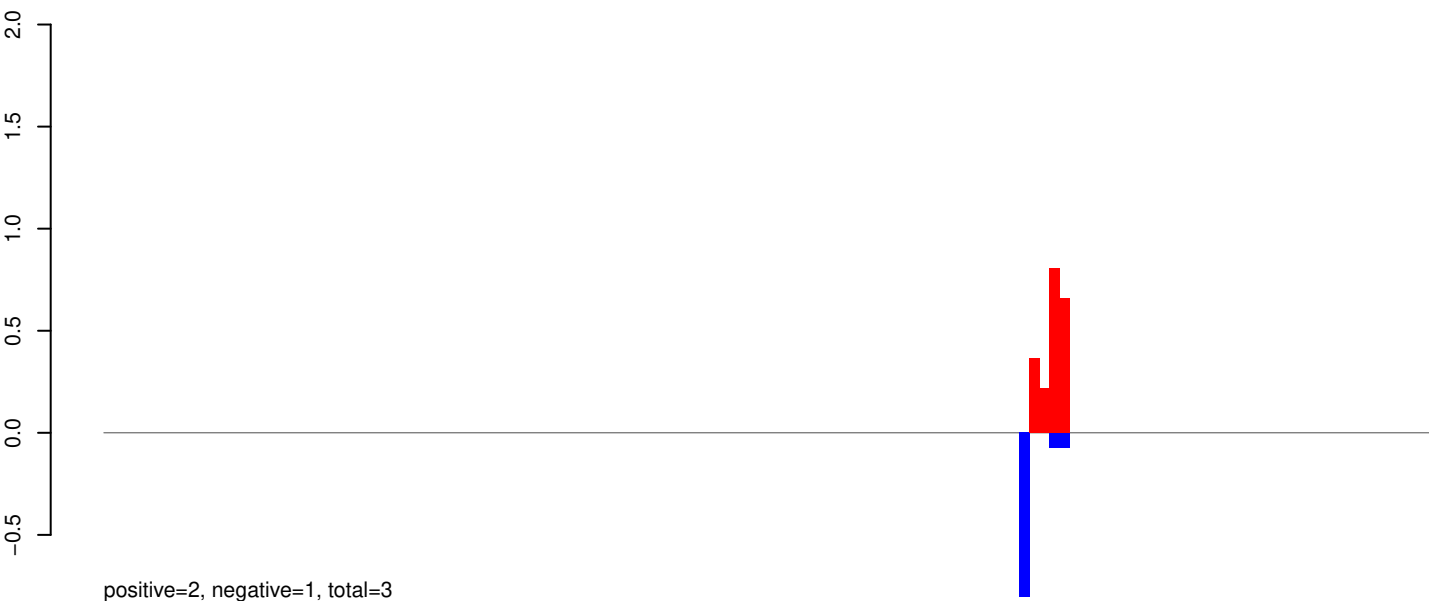


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

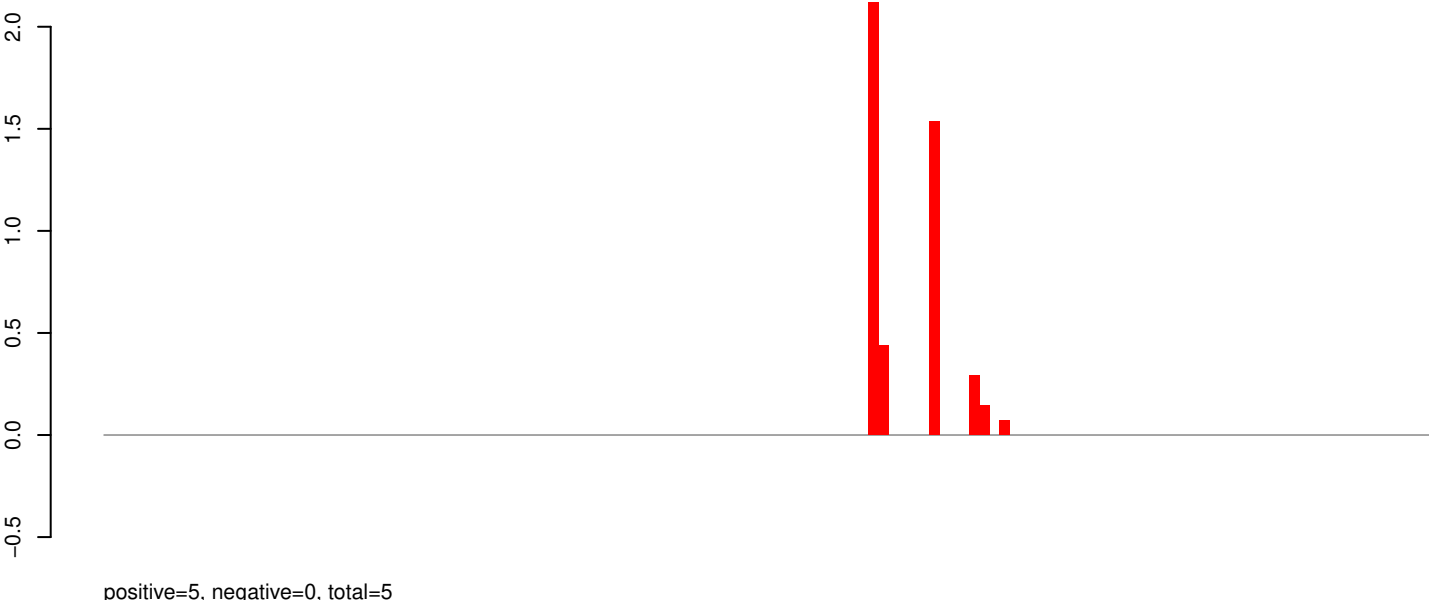


Window size=25, length=1288, TE@TF001258-m8bp\_Ele15:1-1288

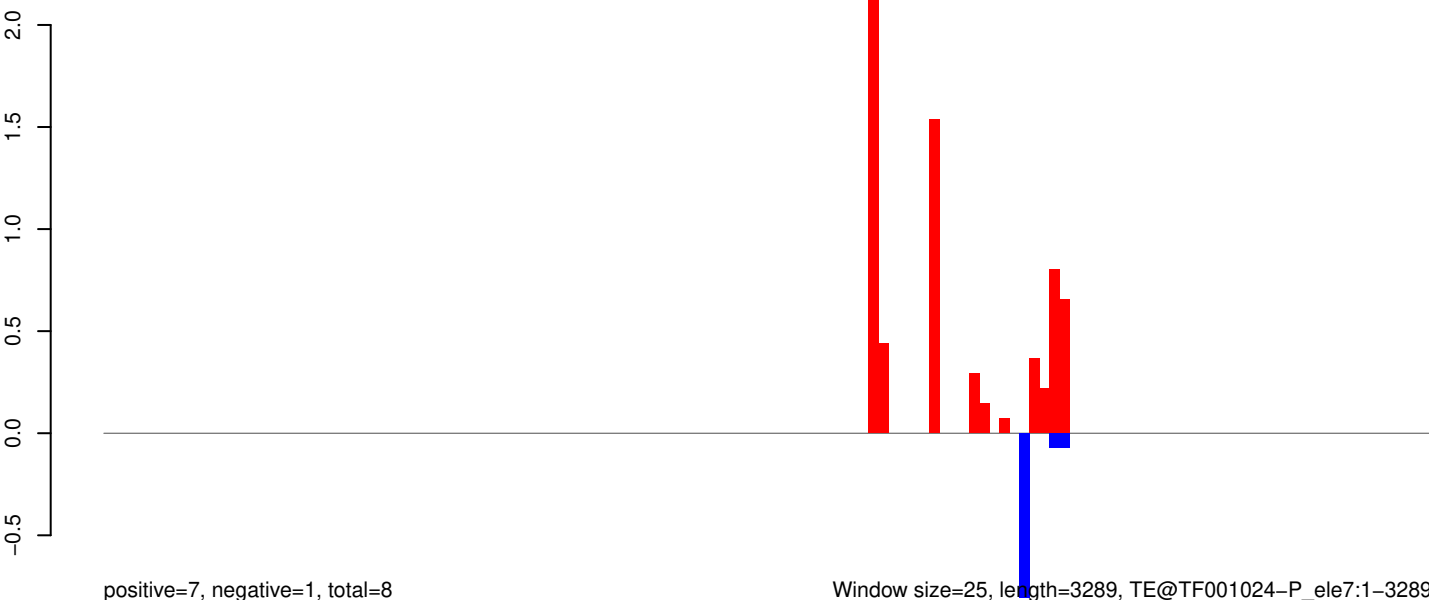
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



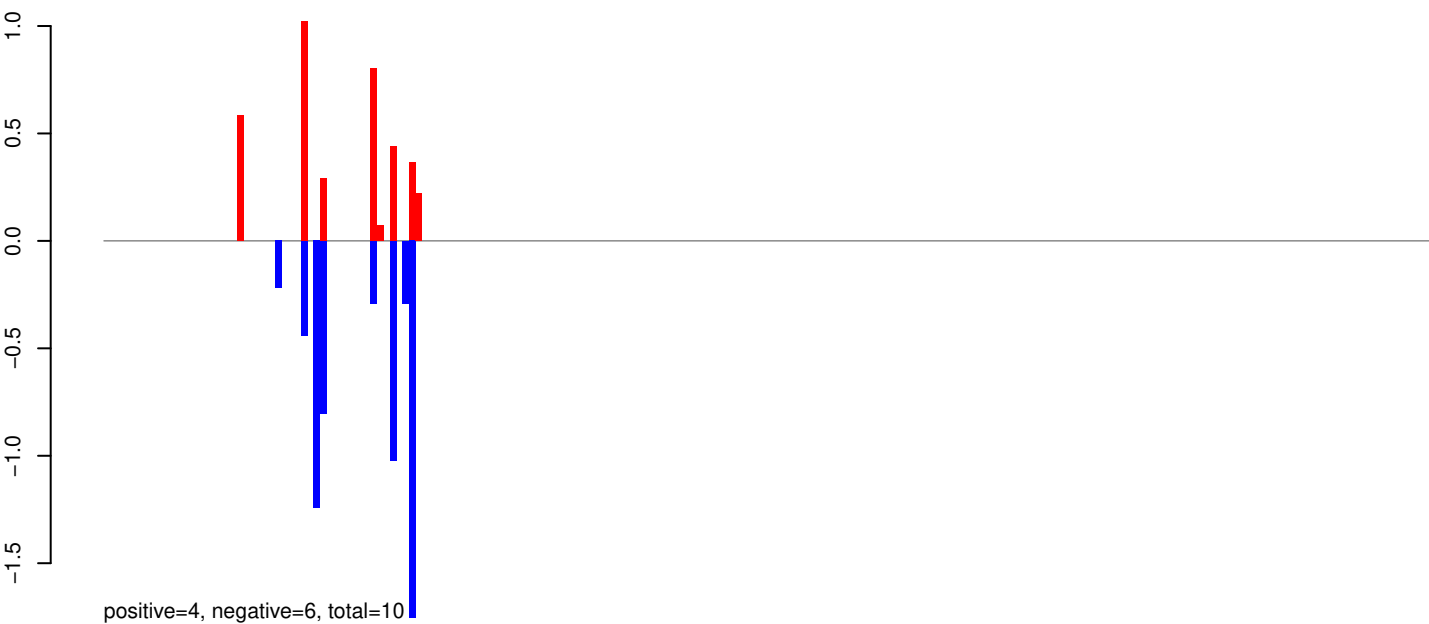
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



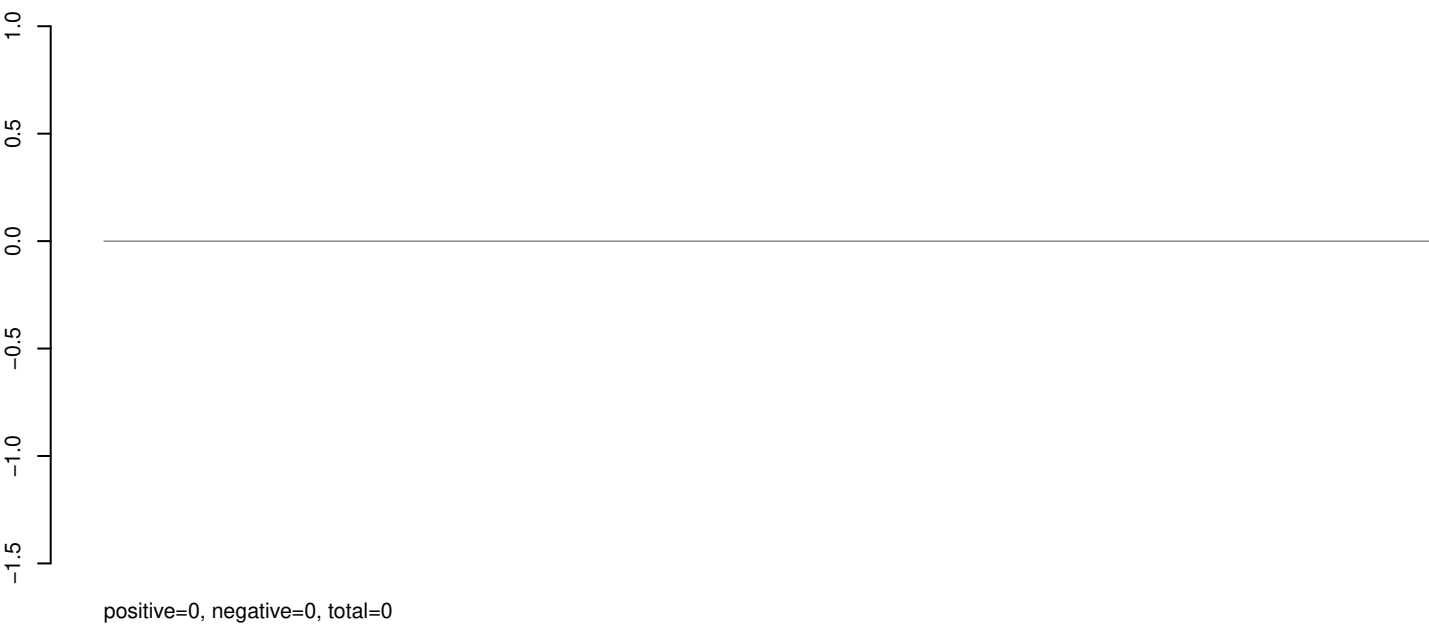
Window size=25, length=3289, TE@TF001024-P\_ele7:1-3289

0 500 1000 1500 2000 2500 3000

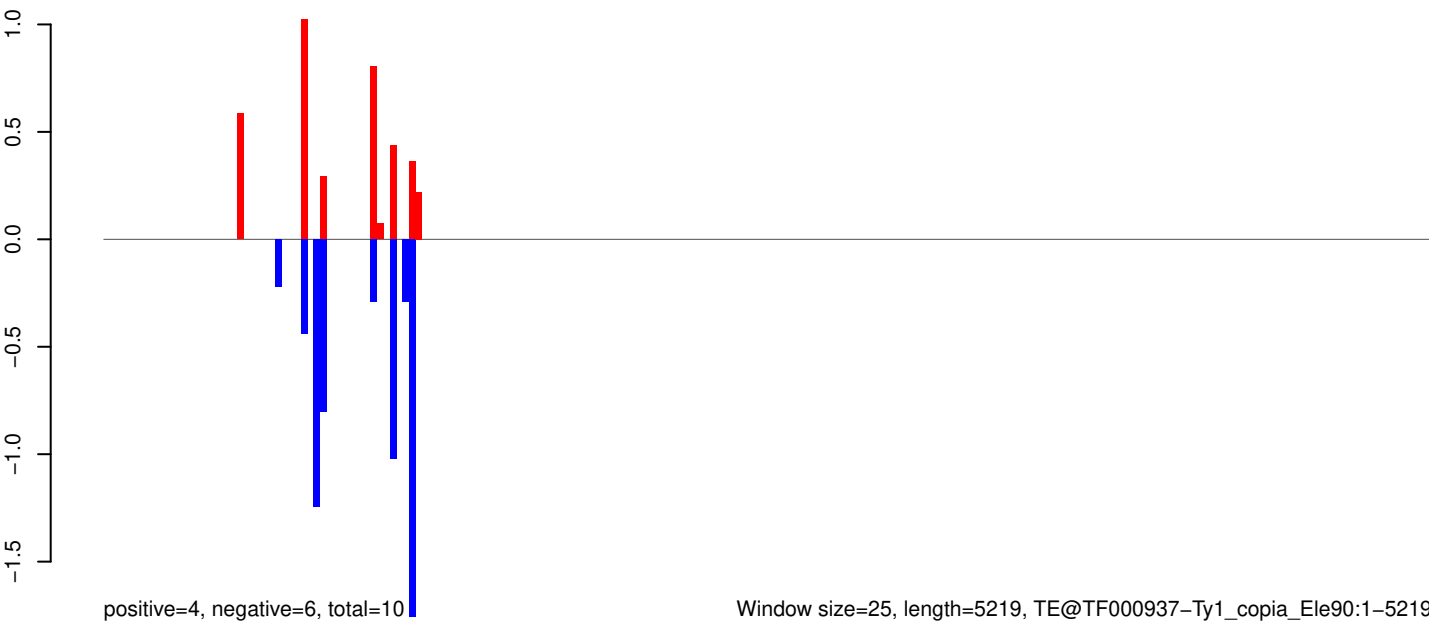
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.2  
0.1  
0.0  
-0.1  
-0.2  
-0.3  
-0.4

positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.2  
0.1  
0.0  
-0.1  
-0.2  
-0.3  
-0.4

positive=0, negative=1, total=1

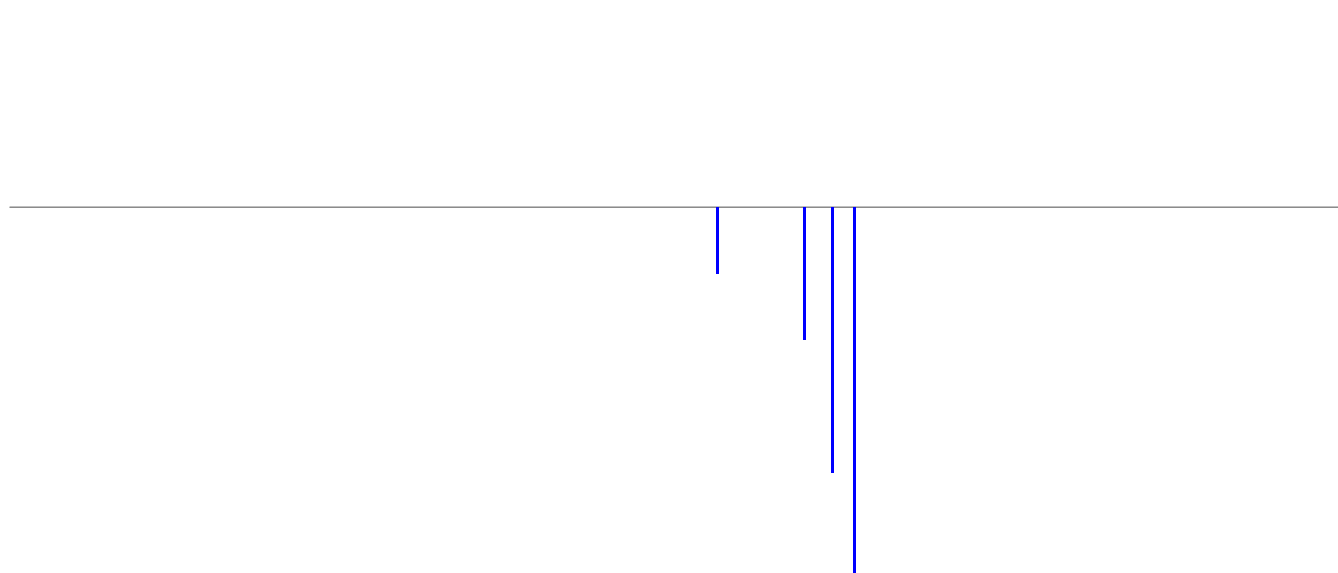
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

0.2  
0.1  
0.0  
-0.1  
-0.2  
-0.3  
-0.4

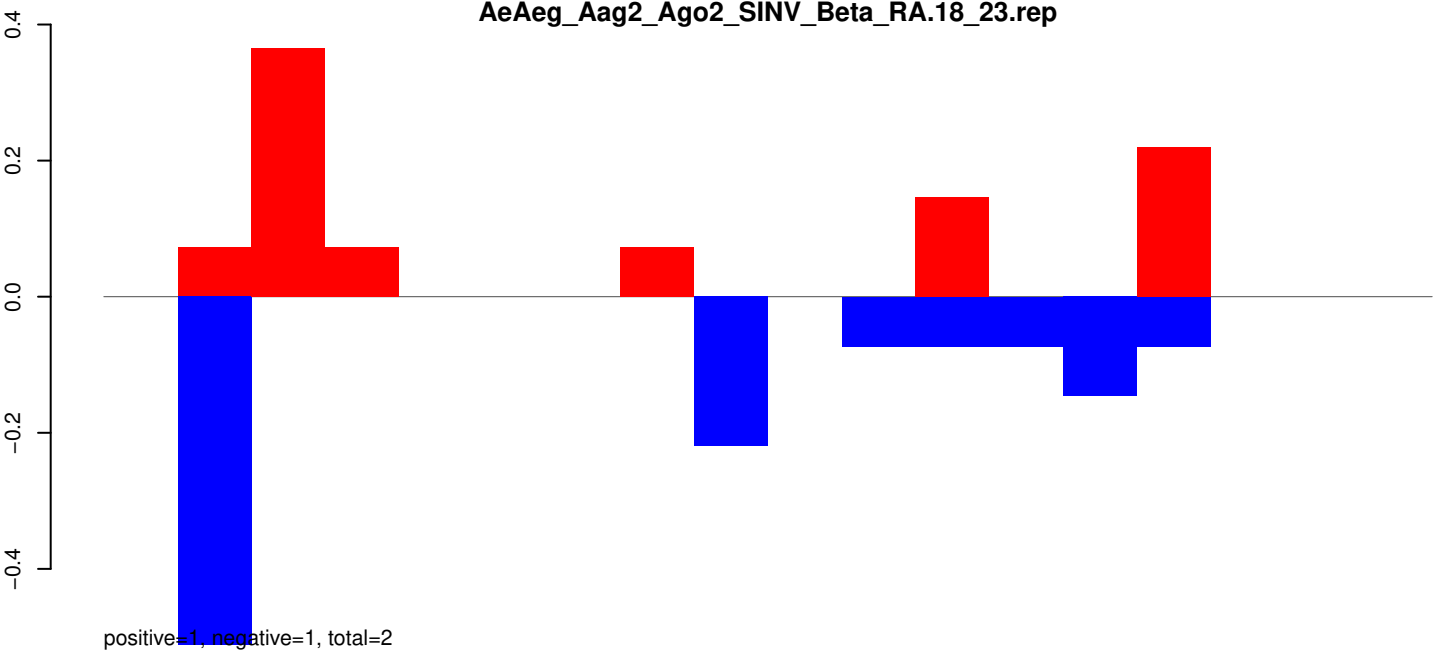
positive=1, negative=1, total=2

Window size=25, length=11826, TE@TF000926-Ty3\_gypsy\_Ele196:1-11826

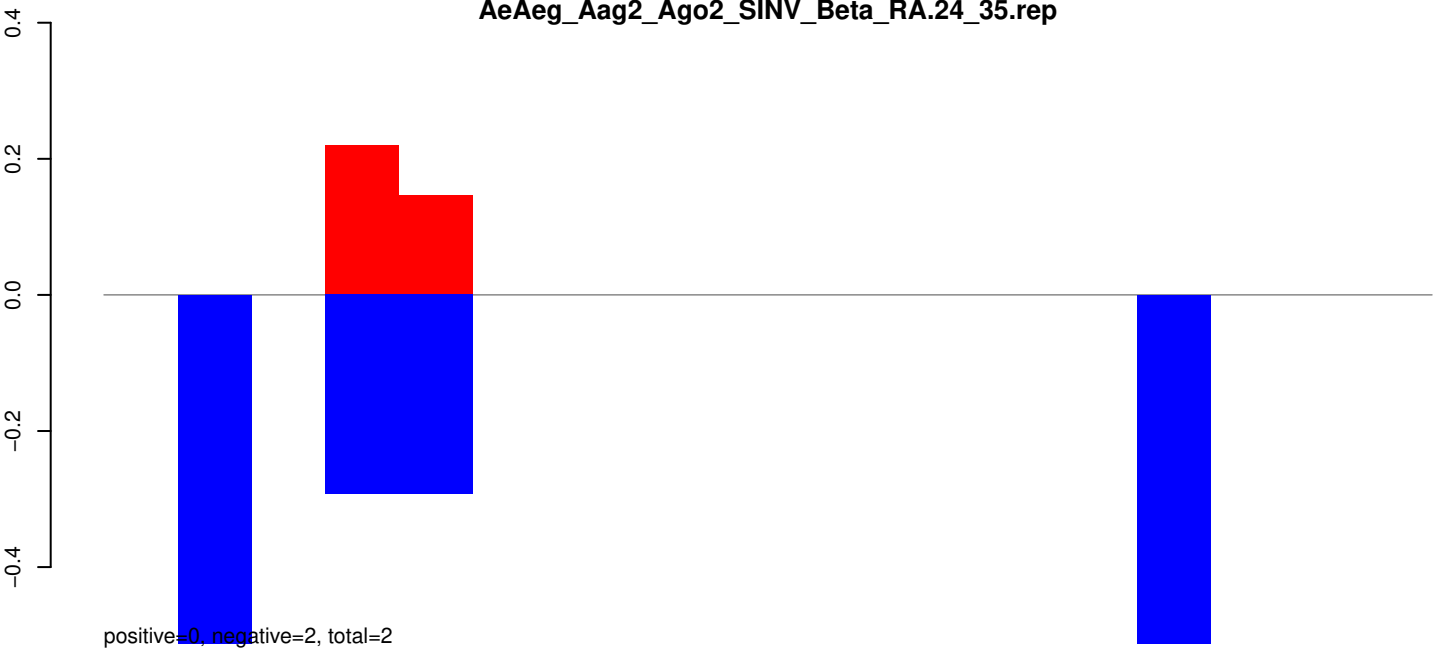
0 2000 4000 6000 8000 10000 12000



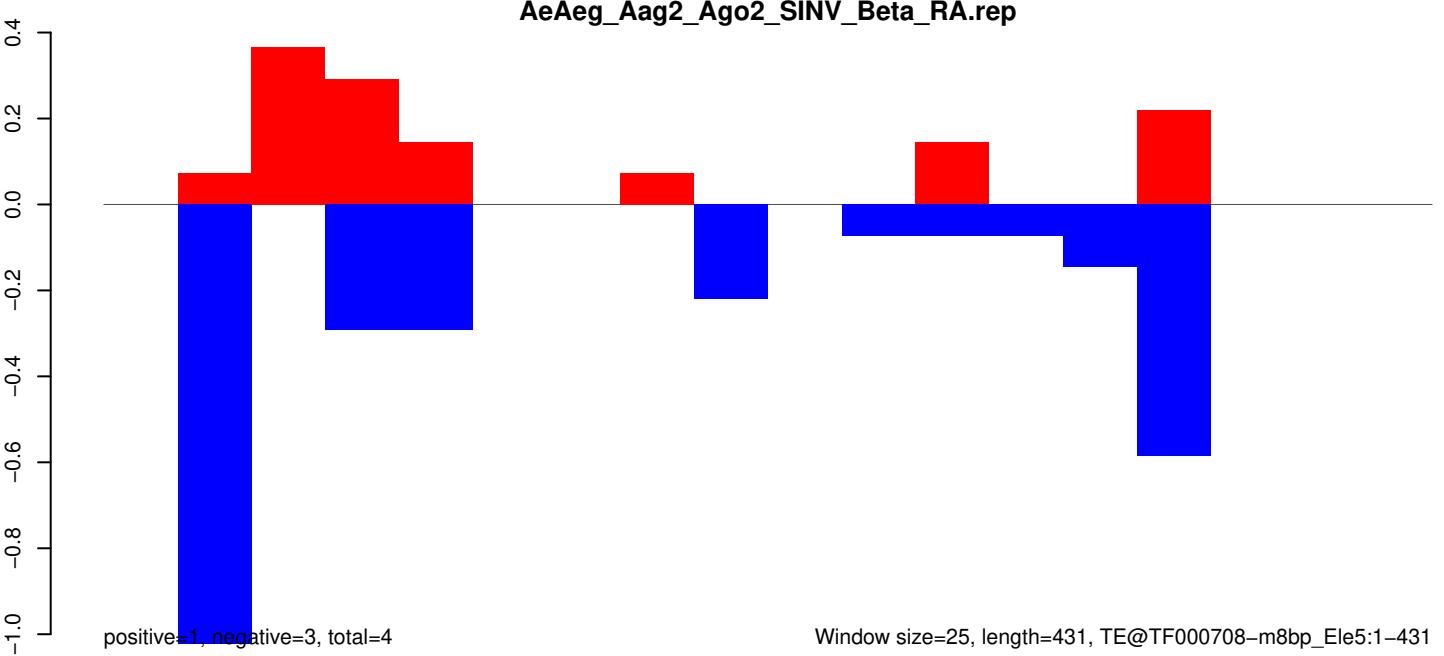
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



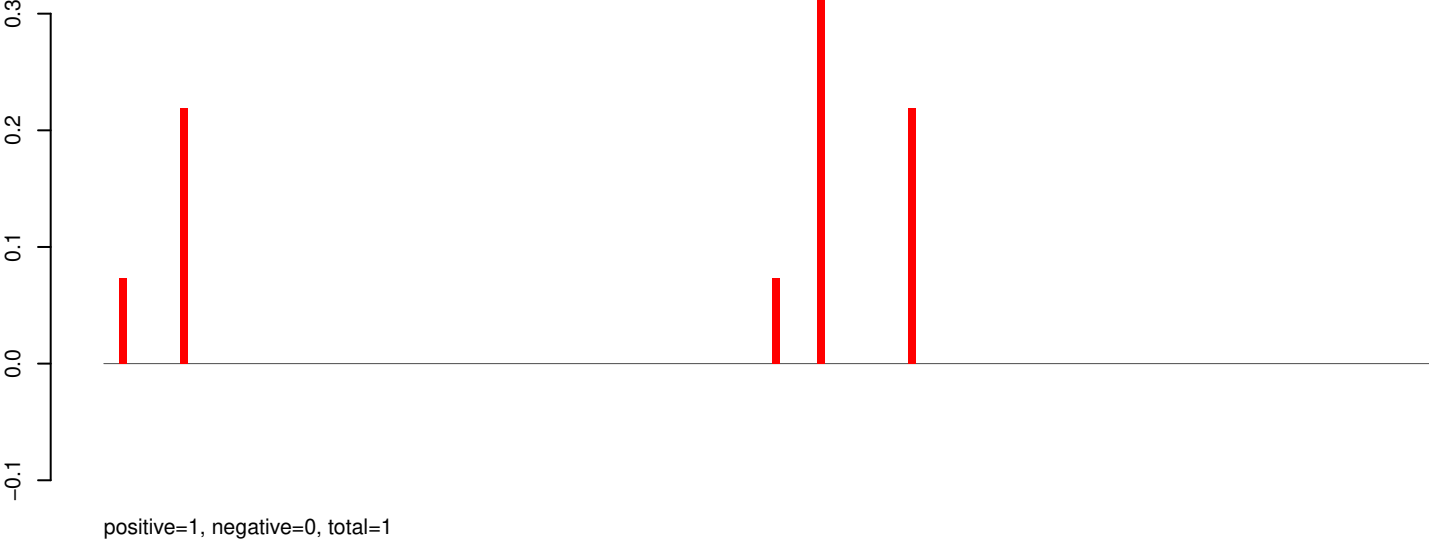
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



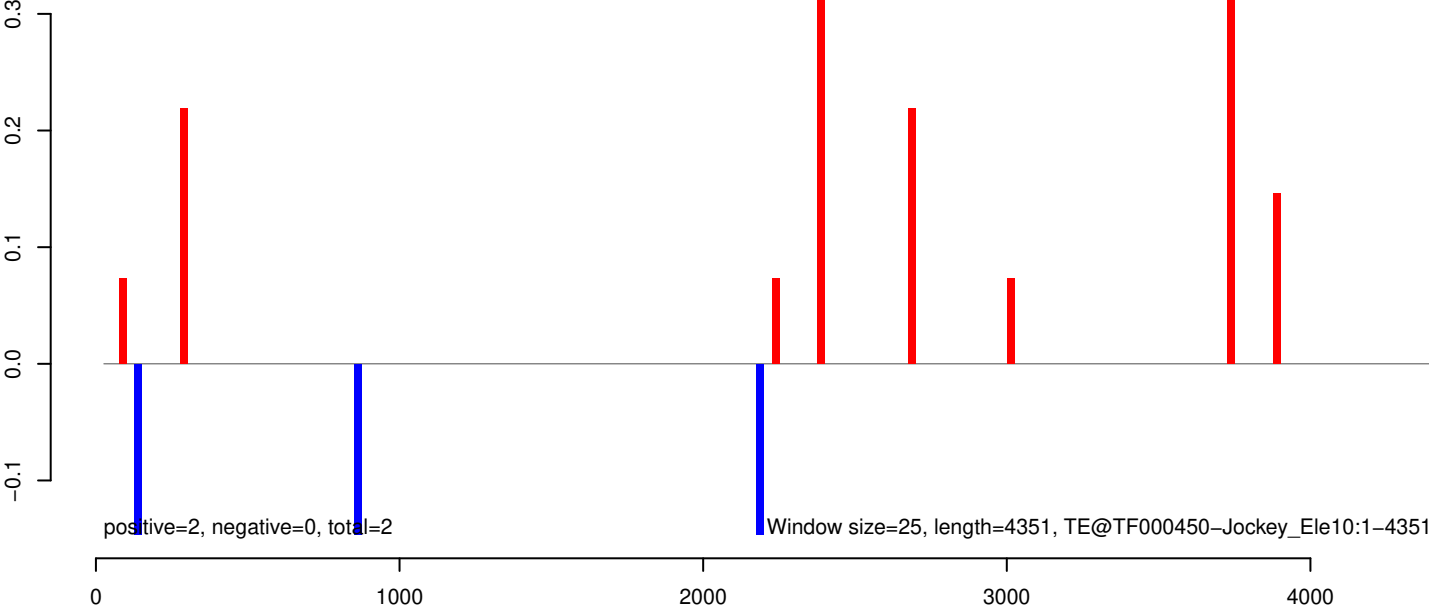
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

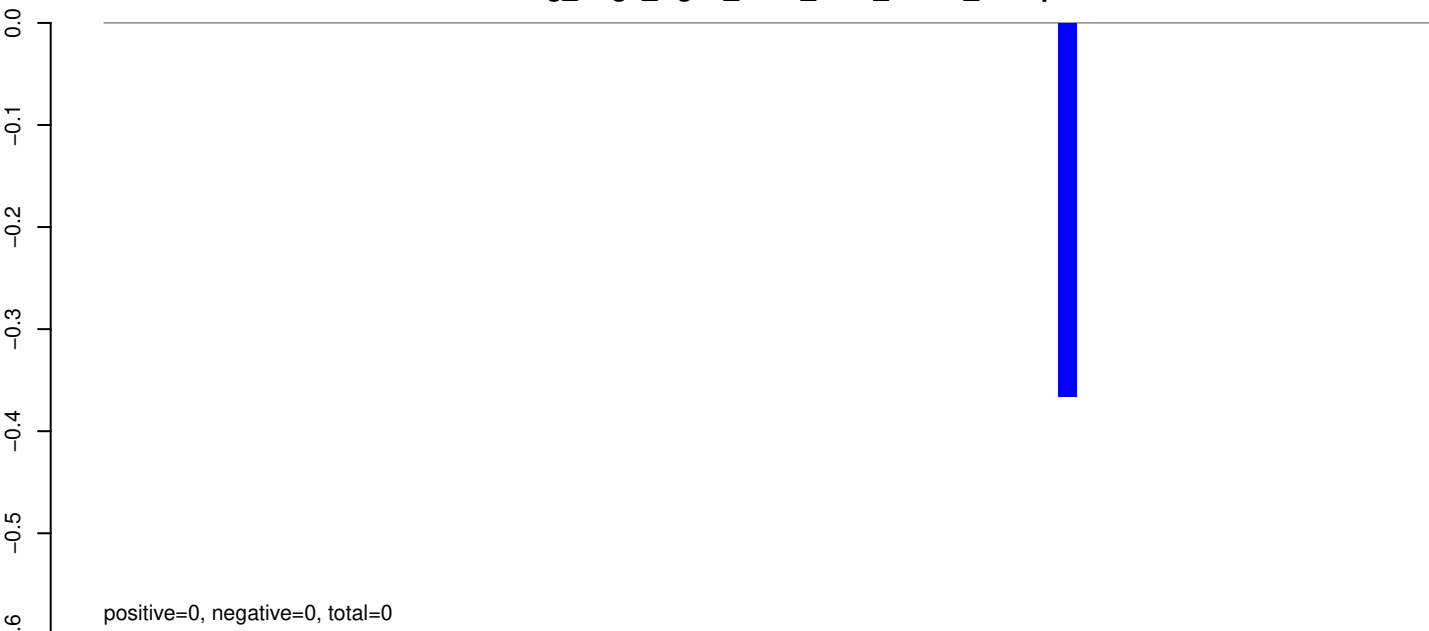


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

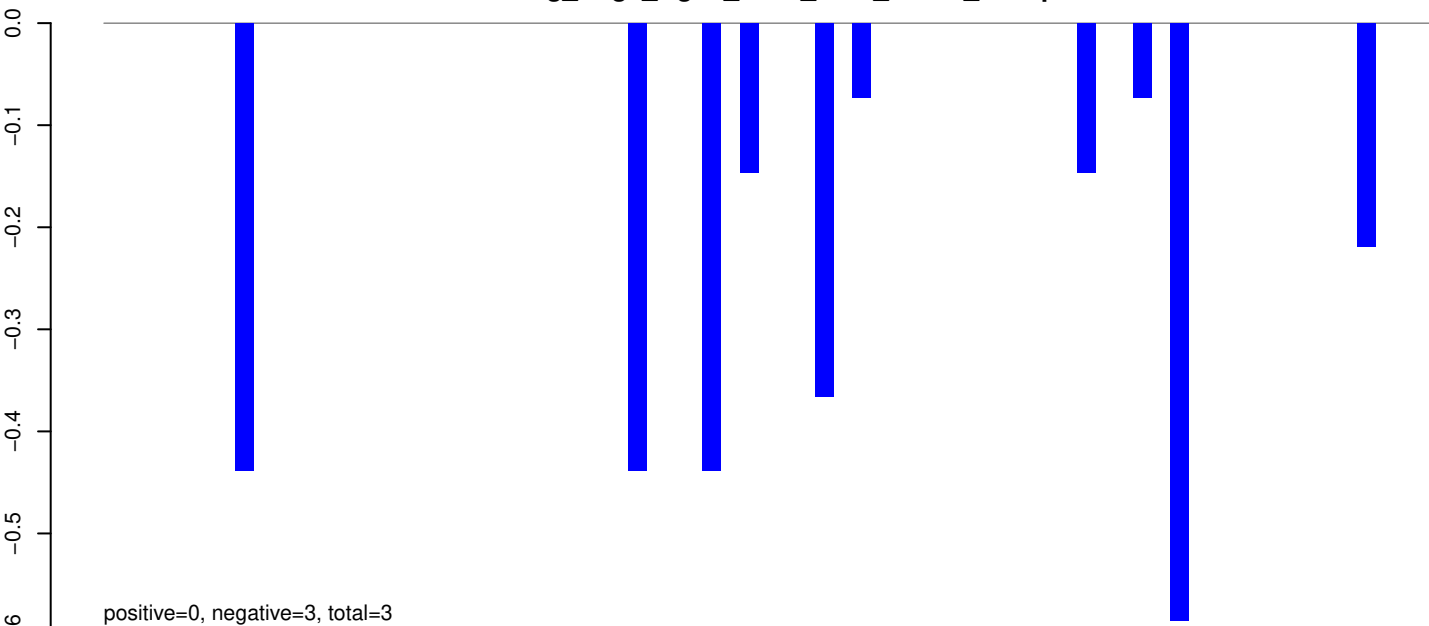




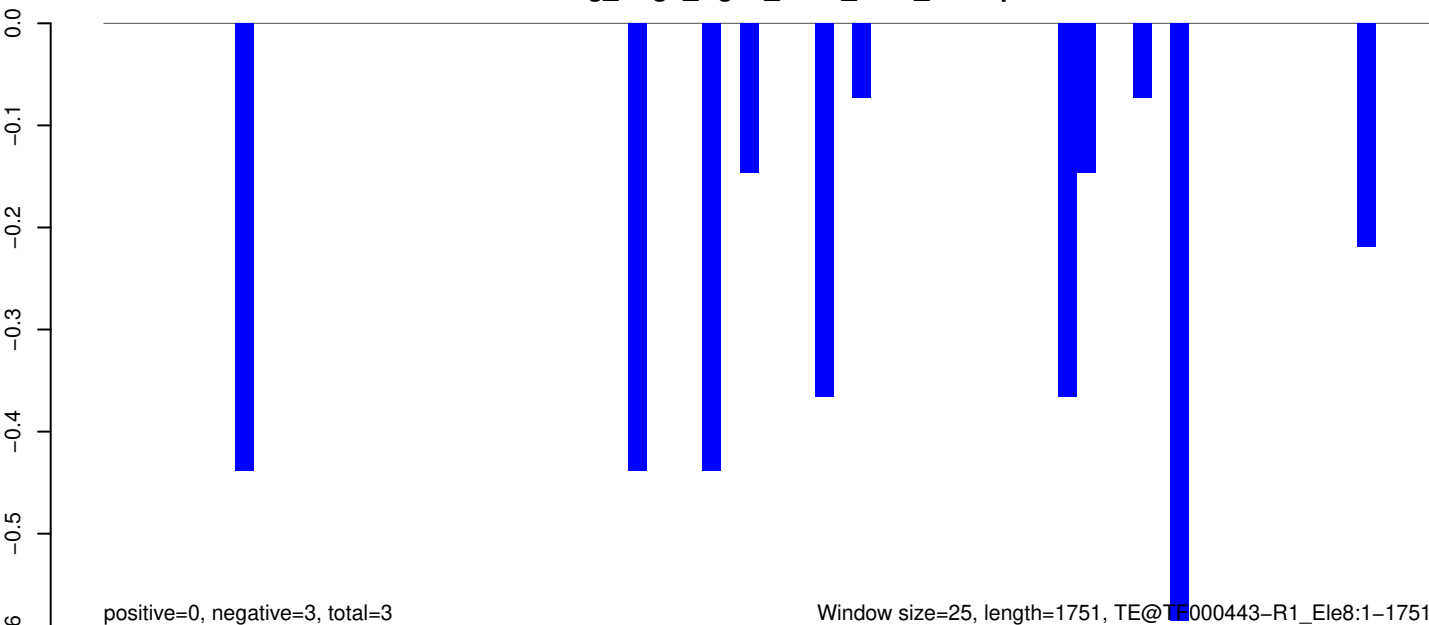
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



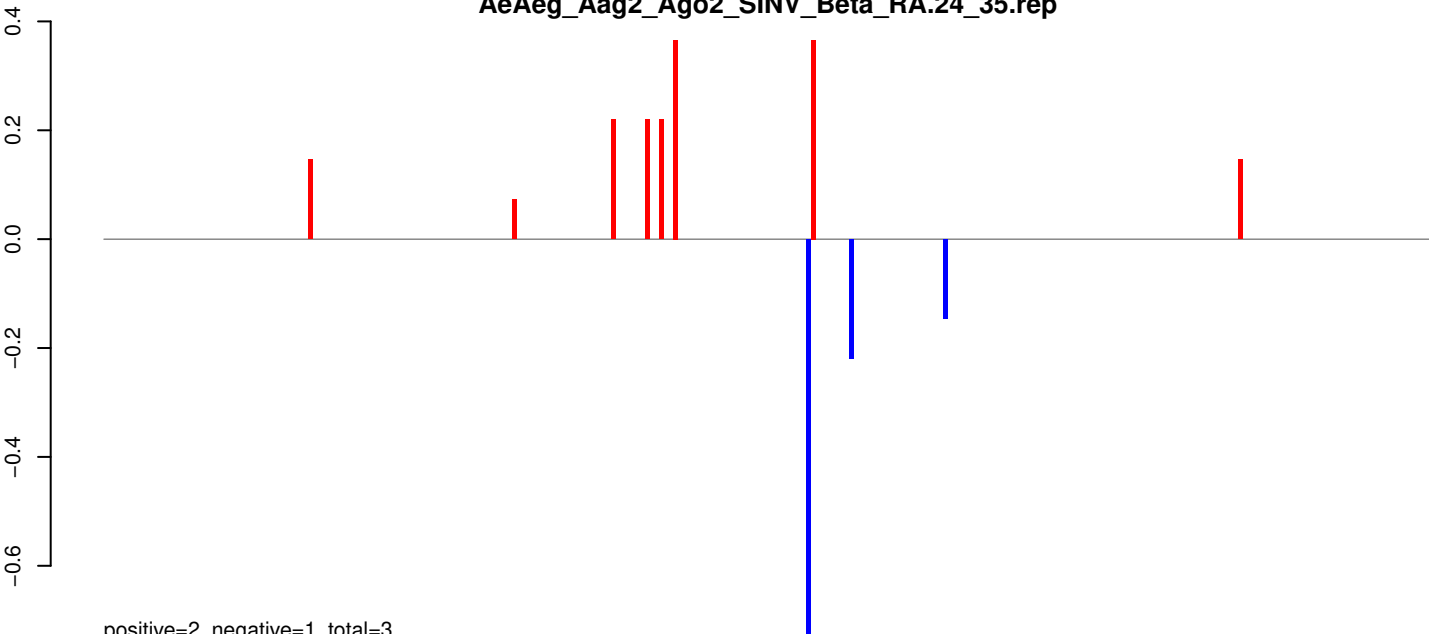
Window size=25, length=1751, TE@TE000443-R1\_Ele8:1-1751

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



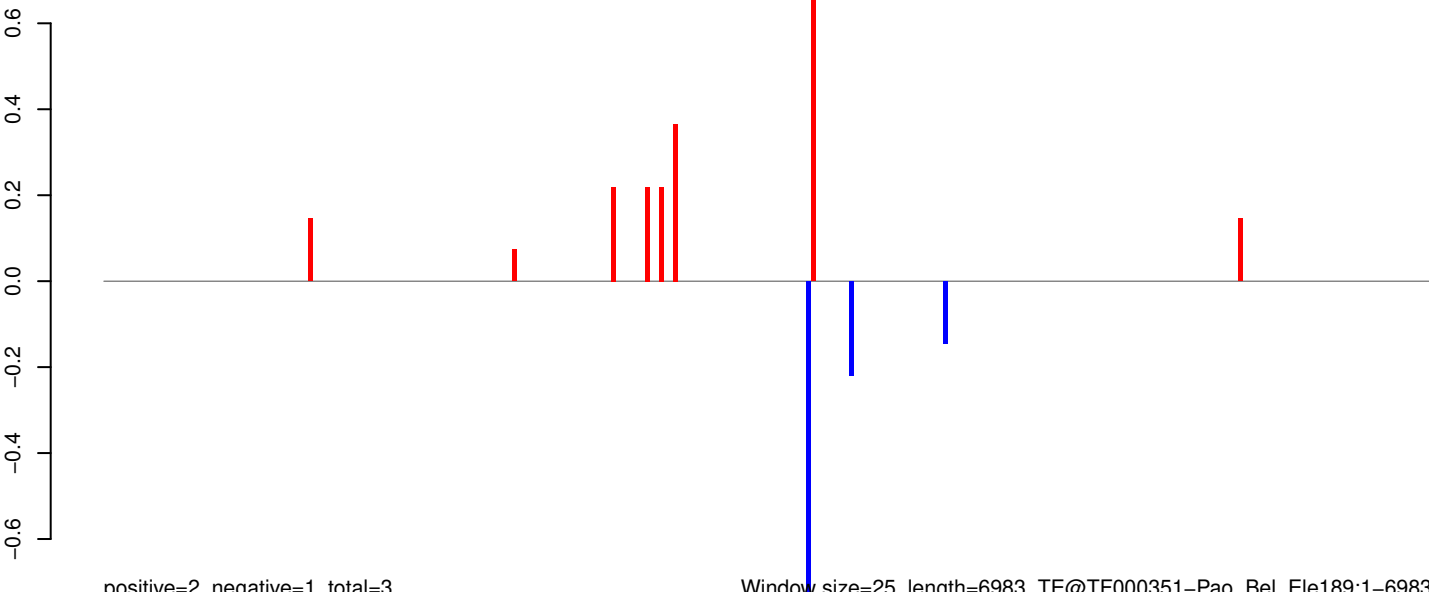
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



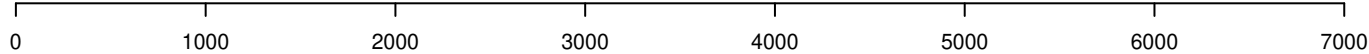
positive=2, negative=1, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

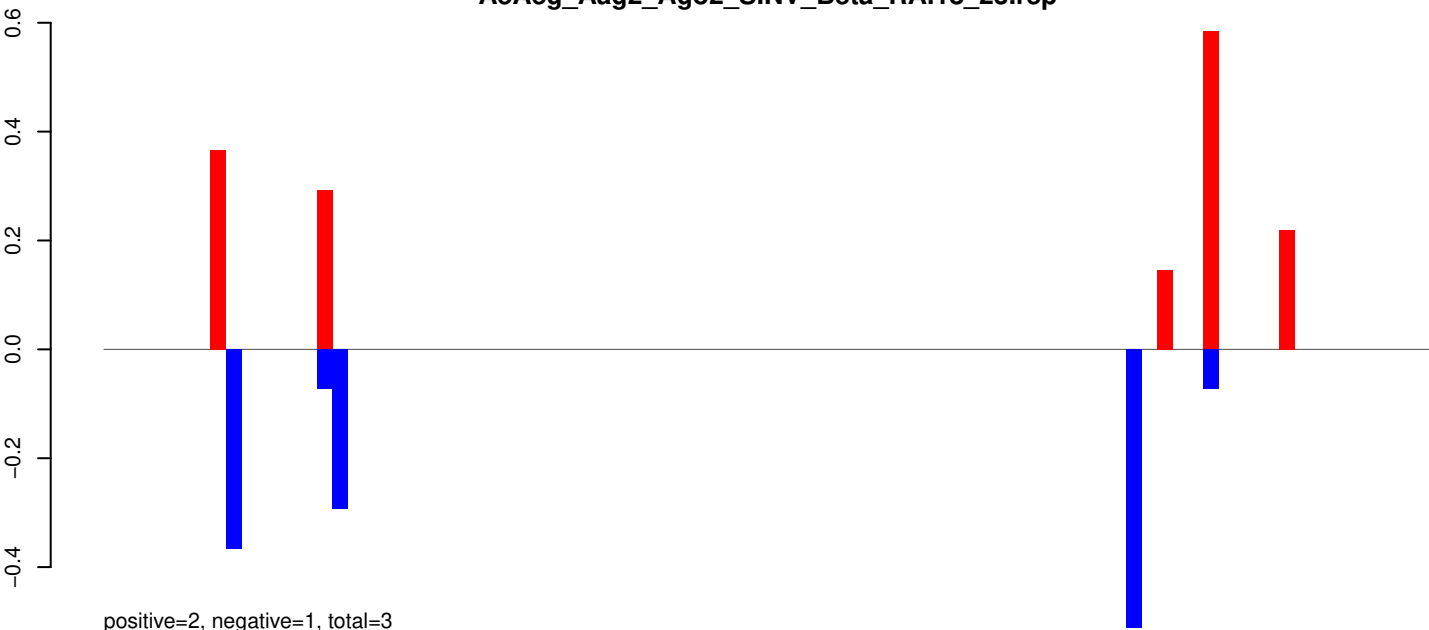


positive=2, negative=1, total=3

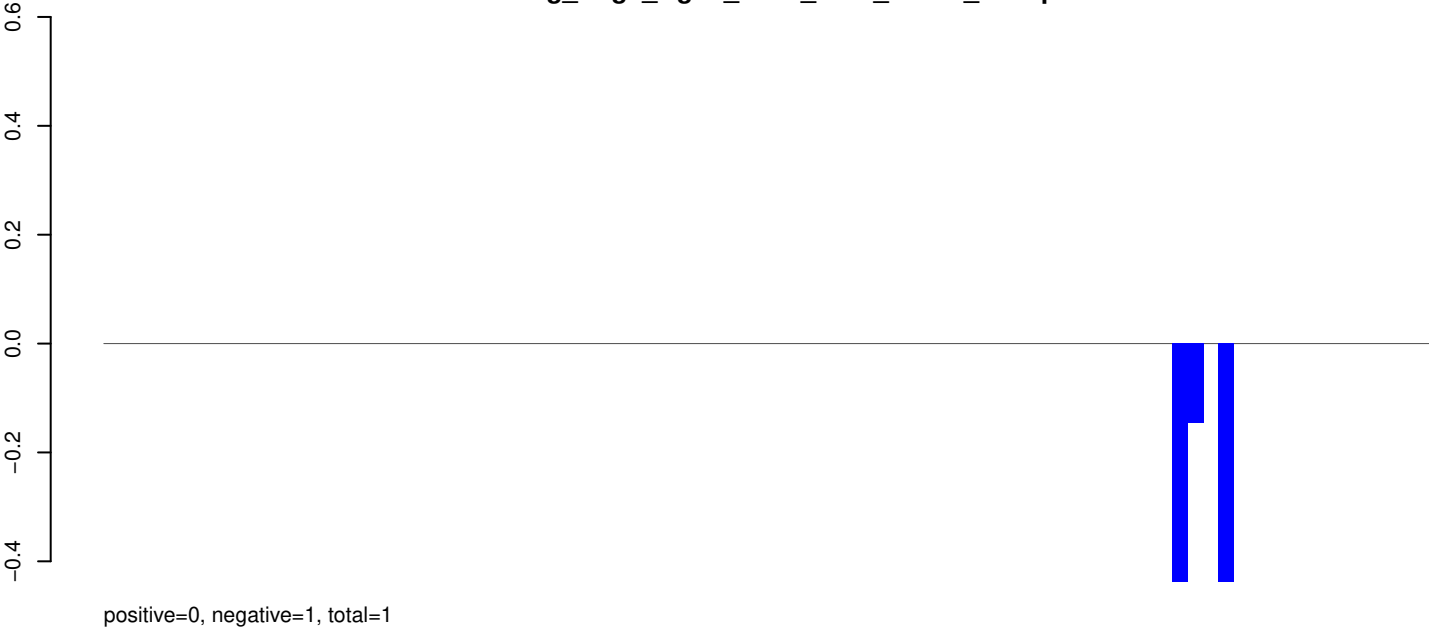
Window size=25, length=6983, TE@TF000351-Pao\_Bel\_Ele189:1-6983



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

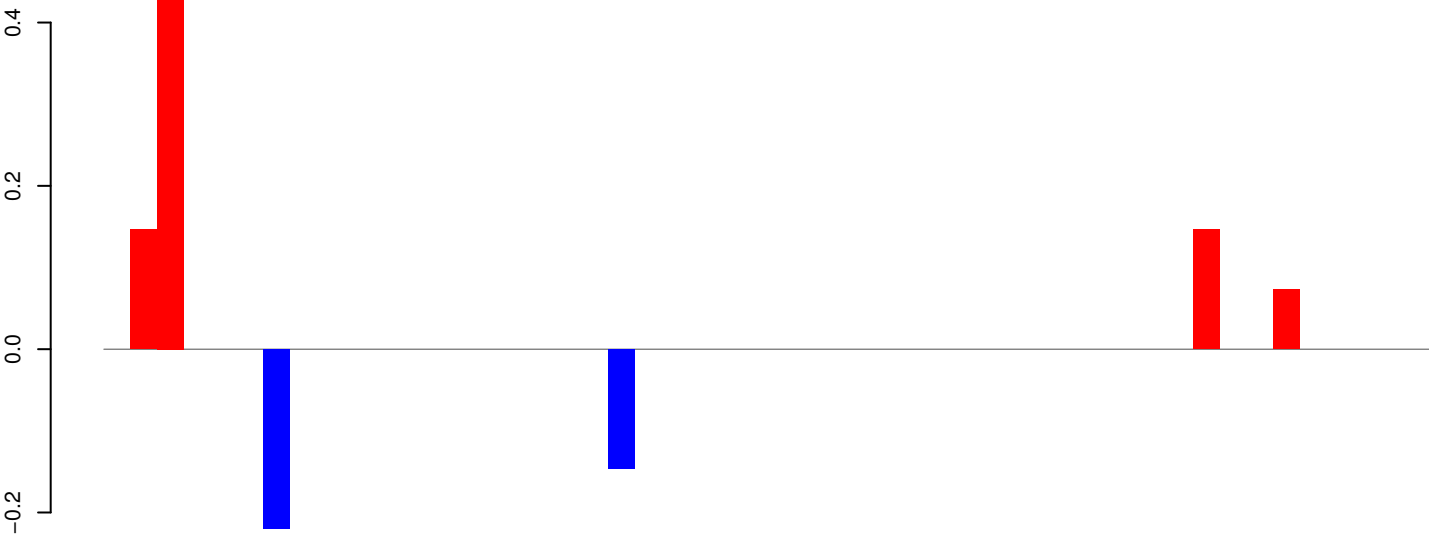


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



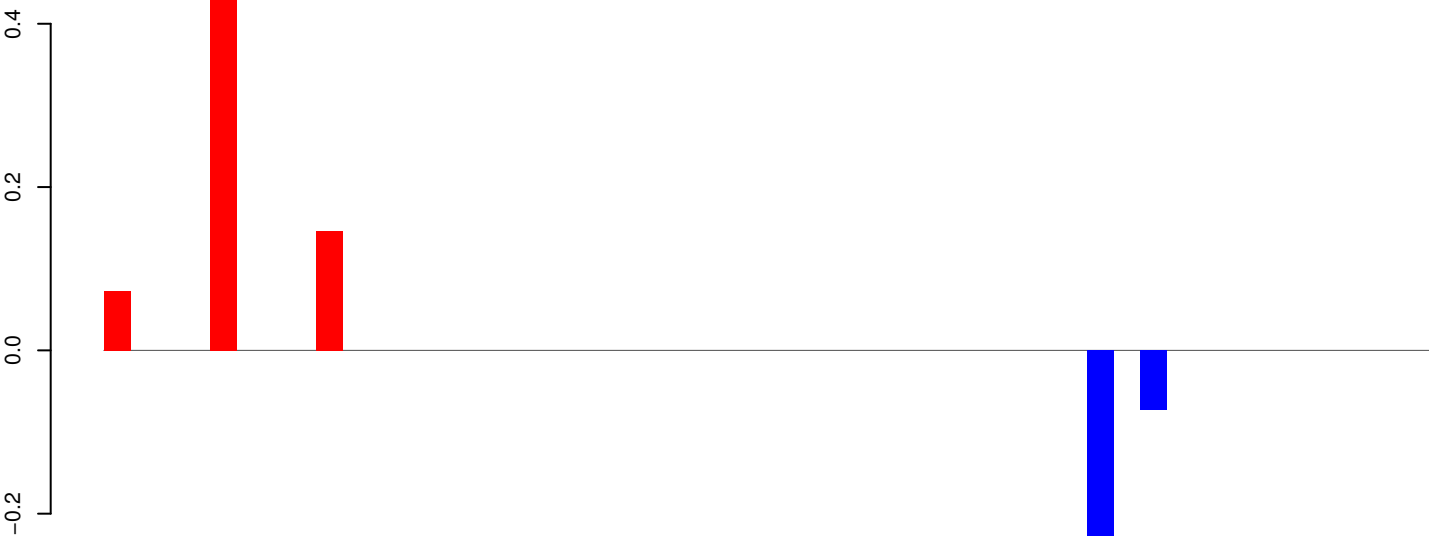
Window size=25, length=2154, T@Shinagawa-10\_A Ae:1-2154

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



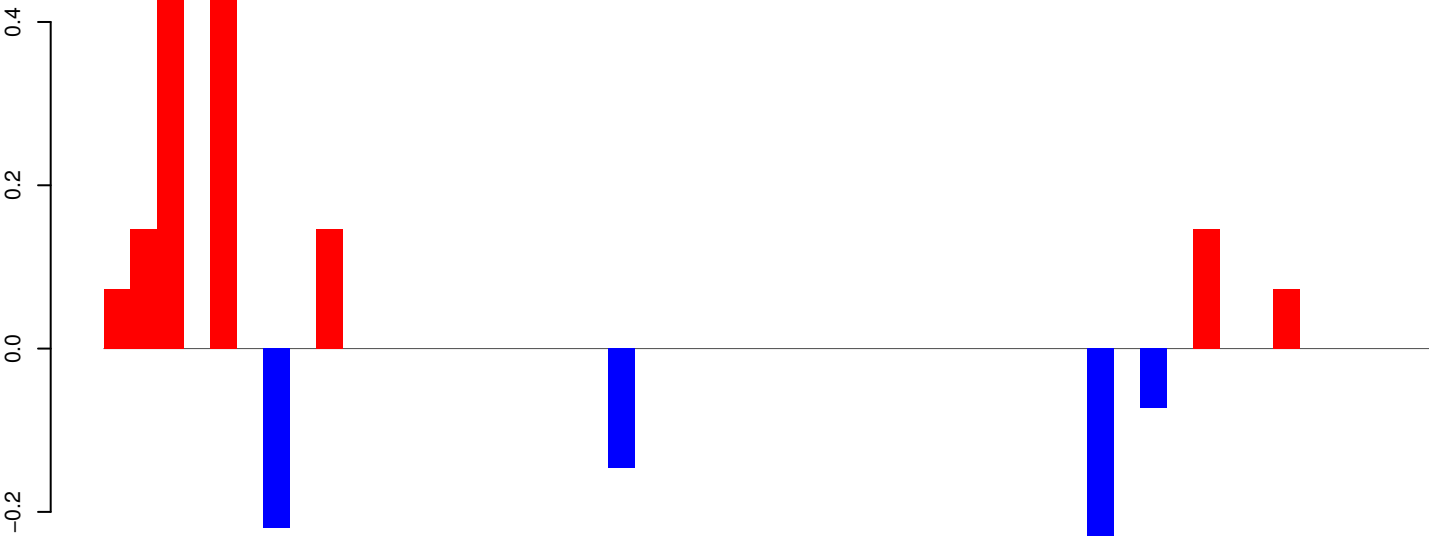
positive=1, negative=0, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=0, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



positive=1, negative=1, total=2

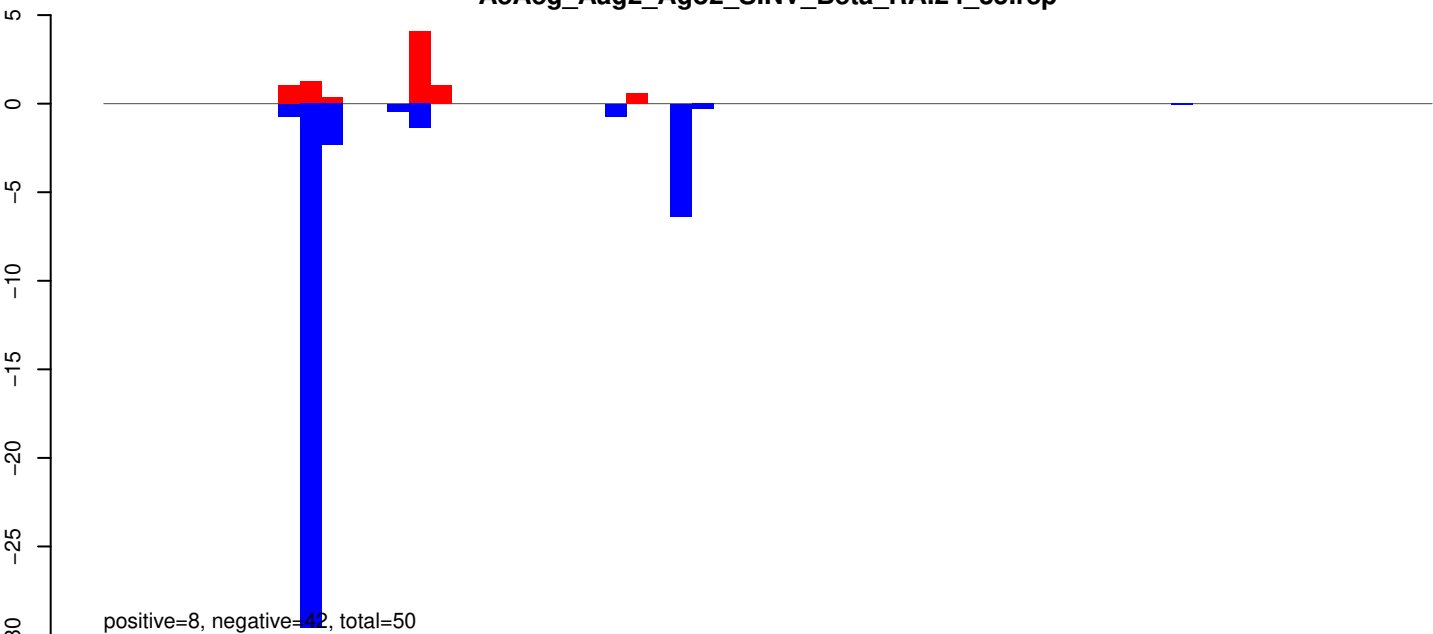
Window size=25, length=1248, TE@R=203-UNKNOWN:1-1248

0 200 400 600 800 1000 1200

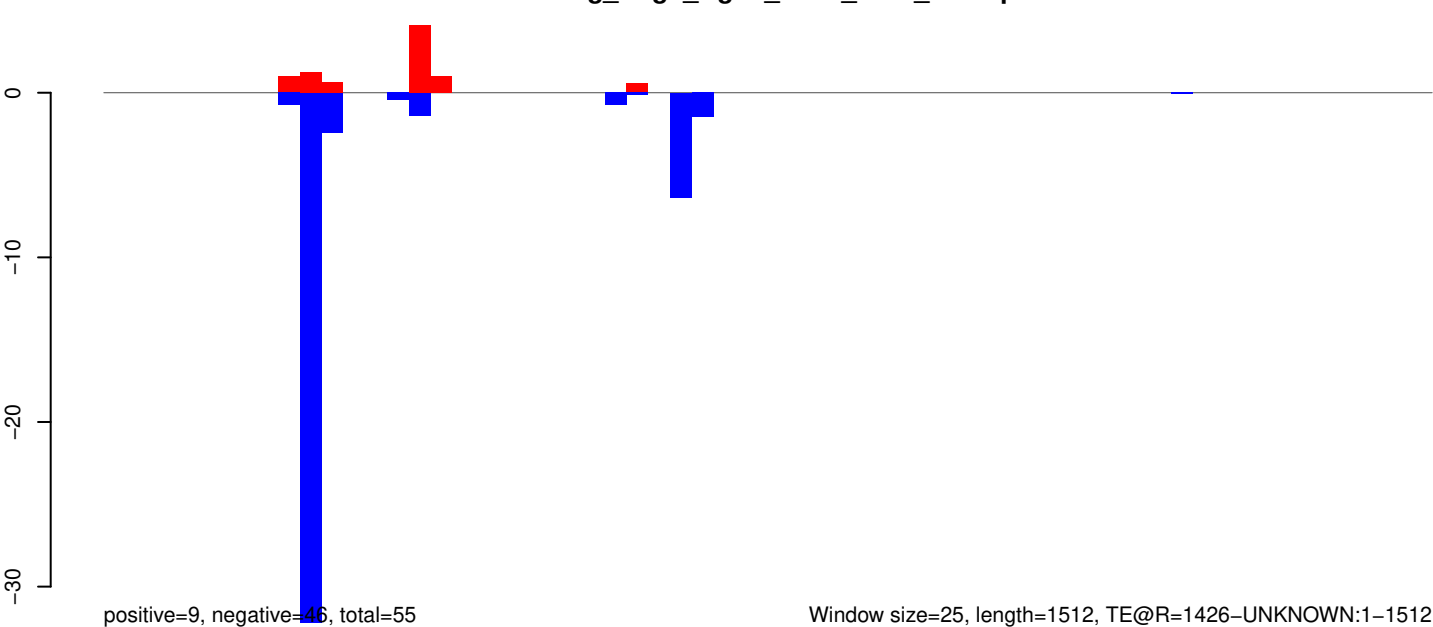
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

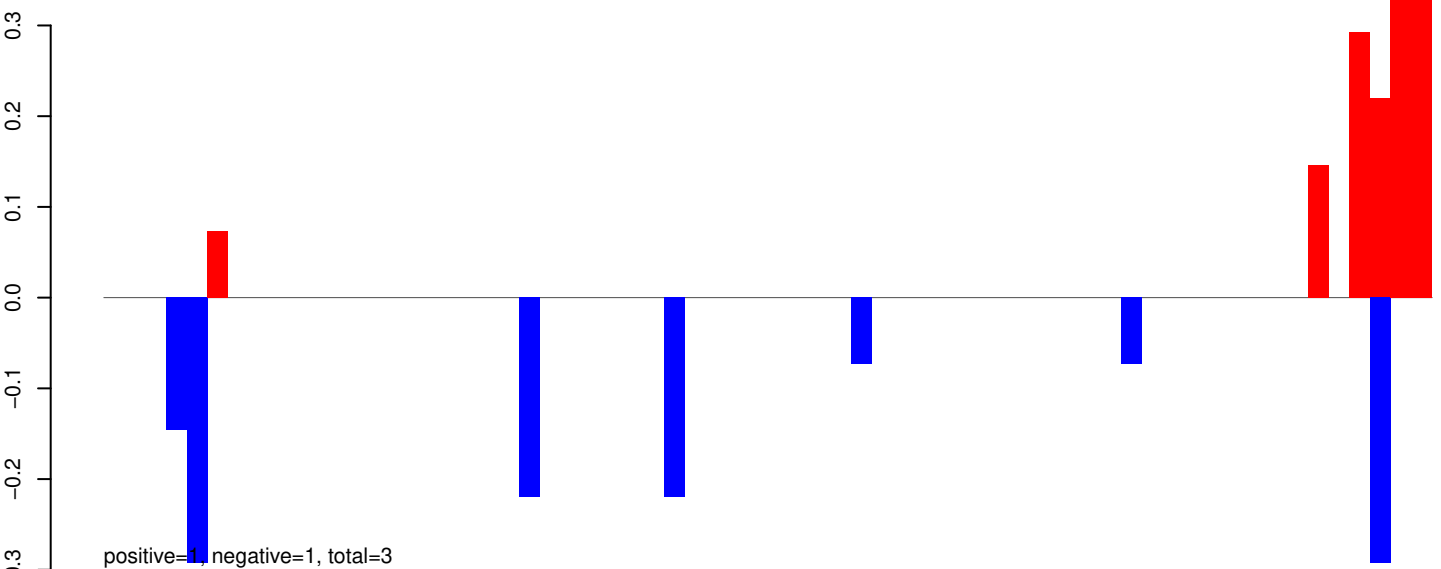


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

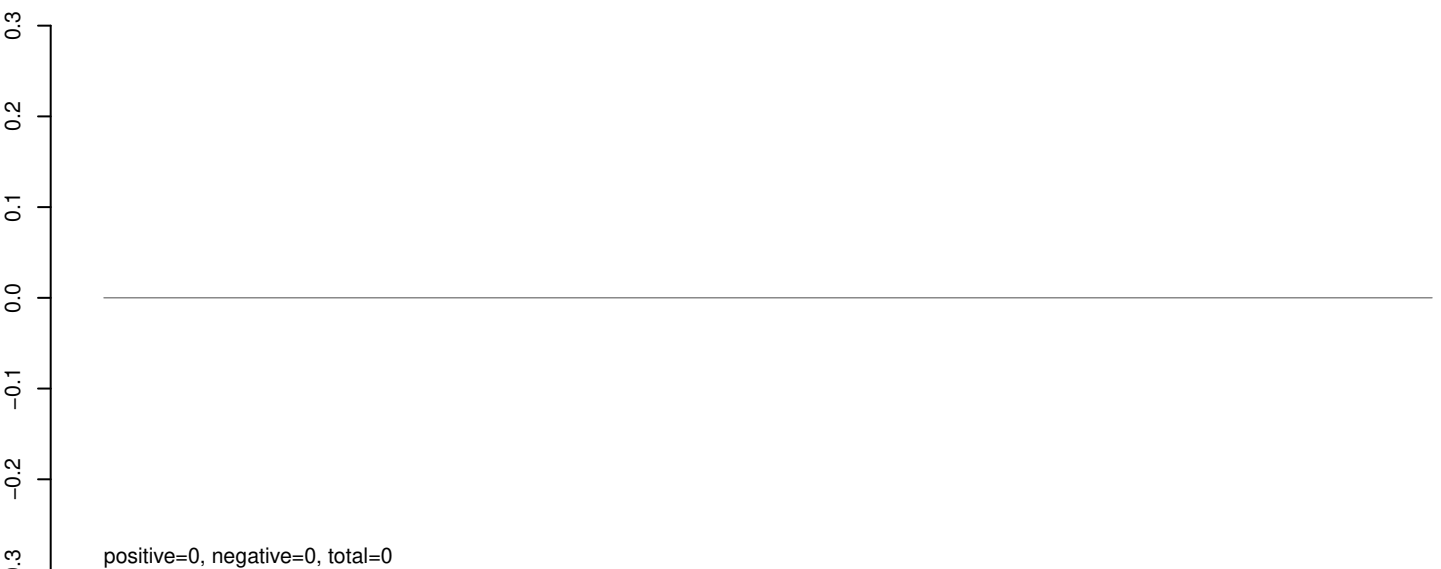


Window size=25, length=1512, TE@R=1426-UNKNOWN:1-1512

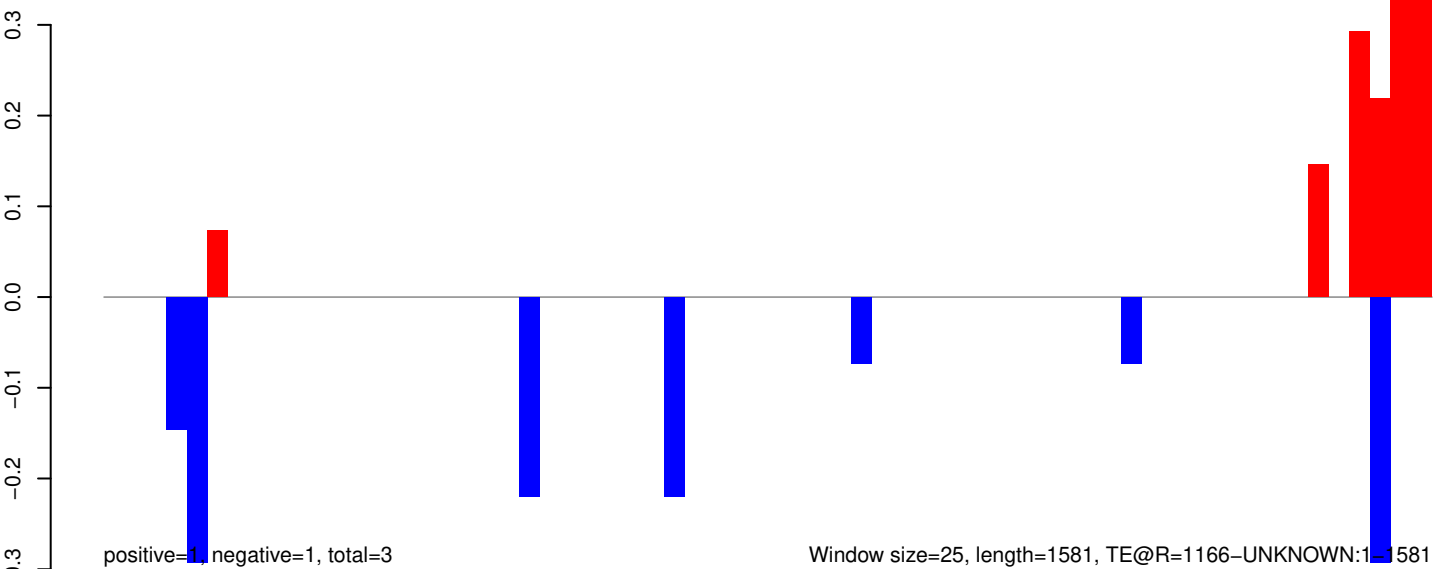
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



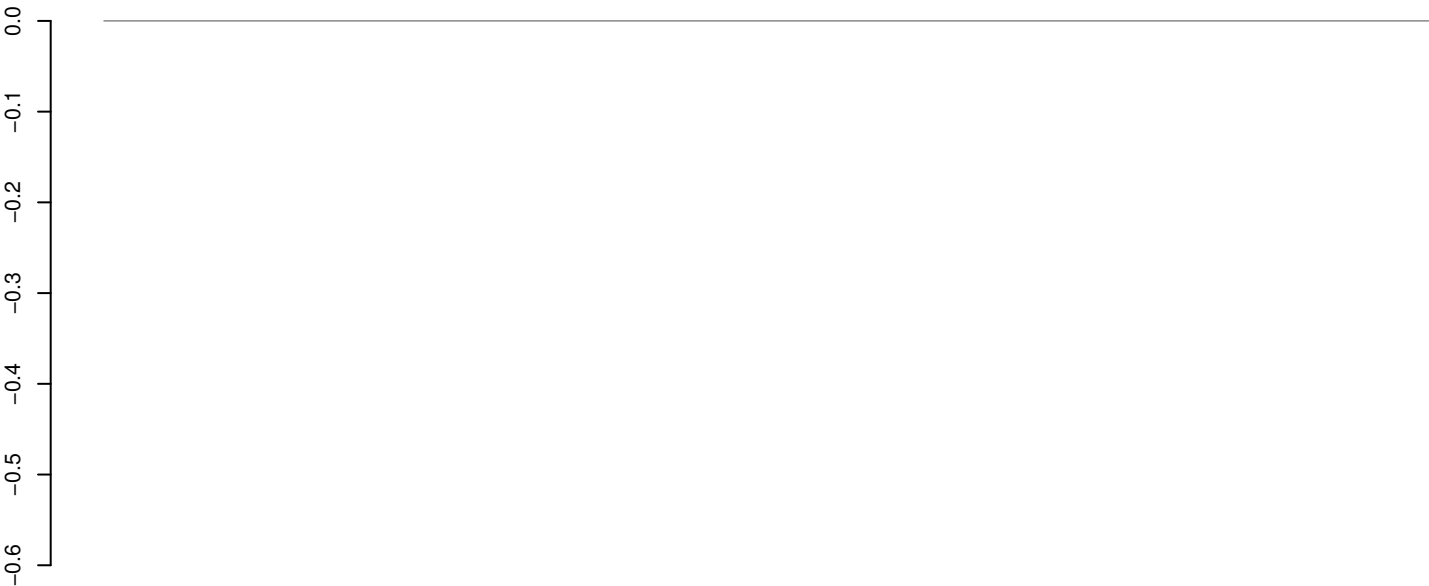
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

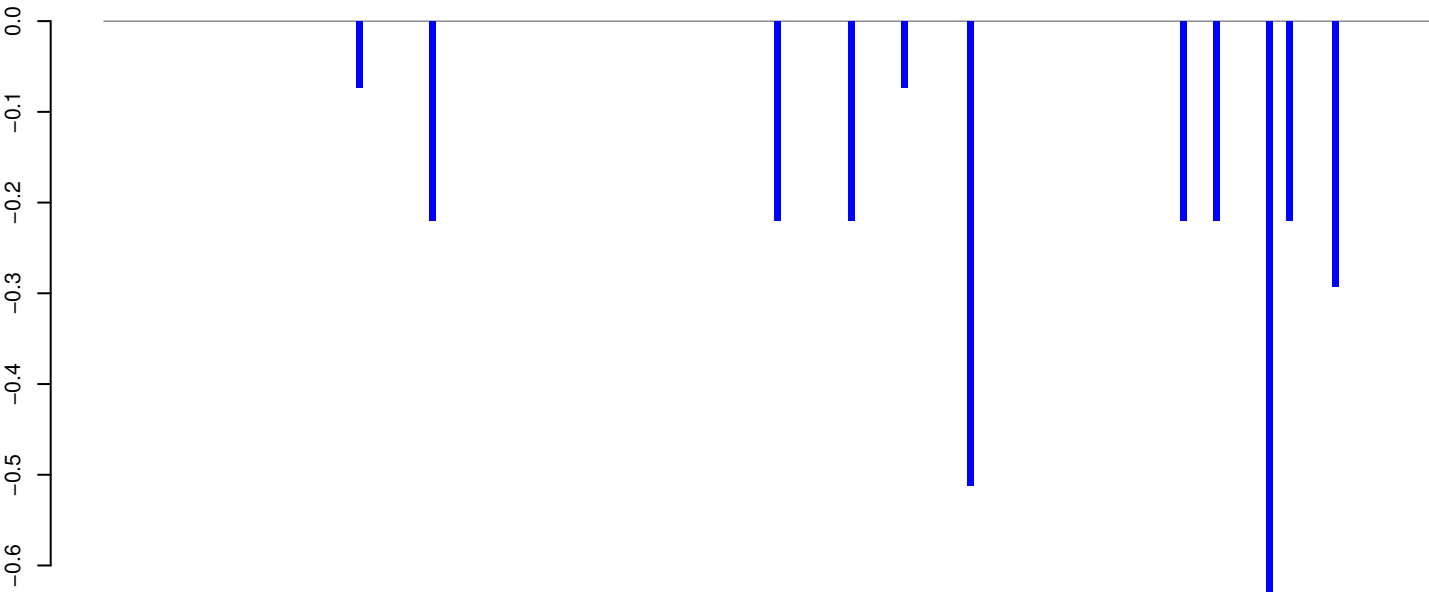


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



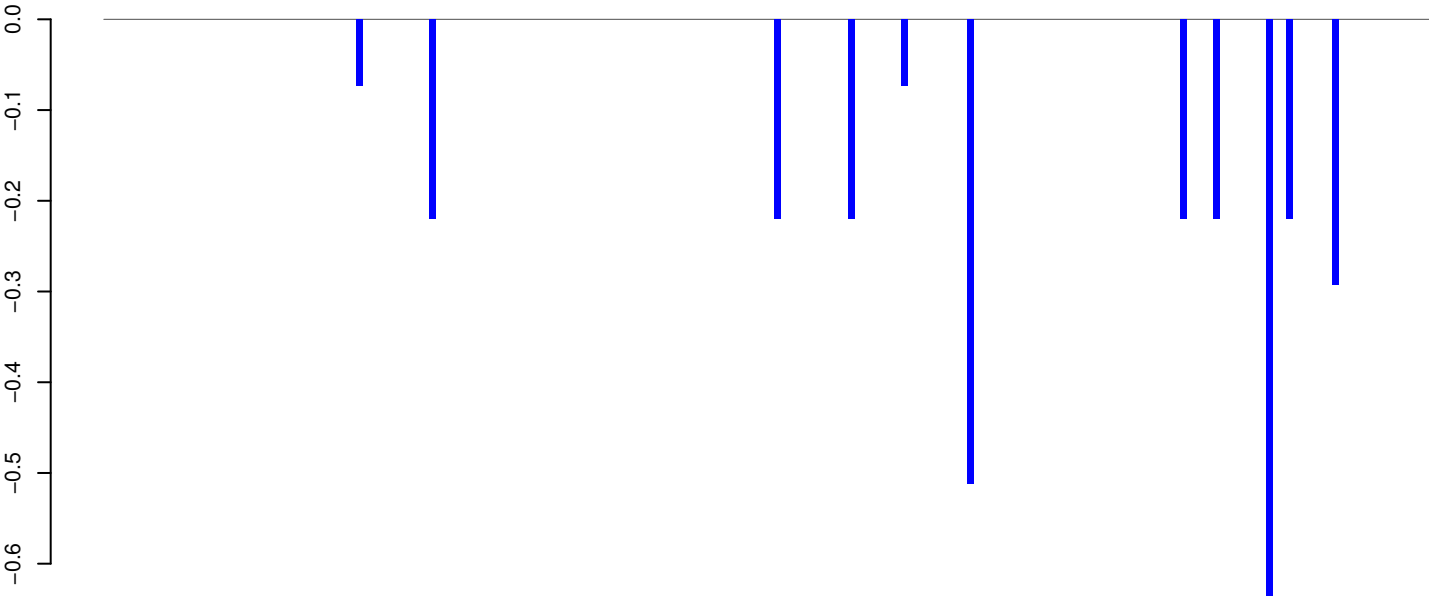
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



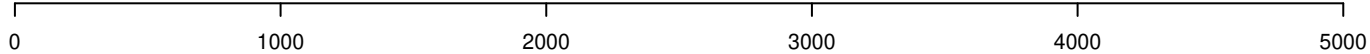
positive=0, negative=3, total=3

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

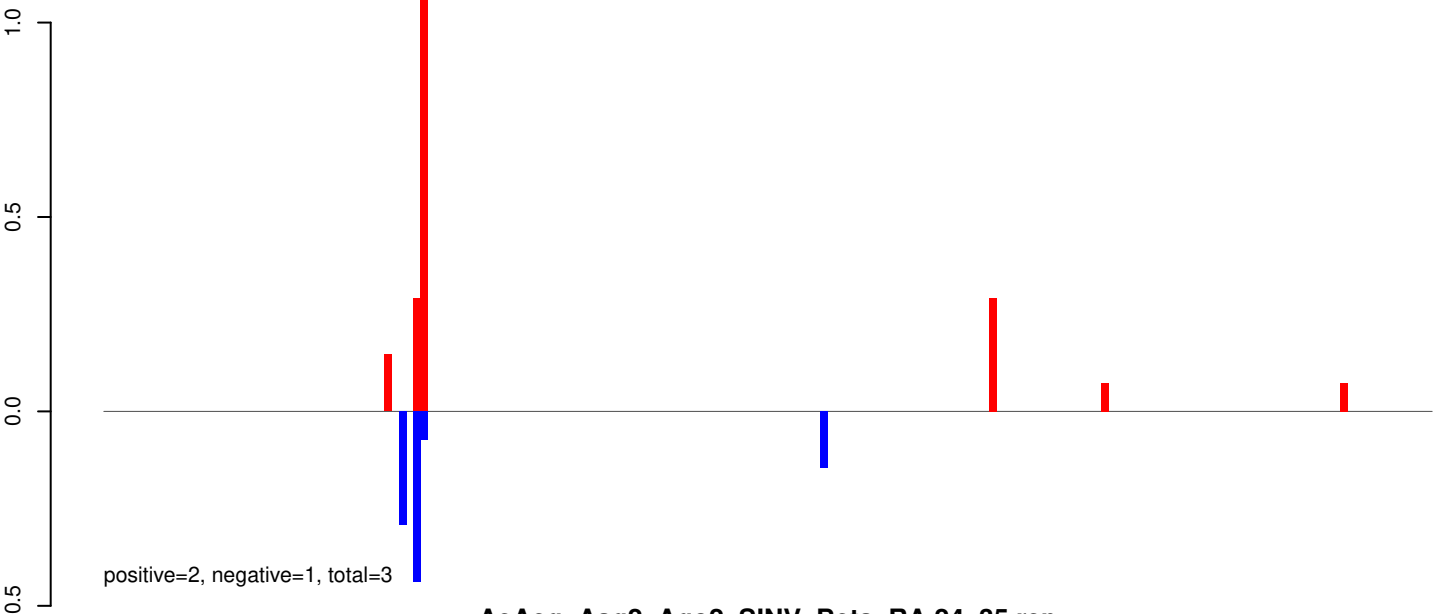


positive=0, negative=3, total=3

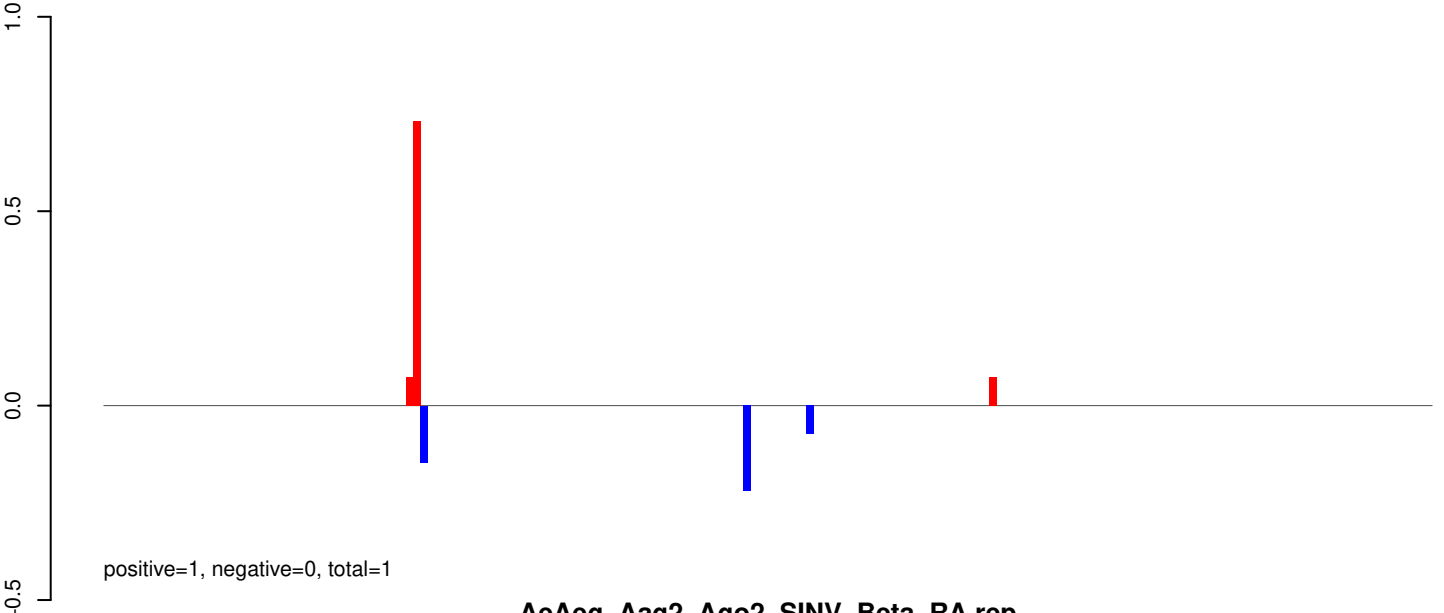
Window size=25, length=4983, TE@L15\_Ae:1-4983



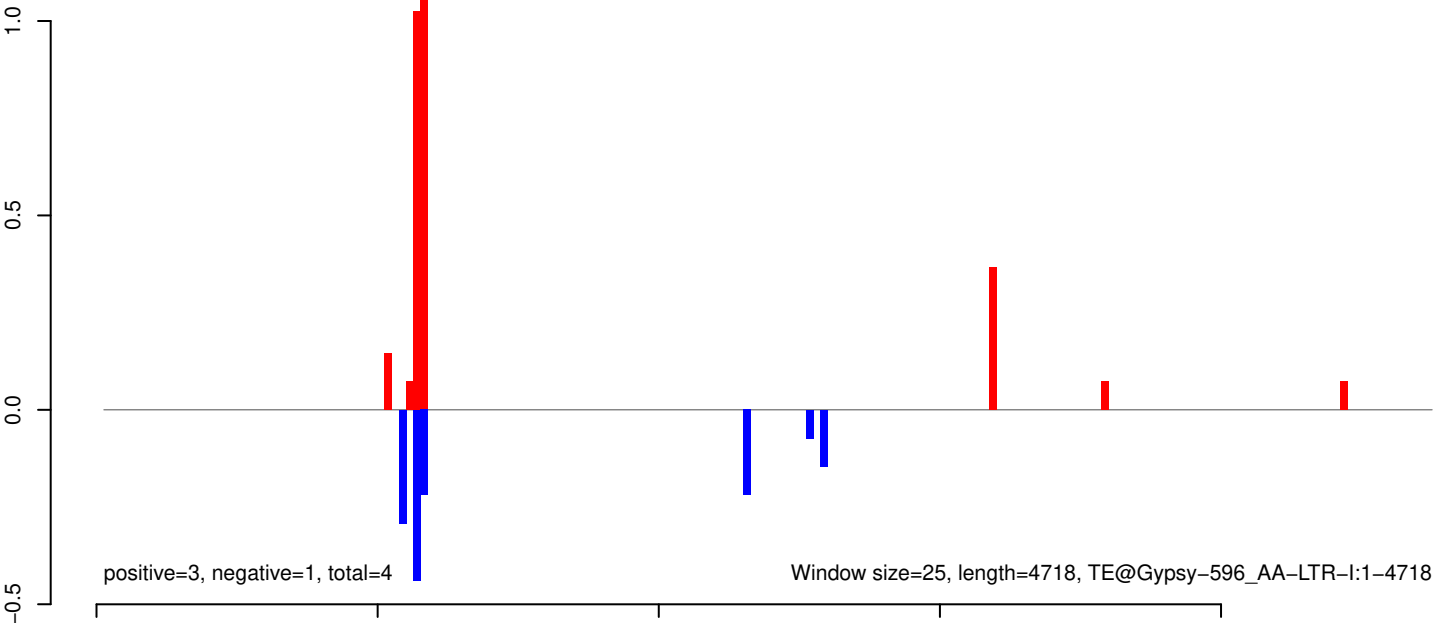
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

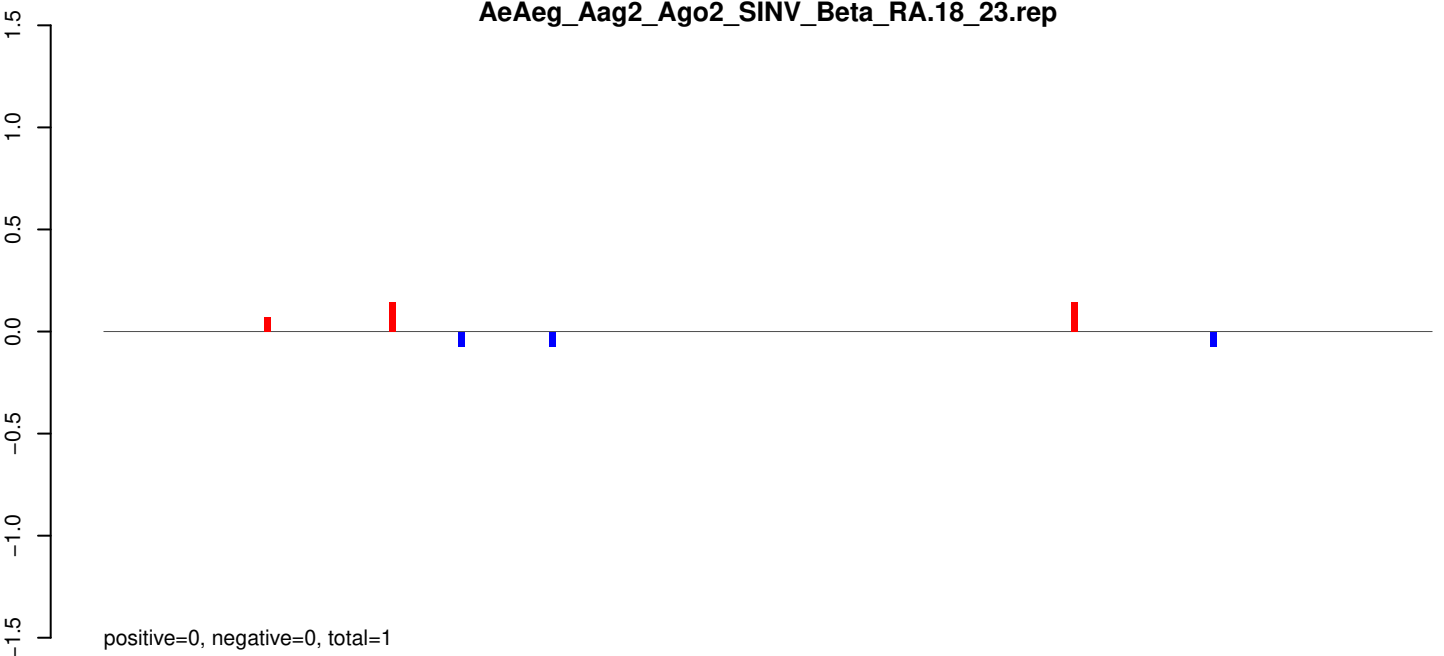


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

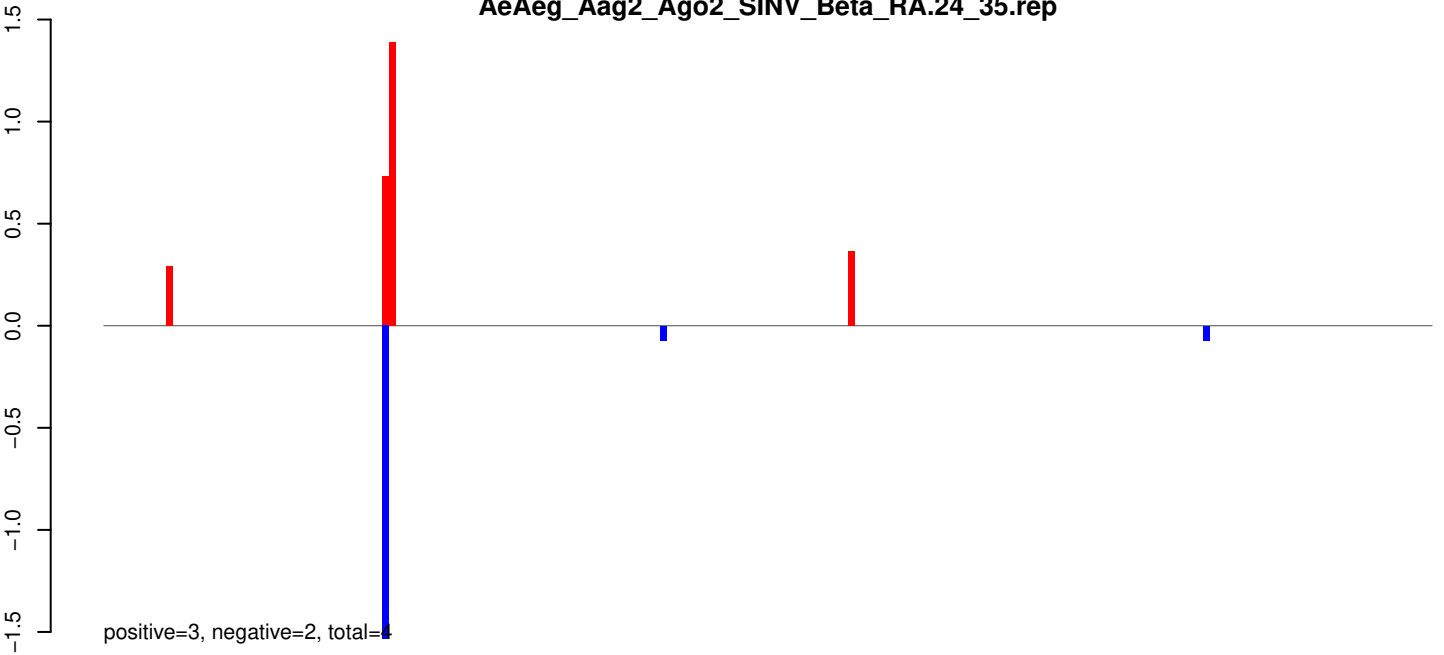




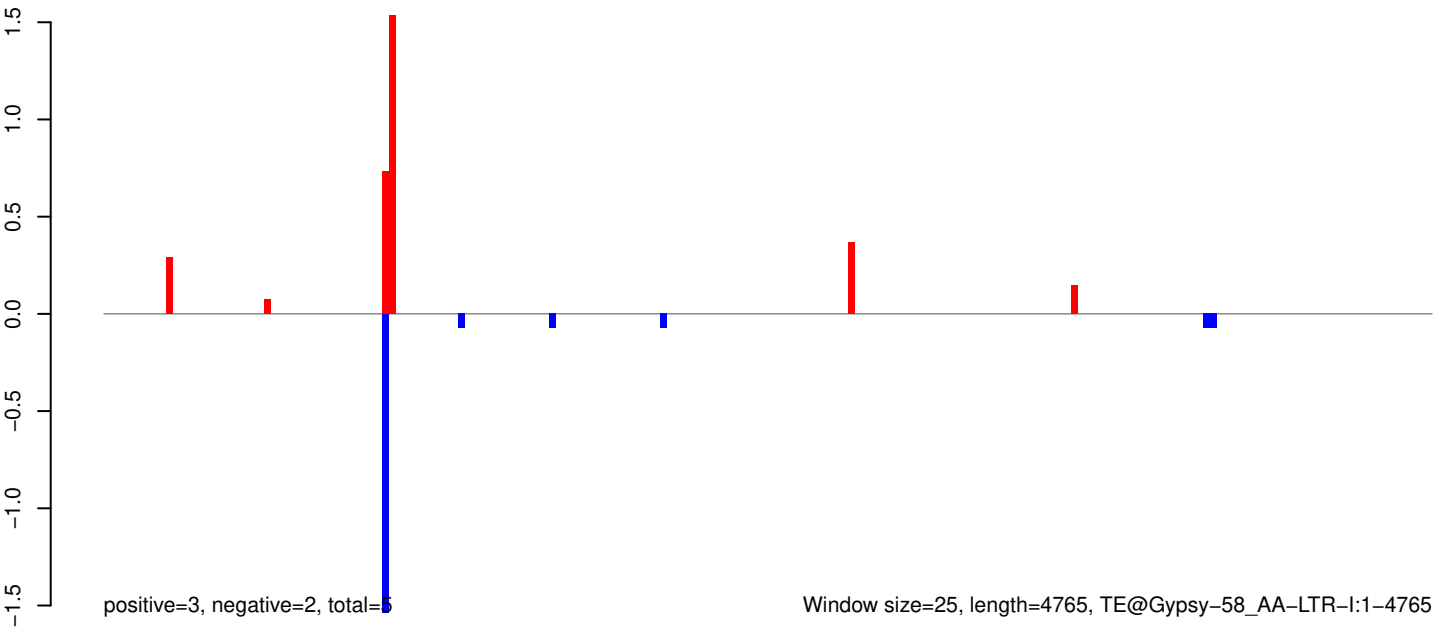
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



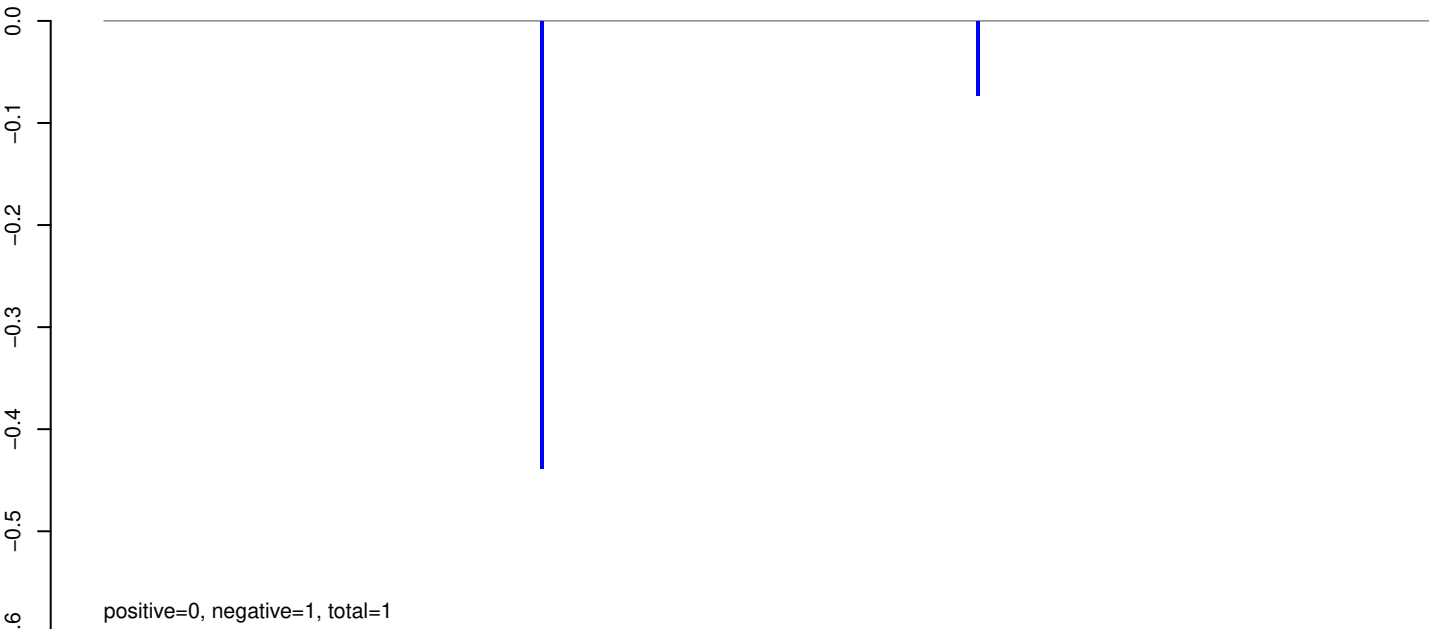
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



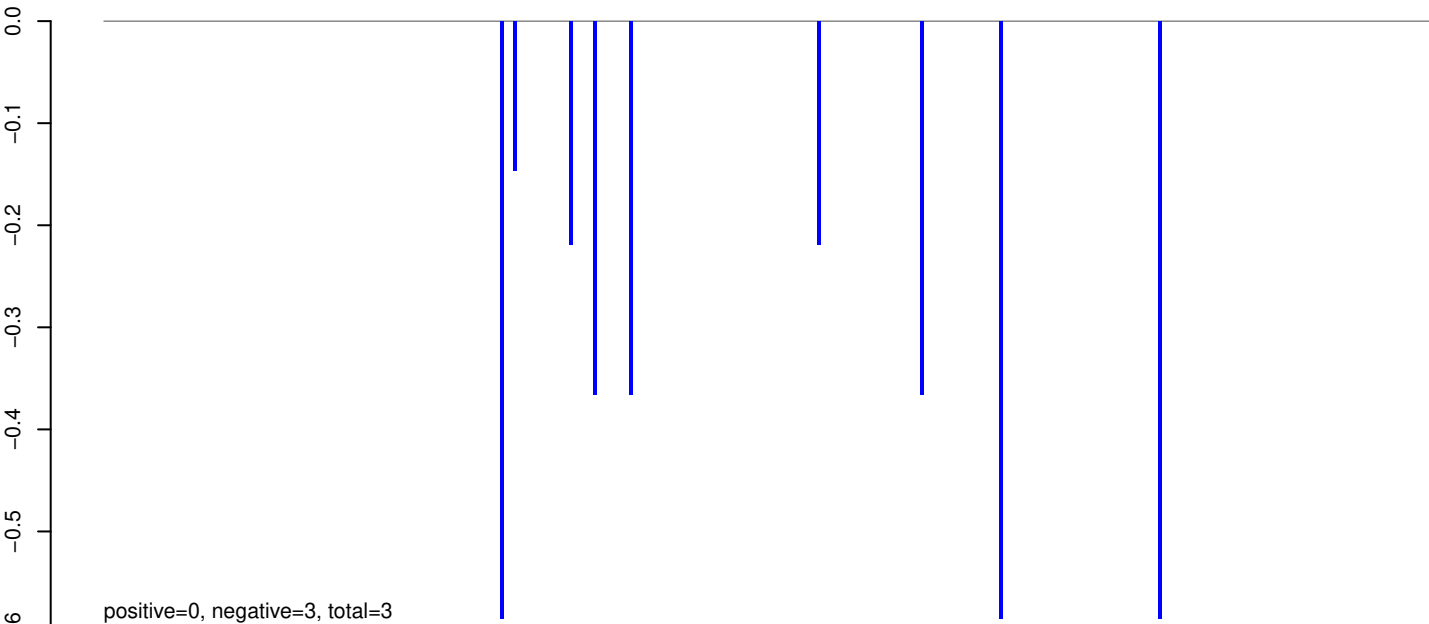
Window size=25, length=4765, TE@Gypsy-58\_AA-LTR-I:1-4765

0 1000 2000 3000 4000

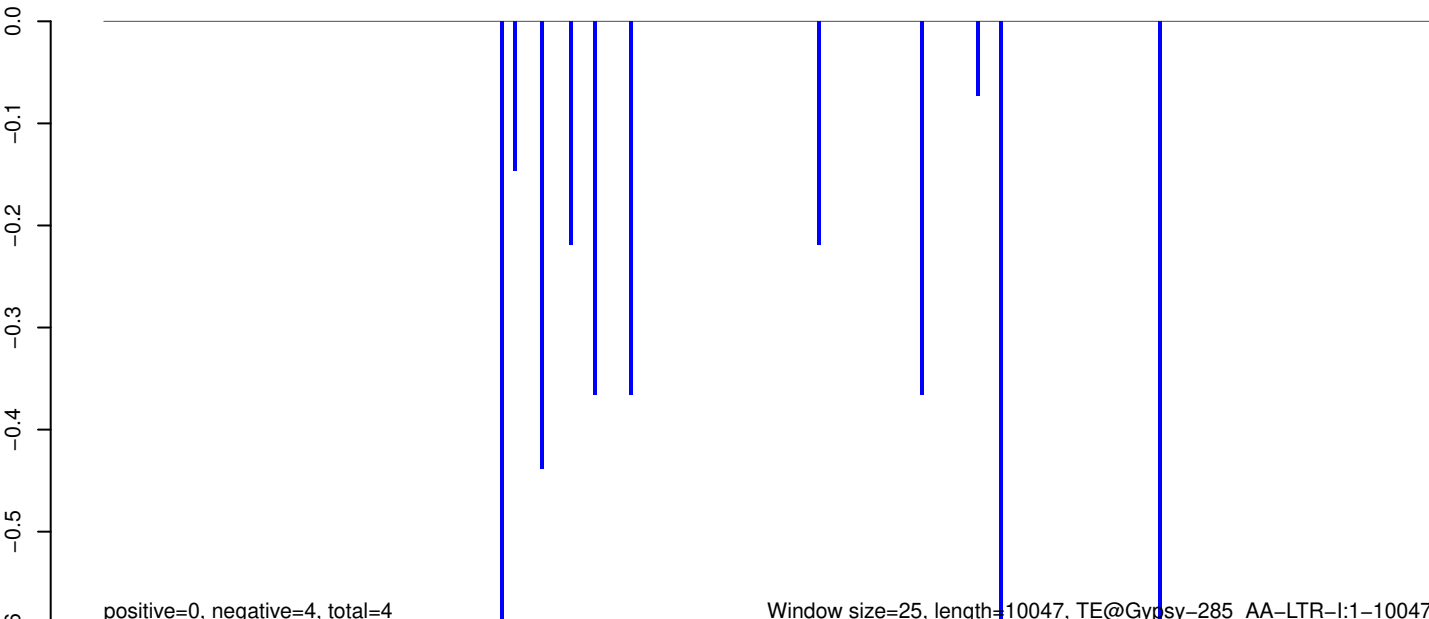
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

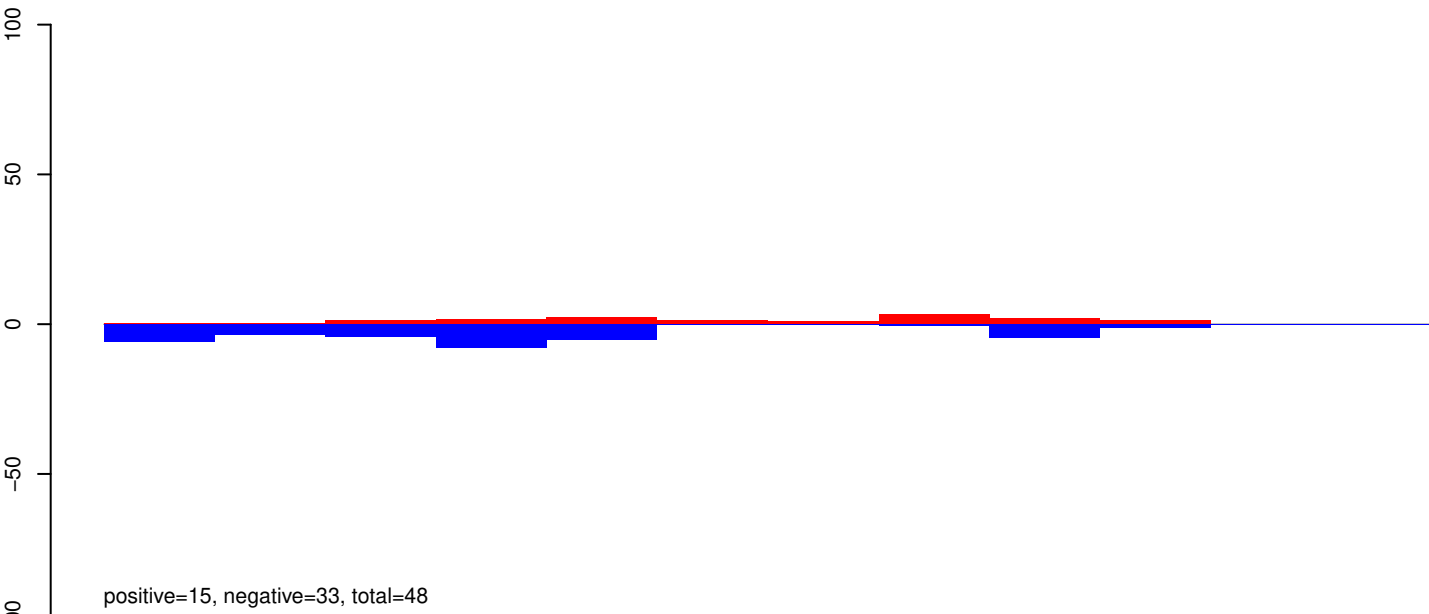


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

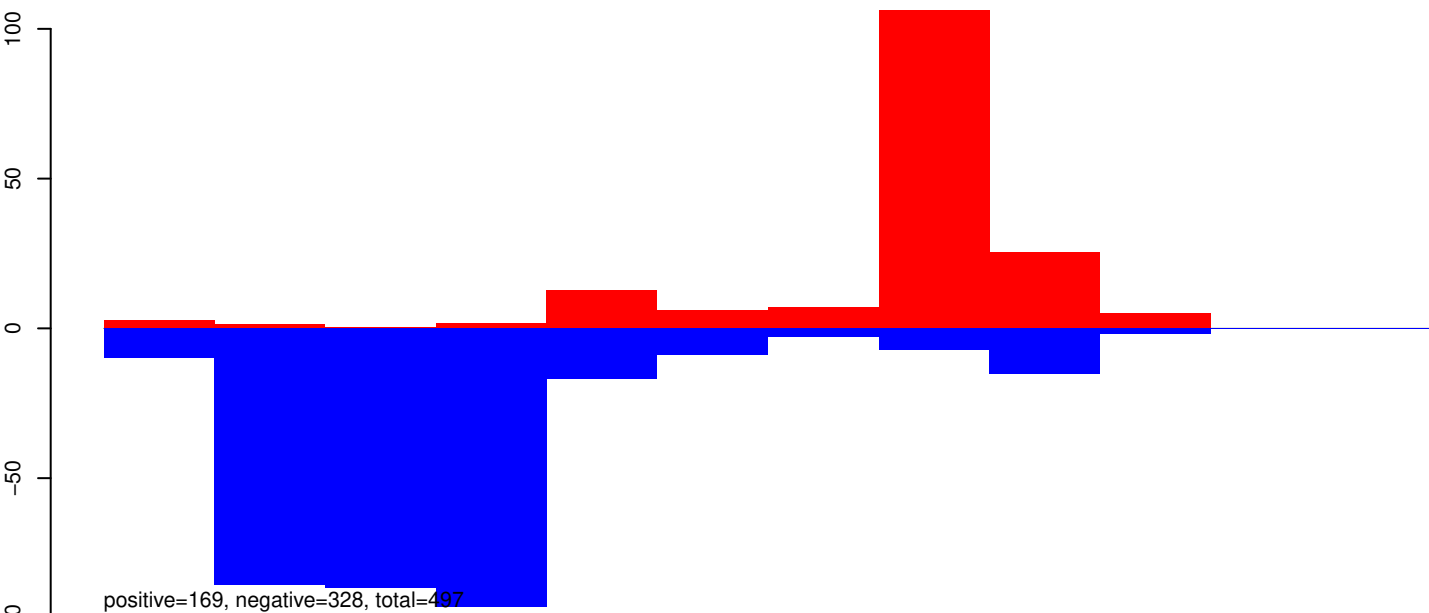


Window size=25, length=10047, TE@Gypsy-285\_AA-LTR-l:1-10047

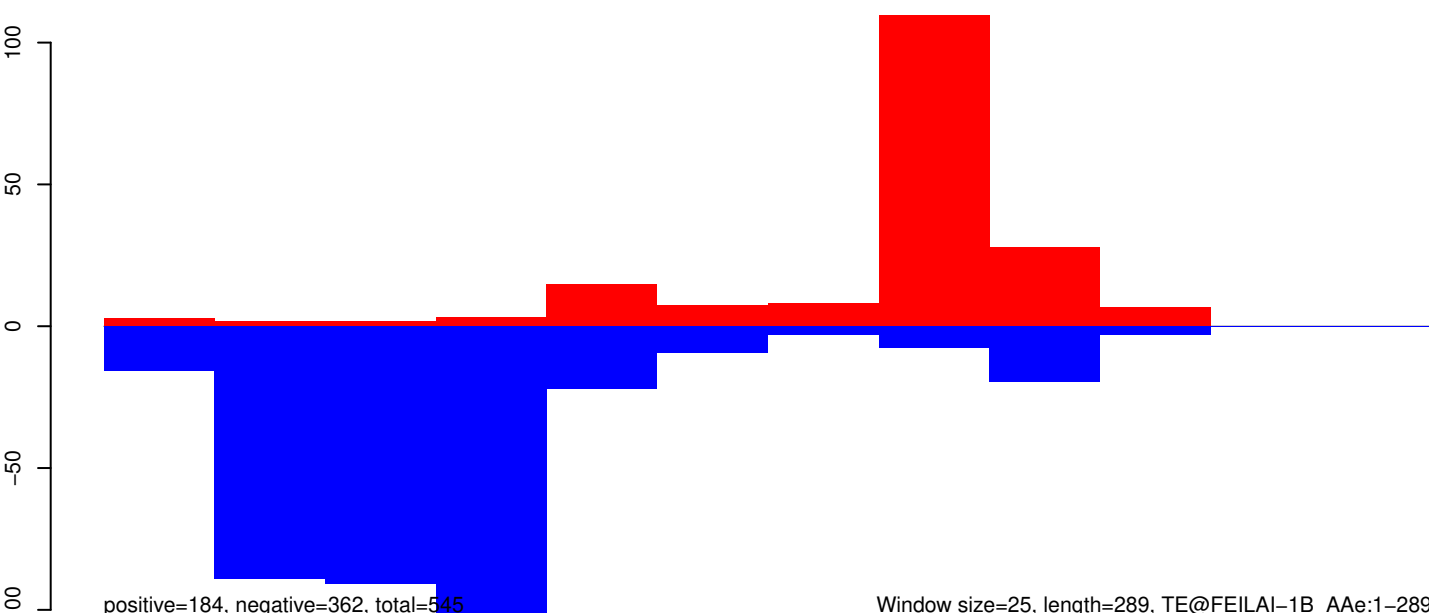
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



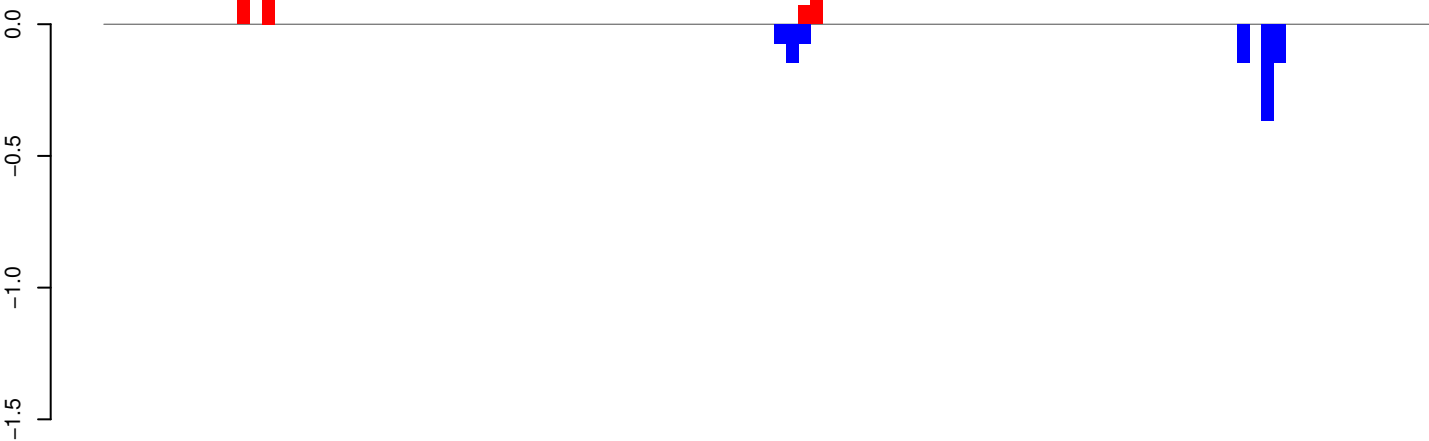
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=289, TE@FEILAI-1B\_AAe:1-289

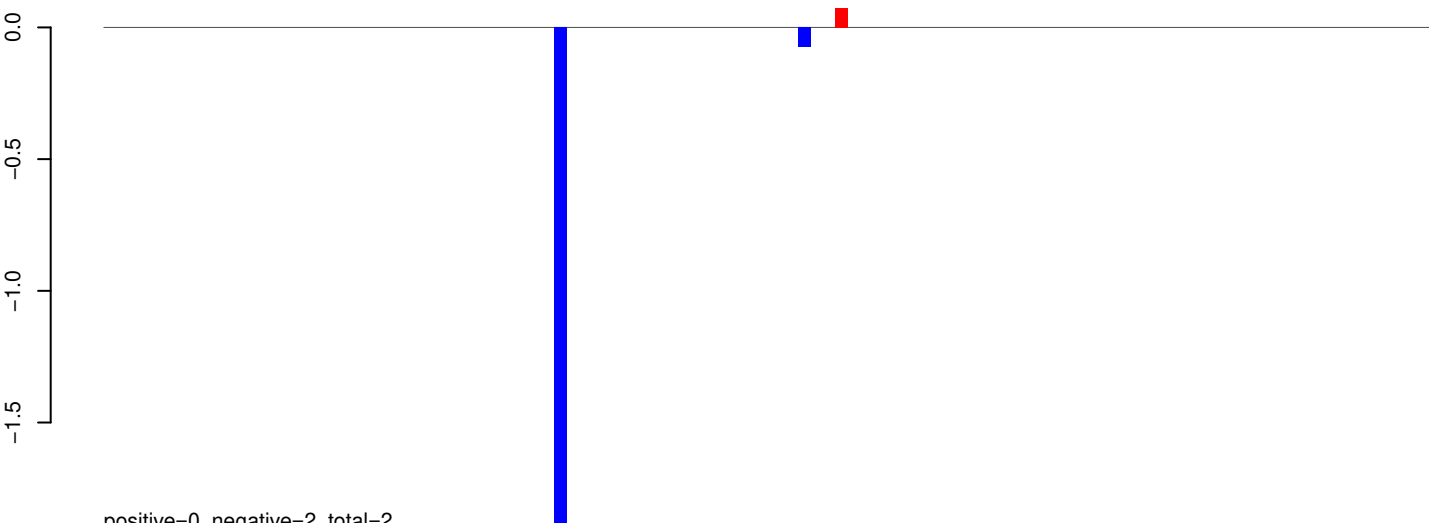
50 100 150 200 250 300

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



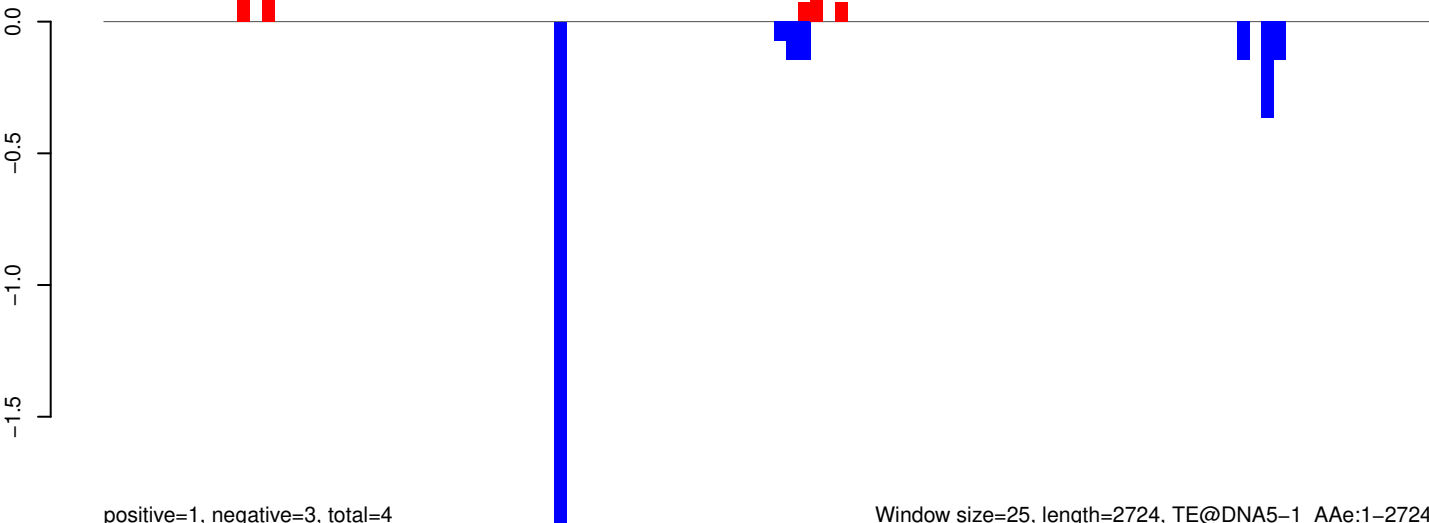
positive=1, negative=1, total=2

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=2, total=2

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

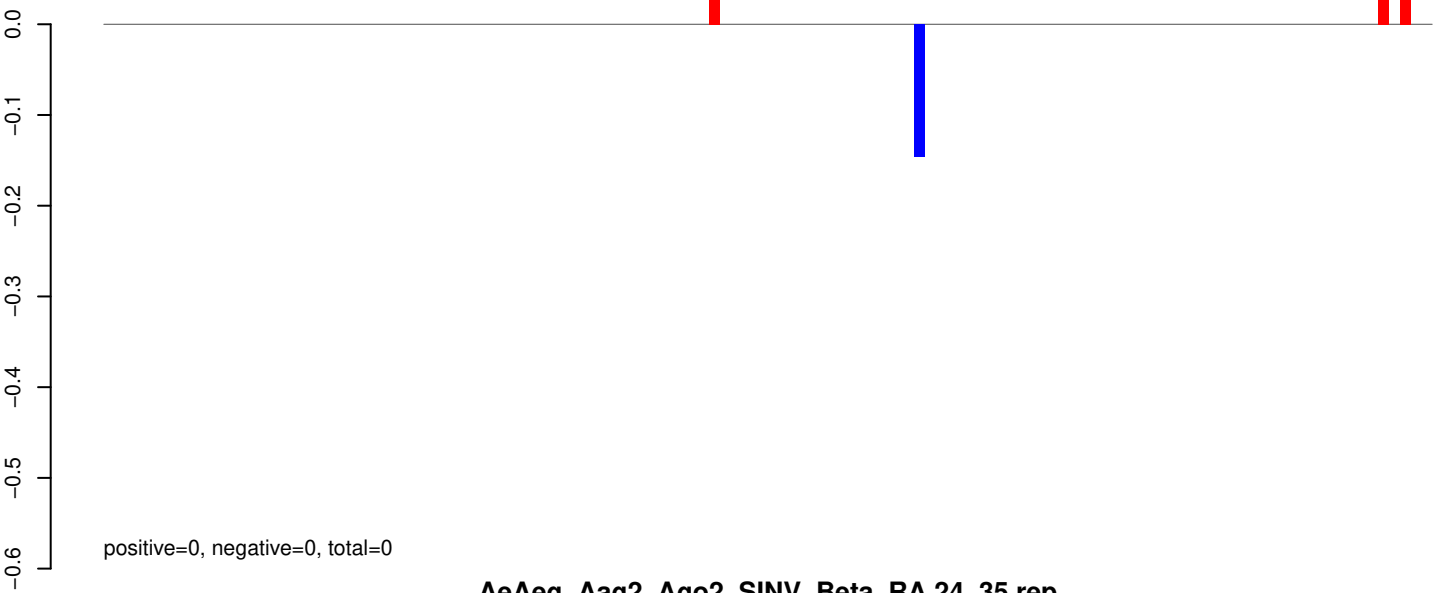


positive=1, negative=3, total=4

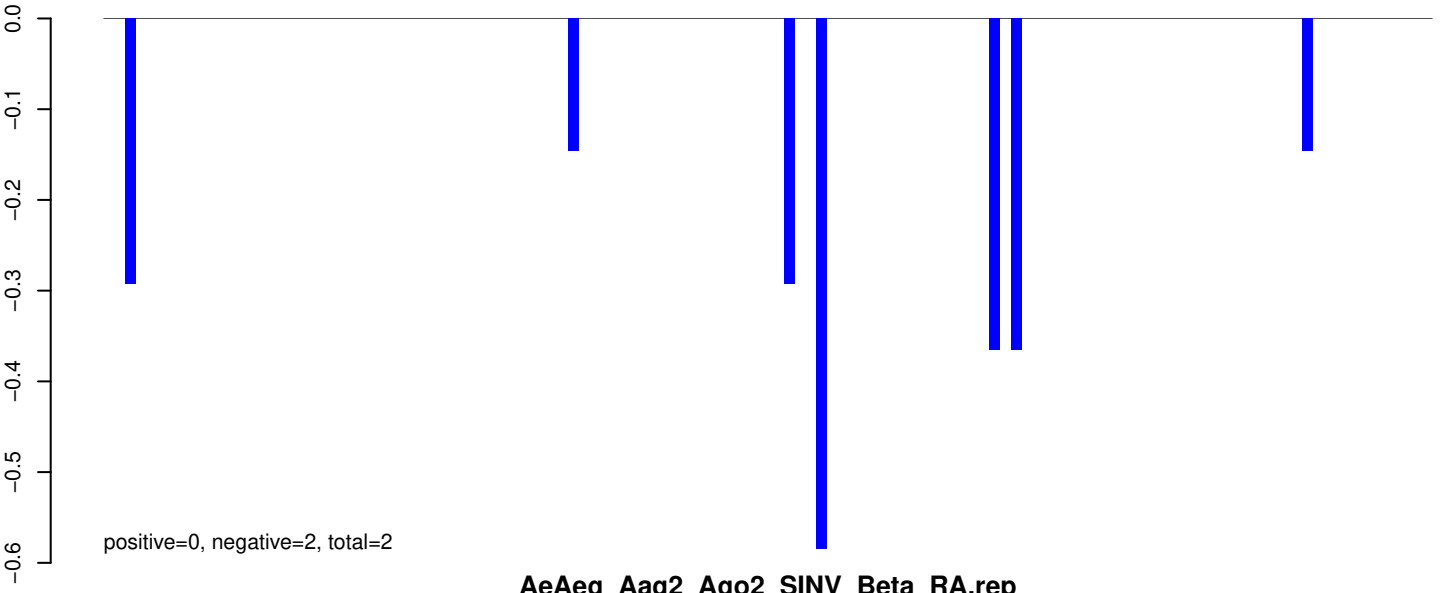
Window size=25, length=2724, TE@DNA5-1\_A Ae:1-2724

0 500 1000 1500 2000 2500

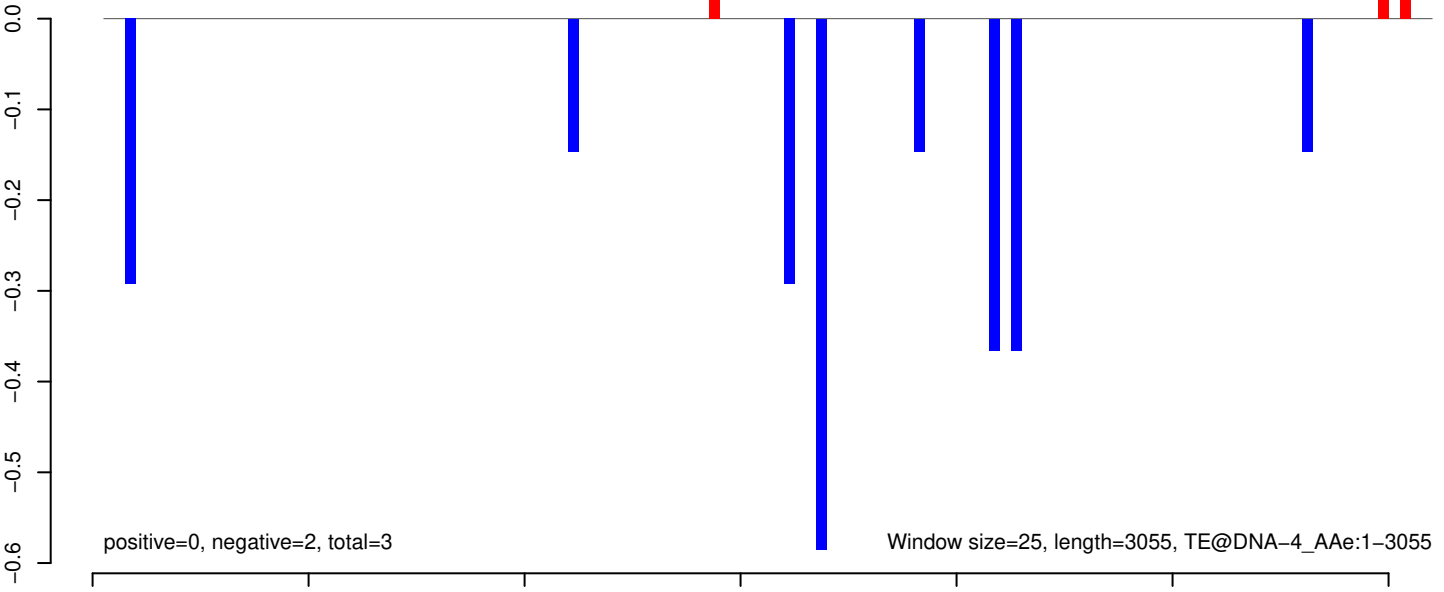
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



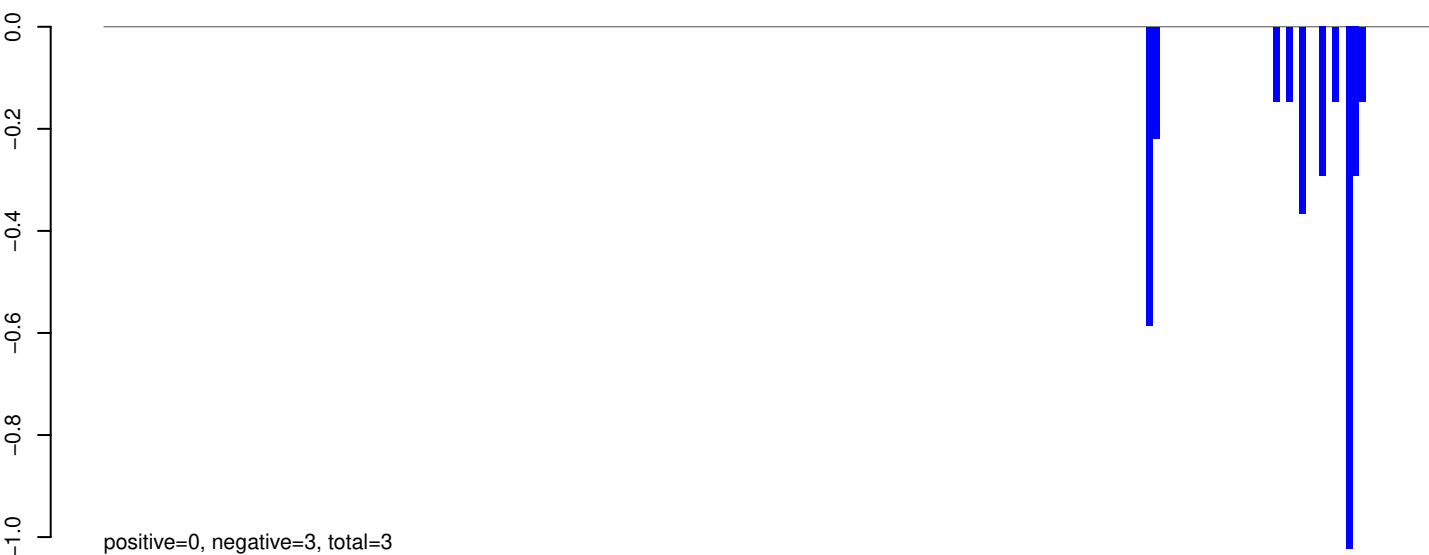
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



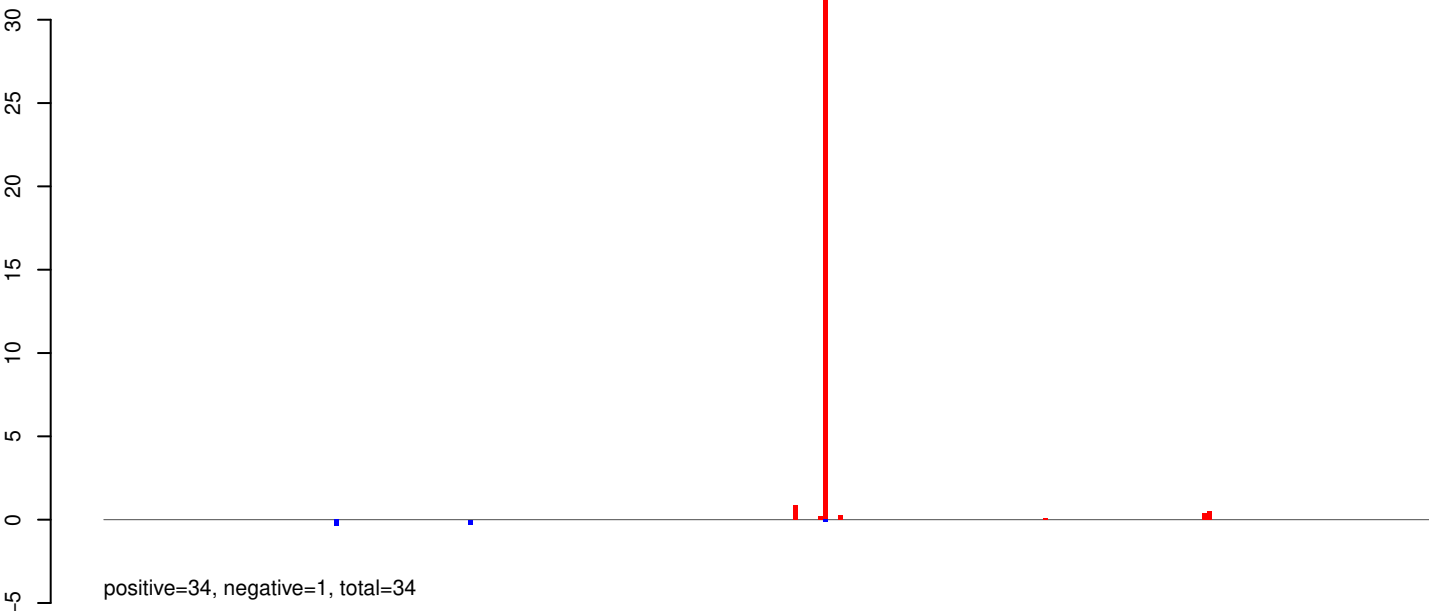
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



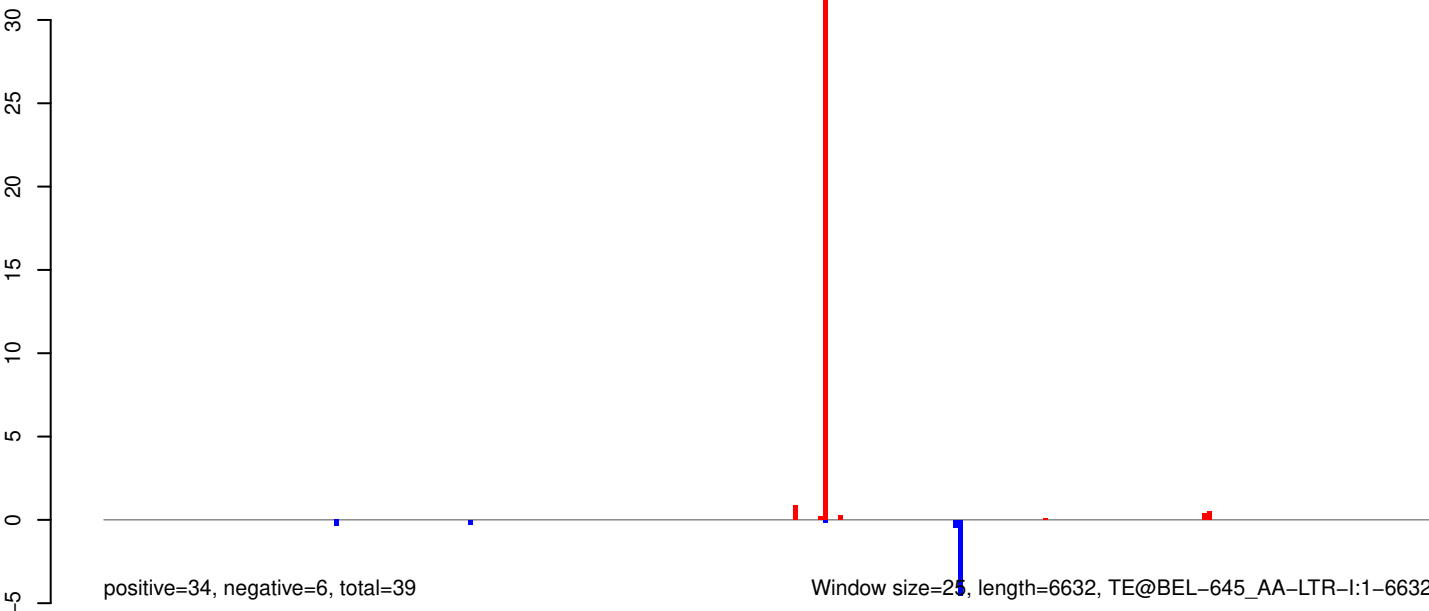
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

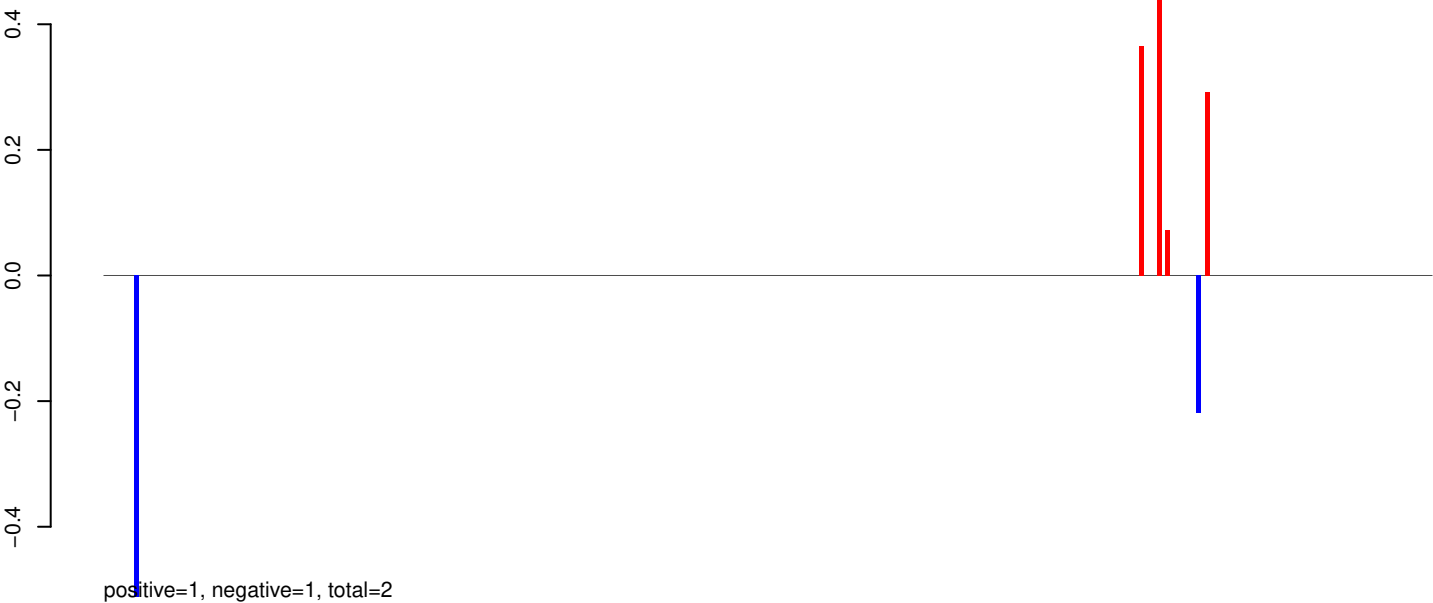


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

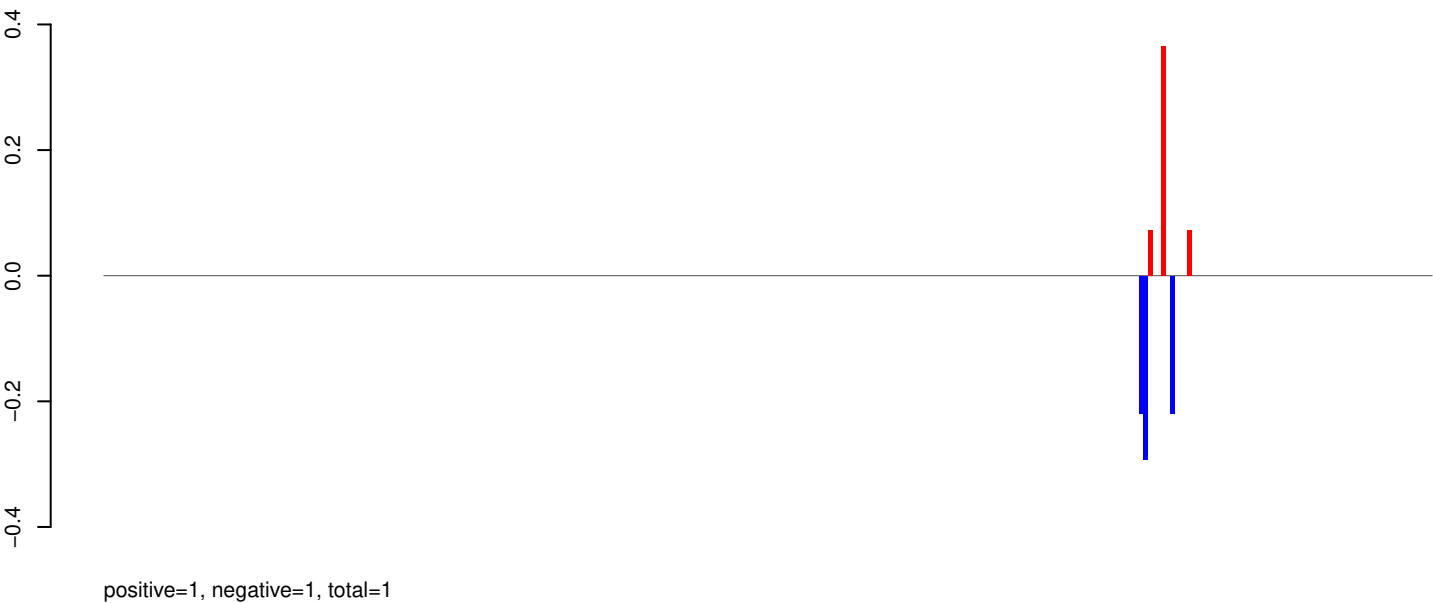


0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

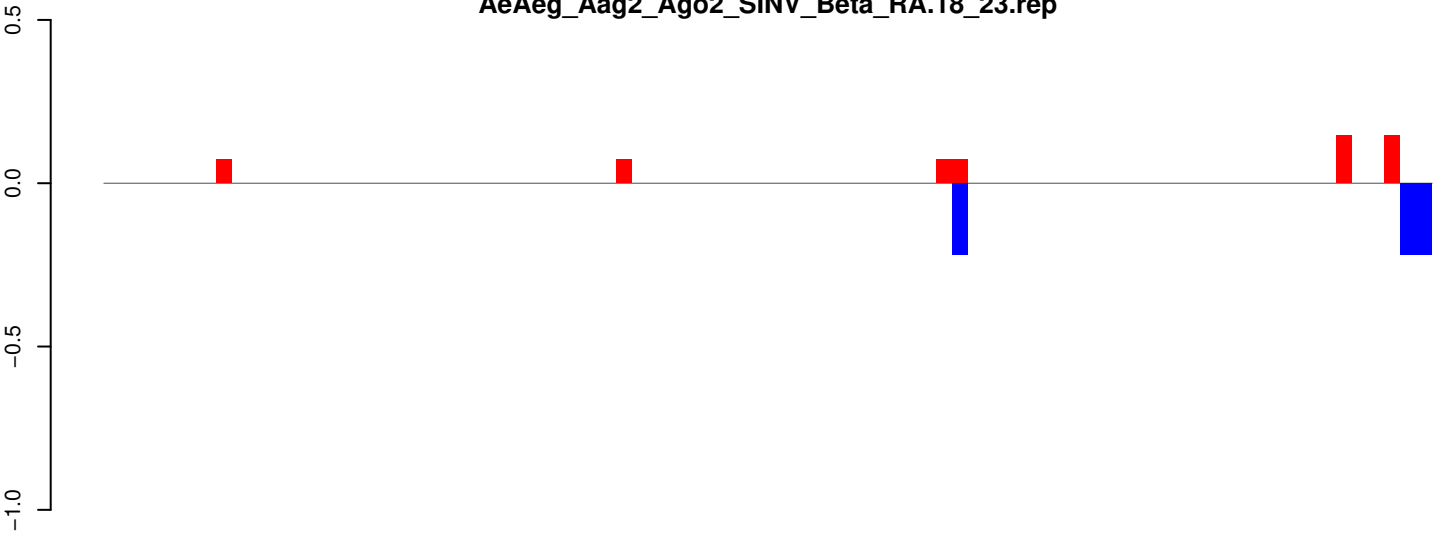


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



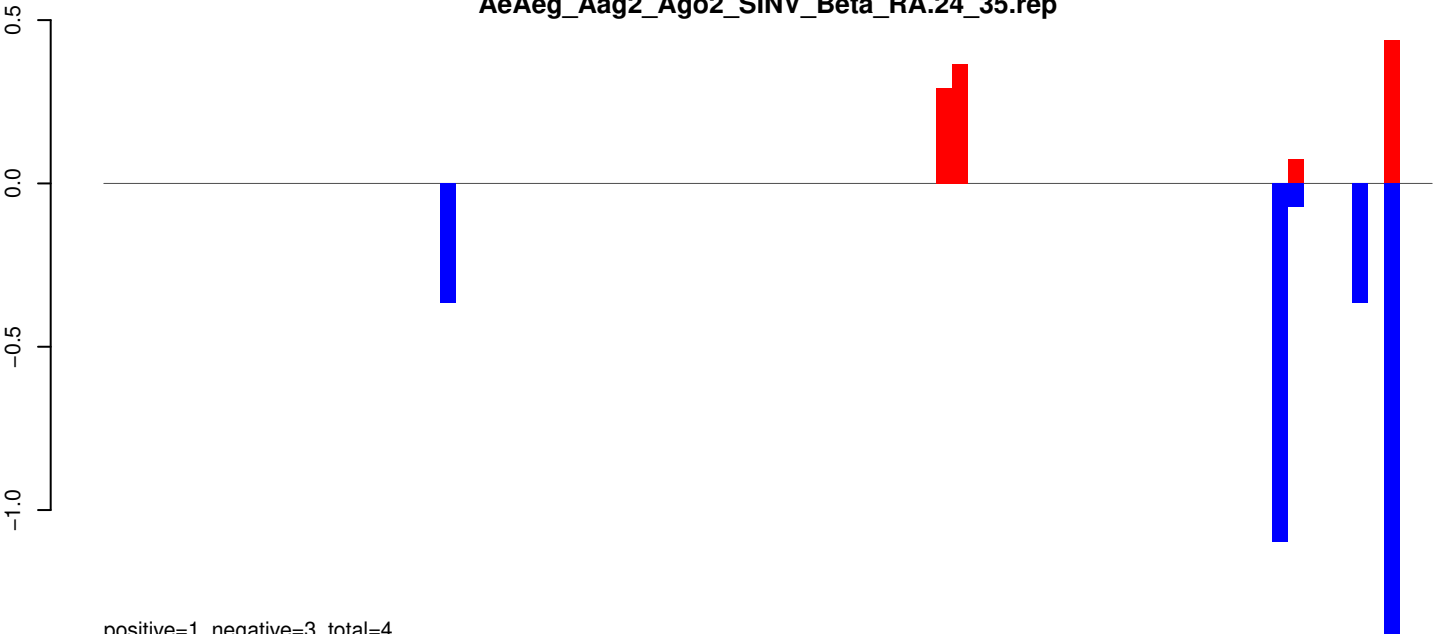


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



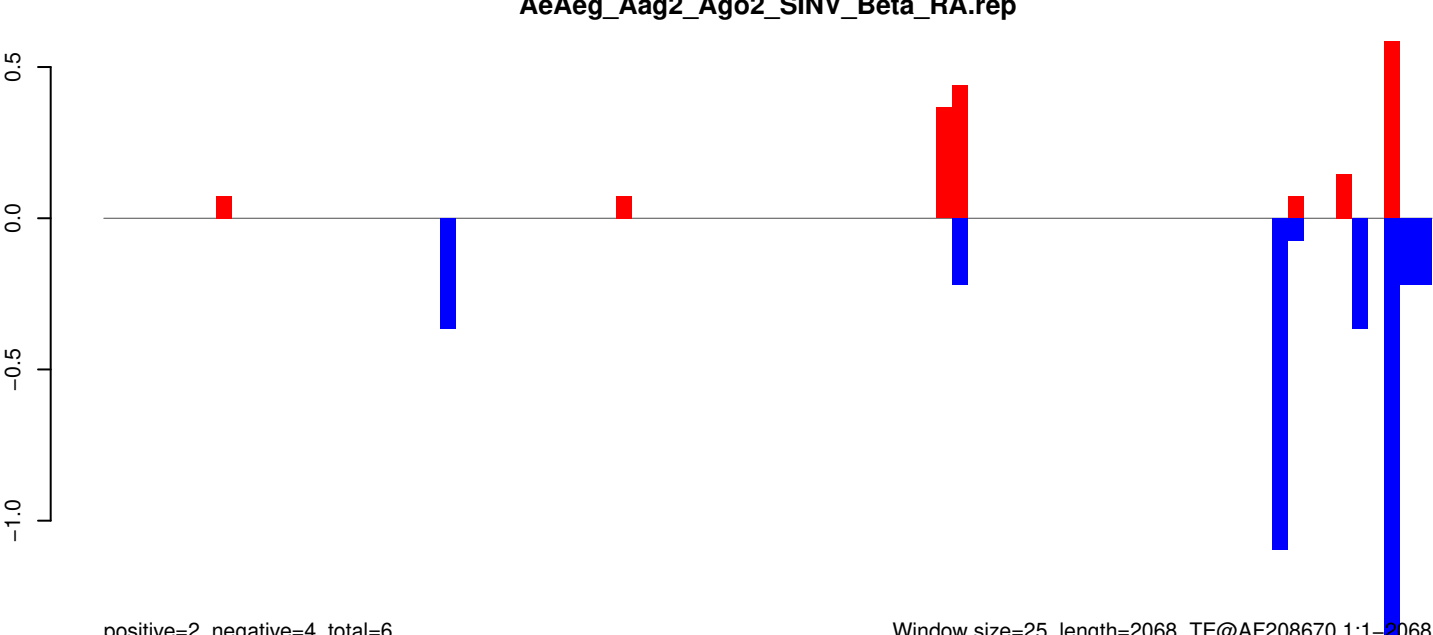
positive=1, negative=1, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=3, total=4

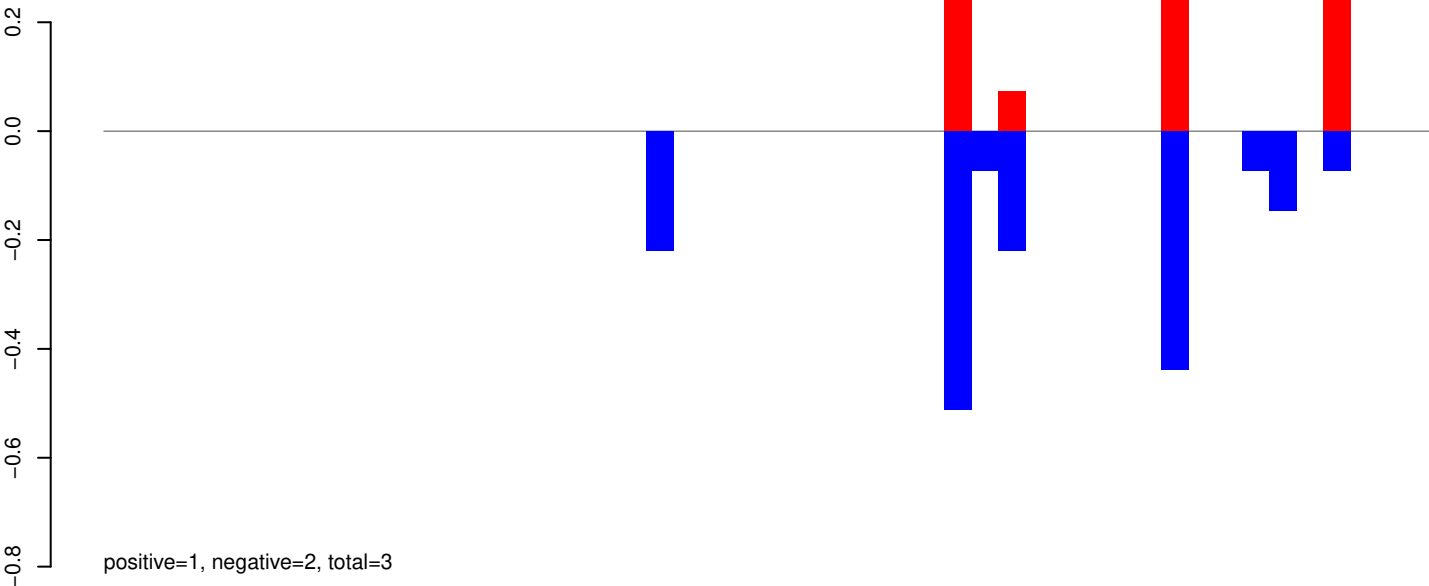
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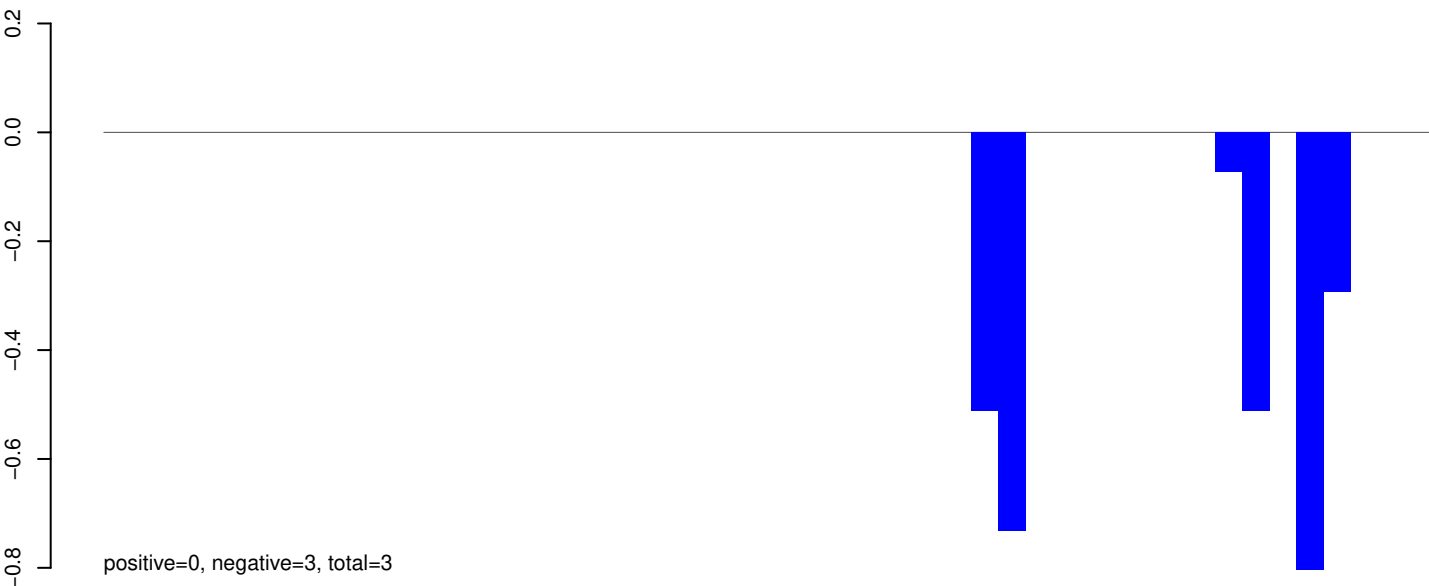
positive=2, negative=4, total=6

Window size=25, length=2068, TE@AF208670.1:1-2068

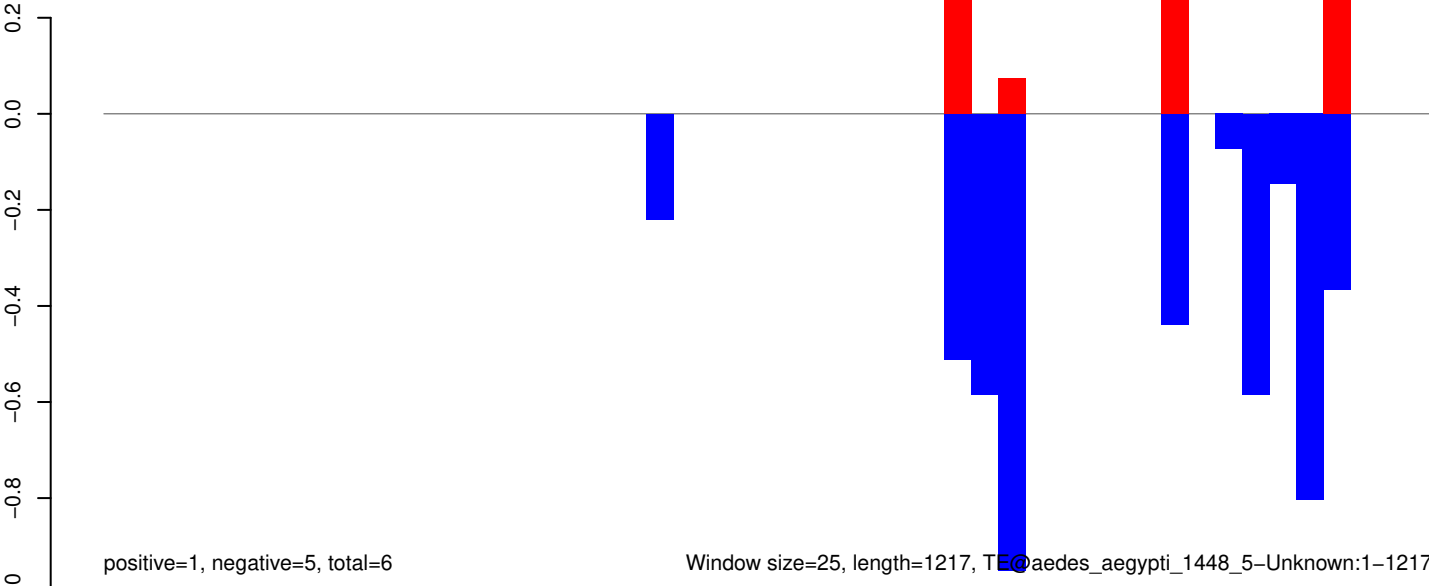
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



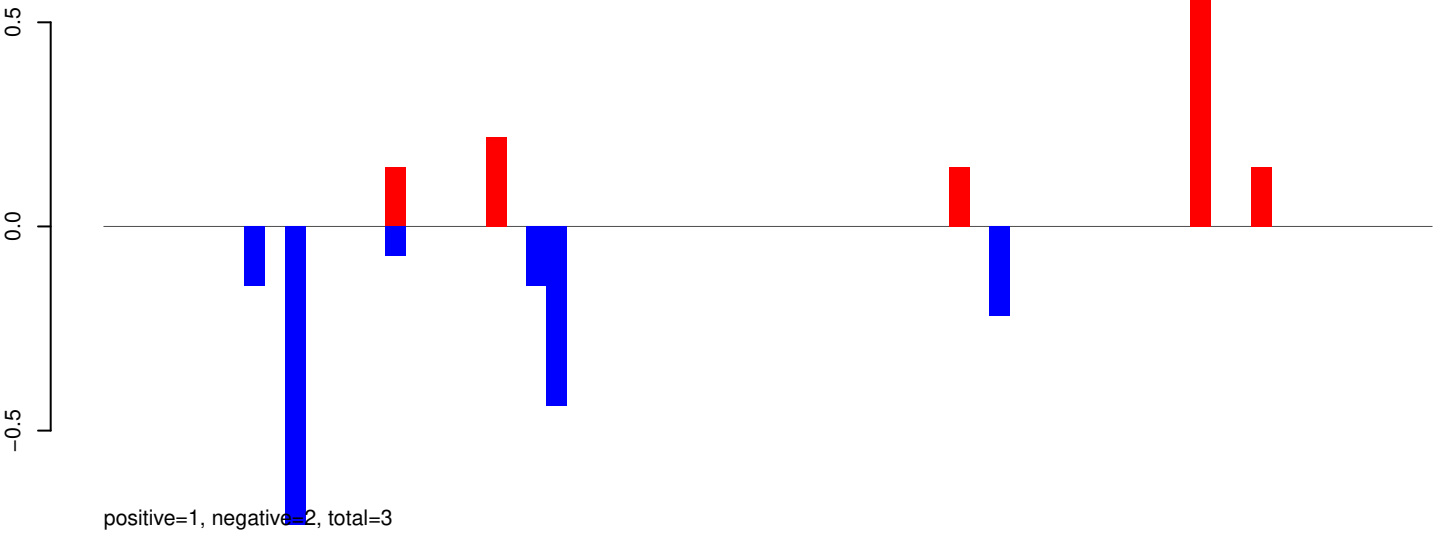
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



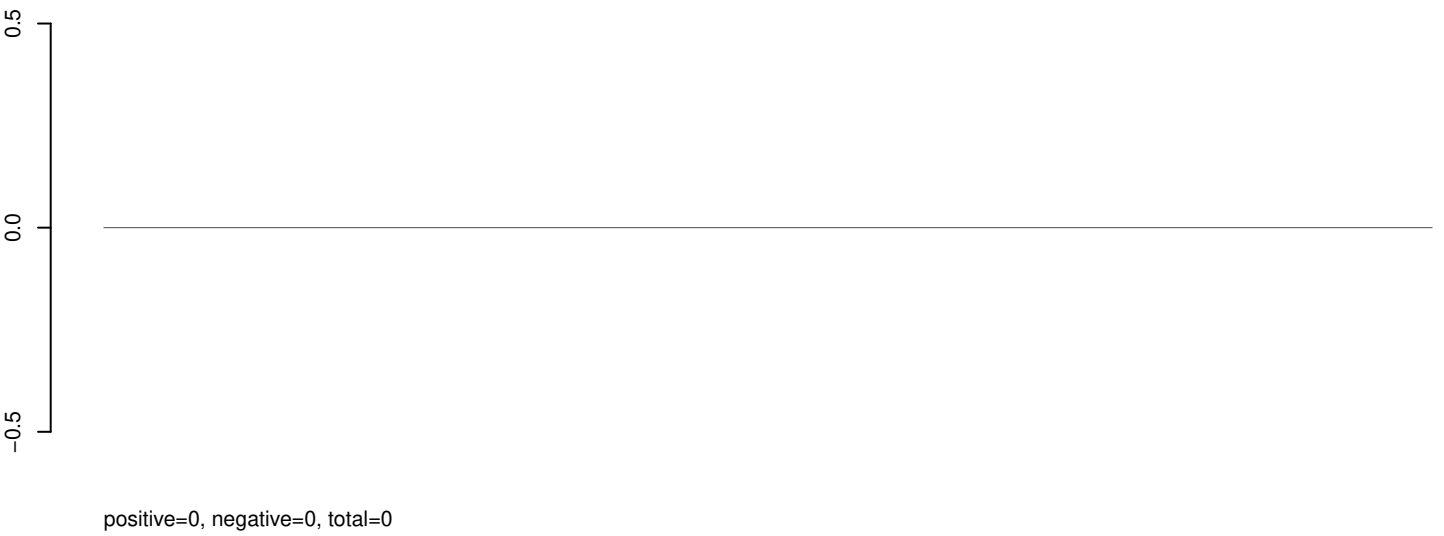
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



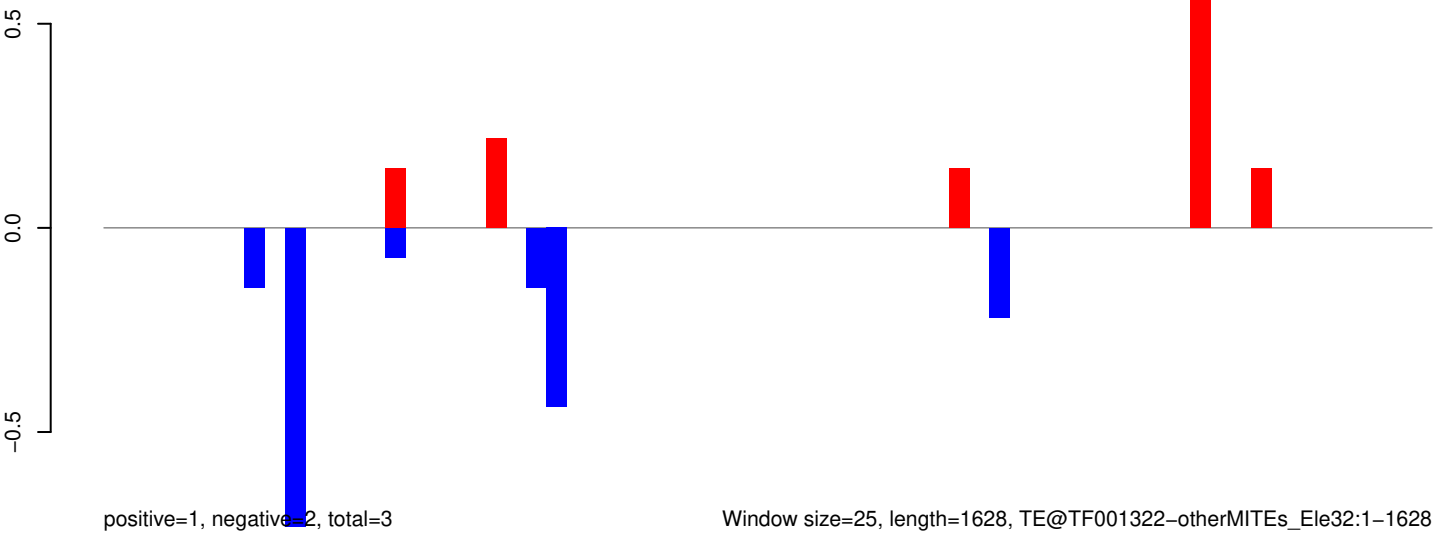
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



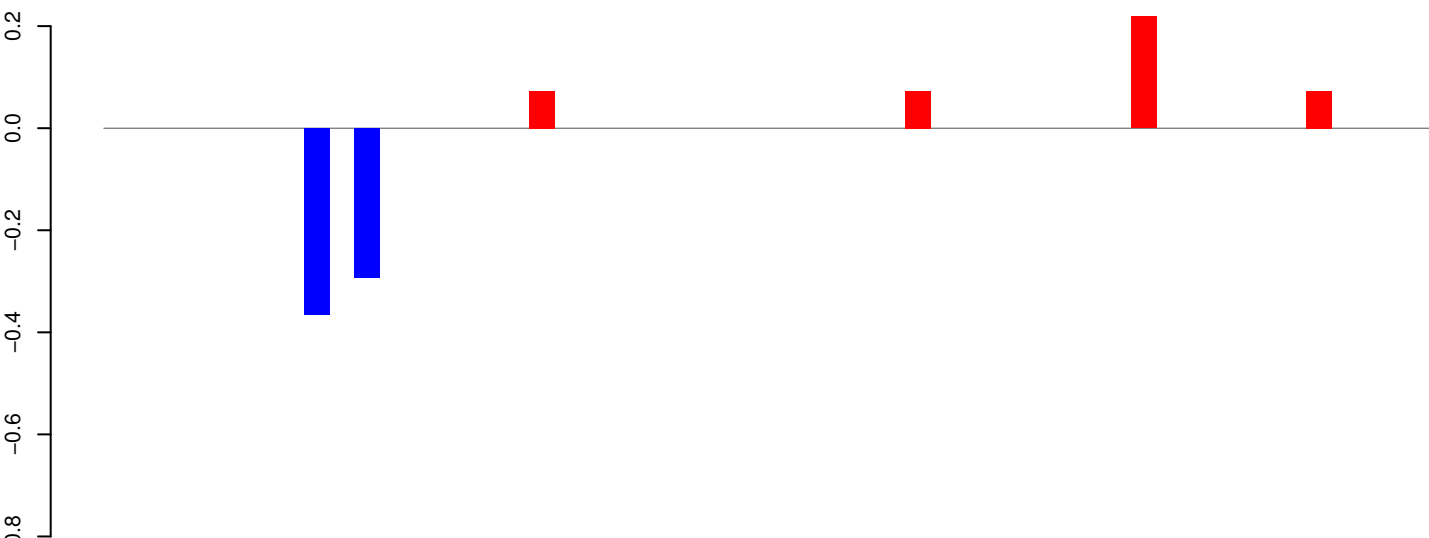
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



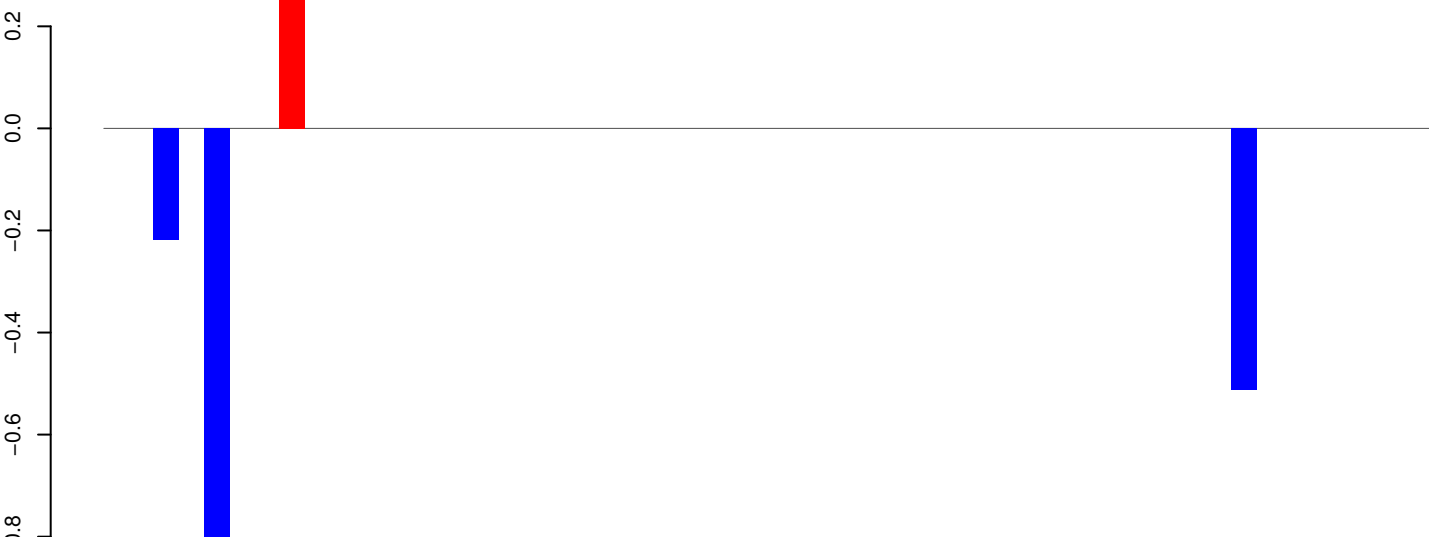
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



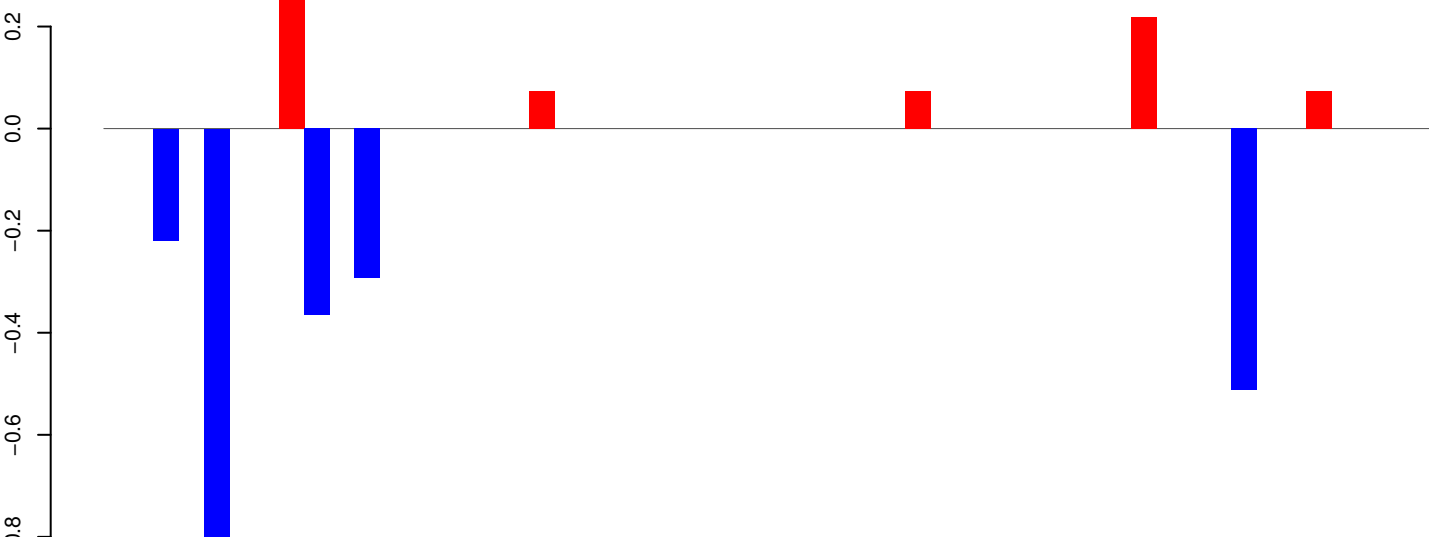
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



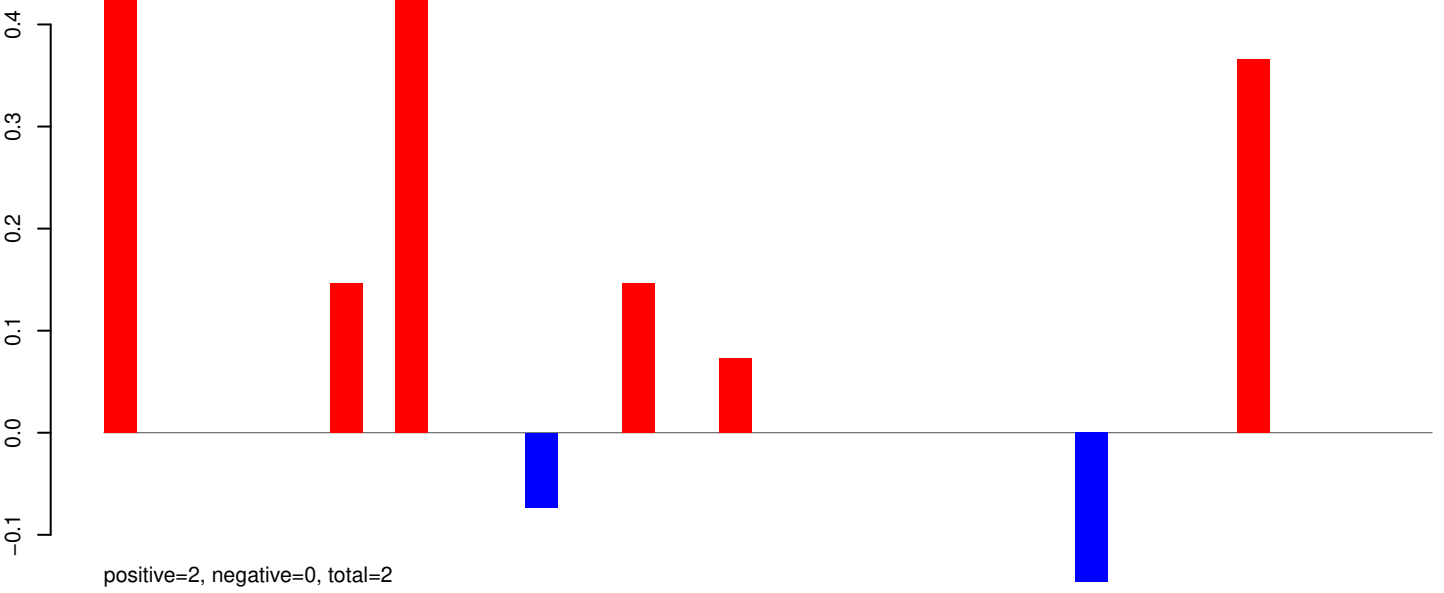
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



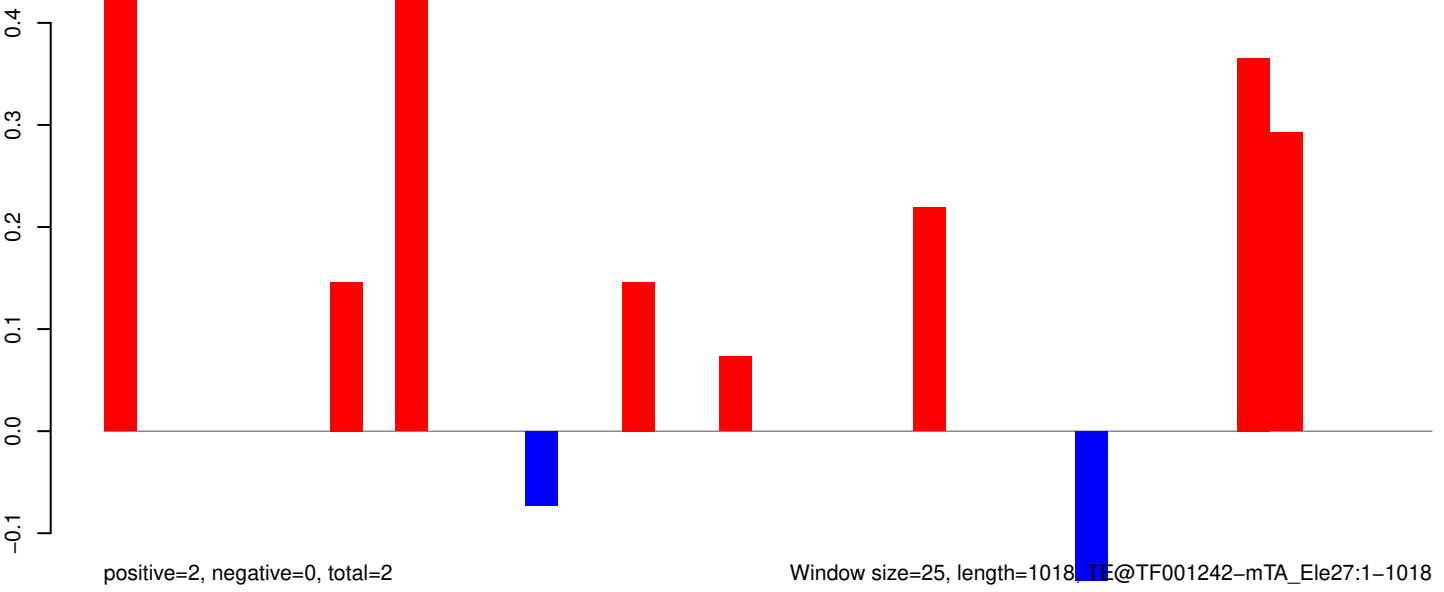
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



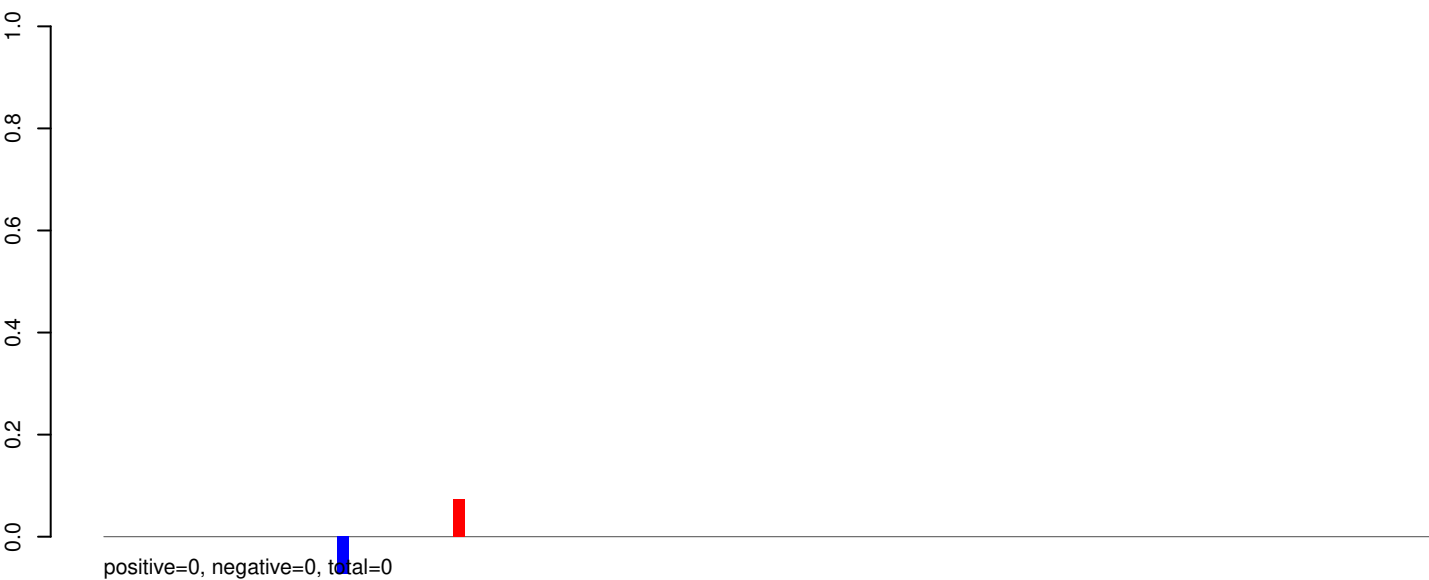
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



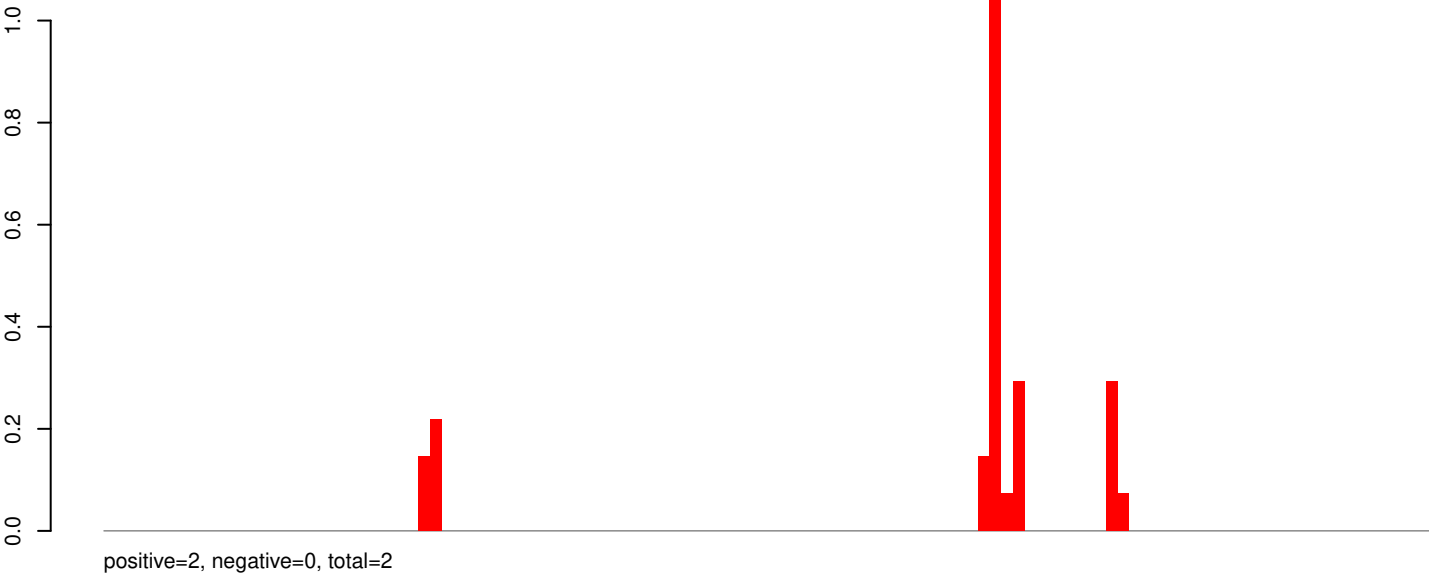
Window size=25, length=1018, TE@TF001242-mTA\_Ele27:1-1018

0 200 400 600 800 1000

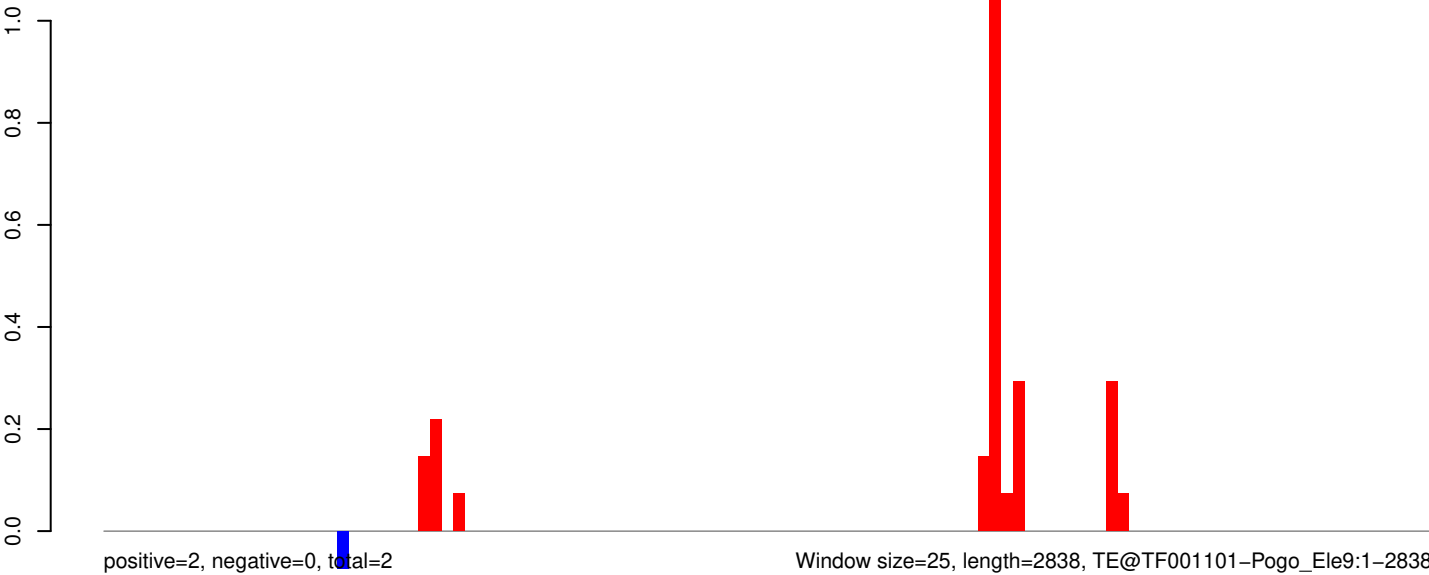
### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



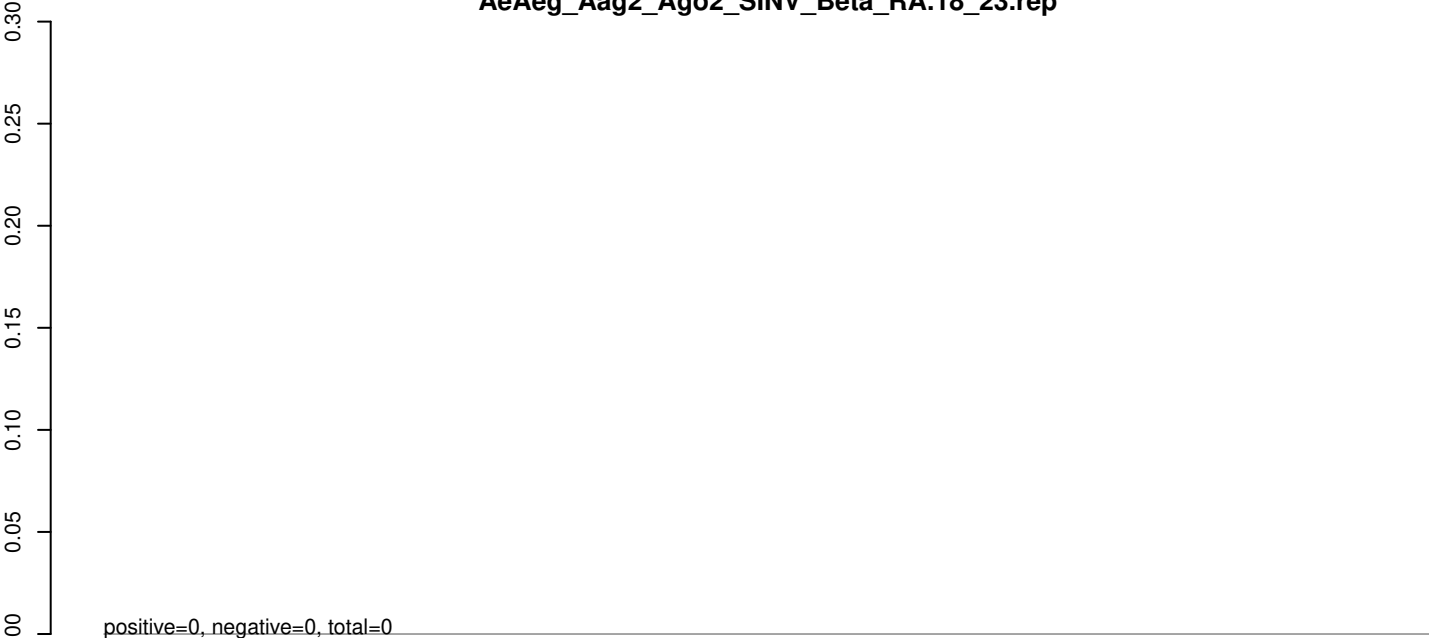
### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



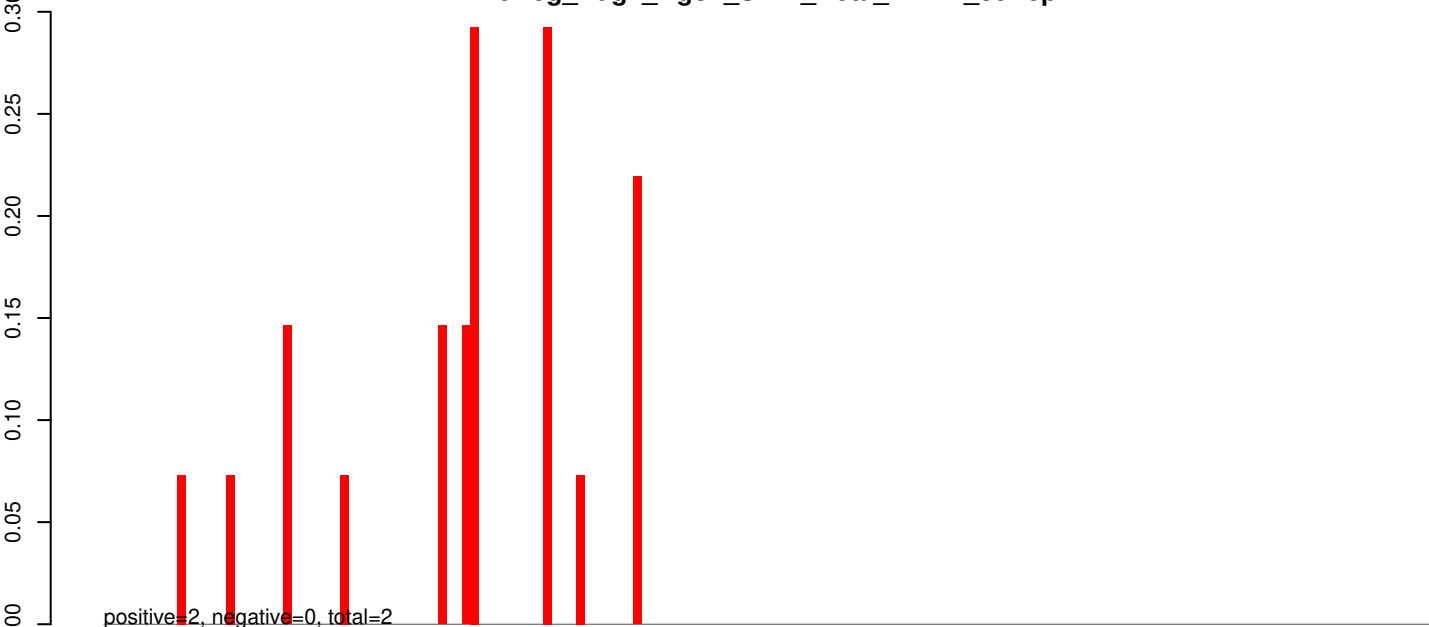
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0 500 1000 1500 2000 2500

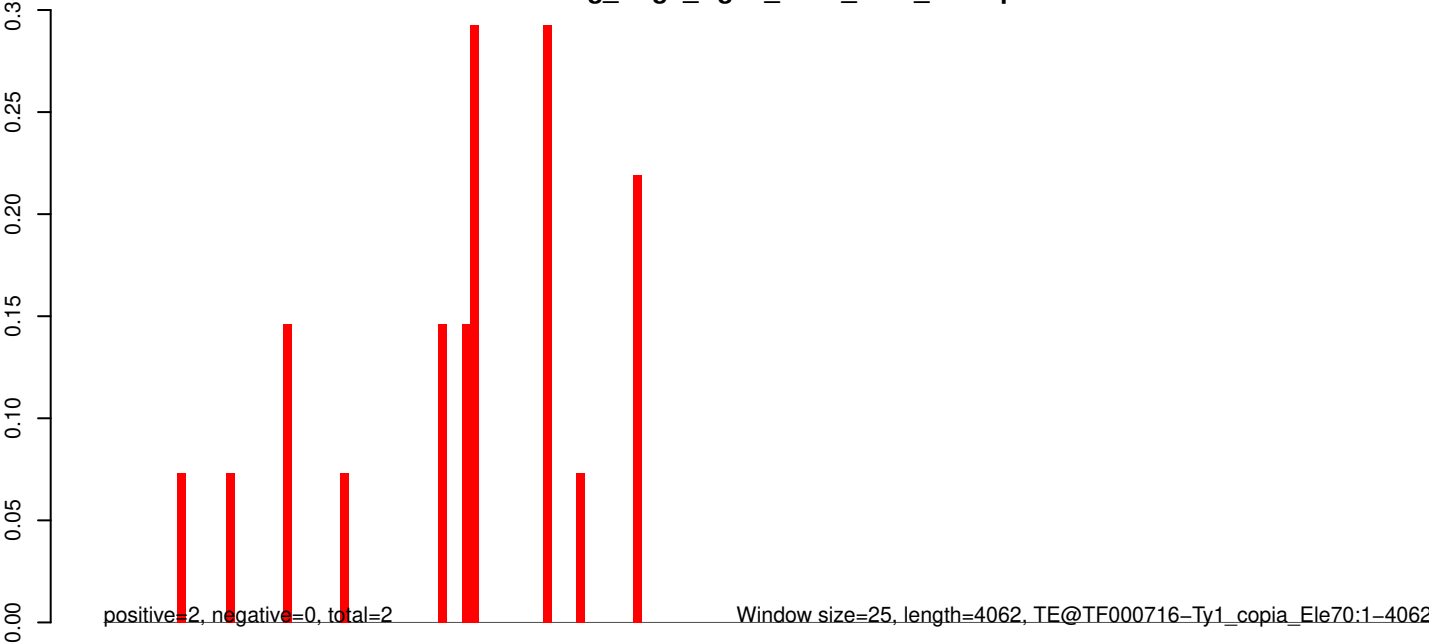
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



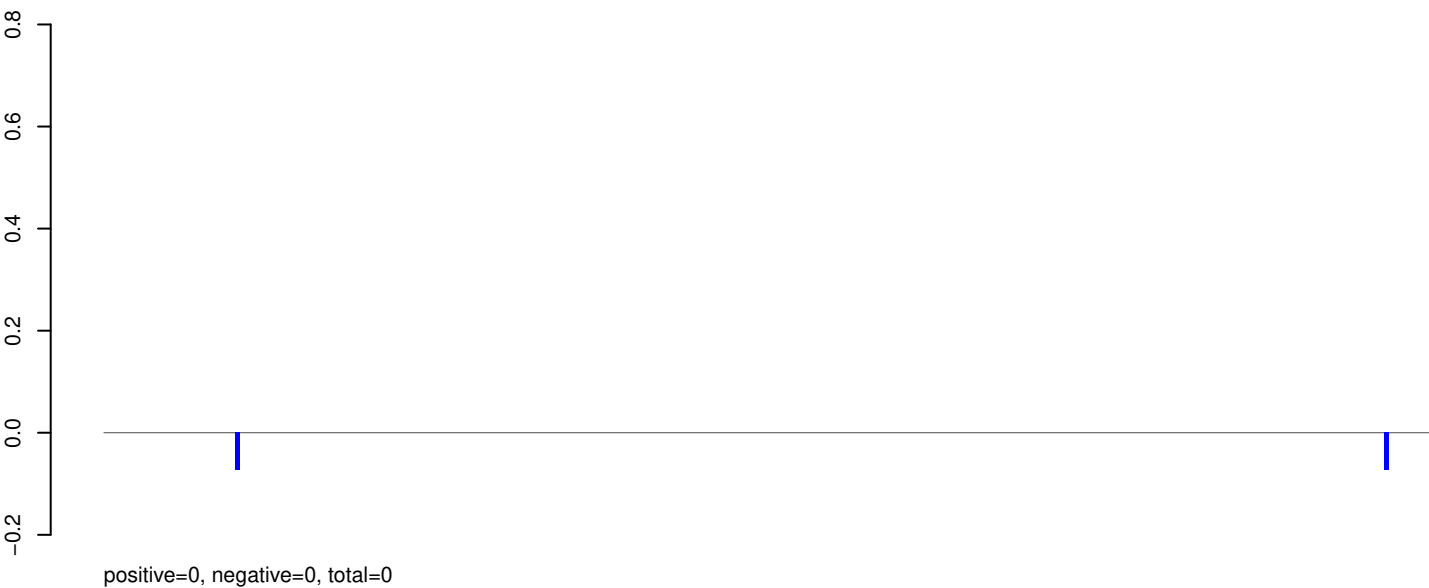
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



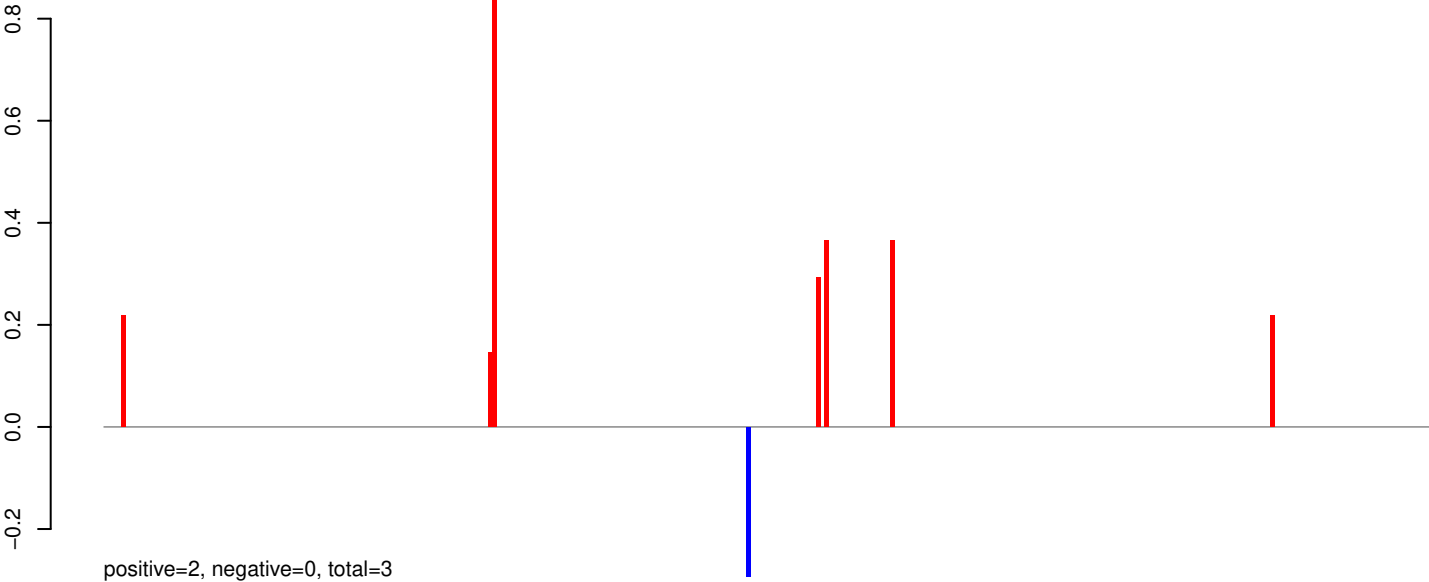
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



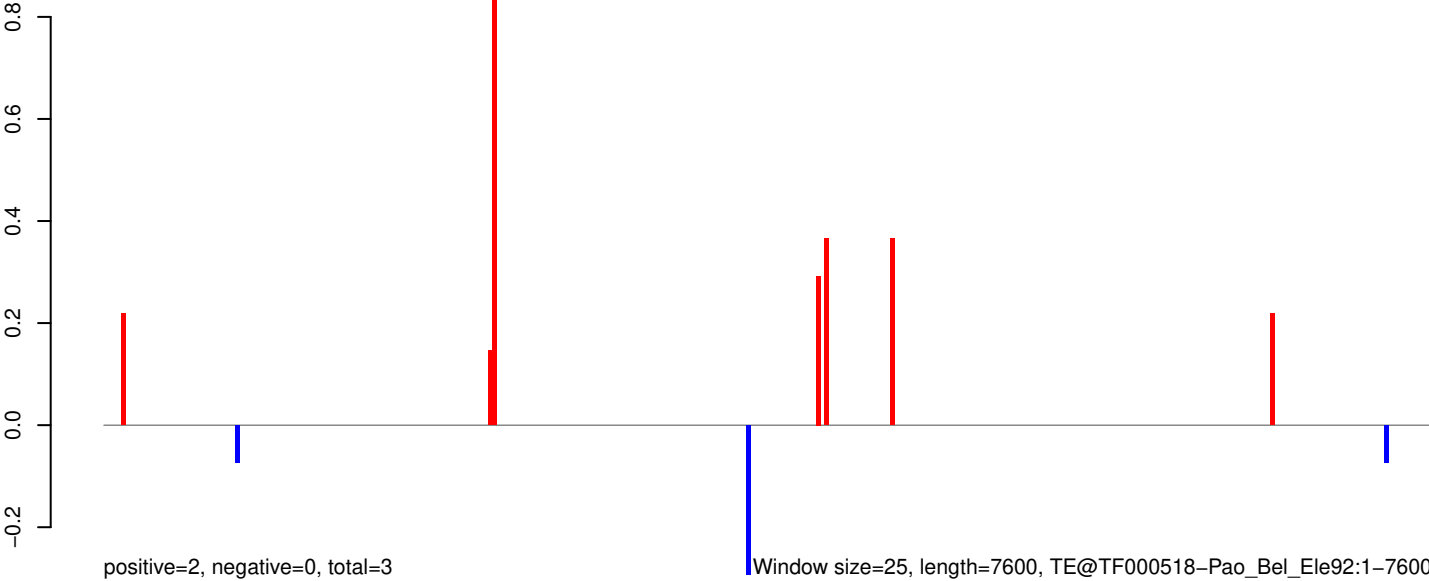
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



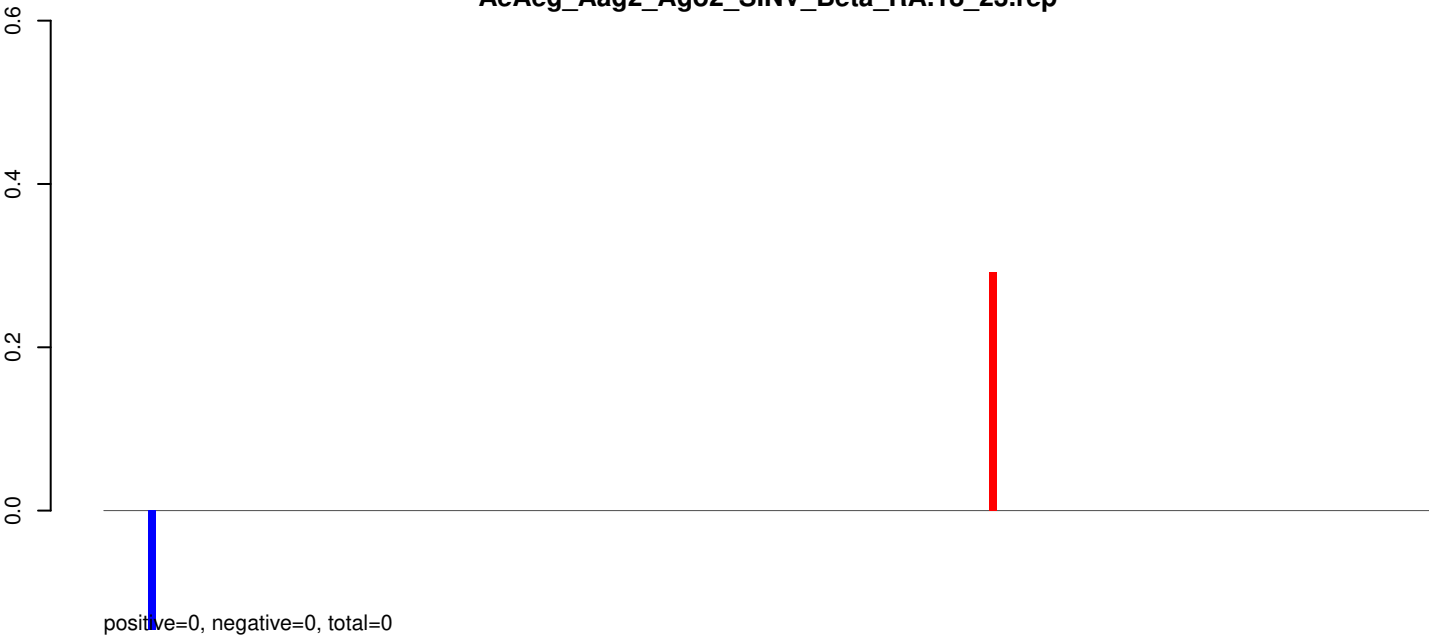
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



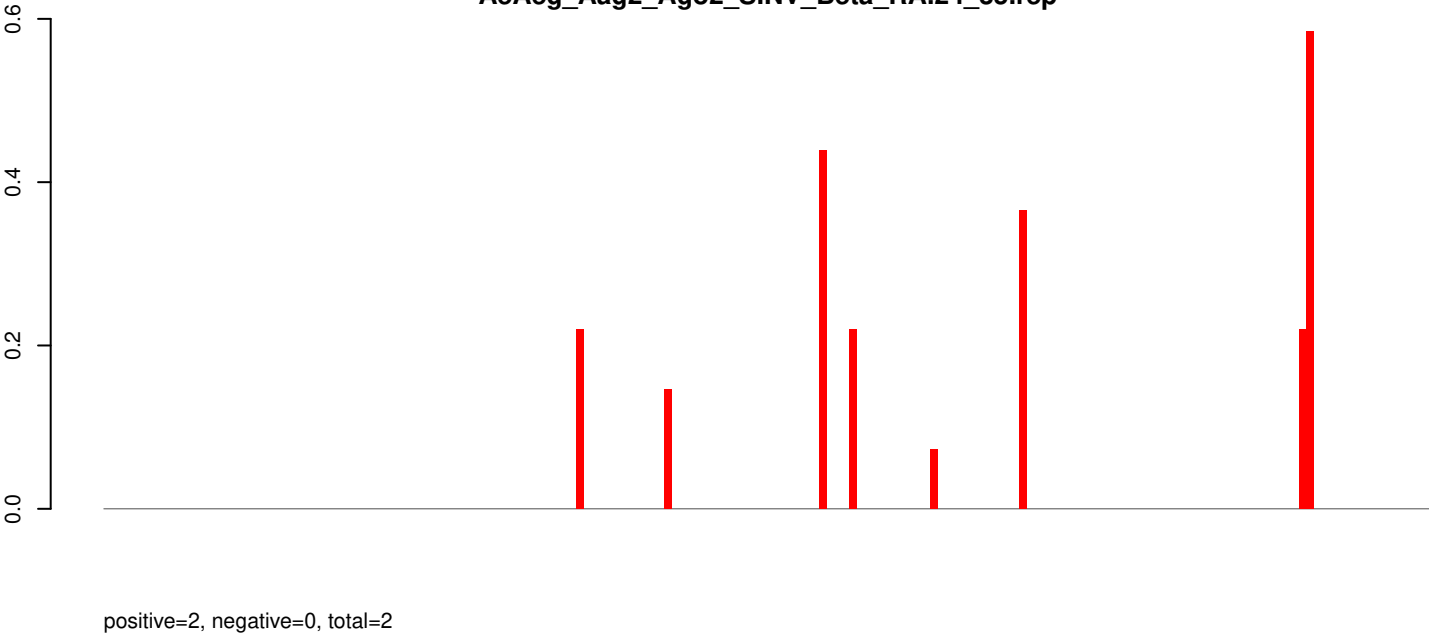
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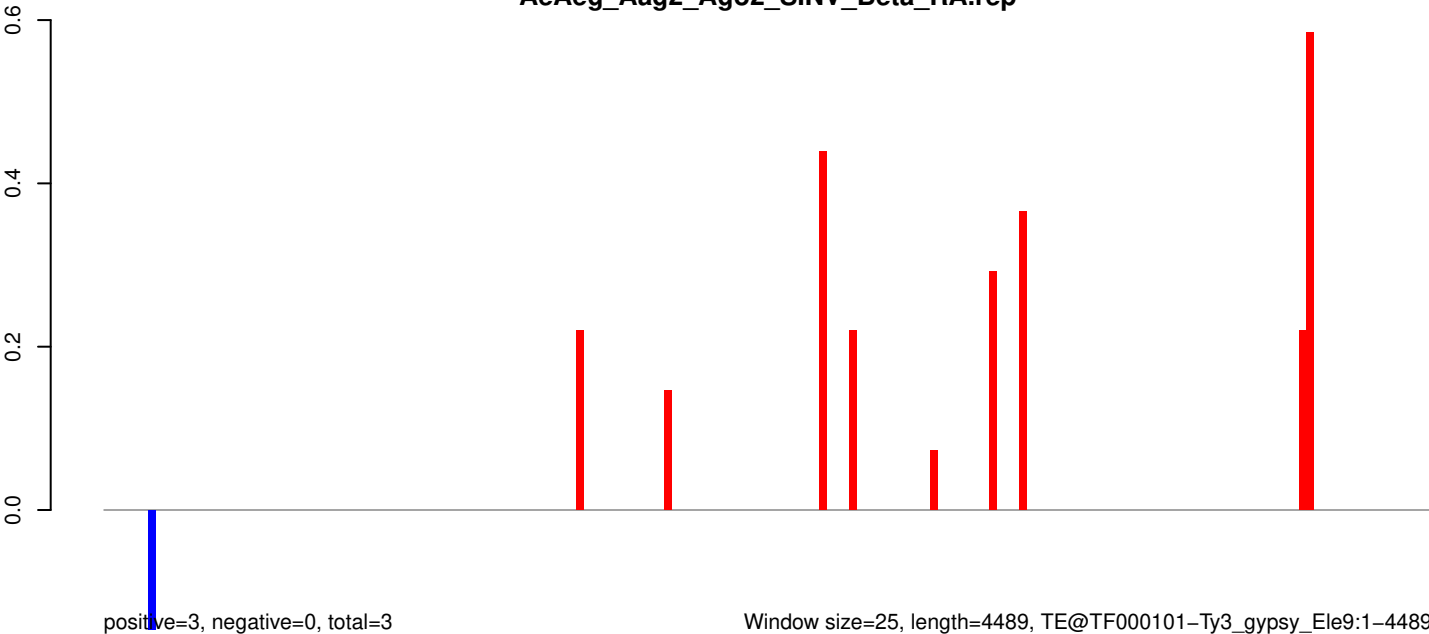
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

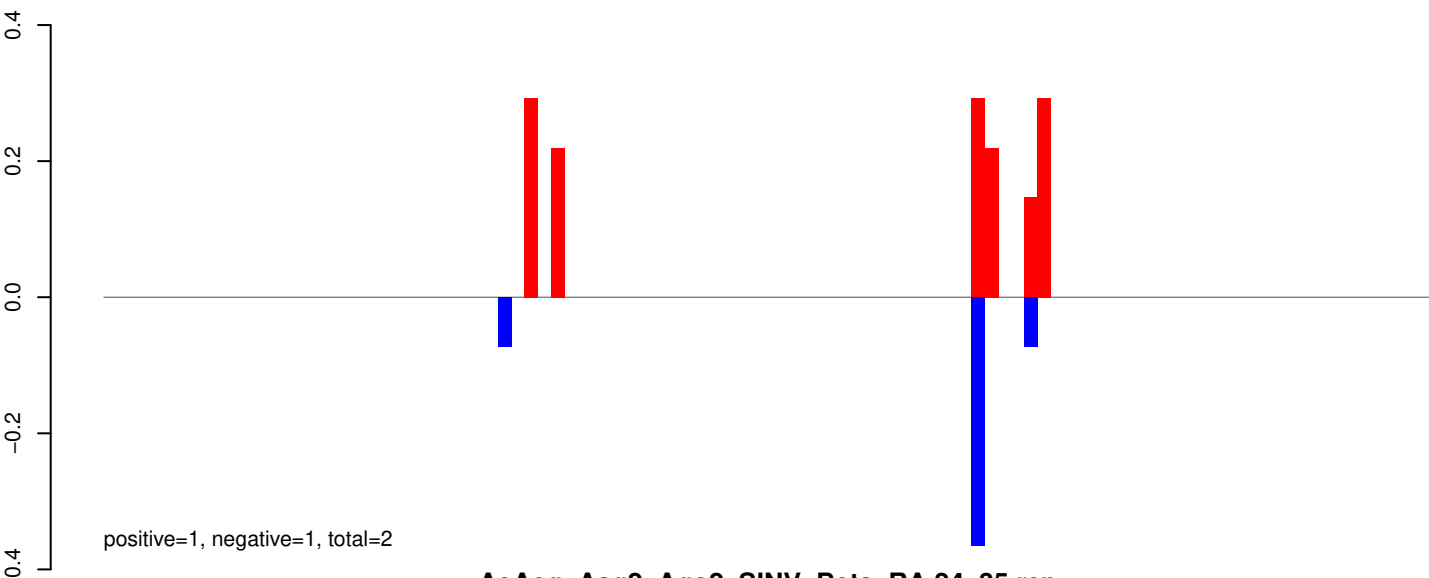


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

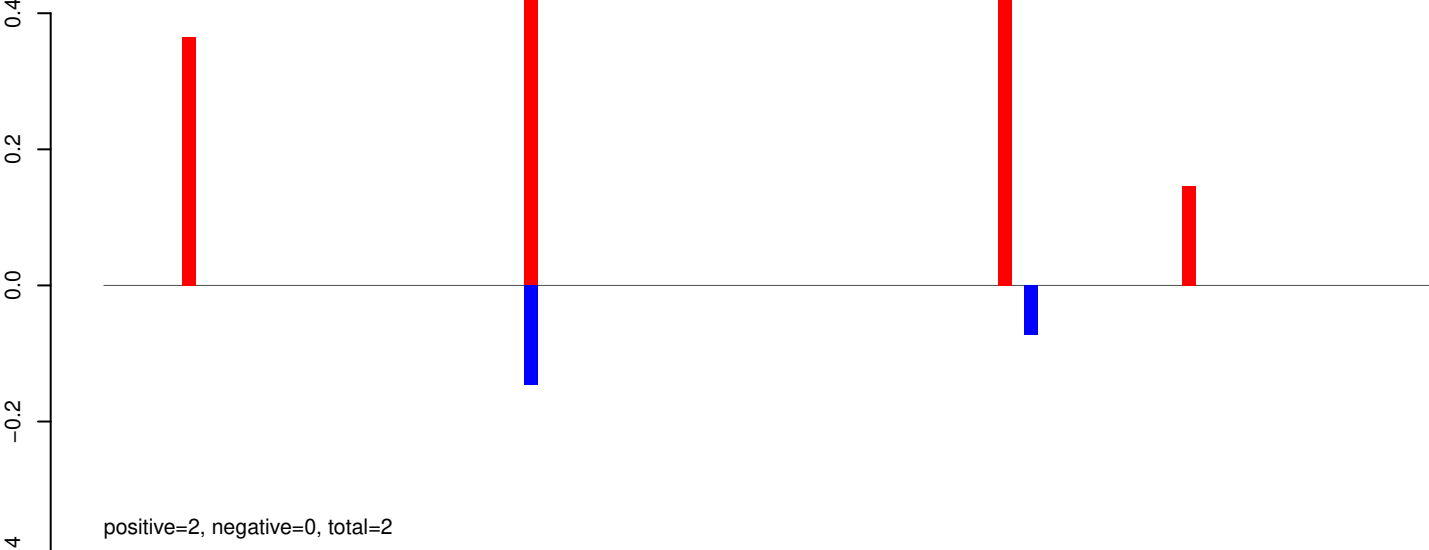


Window size=25, length=4489, TE@TF000101-Ty3\_gypsy\_Ele9:1-4489

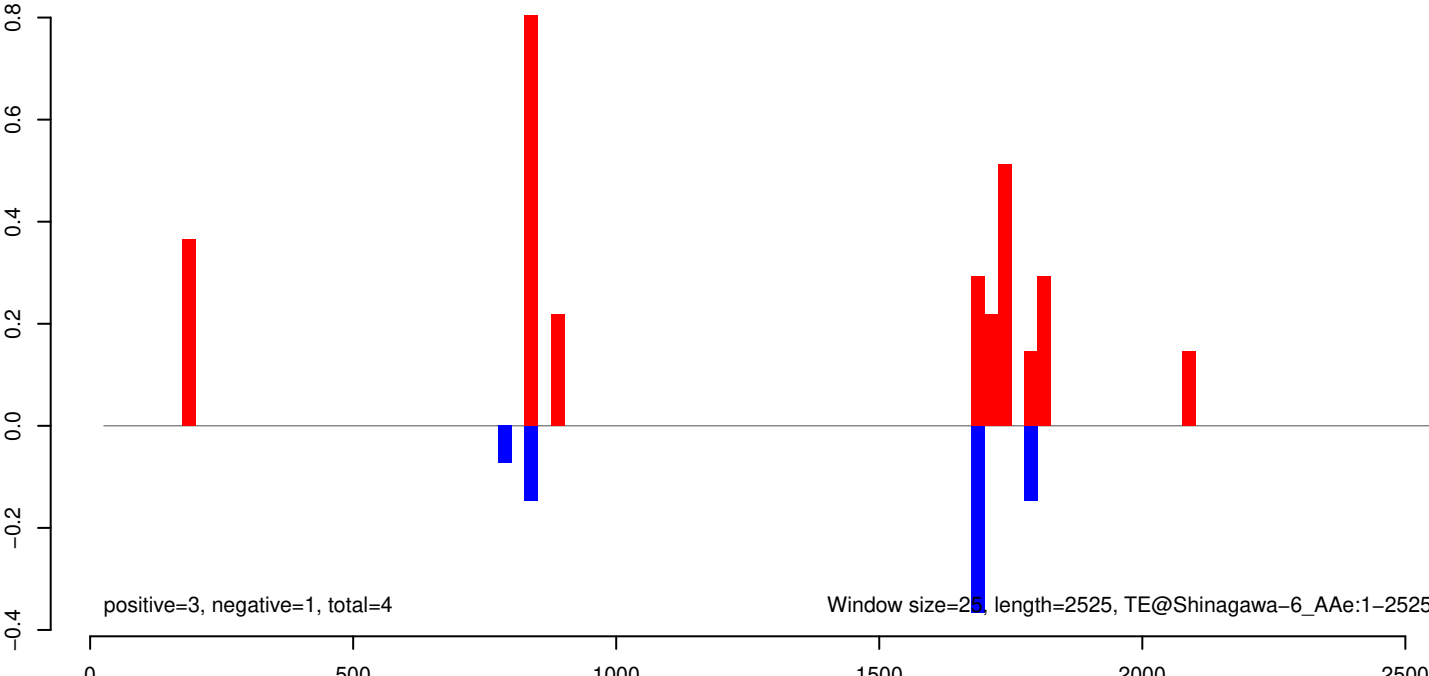
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



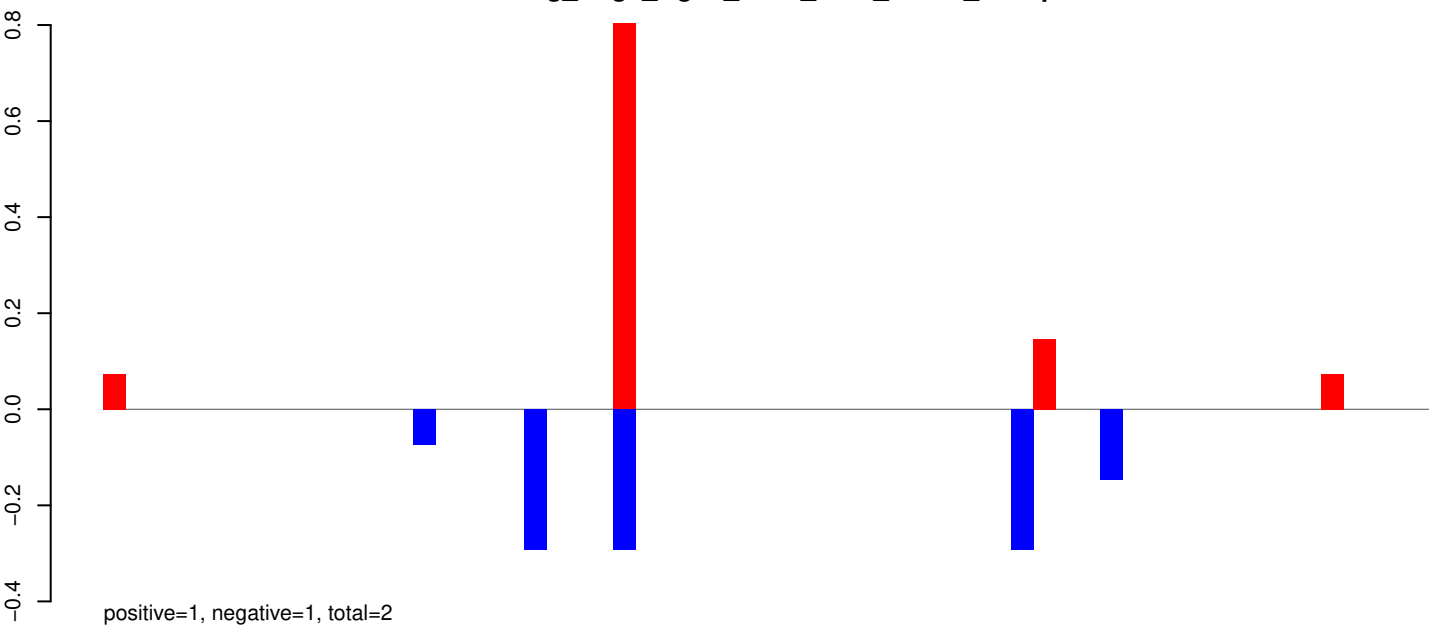
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



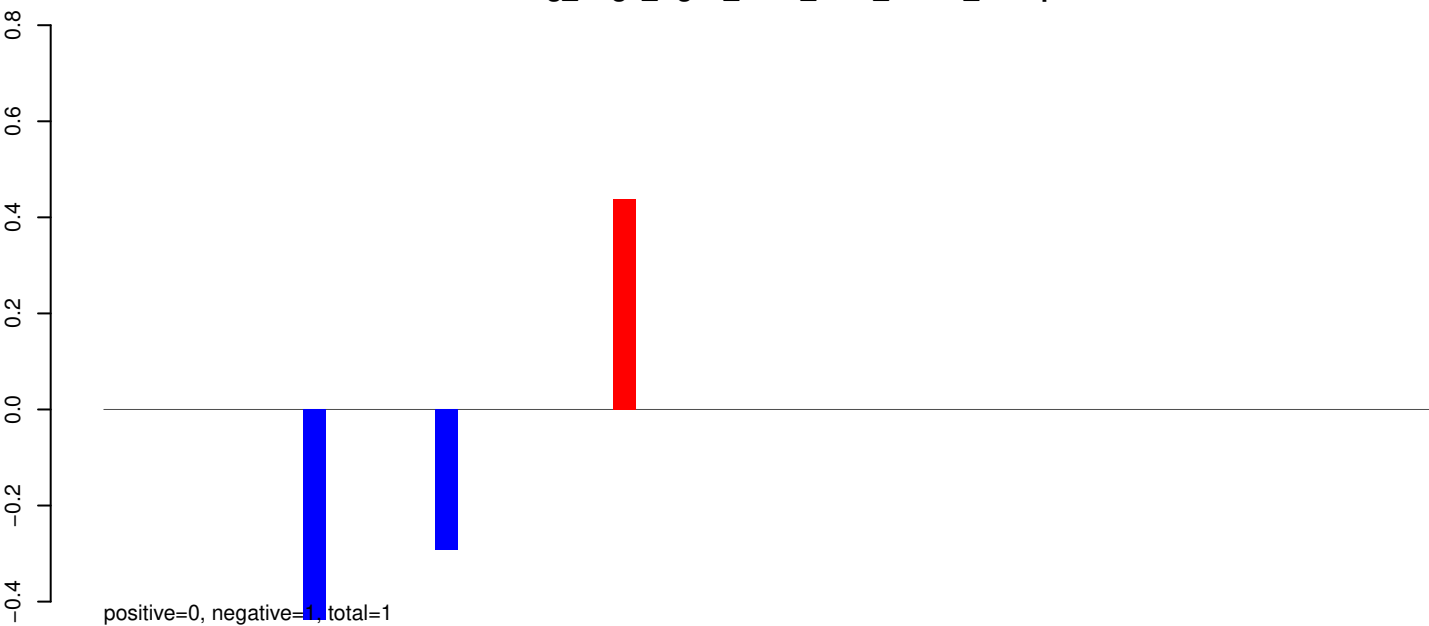
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



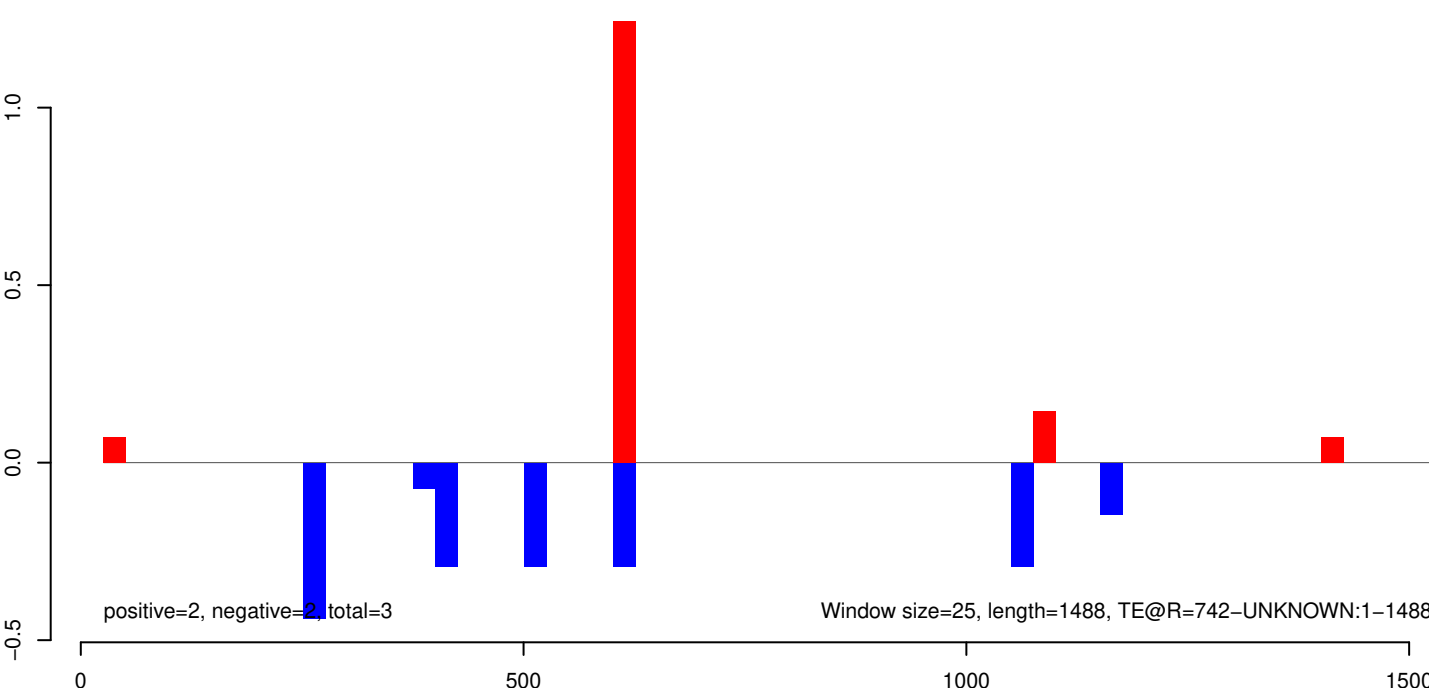
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



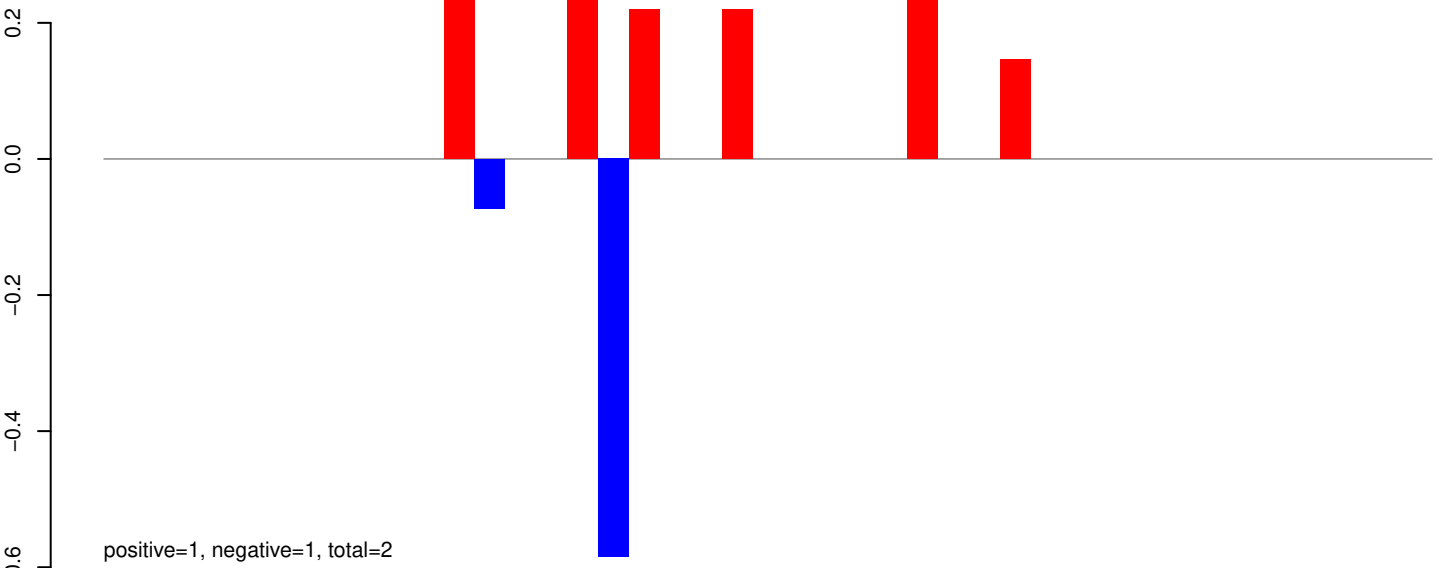
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



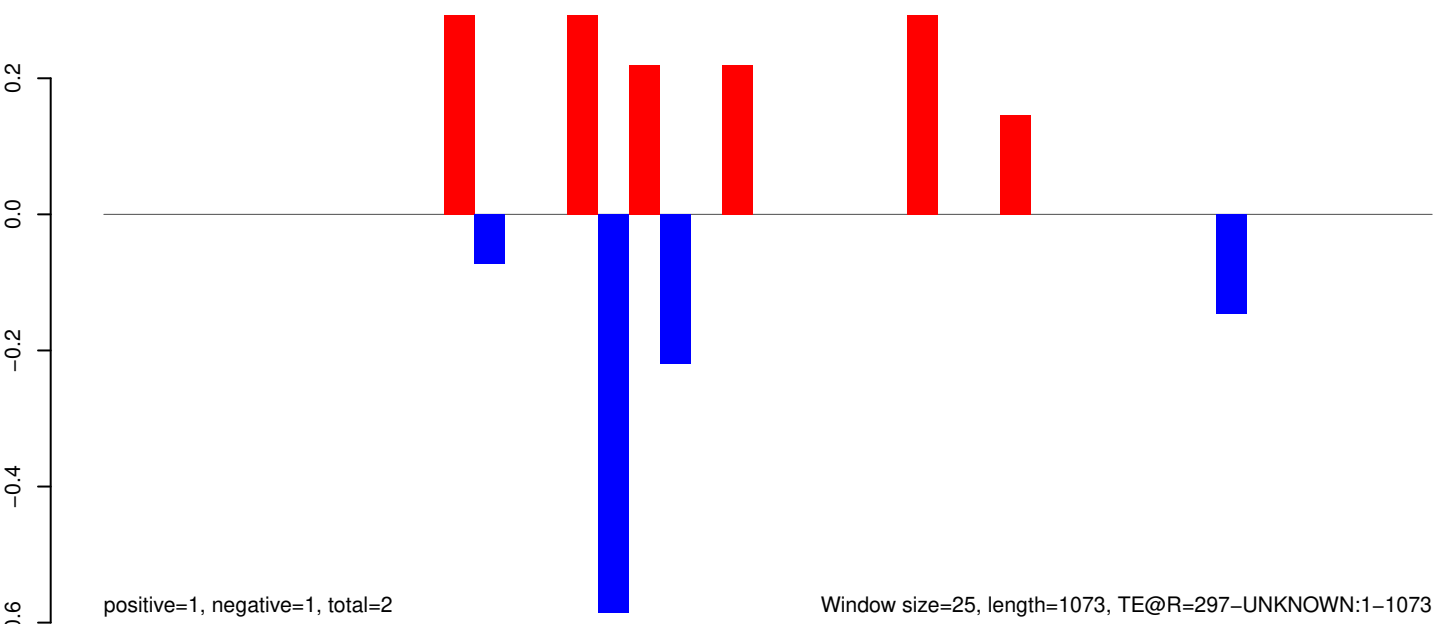
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



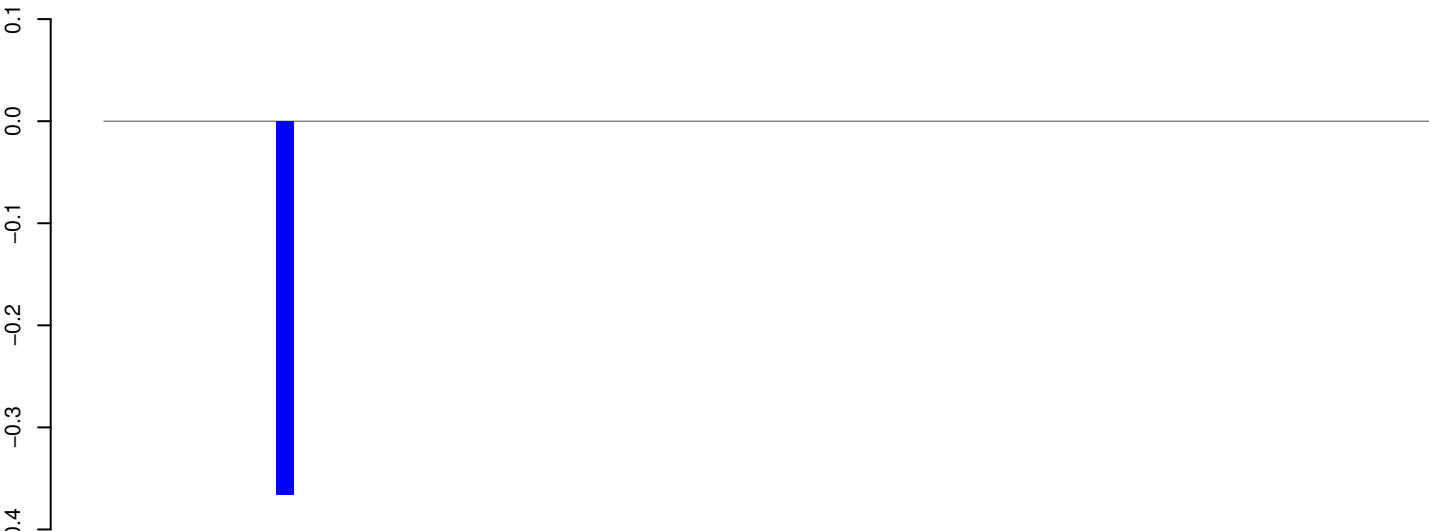
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

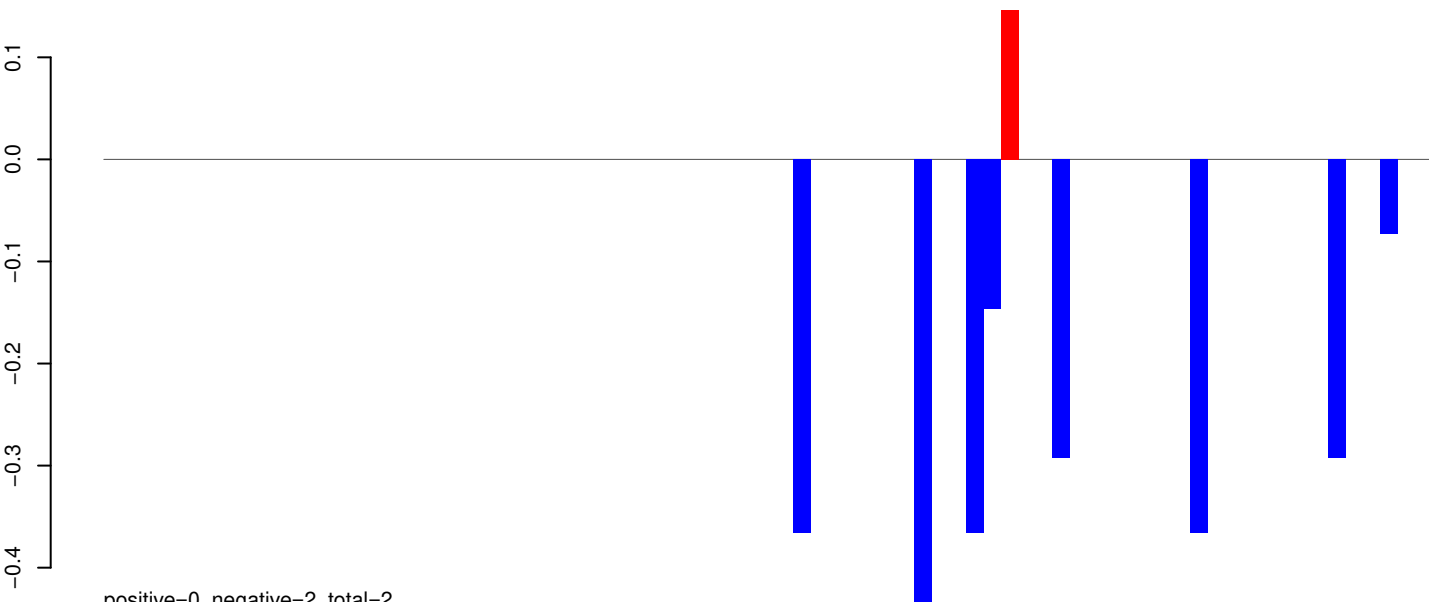


### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



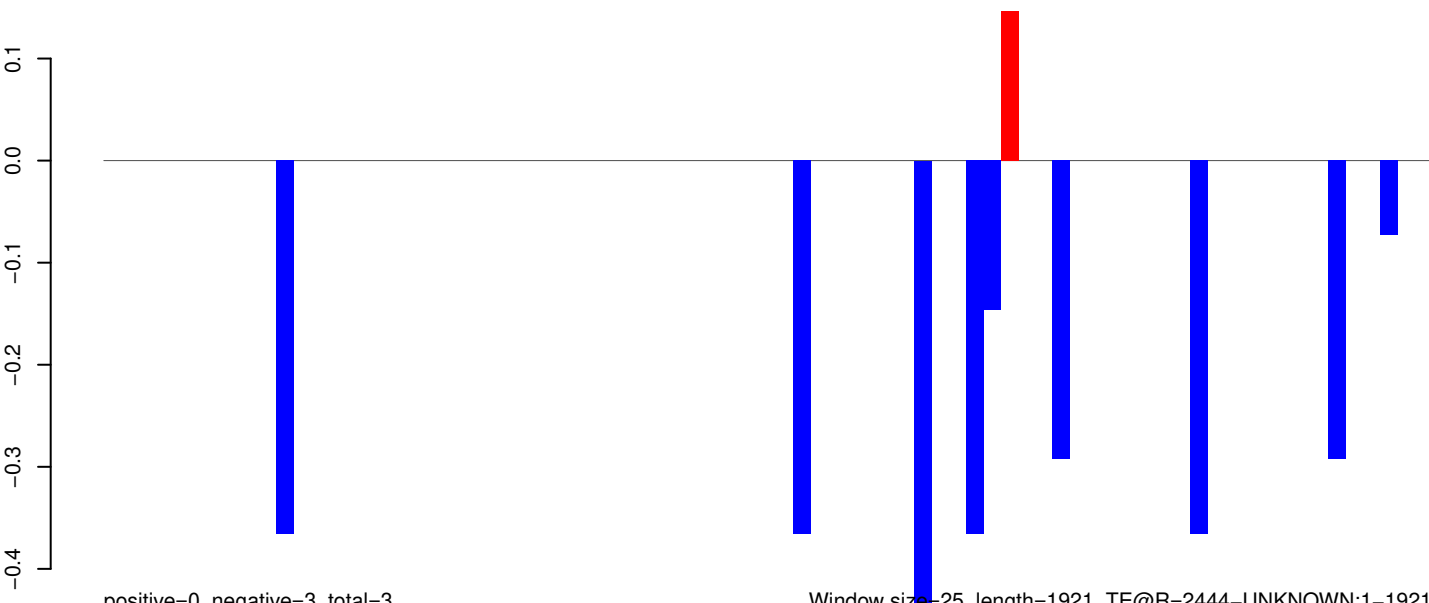
positive=0, negative=0, total=0

### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=2, total=2

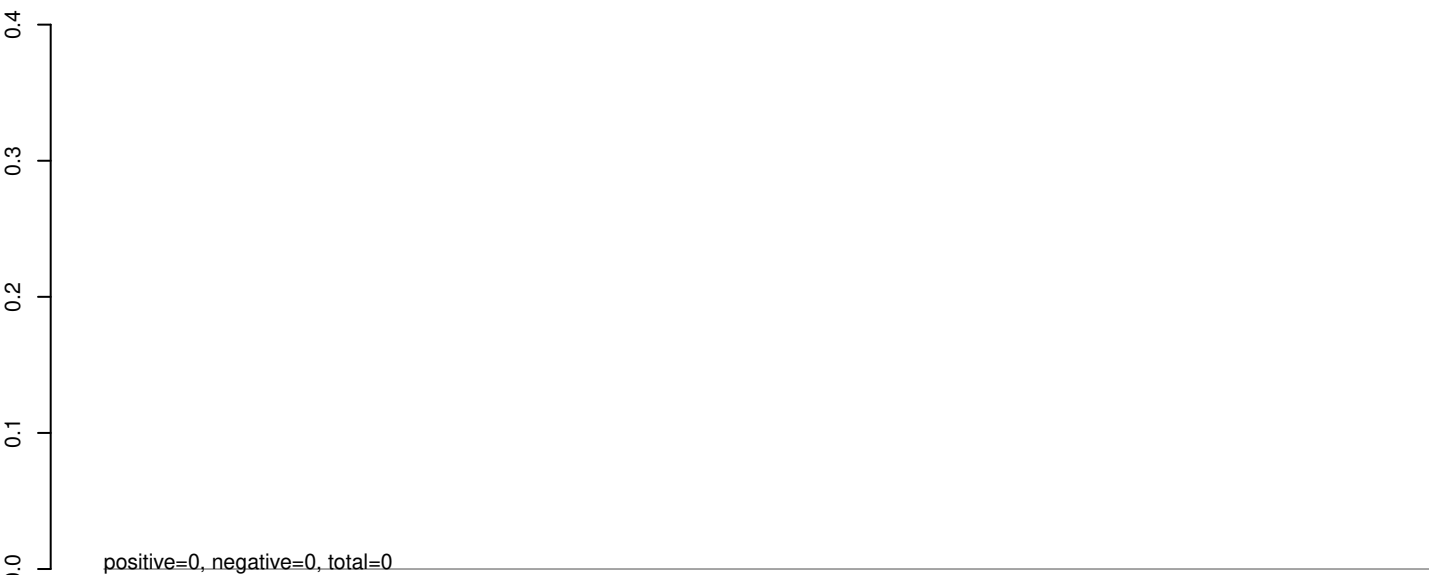
### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



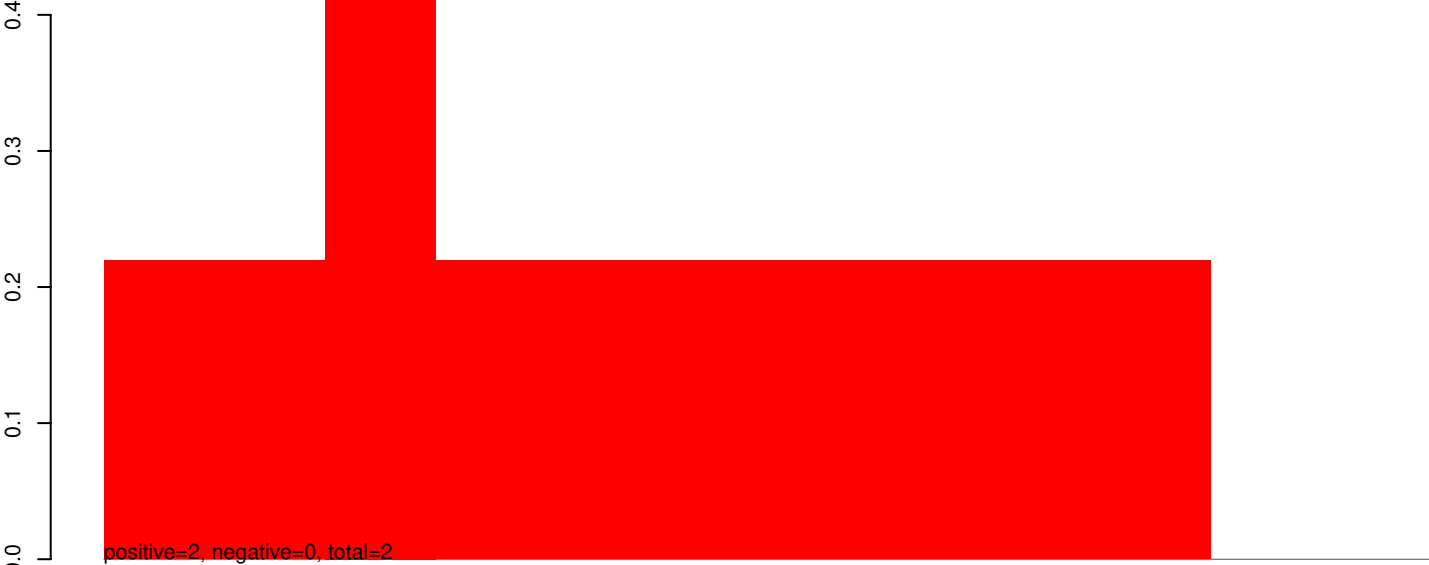
positive=0, negative=3, total=3

Window size=25, length=1921, TE@R=2444-UNKNOWN:1-1921

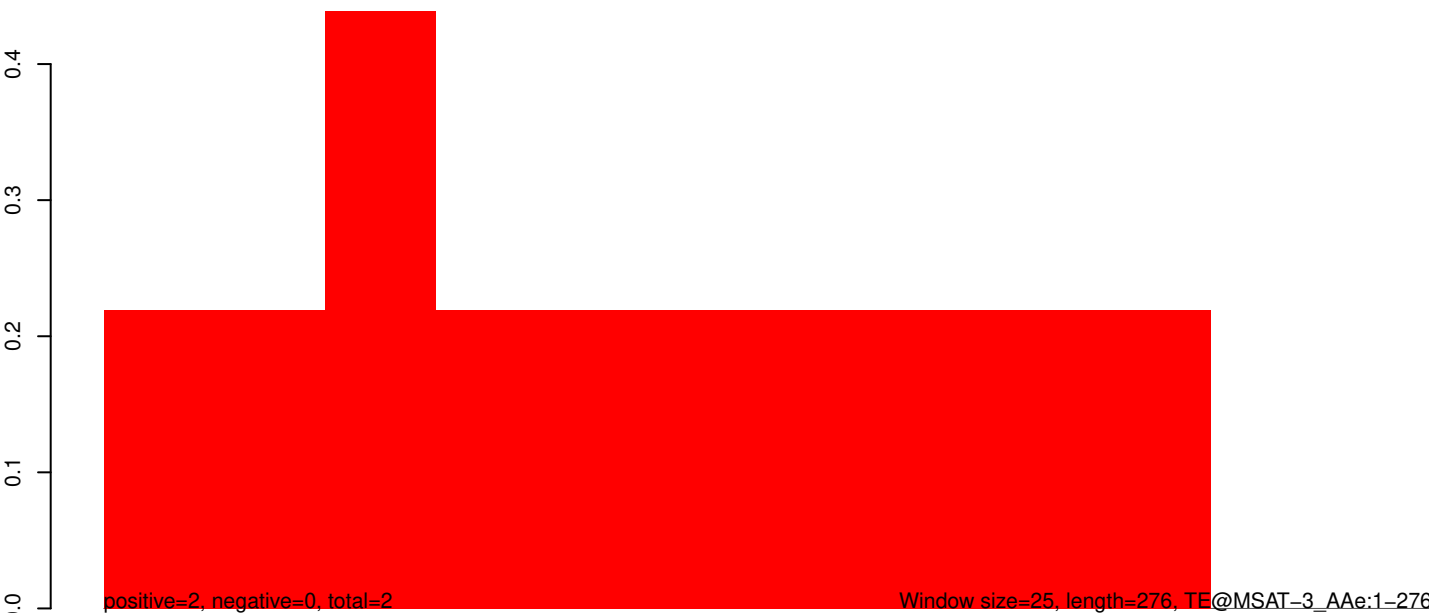
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

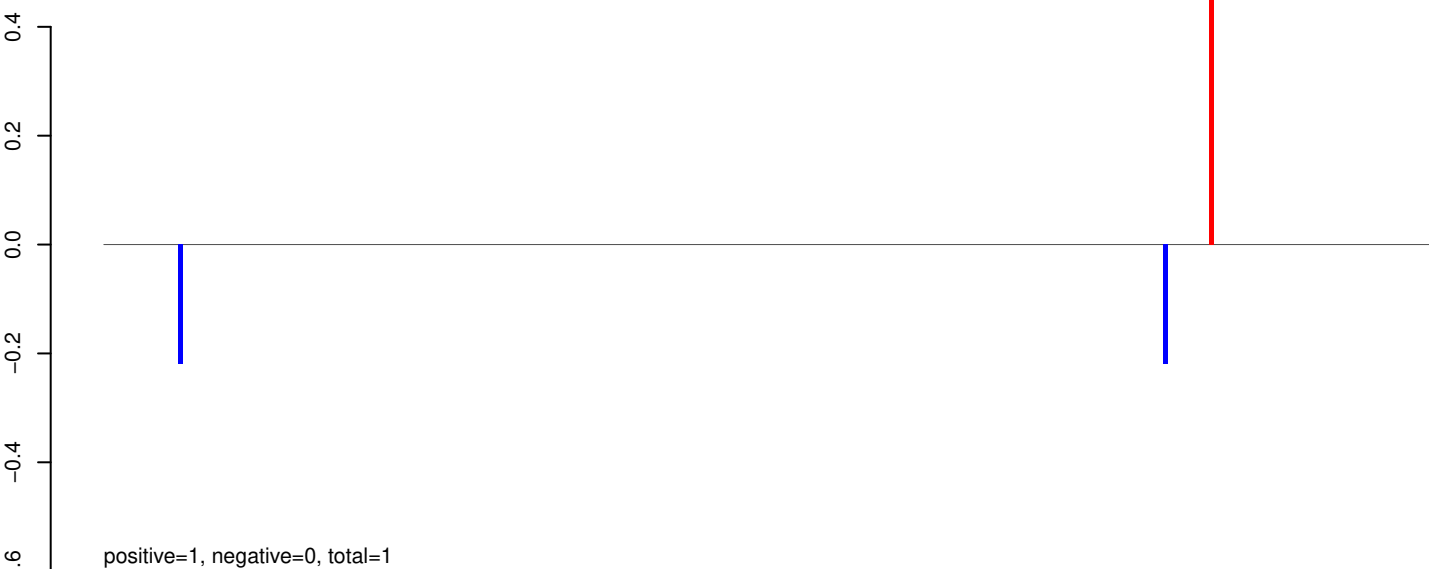


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

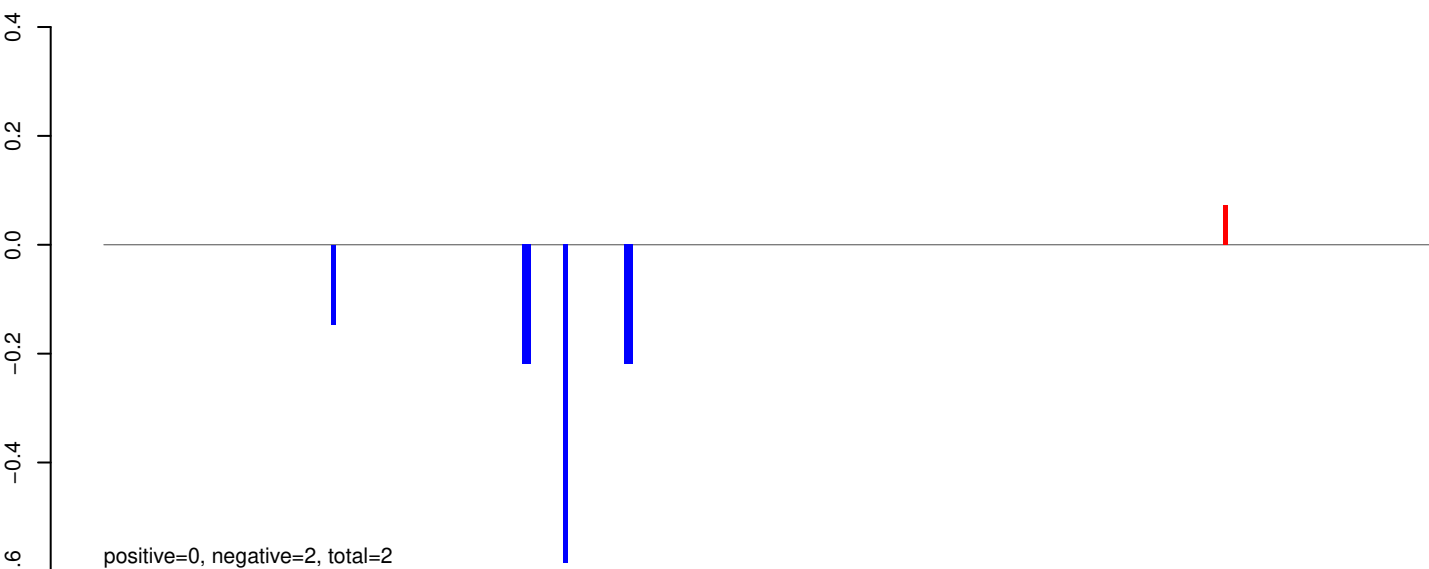


50 100 150 200 250 300

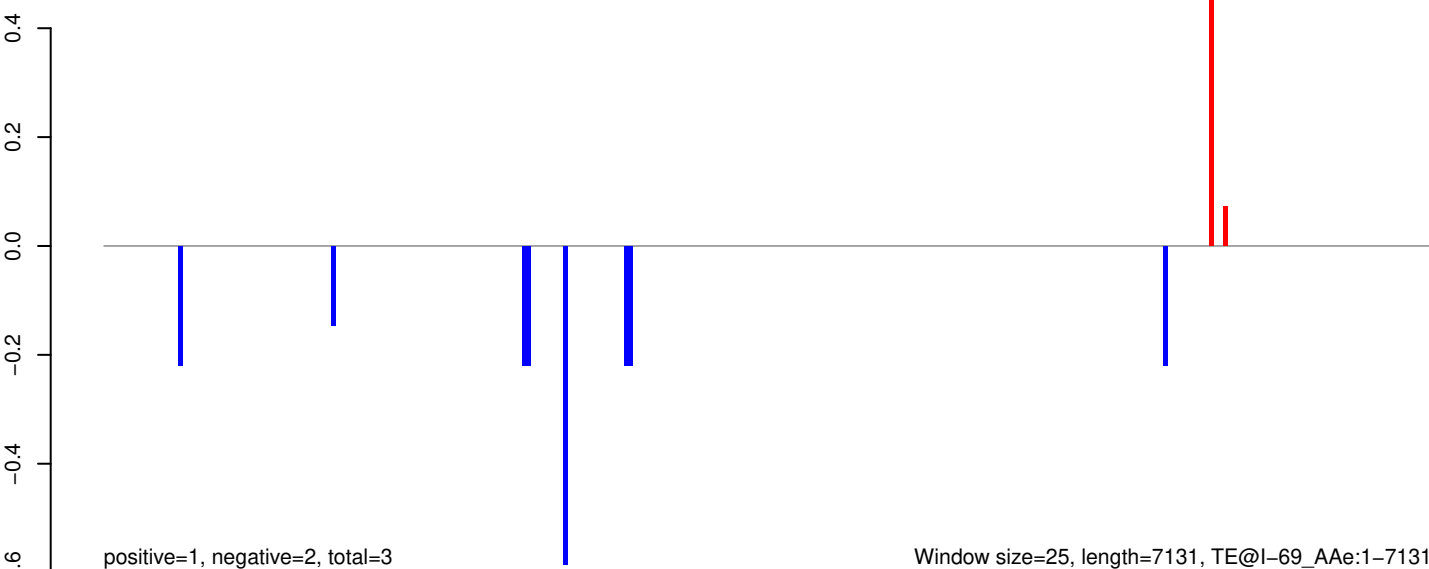
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



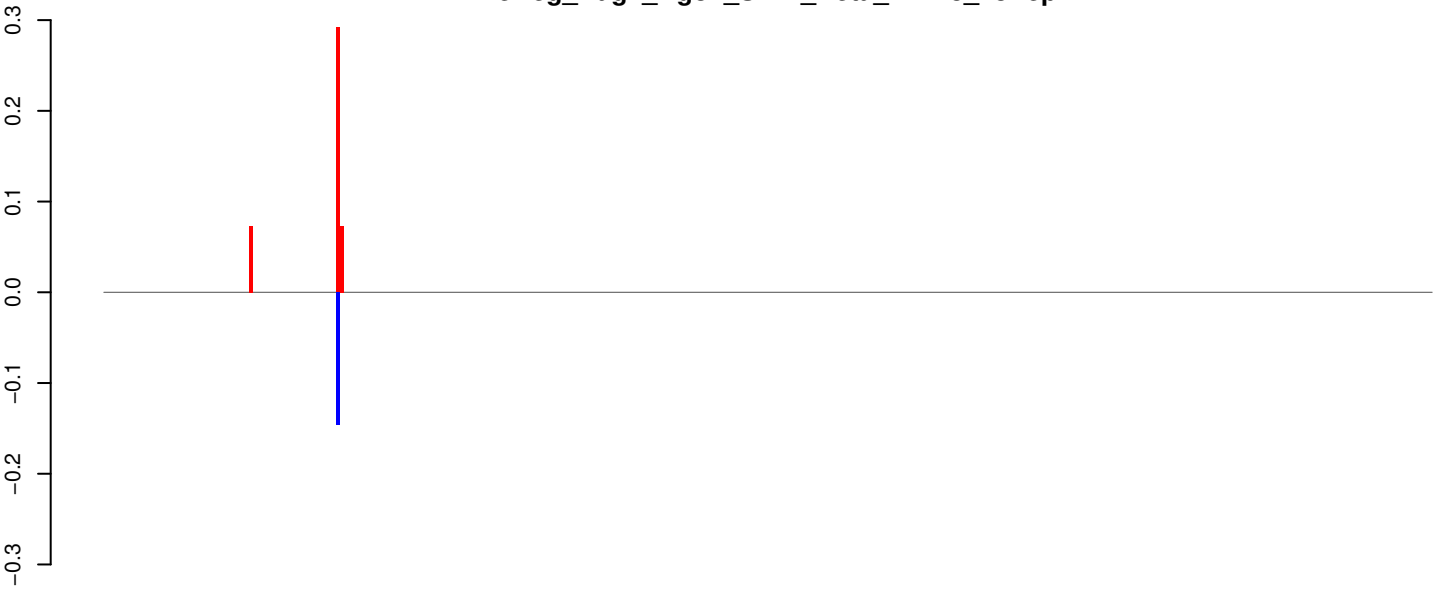
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

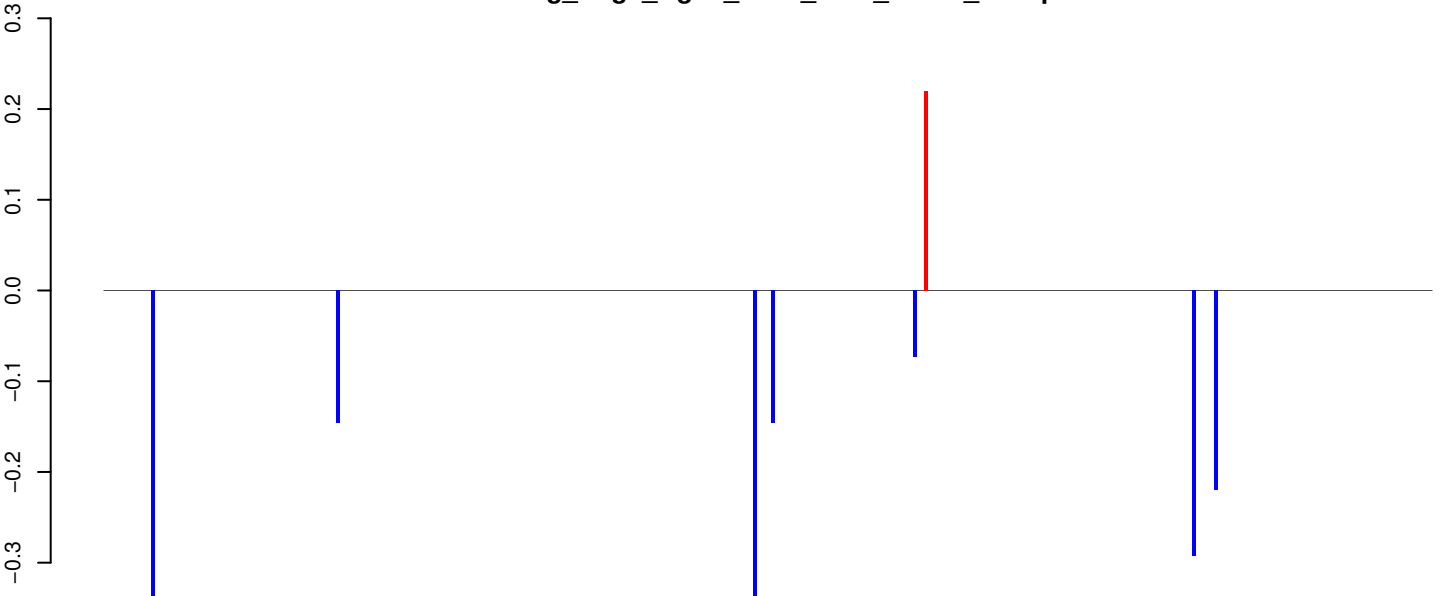


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=0, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=2, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



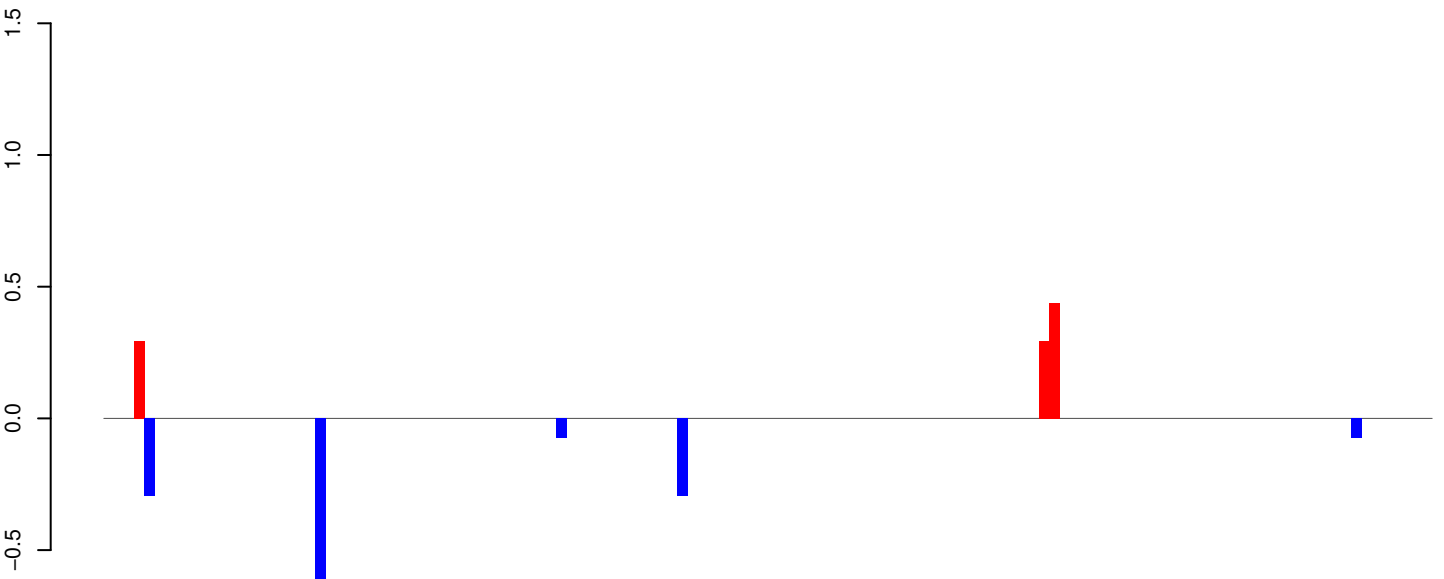
positive=1, negative=2, total=2

Window size=25, length=9150, TE@Gypsy-142\_AA-LTR-I:1-9150

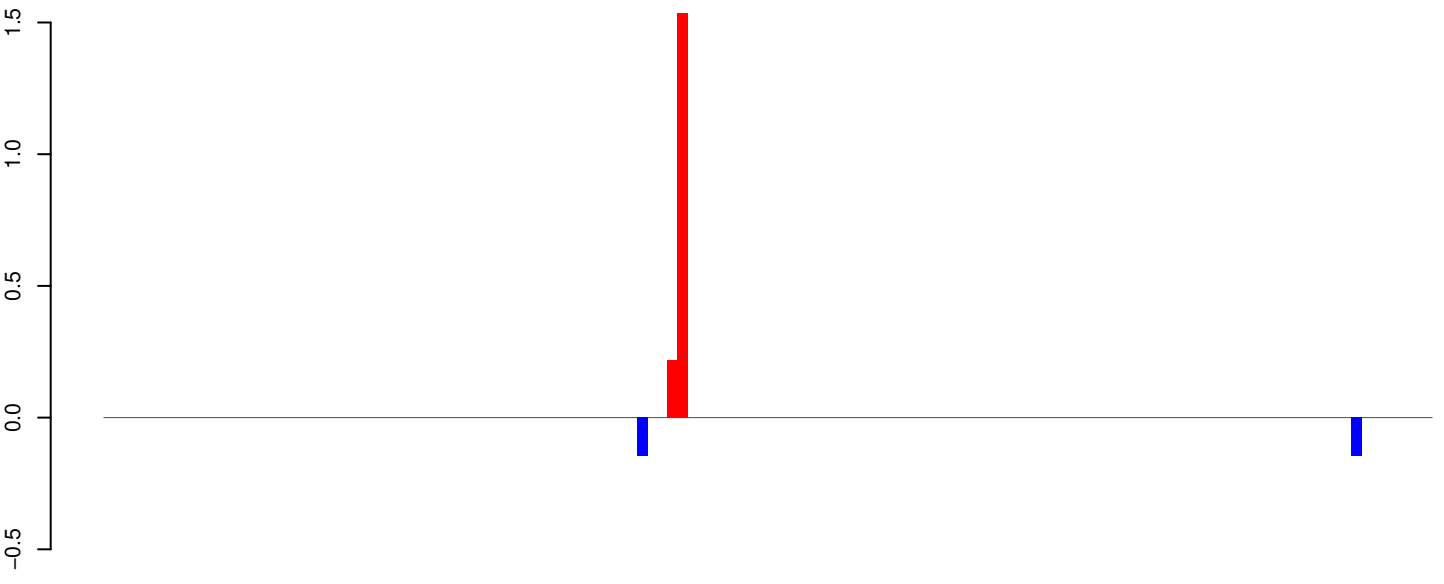
0 2000 4000 6000 8000



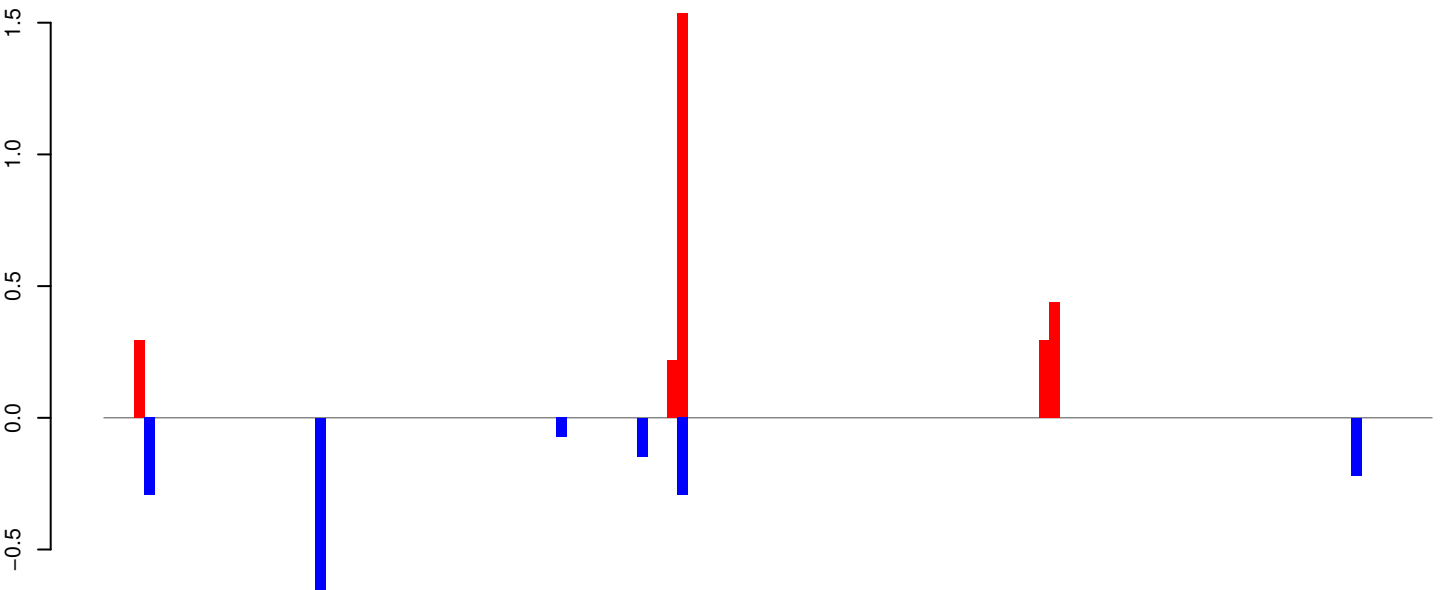
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

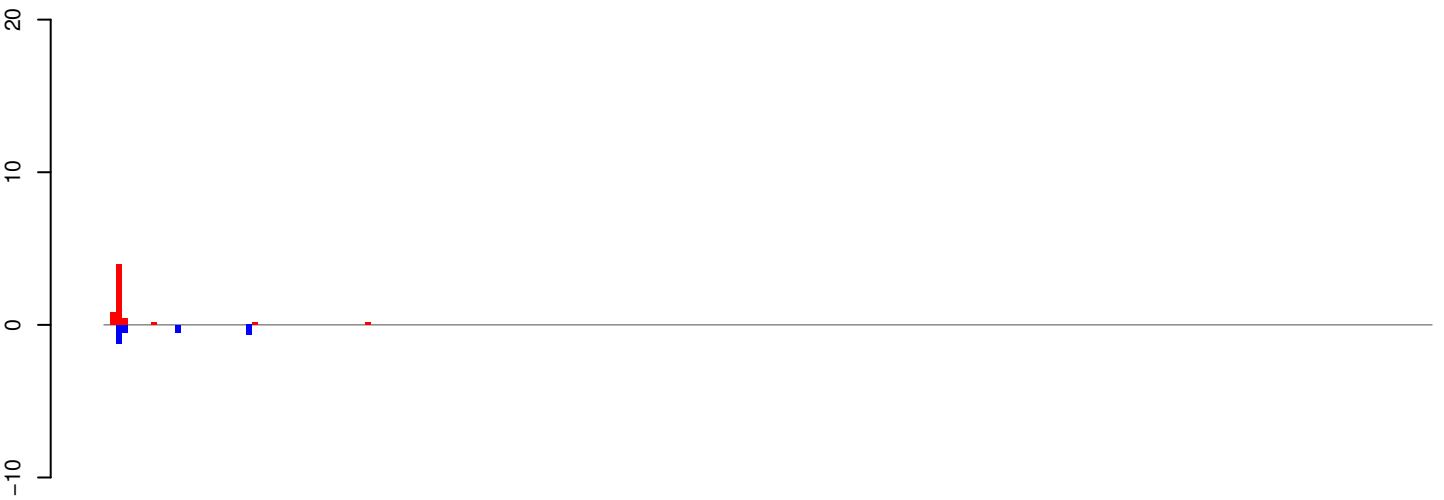


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



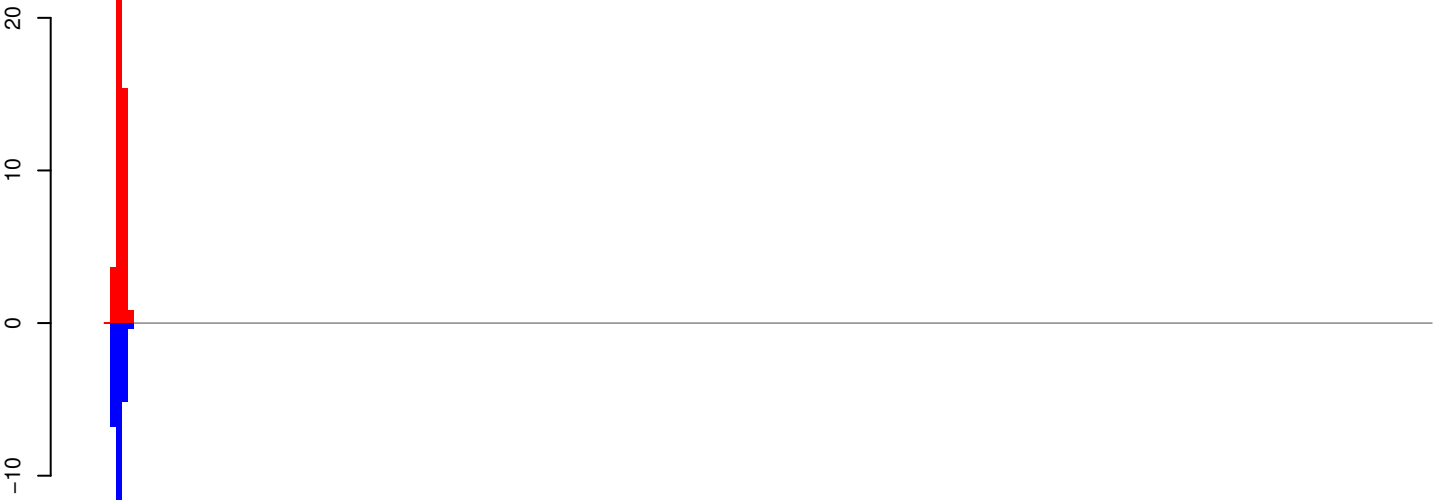
Window size=25, length=3296, TE@DNA3-1\_A Ae:1-3296

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



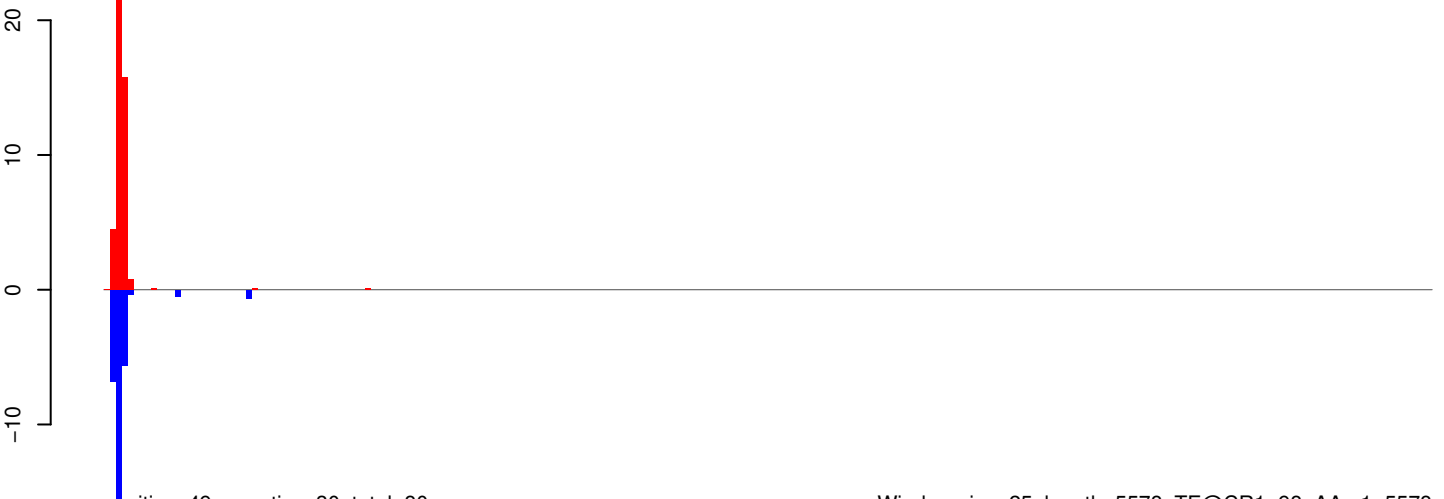
positive=6, negative=3, total=9

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=44, negative=27, total=71

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

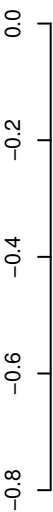


positive=49, negative=30, total=80

Window size=25, length=5578, TE@CR1-98\_A Ae:1-5578

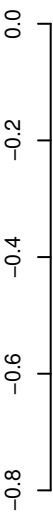
0 1000 2000 3000 4000 5000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



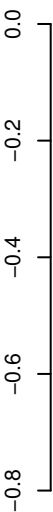
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=3, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

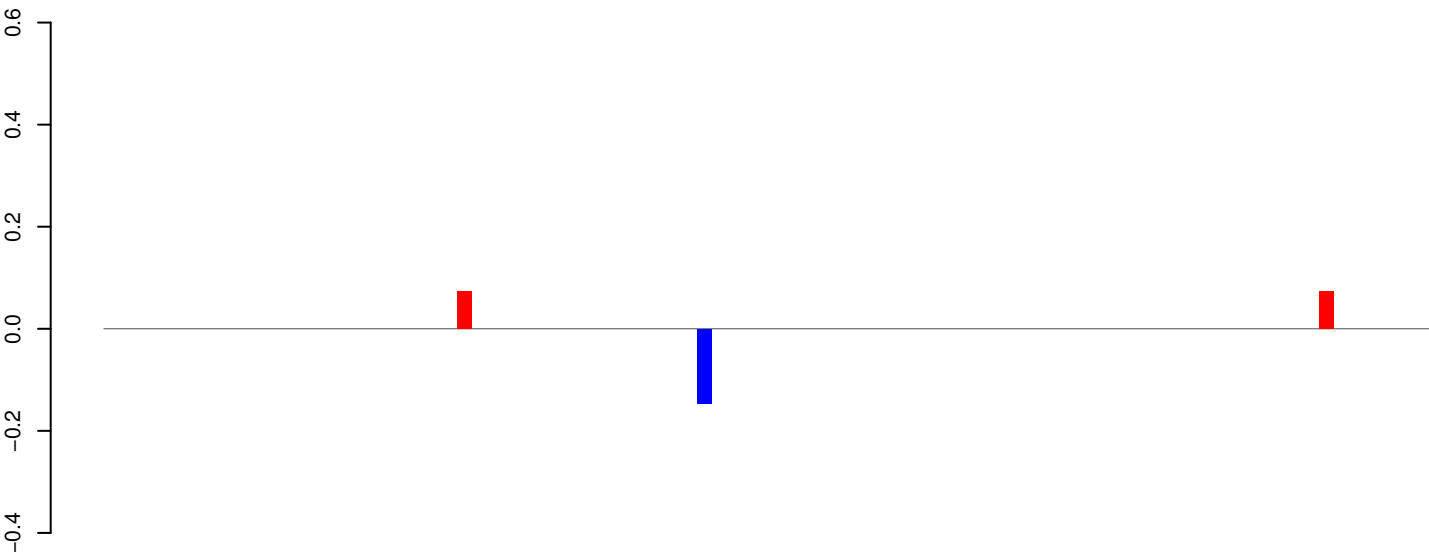


positive=0, negative=4, total=4

Window size=25, length=5089, TE@CR1-79\_A Ae:1-5089

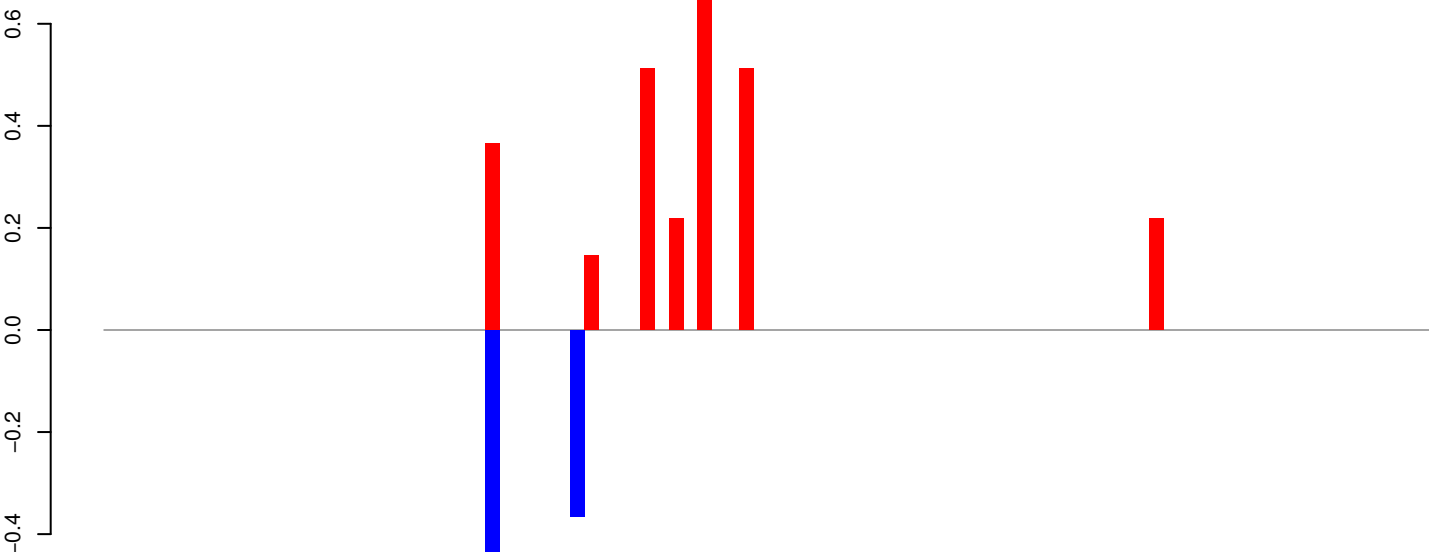
0 1000 2000 3000 4000 5000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



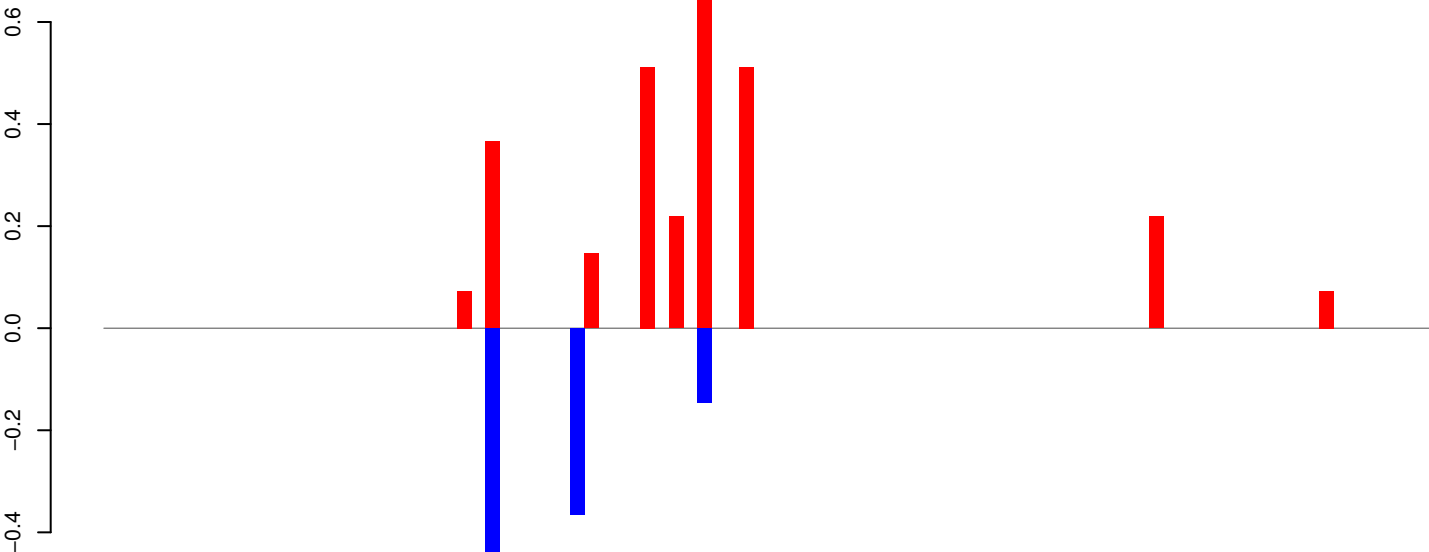
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=3, negative=1, total=4

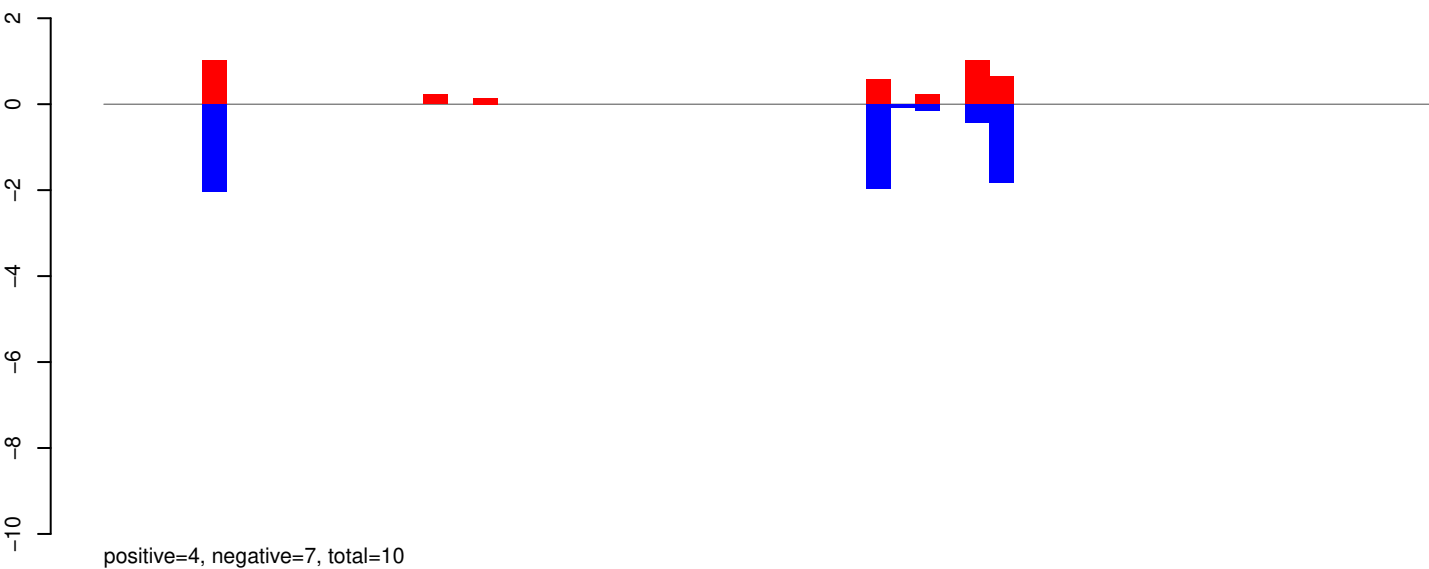
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



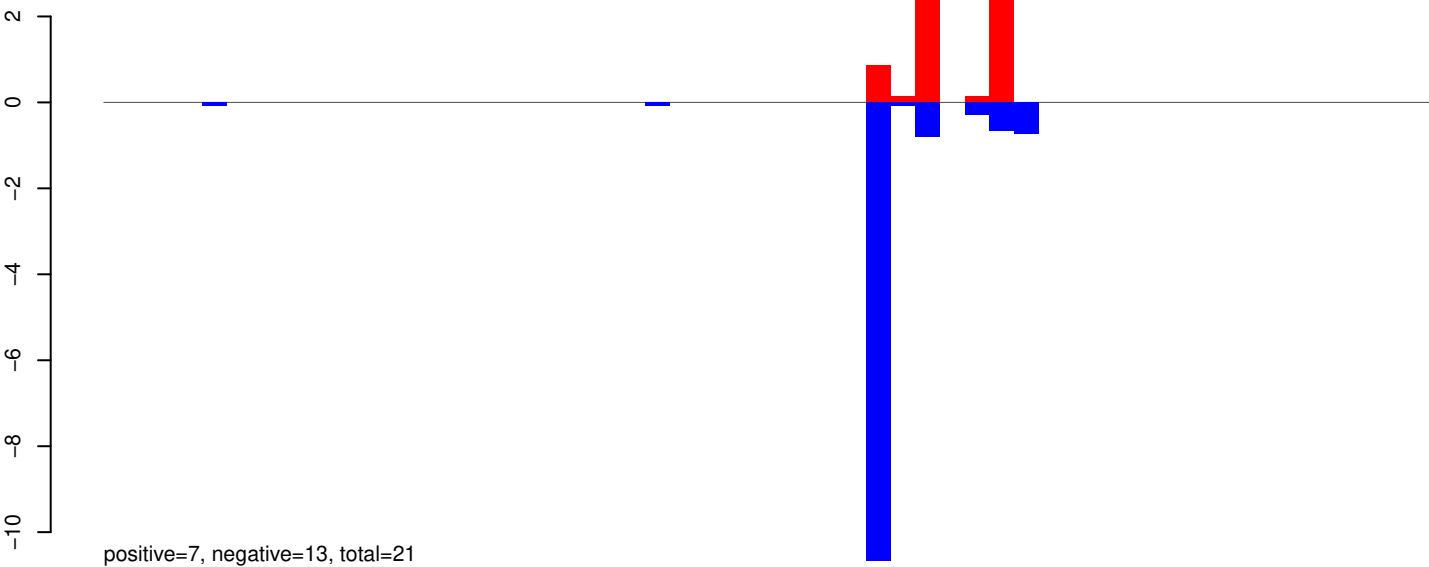
positive=3, negative=1, total=4

Window size=25, length=2350, TE@AY079079.1:1-2350

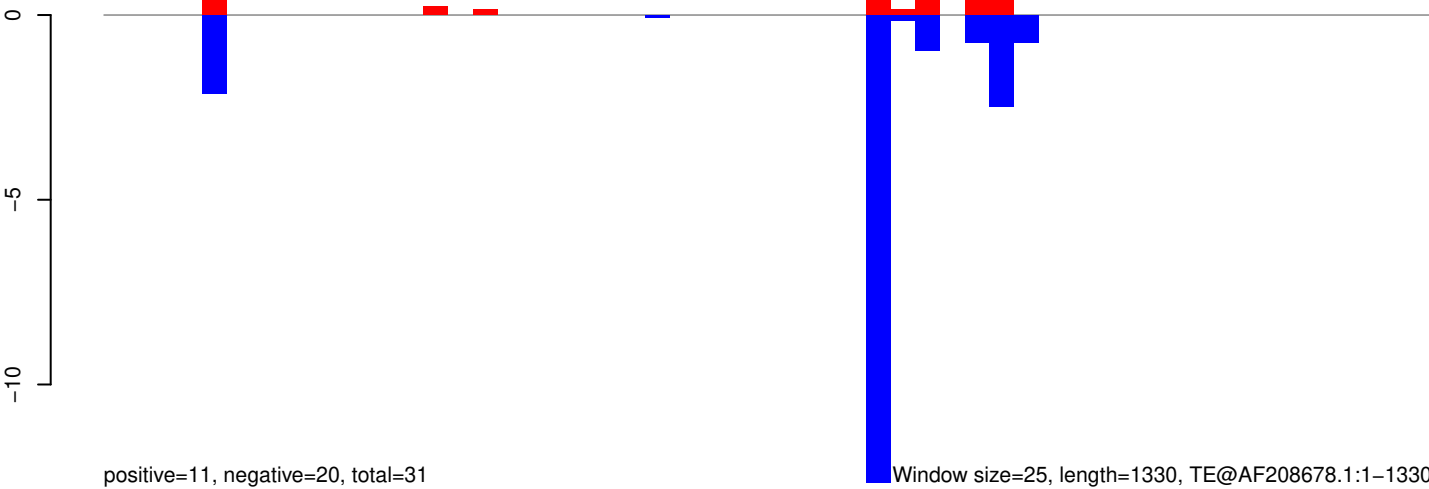
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

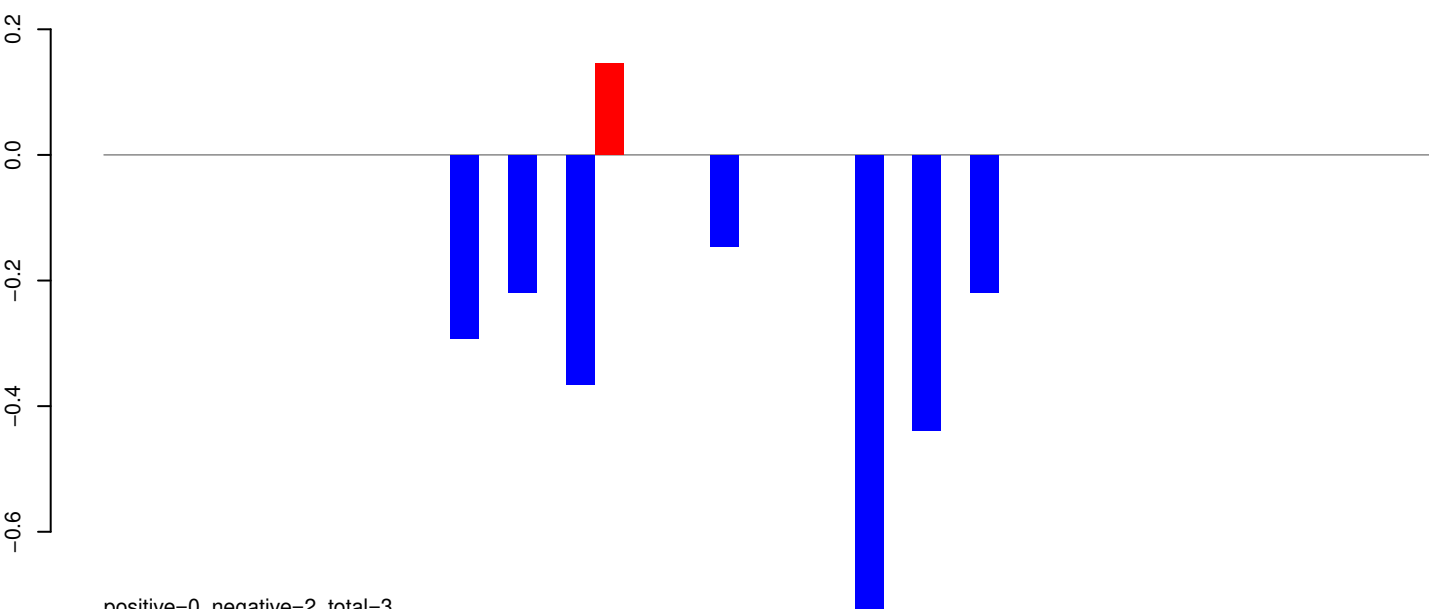


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



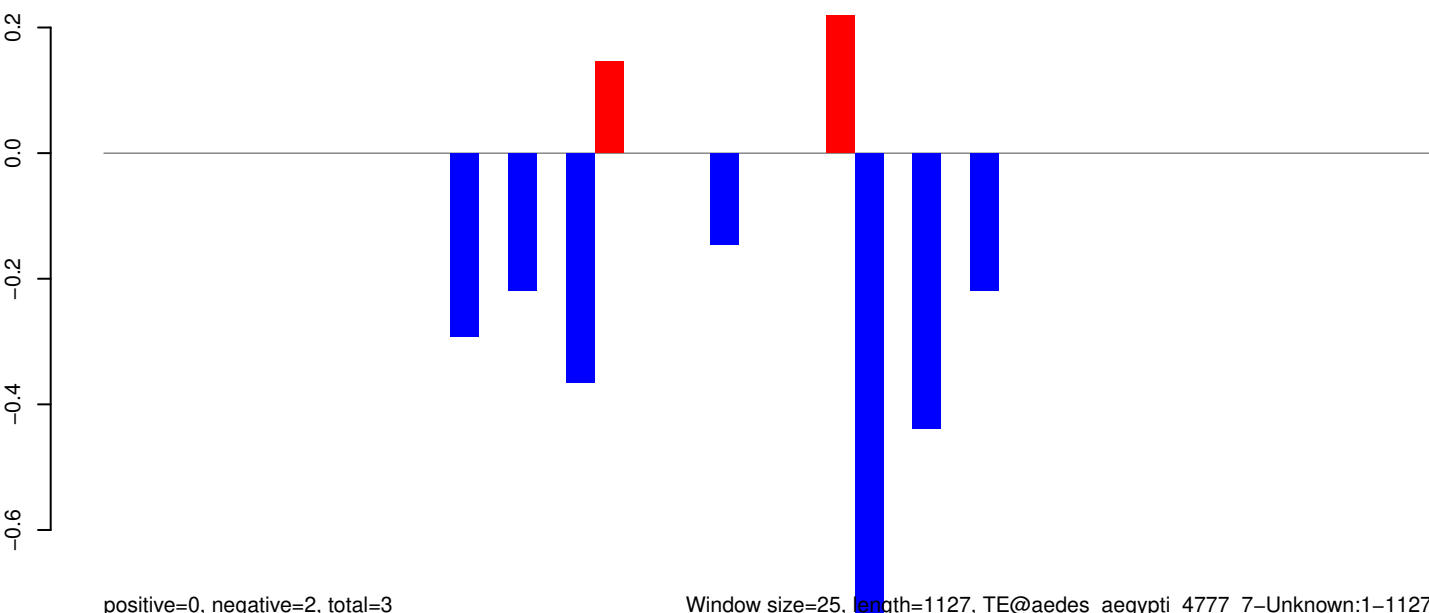
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



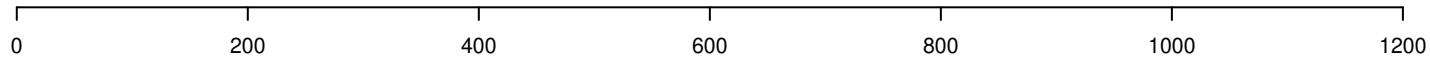
positive=0, negative=2, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

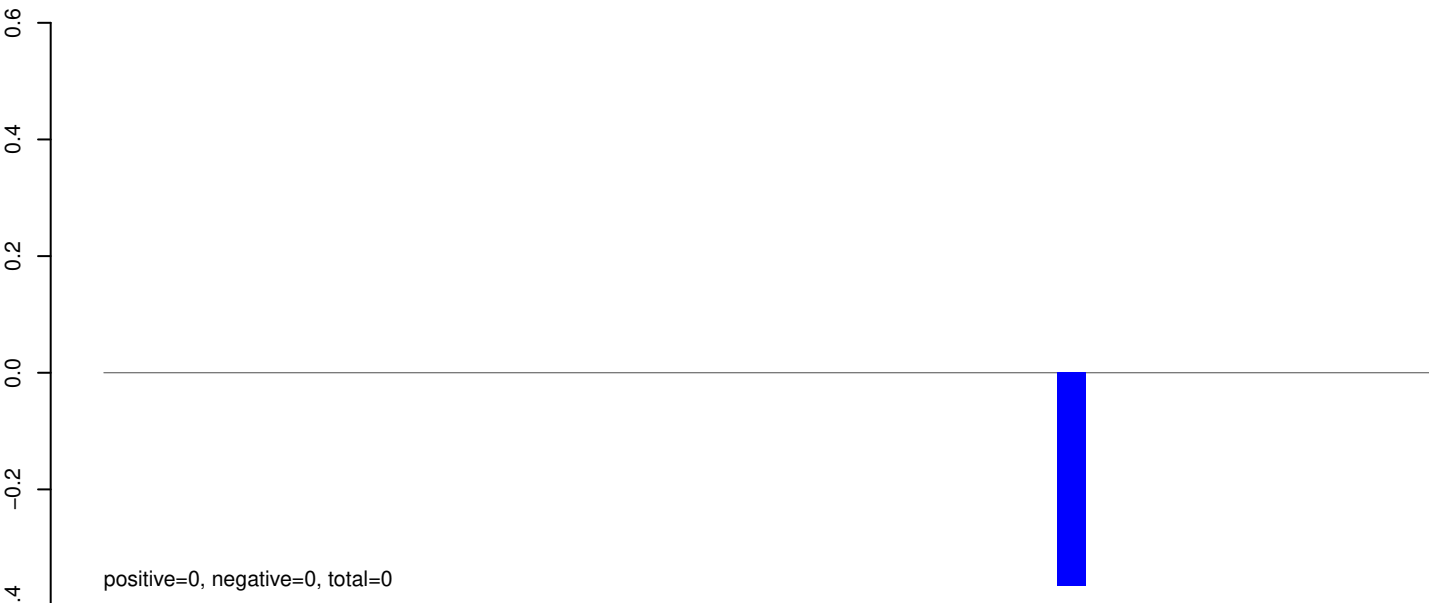


positive=0, negative=2, total=3

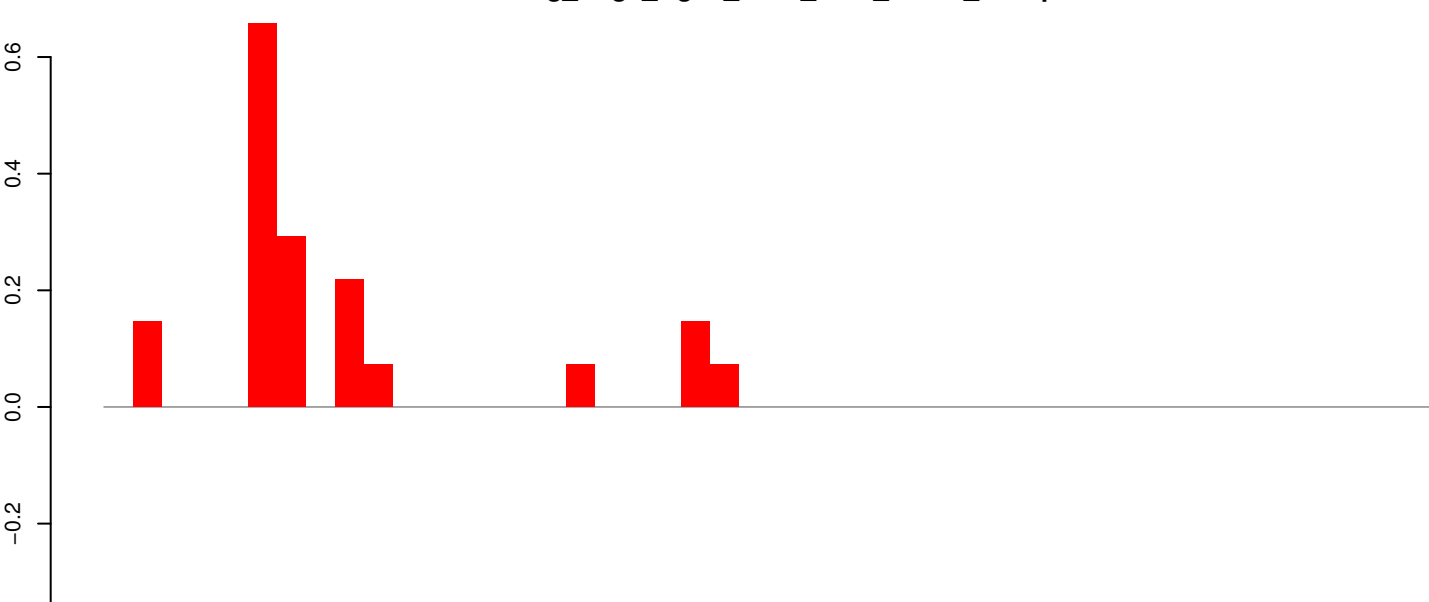
Window size=25, length=1127, TE@aedes\_aegypti\_4777\_7-Unknown:1-1127



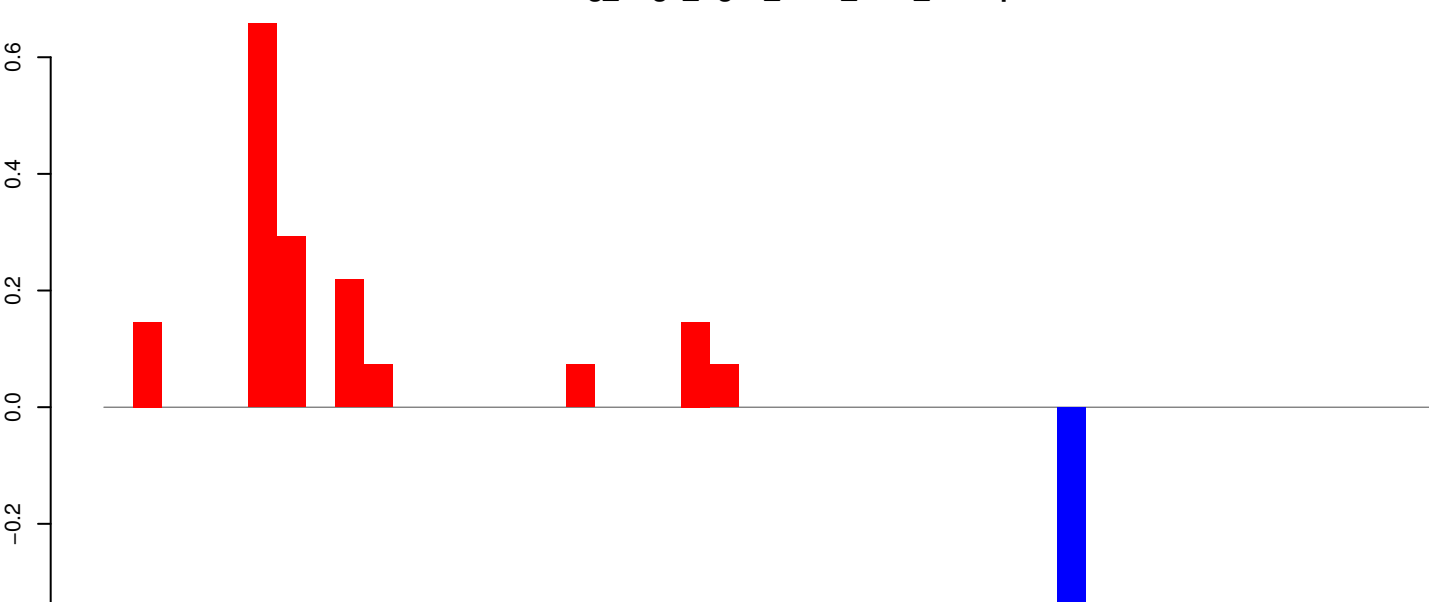
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

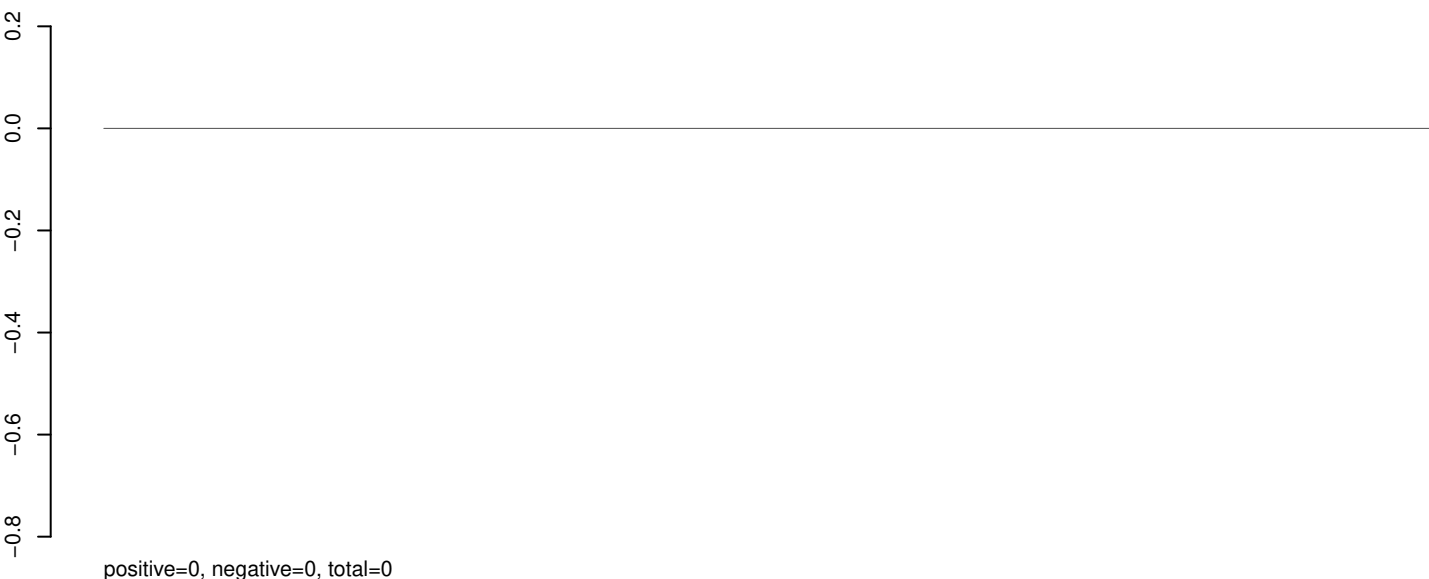


Window size=25, length=1127, TE@aedes\_aegypti\_3750\_7-Unknown:1-1127

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

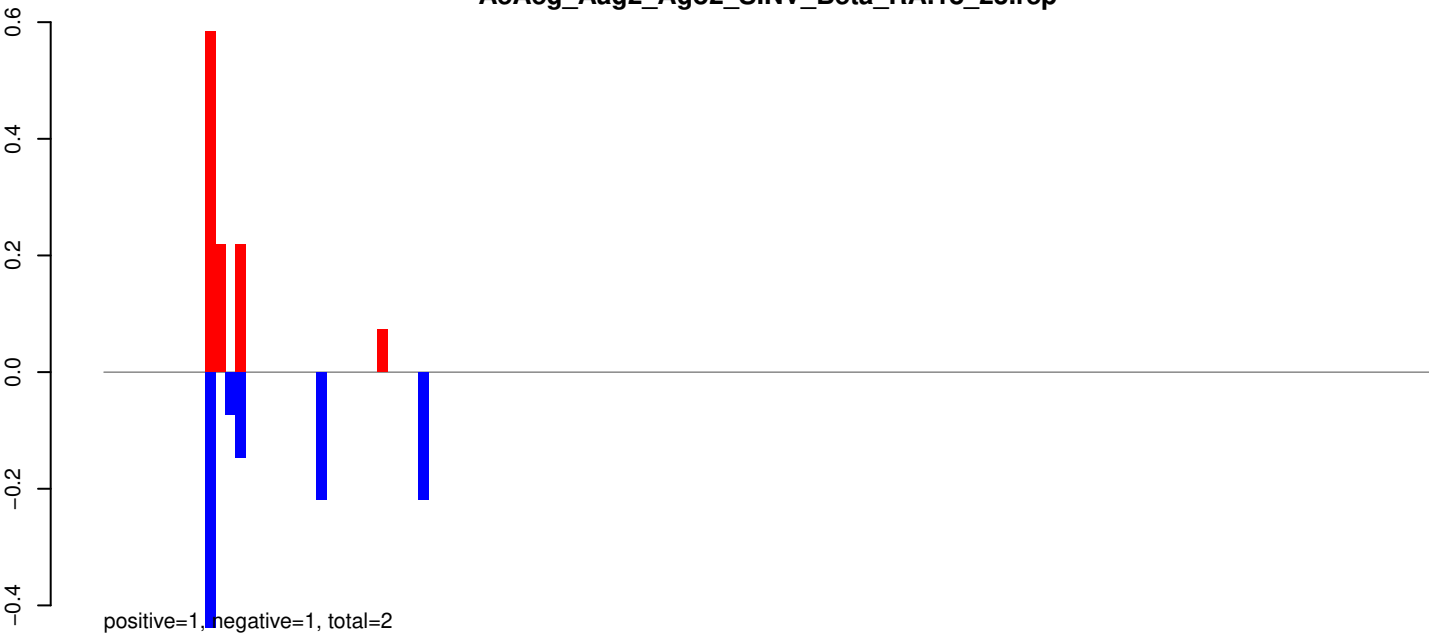


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

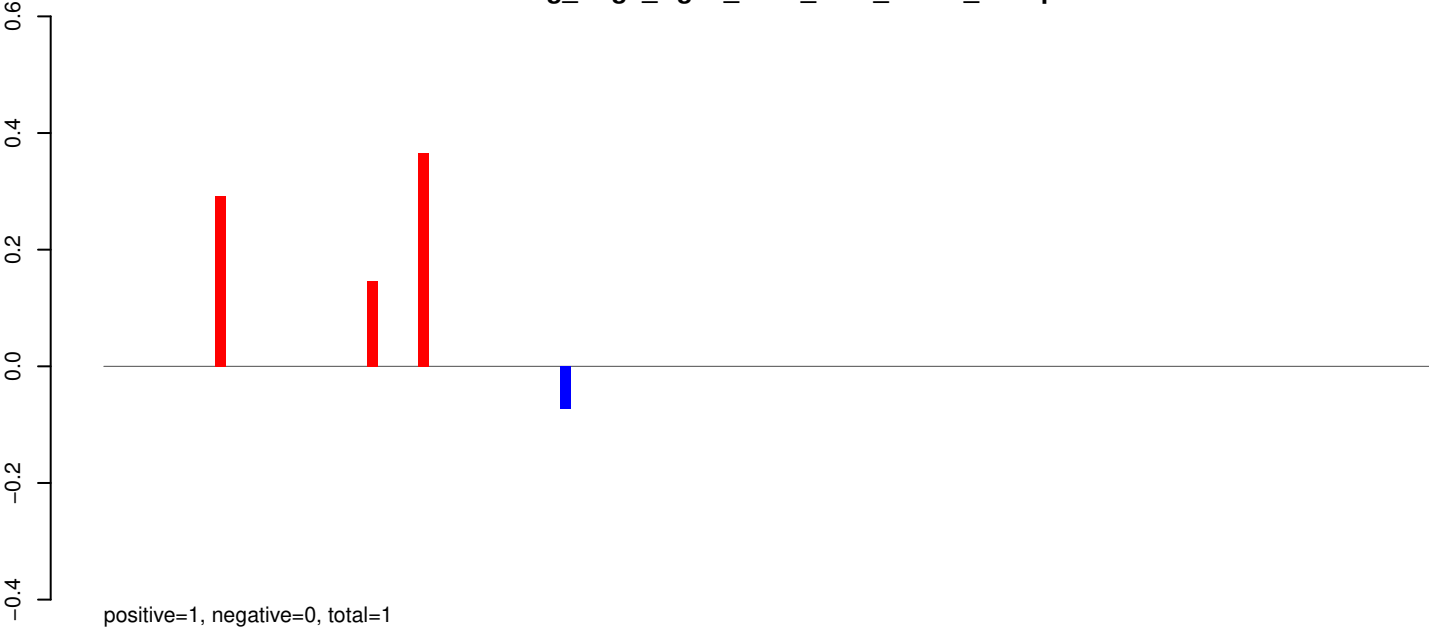




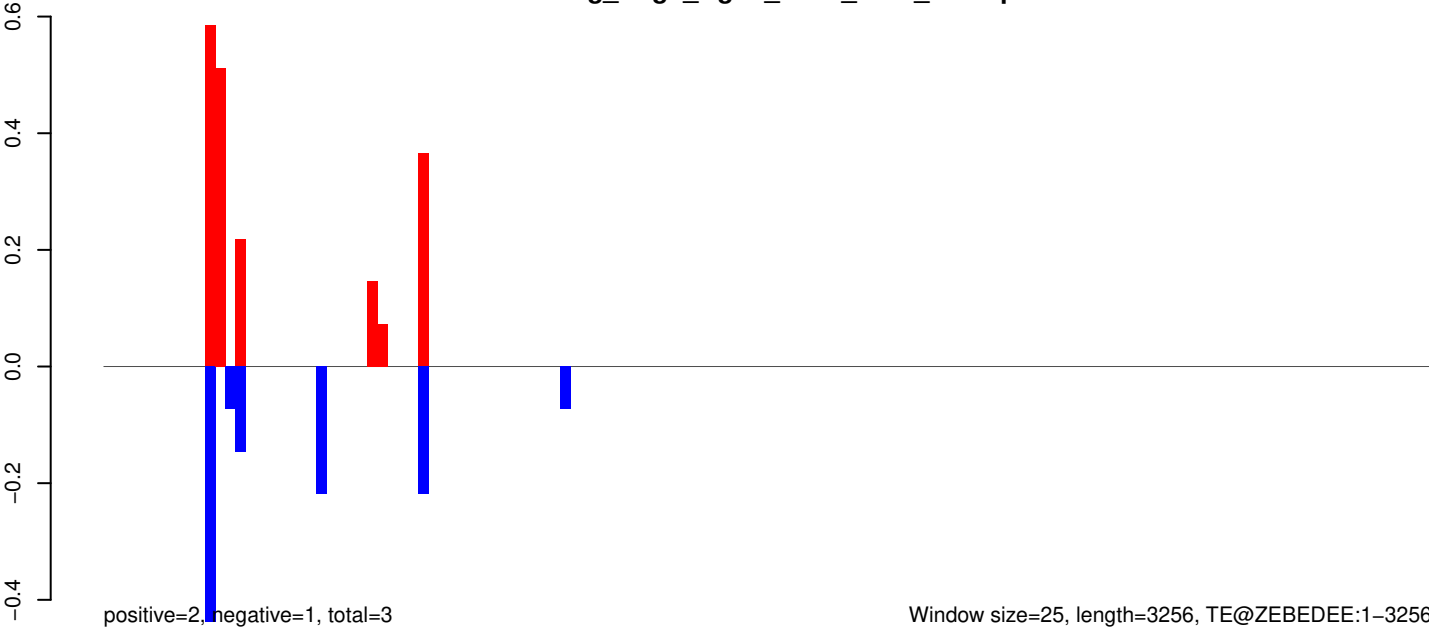
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



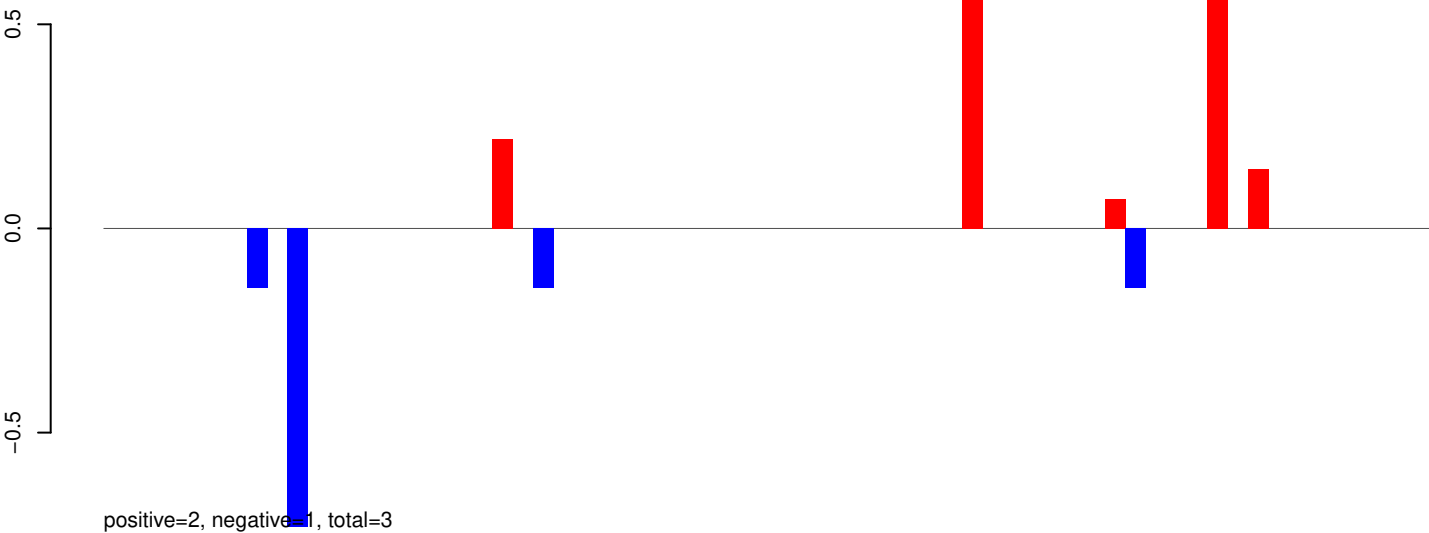
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



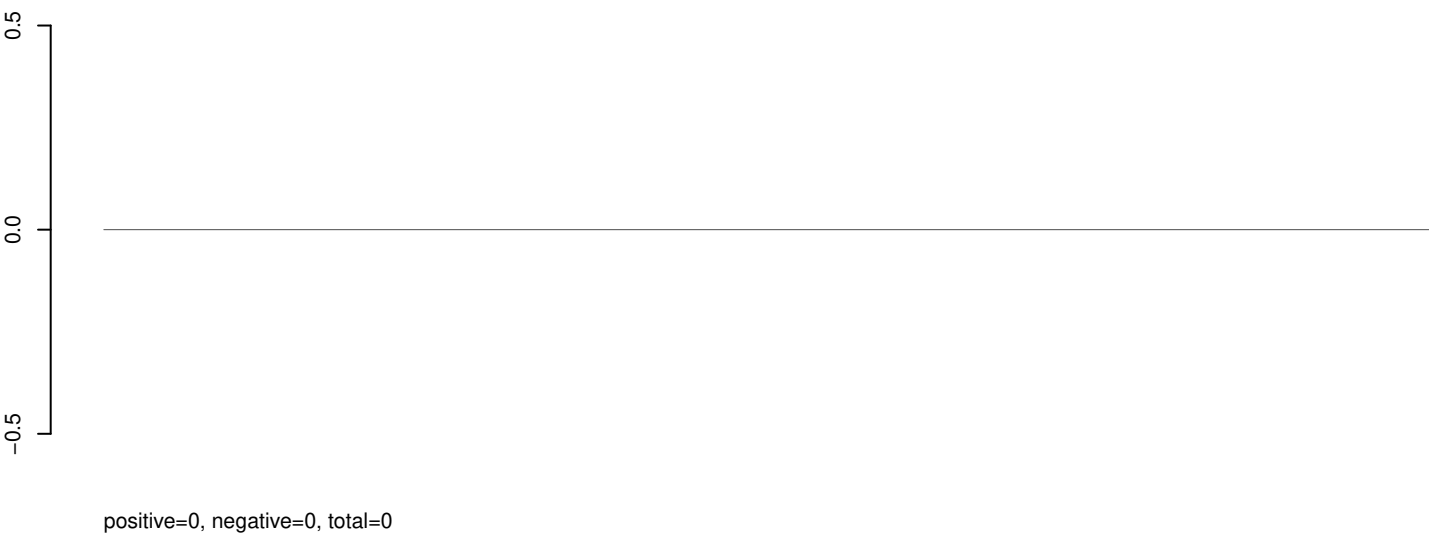
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



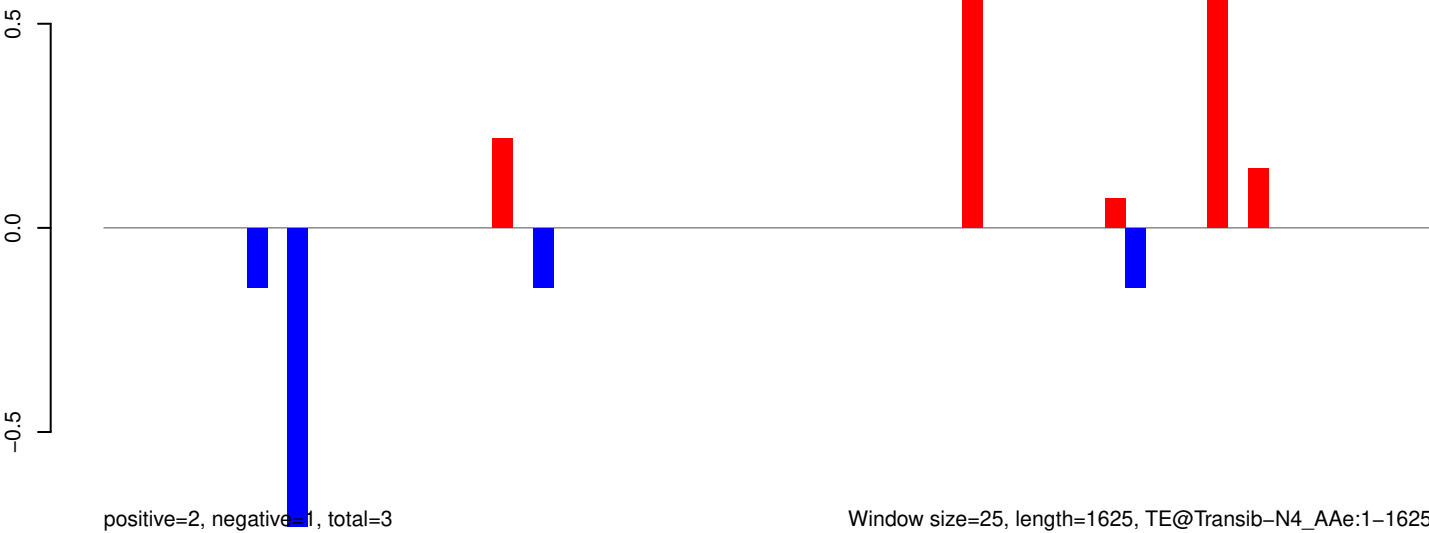
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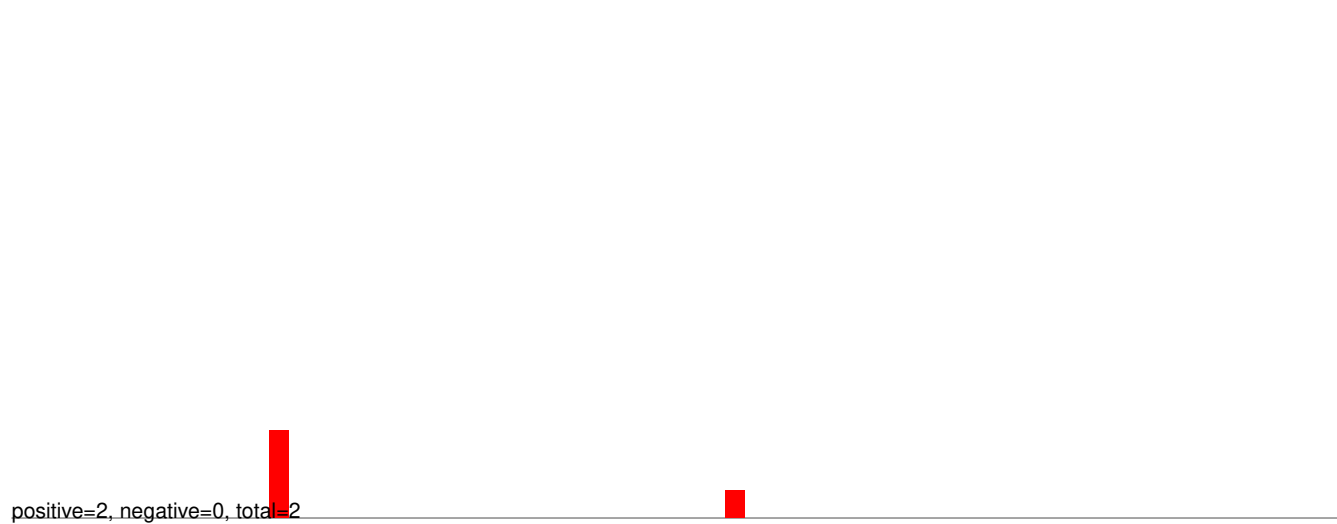
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



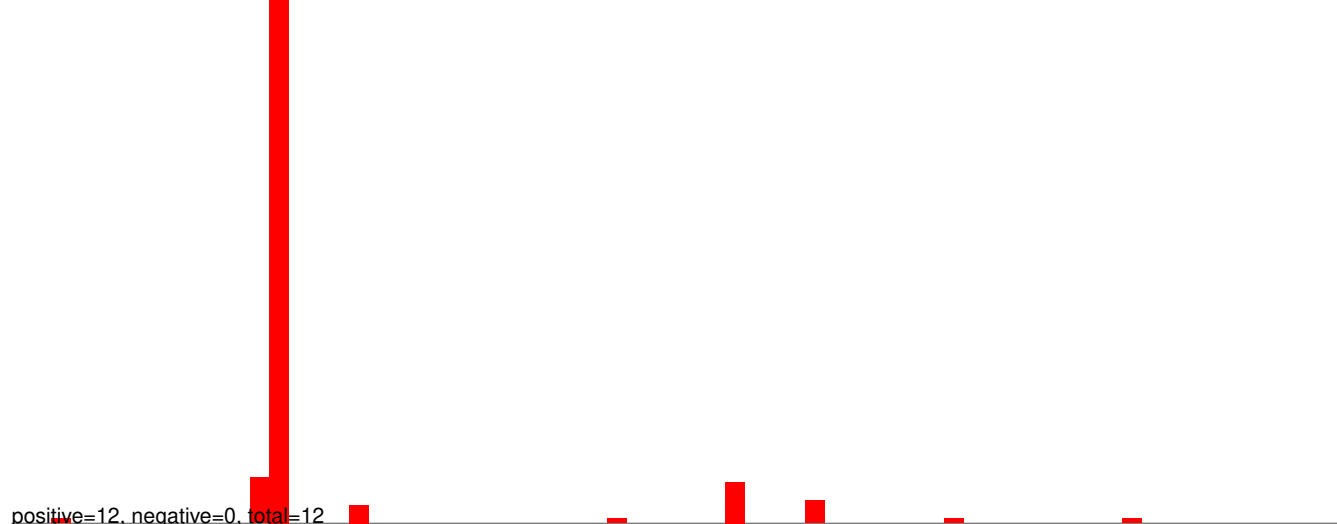
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



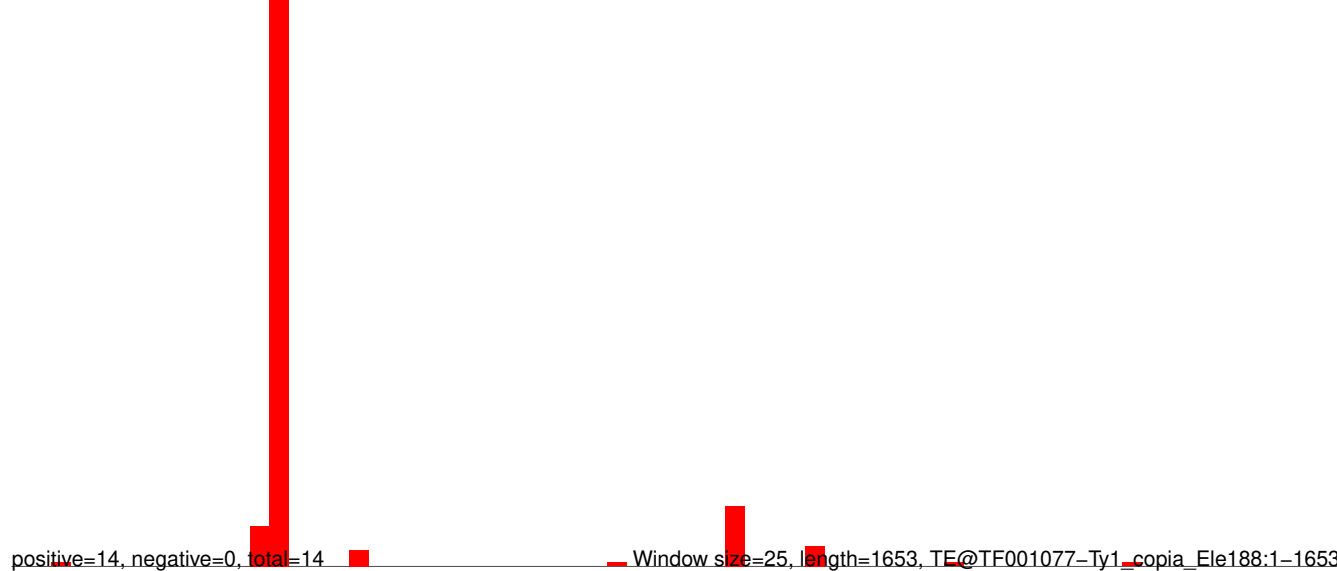
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



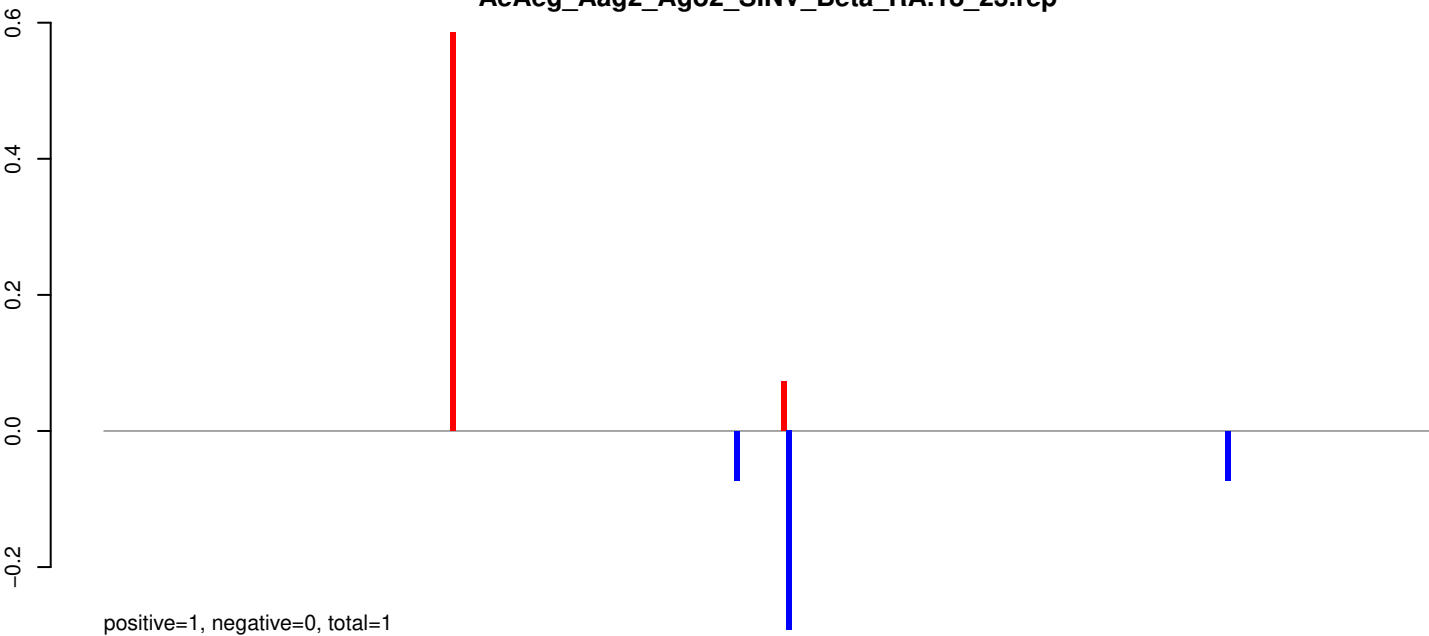
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



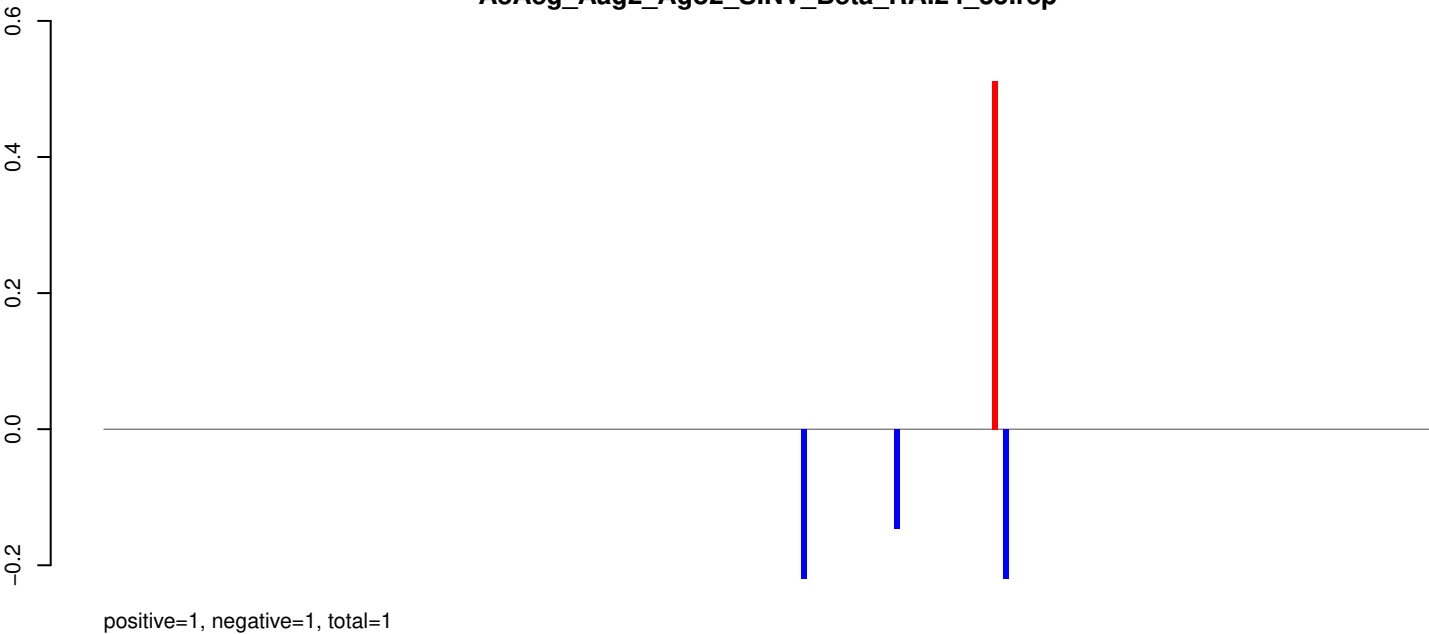
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



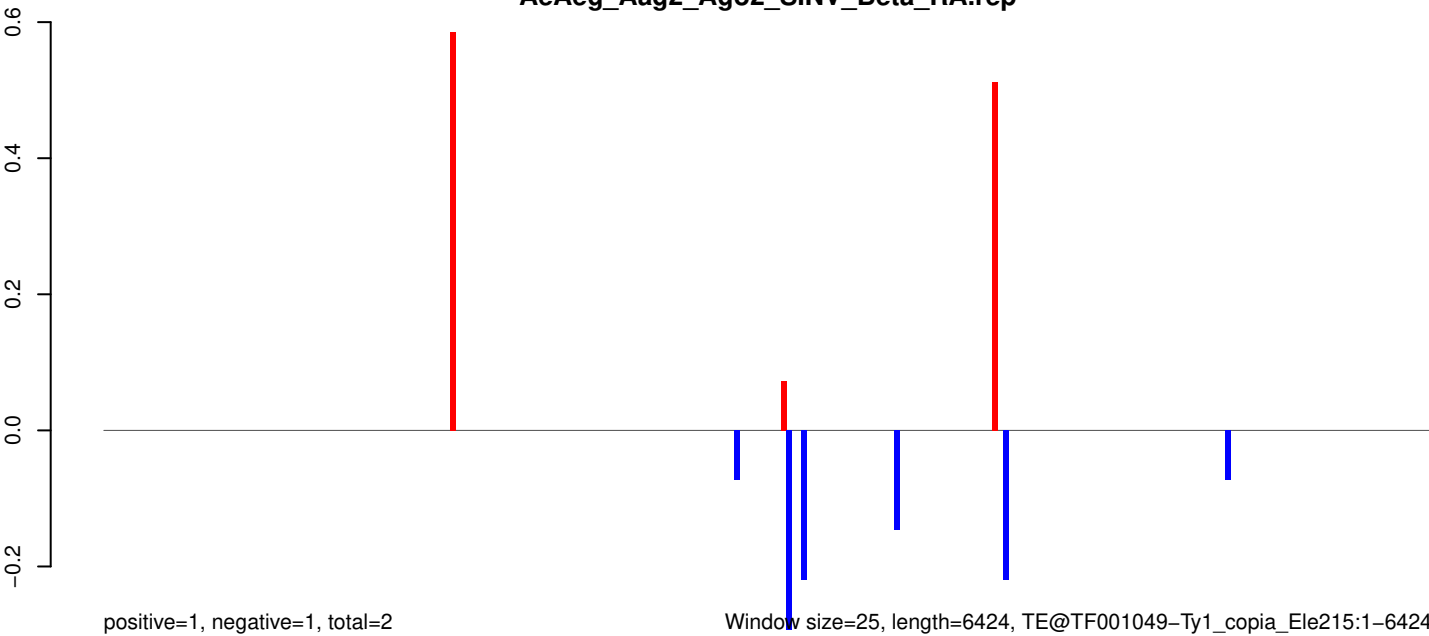
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



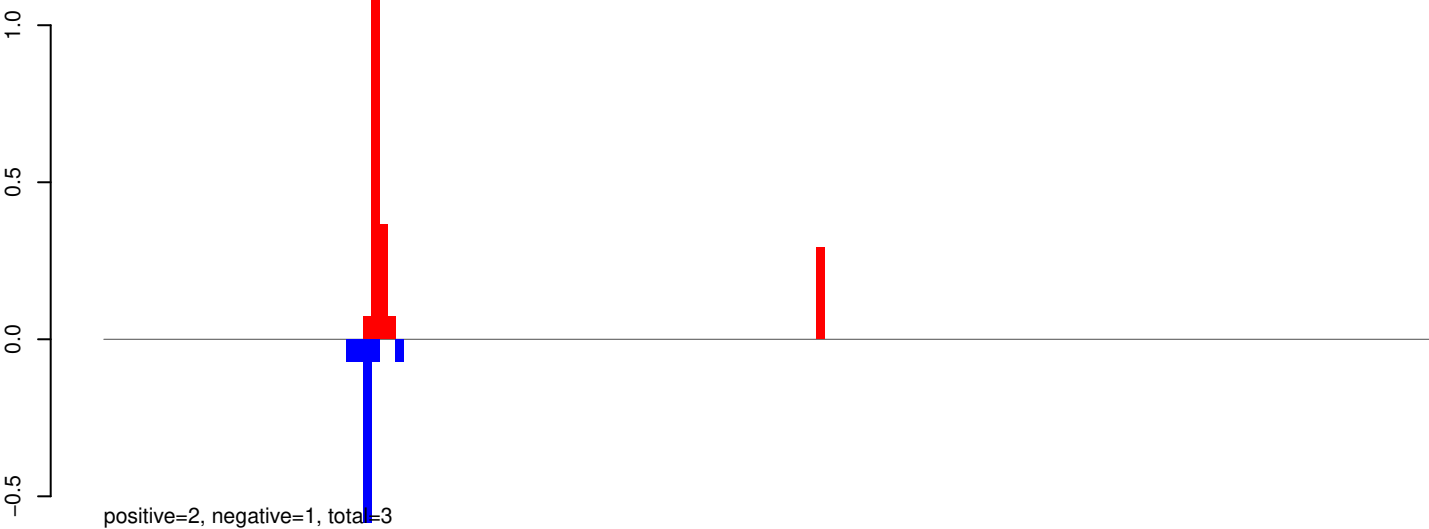
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



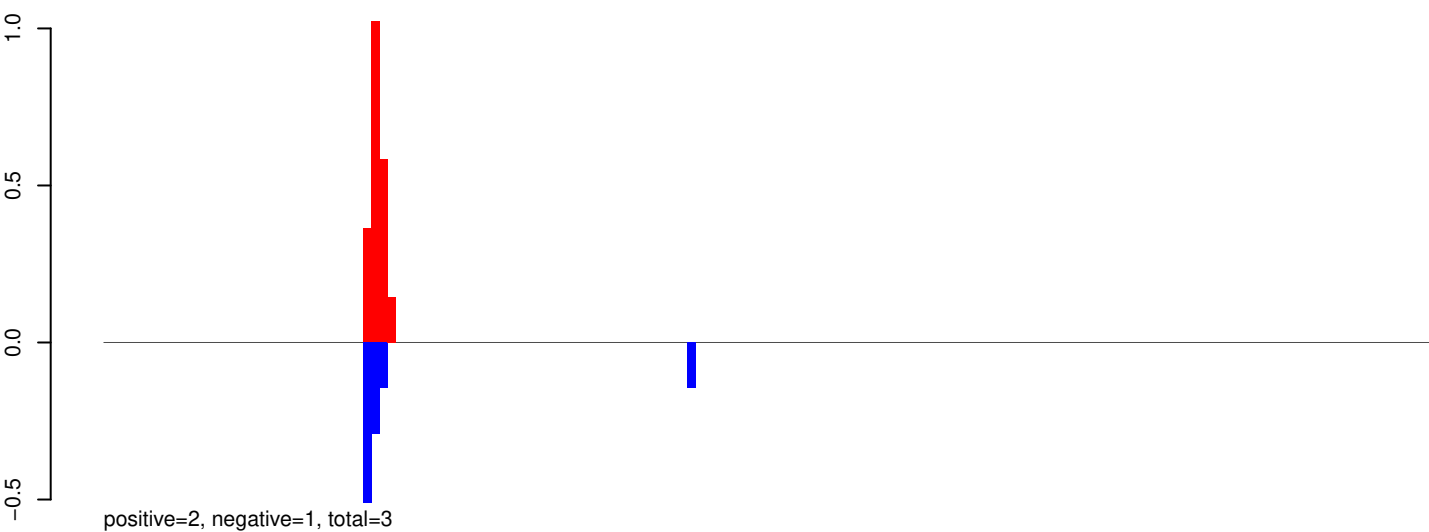
Window size=25, length=6424, TE@TF001049-Ty1\_copia\_Ele215:1-6424

0 1000 2000 3000 4000 5000 6000

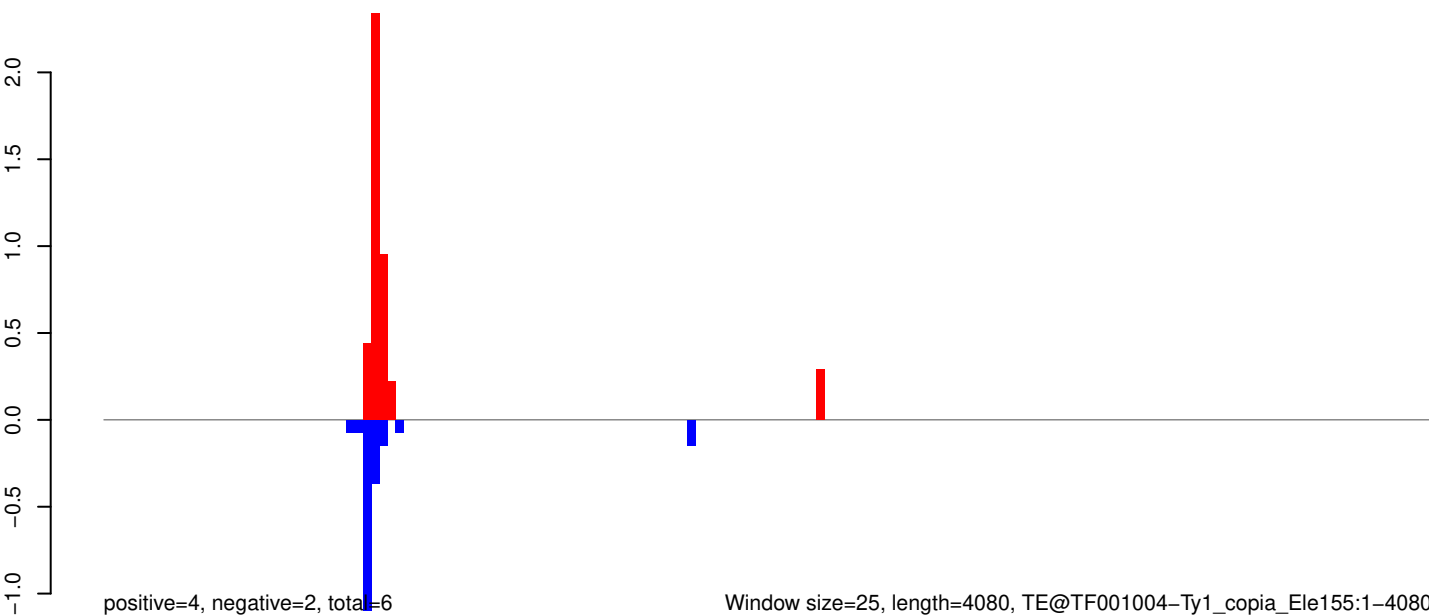
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



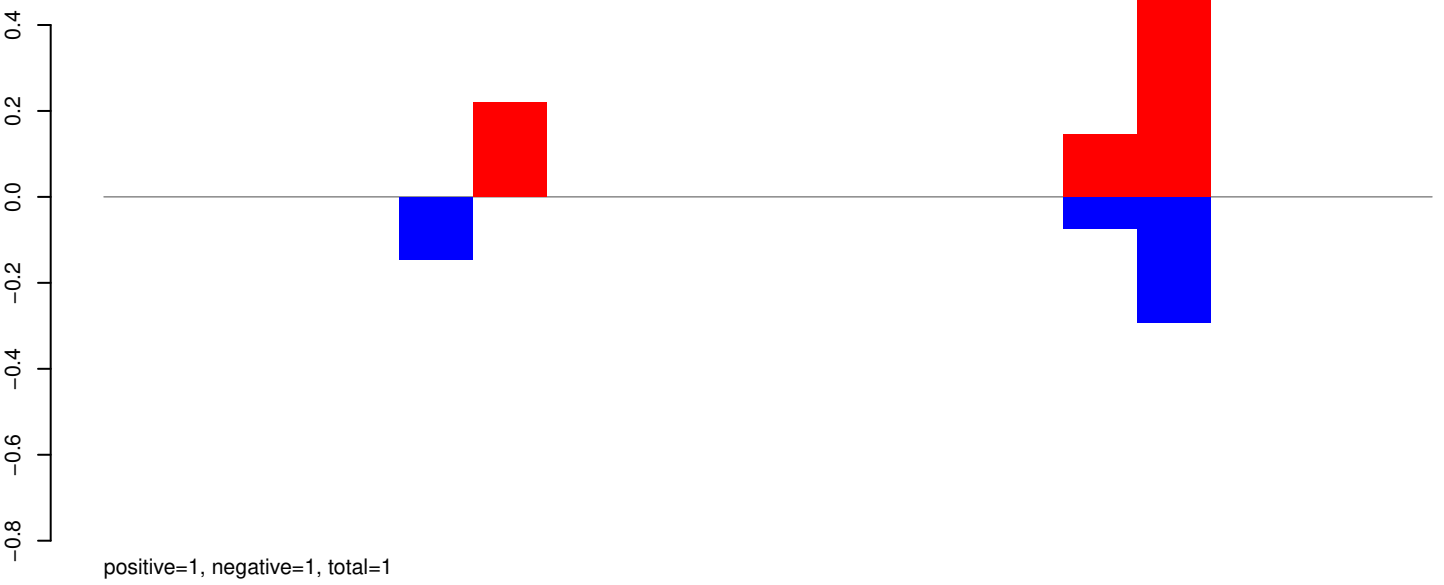
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



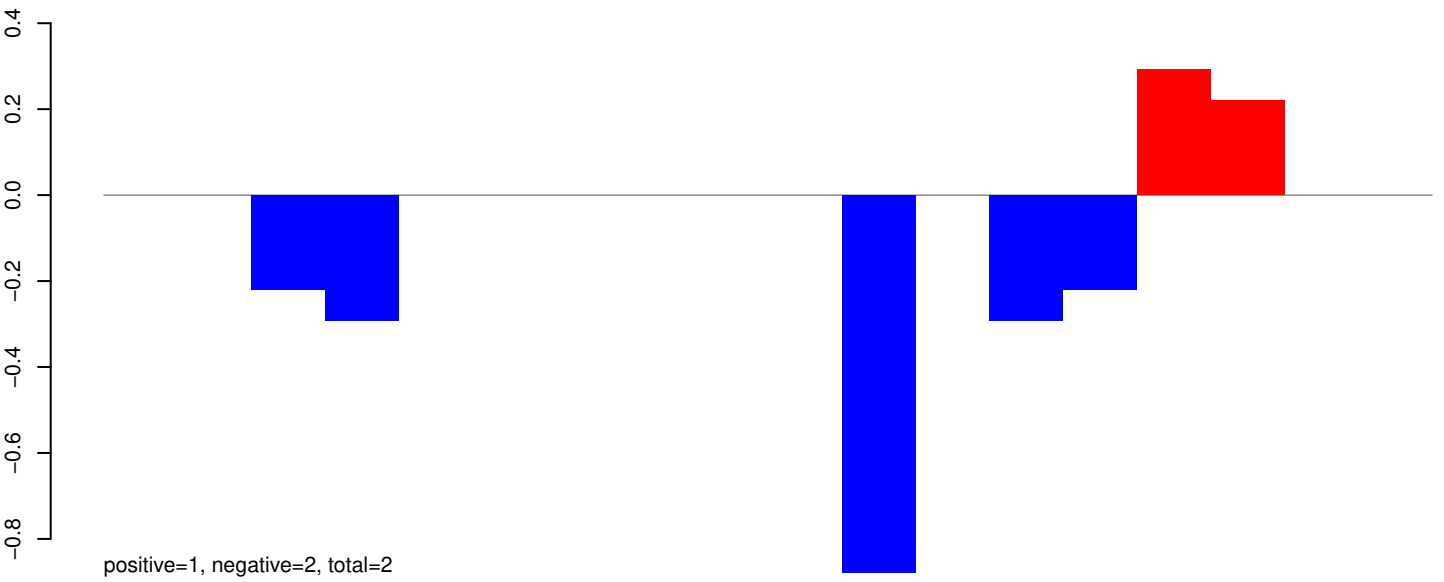
Window size=25, length=4080, TE@TF001004-Ty1\_copia\_Ele155:1-4080

0 1000 2000 3000 4000

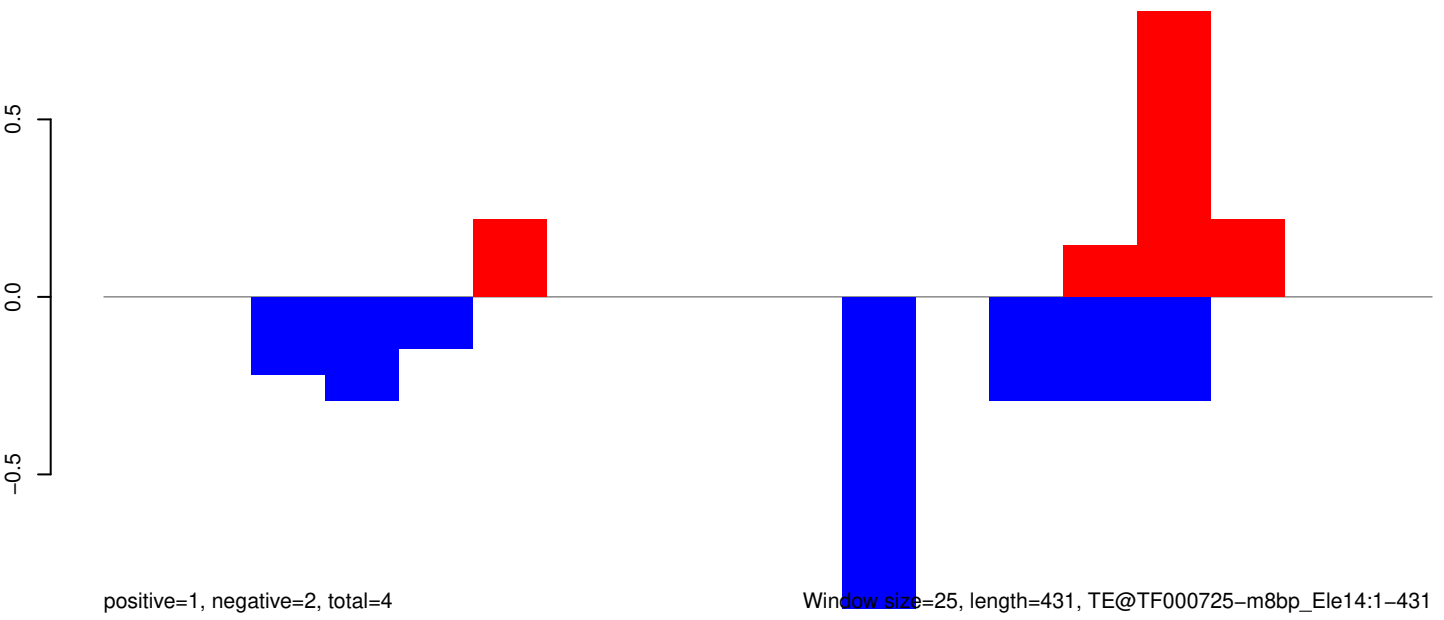
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=431, TE@TF000725-m8bp\_Ele14:1-431

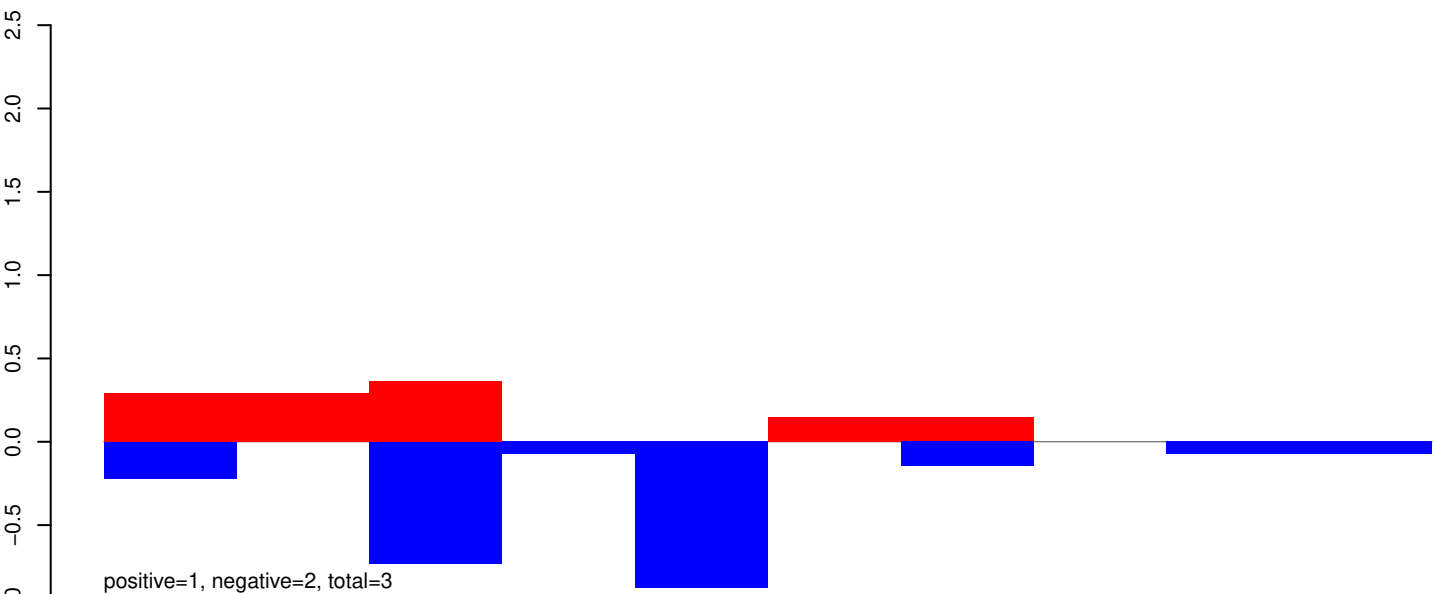
100

200

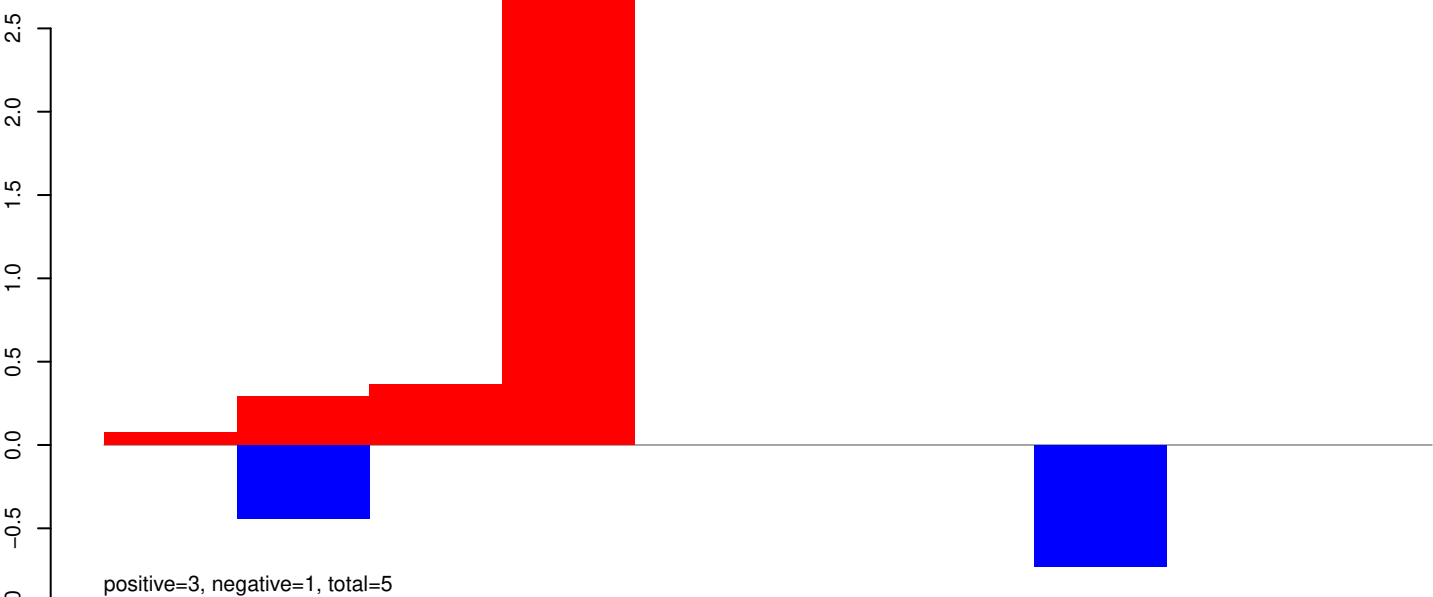
300

400

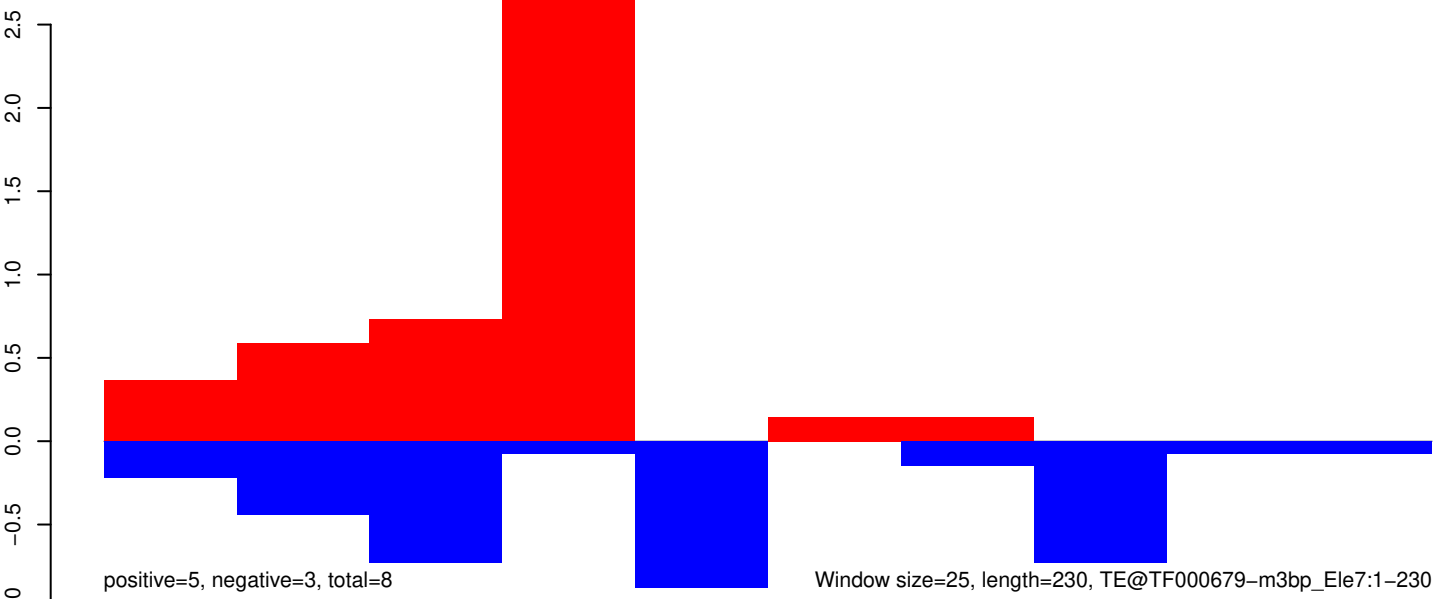
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



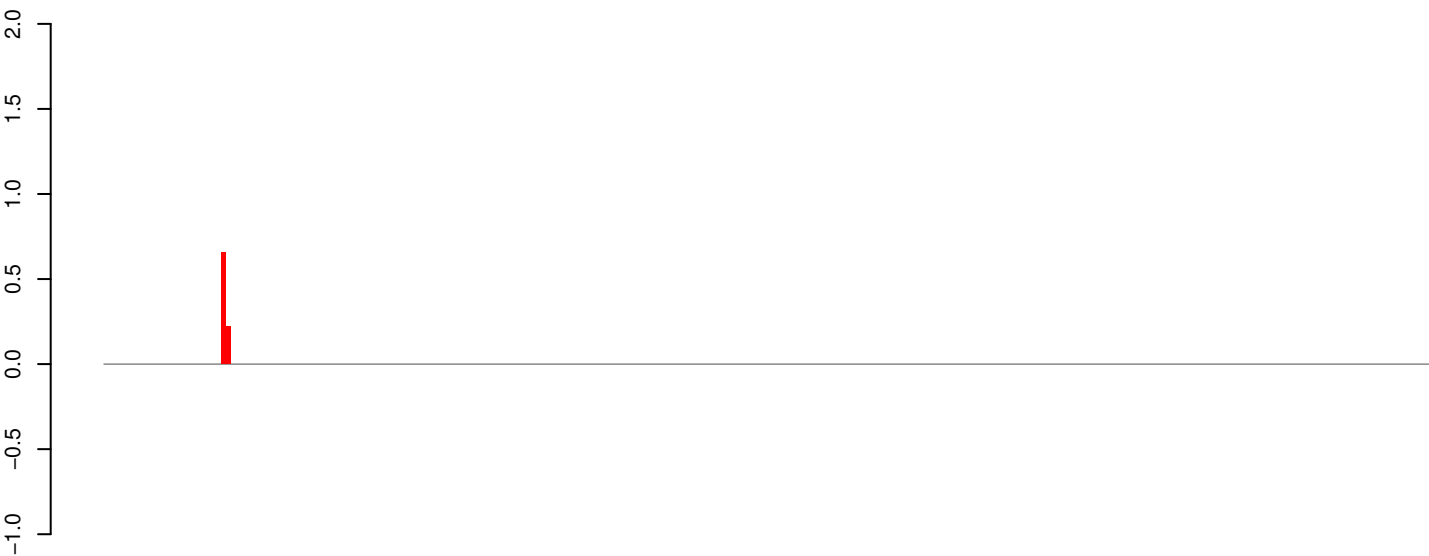
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

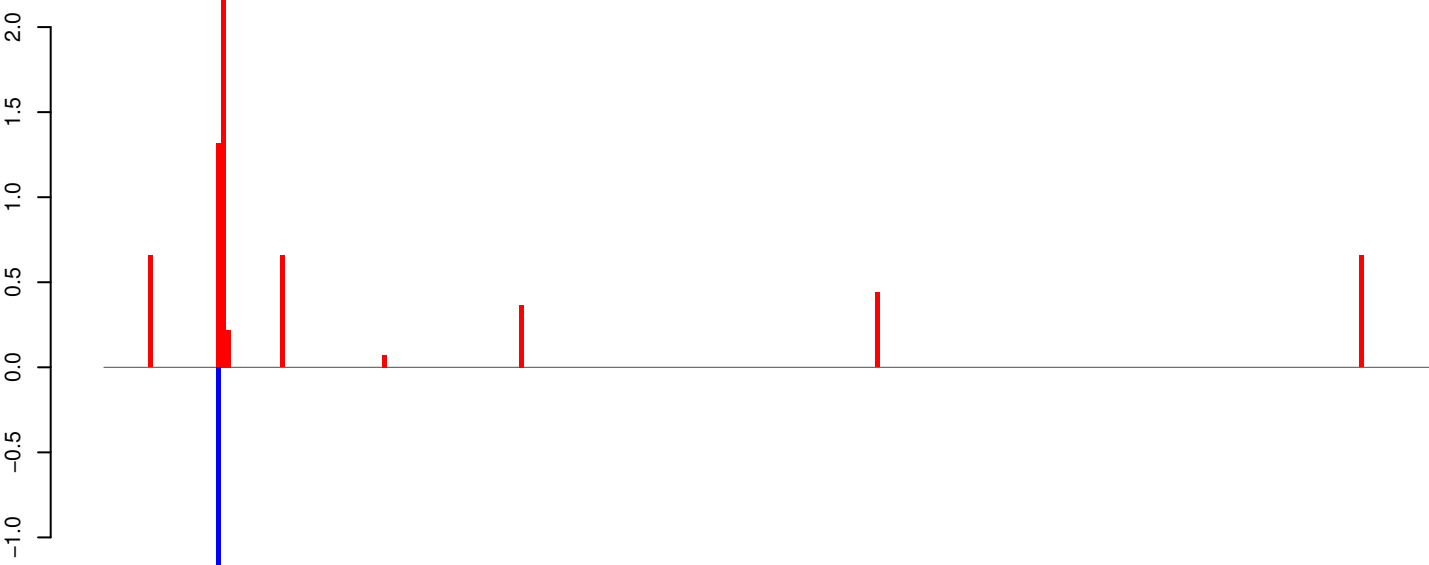


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



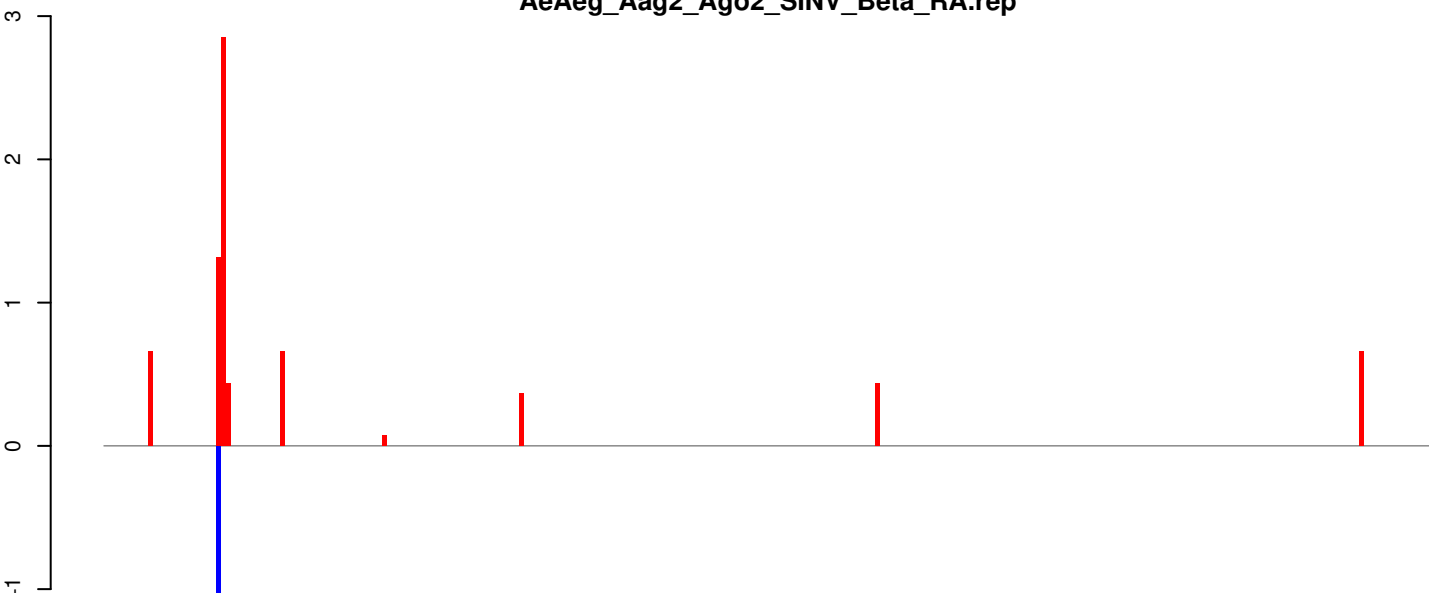
positive=1, negative=0, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=7, negative=1, total=8

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



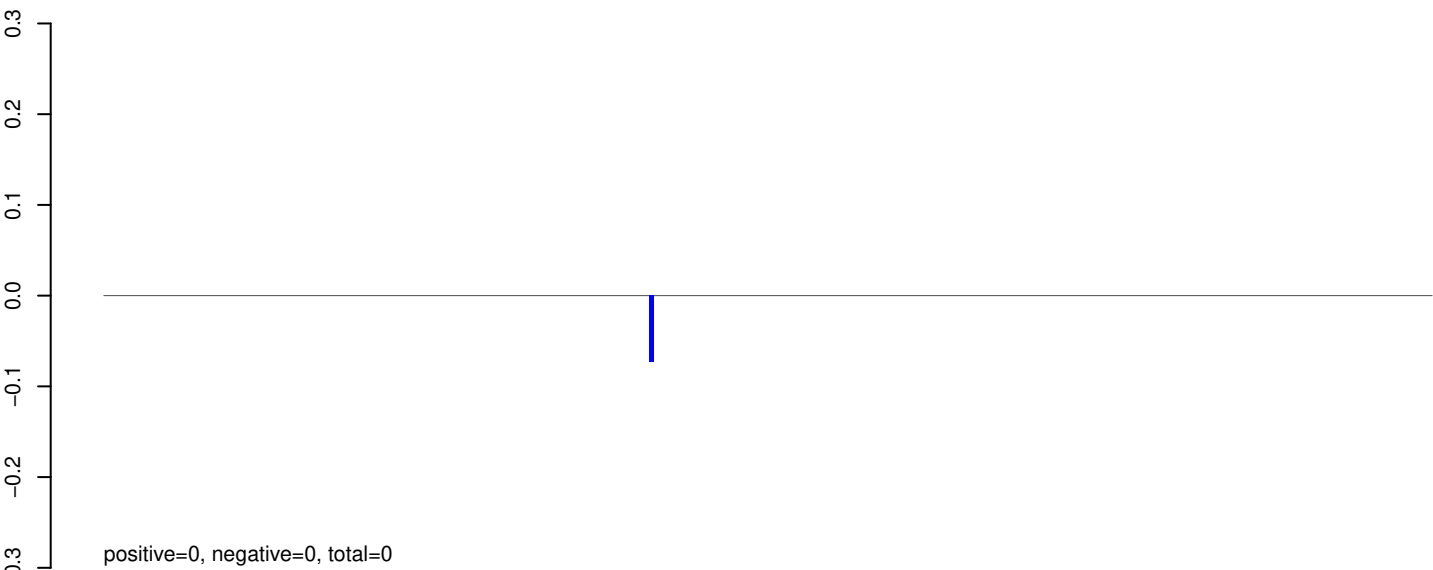
positive=7, negative=1, total=9

Window size=25, length=6790, TE@TF000517-Pao\_Bel\_Ele90:1-6790

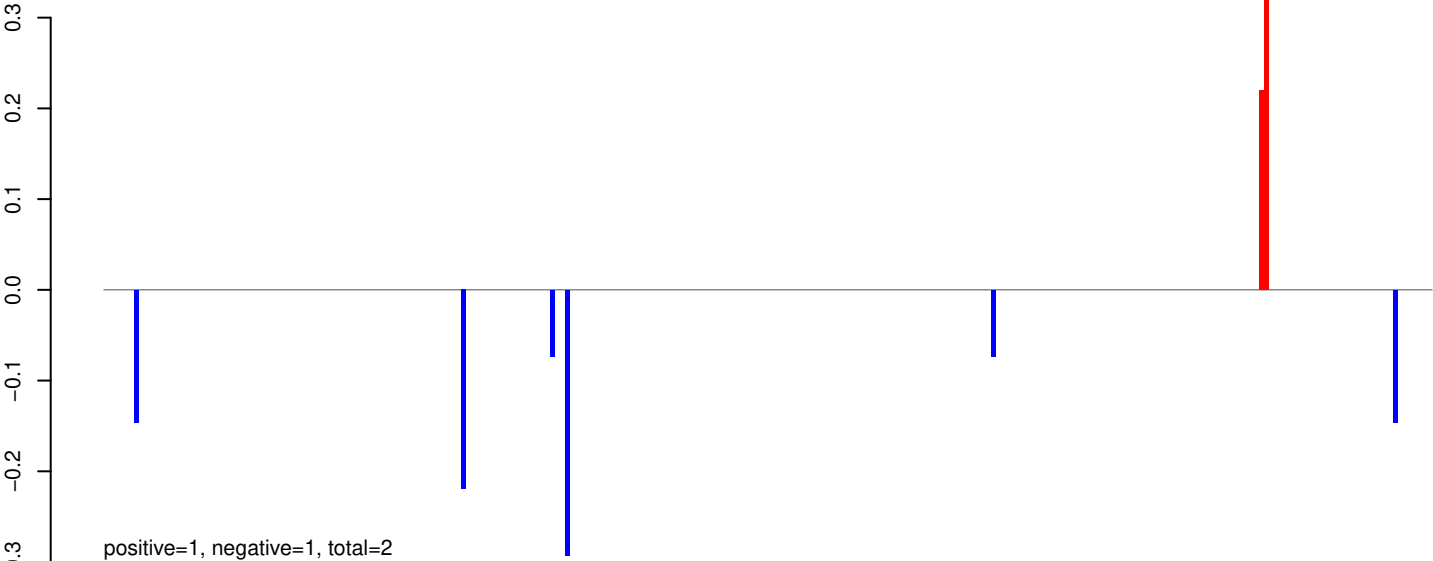
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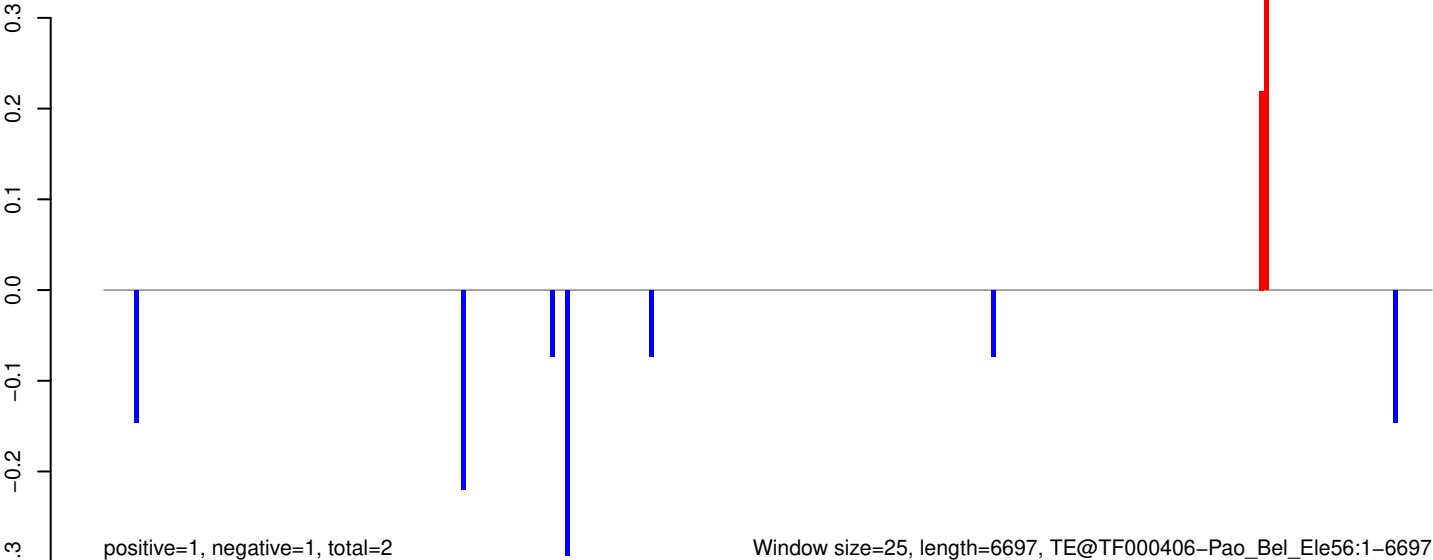
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



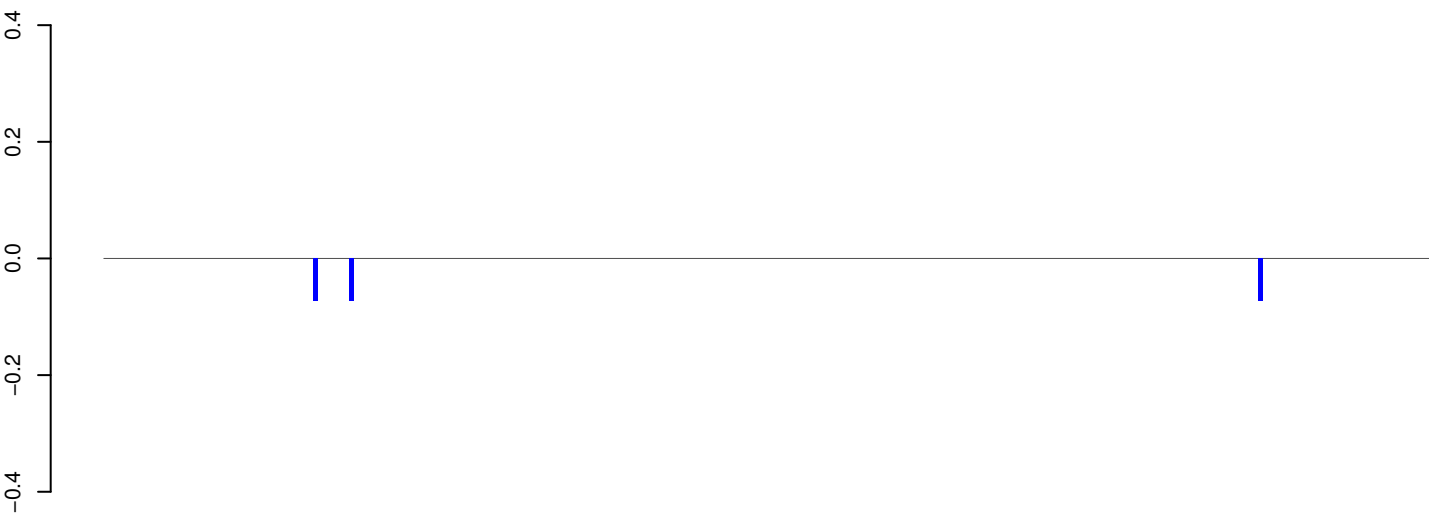
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

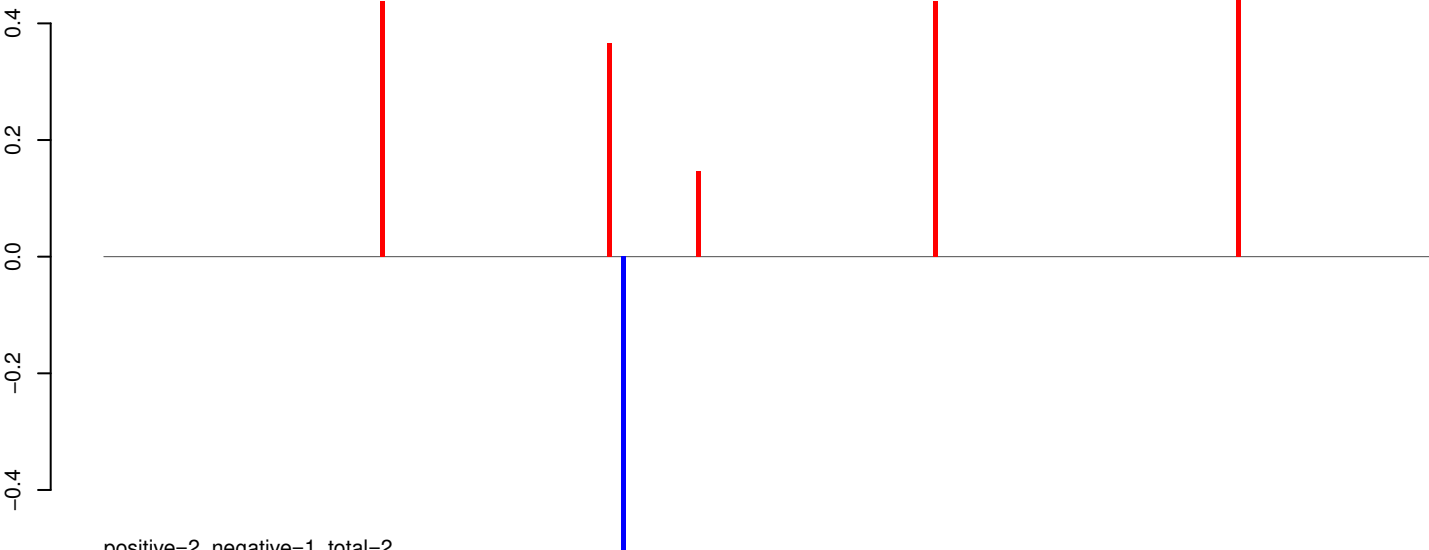


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



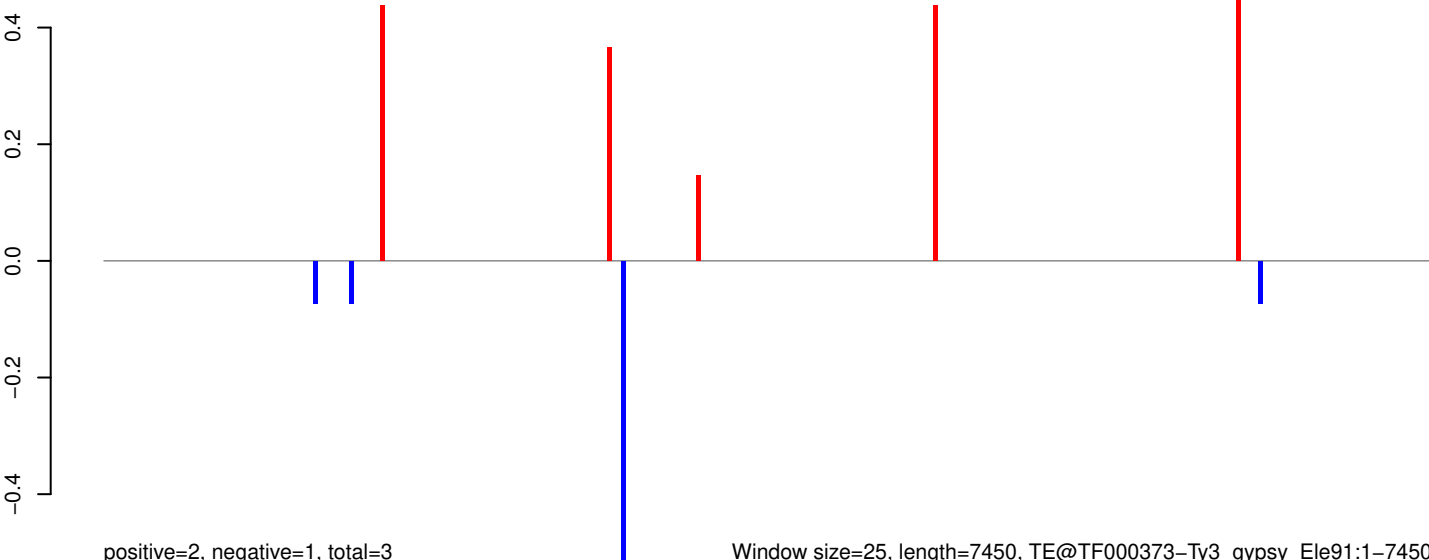
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=2, negative=1, total=2

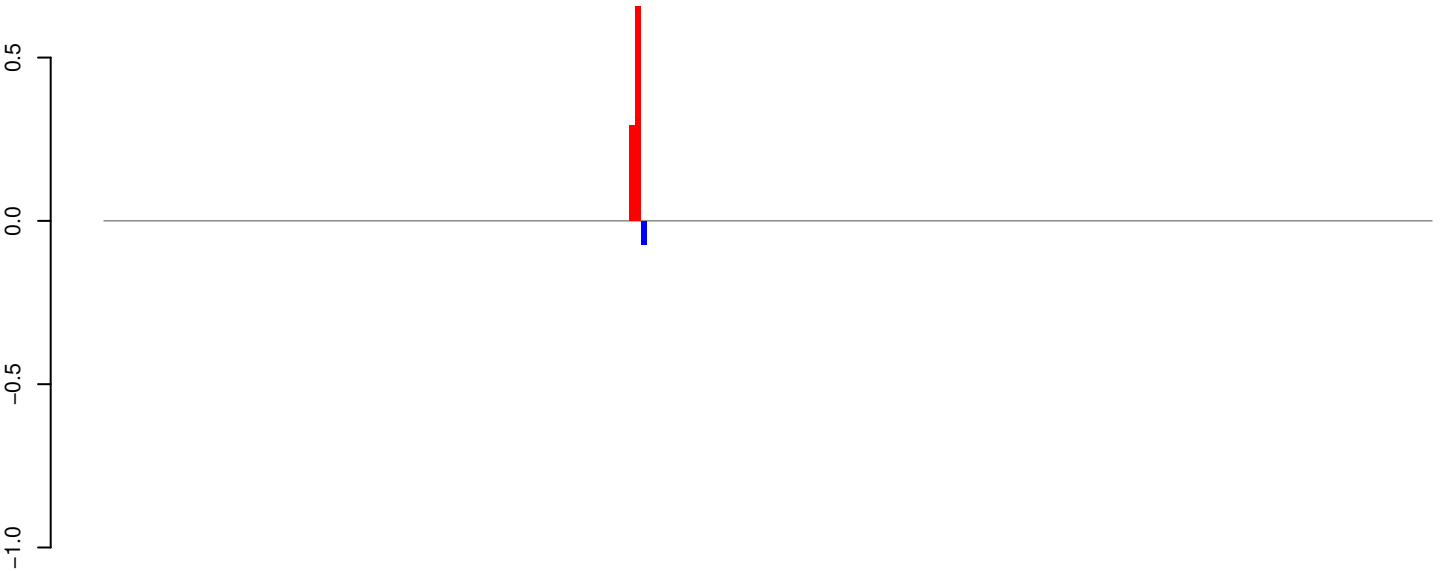
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



positive=2, negative=1, total=3

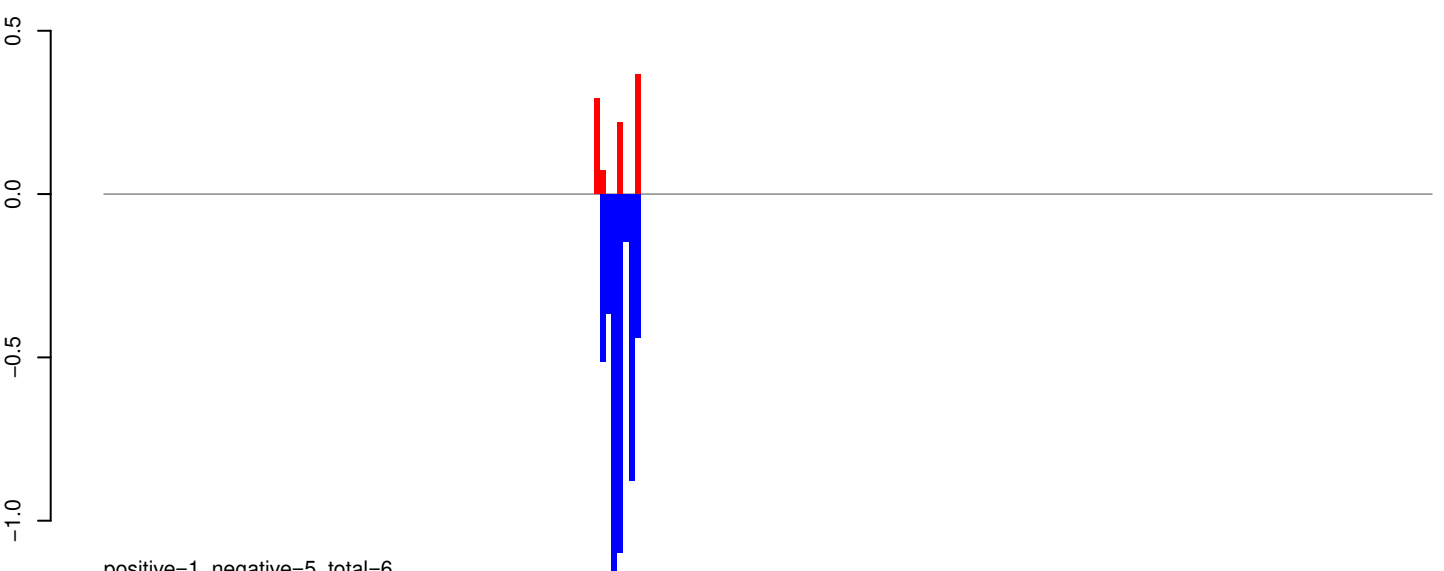
Window size=25, length=7450, TE@TF000373-Ty3\_gypsy\_Ele91:1-7450

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



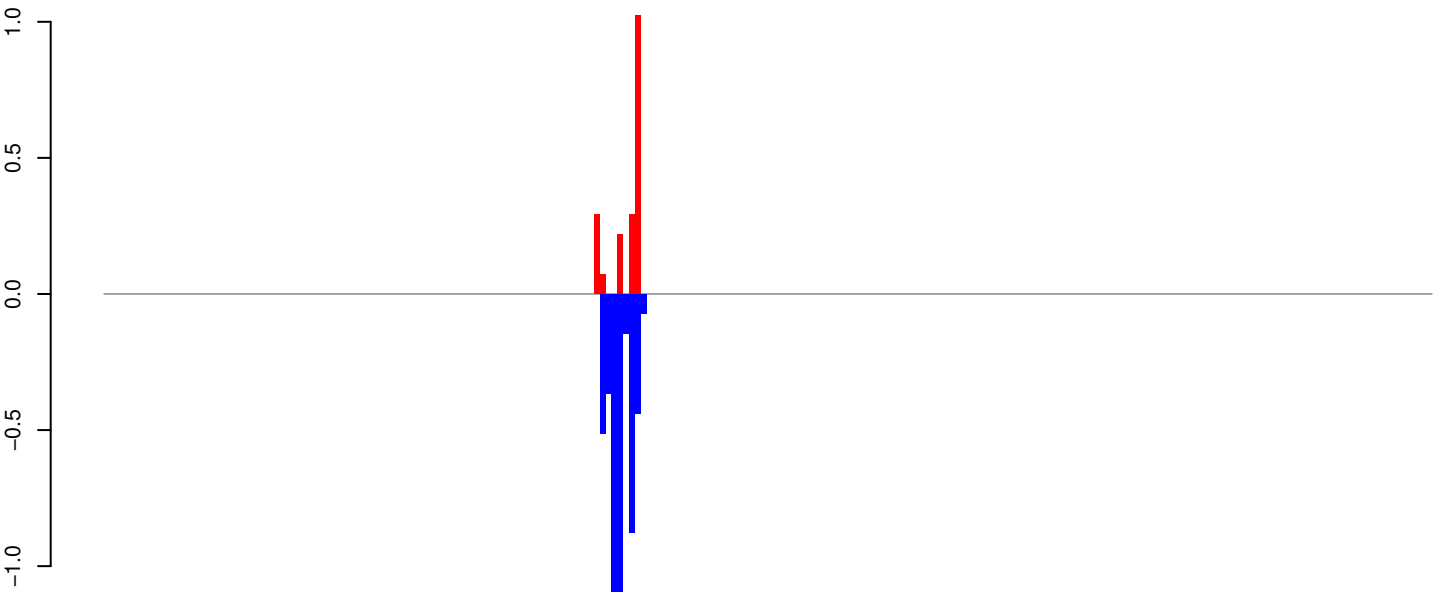
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=5, total=6

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

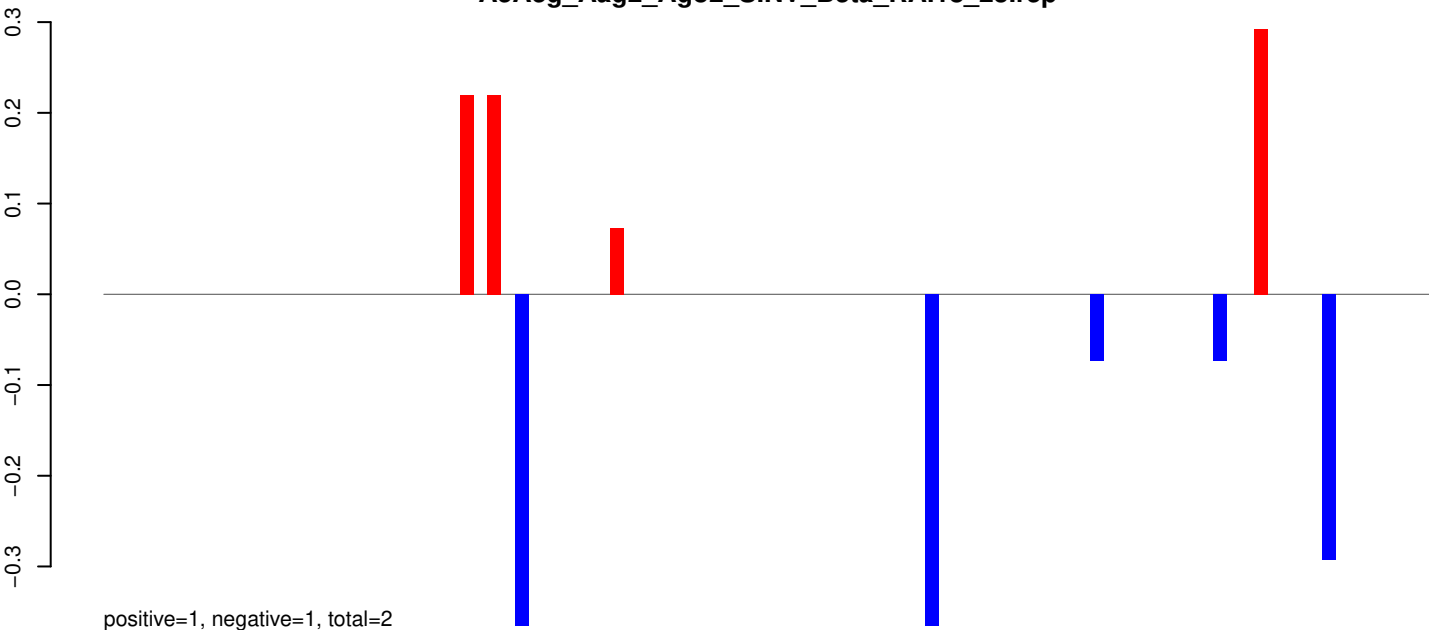


positive=2, negative=5, total=7

Window size=25, length=5624, TE@TF000174-Outcast\_Ele8:1-5624

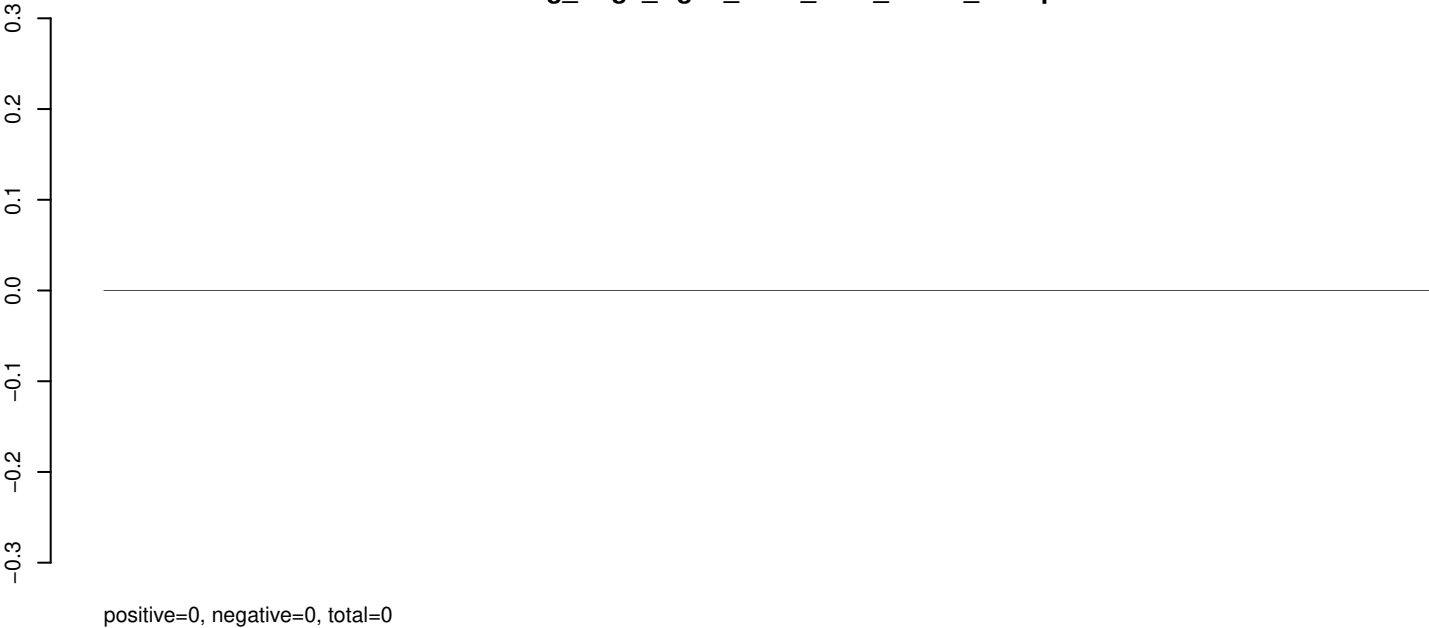
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



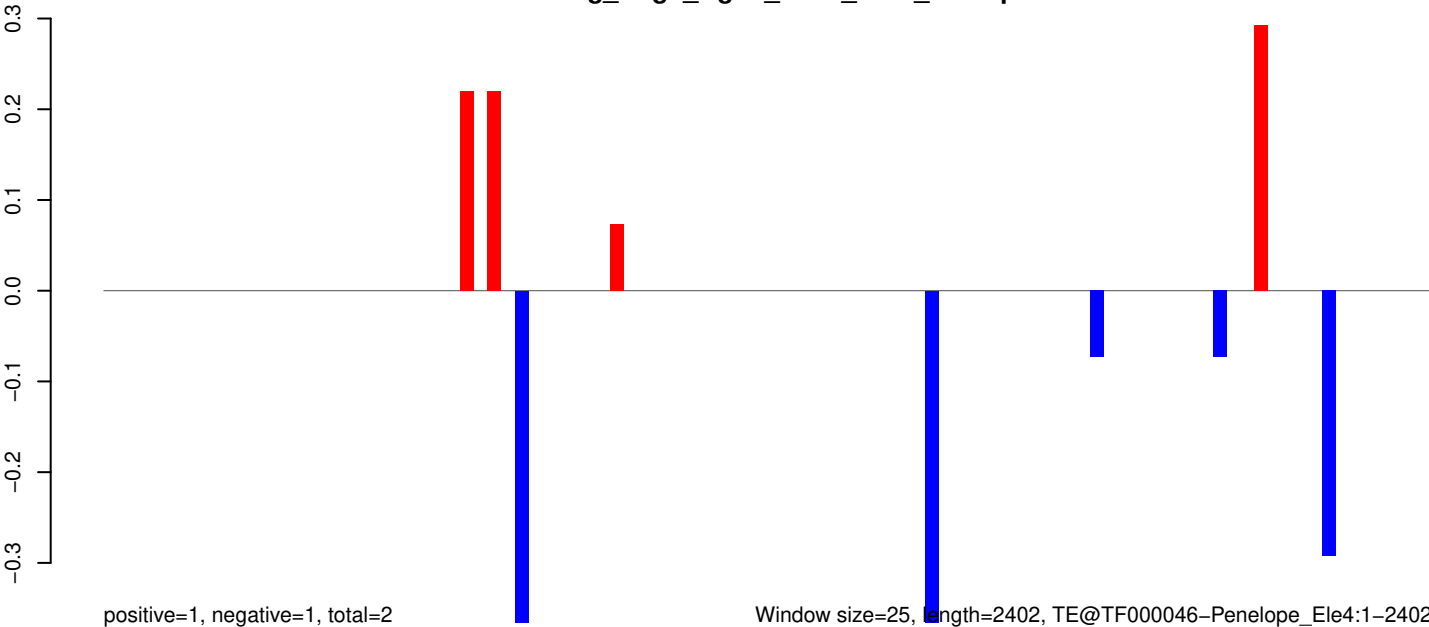
positive=1, negative=1, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

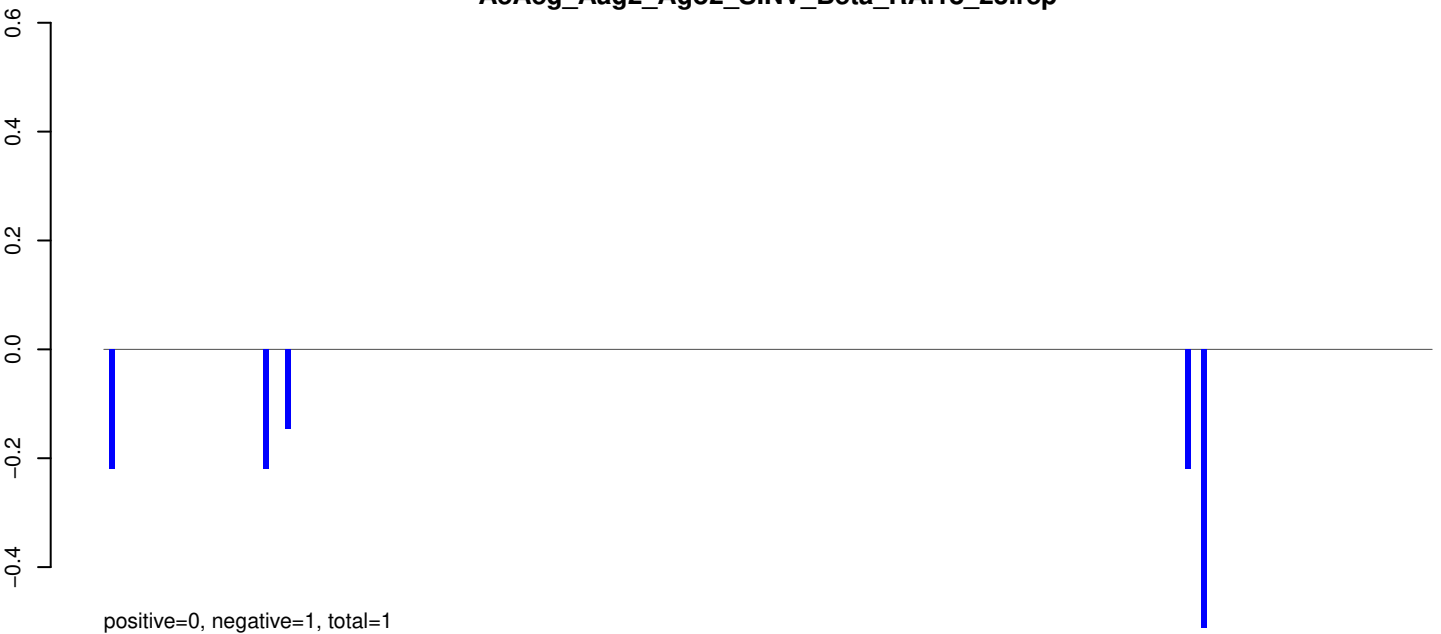
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



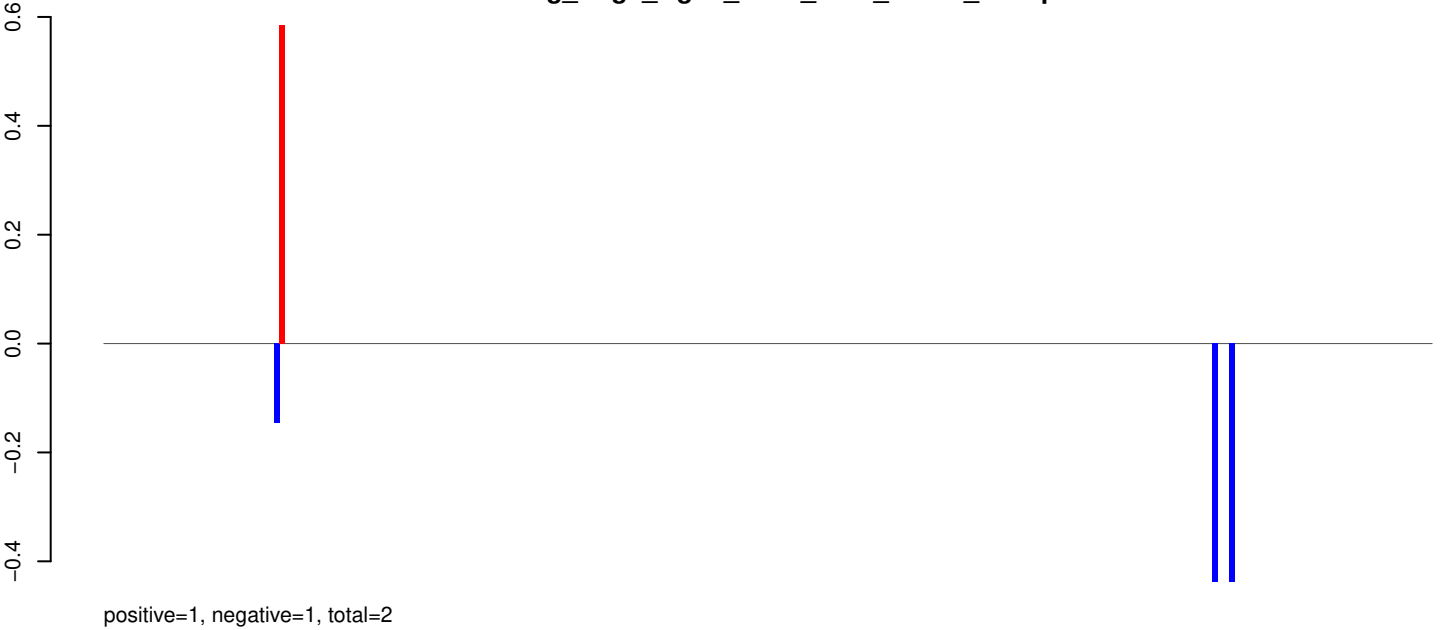
positive=1, negative=1, total=2

Window size=25, length=2402, TE@TF000046-Penelope\_Ele4:1-2402

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



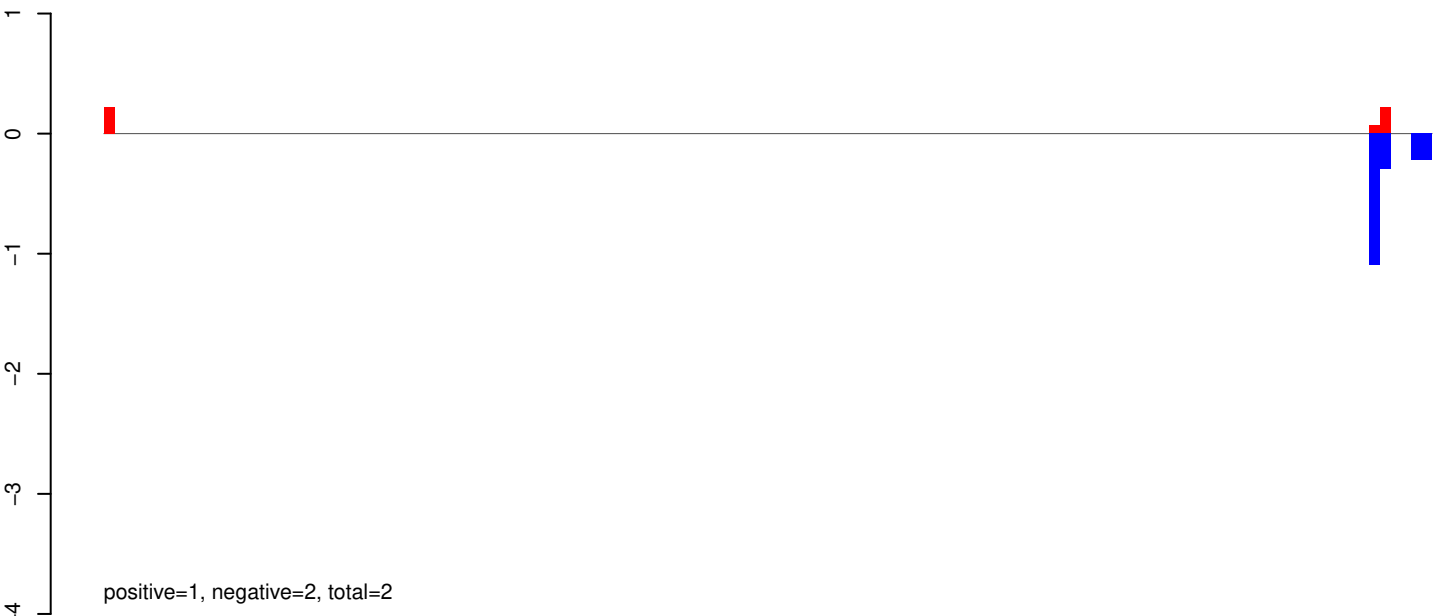
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



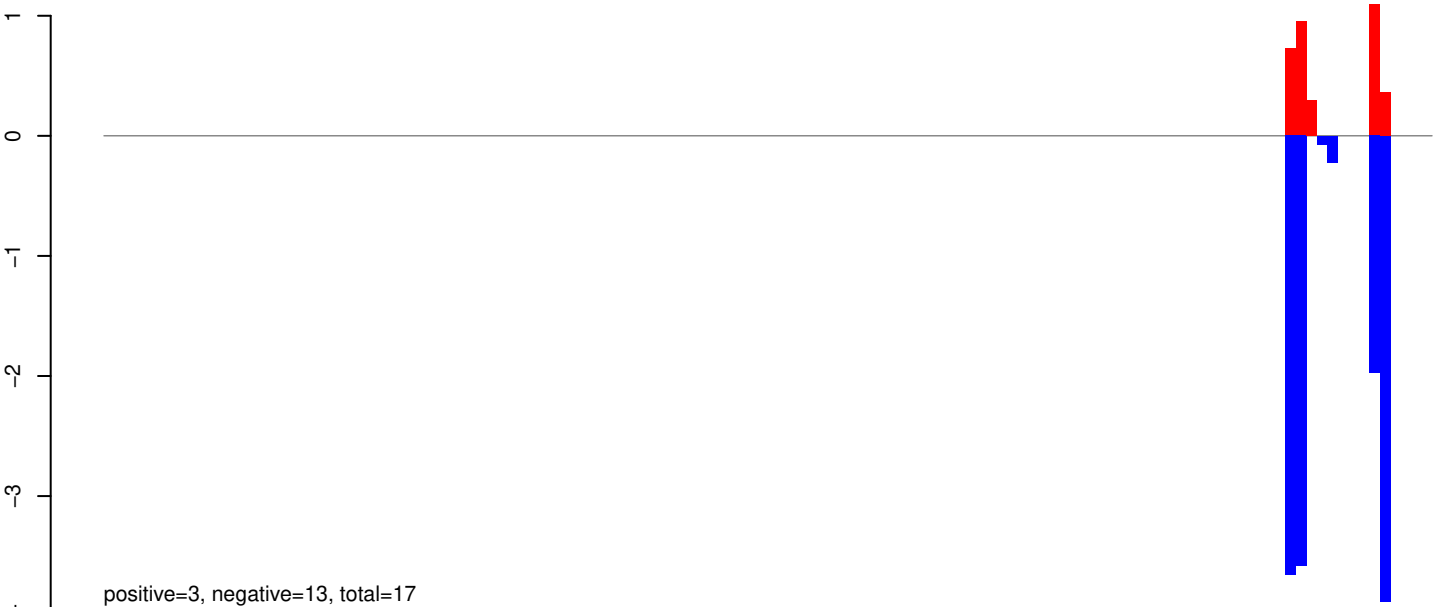
Window size=25, length=6027, TE@Sola3-1\_AA:1-6027

0 1000 2000 3000 4000 5000 6000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



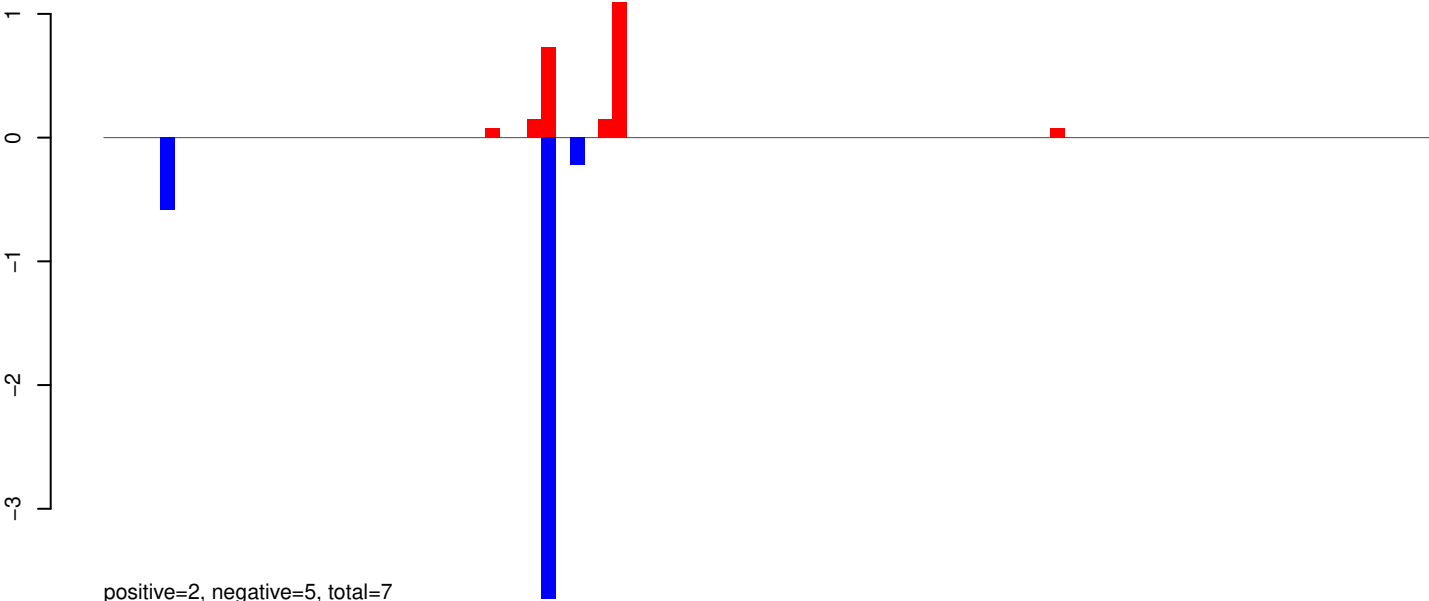
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



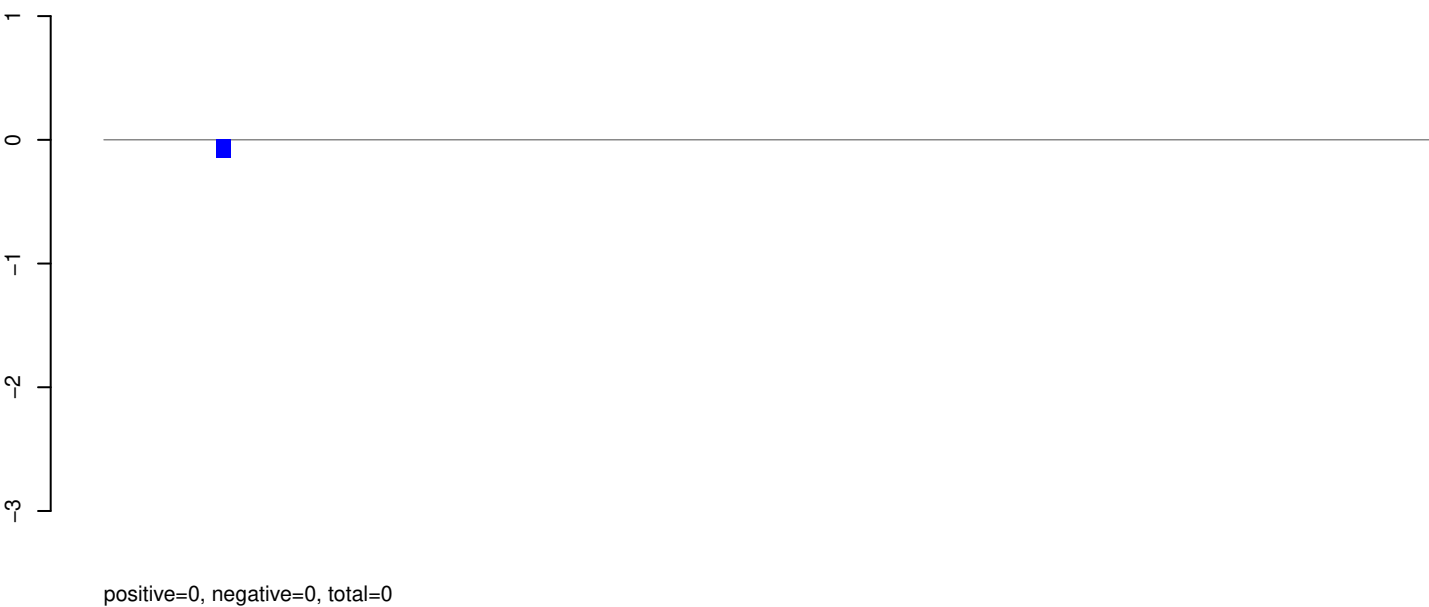
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



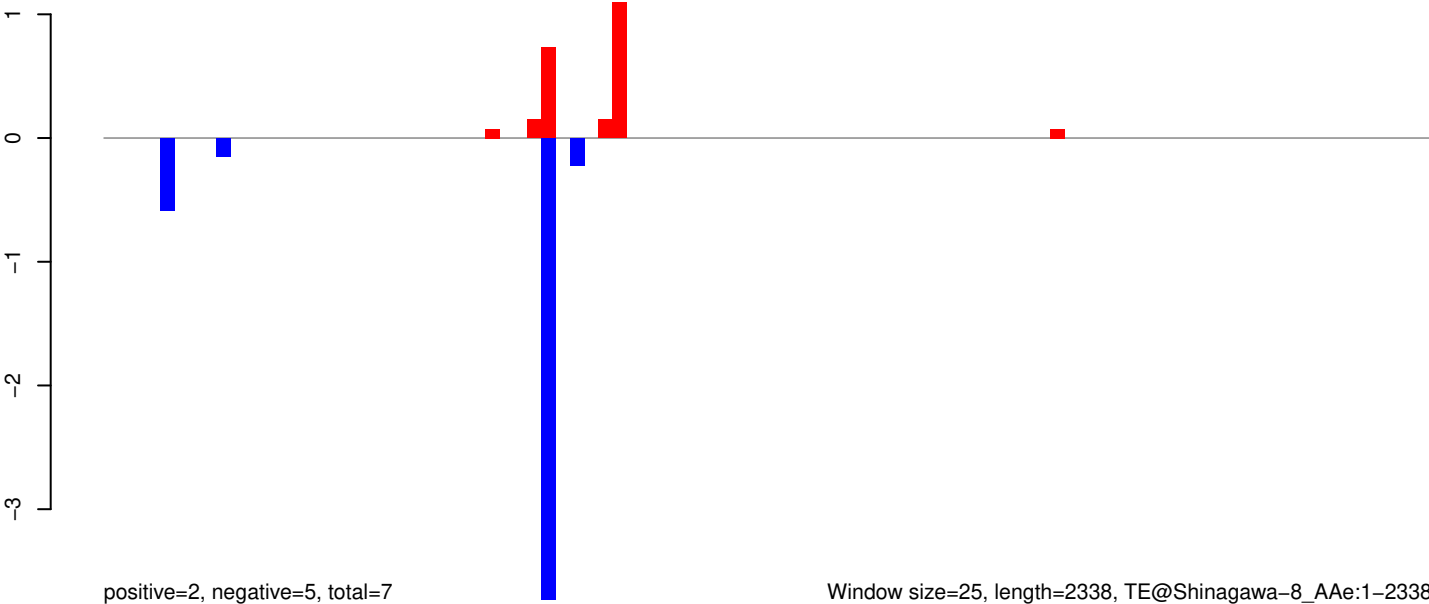
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



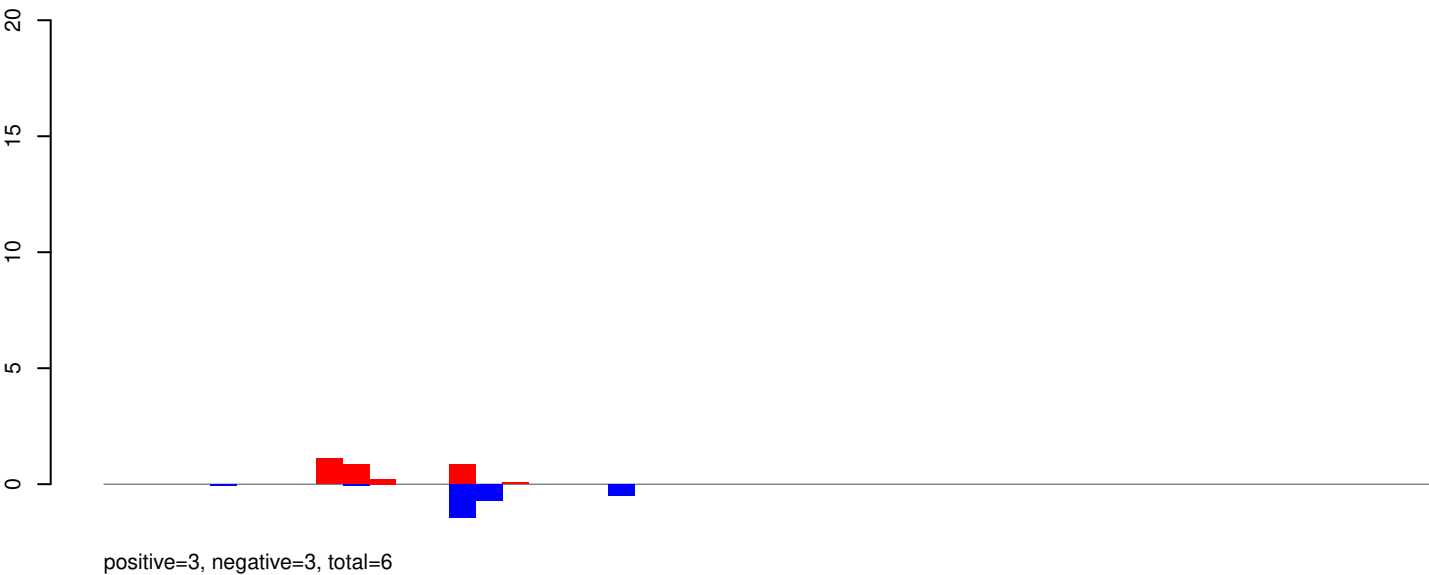
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



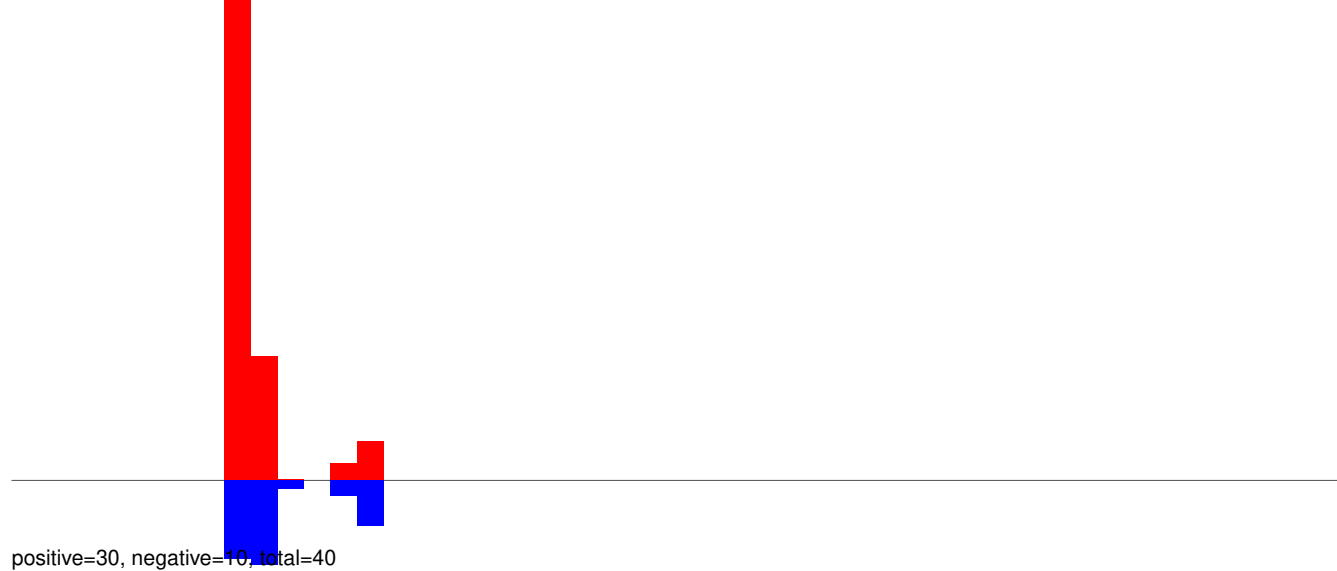
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



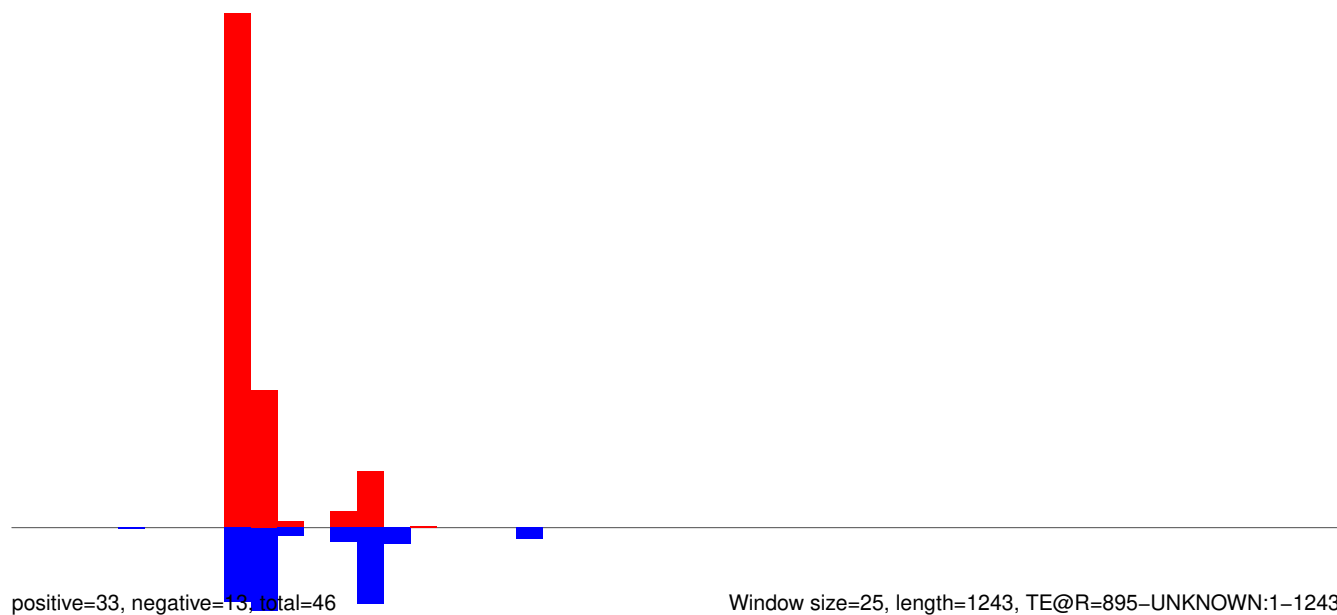
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

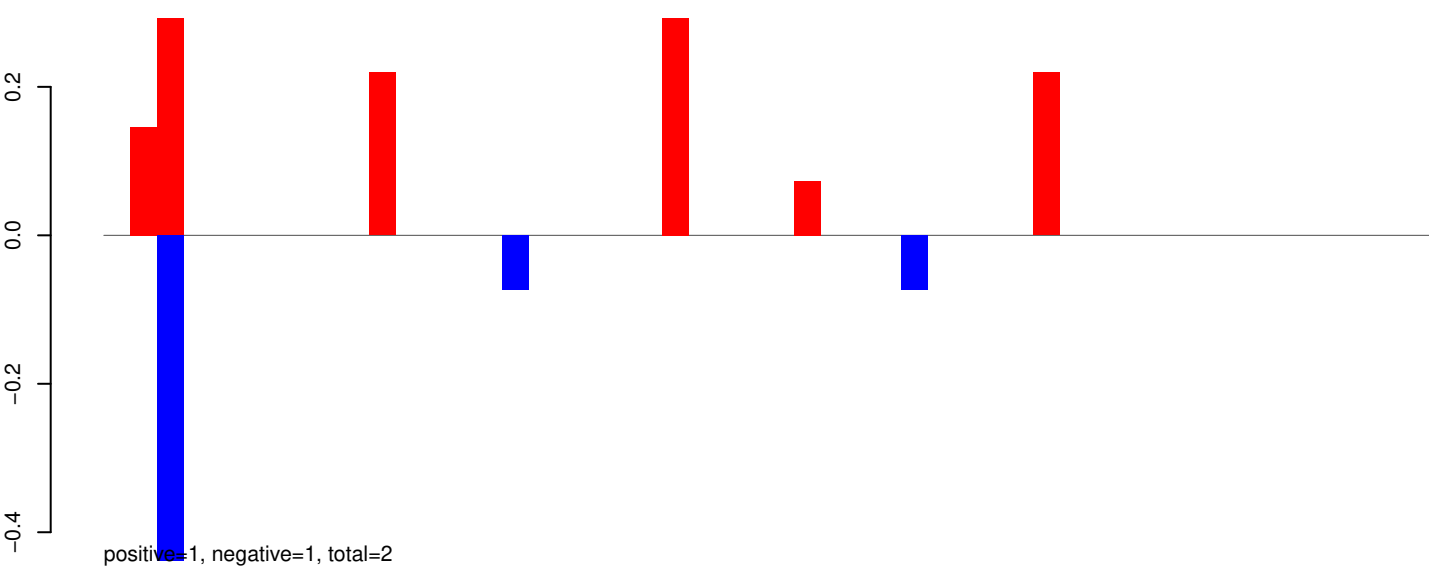


Window size=25, length=1243, TE@R=895-UNKNOWN:1-1243

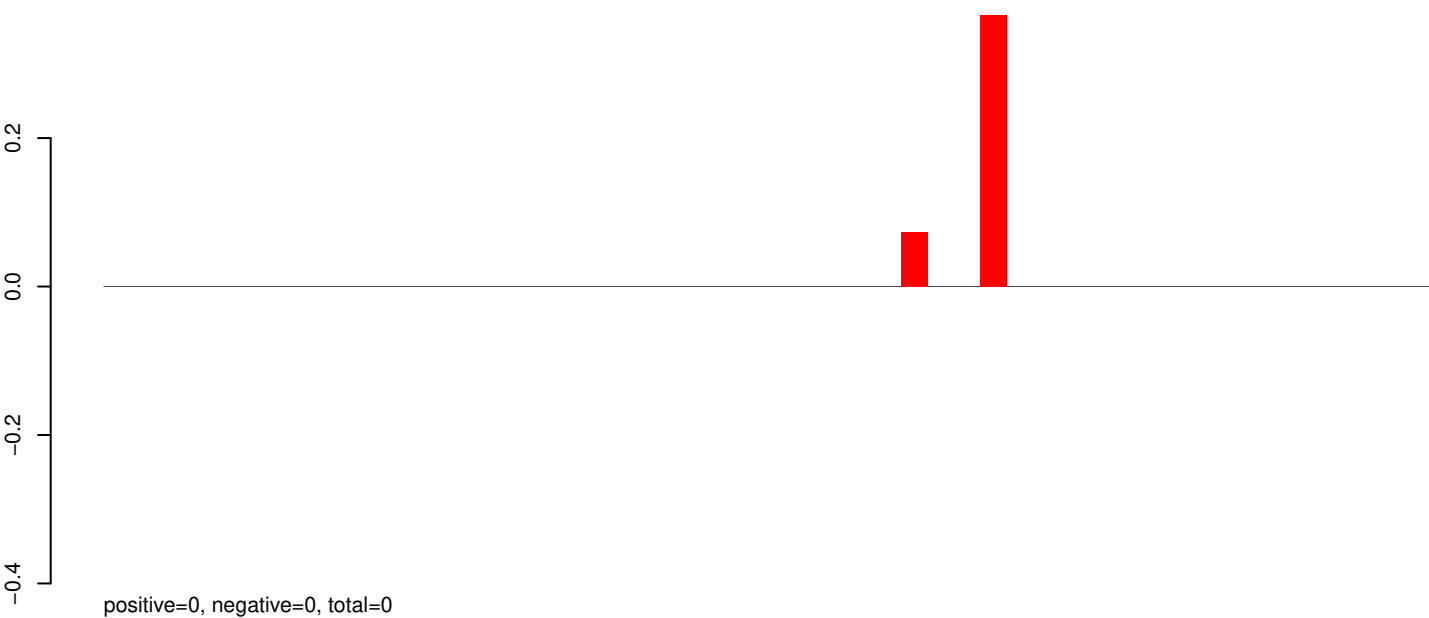
0 200 400 600 800 1000 1200



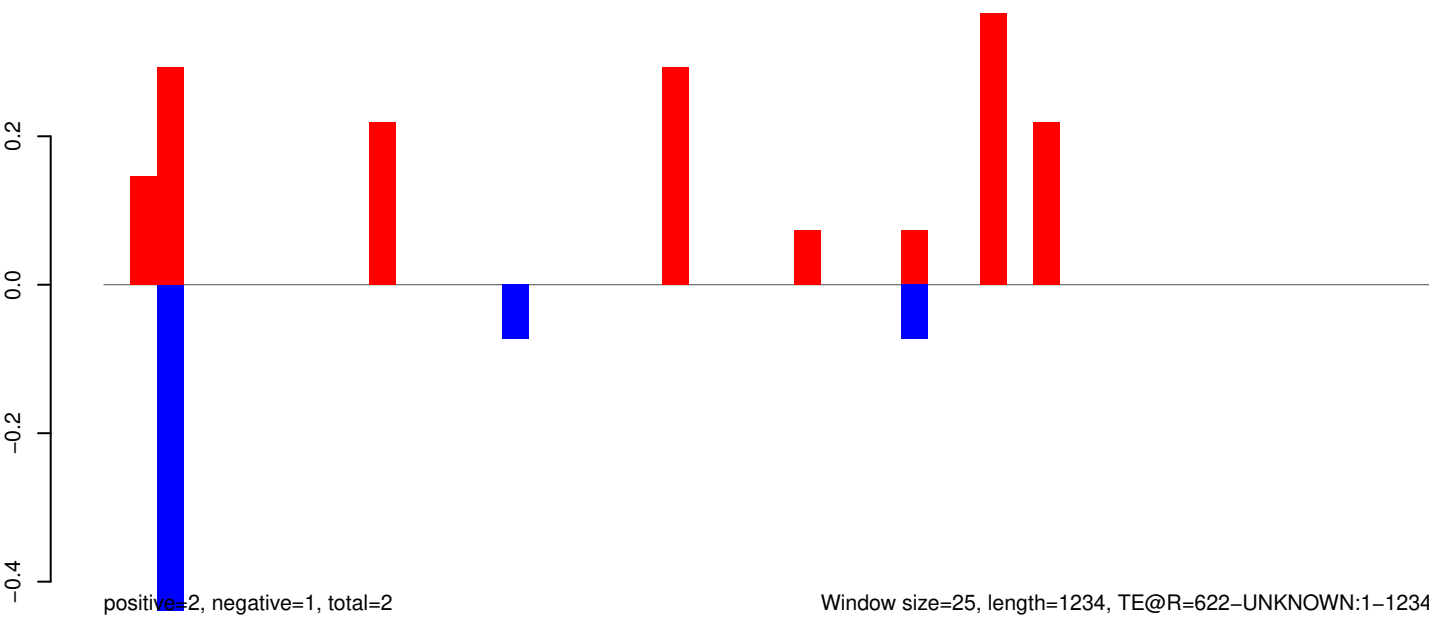
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



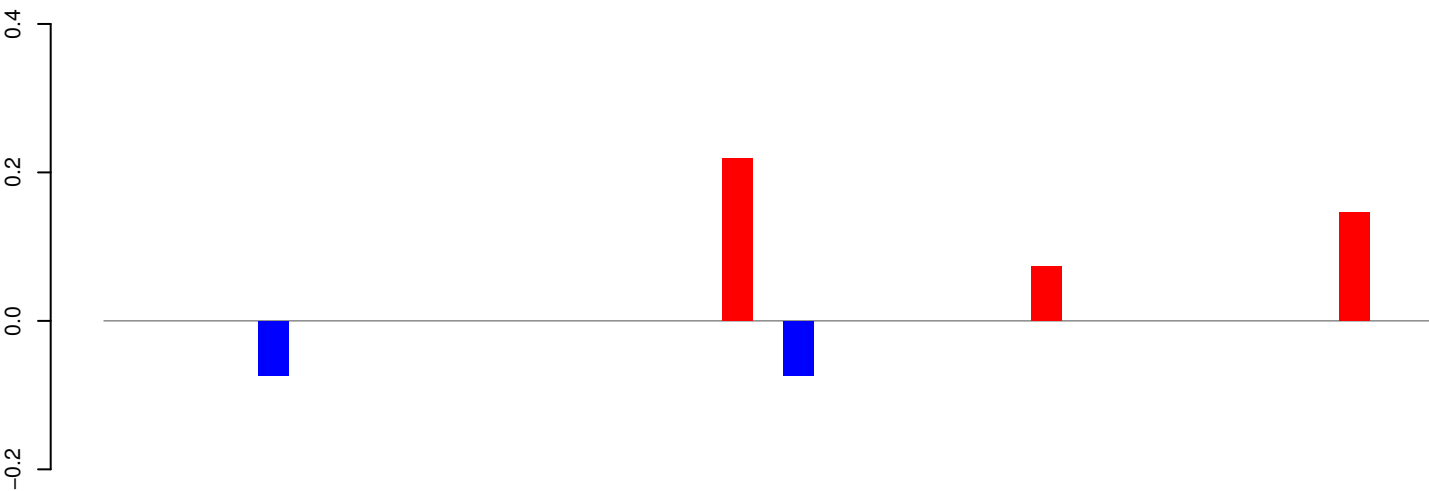
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

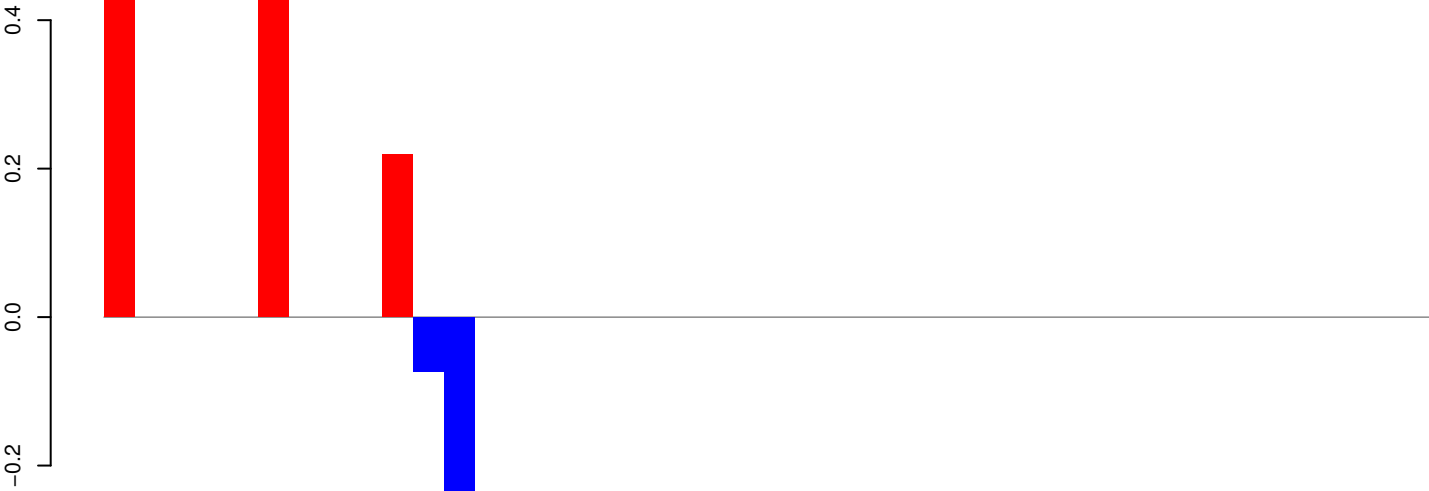


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



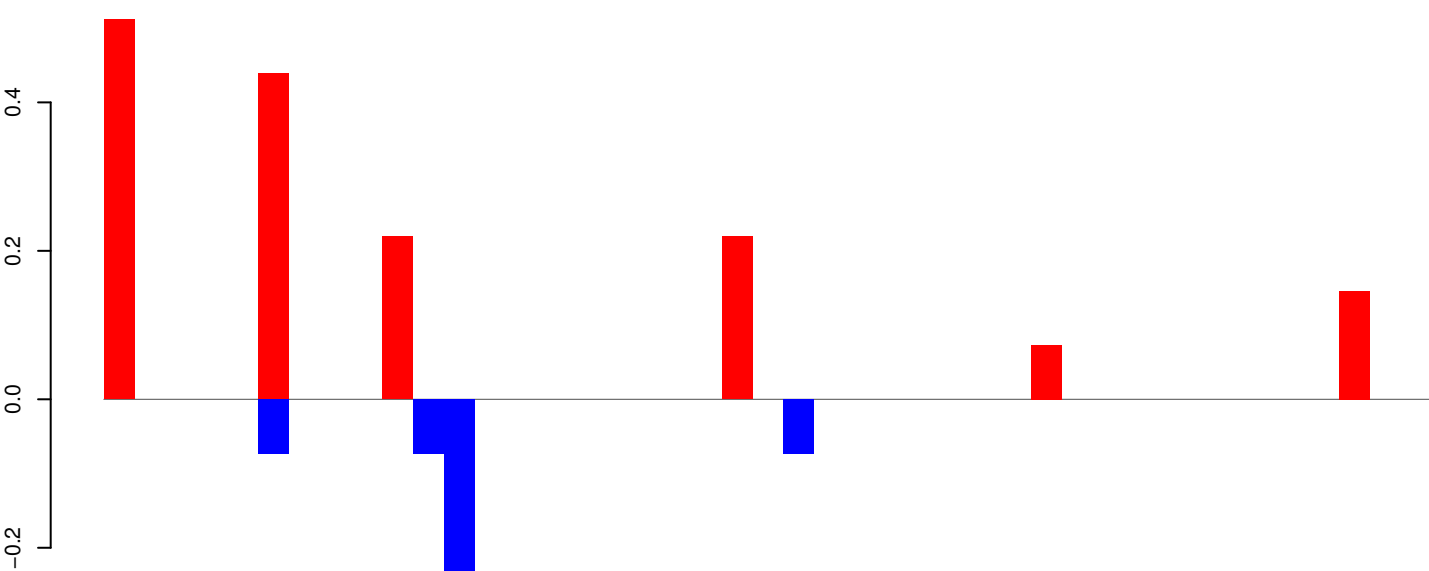
positive=0, negative=0, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=0, total=2

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

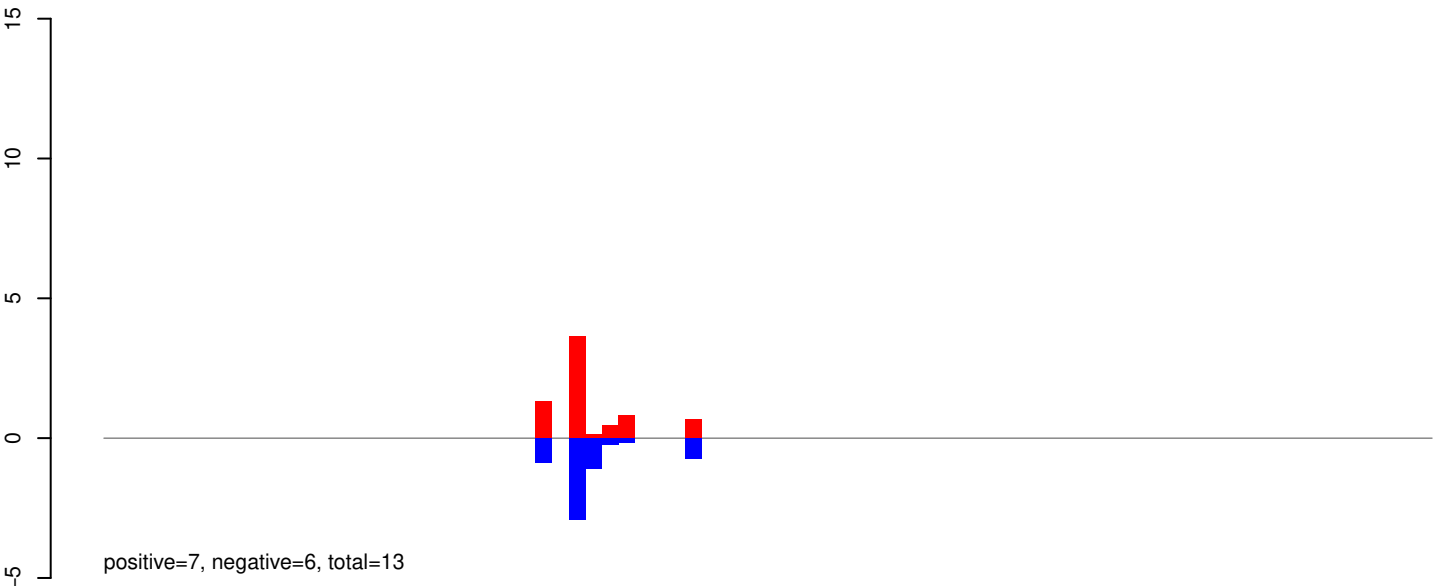


positive=2, negative=1, total=2

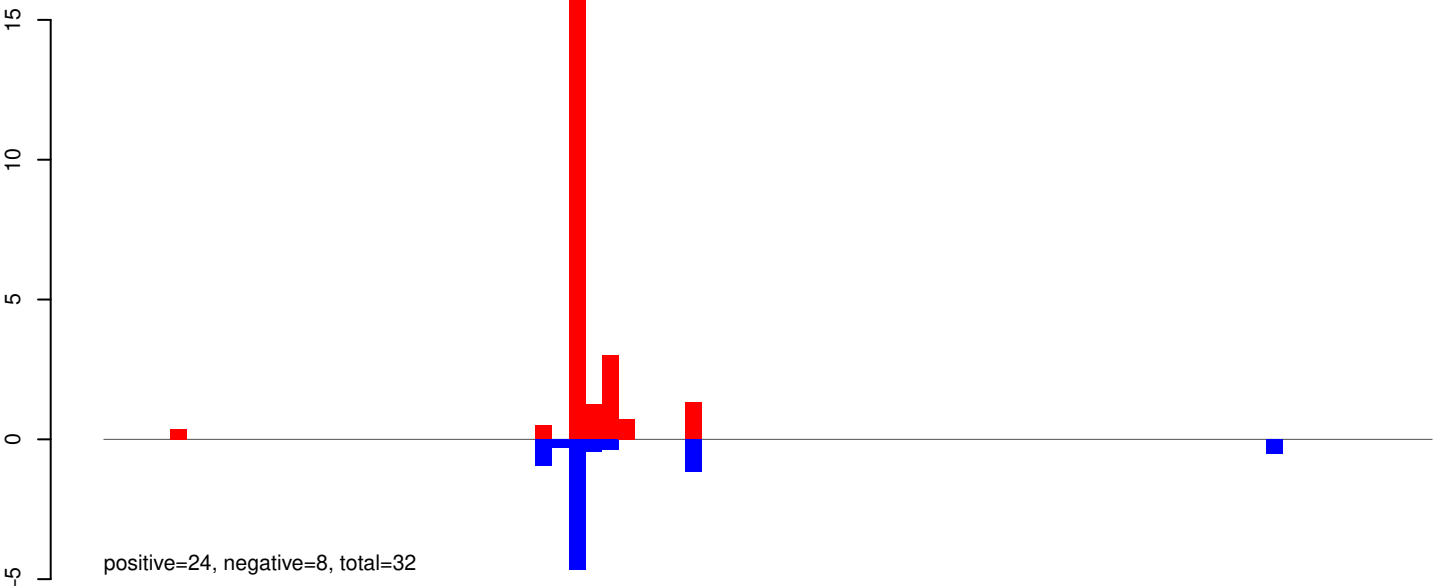
Window size=25, length=1057, TE@R=568-UNKNOWN:1-1057

0 200 400 600 800 1000

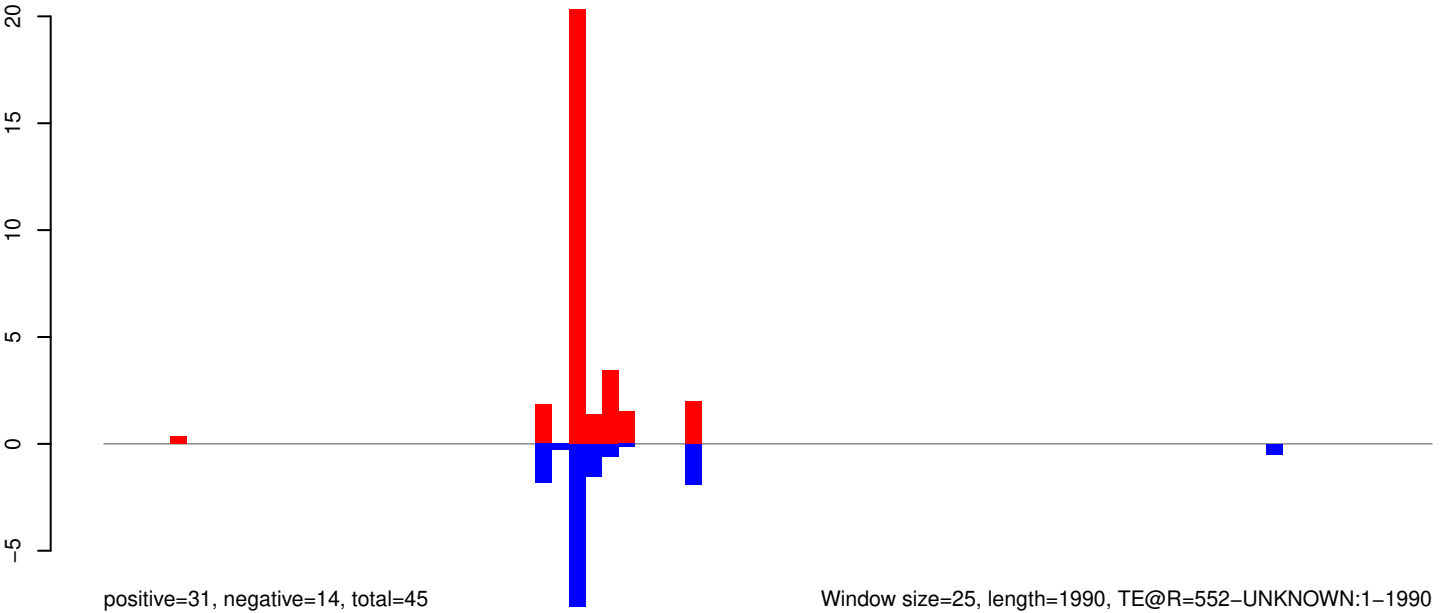
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

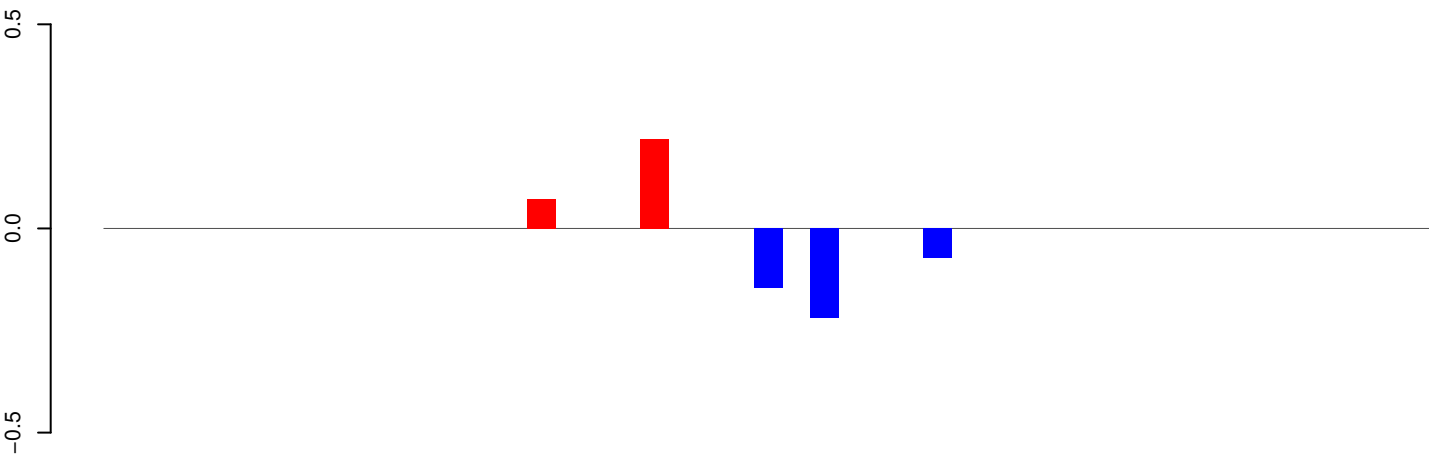


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



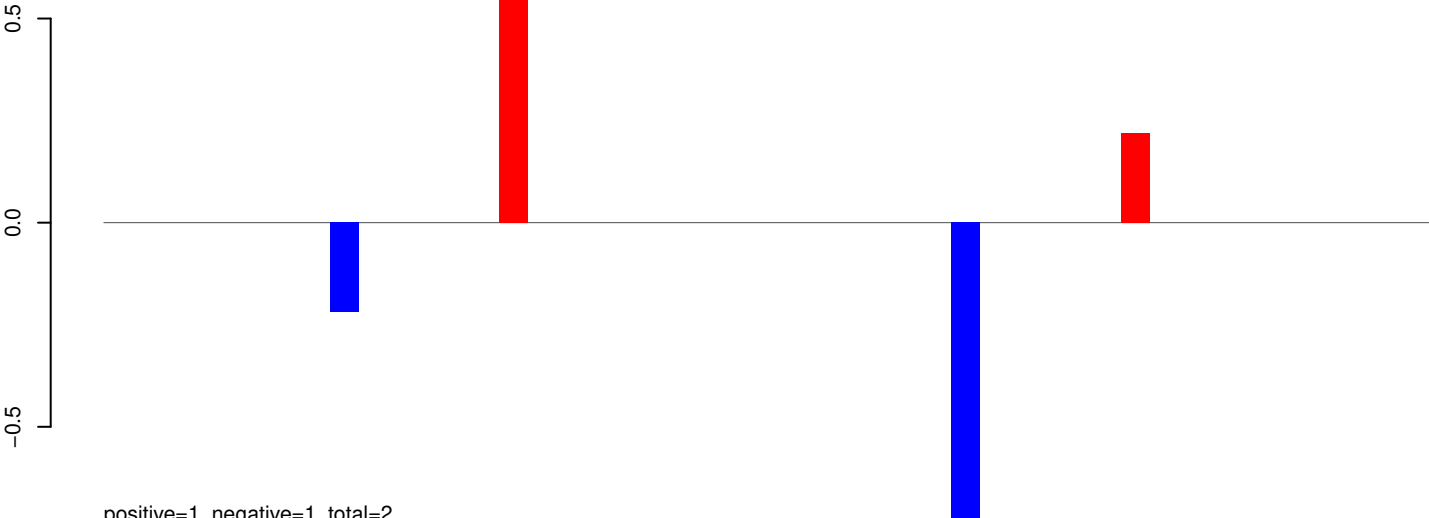
Window size=25, length=1990, TE@R=552-UNKNOWN:1-1990

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



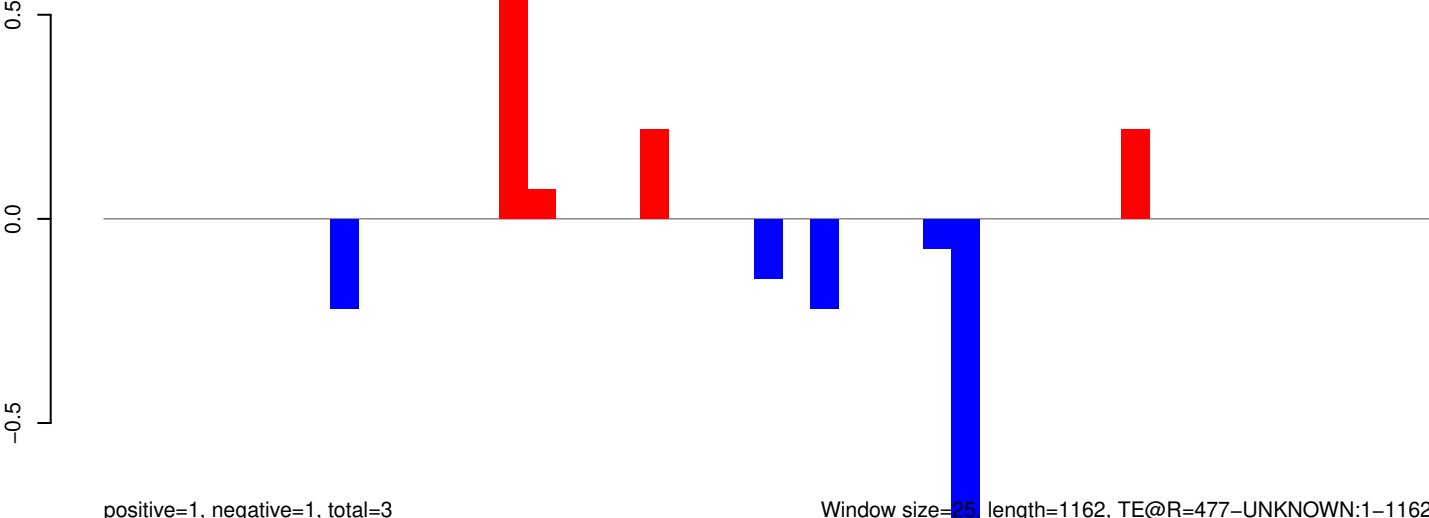
positive=0, negative=0, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=1, total=2

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

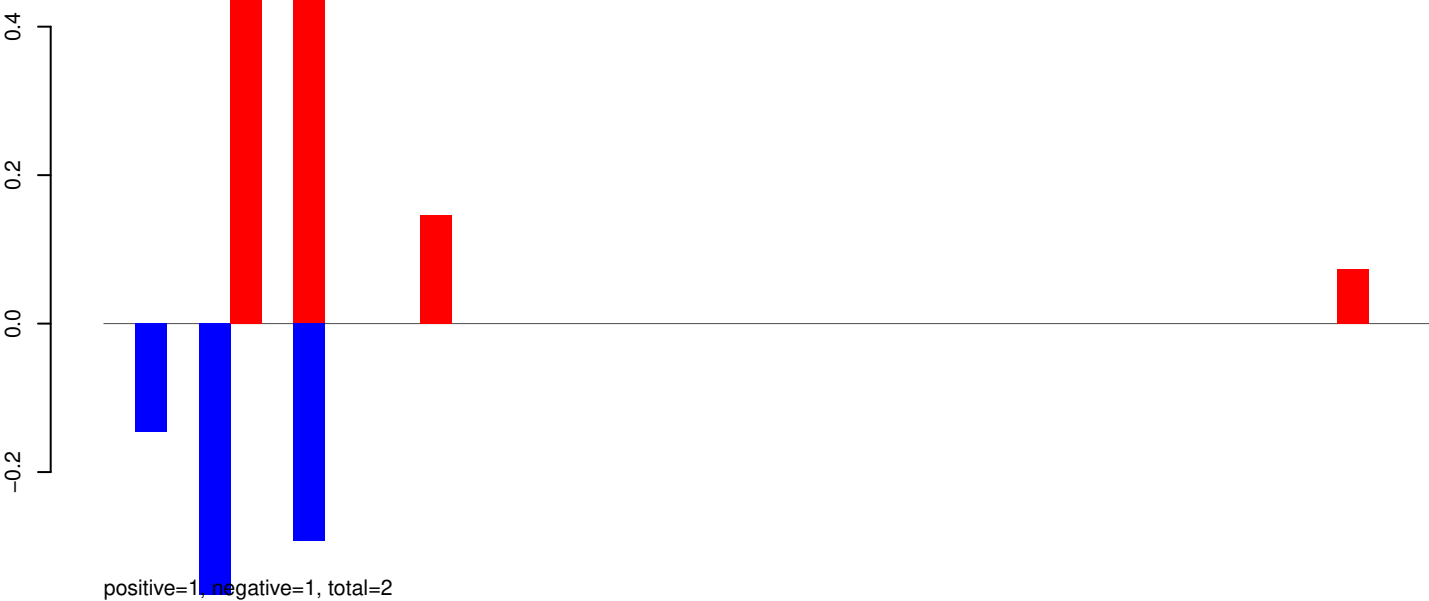


positive=1, negative=1, total=3

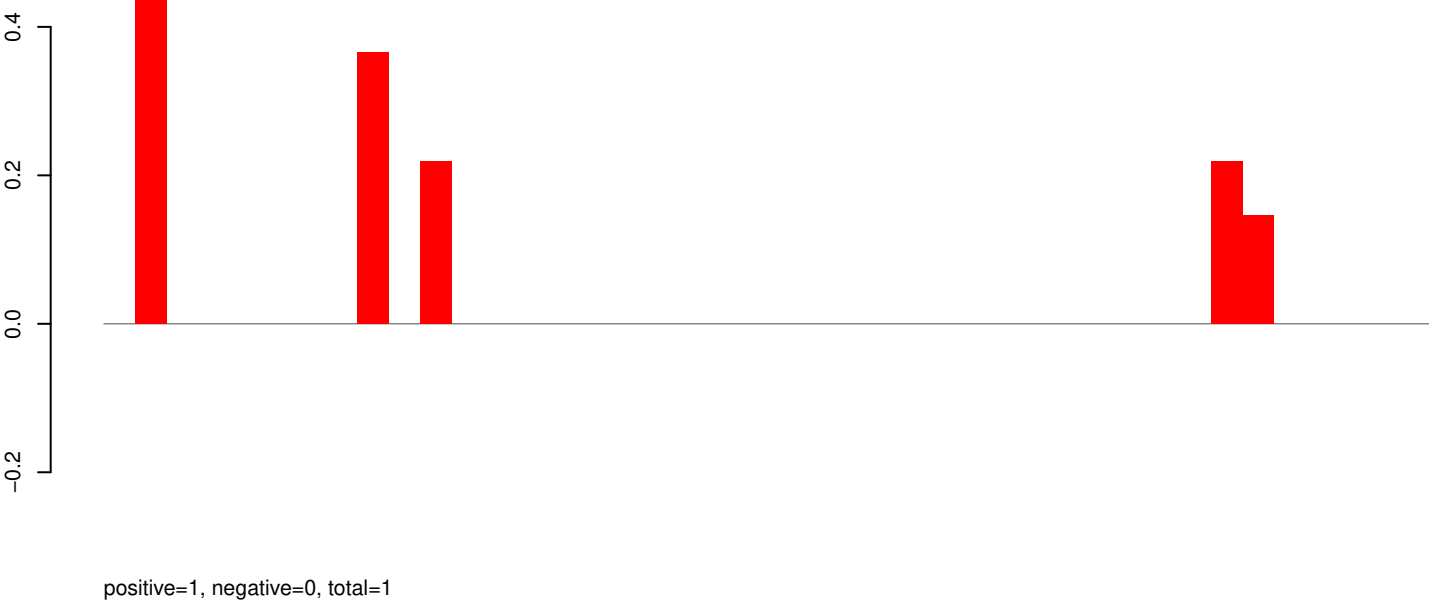
Window size=25, length=1162, TE@R=477-UNKNOWN:1-1162

0 200 400 600 800 1000 1200

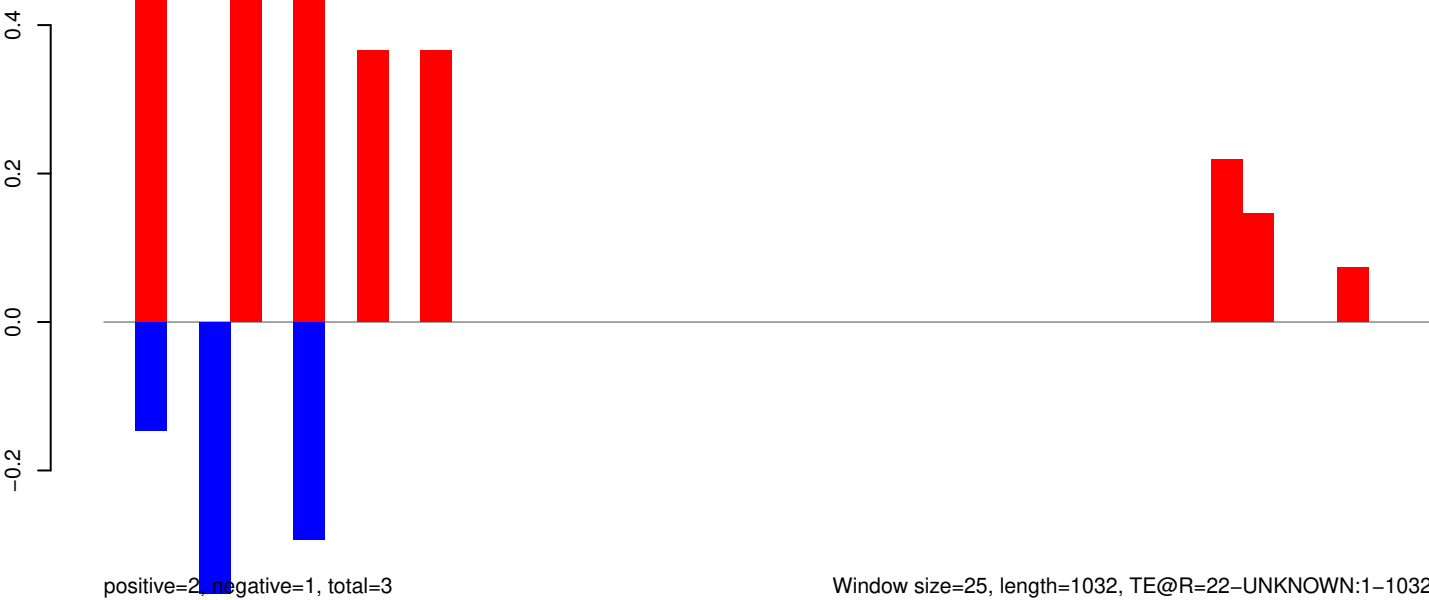
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



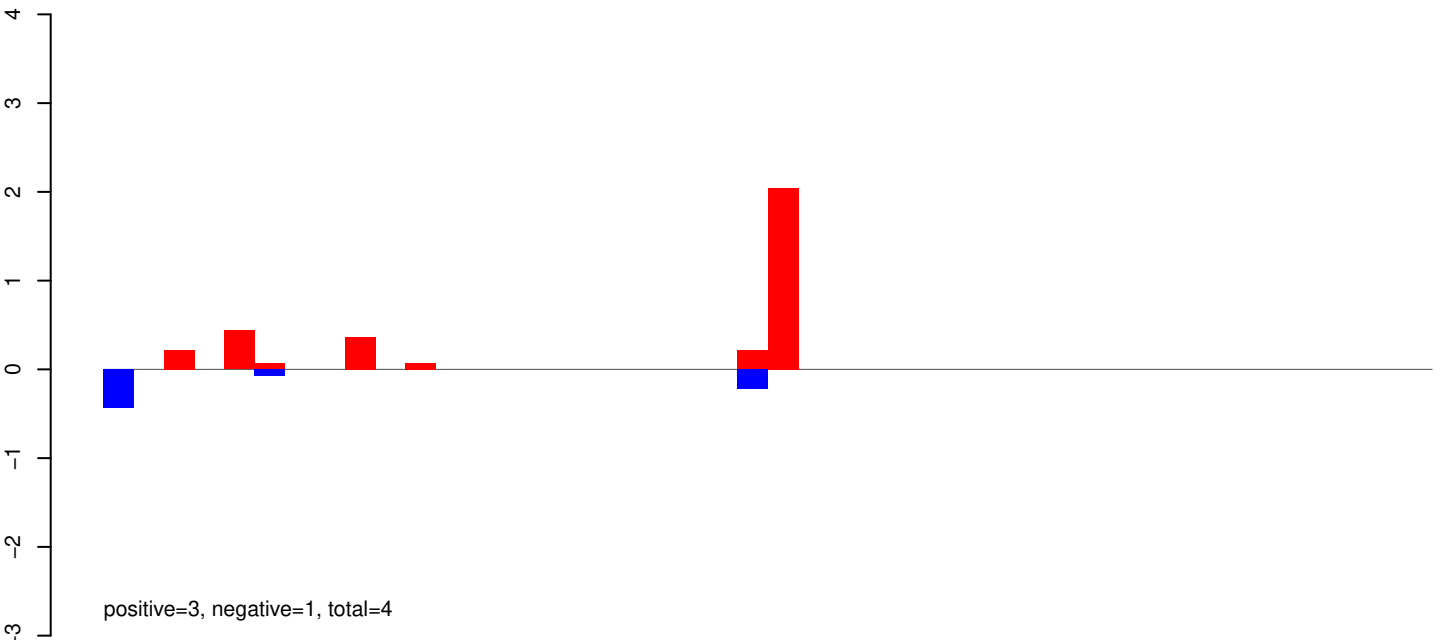
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



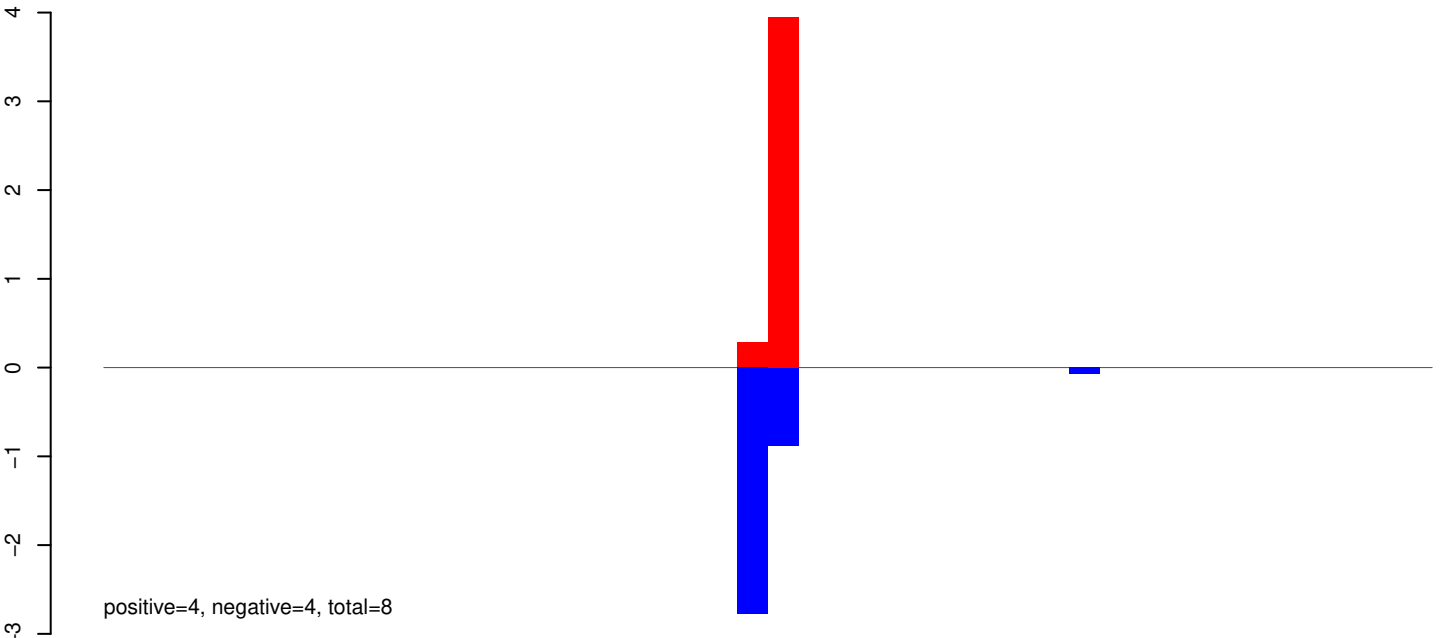
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



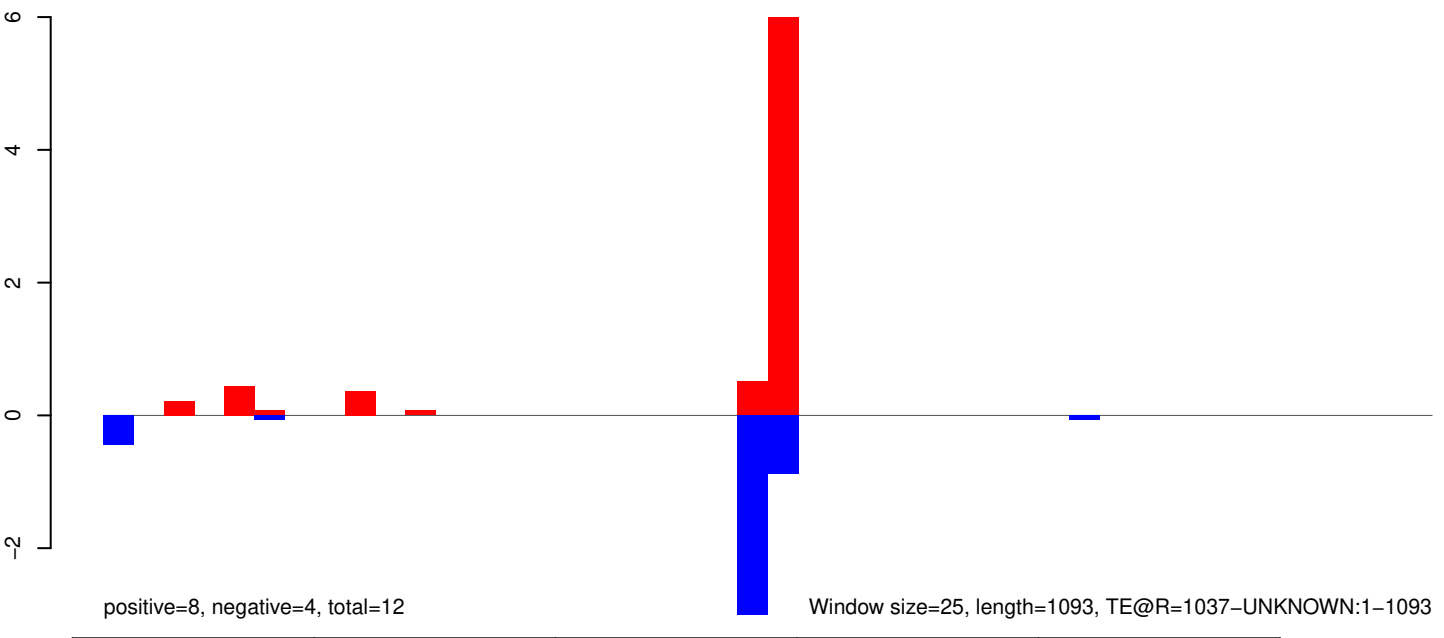
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



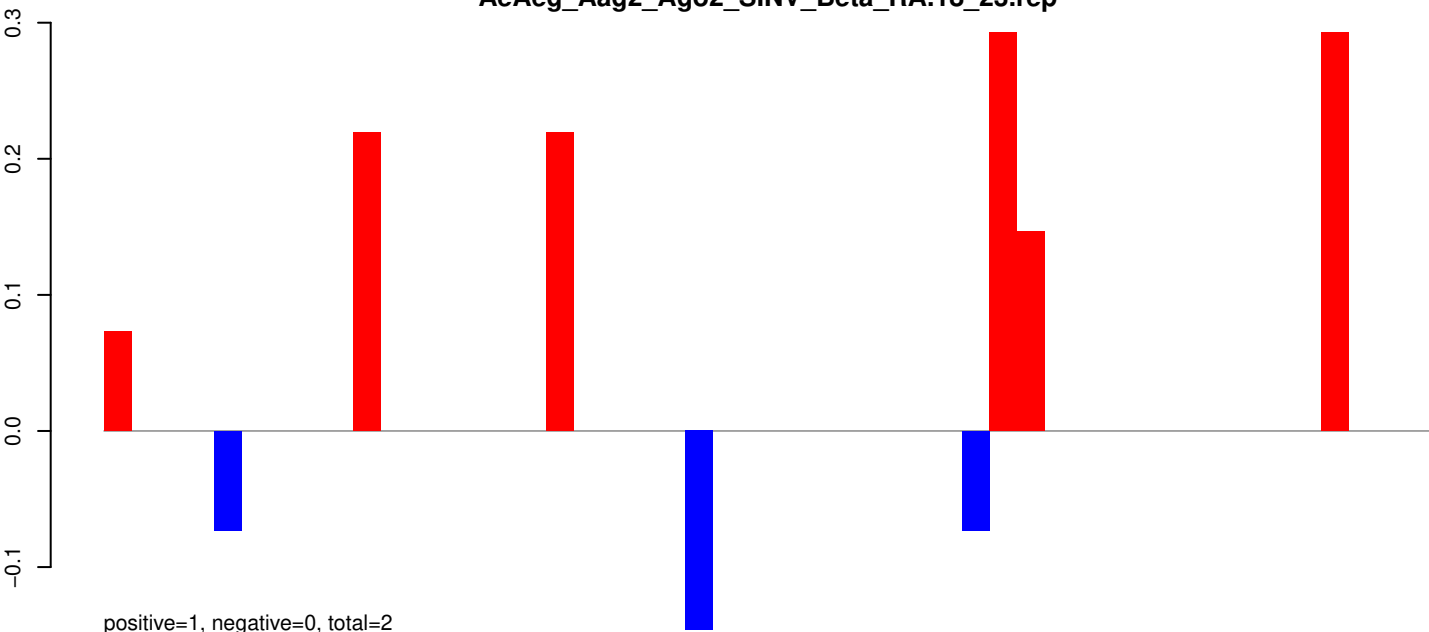
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



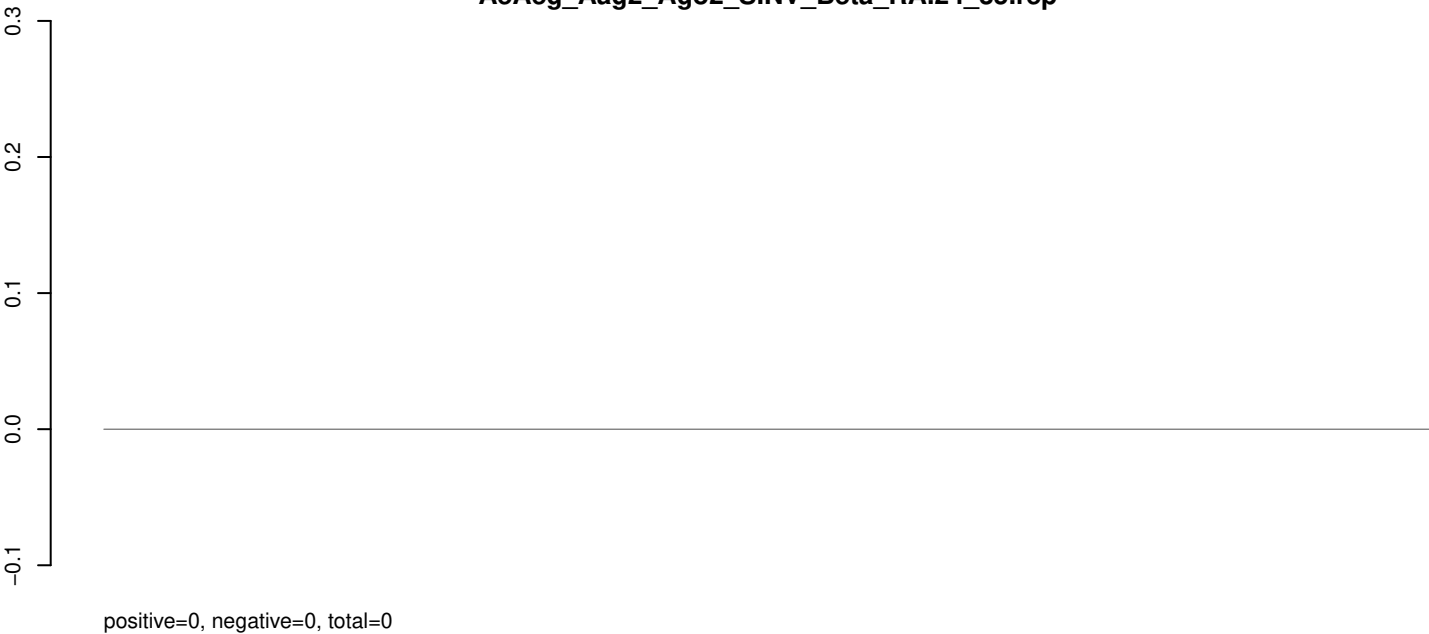
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



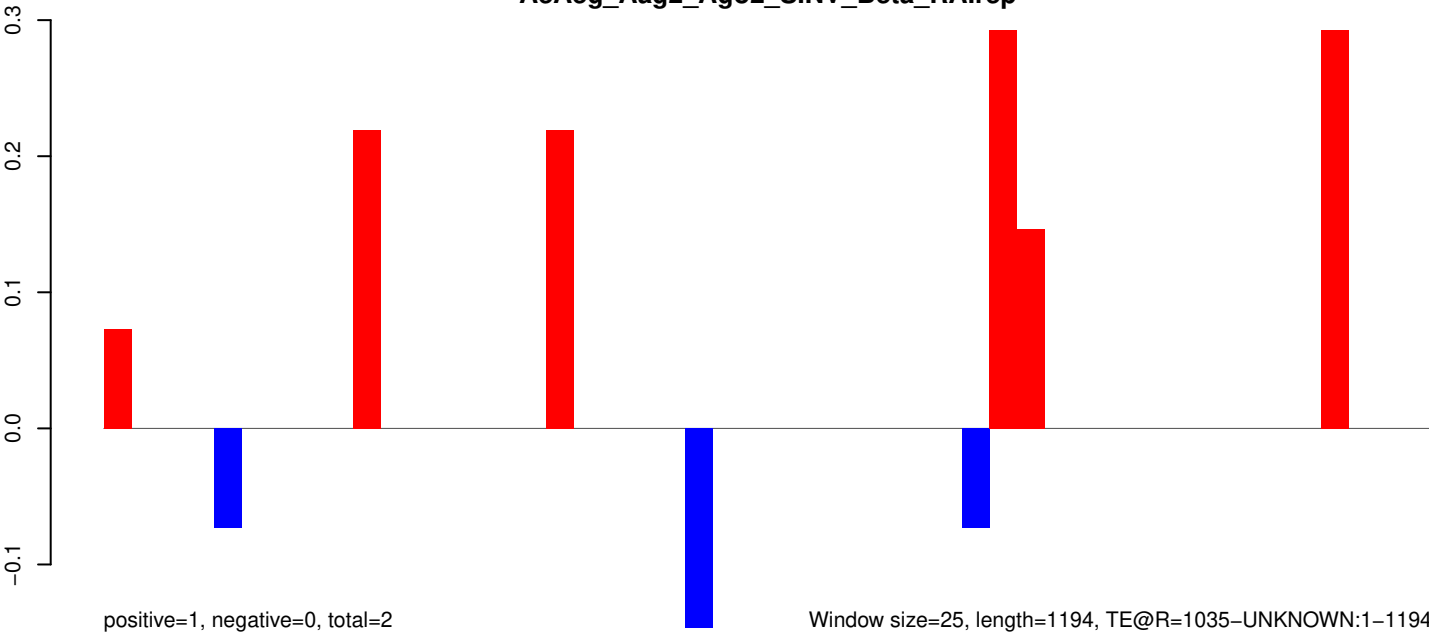
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



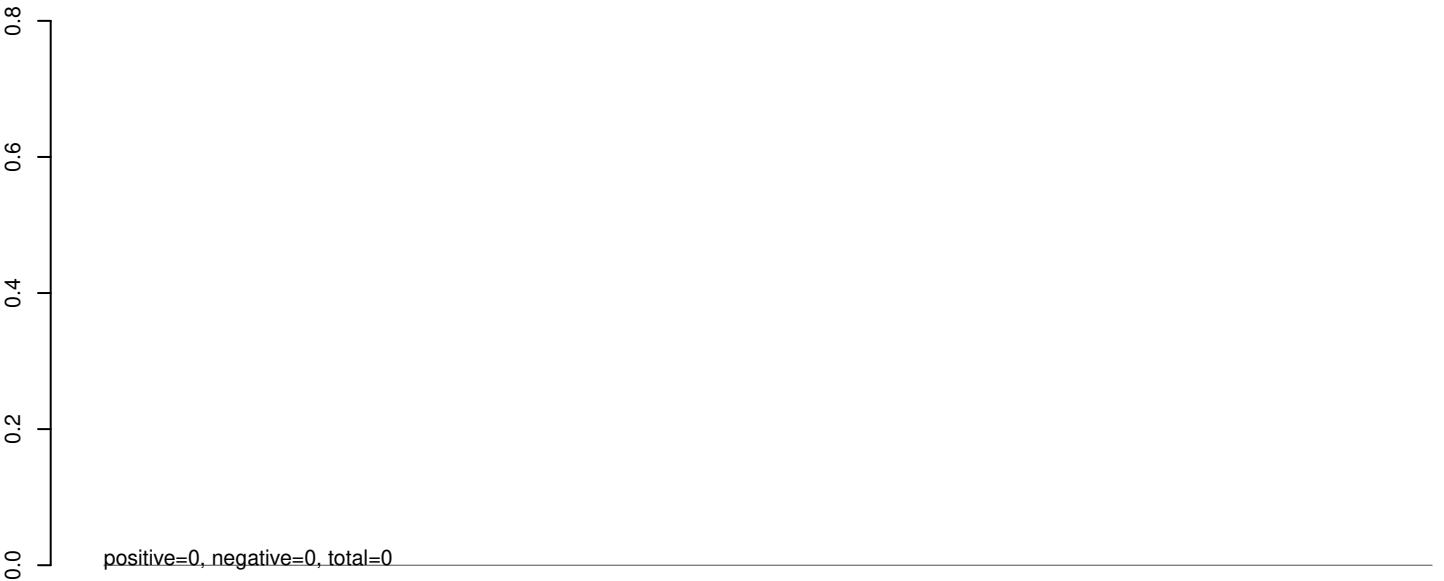
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



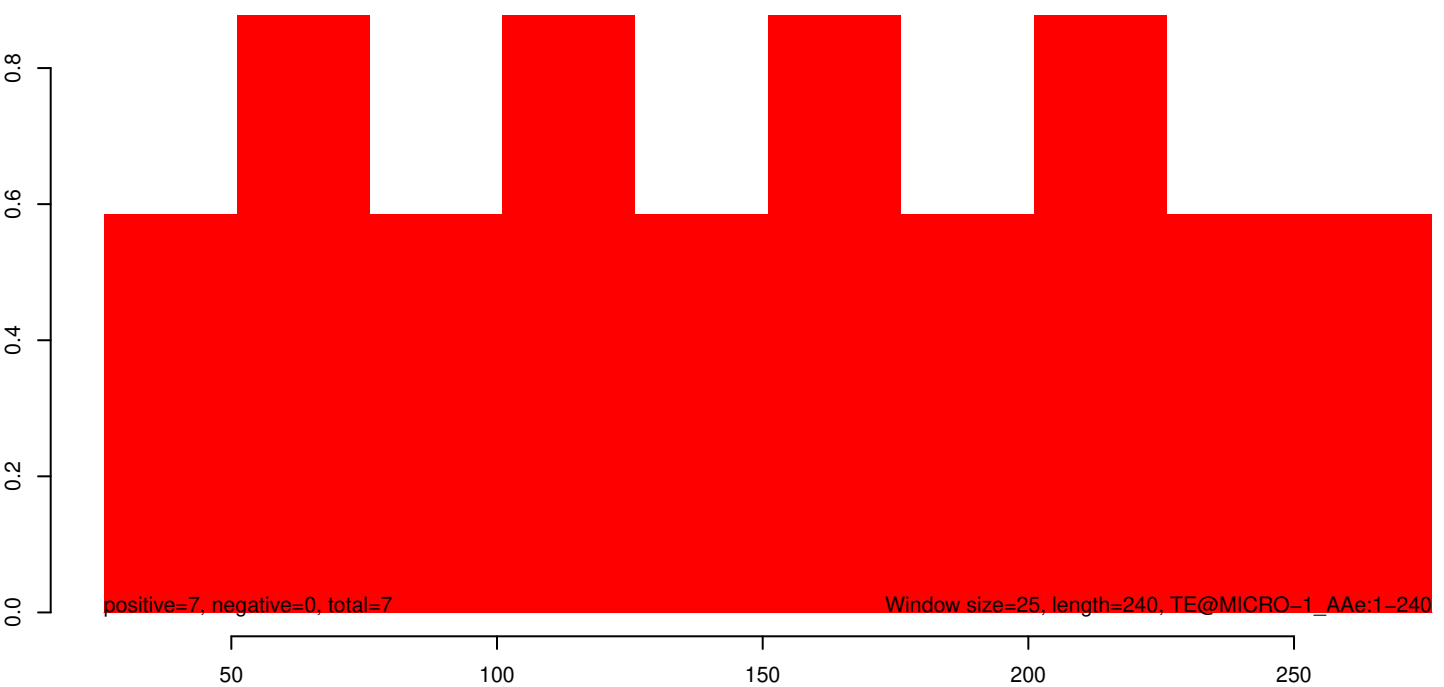
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**





**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

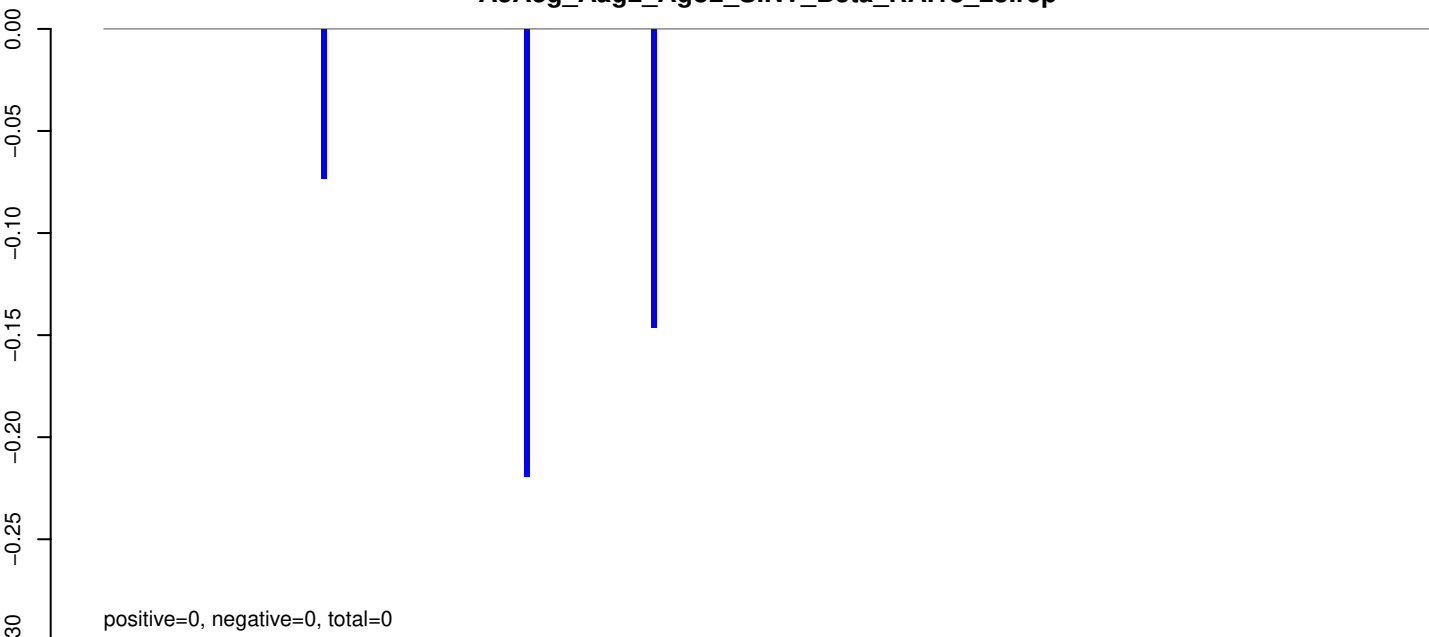


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

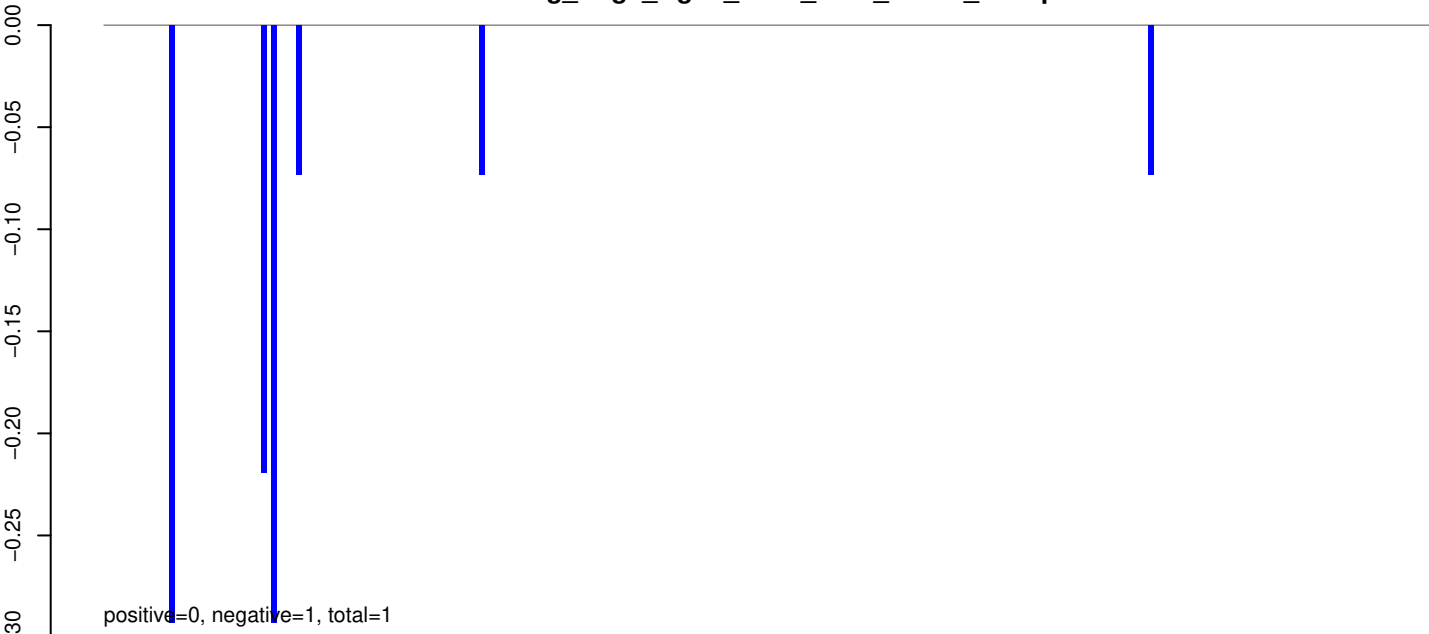


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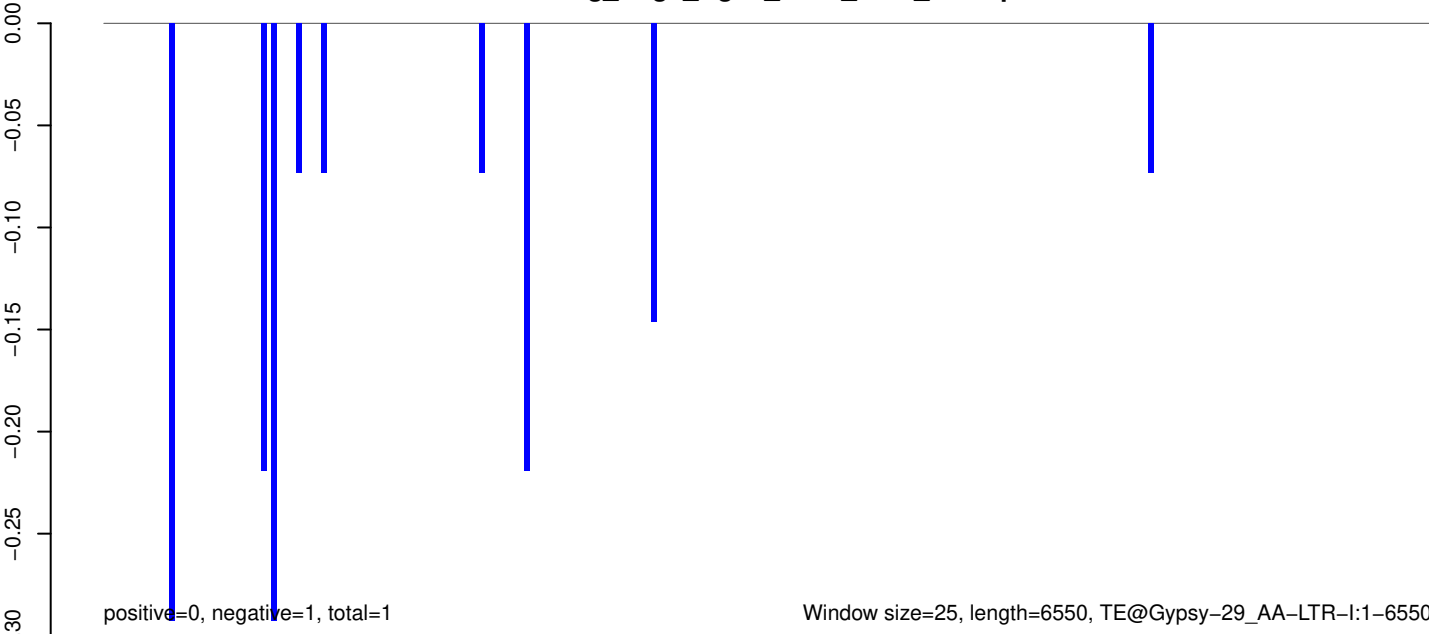
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



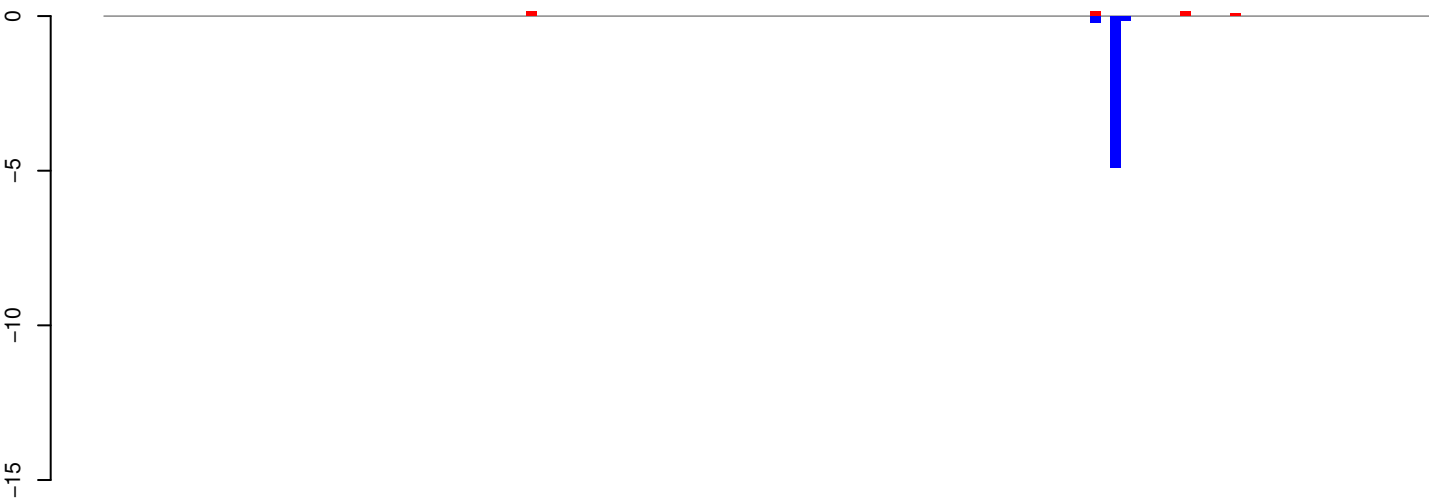
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

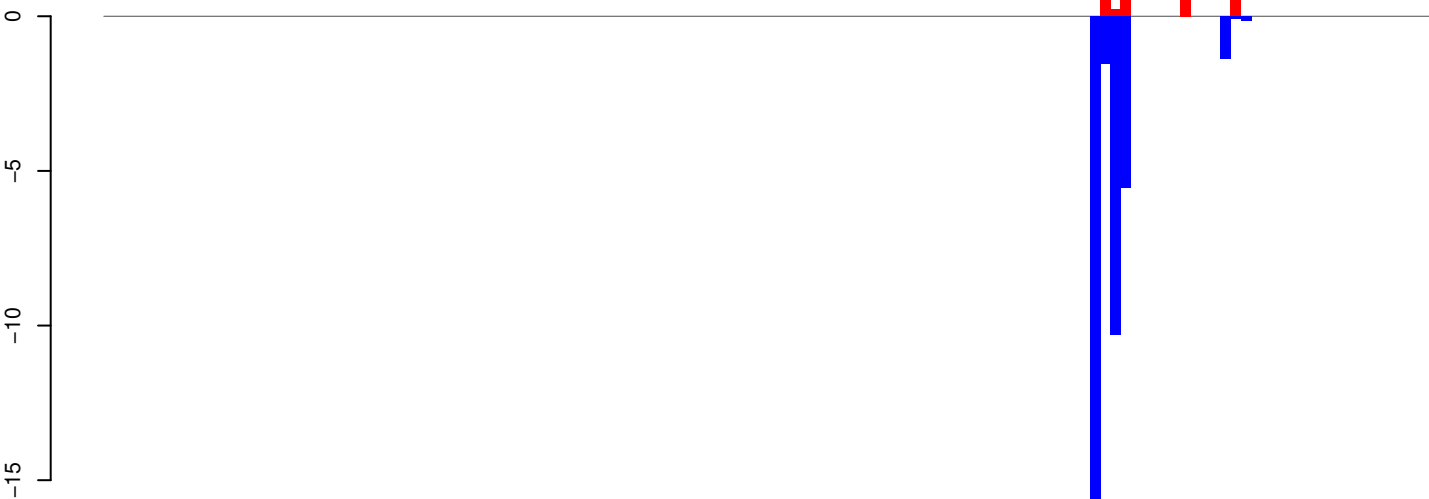


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



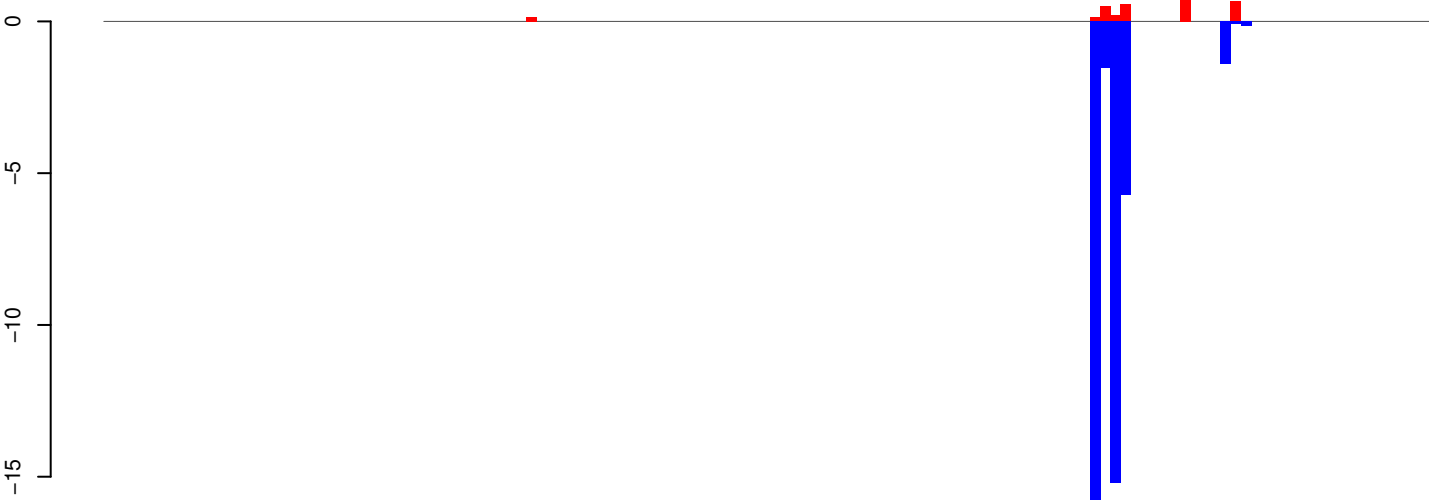
positive=1, negative=5, total=6

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



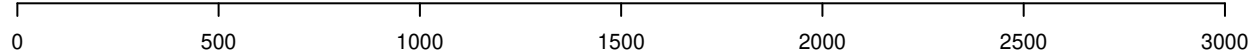
positive=3, negative=37, total=40

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

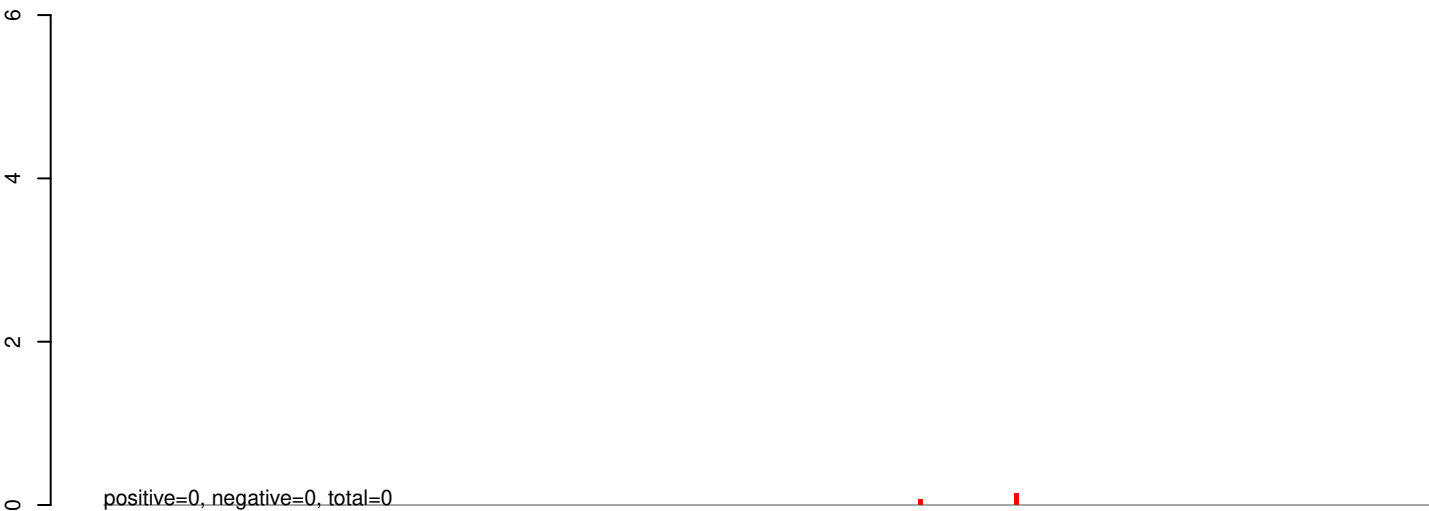


positive=3, negative=43, total=46

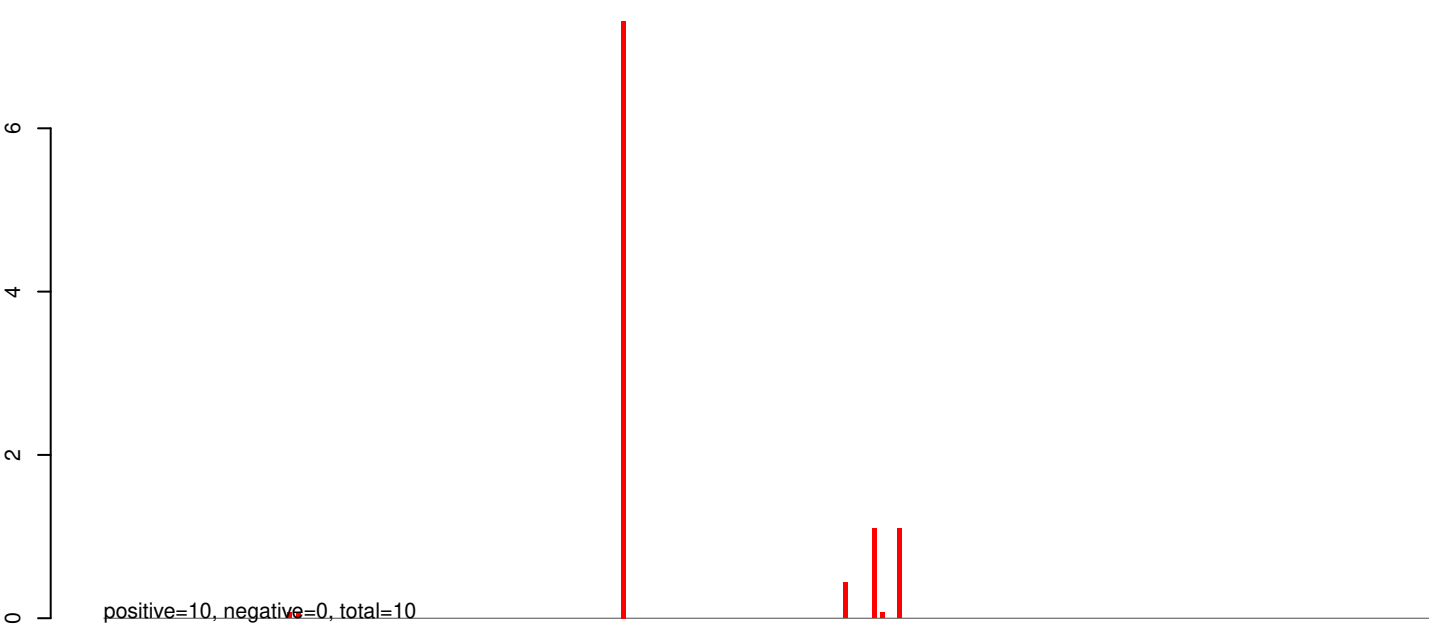
Window size=25, length=3289, TE@Gypsy-227\_AA-LTR-I:1-3289



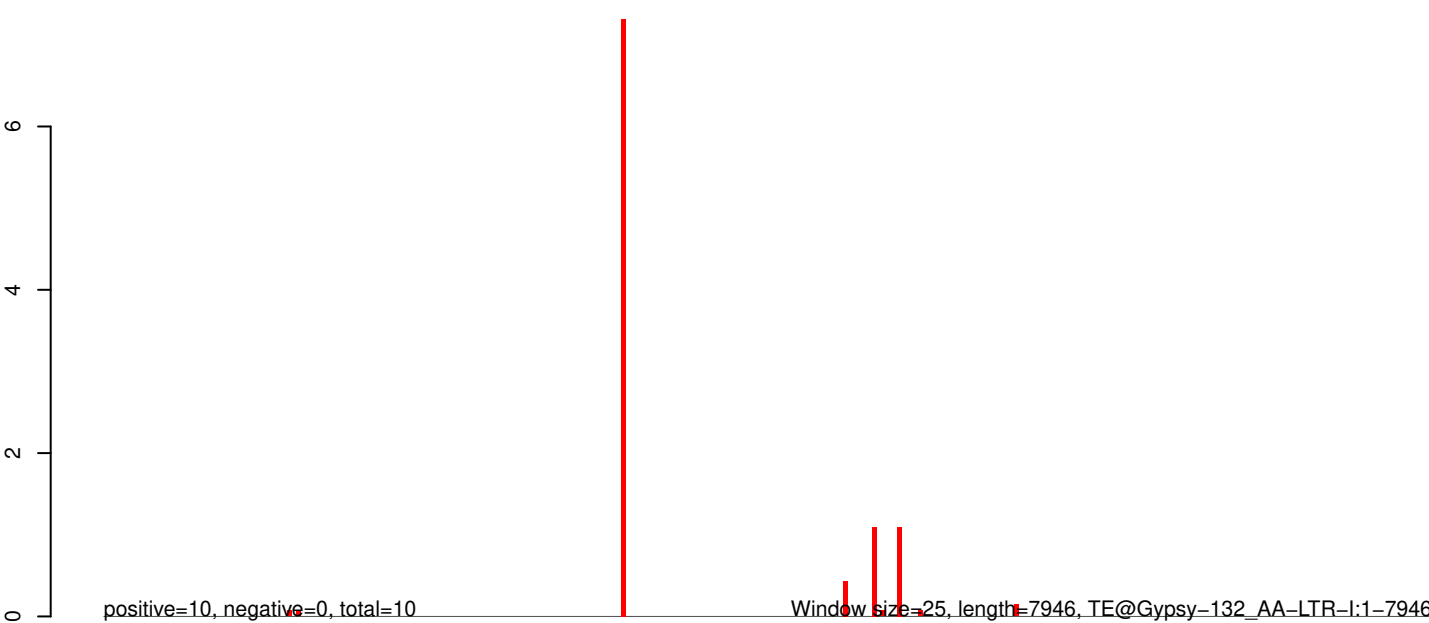
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



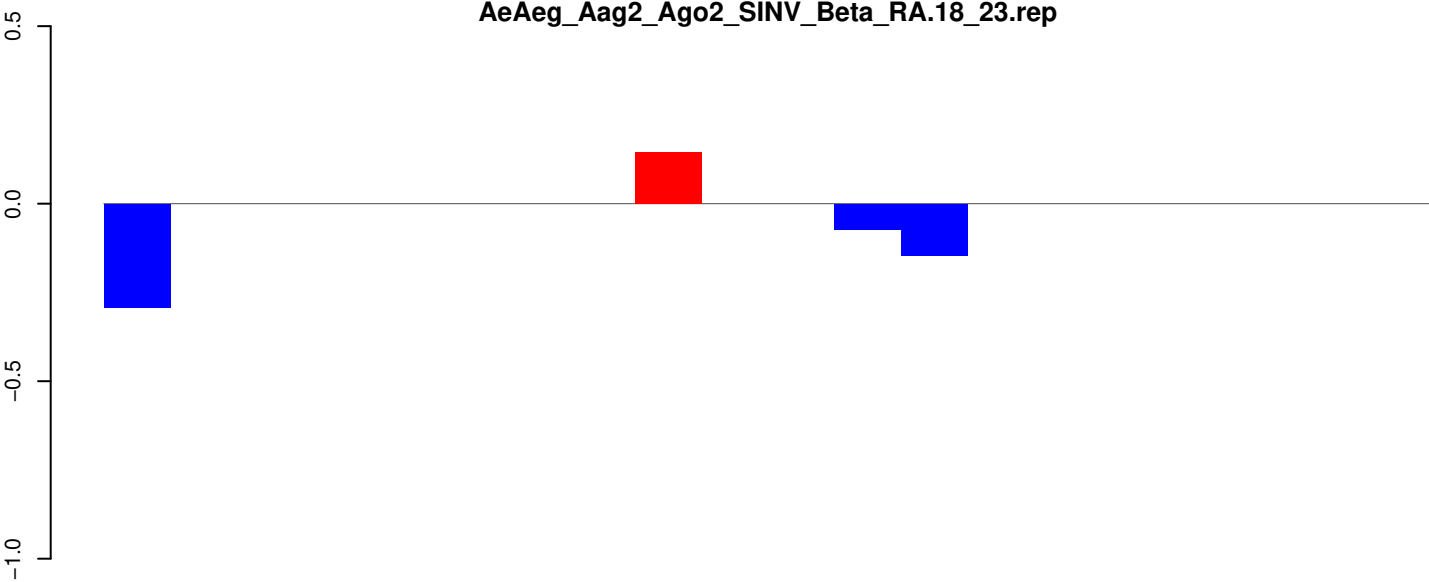
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

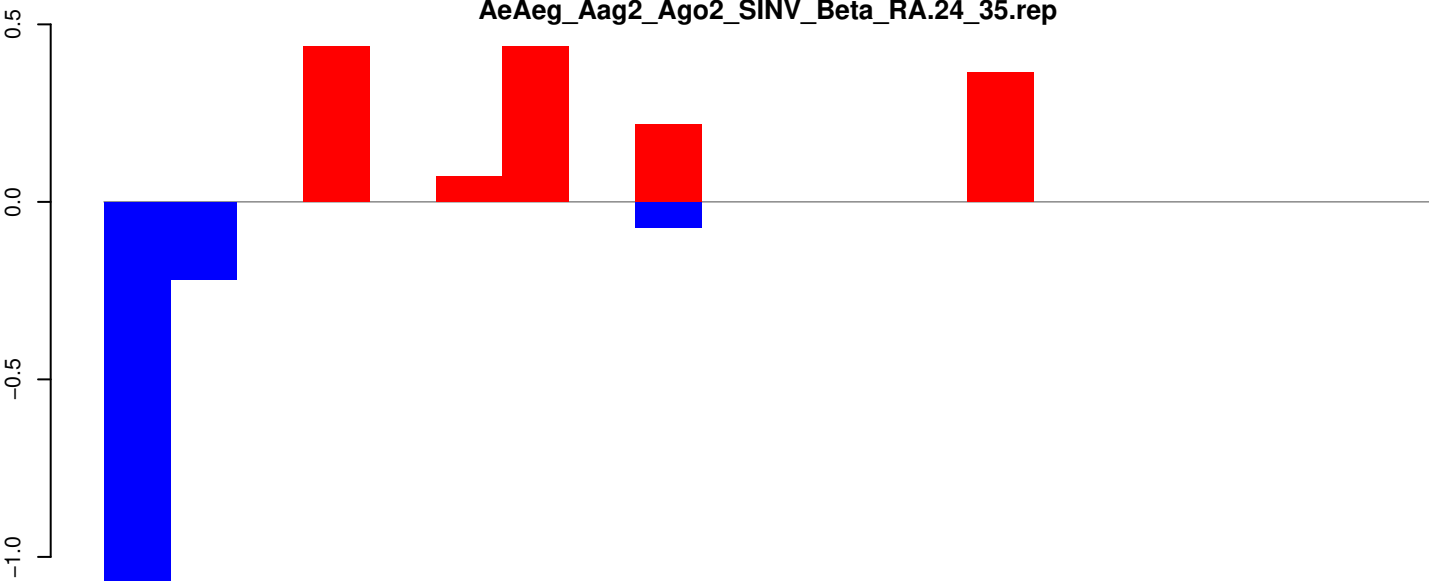


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



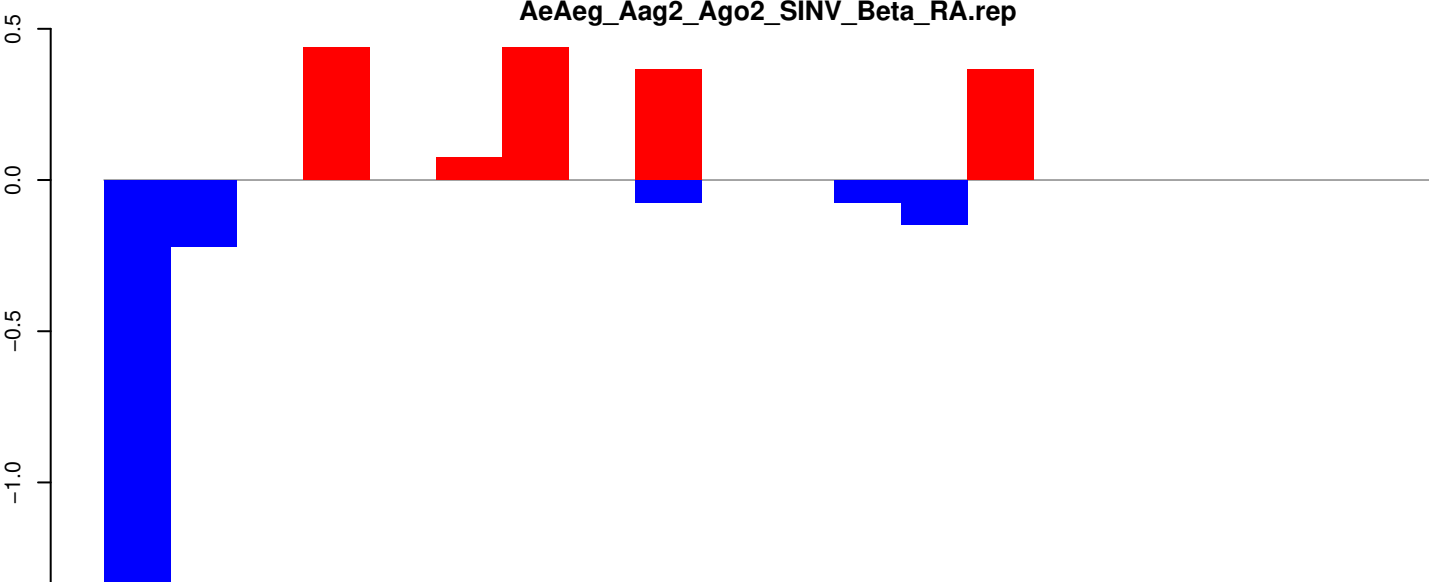
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=2, negative=2, total=3

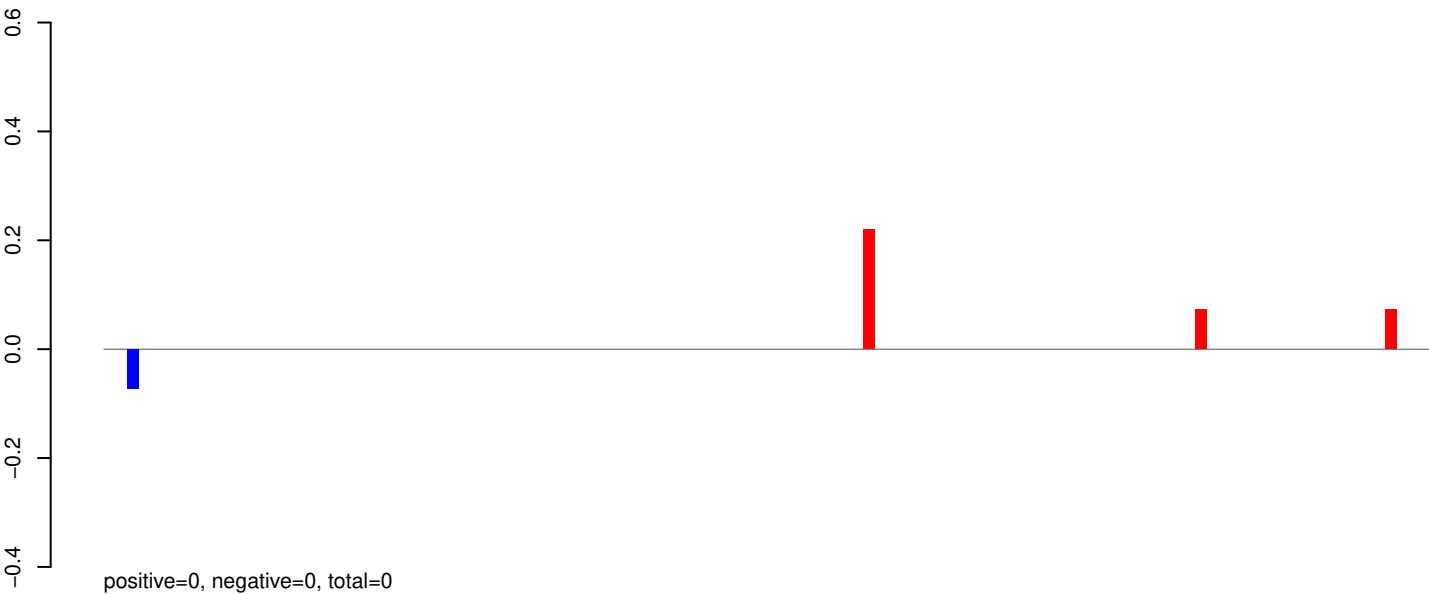
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



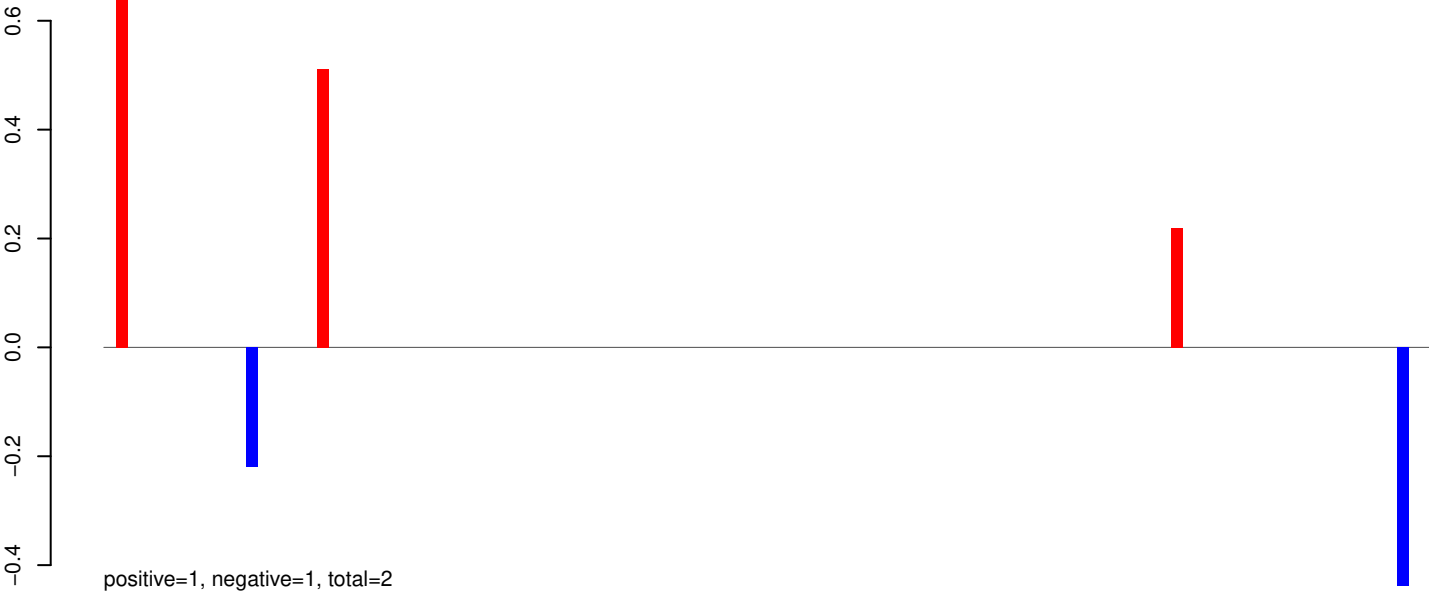
positive=2, negative=2, total=4

Window size=25, length=488, TE@DNA-11\_A Ae:1-488

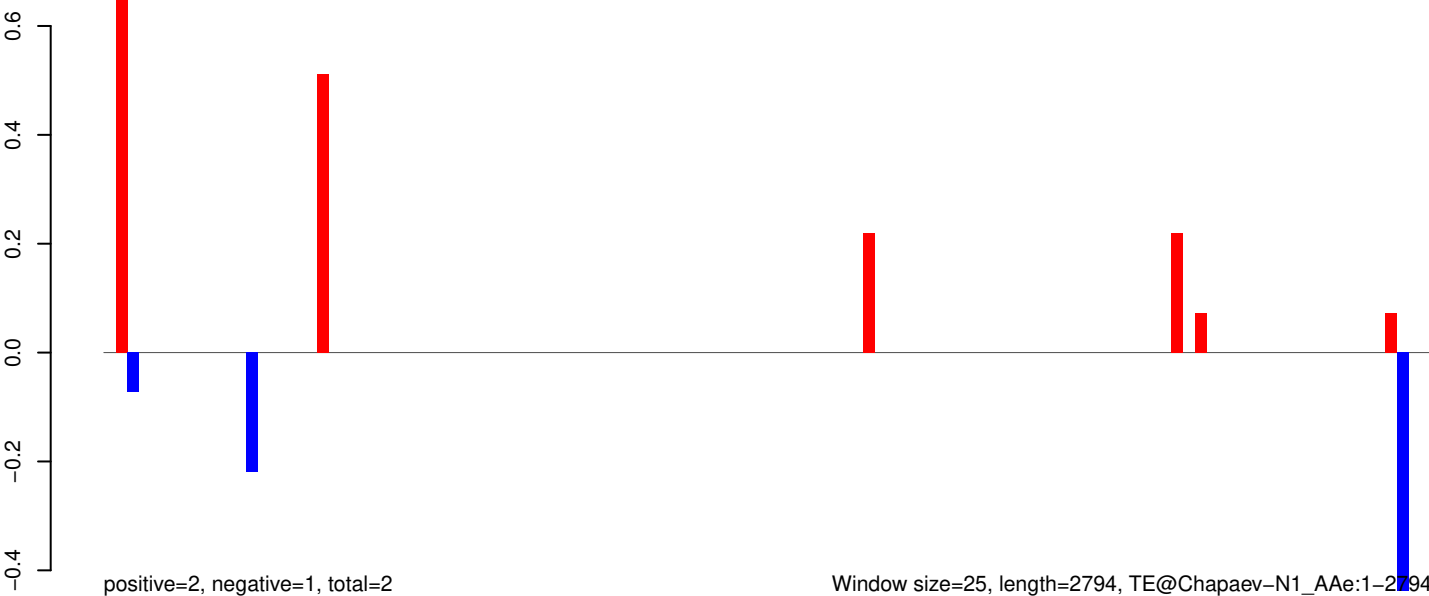
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



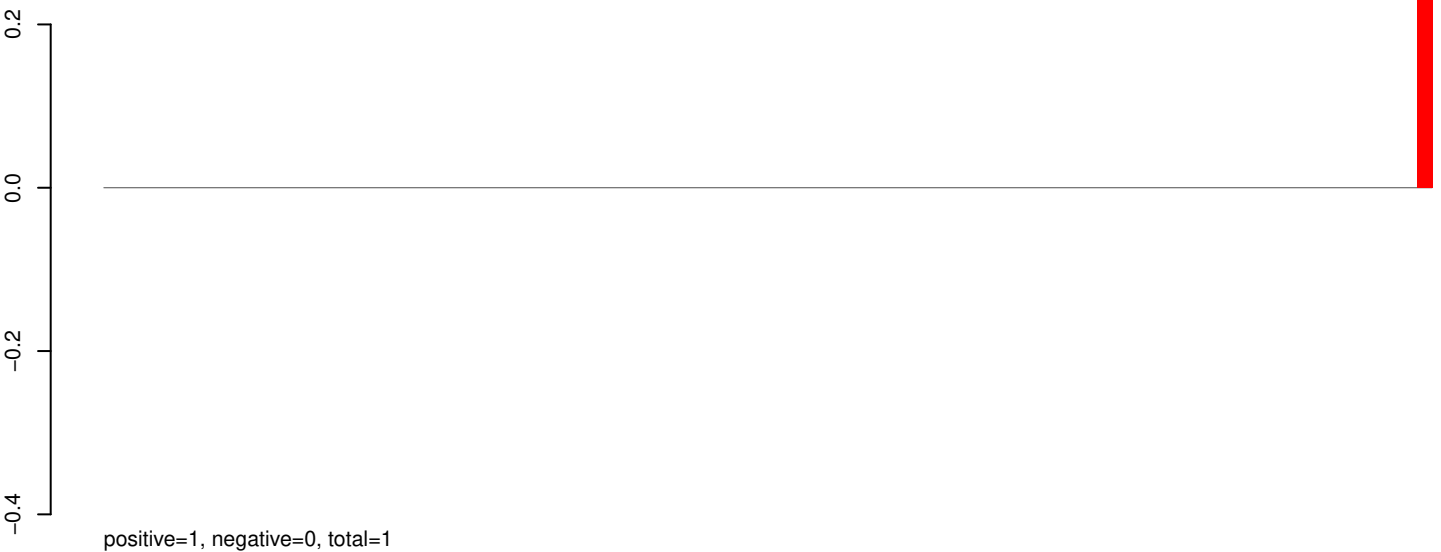
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



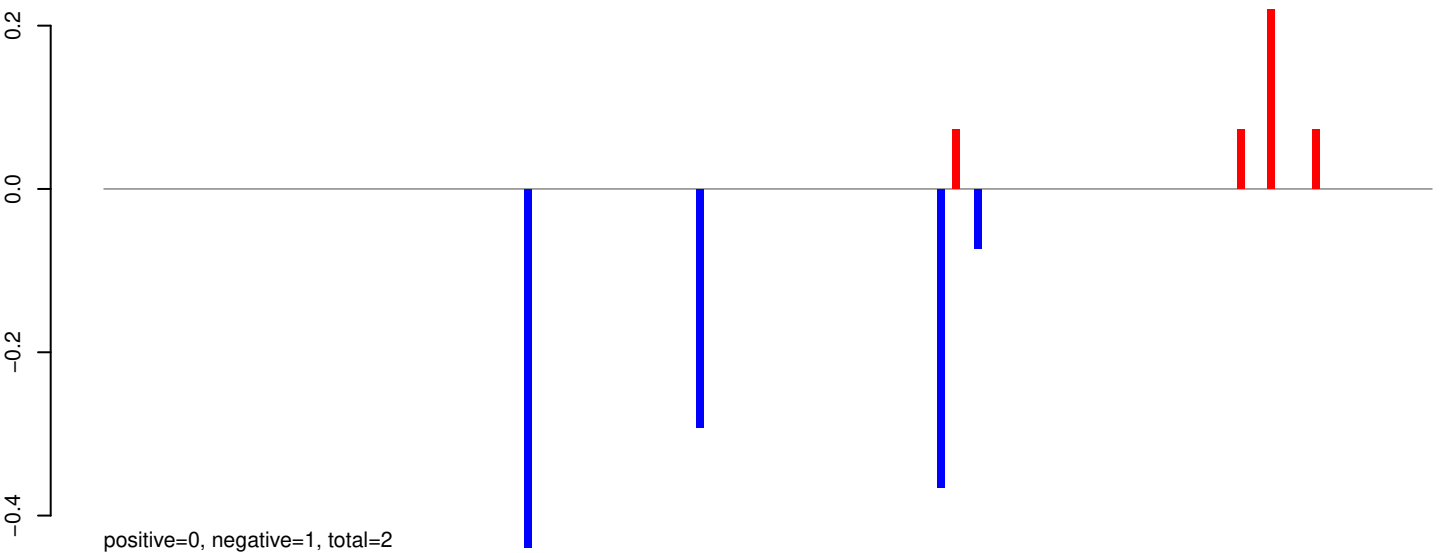
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



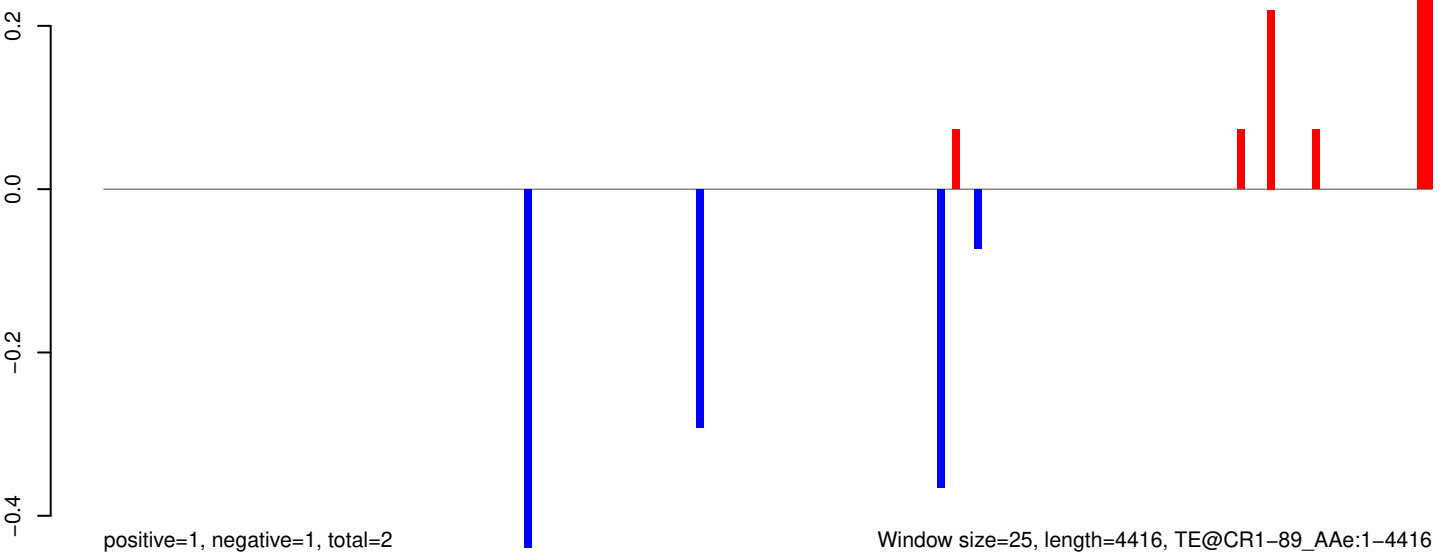
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



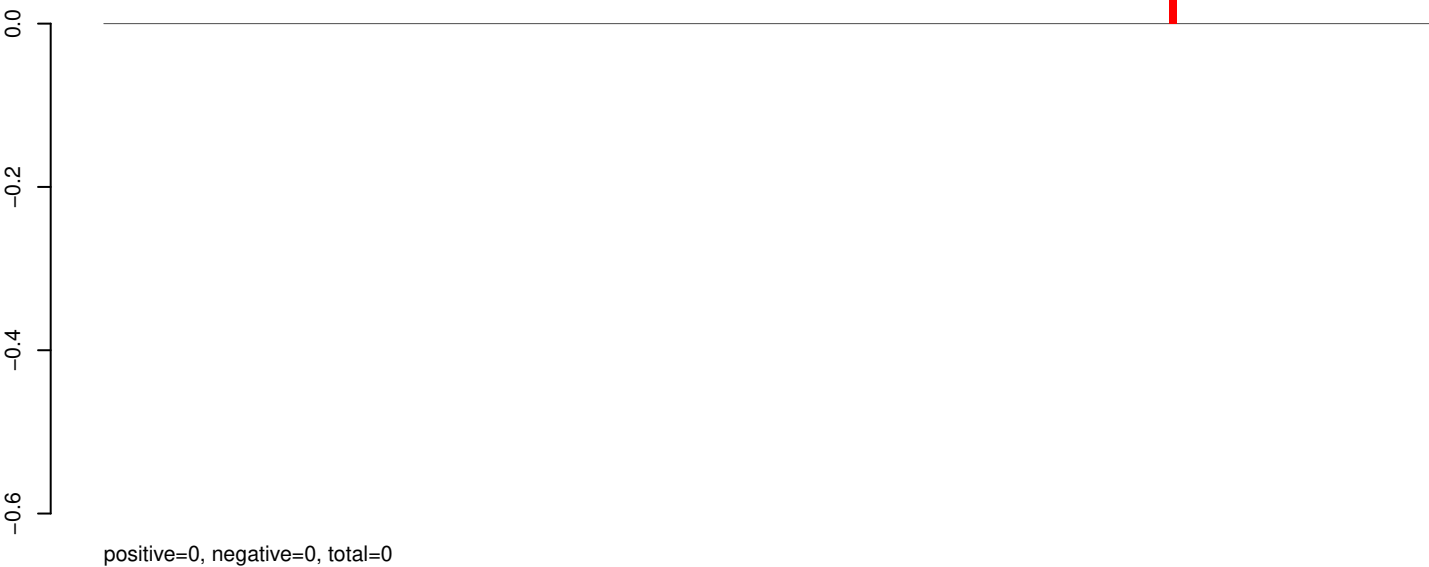
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



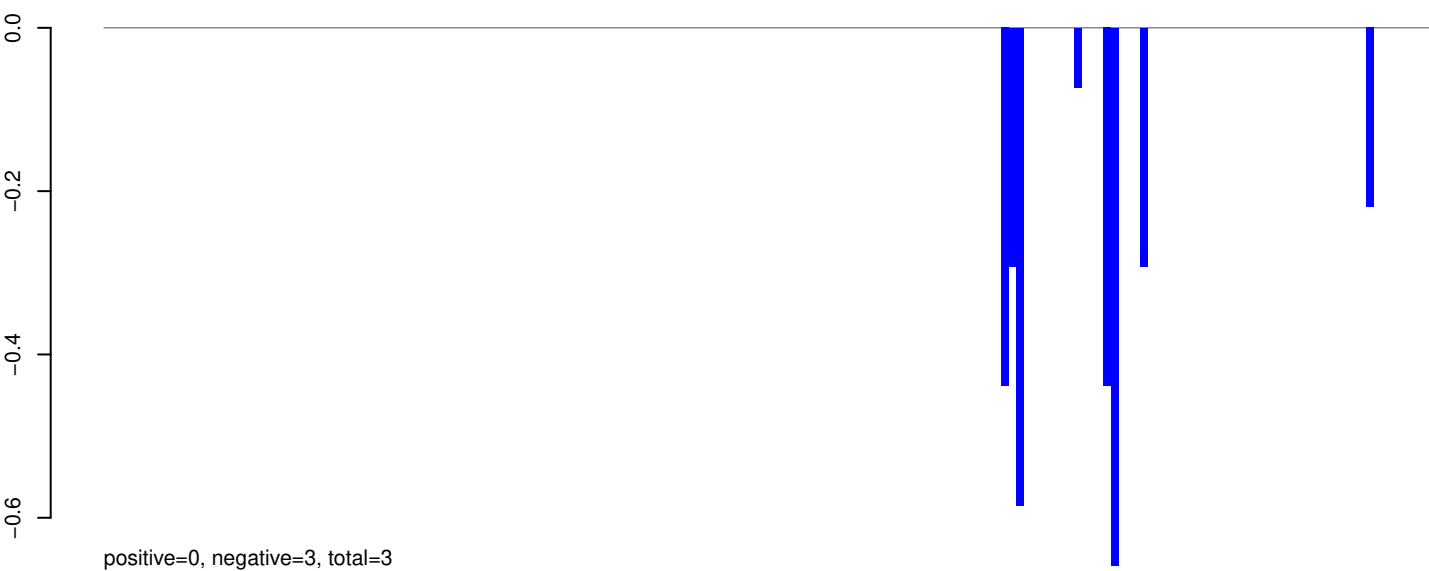
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

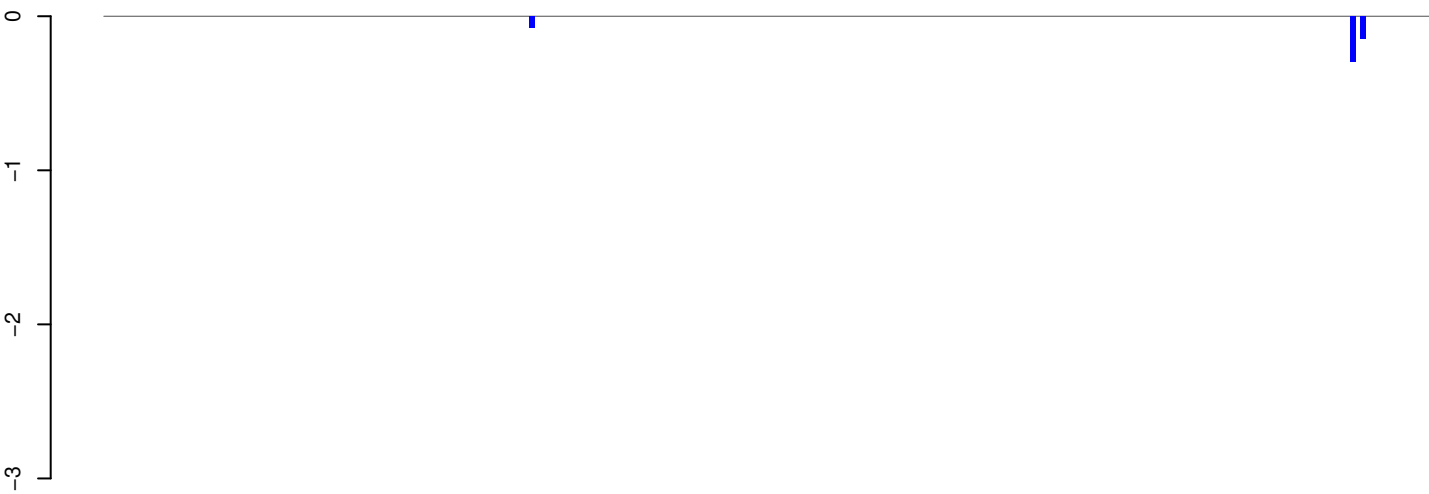


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



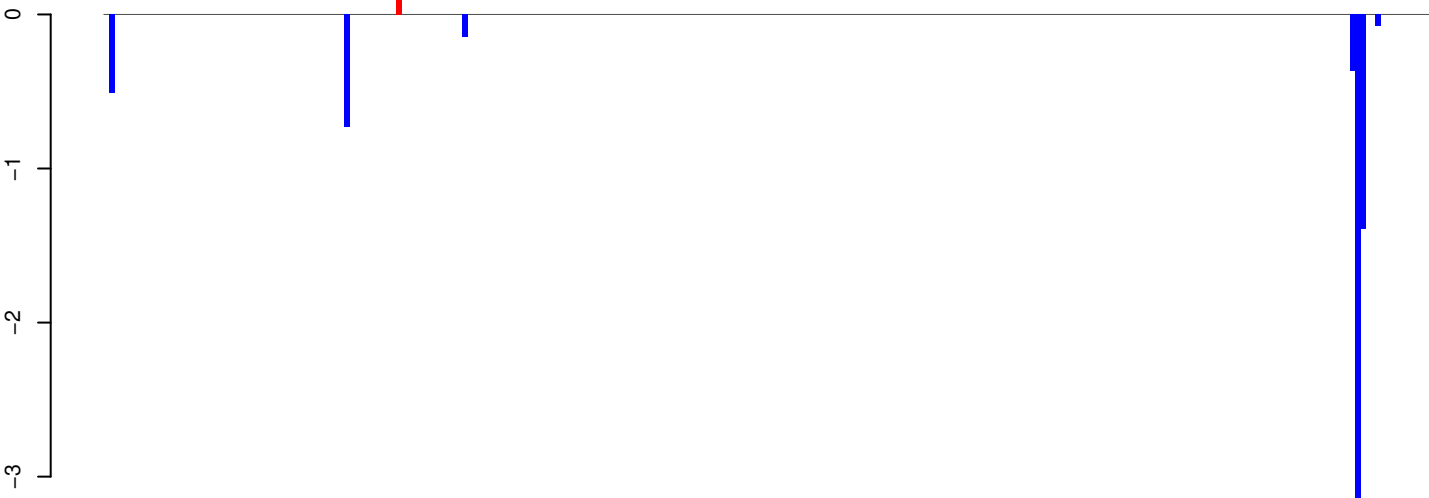


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



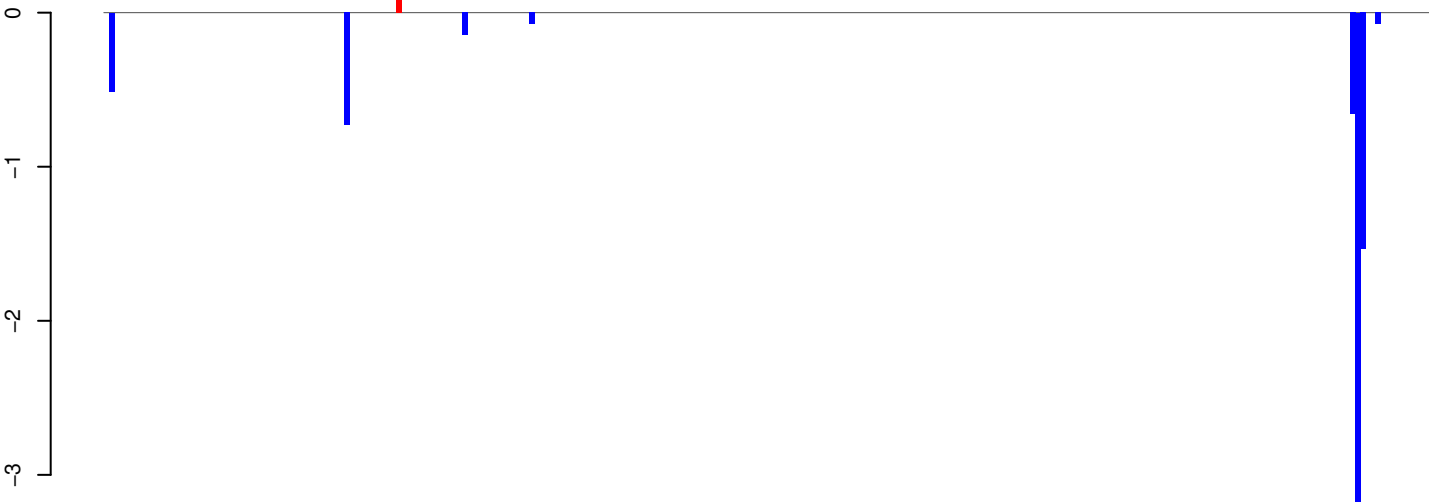
positive=0, negative=1, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=7, total=7

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

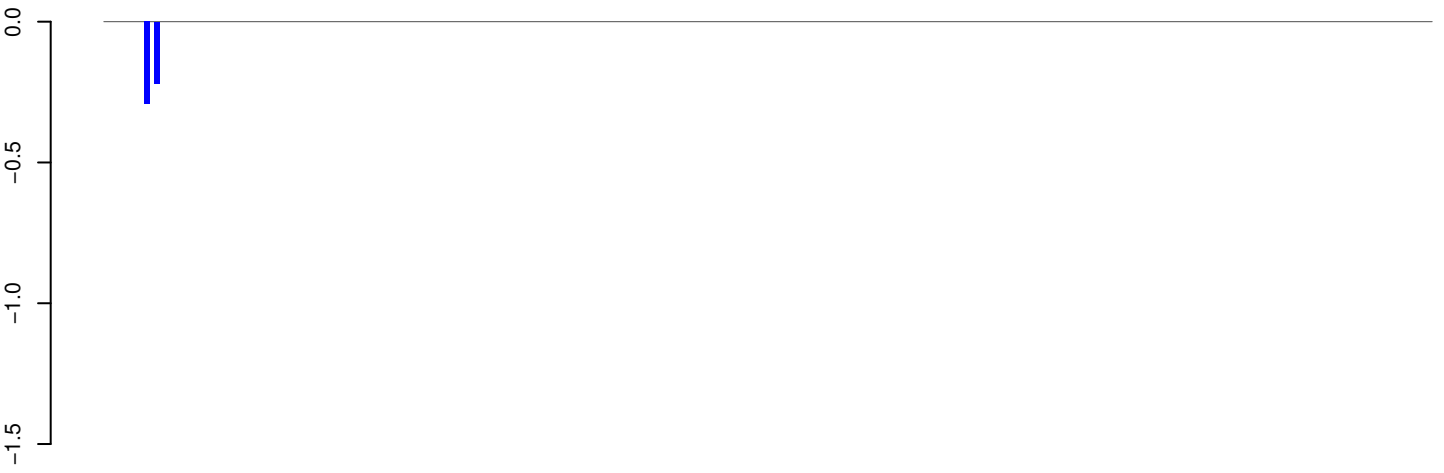


positive=0, negative=7, total=8

Window size=25, length=6473, TE@BEL-601\_AA-LTR-11-6473

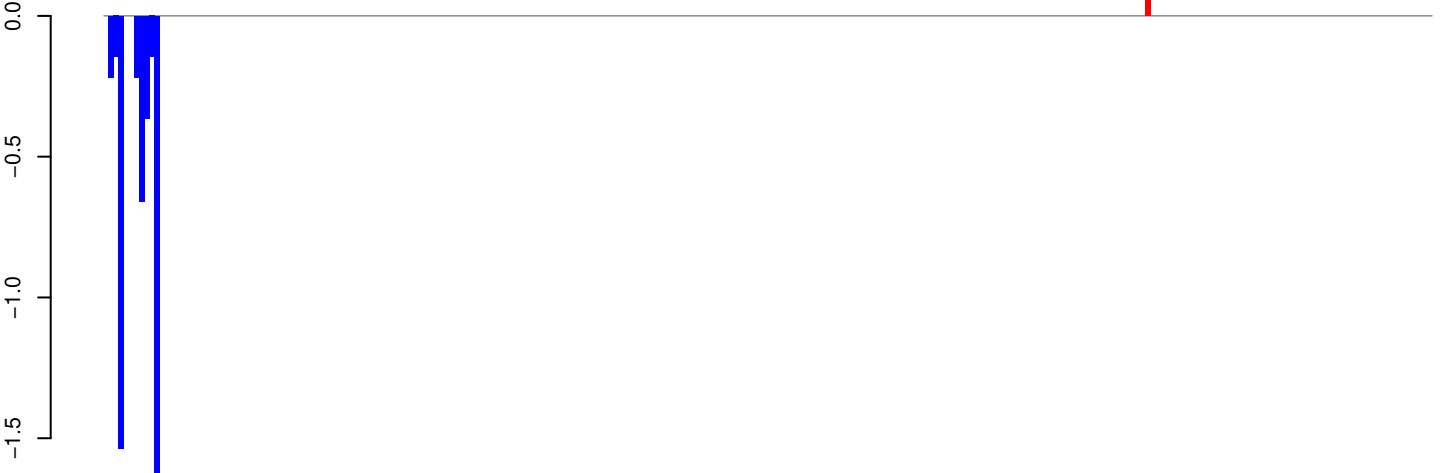
0 1000 2000 3000 4000 5000 6000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



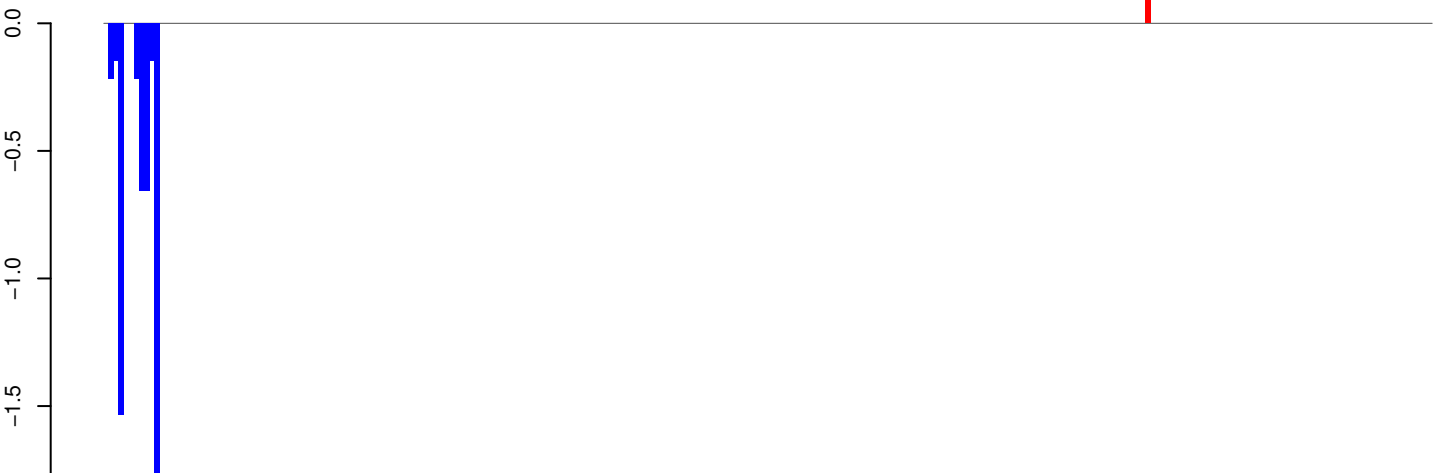
positive=0, negative=1, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=5, total=5

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

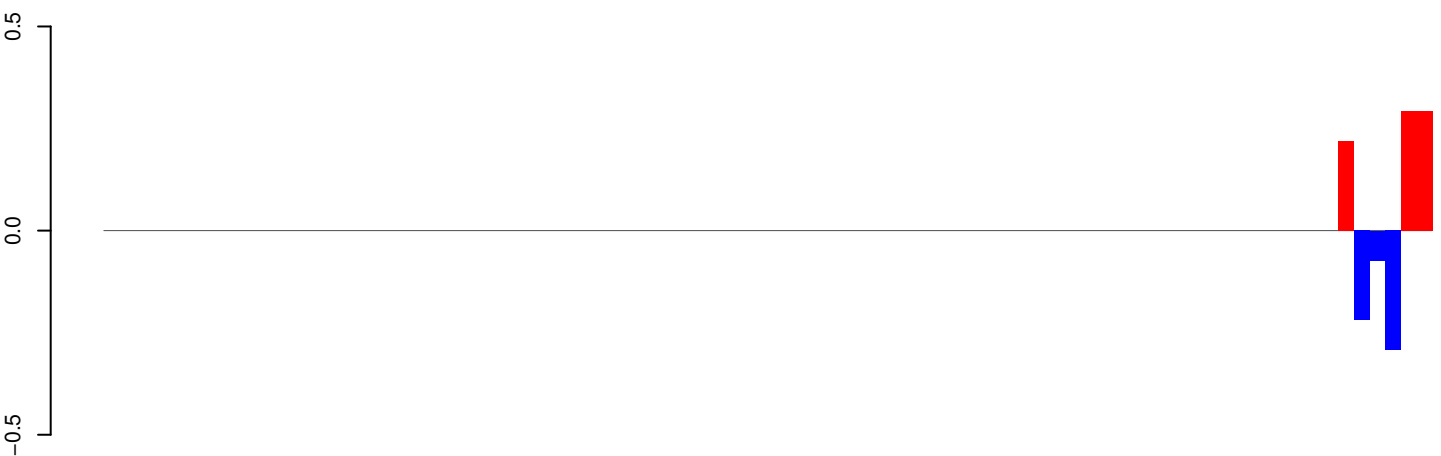


positive=0, negative=6, total=6

Window size=25, length=6584, TE@BEL-5\_AA-LTR-I:1-6584

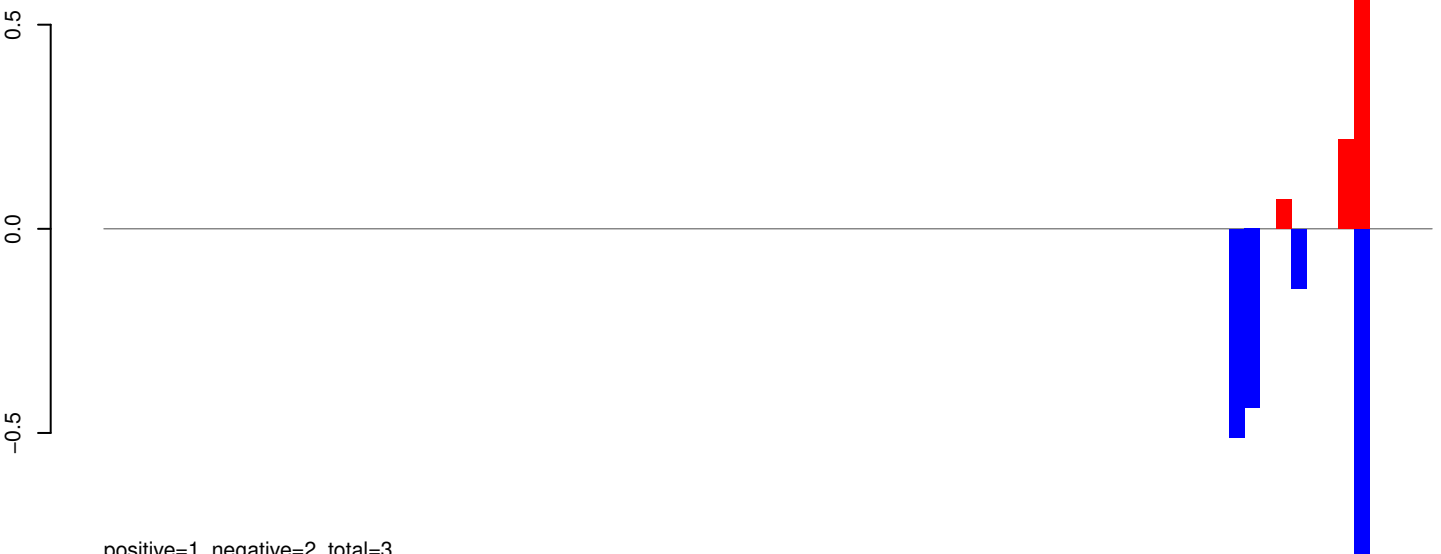
0 1000 2000 3000 4000 5000 6000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



positive=1, negative=1, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=2, total=3

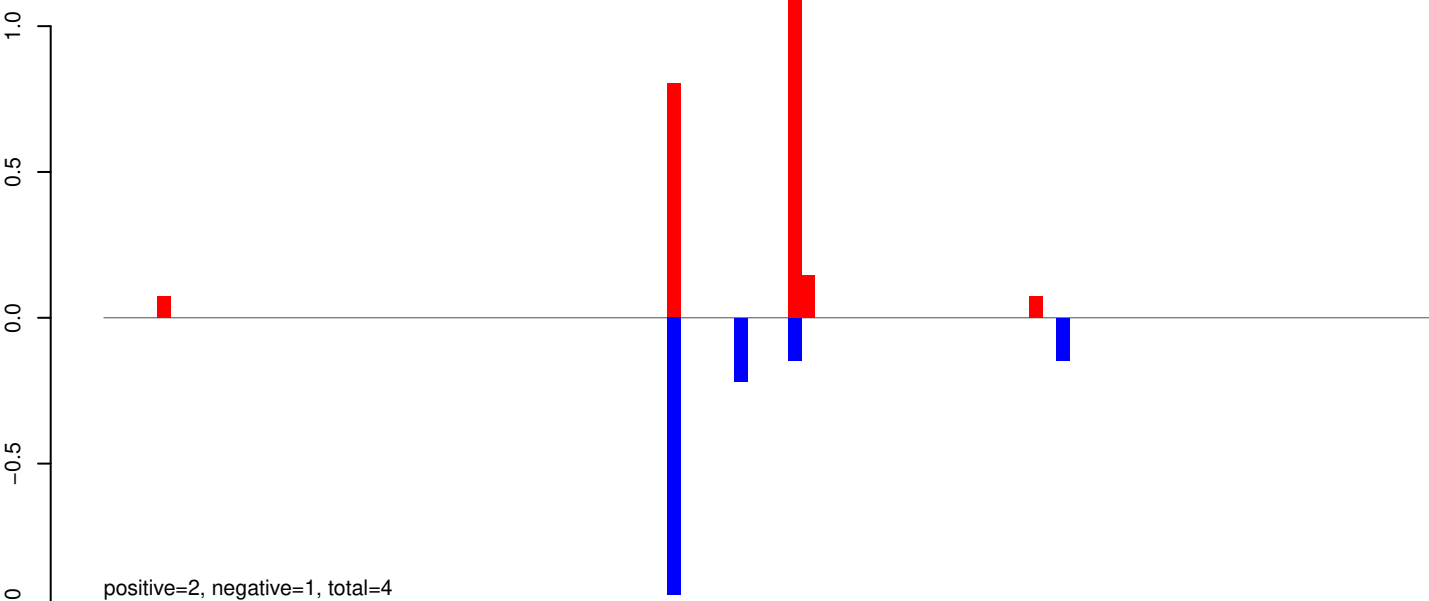
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



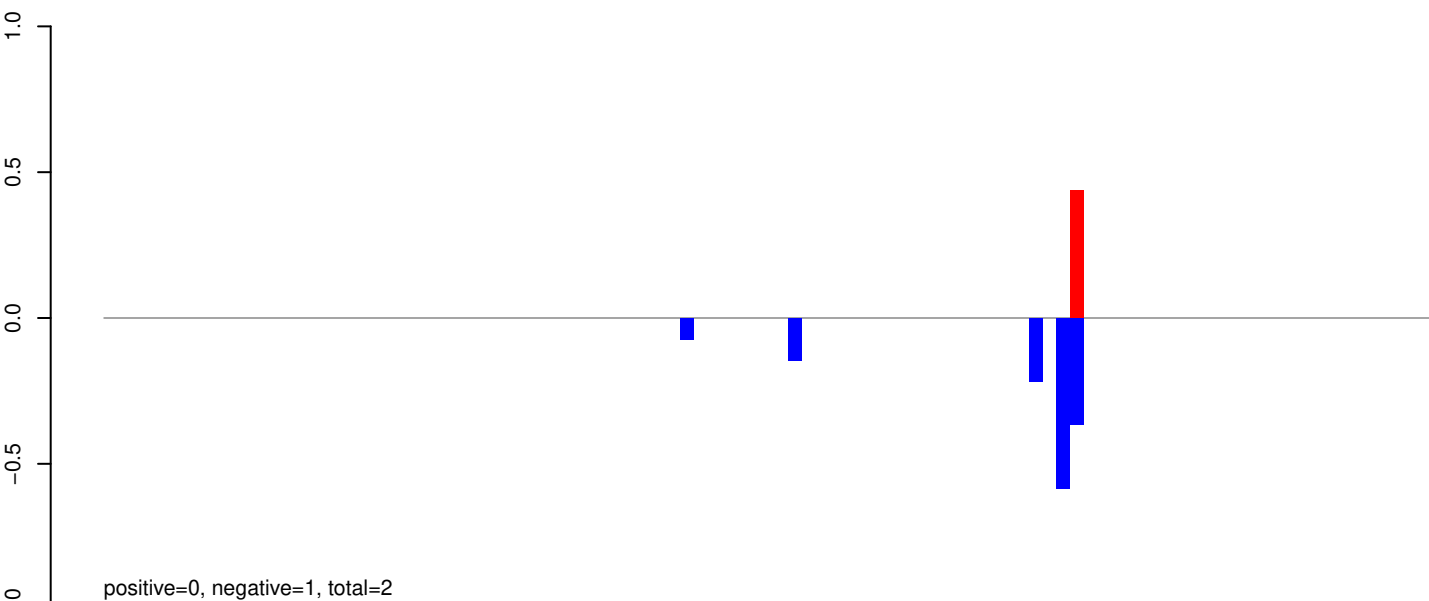
positive=2, negative=2, total=4

Window size=25, length=2119, TE@AY079060.11-2119

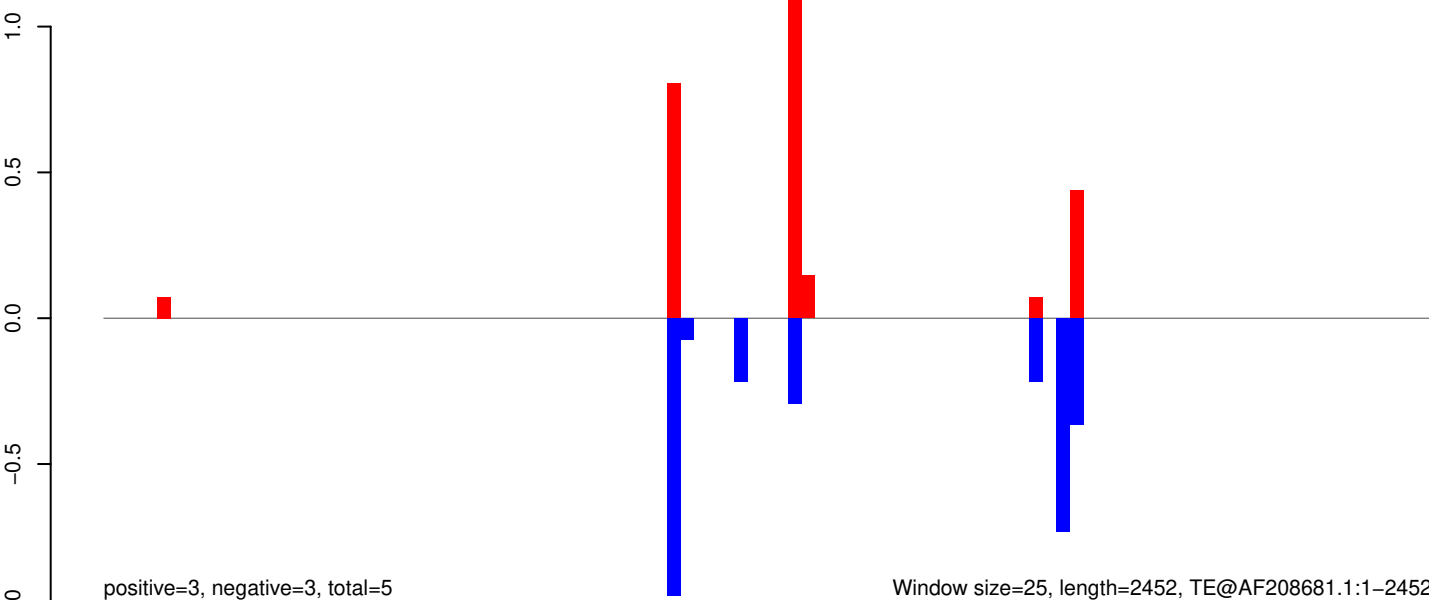
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



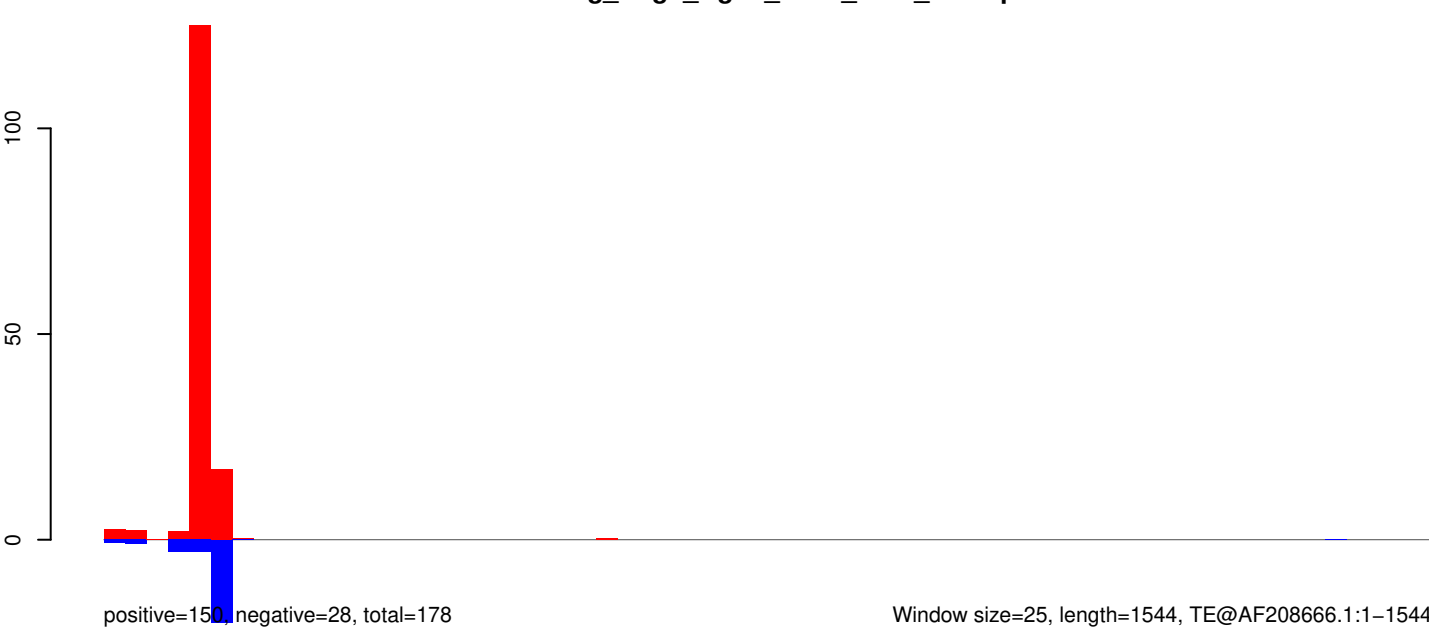
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

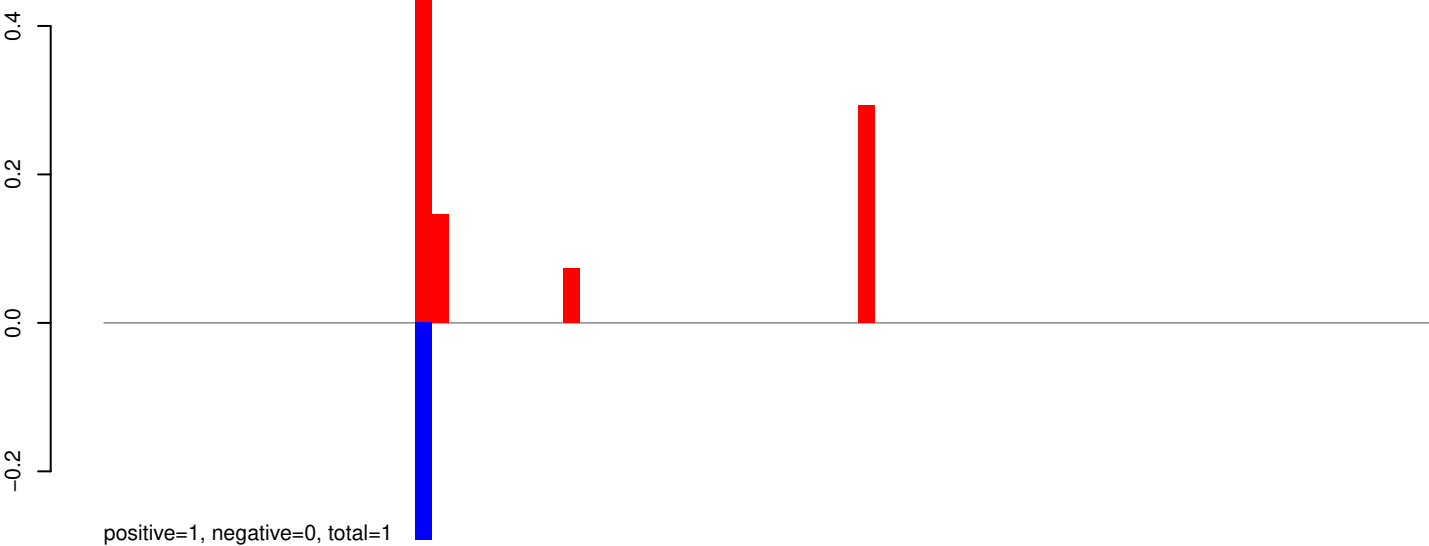


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

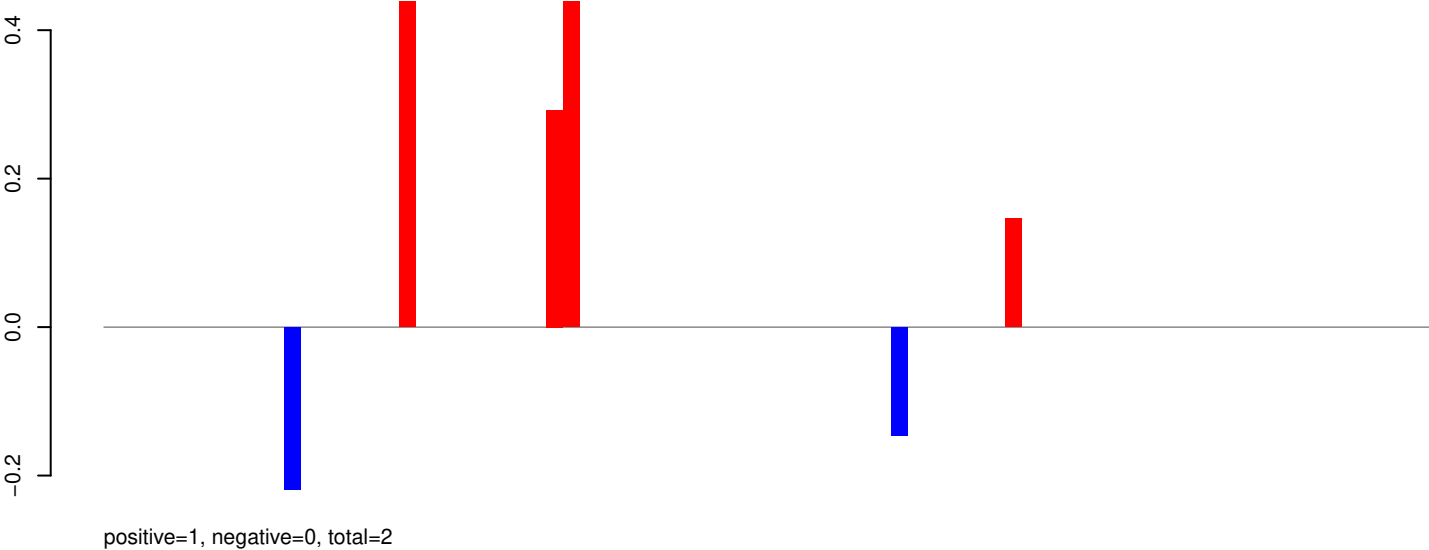


Window size=25, length=1544, TE@AF208666.1:1-1544

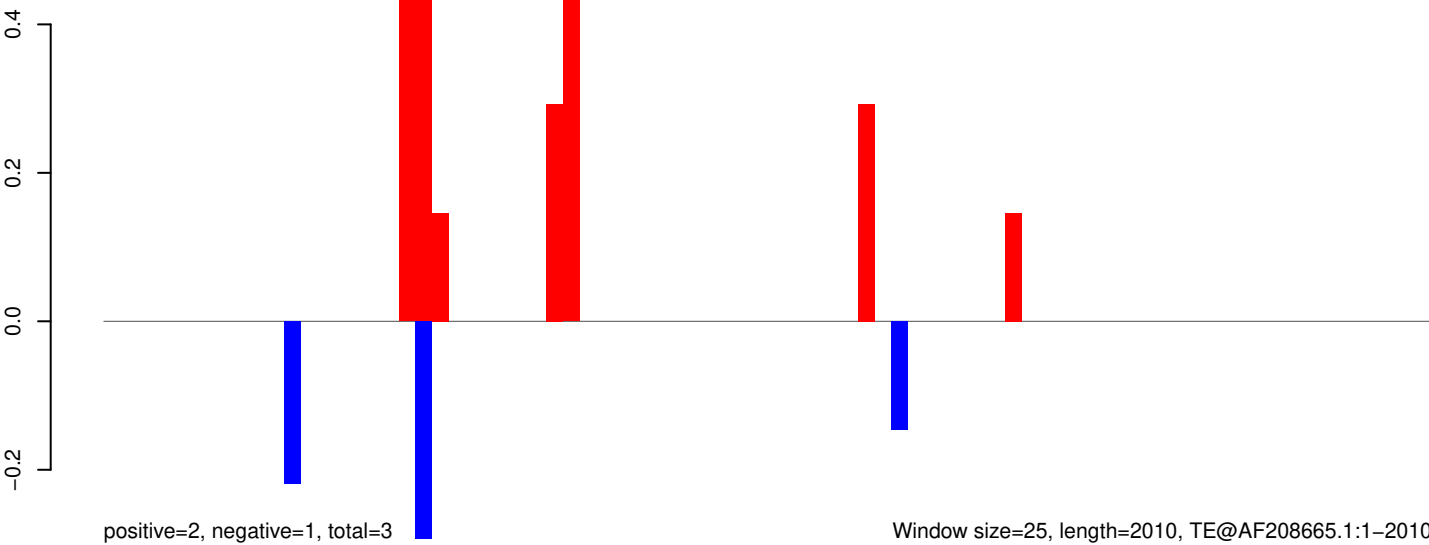
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



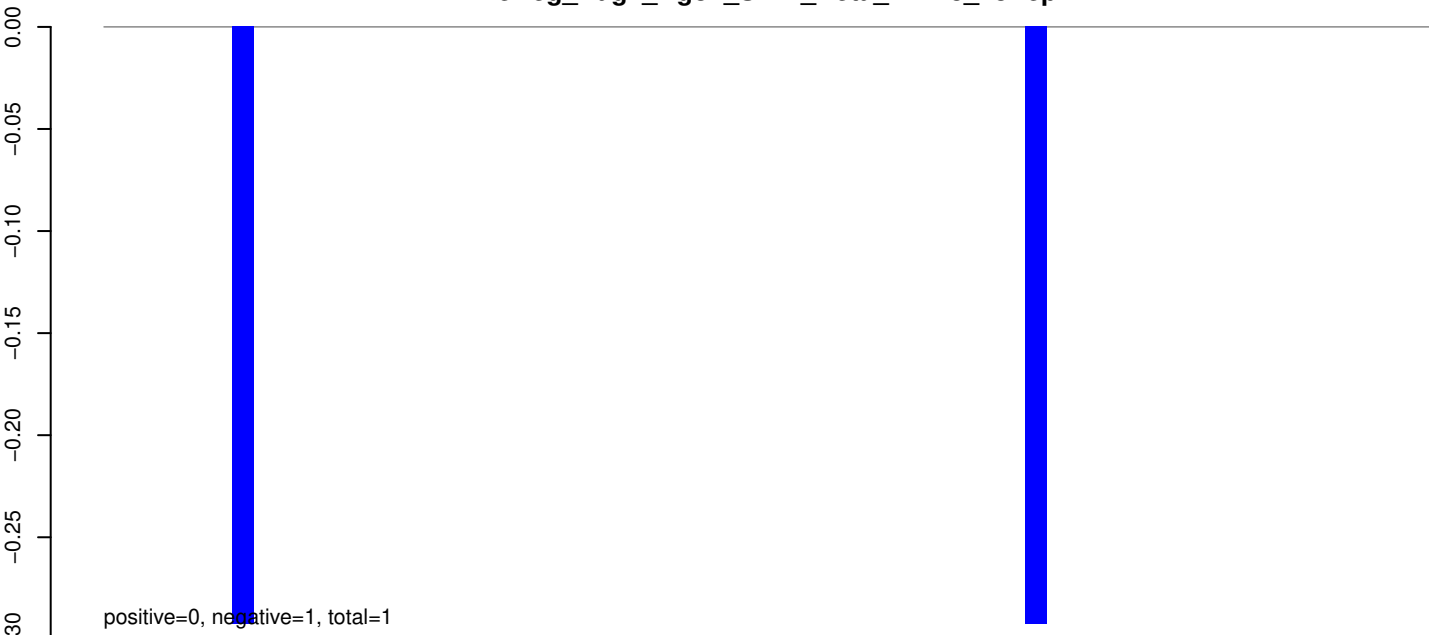
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



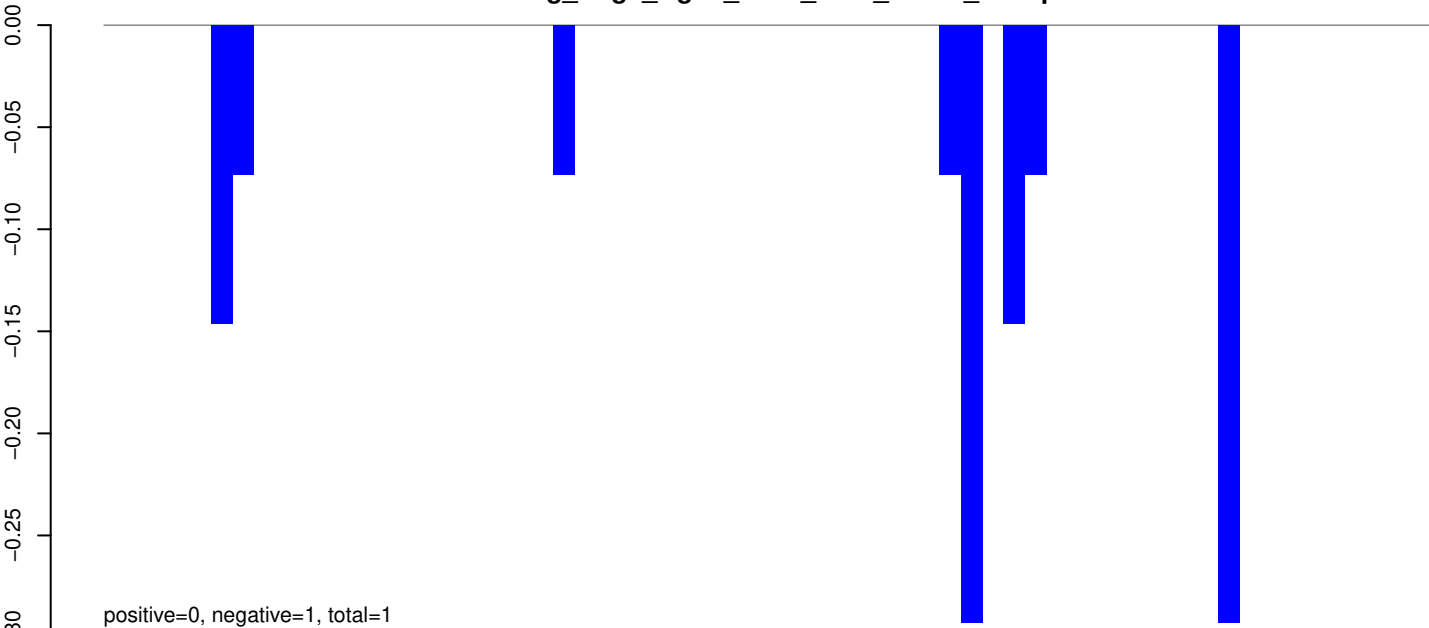
Window size=25, length=2010, TE@AF208665.1:1-2010

0 500 1000 1500 2000

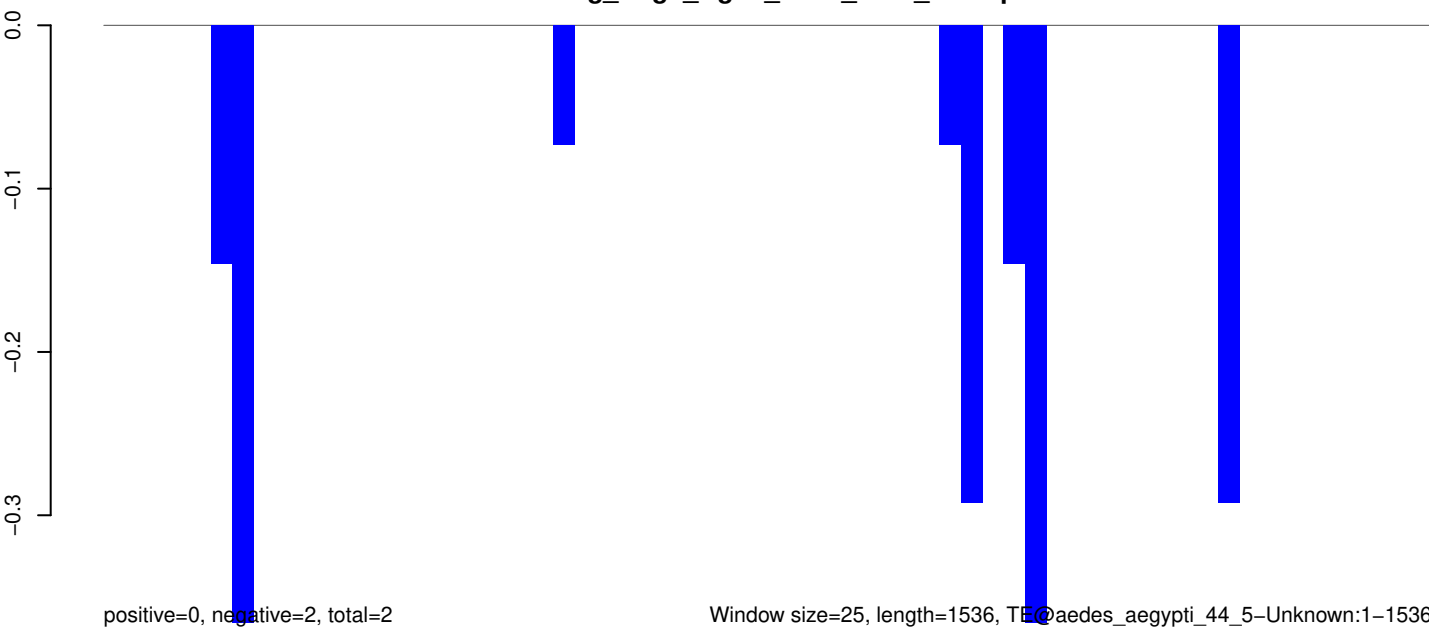
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



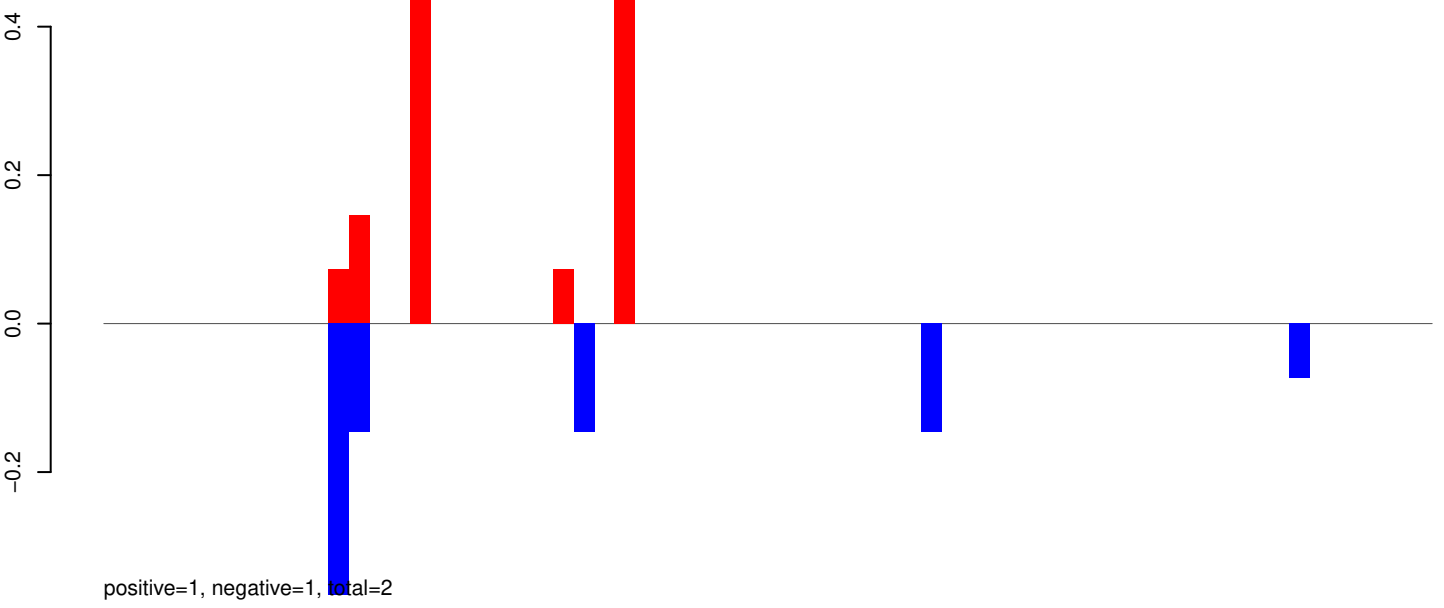
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



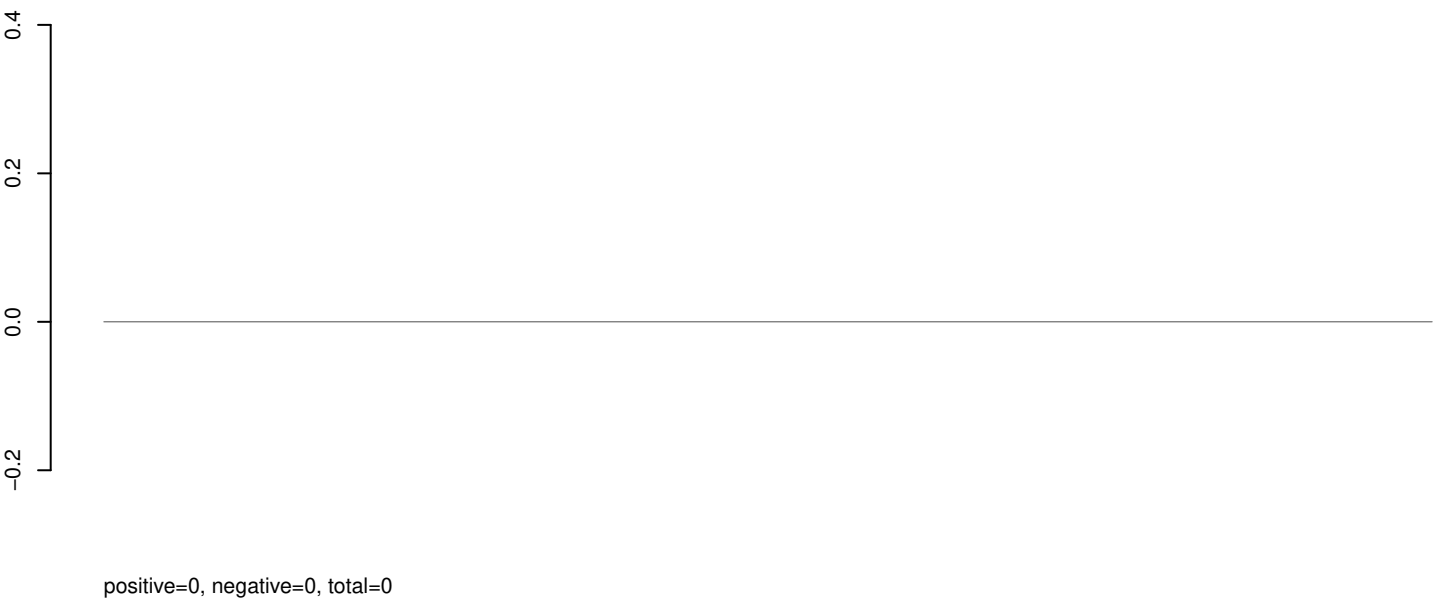
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



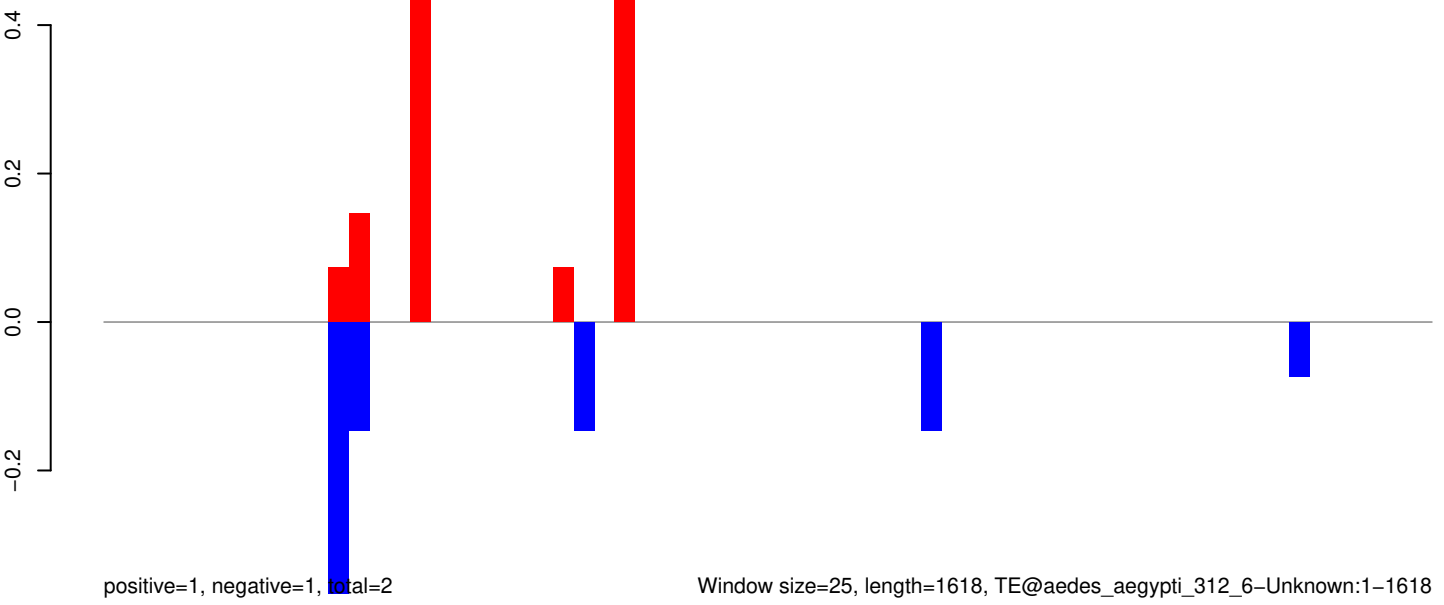
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

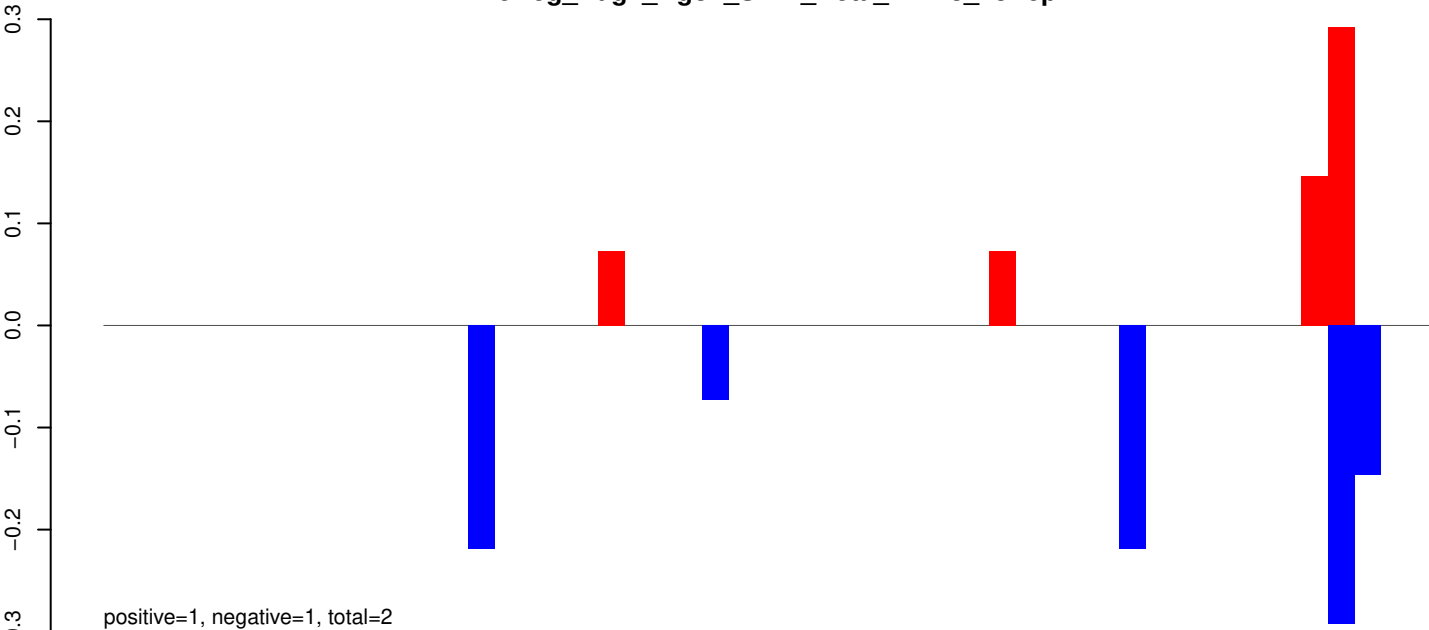


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**





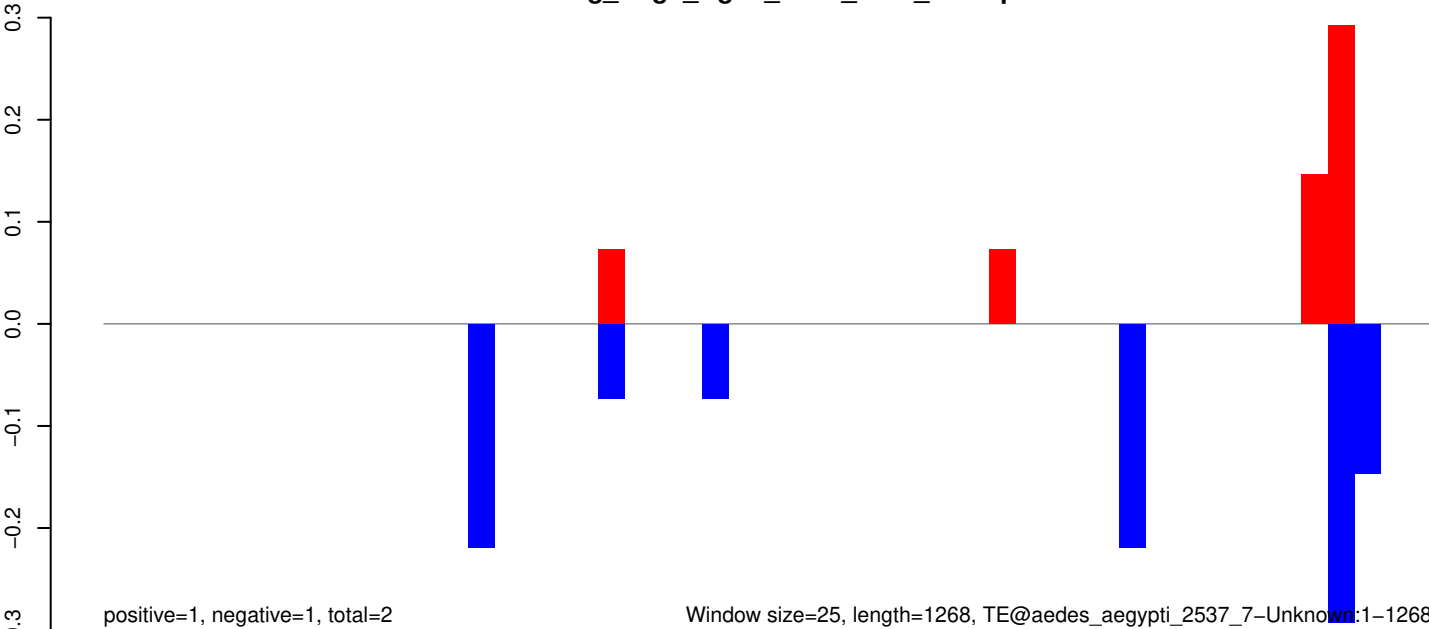
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

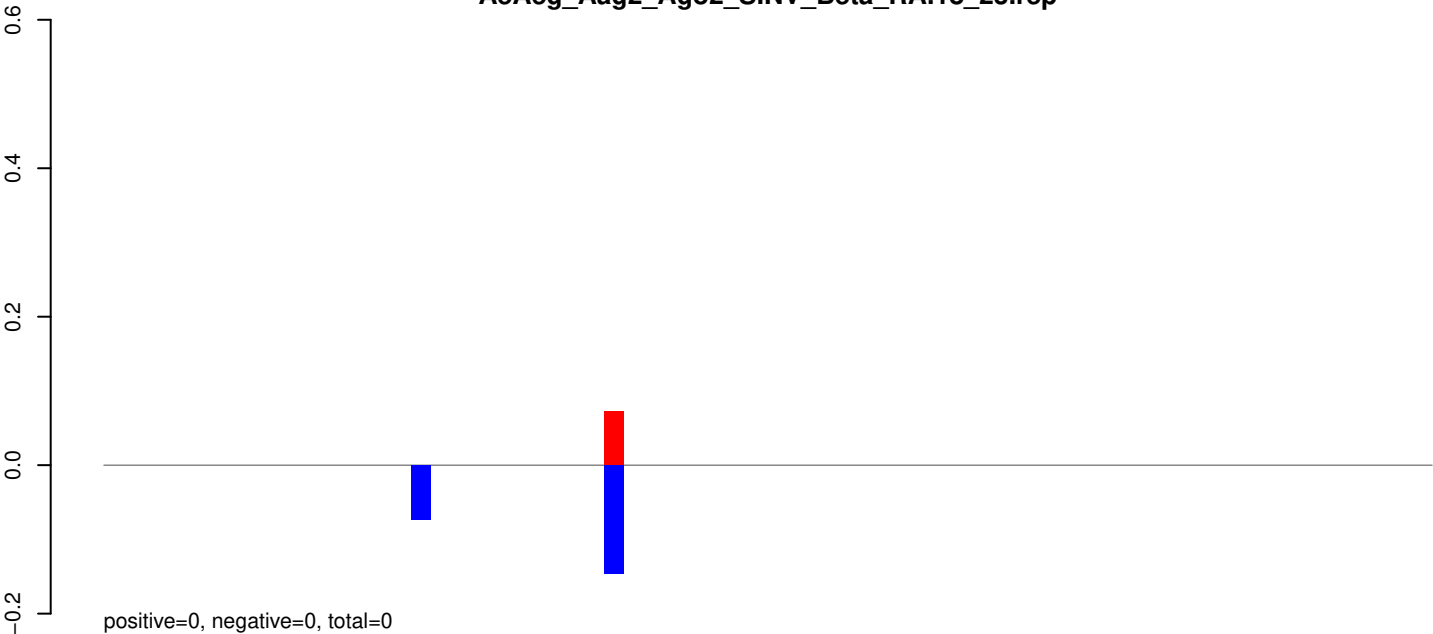


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

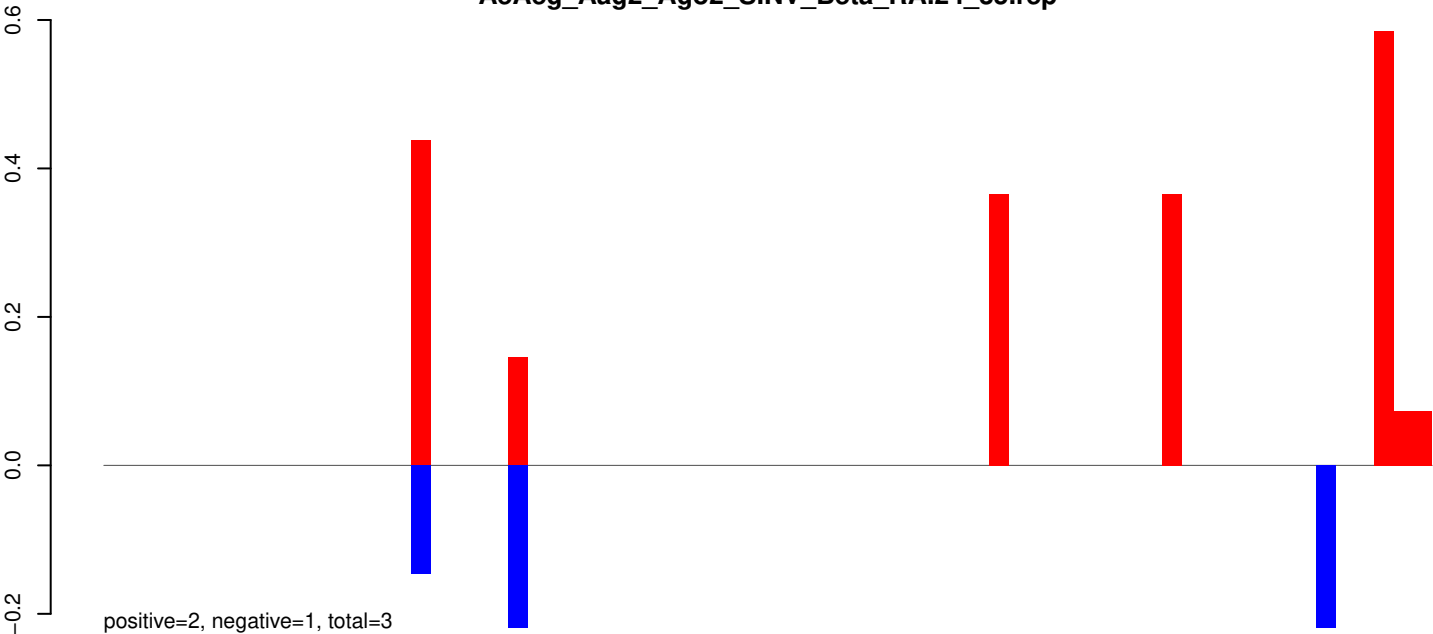


Window size=25, length=1268, TE@aedes\_aegypti\_2537\_7-Unknown:1-1268

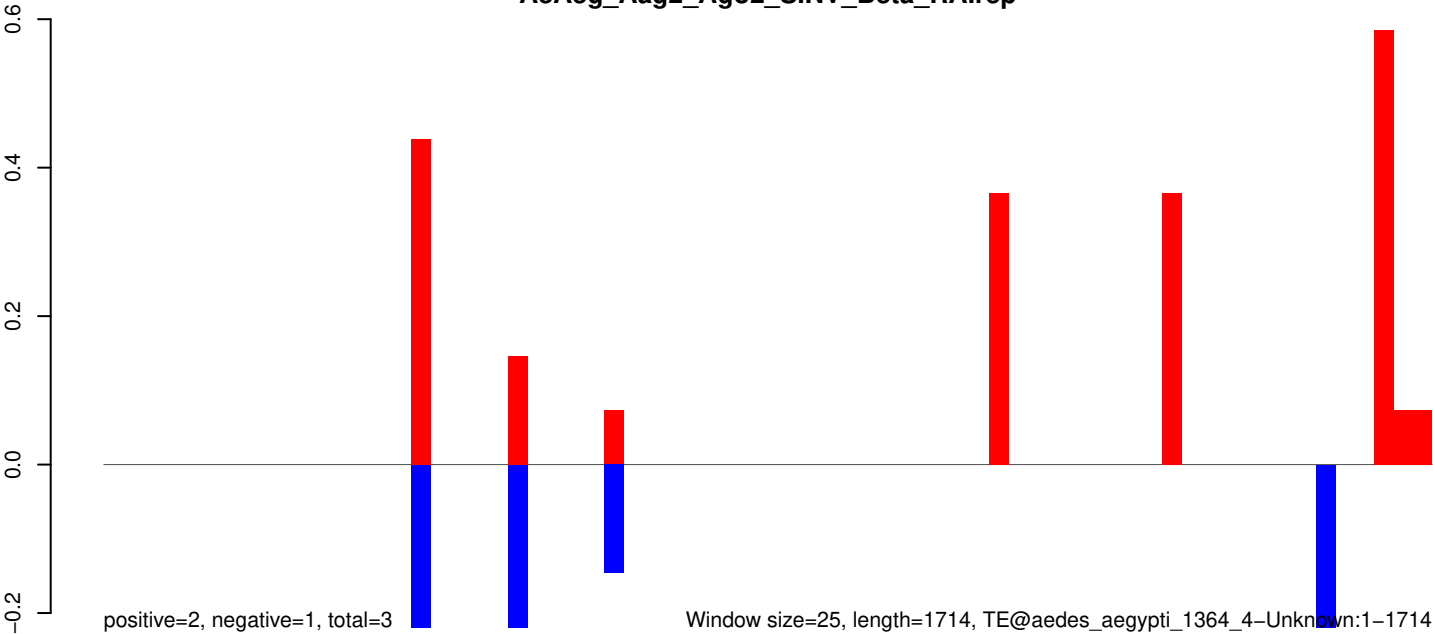
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

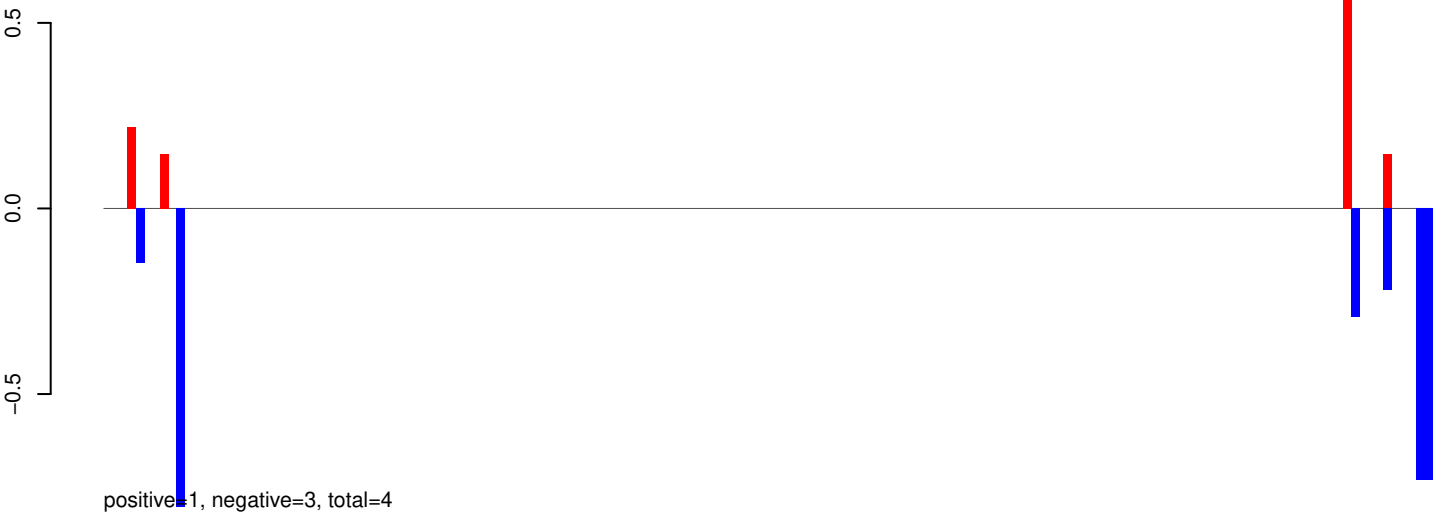


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

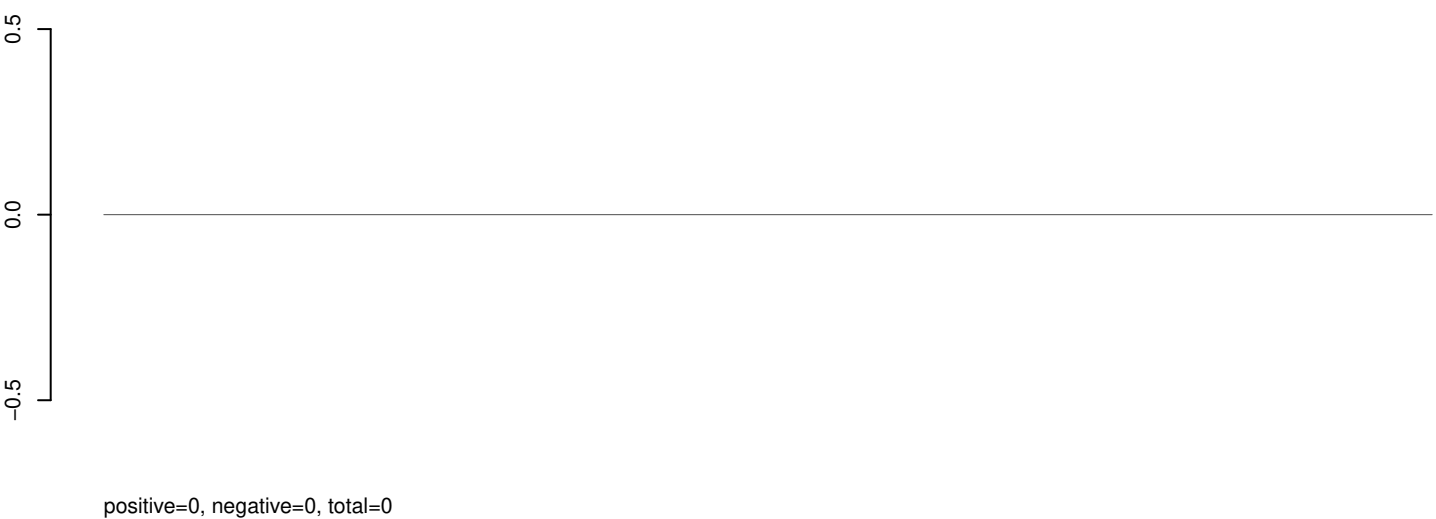


Window size=25, length=1714, TE@aedes\_aegypti\_1364\_4-Unknown:1-1714

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

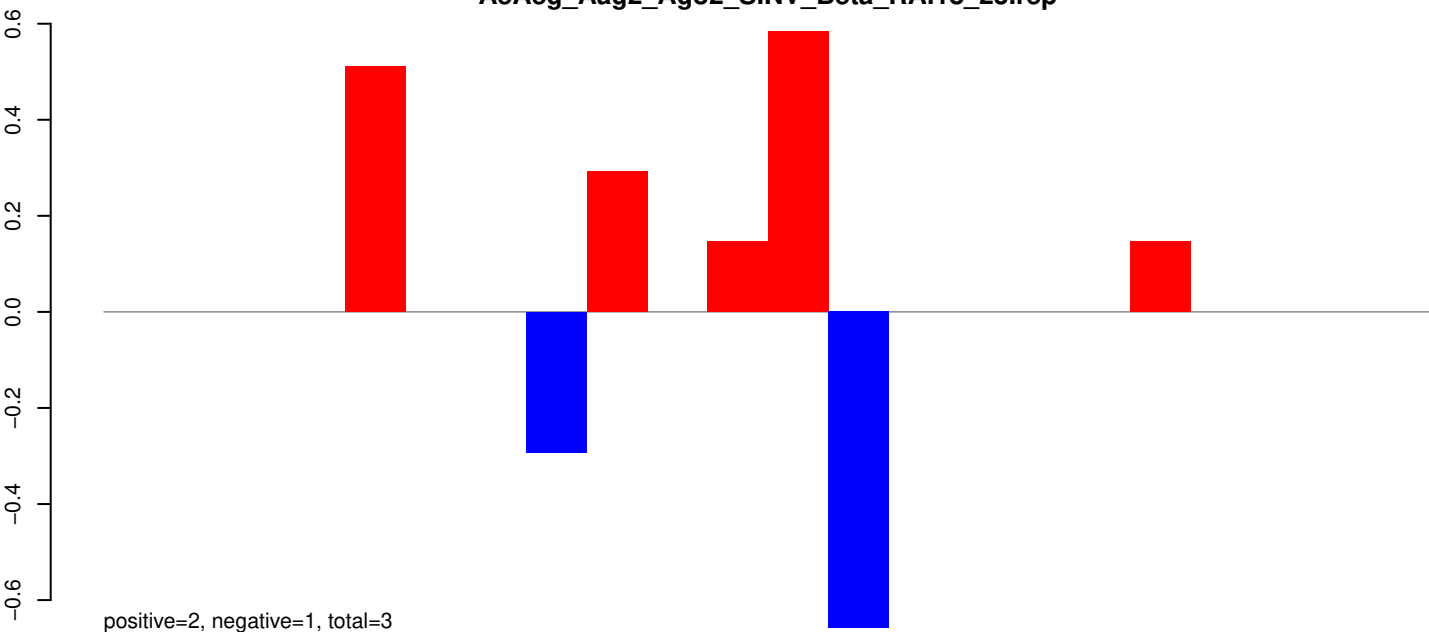


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=4107, TE@Transib-6\_AAe:1-4107

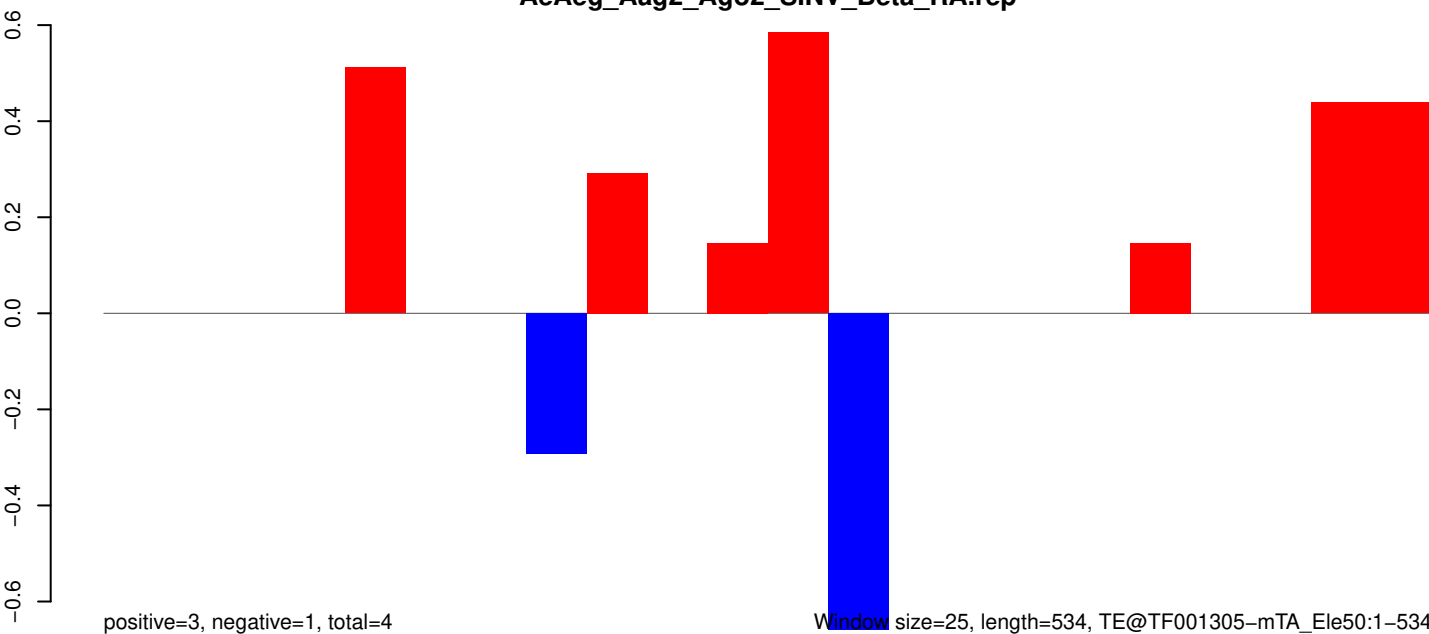
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



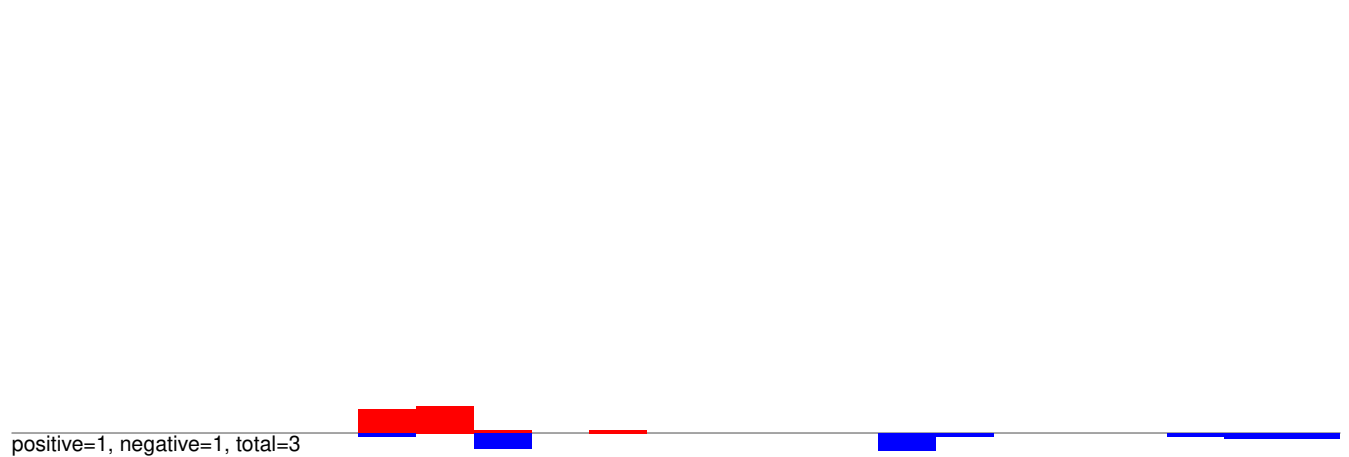
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



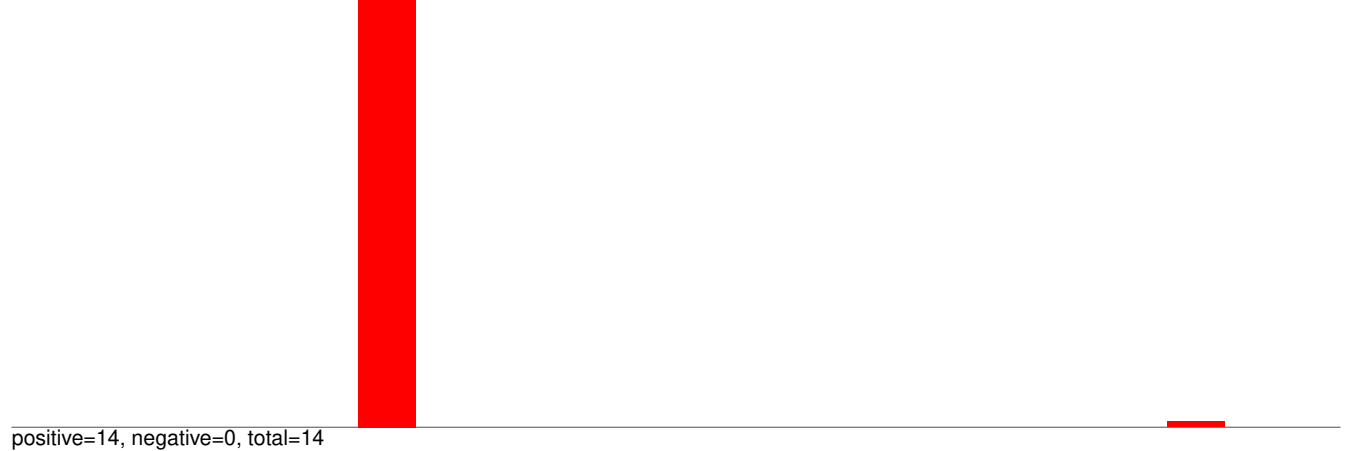
Window size=25, length=534, TE@TF001305-mTA\_Ele50:1-534

100 200 300 400 500

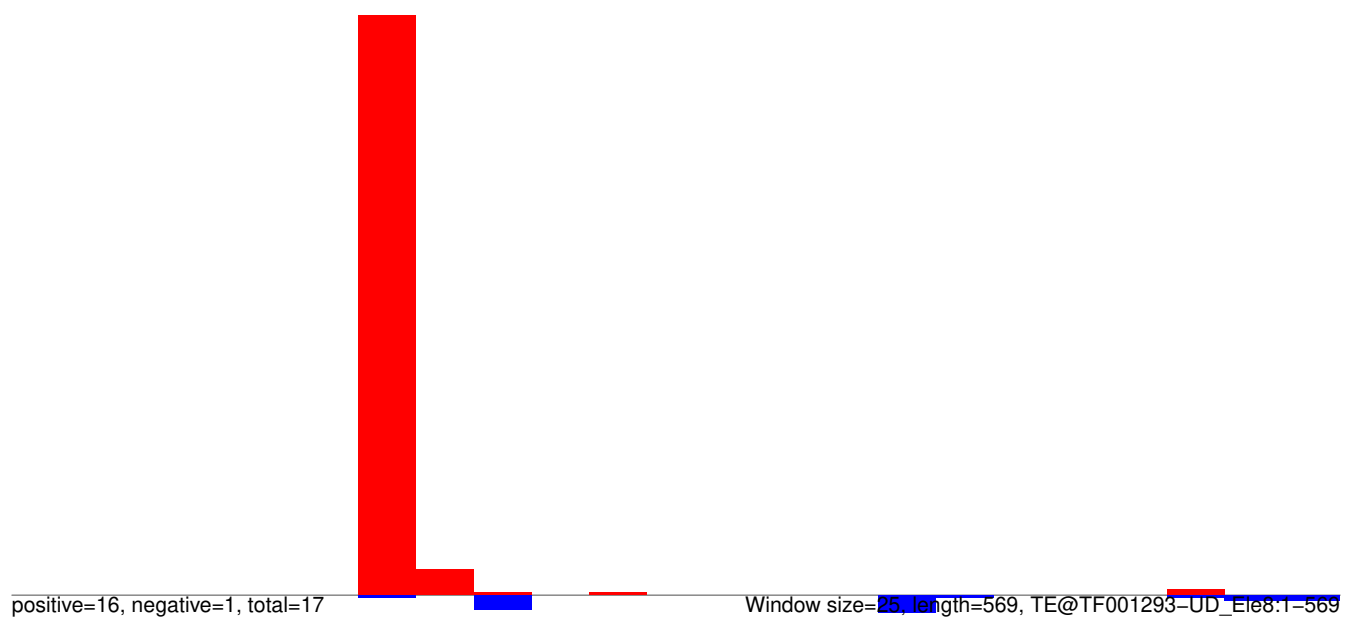
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



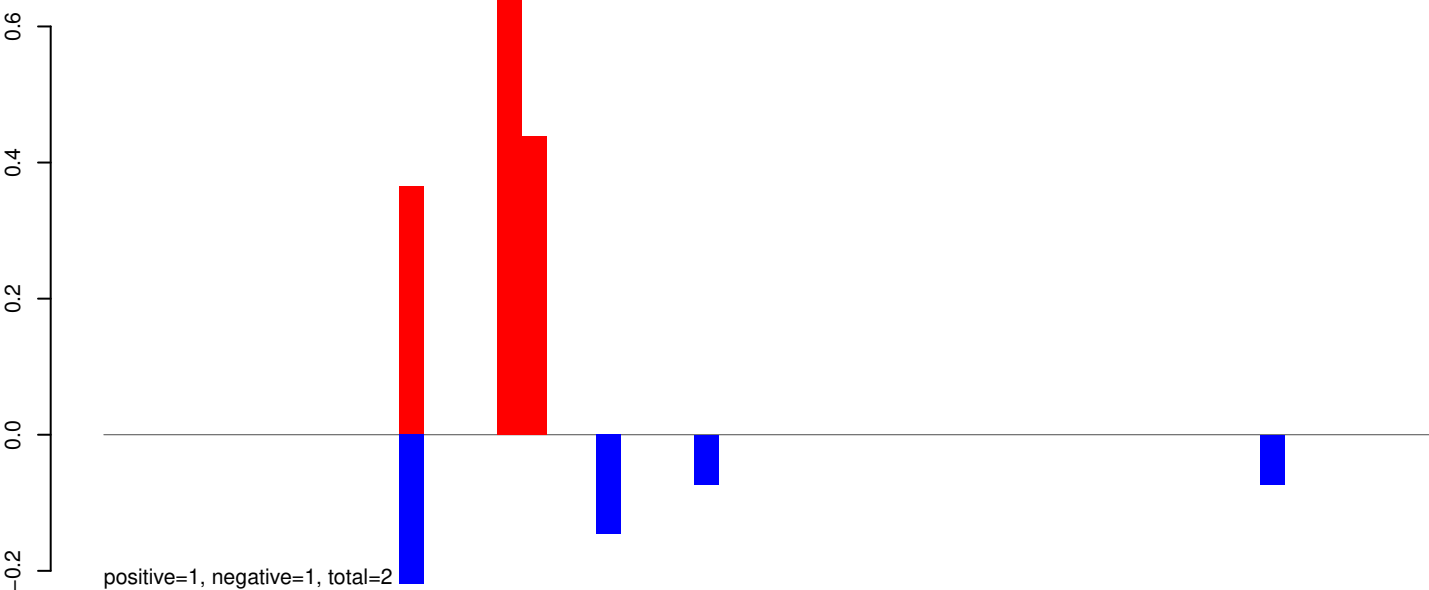
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



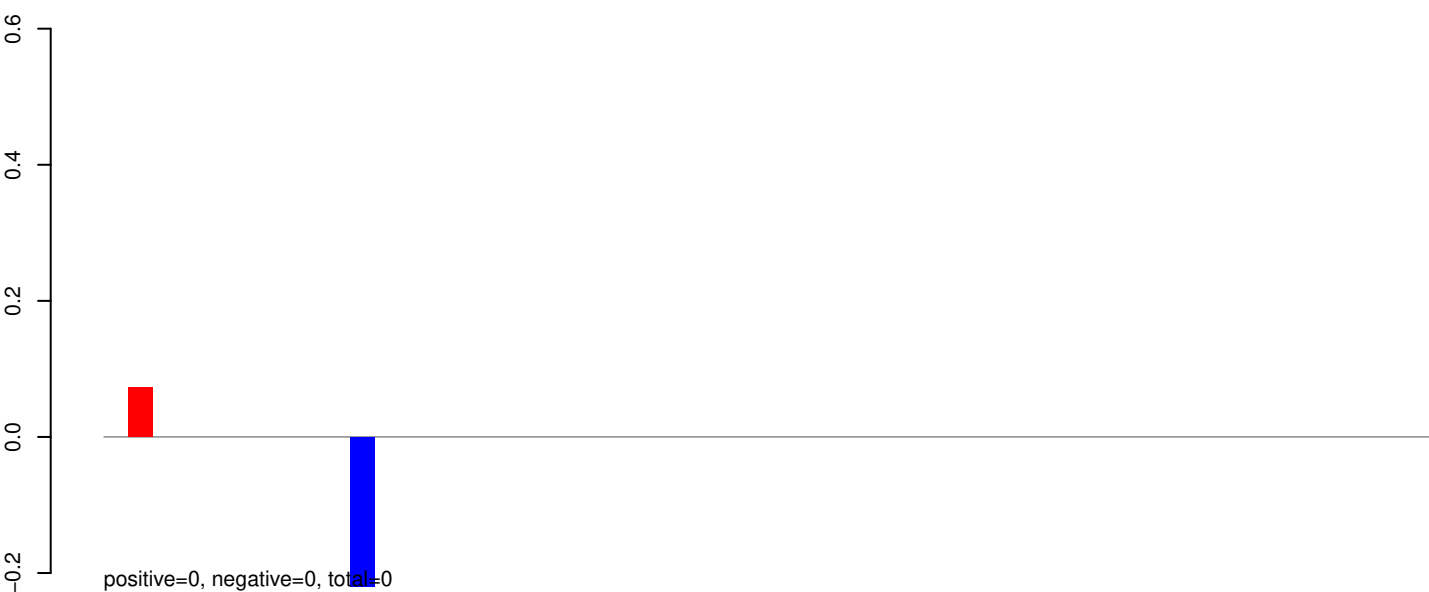
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



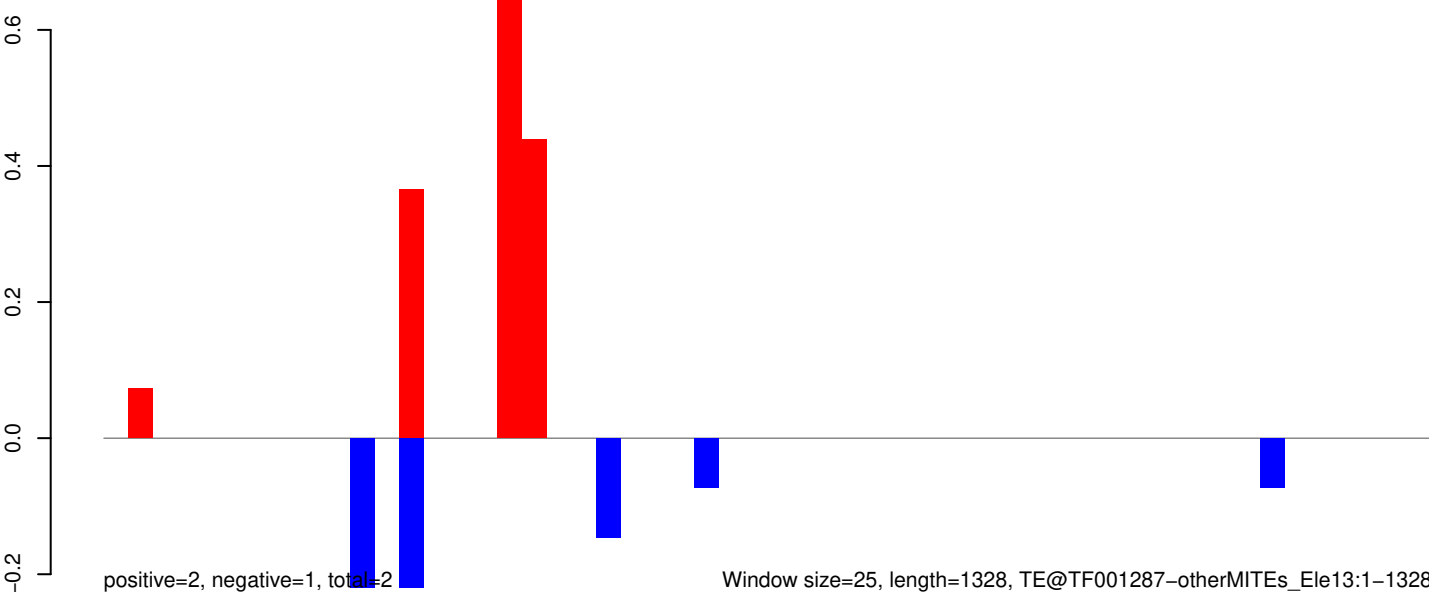
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



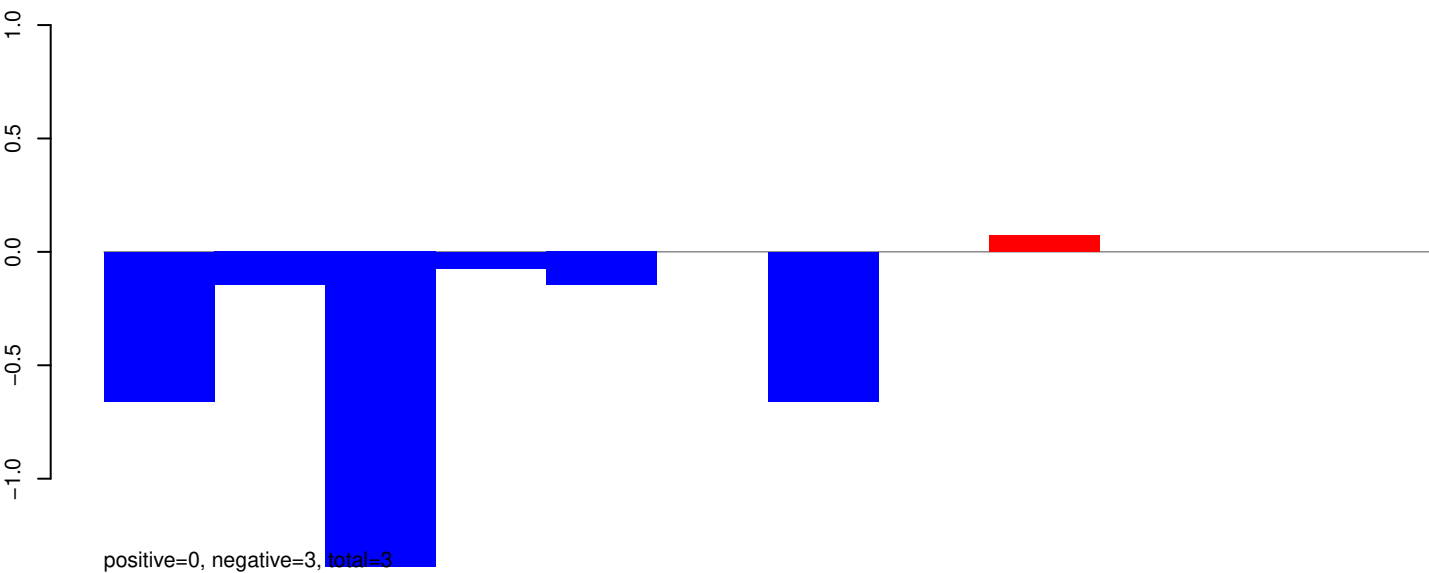
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



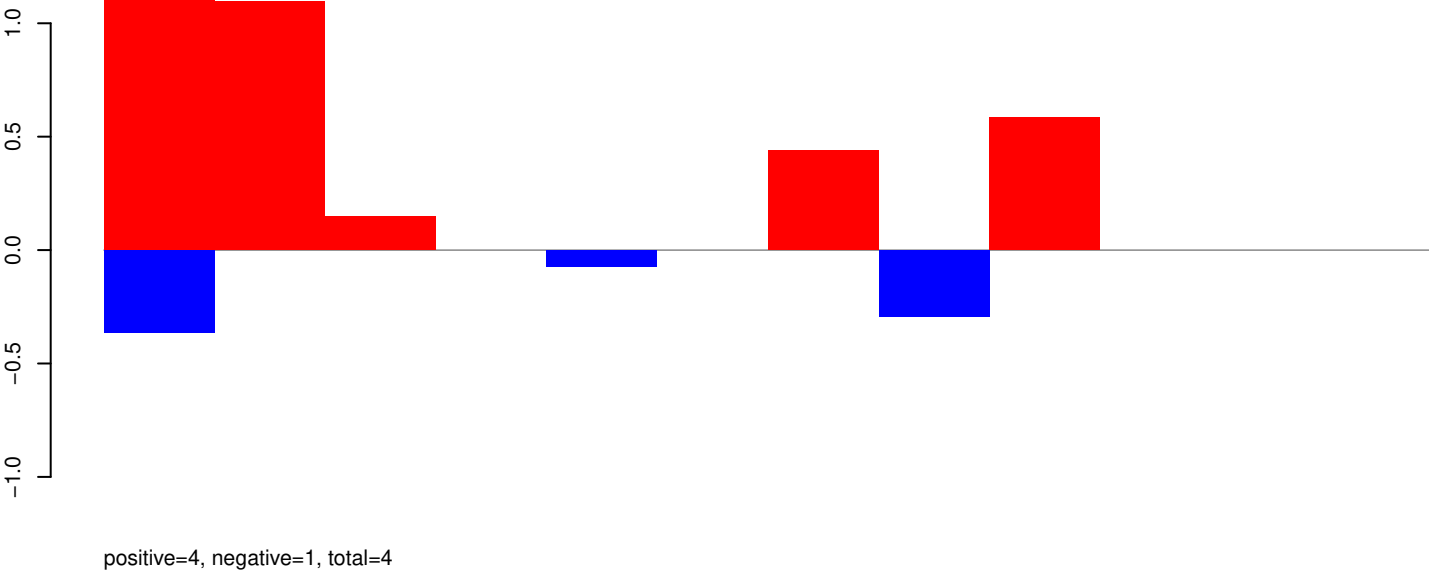
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



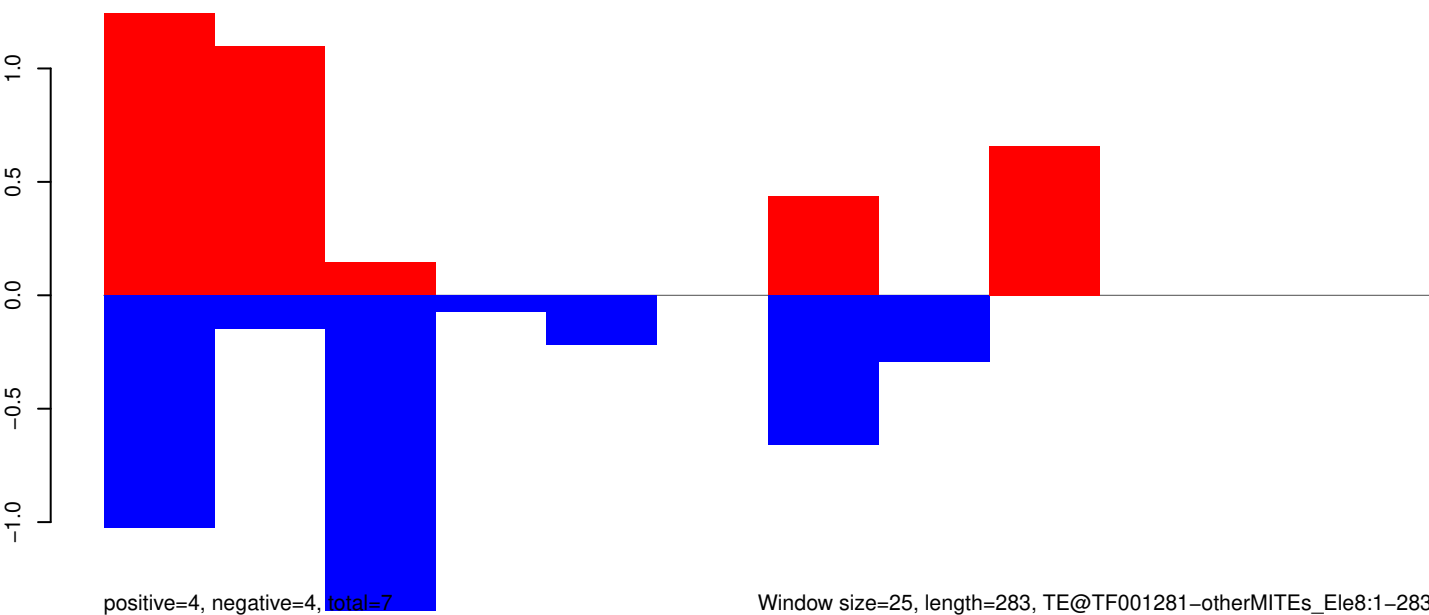
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

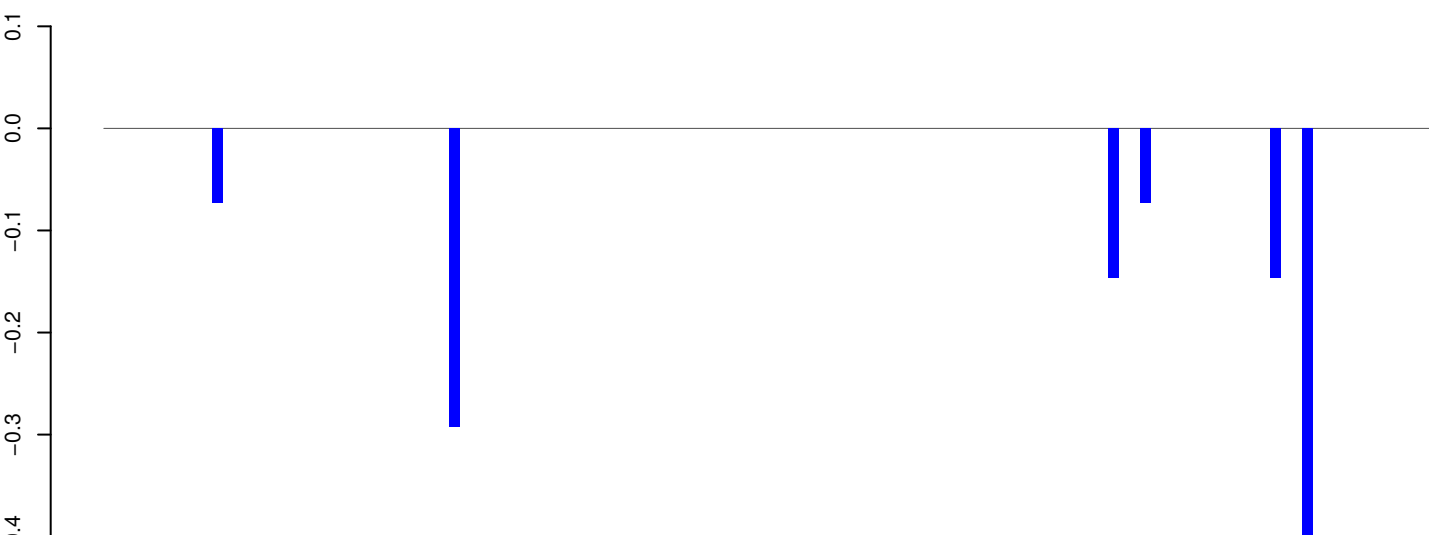


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



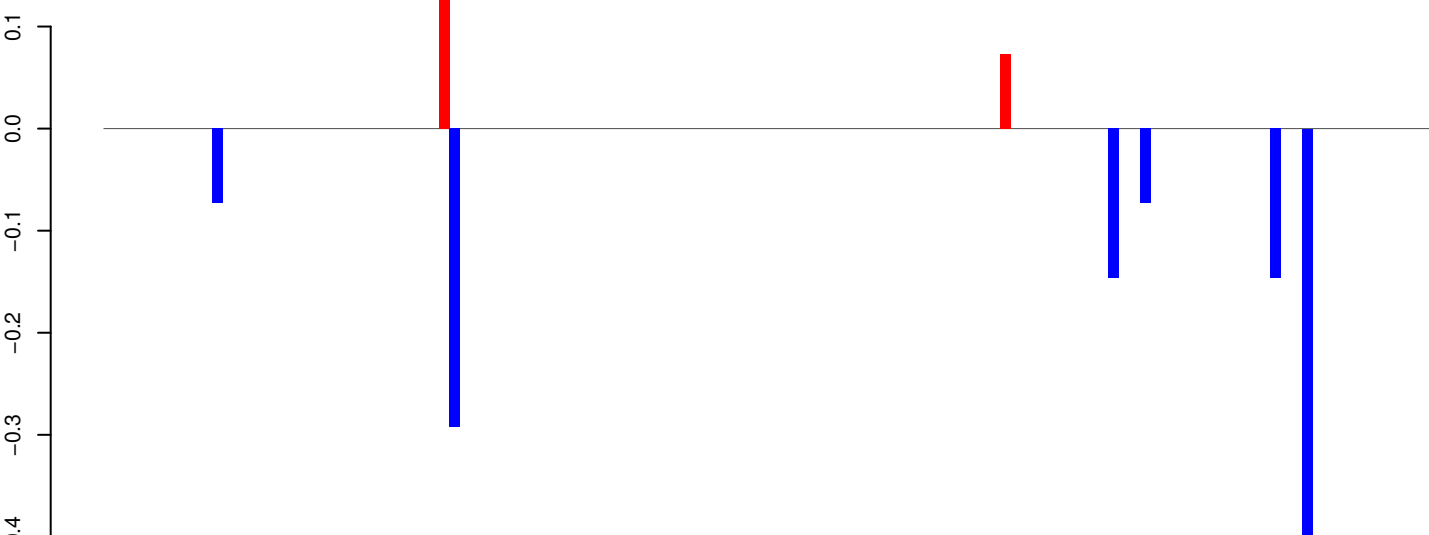
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=1, total=1

Window size=25, length=3066, TE@TF001113-Ty1\_copia\_Ele186:1-3066

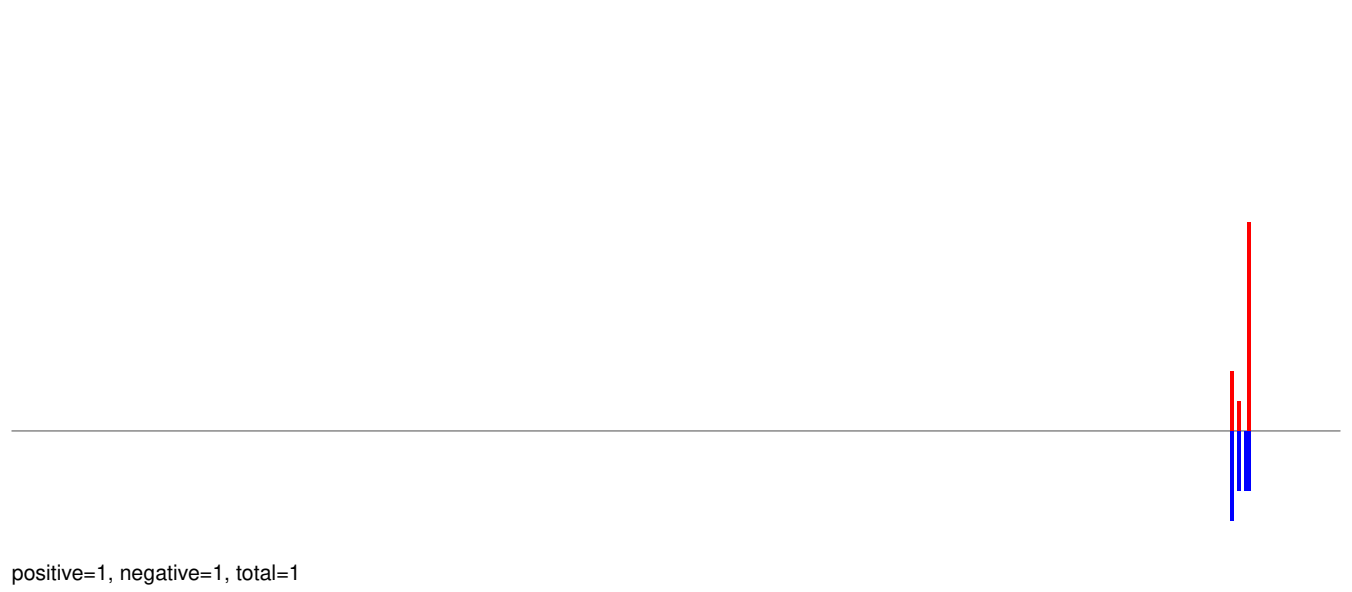
0 500 1000 1500 2000 2500 3000



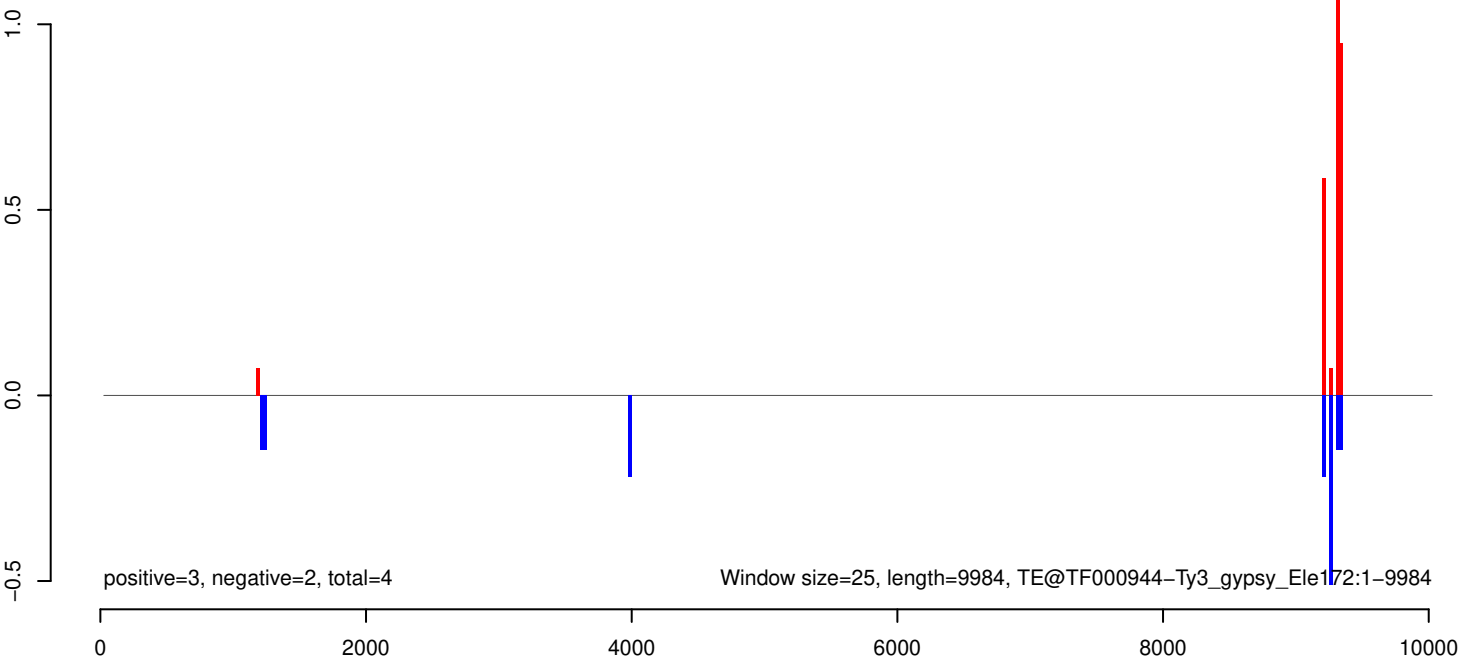
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



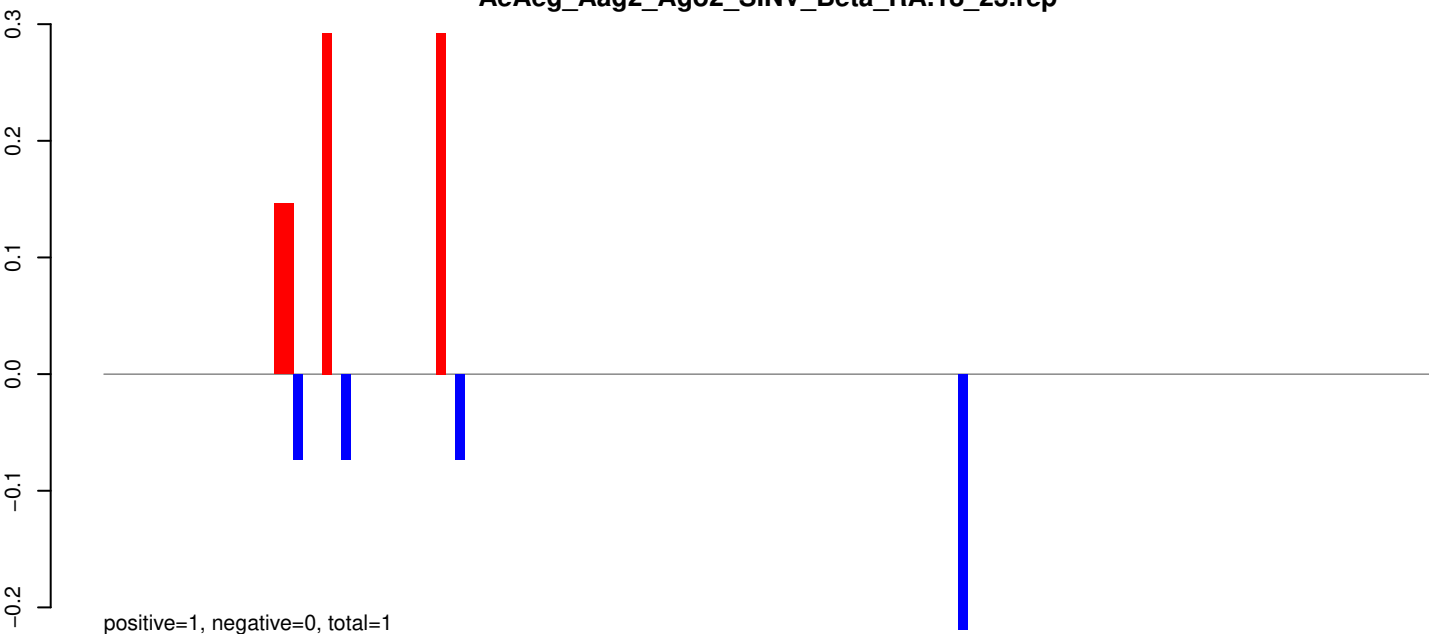
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

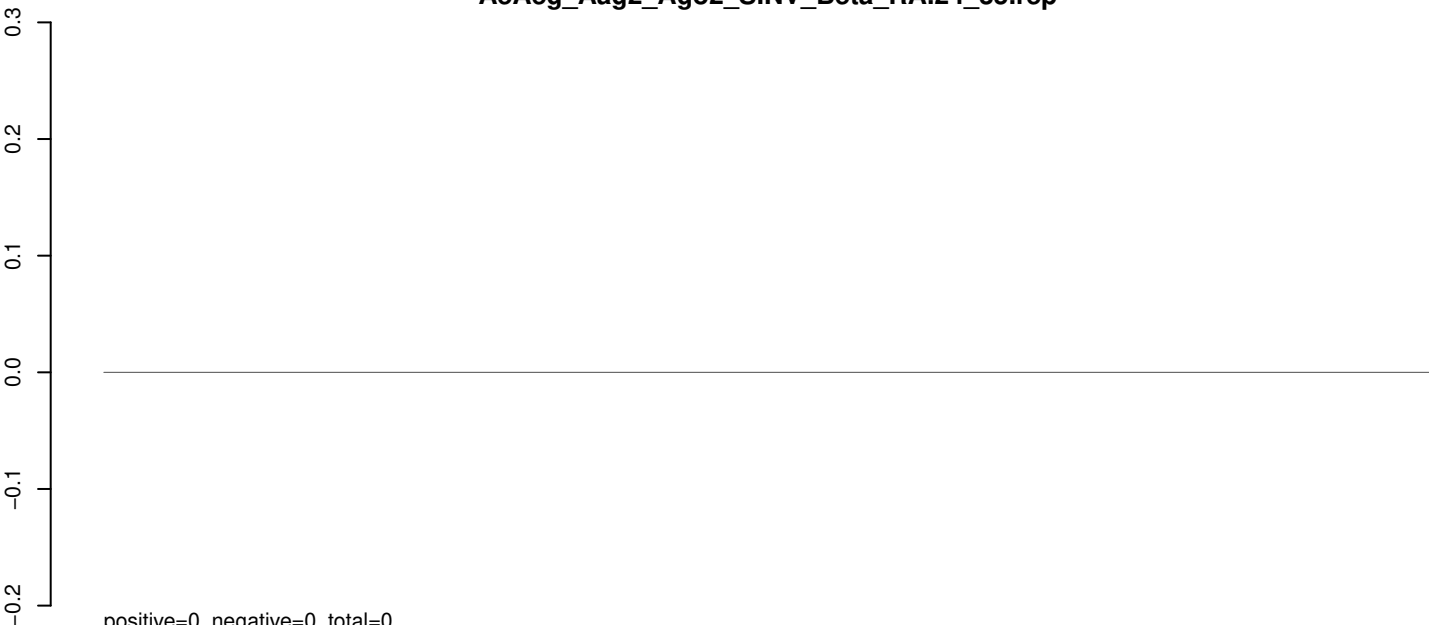


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



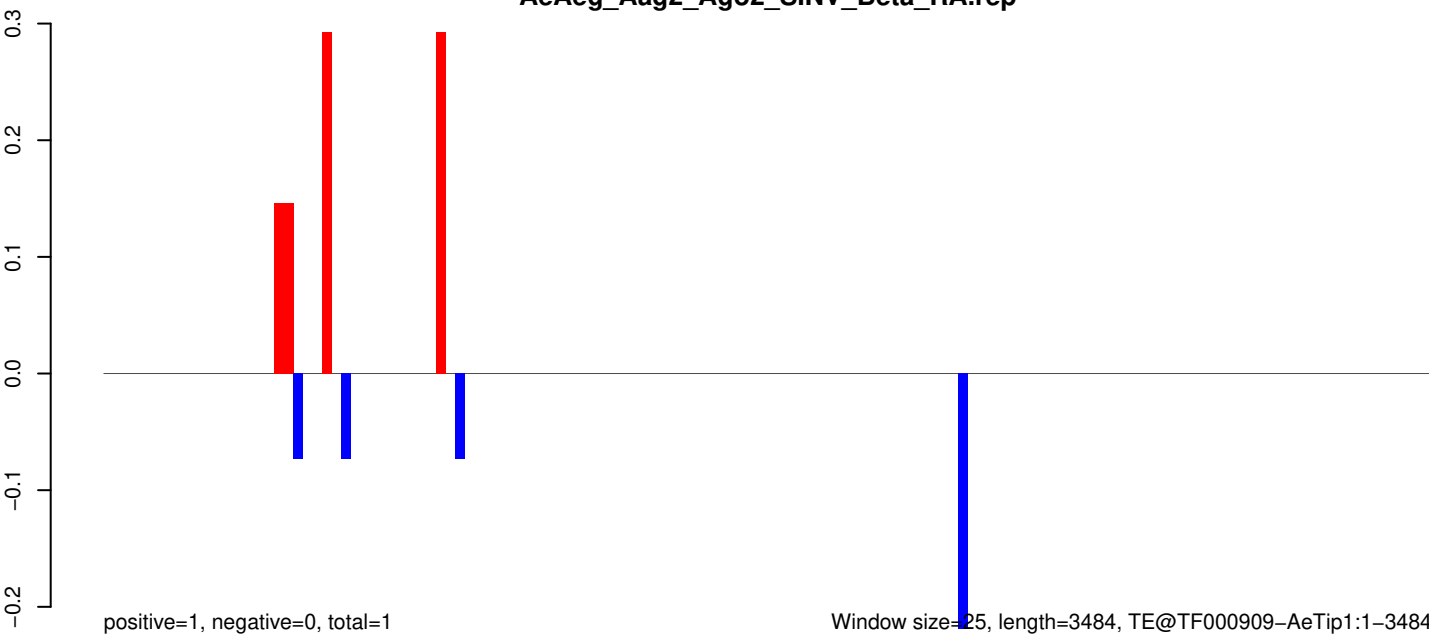
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

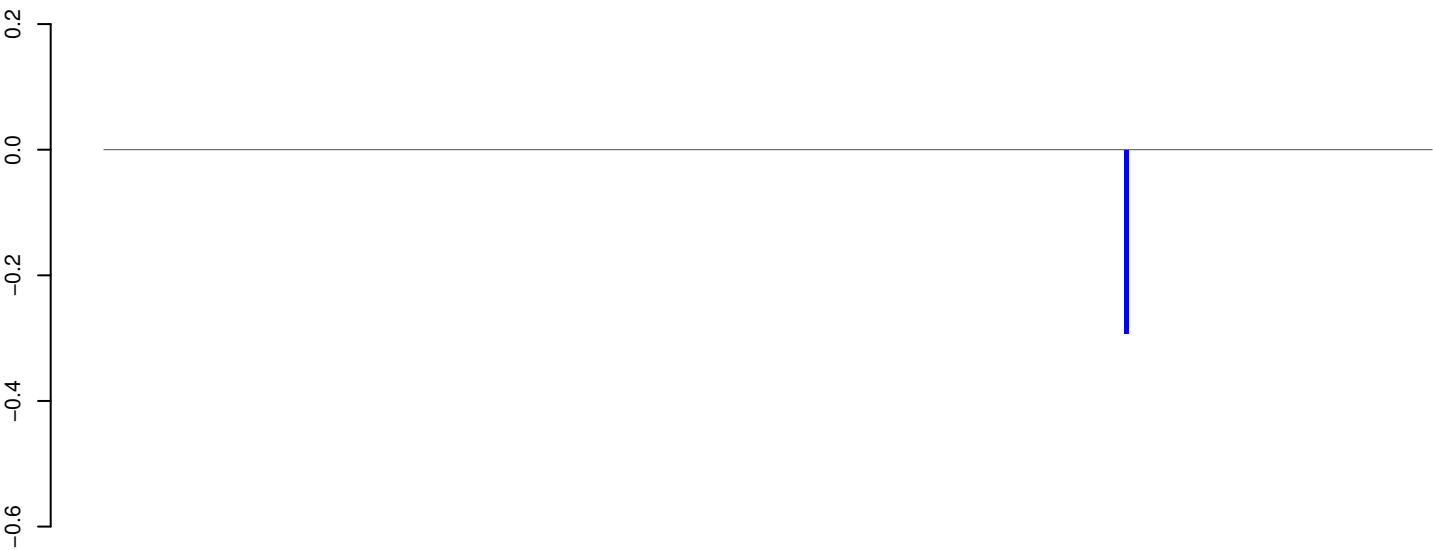


positive=1, negative=0, total=1

Window size=25, length=3484, TE@TF000909-AeTip1:1-3484

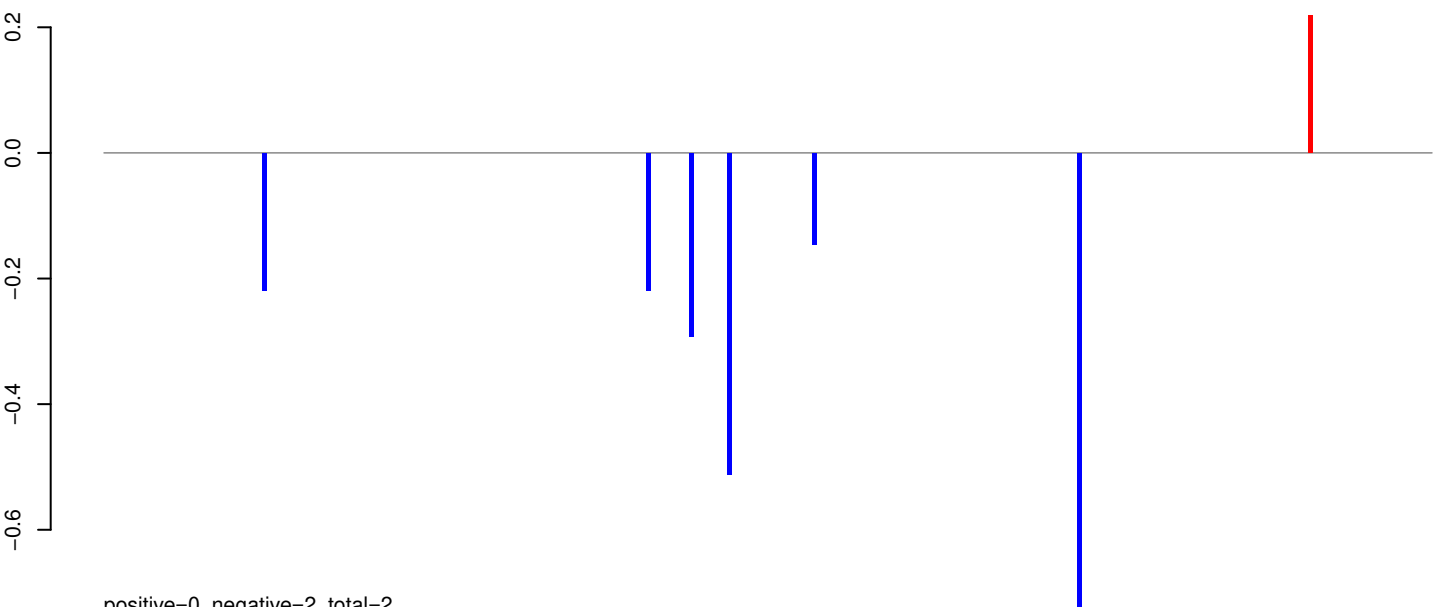
0 500 1000 1500 2000 2500 3000 3500

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



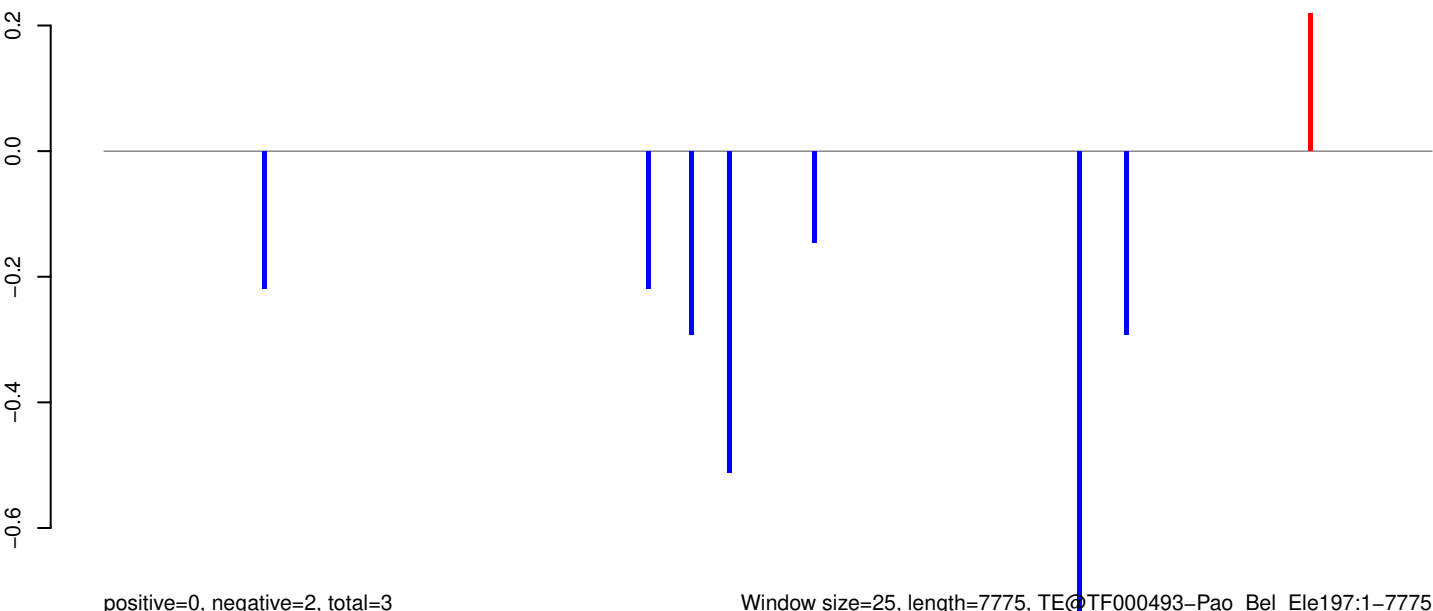
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=2, total=2

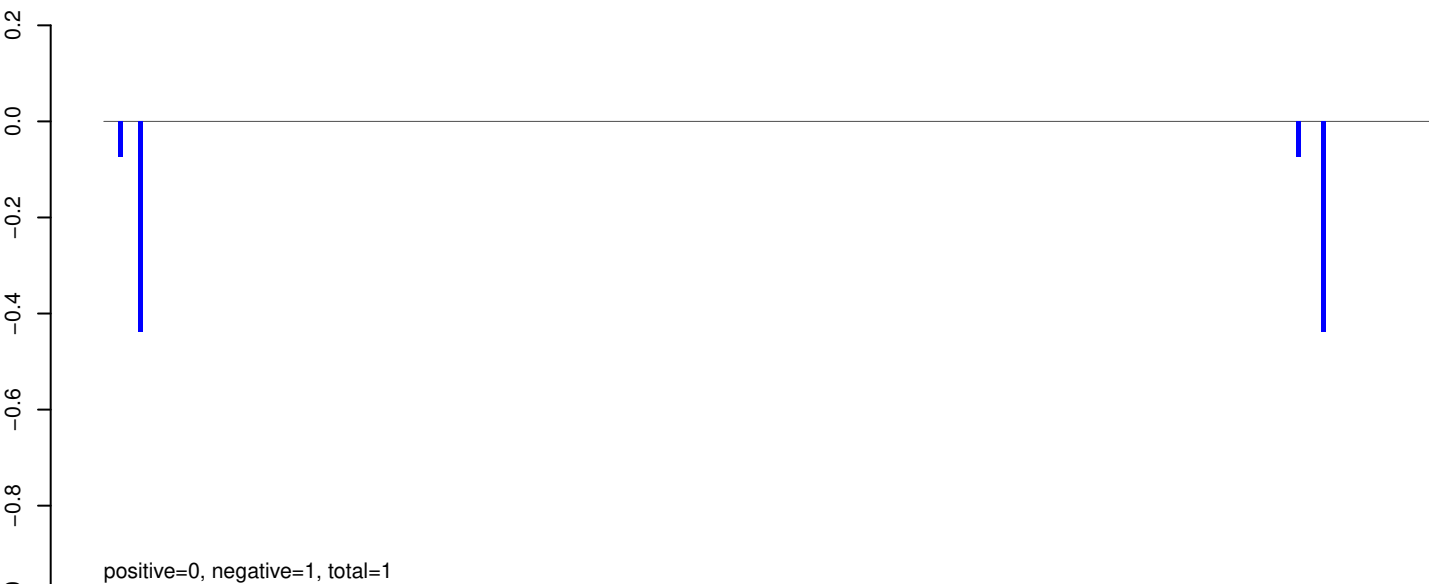
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



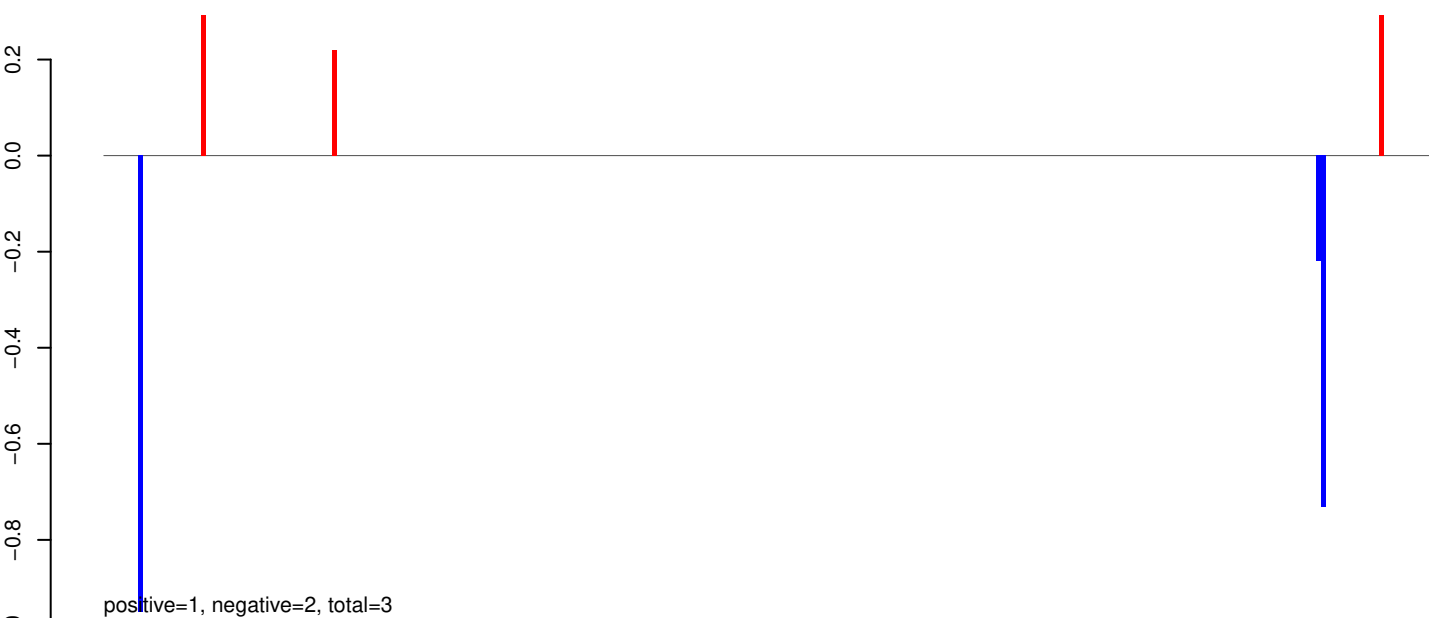
positive=0, negative=2, total=3

Window size=25, length=7775, TE@TF000493-Pao\_Bel\_Ele197:1-7775

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



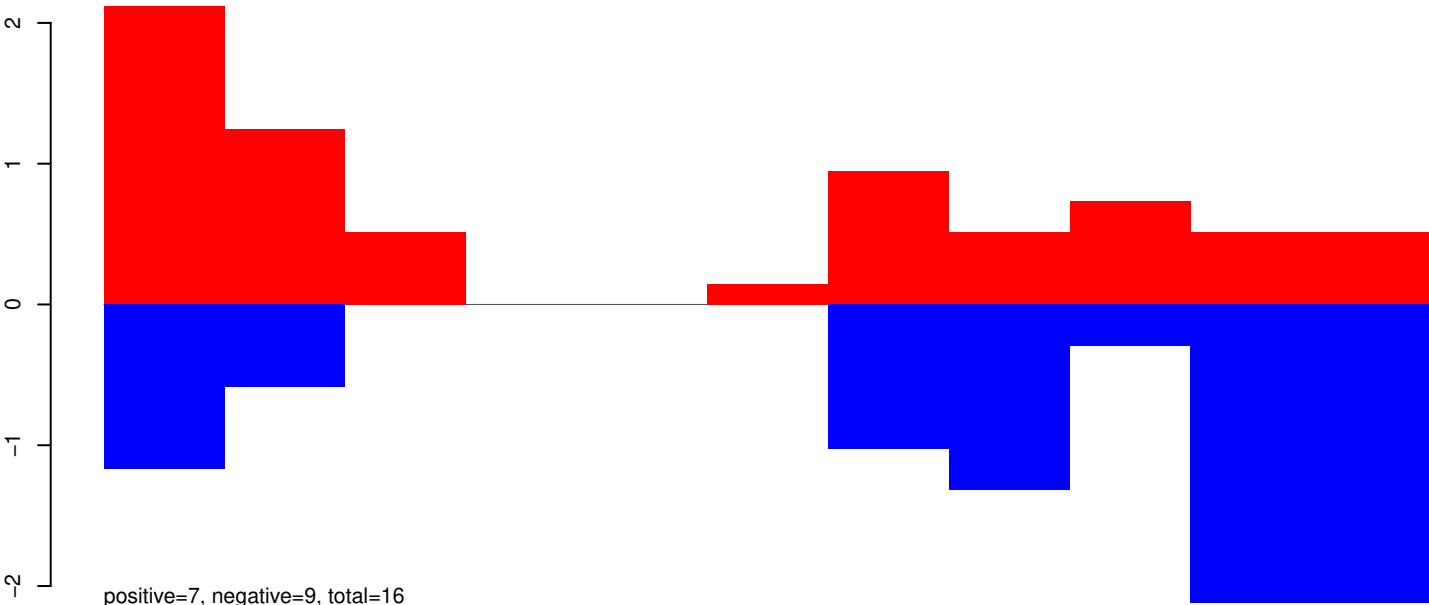
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



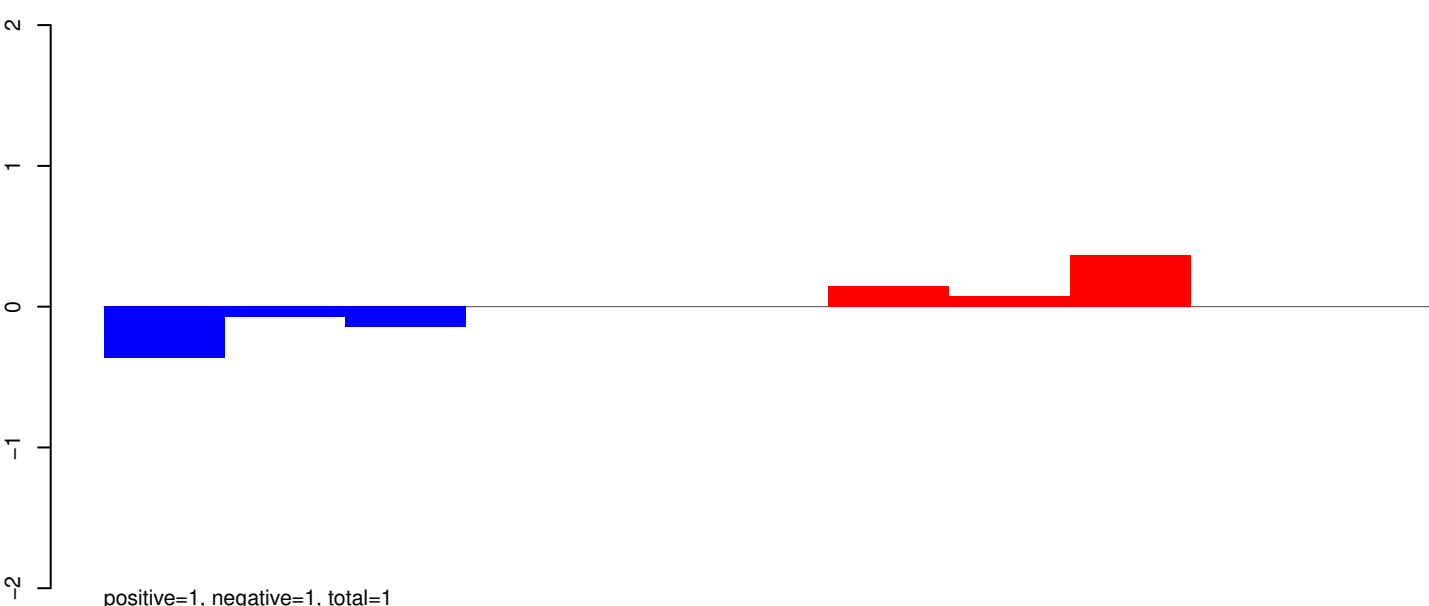
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



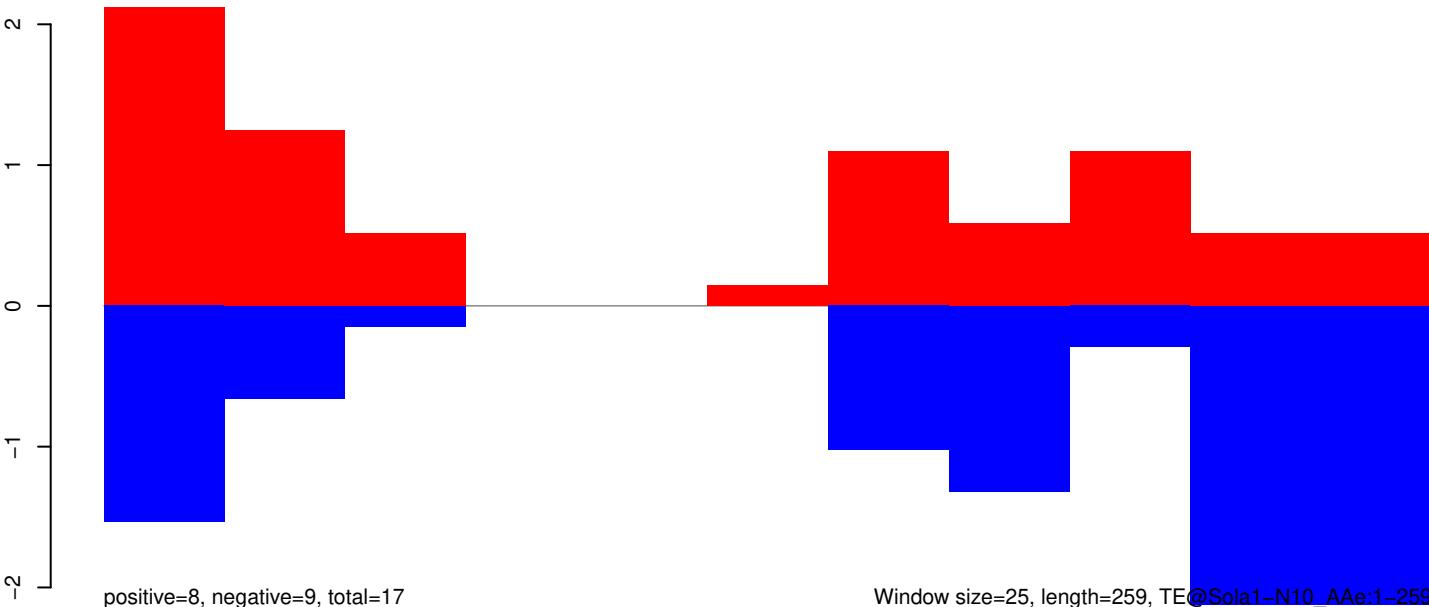
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



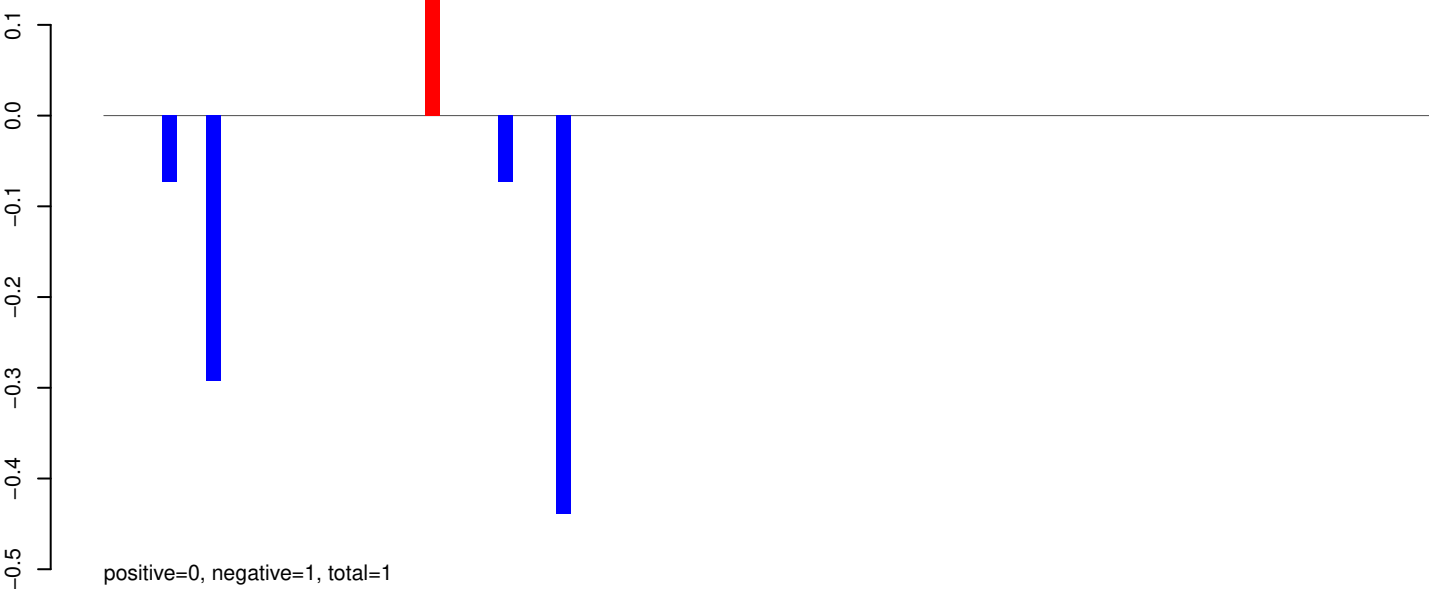
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



Window size=25, length=259, TE@Sola1-N10\_AAe:1-259

50 100 150 200 250 300

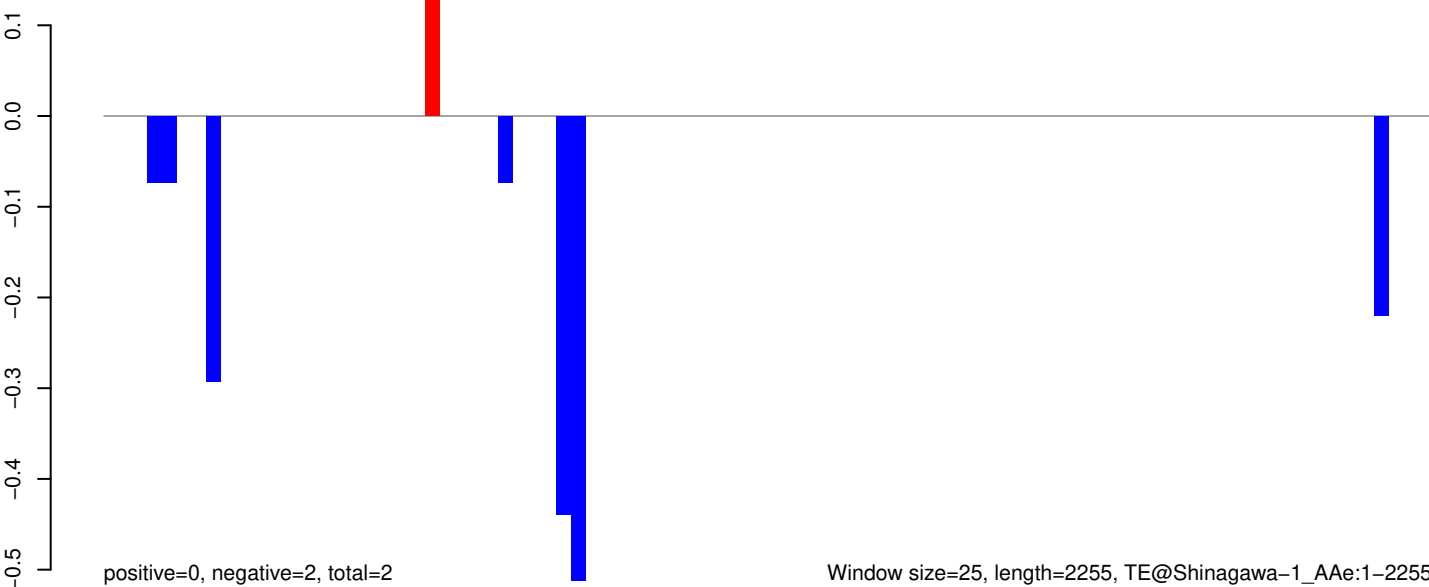
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

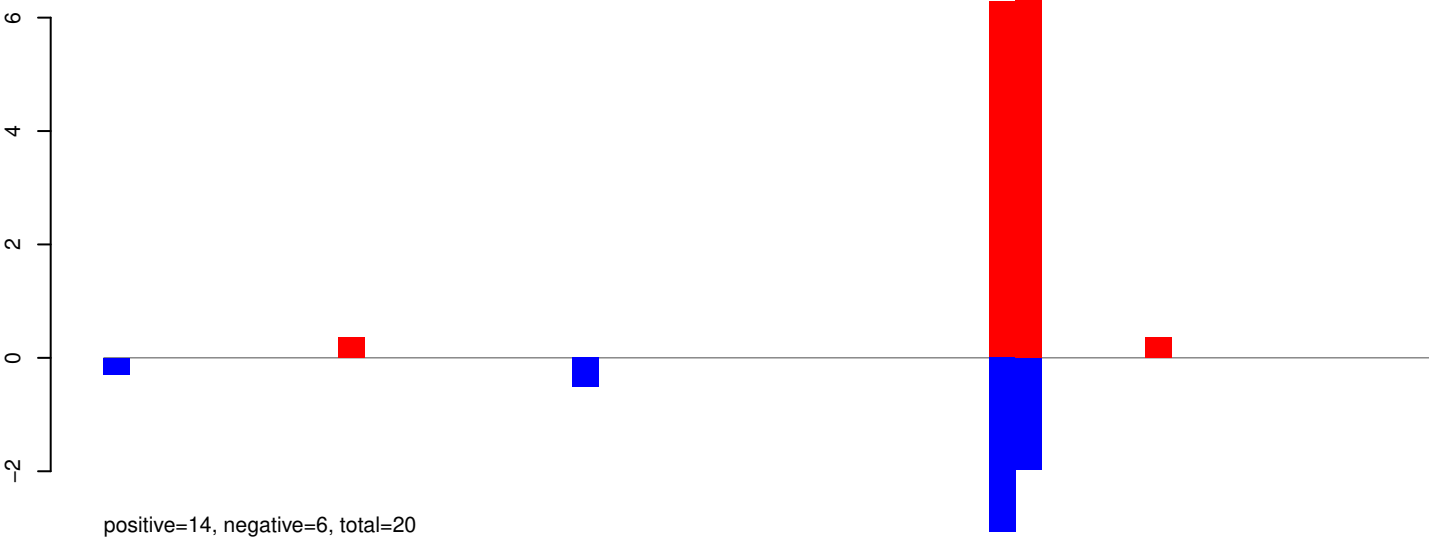


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

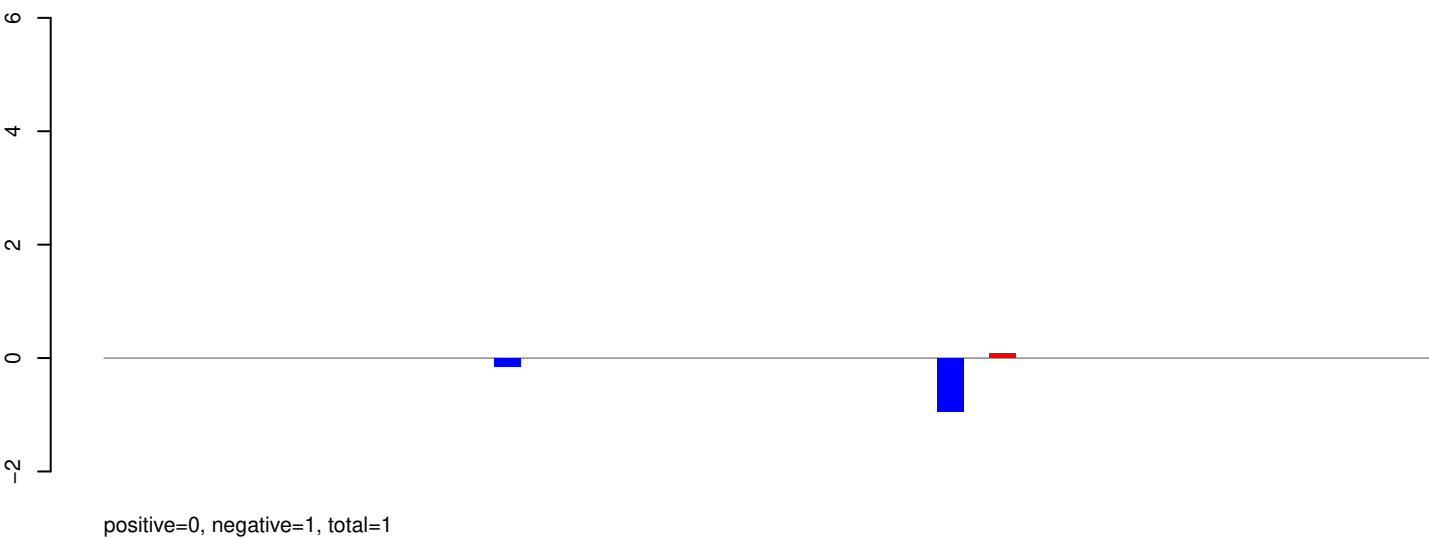


Window size=25, length=2255, TE@Shinagawa-1\_A Ae:1-2255

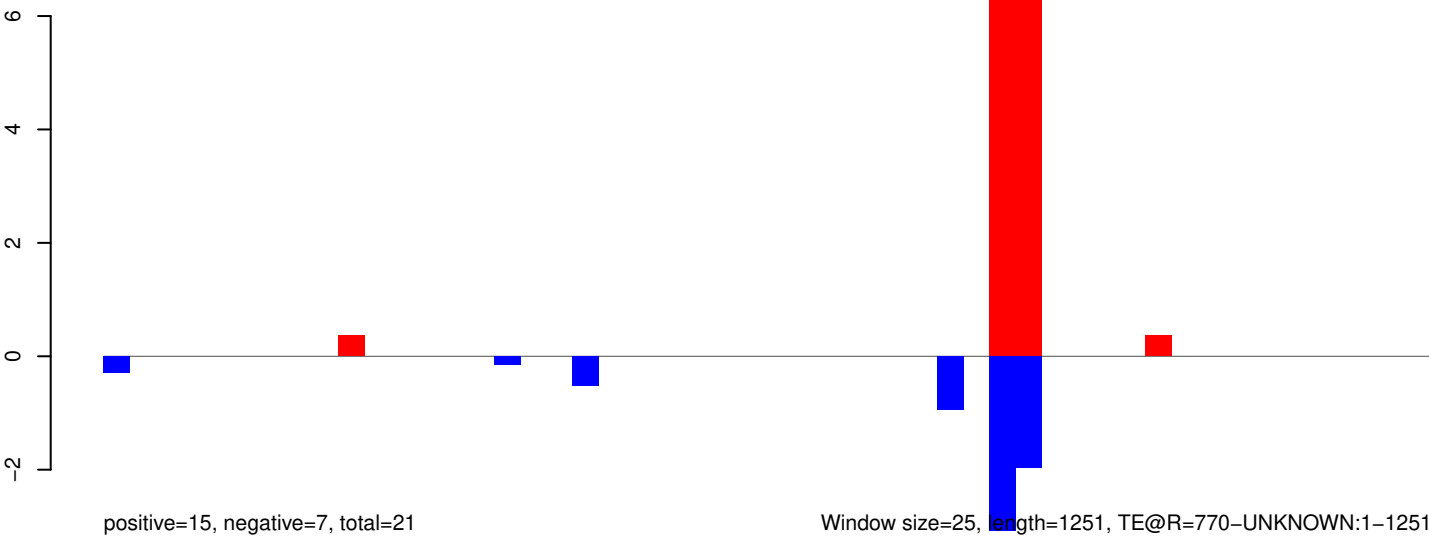
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

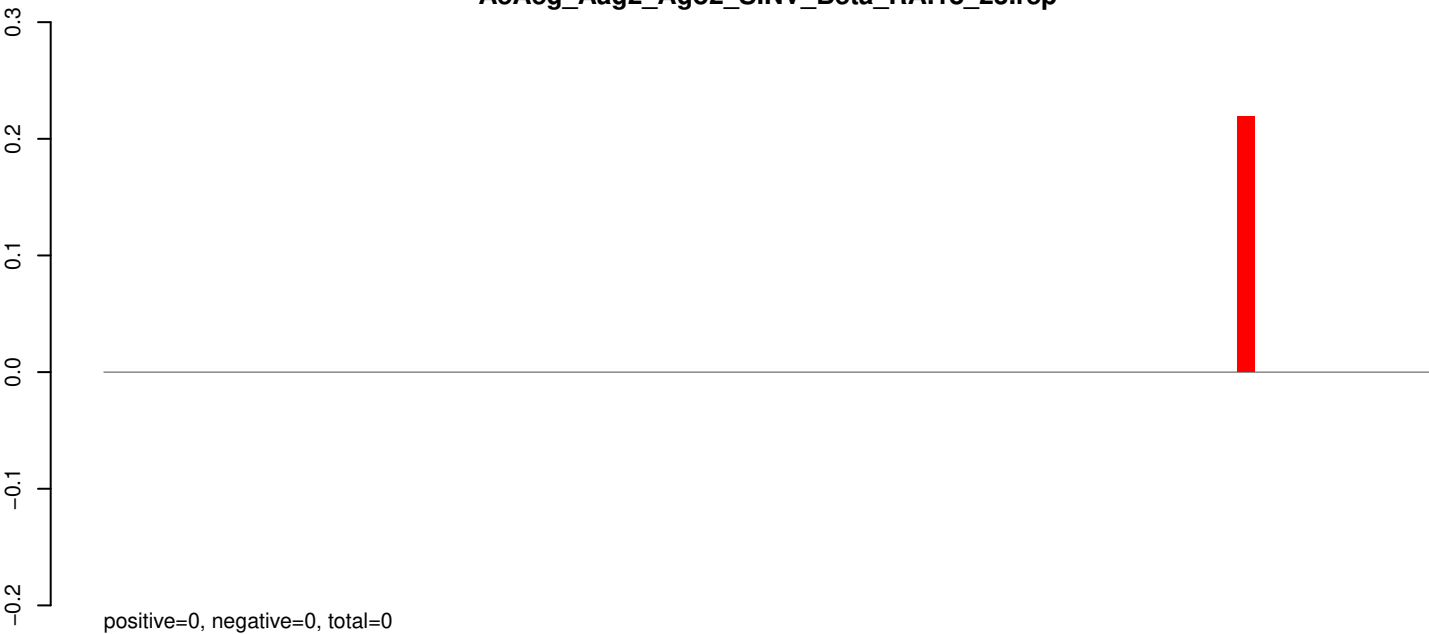


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

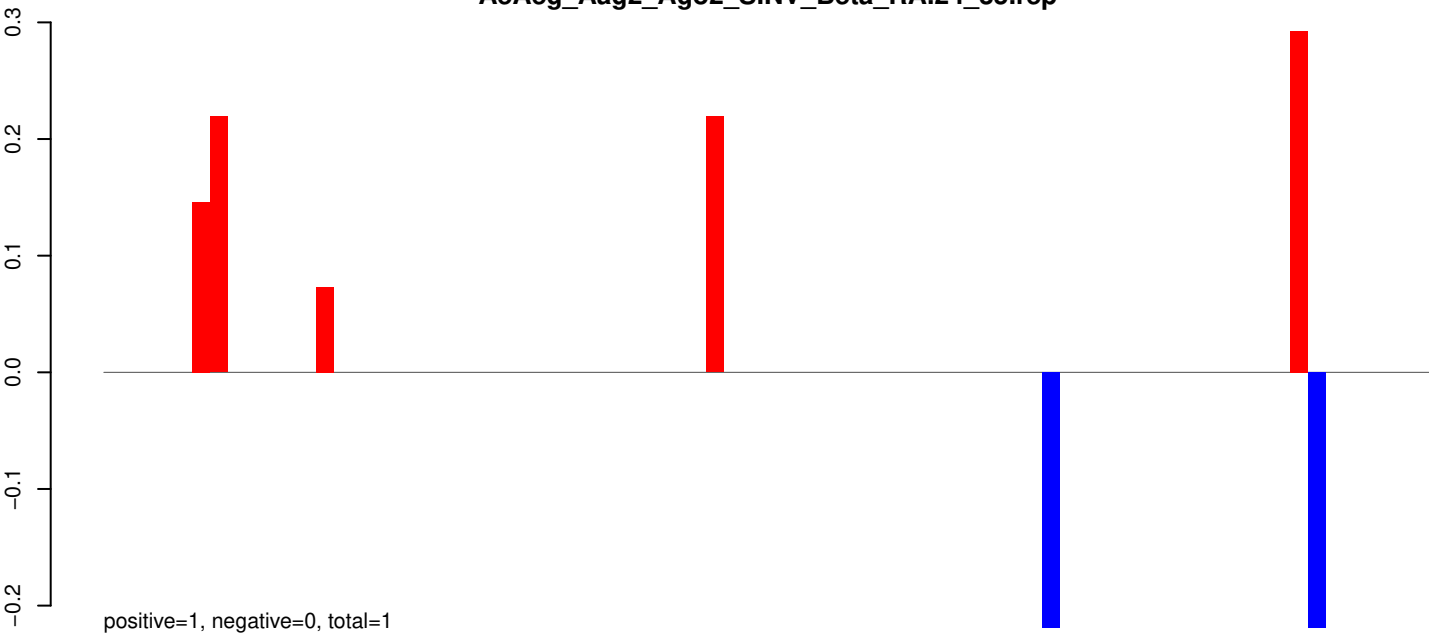


Window size=25, length=1251, TE@R=770-UNKNOWN:1-1251

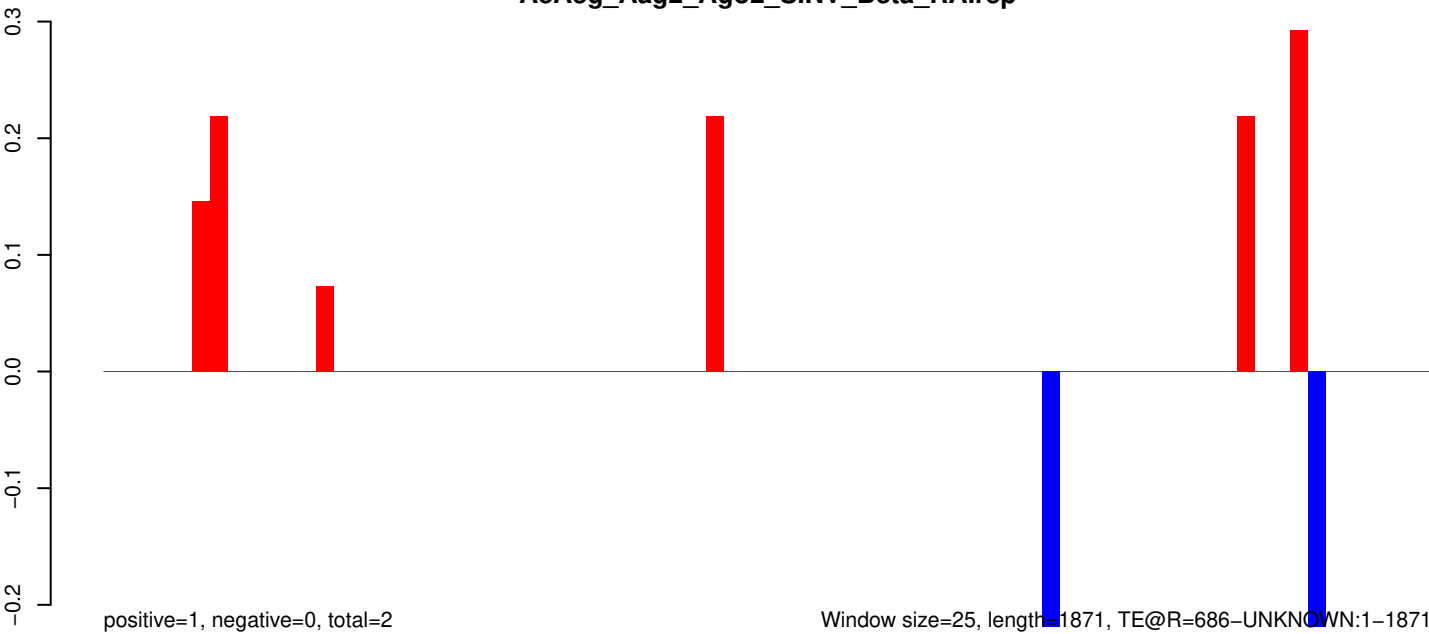
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



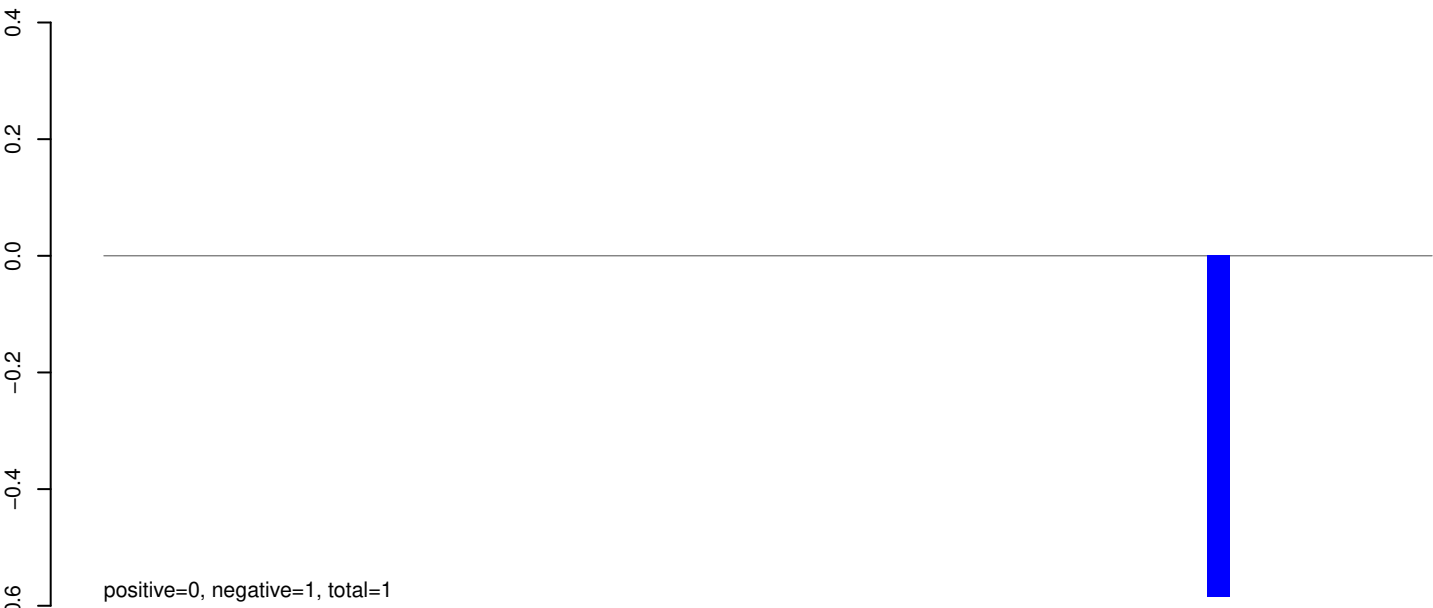
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



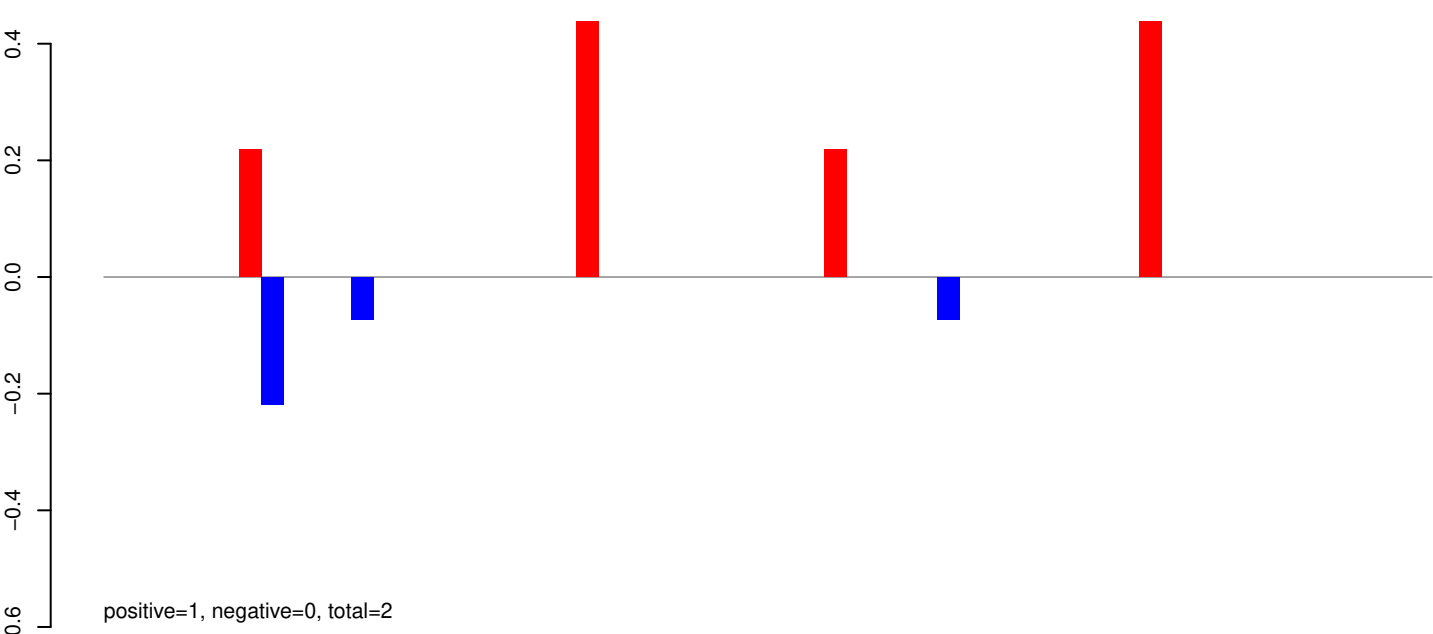
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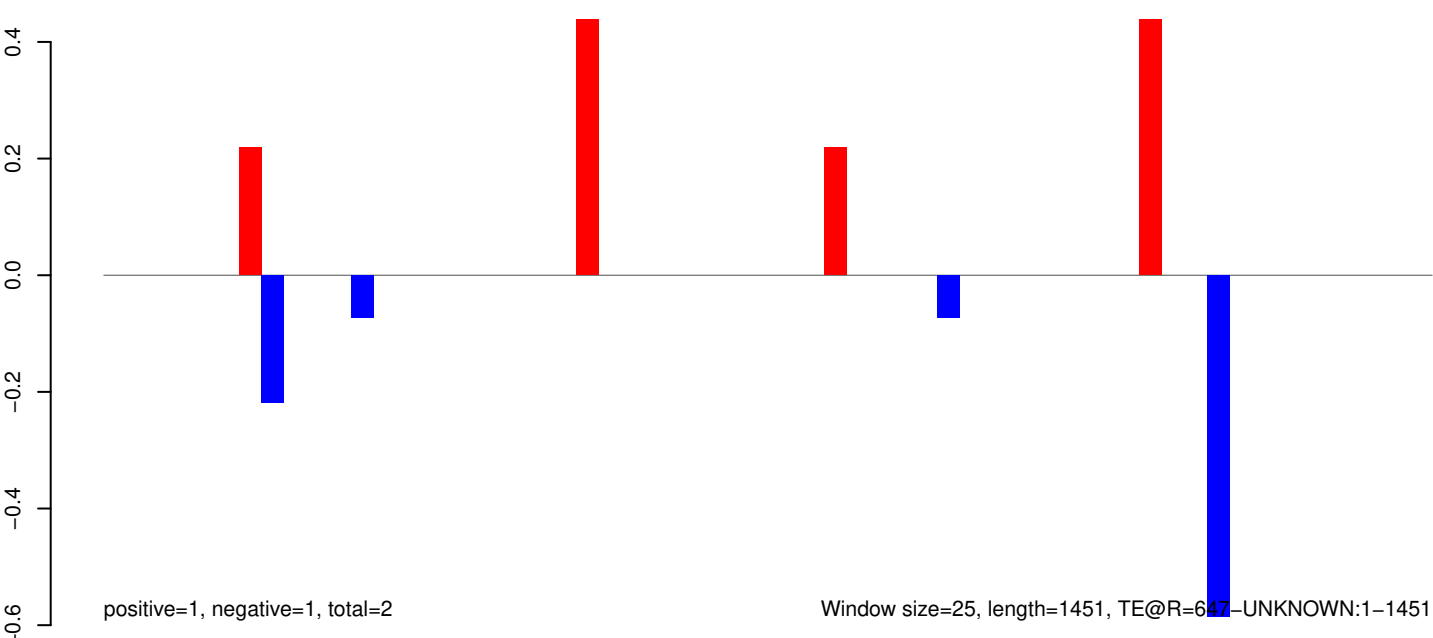
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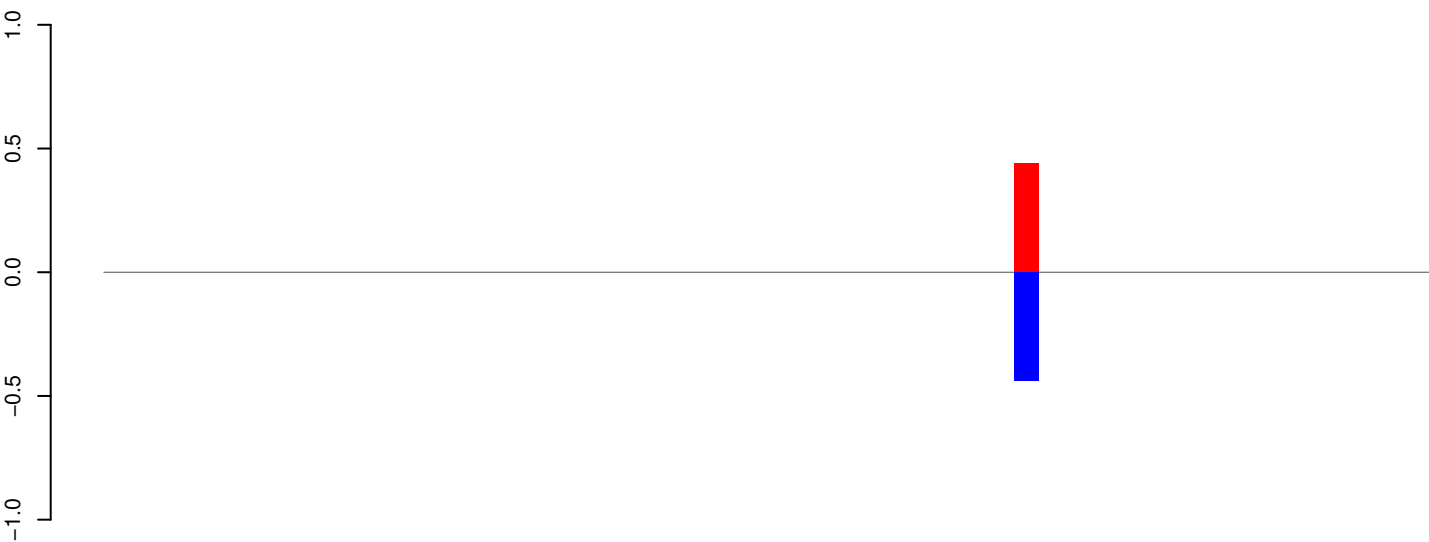
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

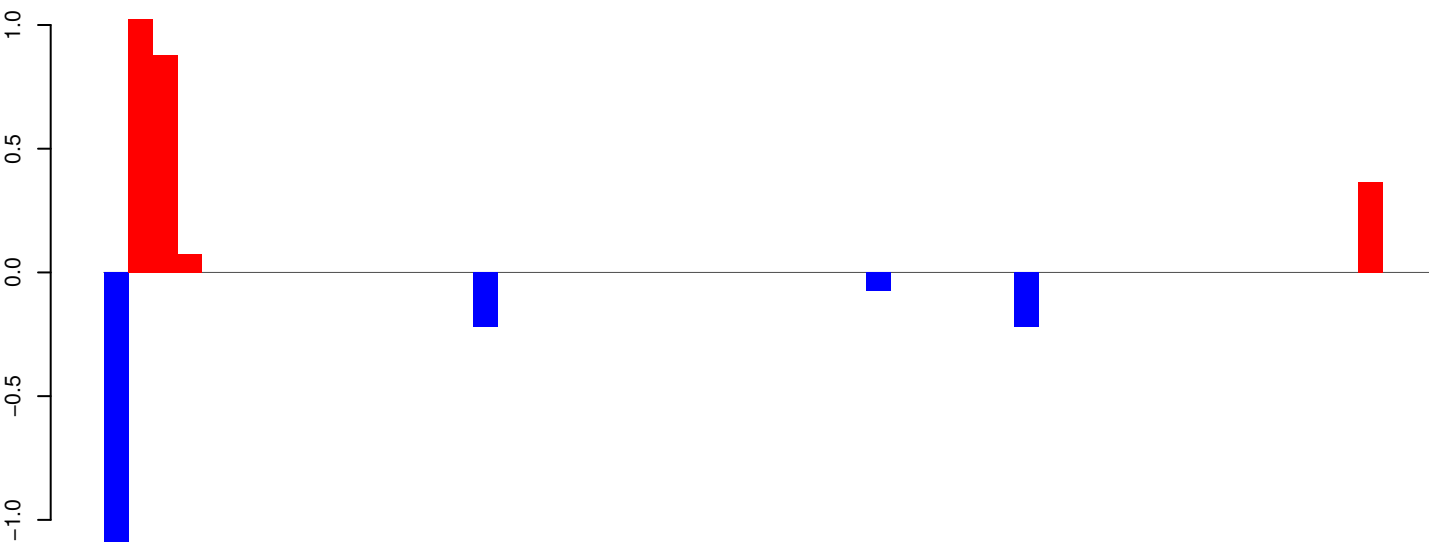


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



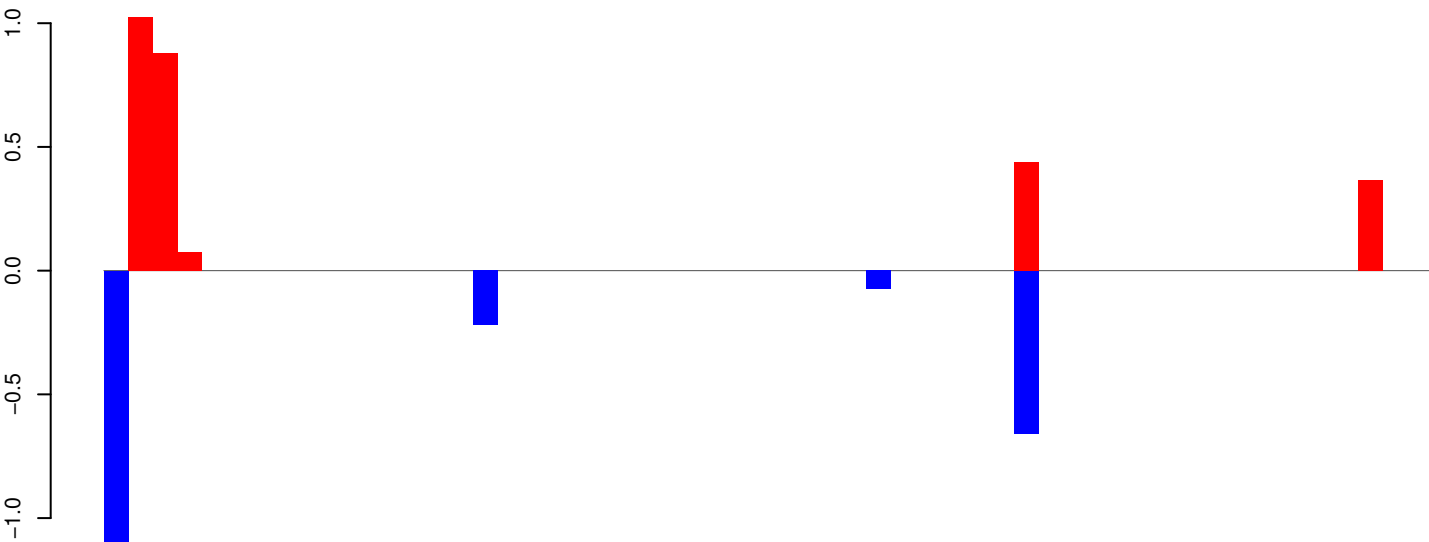
positive=0, negative=0, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=2, negative=2, total=4

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

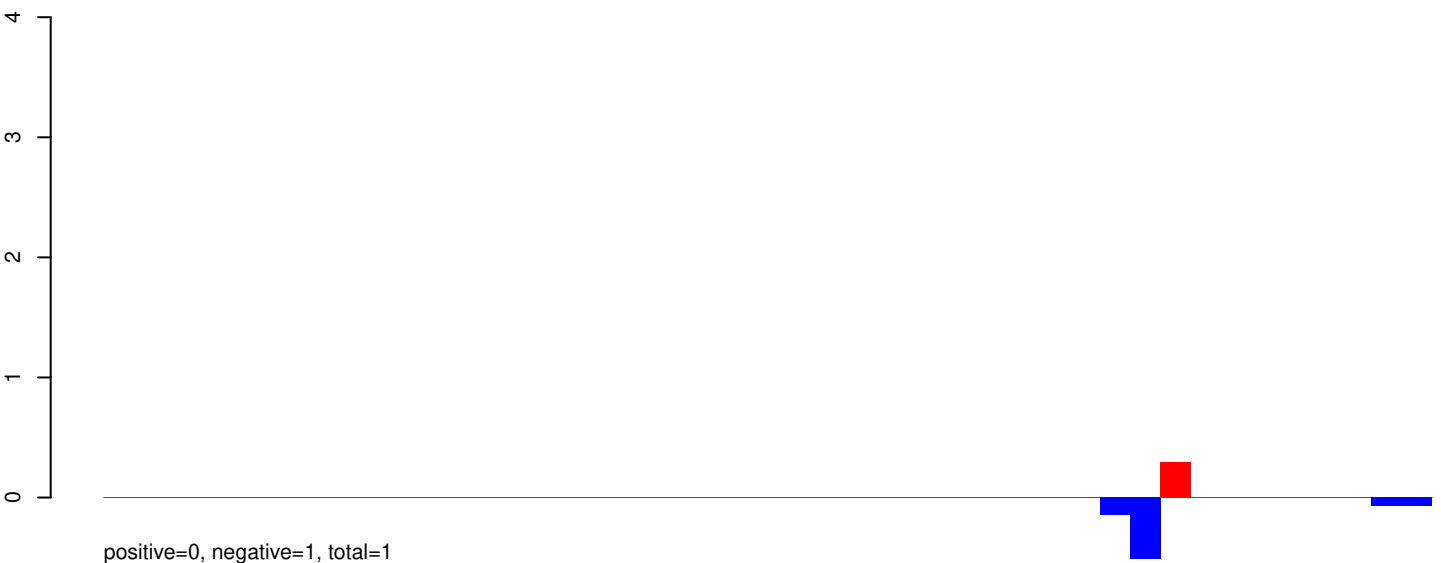


positive=3, negative=2, total=5

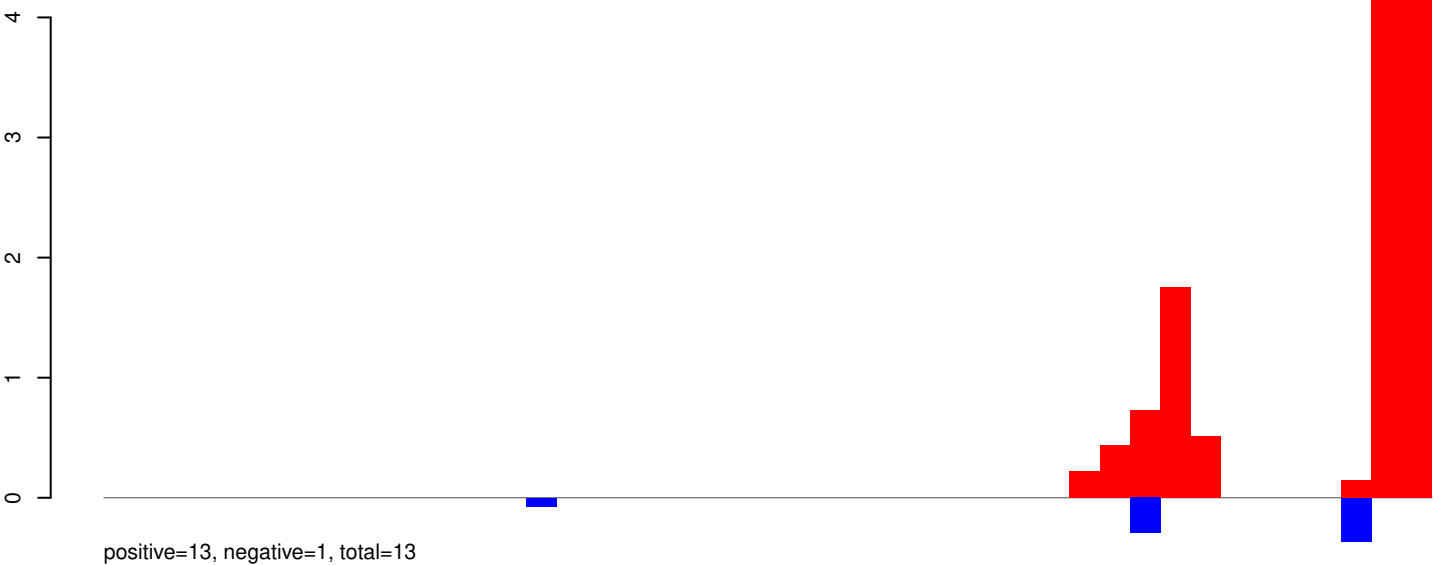
Window size=25, length=1333, TE@R=274-UNKNOWN:1-1333

0 200 400 600 800 1000 1200 1400

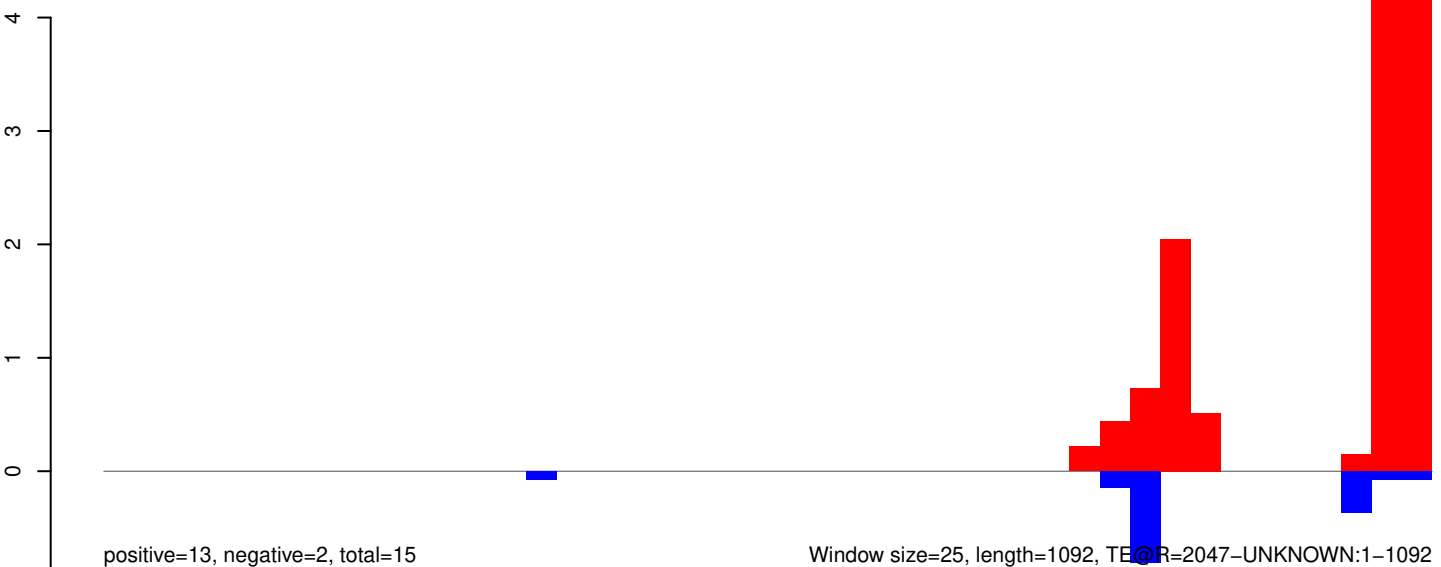
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



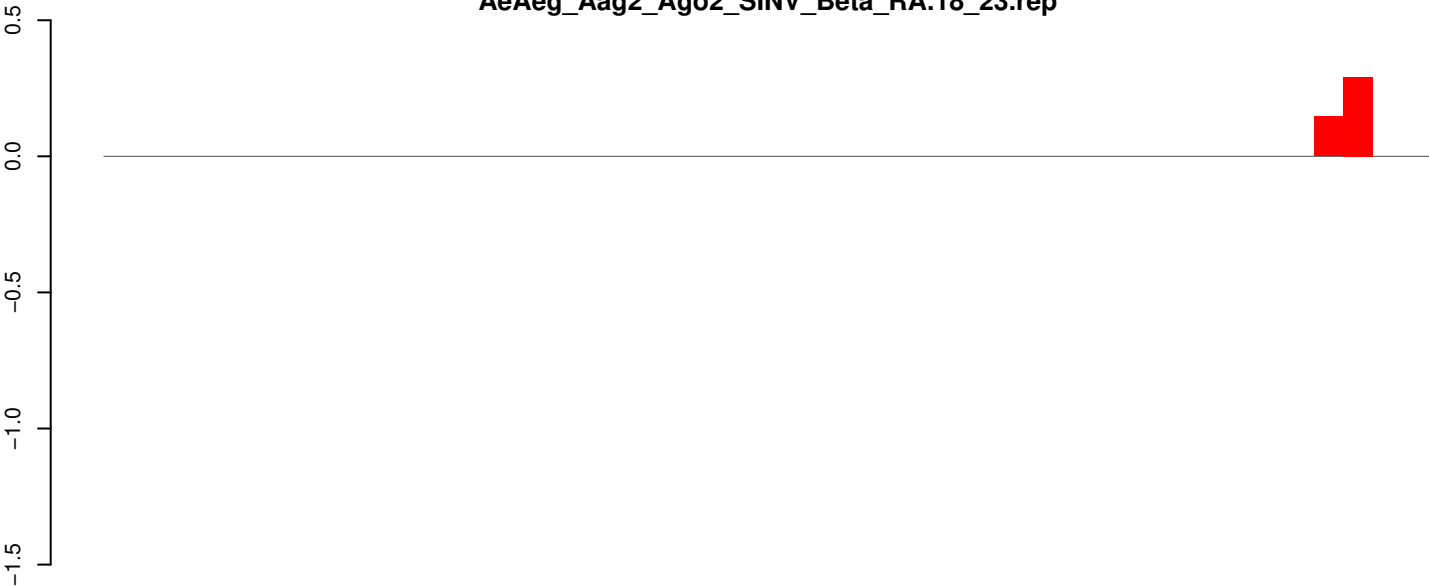
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

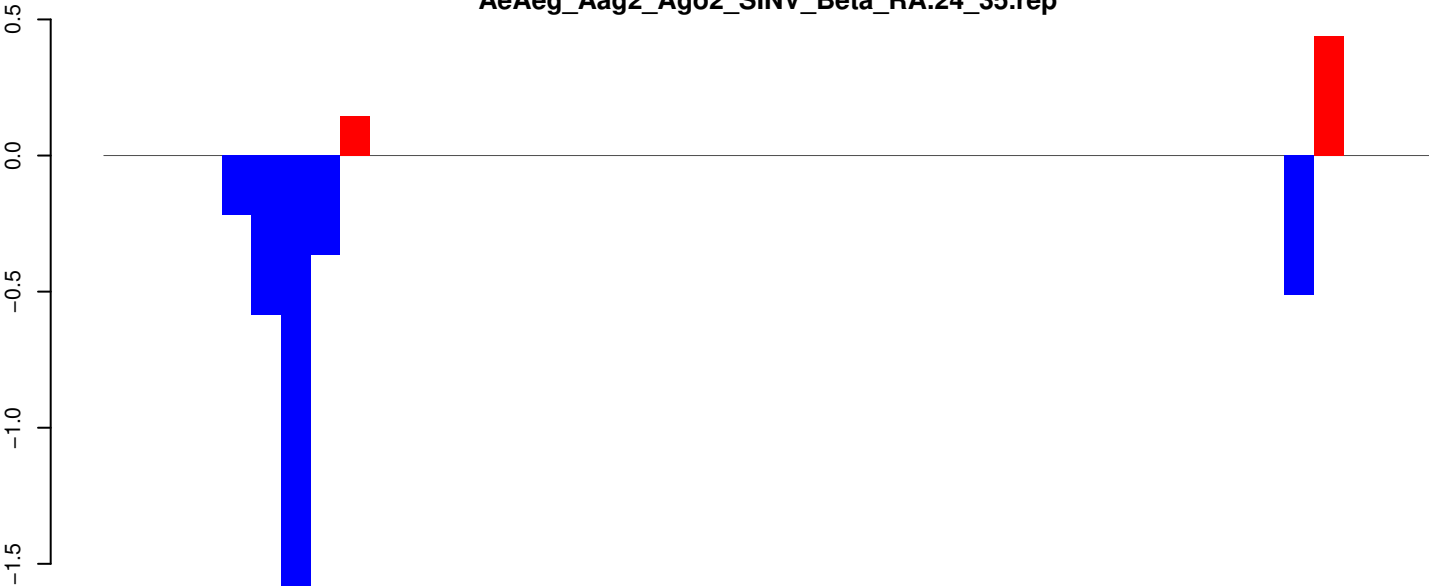


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



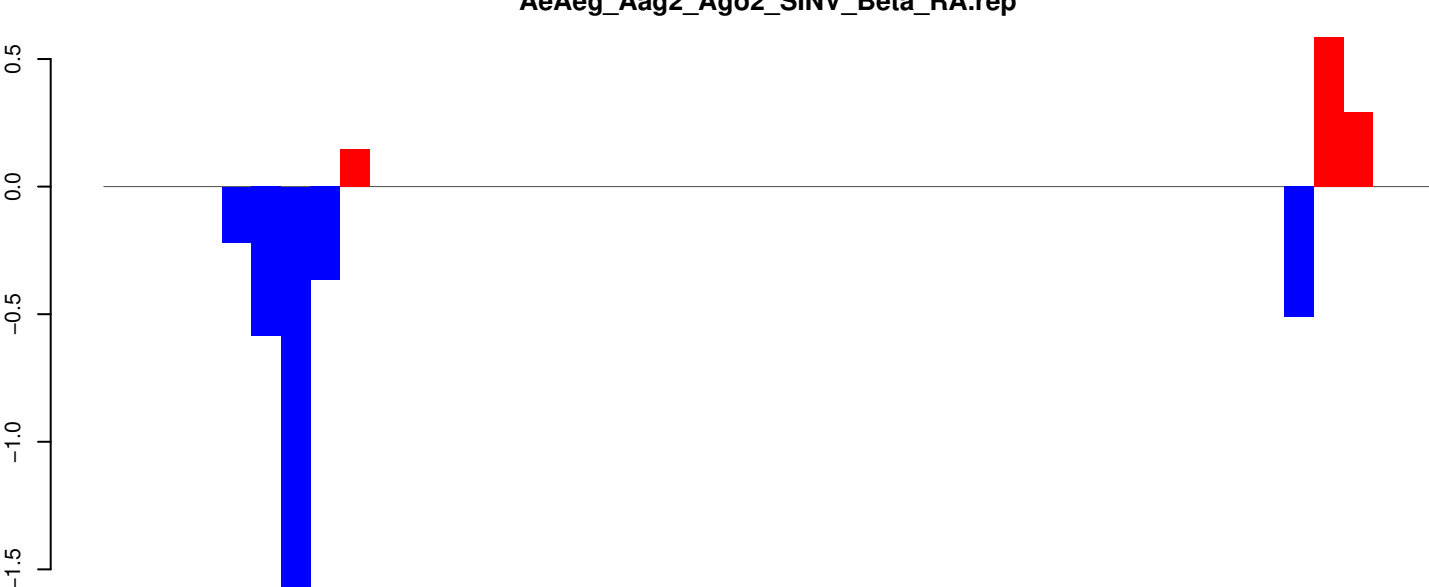
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



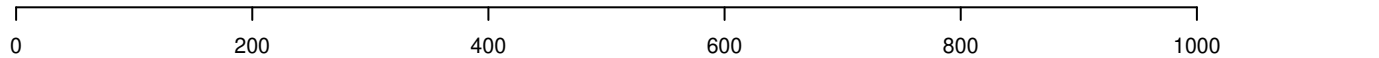
positive=1, negative=3, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

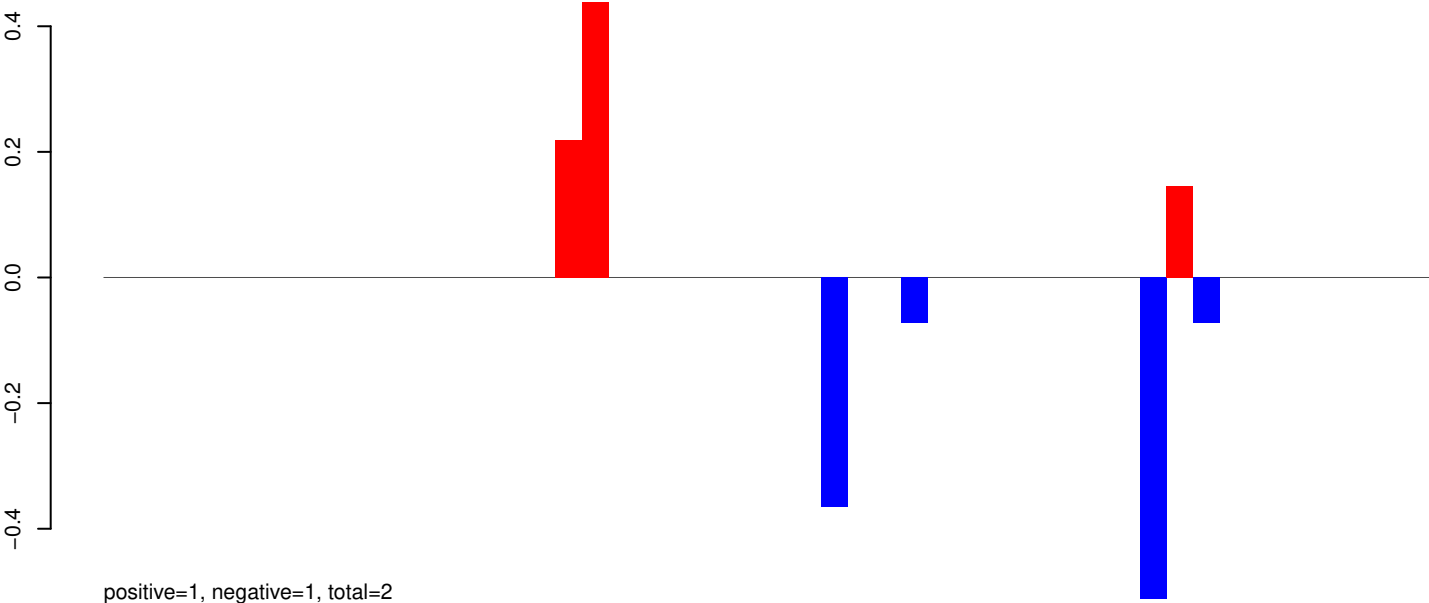


positive=1, negative=3, total=4

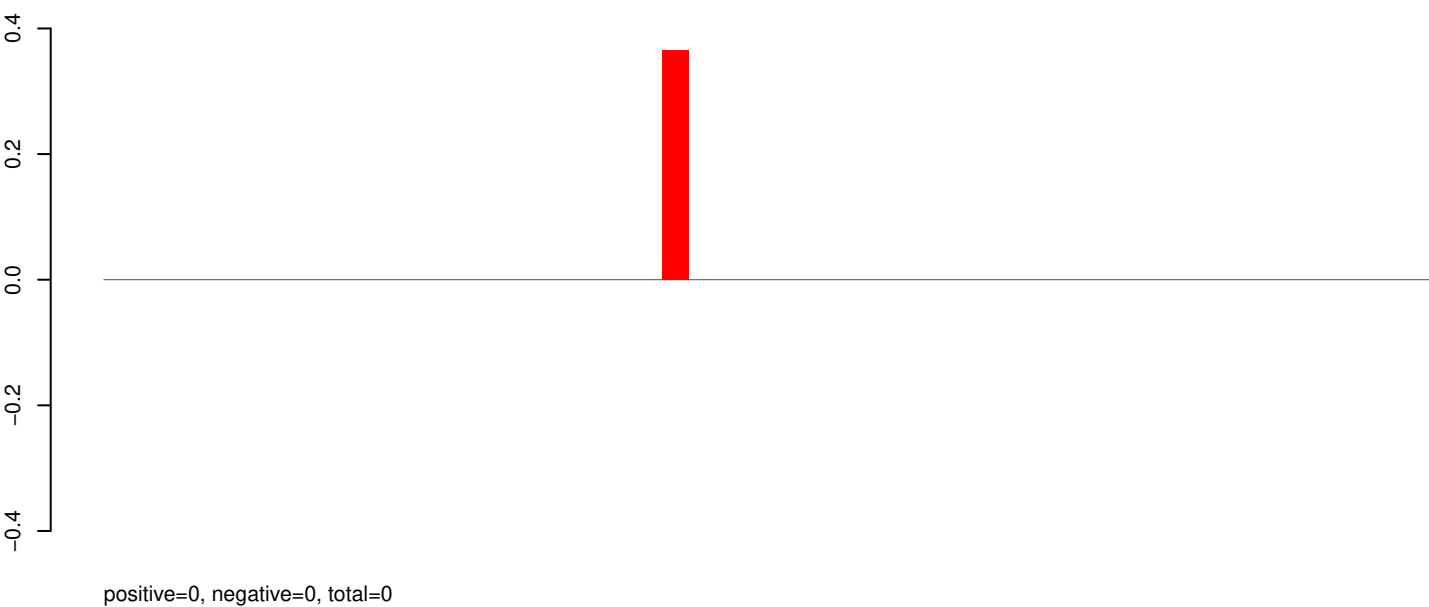
Window size=25, length=1118, TE@R=1153-UNKNOWN:1-1118



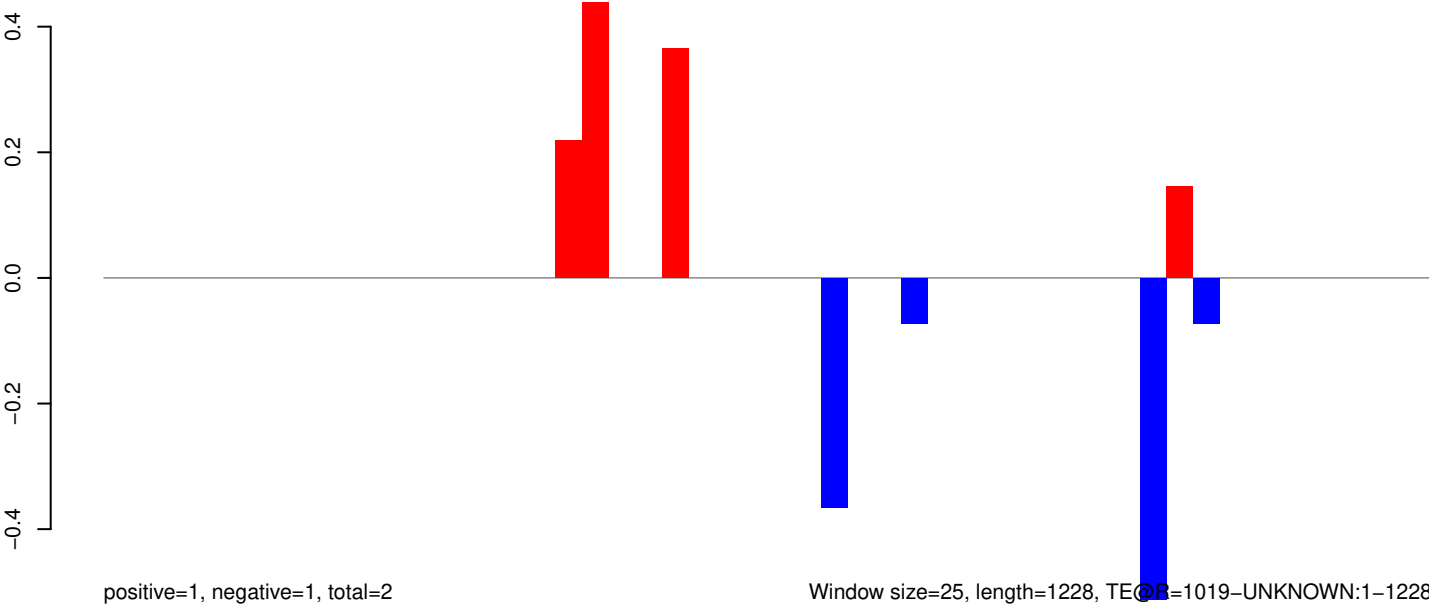
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



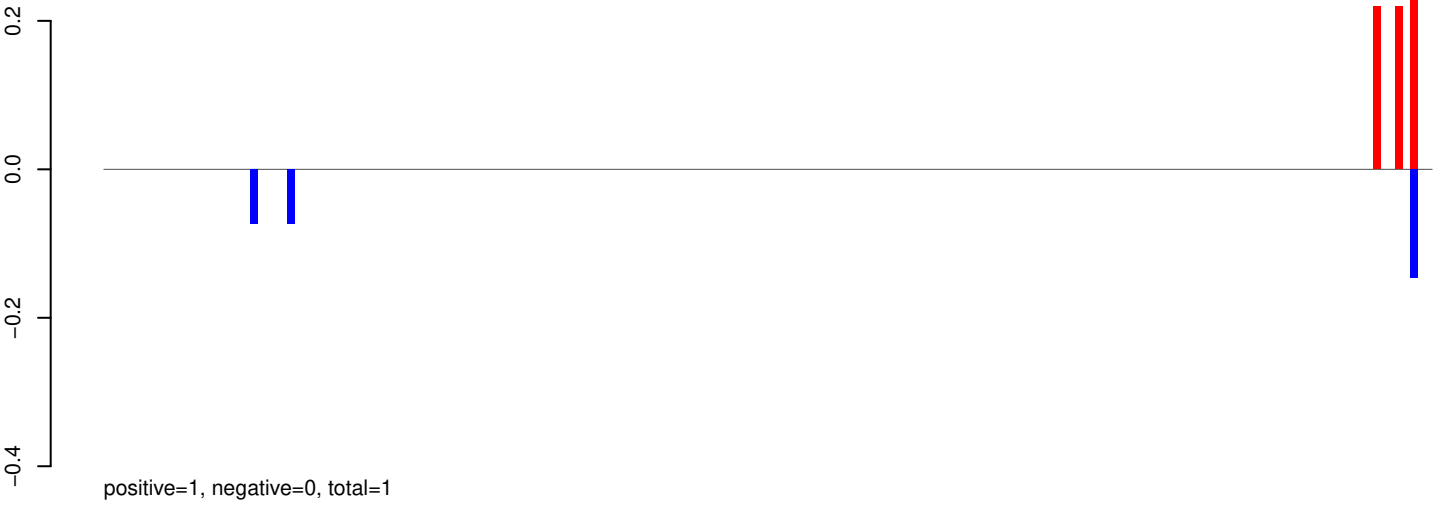
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



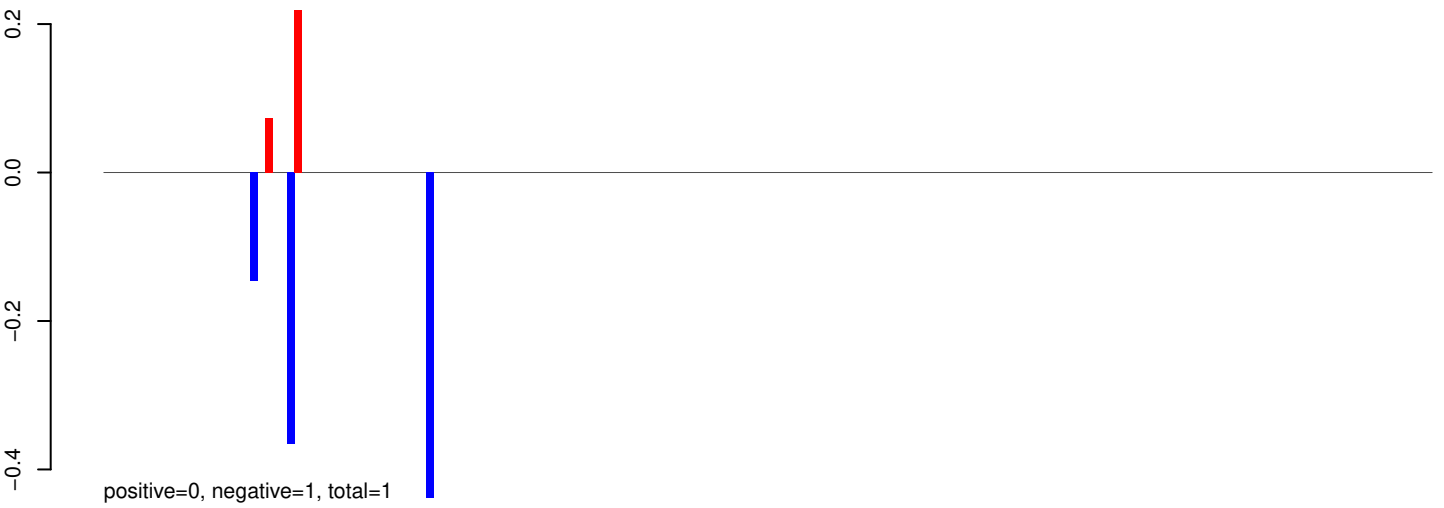
Window size=25, length=1228, TE@B=1019-UNKNOWN:1-1228

0 200 400 600 800 1000 1200

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep

0.0  
-0.1  
-0.2  
-0.3

positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

0.0  
-0.1  
-0.2  
-0.3

positive=0, negative=2, total=2

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

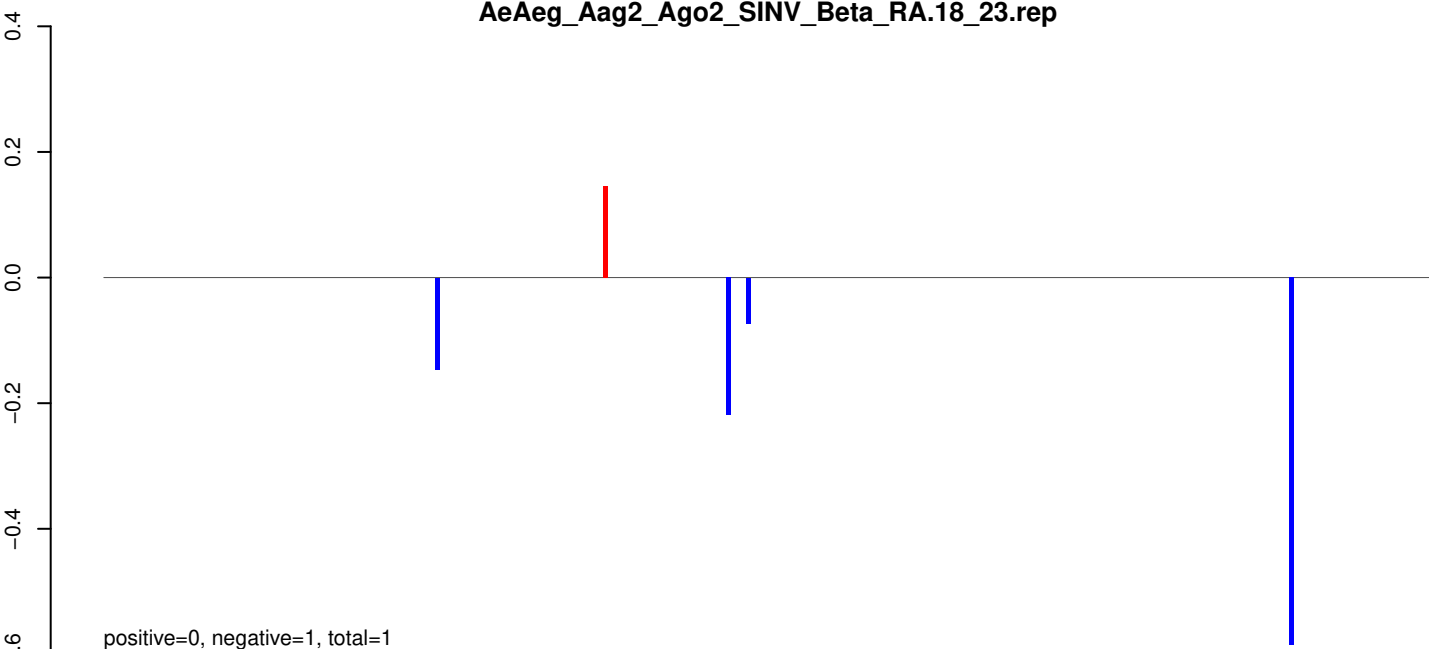
0.0  
-0.1  
-0.2  
-0.3

positive=0, negative=2, total=2

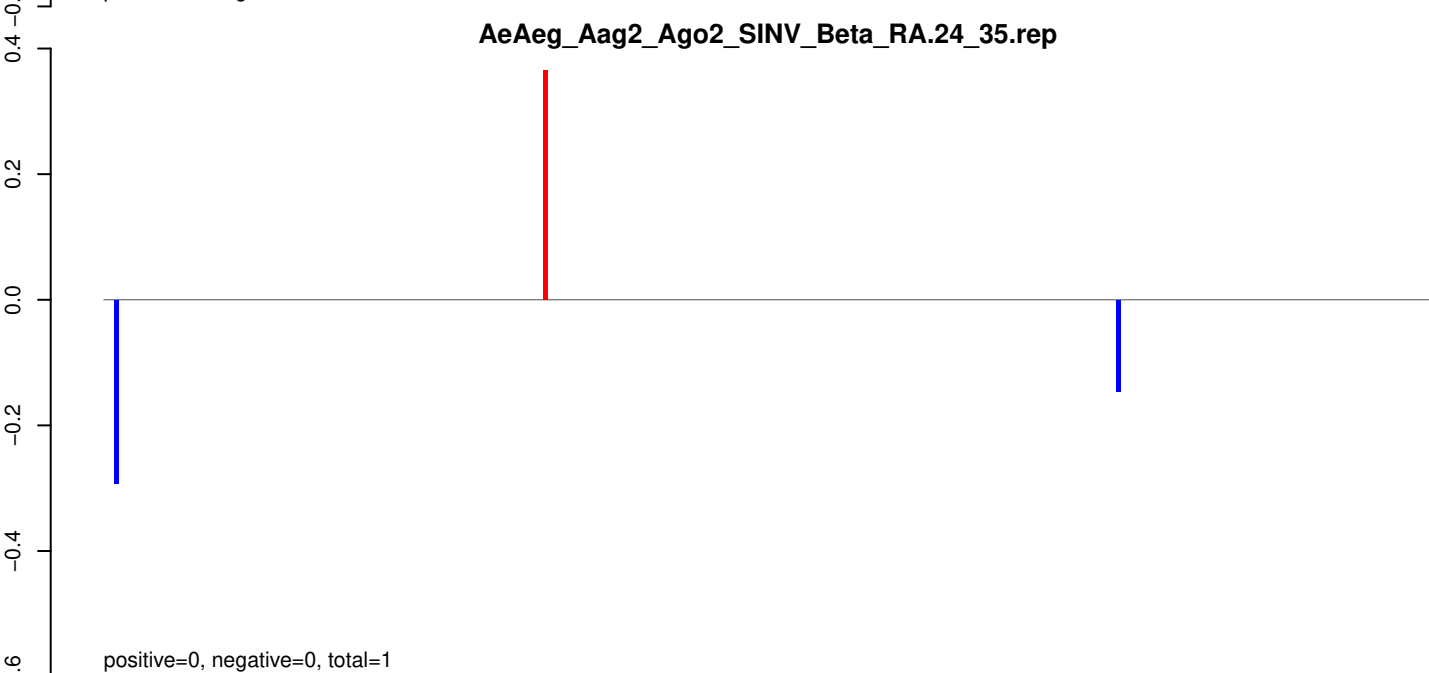
Window size=25, length=568, TE@Mariner-N2\_AAe:1-568

100 200 300 400 500 600

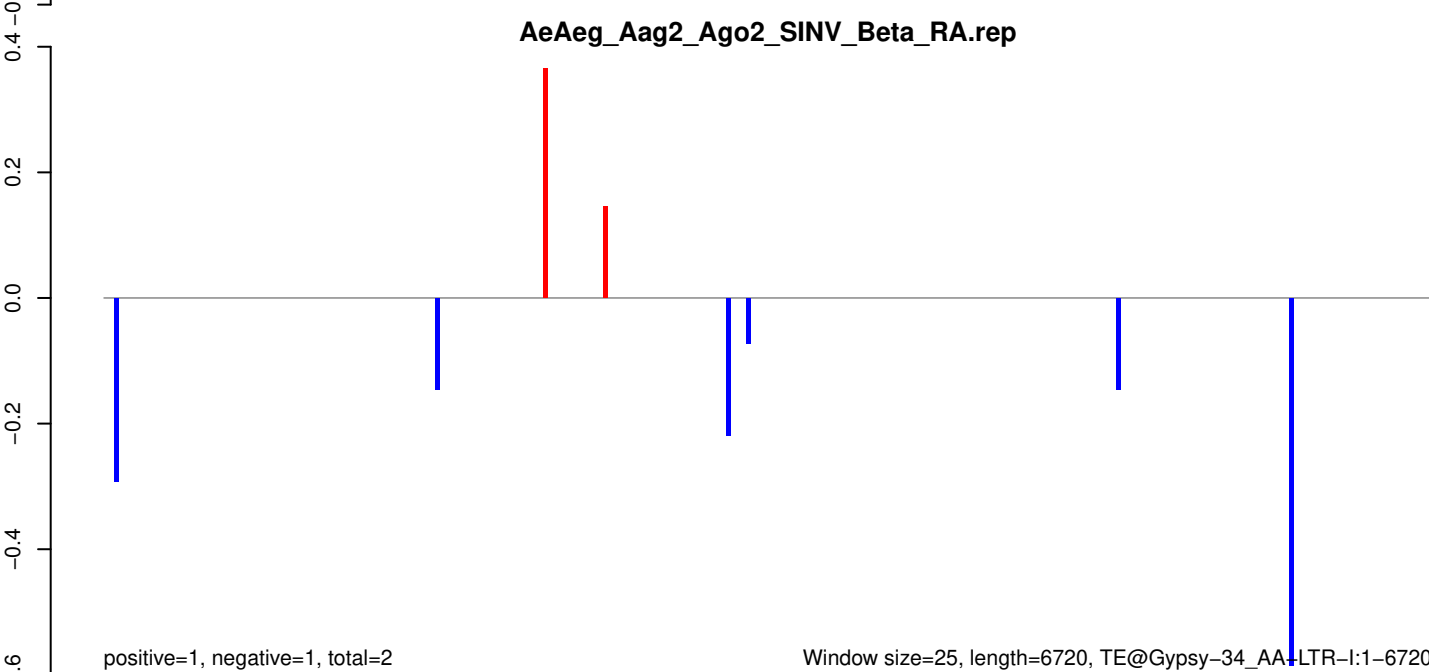
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

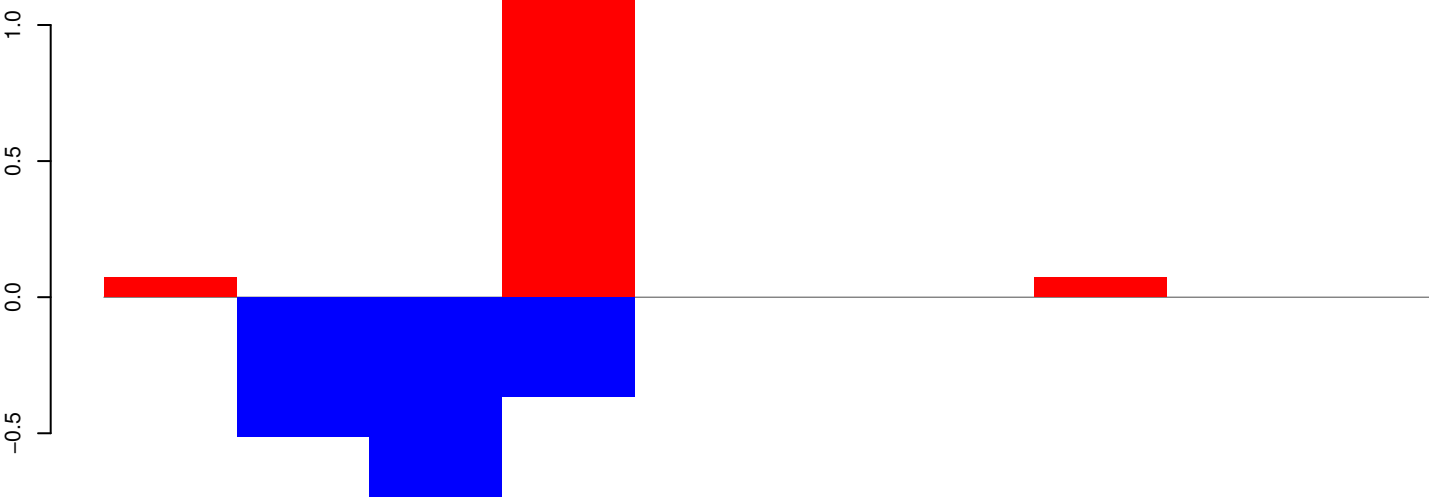


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



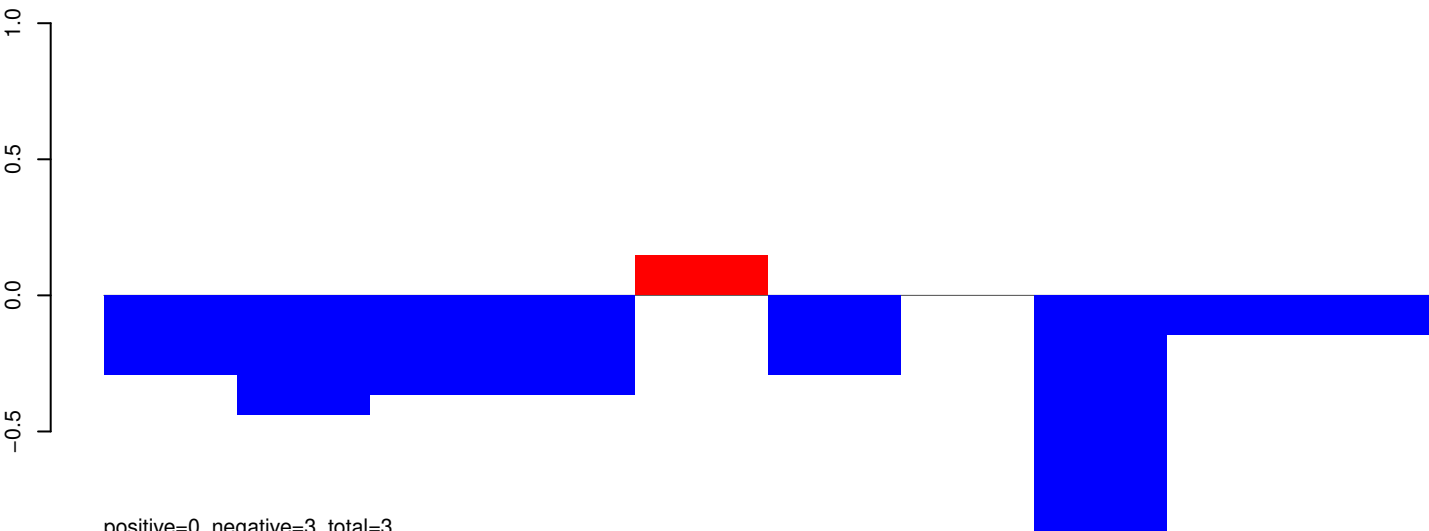


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



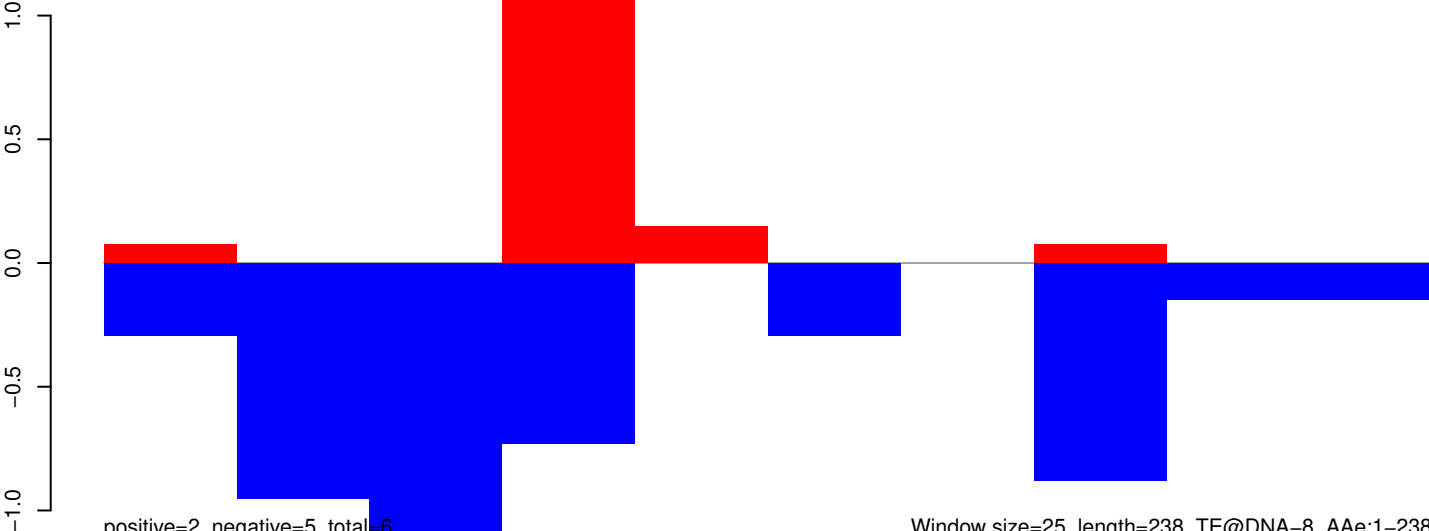
positive=1, negative=2, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=3, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

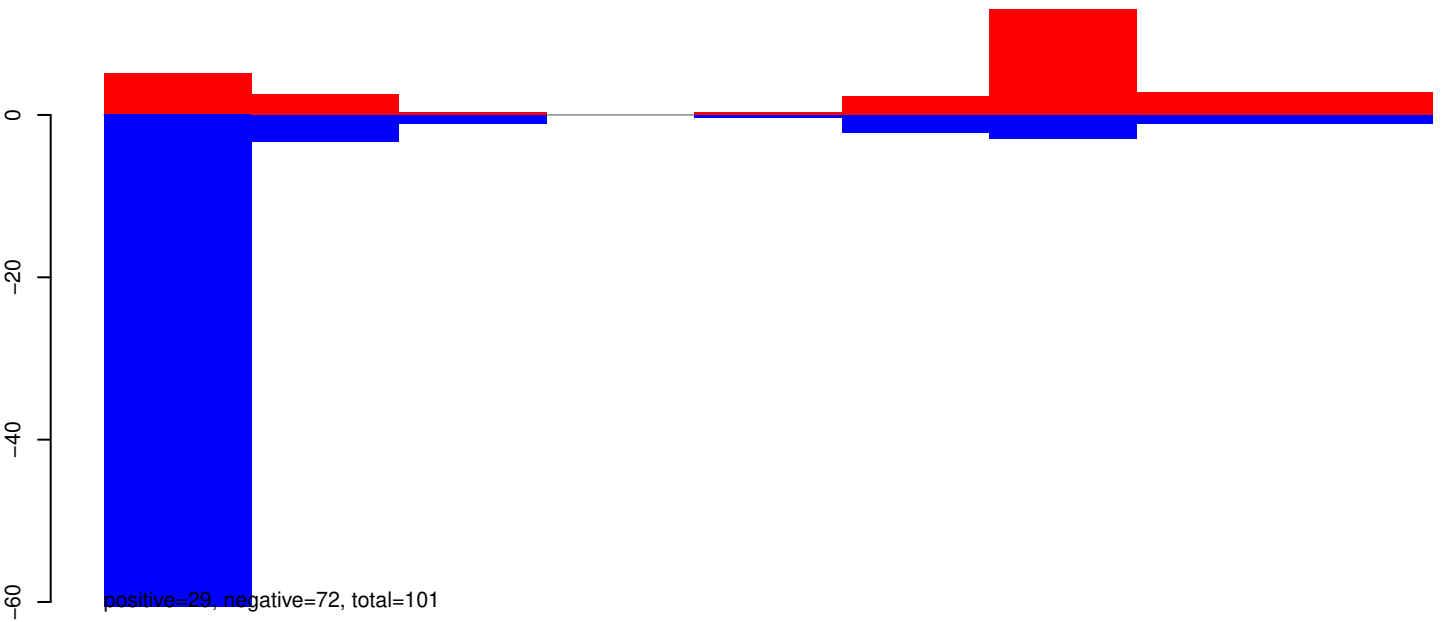


positive=2, negative=5, total=6

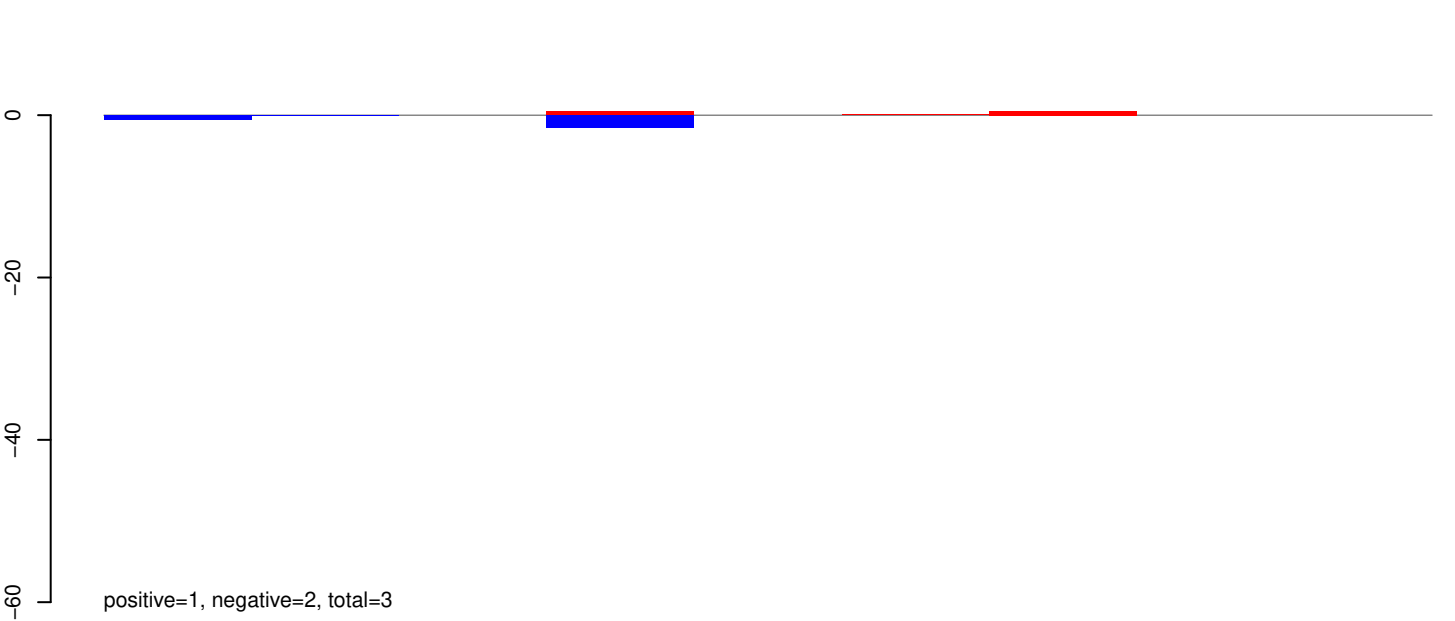
Window size=25, length=238, TE@DNA-8\_AAe:1-238

50 100 150 200 250

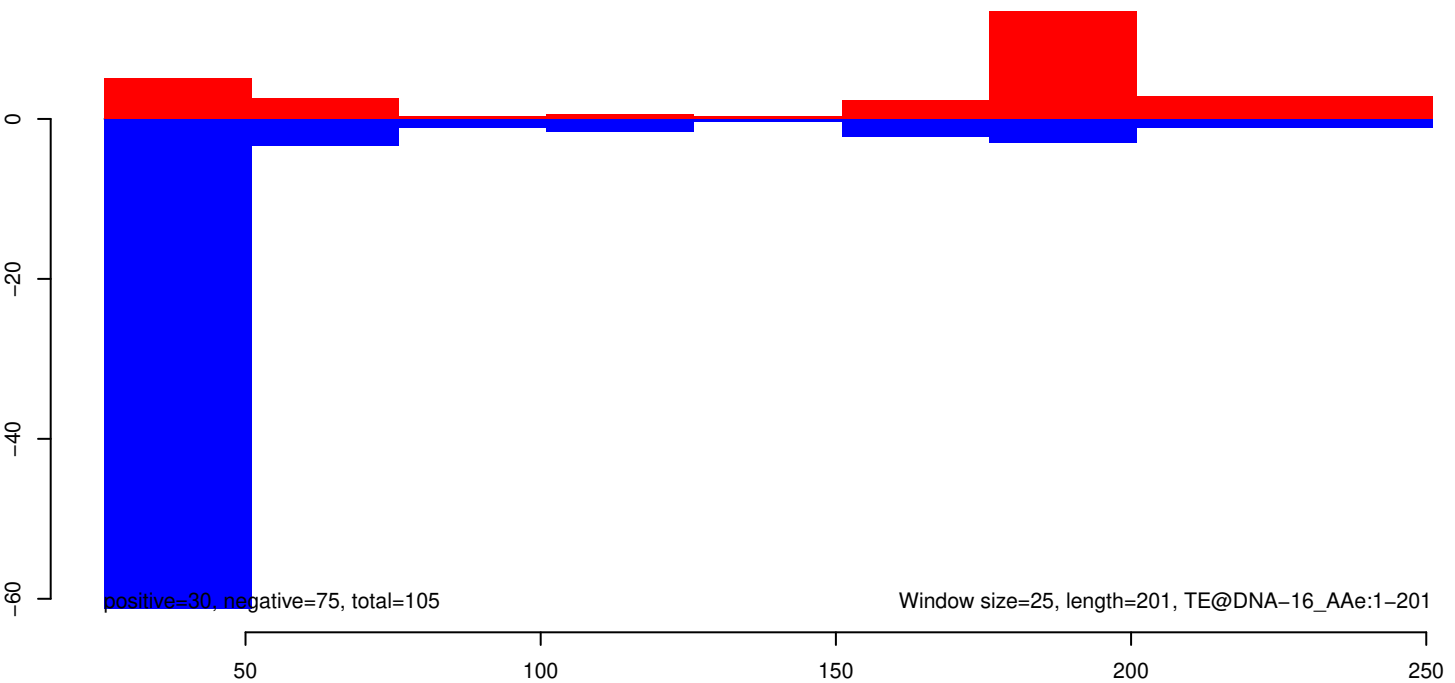
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



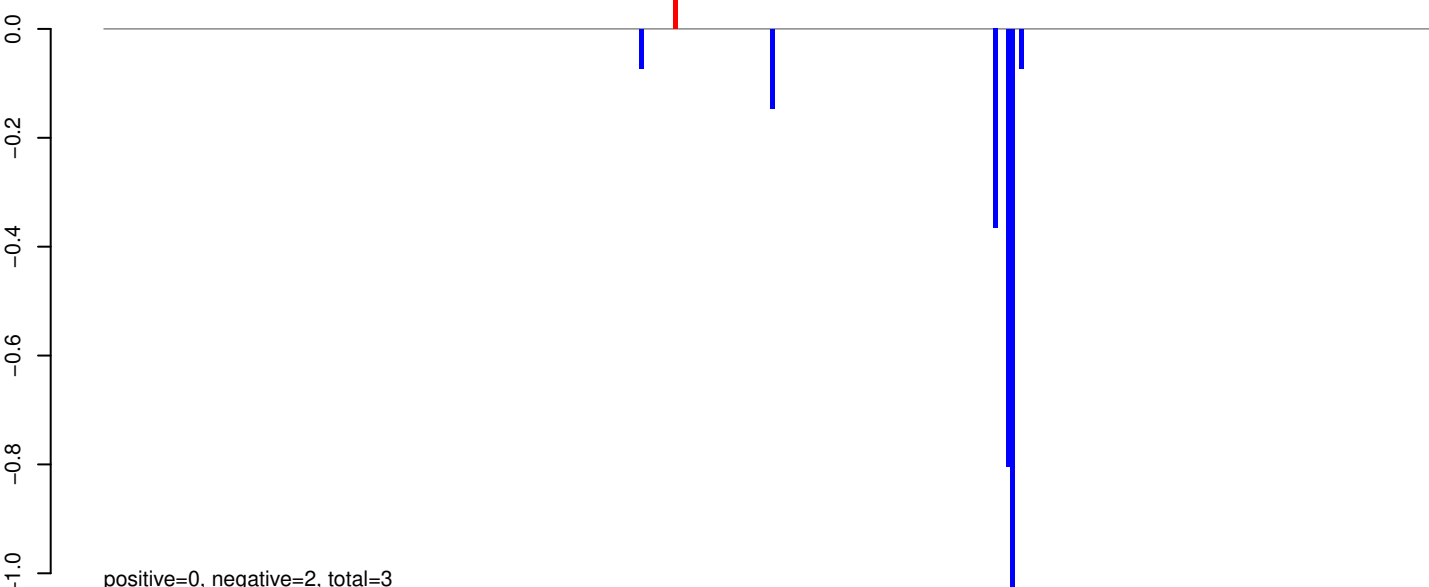
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



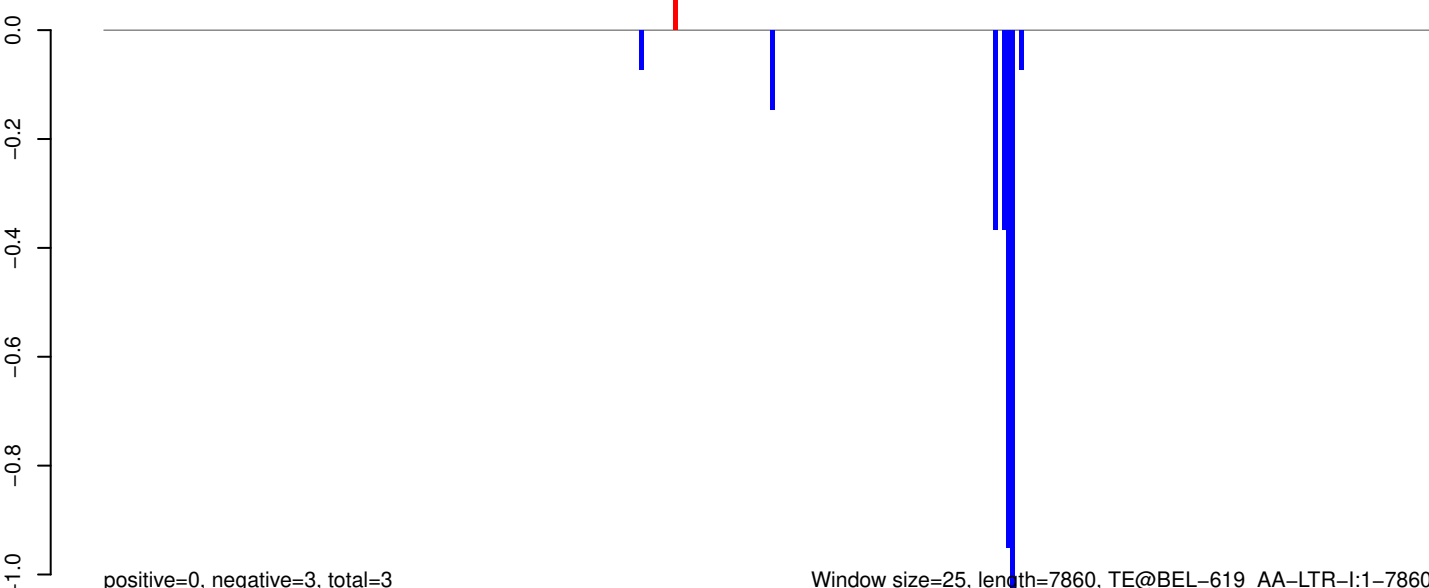
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



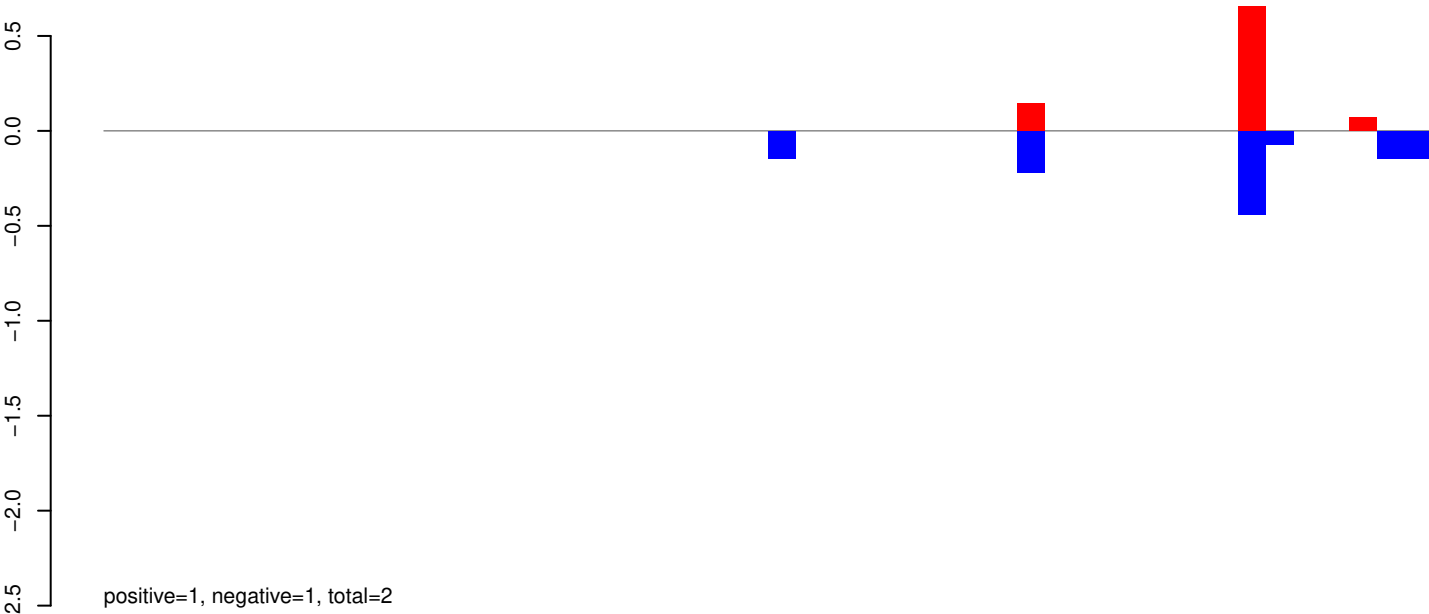
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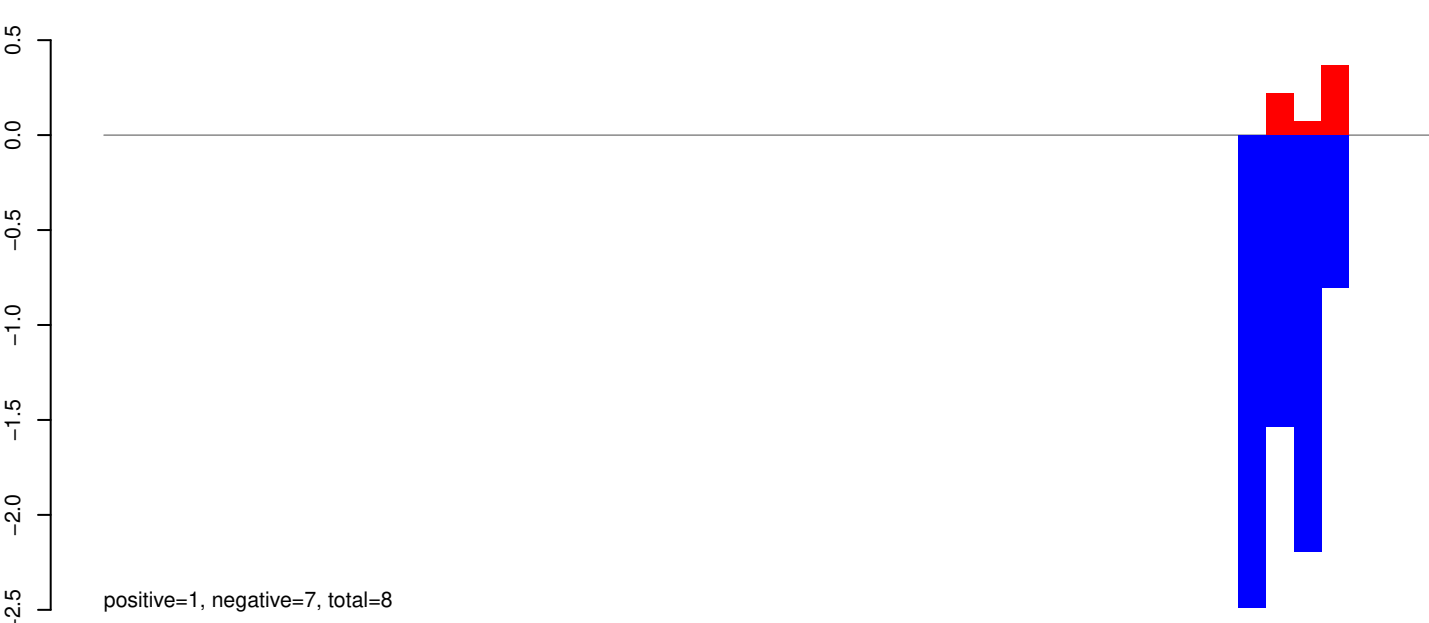
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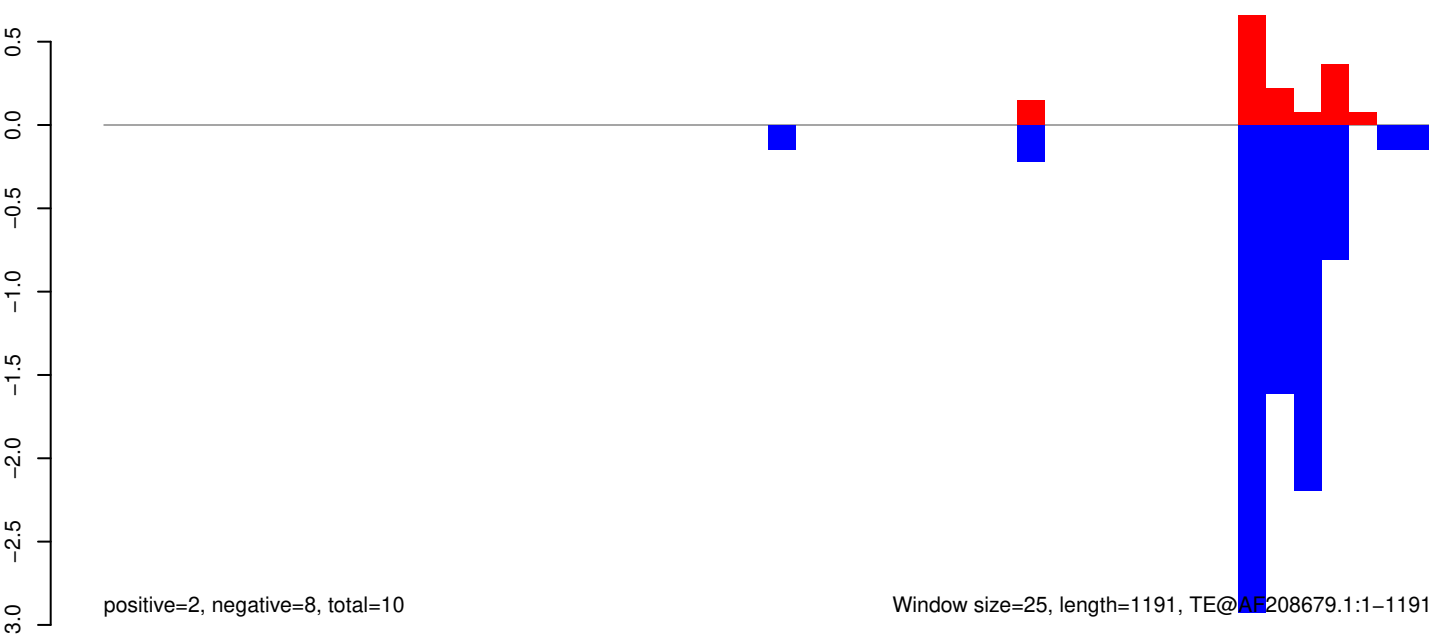
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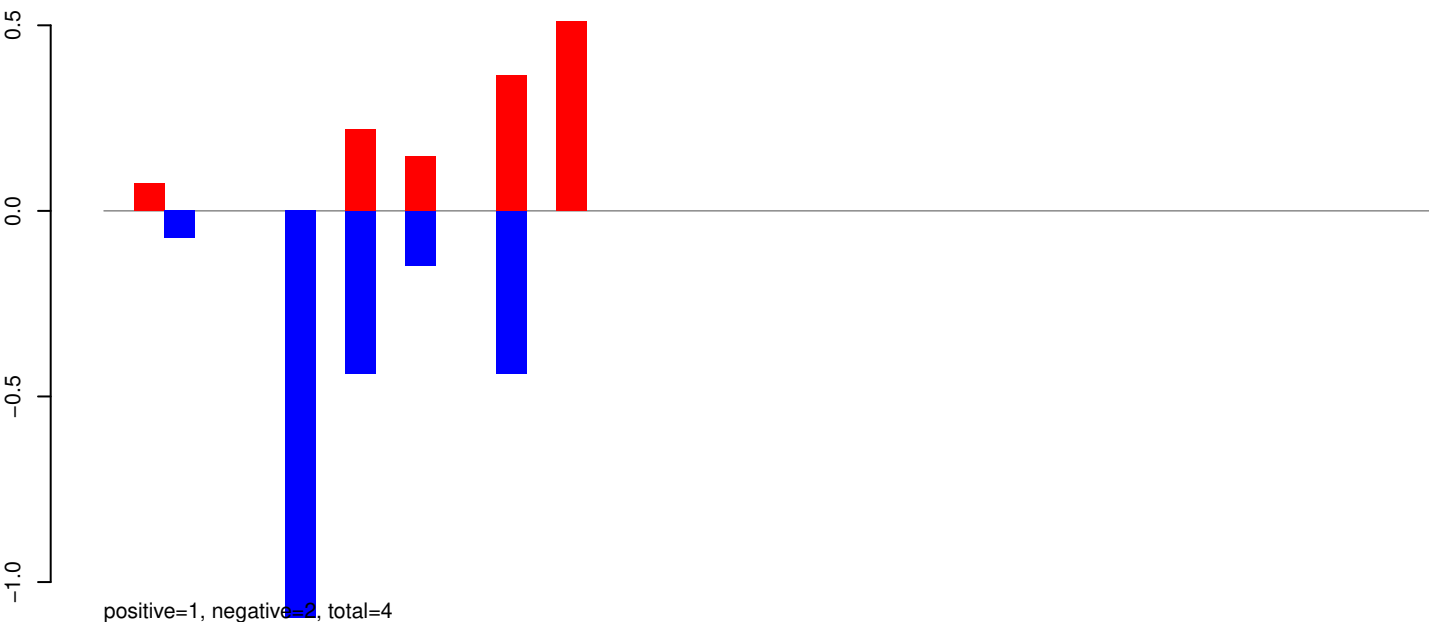
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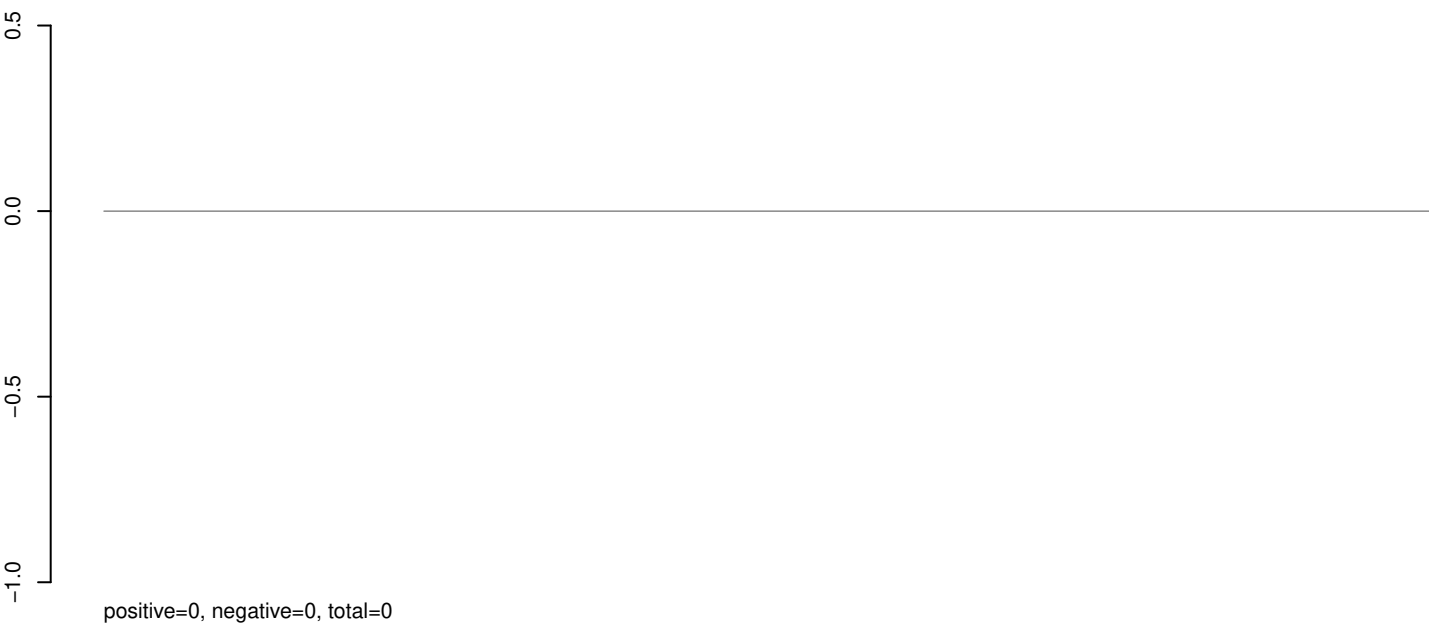
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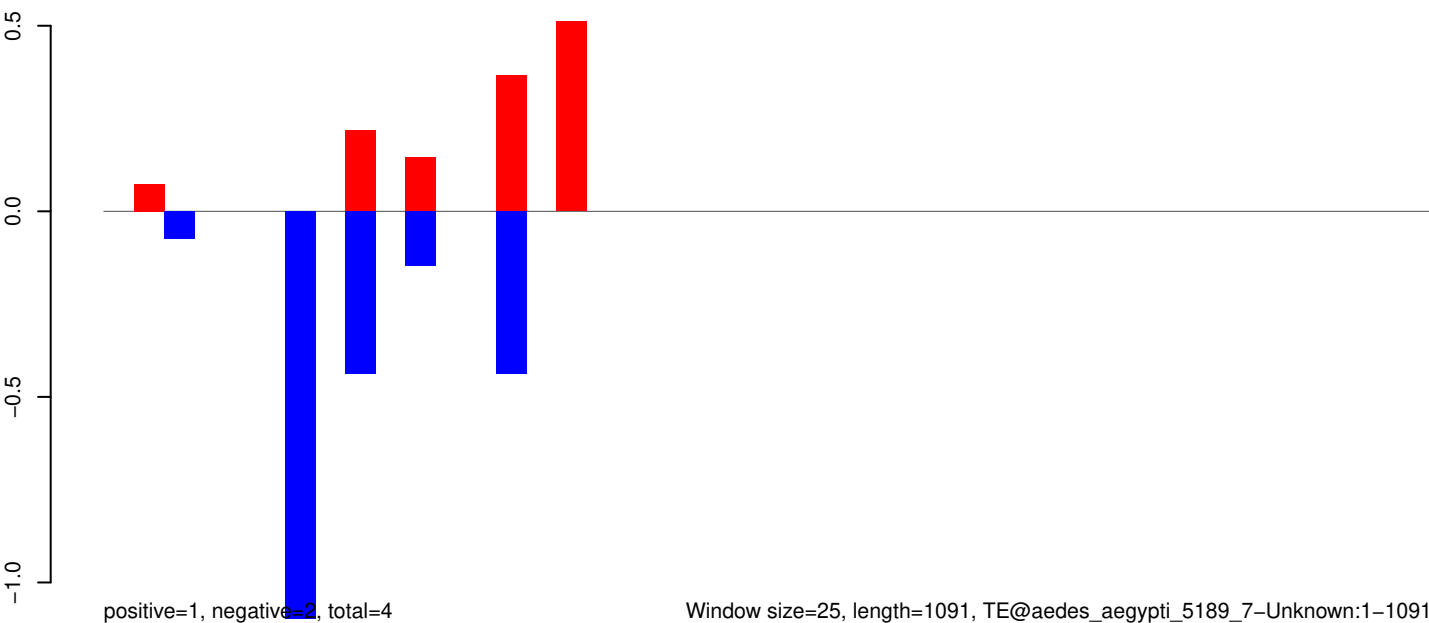
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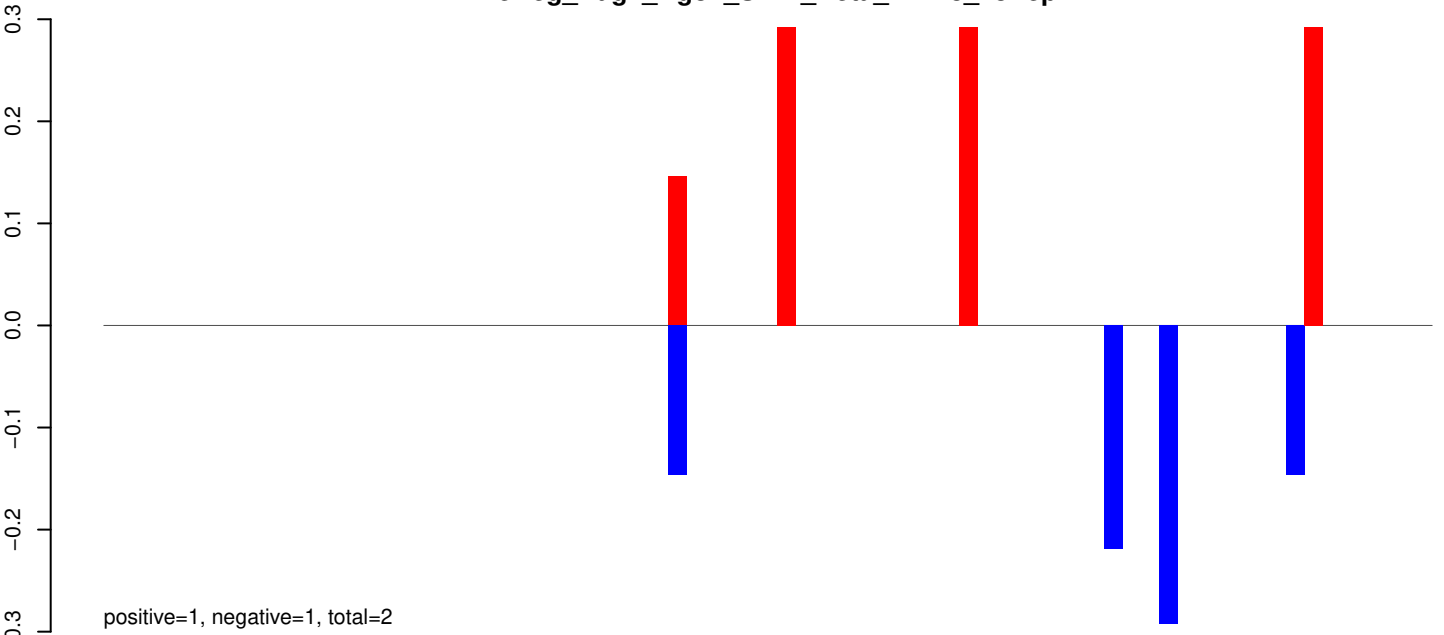
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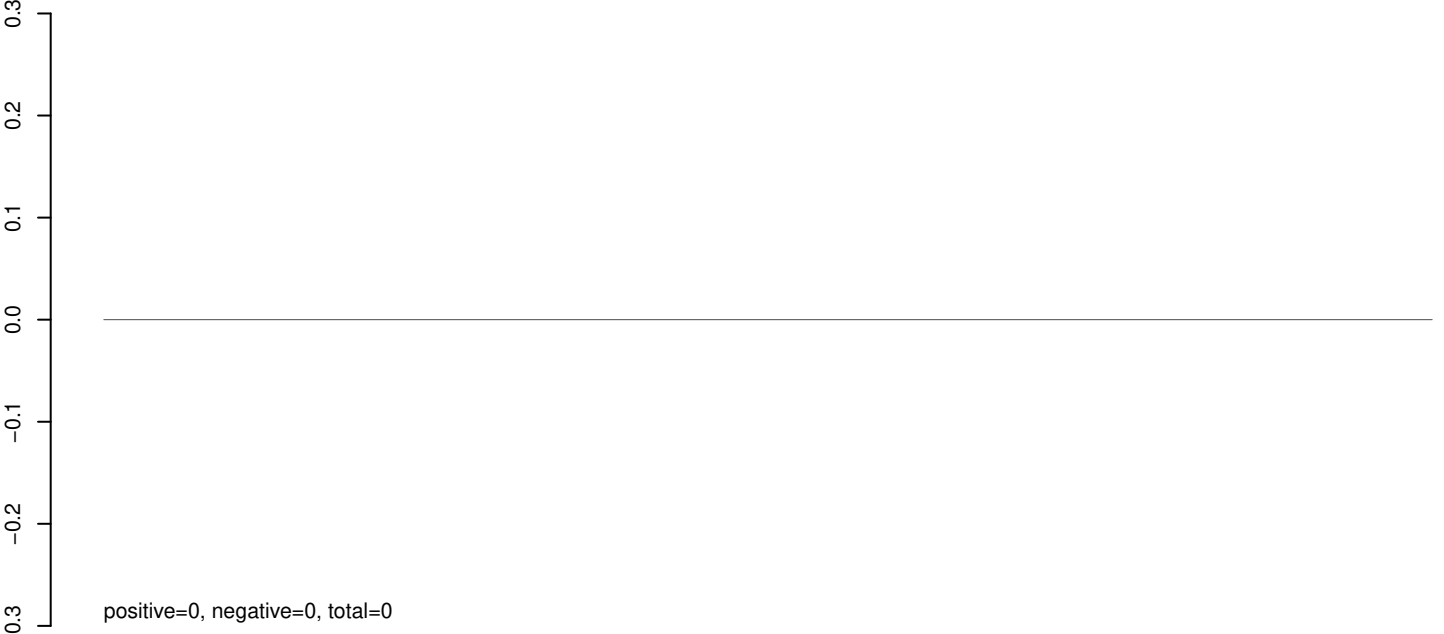
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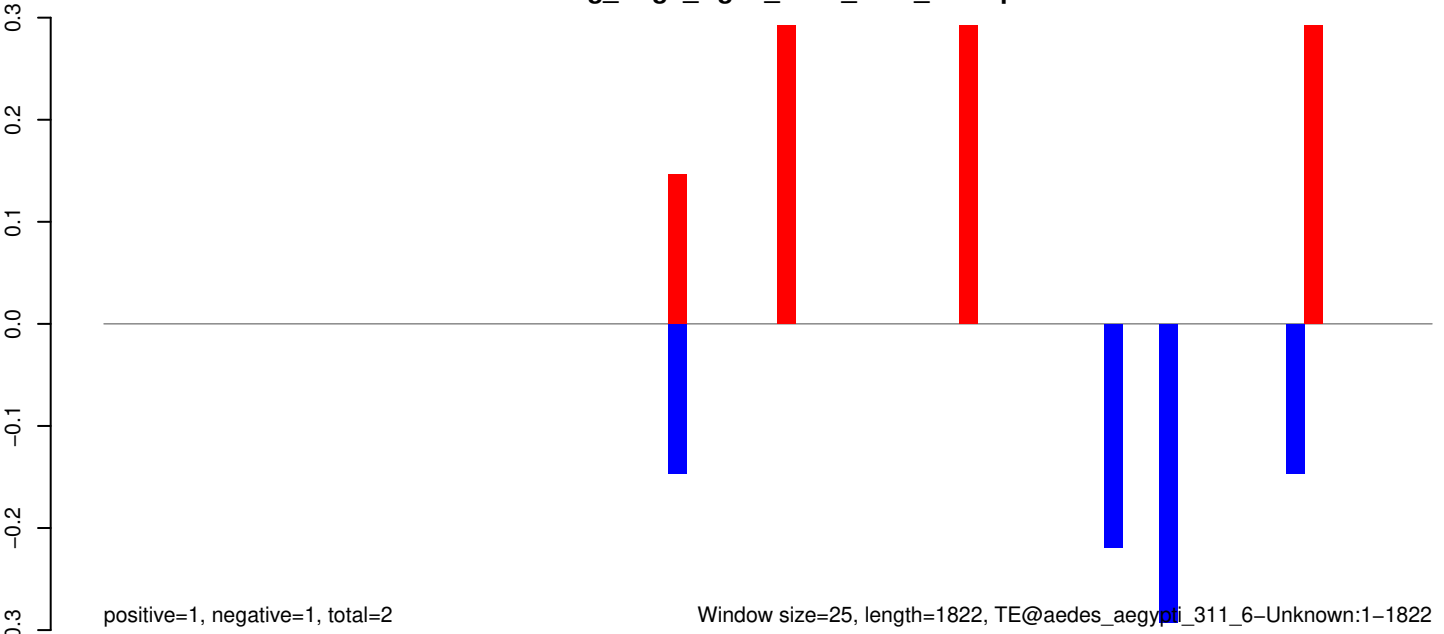
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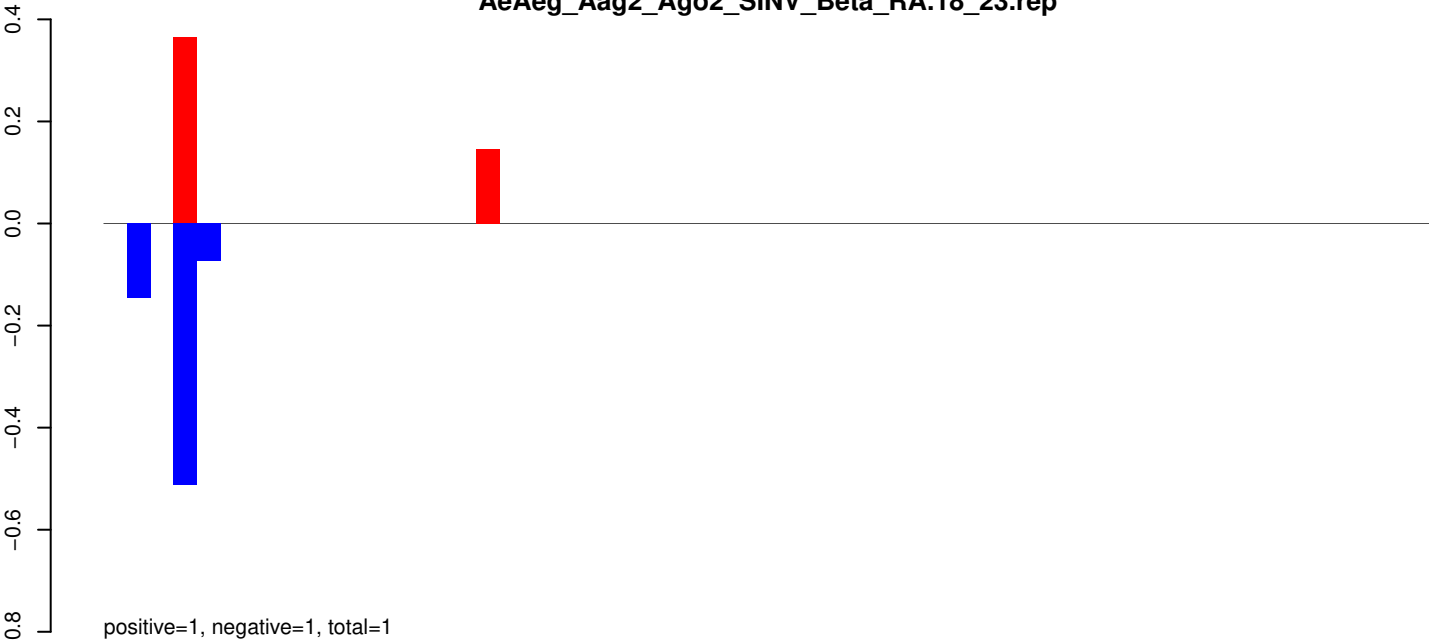


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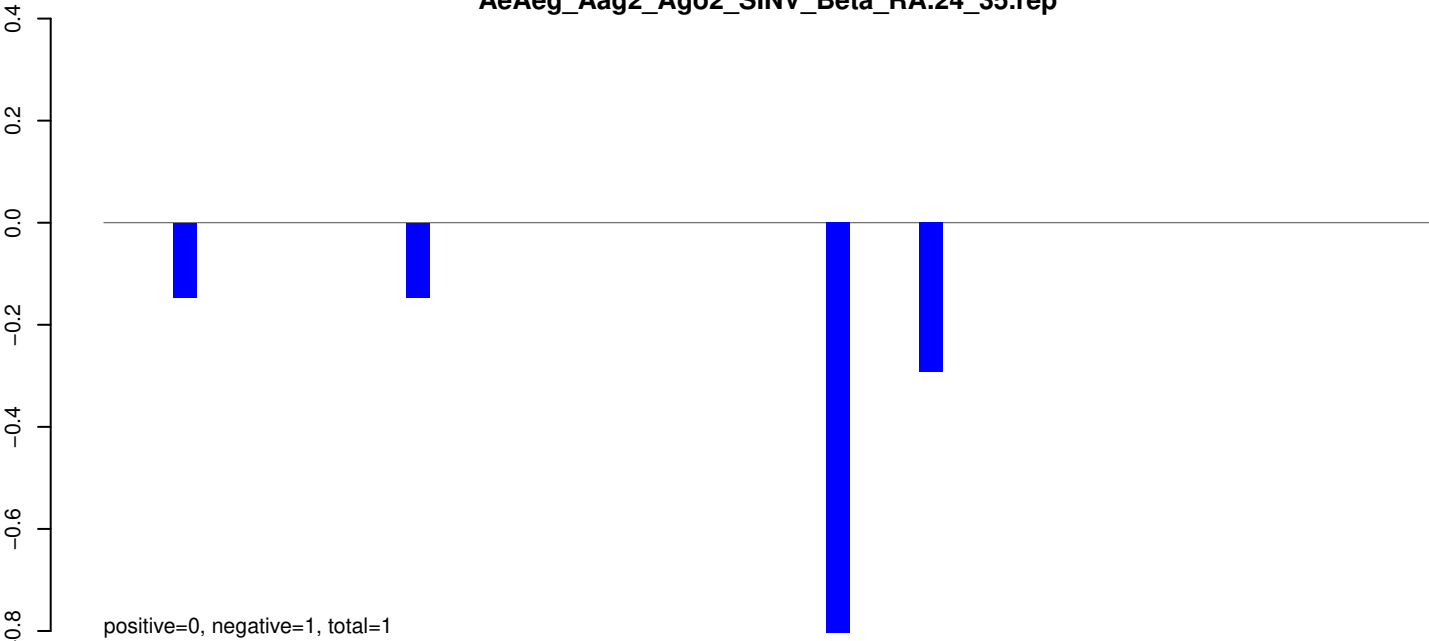


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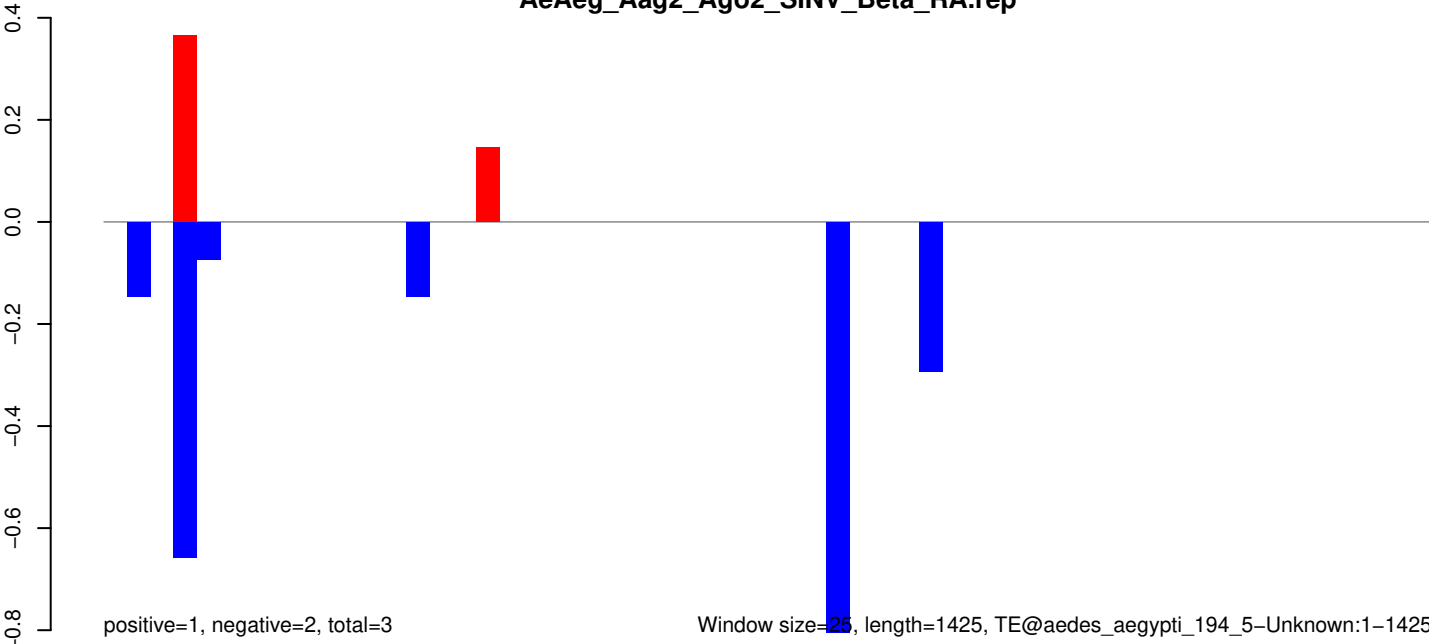
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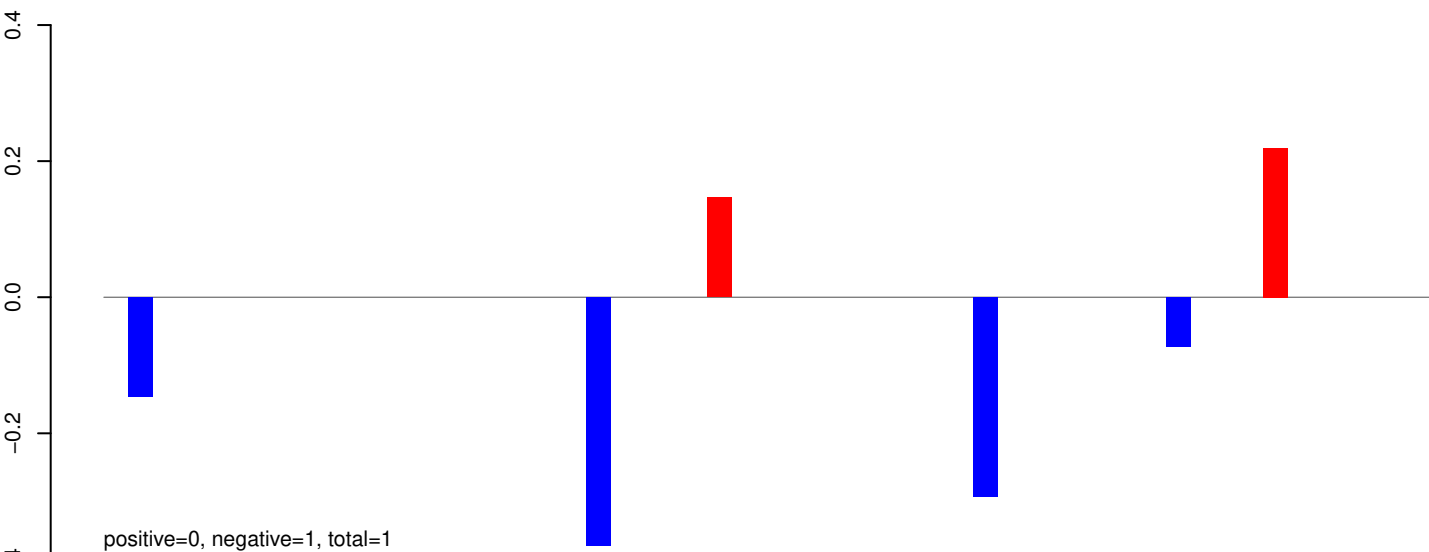
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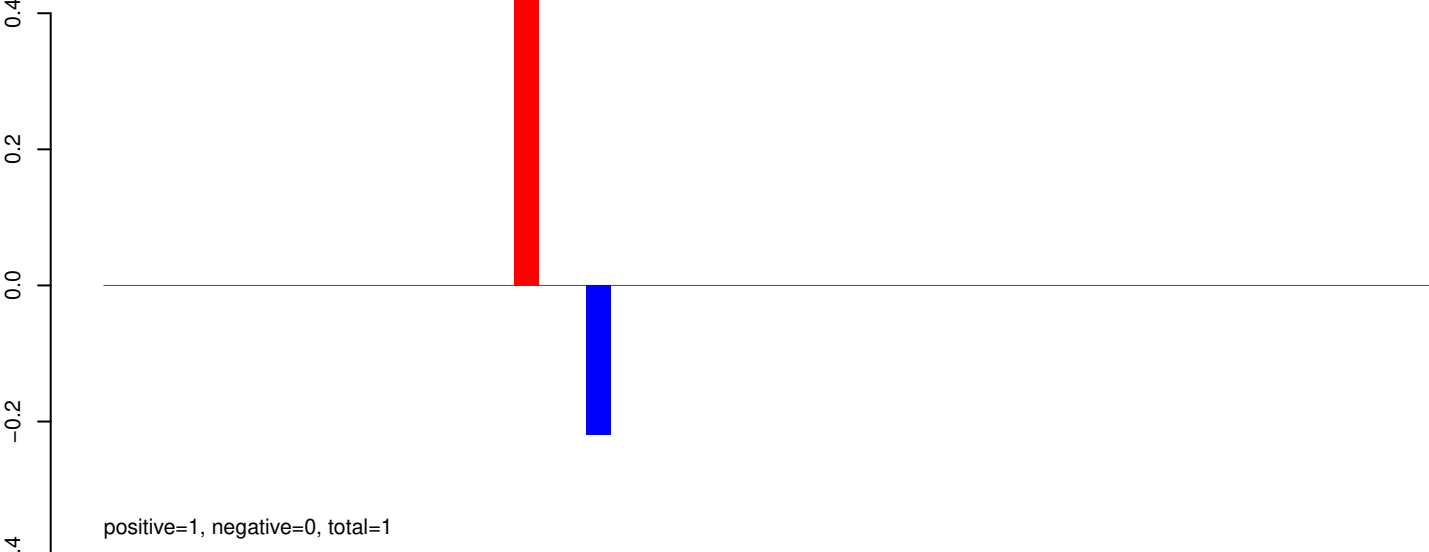
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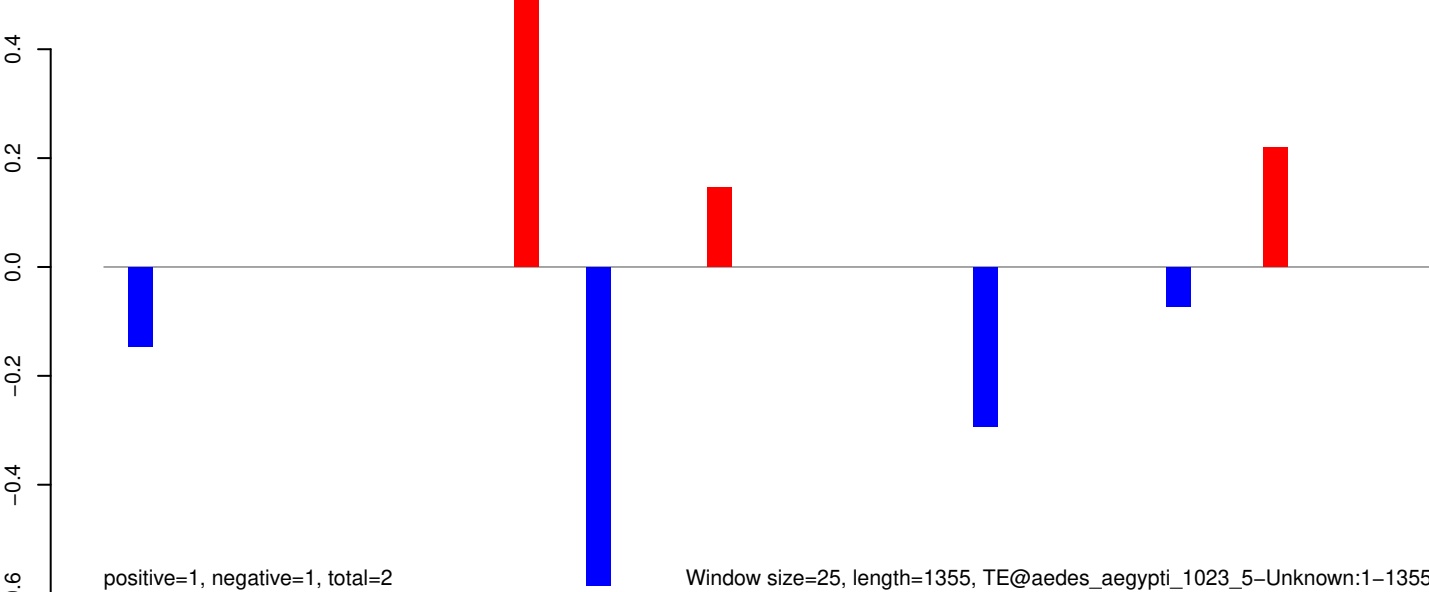
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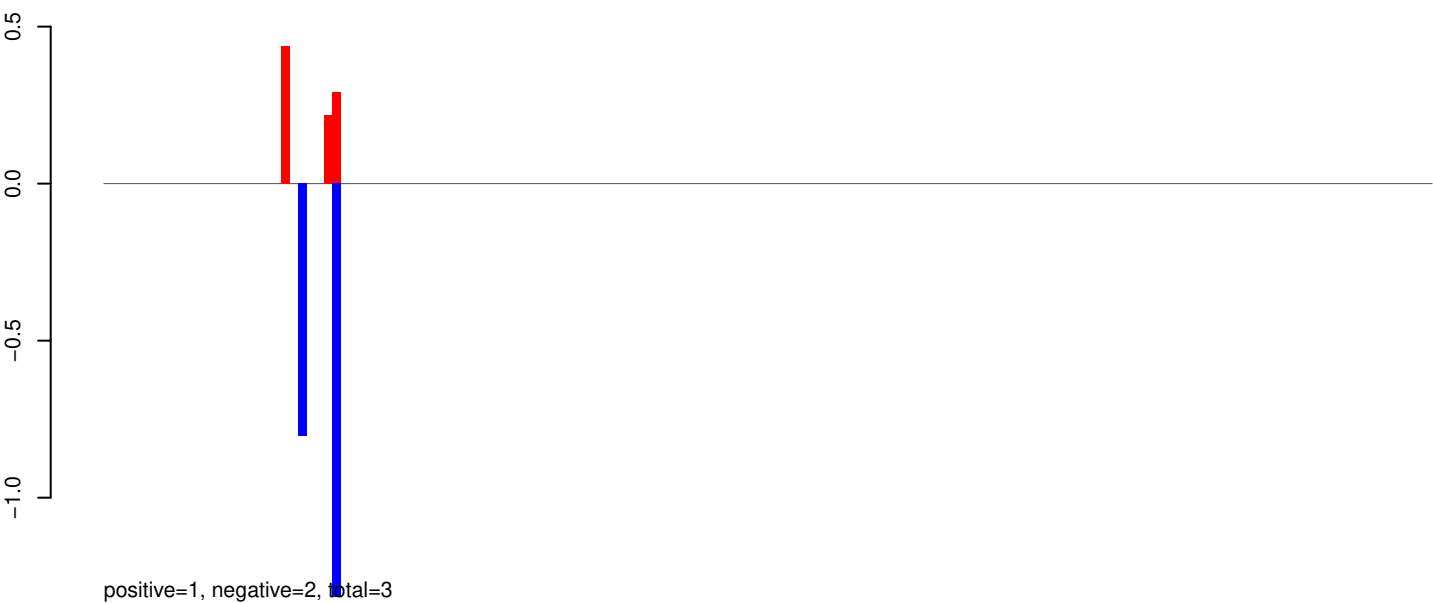


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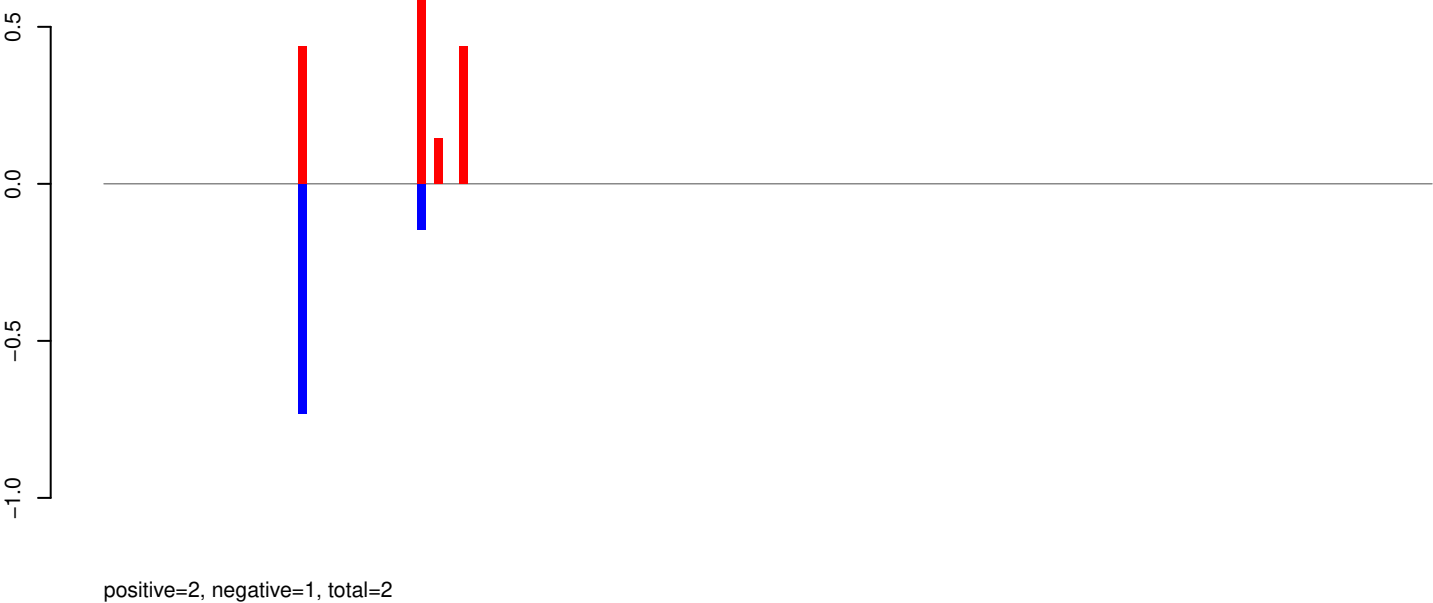




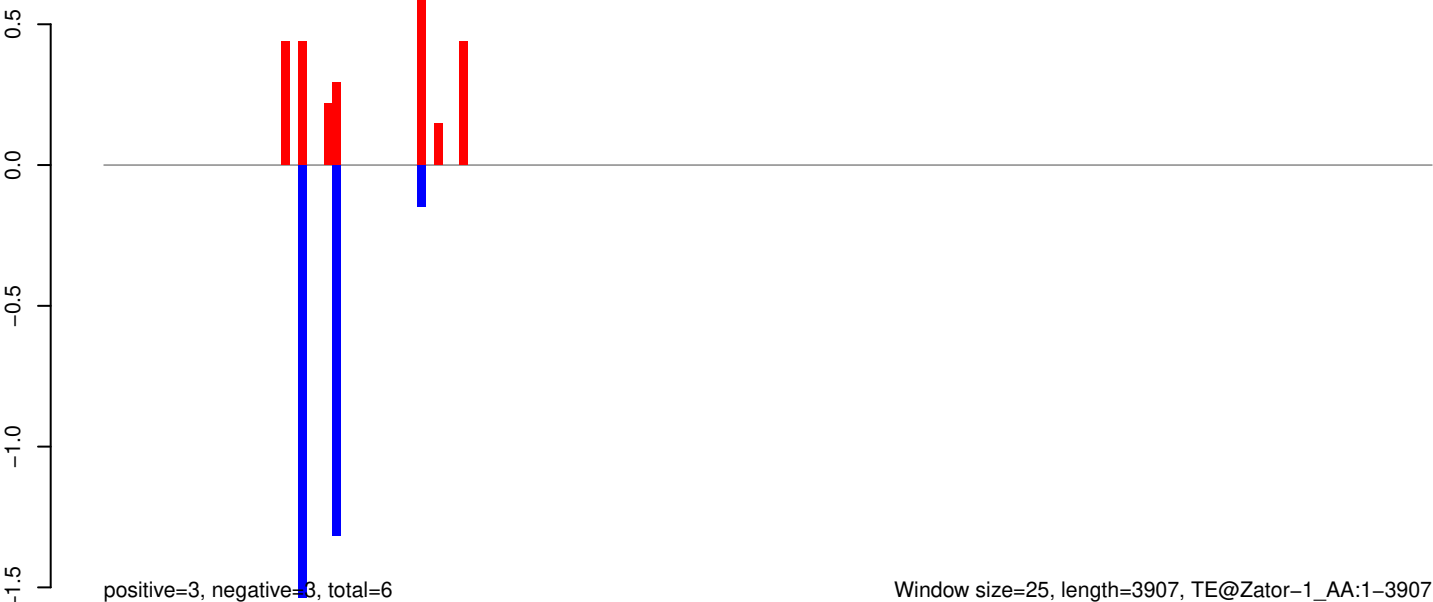
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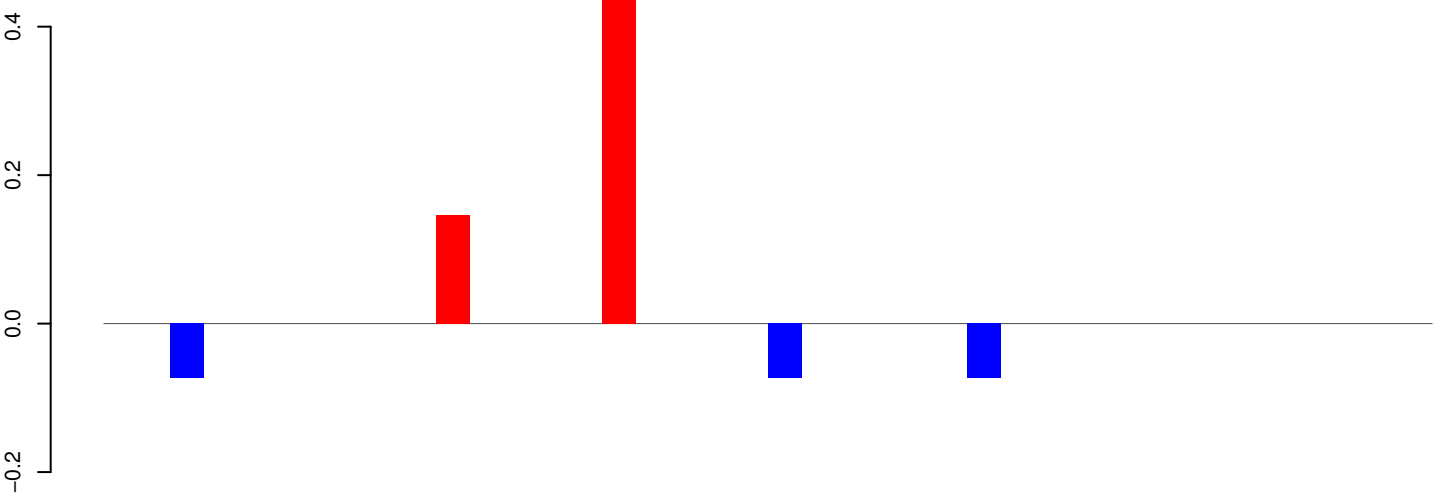
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

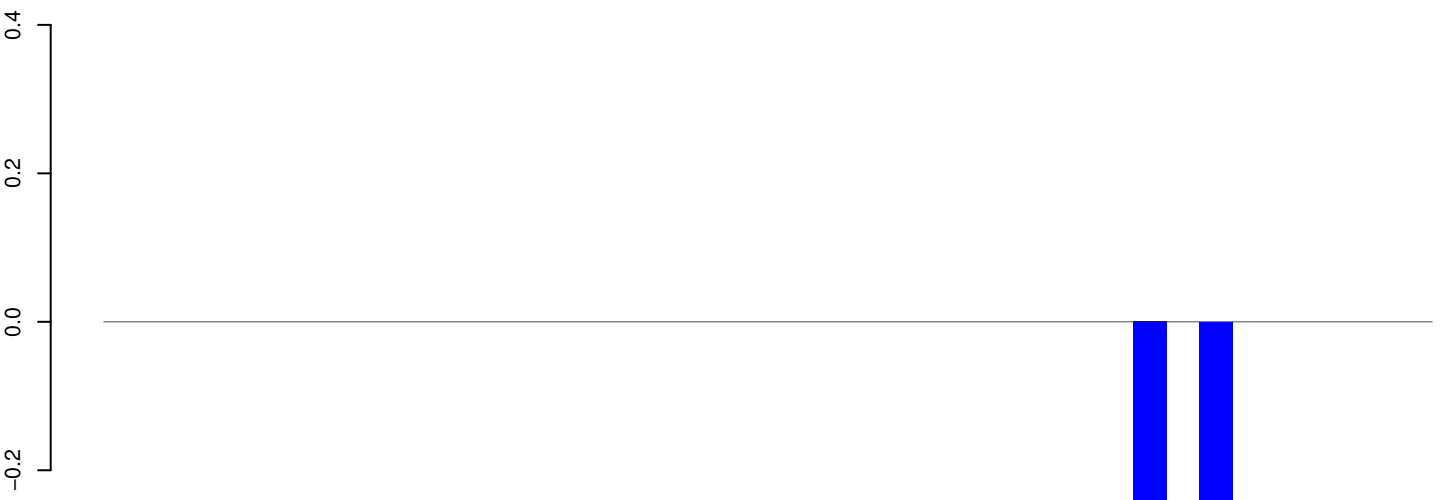


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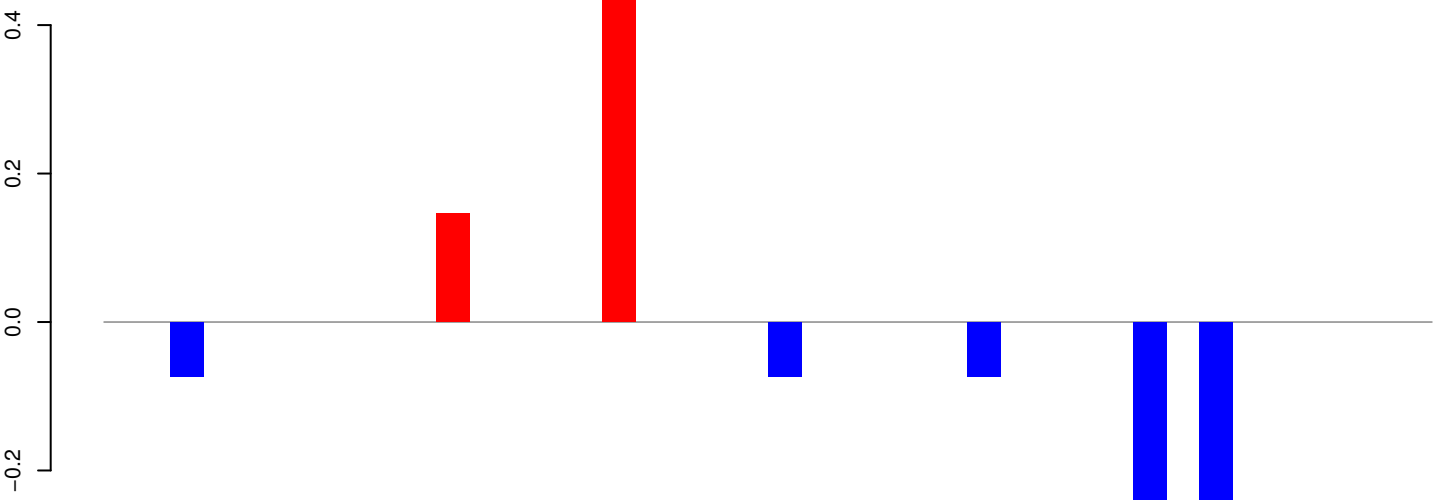
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

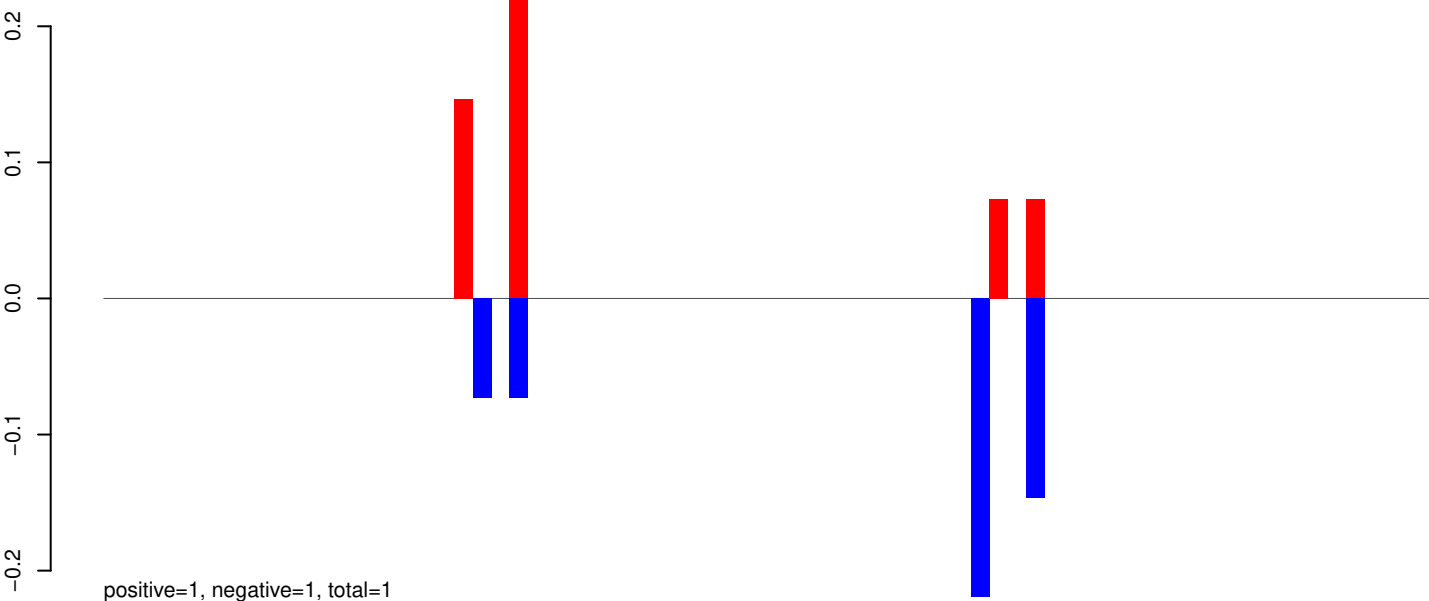


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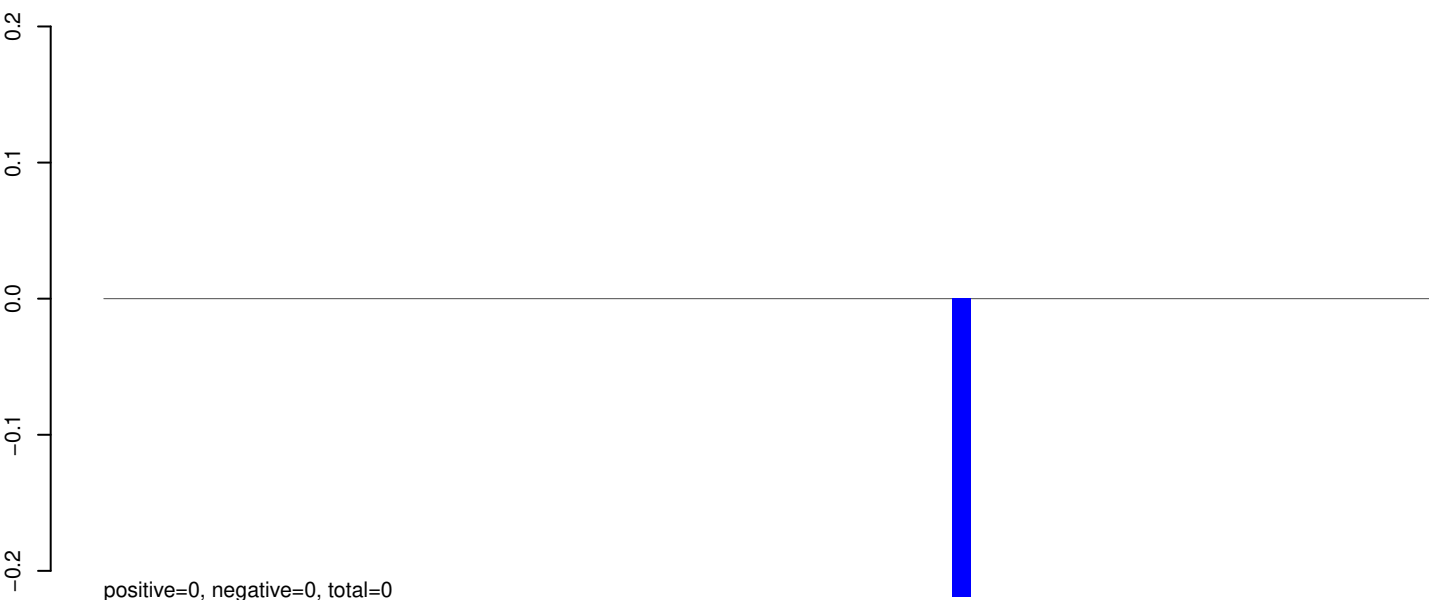
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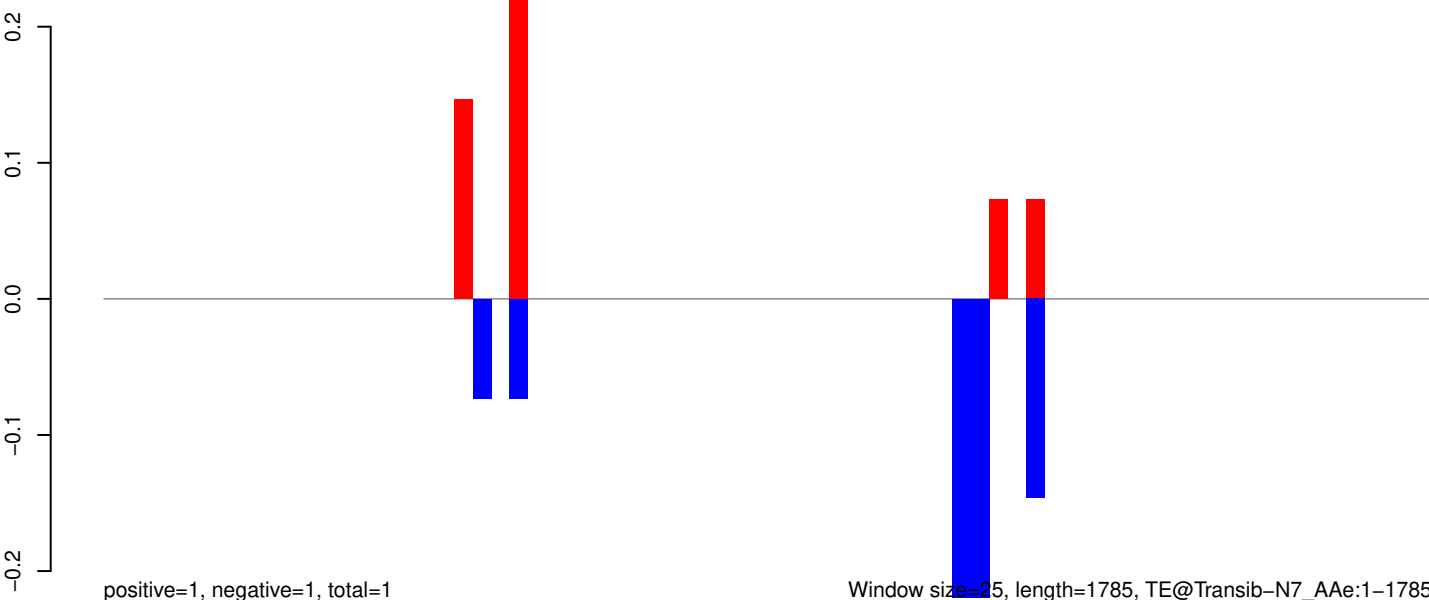
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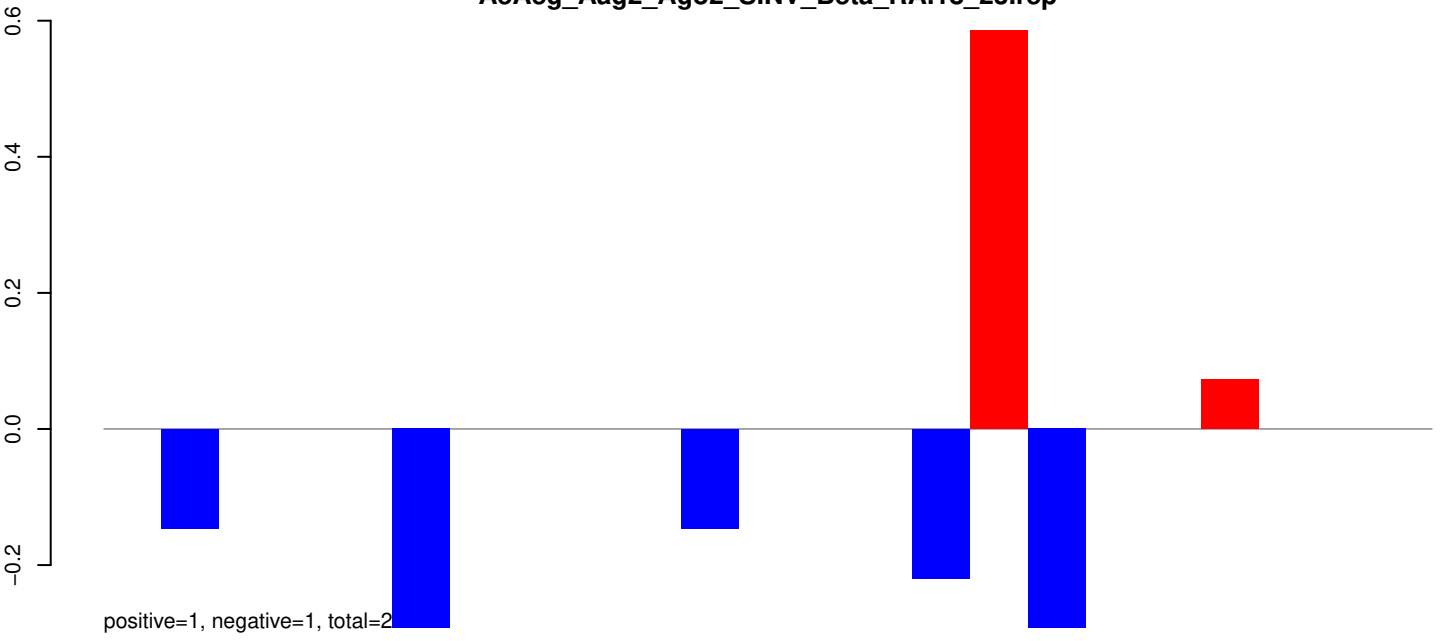


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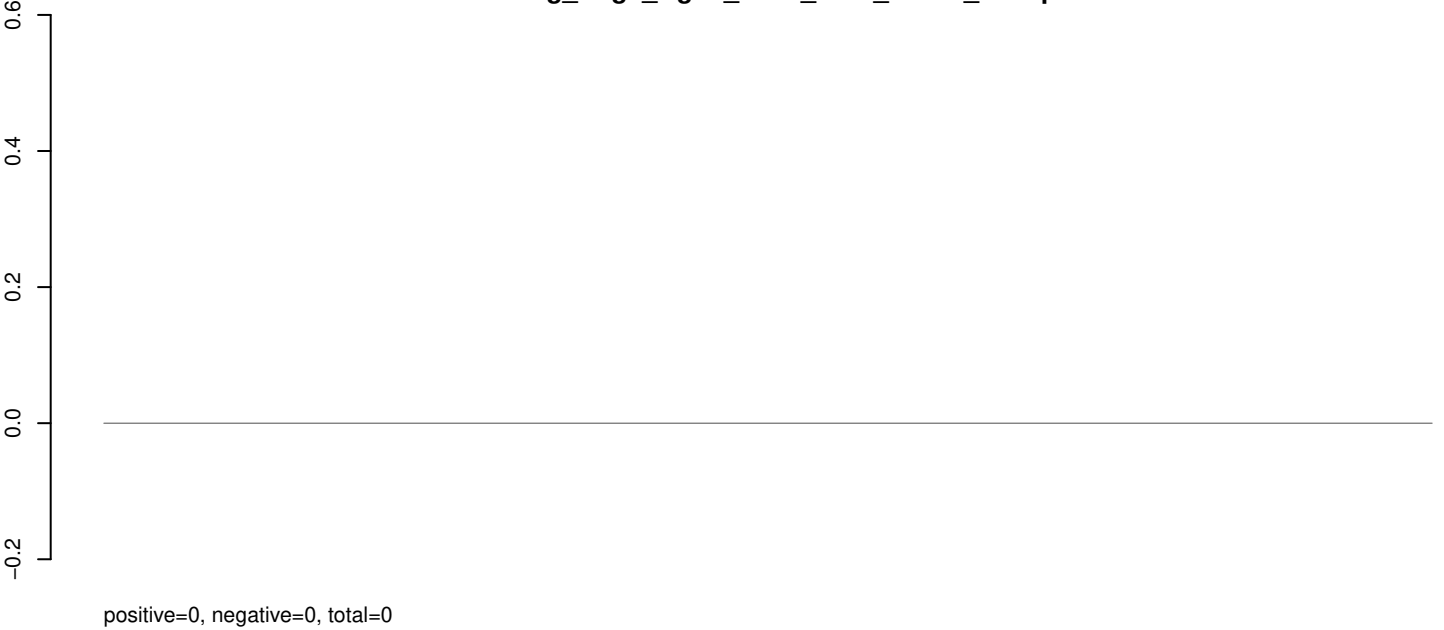


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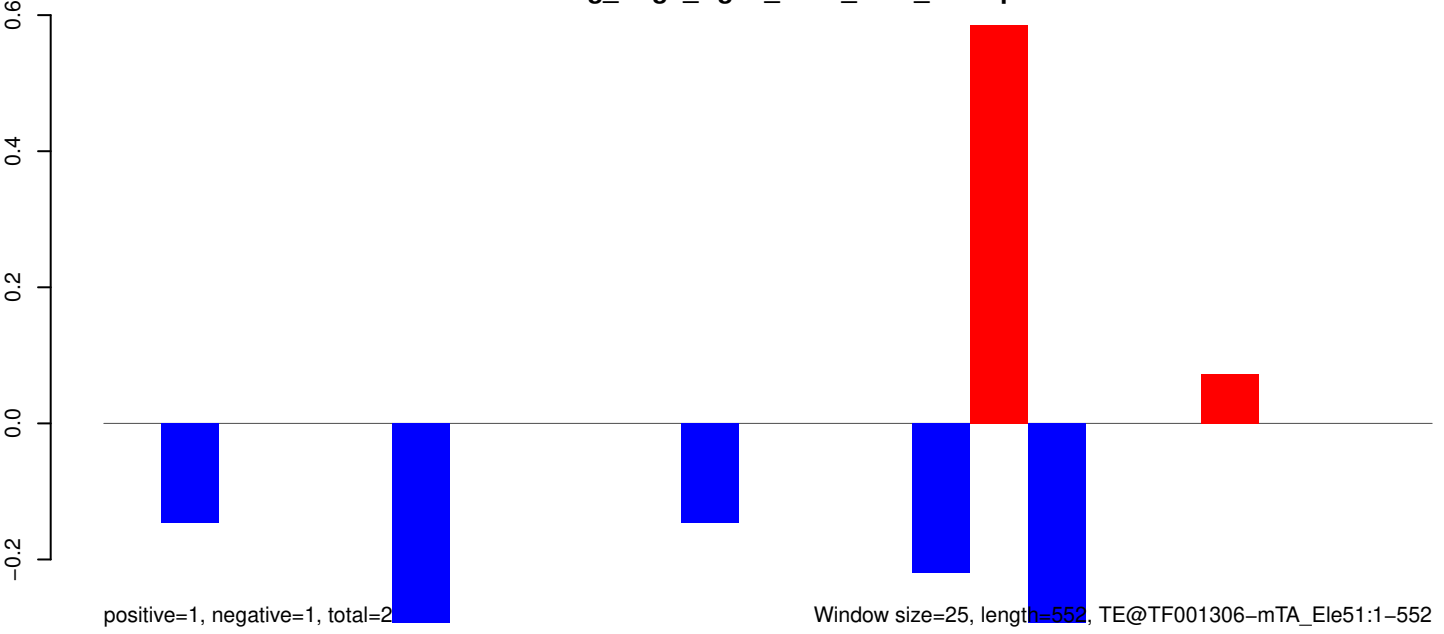
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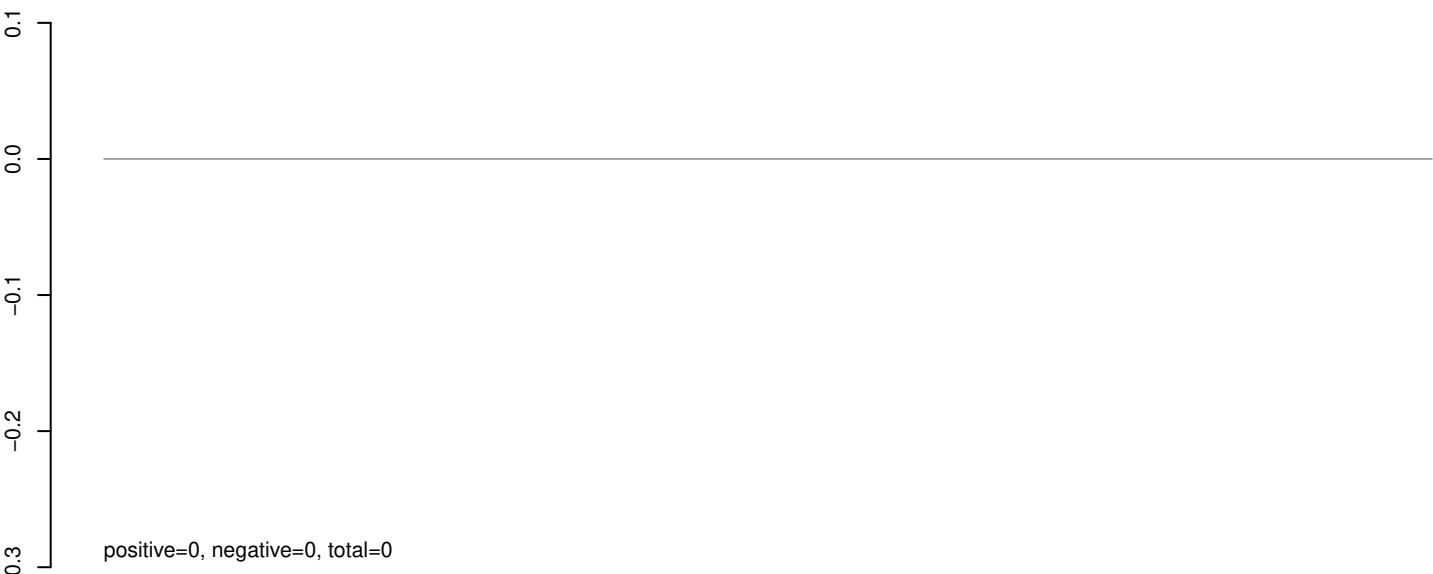
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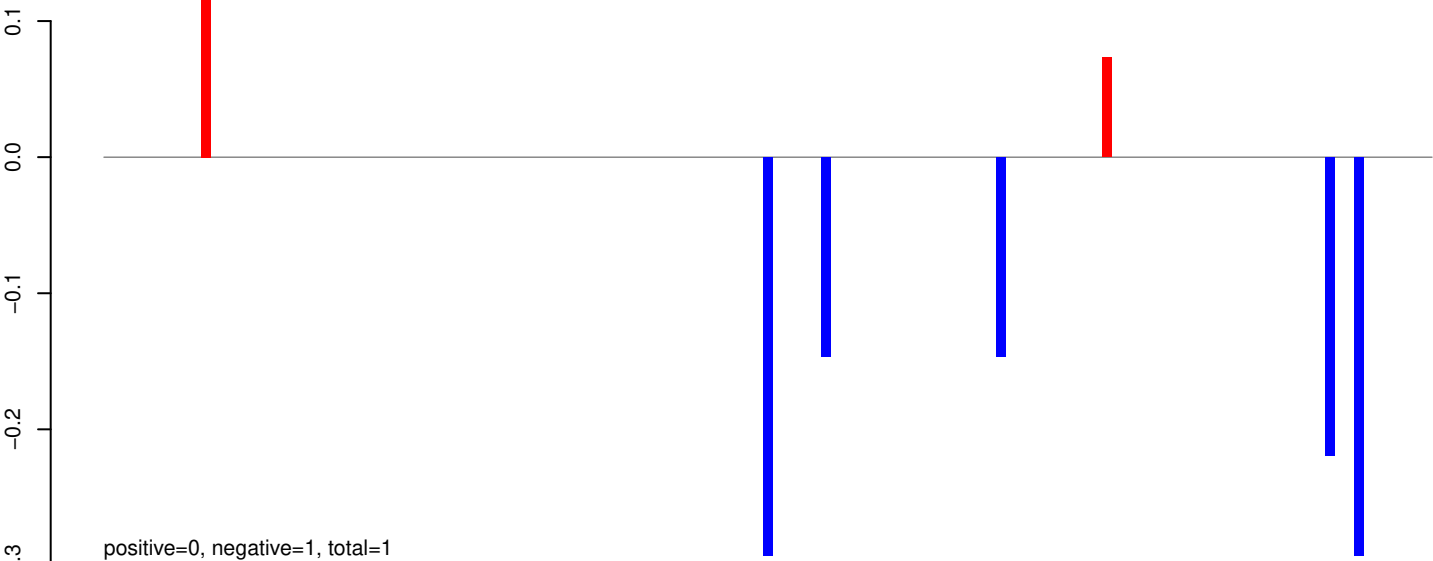
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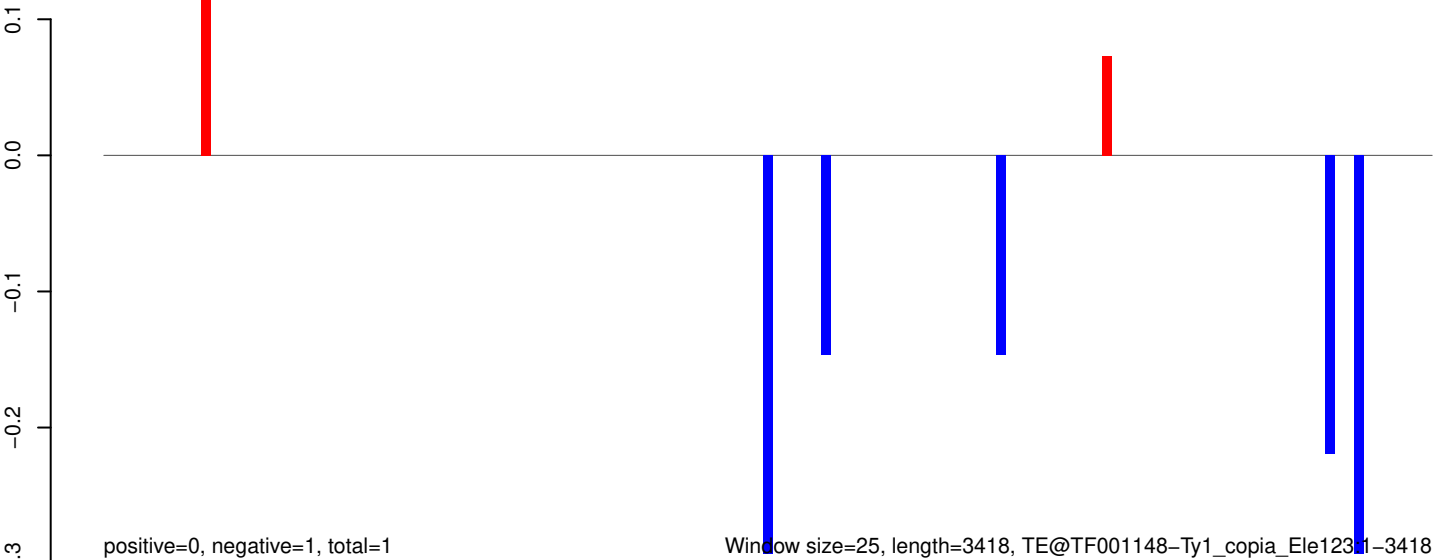
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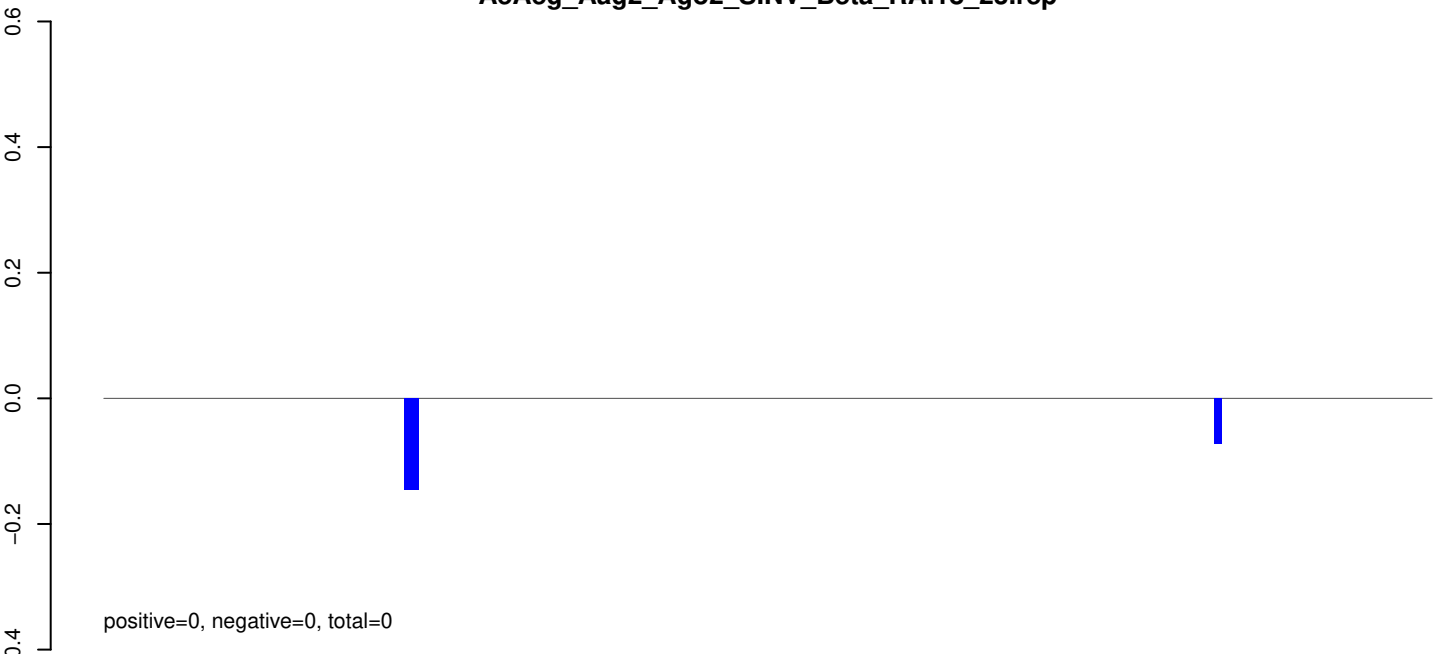


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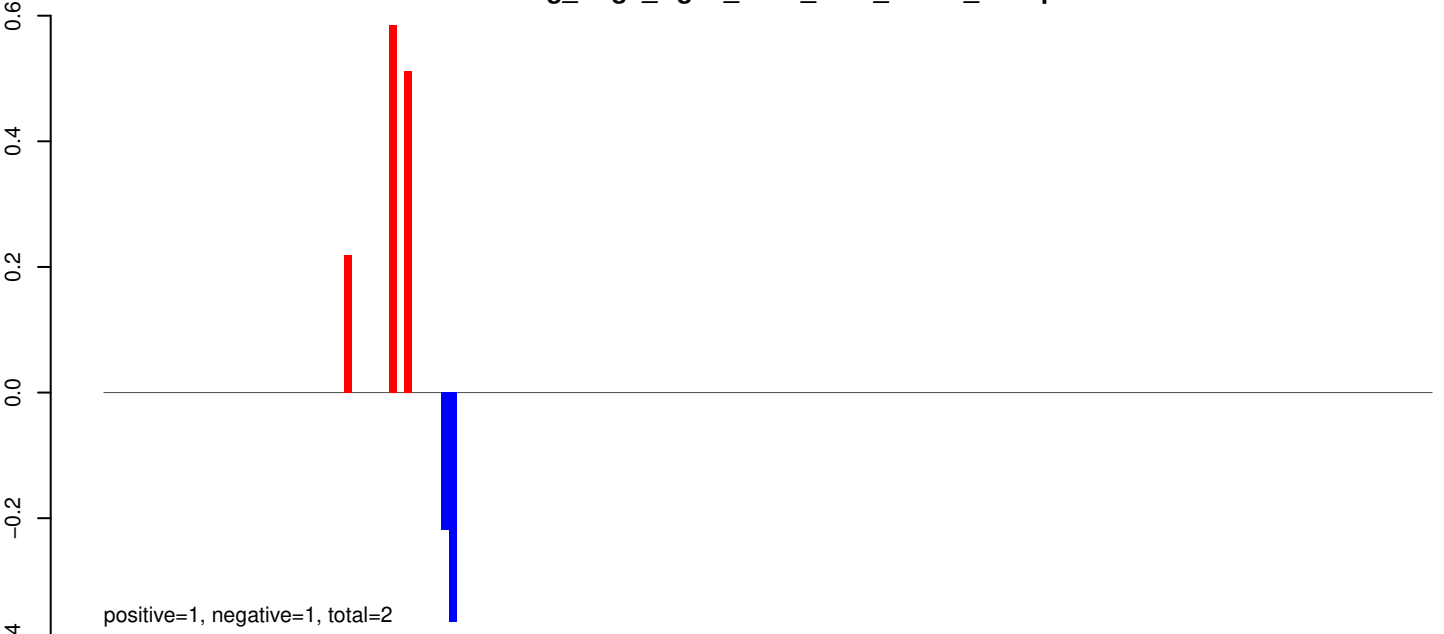


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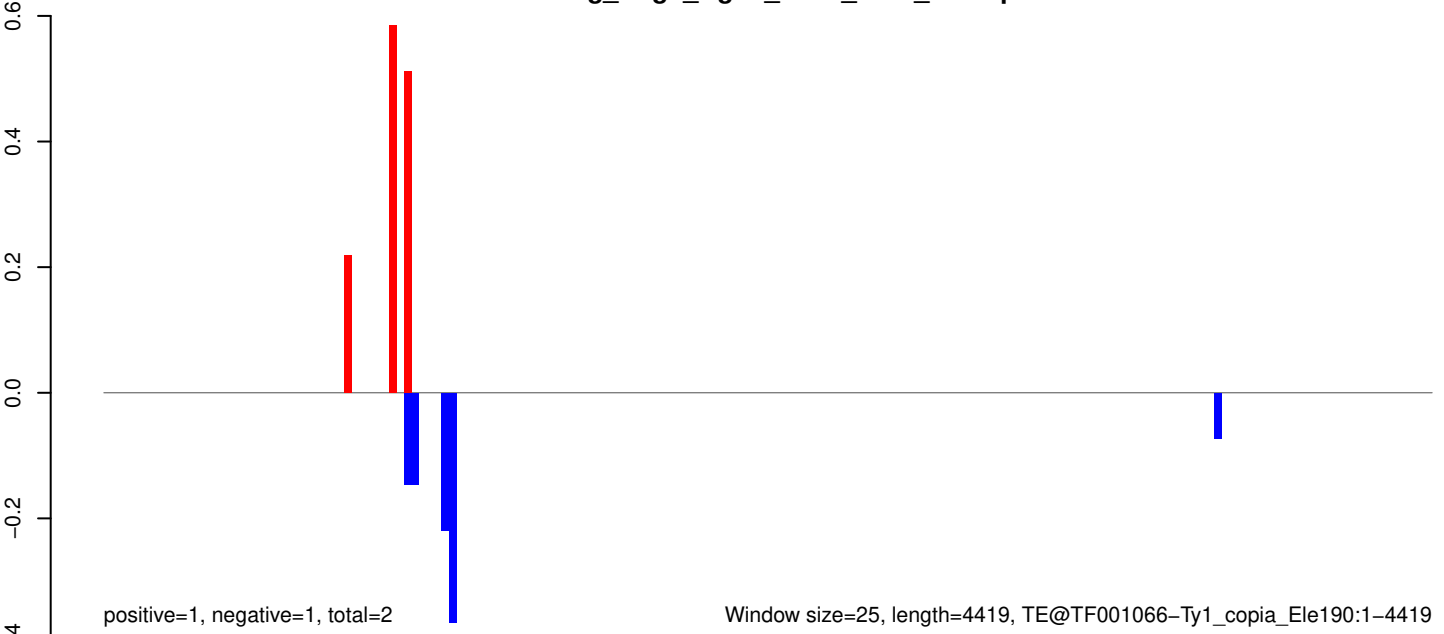
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

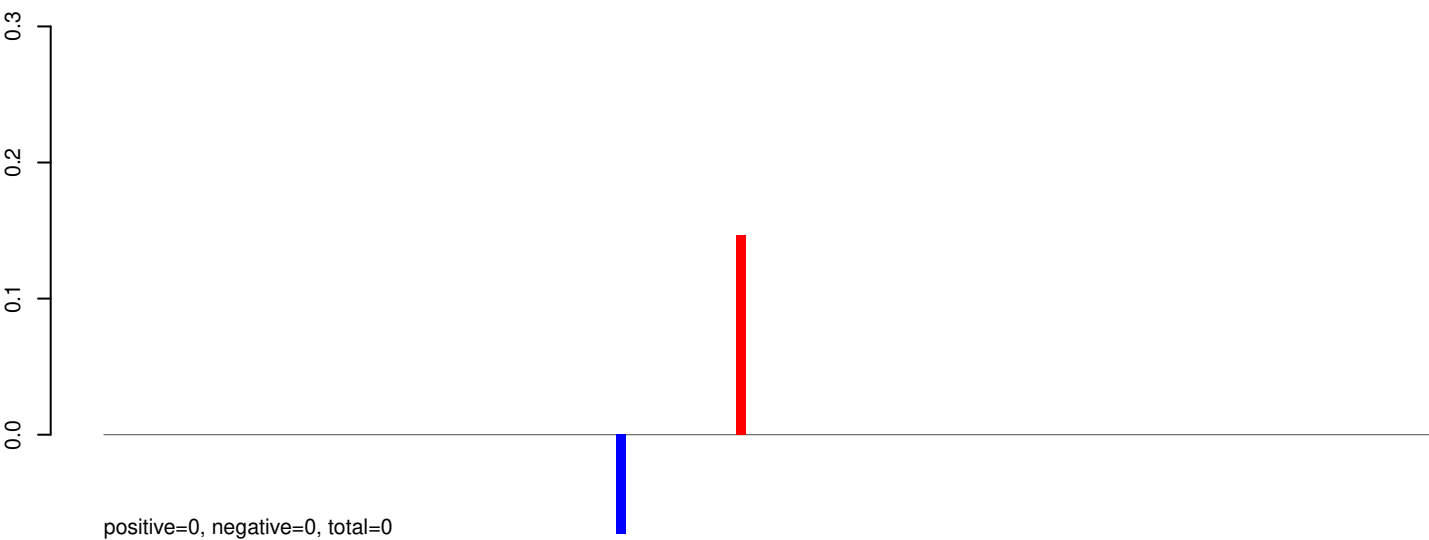


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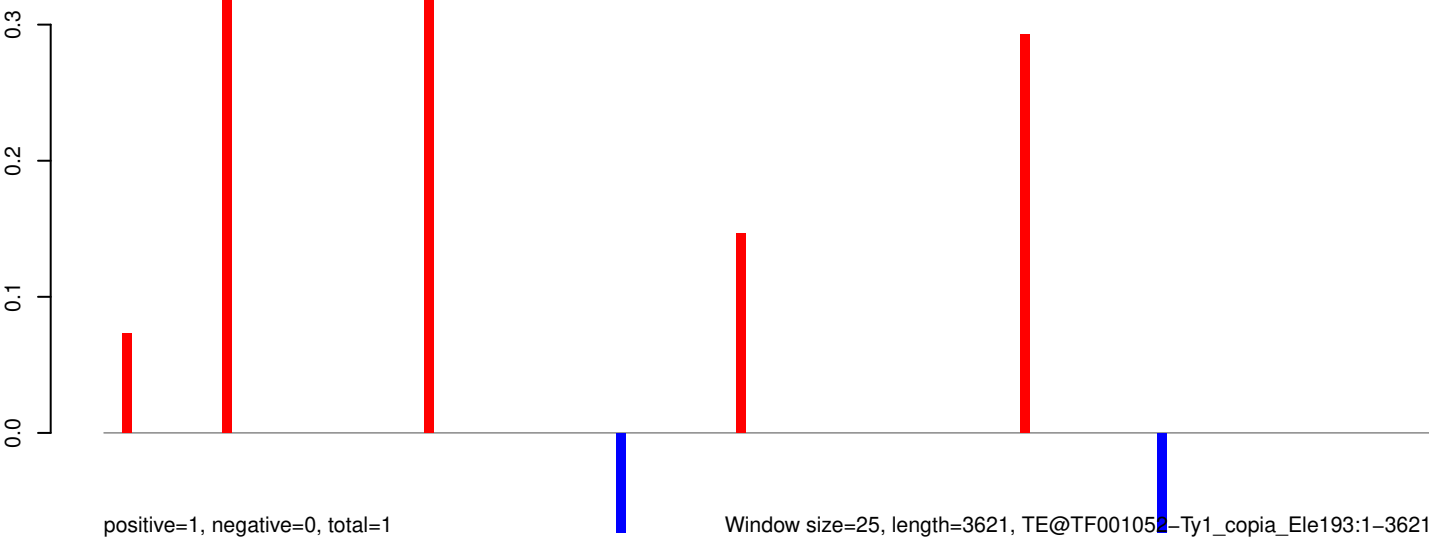
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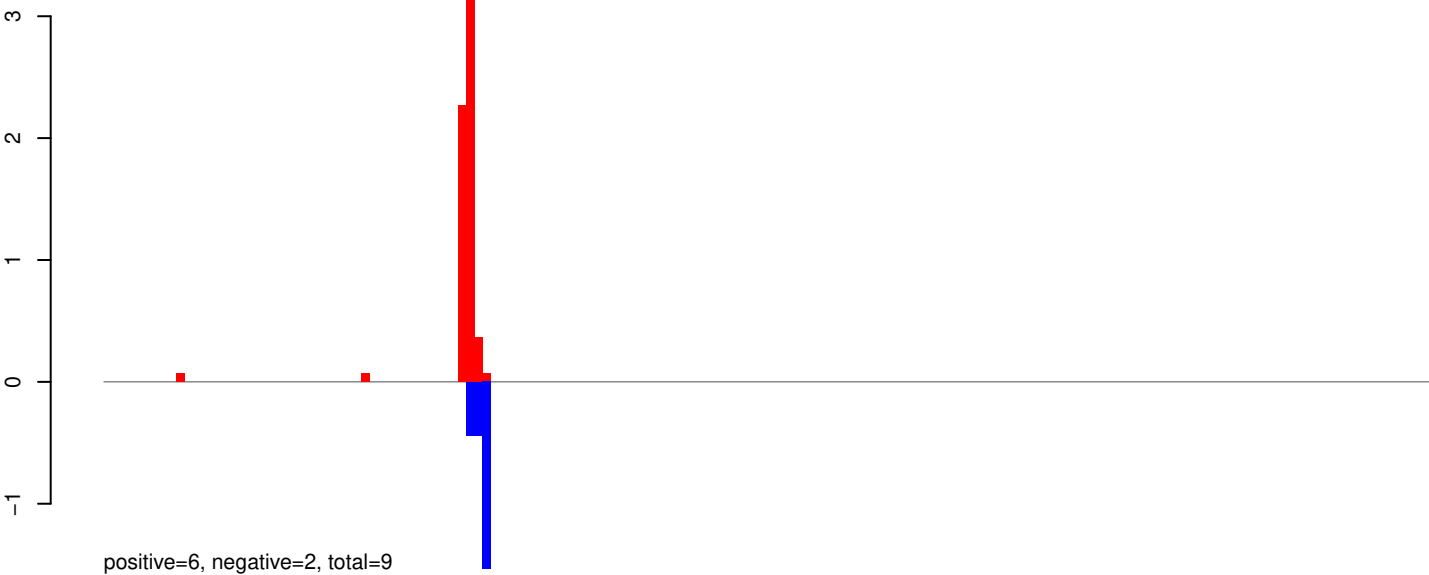
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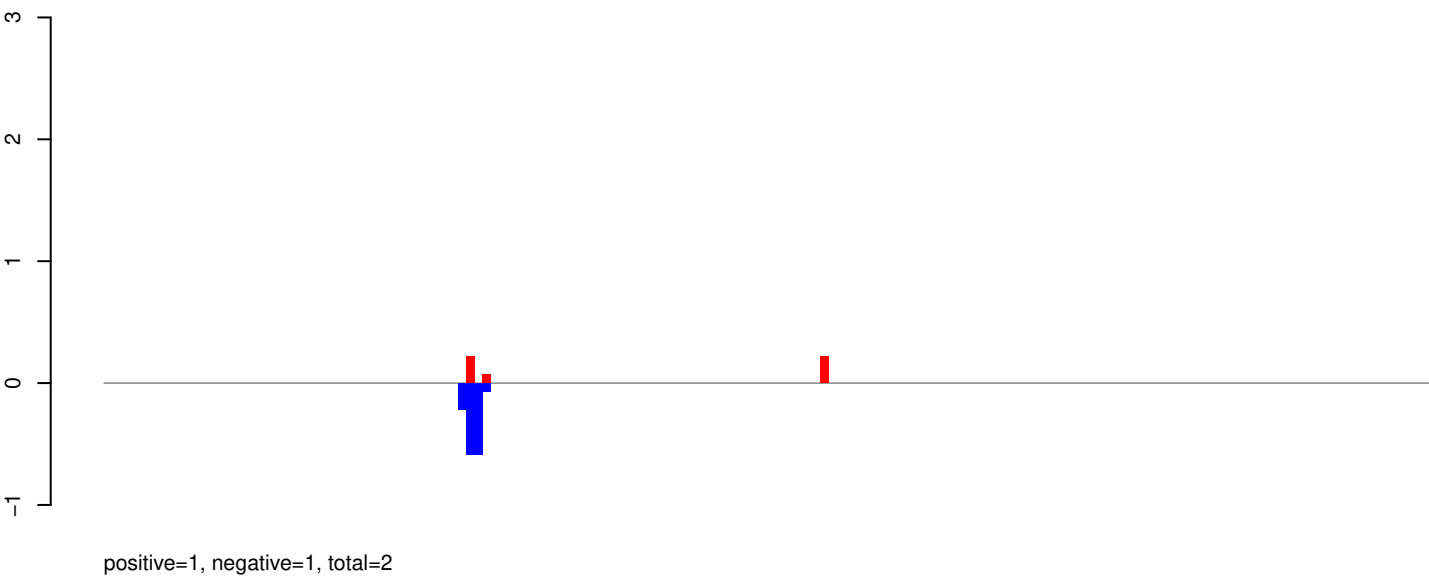
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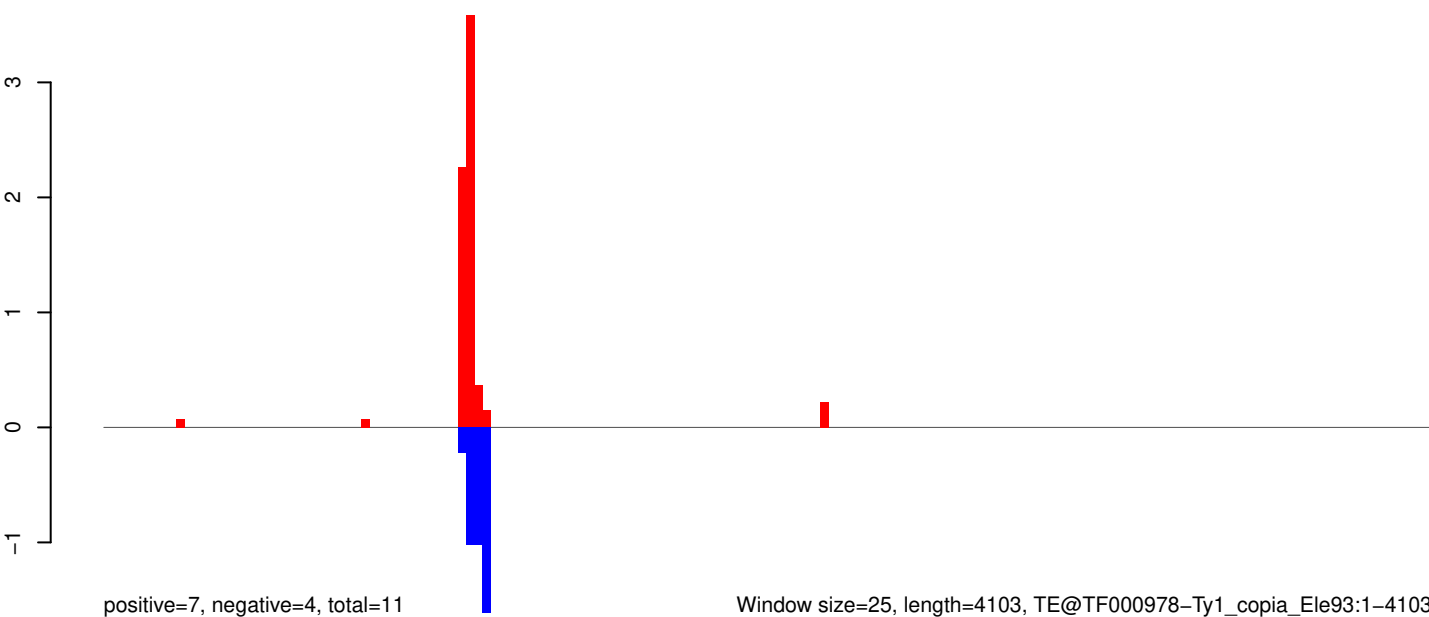
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



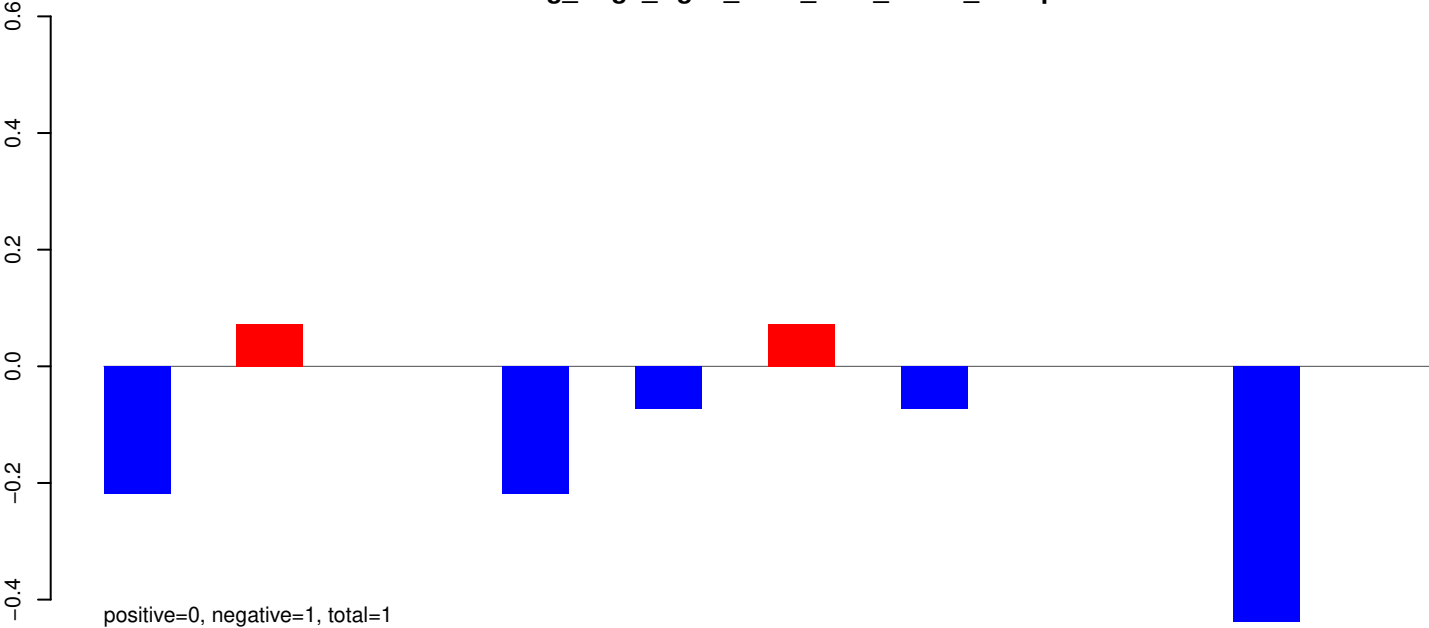
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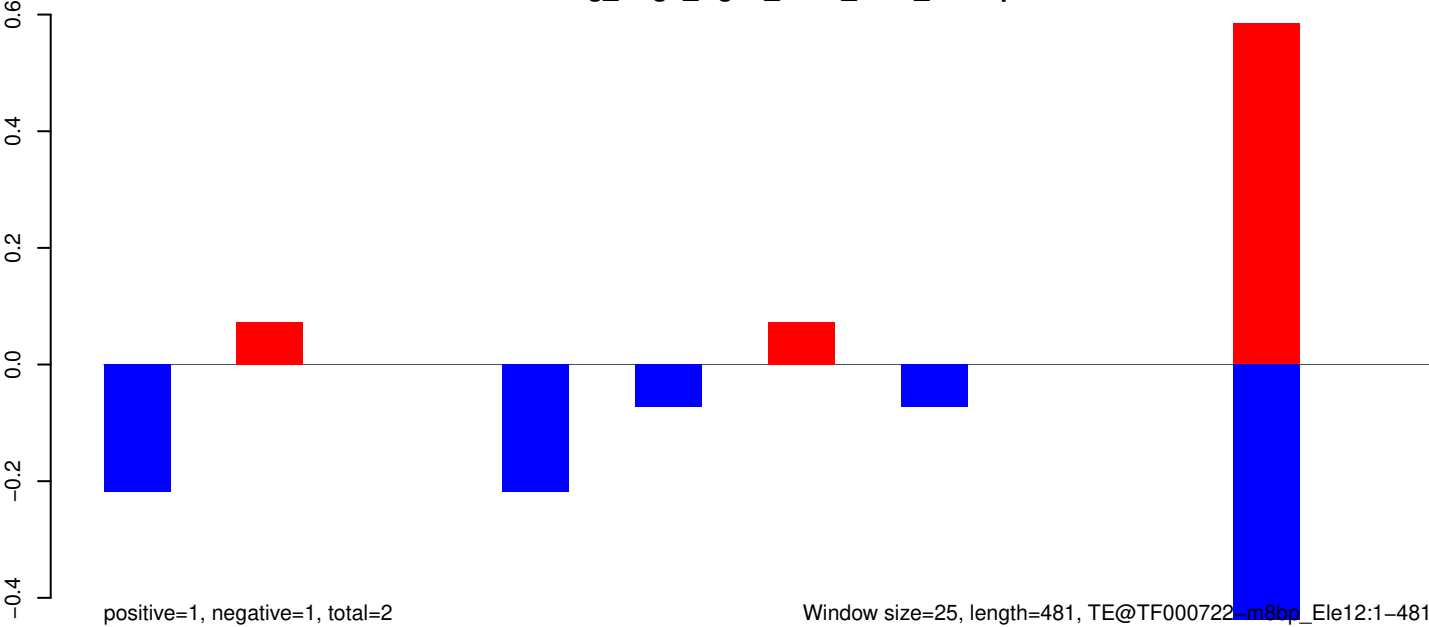
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



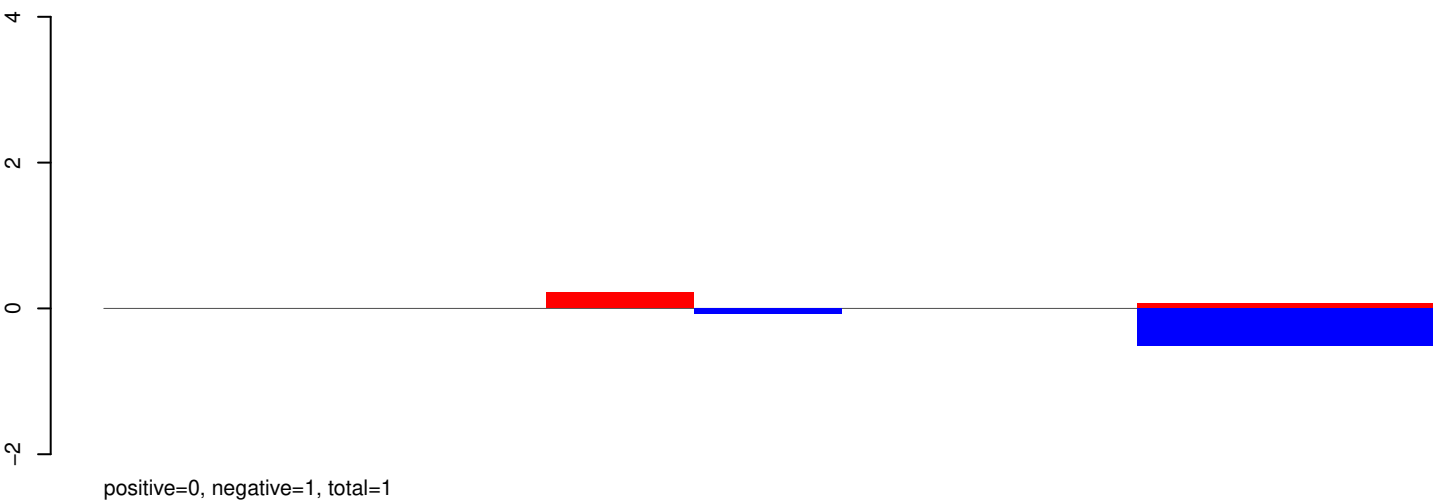
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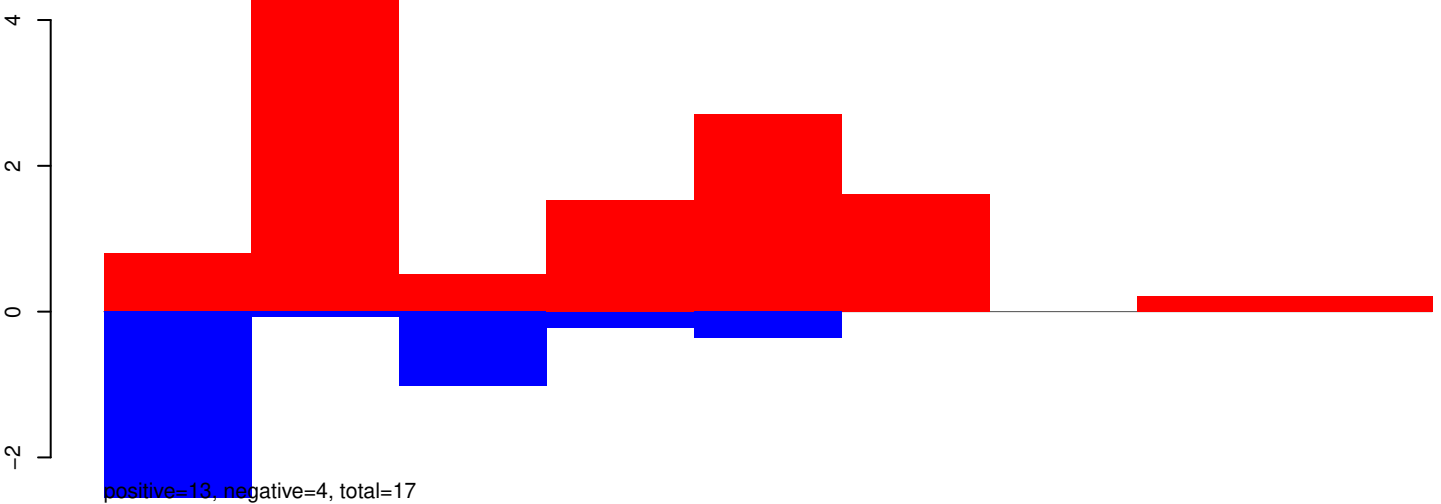
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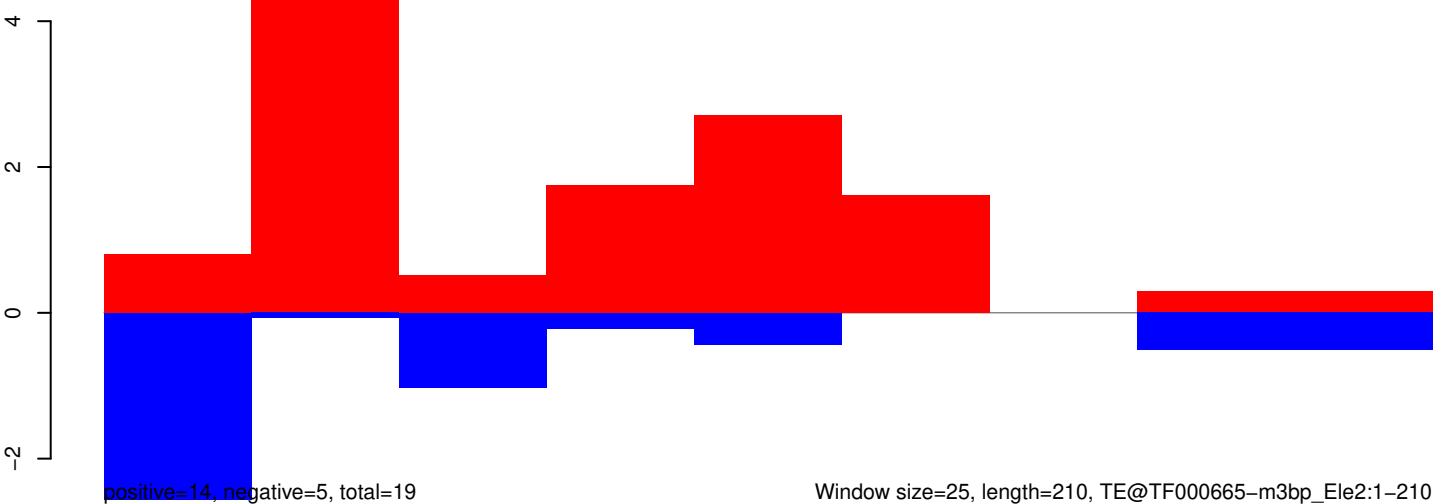
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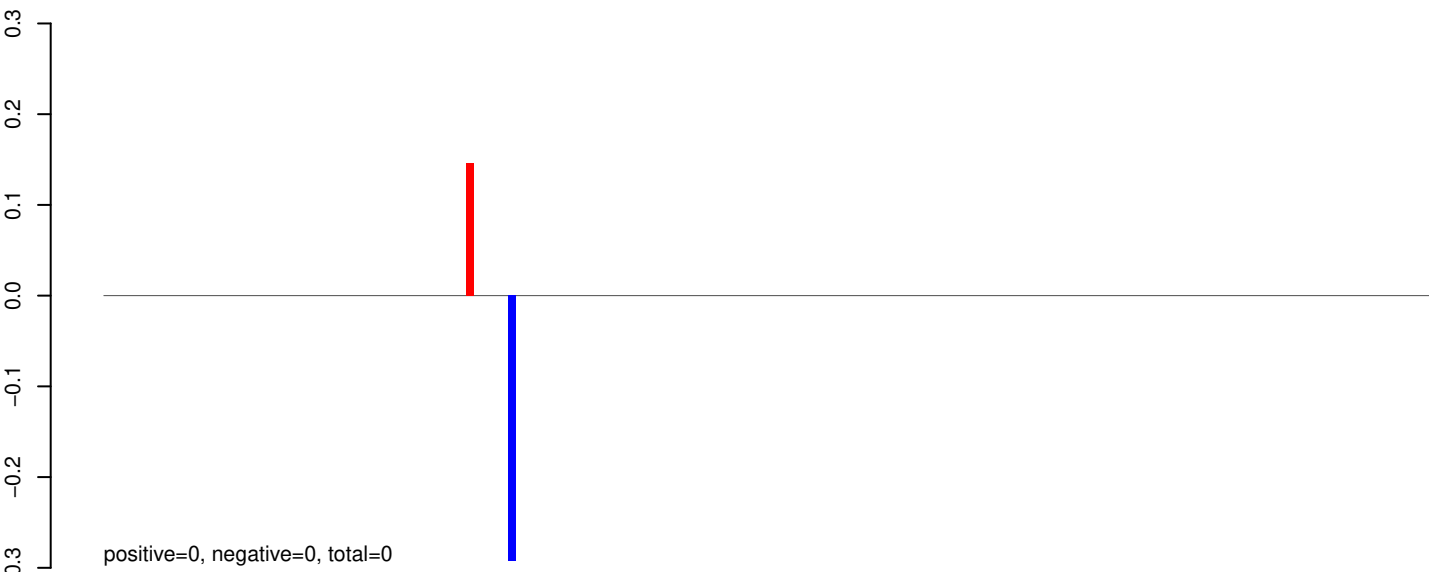
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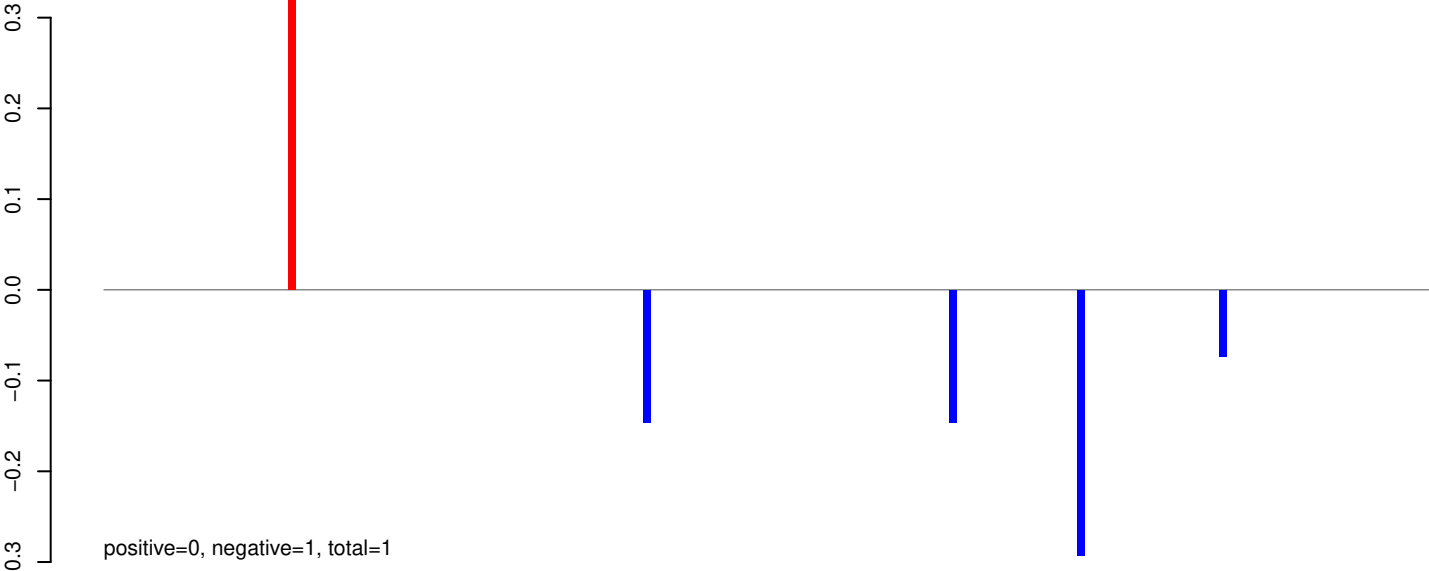
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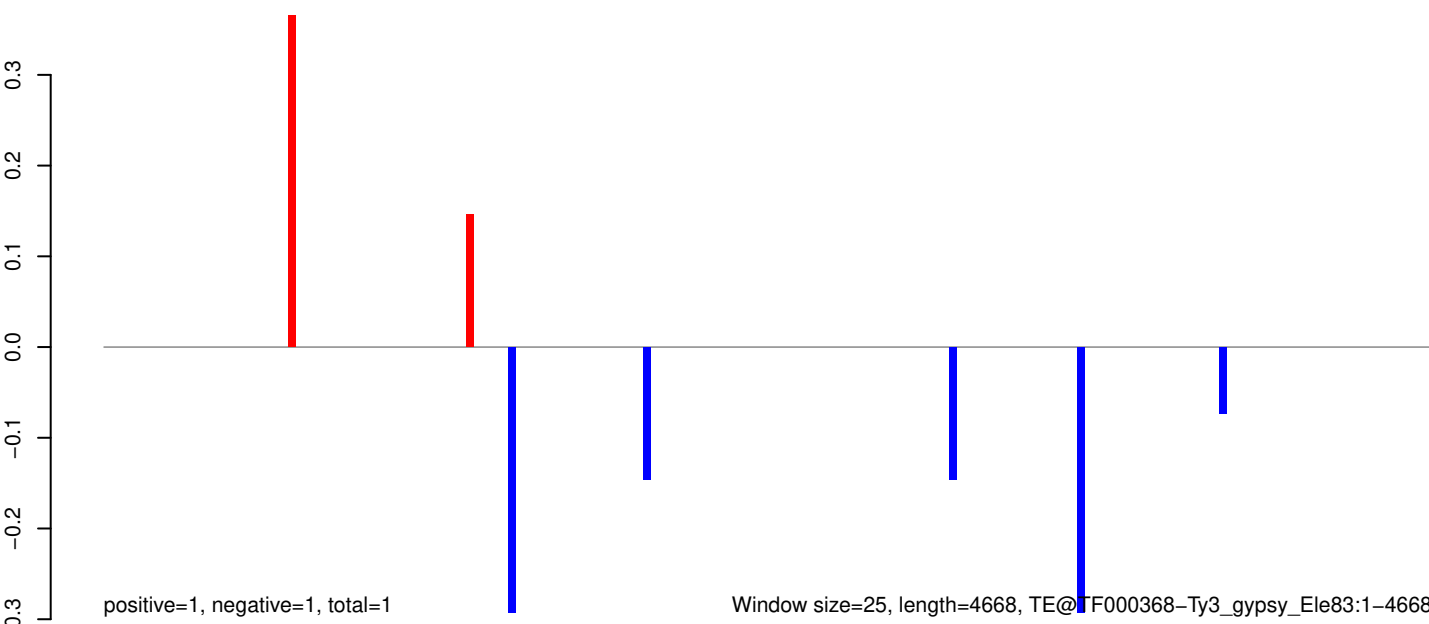
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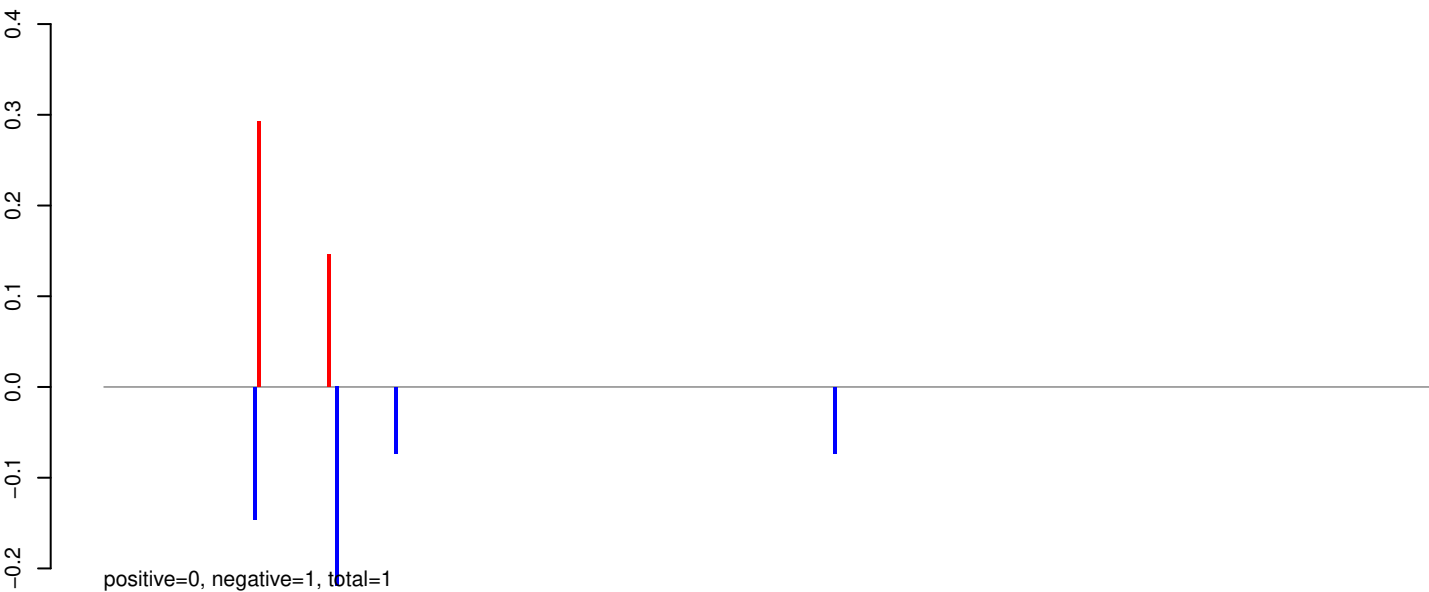
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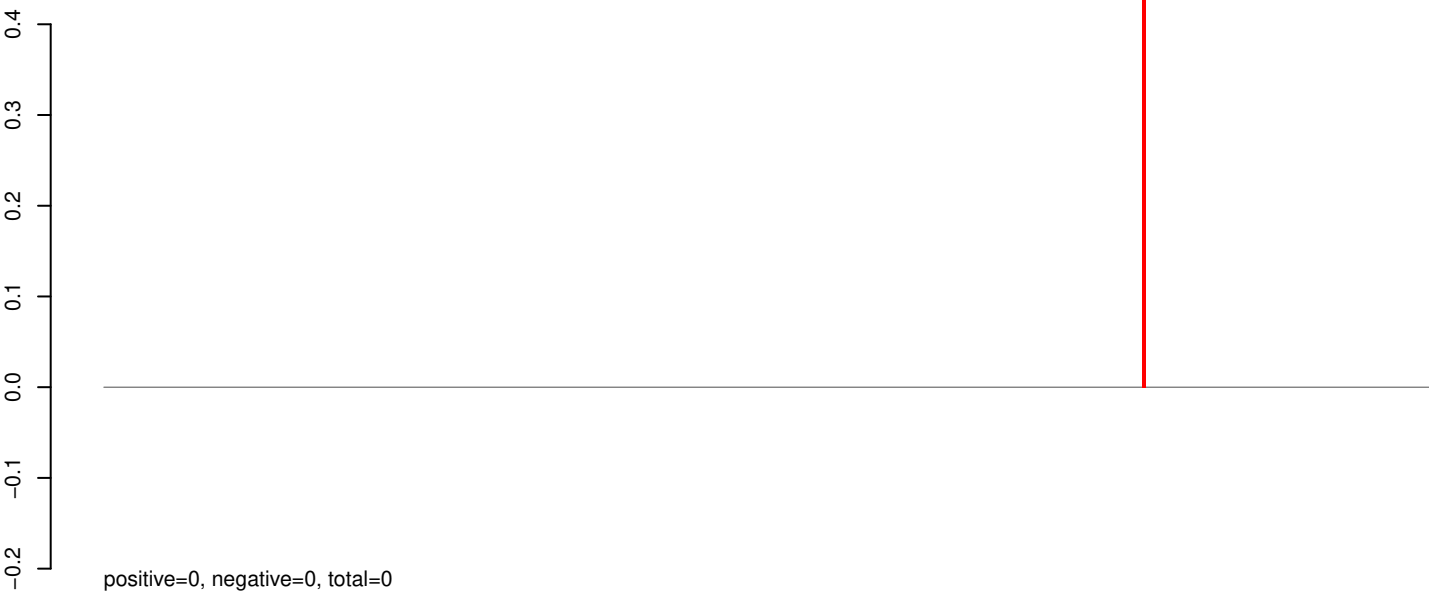
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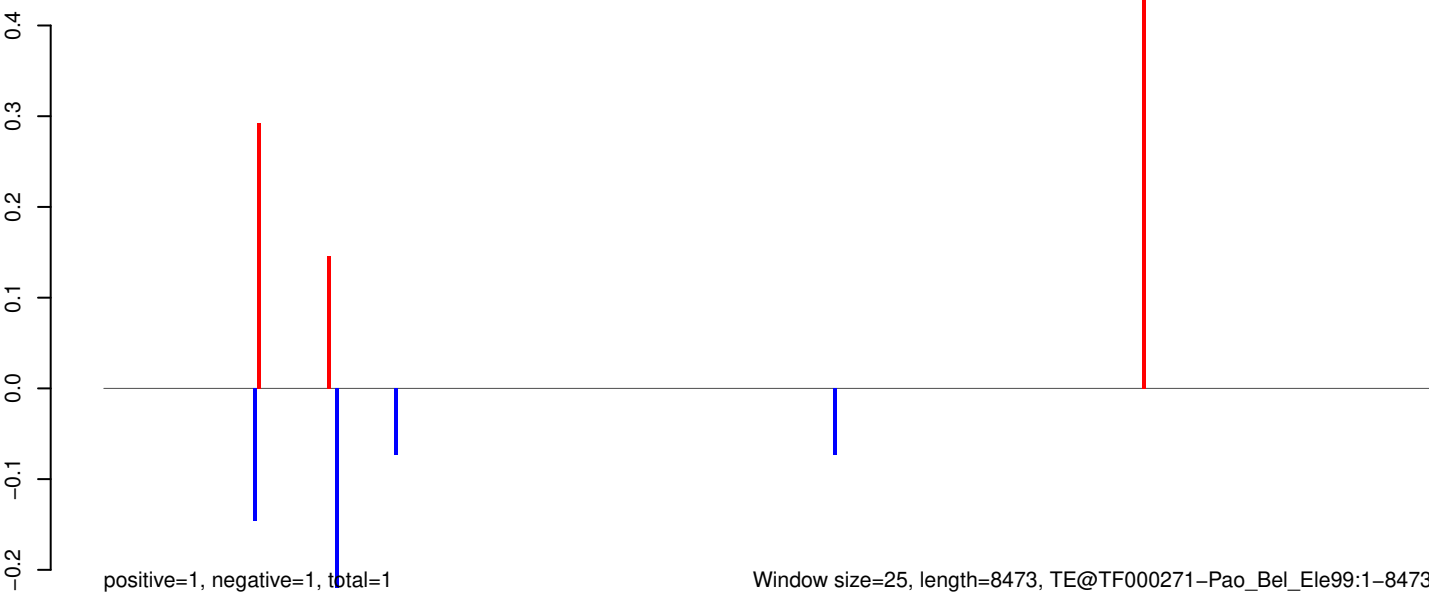
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



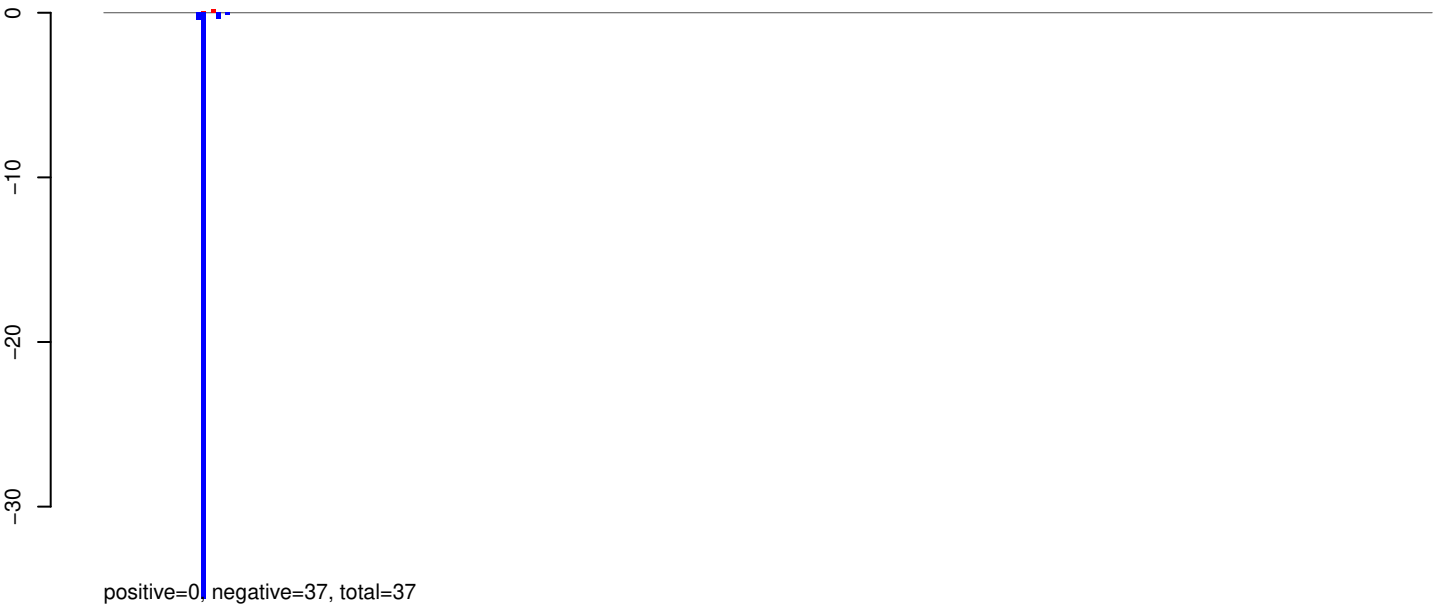
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



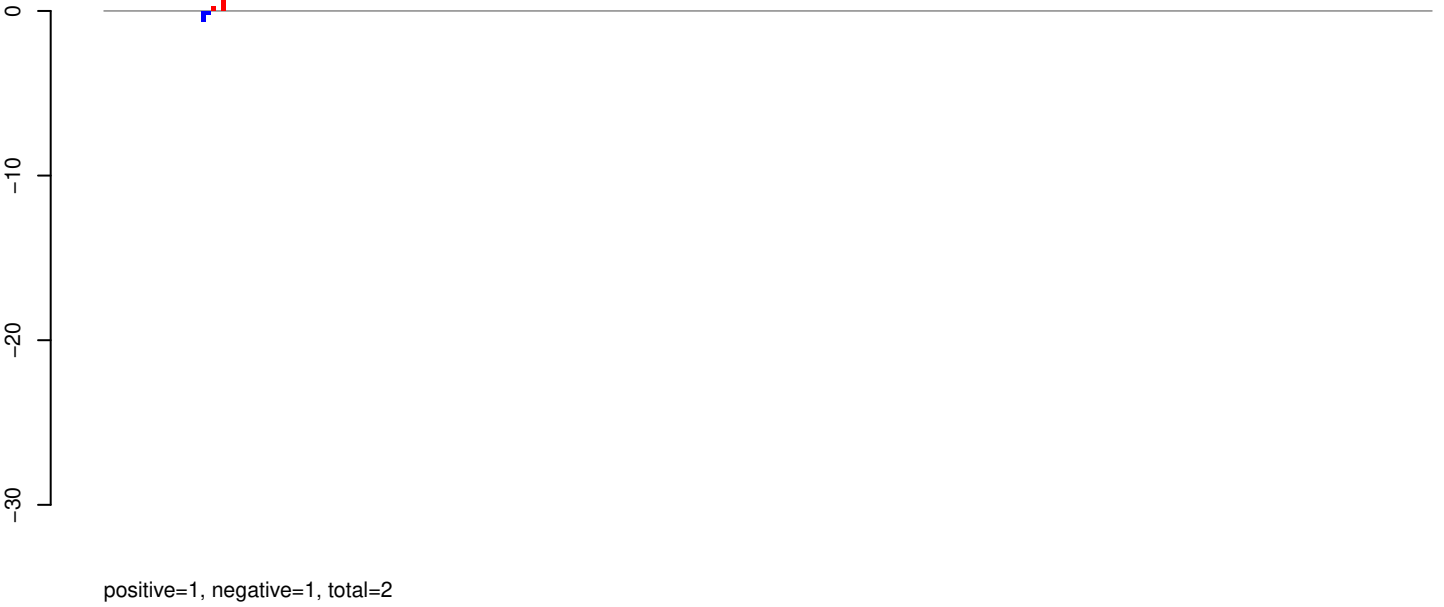
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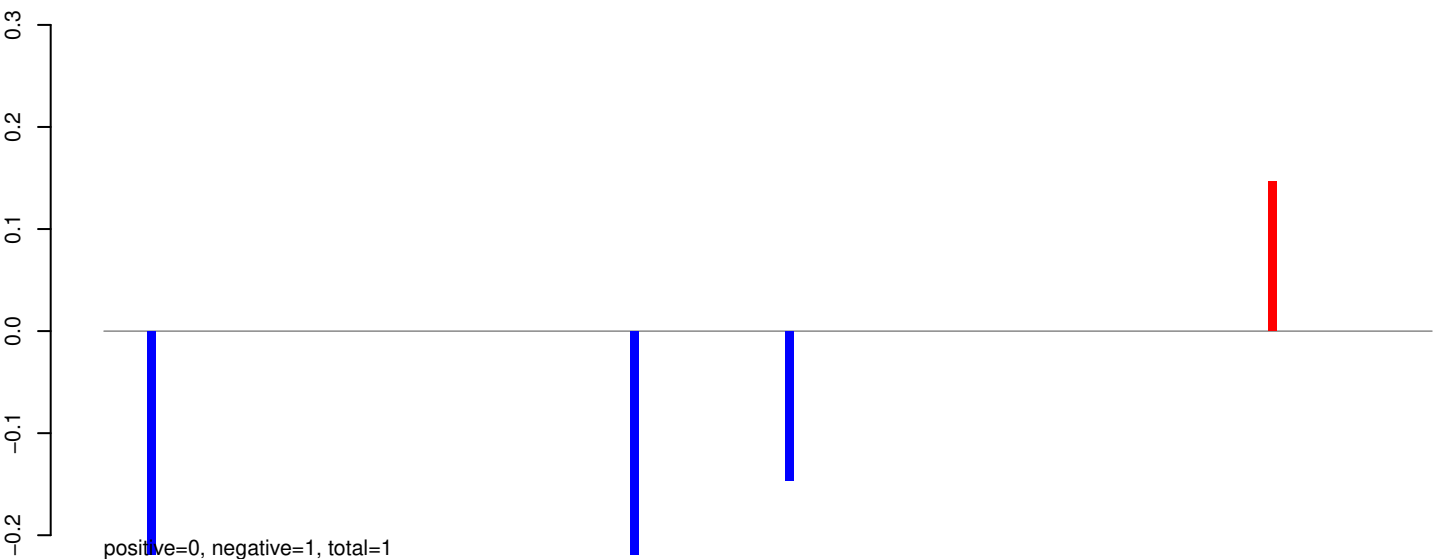
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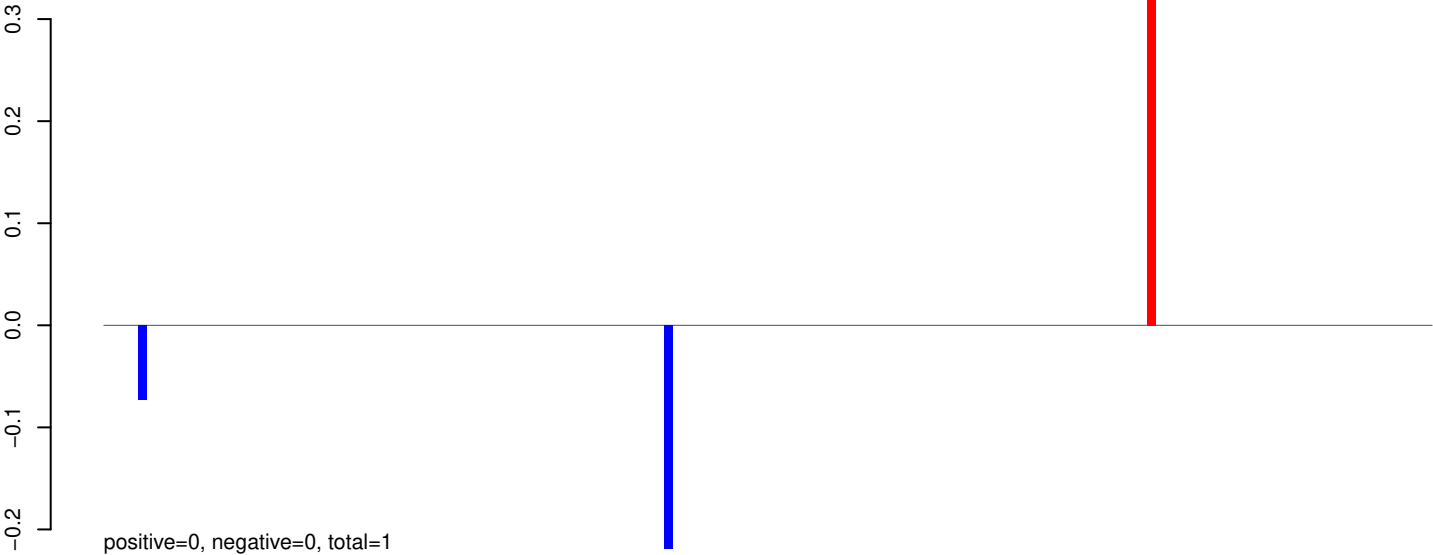
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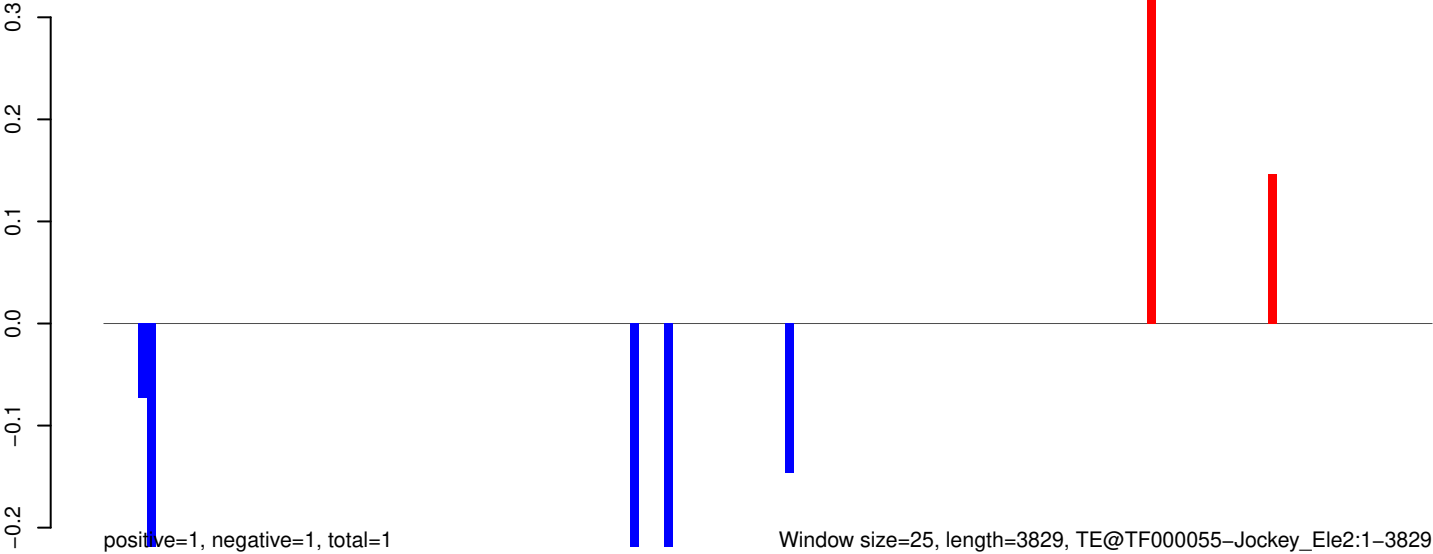
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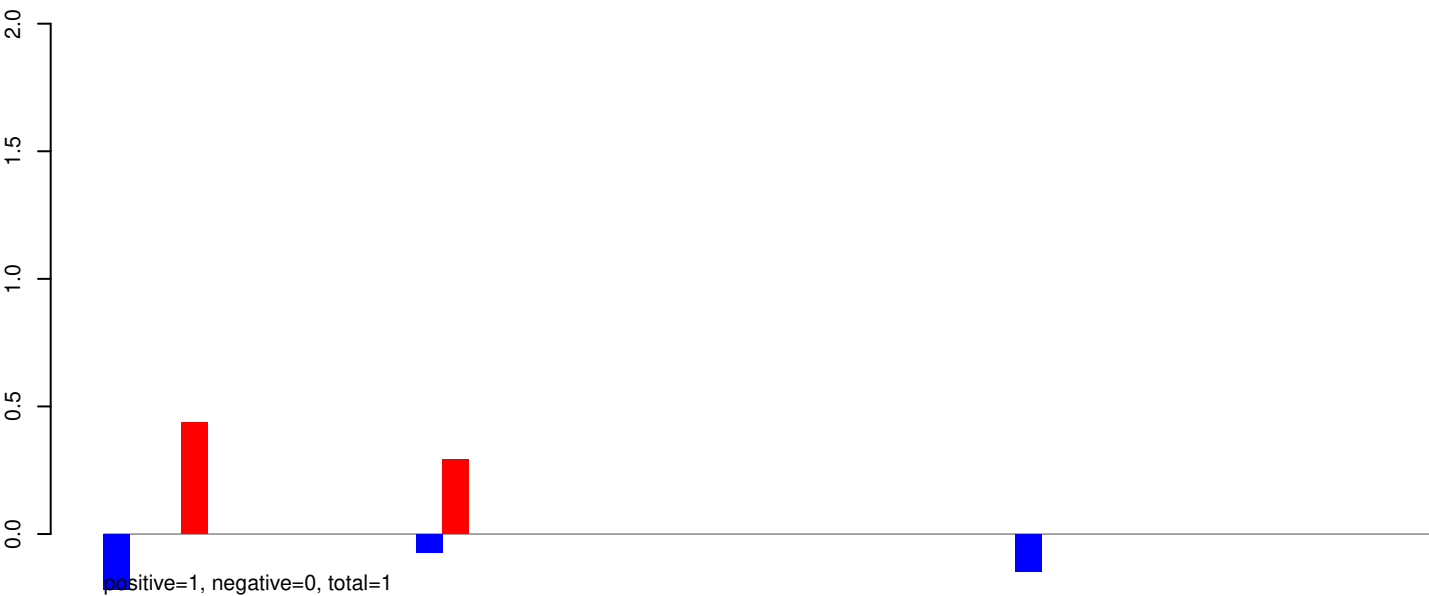
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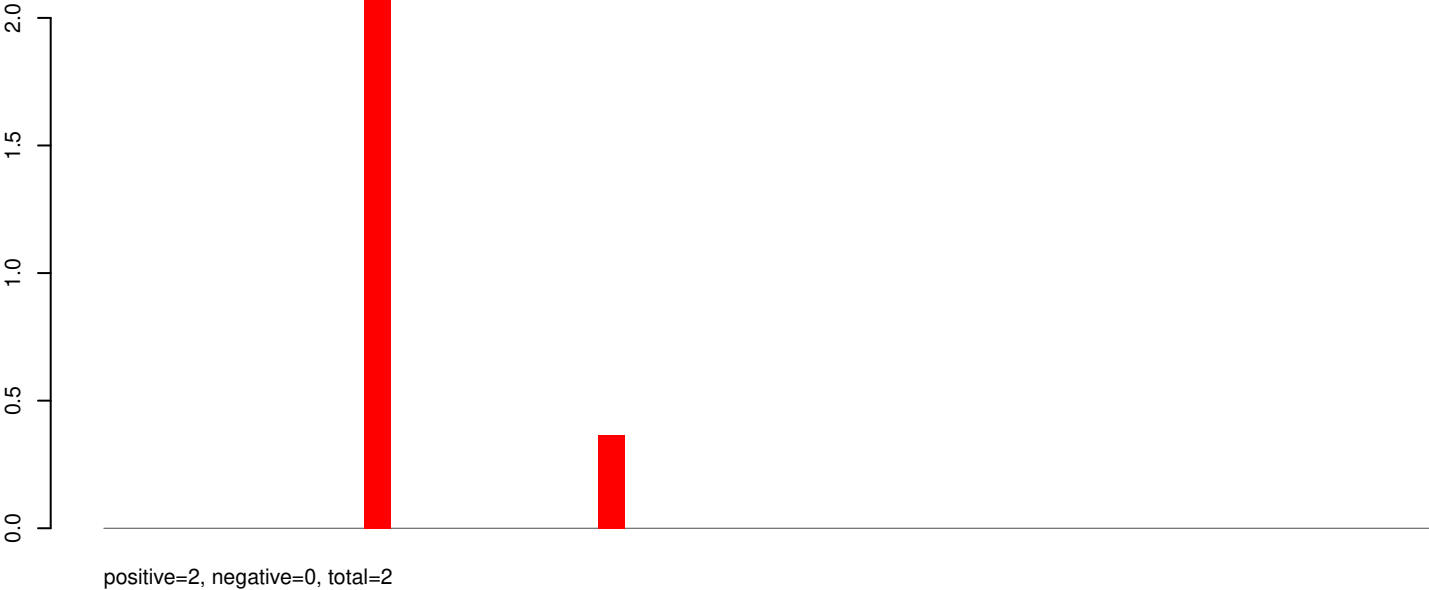
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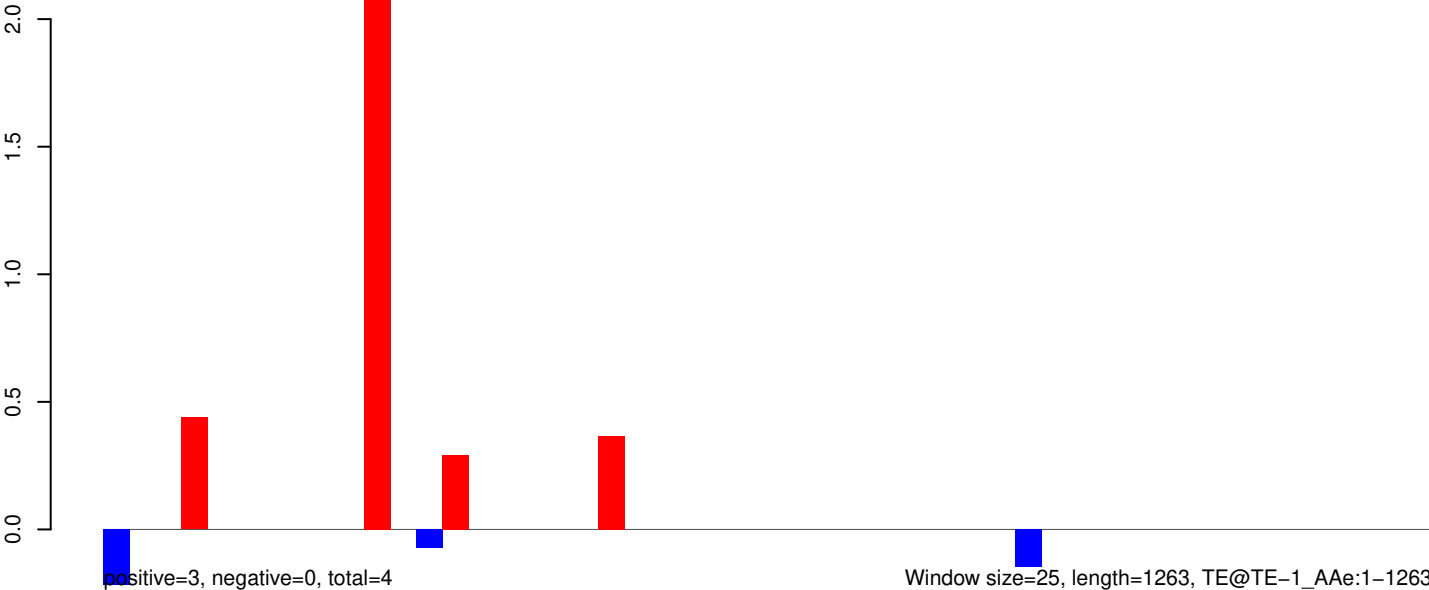
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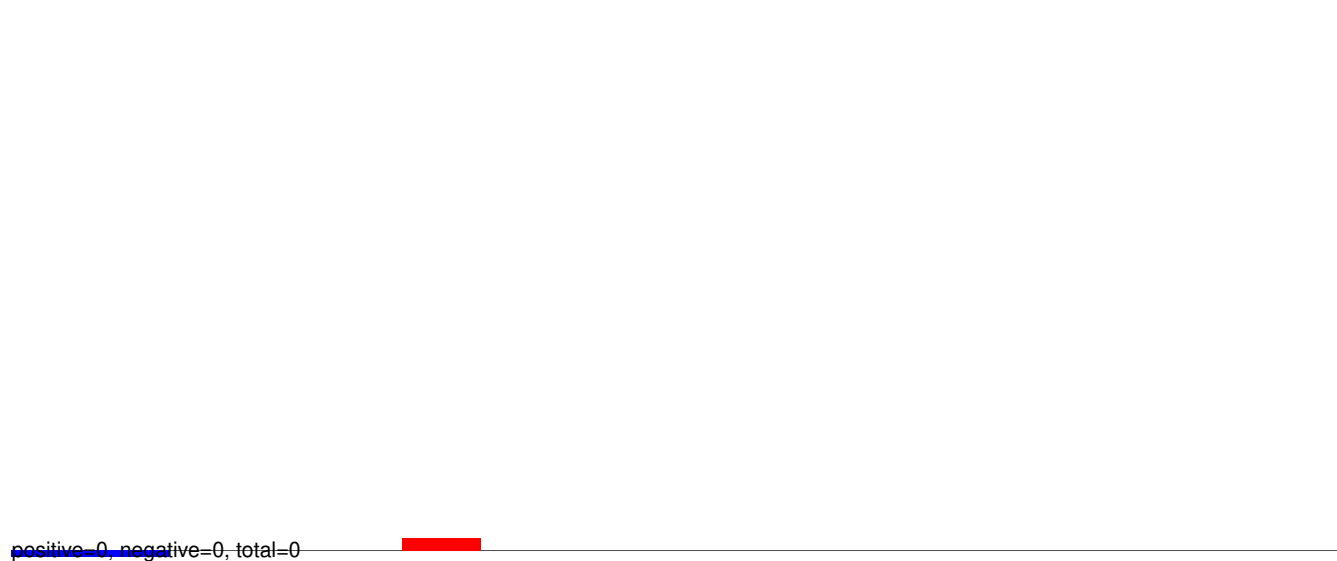
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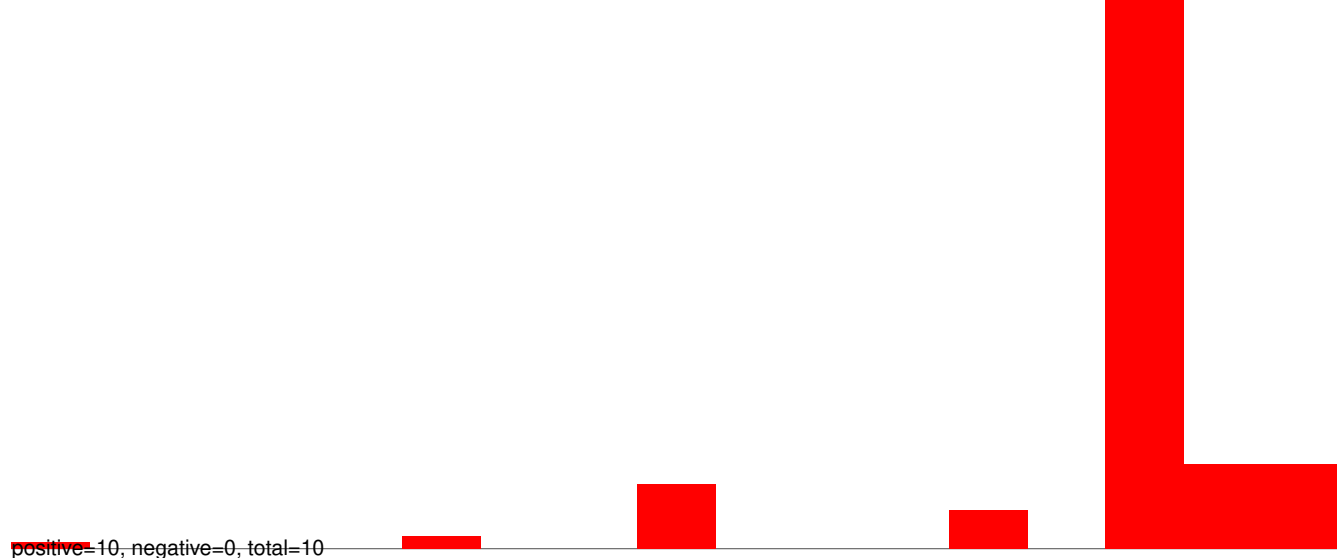
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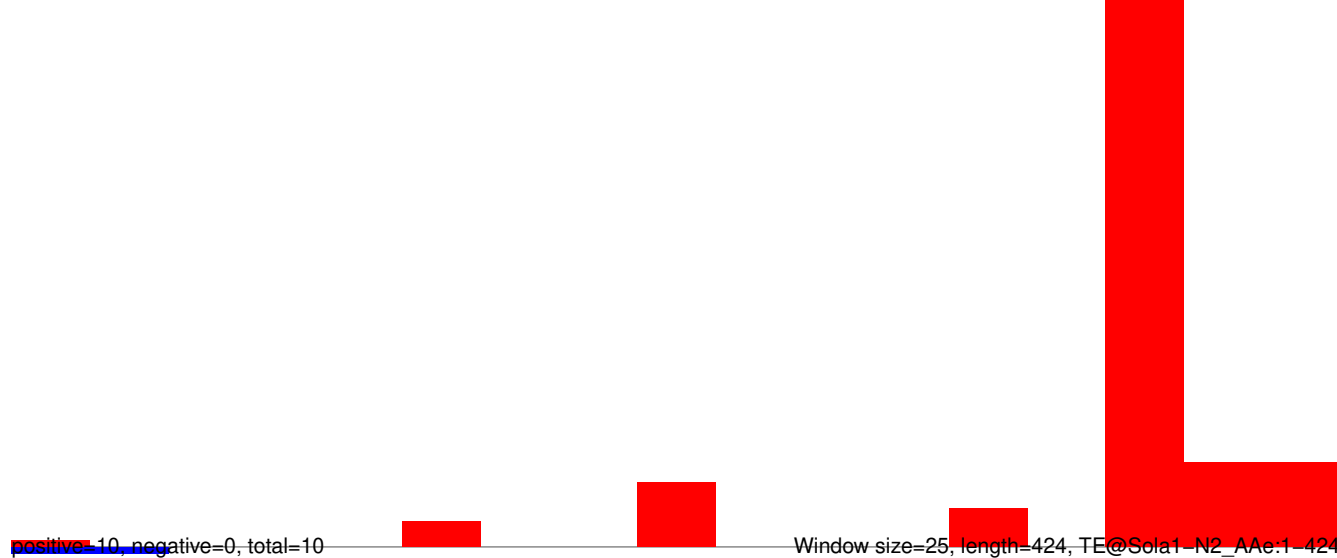
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### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

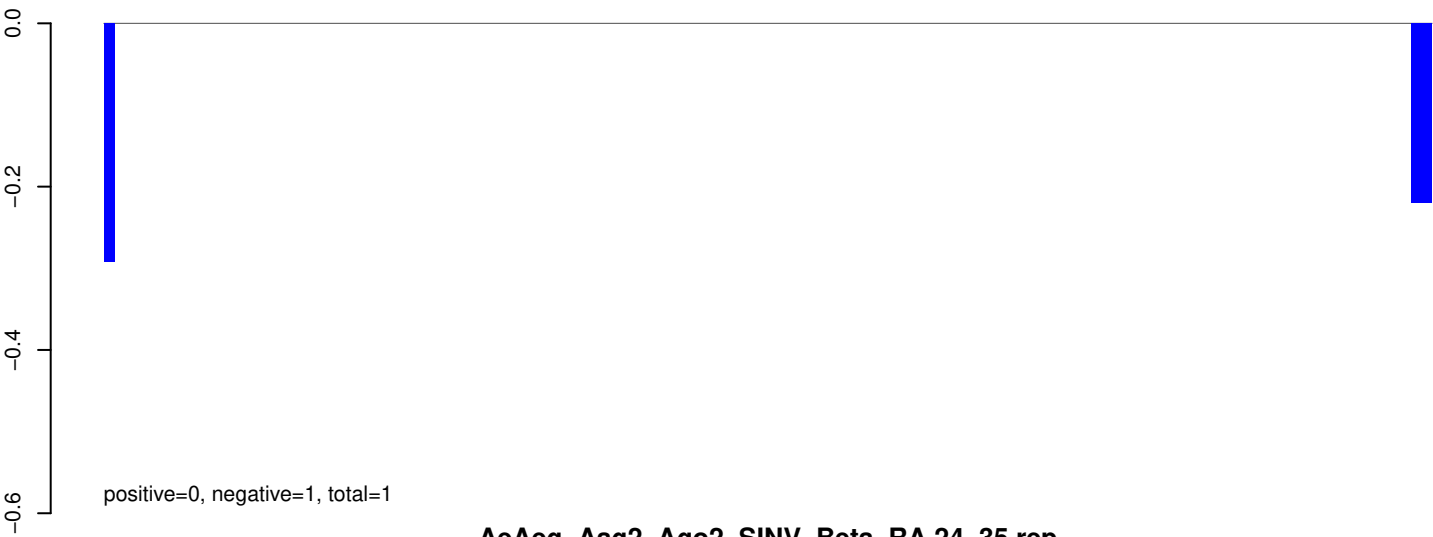


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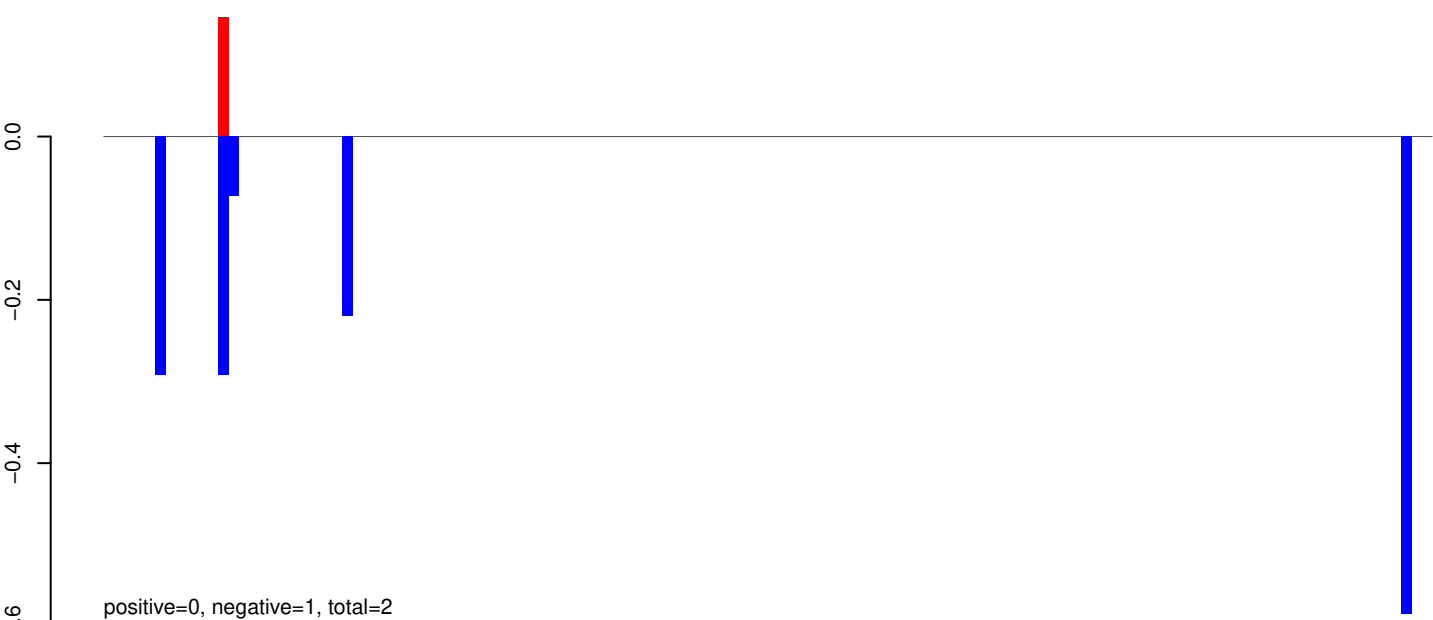




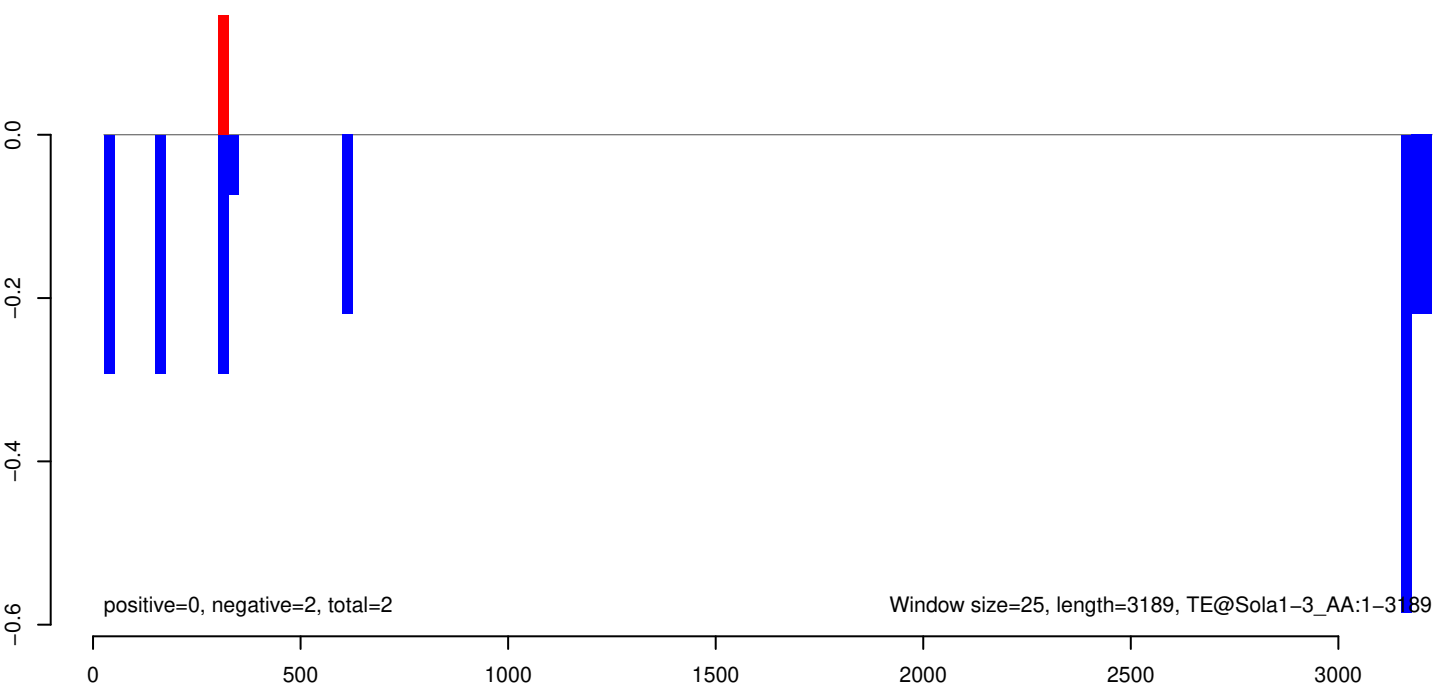
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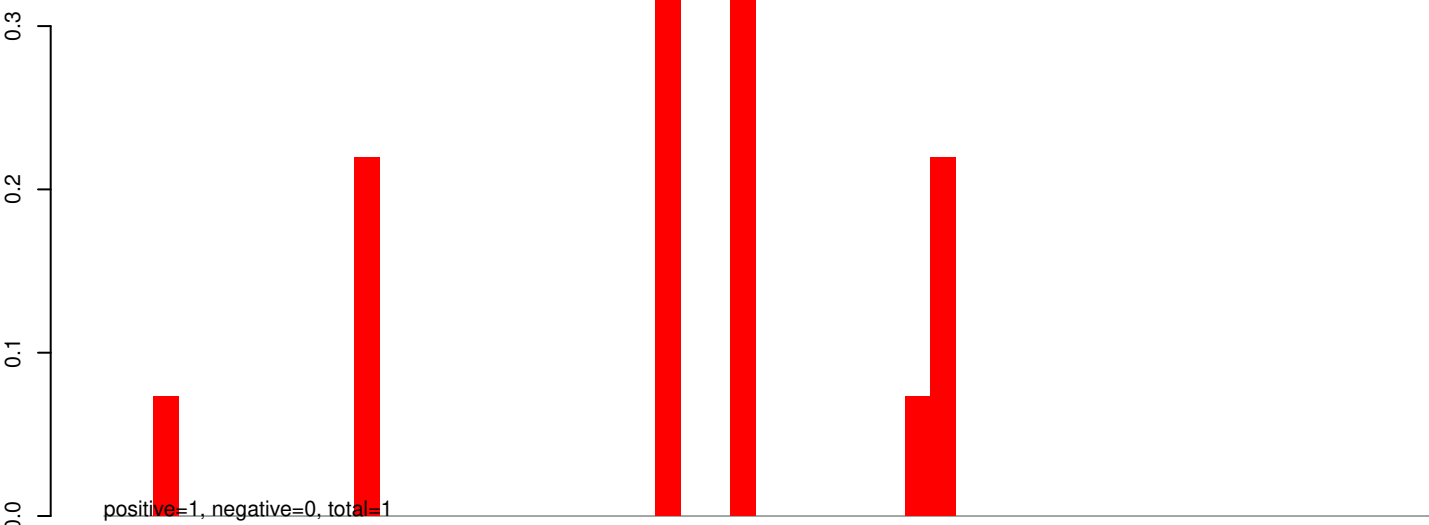
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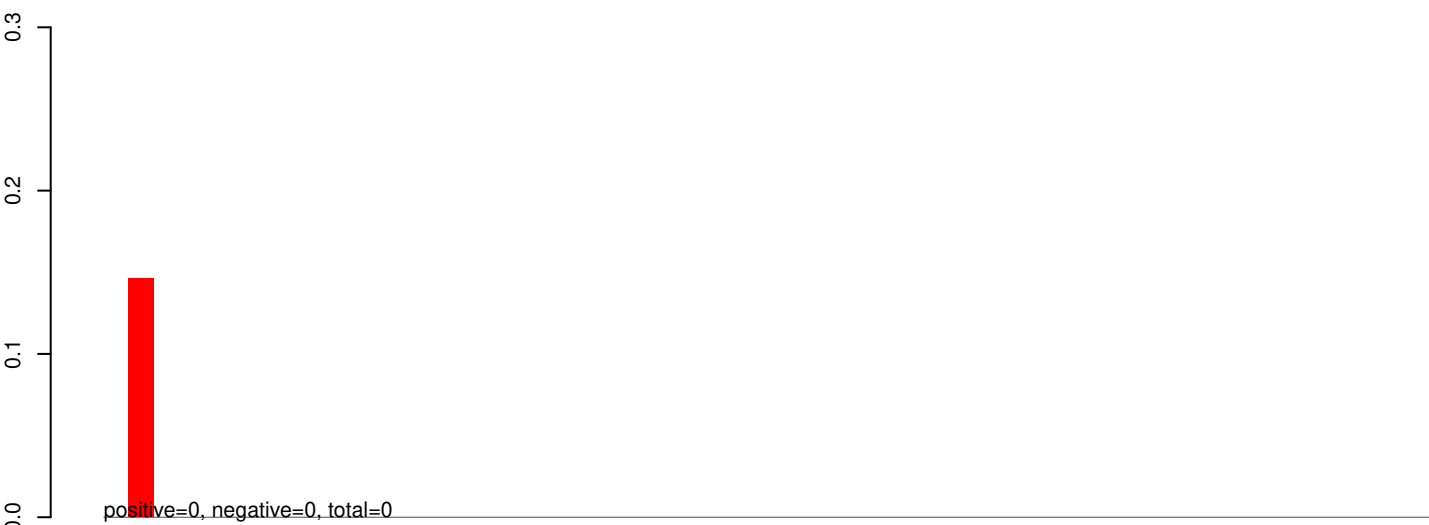
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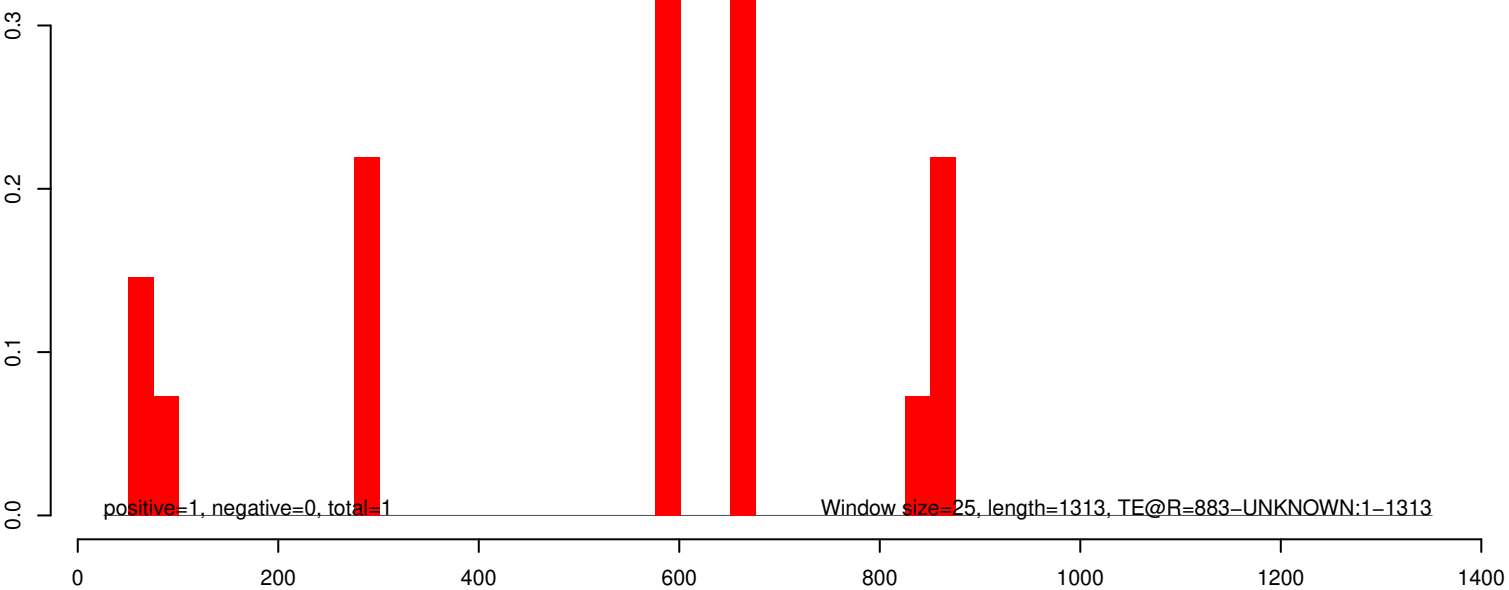
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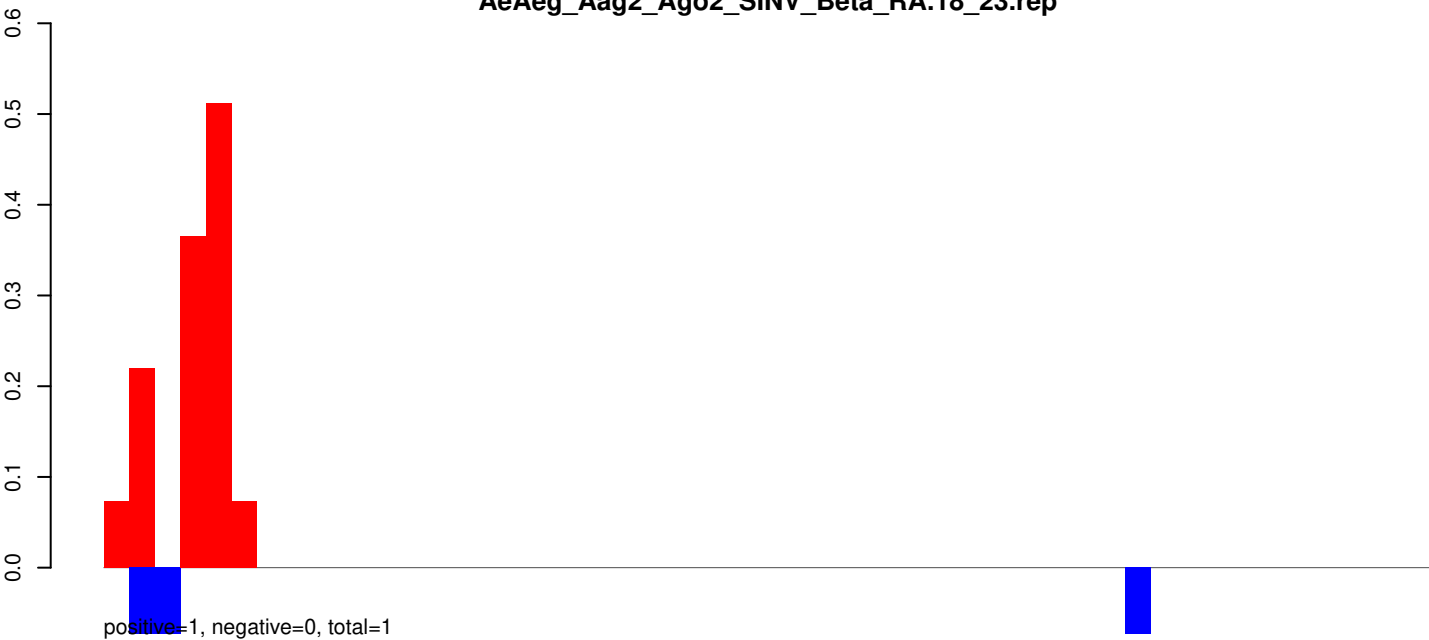
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



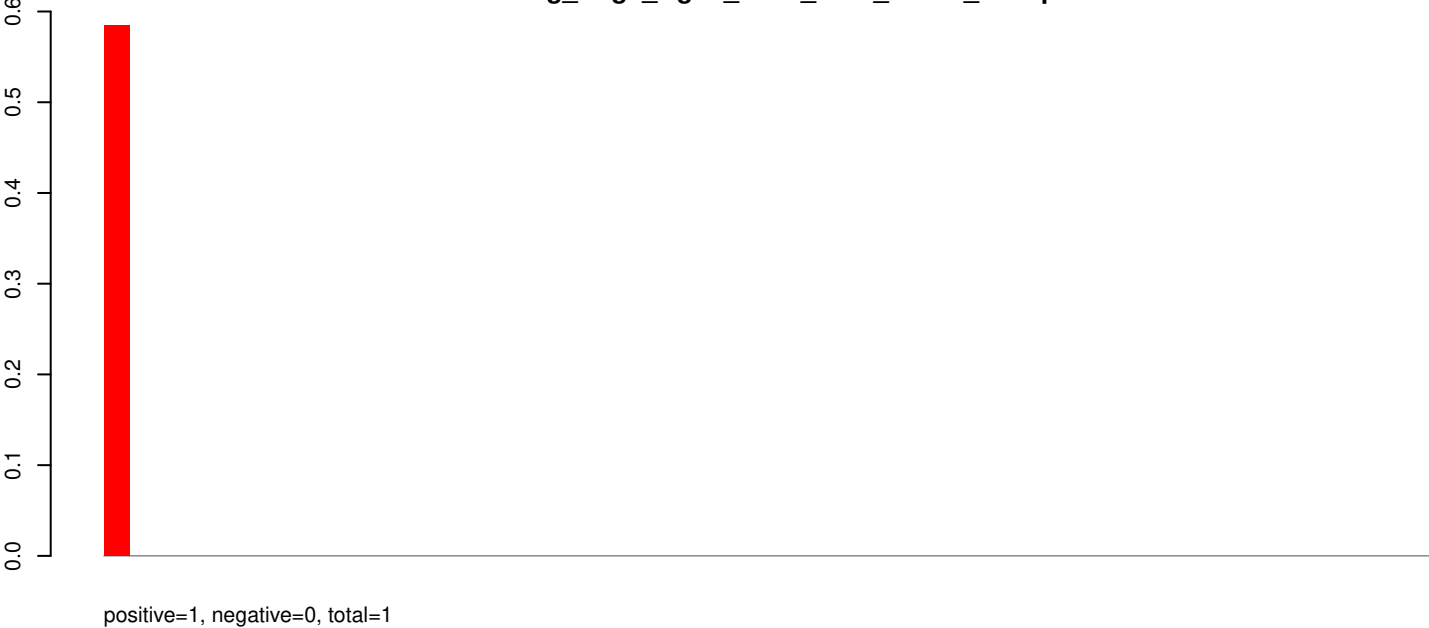
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



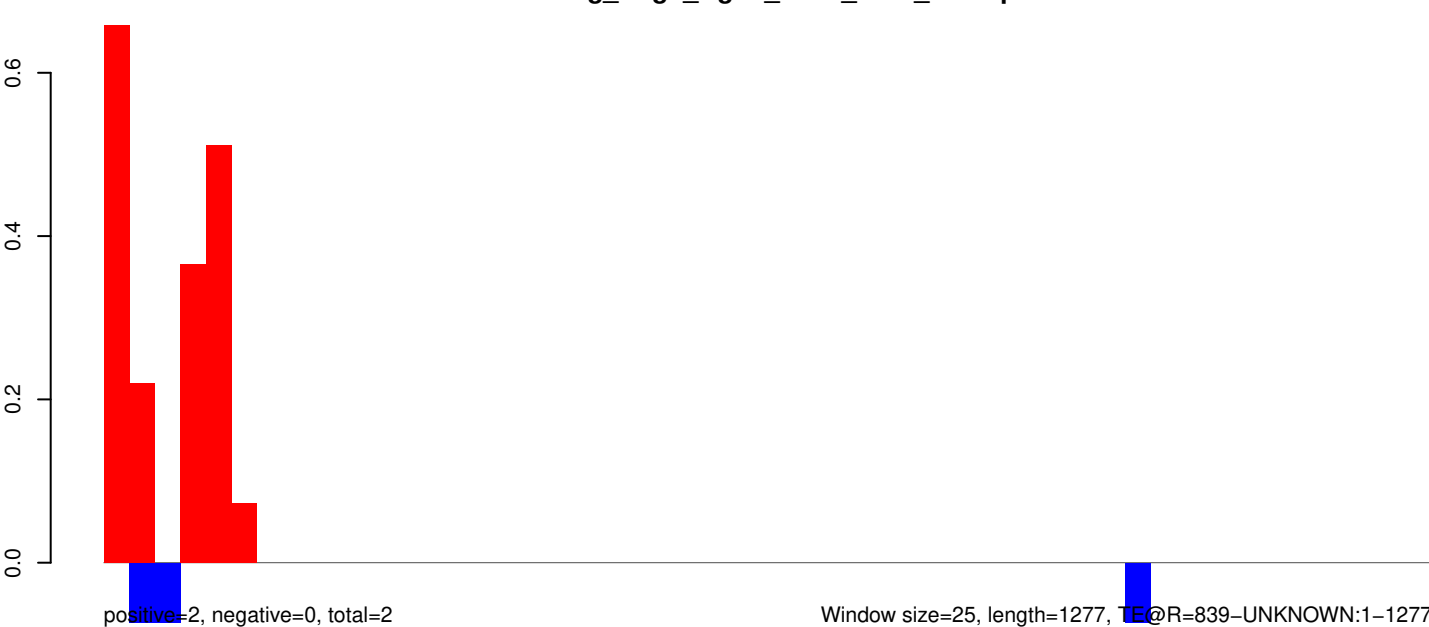
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



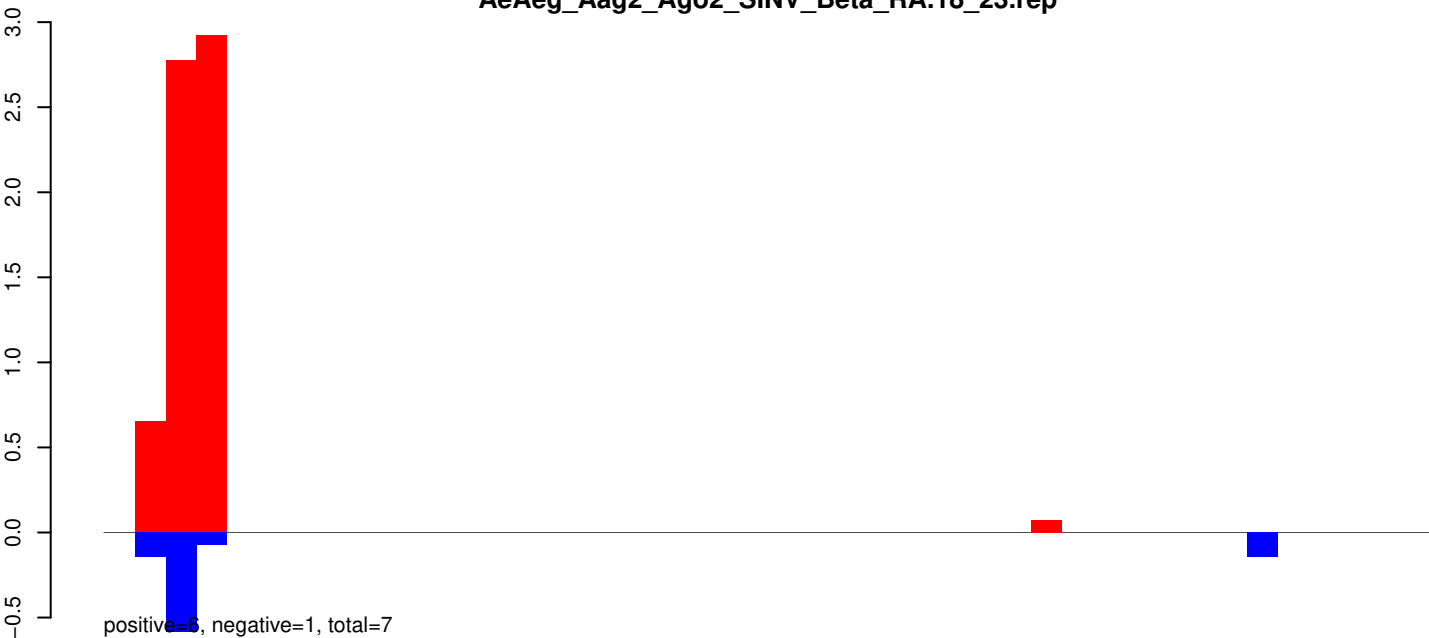
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



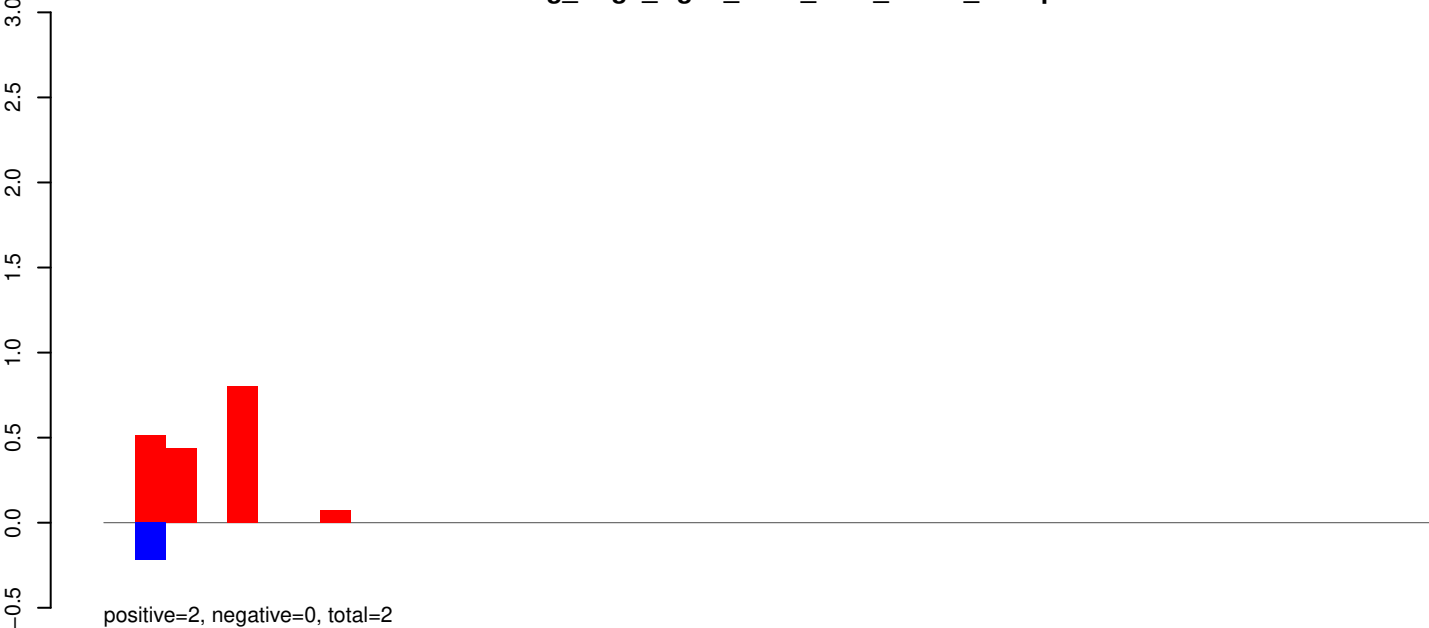
Window size=25, length=1277, TE@R=839-UNKNOWN:1-1277

0 200 400 600 800 1000 1200

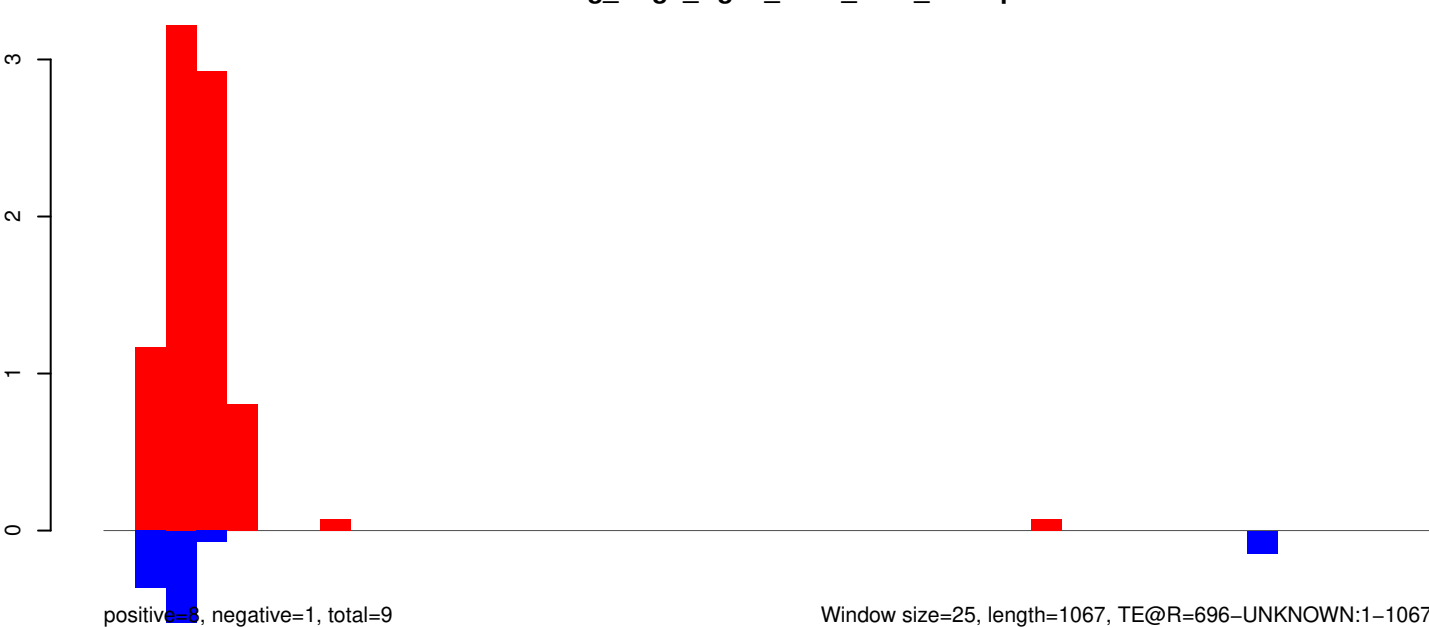
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



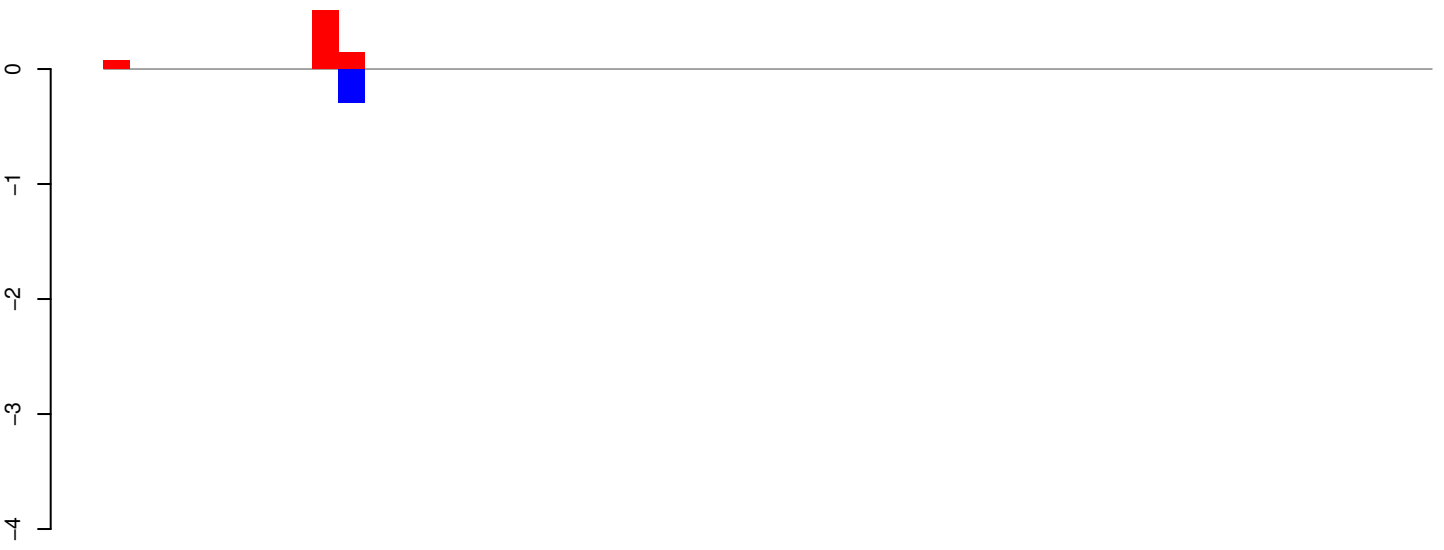
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=1067, TE@R=696-UNKNOWN:1-1067

0 200 400 600 800 1000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



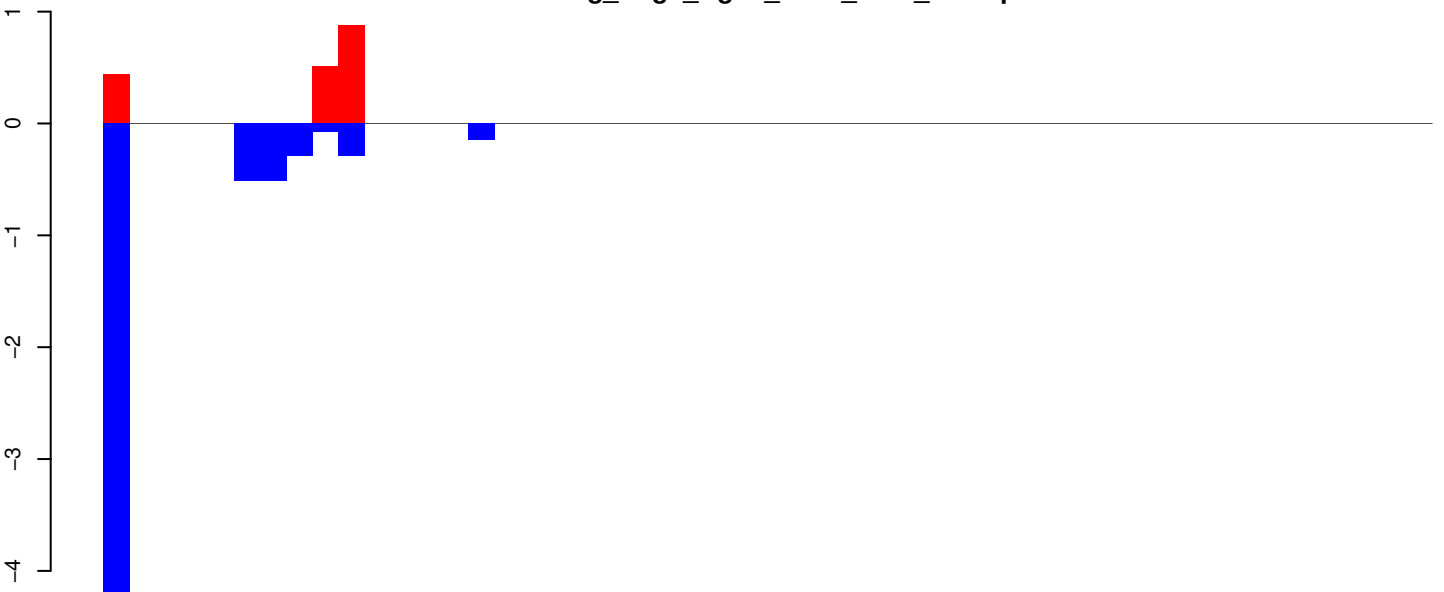
positive=1, negative=0, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=1, negative=6, total=7

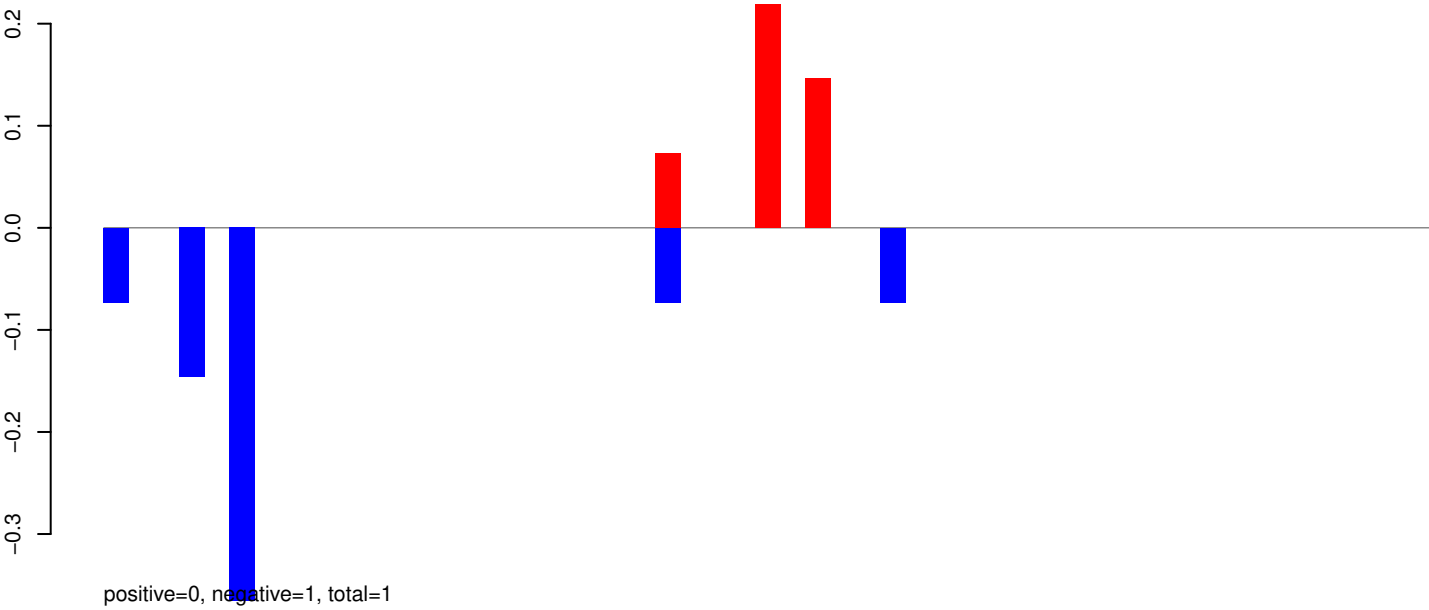
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



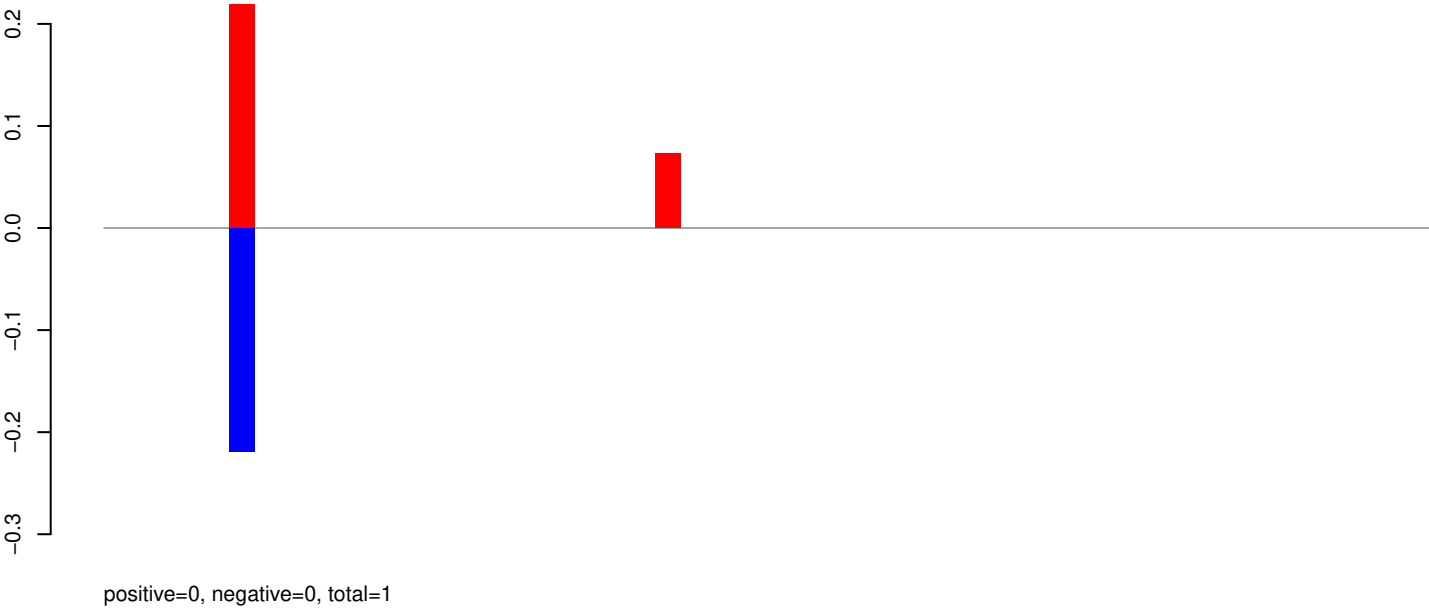
positive=2, negative=6, total=8

Window size=25, length=1261, TE@R=2174-UNKNOWN:1-1261

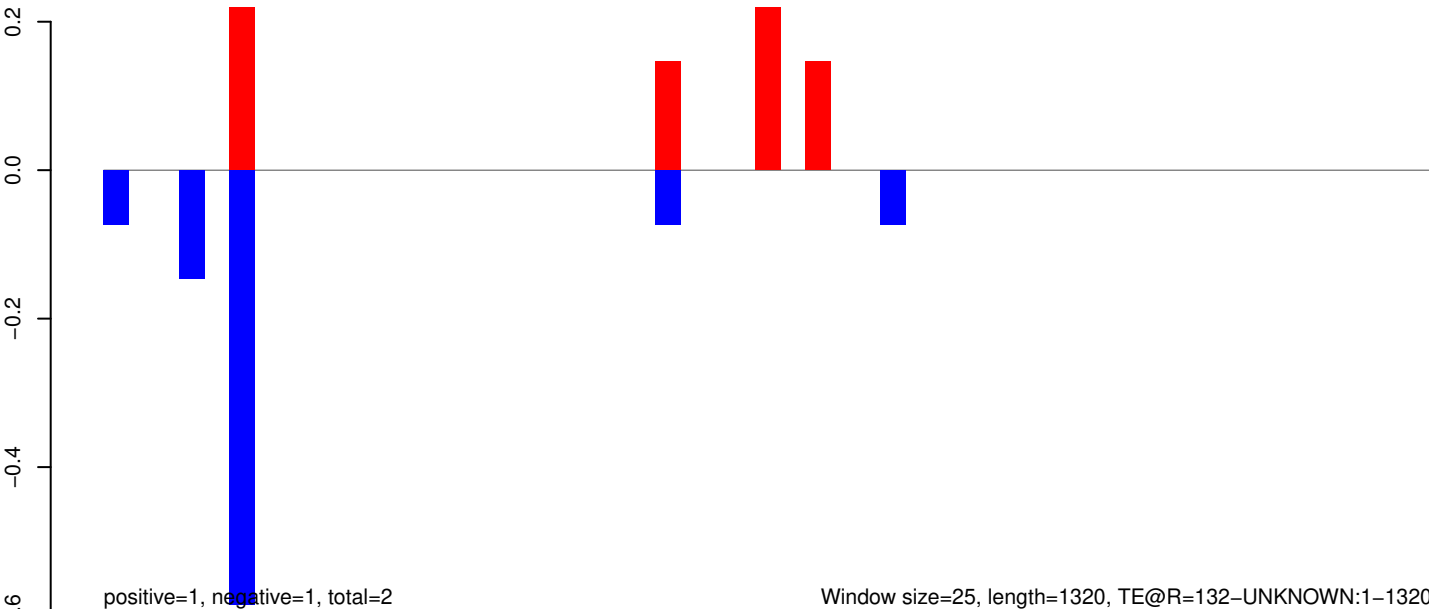
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

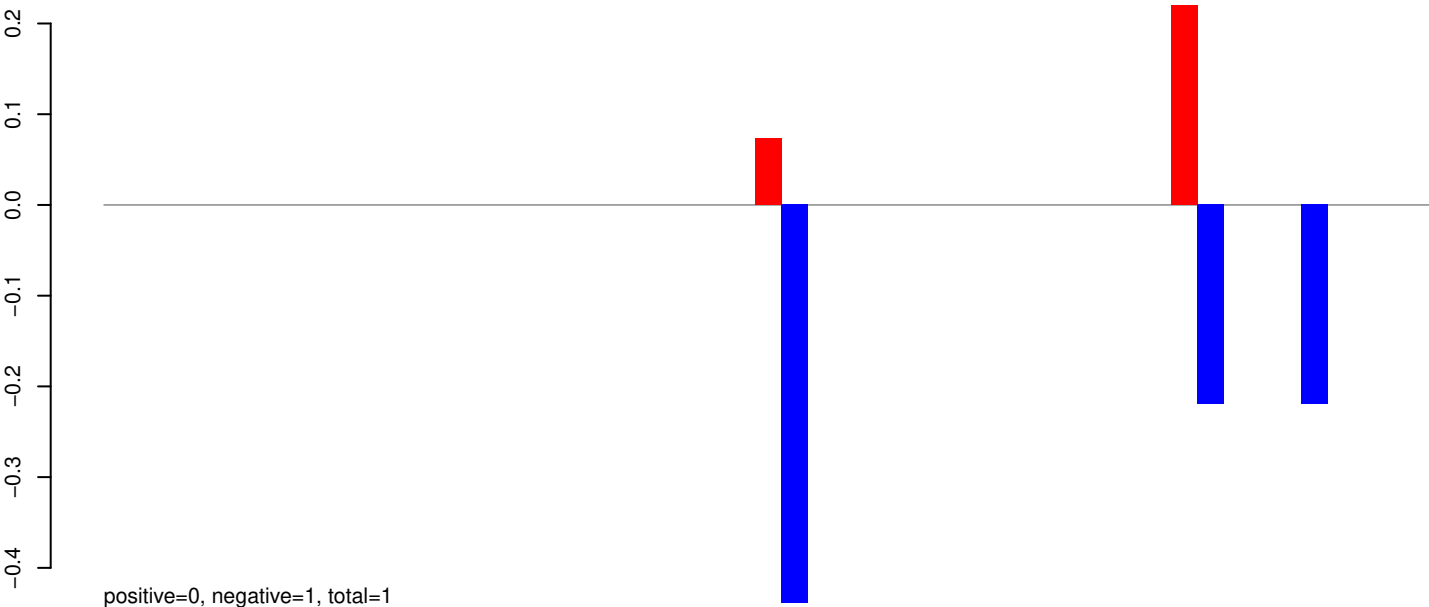


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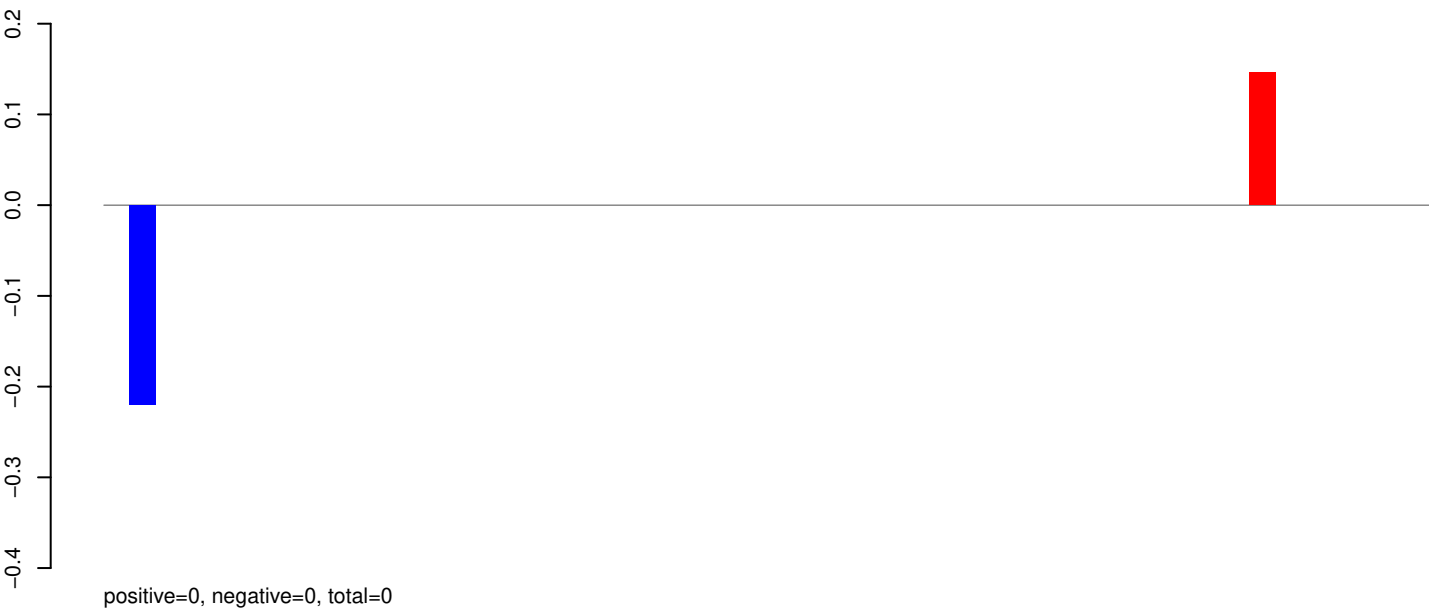


Window size=25, length=1320, TE@R=132-UNKNOWN:1-1320

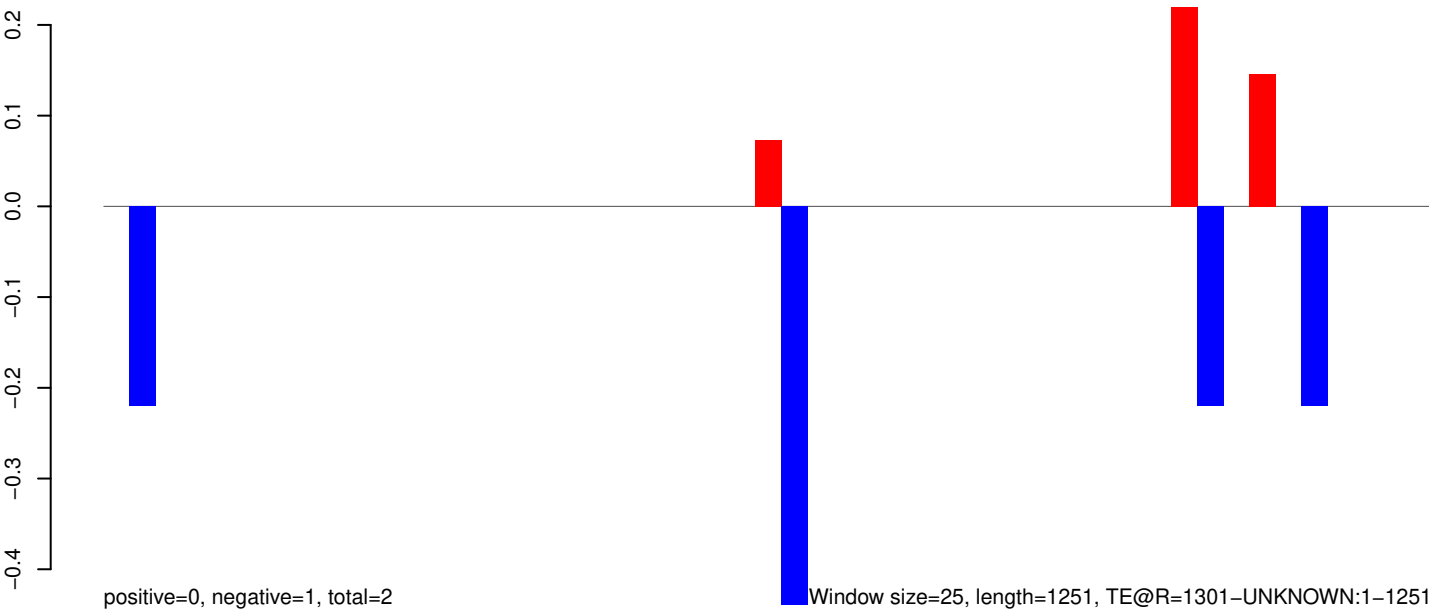
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



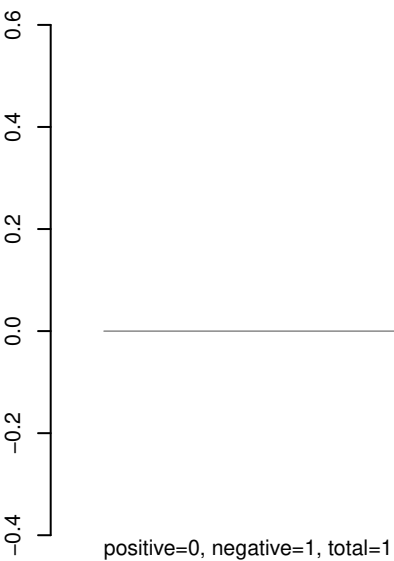
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



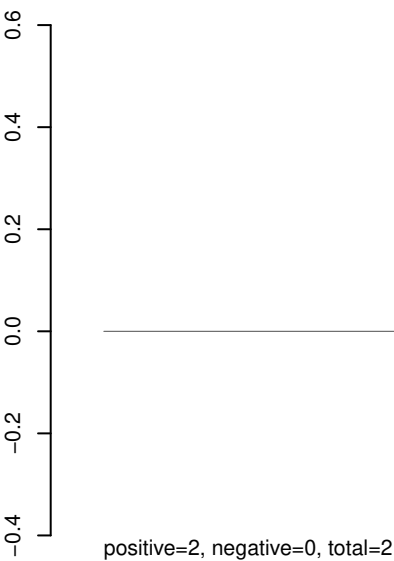
Window size=25, length=1251, TE@R=1301-UNKNOWN:1-1251

0 200 400 600 800 1000 1200

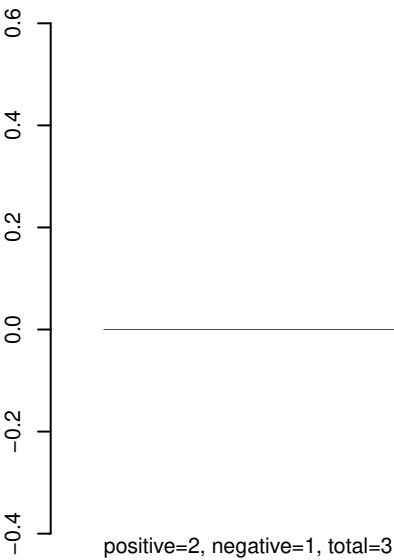
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

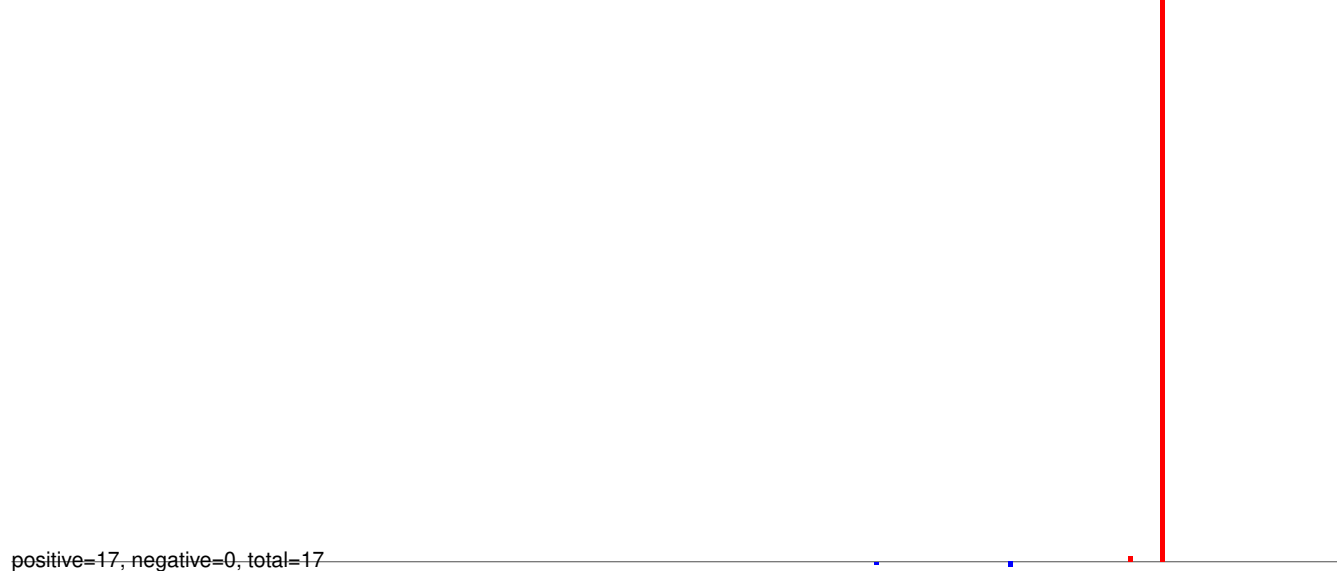


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

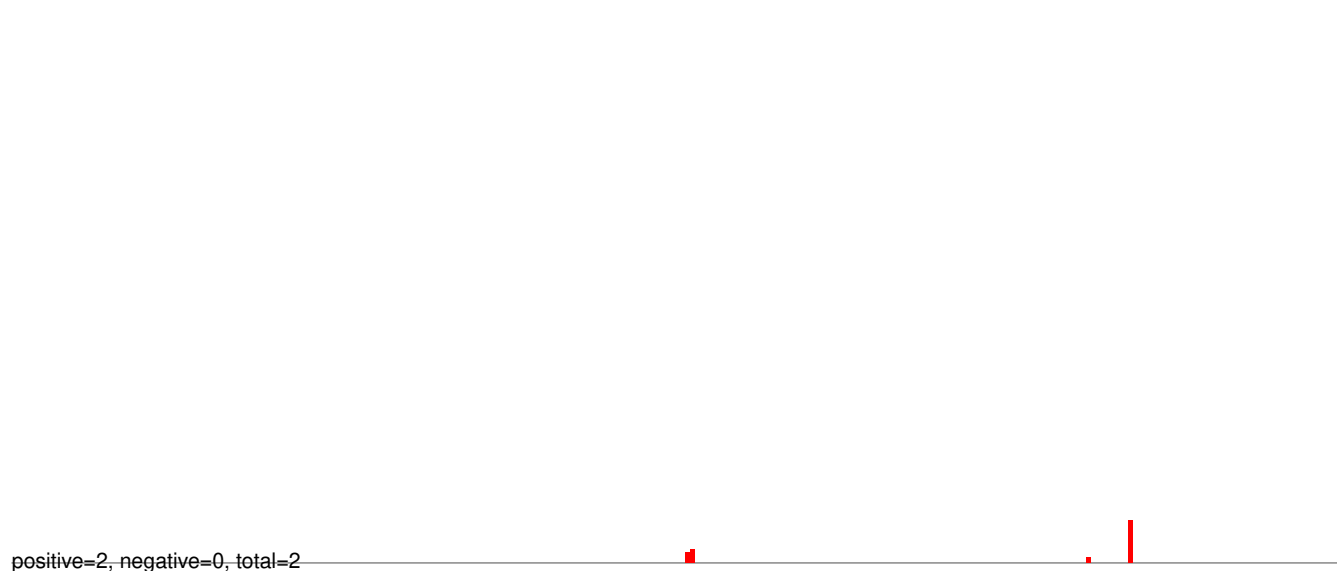




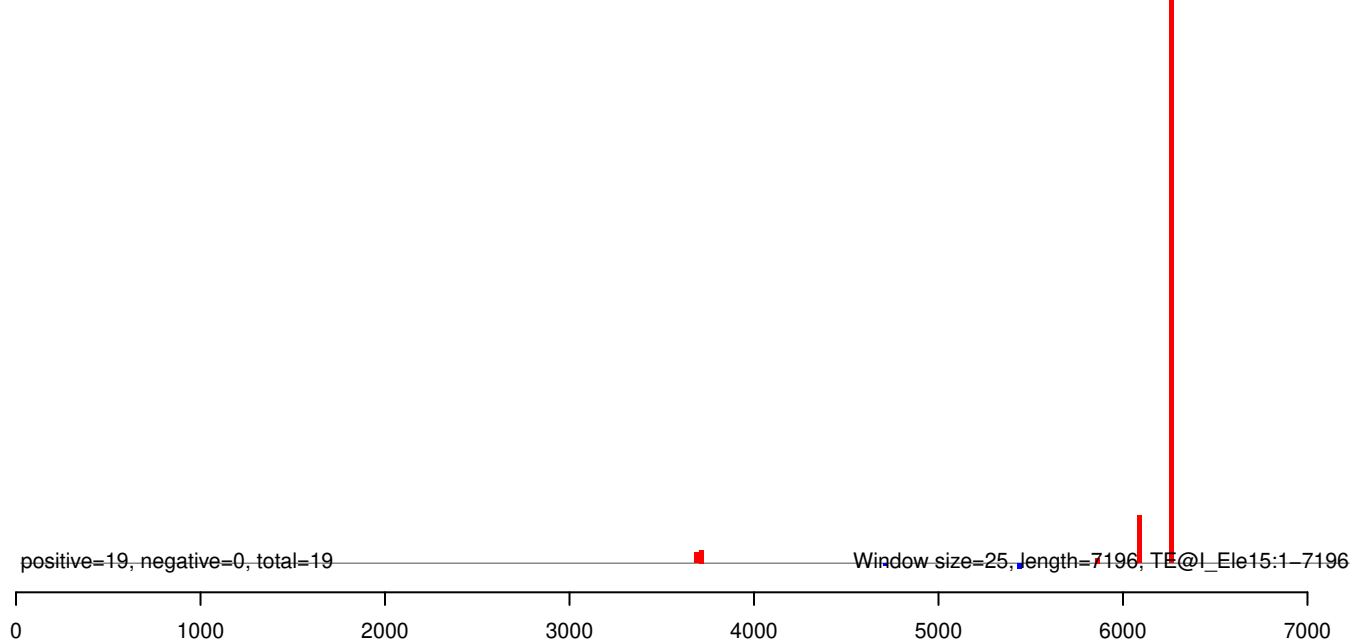
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



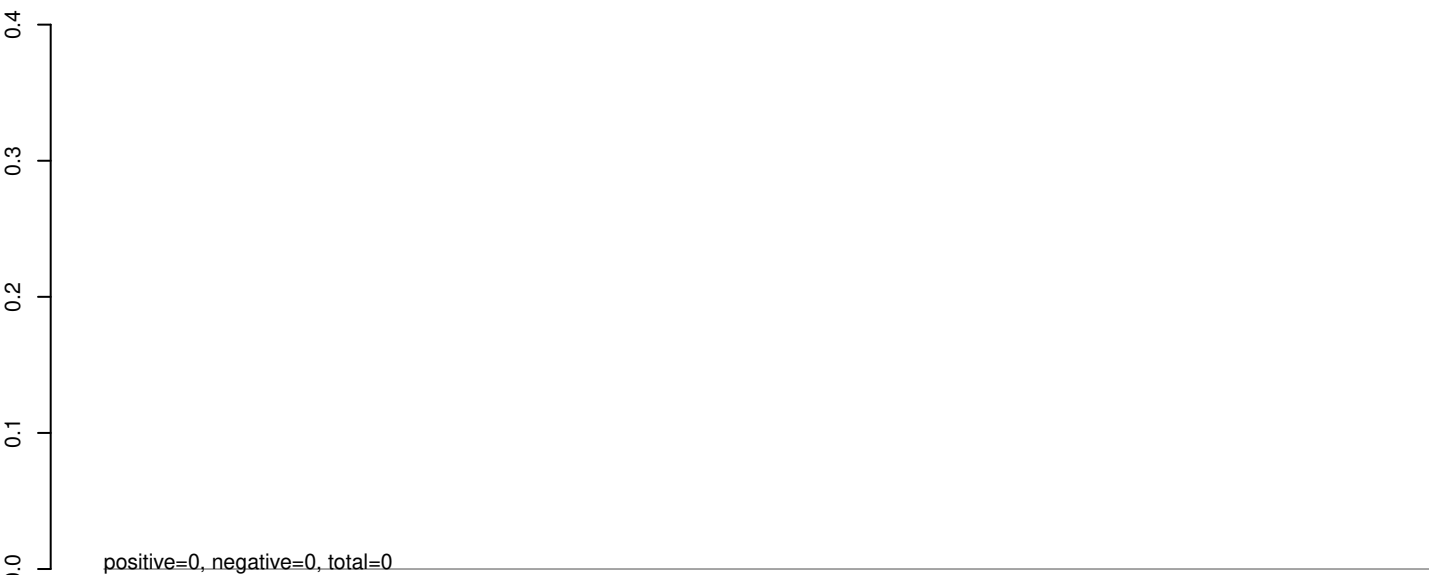
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



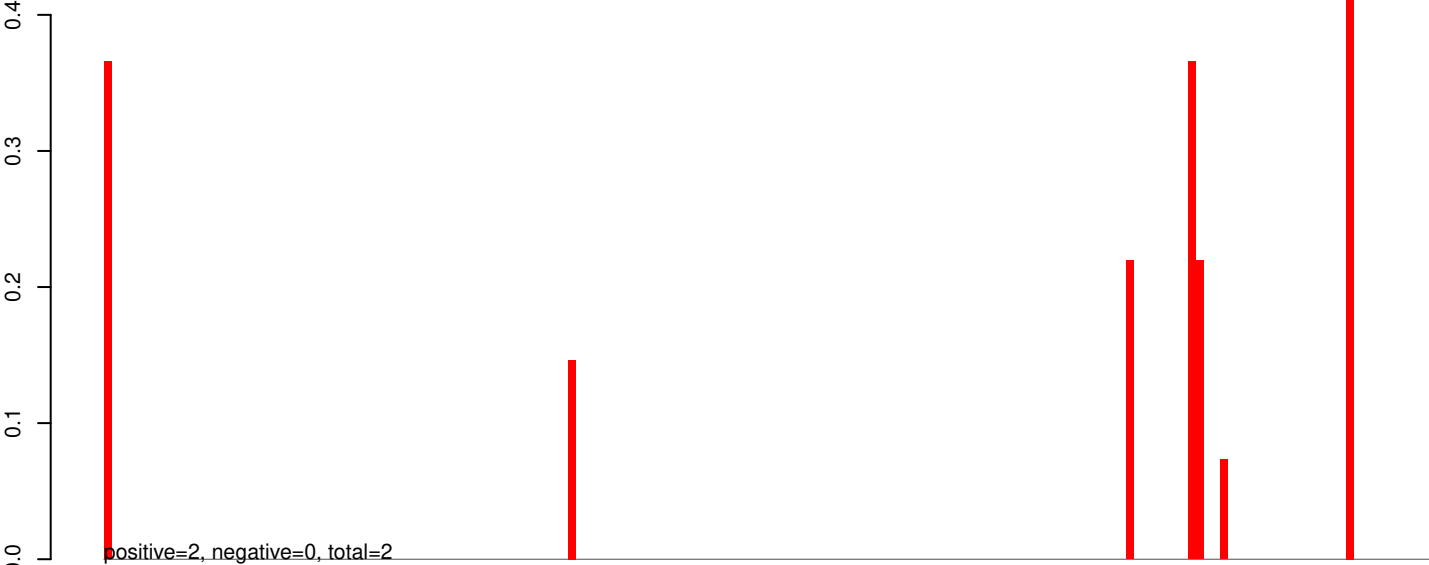
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



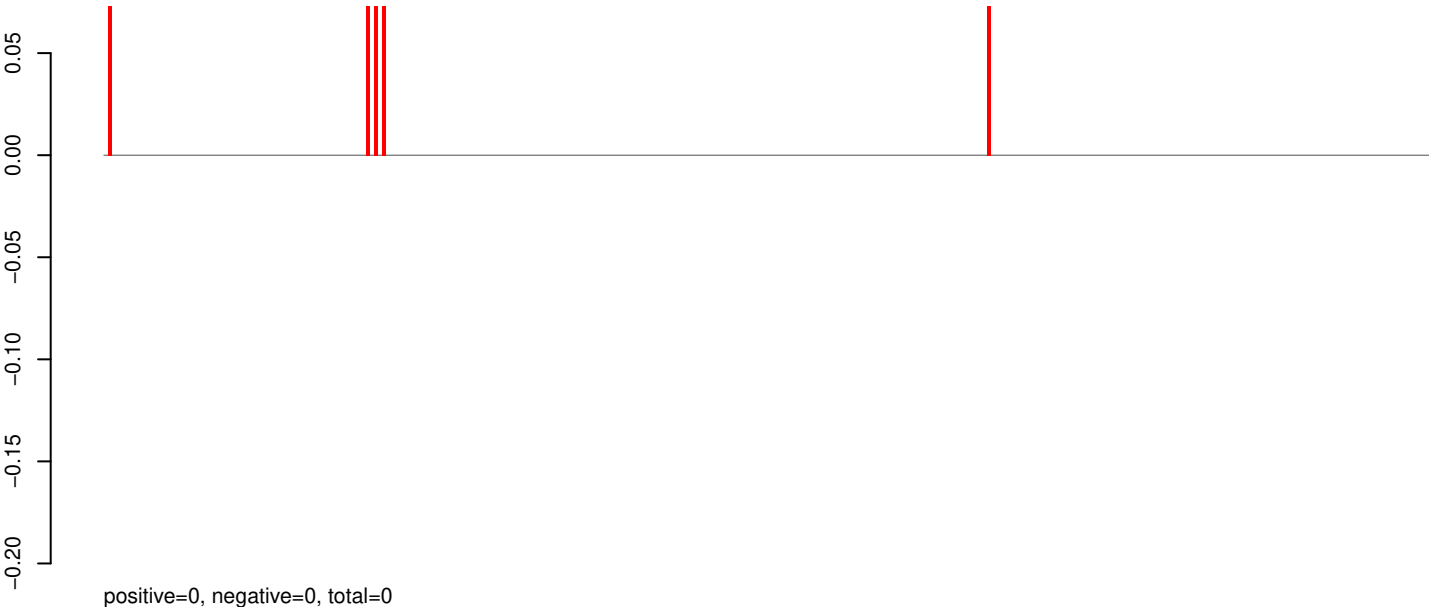
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



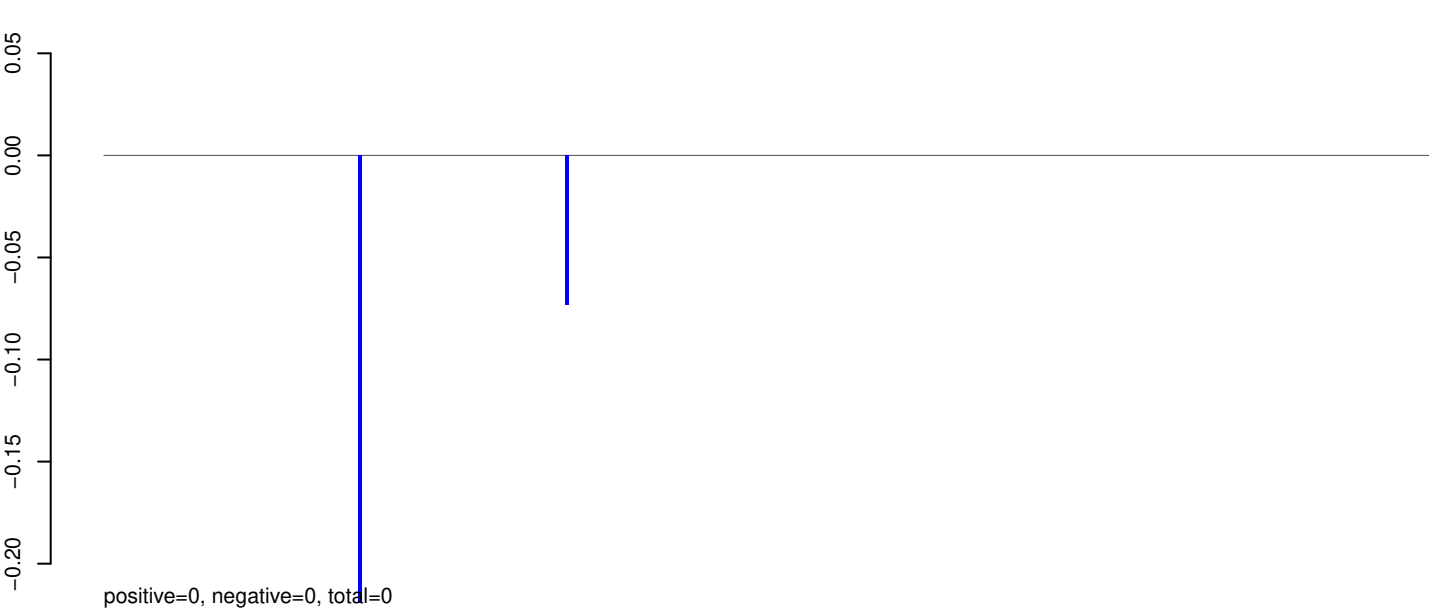
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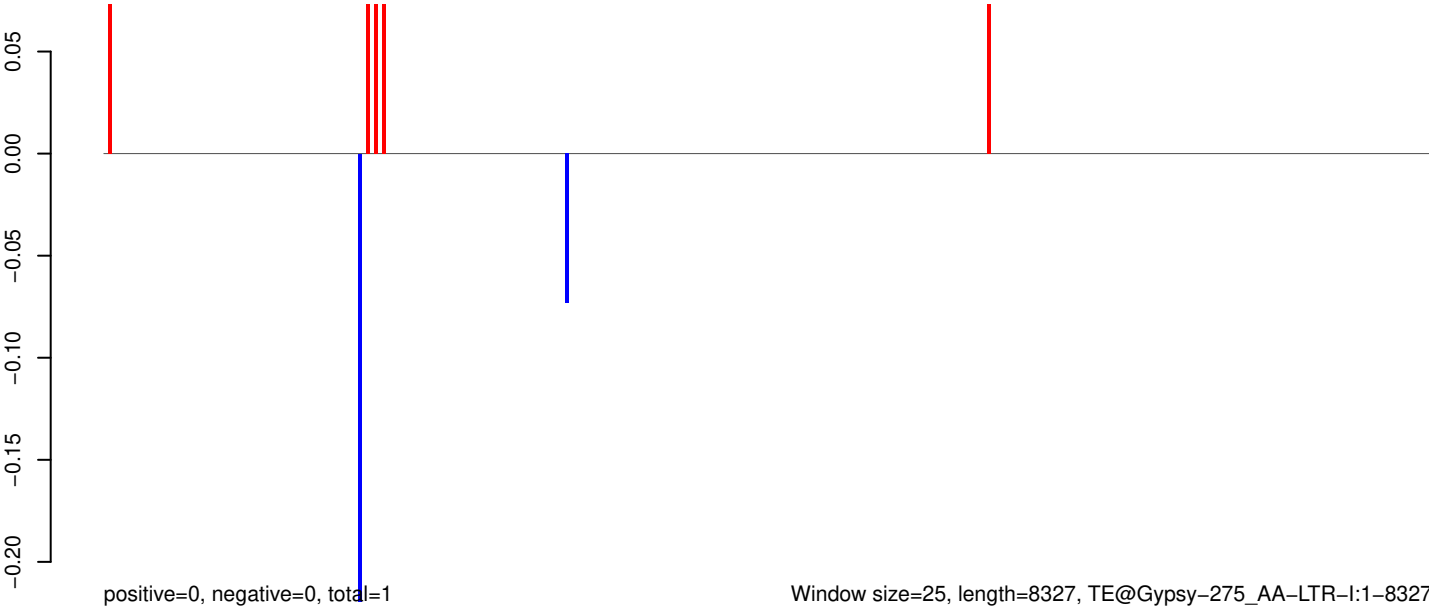
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



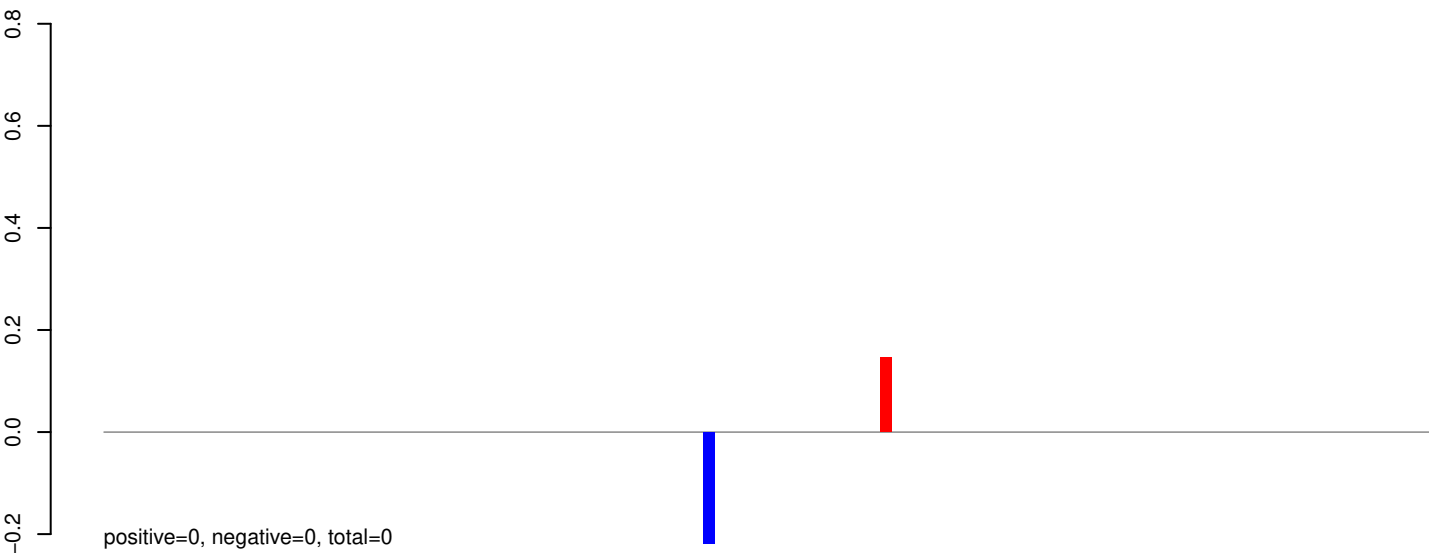
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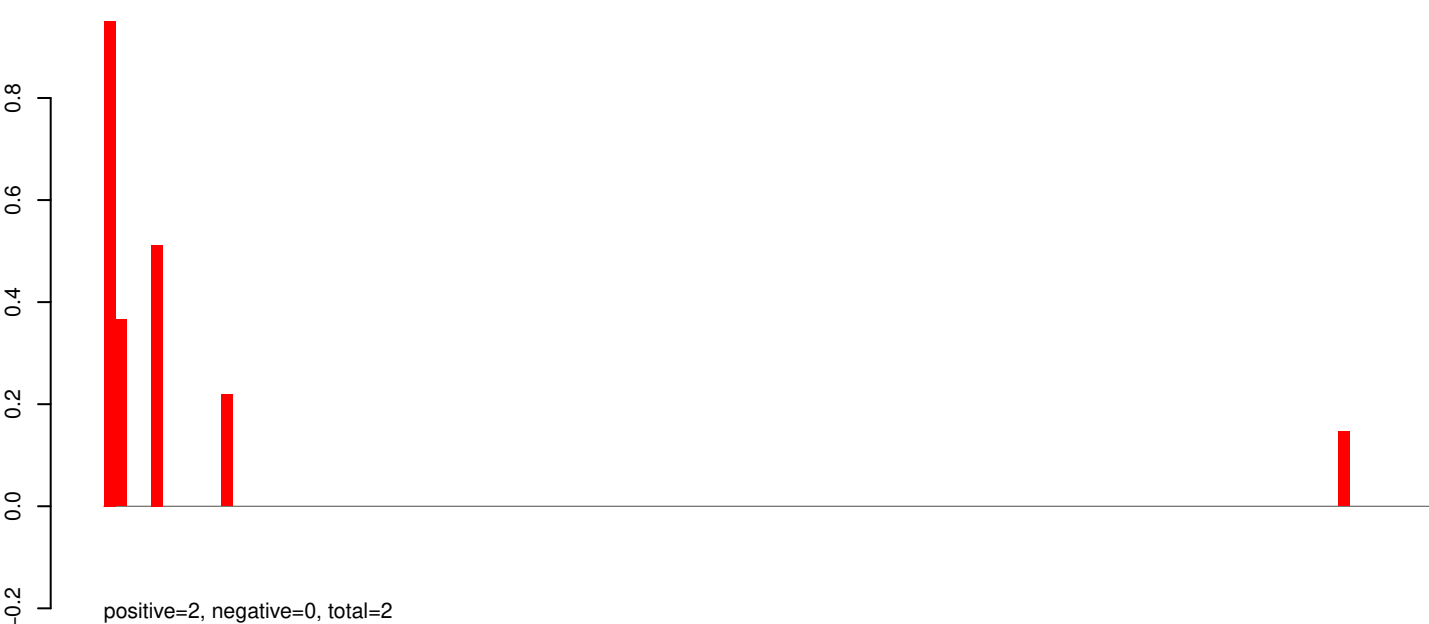
Window size=25, length=8327, TE@Gypsy-275\_AA-LTR-I:1-8327

0 2000 4000 6000 8000

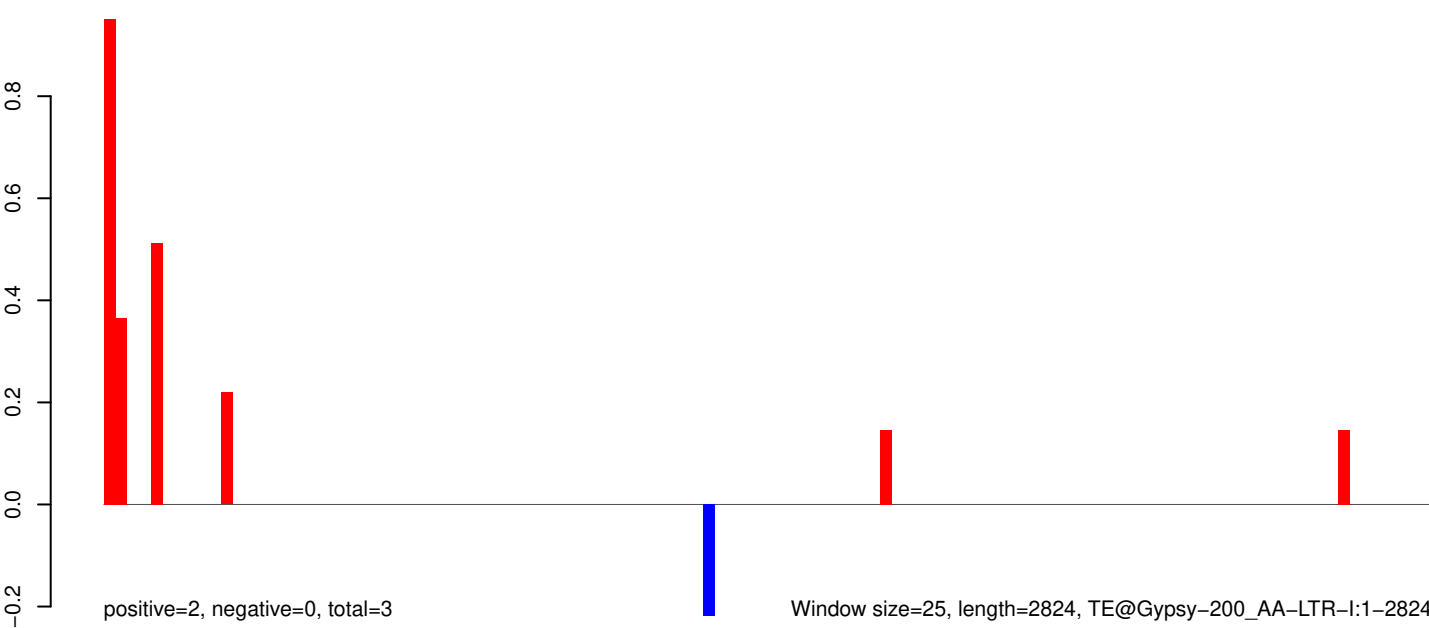
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



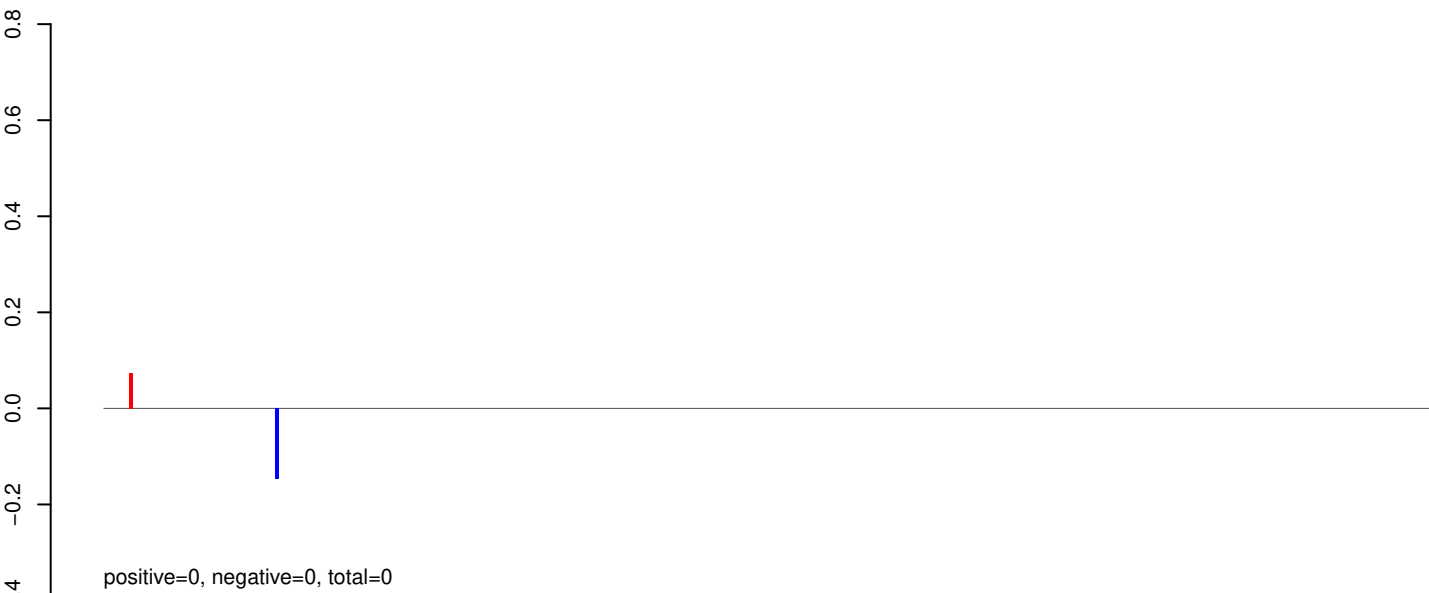
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



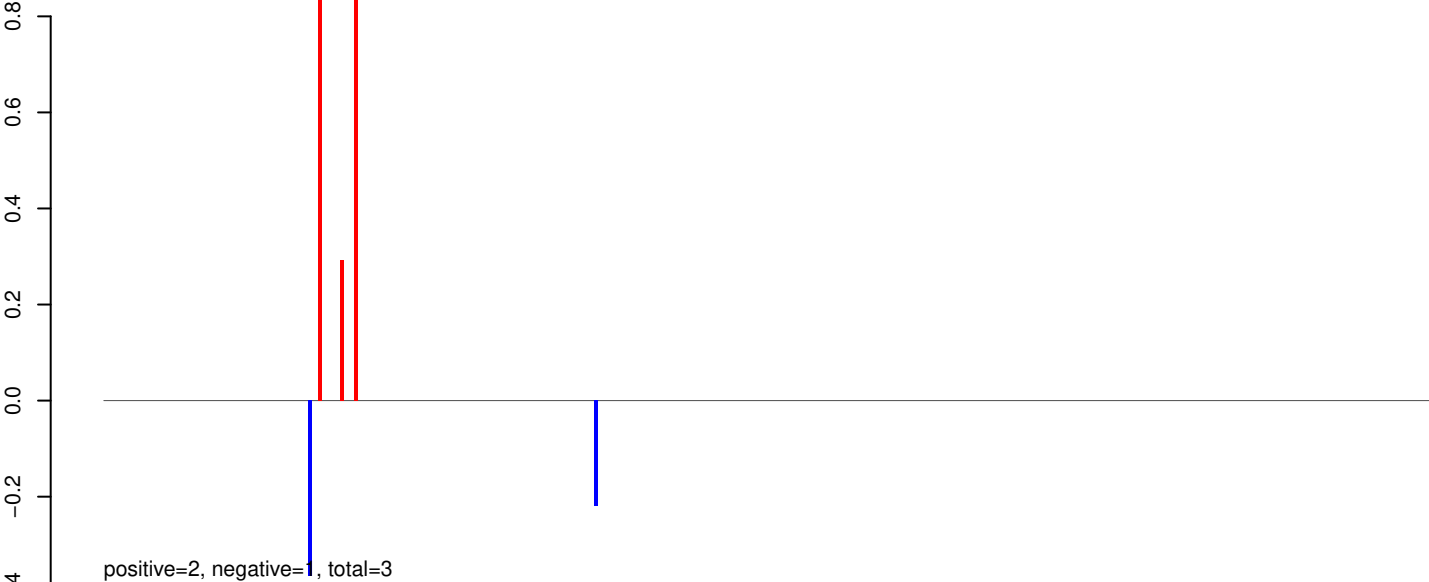
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



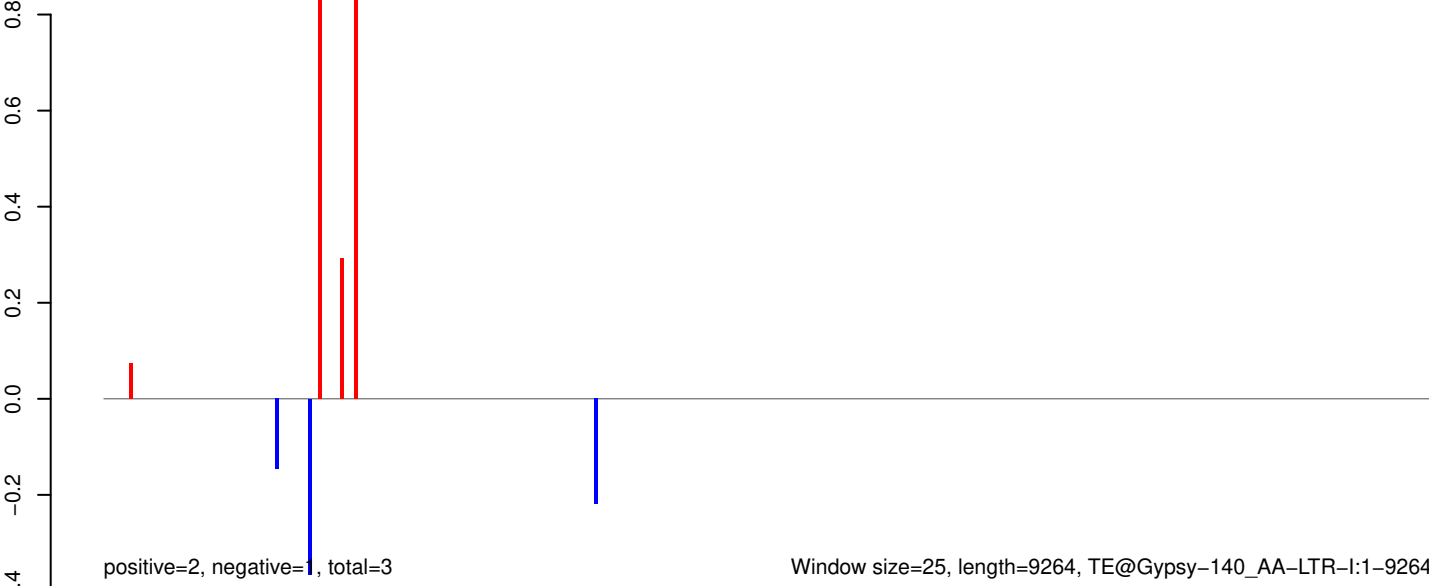
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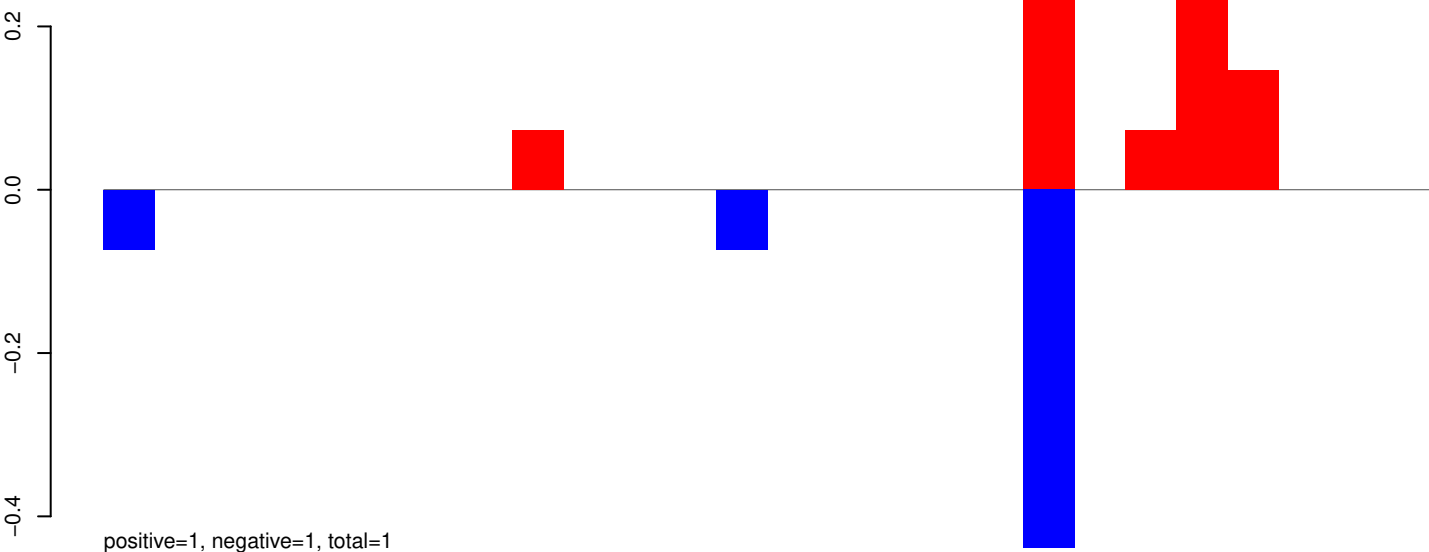
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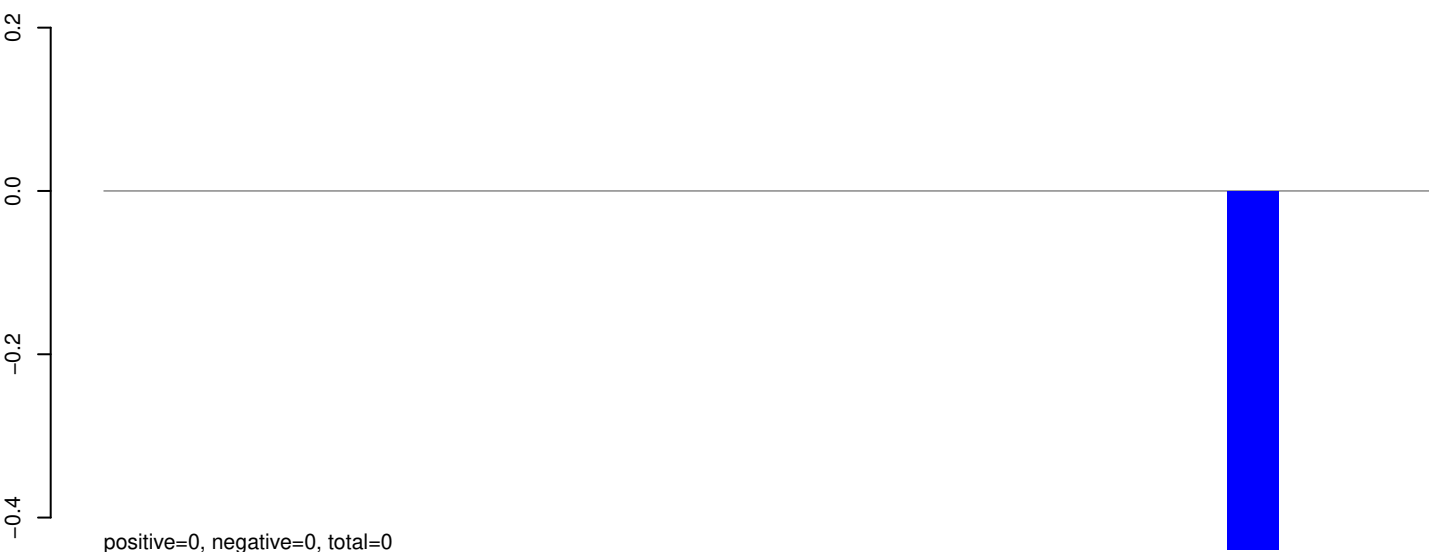
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



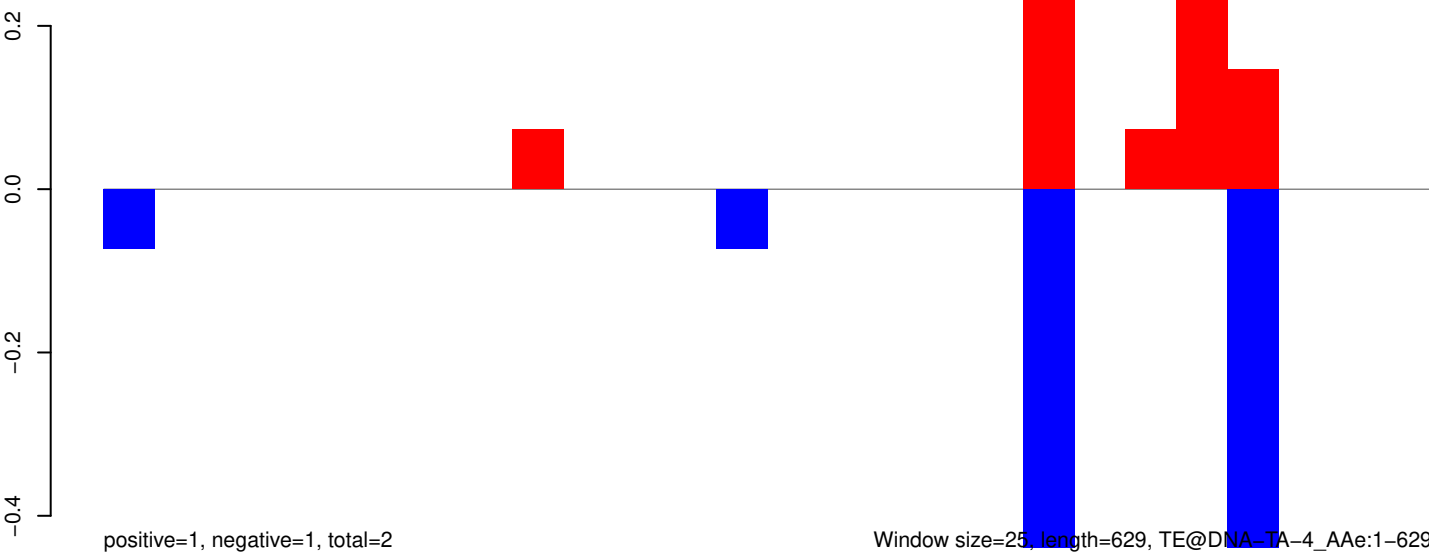
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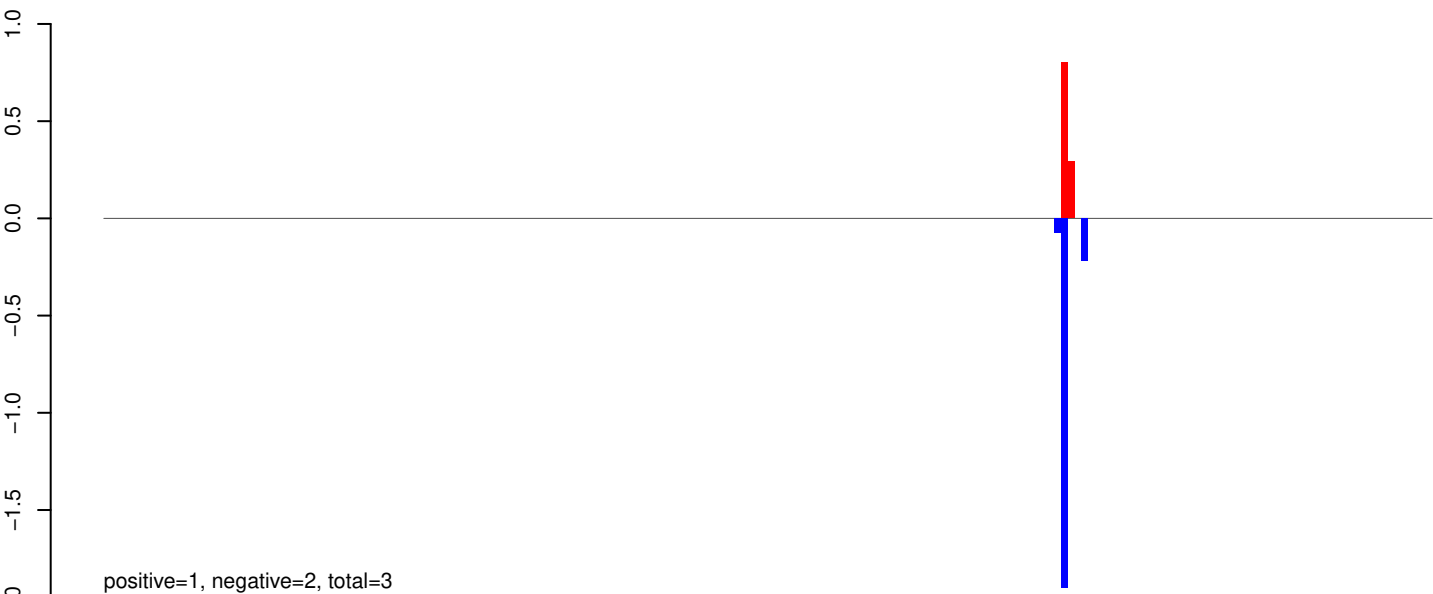
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



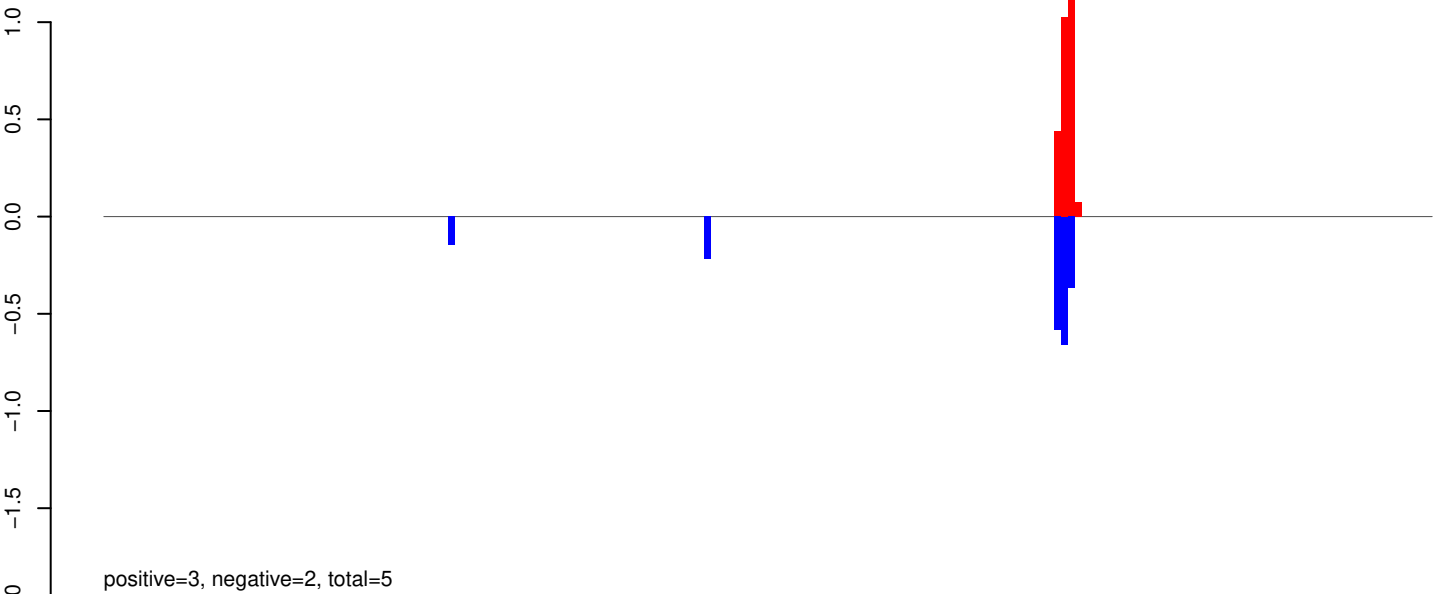
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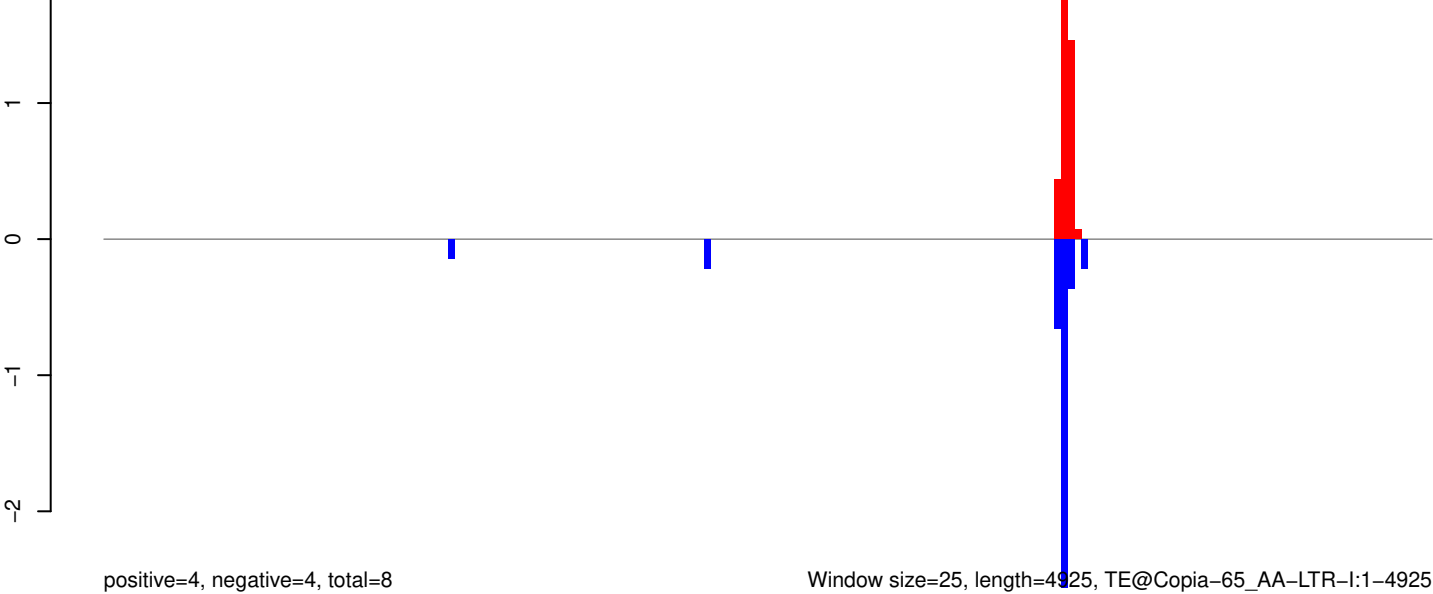
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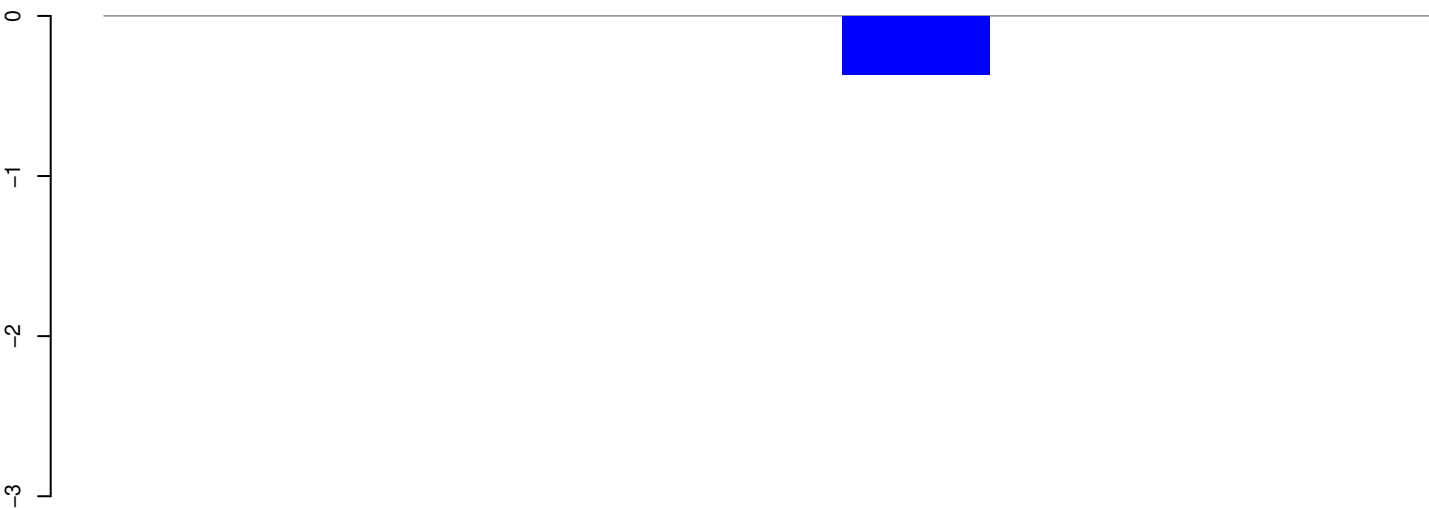
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

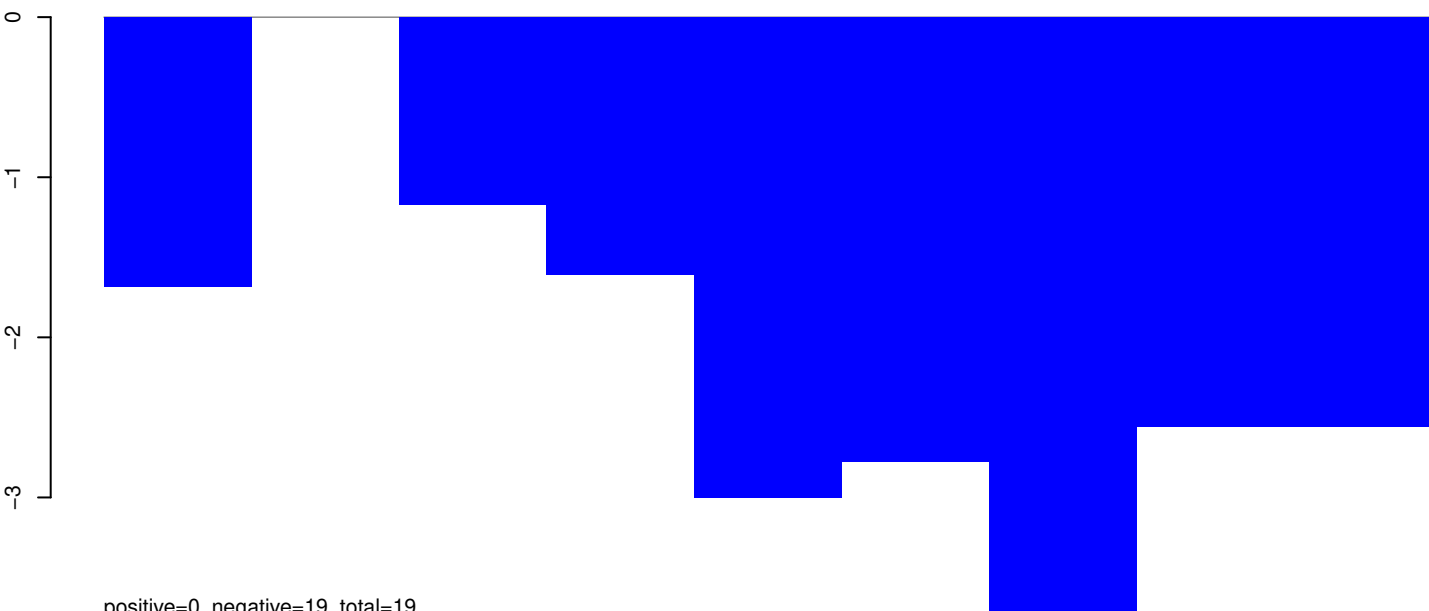


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



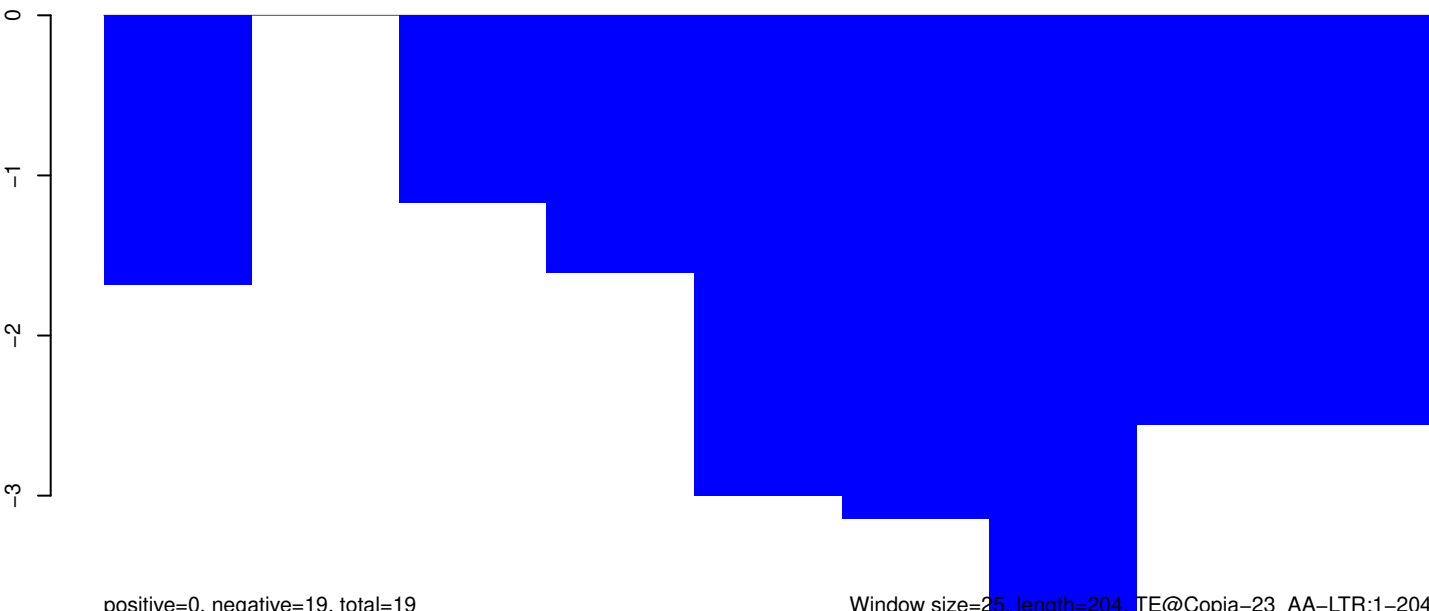
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=19, total=19

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



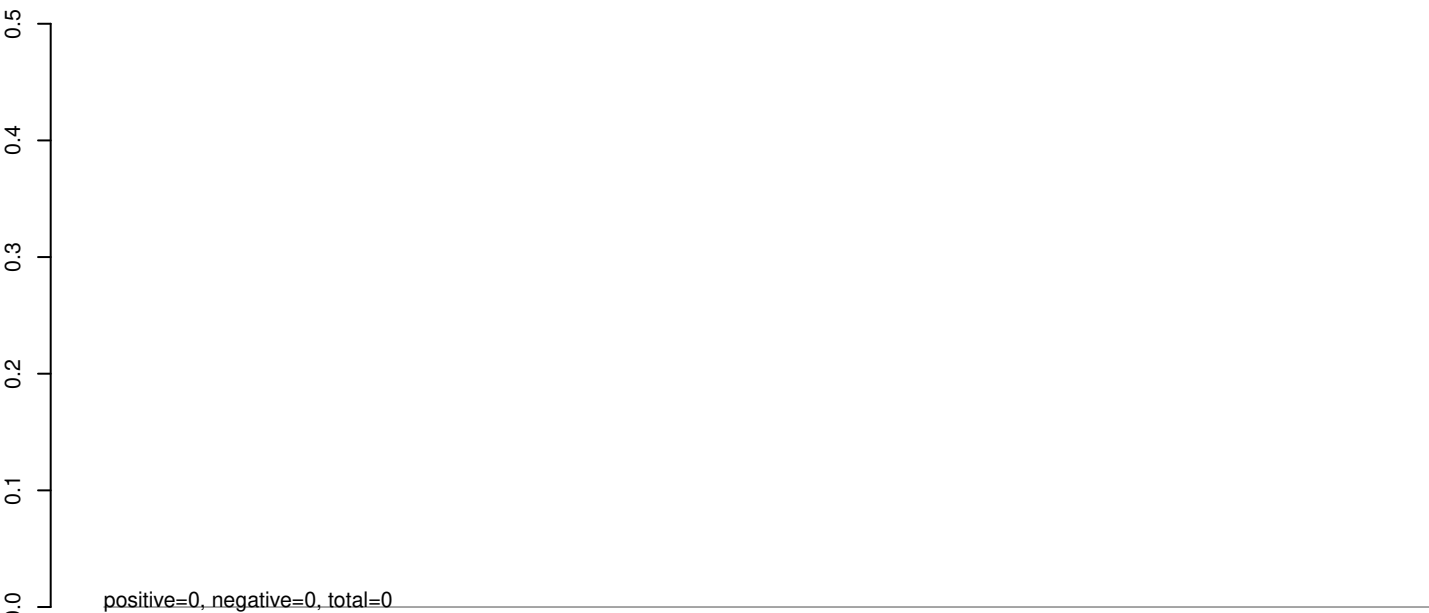
positive=0, negative=19, total=19

Window size=25, length=204, TE@Copia-23\_AA-LTR:1-204

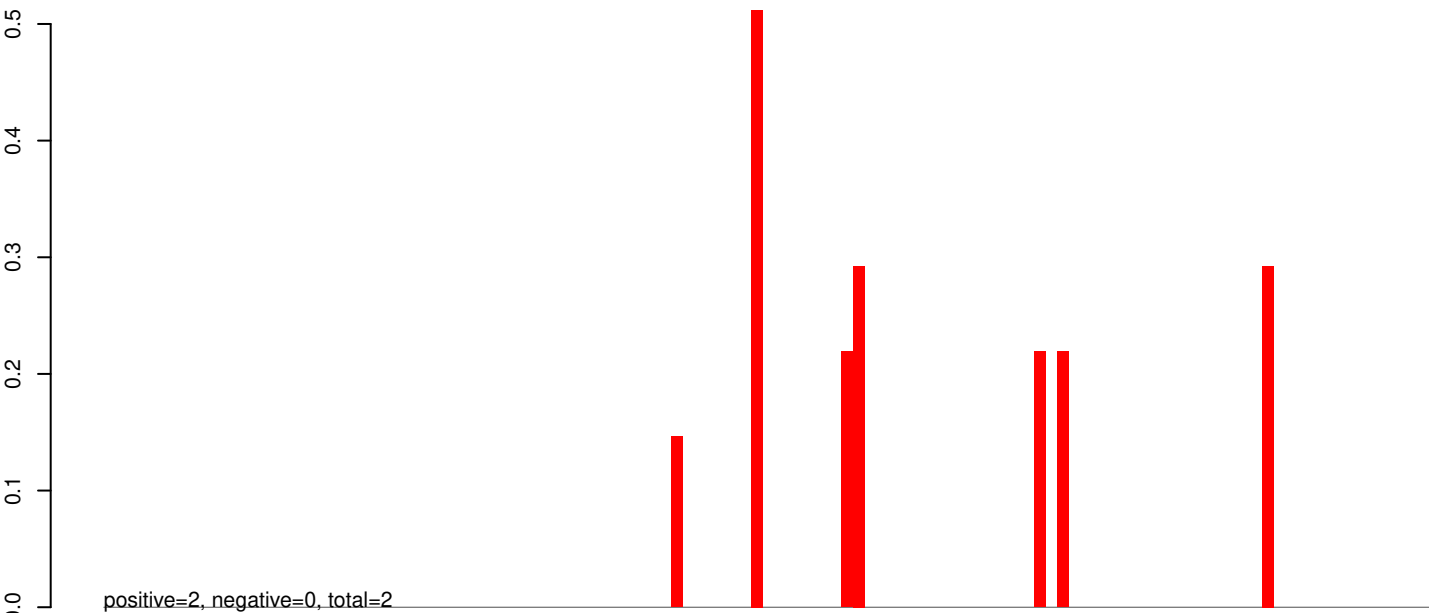
50 100 150 200 250



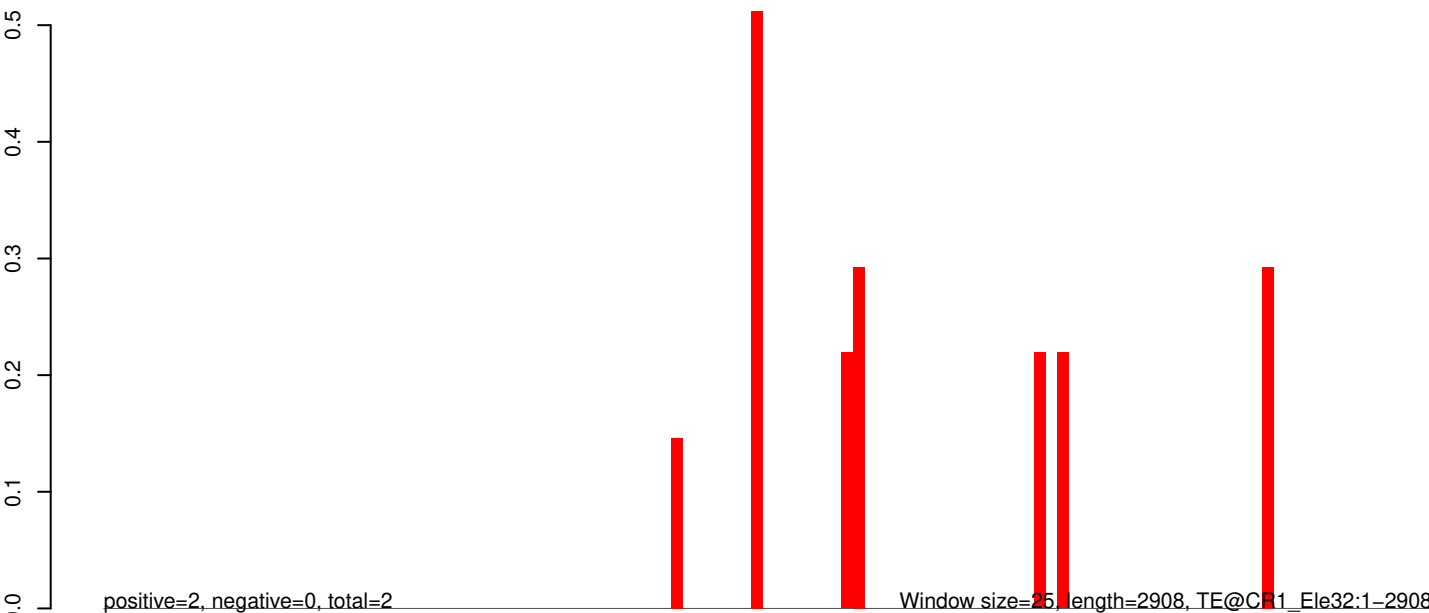
### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



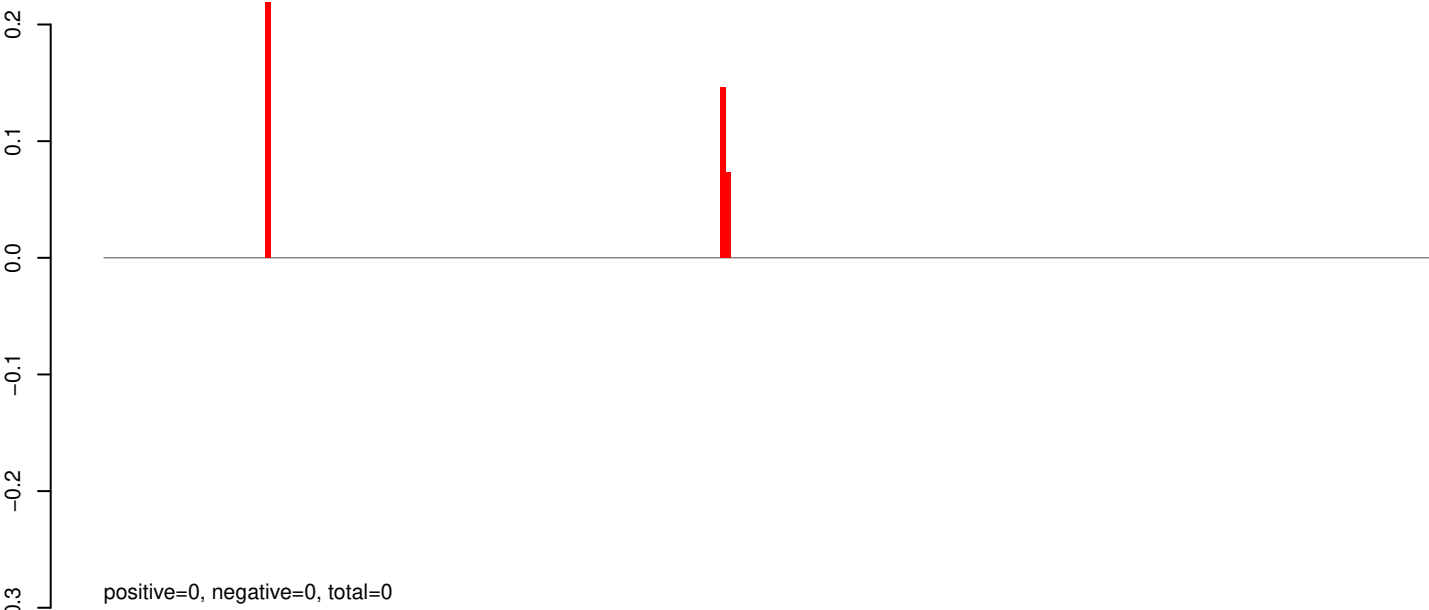
### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



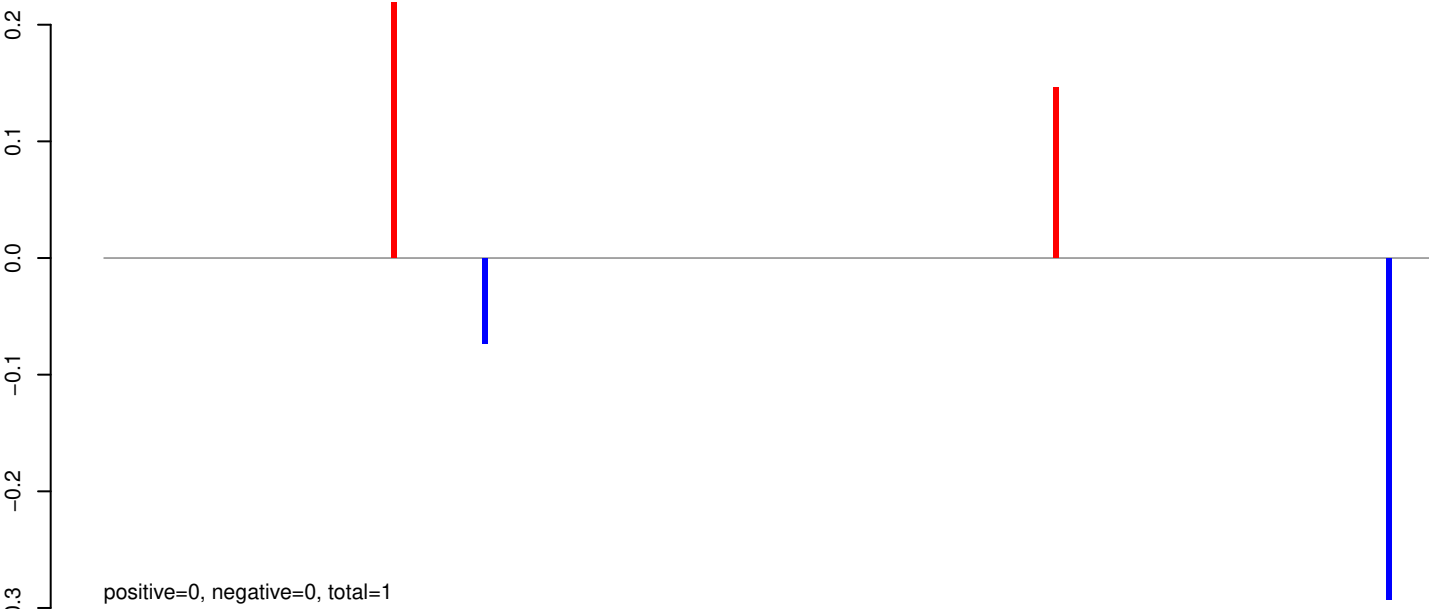
Window size=25, length=2908, TE@CR1\_Ele32:1-2908

0 500 1000 1500 2000 2500 3000

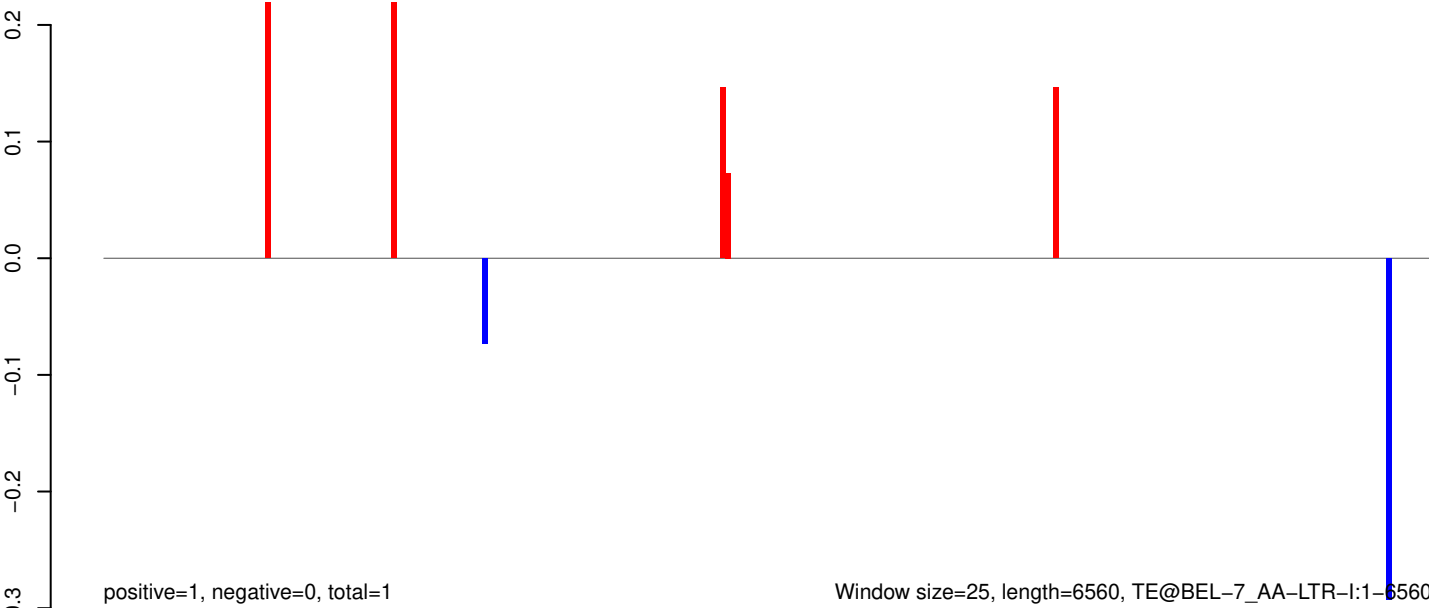
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



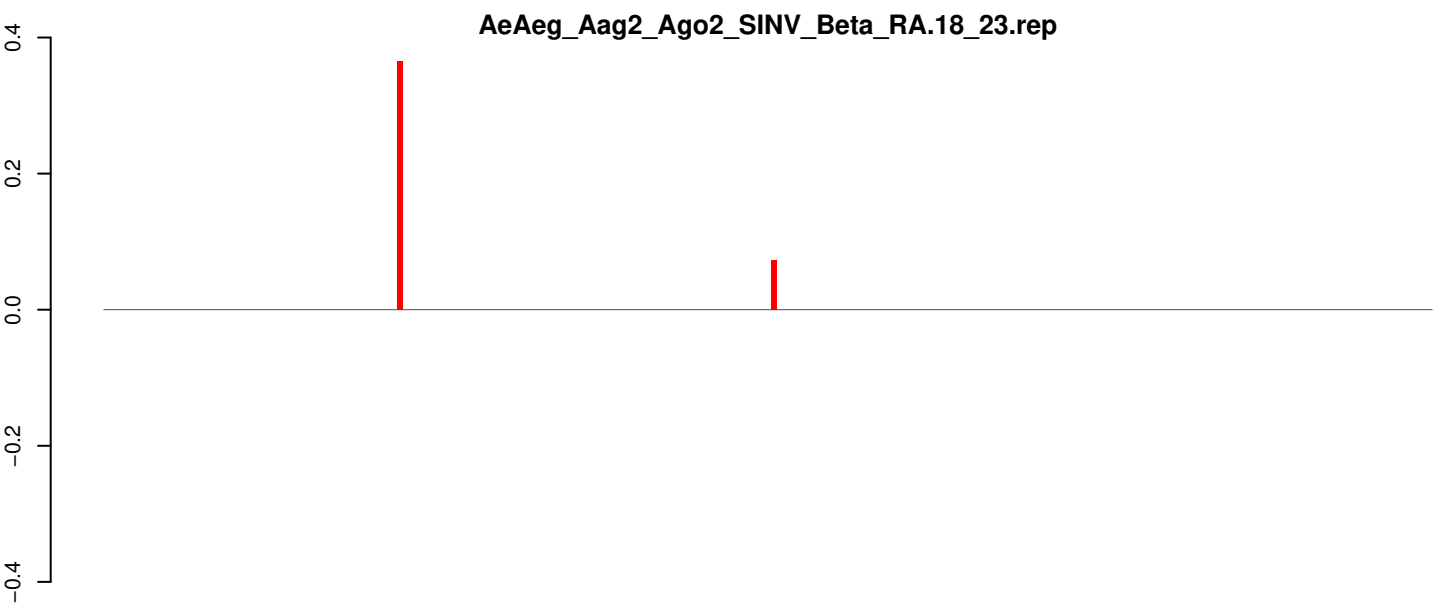
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



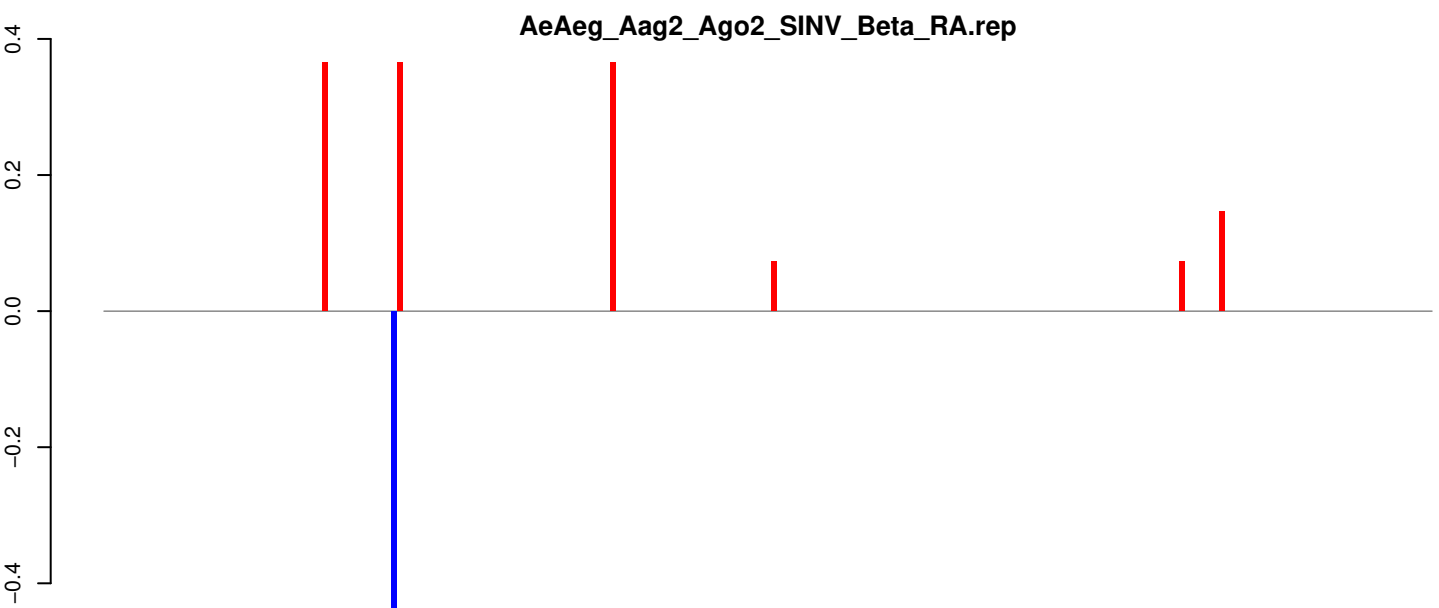
Window size=25, length=6560, TE@BEL-7\_AA-LTR-I:1-6560



positive=0, negative=0, total=0



positive=1, negative=1, total=1



positive=1, negative=1, total=2

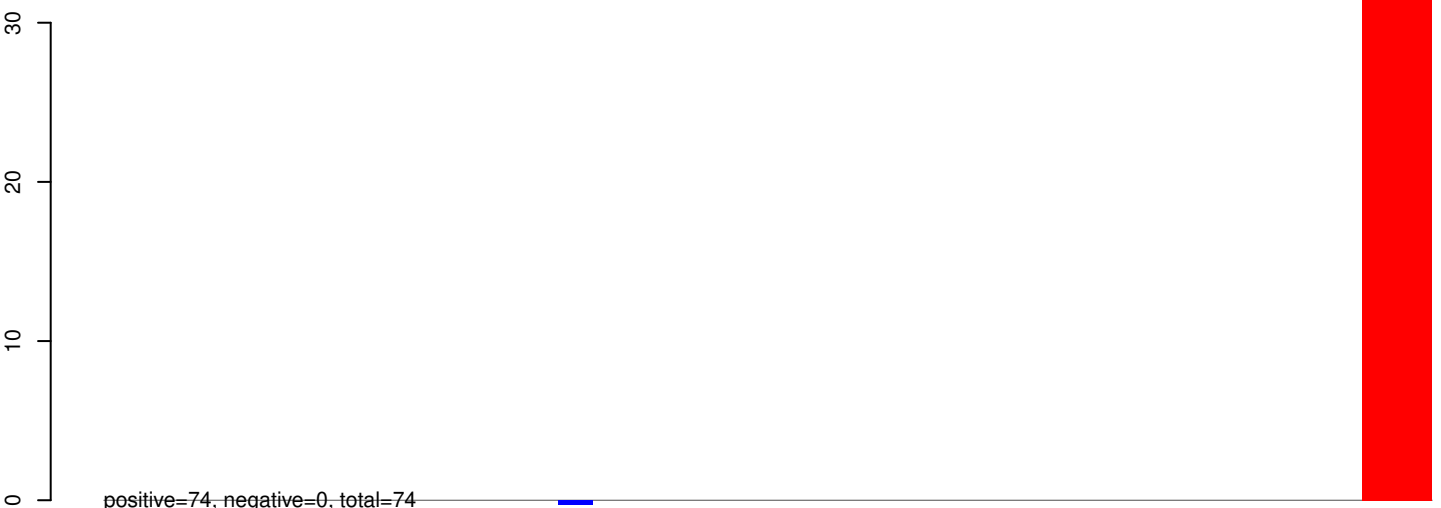
Window size=25, length=5753, TE@BEL-109\_AA-LTR-I:1-5753

0 1000 2000 3000 4000 5000 6000

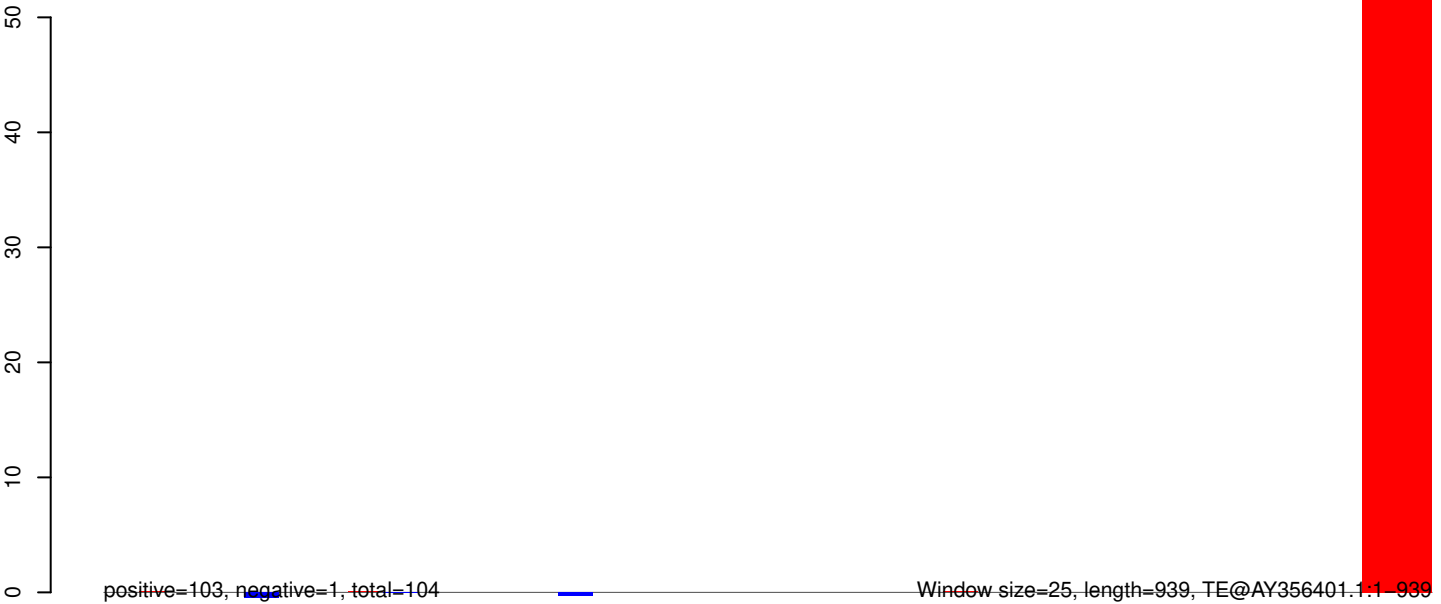
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



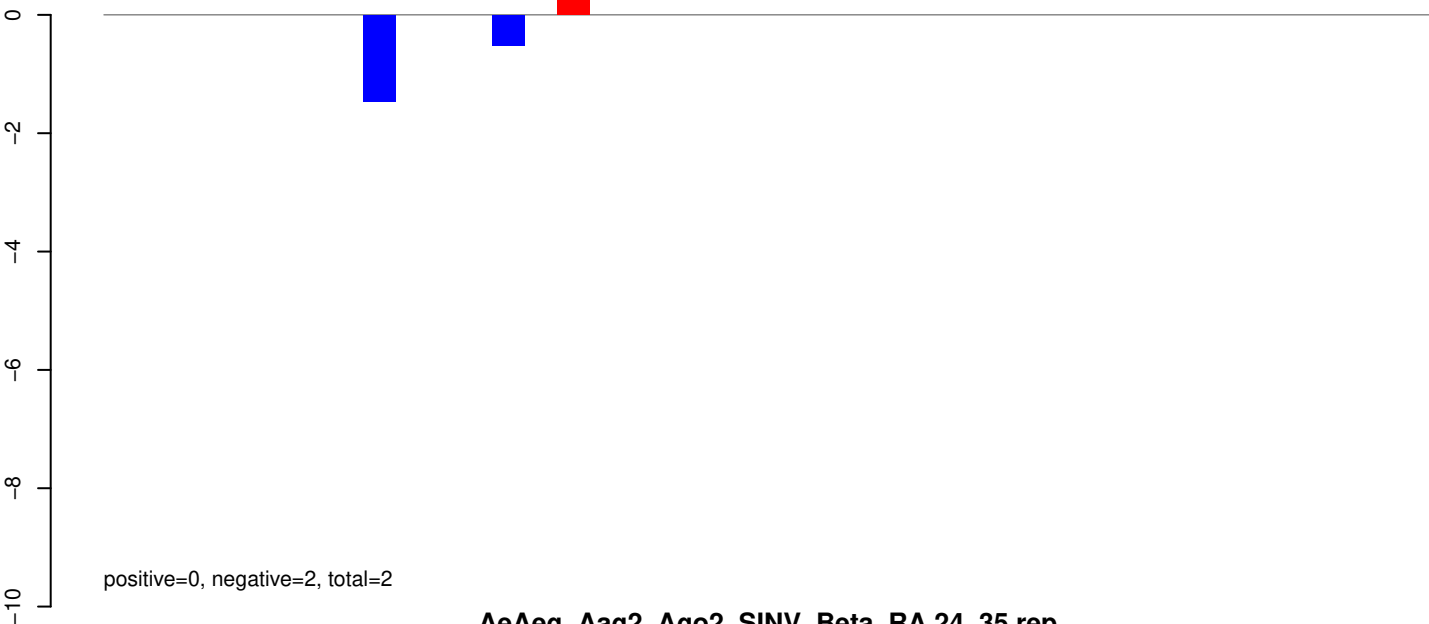
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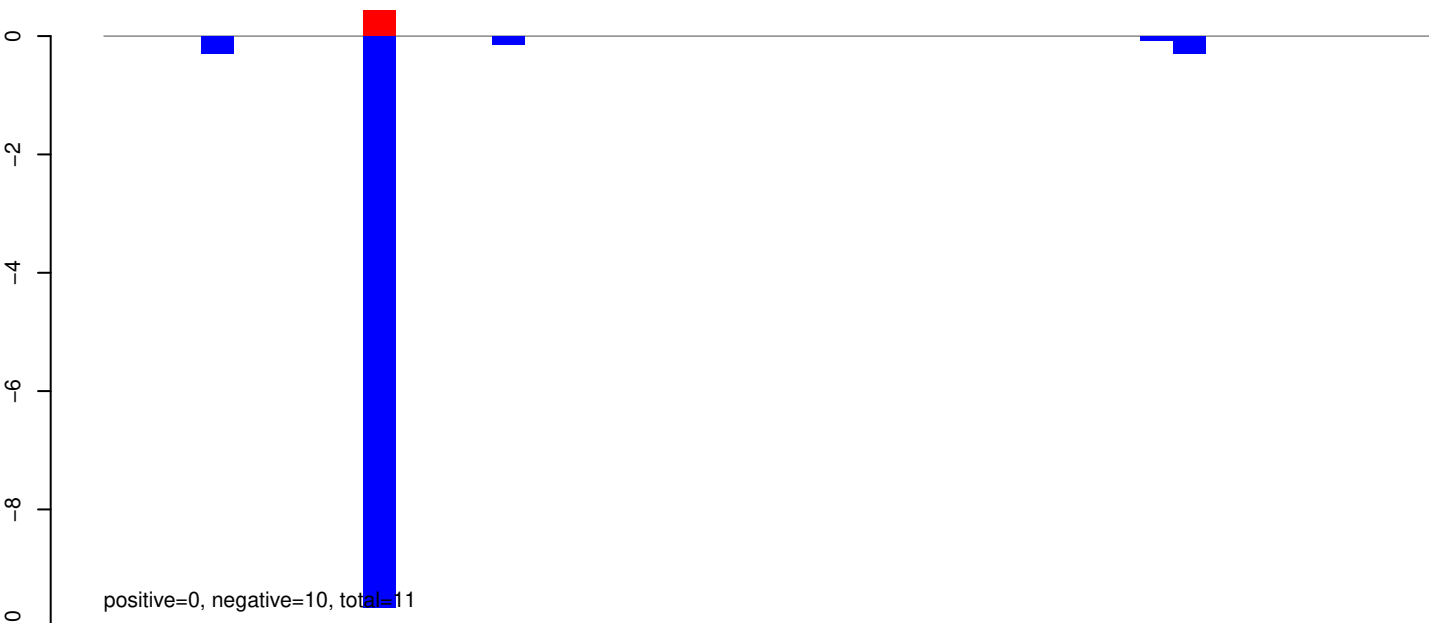
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



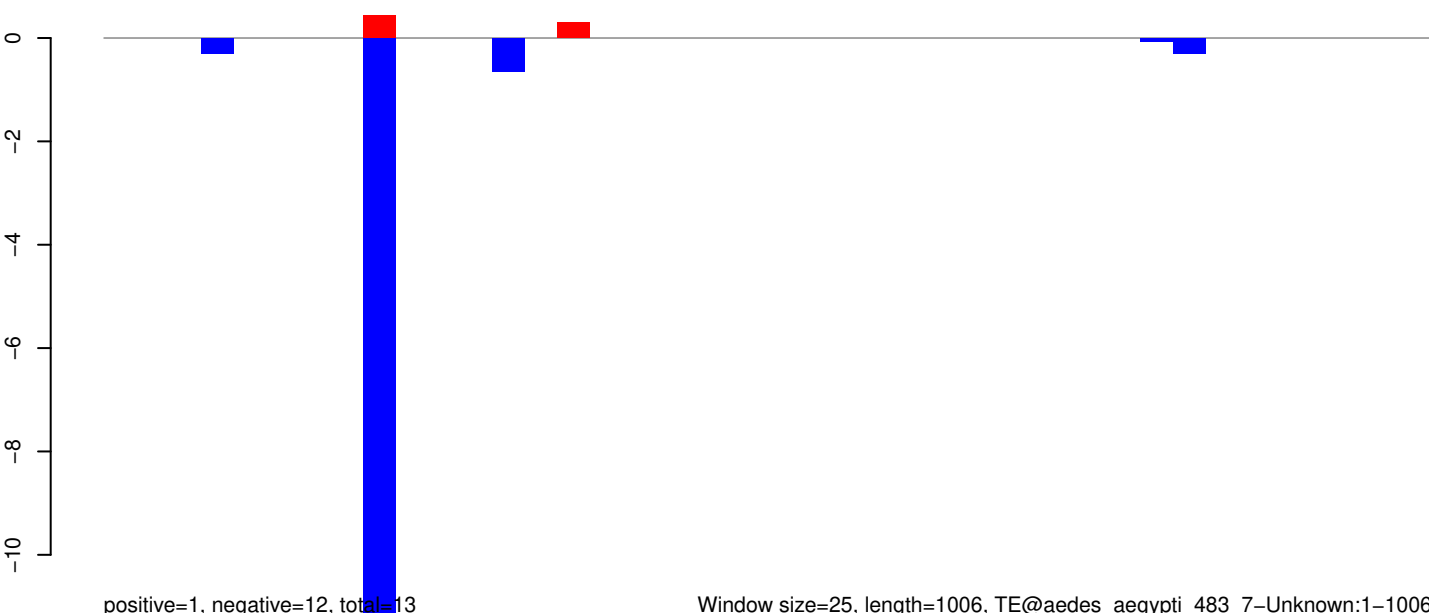
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



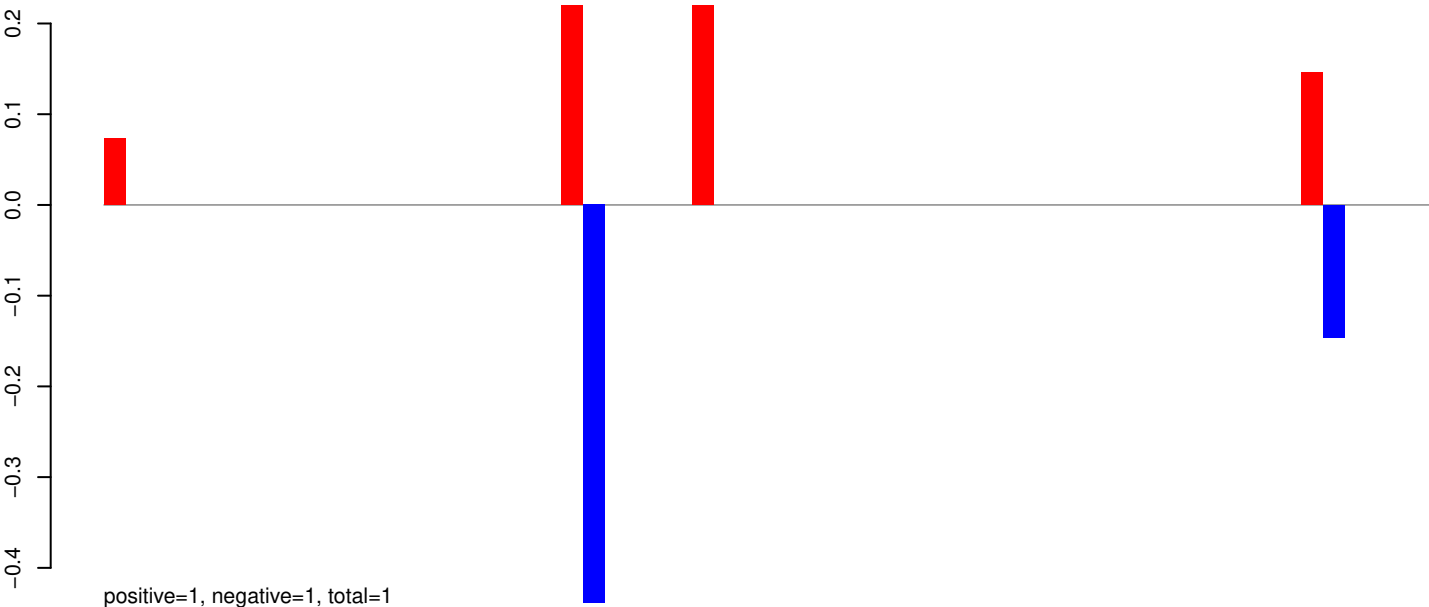
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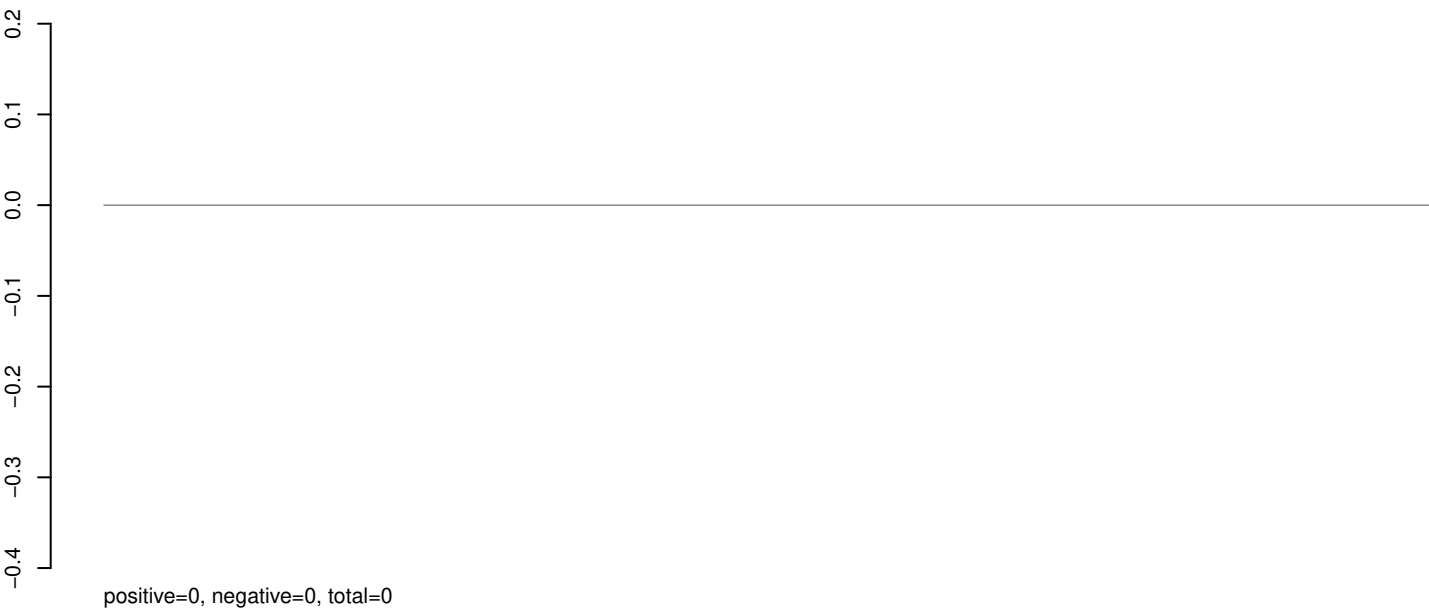
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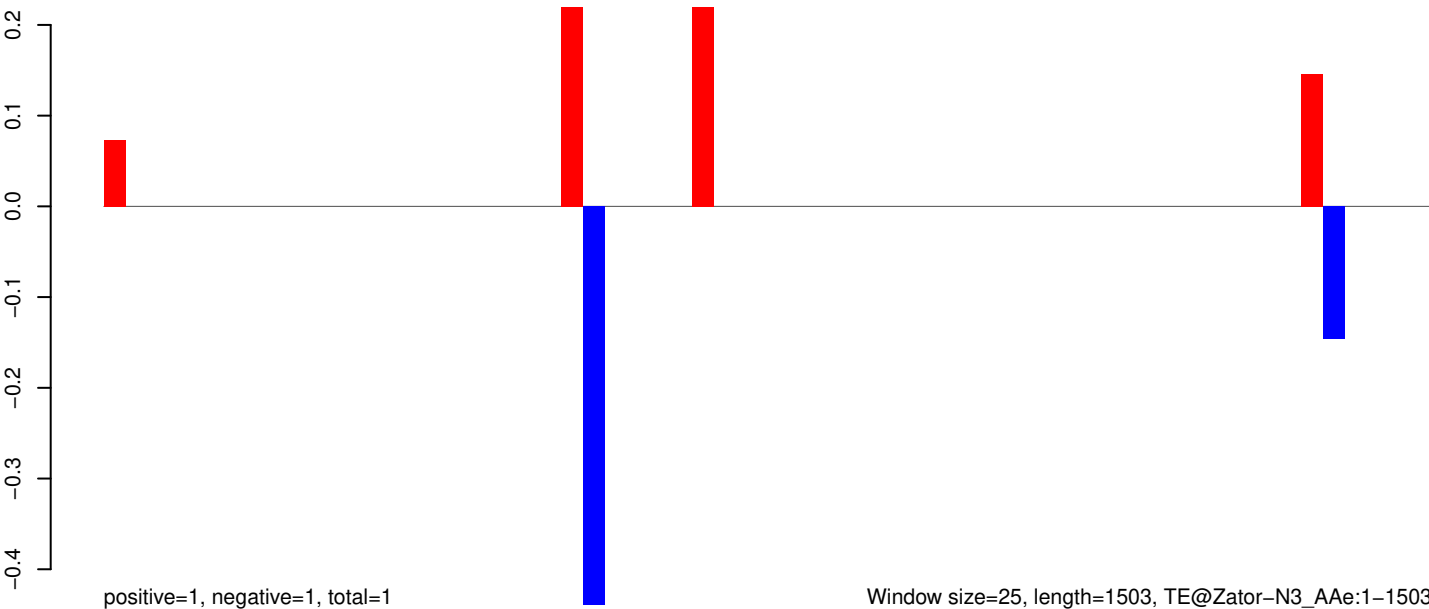
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



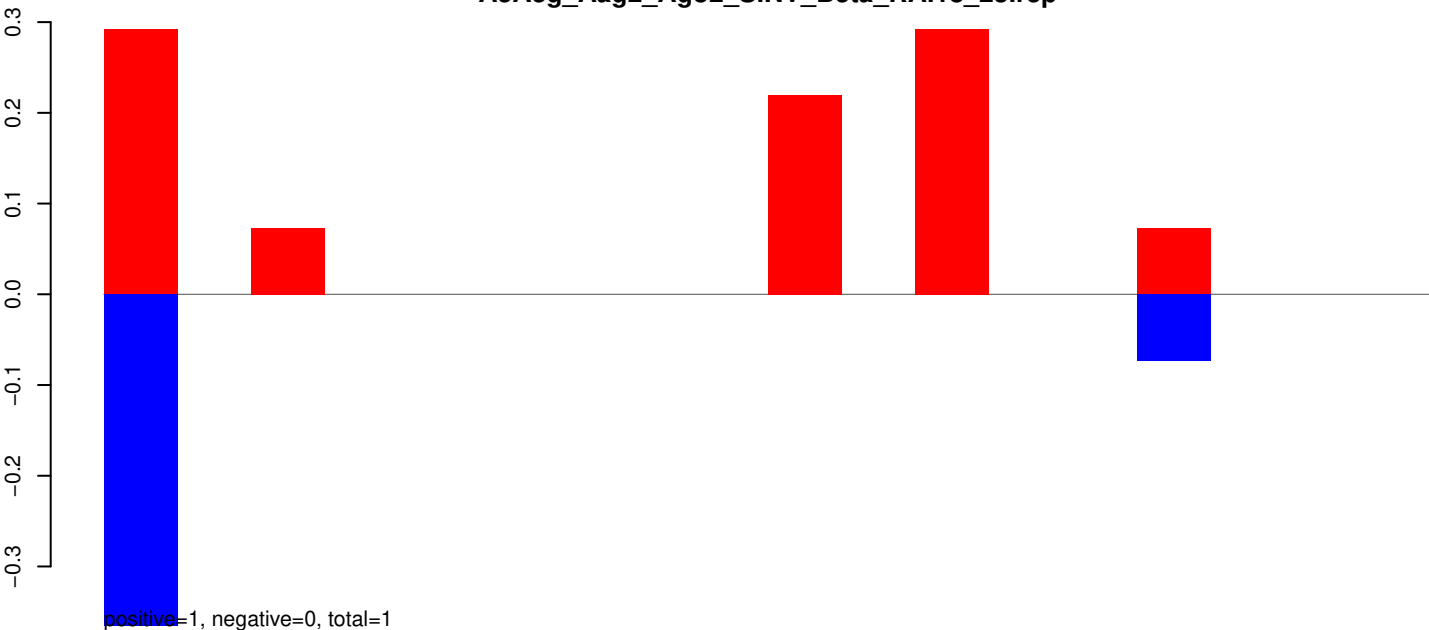
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



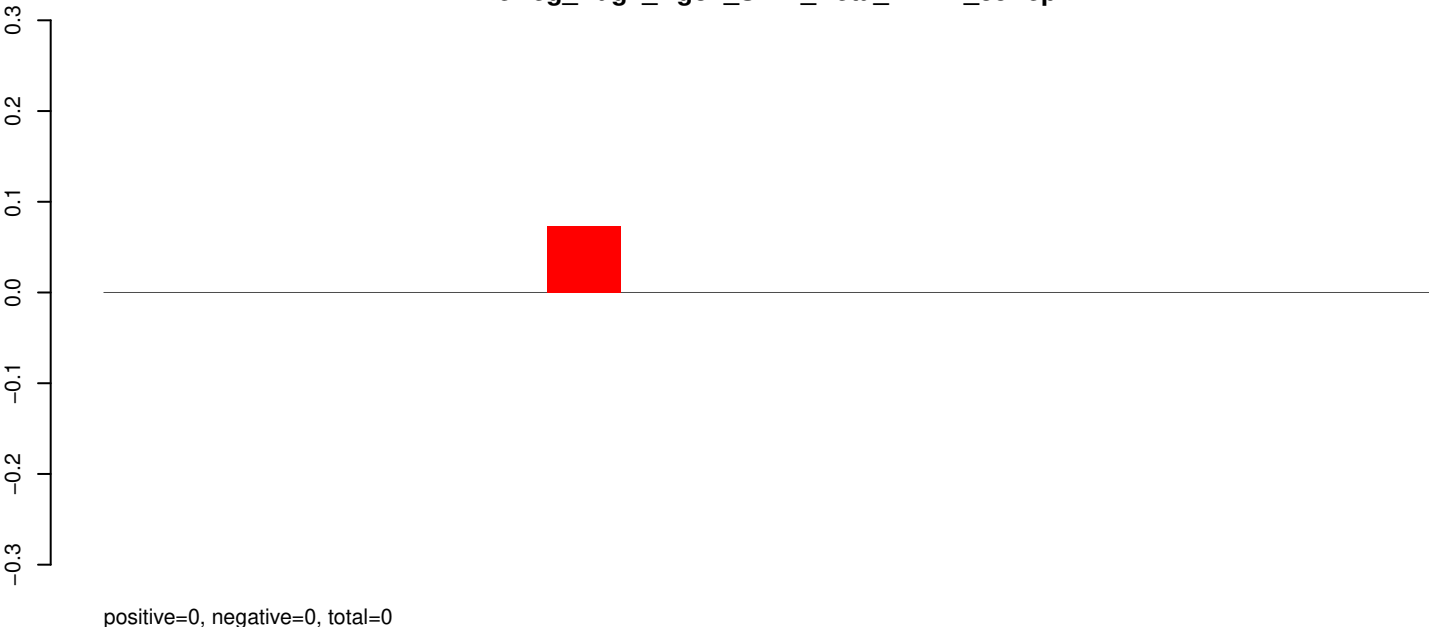
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



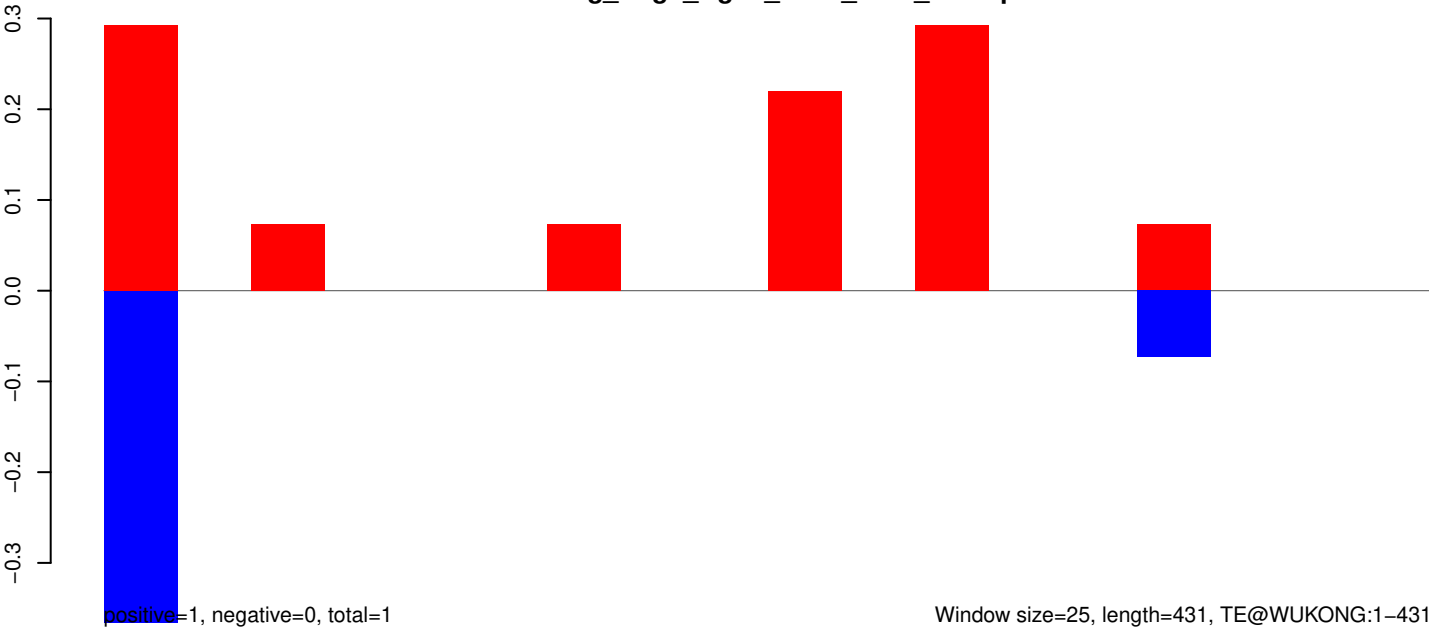
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



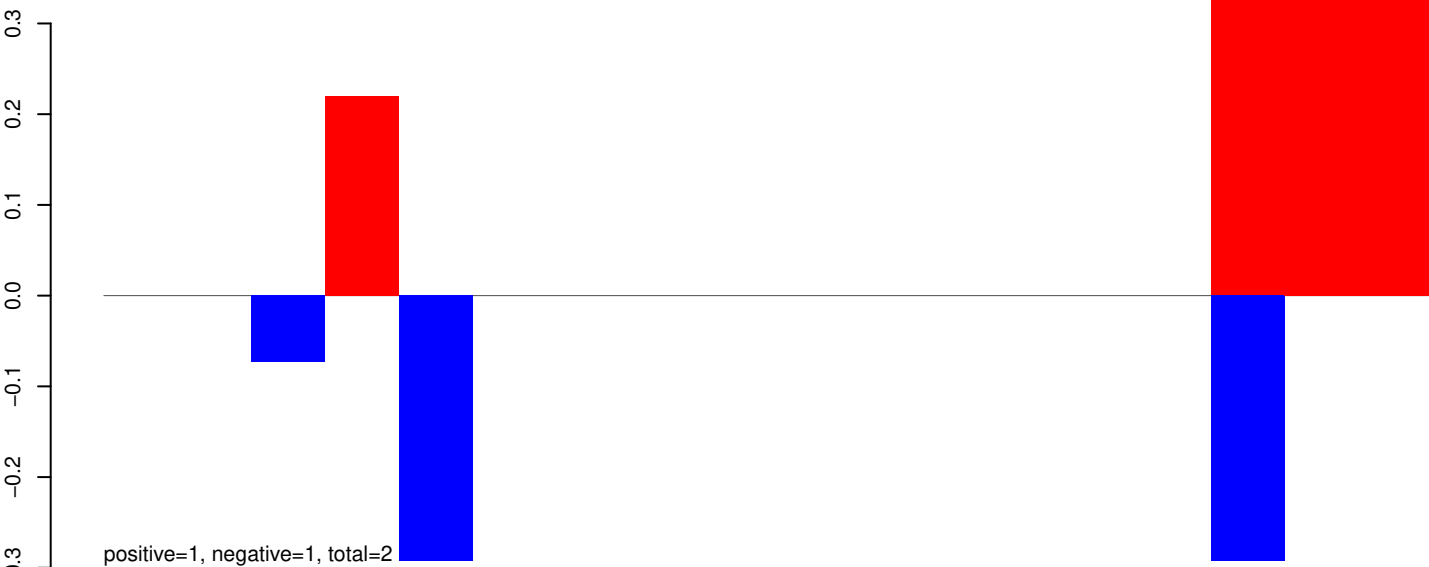
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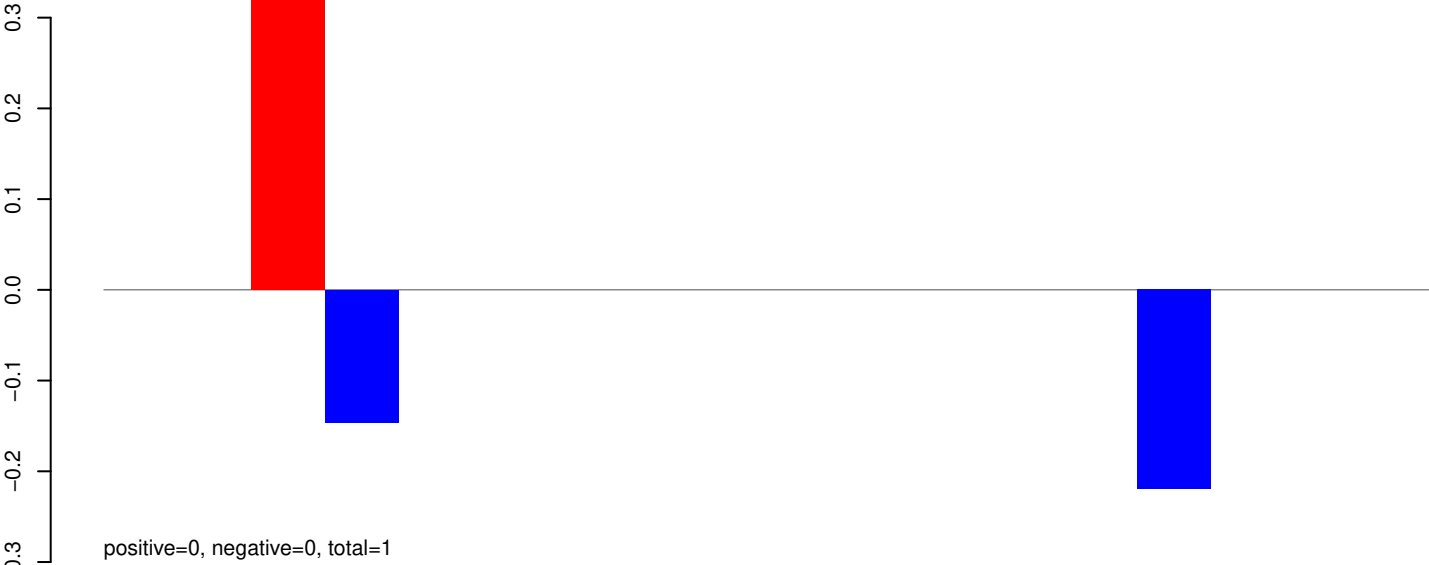
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



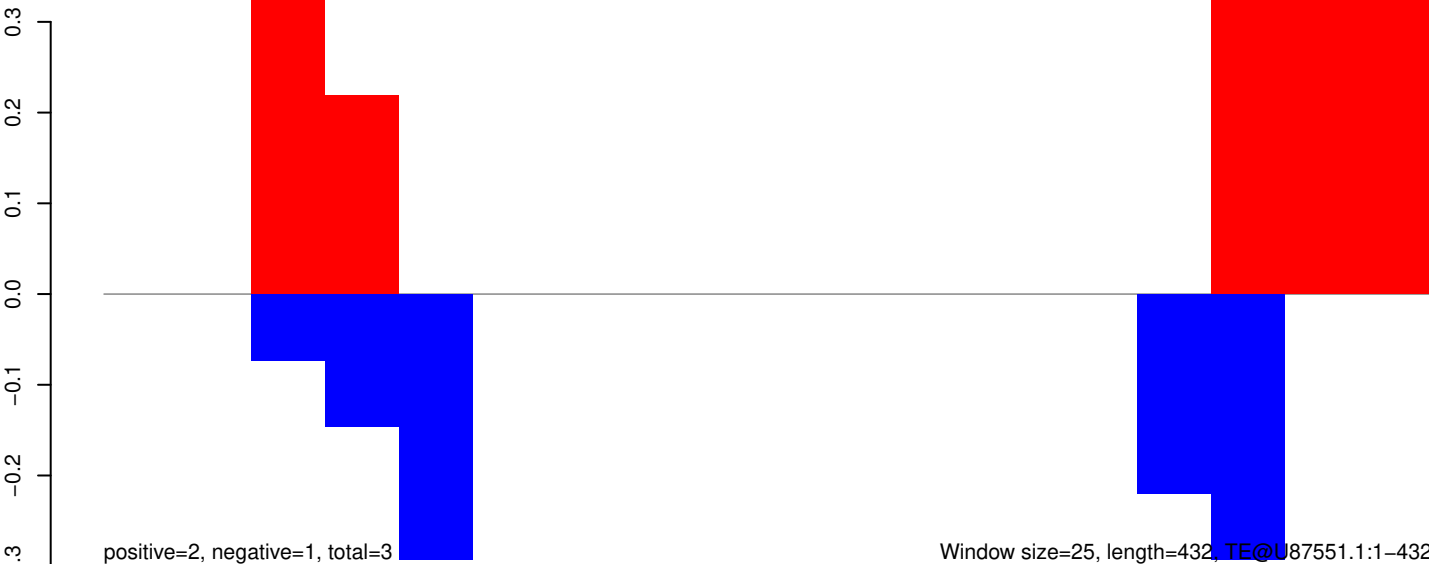
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

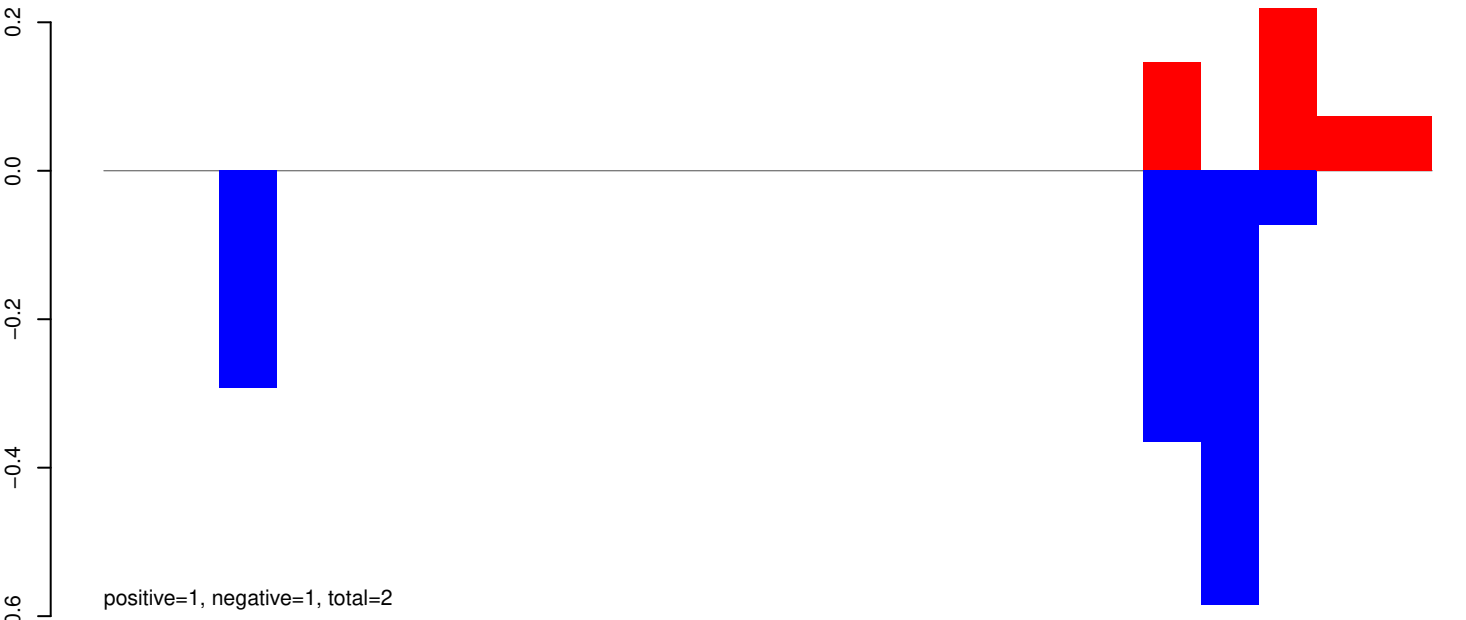


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

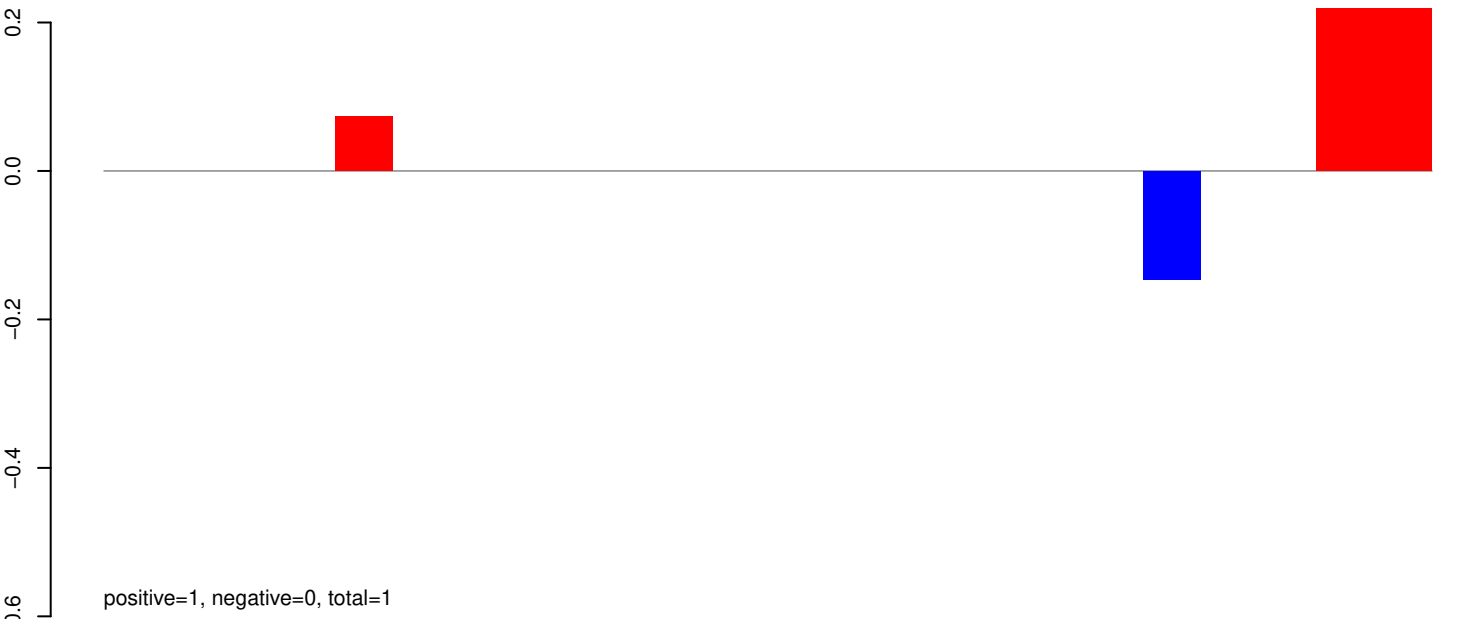




**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



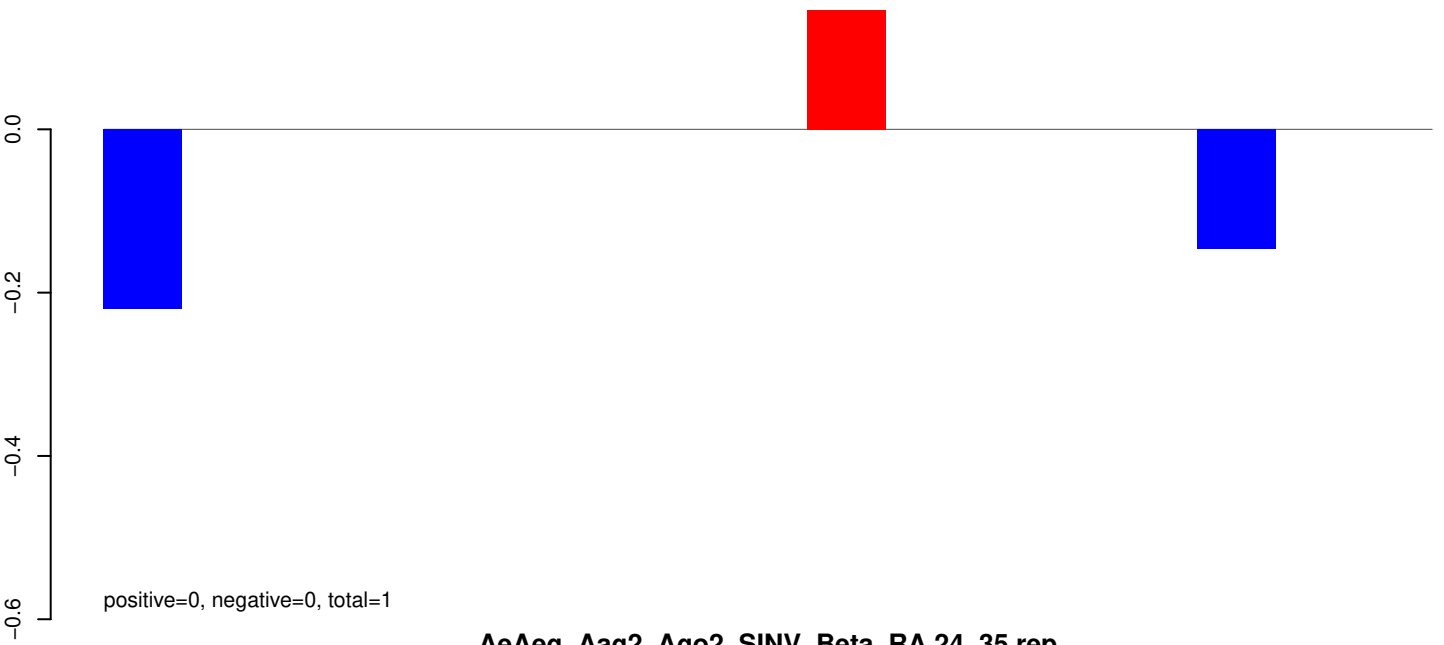
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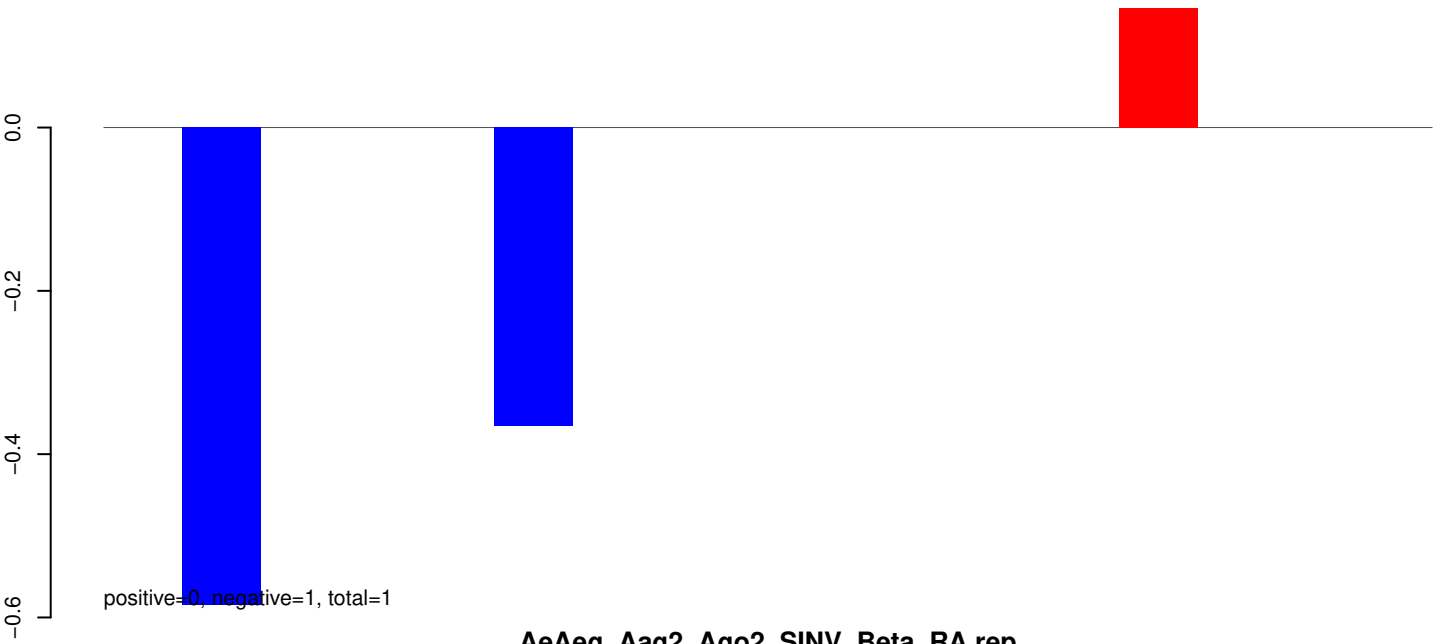
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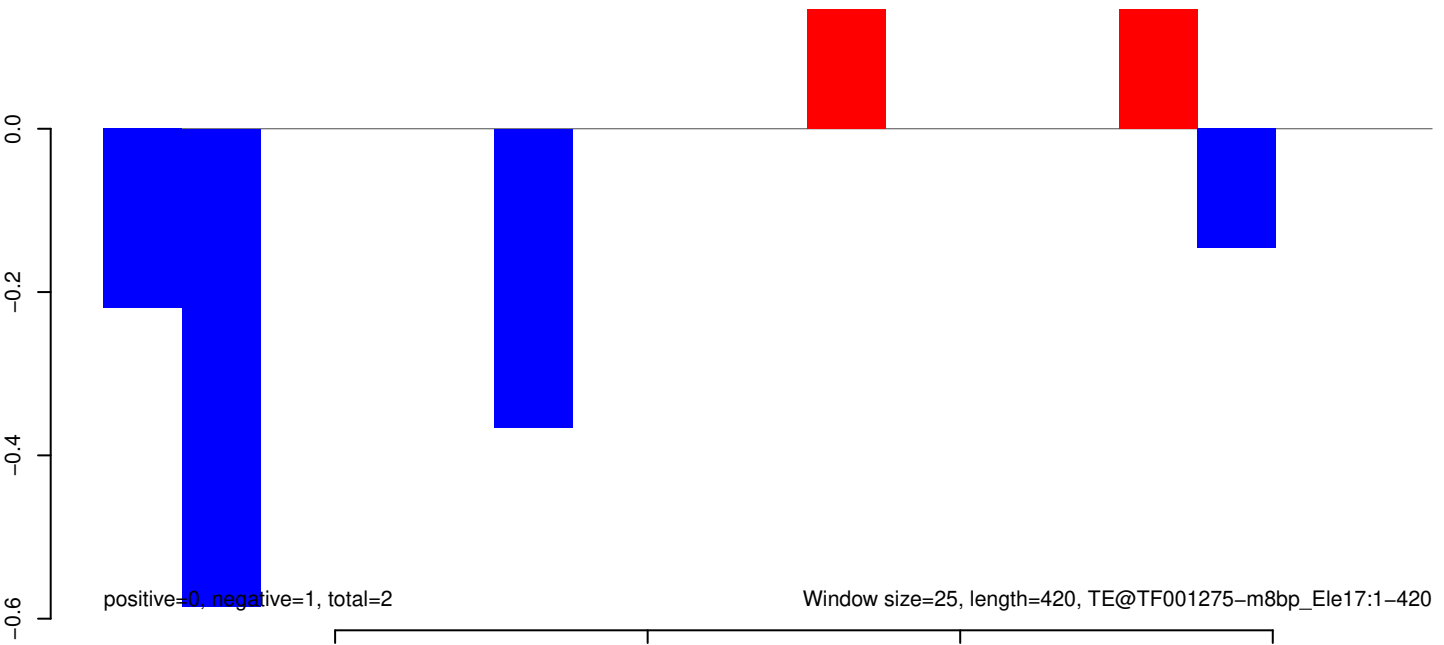
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



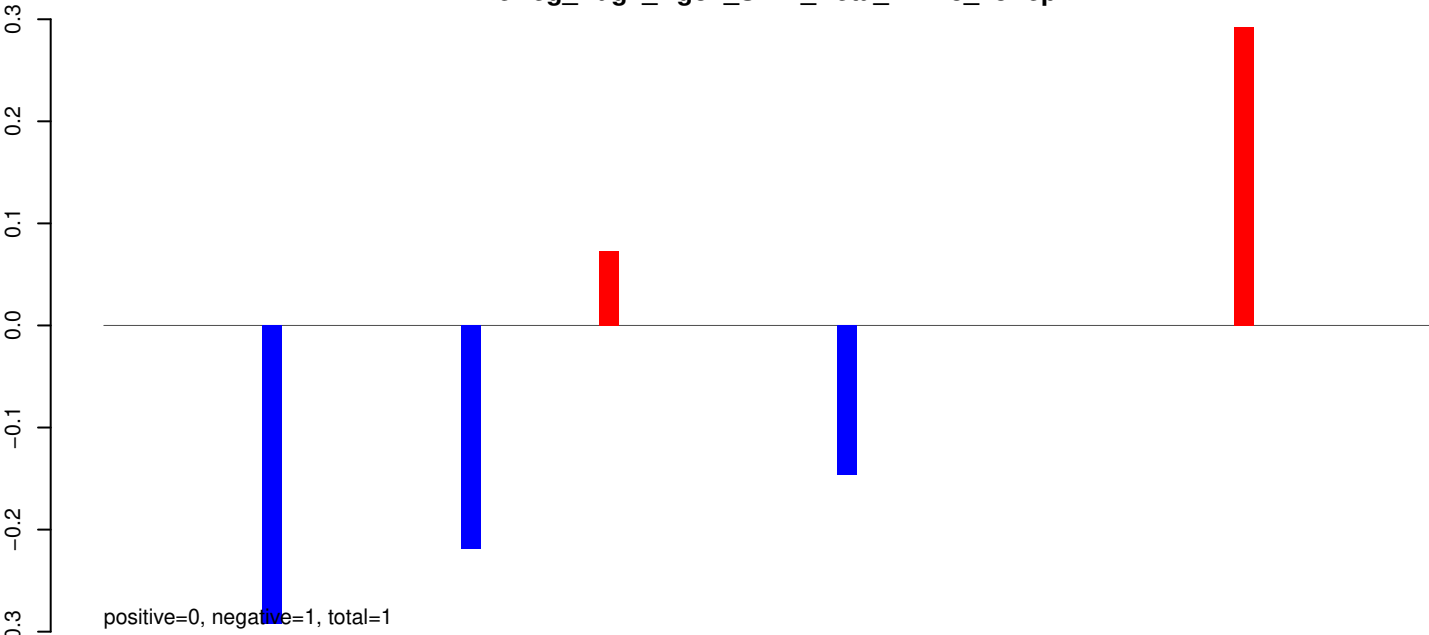
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



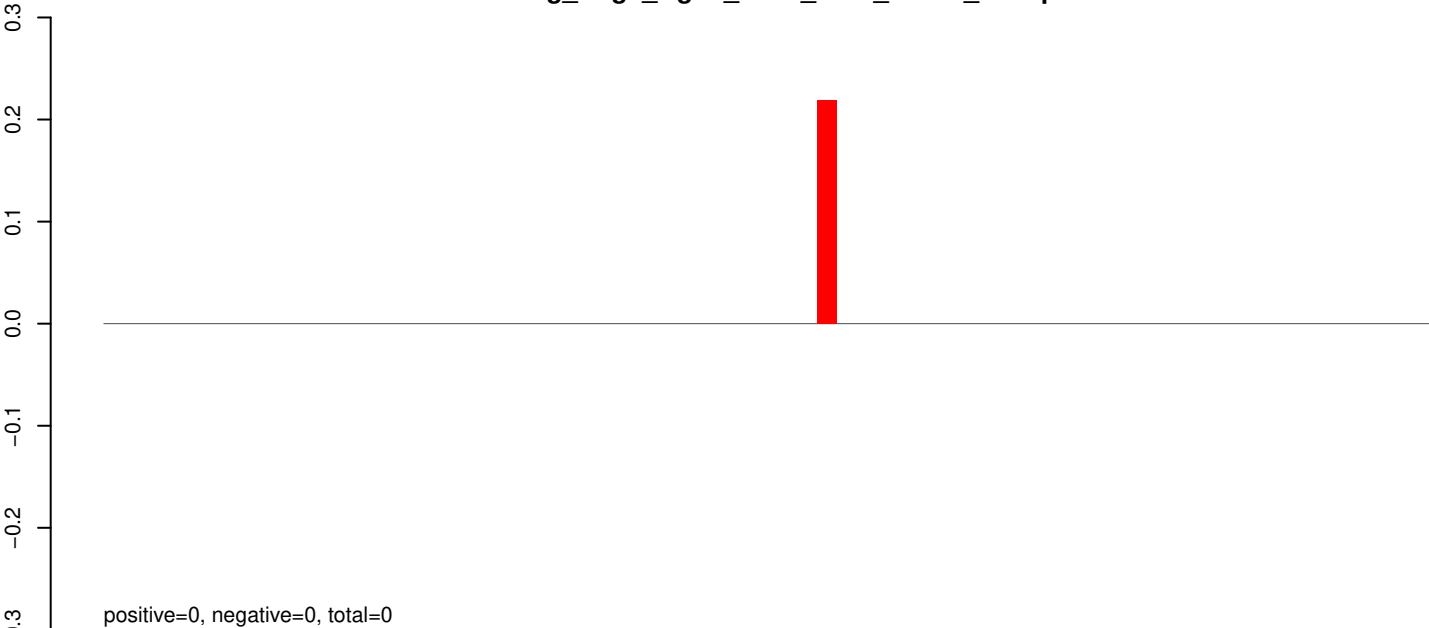
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



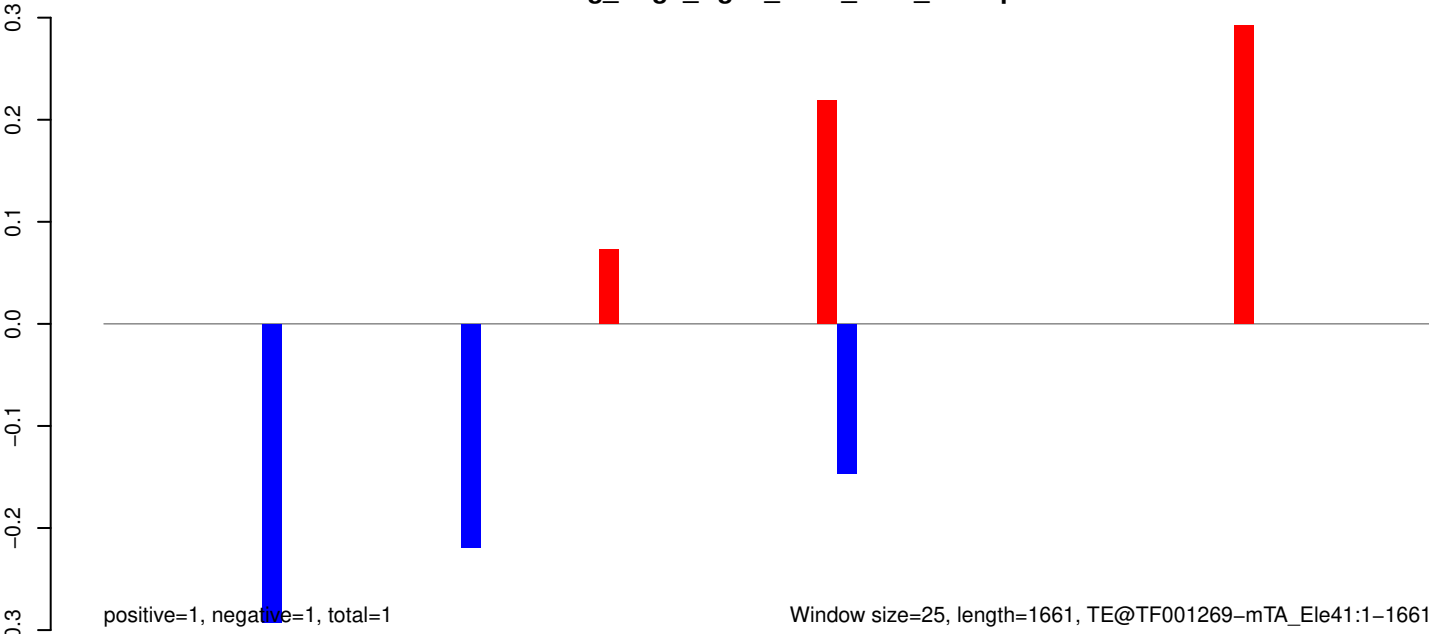
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

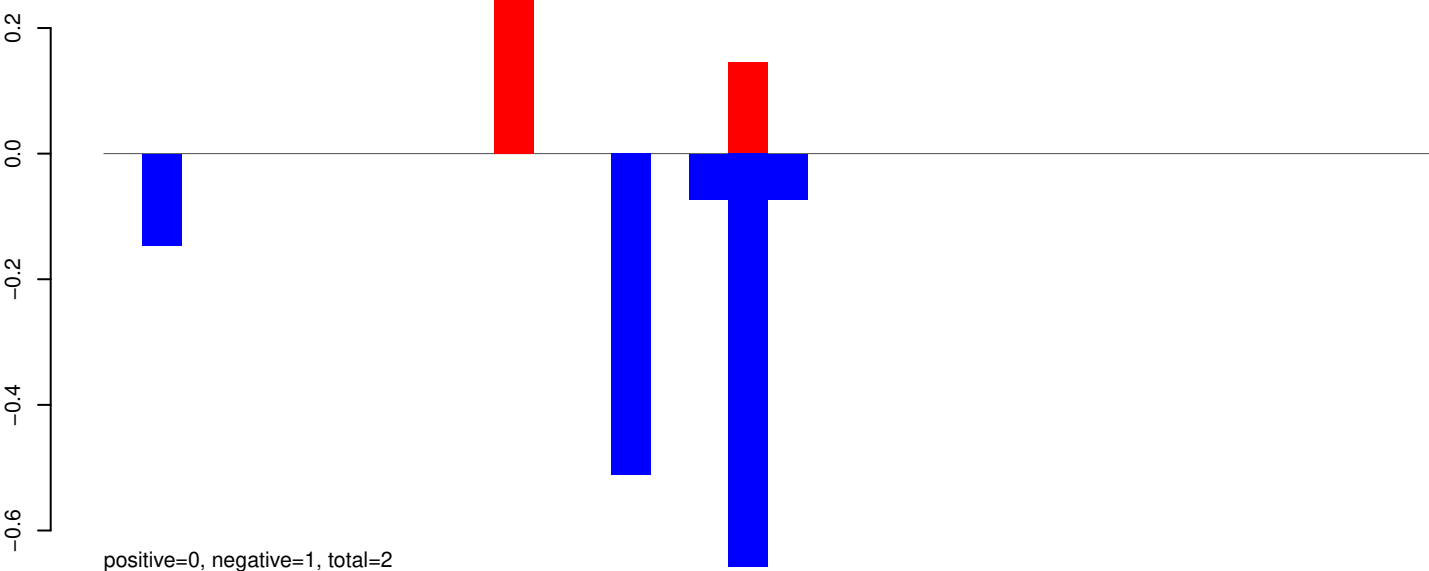


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

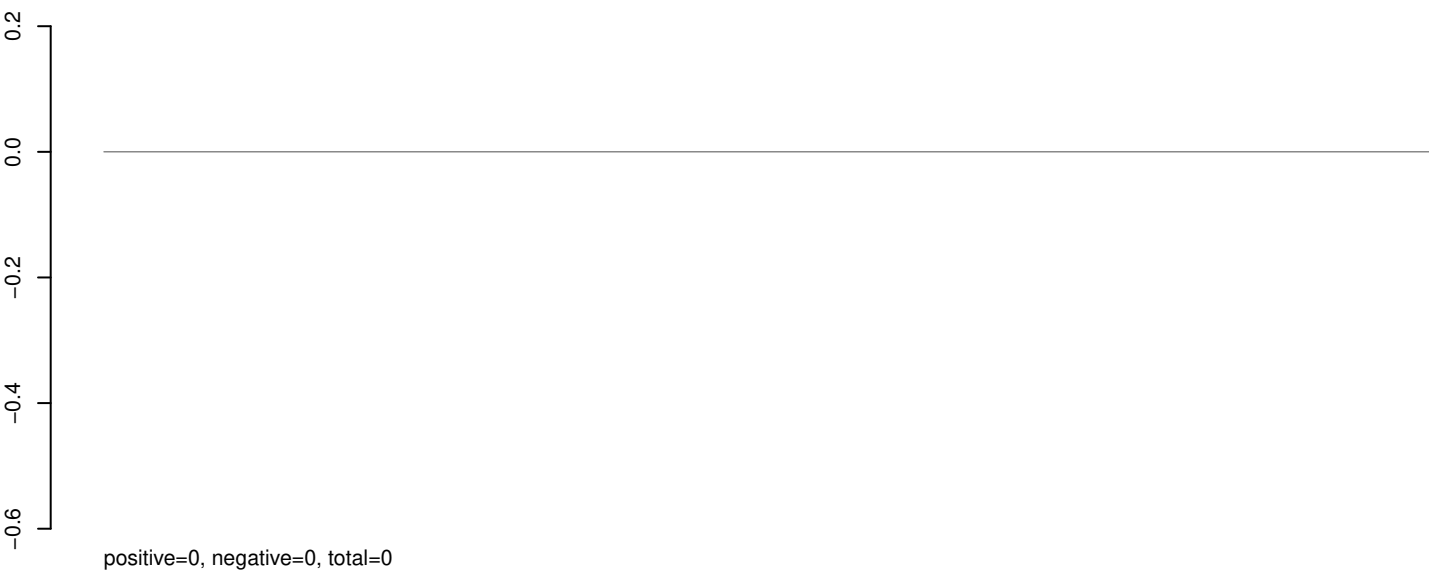


Window size=25, length=1661, TE@TF001269-mTA\_Ele41:1-1661

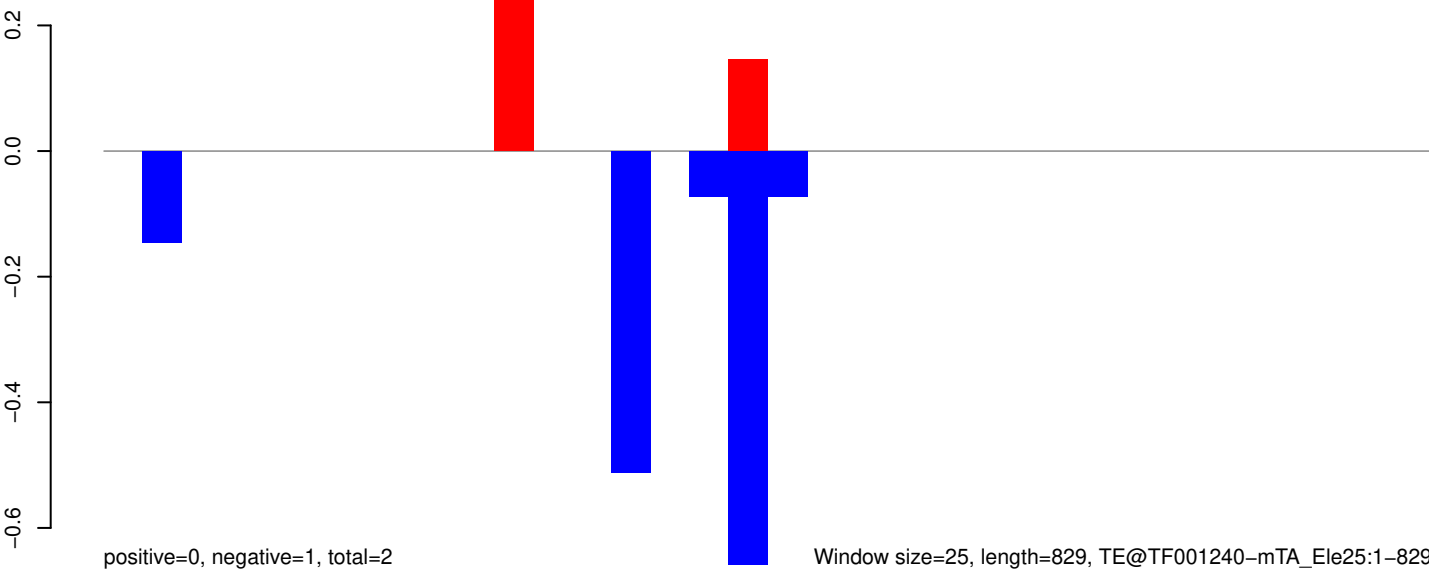
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



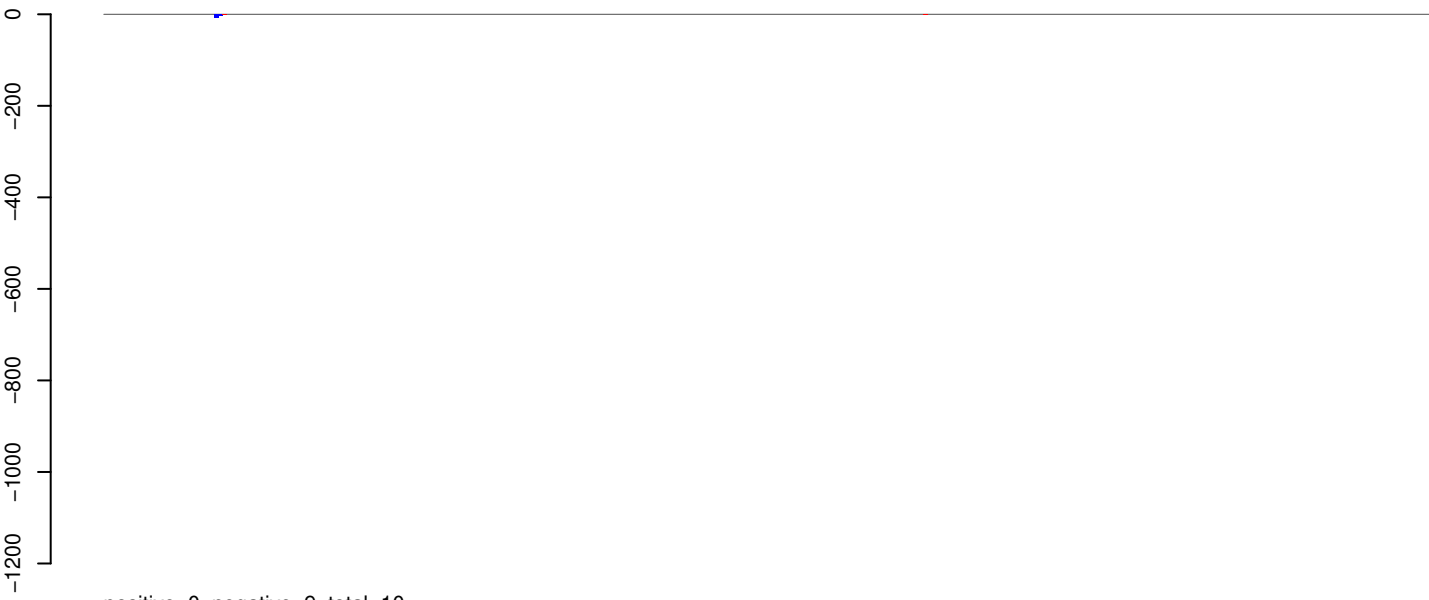
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



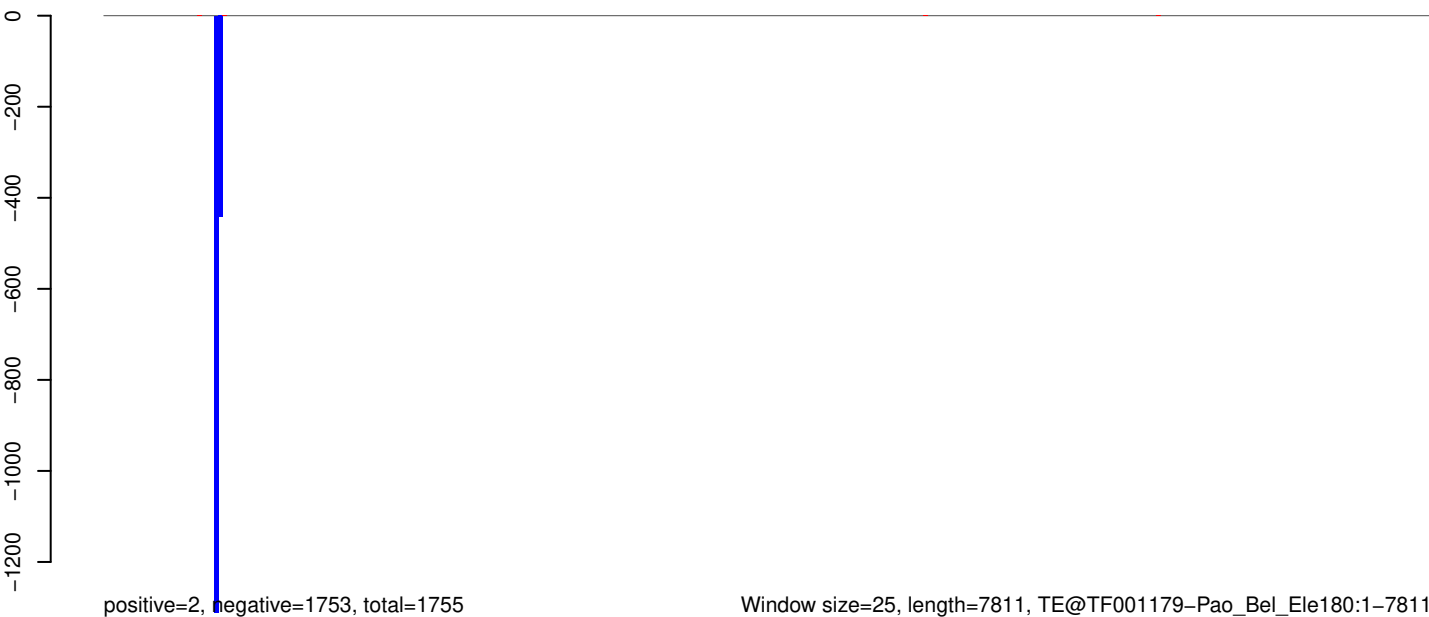
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



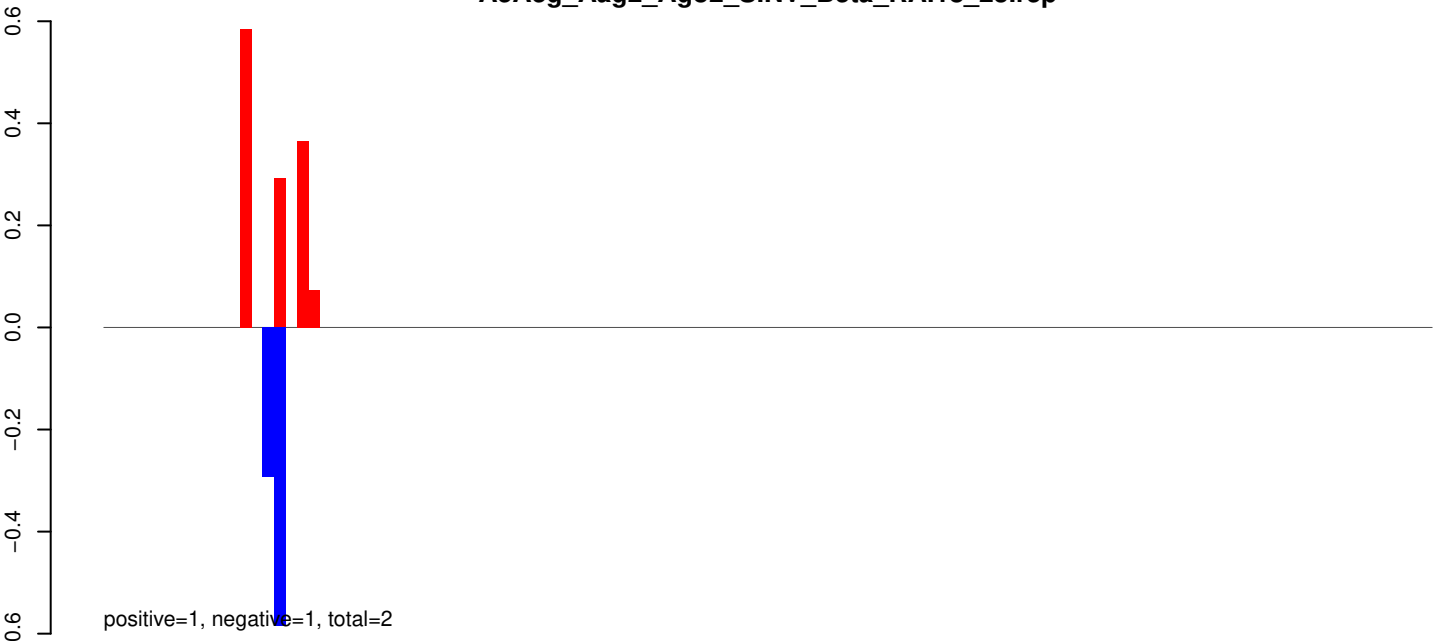
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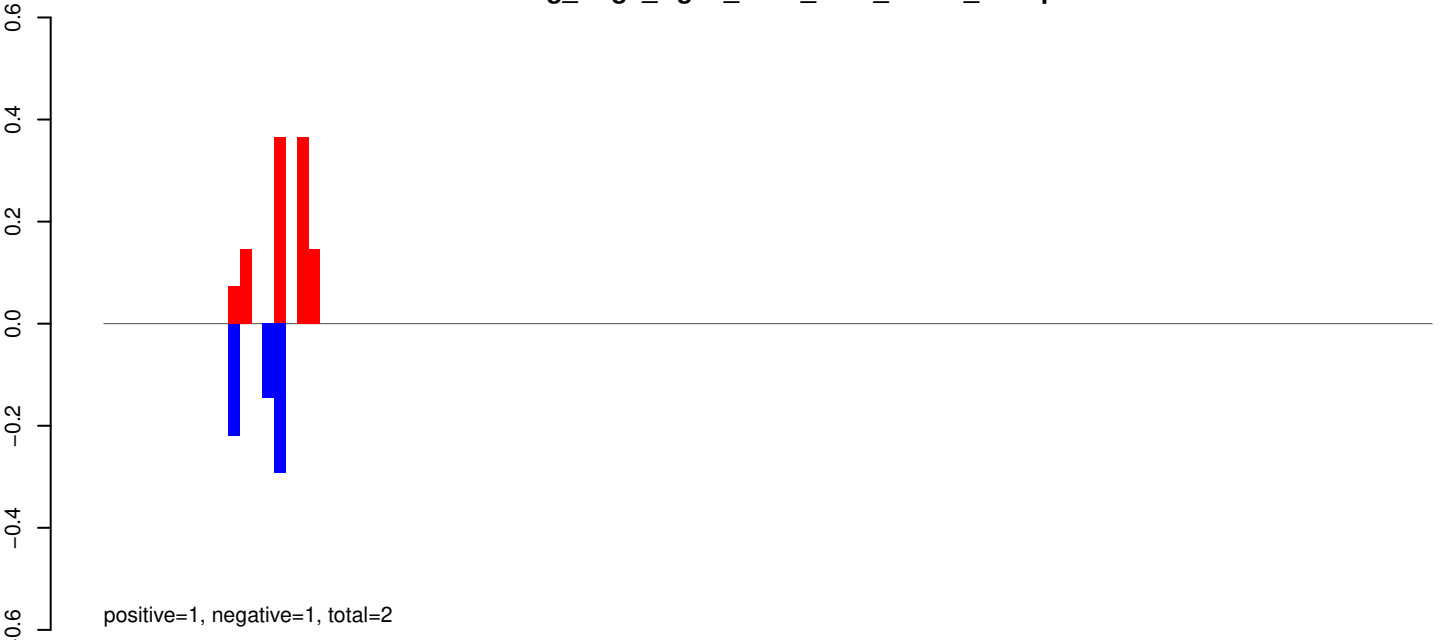
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



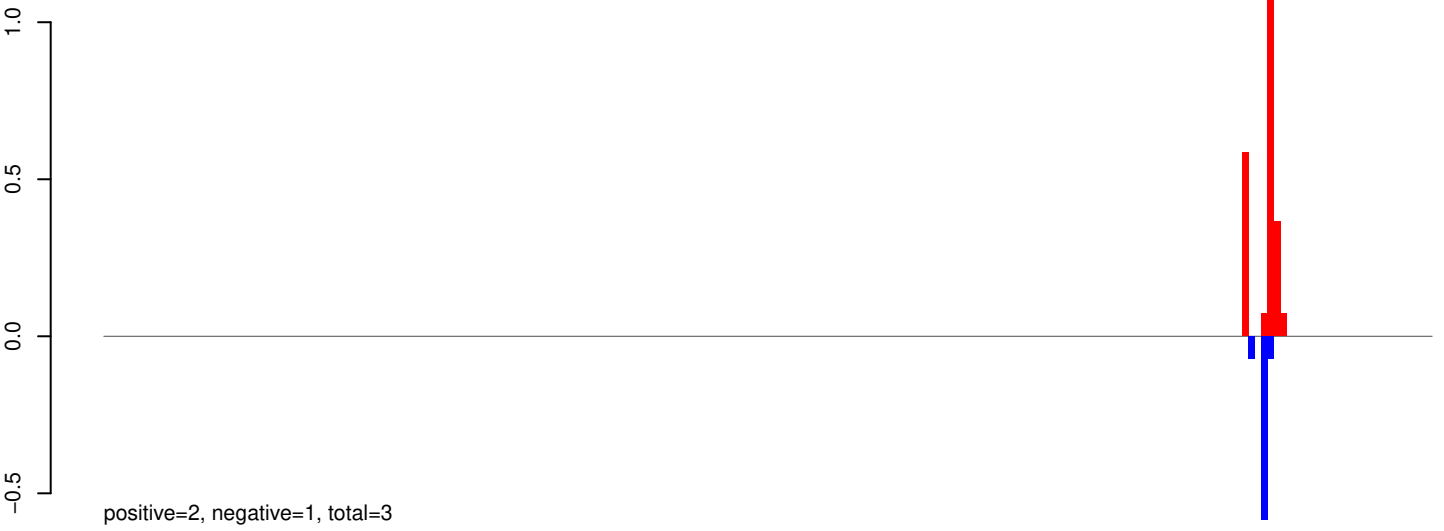
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



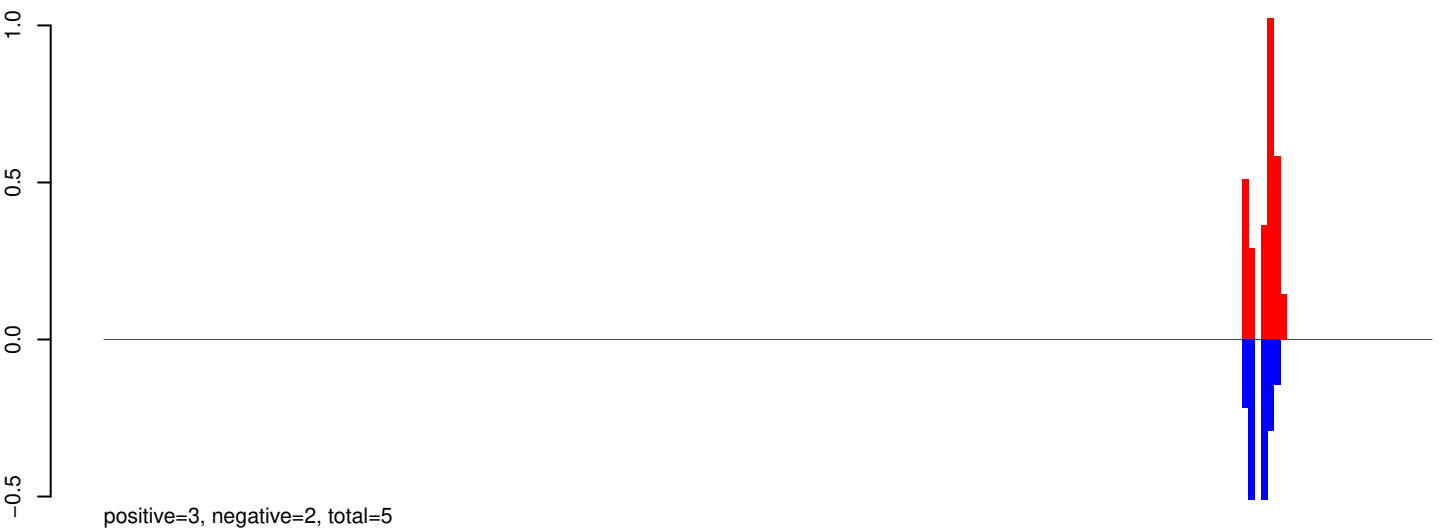
Window size=25, length=2907, TE@TF001086-Ty1\_copia\_Ele205:1-2907

0 500 1000 1500 2000 2500 3000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

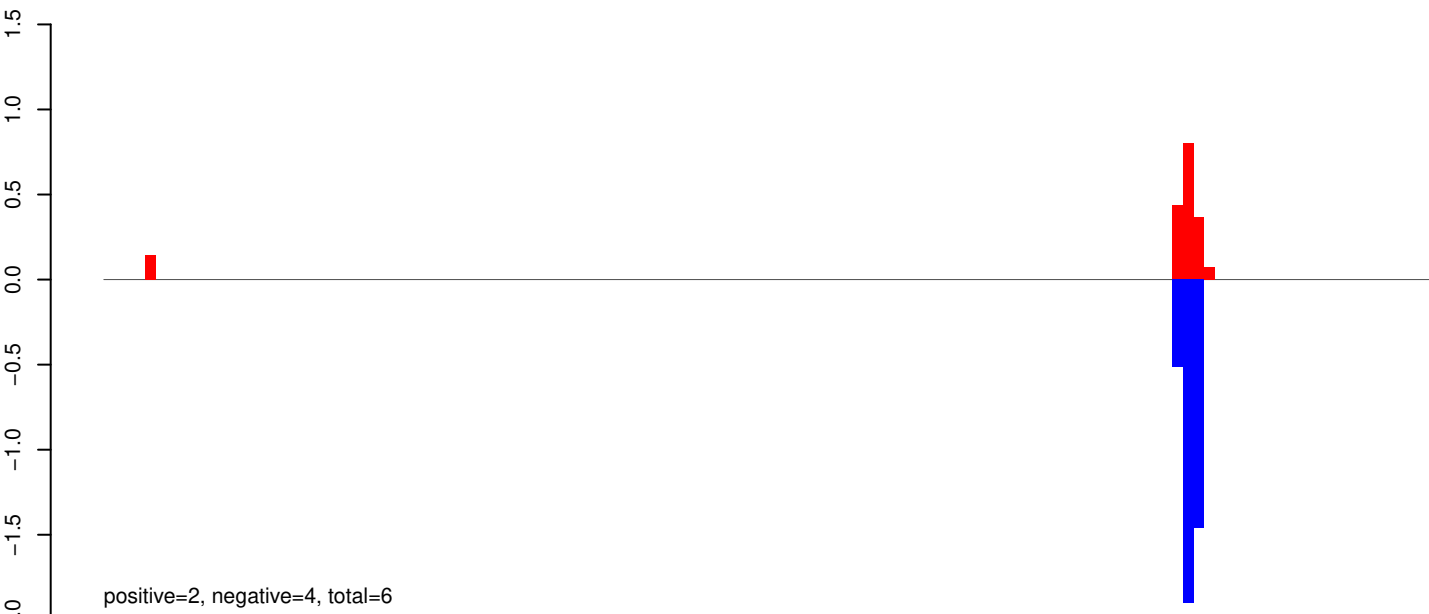


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

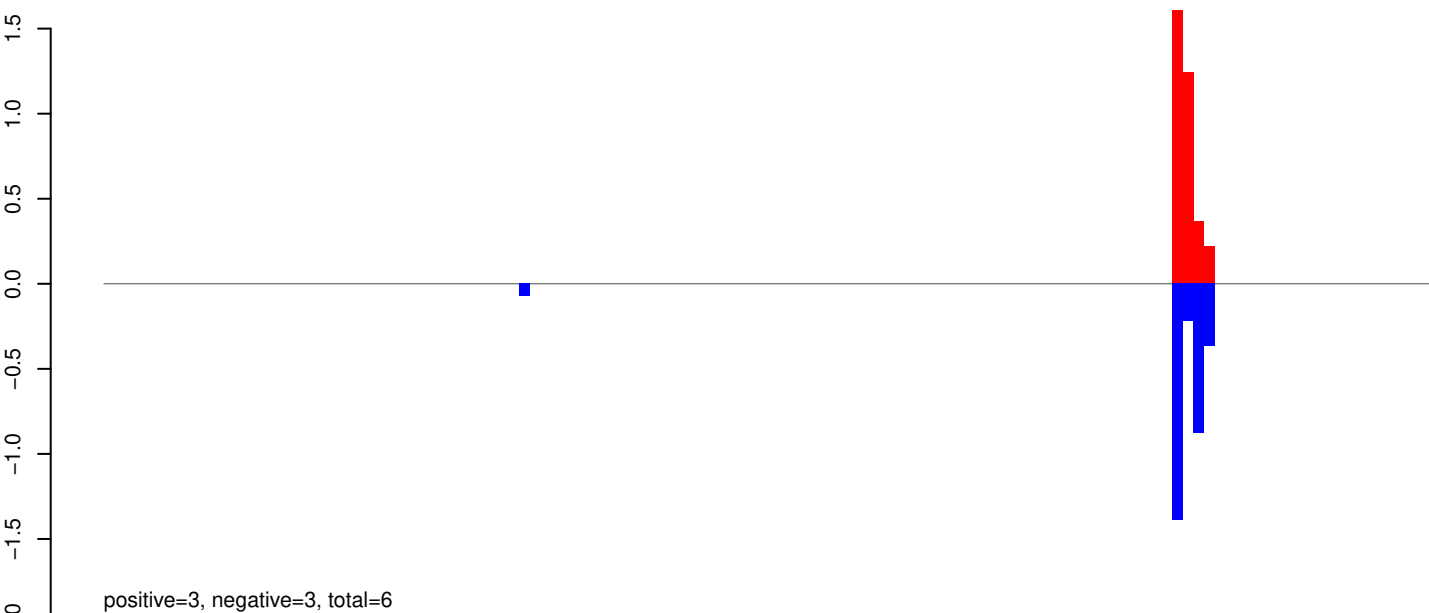


0 1000 2000 3000 4000 5000

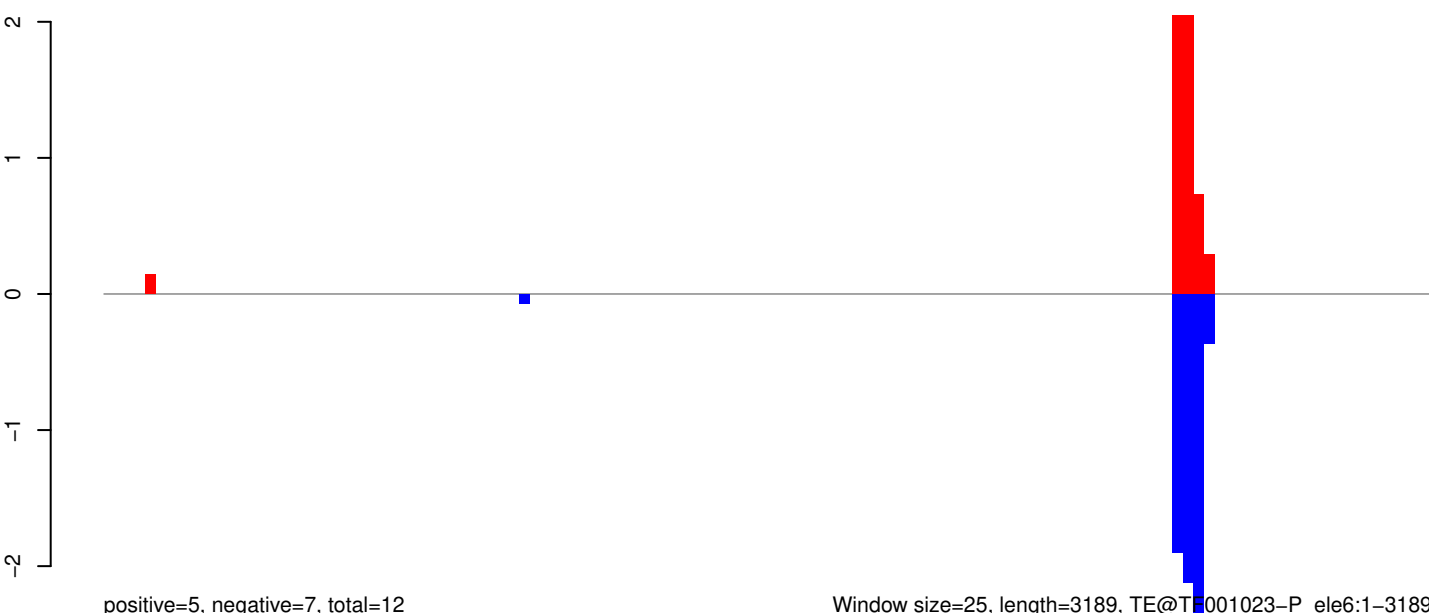
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

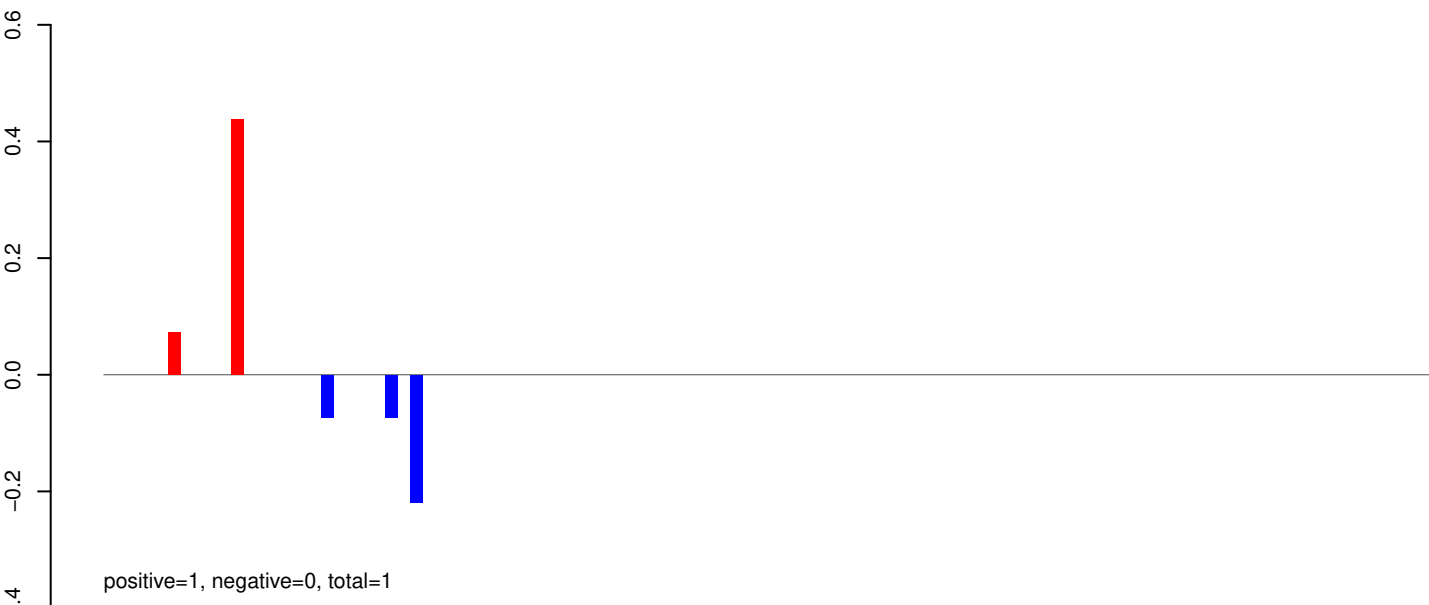


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

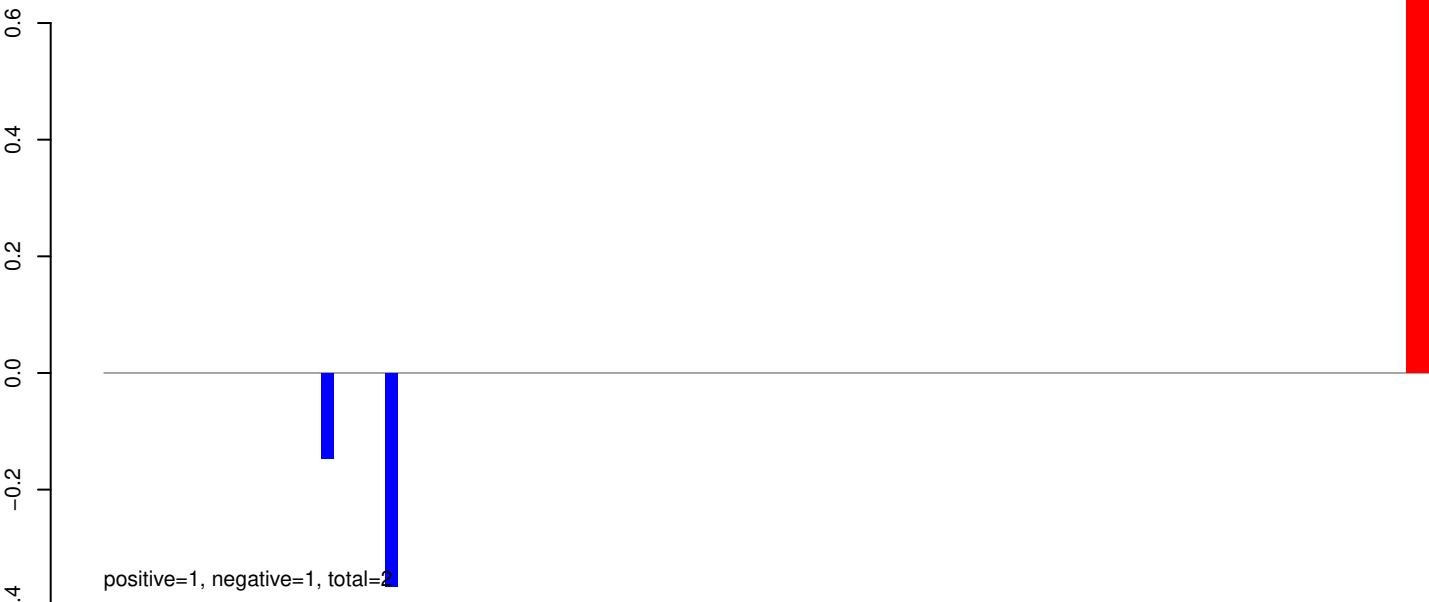




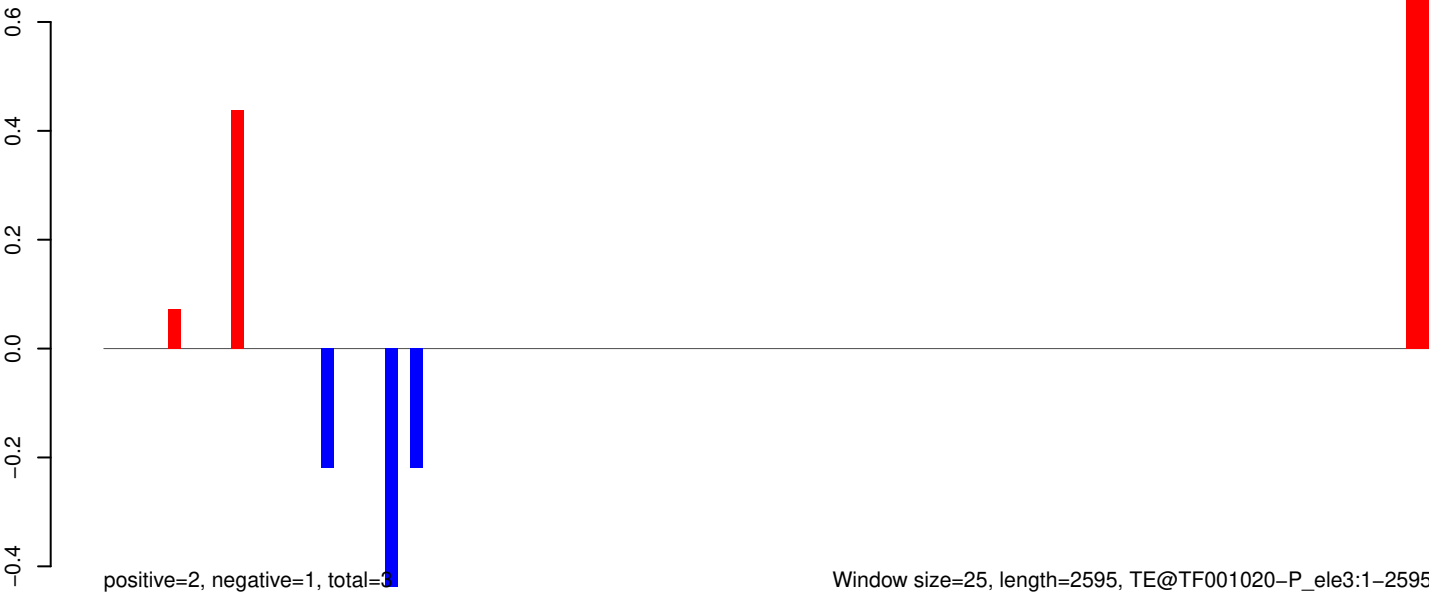
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



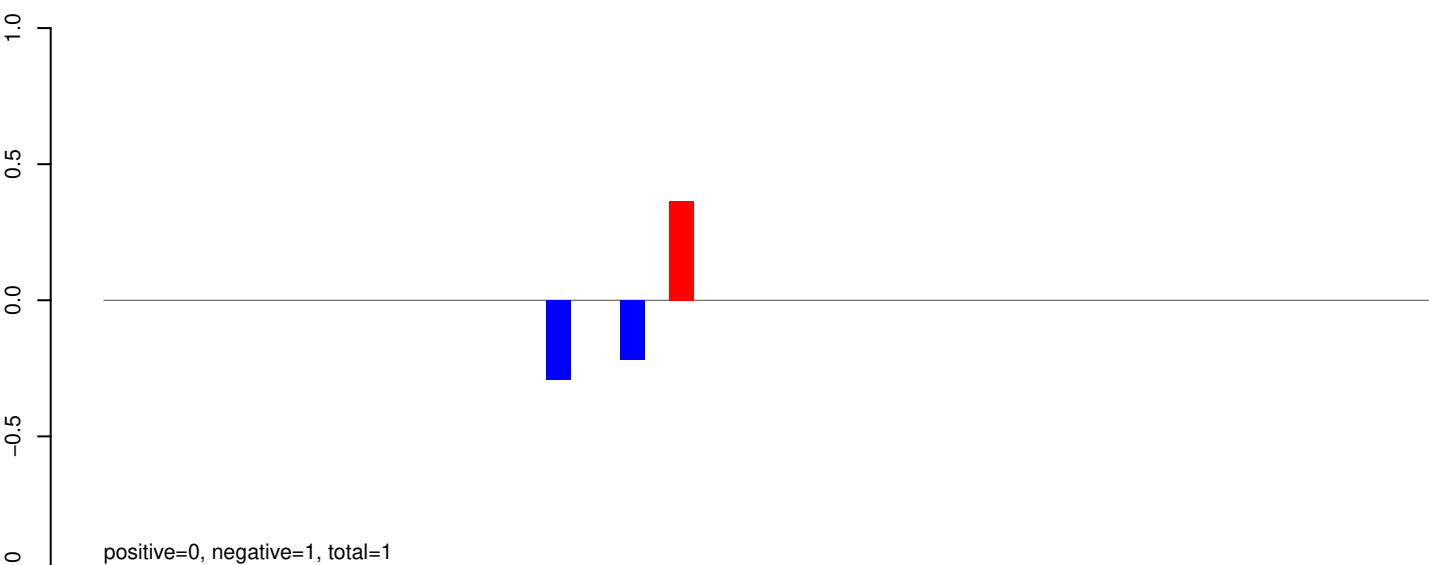
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



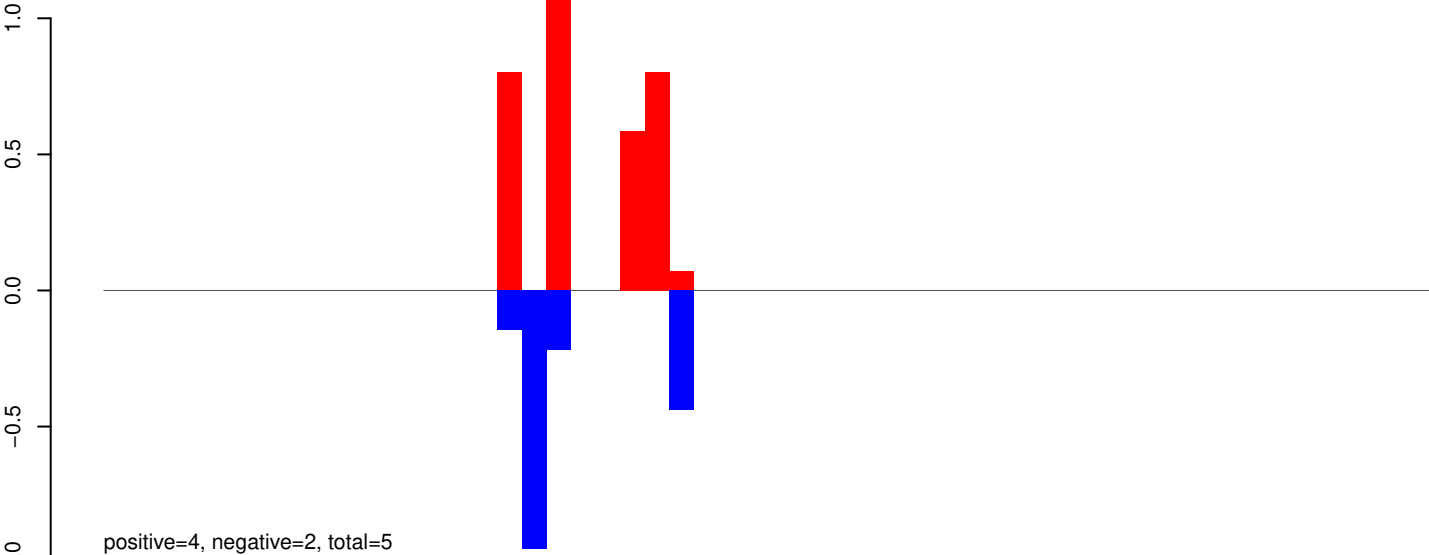
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



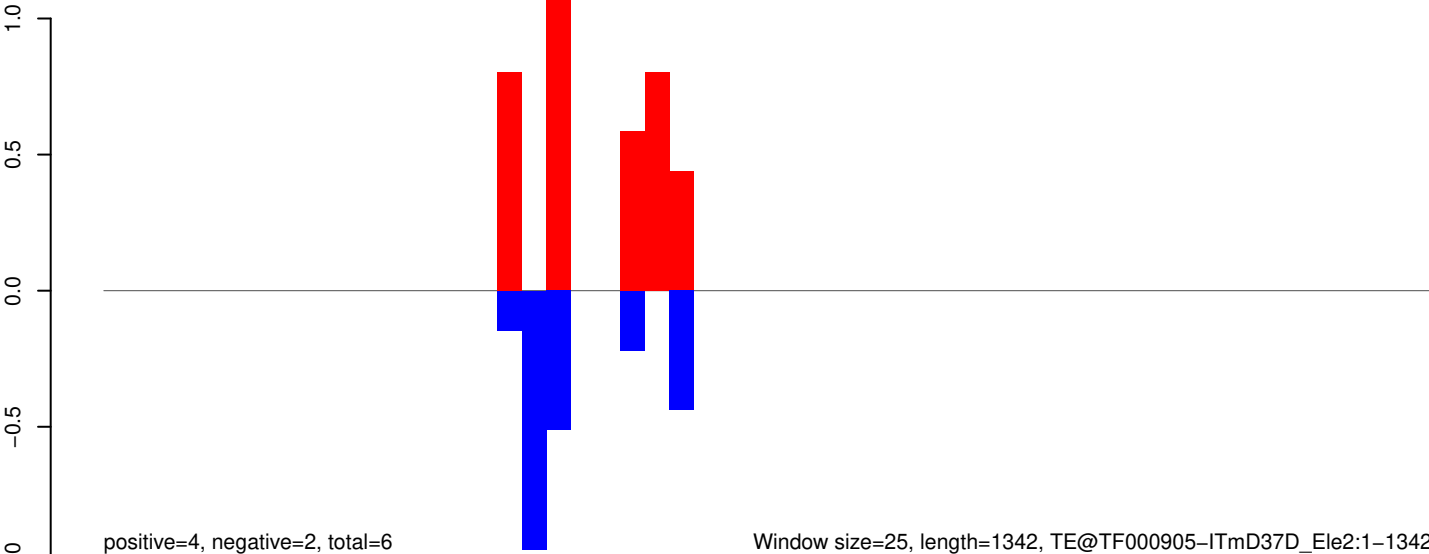
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



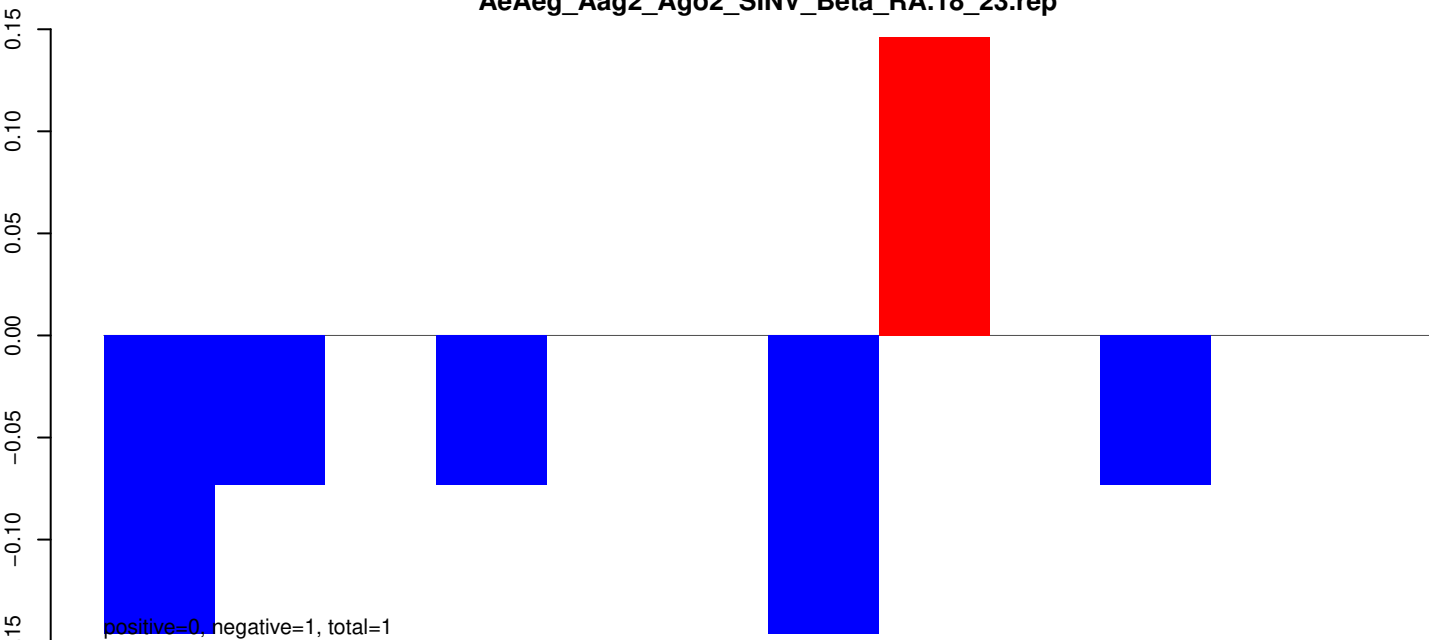
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



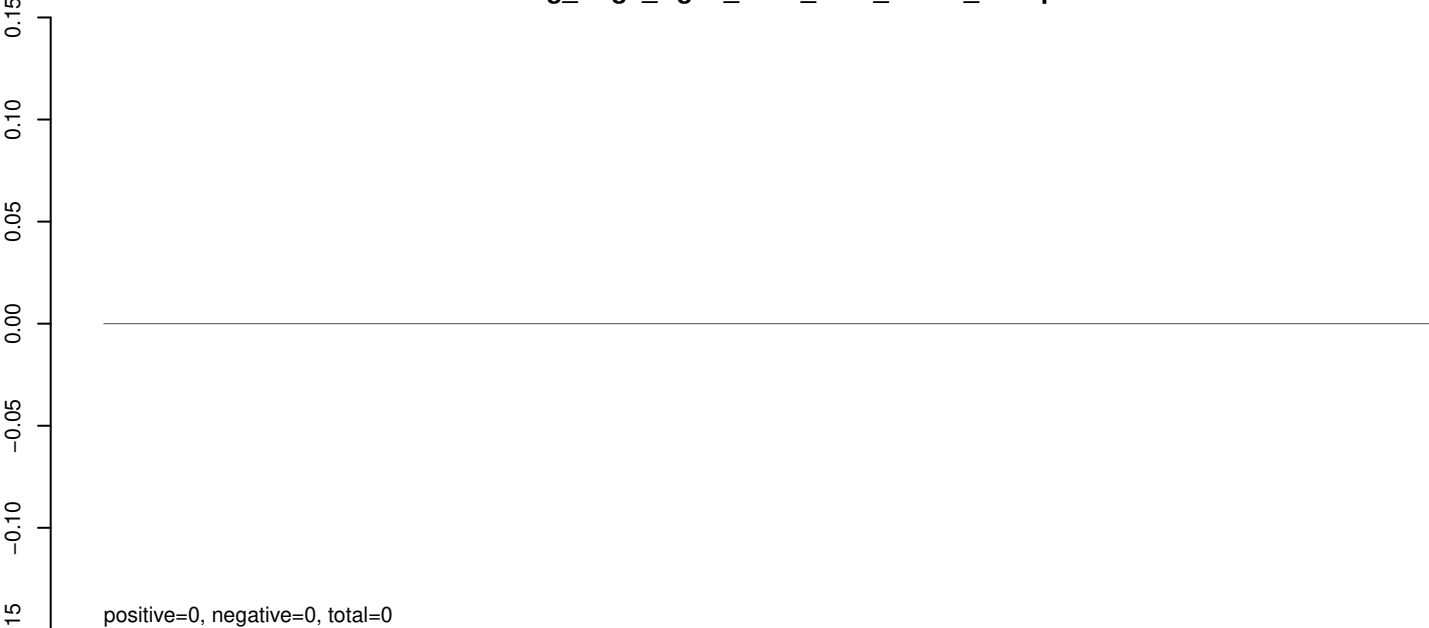
Window size=25, length=1342, TE@TF000905-ITmD37D\_Ele2:1-1342

0 200 400 600 800 1000 1200 1400

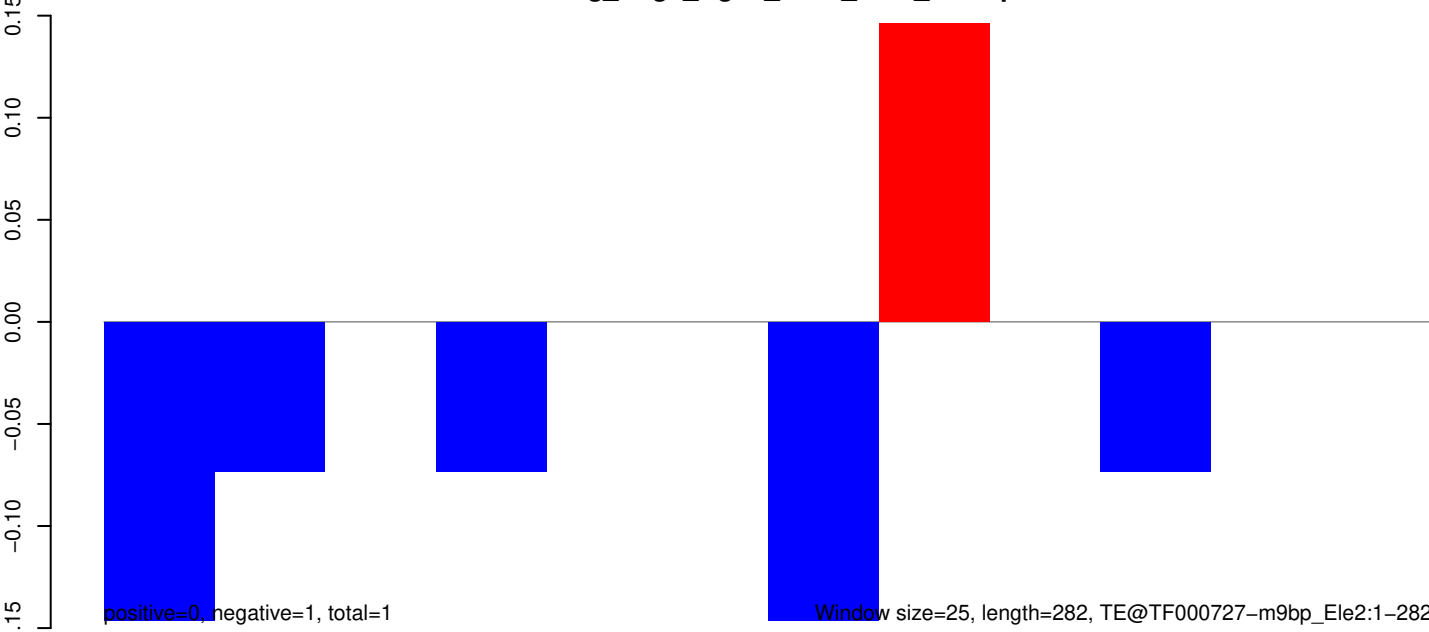
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

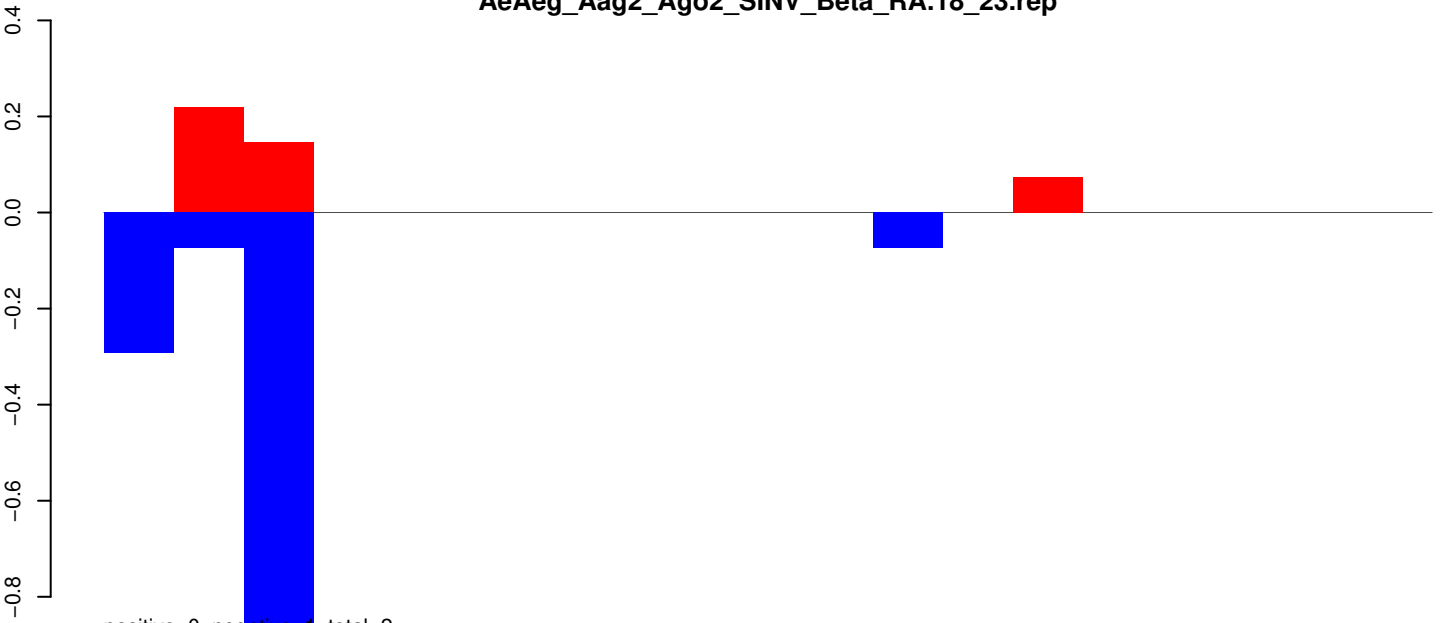


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



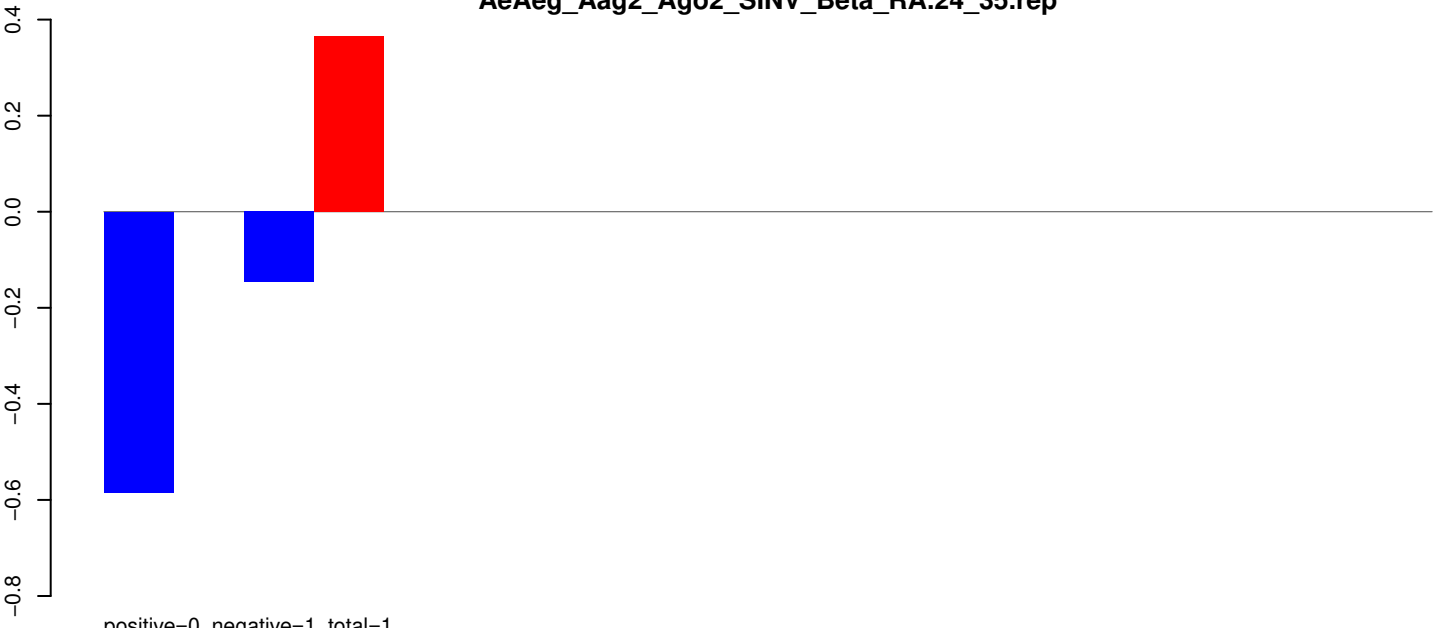
Window size=25, length=282, TE@TF000727-m9bp\_Ele2:1-282

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



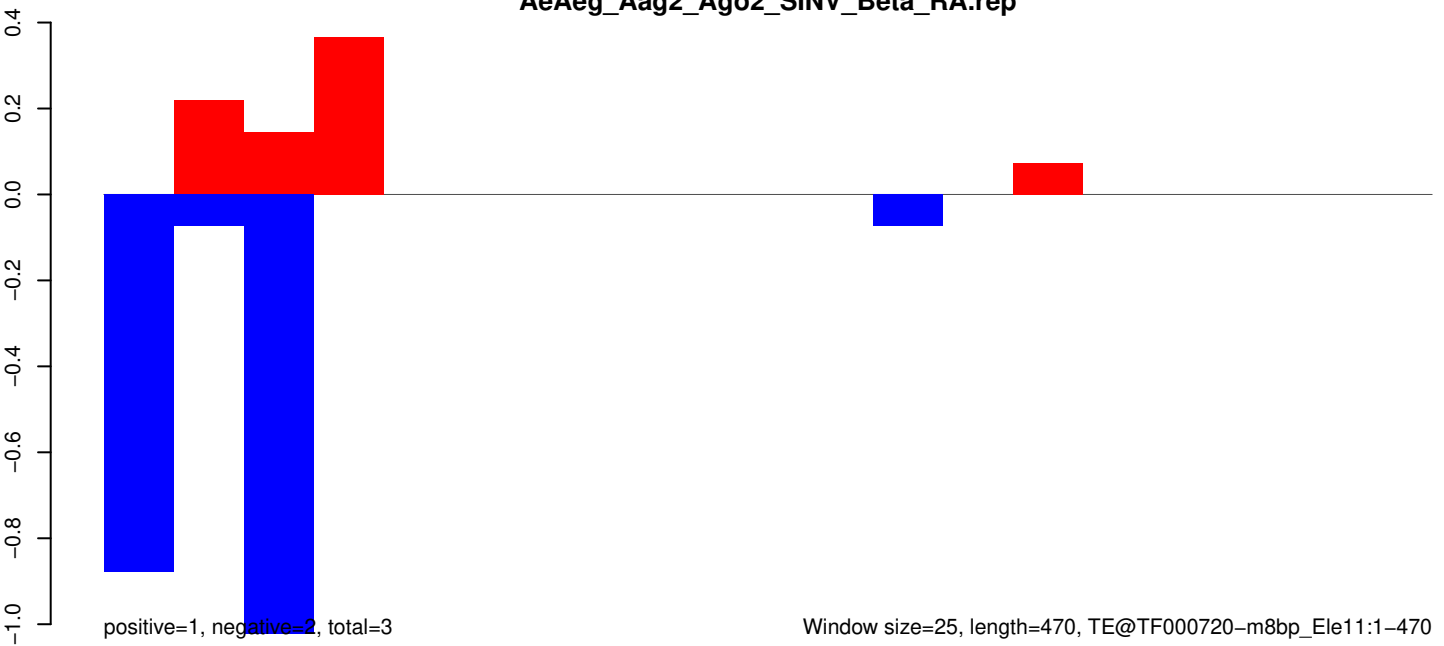
positive=0, negative=1, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=1

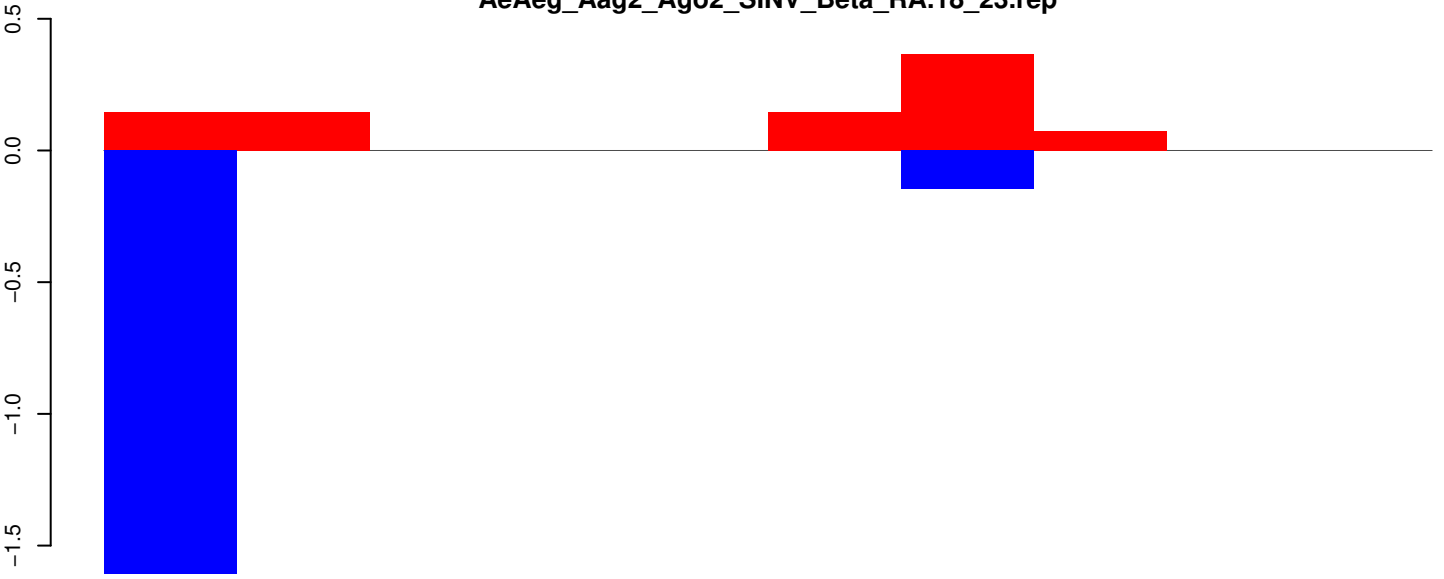
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=1, negative=2, total=3

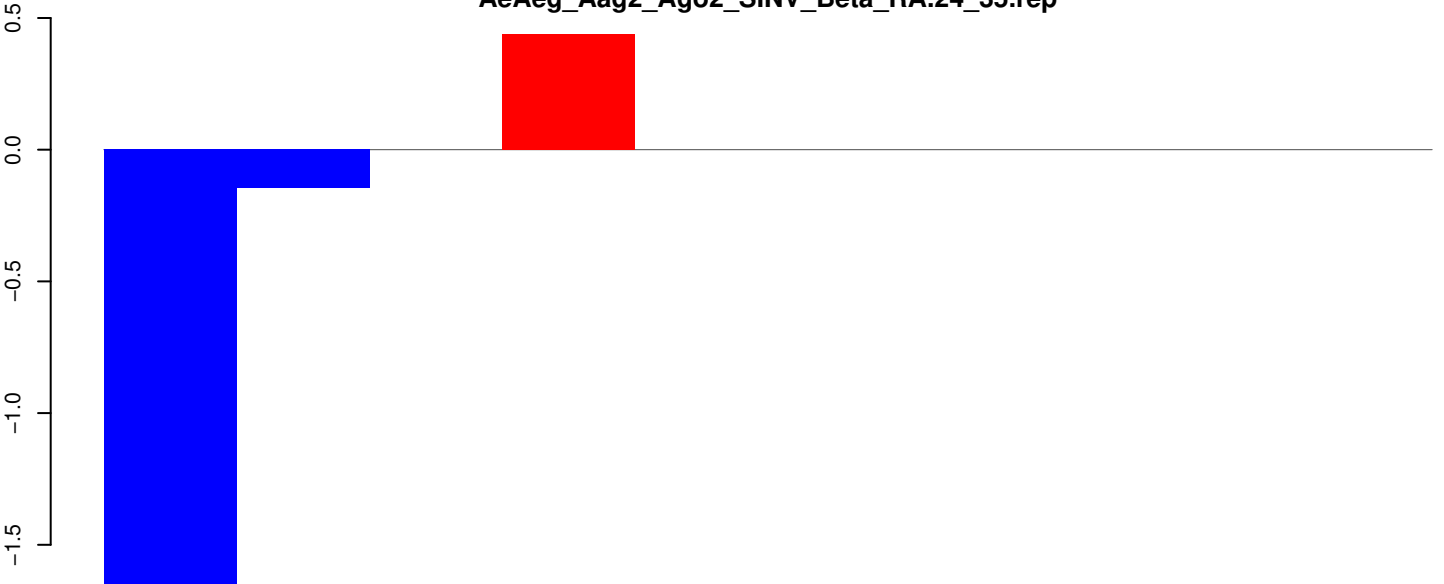
Window size=25, length=470, TE@TF000720-m8bp\_Ele11:1-470

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



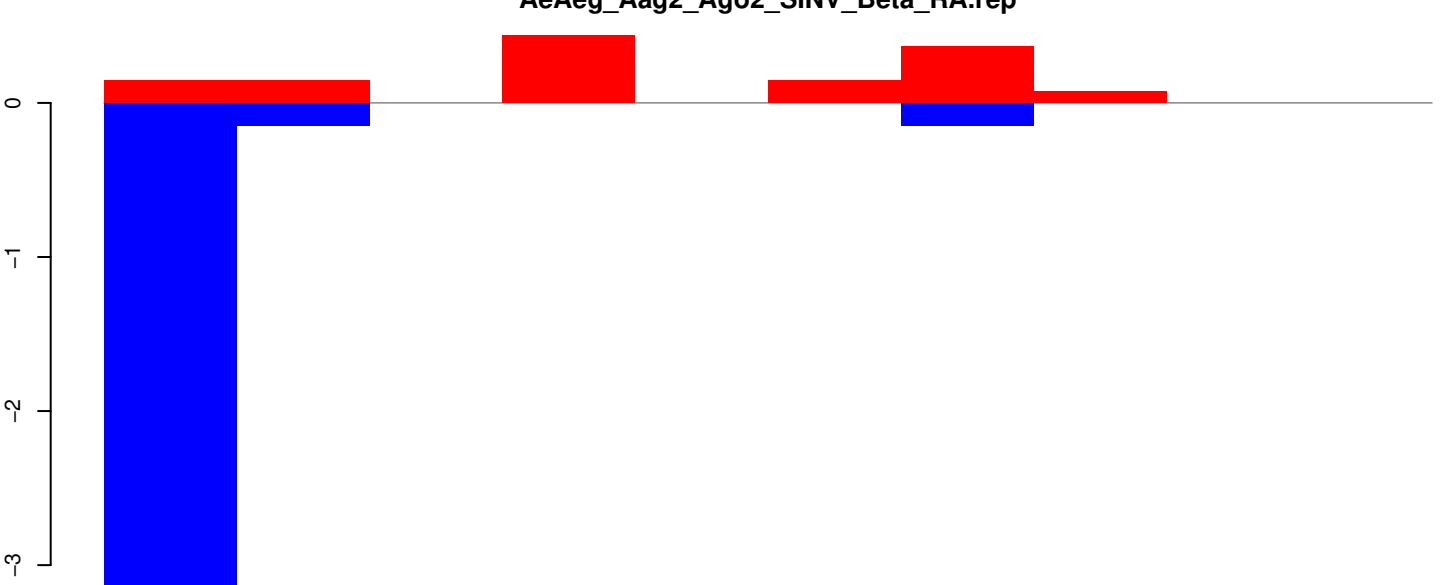
positive=1, negative=2, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=2, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

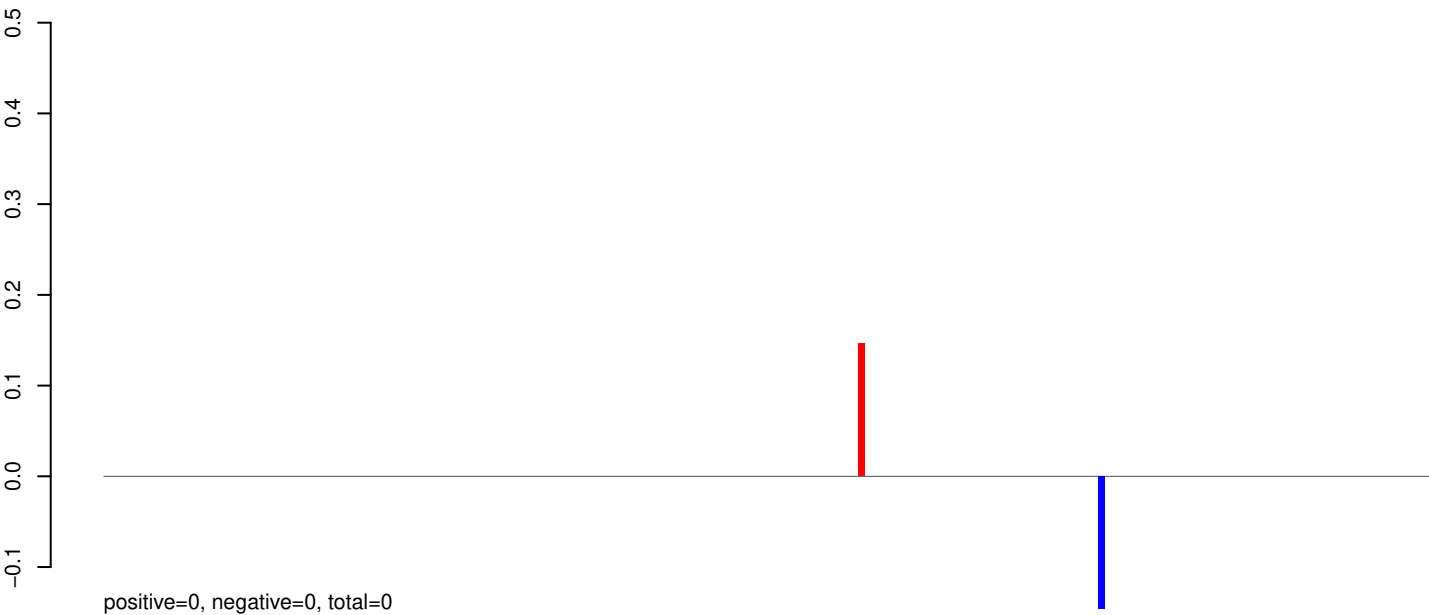


positive=1, negative=4, total=5

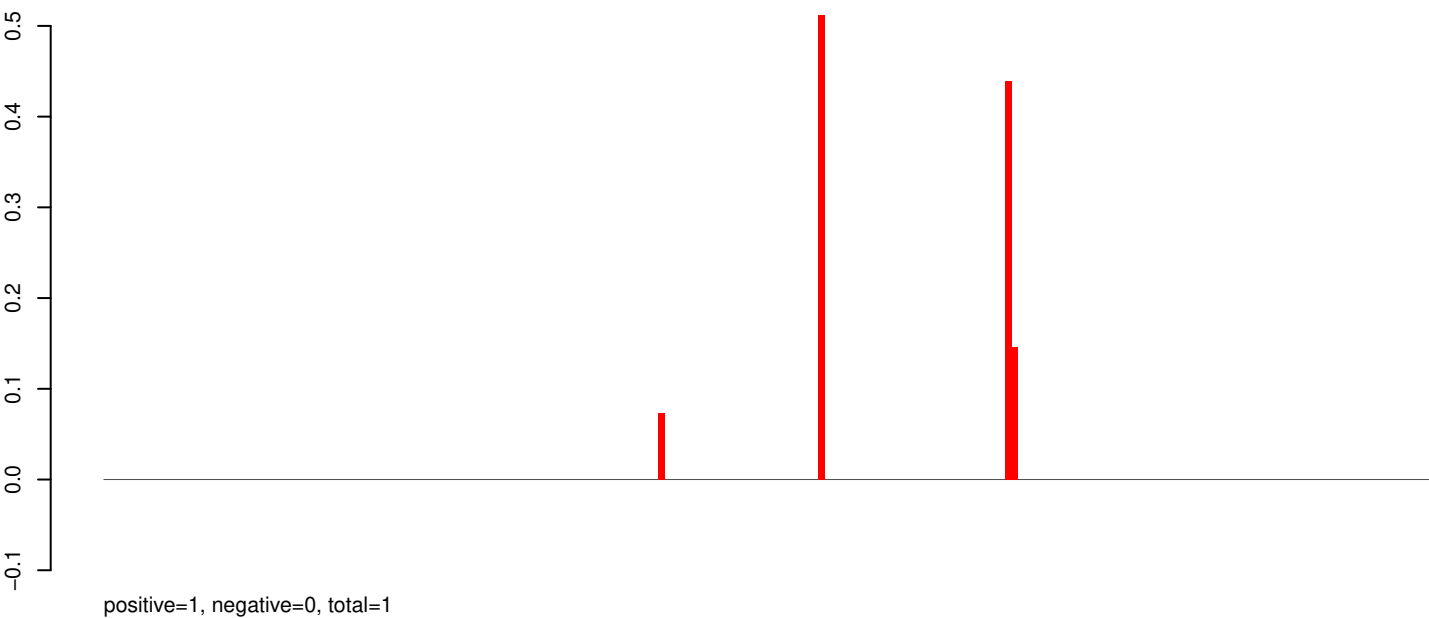
Window size=25, length=232, TE@TF000692-m4bp\_Ele10:1-232

50 100 150 200 250

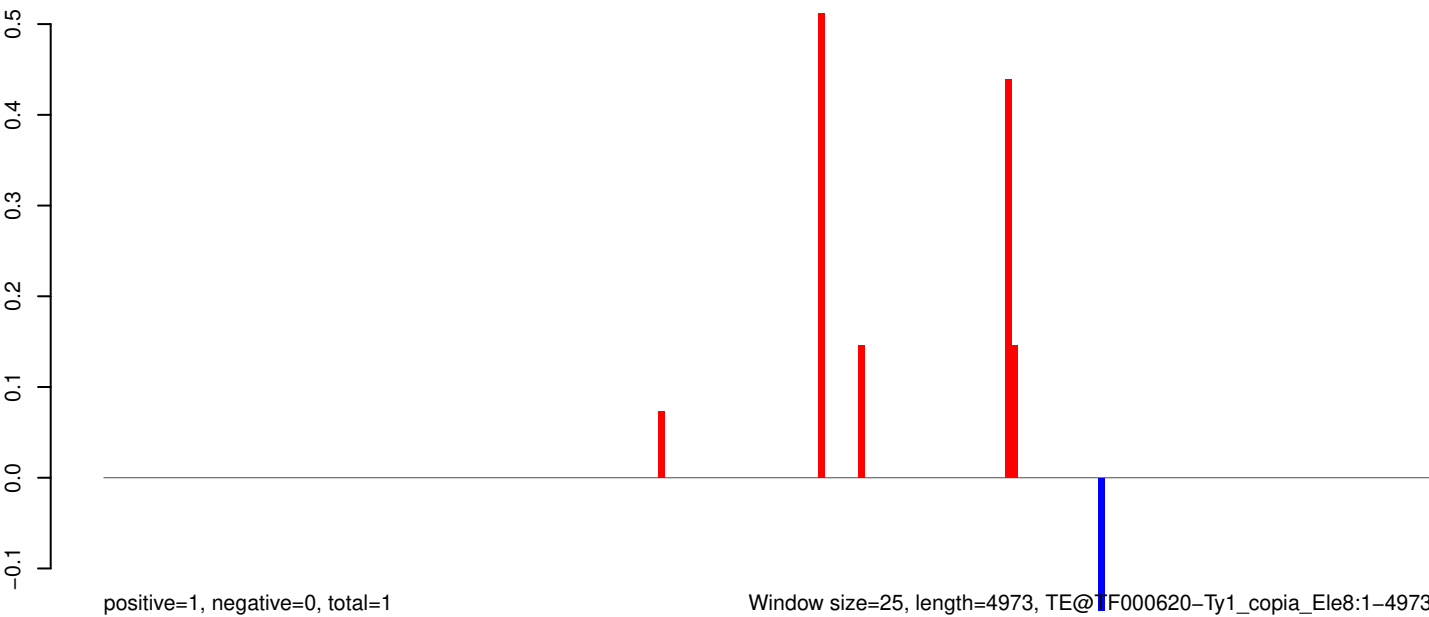
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



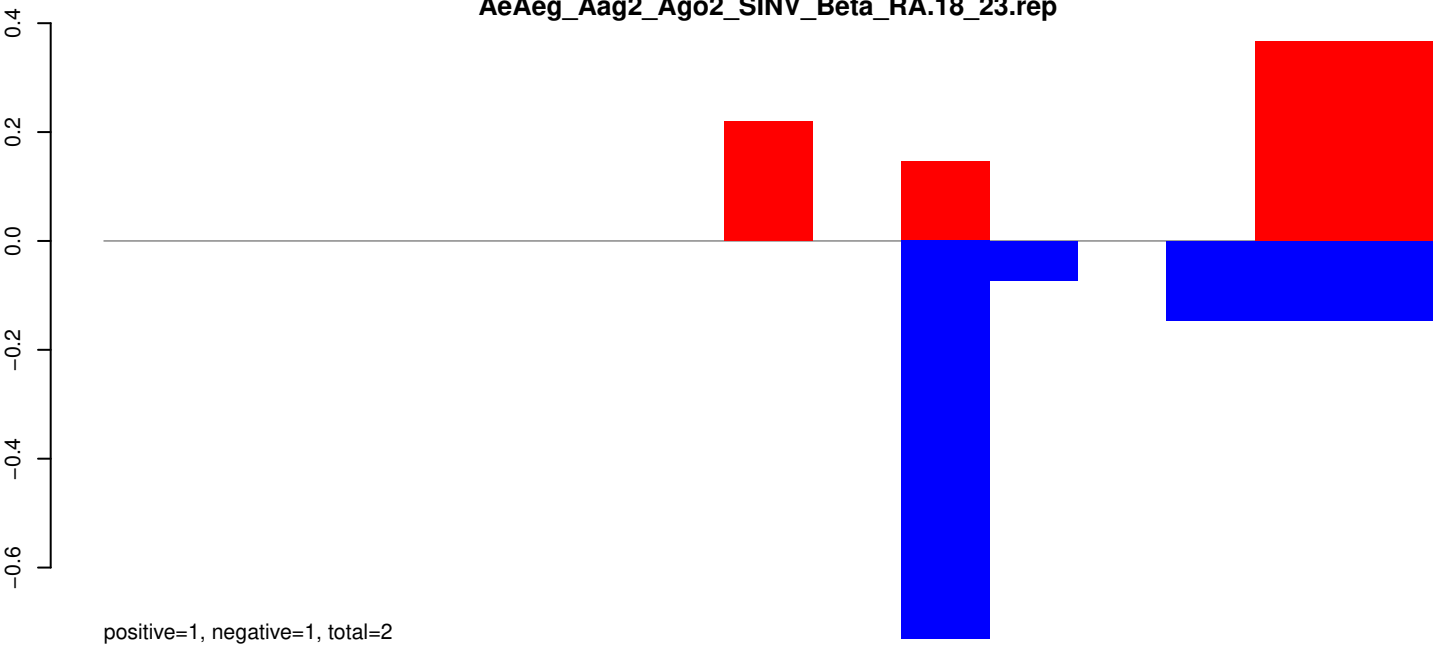
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



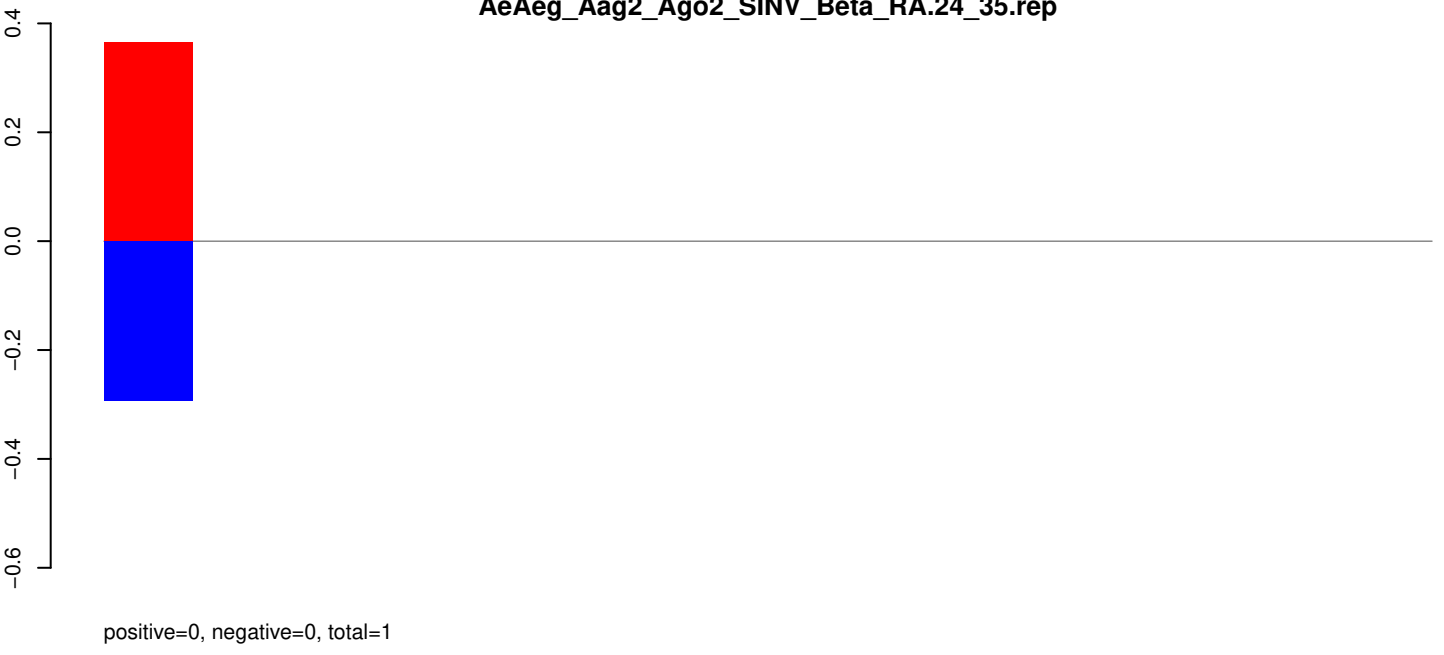
Window size=25, length=4973, TE@TF000620-Ty1\_copia\_Ele8:1-4973

0 1000 2000 3000 4000 5000

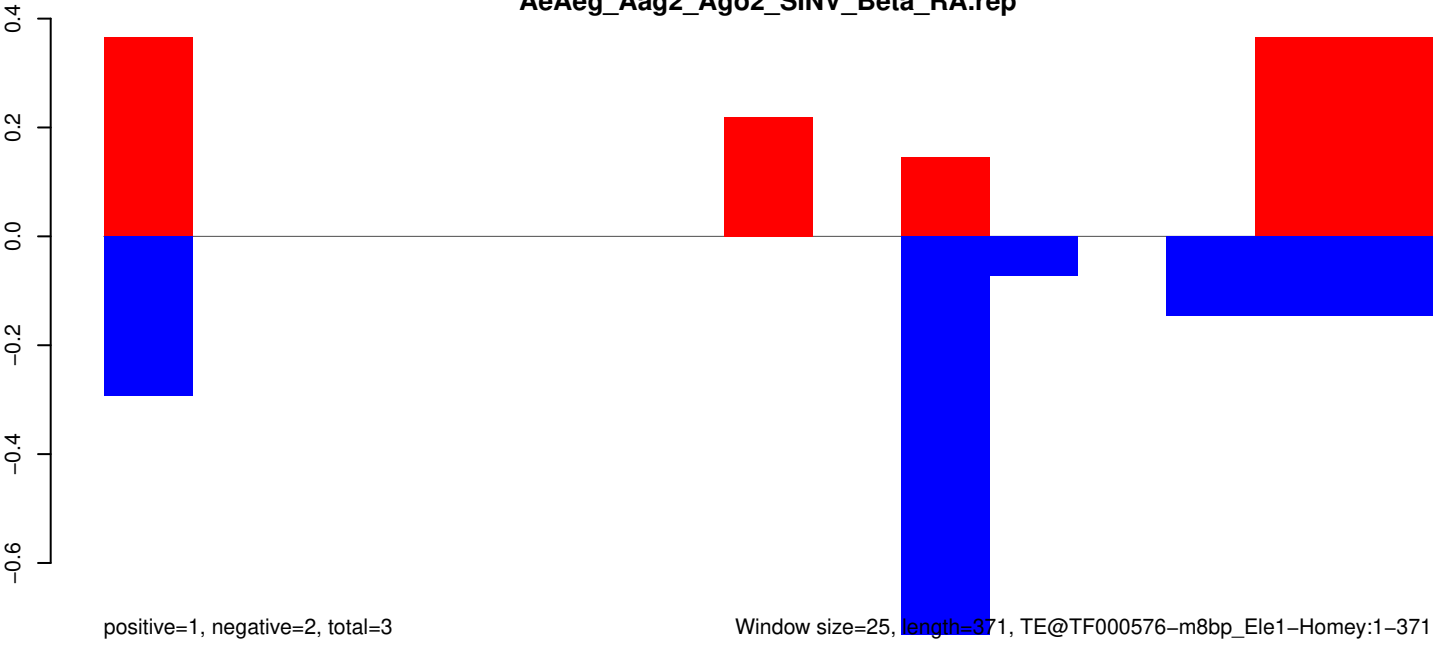
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



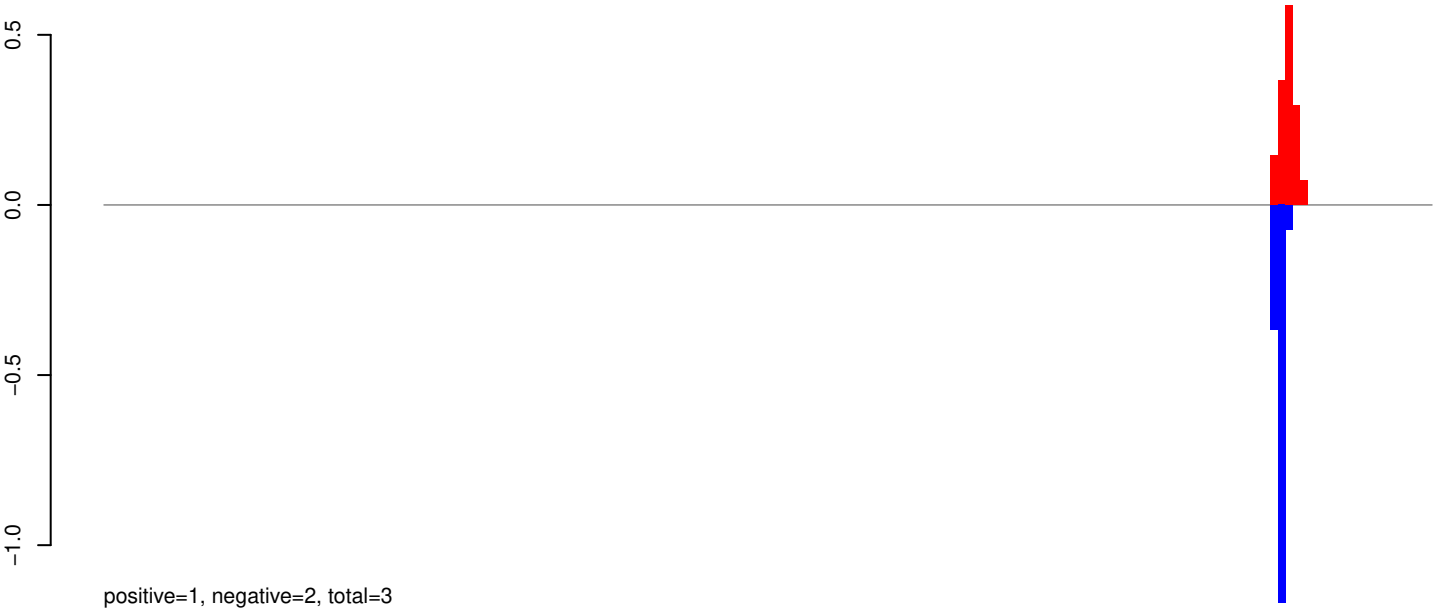
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



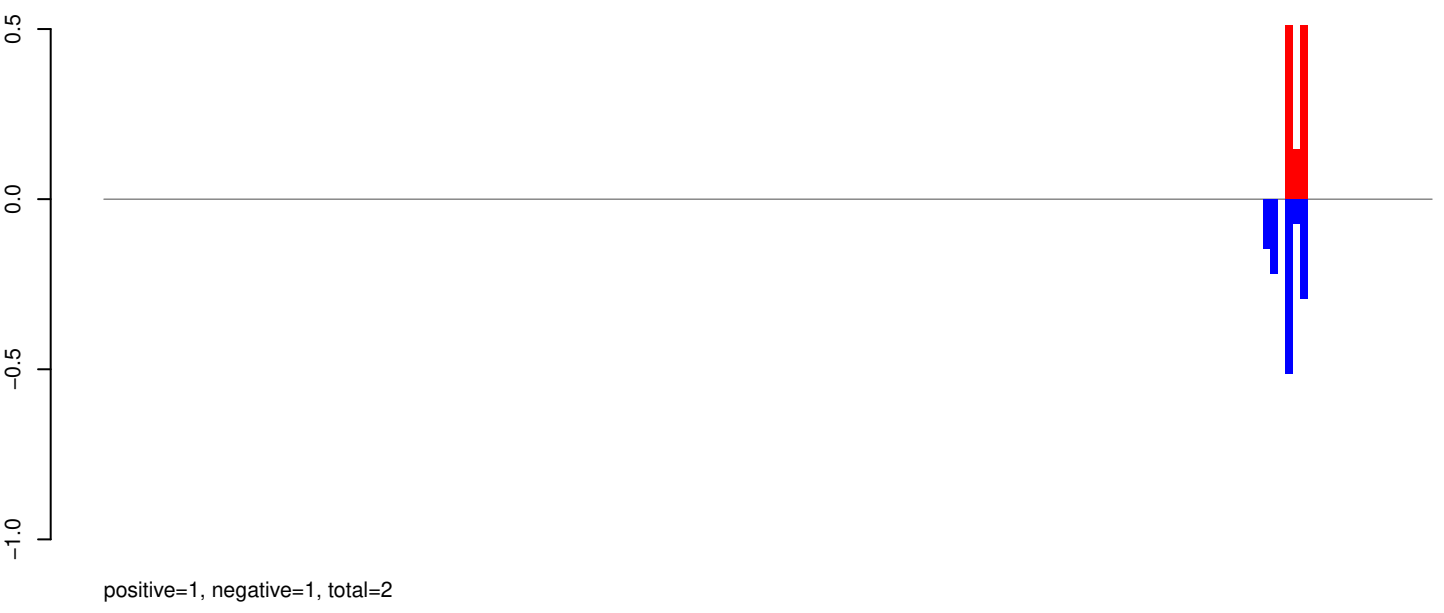
Window size=25, length=371, TE@TF000576-m8bp\_Ele1-Homey:1-371

100 200 300 400

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=4519, TE@TF000390-Ty3\_gypsy\_Ele109:1-4519

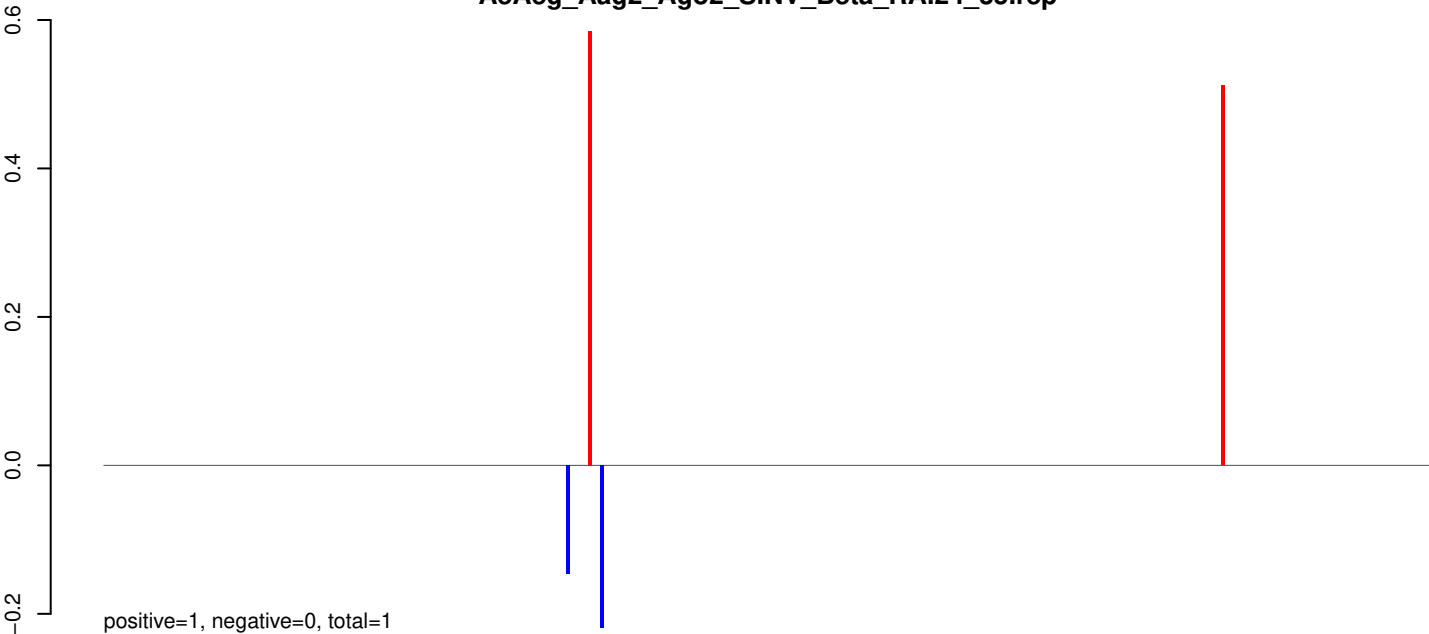
0 1000 2000 3000 4000



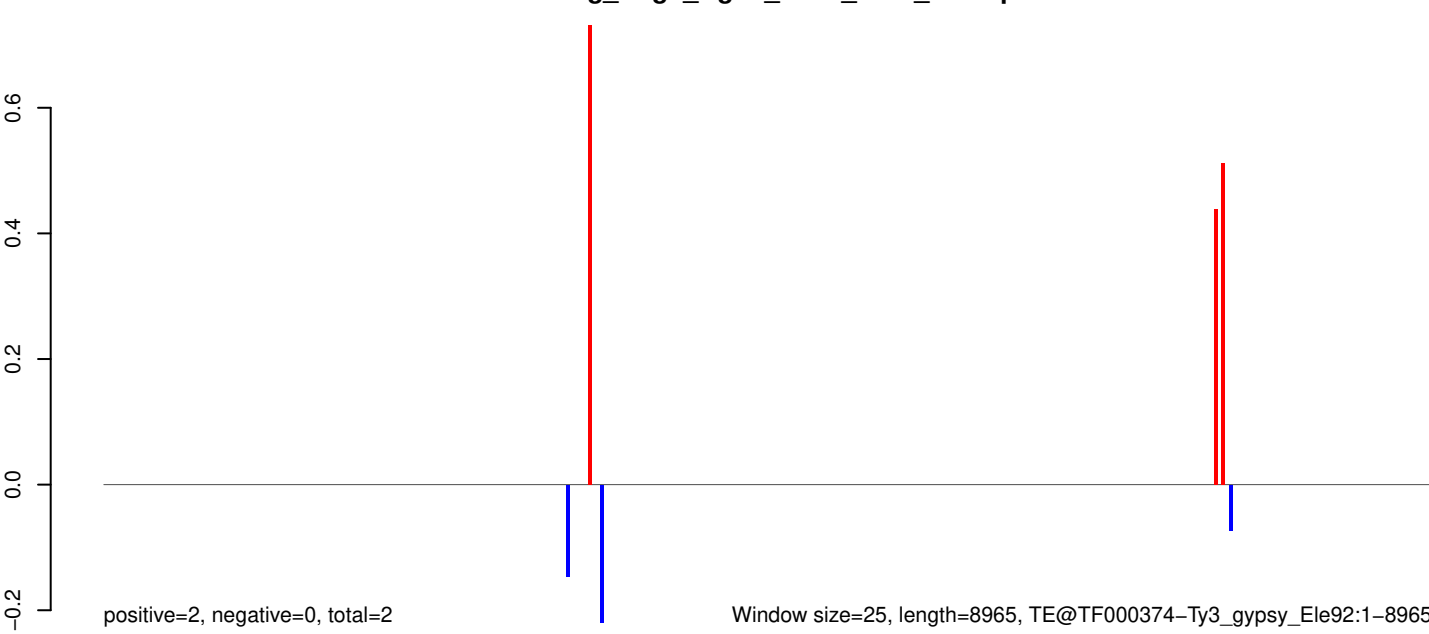
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



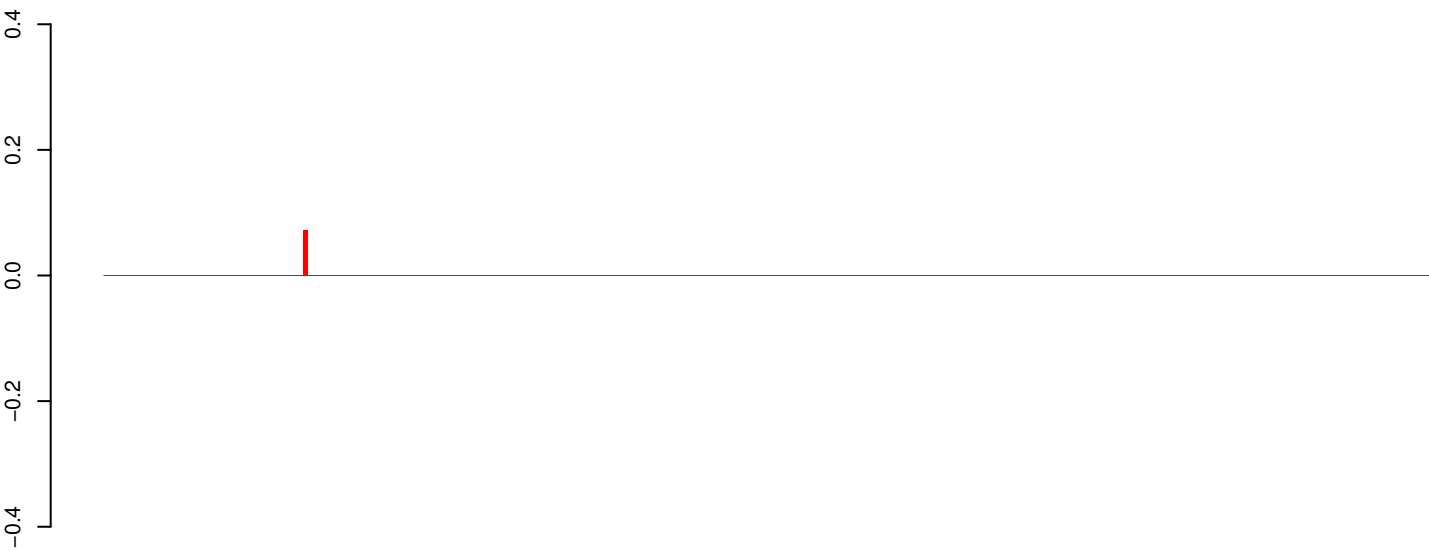
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

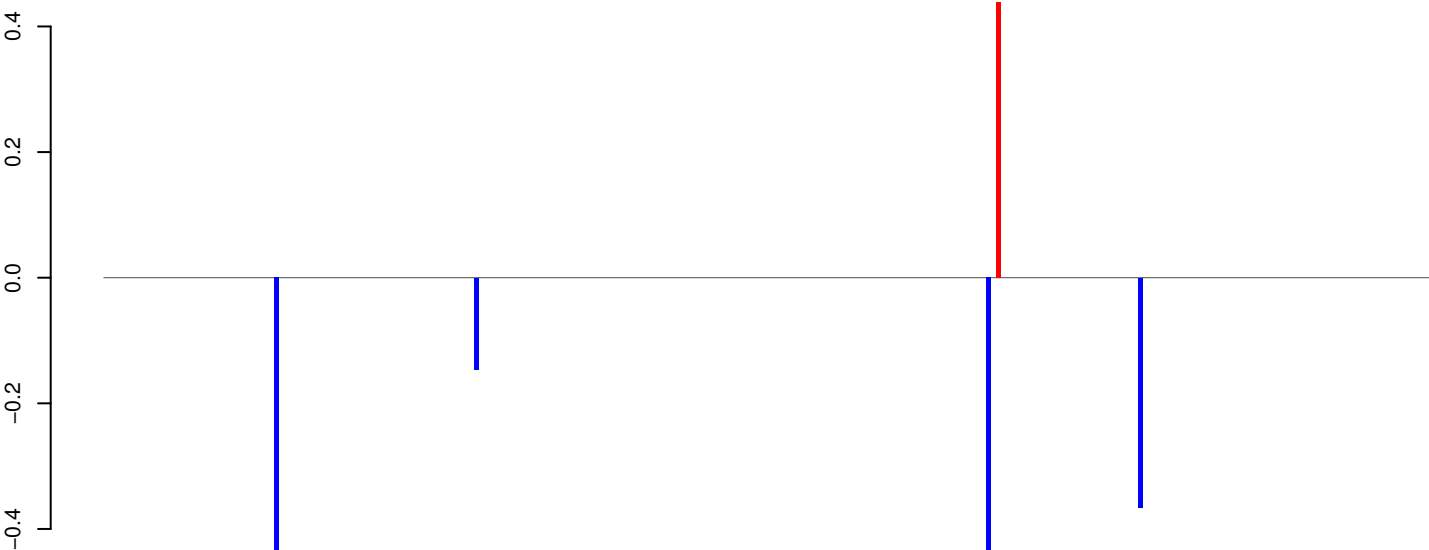


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



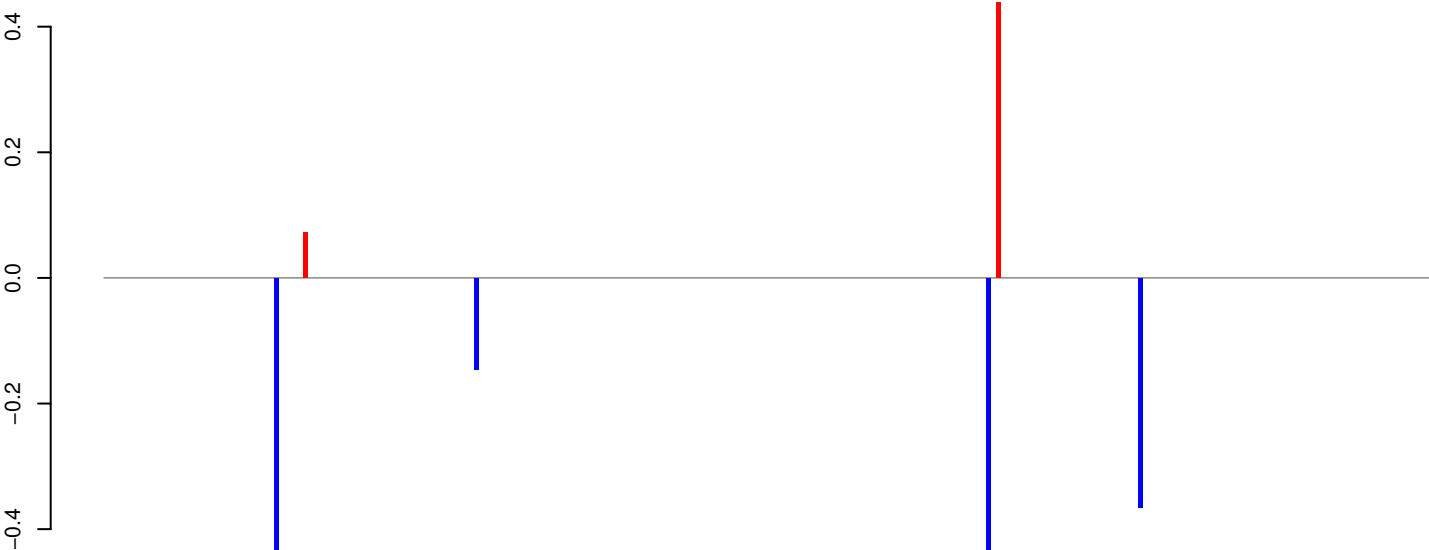
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



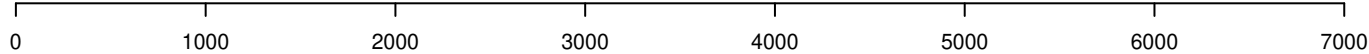
positive=0, negative=1, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

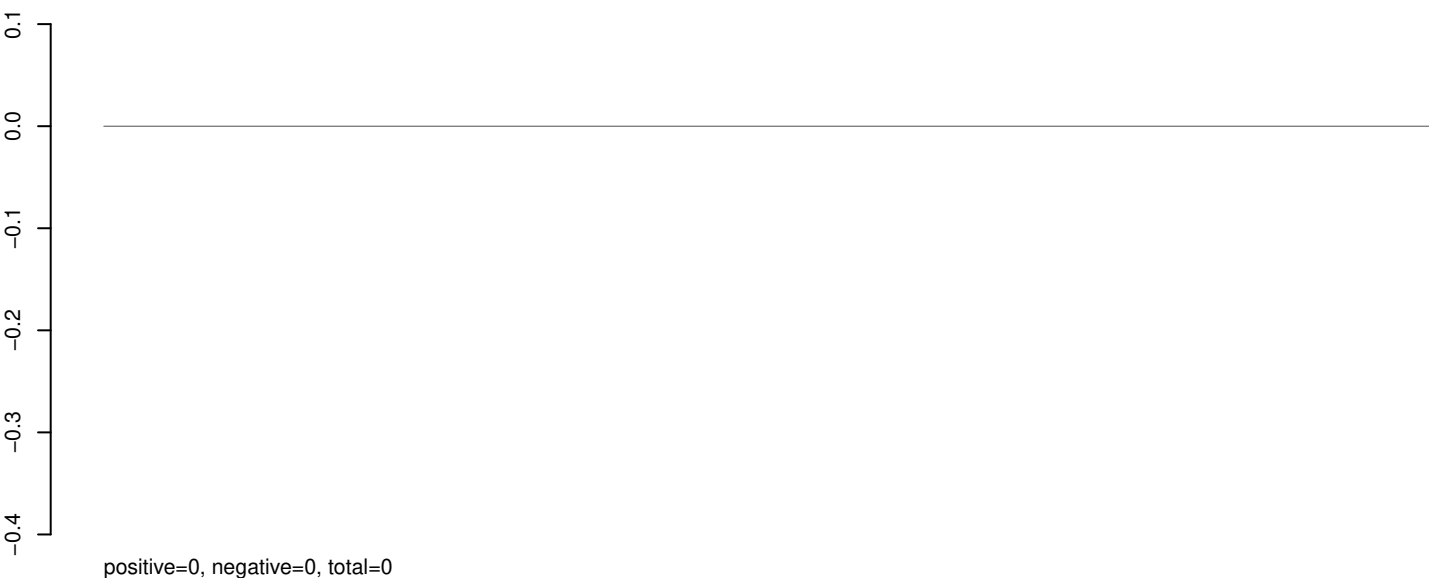


positive=1, negative=1, total=2

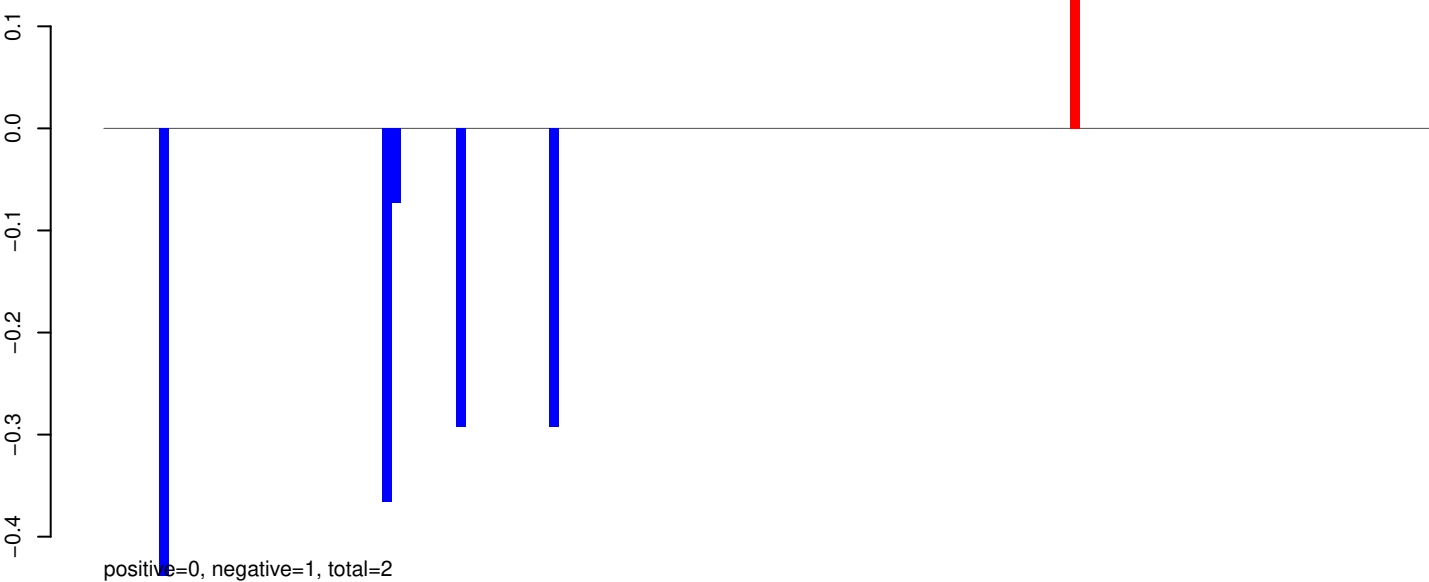
Window size=25, length=6978, TE@TF000366-Ty3\_gypsy\_Ele81:1-6978



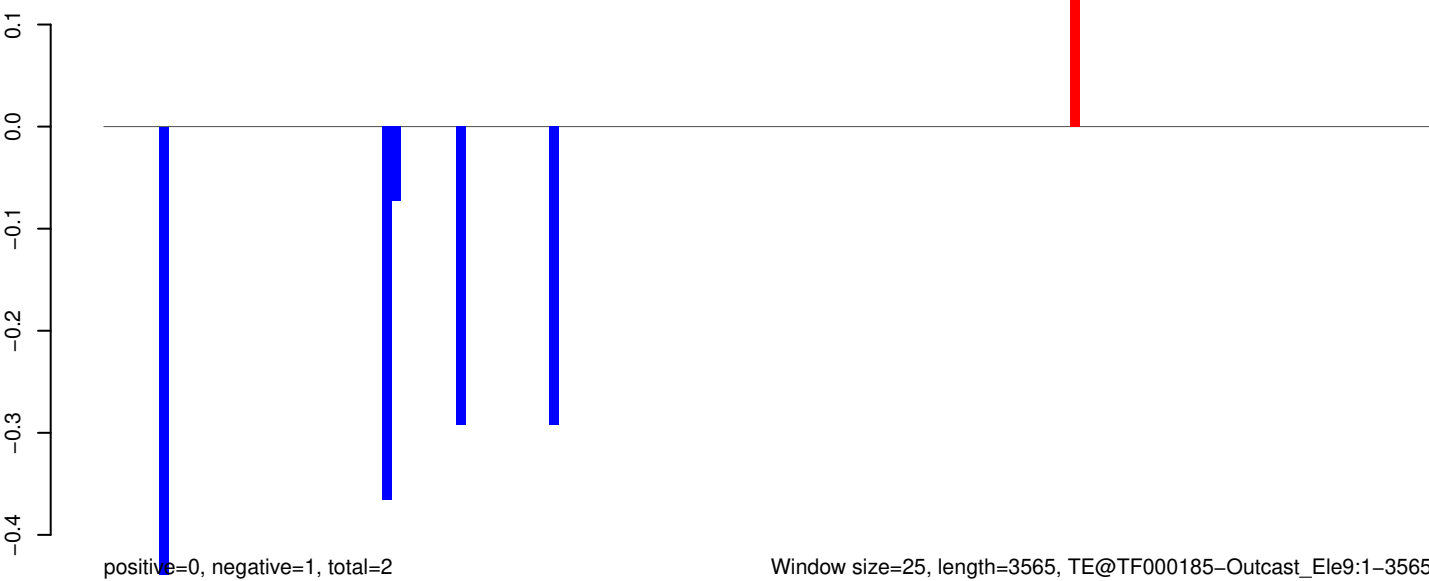
### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



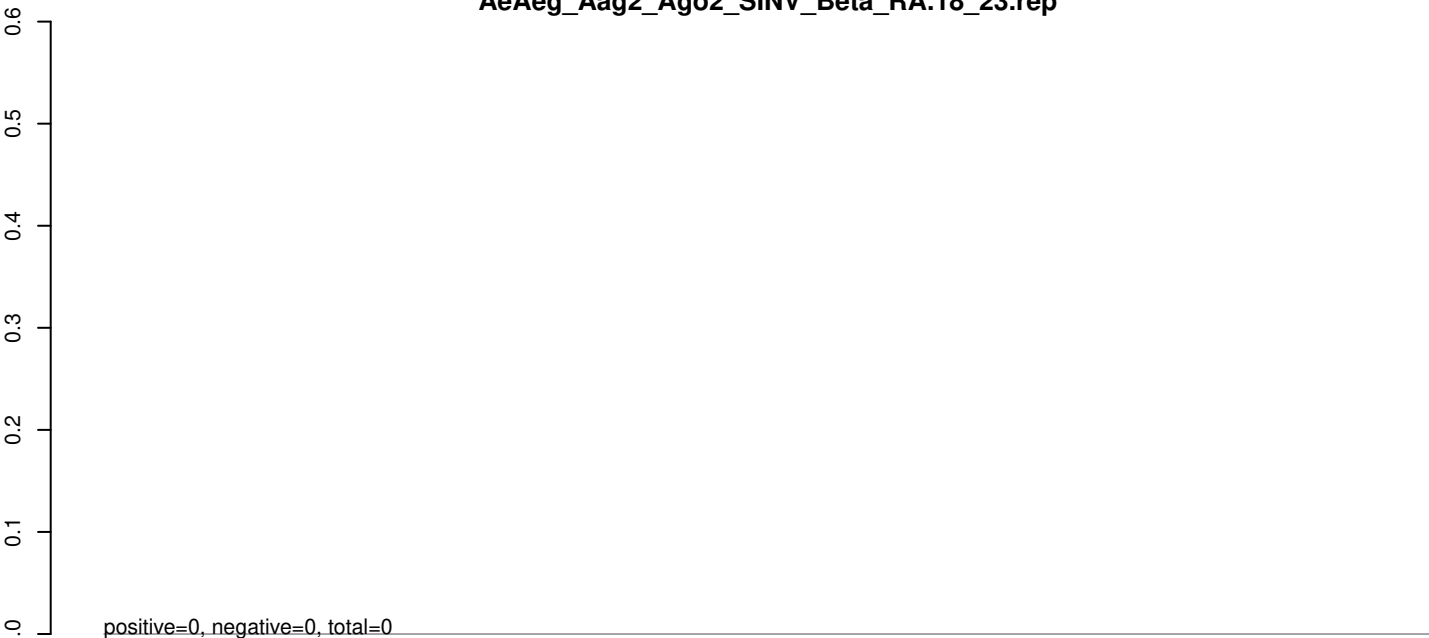
### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



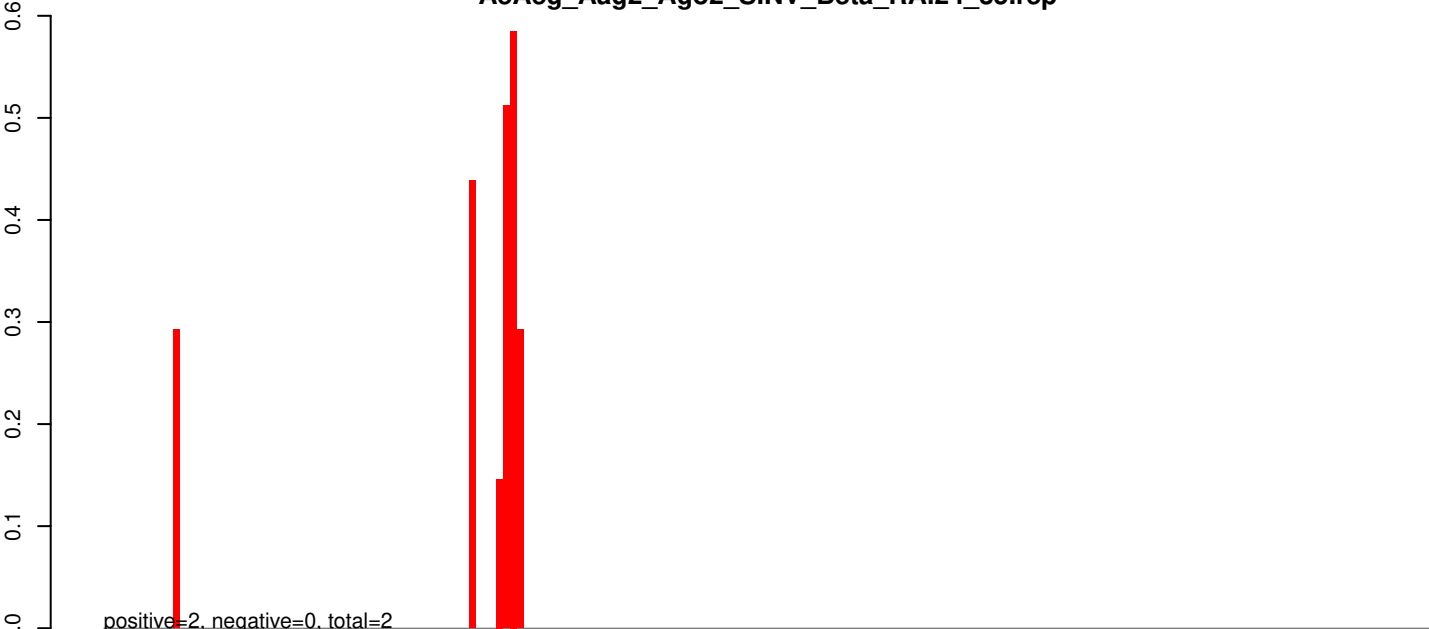
### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



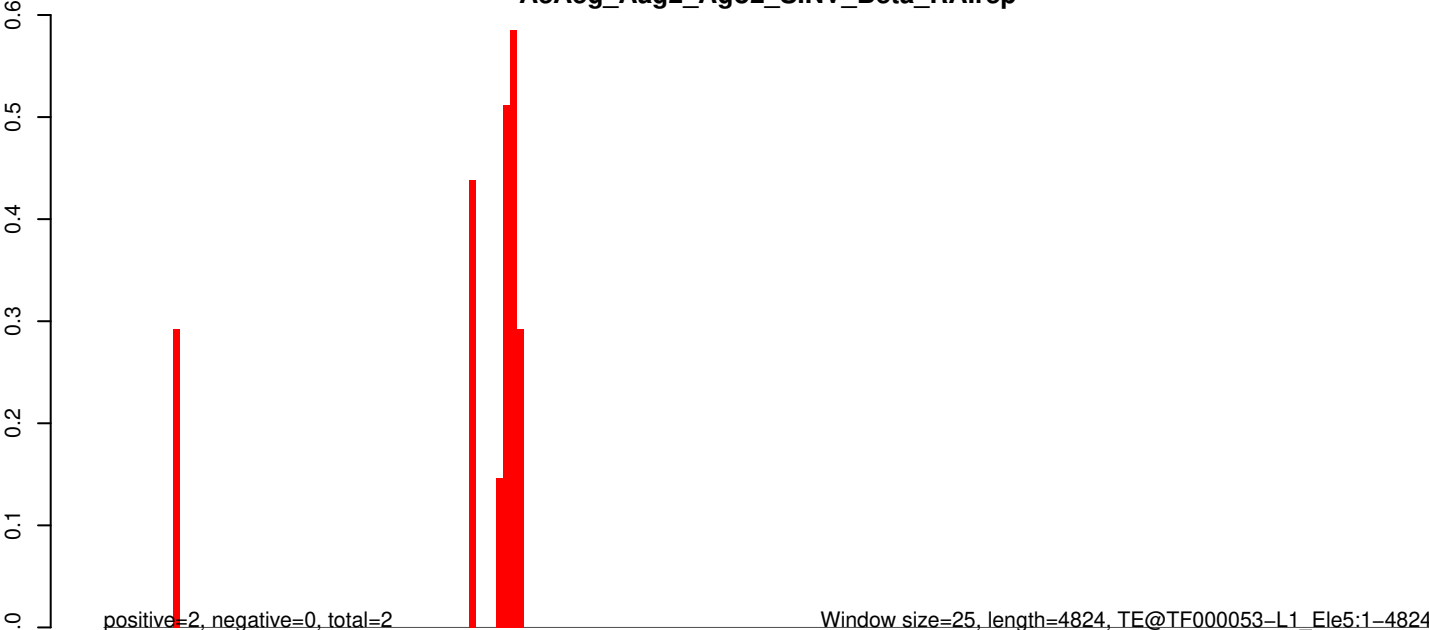
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



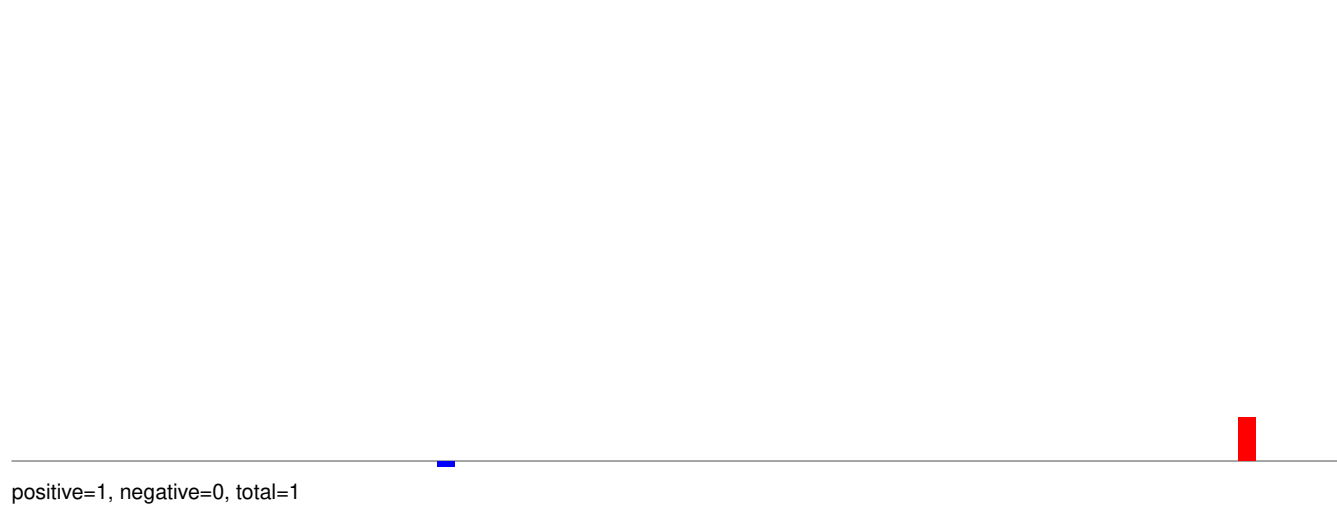
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



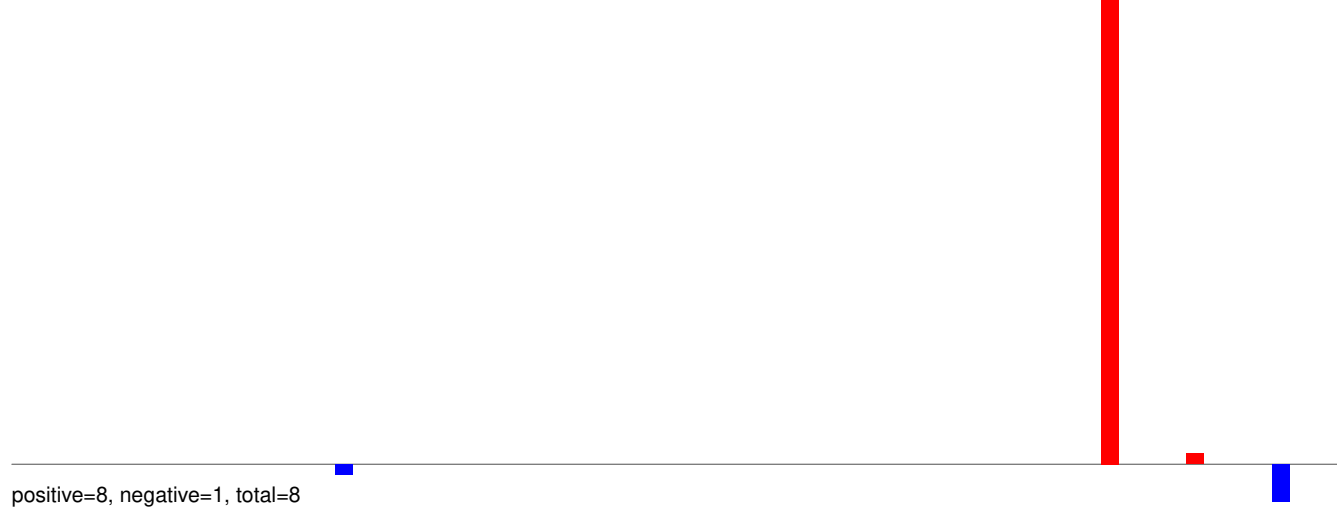
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



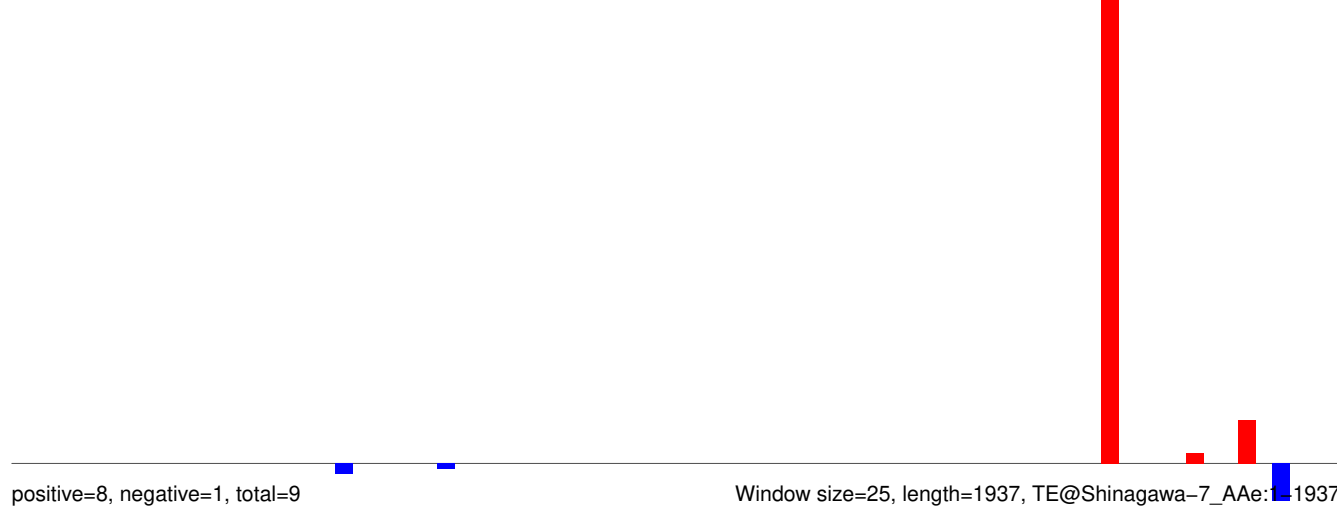
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



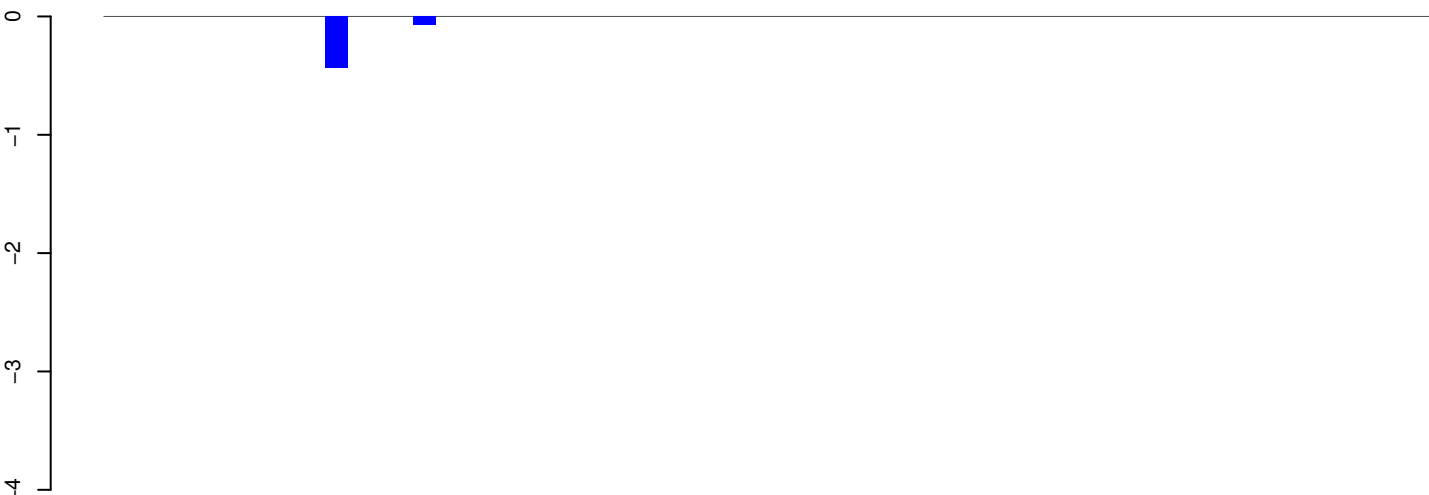
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



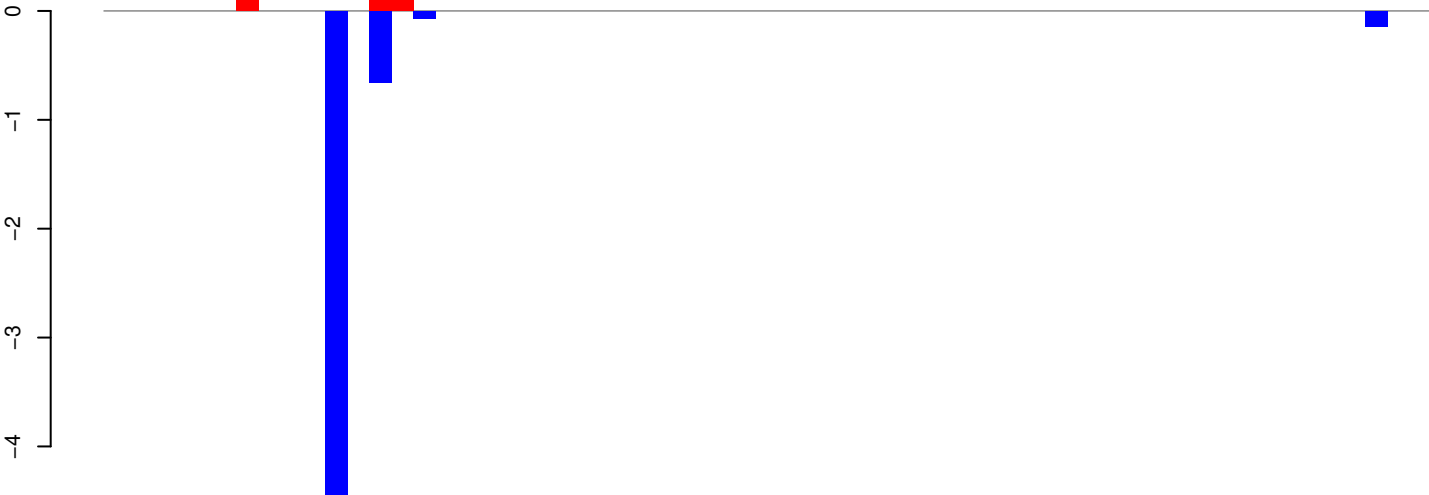
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



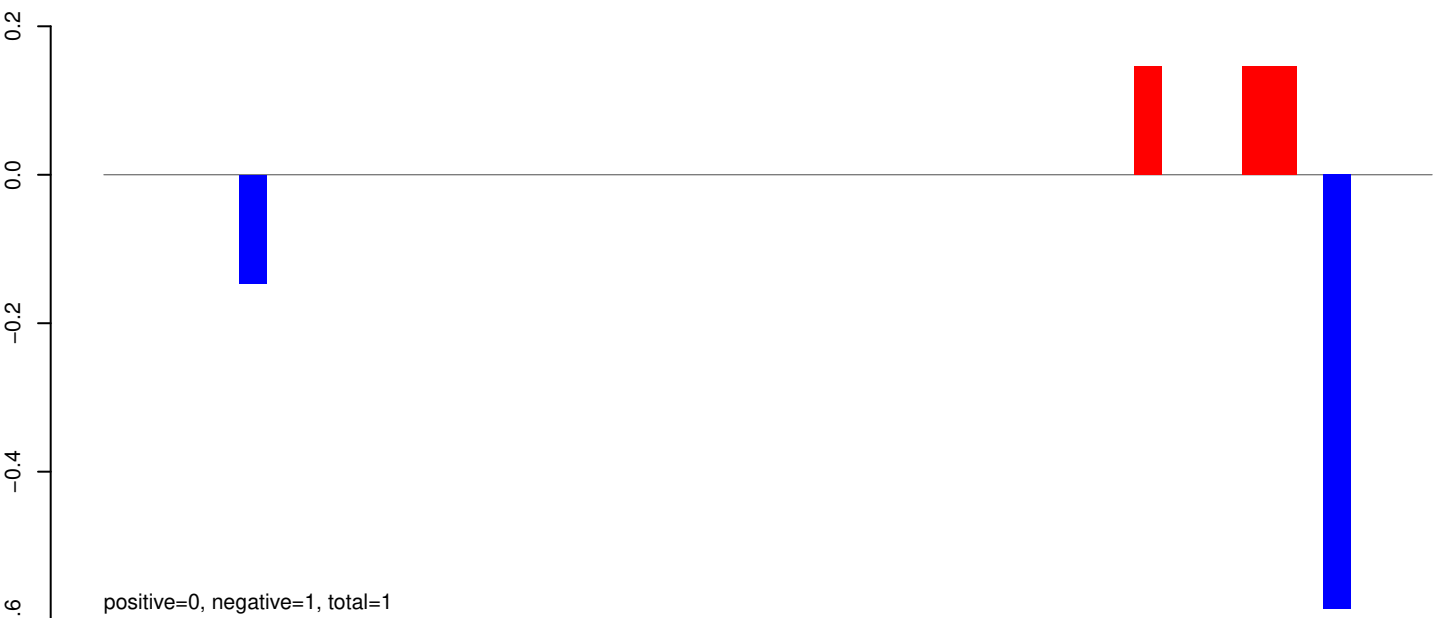
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



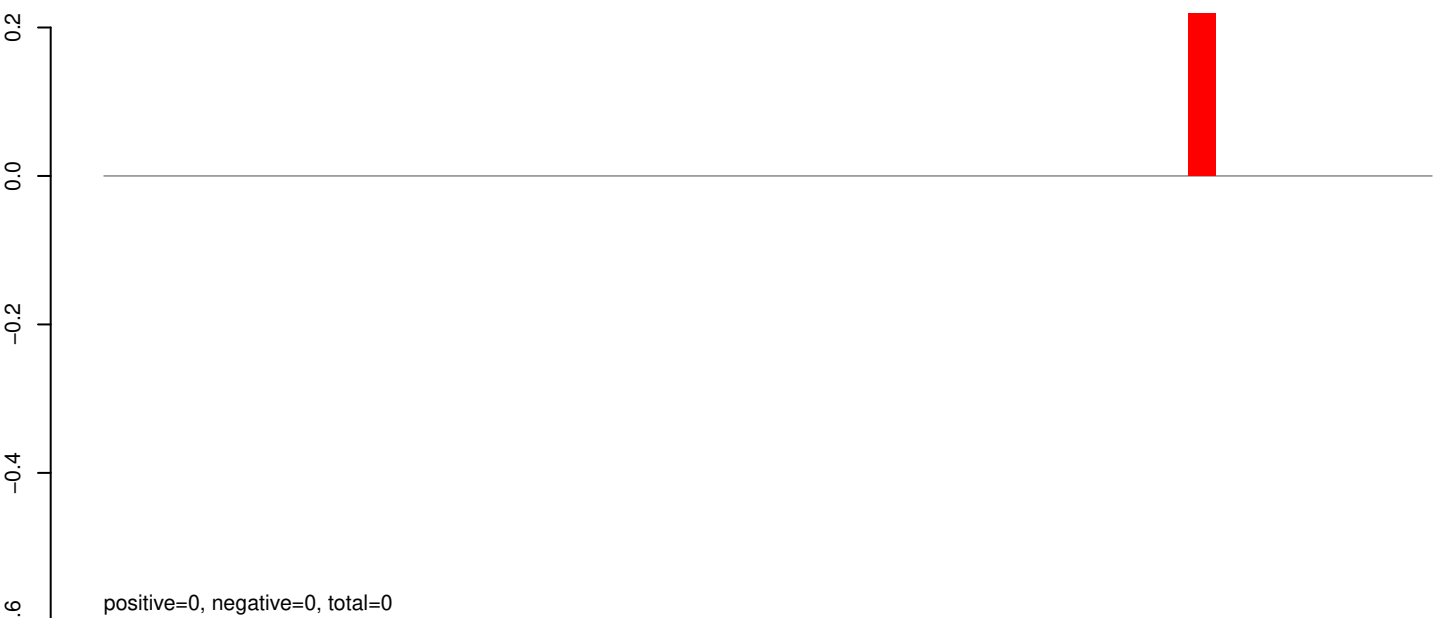
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

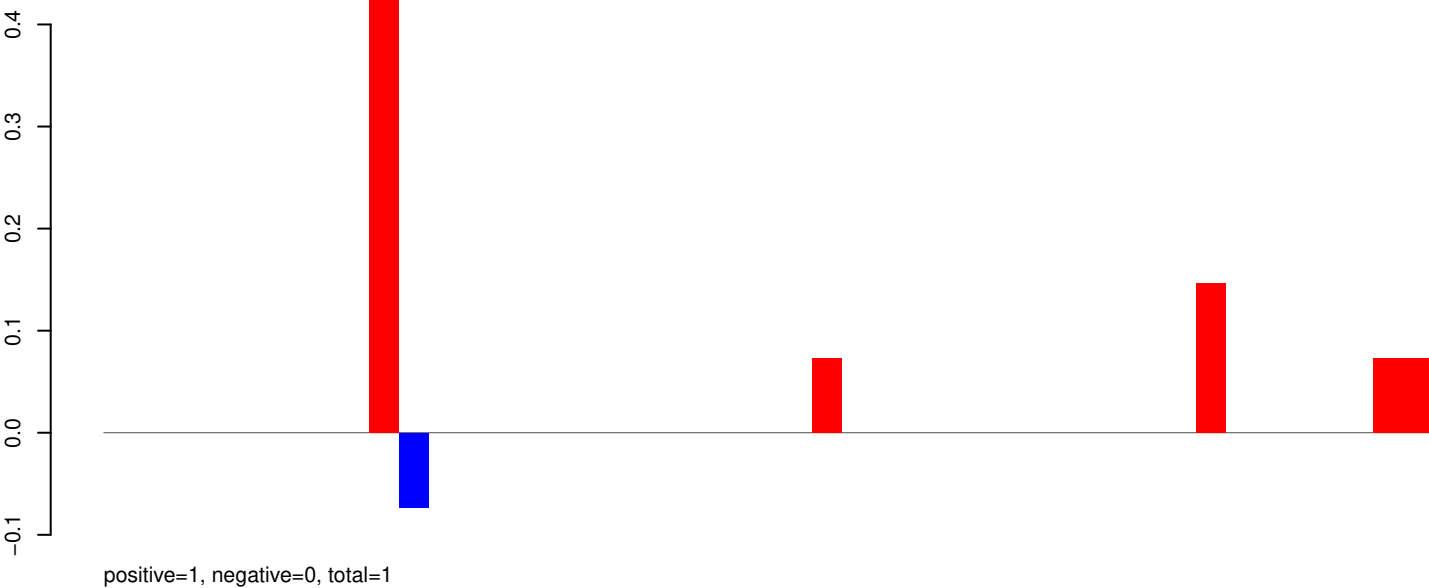


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

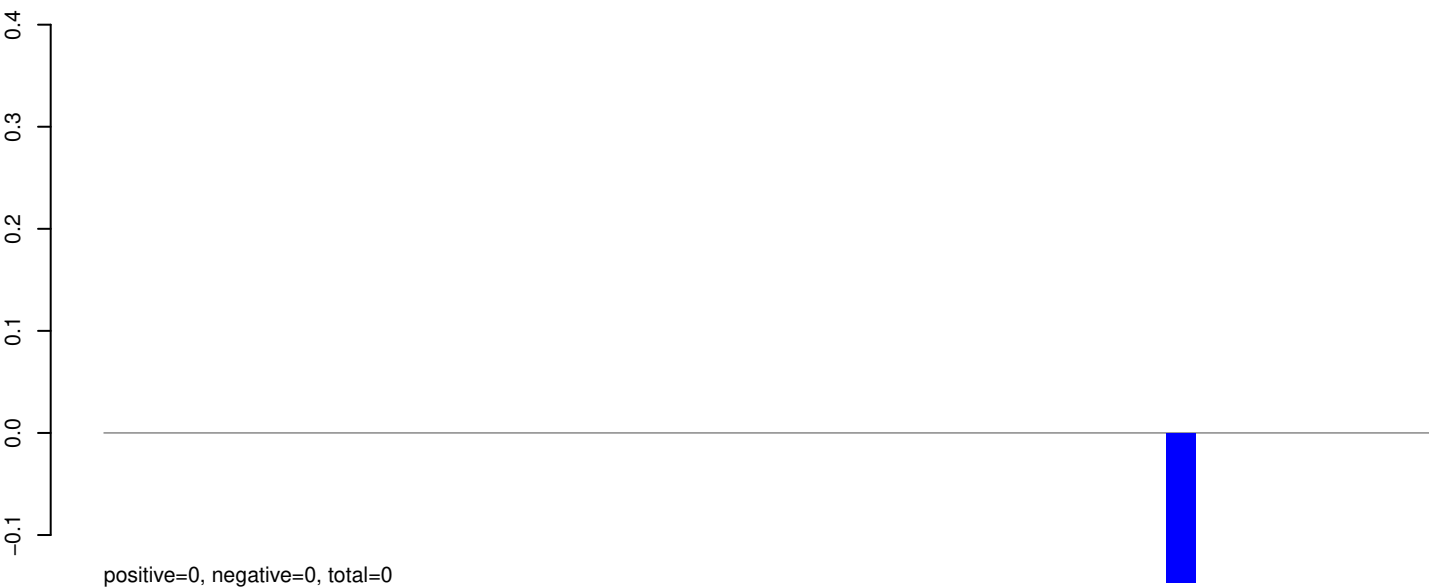


Window size=25, length=1208, TE@R=697-UNKNOWN:1-1208

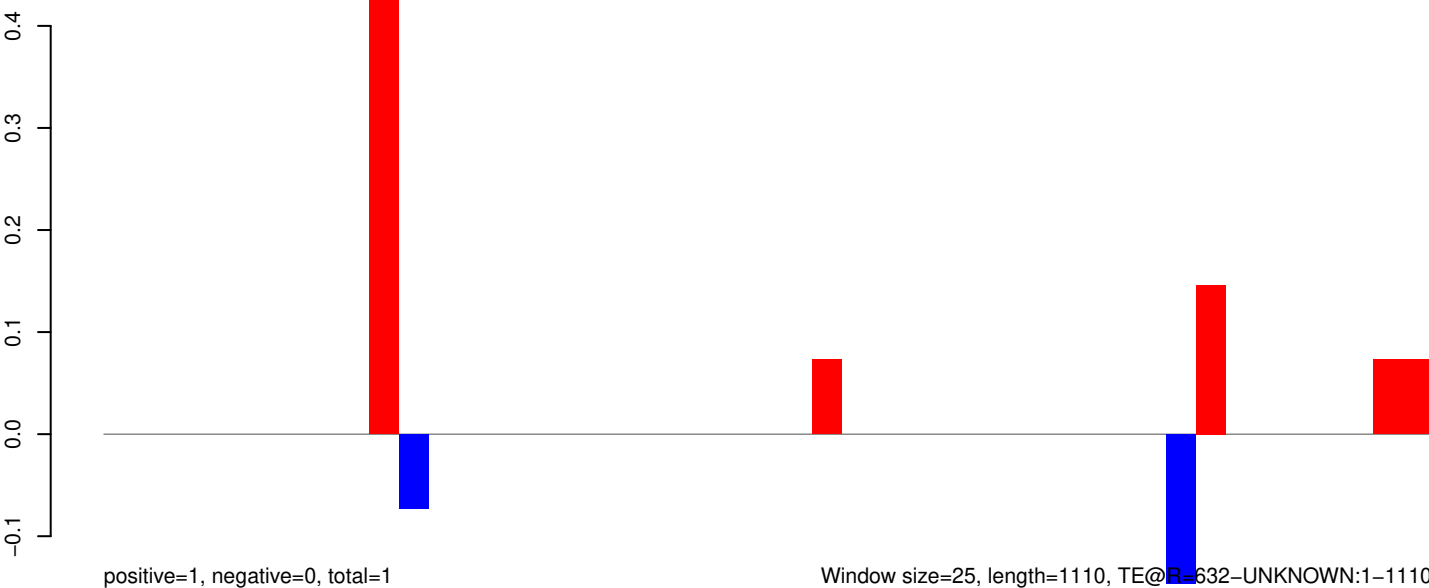
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

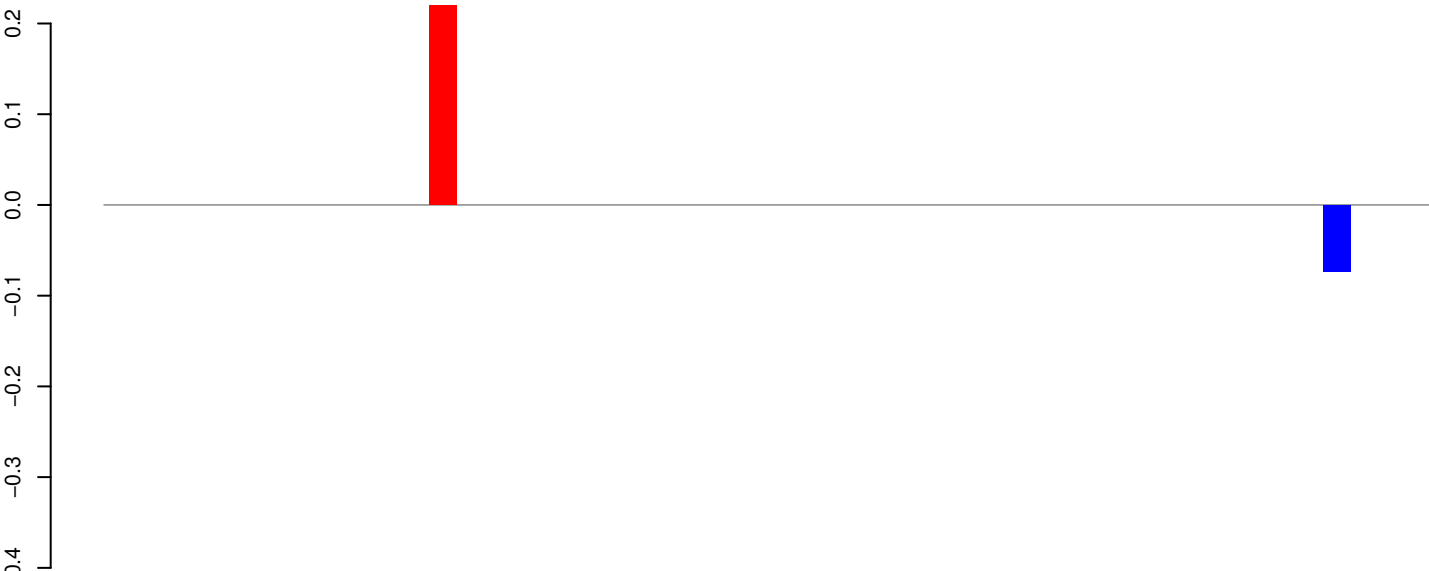


Window size=25, length=1110, TE@B-632-UNKNOWN:1-1110

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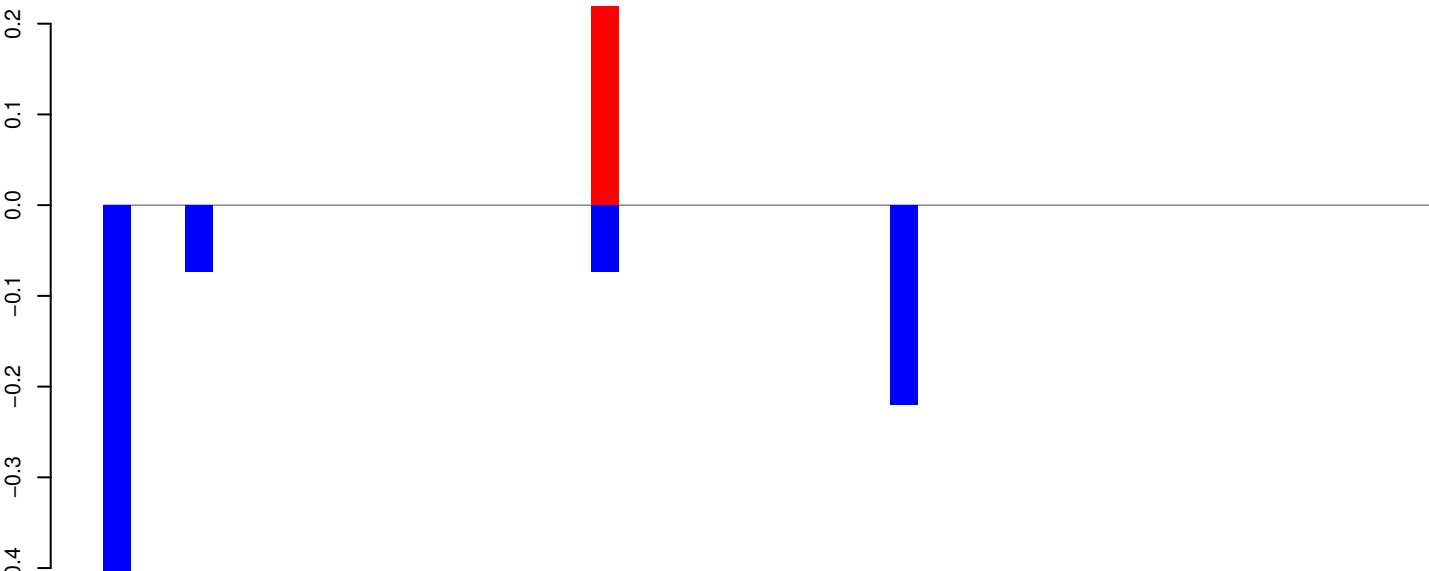


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



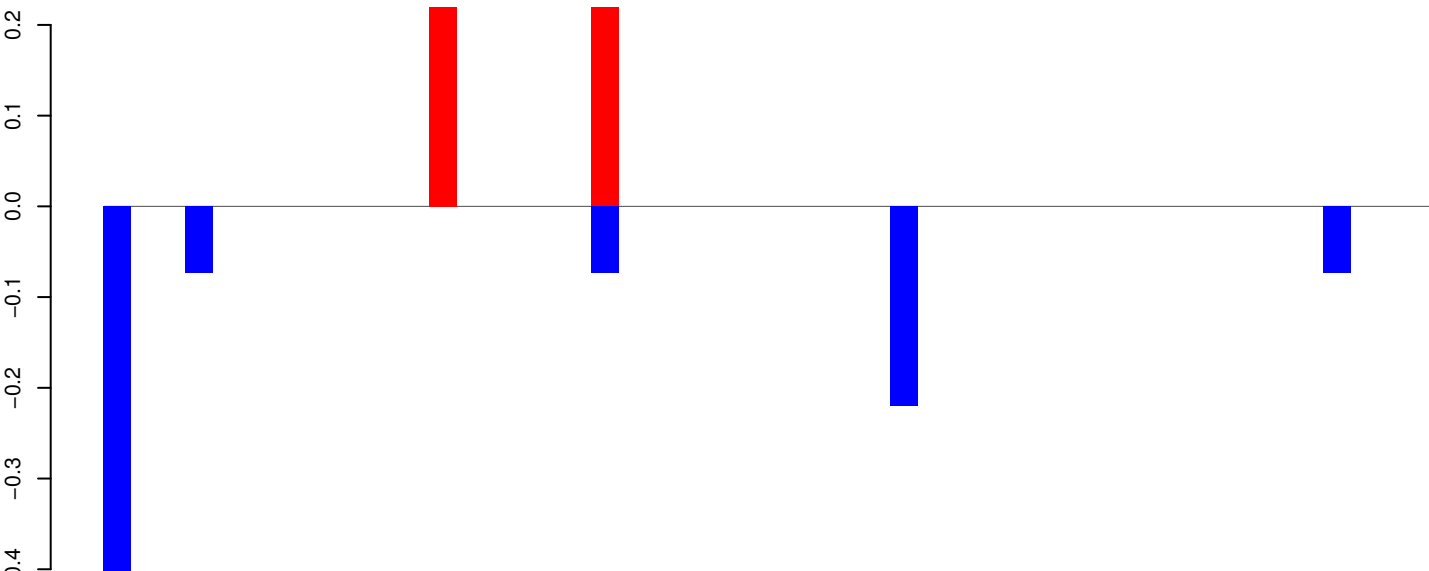
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=1, total=1

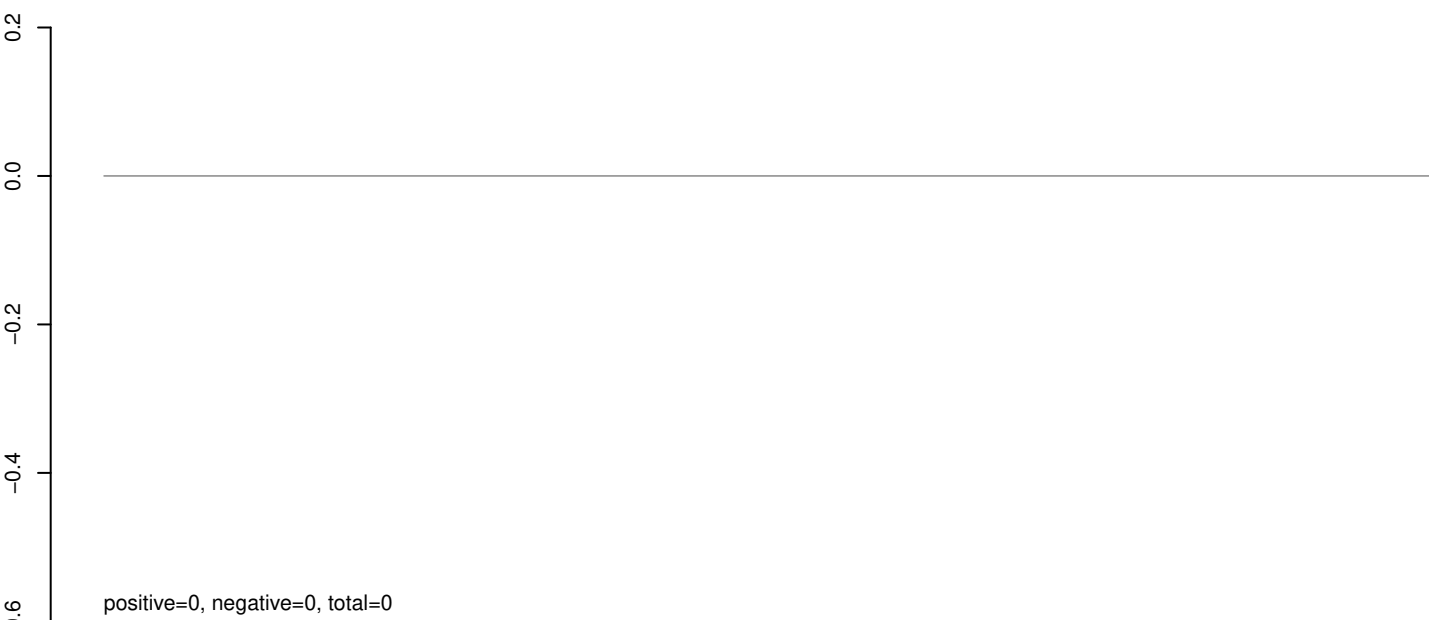
Window size=25, length=1223, TE@R=471-UNKNOWN:1-1223

0 200 400 600 800 1000 1200

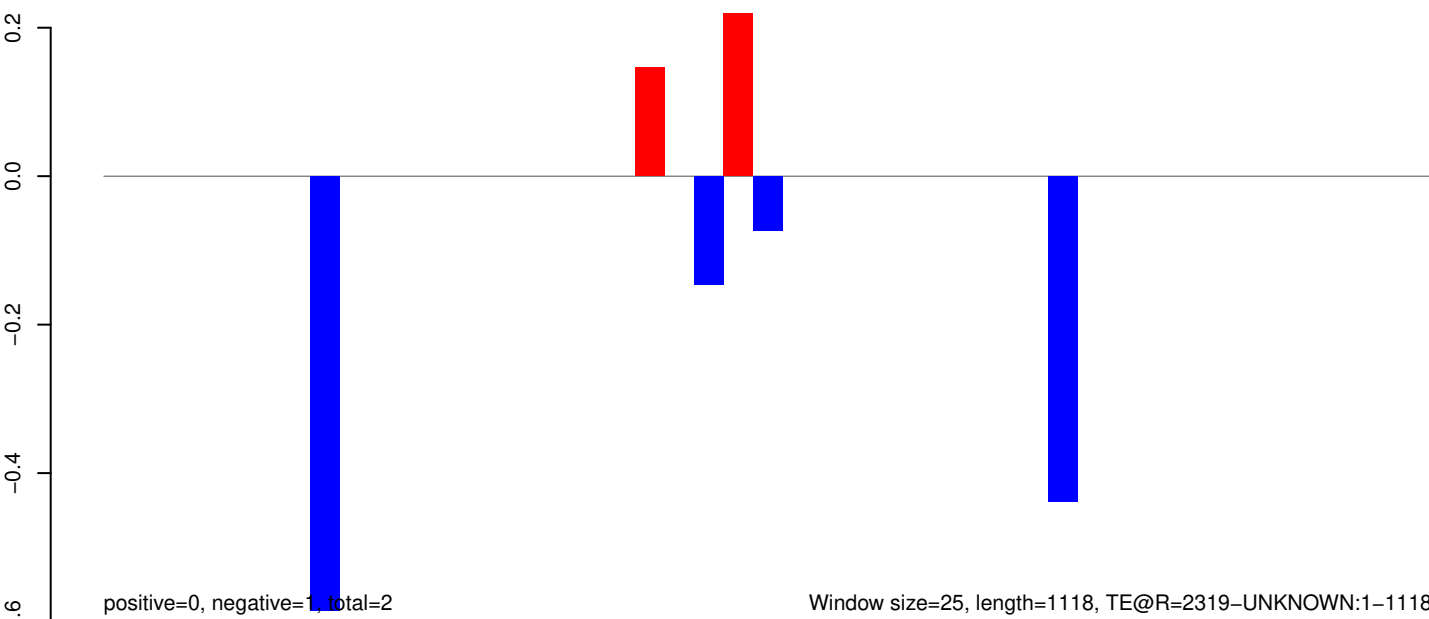
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



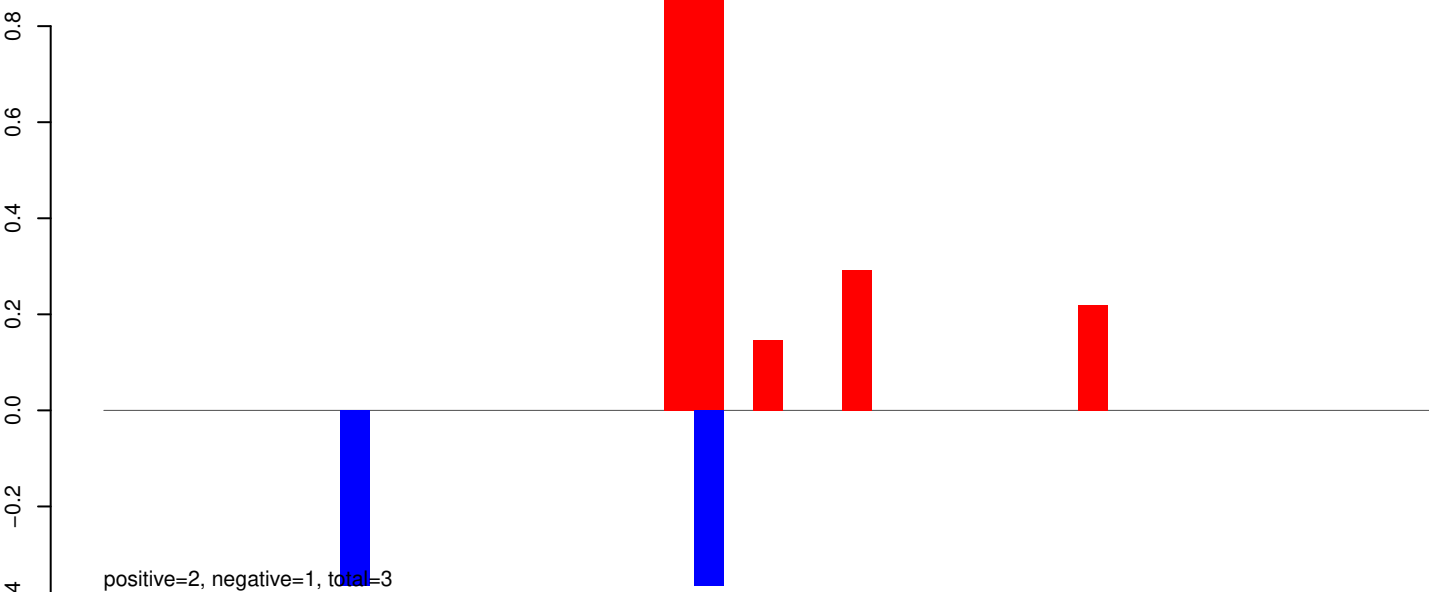
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



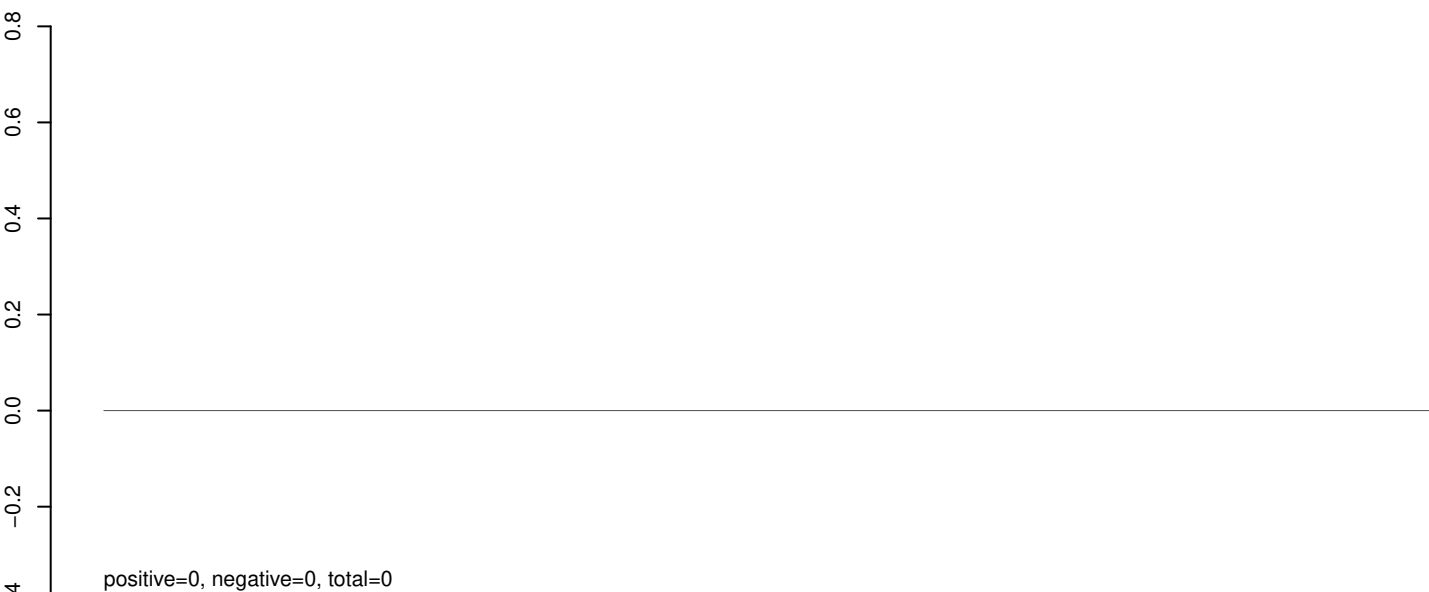
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



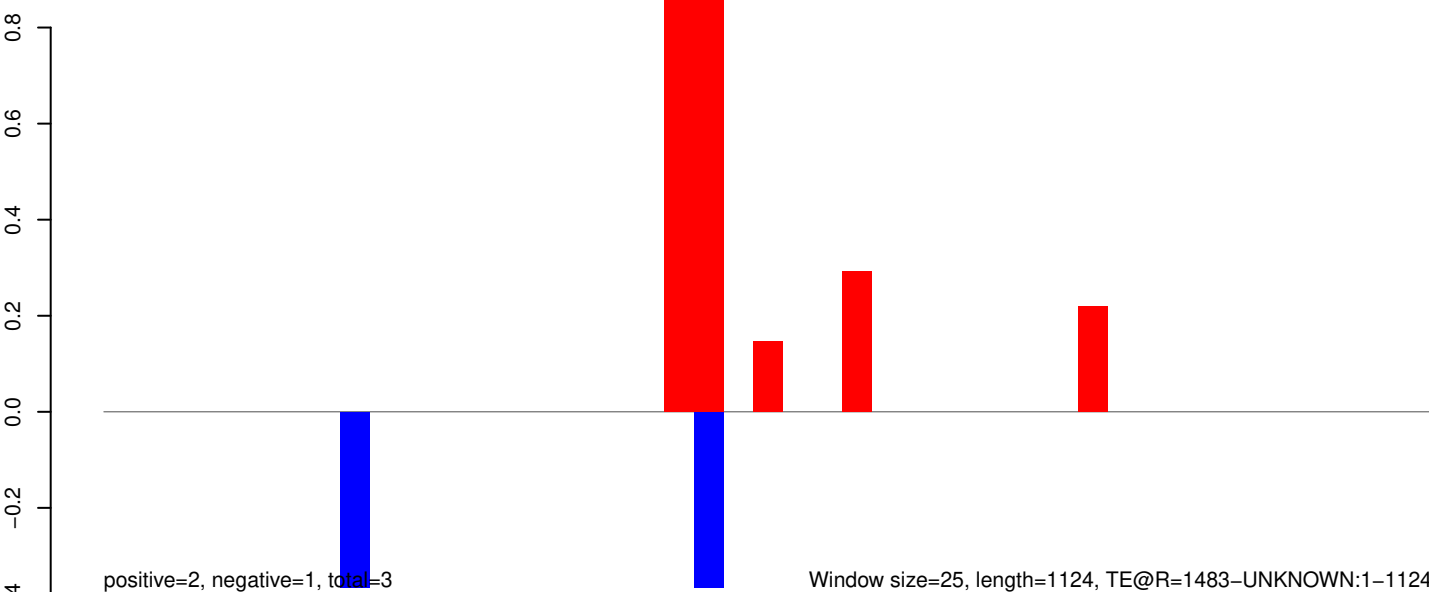
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

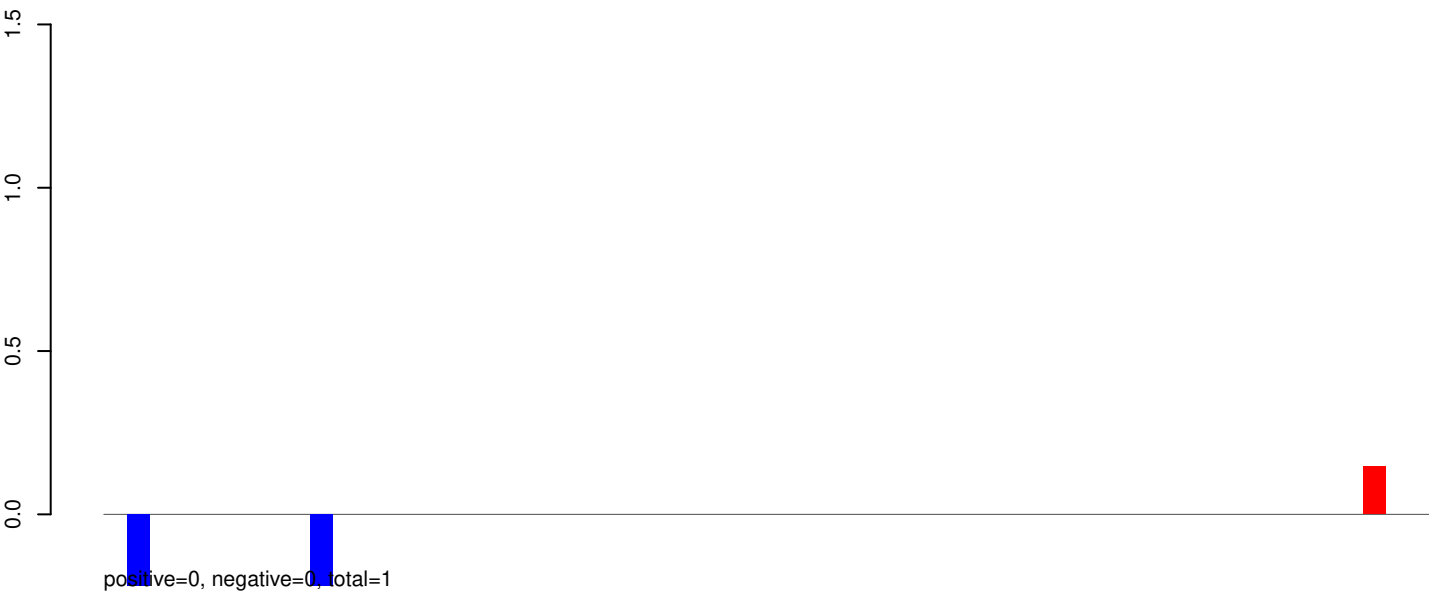


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

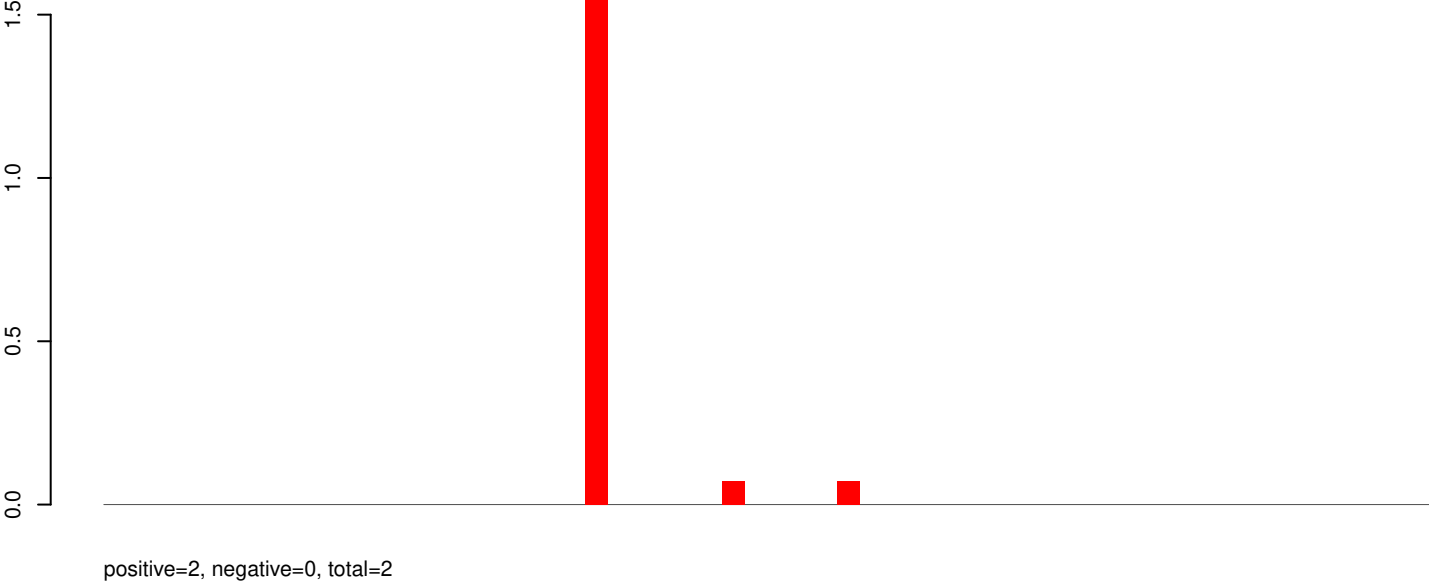


0 200 400 600 800 1000

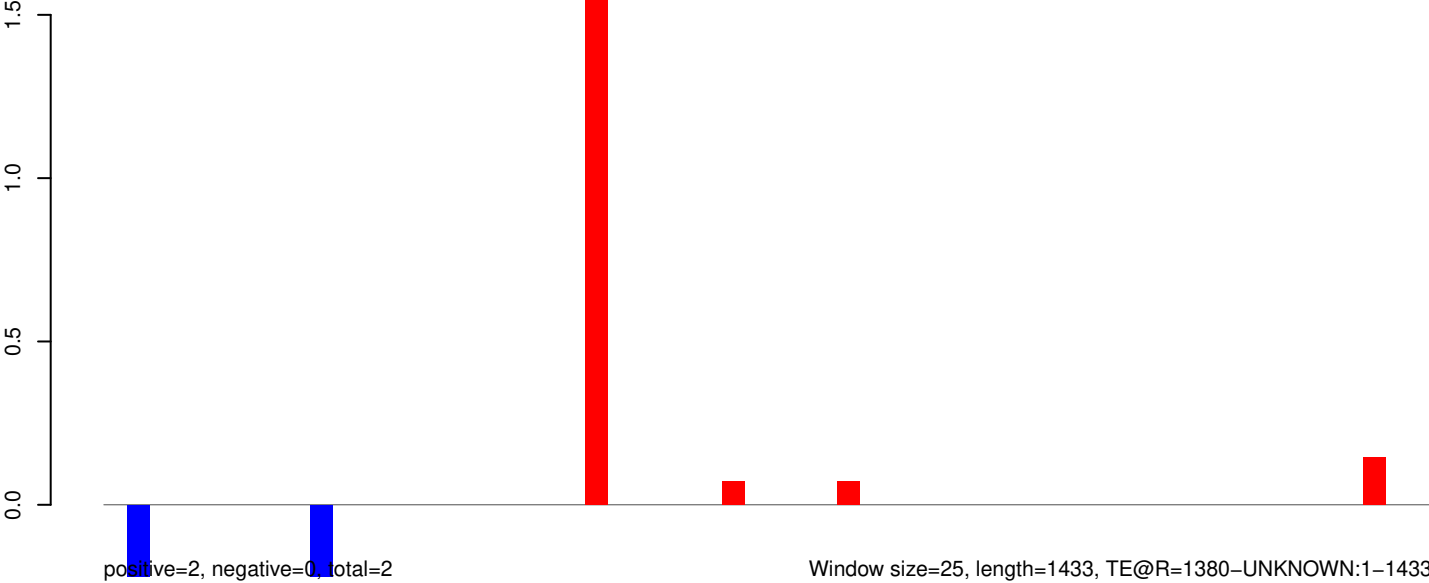
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

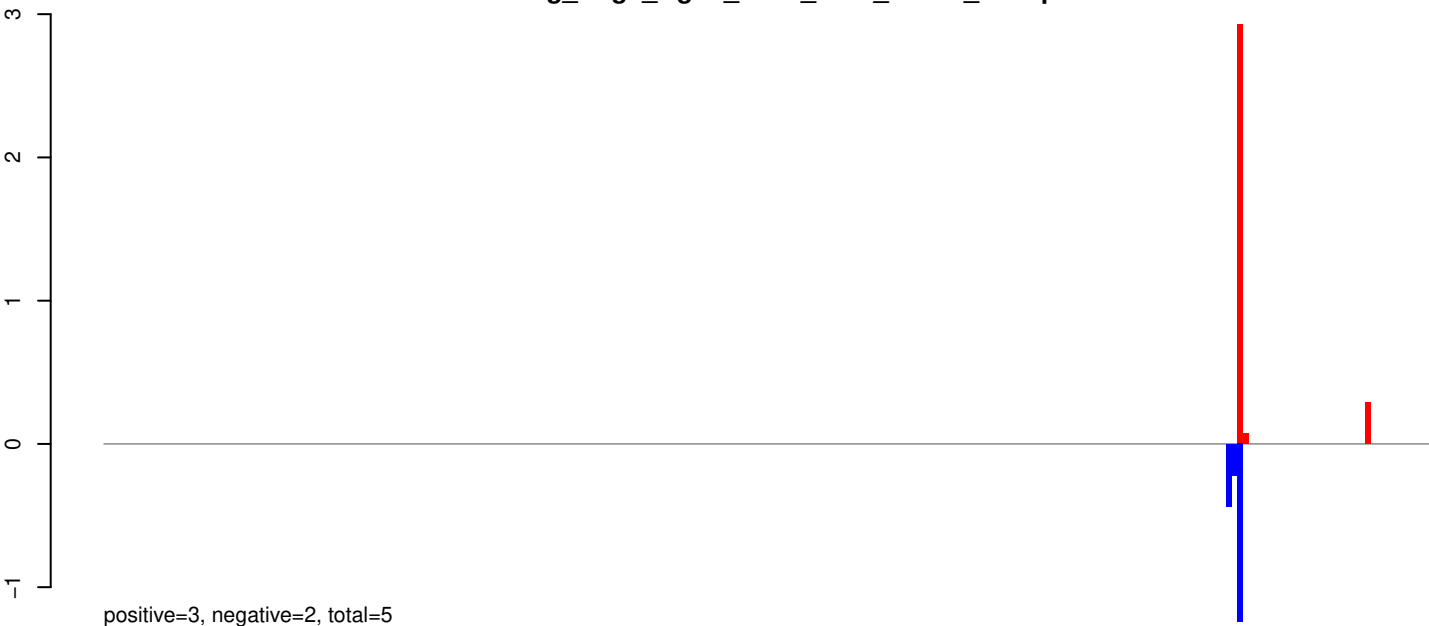


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

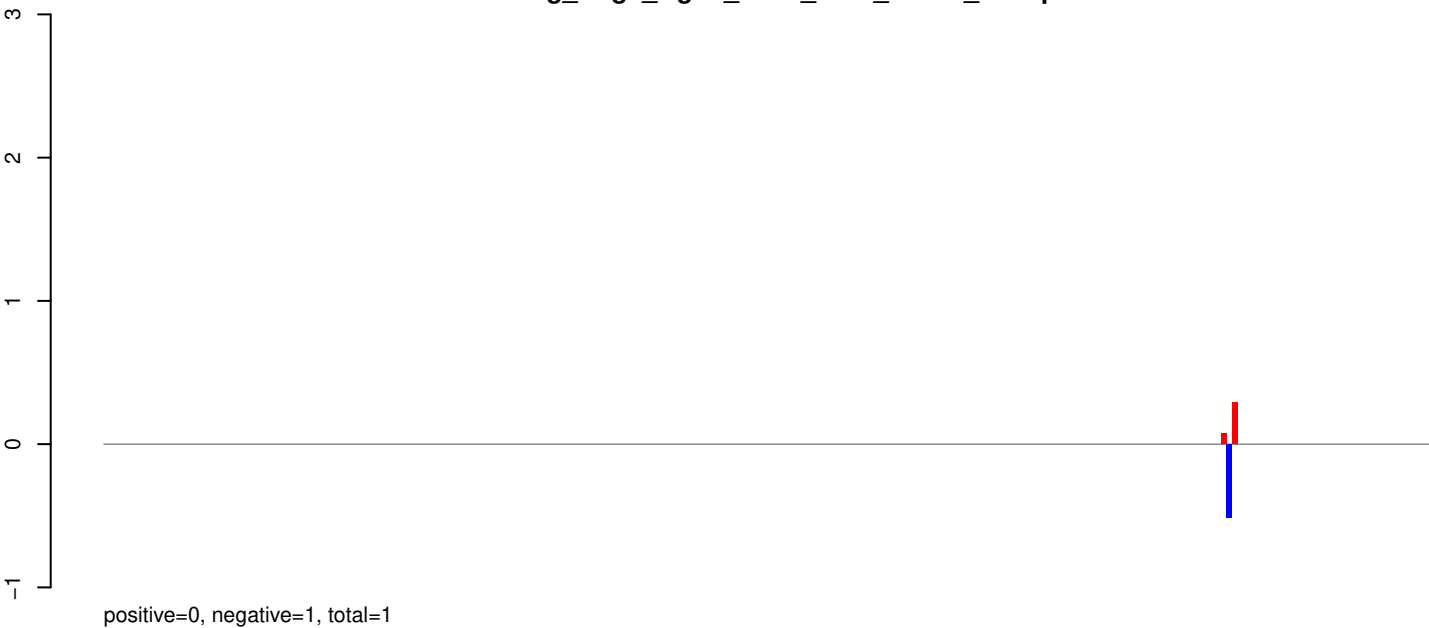


Window size=25, length=1433, TE@R=1380-UNKNOWN:1-1433

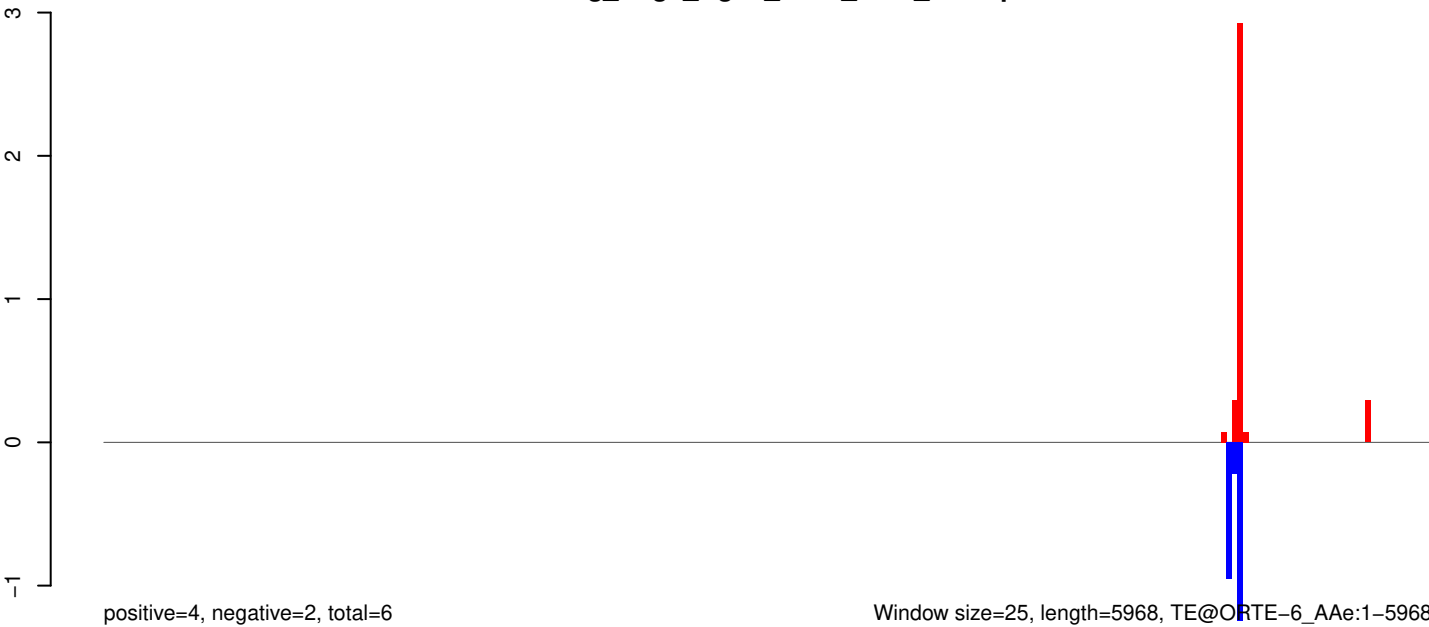
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

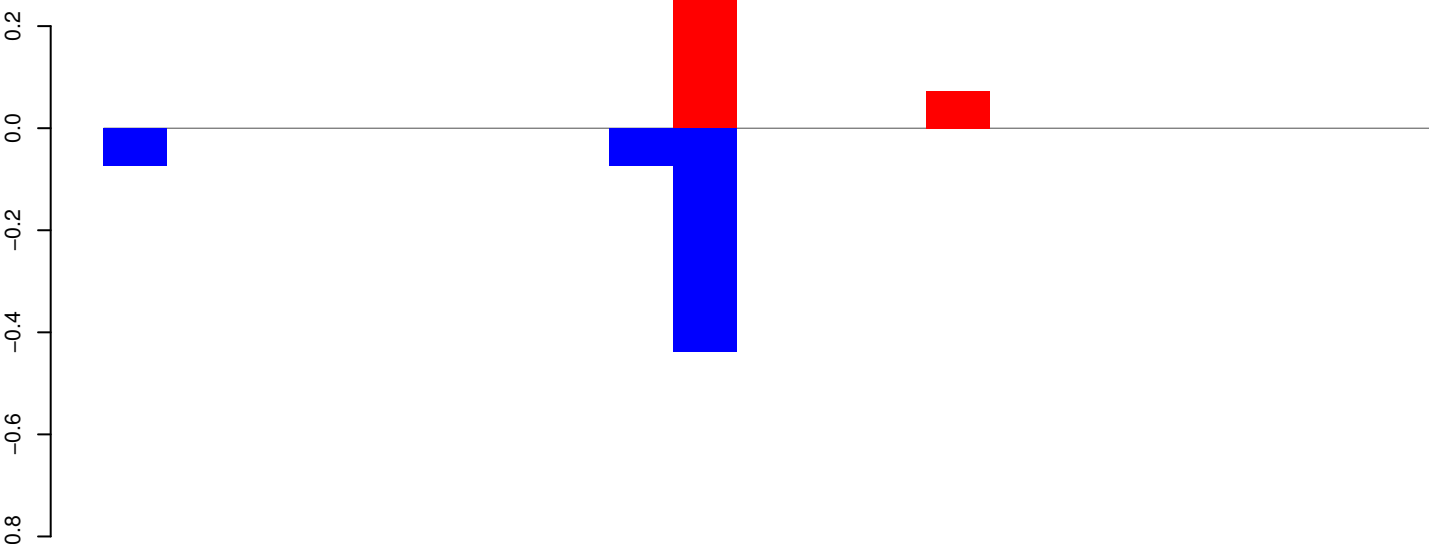


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



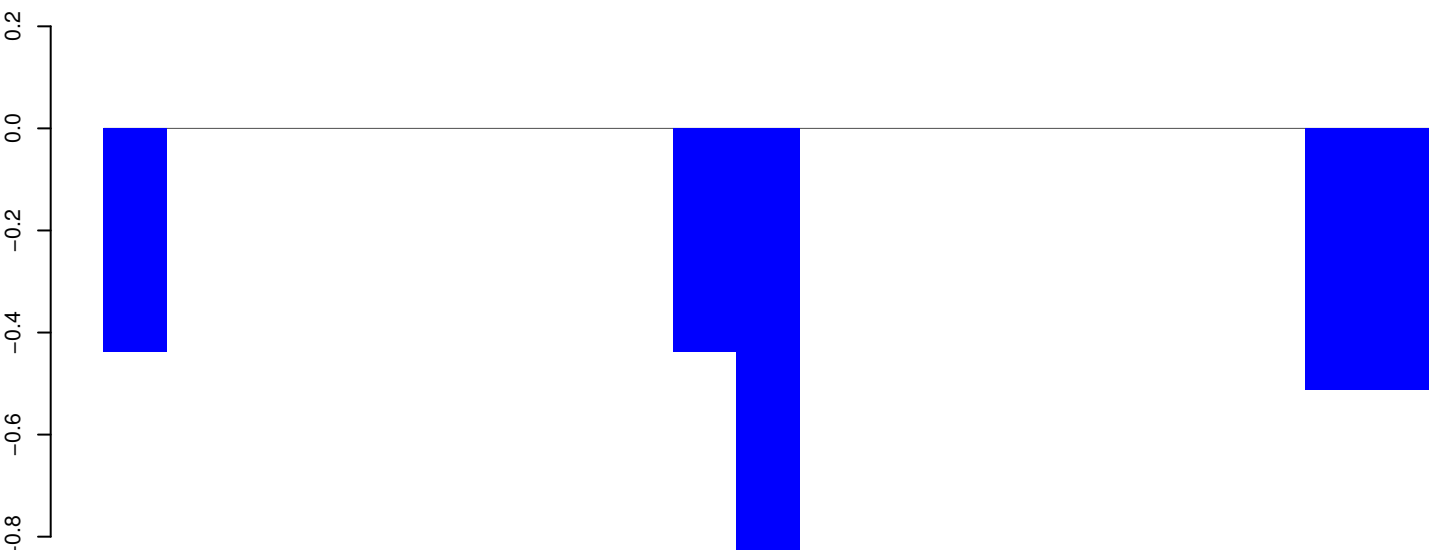
Window size=25, length=5968, TE@ORTE-6\_A Ae:1-5968

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



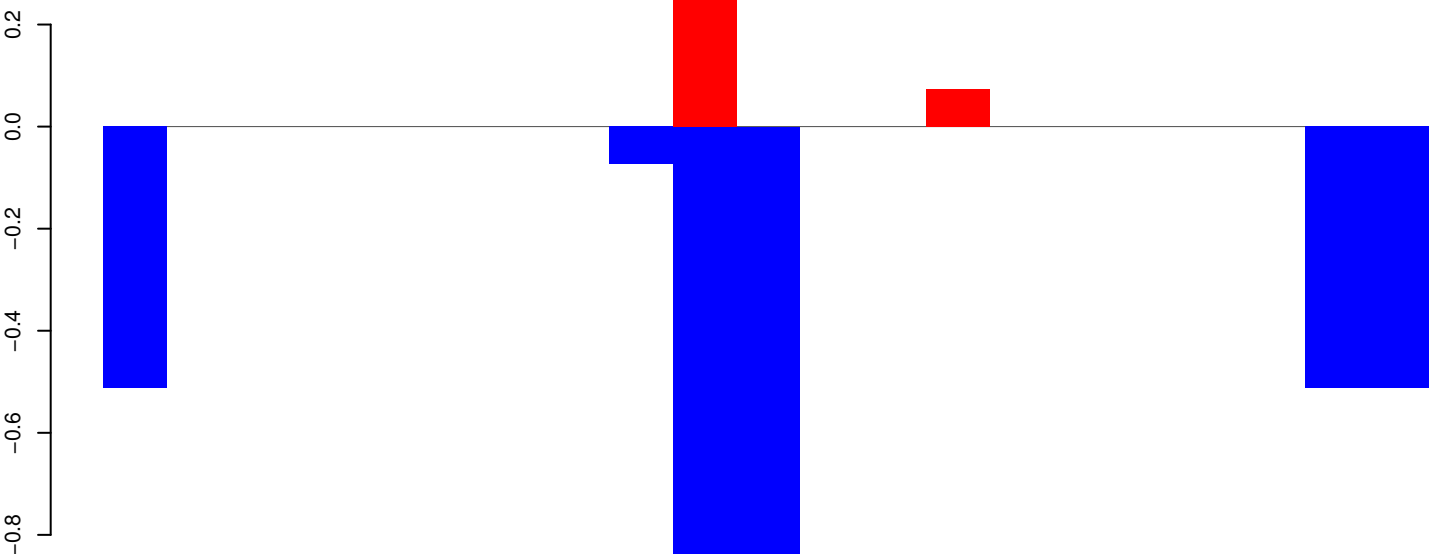
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=3, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=3, total=4

Window size=25, length=521, TE@MITE\_AA:1-521

100

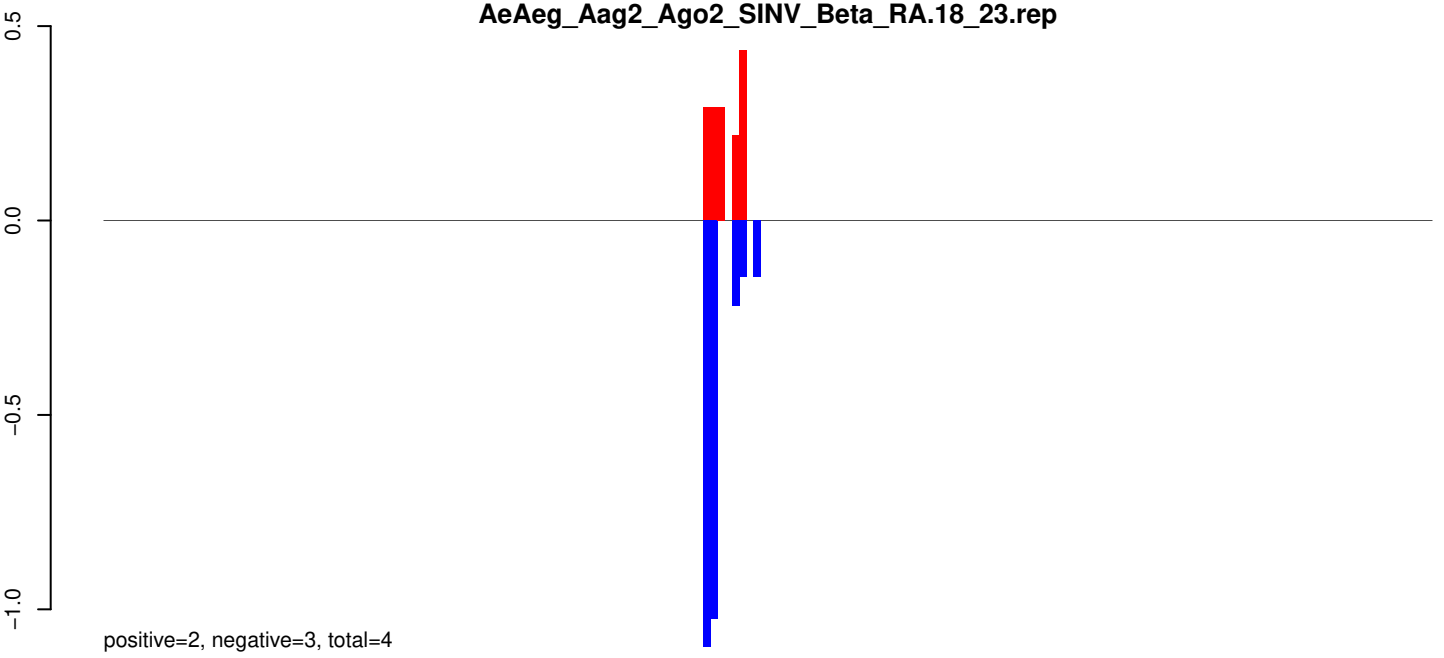
200

300

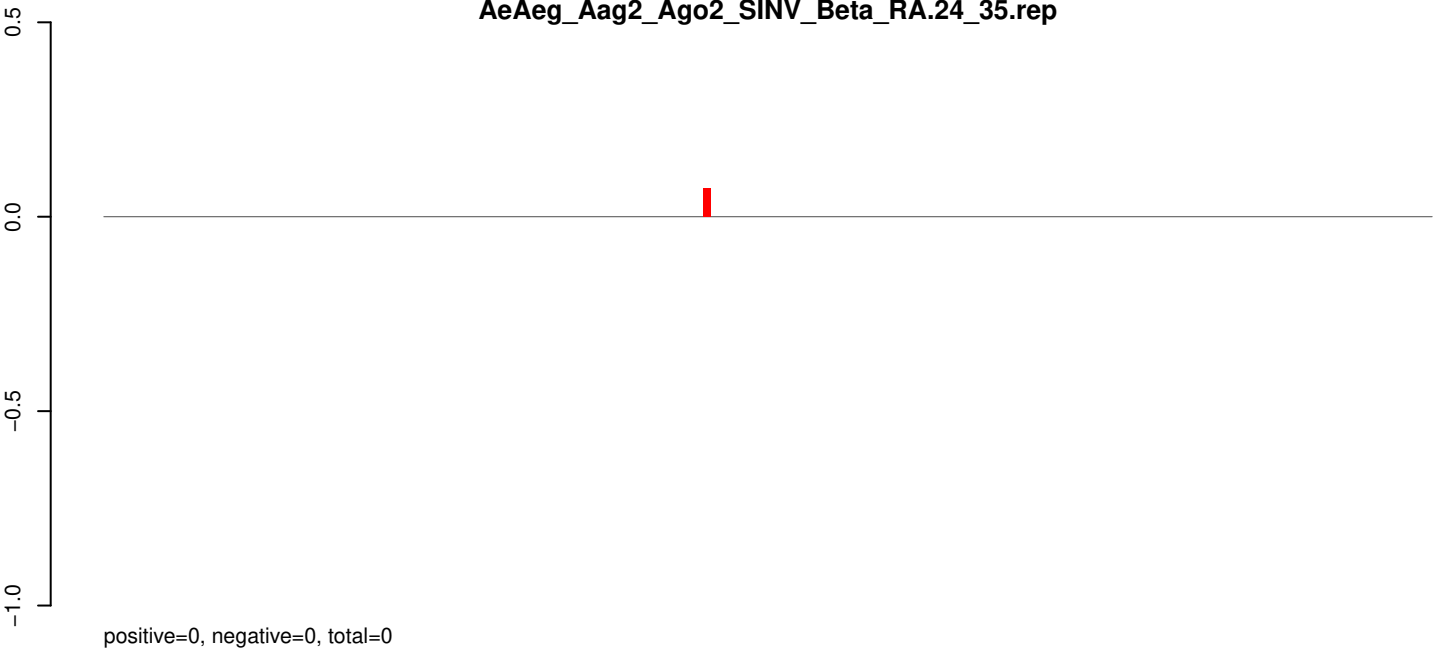
400

500

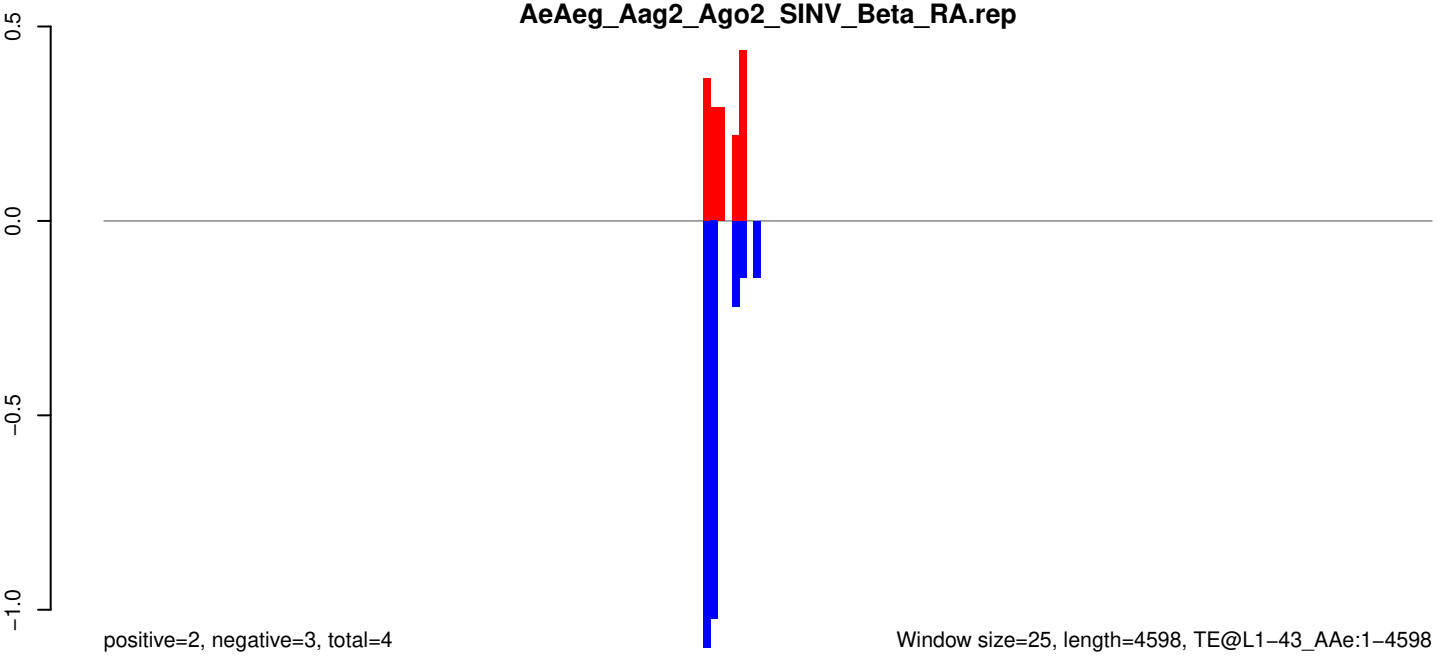
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

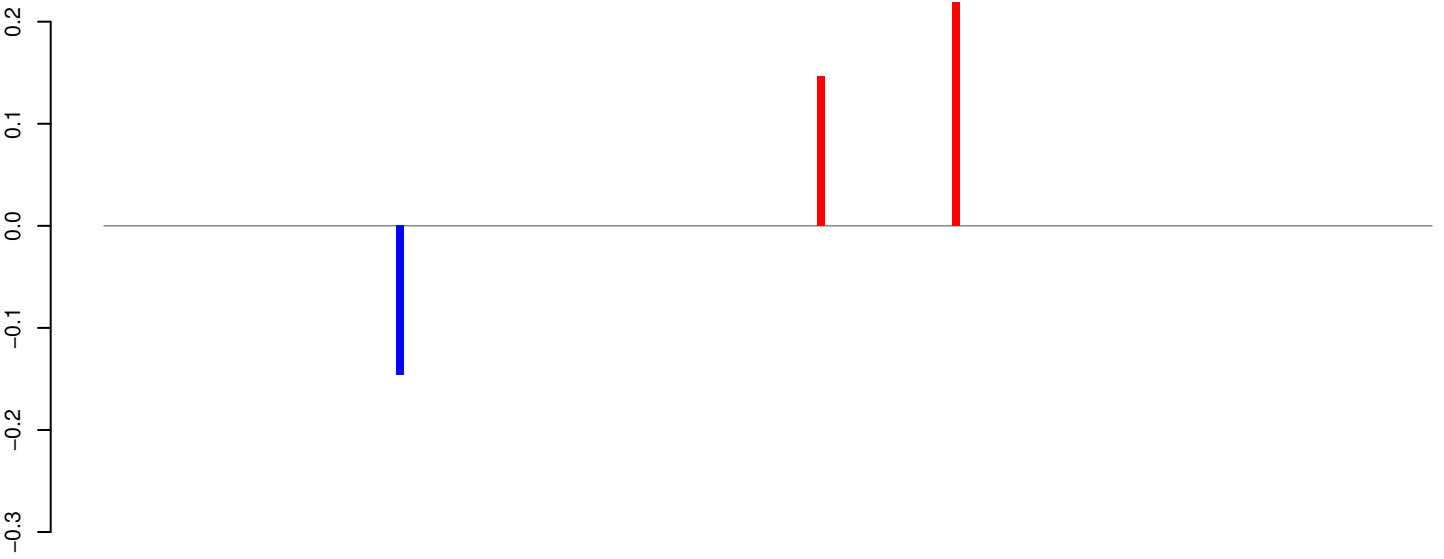


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



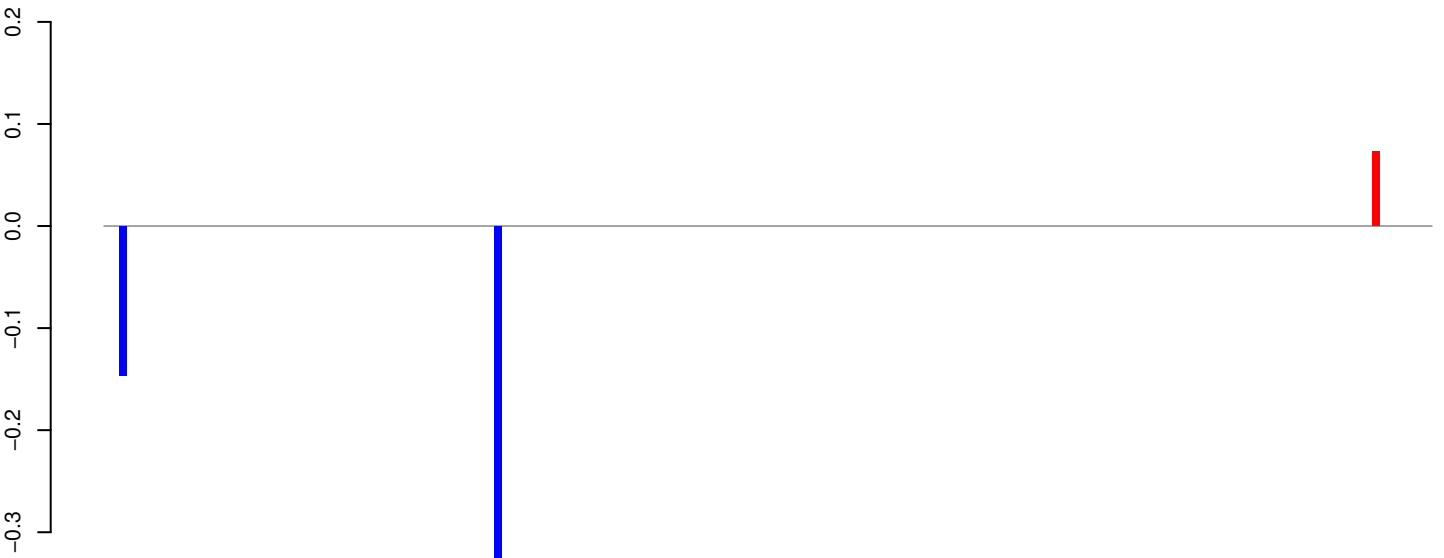
Window size=25, length=4598, TE@L1-43\_A Ae:1-4598

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



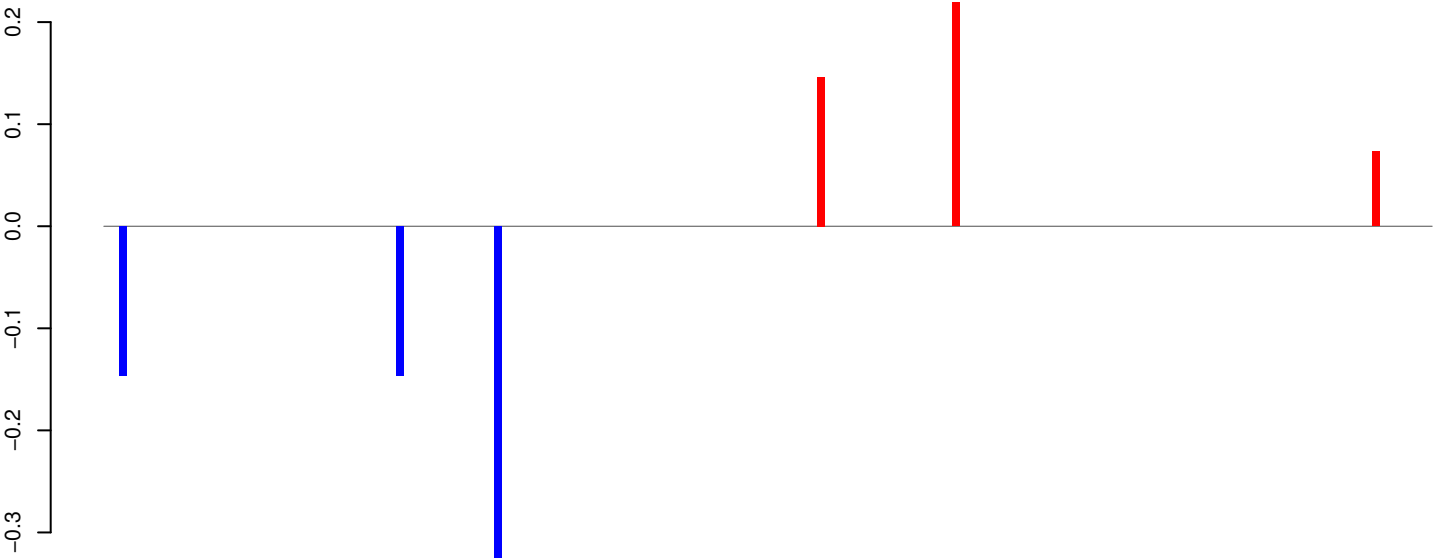
positive=0, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



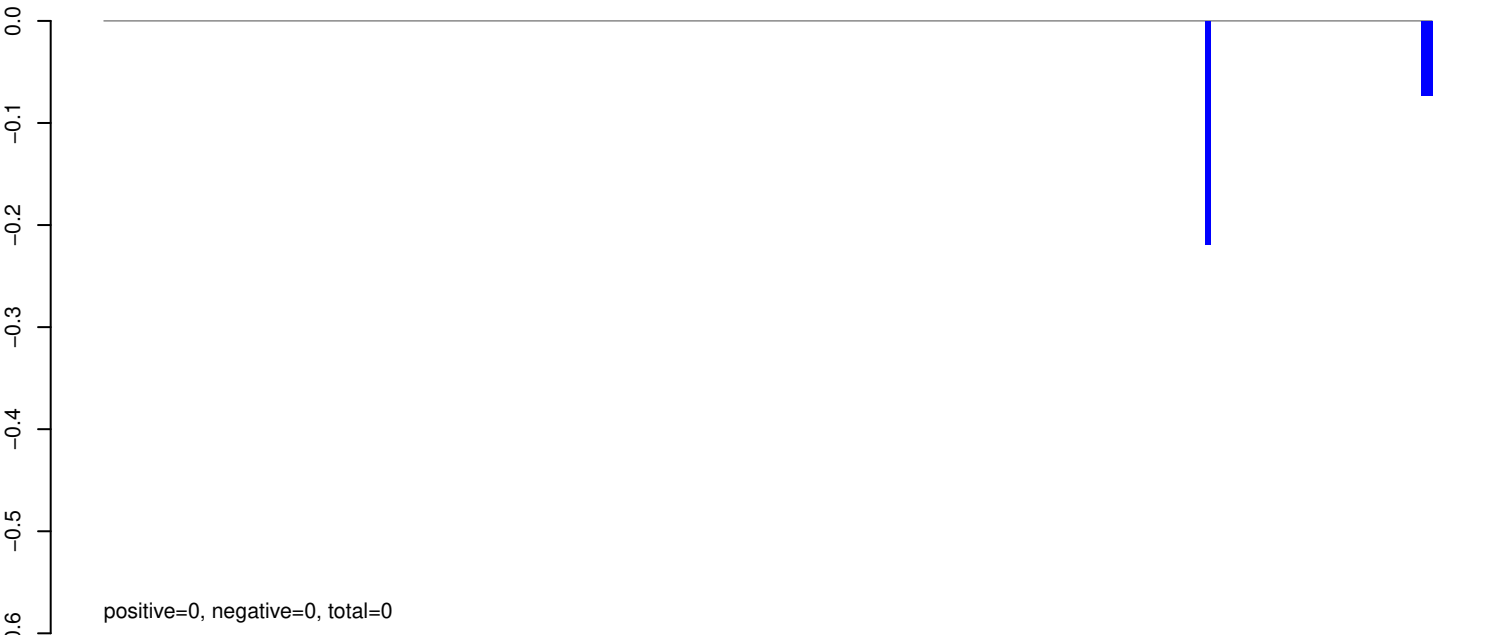
positive=0, negative=1, total=1

Window size=25, length=4422, TE@Jockey\_Ele2:1-4422

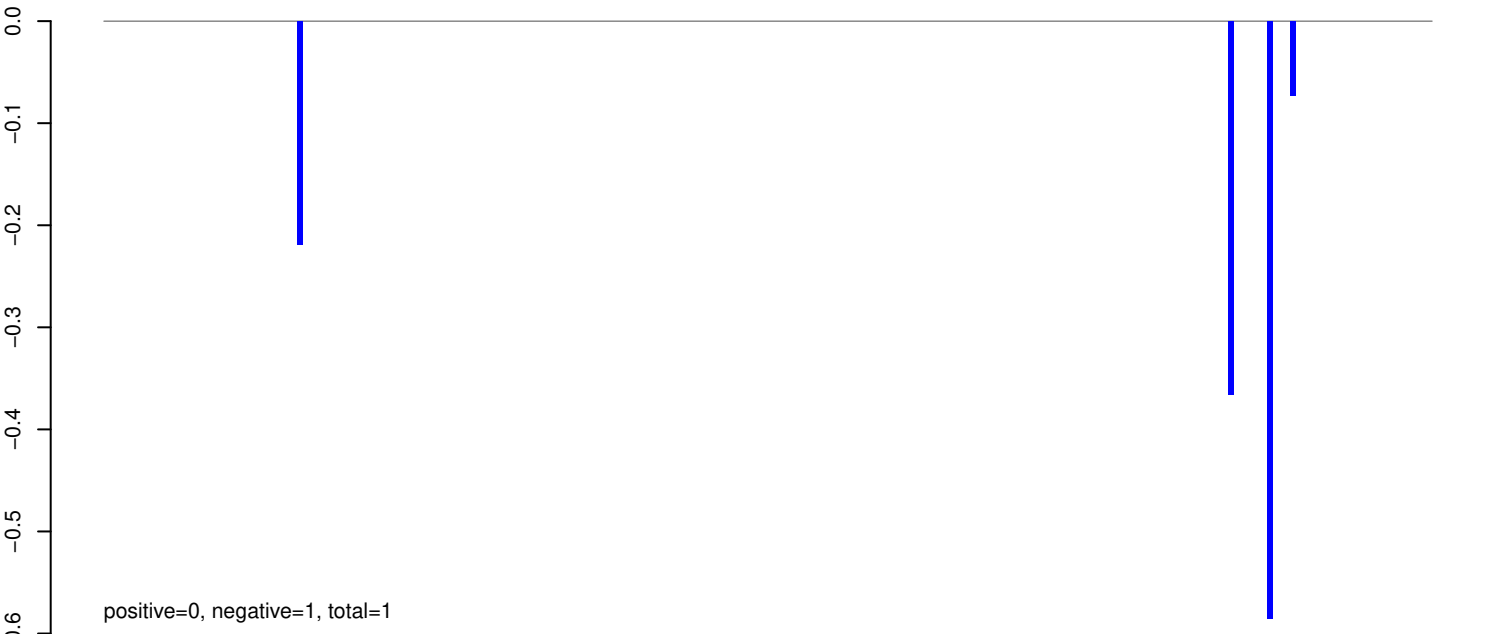
0 1000 2000 3000 4000



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



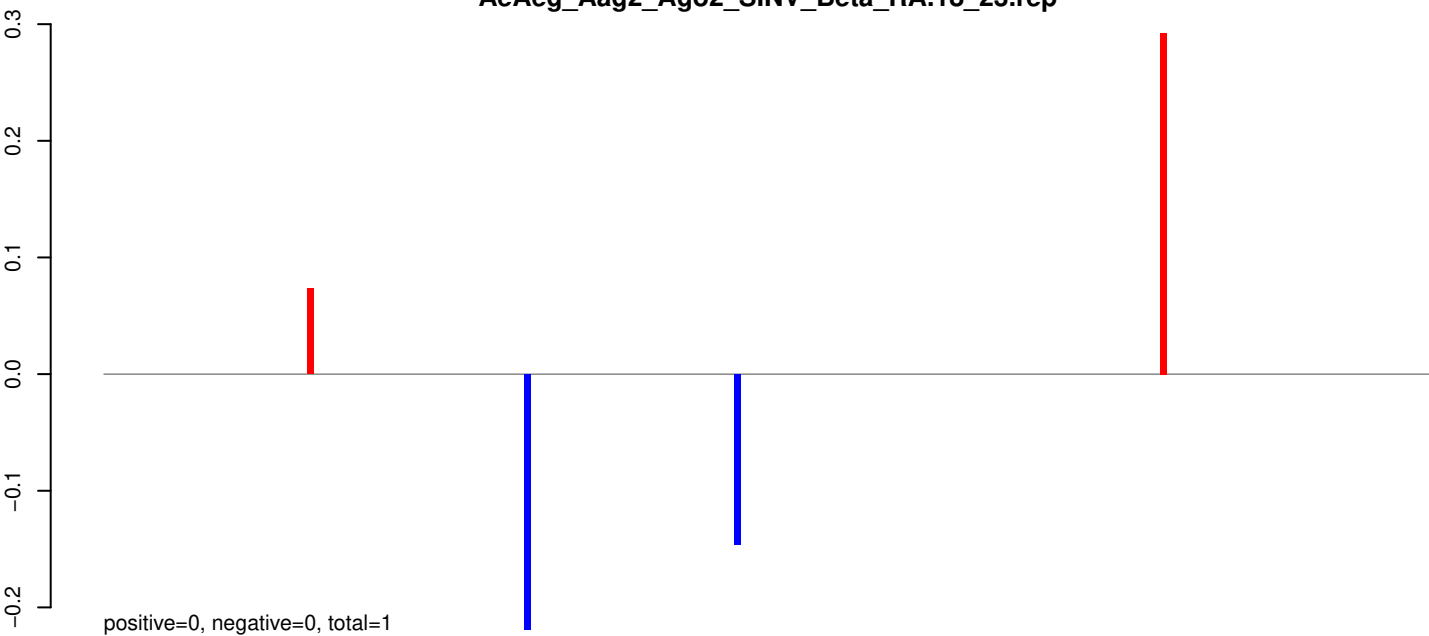
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



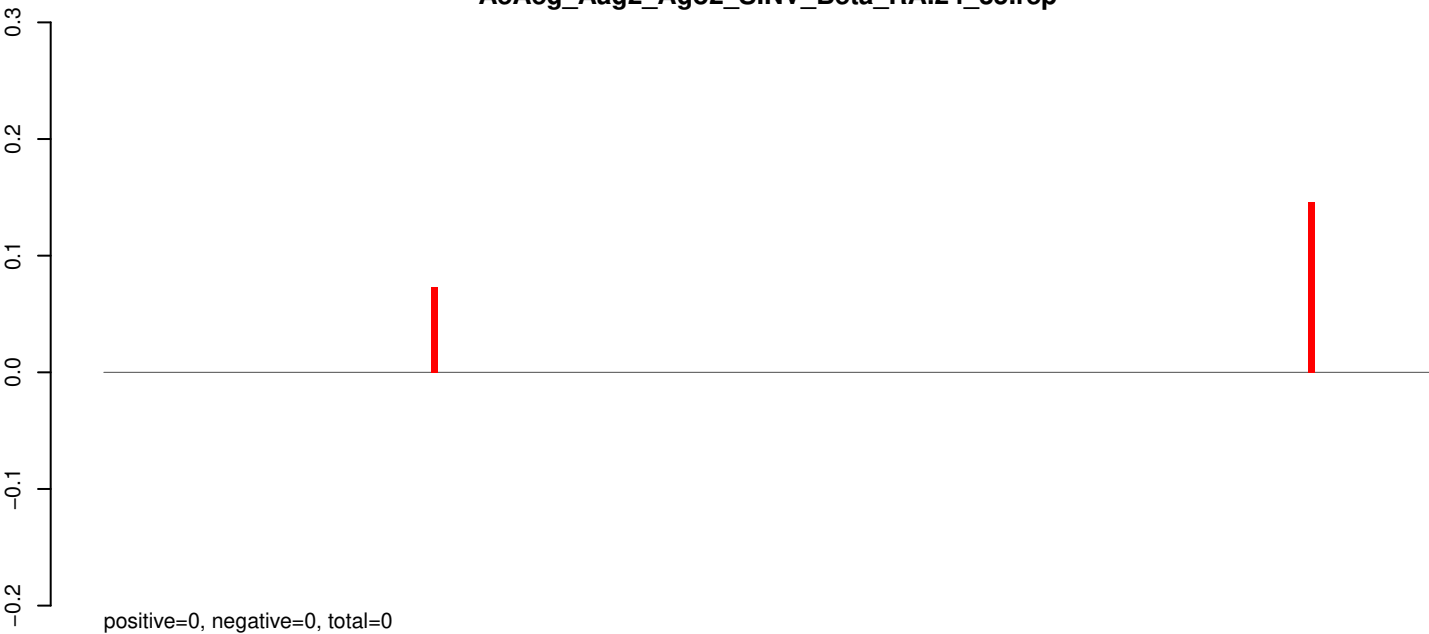
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



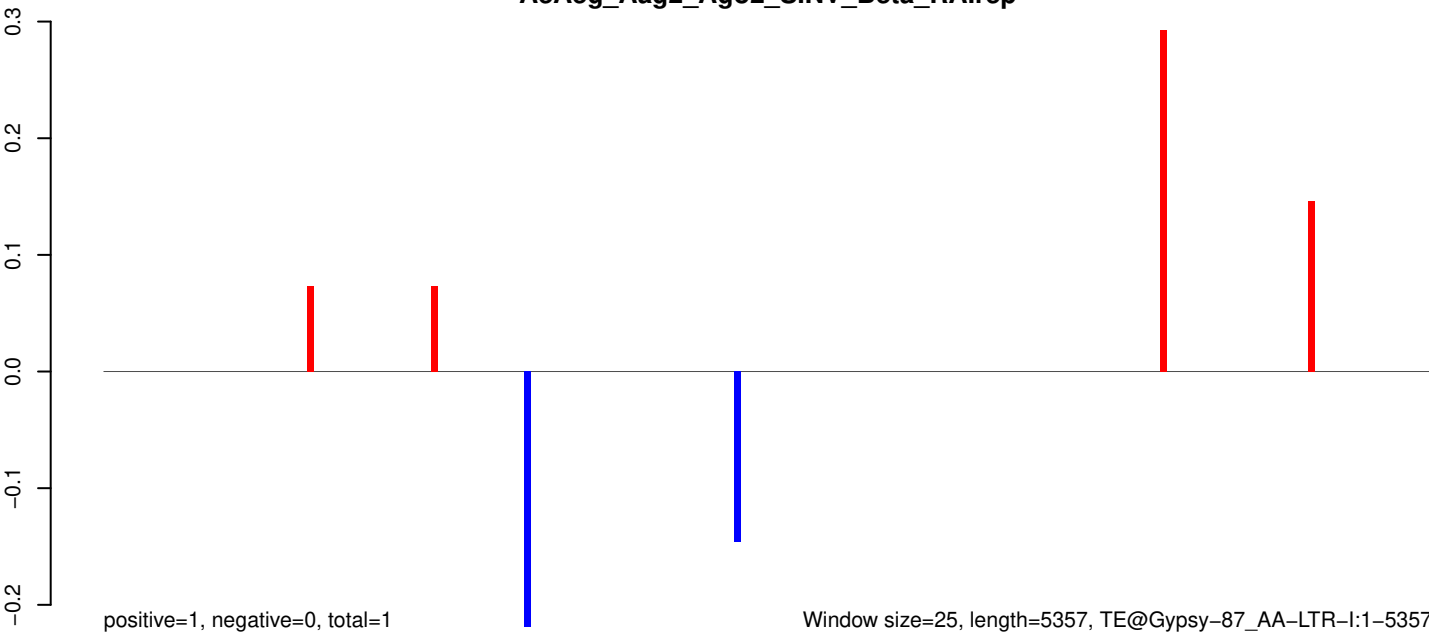
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



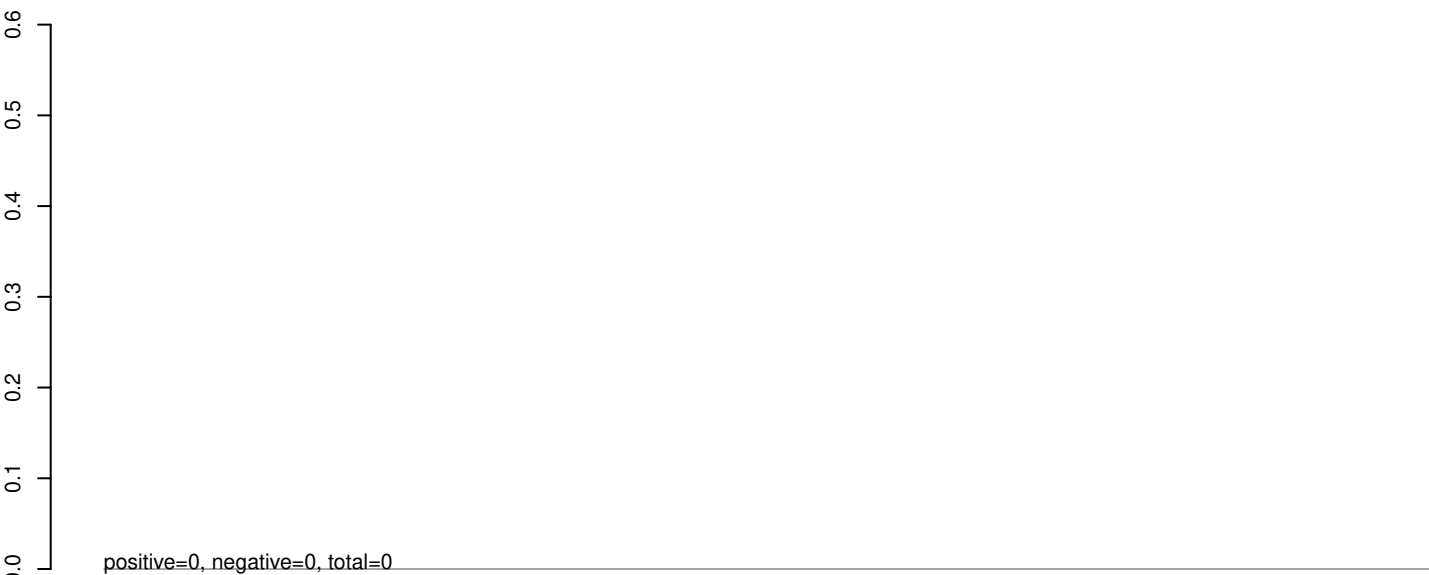
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



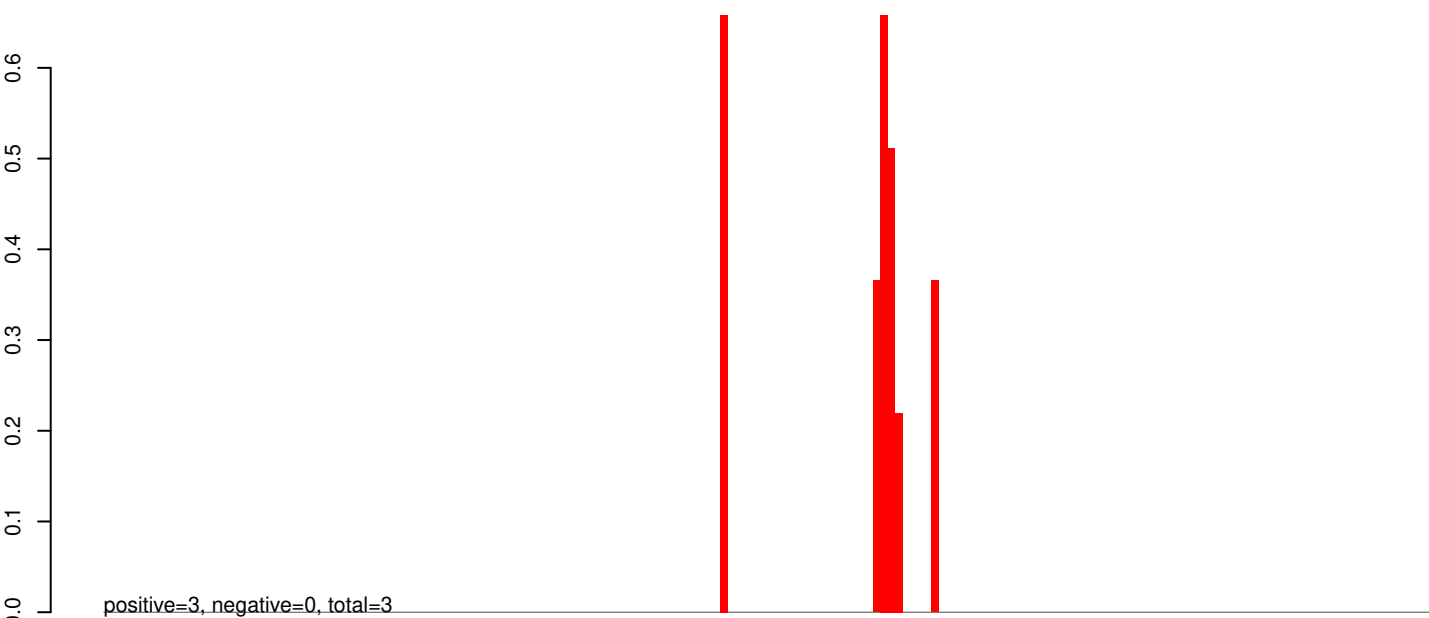
Window size=25, length=5357, TE@Gypsy-87\_AA-LTR-I:1-5357

0 1000 2000 3000 4000 5000

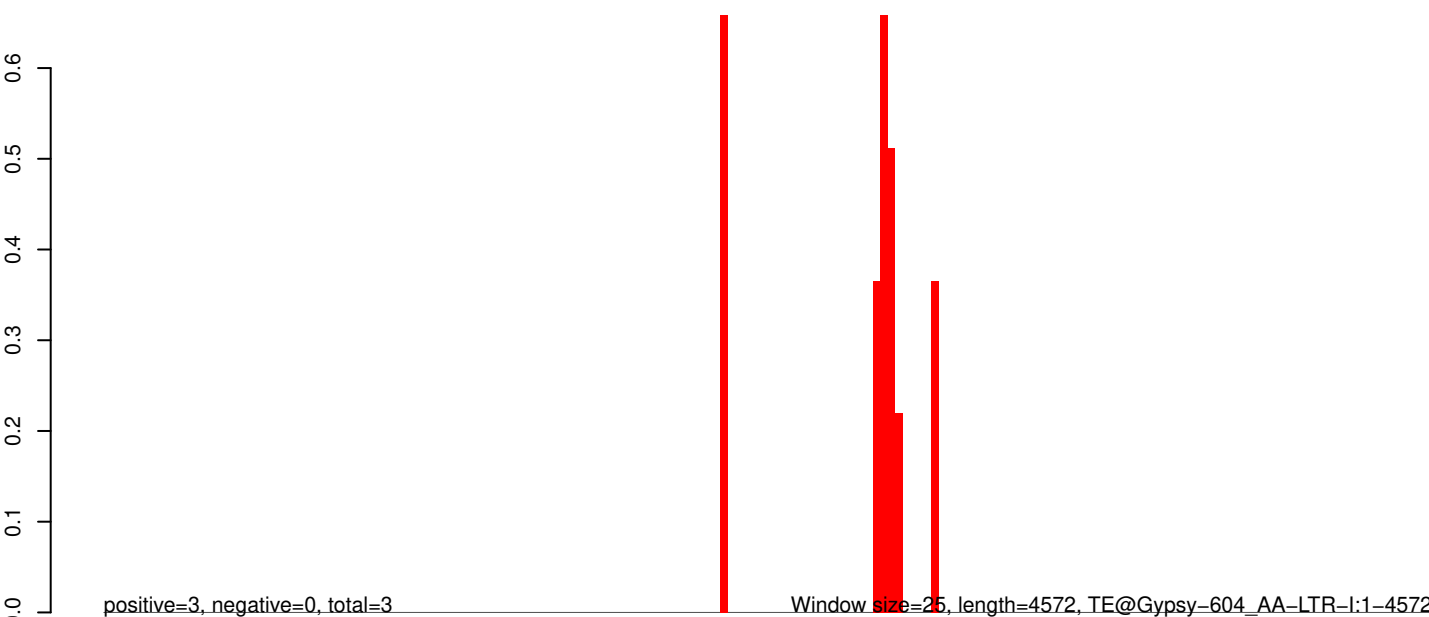
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

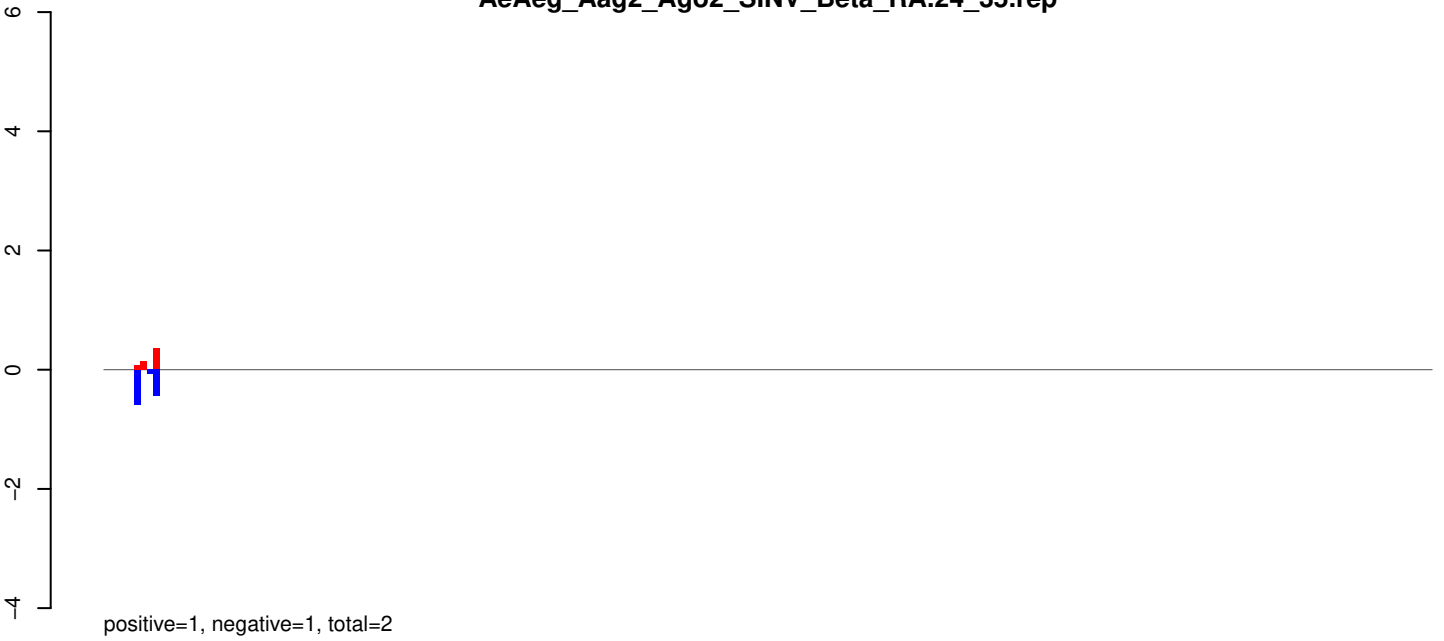


0 1000 2000 3000 4000

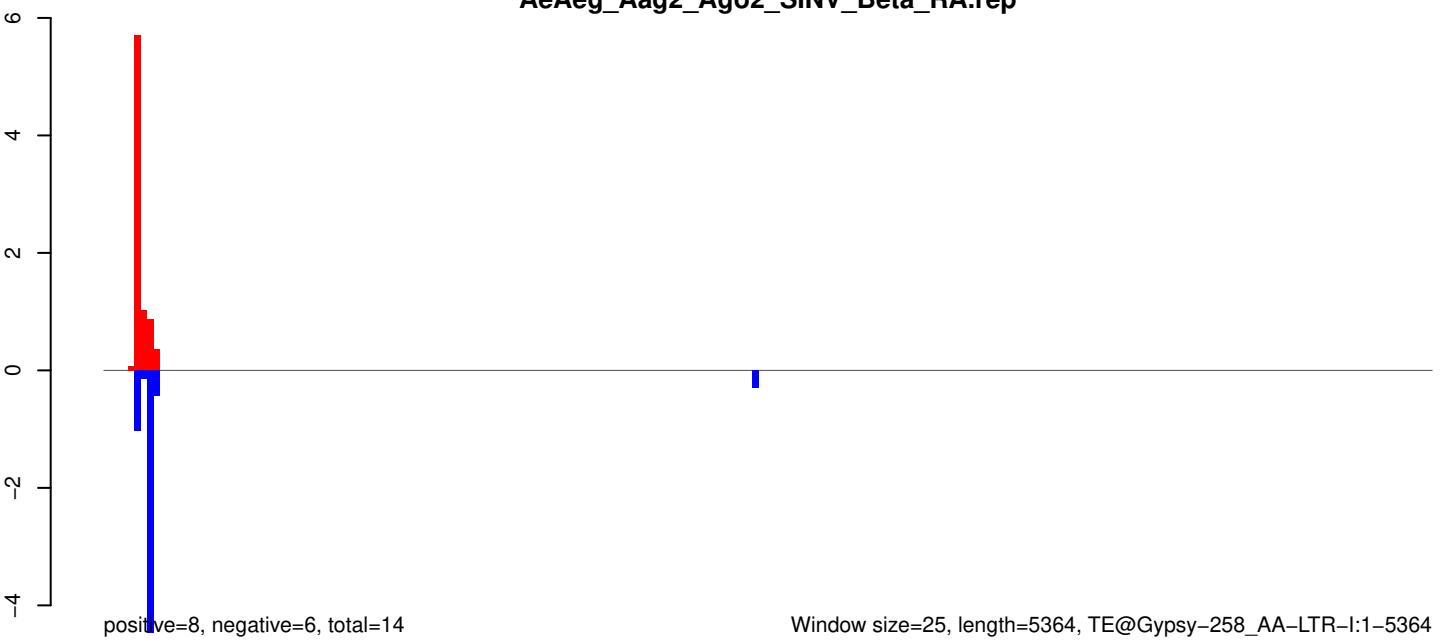
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



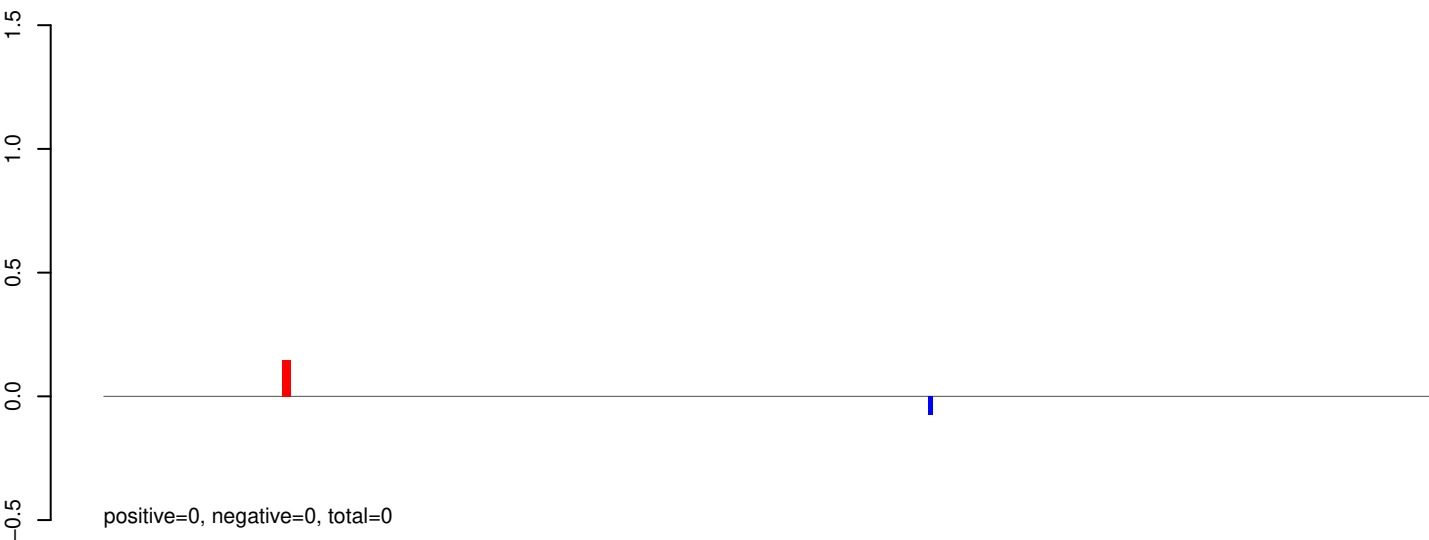
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



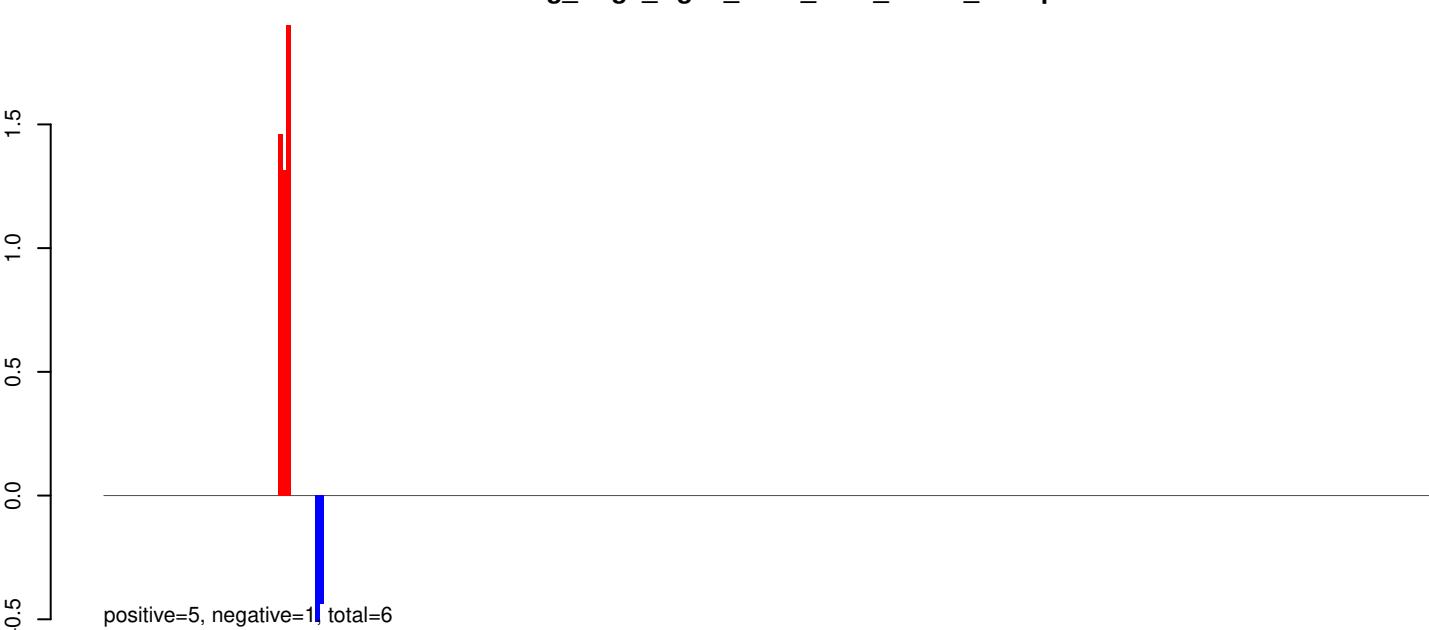
Window size=25, length=5364, TE@Gypsy-258\_AA-LTR-I:1-5364

0 1000 2000 3000 4000 5000

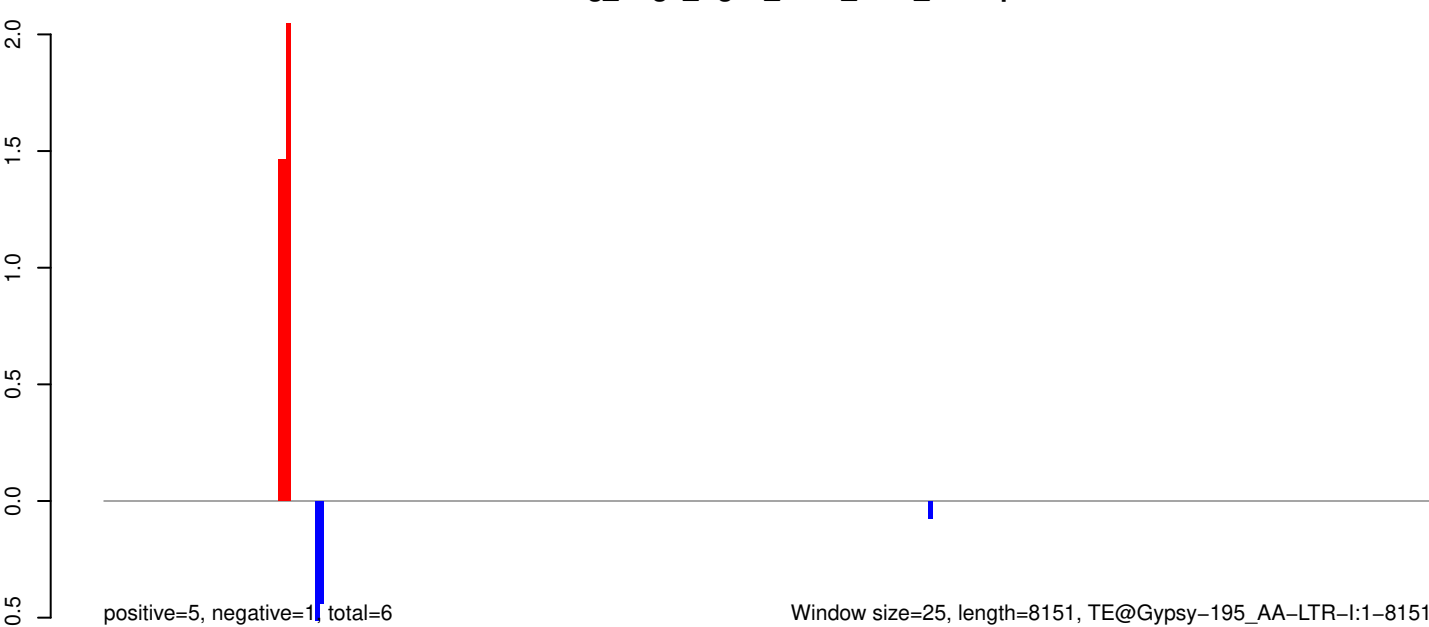
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



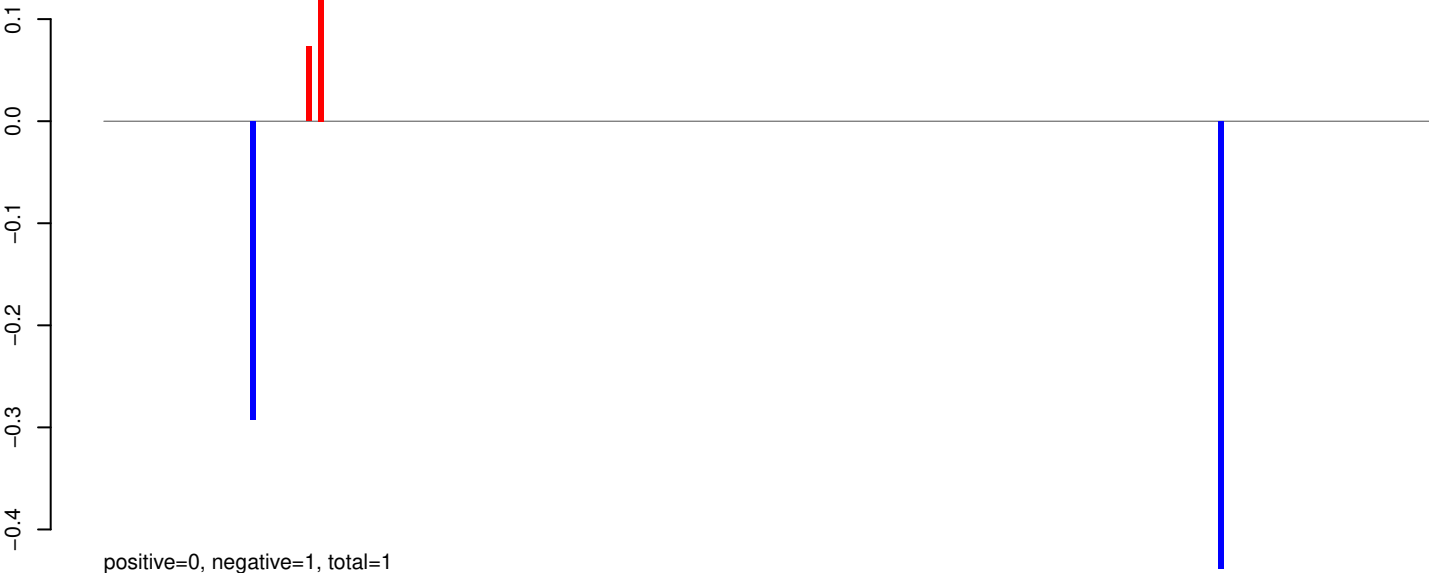
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



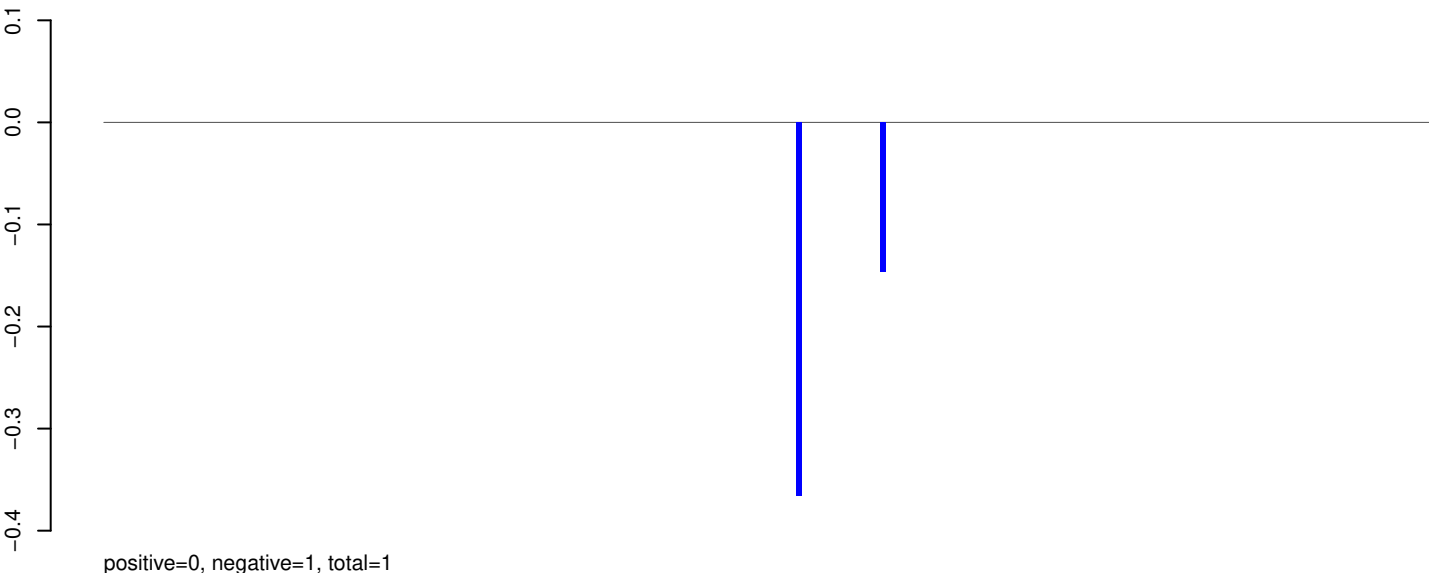
Window size=25, length=8151, TE@Gypsy-195\_AA-LTR-I:1-8151

0 2000 4000 6000 8000

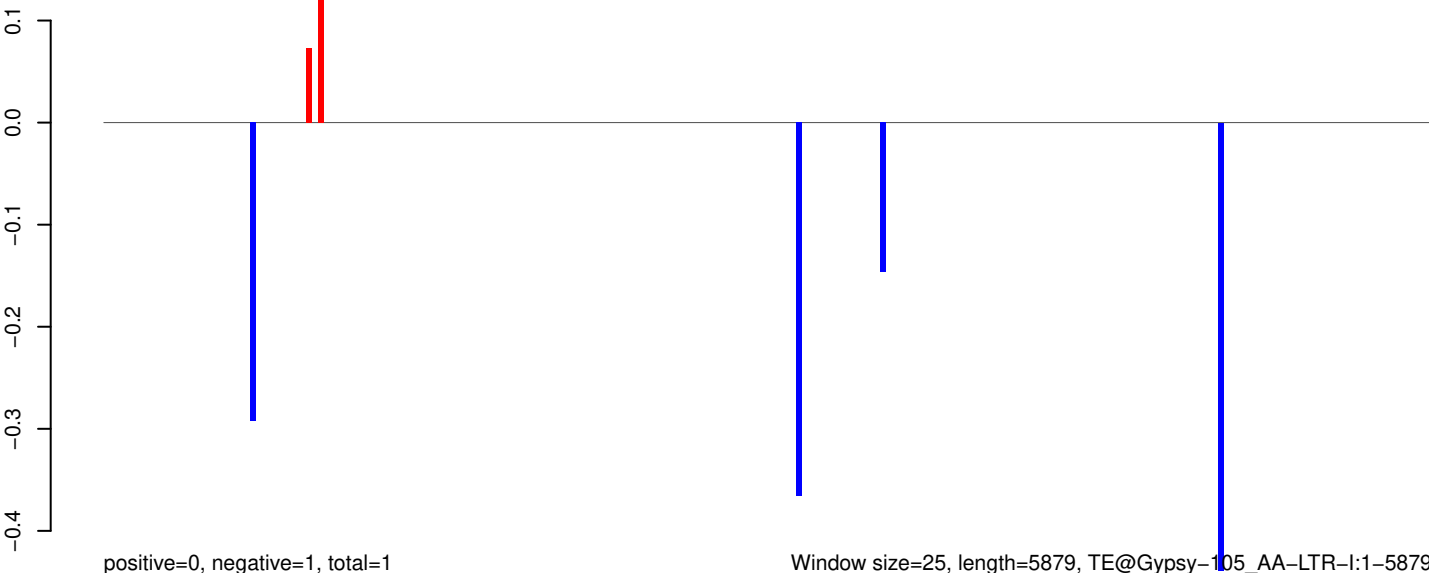
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=5879, TE@Gypsy-105\_AA-LTR-I:1-5879

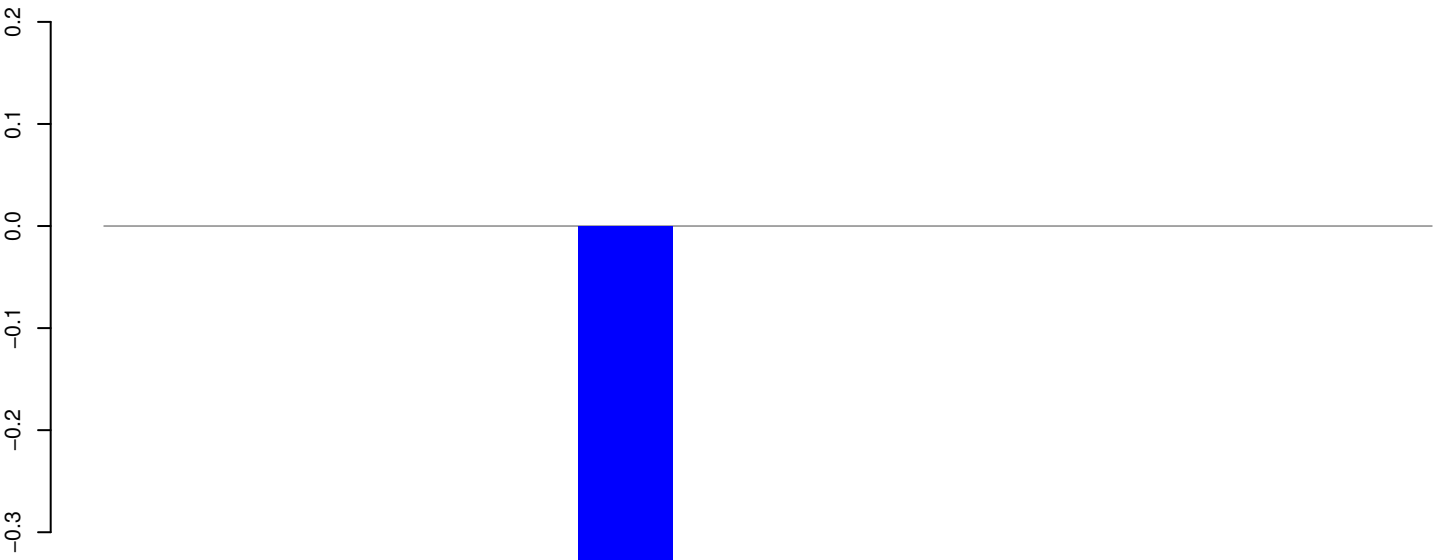
0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



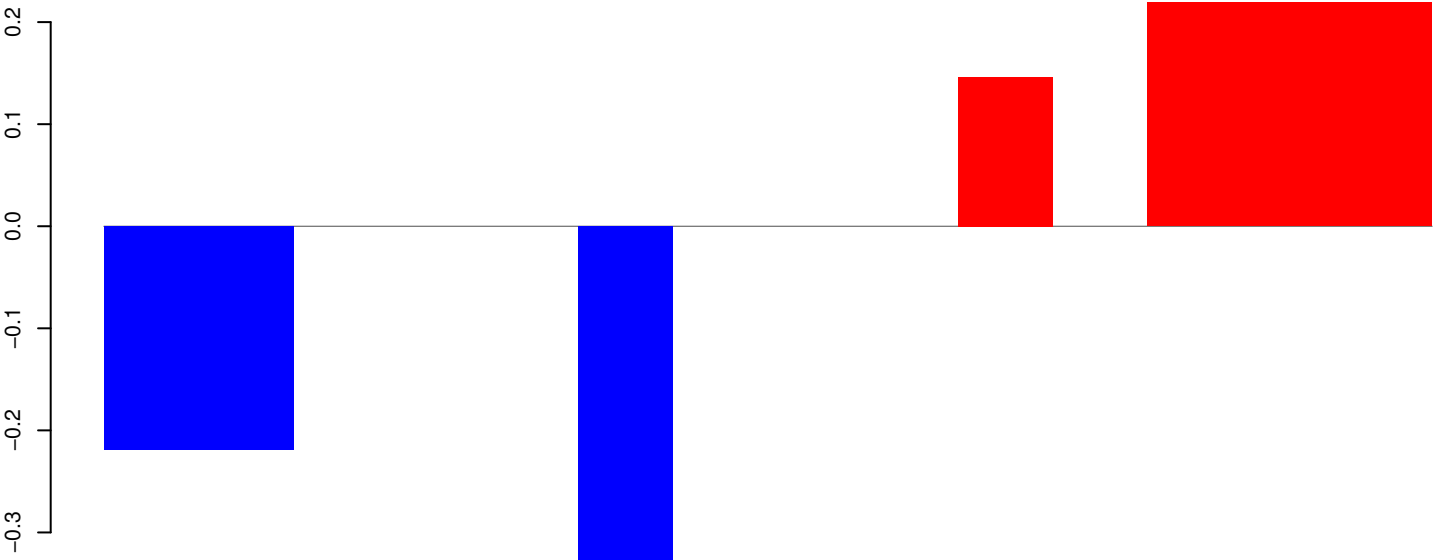
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

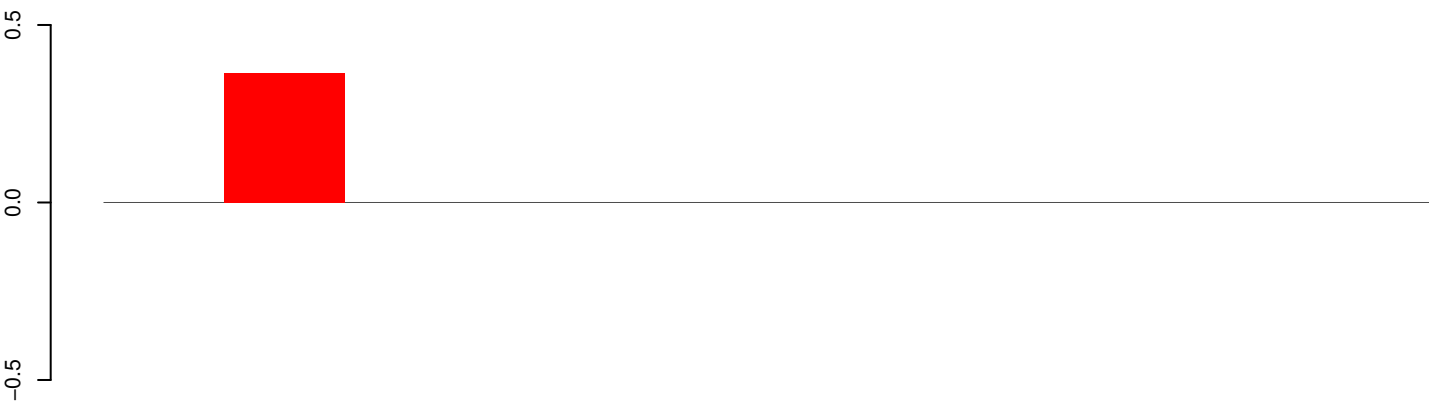


positive=1, negative=1, total=2

Window size=25, length=343, TE@DNA5-2\_AAe:1-343

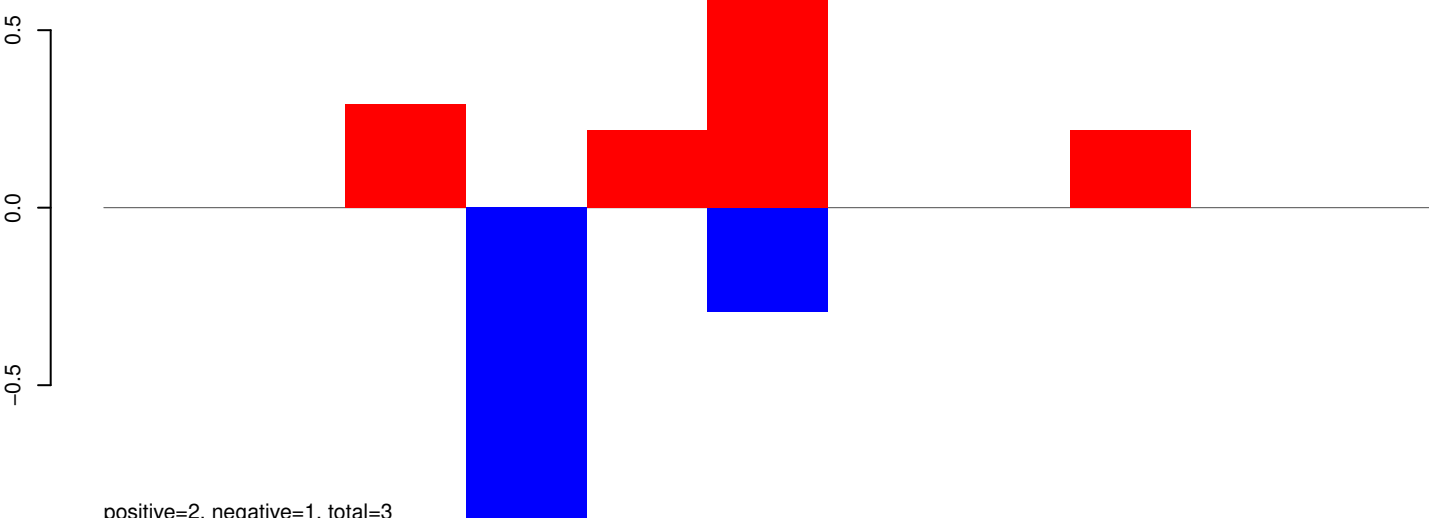
50 100 150 200 250 300 350

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



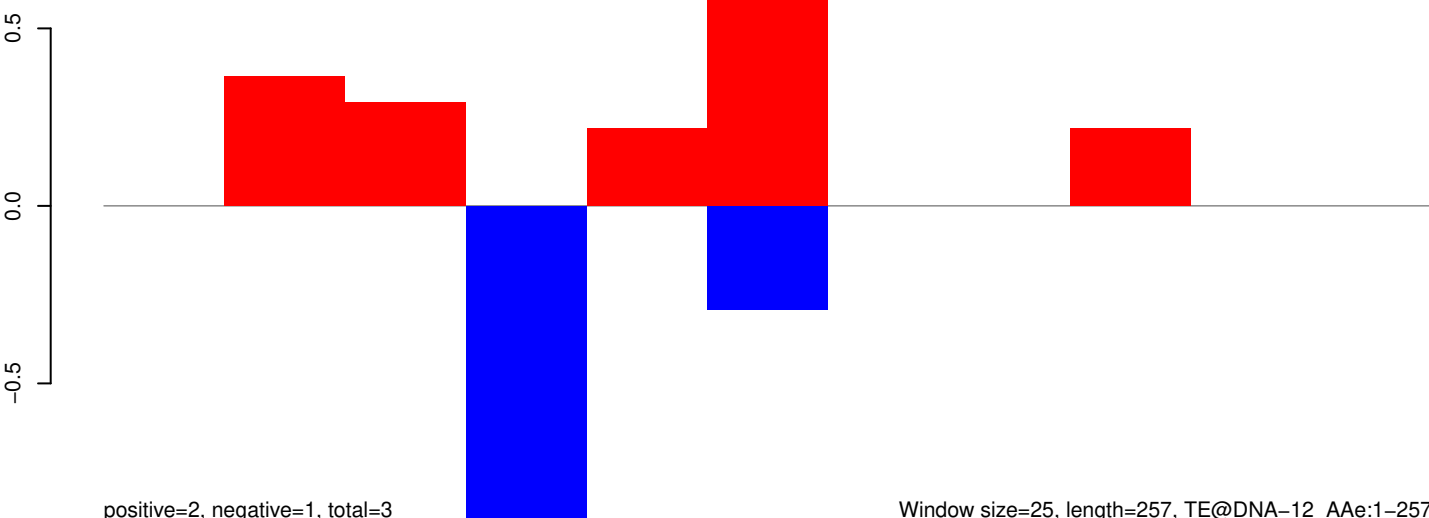
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=2, negative=1, total=3

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



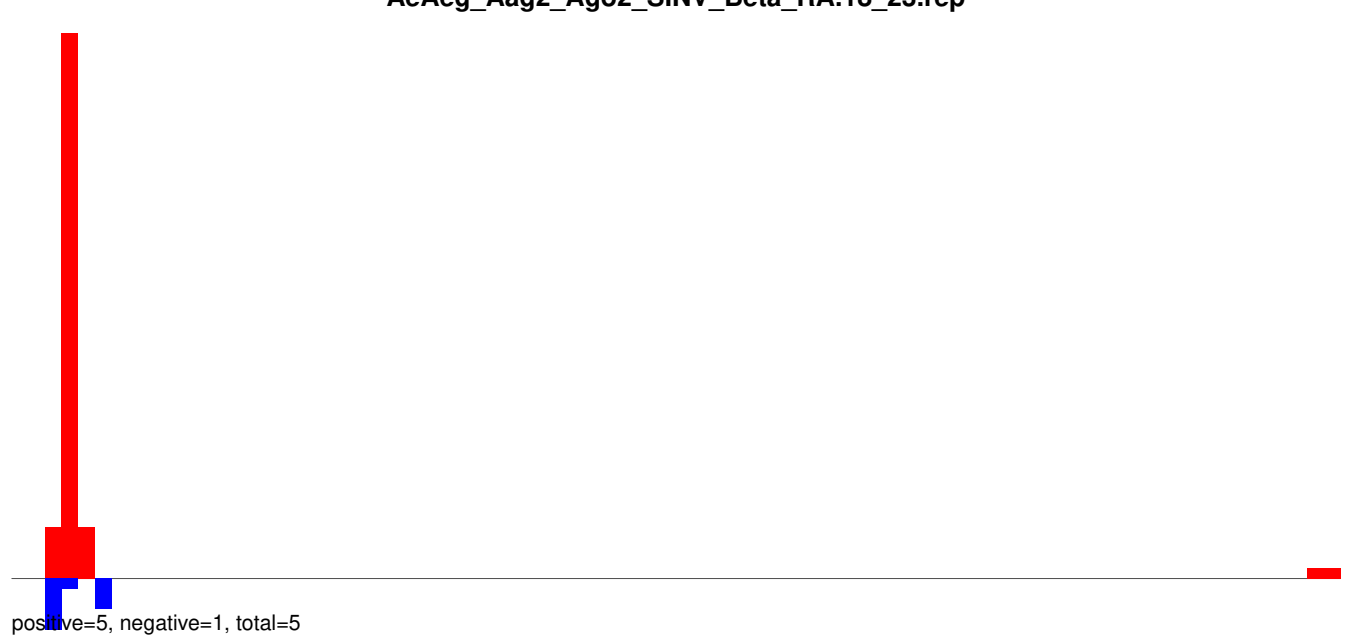
positive=2, negative=1, total=3

Window size=25, length=257, TE@DNA-12\_AAe:1-257

50 100 150 200 250 300



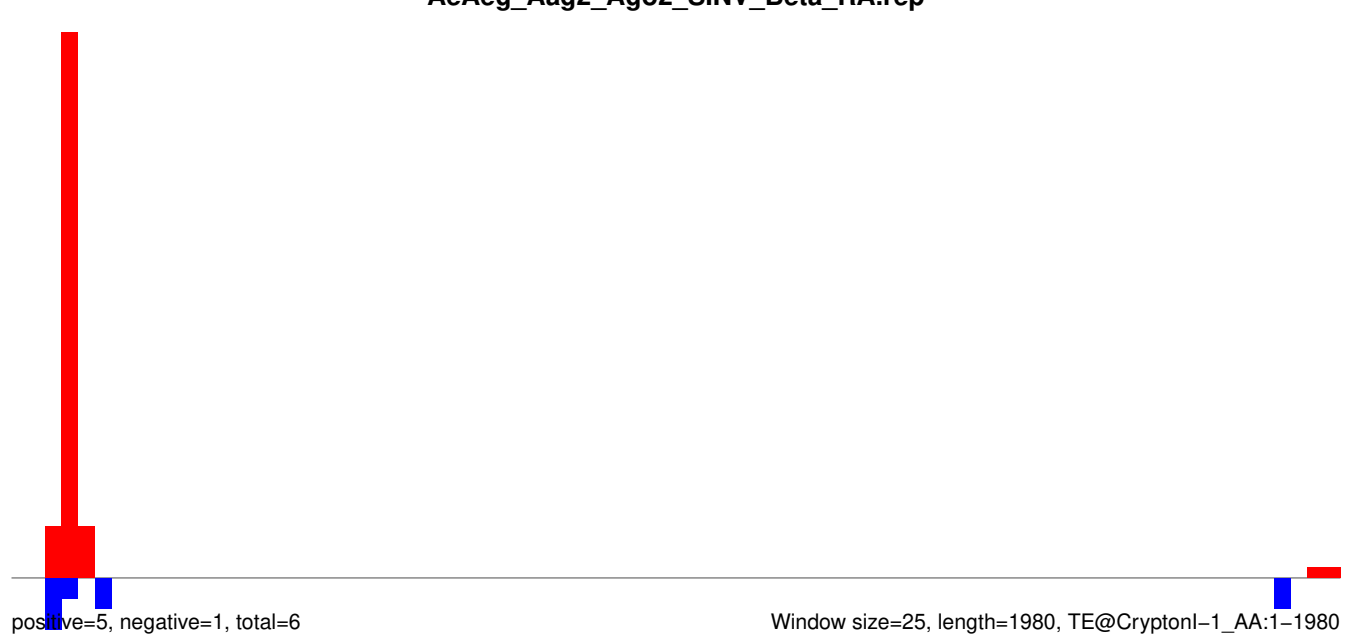
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



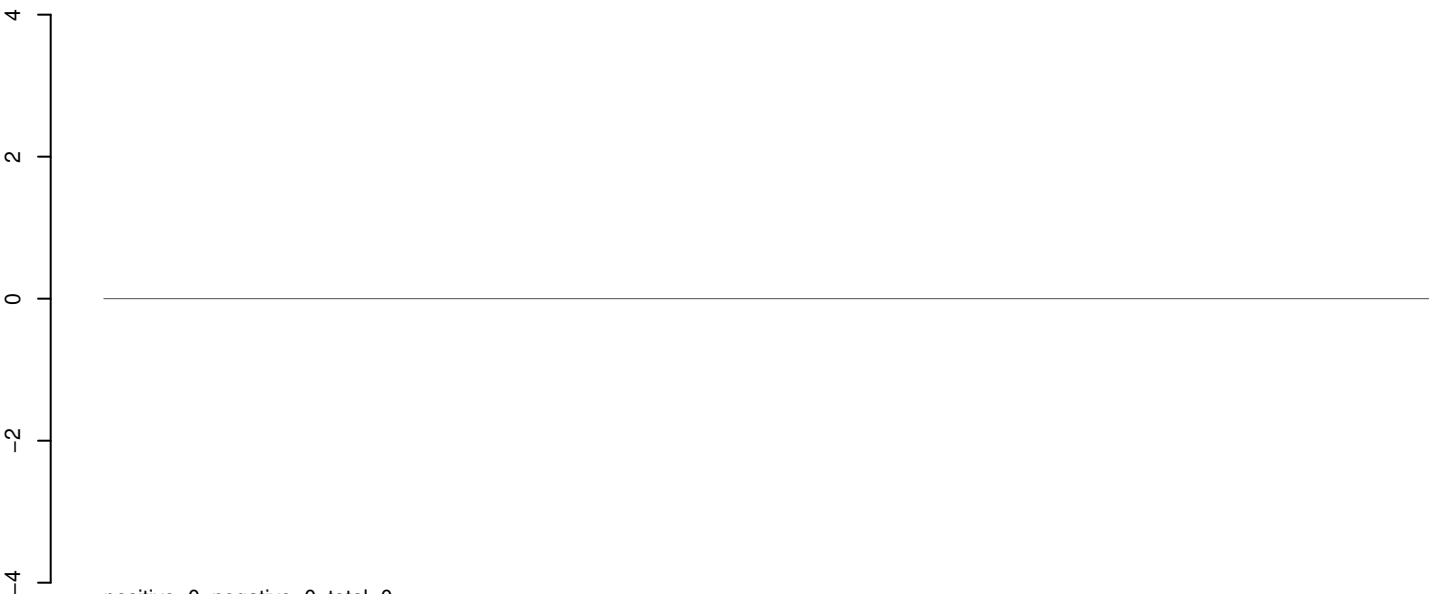
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

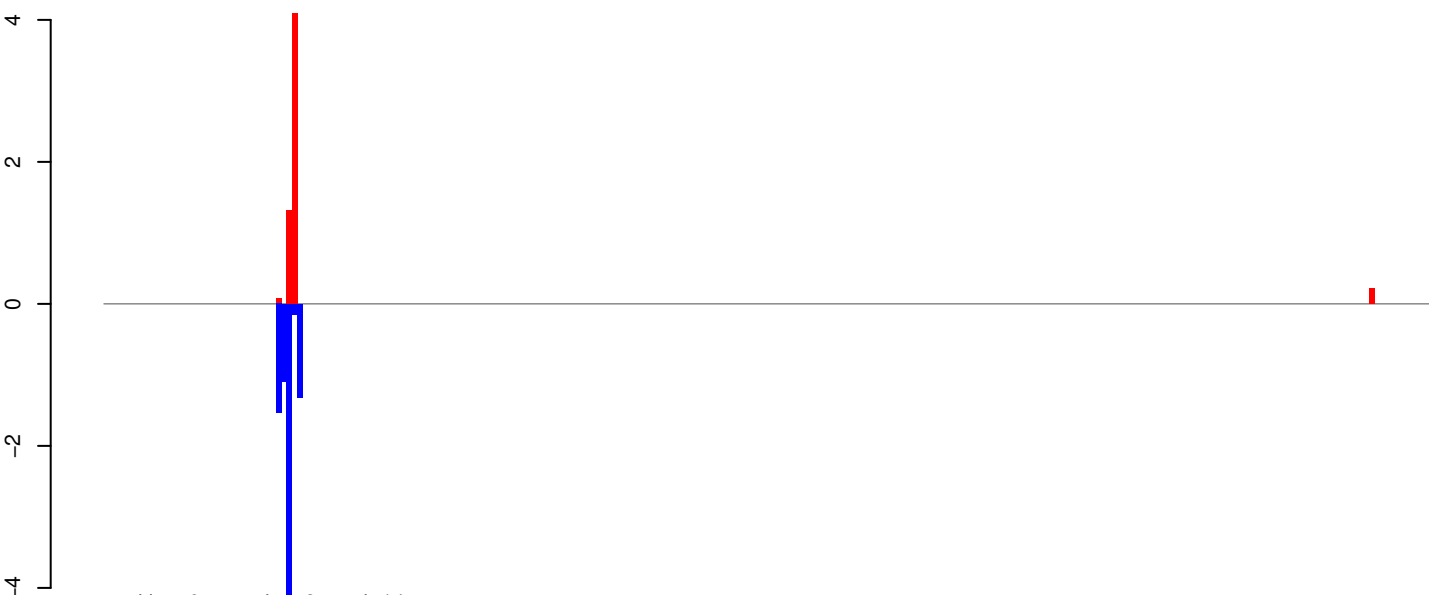


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



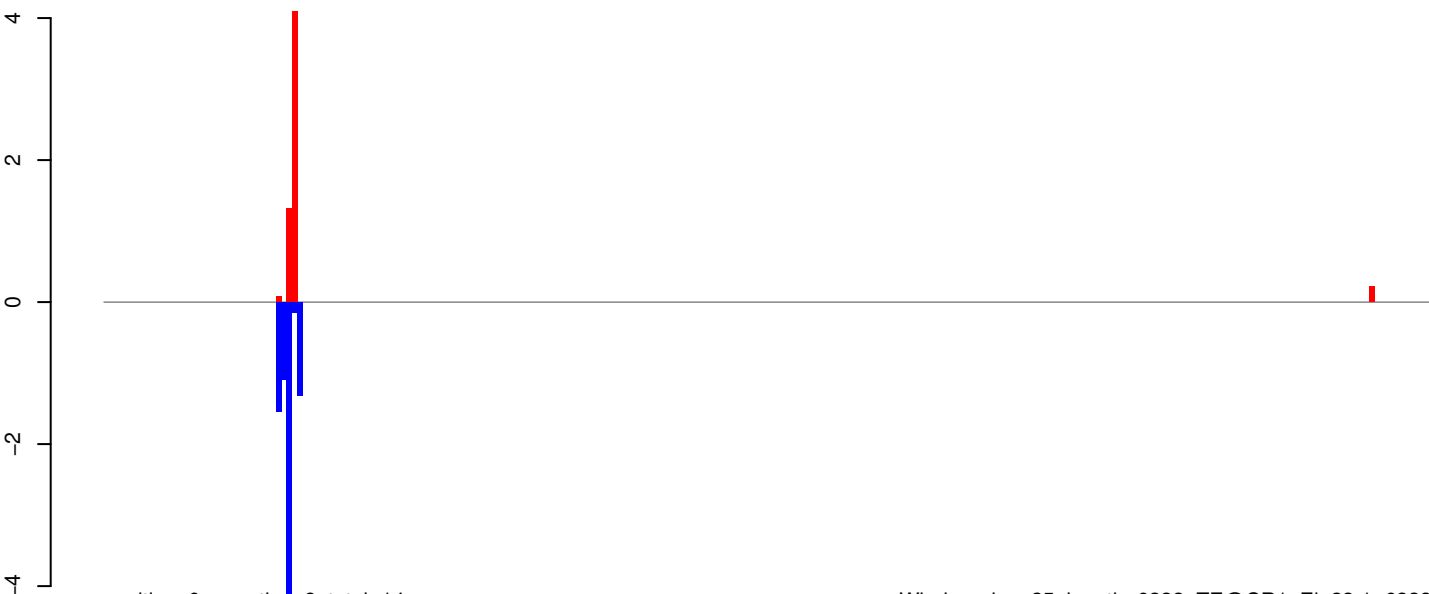
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=6, negative=8, total=14

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

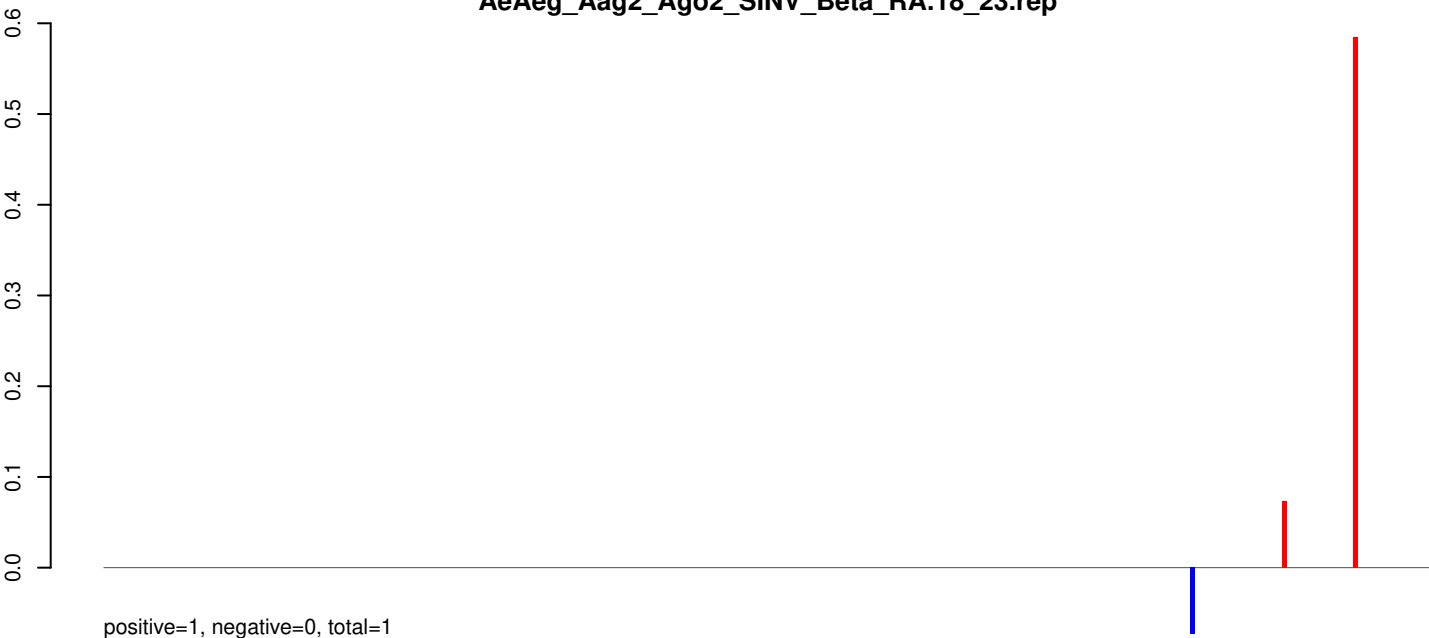


positive=6, negative=8, total=14

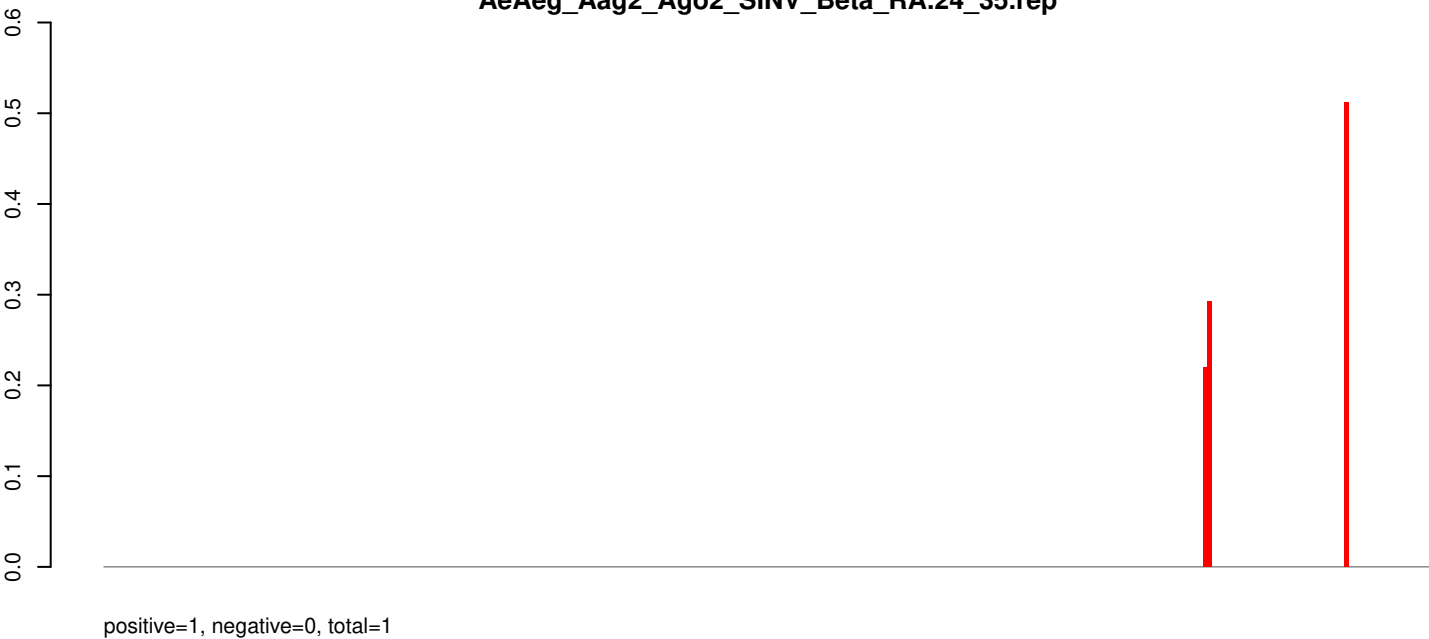
Window size=25, length=6333, TE@CR1\_Ele23:1-6333

0 1000 2000 3000 4000 5000 6000

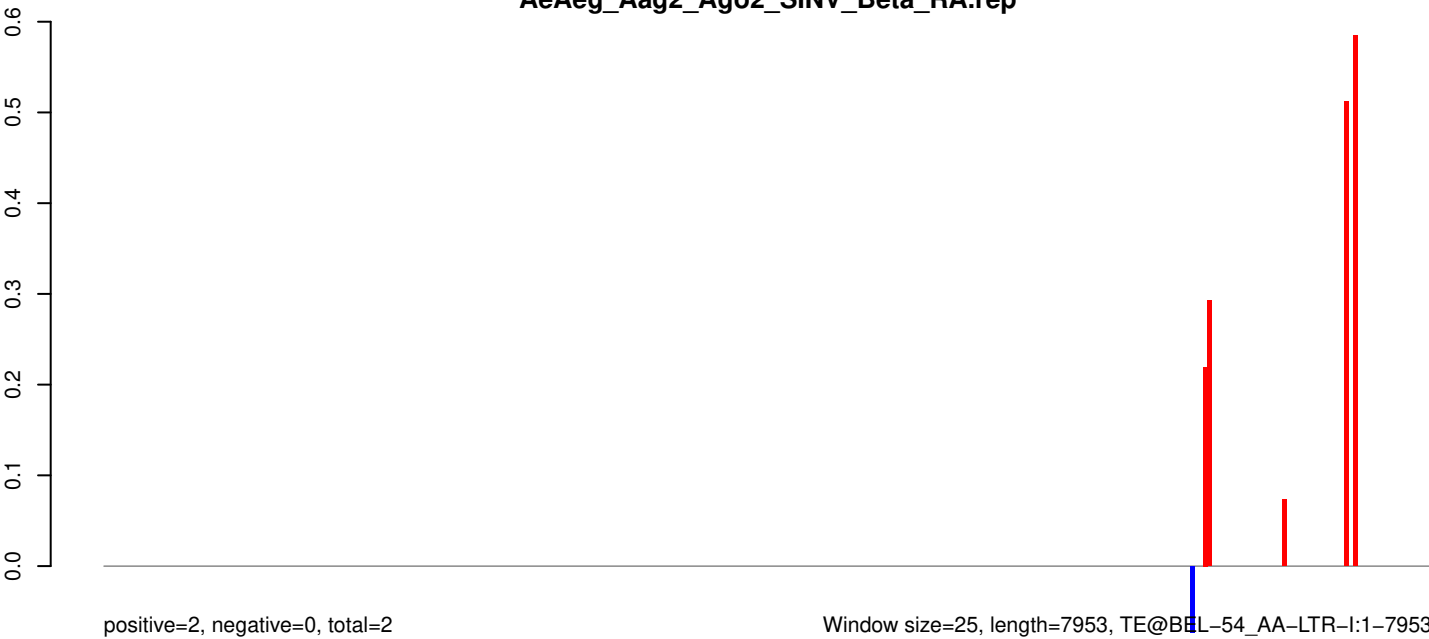
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



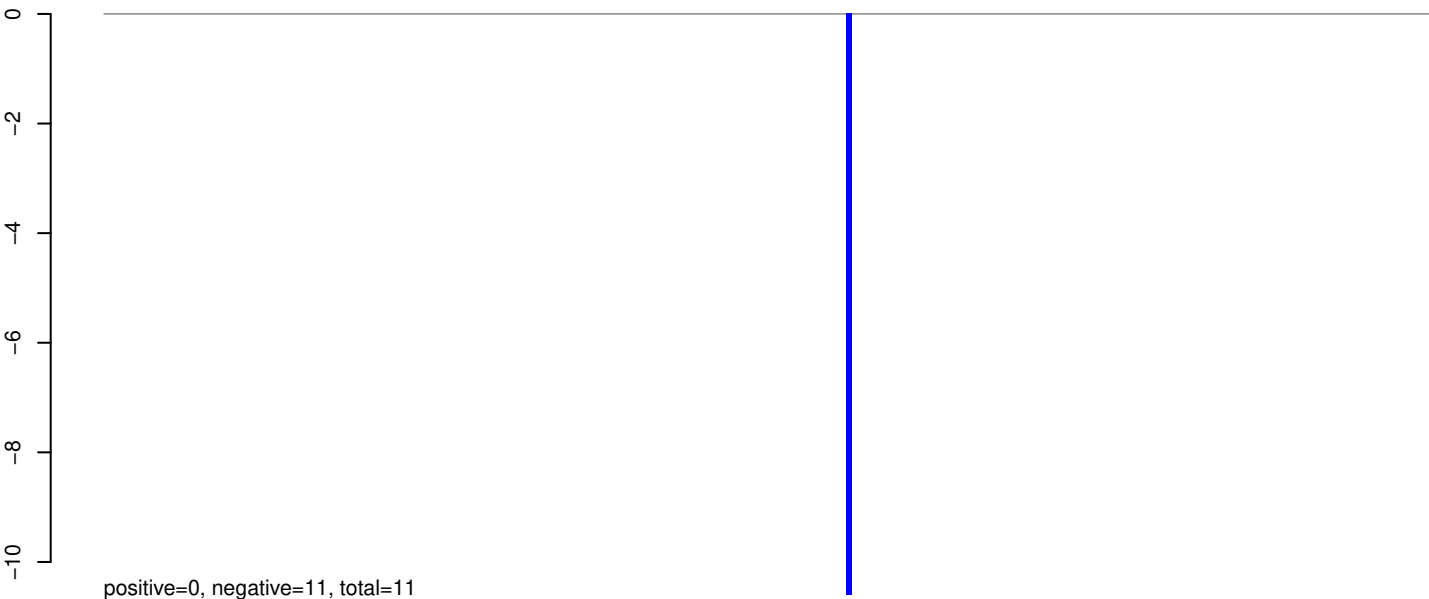
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



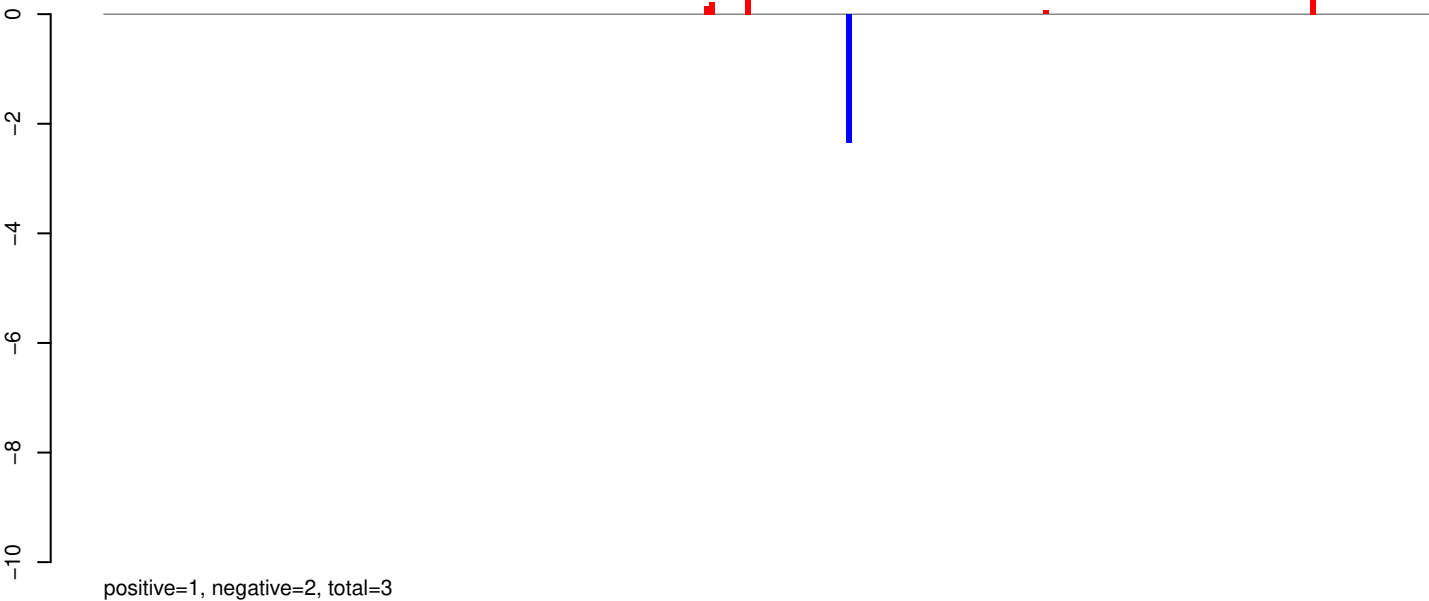
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



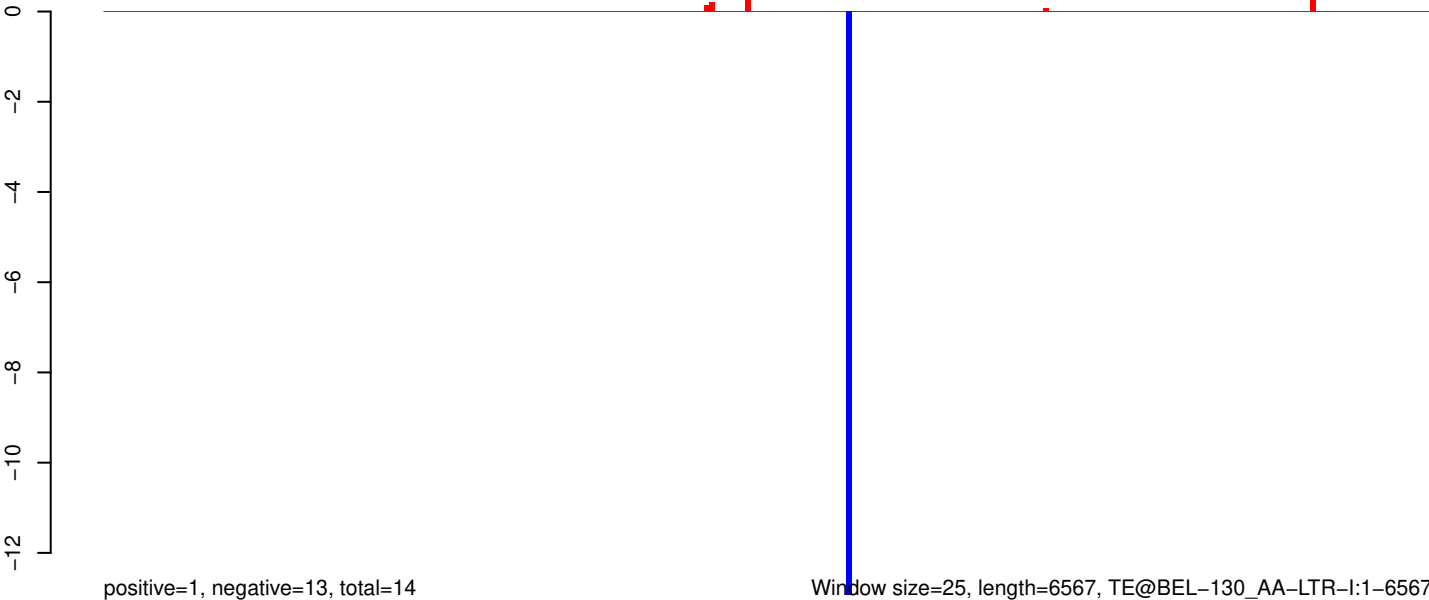
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



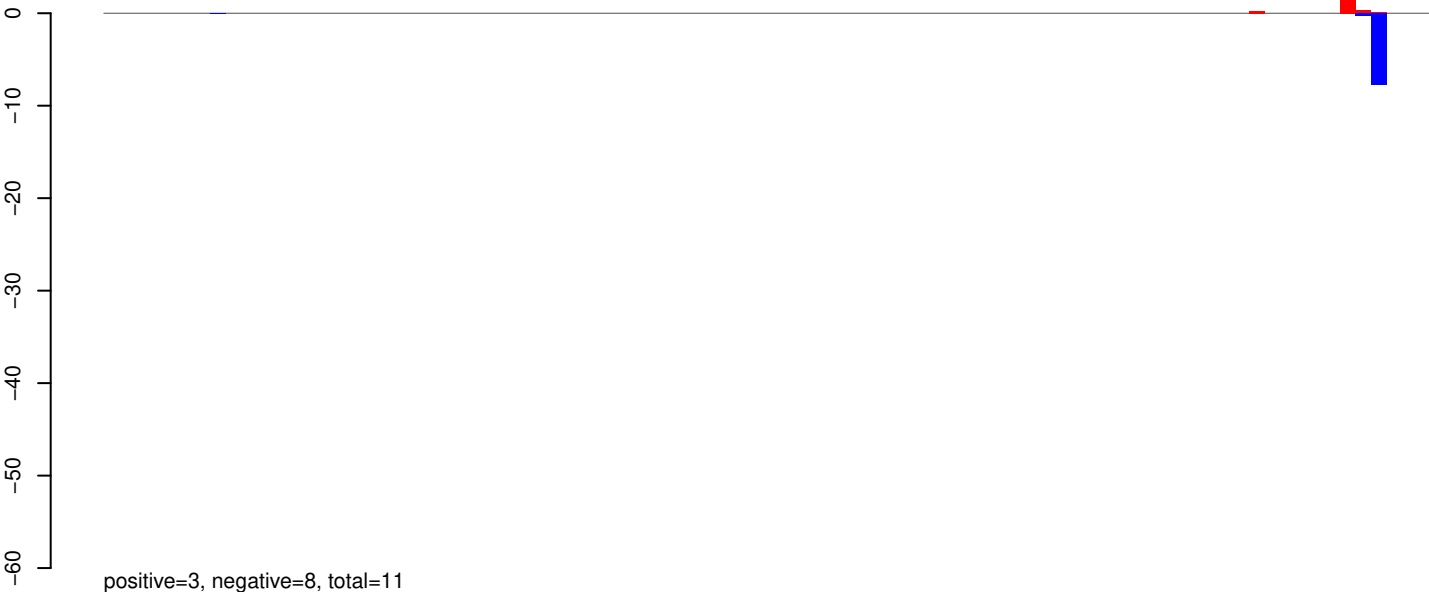
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



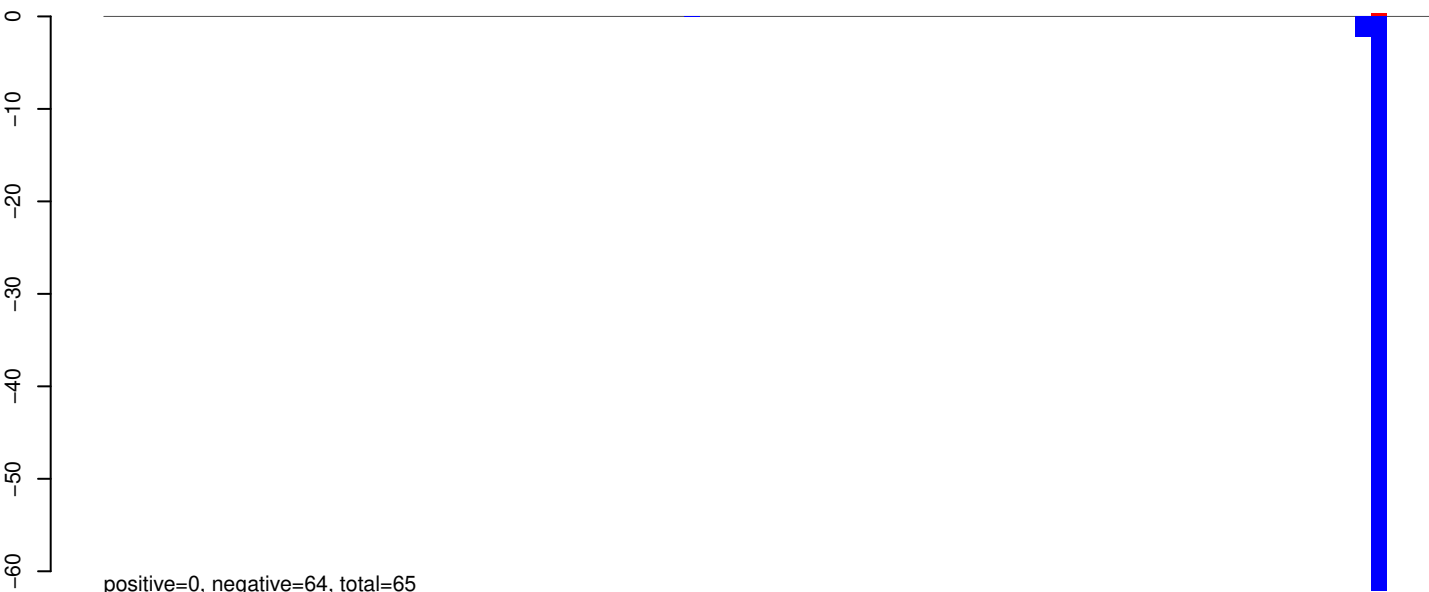
Window size=25, length=6567, TE@BEL-130\_AA-LTR-I:1-6567

0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



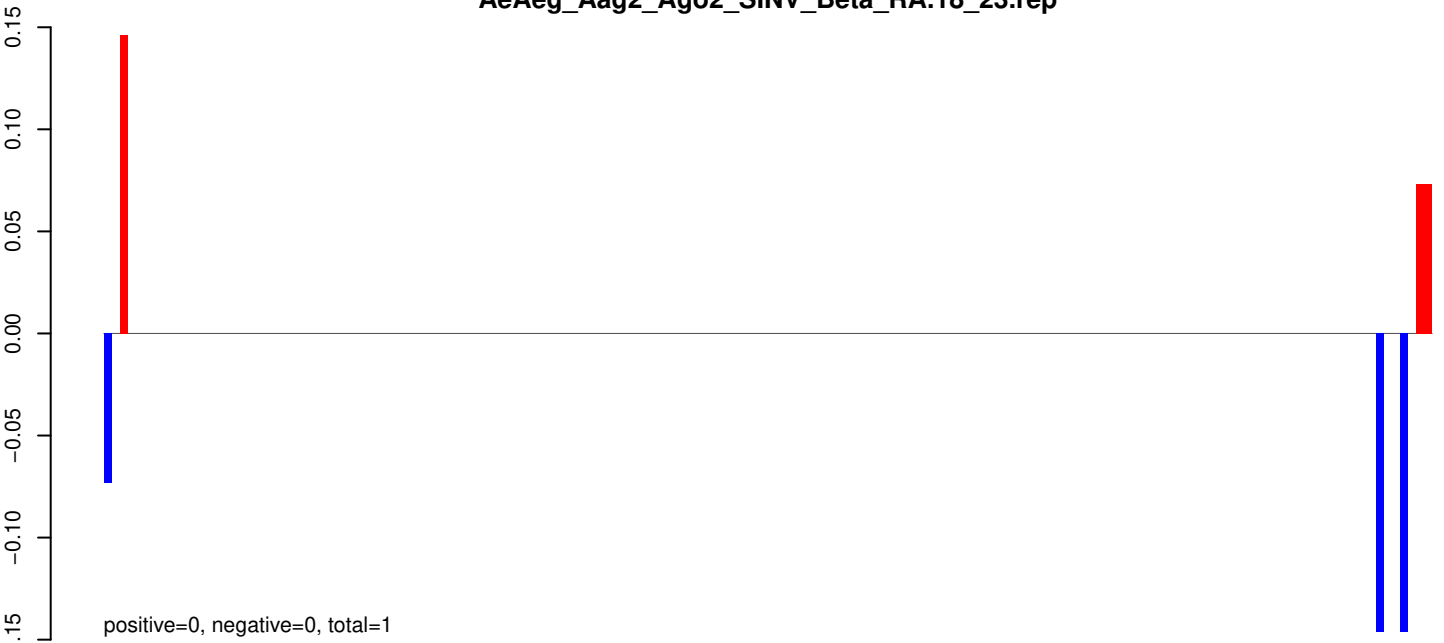
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



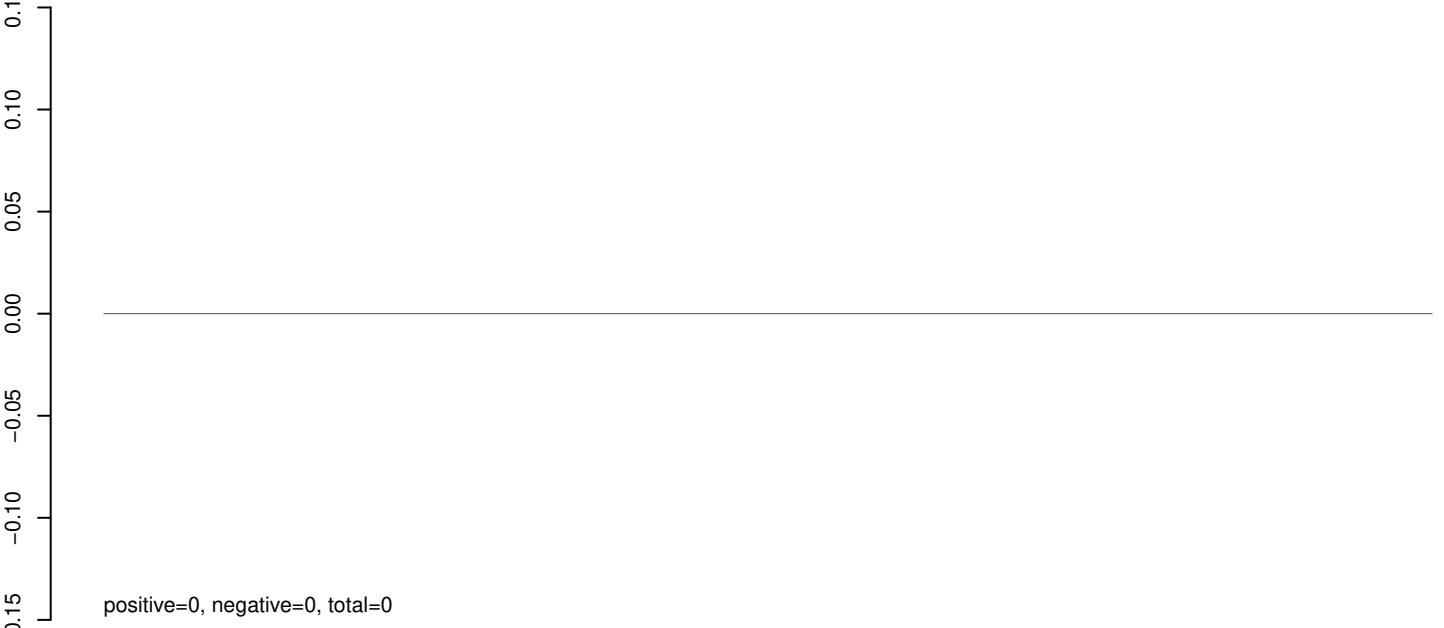
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



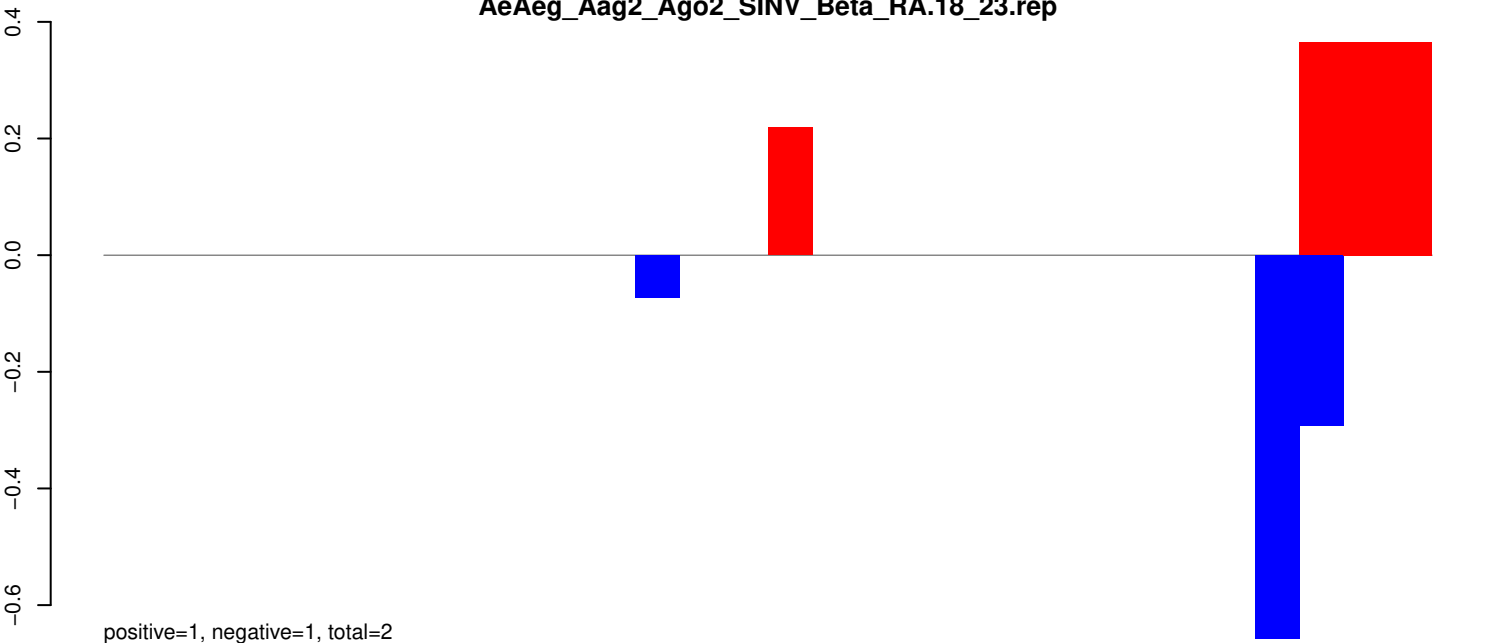
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



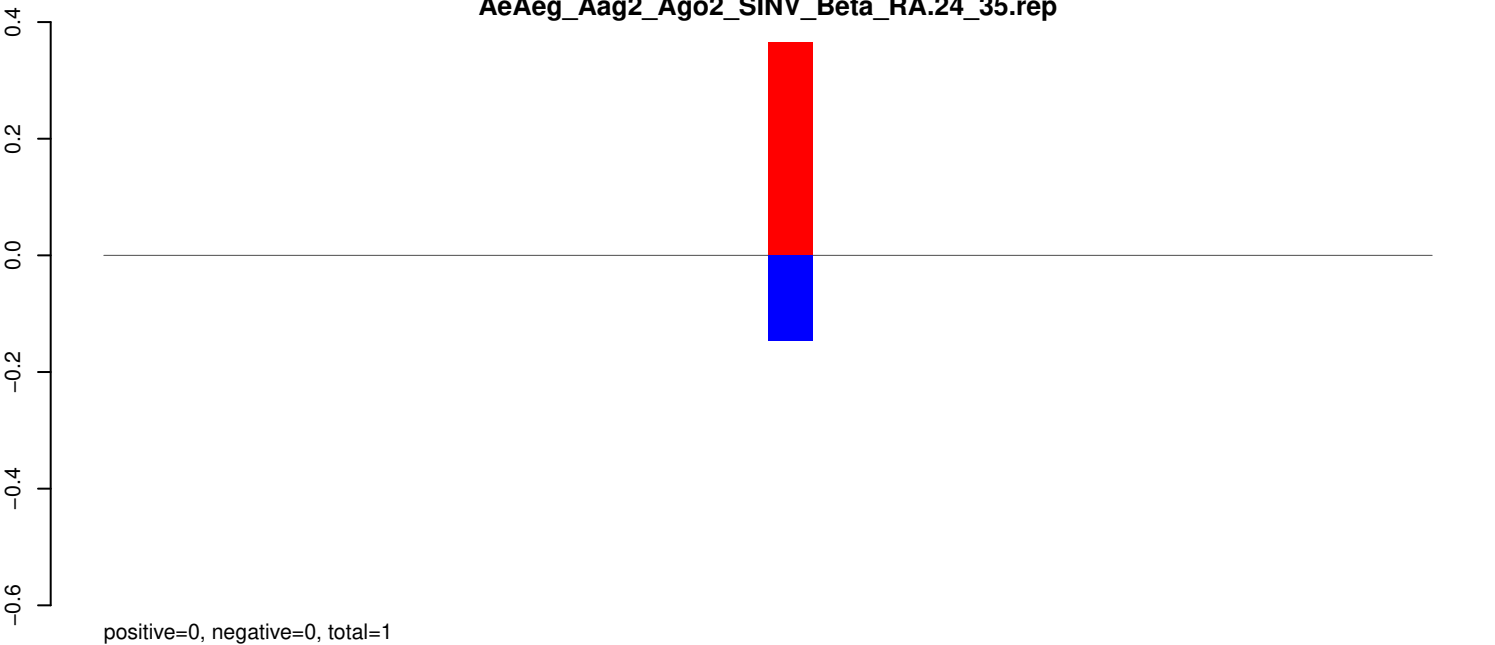
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



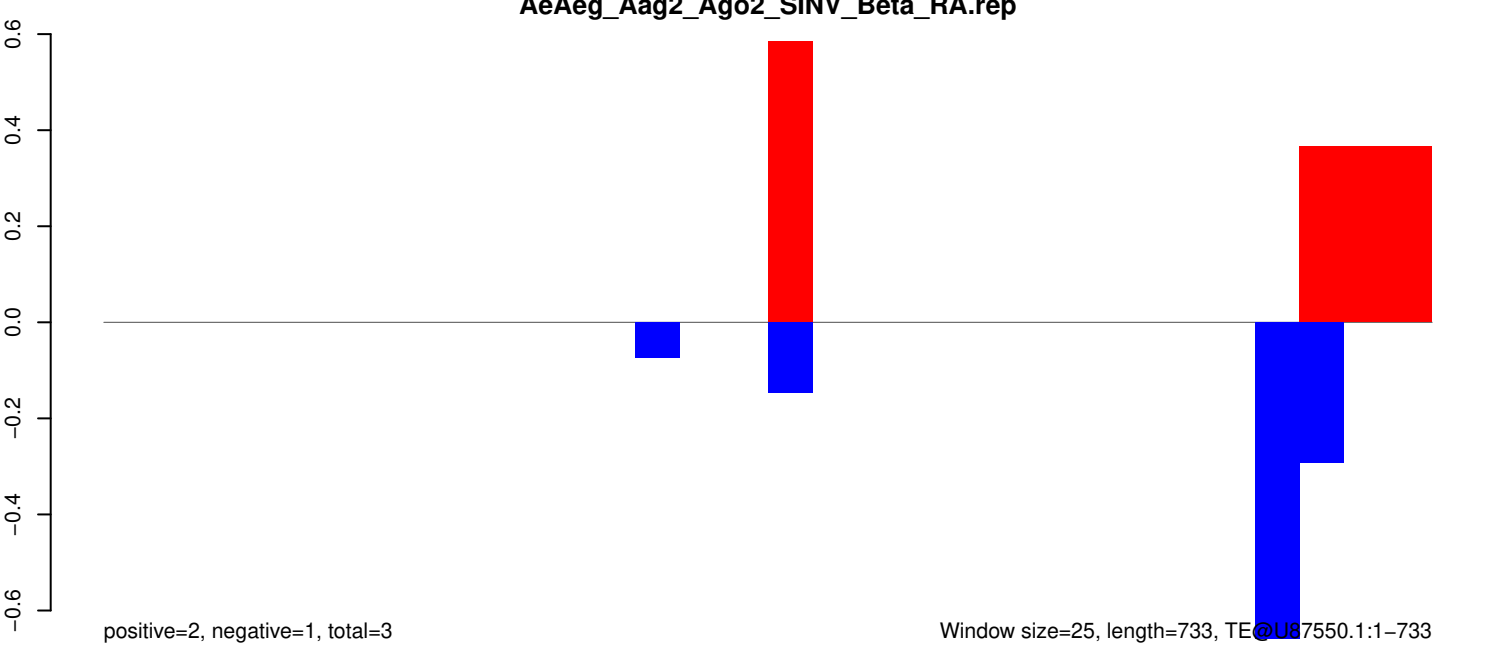
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

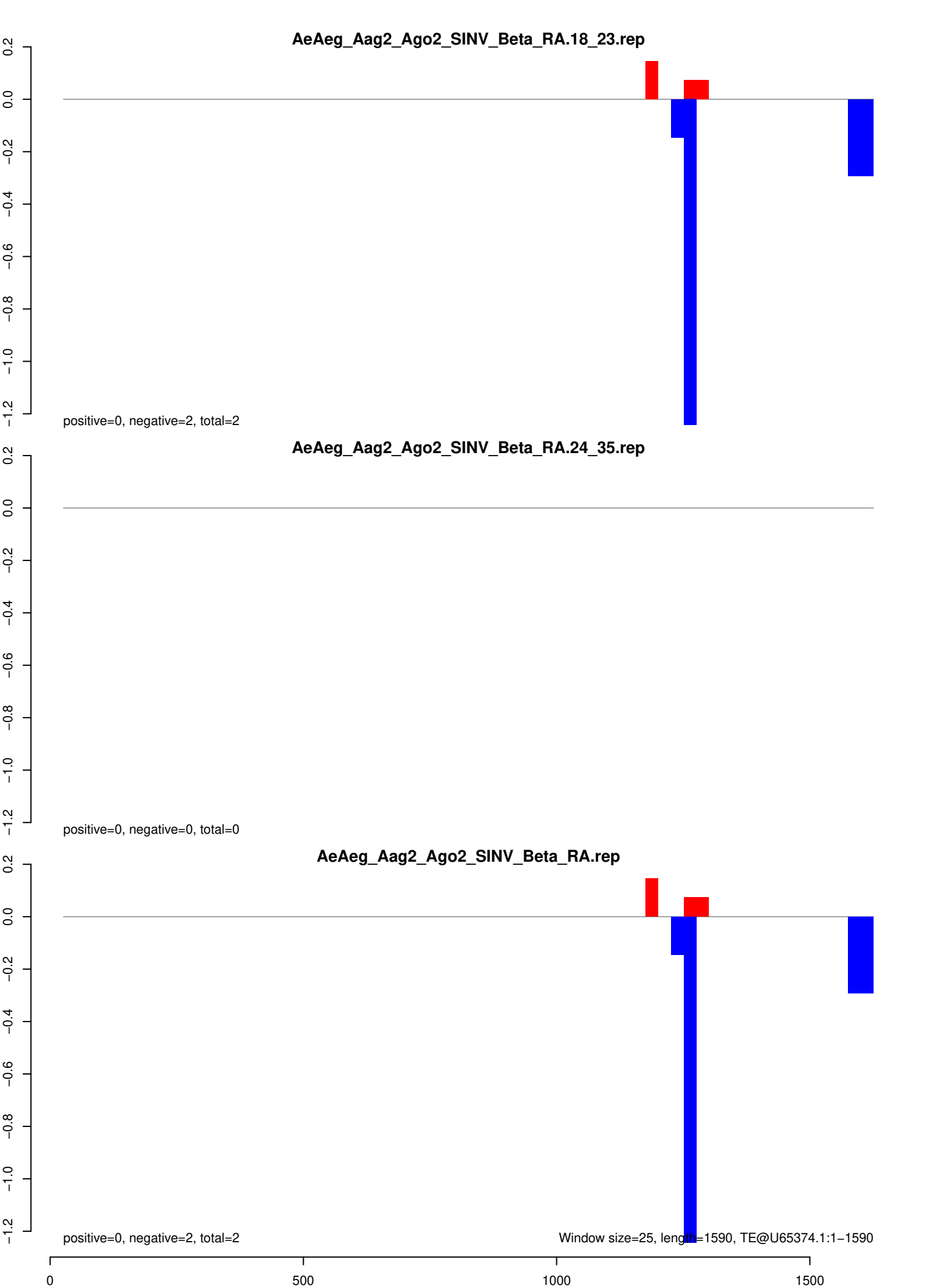


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



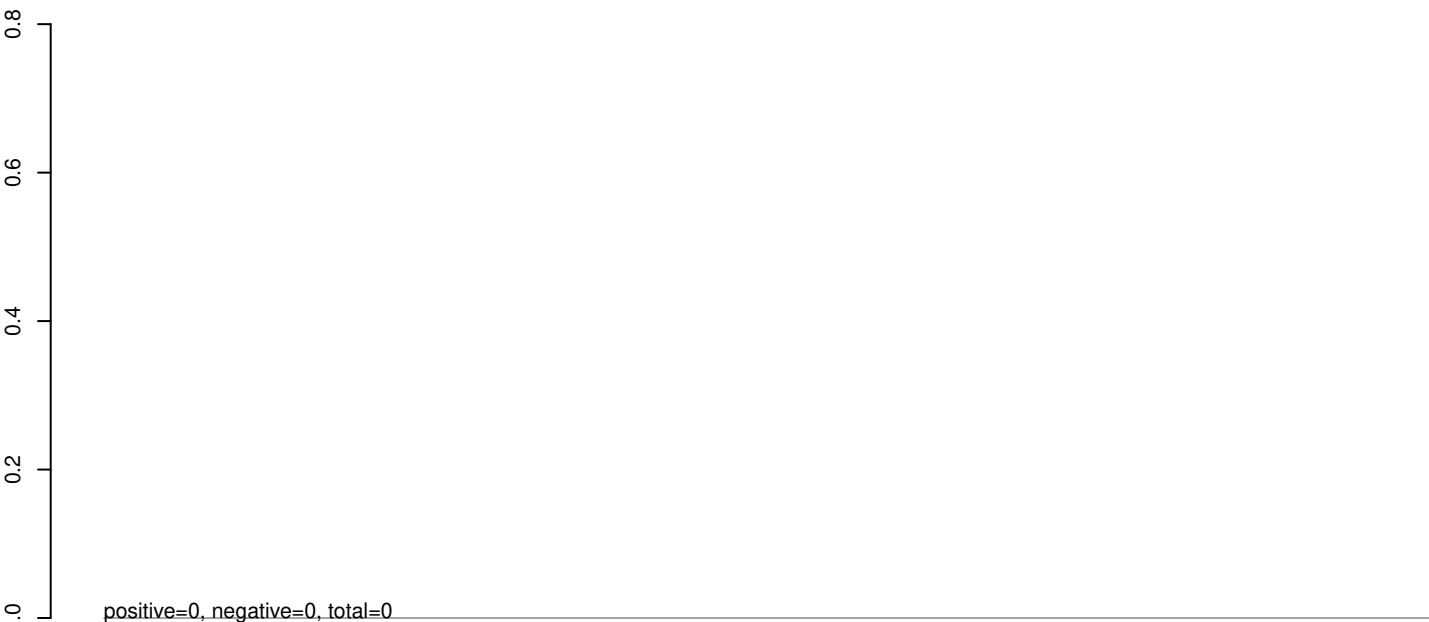
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



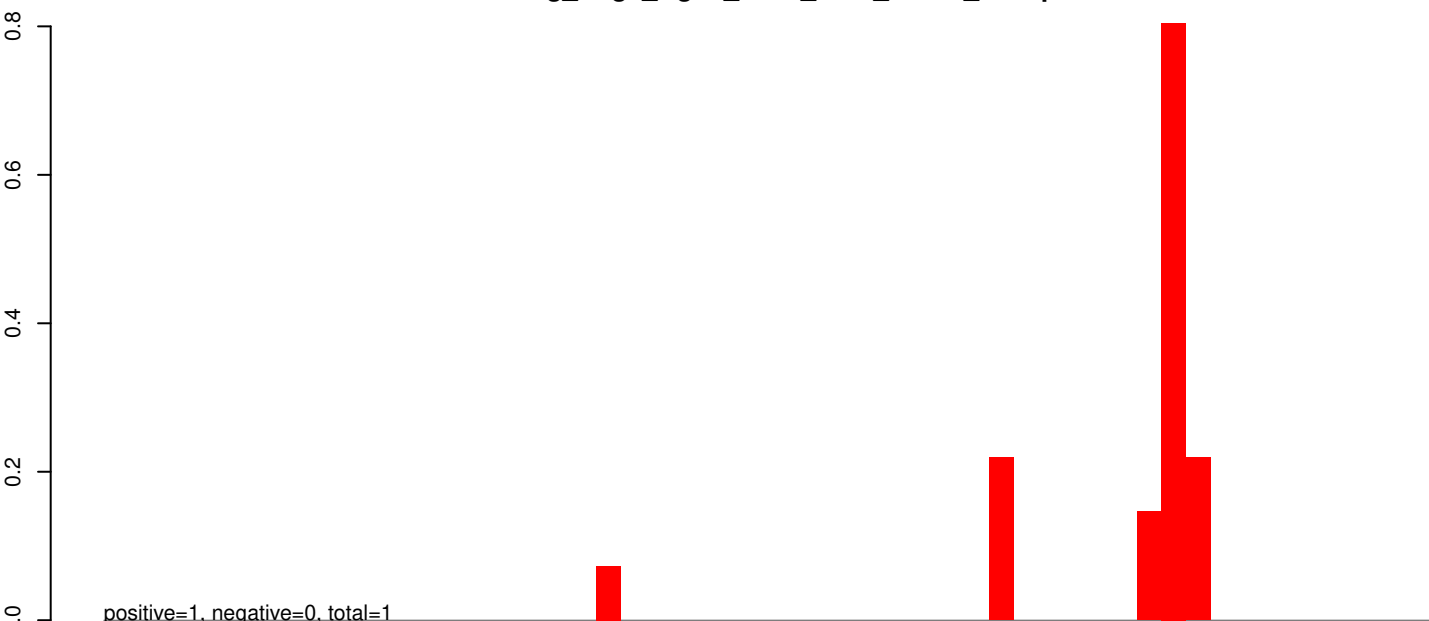




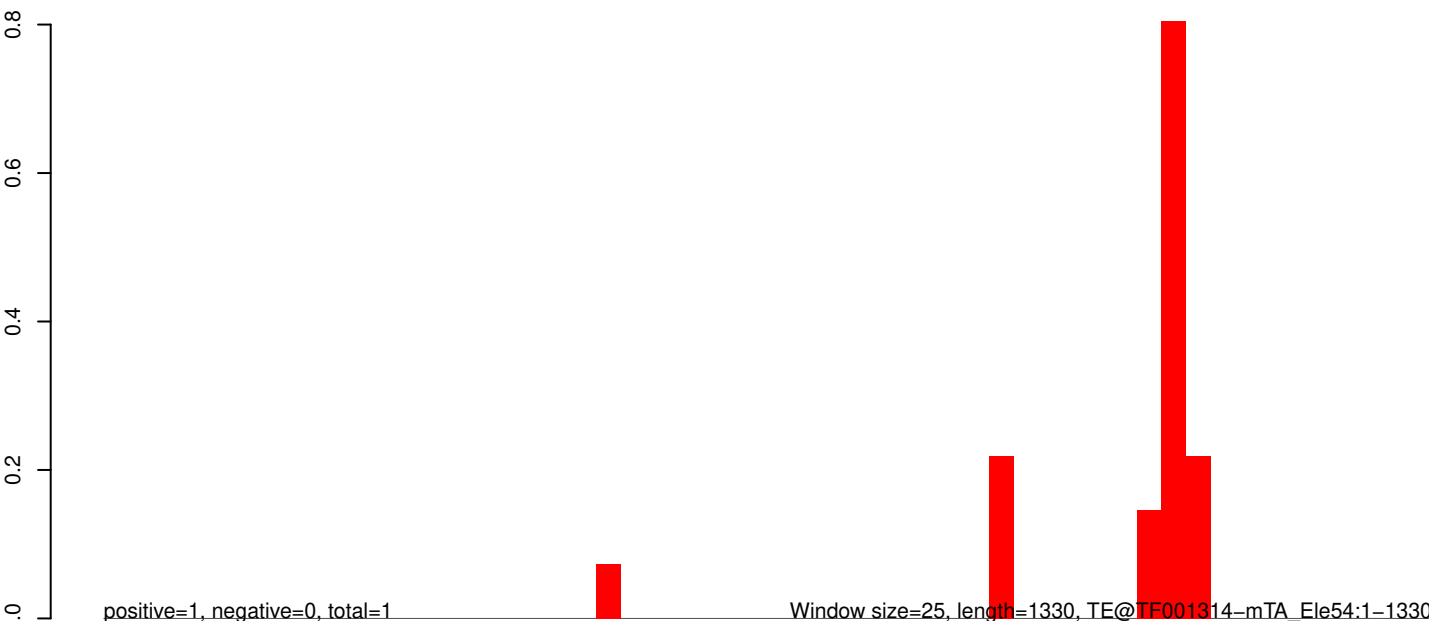
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

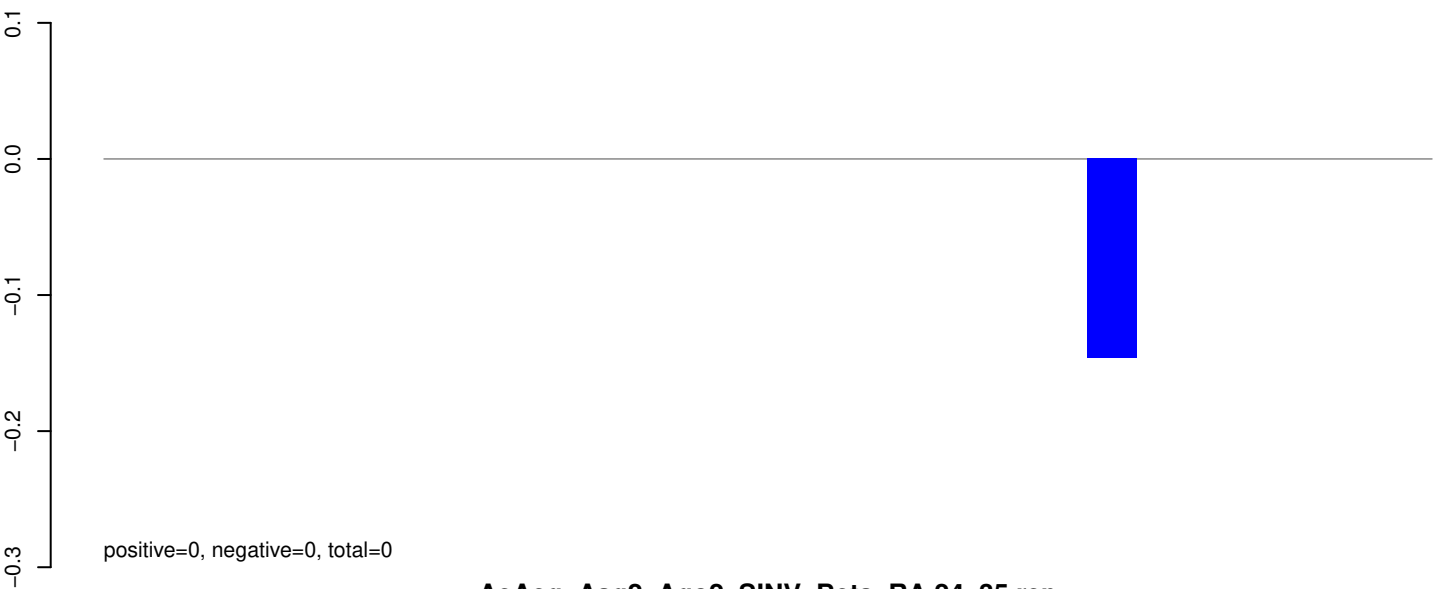


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

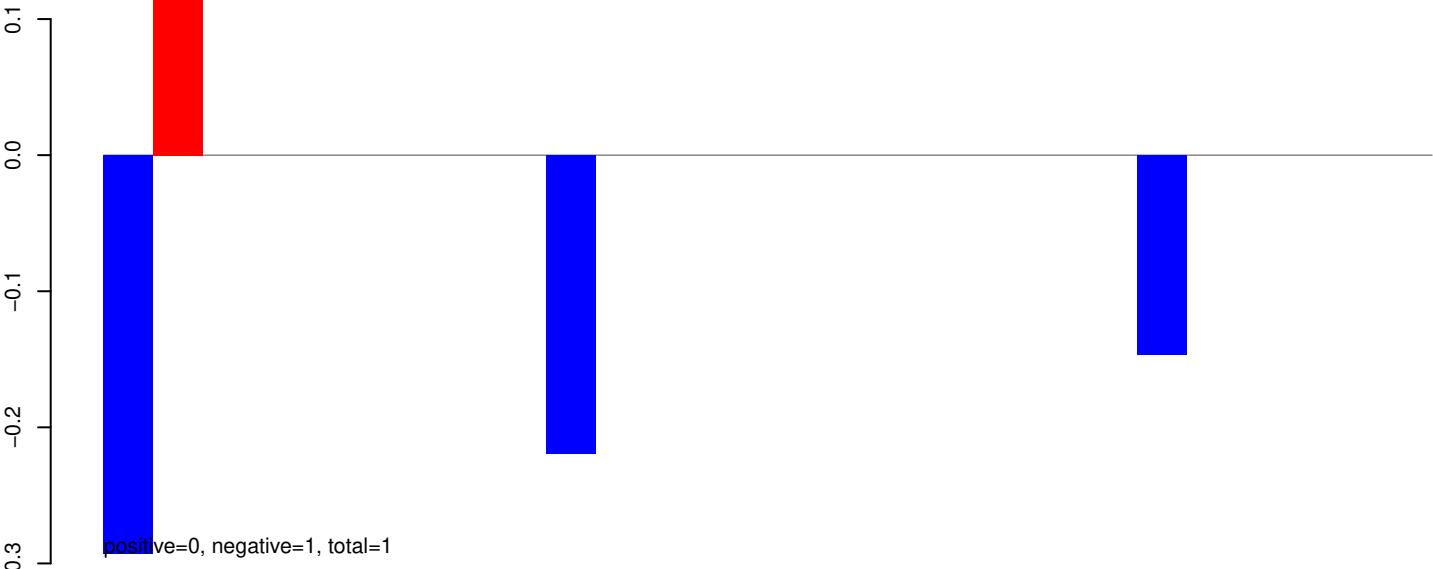


0 200 400 600 800 1000 1200 1400

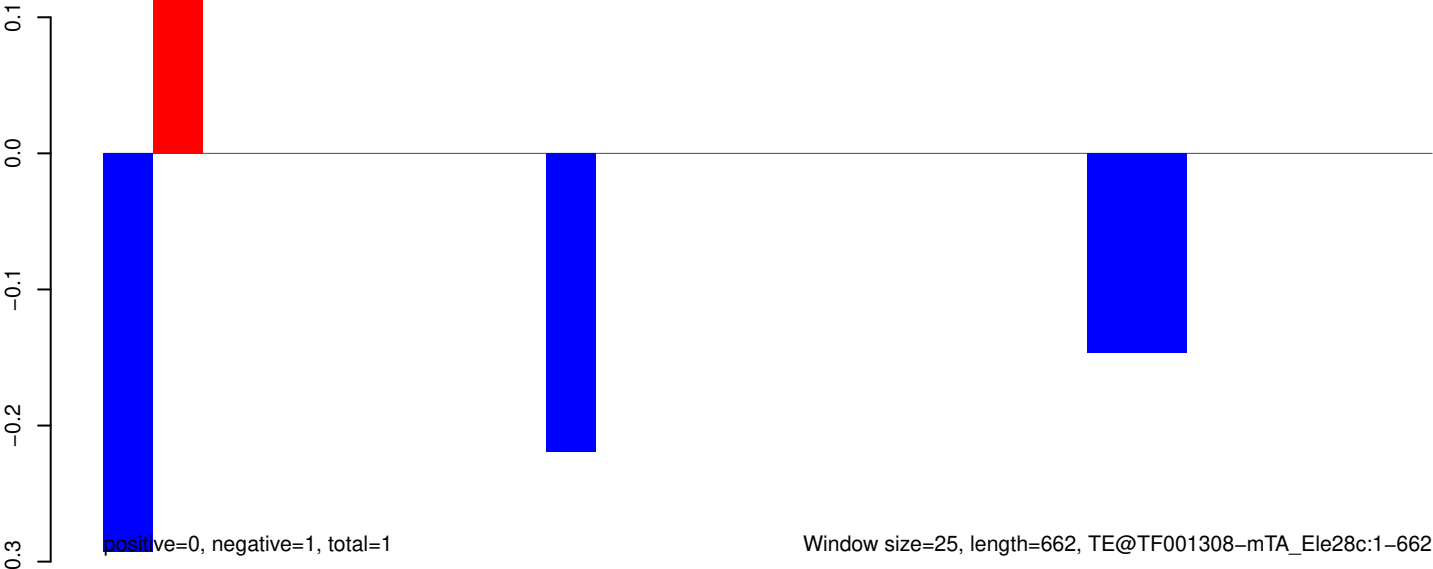
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



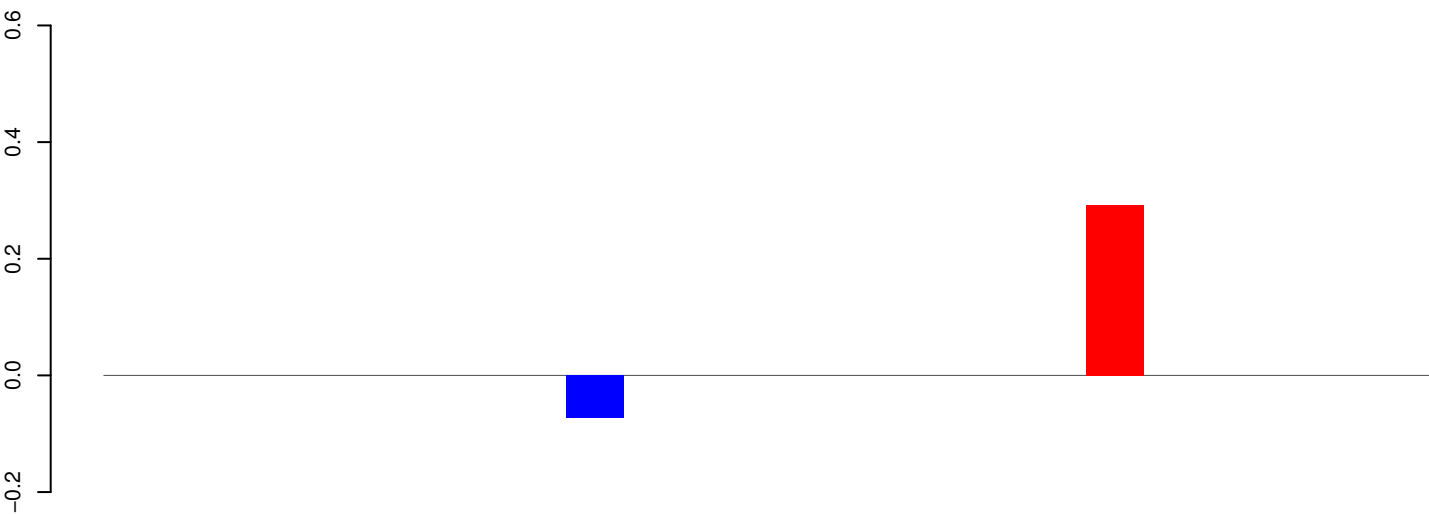
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

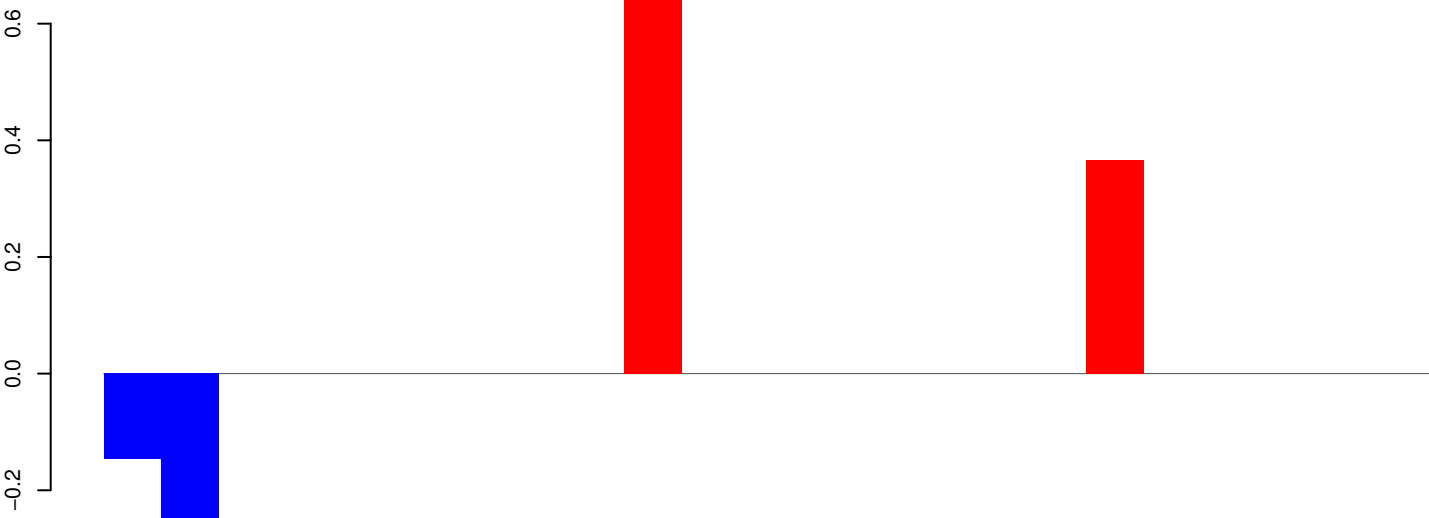


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



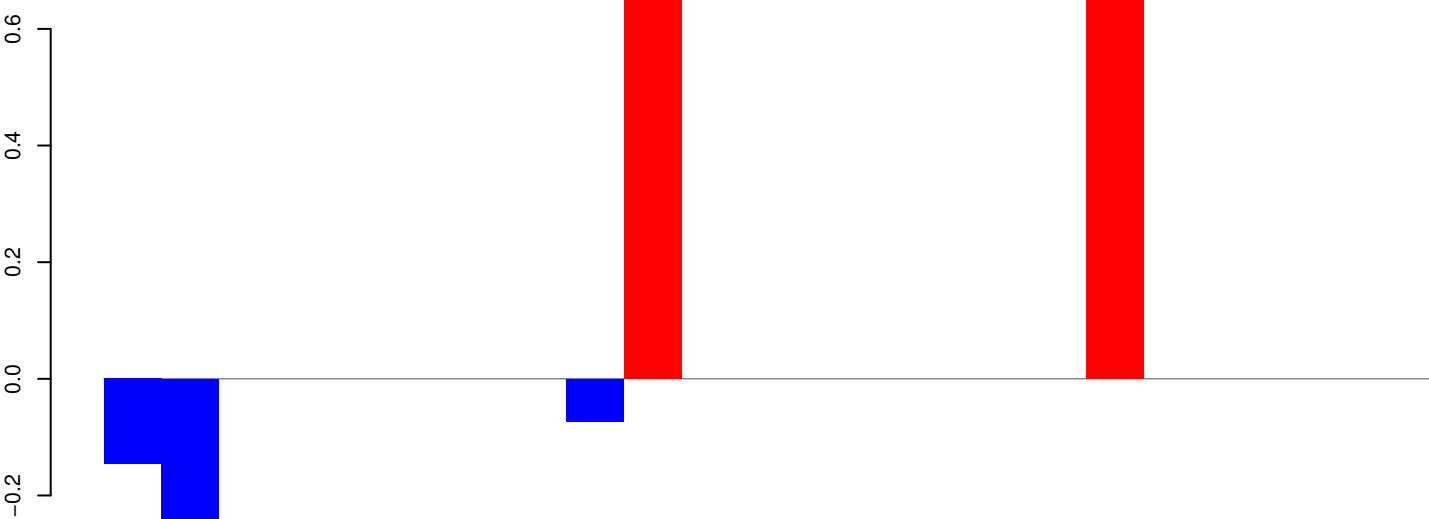
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=0, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

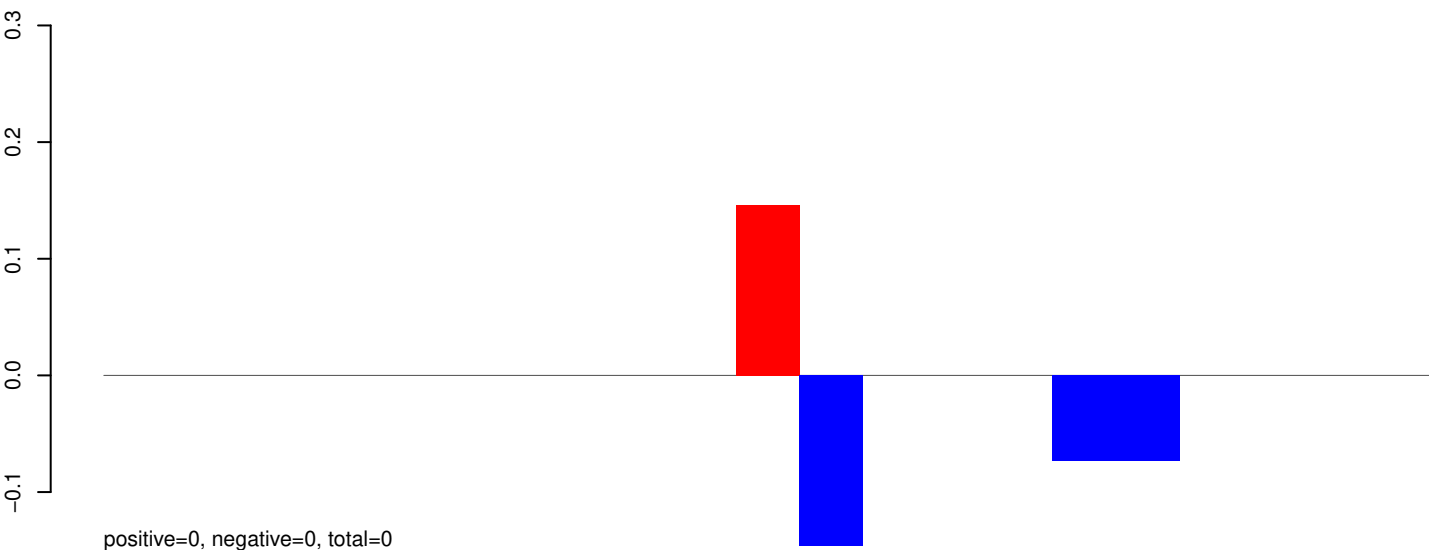


positive=1, negative=1, total=2

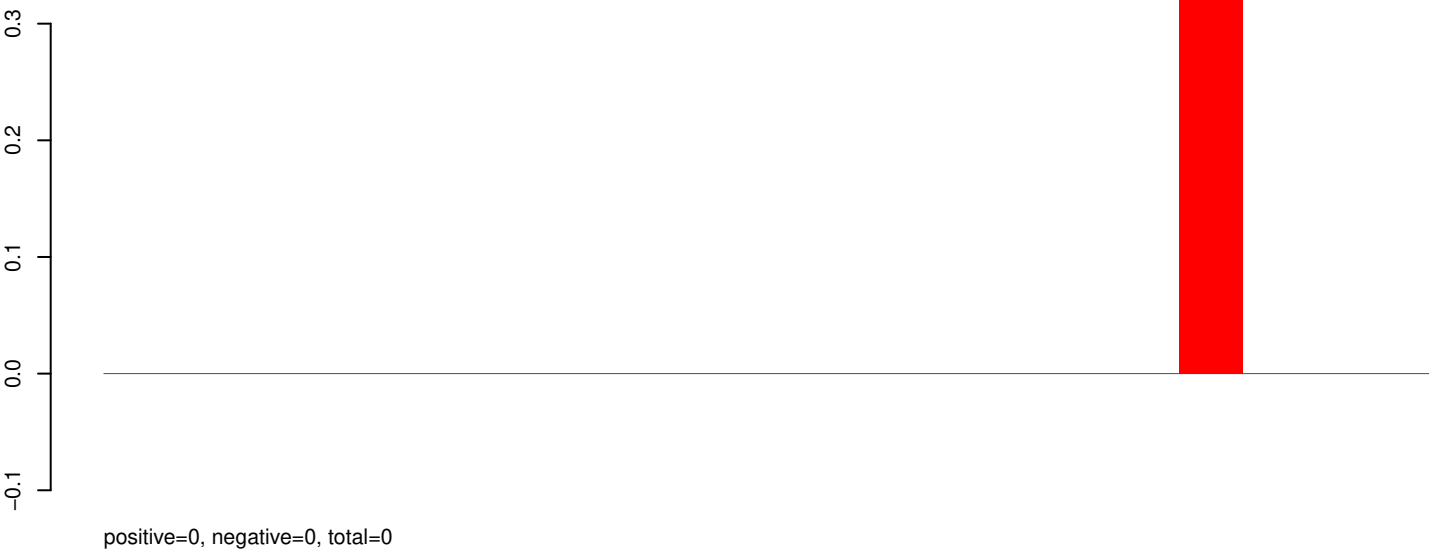
Window size=25, length=562, TE@TF001302-m8bp\_Ele18:1-562

100 200 300 400 500 600

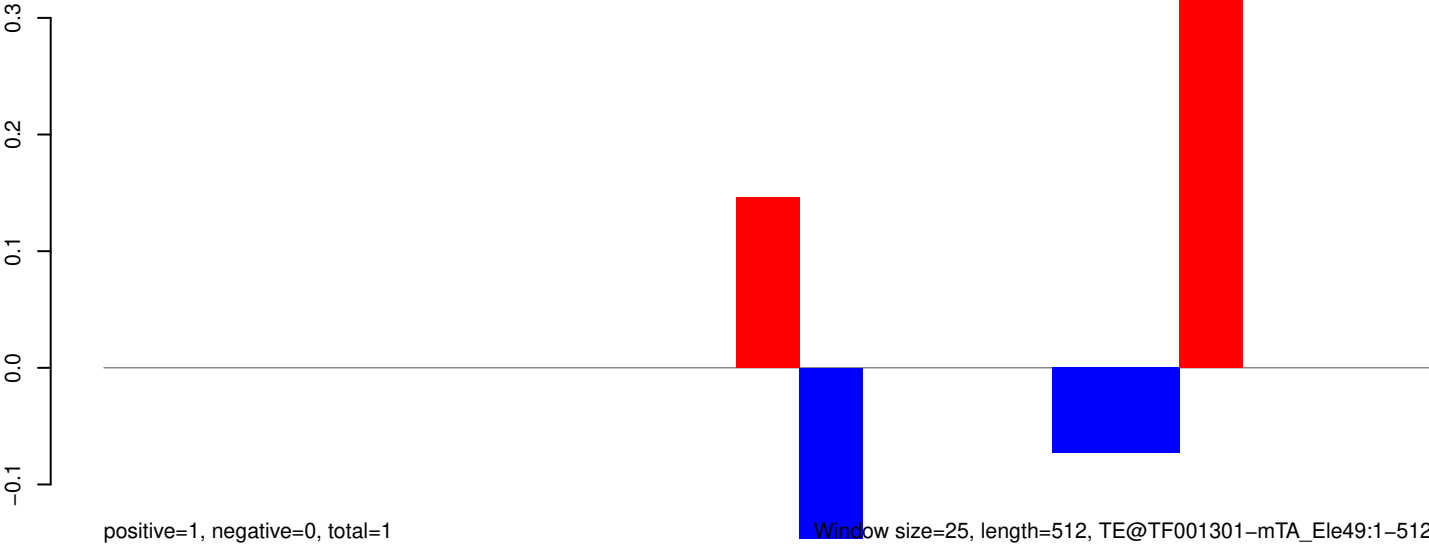
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=512, TE@TF001301-mTA\_Ele49:1-512

100

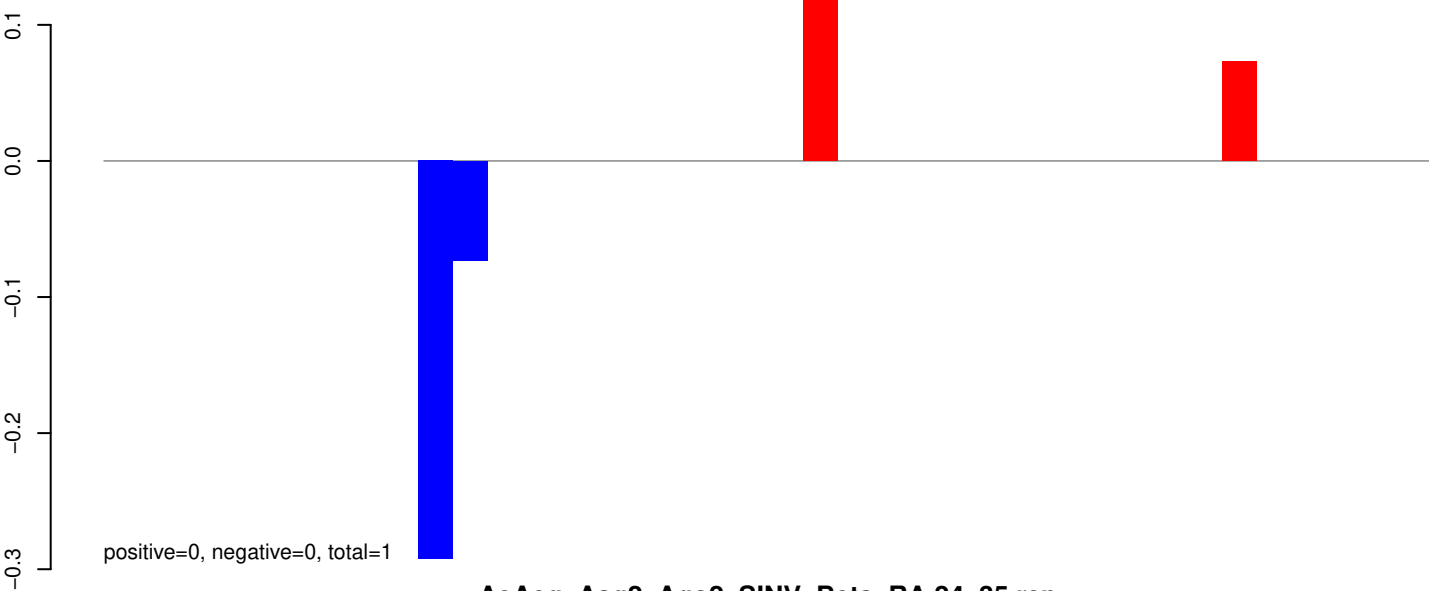
200

300

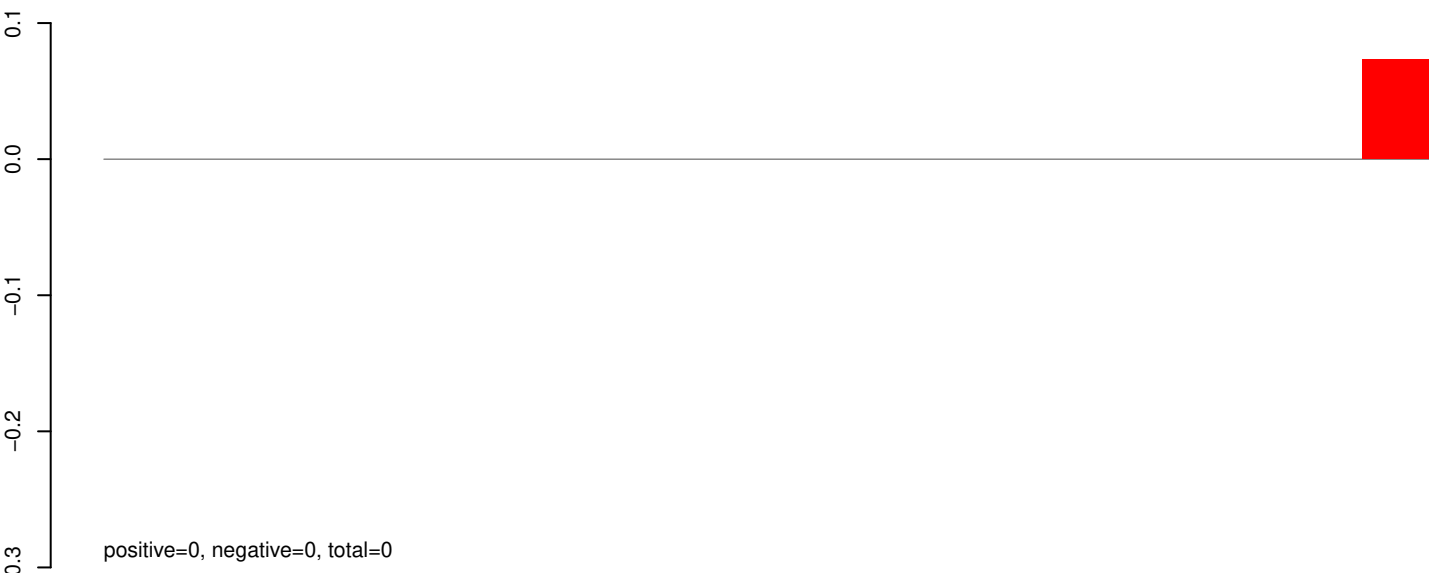
400

500

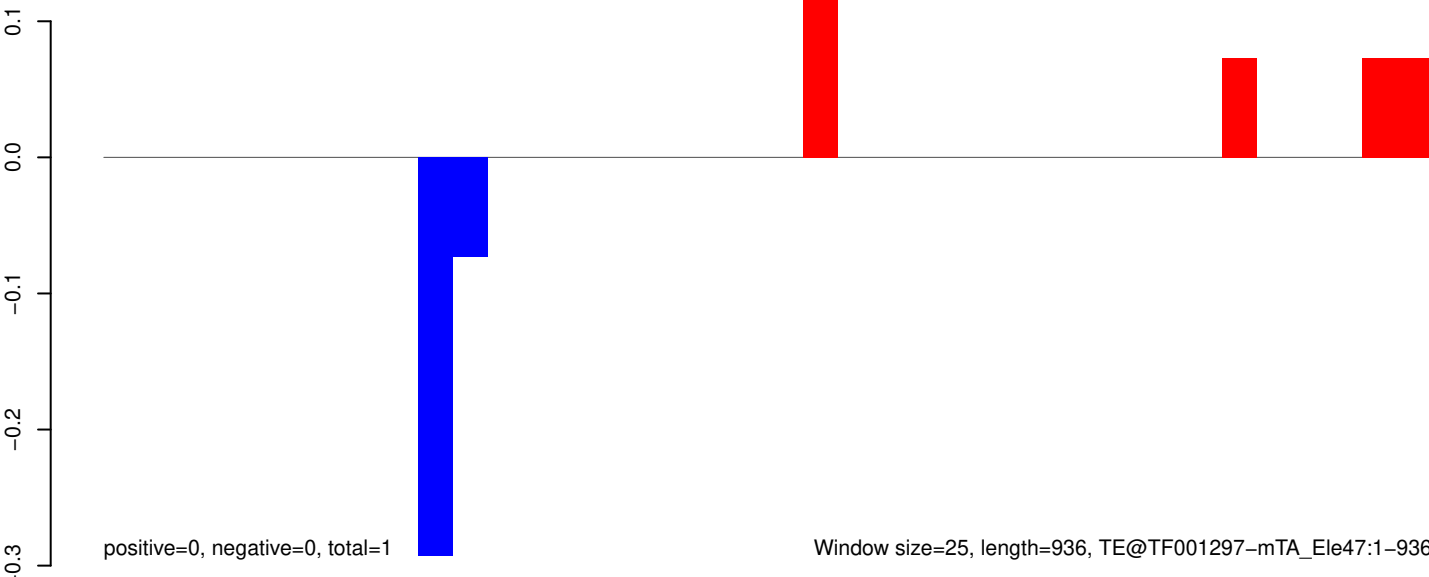
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

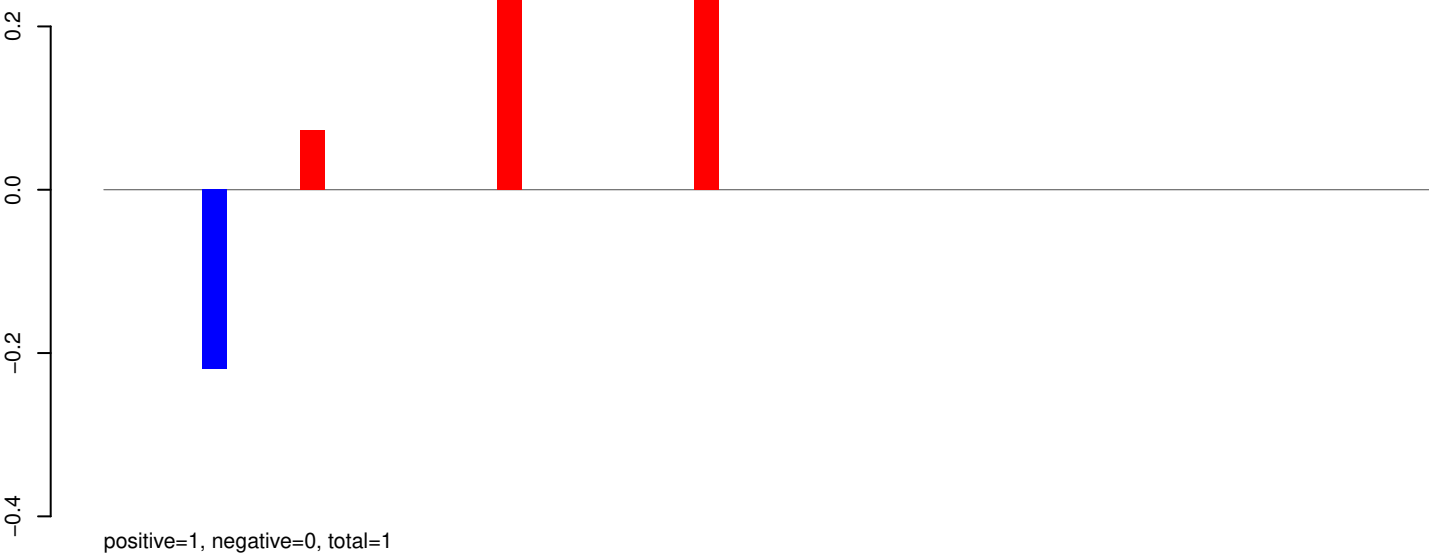


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=936, TE@TF001297-mTA\_Ele47:1-936

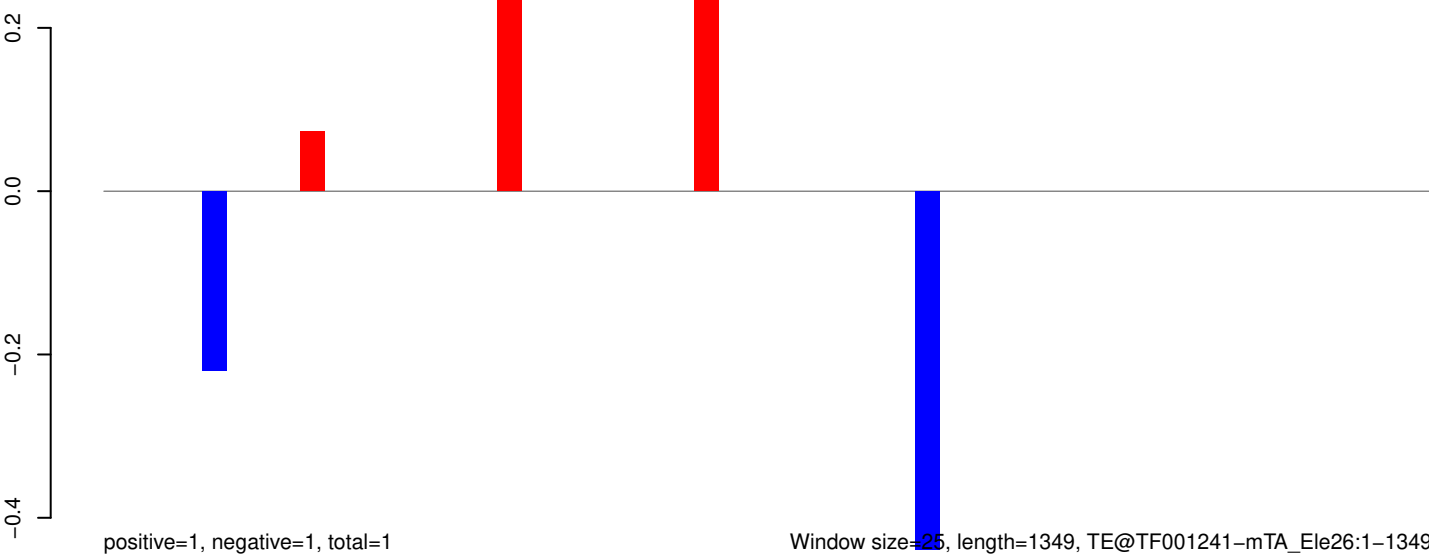
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

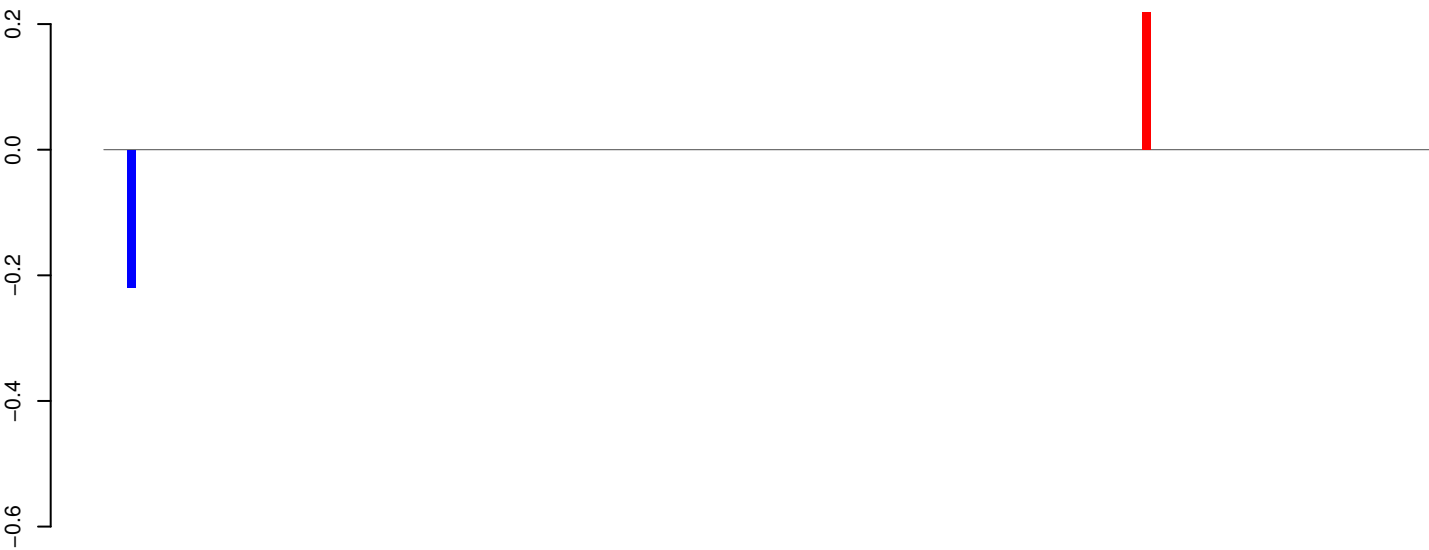


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



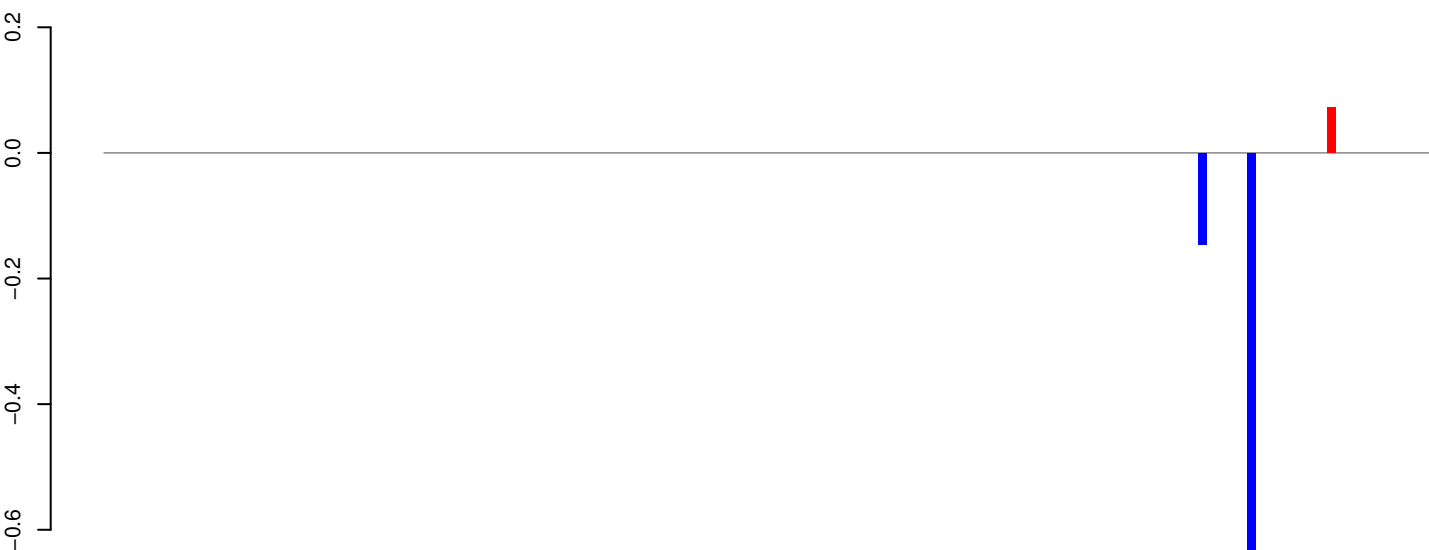
Window size=25, length=1349, TE@TF001241-mTA\_Ele26:1-1349

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



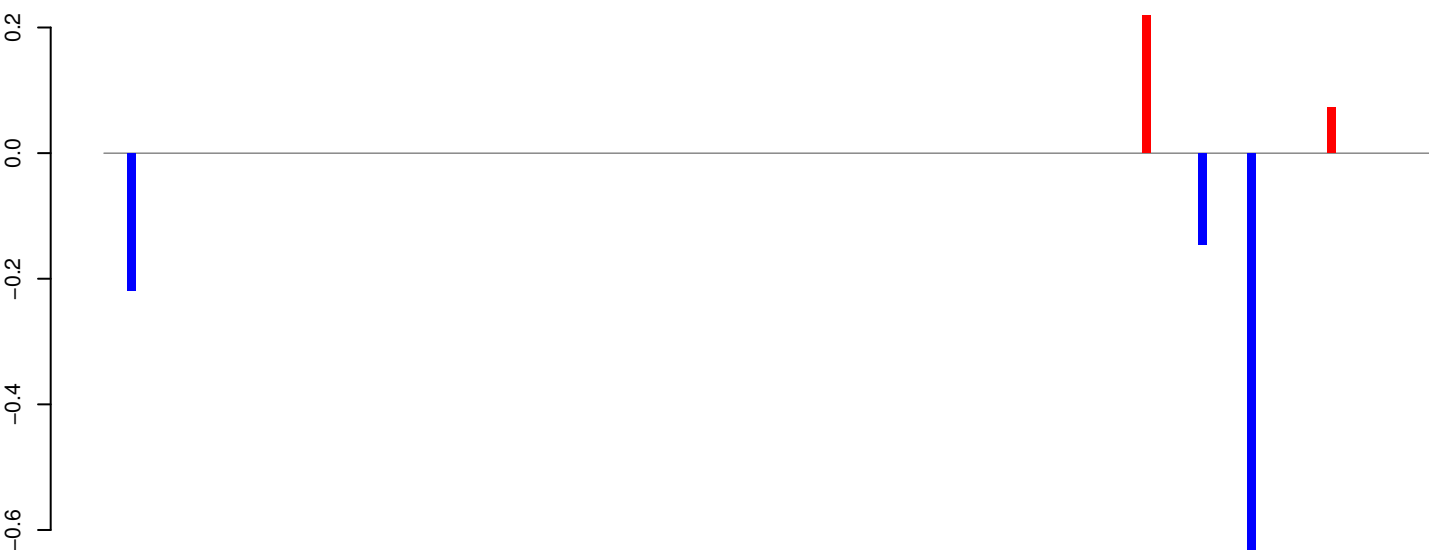
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

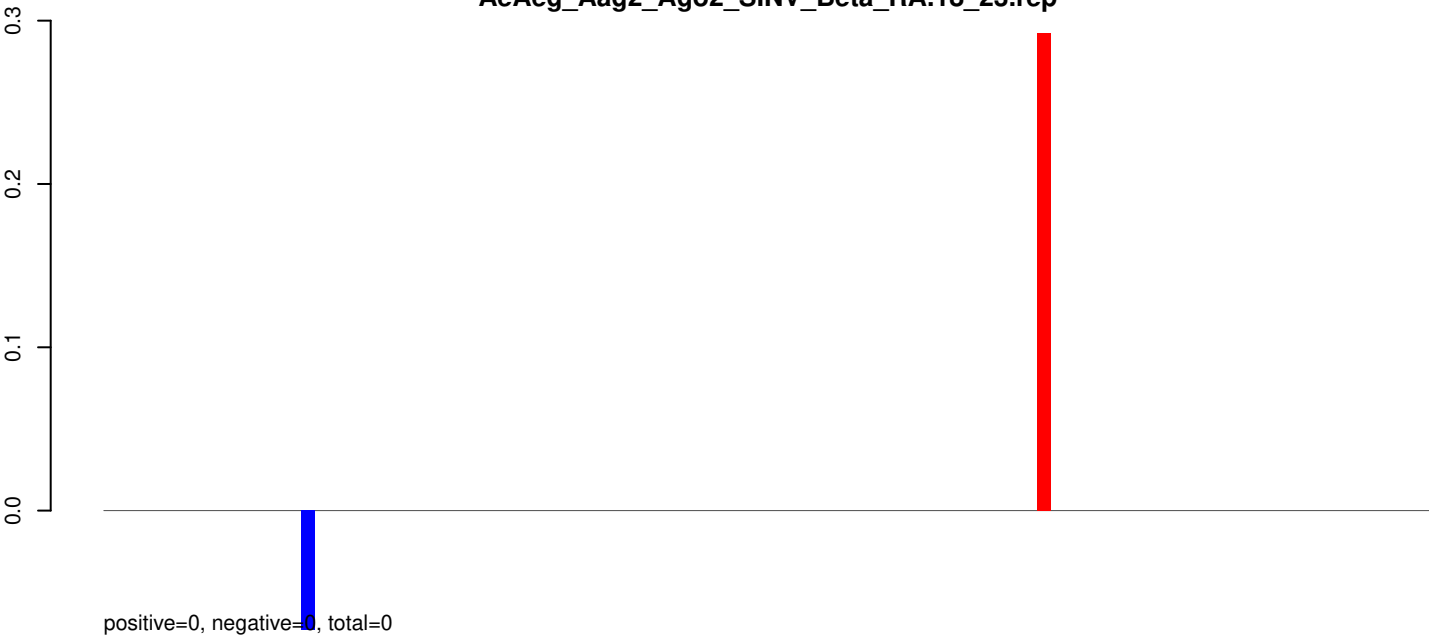


positive=0, negative=1, total=1

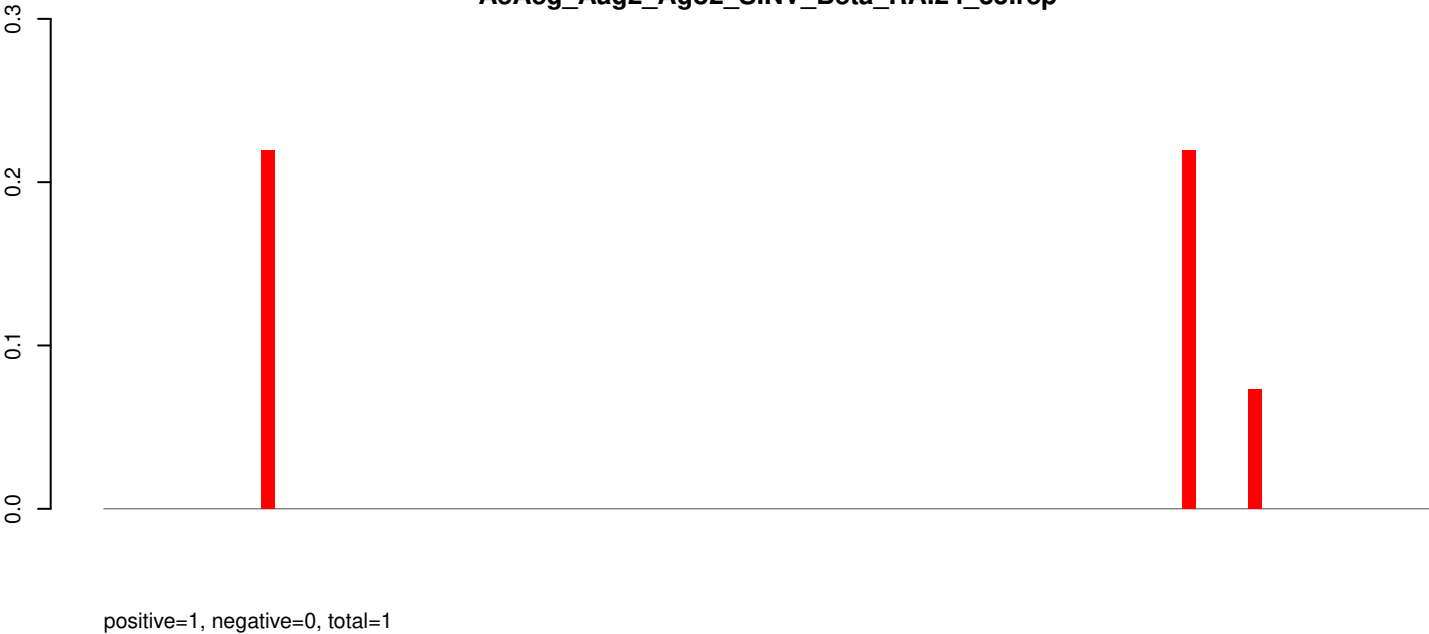
Window size=25, length=4125, TE@TF001039-Ty1\_copia\_Ele200:1-4125

0 1000 2000 3000 4000

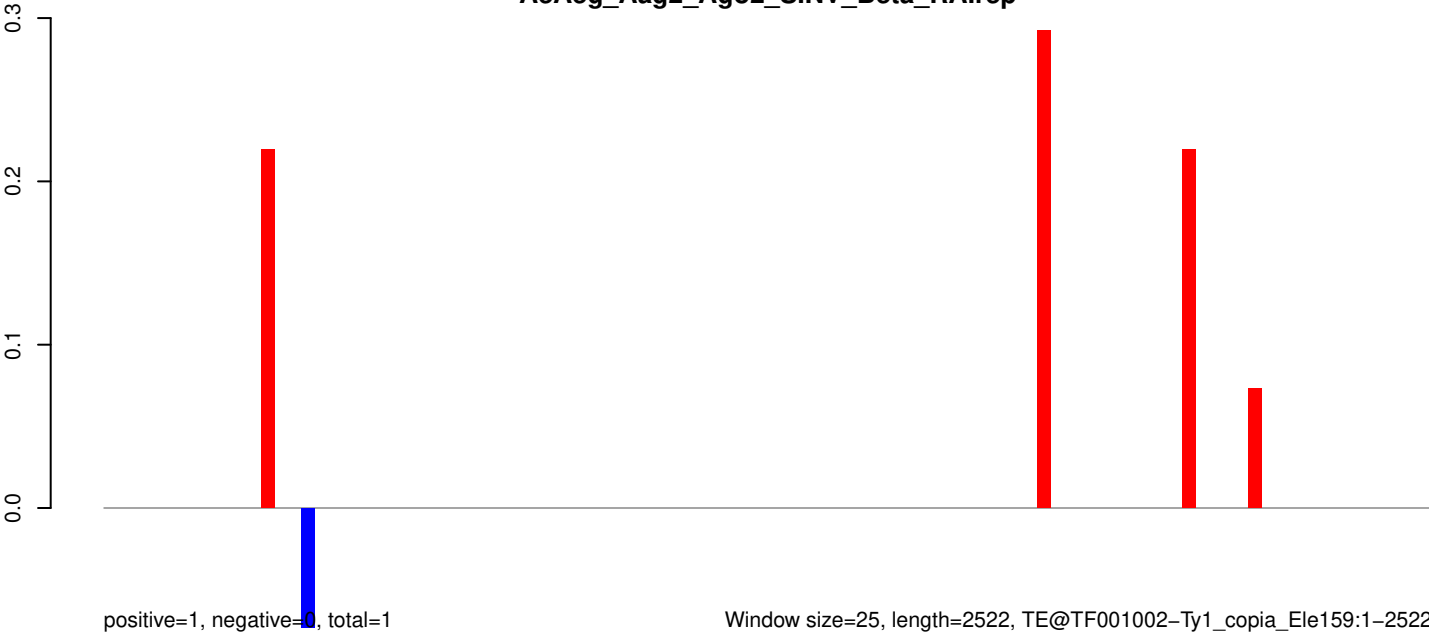
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=2522, TE@TF001002-Ty1\_copia\_Ele159:1-2522

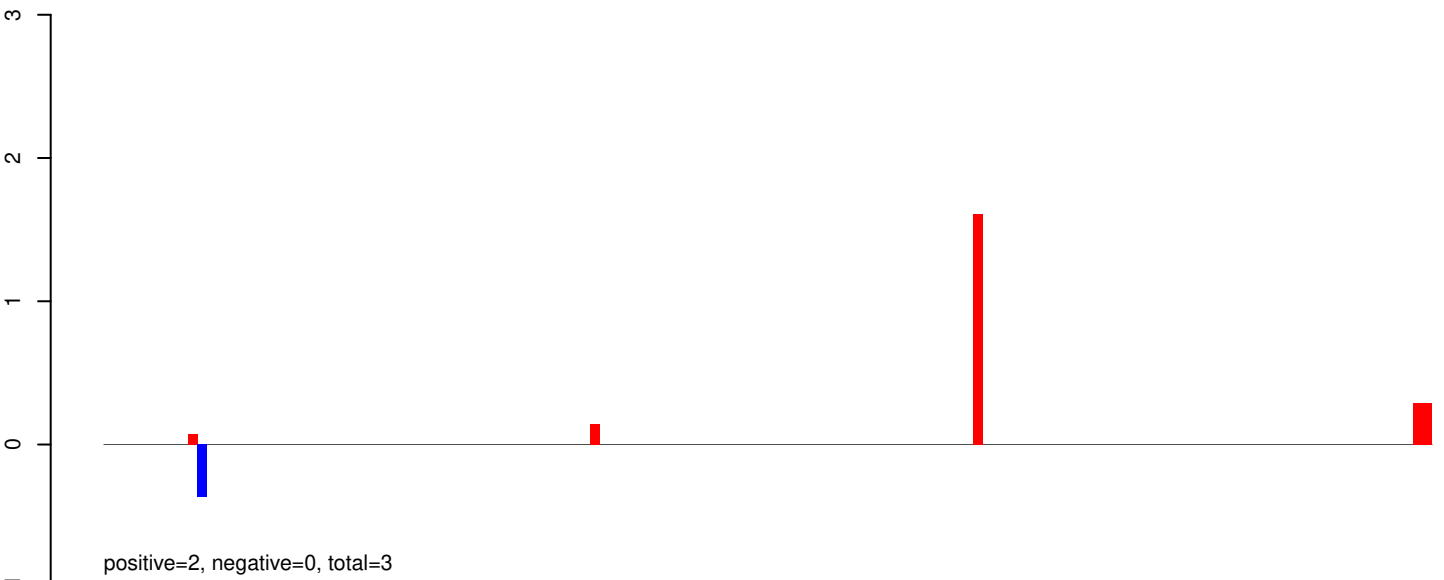
0 500 1000 1500 2000 2500



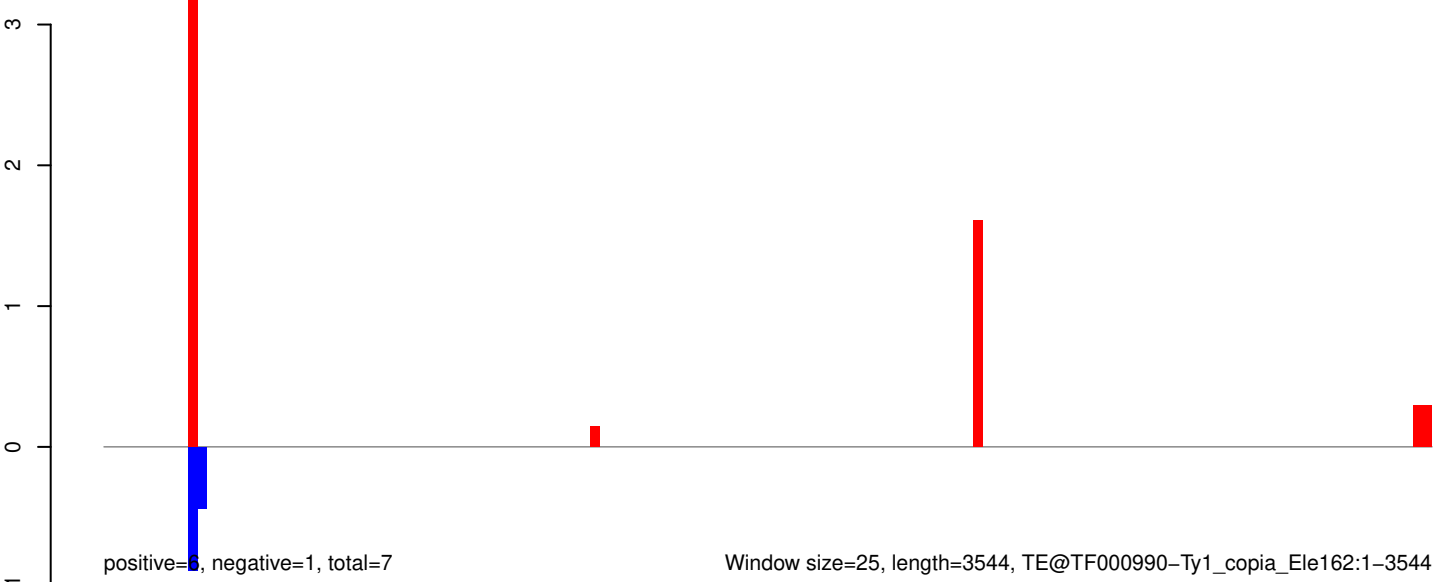
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

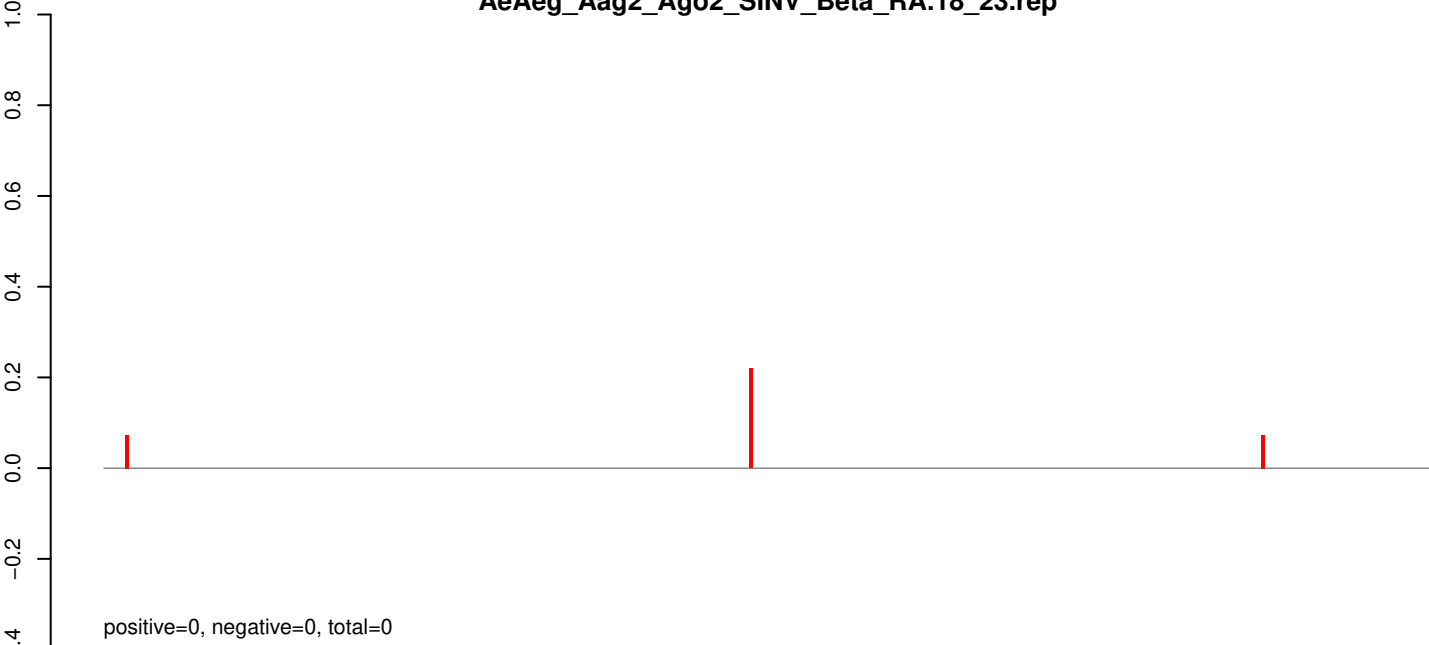


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

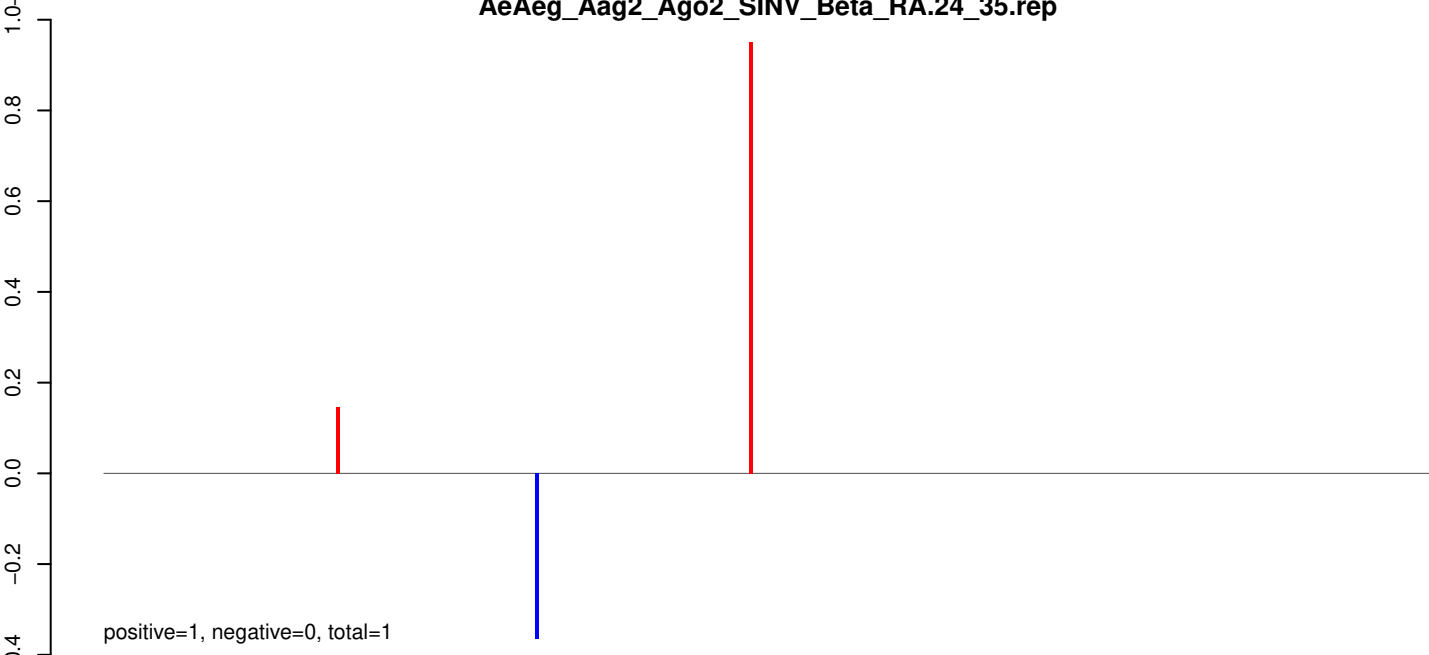


Window size=25, length=3544, TE@TF000990-Ty1\_copia\_Ele162:1-3544

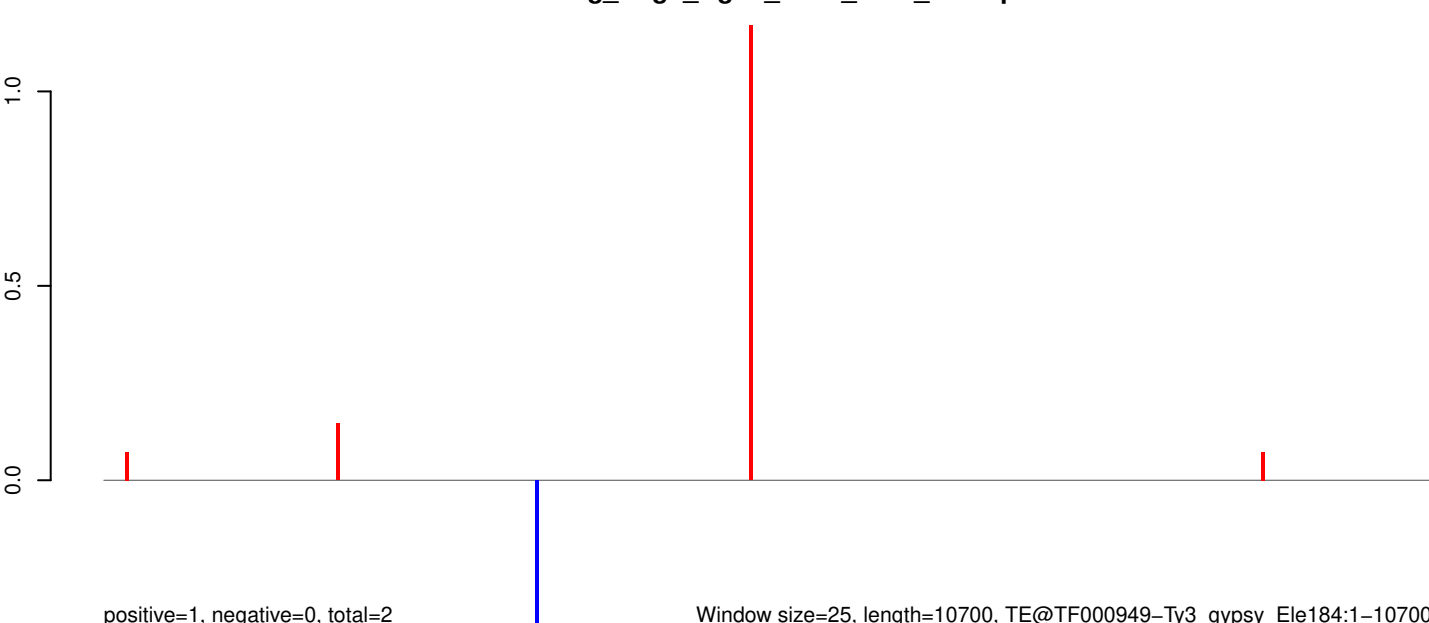
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



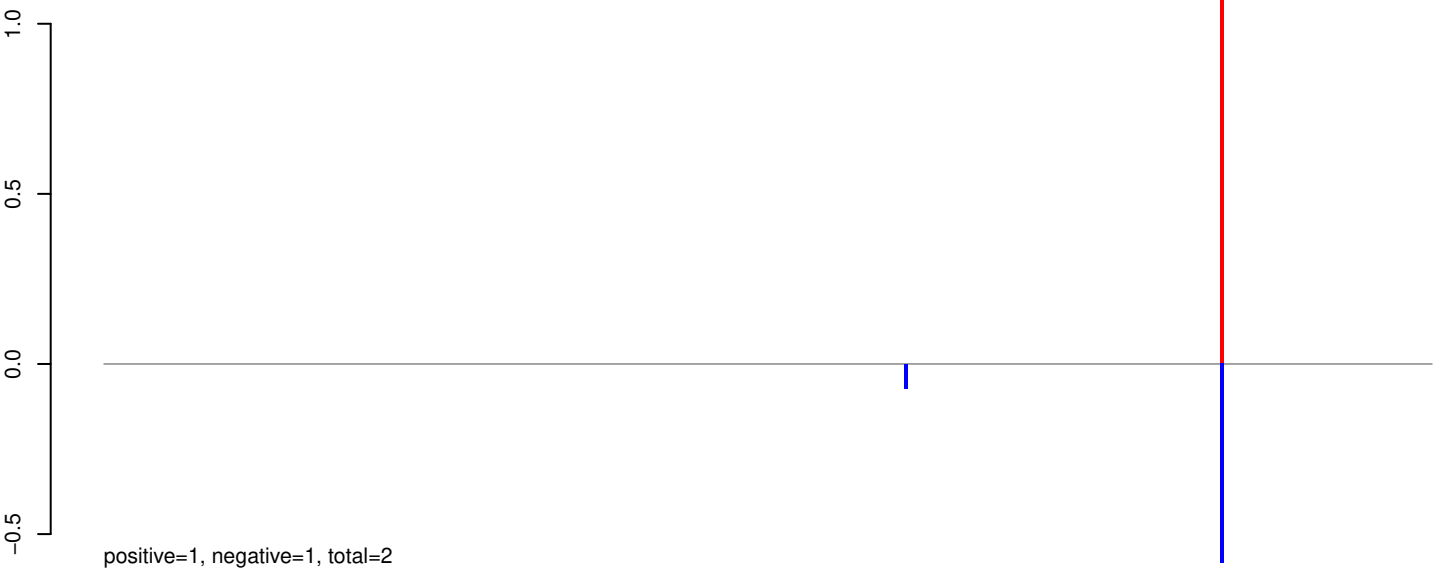
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



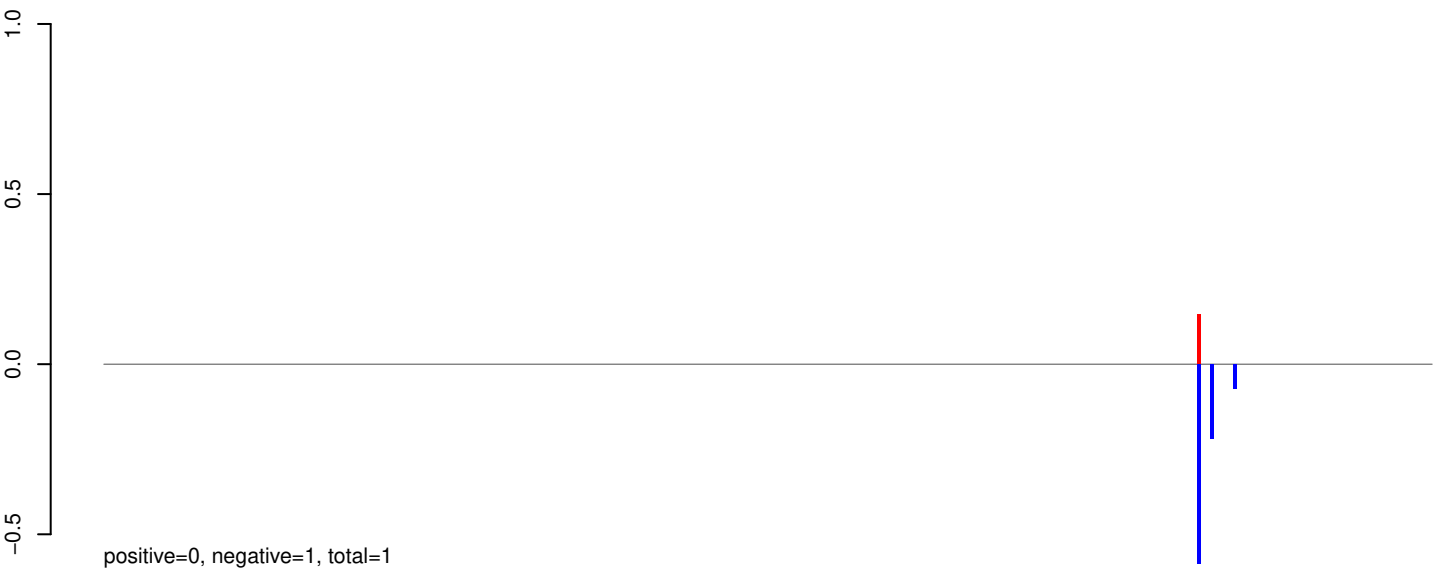
Window size=25, length=10700, TE@TF000949-Ty3\_gypsy\_Ele184:1-10700

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



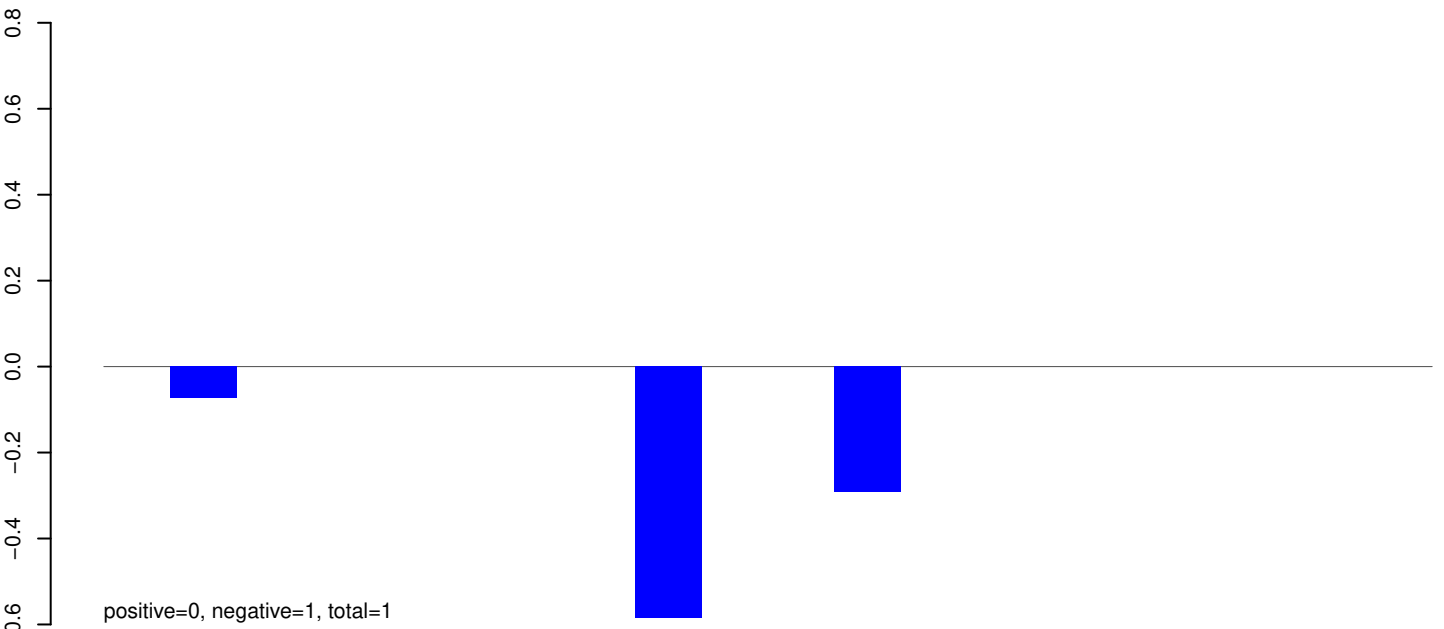
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



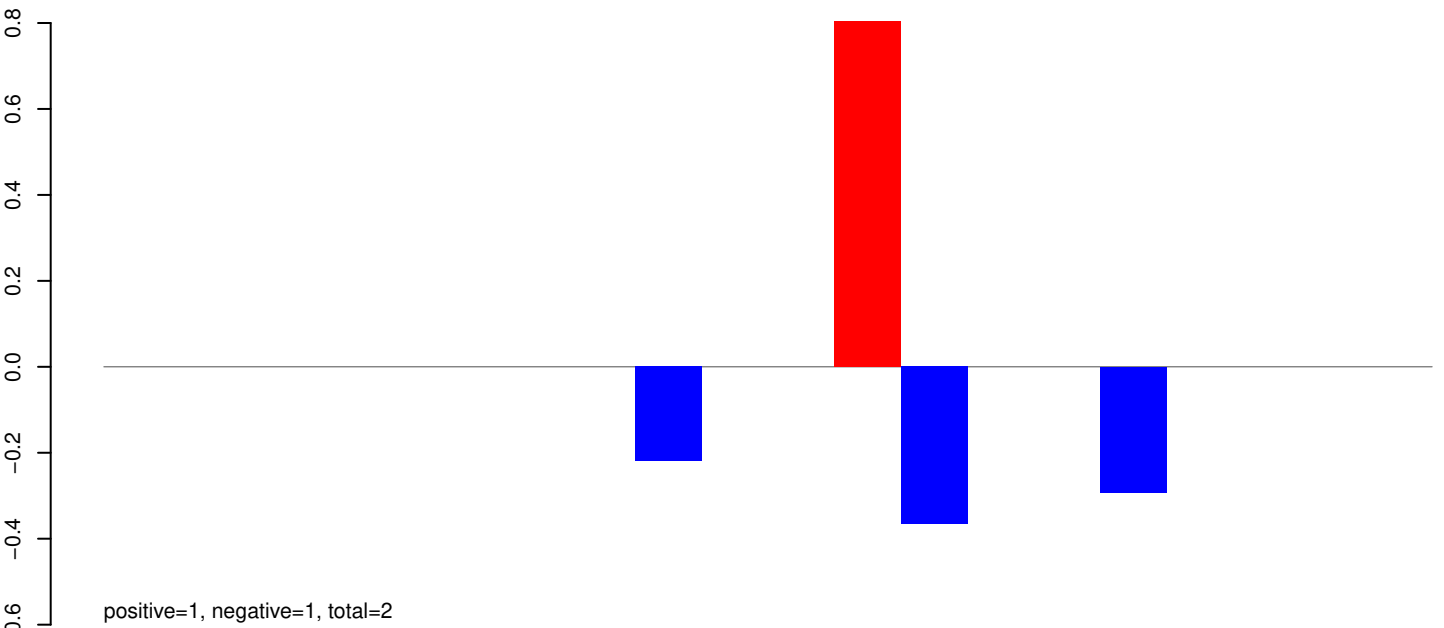
Window size=25, length=10199, TE@TF000942-Ty3, gypsy\_Ele174:1-10199

0 2000 4000 6000 8000 10000

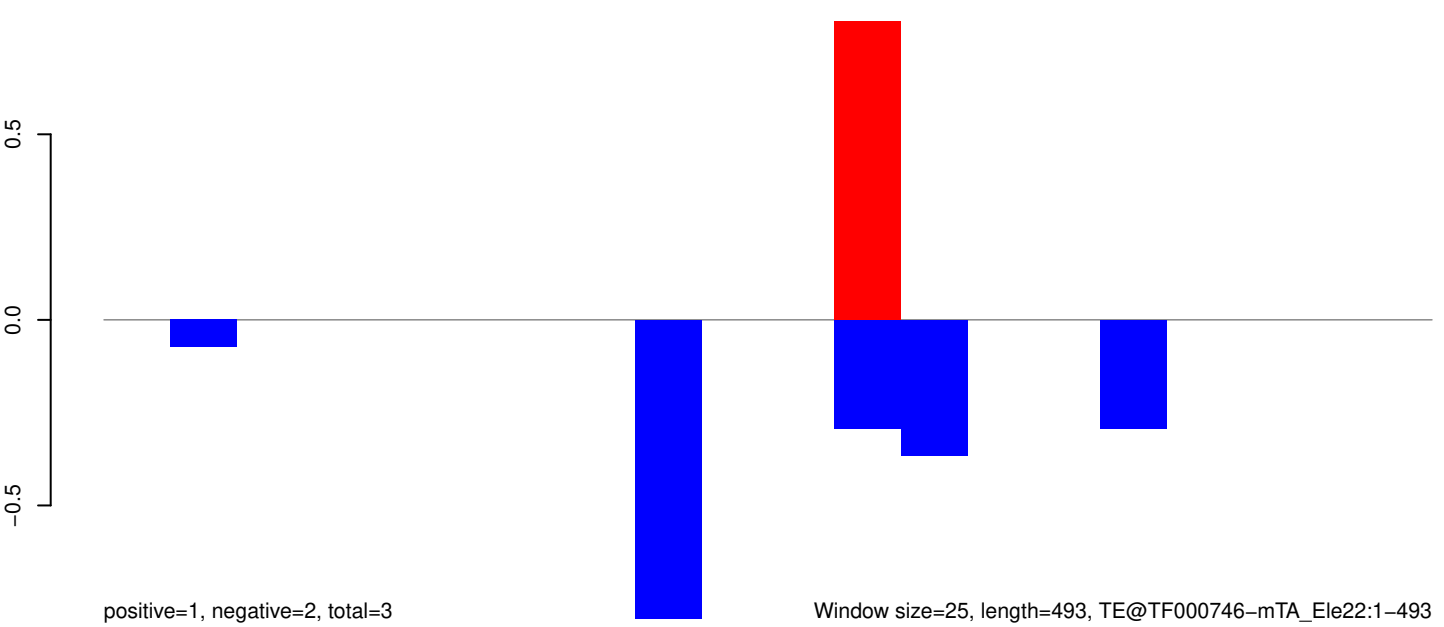
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

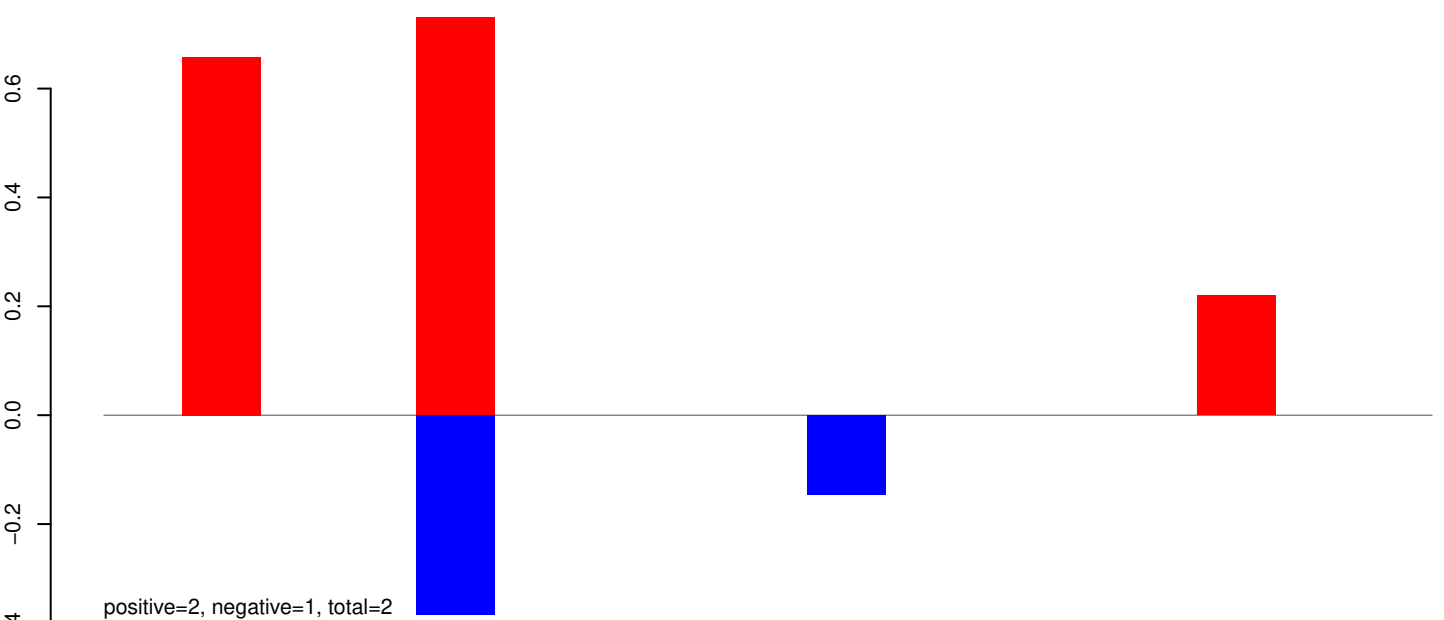


Window size=25, length=493, TE@TF000746-mTA\_Ele22:1-493

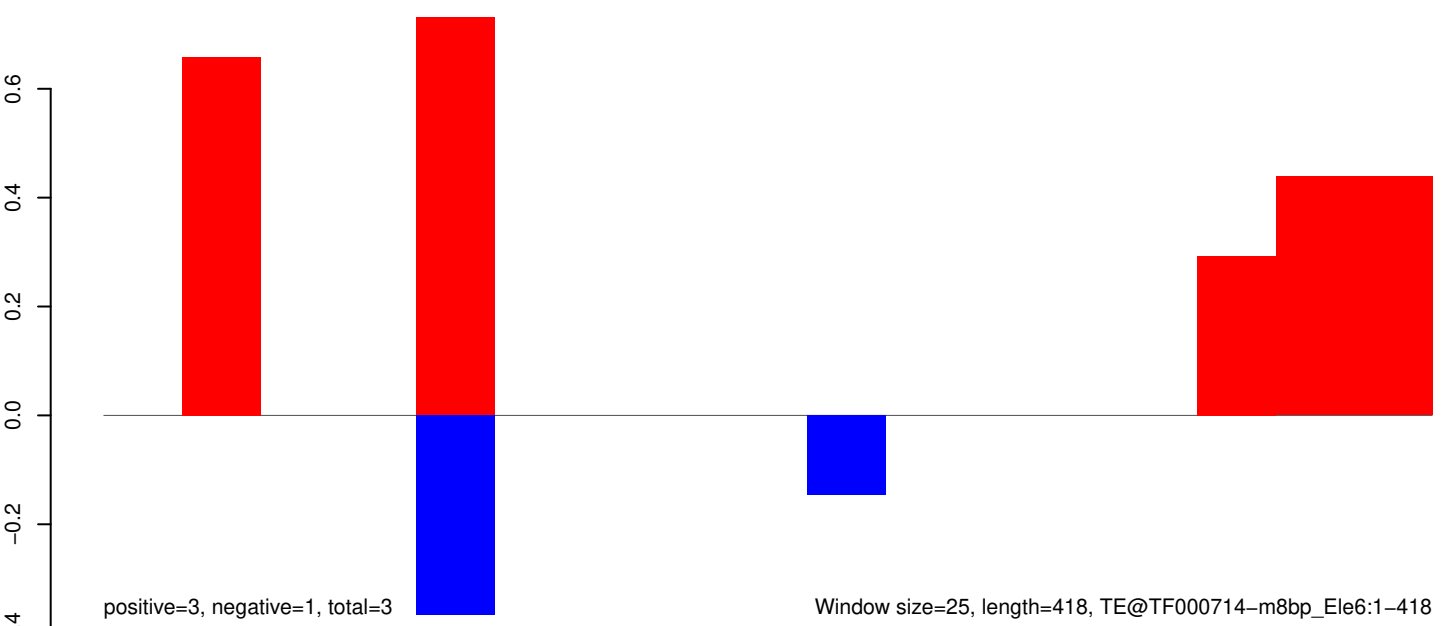
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

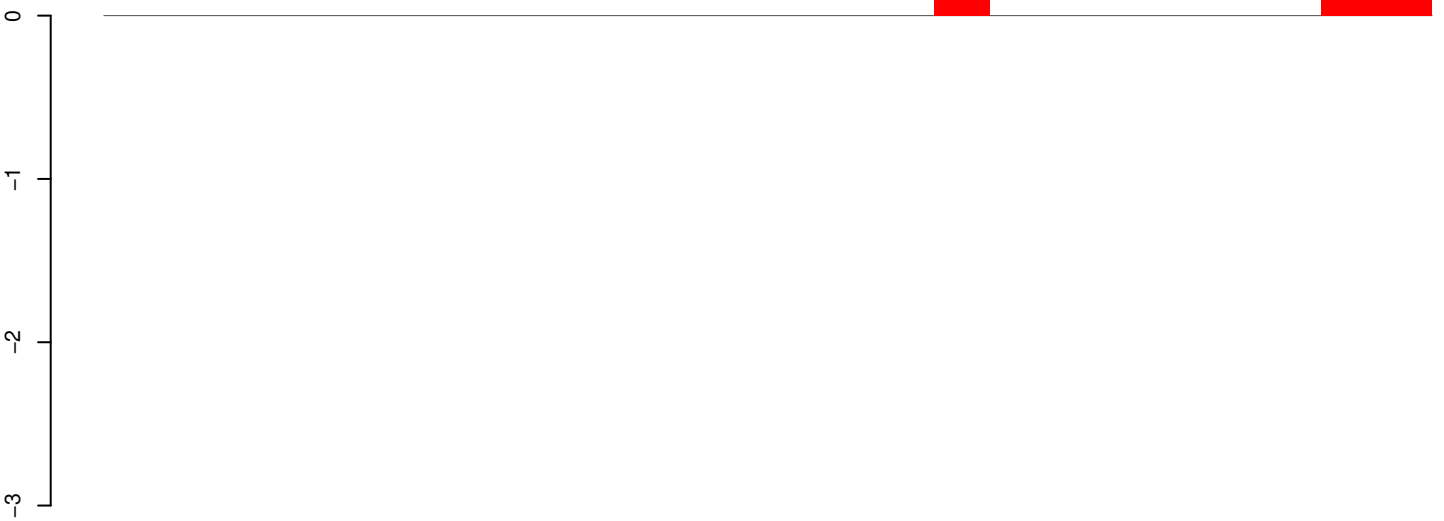


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



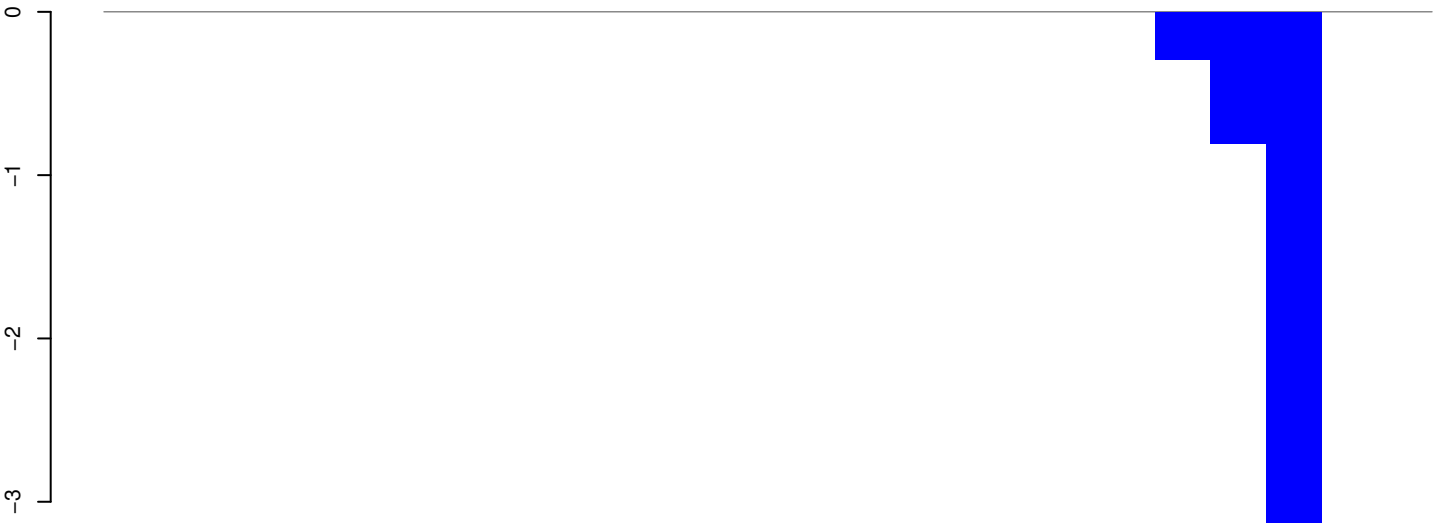
Window size=25, length=418, TE@TF000714-m8bp\_Ele6:1-418

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=4, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

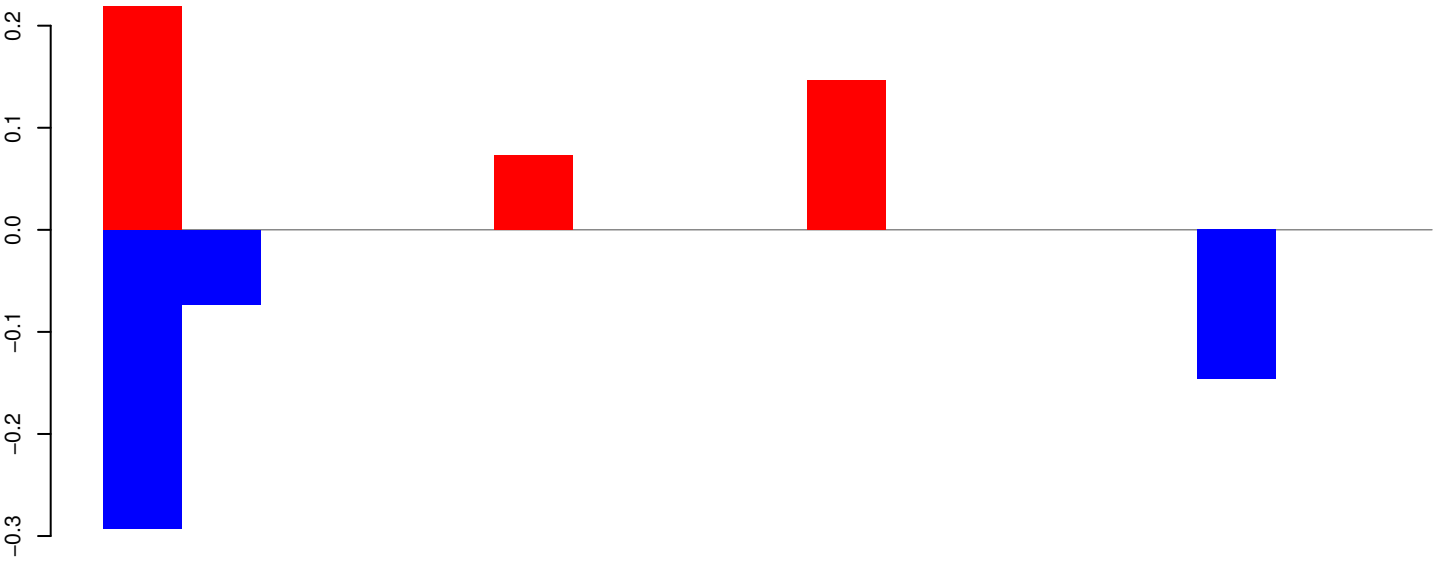


positive=1, negative=4, total=5

Window size=25, length=583, TE@TF000699-m7bp\_Ele3:1-583

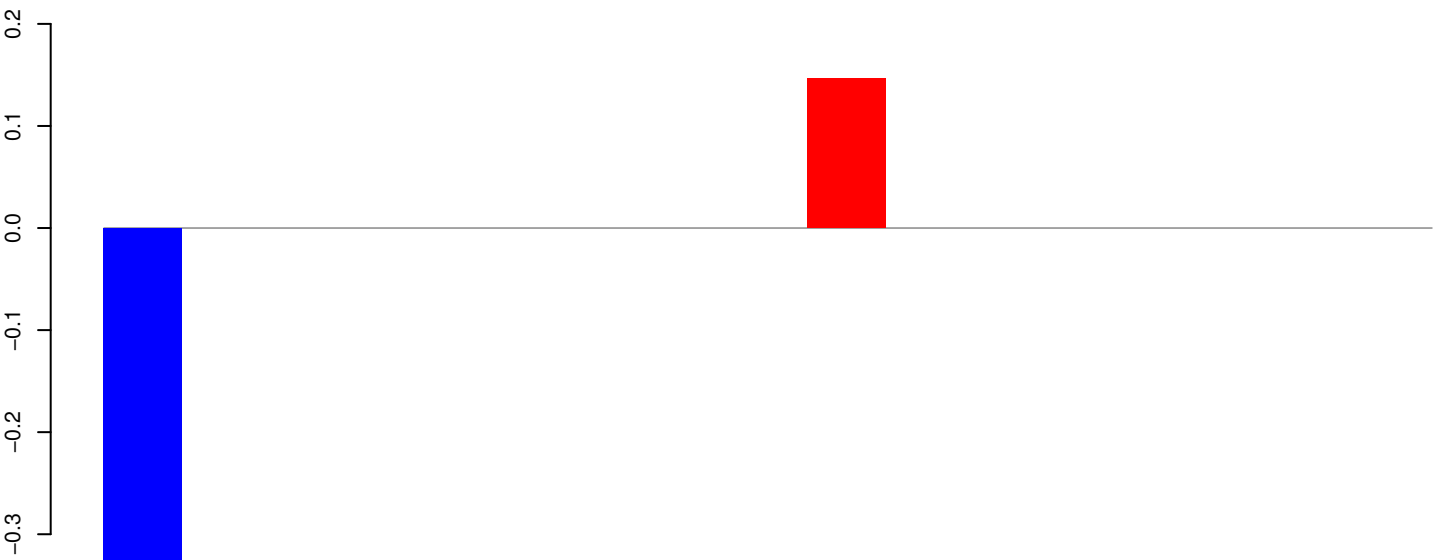
100 200 300 400 500 600

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



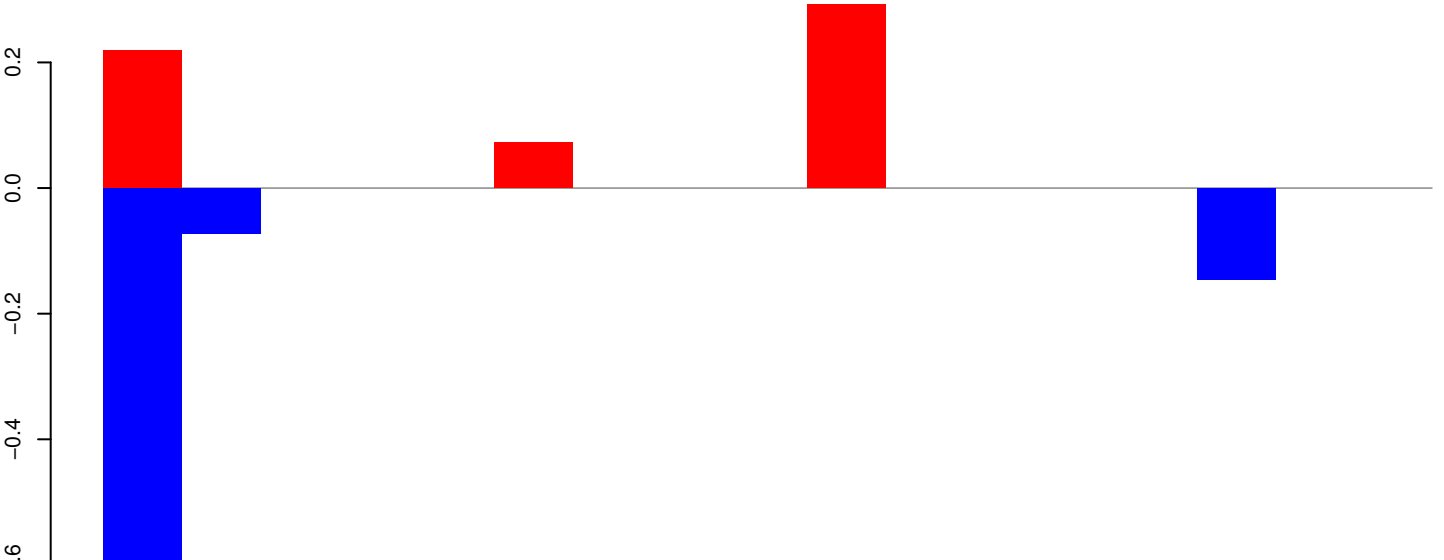
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

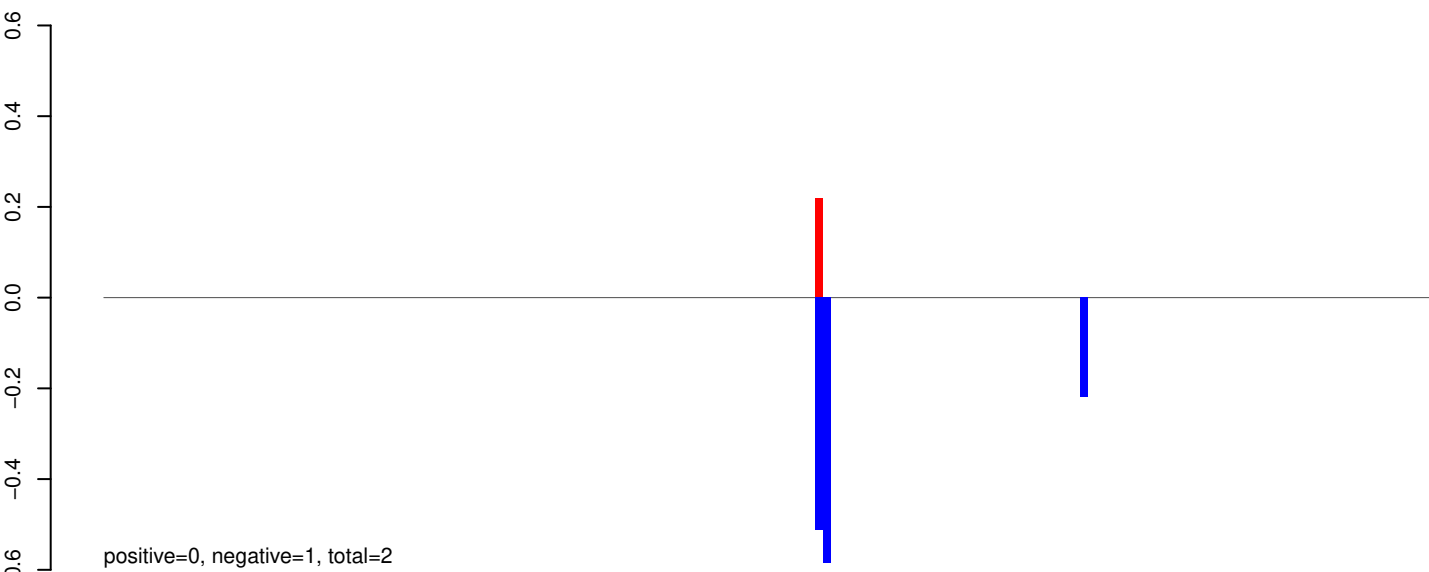


positive=1, negative=1, total=1

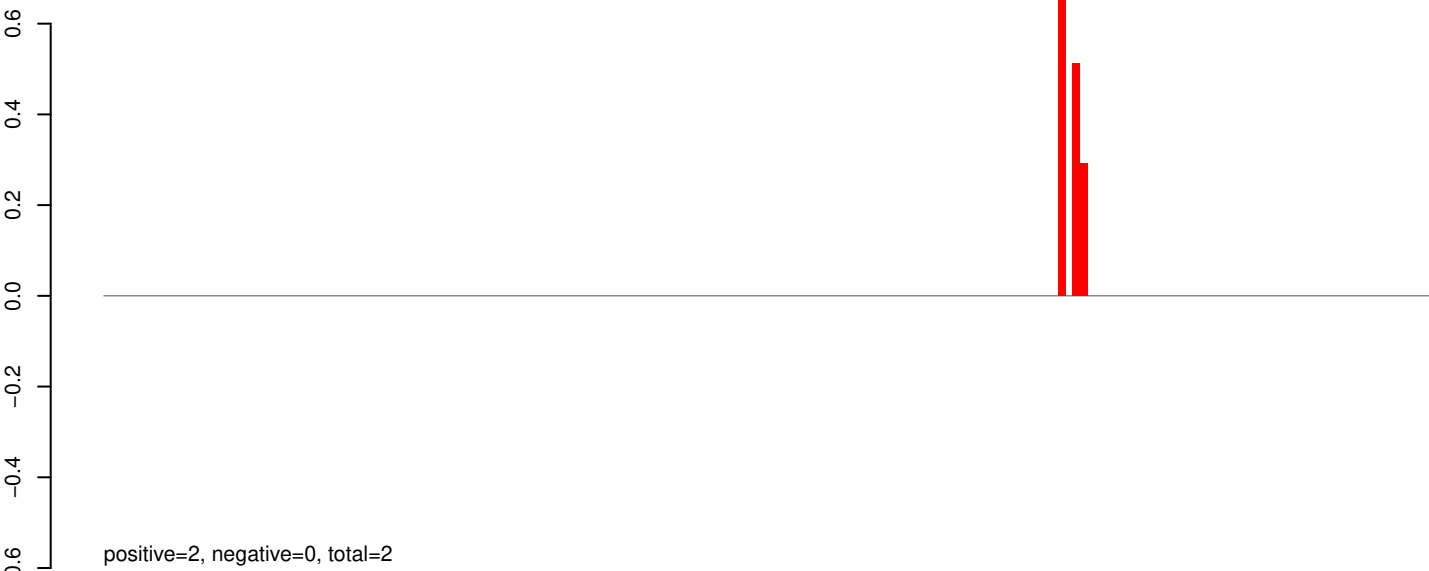
Window size=25, length=423, TE@TF000689-m4bp\_Ele9:1-423

100 200 300 400

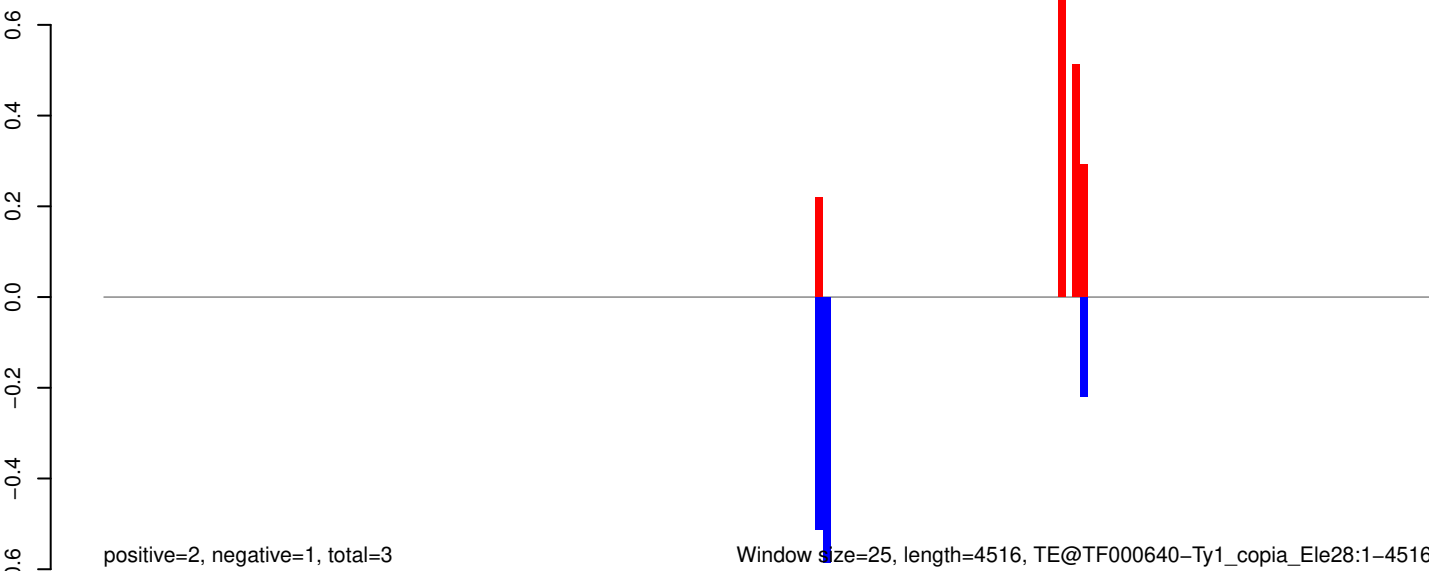
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

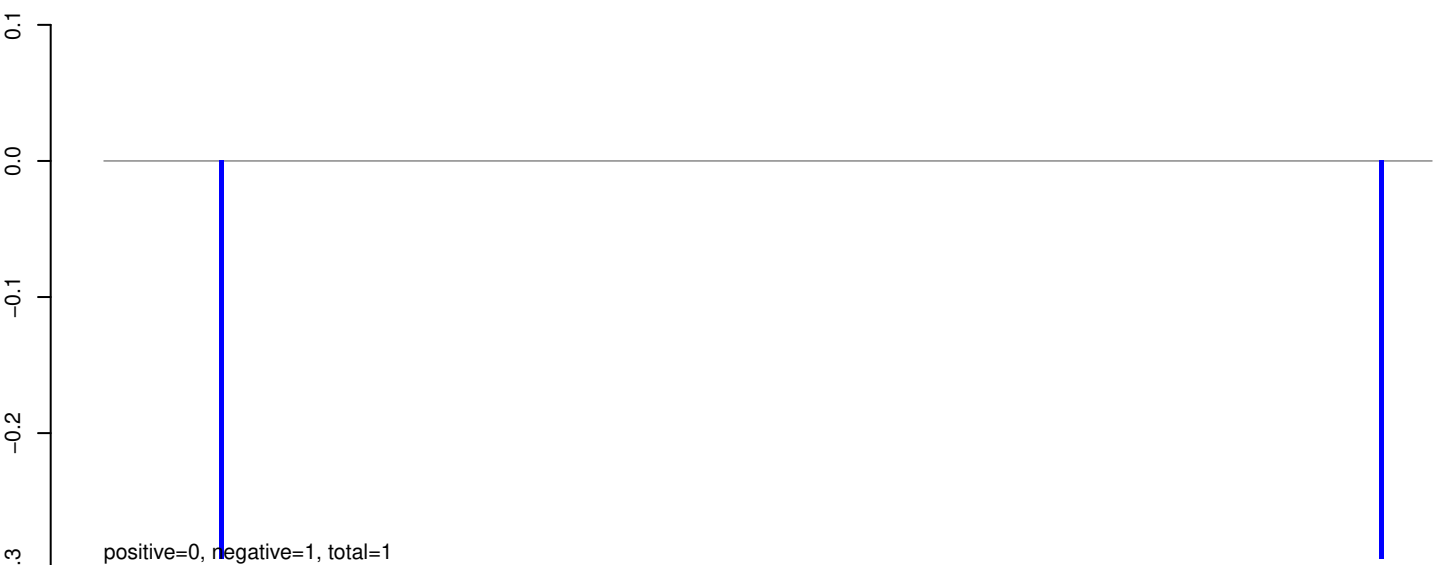


Window size=25, length=4516, TE@TF000640-Ty1\_copia\_Ele28:1-4516

0 1000 2000 3000 4000



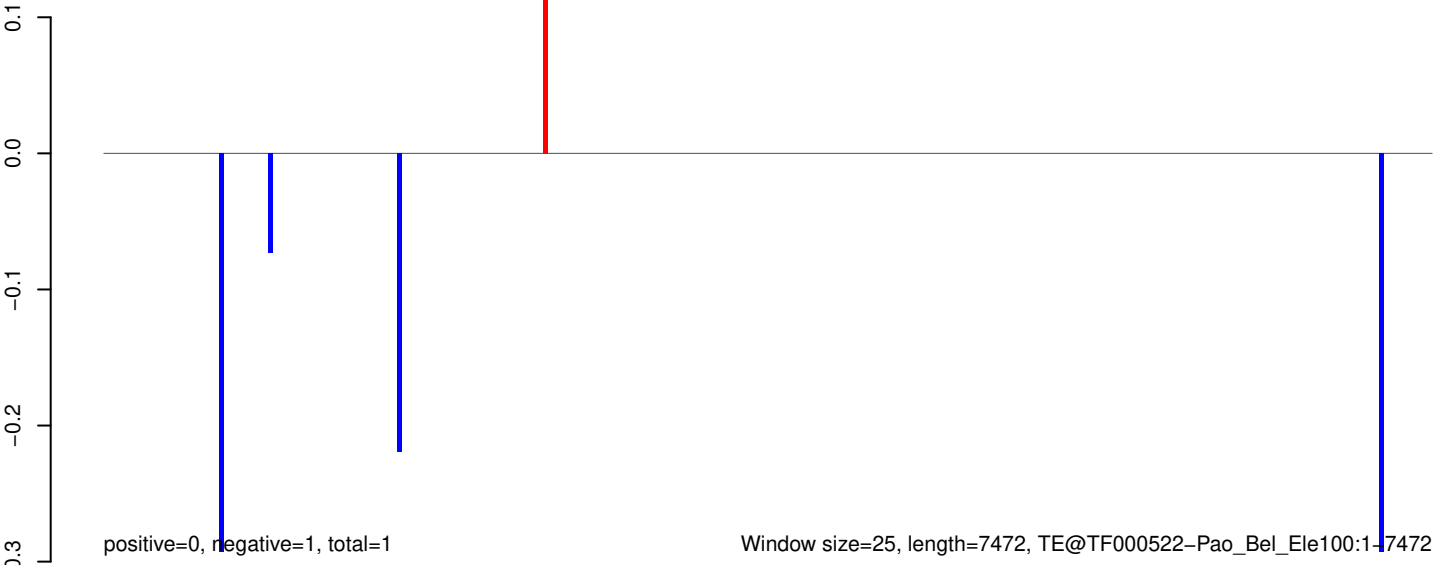
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



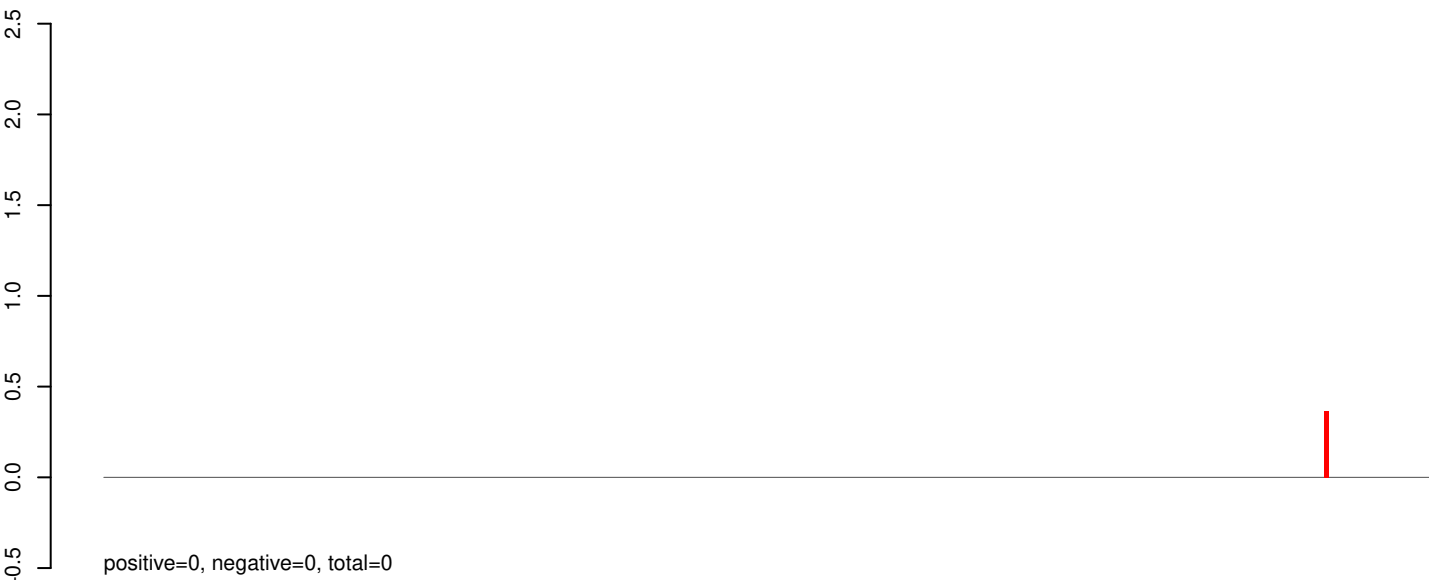
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



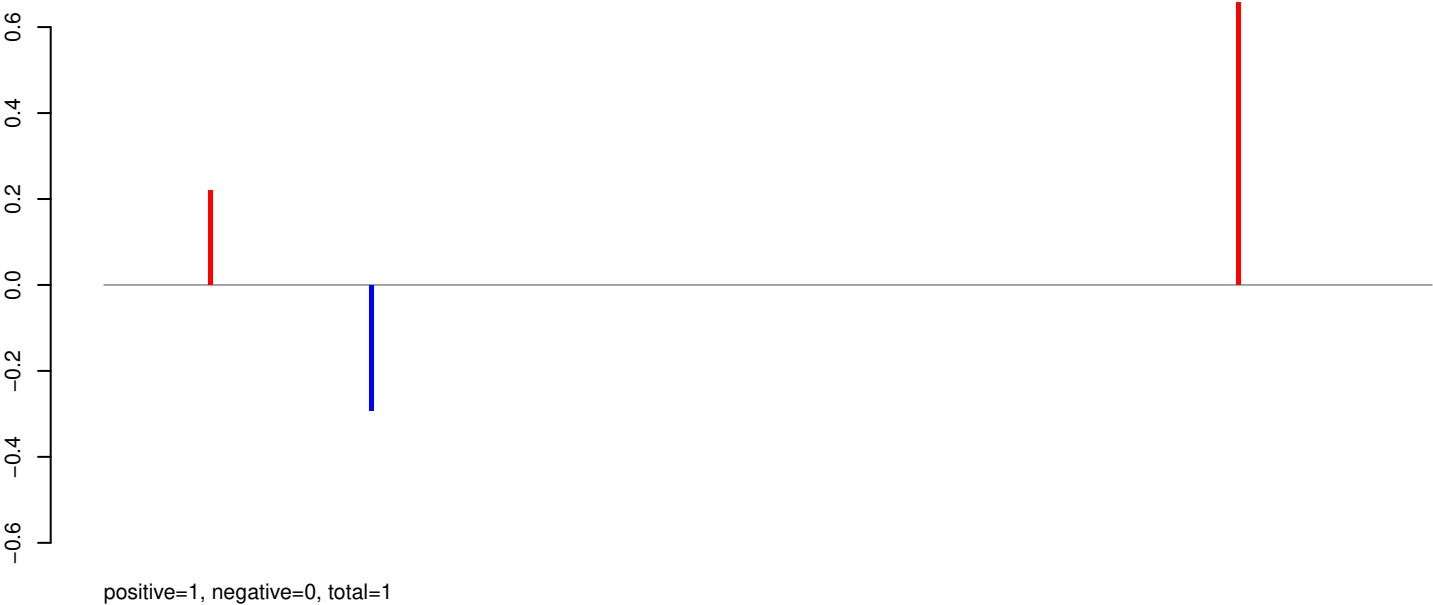
Window size=25, length=7027, TE@TF000388-Ty3\_gypsy\_Element107:1-7027

0 1000 2000 3000 4000 5000 6000 7000

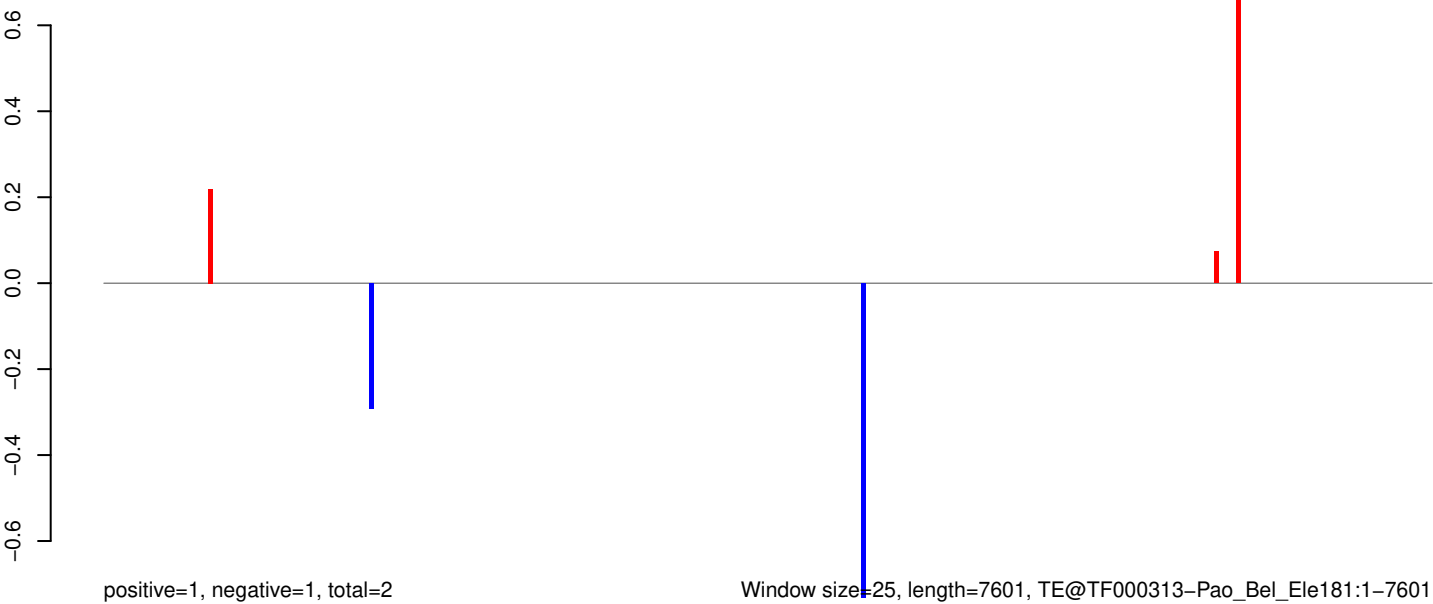
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

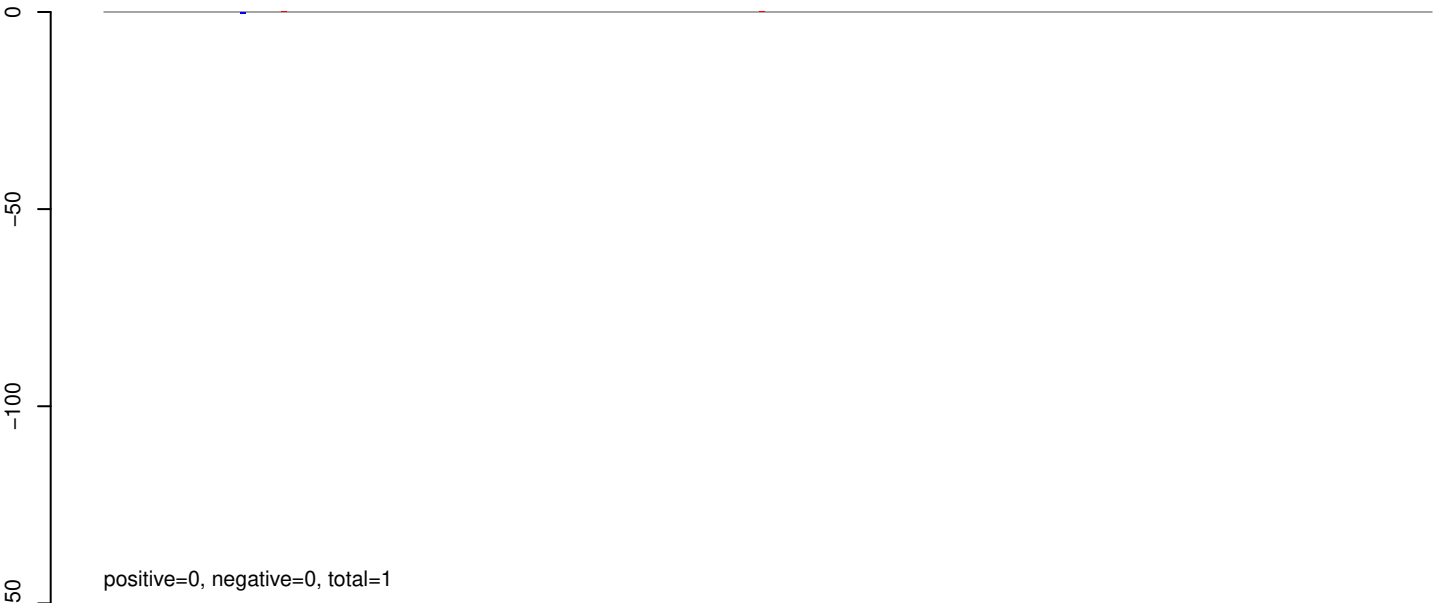


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=7601, TE@TF000313-Pao\_Bel\_Ele181:1-7601

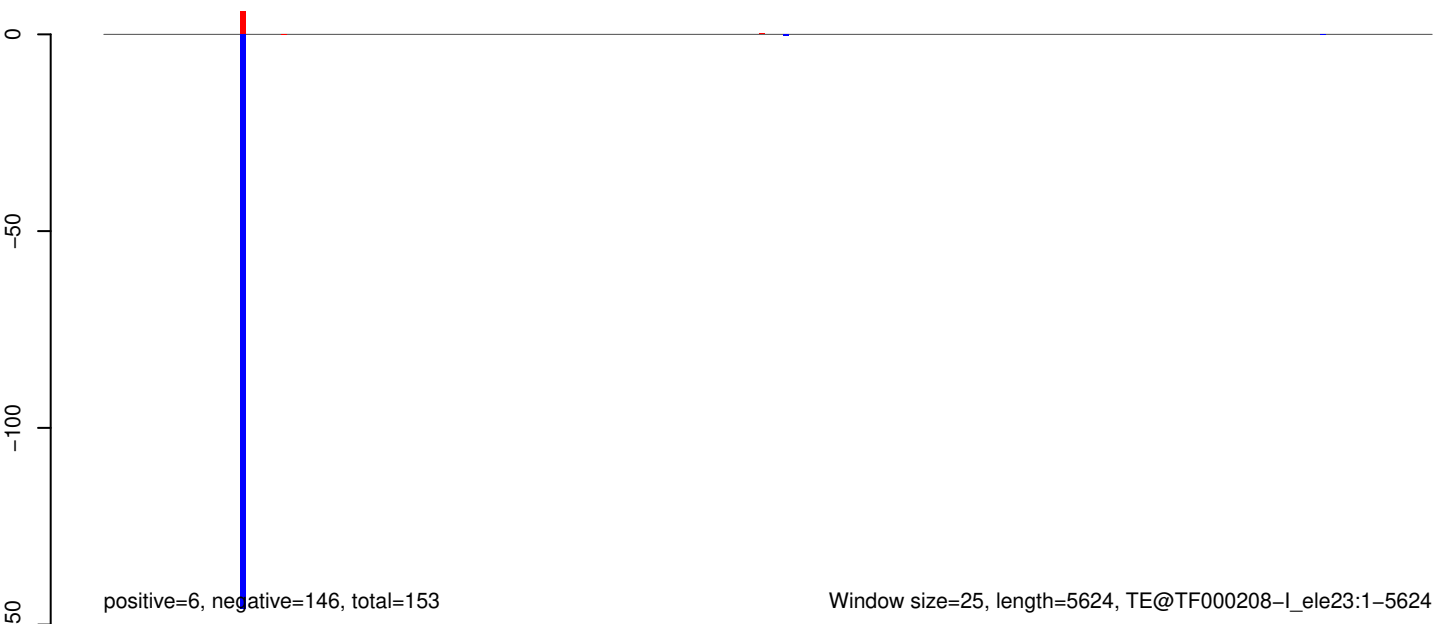
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



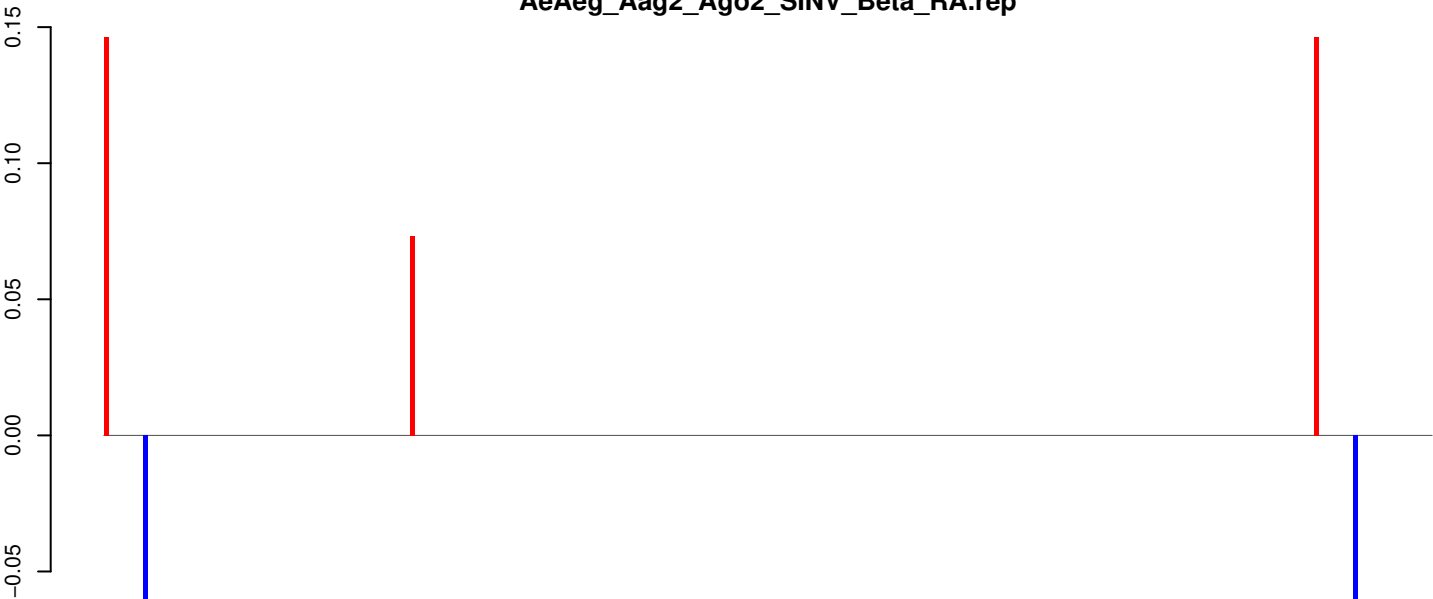
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

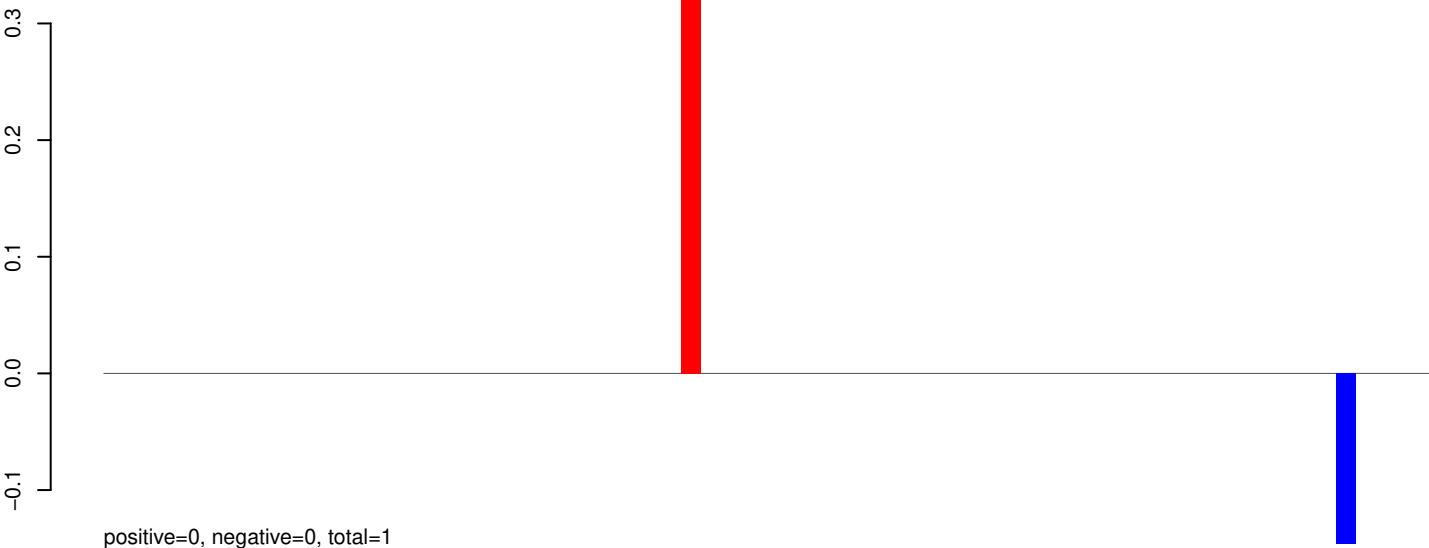


positive=0, negative=0, total=1

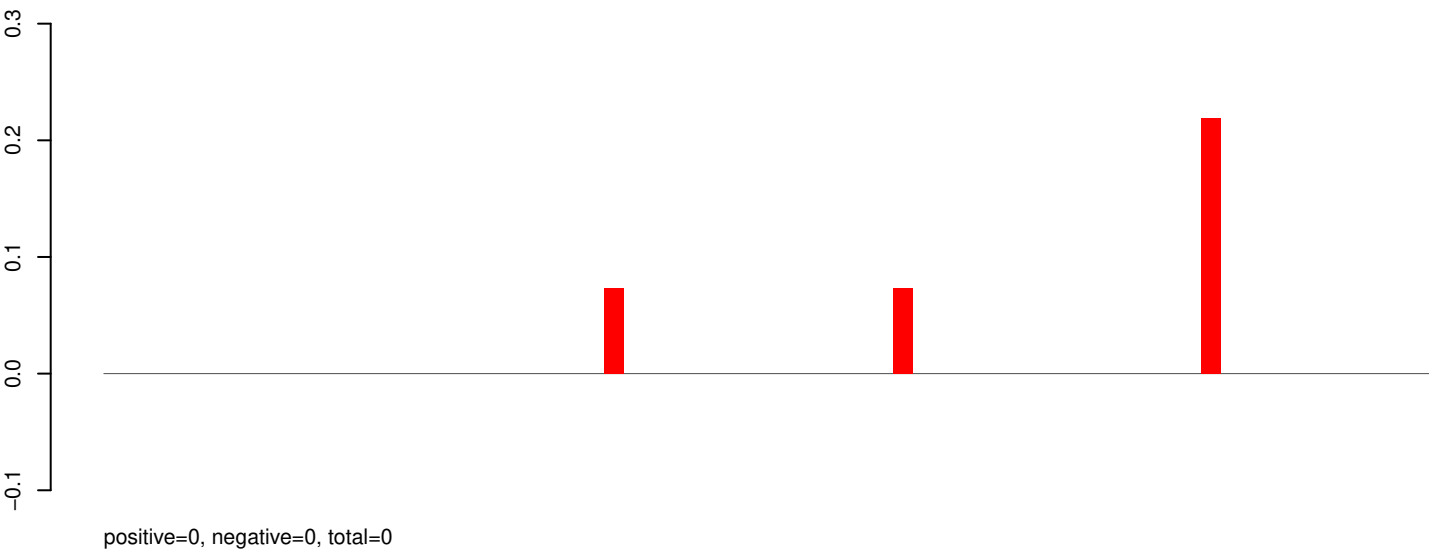
Window size=25, length=6714, TE@TF000128-Ty3\_gypsy\_Ele3711-6714

0 1000 2000 3000 4000 5000 6000 7000

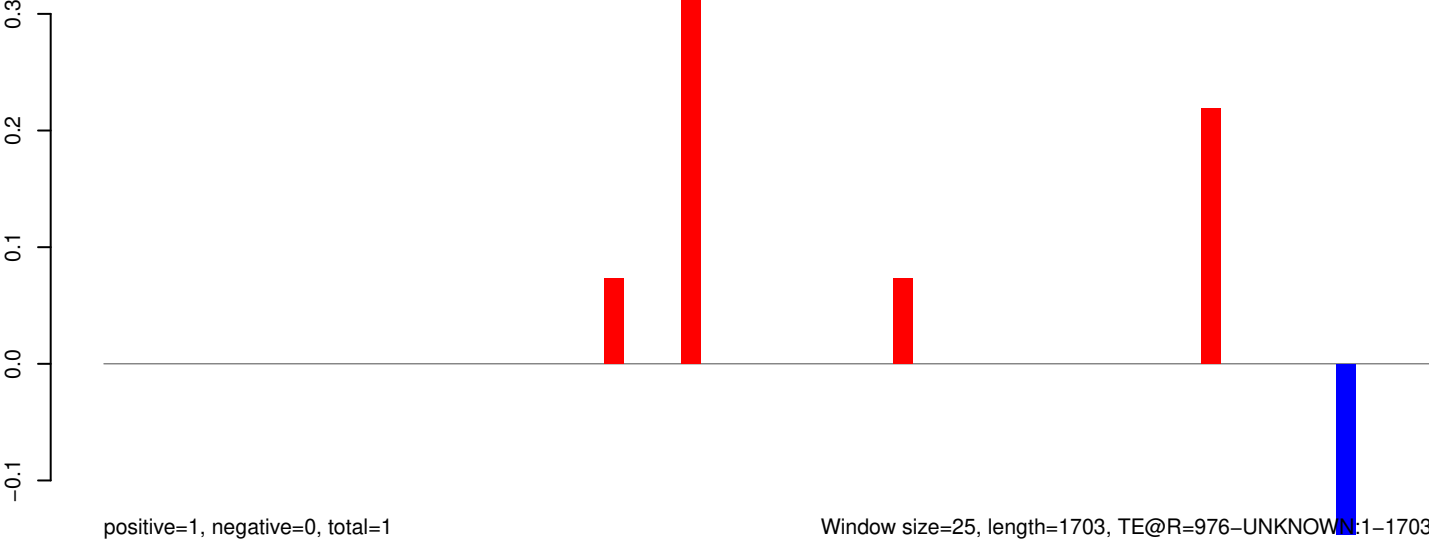
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

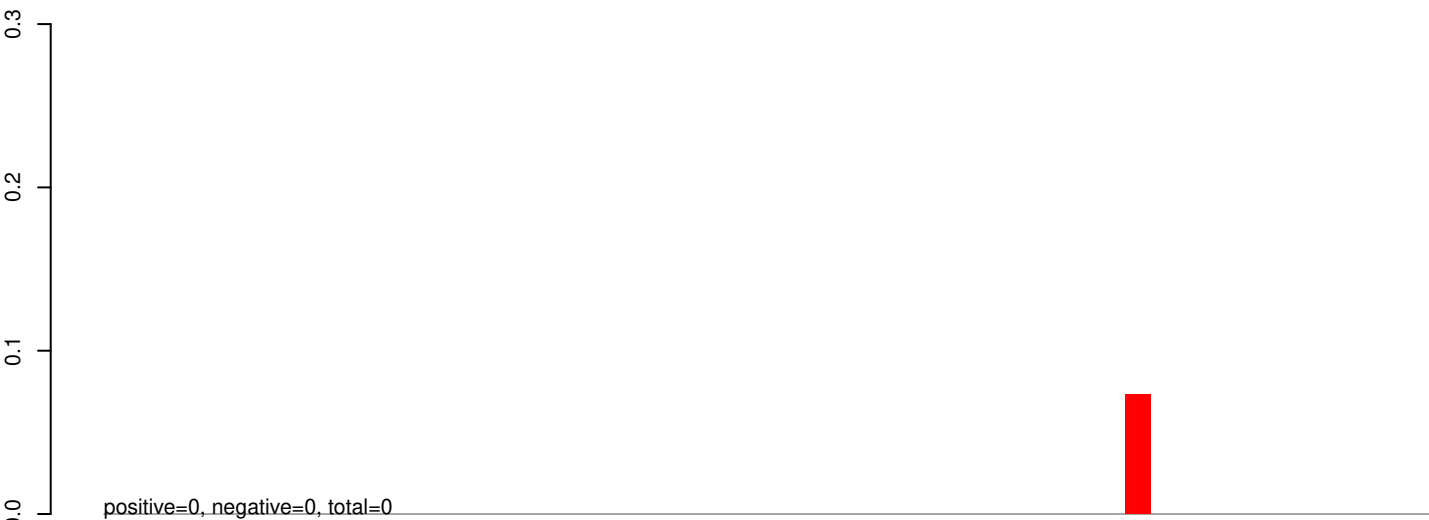


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

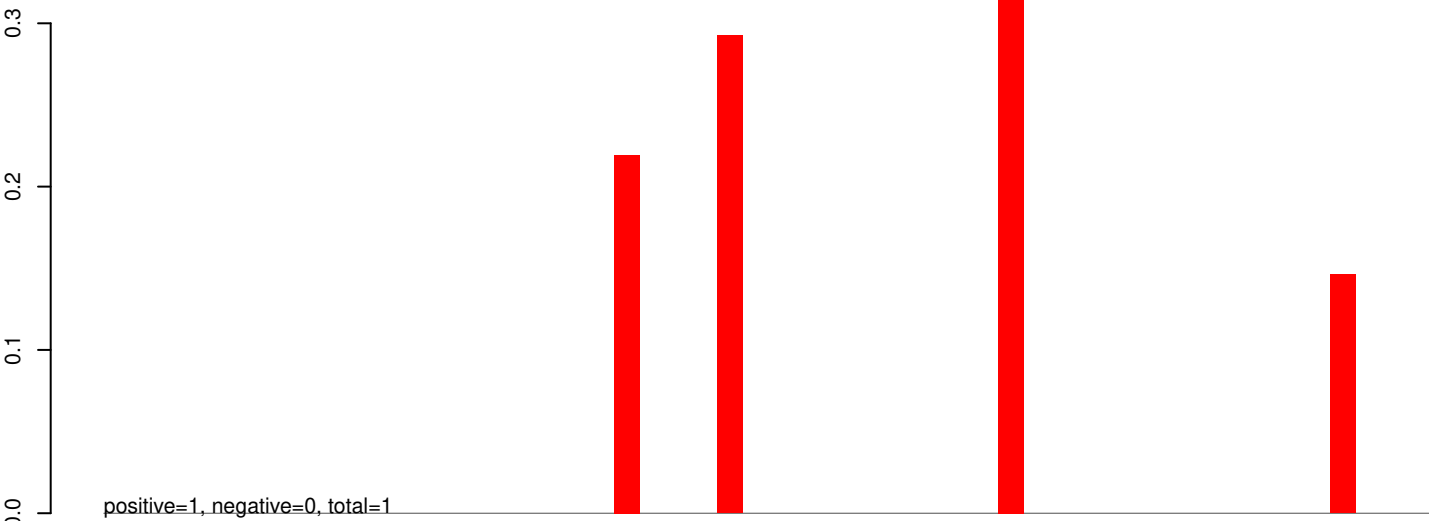


Window size=25, length=1703, TE@R=976-UNKNOWN:1-1703

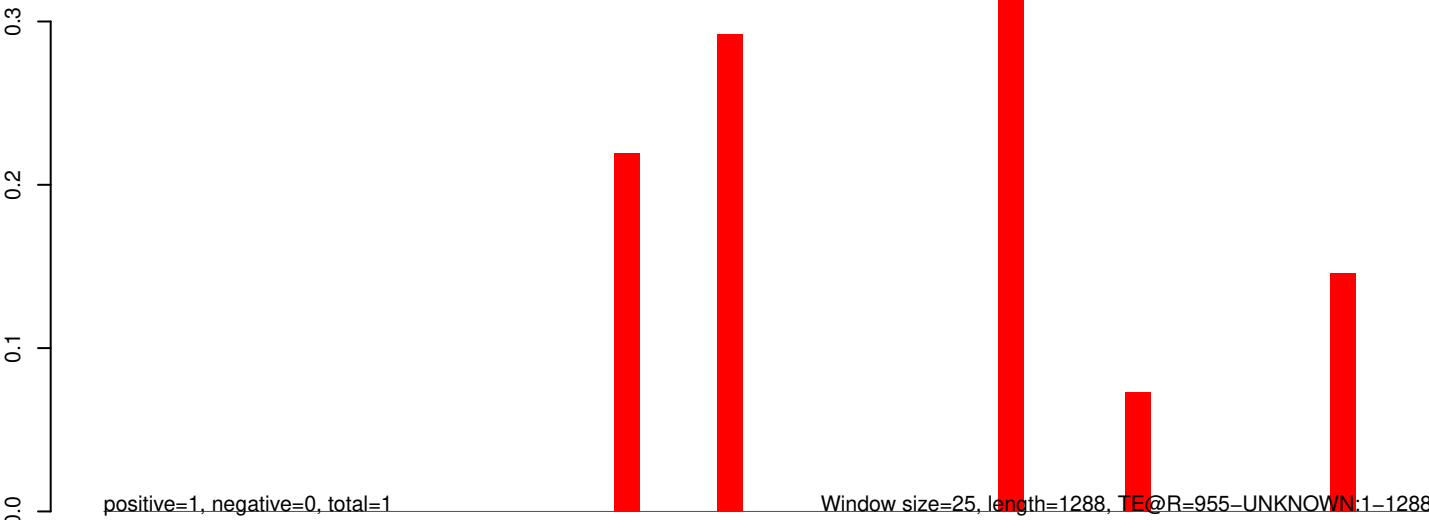
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



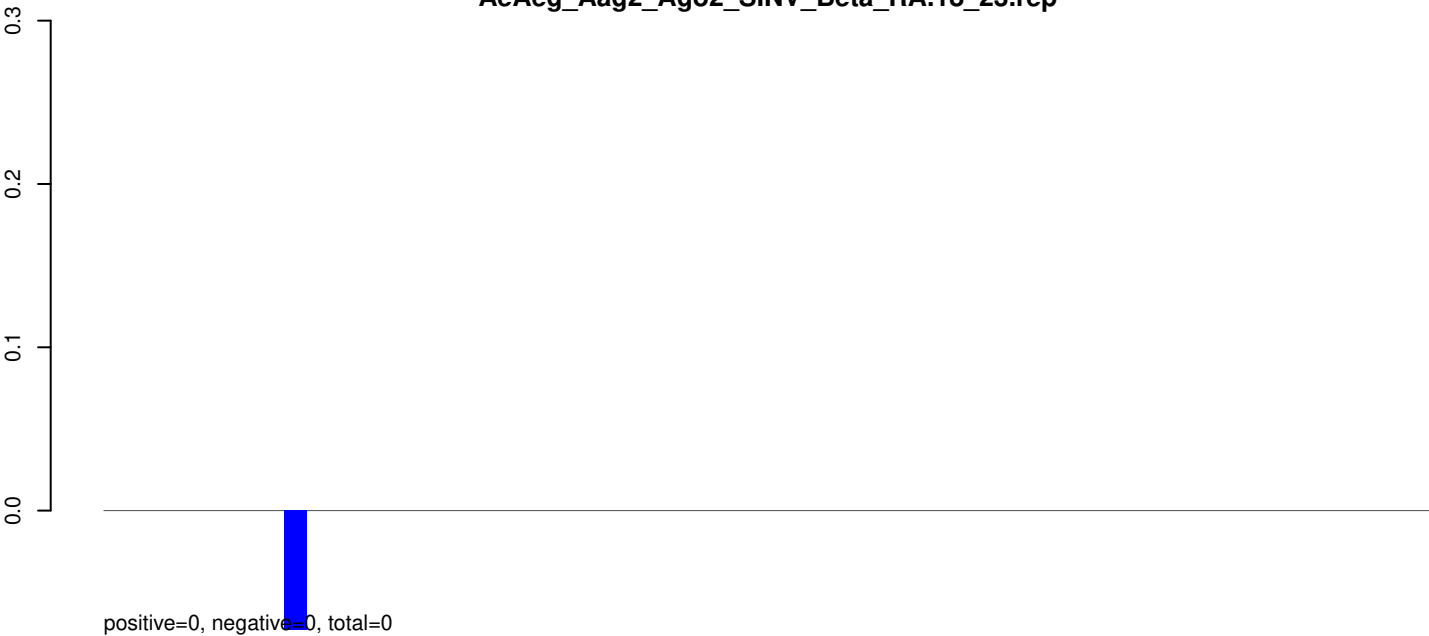
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



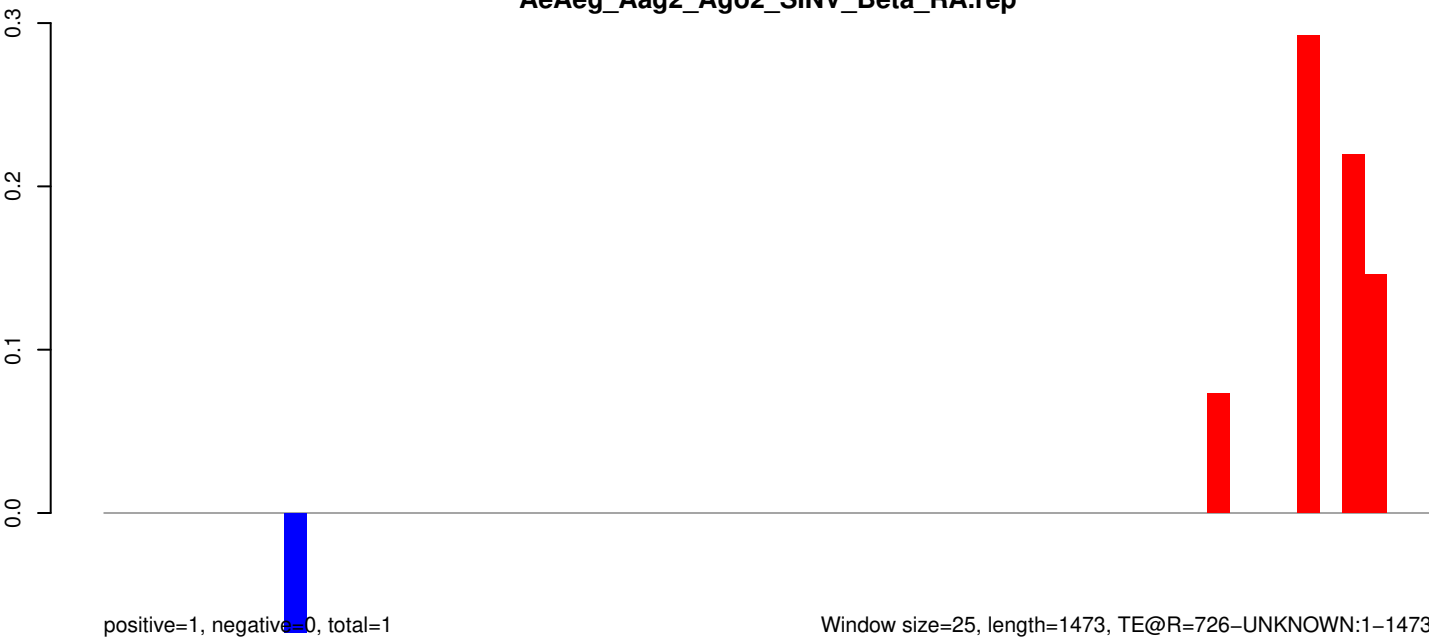
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



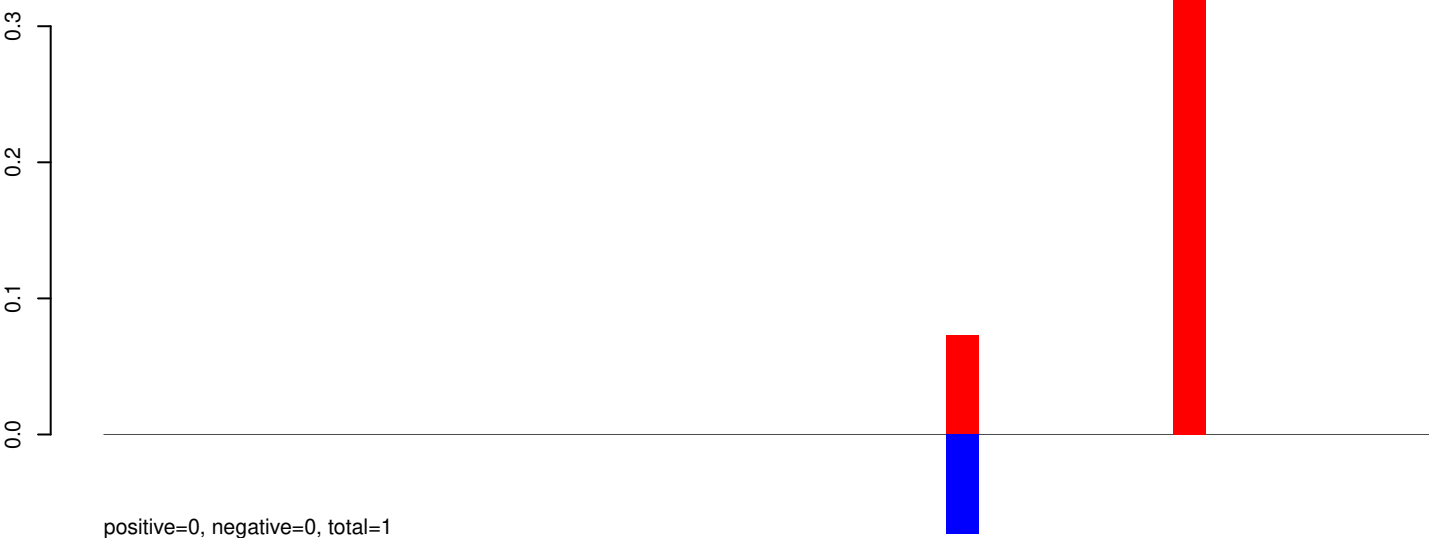
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



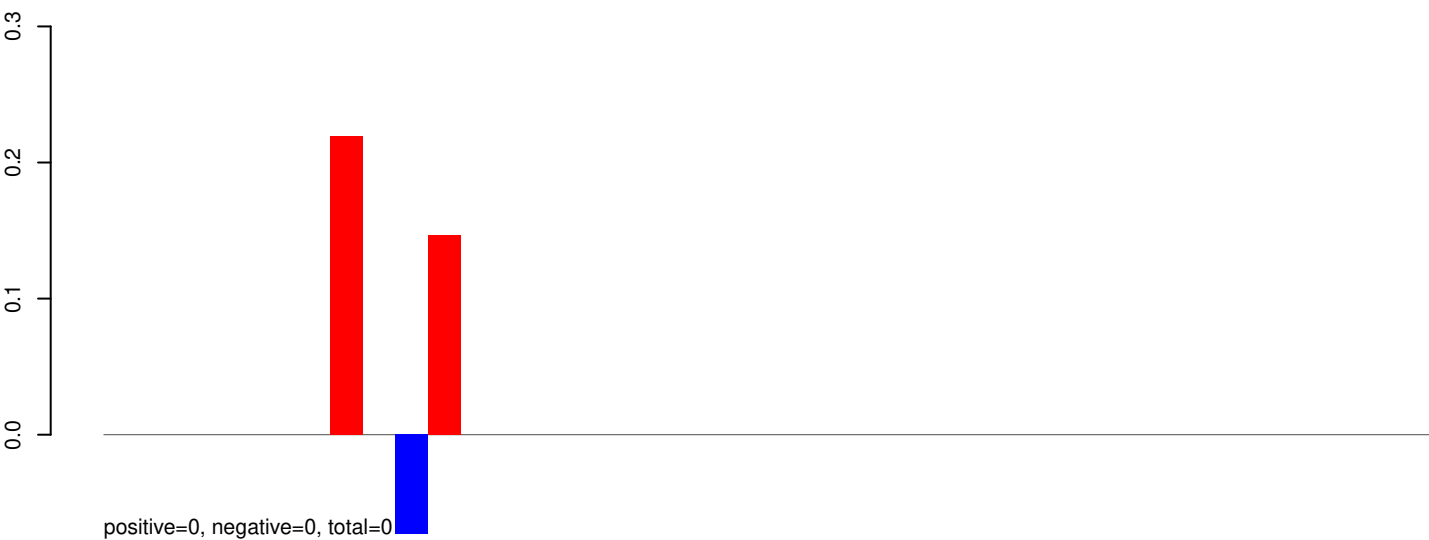
Window size=25, length=1473, TE@R=726-UNKNOWN:1-1473



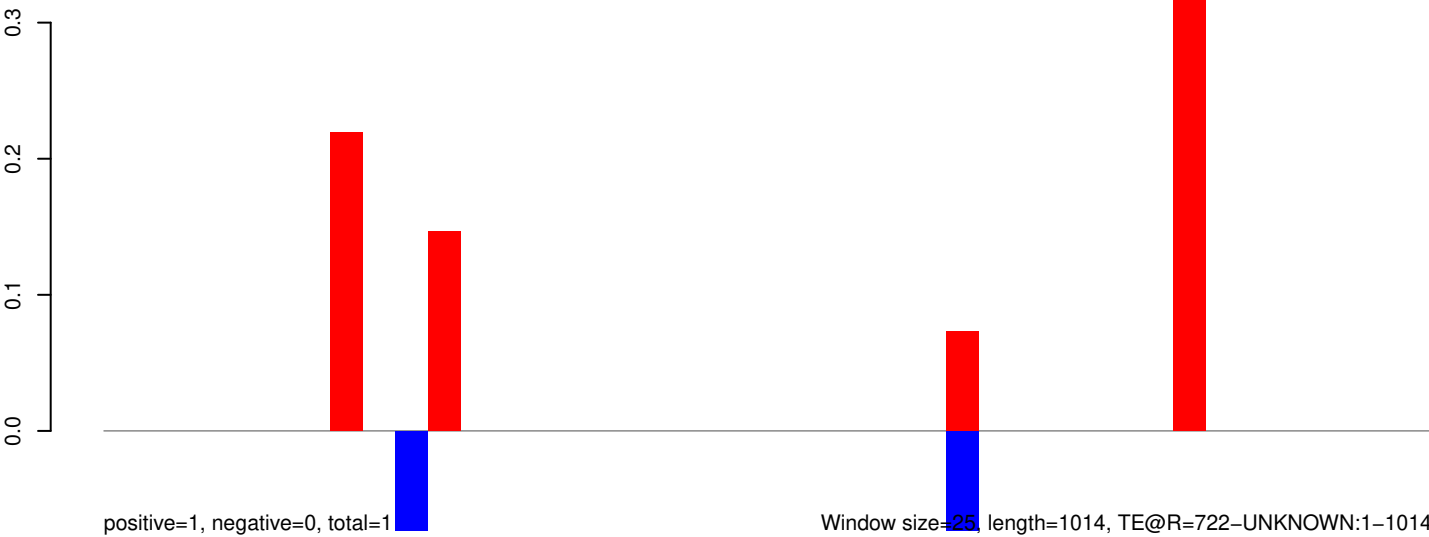
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=1014, TE@R=722-UNKNOWN:1-1014

0 200 400 600 800 1000

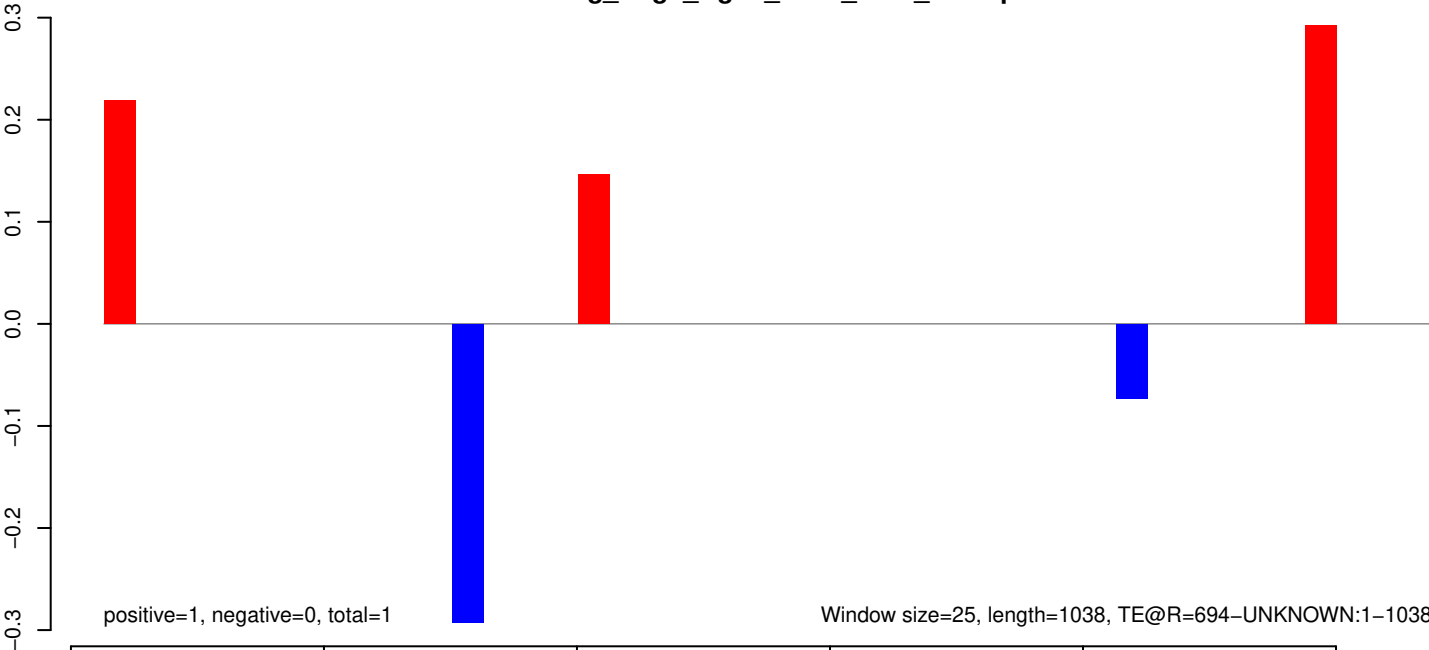
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



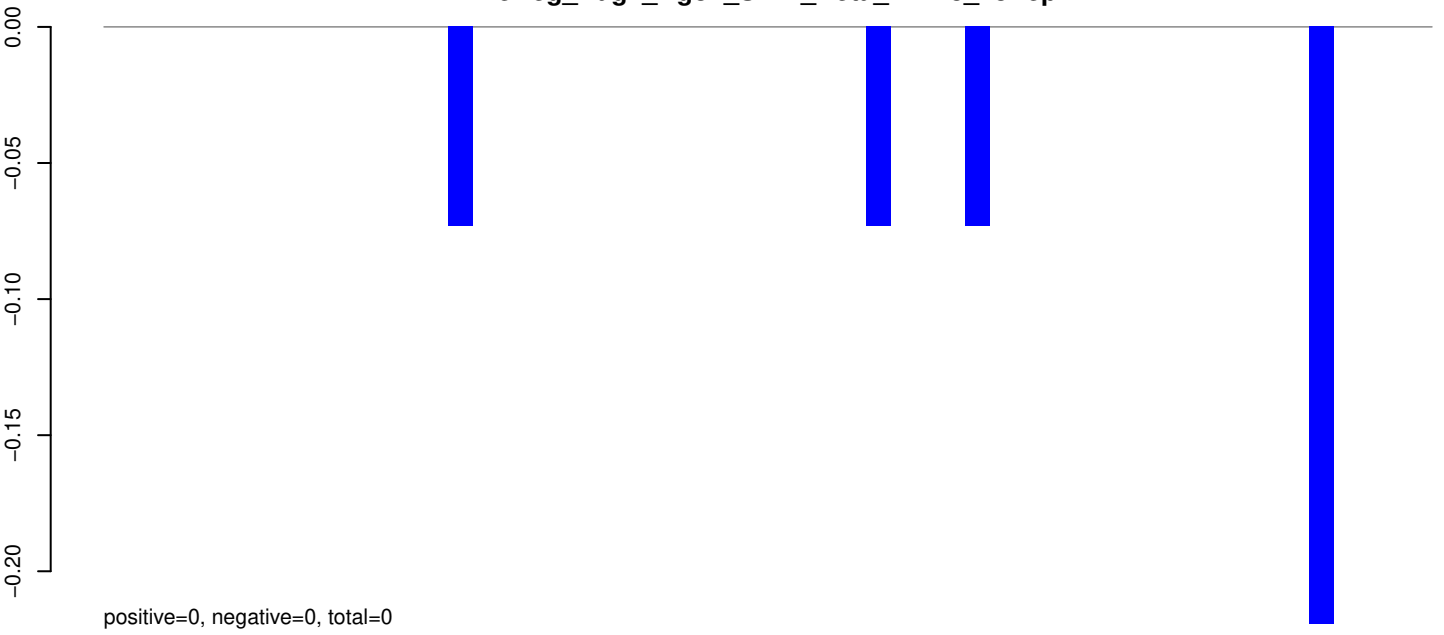
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



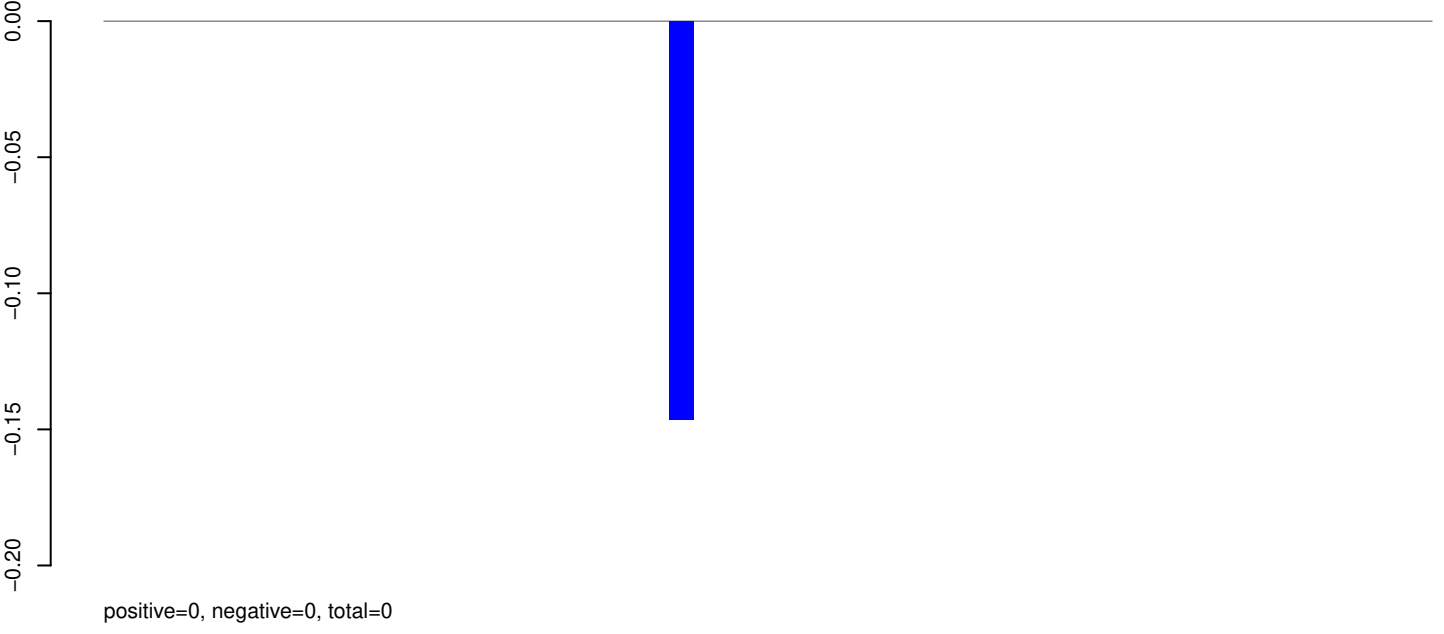
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



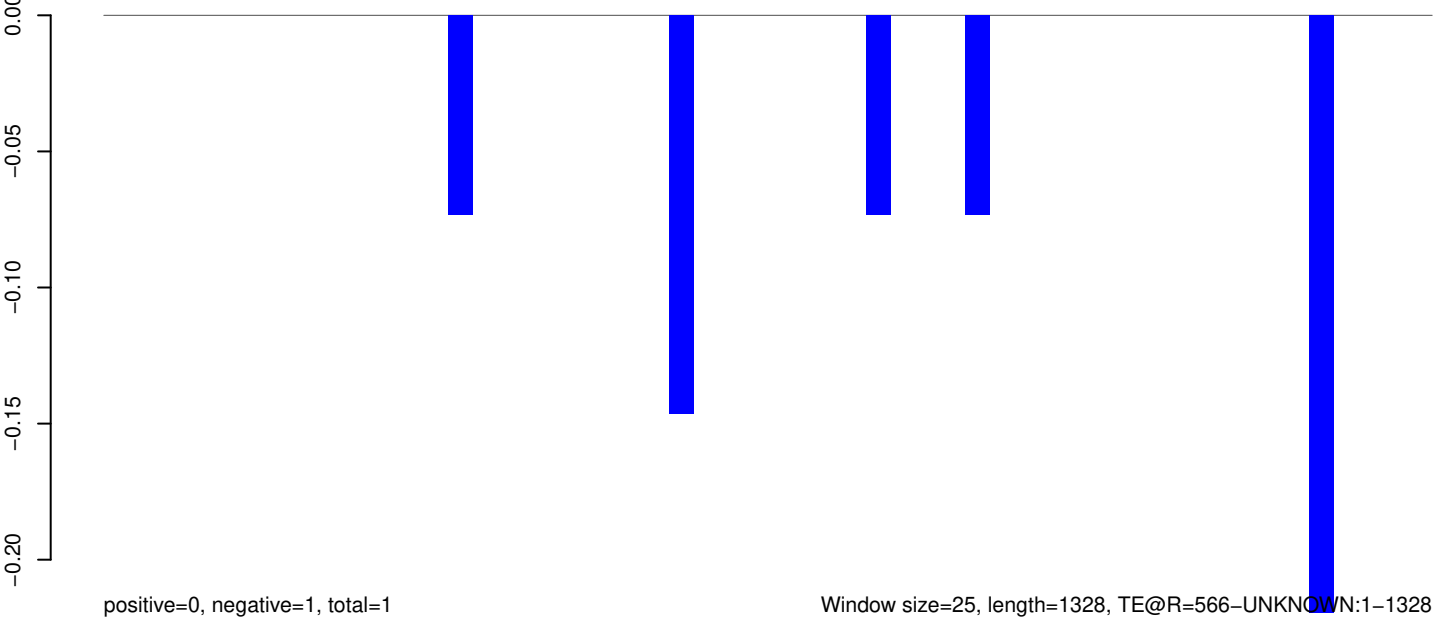
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



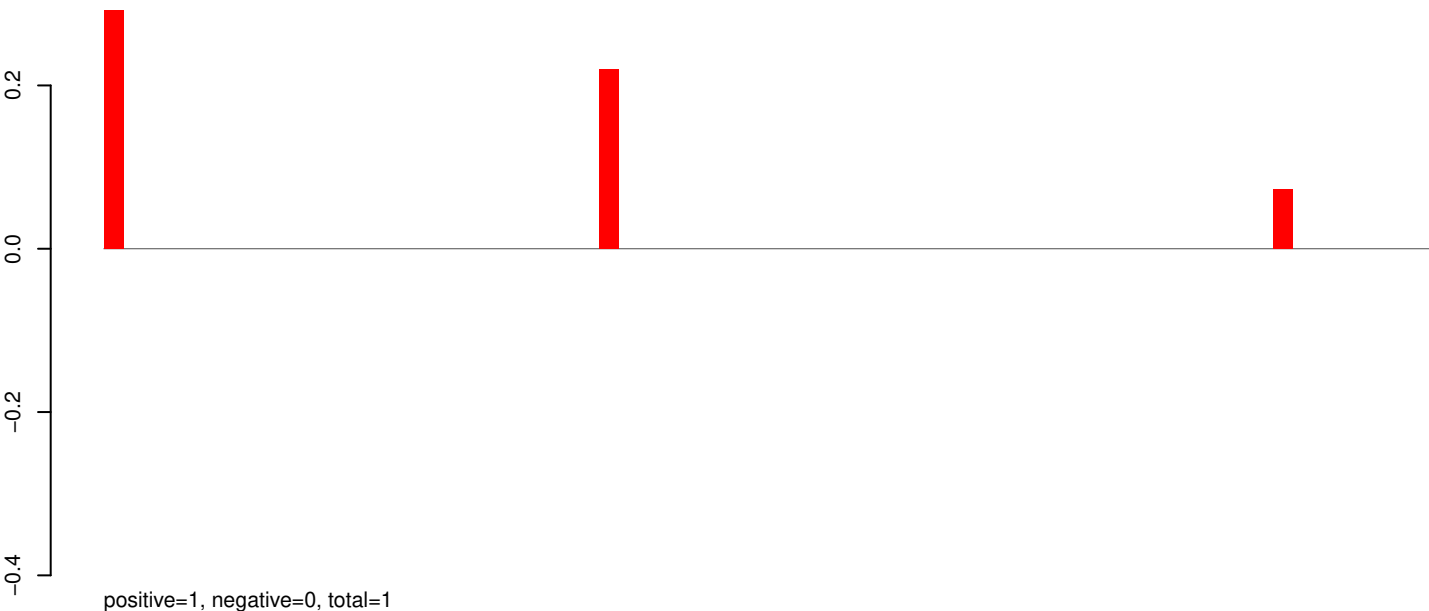
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



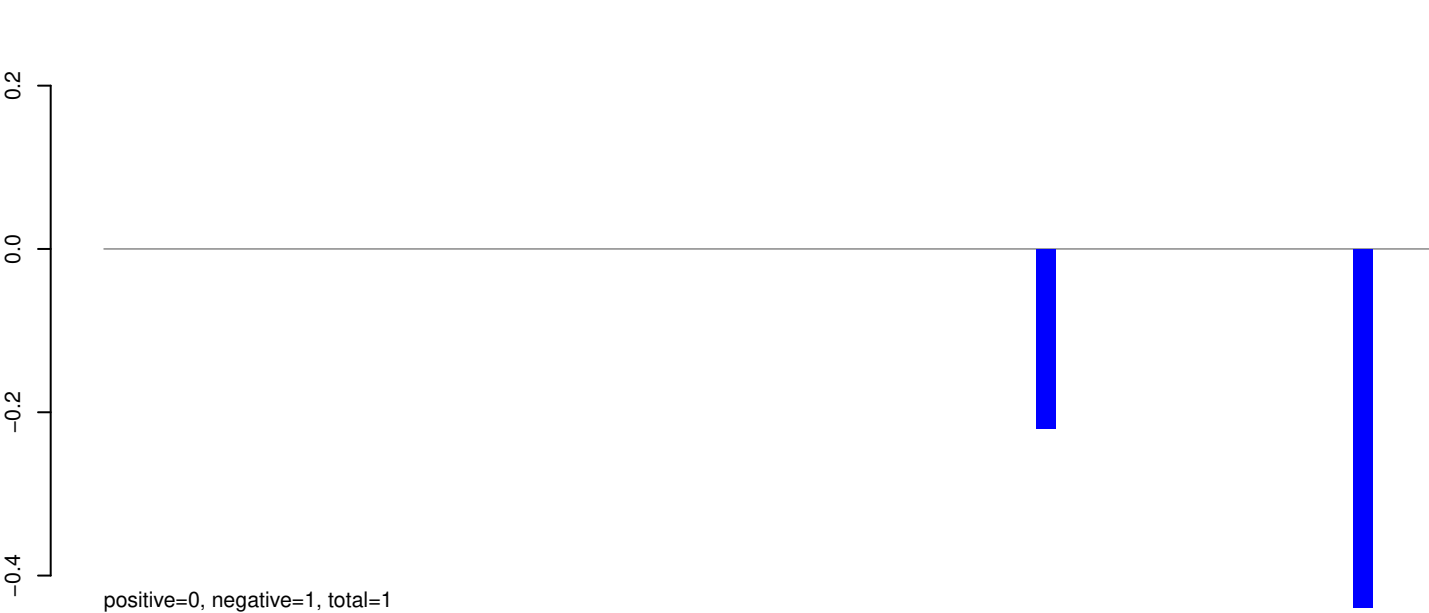
Window size=25, length=1328, TE@R=566-UNKNOWN:1-1328

0 200 400 600 800 1000 1200 1400

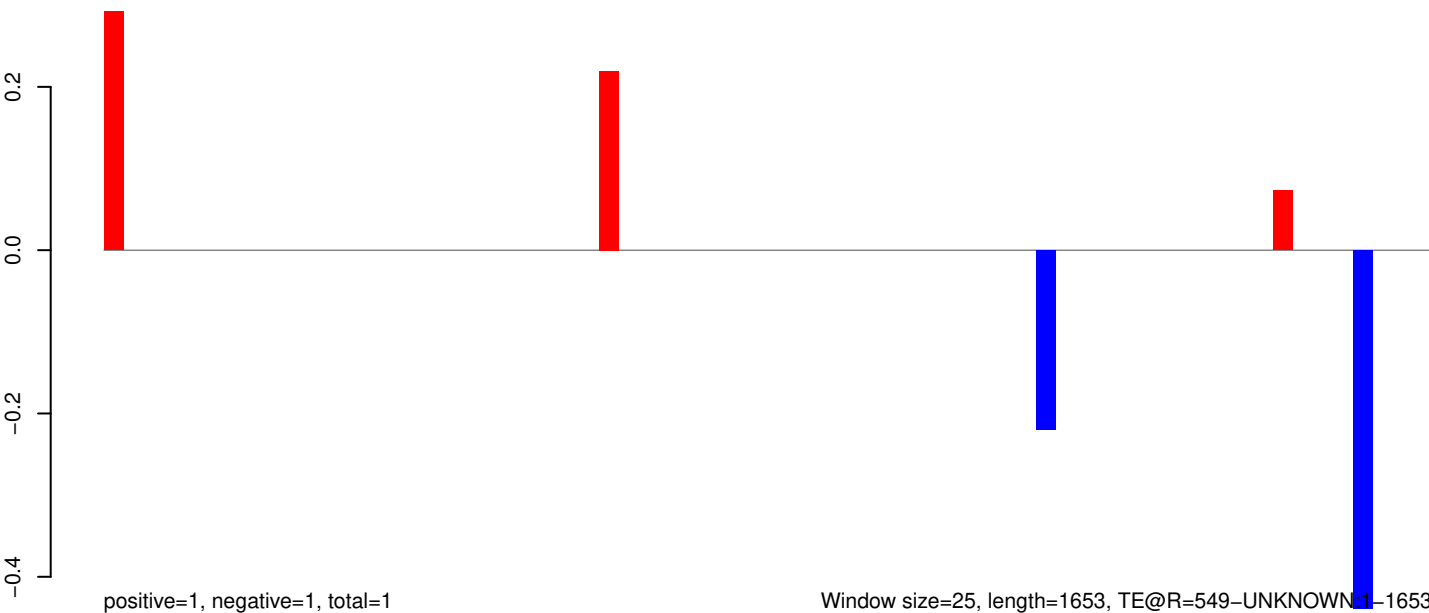
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



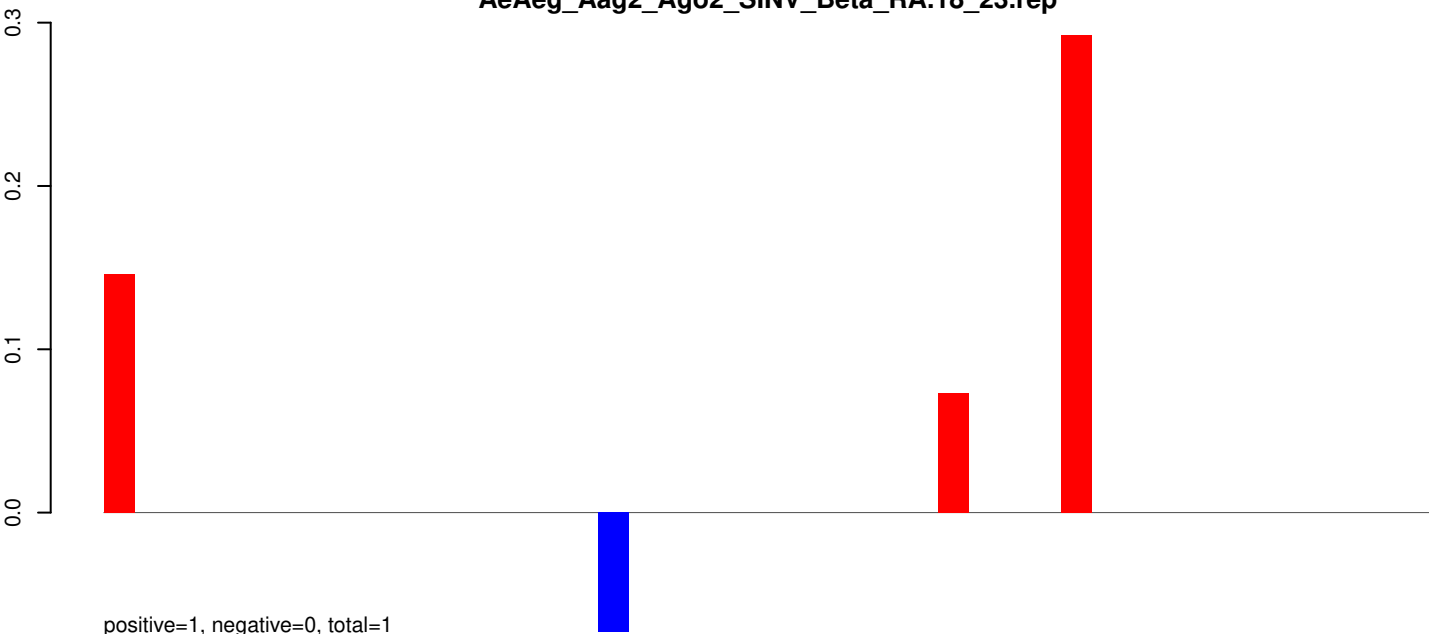
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=1653, TE@R=549-UNKNOWN1-1653

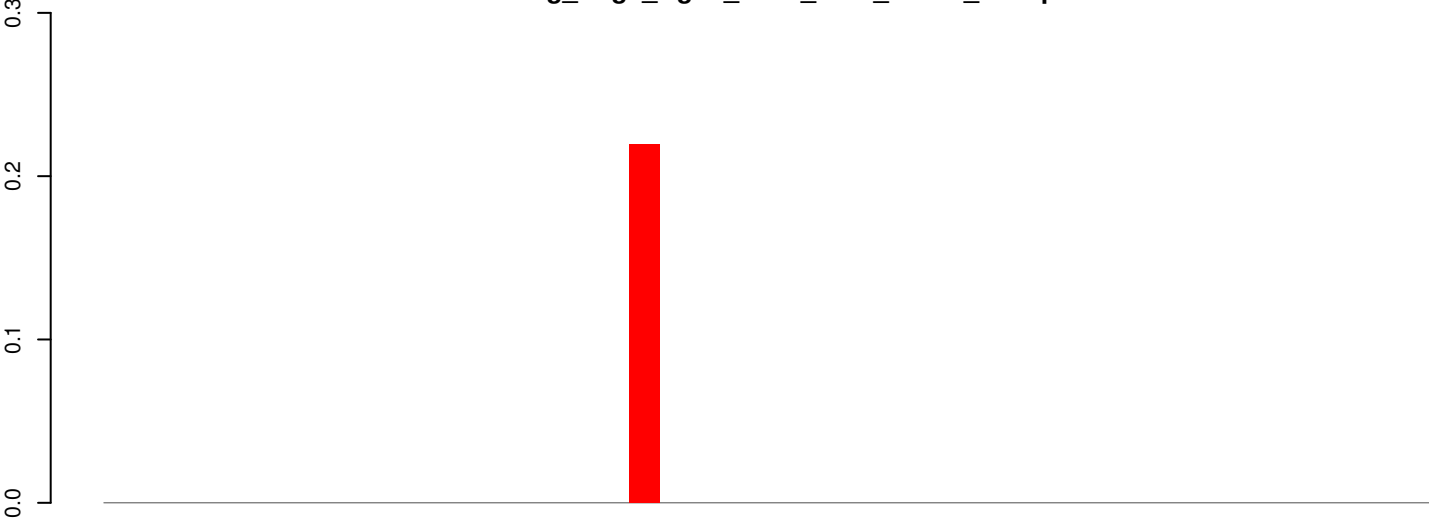
0 500 1000 1500

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



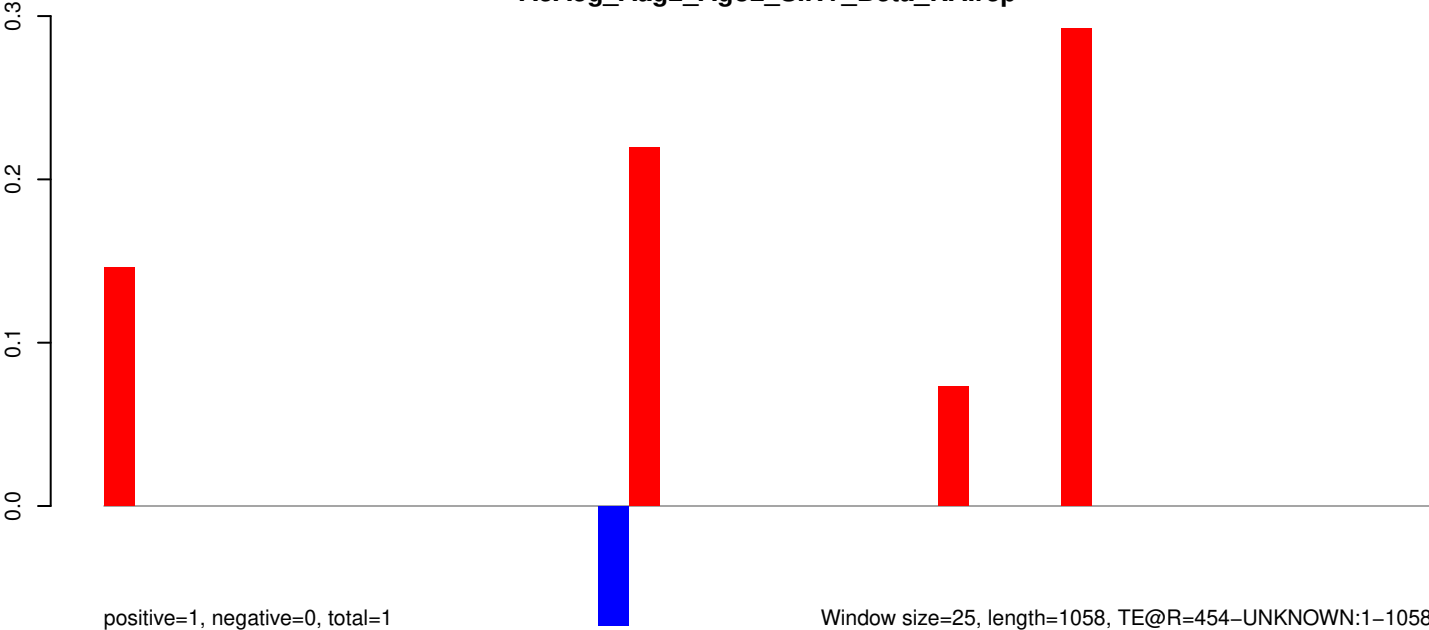
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

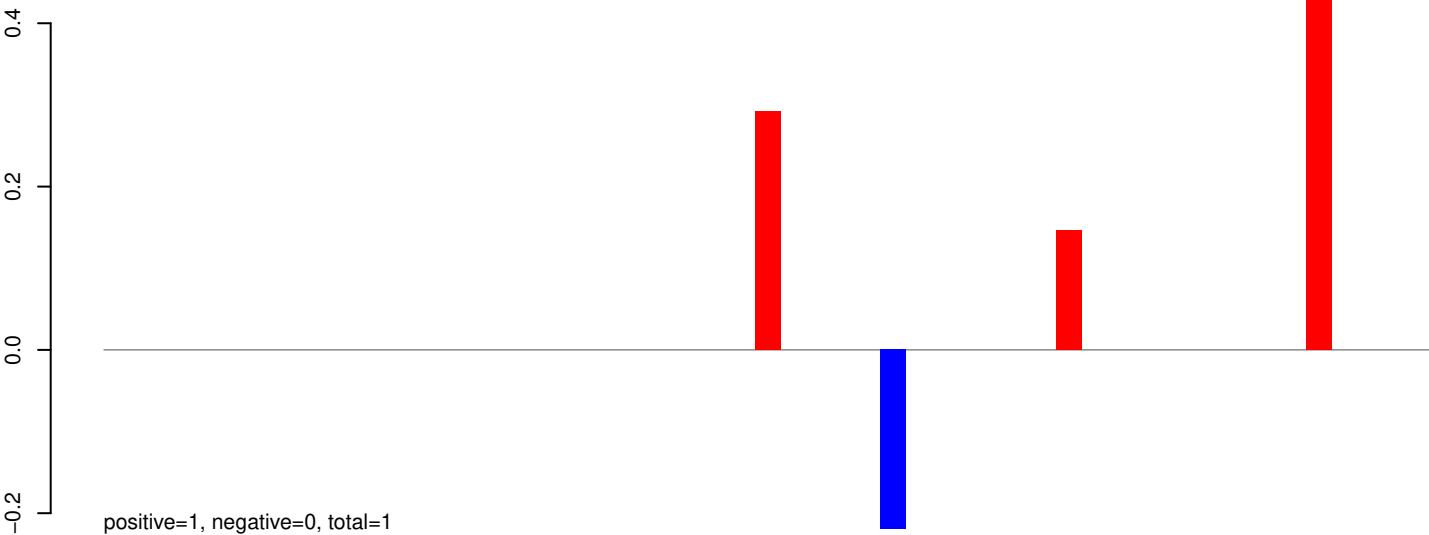


positive=1, negative=0, total=1

Window size=25, length=1058, TE@R=454-UNKNOWN:1-1058

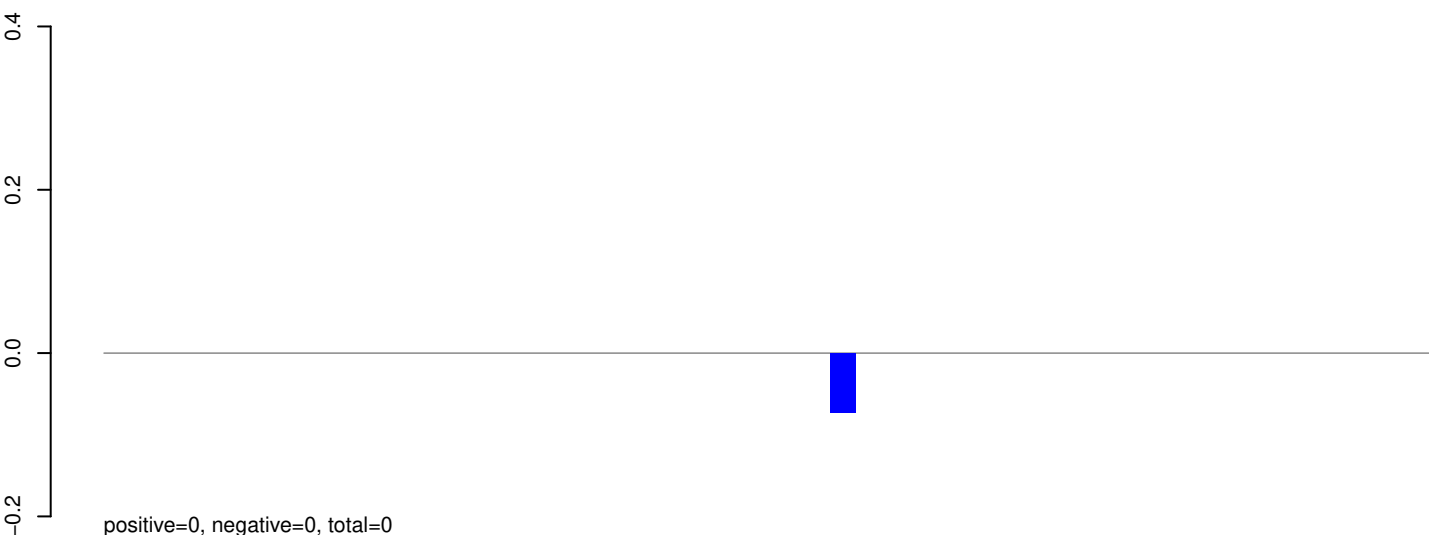
0 200 400 600 800 1000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



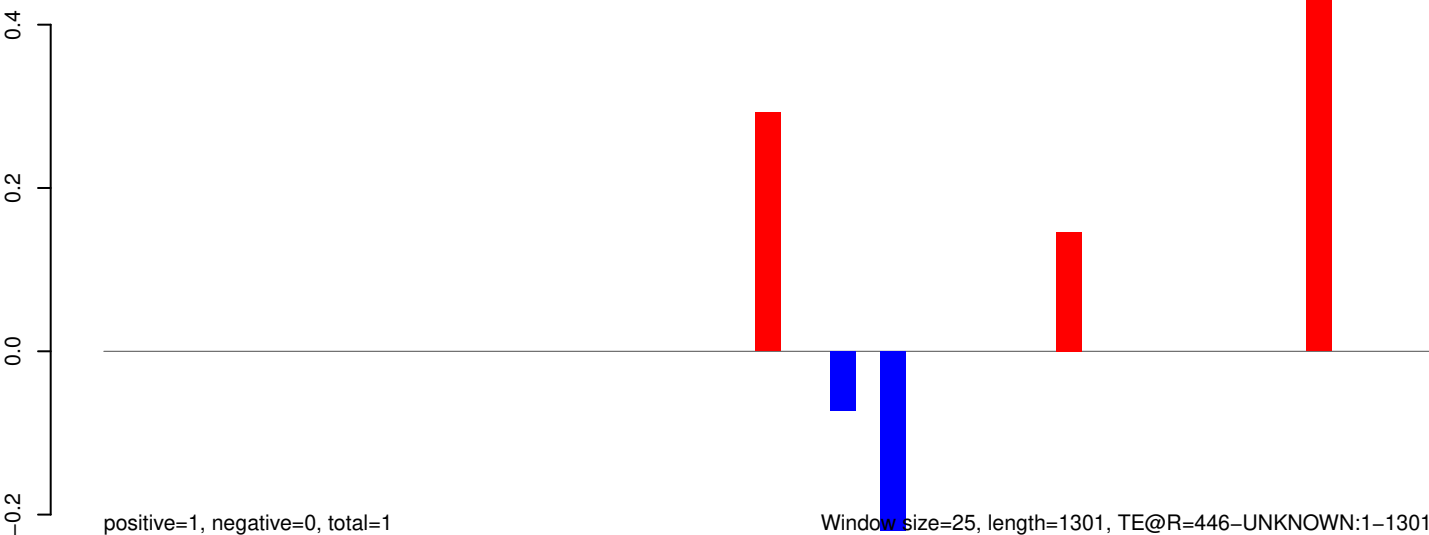
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

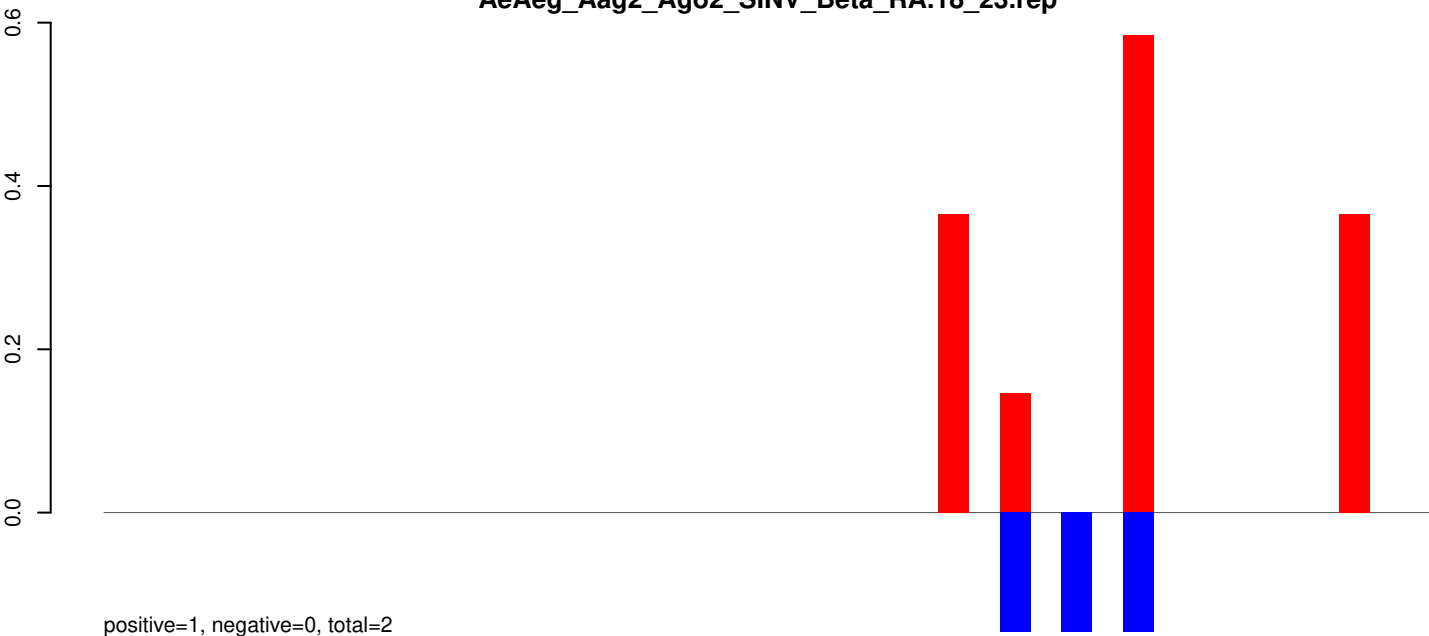


positive=1, negative=0, total=1

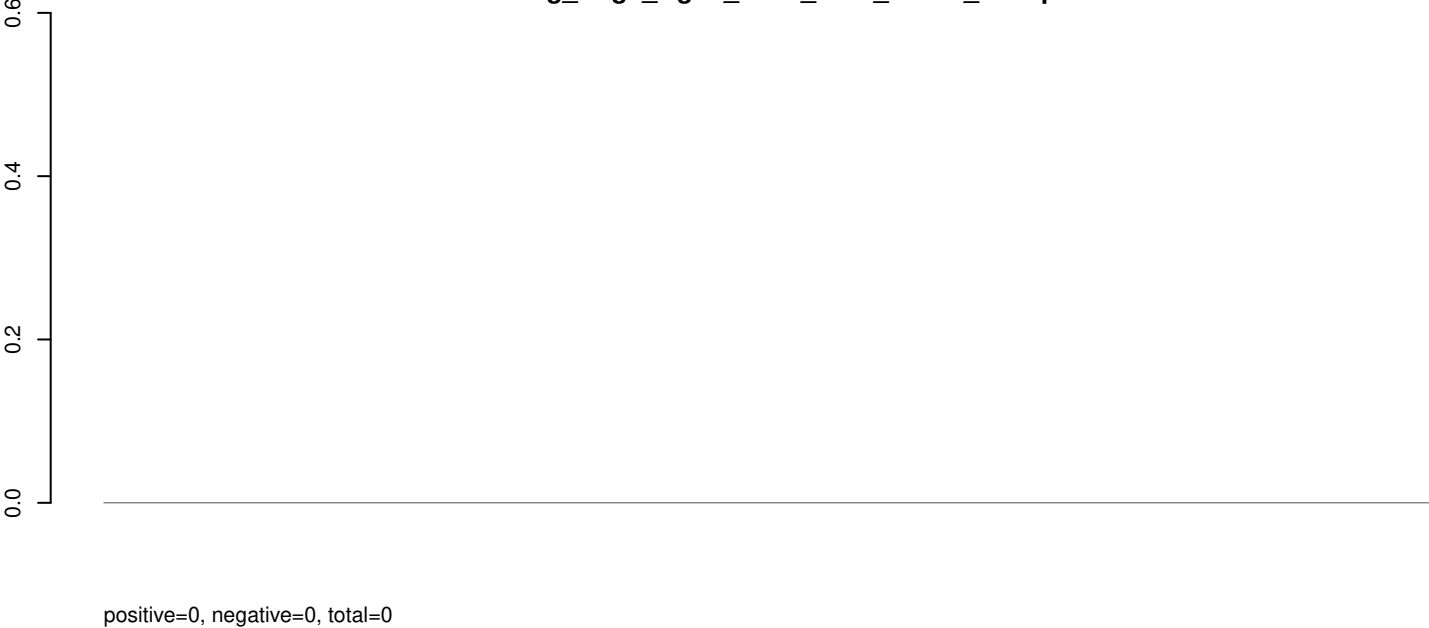
Window size=25, length=1301, TE@R=446-UNKNOWN:1-1301

0 200 400 600 800 1000 1200 1400

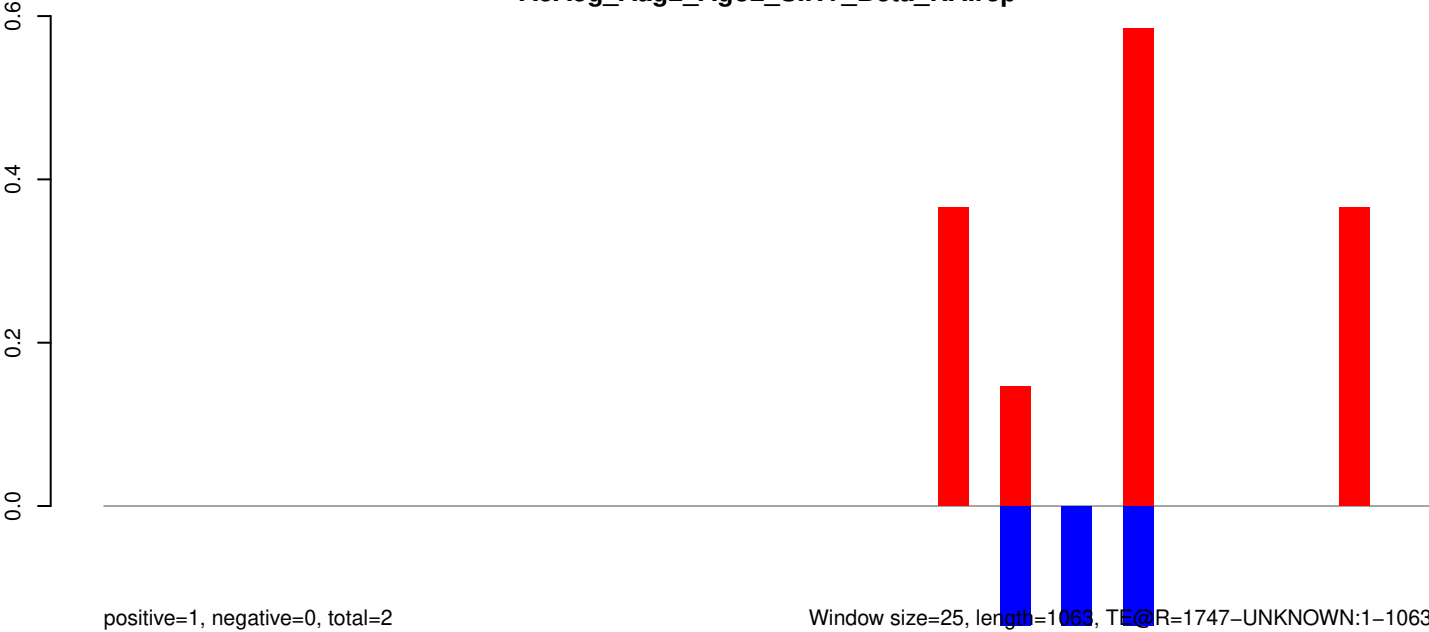
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



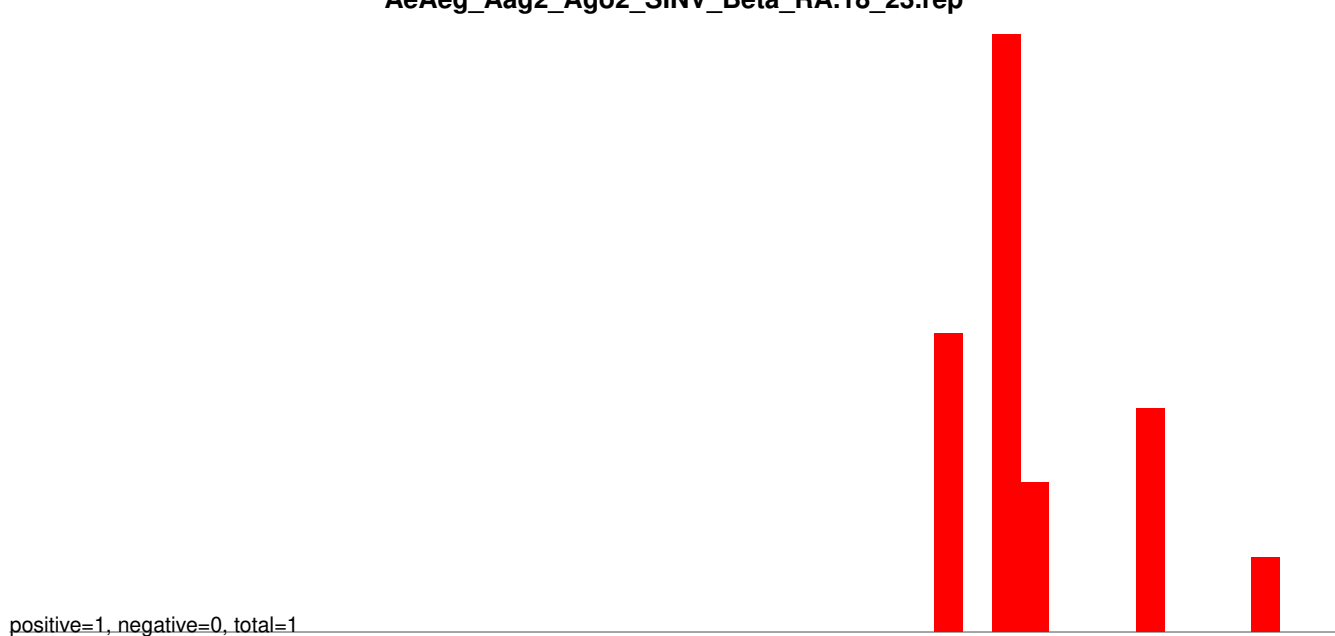
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



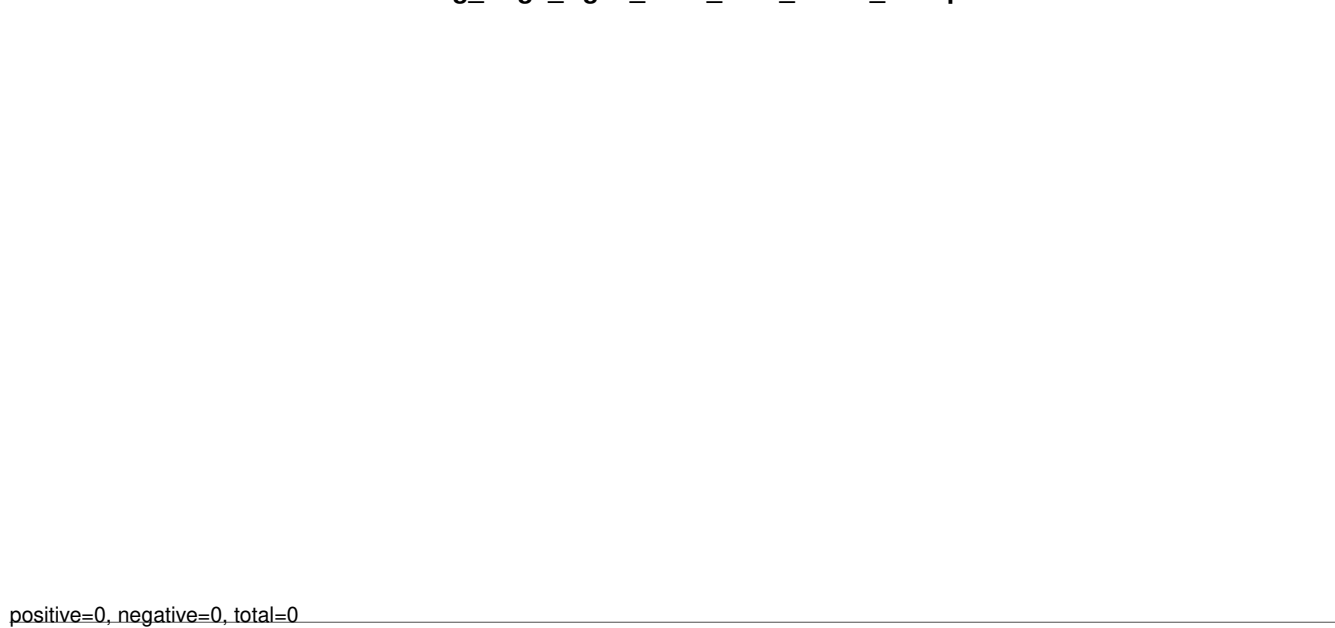
Window size=25, length=1063, TE@R=1747-UNKNOWN:1-1063

0 200 400 600 800 1000

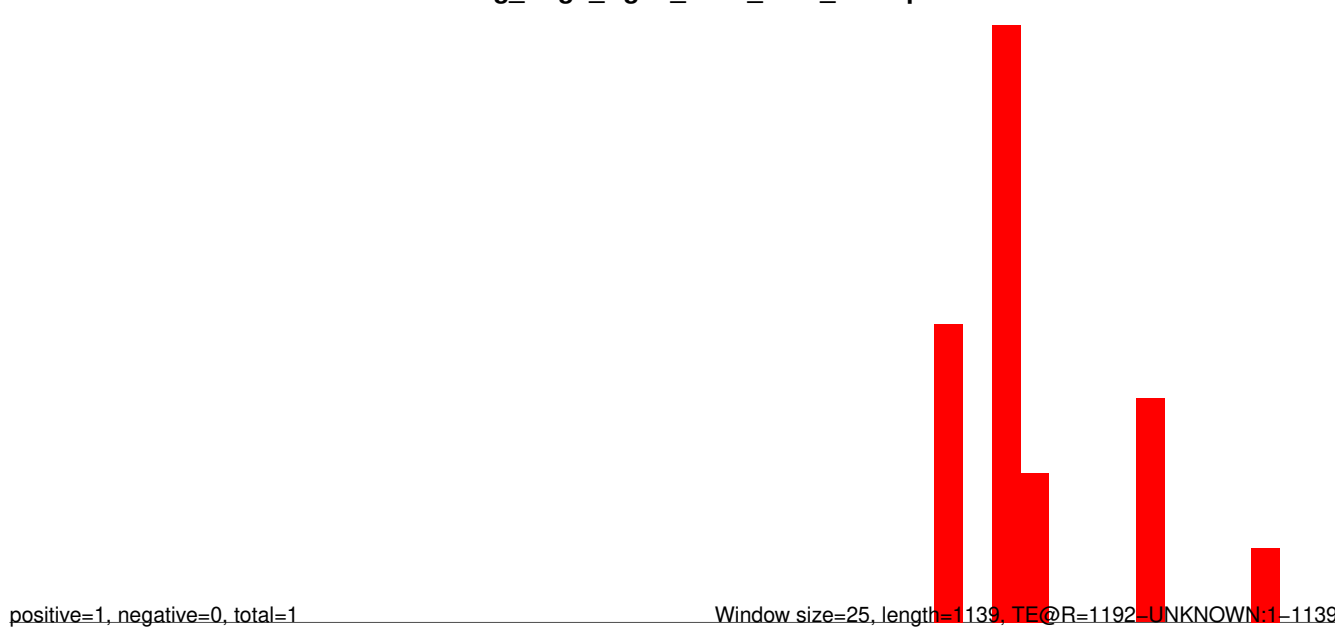
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

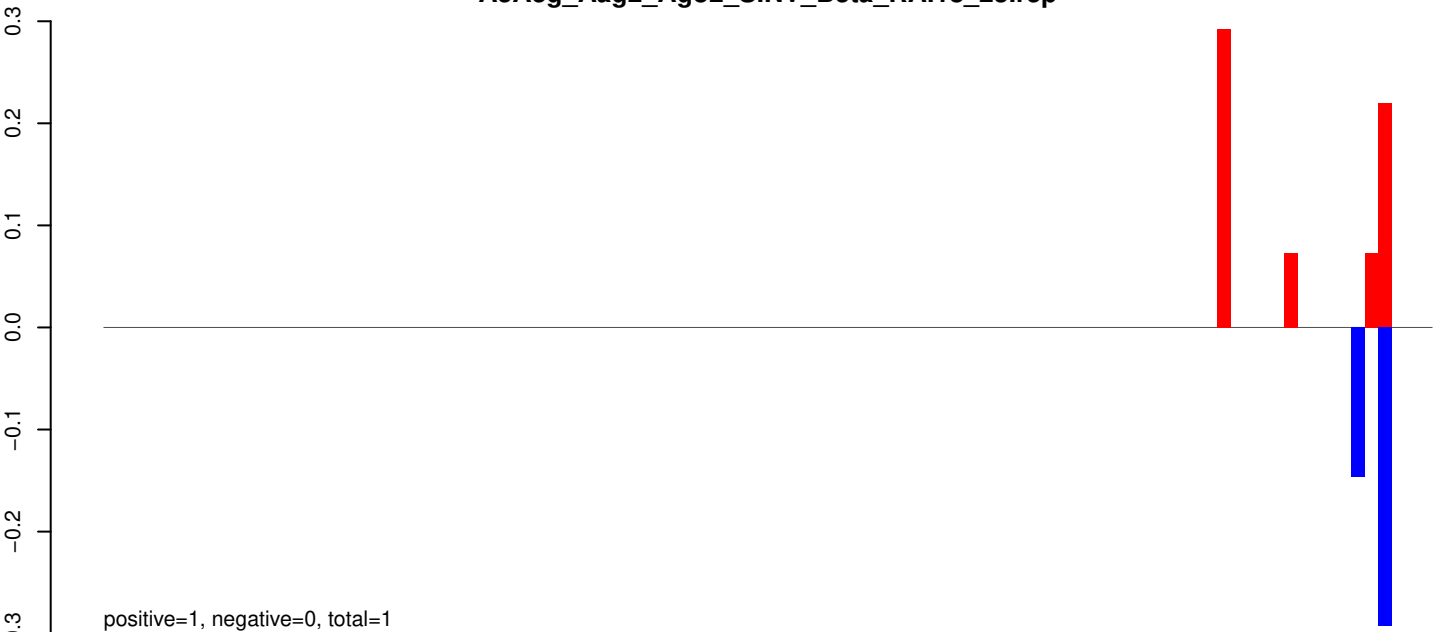


Window size=25, length=1139, TE@R=1192-UNKNOWN:1-1139

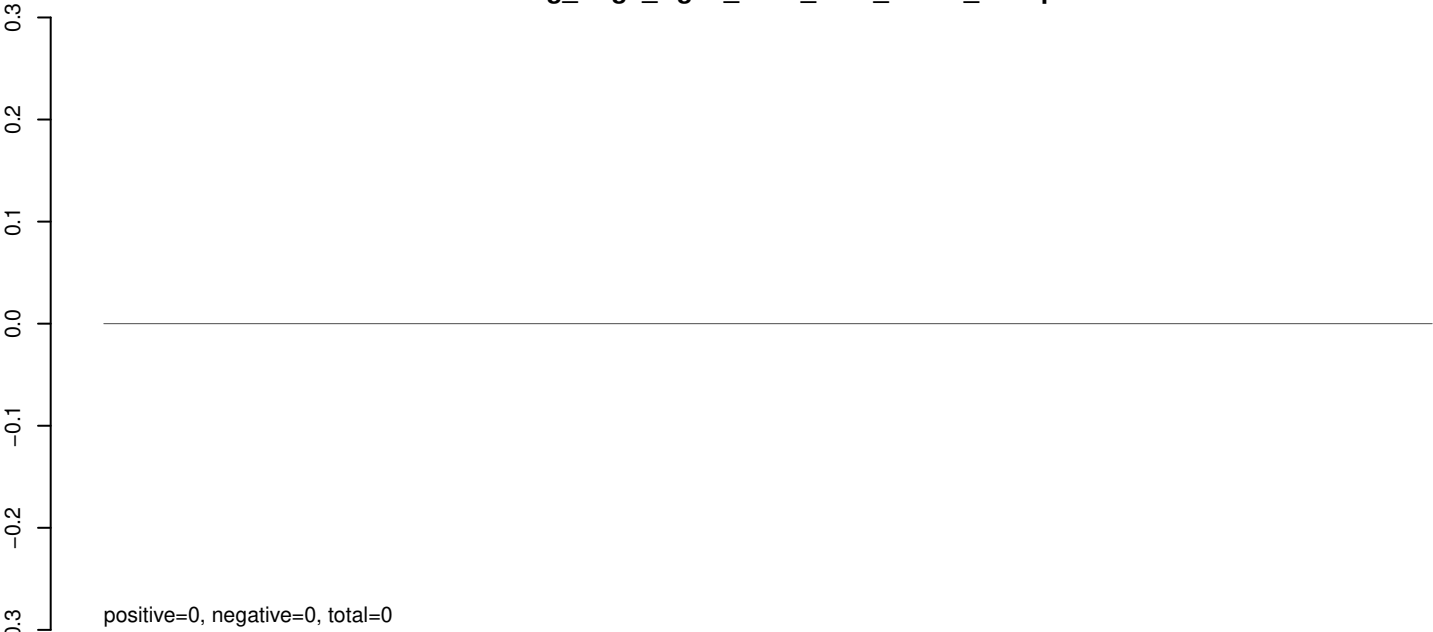
0 200 400 600 800 1000 1200



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



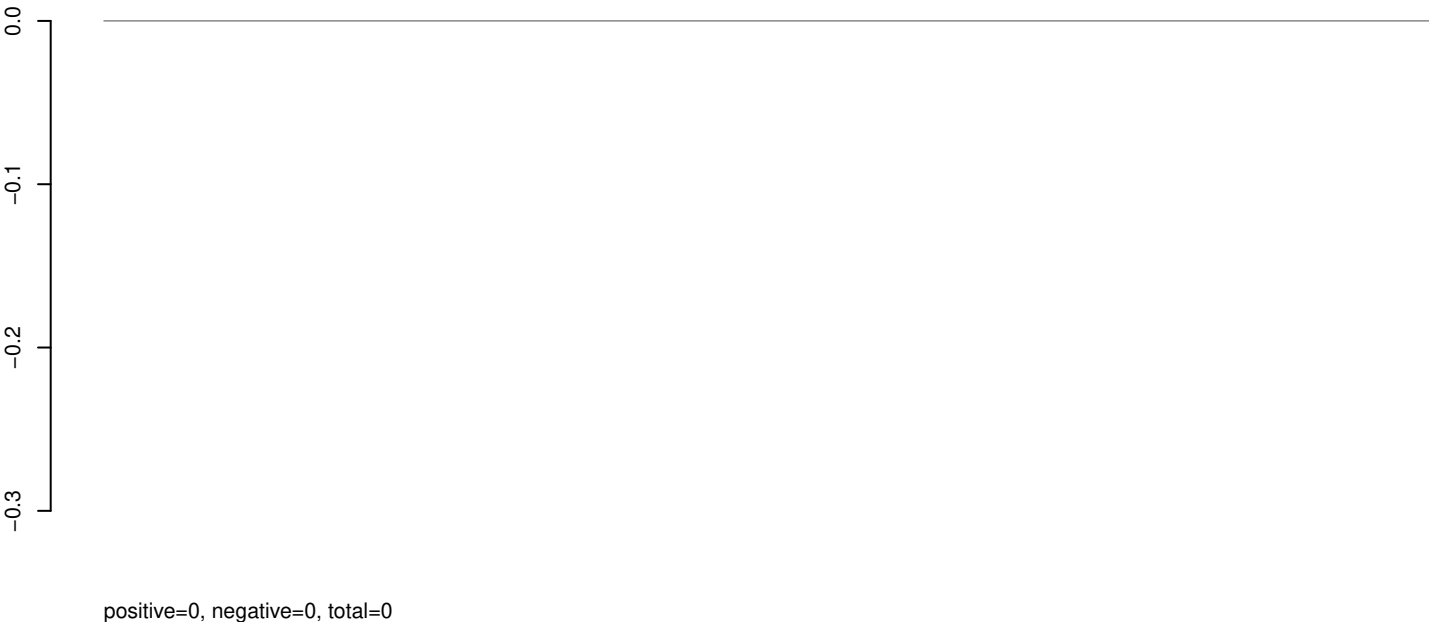
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



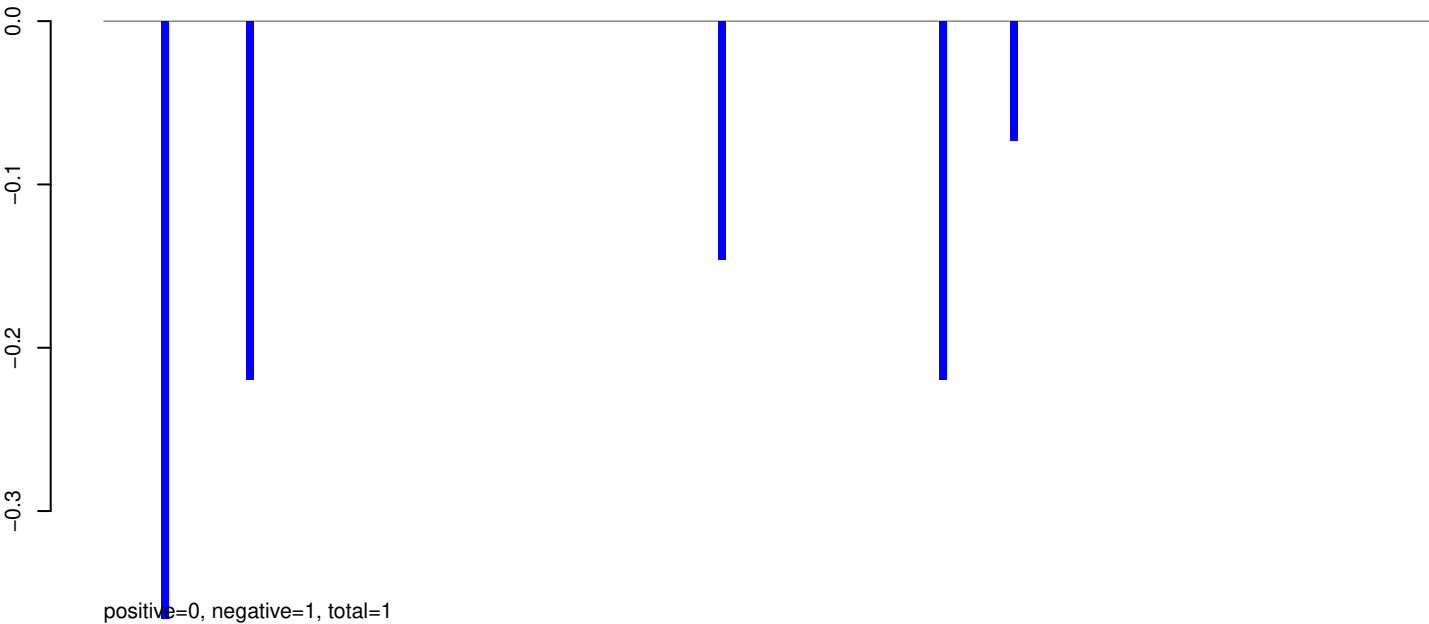
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



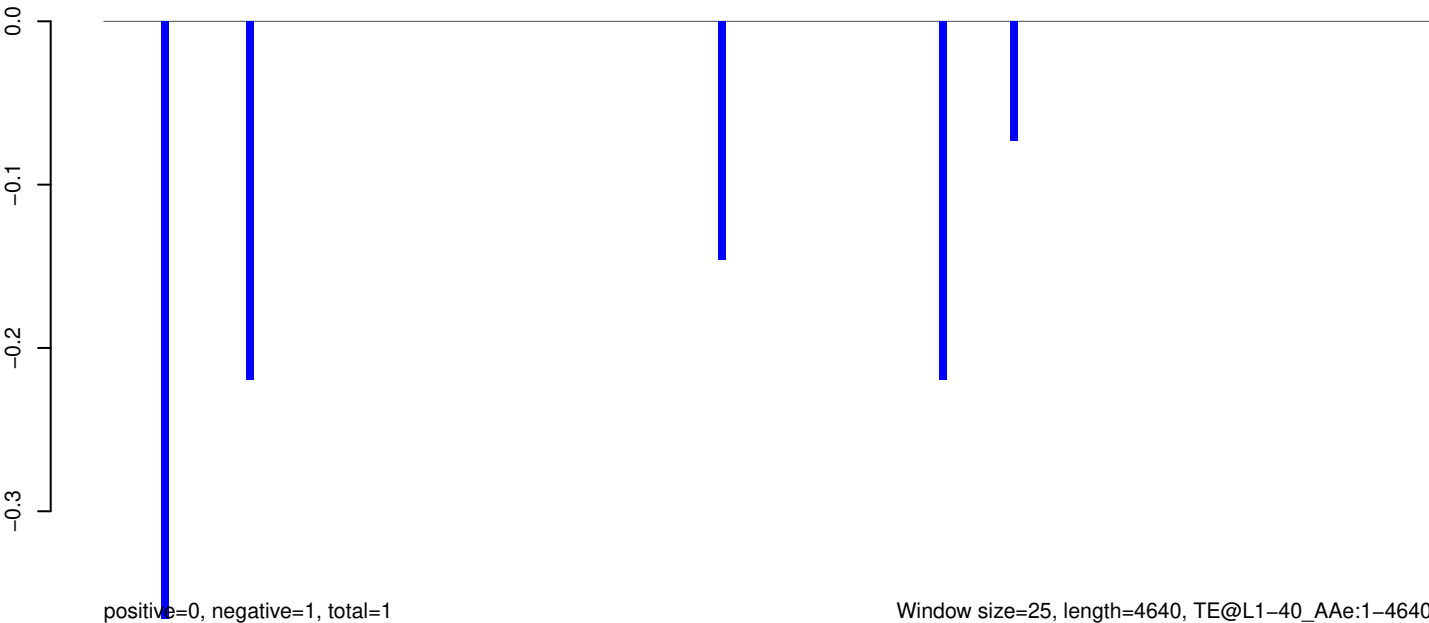
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



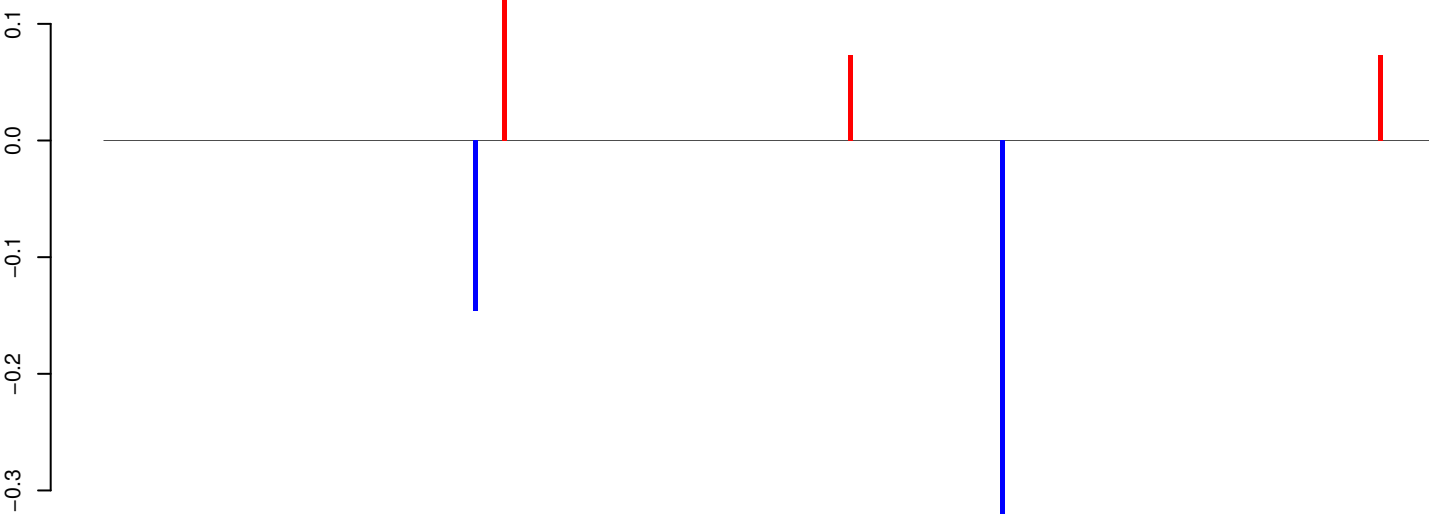
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

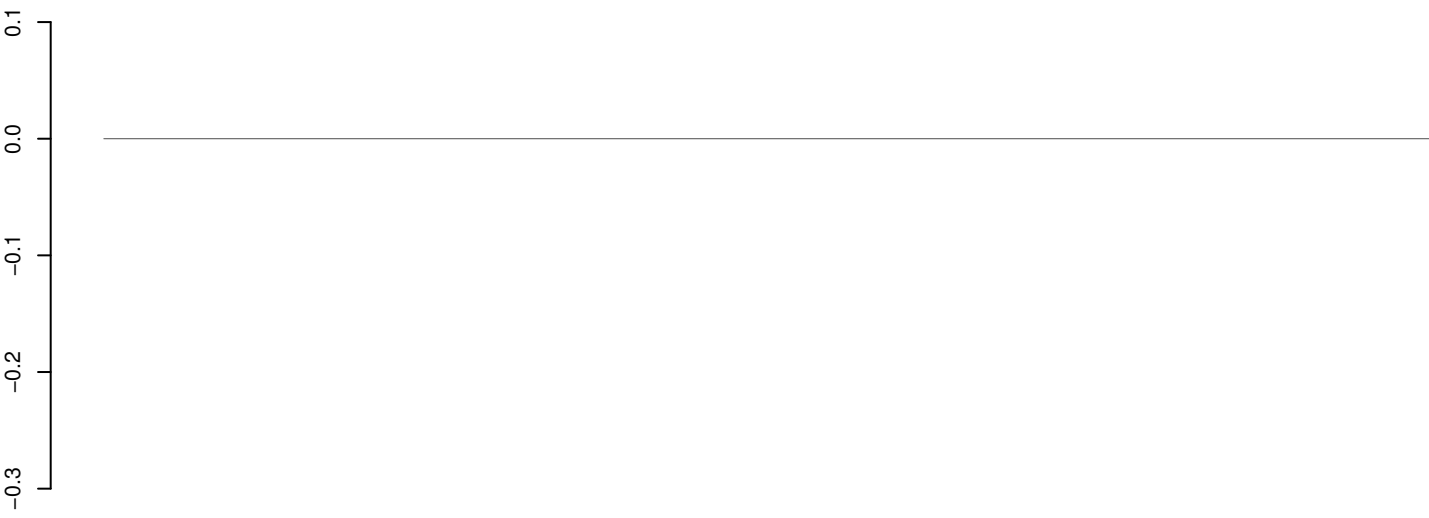


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



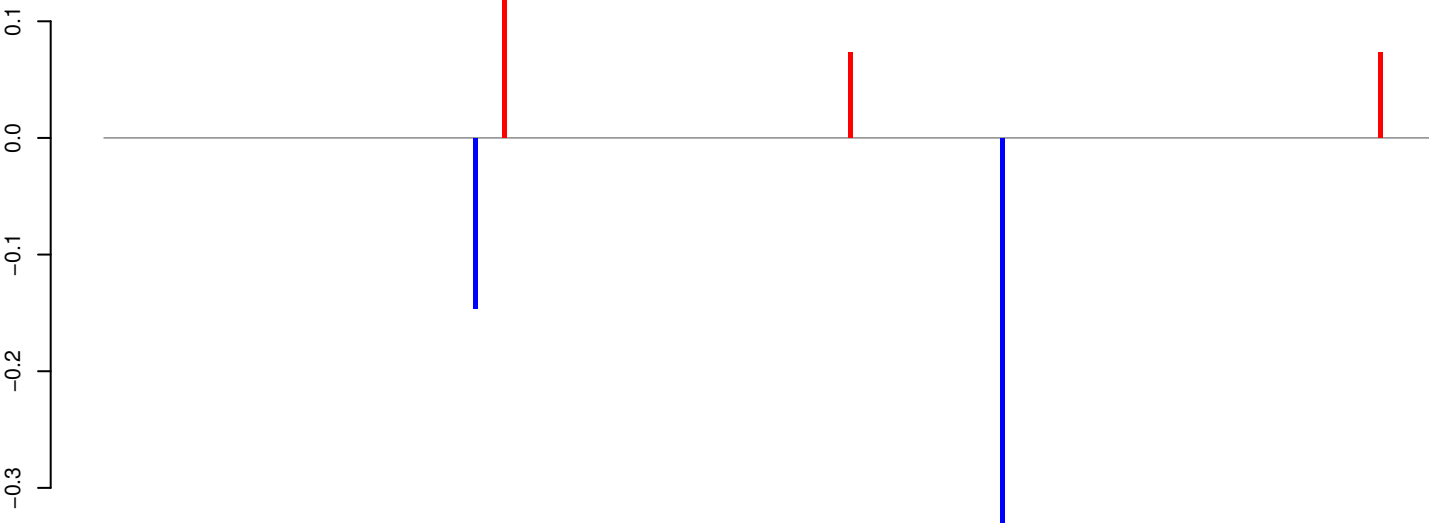
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



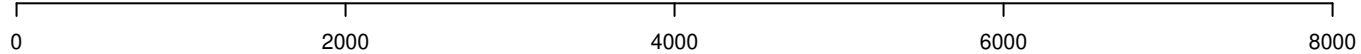
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

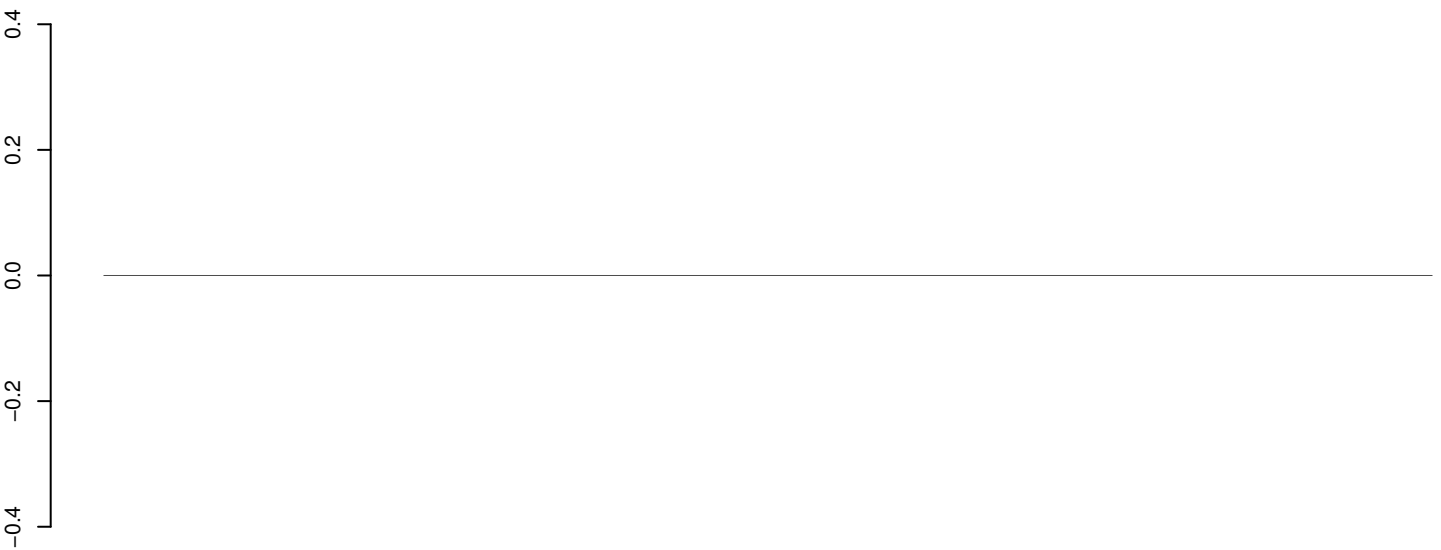


positive=0, negative=1, total=1

Window size=25, length=8071, TE@Kolobok-2\_AA:1-8071

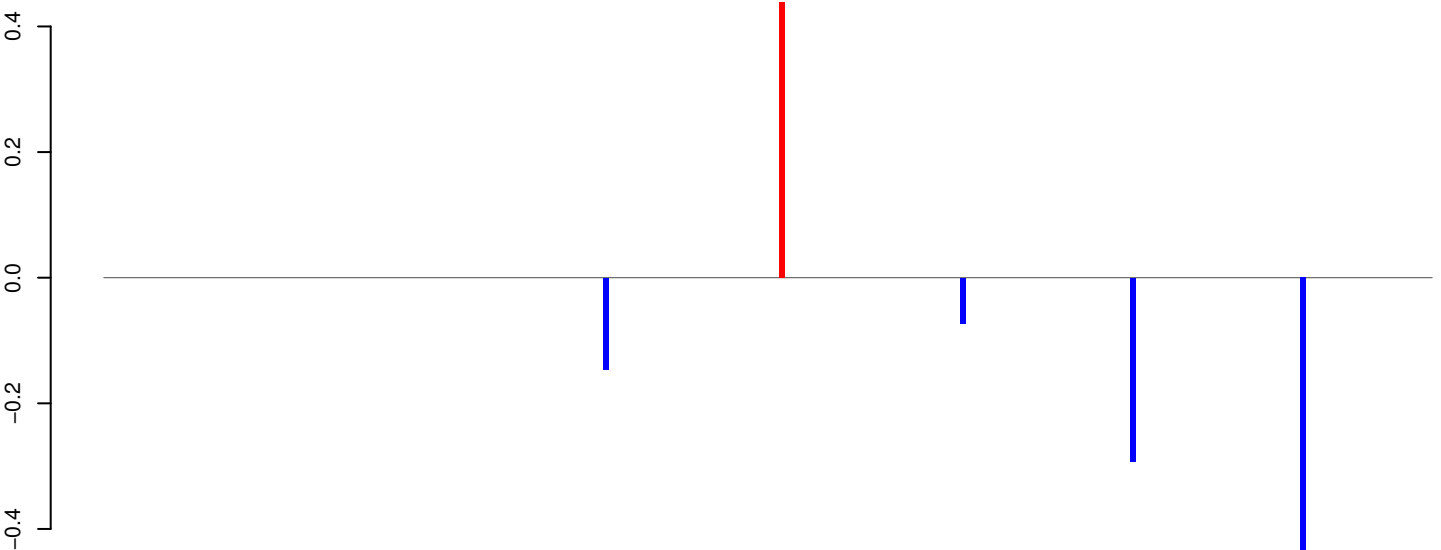


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



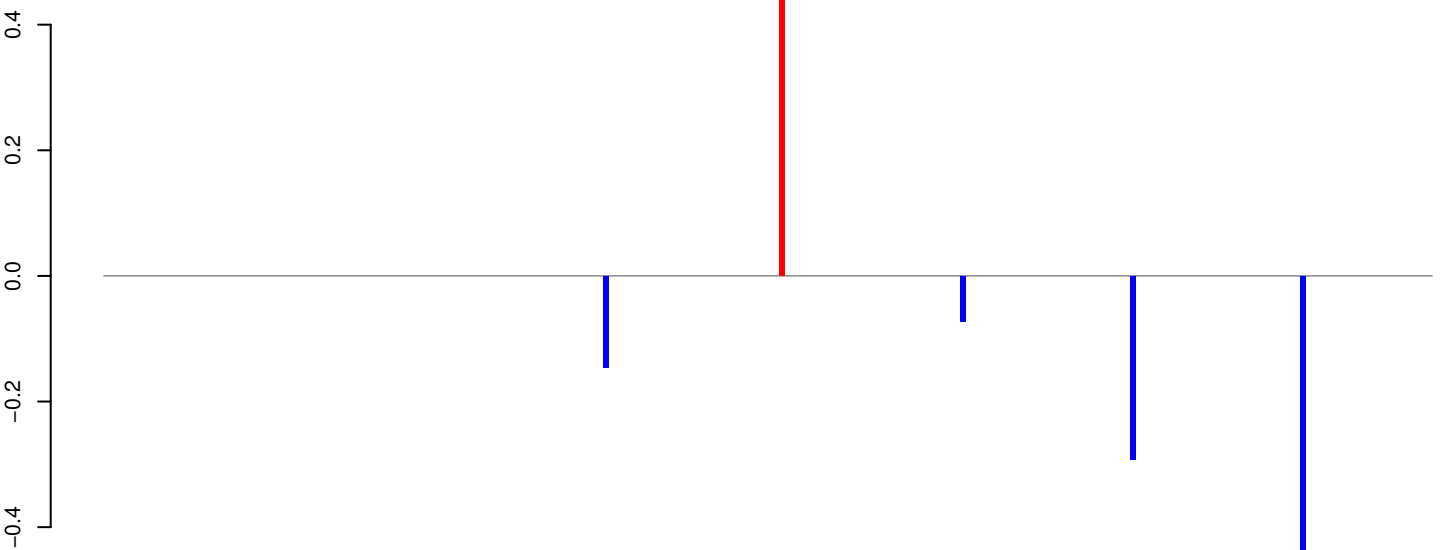
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



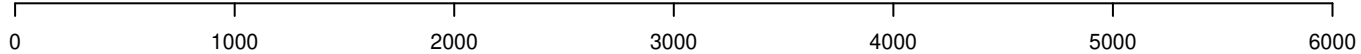
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

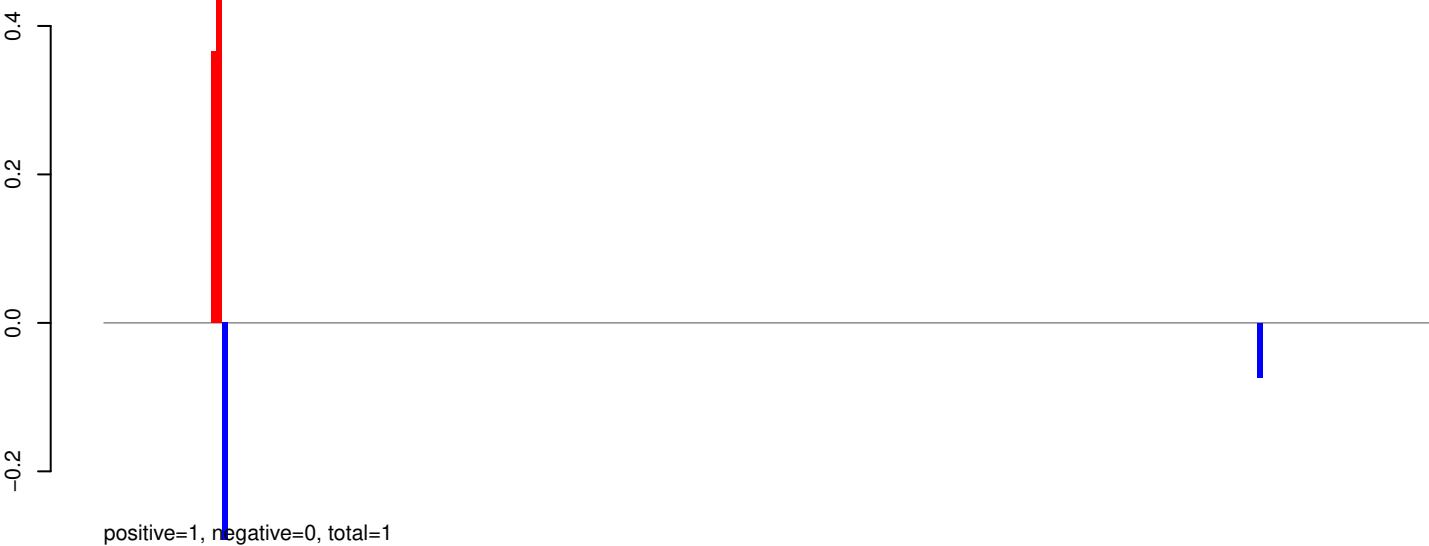


positive=0, negative=1, total=1

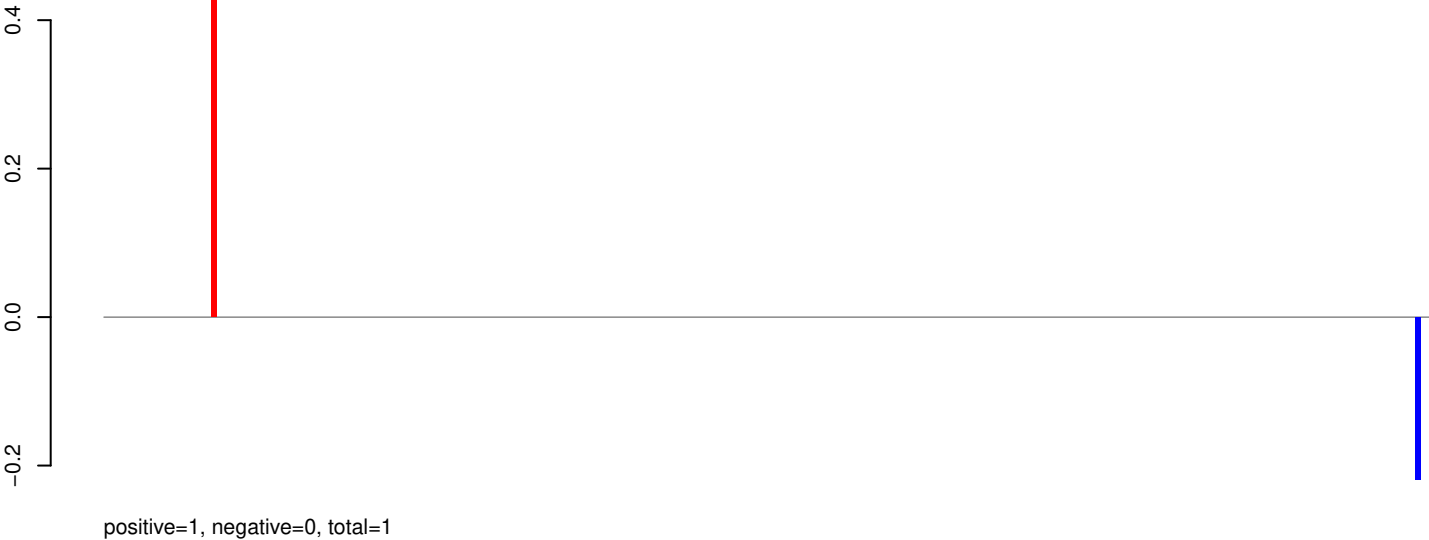
Window size=25, length=6046, TE@I\_Ele11:1-6046



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

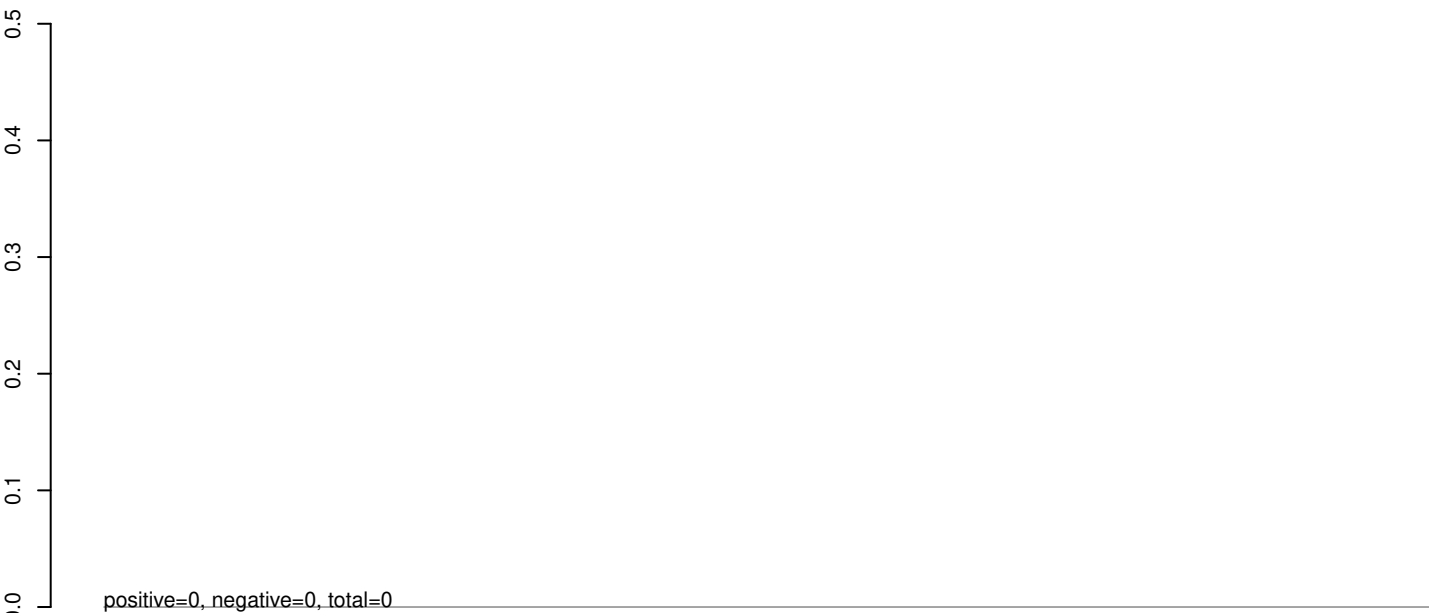


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

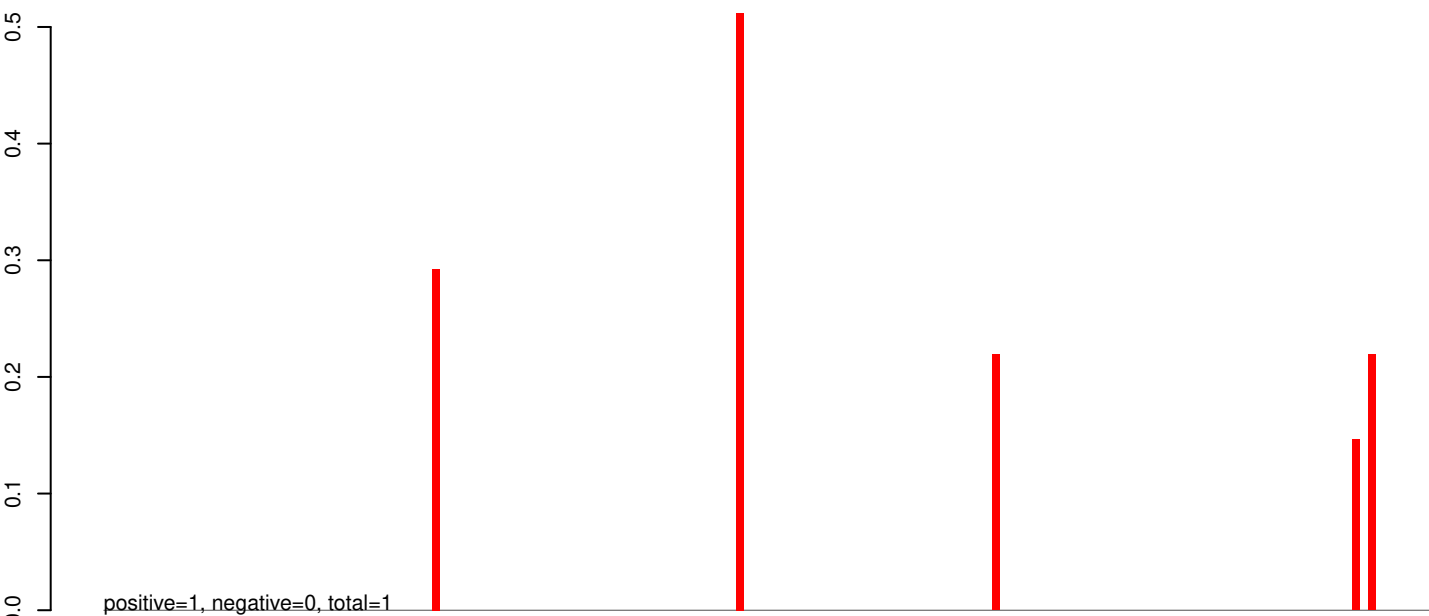


0 1000 2000 3000 4000 5000 6000

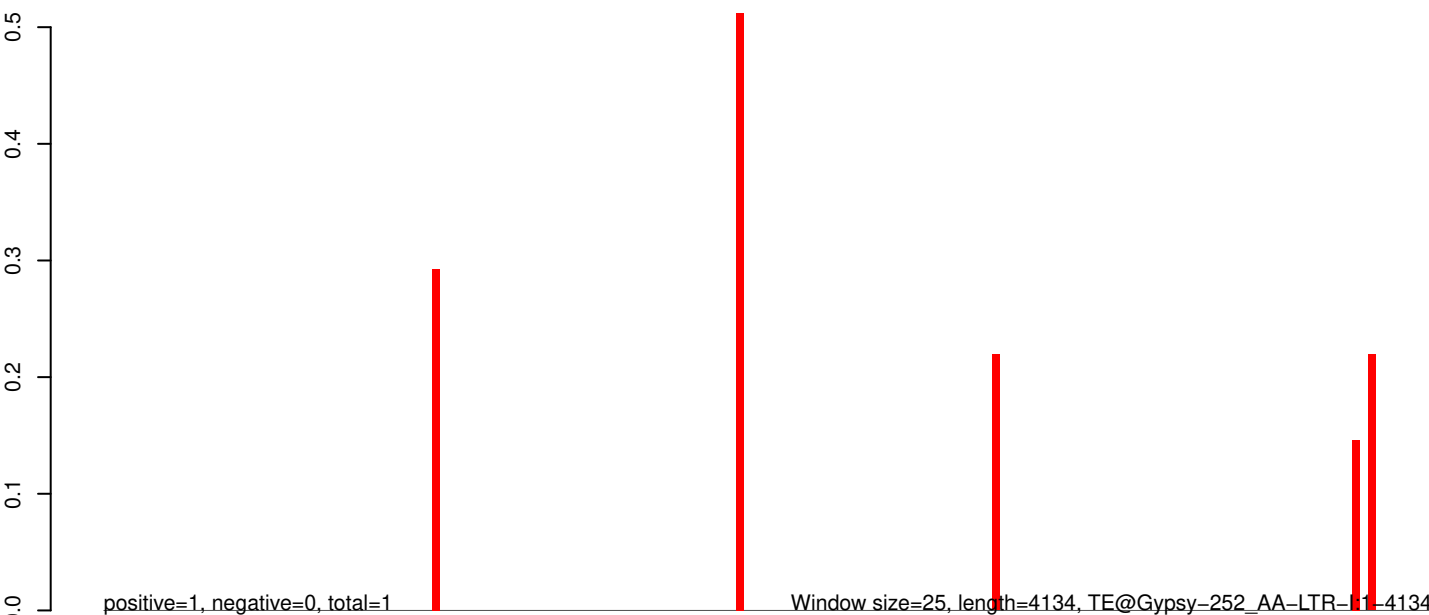
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



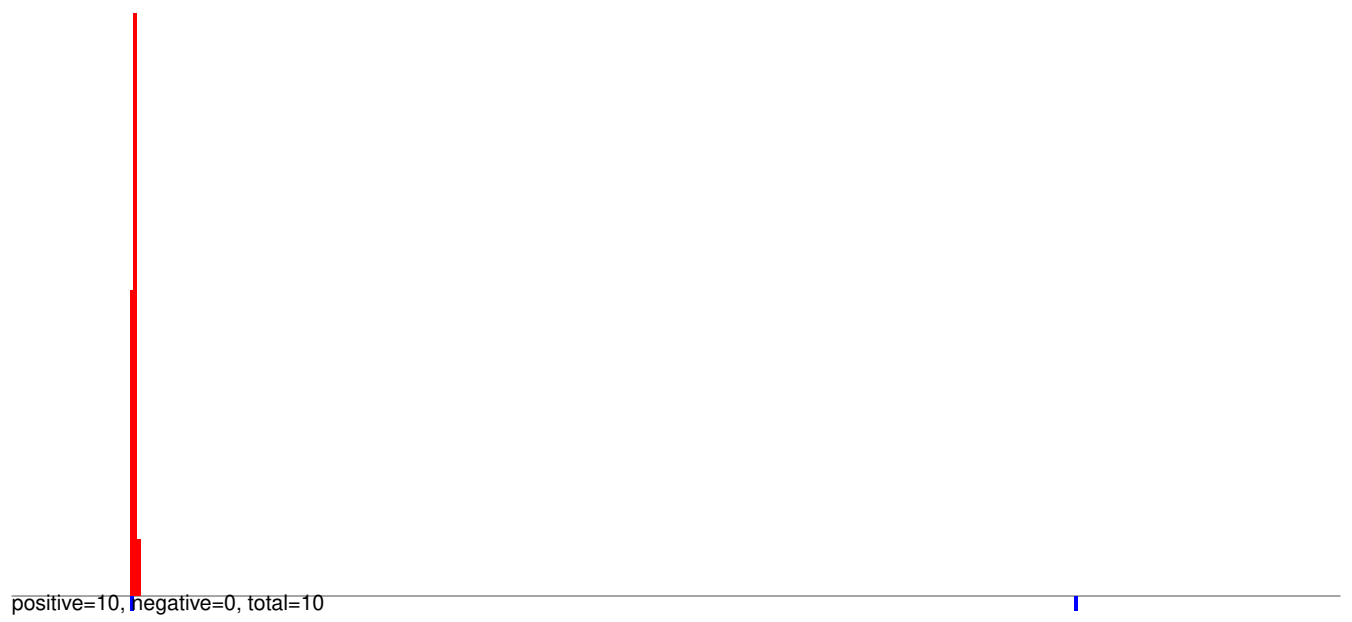
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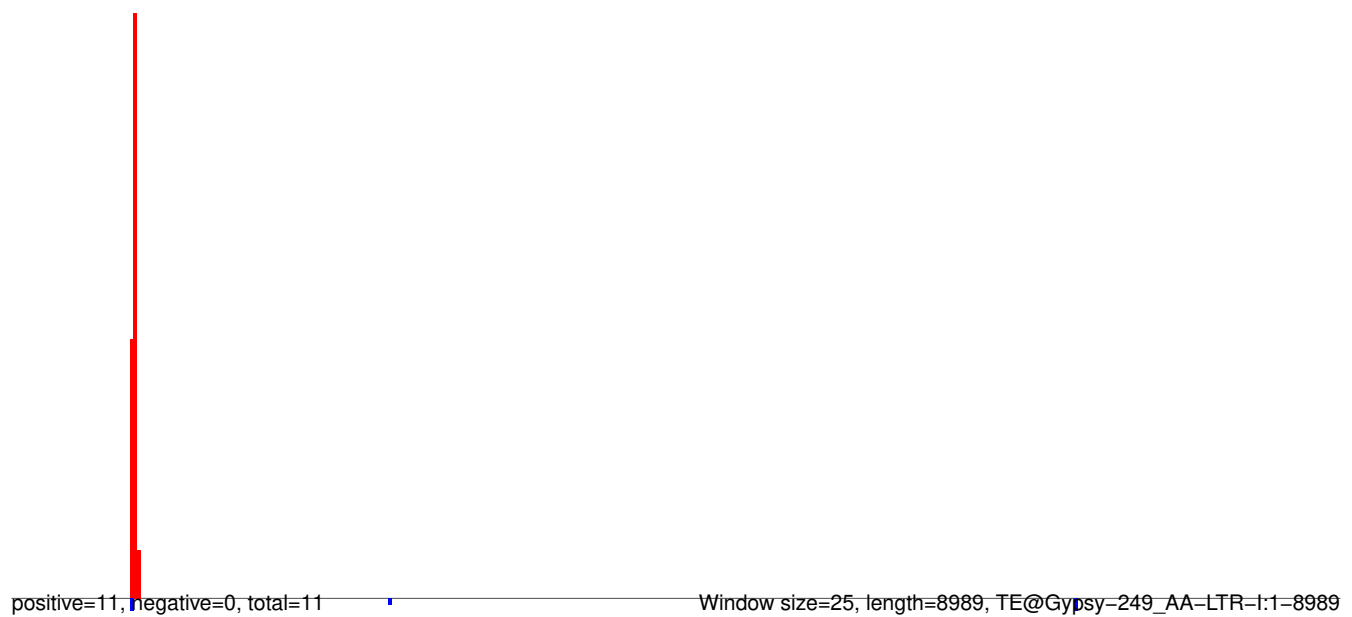
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

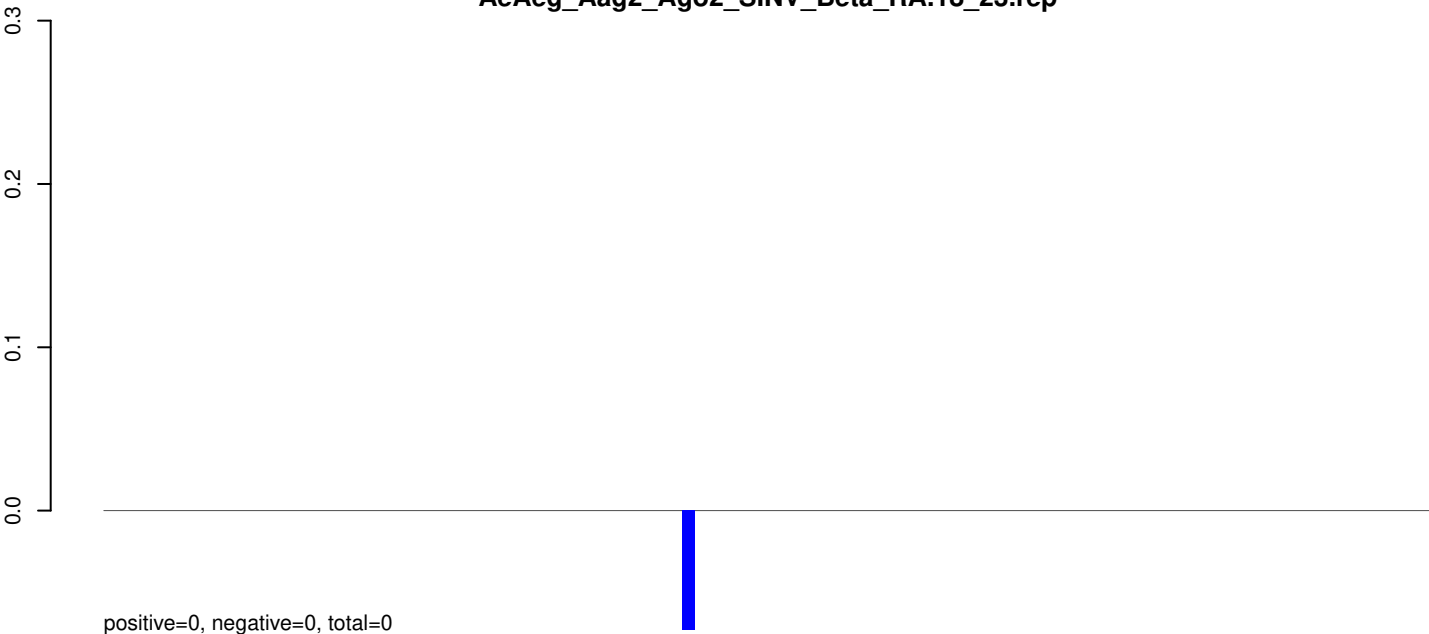


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

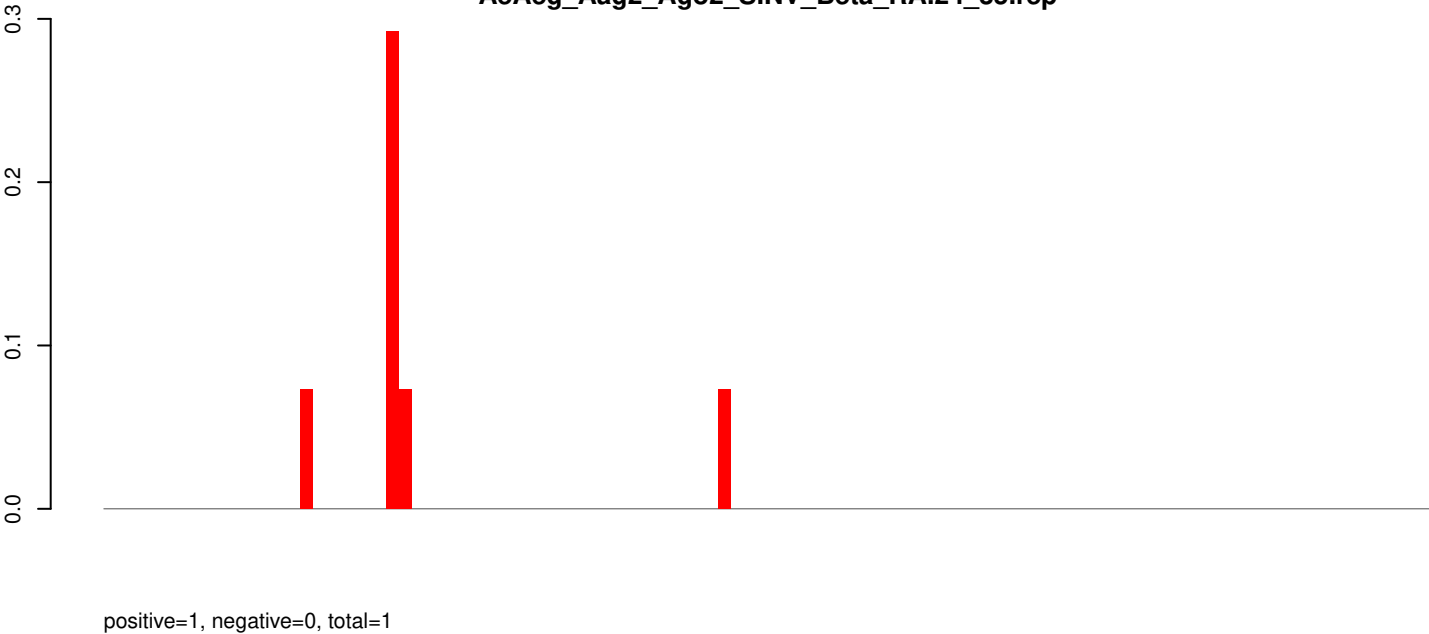


0 2000 4000 6000 8000

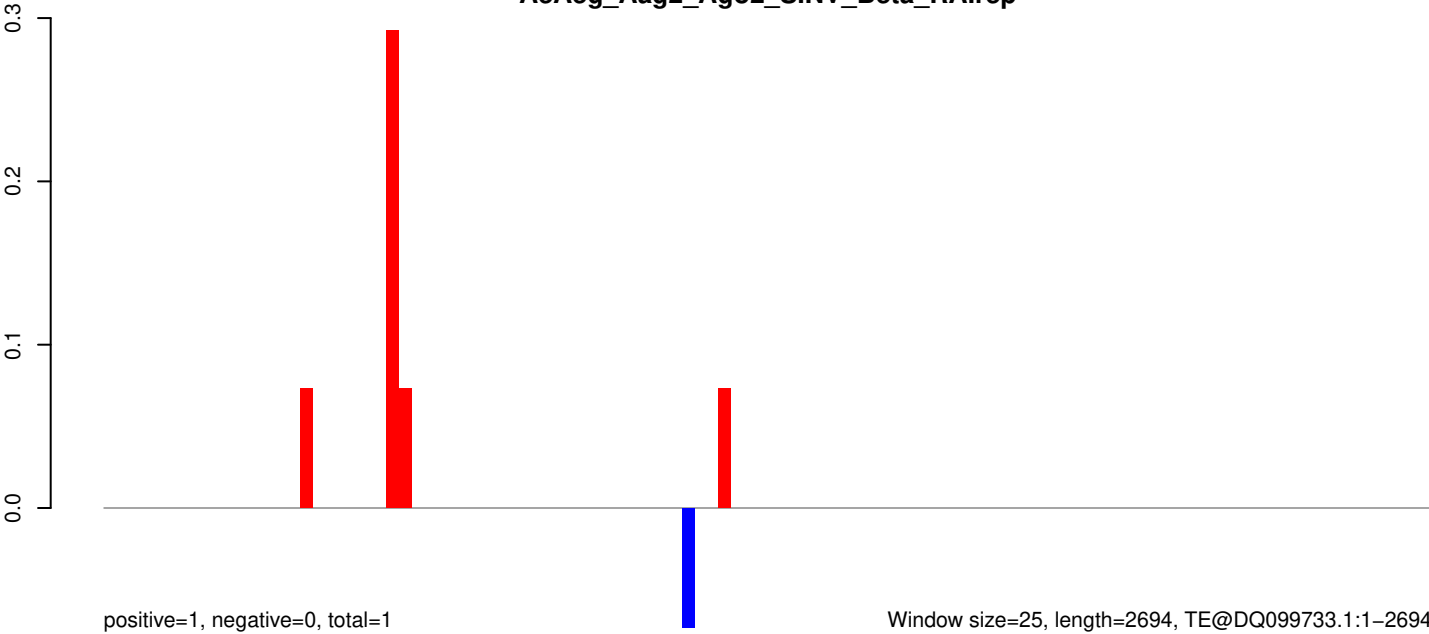
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

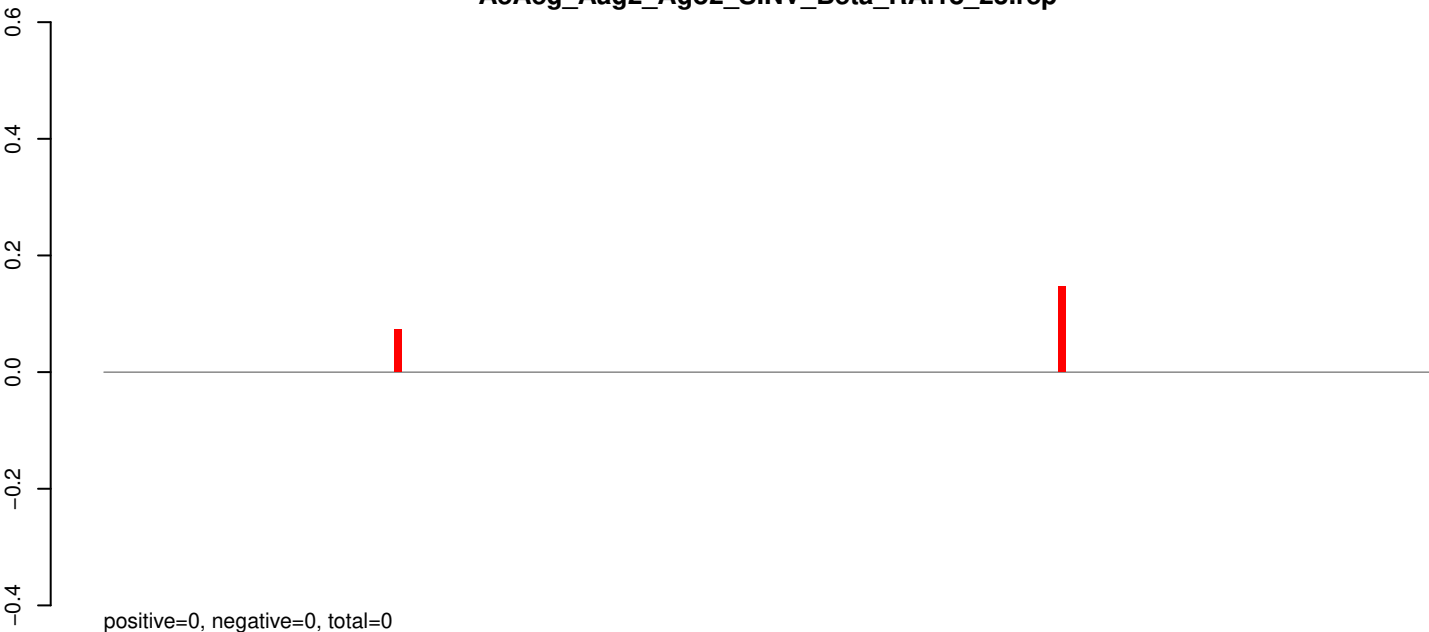


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

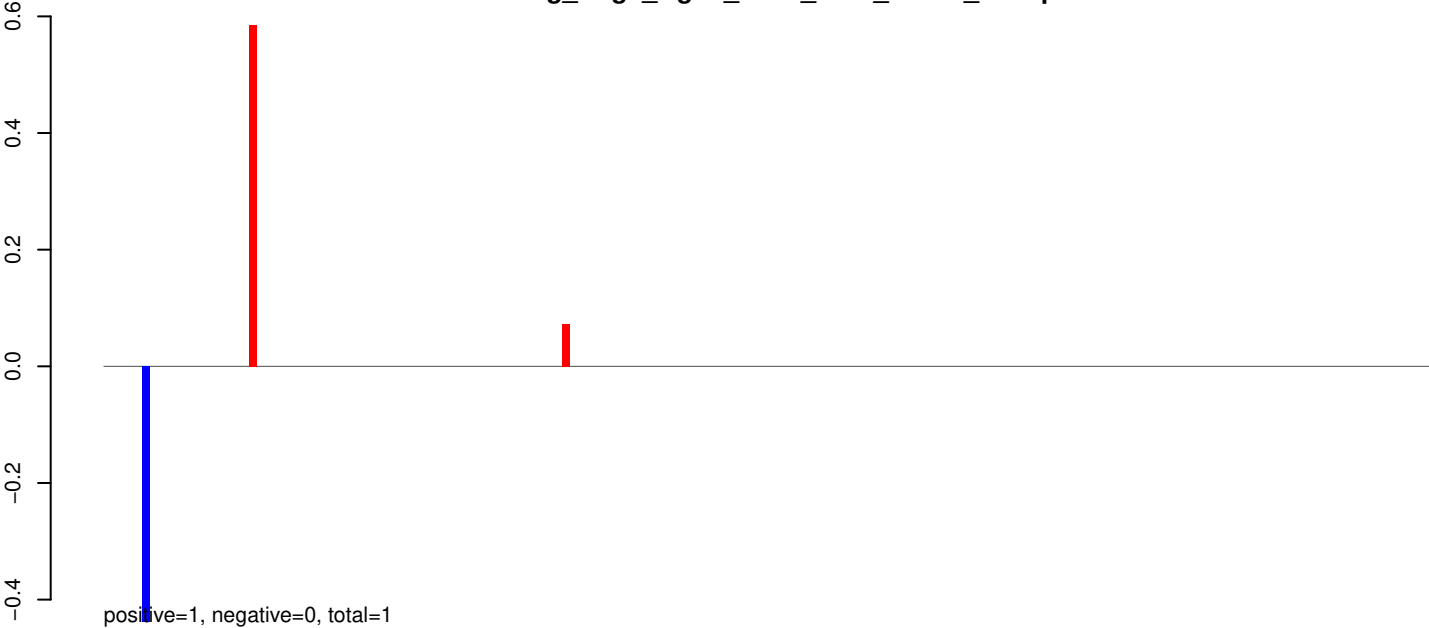




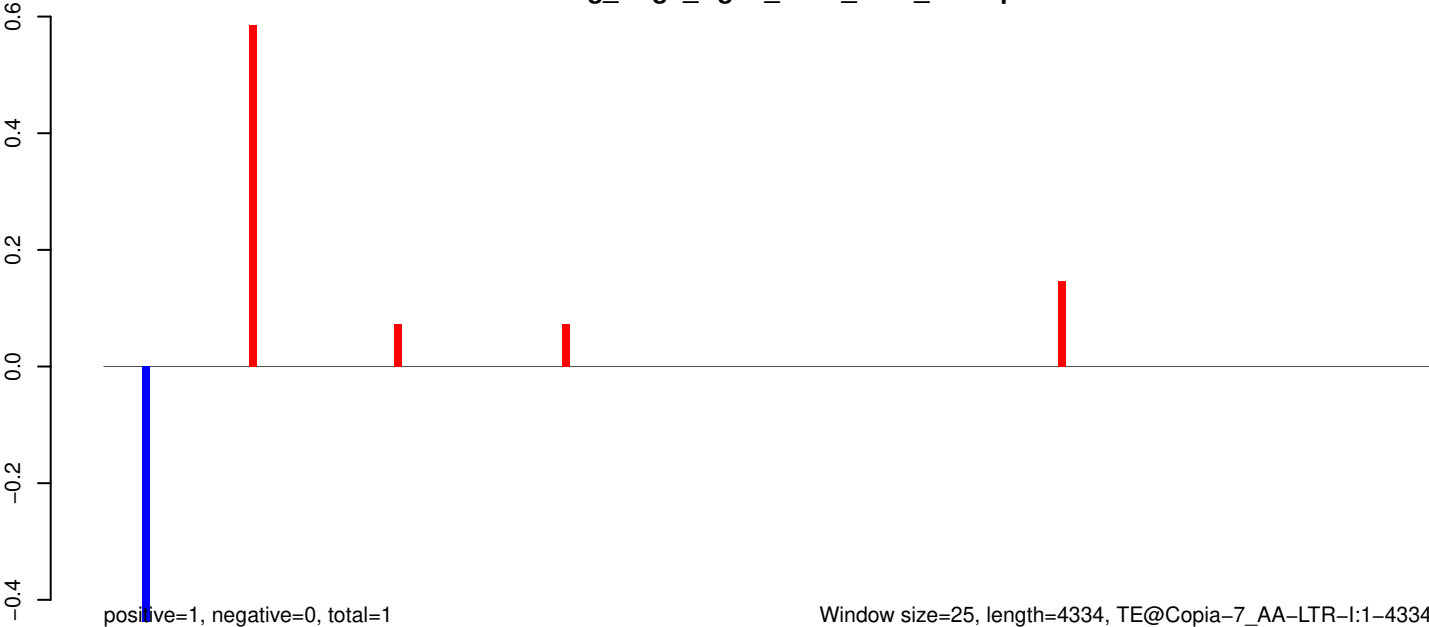
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



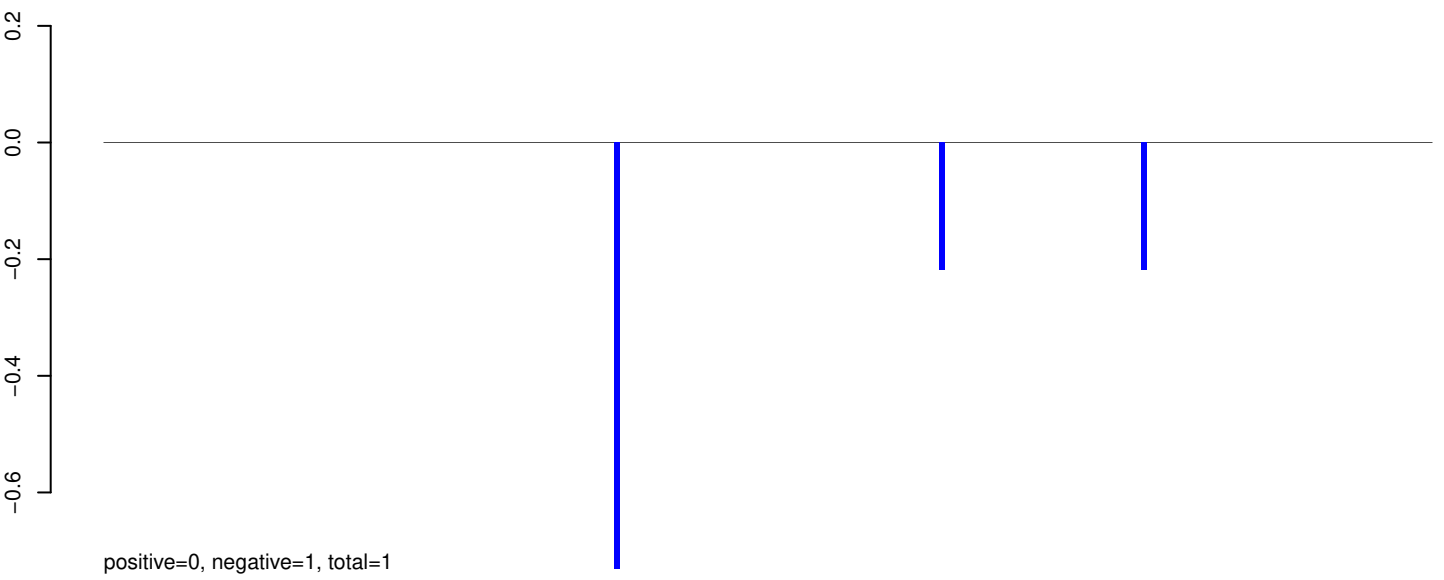
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



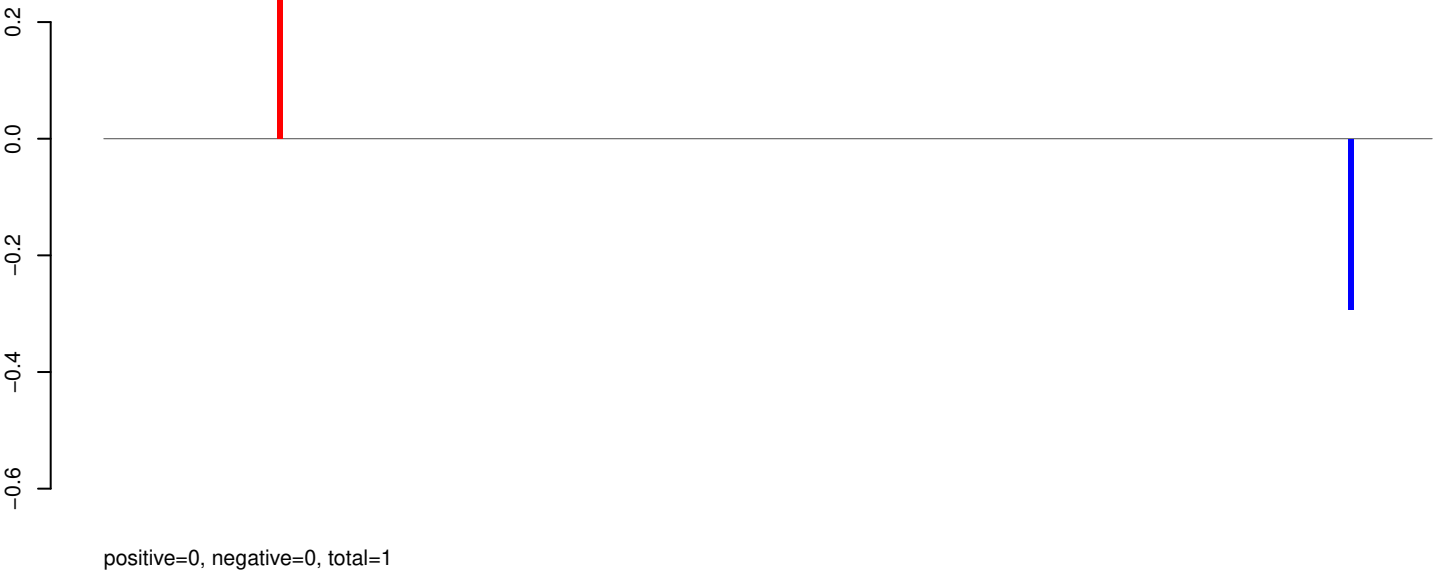
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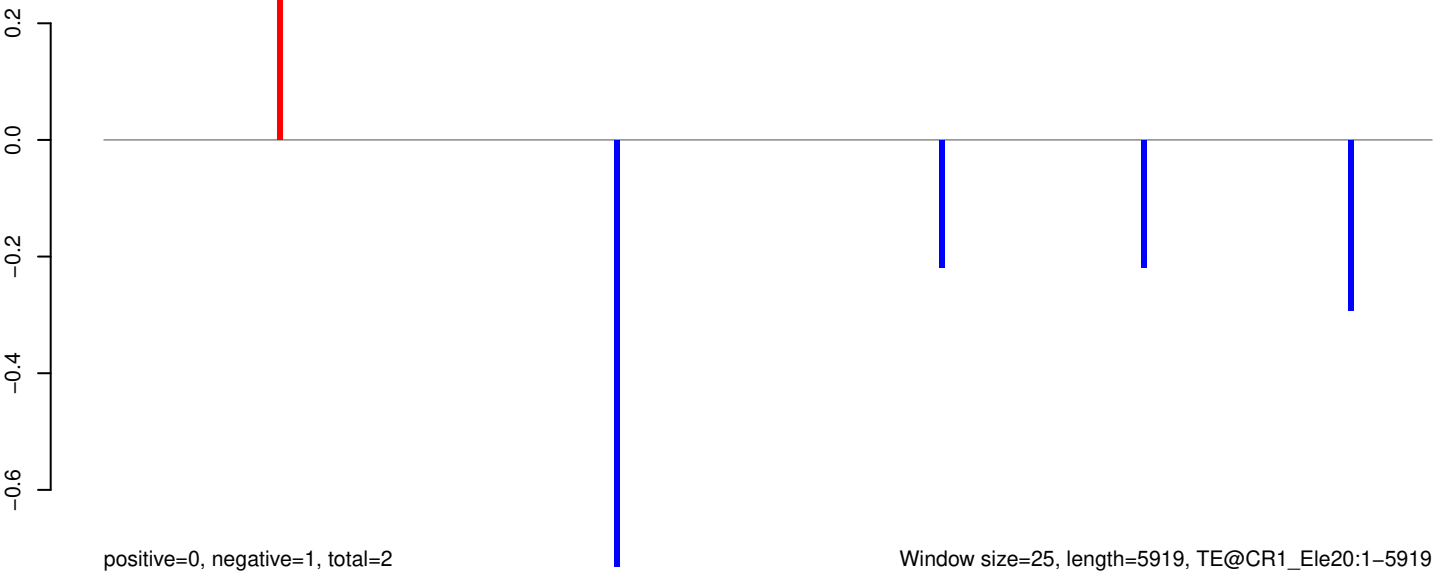
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

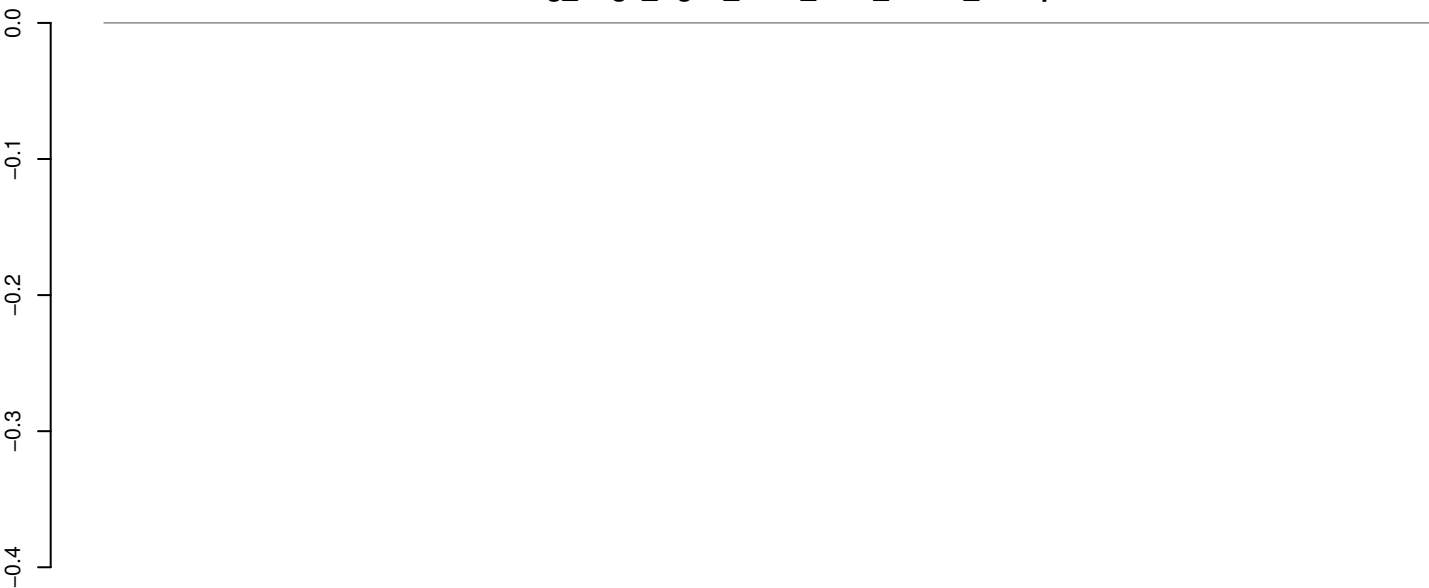


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



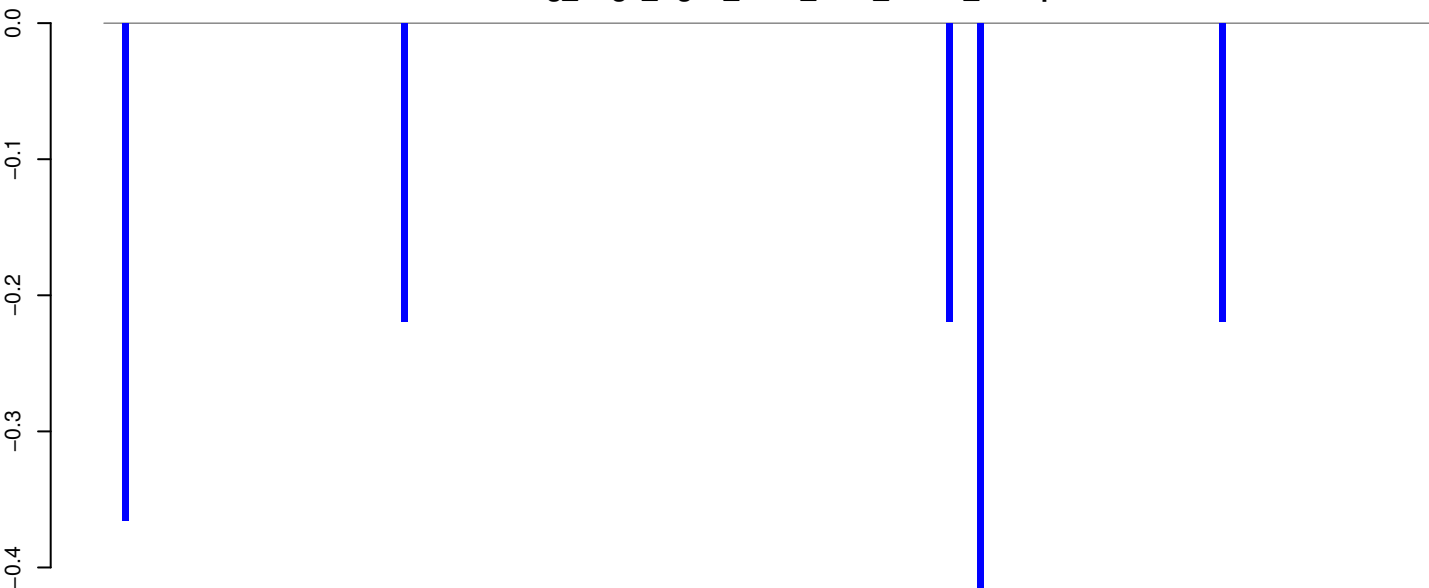
0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



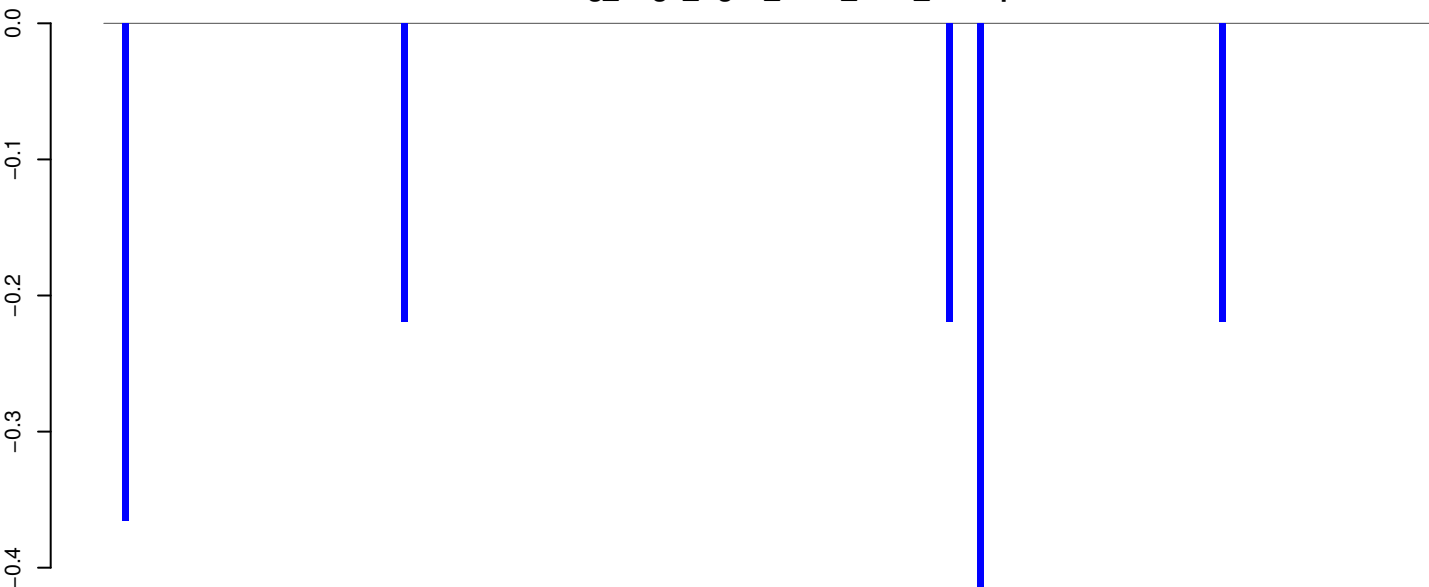
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

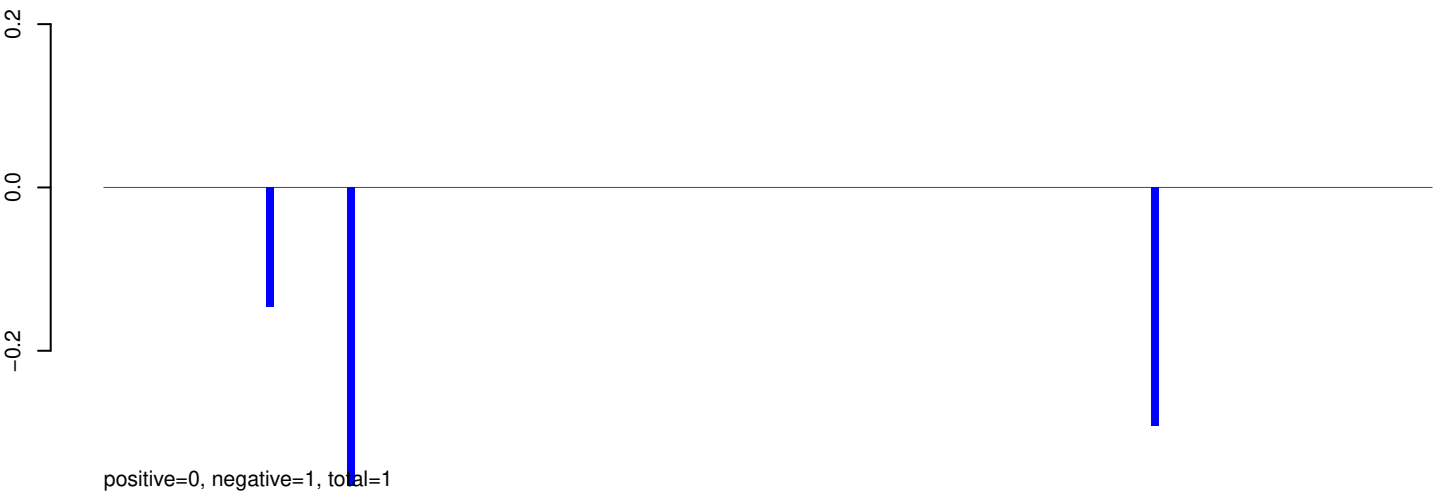


positive=0, negative=1, total=1

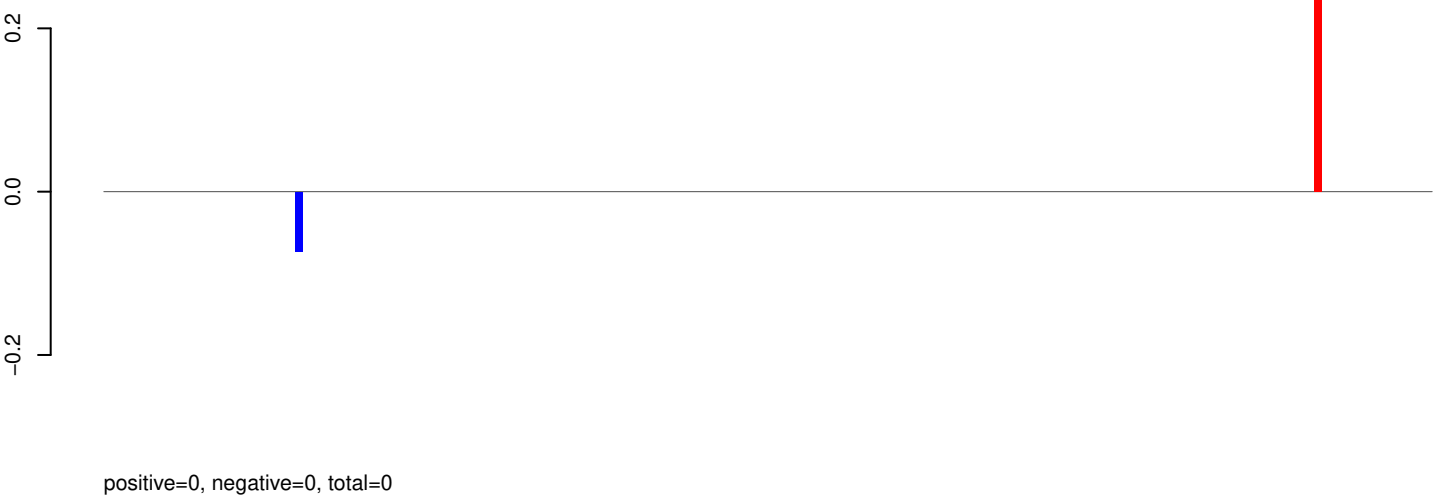
Window size=25, length=5464, TE@CR1-75\_AAe:1-5464

0 1000 2000 3000 4000 5000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



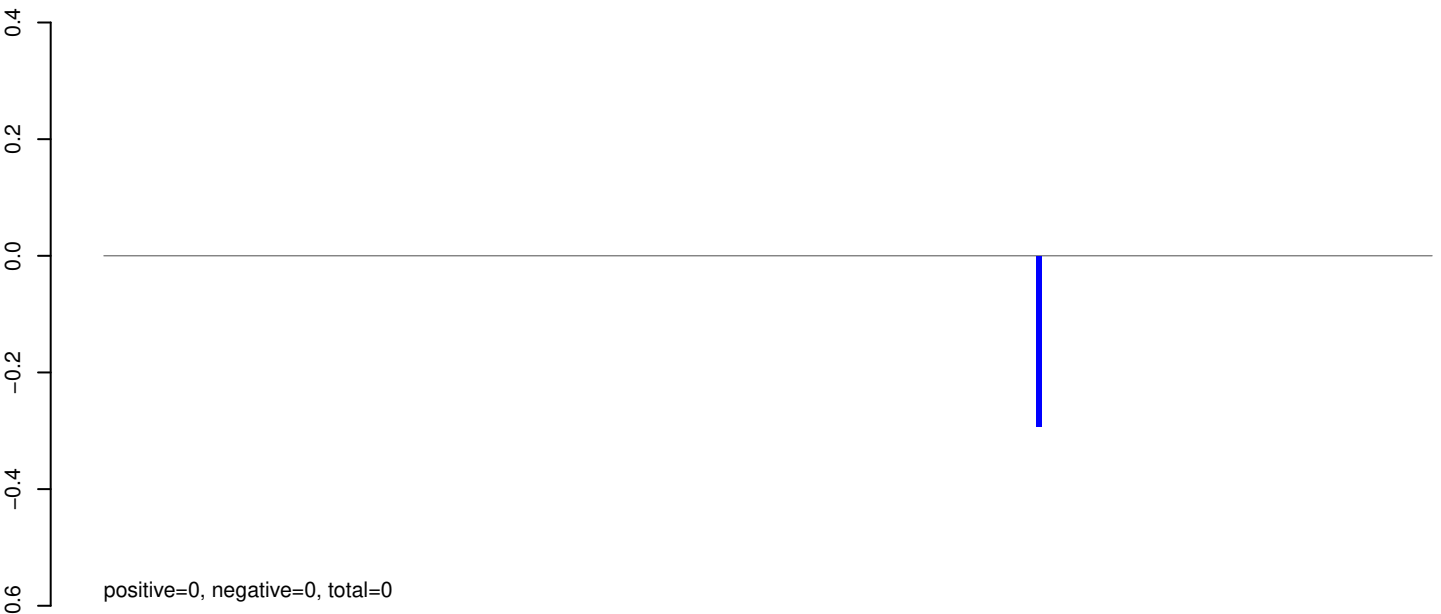
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



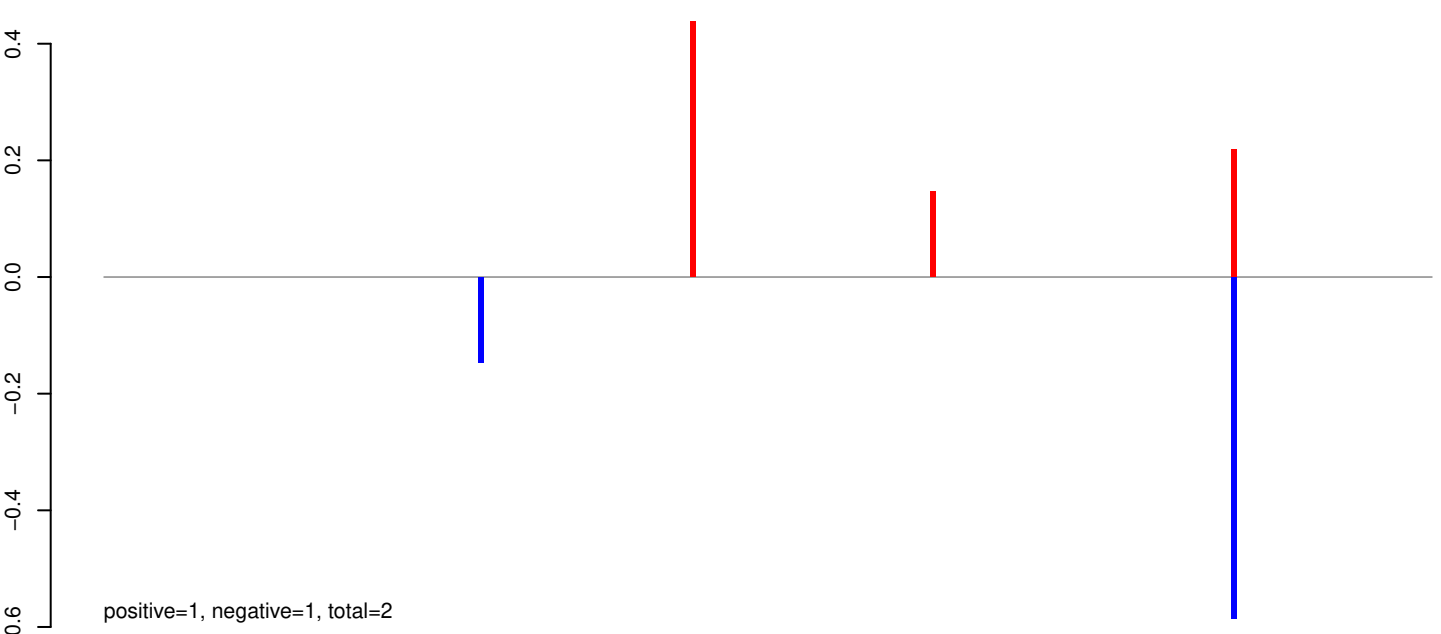
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



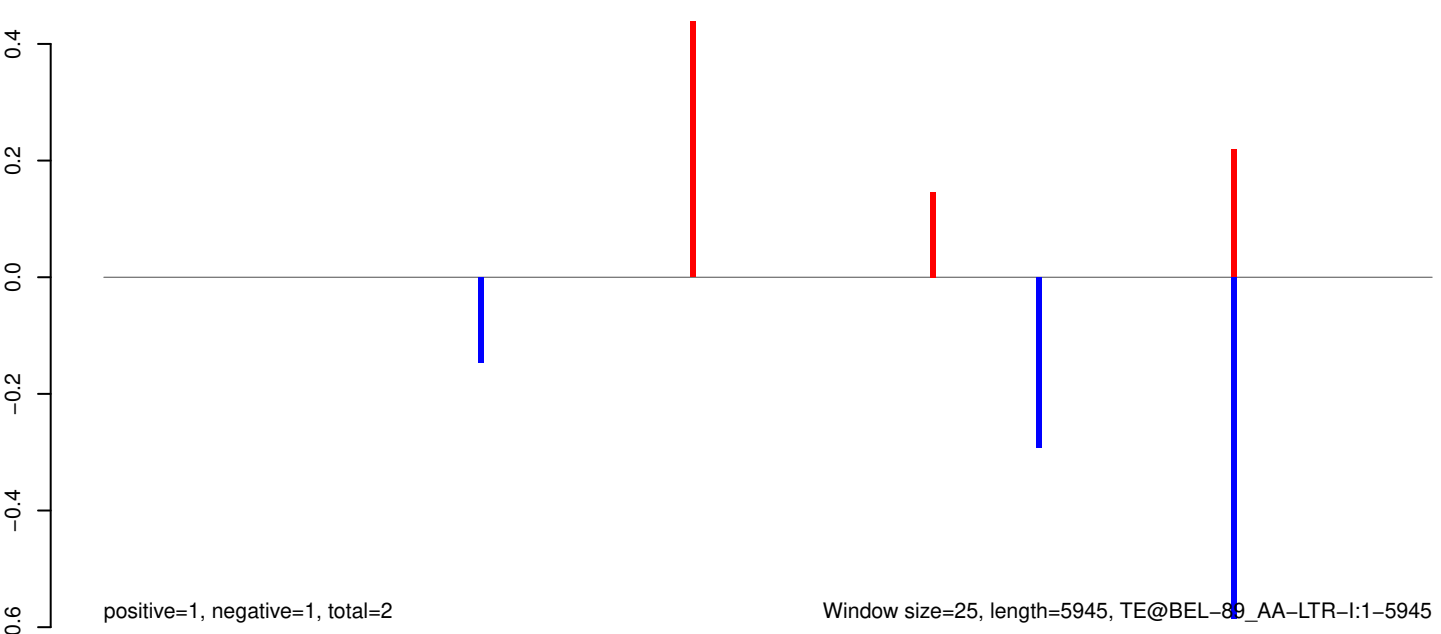
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



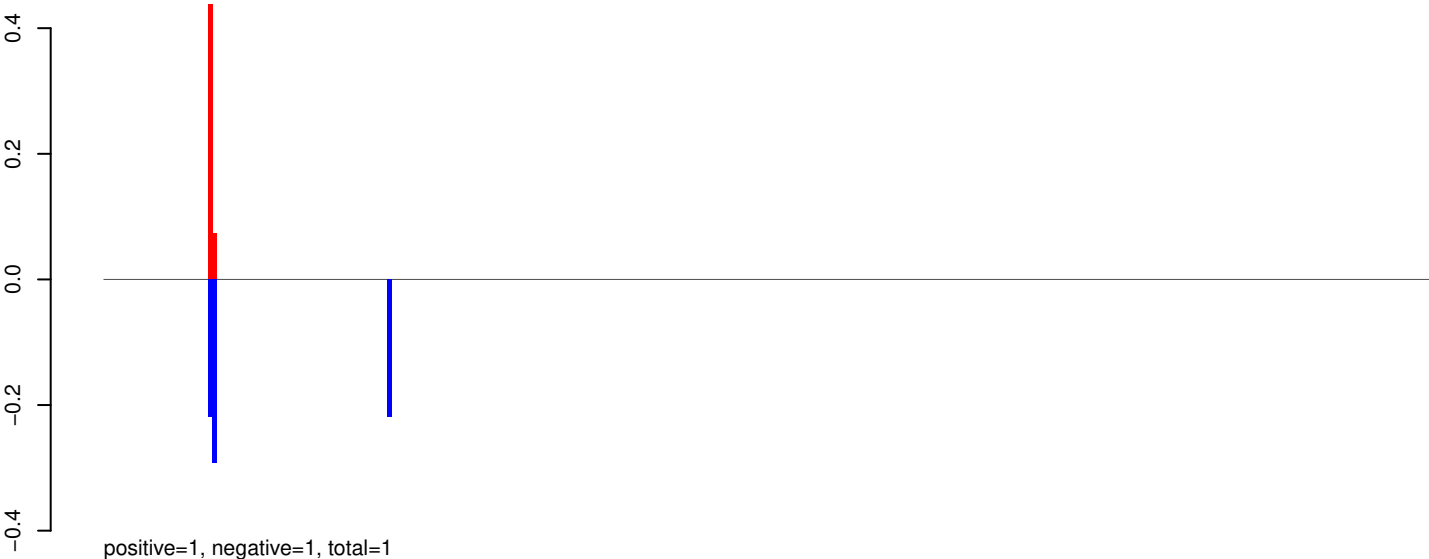
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



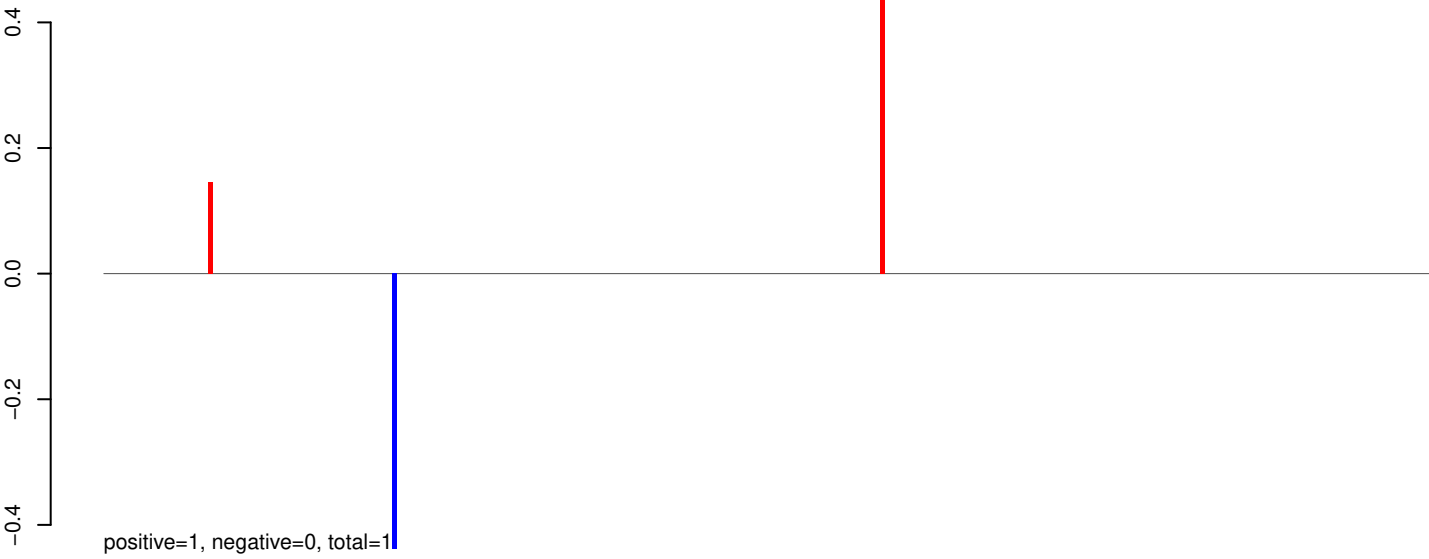
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



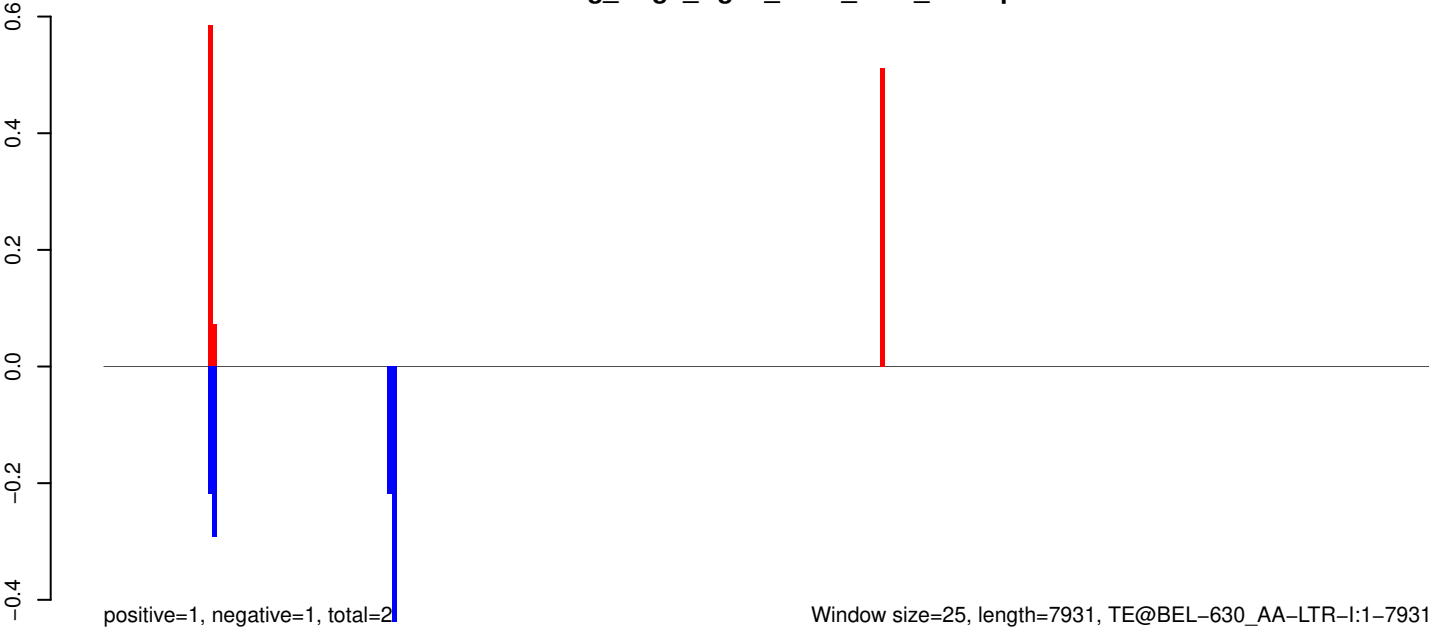
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

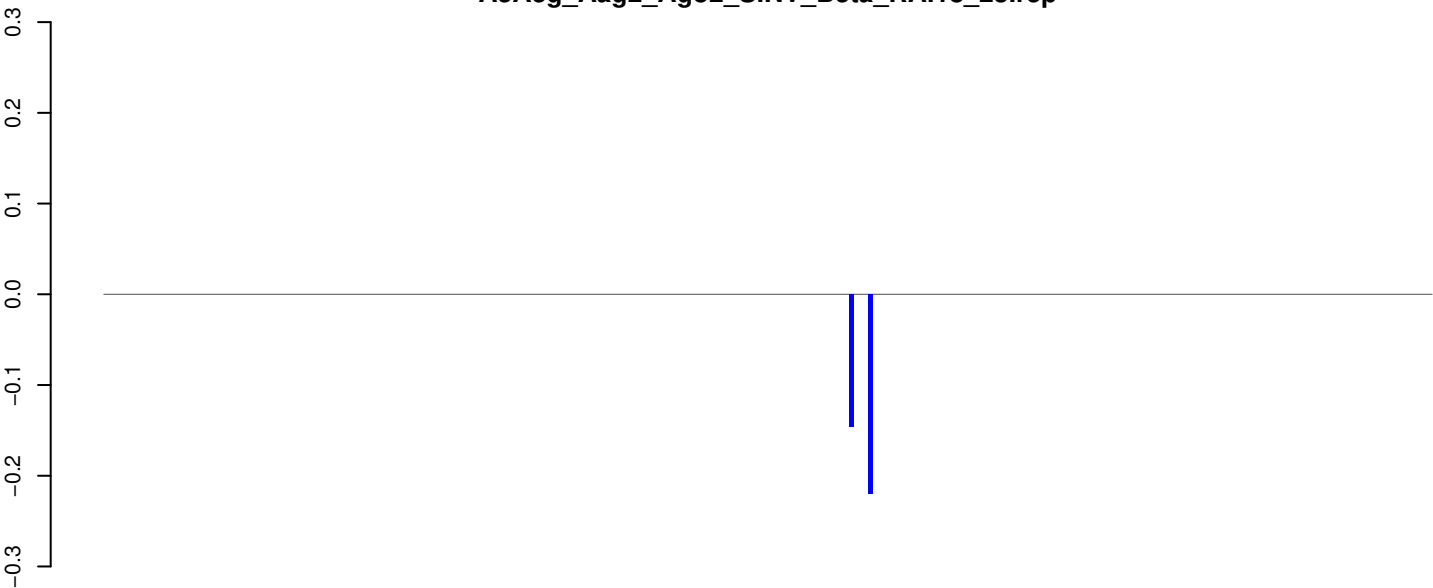


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



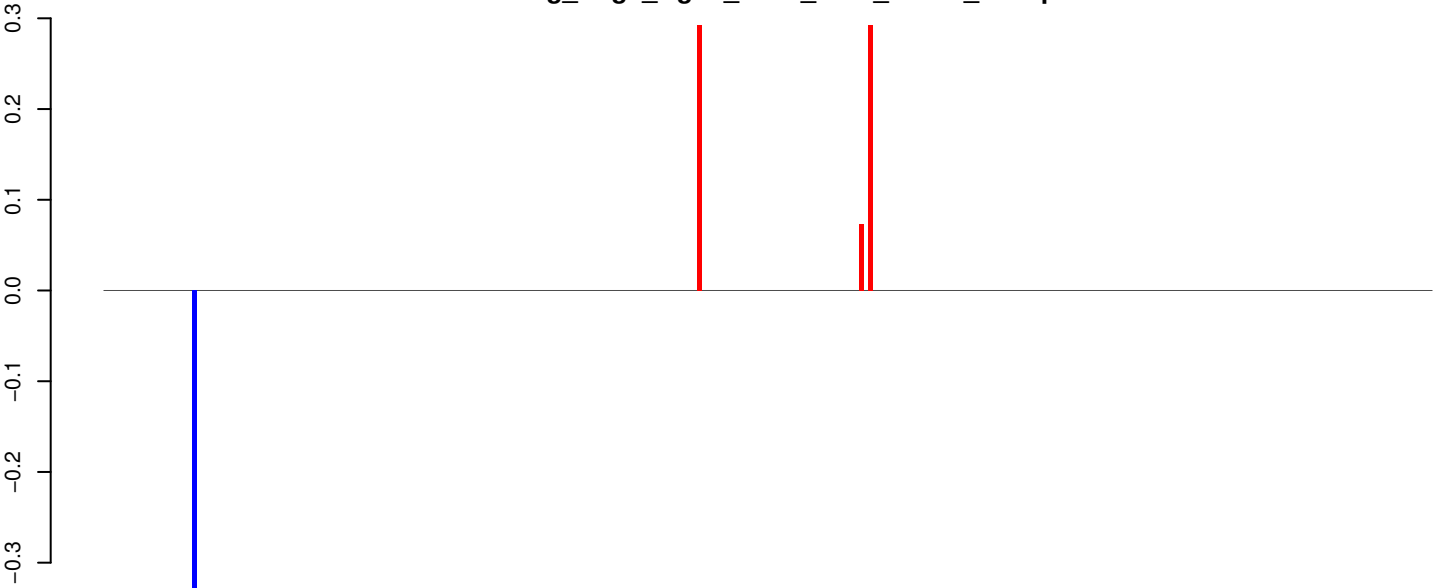
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



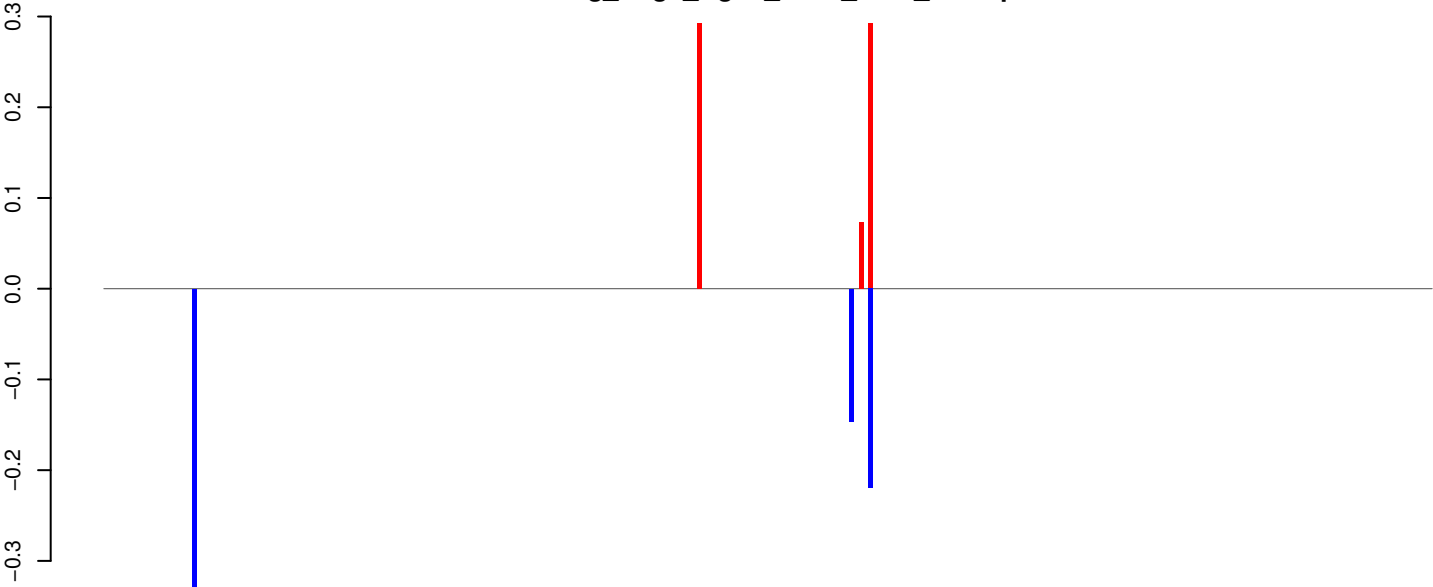
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

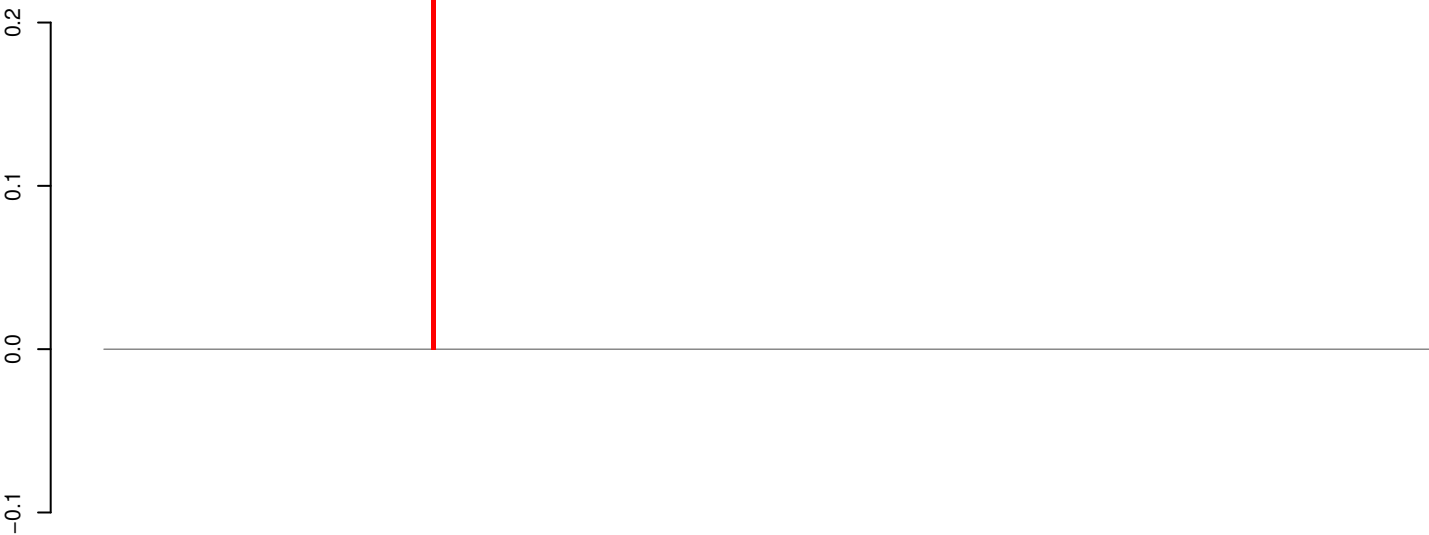


positive=1, negative=1, total=1

Window size=25, length=6757, TE@BEL-602\_AA-LTR-I:1-6757

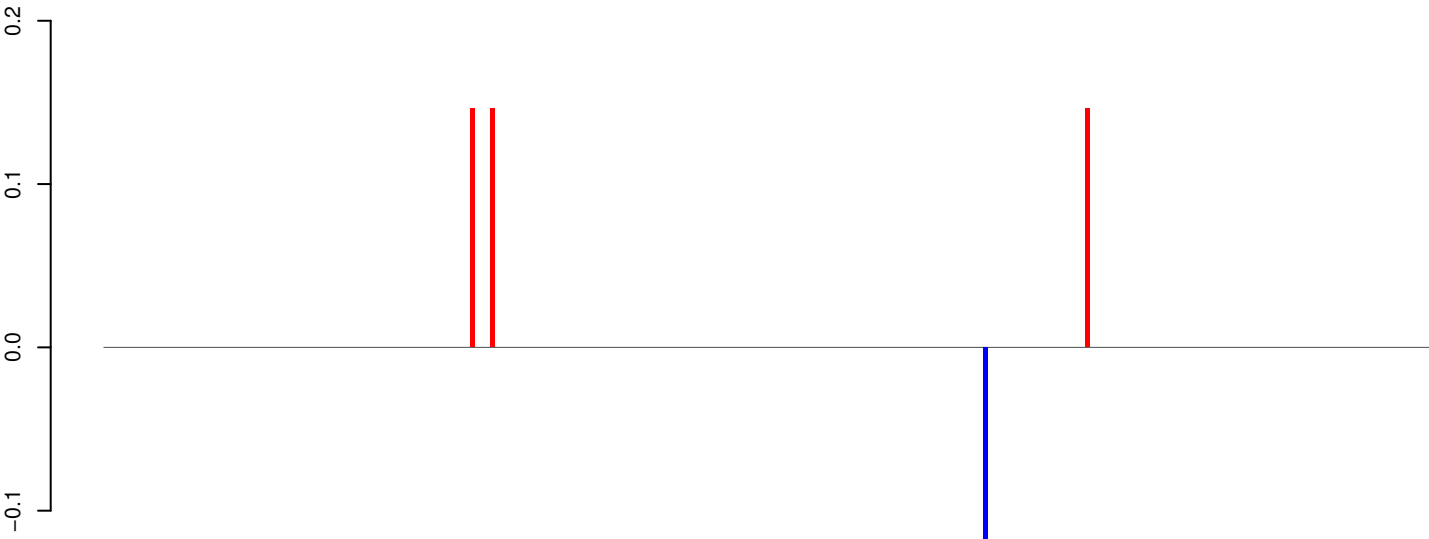
0 1000 2000 3000 4000 5000 6000 7000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



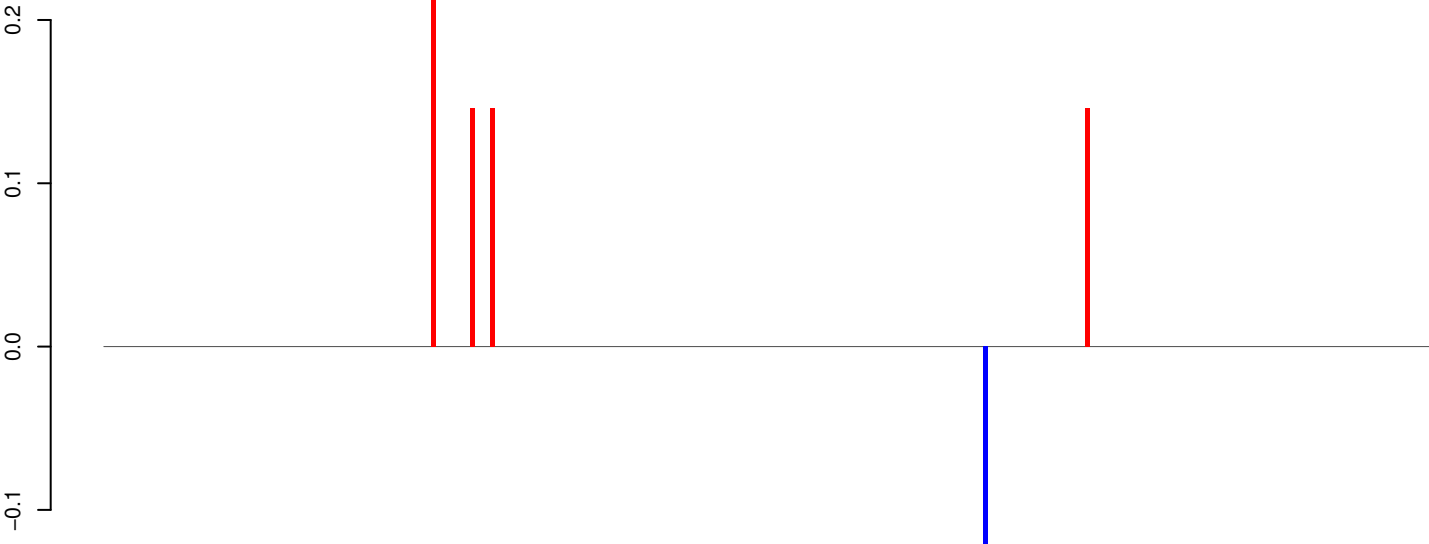
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



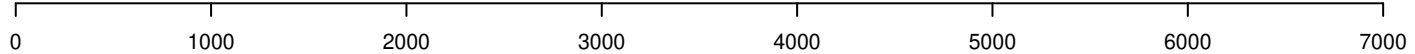
positive=0, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



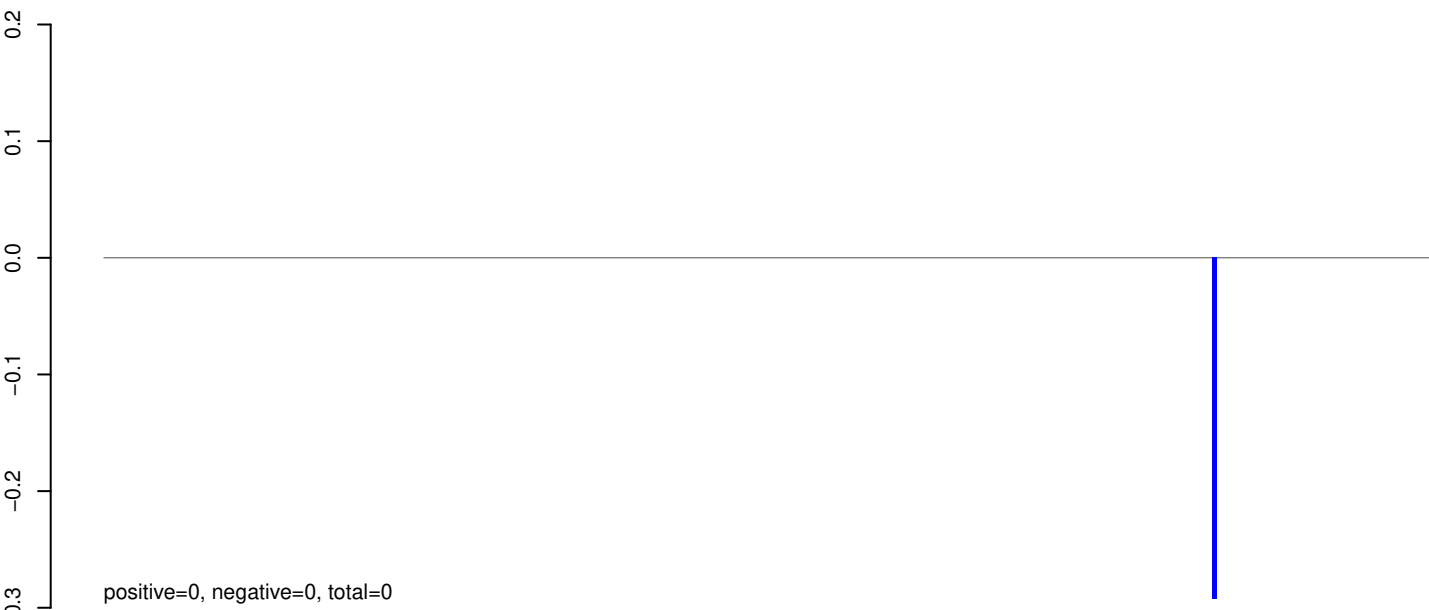
positive=1, negative=0, total=1

Window size=25, length=6788, TE@BEL-257\_AA-LTR-I:1-6788





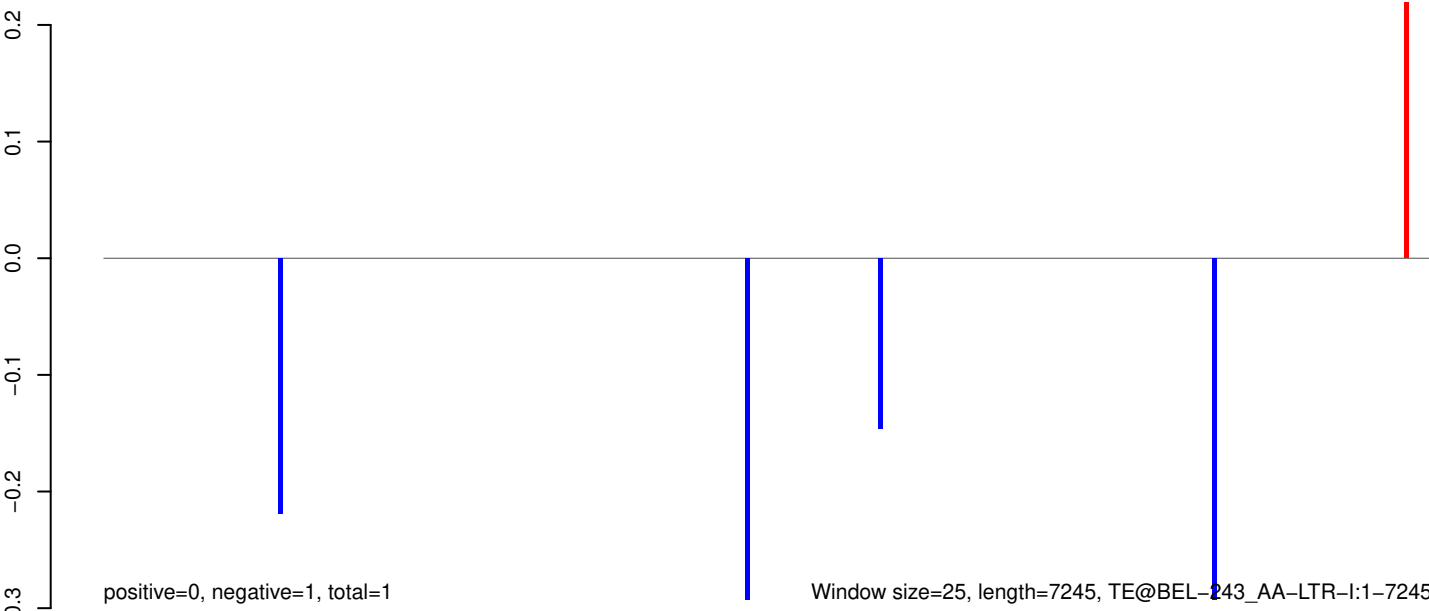
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



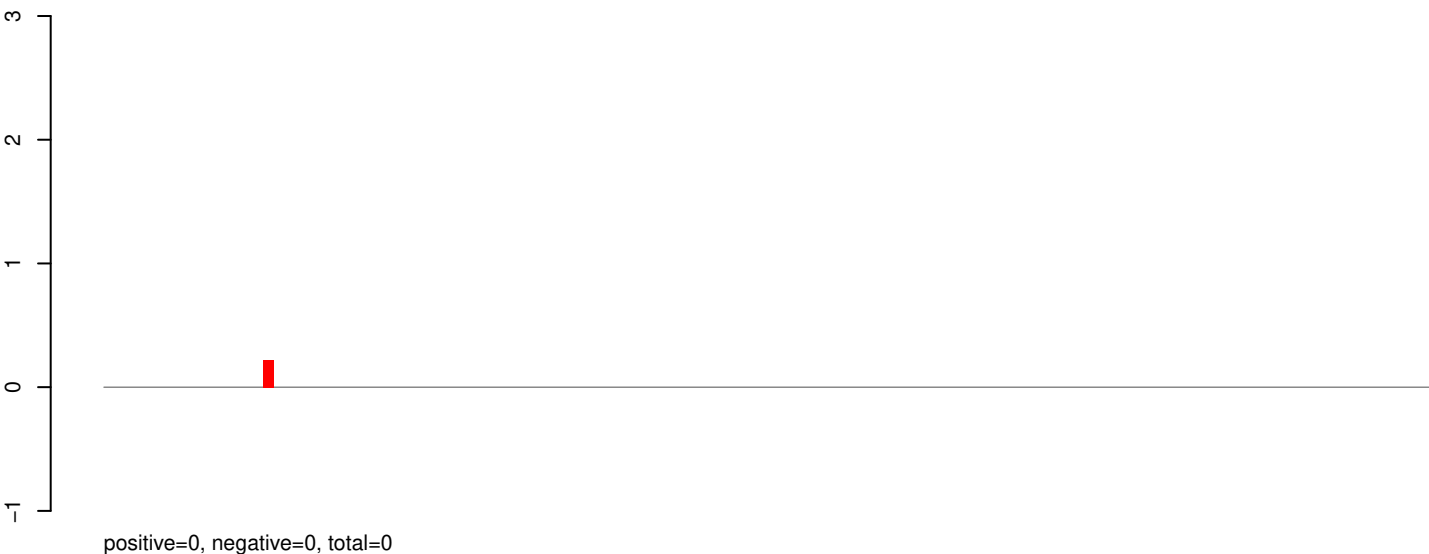
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



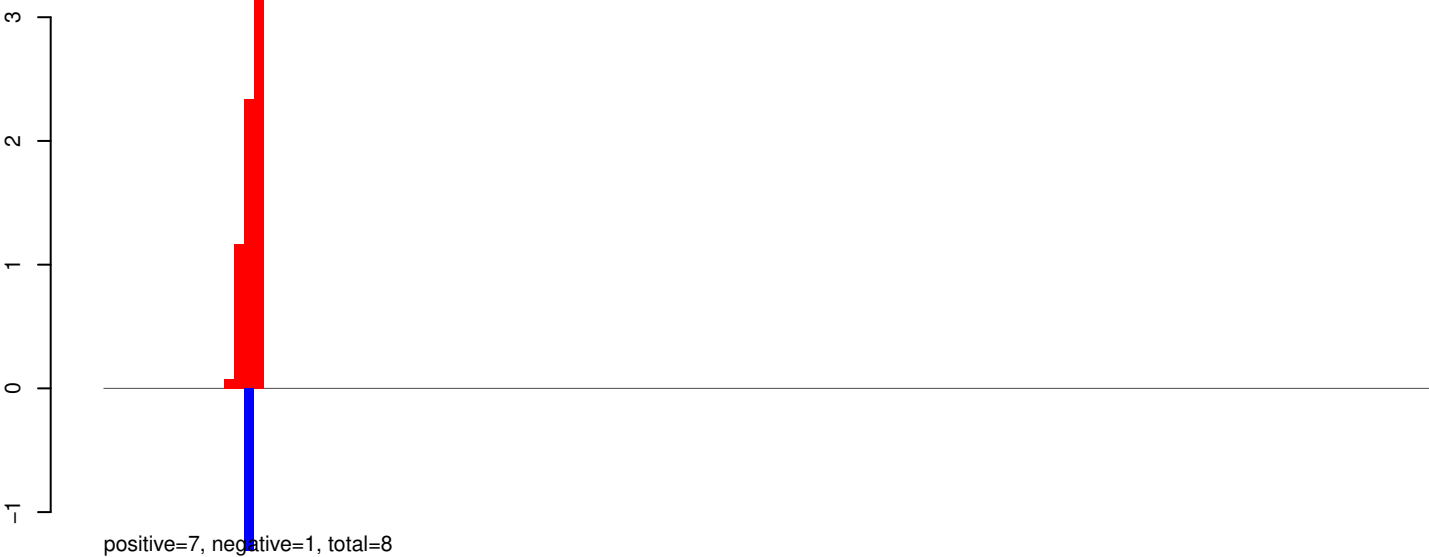
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



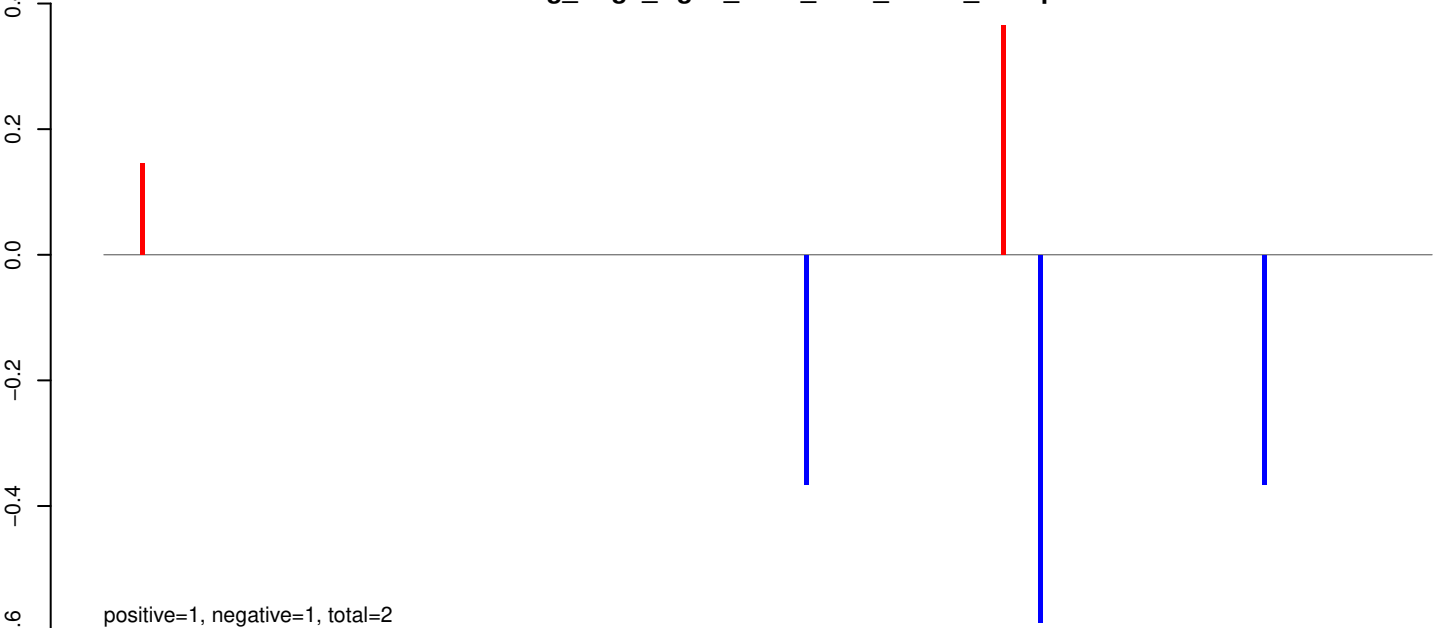
Window size=25, length=3309, TE@BEL-10\_AA-LTR-I:1-3309

0 500 1000 1500 2000 2500 3000

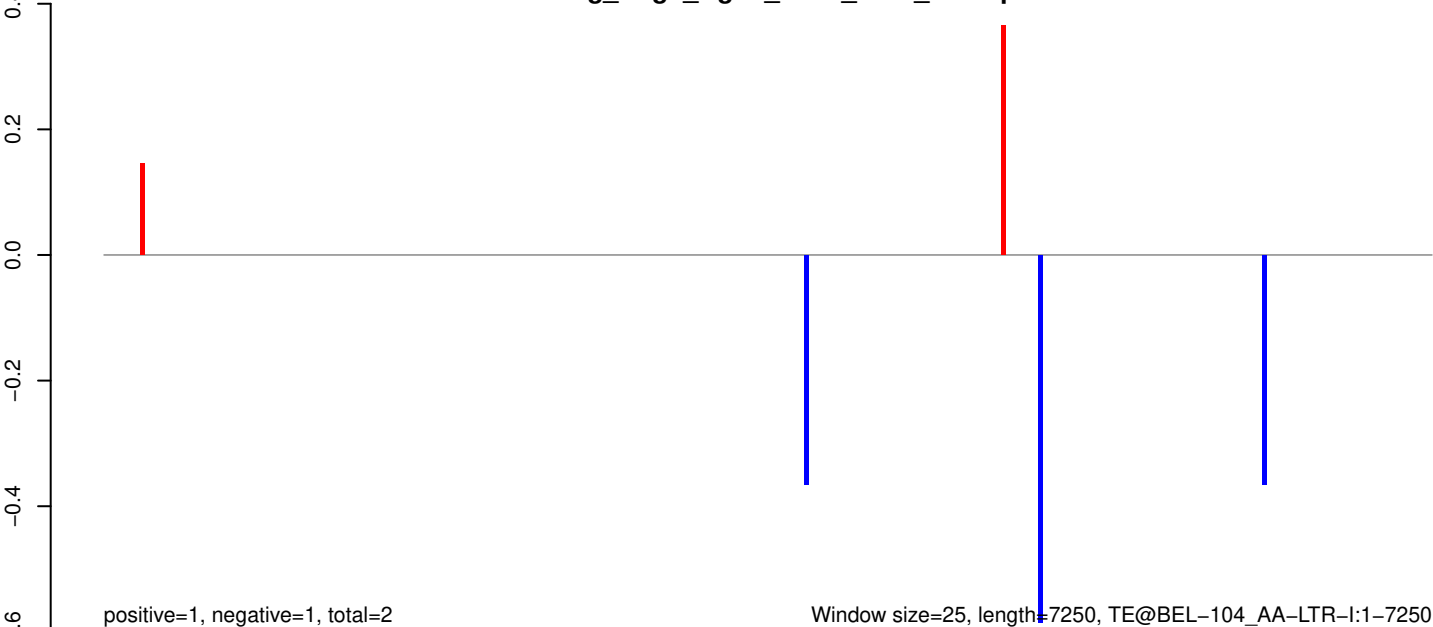
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



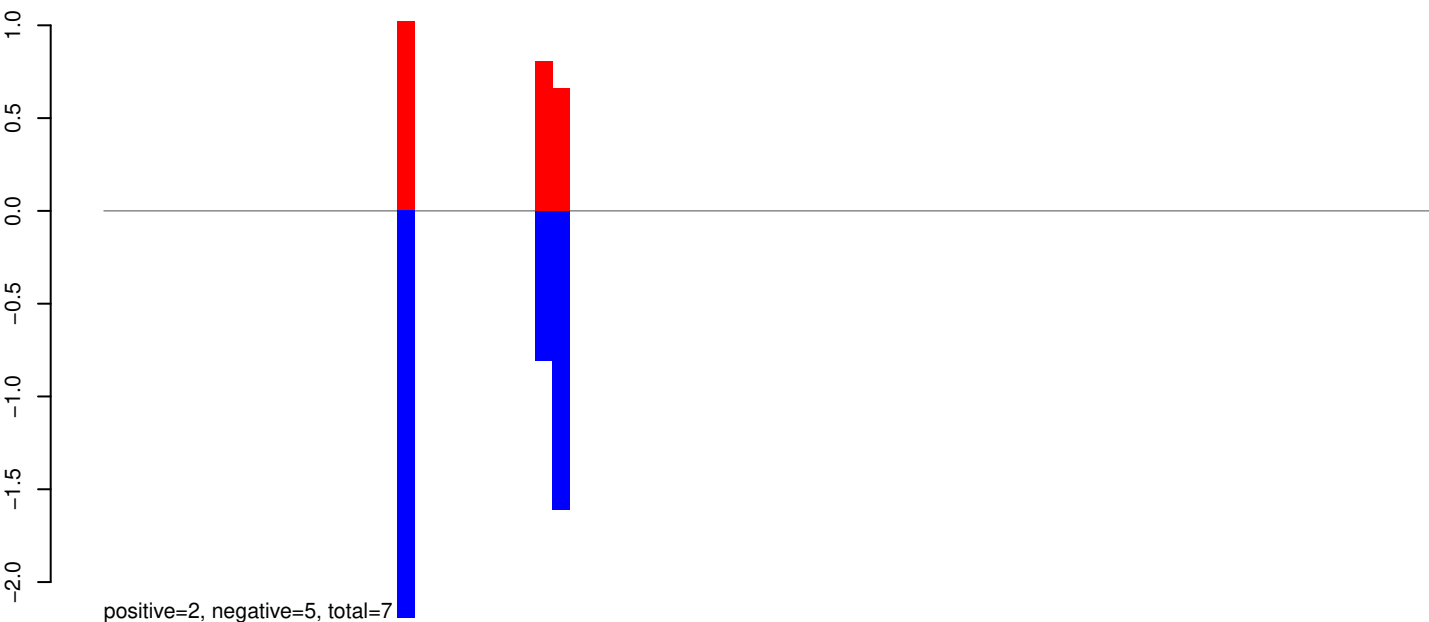
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



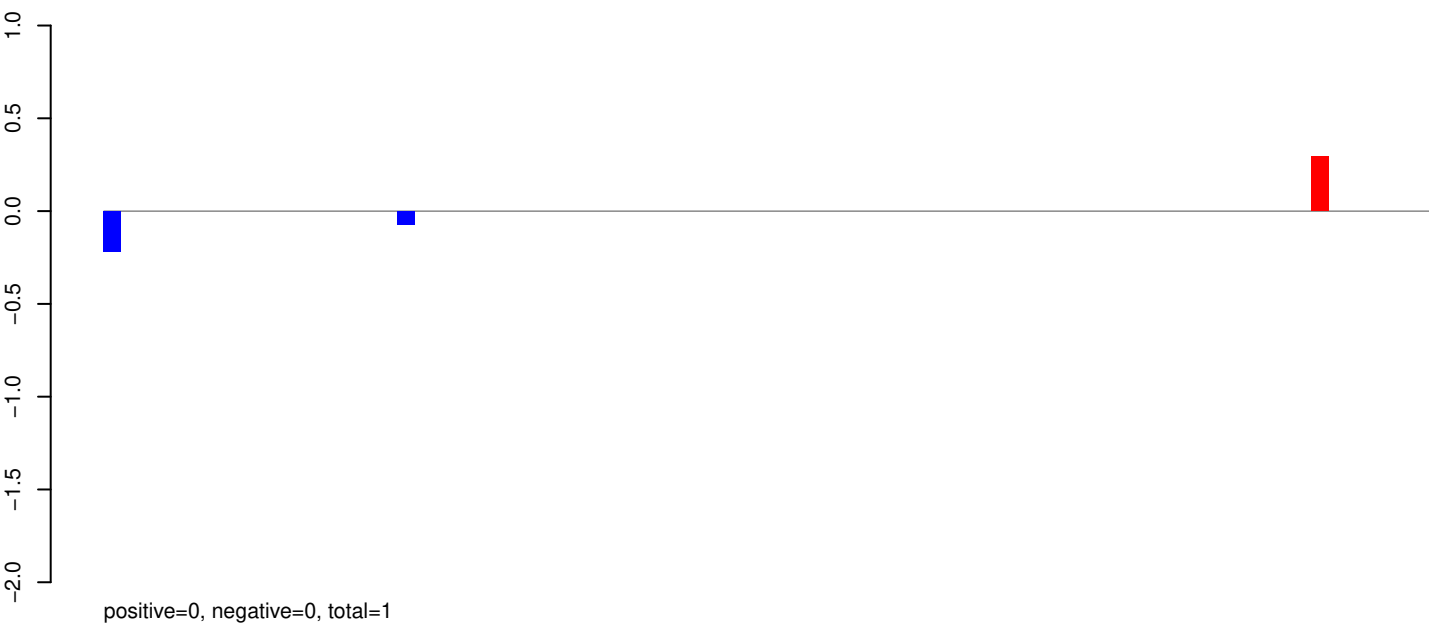
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



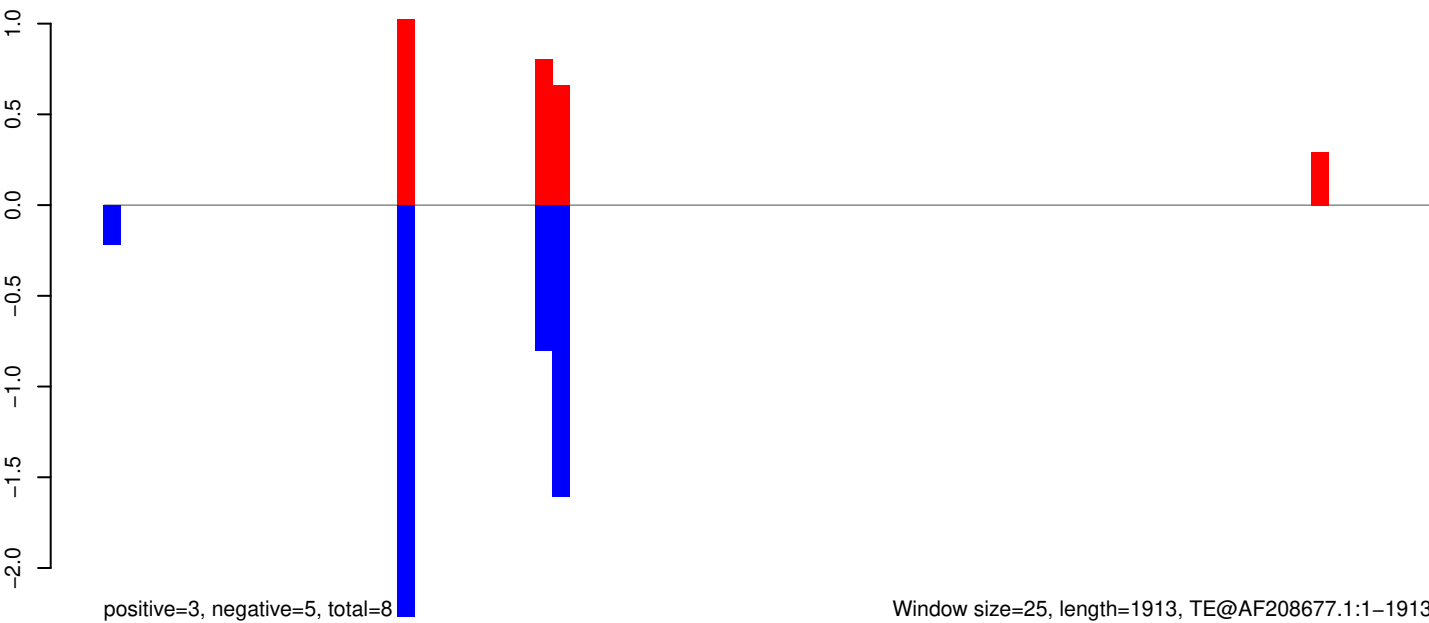
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



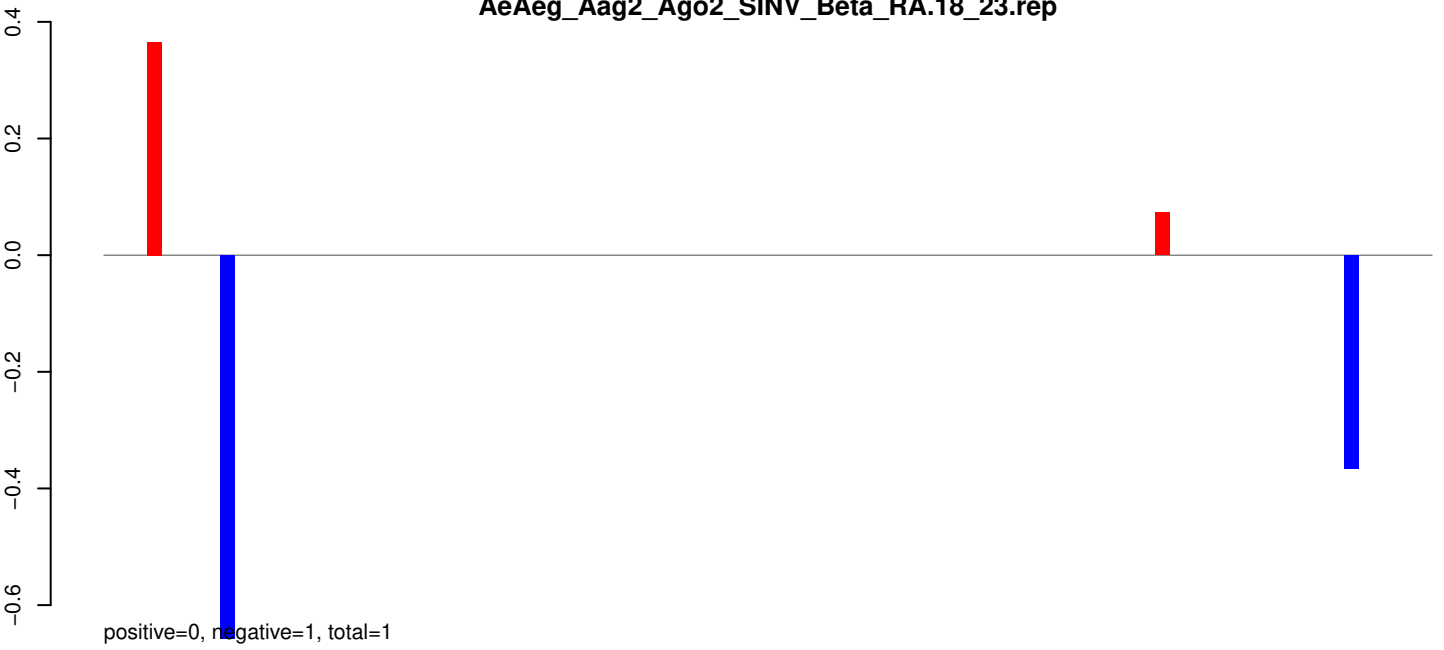
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



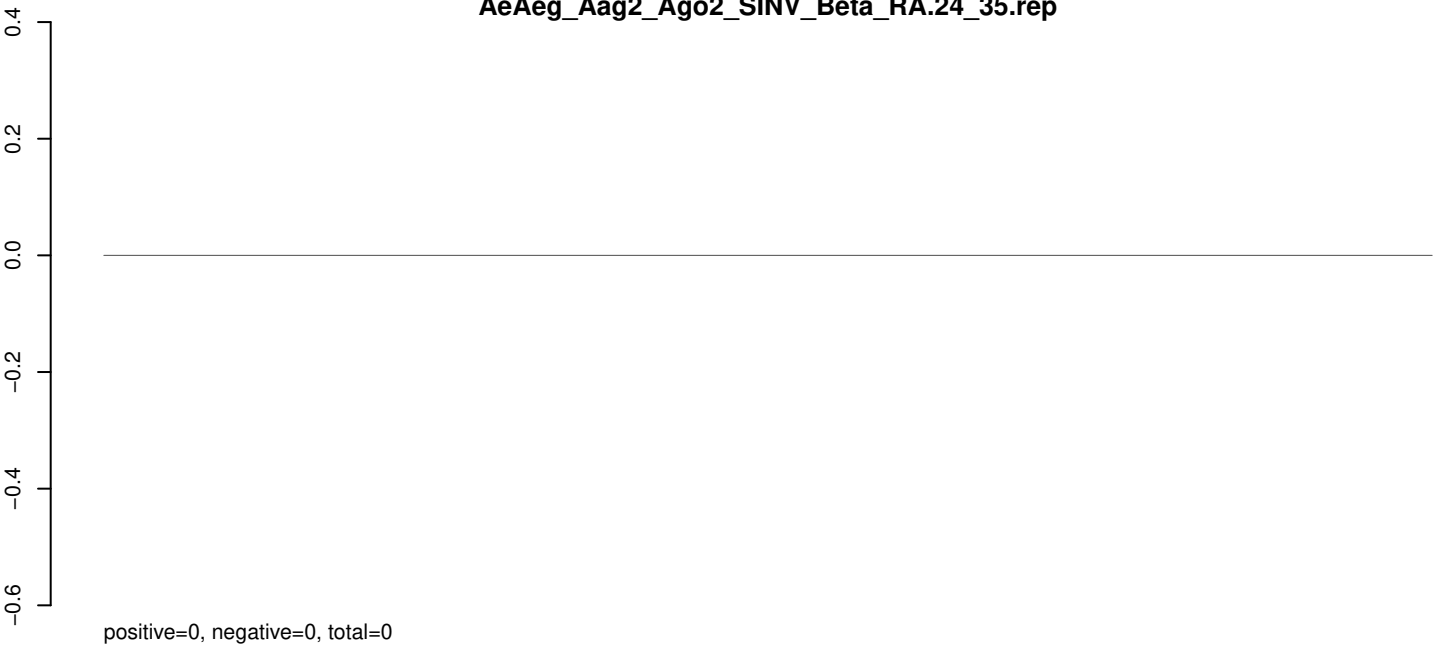
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



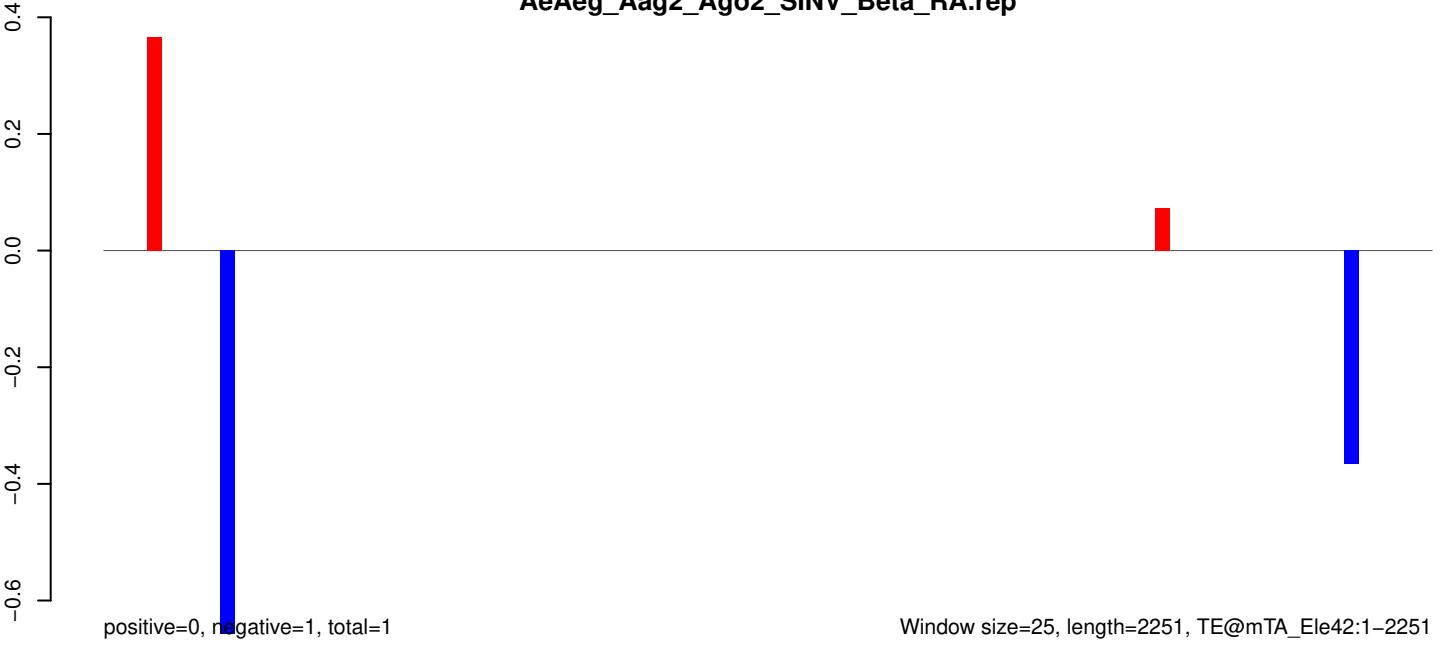
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=3, negative=1, total=4

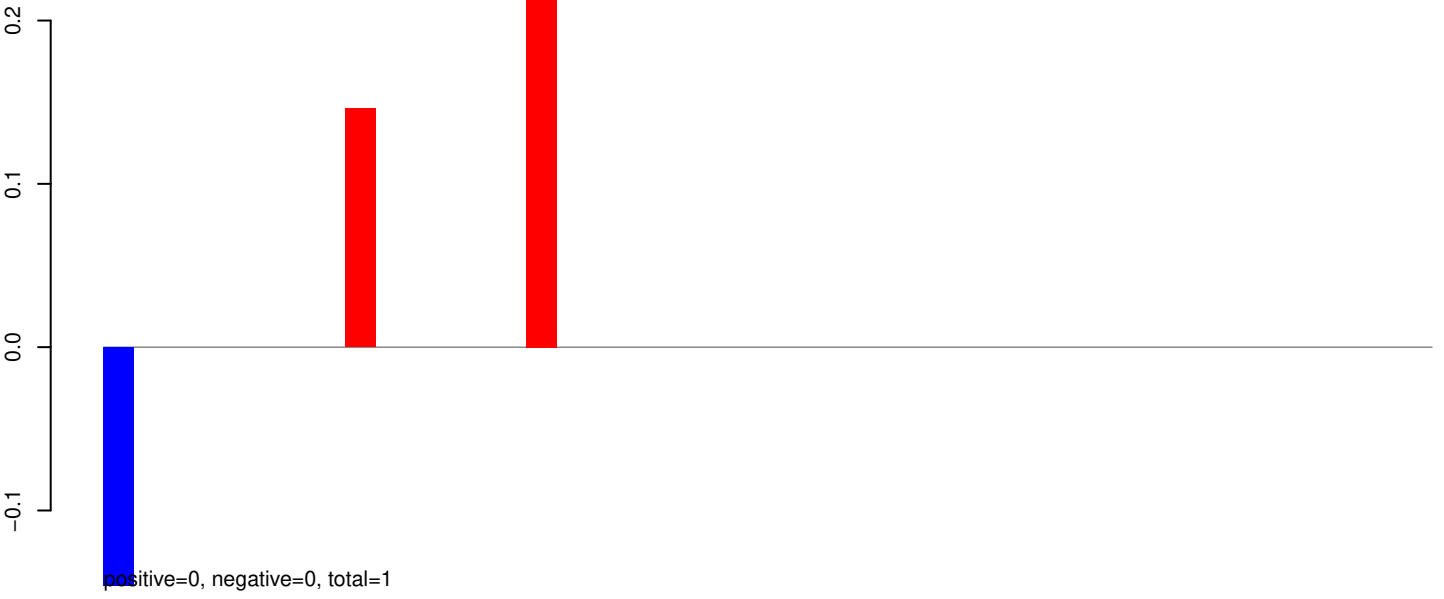
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



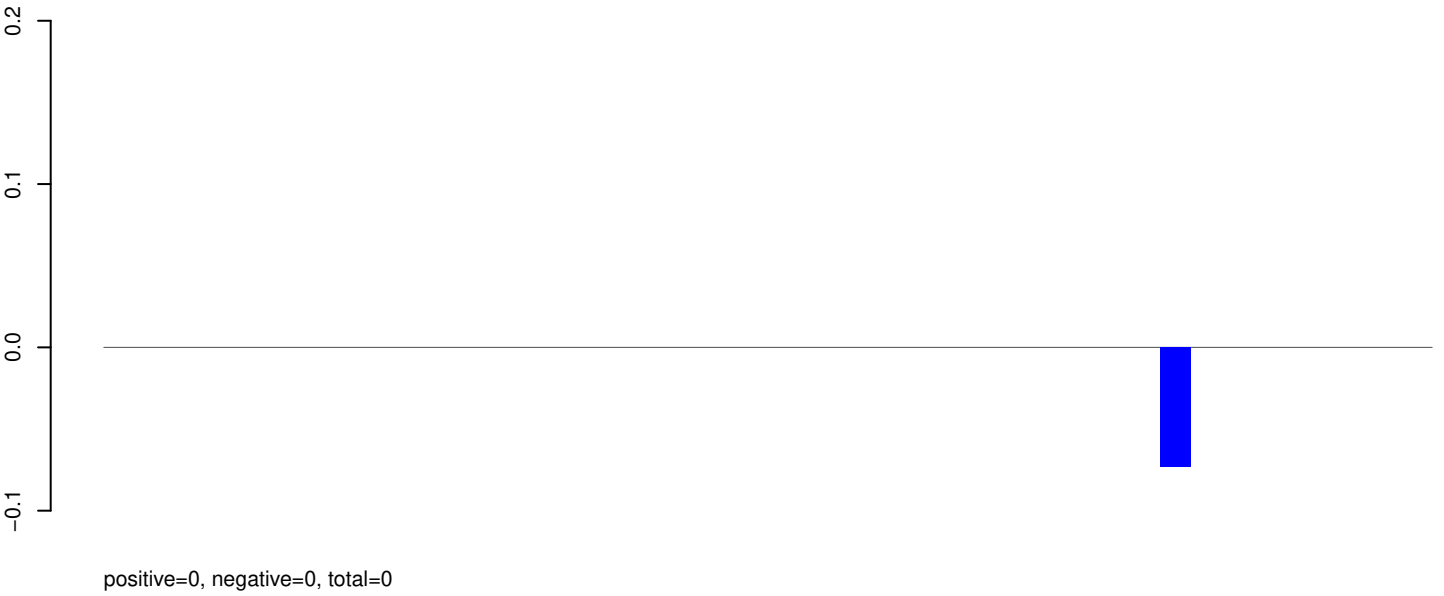
positive=5, negative=1, total=5

Window size=25, length=1049, TE@aedes\_aegypti\_1703\_6-Unknown:1-1049

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



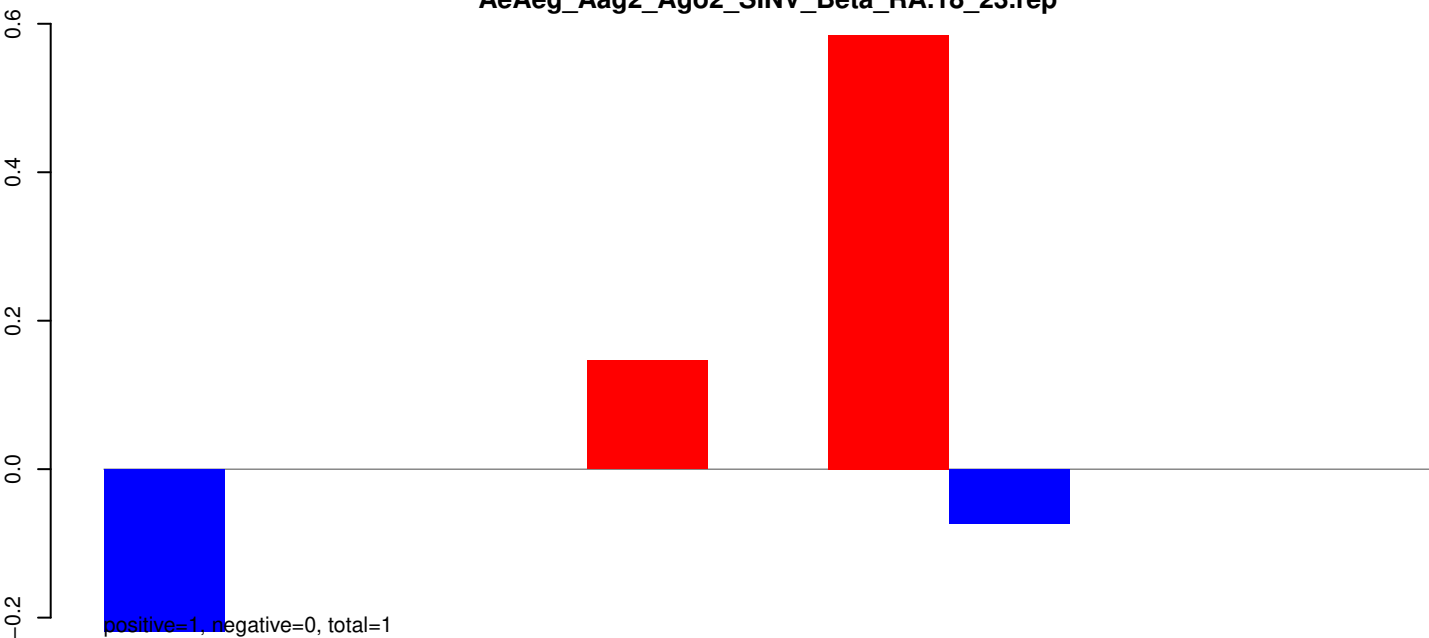
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



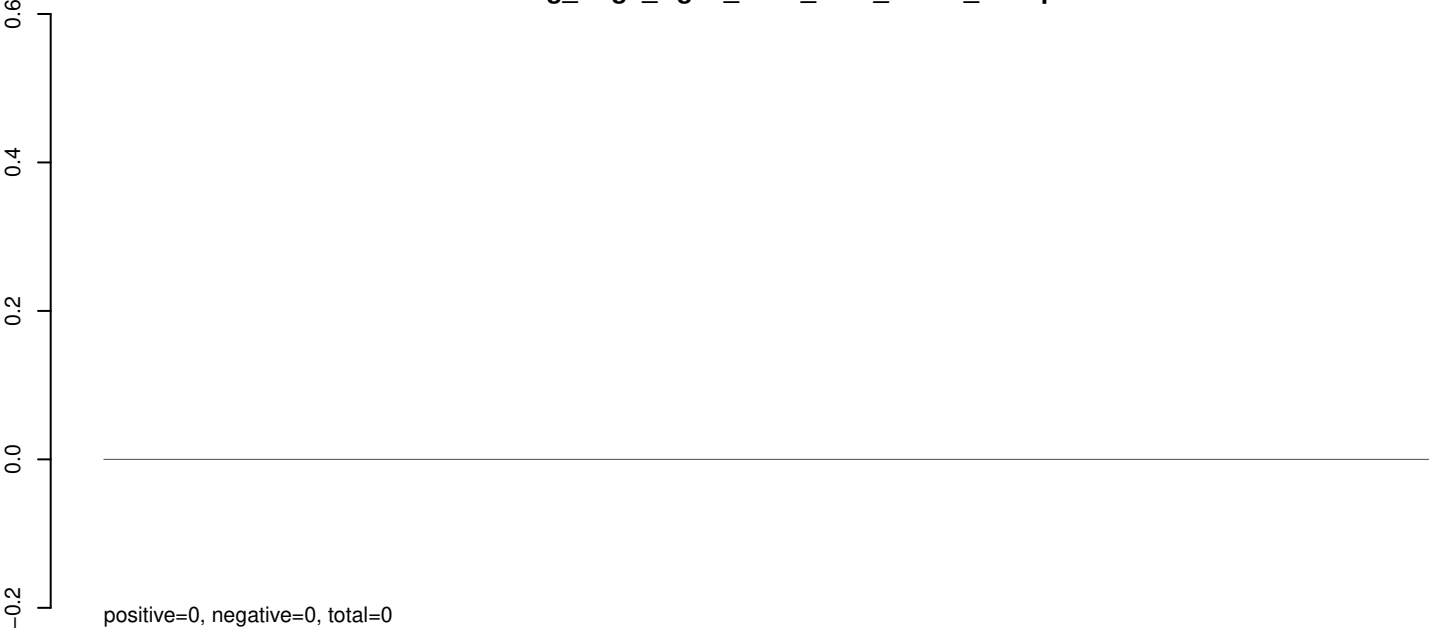
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



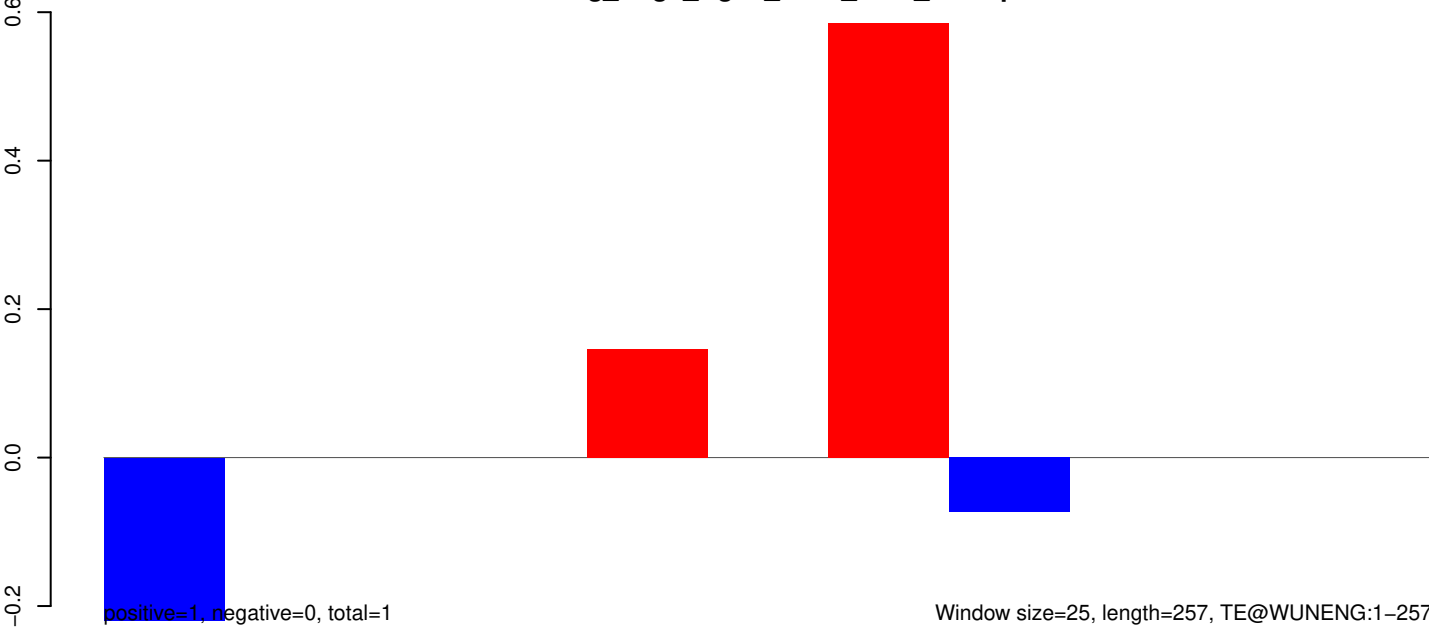
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

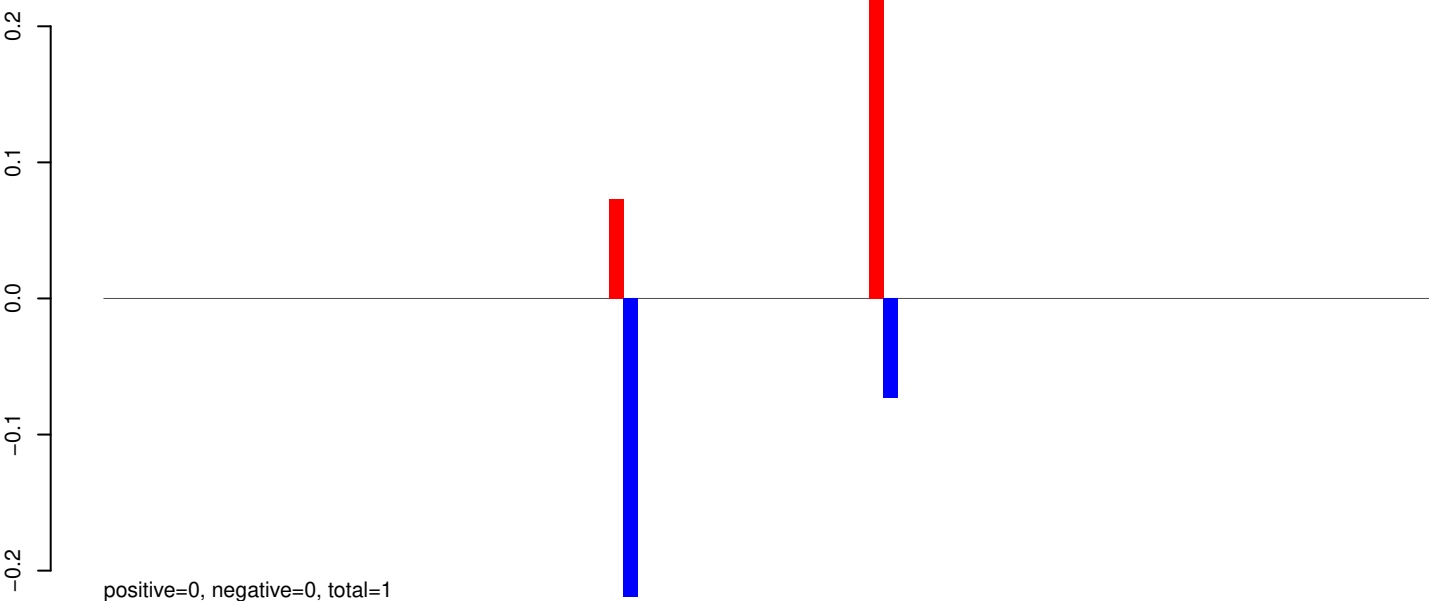


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

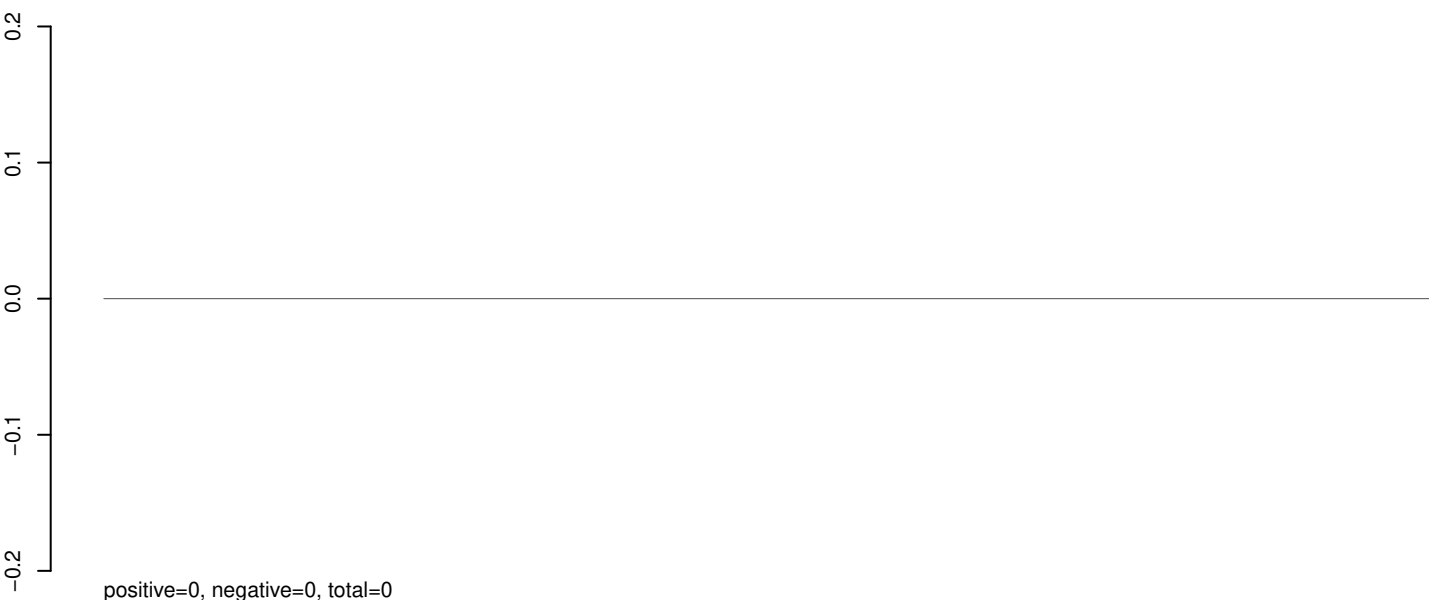




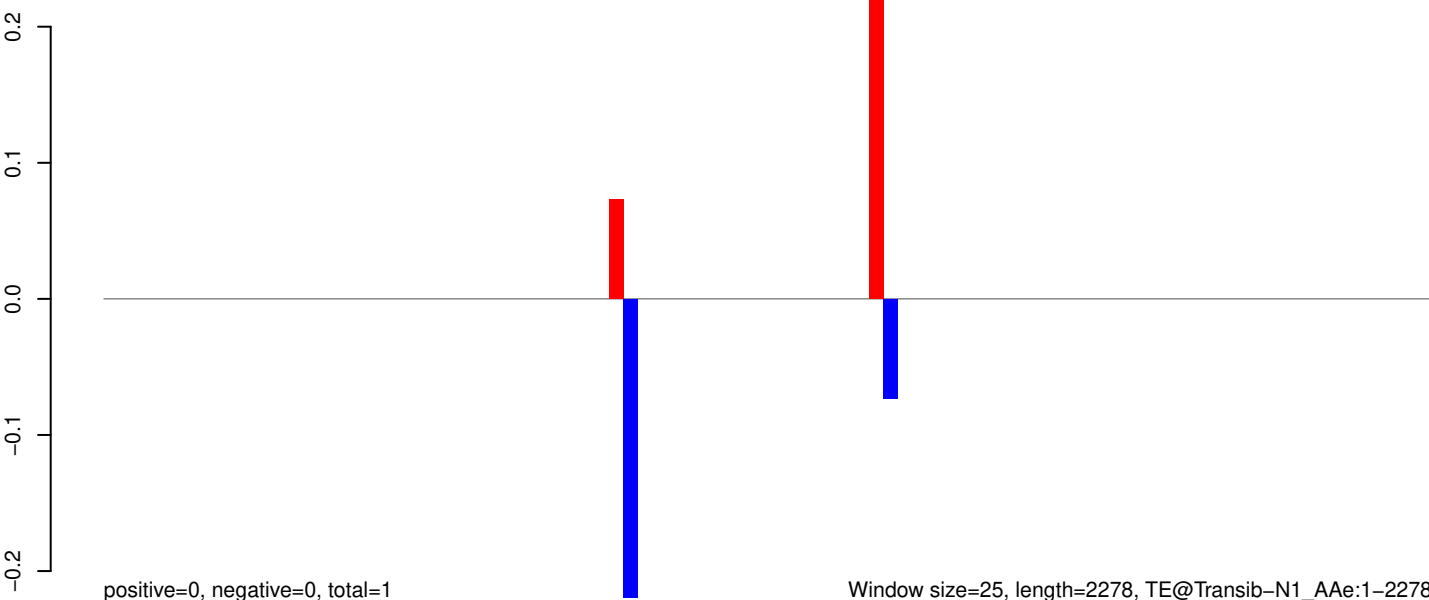
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

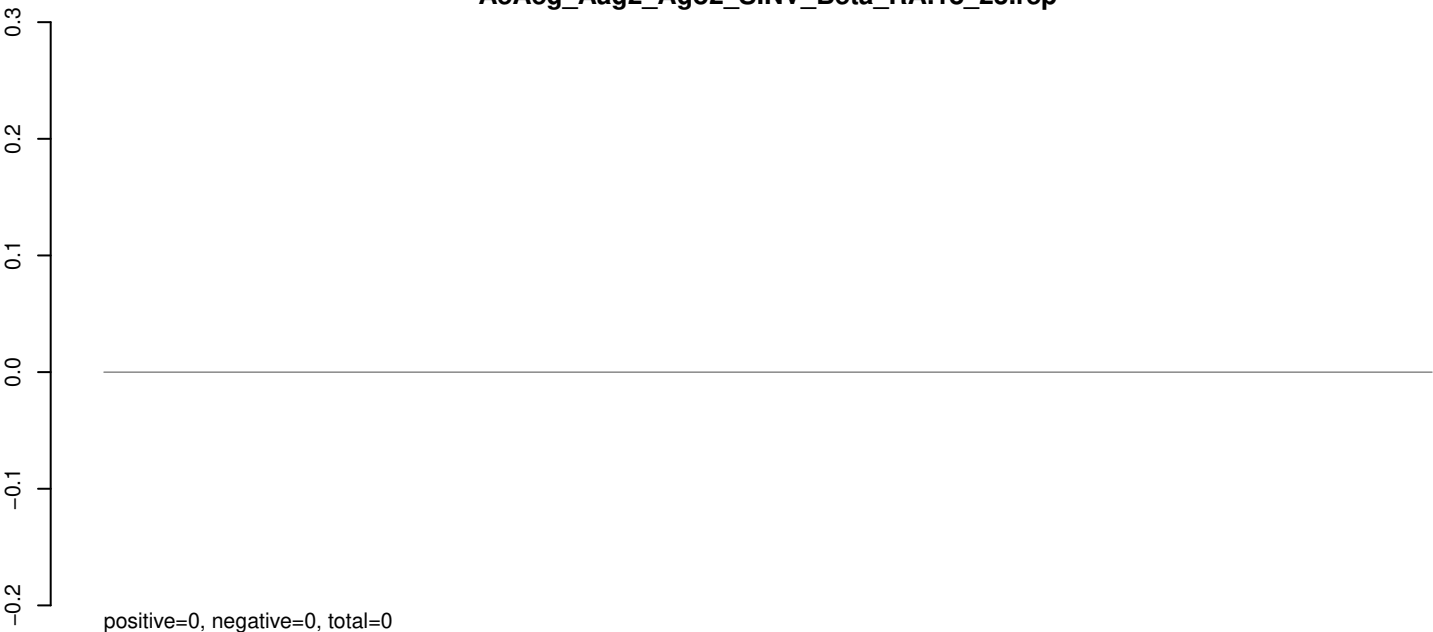


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

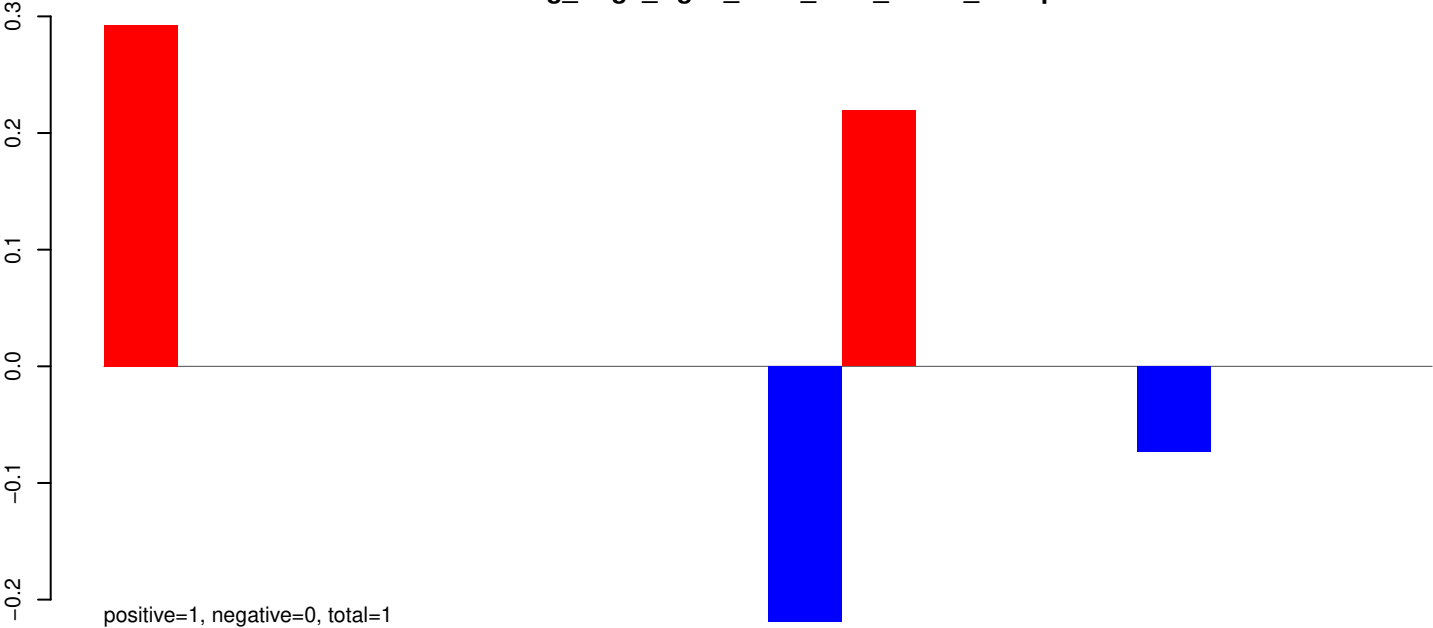


Window size=25, length=2278, TE@Transib-N1\_A Ae:1-2278

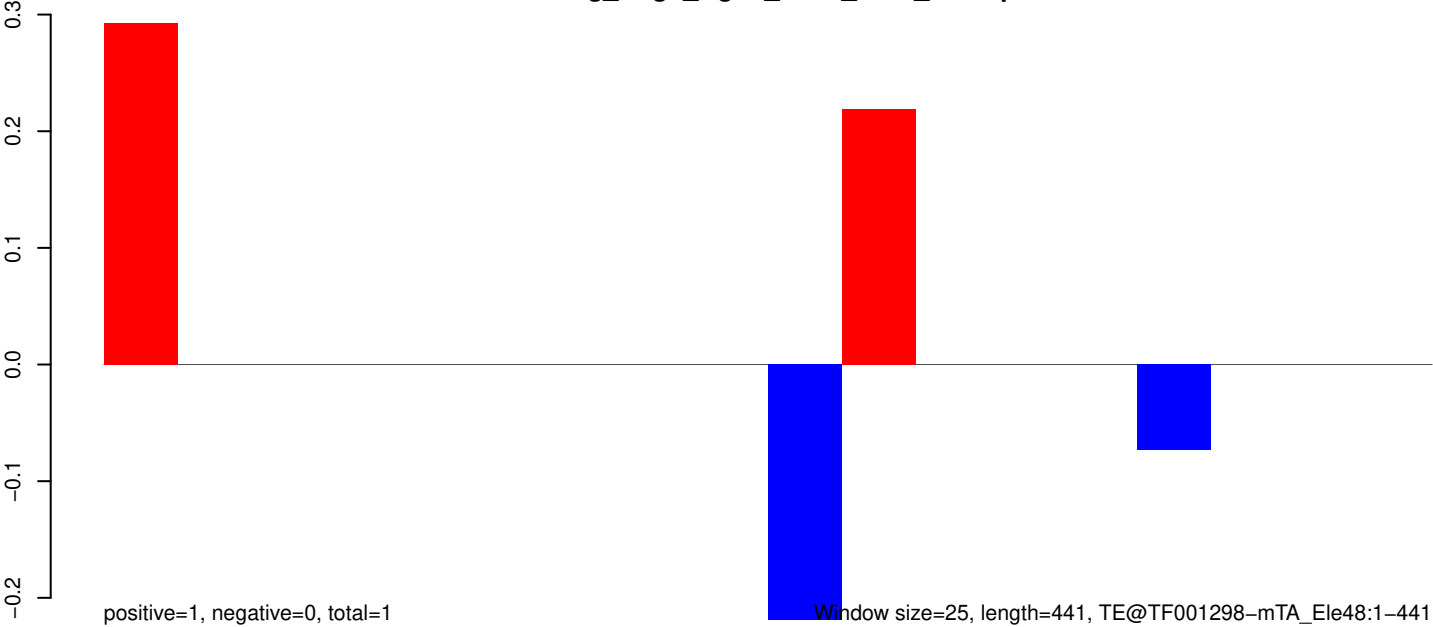
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

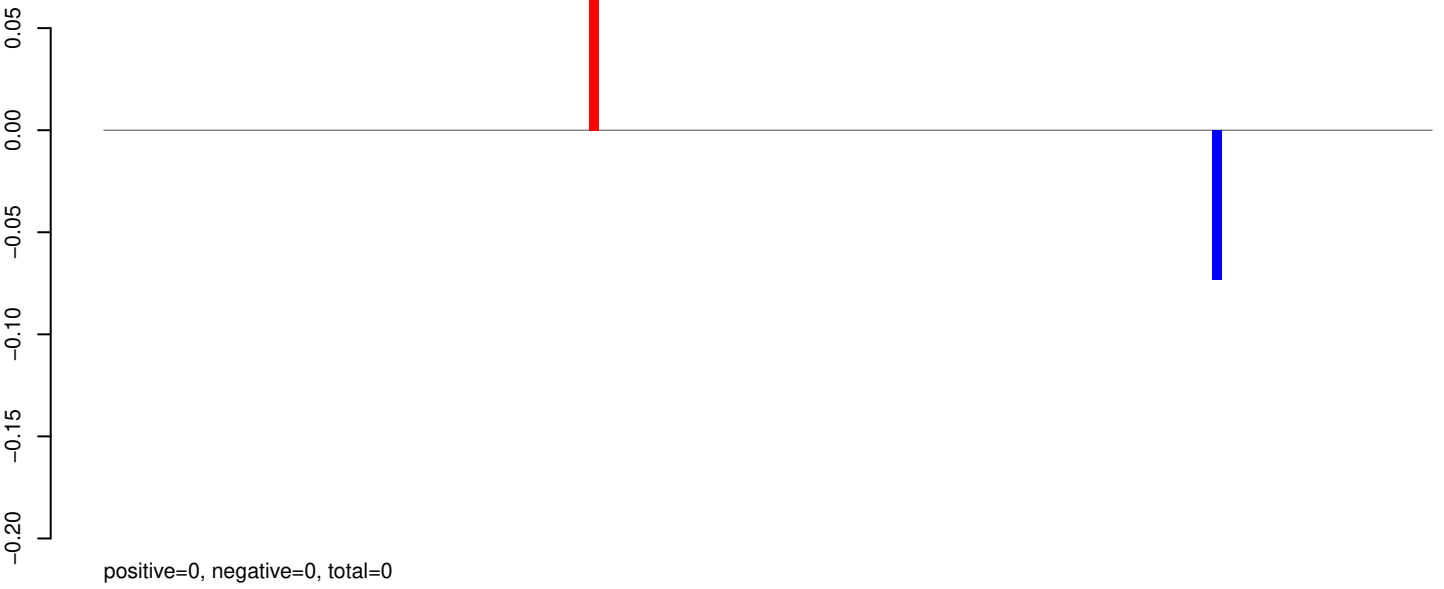


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

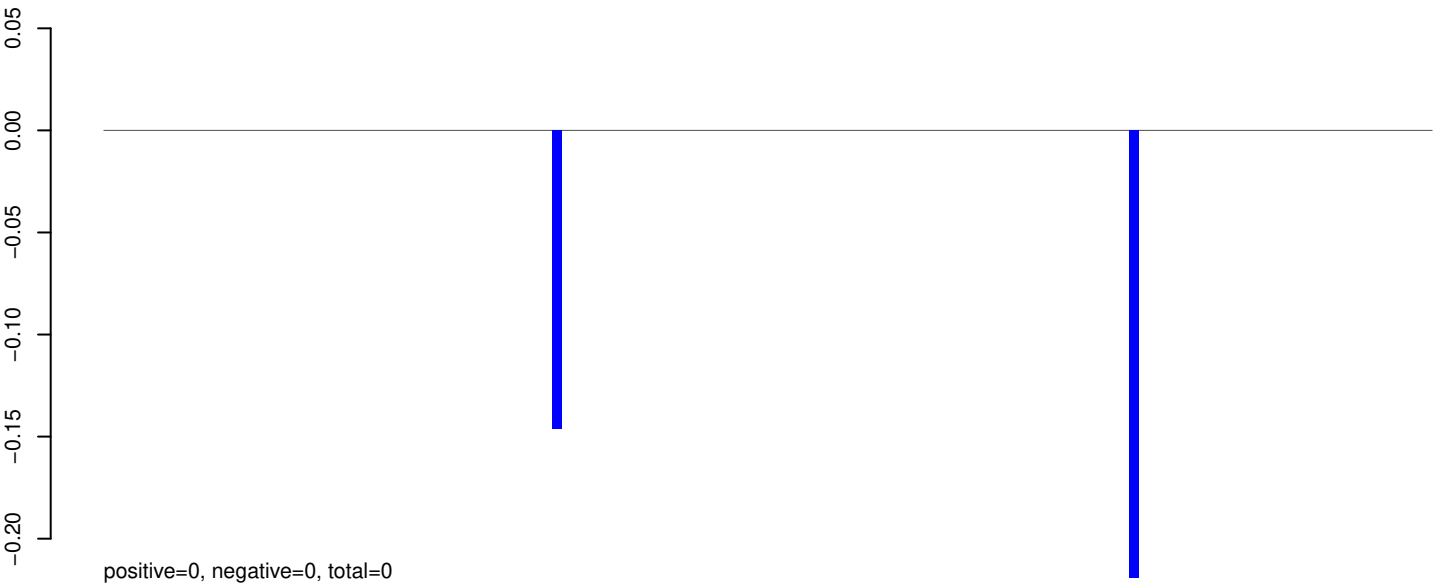


Window size=25, length=441, TE@TF001298-mTA\_Ele48:1-441

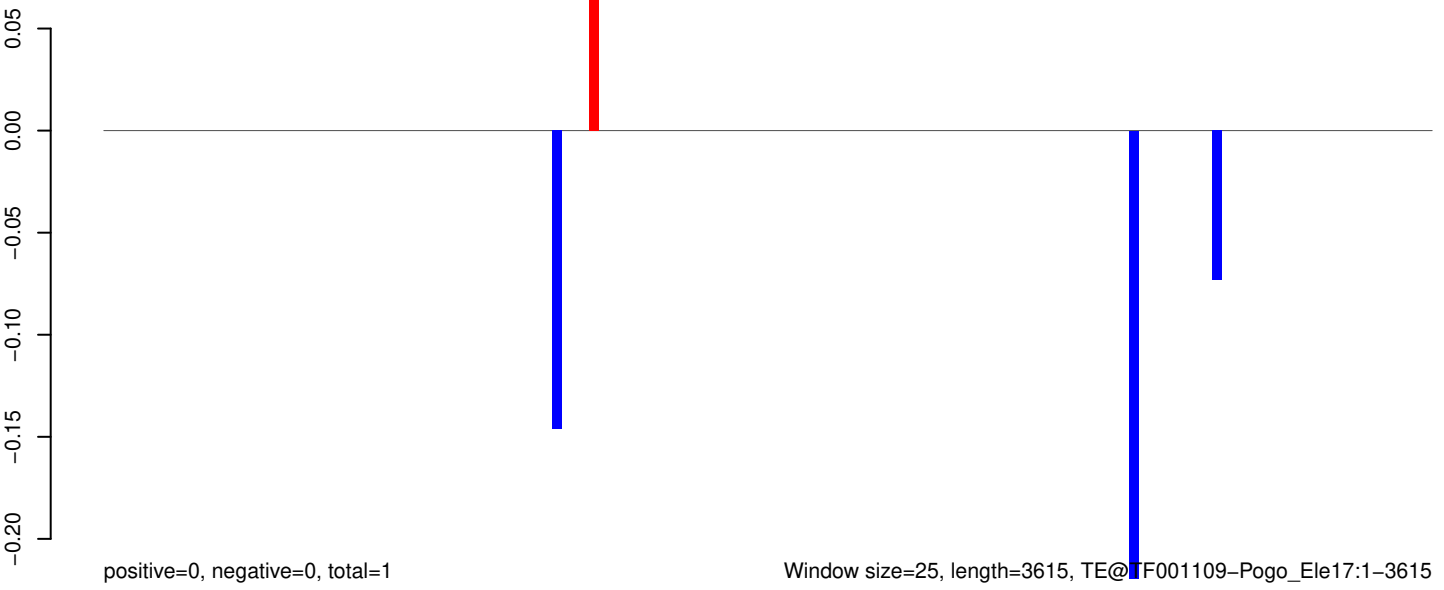
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



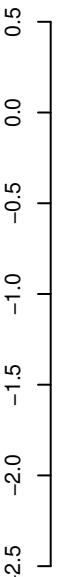
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

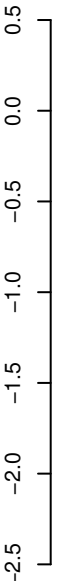


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



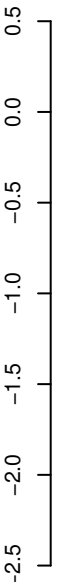
positive=1, negative=7, total=8

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



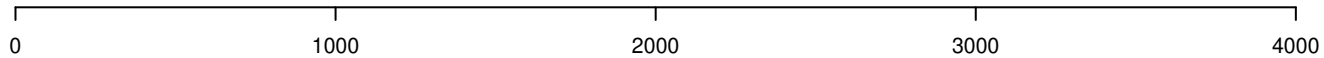
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=1, negative=7, total=9

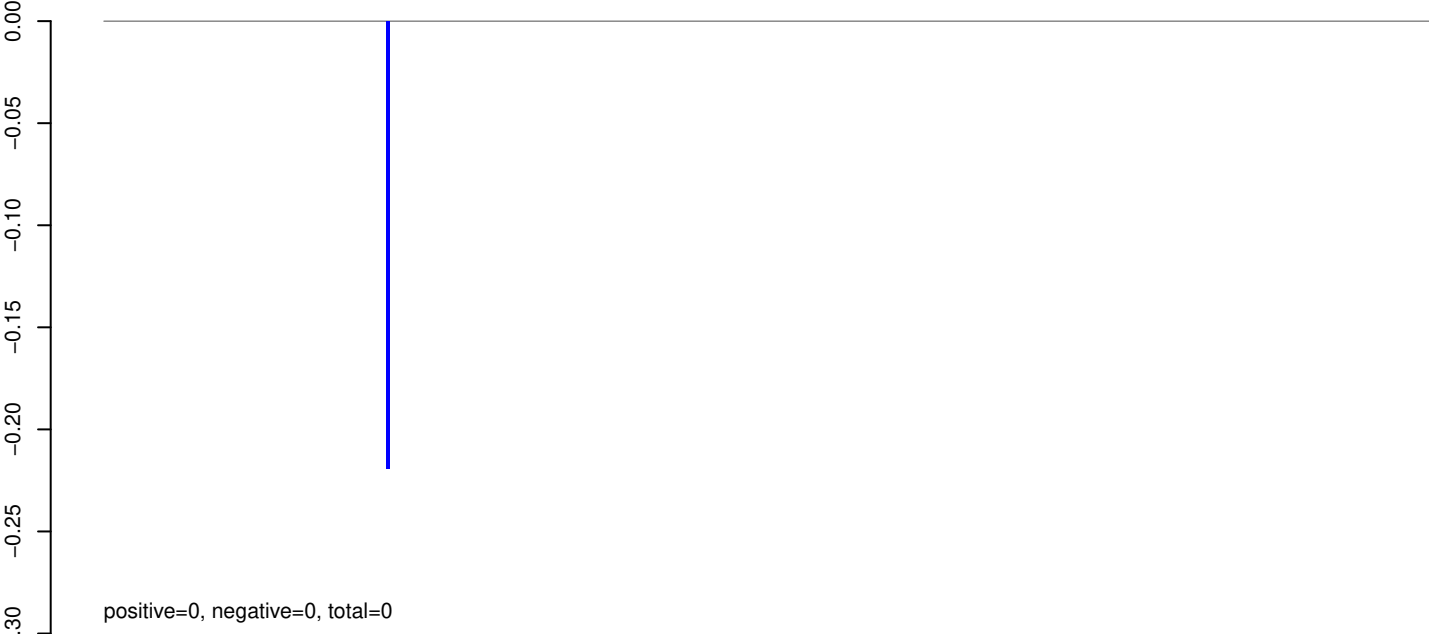
Window size=25, length=4141, TE@TF001031-Ty1\_copia\_Ele177:1-4141



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



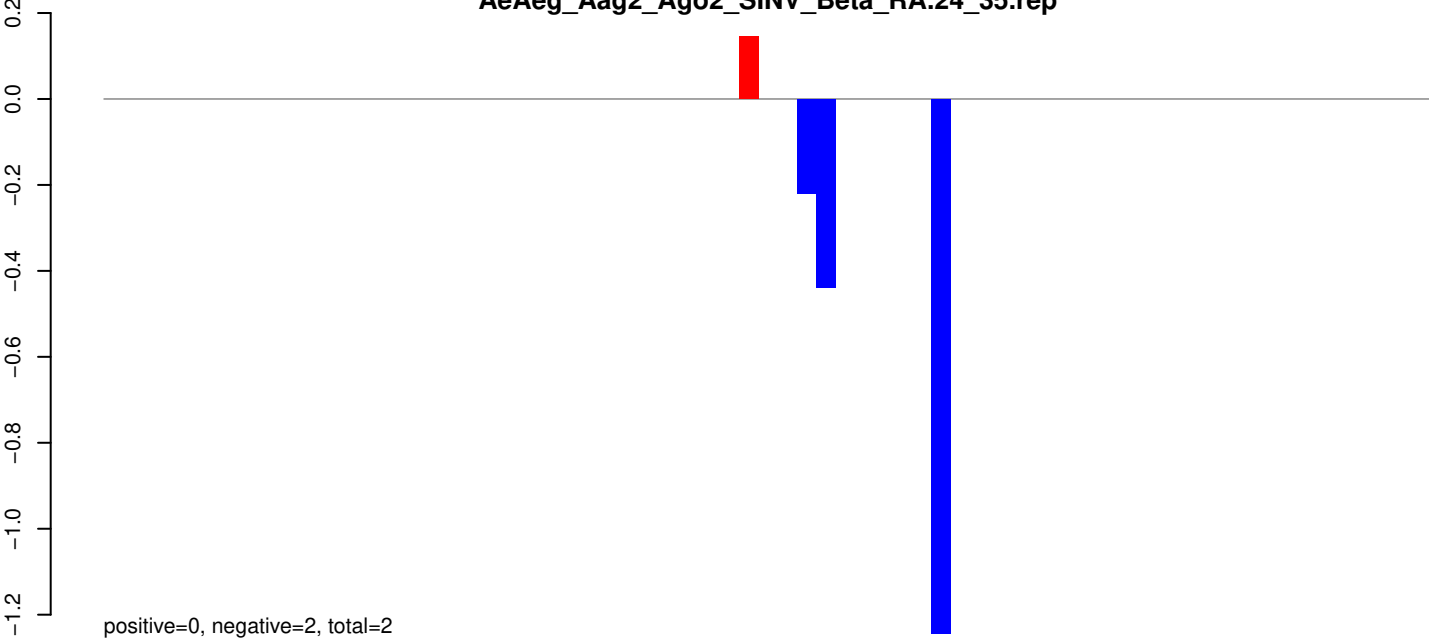
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



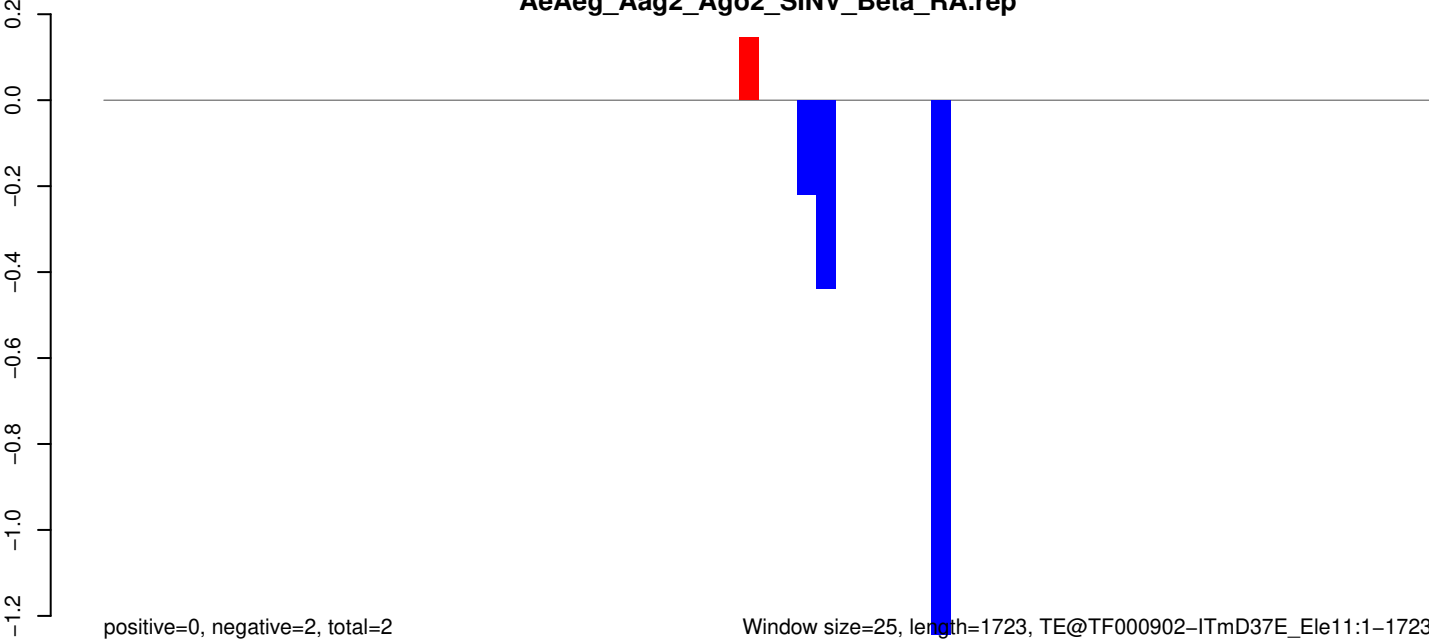
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



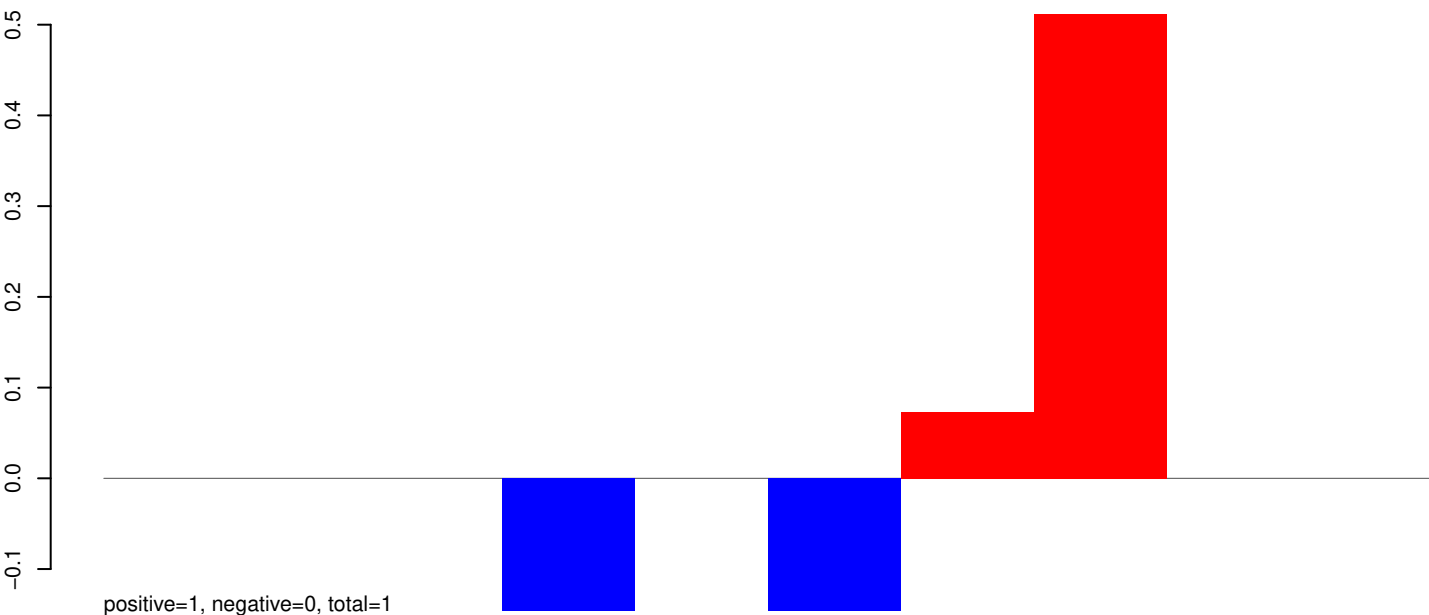
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=1723, TE@TF000902-ITmD37E\_Ele11:1-1723

0 500 1000 1500

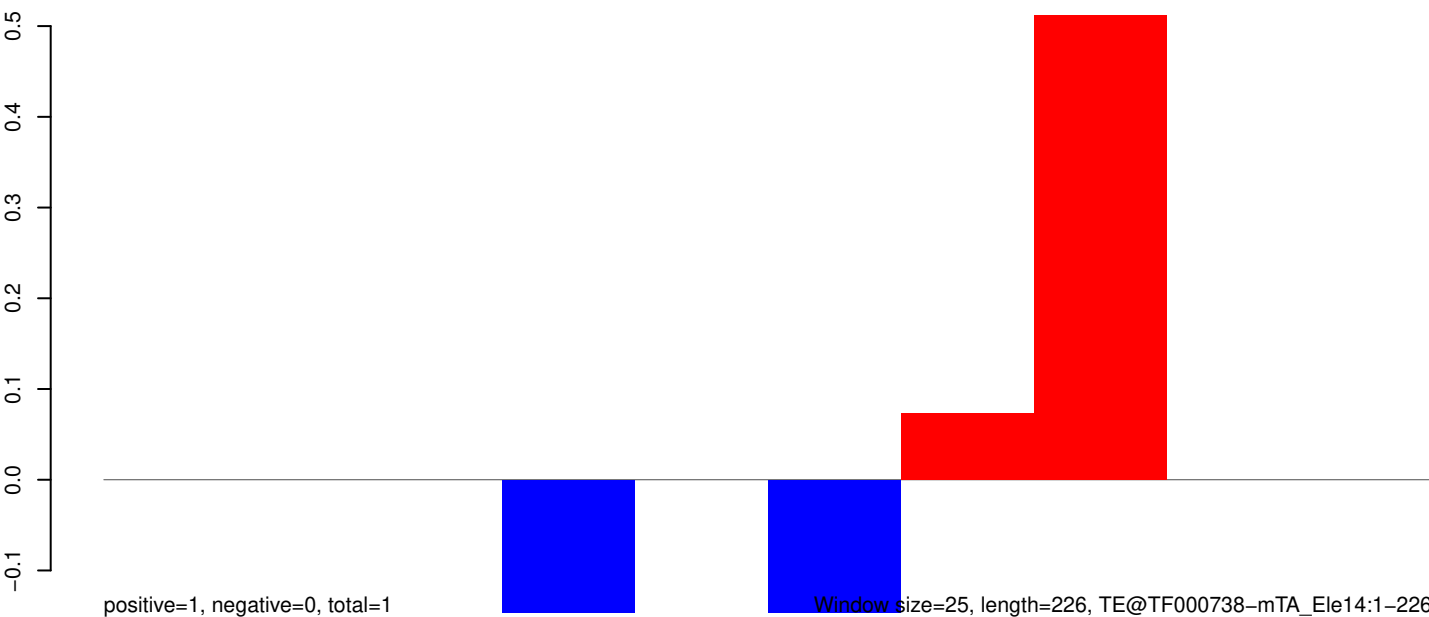
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

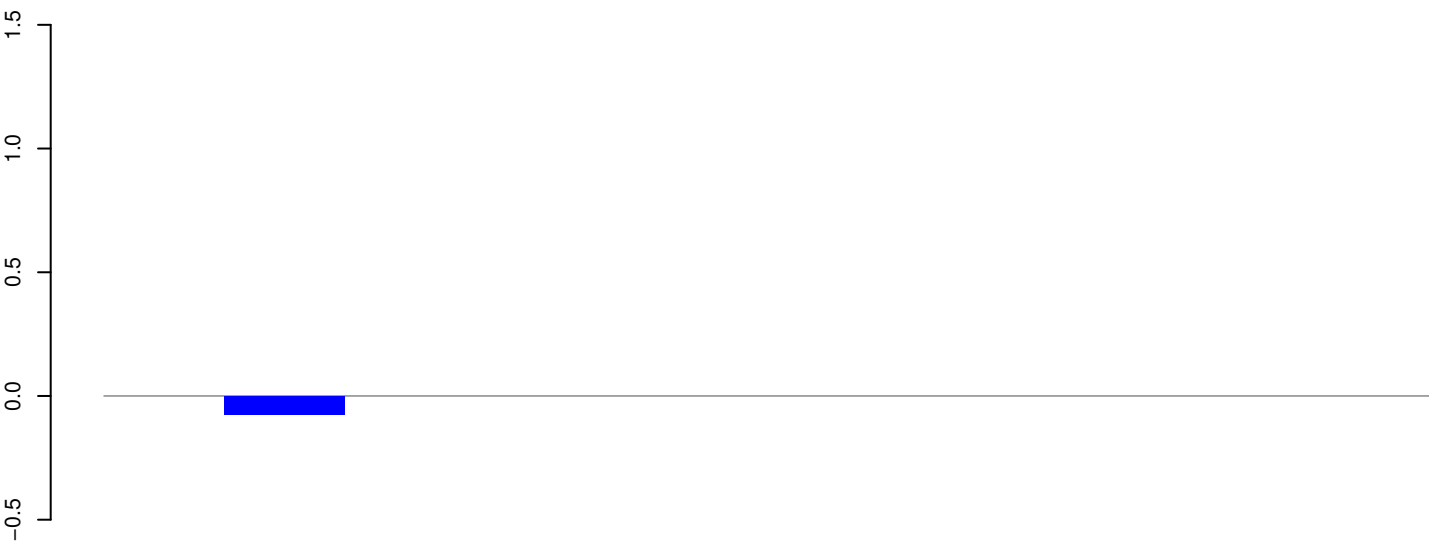


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



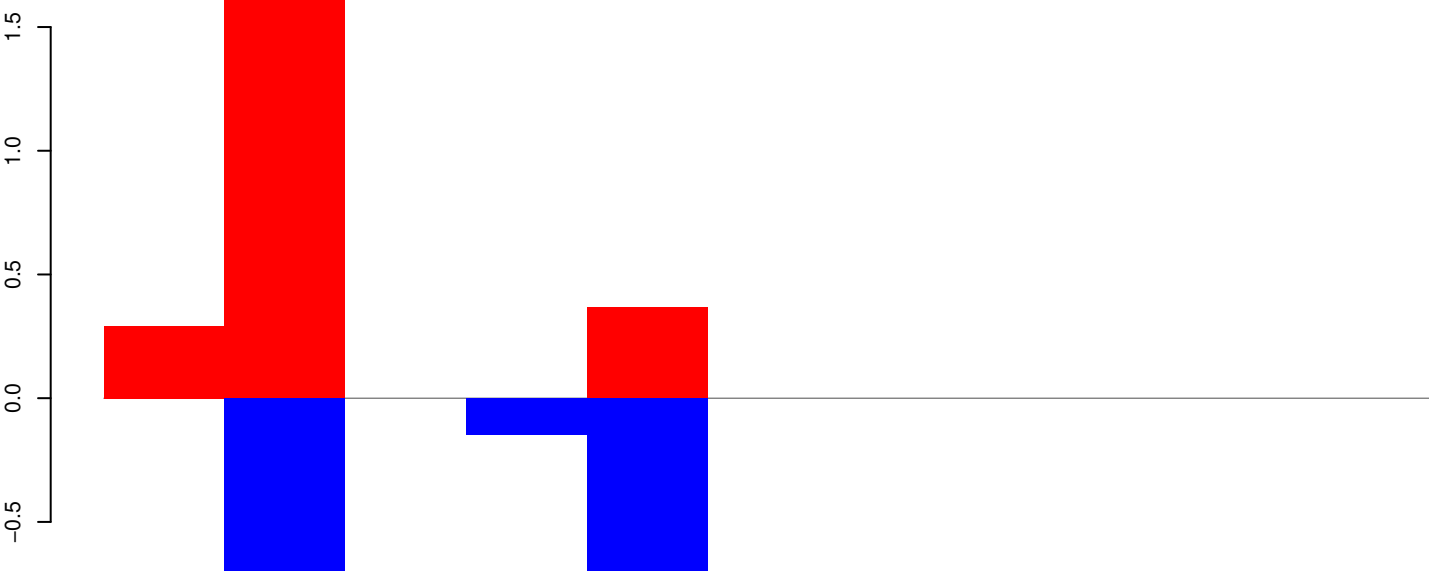
50 100 150 200 250

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



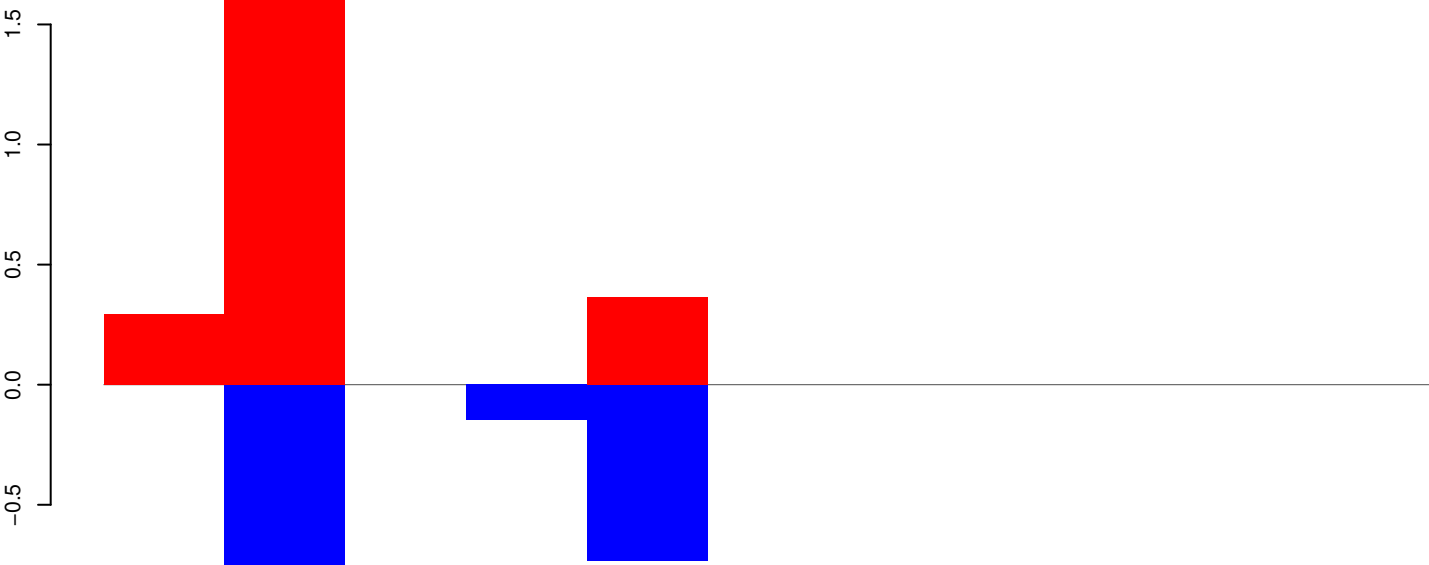
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=2, negative=2, total=4

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



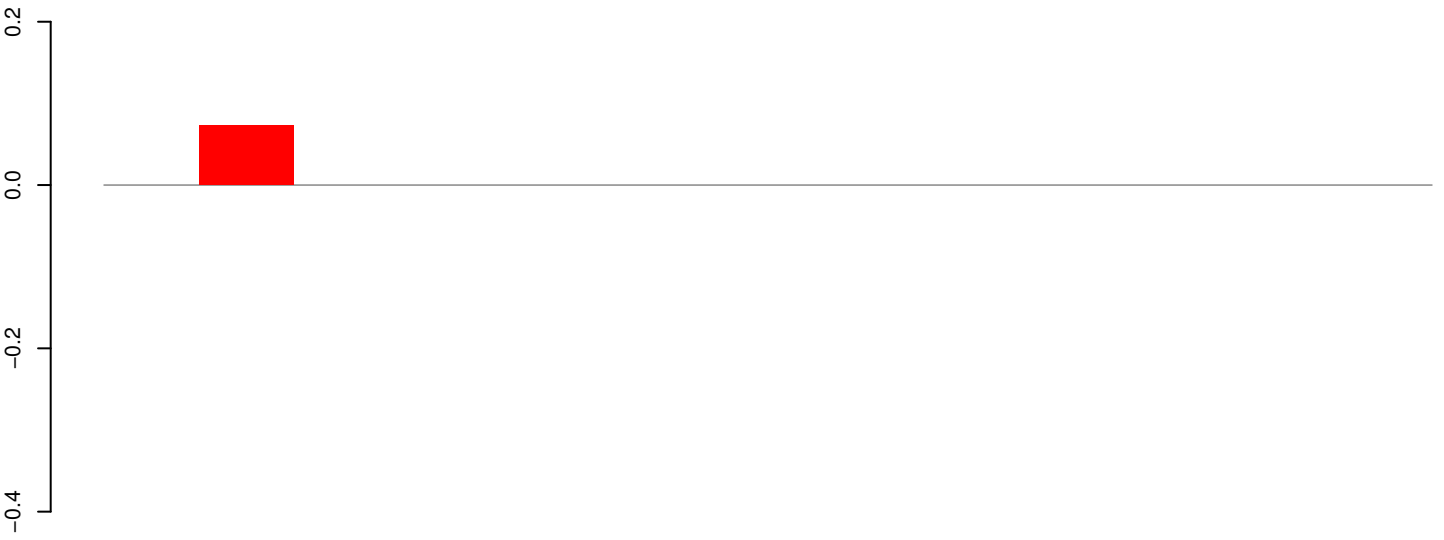
positive=2, negative=2, total=4

Window size=25, length=251, TE@TF000729-mTA\_Ele6:1-251

50 100 150 200 250 300



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

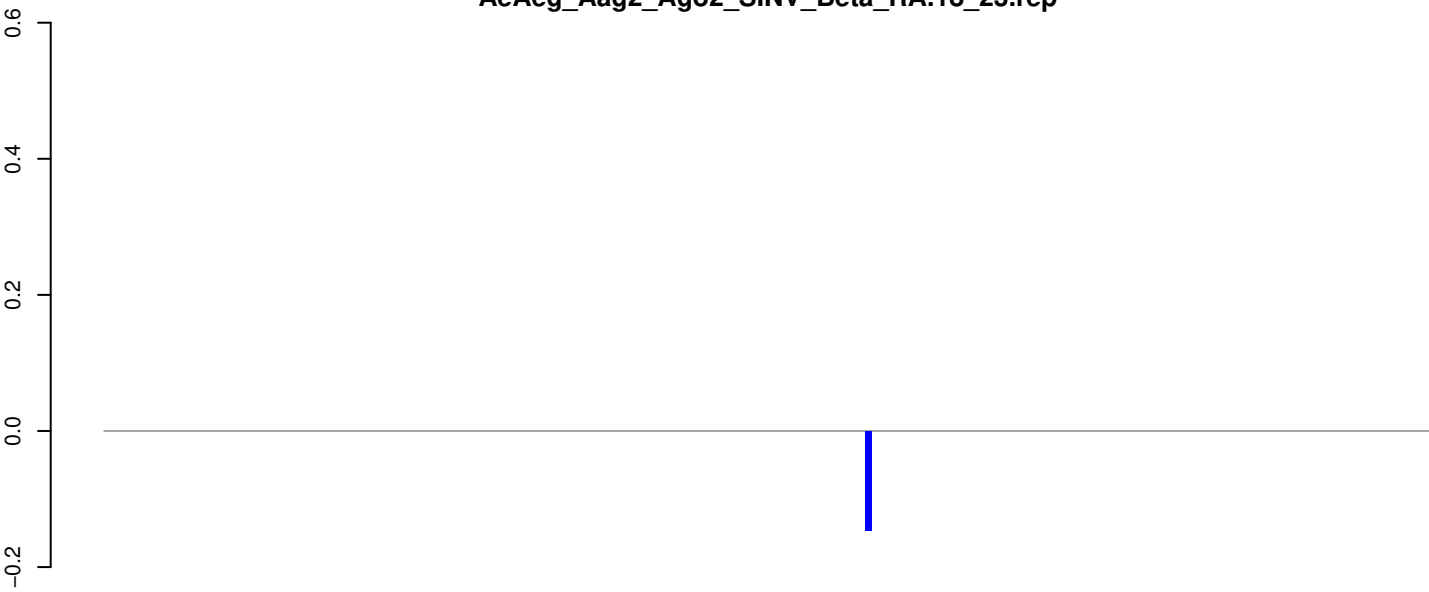


positive=0, negative=1, total=1

Window size=25, length=348, TE@TF000700-m8bp\_Ele2:1-348

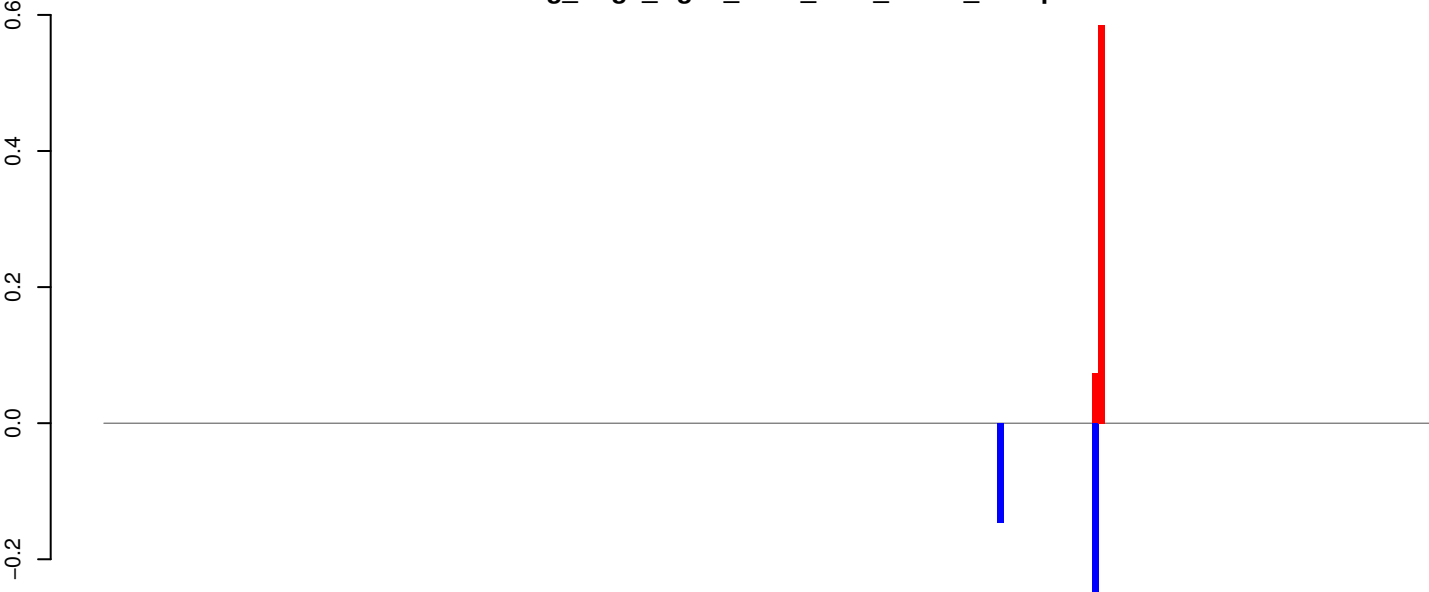
50 100 150 200 250 300 350

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



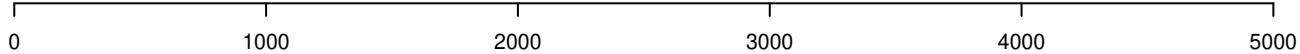
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=1, negative=1, total=1

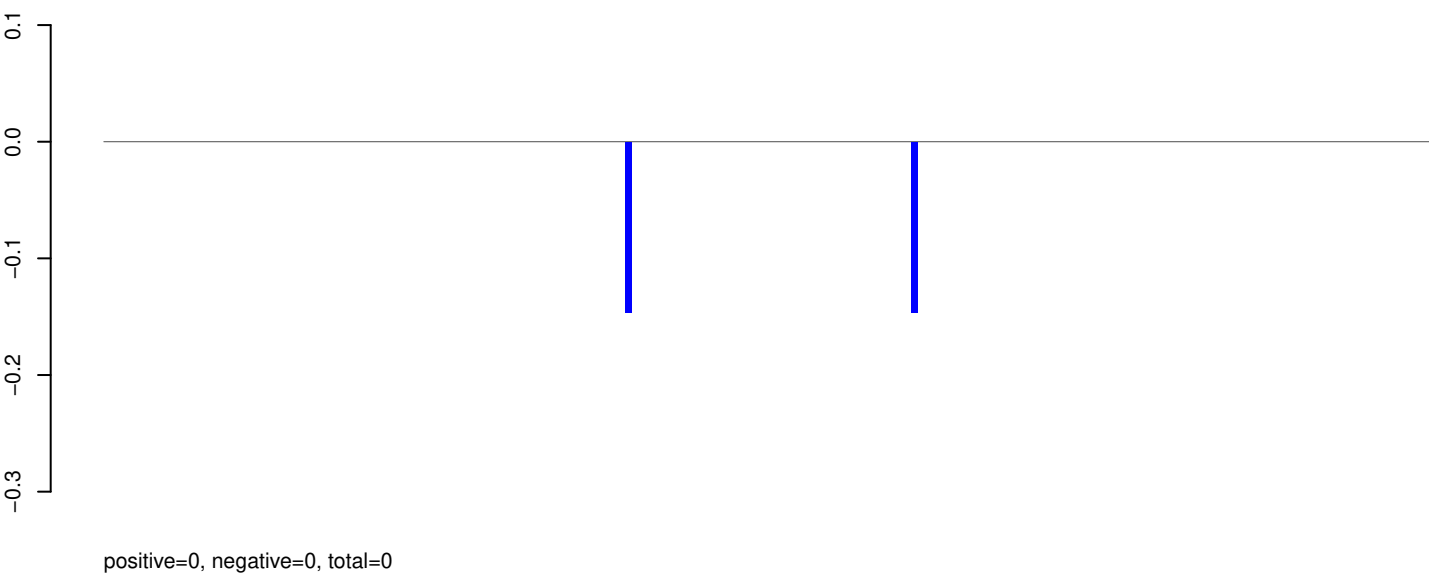
Window size=25, length=5260, TE@TF000693-Ty1\_copia\_Ele57:1-5260



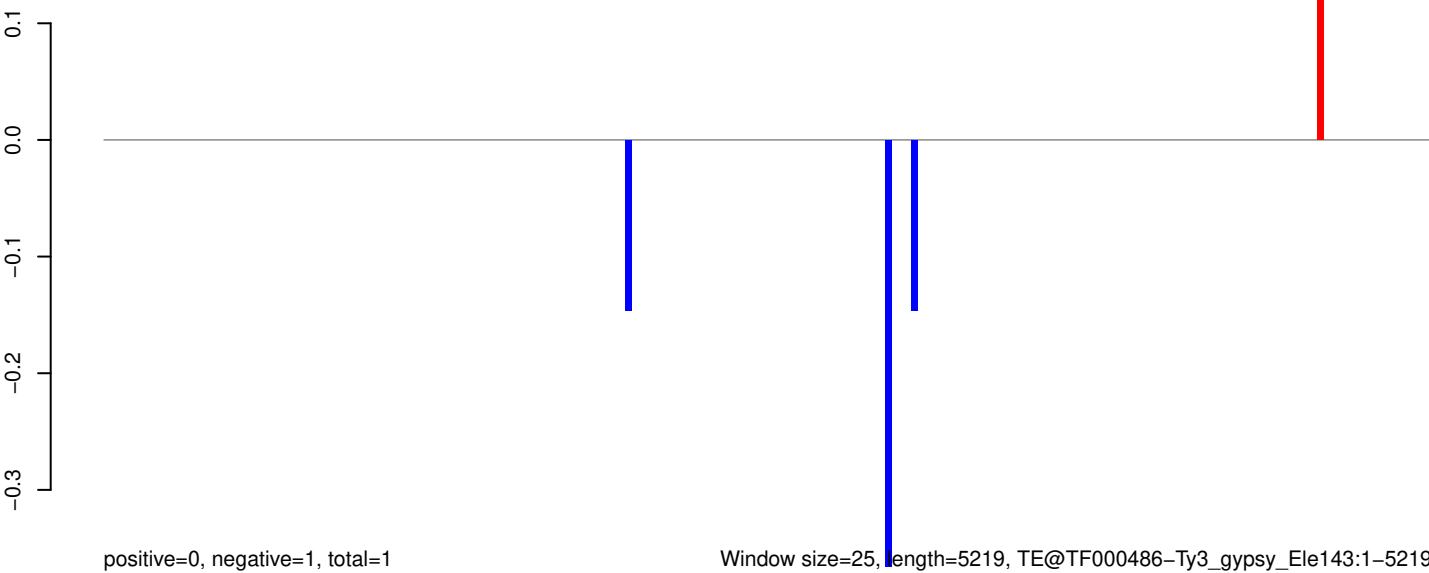
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



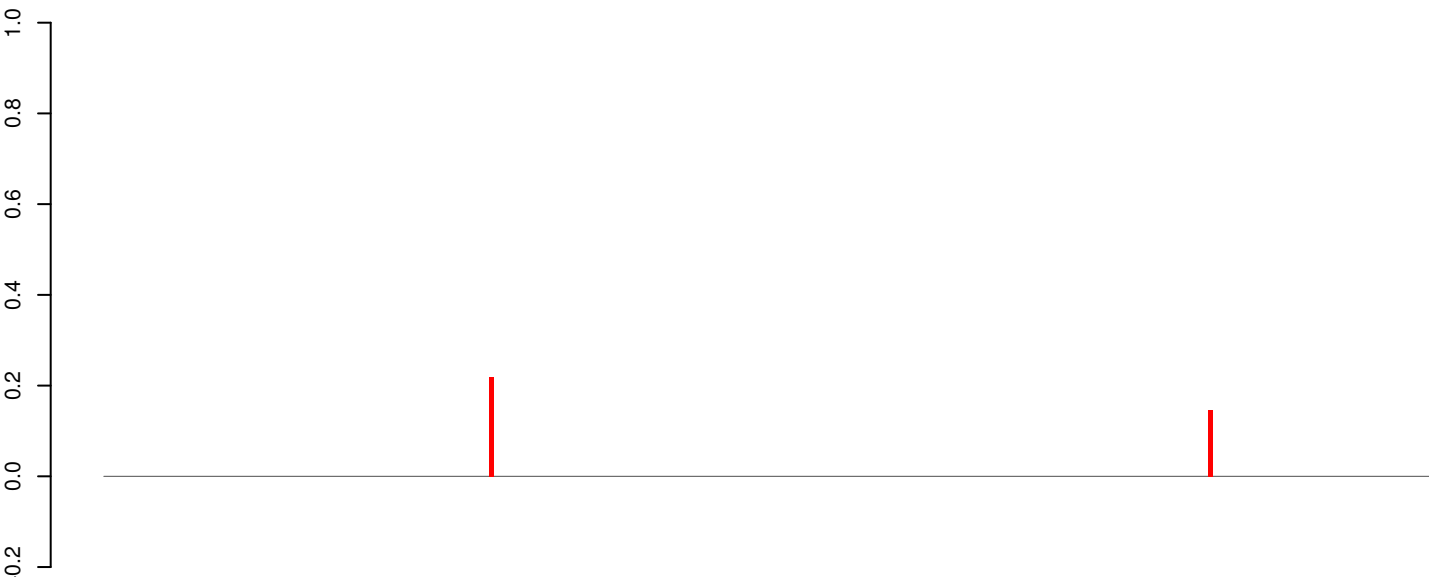
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

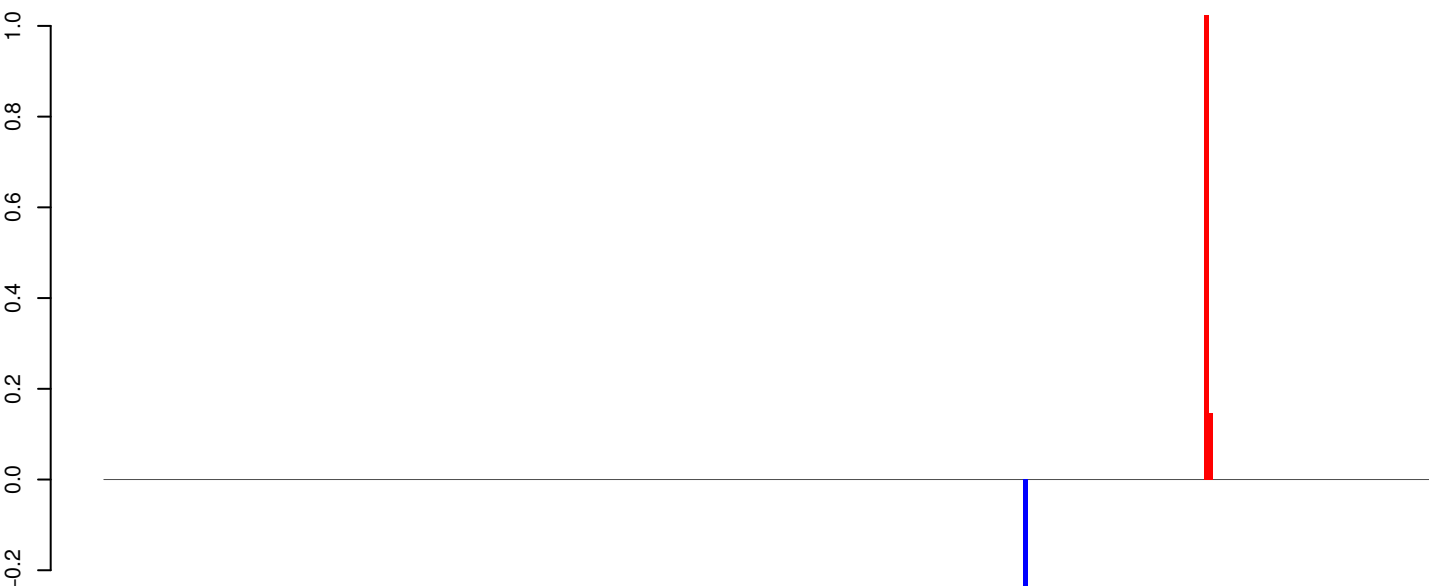


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



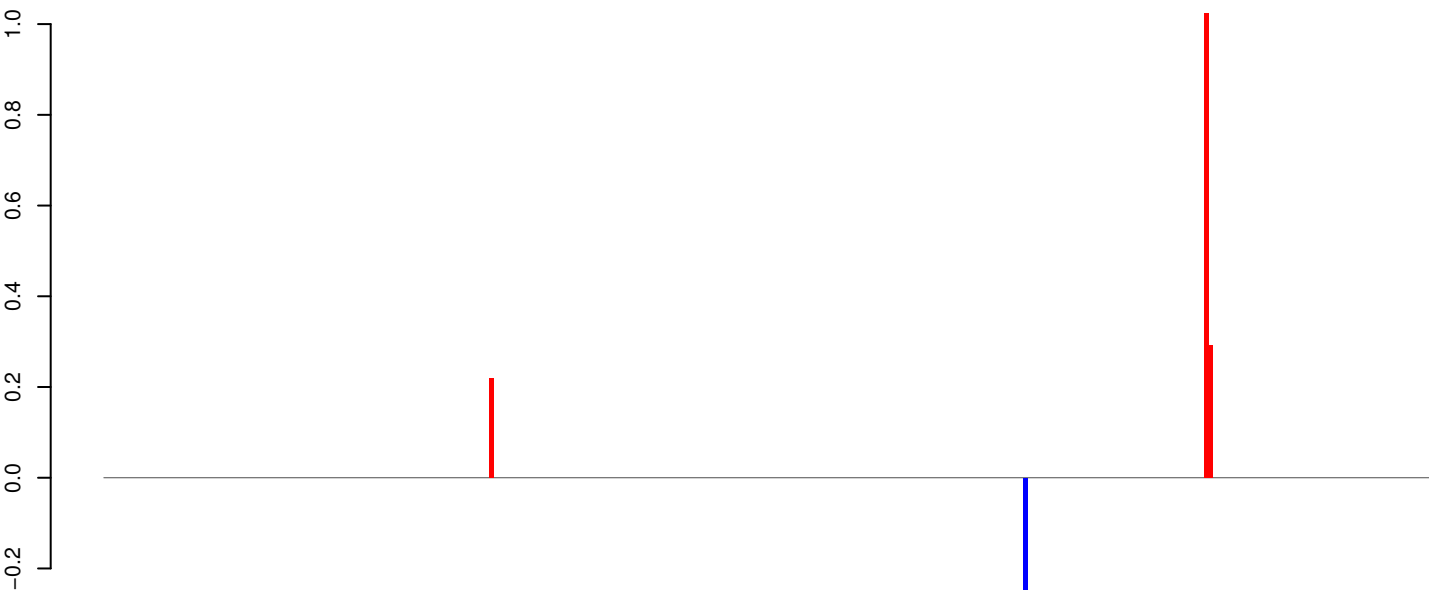
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

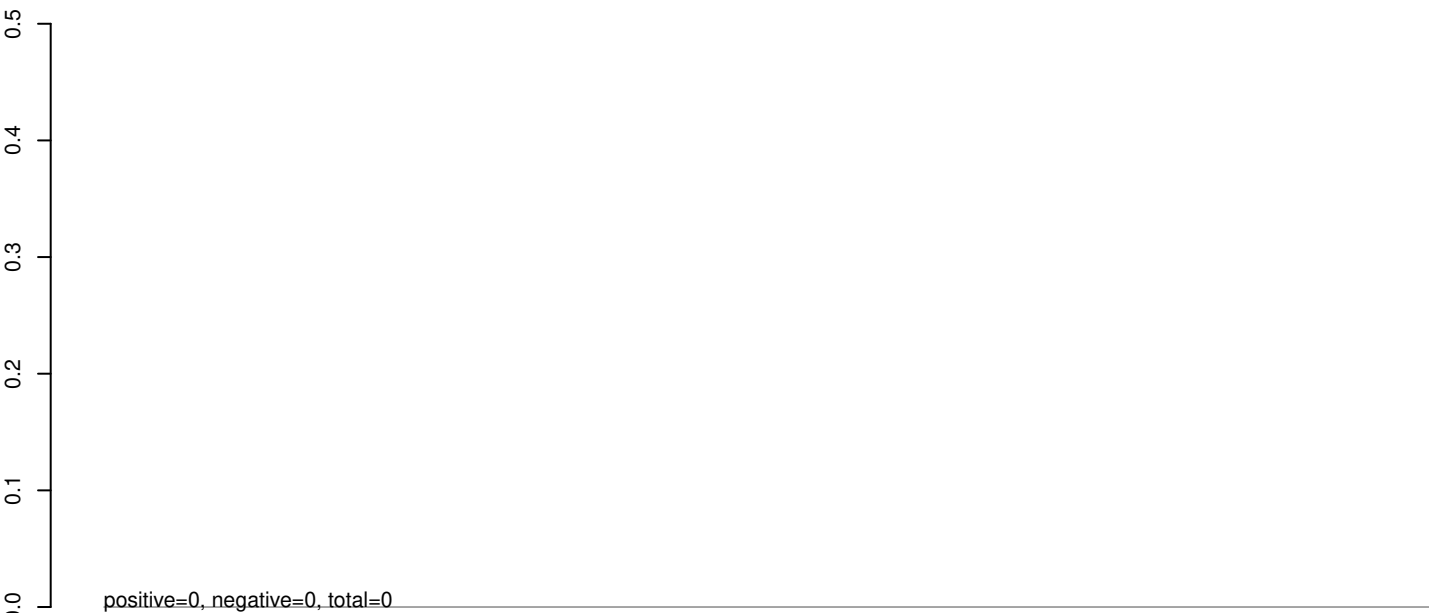


positive=2, negative=0, total=2

Window size=25, length=6973, TE@TF000409-Pao\_Bel\_Ele68:1-6973

0 1000 2000 3000 4000 5000 6000 7000

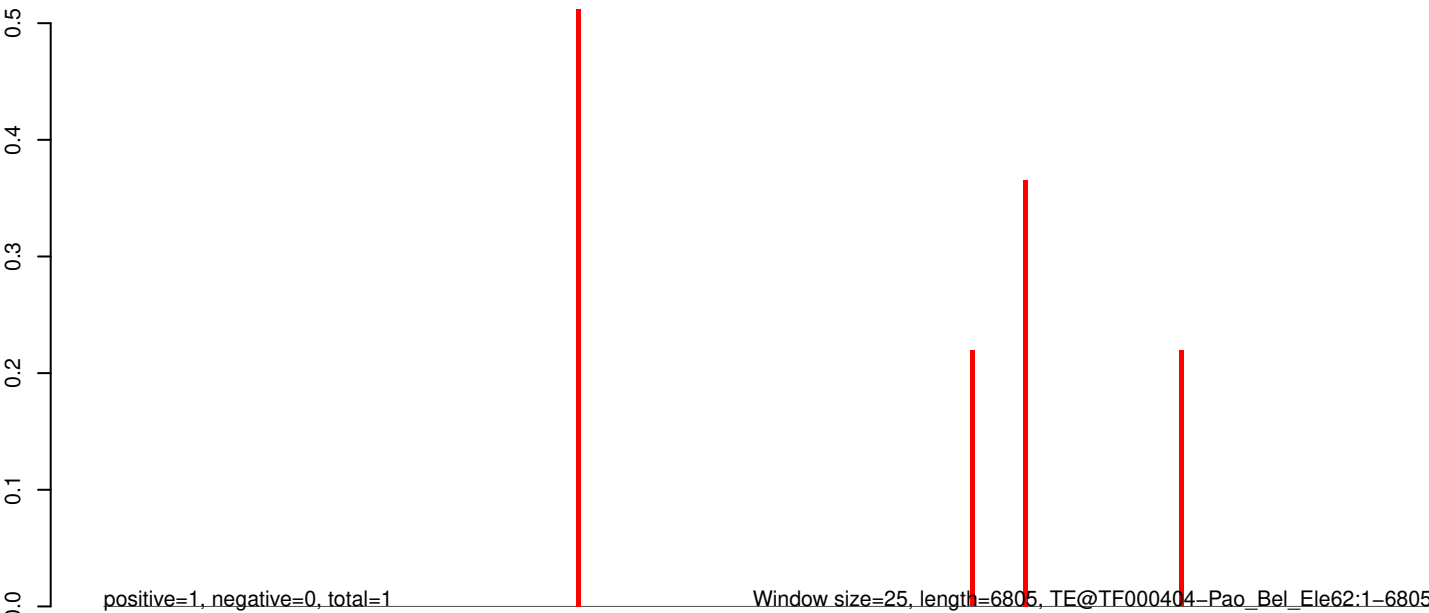
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



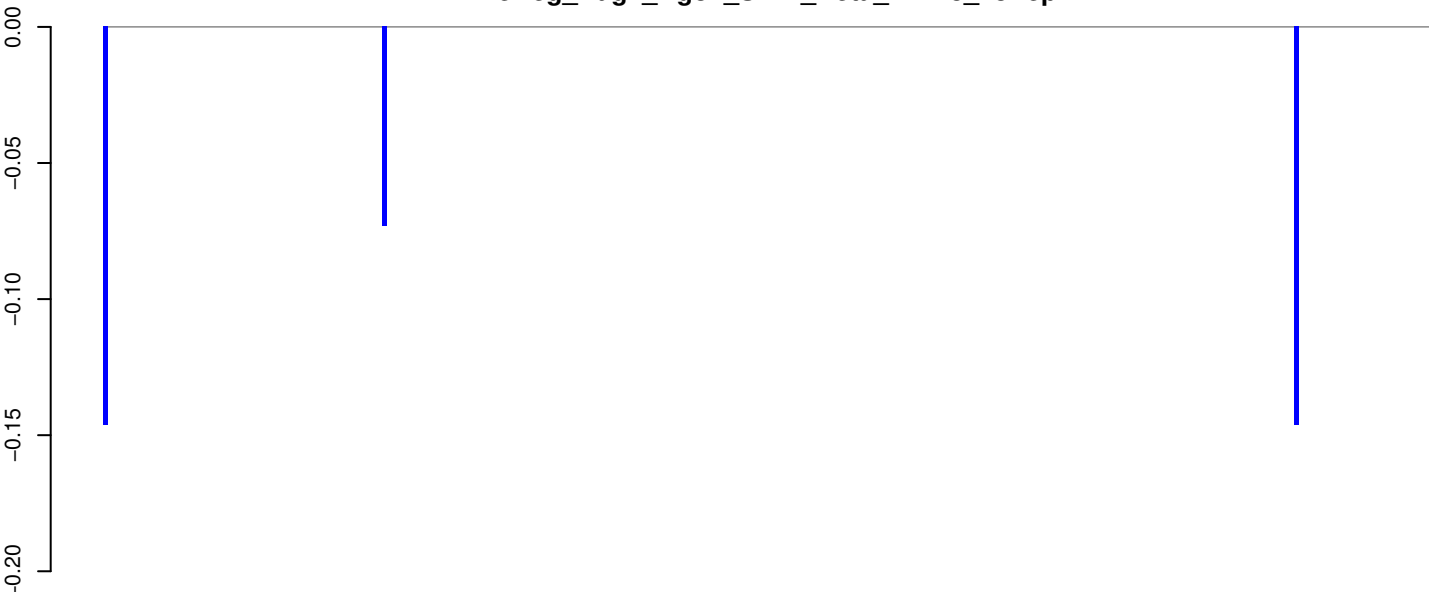
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

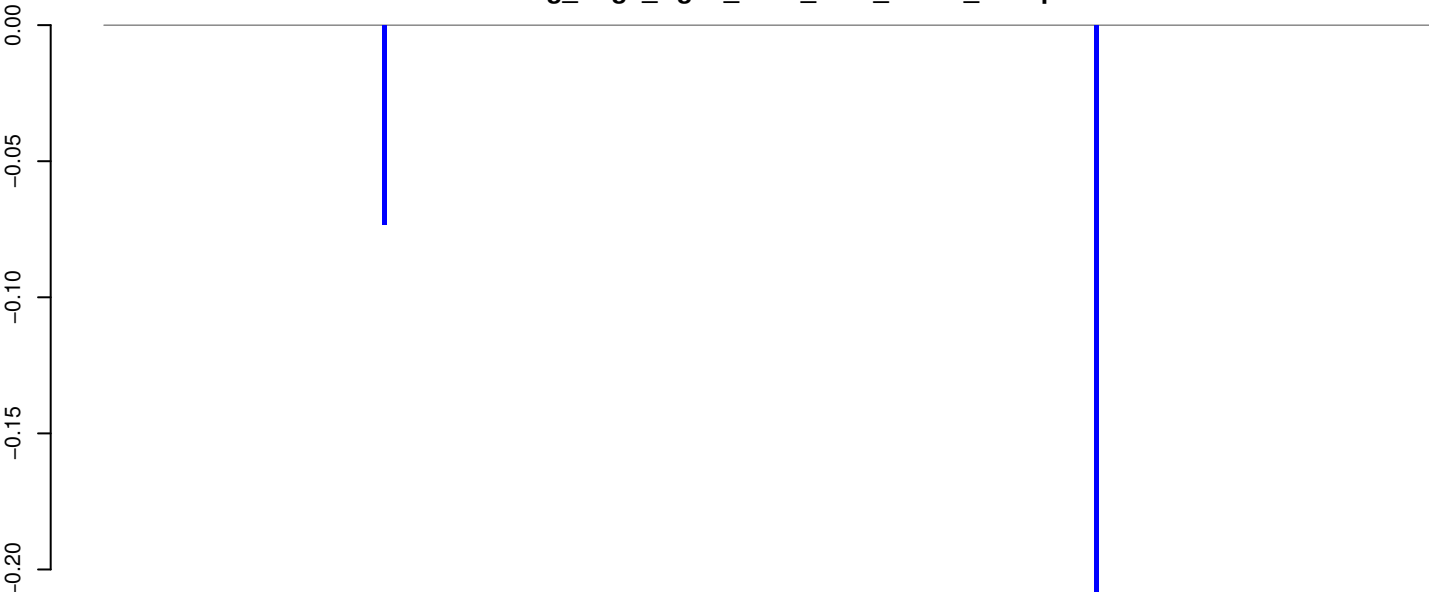


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



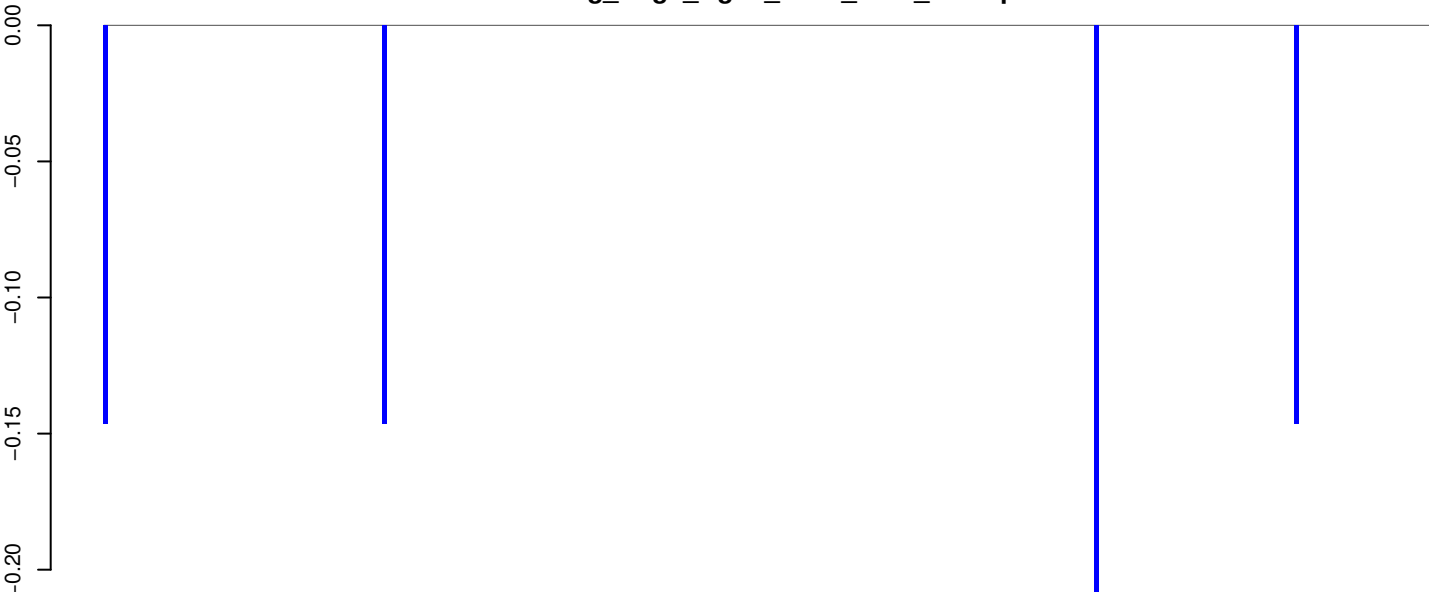
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

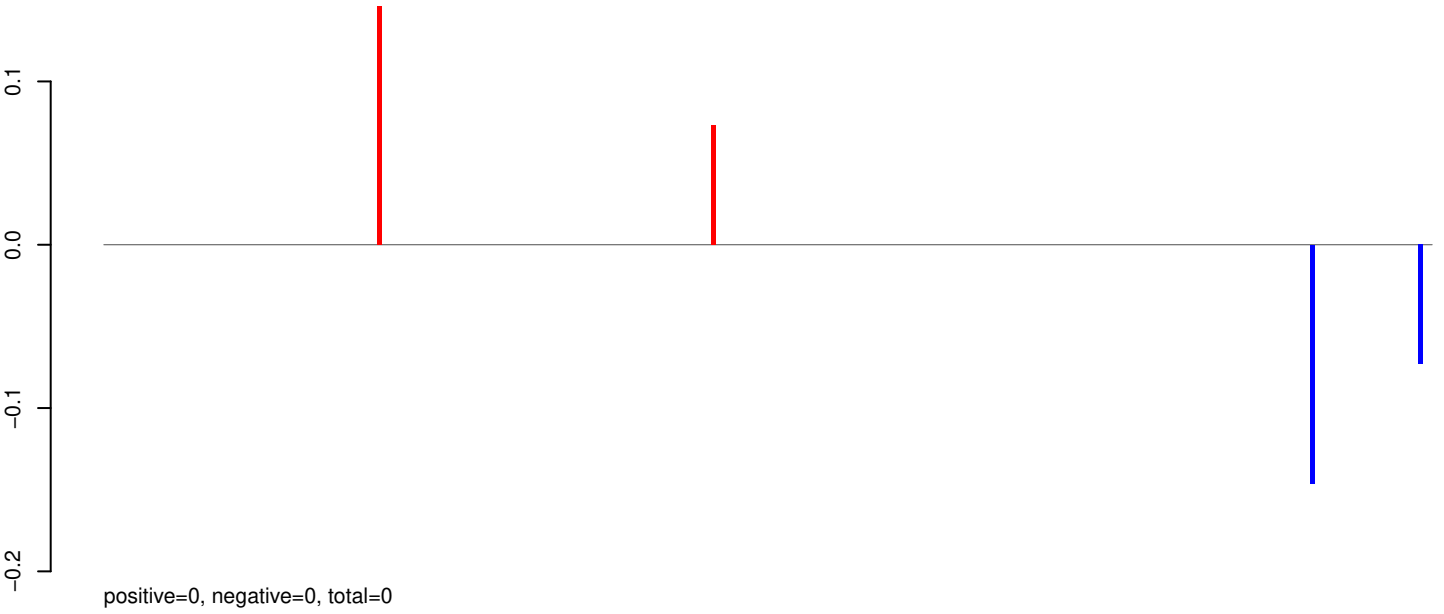


positive=0, negative=1, total=1

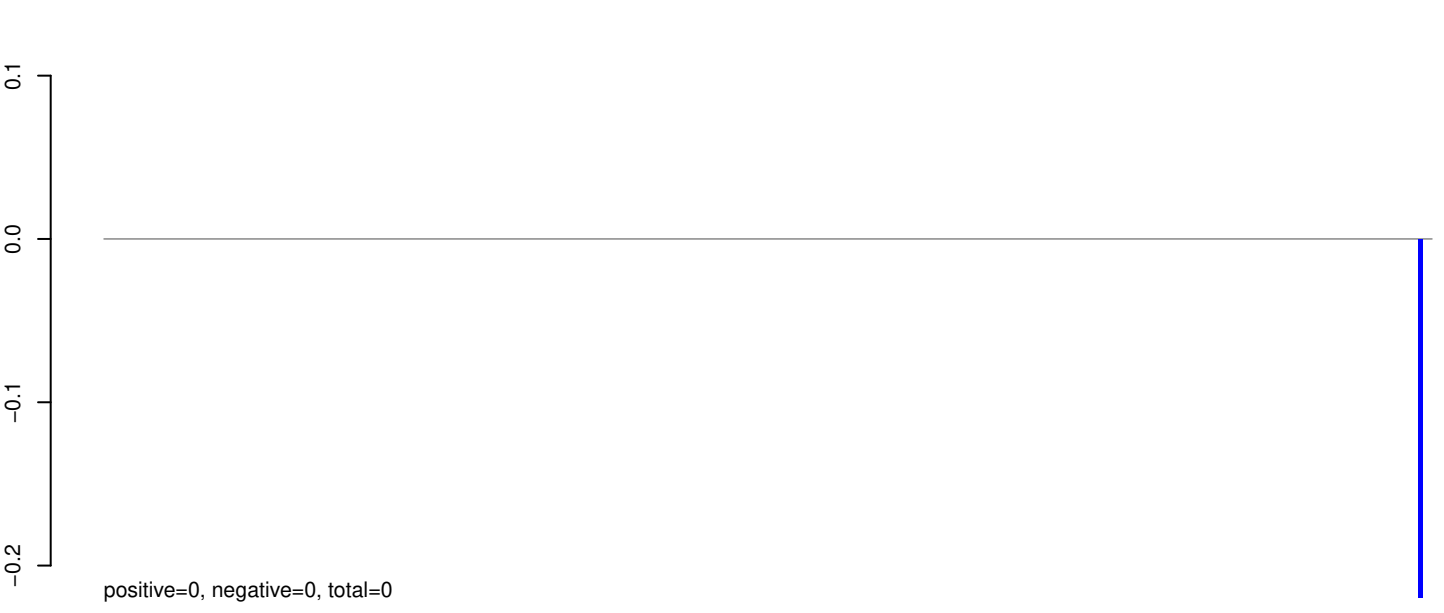
Window size=25, length=7968, TE@TF000280-Pao\_Bel\_Ele117:1-7968

0 2000 4000 6000 8000

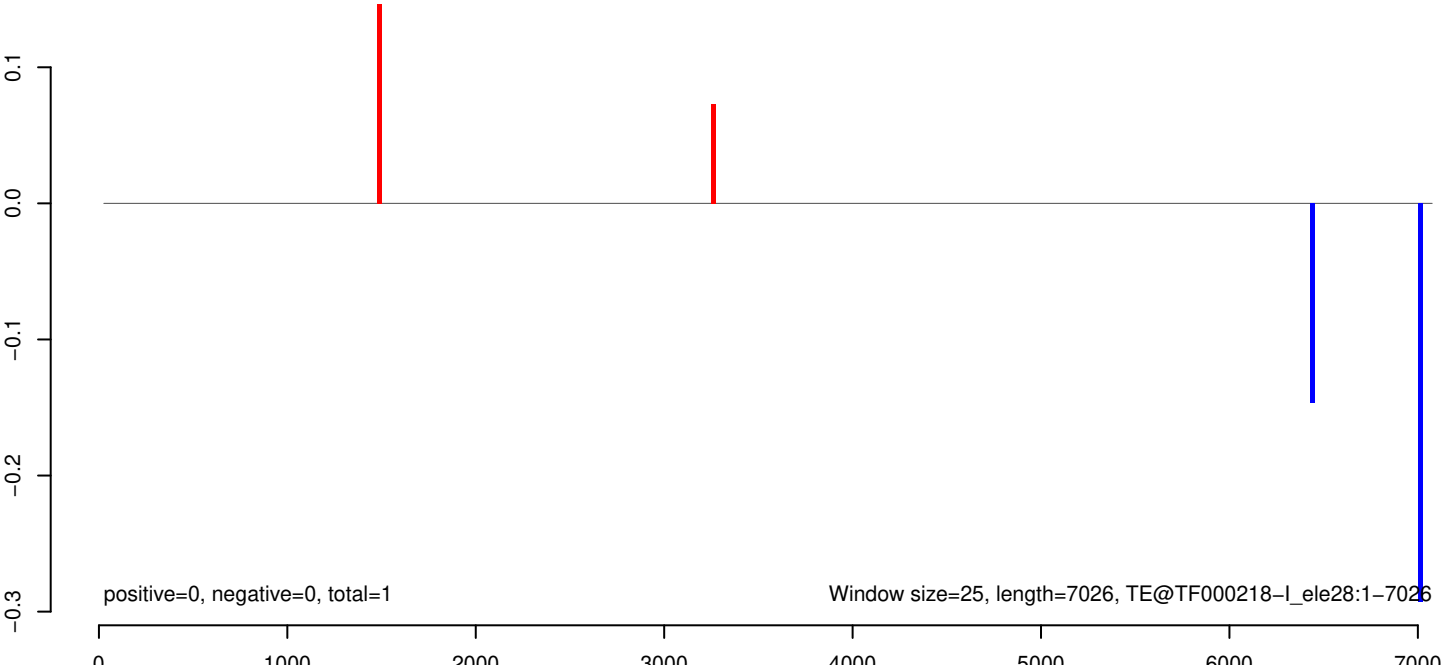
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



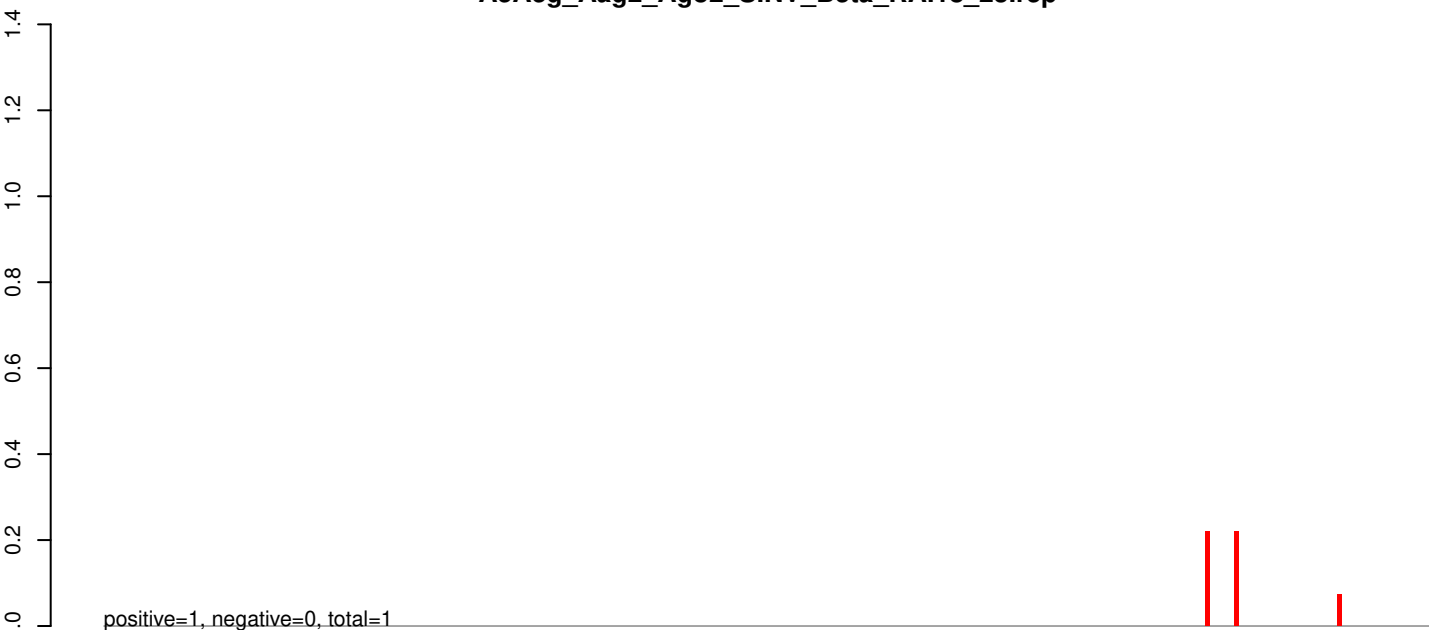
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



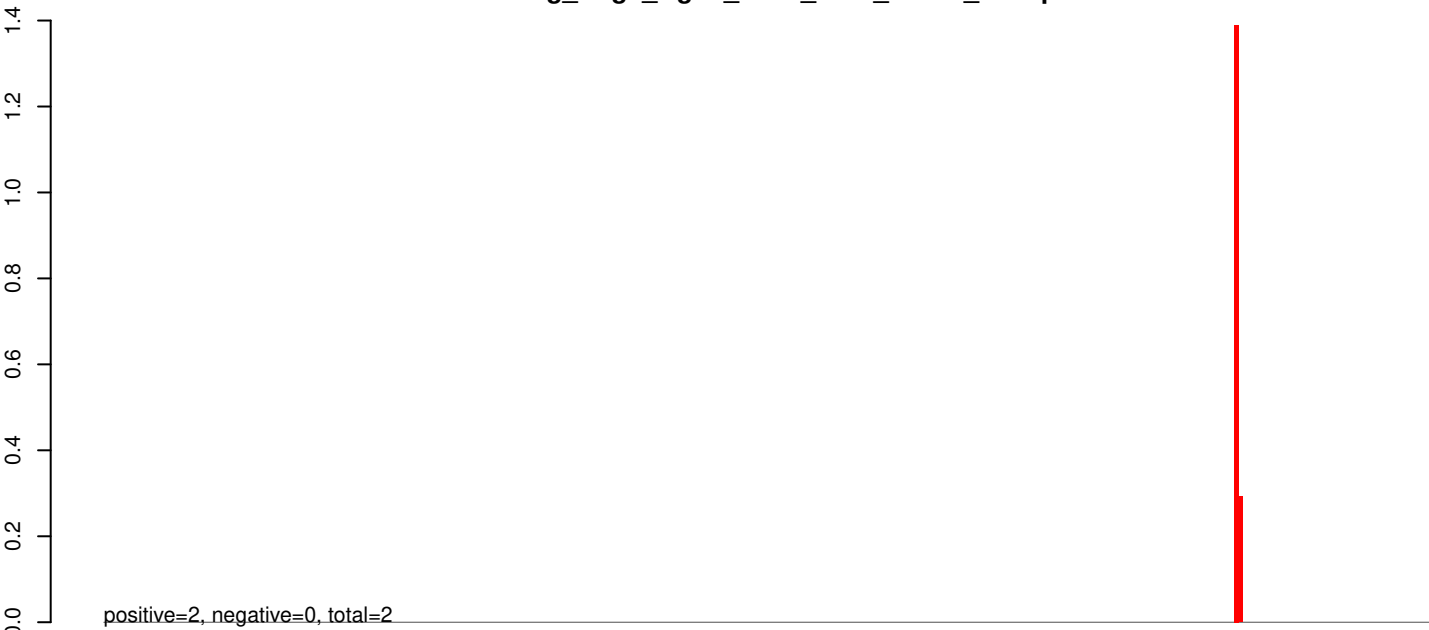
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



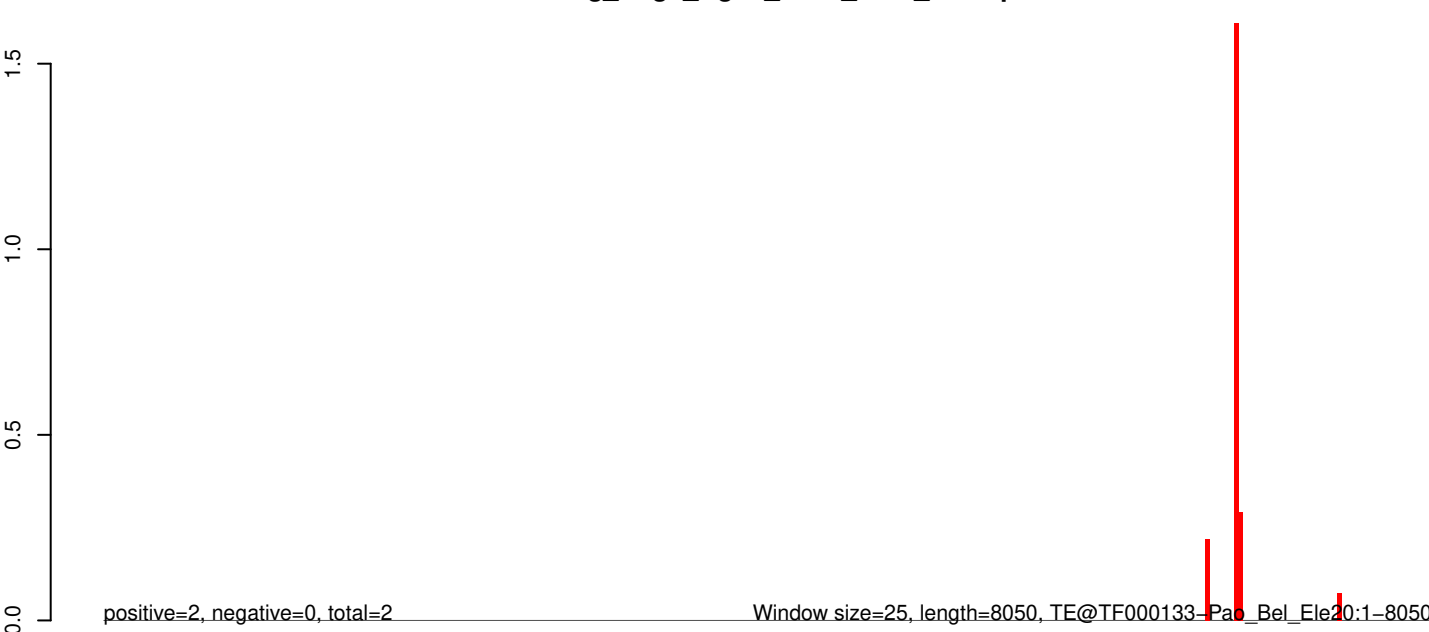
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

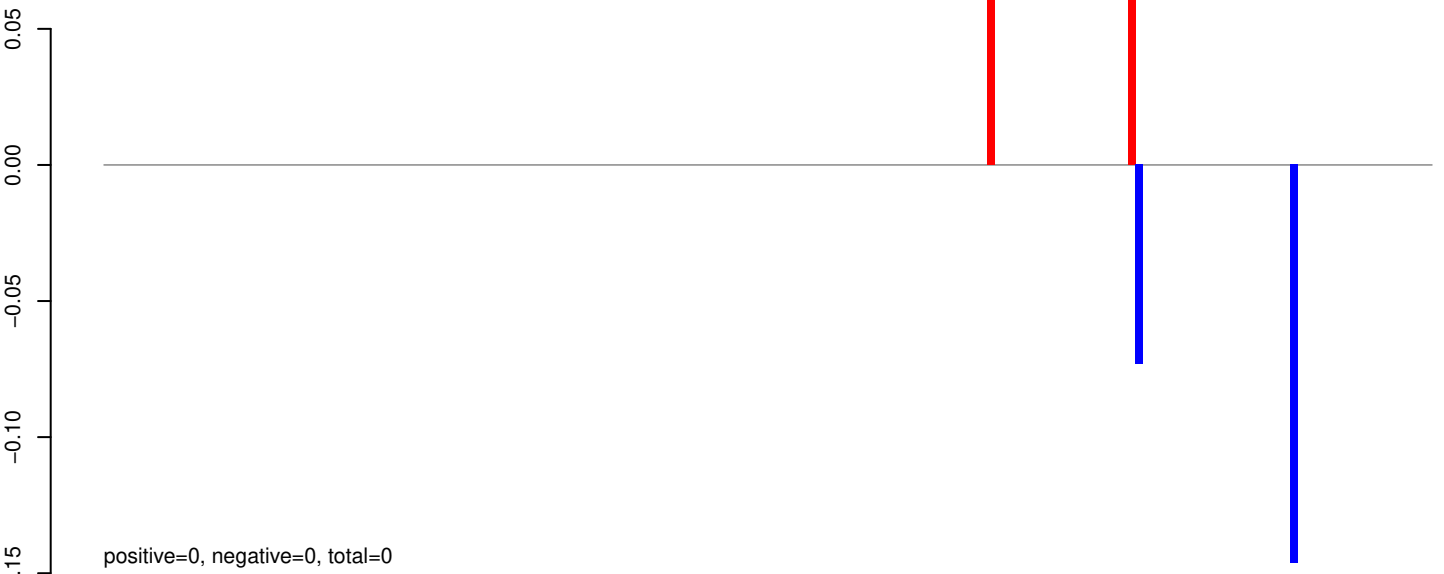


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

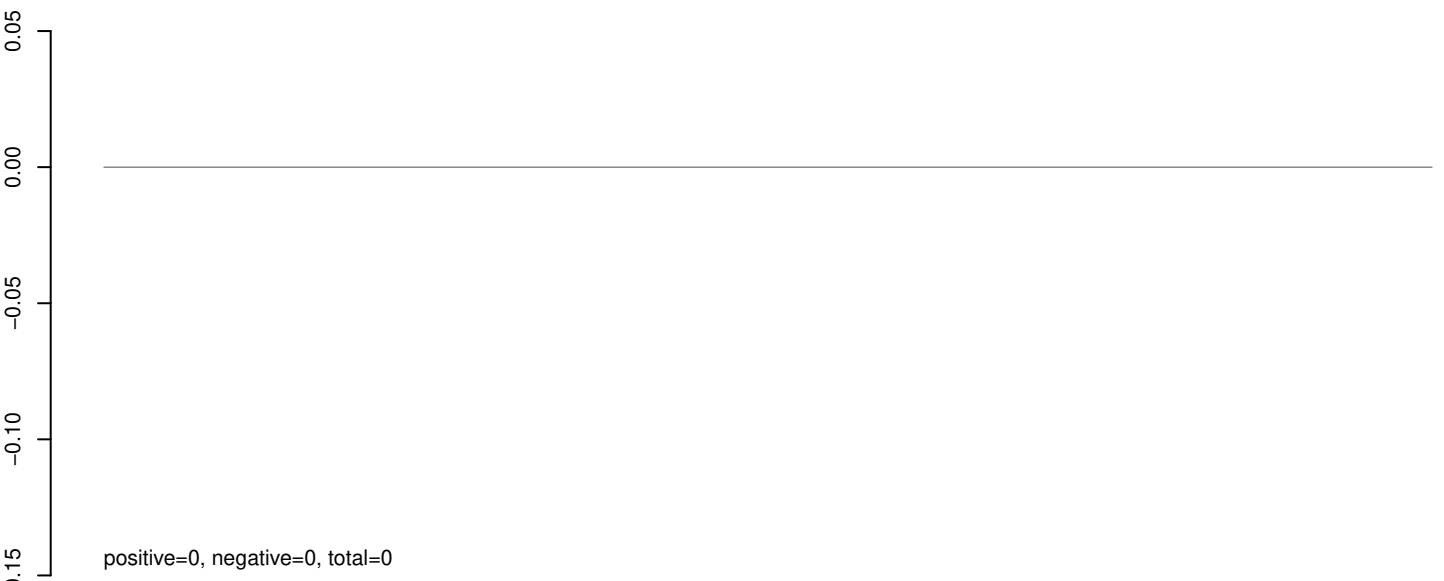




**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



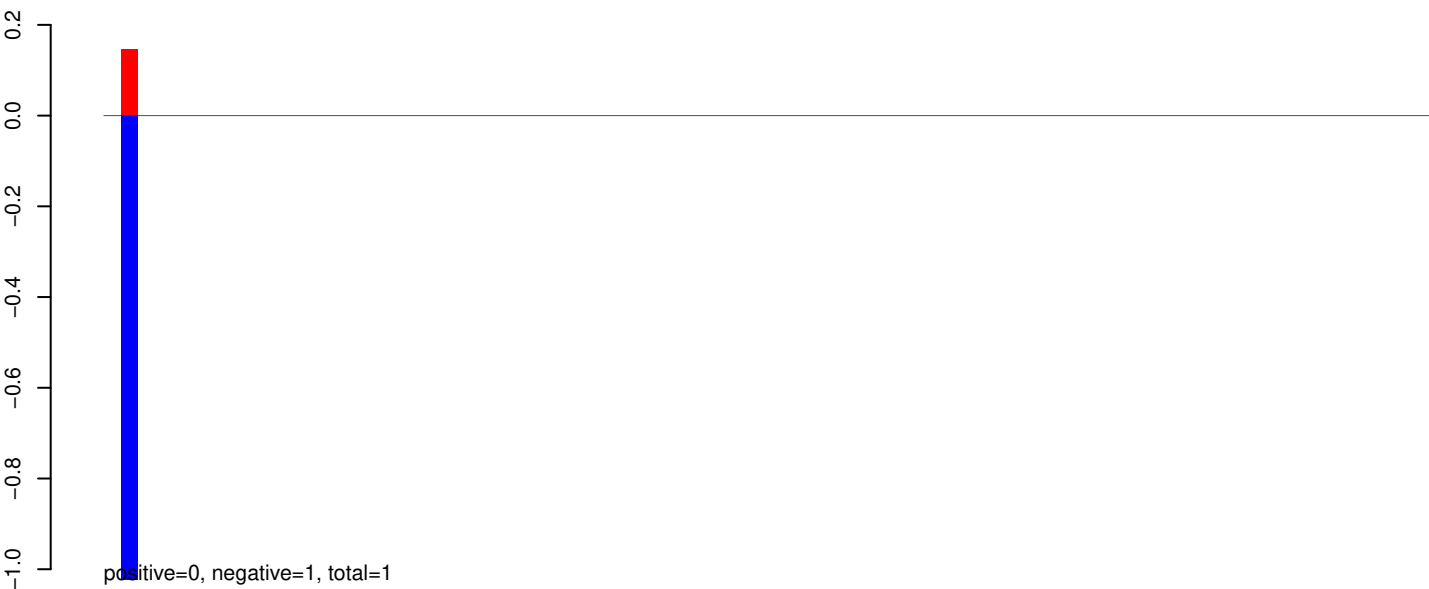
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



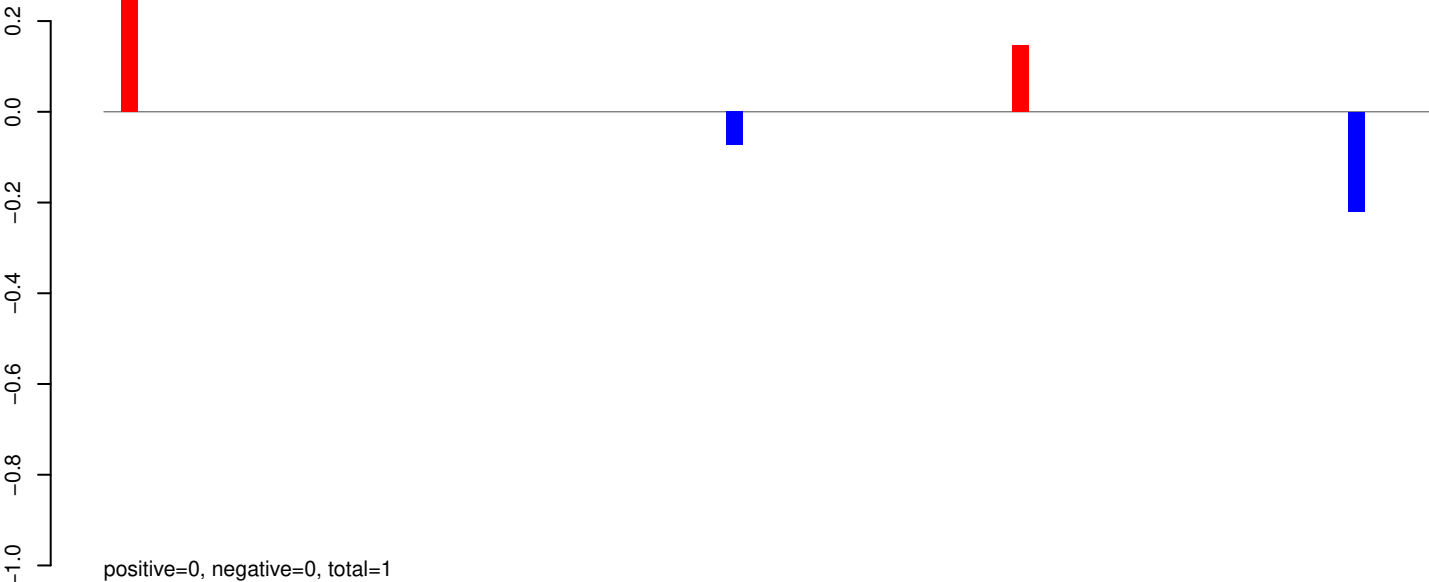
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



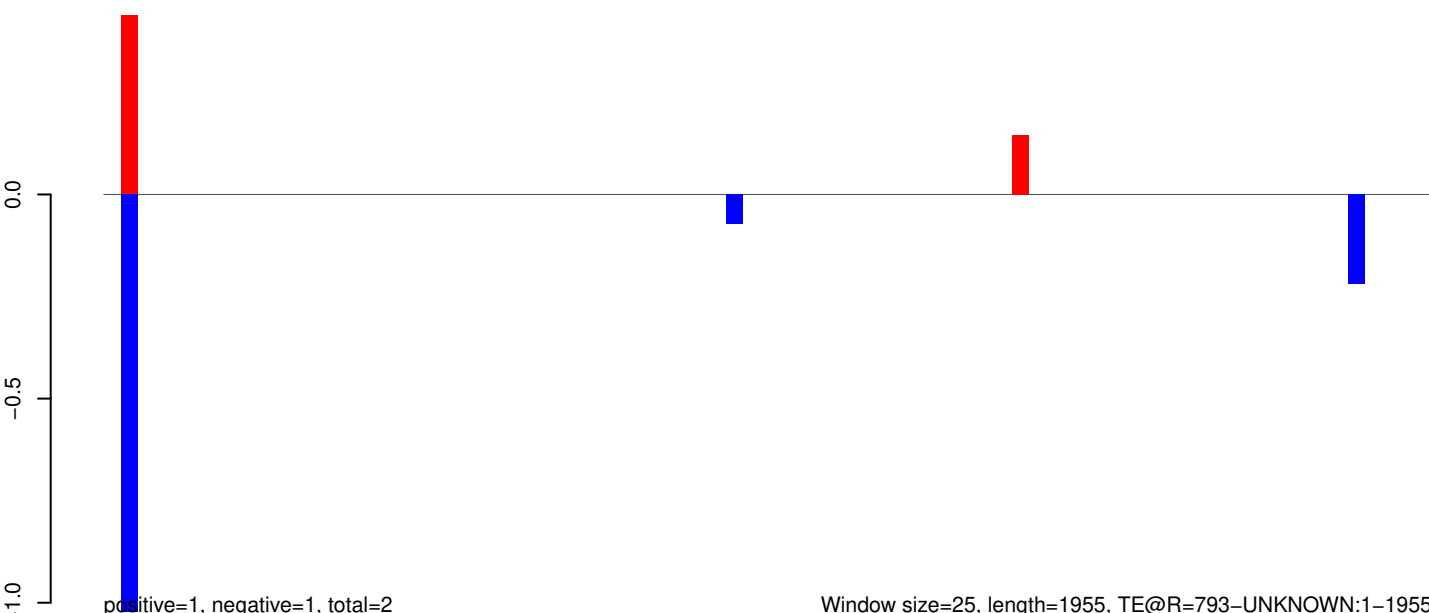
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

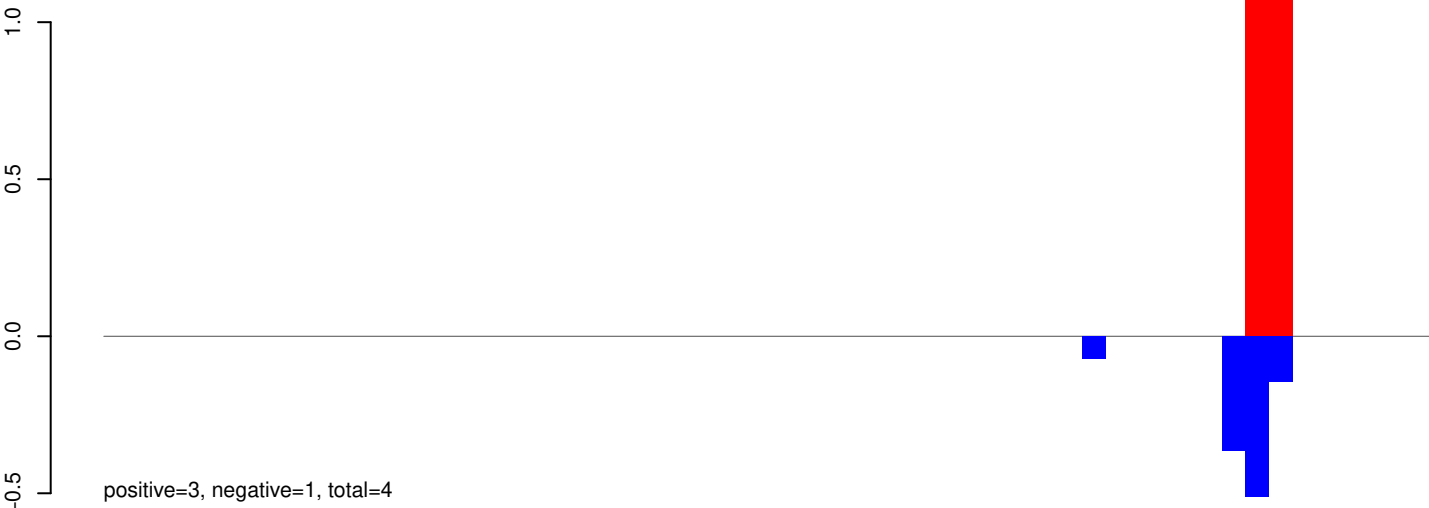


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

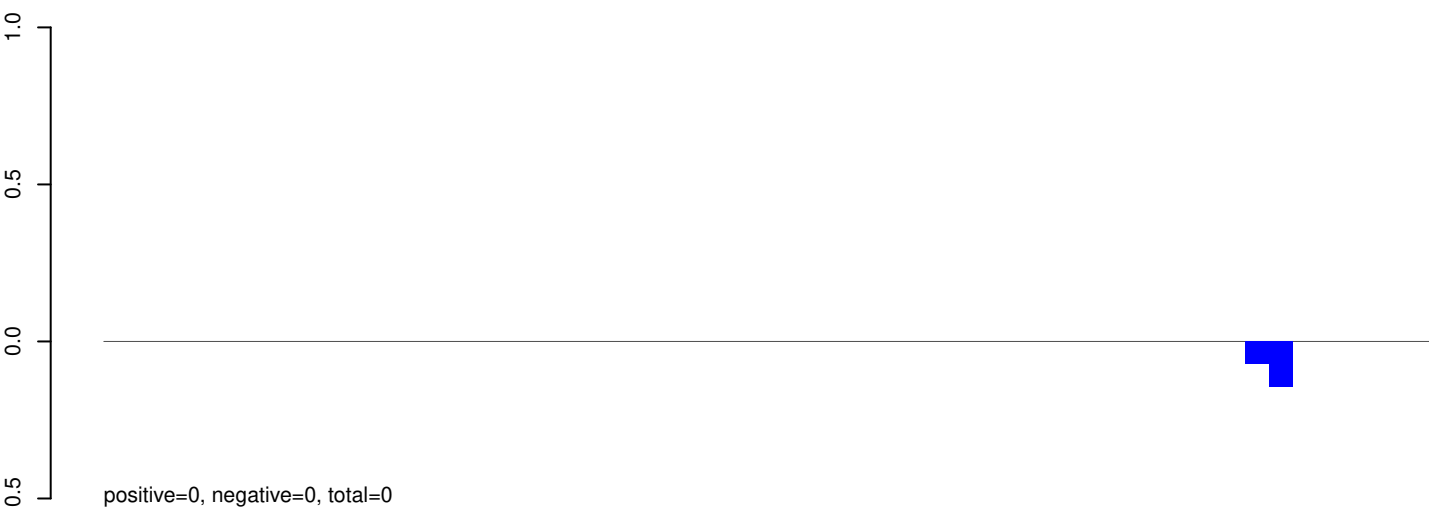


Window size=25, length=1955, TE@R=793-UNKNOWN:1-1955

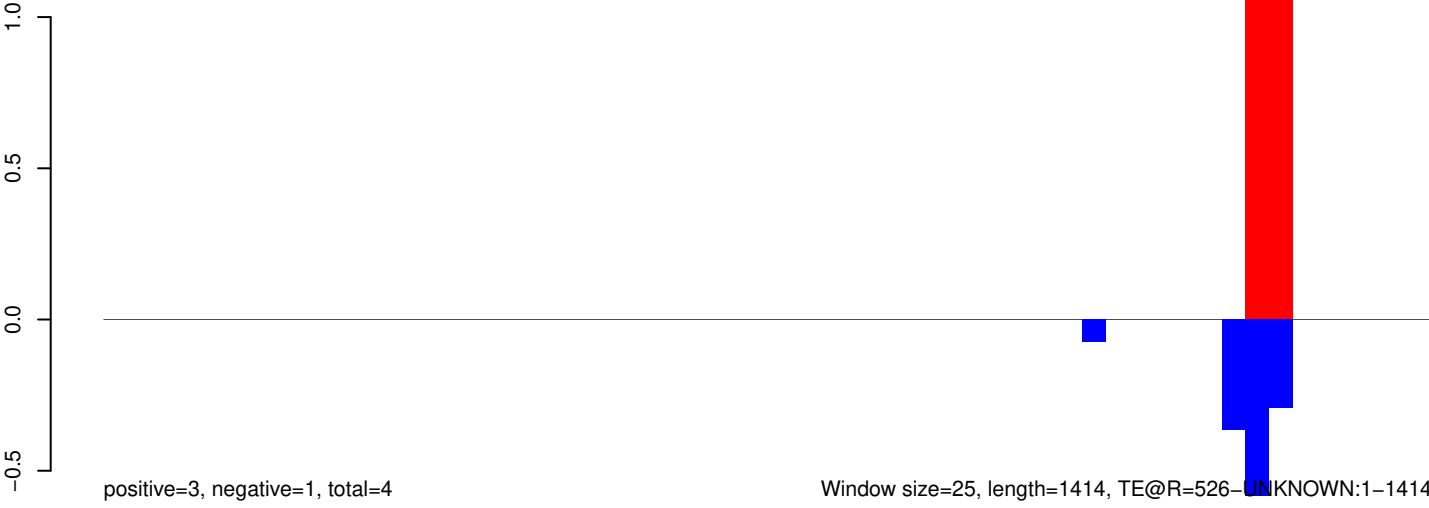
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



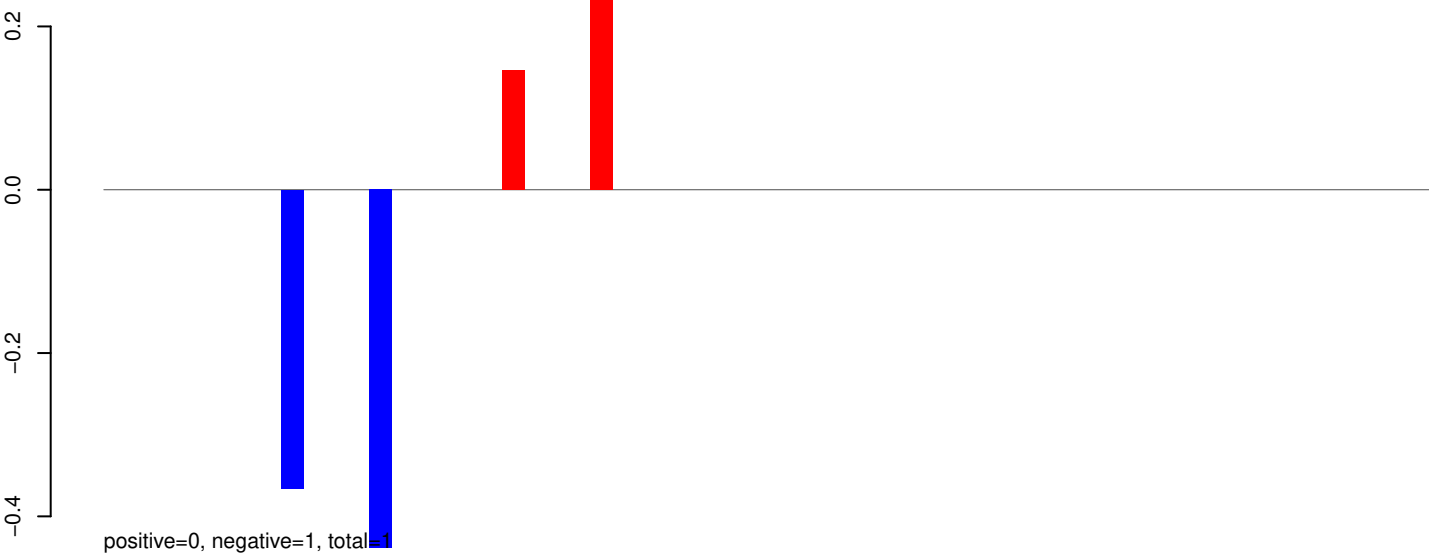
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



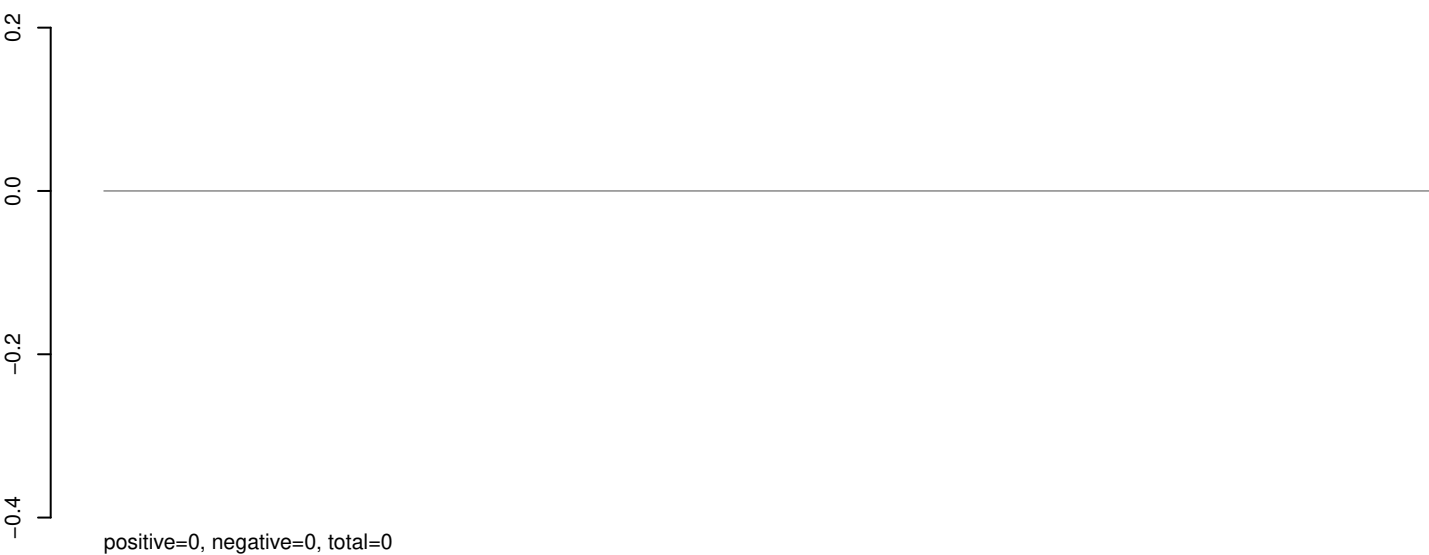
Window size=25, length=1414, TE@R=526-UNKNOWN:1-1414

0 200 400 600 800 1000 1200 1400

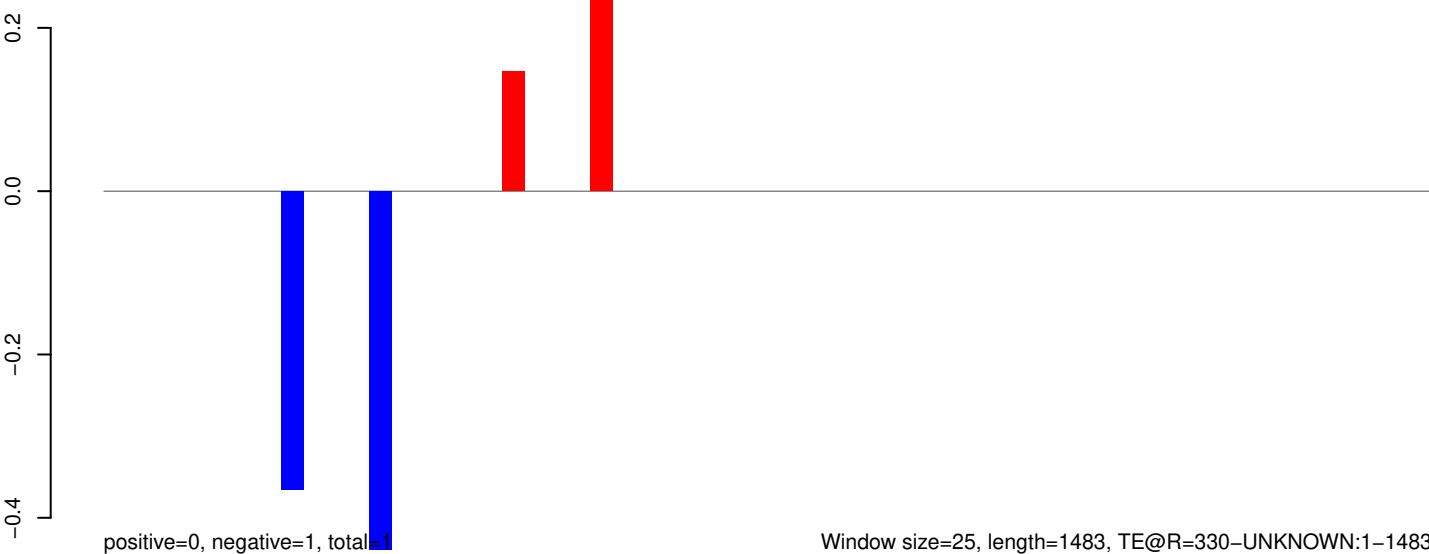
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



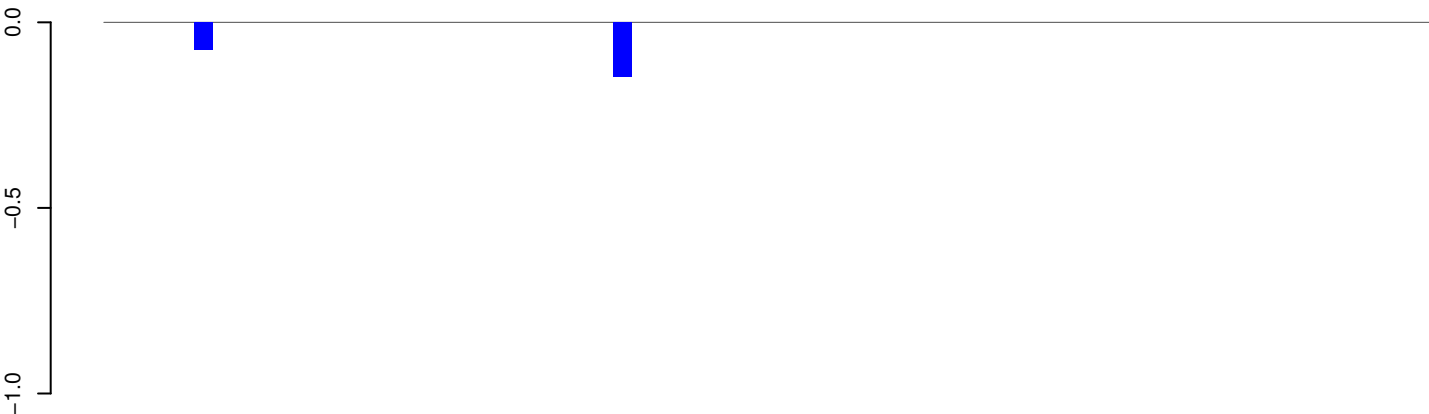
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

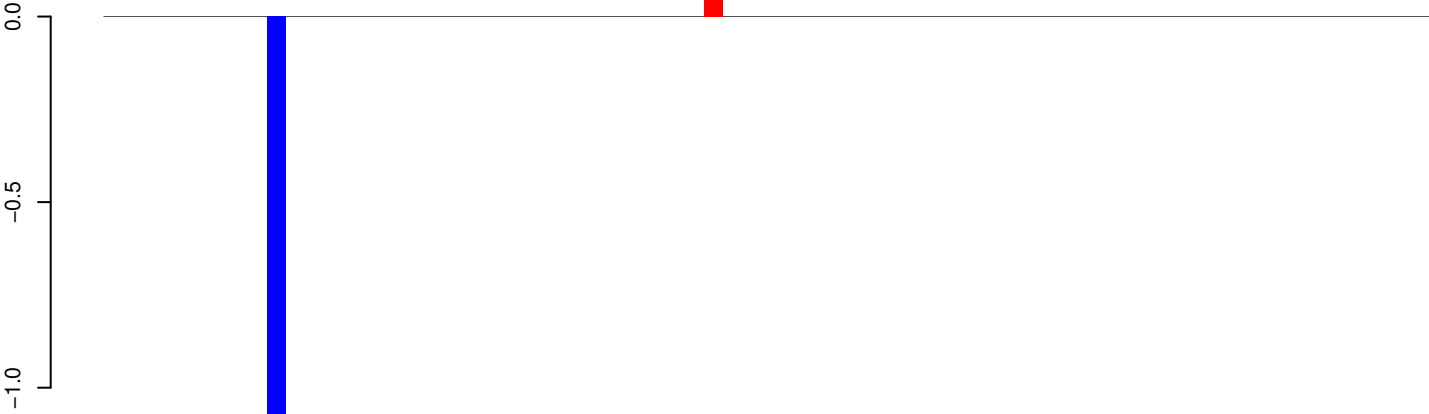


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



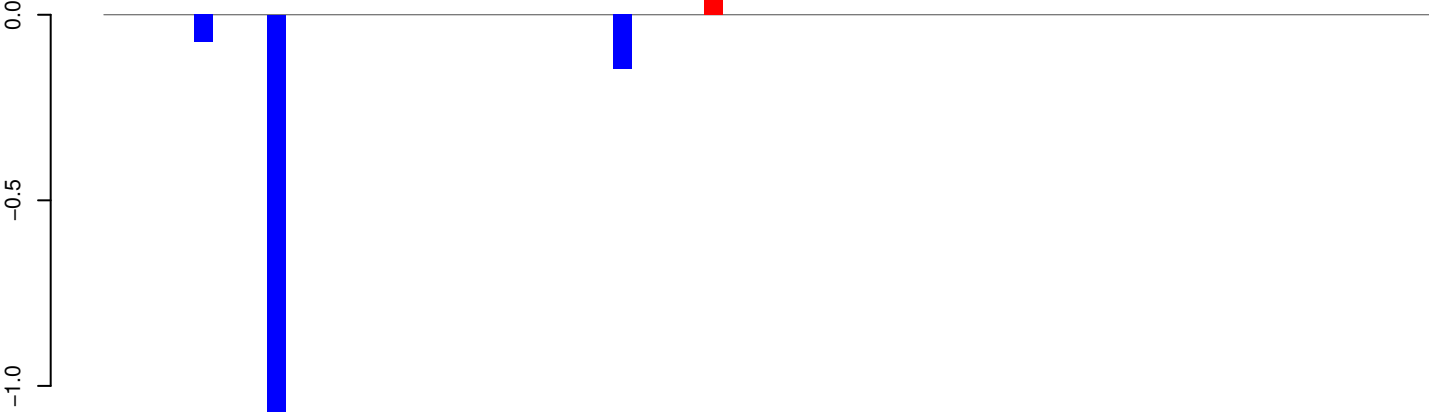
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=2

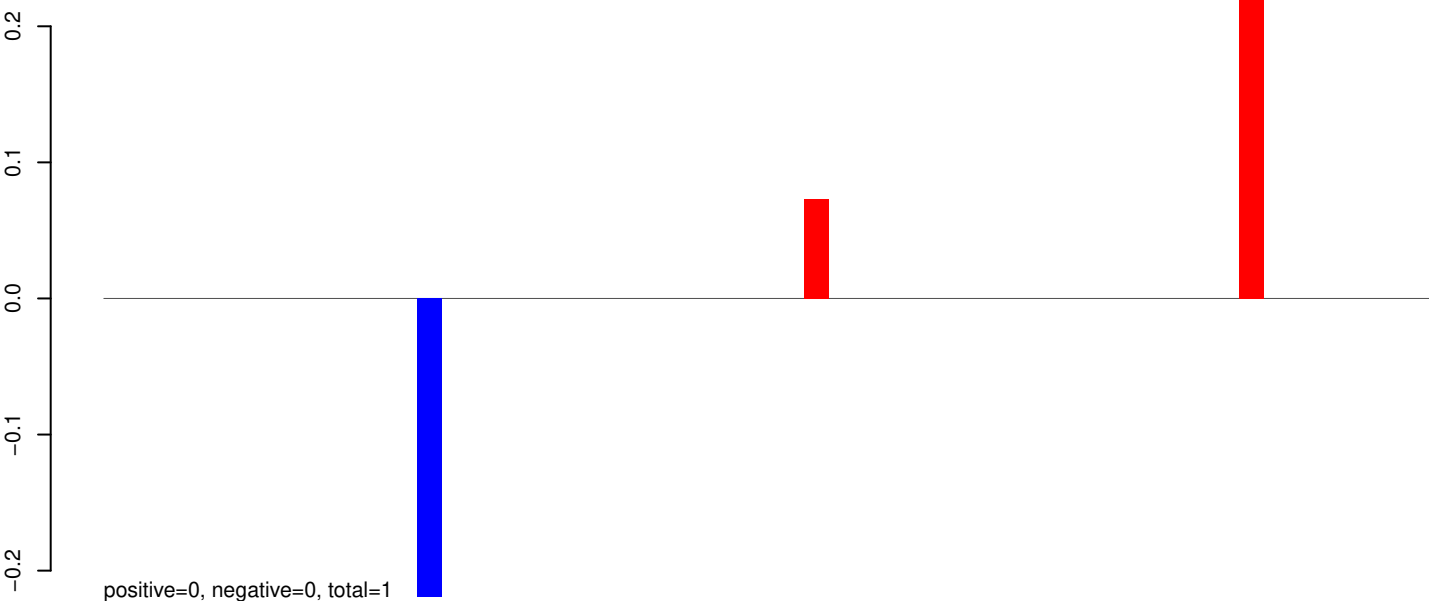
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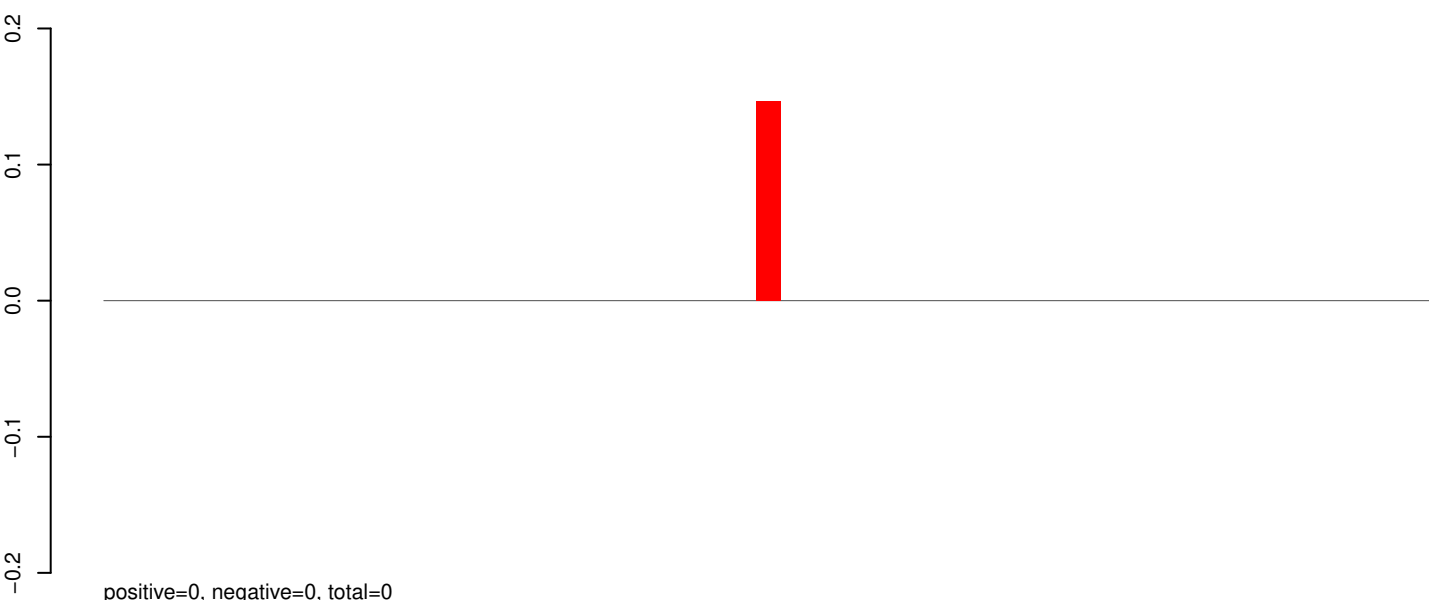
positive=0, negative=2, total=2

Window size=25, length=1816, TE@R=1766-UNKNOWN:1-1816

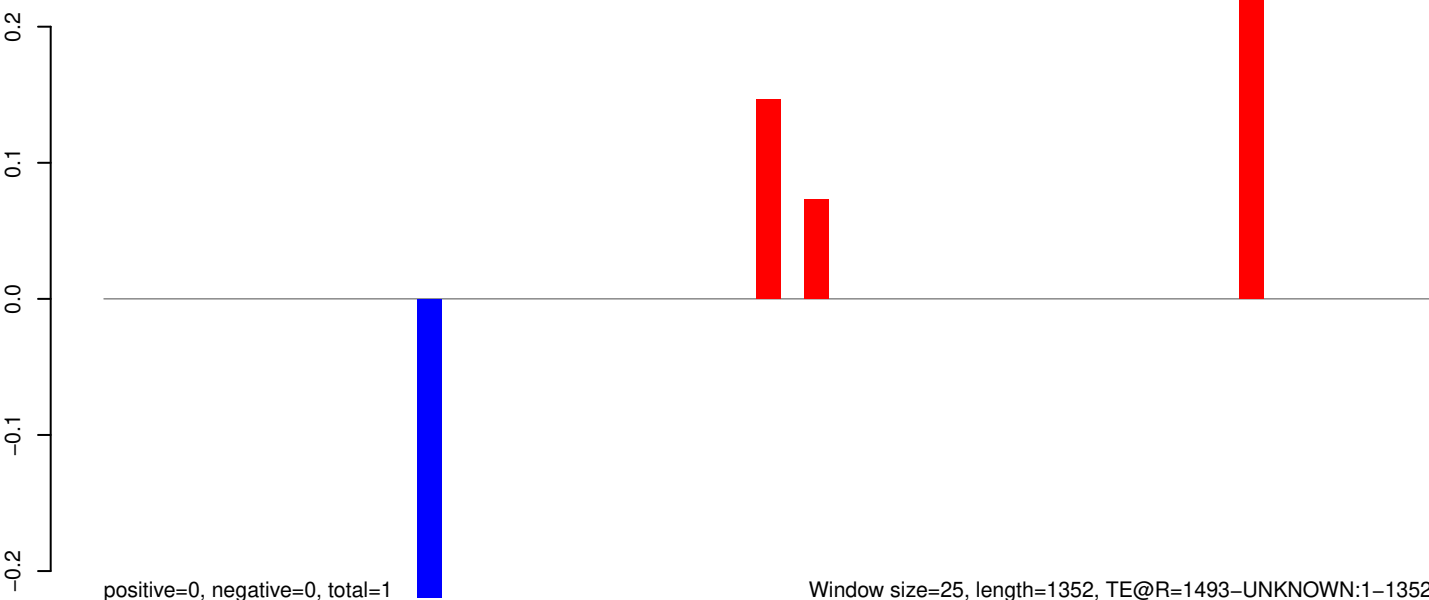
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



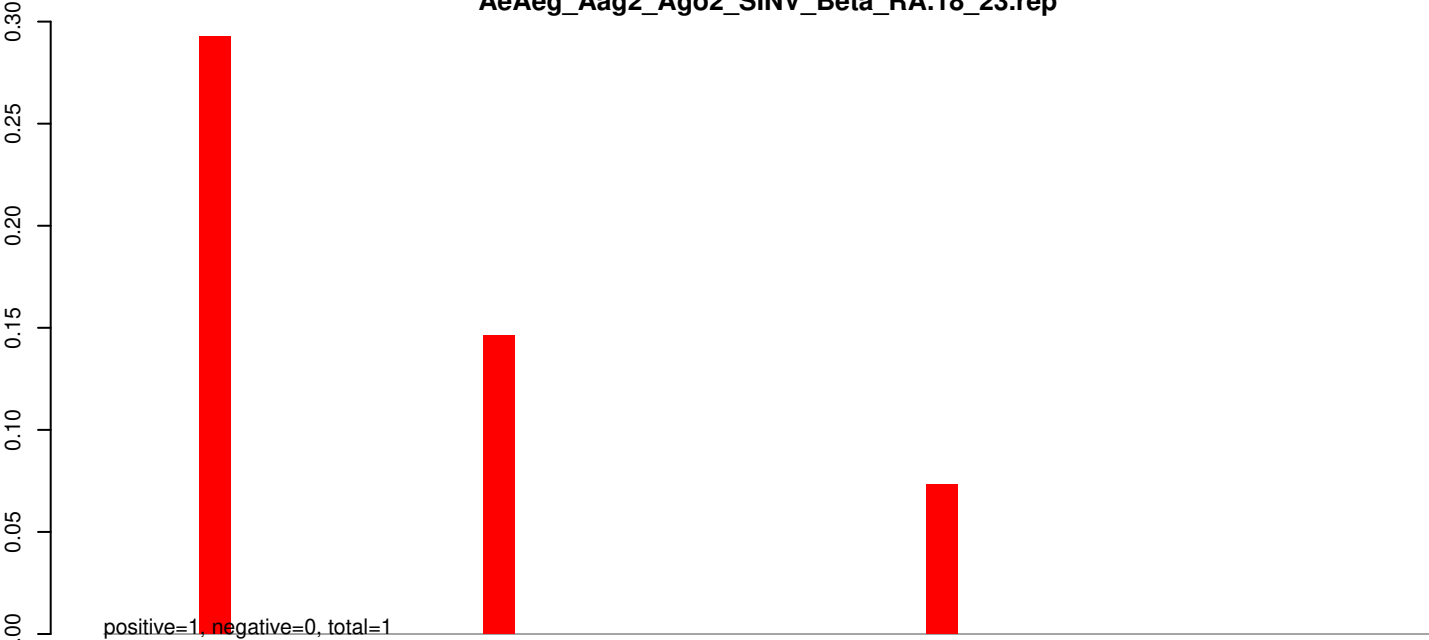
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



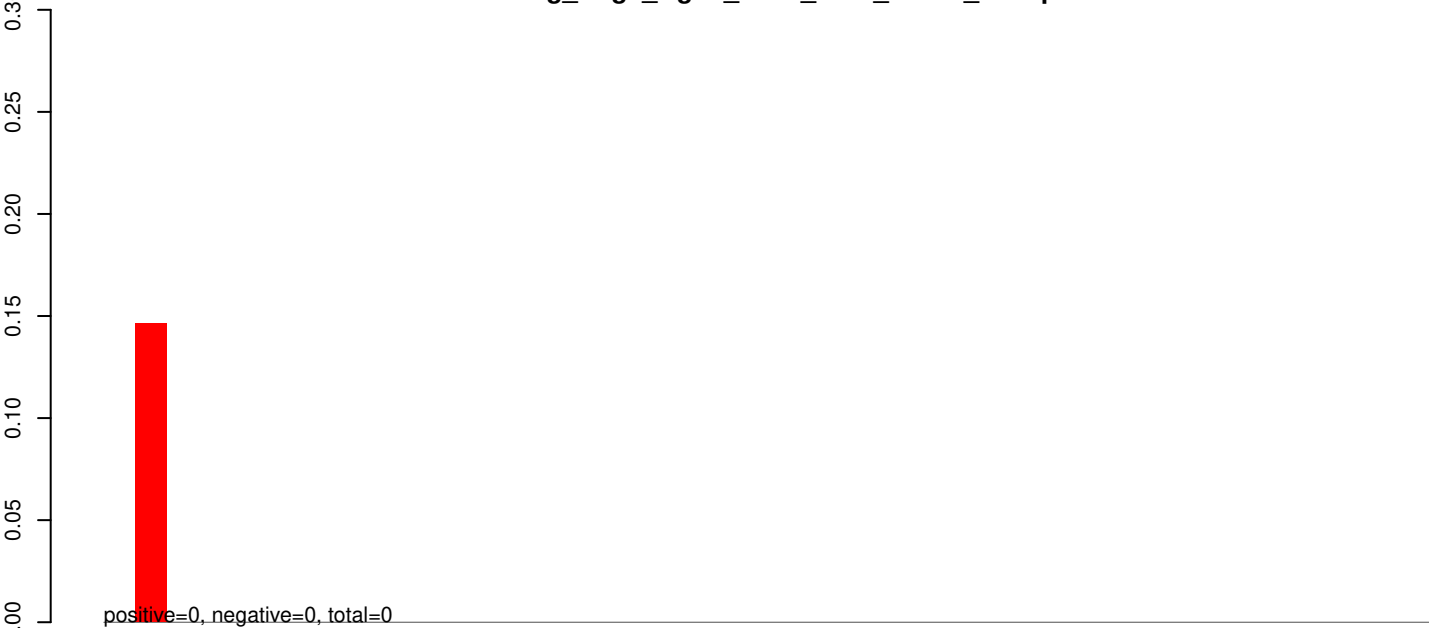
Window size=25, length=1352, TE@R=1493-UNKNOWN:1-1352

0 200 400 600 800 1000 1200 1400

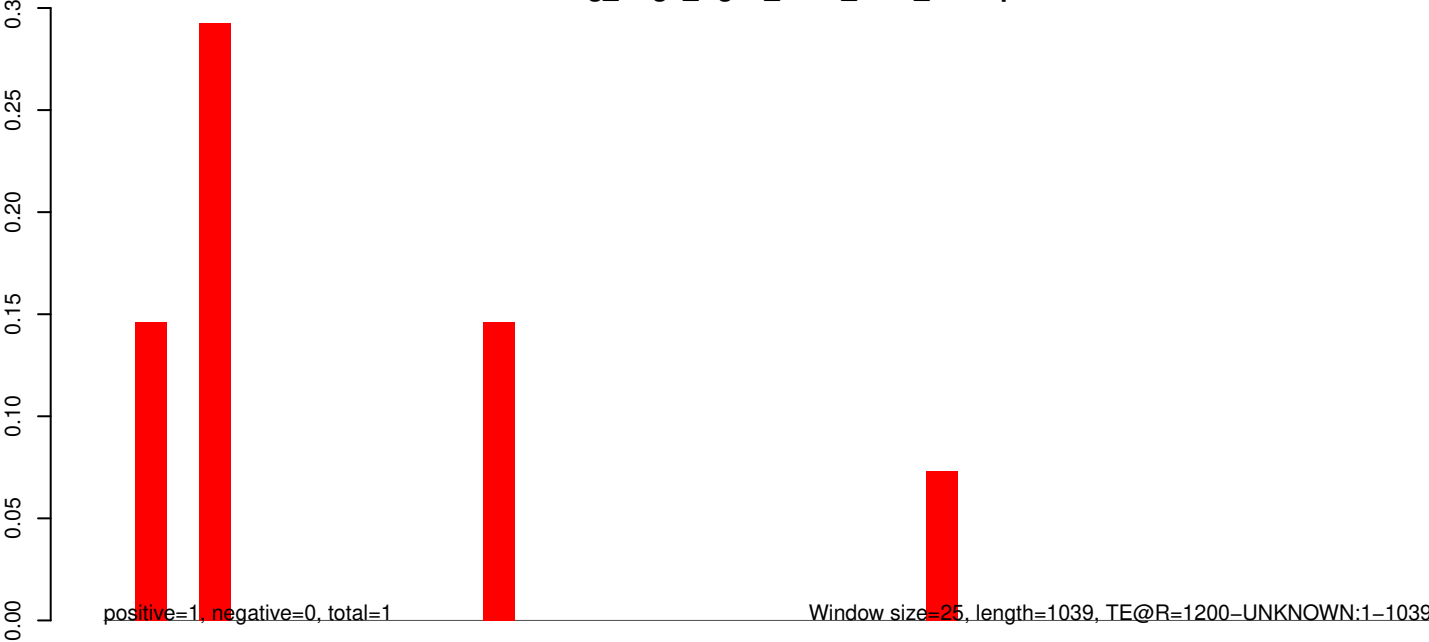
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



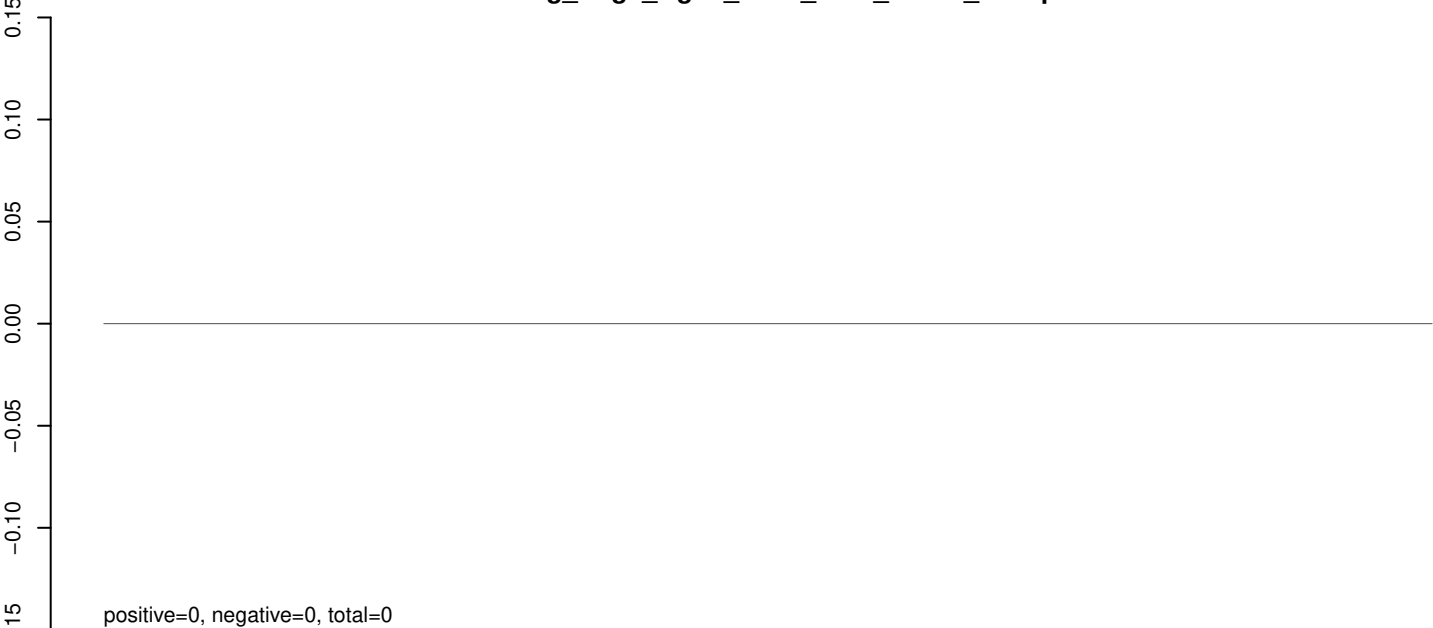
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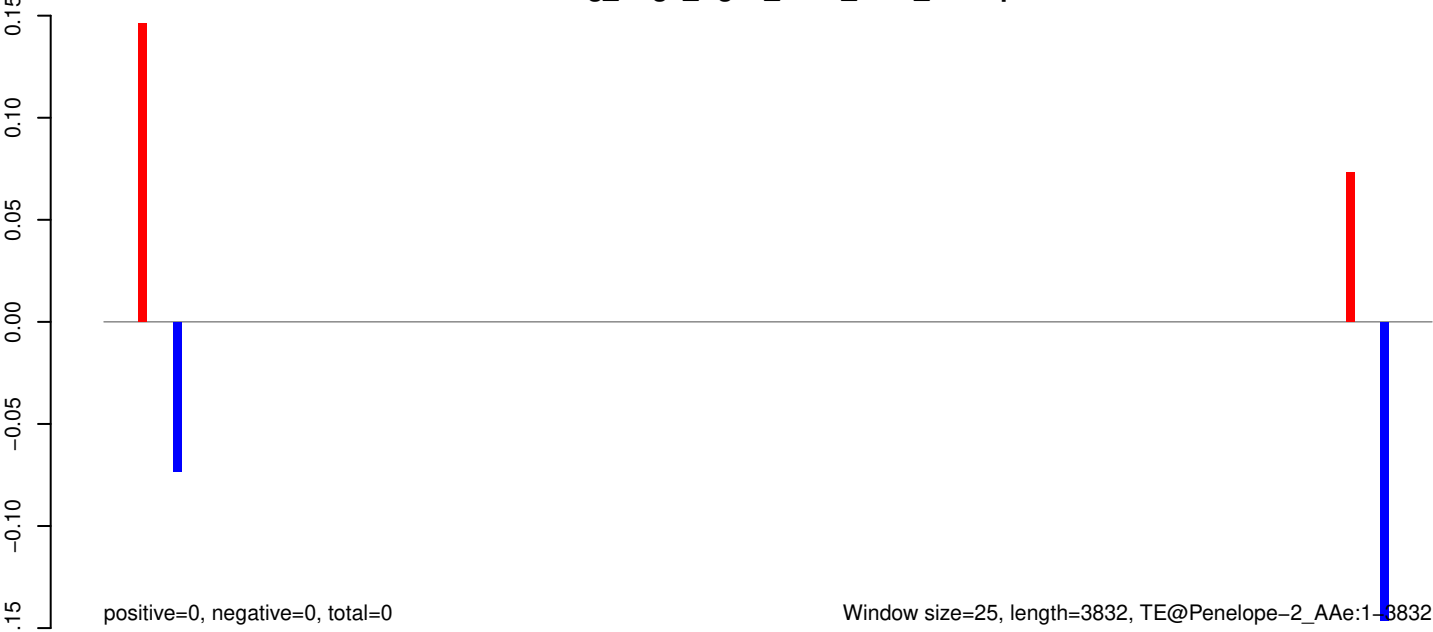
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

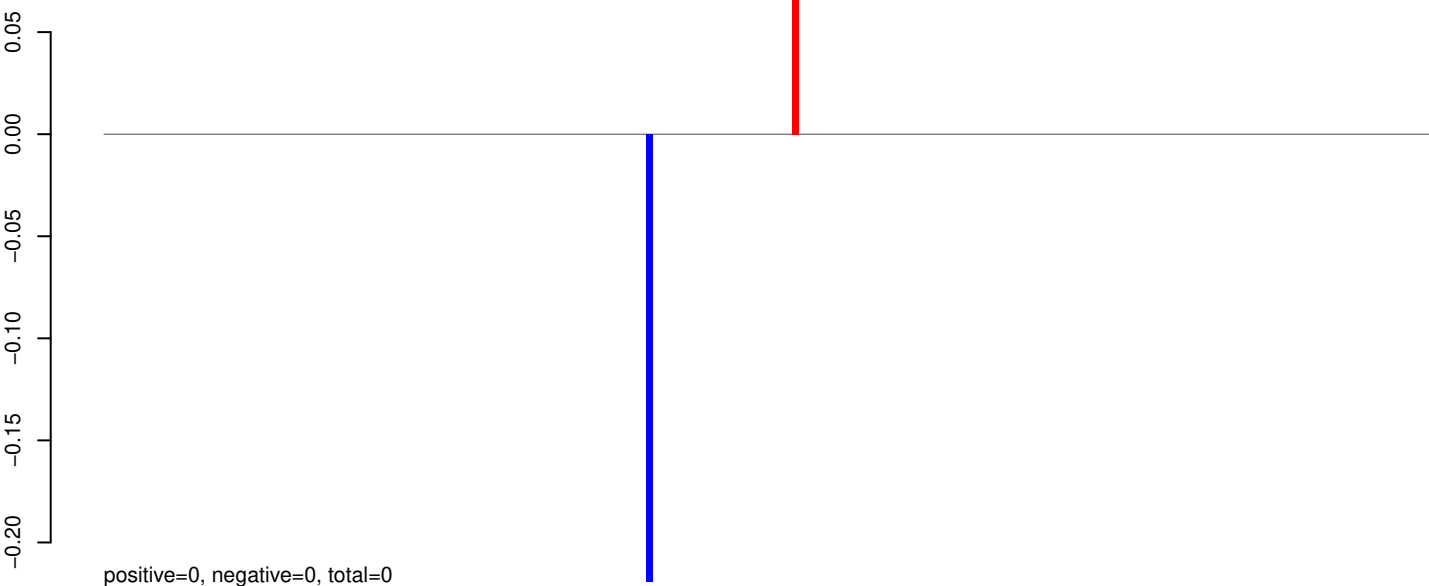


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

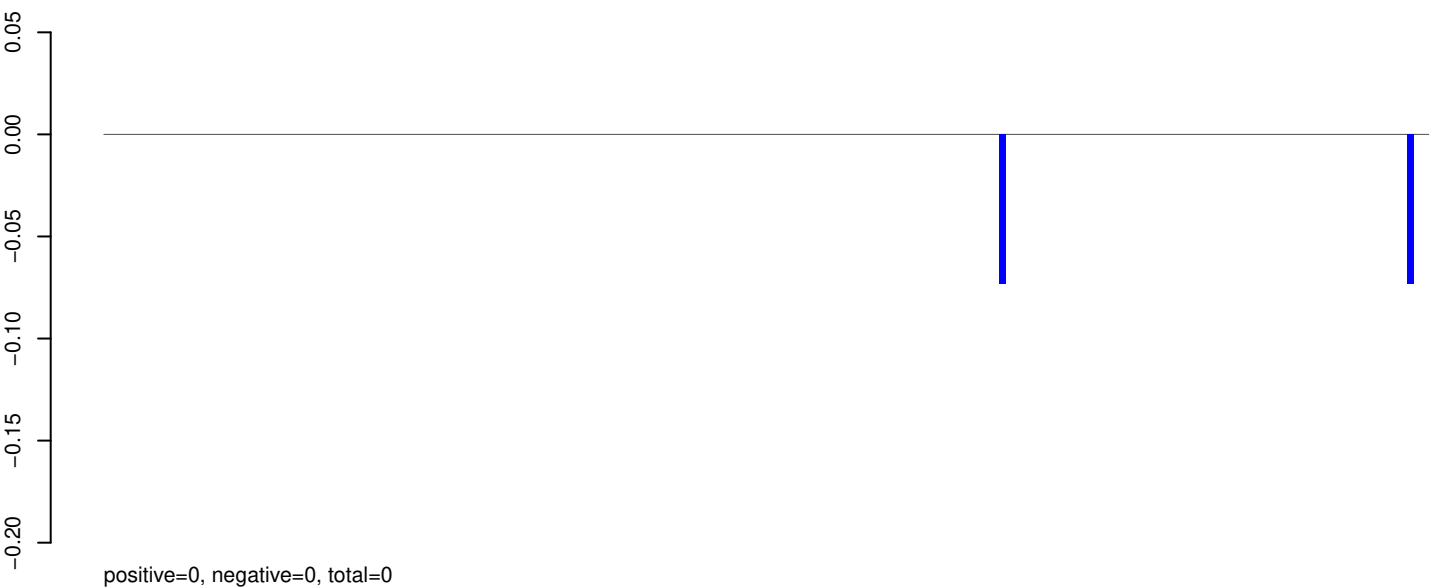




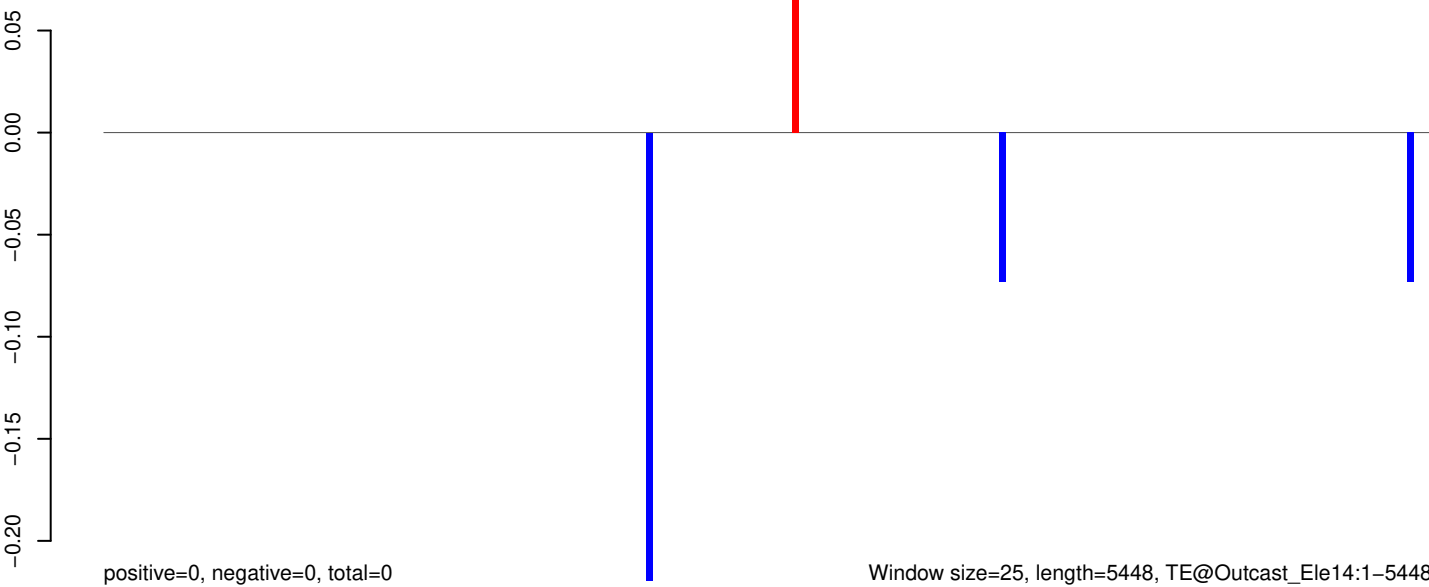
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



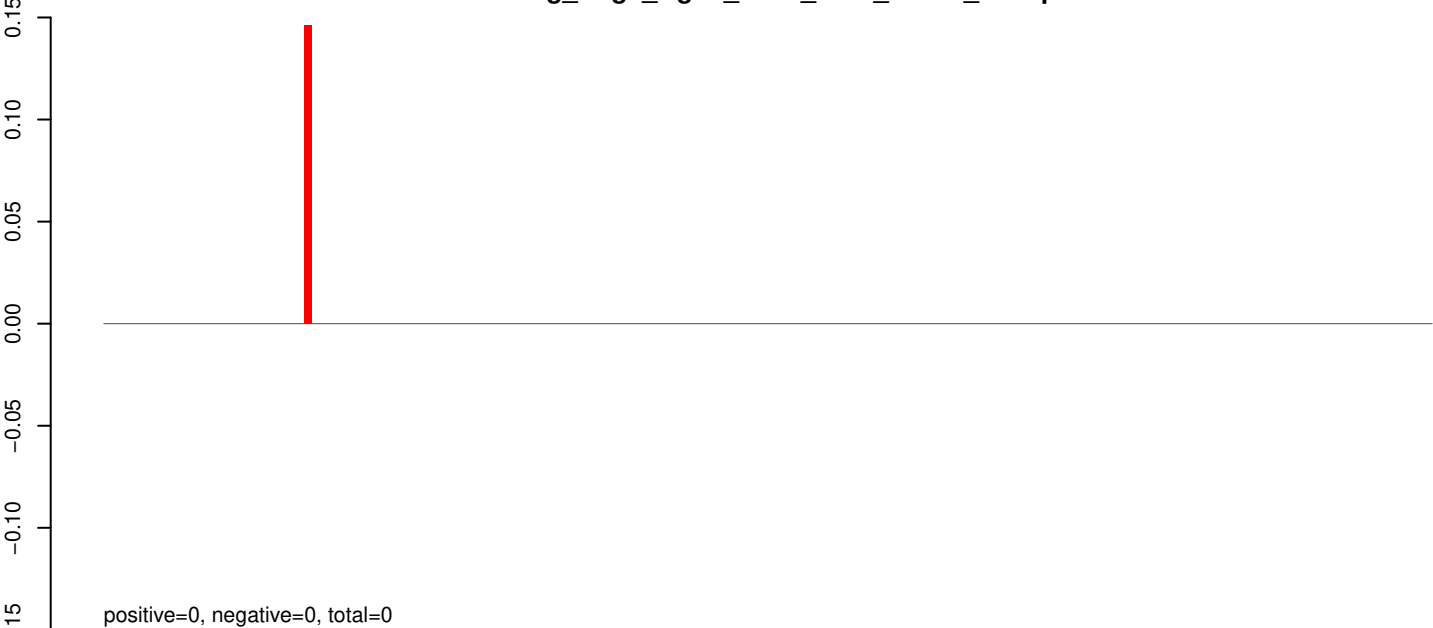
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



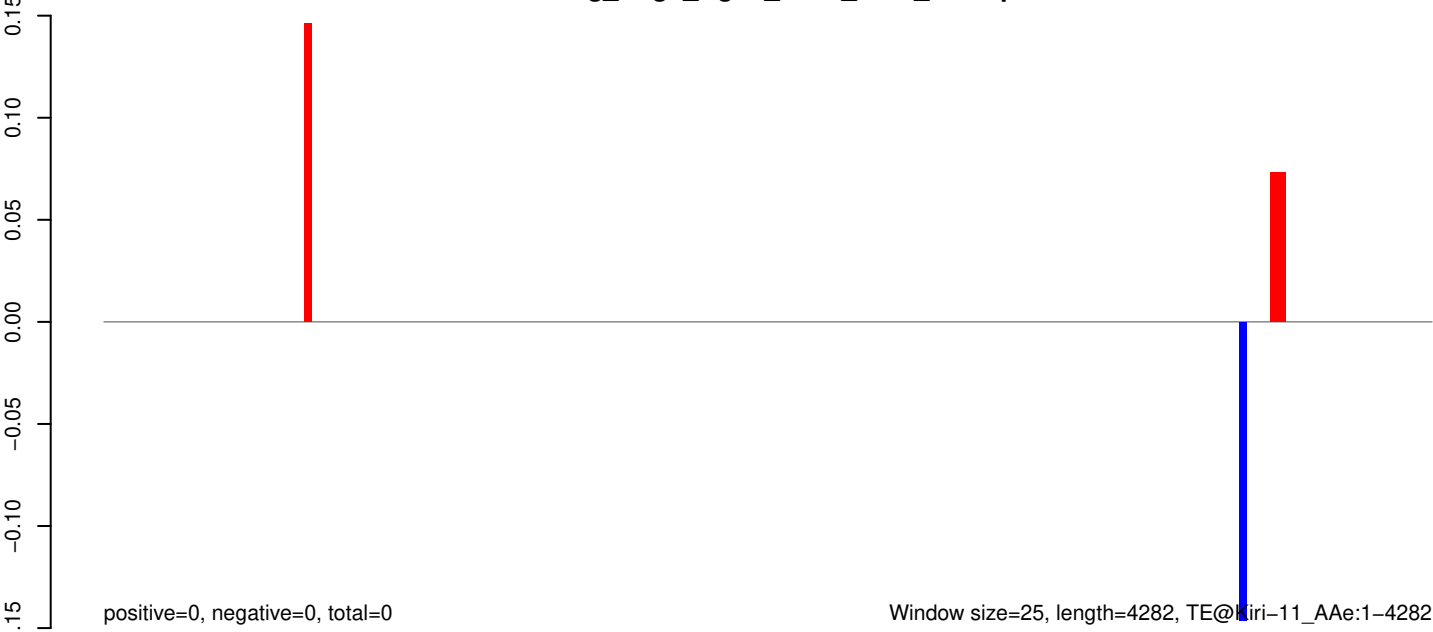
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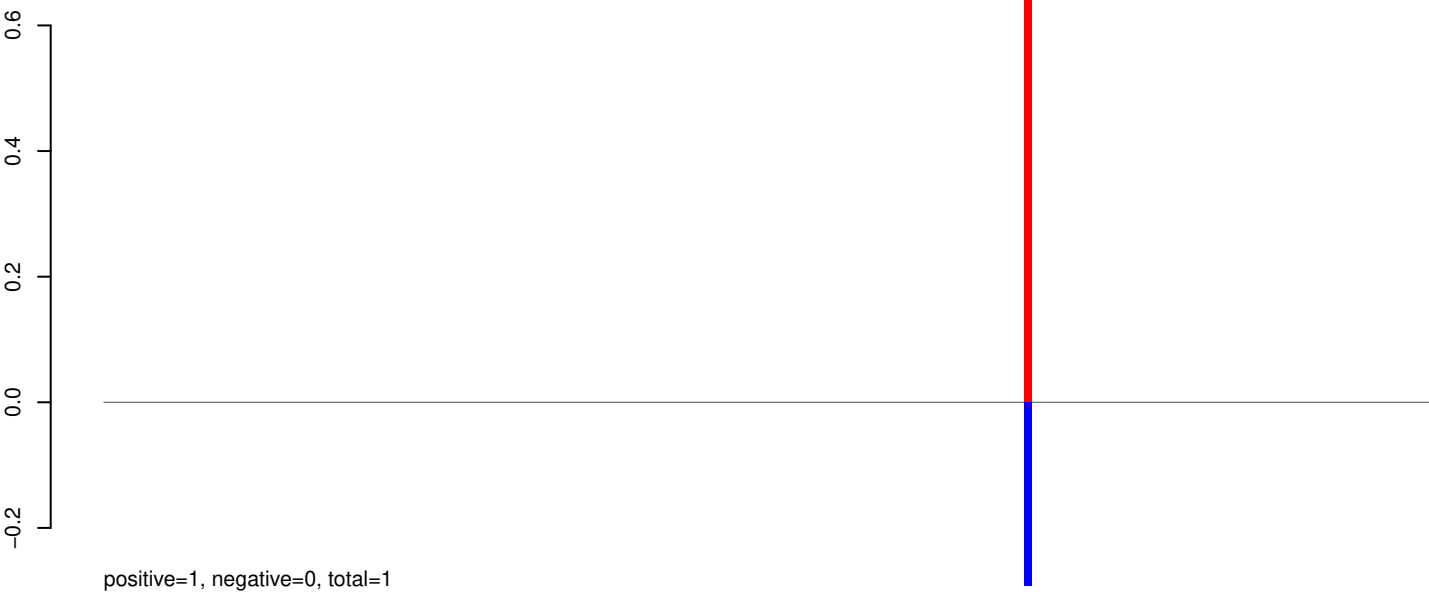
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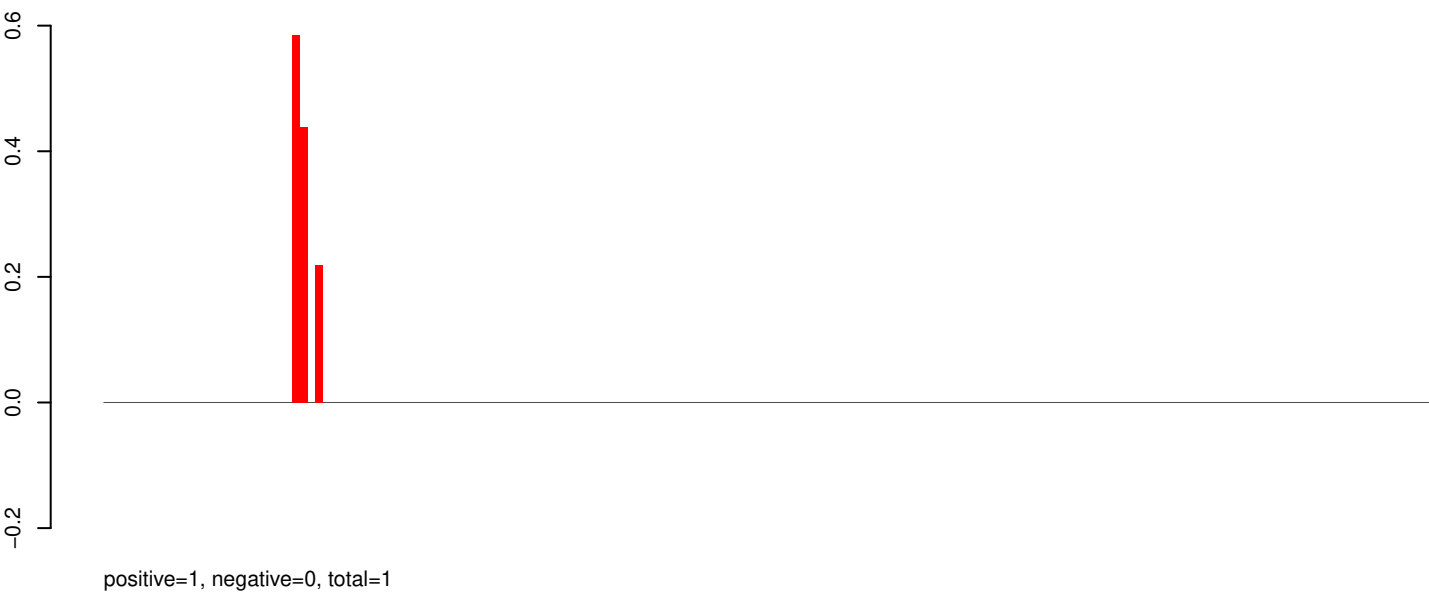
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



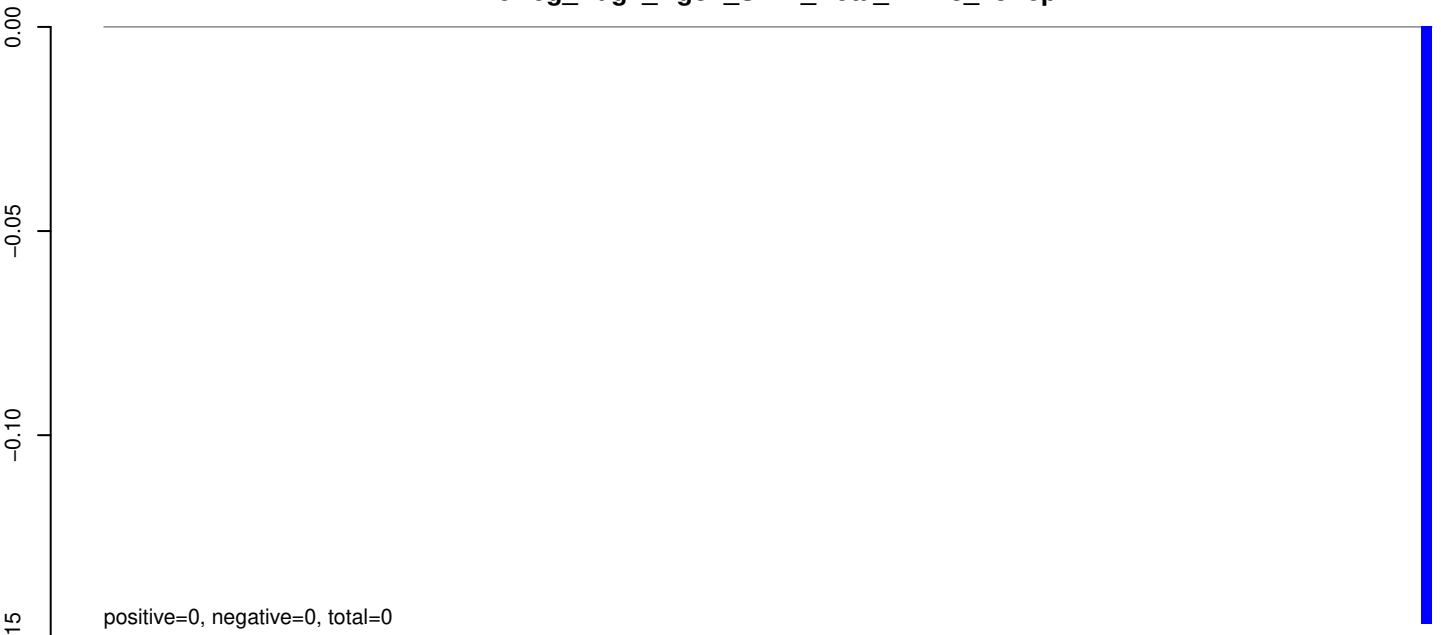
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



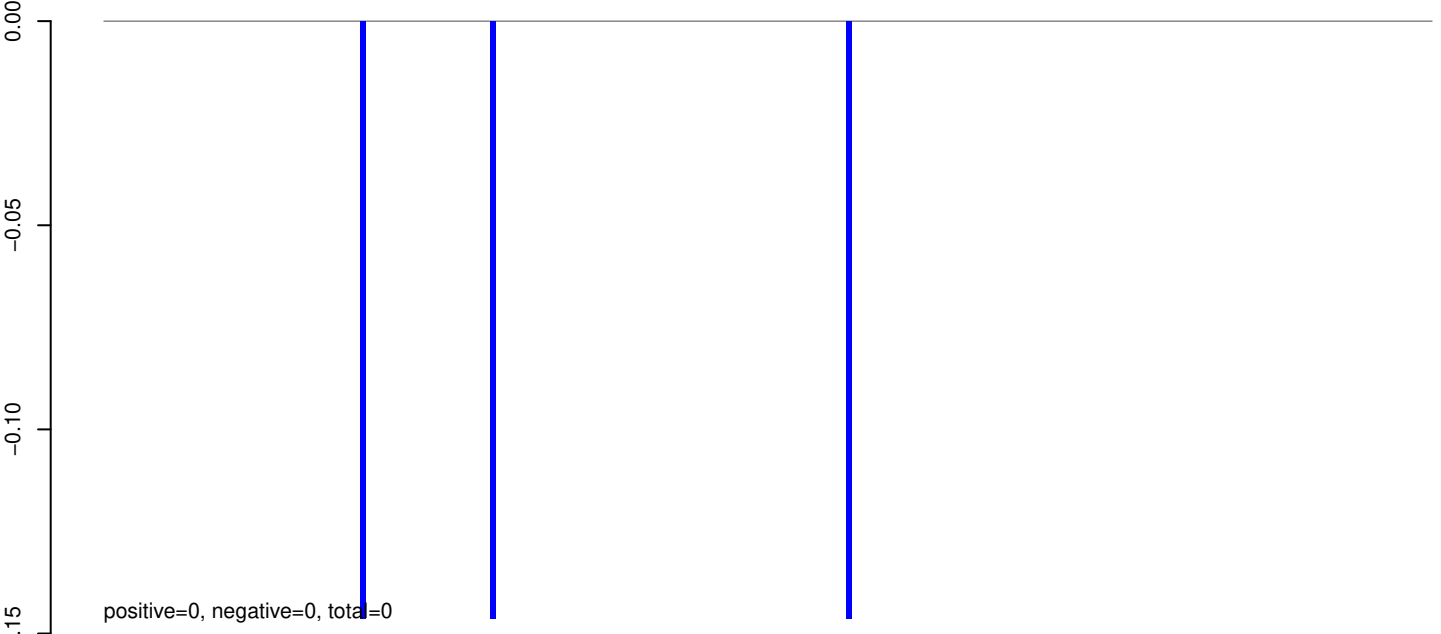
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0 1000 2000 3000 4000

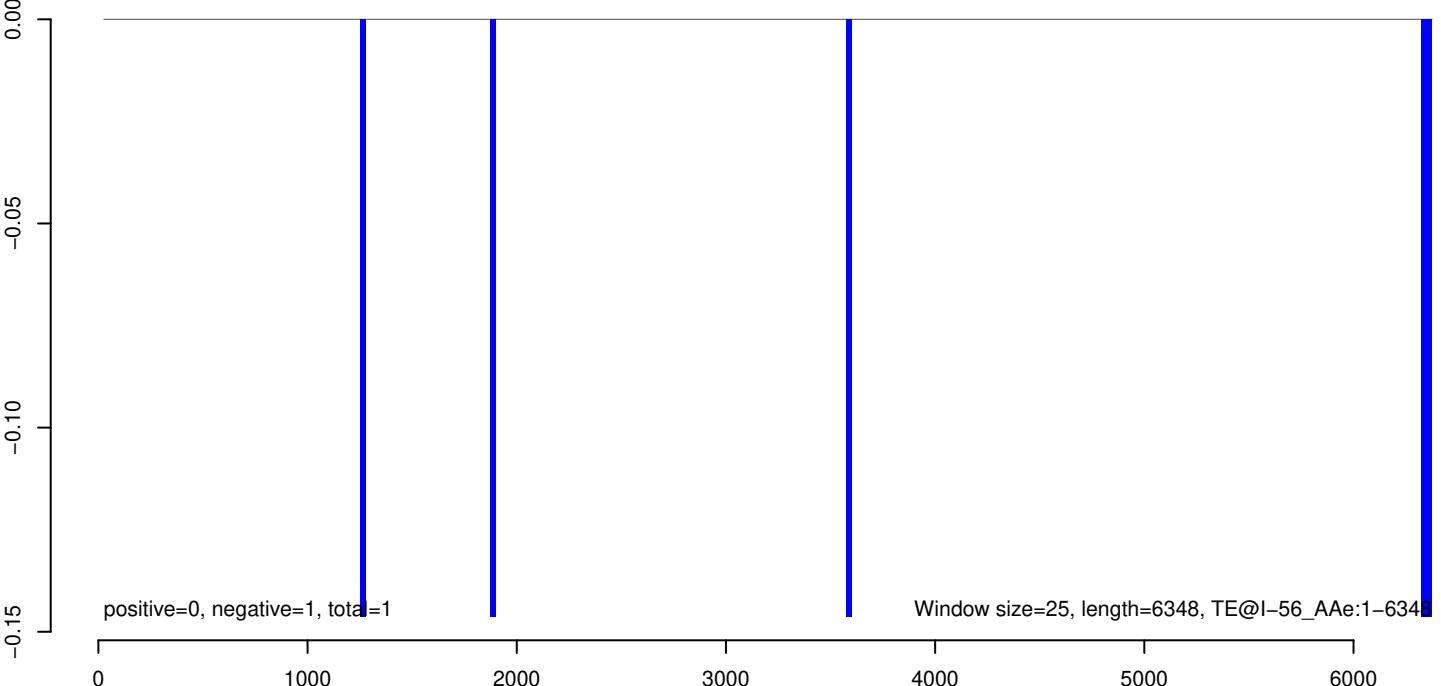
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



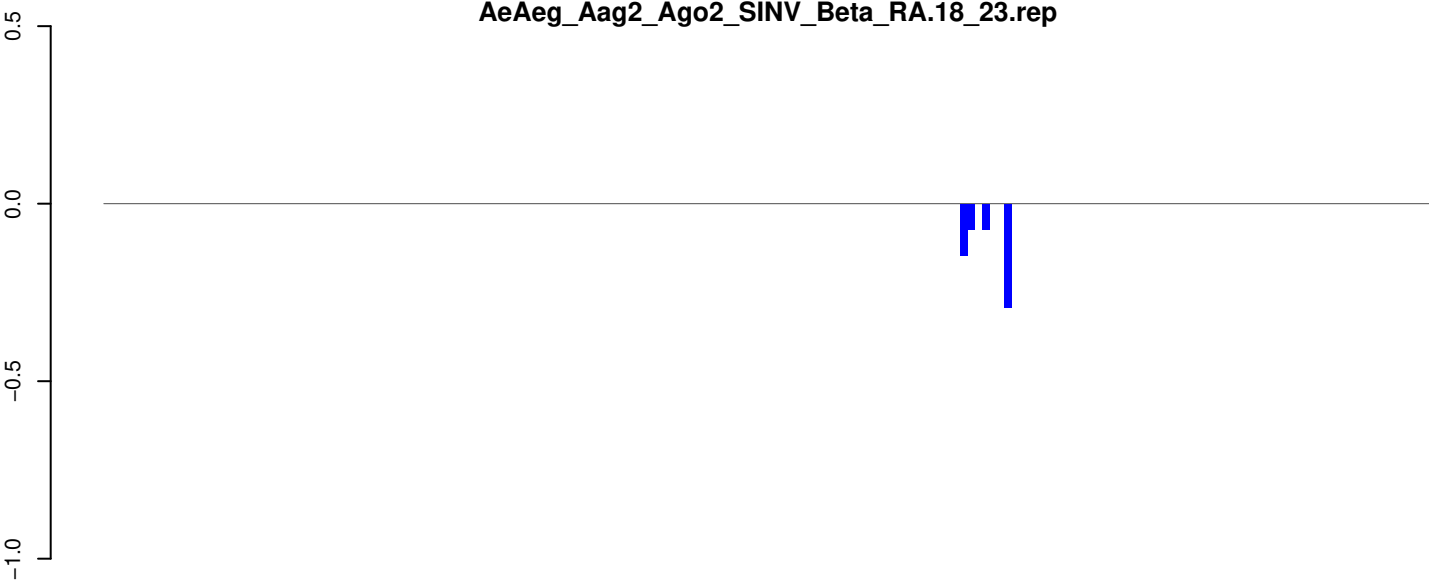
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

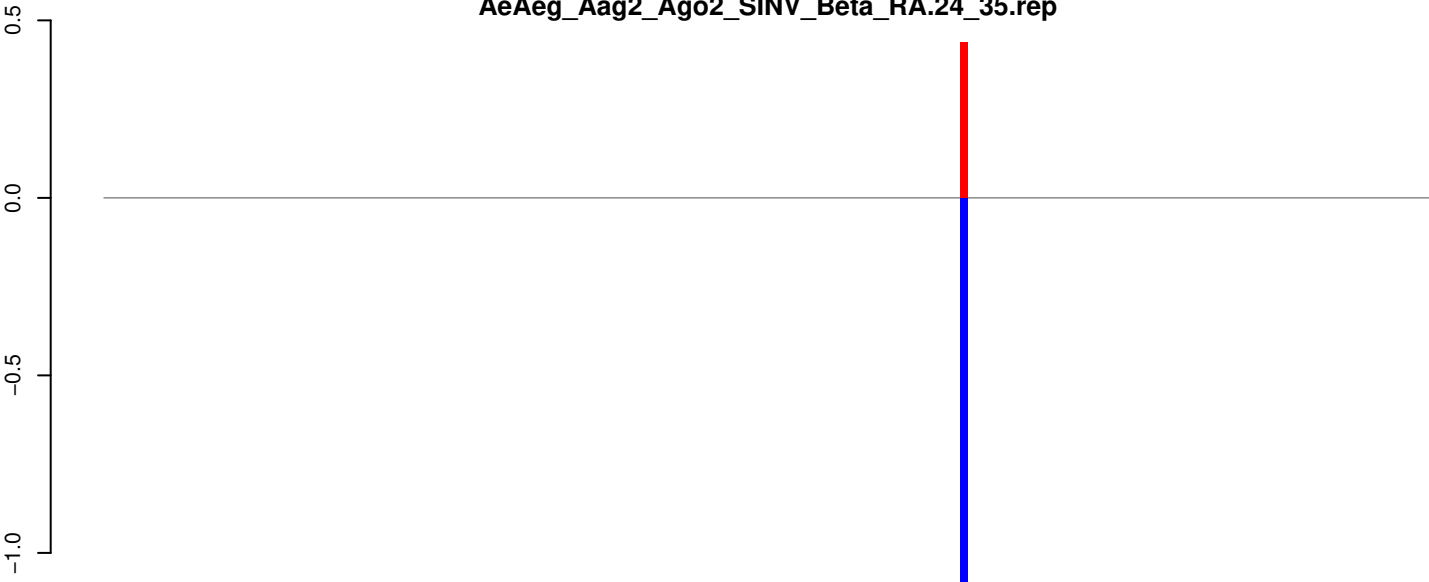


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



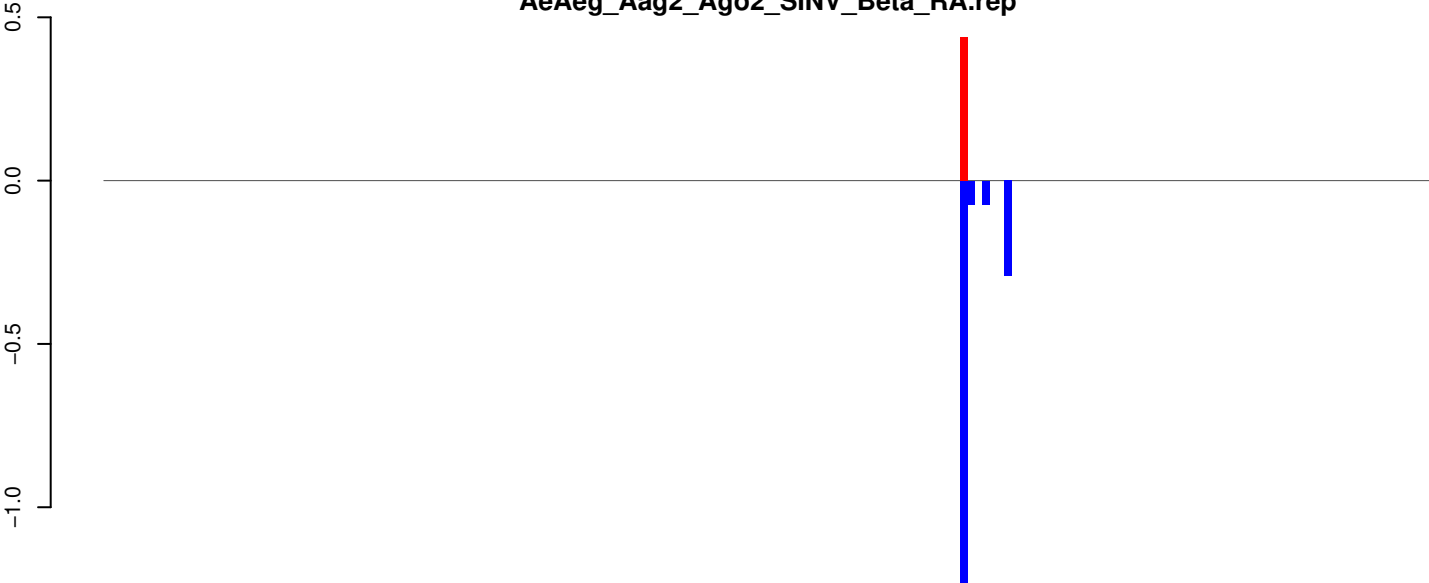
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



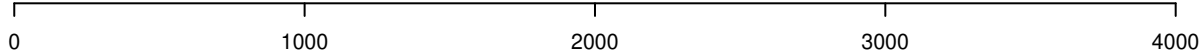
positive=0, negative=1, total=2

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=2, total=2

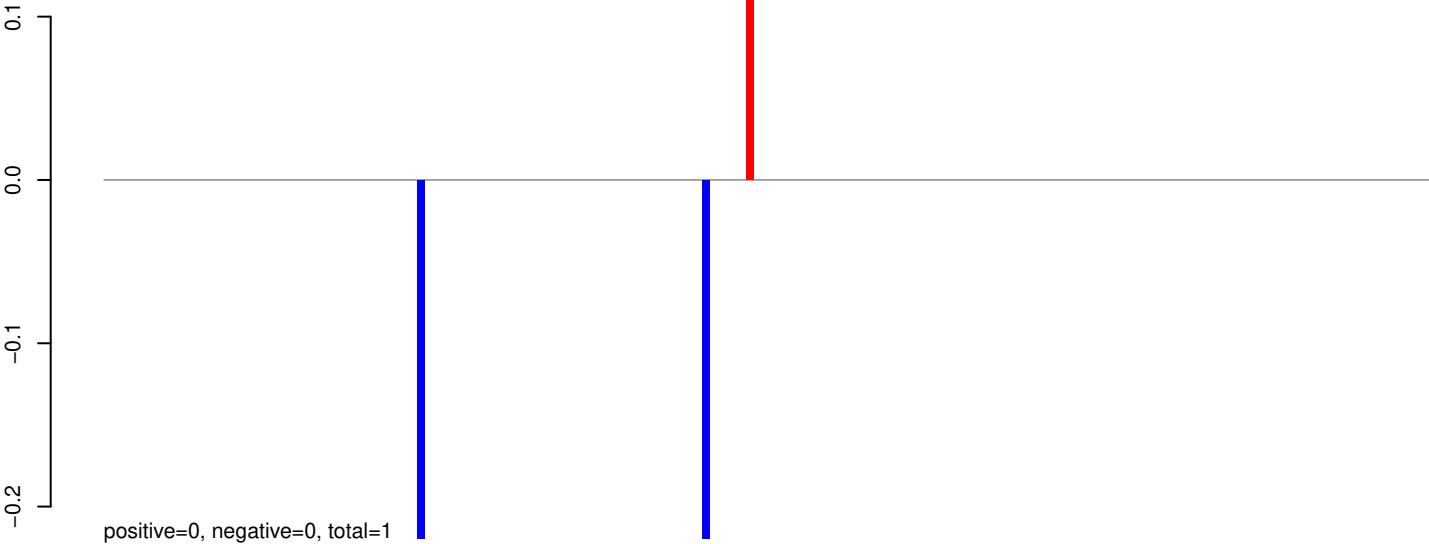
Window size=25, length=4554, TE@Gypsy-9\_AA-LTR-I:1-4554



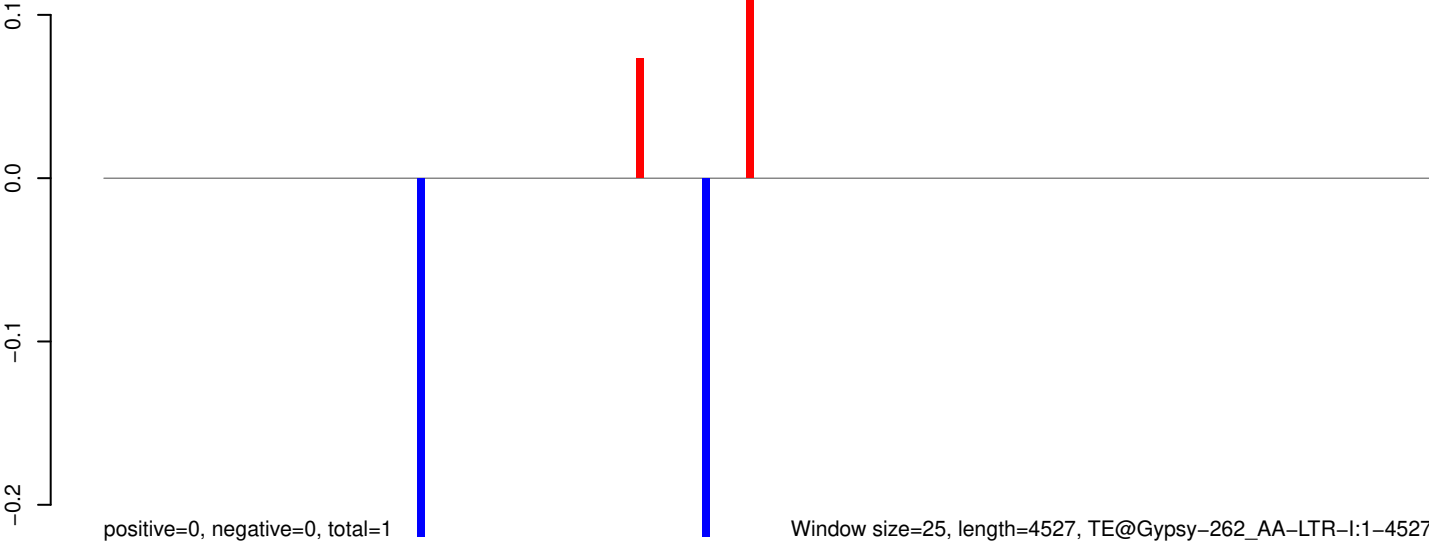
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



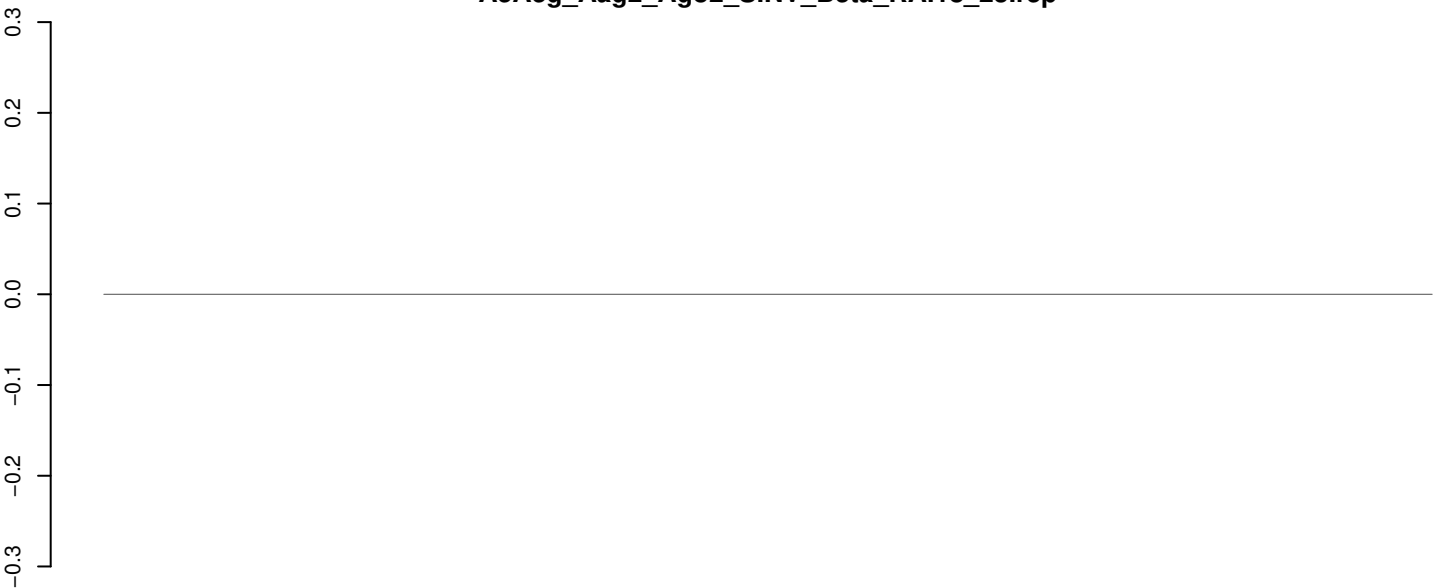
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=4527, TE@Gypsy-262\_AA-LTR-I:1-4527

0 1000 2000 3000 4000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



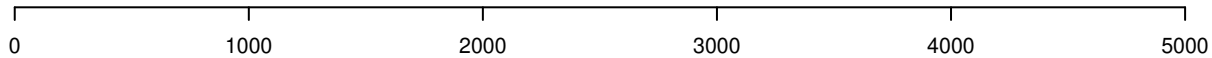
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=1, total=1

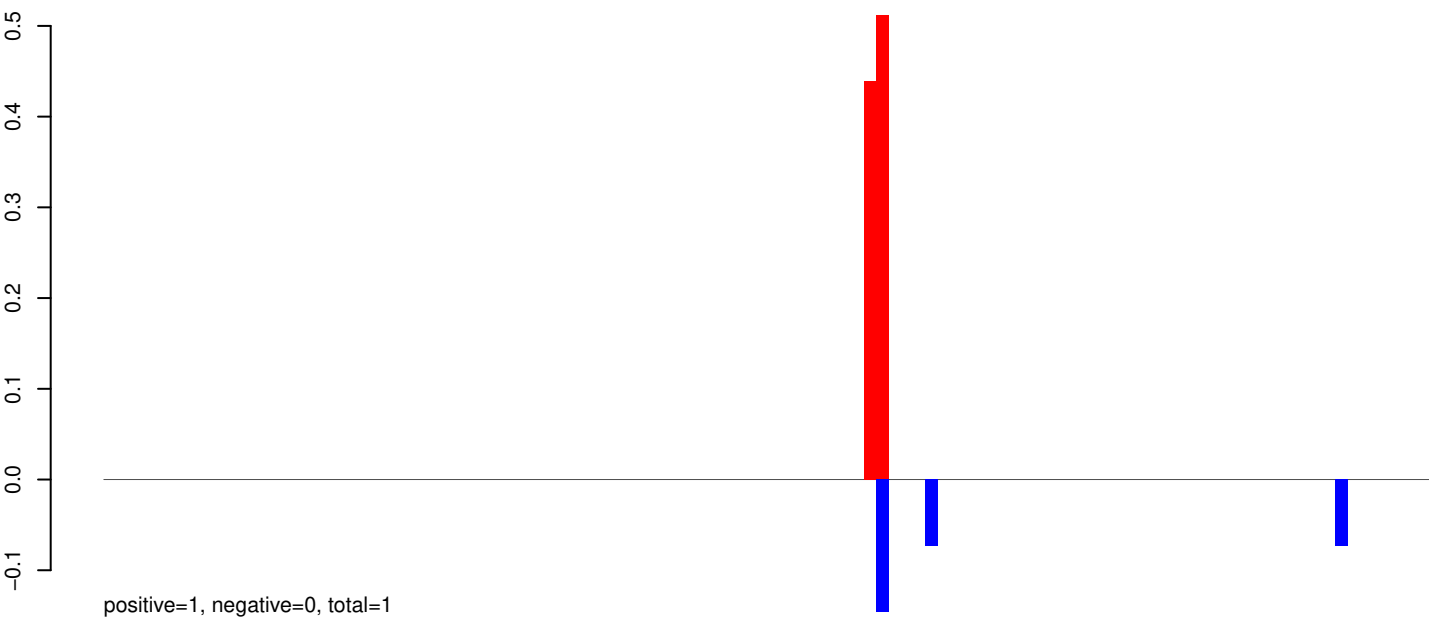
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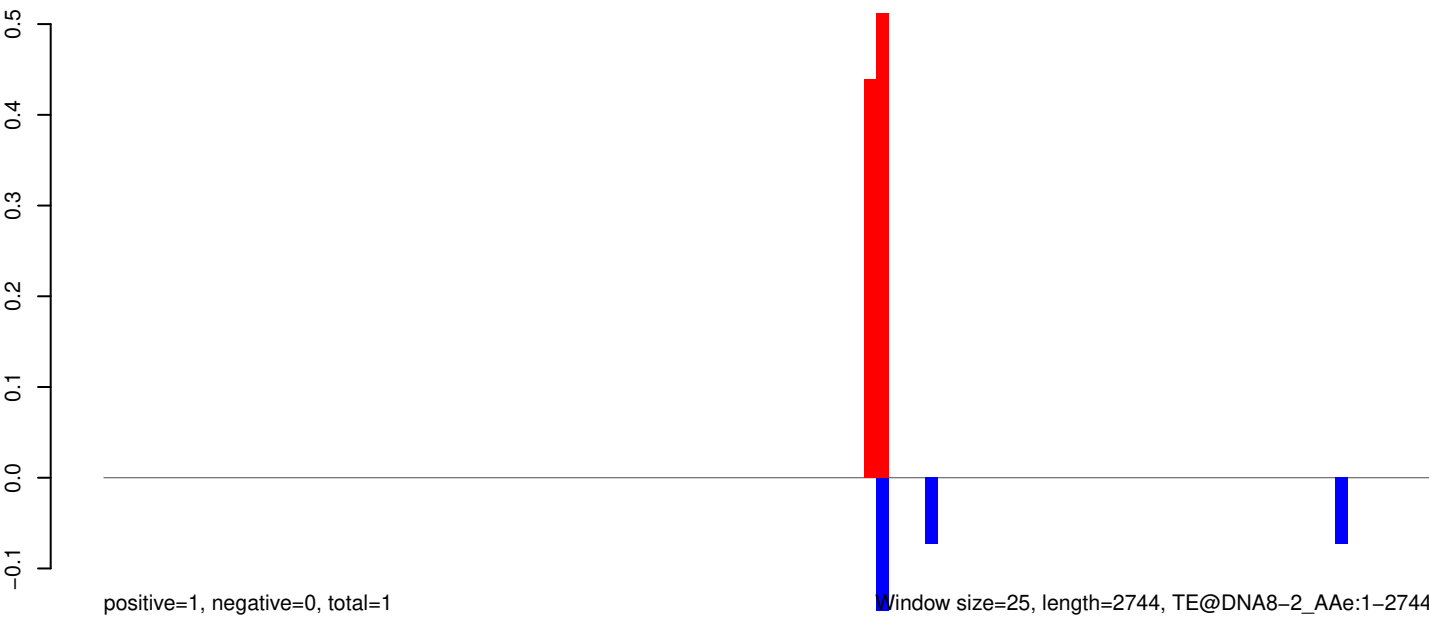
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



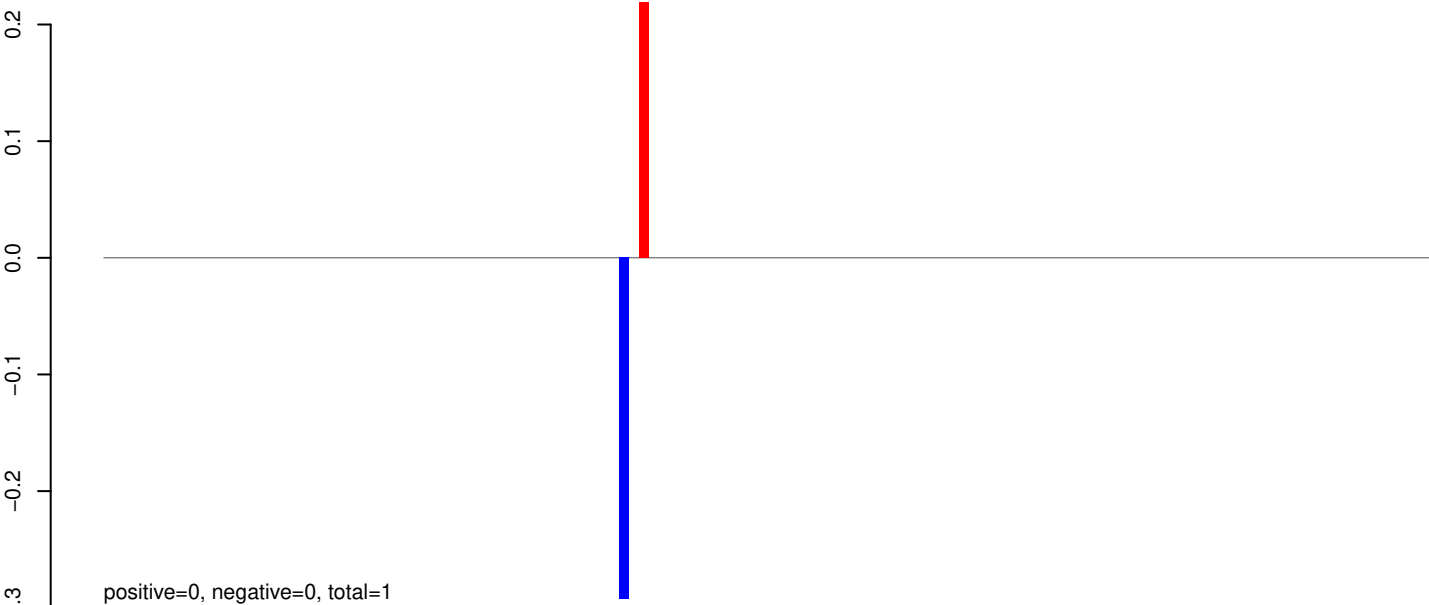
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



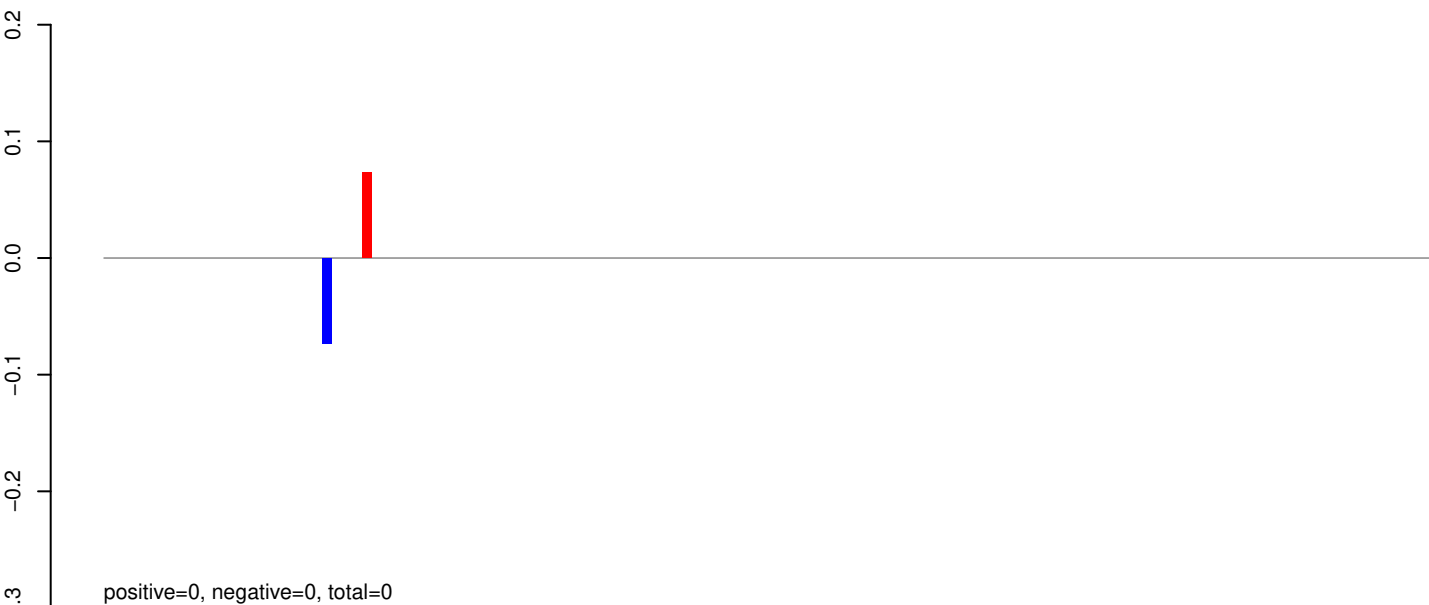
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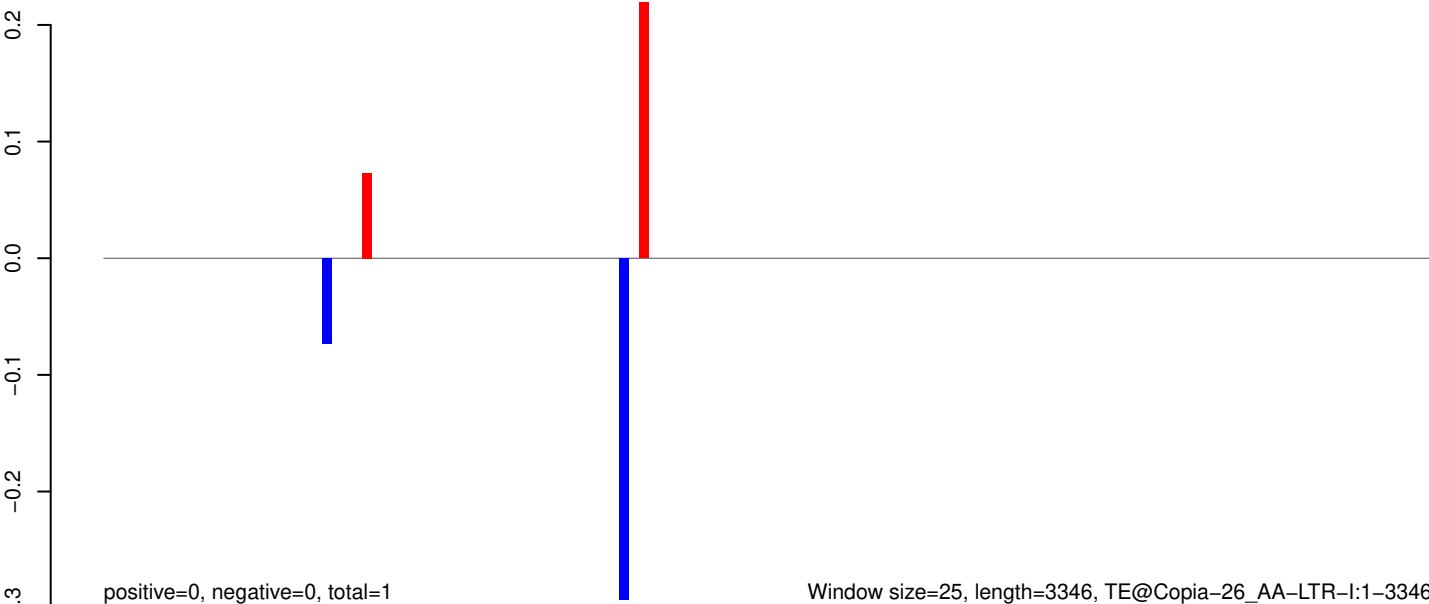
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



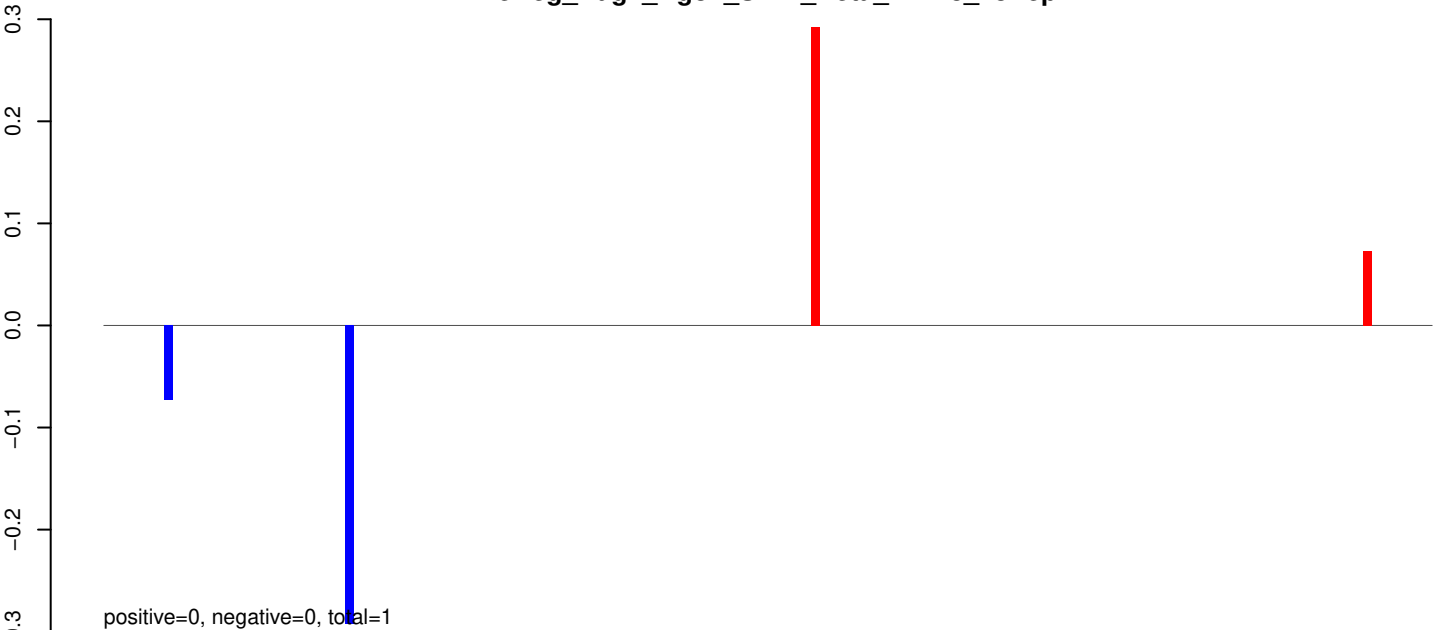
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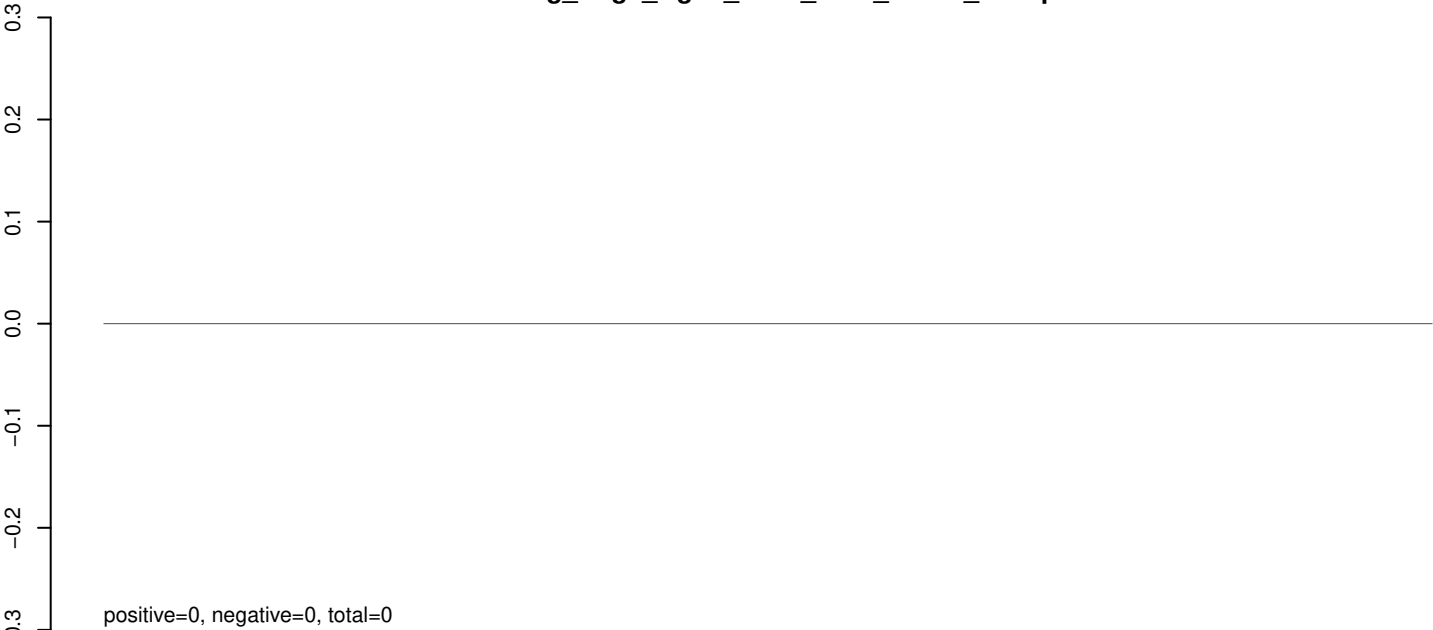
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



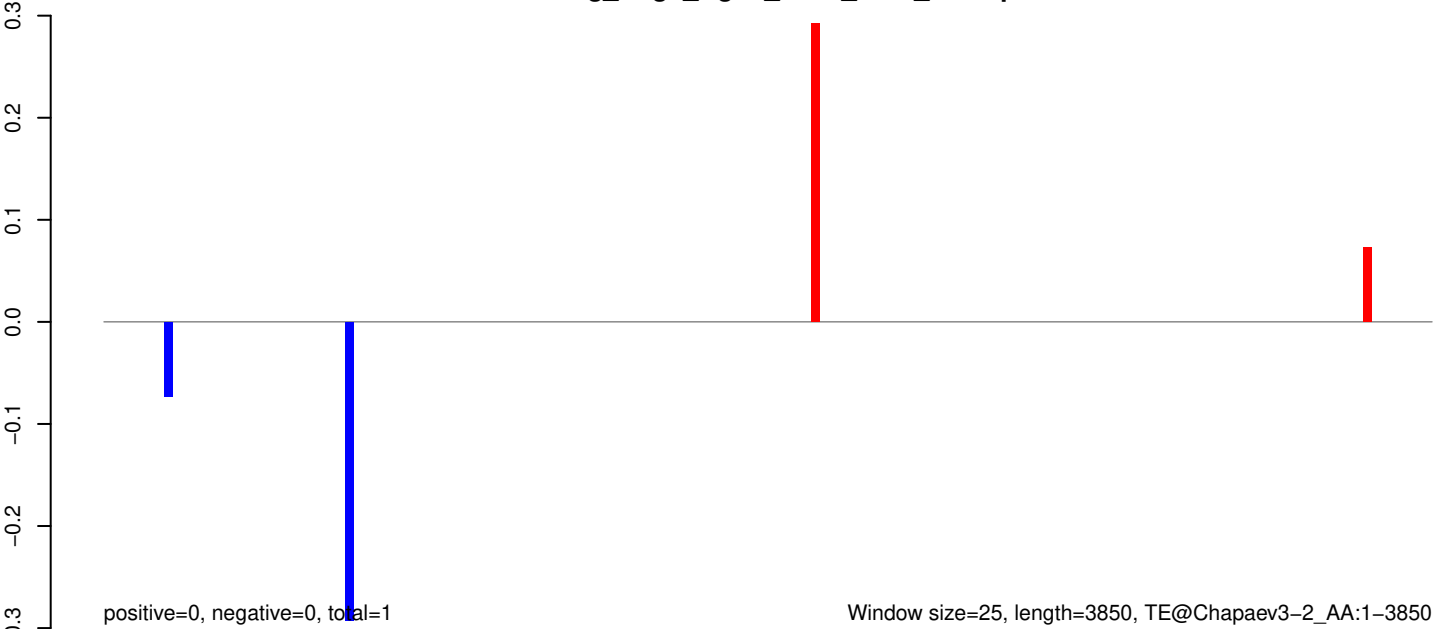
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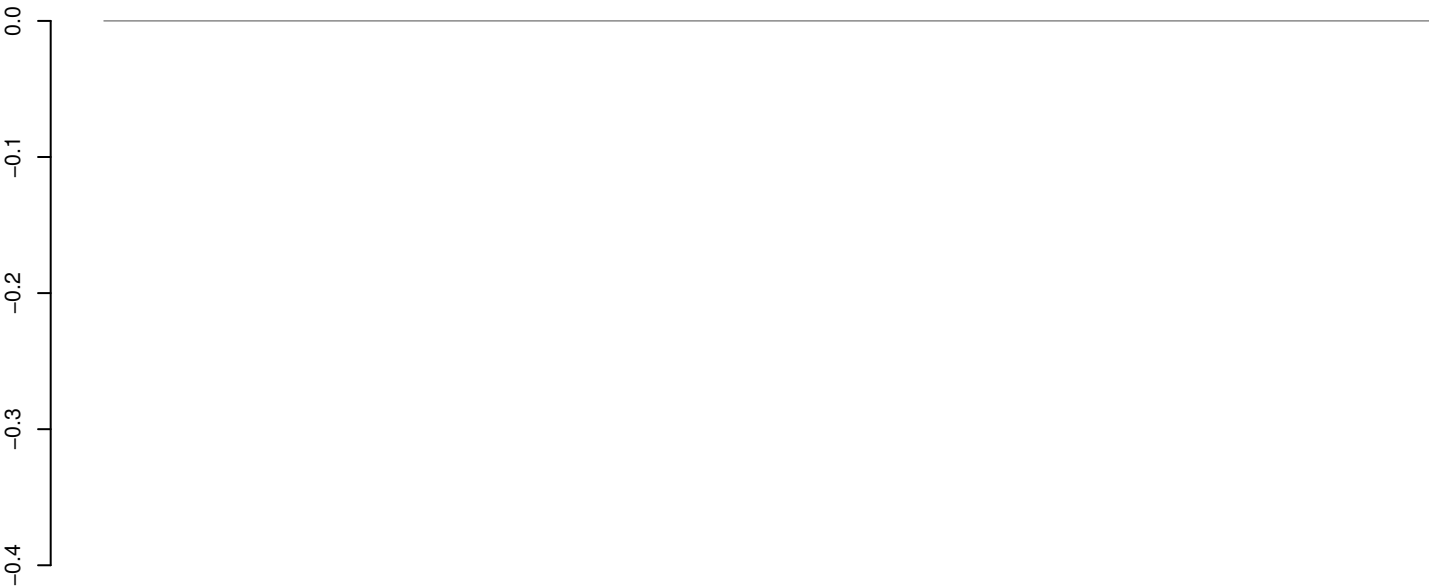
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

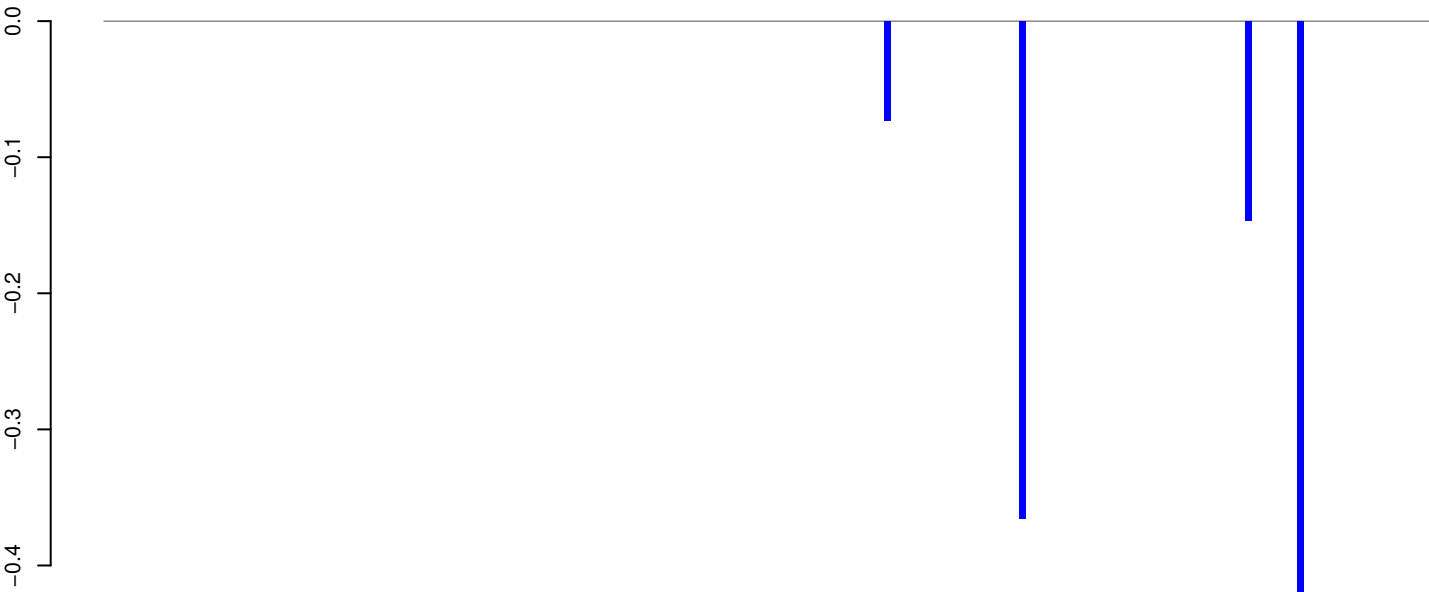


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



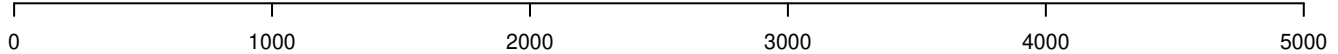
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

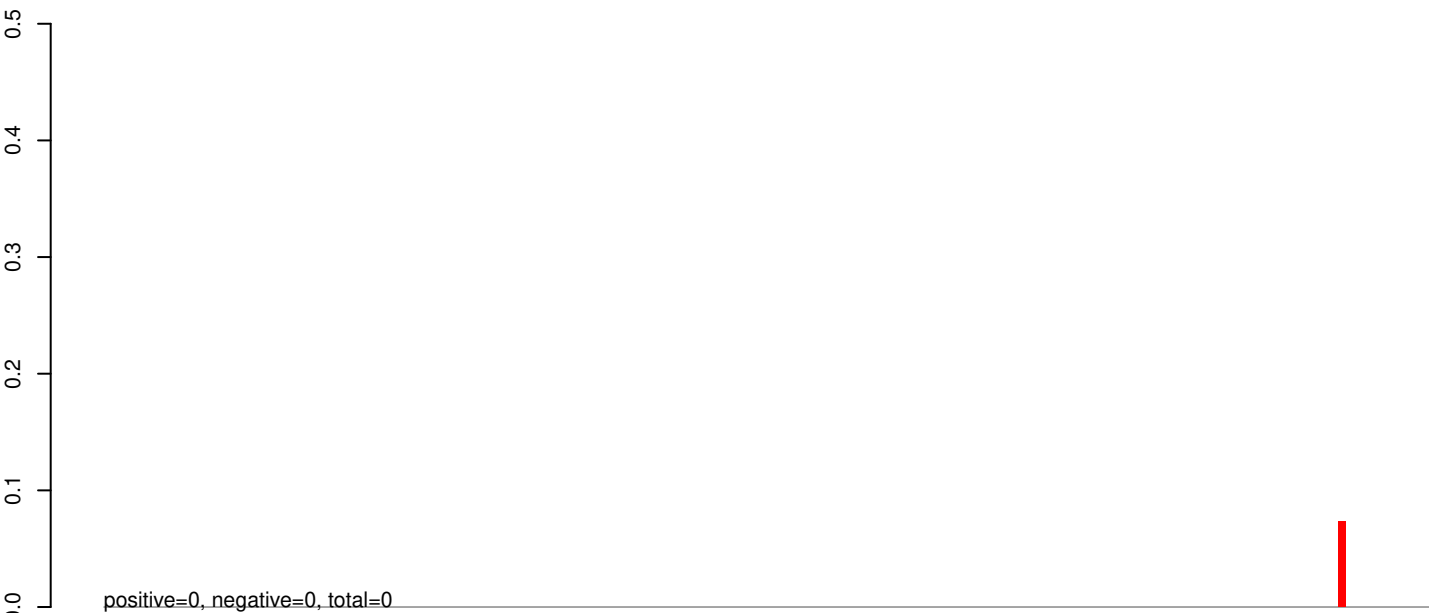


positive=0, negative=1, total=1

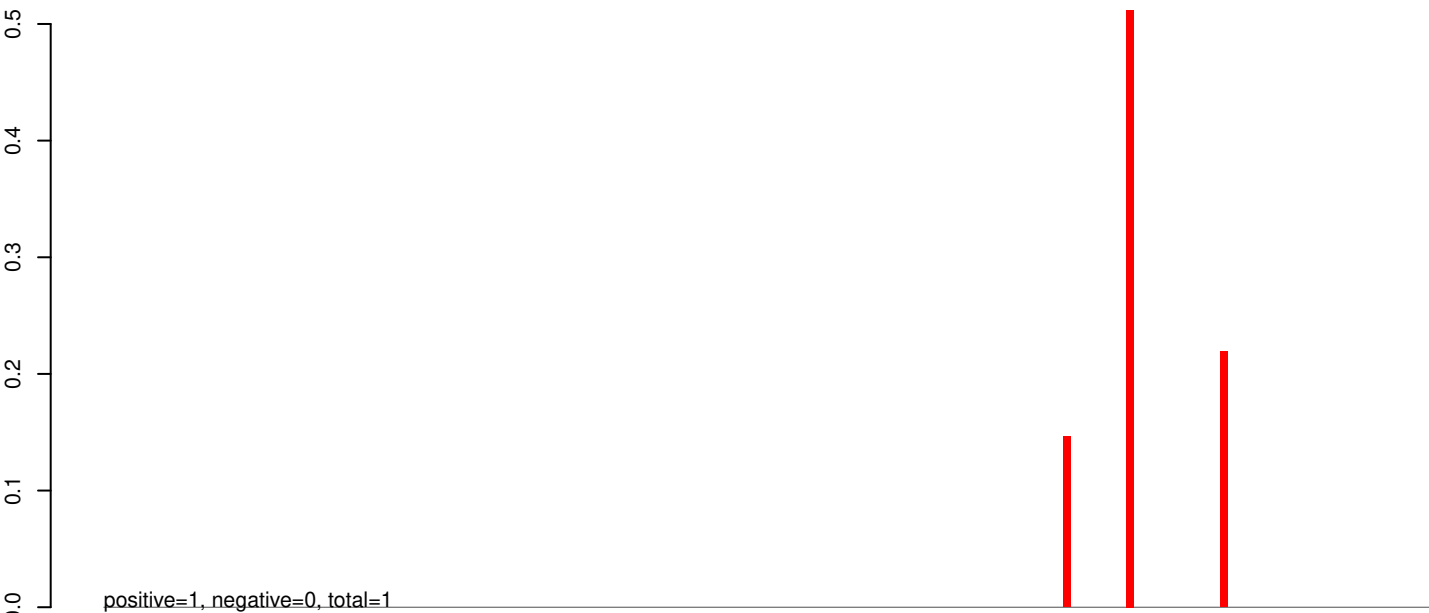
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



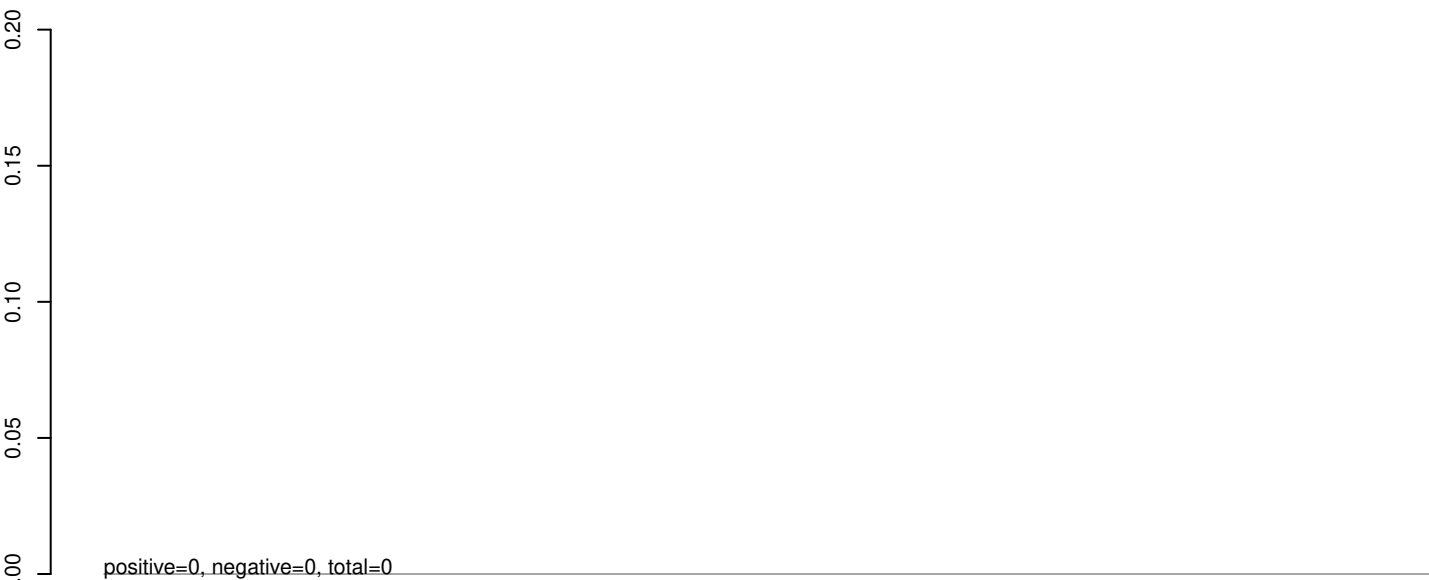
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



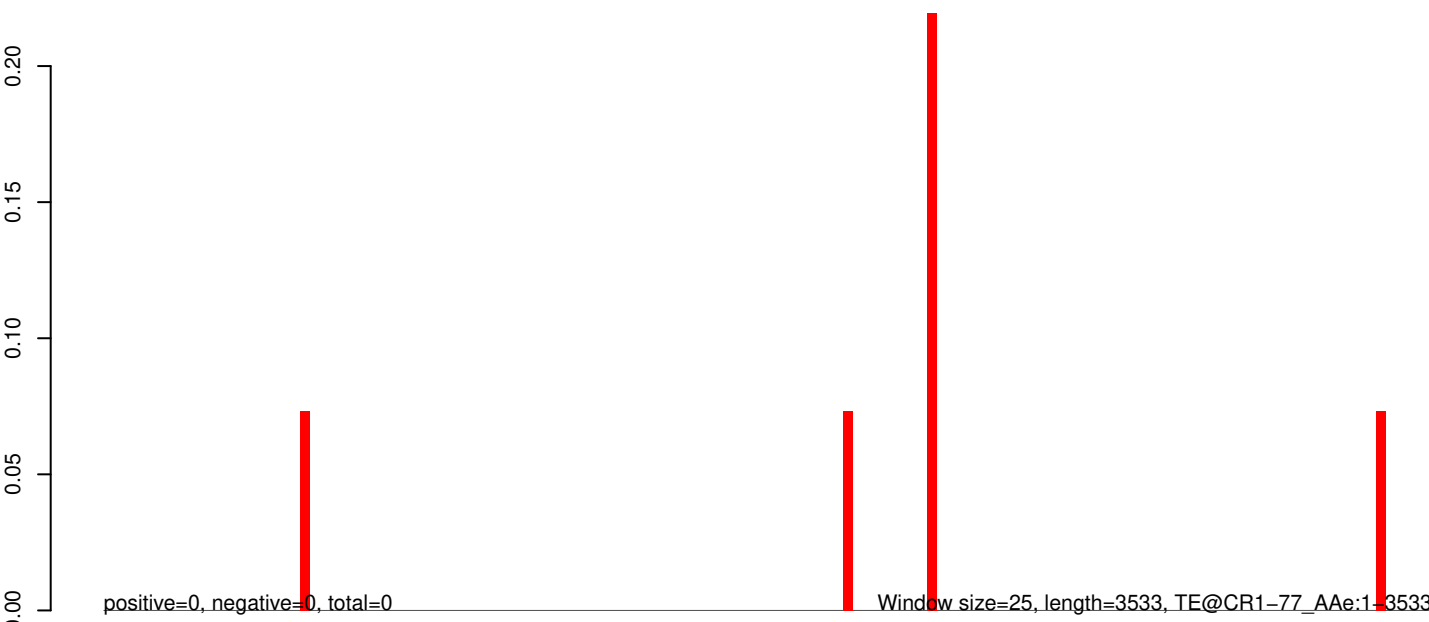
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

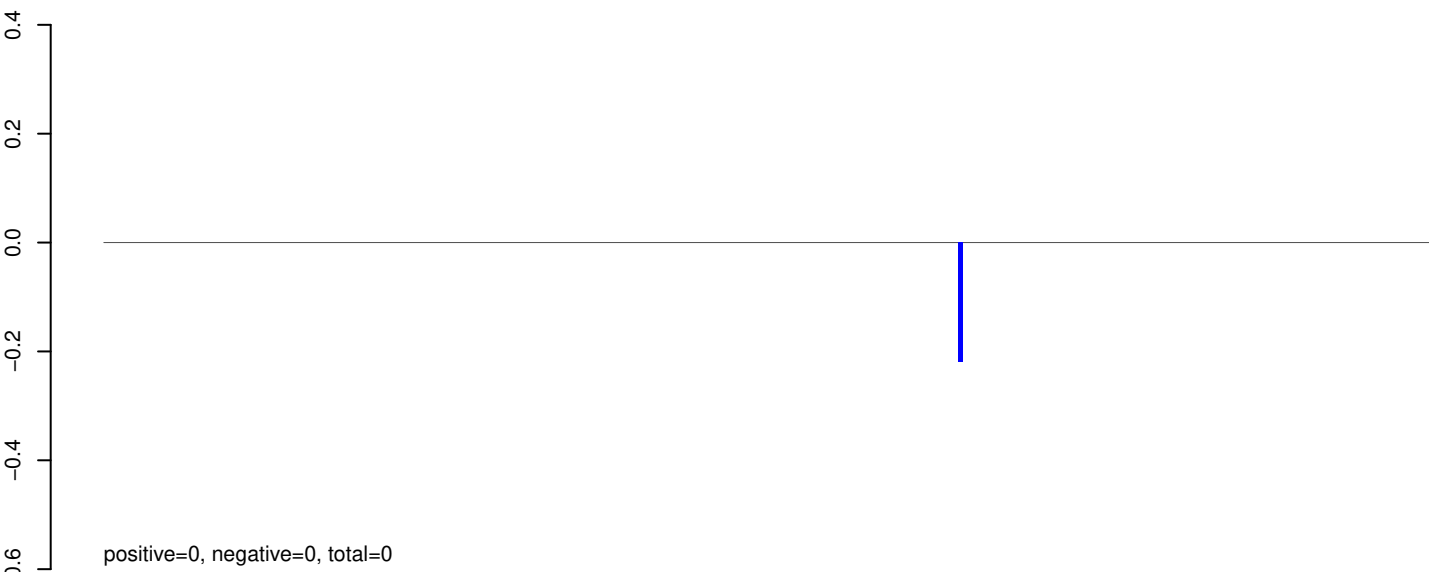


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

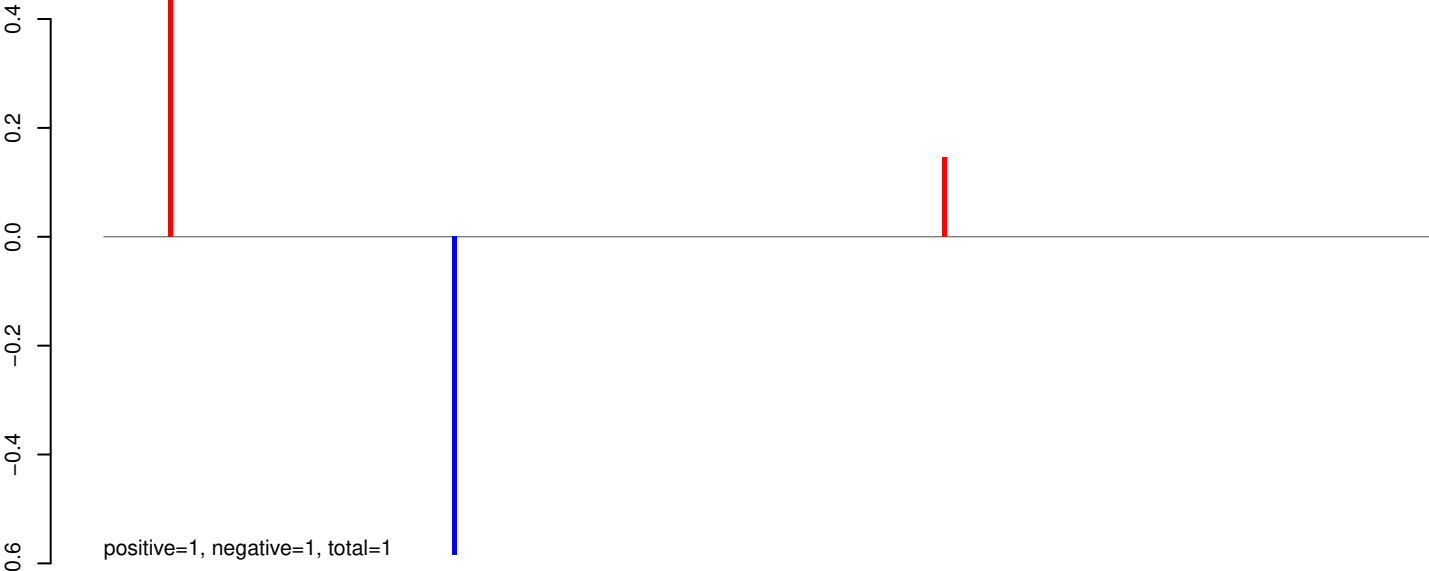


0 500 1000 1500 2000 2500 3000 3500

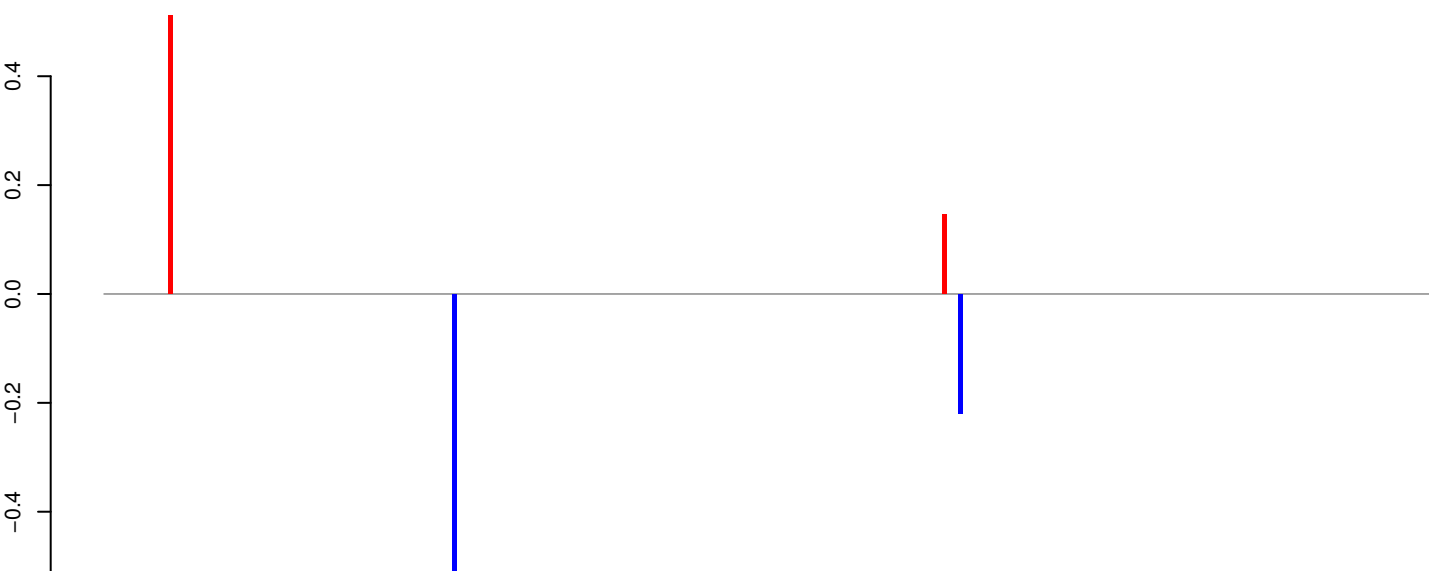
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



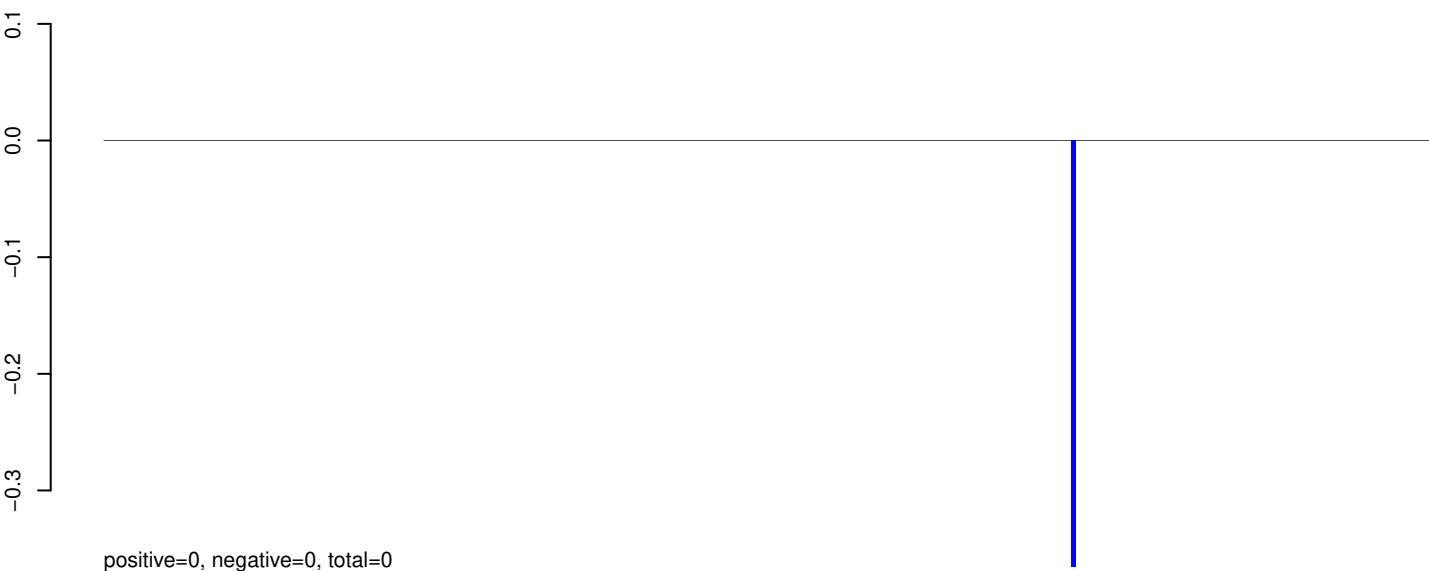
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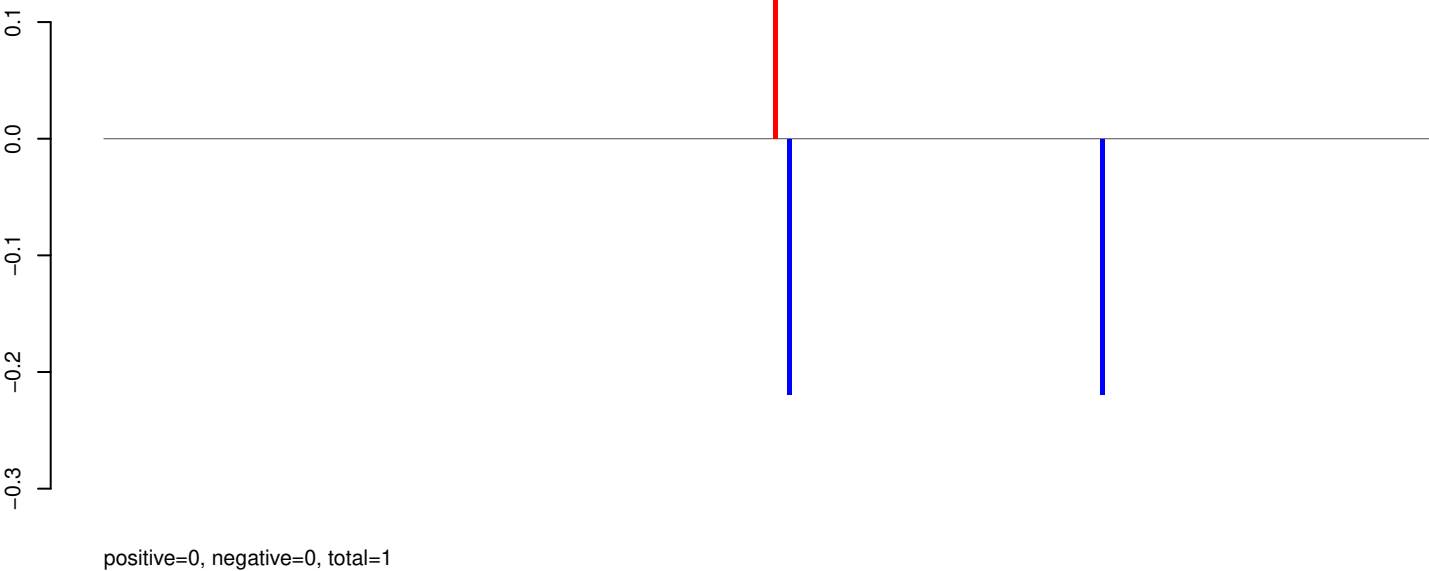
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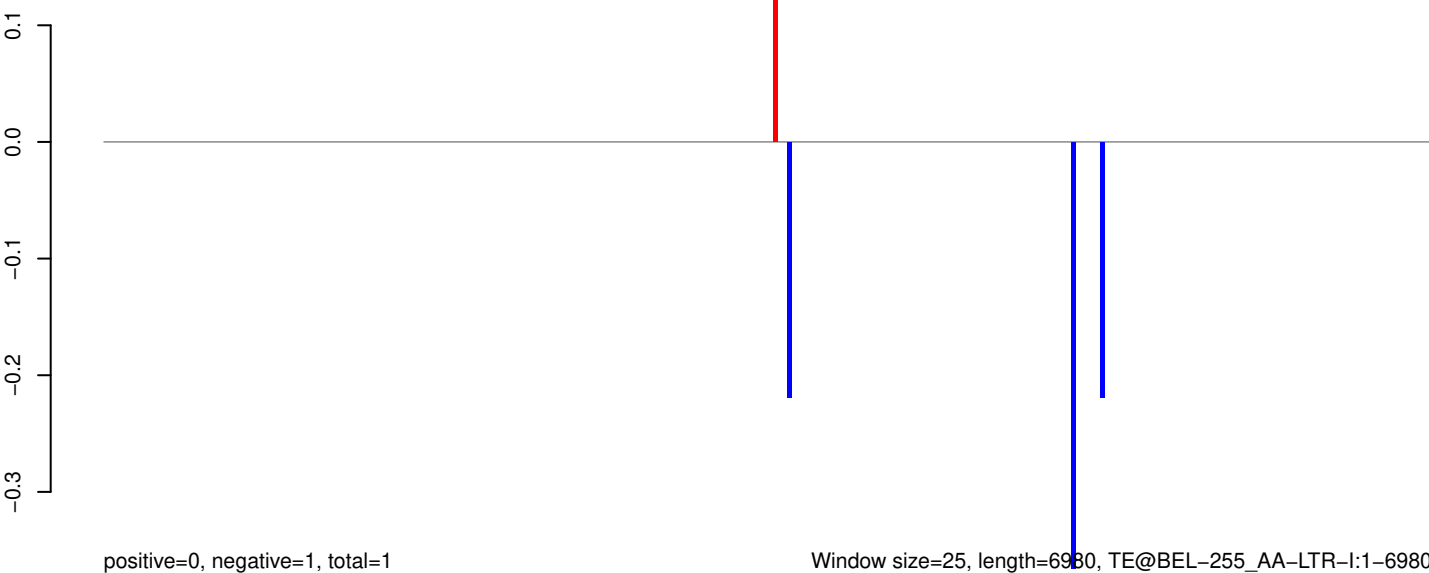
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



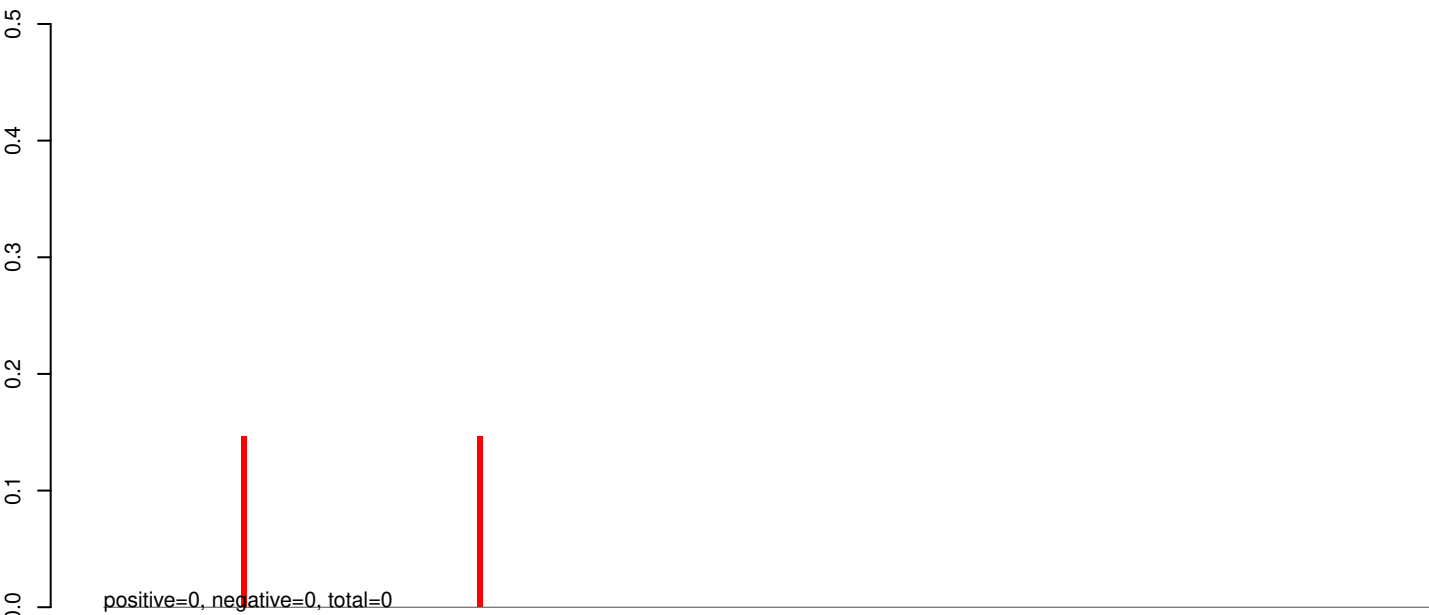
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



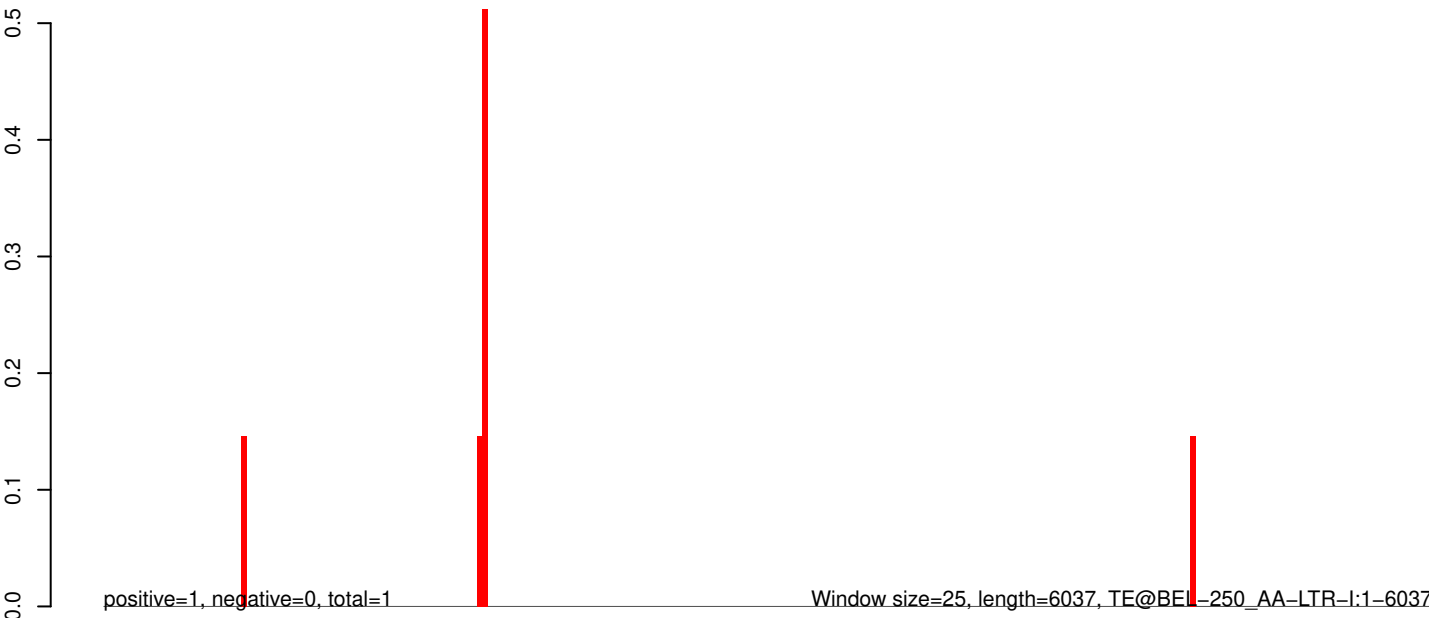
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



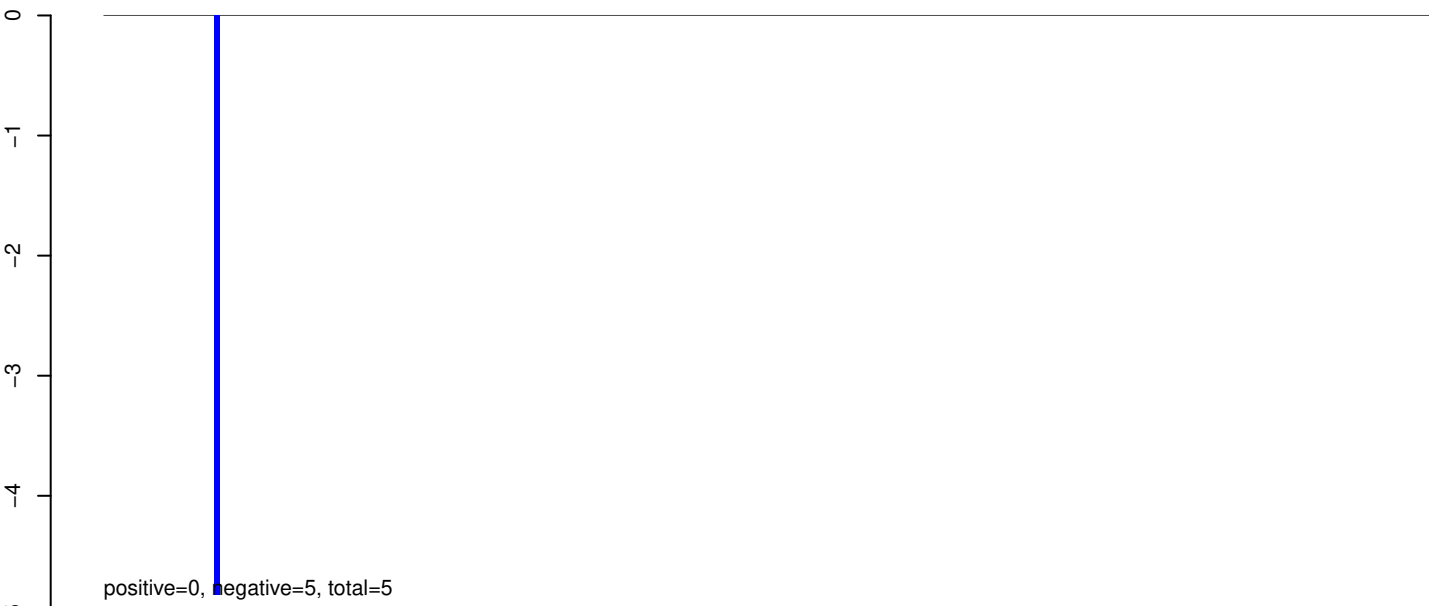
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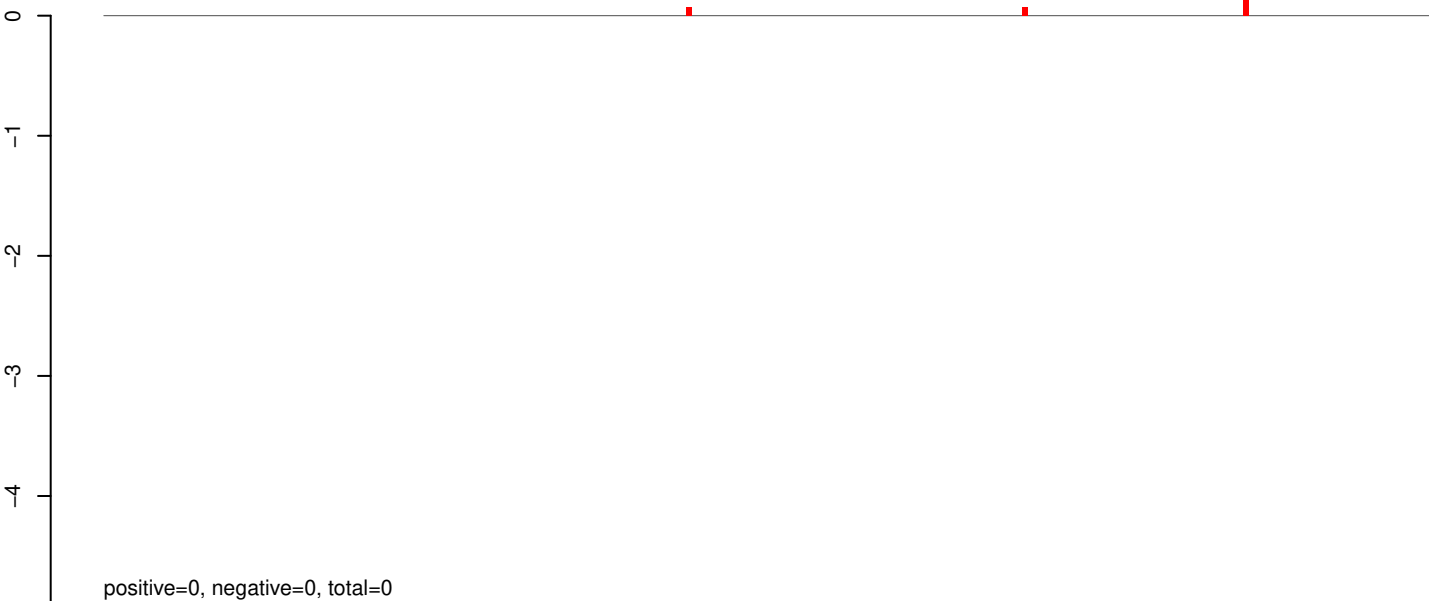
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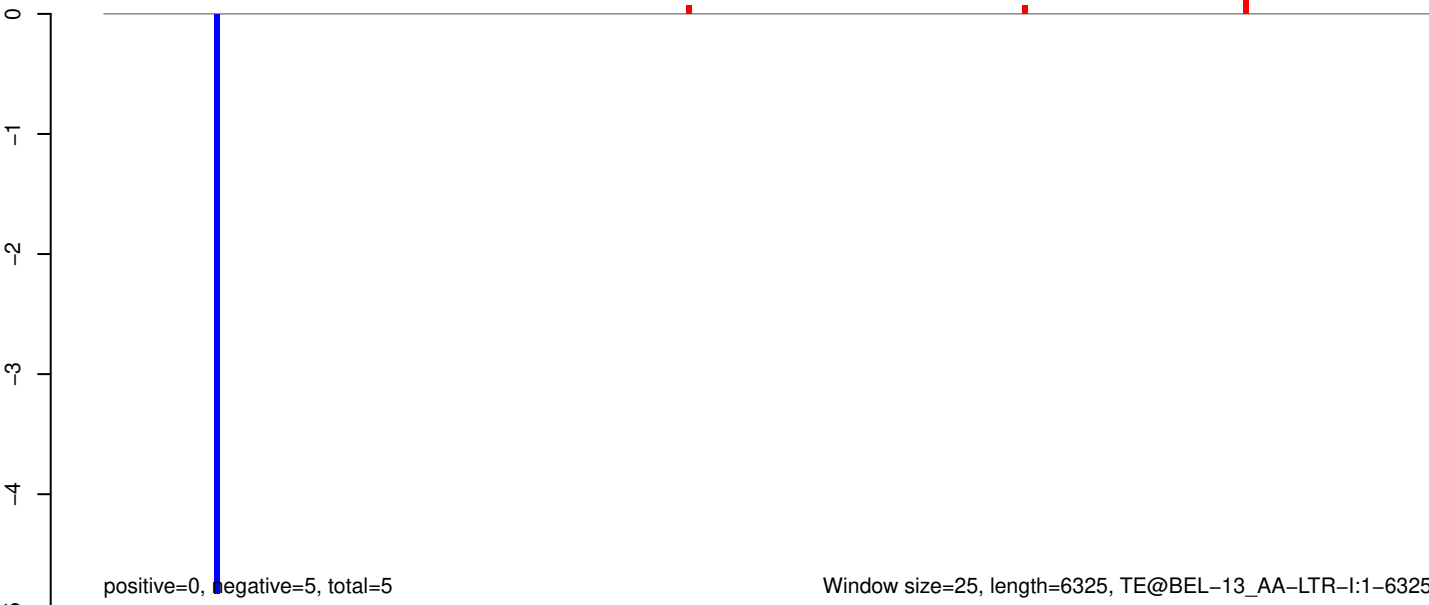
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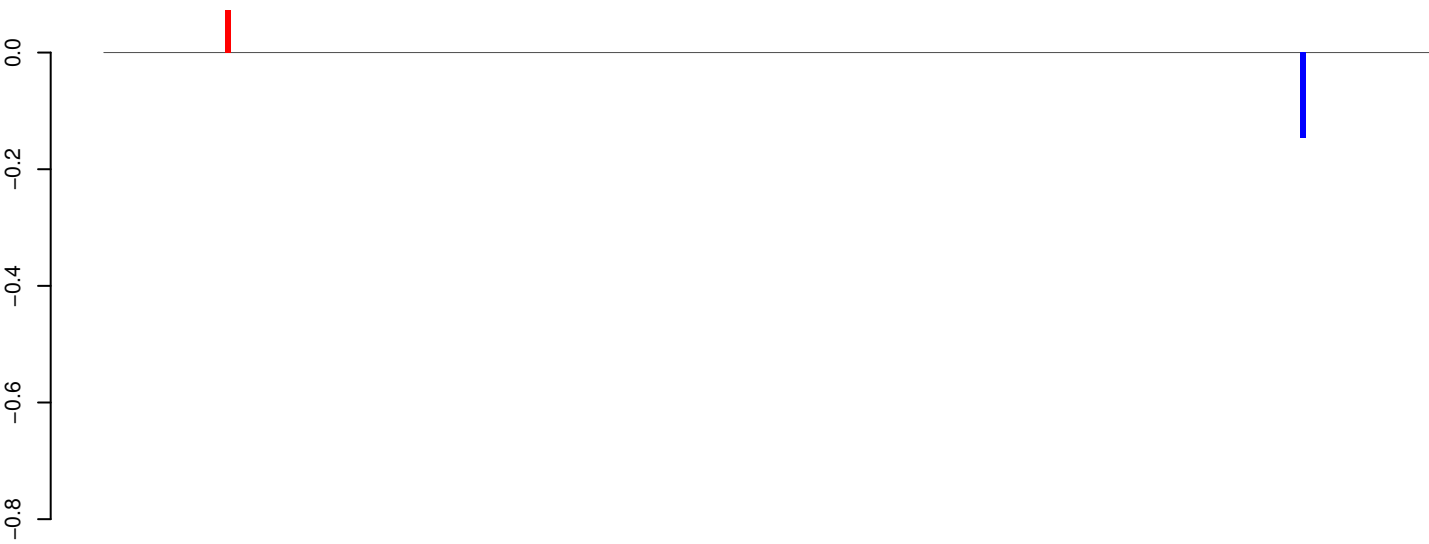
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

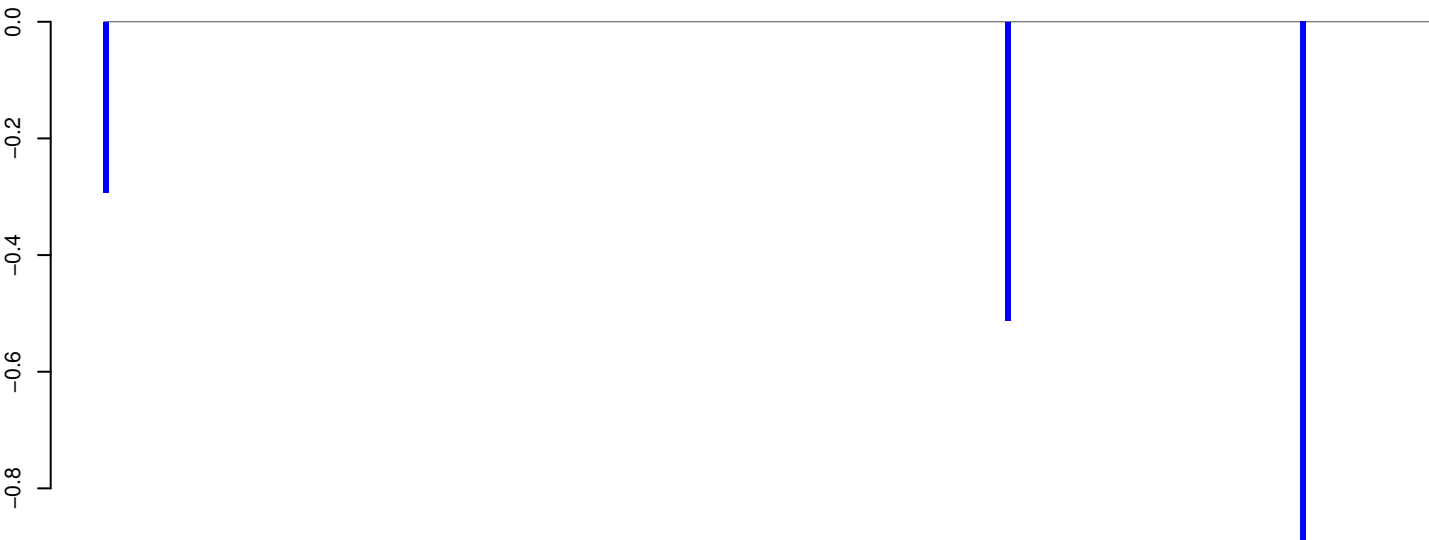


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



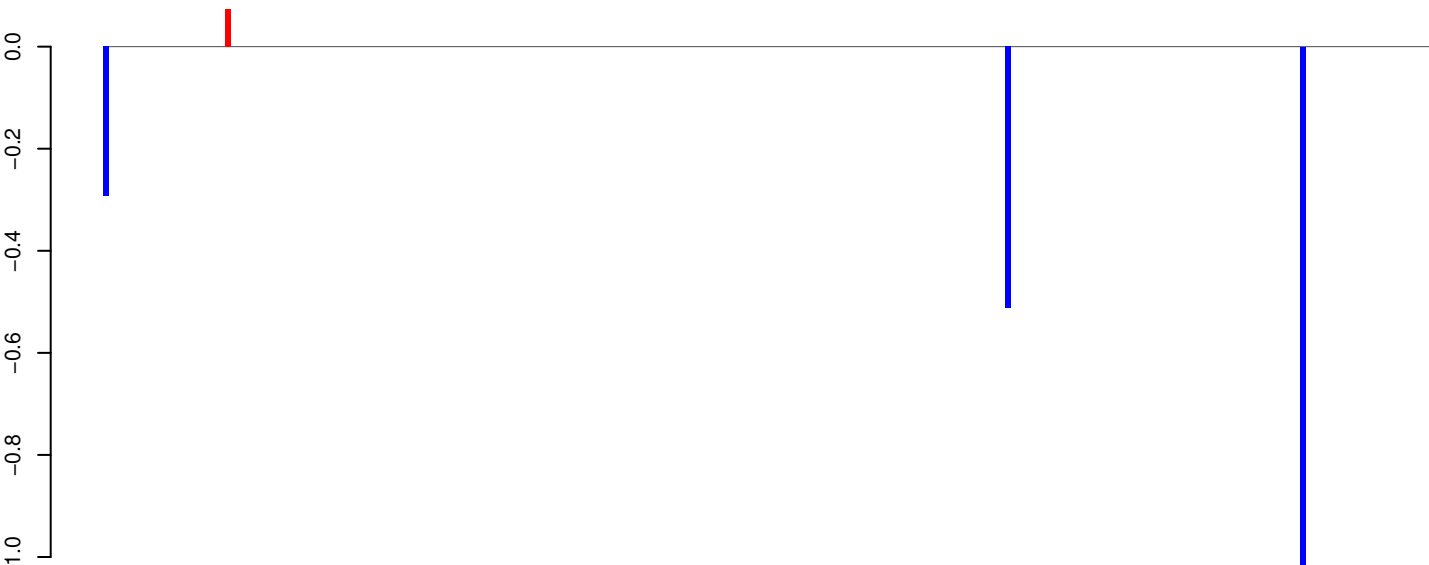
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=2, total=2

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

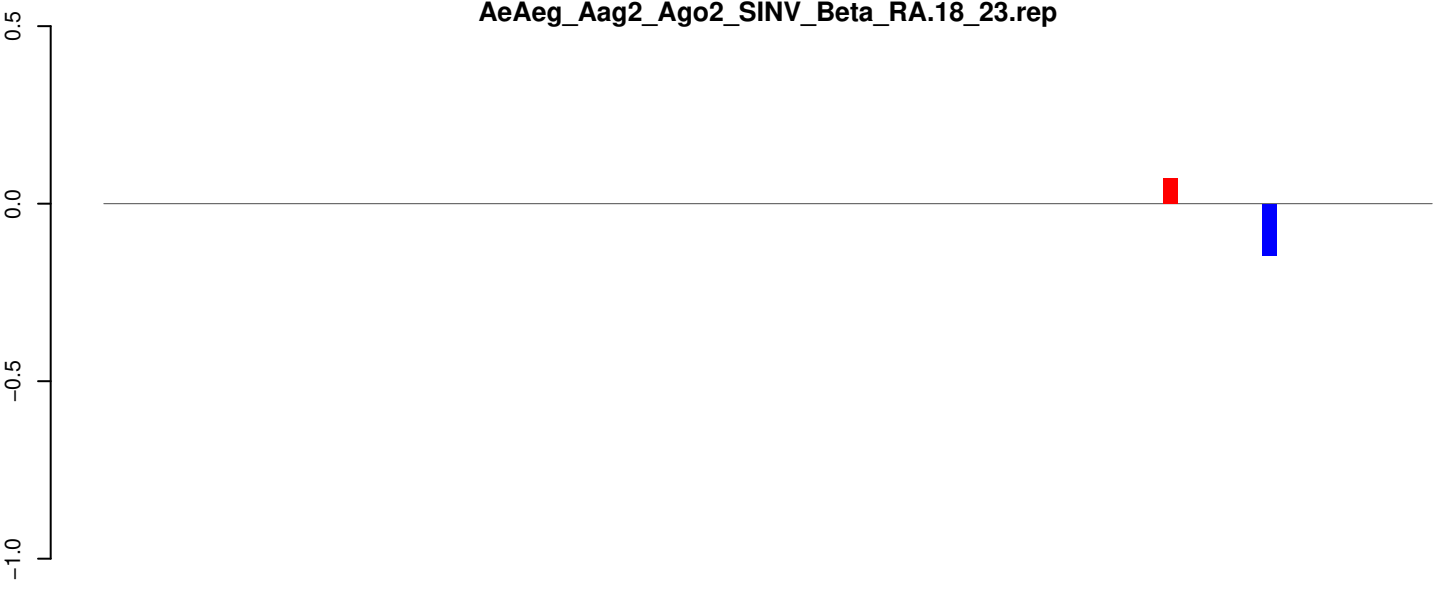


positive=0, negative=2, total=2

Window size=25, length=6291, TE@BEL-123\_AA-LTR-I:1-6291

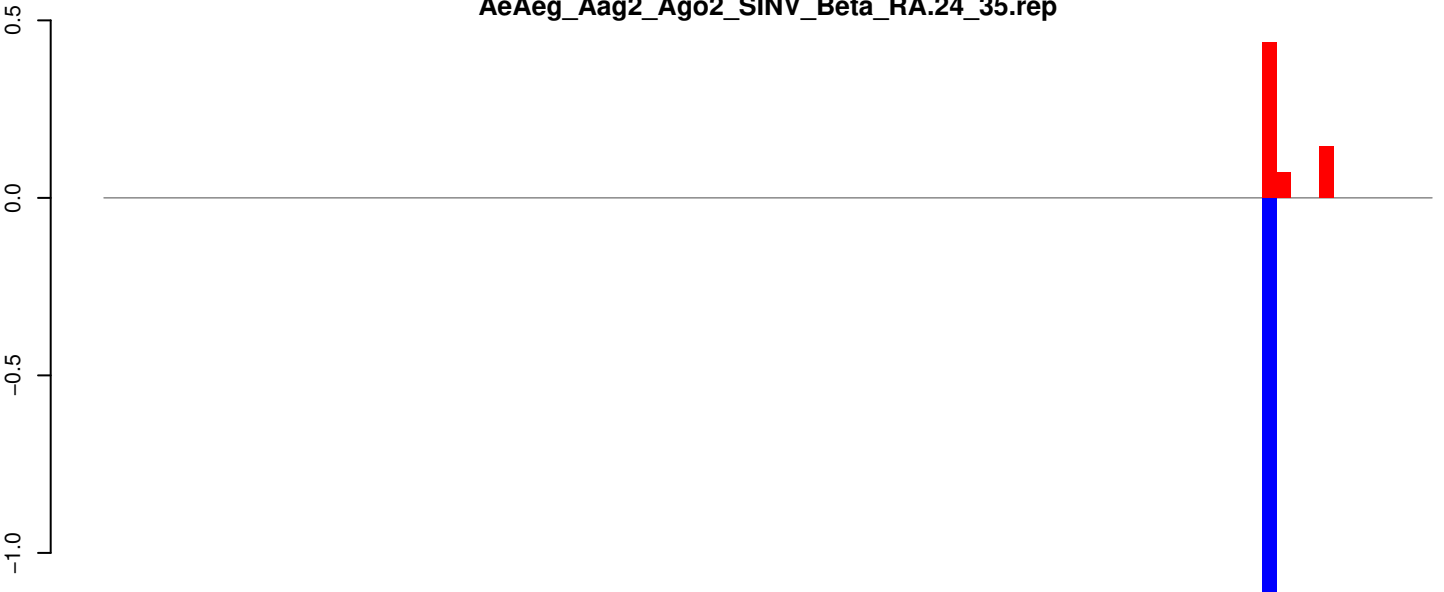
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



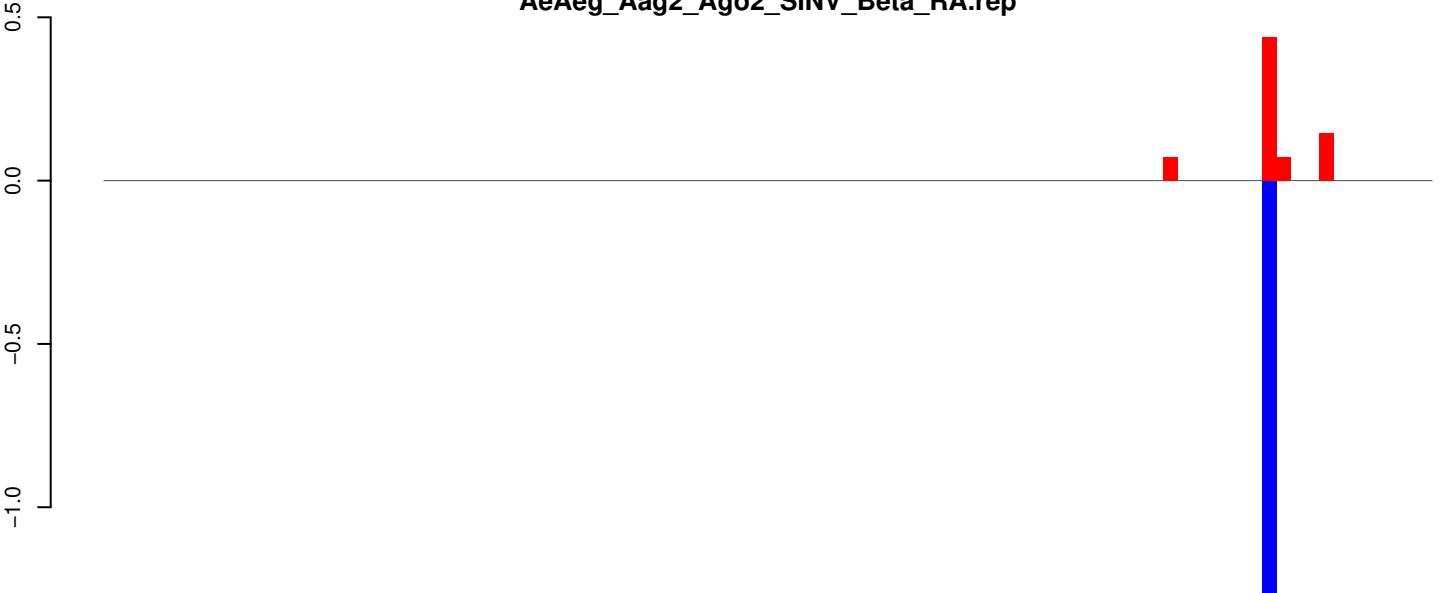
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



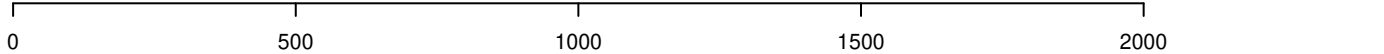
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

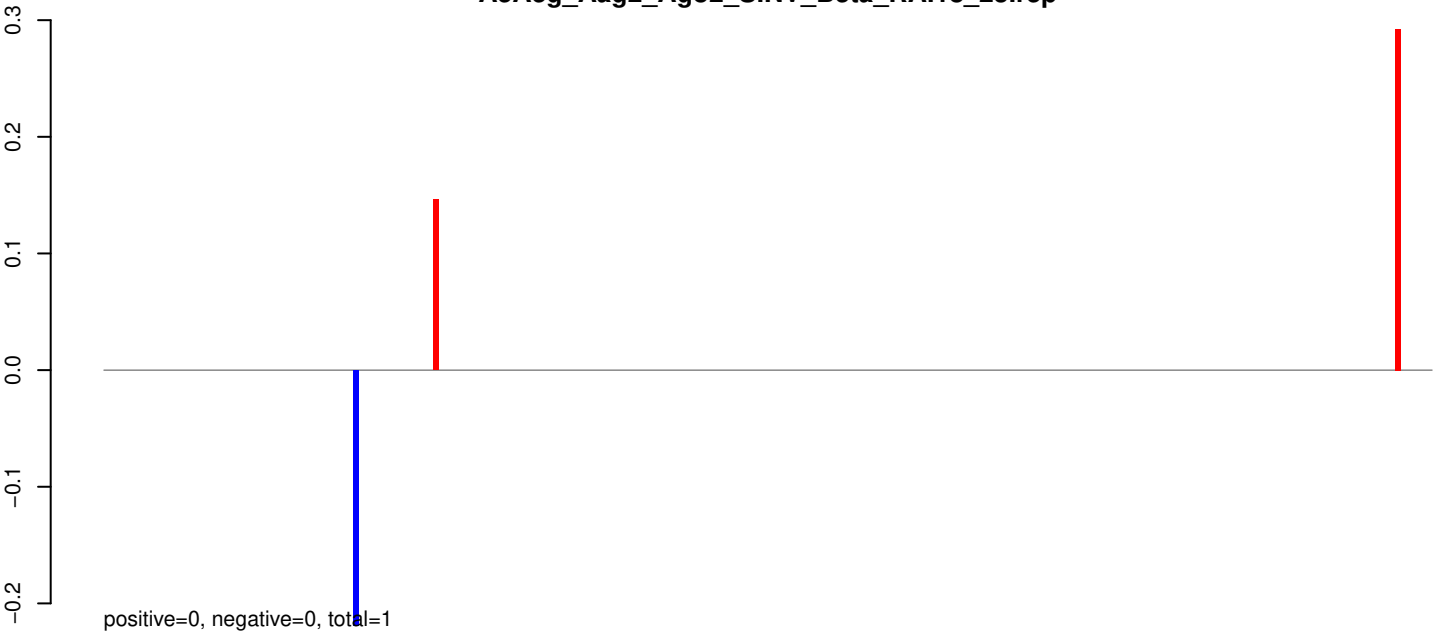


positive=1, negative=1, total=2

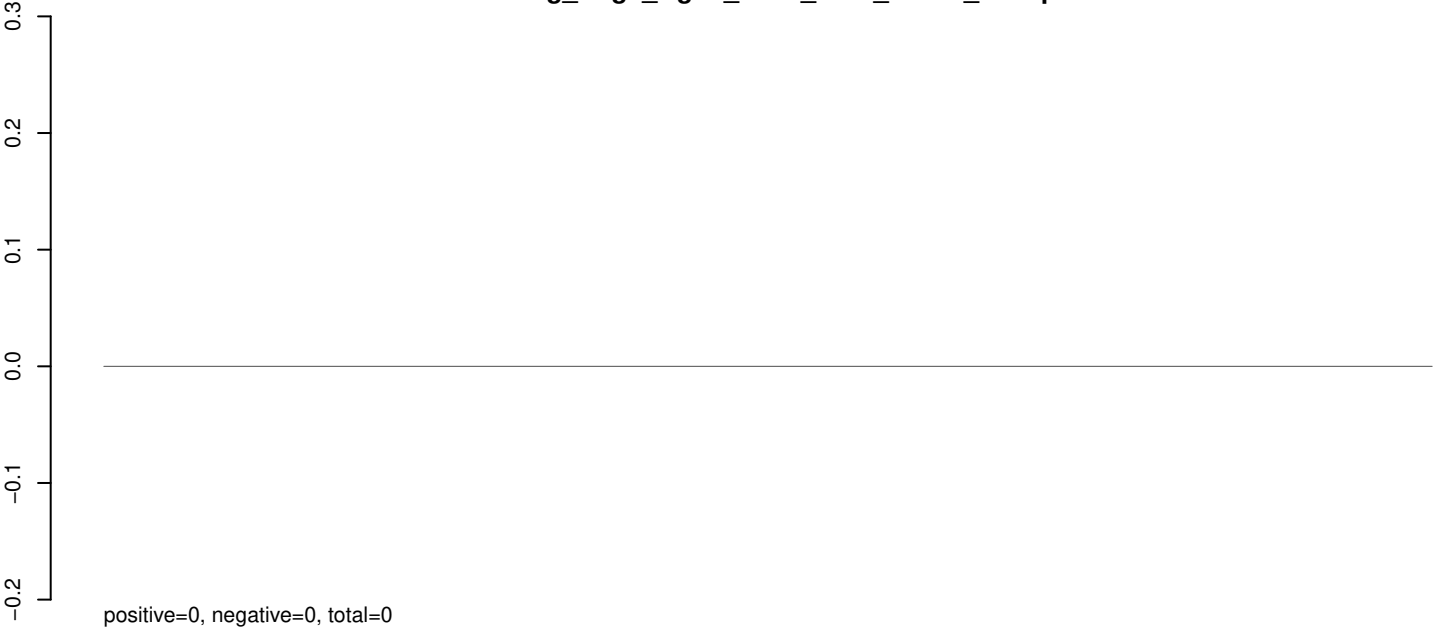
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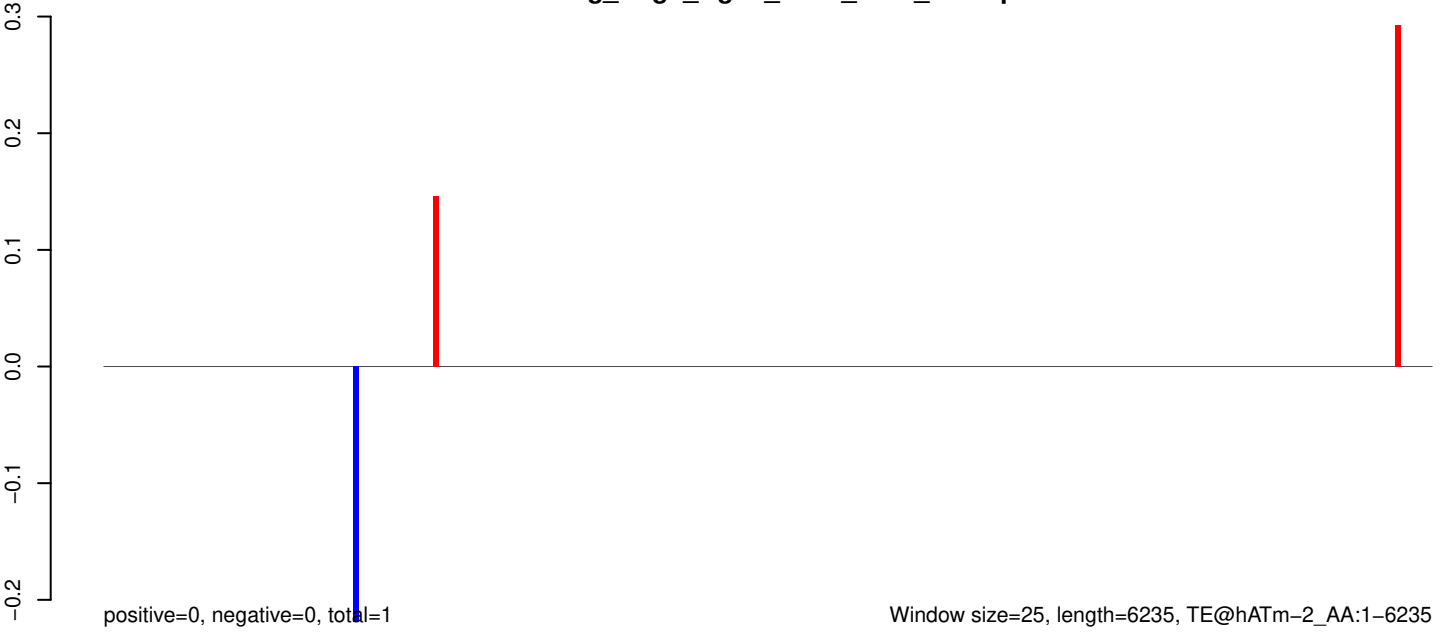
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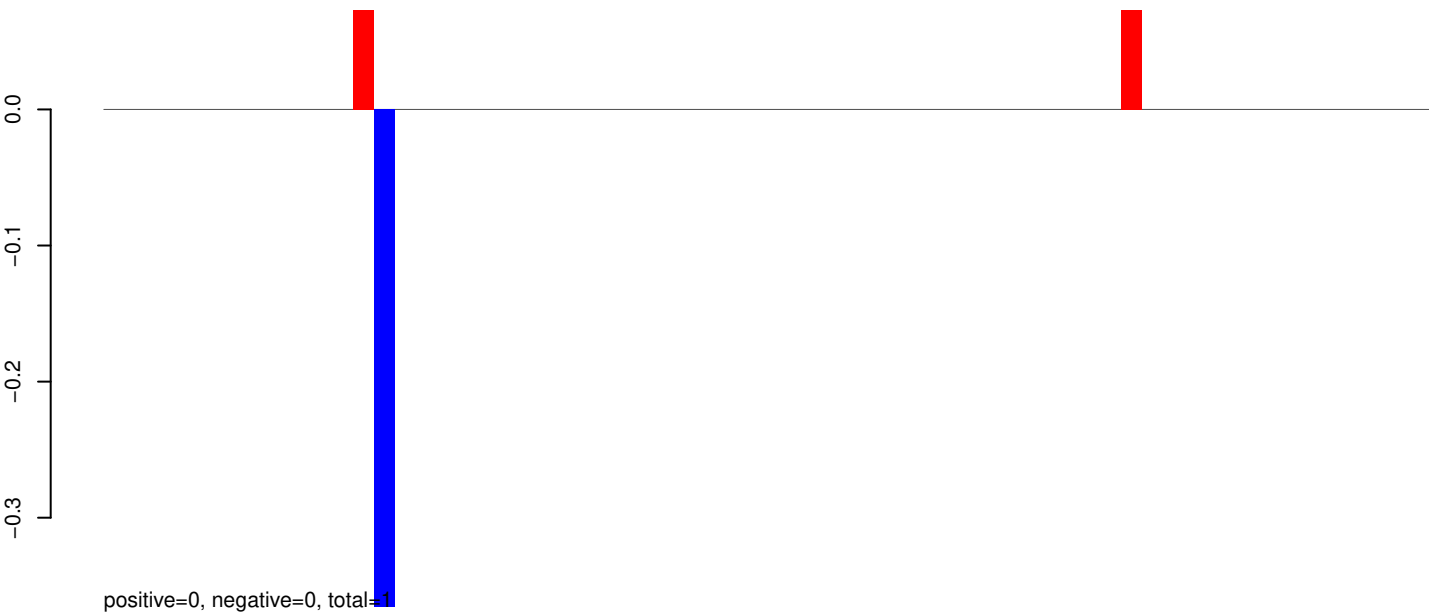
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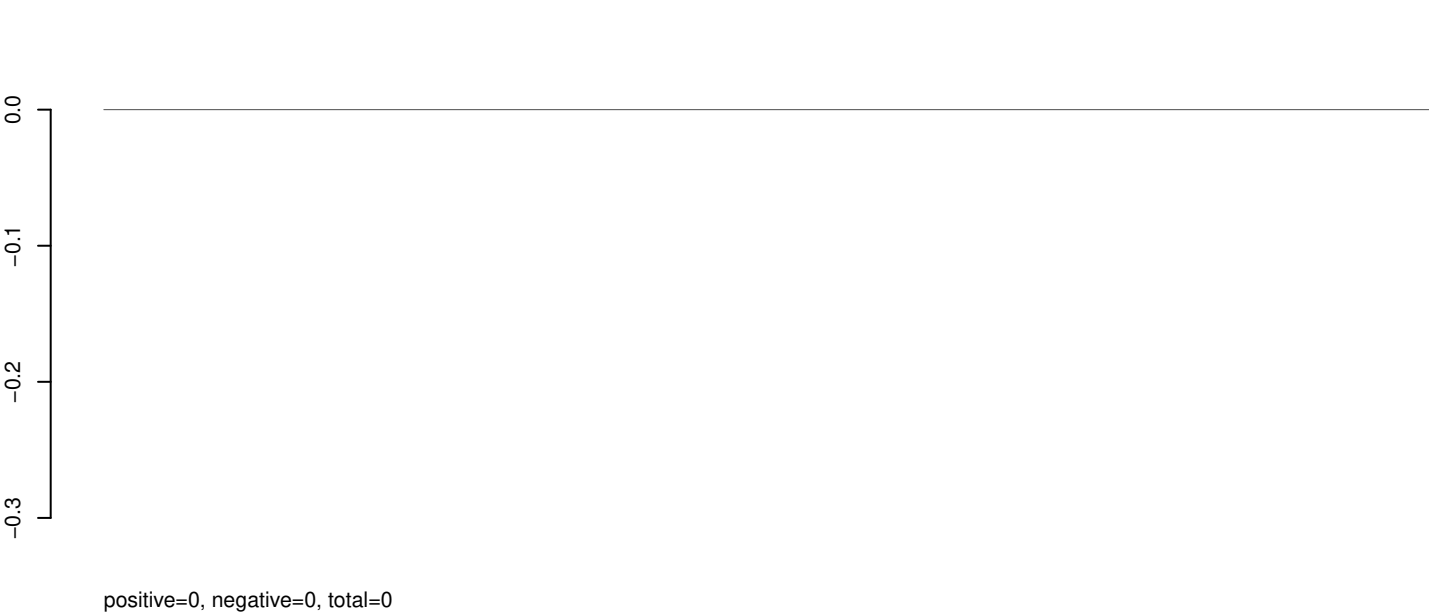
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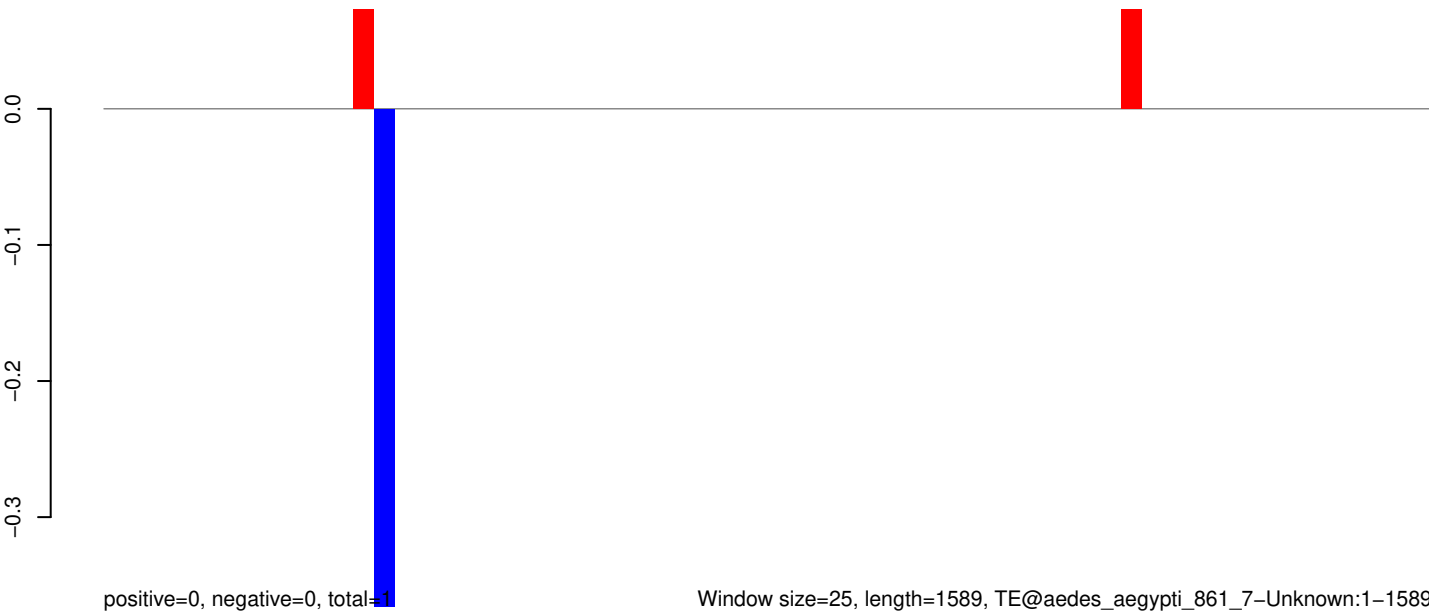
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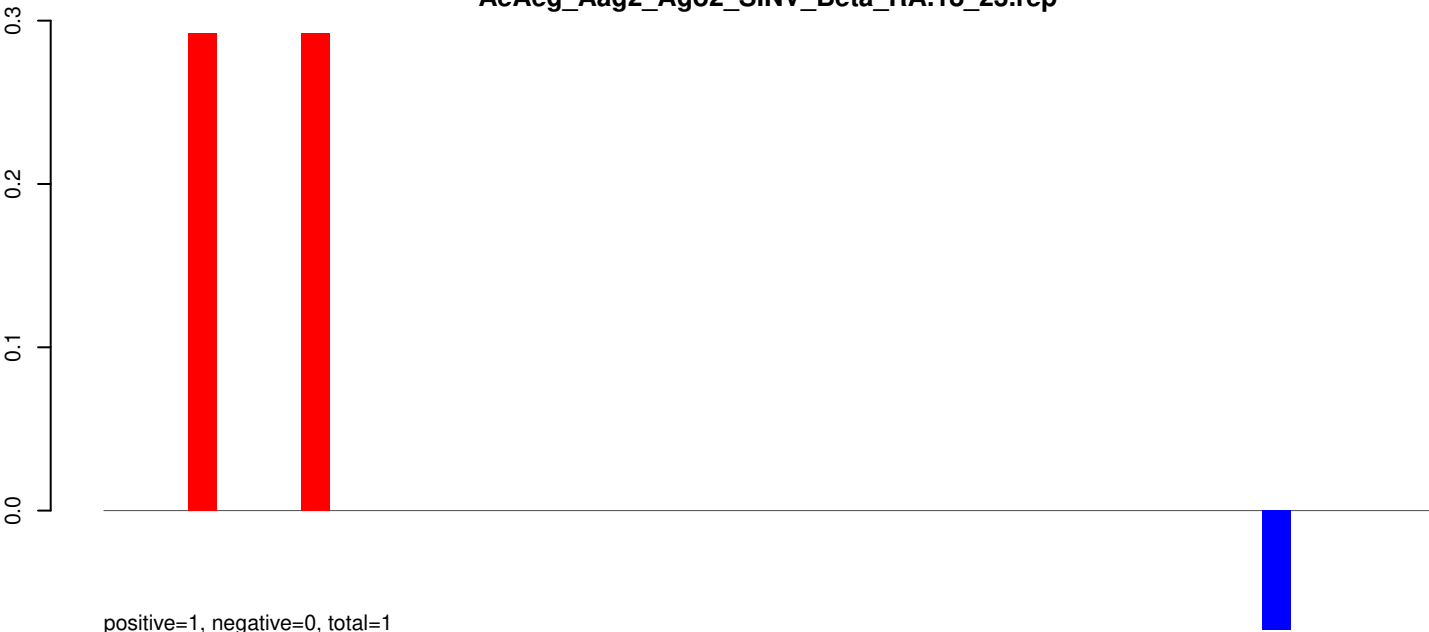
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

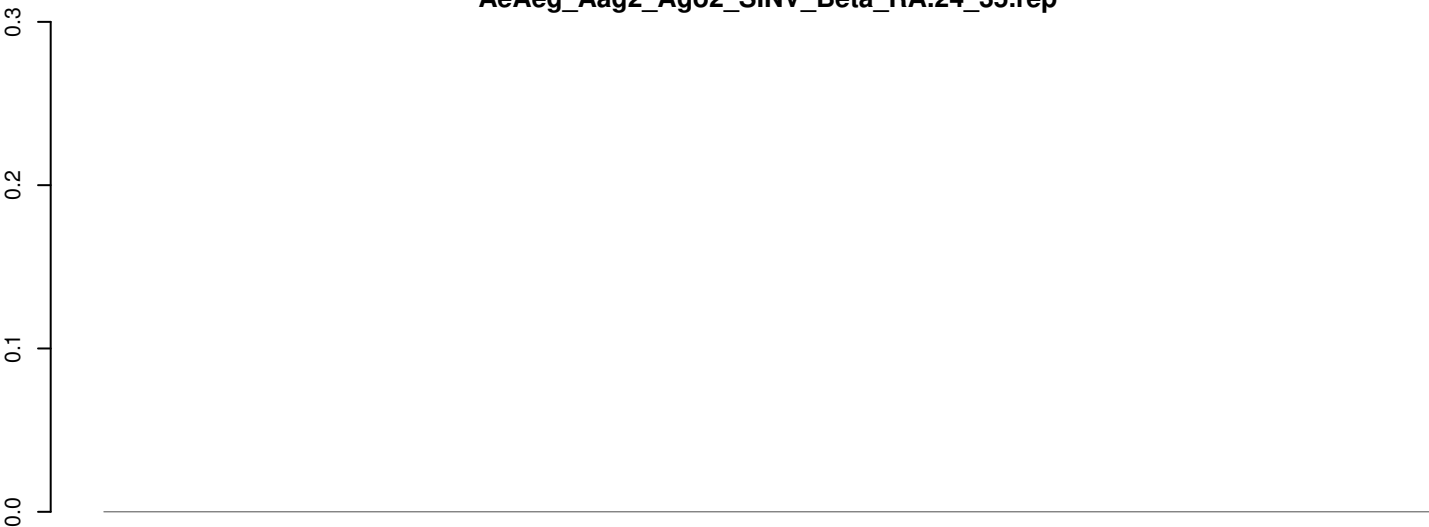


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



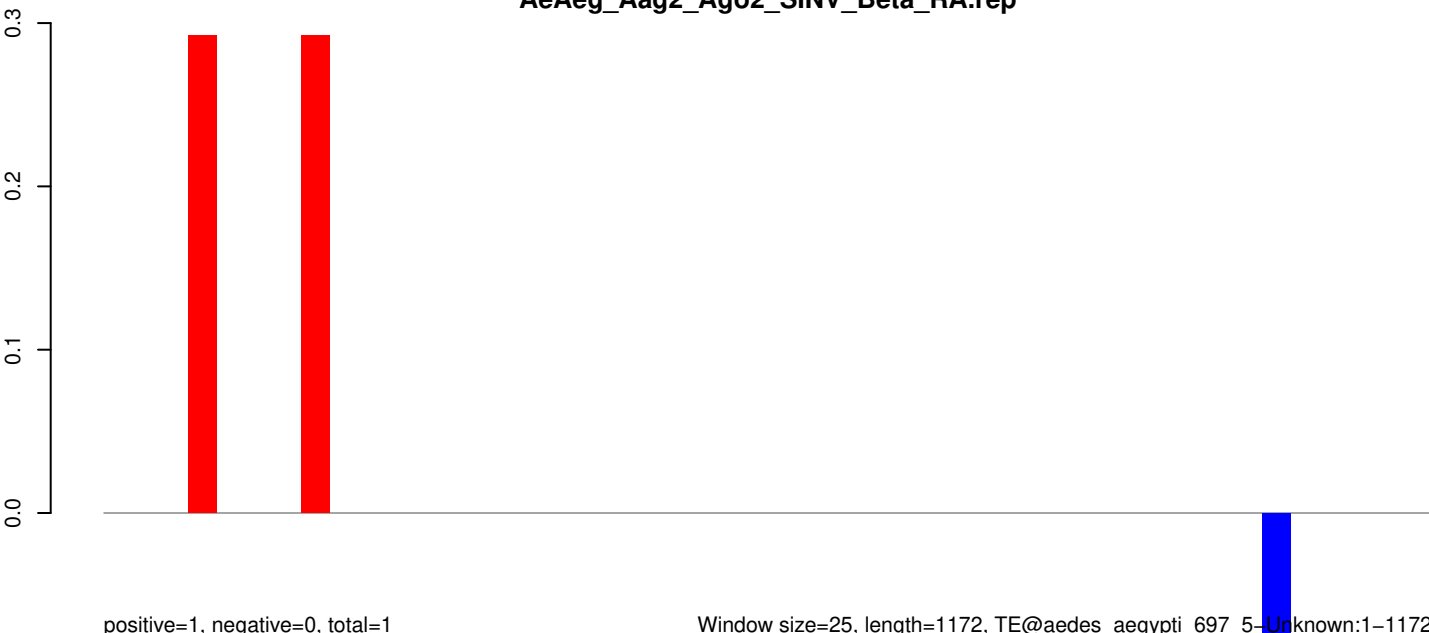
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

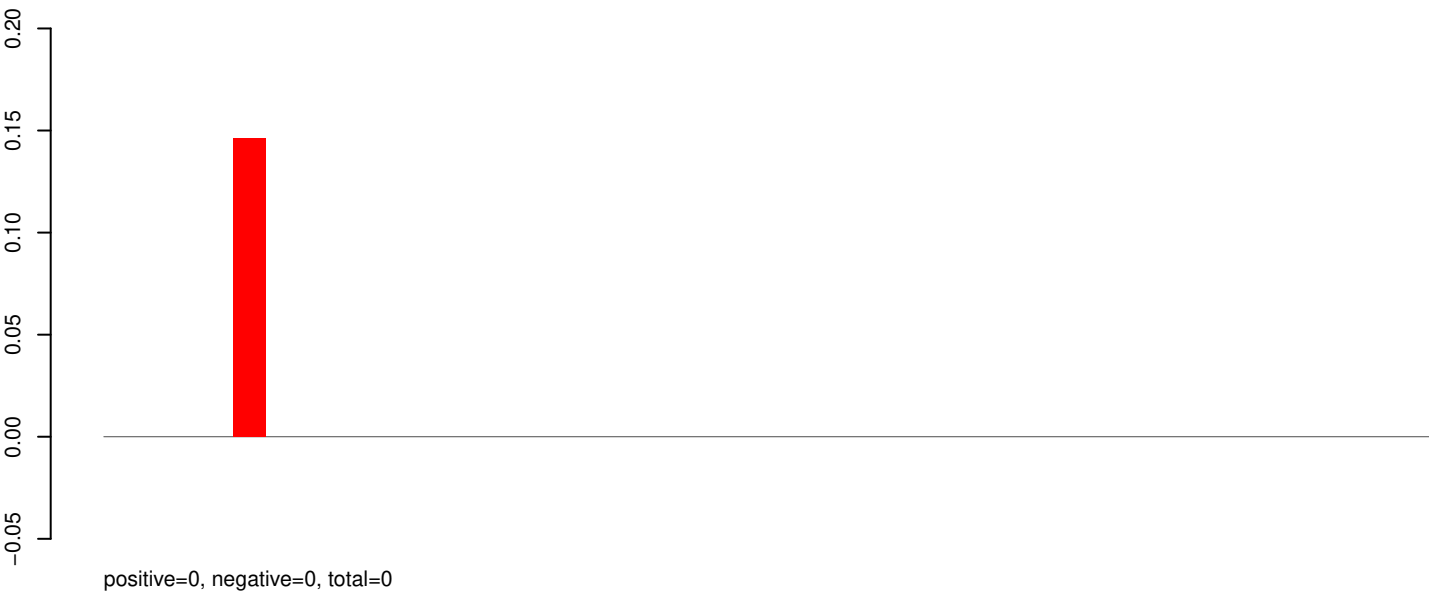


positive=1, negative=0, total=1

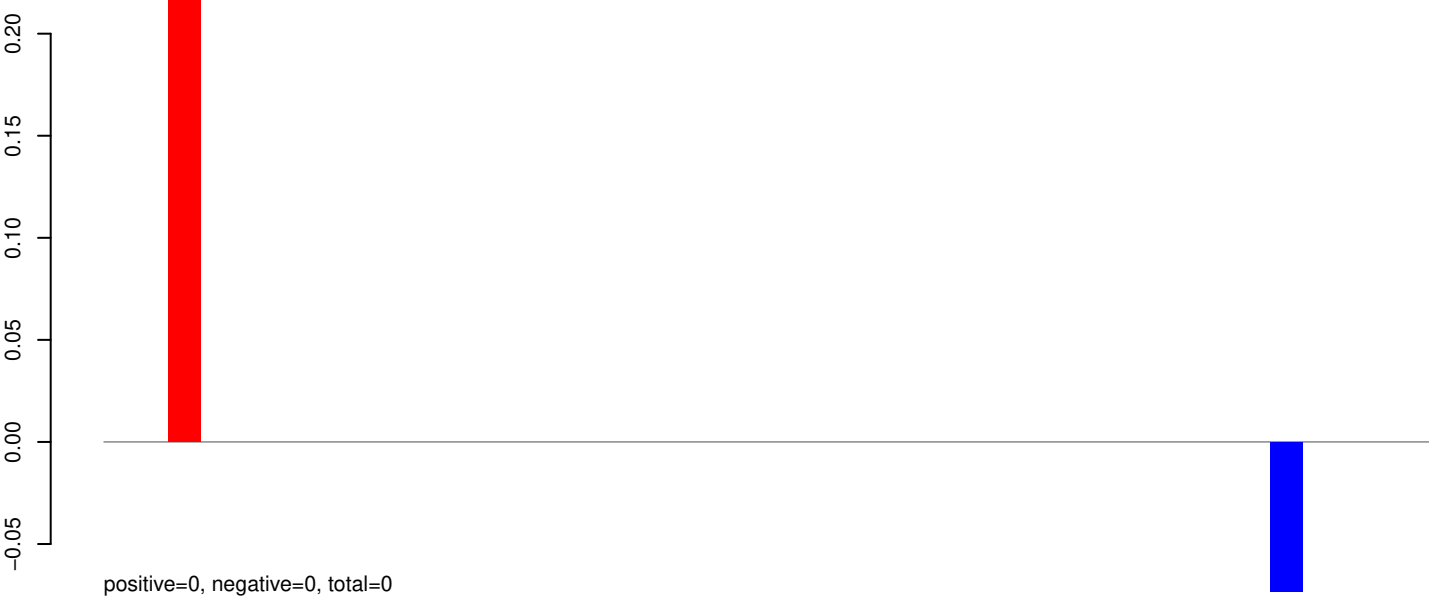
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0 200 400 600 800 1000 1200

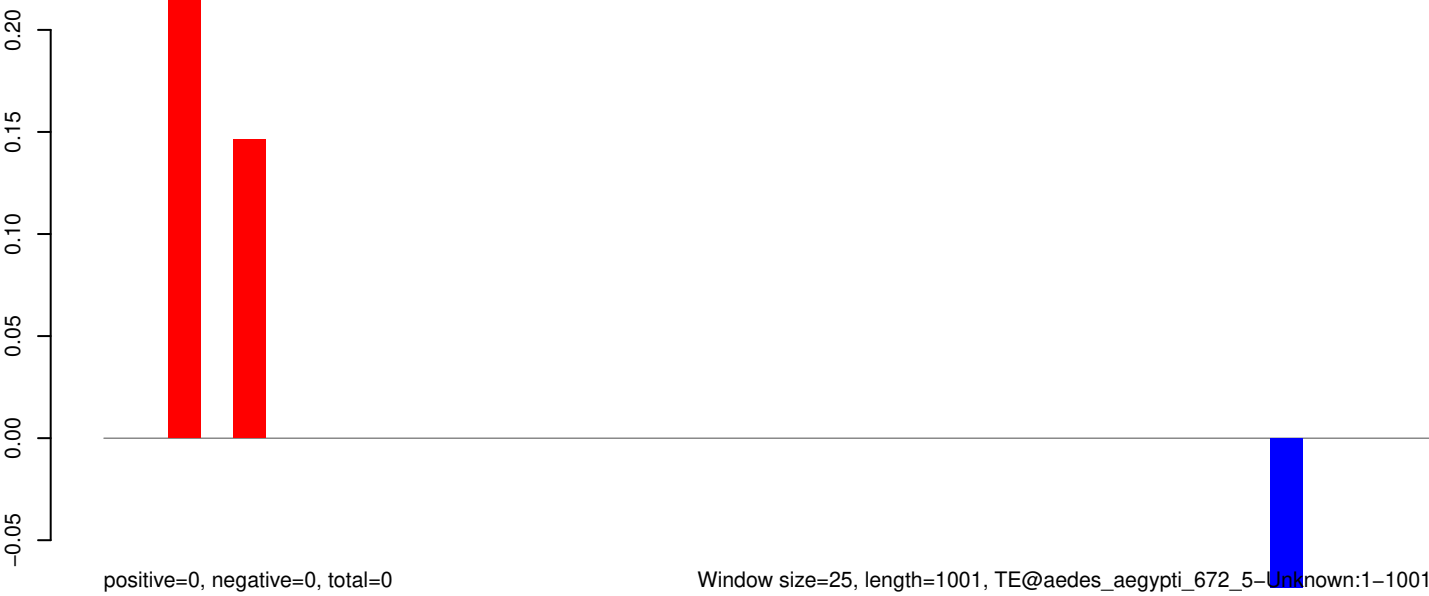
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



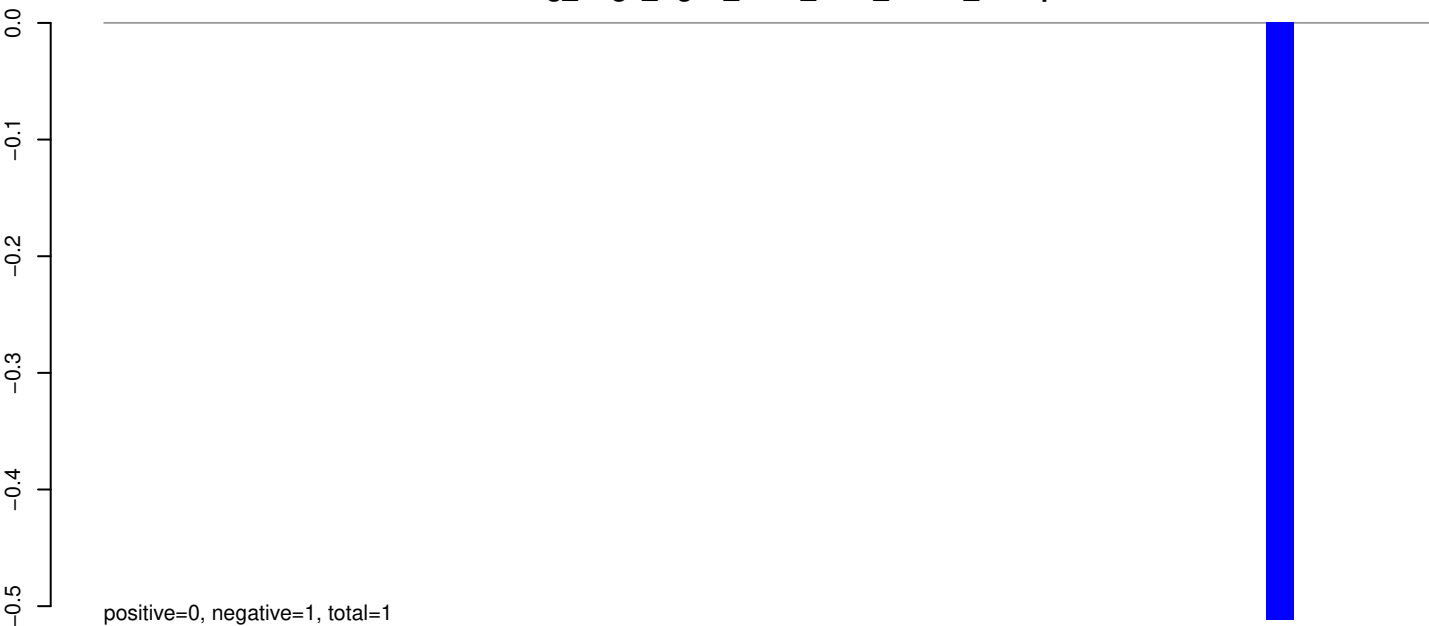
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



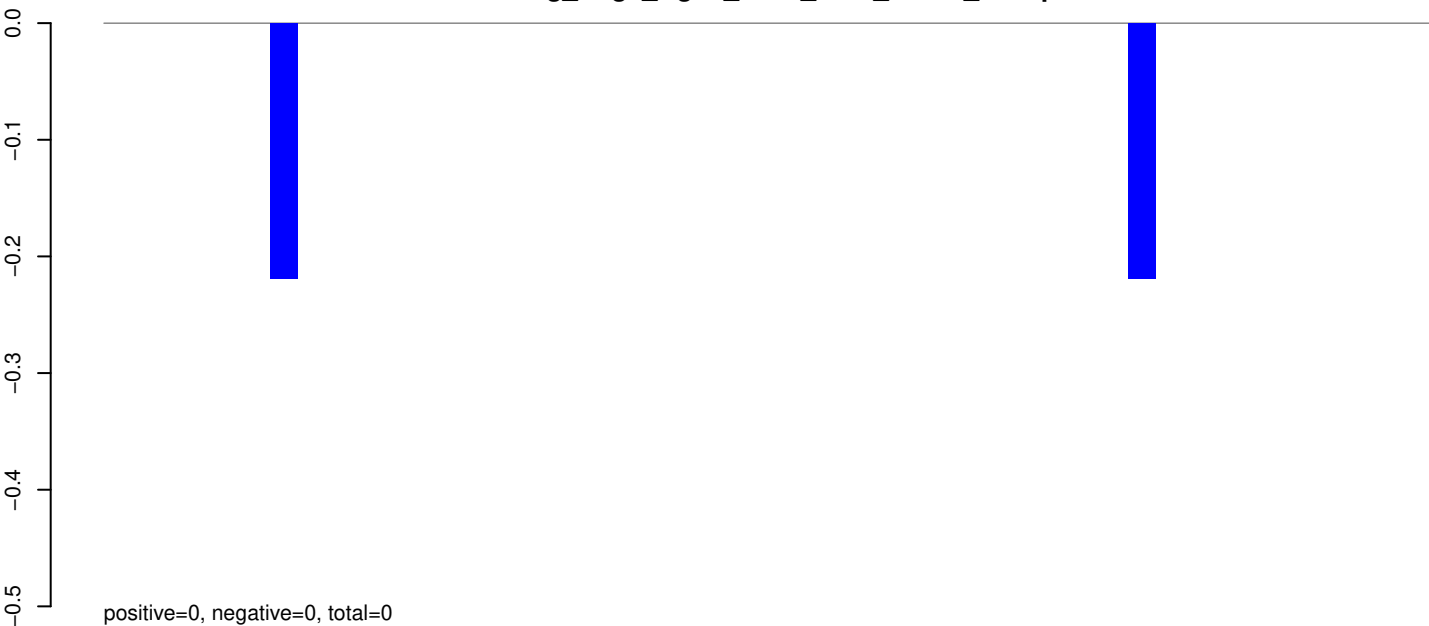
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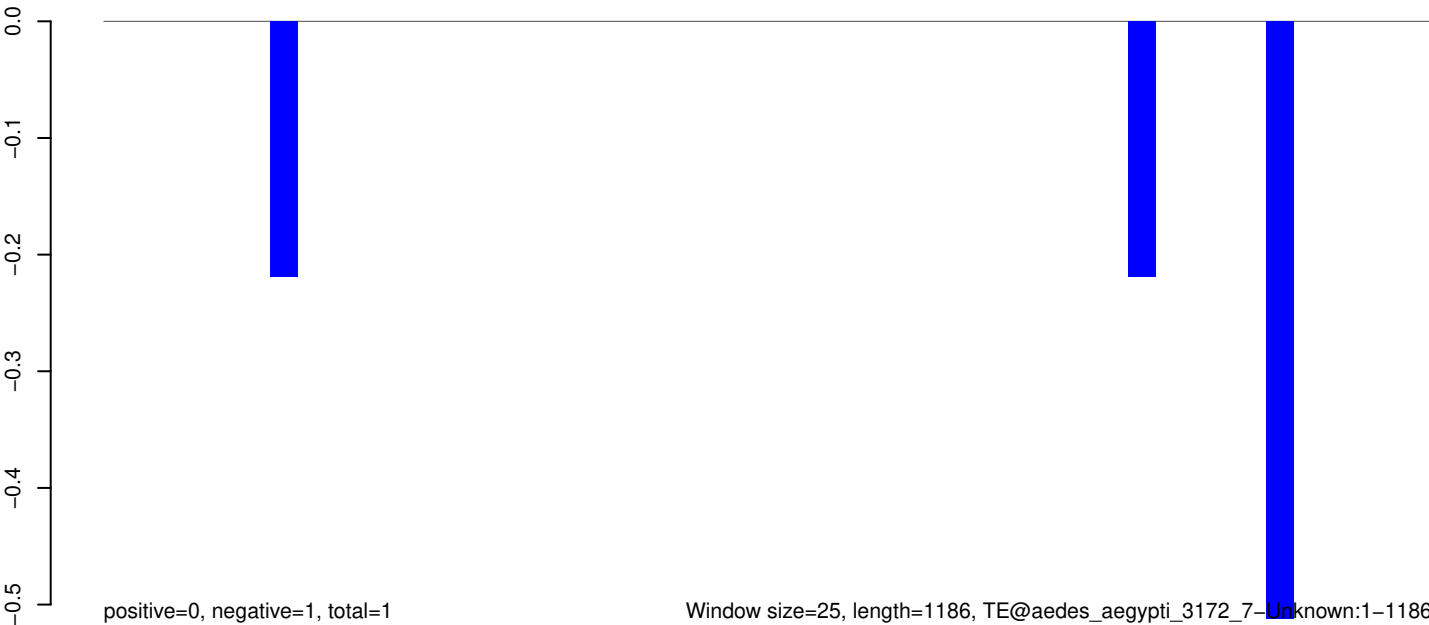
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=1186, TE@aedes\_aegypti\_3172\_7-Unknown:1-1186



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep

0.0  
-0.2  
-0.4  
-0.6

positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

0.0  
-0.2  
-0.4  
-0.6

positive=0, negative=1, total=1

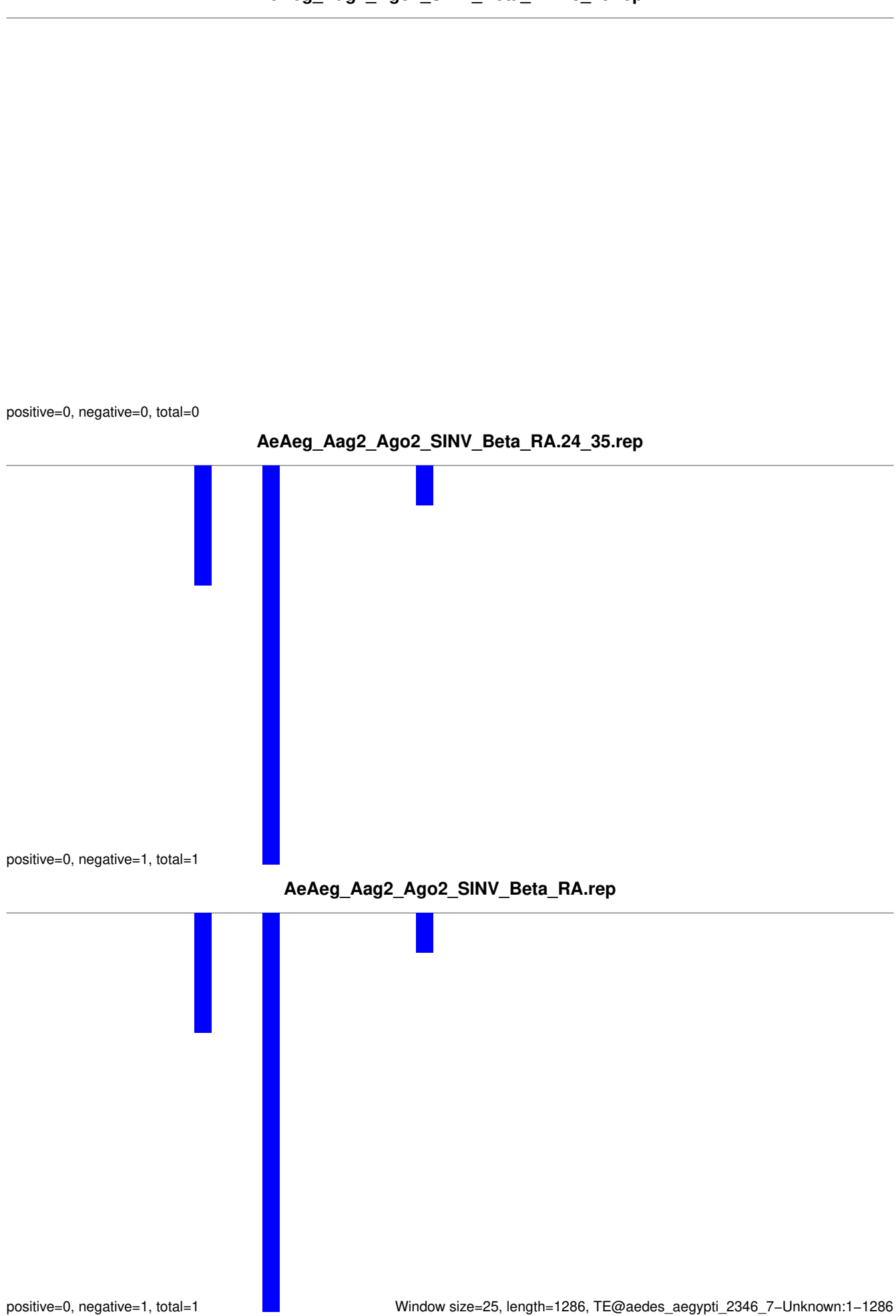
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

0.0  
-0.2  
-0.4  
-0.6

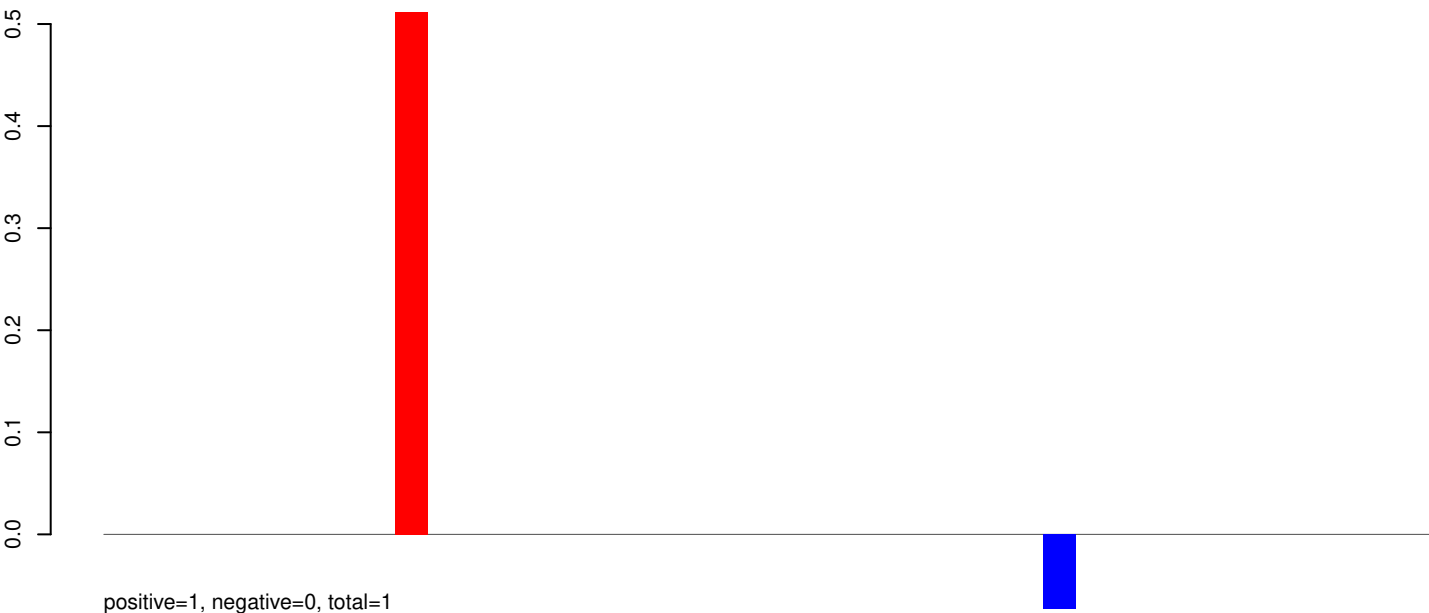
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Window size=25, length=1286, TE@aedes\_aegypti\_2346\_7-Unknown:1-1286

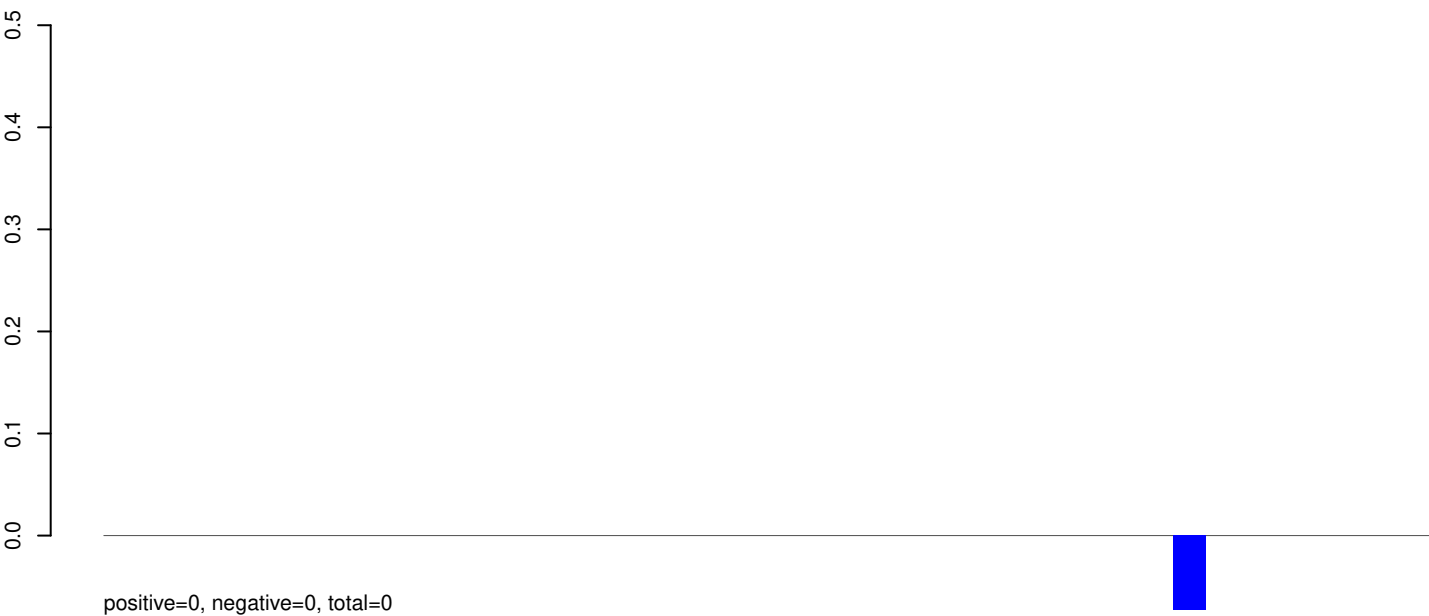
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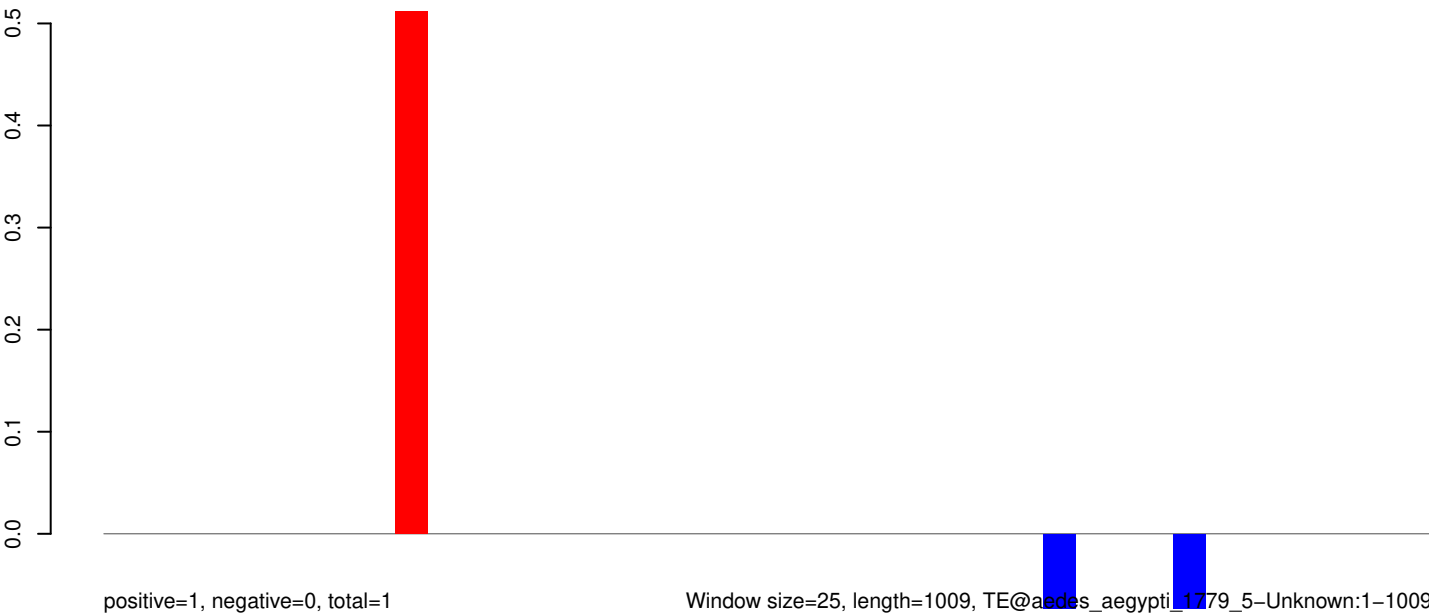
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



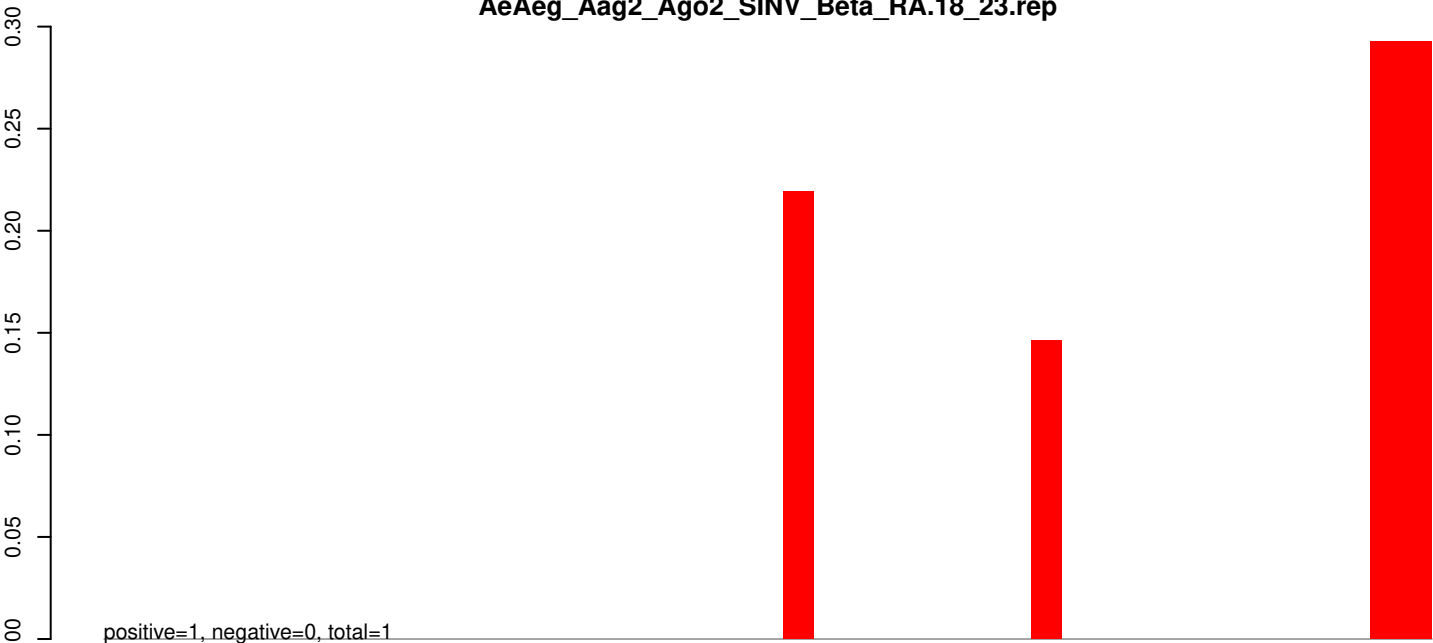
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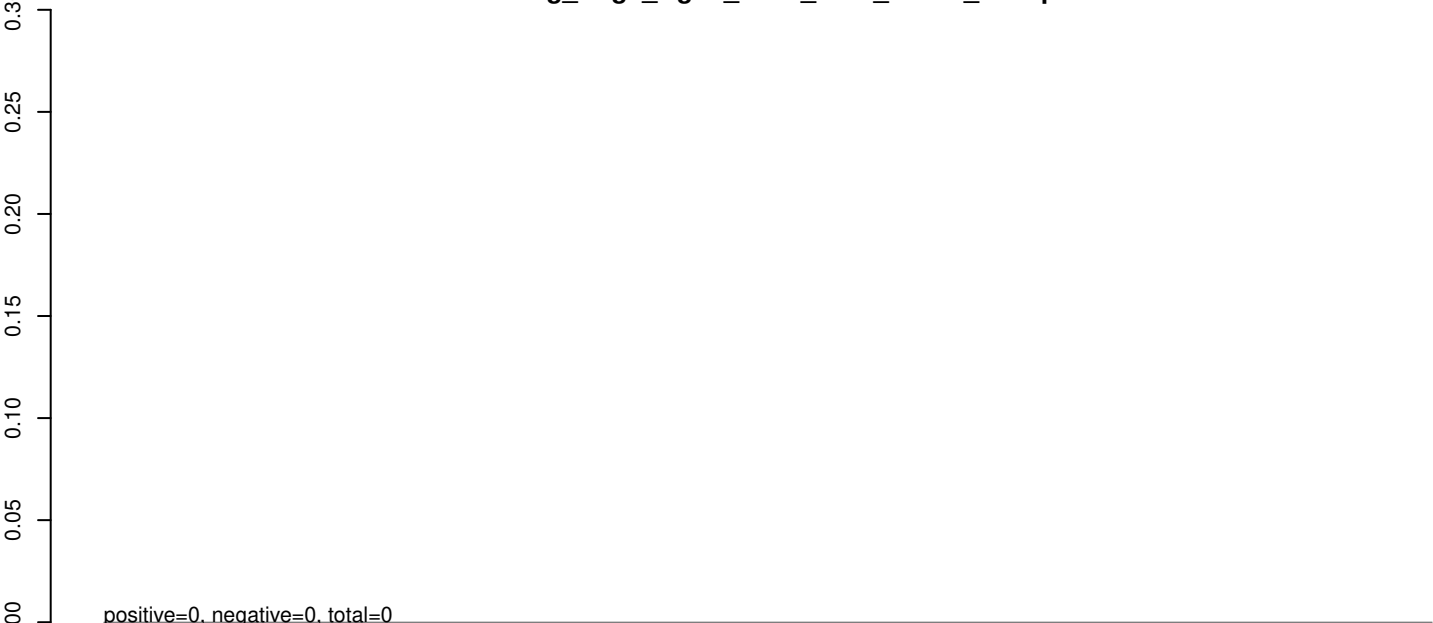
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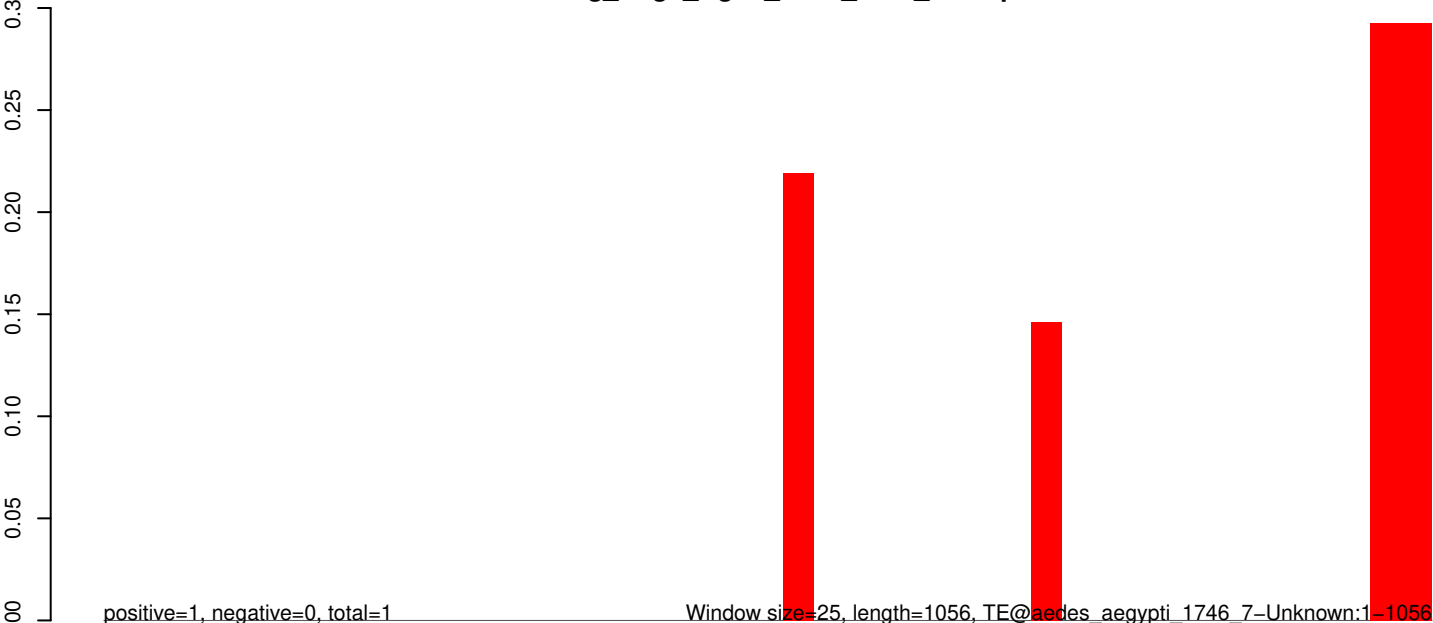
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



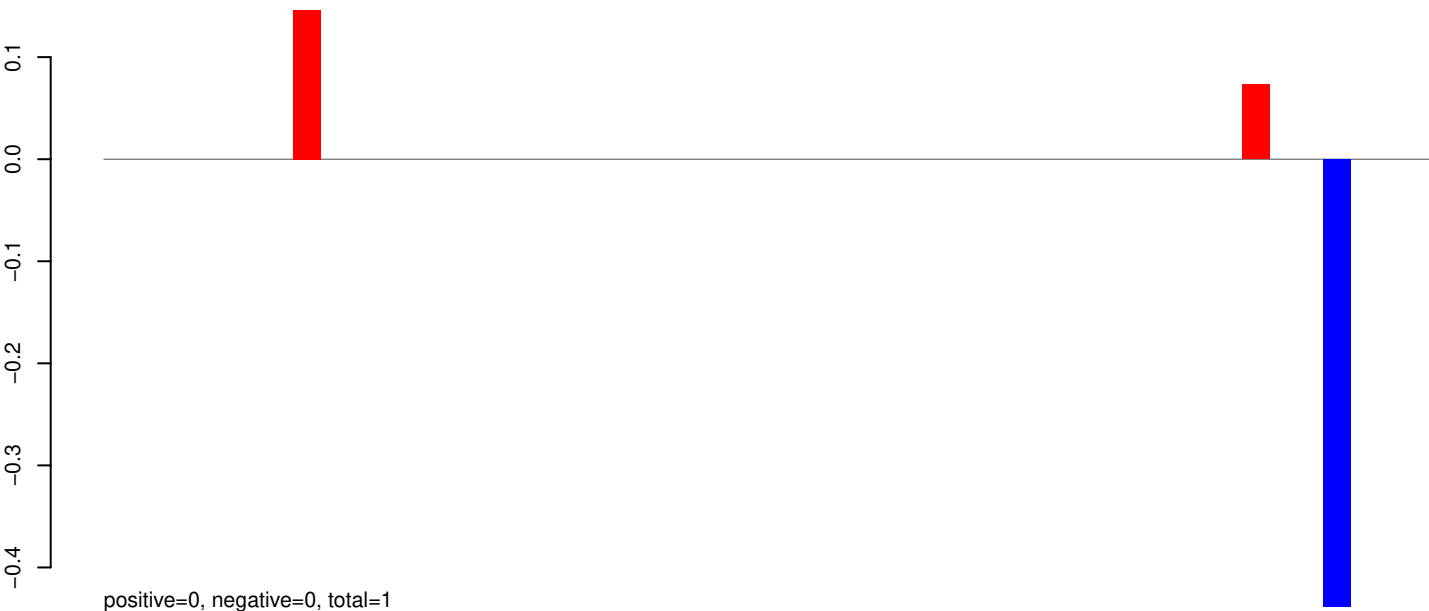
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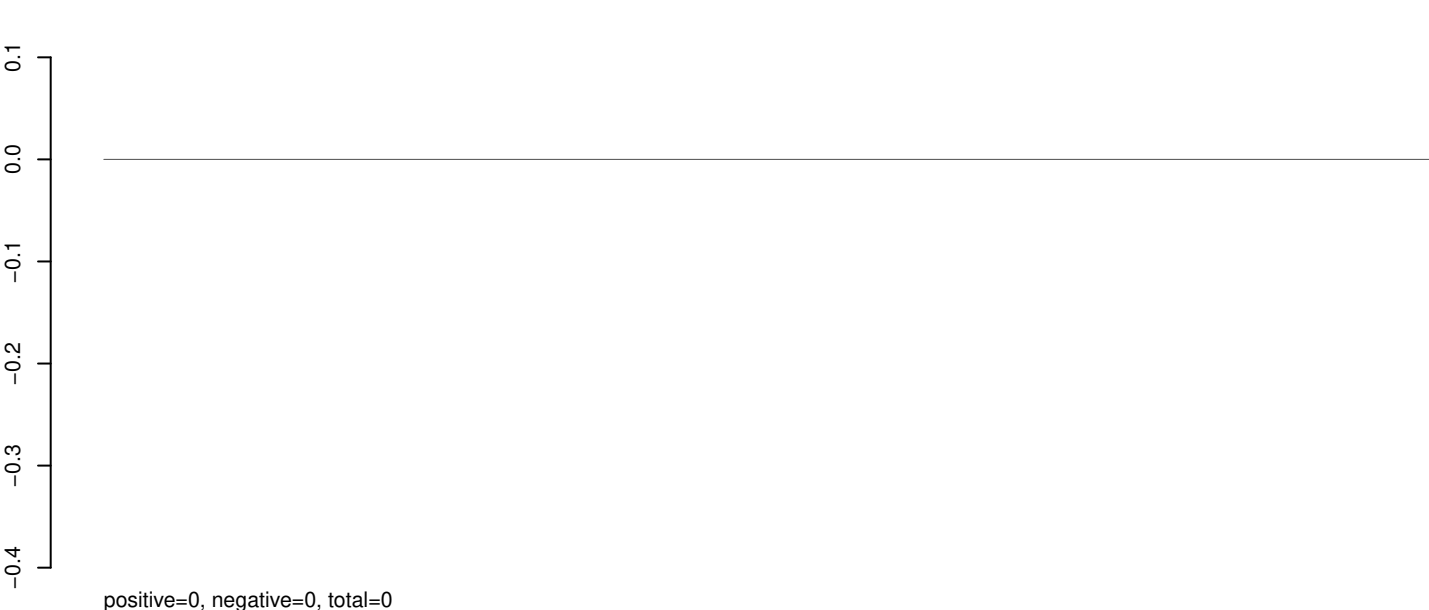
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0 200 400 600 800 1000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



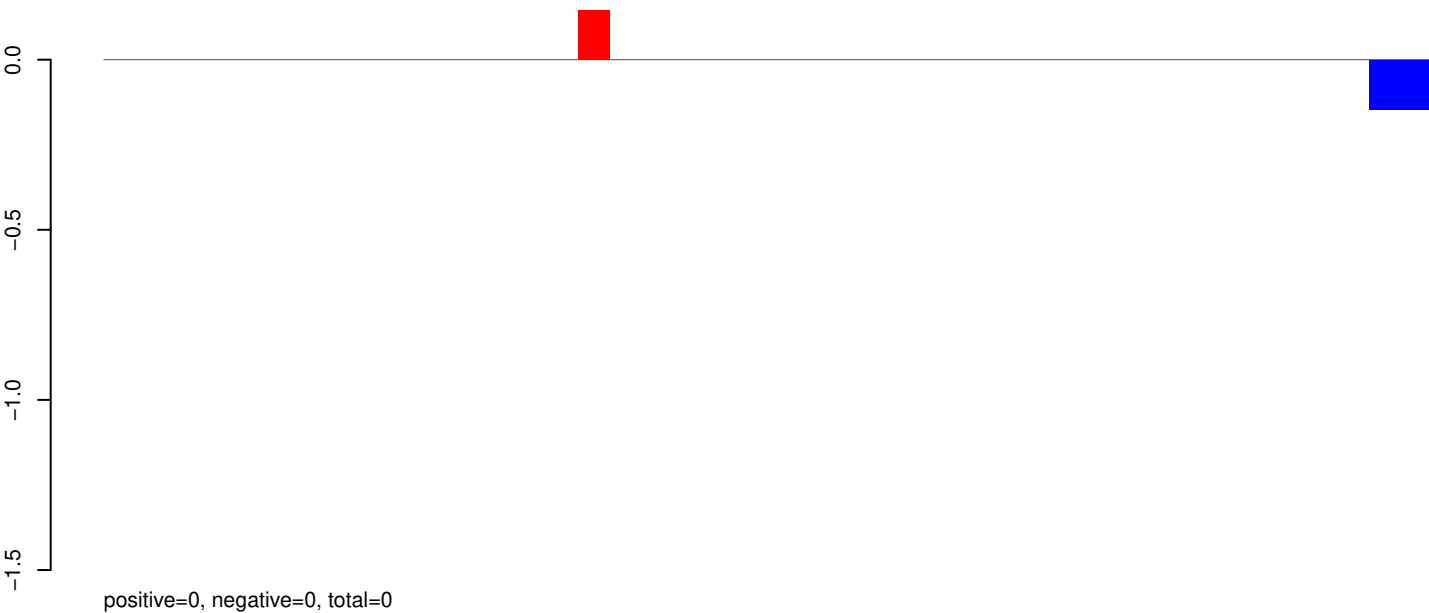
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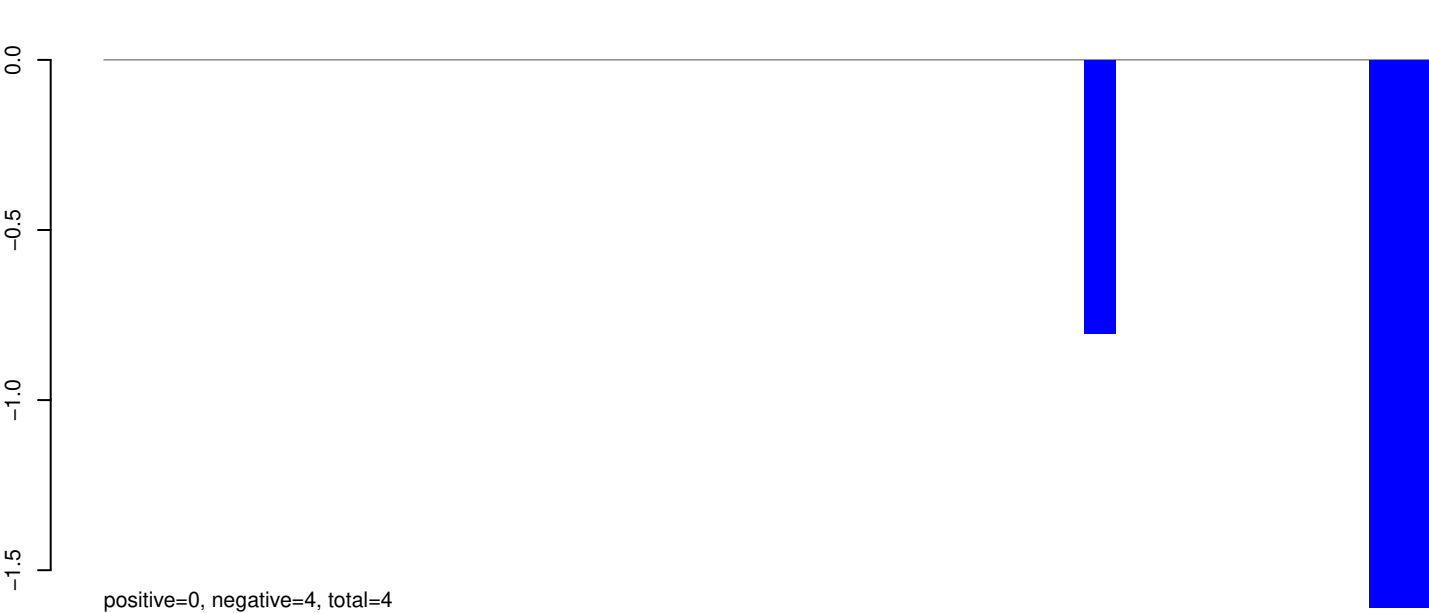
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



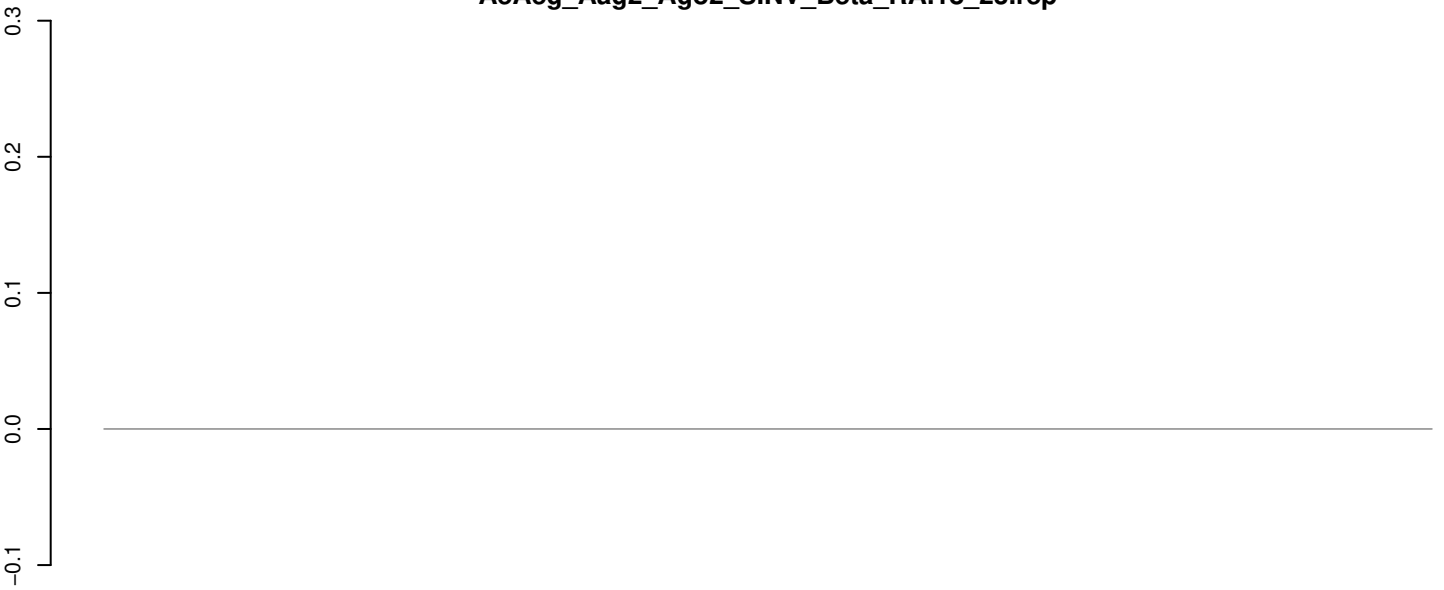
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

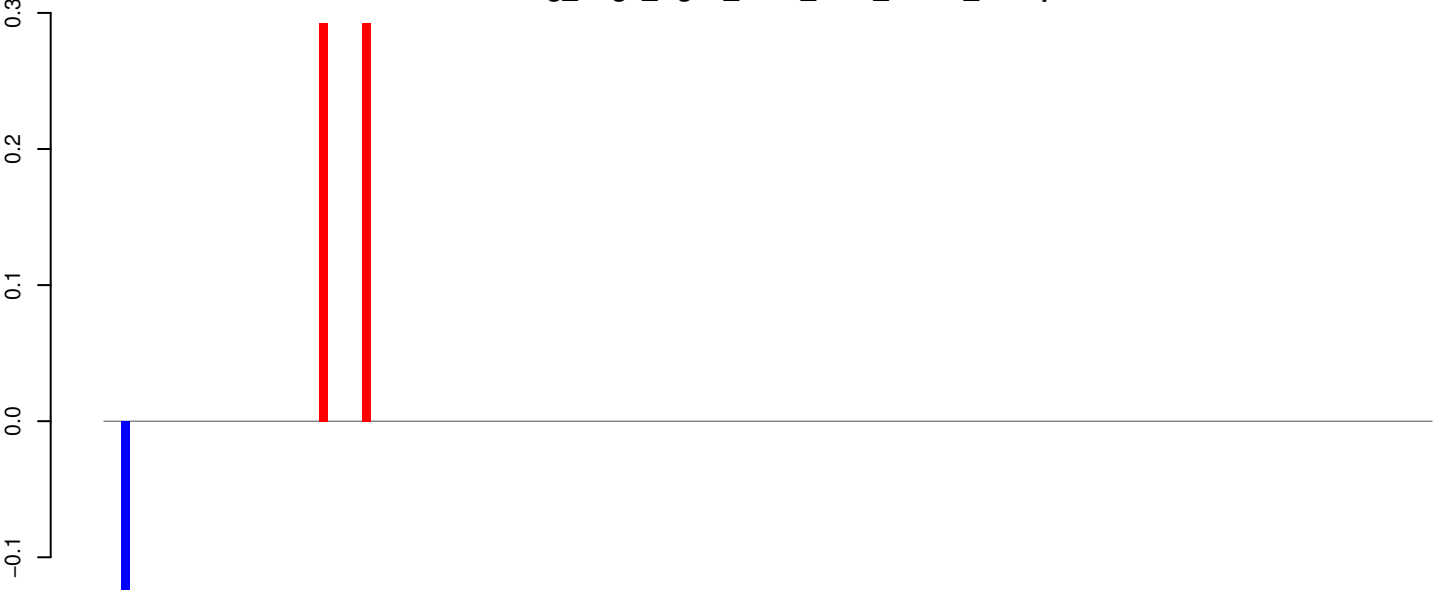


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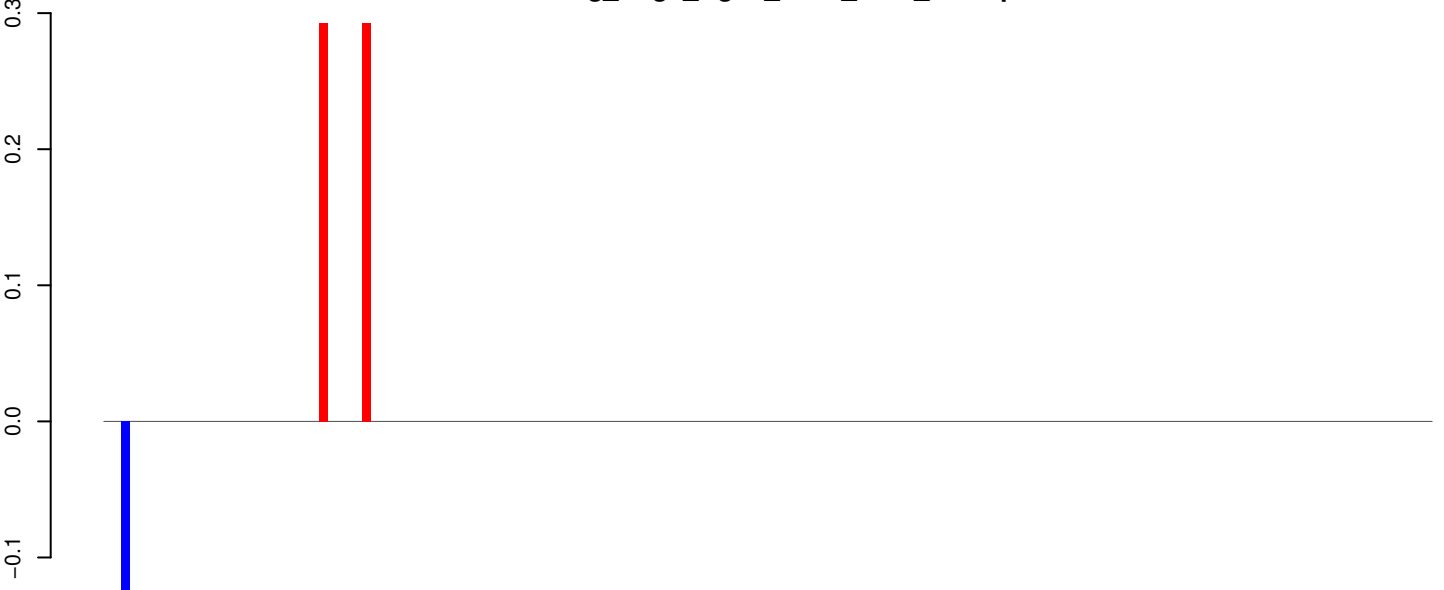
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=0, total=1

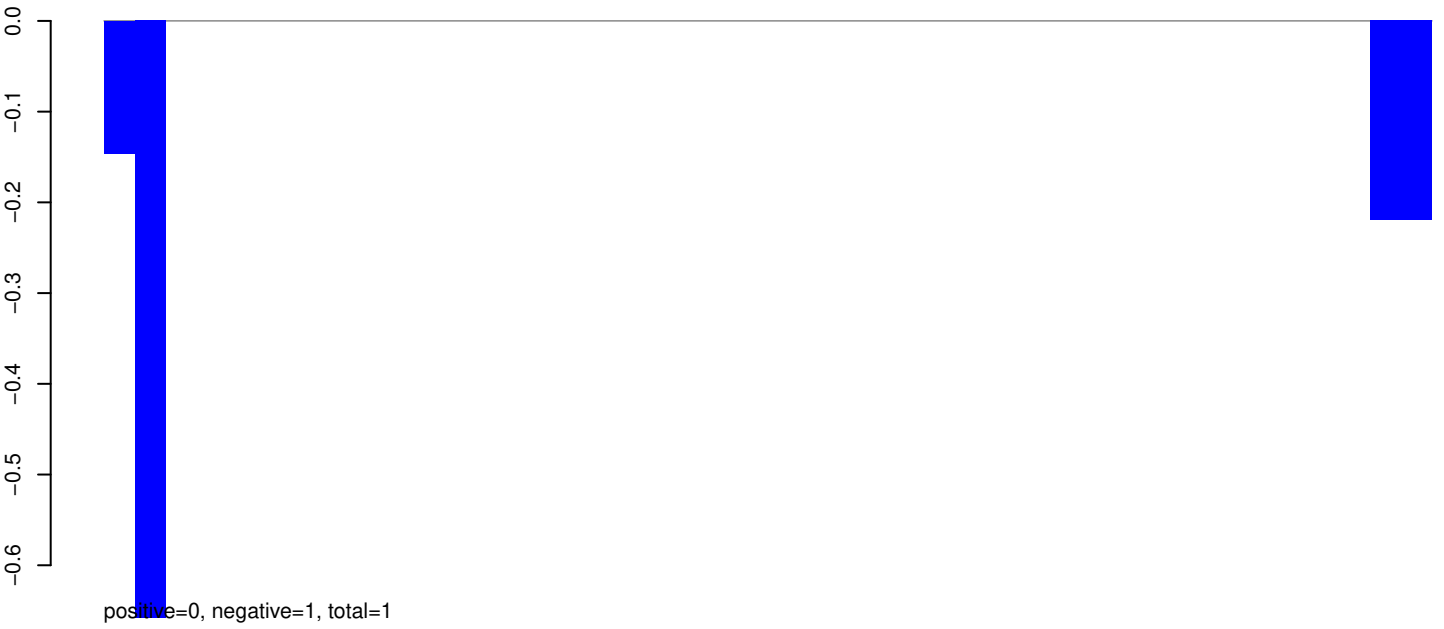
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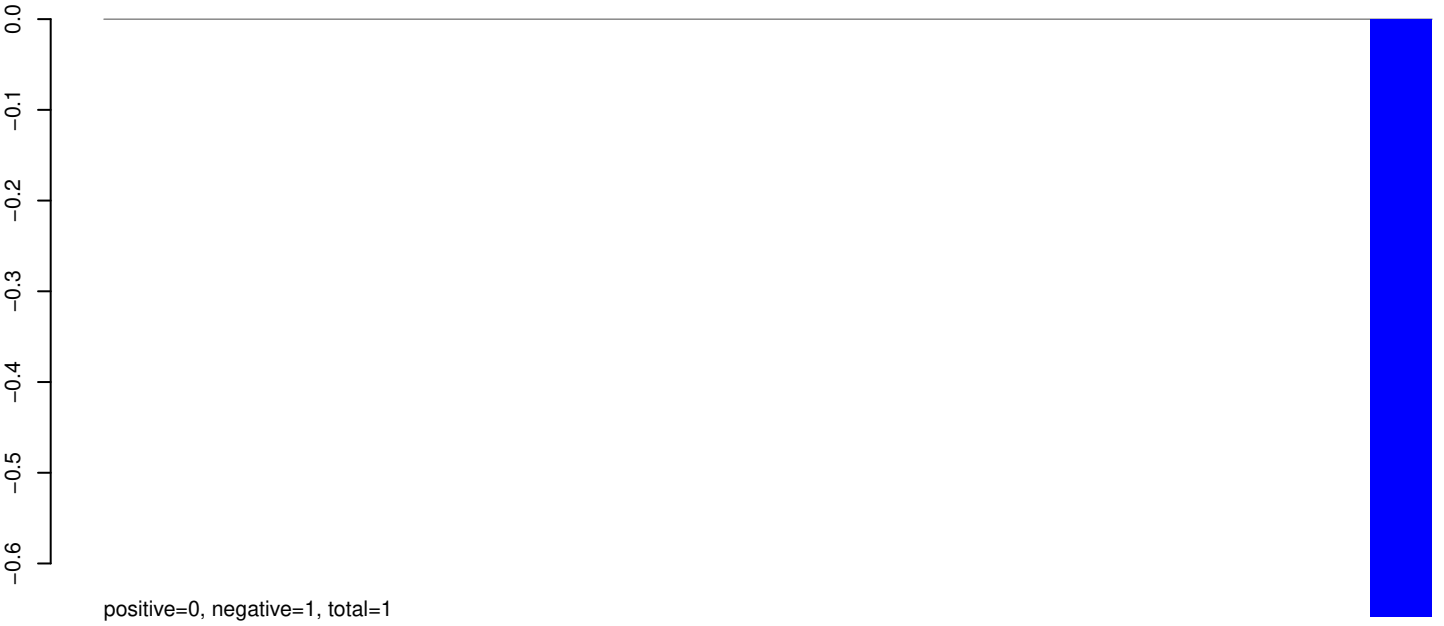
positive=1, negative=0, total=1

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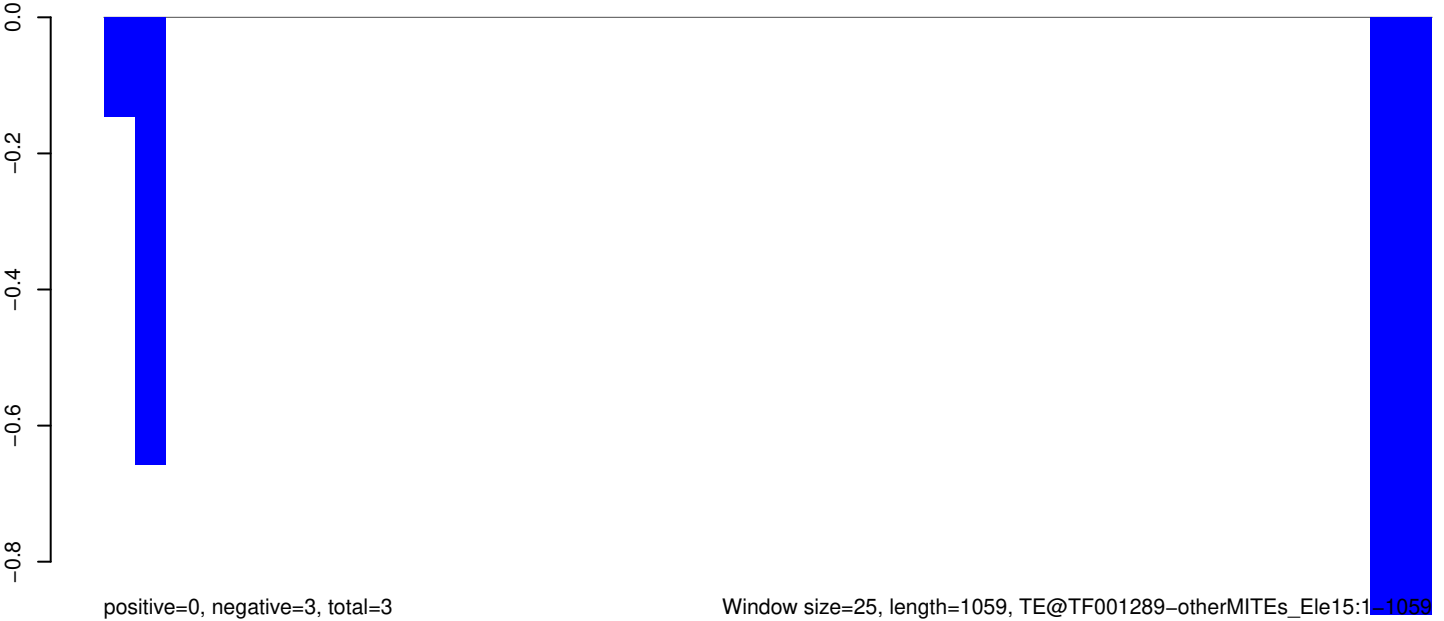
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



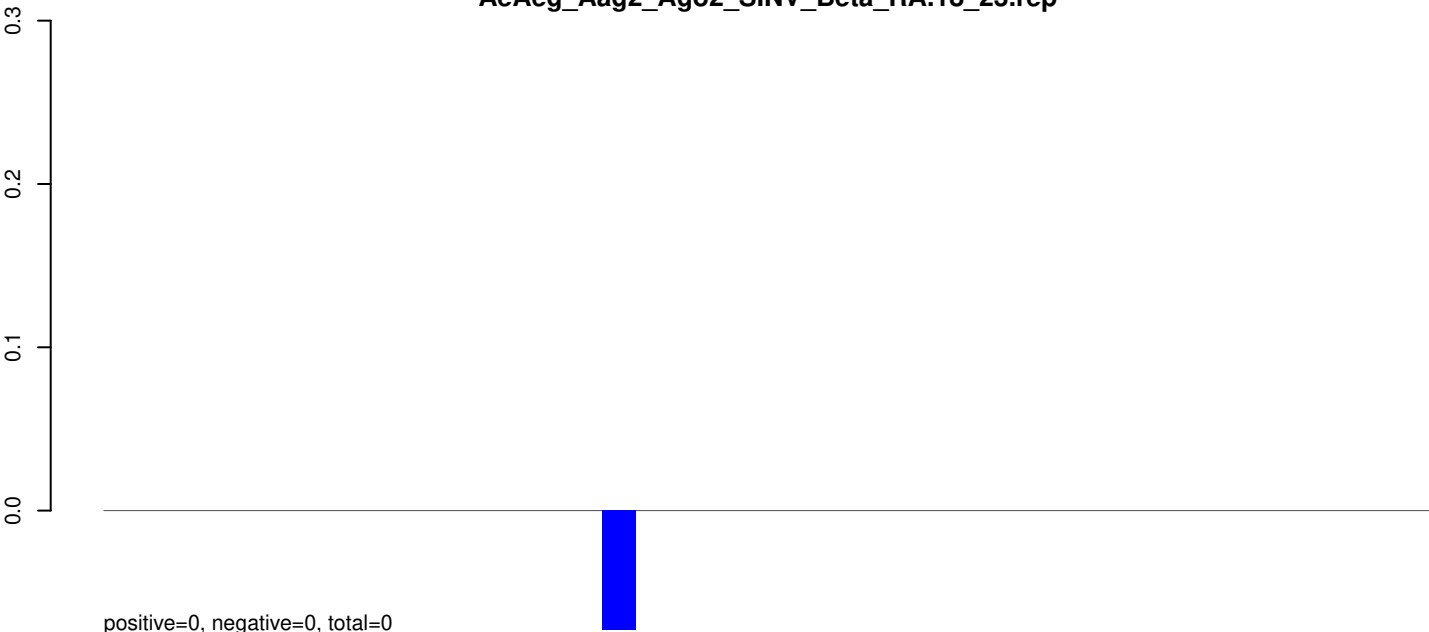
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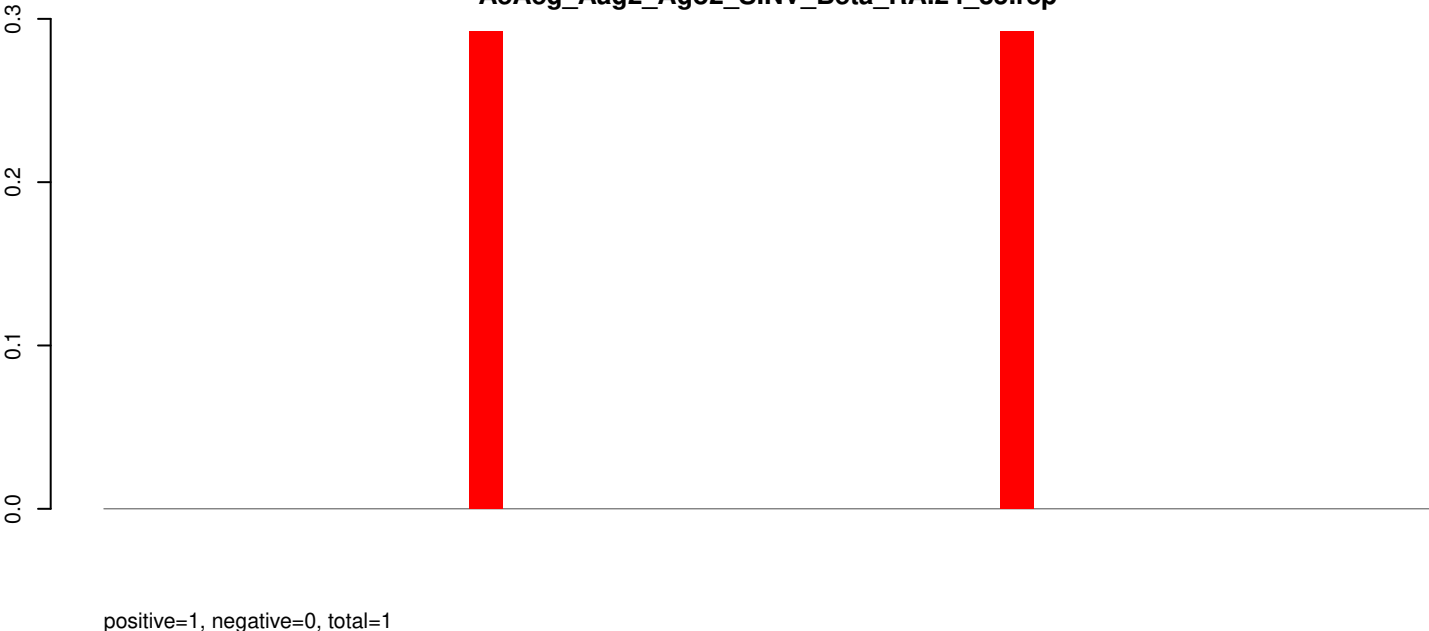
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



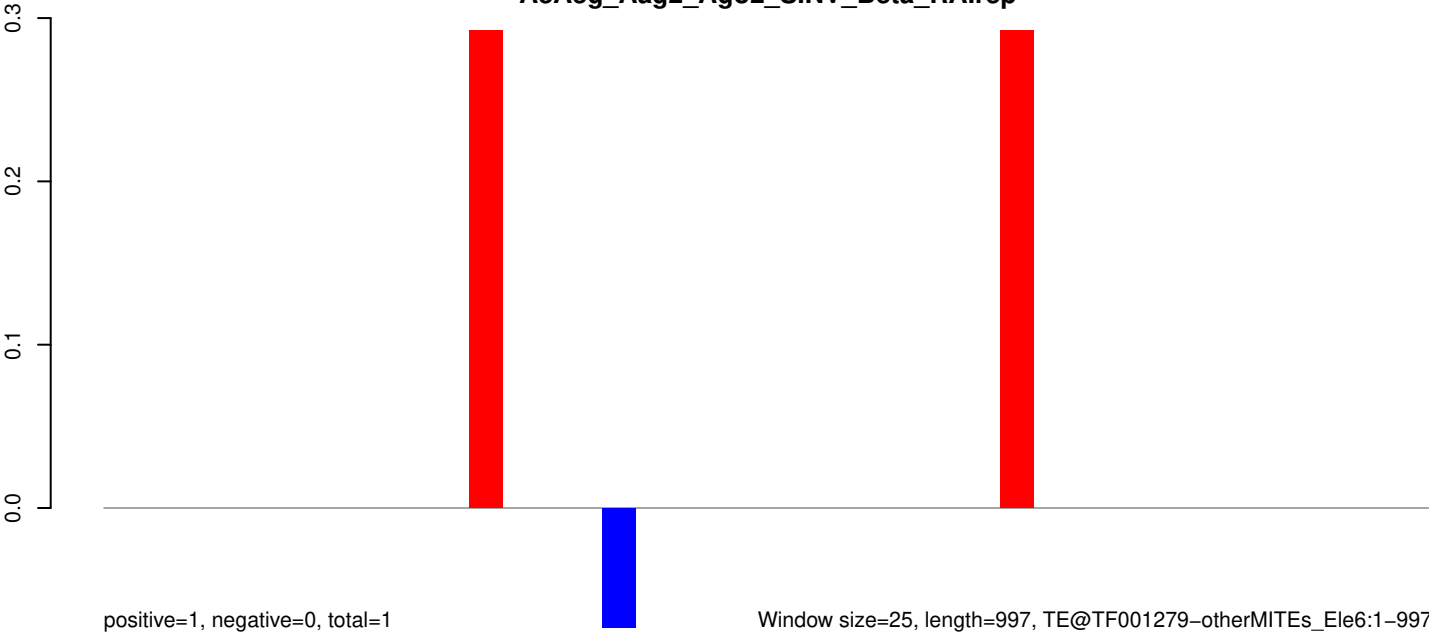
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

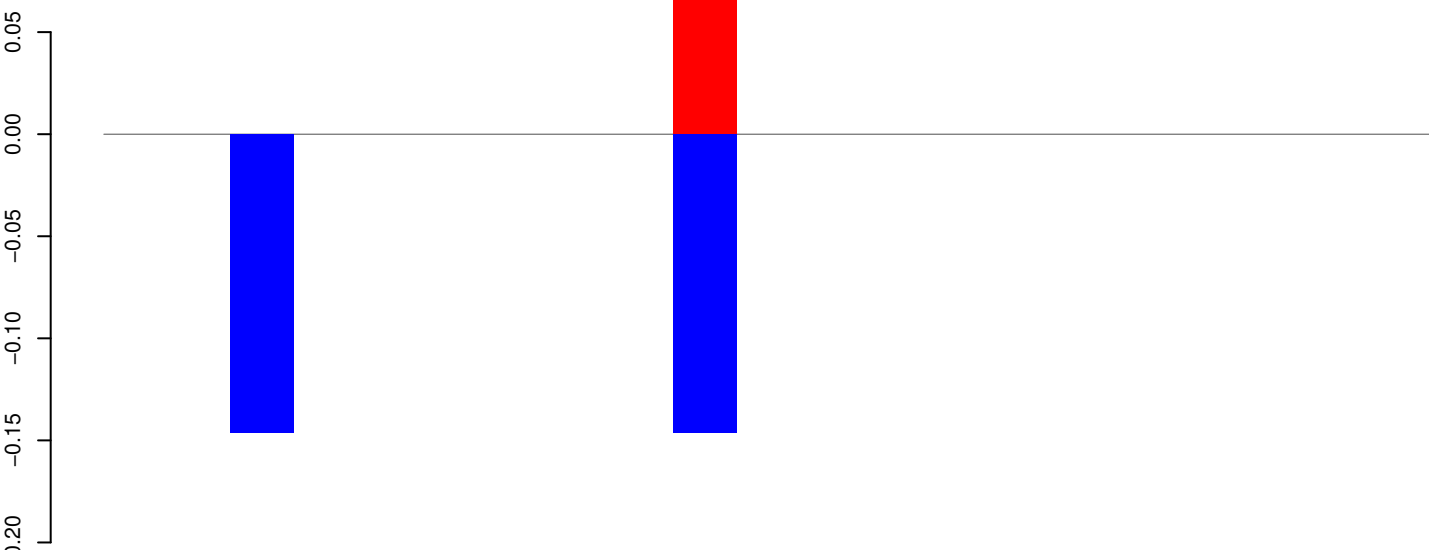


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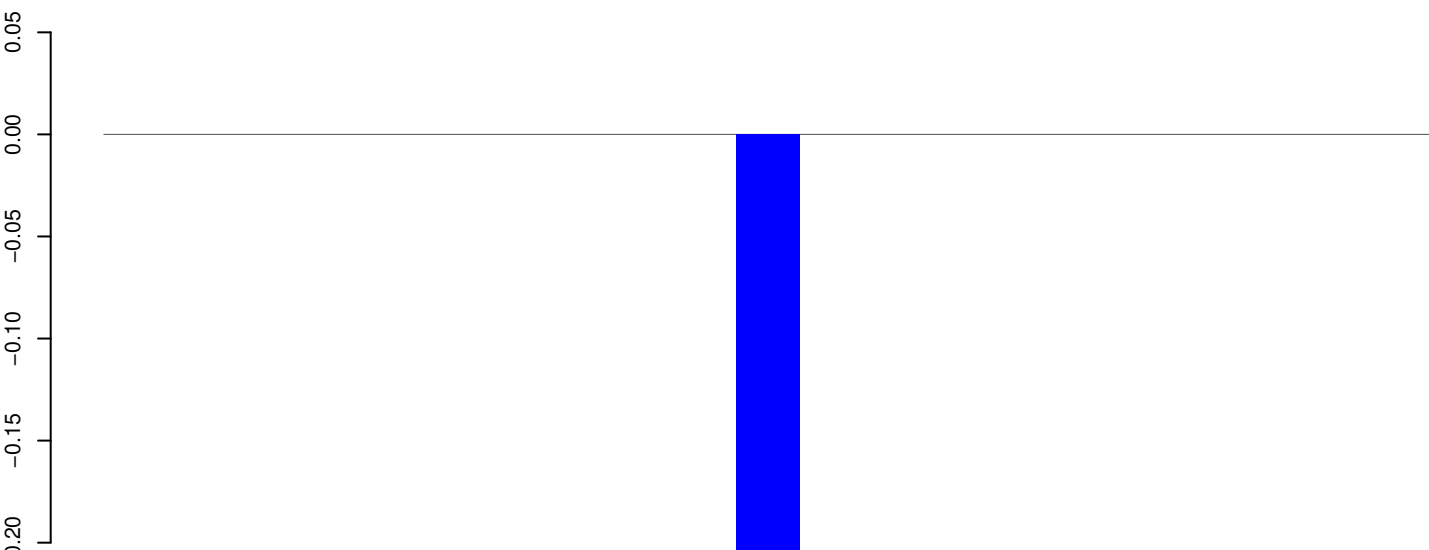


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



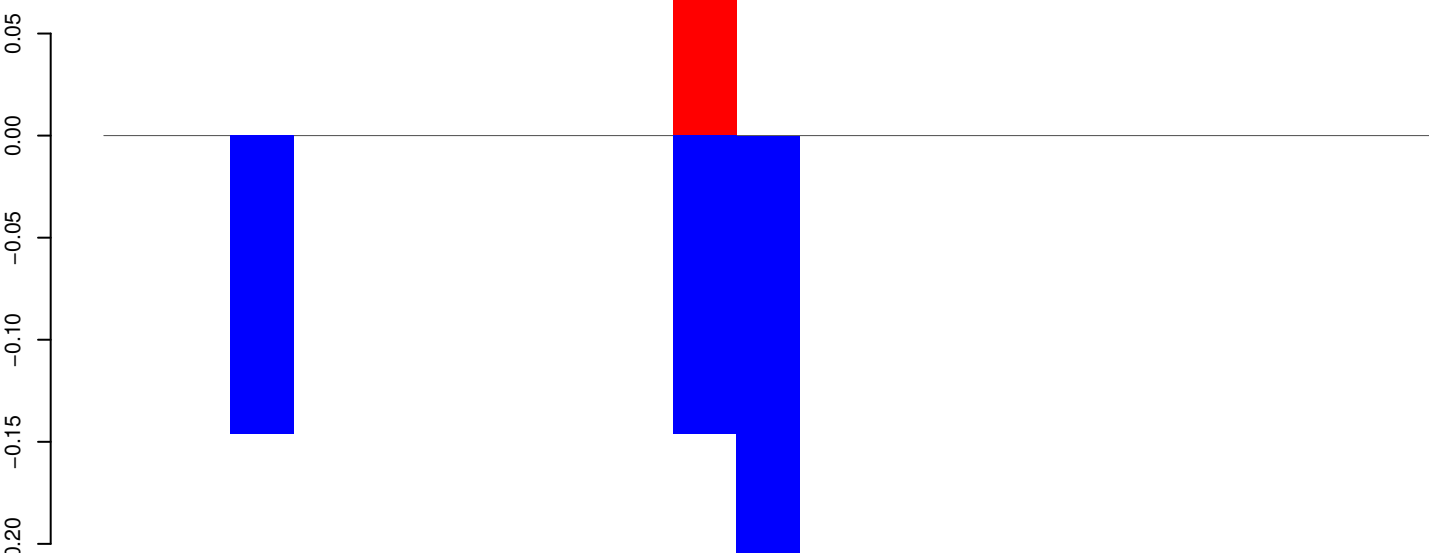
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

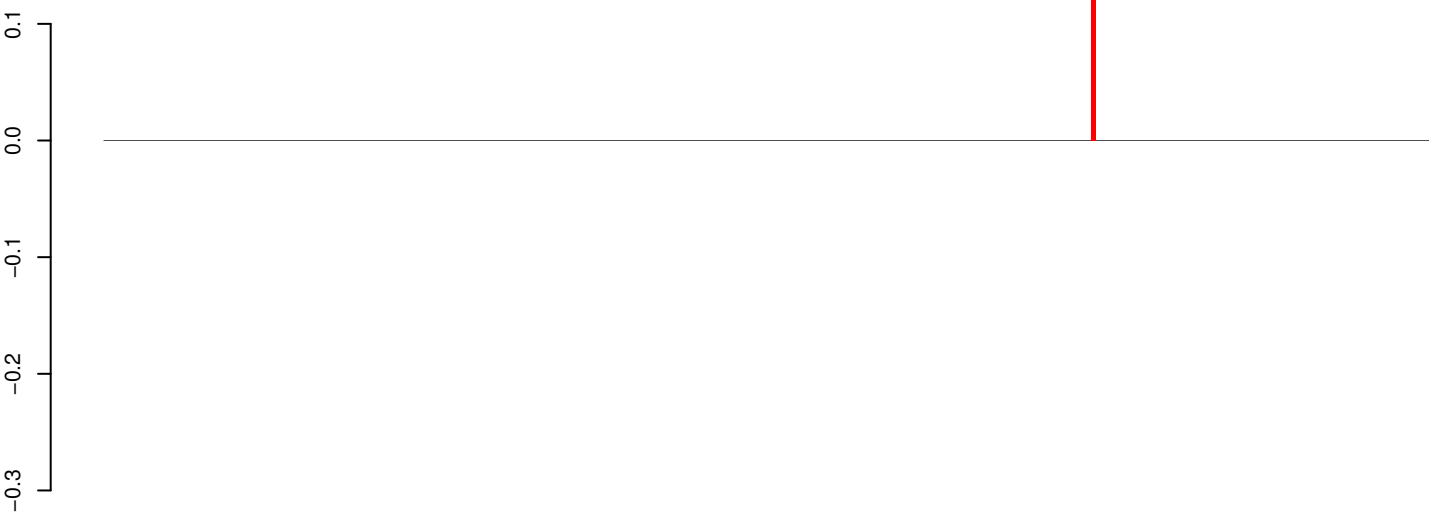


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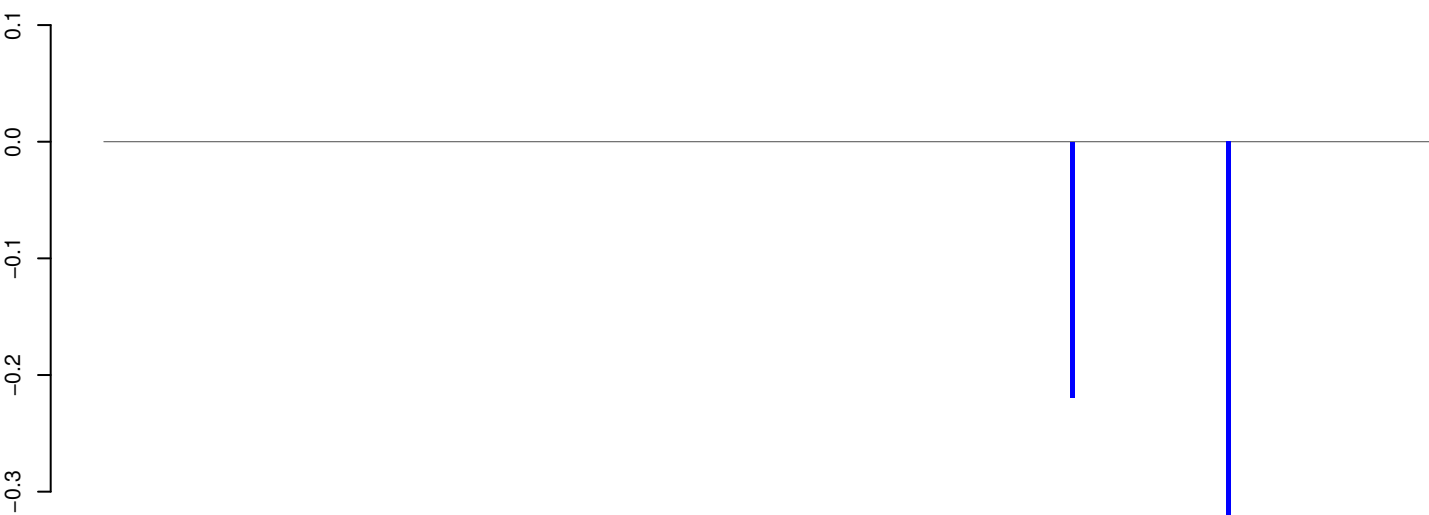
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



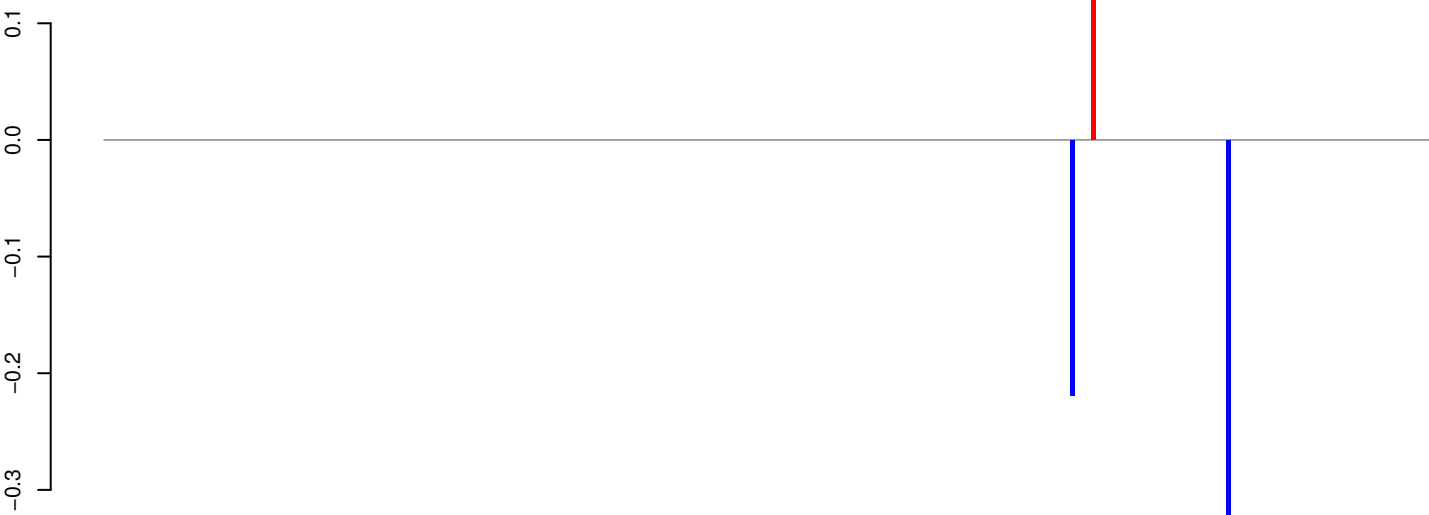
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



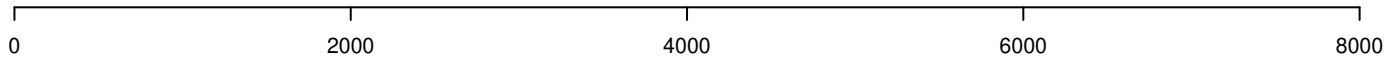
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

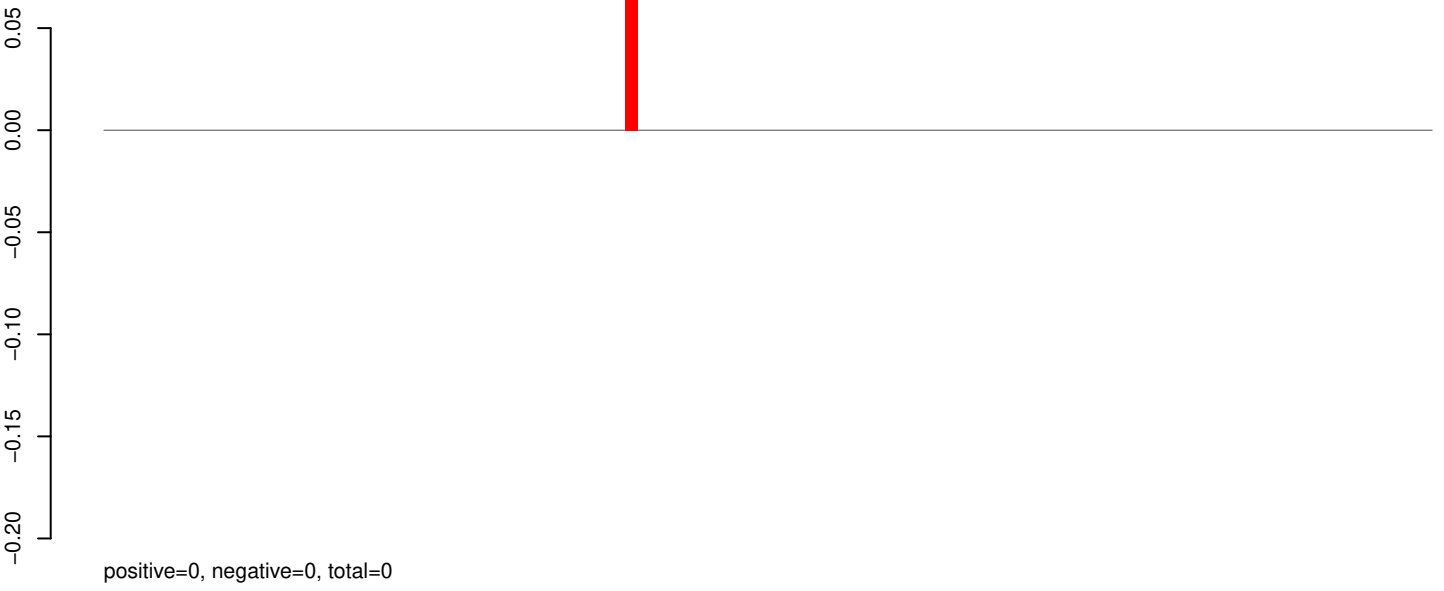


positive=0, negative=1, total=1

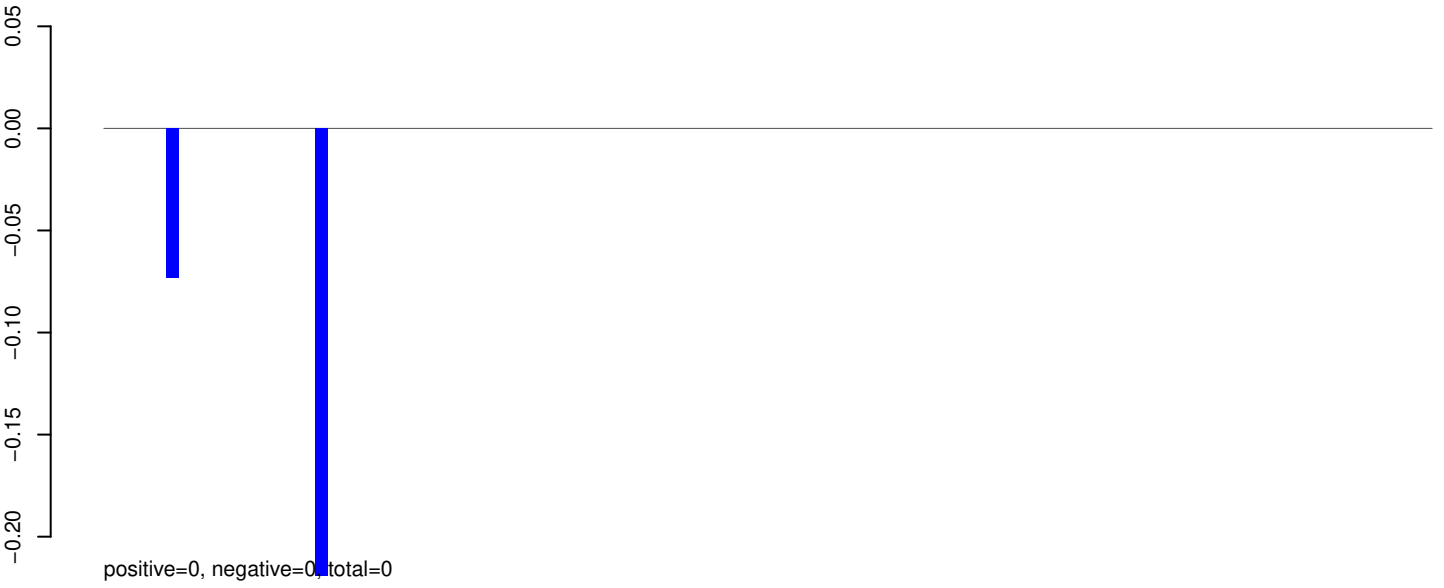
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



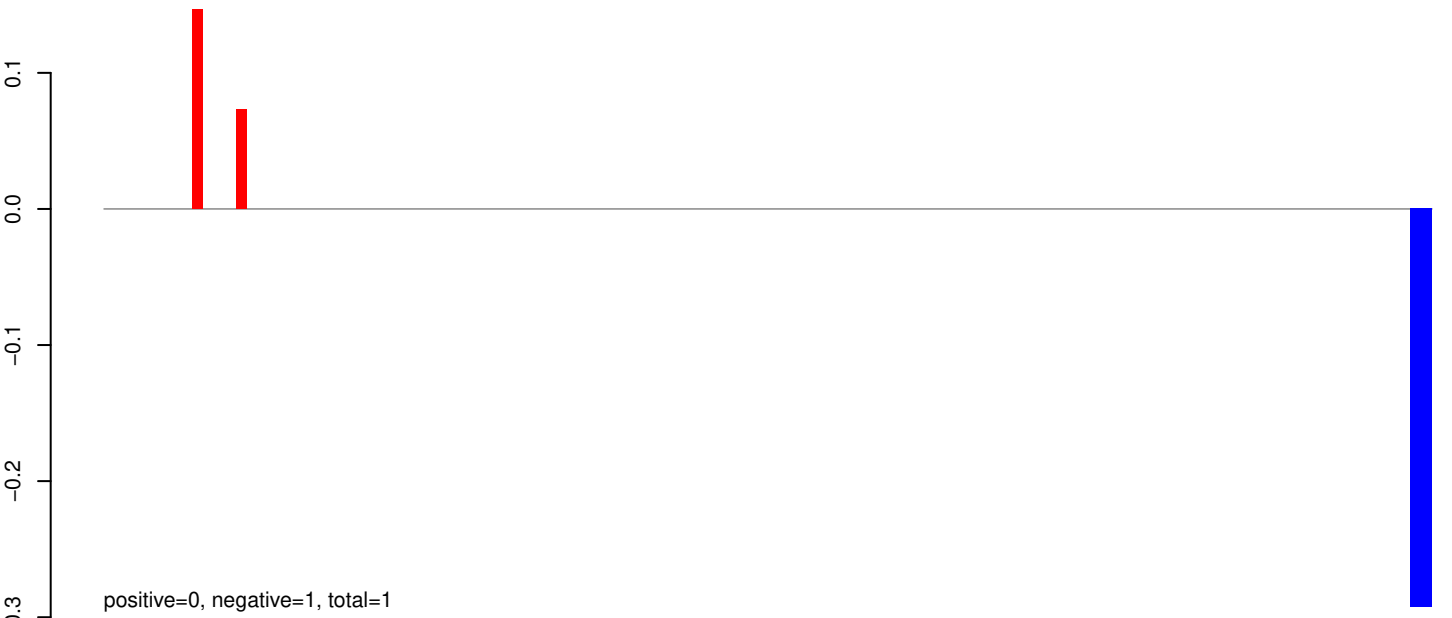
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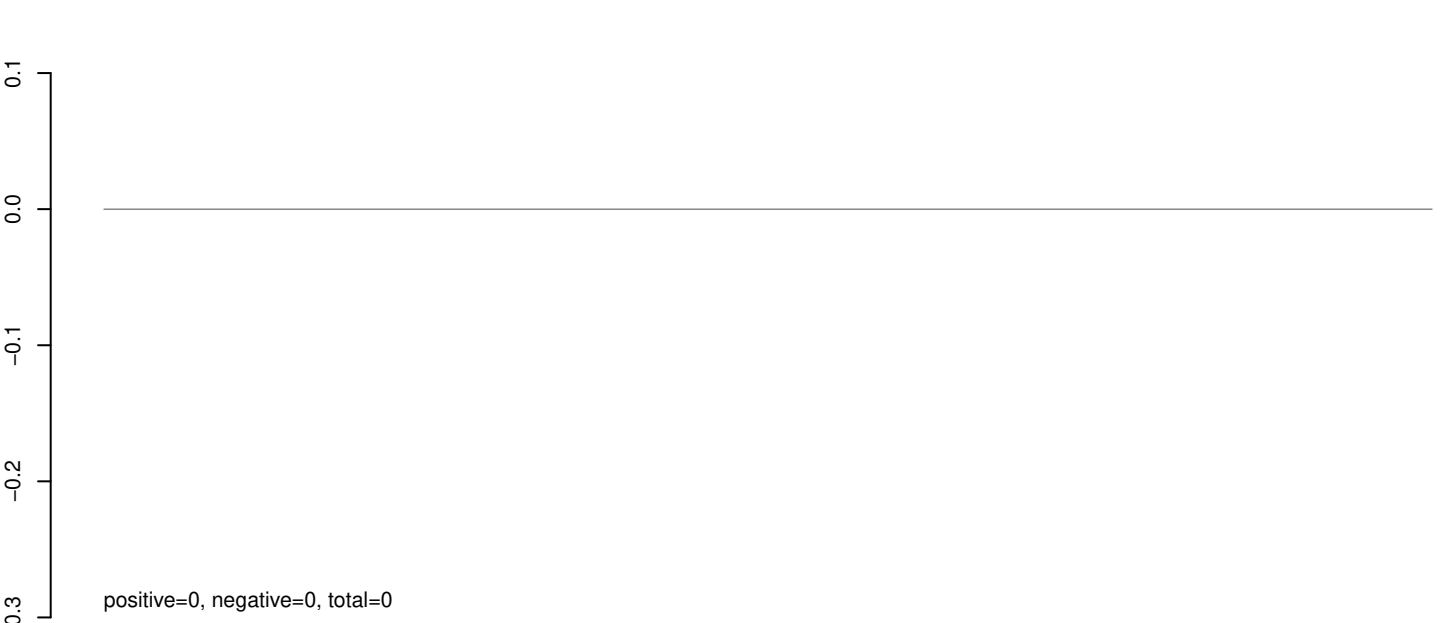
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



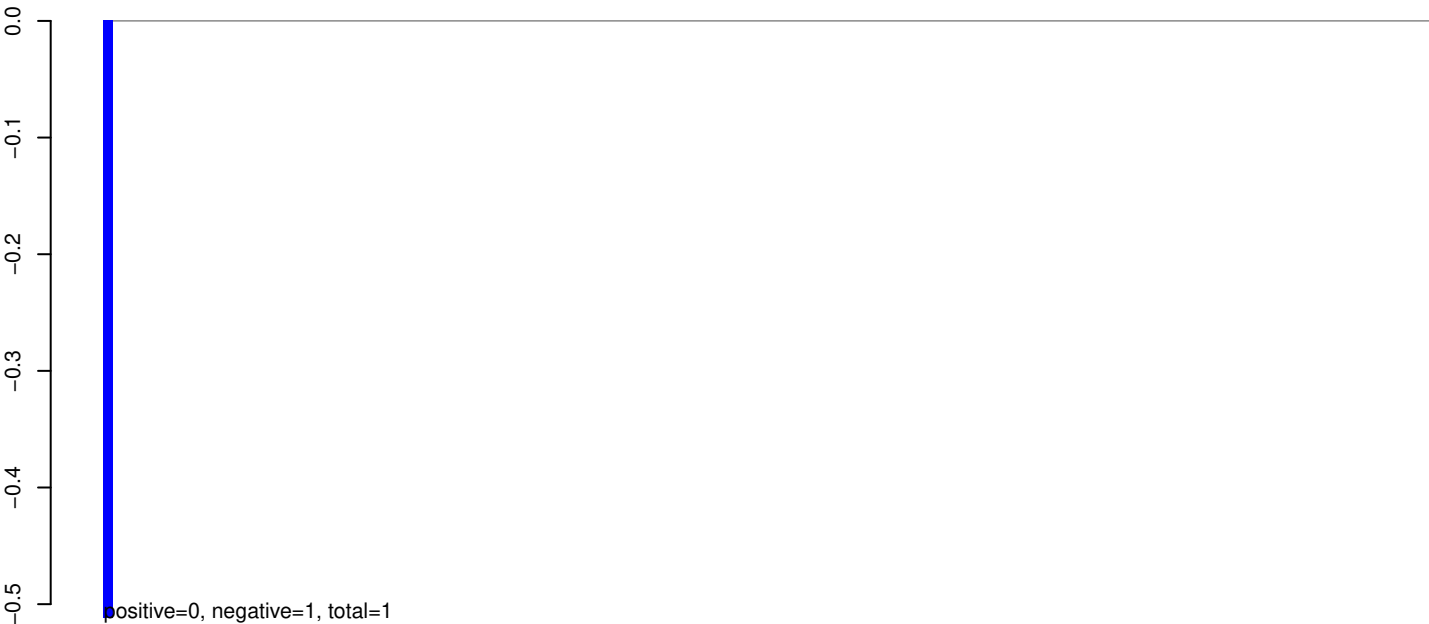
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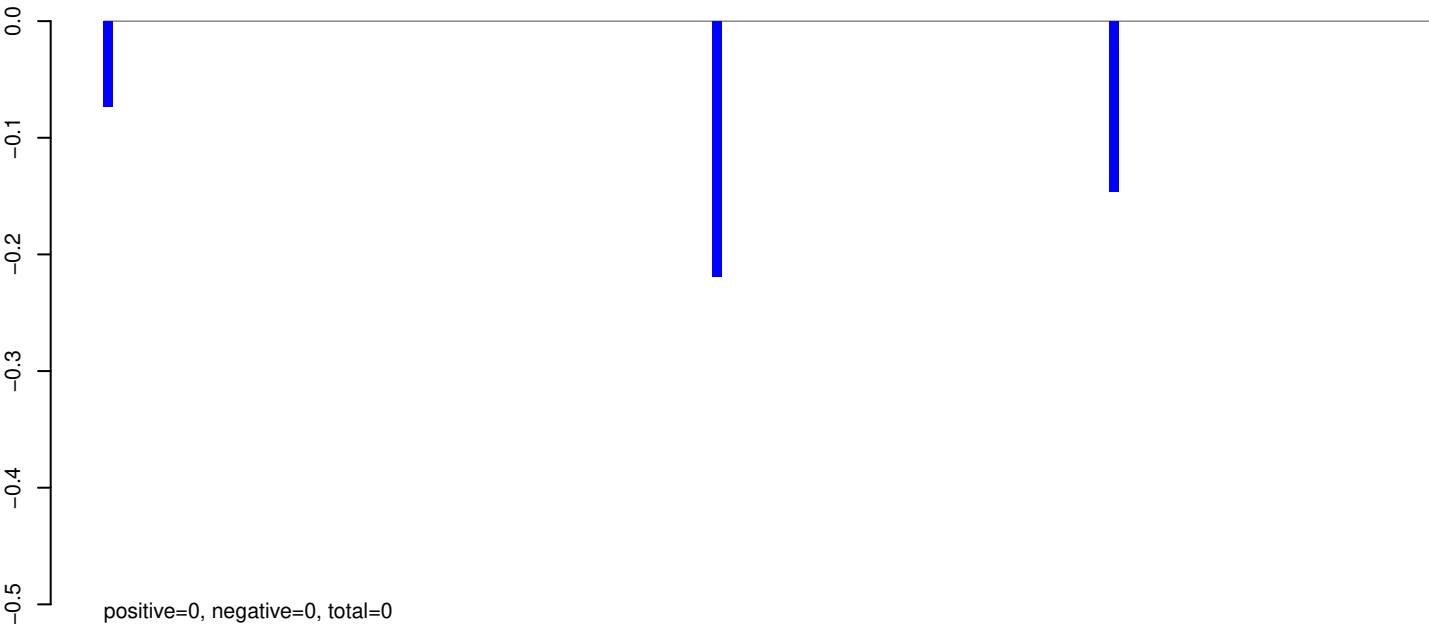
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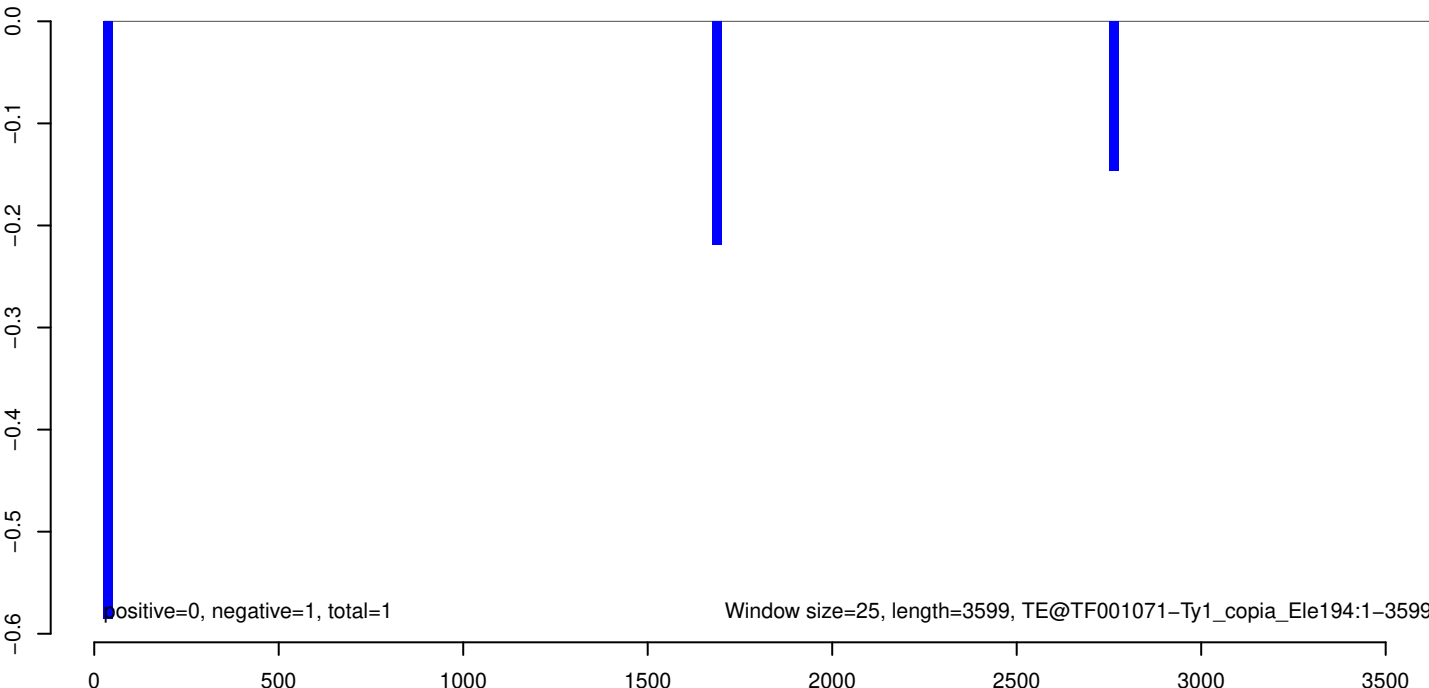
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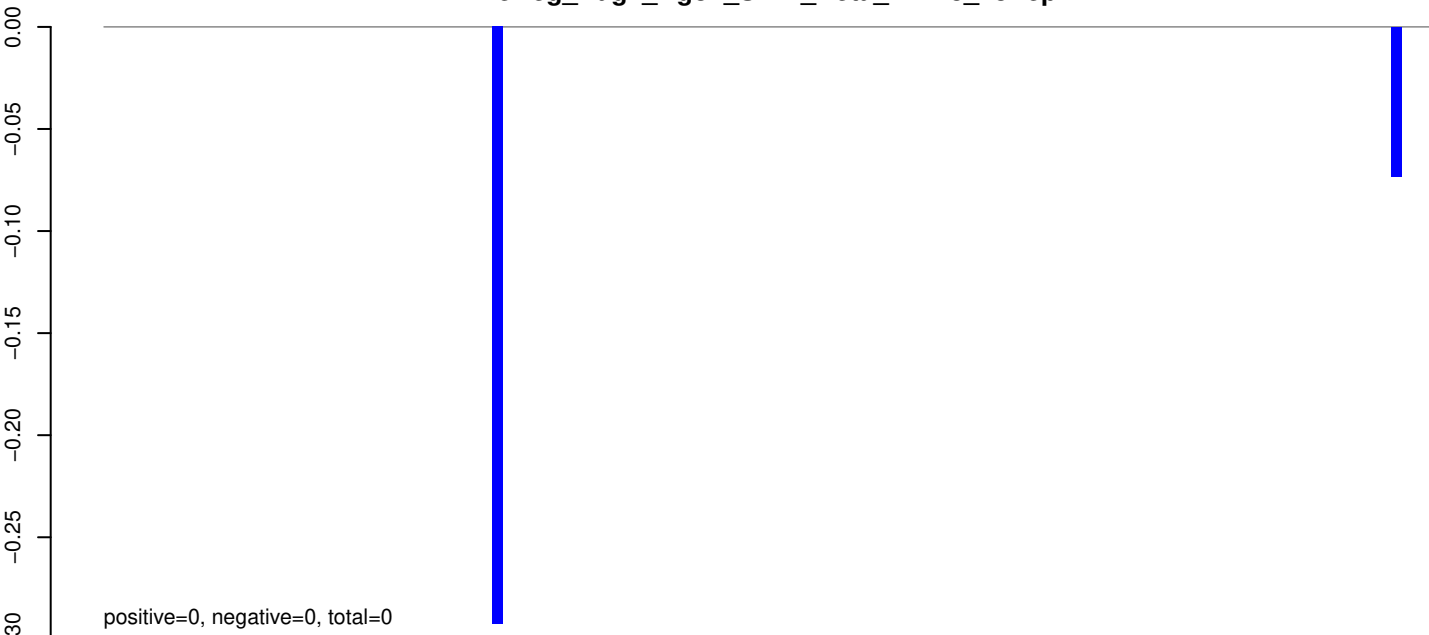
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



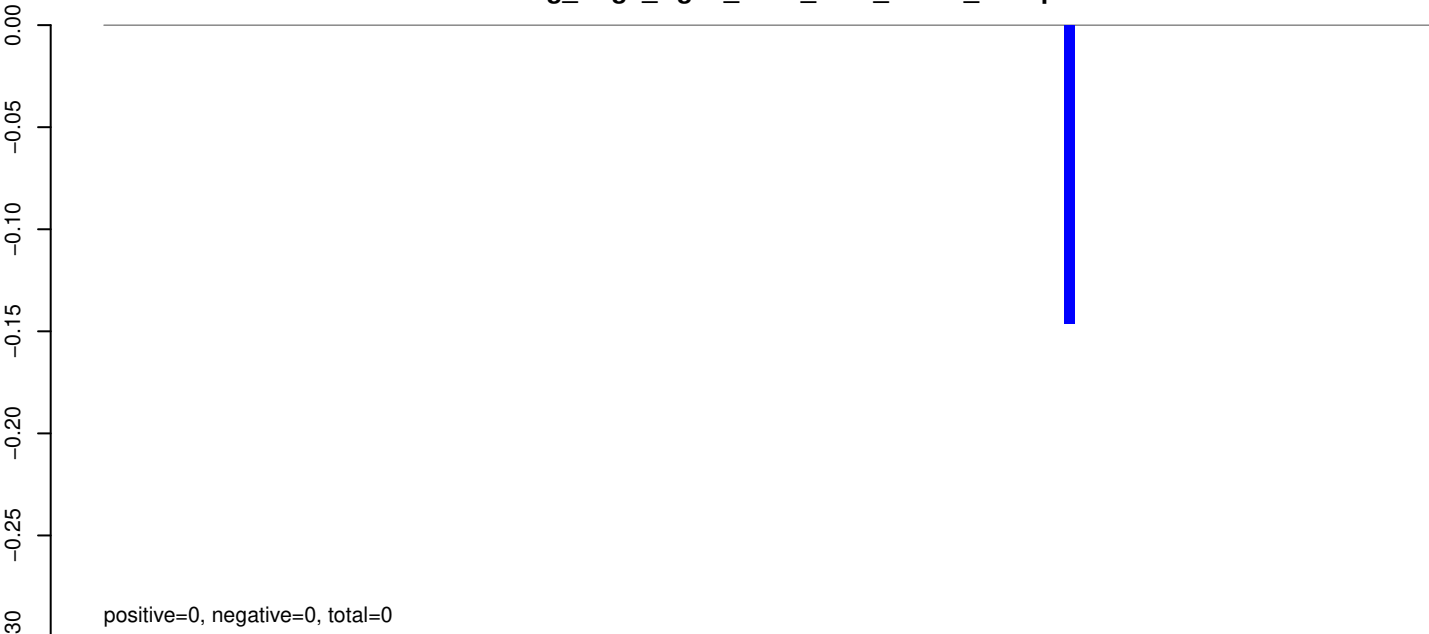
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



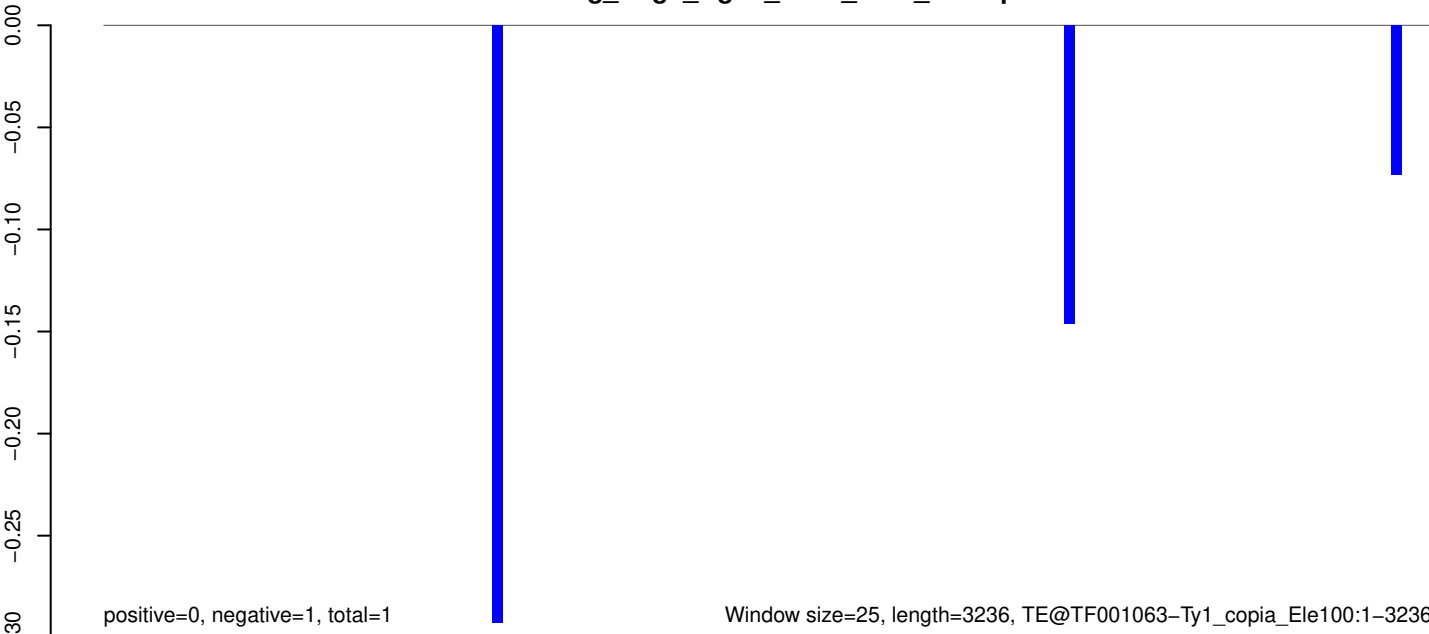
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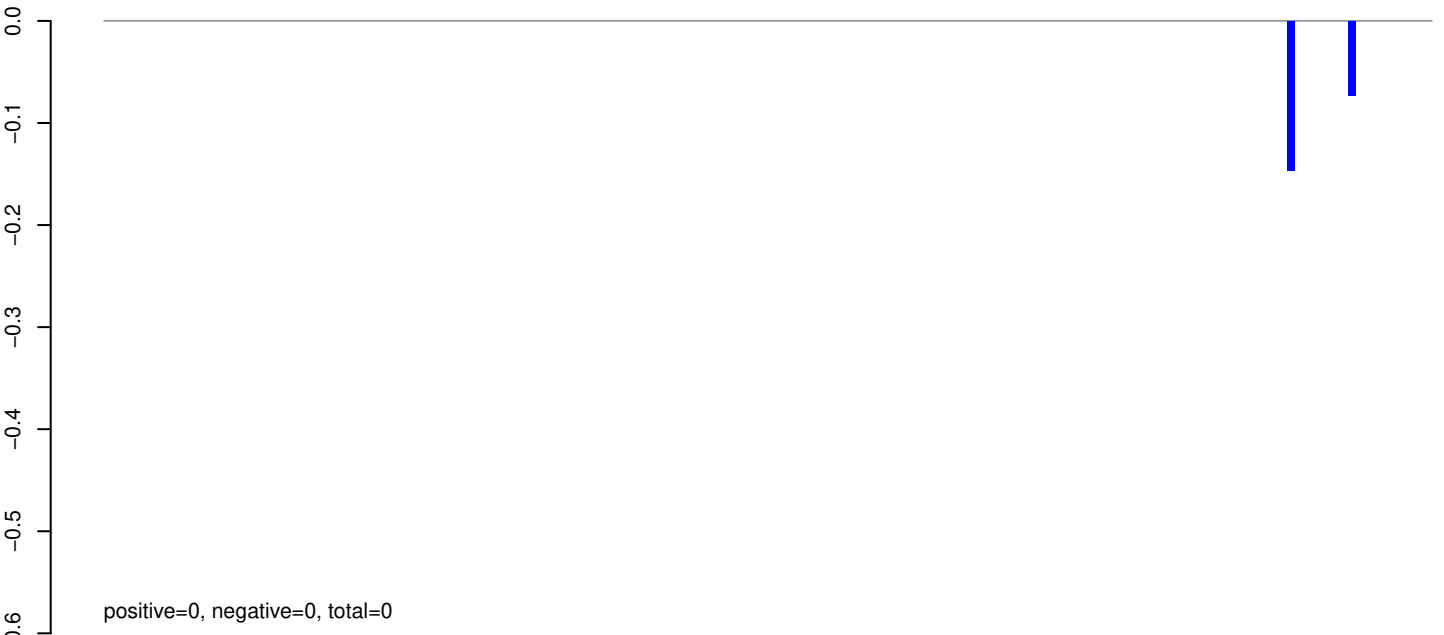
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



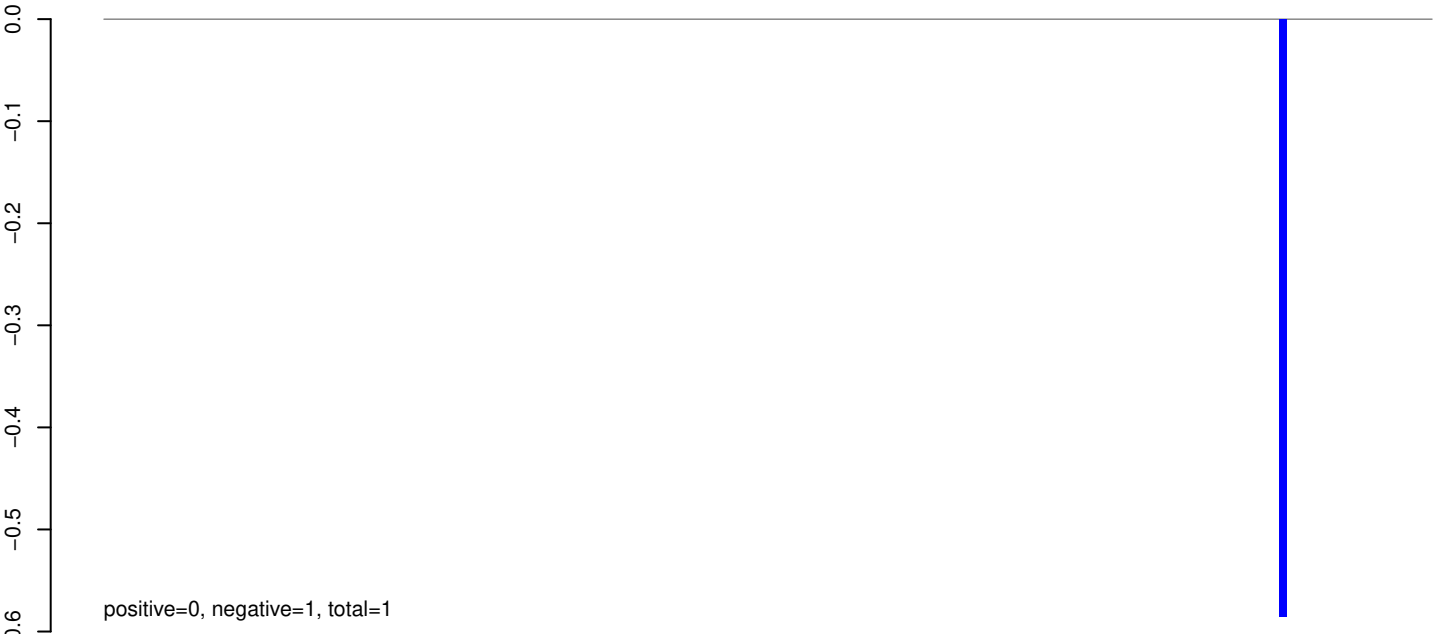
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



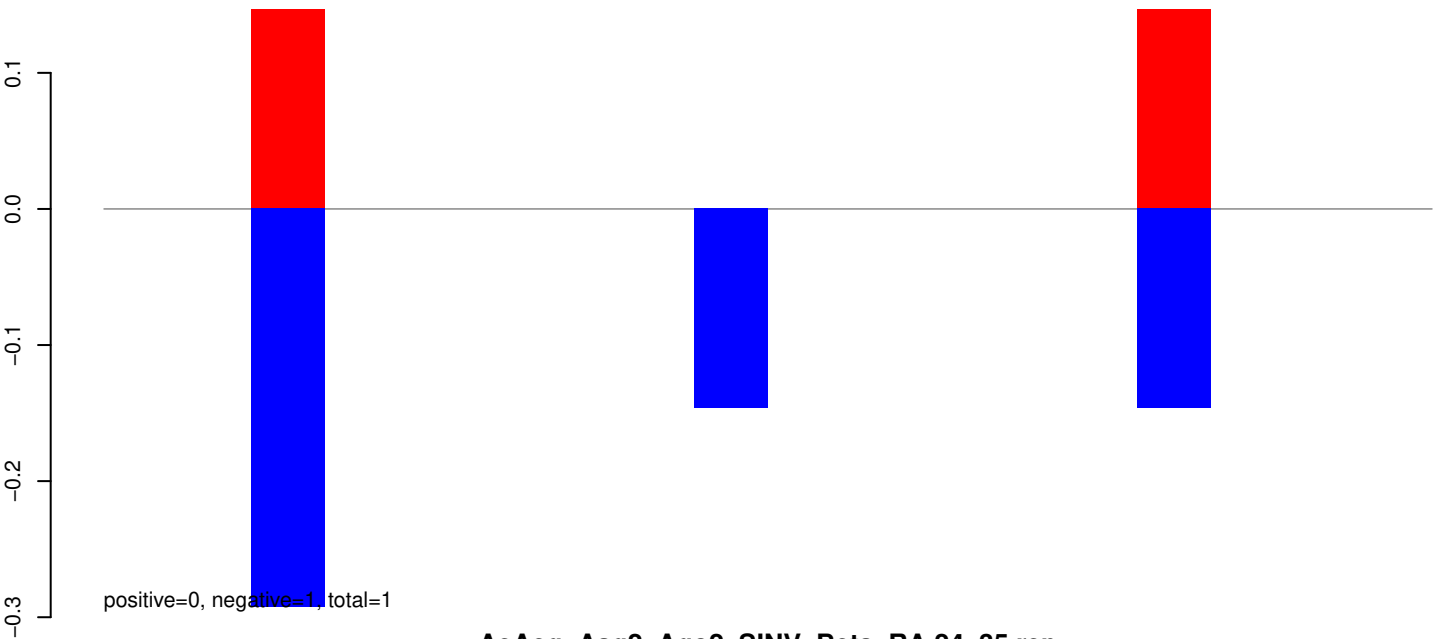
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



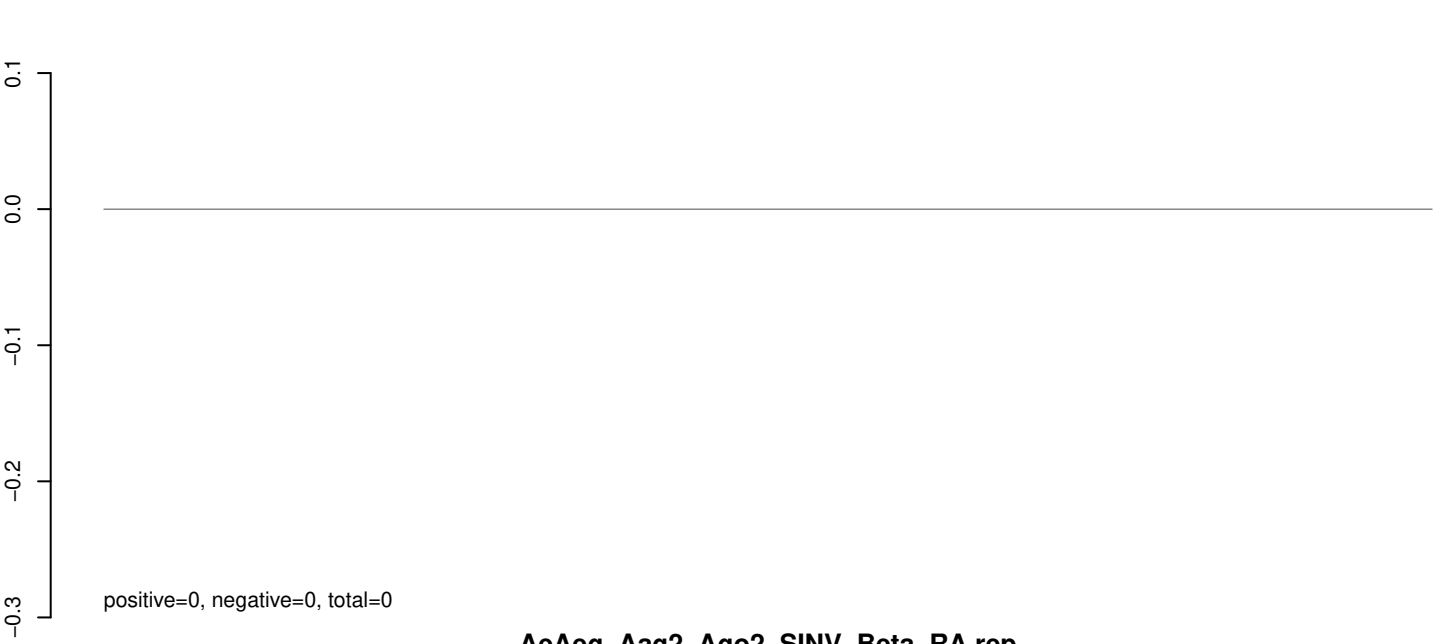
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



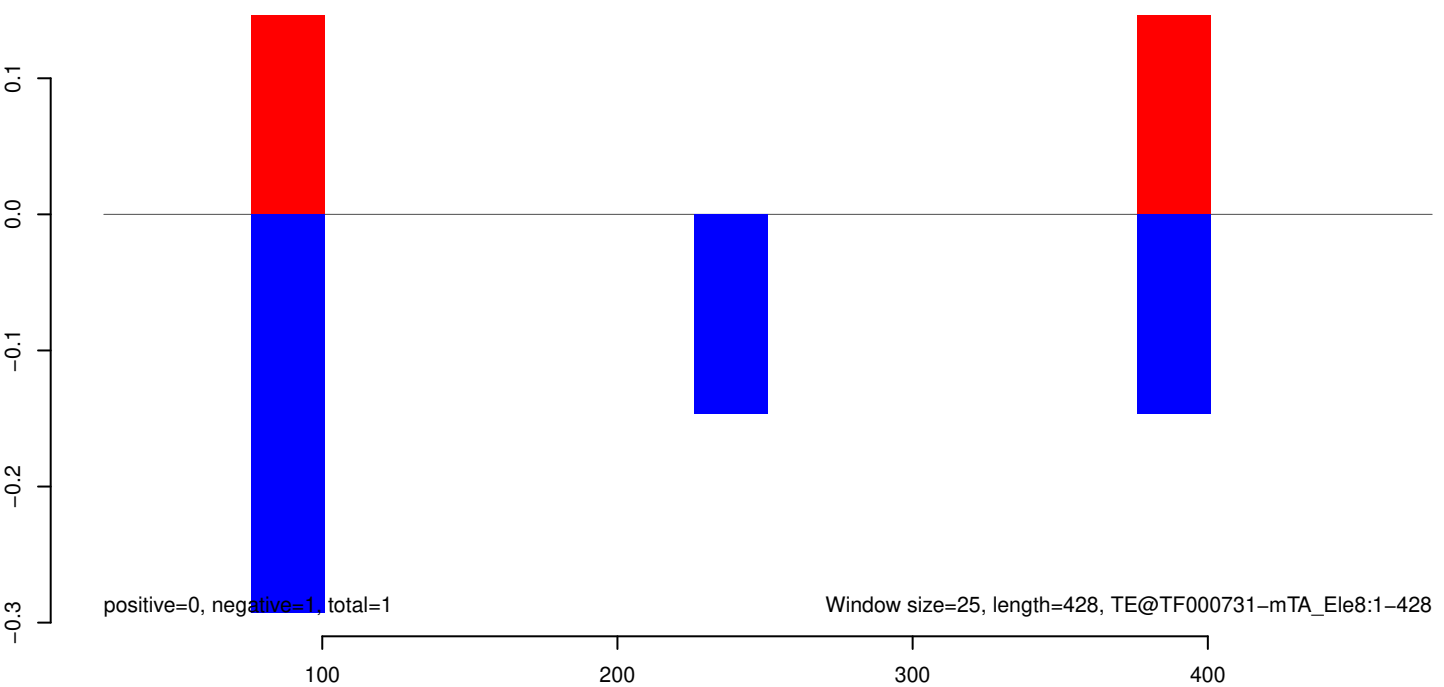
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

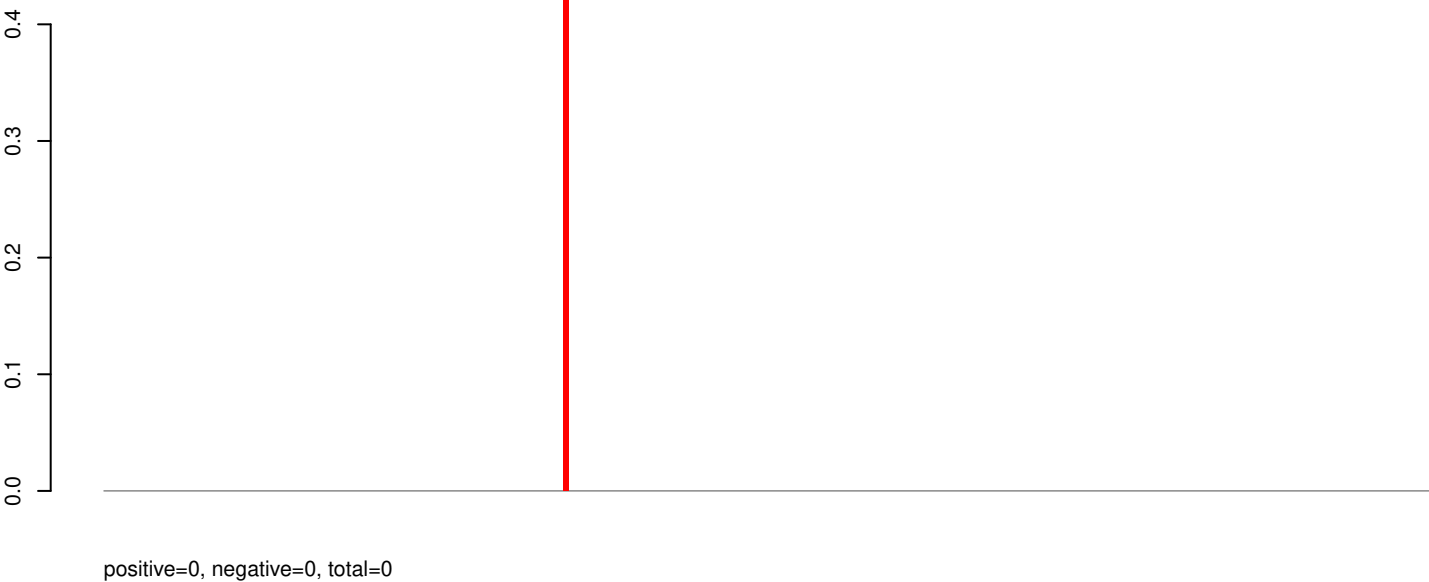




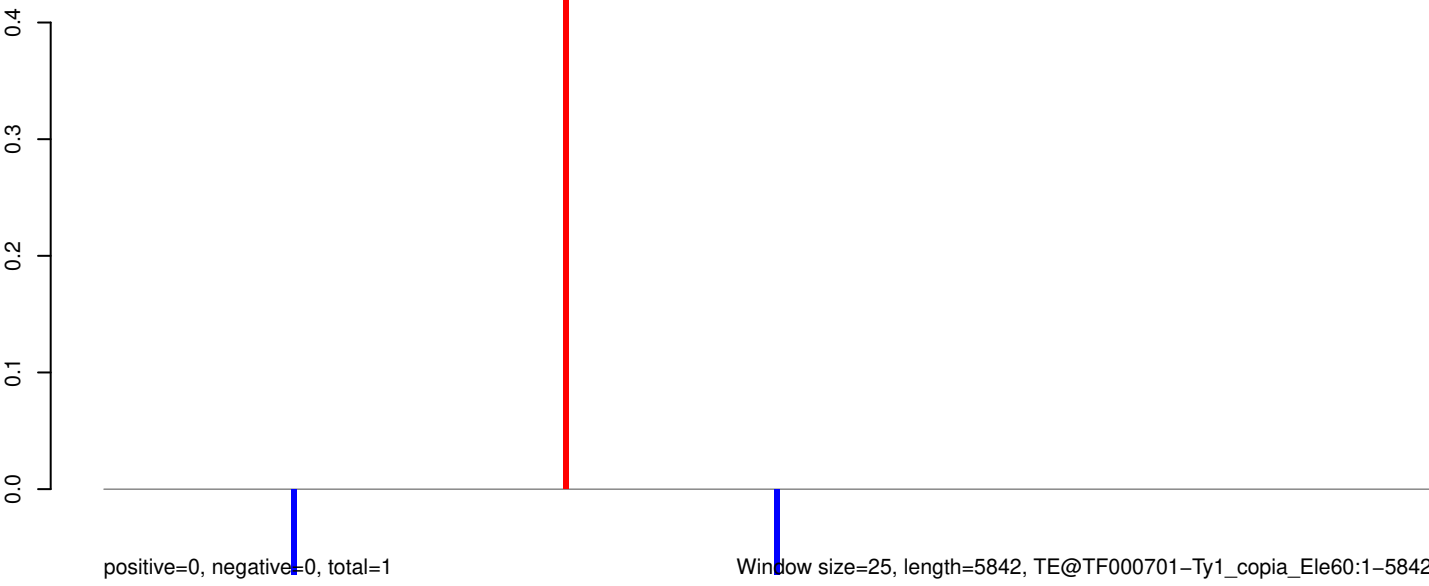
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

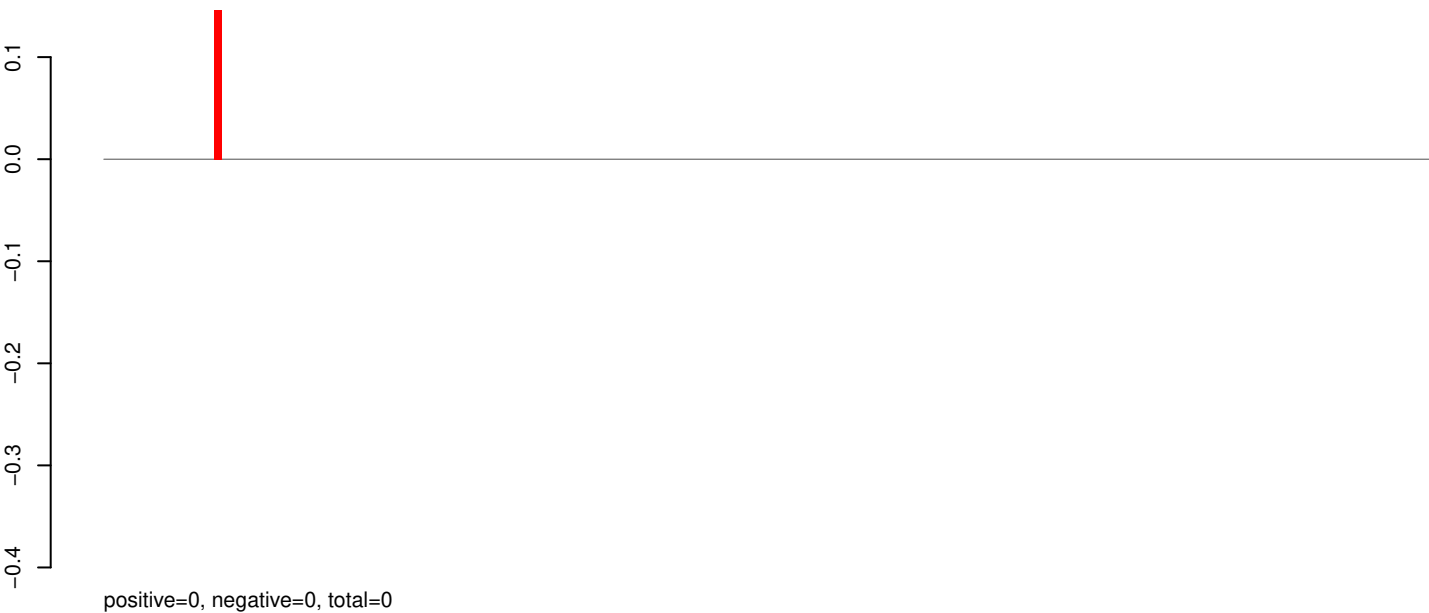


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

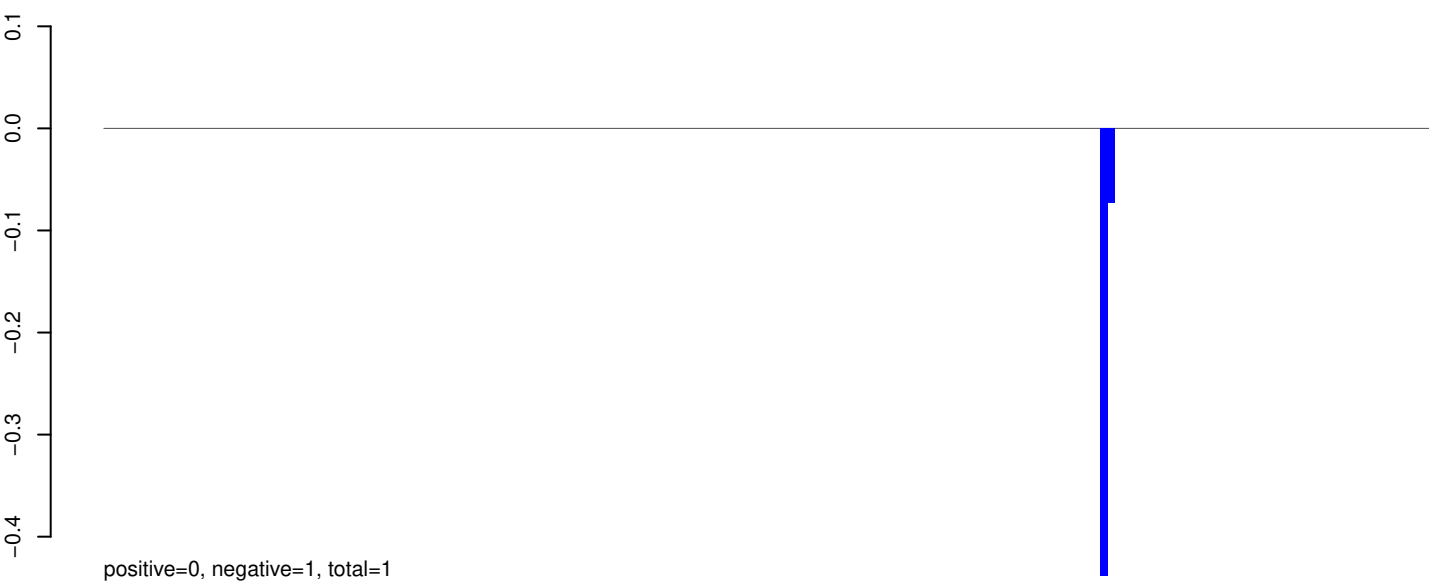


0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



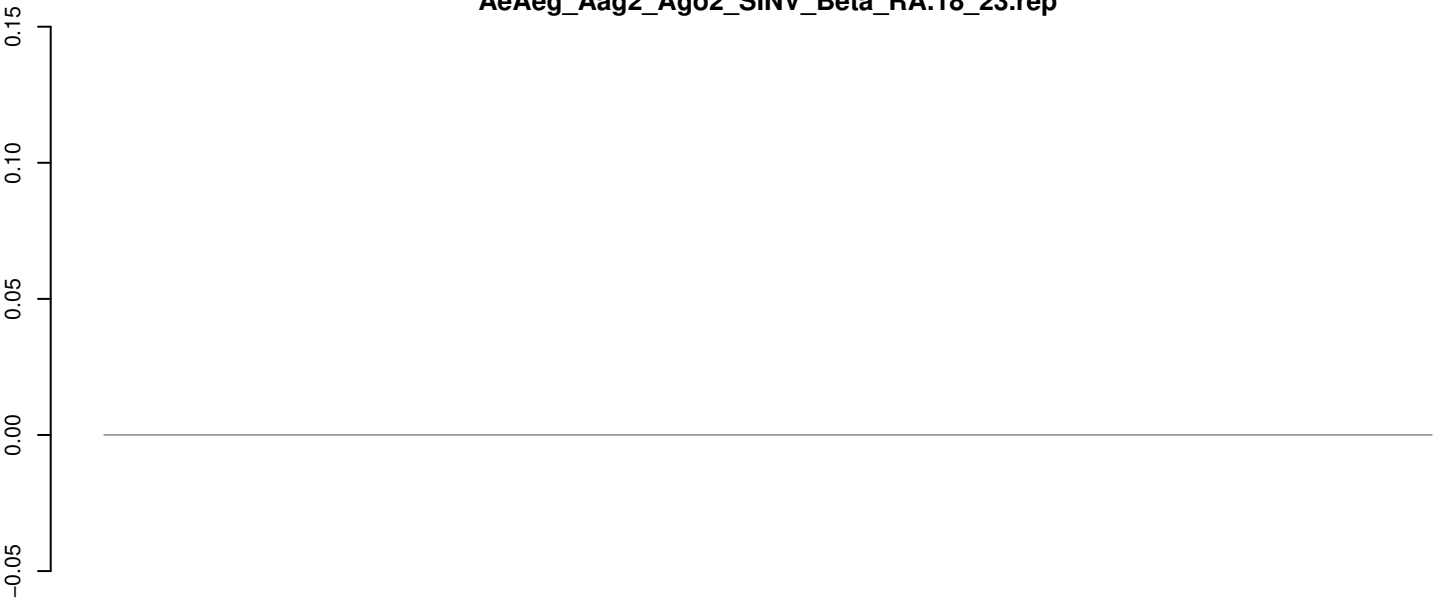
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=4476, TE@T000695-Ty1\_copia\_Ele58:1-4476

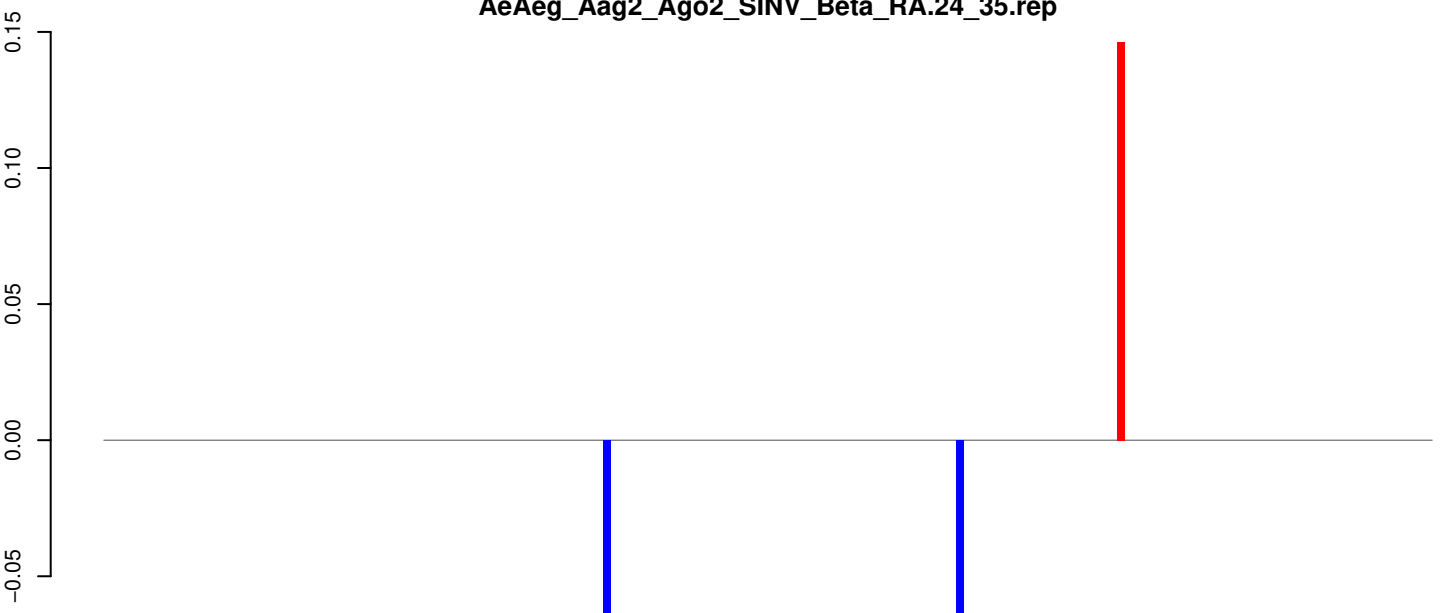
0 1000 2000 3000 4000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



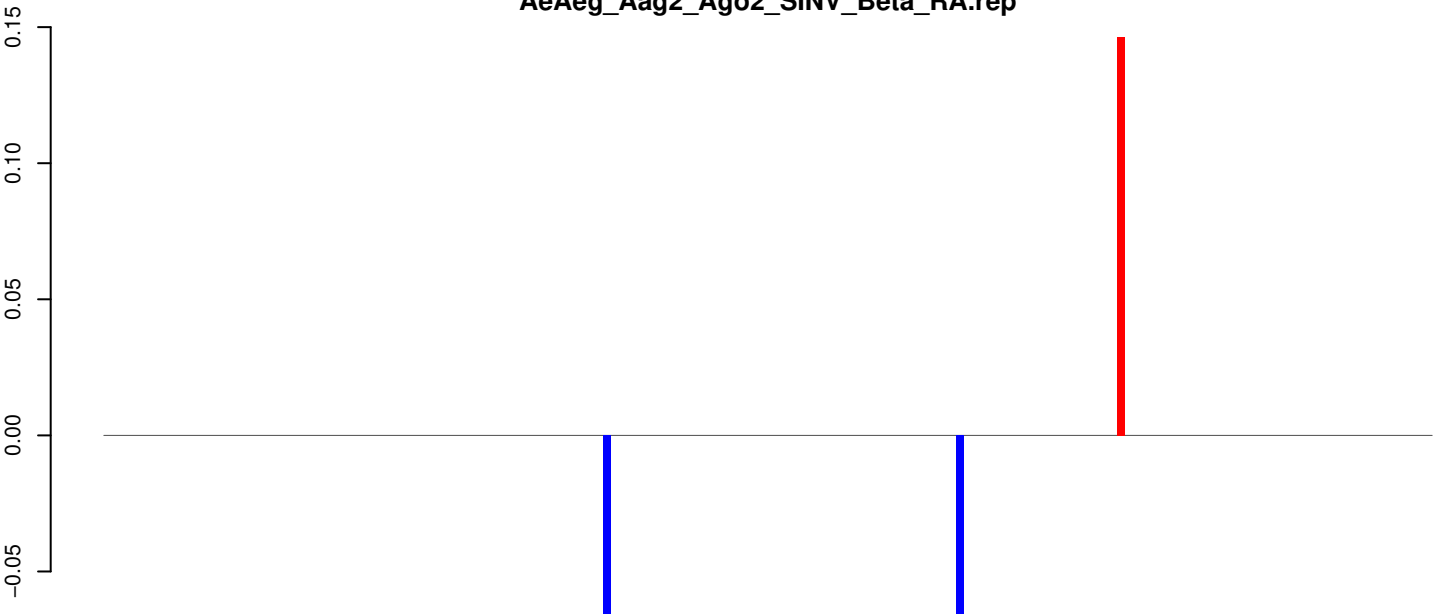
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=0, total=0

Window size=25, length=4321, TE@TF000638-Ty1\_copia\_Ele26:1-4321

0 1000 2000 3000 4000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

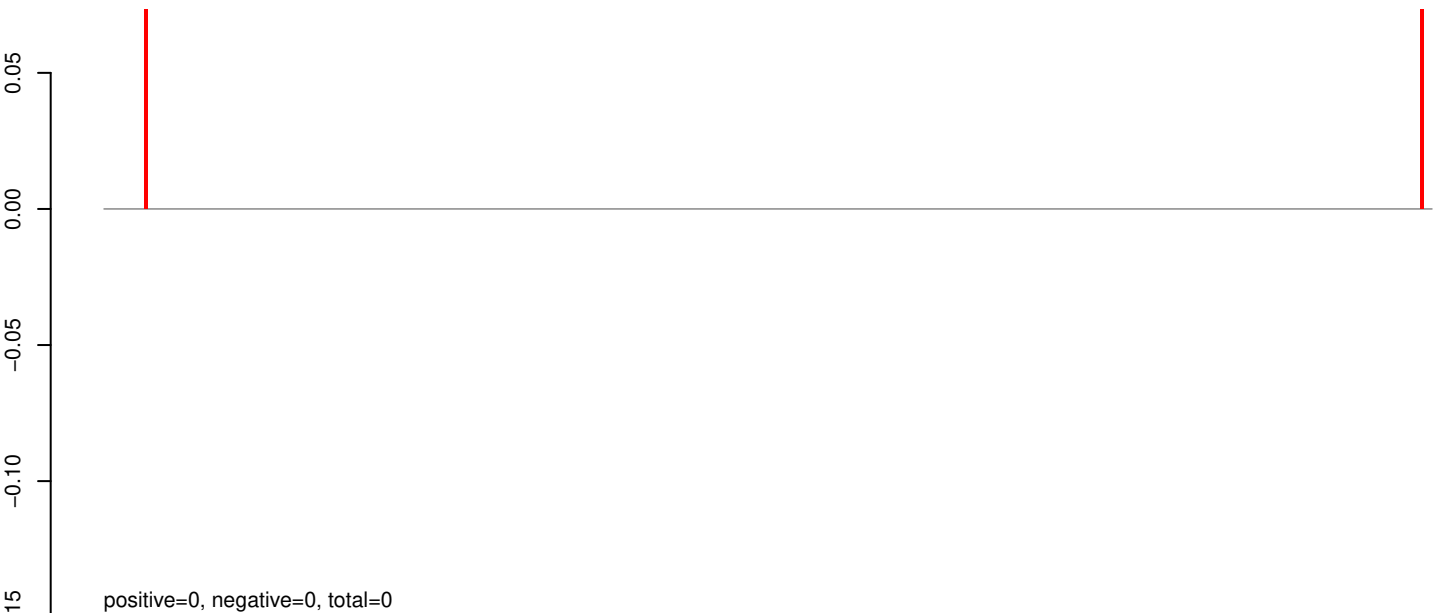
0.00  
-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

Window size=25, length=4548, TE@TF000630-Ty1\_copia\_Ele18:1-4548

0 1000 2000 3000 4000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



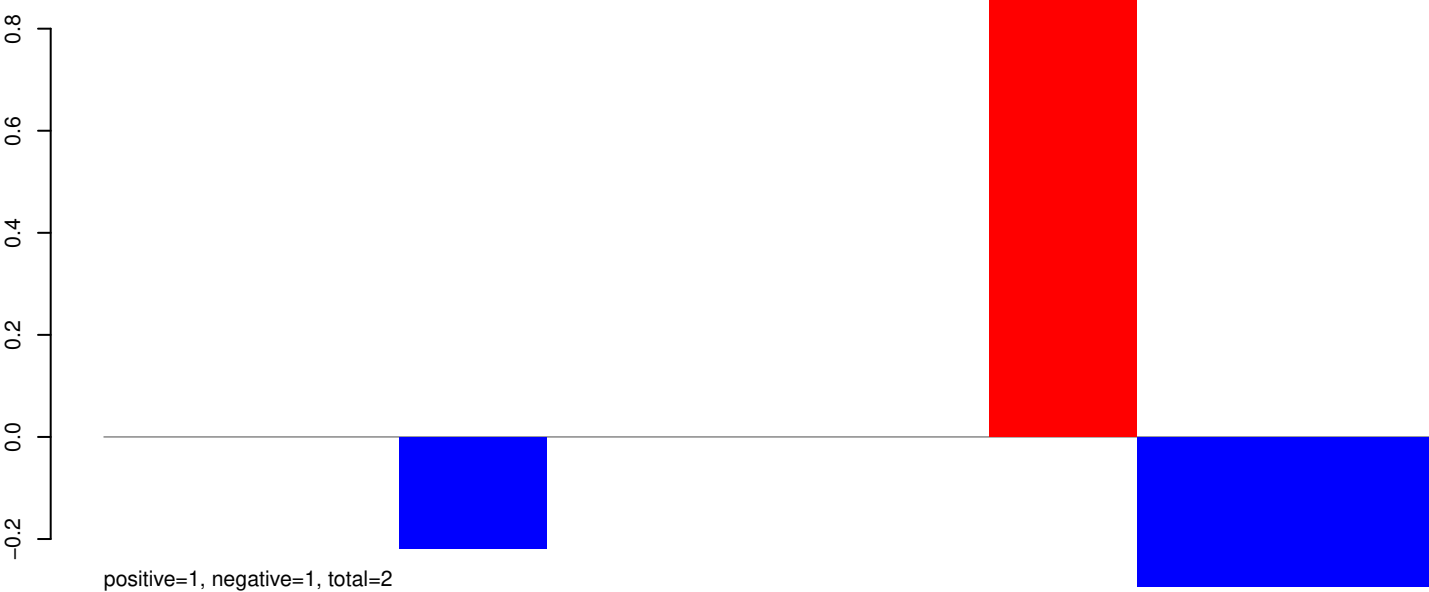
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



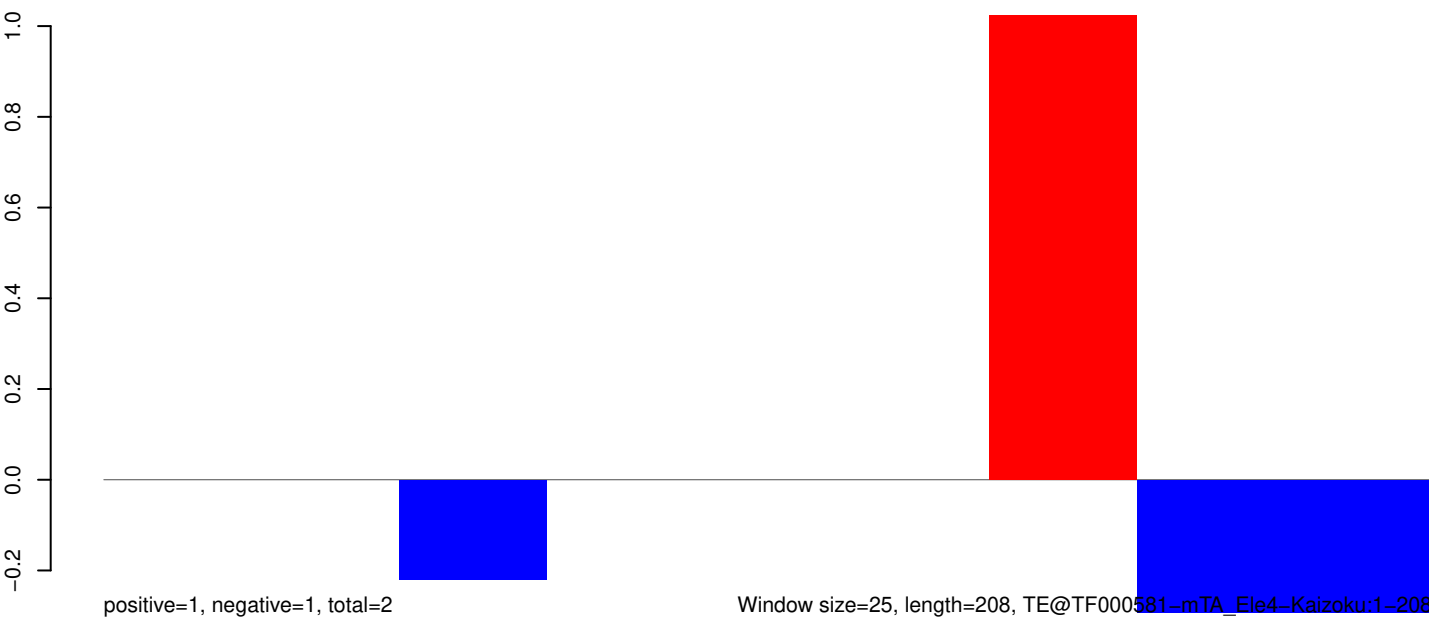
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



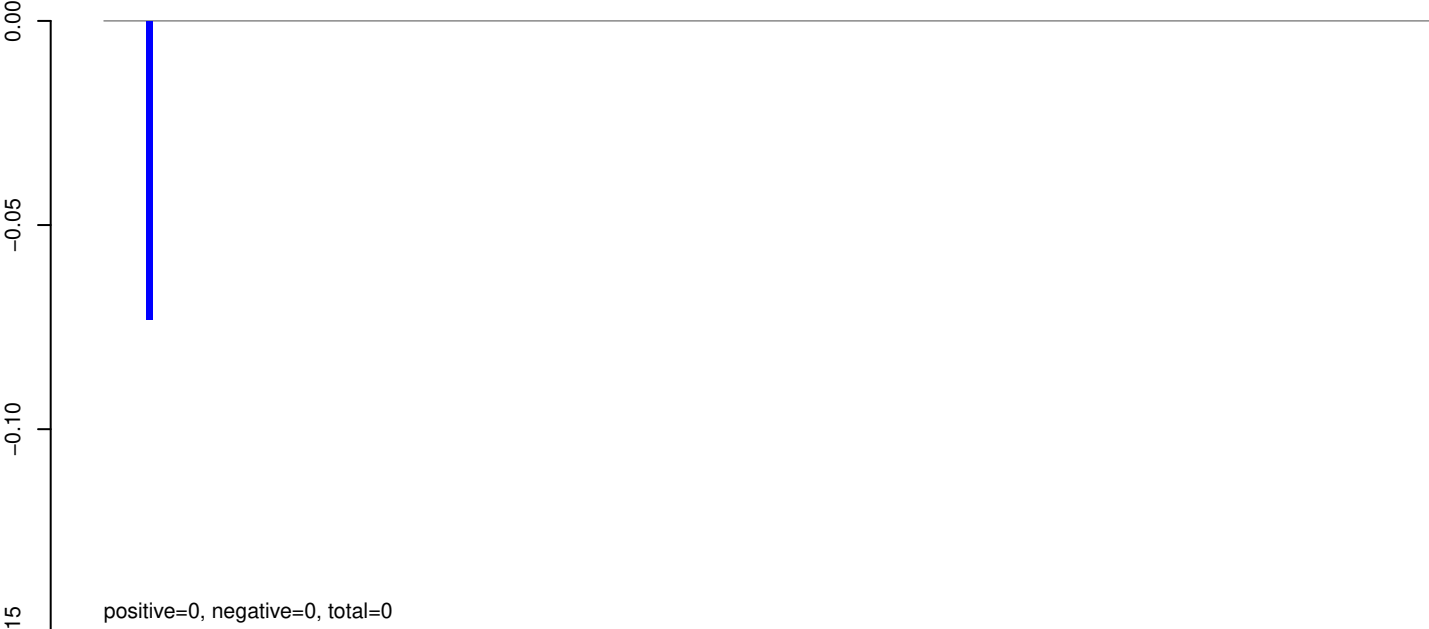
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



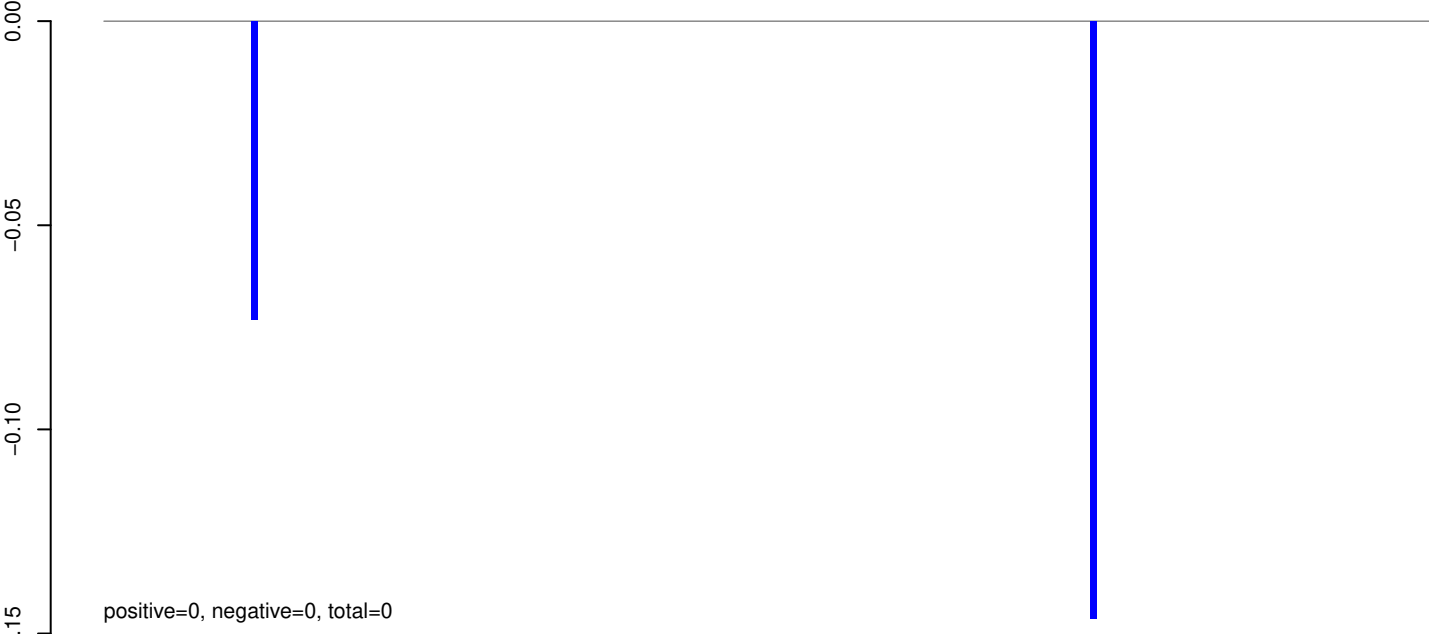
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



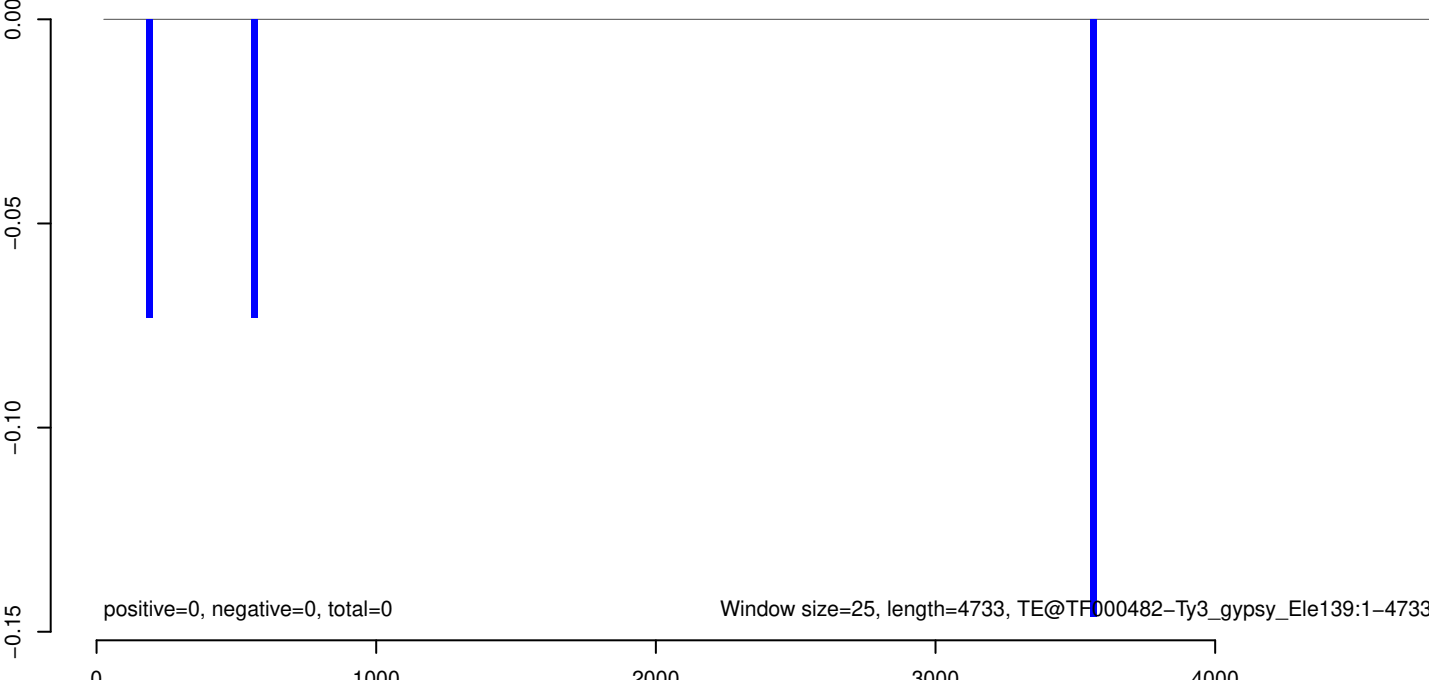
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



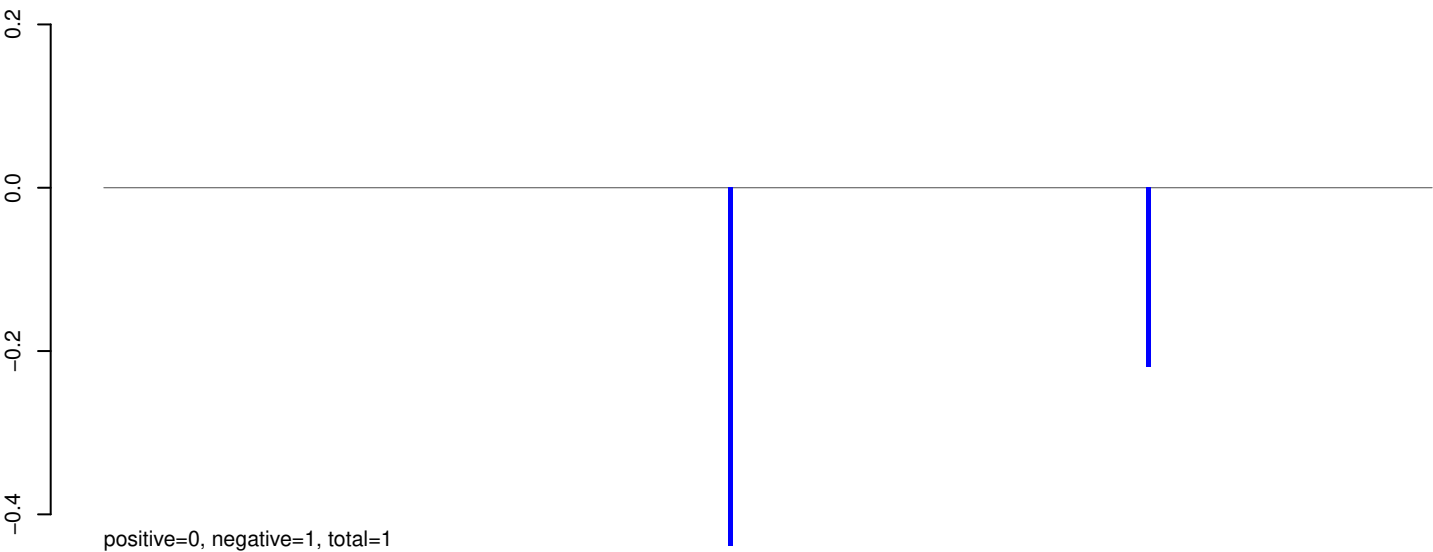
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



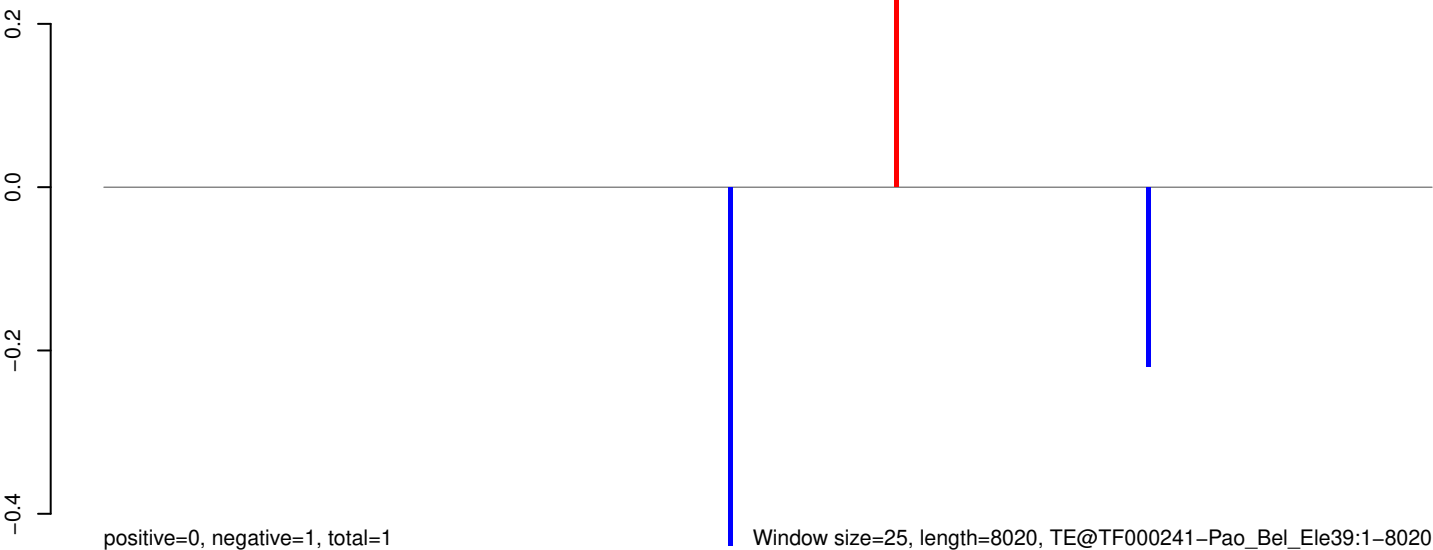
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

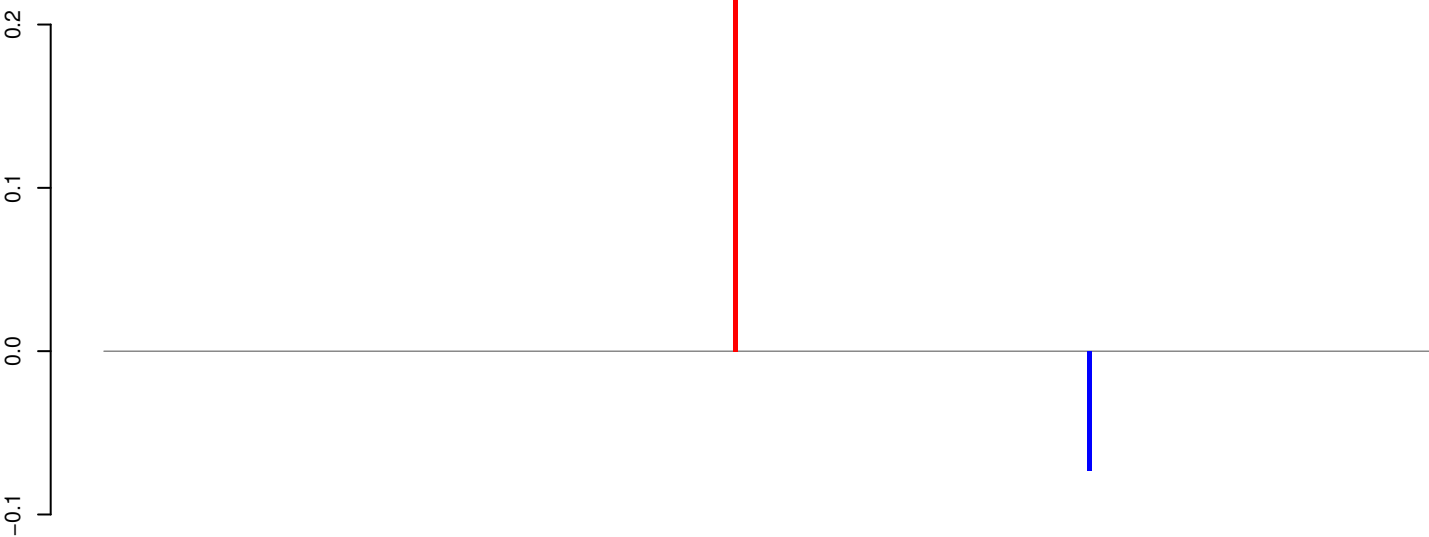


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



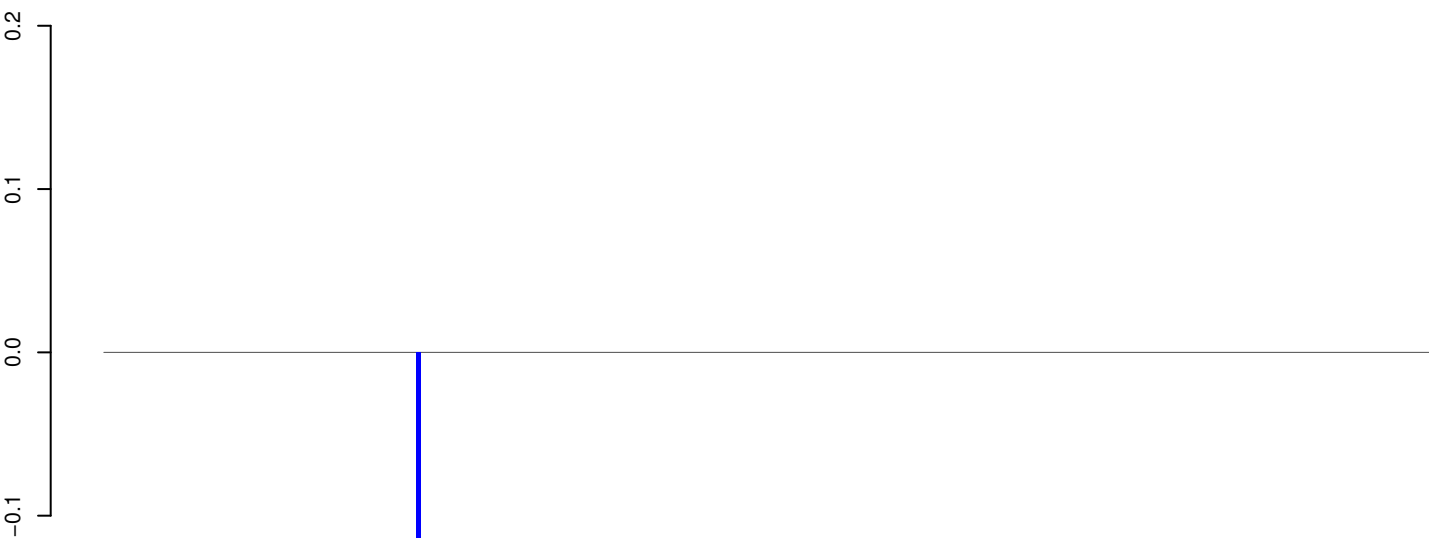


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



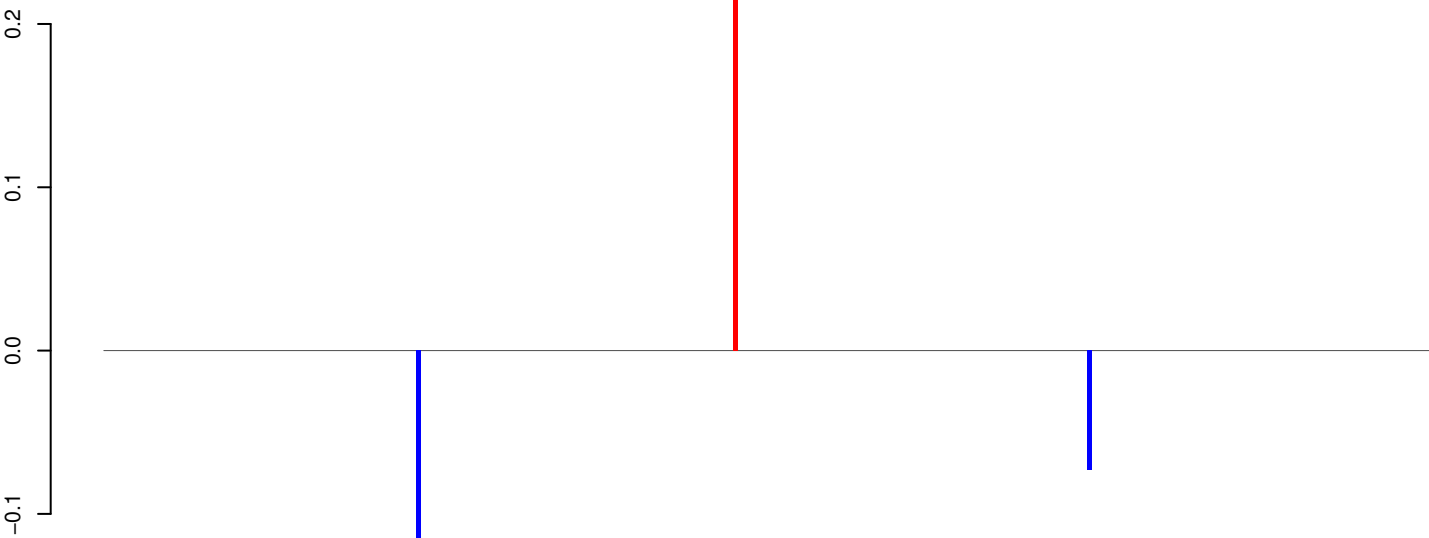
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



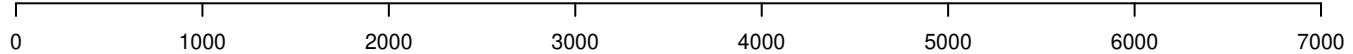
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

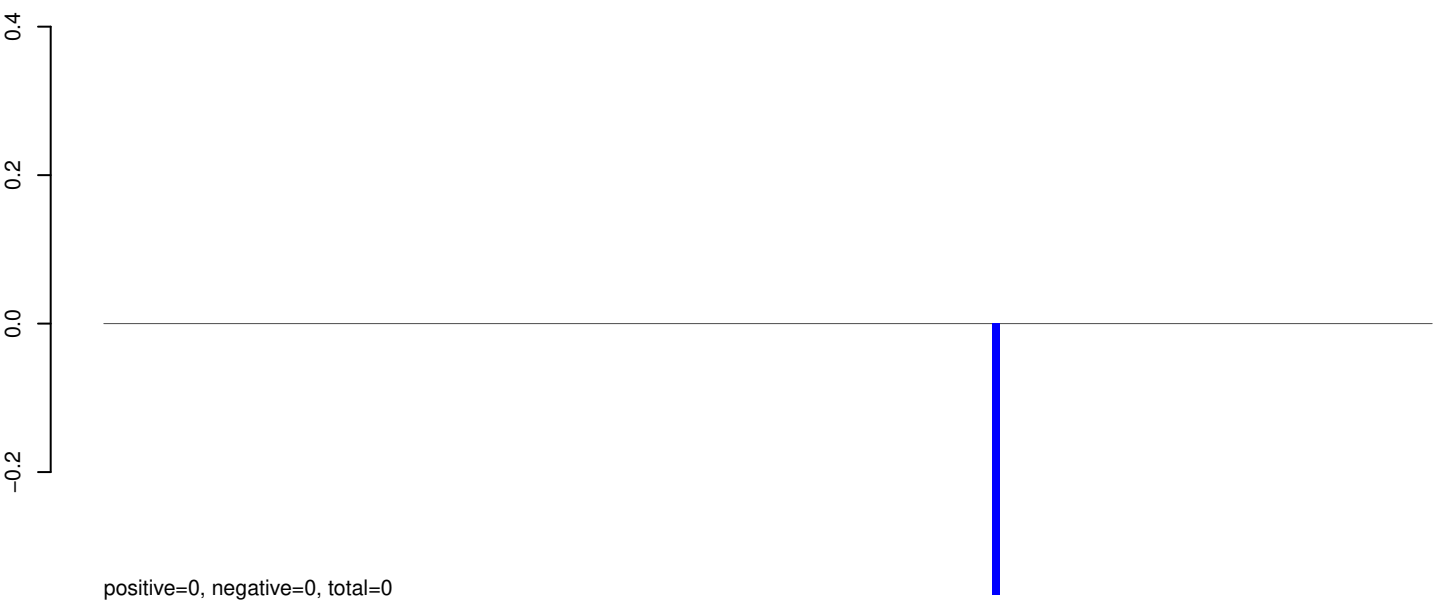


positive=0, negative=0, total=0

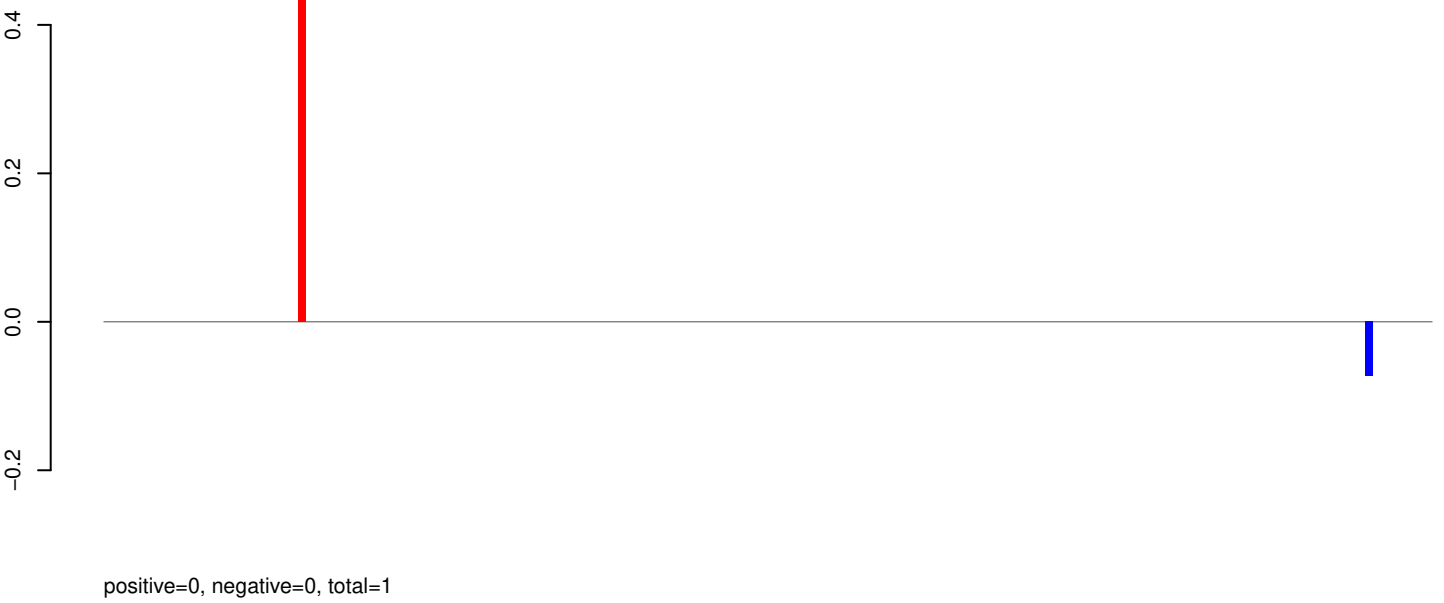
Window size=25, length=7113, TE@TF000121-Ty3\_gypsy\_Ele30:1-7113



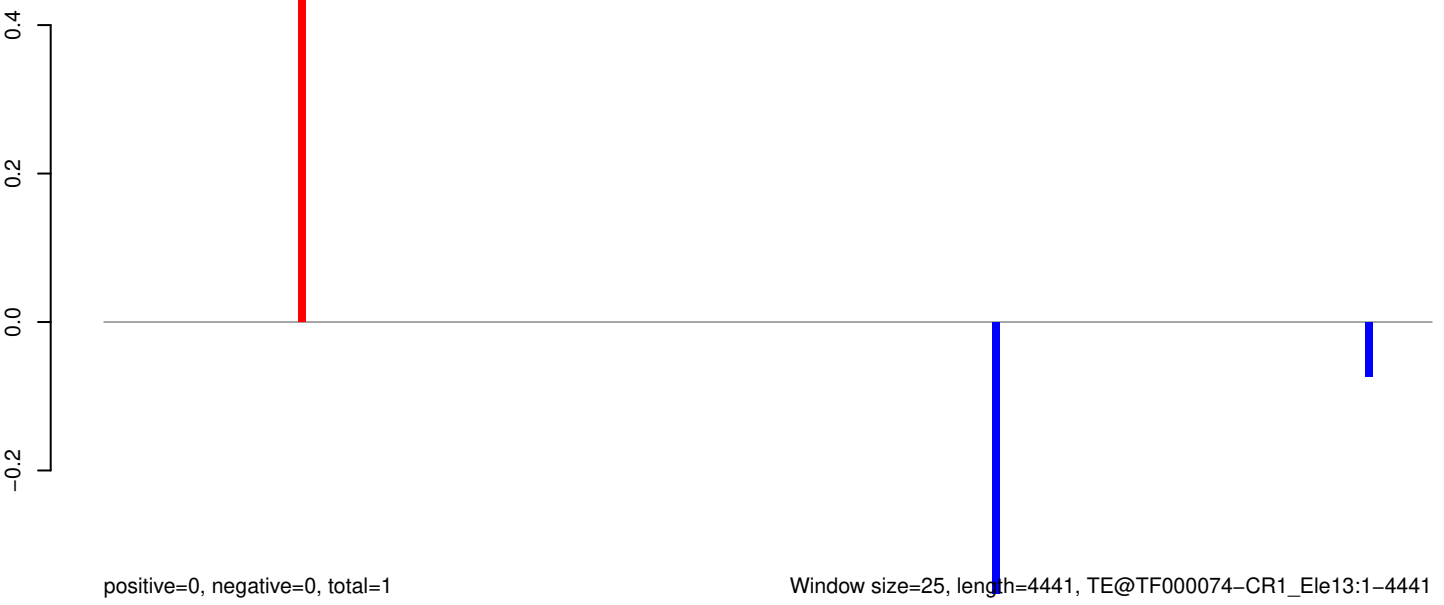
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

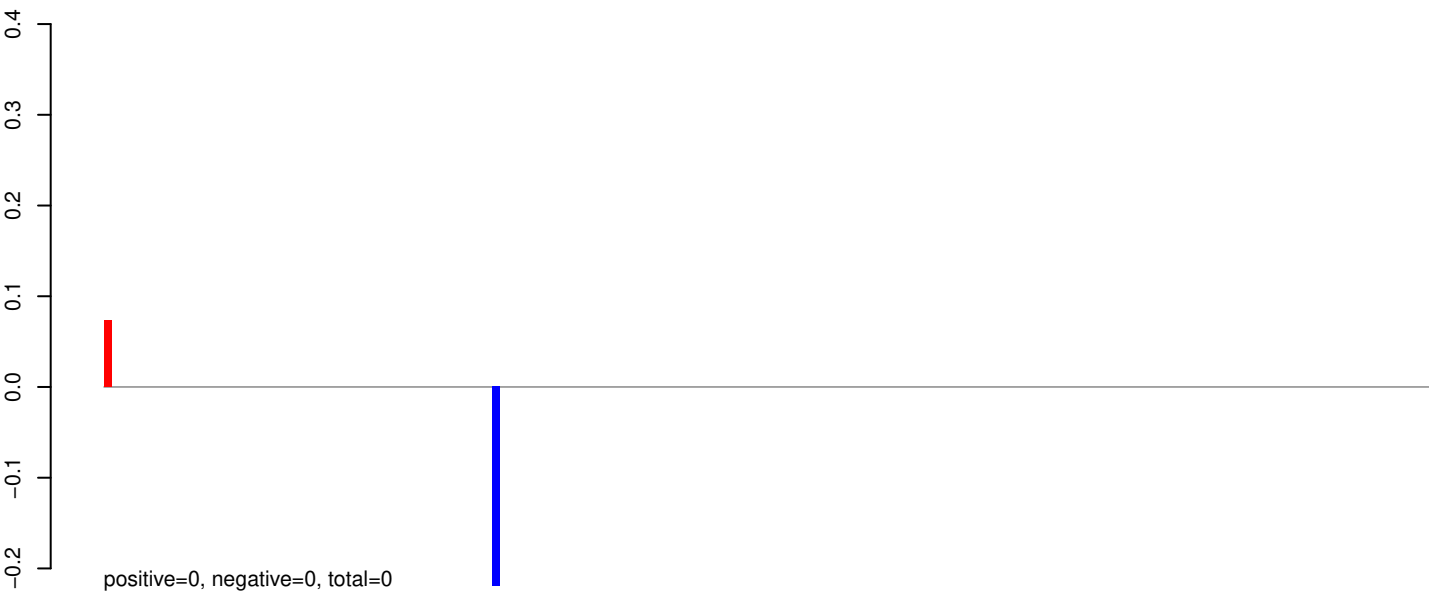


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

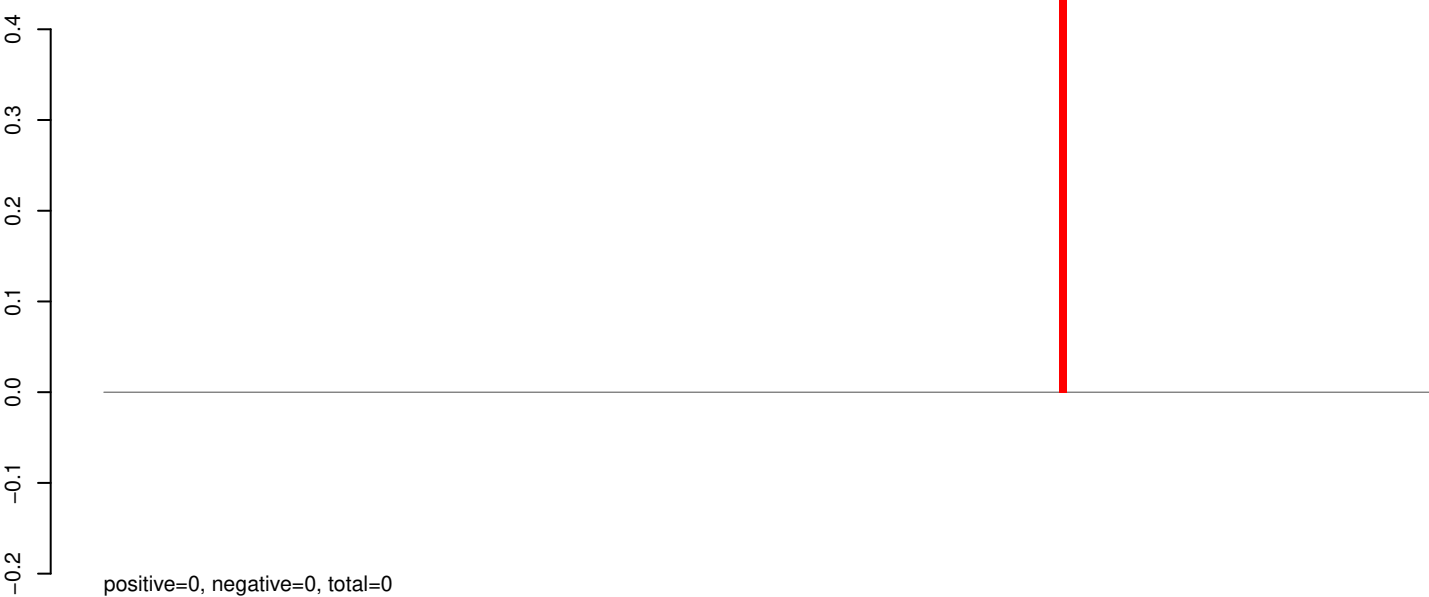


0 1000 2000 3000 4000

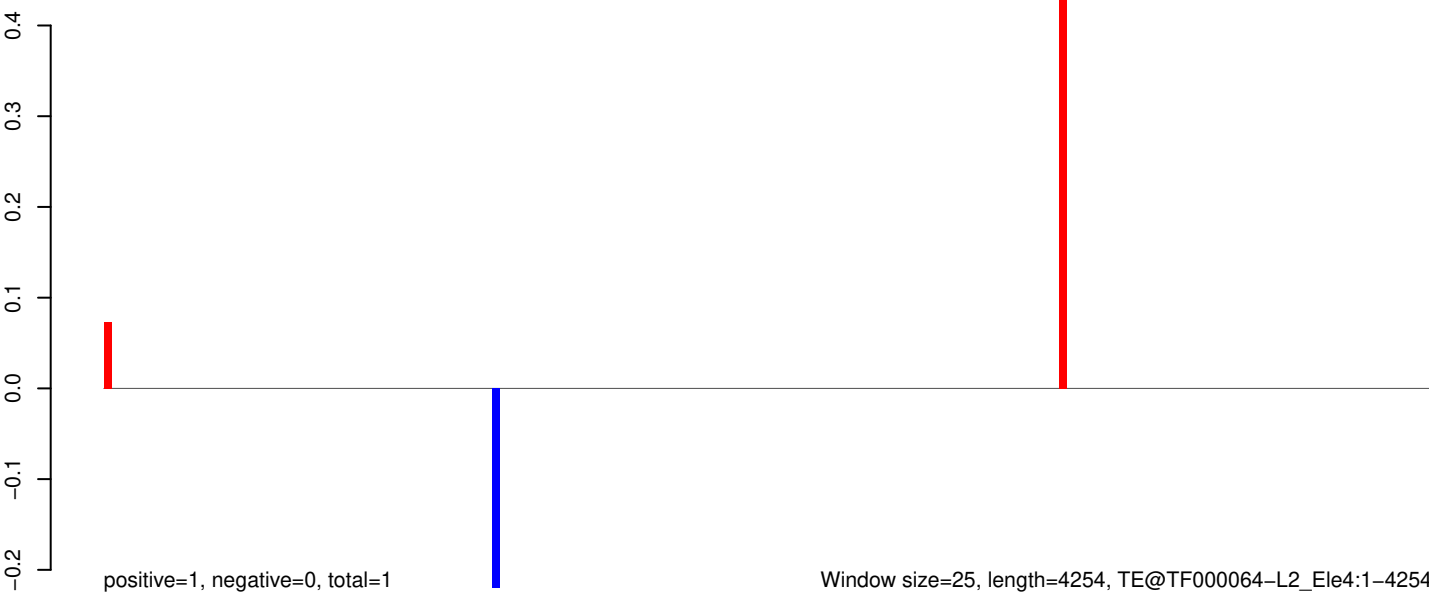
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



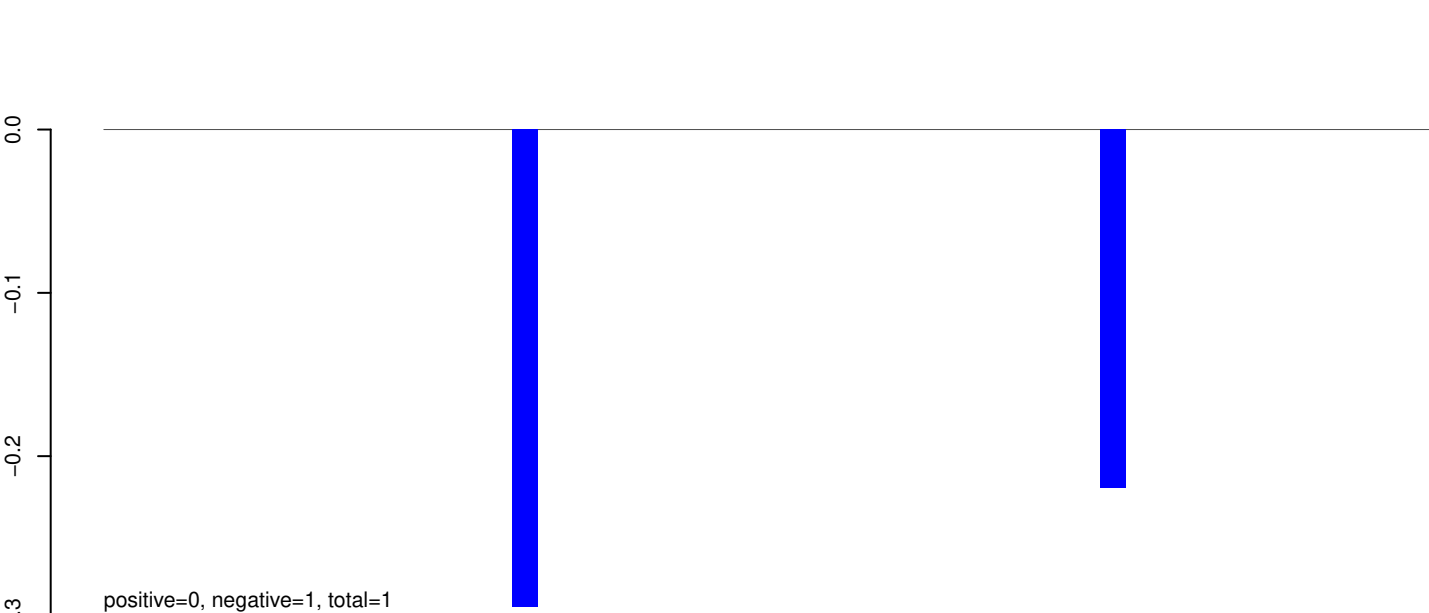
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



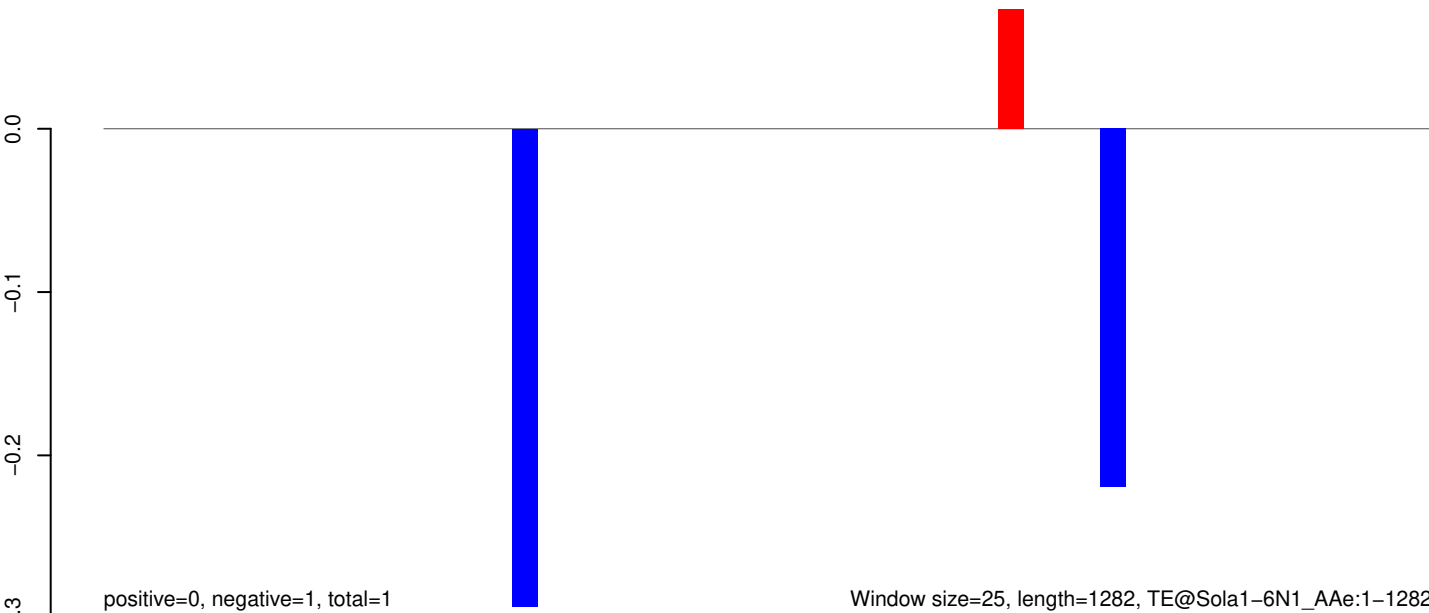
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



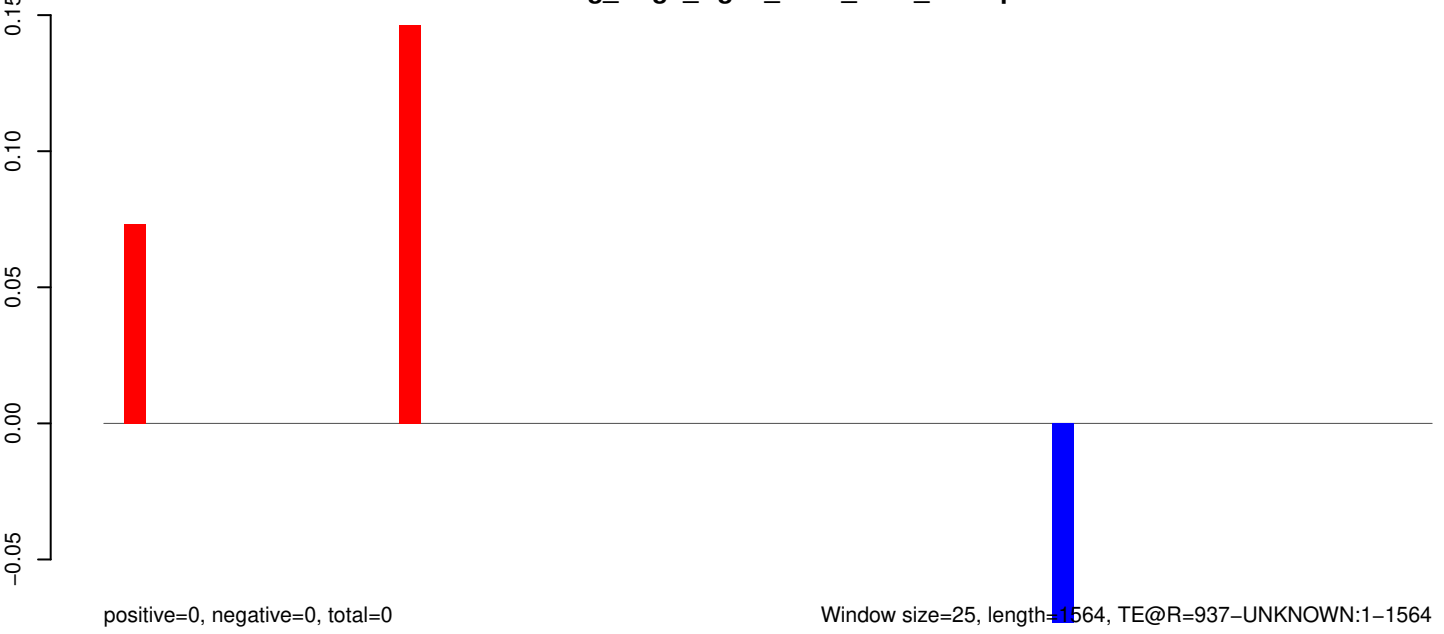
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



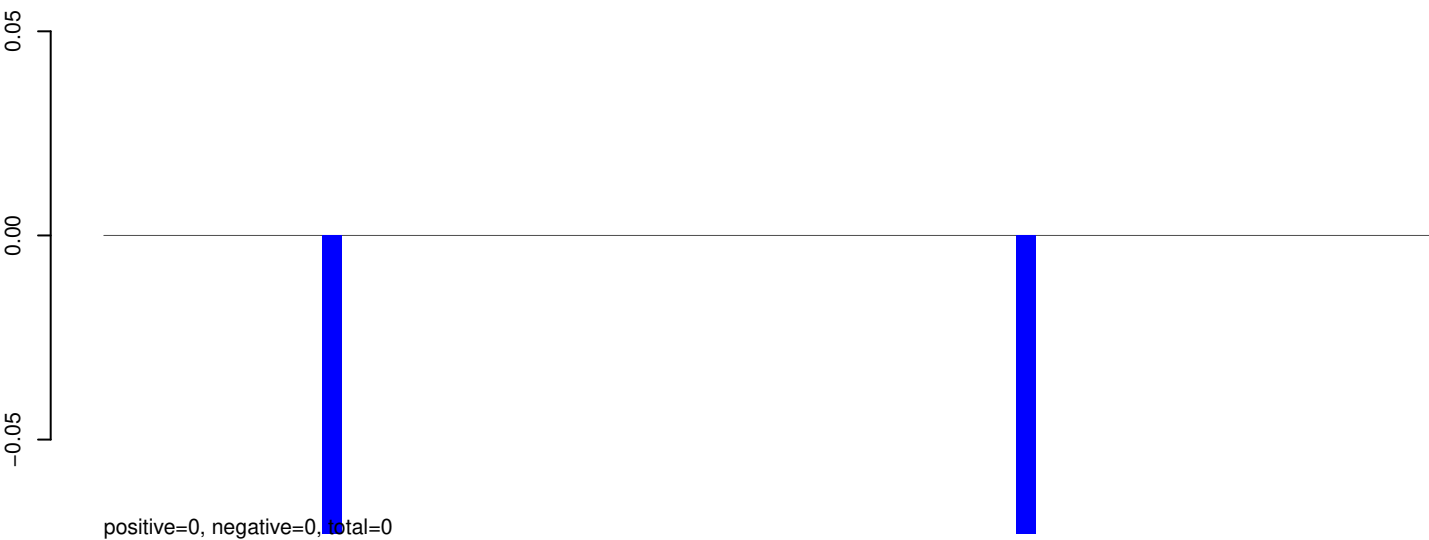
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



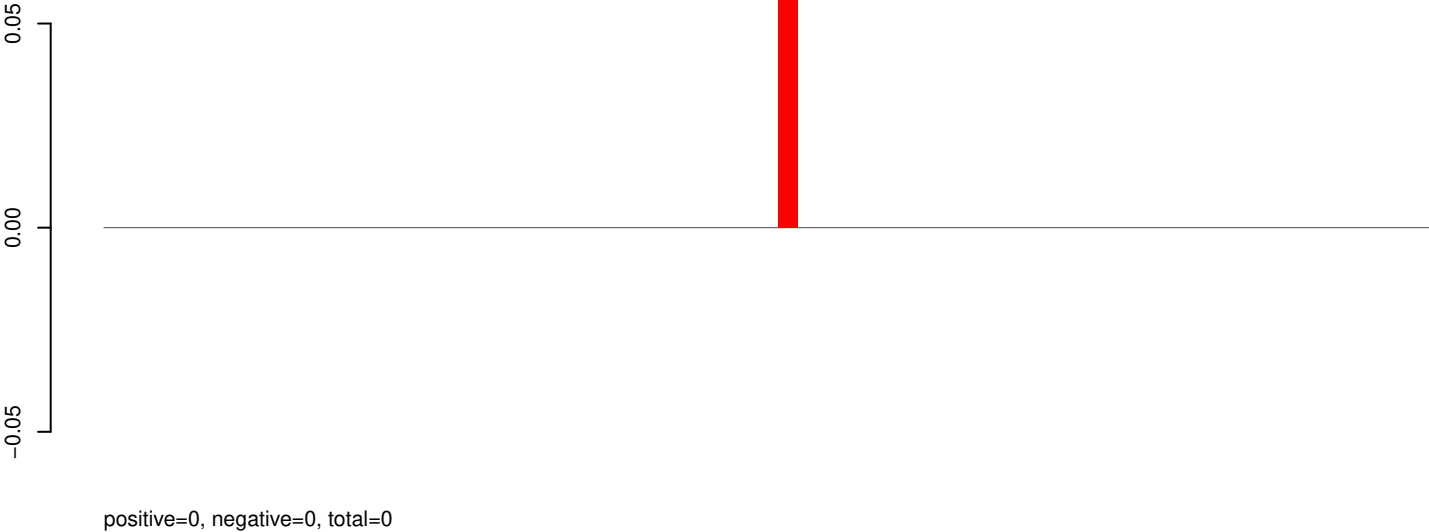
Window size=25, length=1564, TE@R=937-UNKNOWN:1-1564

0 500 1000 1500

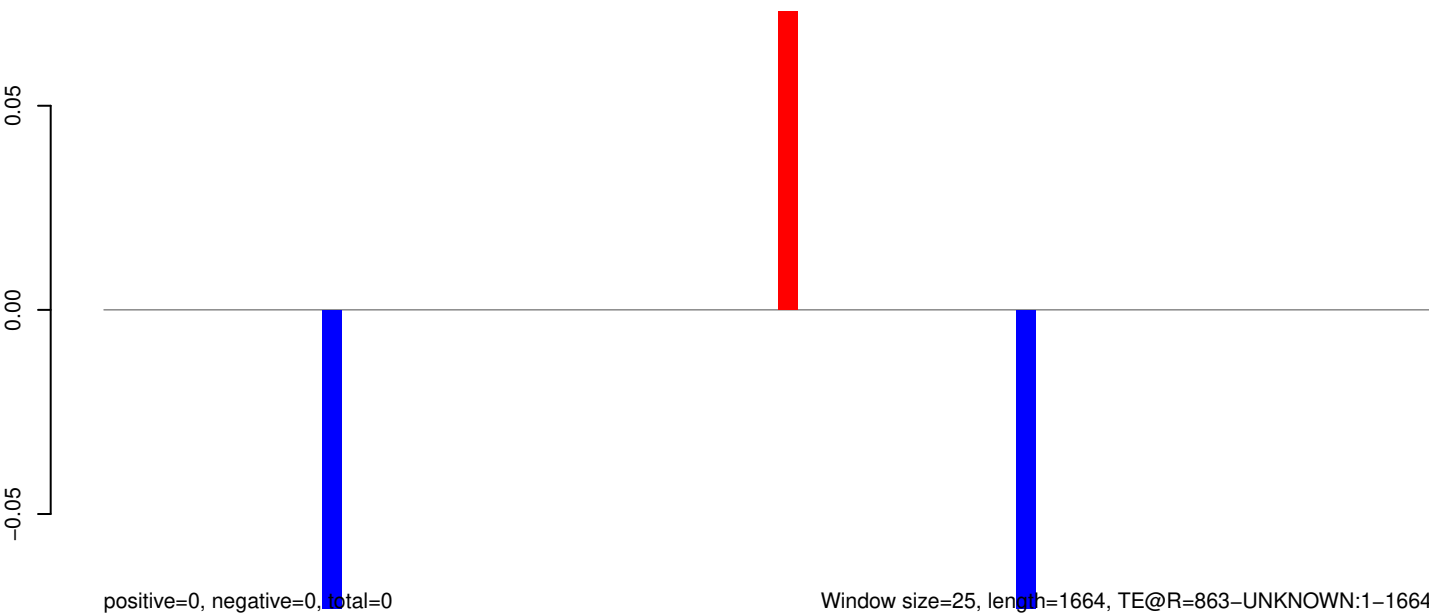
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



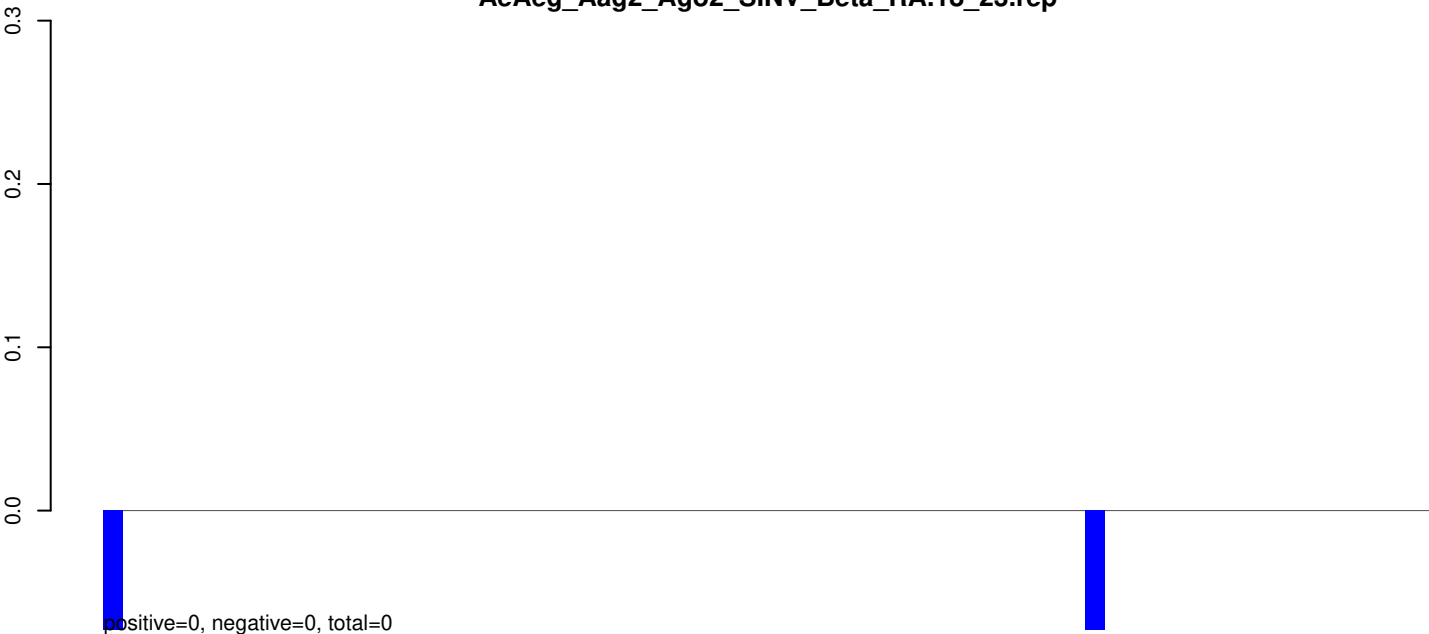
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



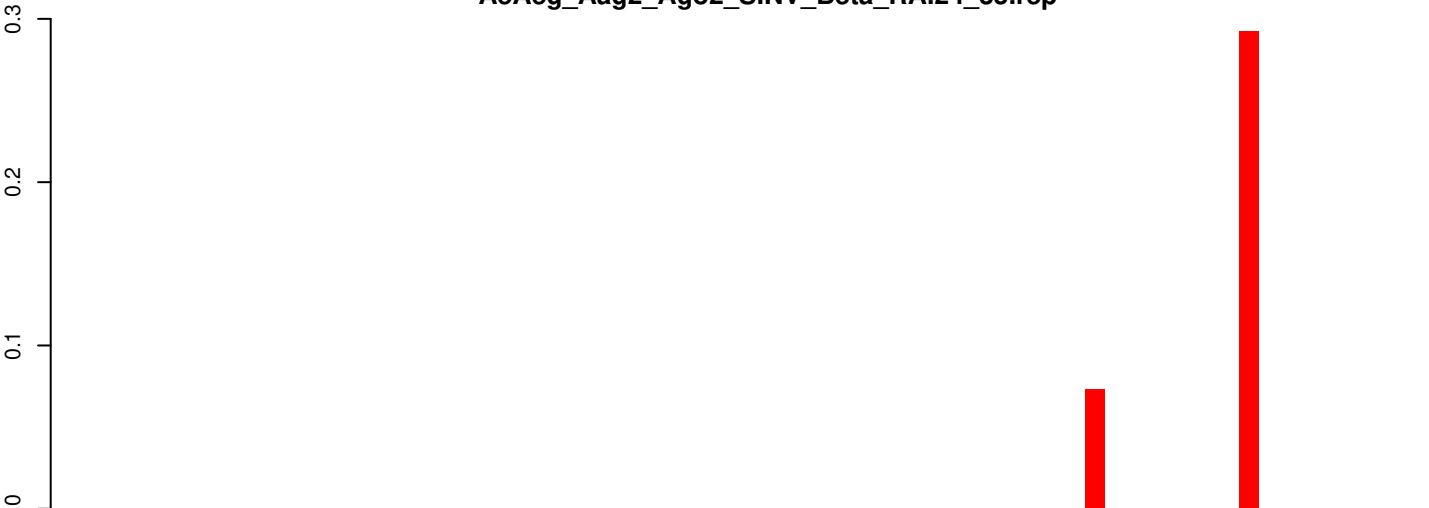
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

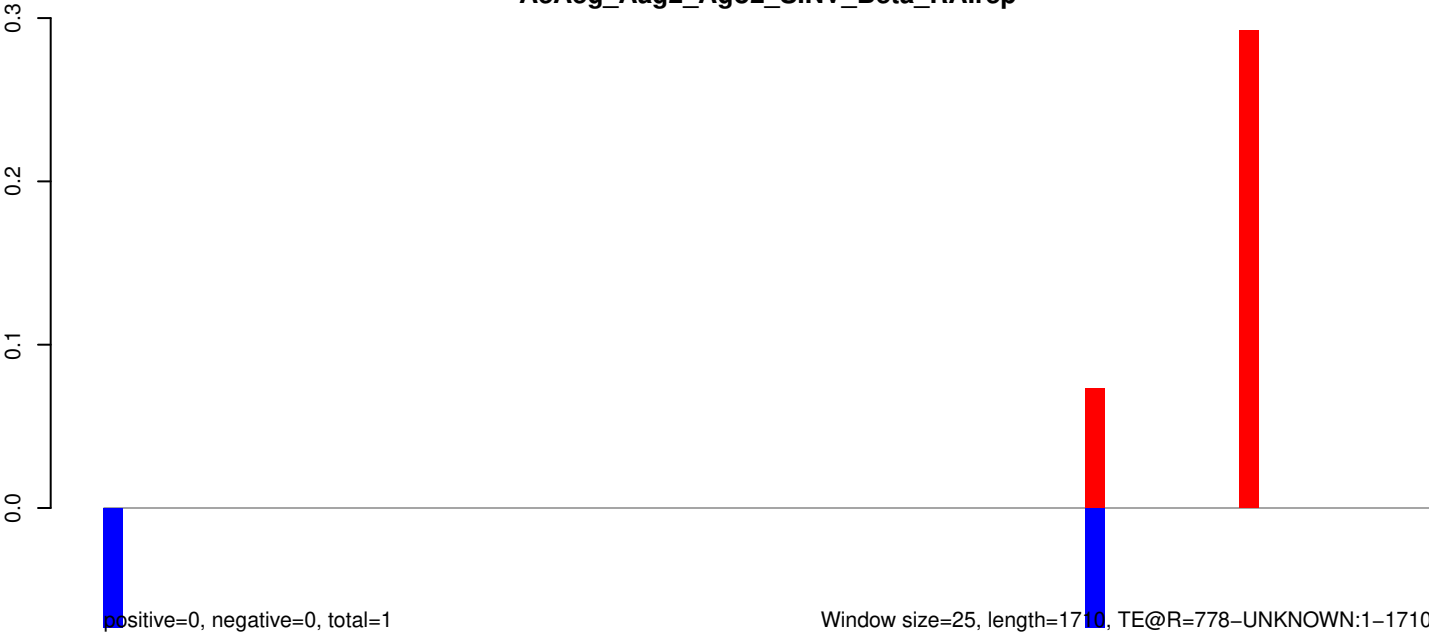


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



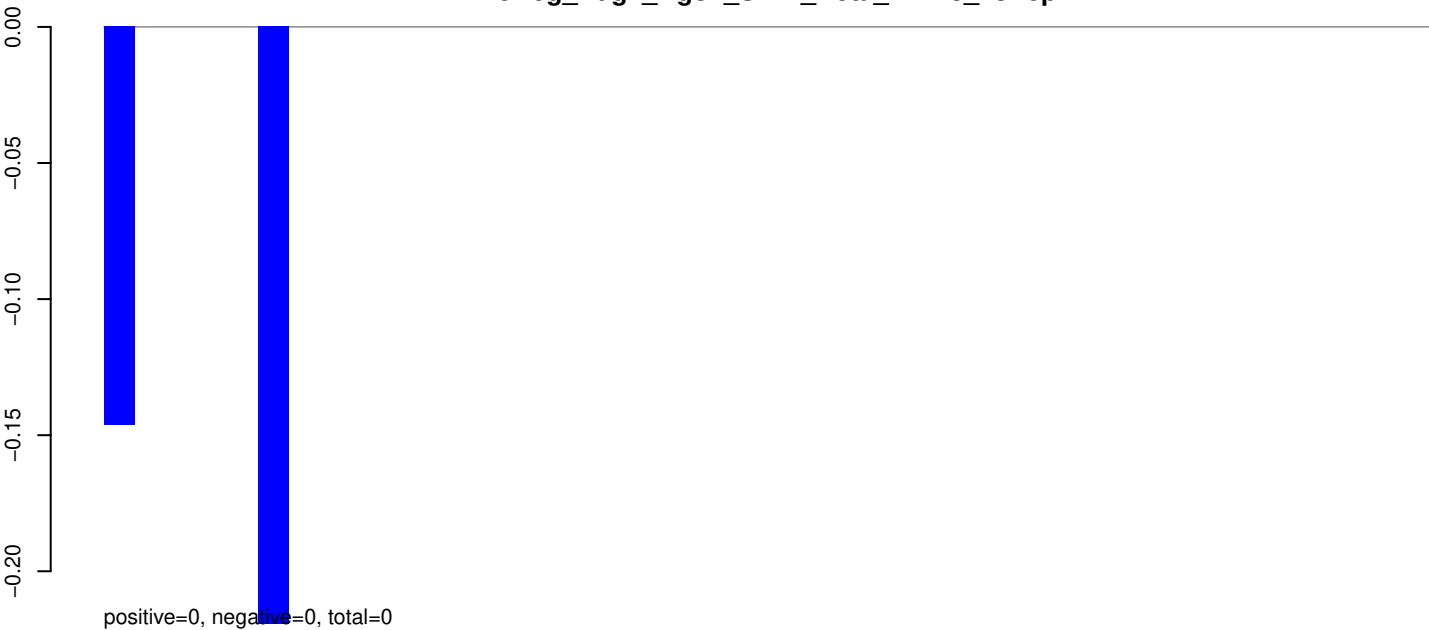
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

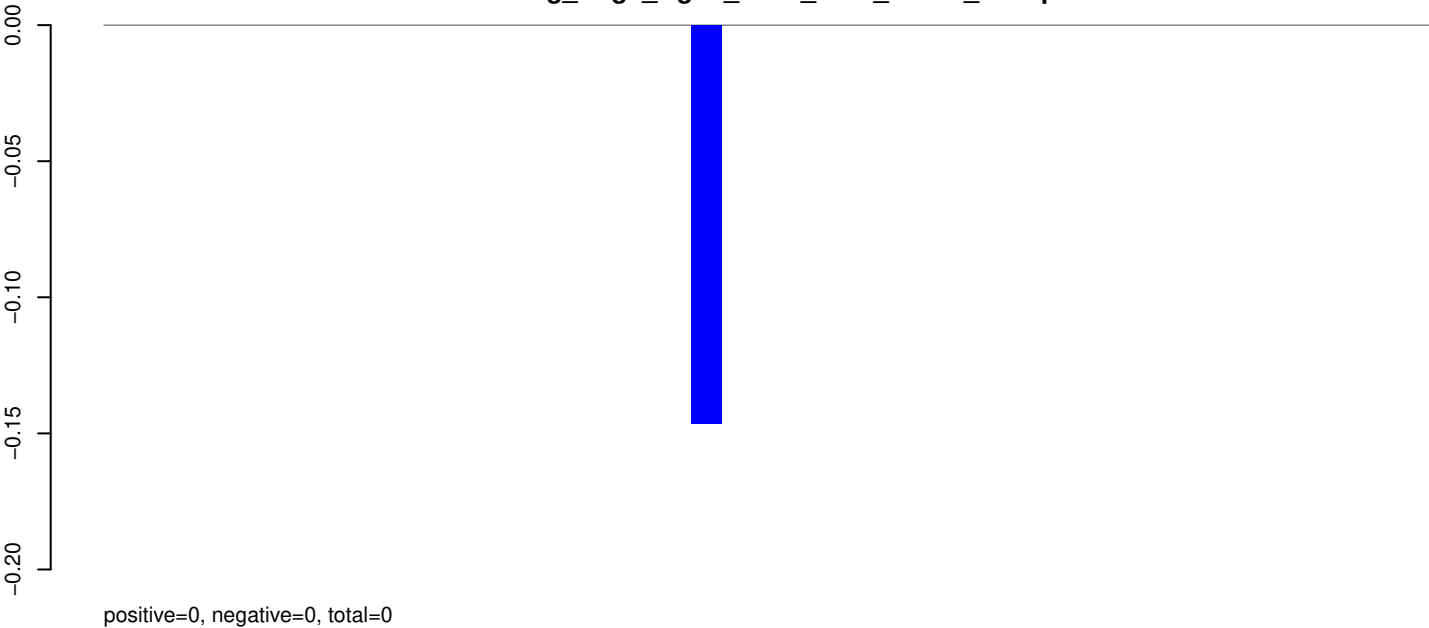


Window size=25, length=1710, TE@R=778-UNKNOWN:1-1710

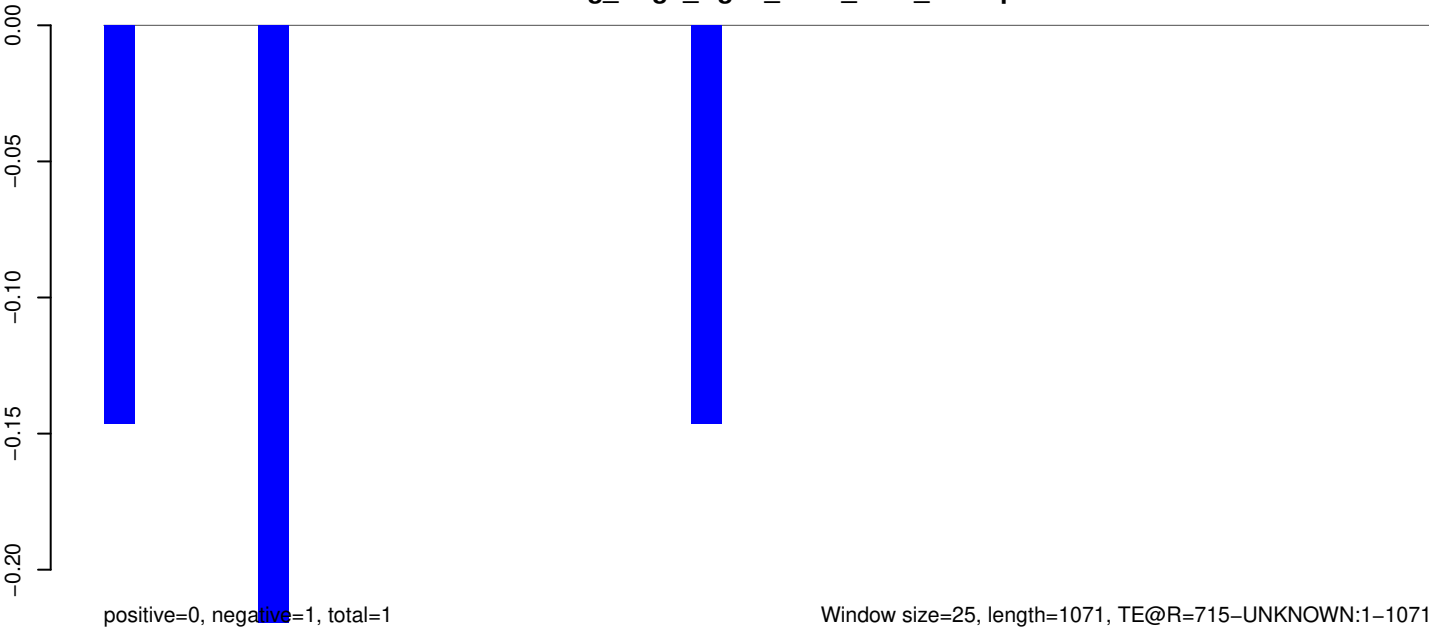
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

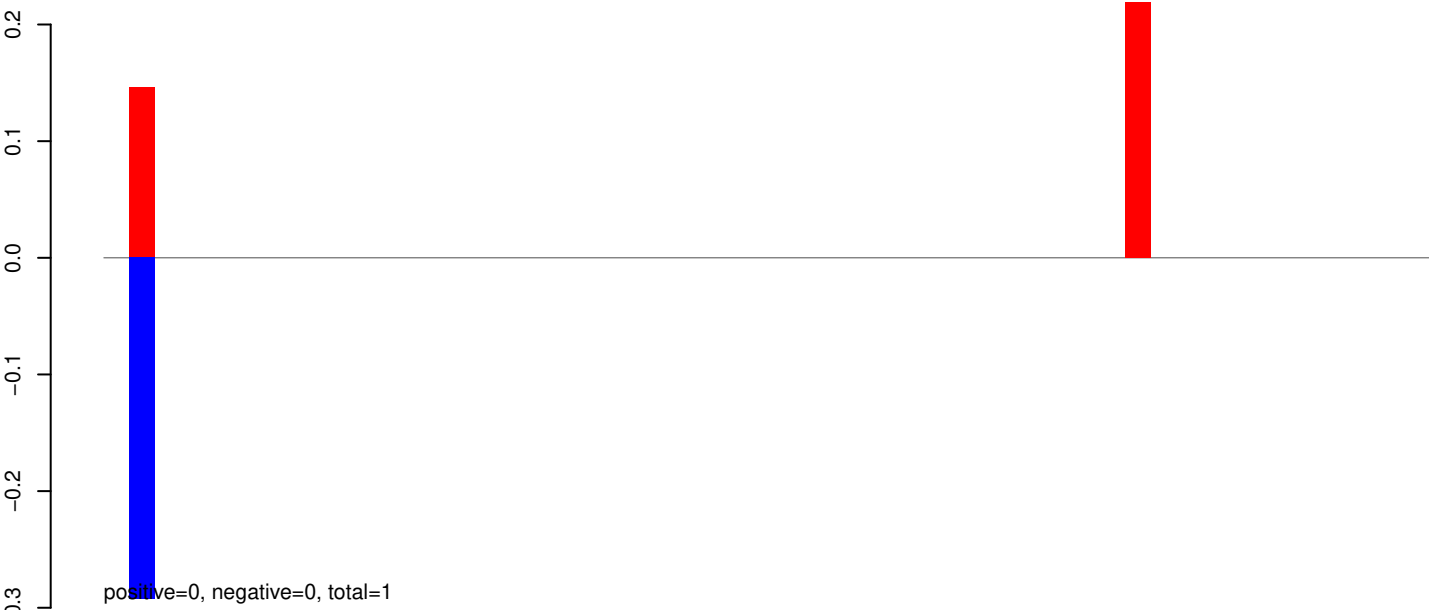


Window size=25, length=1071, TE@R=715-UNKNOWN:1-1071

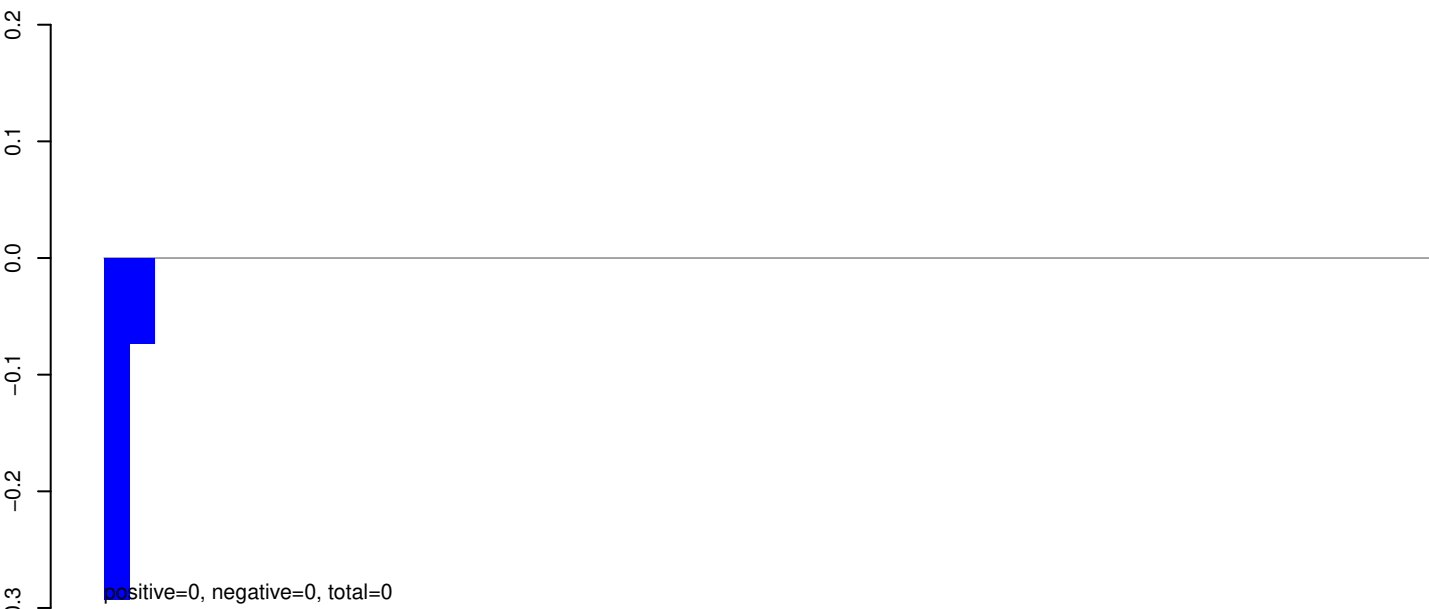
0 200 400 600 800 1000



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



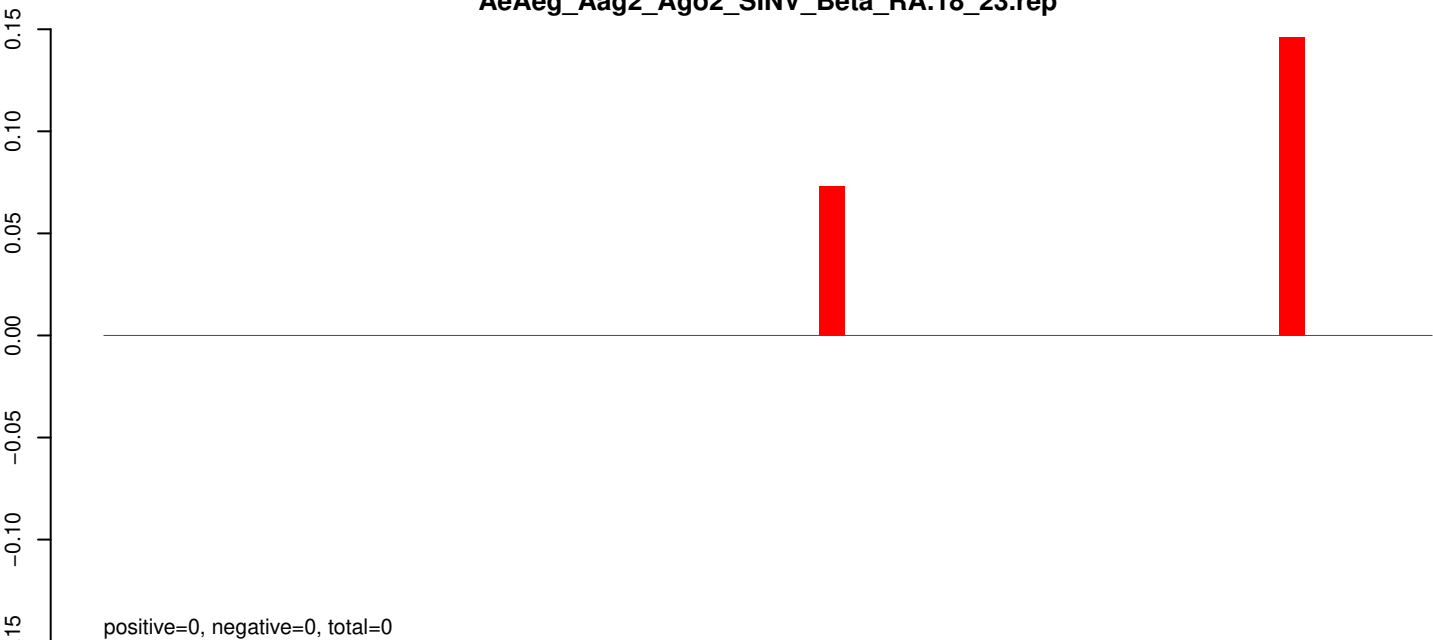
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



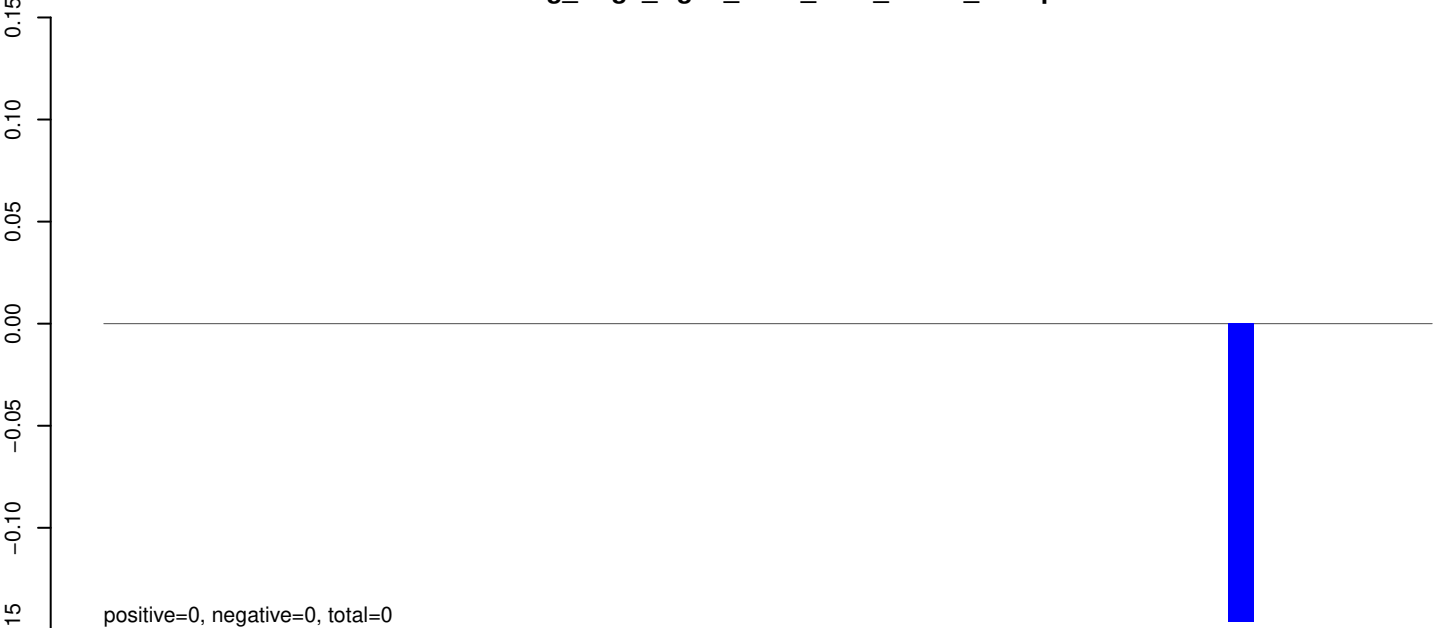
Window size=25, length=1282, TE@R=607-UNKNOWN:1-1282

0 200 400 600 800 1000 1200

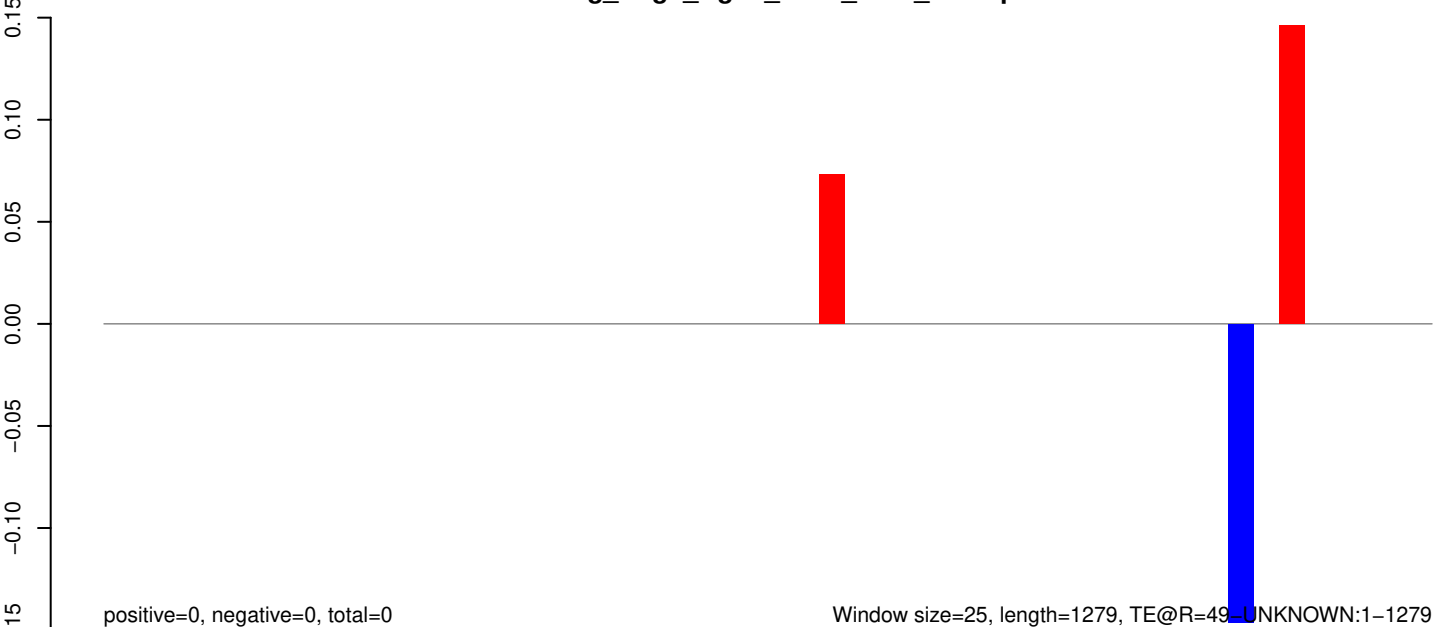
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

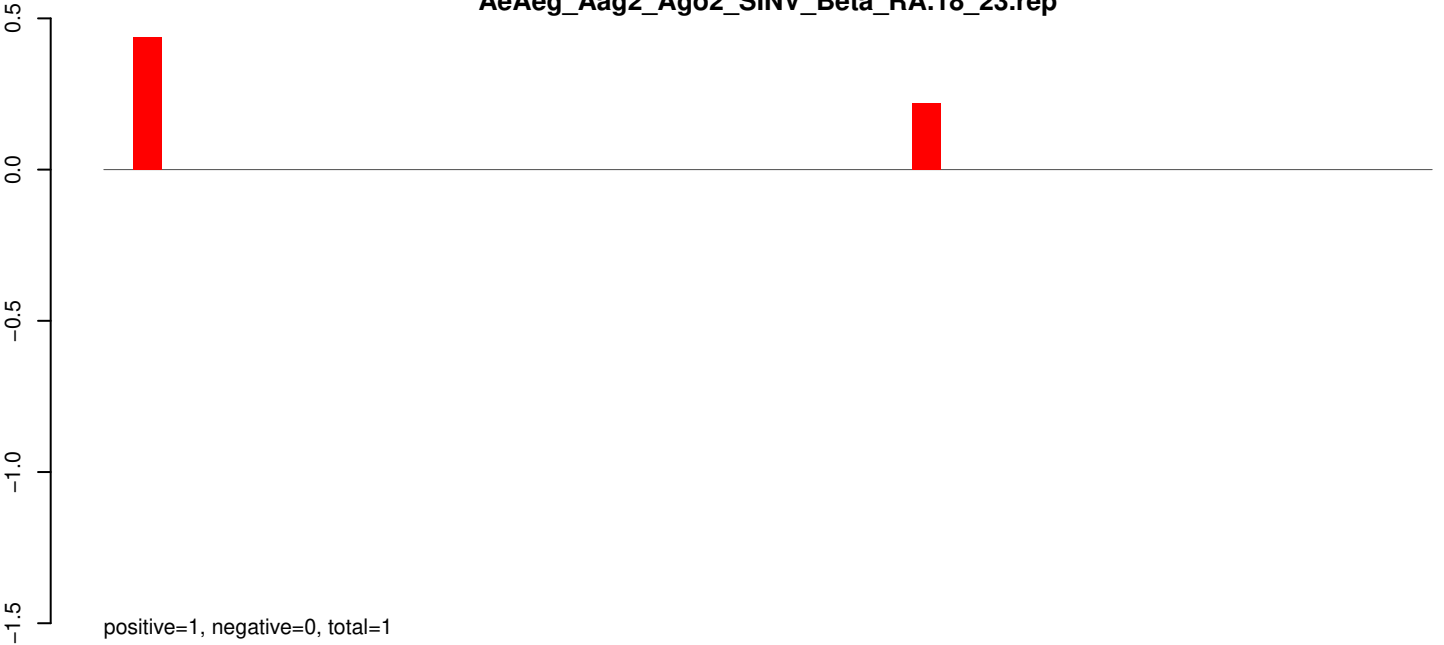


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



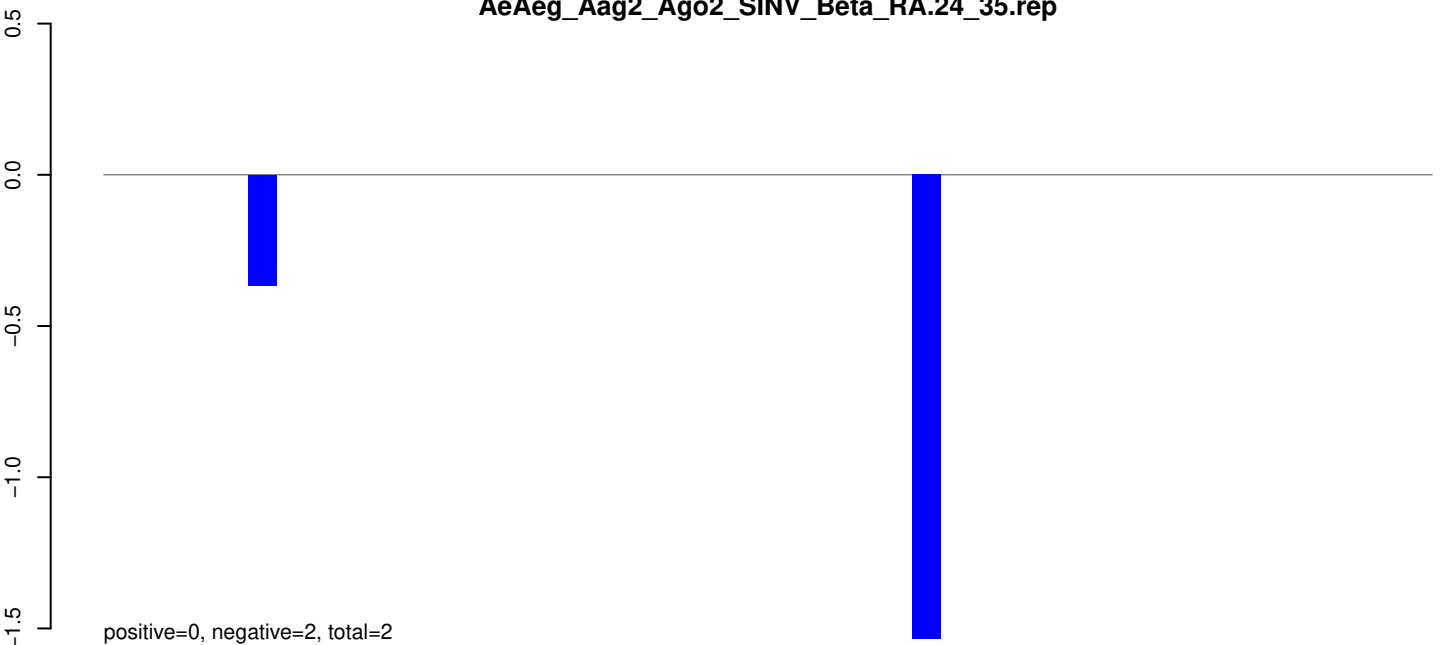
Window size=25, length=1279, TE@R=49, UNKNOWN:1-1279

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



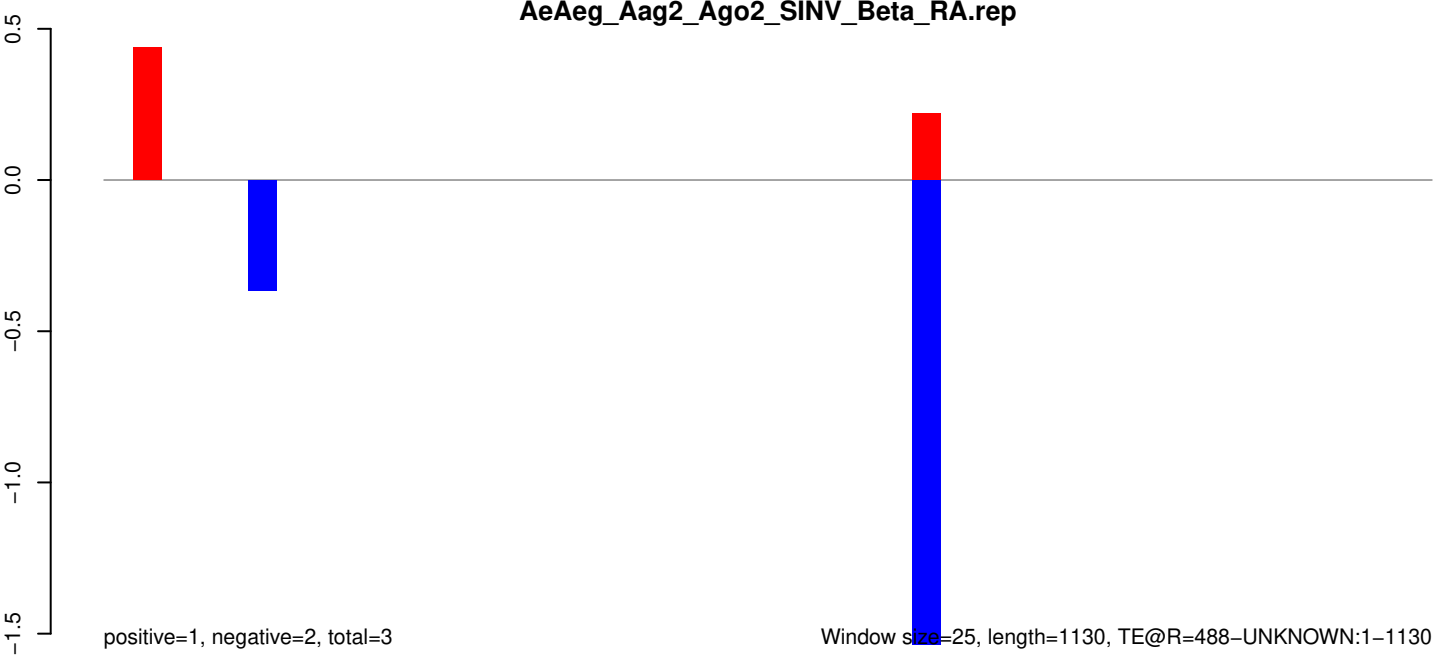
positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=2, total=2

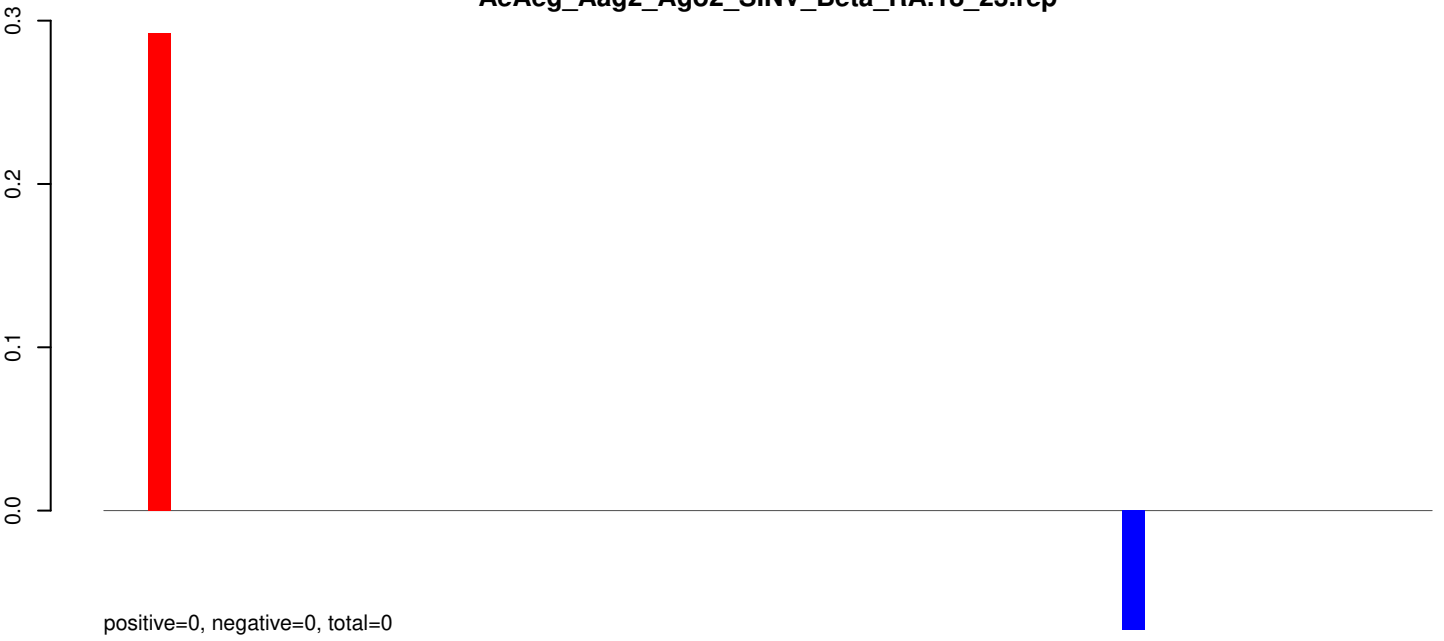
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



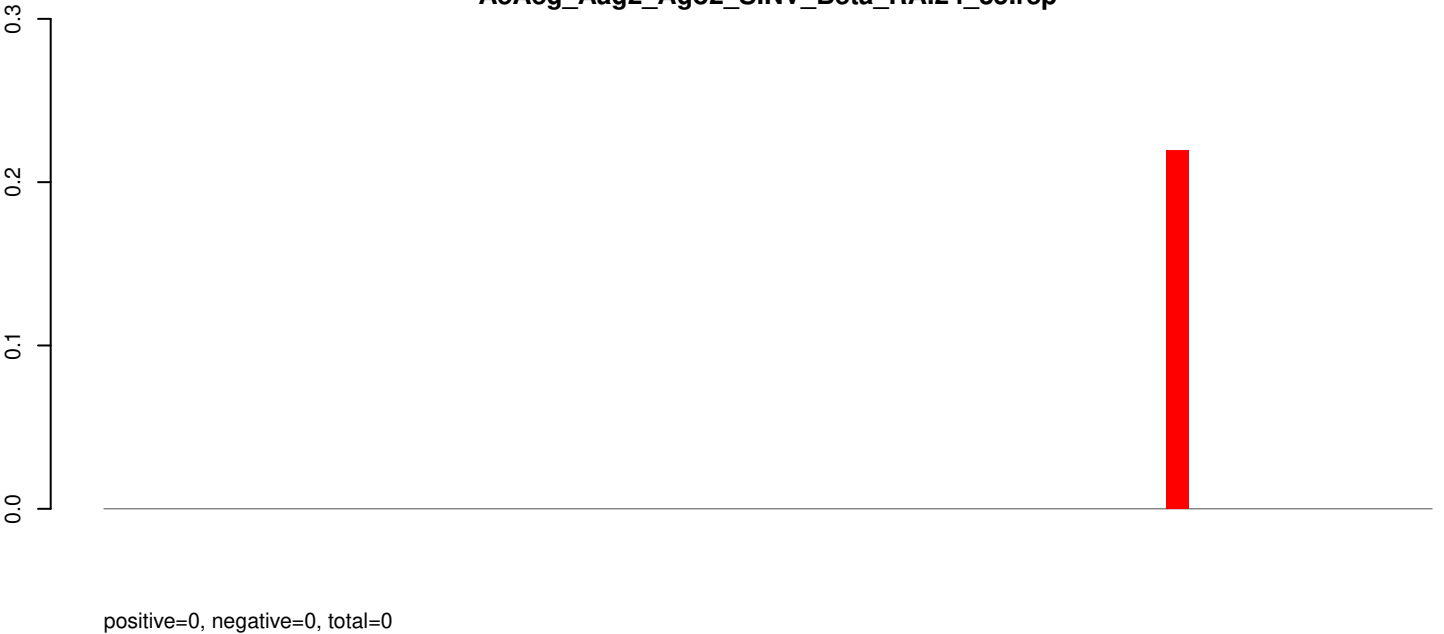
positive=1, negative=2, total=3

Window size=25, length=1130, TE@R=488-UNKNOWN:1-1130

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



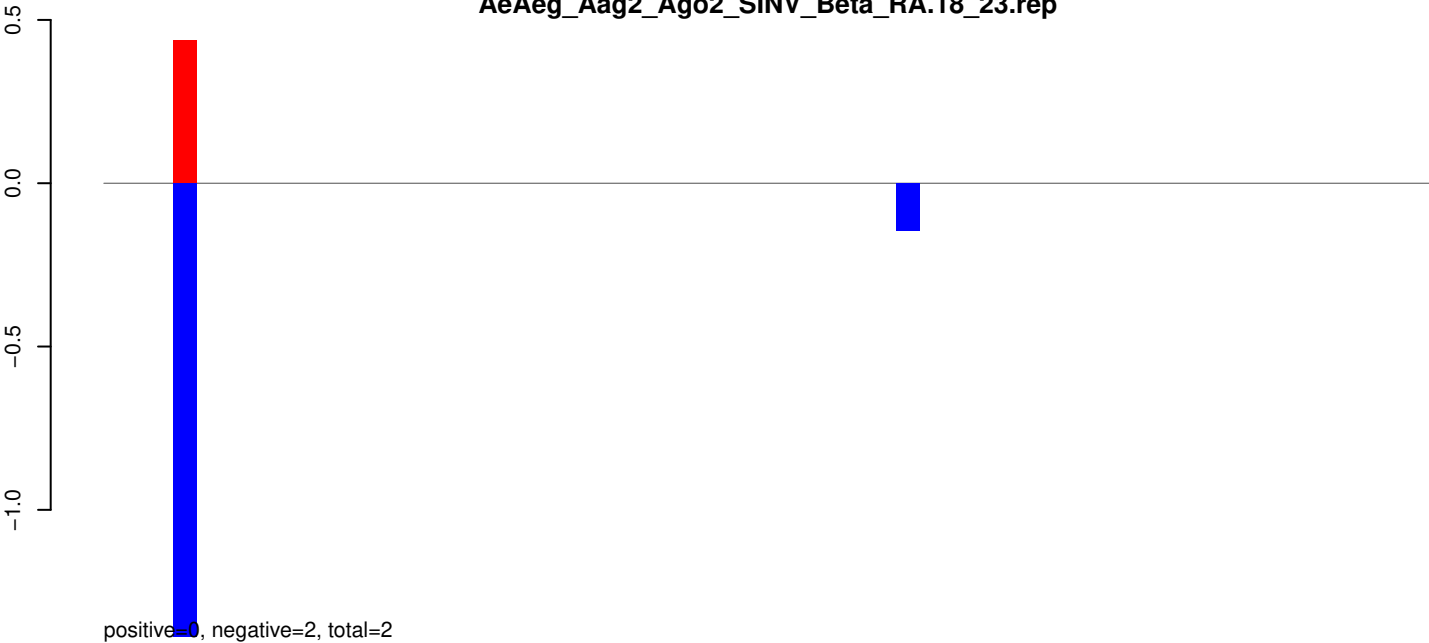
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



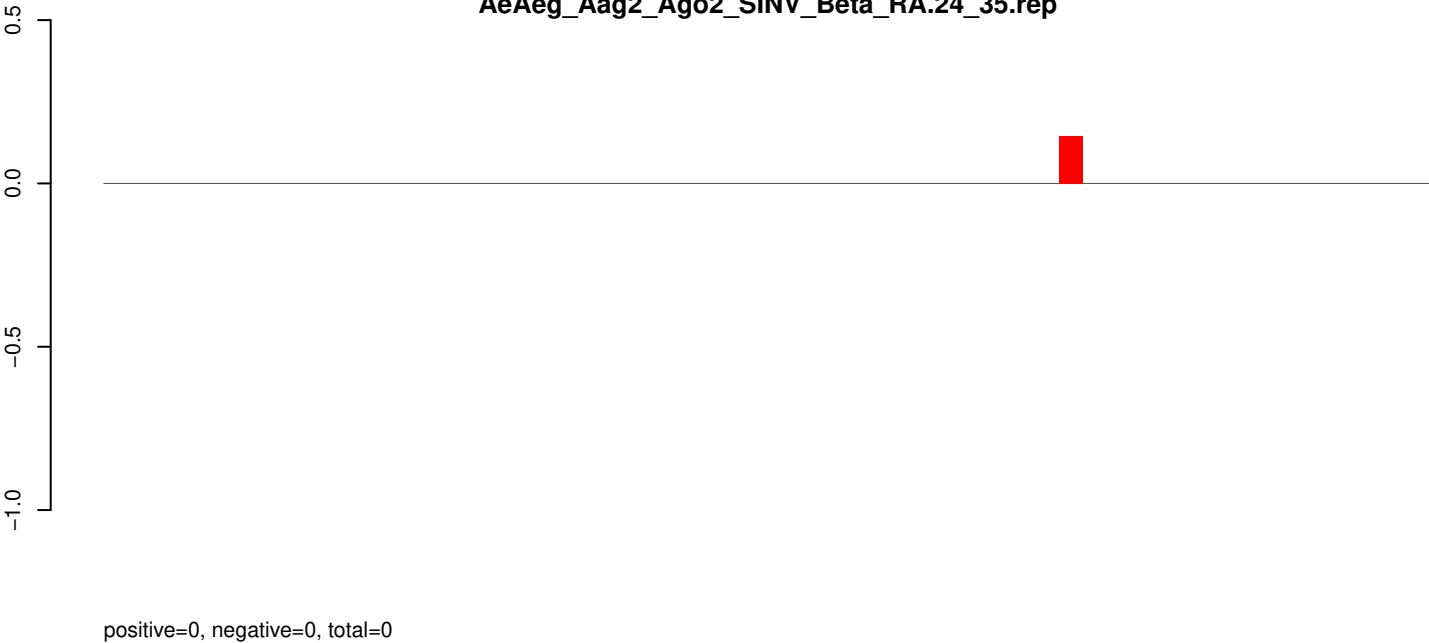
Window size=25, length=1497, TE@R=151-UNKNOWN:1-1497

0 500 1000 1500

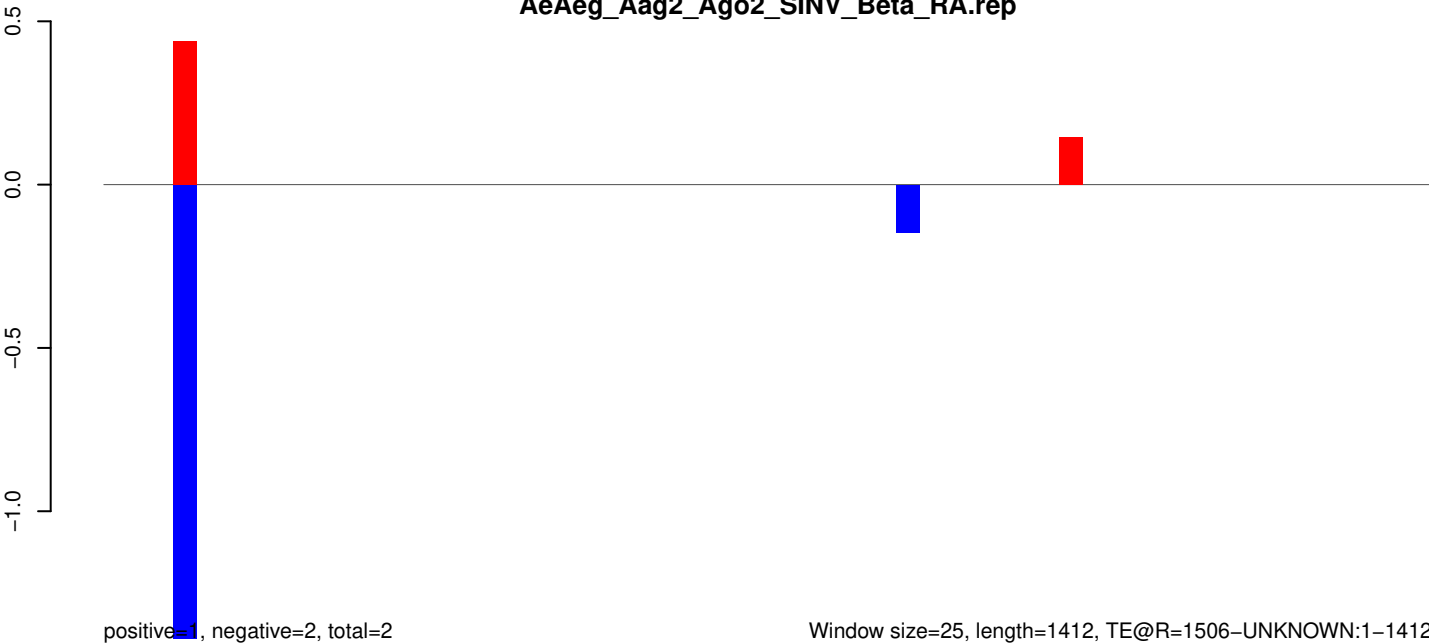
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



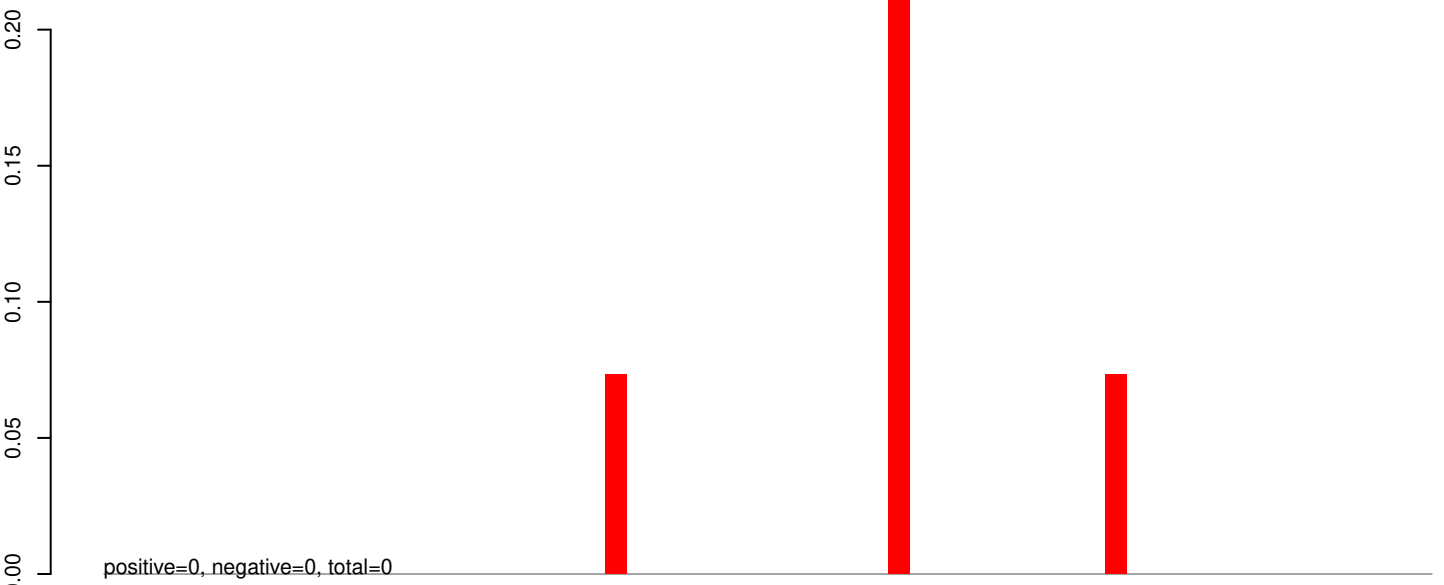
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



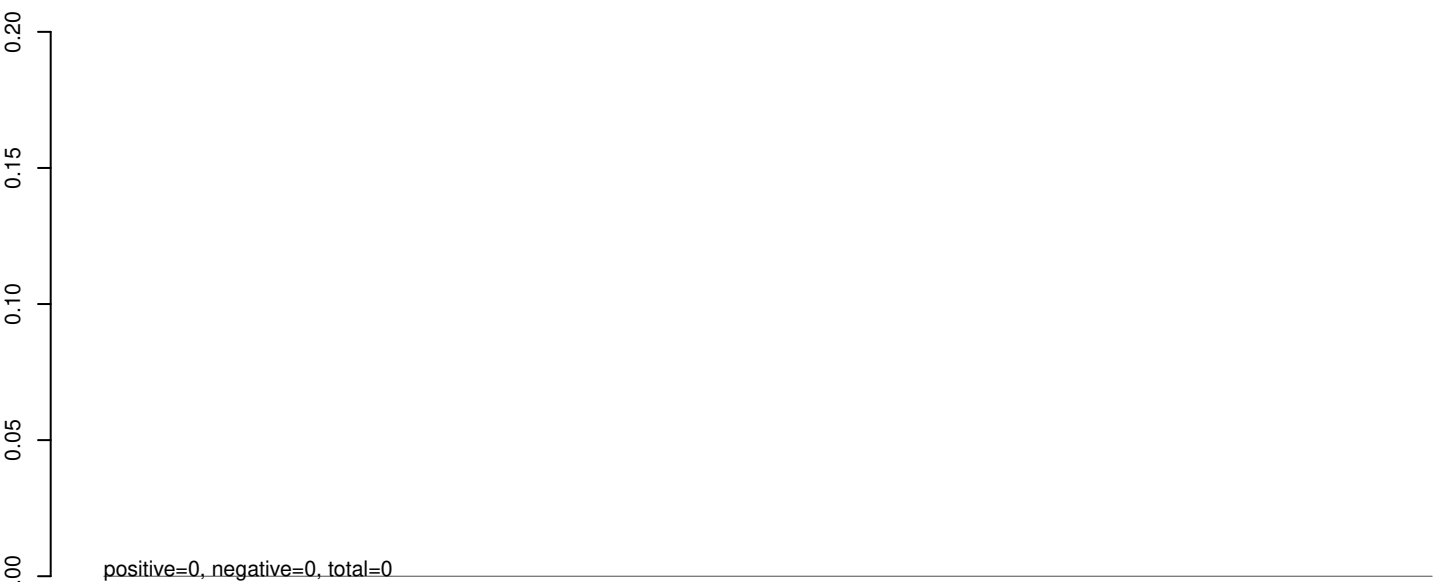
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



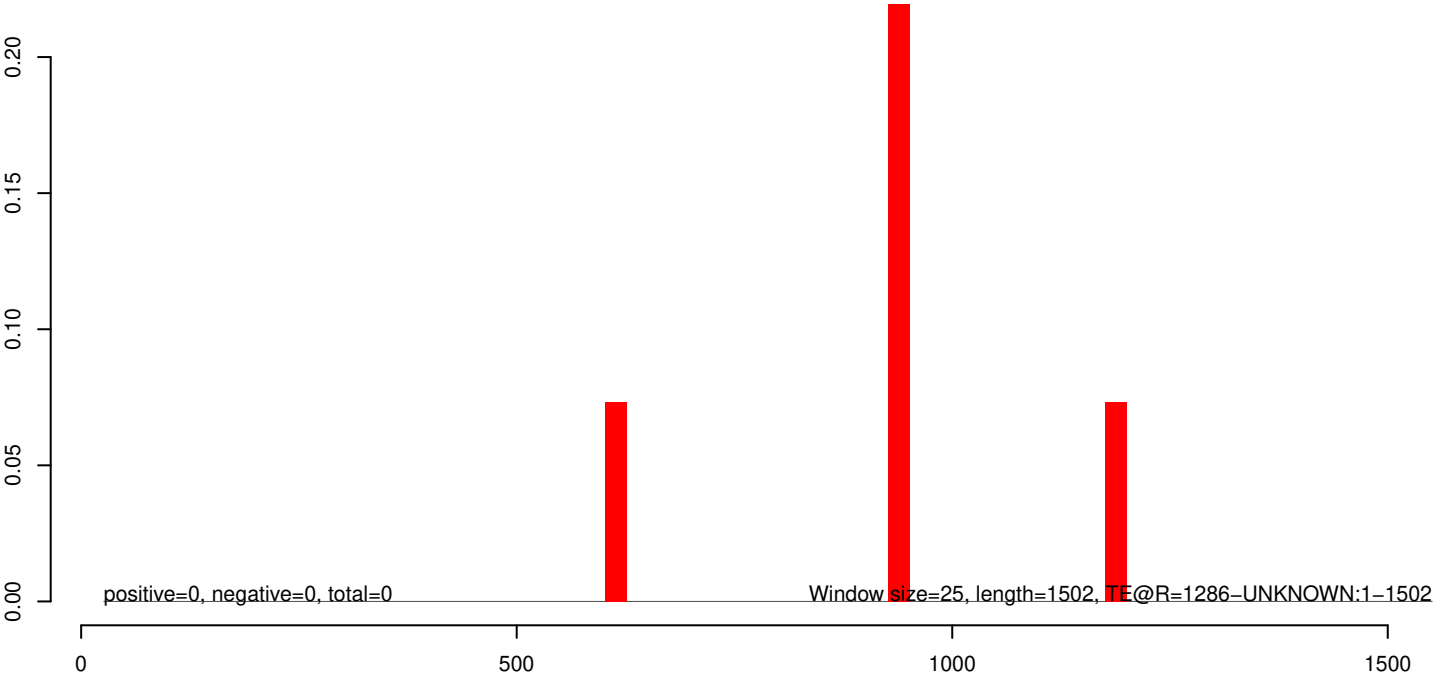
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



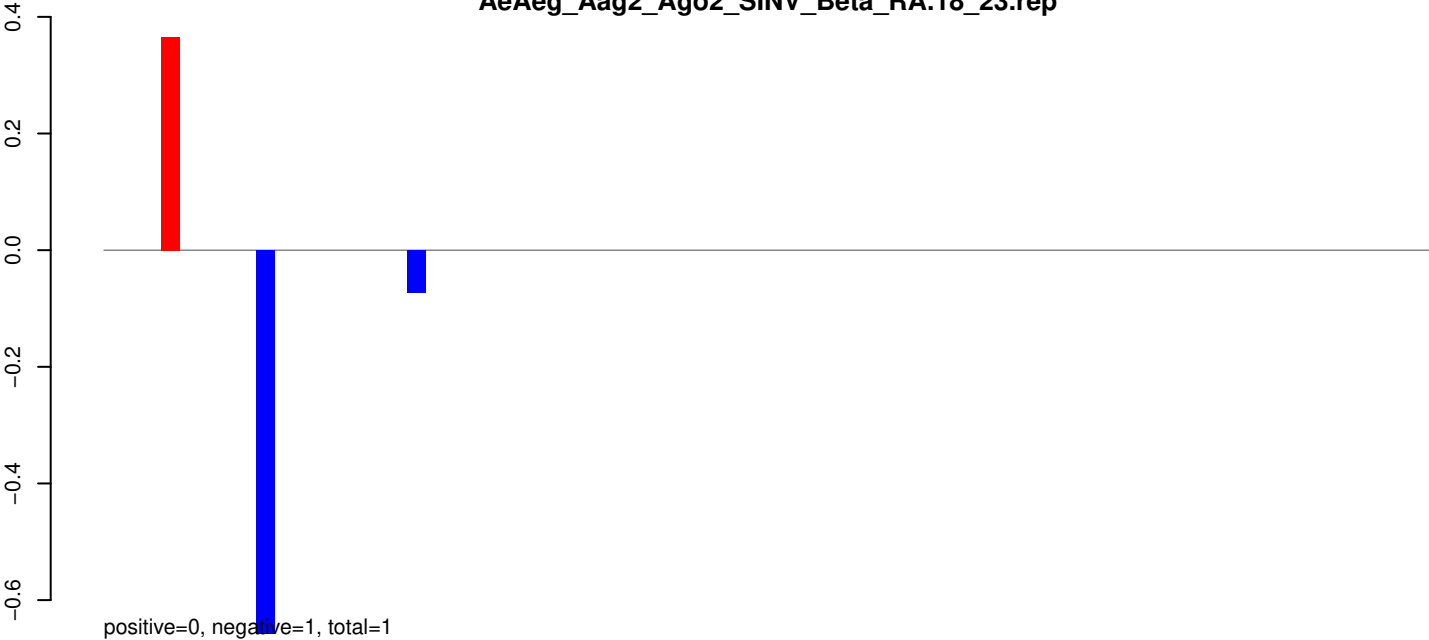
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



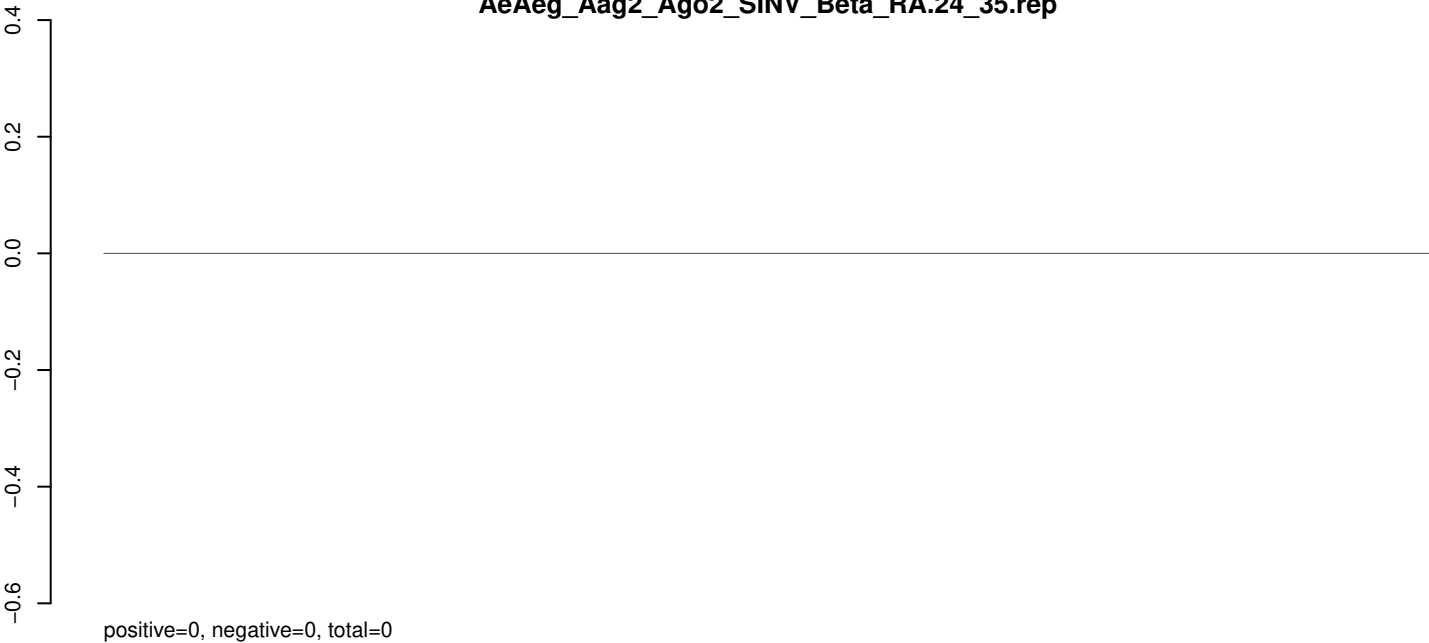
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



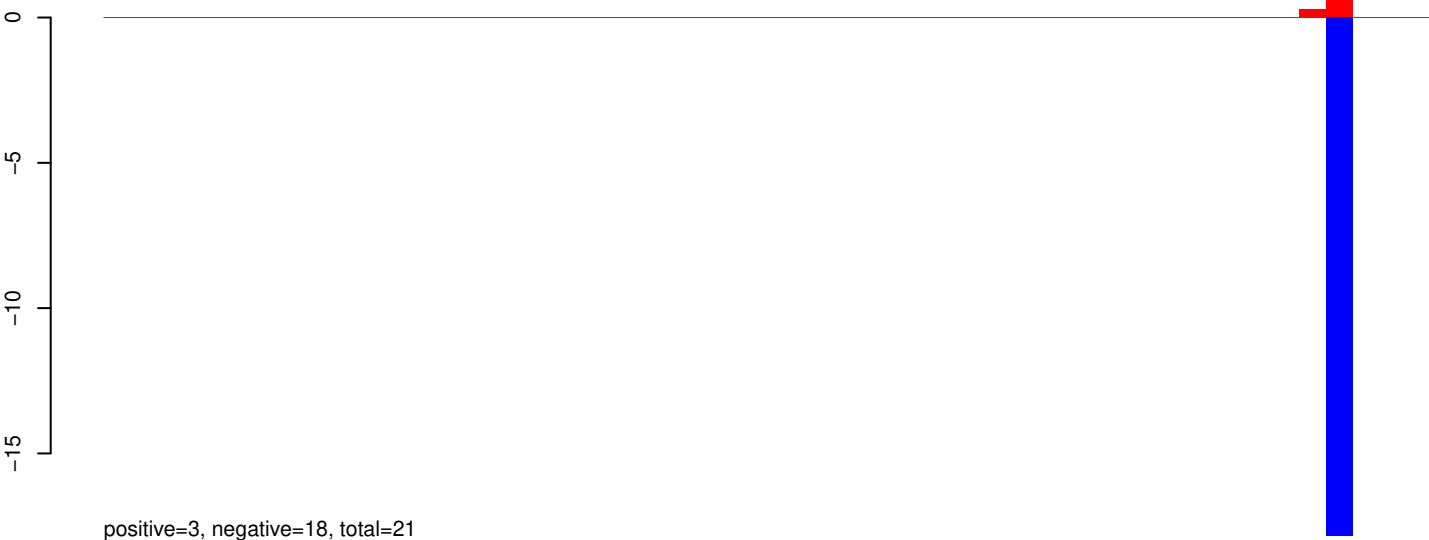
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



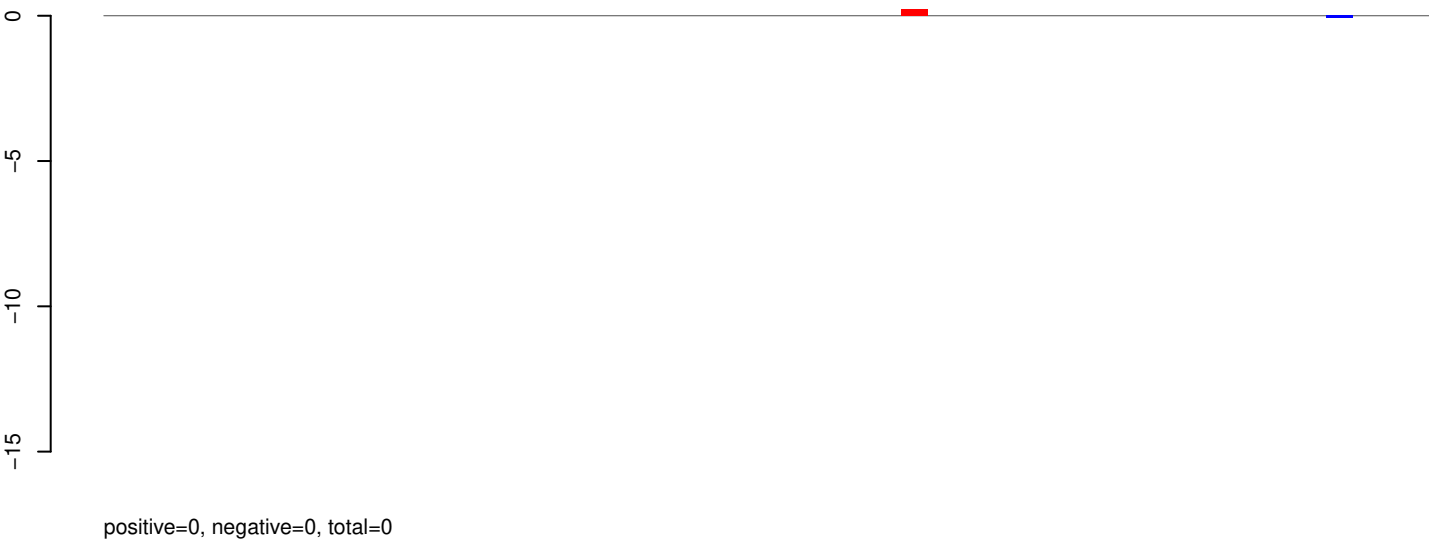
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=1234, TE@R=1003-UNKNOWN:1-1234

0 200 400 600 800 1000 1200



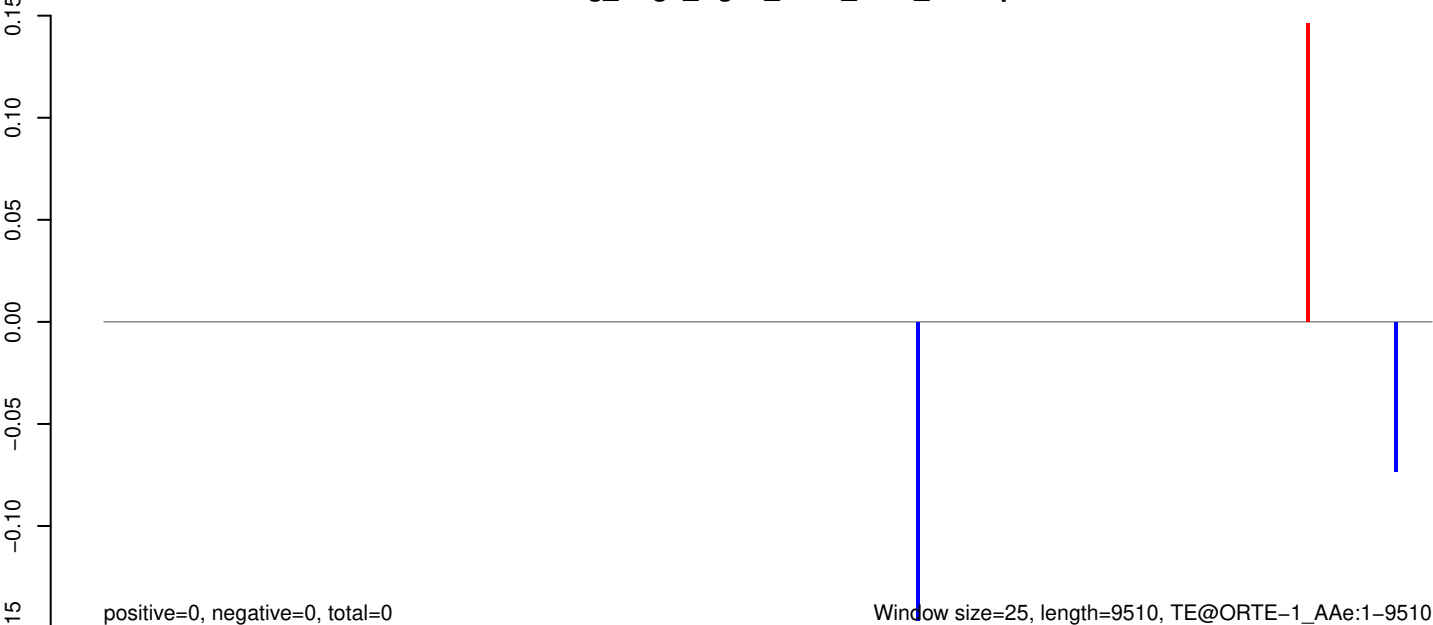
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

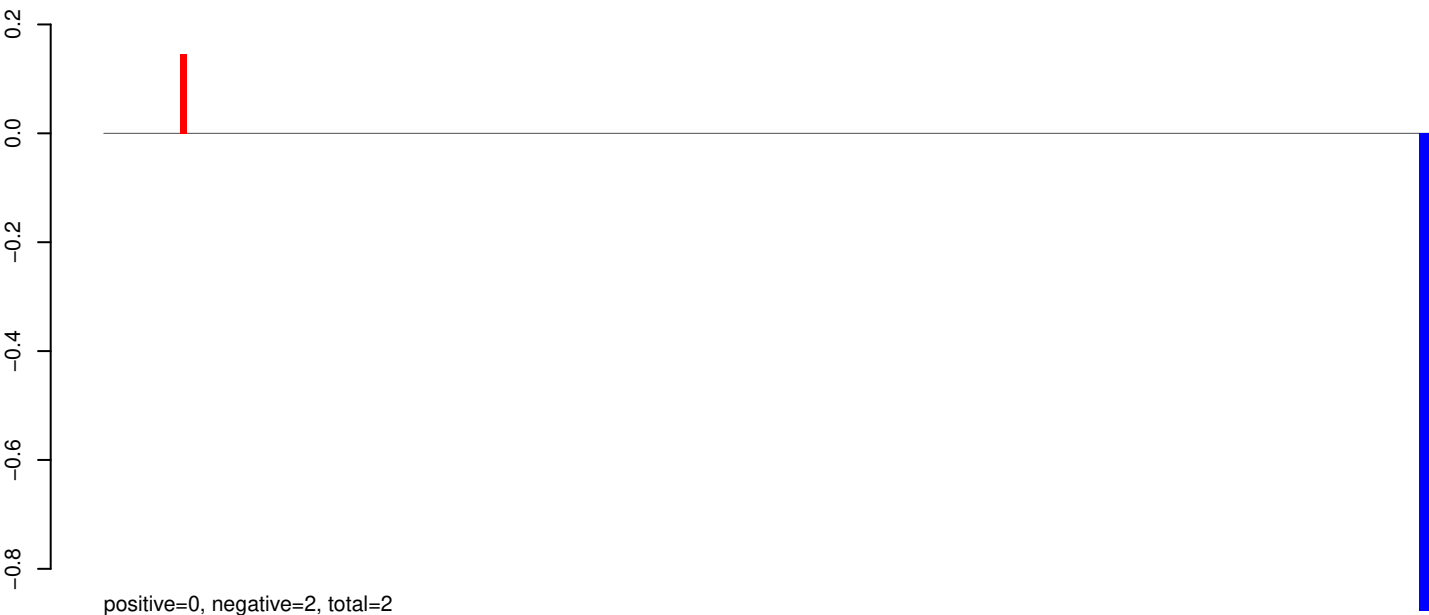


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=9510, TE@ORTE-1\_A Ae:1-9510

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



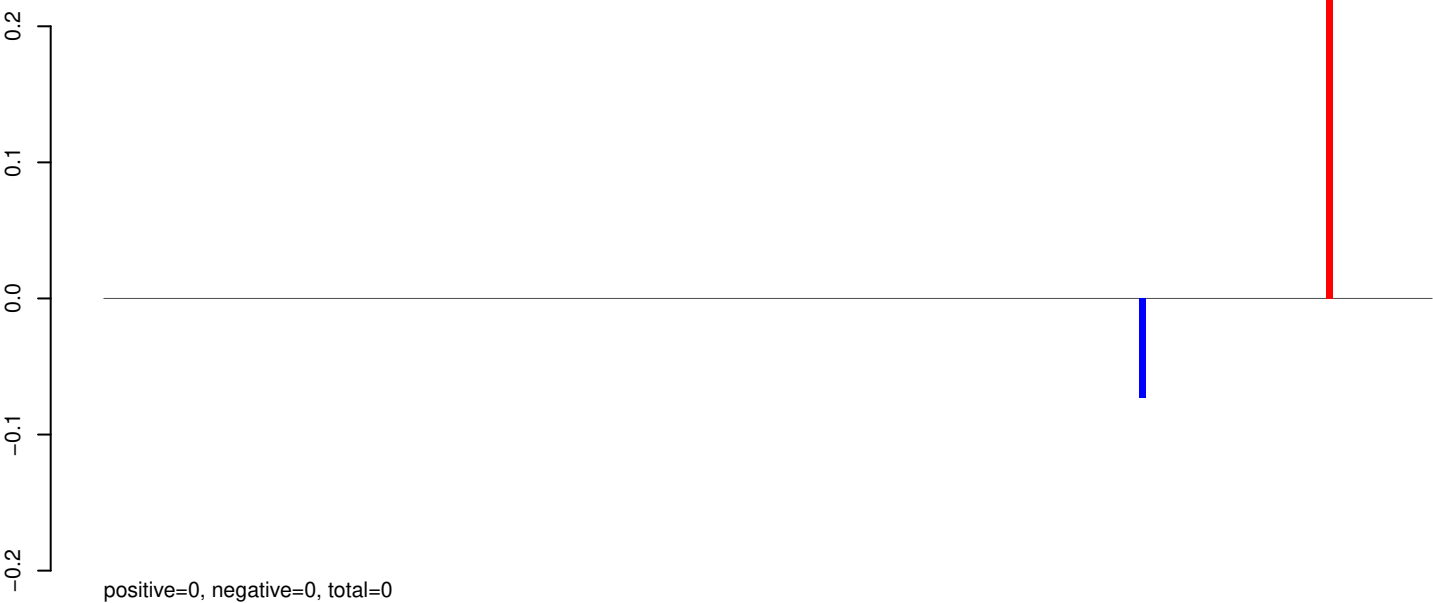
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



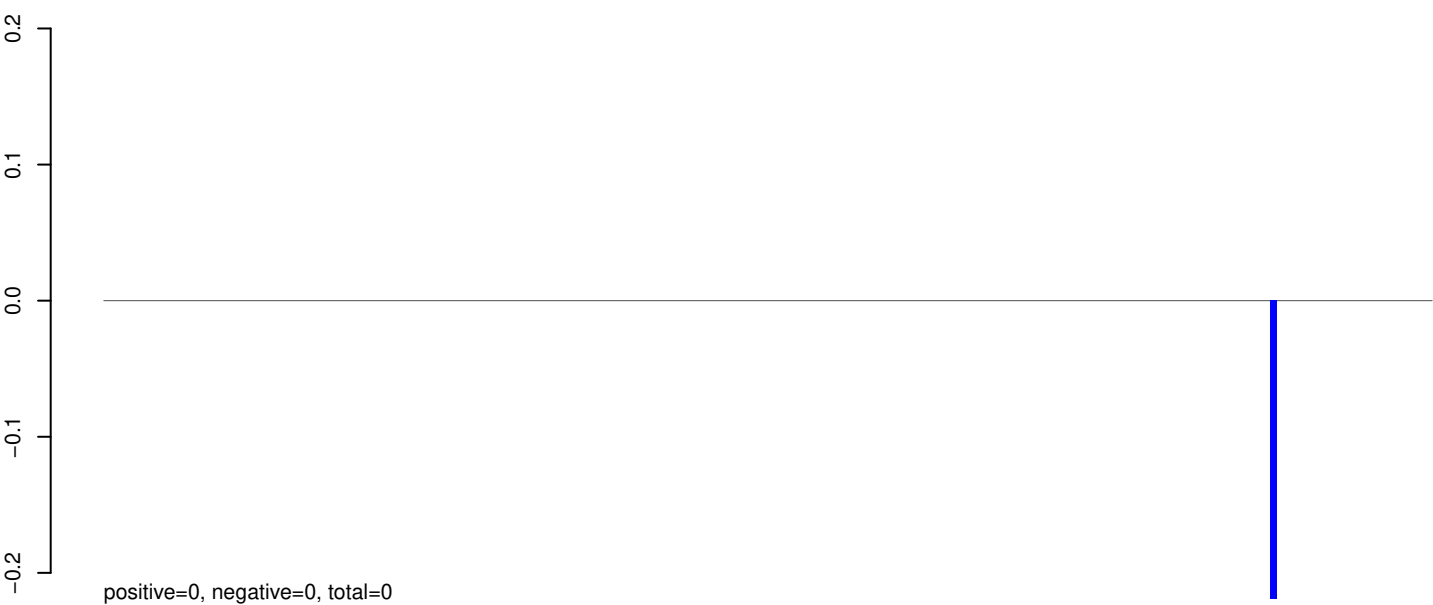
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

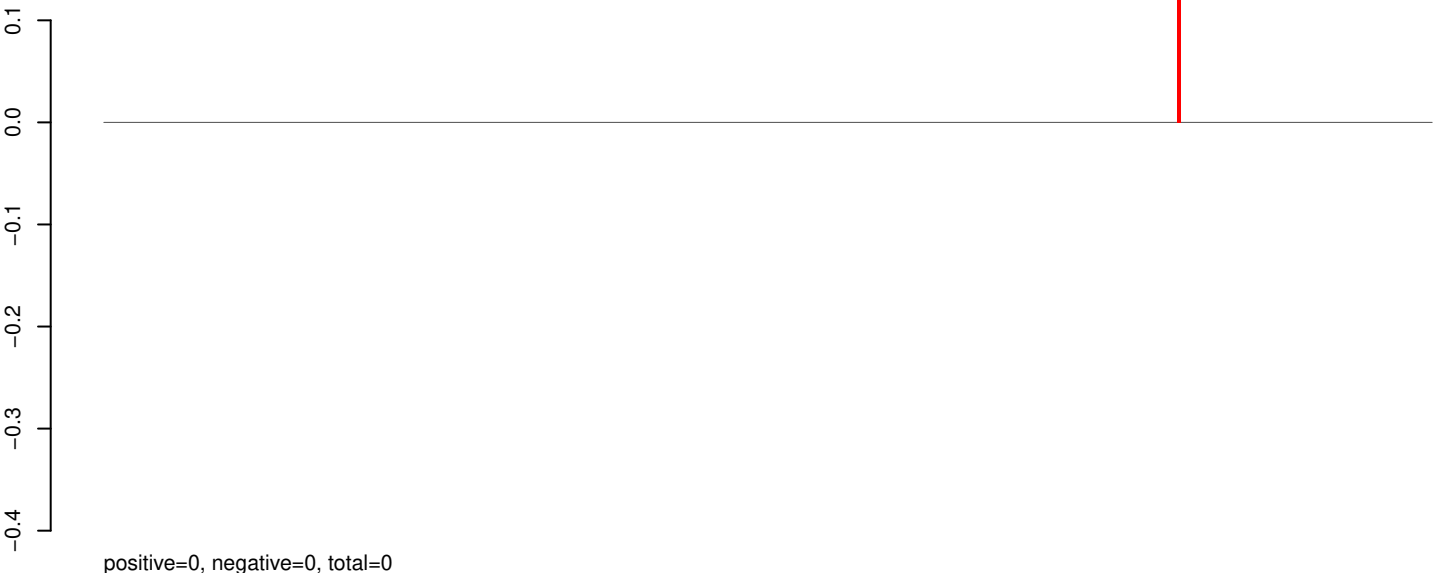


0 1000 2000 3000 4000 5000

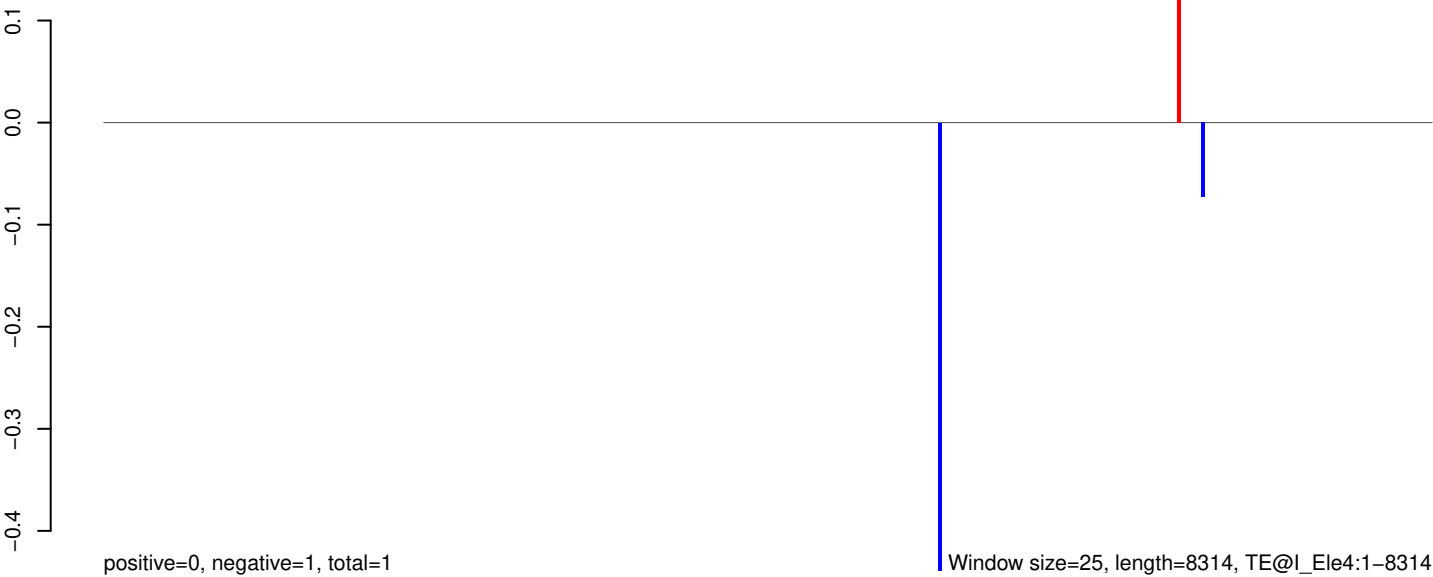
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

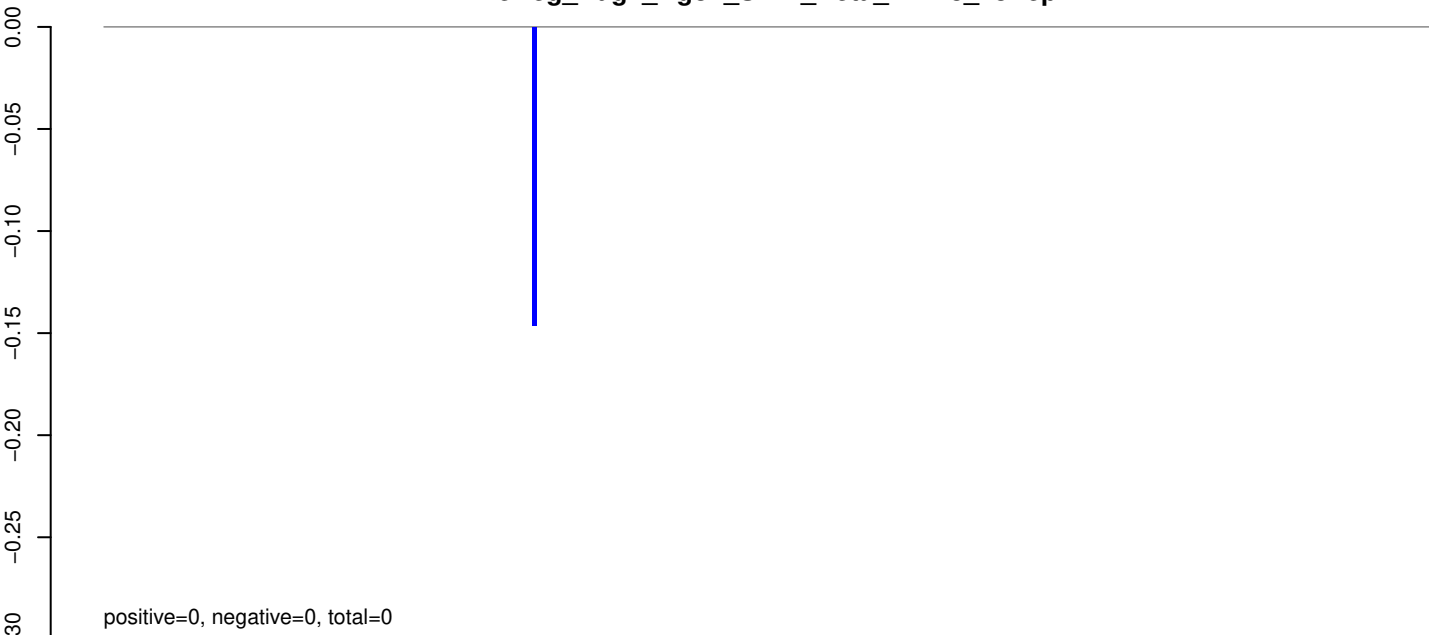


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

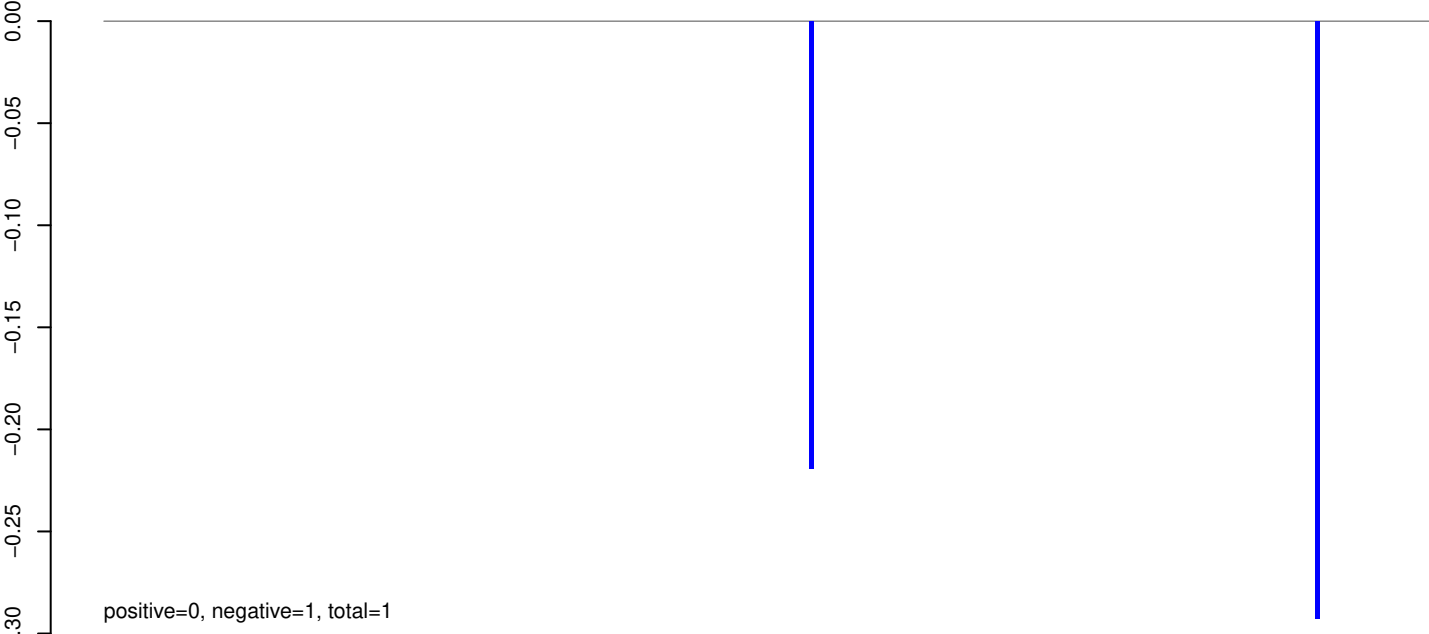


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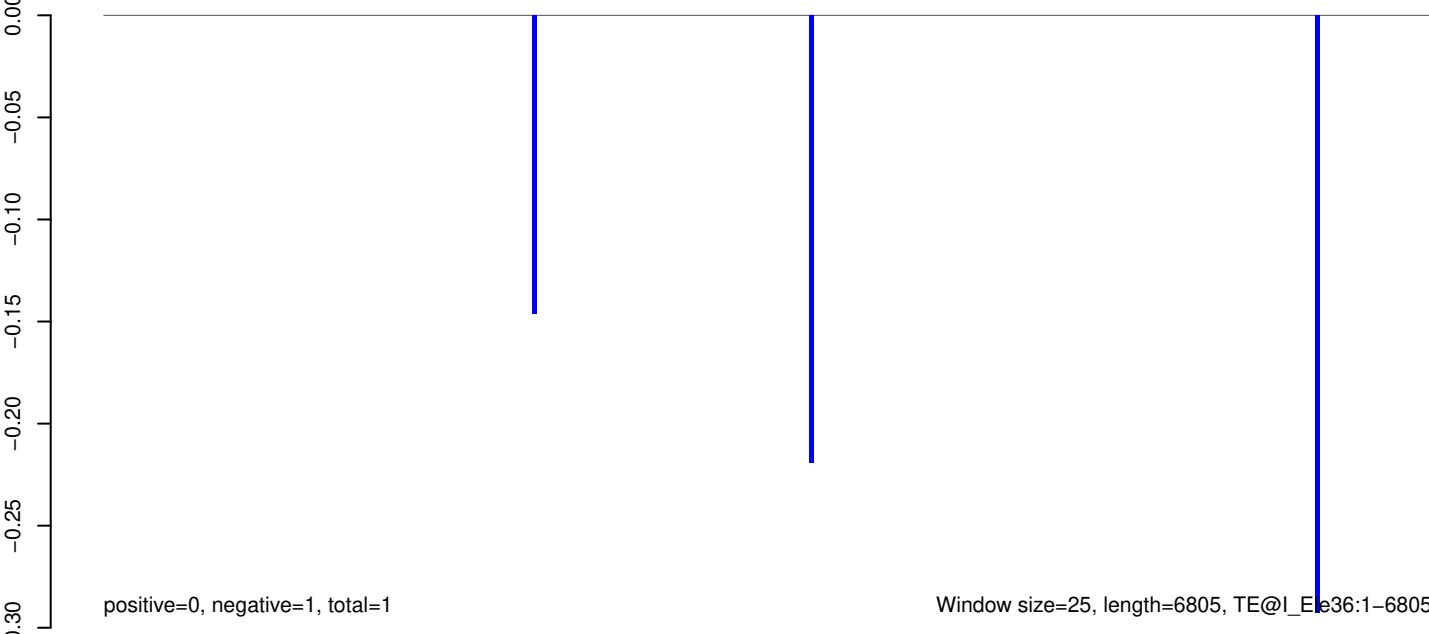
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

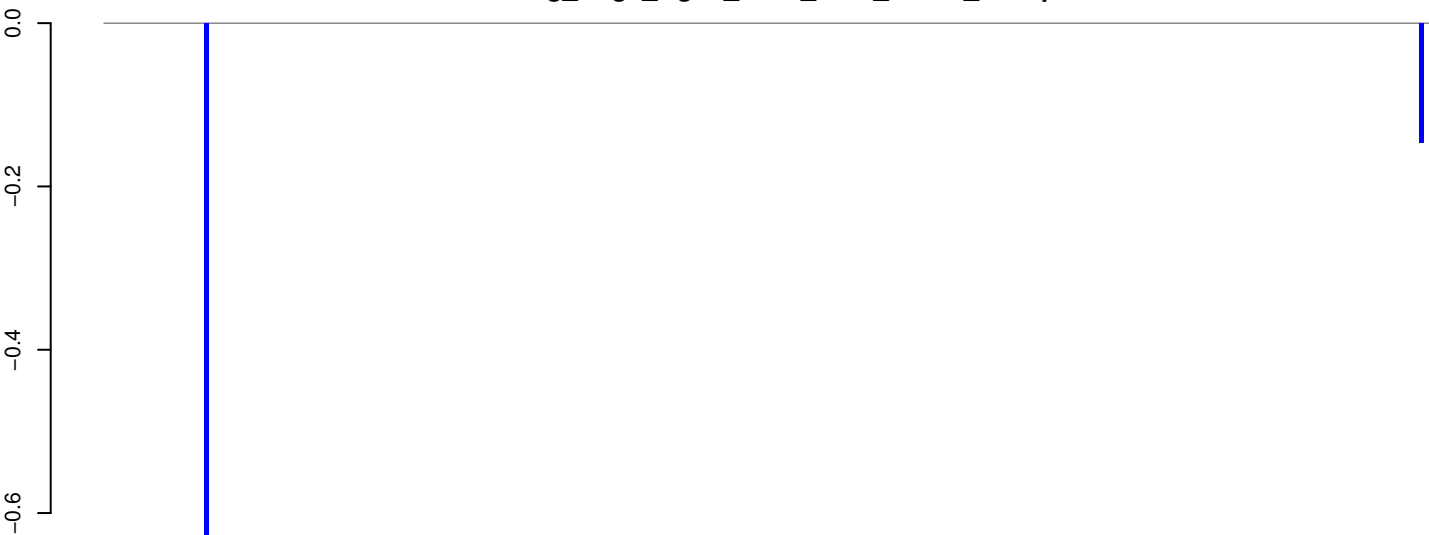


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



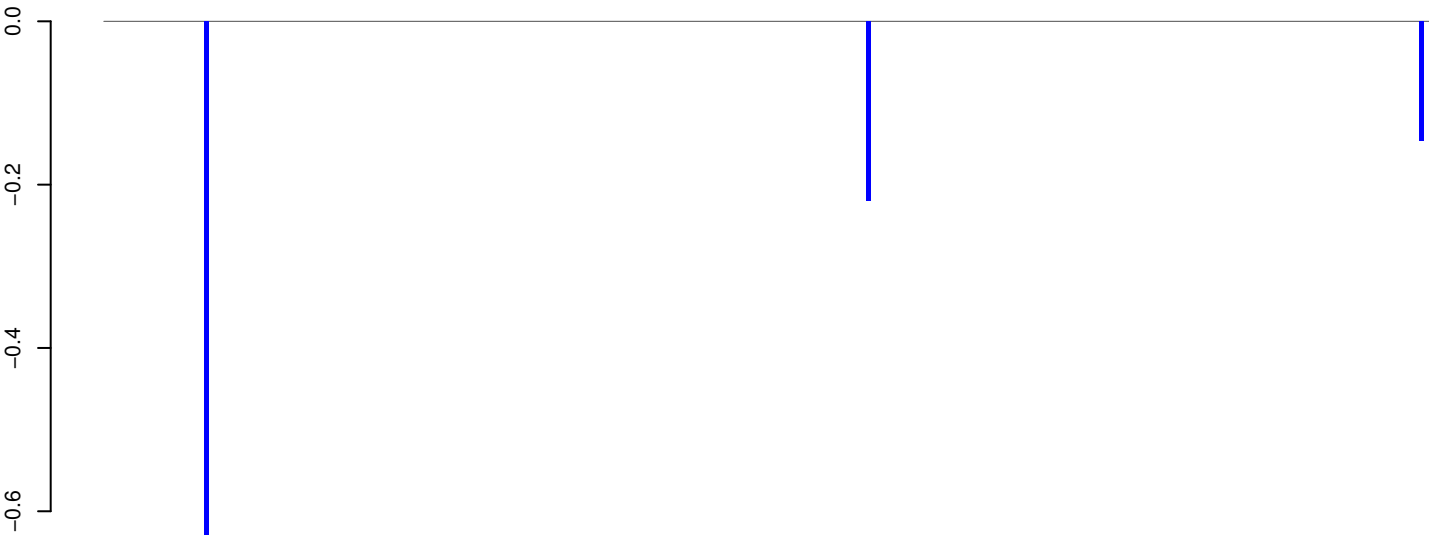
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



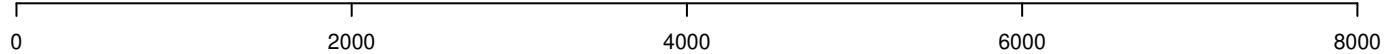
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

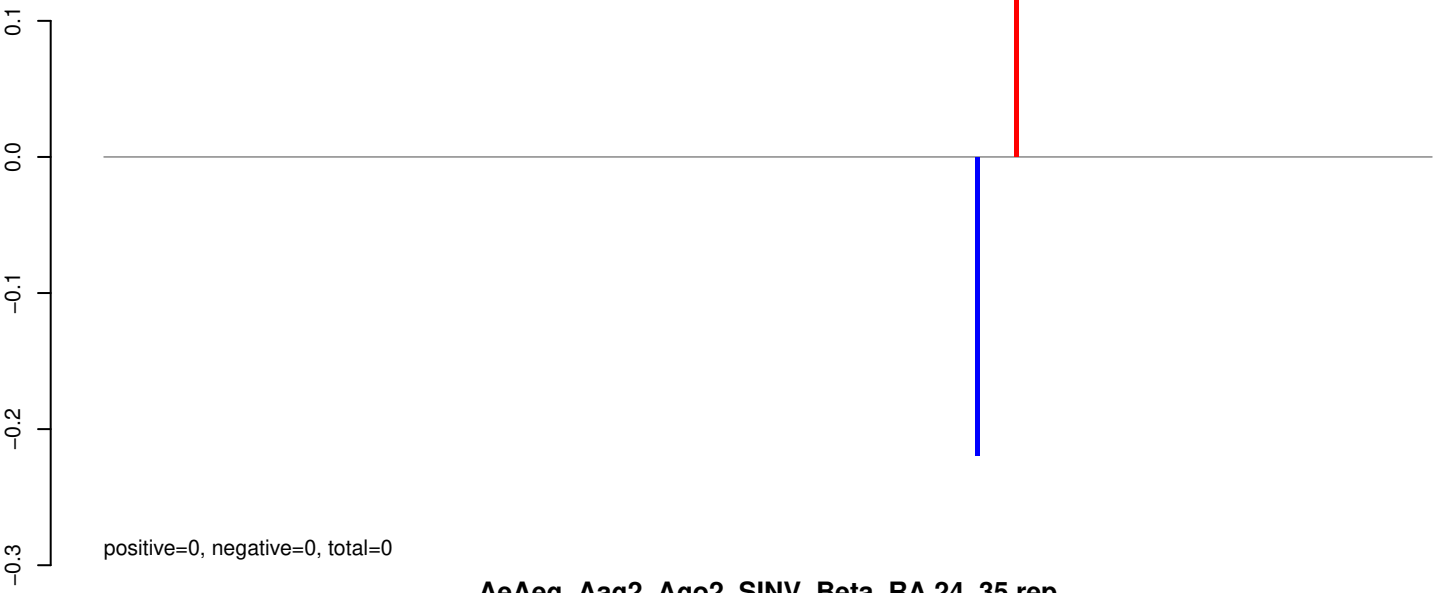


positive=0, negative=1, total=1

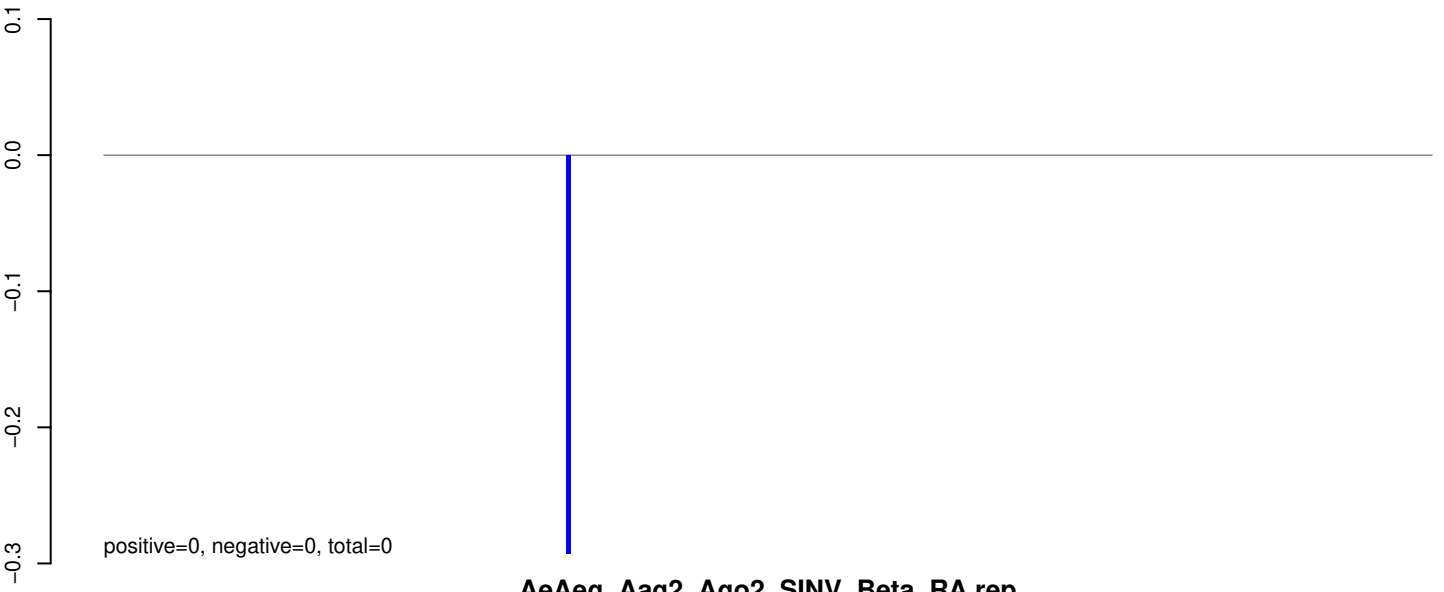
Window size=25, length=7908, TE@l-77\_A Ae:1-7908



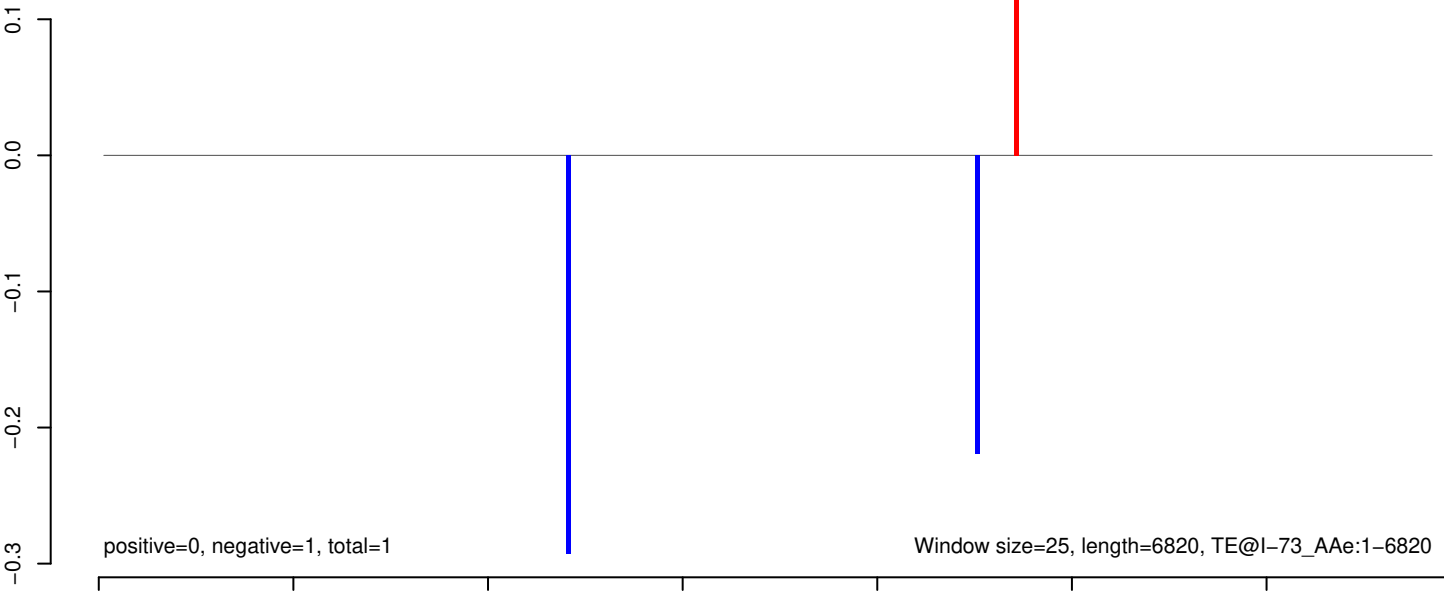
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

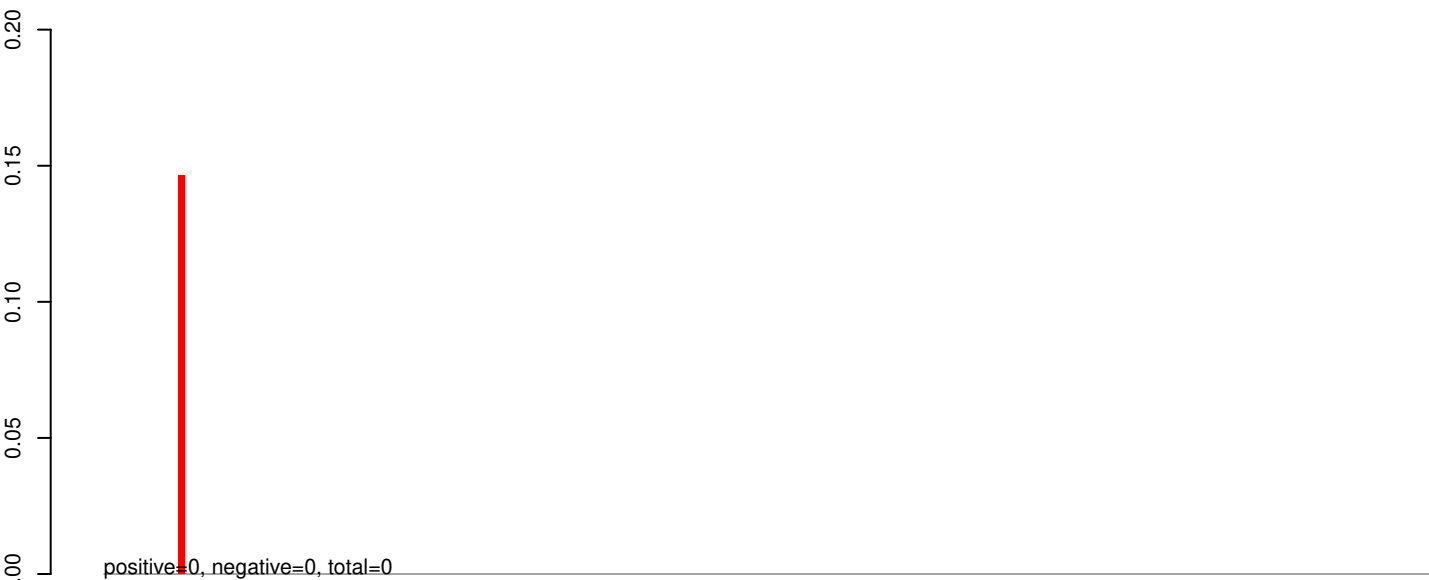


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

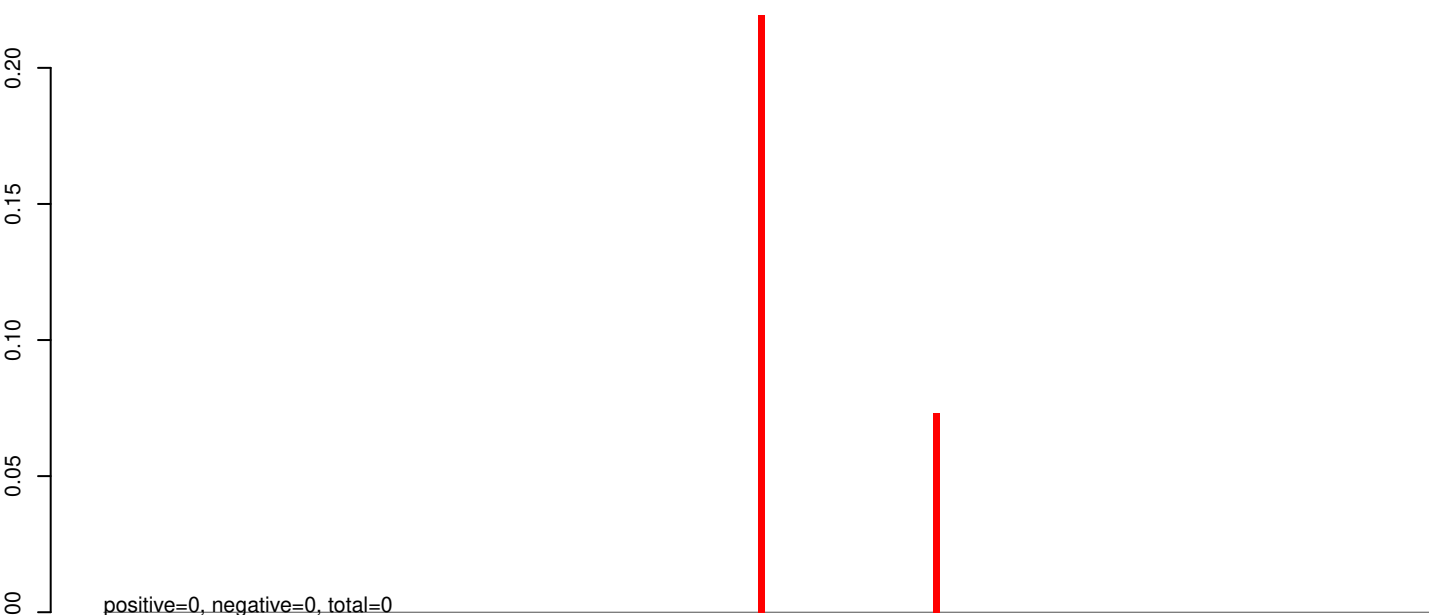


Window size=25, length=6820, TE@l-73\_A Ae:1-6820

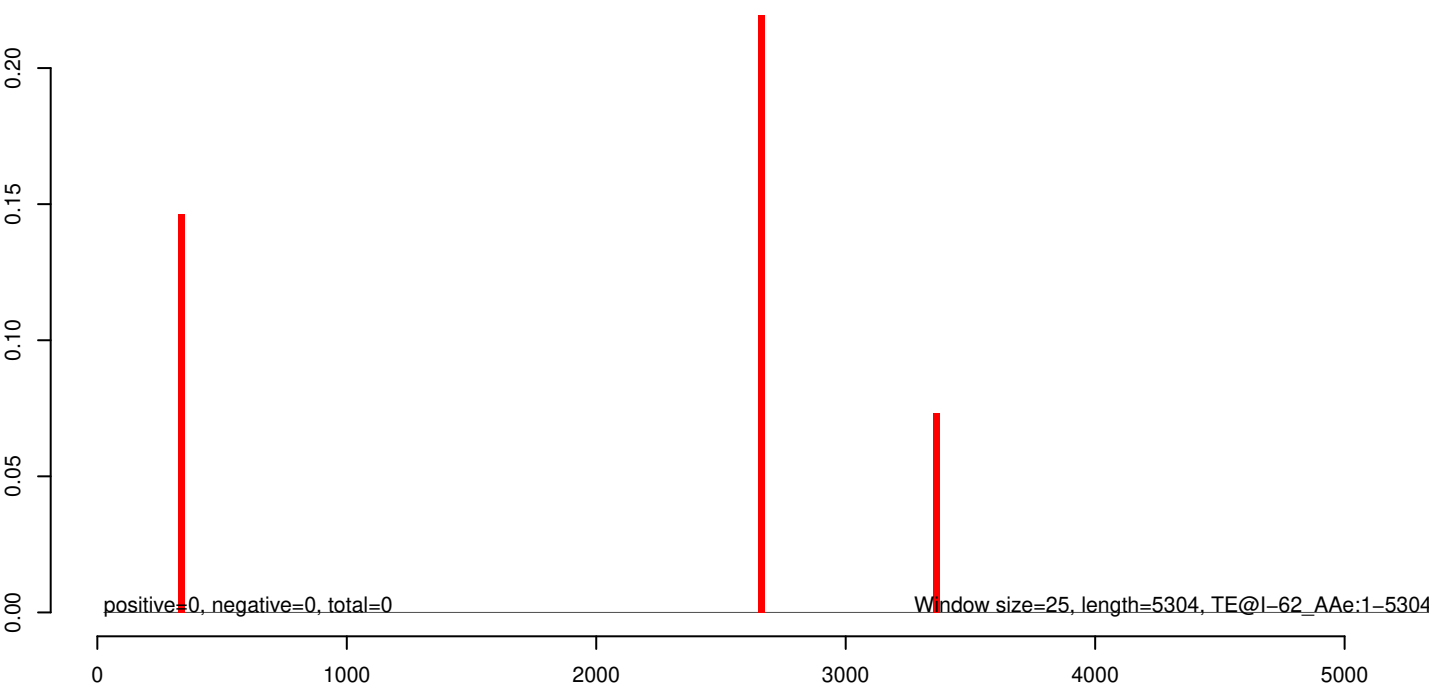
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

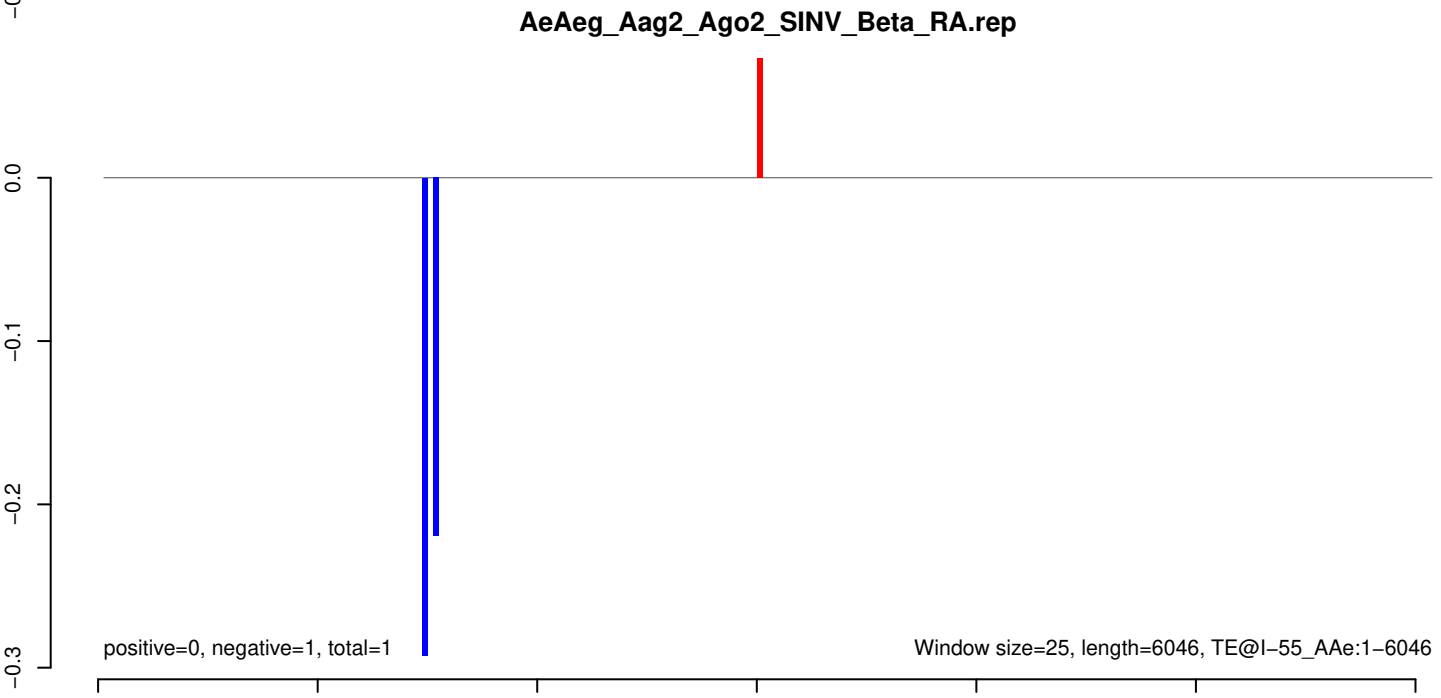
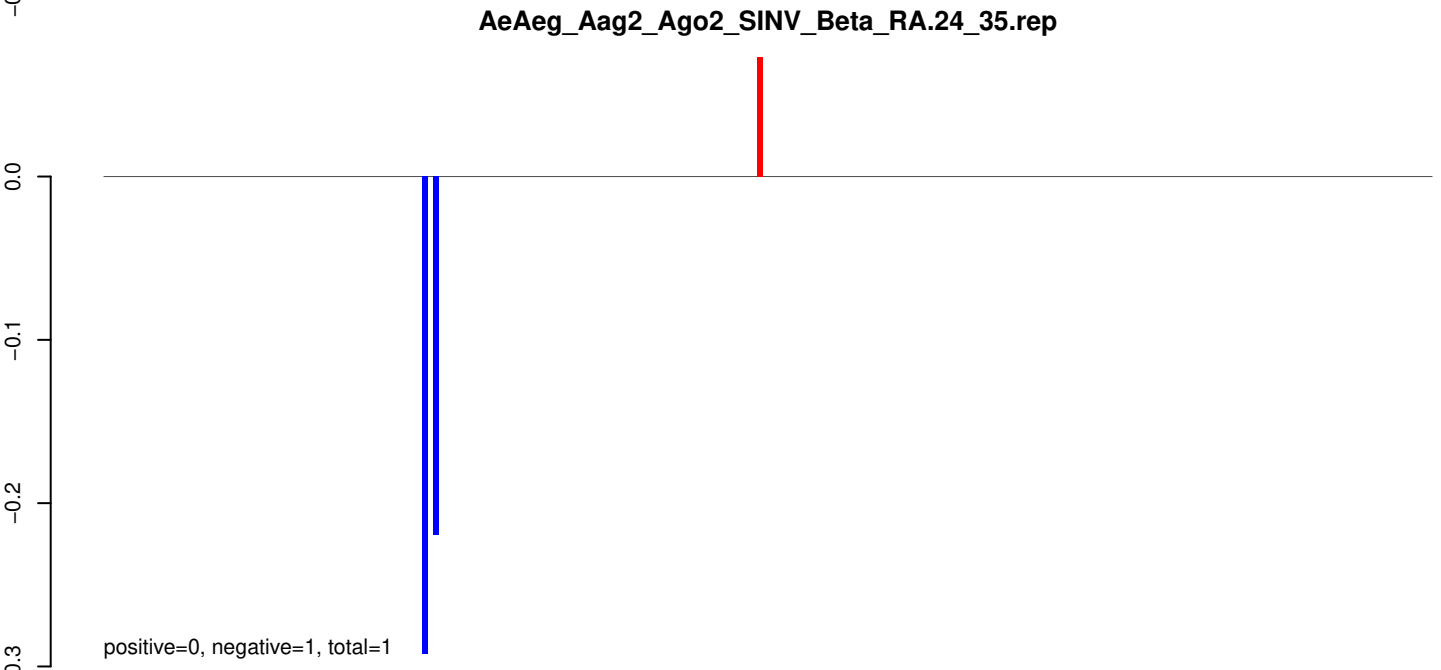
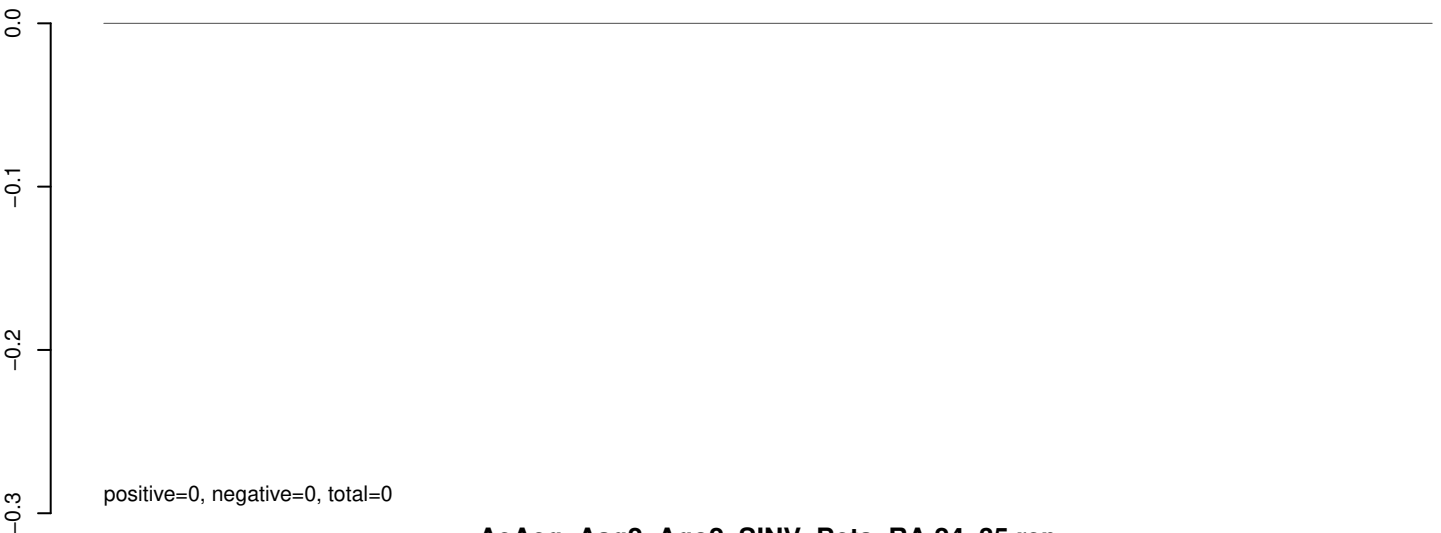


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

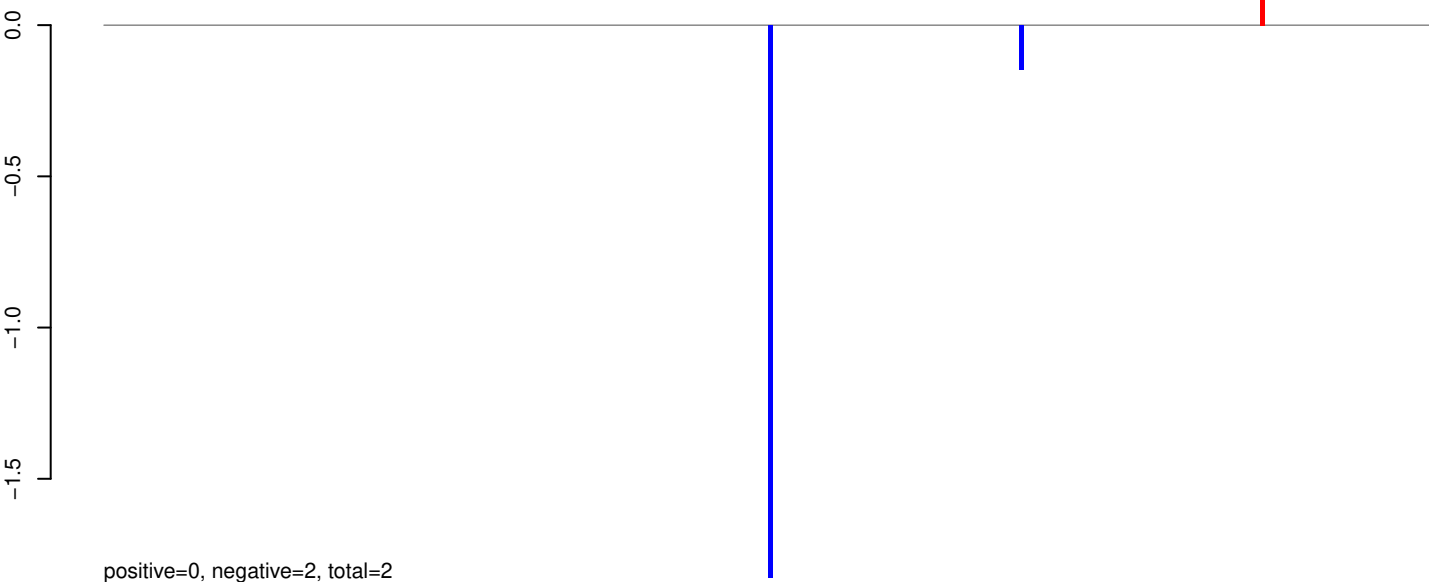




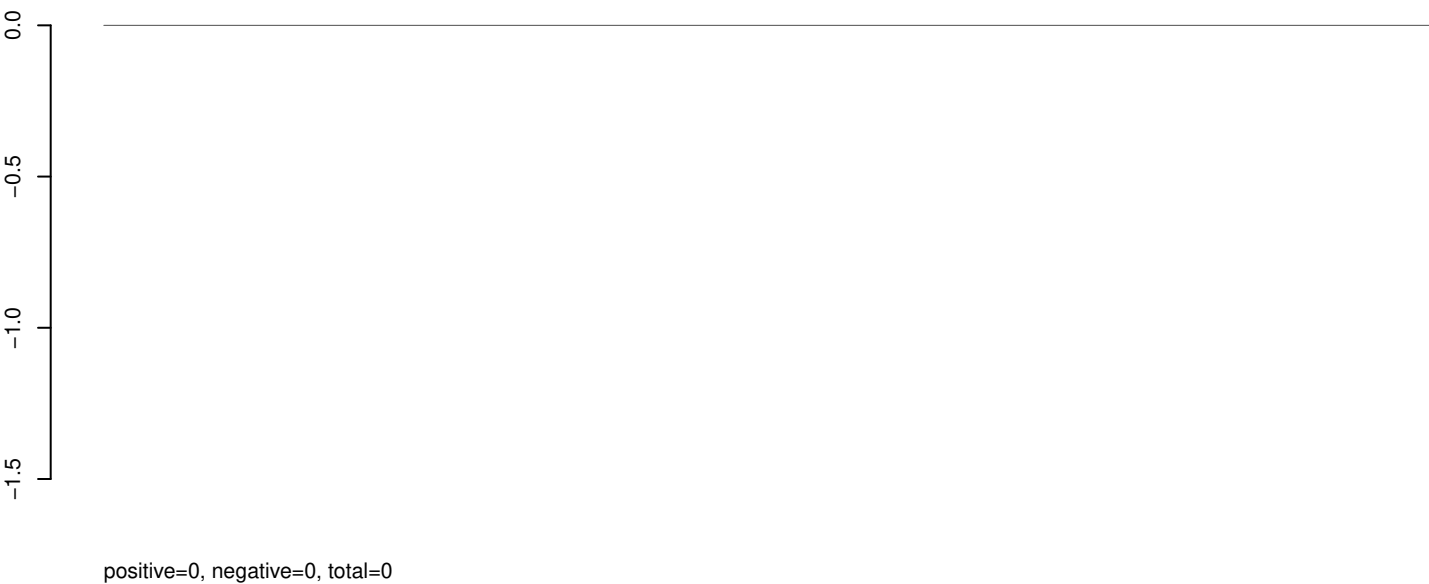
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



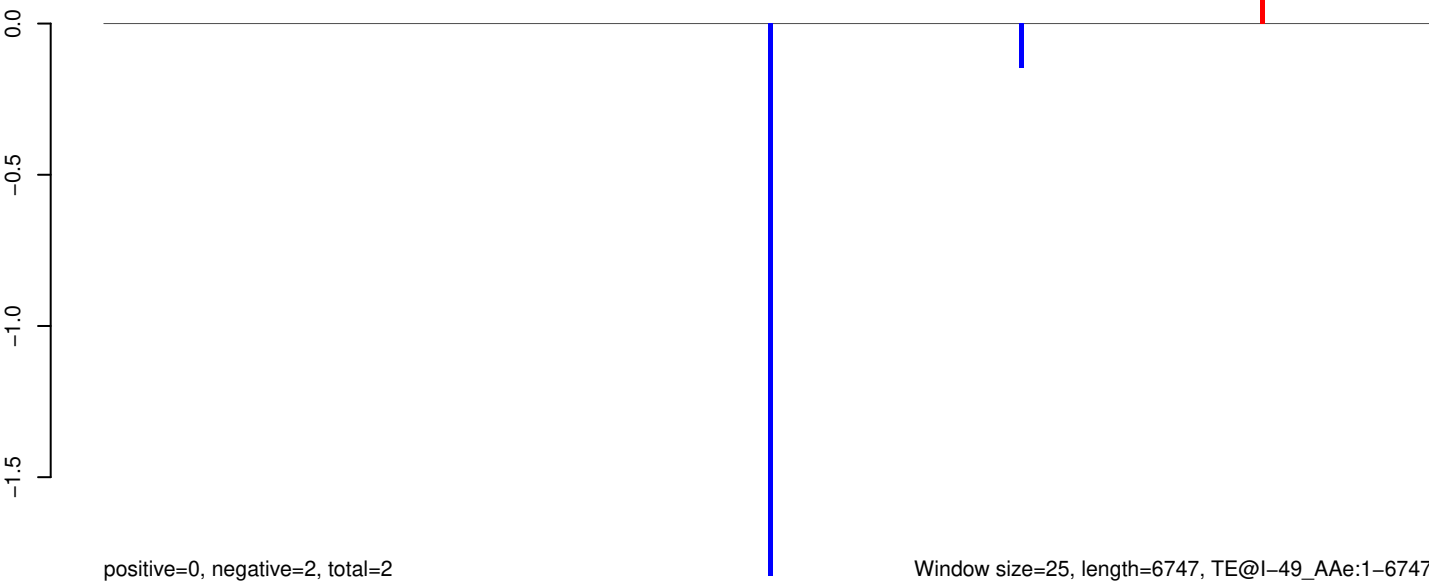
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



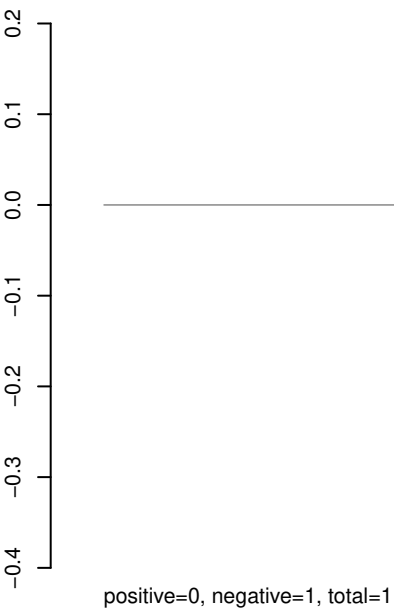
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



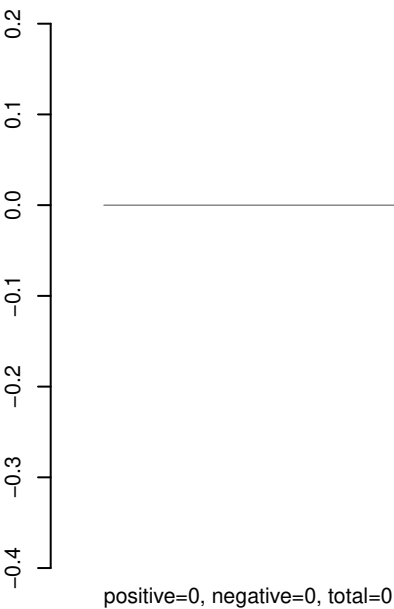
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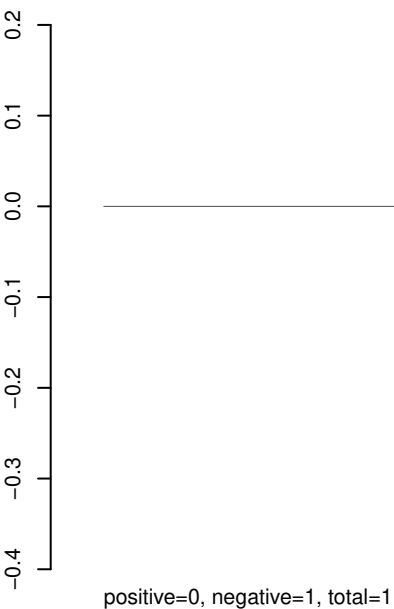
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

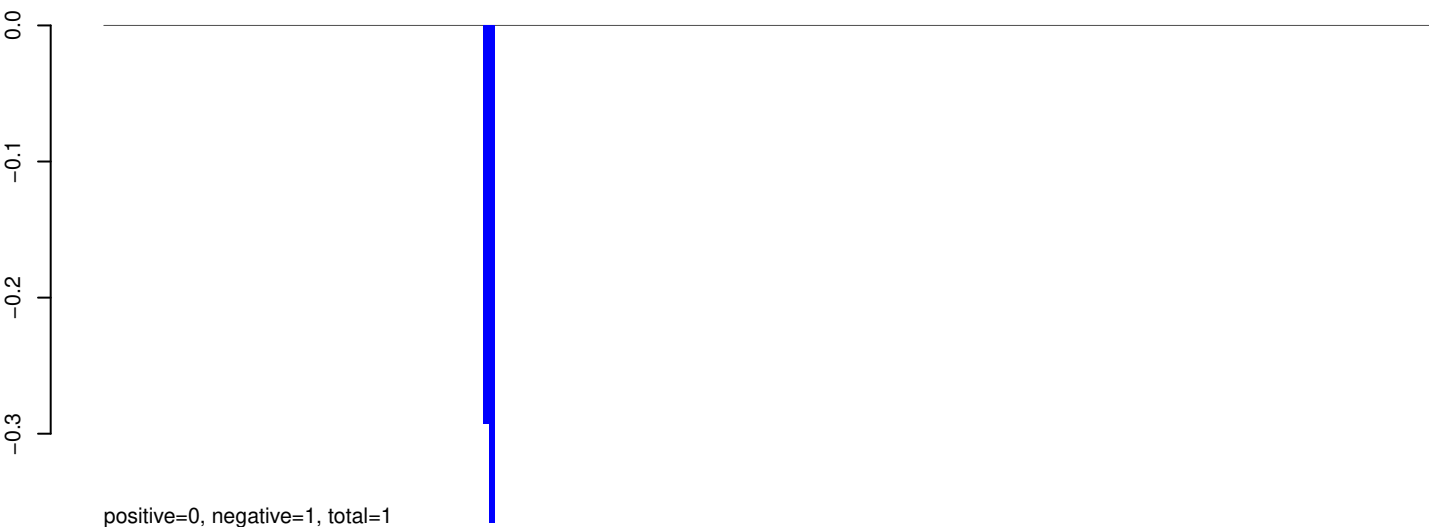


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

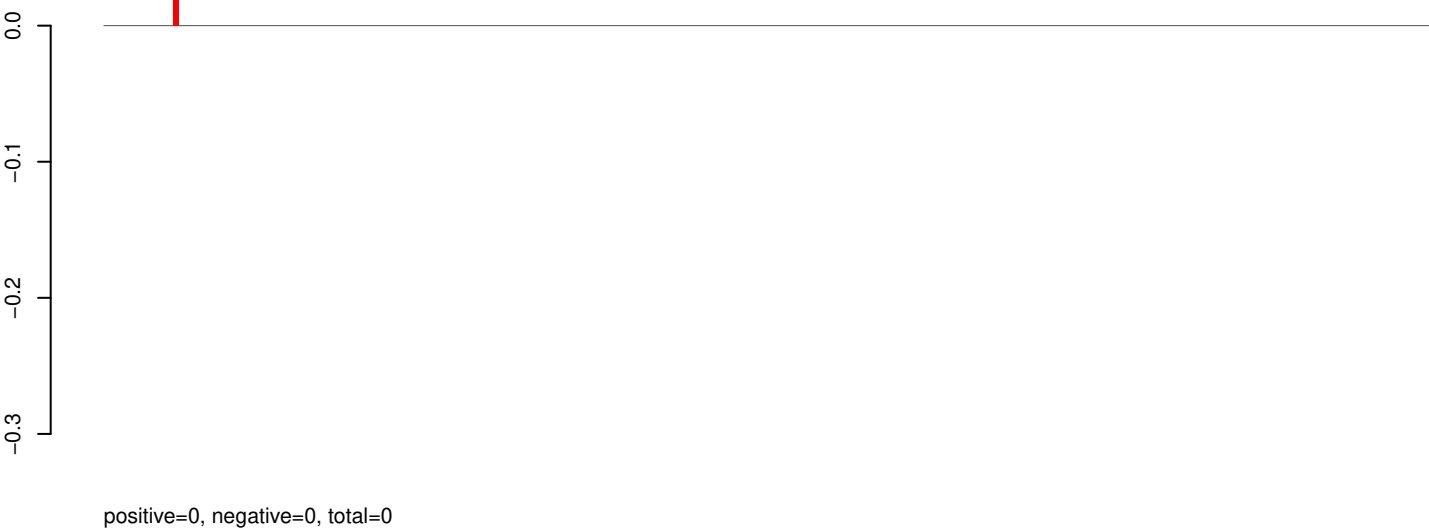


Window size=25, length=5673, TE@l-48\_Ae:1-5673

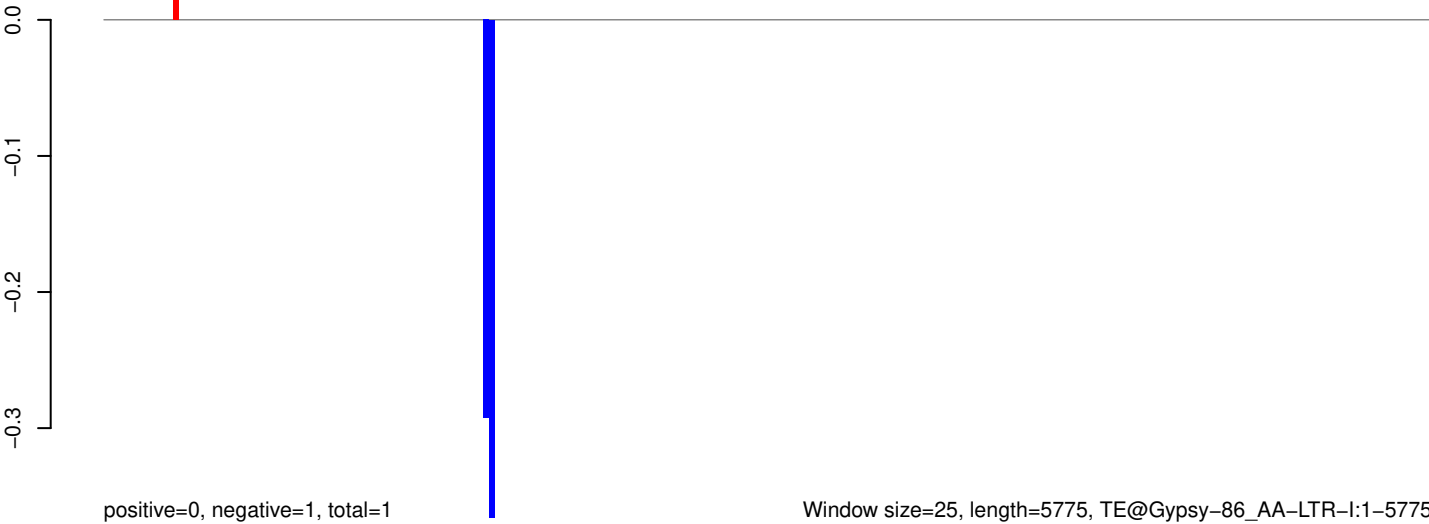
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



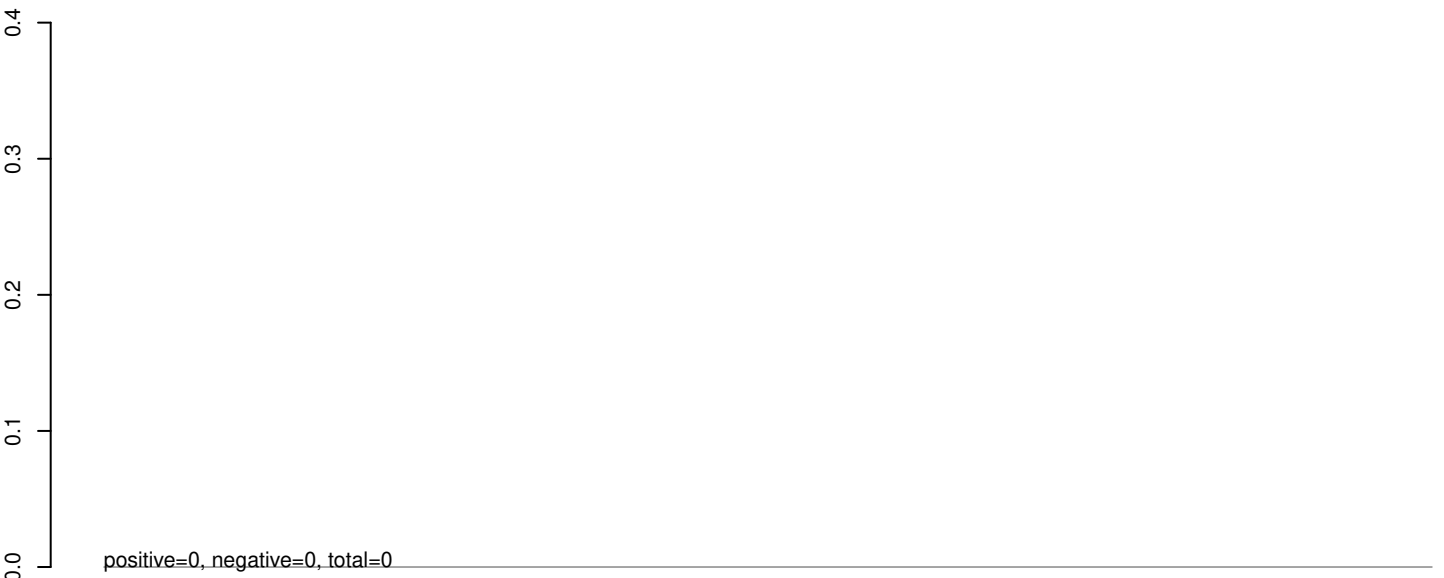
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



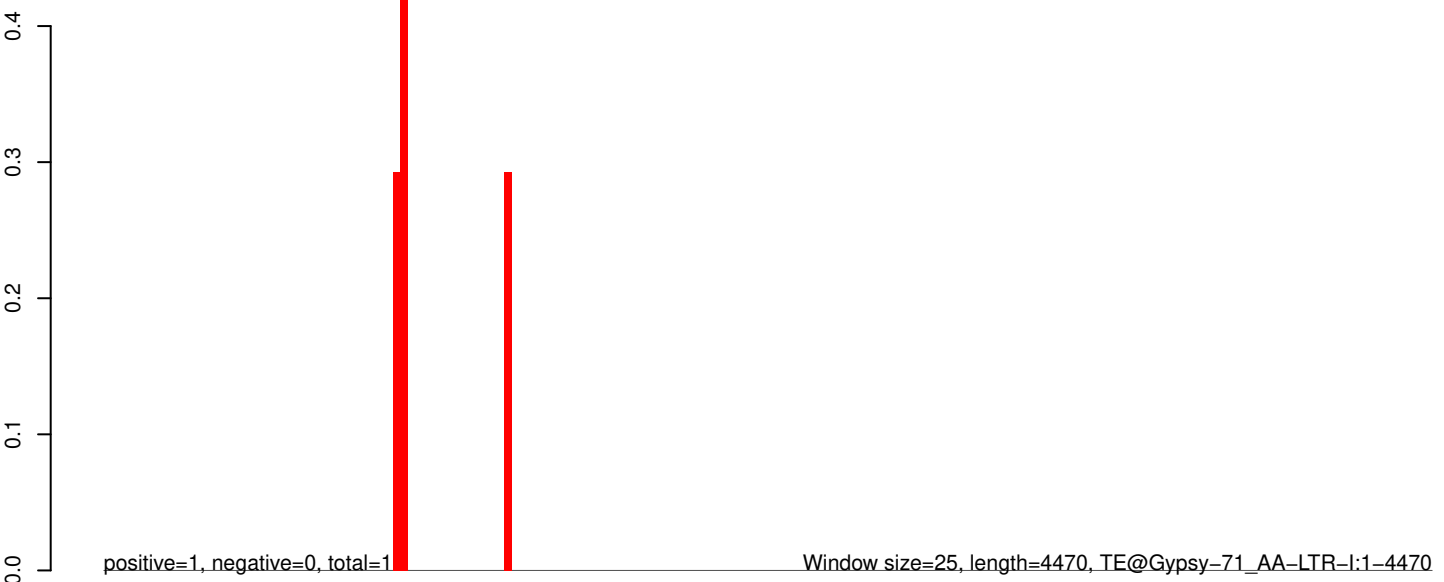
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

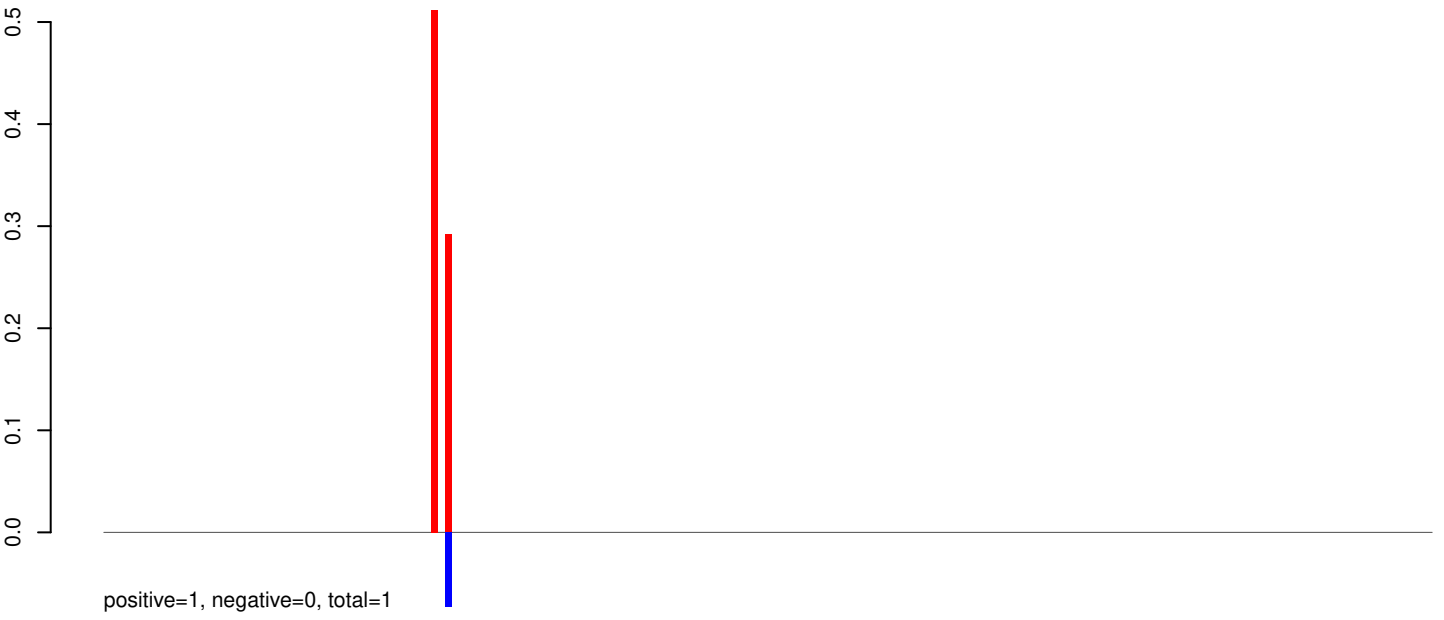


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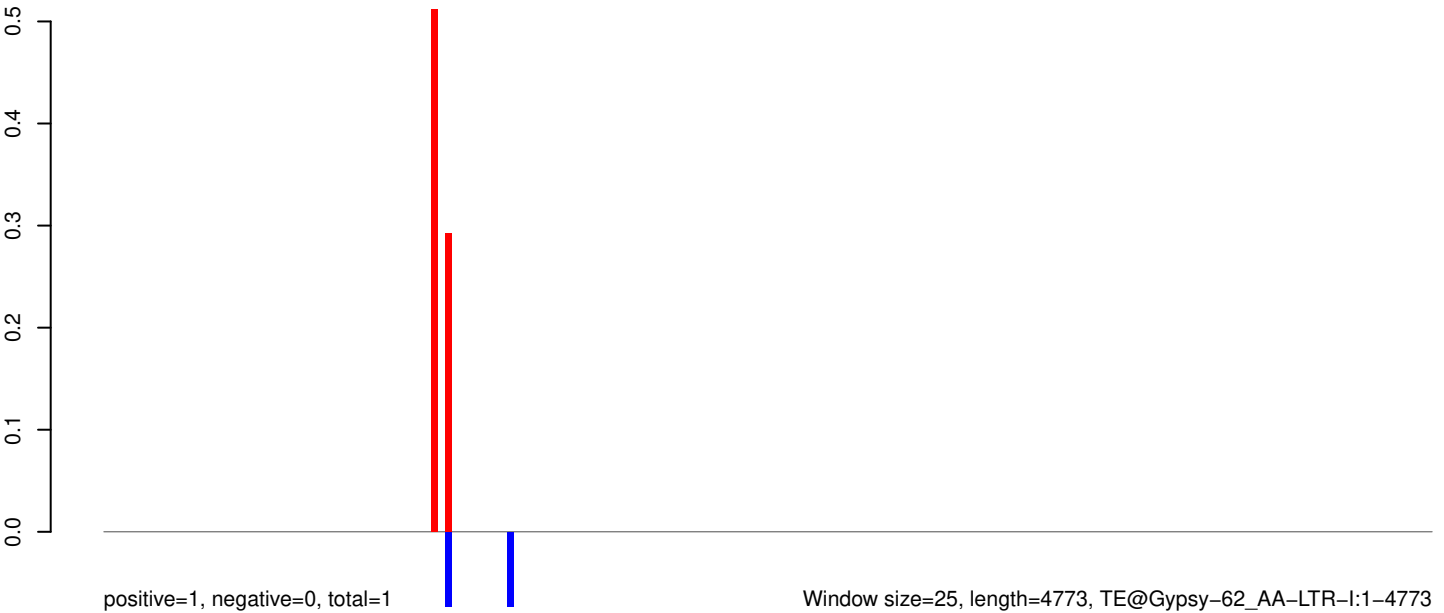
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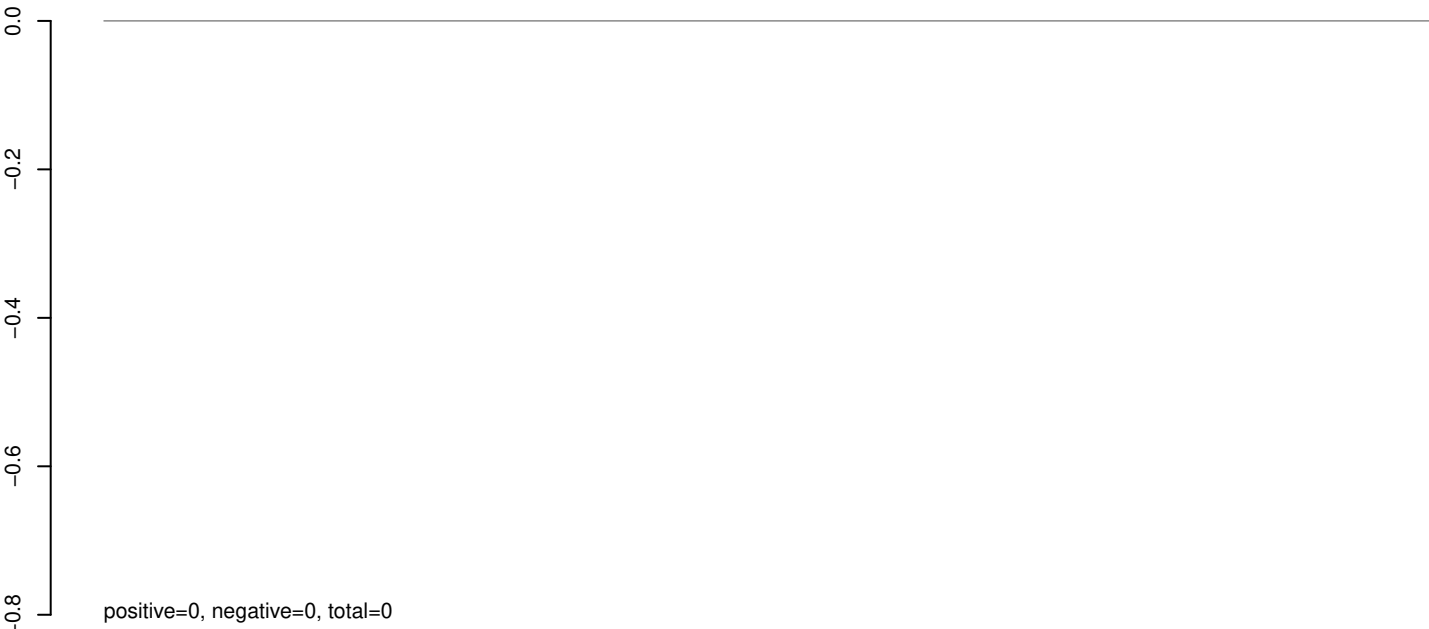
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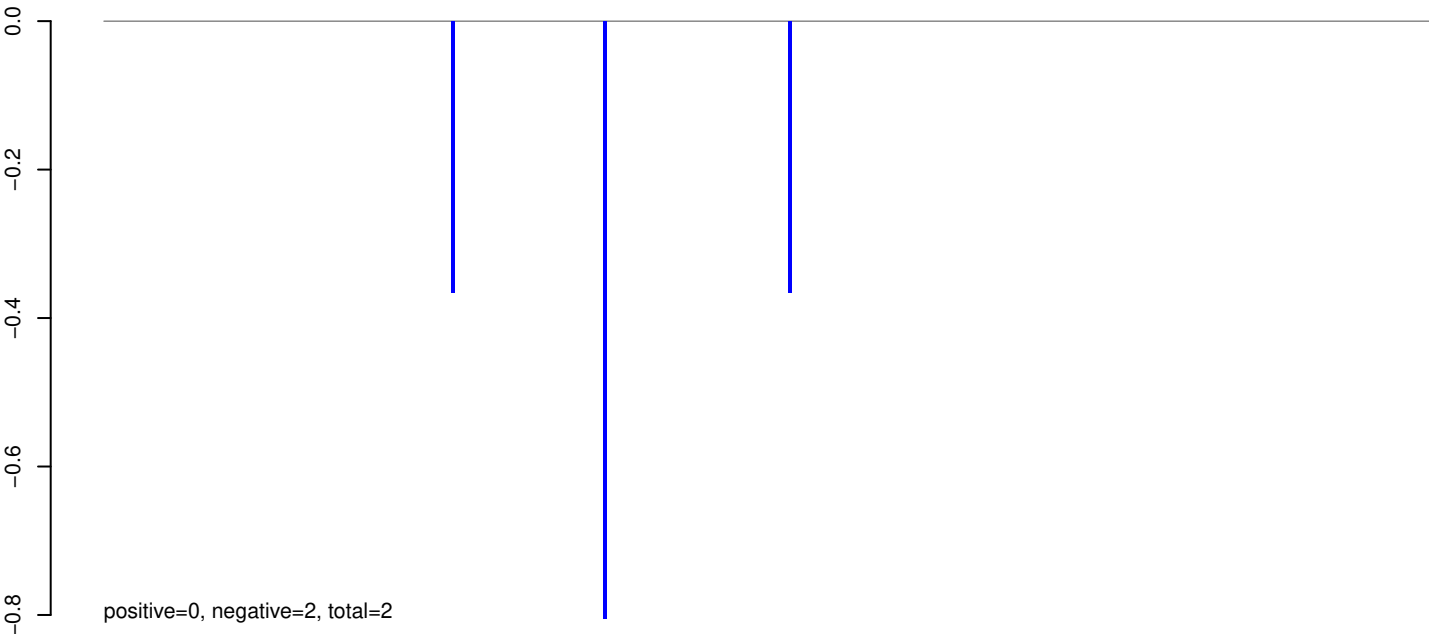
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



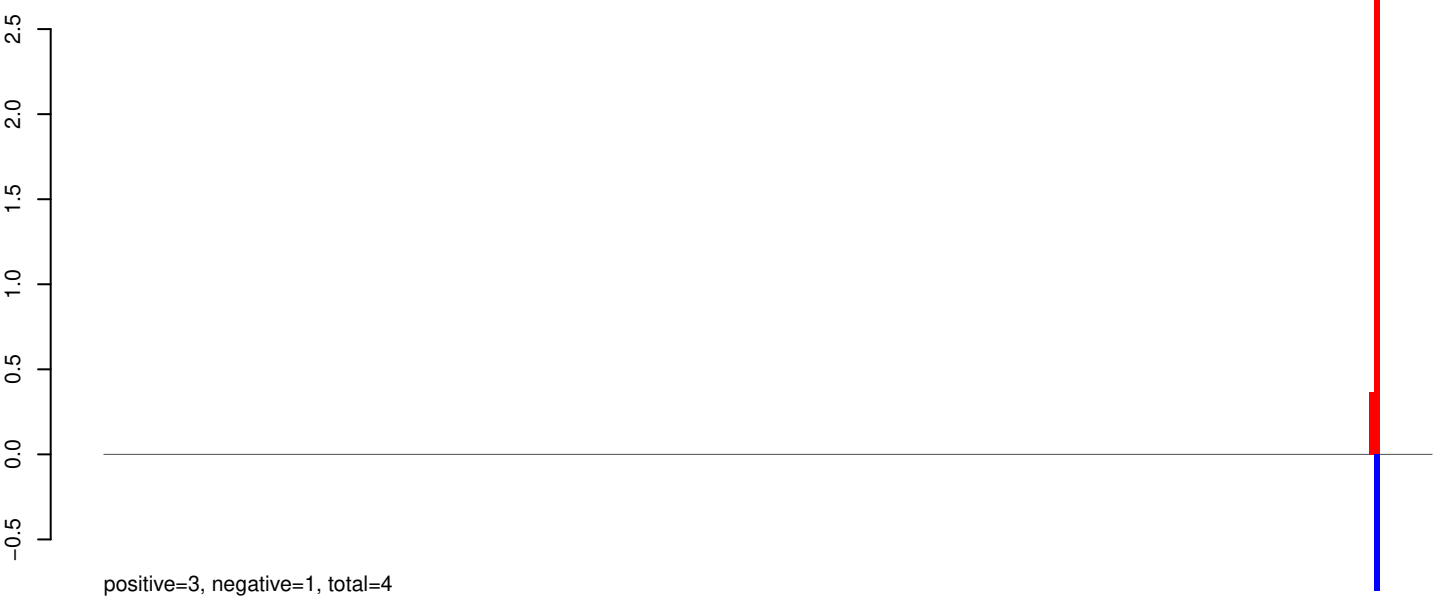
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

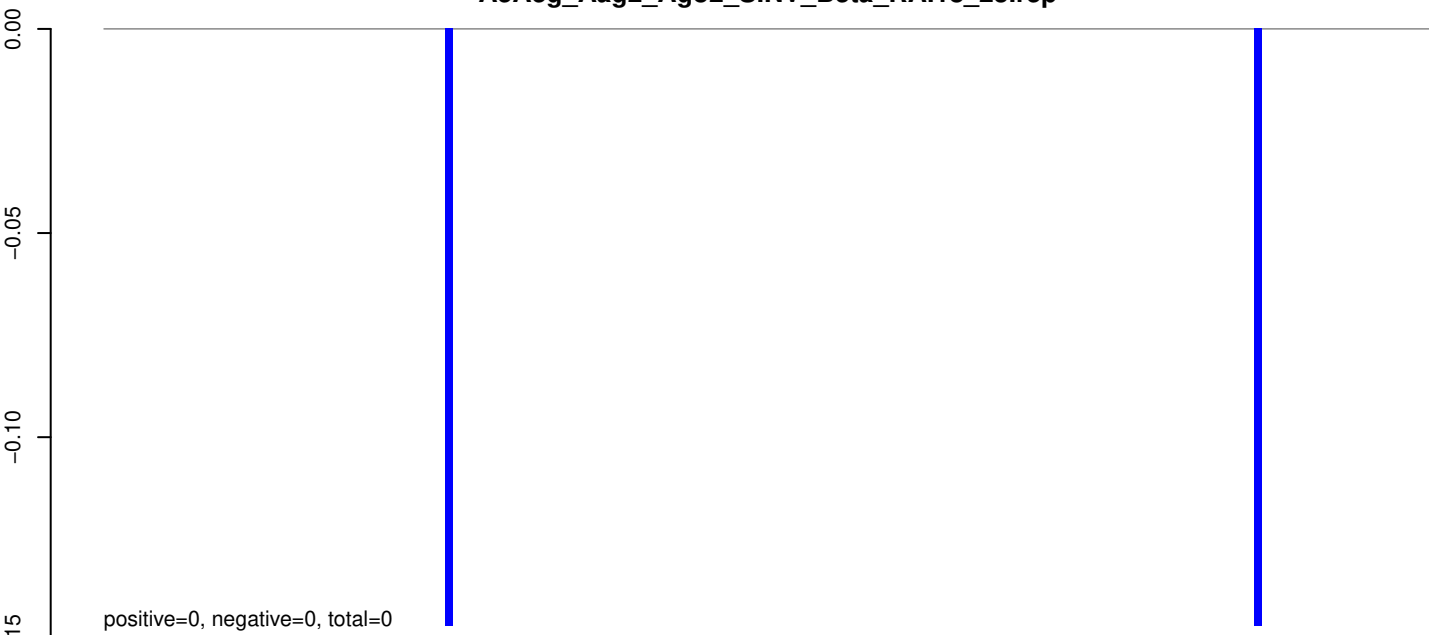


Window size=25, length=5735, TE@Gypsy-40\_AA-LTR-I:1-5735

0 1000 2000 3000 4000 5000 6000



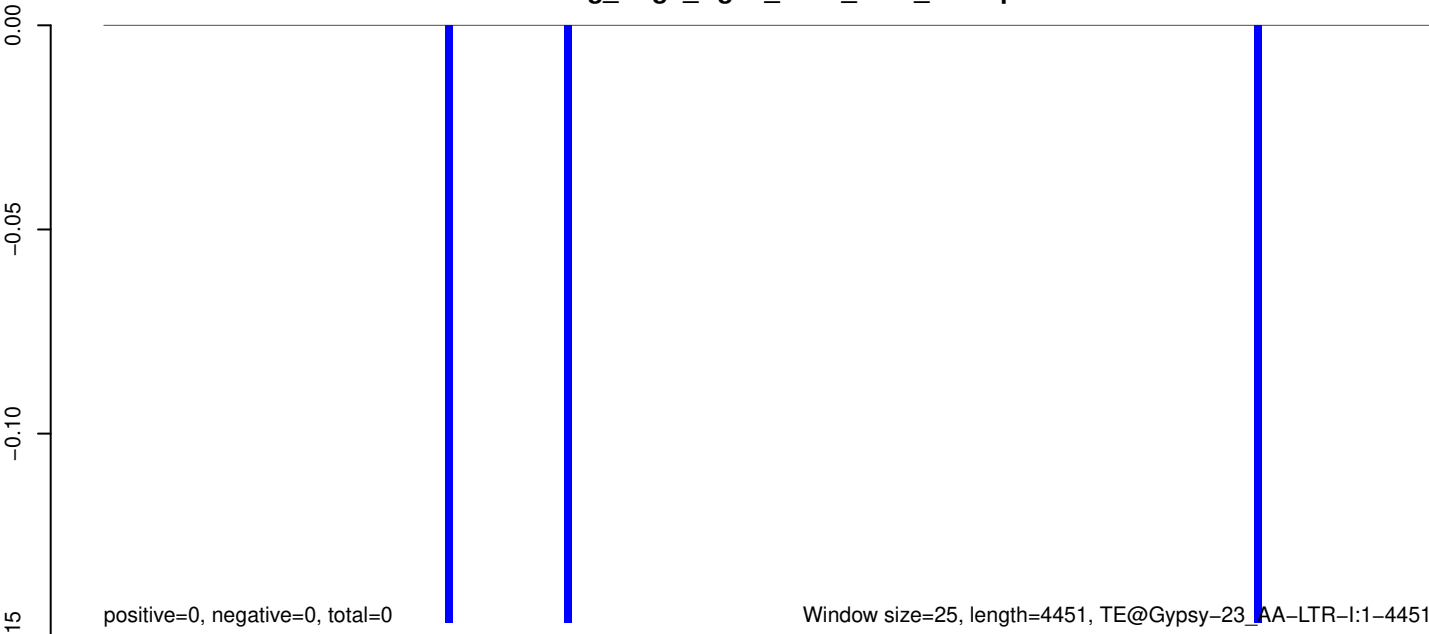
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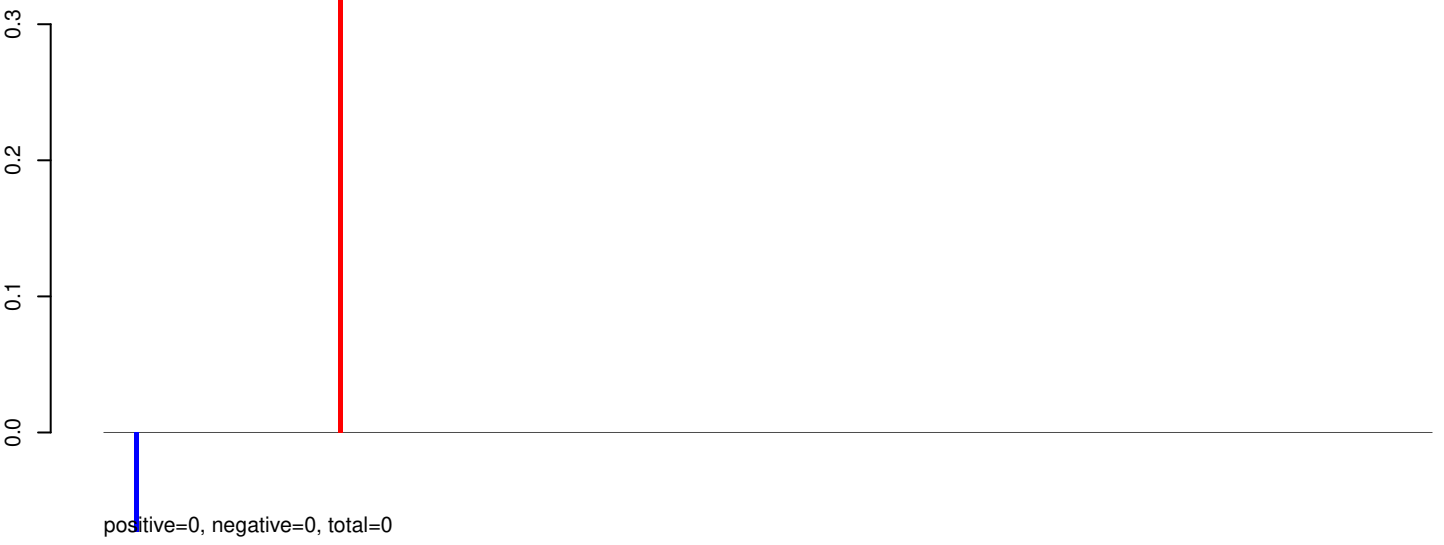
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



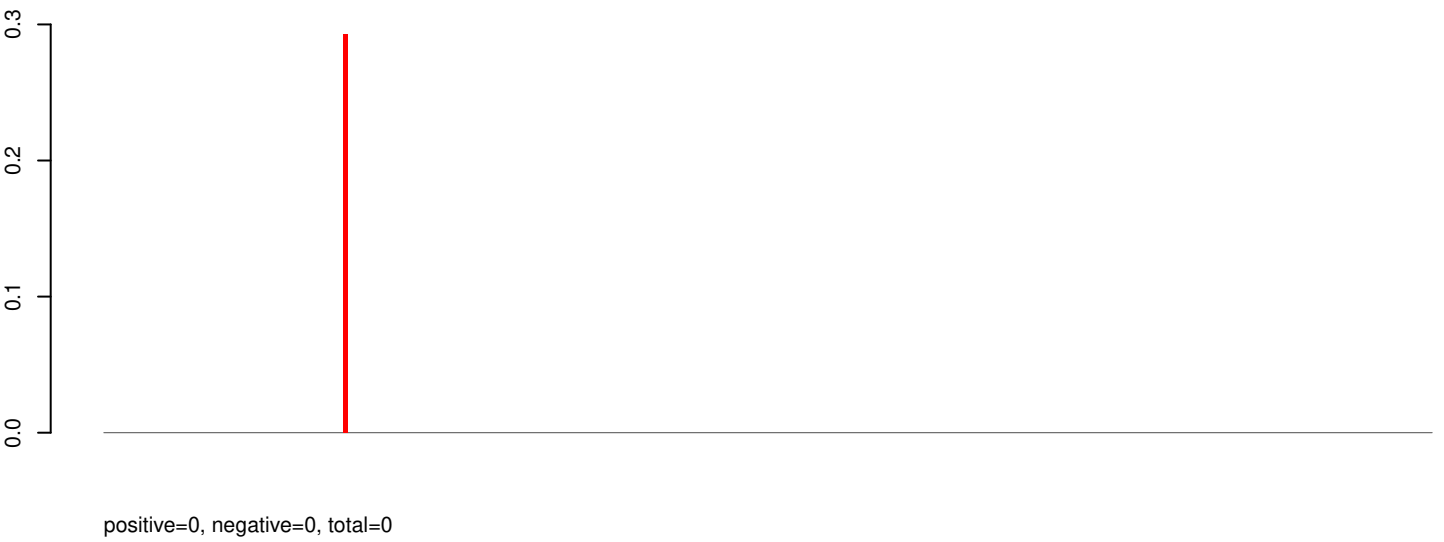
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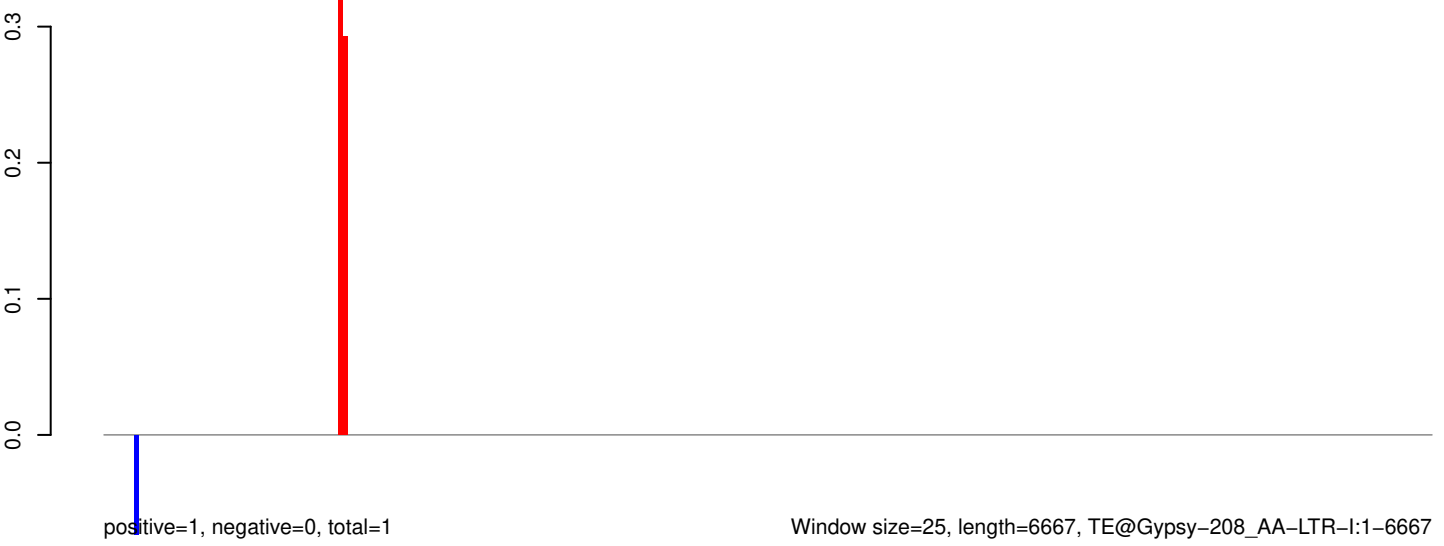
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



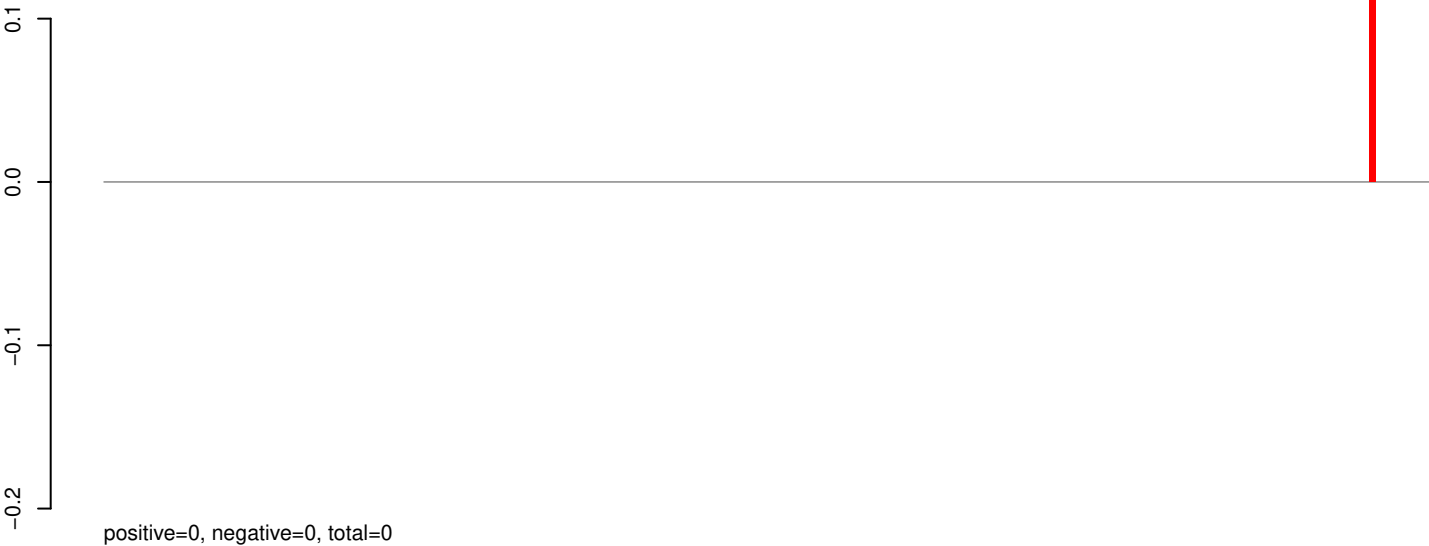
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0 1000 2000 3000 4000 5000 6000

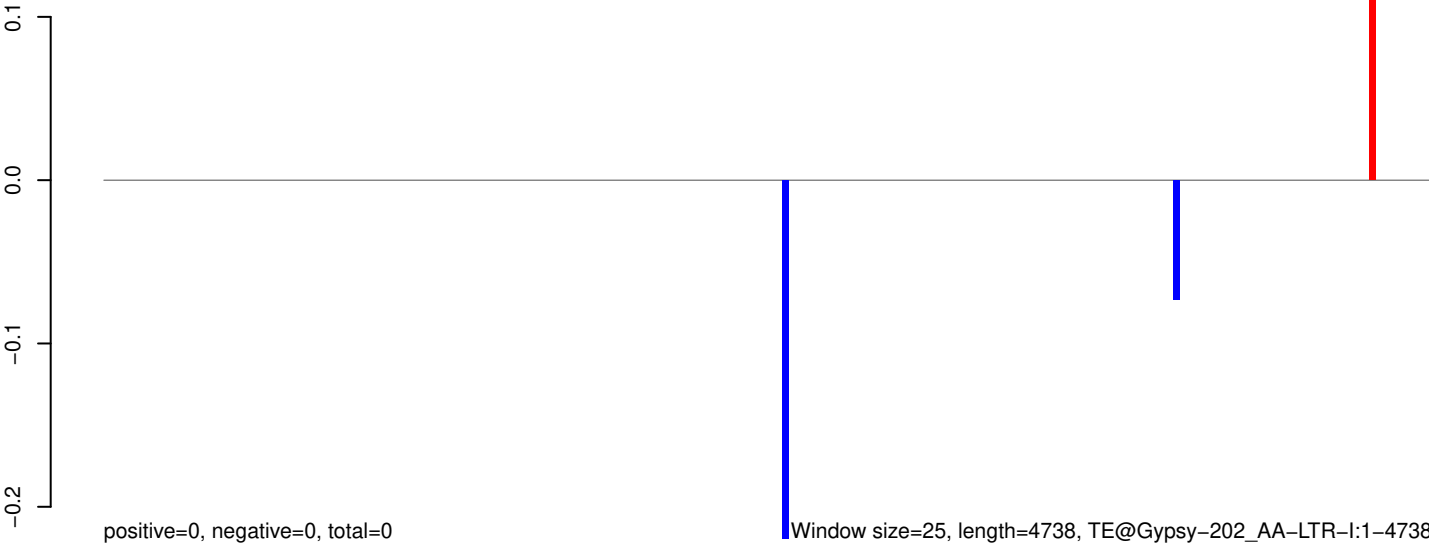
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



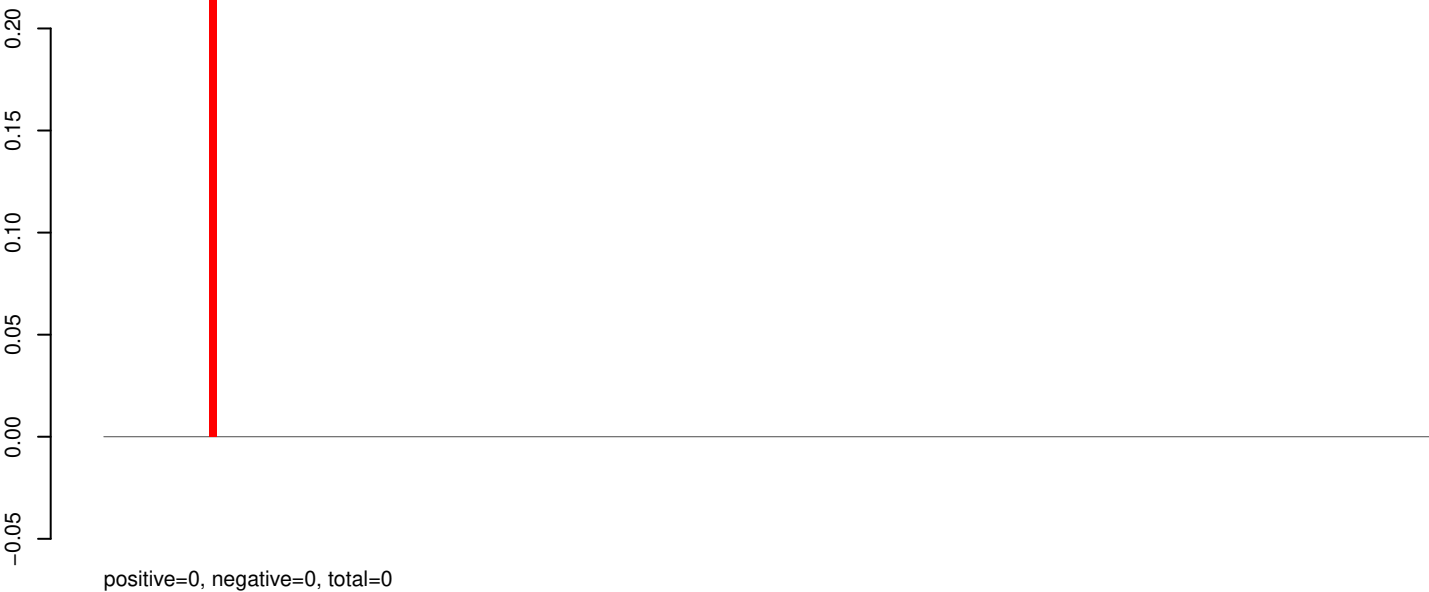
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



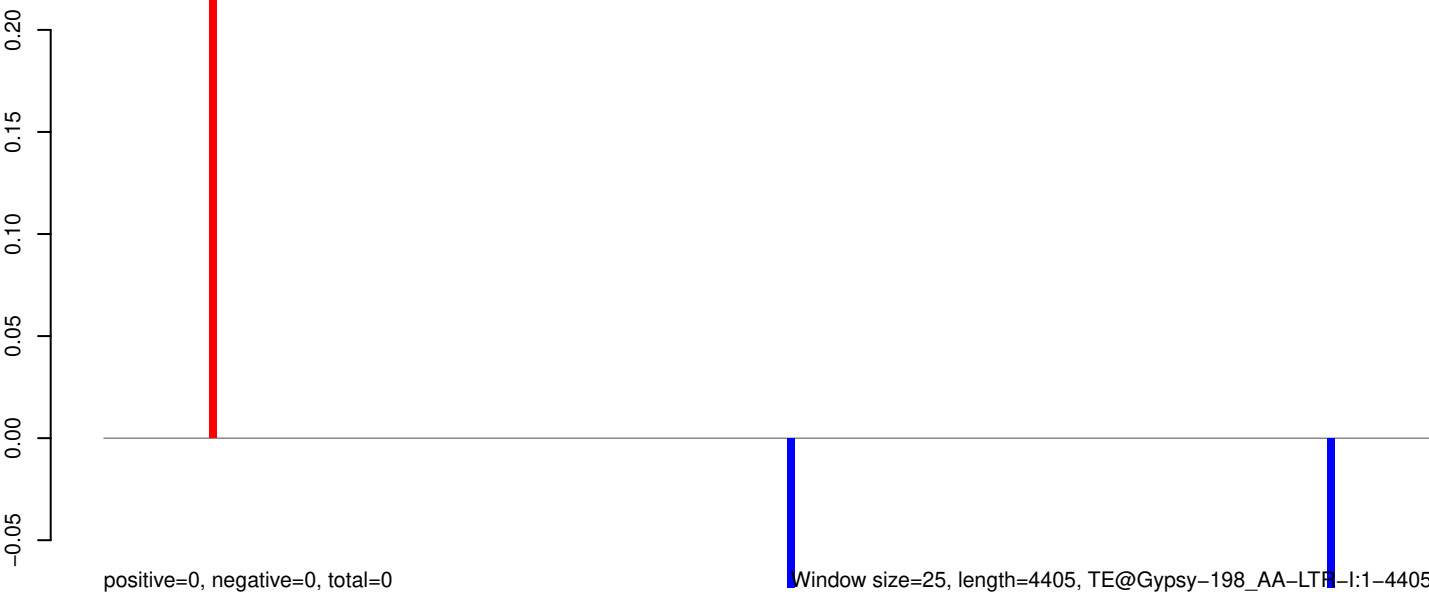
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



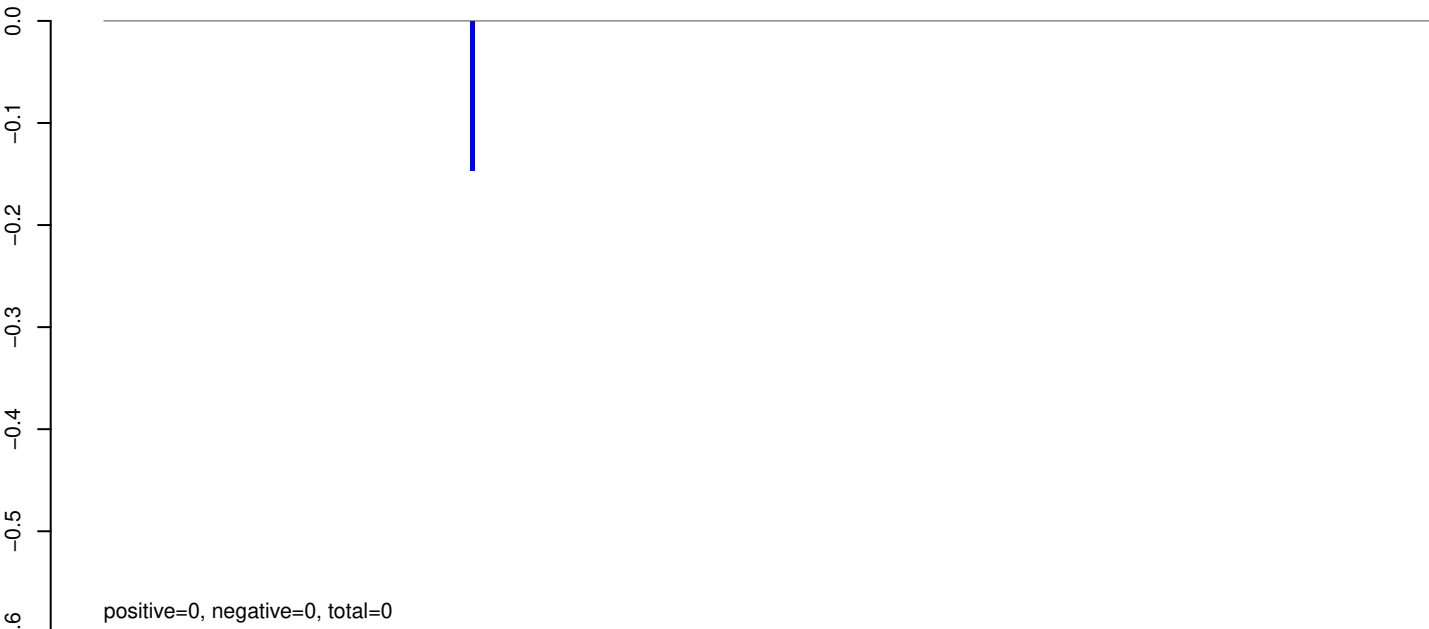
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



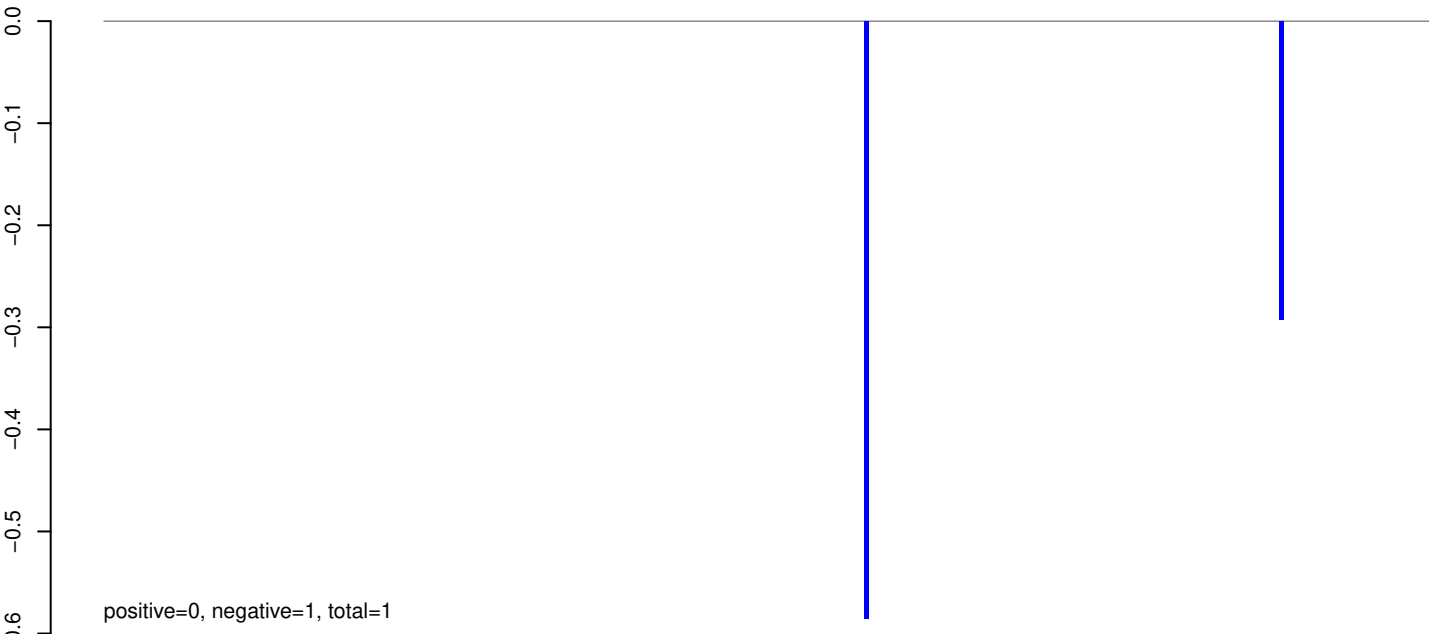
Window size=25, length=4405, TE@Gypsy-198\_AA-LTR-I:1-4405

0 1000 2000 3000 4000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

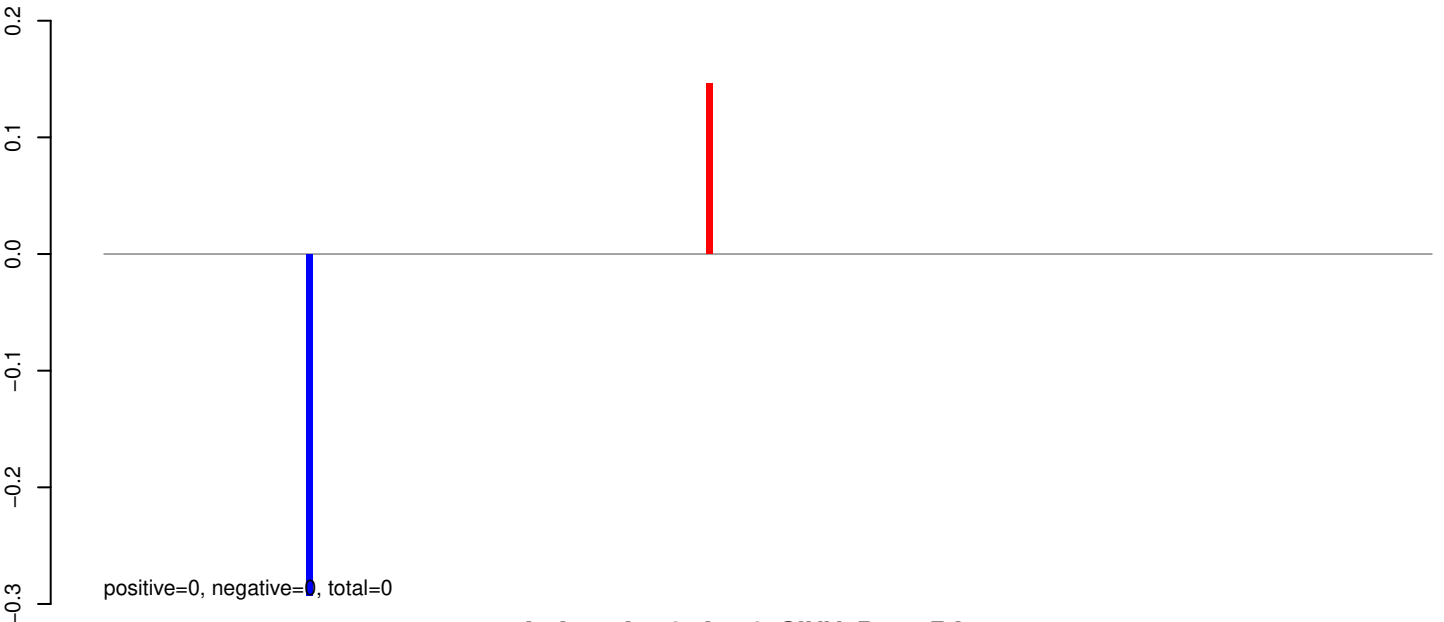


Window size=25, length=8232, TE@Gypsy-152\_AA-LTR-I:1-8232

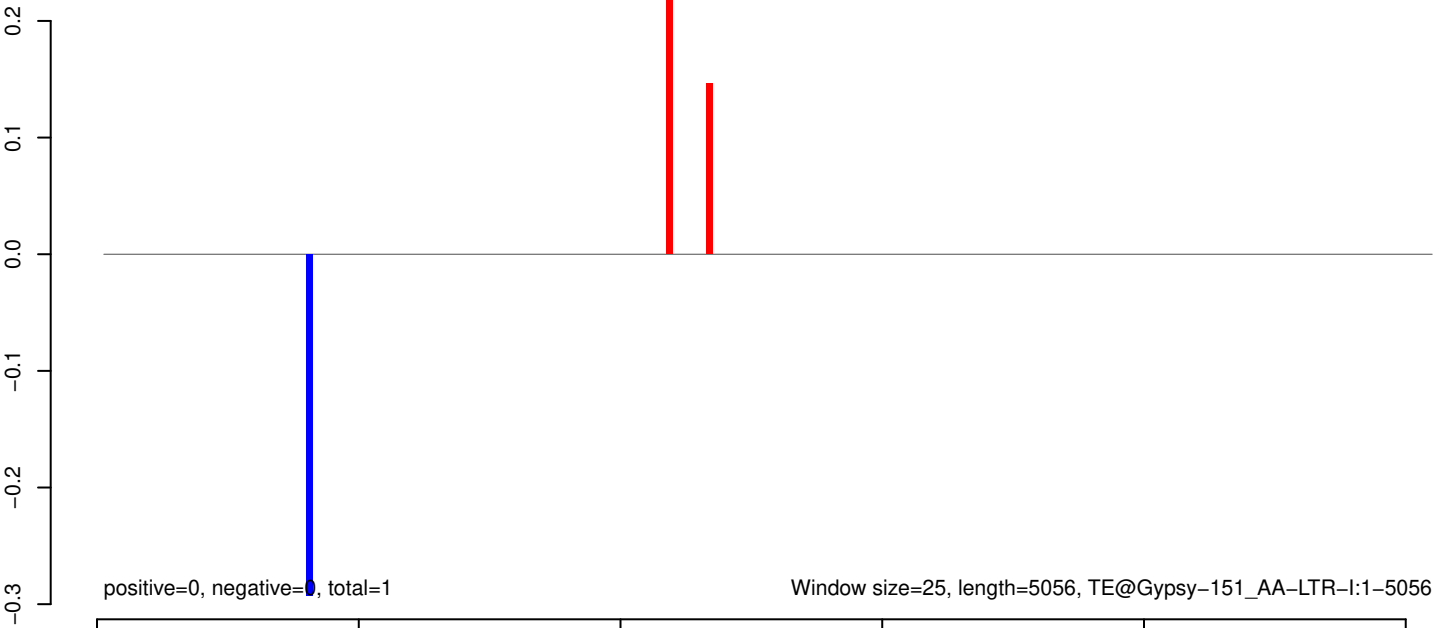
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



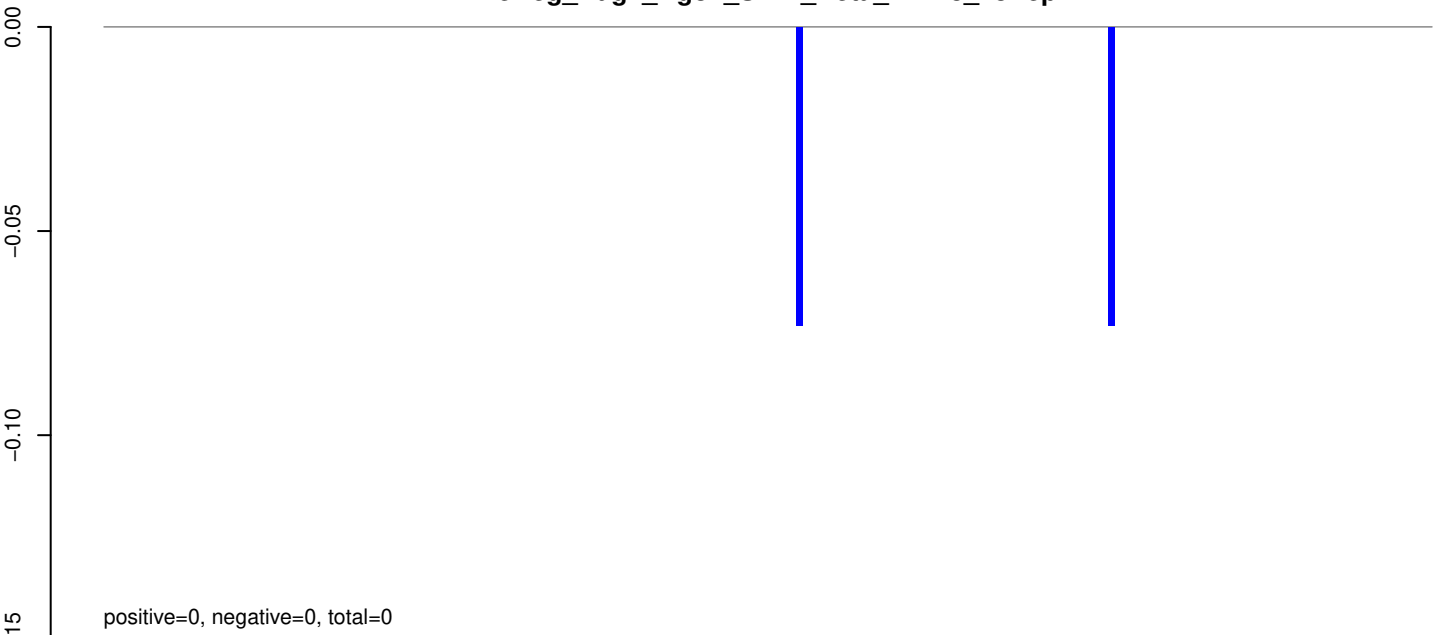
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



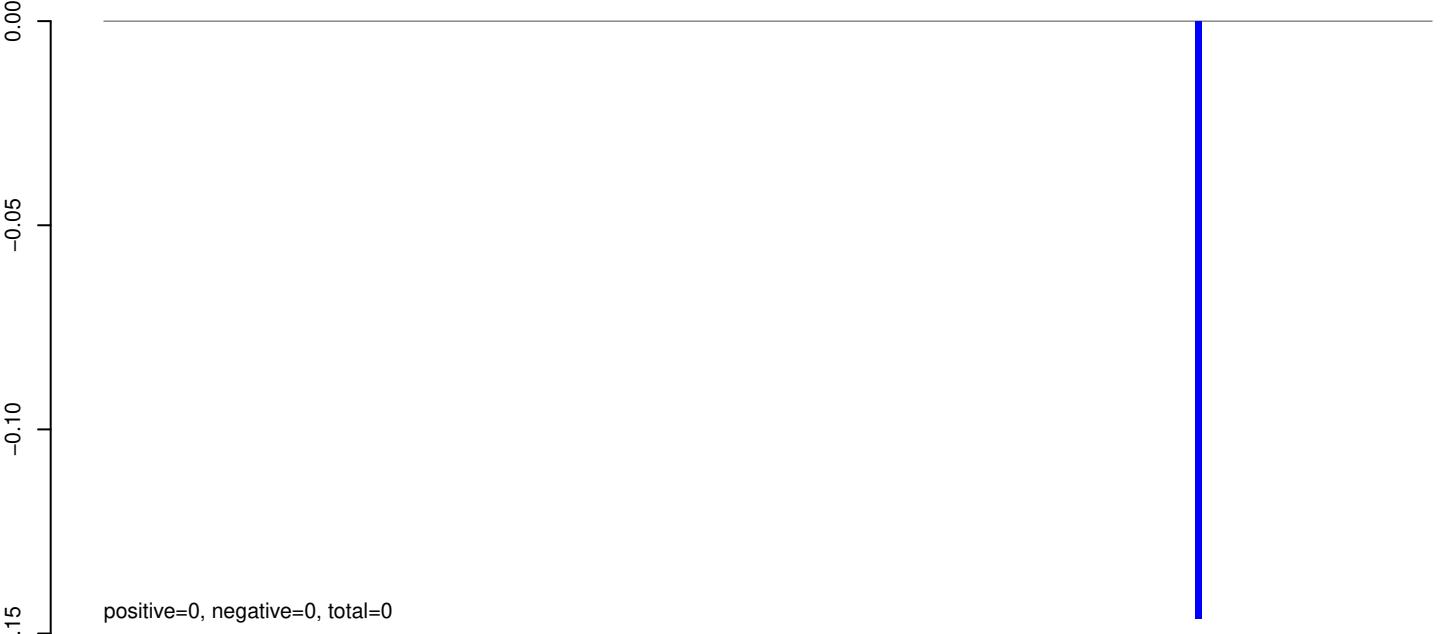
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

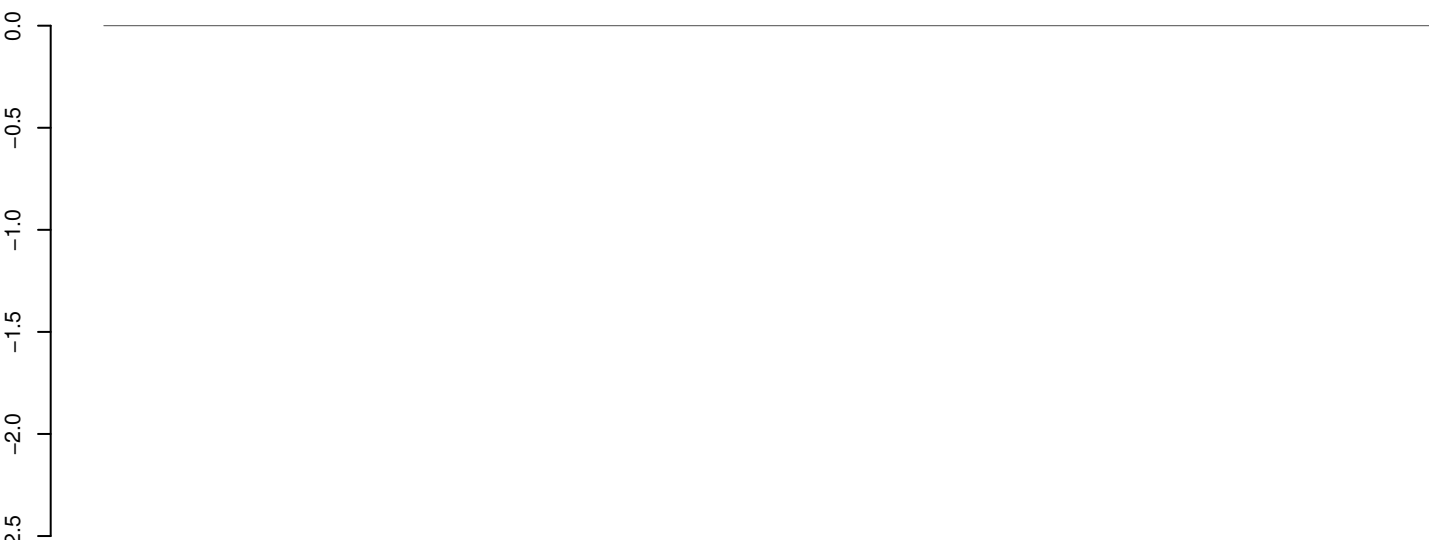


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



0 1000 2000 3000 4000 5000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



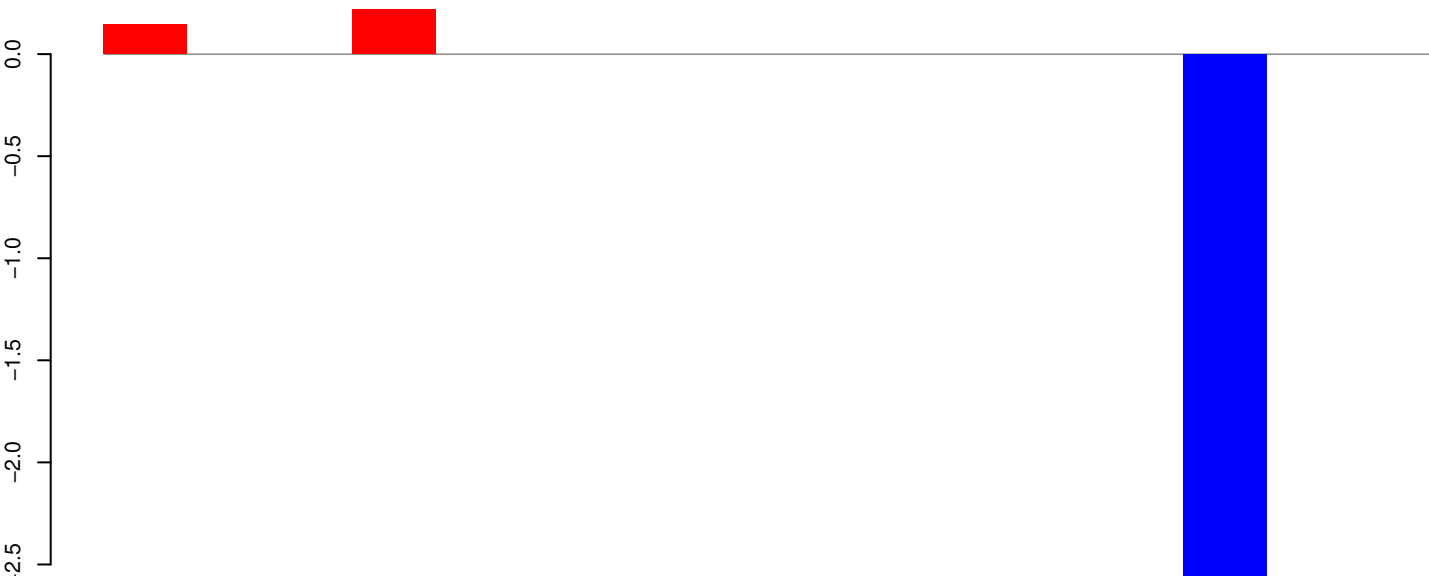
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=3, total=3

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



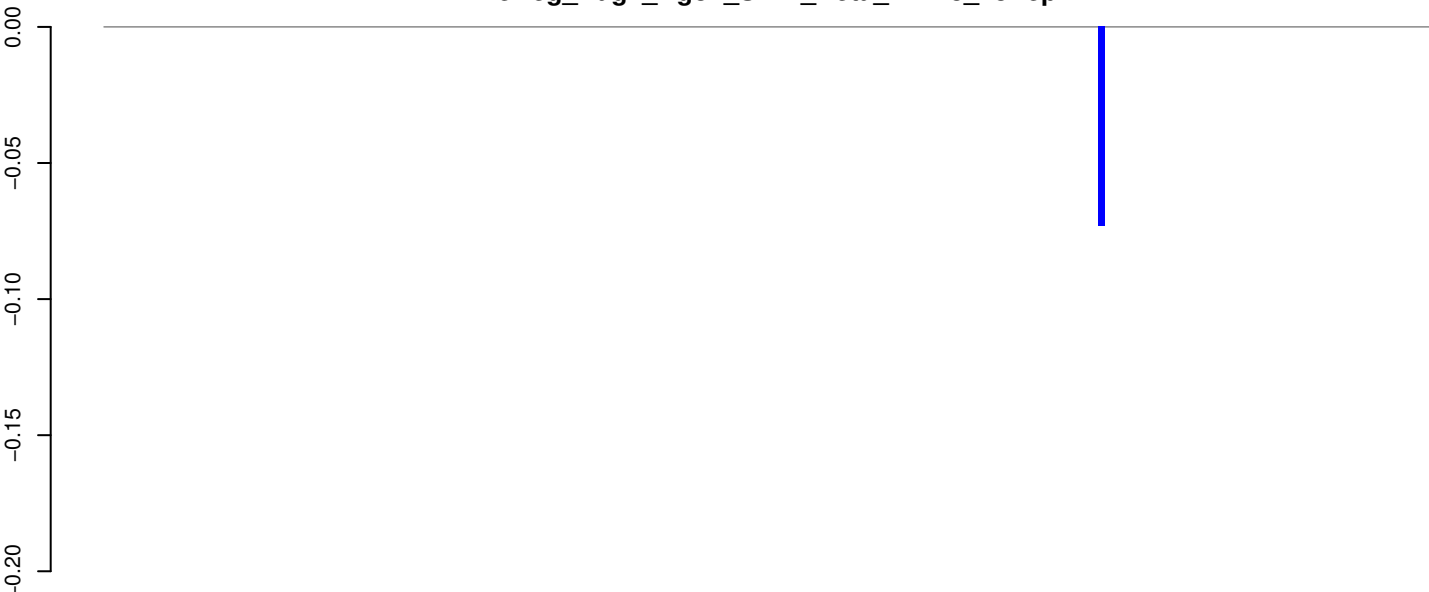
positive=0, negative=3, total=3

Window size=25, length=389, TE@DNA-10\_AAe:1-389

100 200 300 400

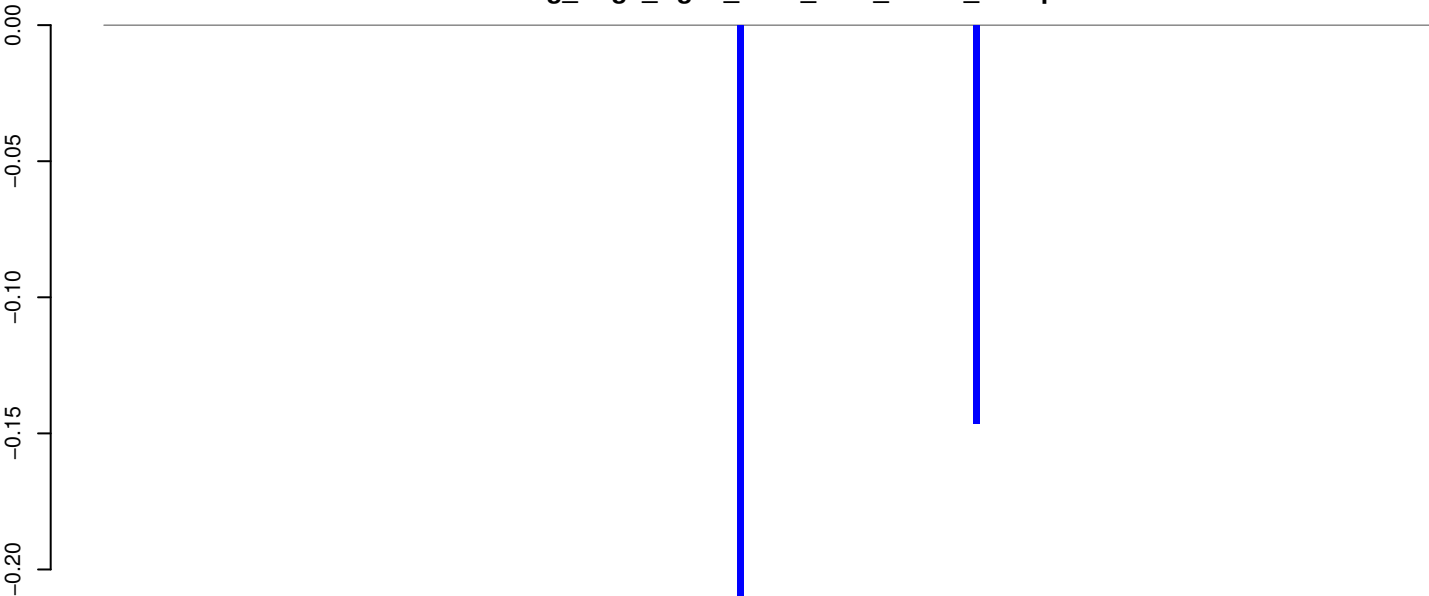


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



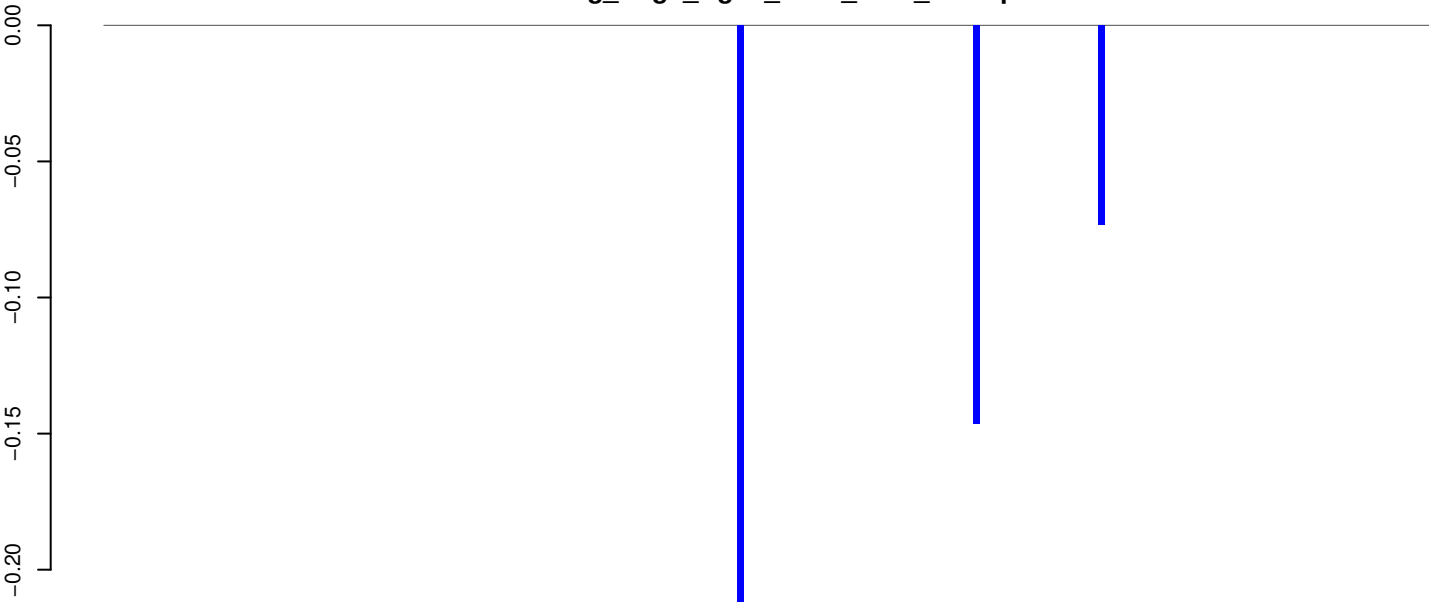
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



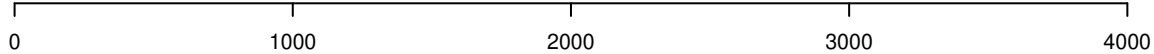
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

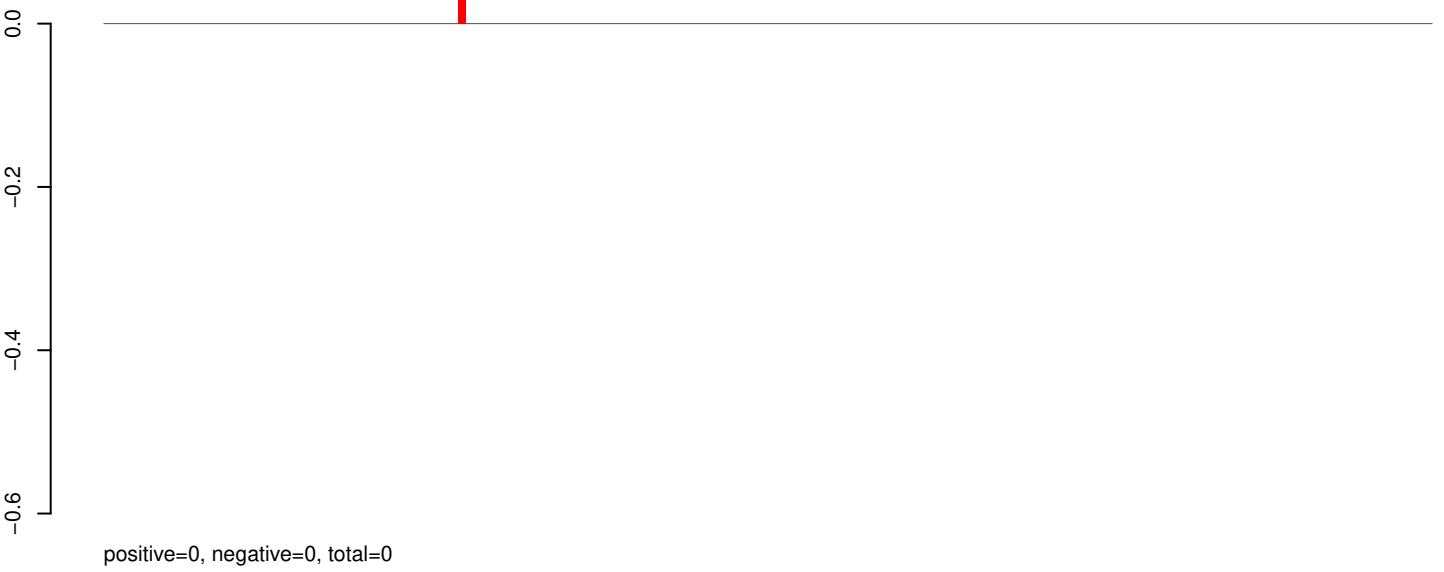


positive=0, negative=0, total=0

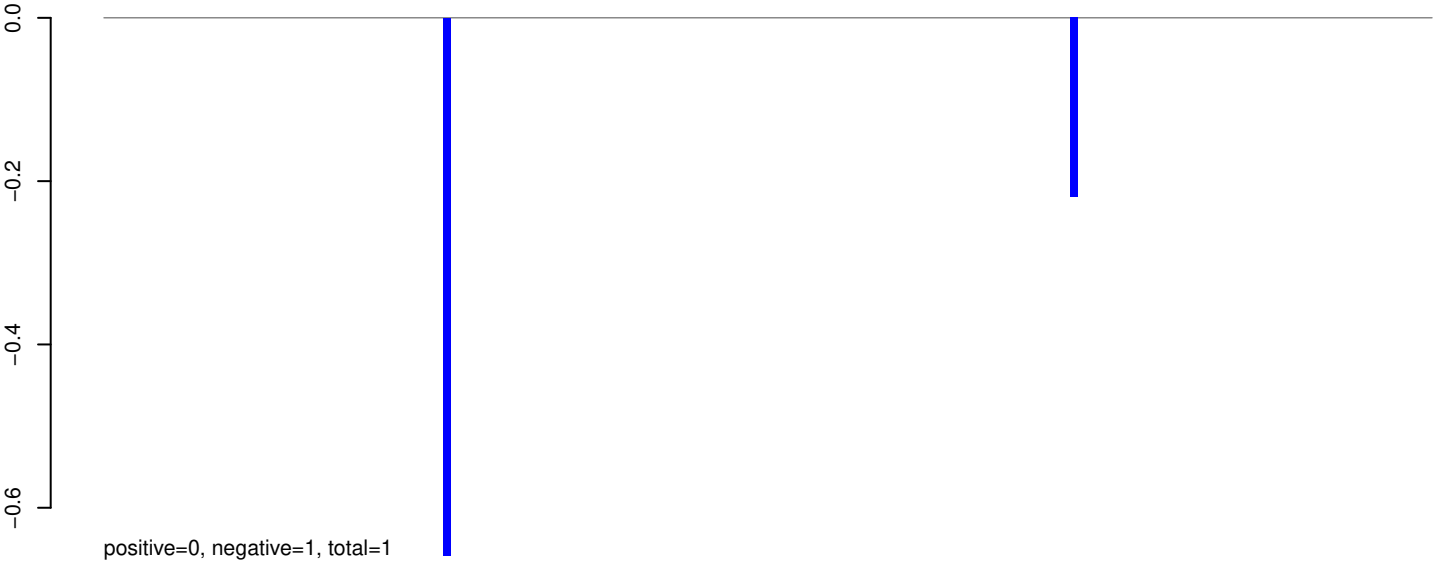
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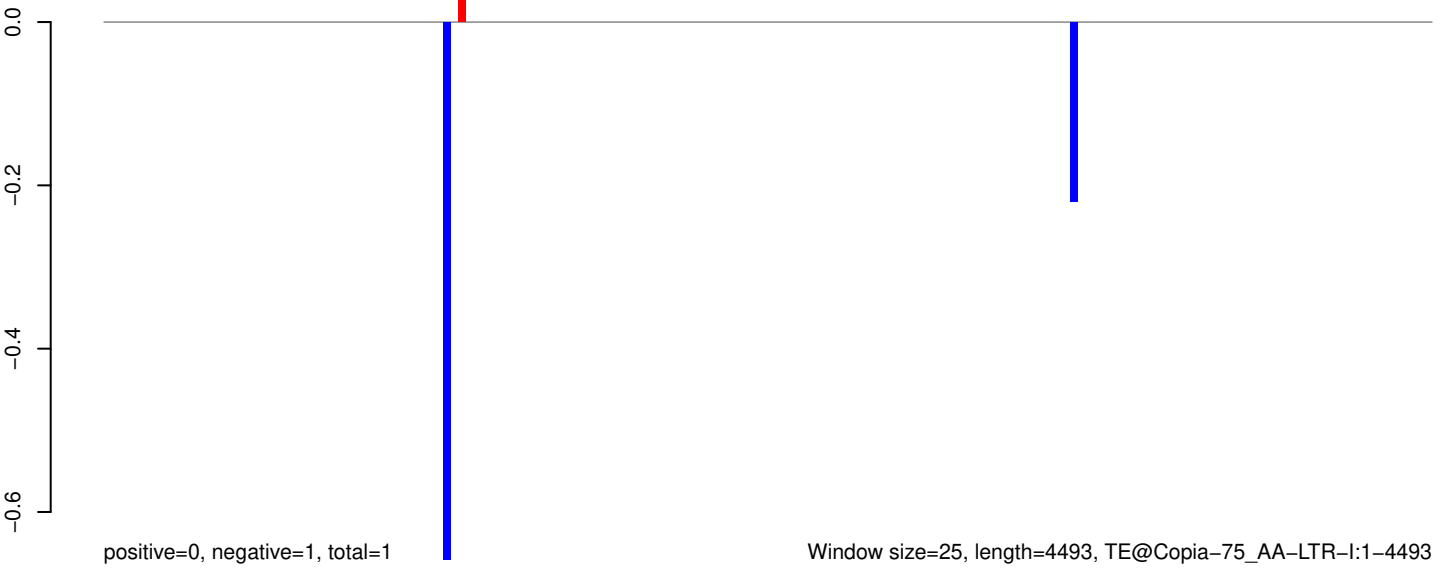
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

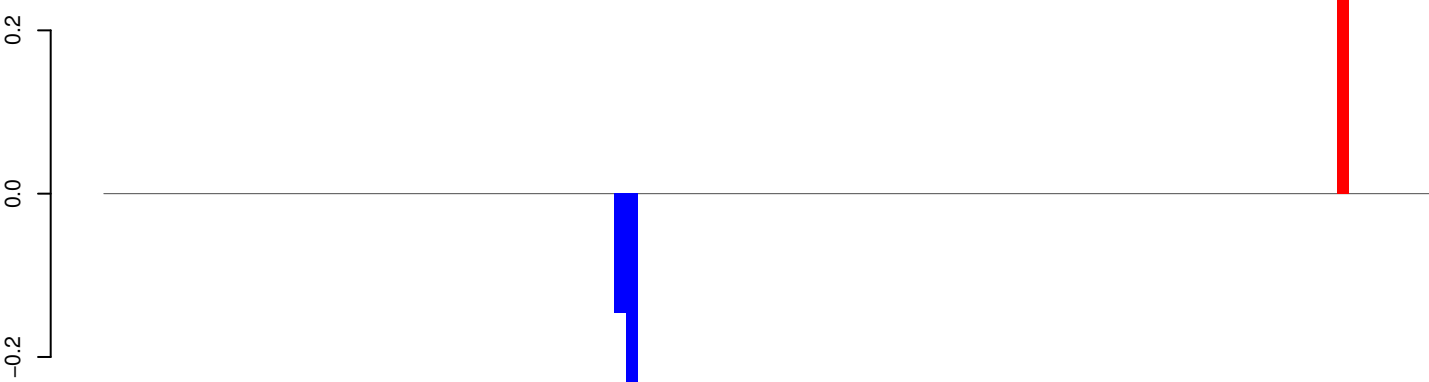


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



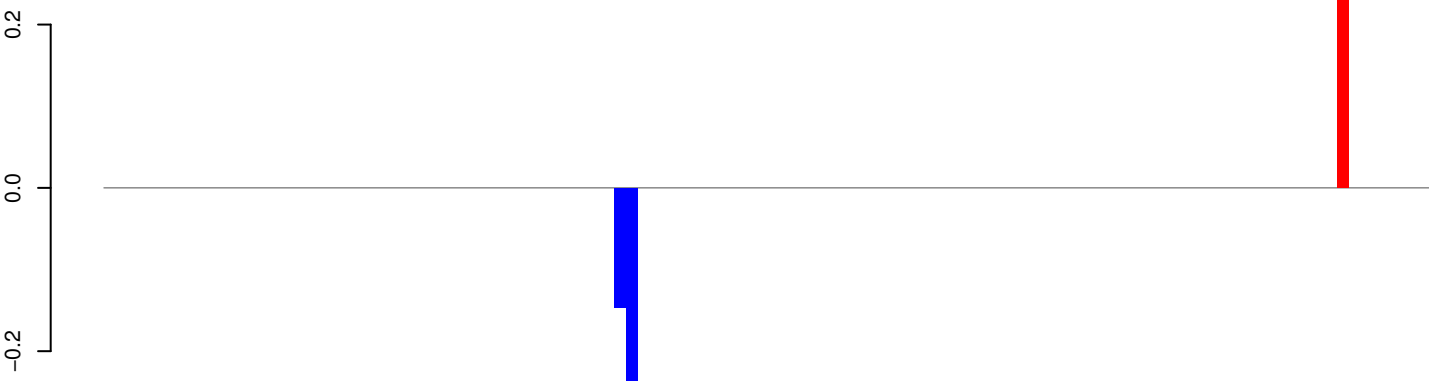
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



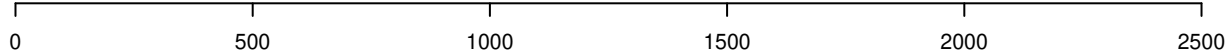
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=1, total=1

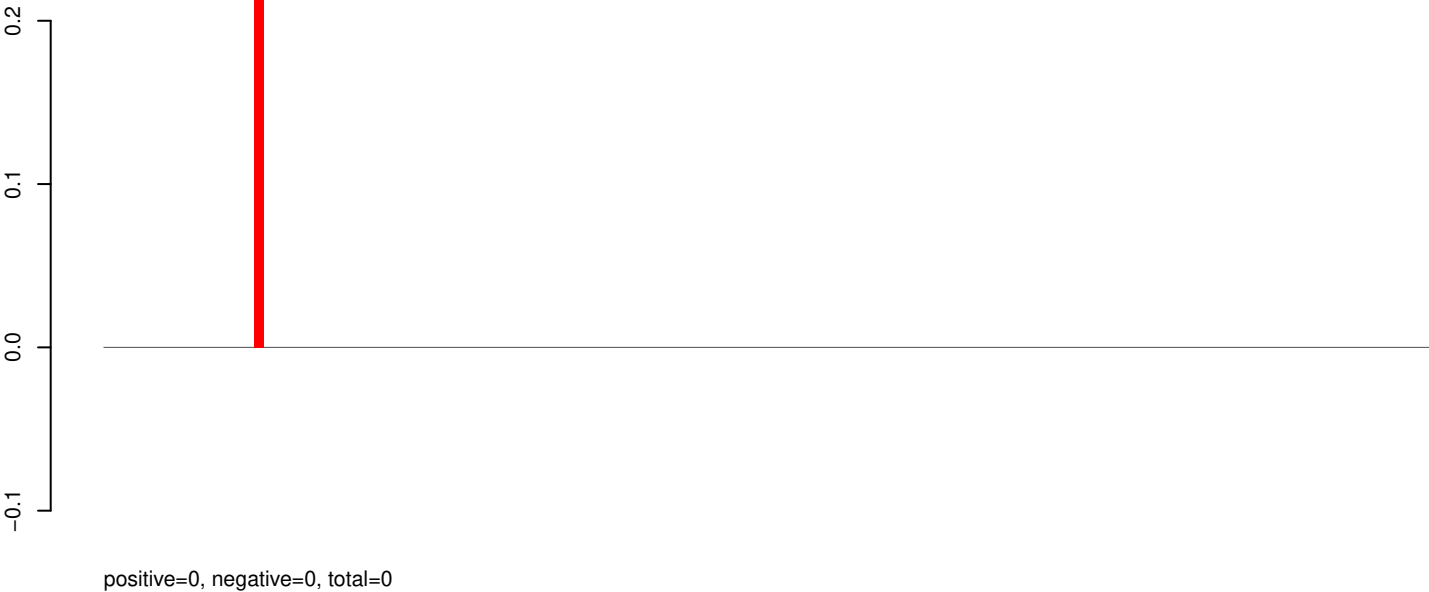
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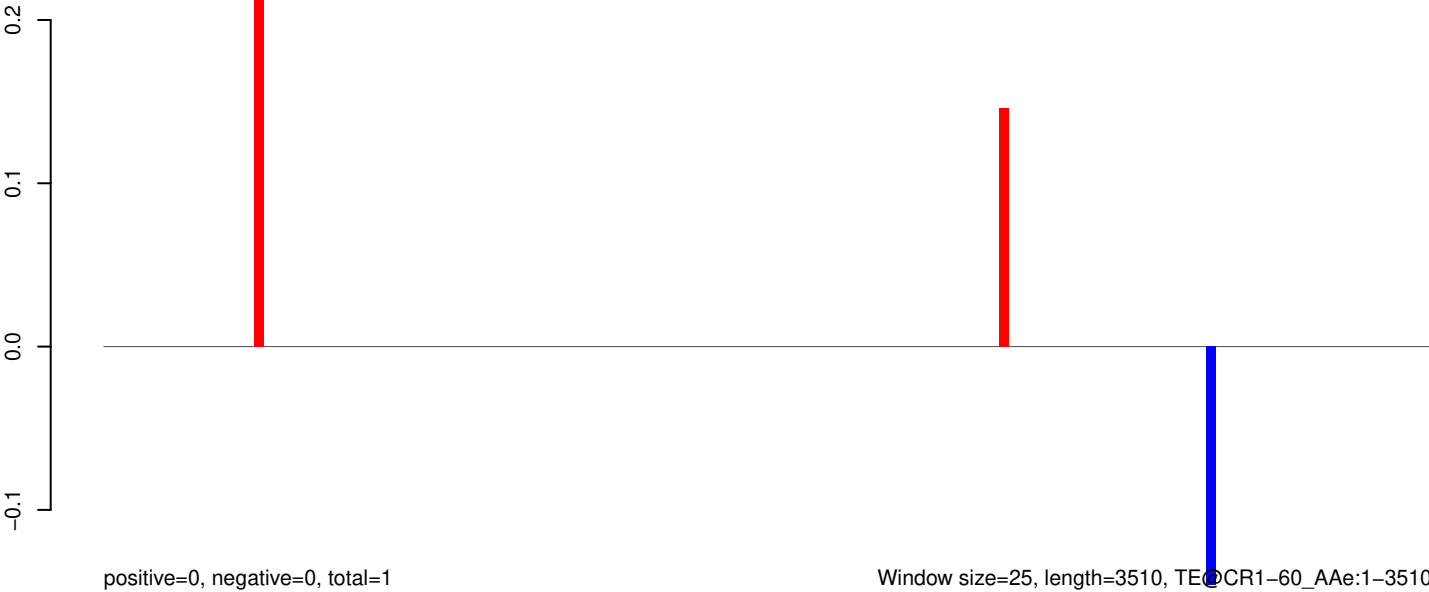
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



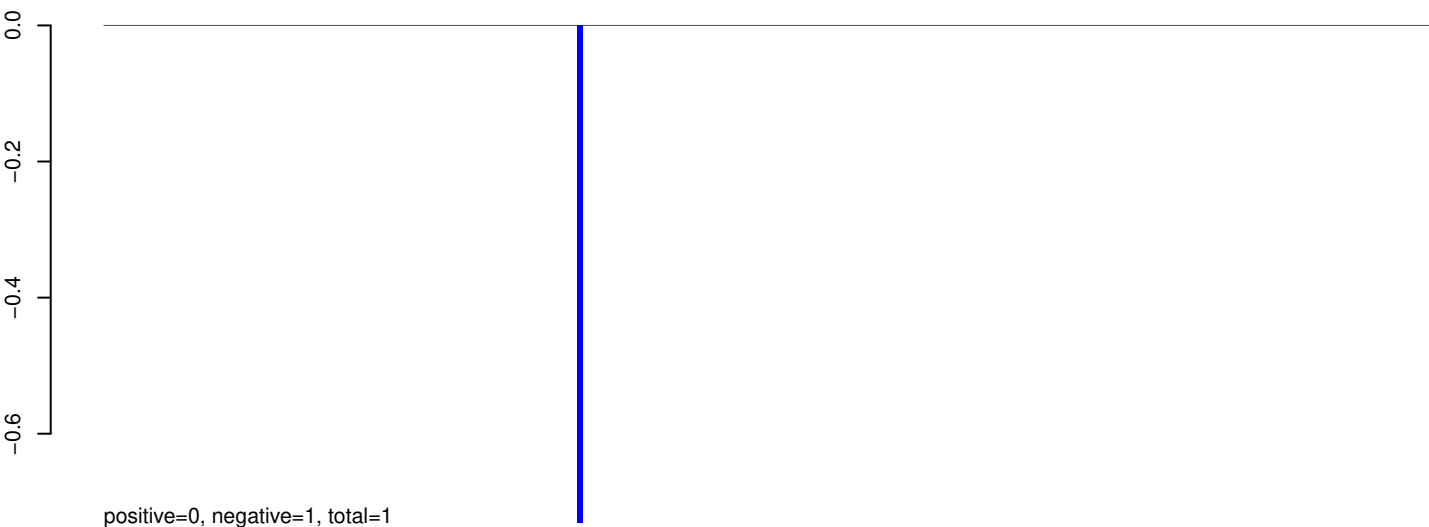
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=4462, TE@CR1-55\_A Ae:1-4462

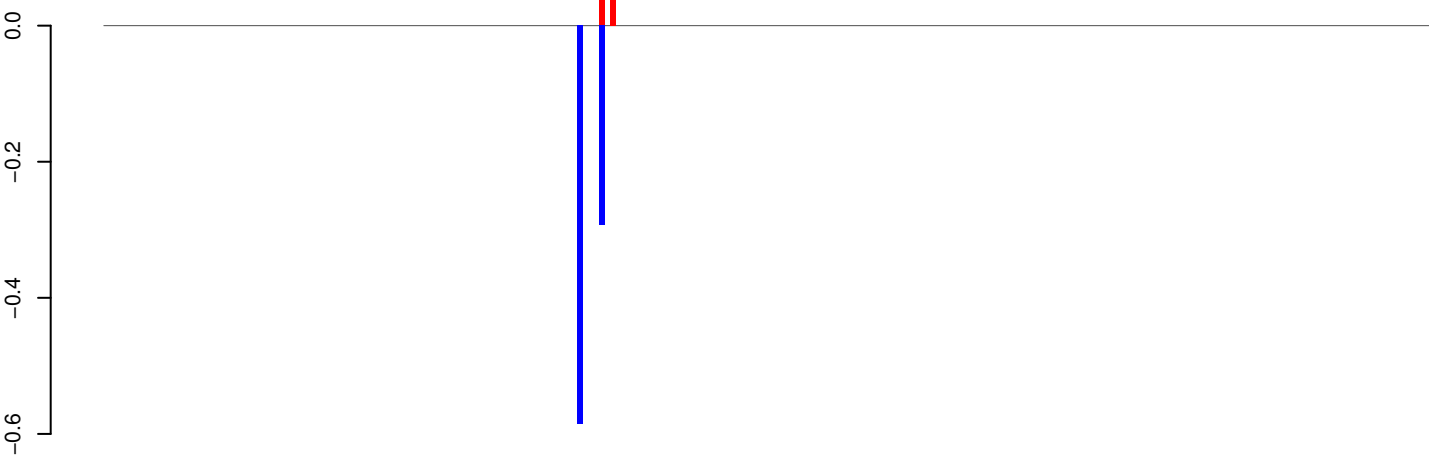
0 1000 2000 3000 4000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



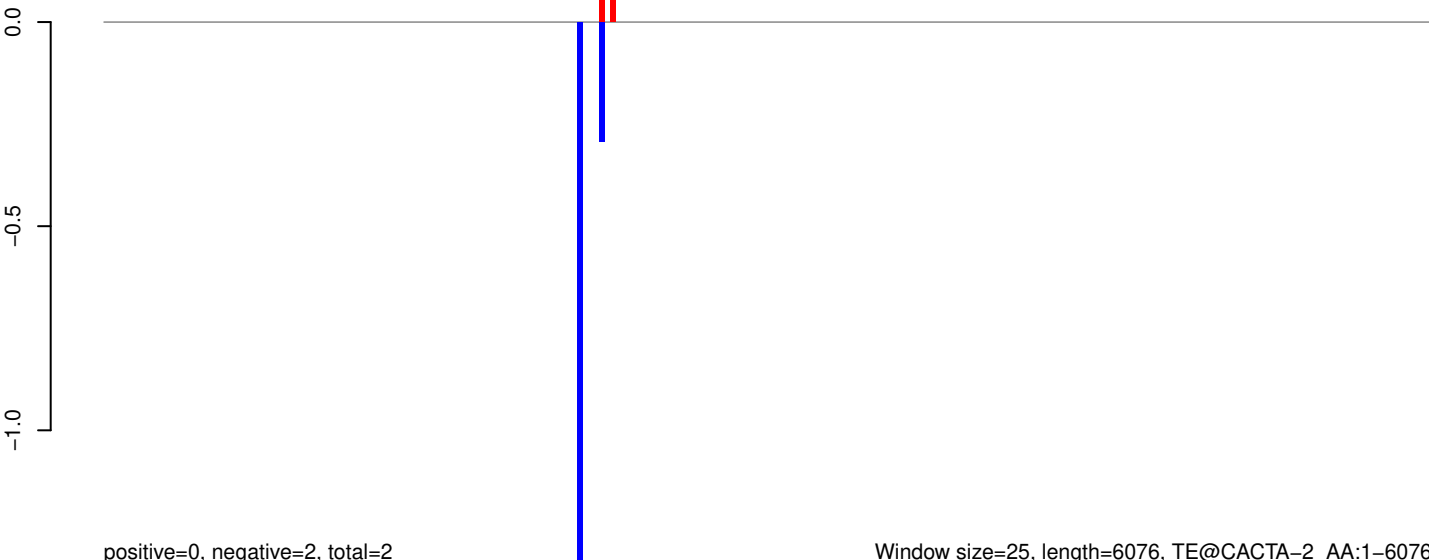
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



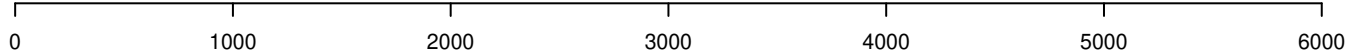
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

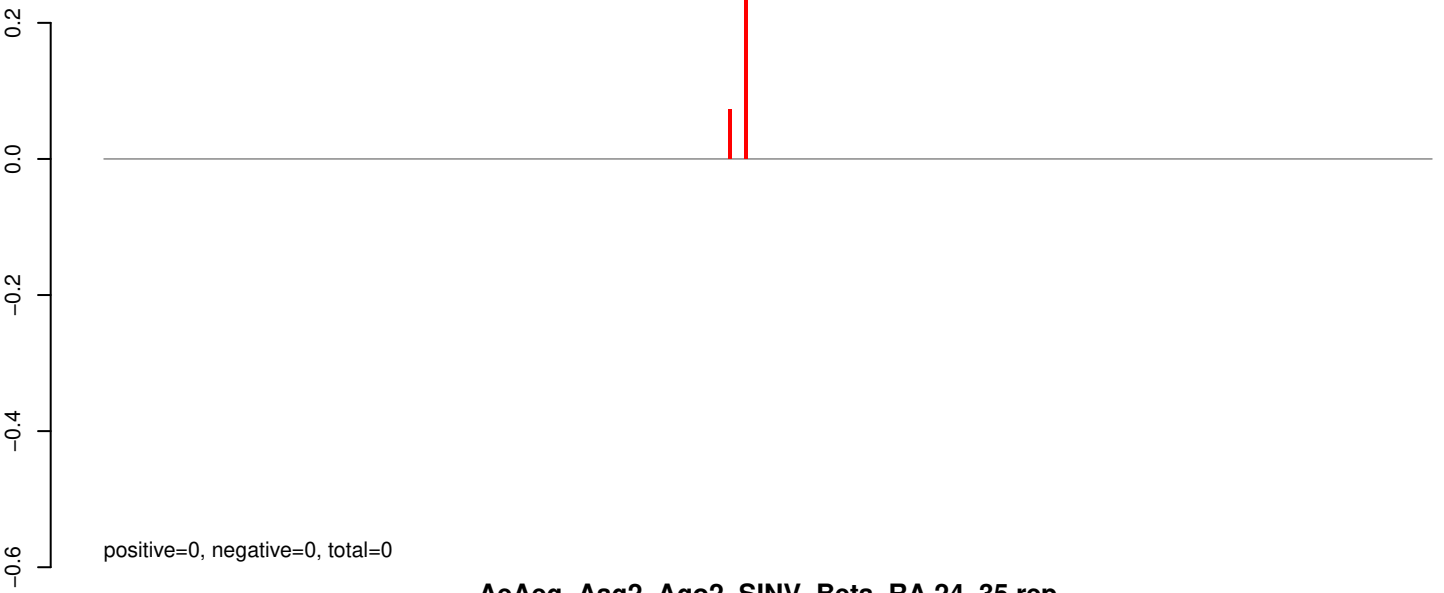


positive=0, negative=2, total=2

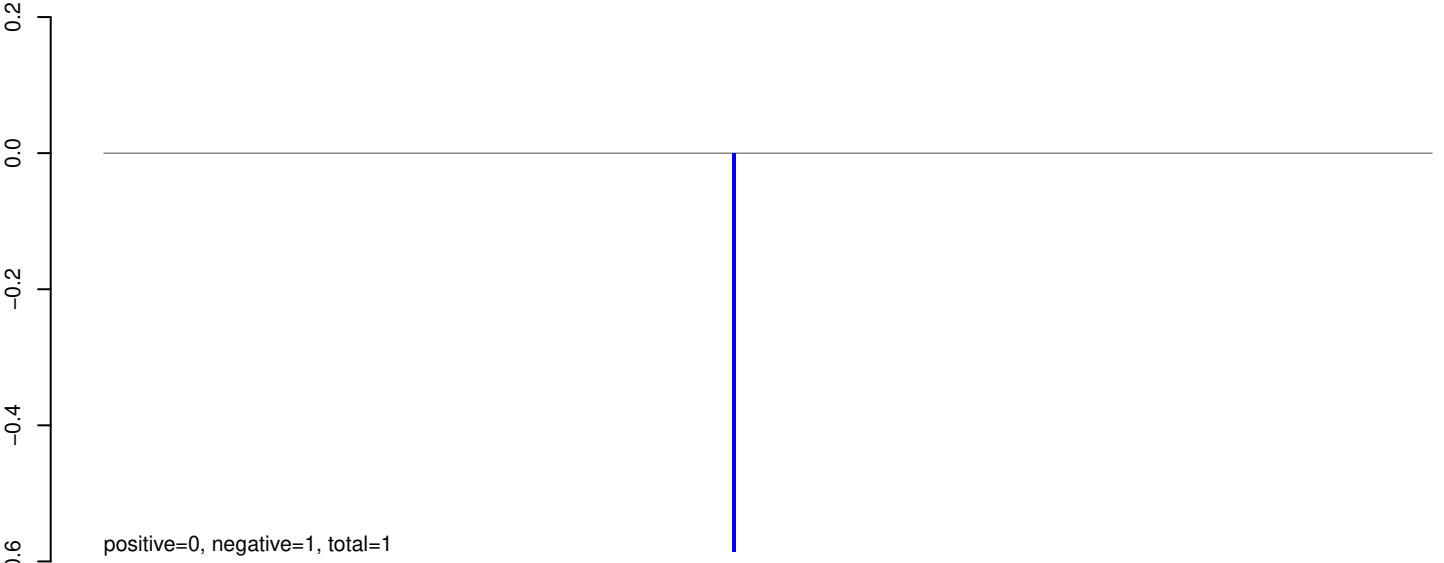
Window size=25, length=6076, TE@CACTA-2\_AA:1-6076



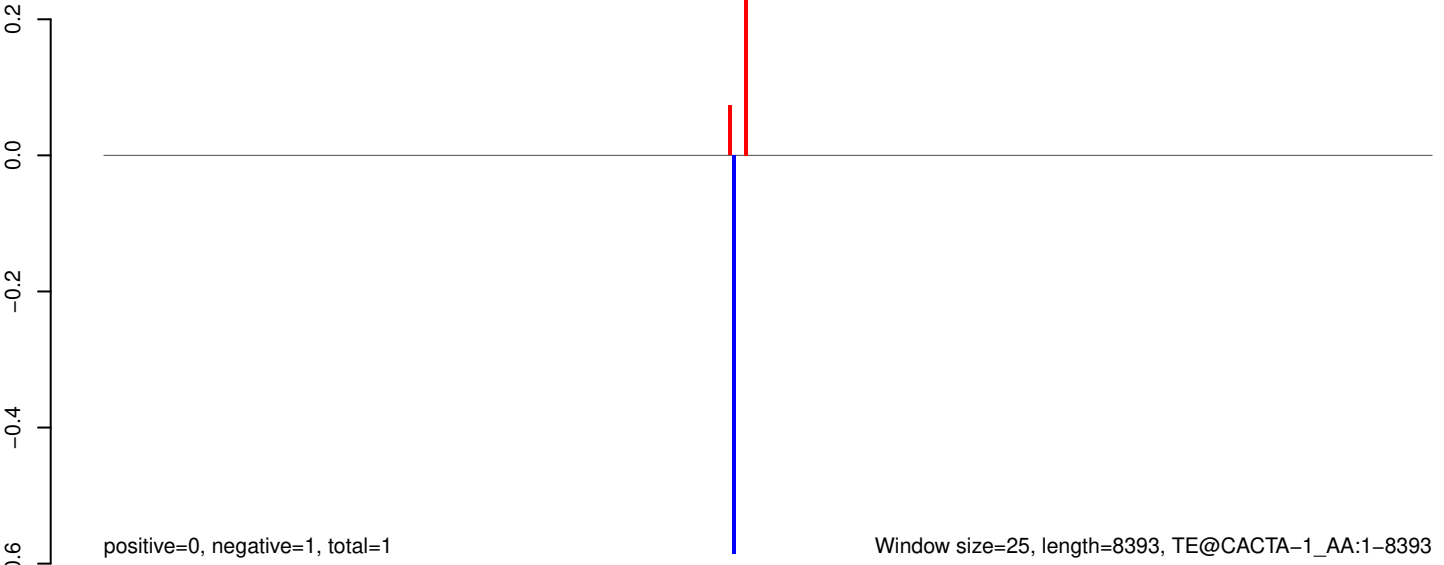
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



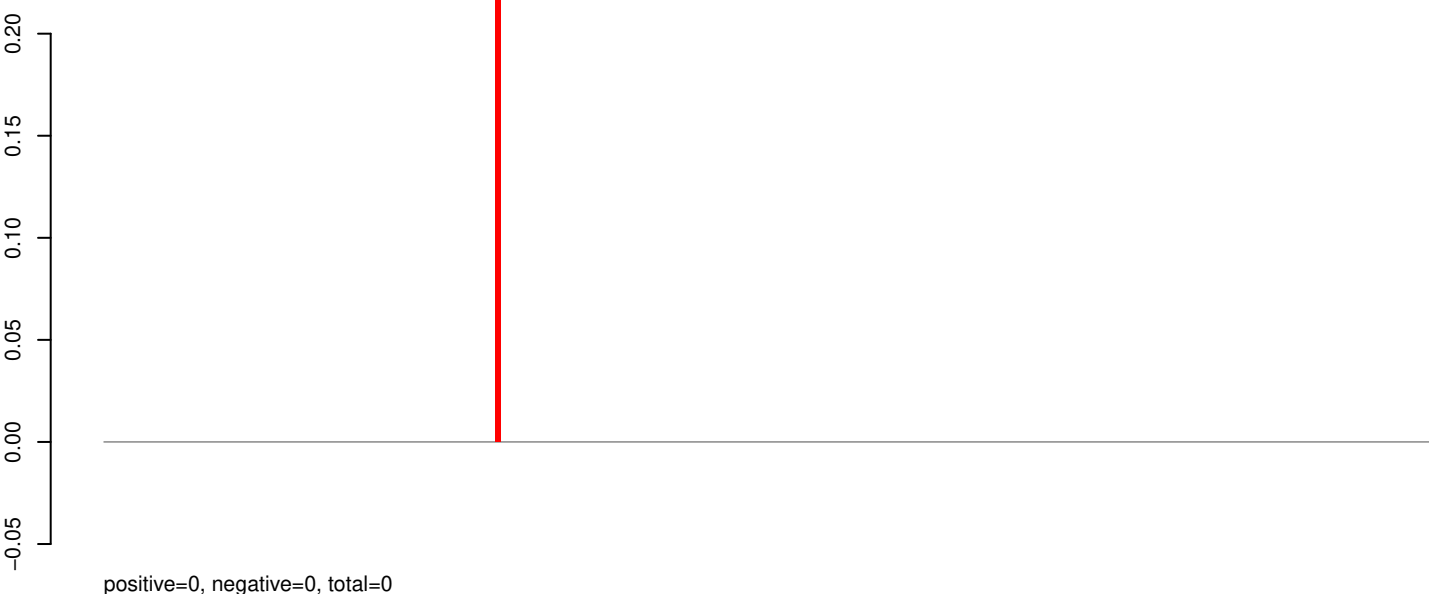
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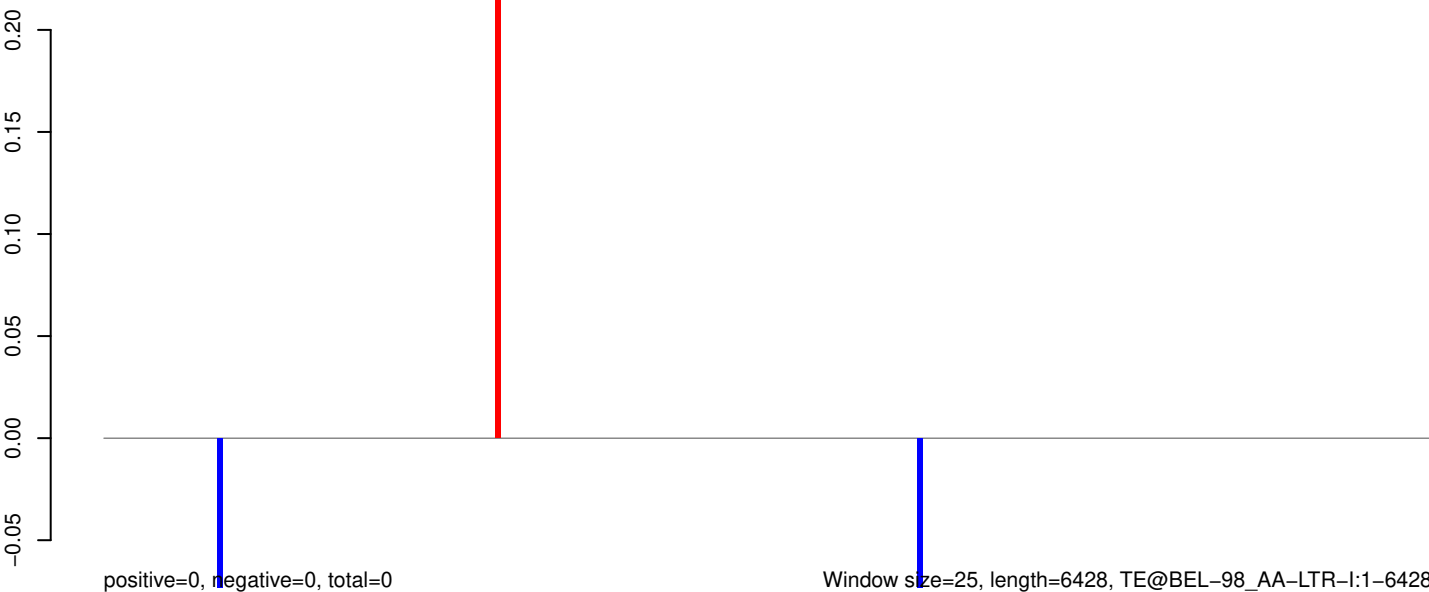
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



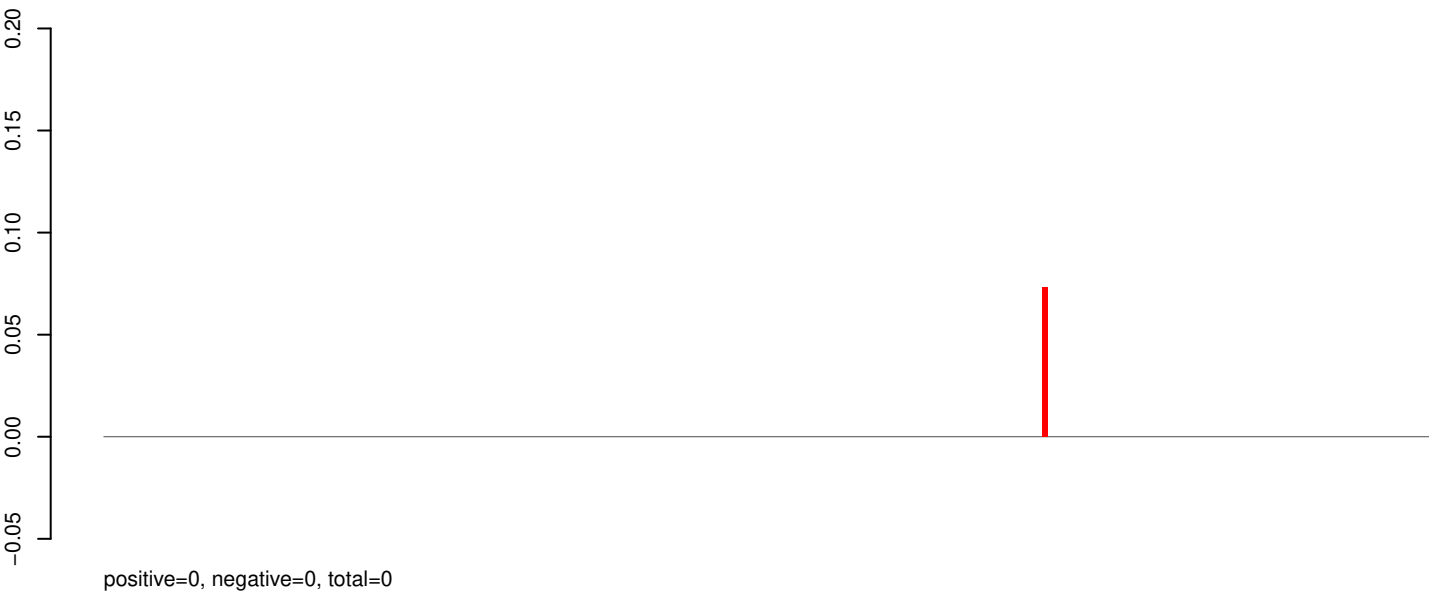
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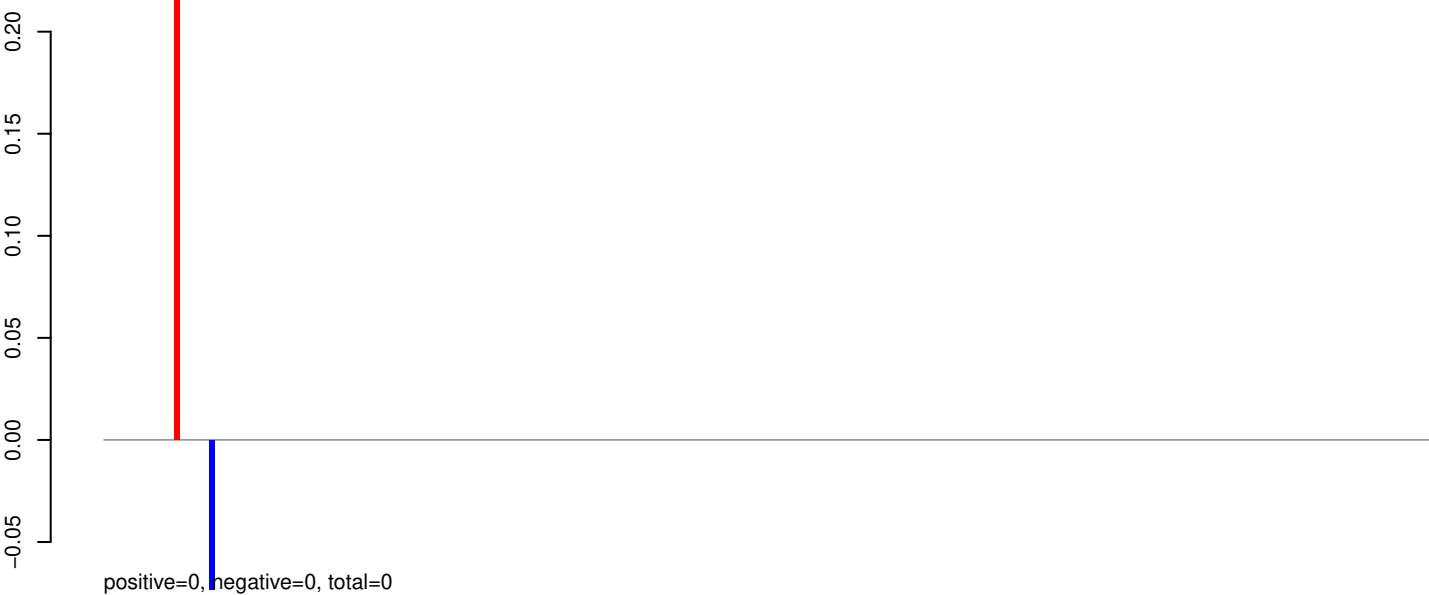
0 1000 2000 3000 4000 5000 6000



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



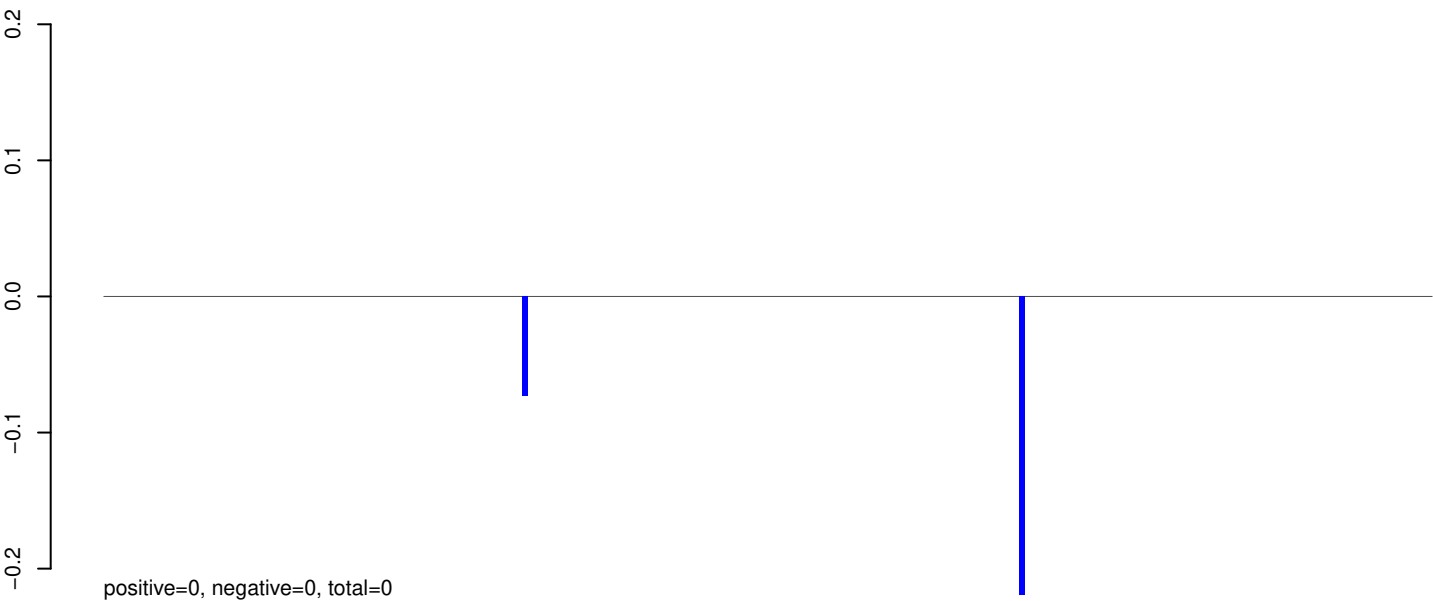
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



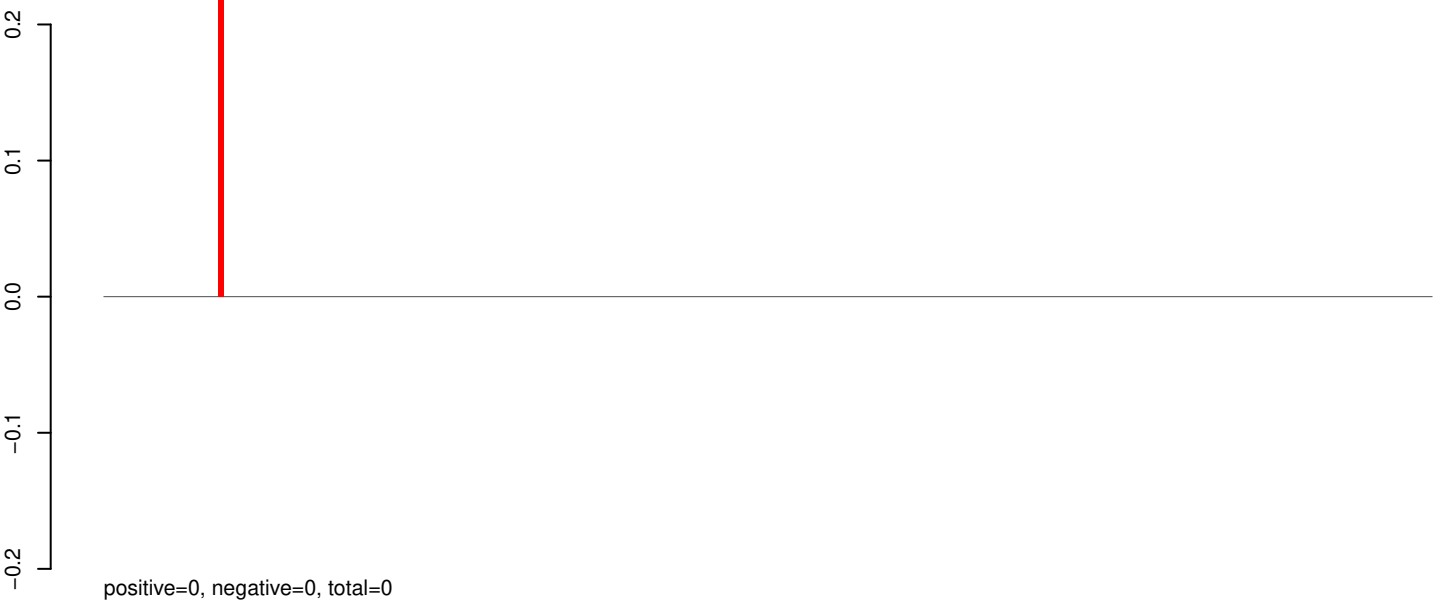
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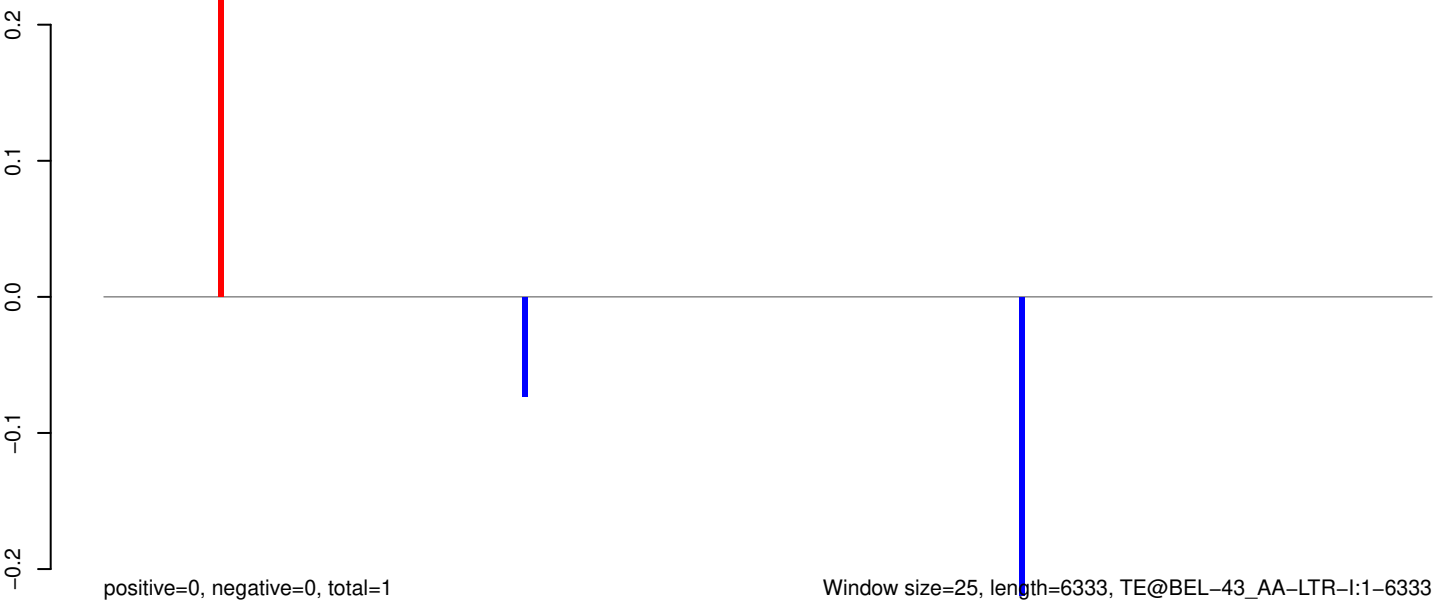
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

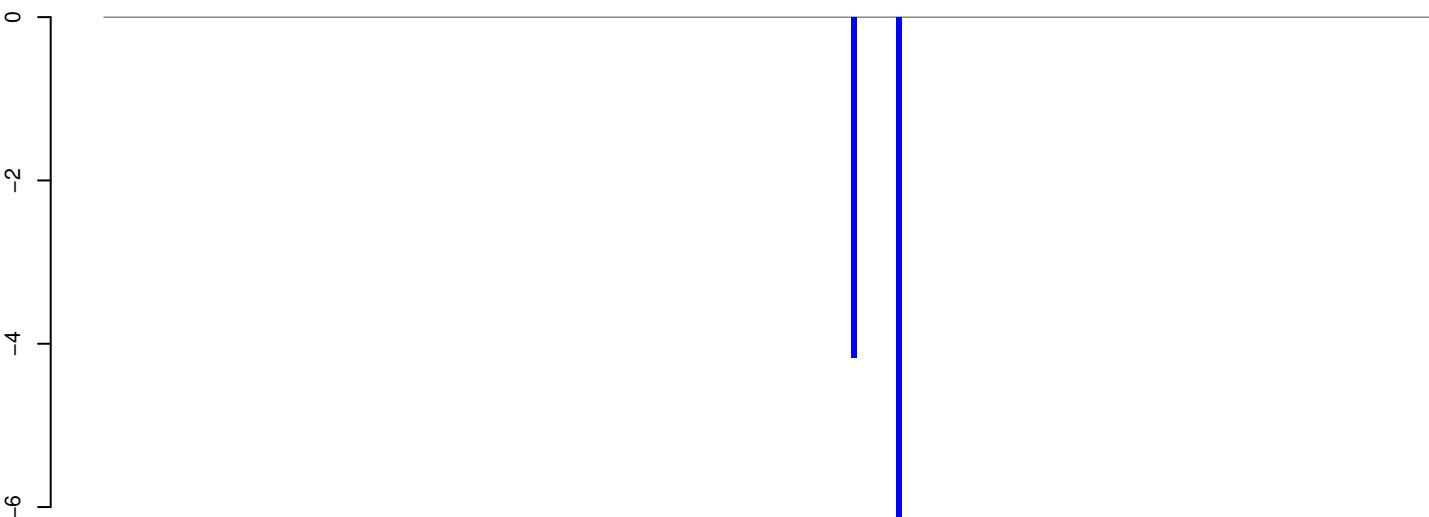


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



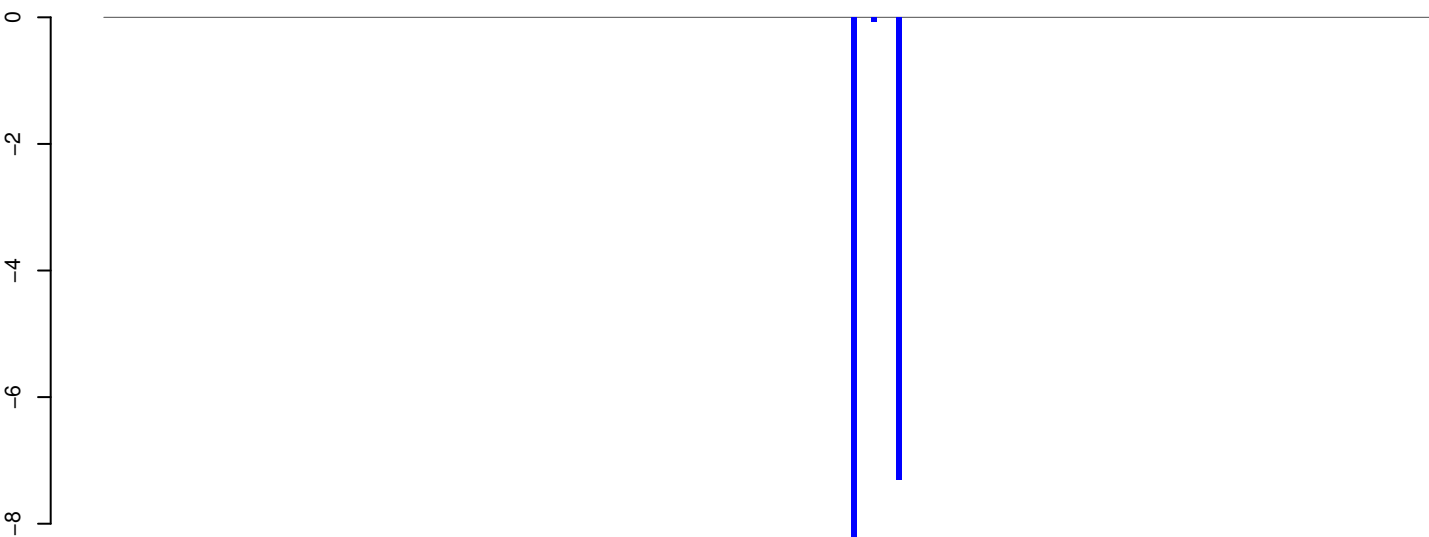
positive=0, negative=5, total=5

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=11, total=11

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

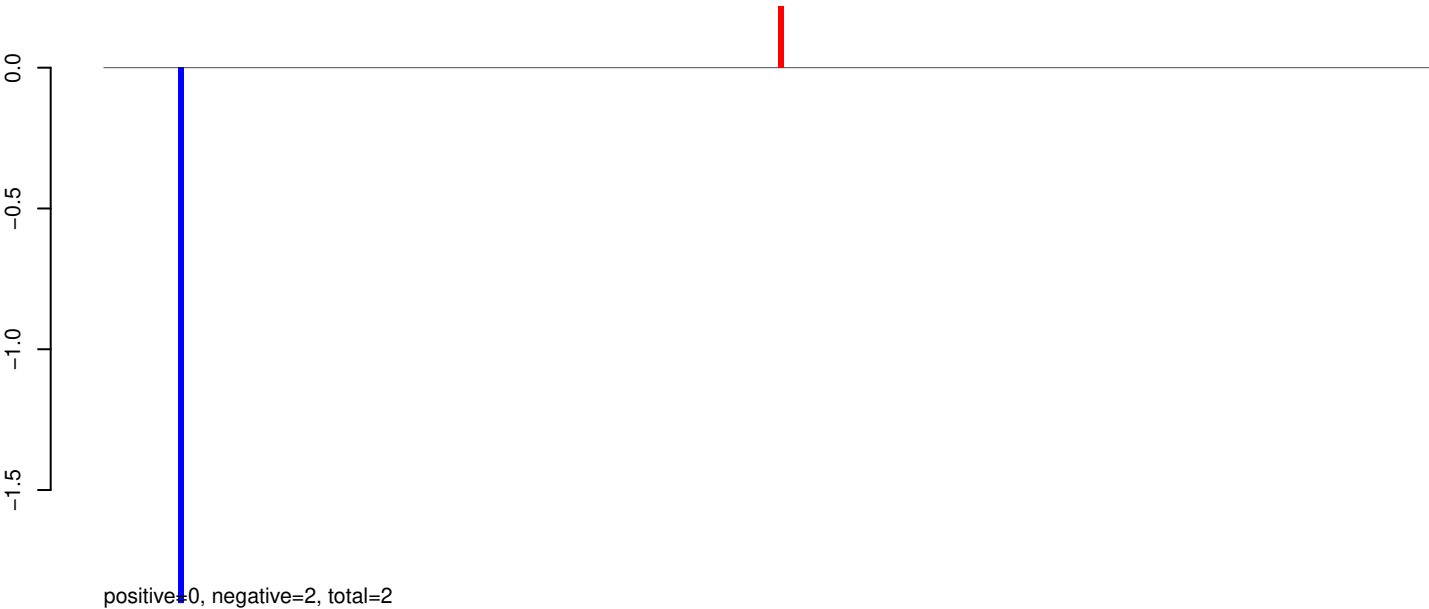


positive=0, negative=17, total=17

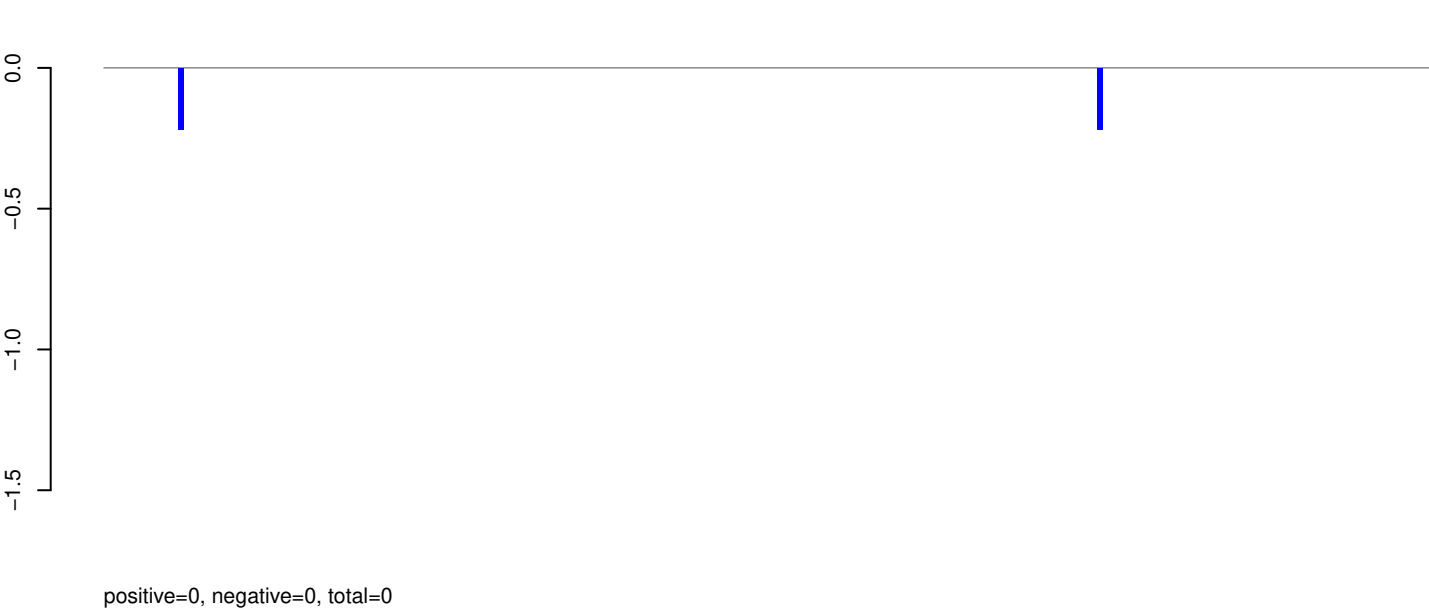
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



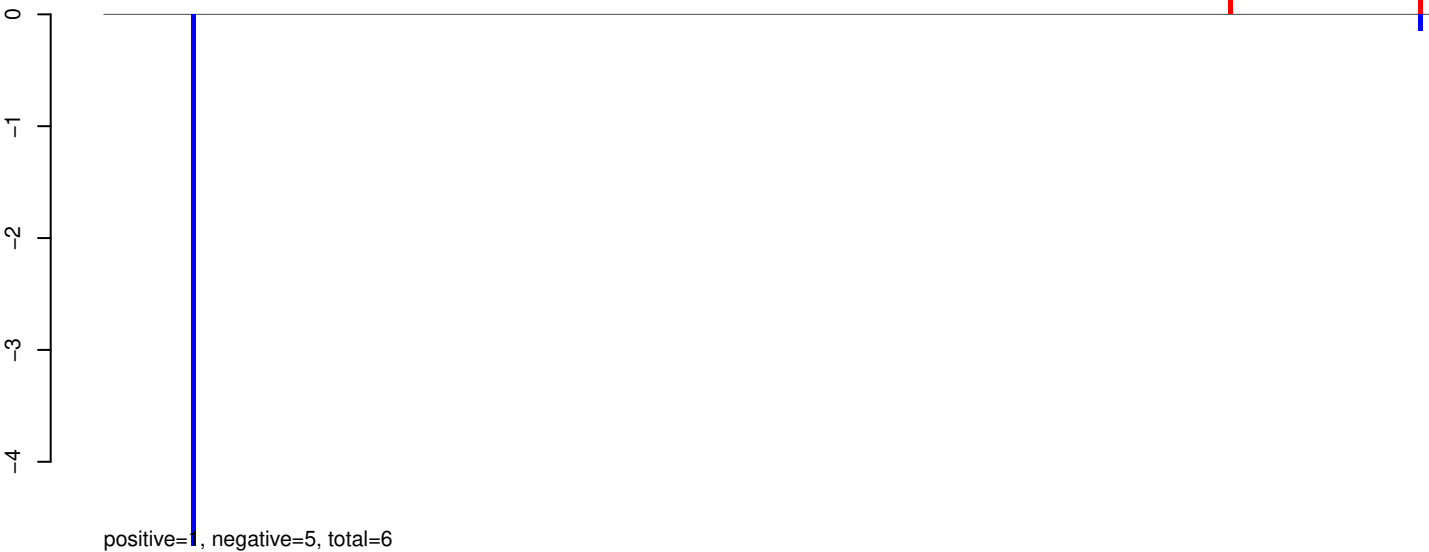
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



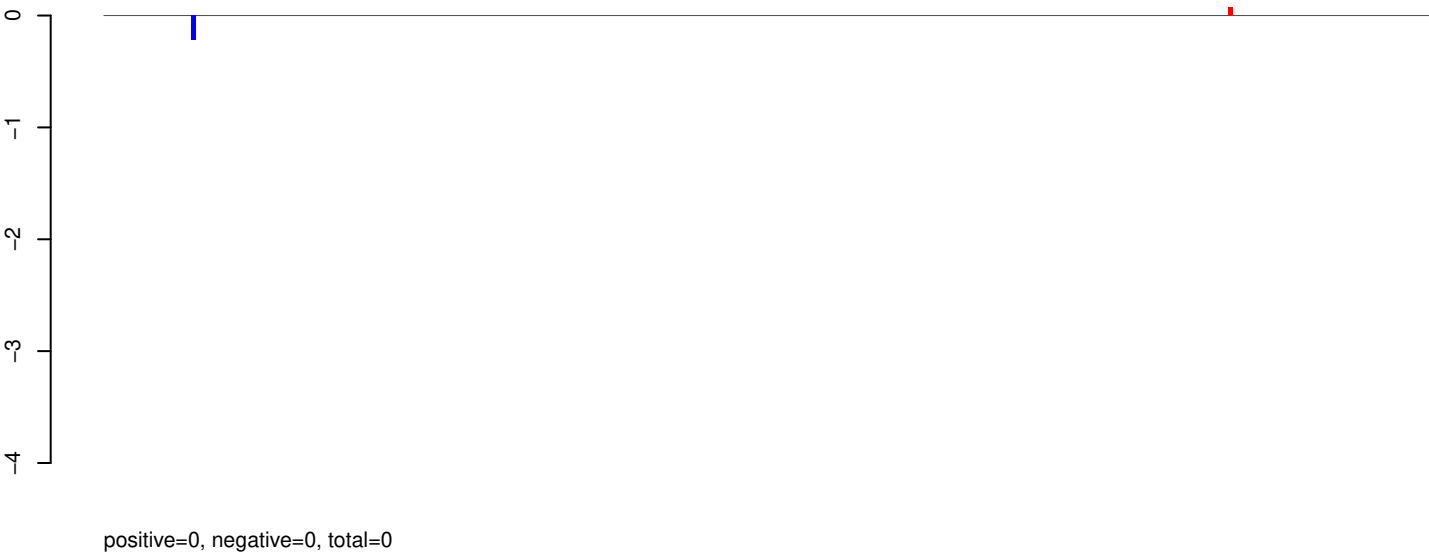
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



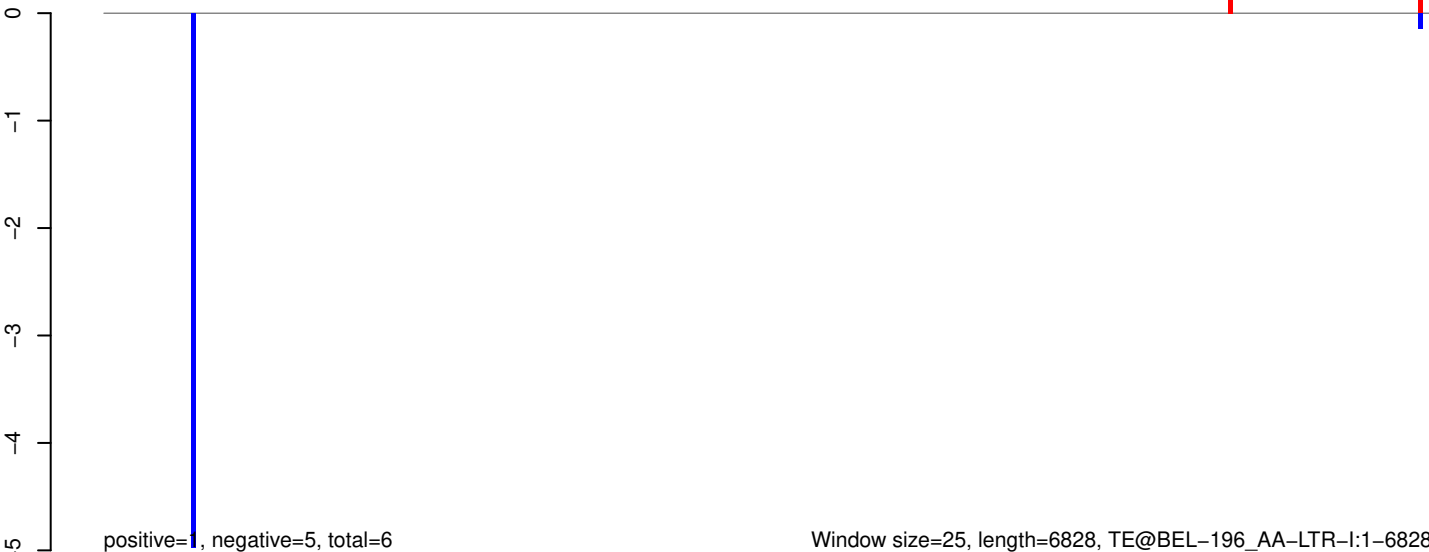
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



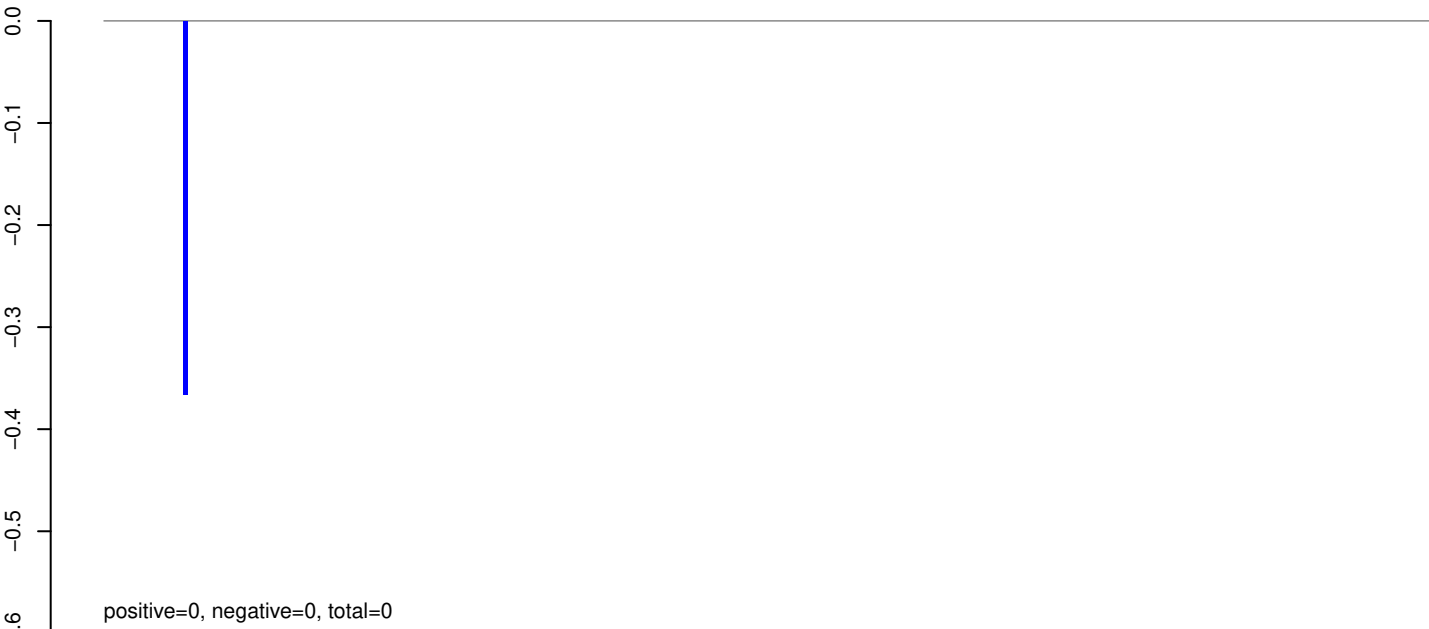
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



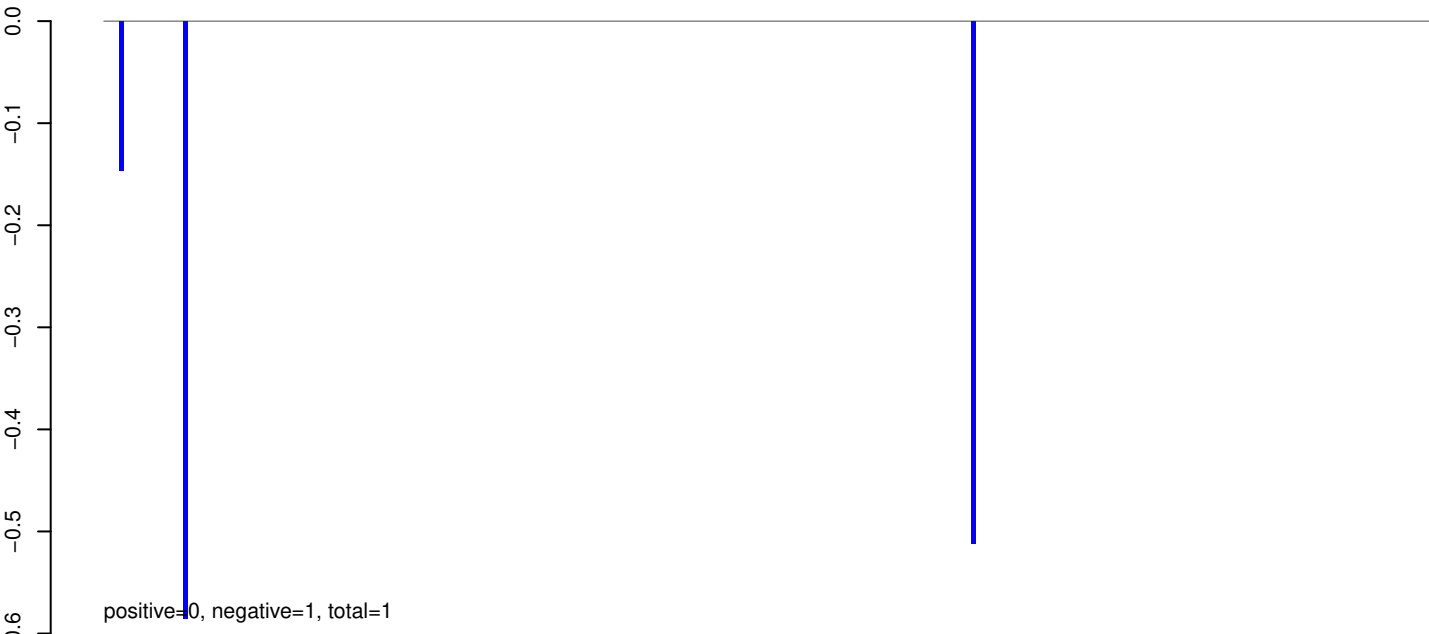
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



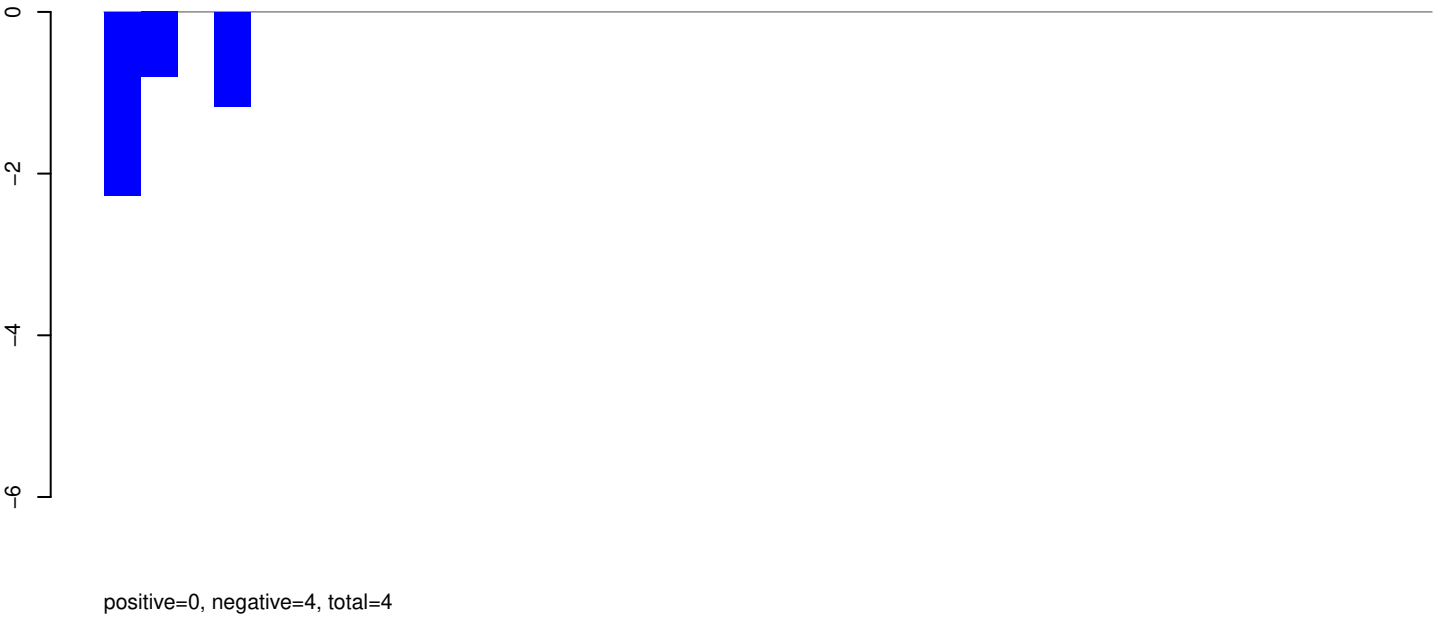
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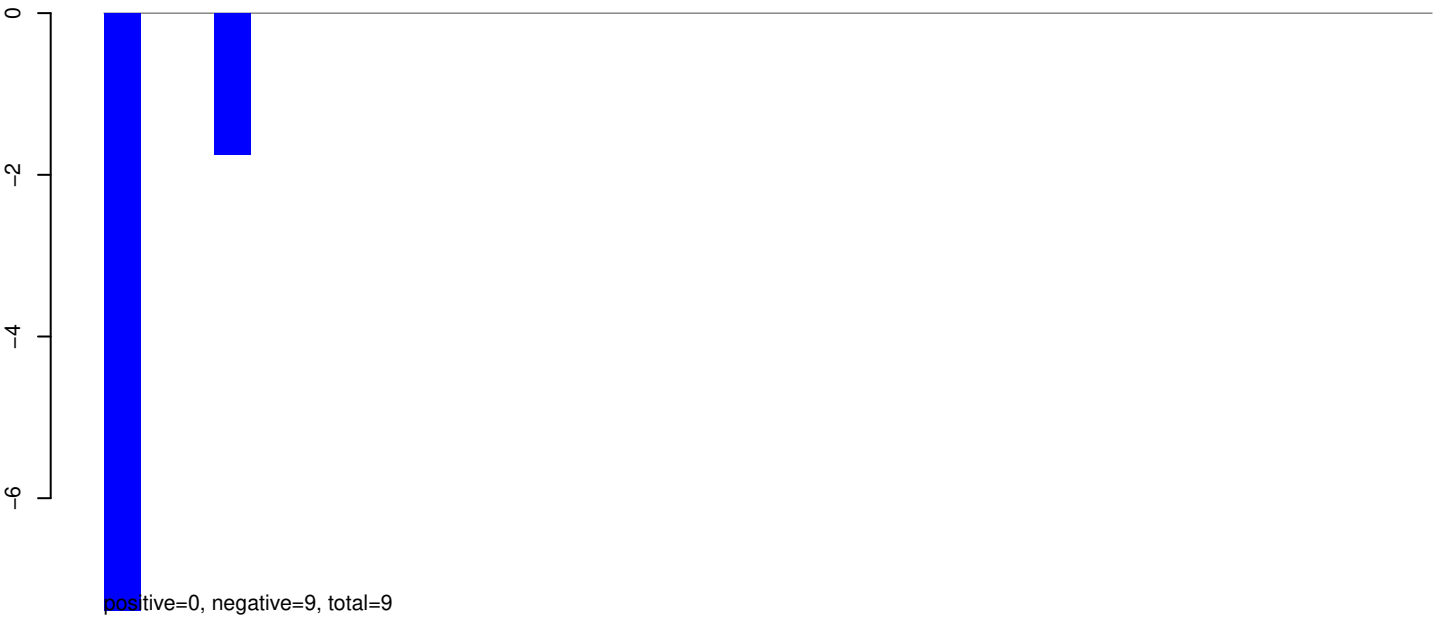
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



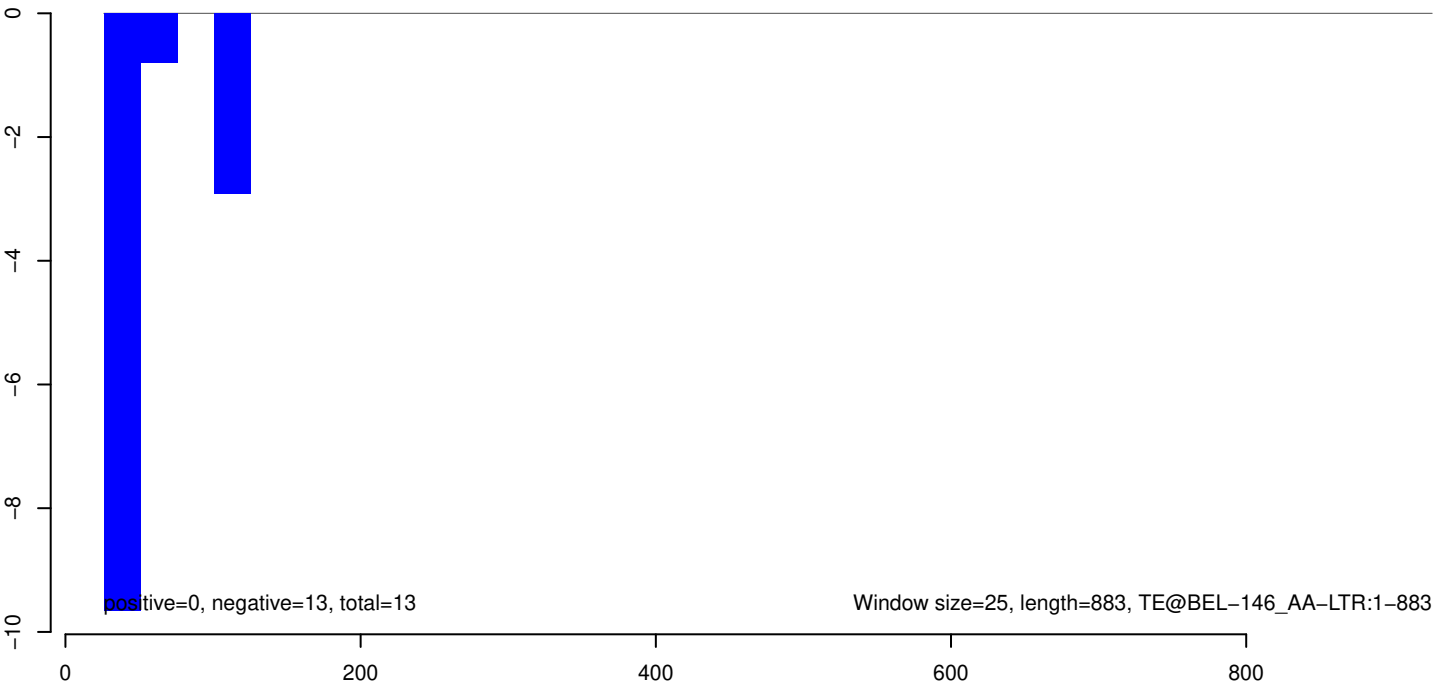
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



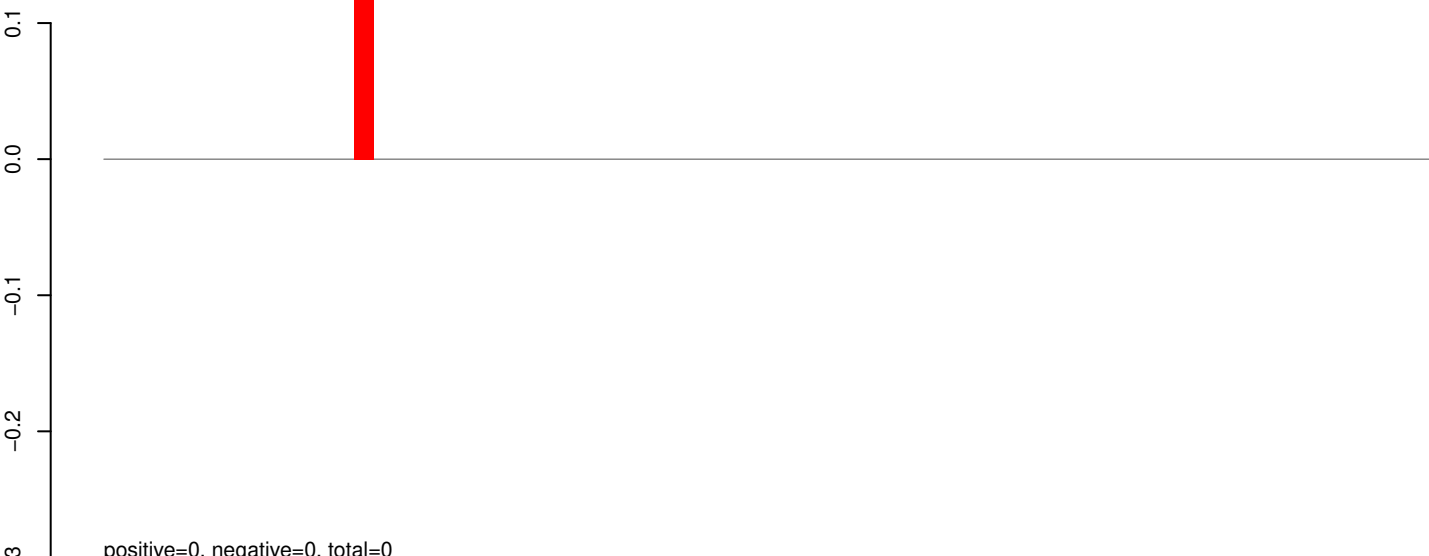
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



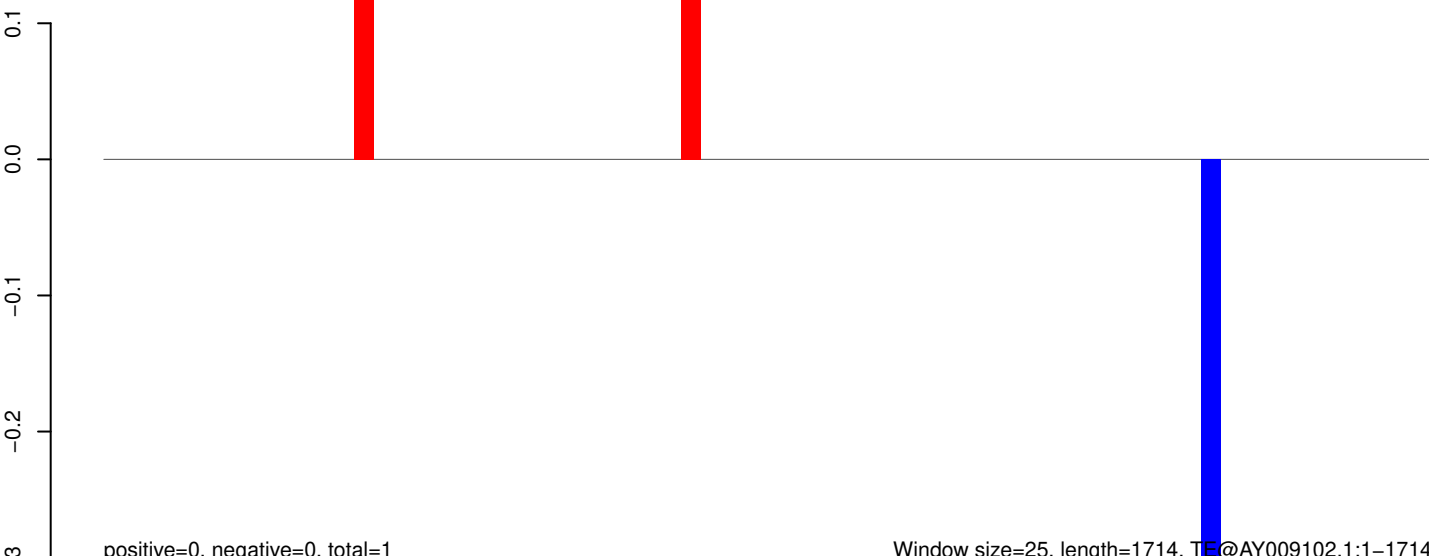
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

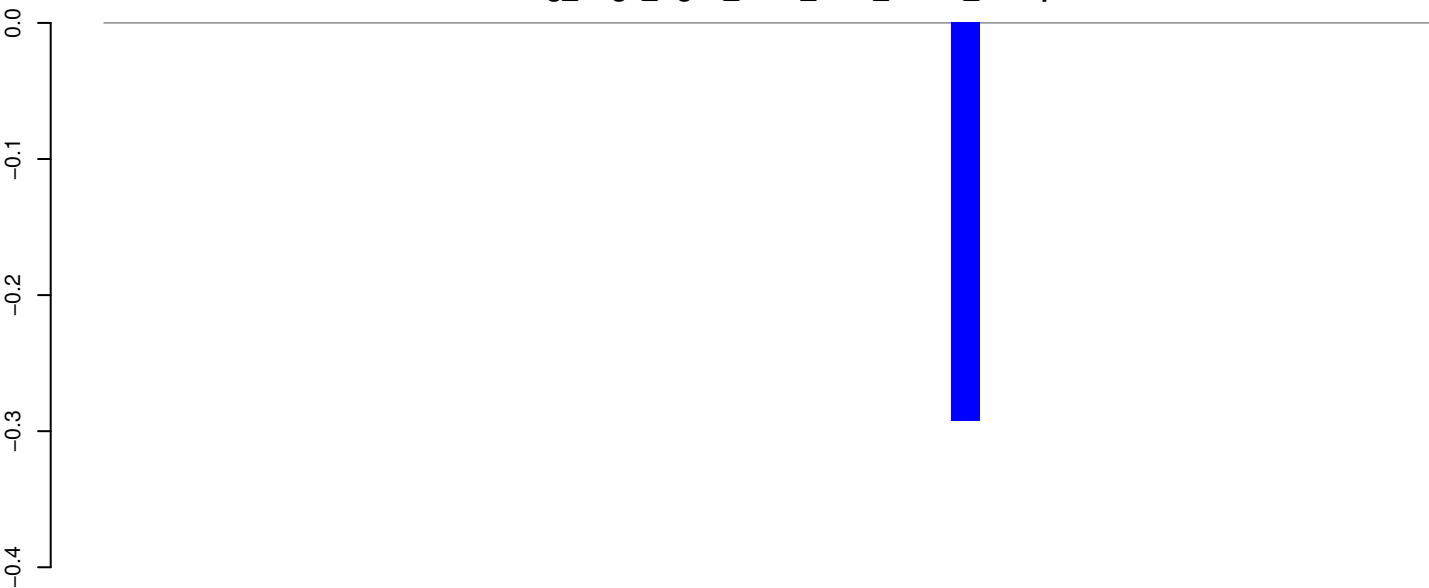


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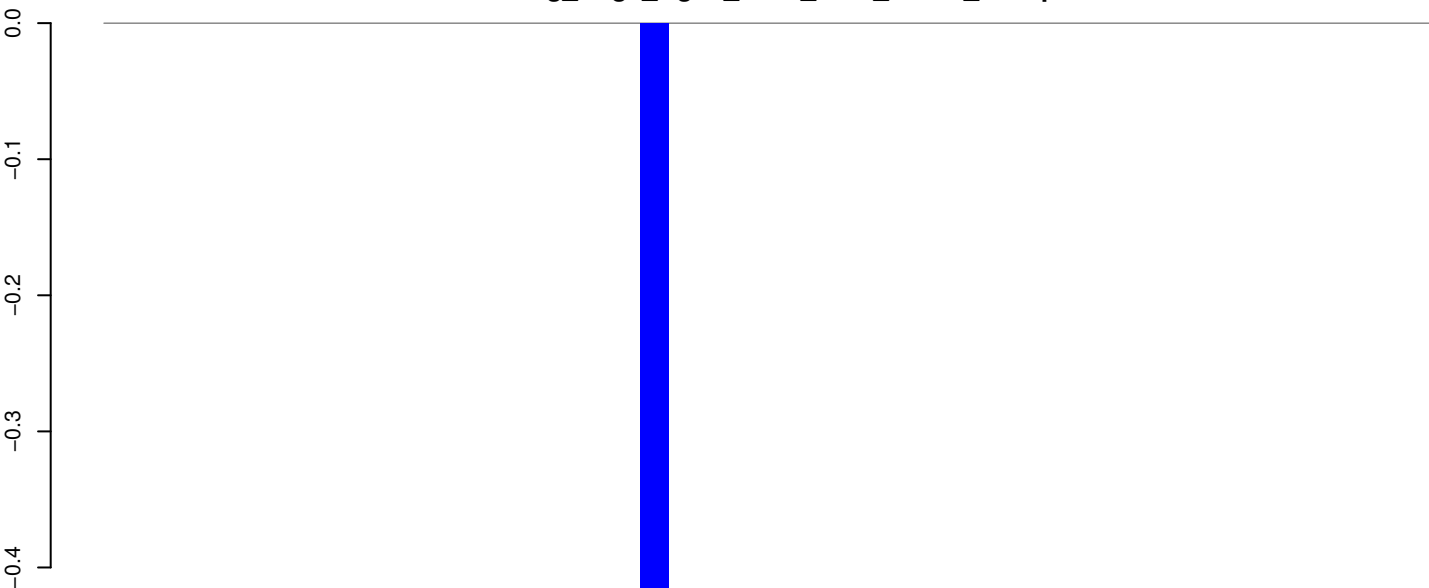


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



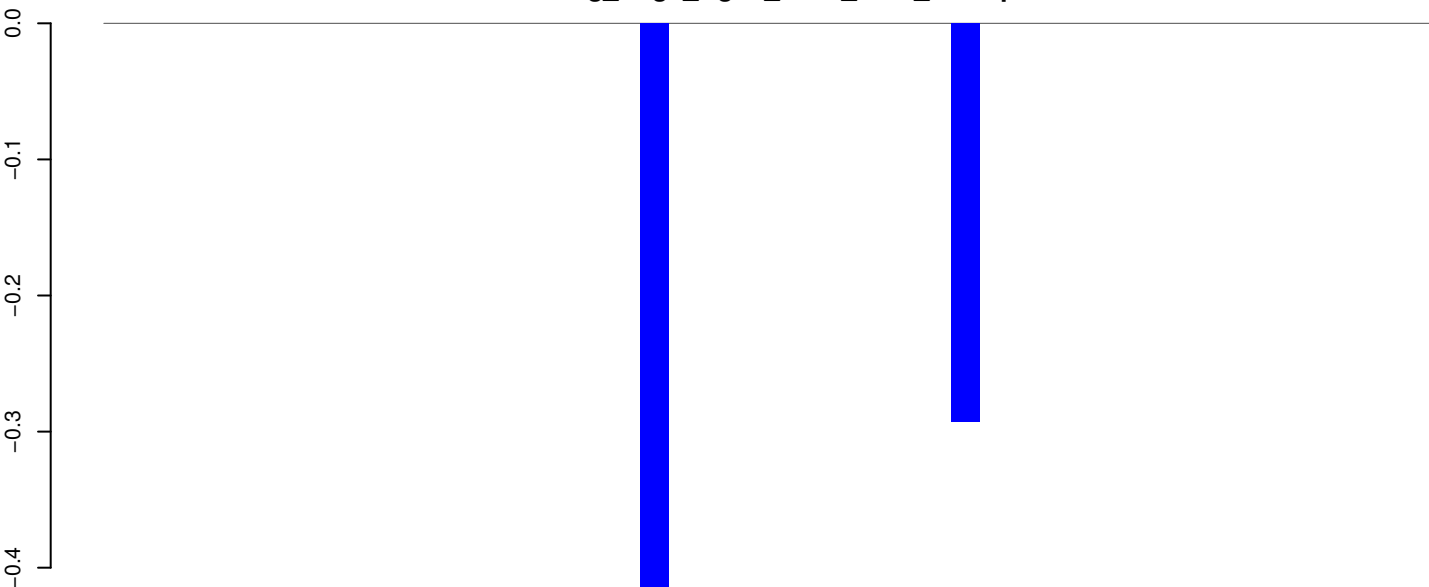
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

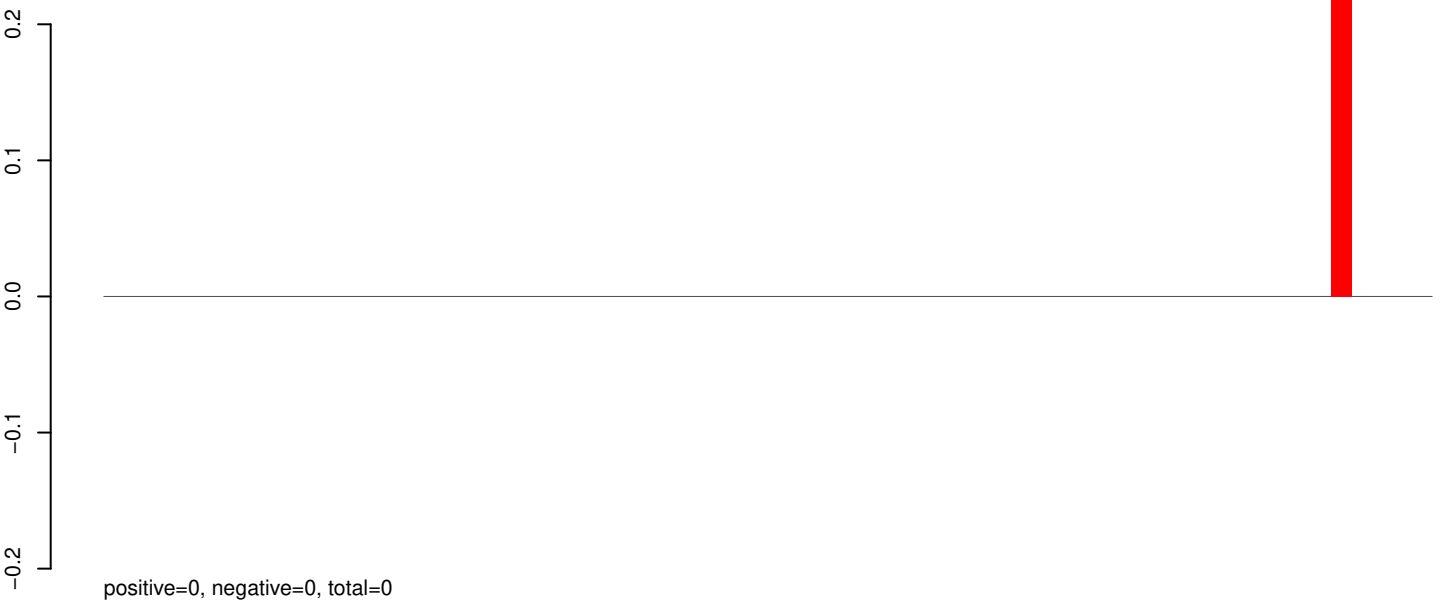


positive=0, negative=1, total=1

Window size=25, length=1152, TE@aedes\_aegypti\_943\_6-Unknown:1-1152

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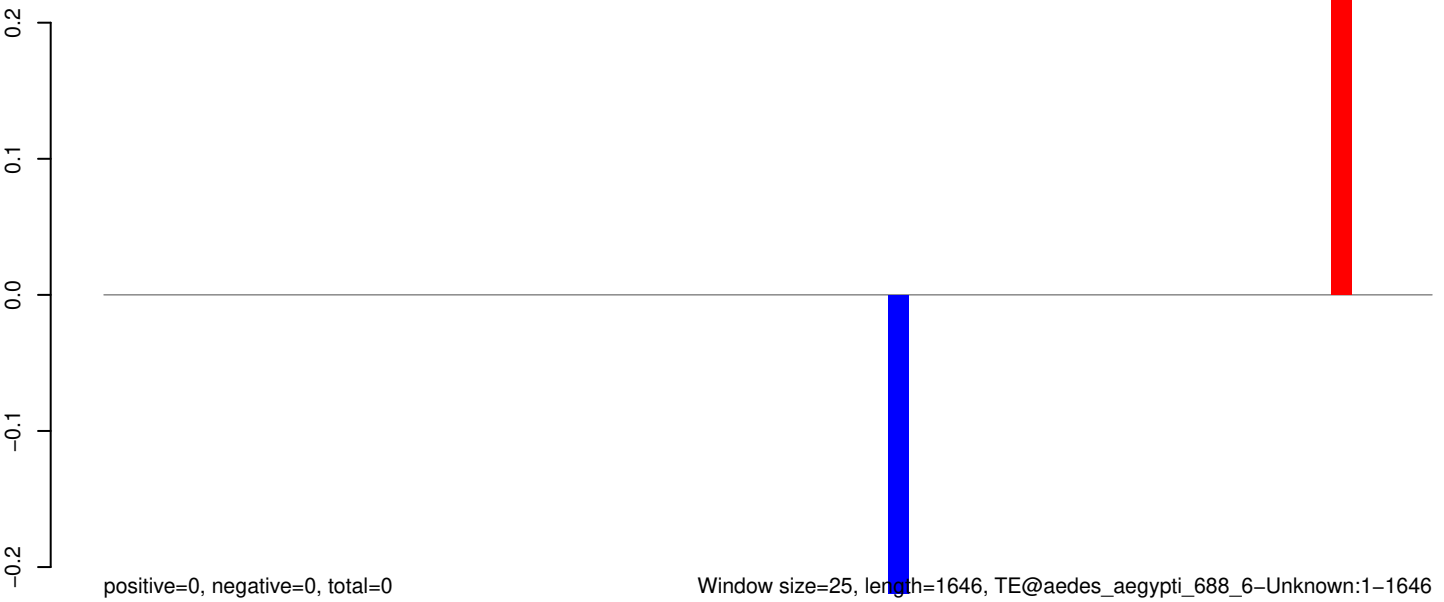
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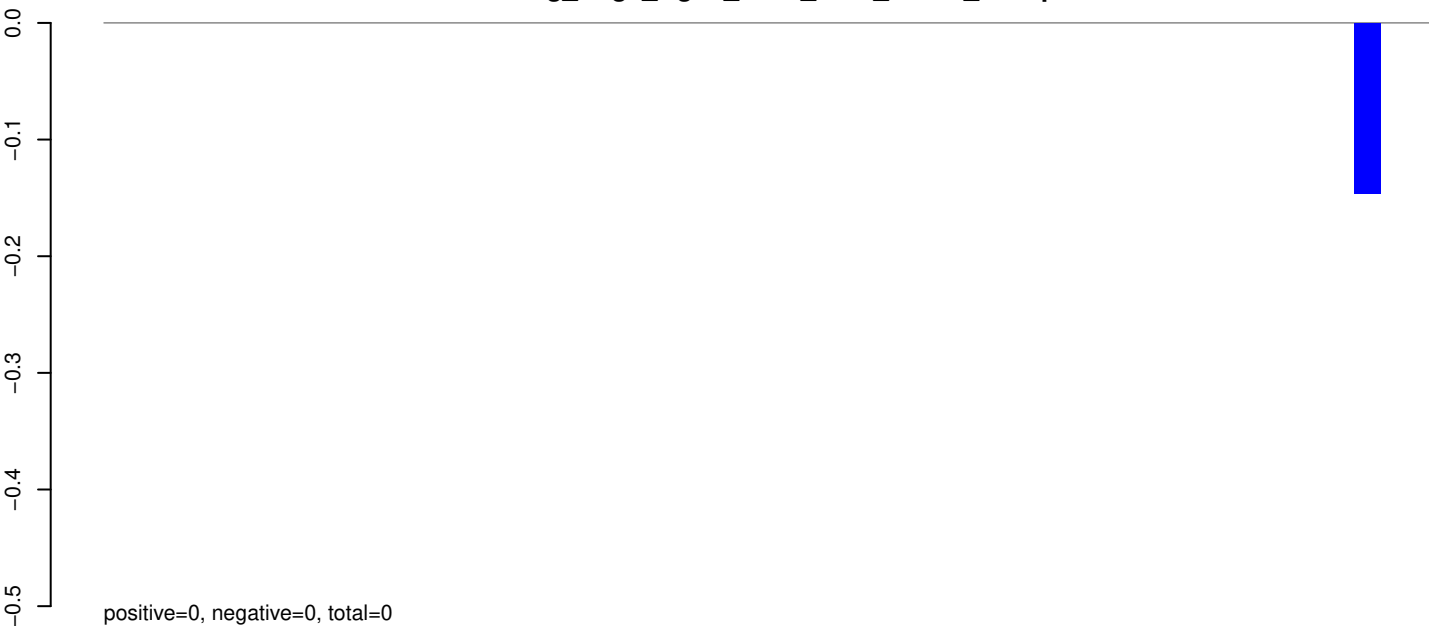
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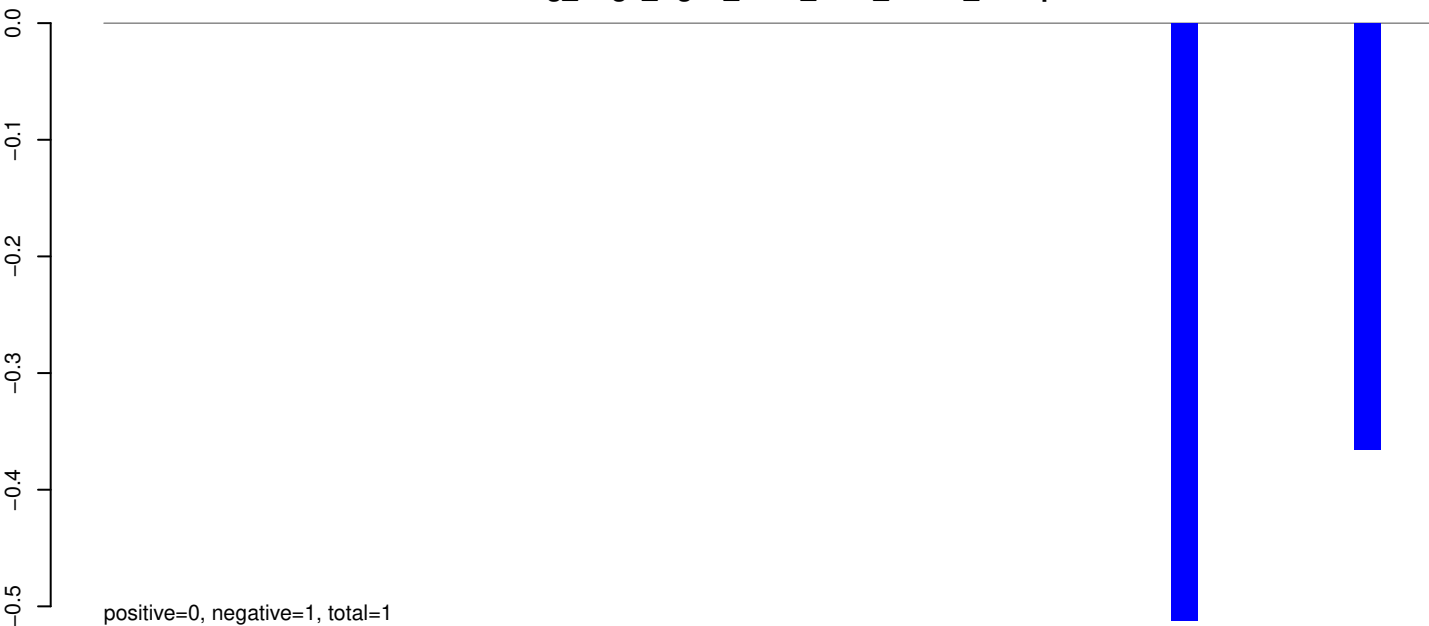
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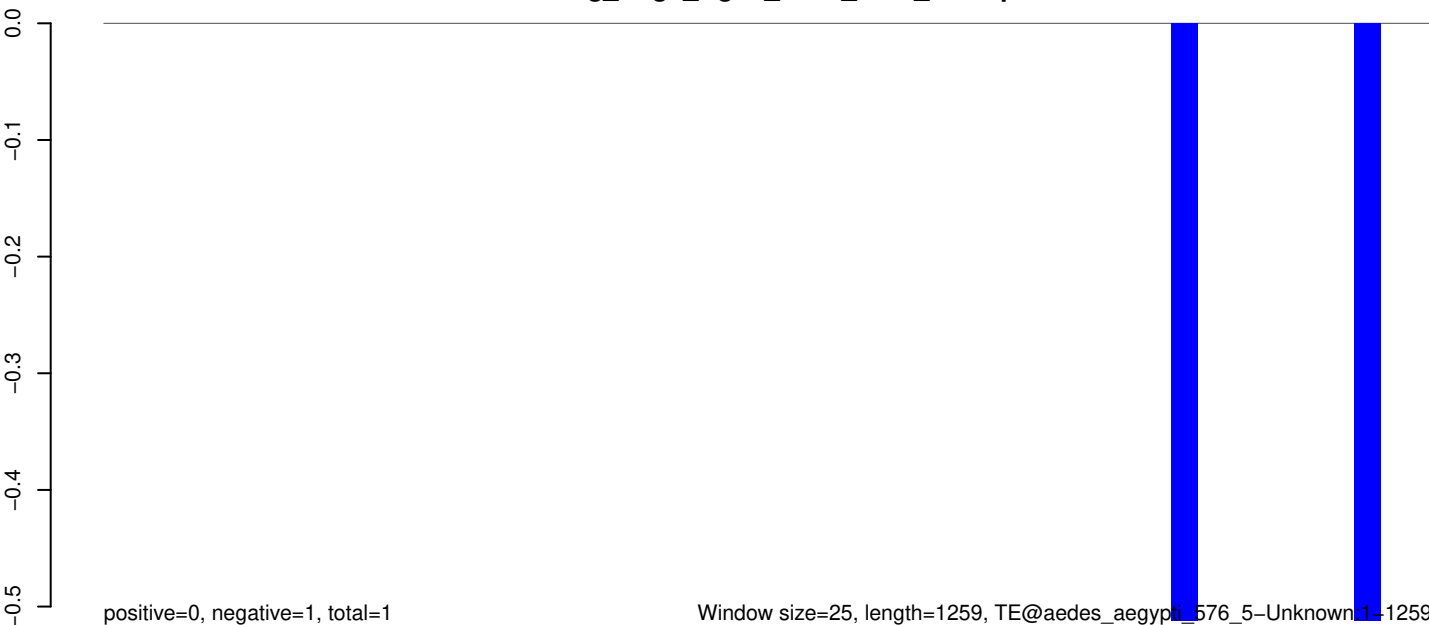
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

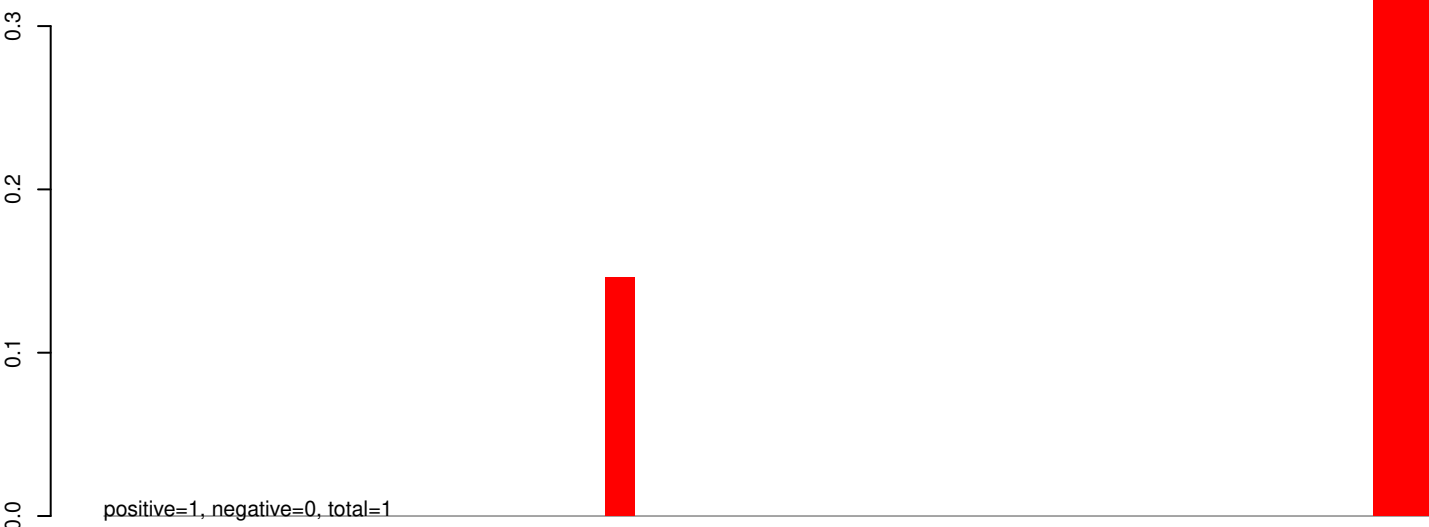


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

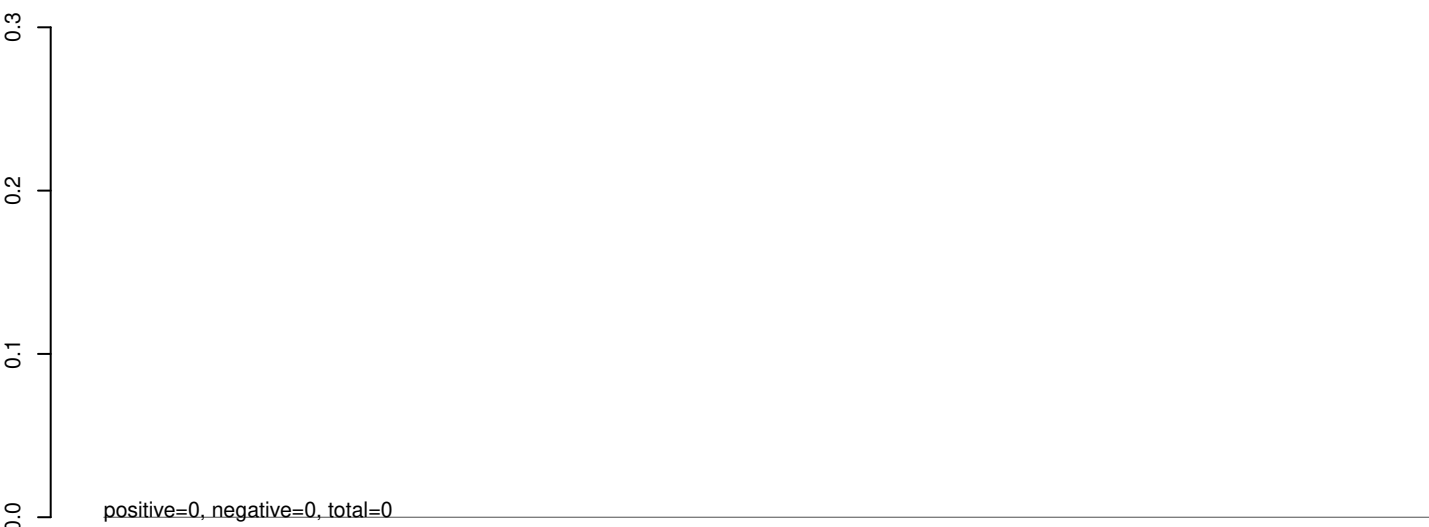


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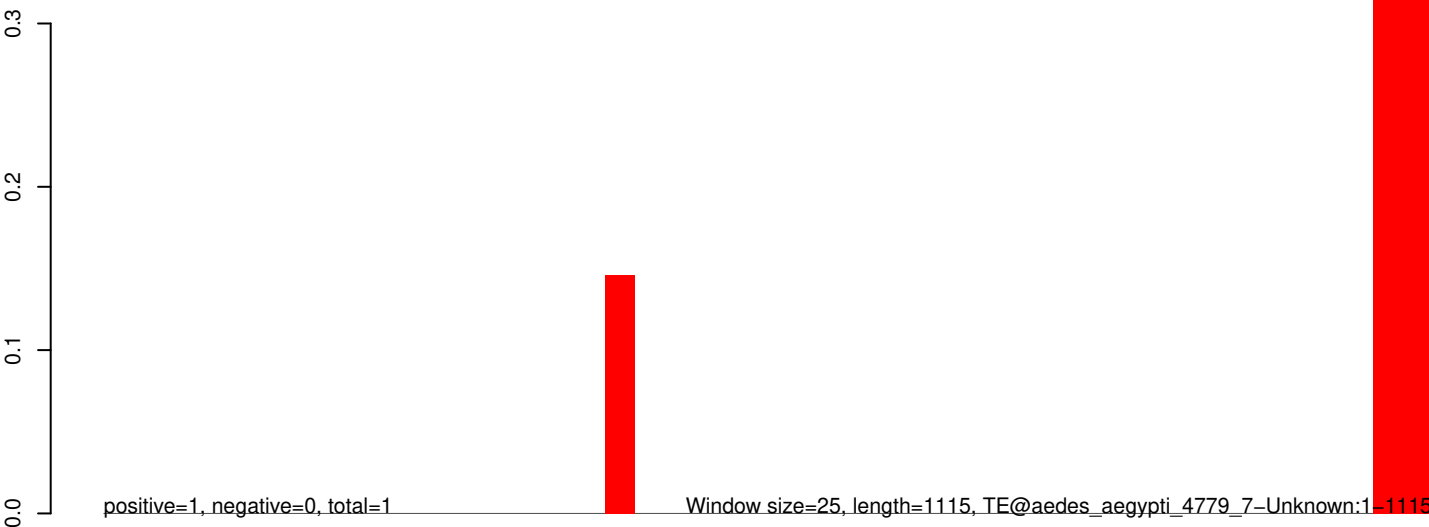
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

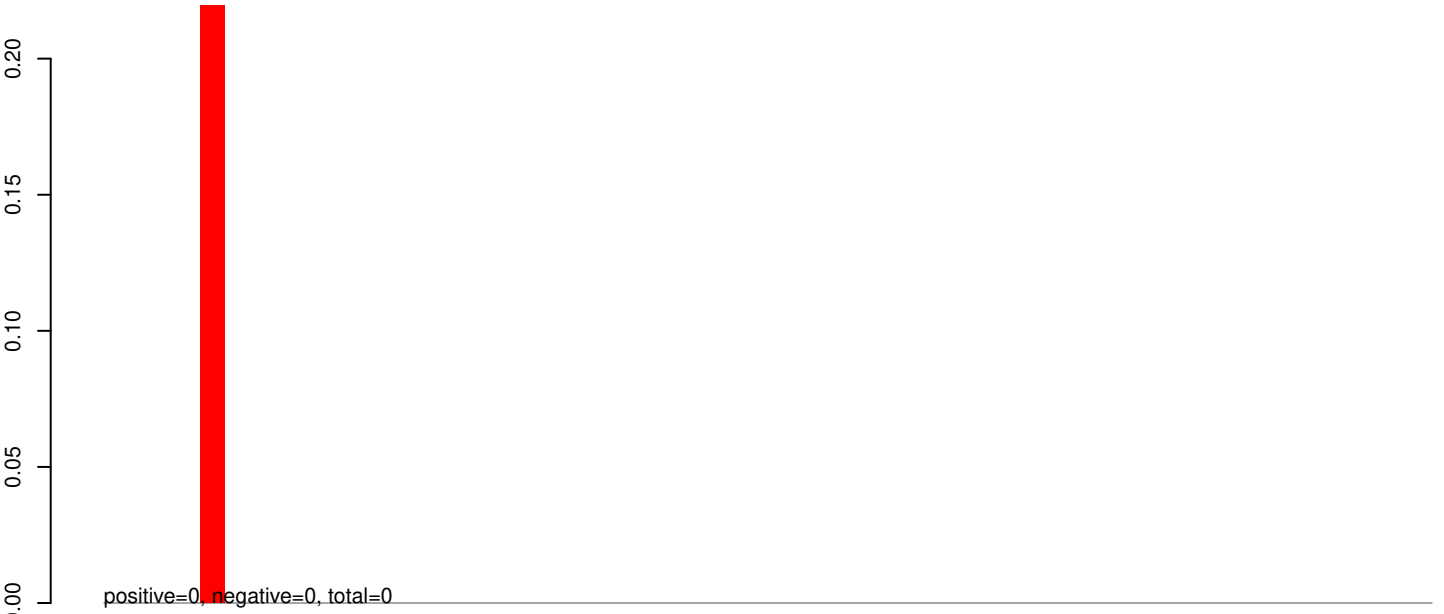


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

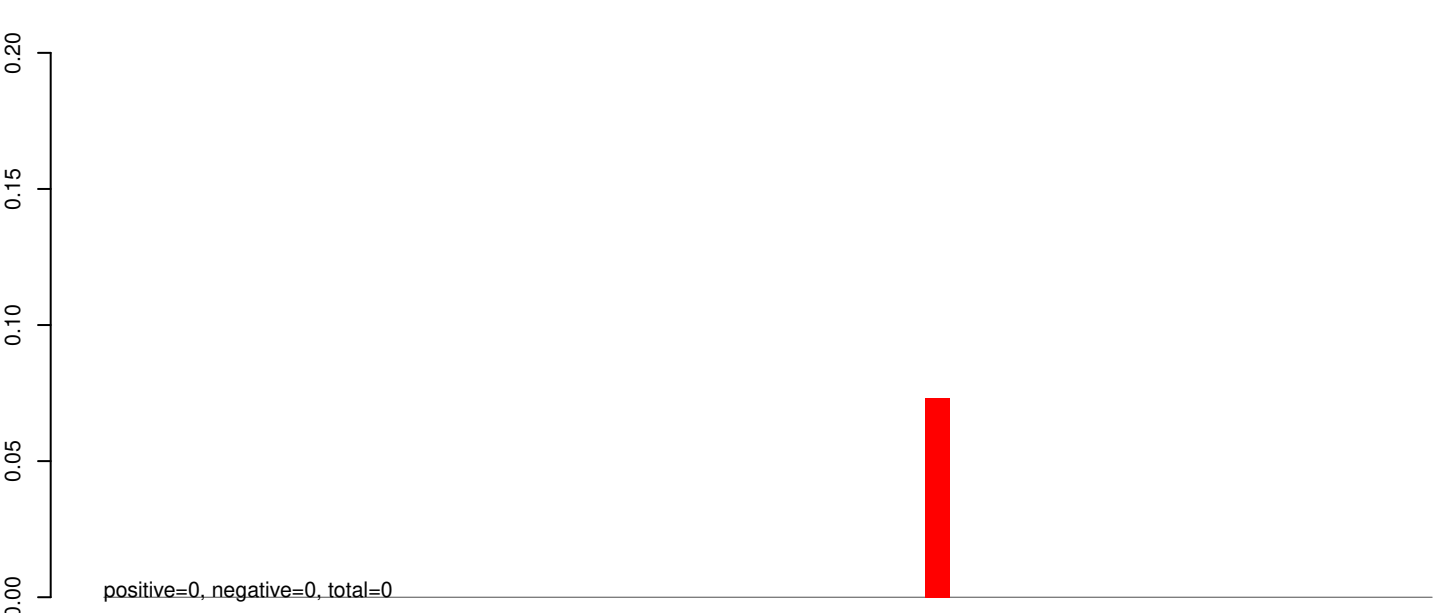


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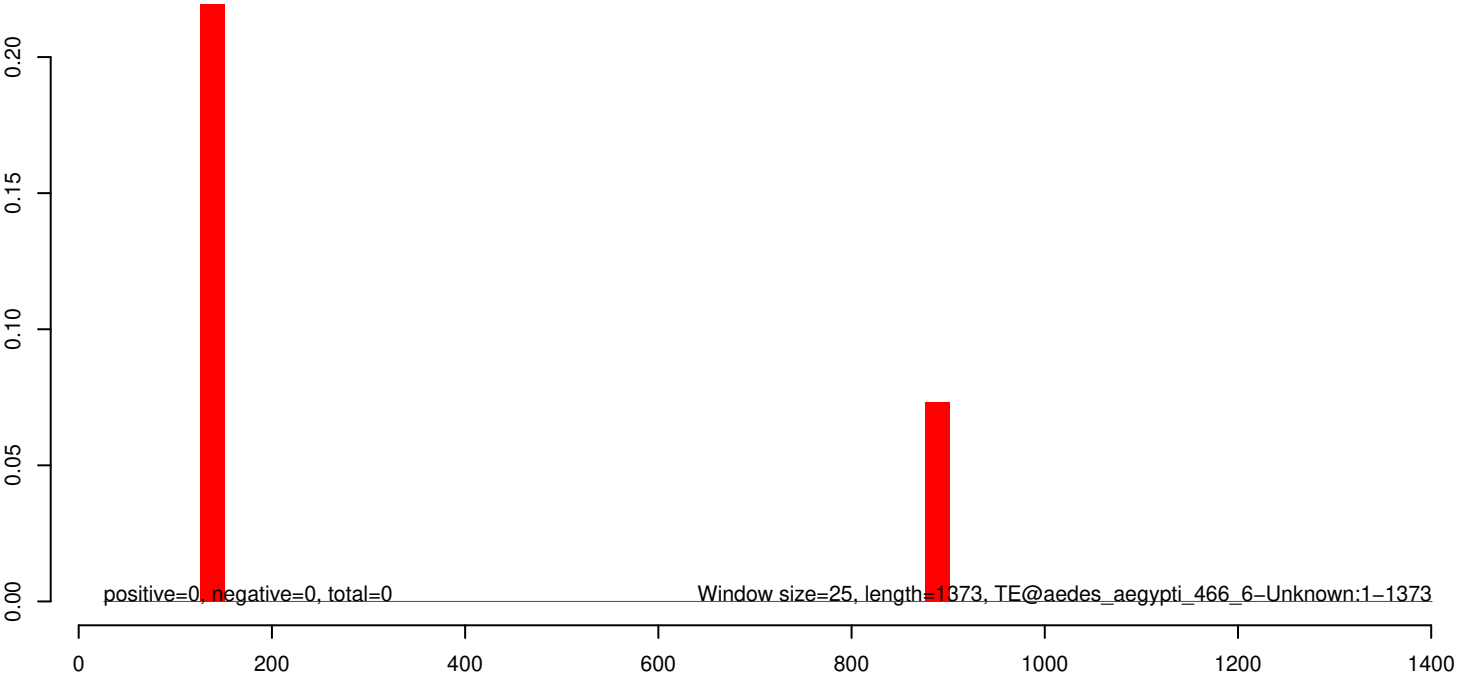
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



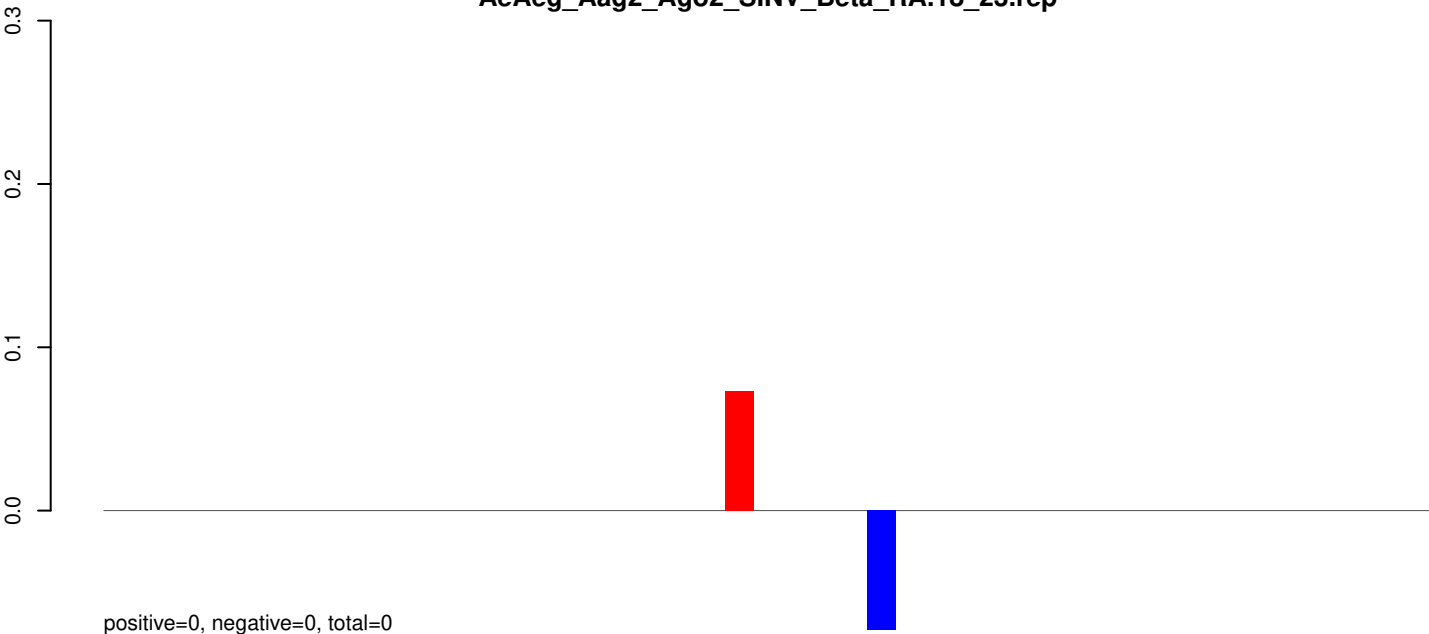
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



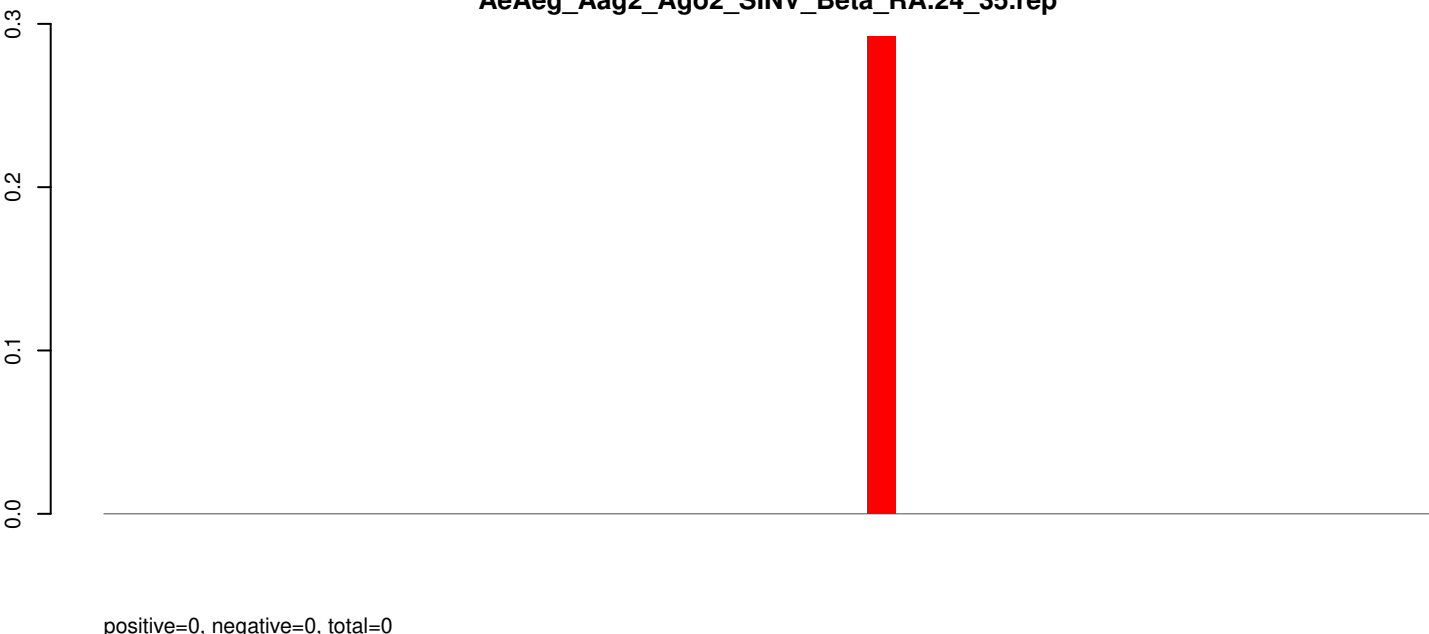
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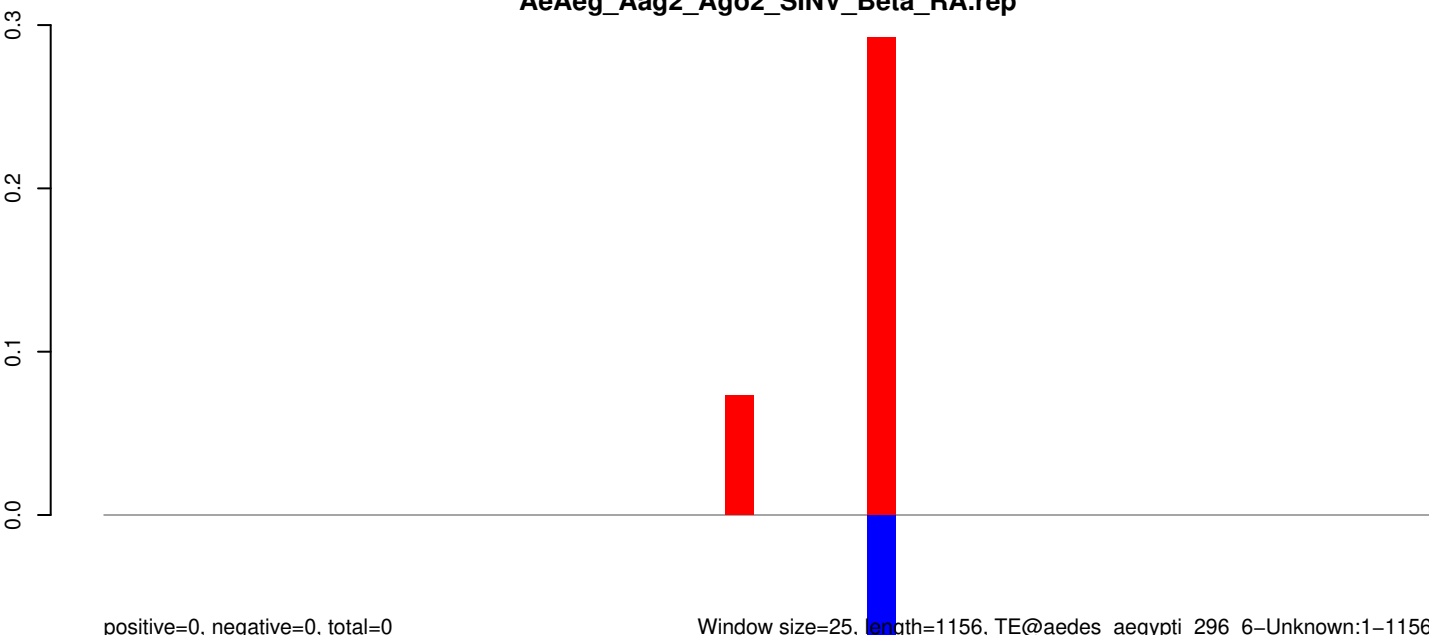
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



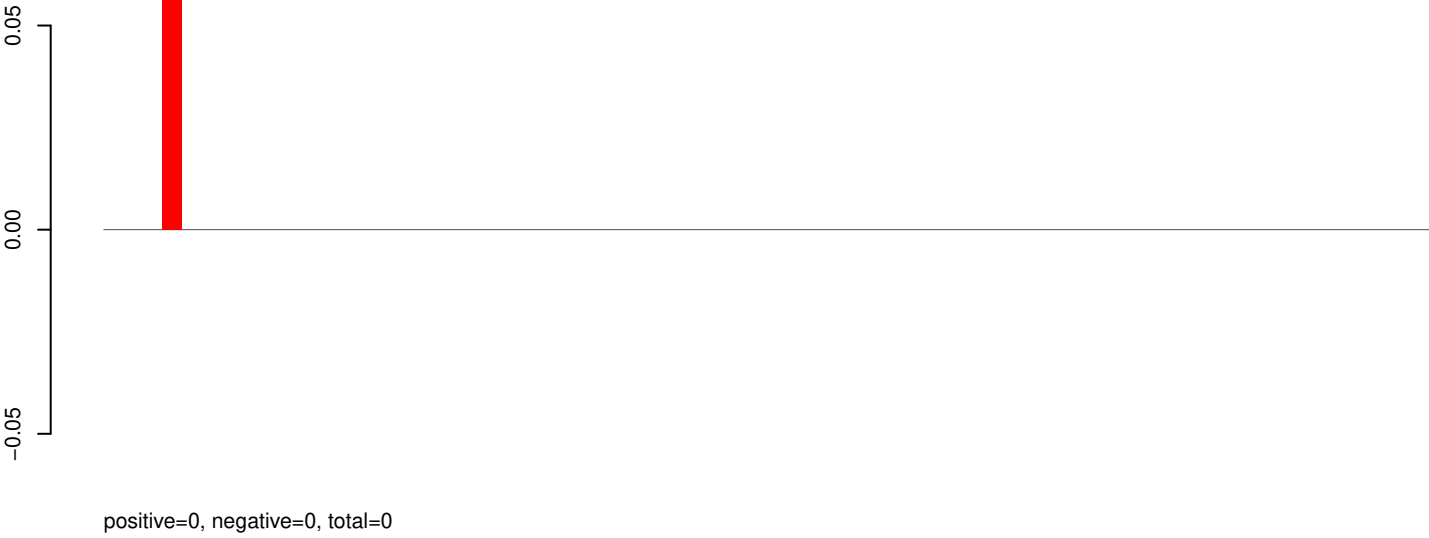
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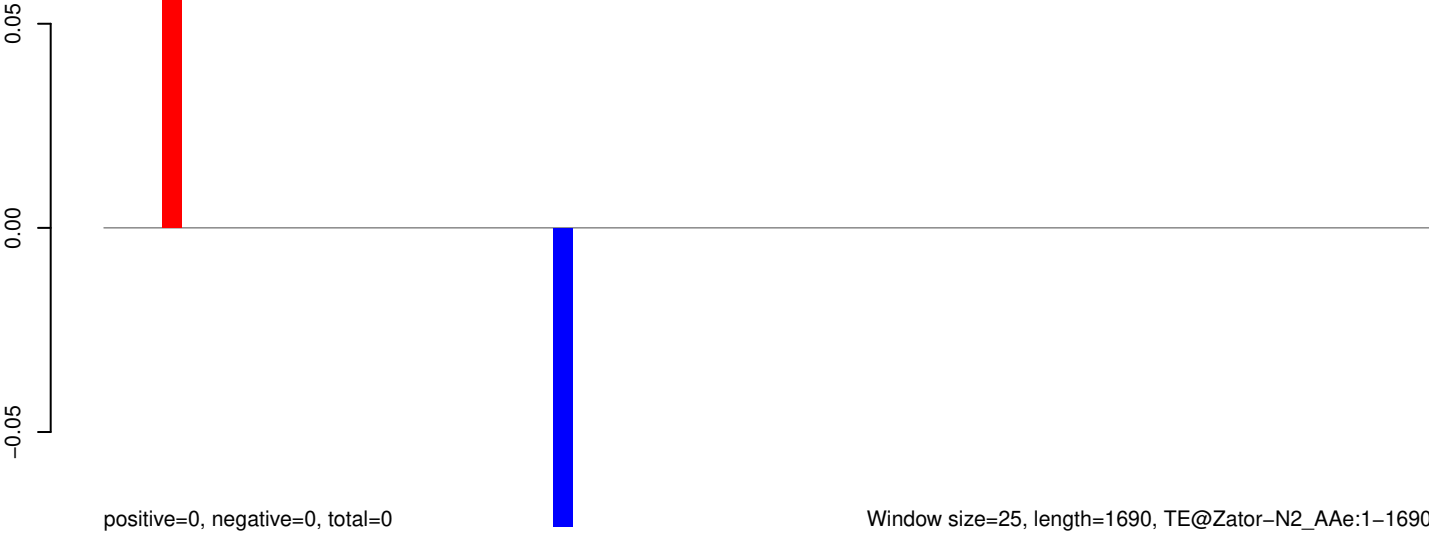
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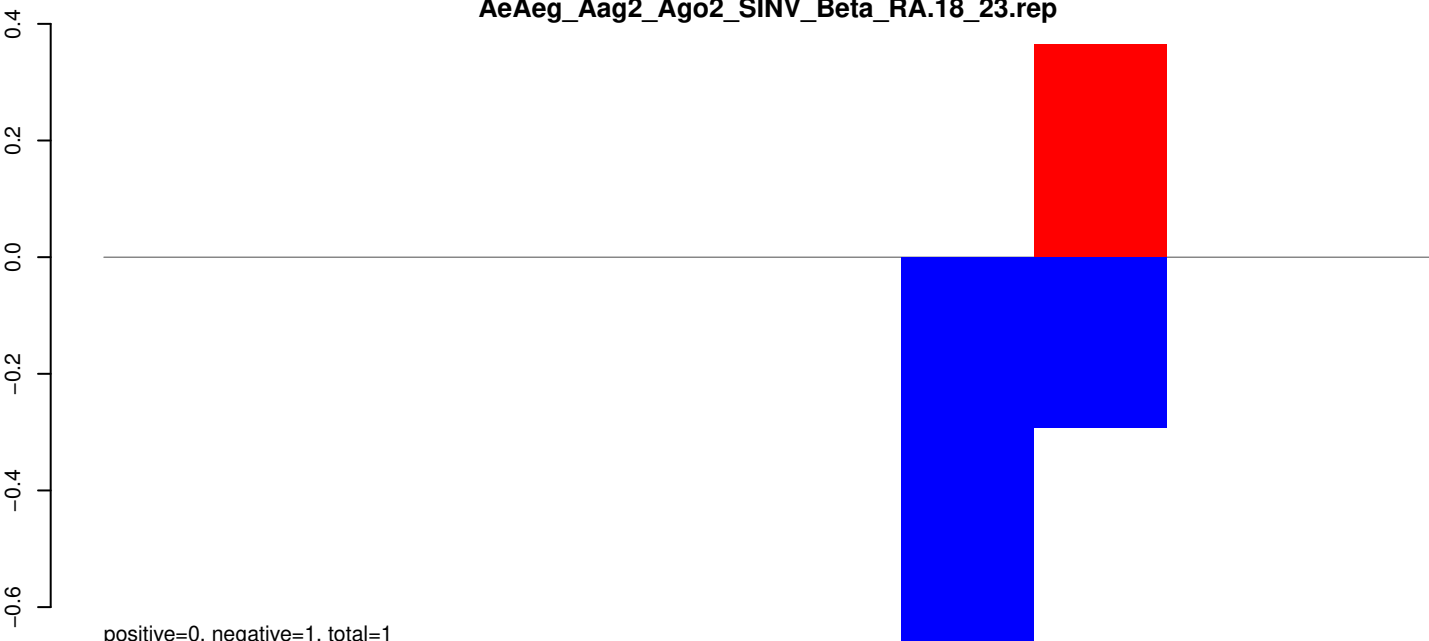
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

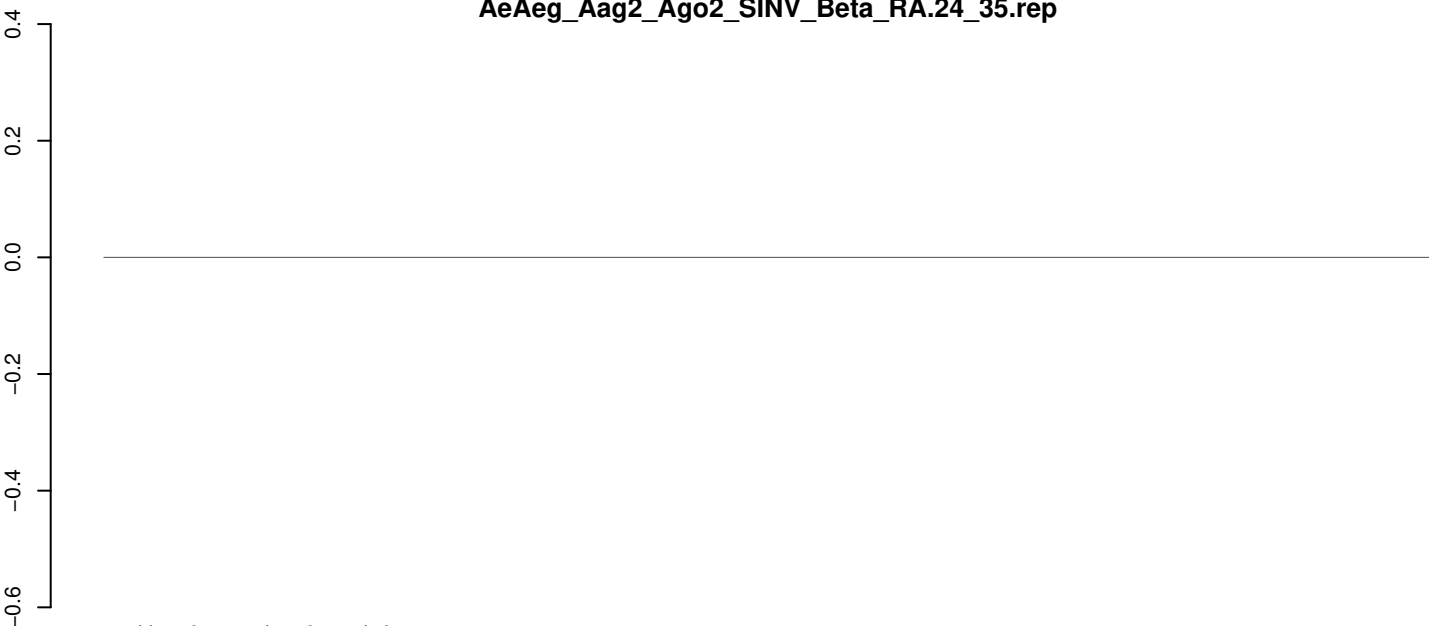


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



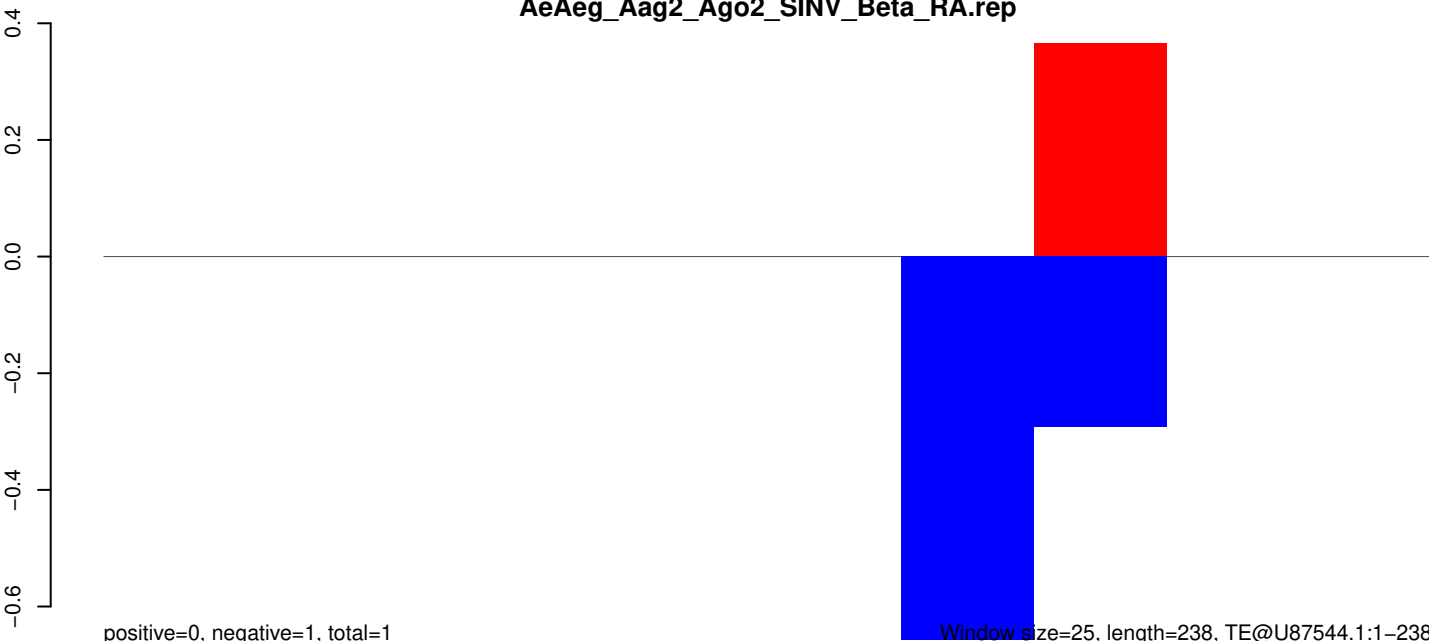
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

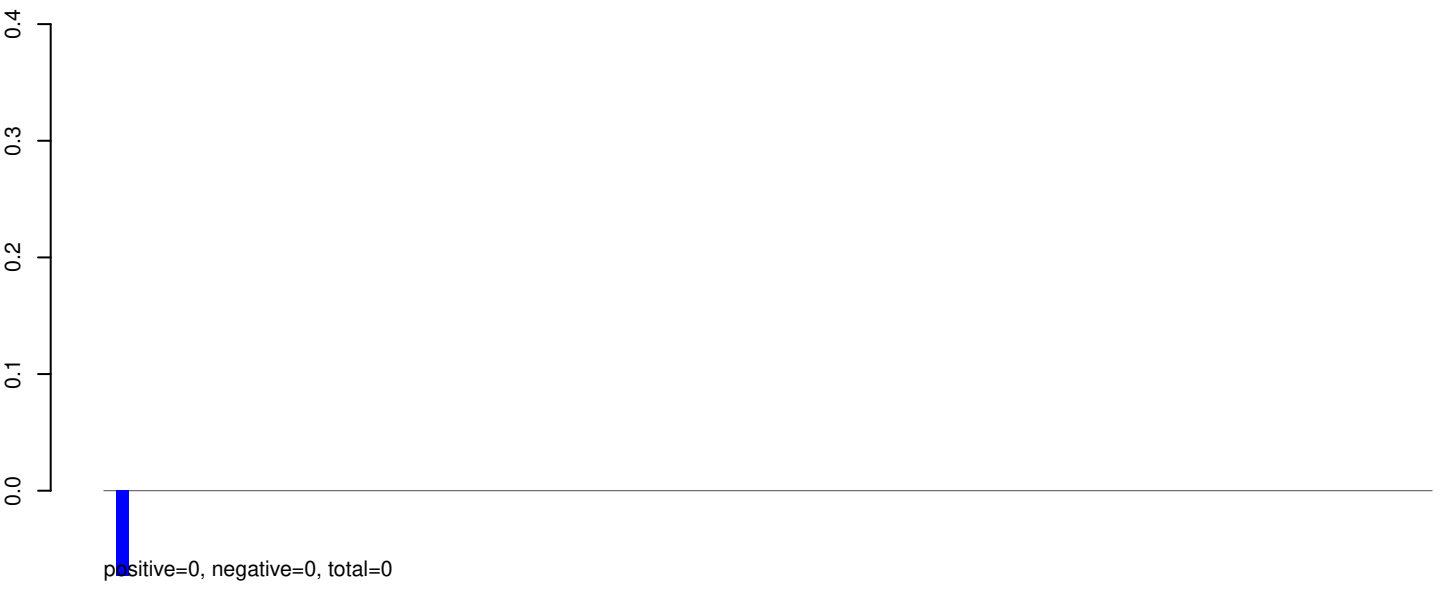


positive=0, negative=1, total=1

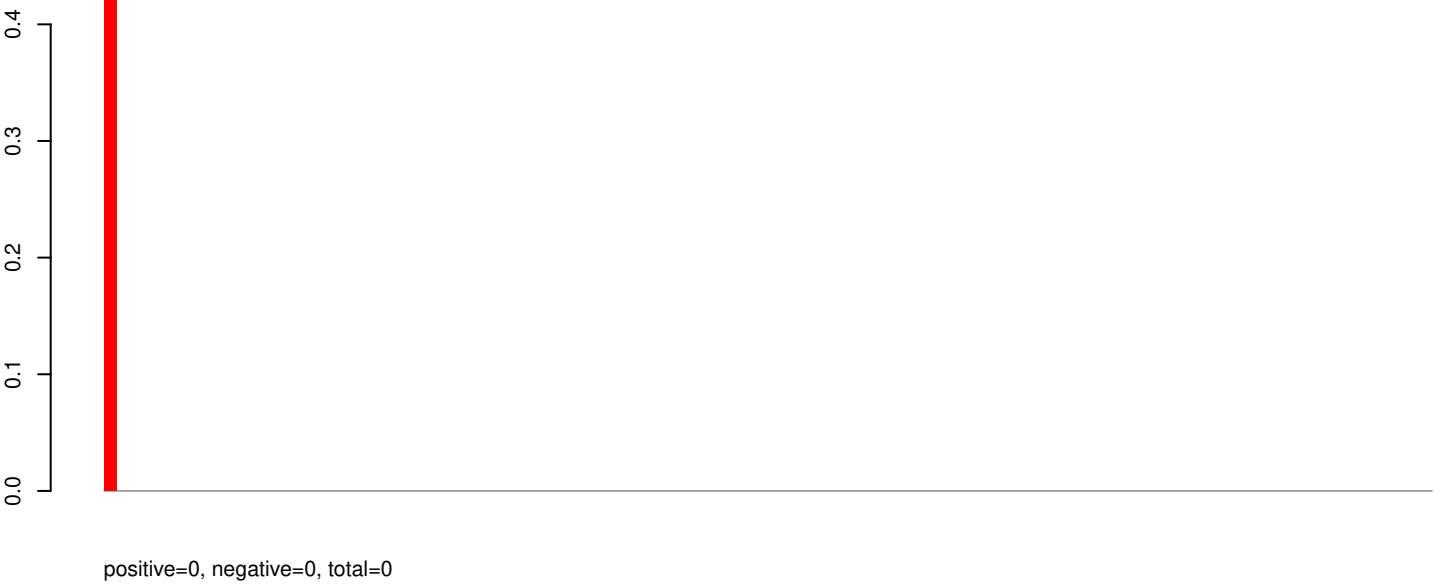
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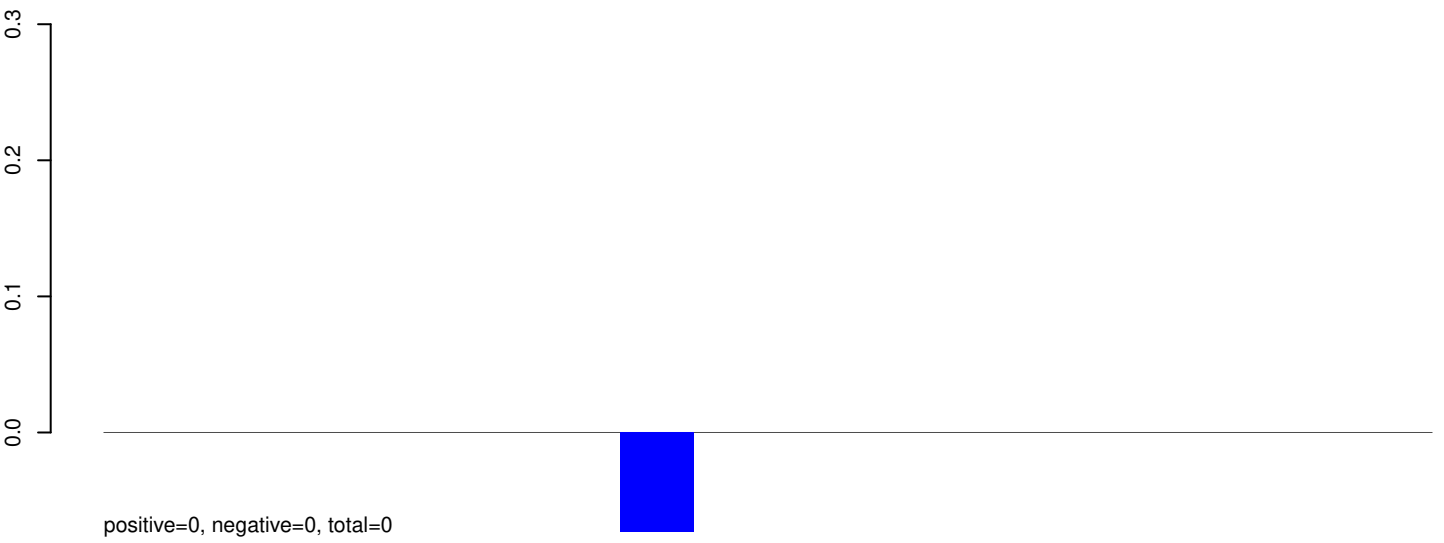
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



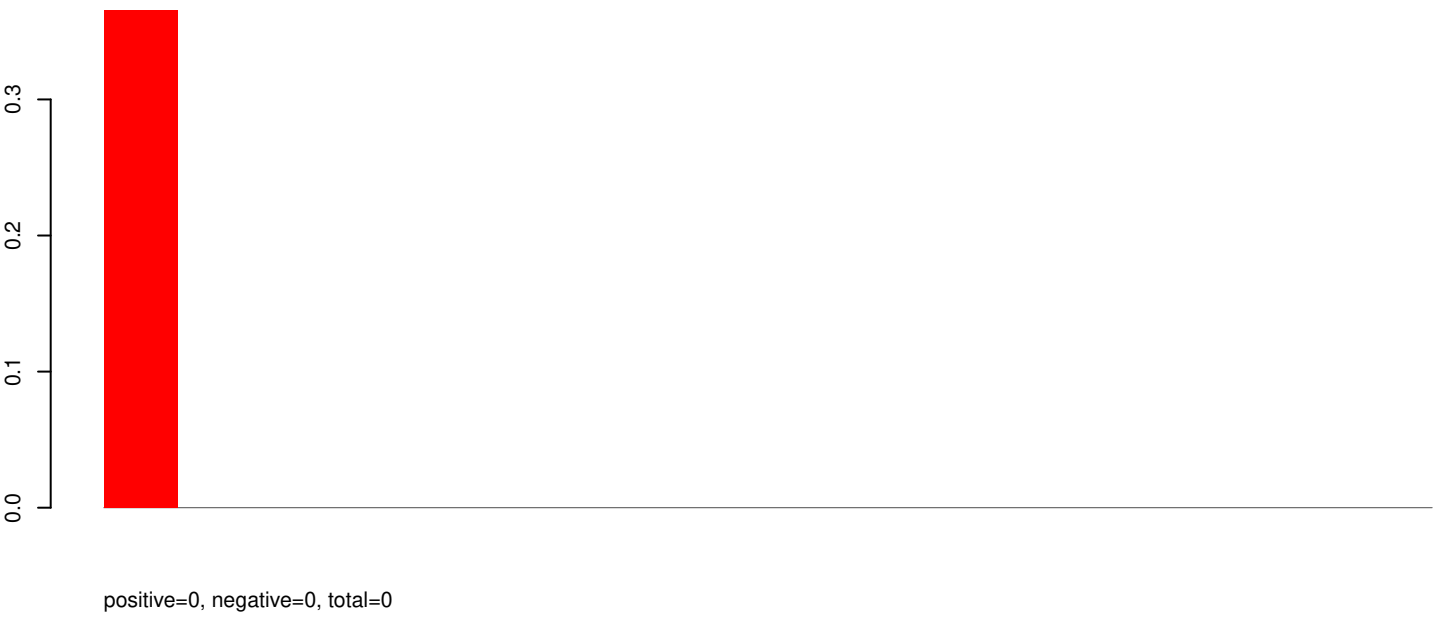
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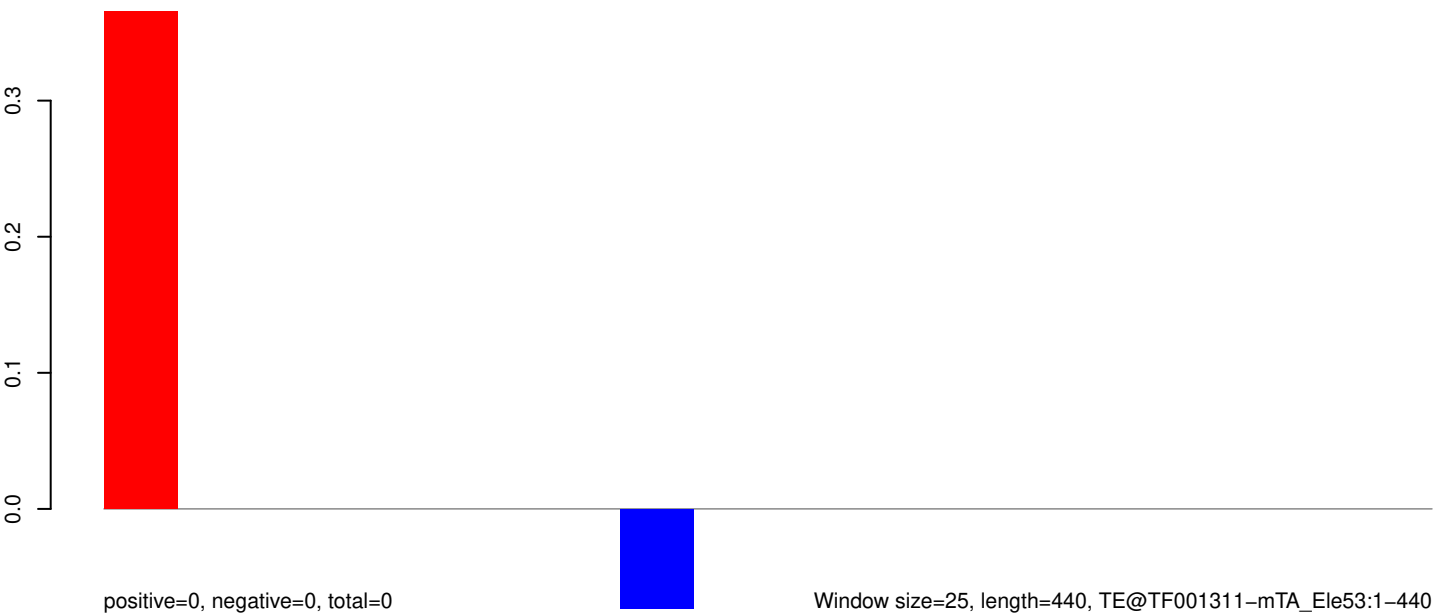
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



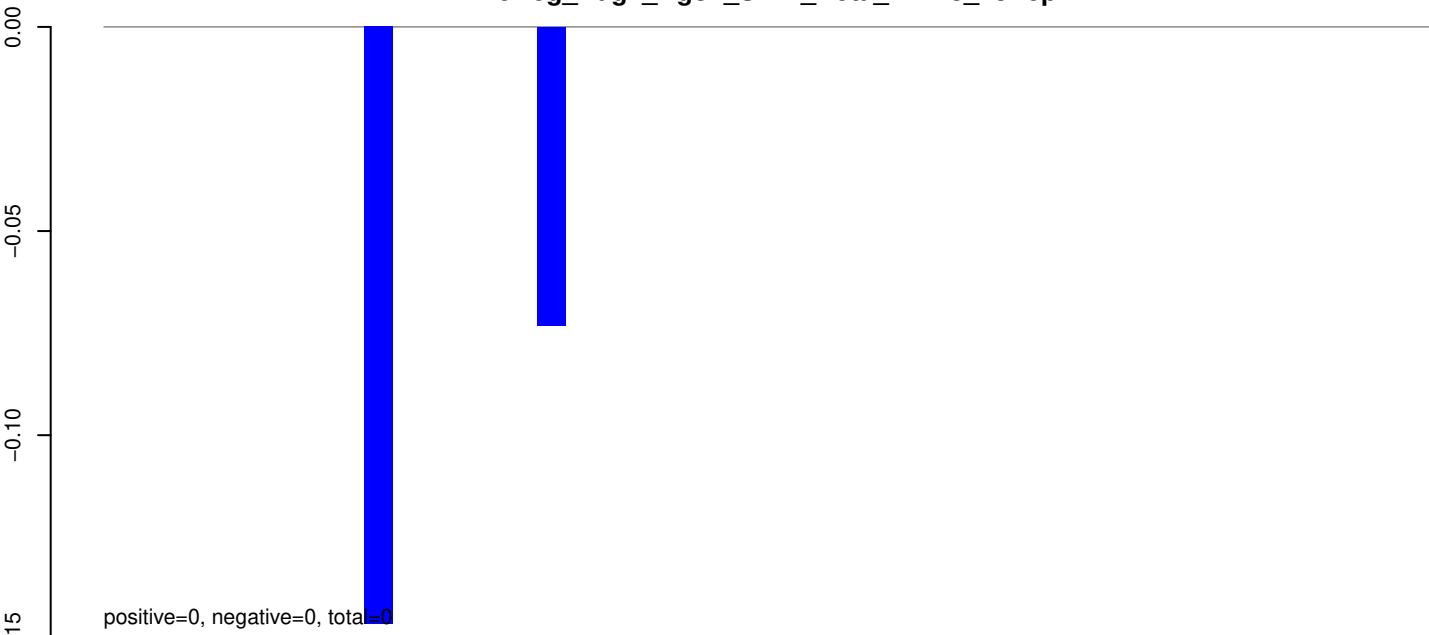
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



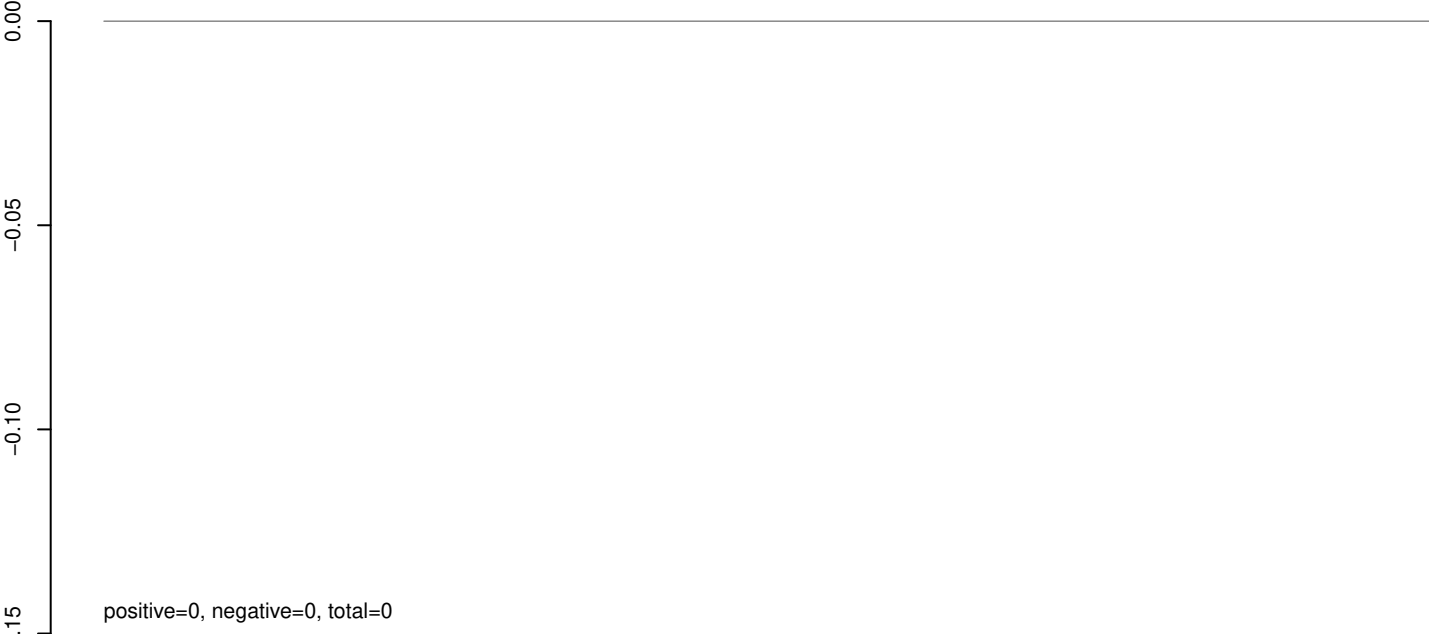
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100 200 300 400

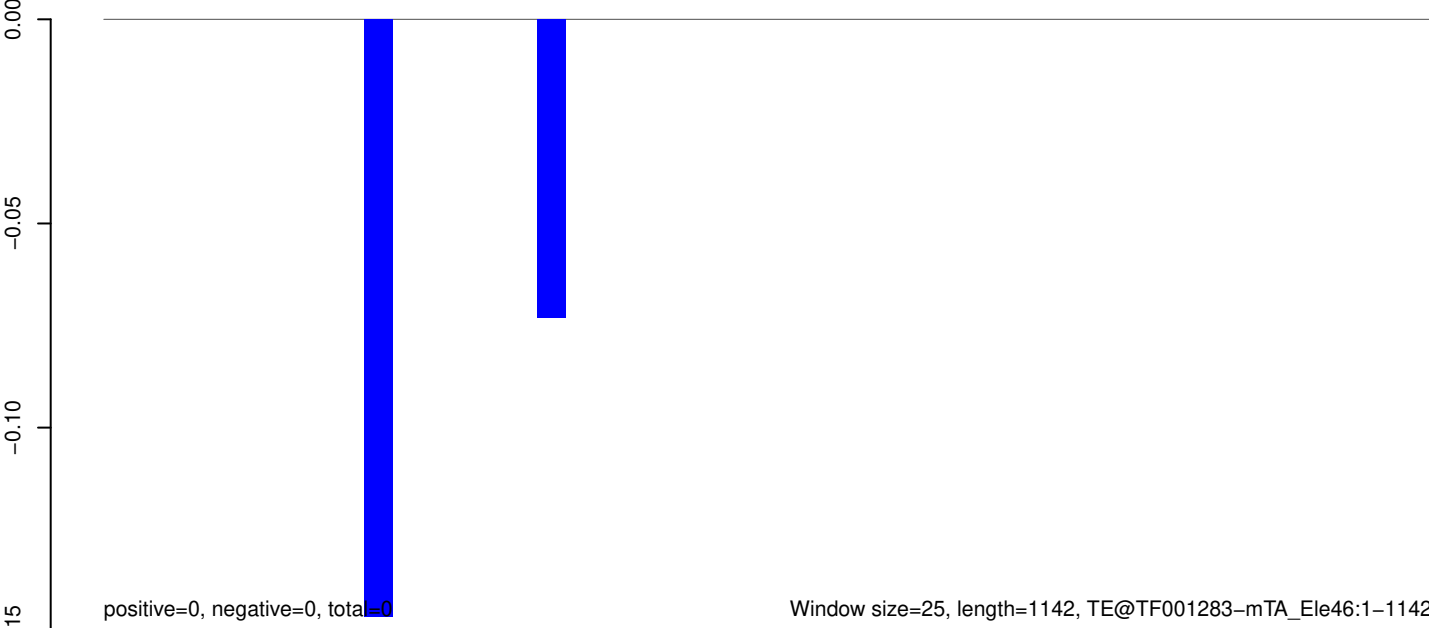
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



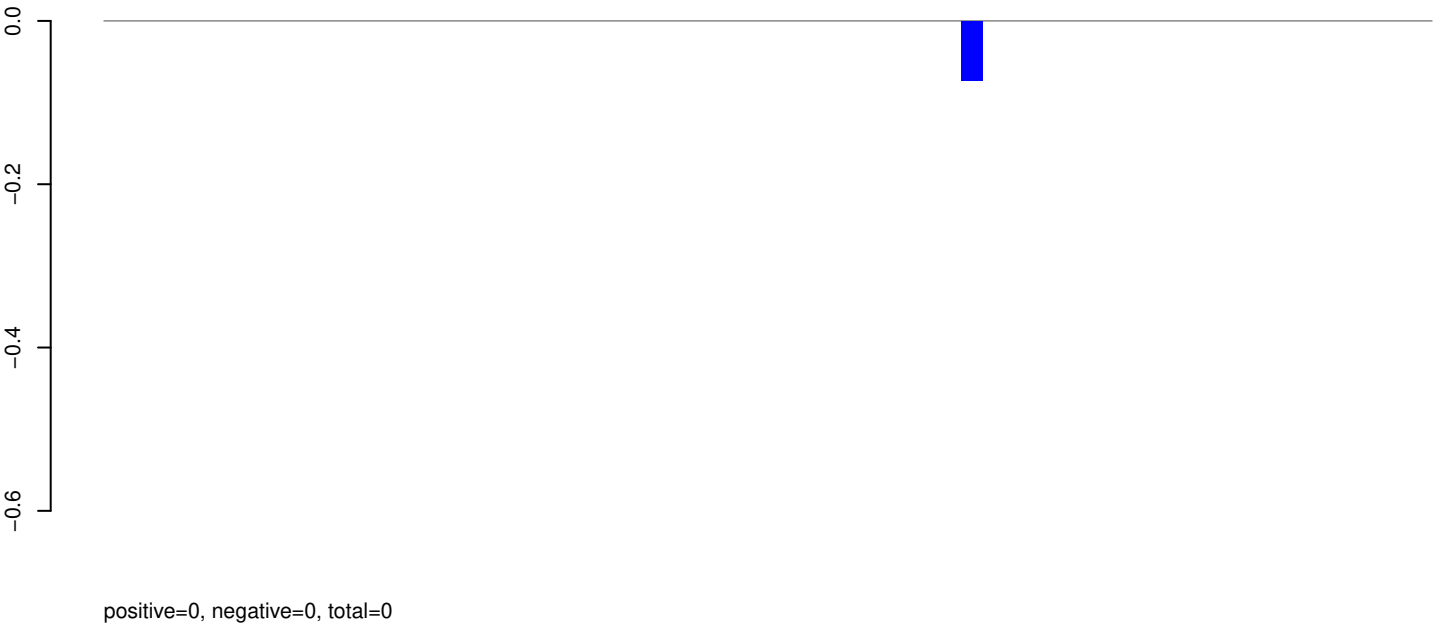
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



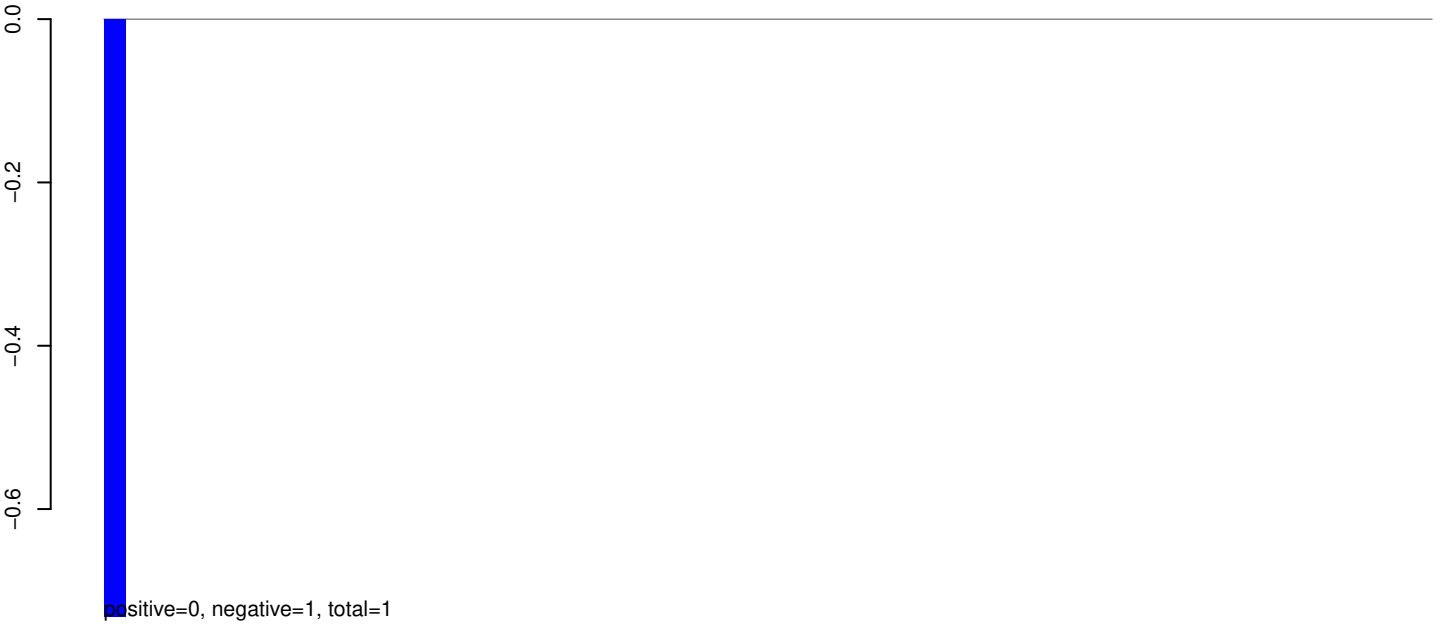
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



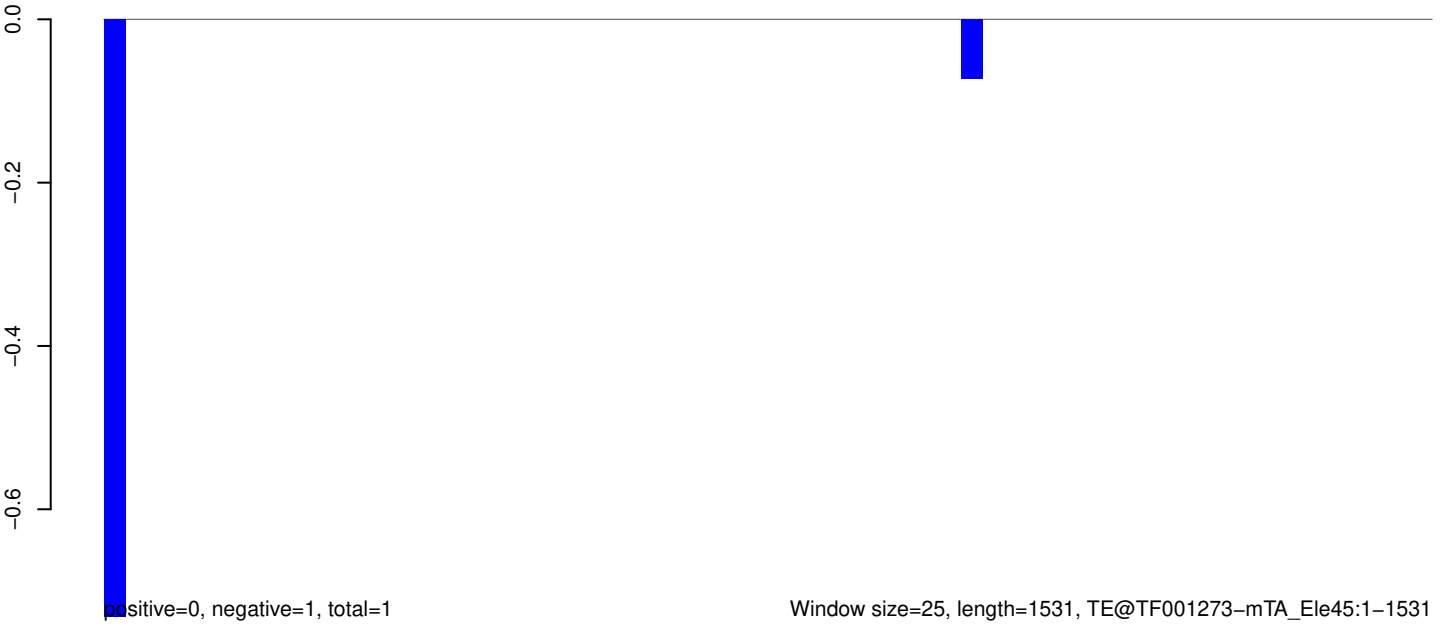
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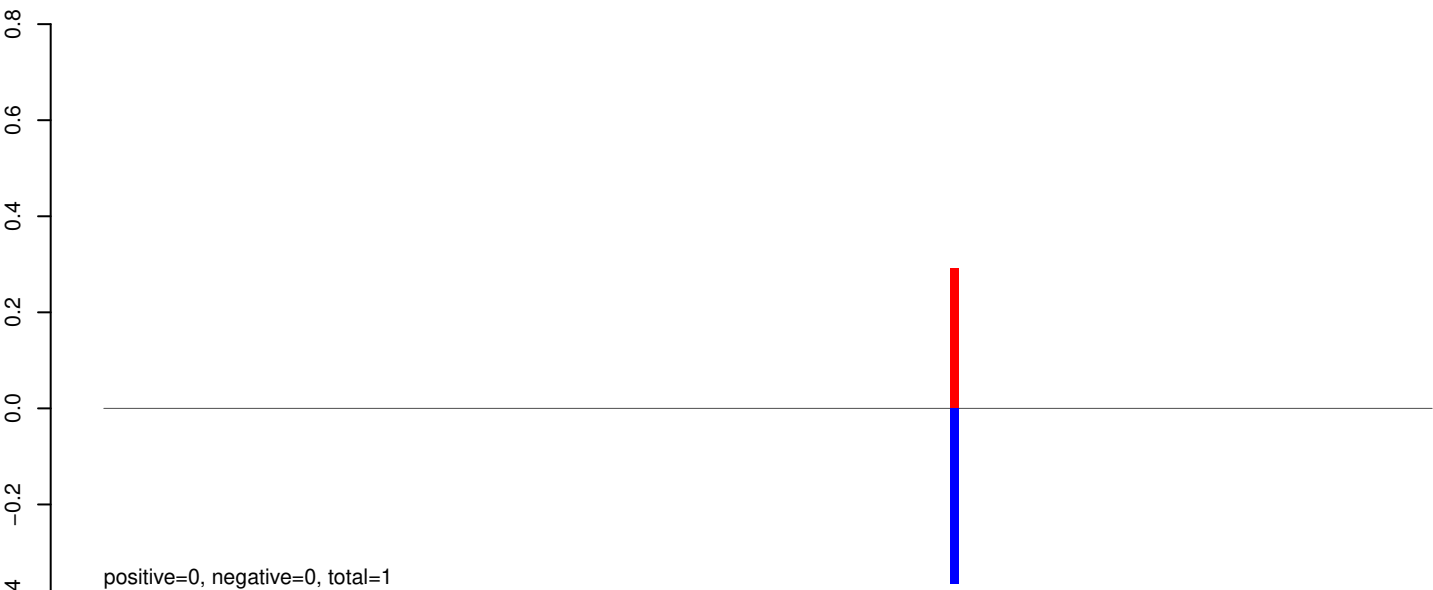
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



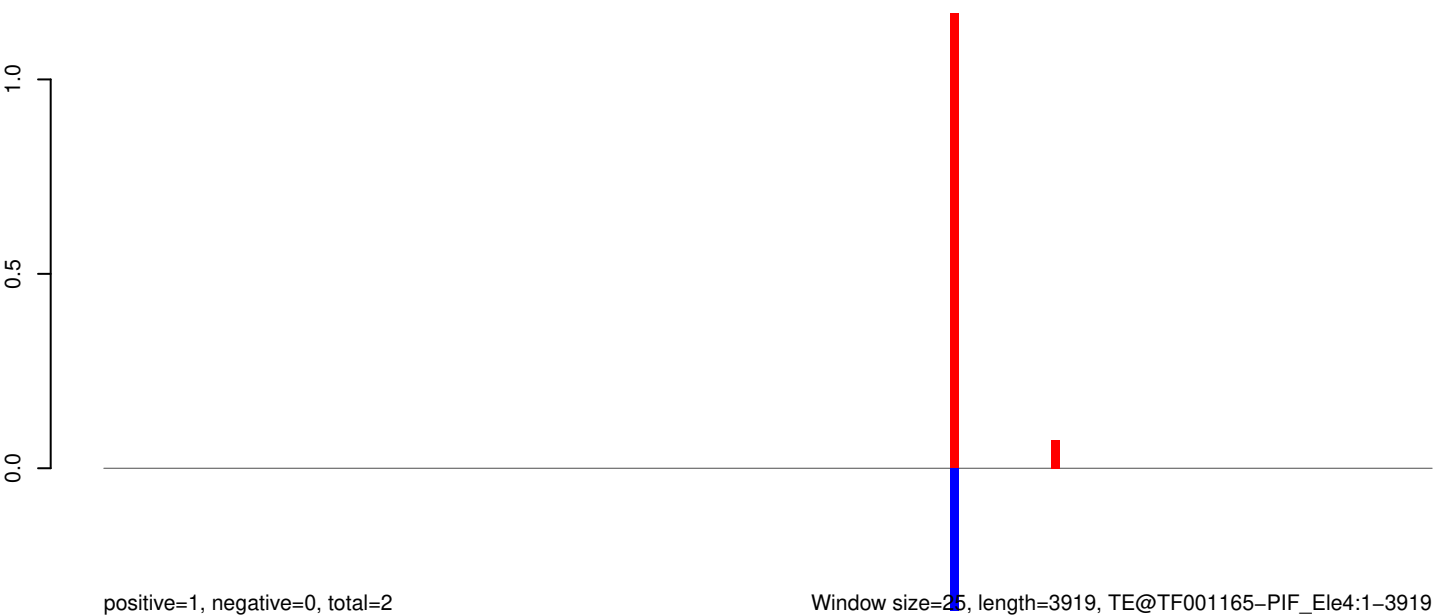
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



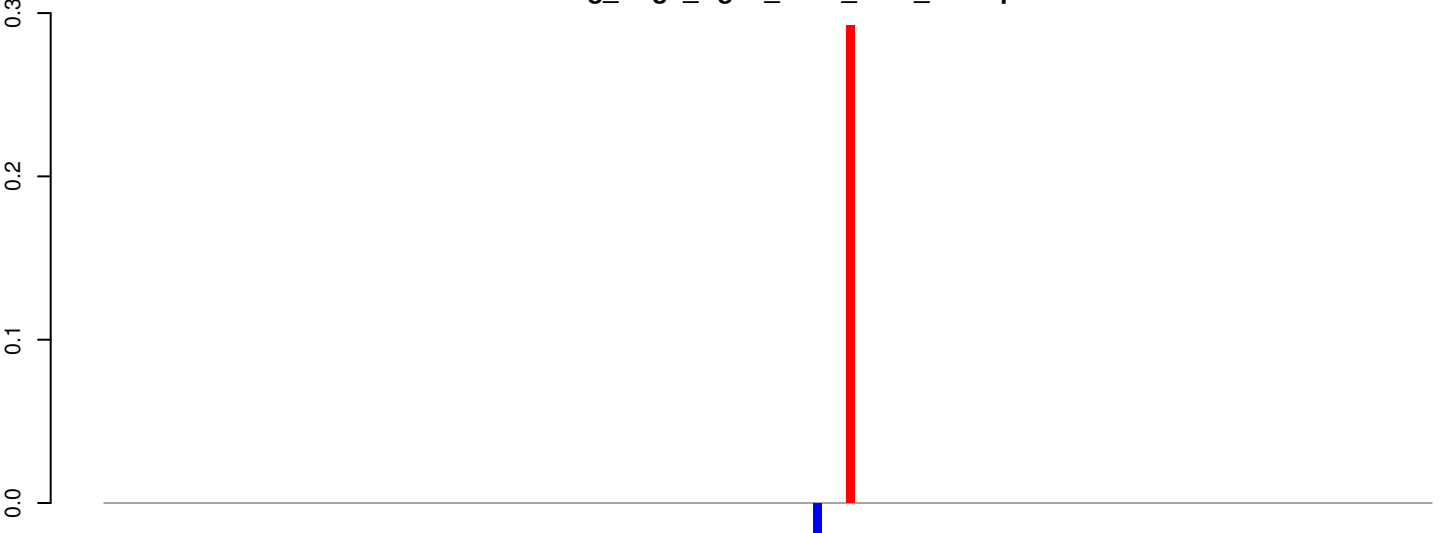
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



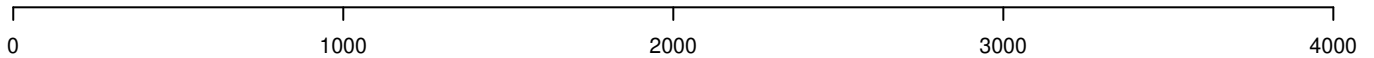
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

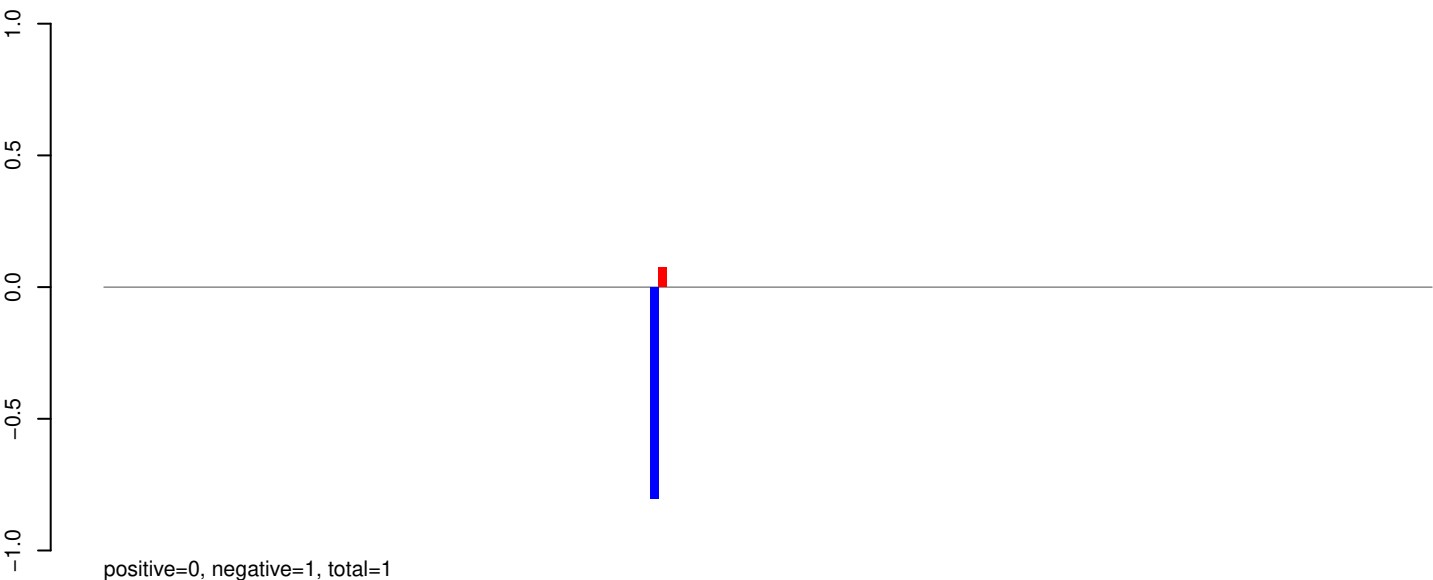


positive=0, negative=0, total=0

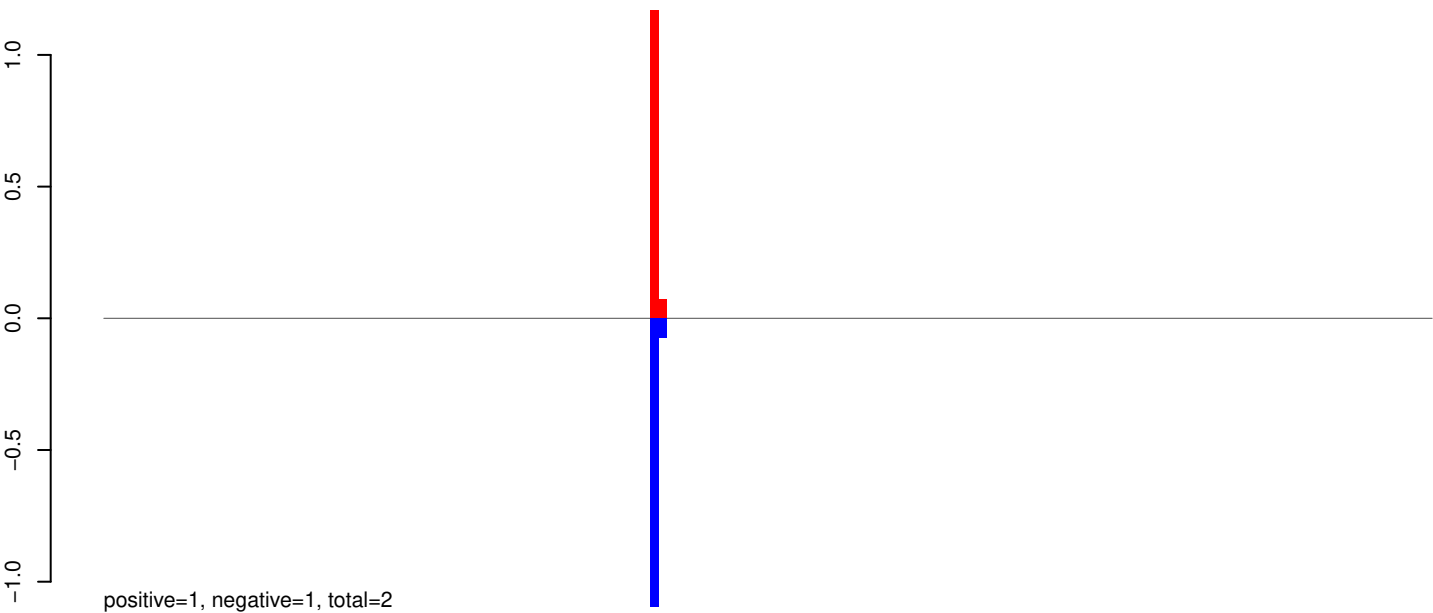
Window size=25, length=4001, TE@TF001134-Ty1\_copia\_Ele129:1-4001



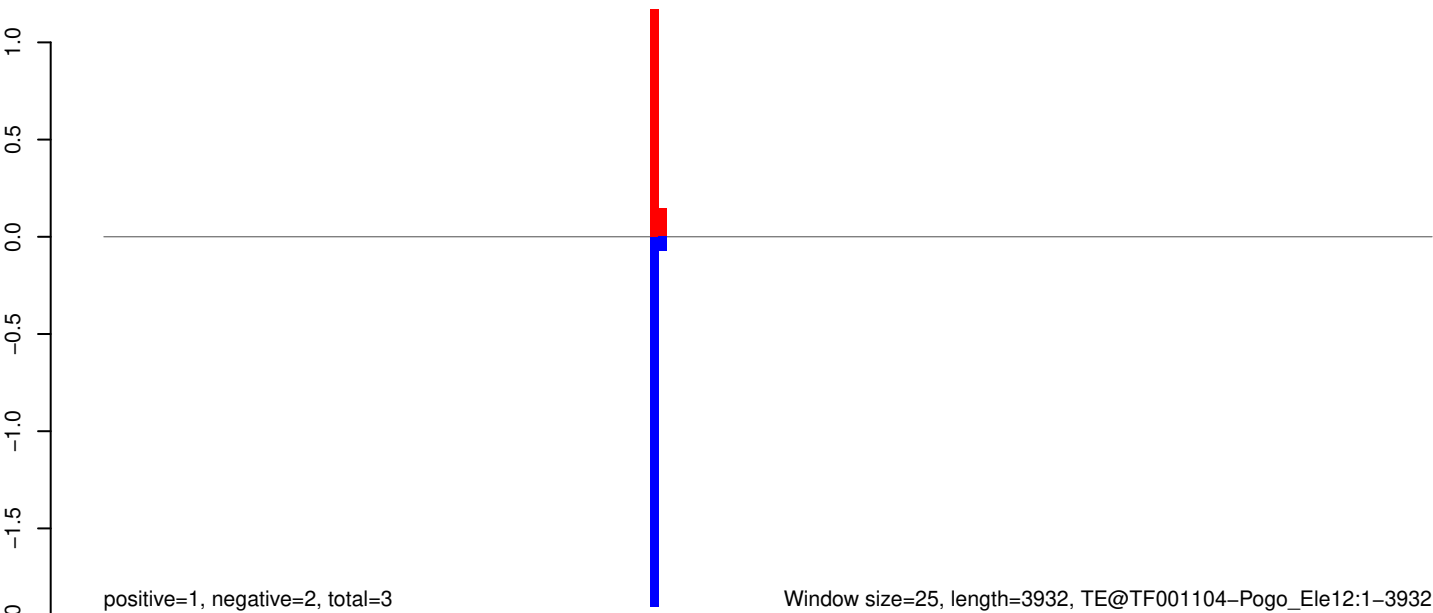
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



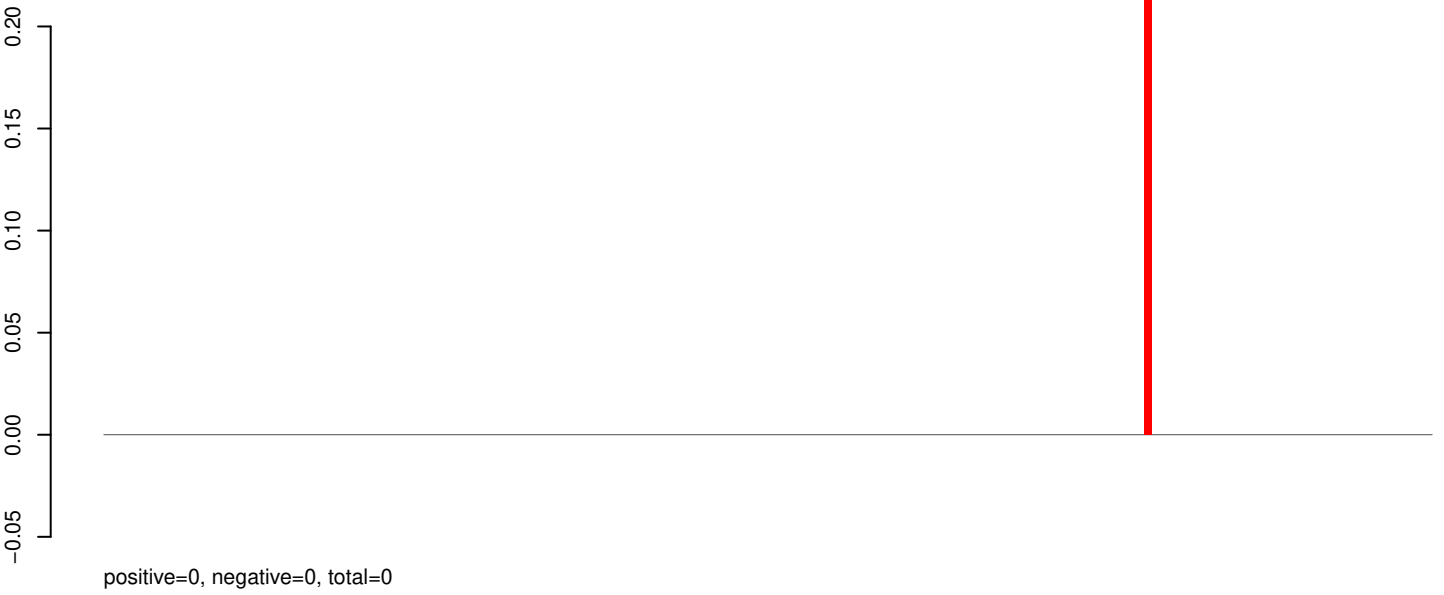
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

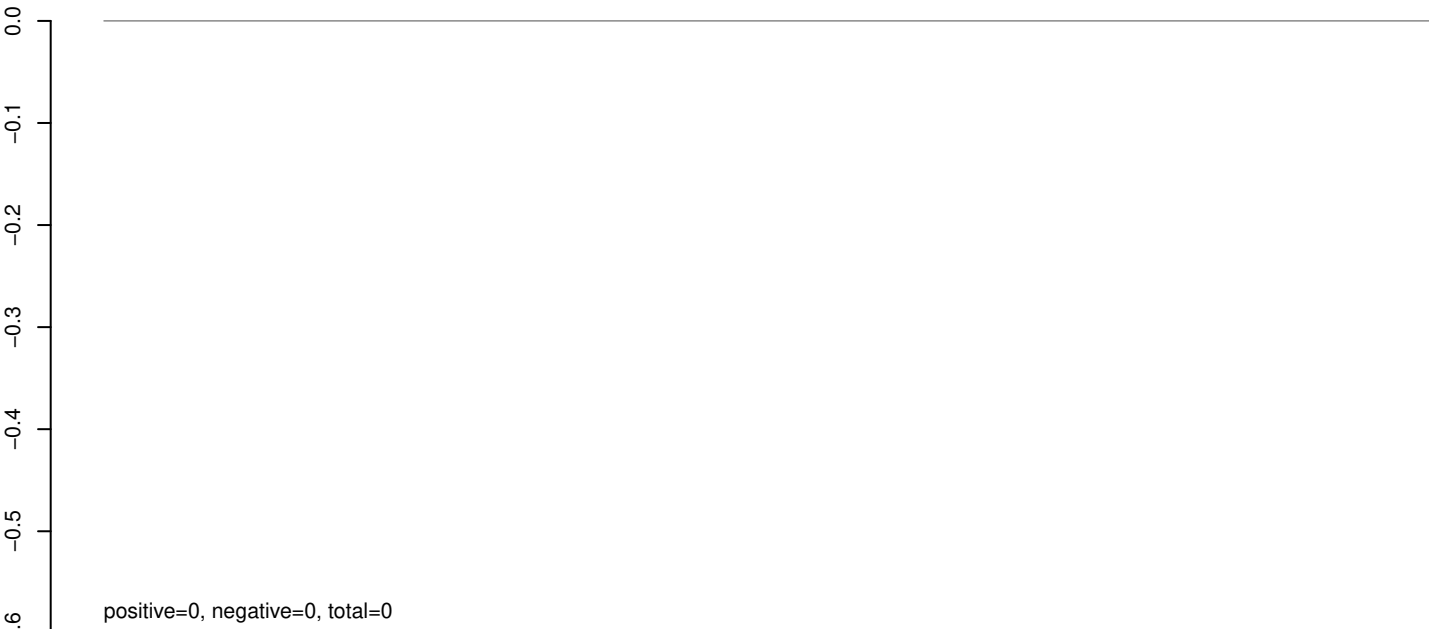


Window size=25, length=4126, TF@TF001087-Ty1\_copia\_Ele187:1-4126

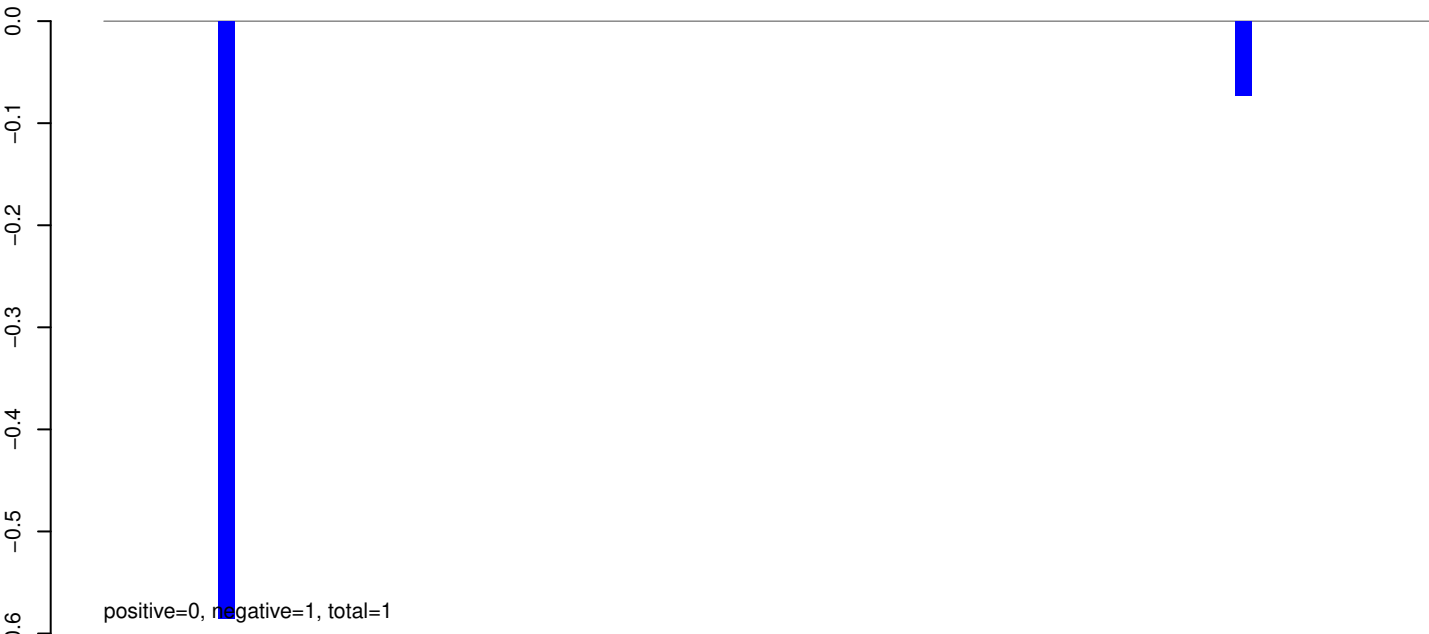
0 1000 2000 3000 4000



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



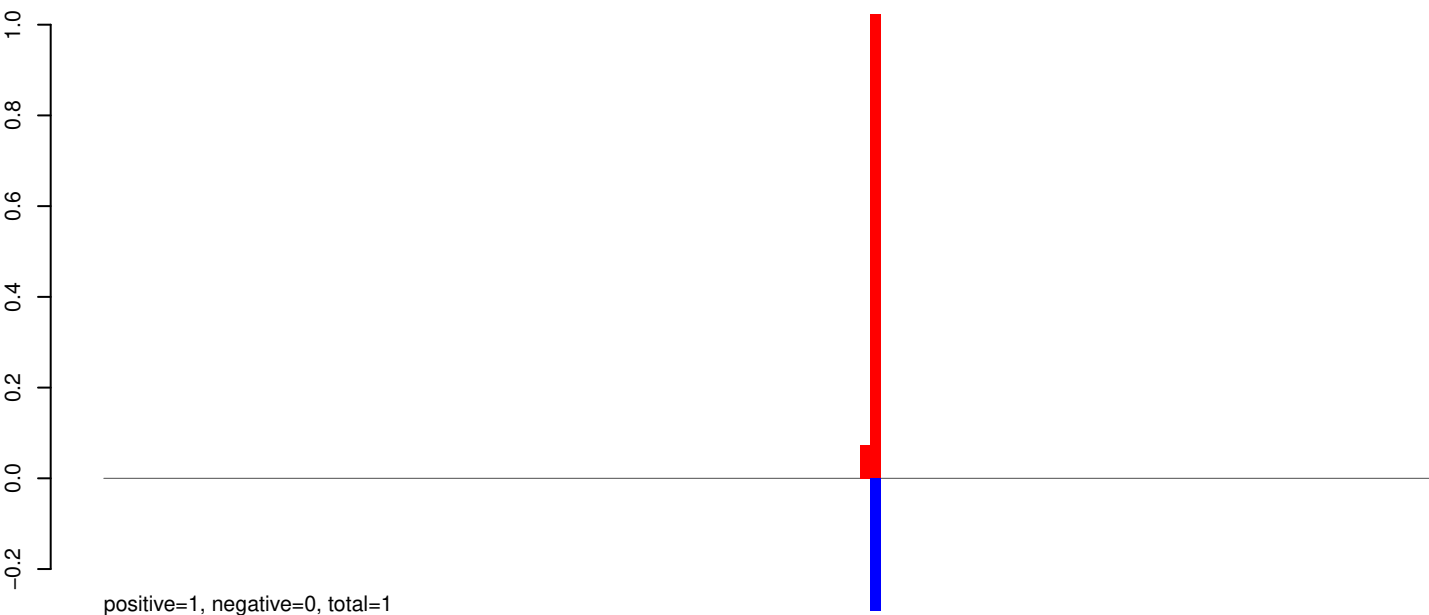
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



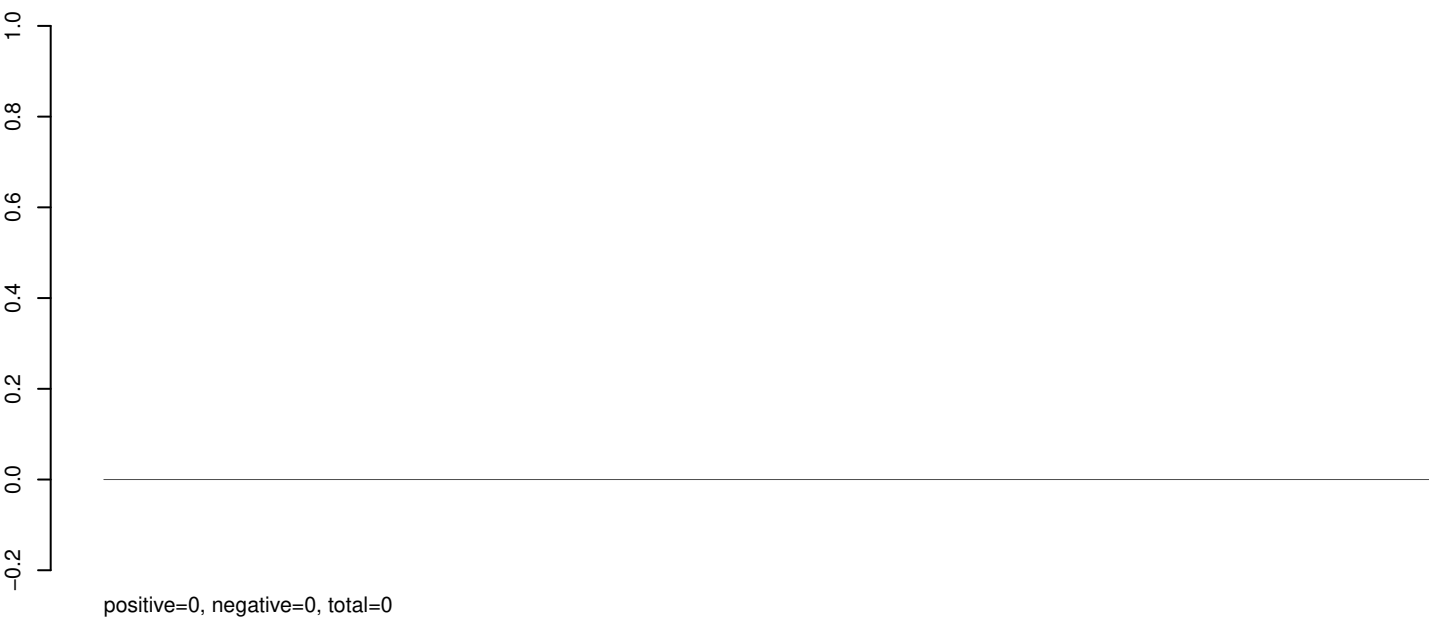
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



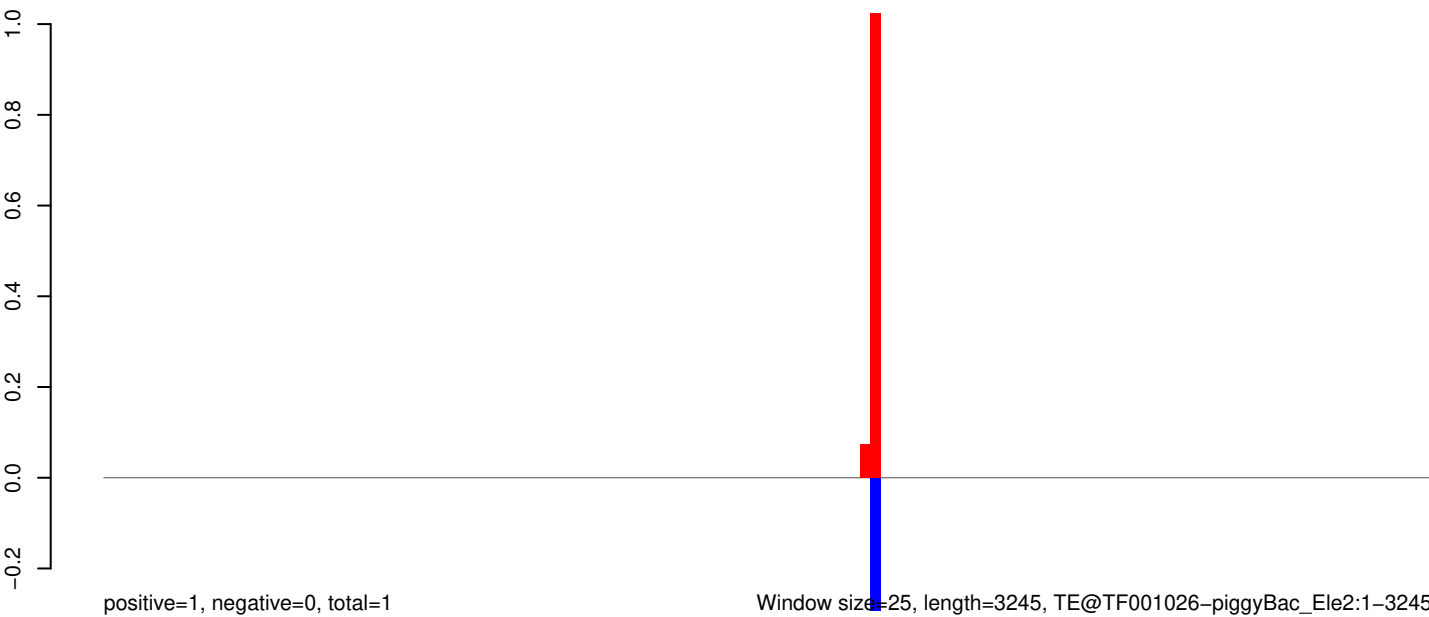
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



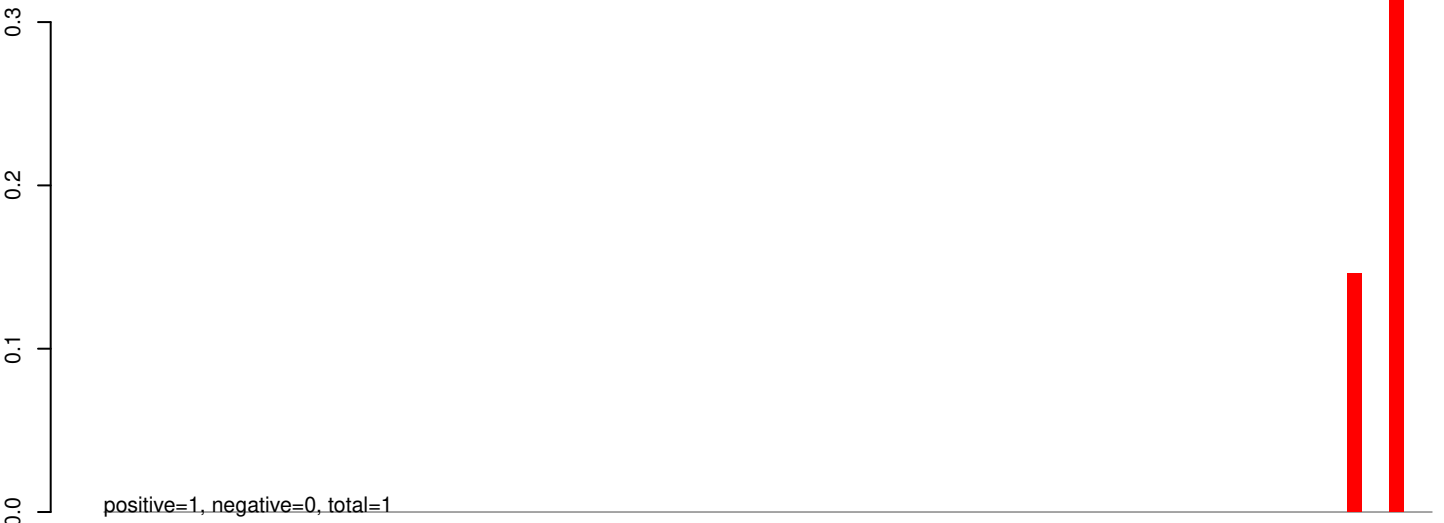
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



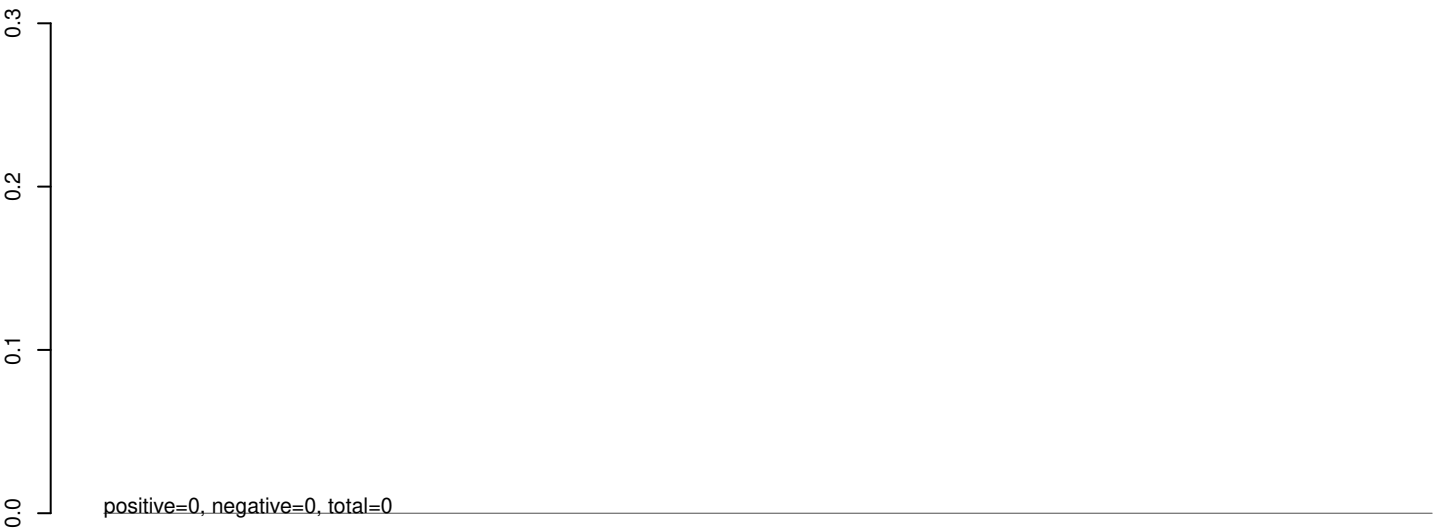
Window size=25, length=3245, TE@TF001026-piggyBac\_Ele2:1-3245

0 500 1000 1500 2000 2500 3000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

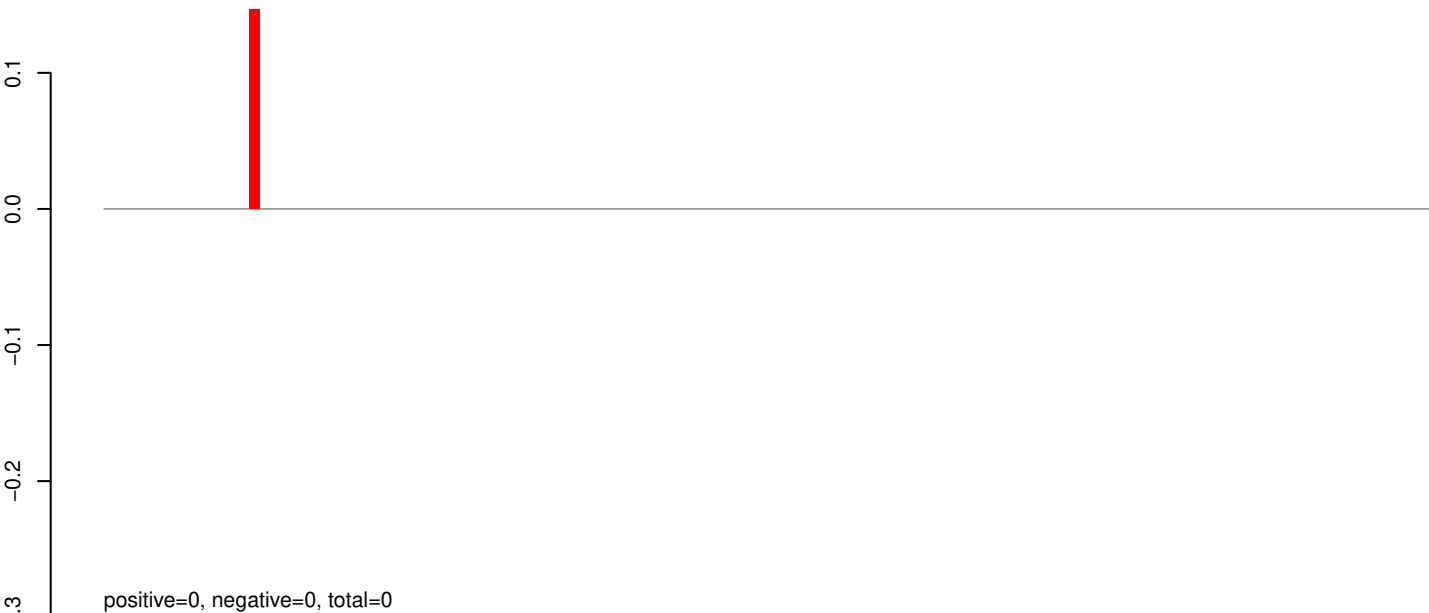


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

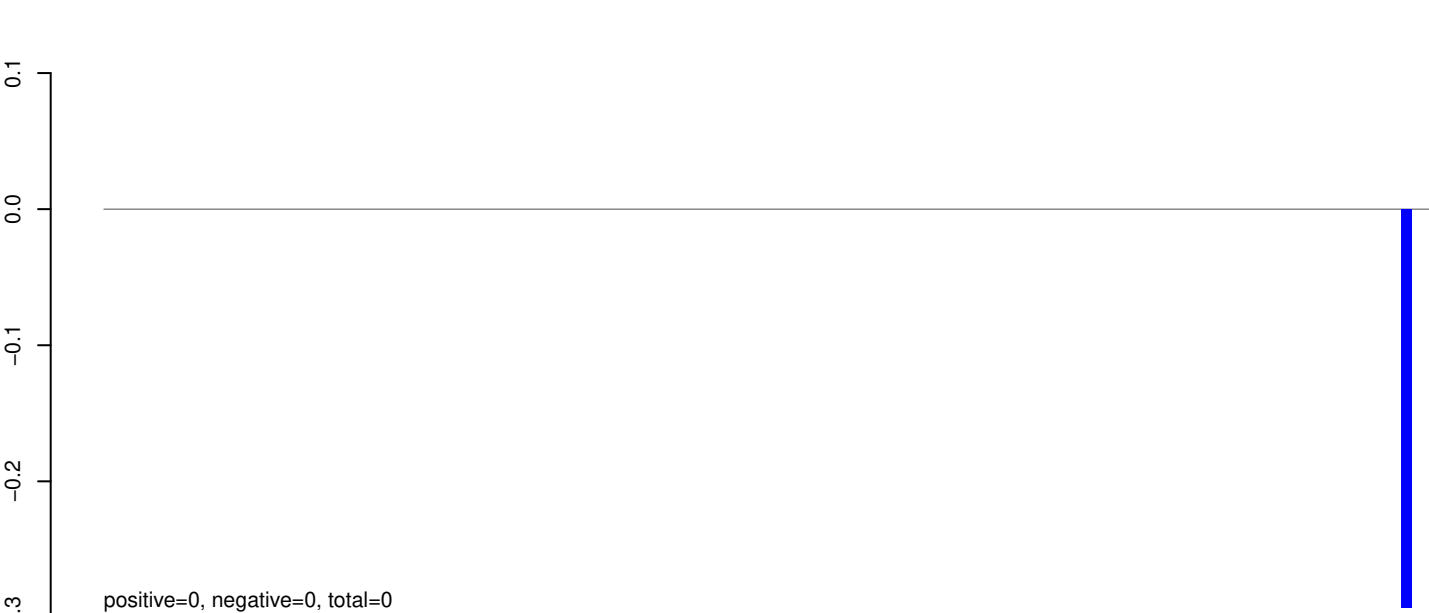


0 500 1000 1500 2000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



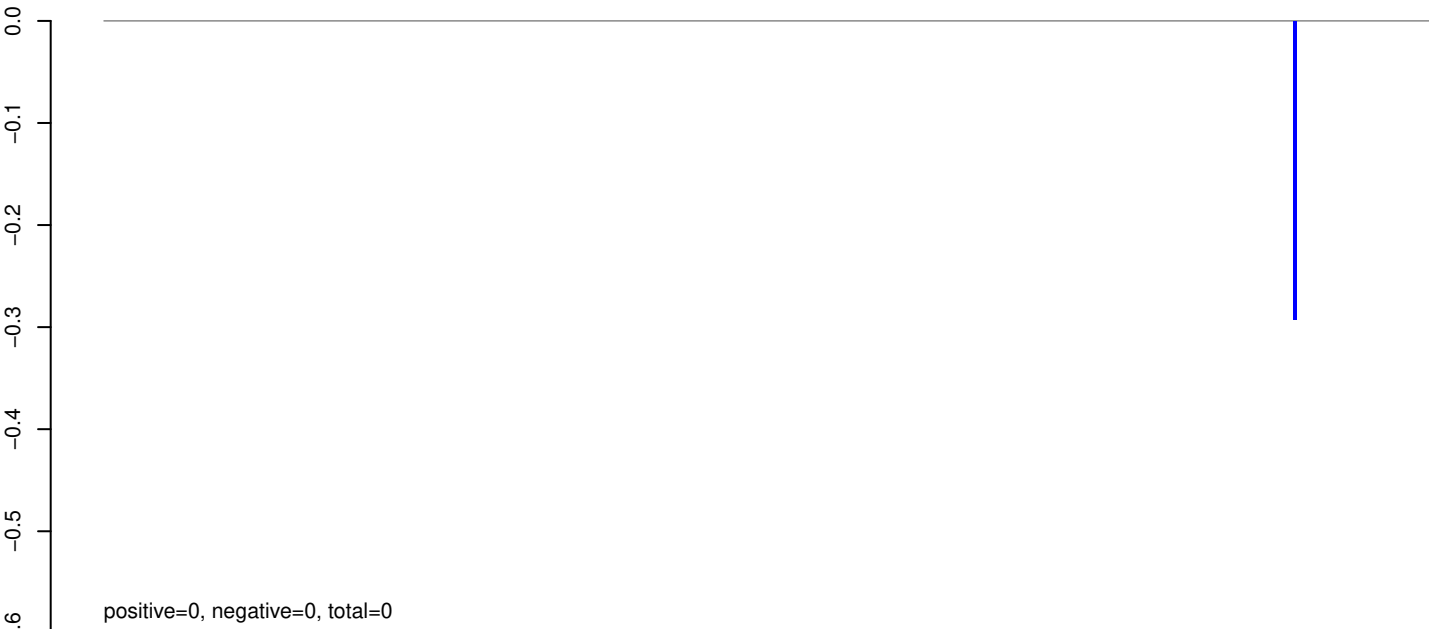
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



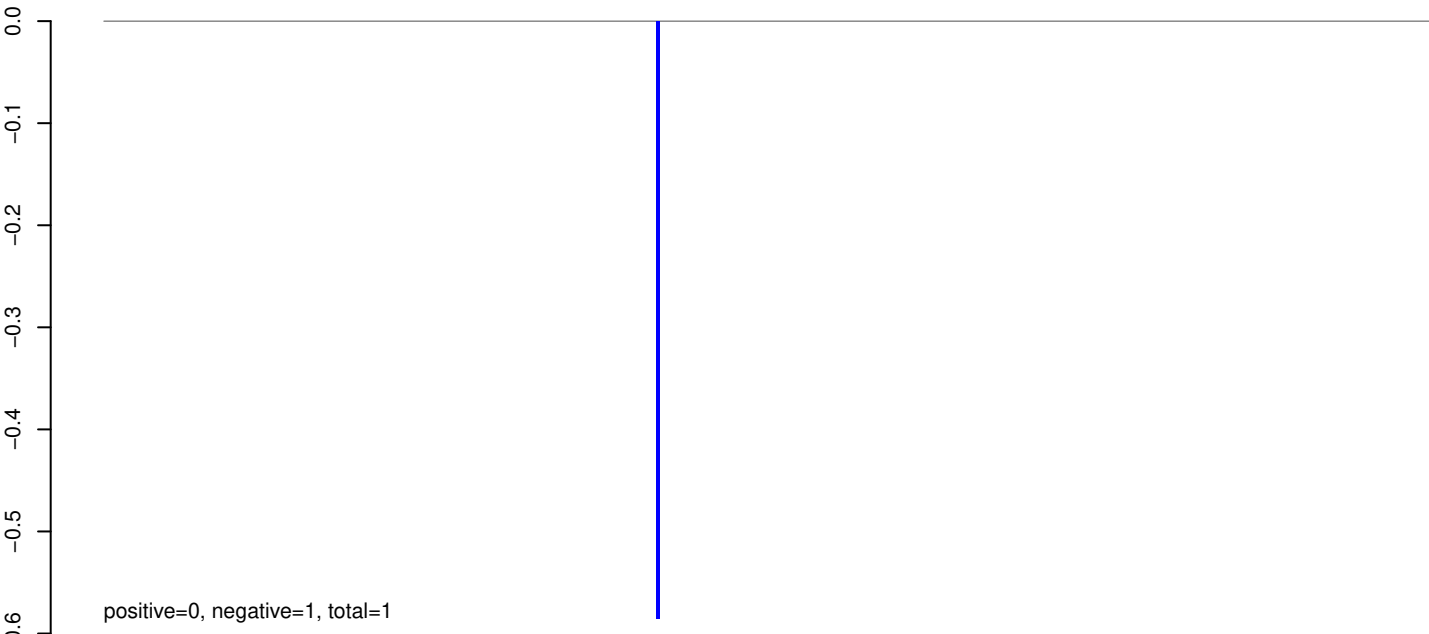
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



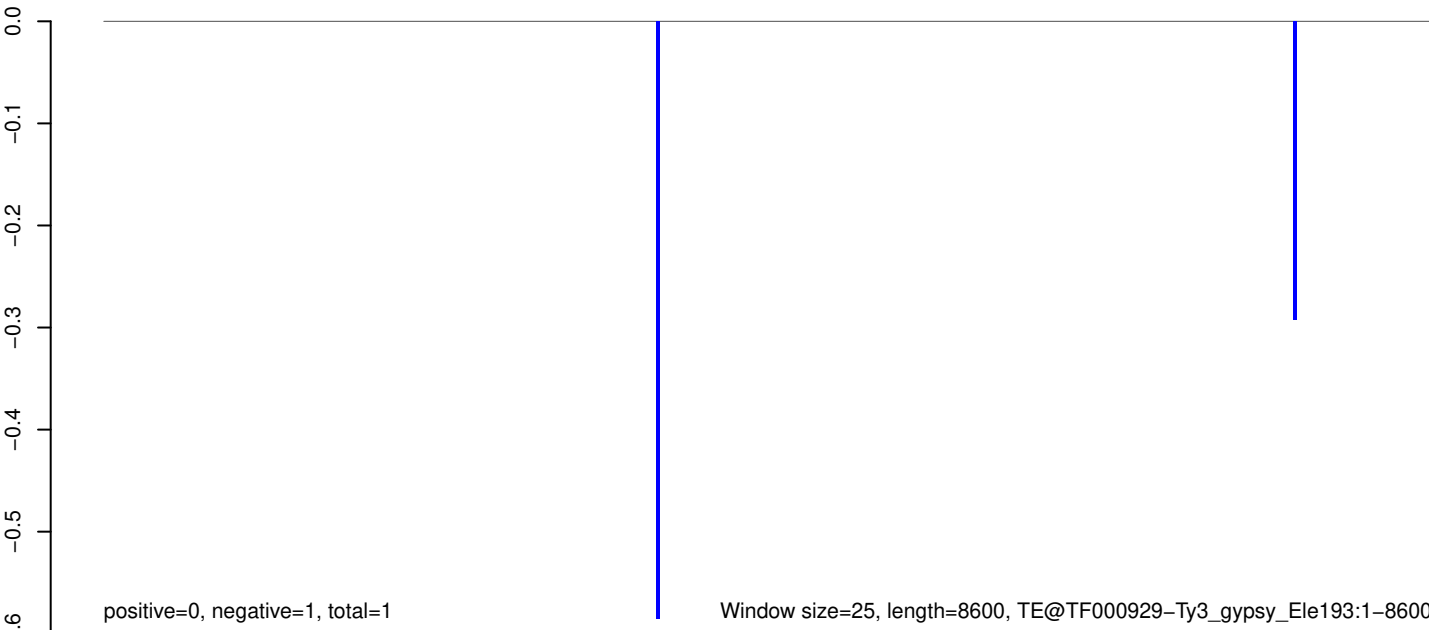
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



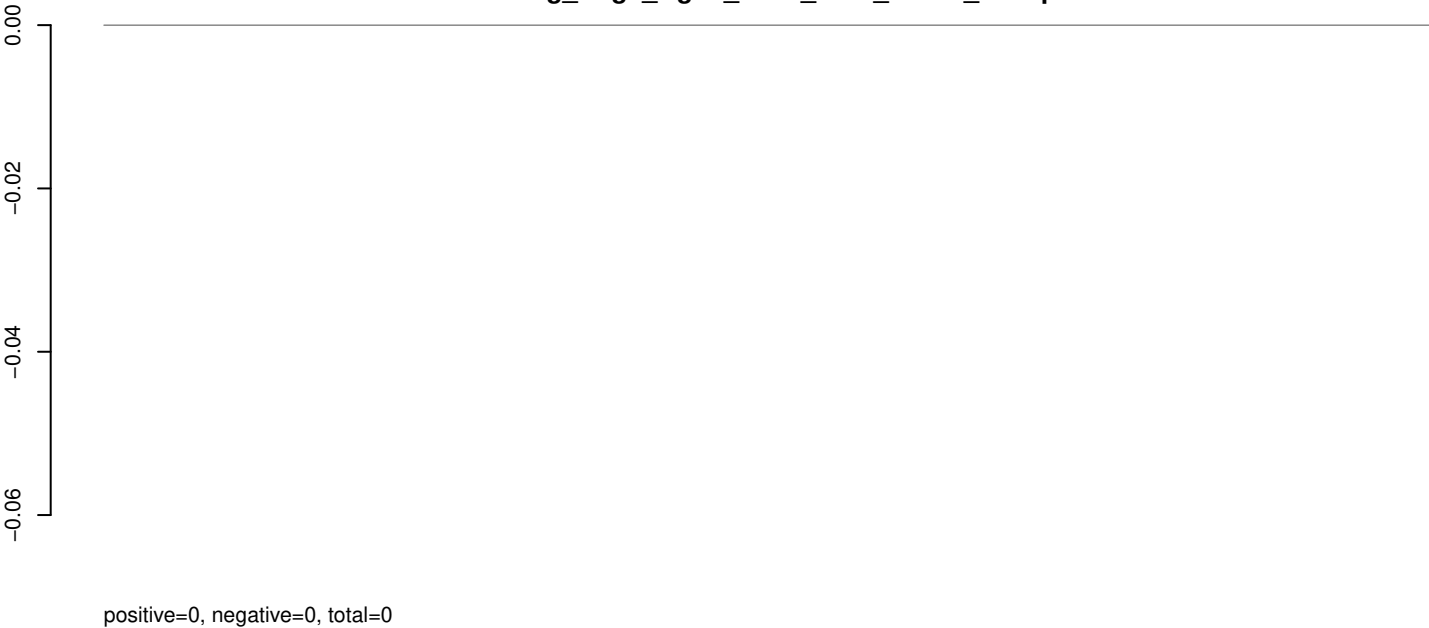
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



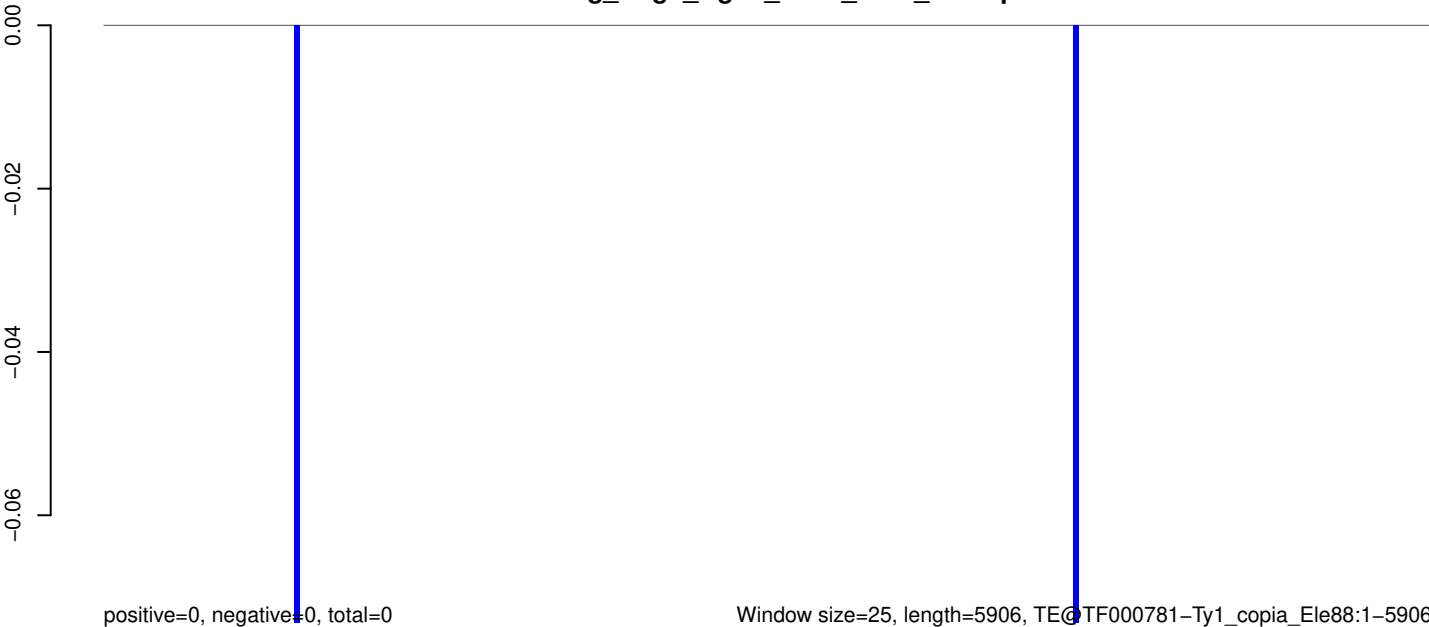
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

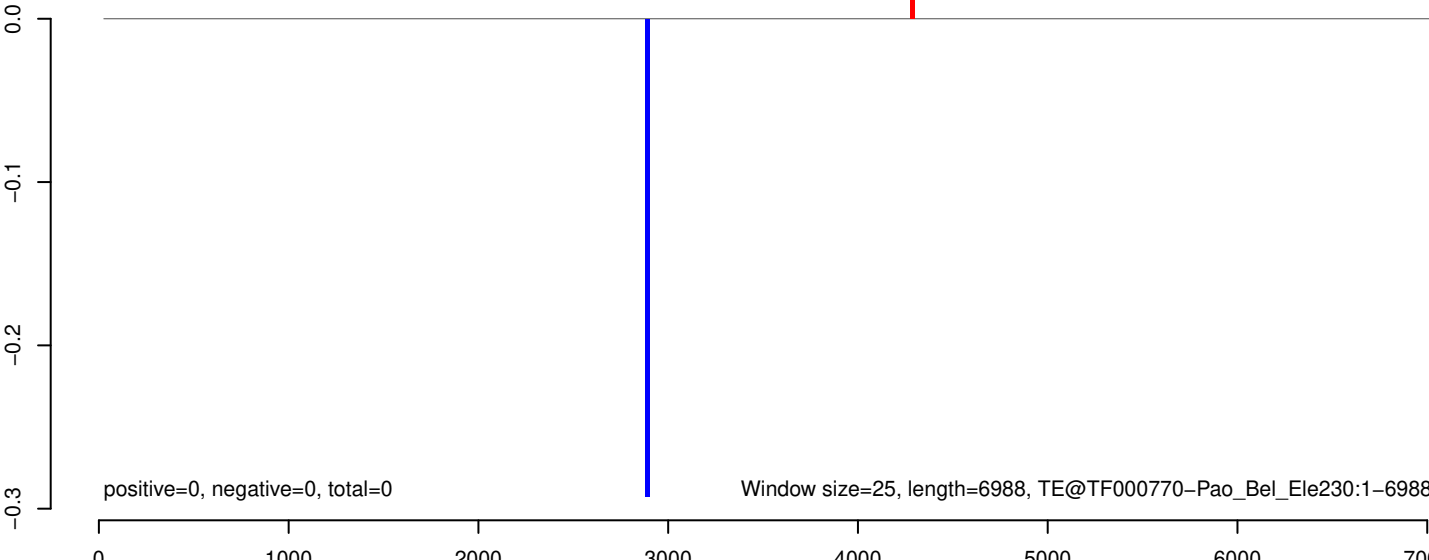
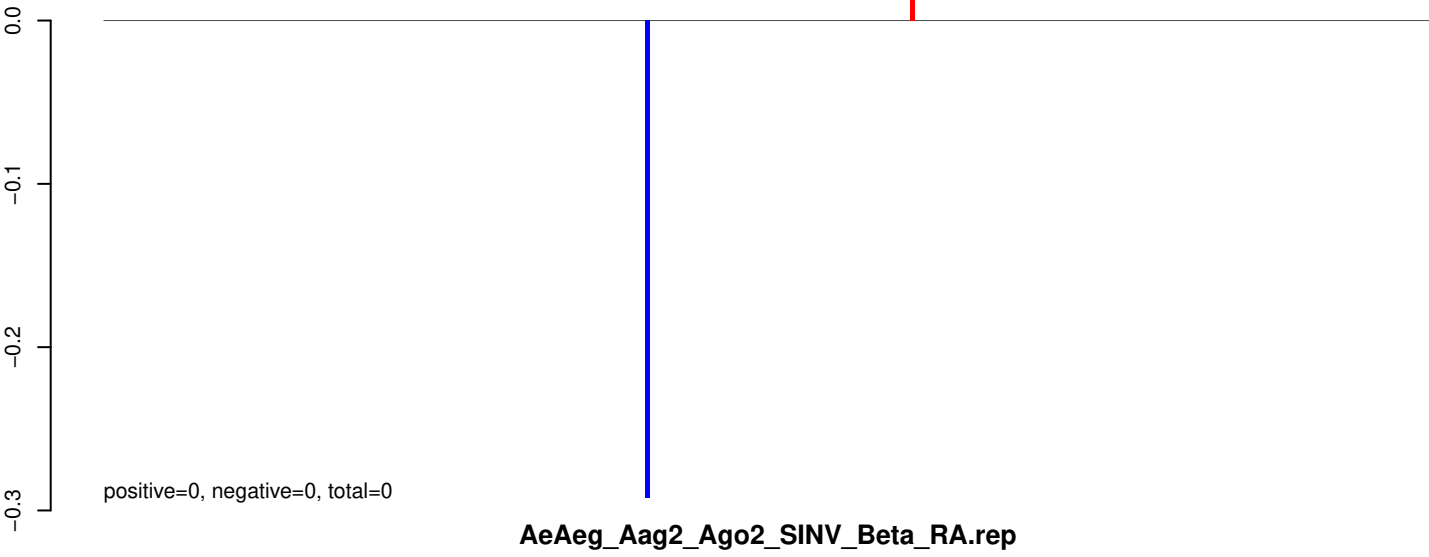
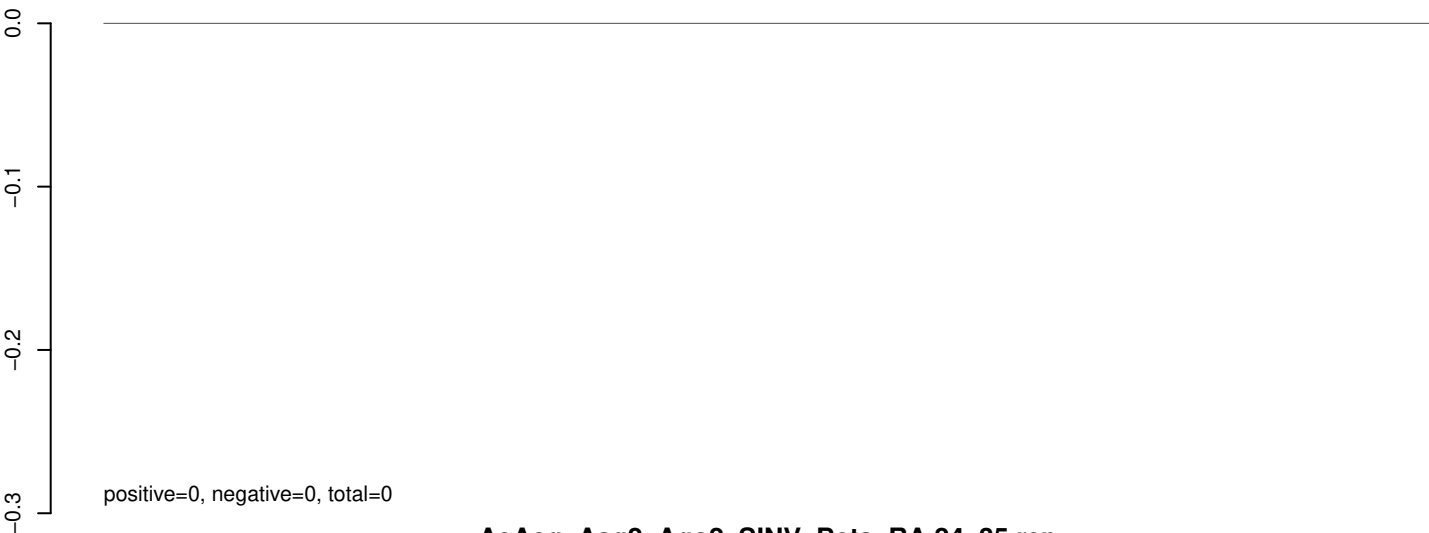


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

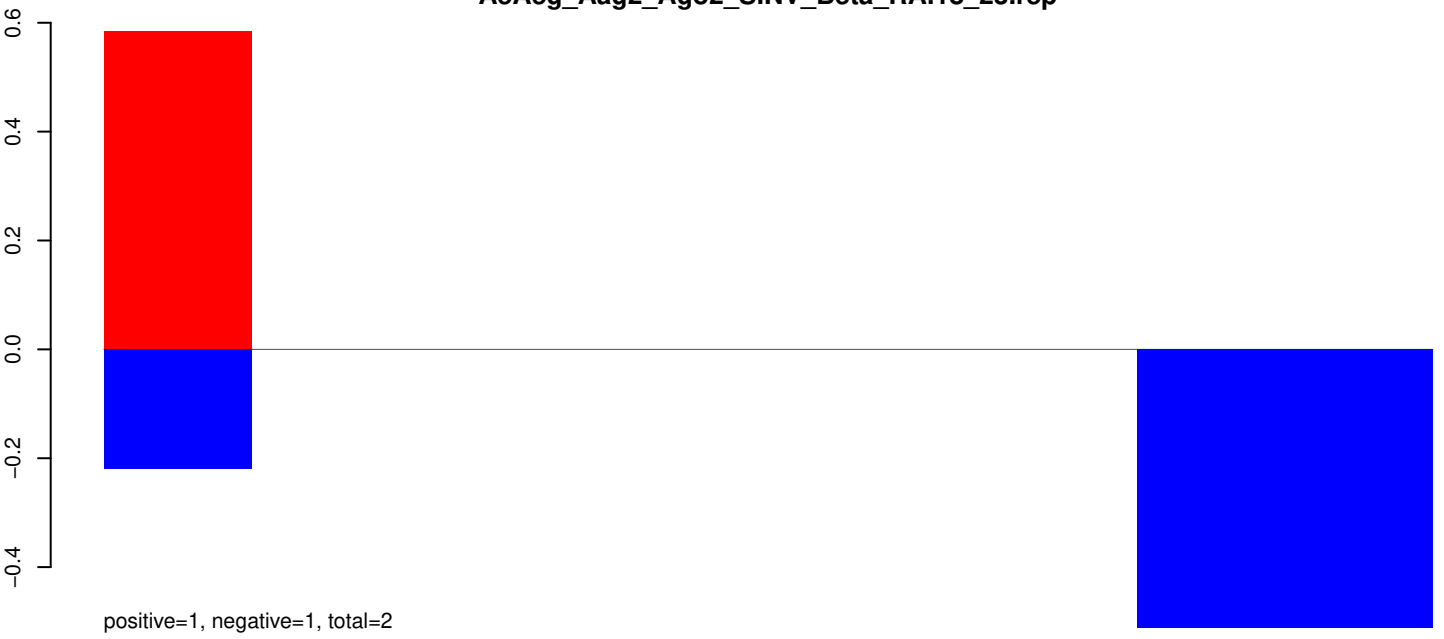


0 1000 2000 3000 4000 5000 6000

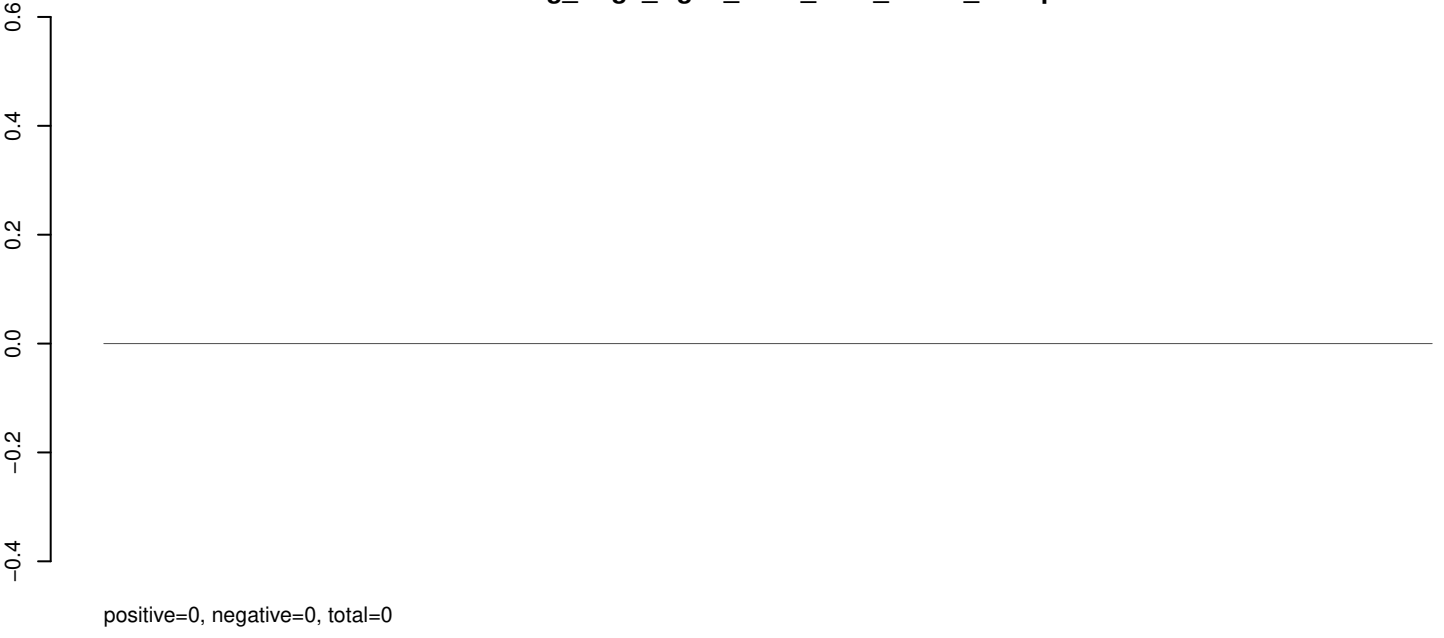
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



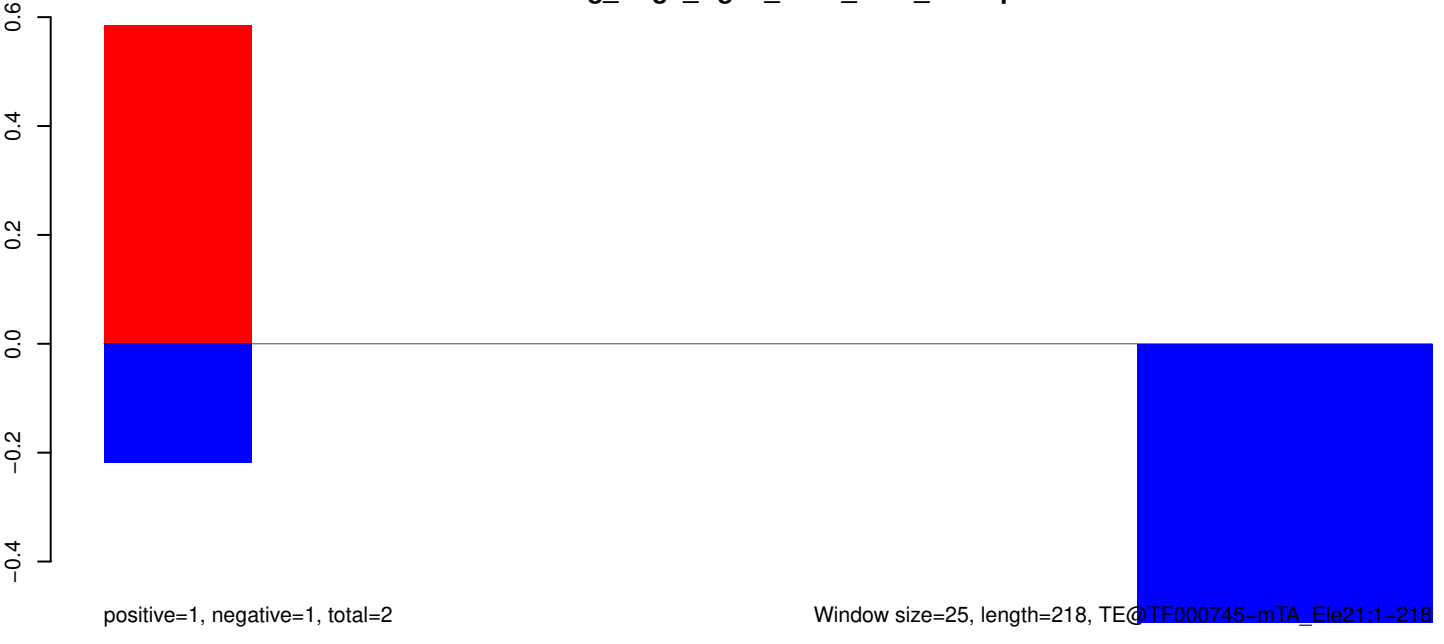
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

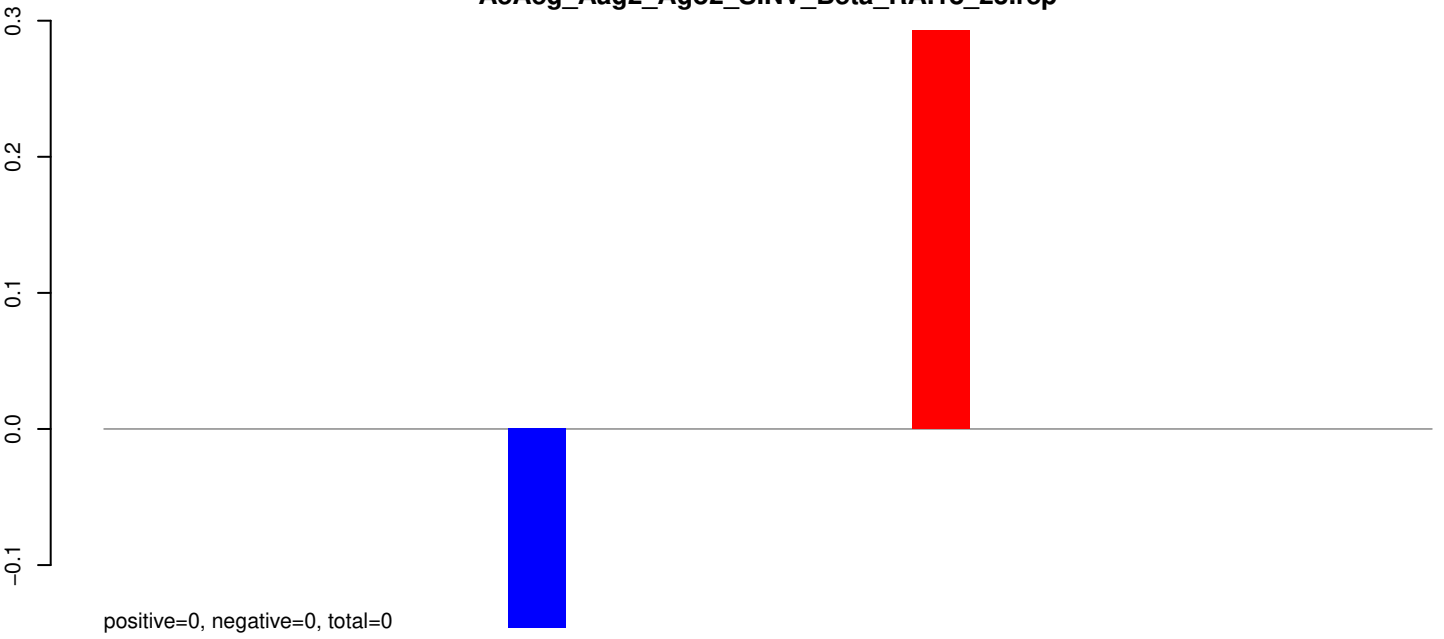


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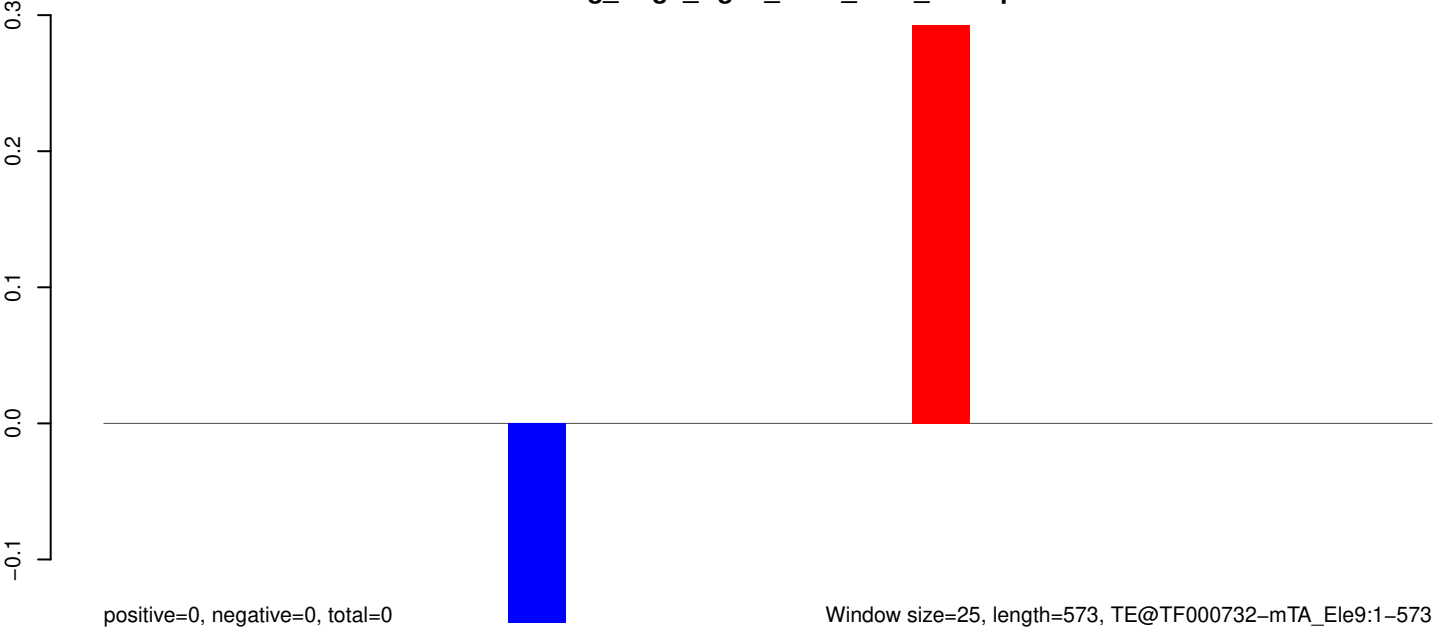
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



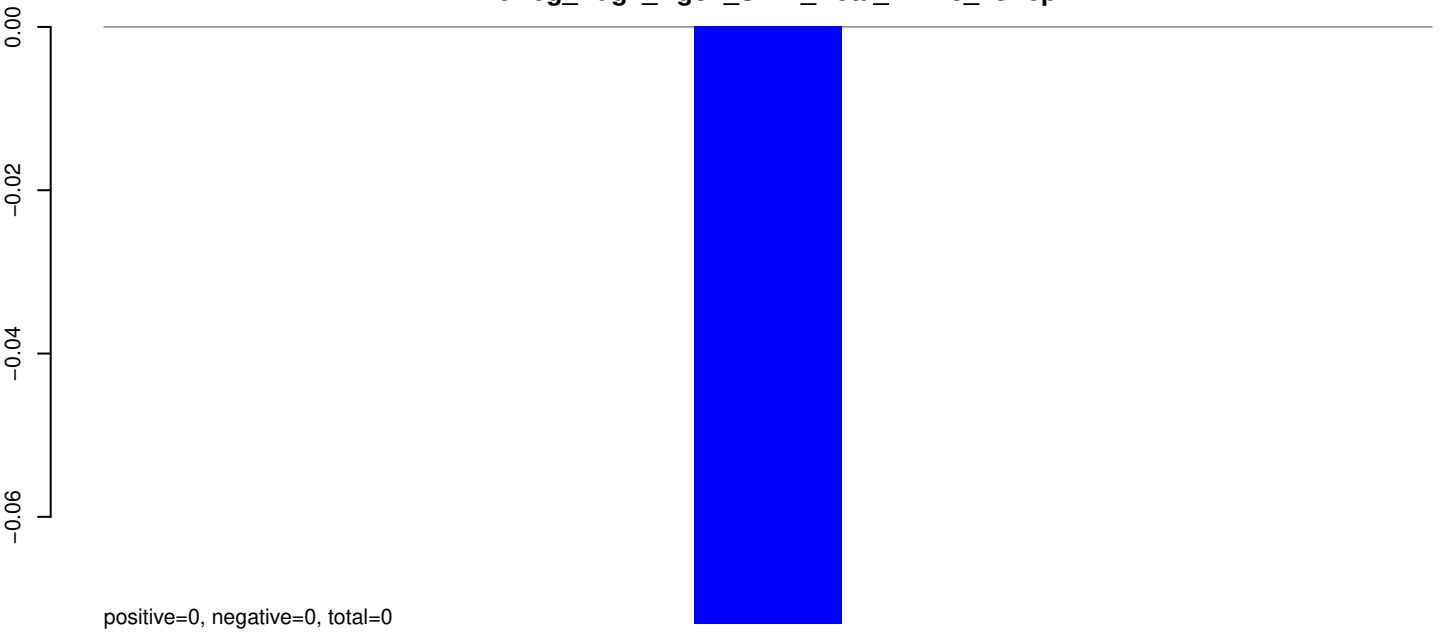
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



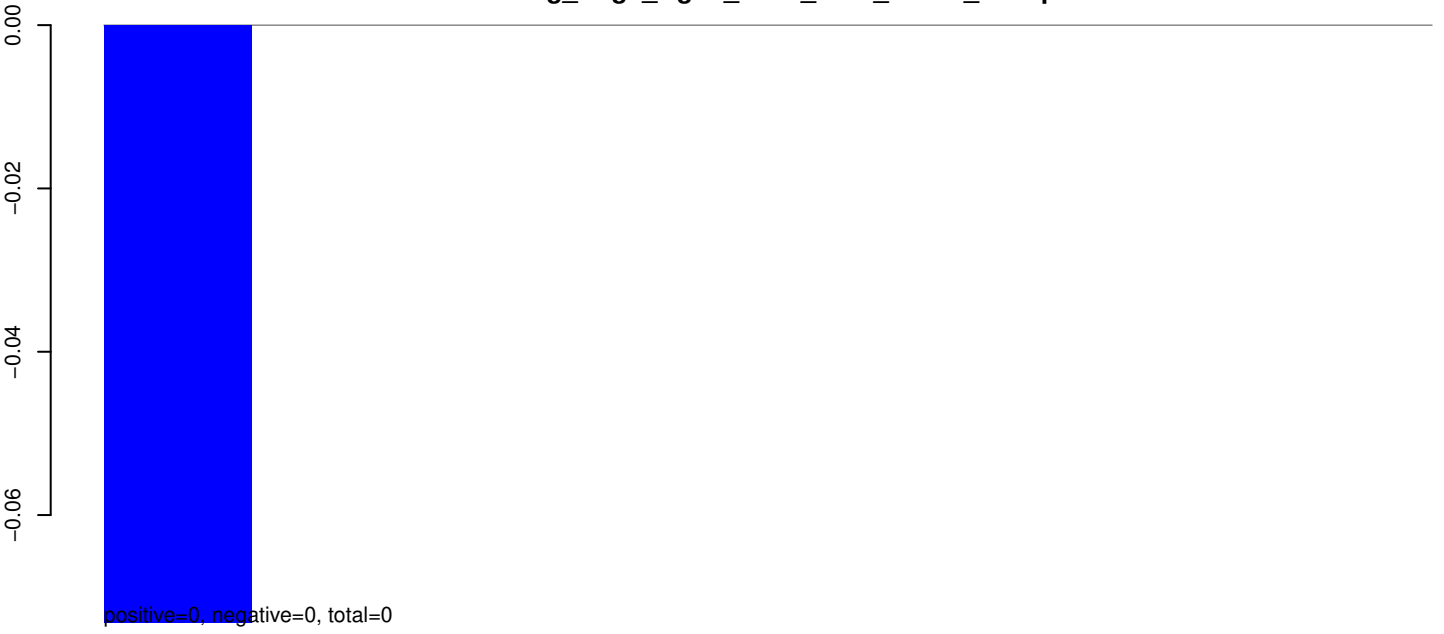
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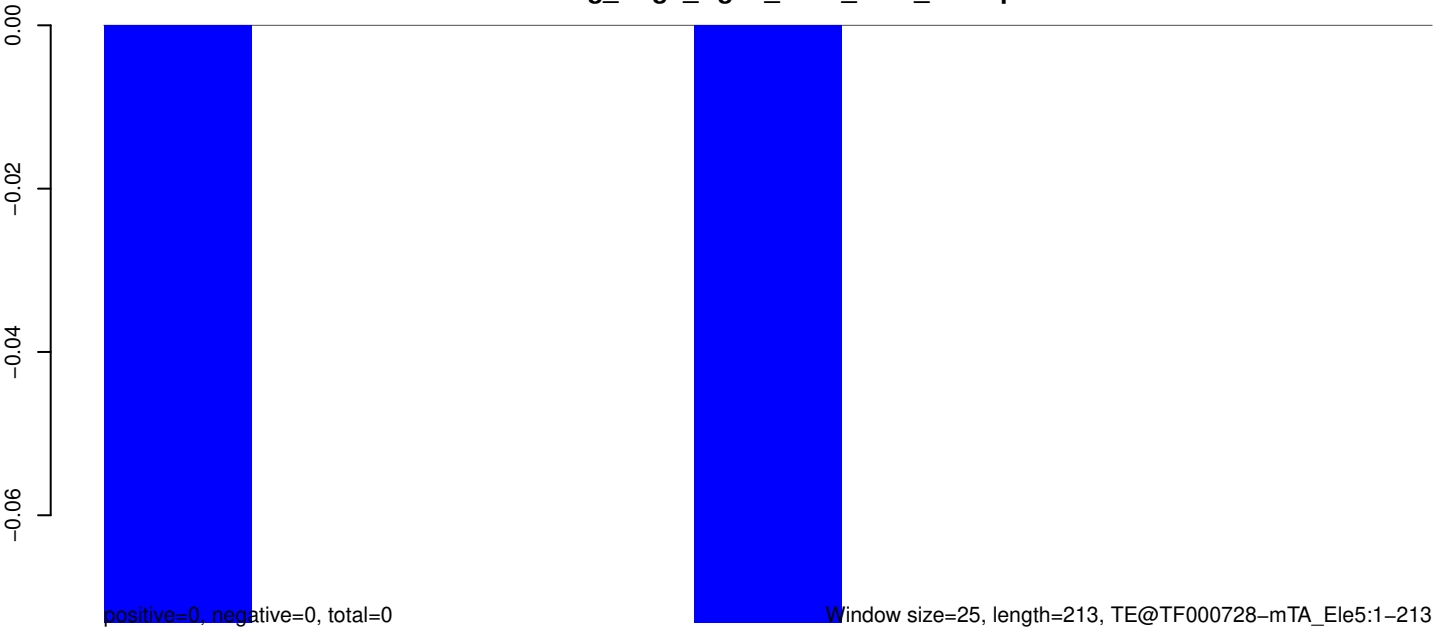
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

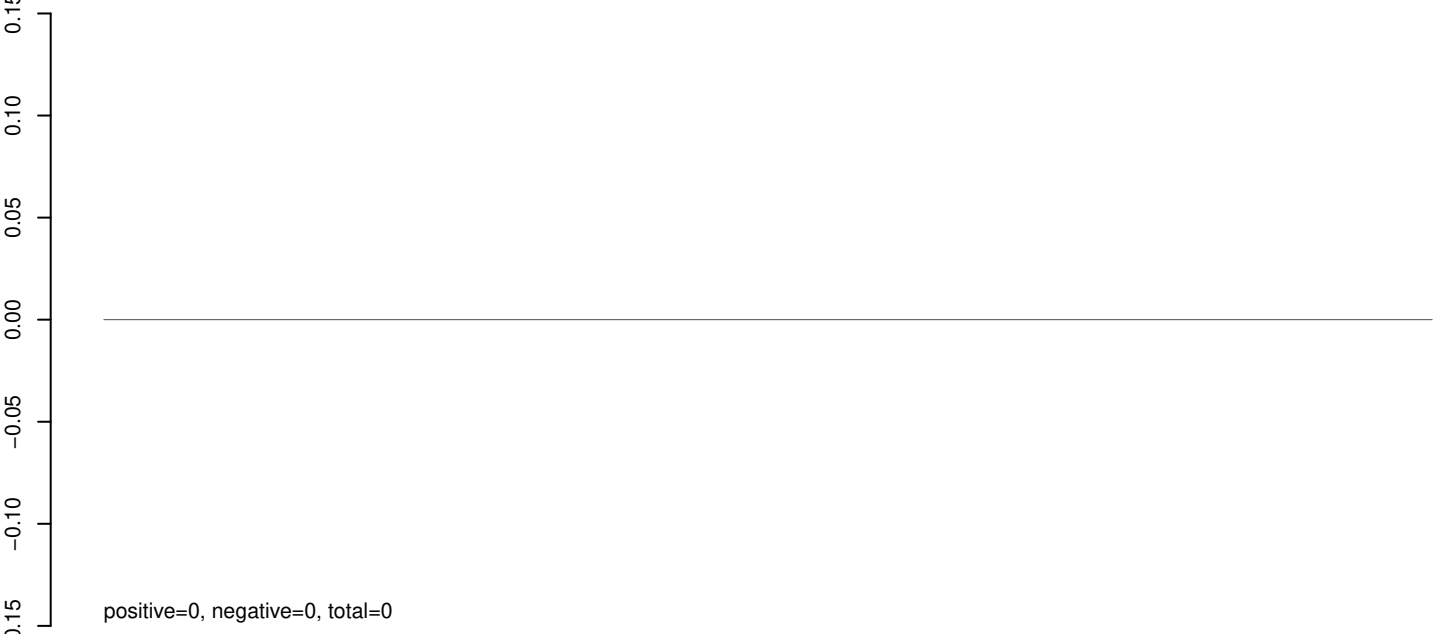


50 100 150 200 250

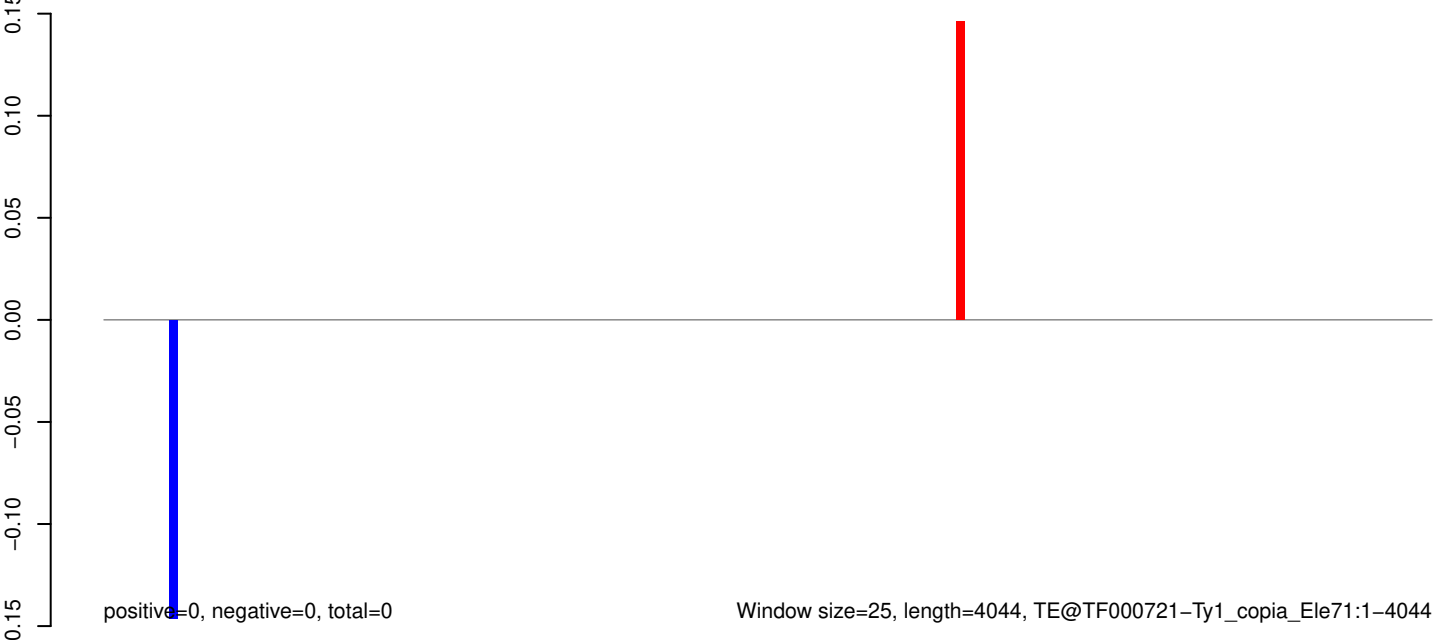
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



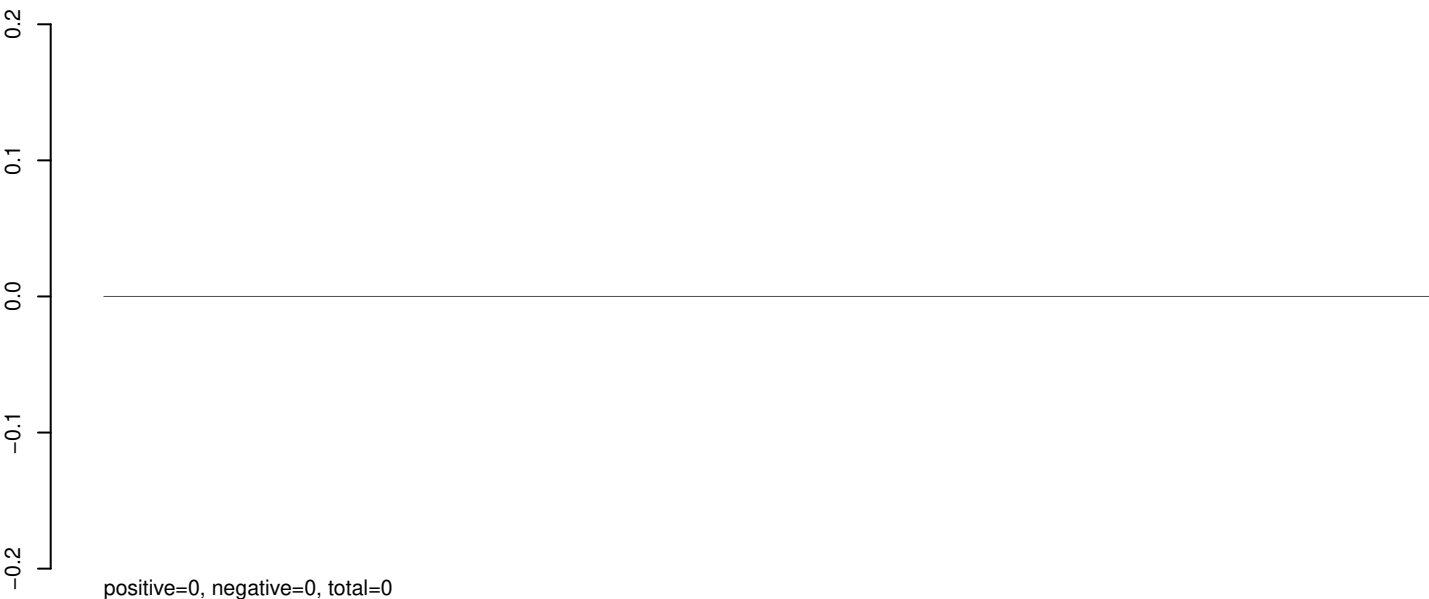
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



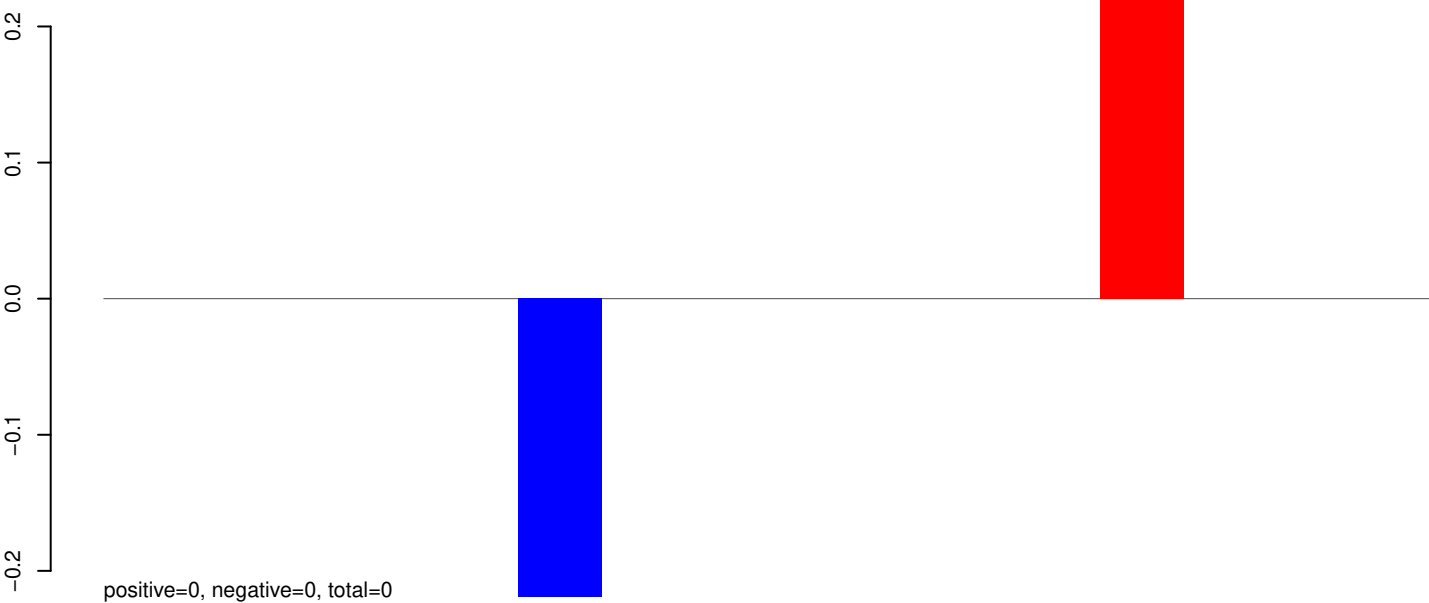
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



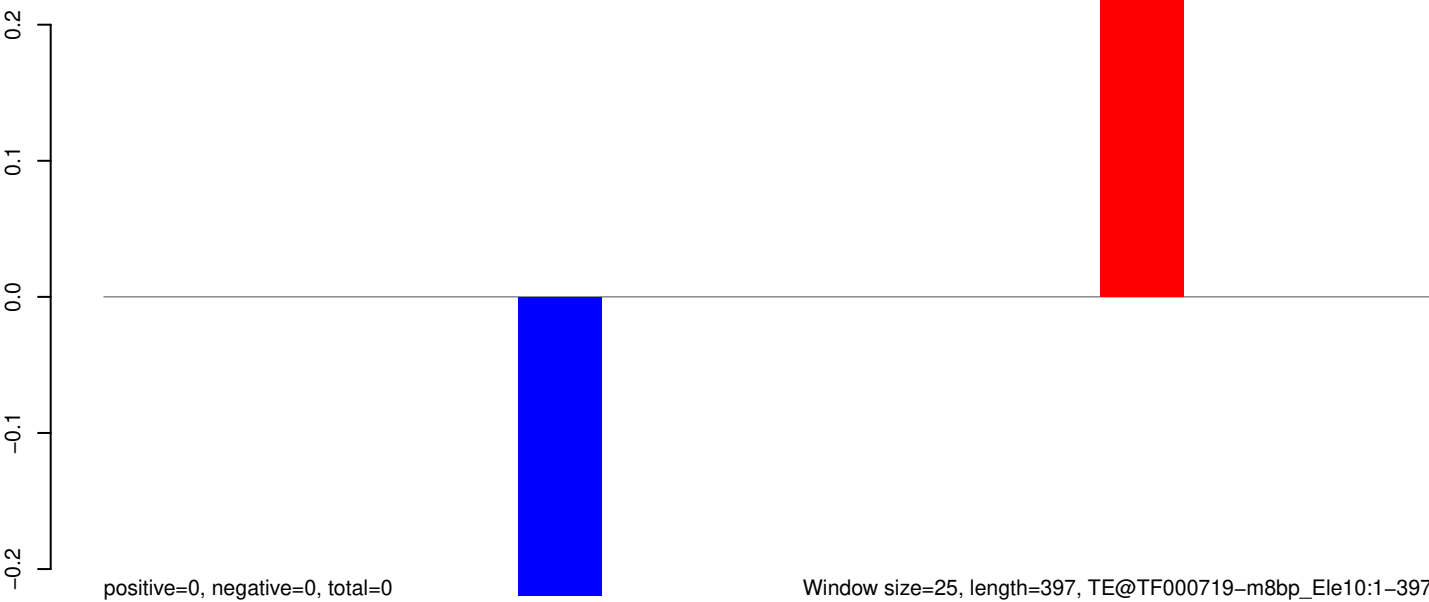
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



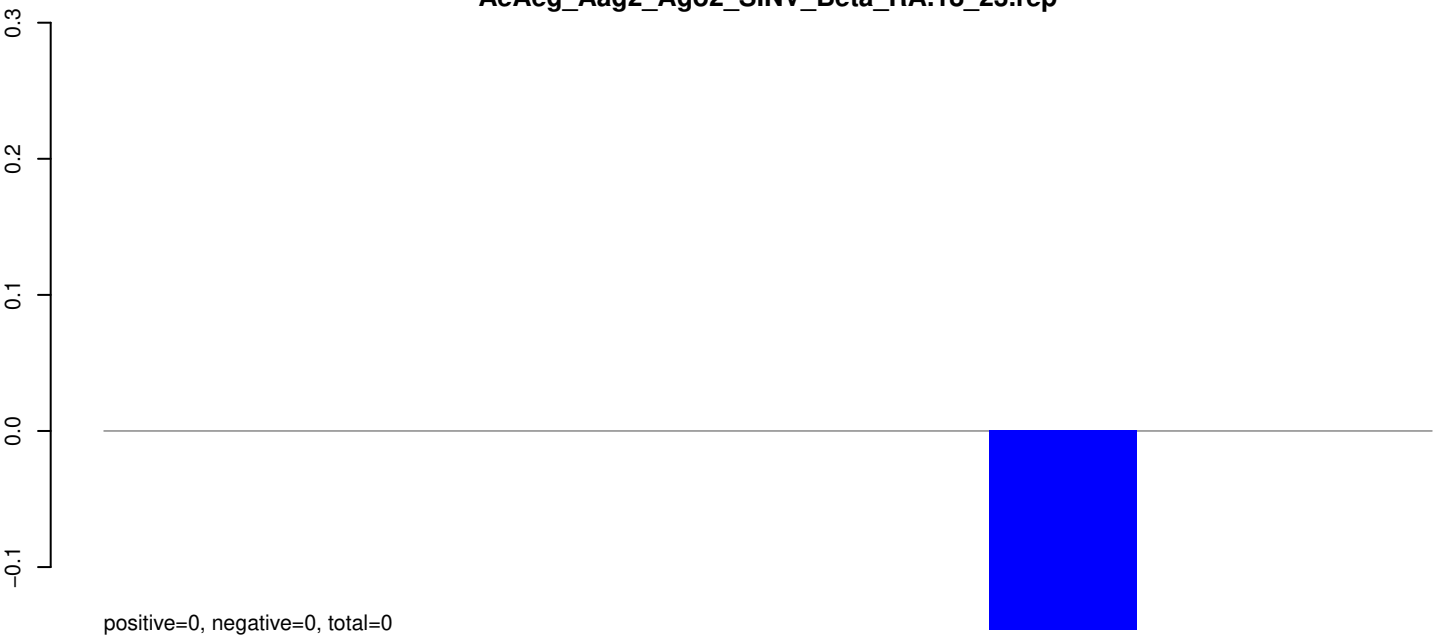
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



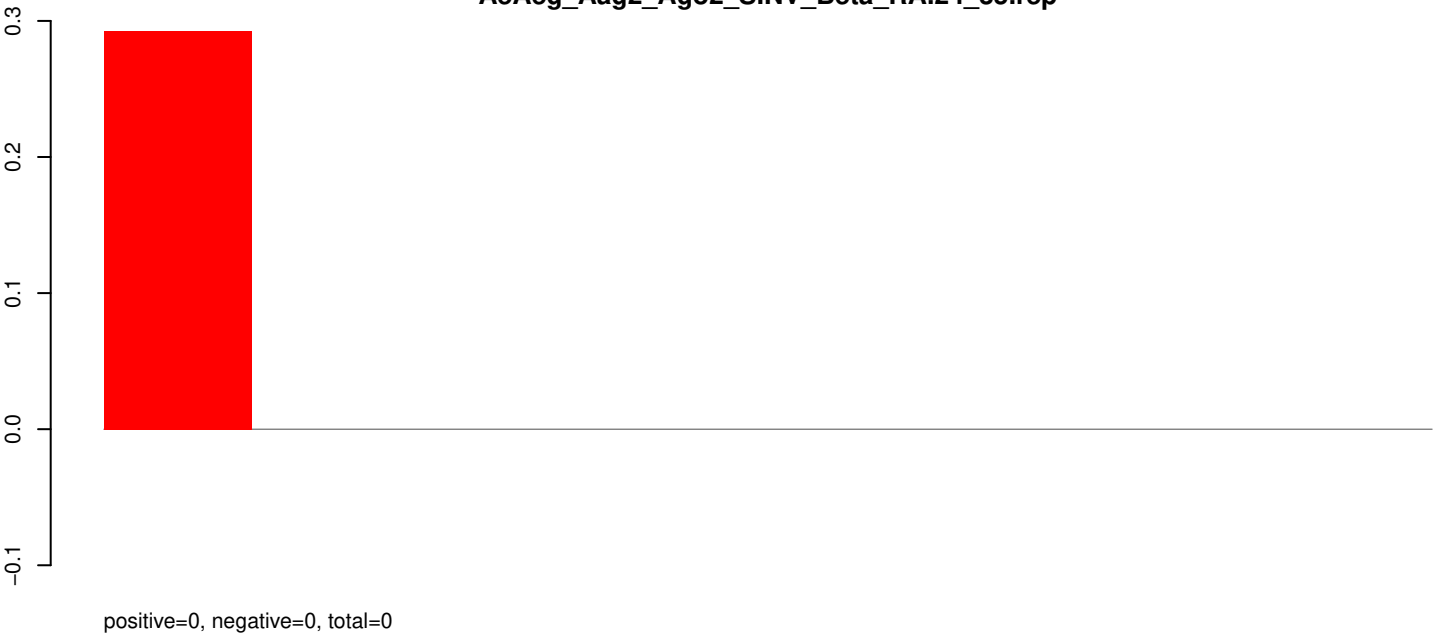
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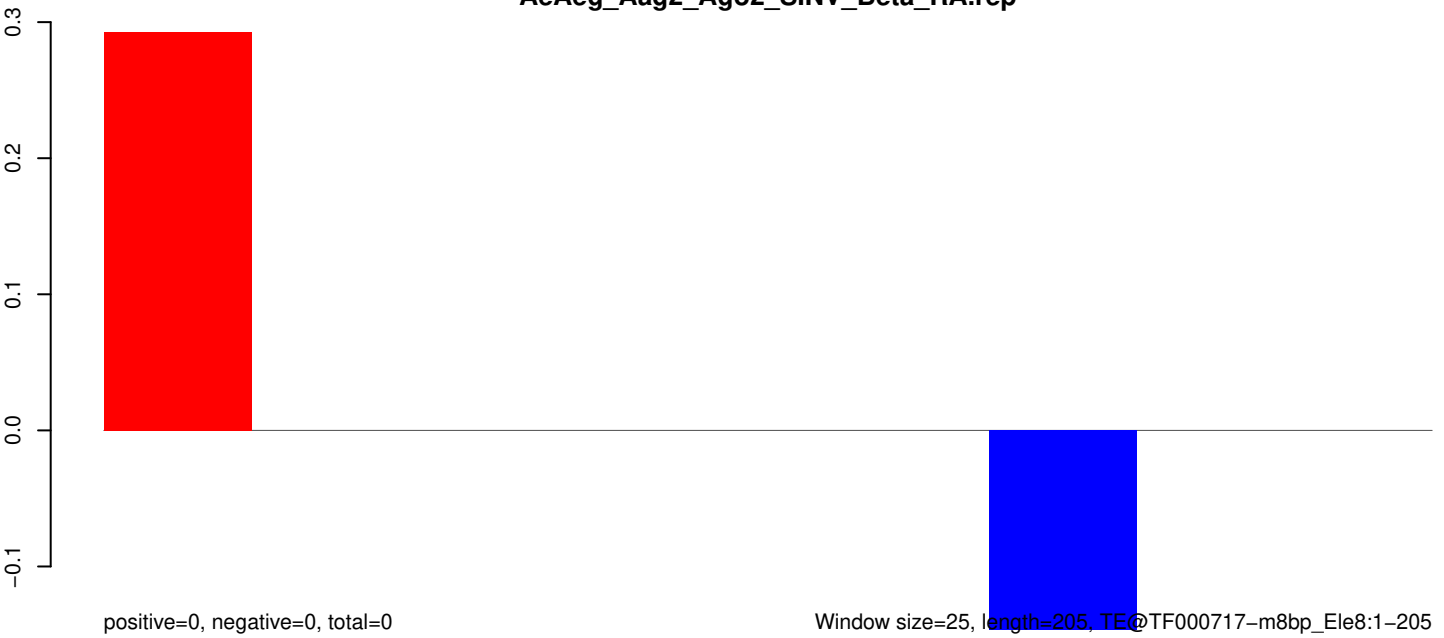
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

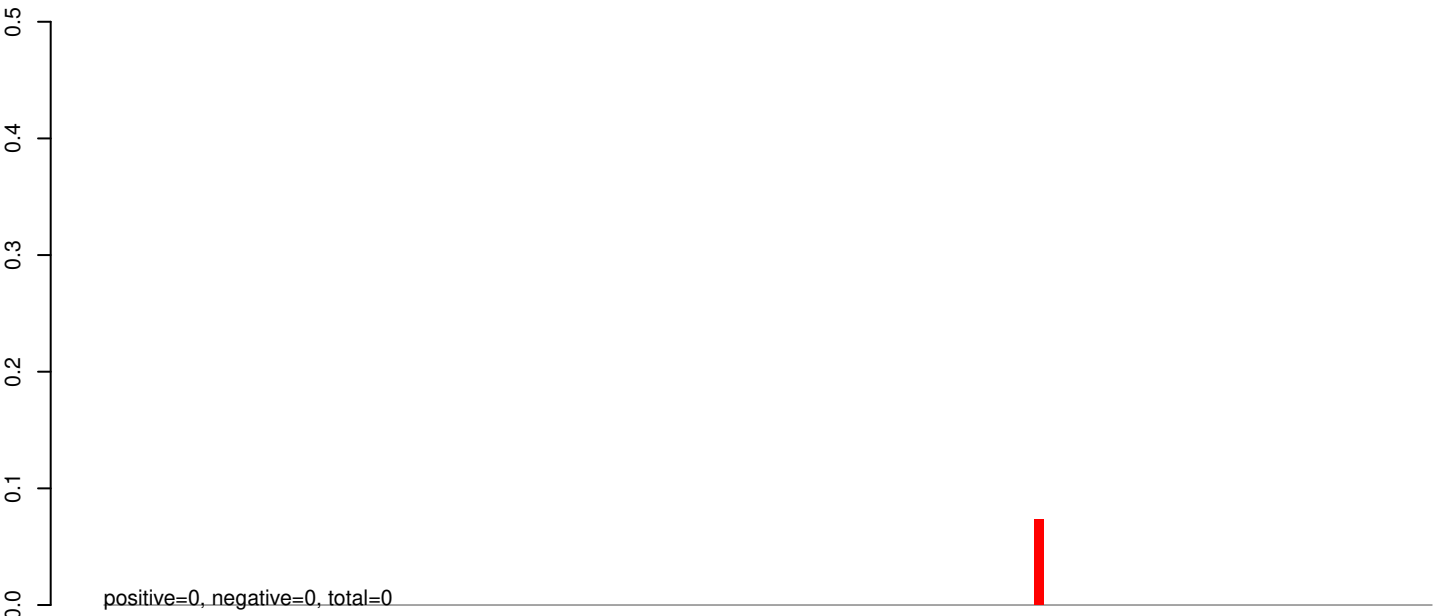


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

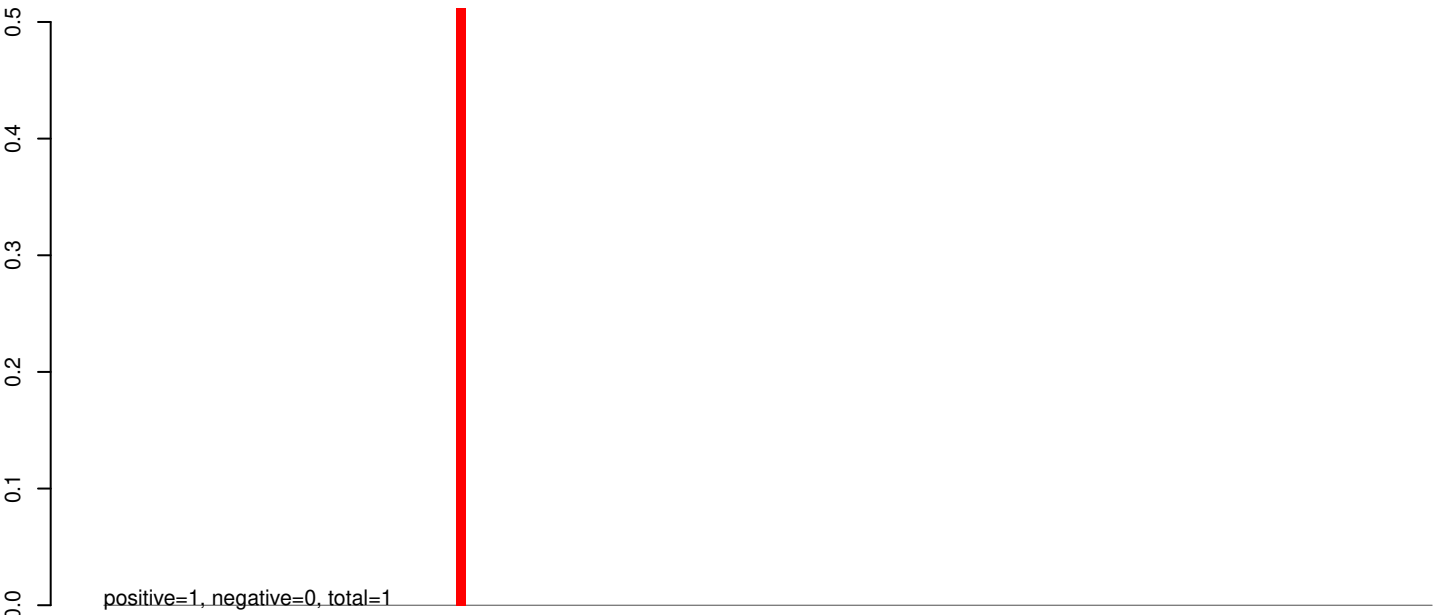


50 100 150 200 250

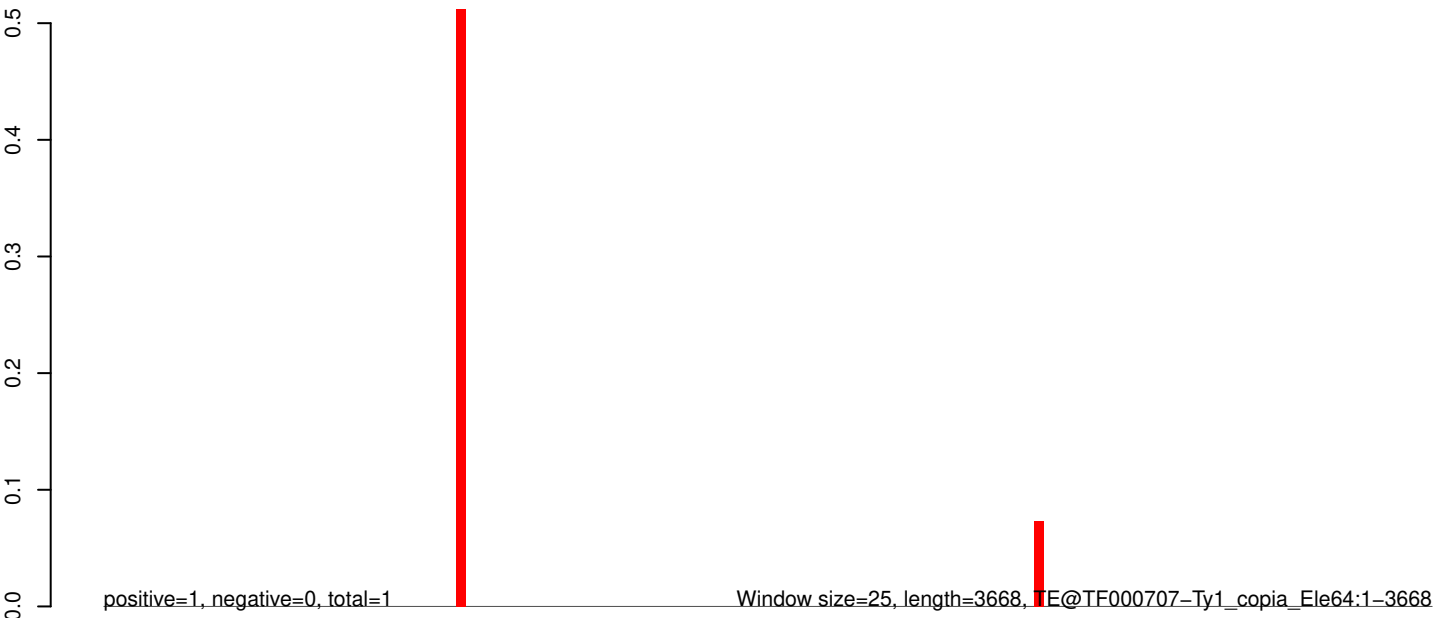
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

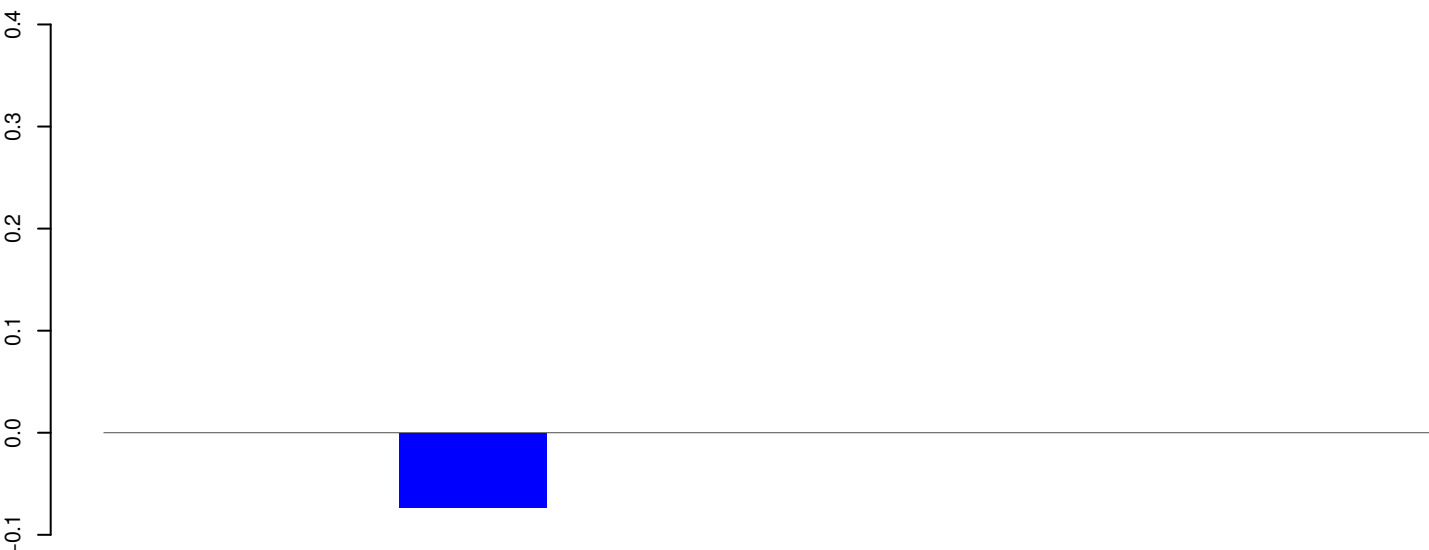


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



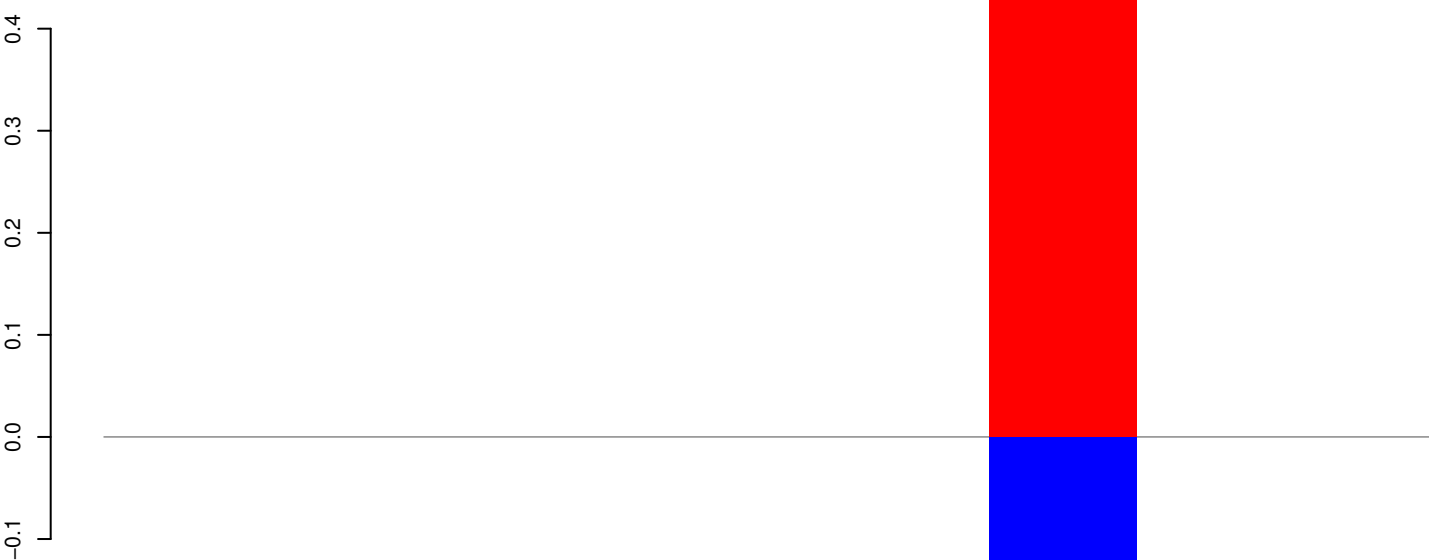
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



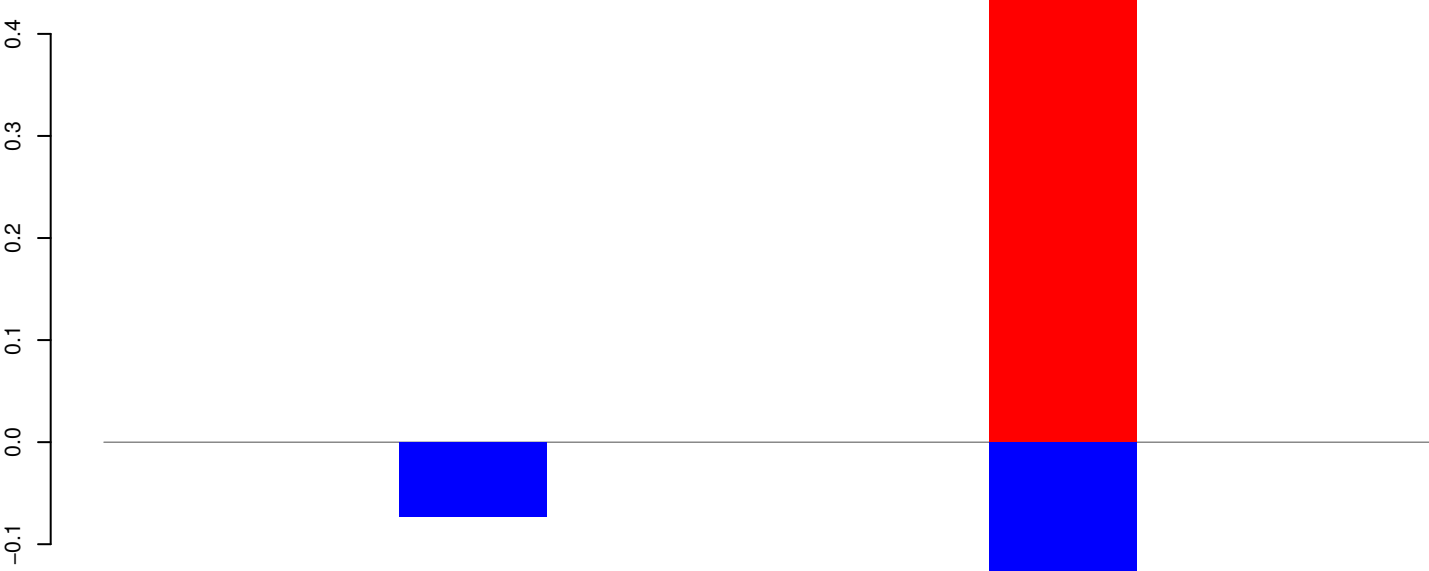
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

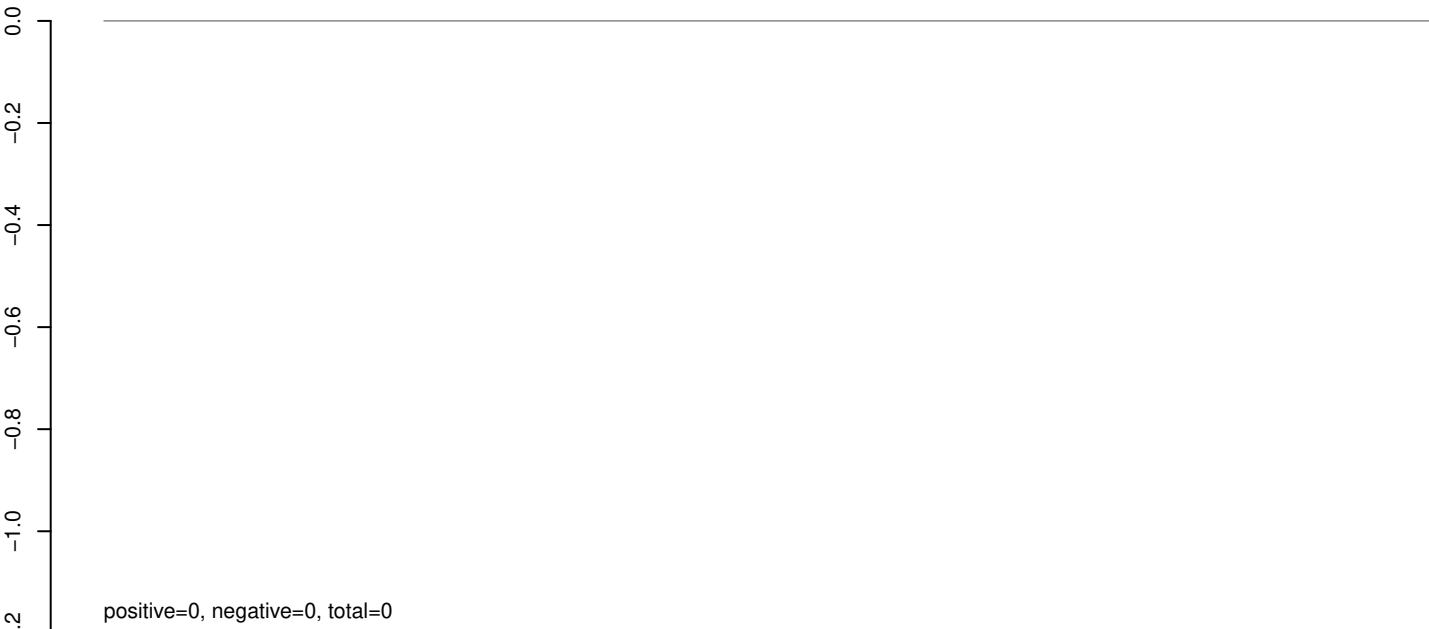


positive=0, negative=0, total=1

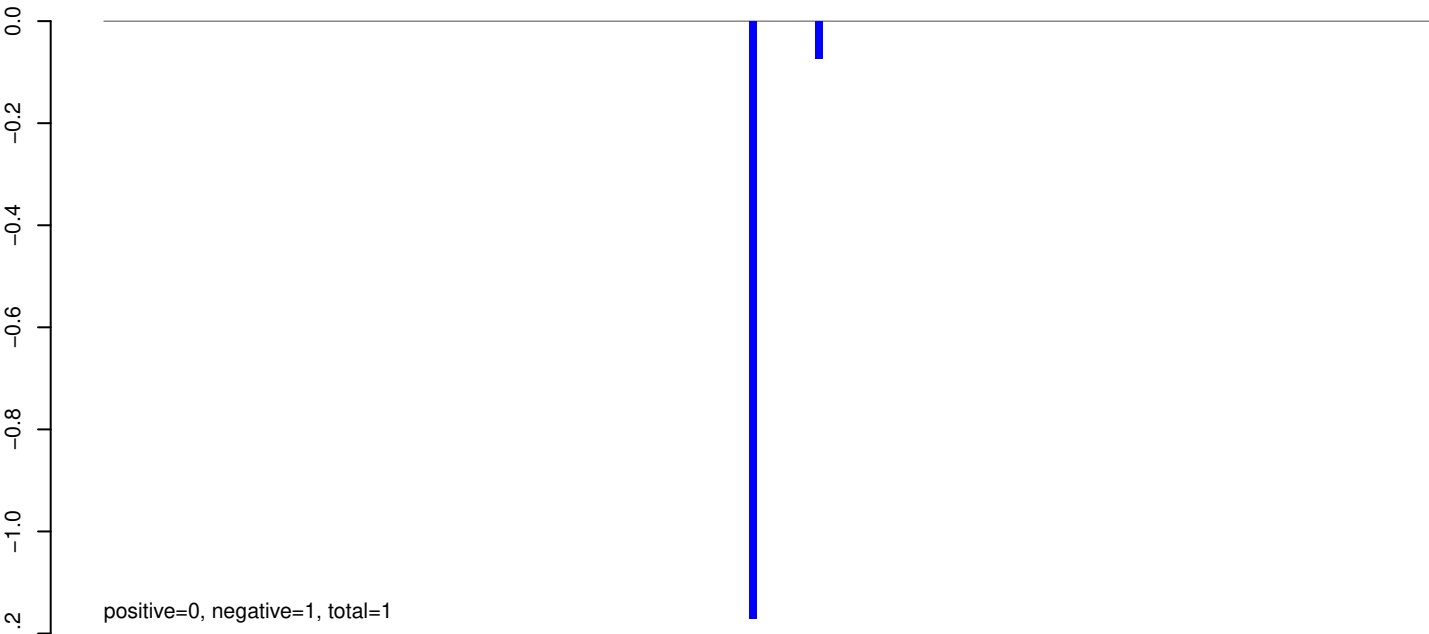
Window size=25, length=209, TE@TF000664-m3bp\_Ele1:1-209

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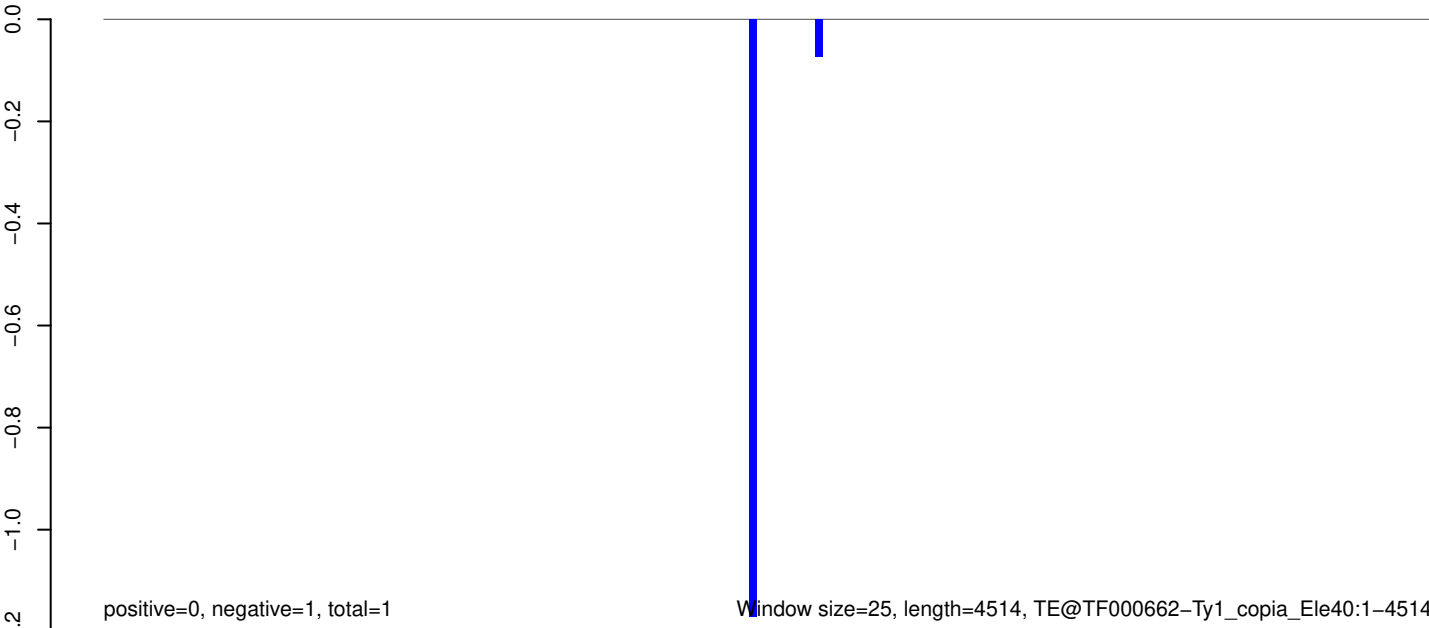
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



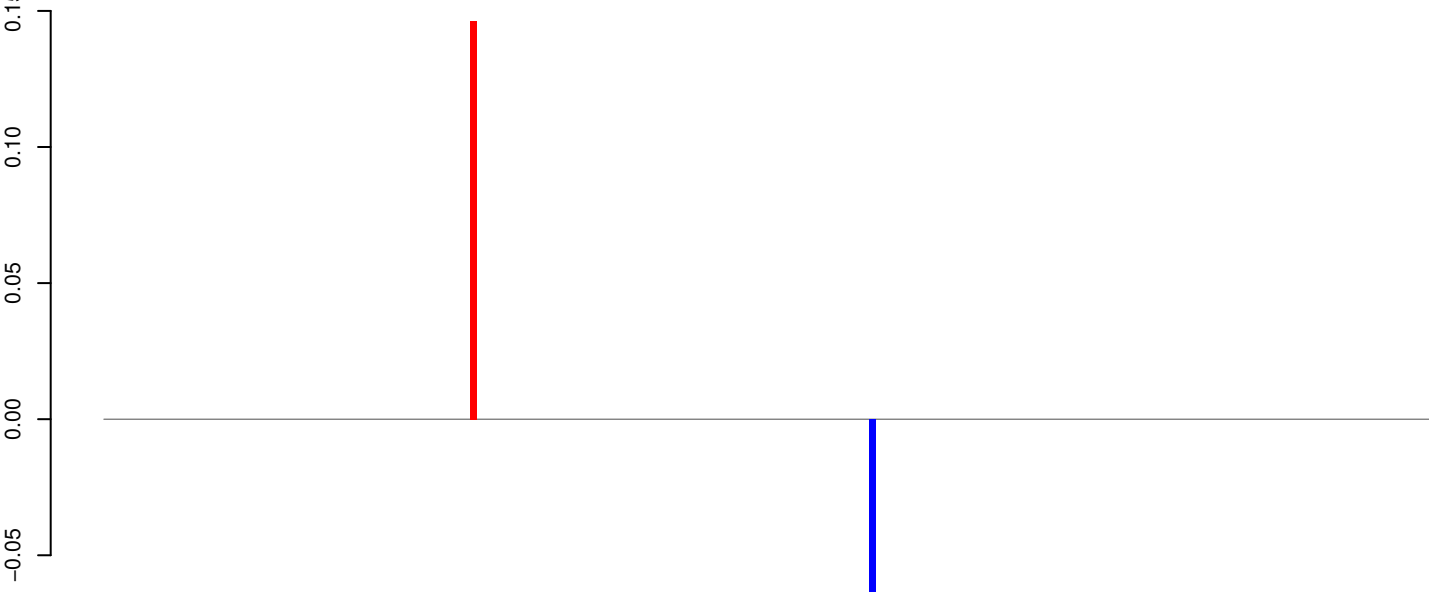


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



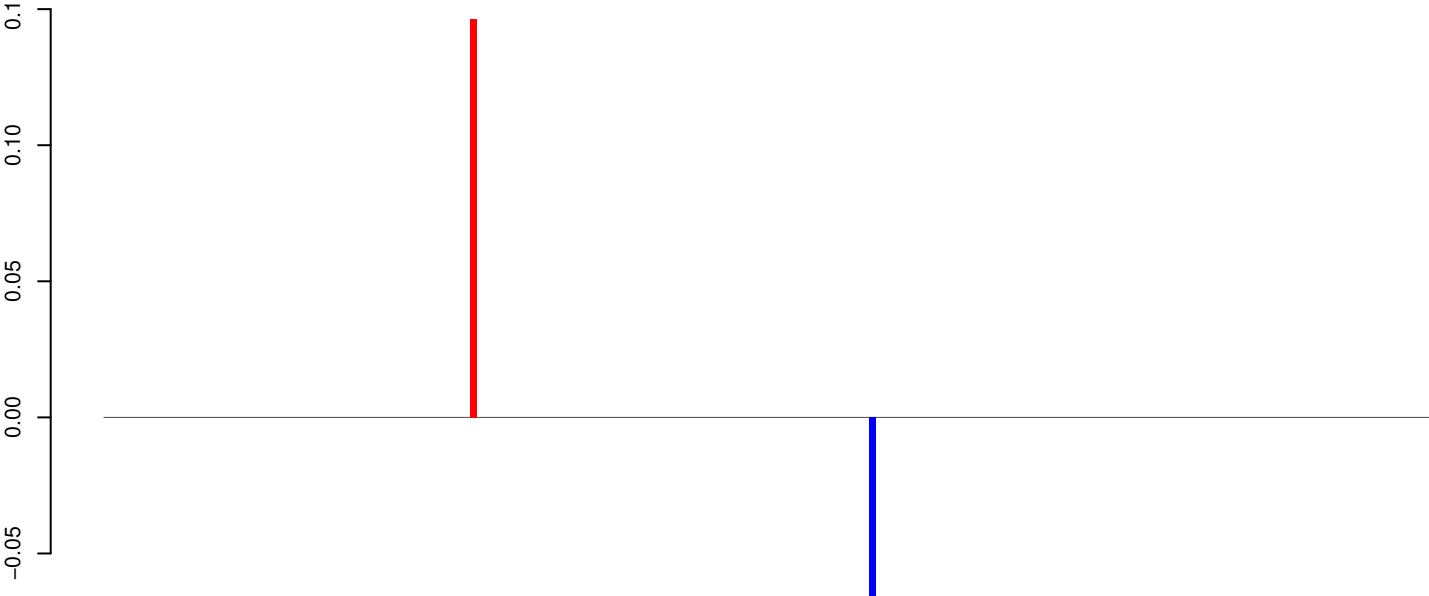
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

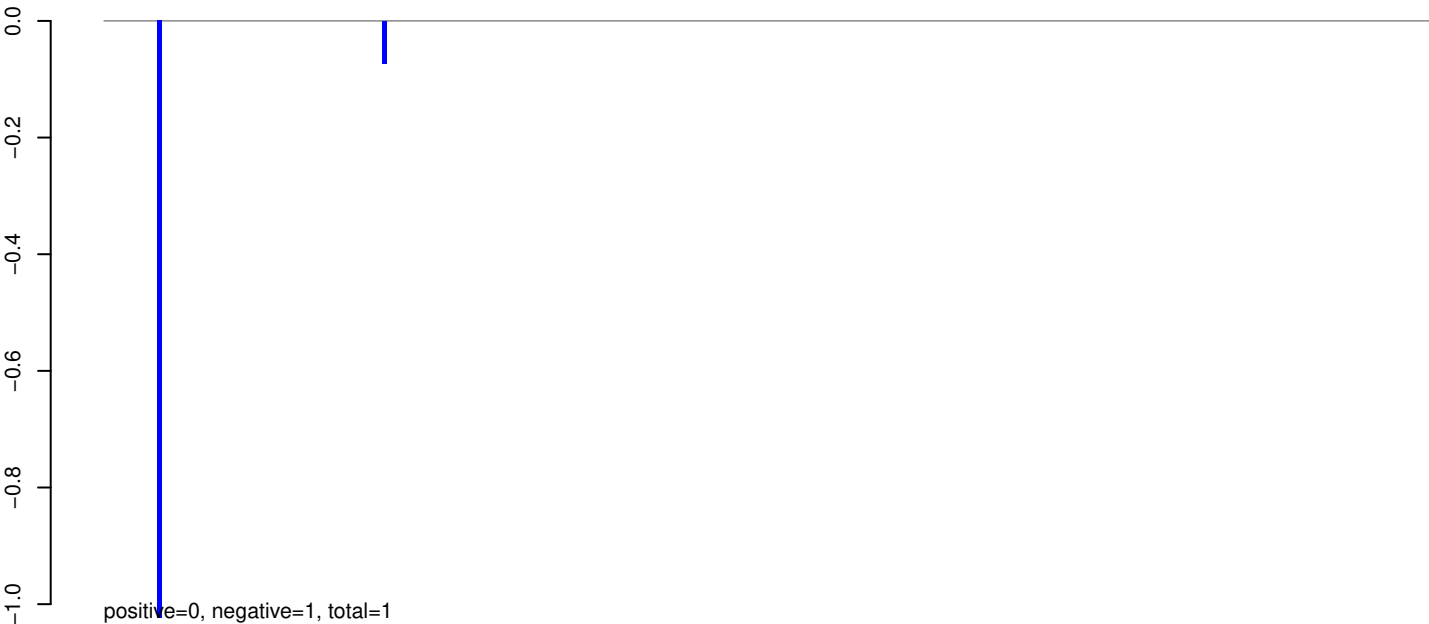


positive=0, negative=0, total=0

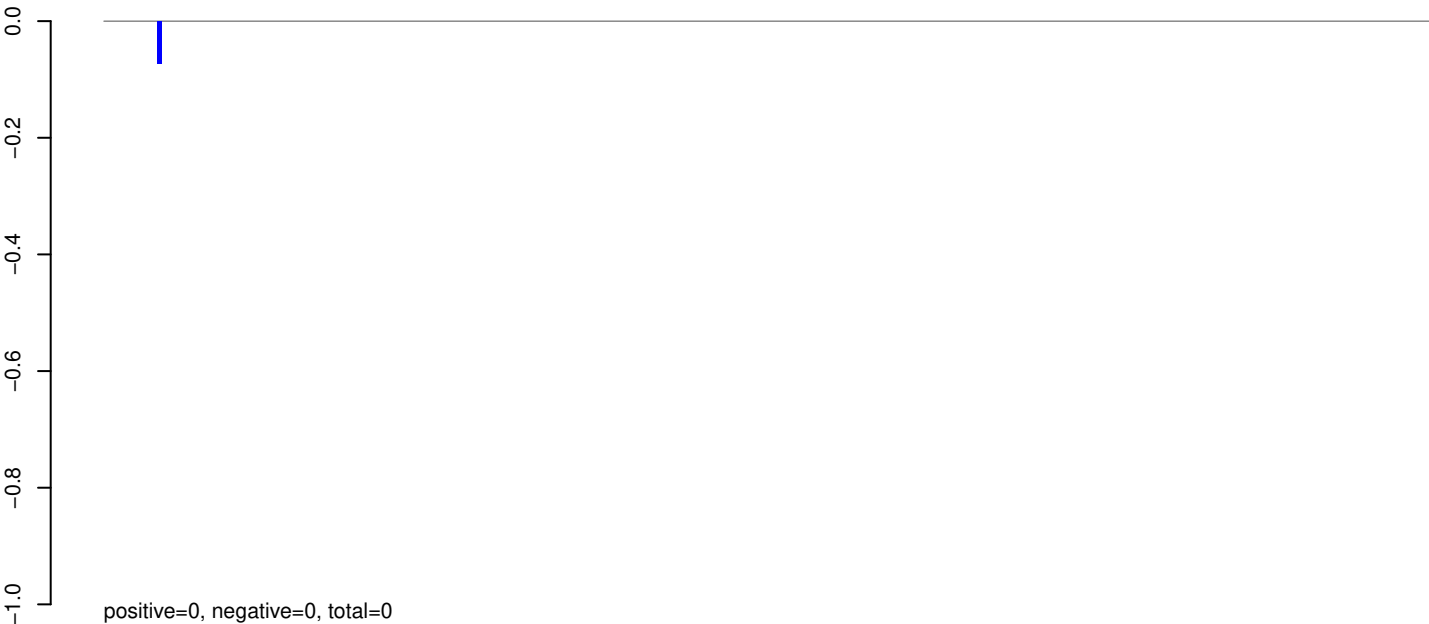
Window size=25, length=5246, TE@TF000621-Ty1\_copia\_Ele9:1-5246

0 1000 2000 3000 4000 5000

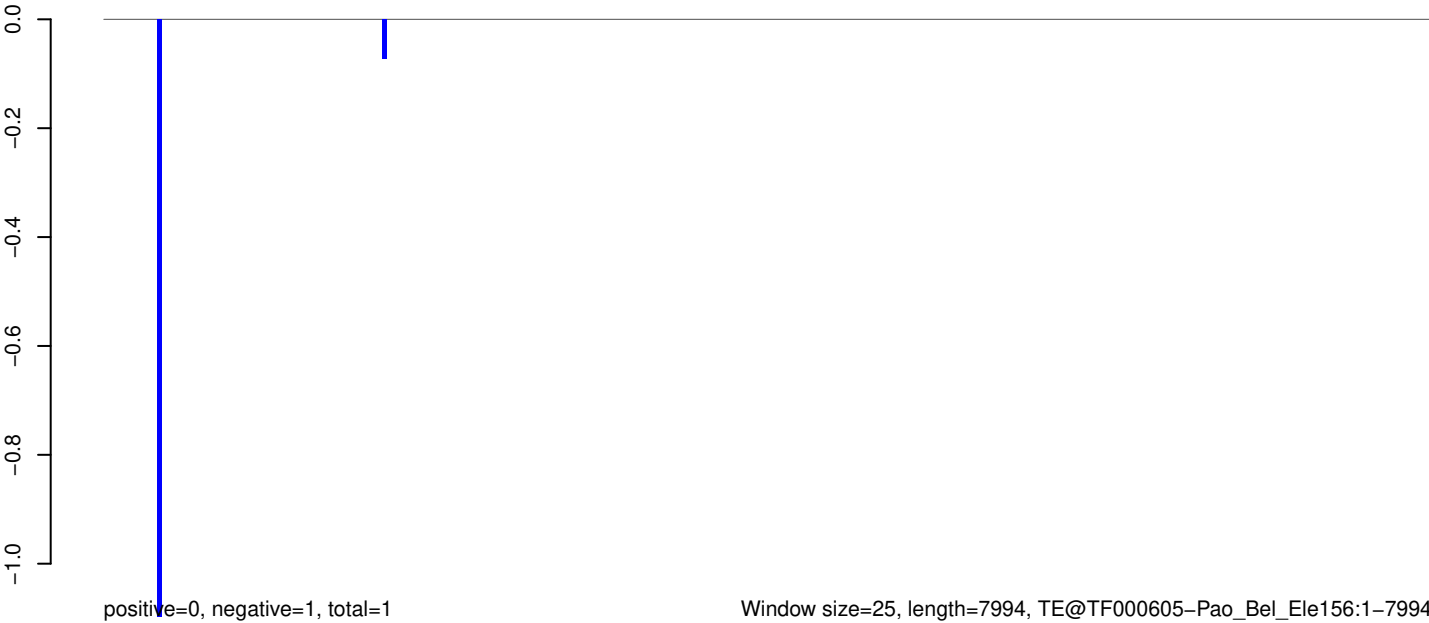
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



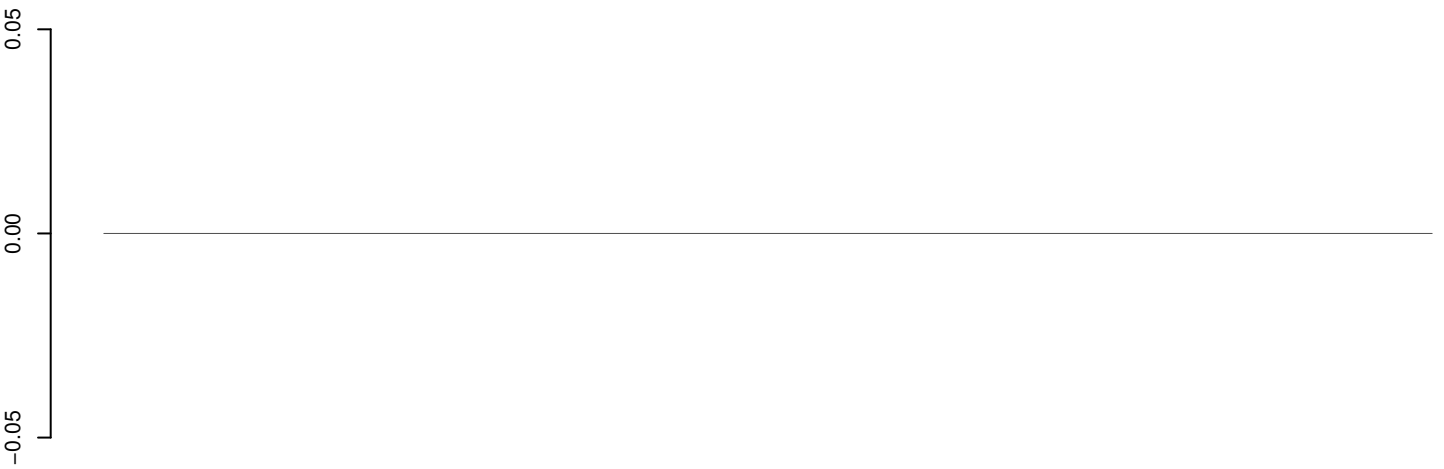
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

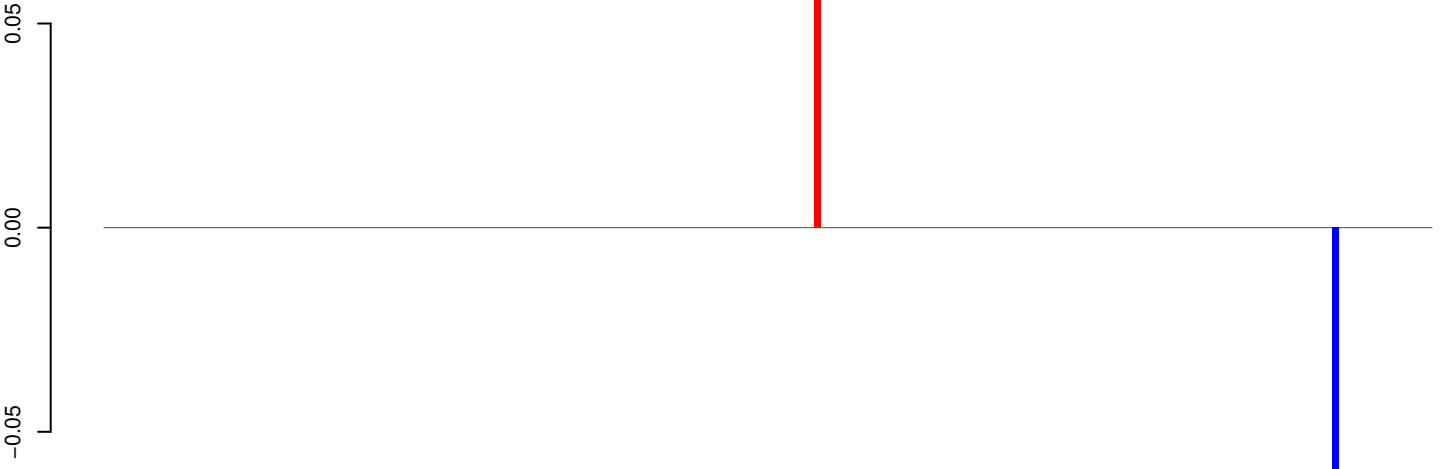


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



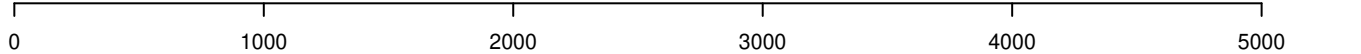
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

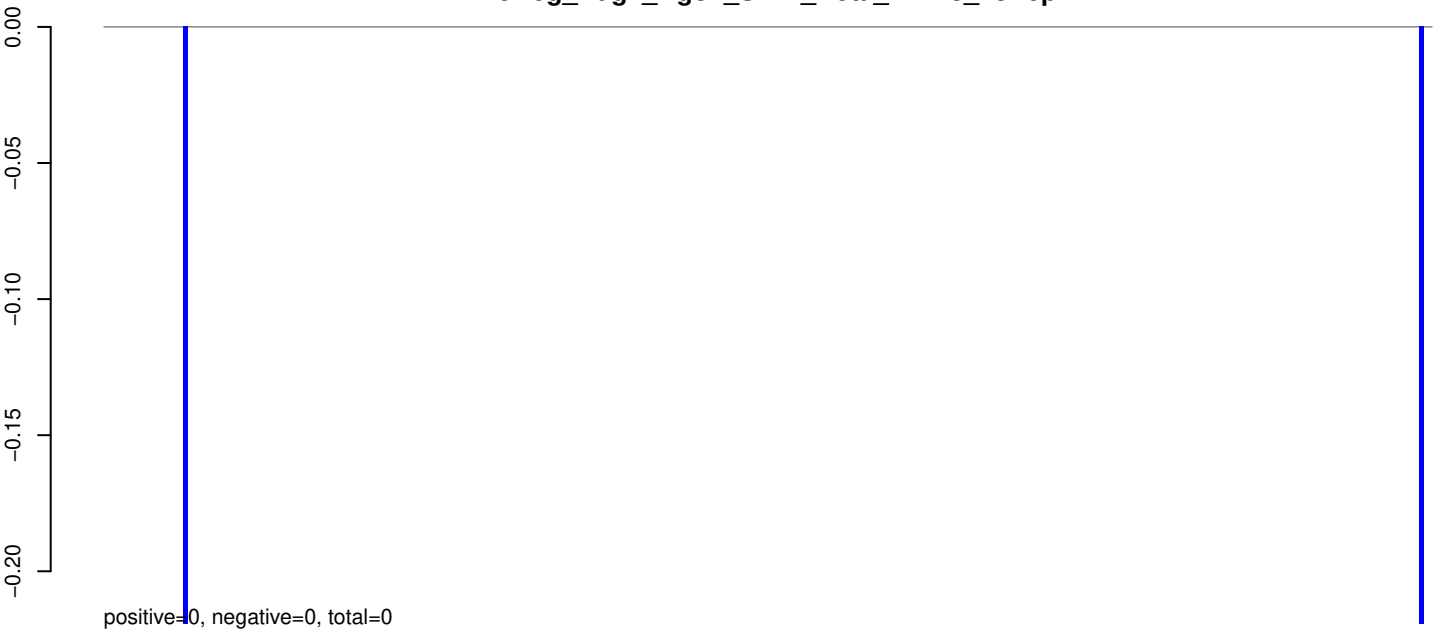


positive=0, negative=0, total=0

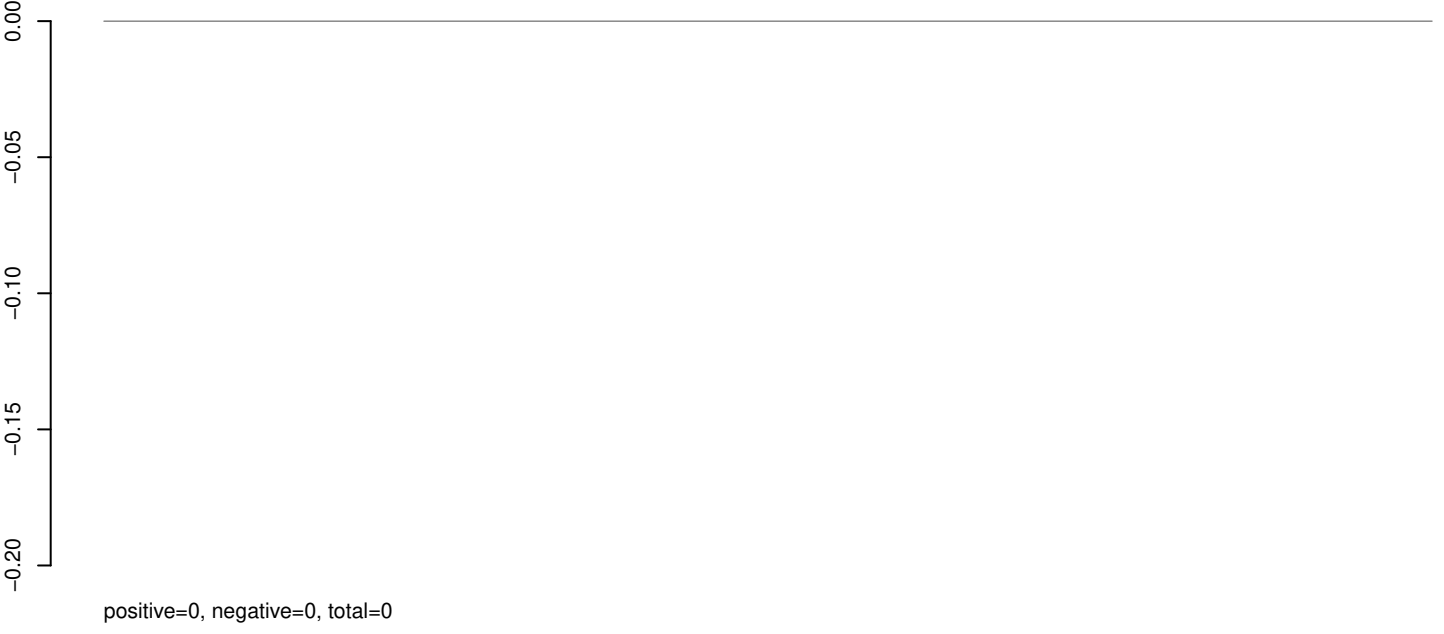
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

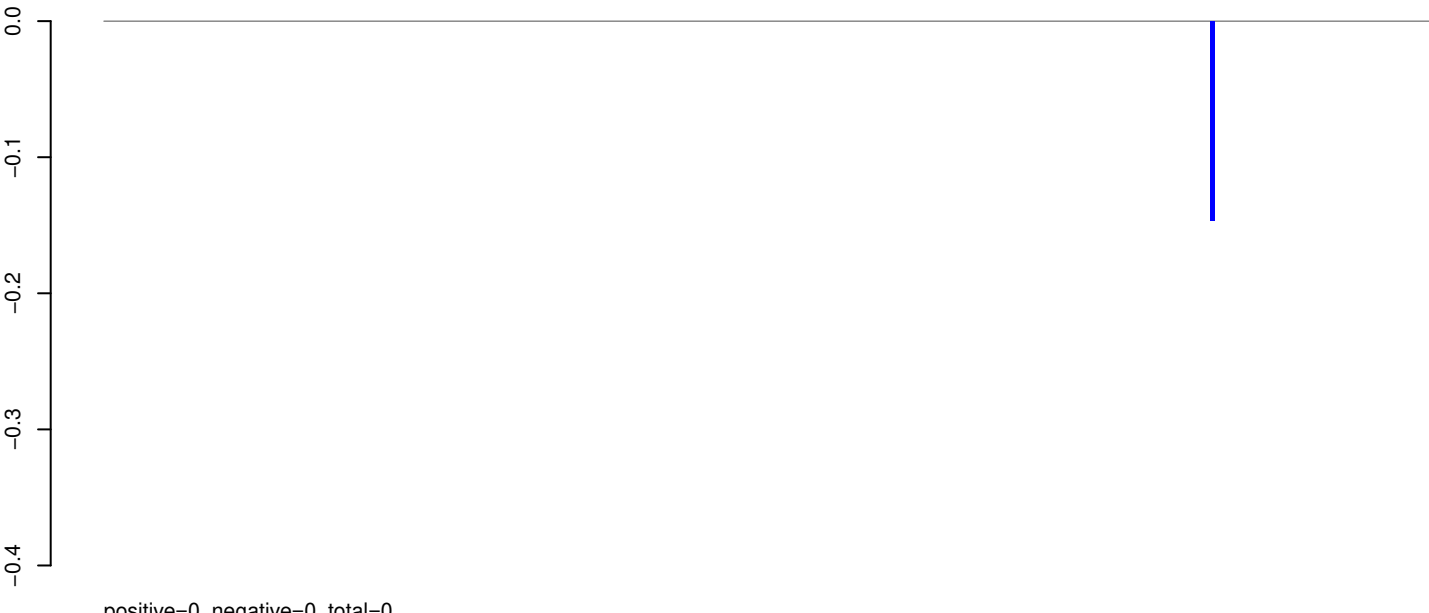


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



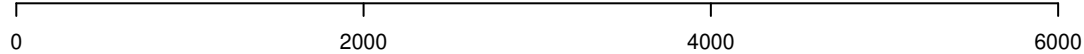
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=1, total=1

Window size=25, length=7639, TE@TF000303-Pao\_Bel\_Ele161:1-7639



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep

0.0  
-0.1  
-0.2  
-0.3

positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

0.0  
-0.1  
-0.2  
-0.3

positive=0, negative=1, total=1

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

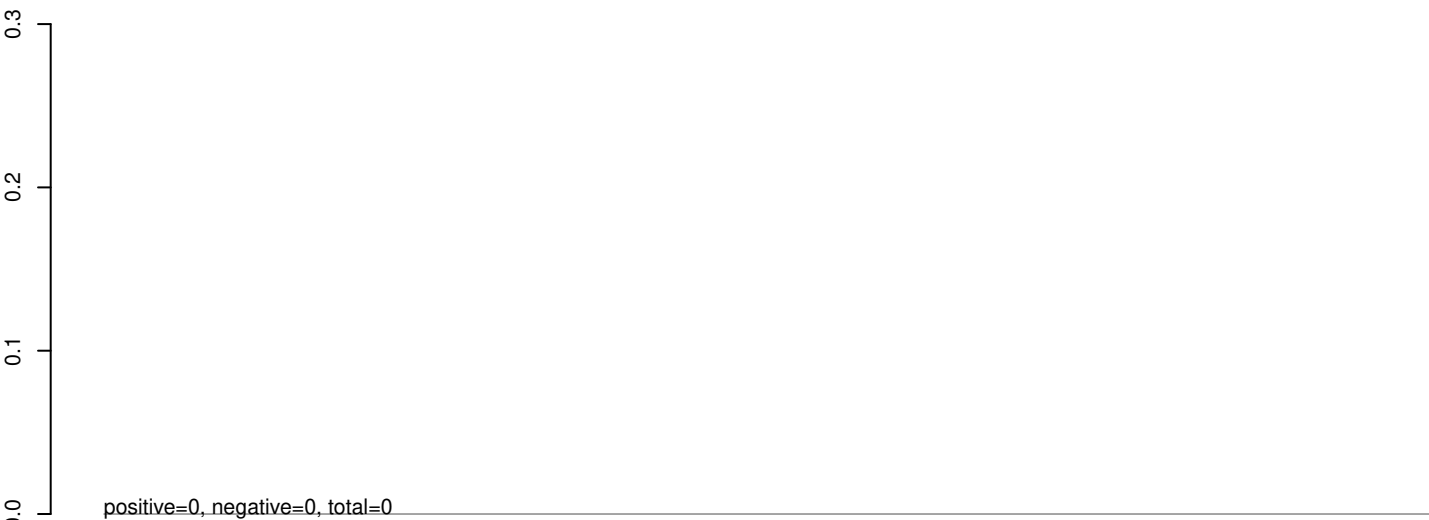
0.0  
-0.1  
-0.2  
-0.3

positive=0, negative=1, total=1

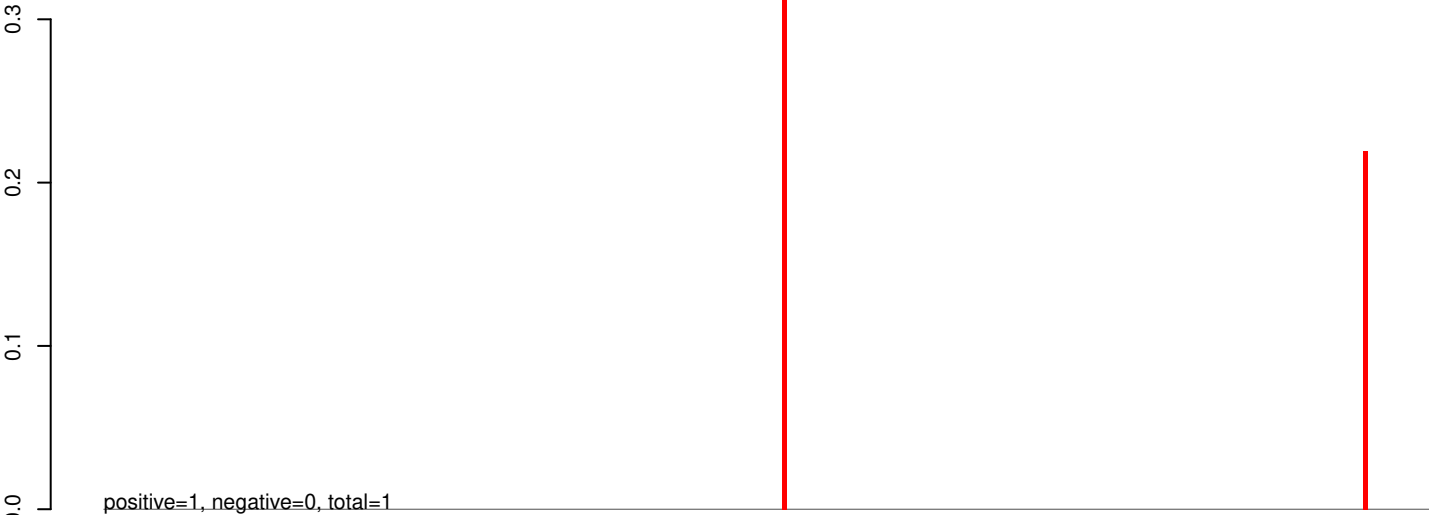
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0 1000 2000 3000

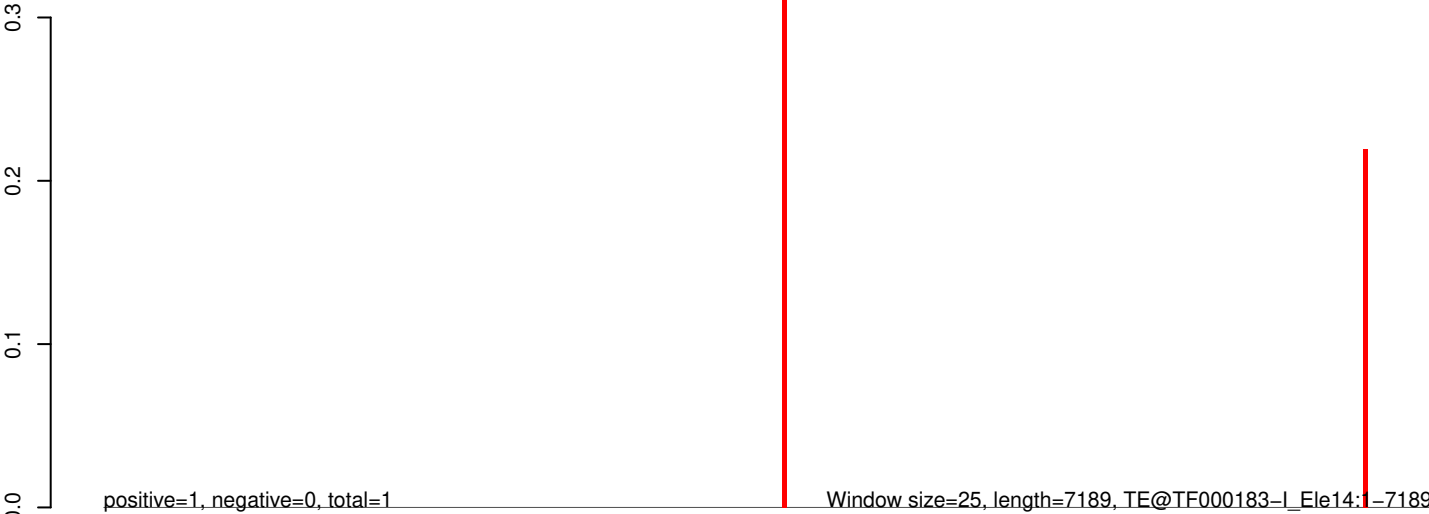
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

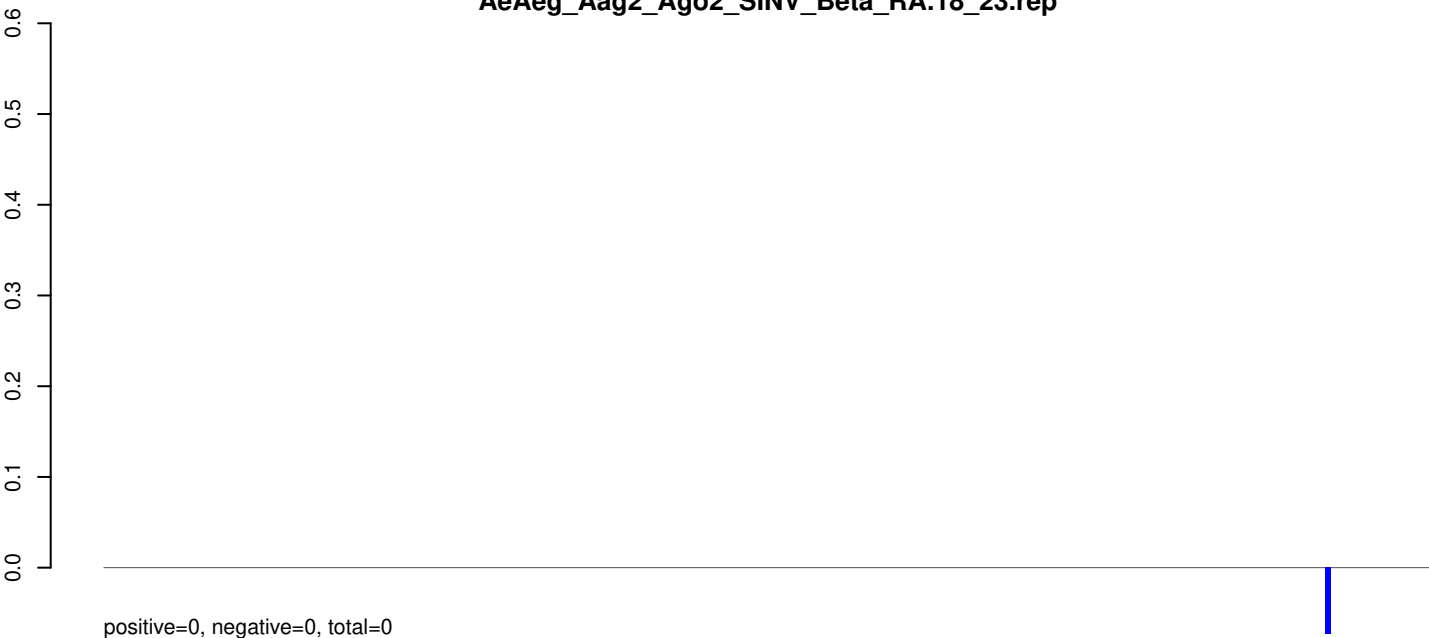


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



0 1000 2000 3000 4000 5000 6000 7000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



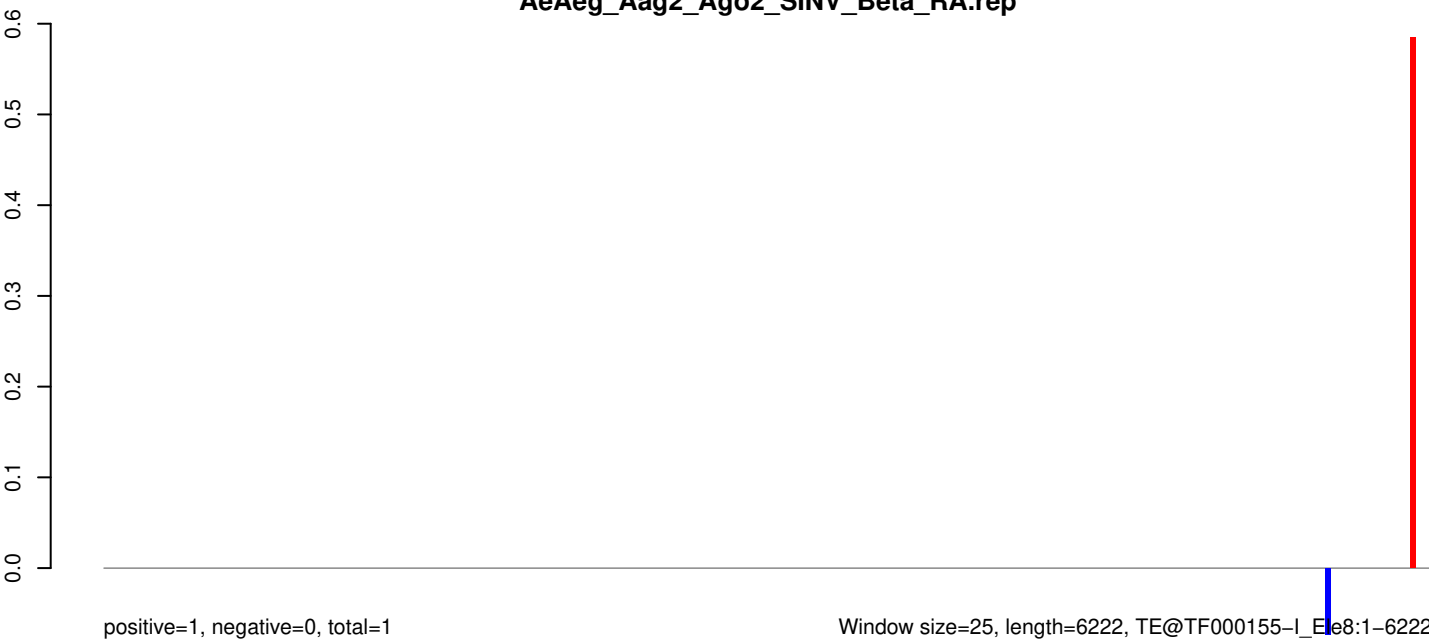
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=1, negative=0, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



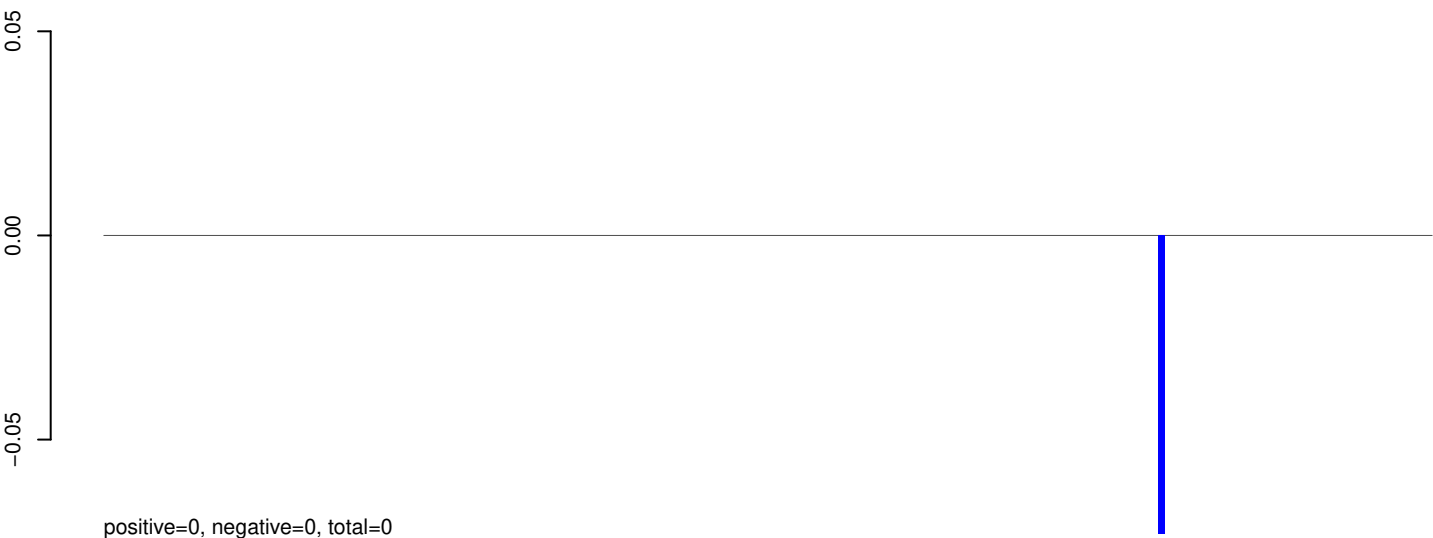
positive=1, negative=0, total=1

Window size=25, length=6222, TE@TF000155-I\_Ele8:1-6222

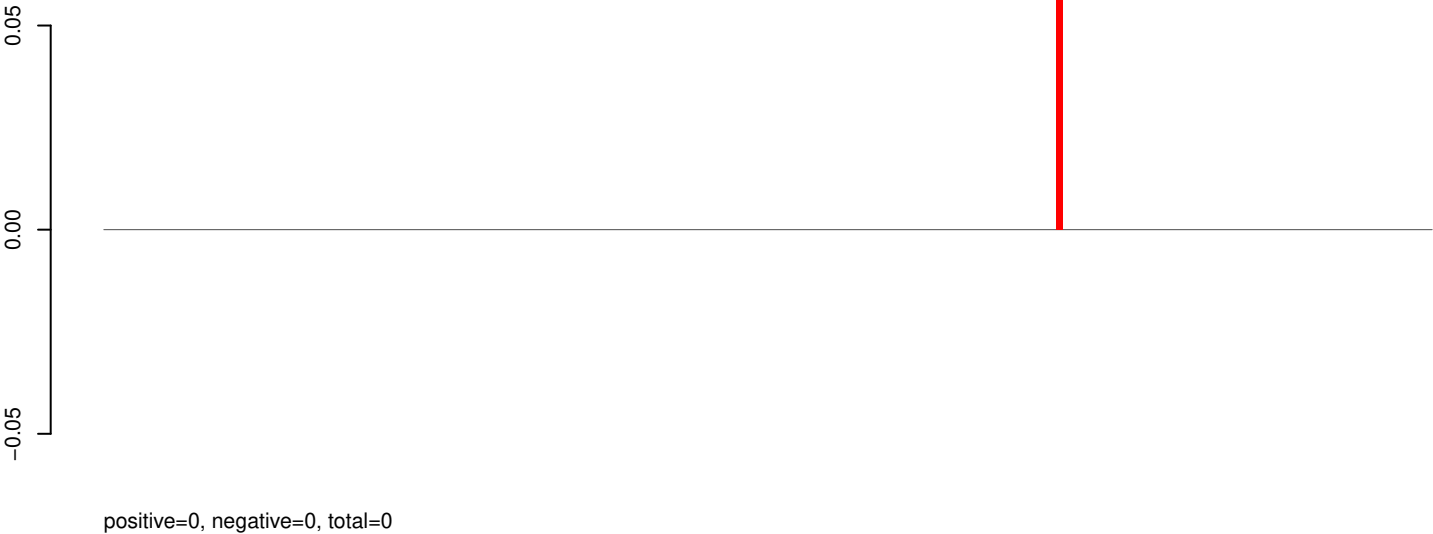
0 1000 2000 3000 4000 5000 6000



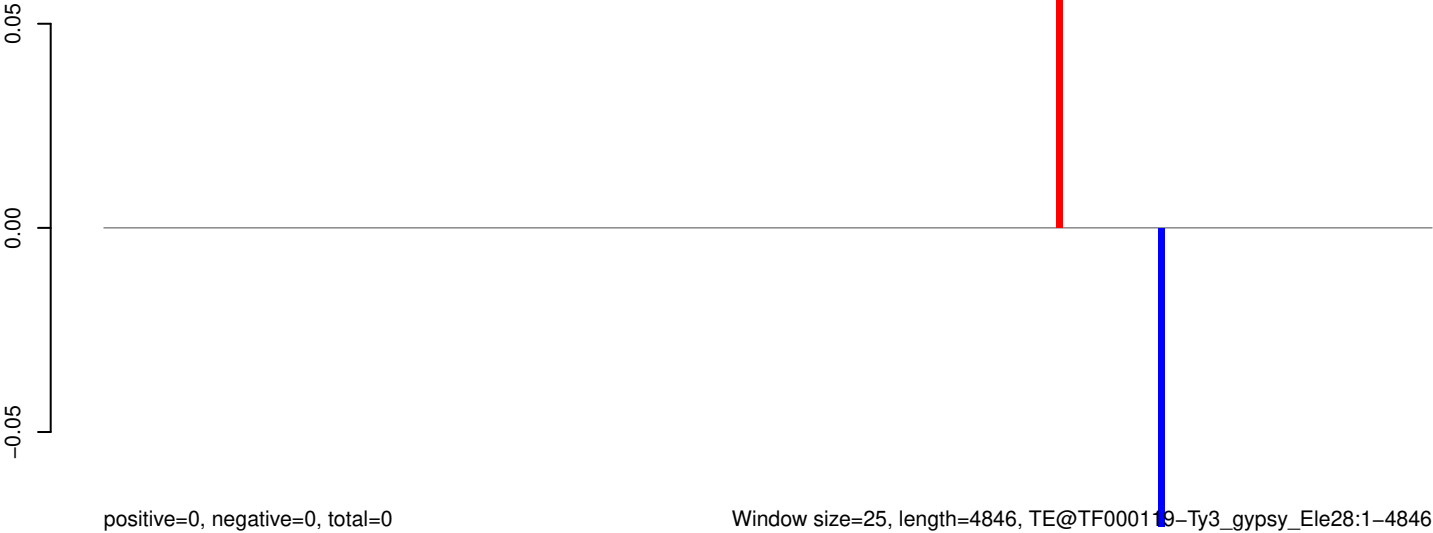
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



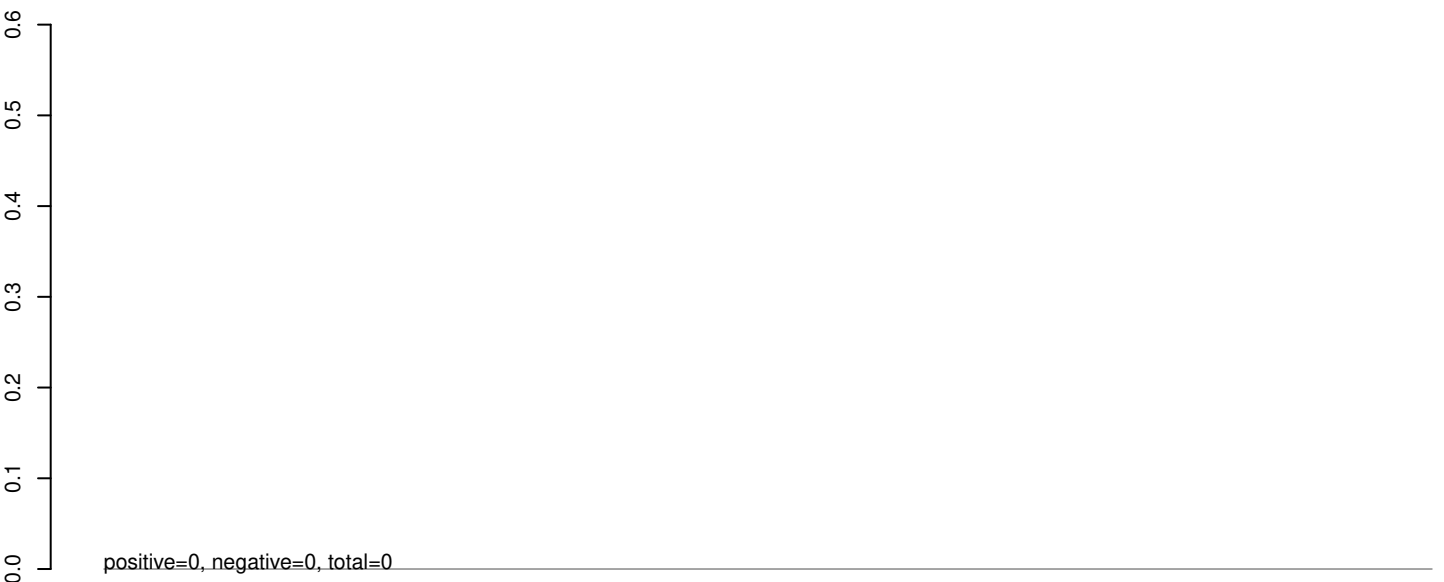
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



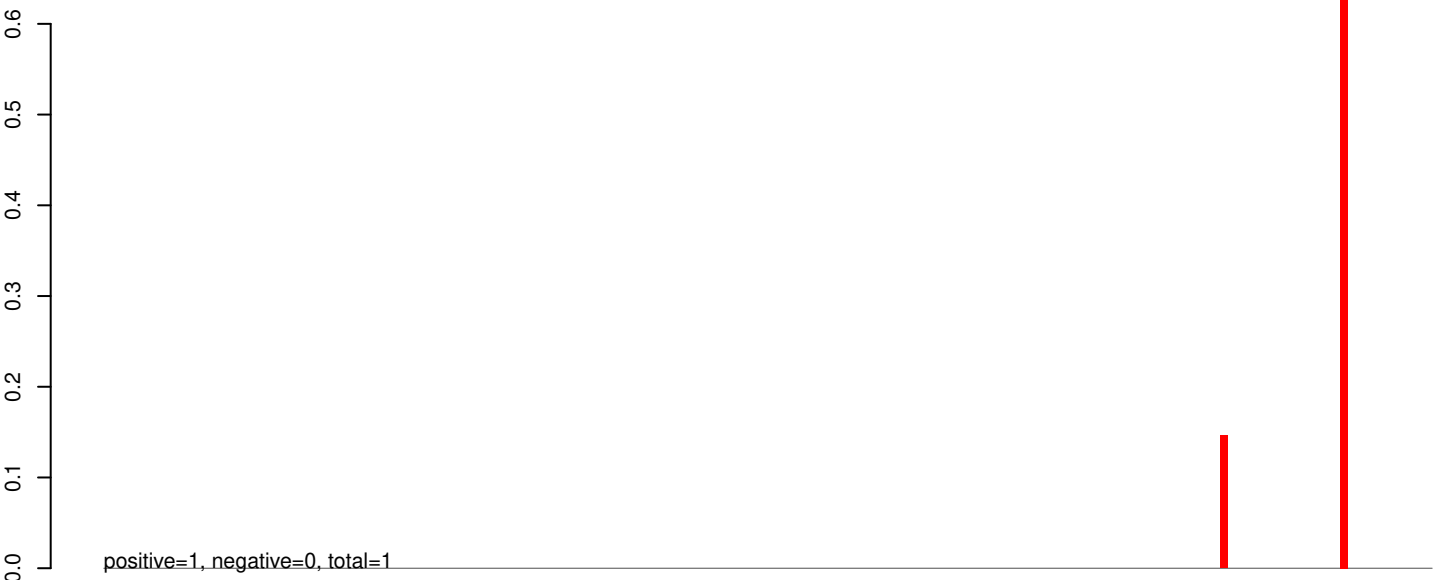
Window size=25, length=4846, TE@TF000119-Ty3\_gypsy\_Ele28:1-4846

0 1000 2000 3000 4000 5000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

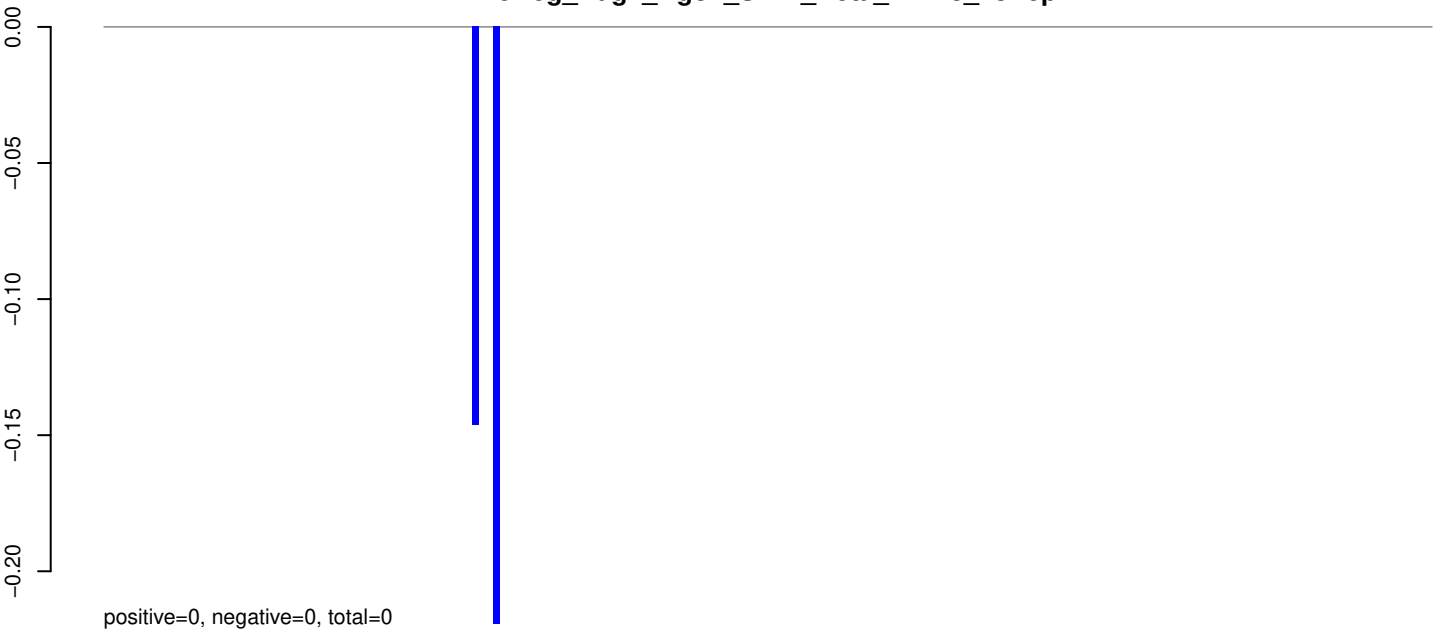


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

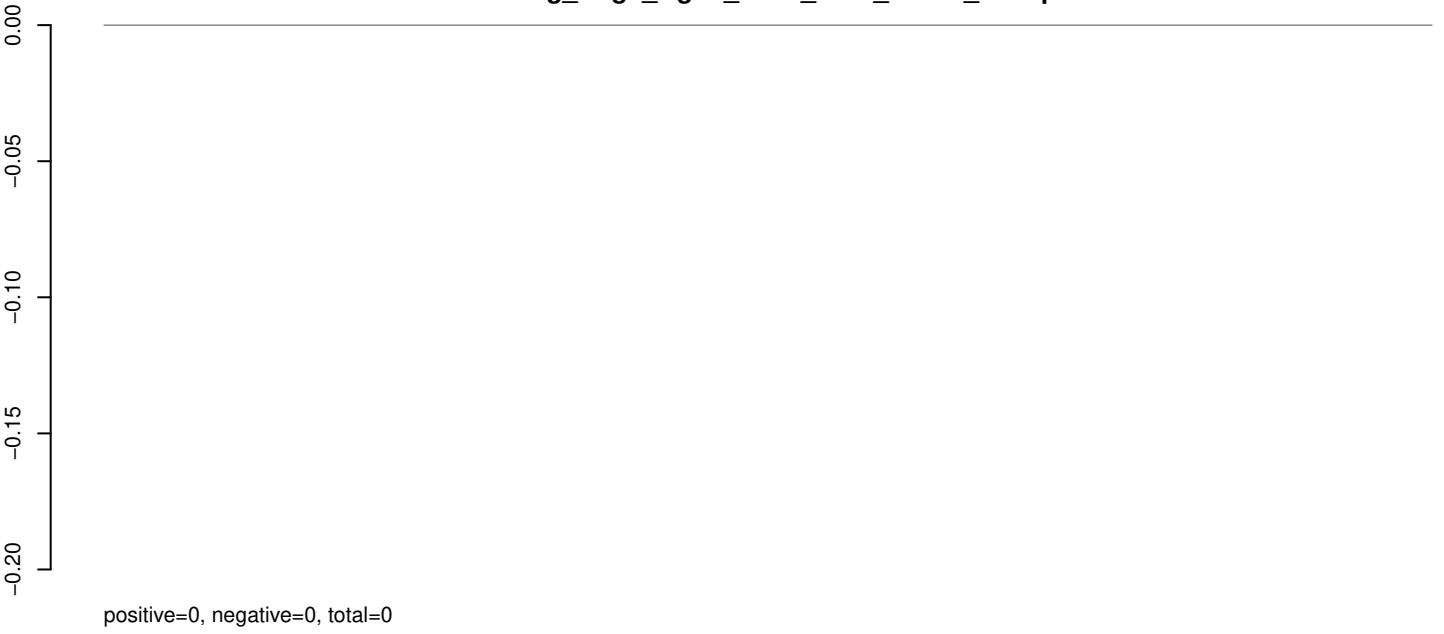


0 1000 2000 3000 4000

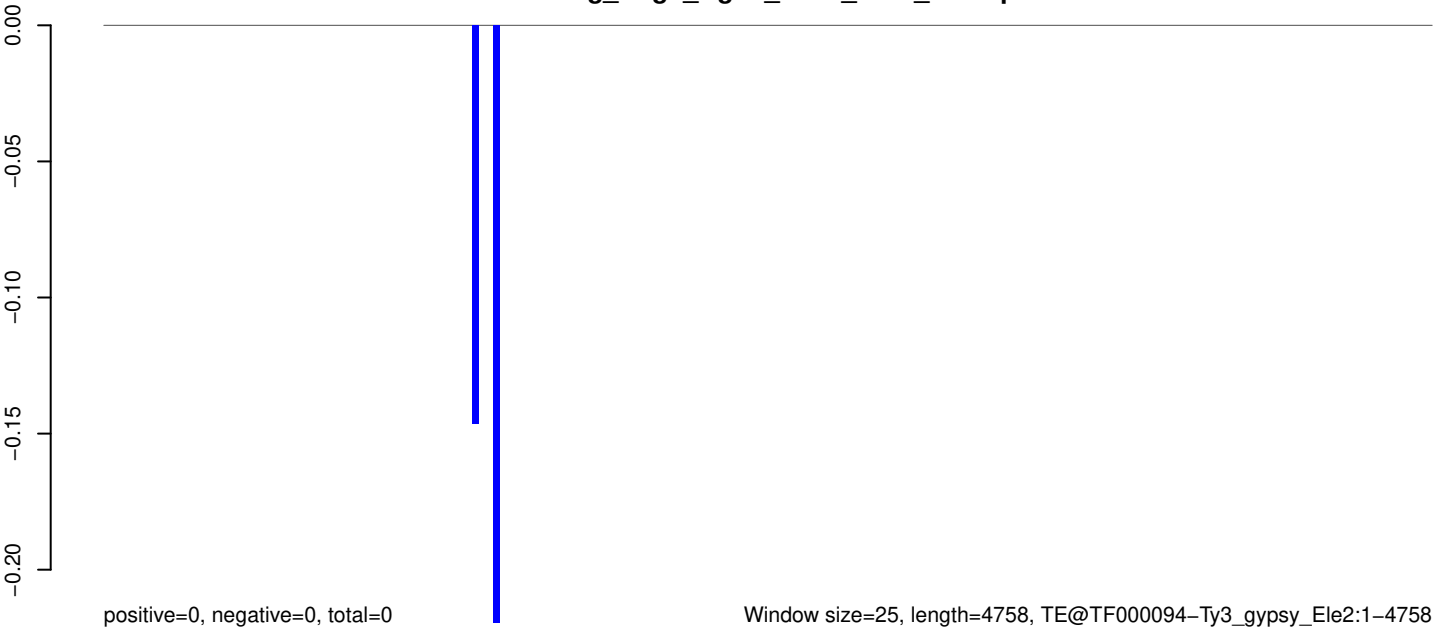
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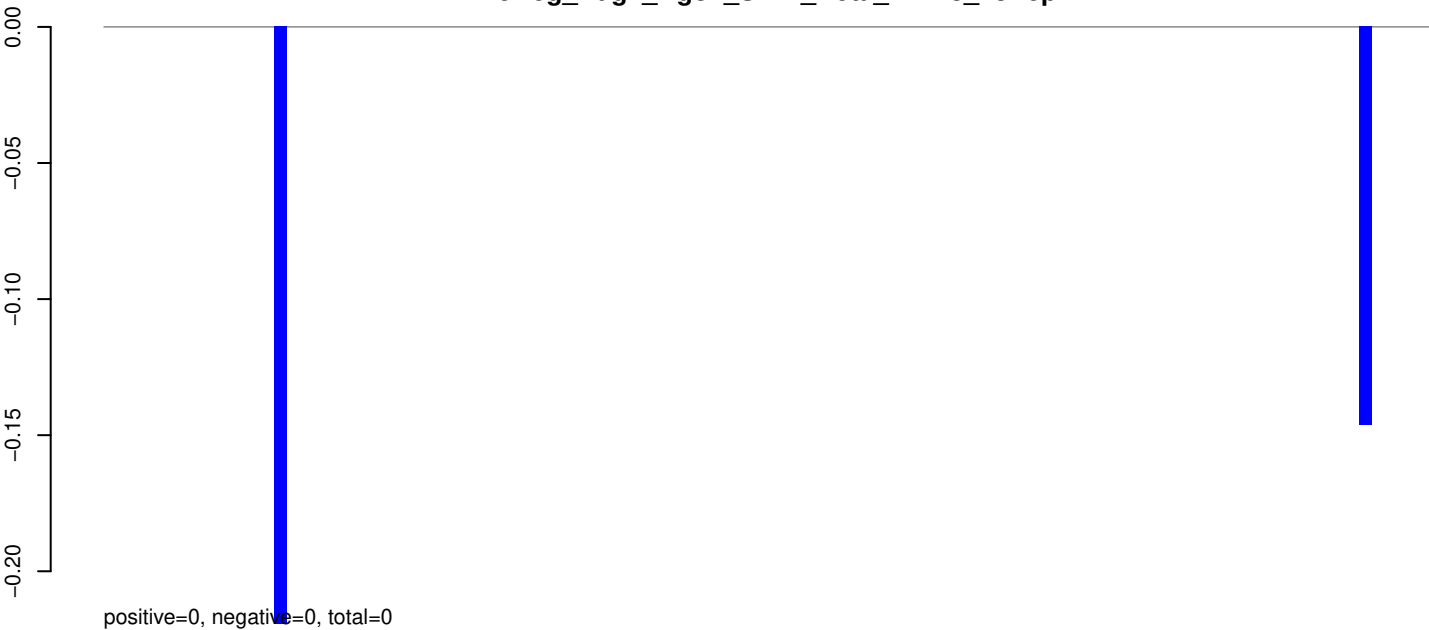
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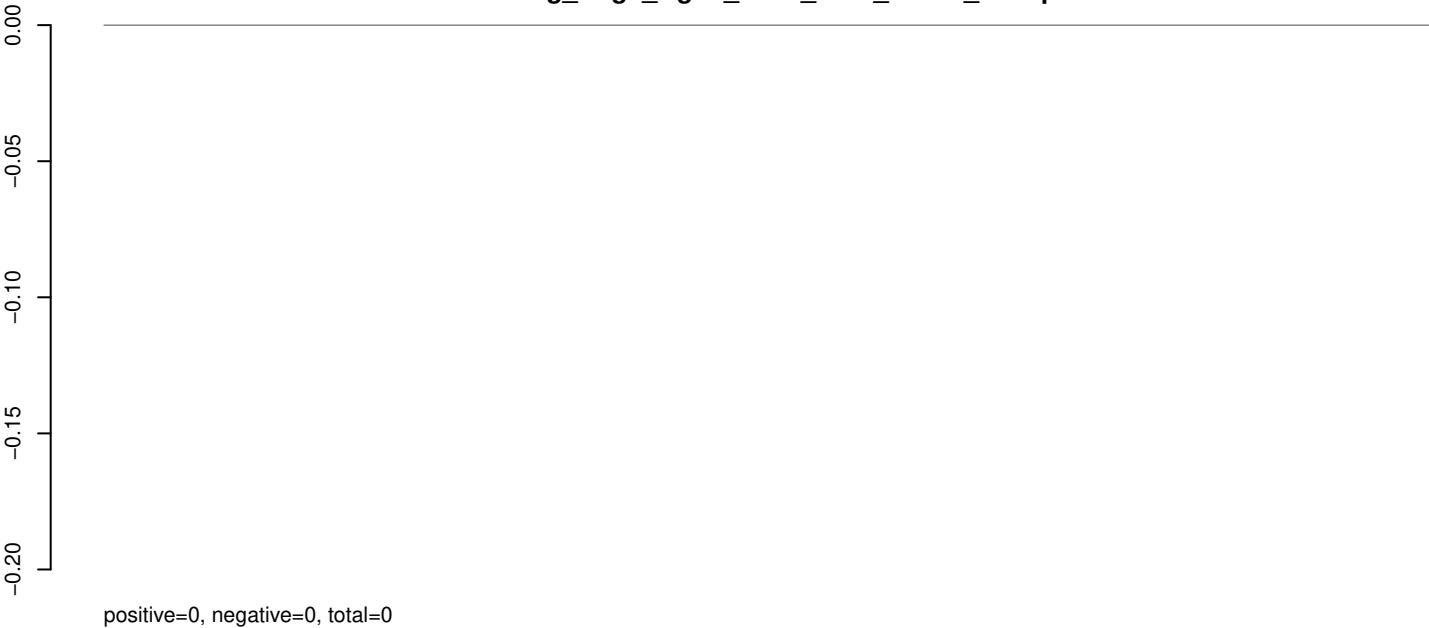
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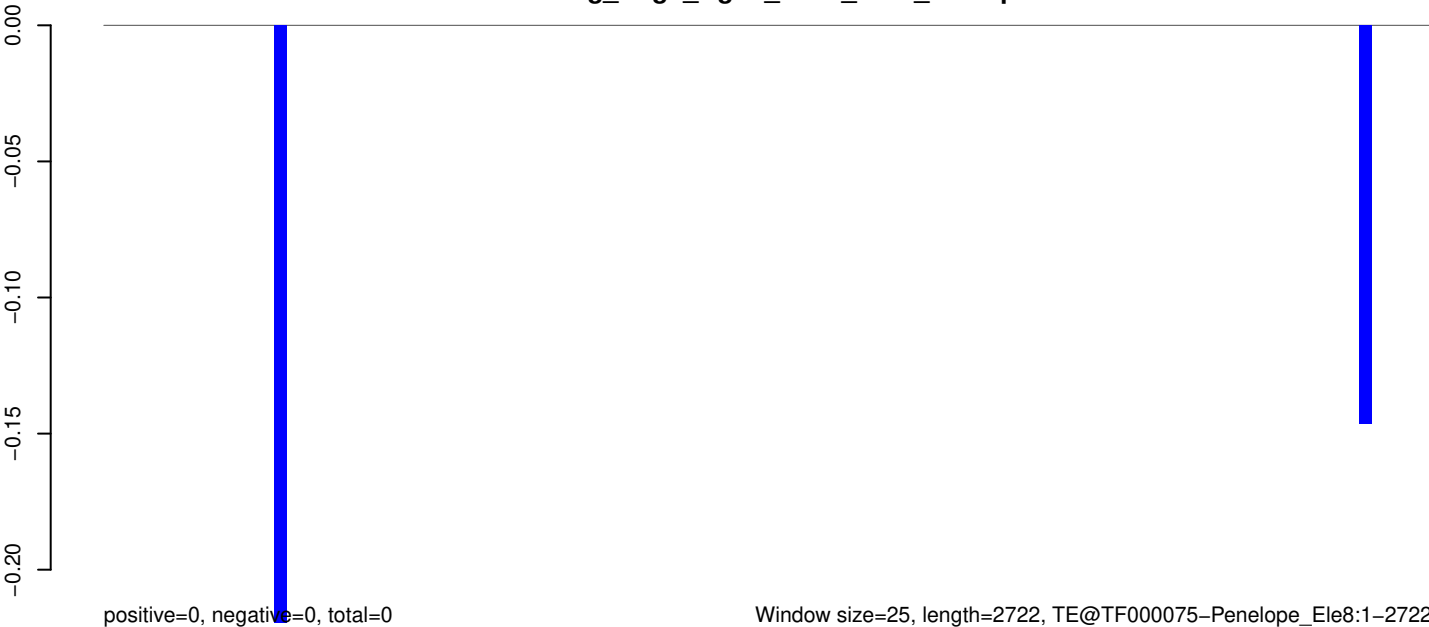
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



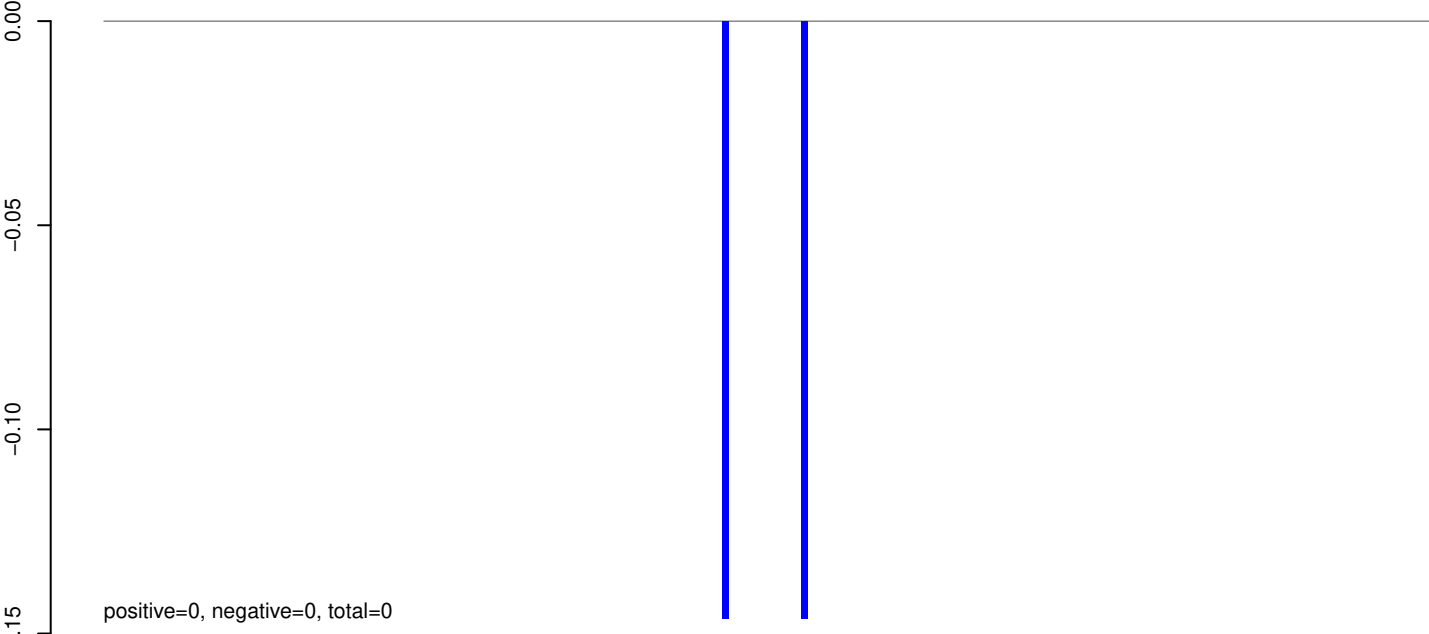
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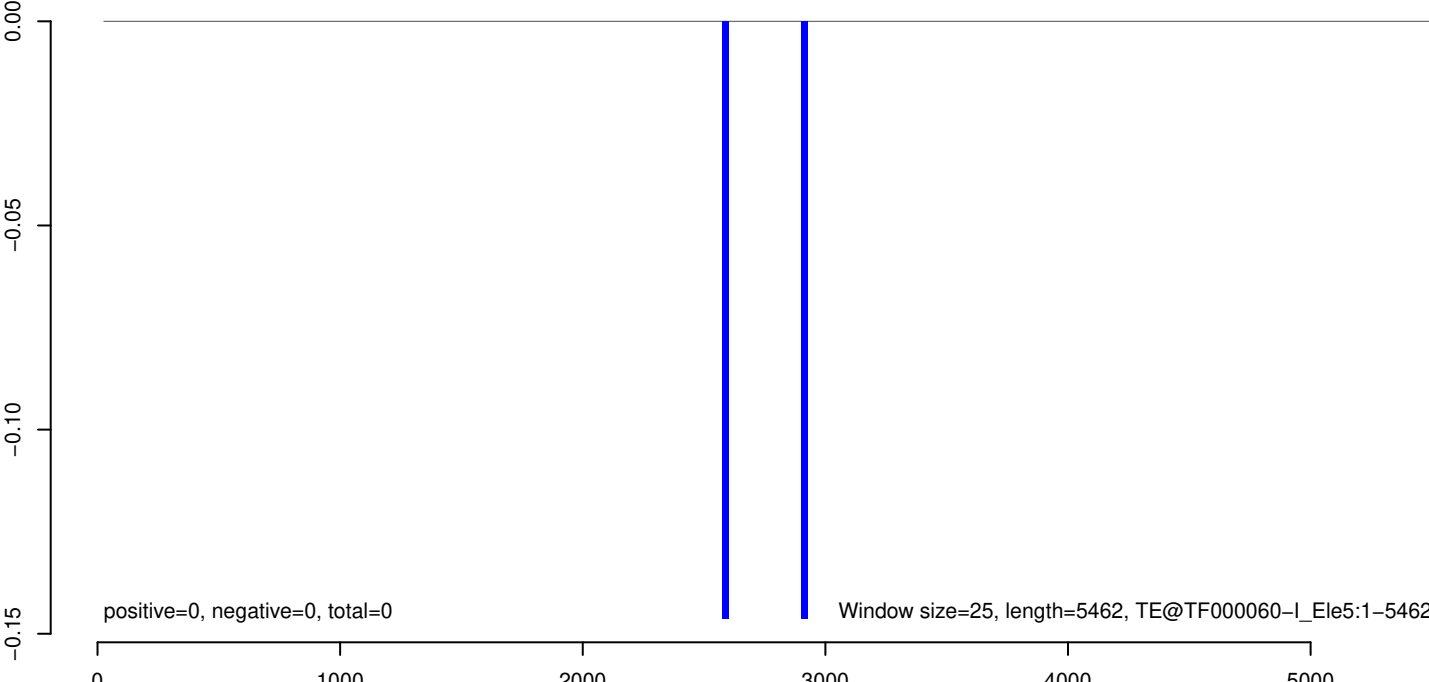
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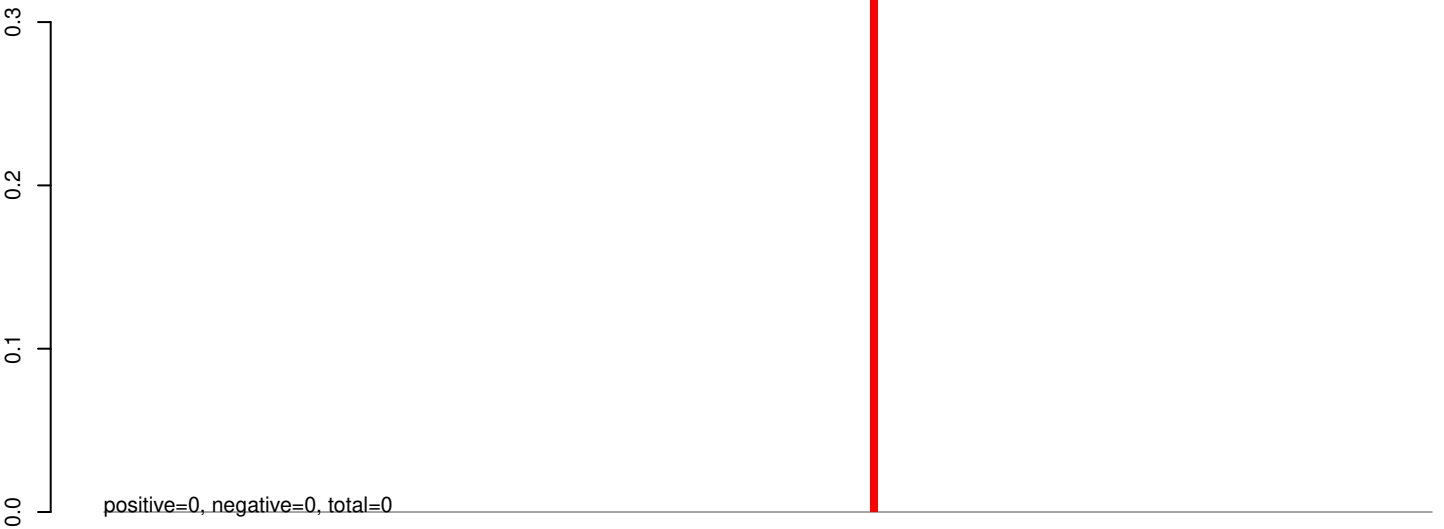
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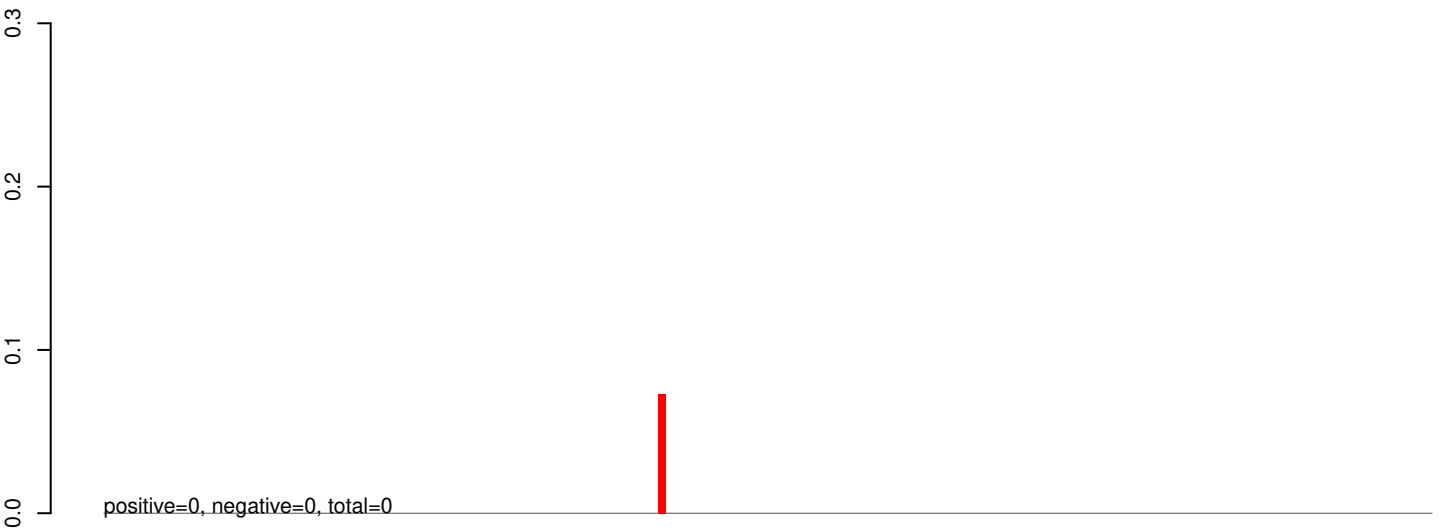
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



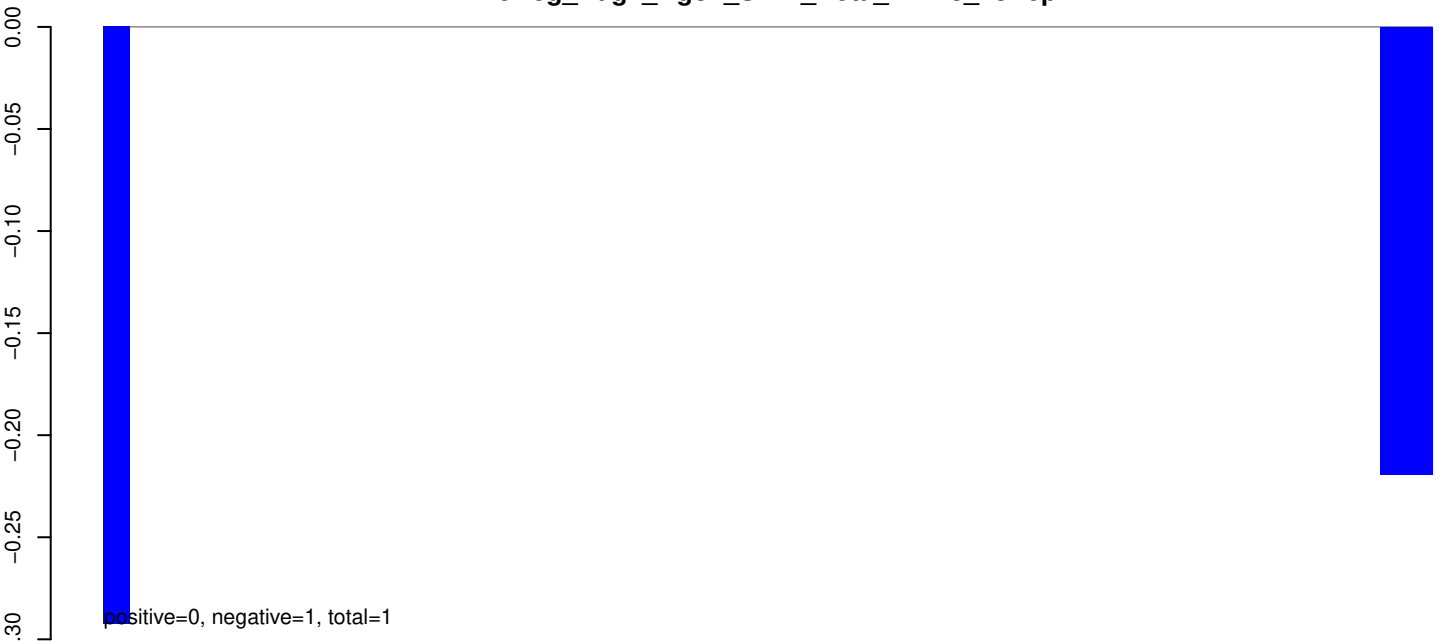
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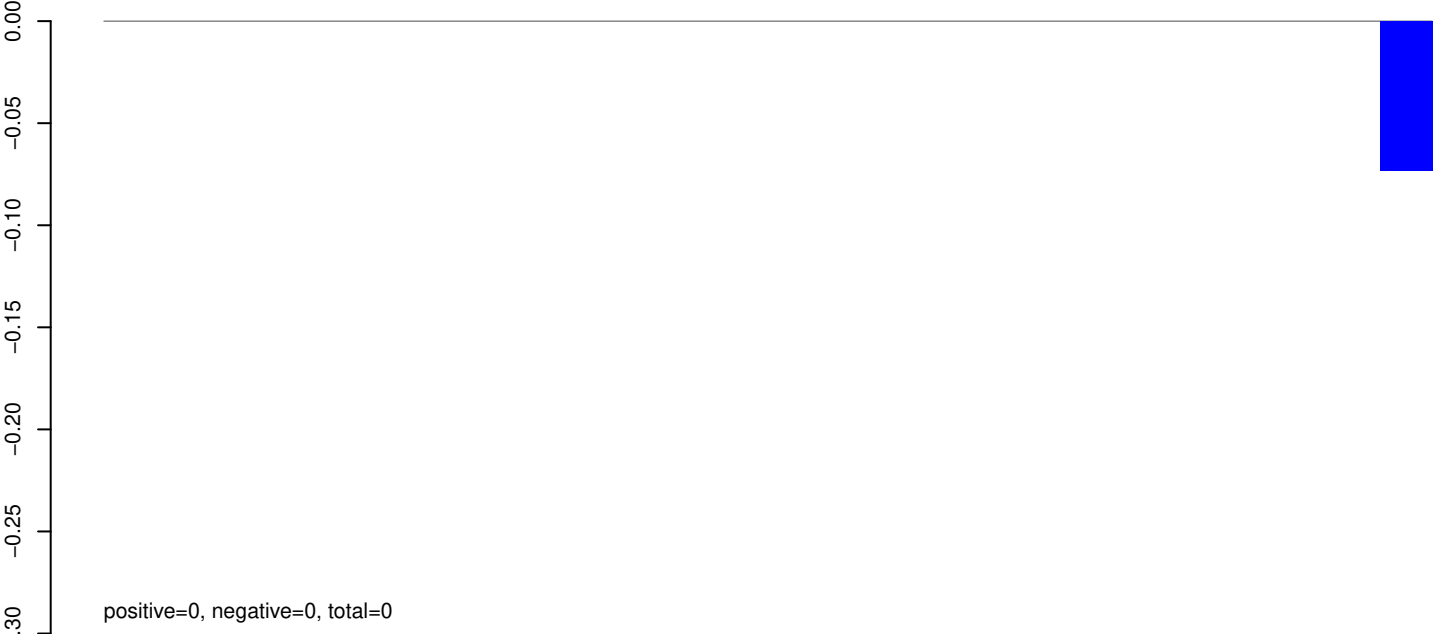
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



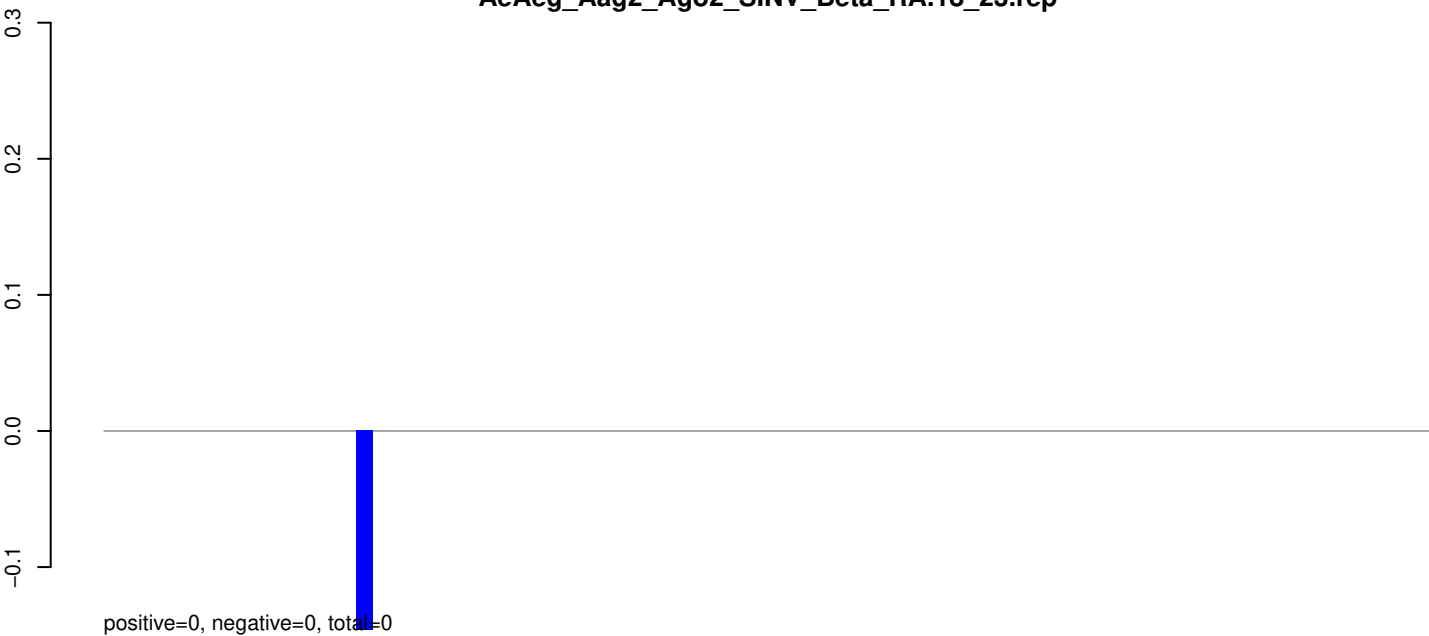
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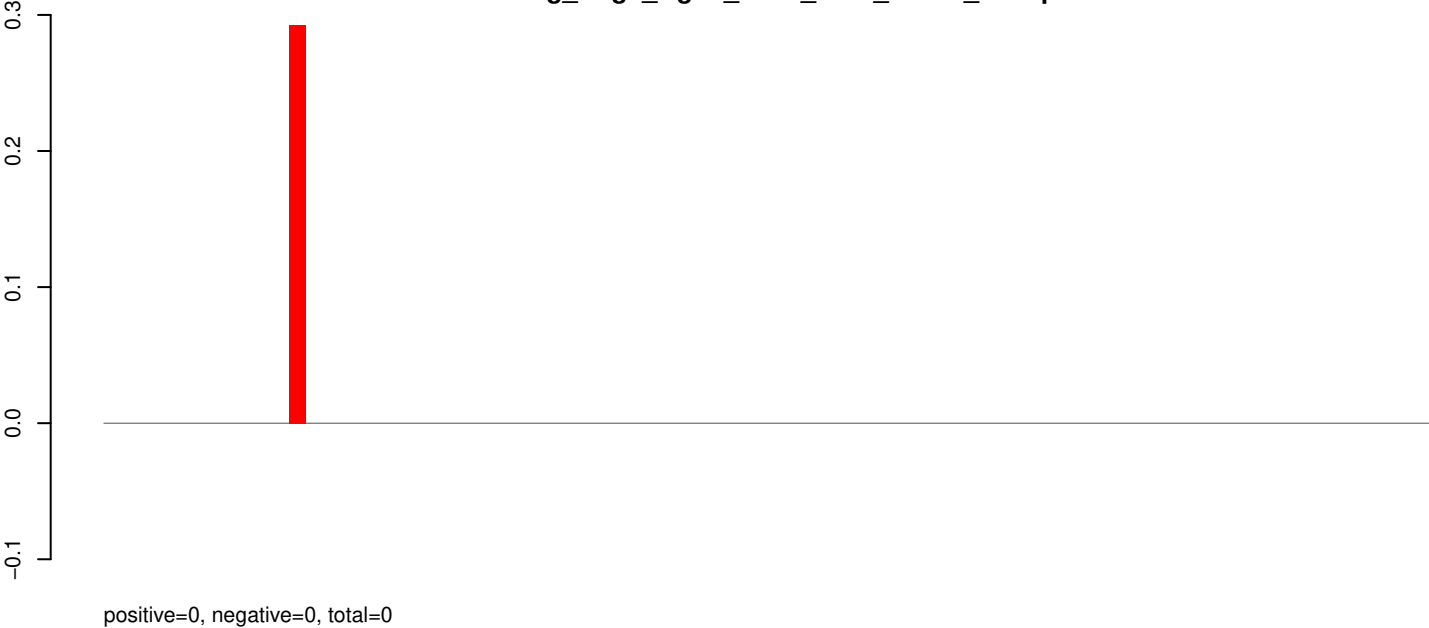
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



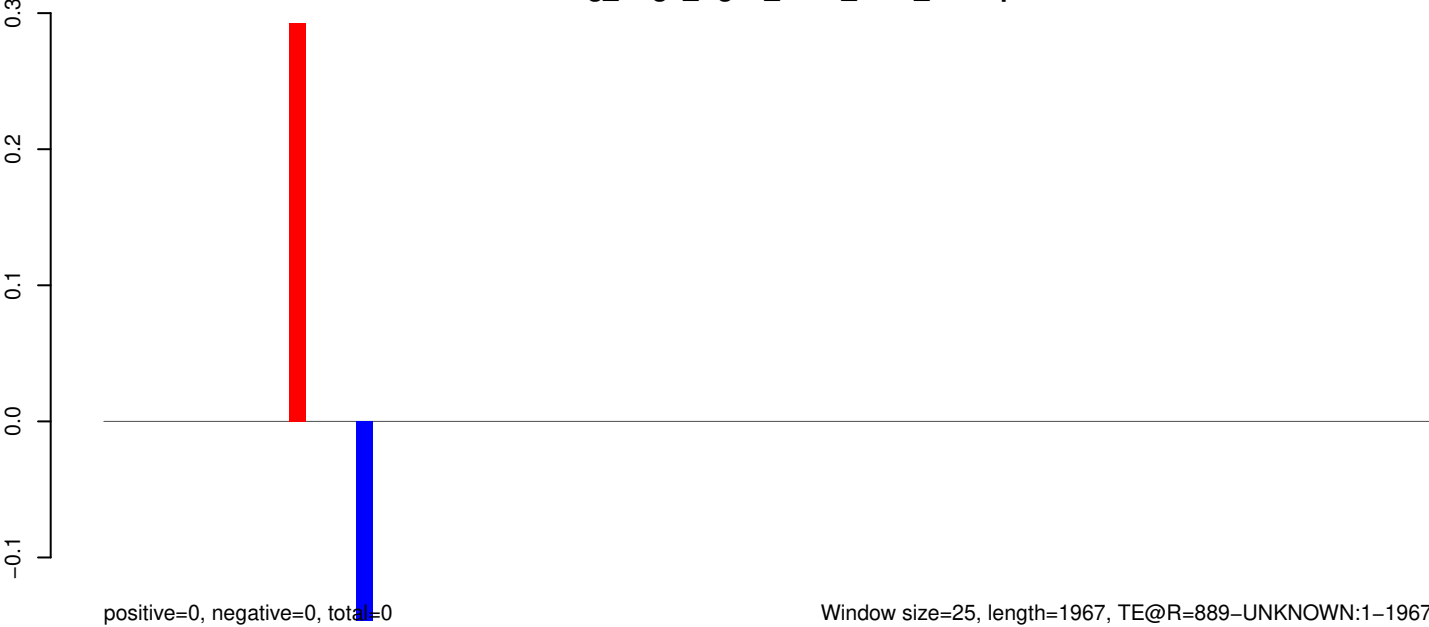
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

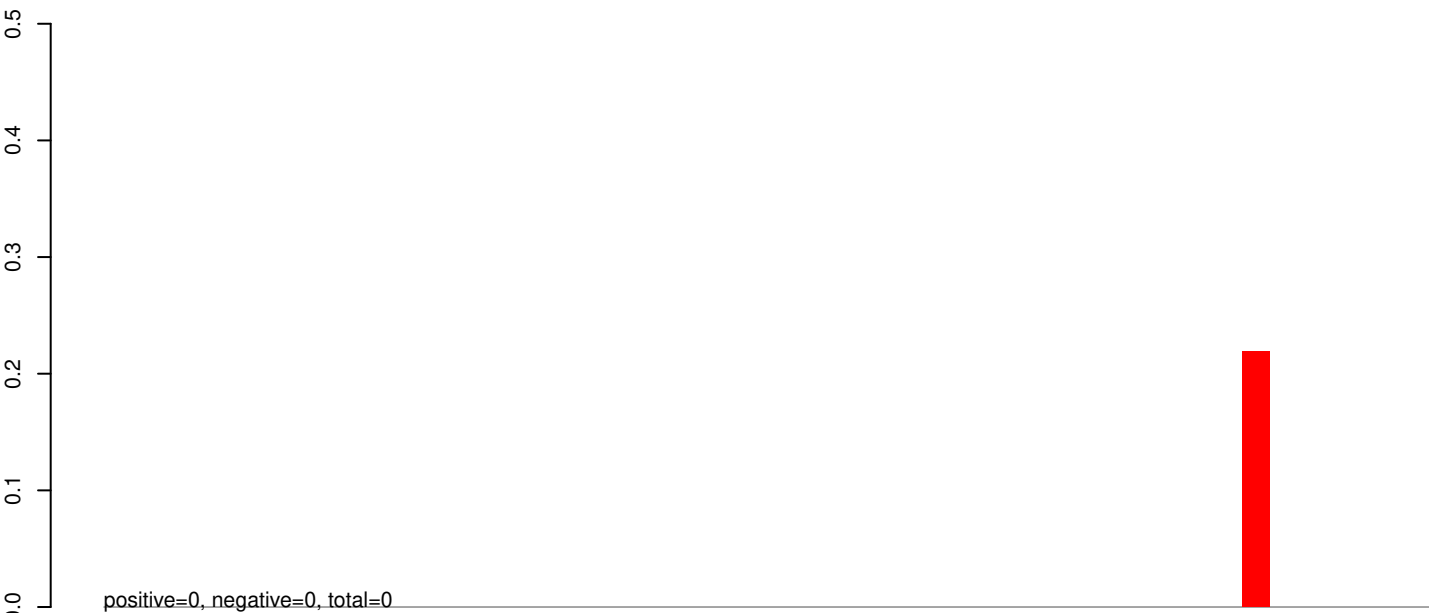


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

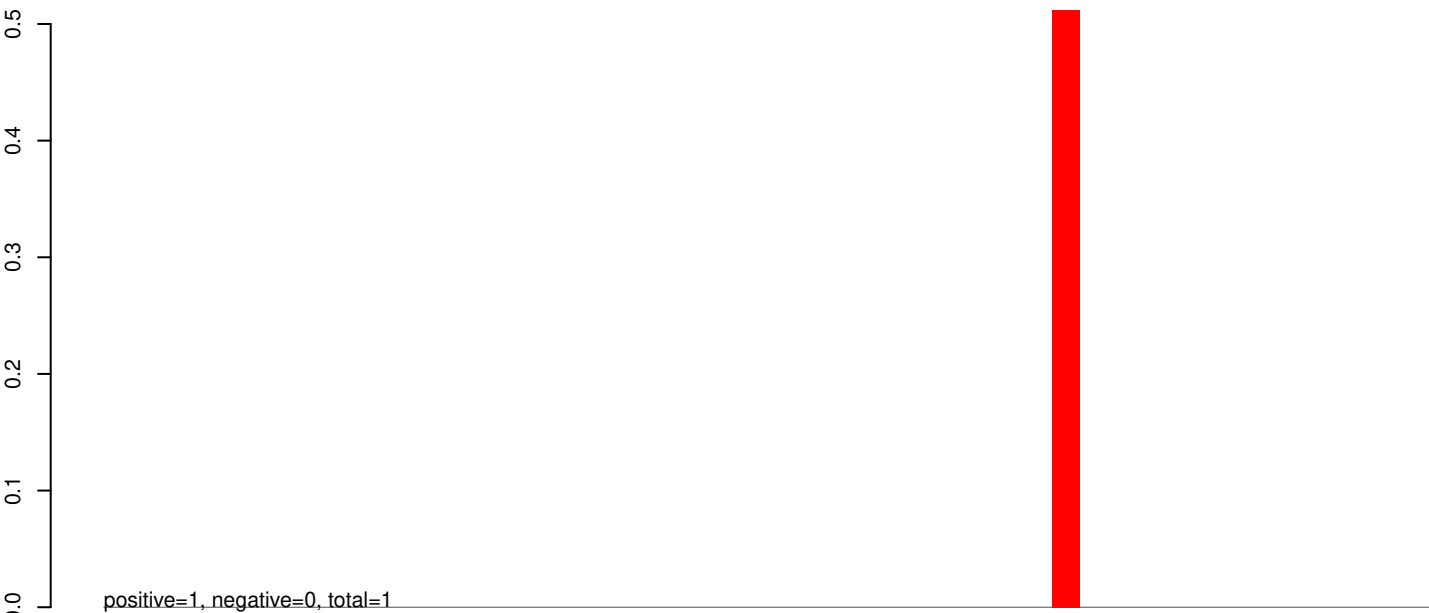




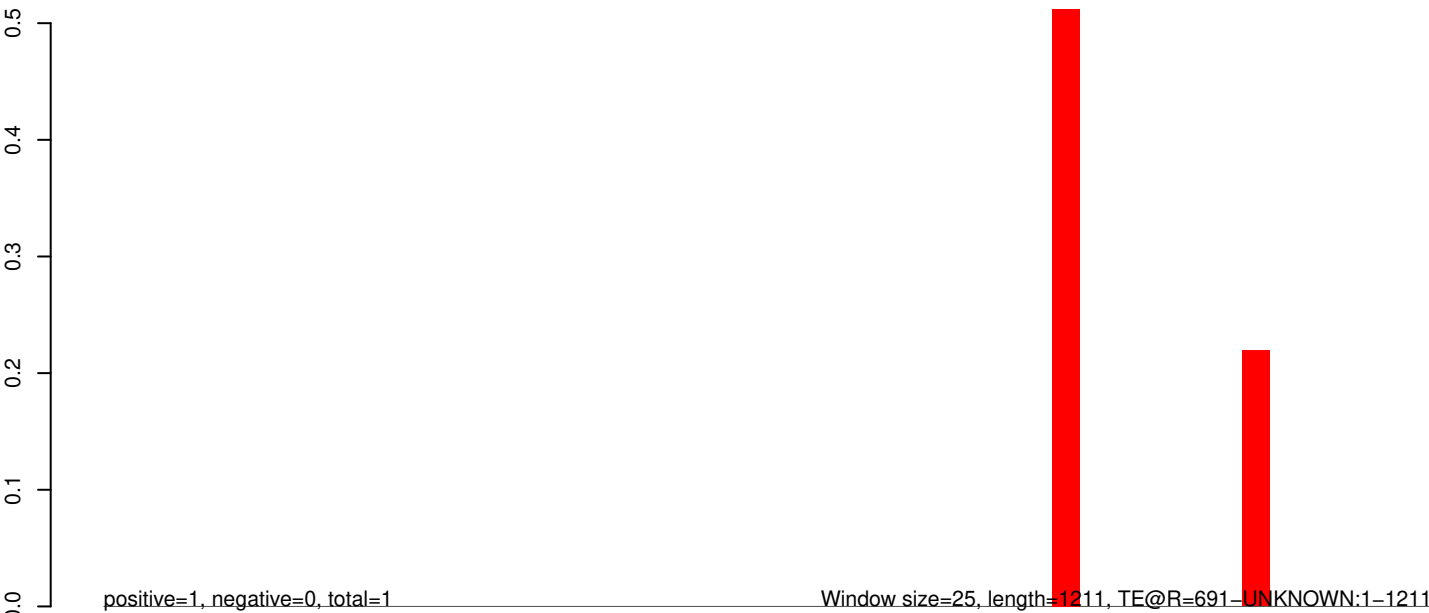
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

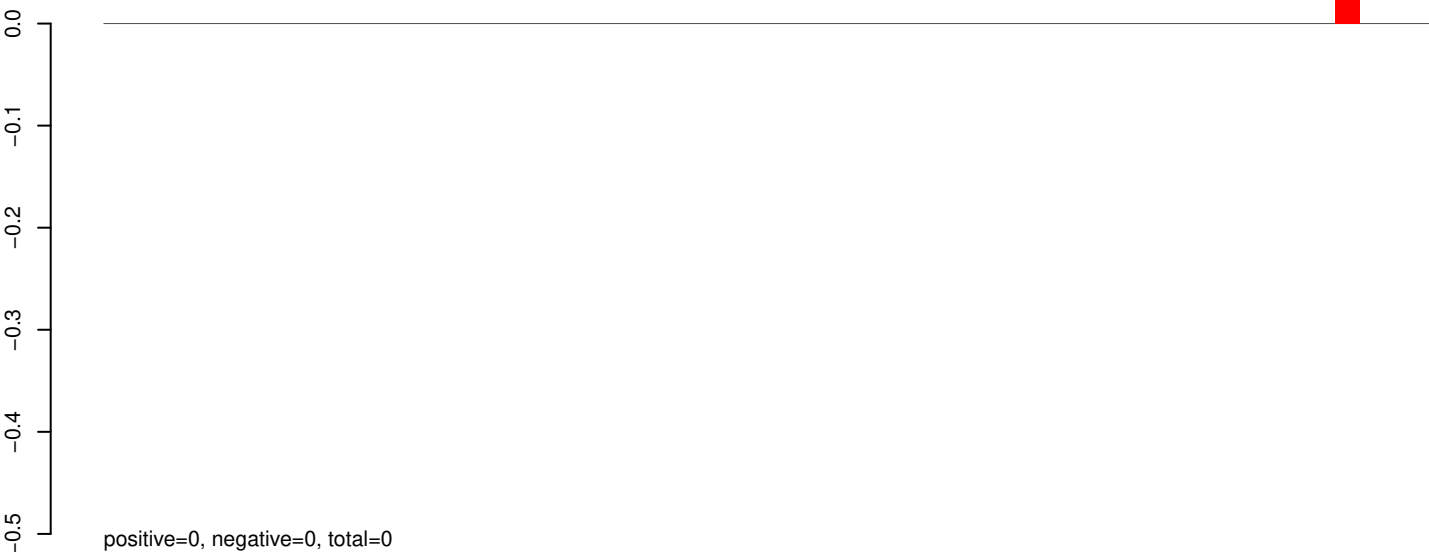


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

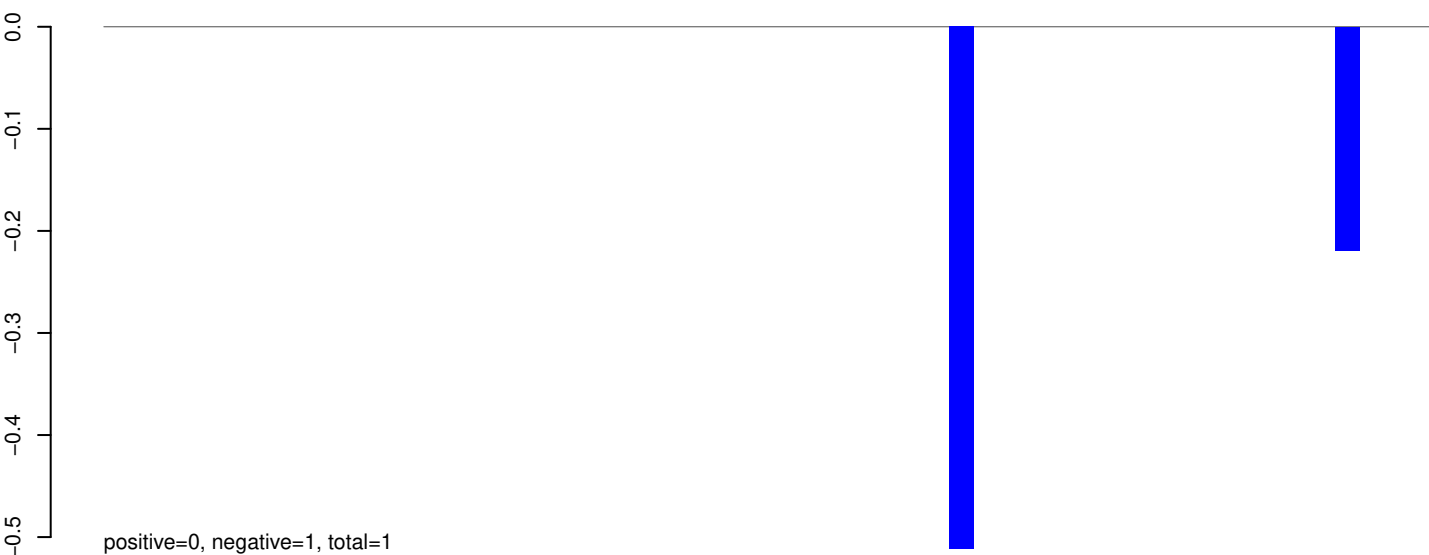


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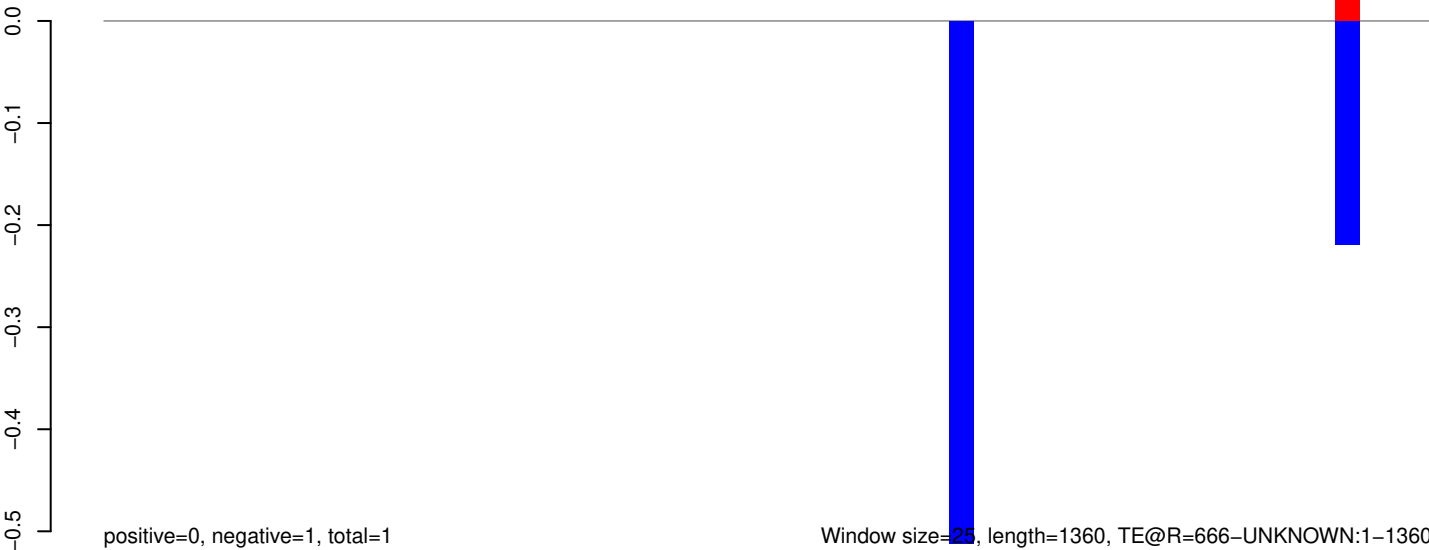
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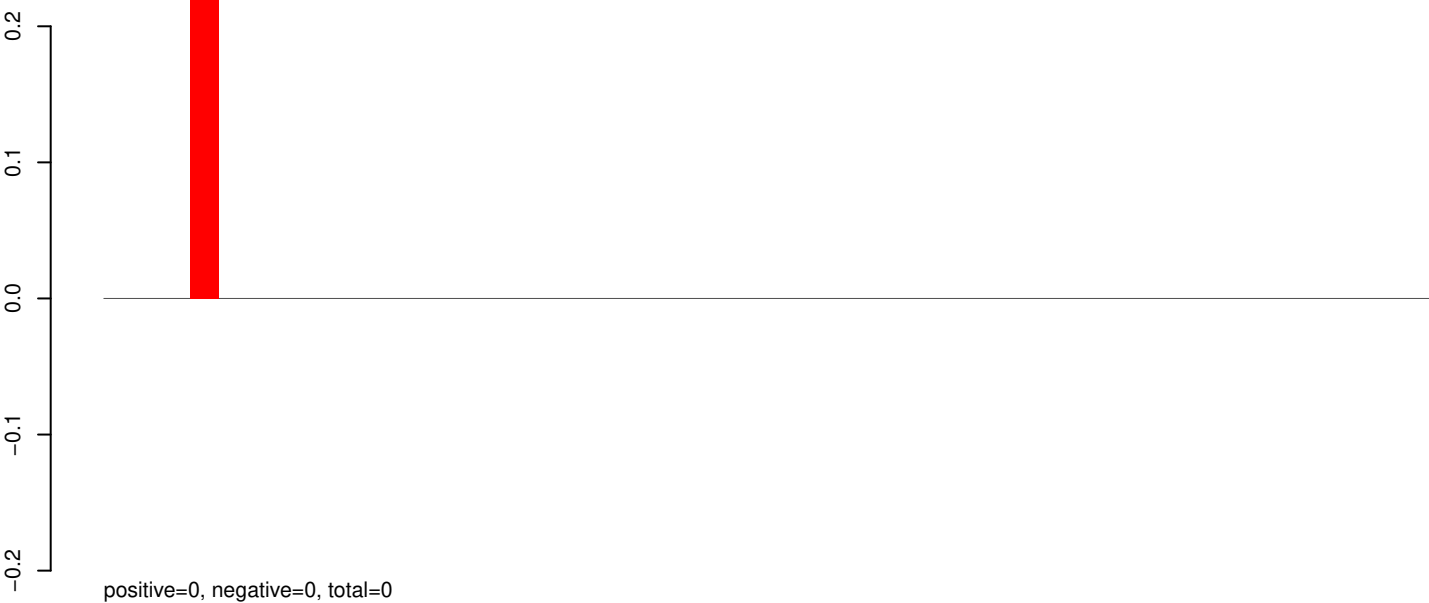
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



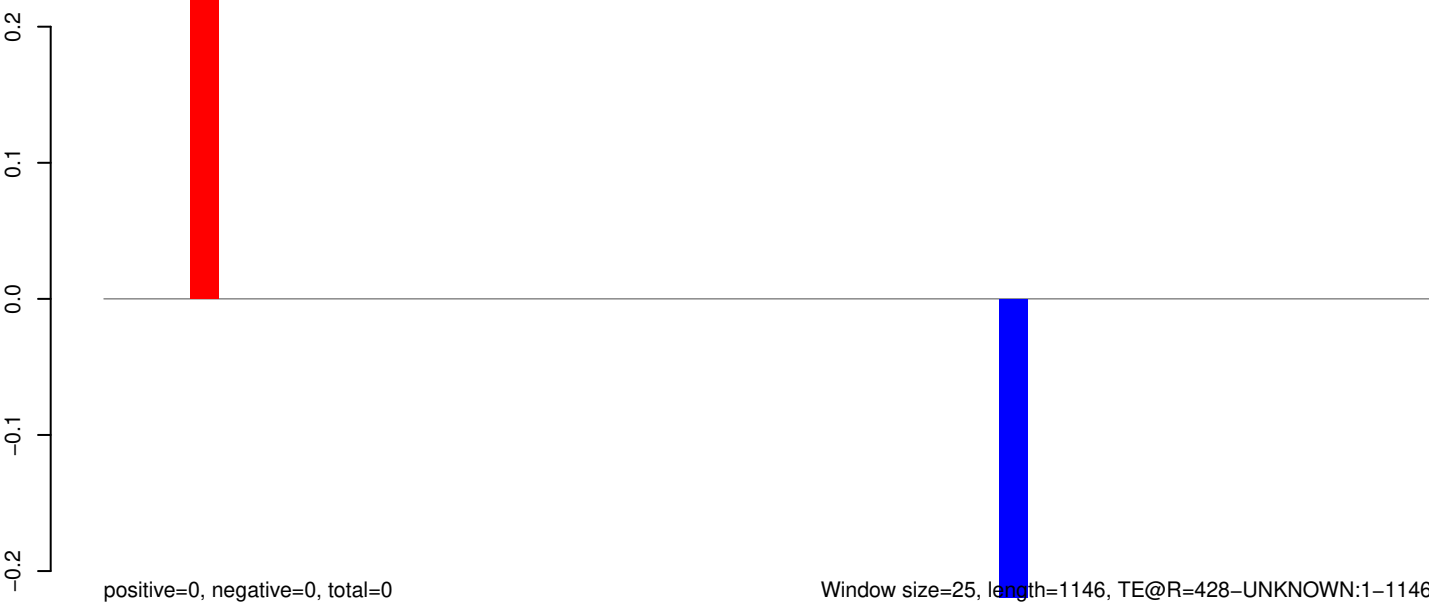
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

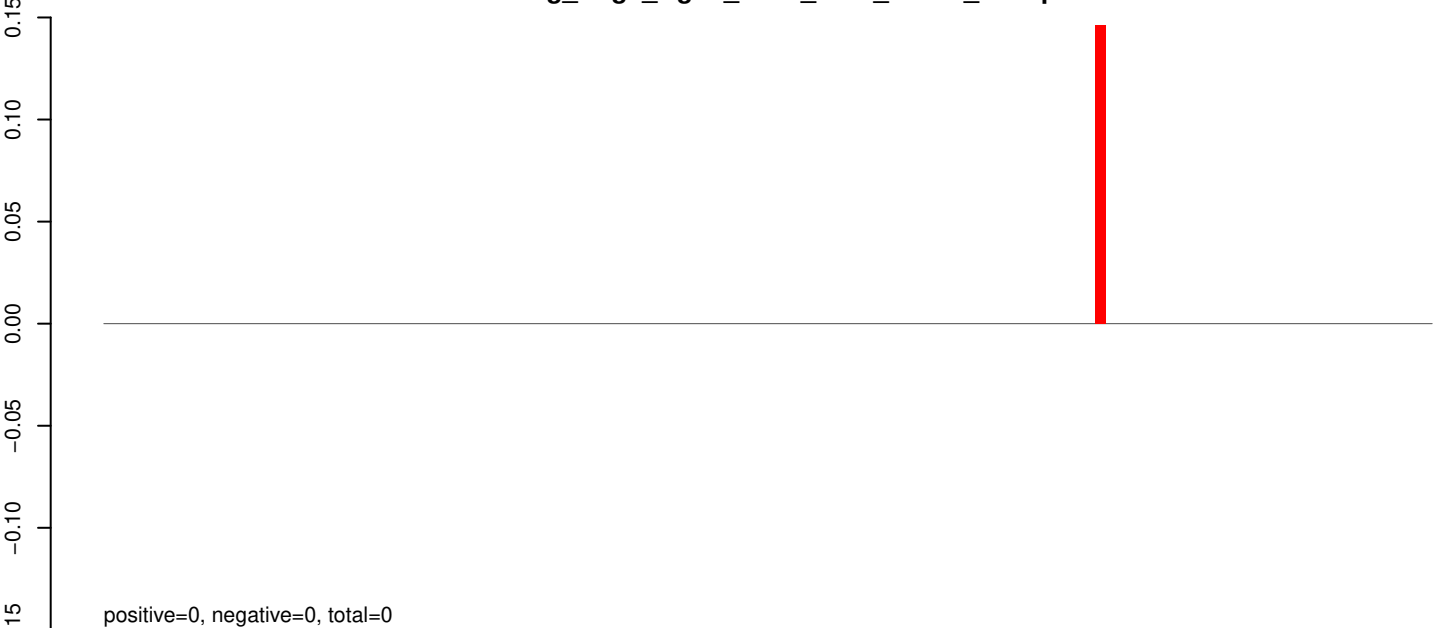


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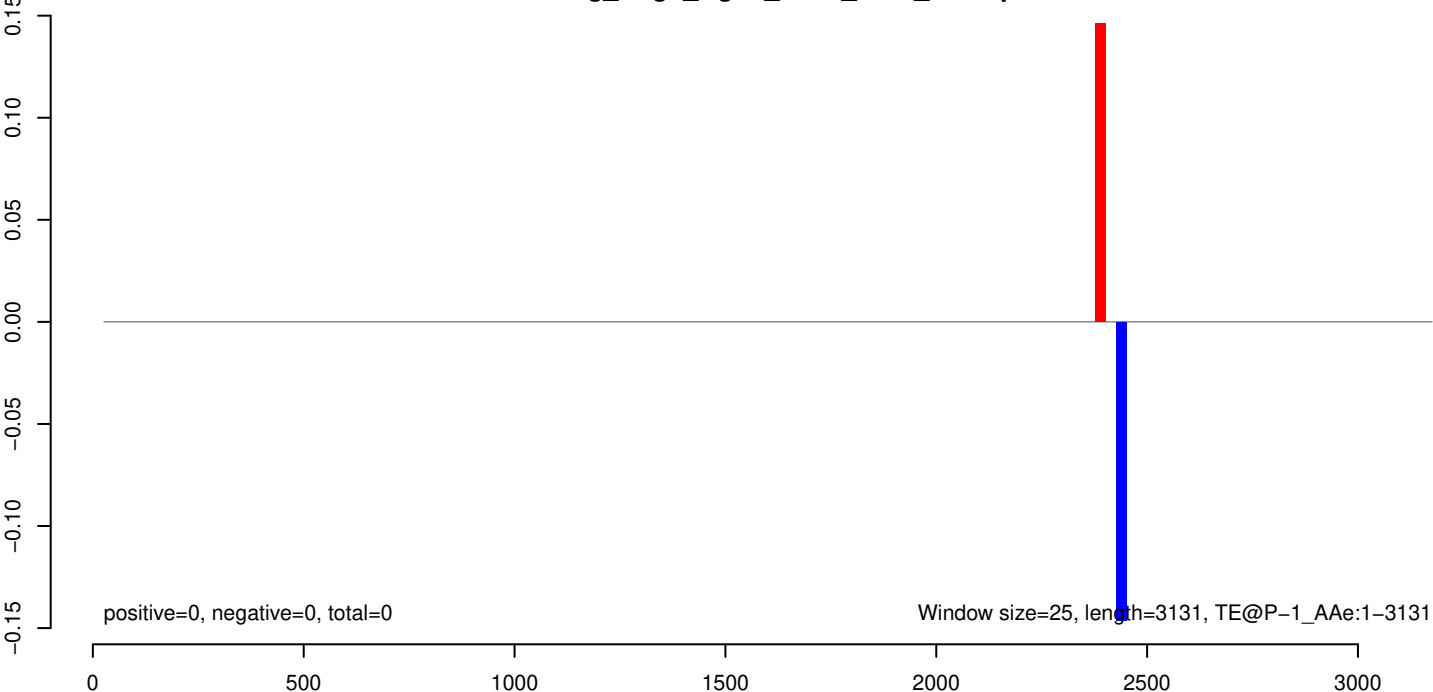
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



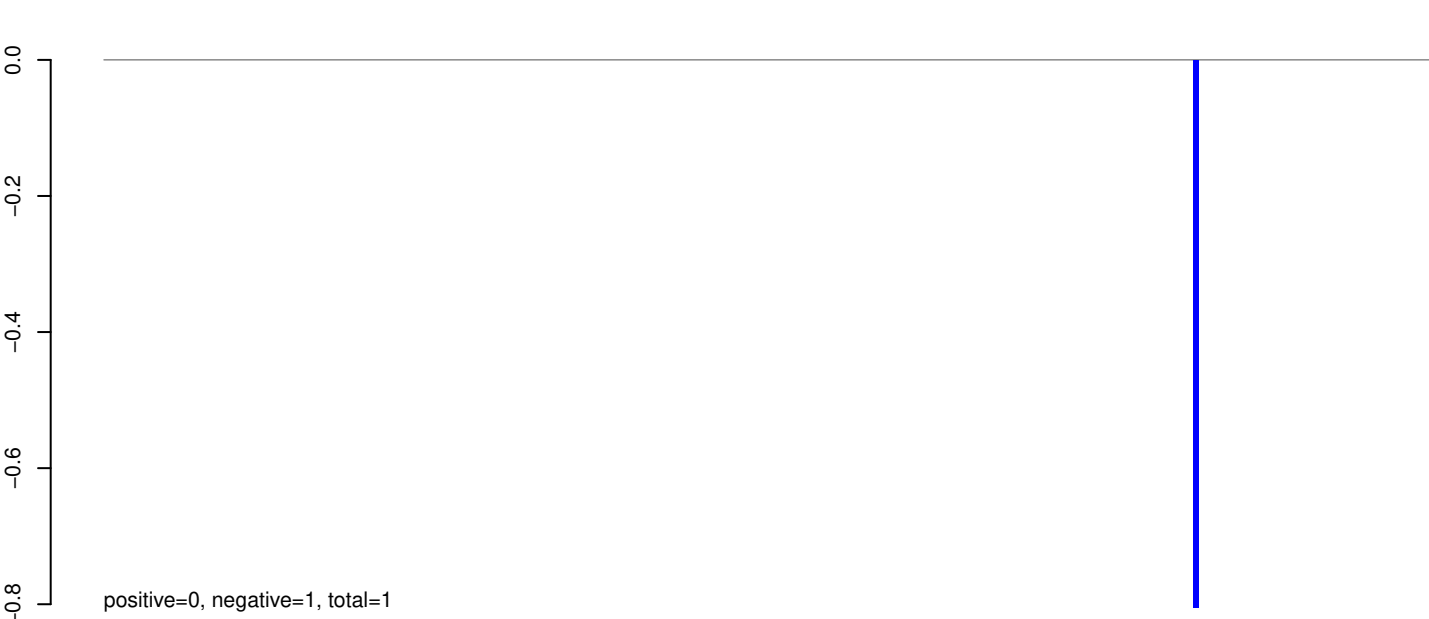
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



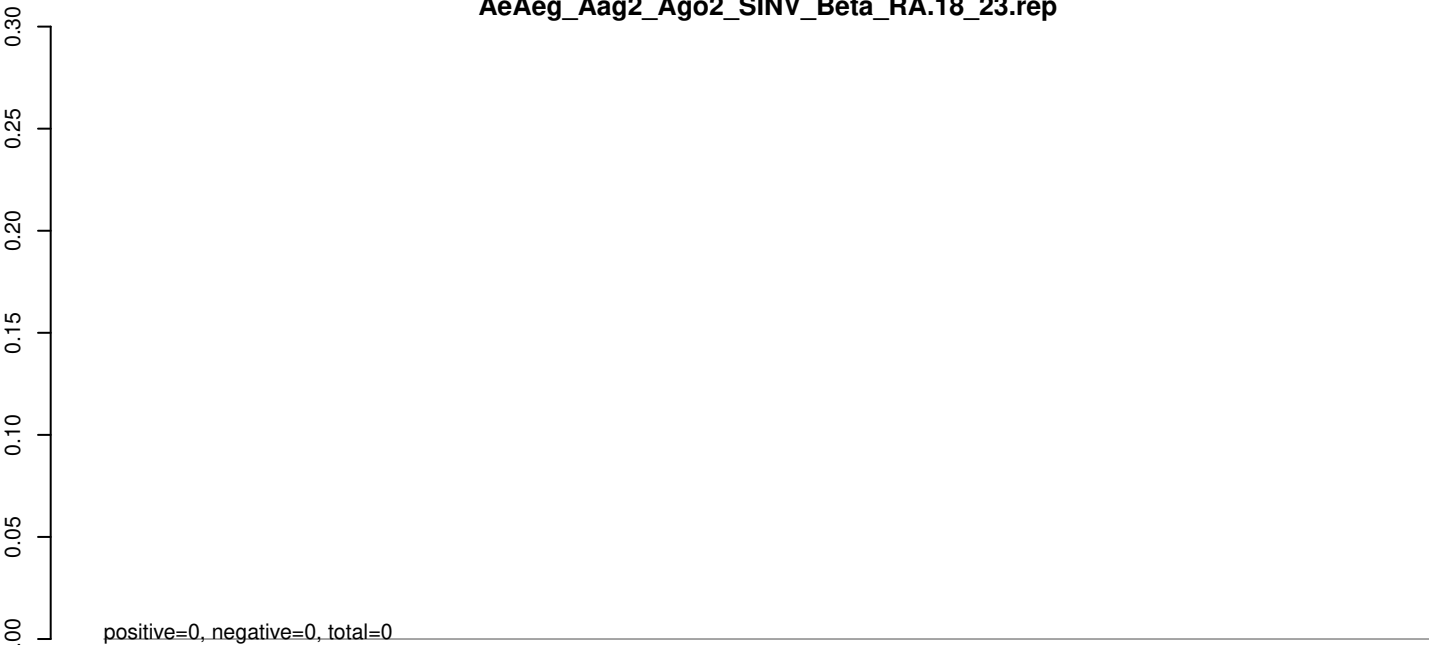
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



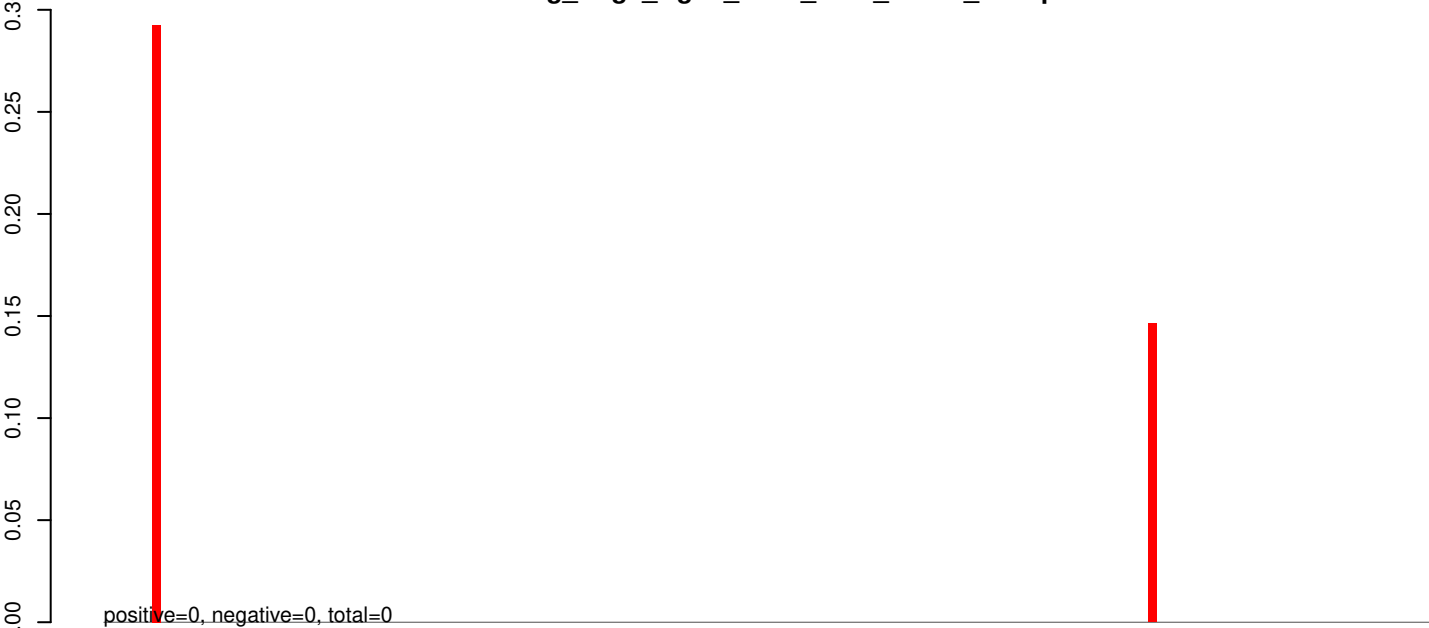
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



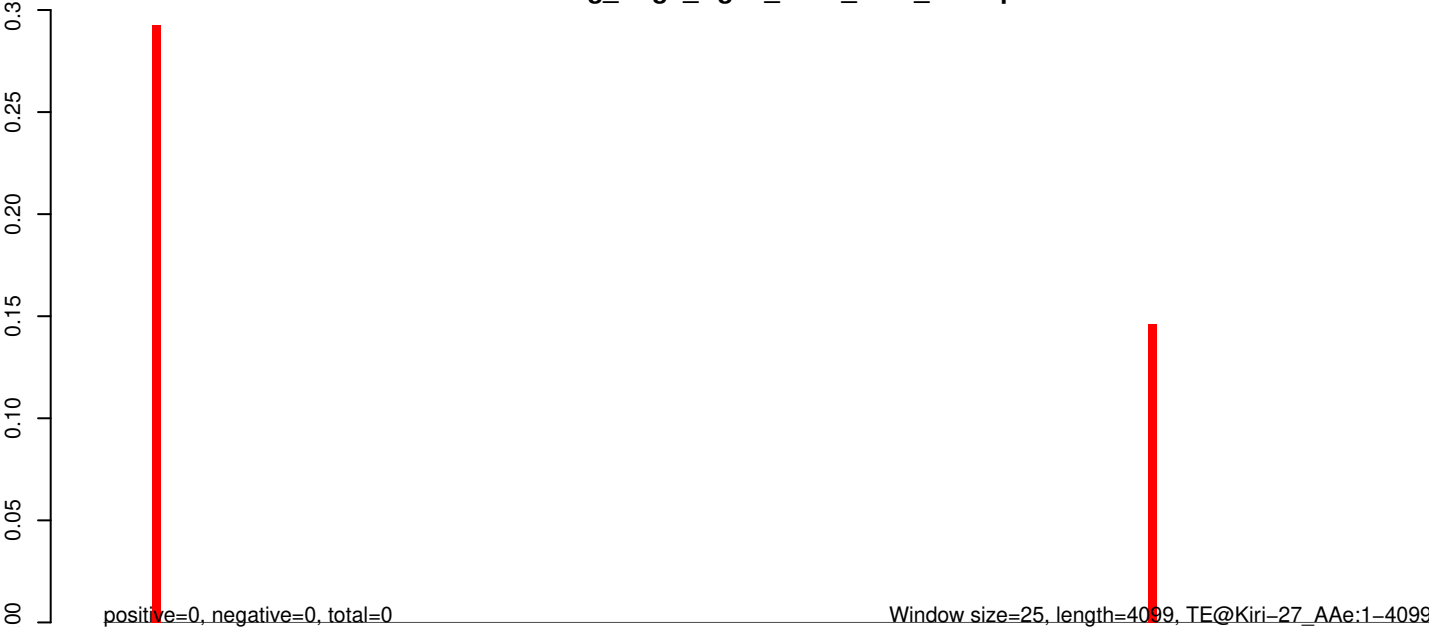
### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



### AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



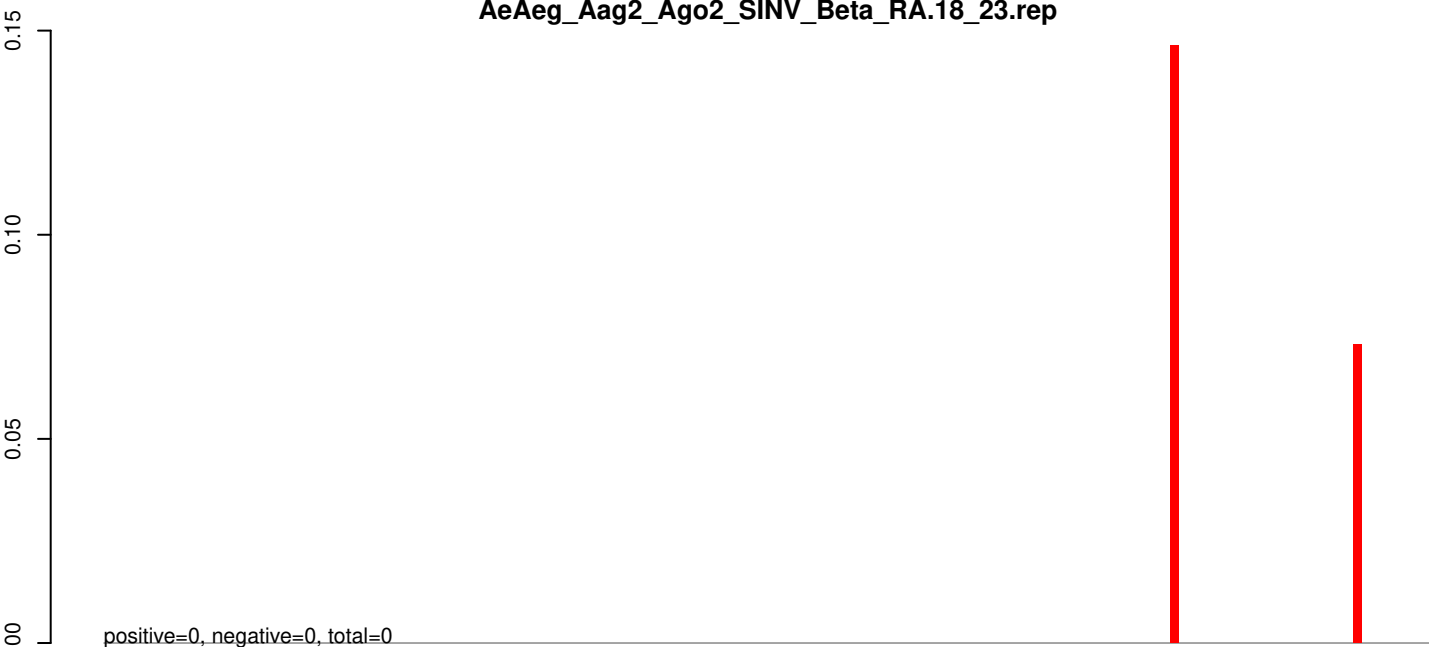
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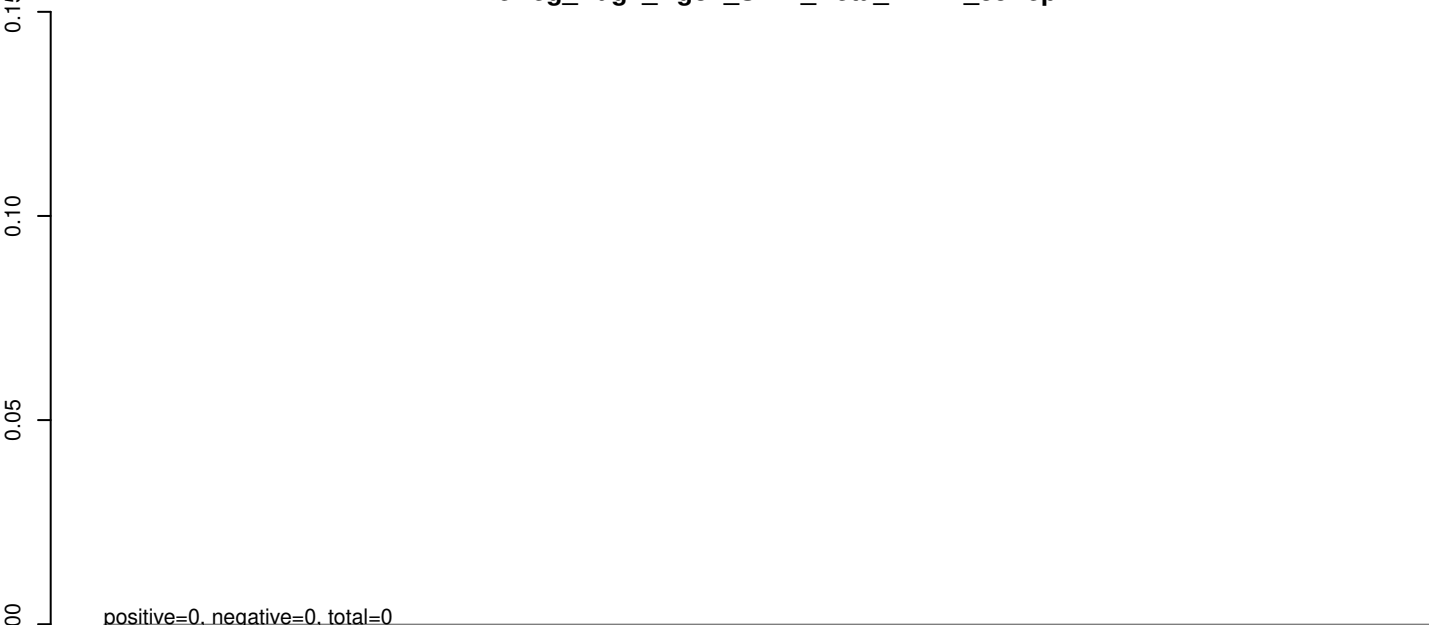
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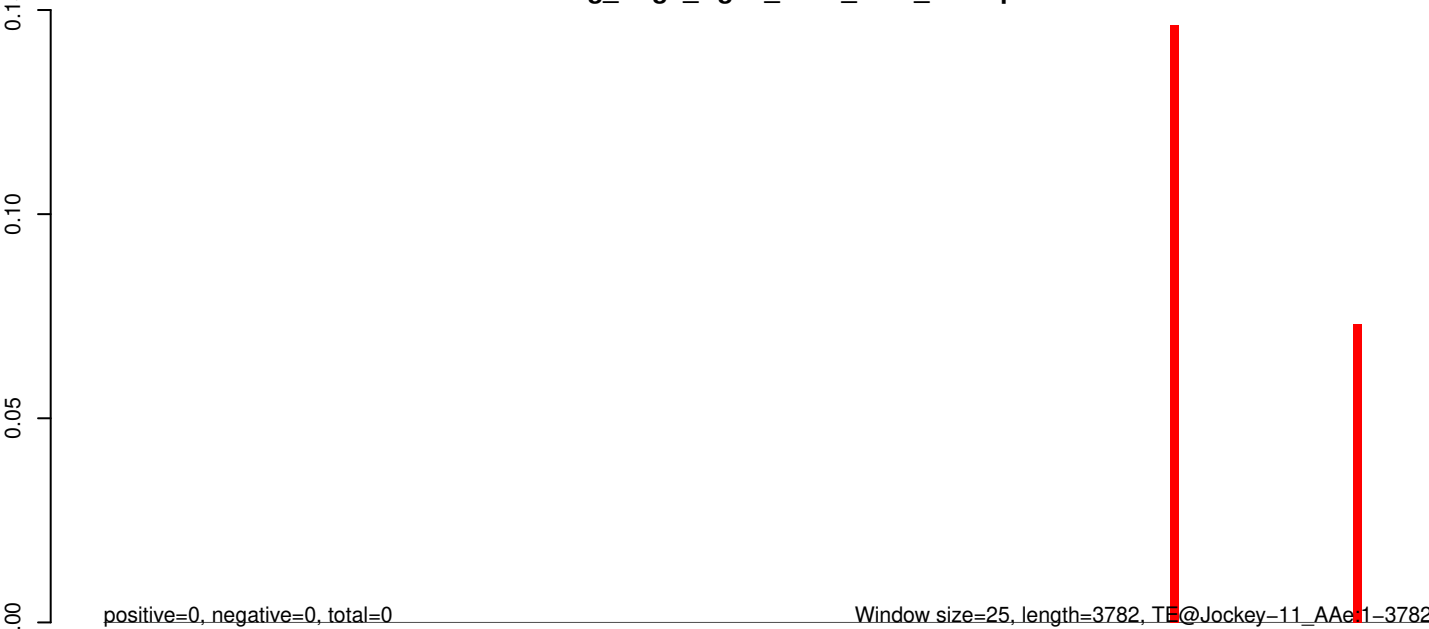
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

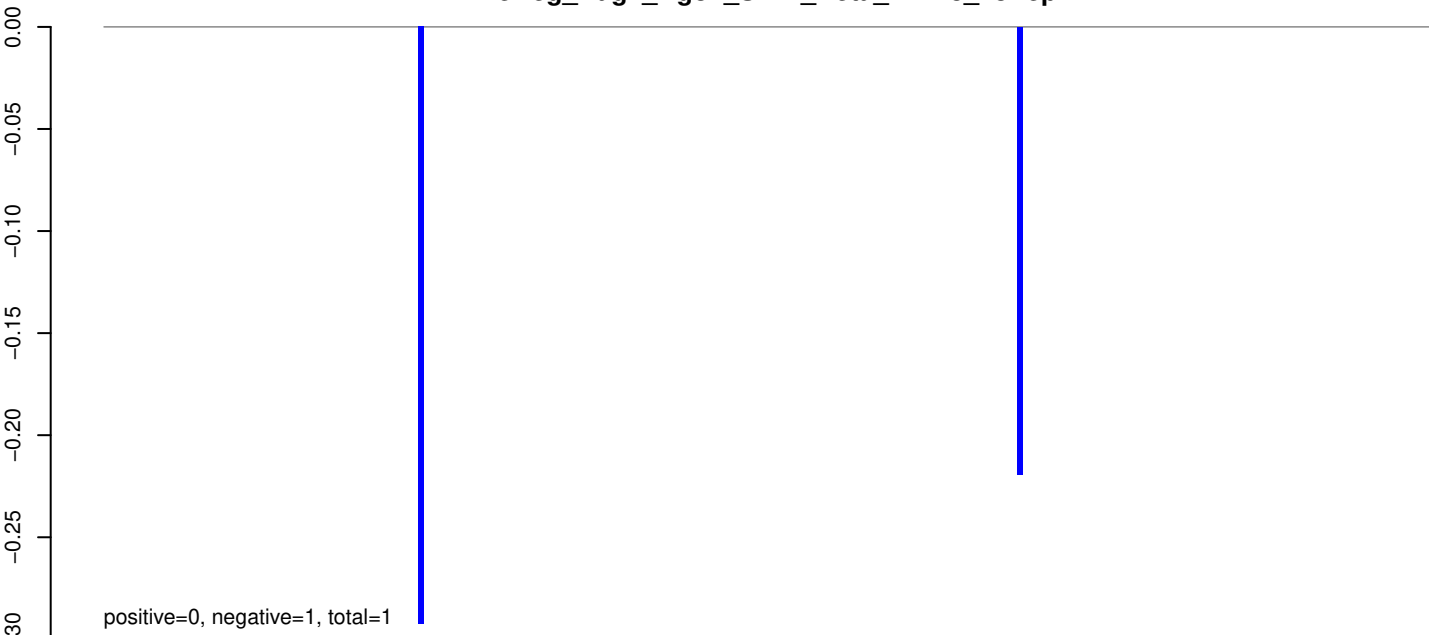


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

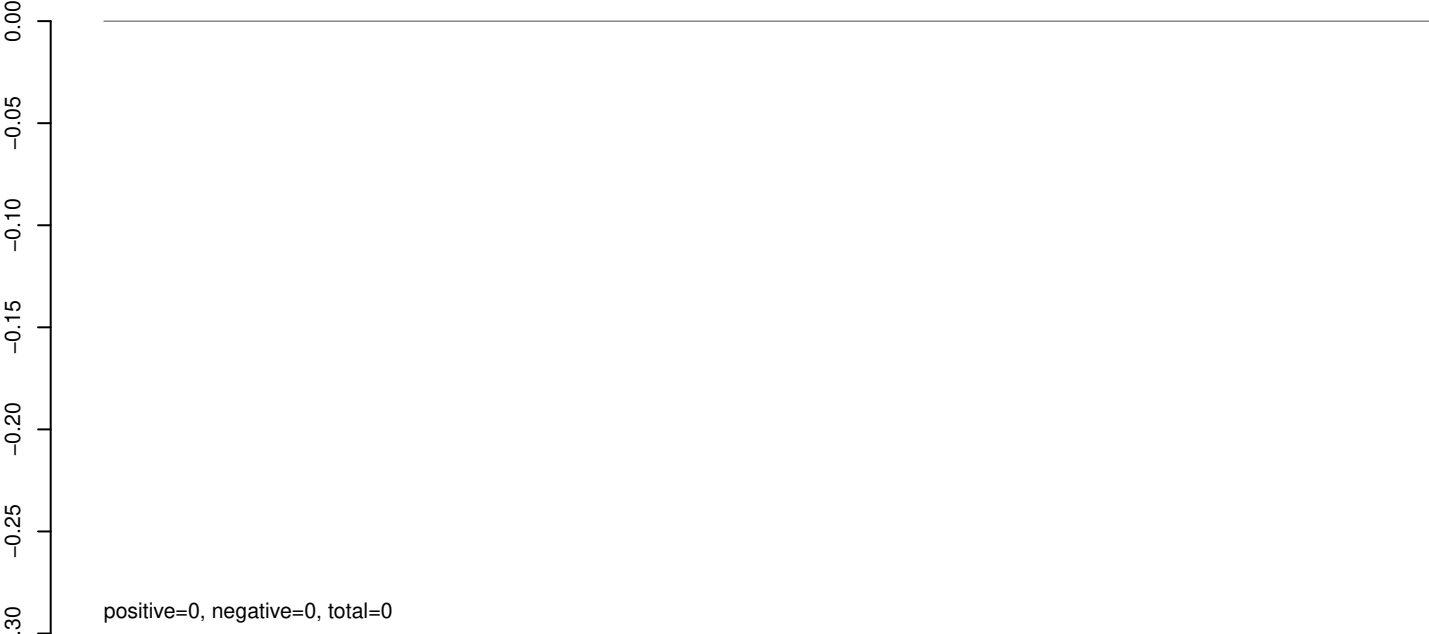


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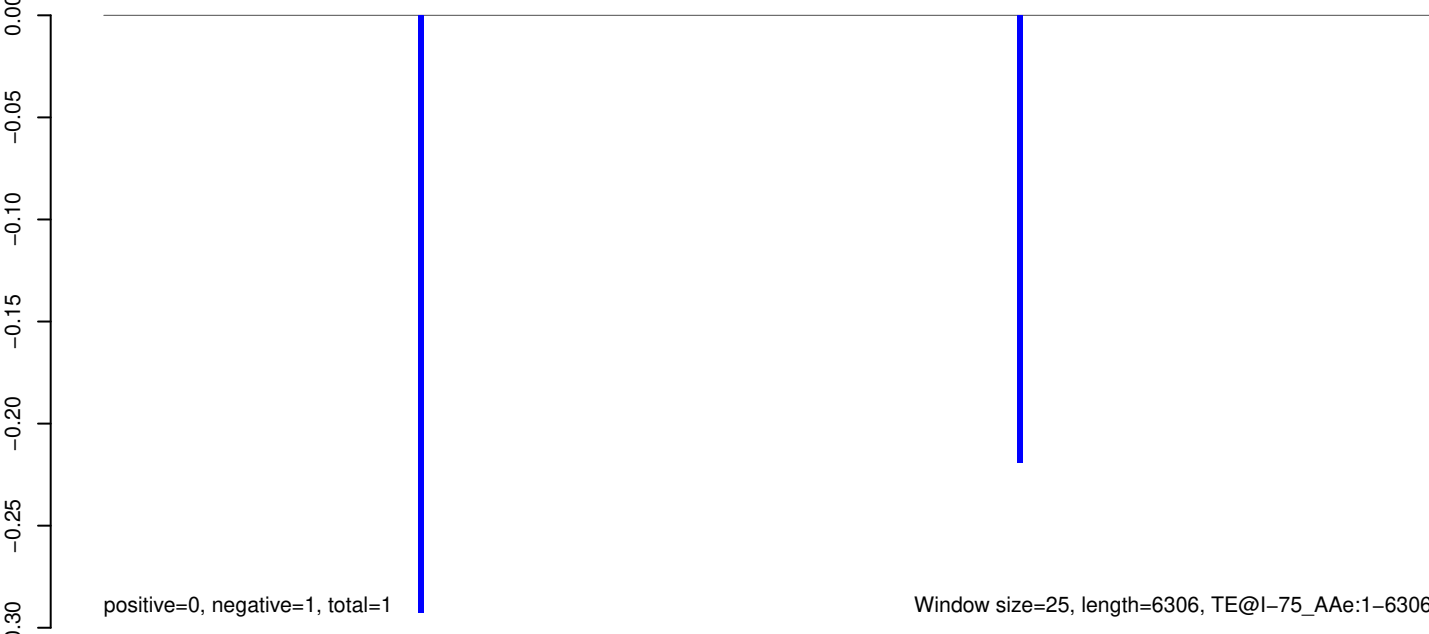
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

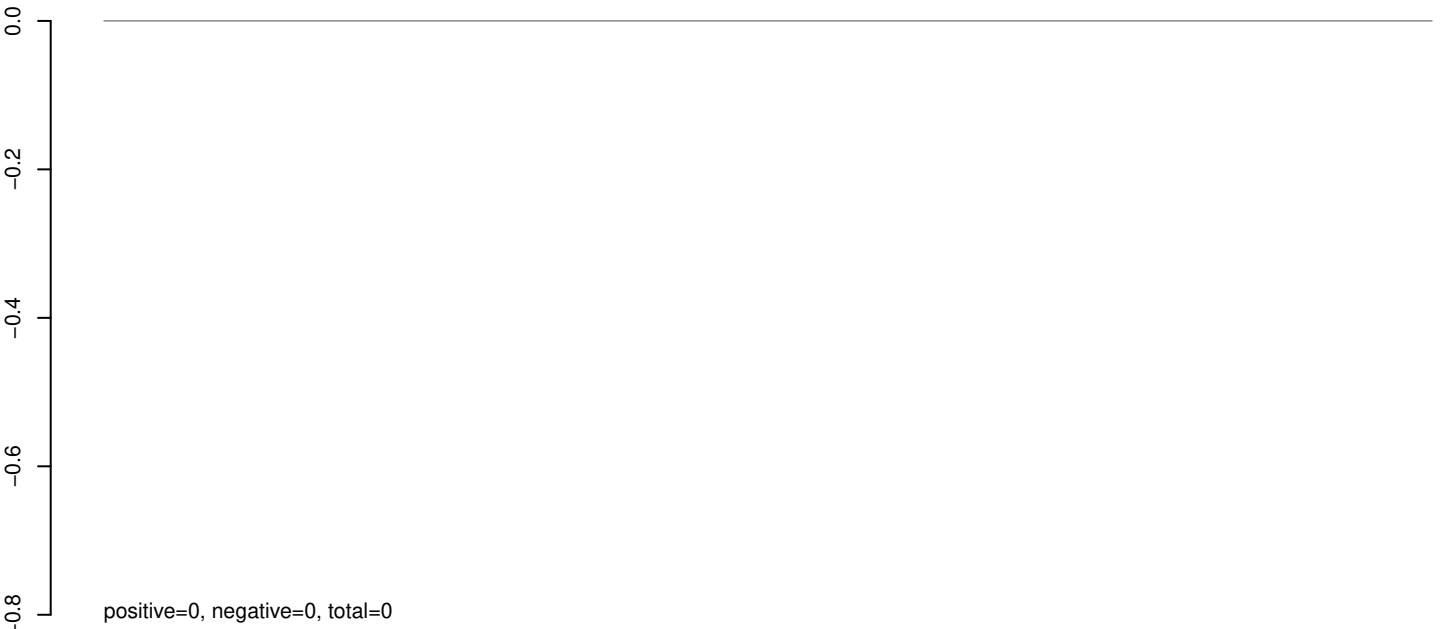


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

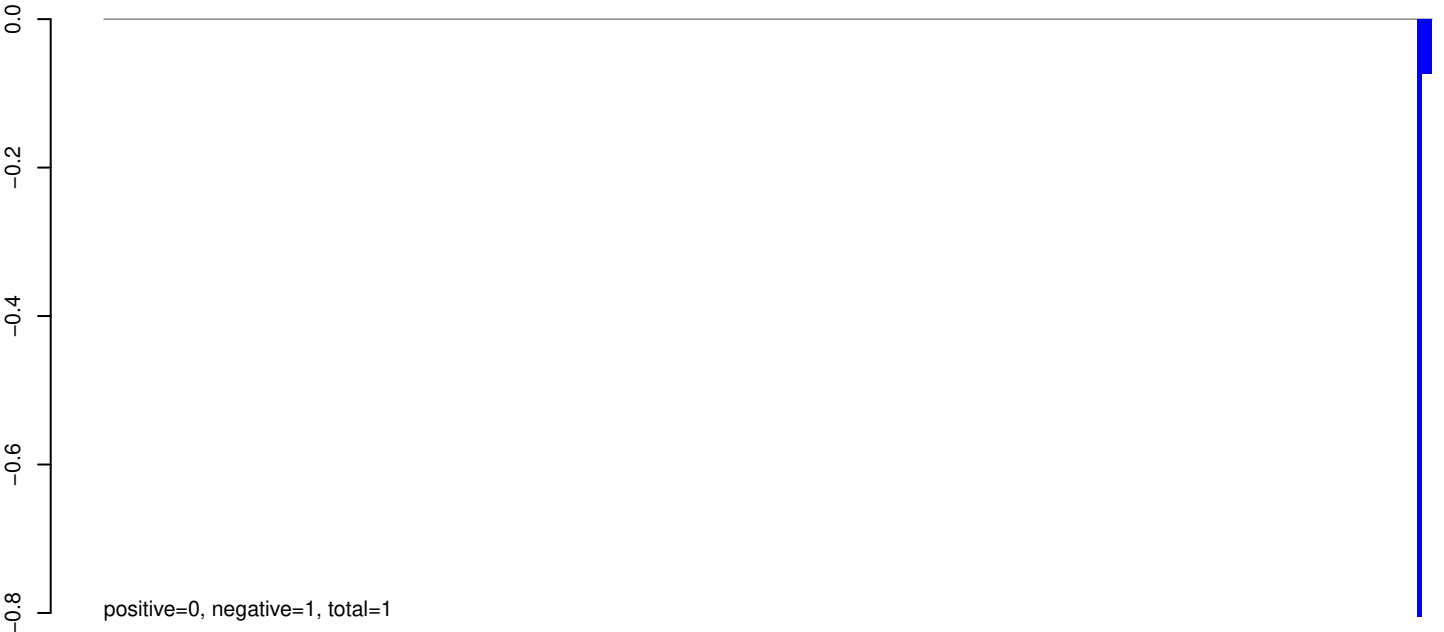




**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



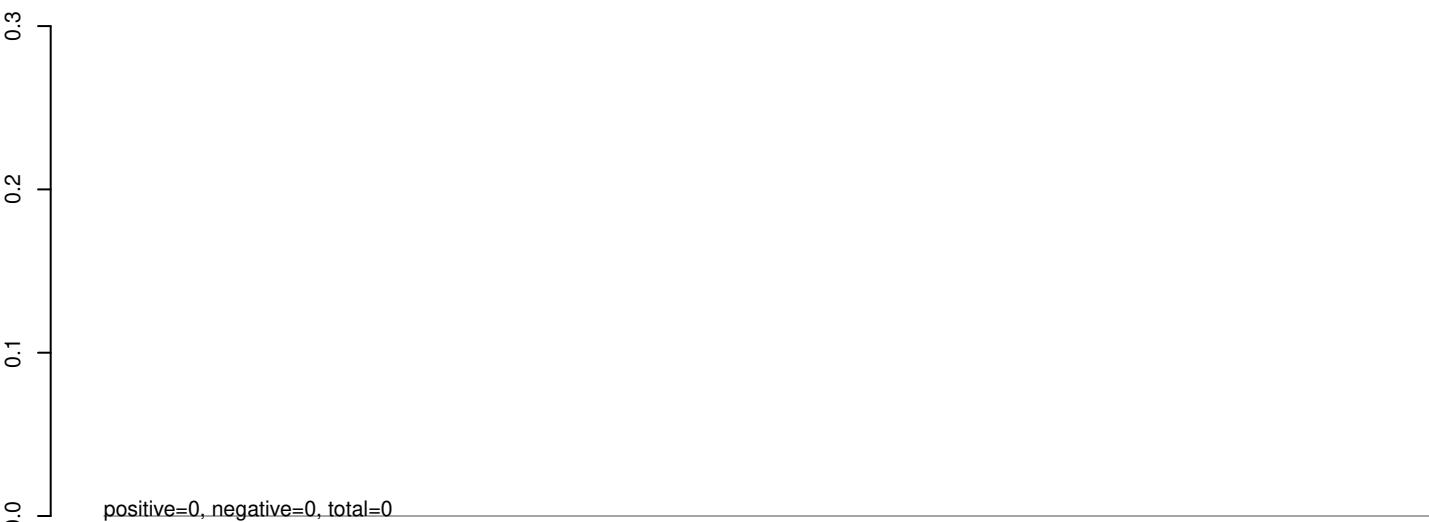
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



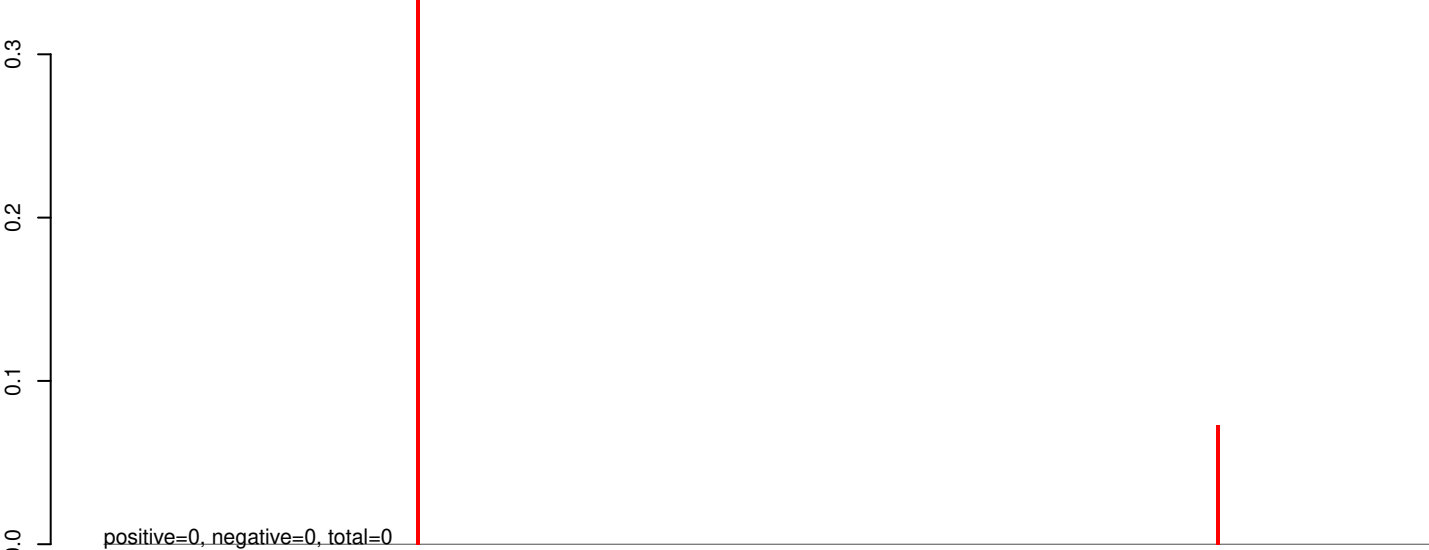
Window size=25, length=6792, TE@Helitron-3\_AAe:1-6792

0 1000 2000 3000 4000 5000 6000 7000

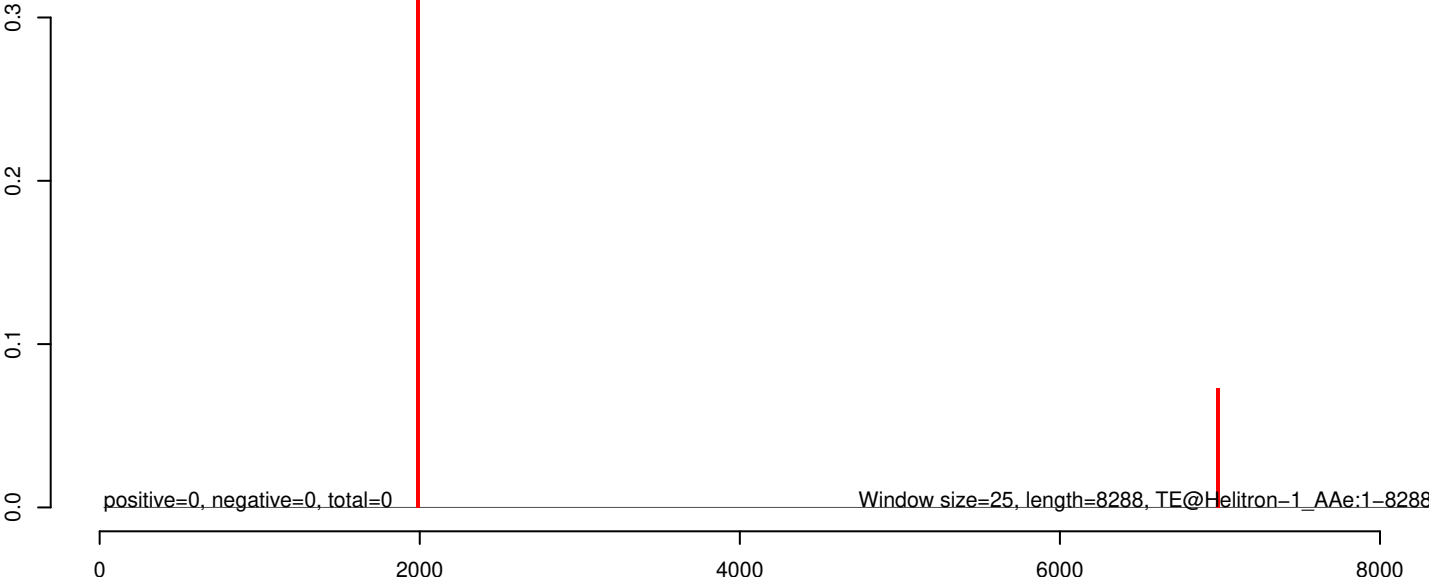
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



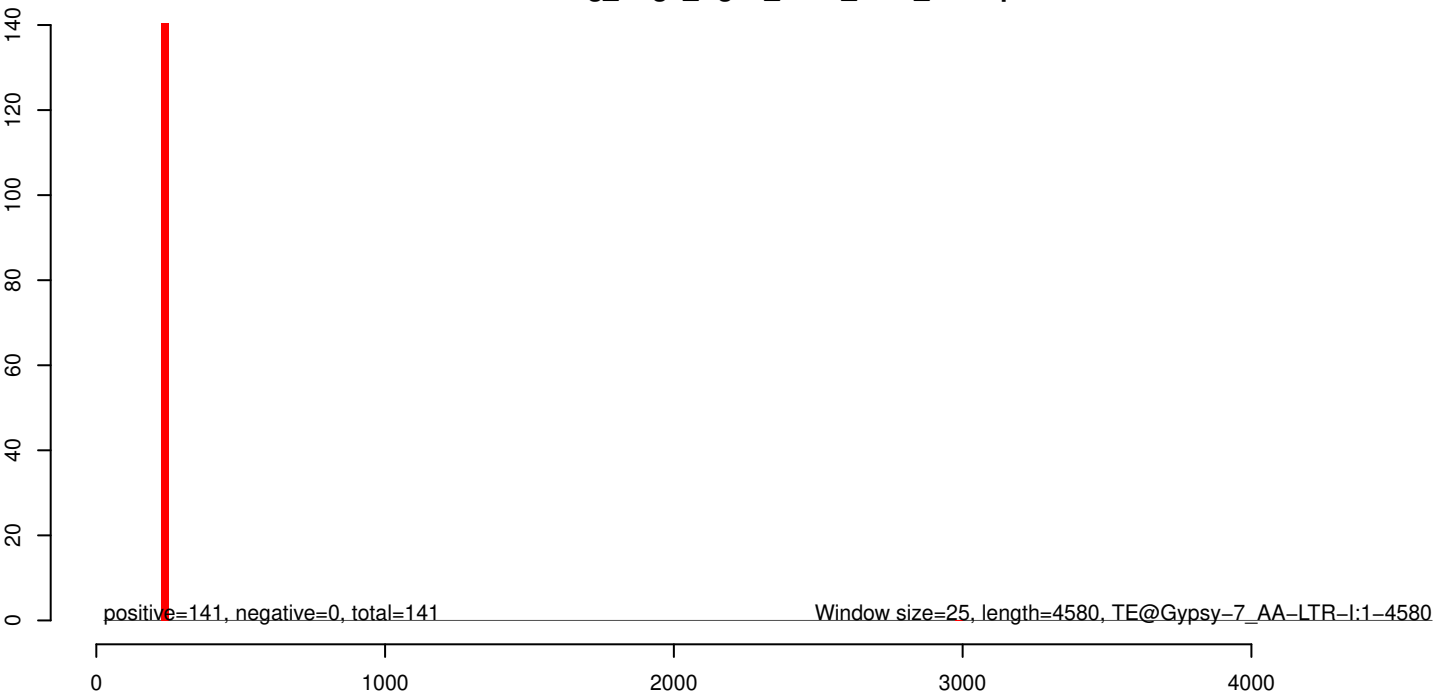
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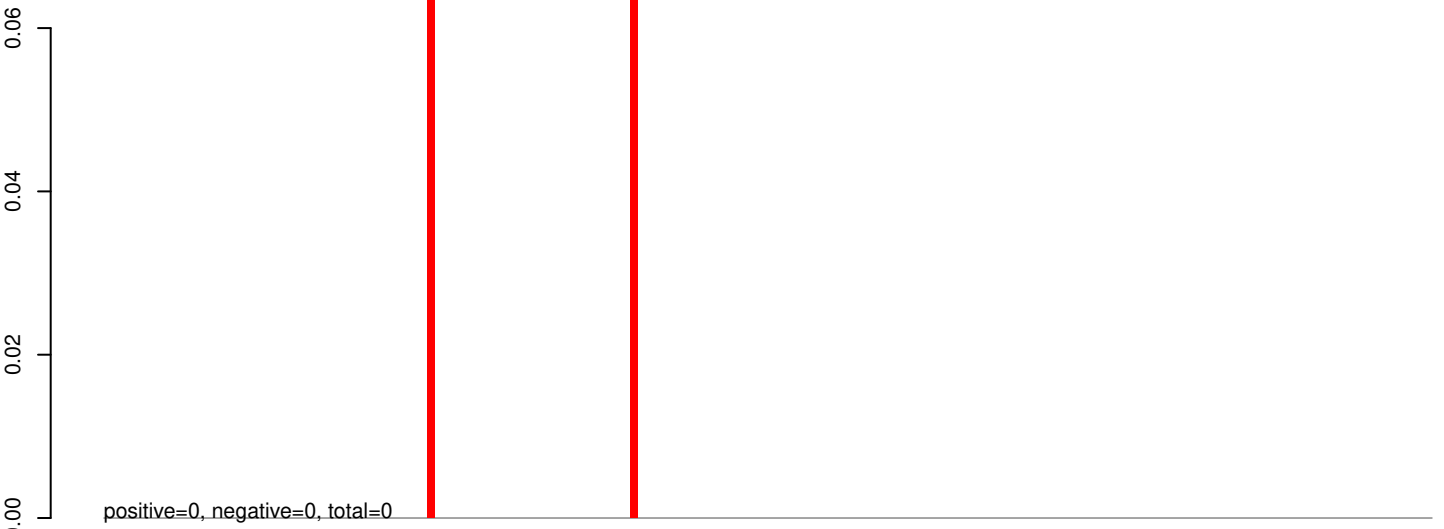
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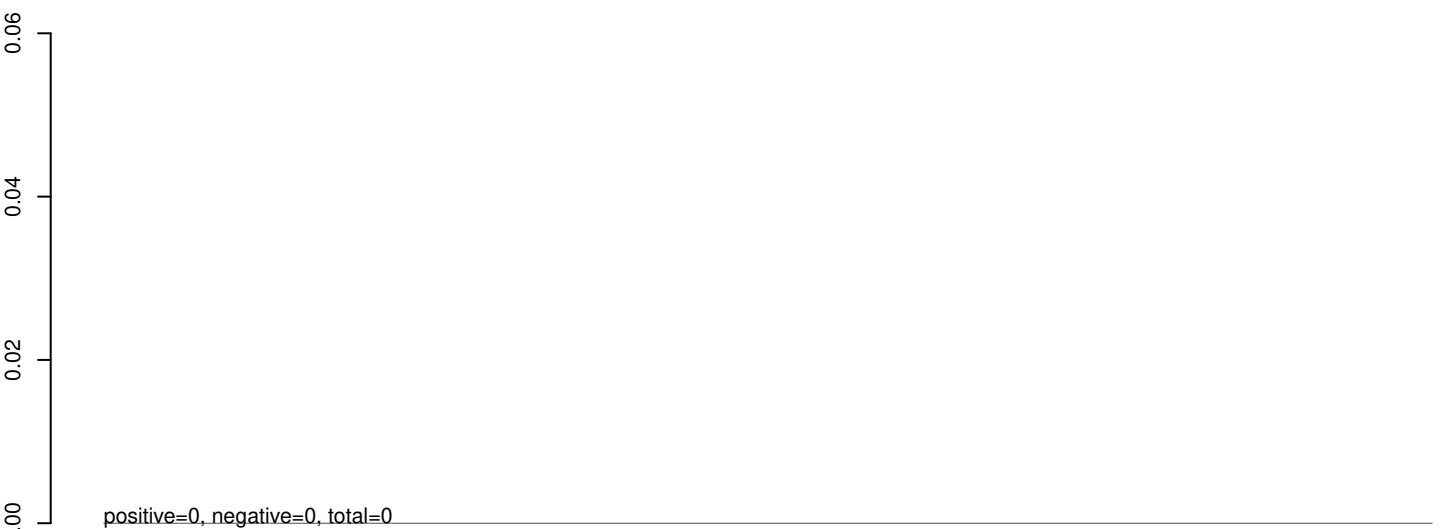
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

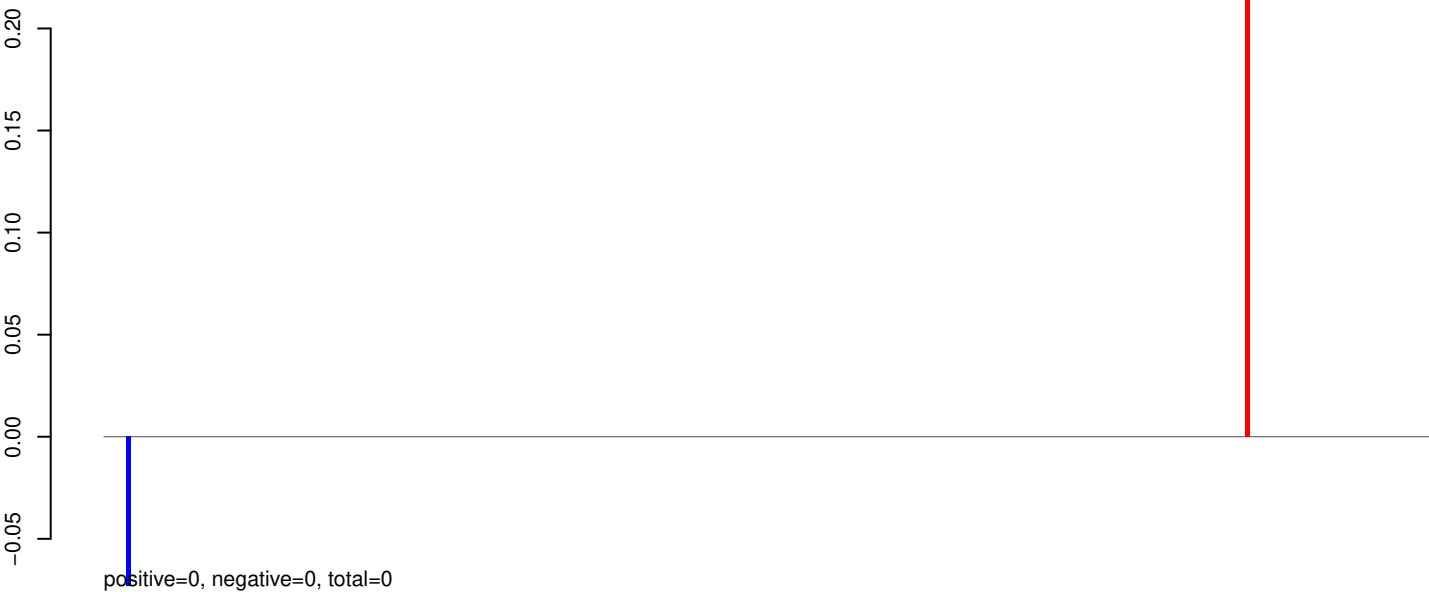


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

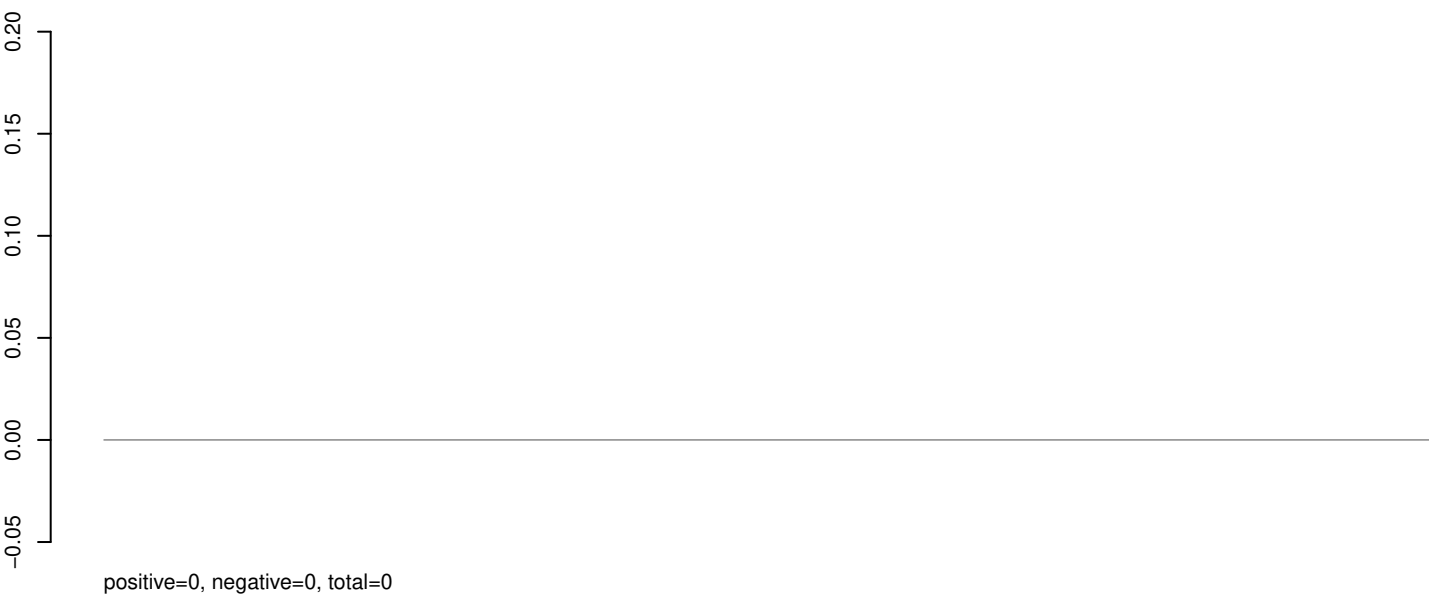


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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

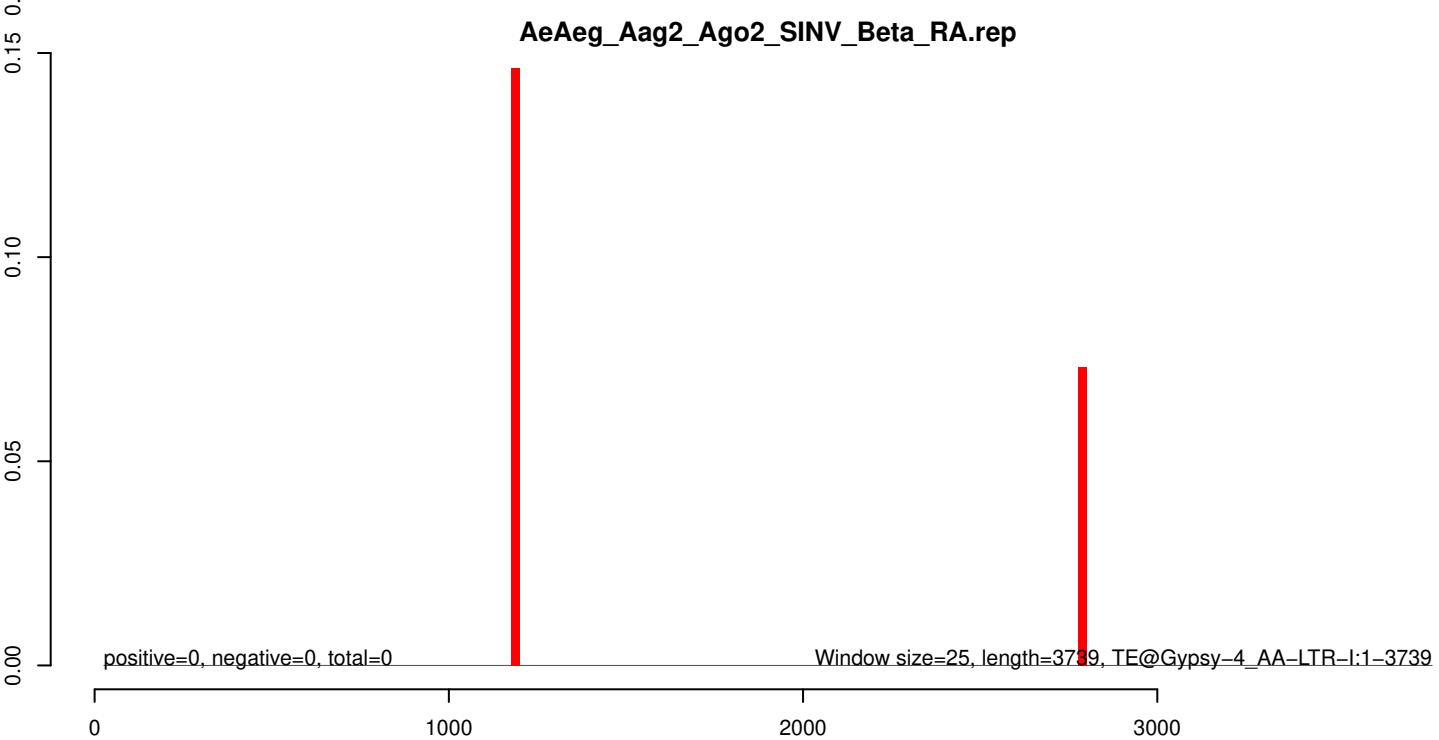
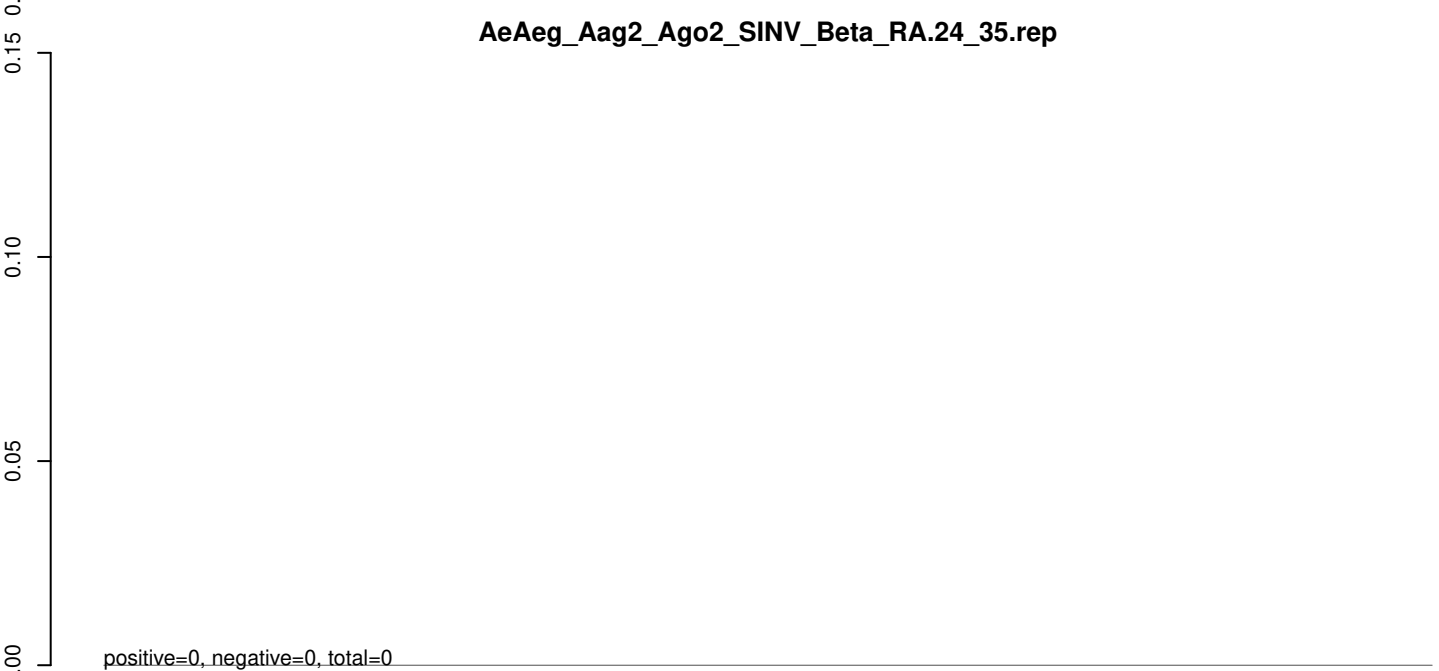
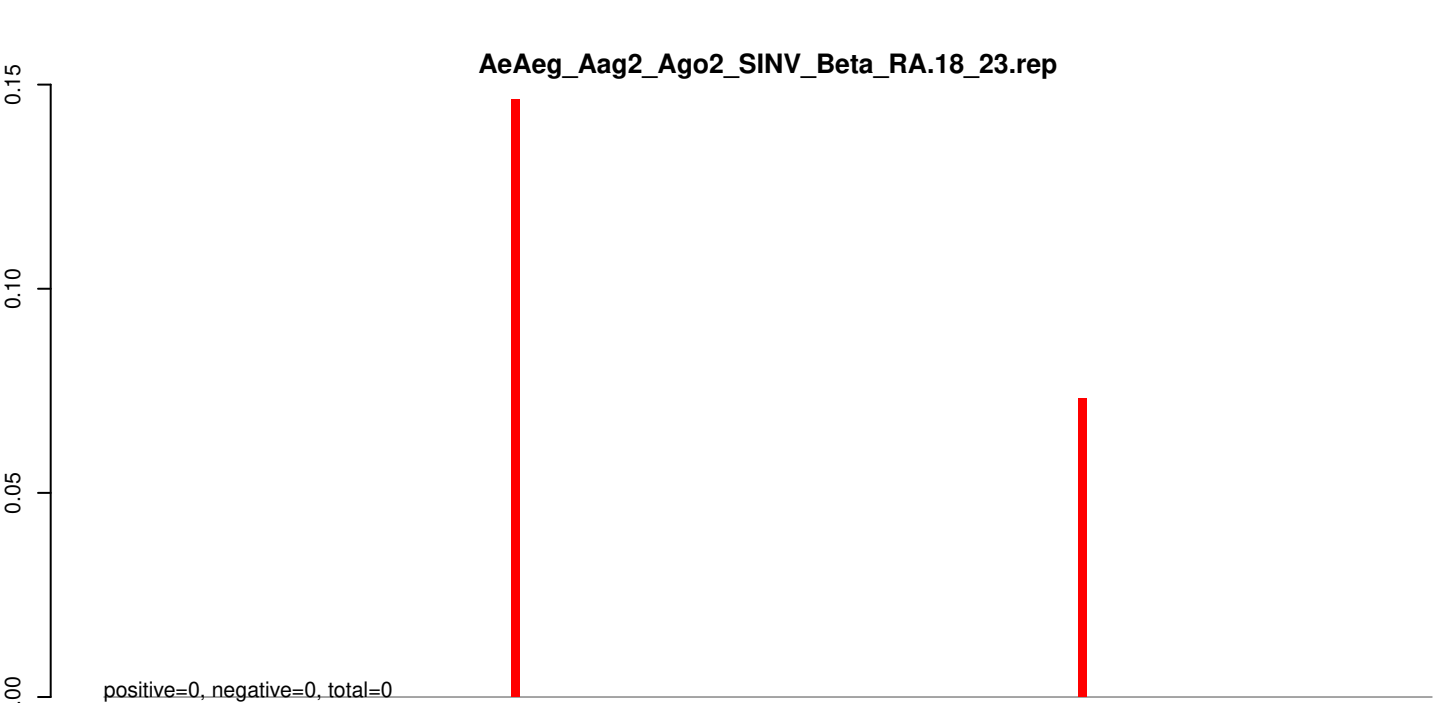


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

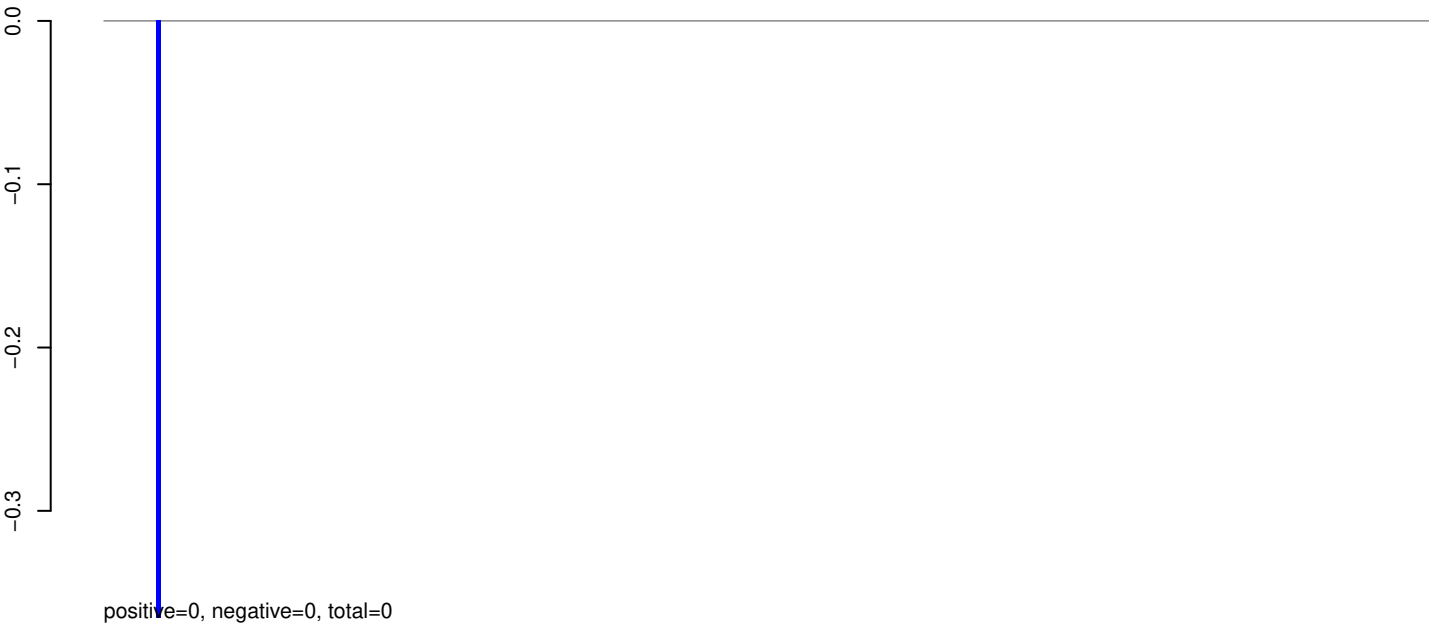


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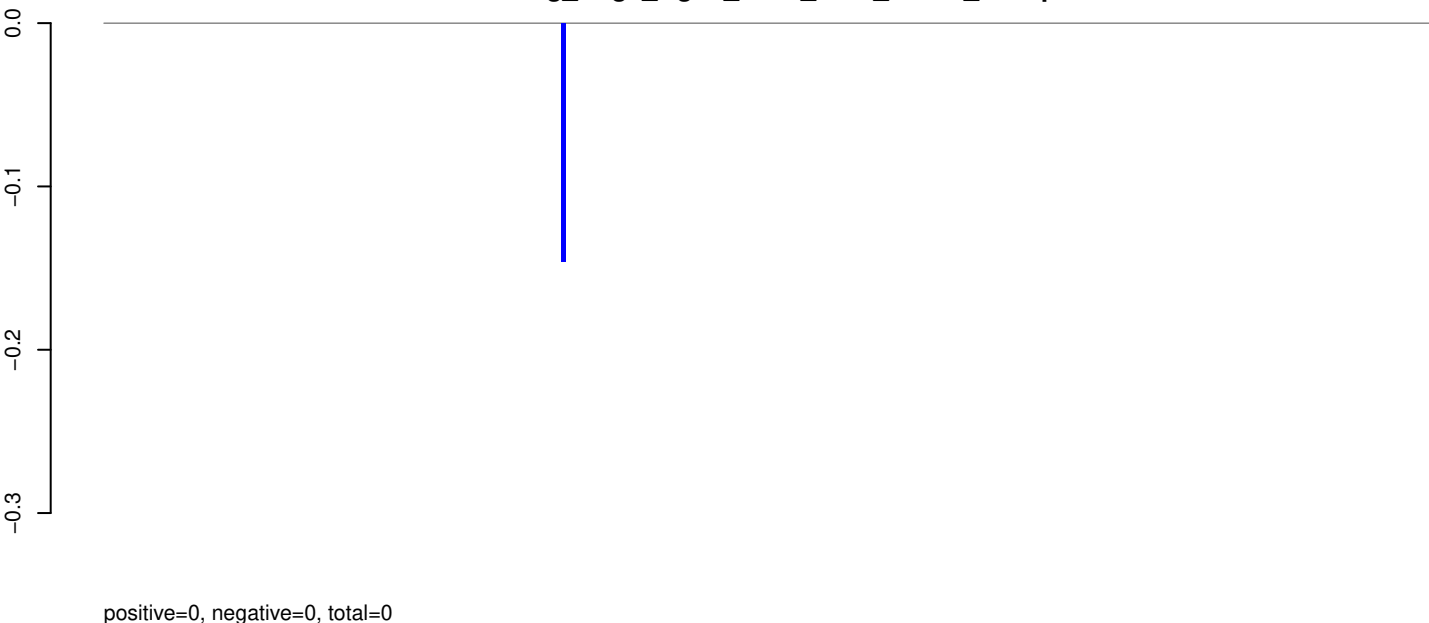




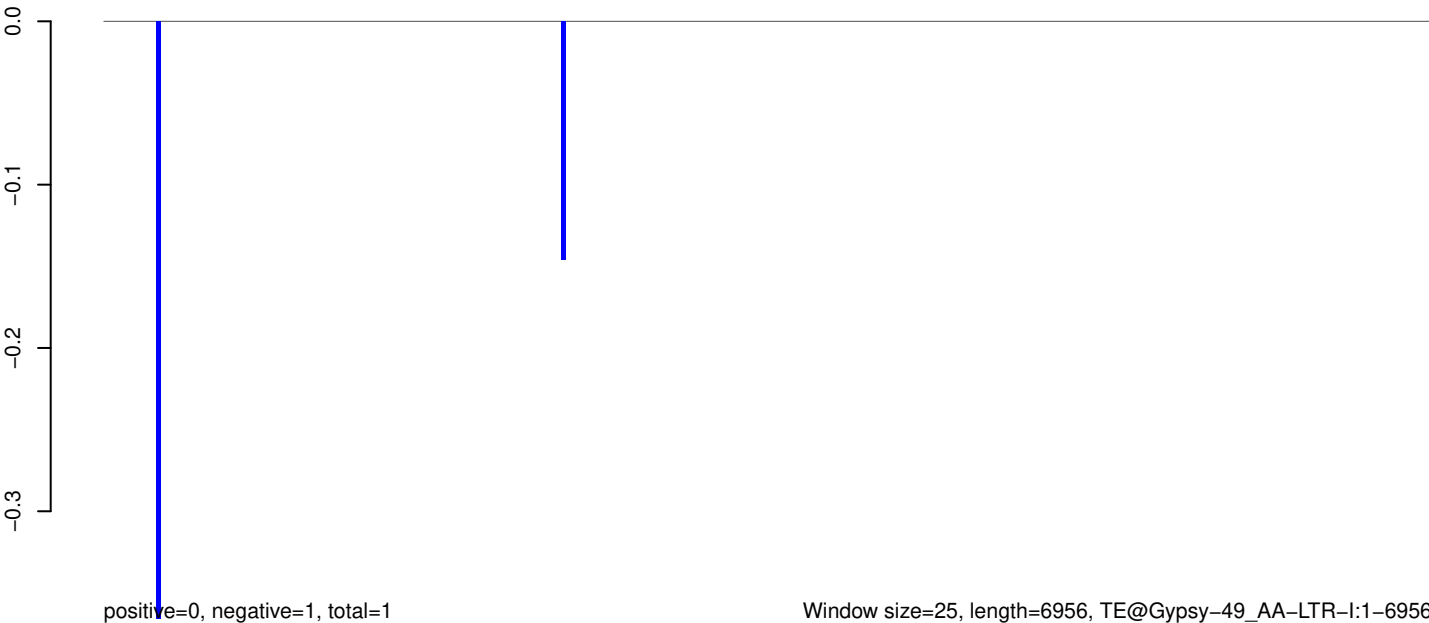
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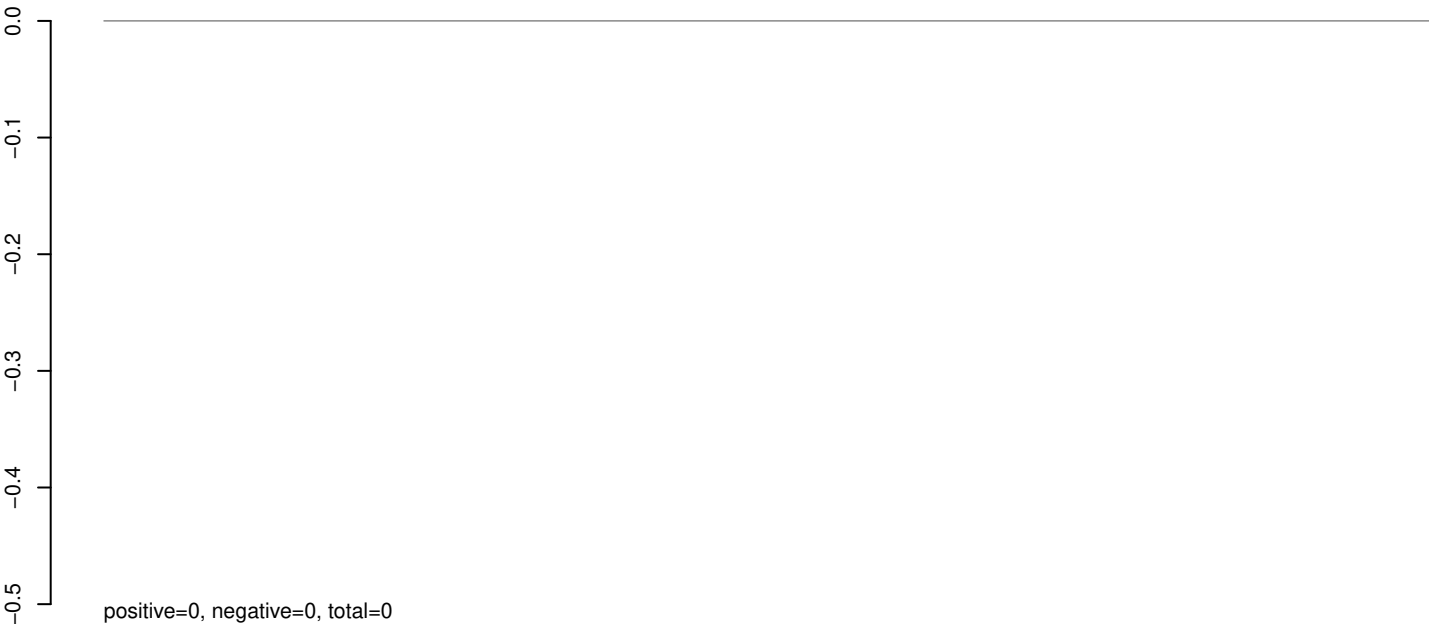
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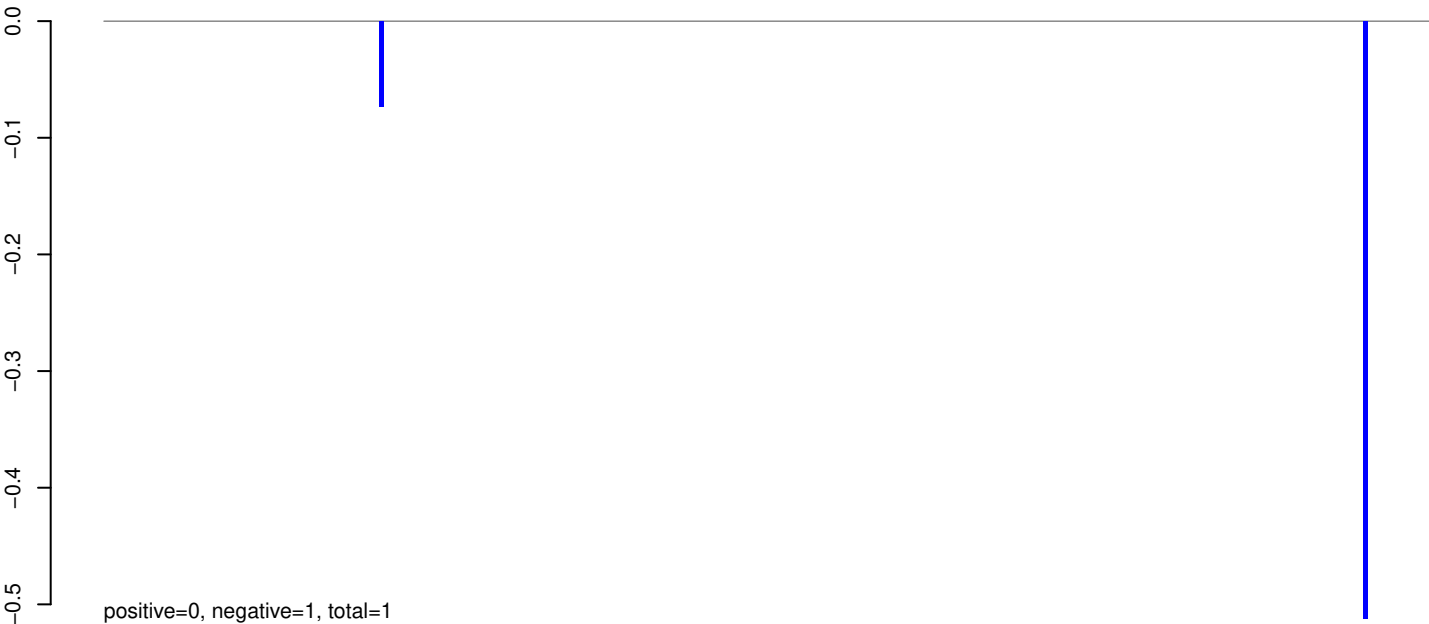
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



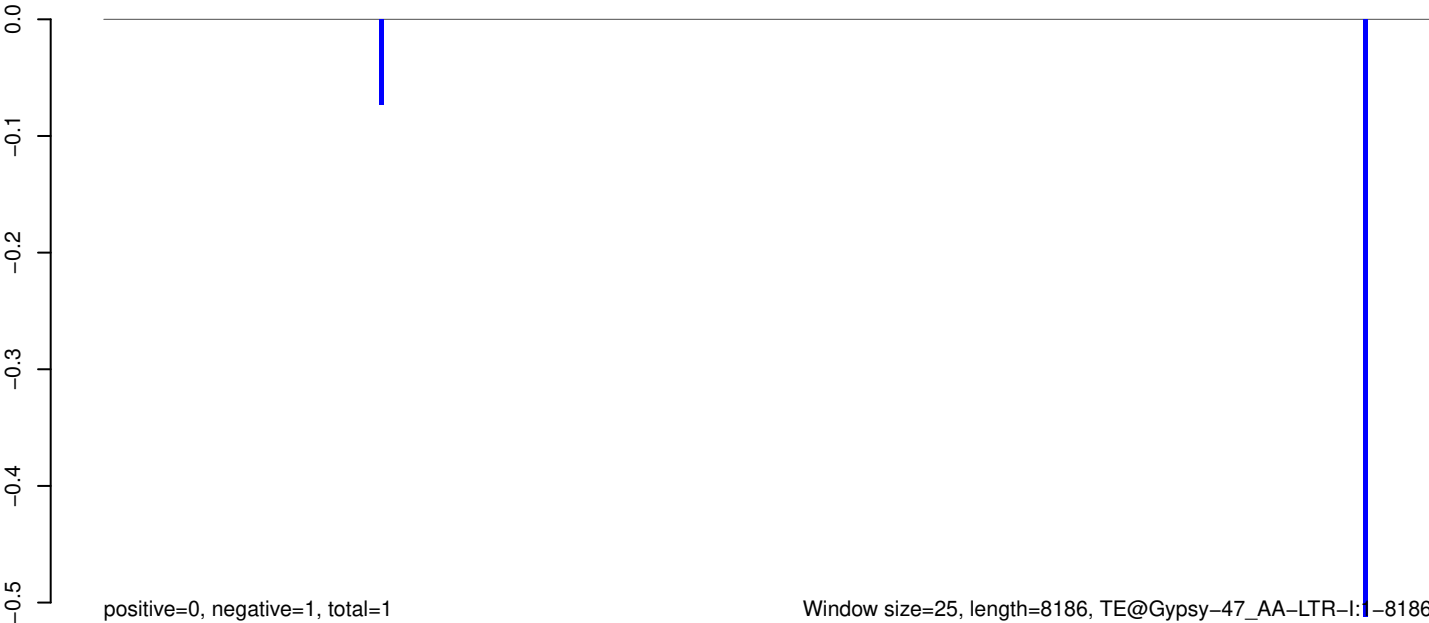
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

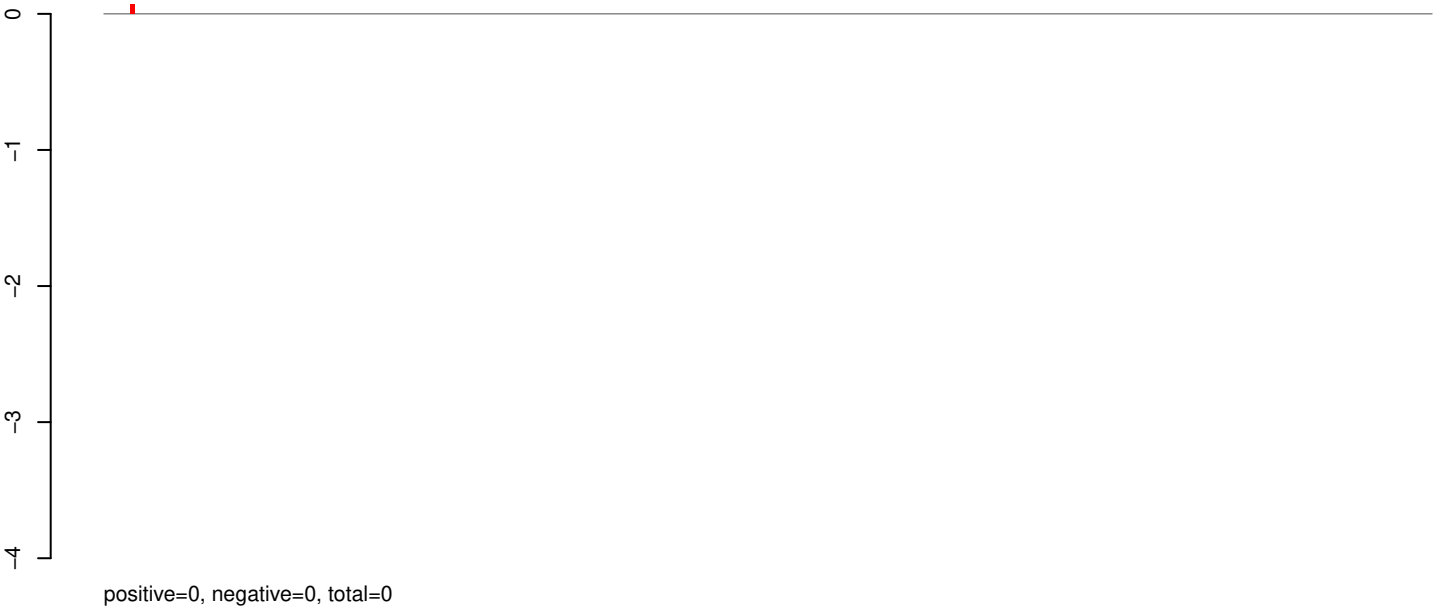


Window size=25, length=8186, TE@Gypsy-47\_AA-LTR-I:1-8186

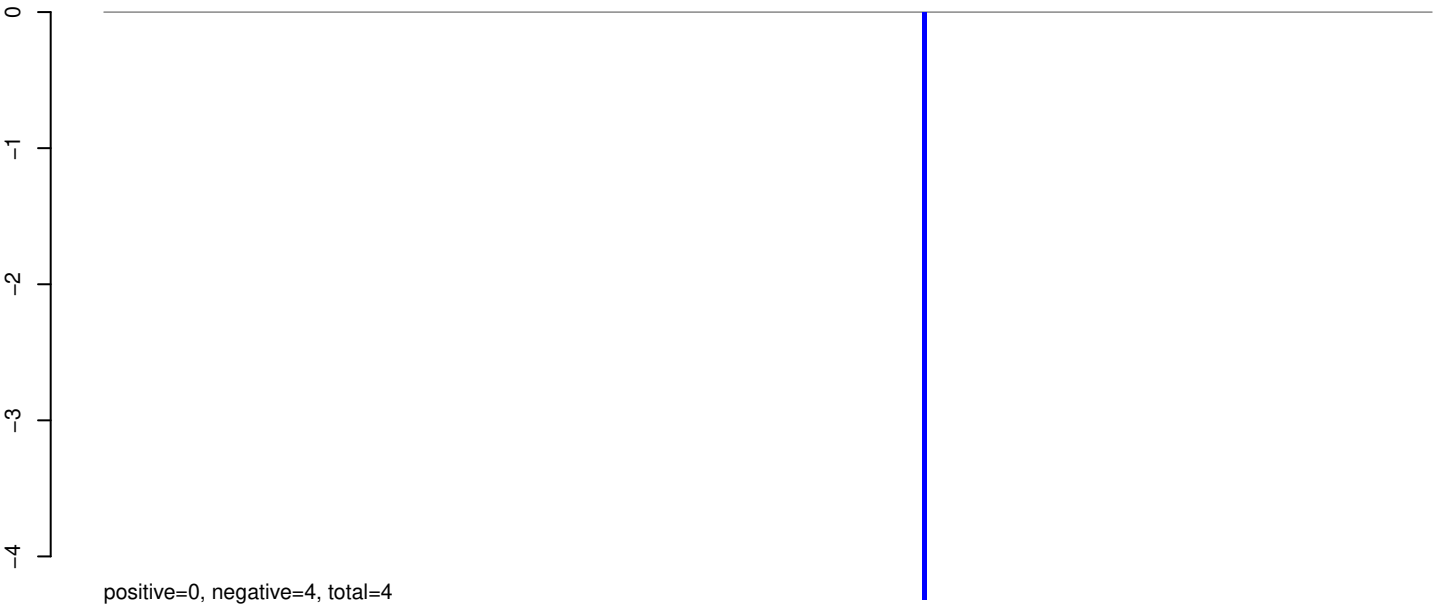
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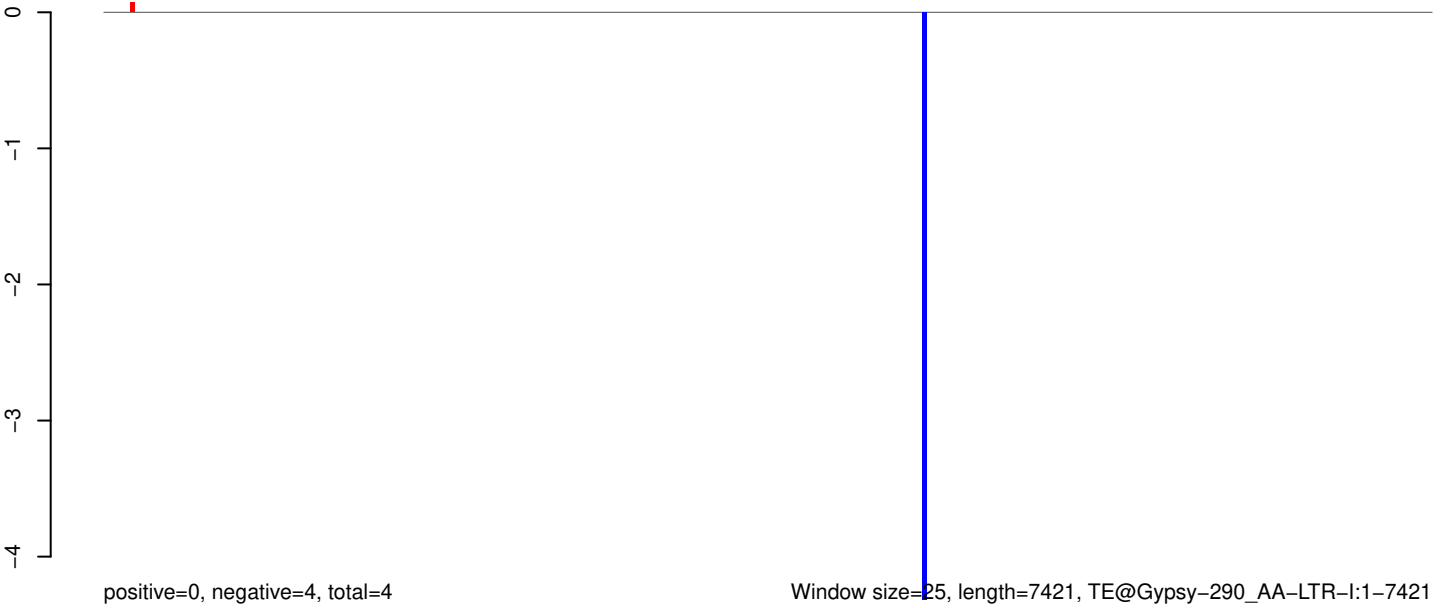
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



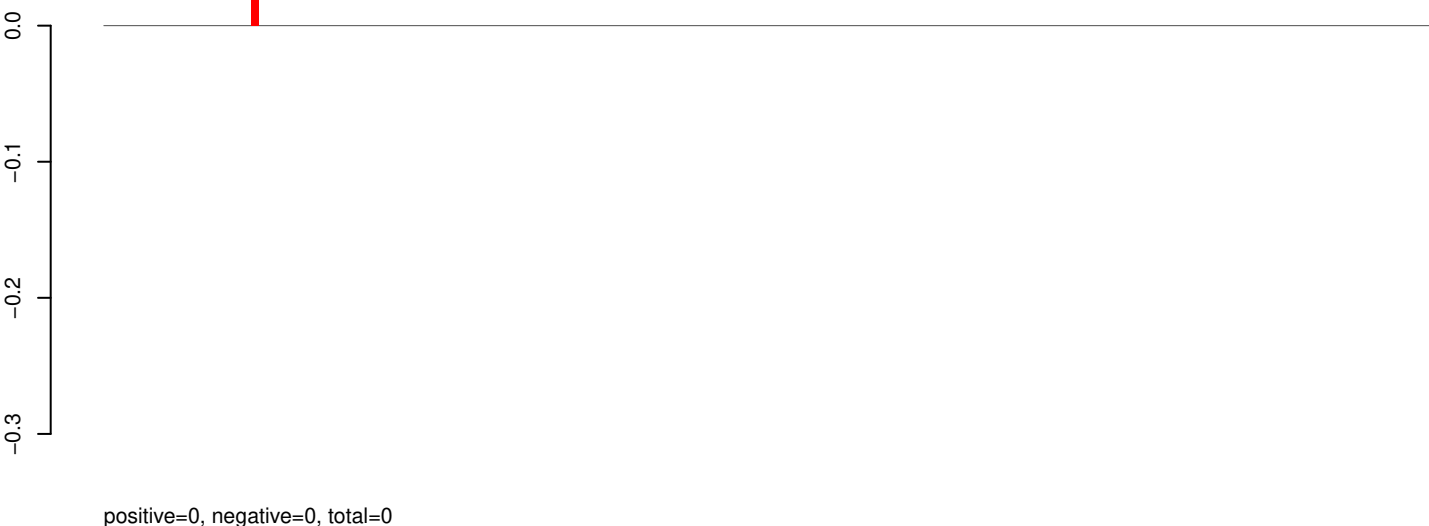
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0 2000 4000 6000

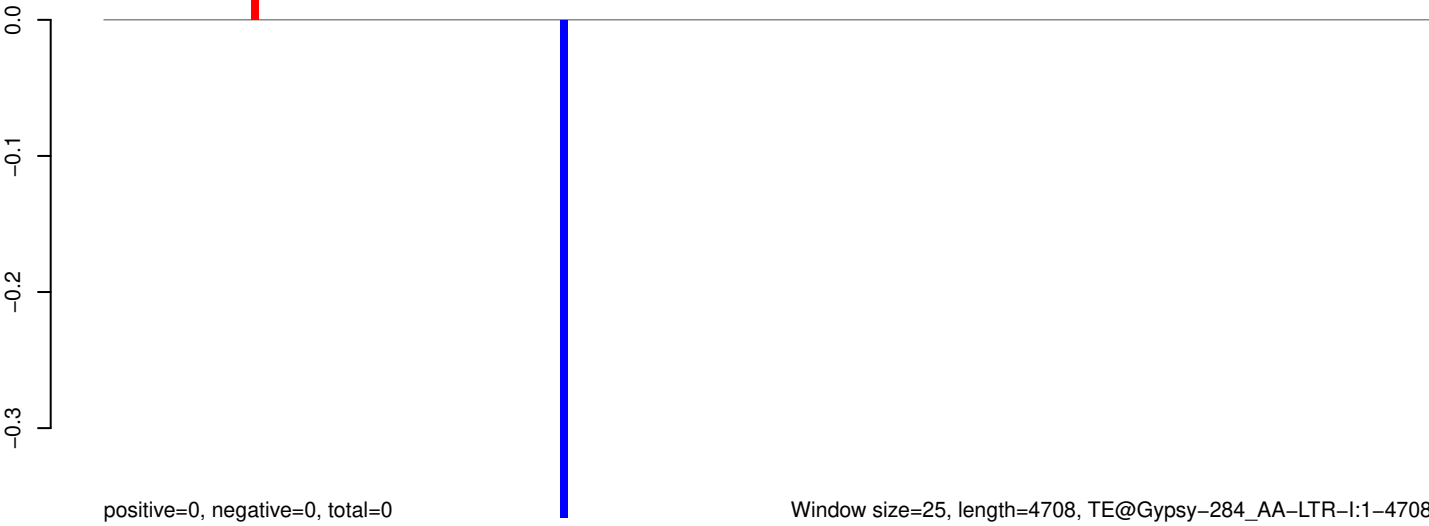
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



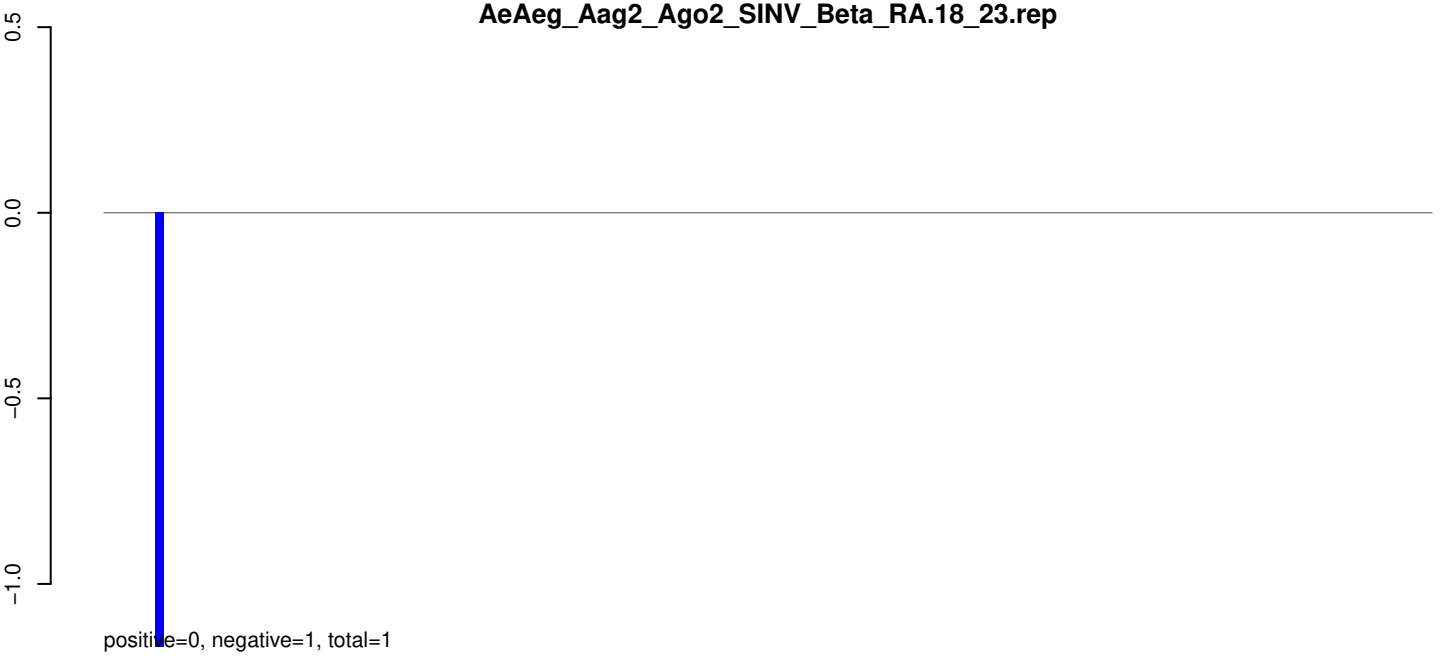
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=4708, TE@Gypsy-284\_AA-LTR-I:1-4708

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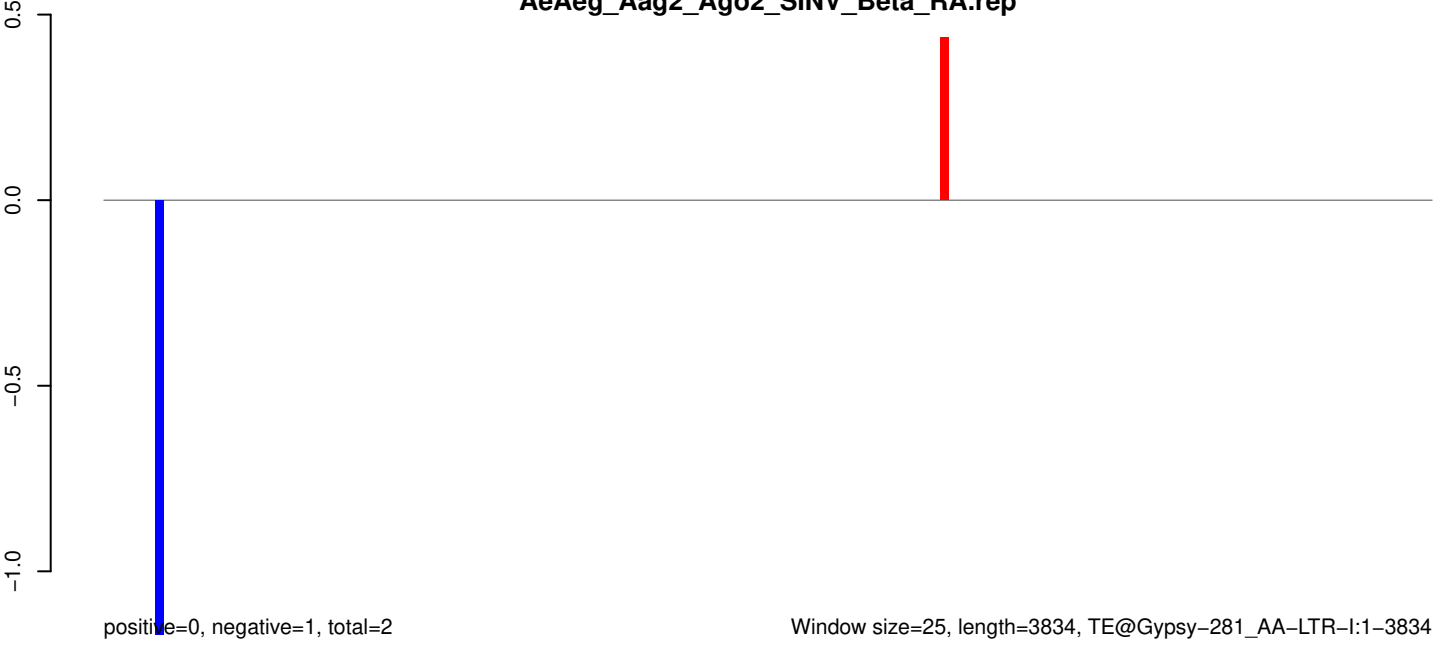
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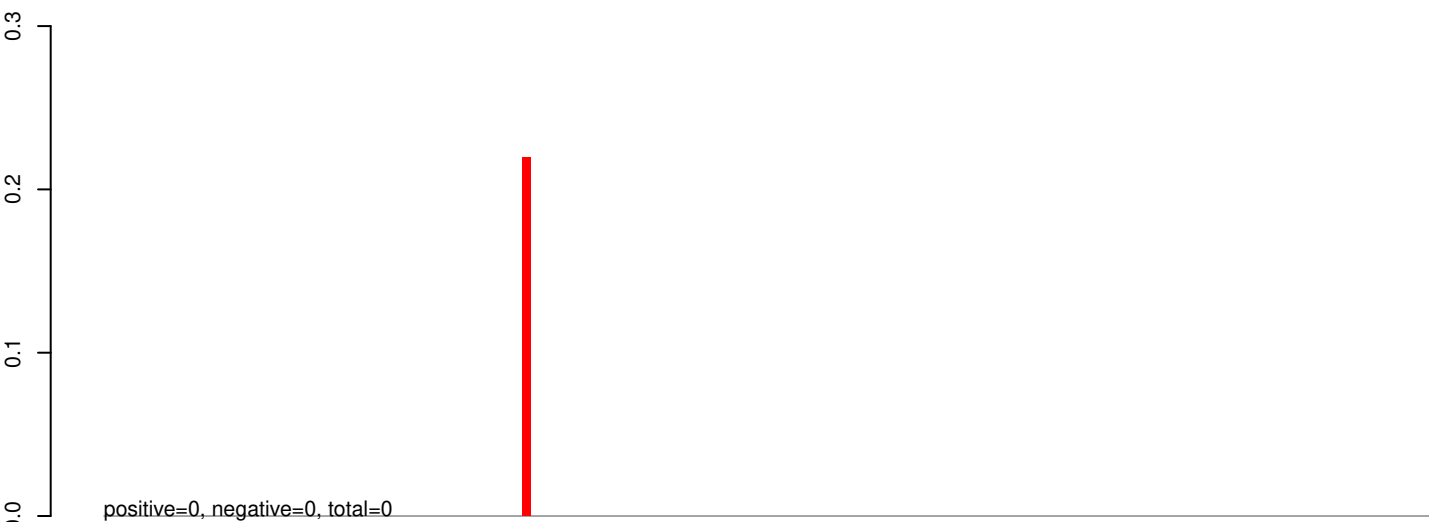
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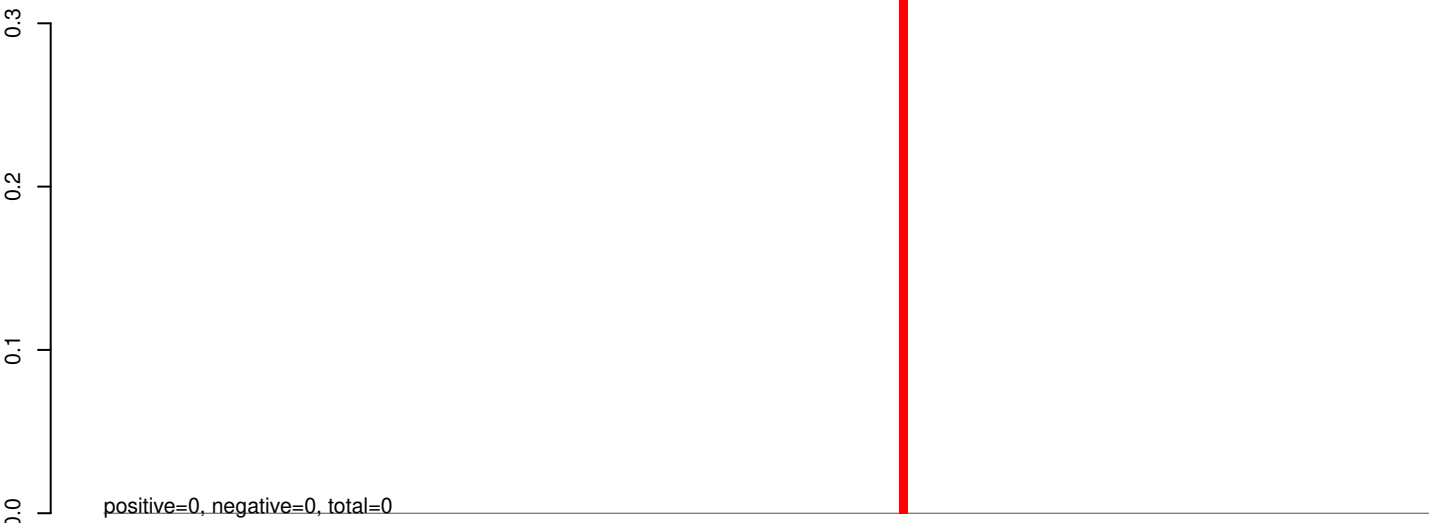
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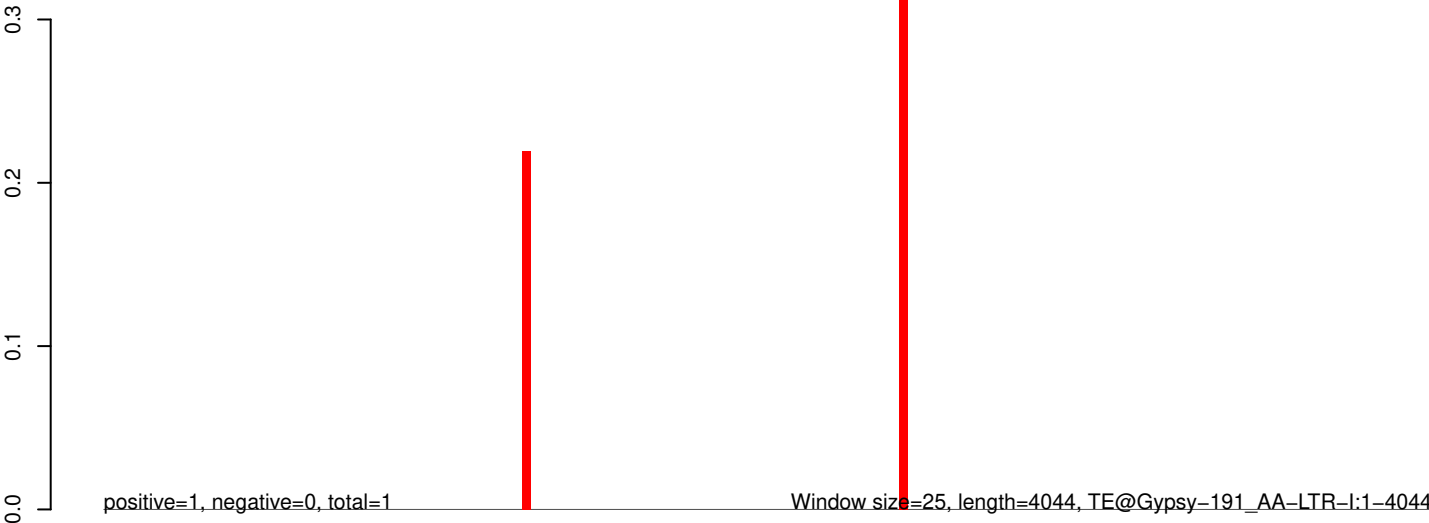
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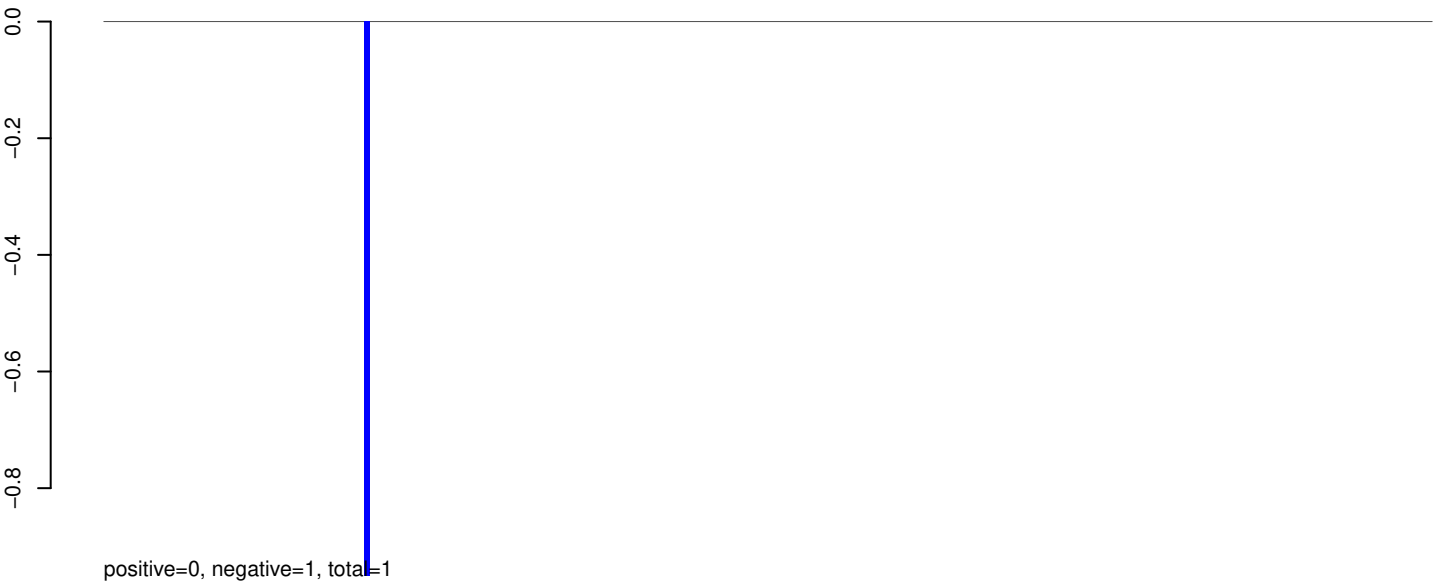
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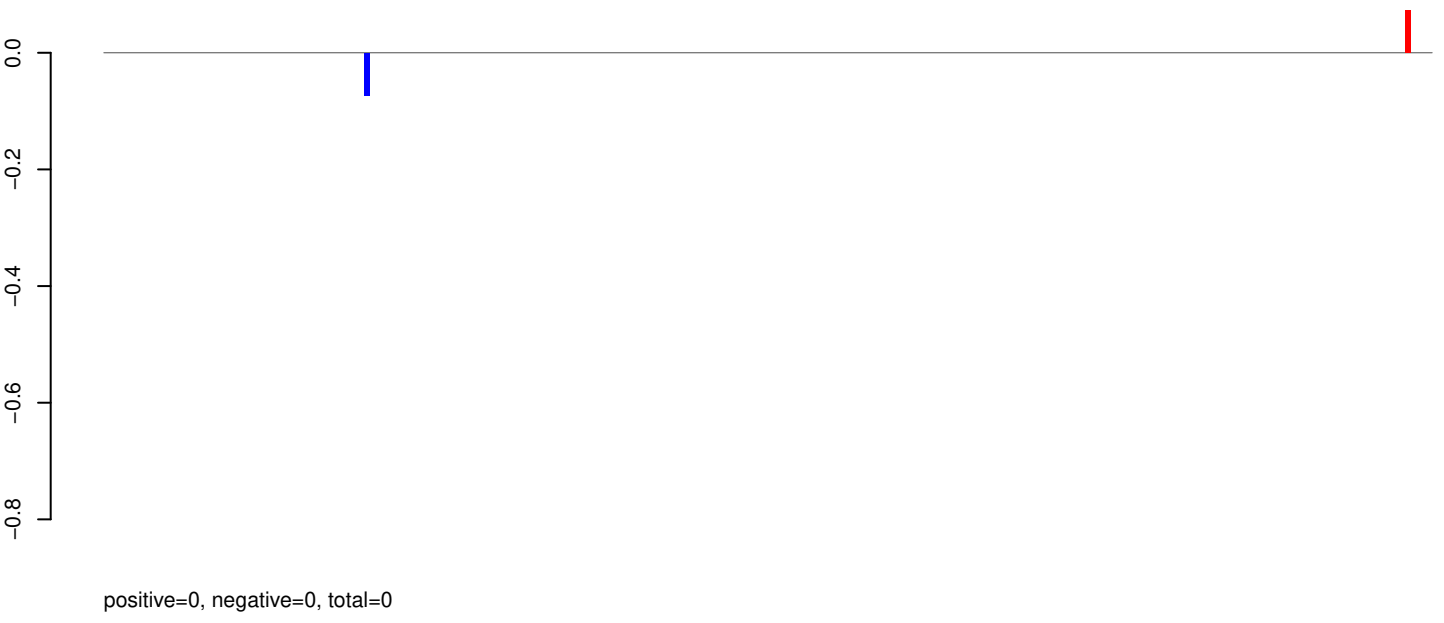
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



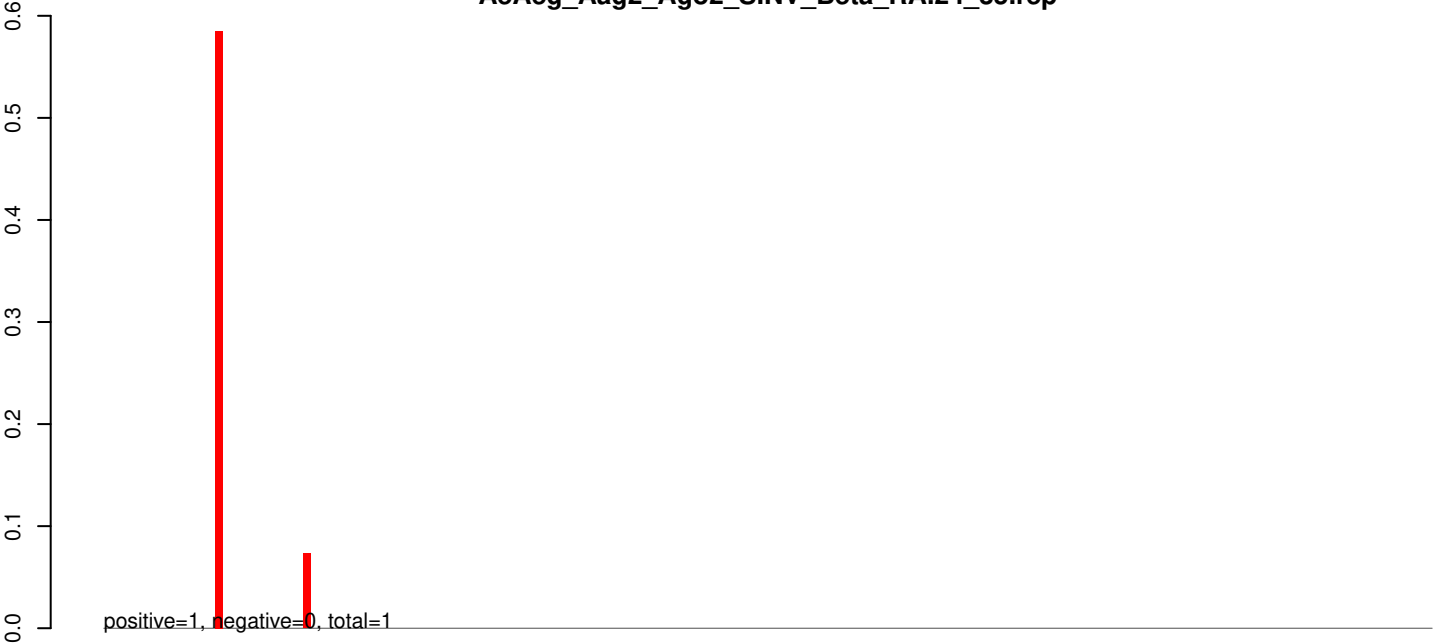
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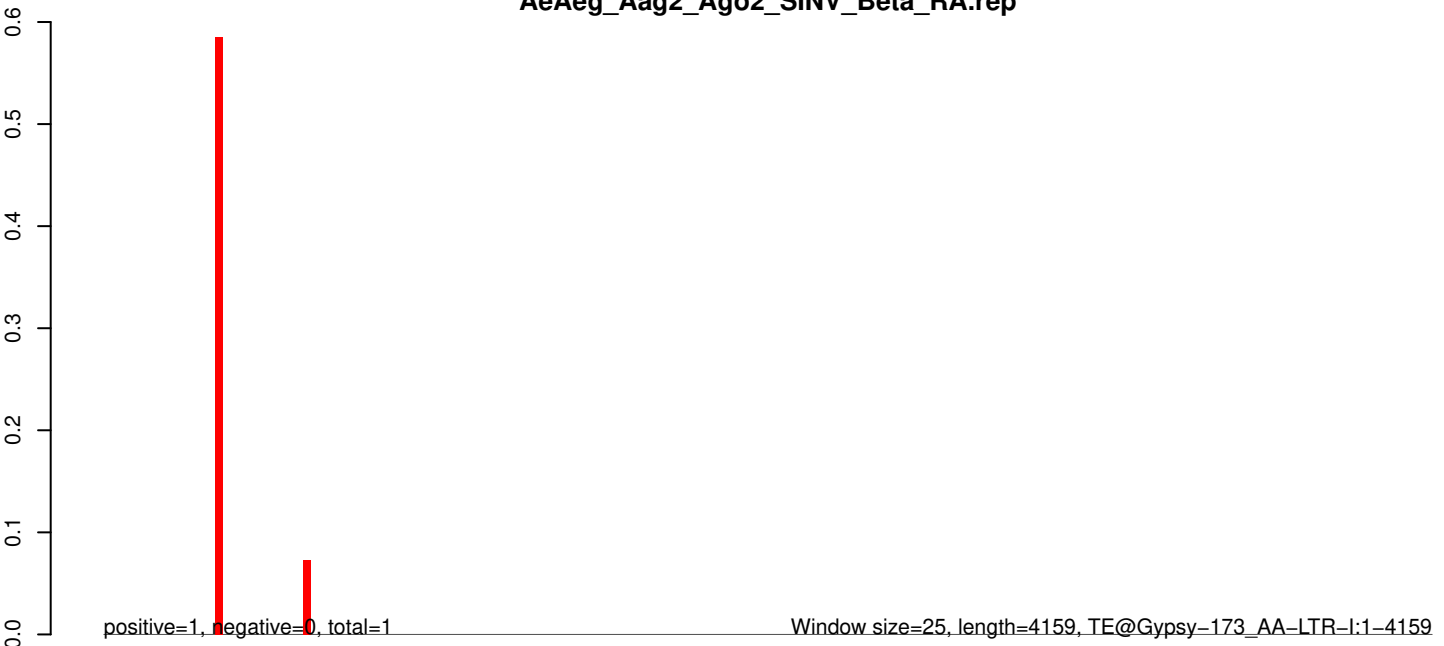
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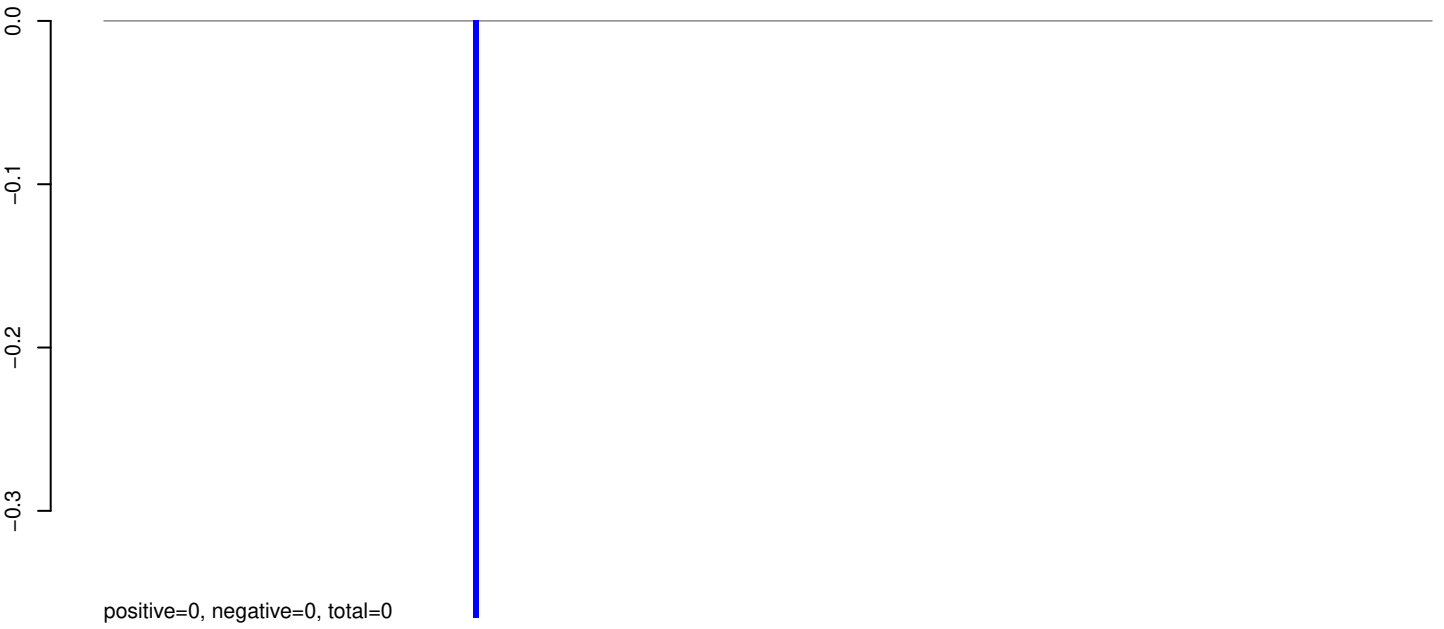


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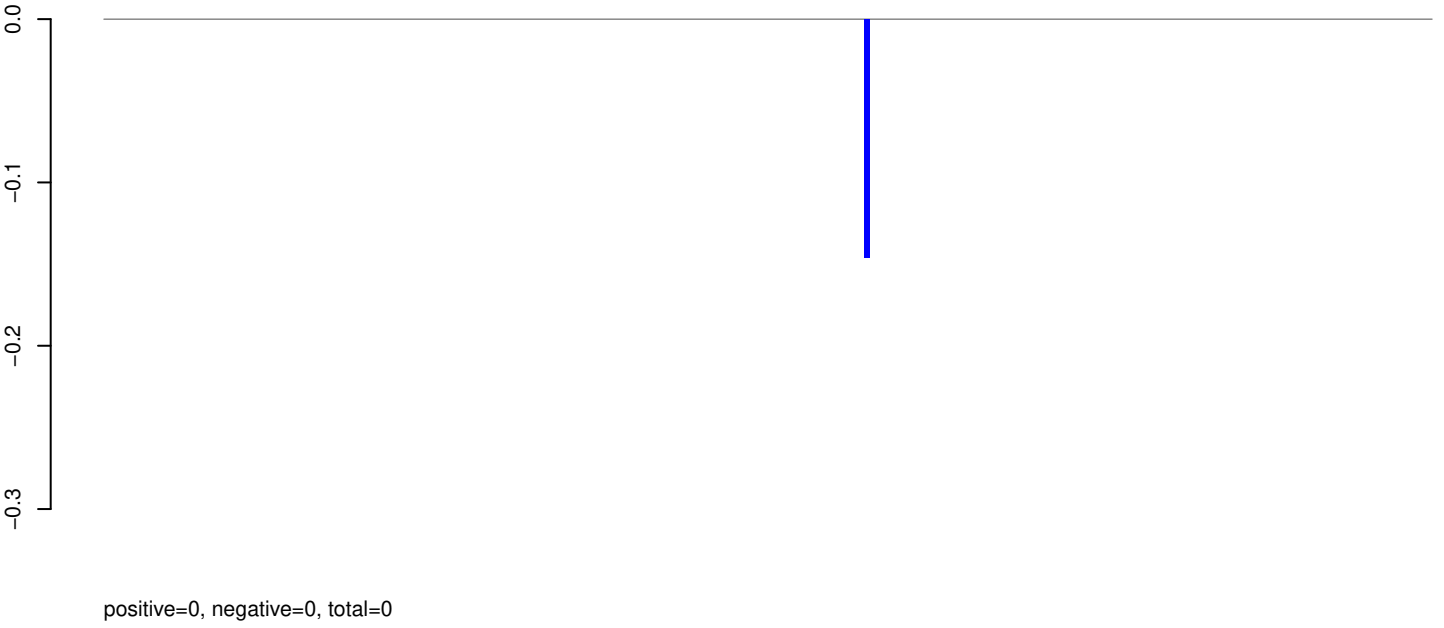


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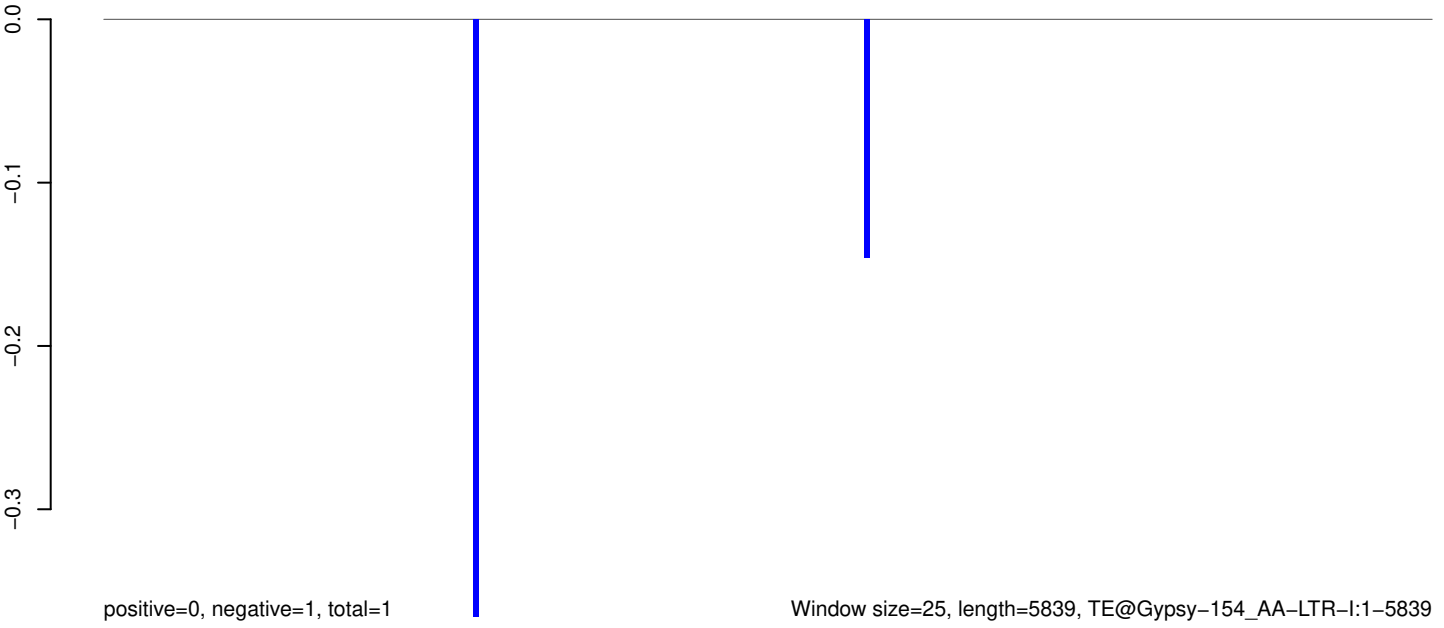
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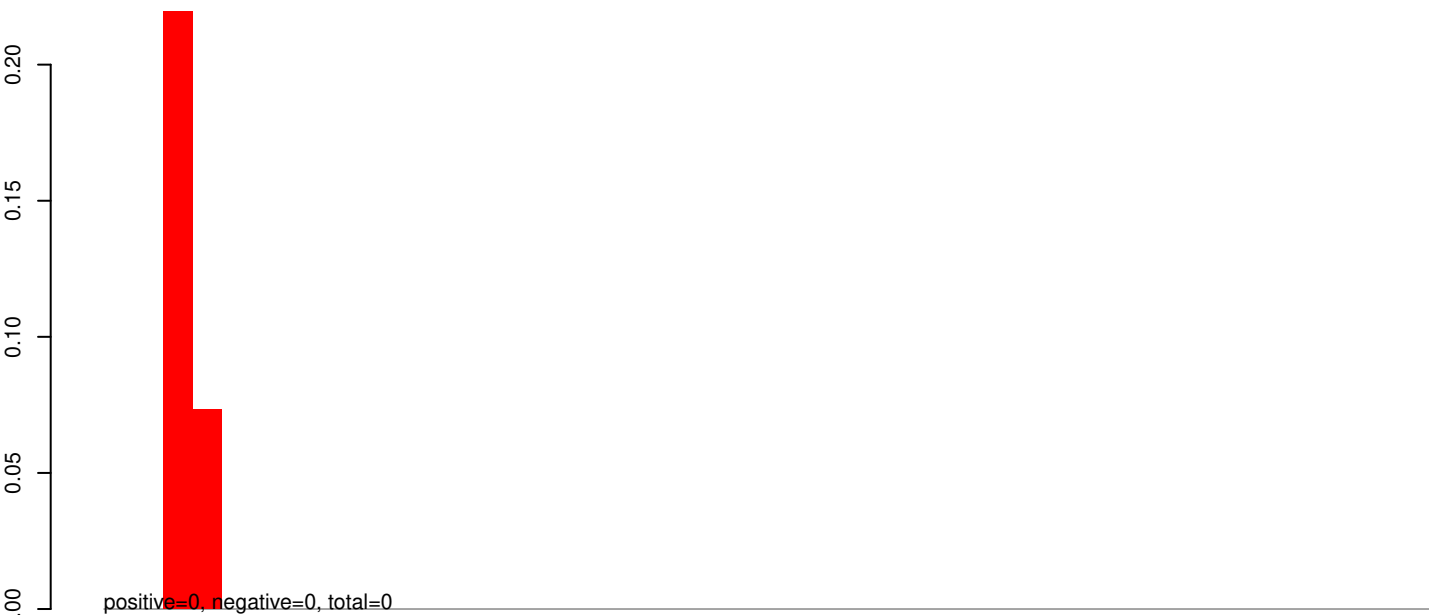
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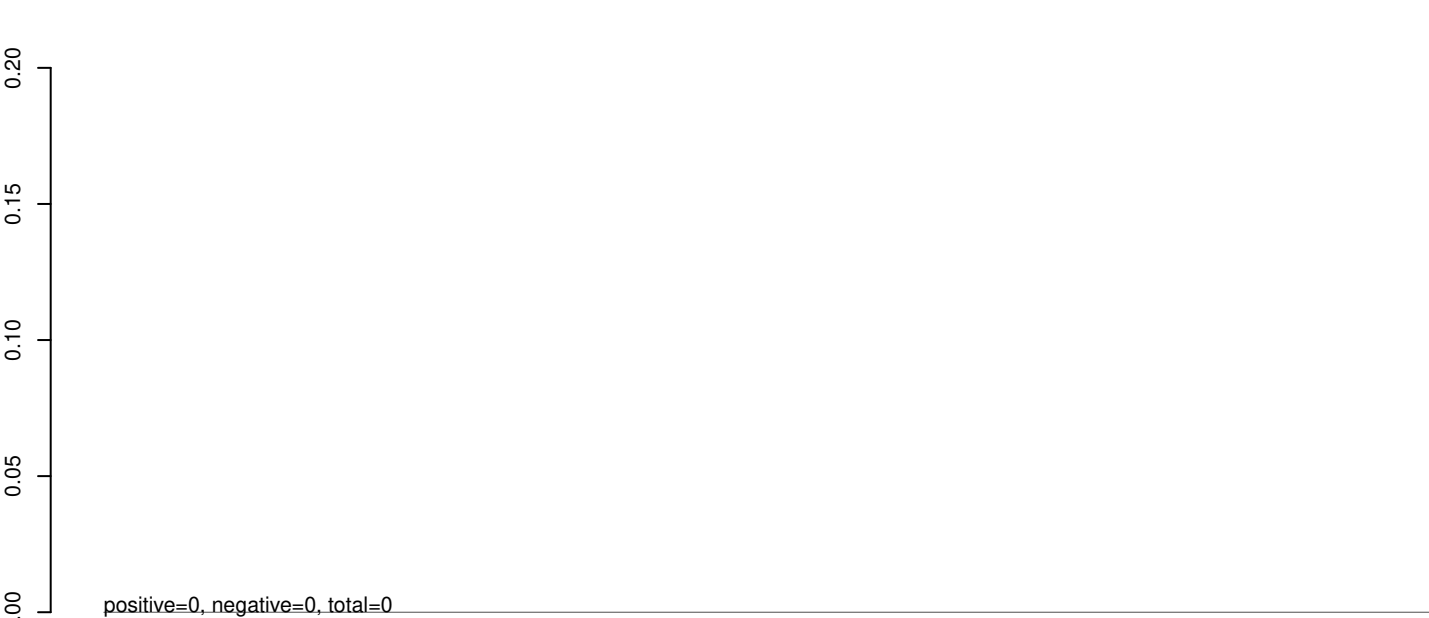
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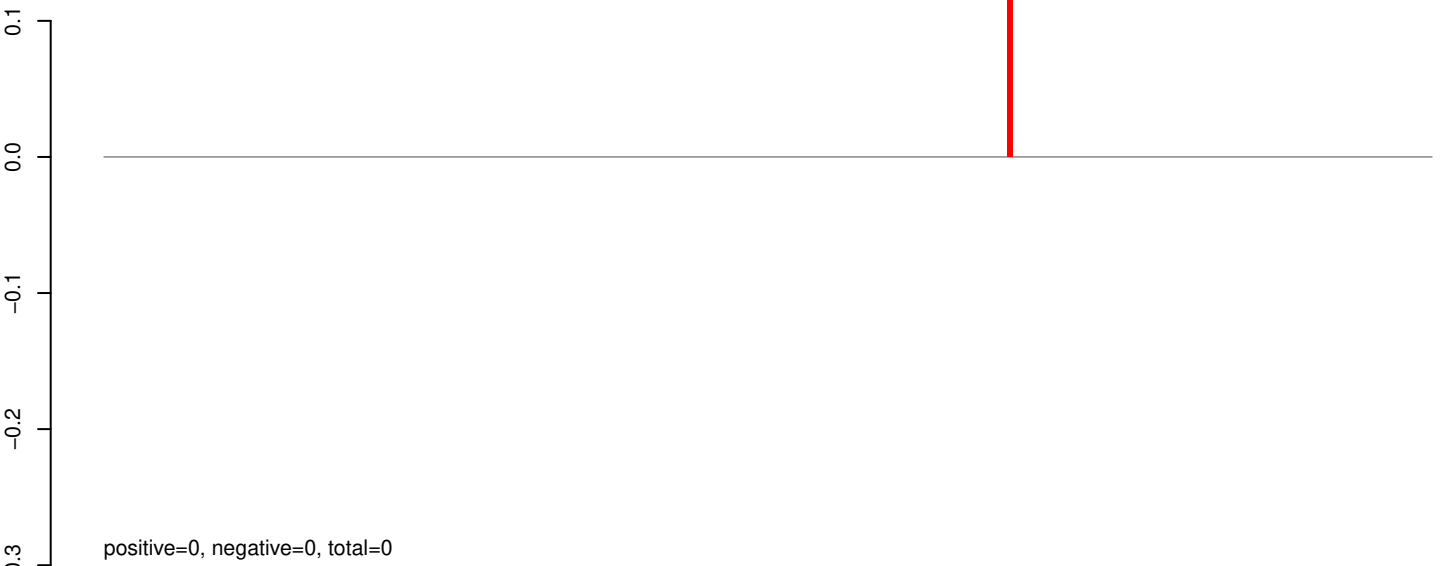
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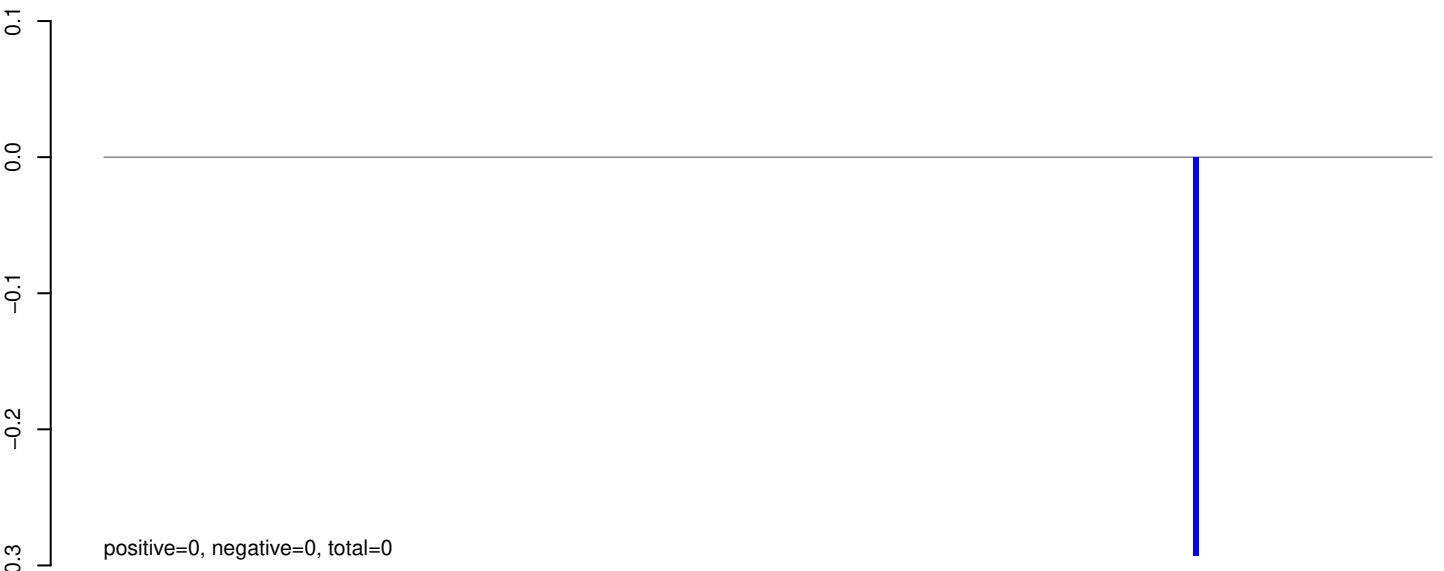
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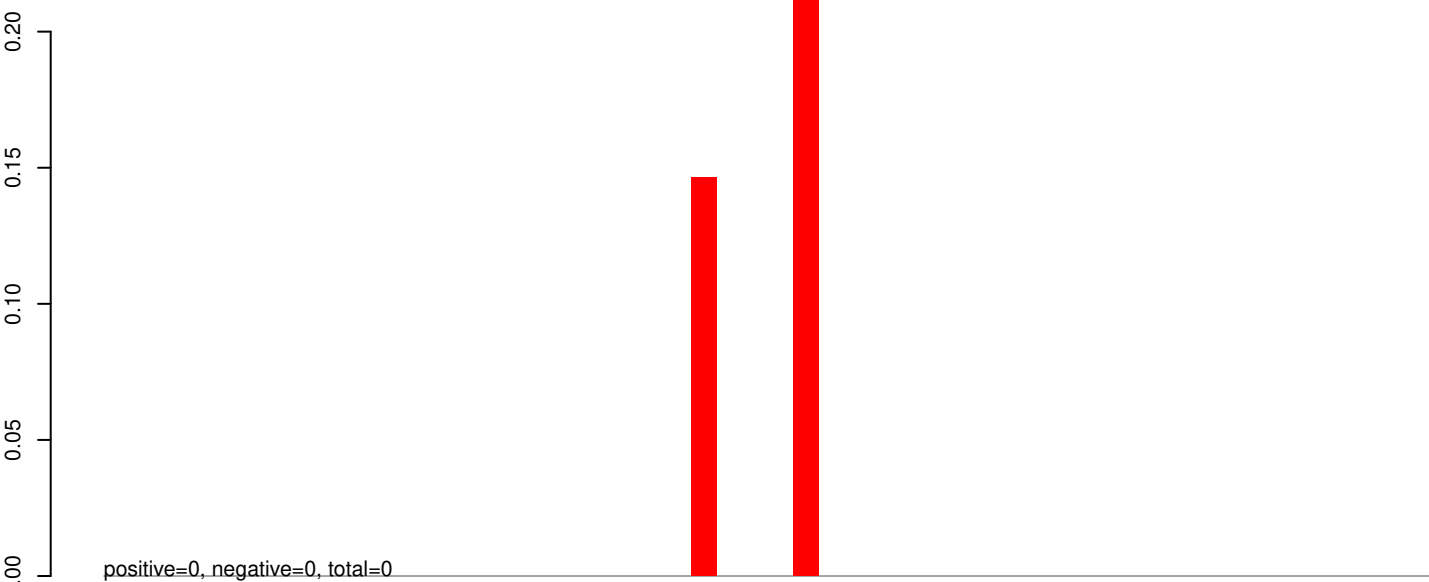
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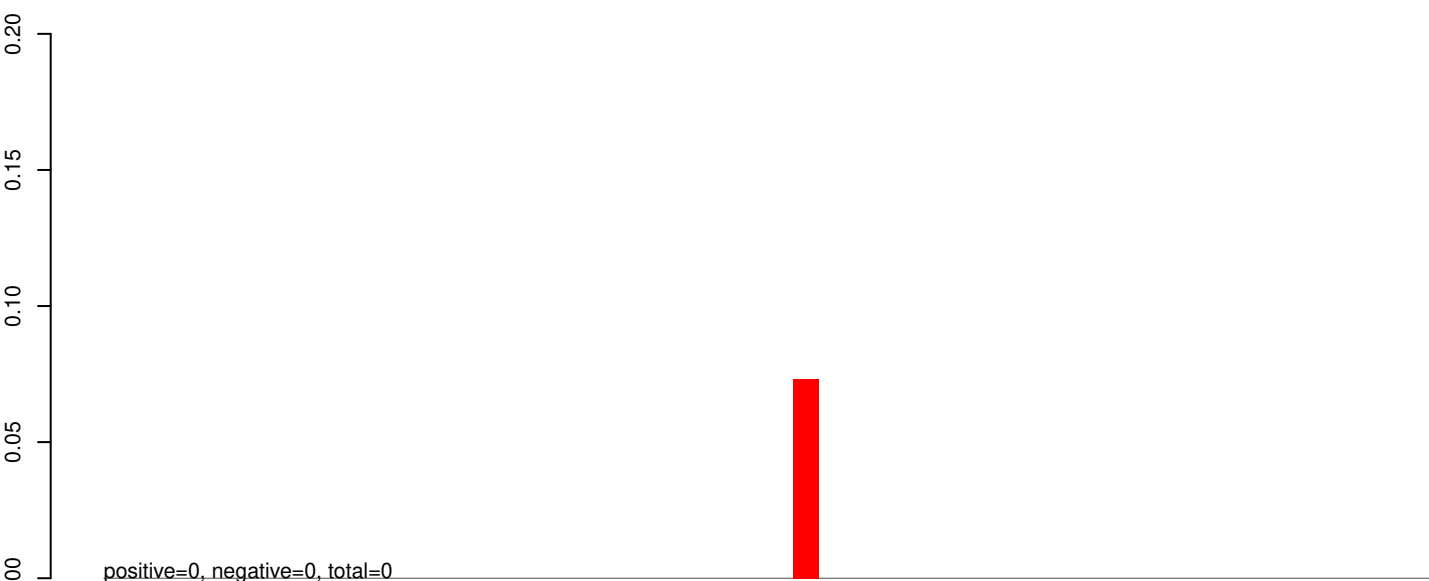
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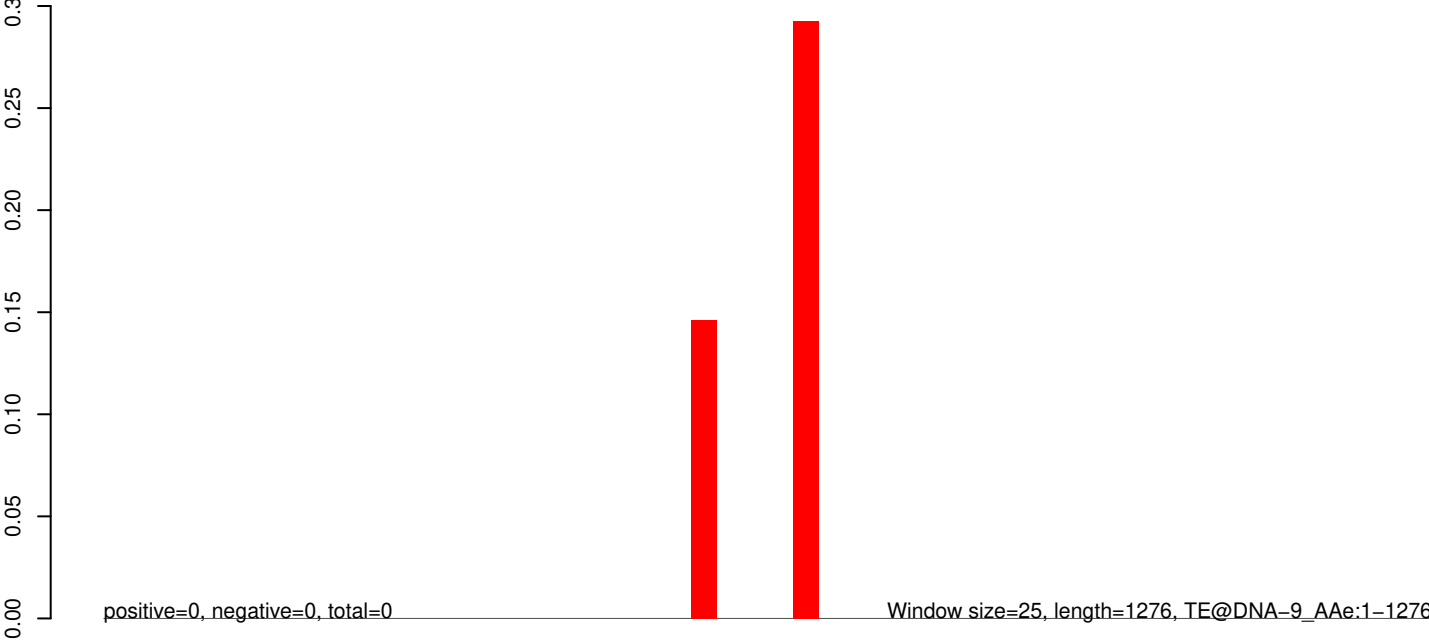
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

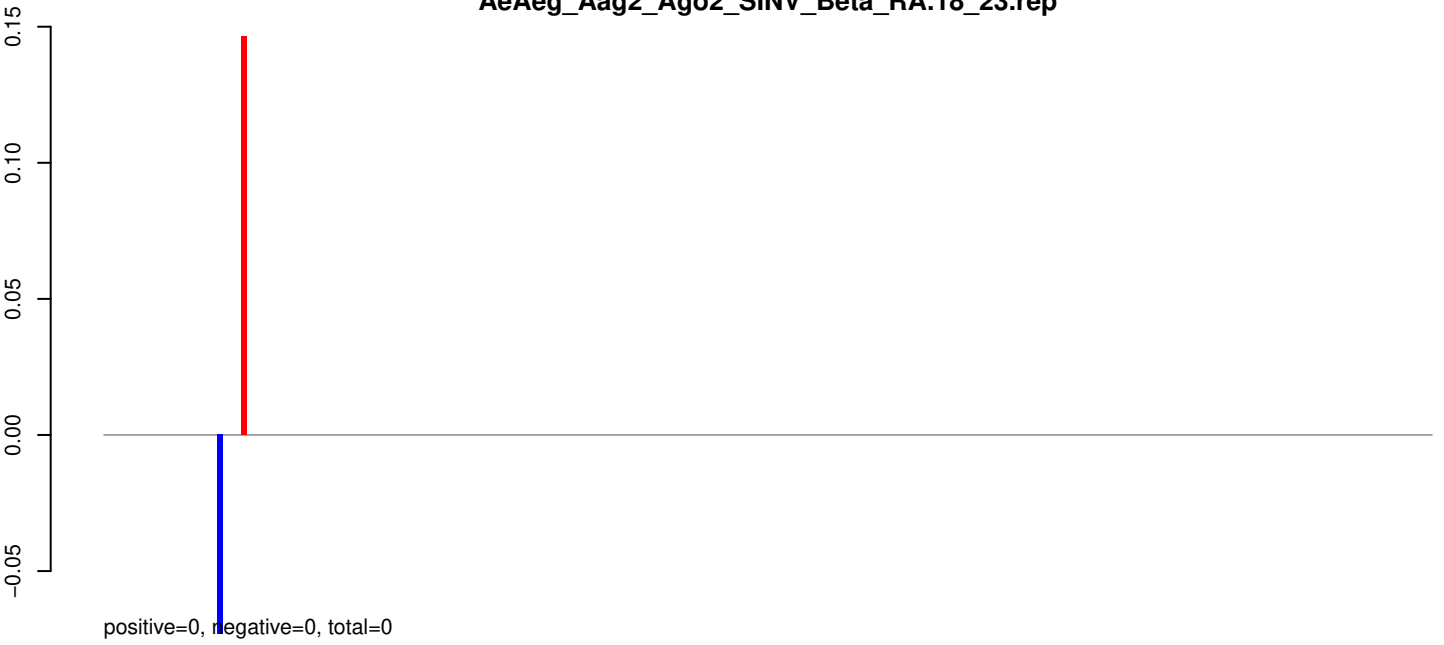


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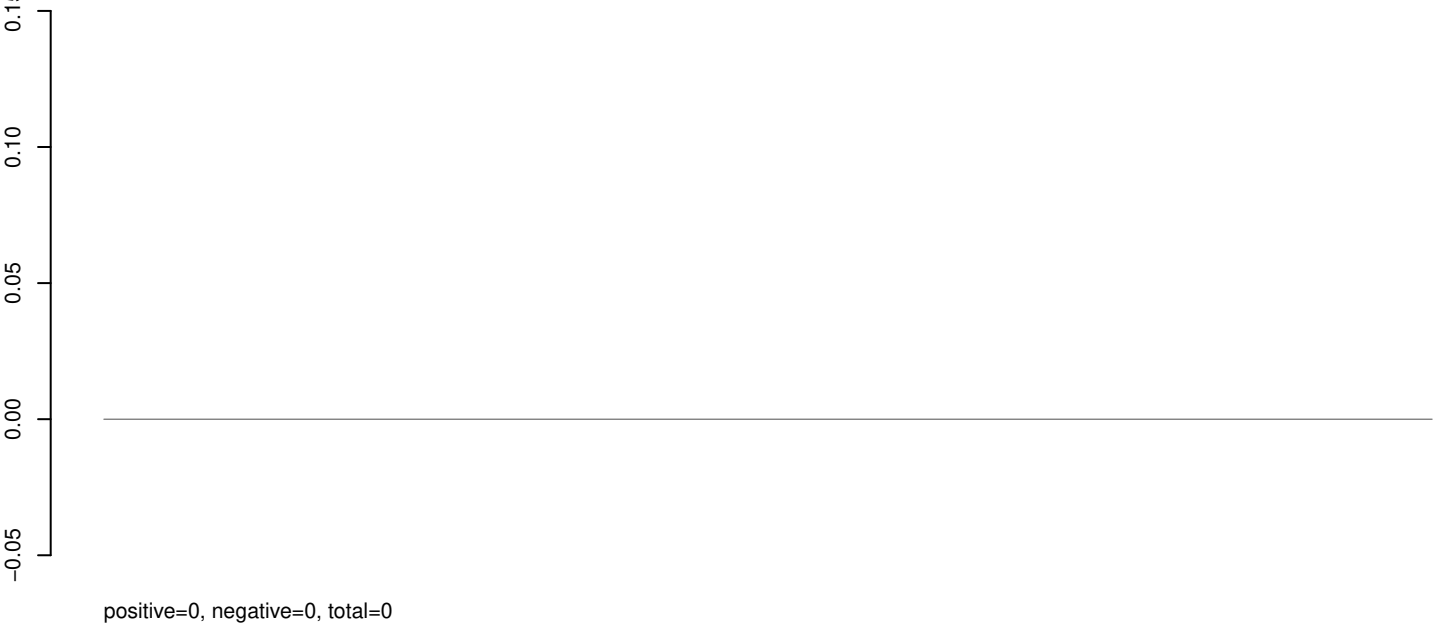


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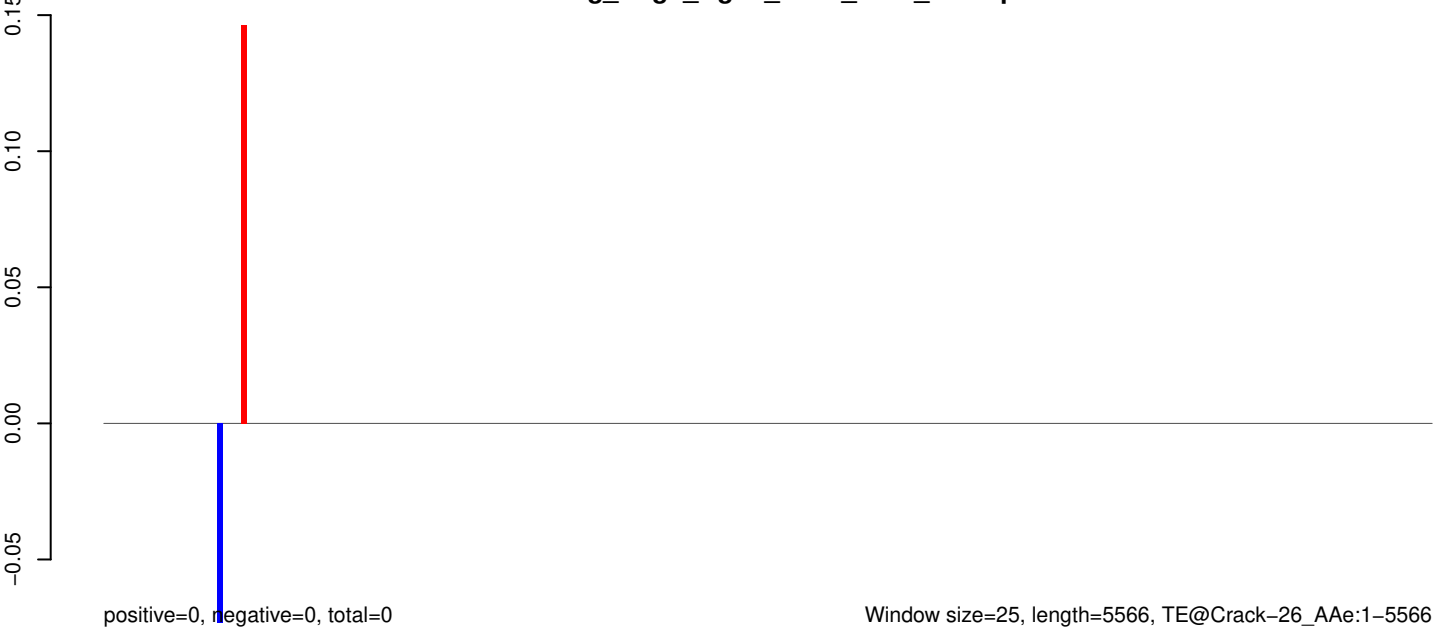
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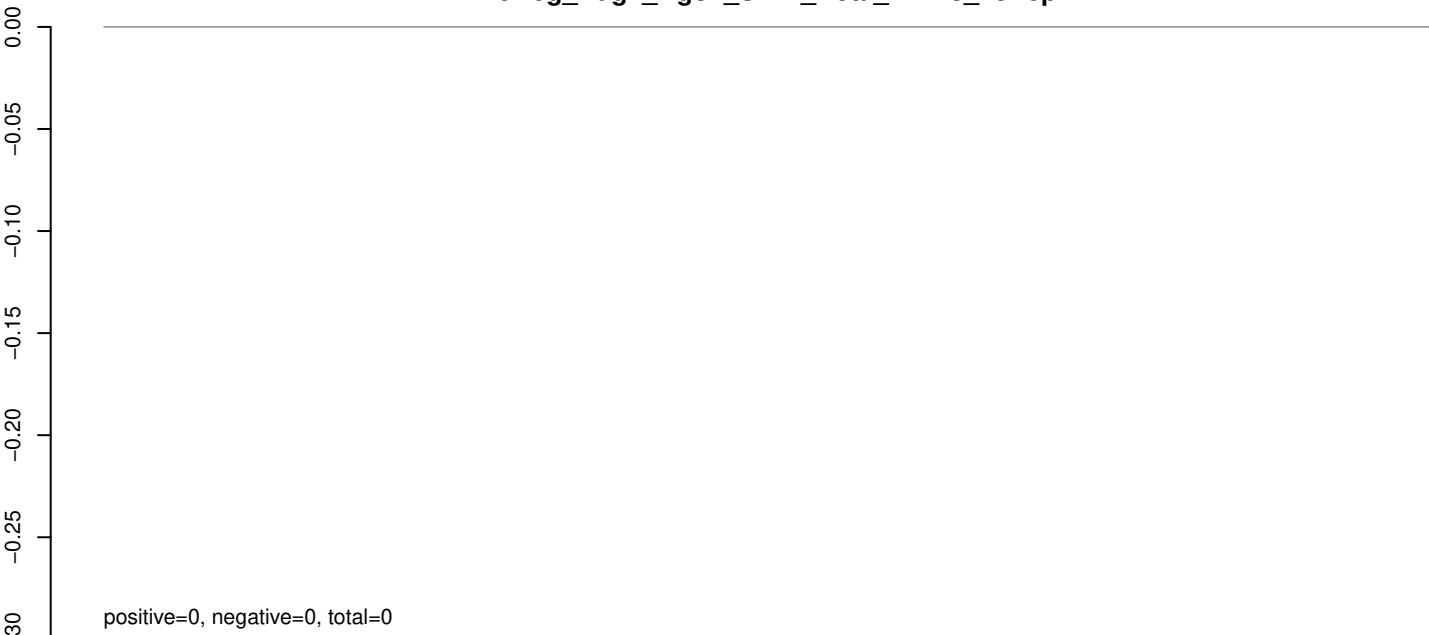
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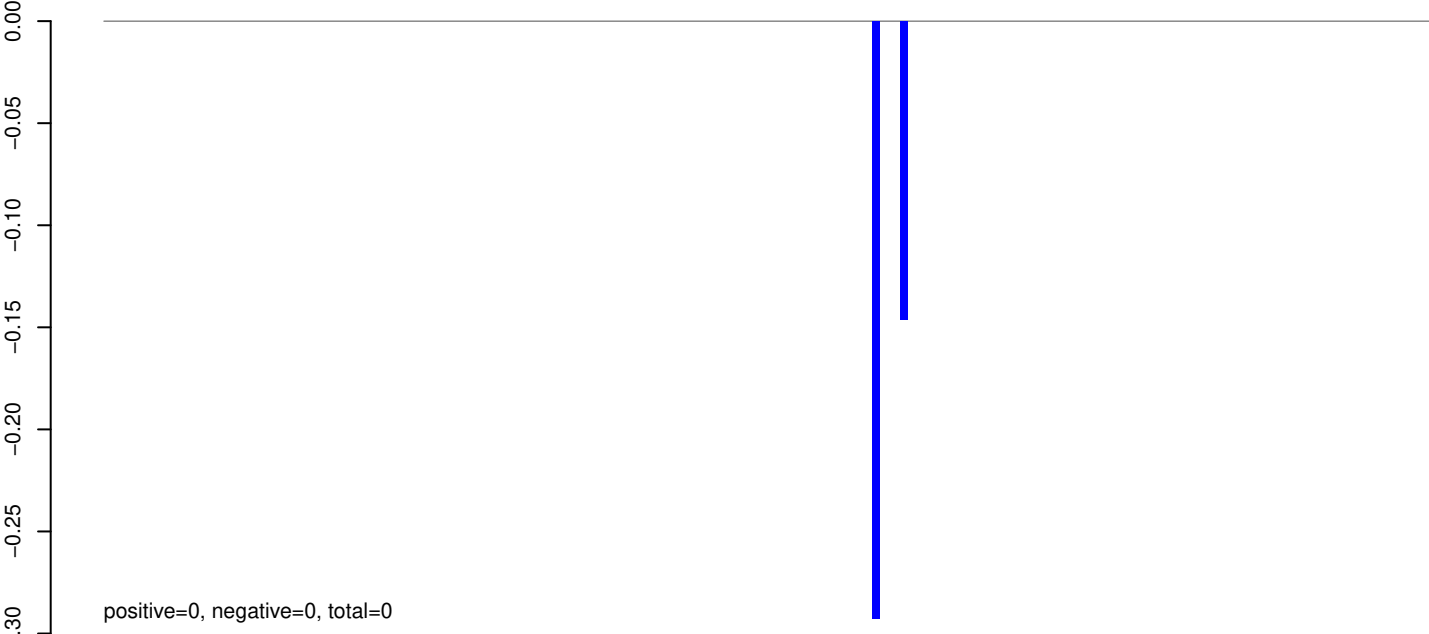
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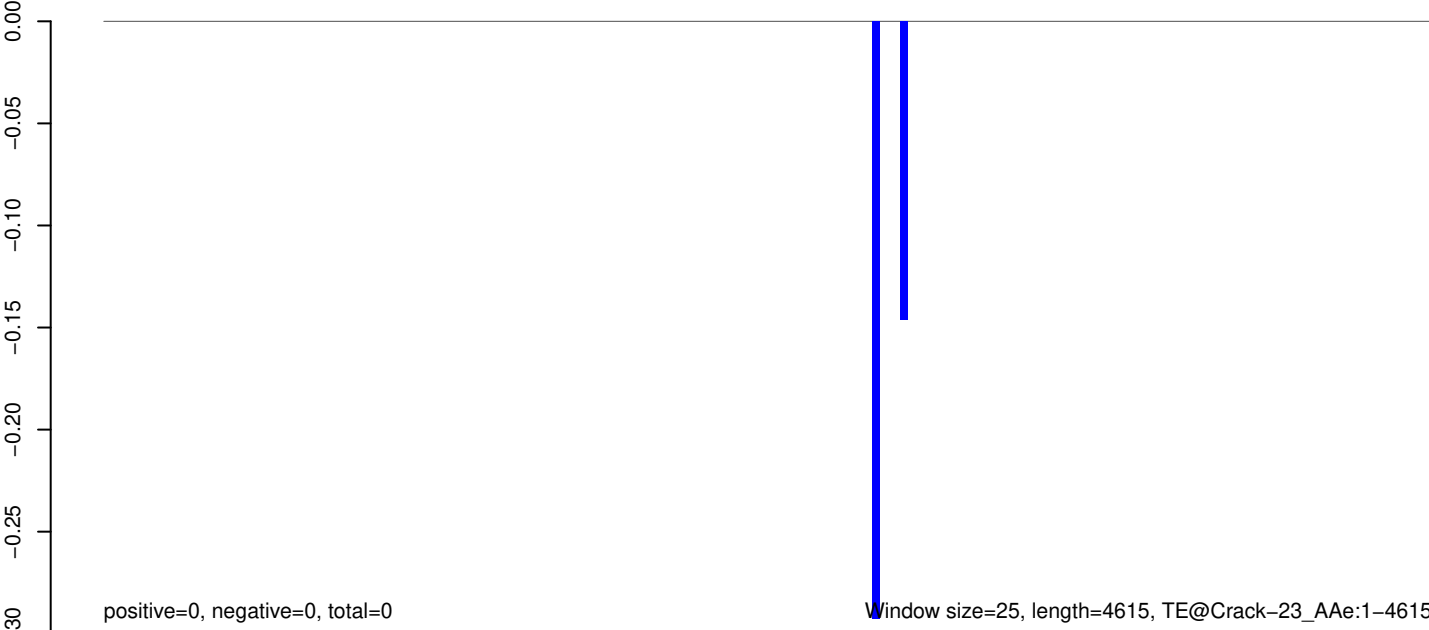
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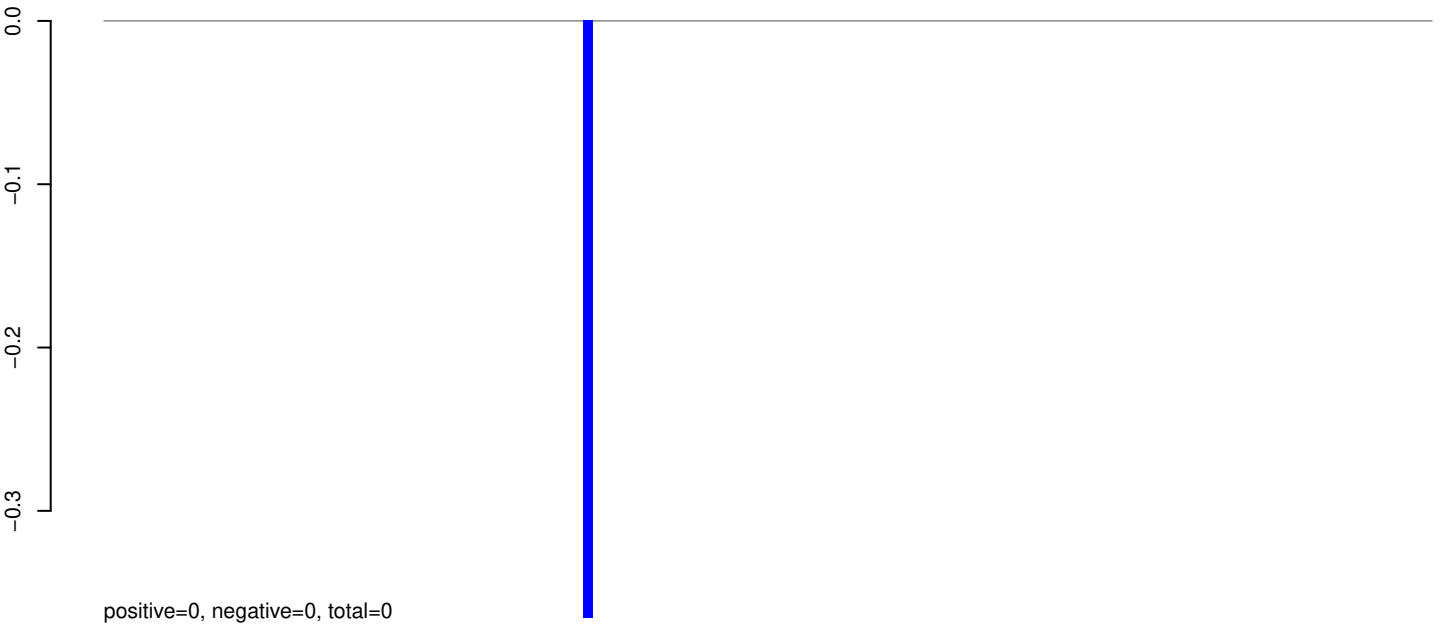


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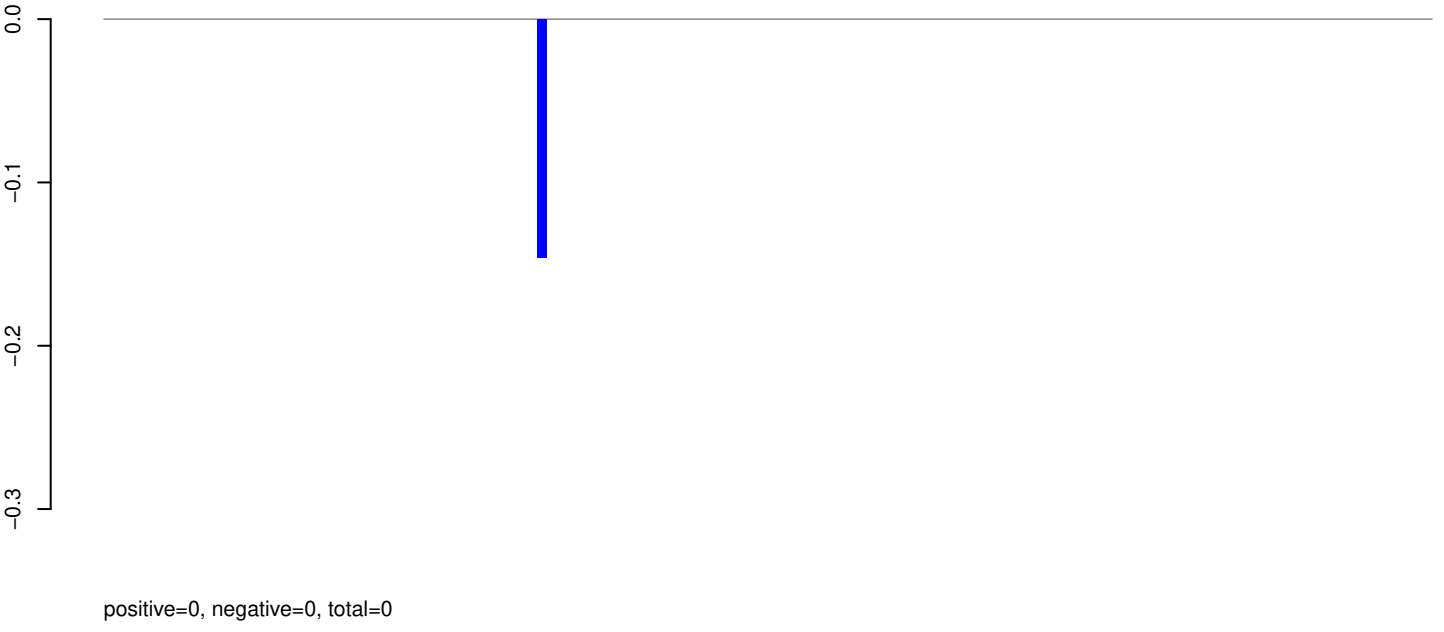


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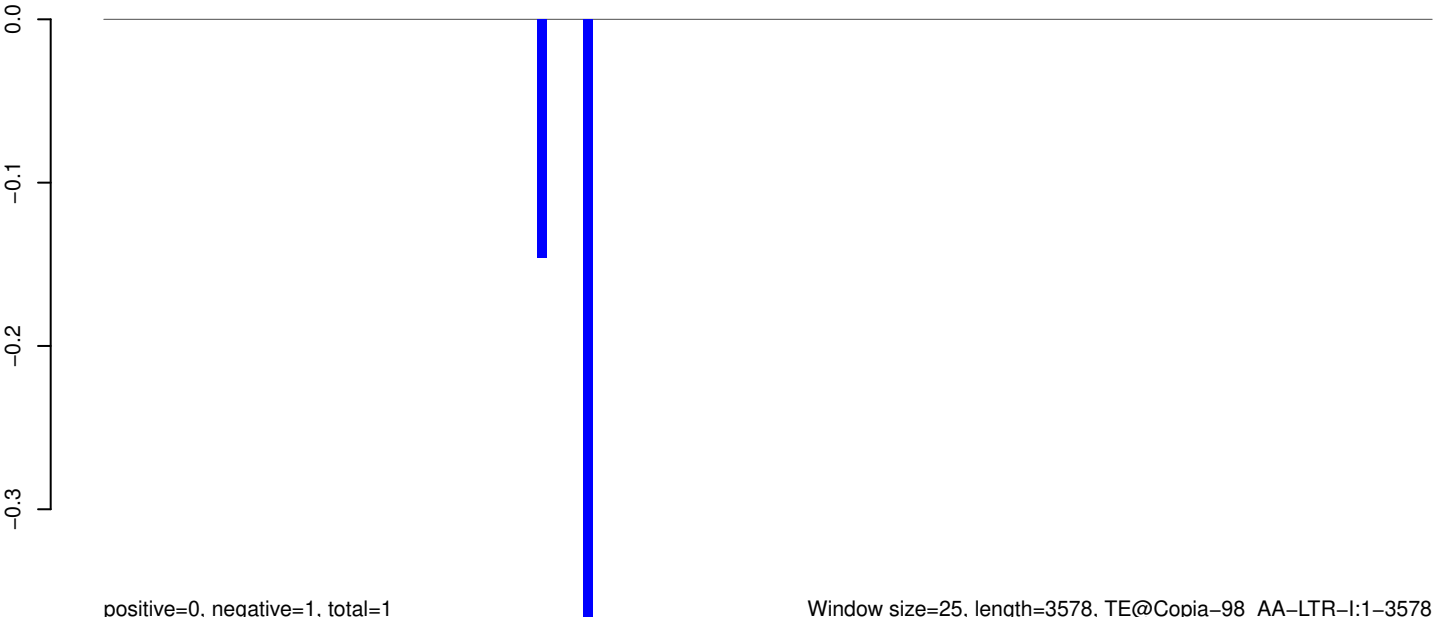
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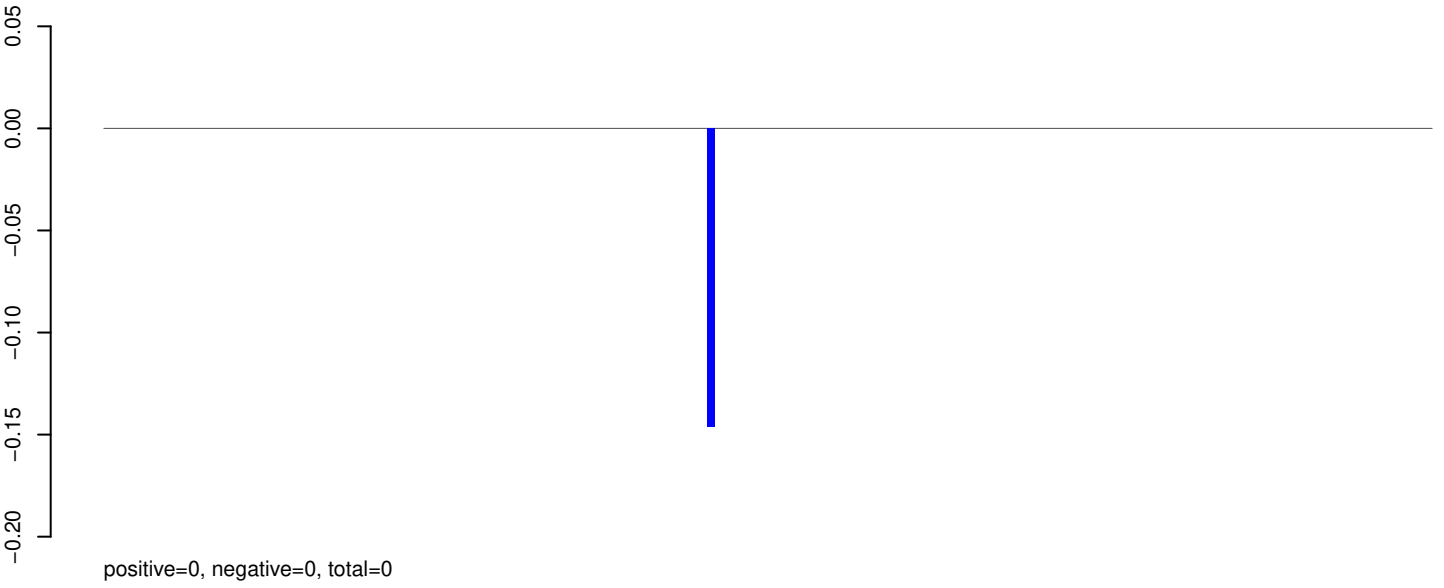
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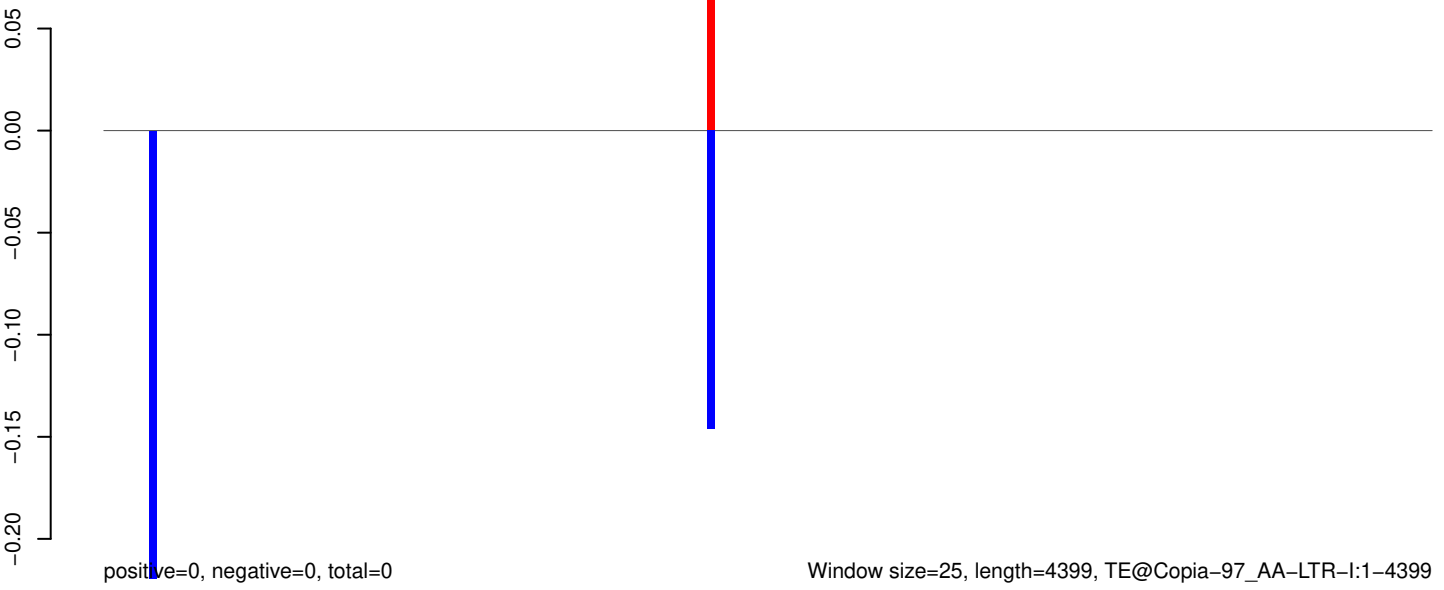
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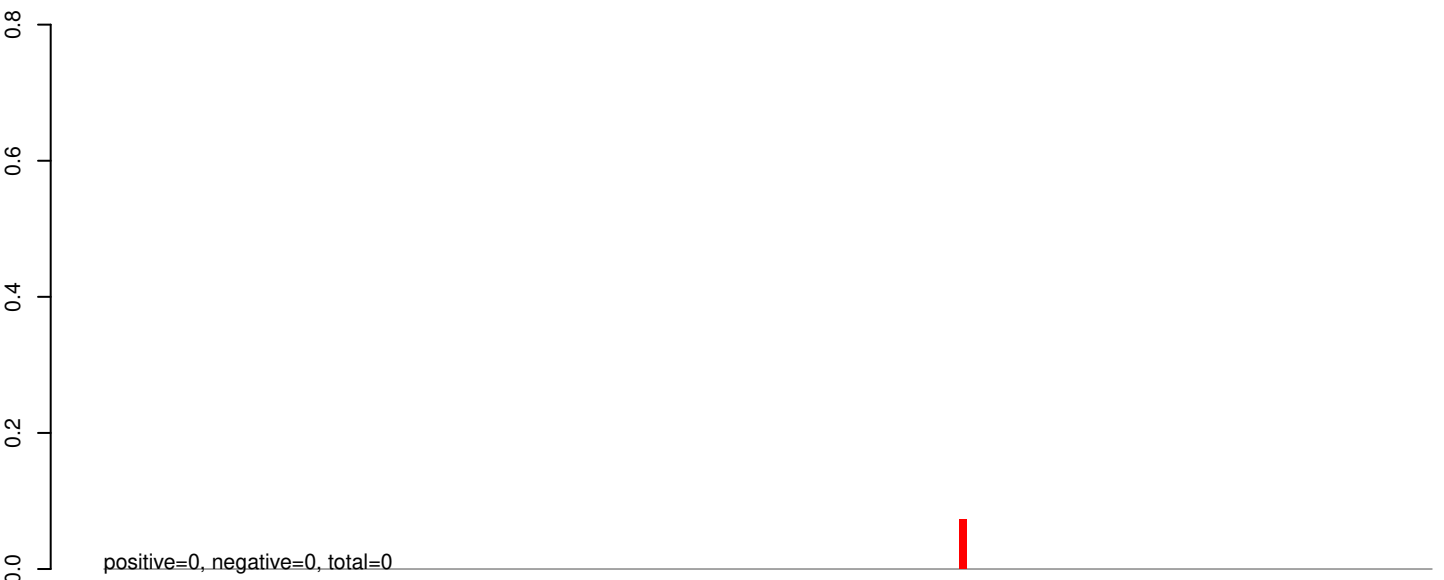
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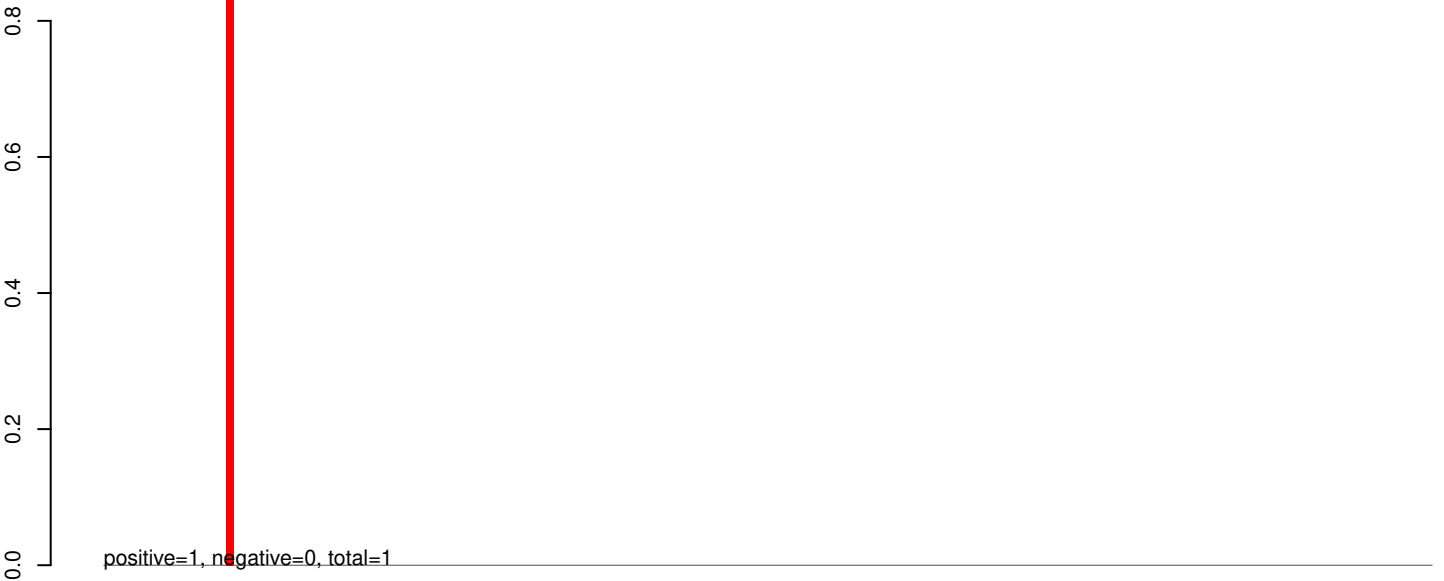
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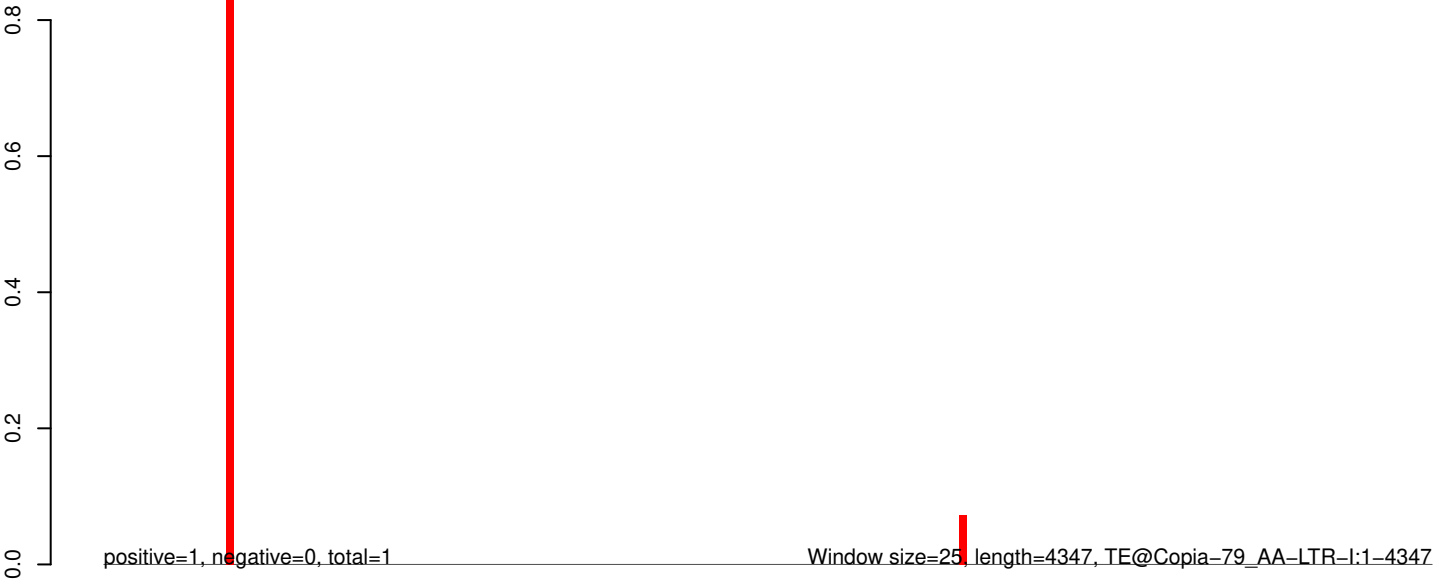
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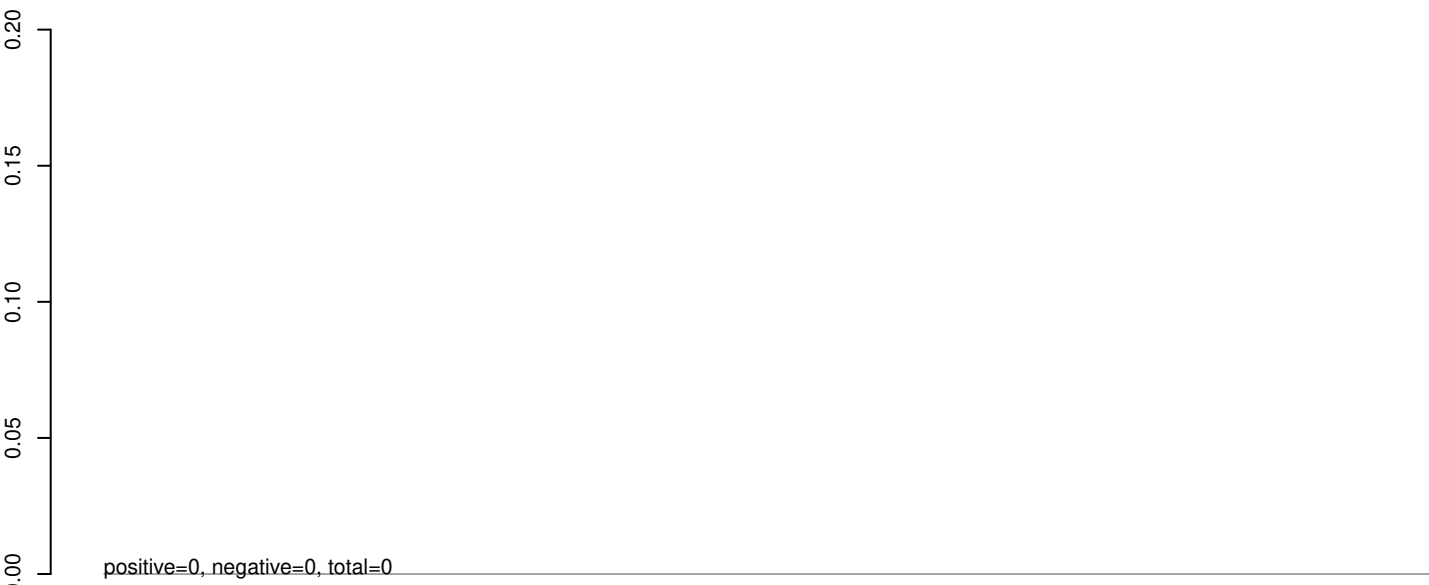


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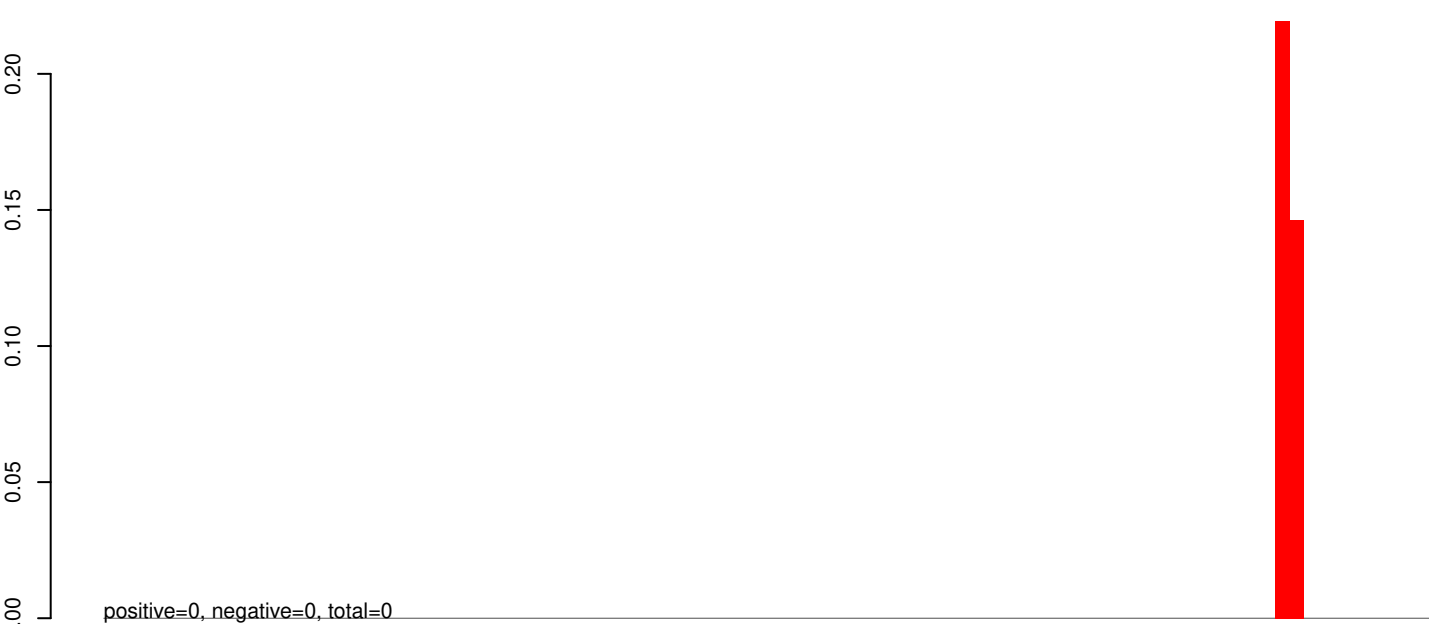


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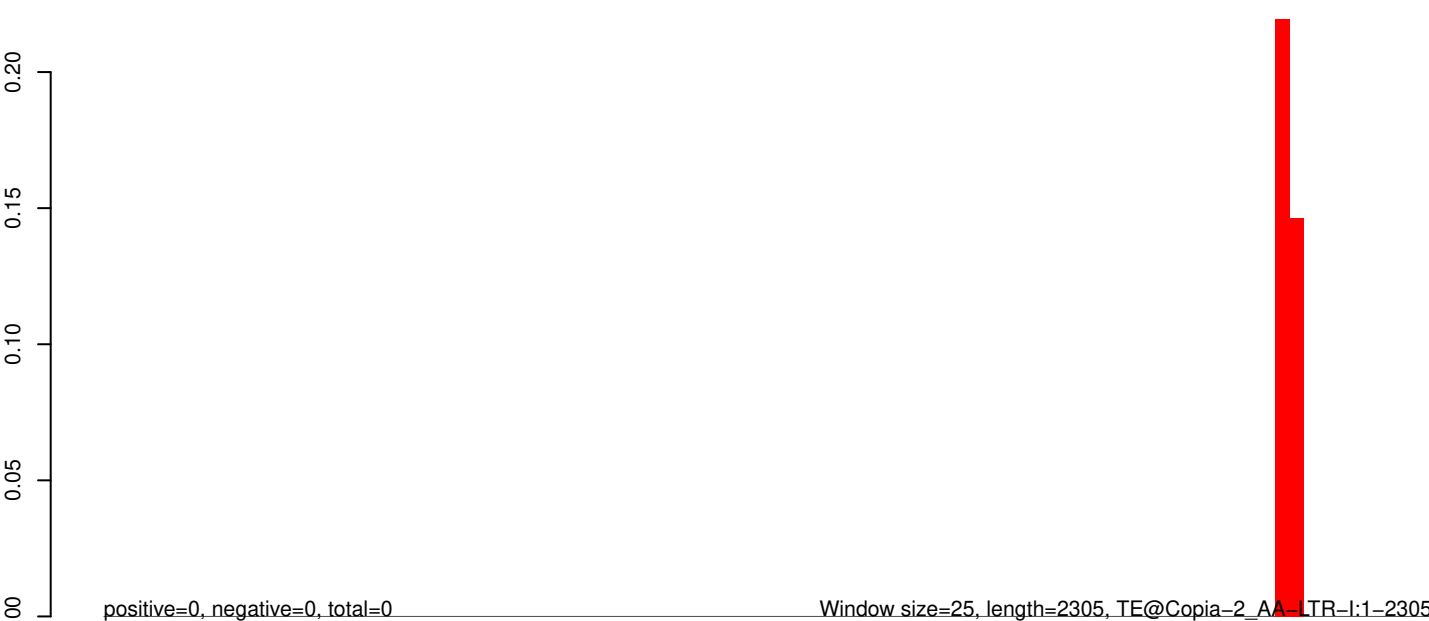
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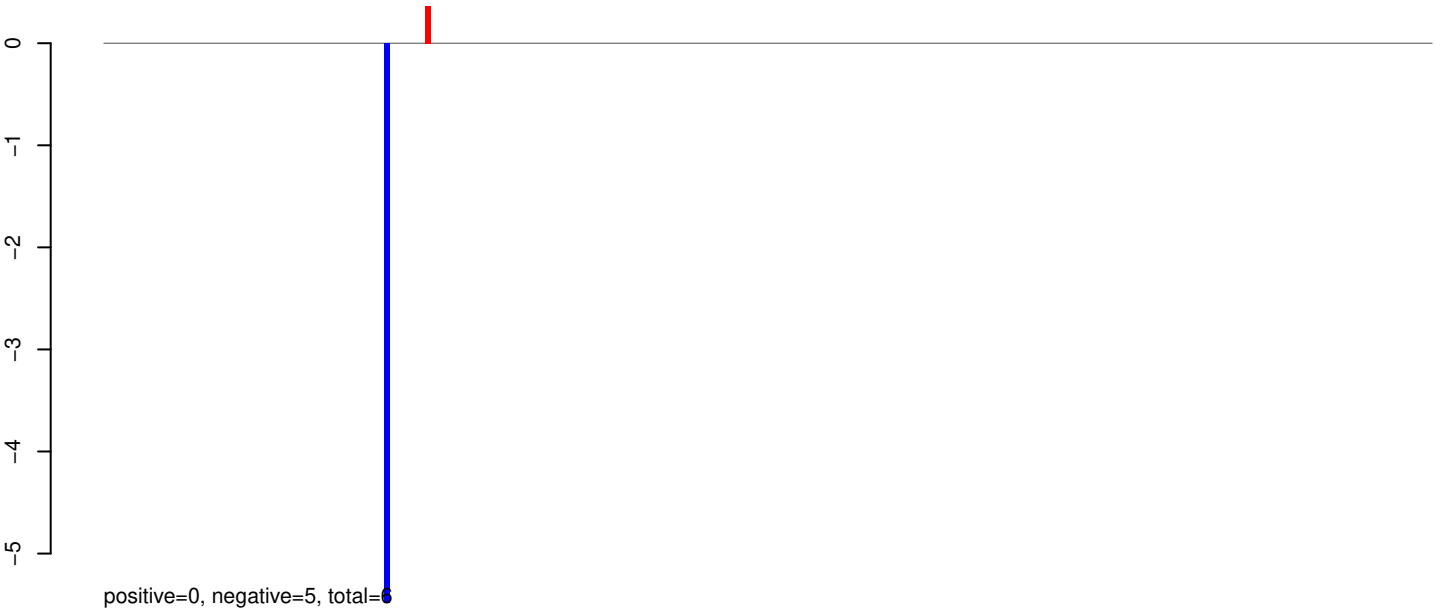
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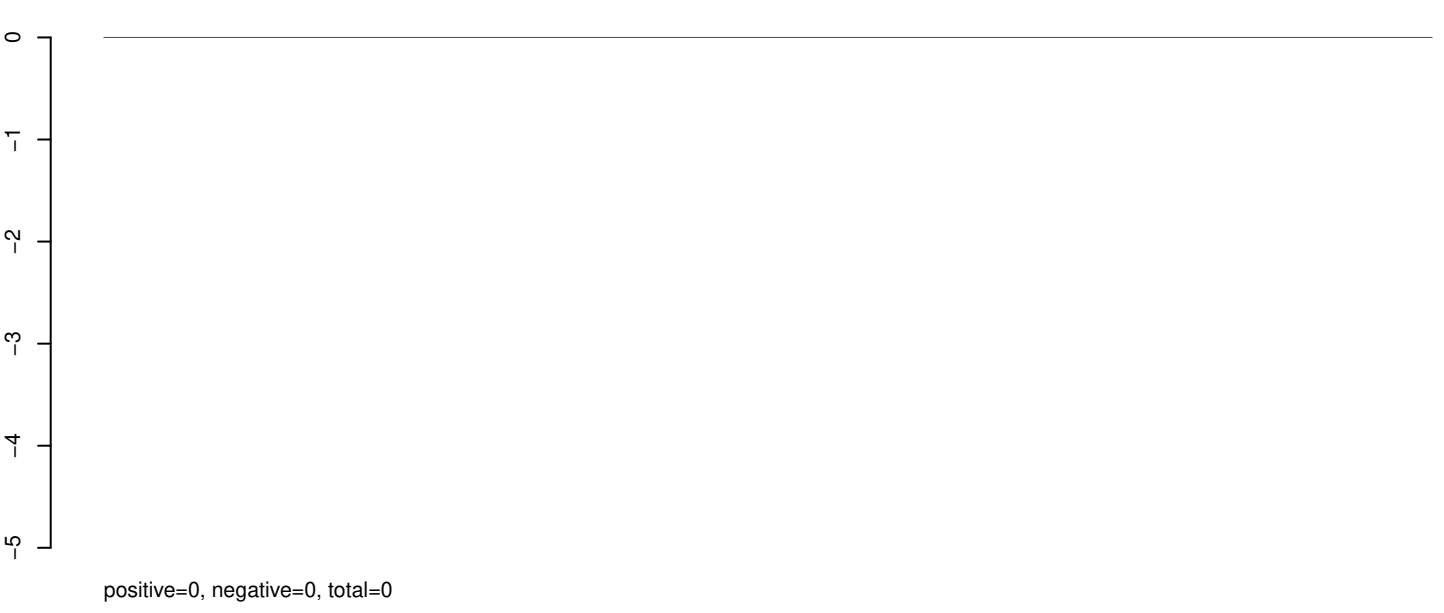
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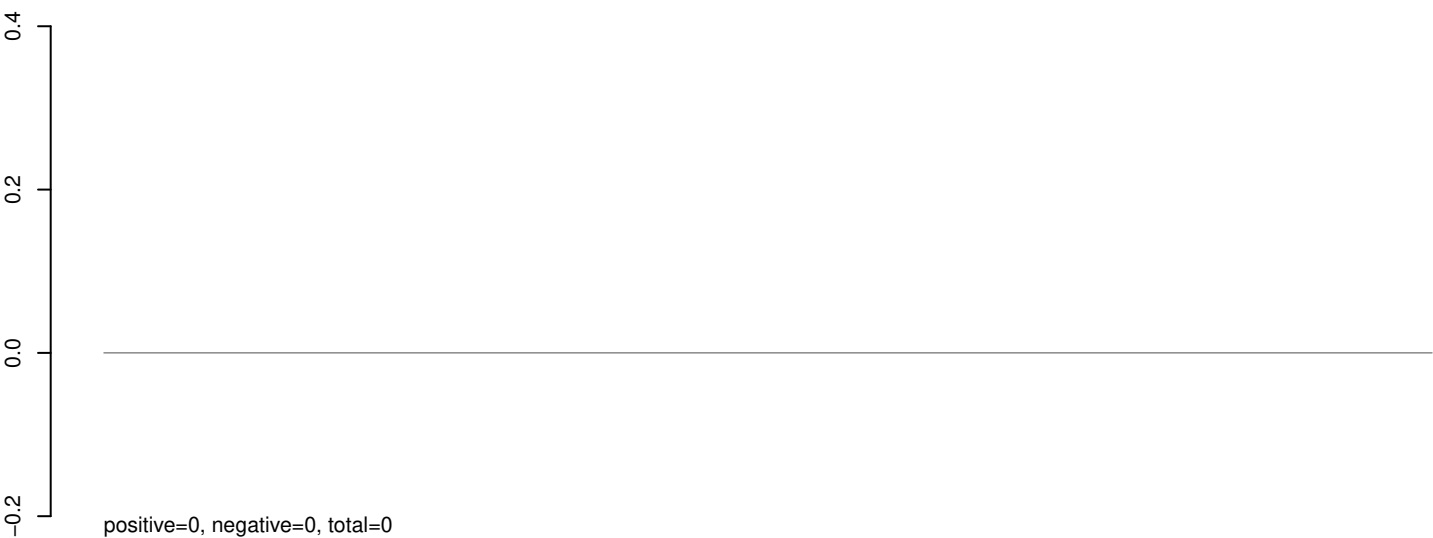
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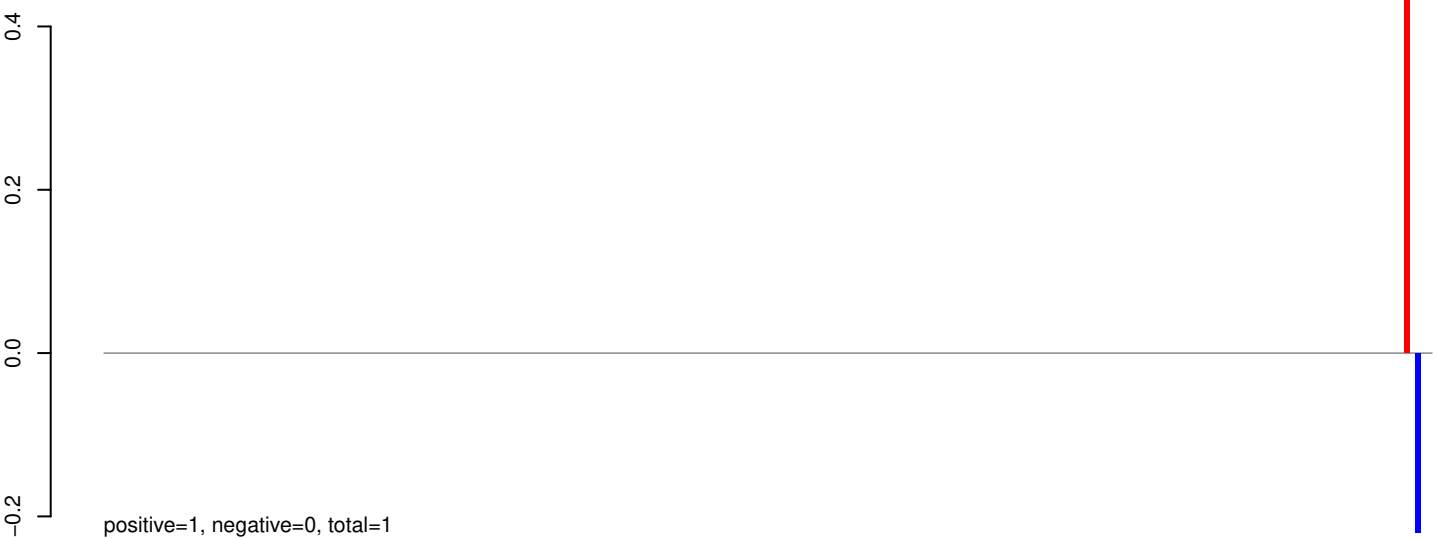
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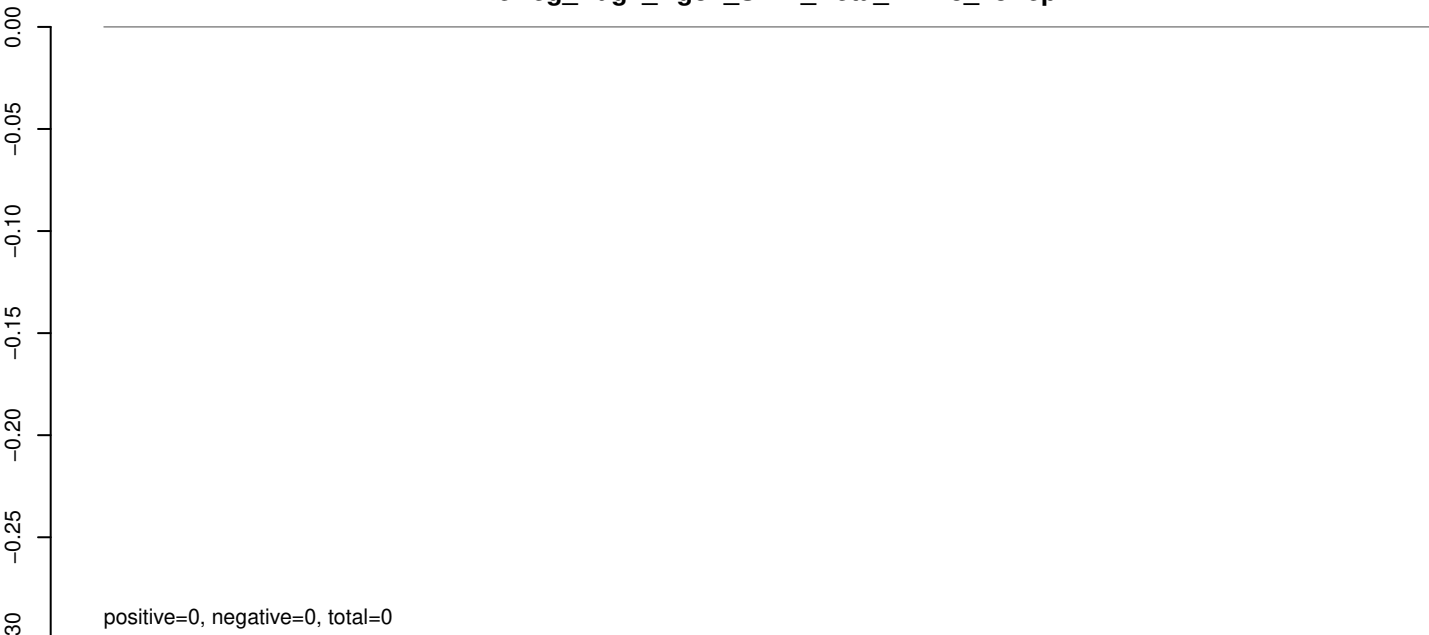
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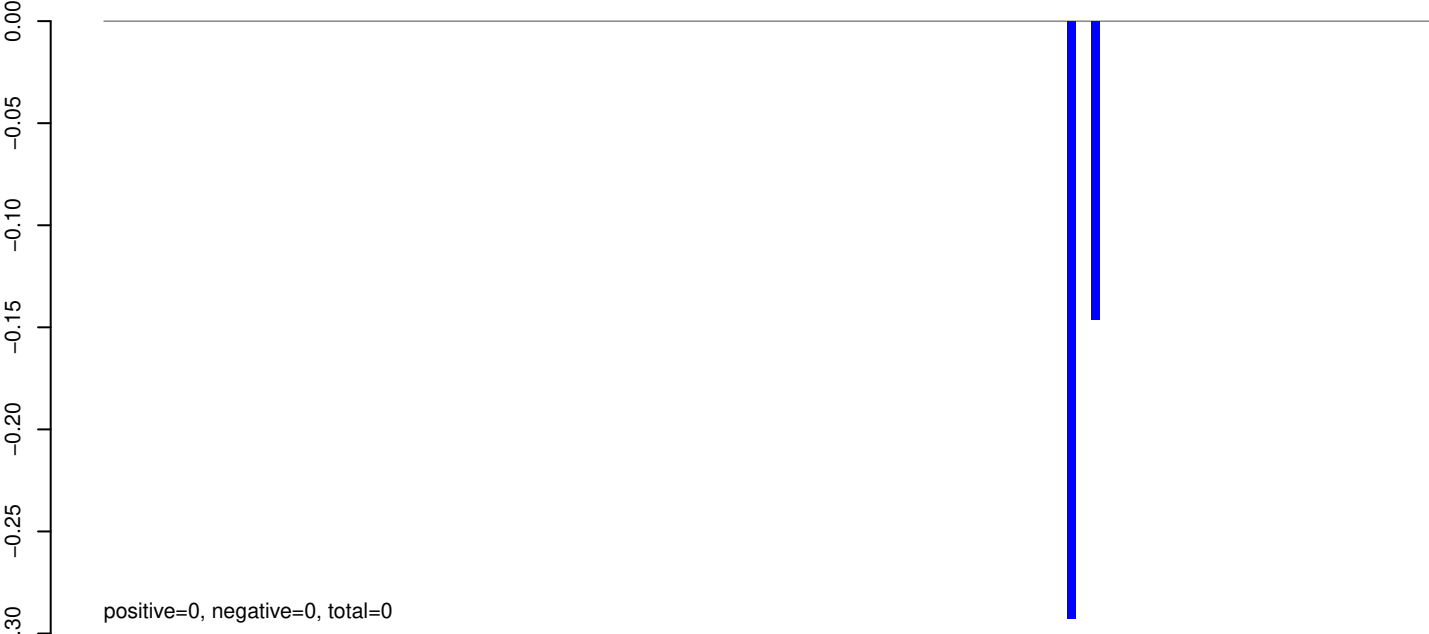
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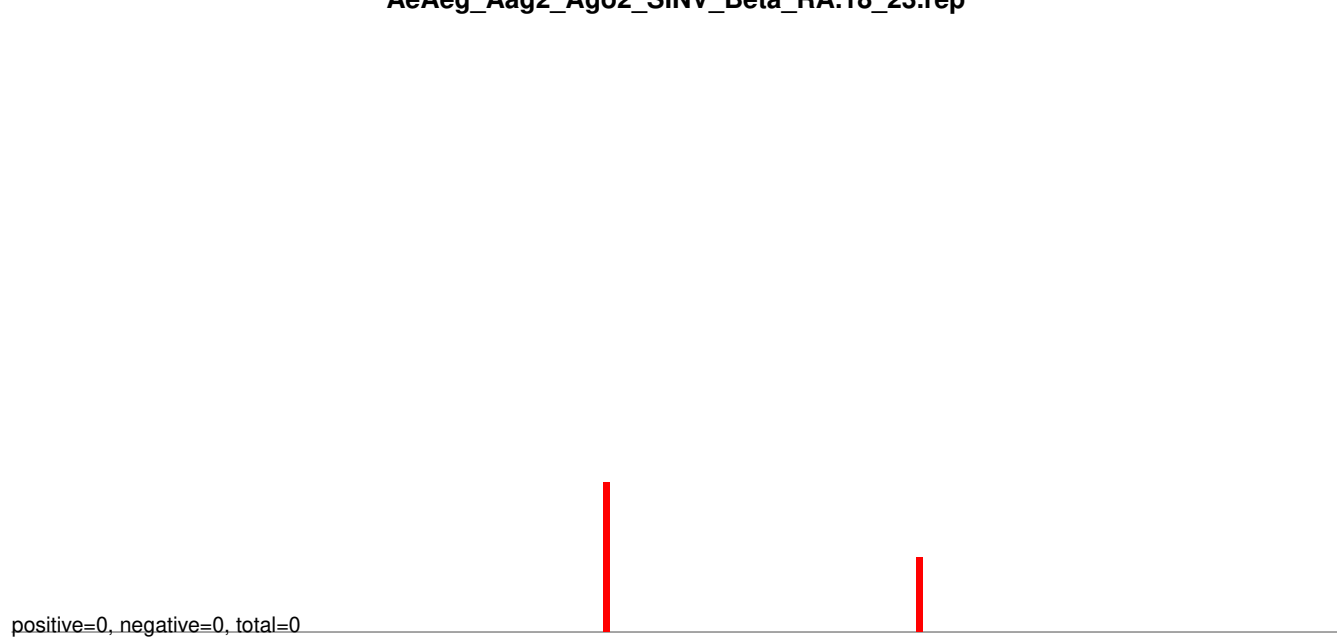
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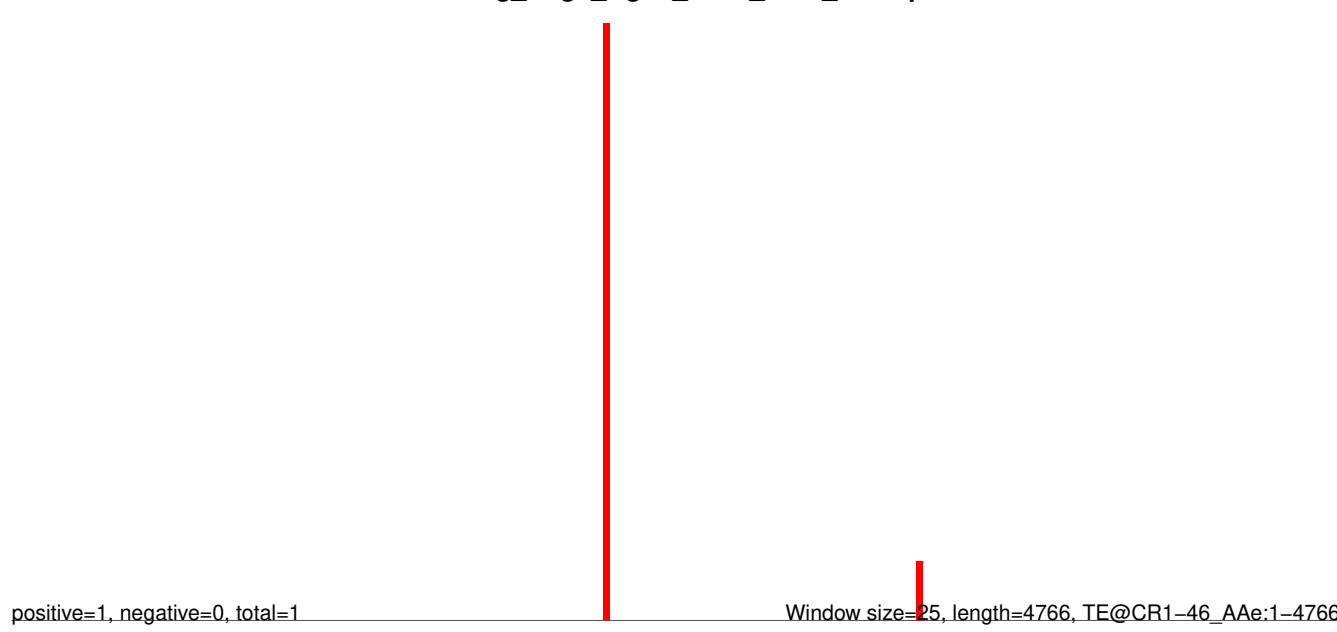
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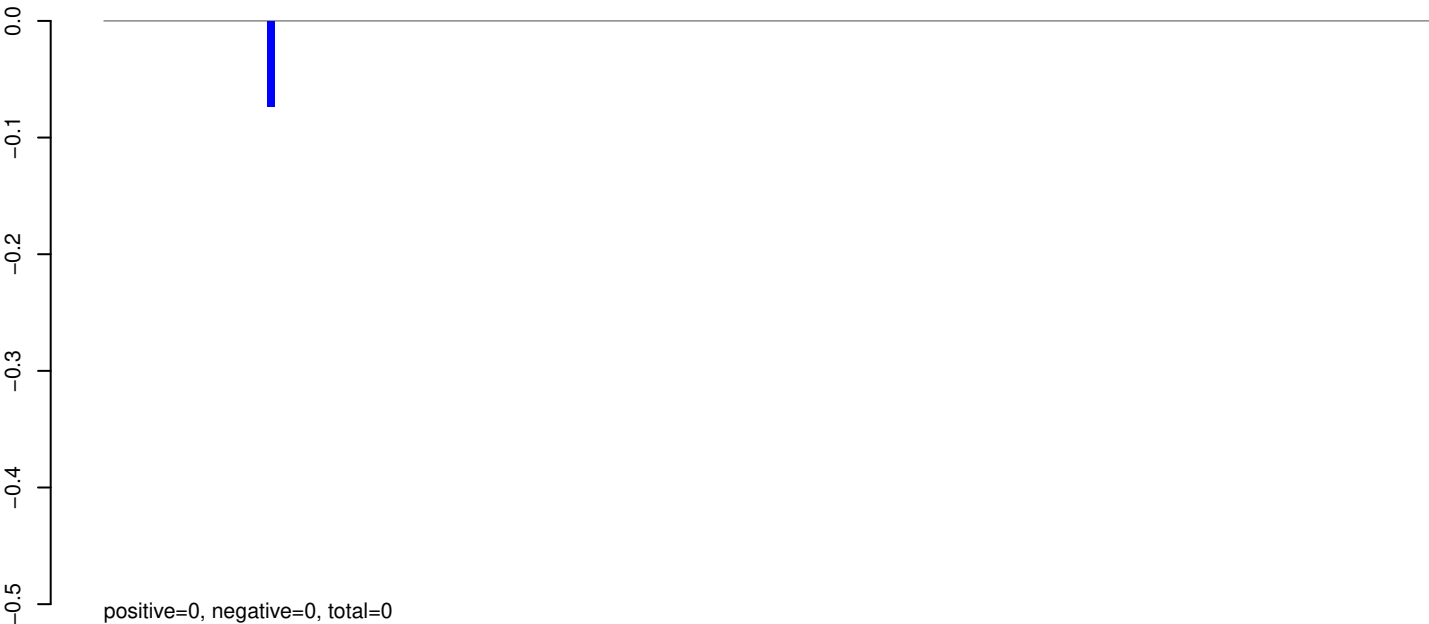
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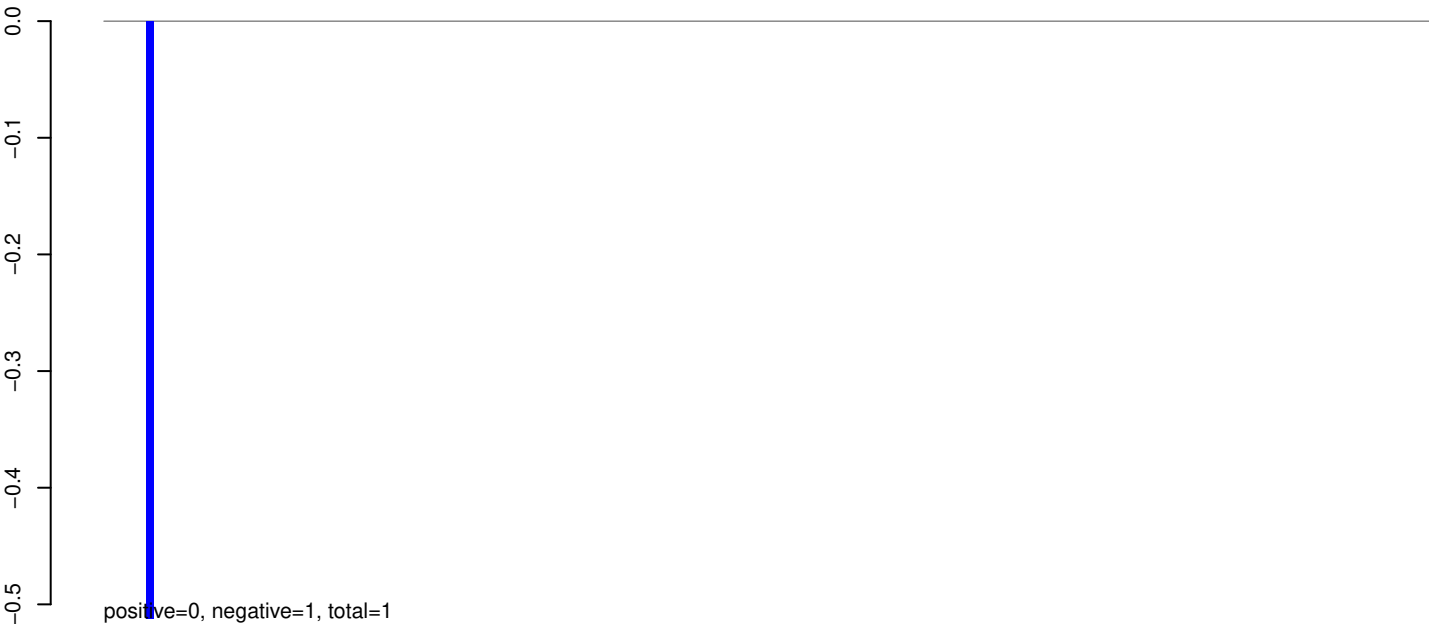
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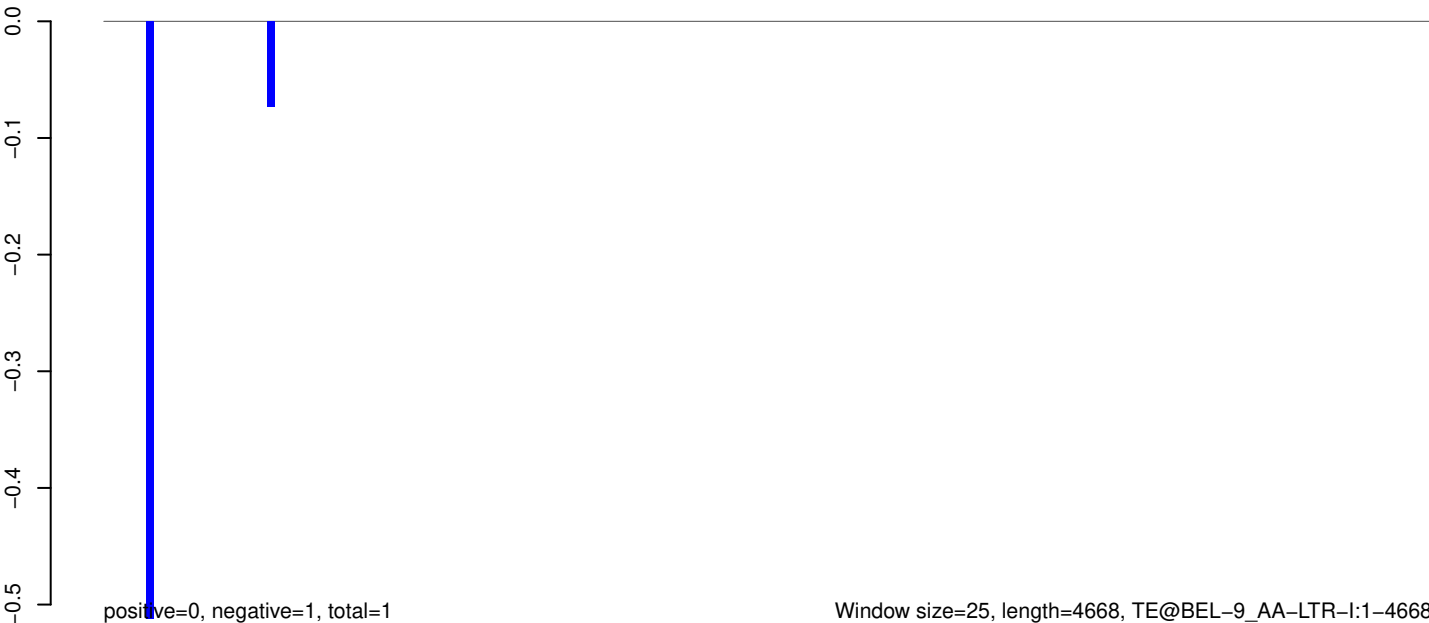
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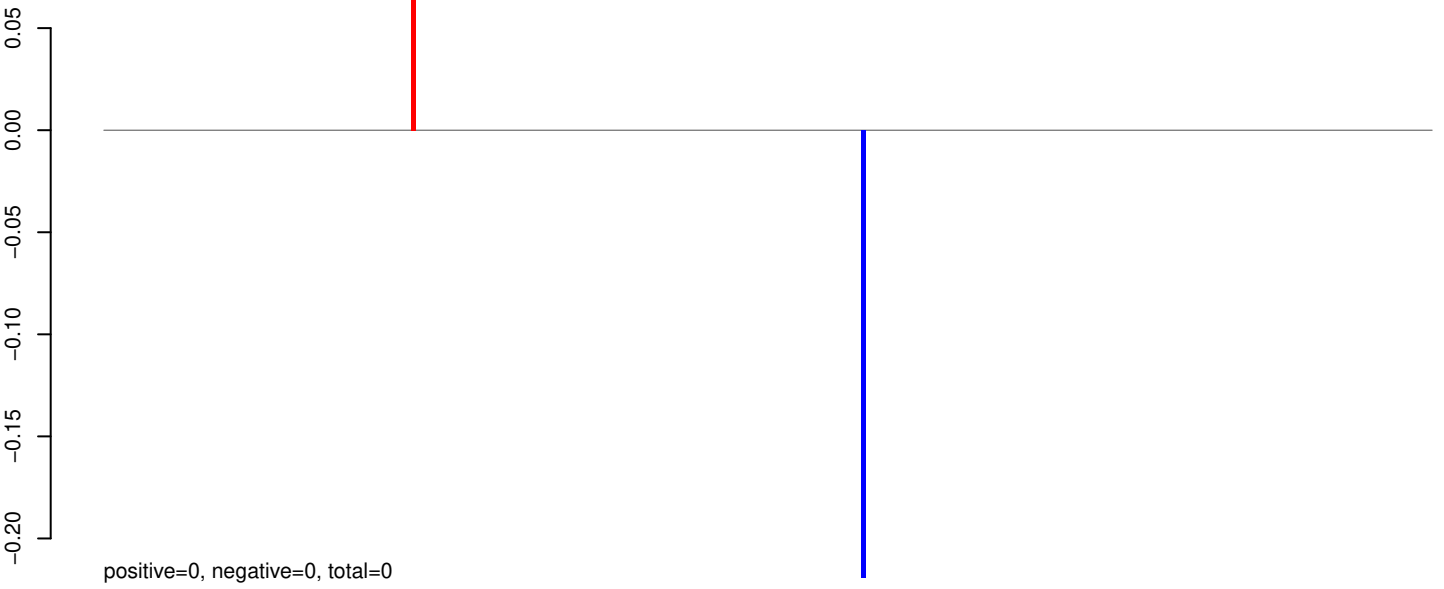
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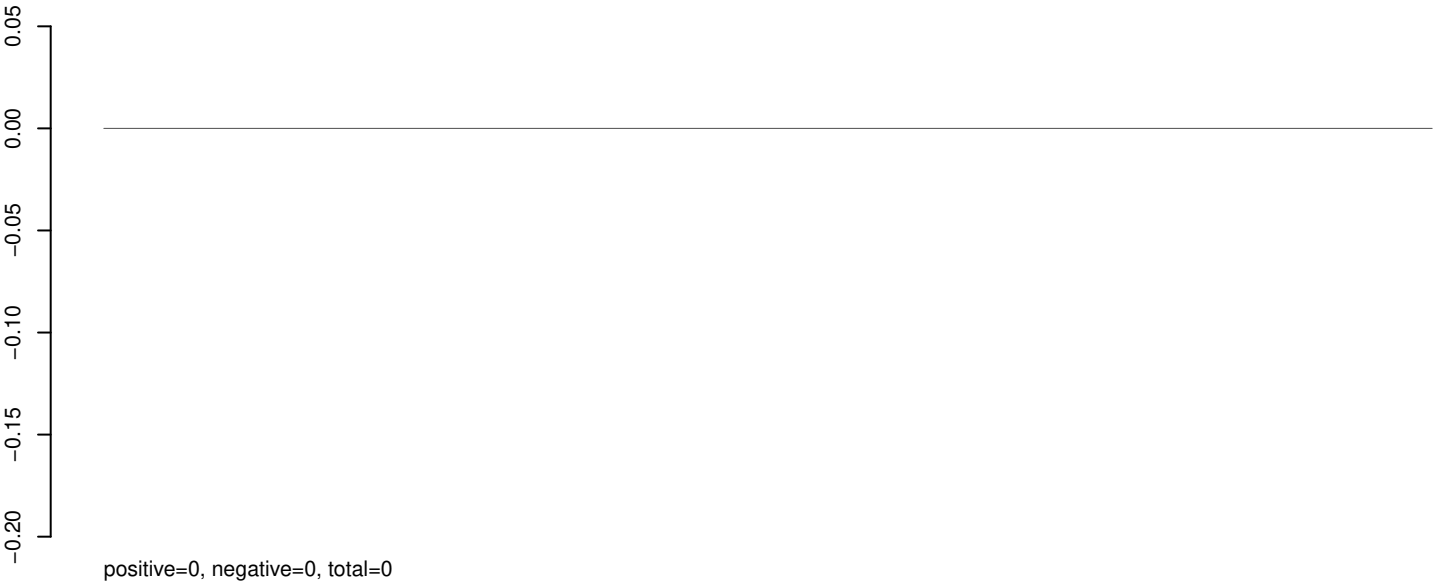
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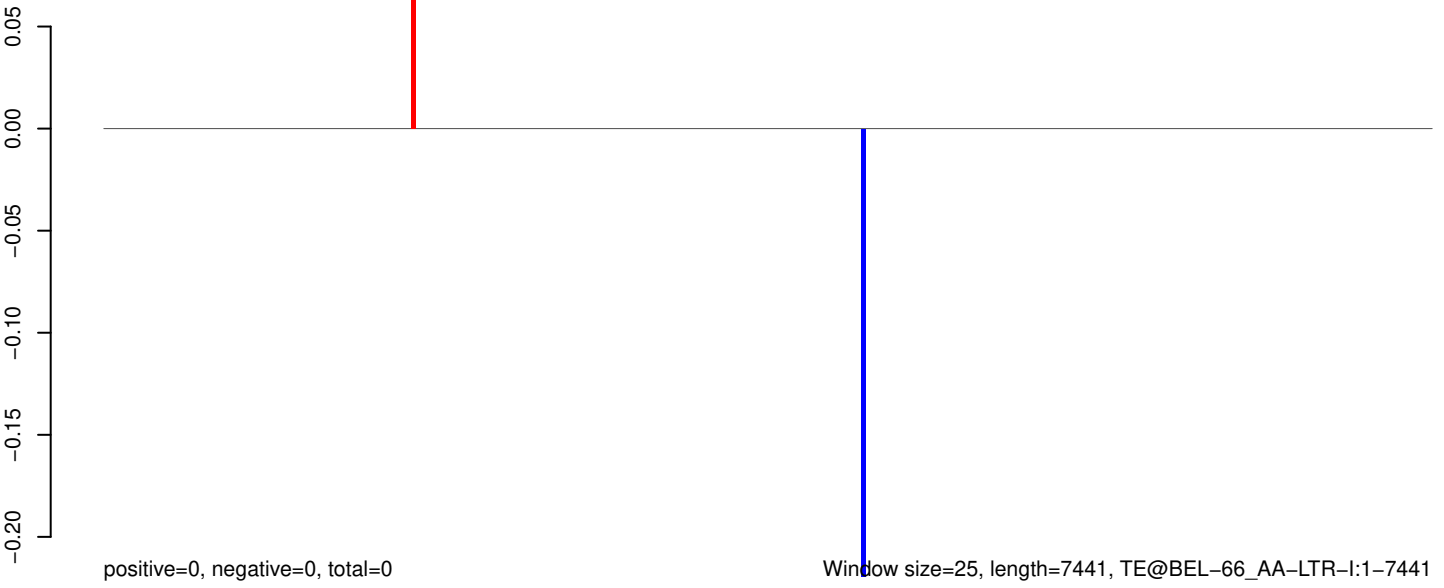
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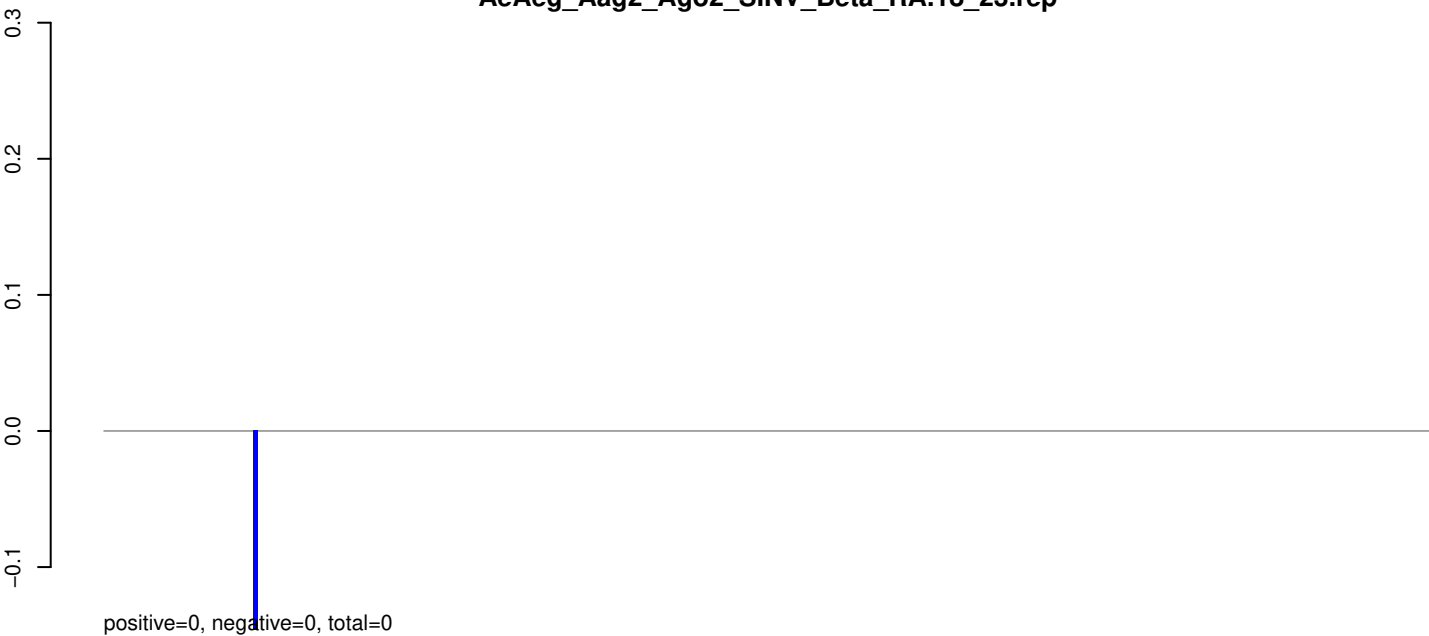
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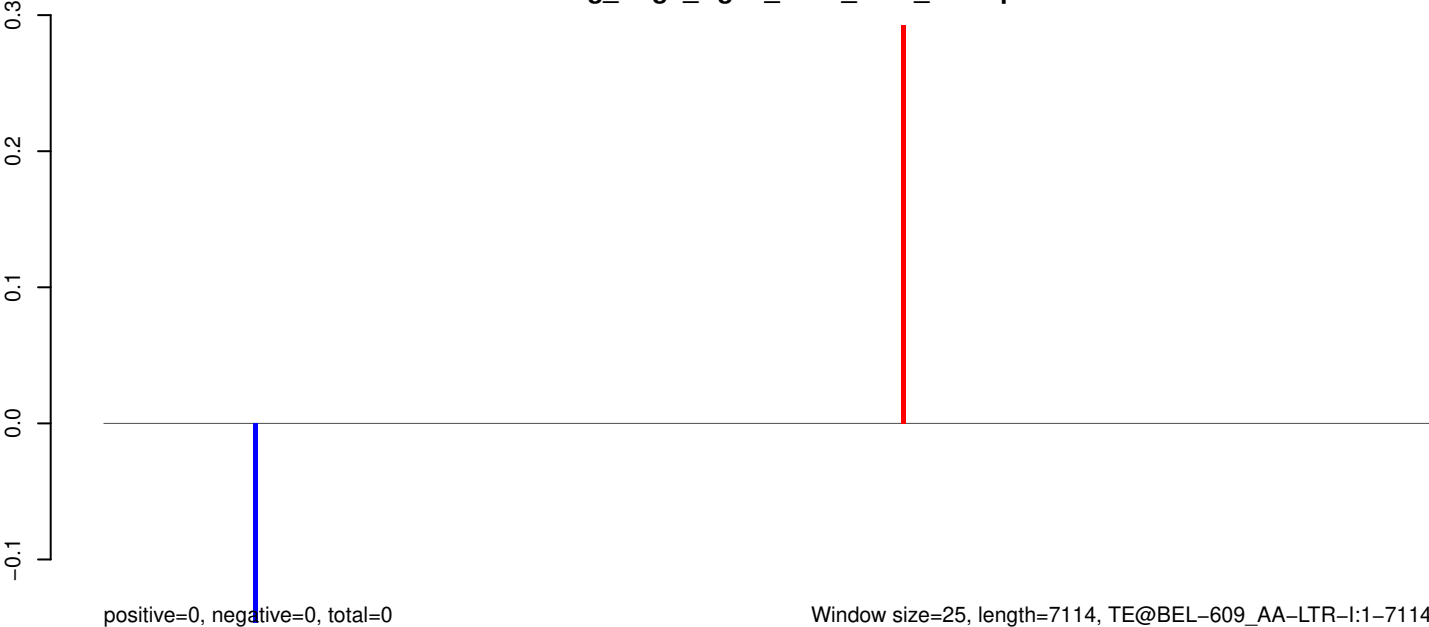
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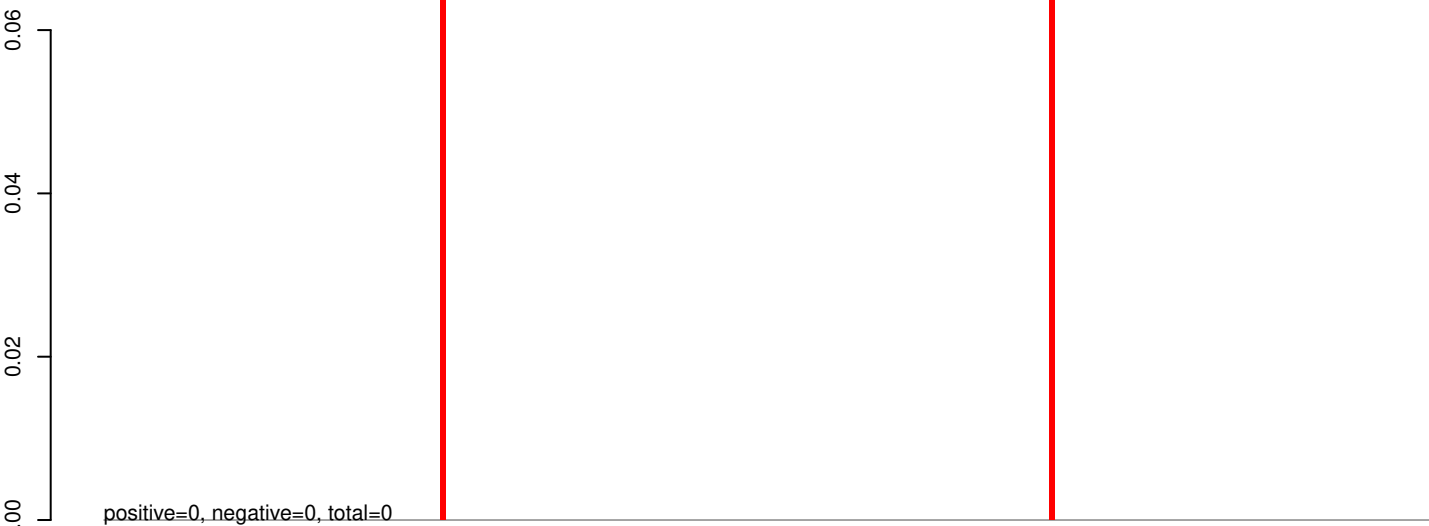
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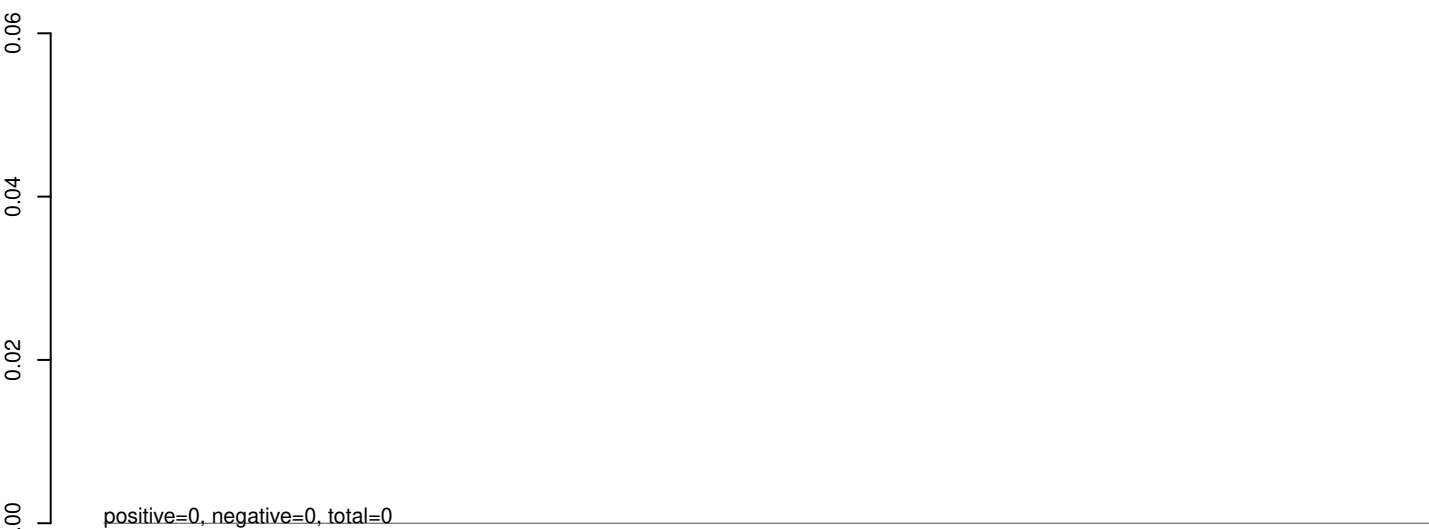
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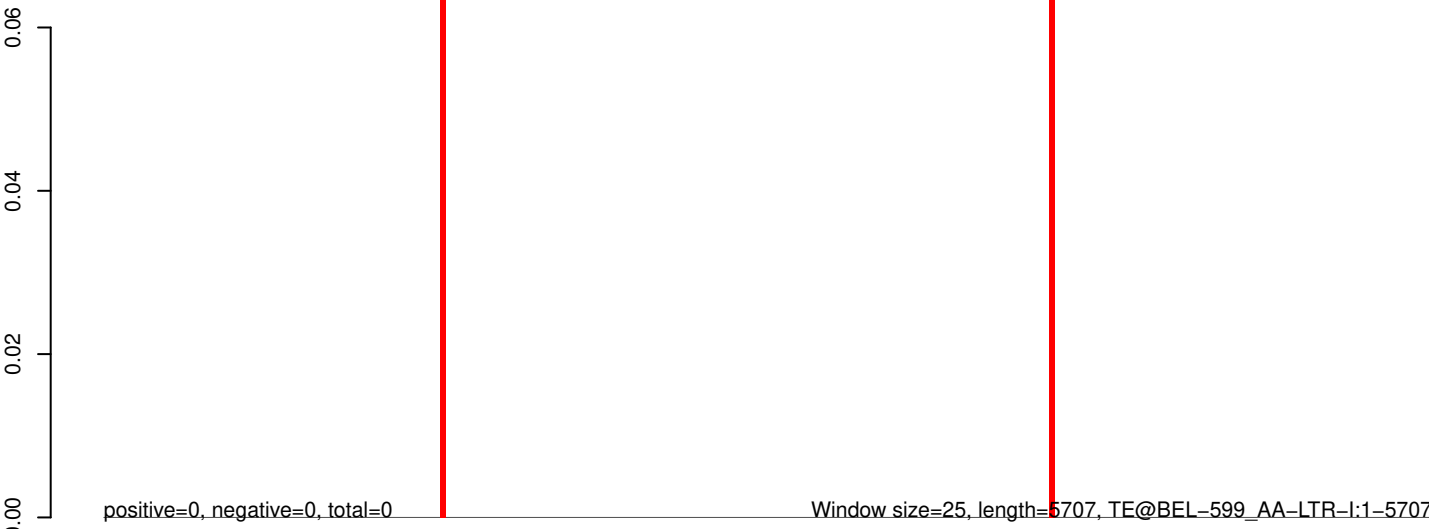
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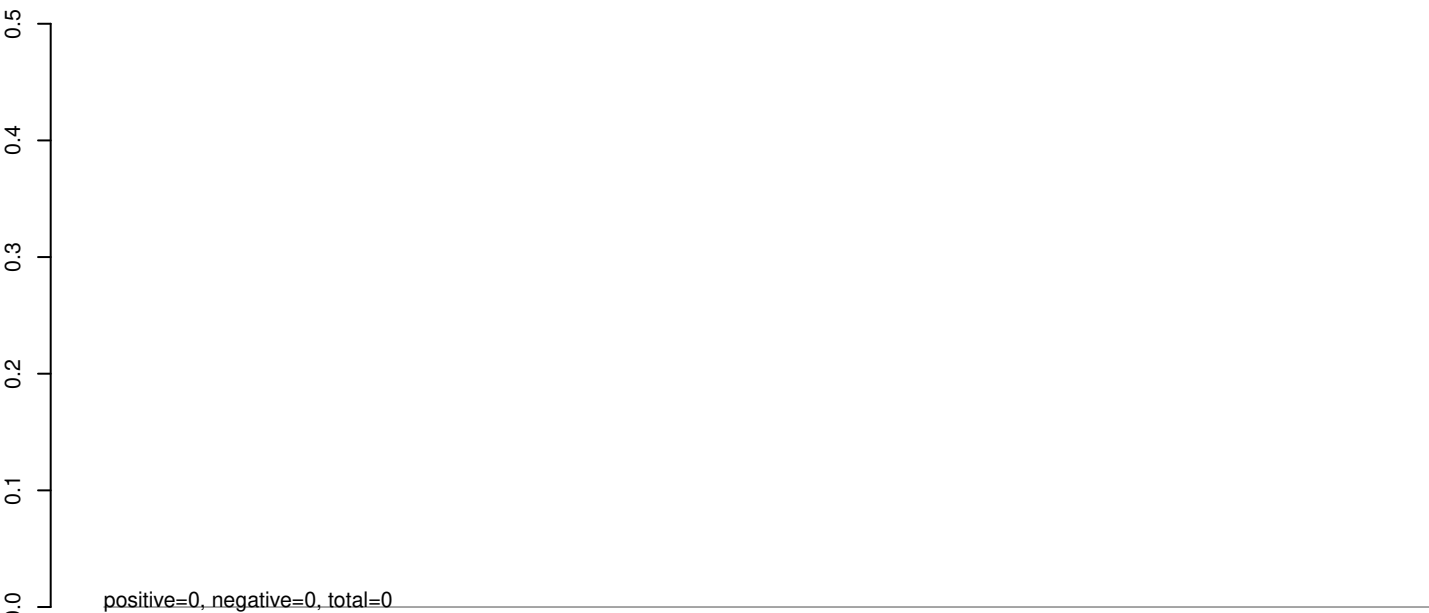
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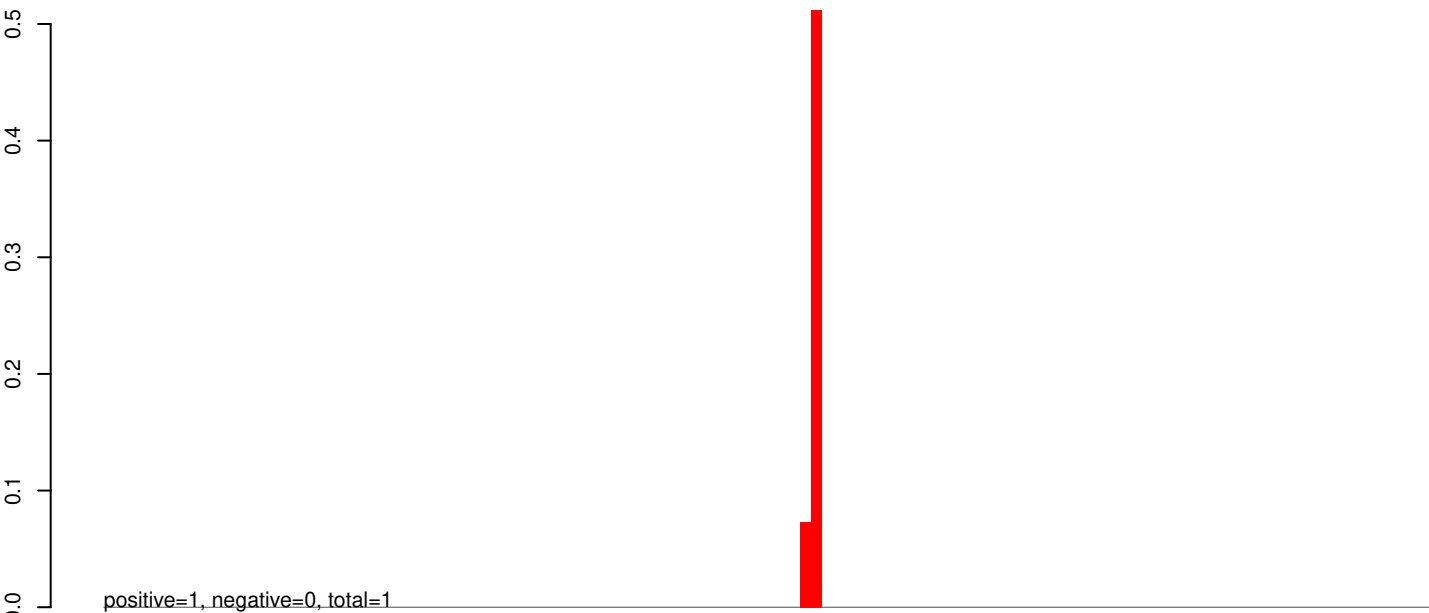
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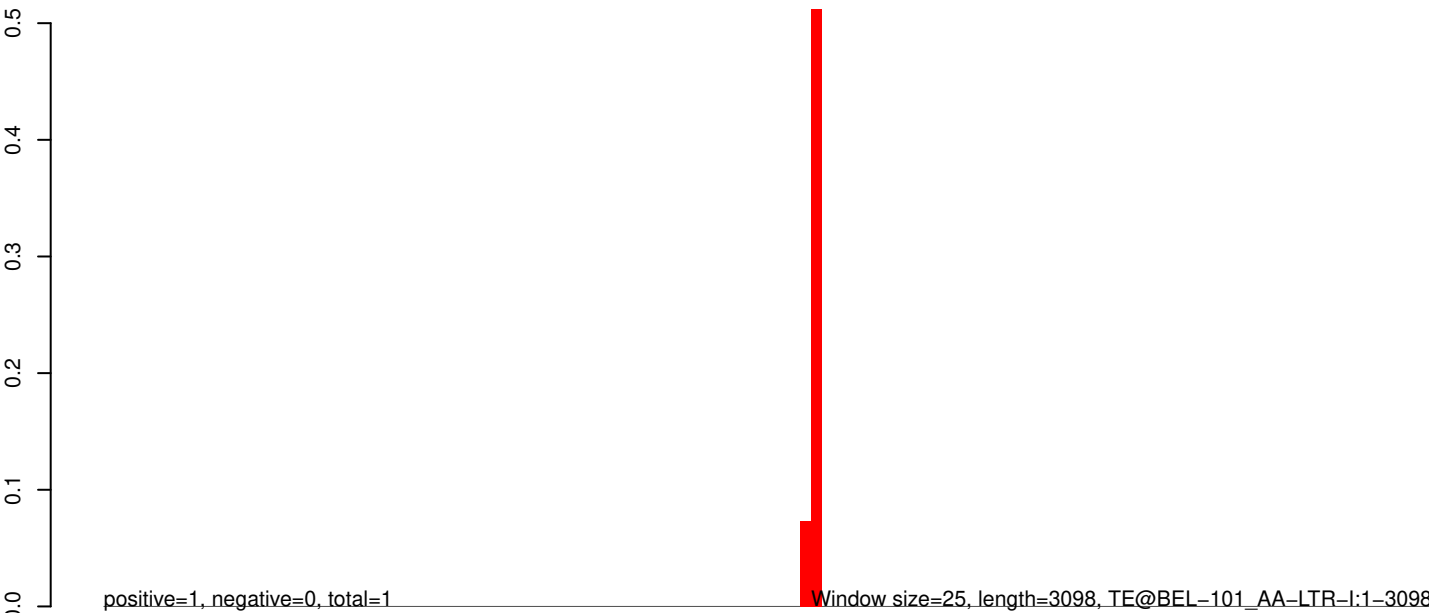
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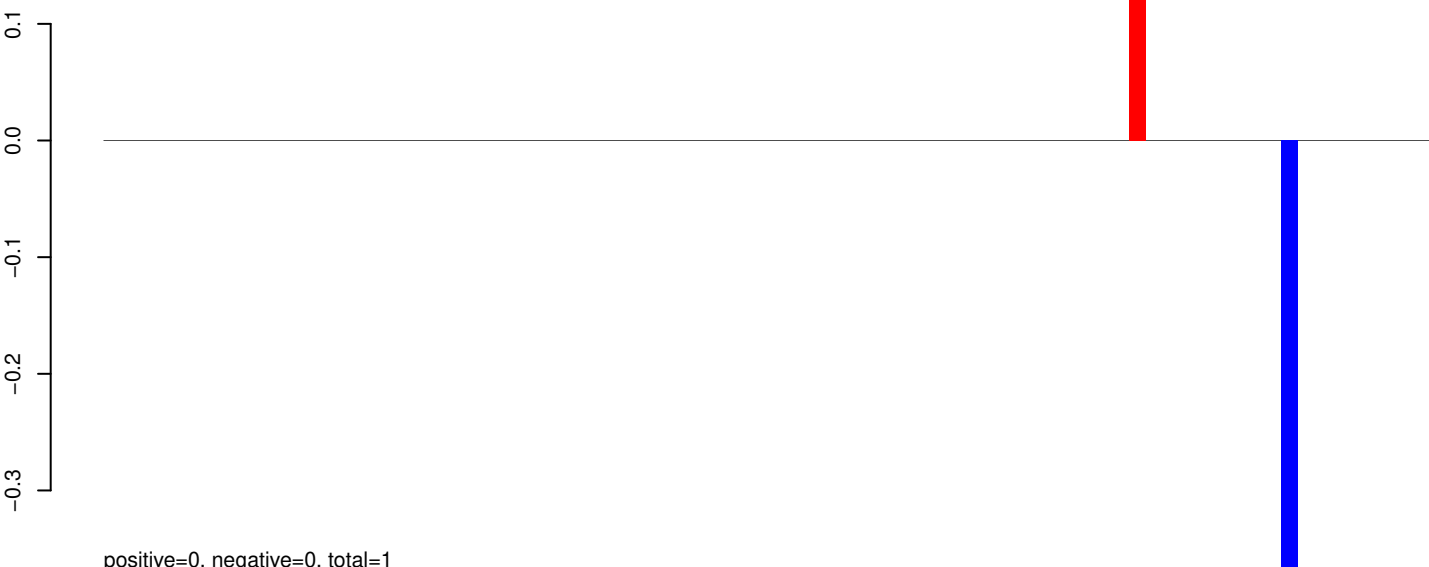


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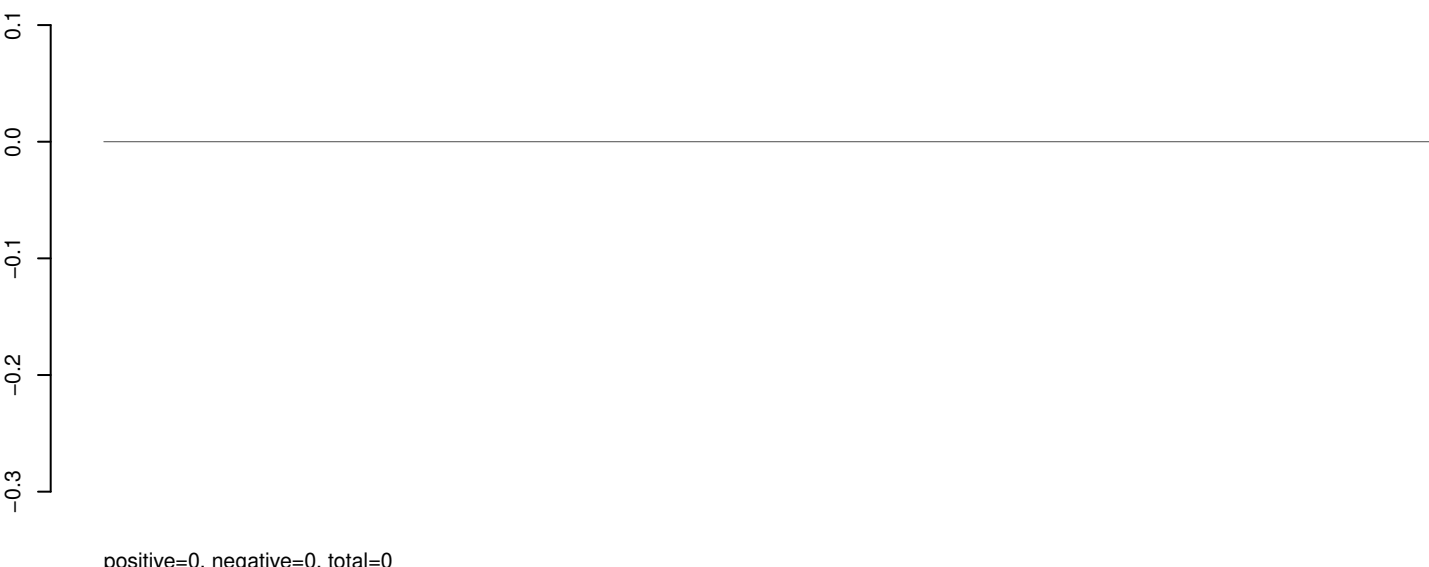
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



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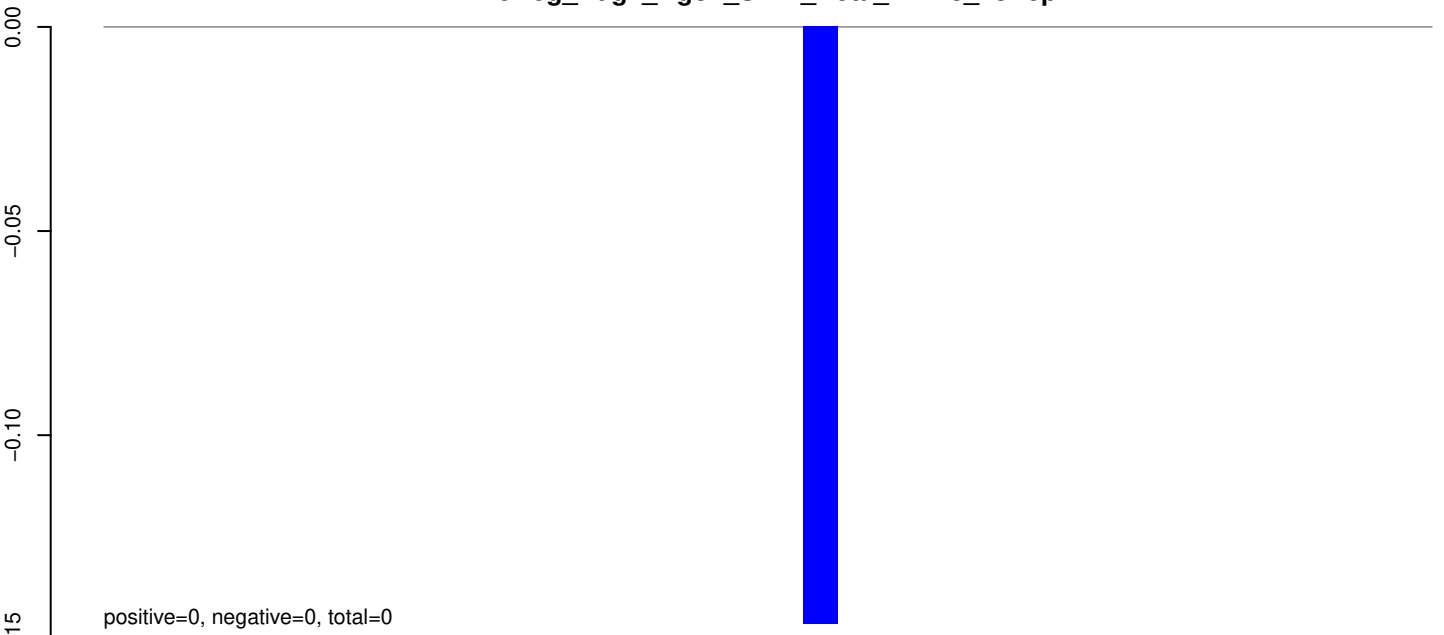
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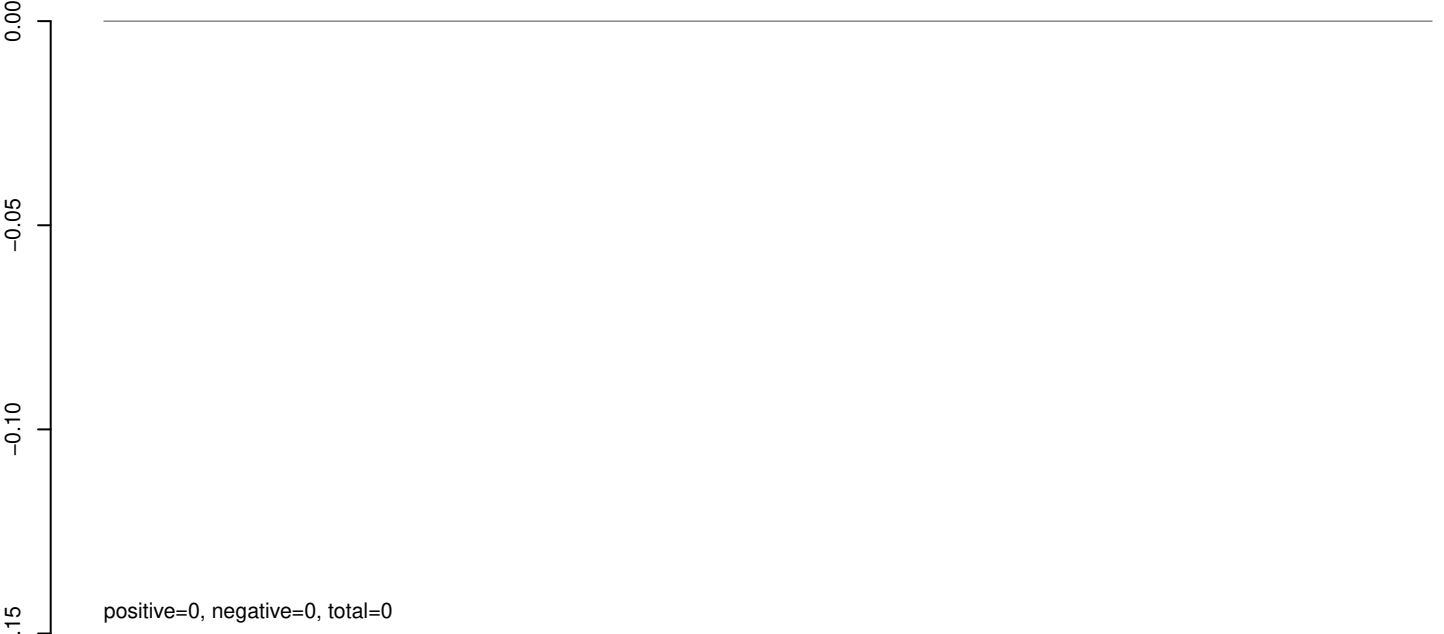
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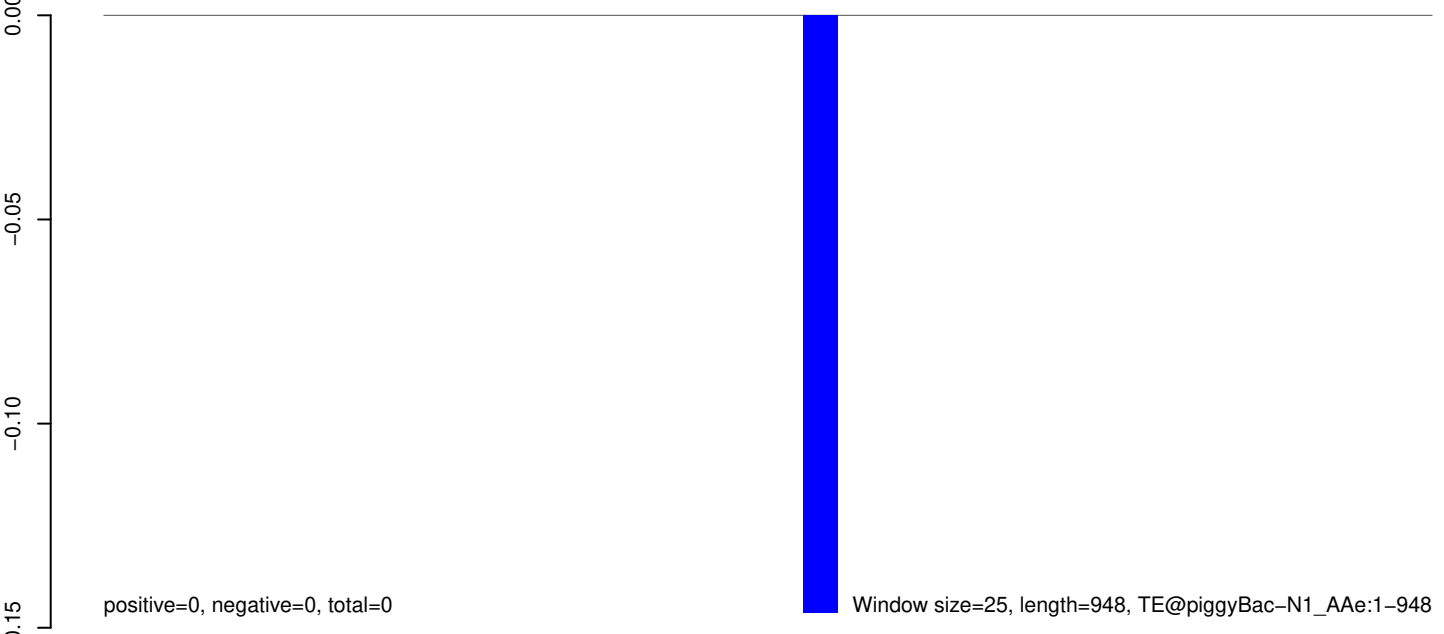
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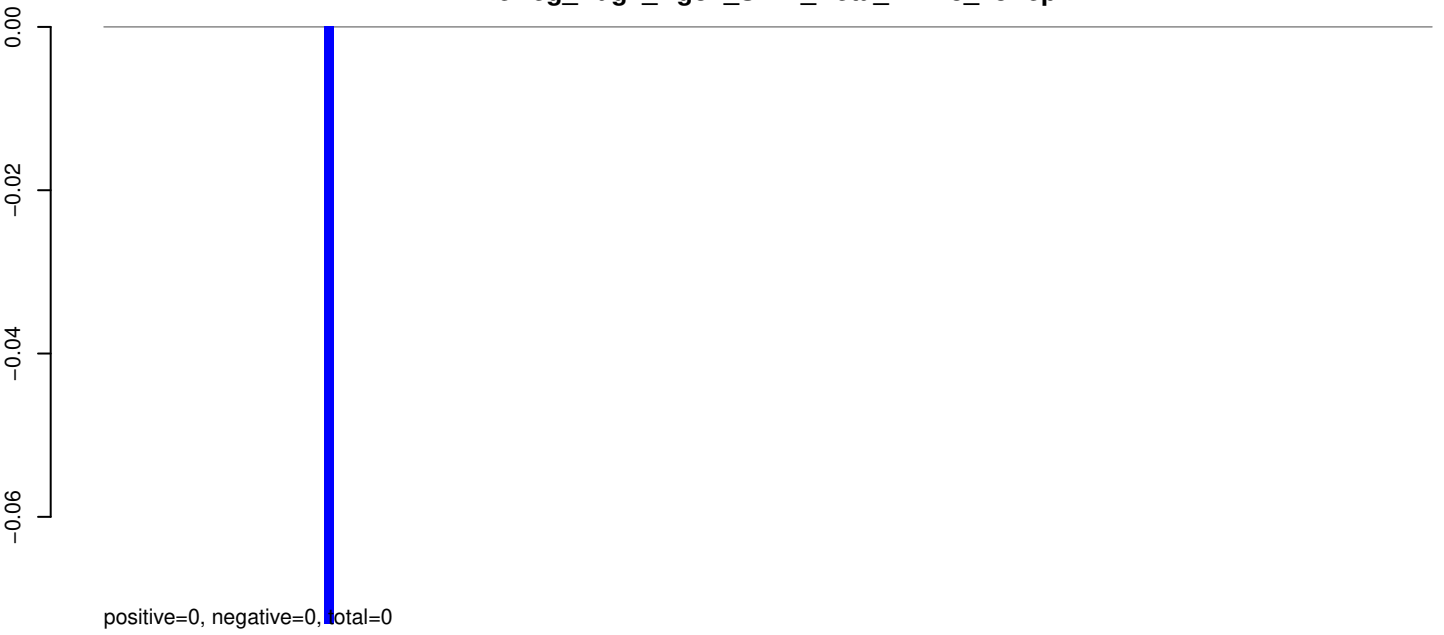


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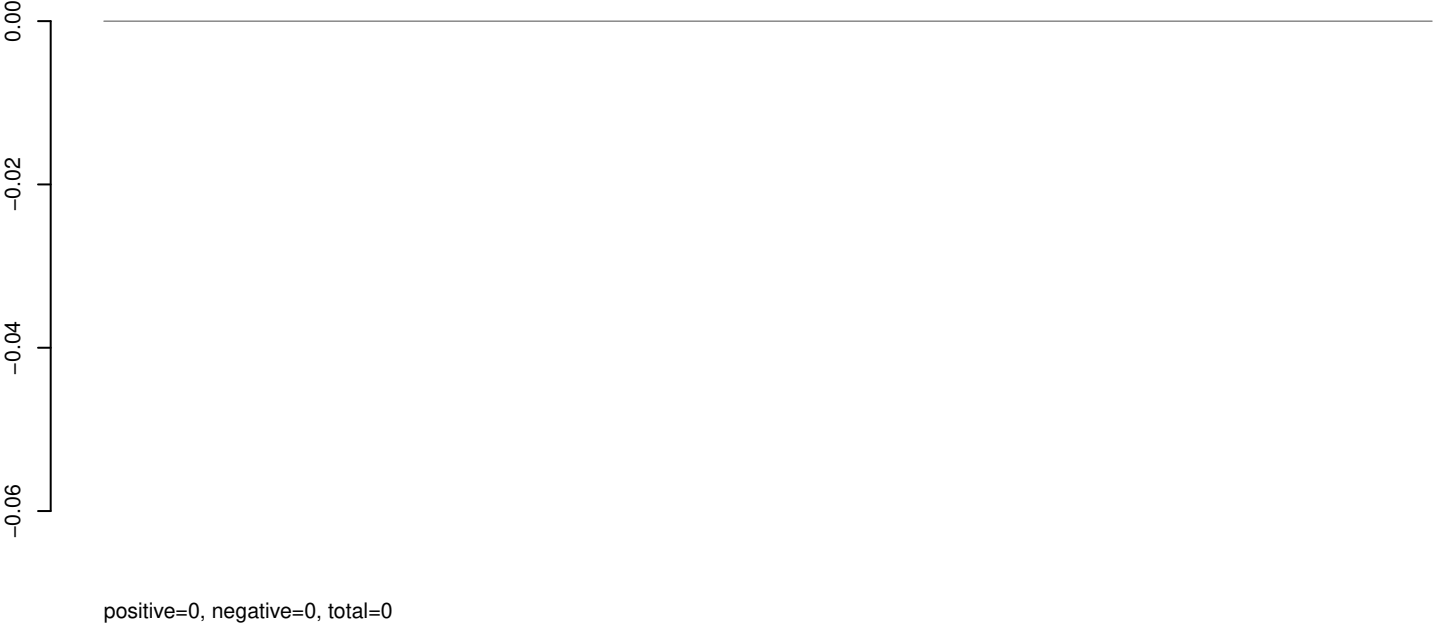


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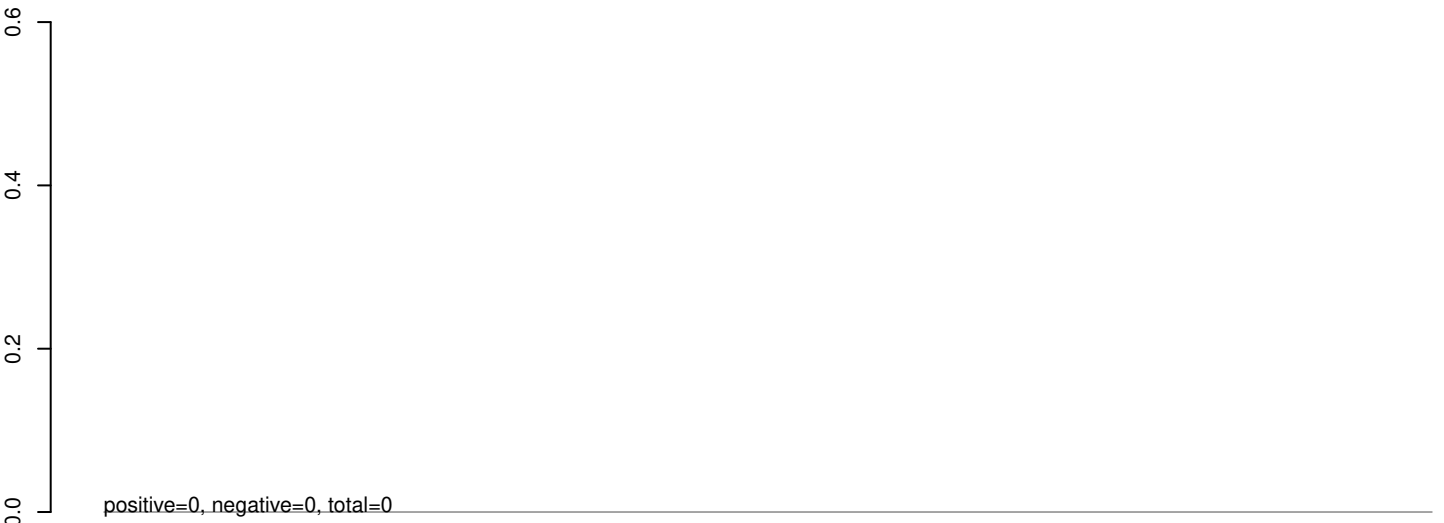
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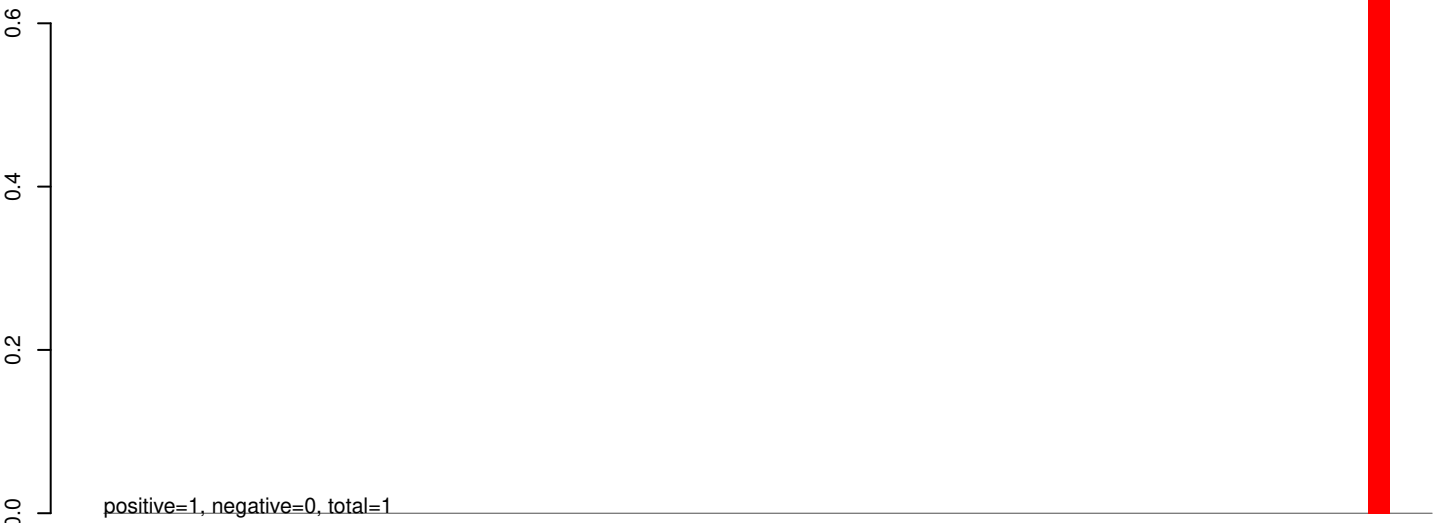
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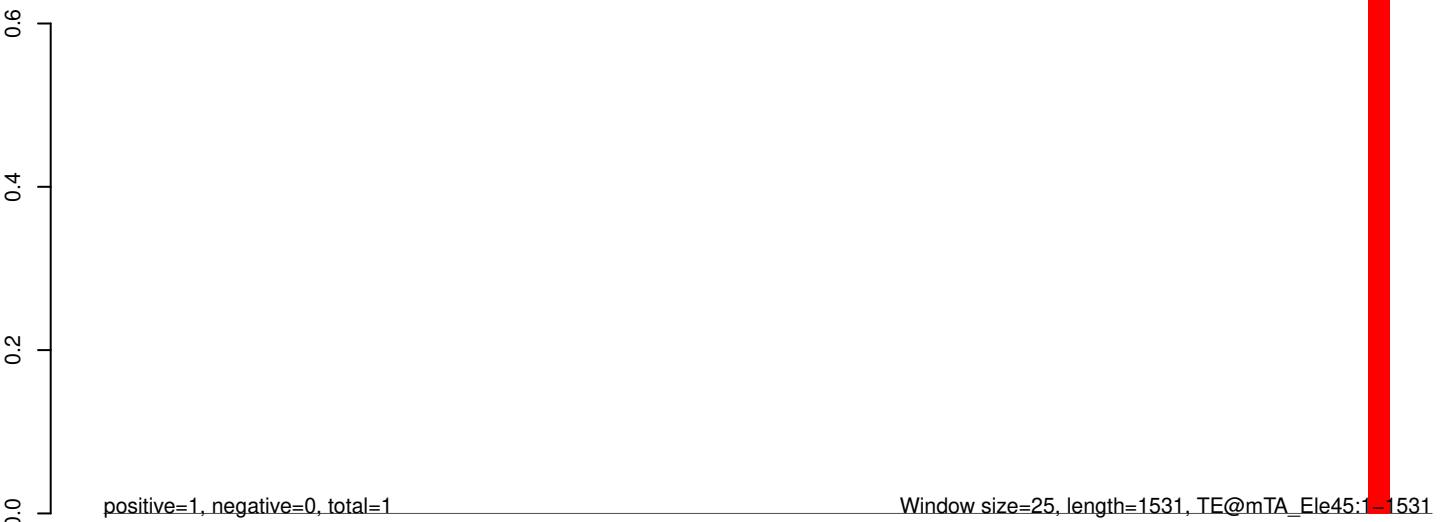
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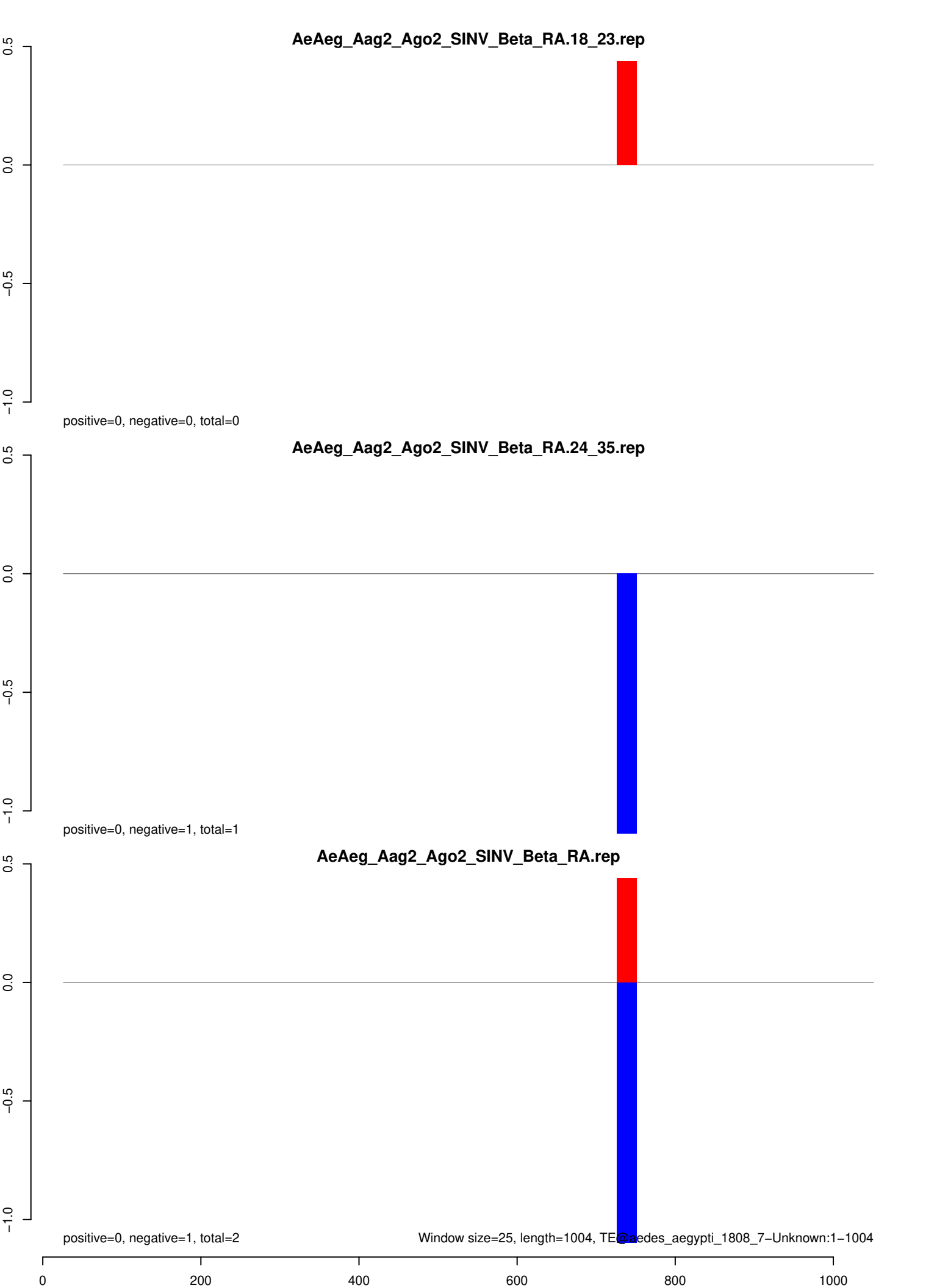


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

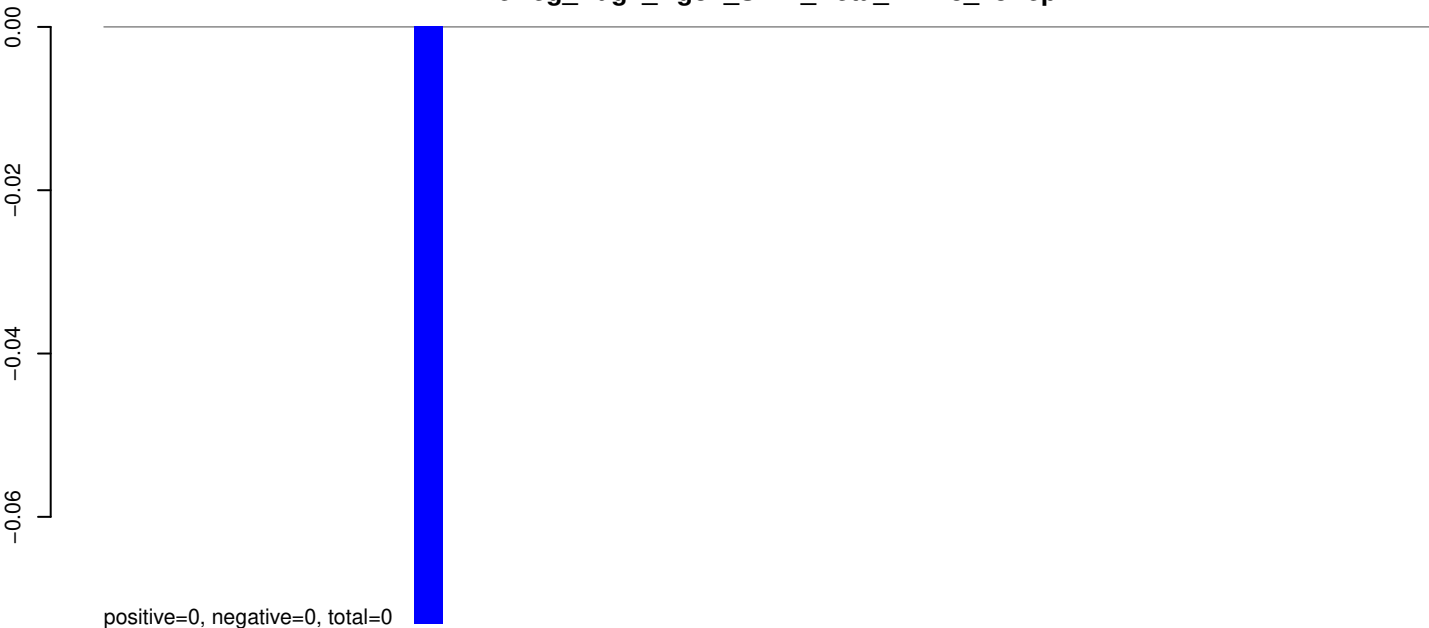


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep





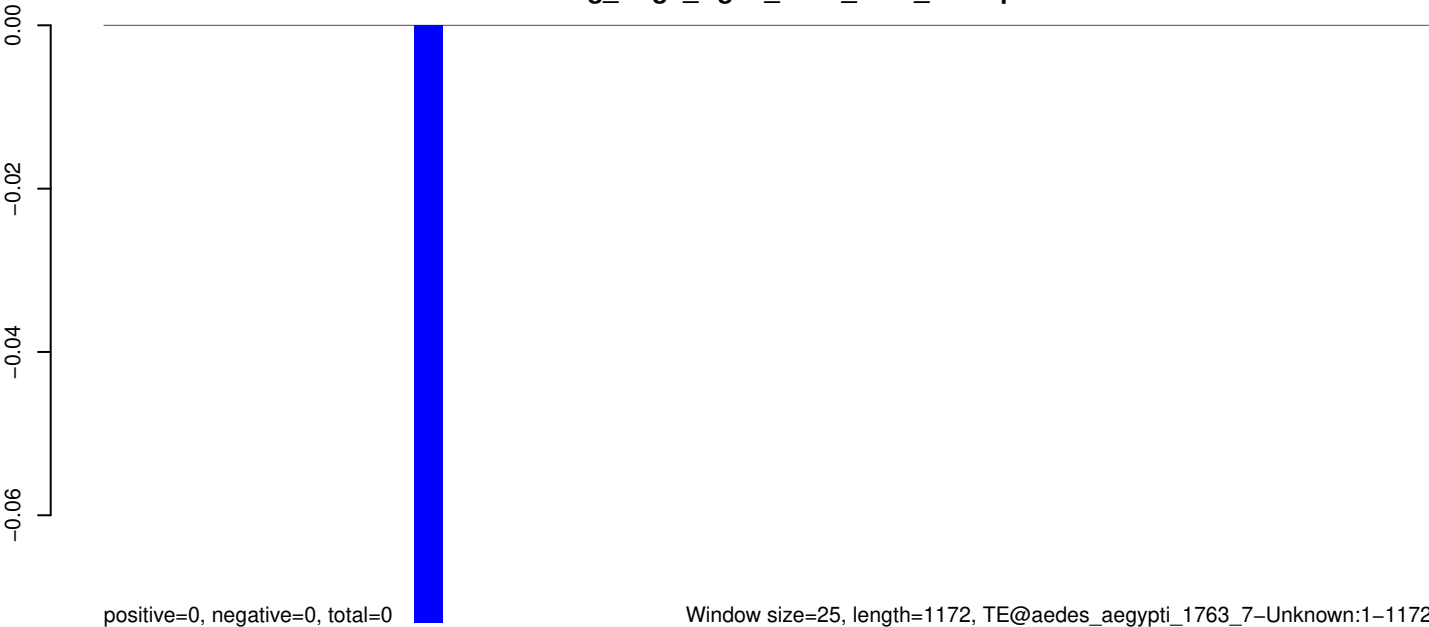
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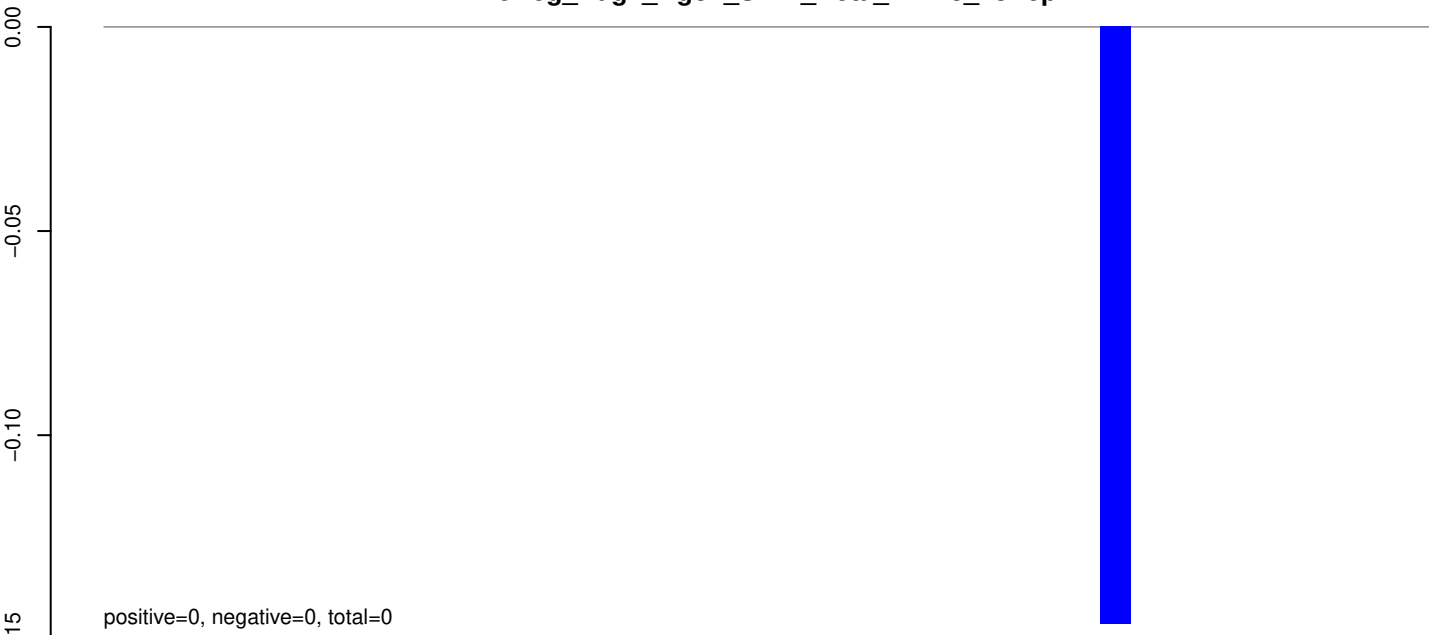
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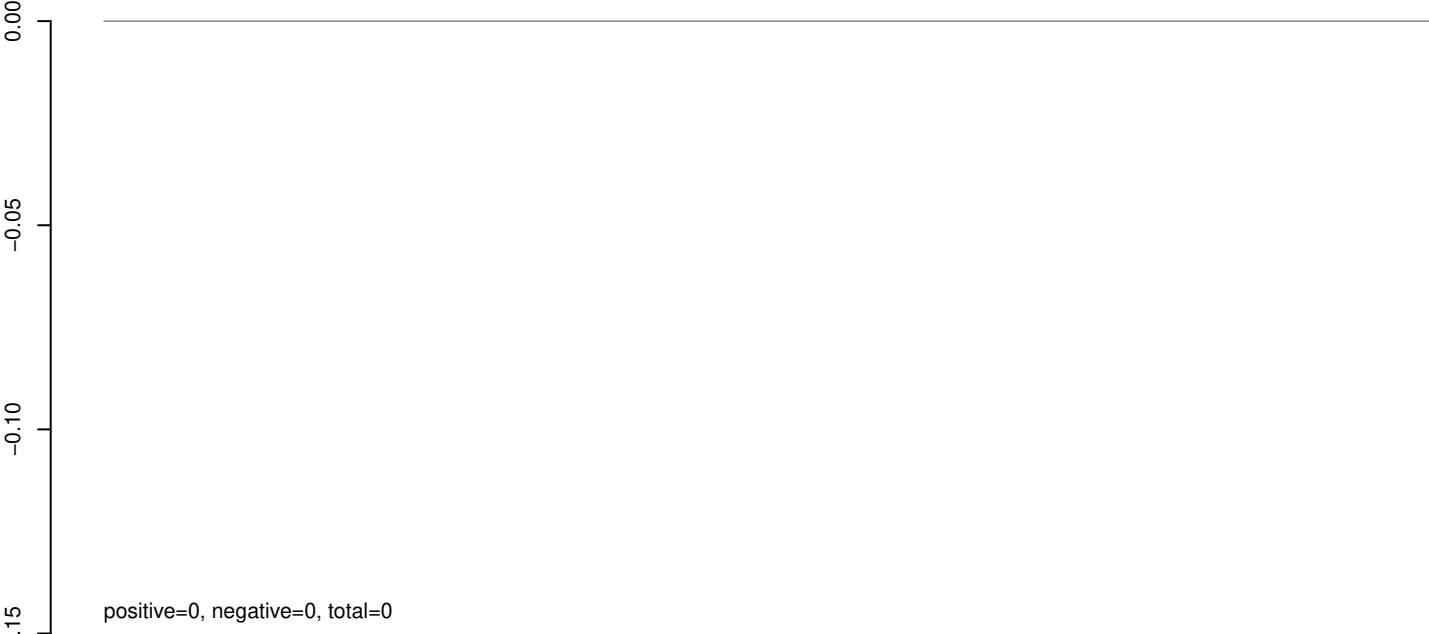
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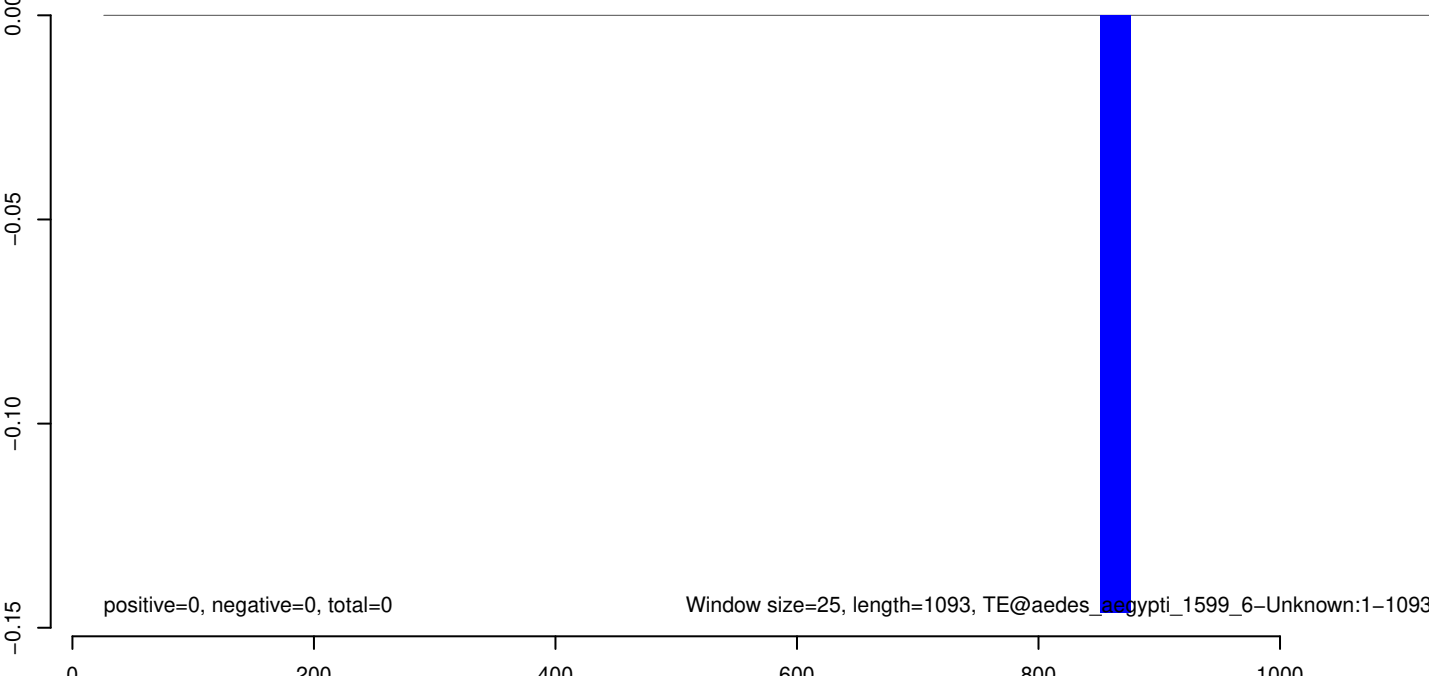
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

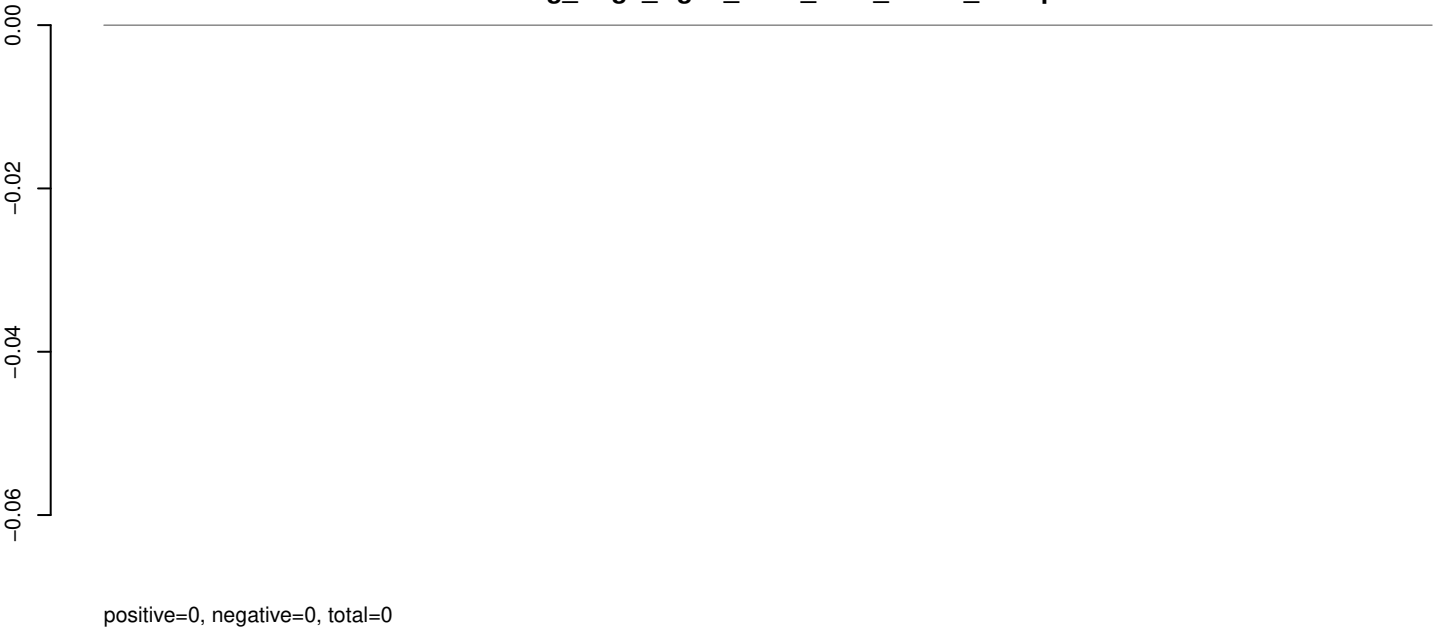




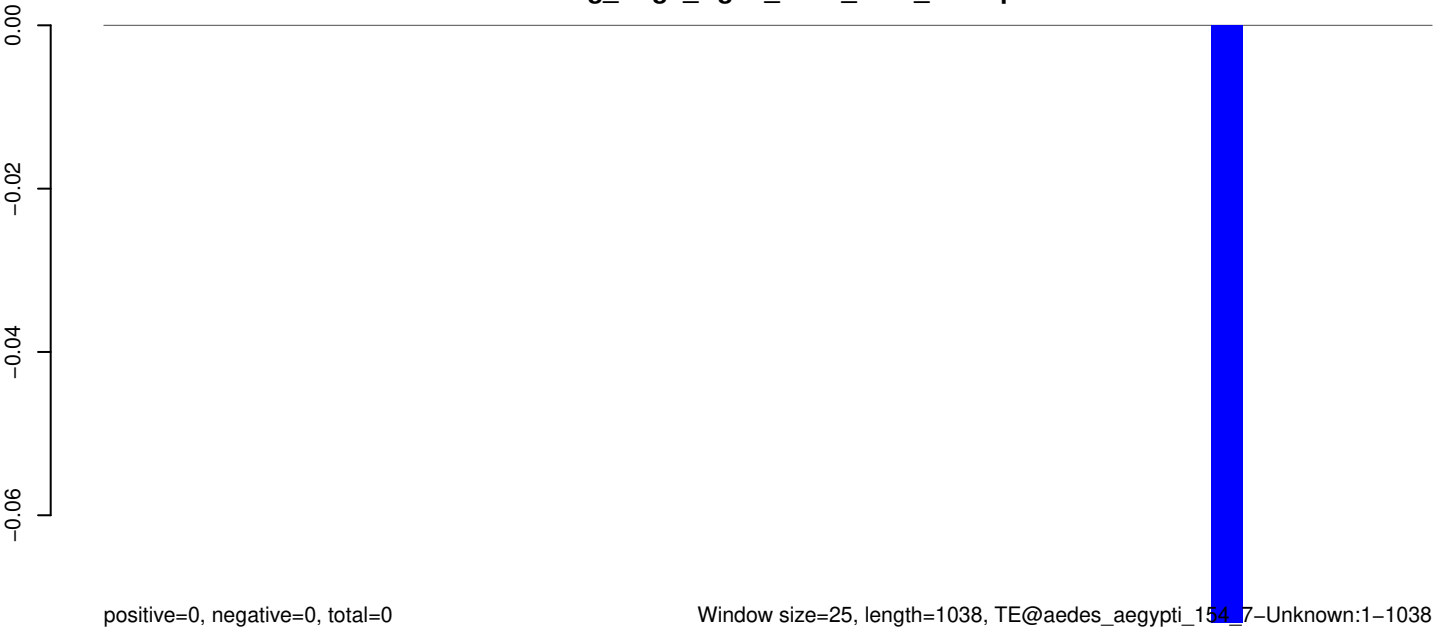
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



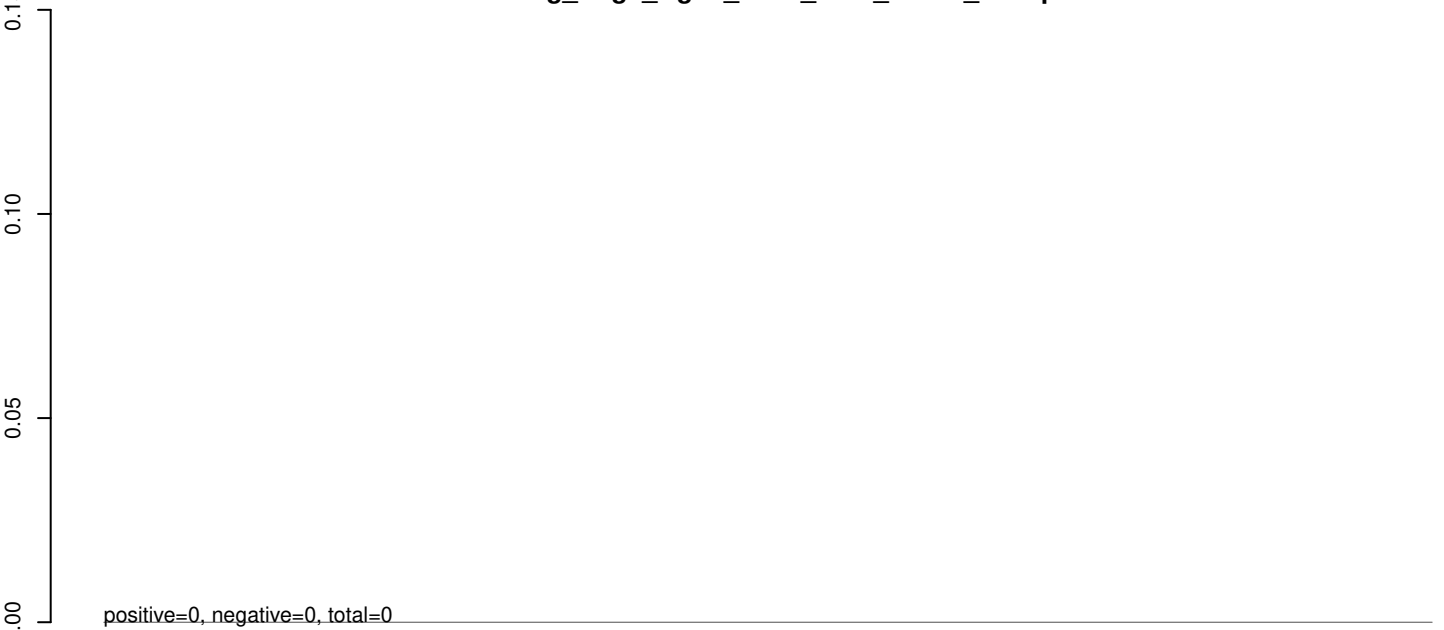
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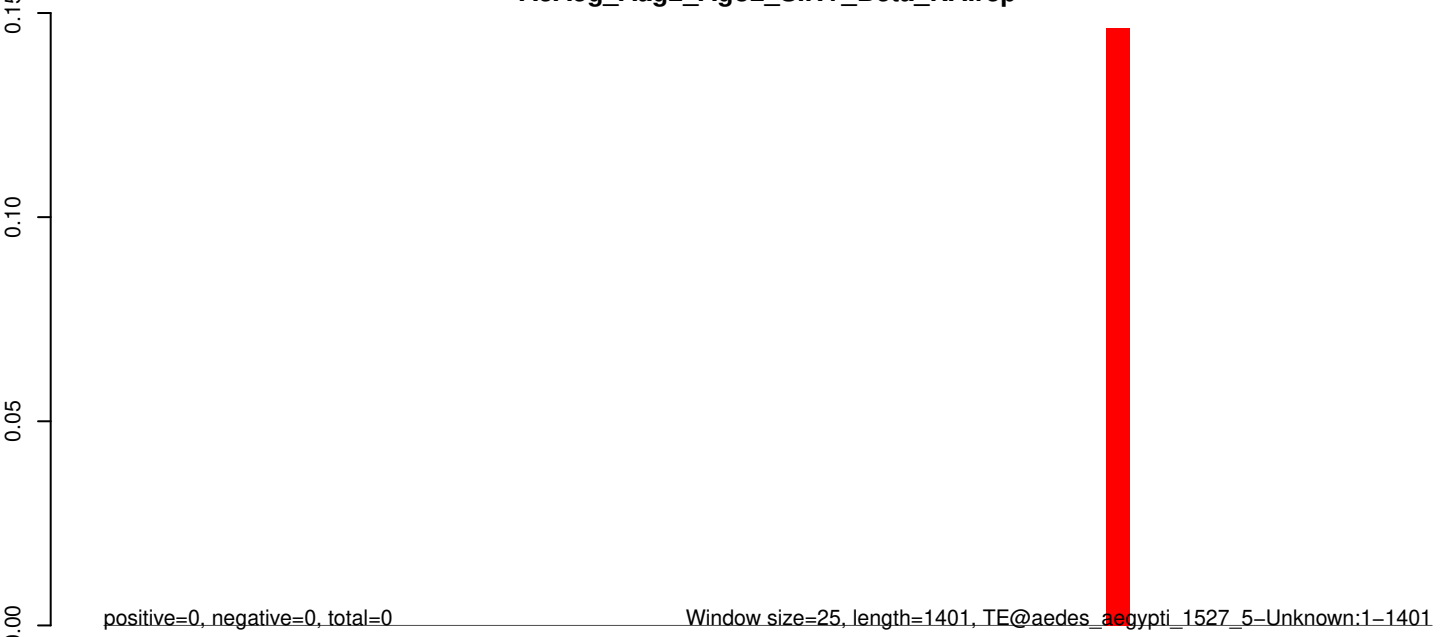
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

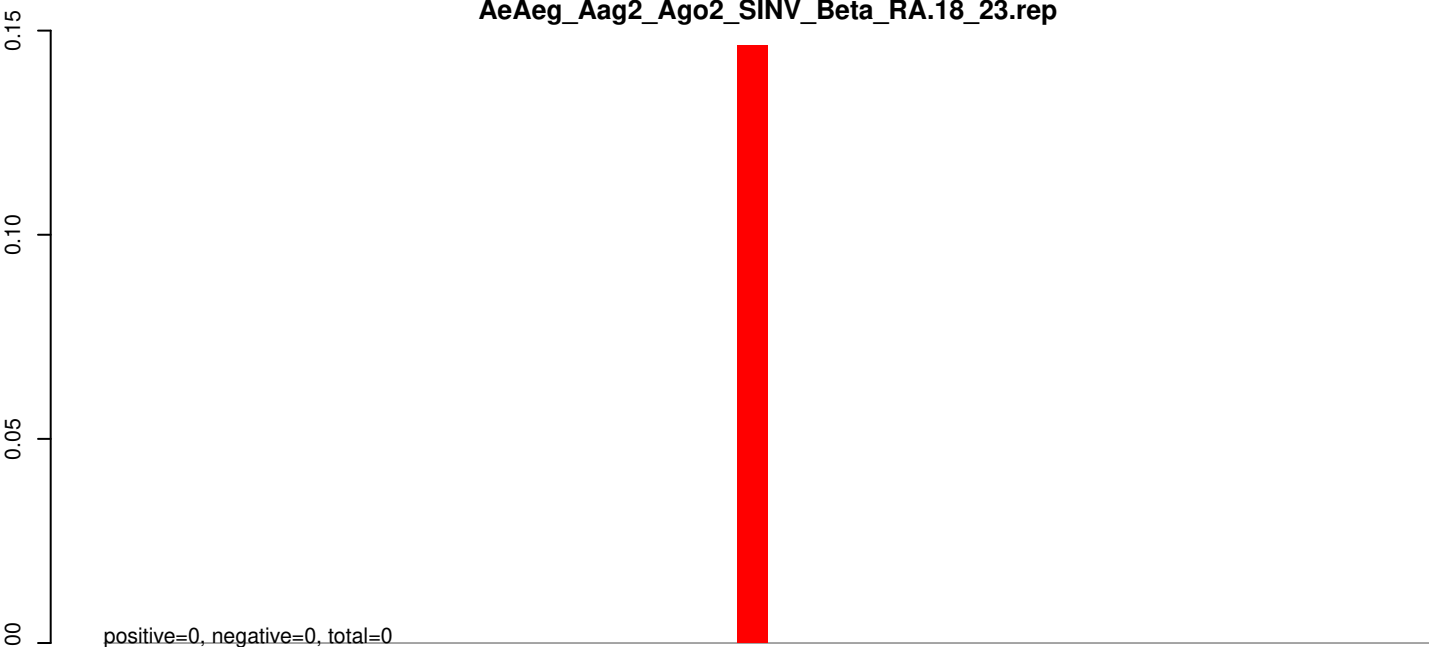


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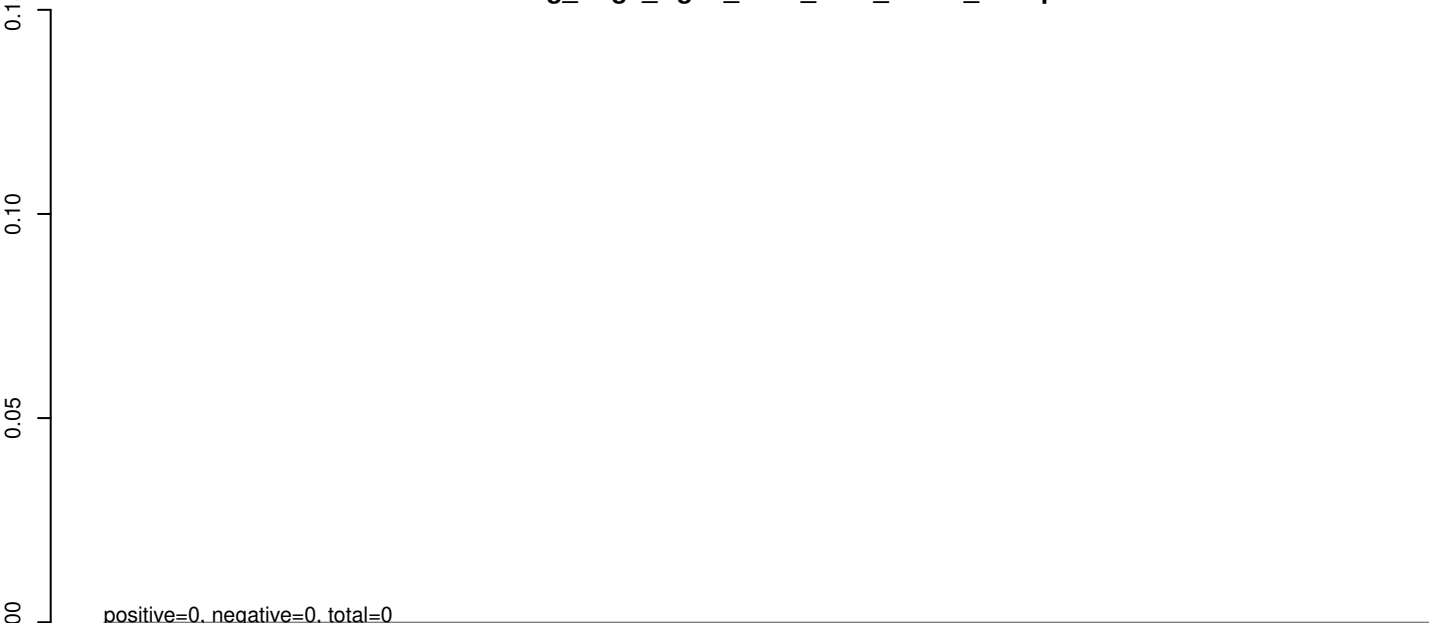


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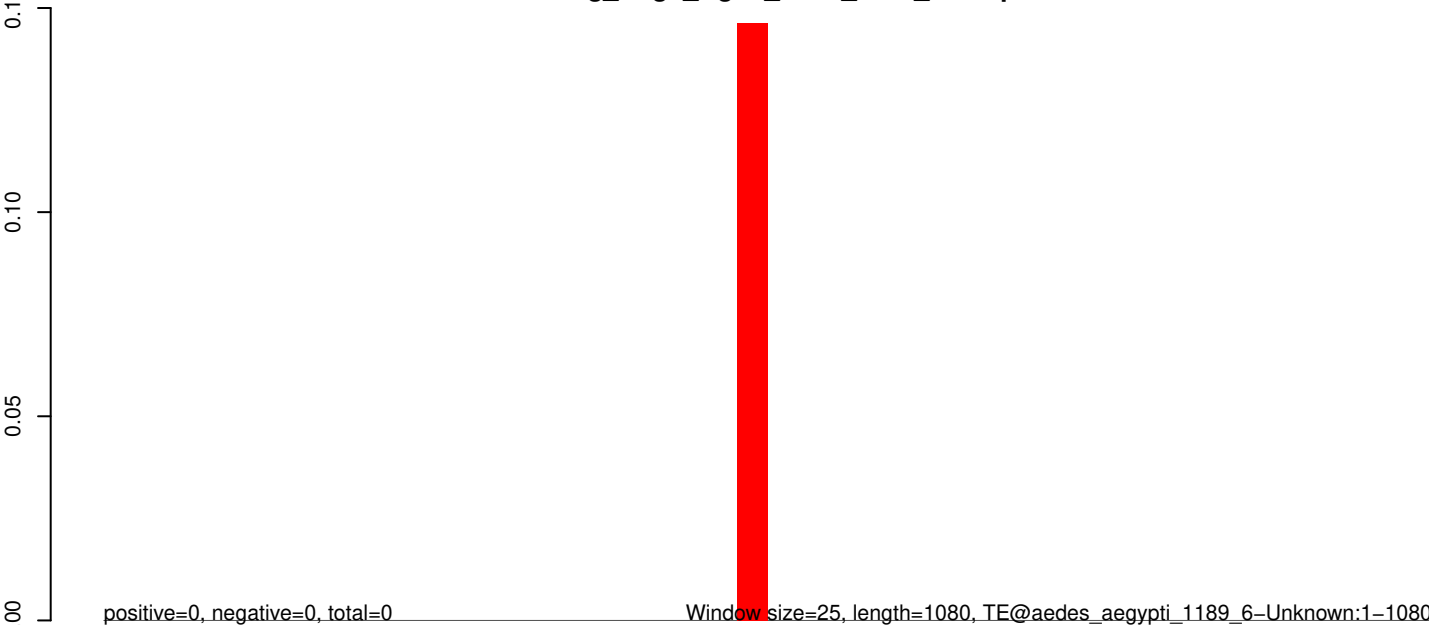
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

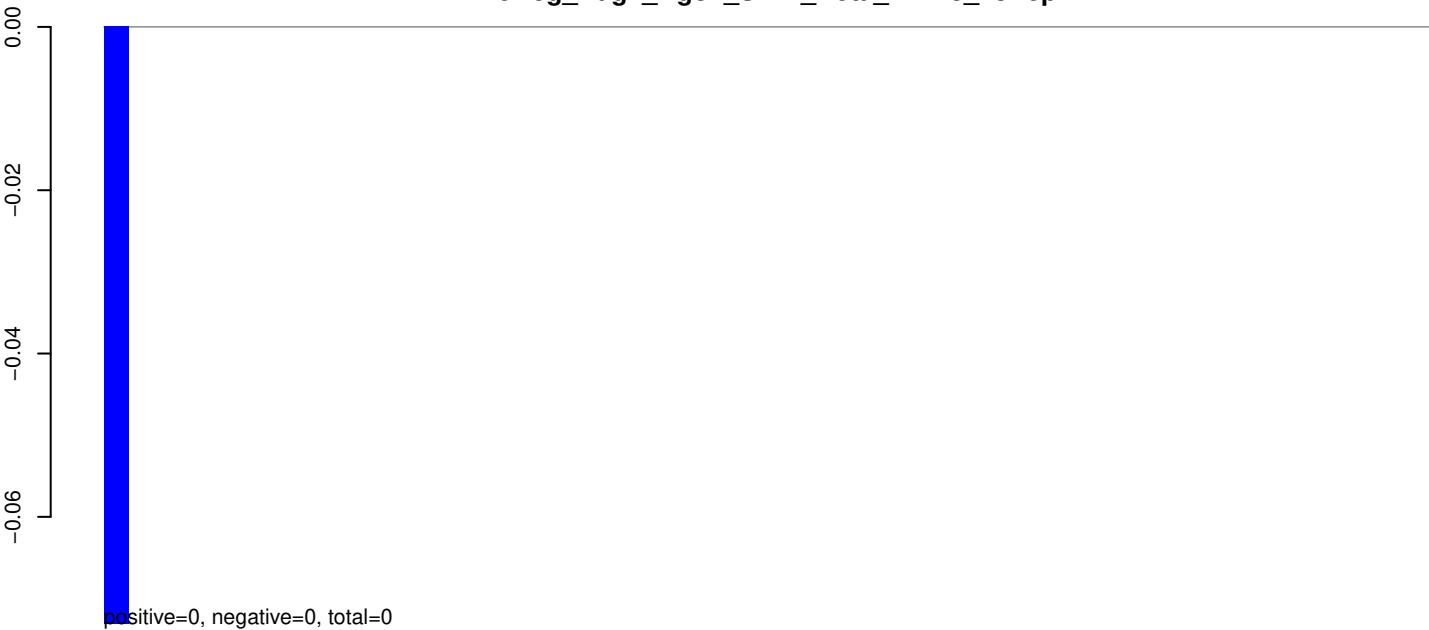


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

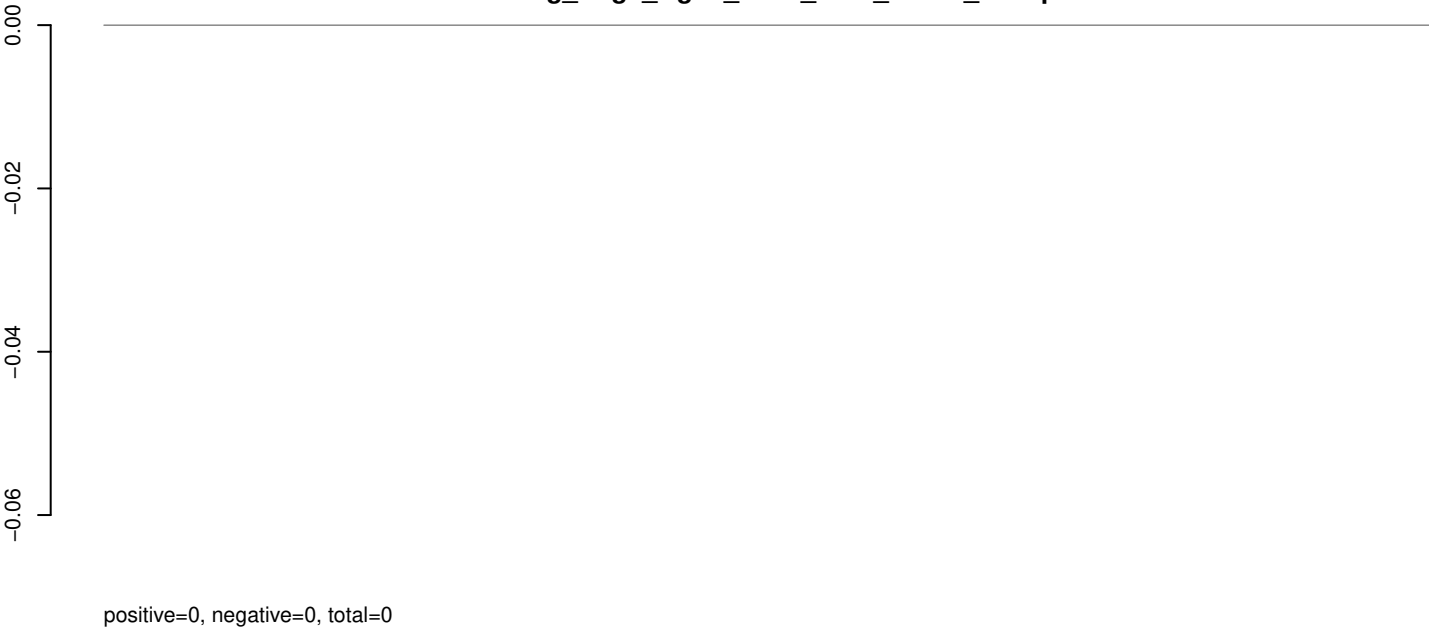


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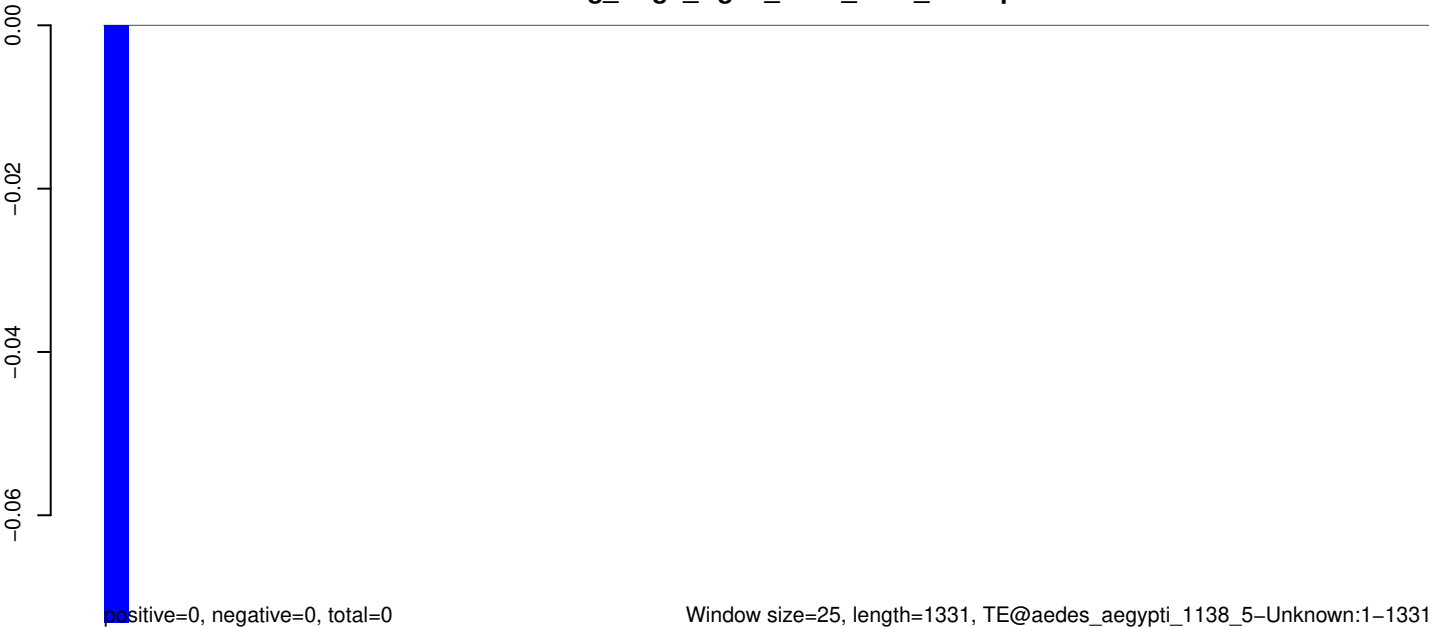
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



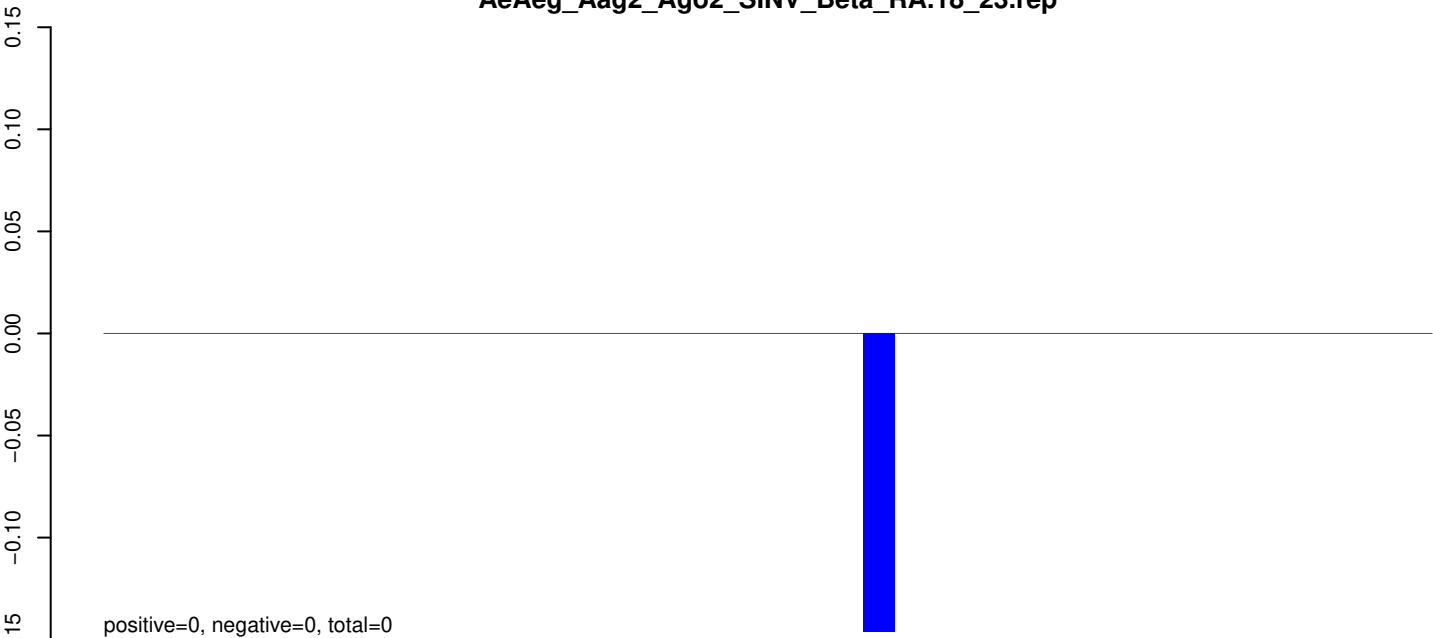
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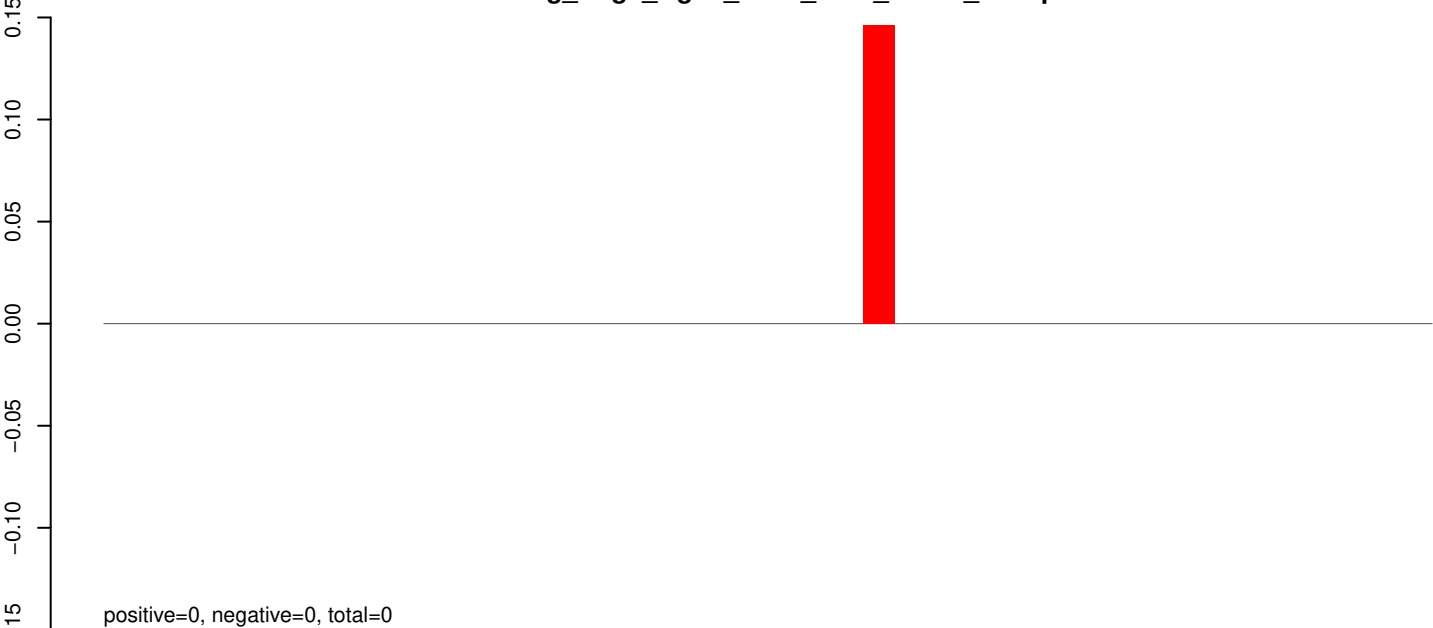
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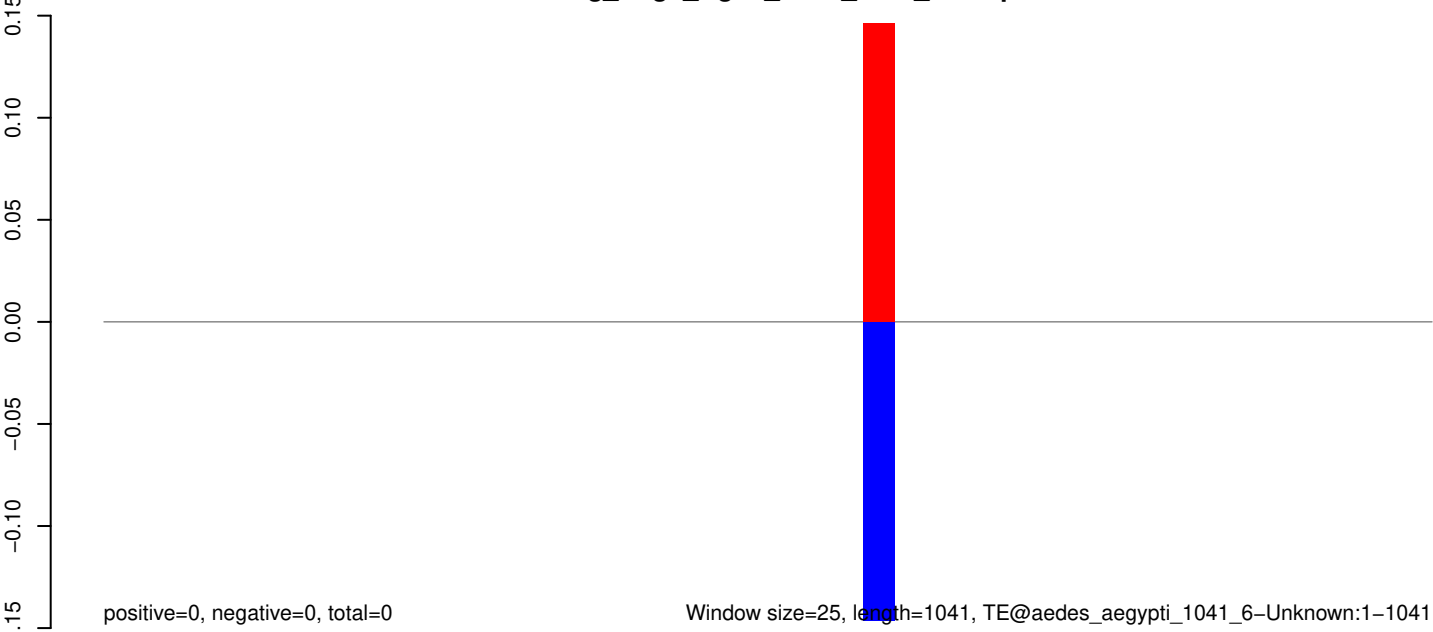
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

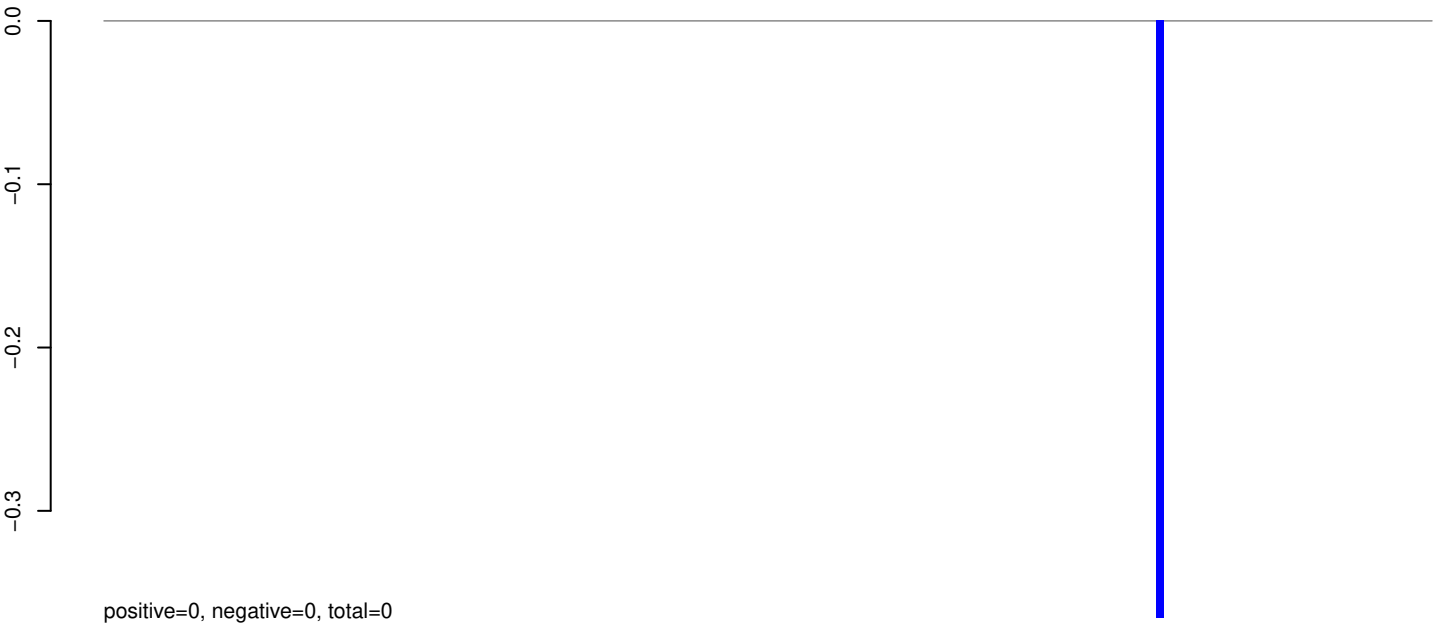


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



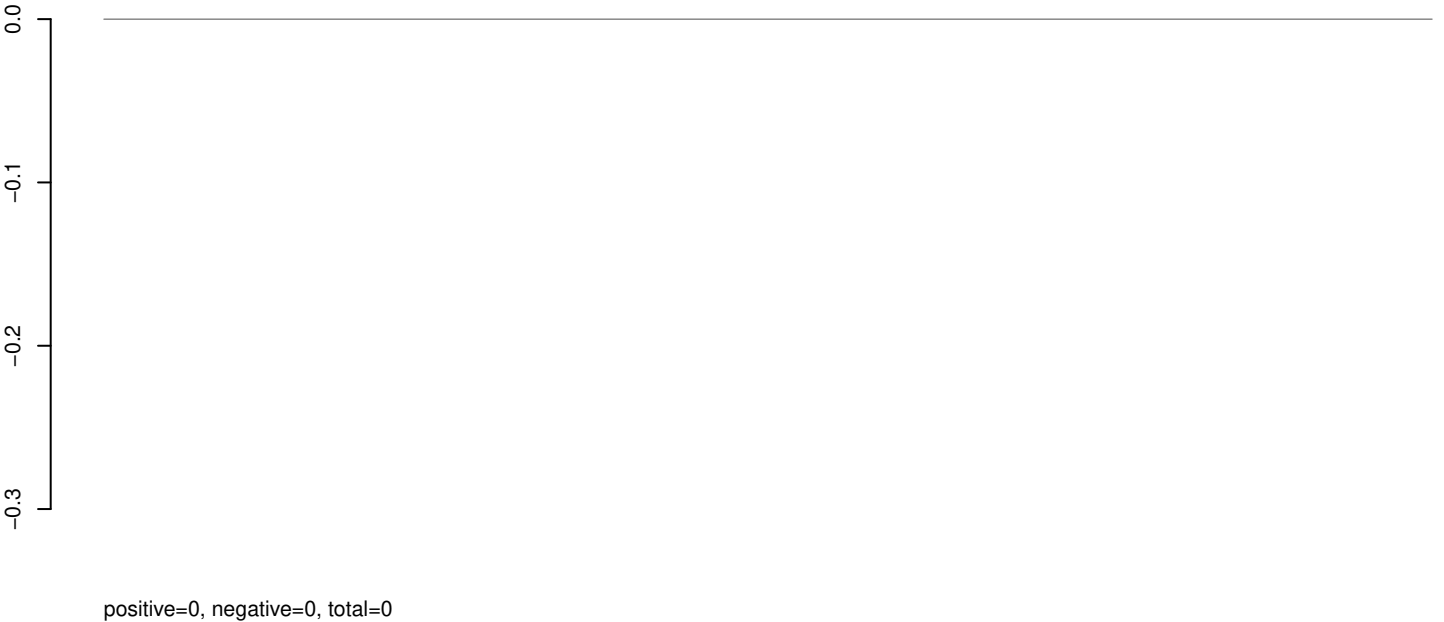
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=0, total=0

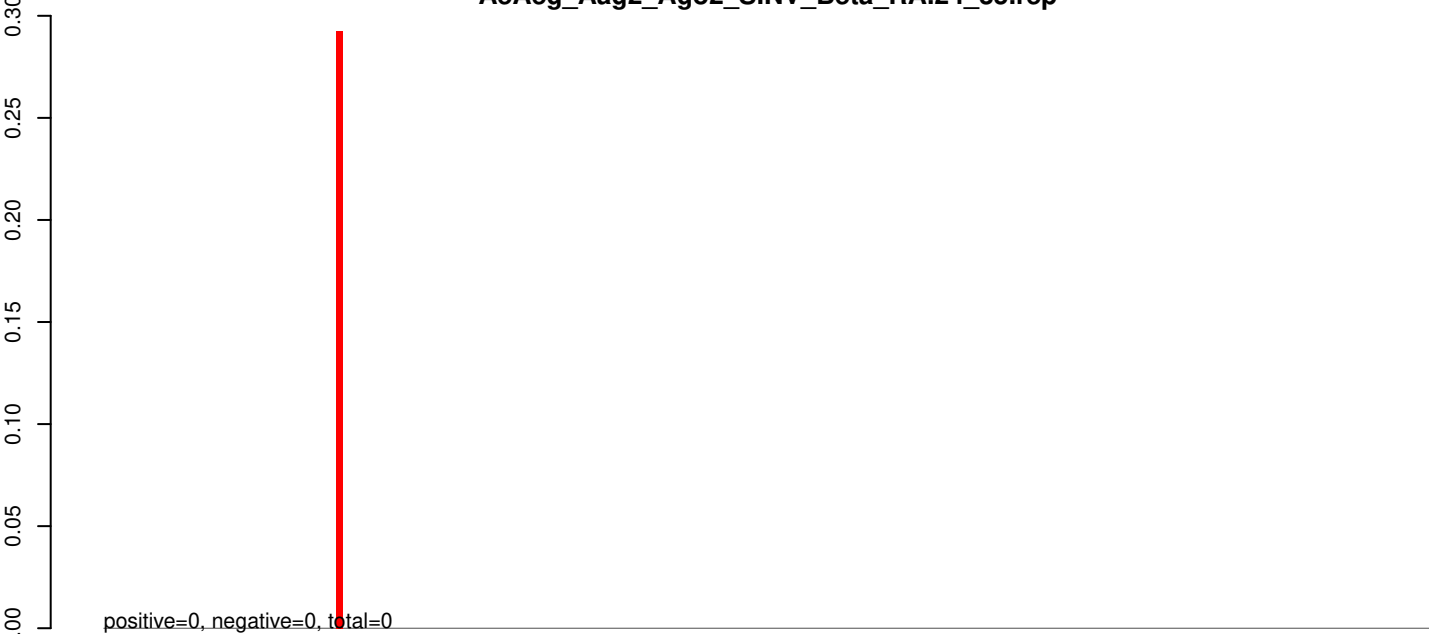
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

0.00  
-0.02  
-0.04  
-0.06

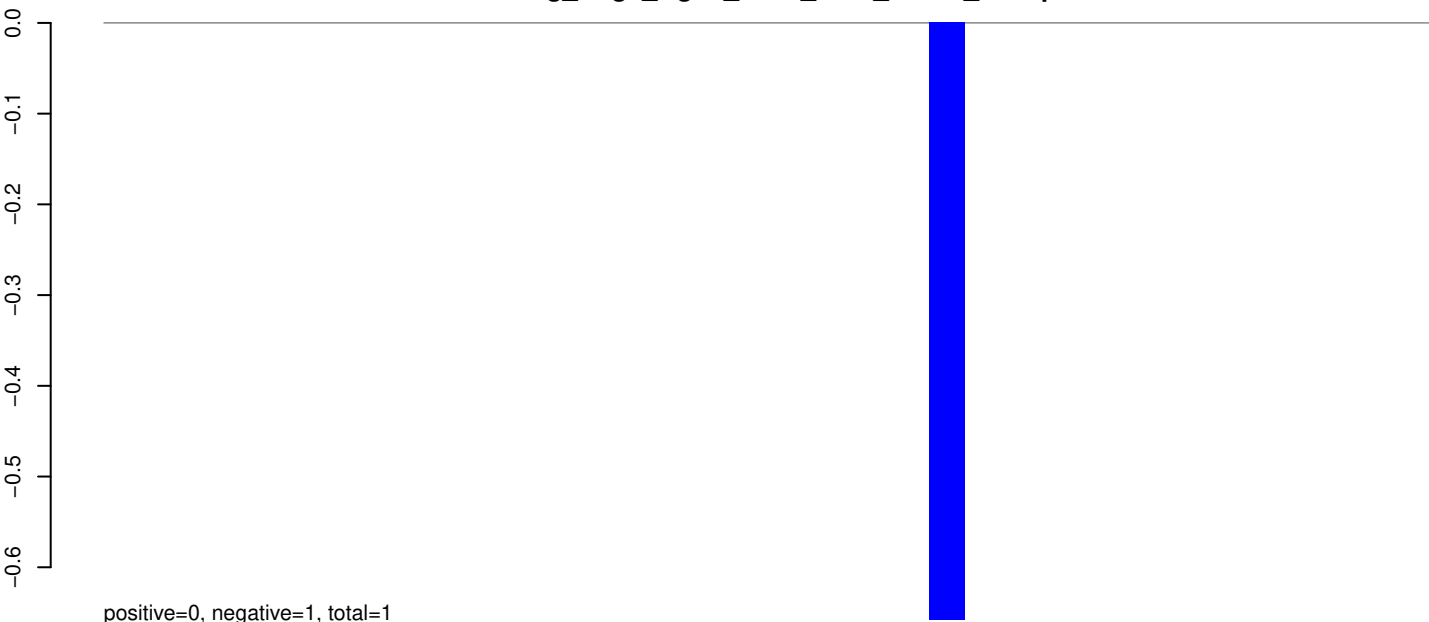
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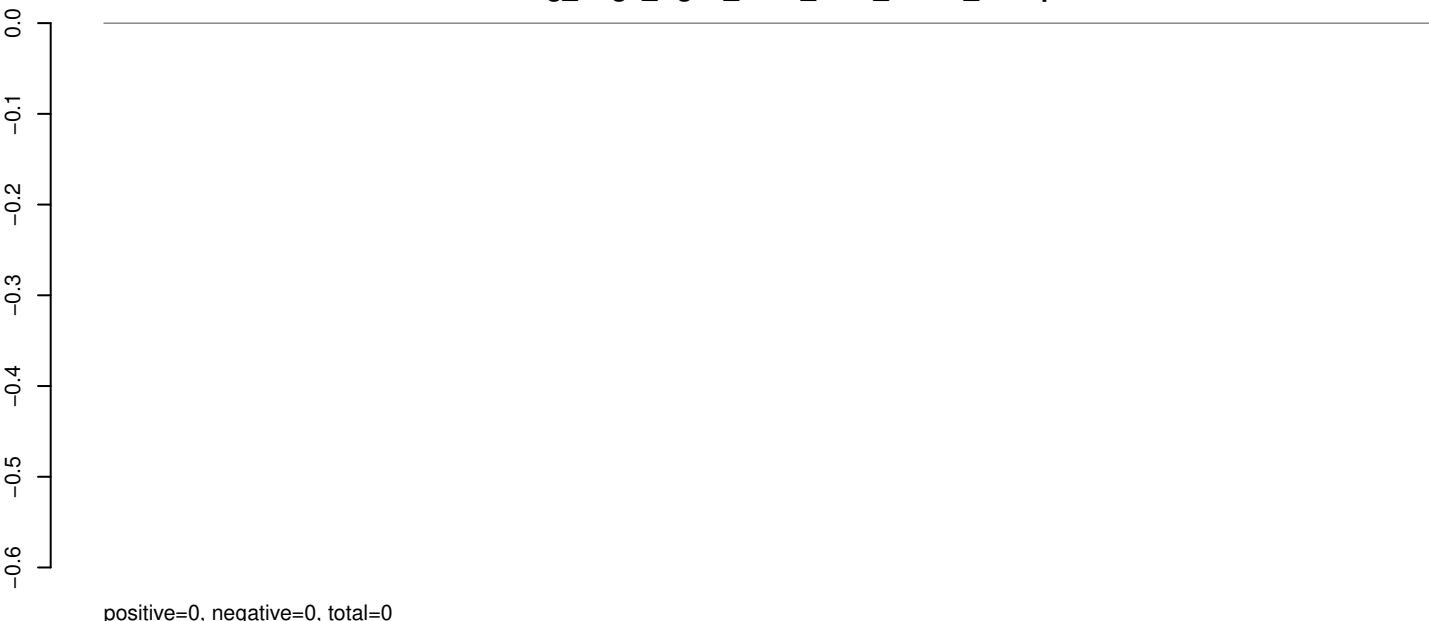


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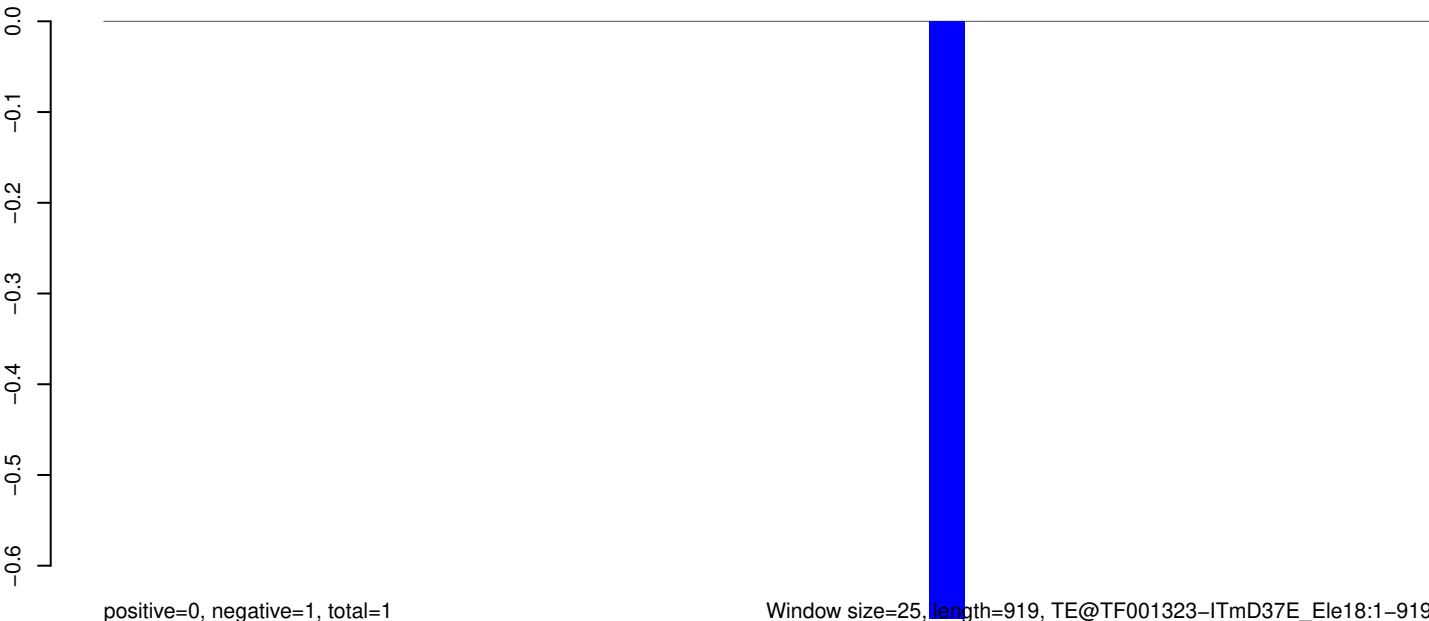
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=1, total=1

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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

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100 200 300 400 500



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.15  
0.10  
0.05  
0.00  
0.00  
0.00  
0.00  
0.00

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

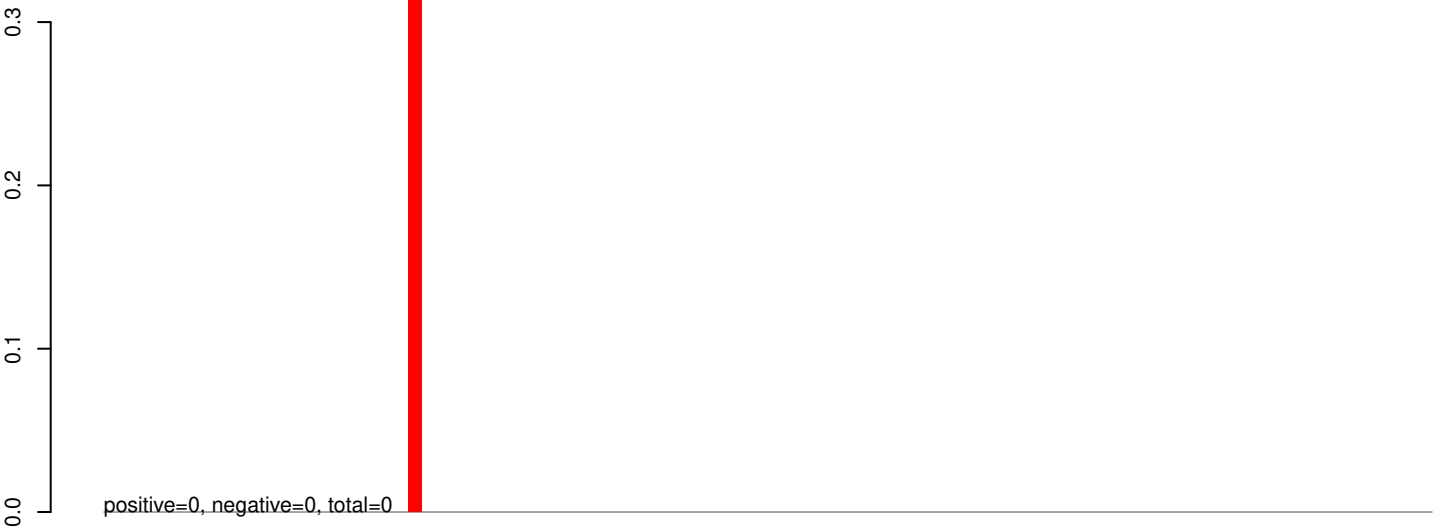


positive=0, negative=0, total=0

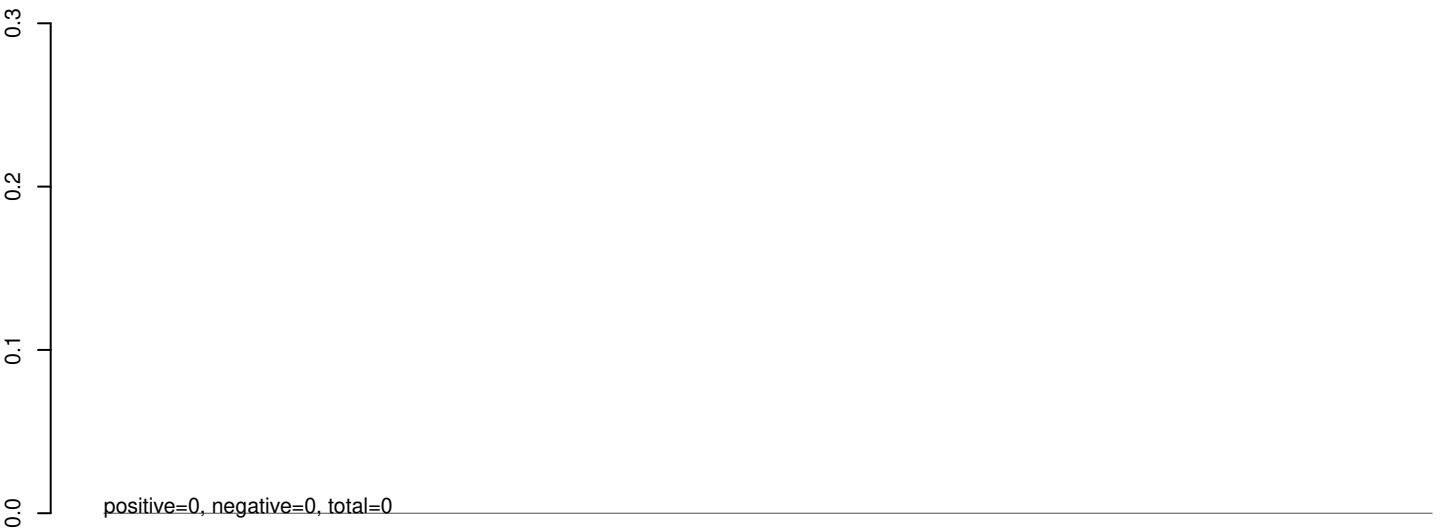
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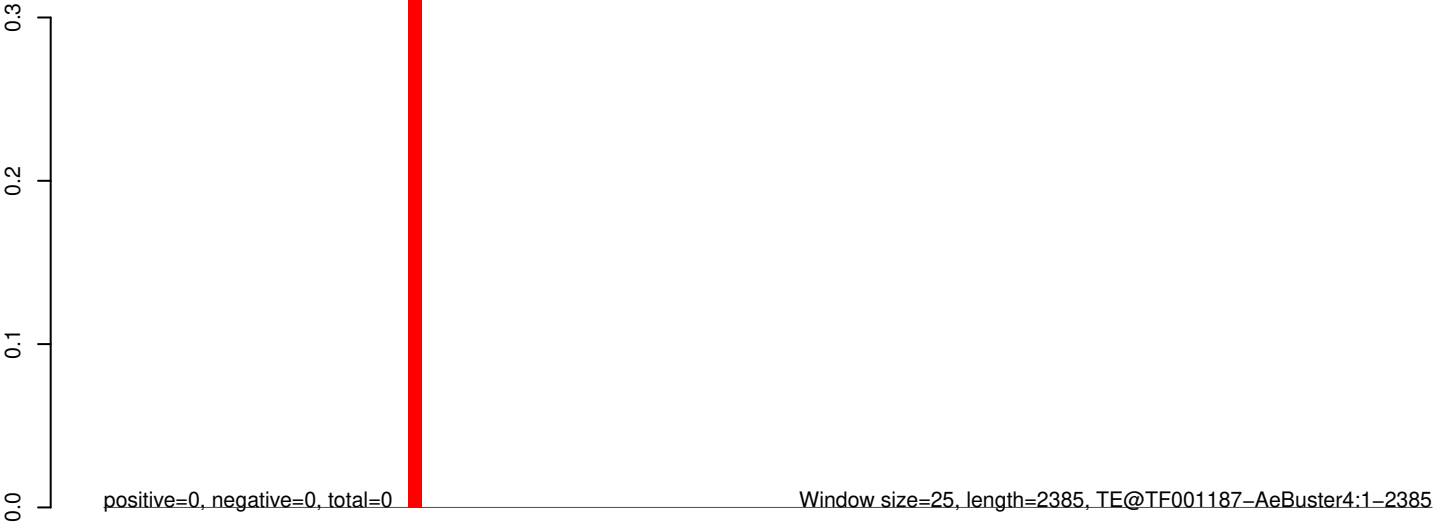
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

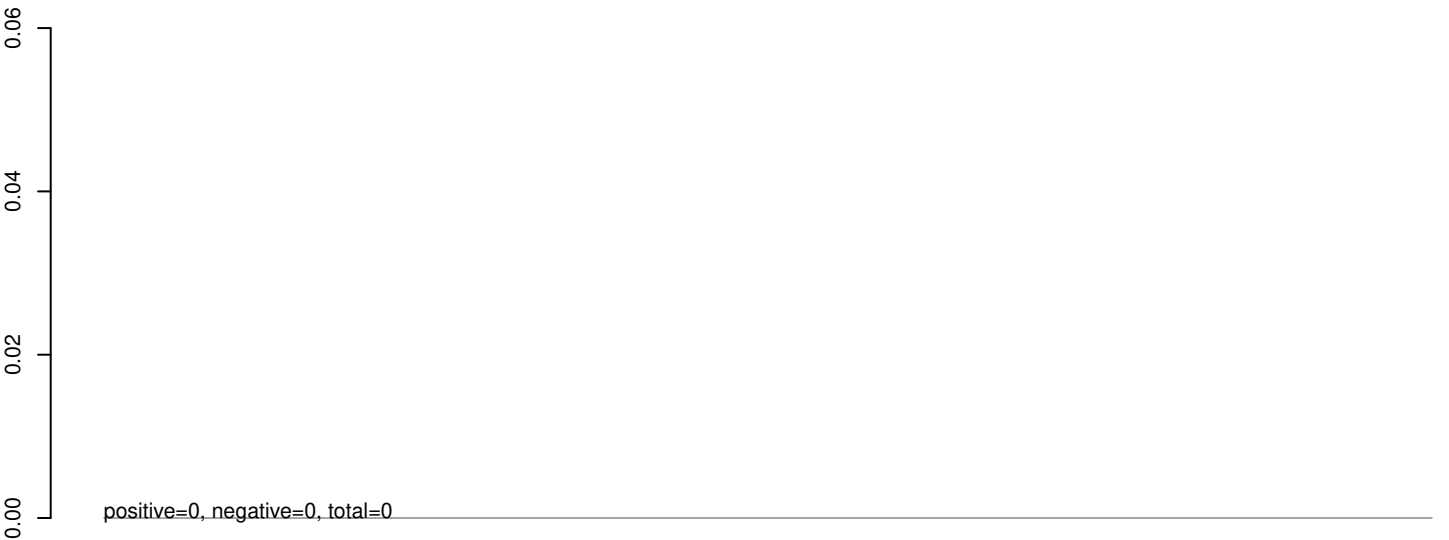


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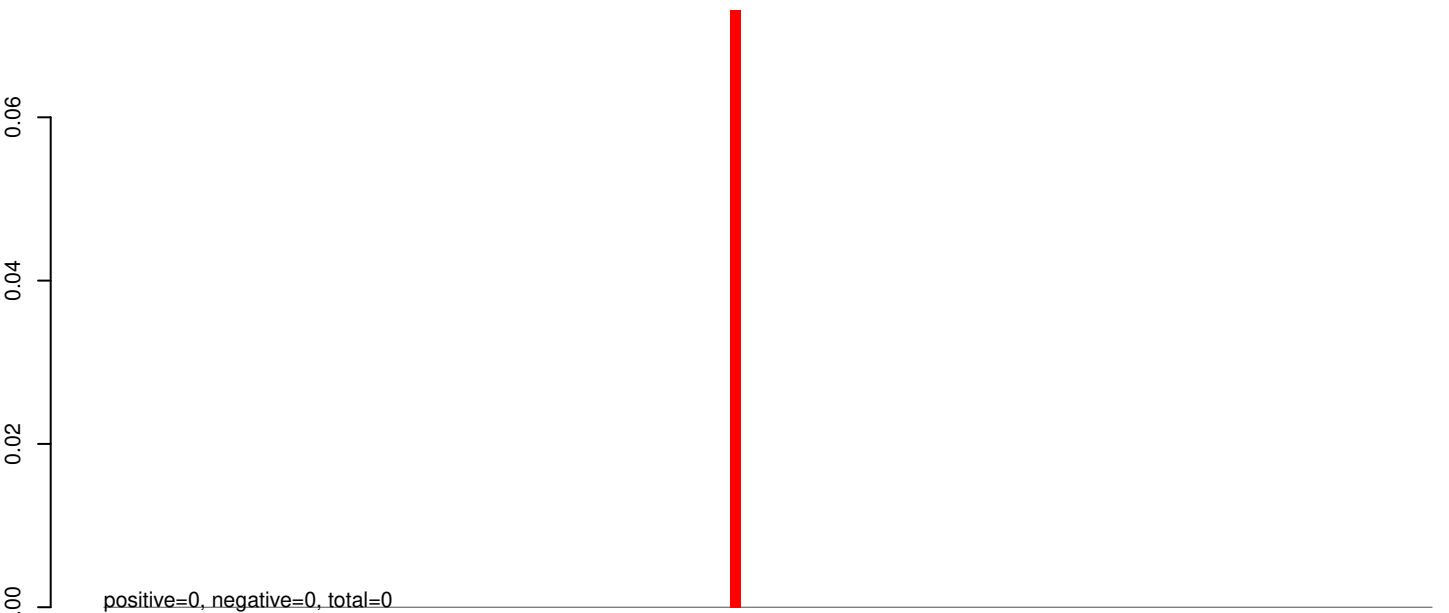


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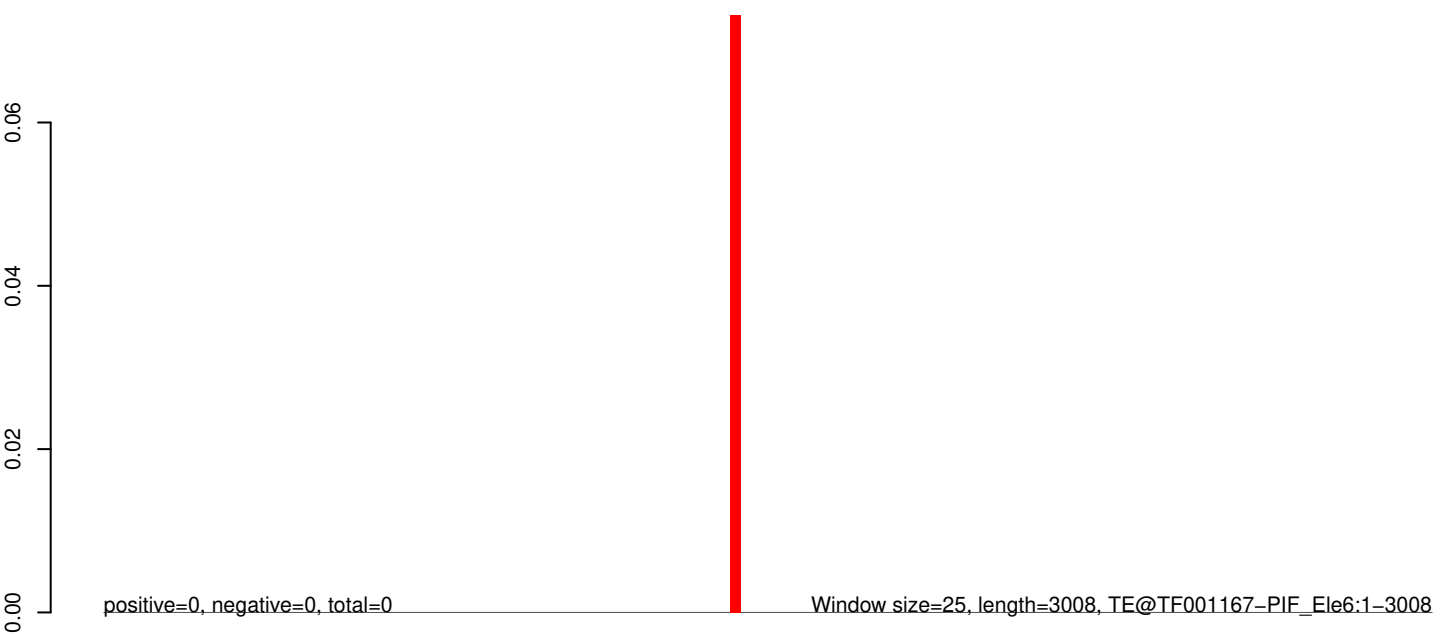
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



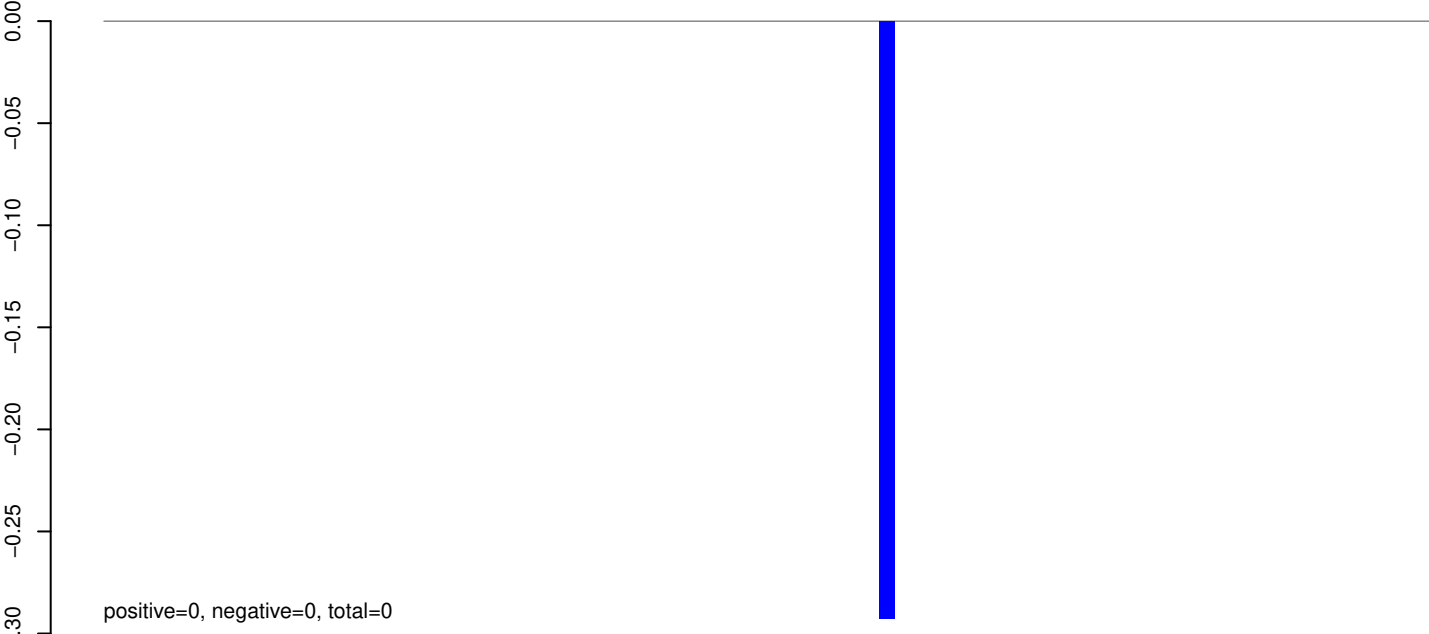
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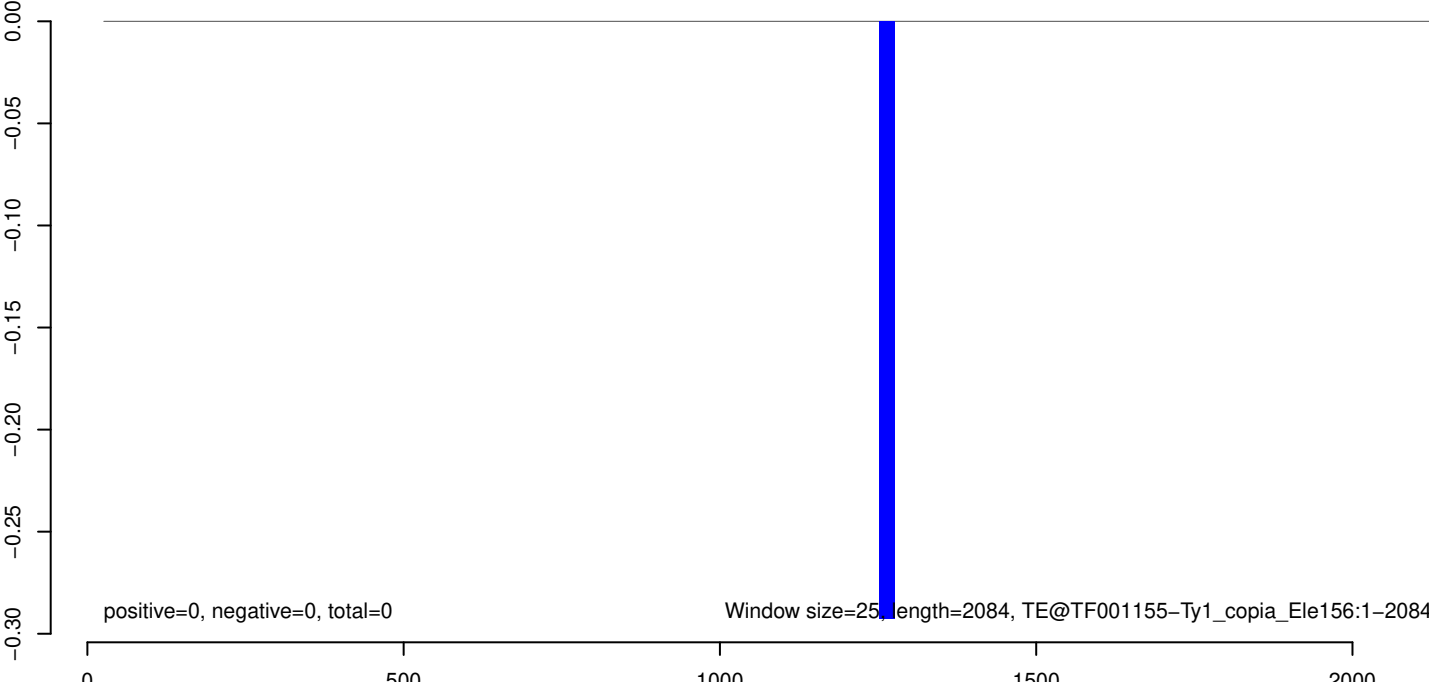
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



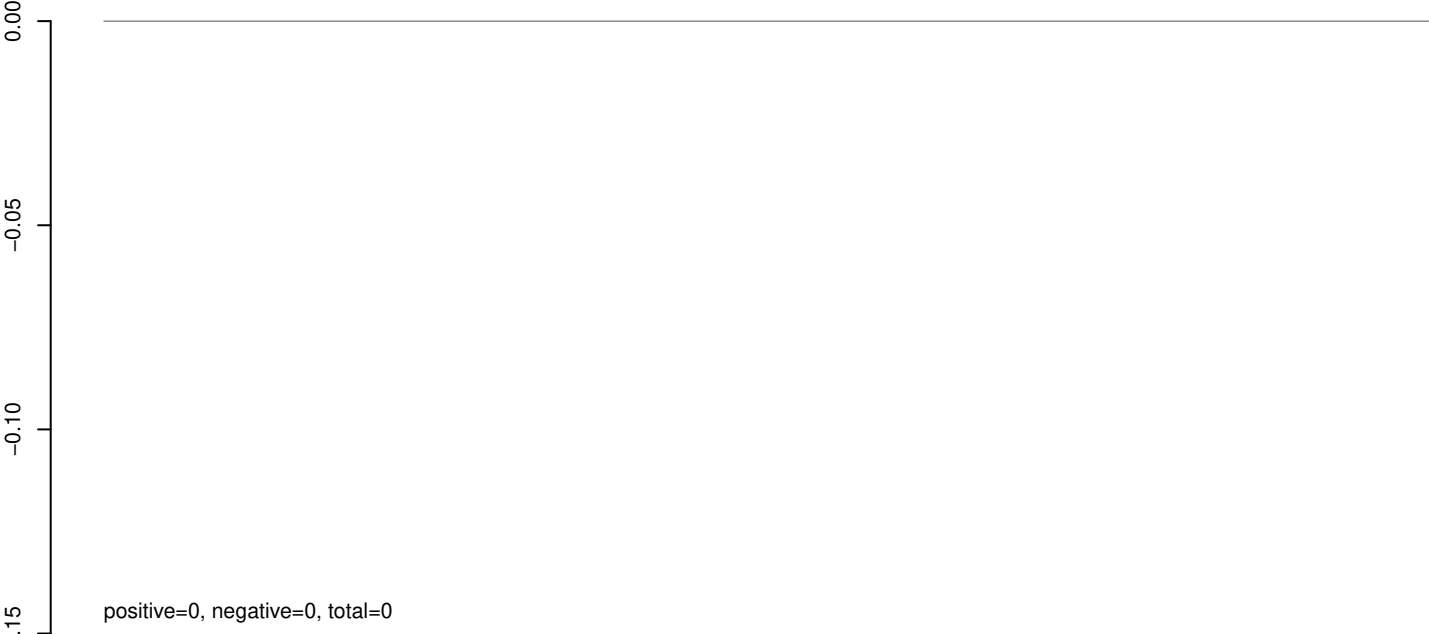
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



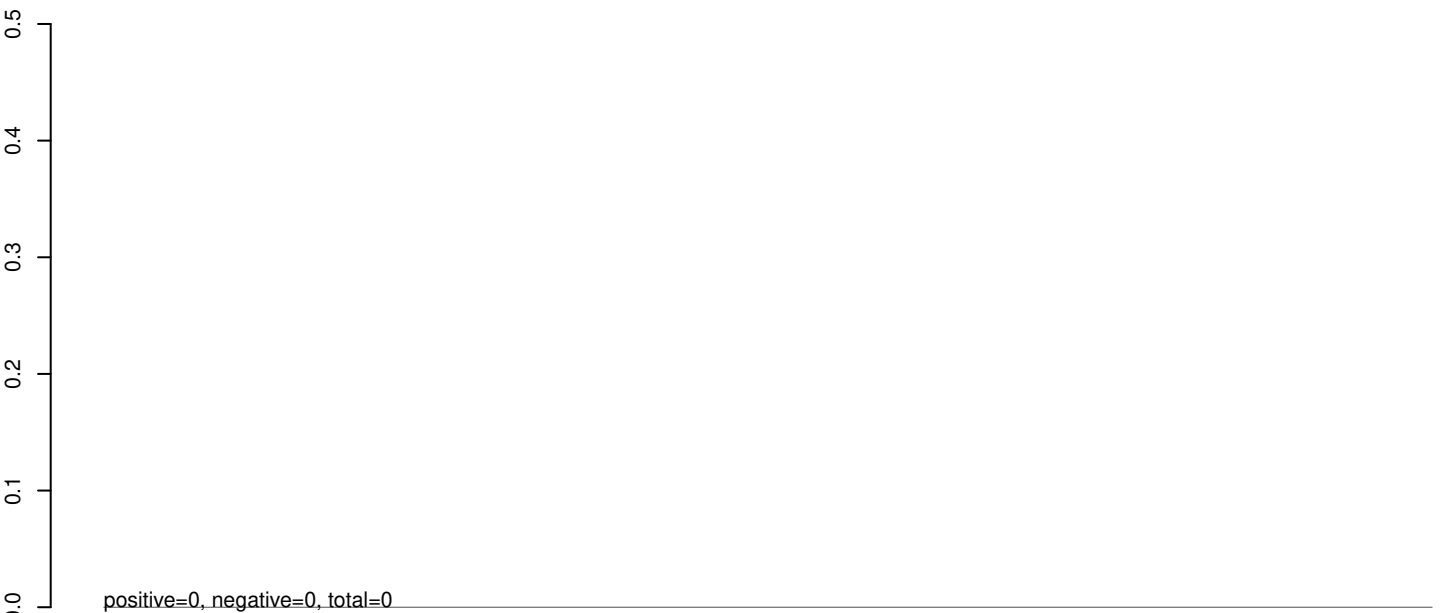
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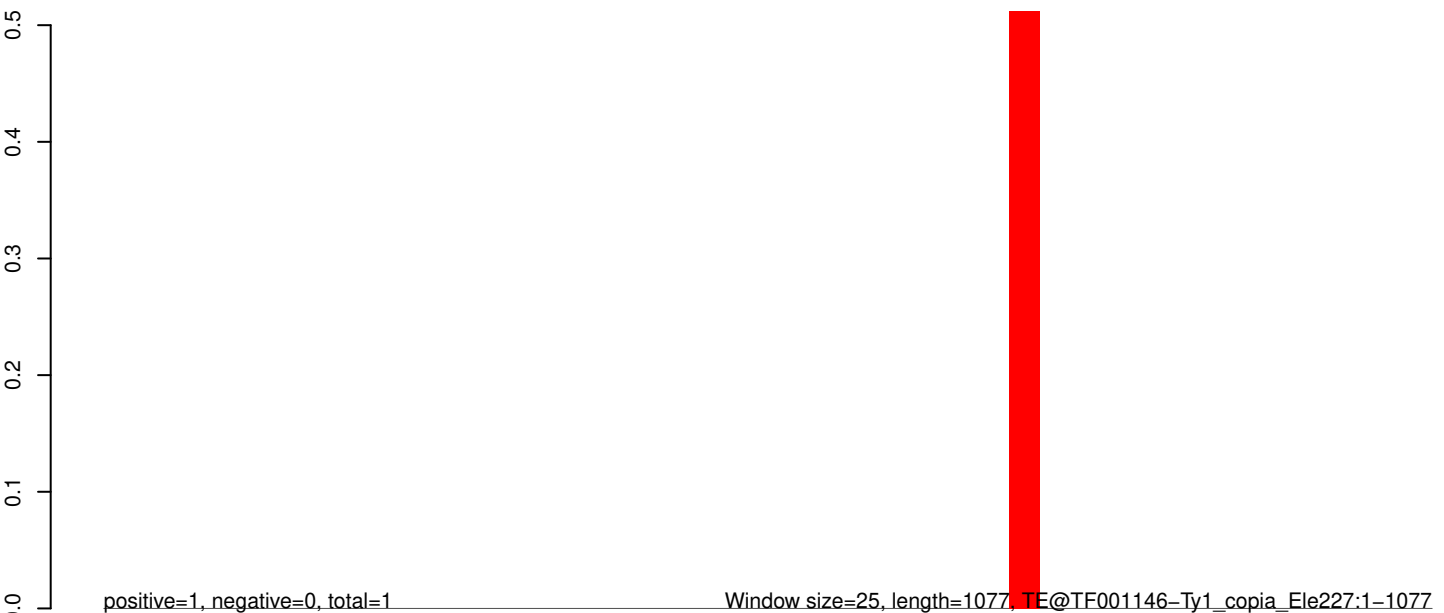
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

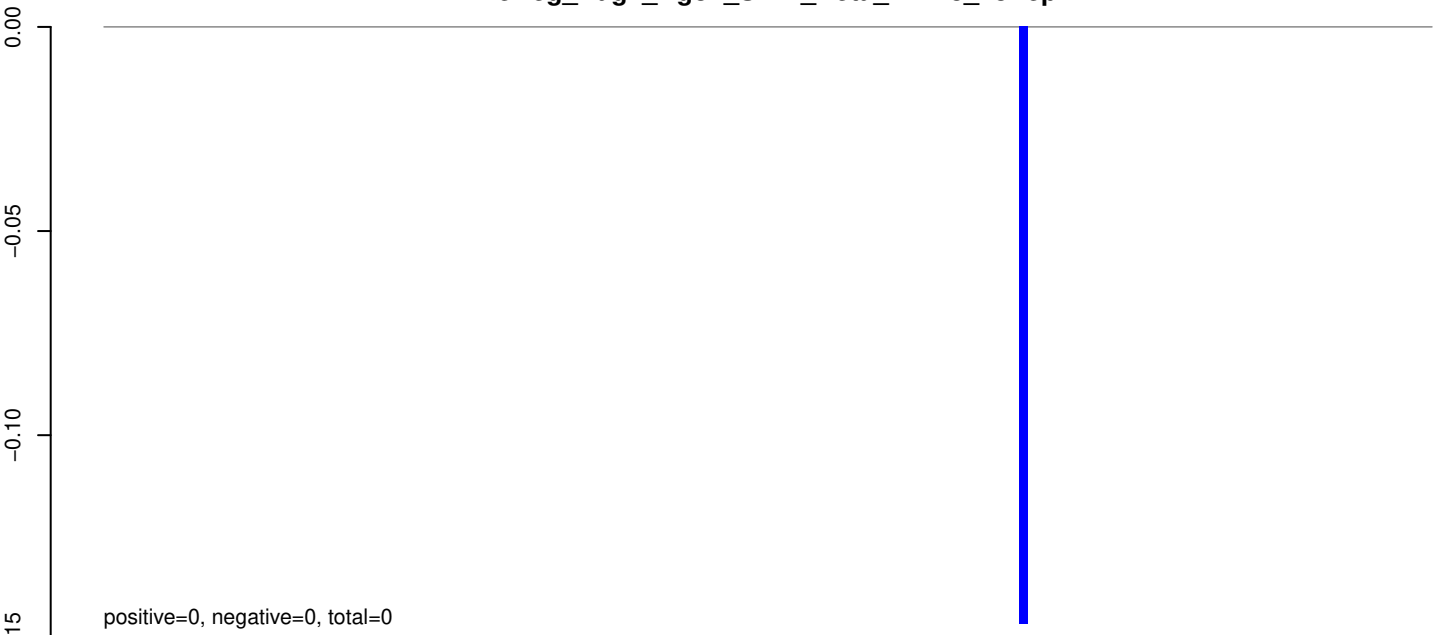


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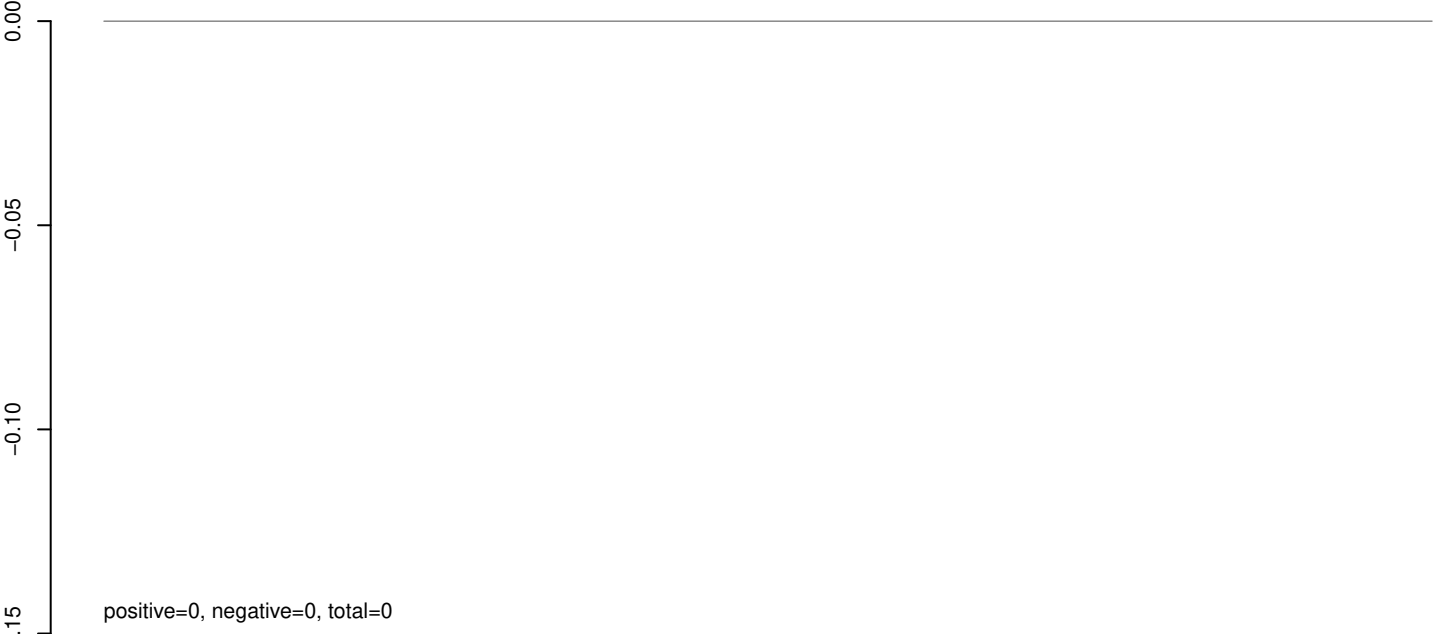




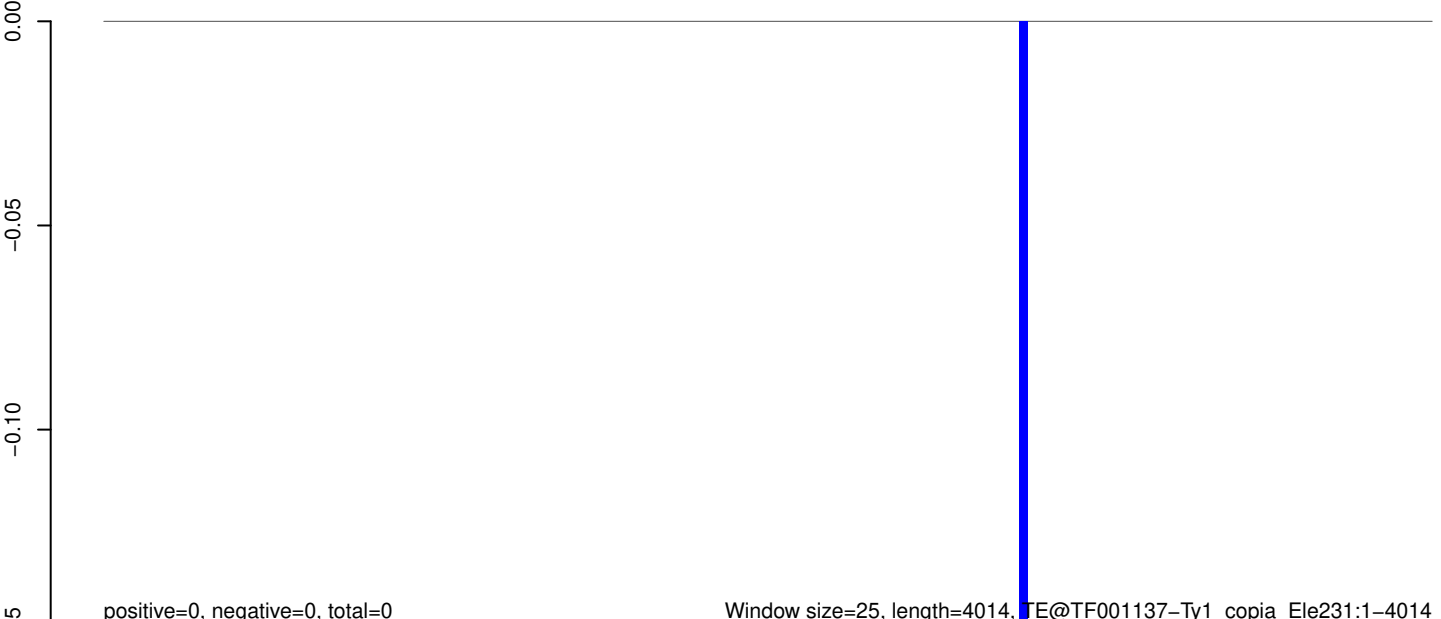
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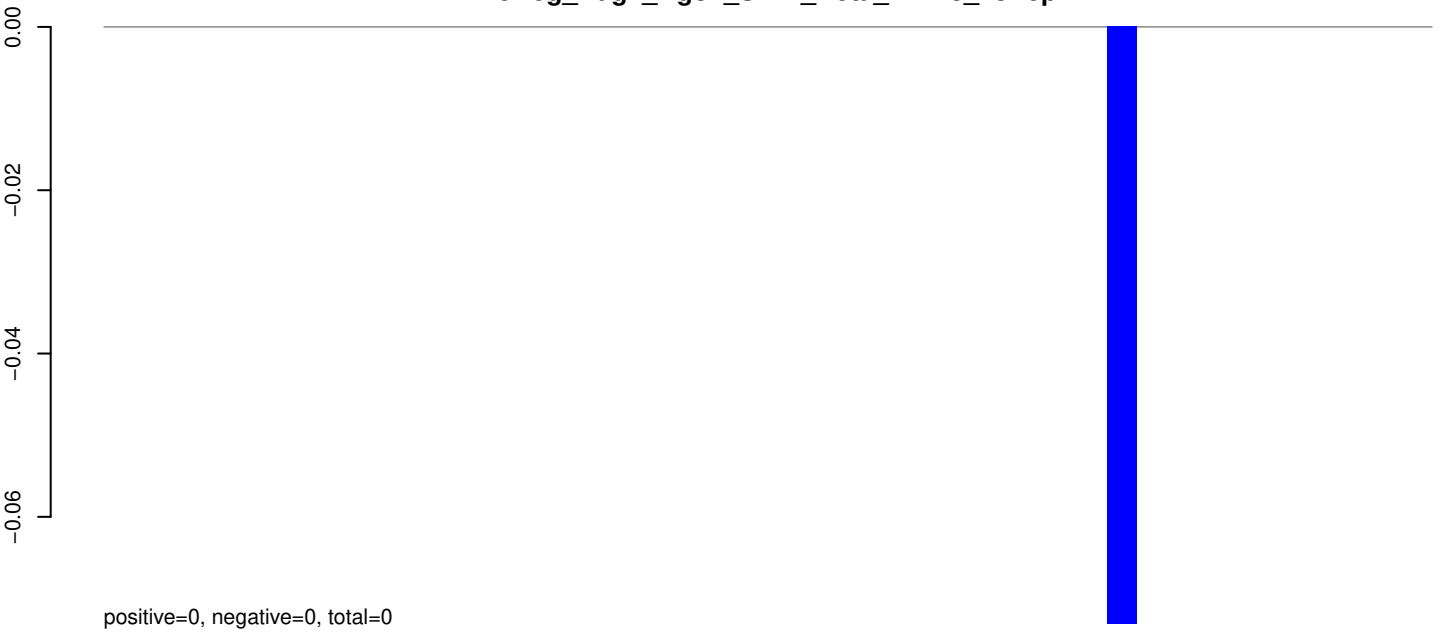
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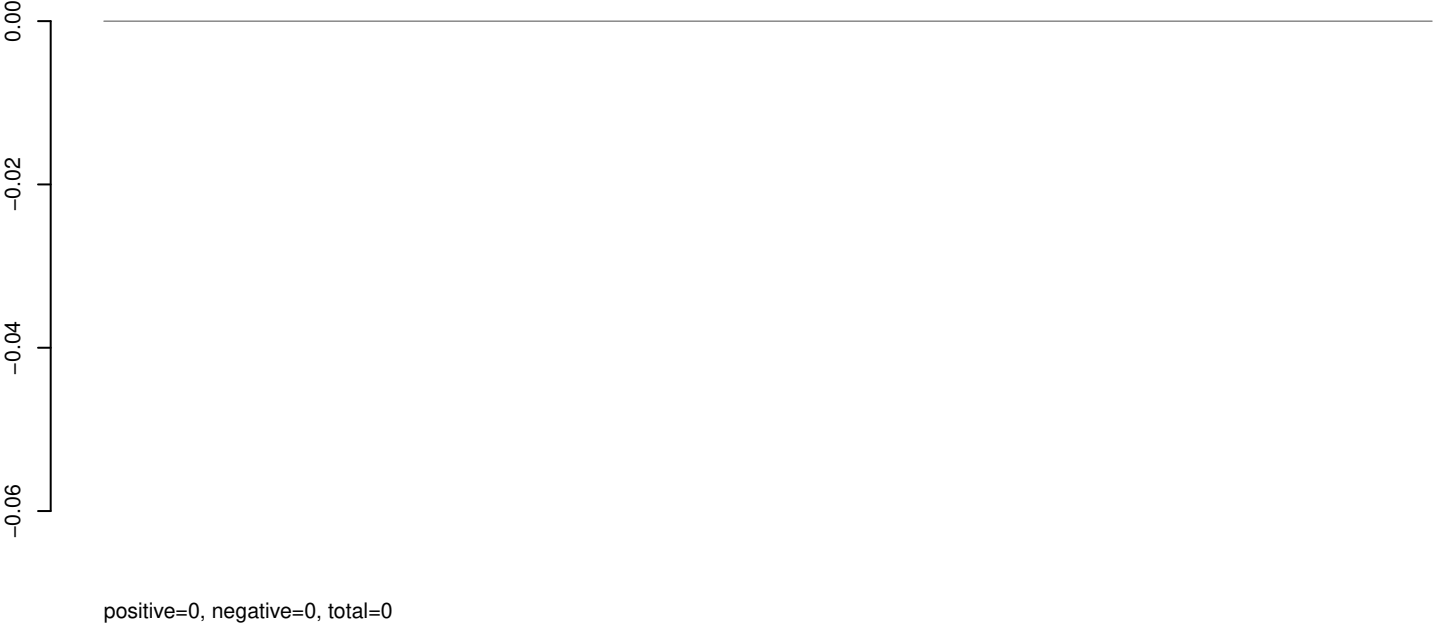
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



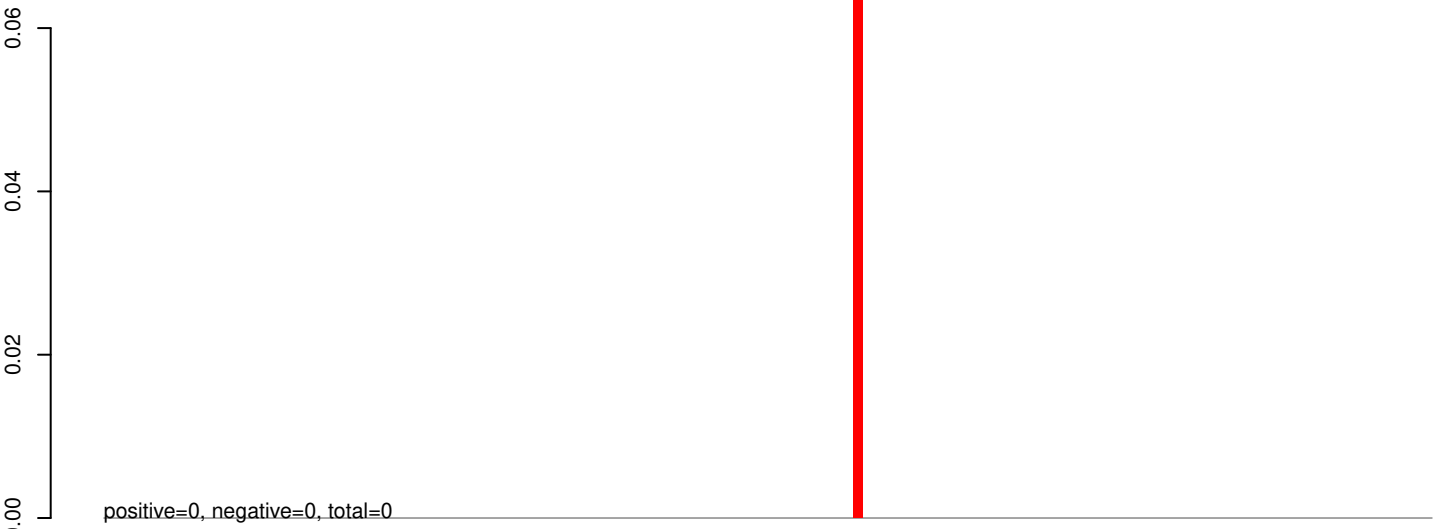
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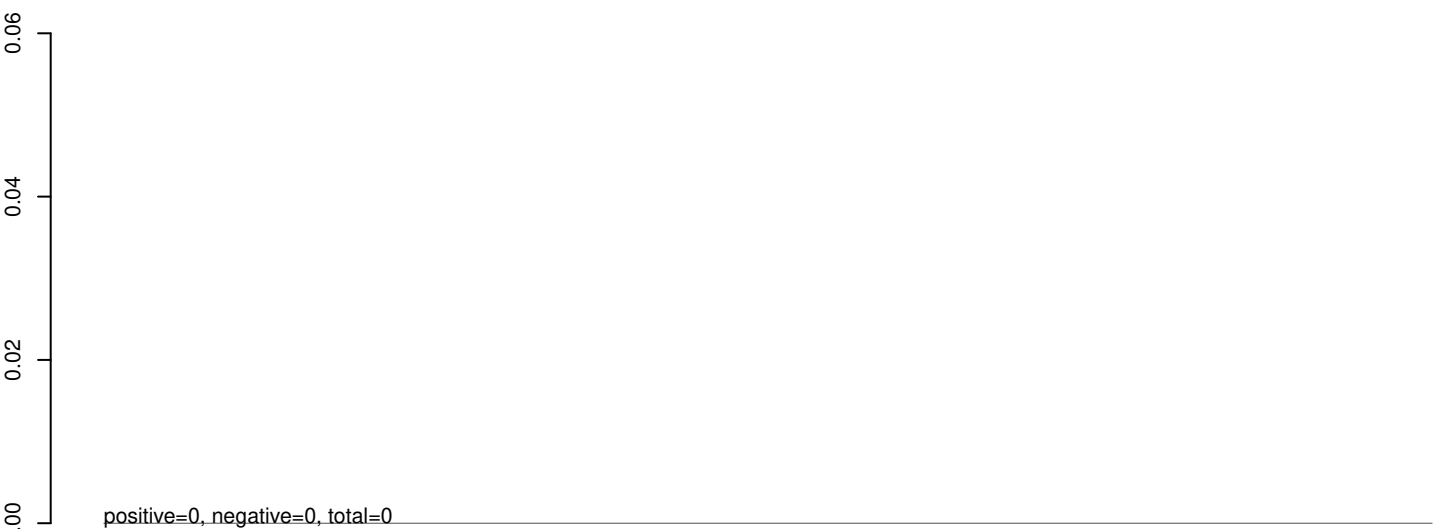
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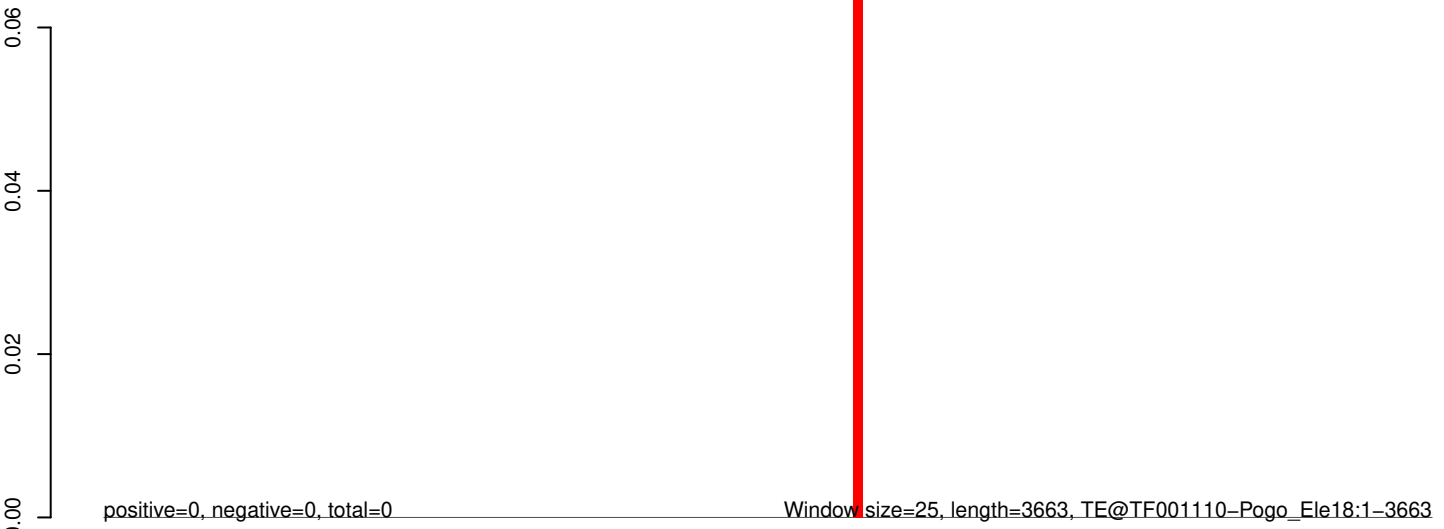
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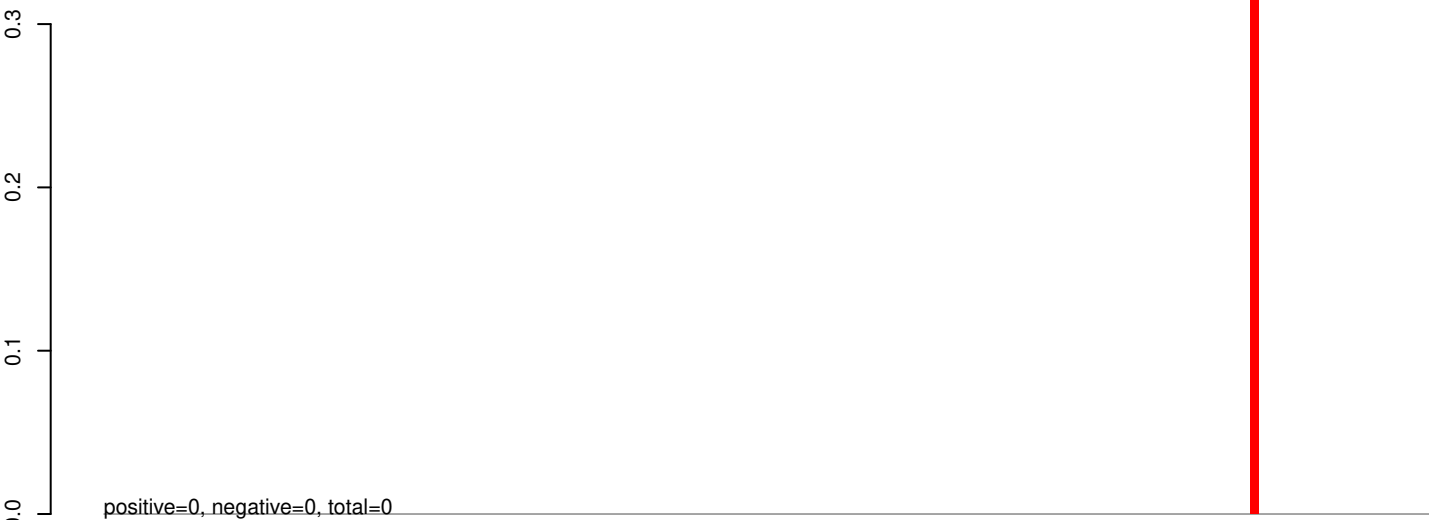
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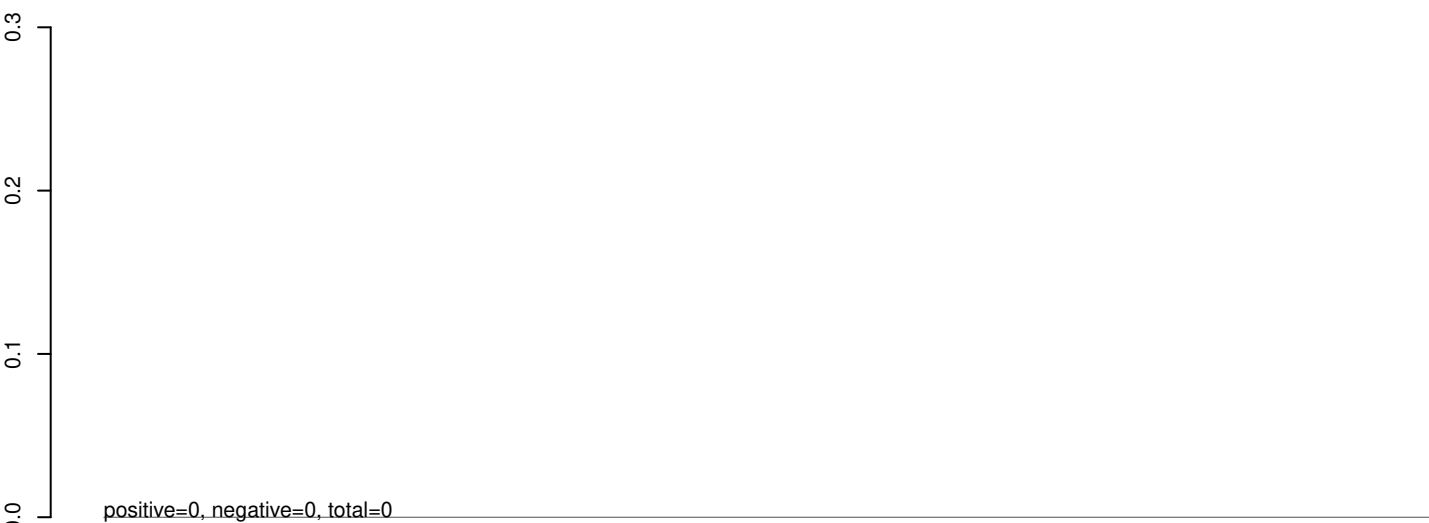
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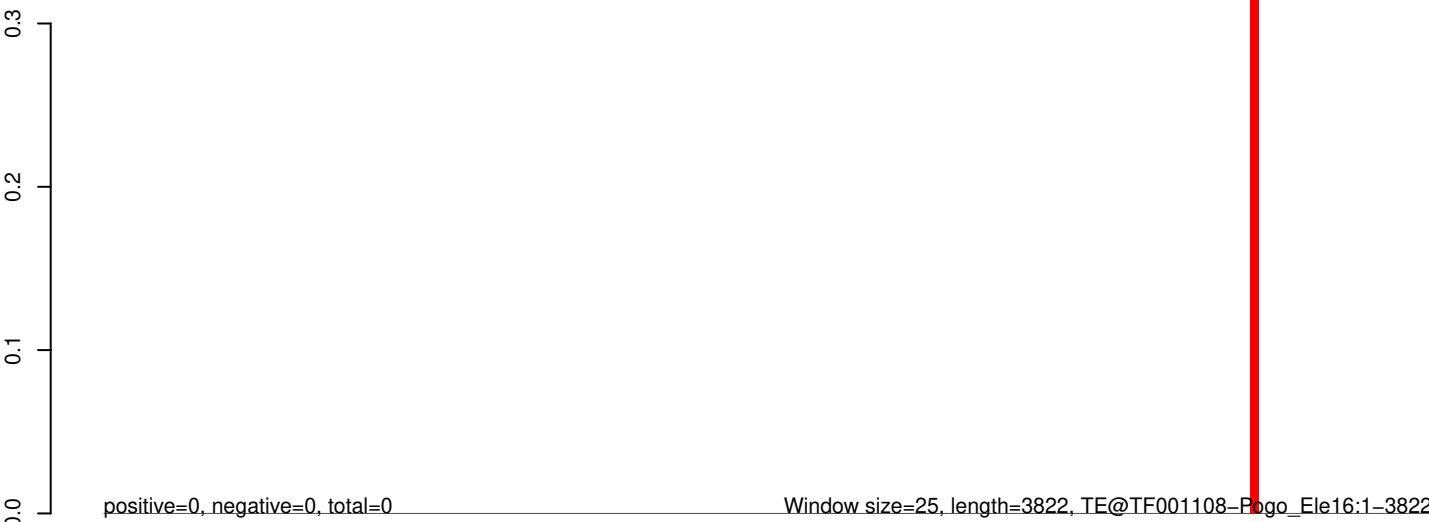
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

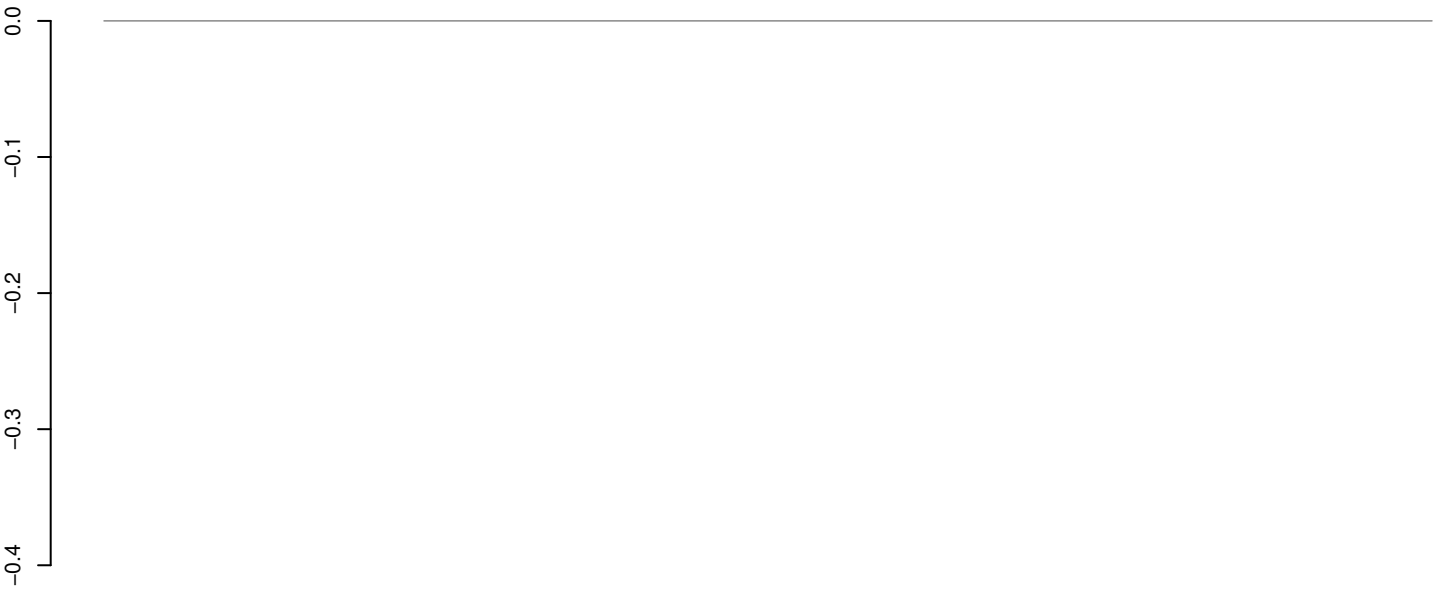


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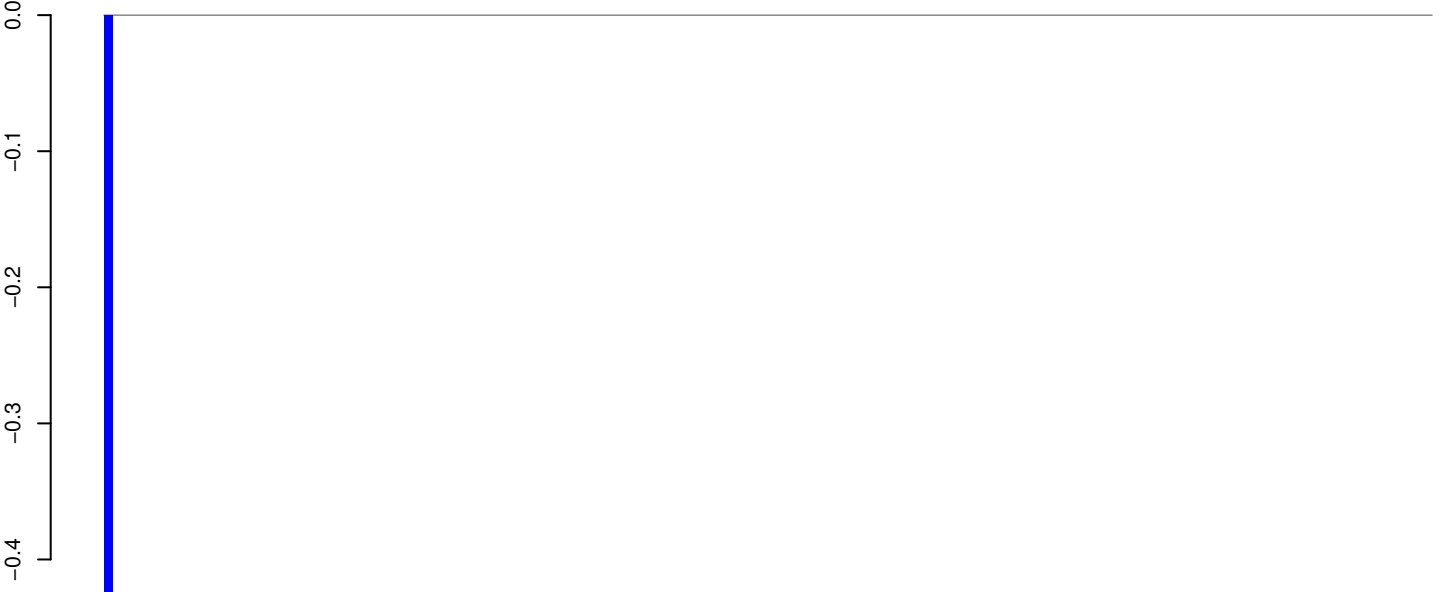
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



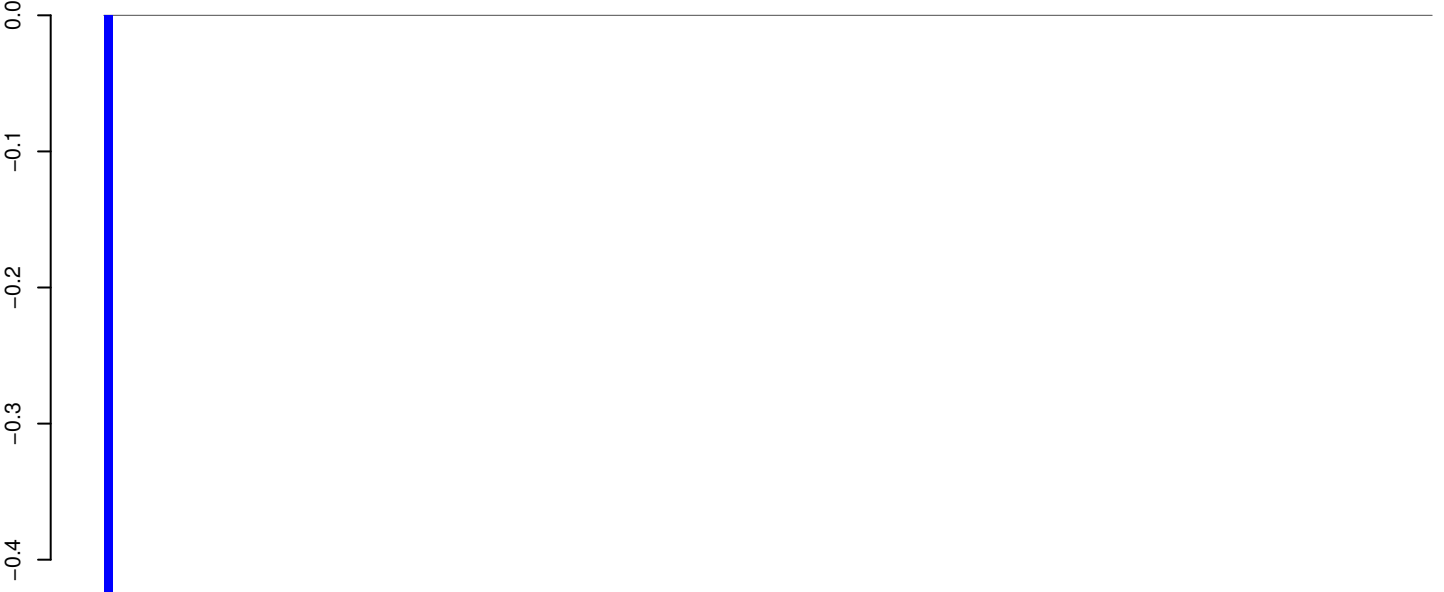
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

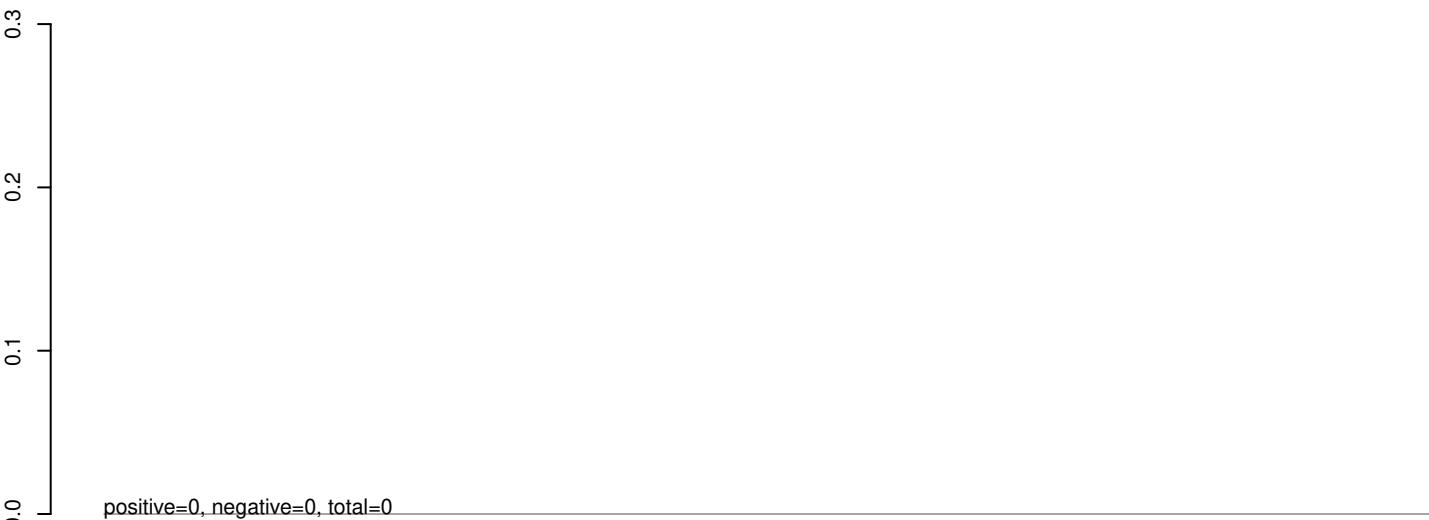


positive=0, negative=0, total=0

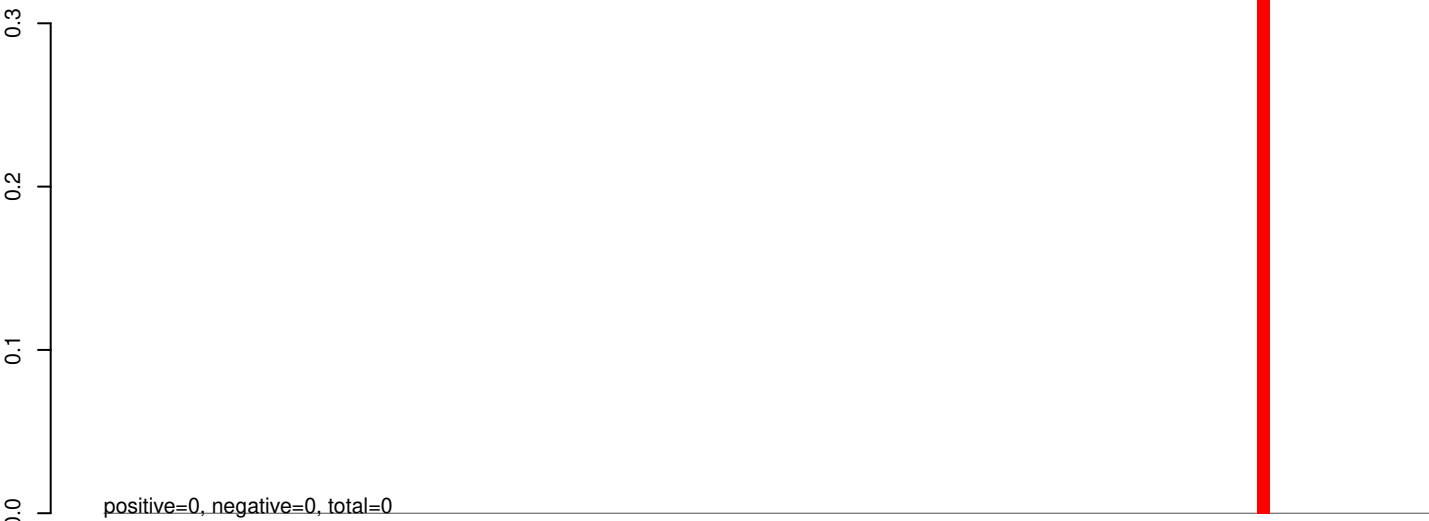
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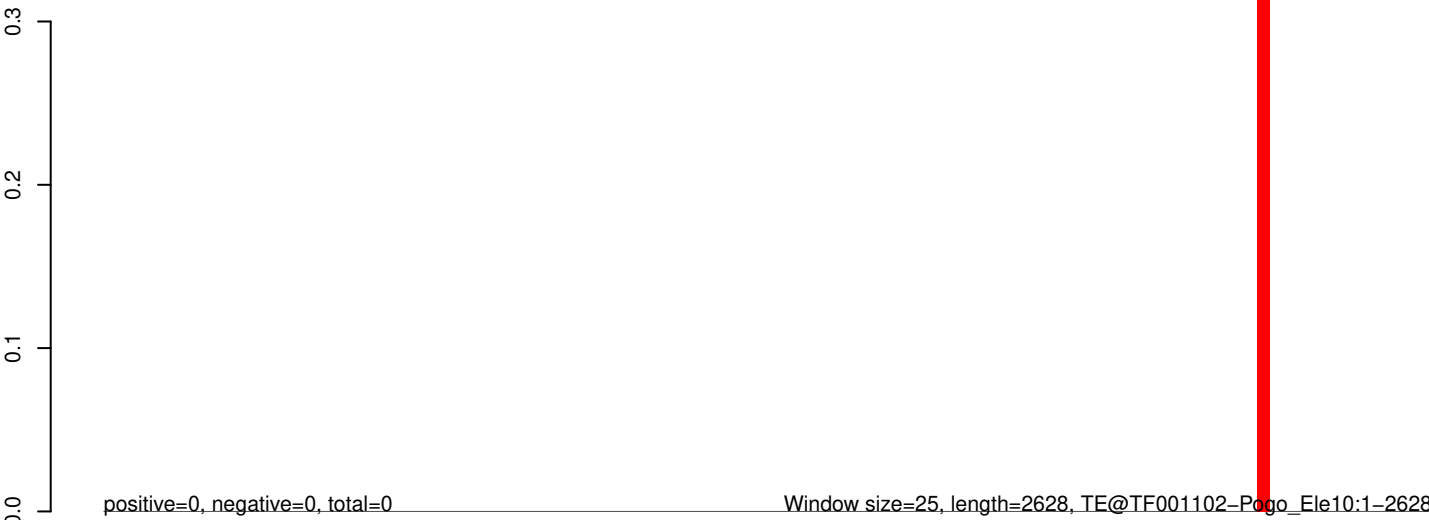
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



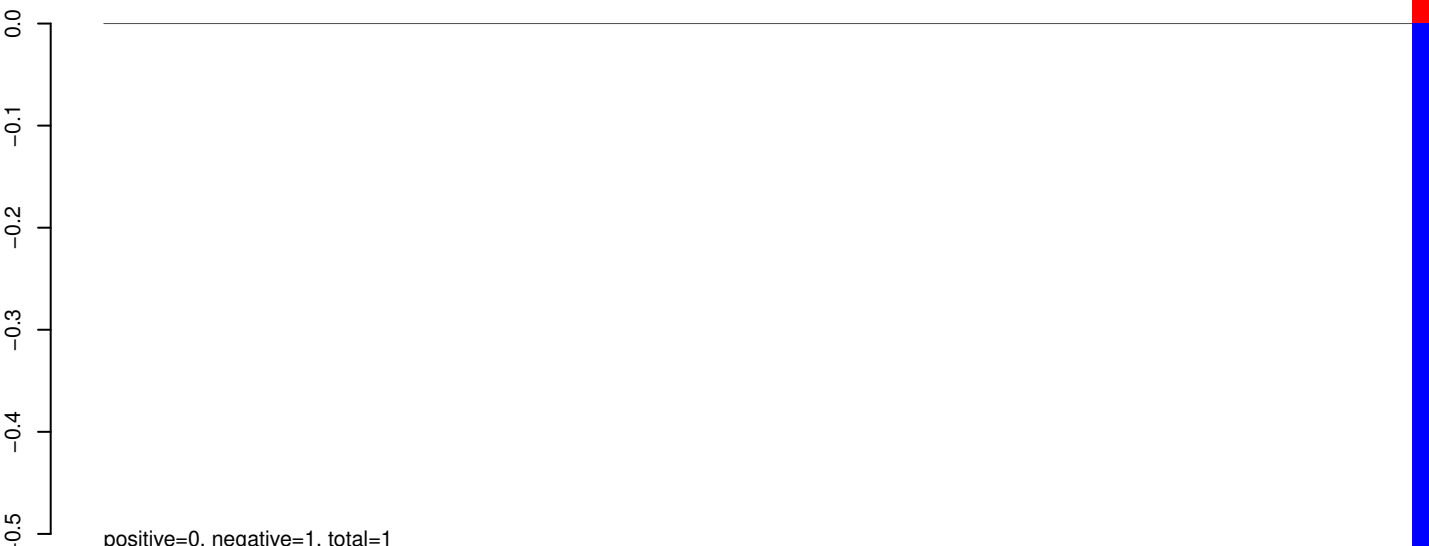
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



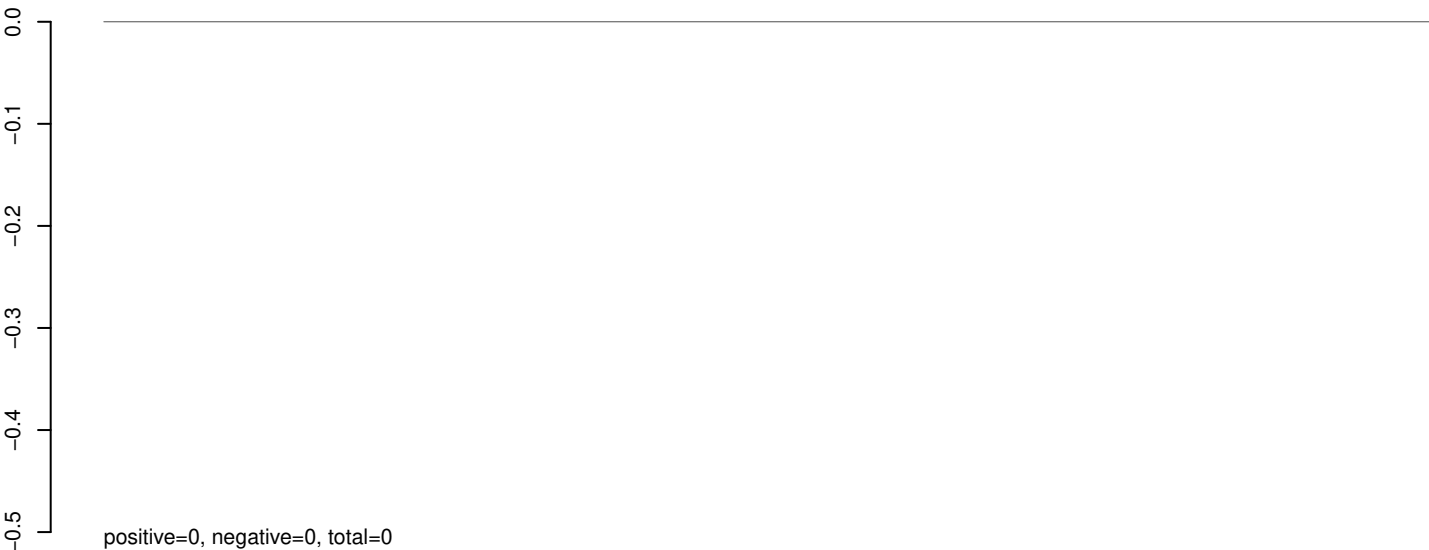
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



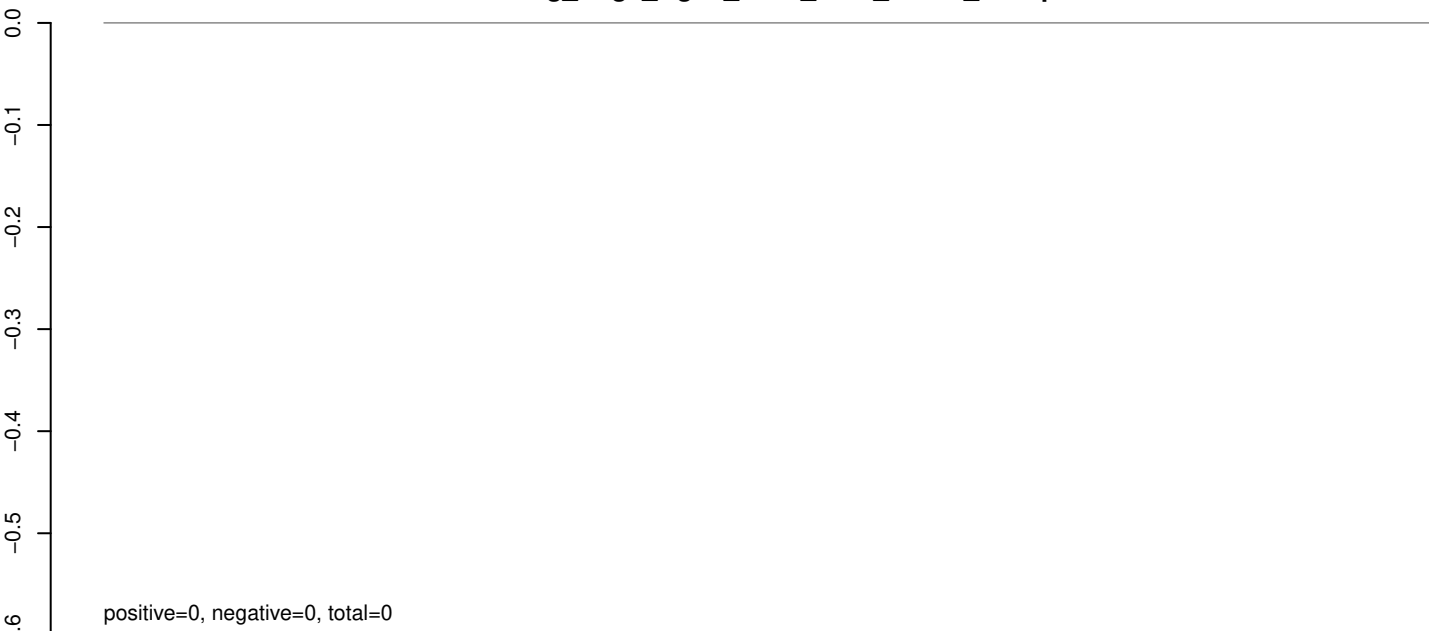
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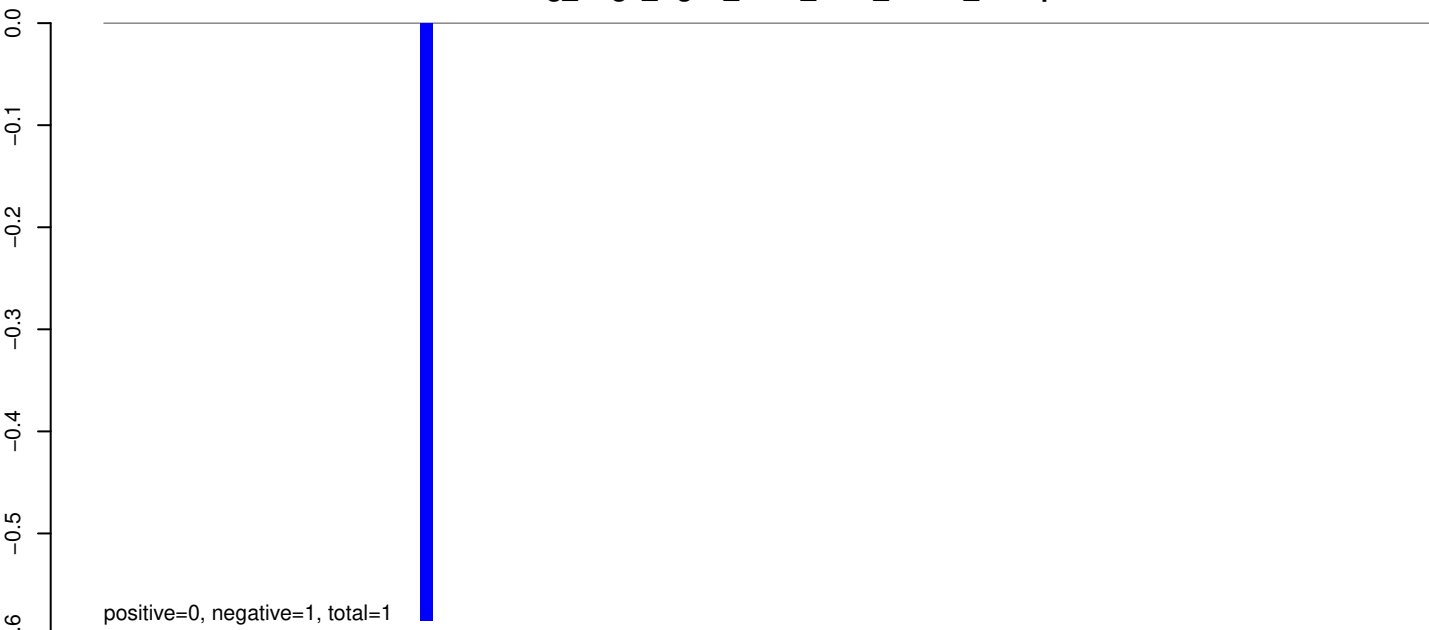
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



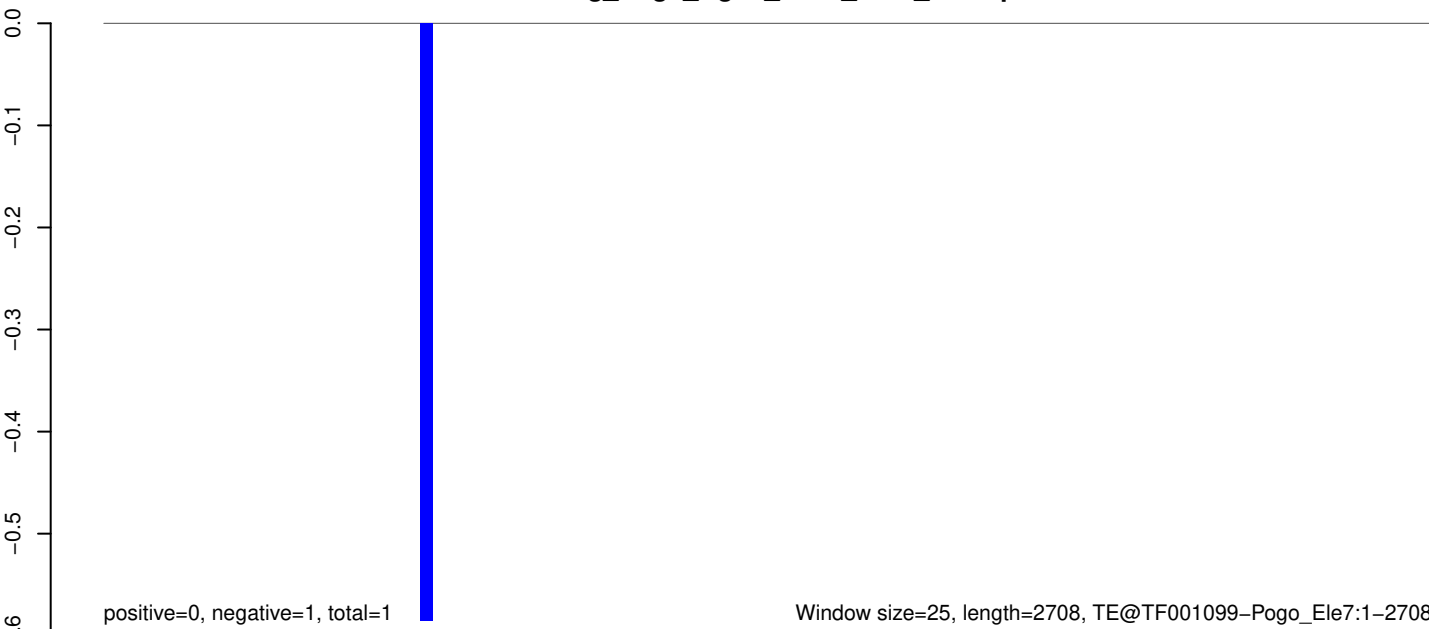
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**





**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.15  
0.10  
0.05  
0.00  
0.00  
0.00  
0.00

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.15  
0.10  
0.05  
0.00  
0.00  
0.00  
0.00

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

0.15  
0.10  
0.05  
0.00  
0.00  
0.00  
0.00

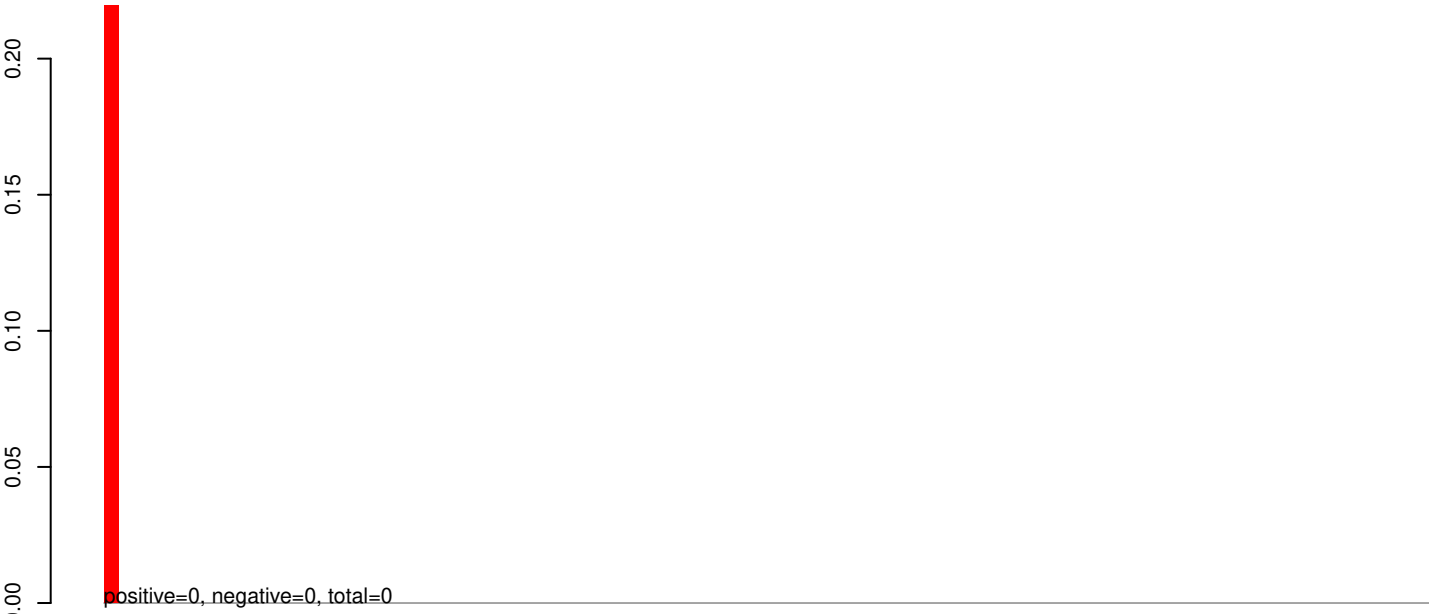
positive=0, negative=0, total=0

Window size=25, length=2973, TE@TF001095-Pogo\_Ele3:1-2973

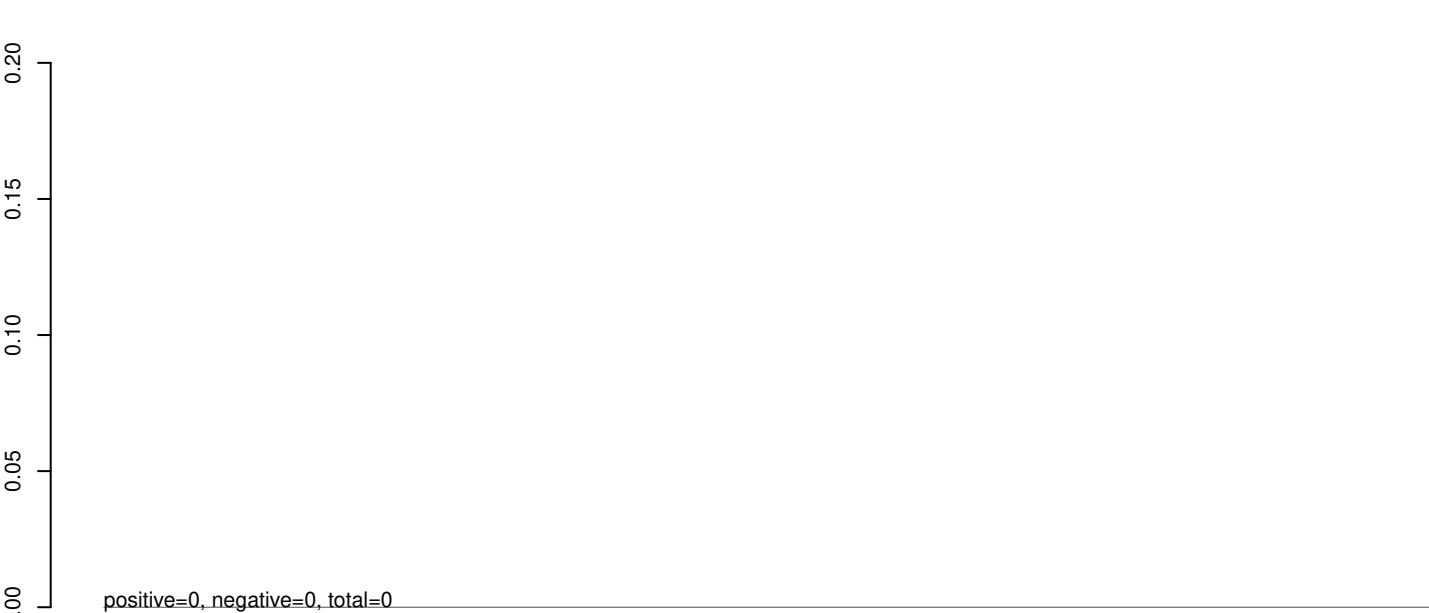
0 500 1000 1500 2000 2500 3000



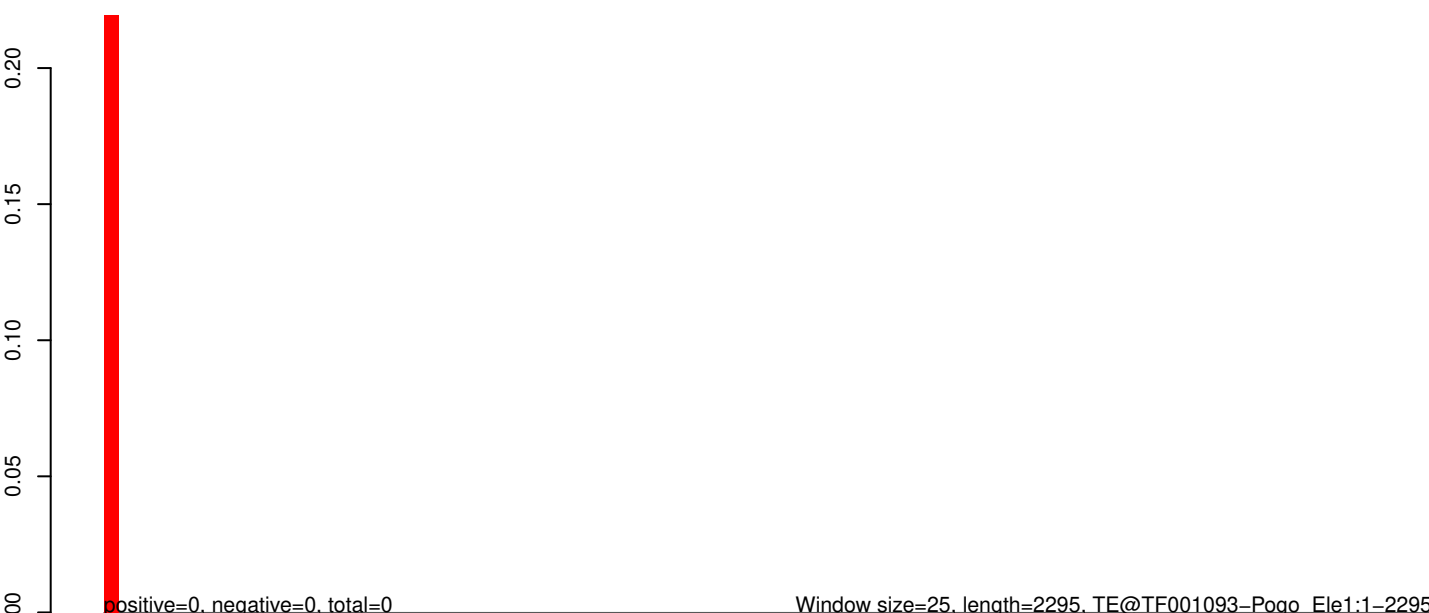
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



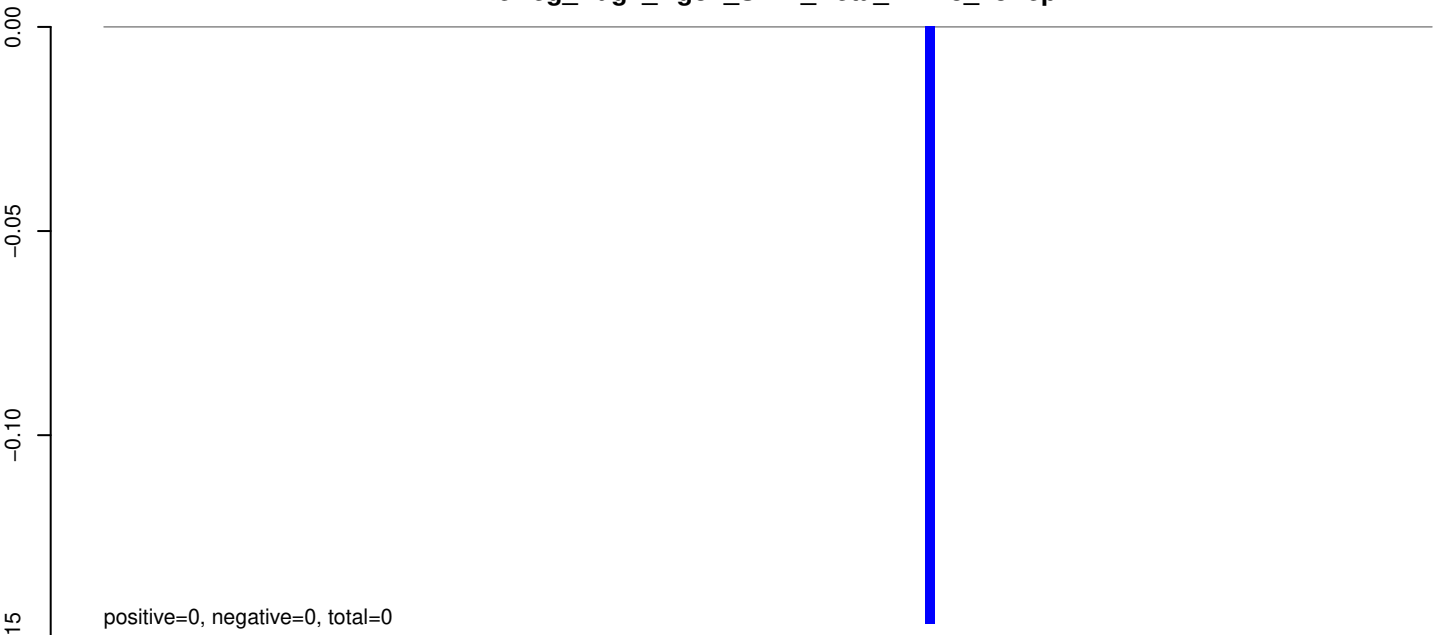
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



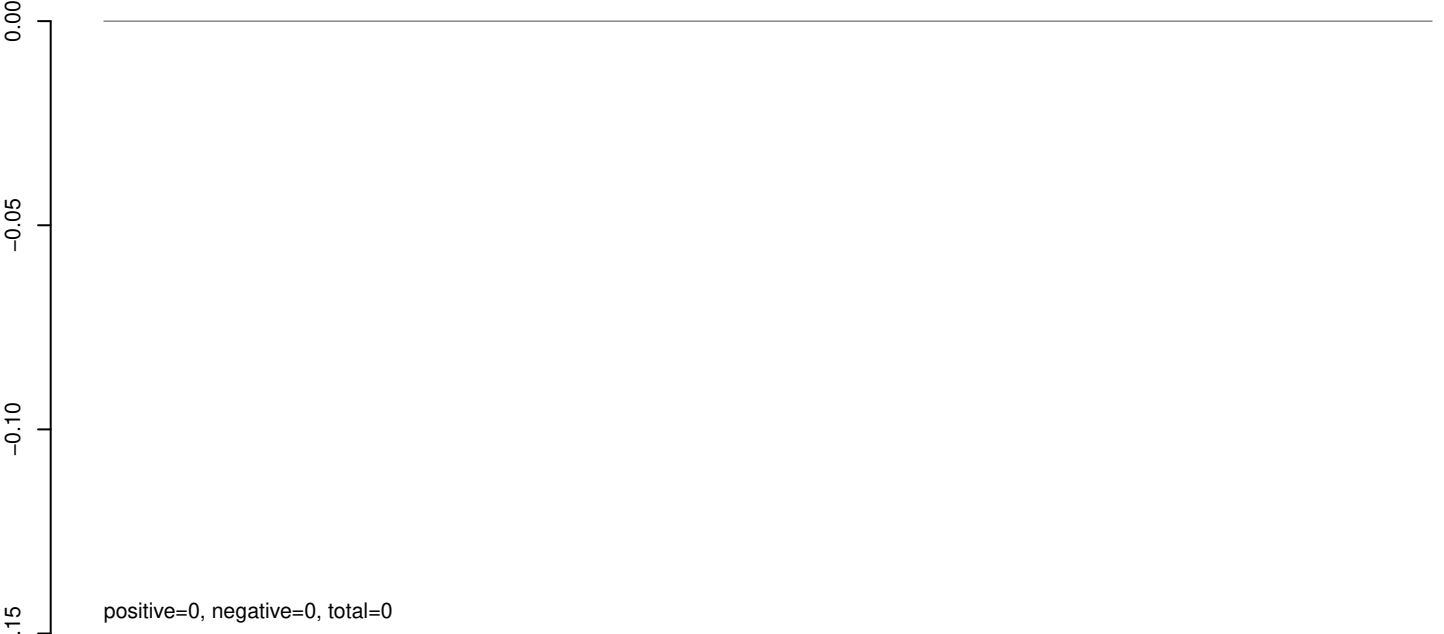
Window size=25, length=2295, TE@TF001093-Pogo\_Ele1:1-2295

0 500 1000 1500 2000

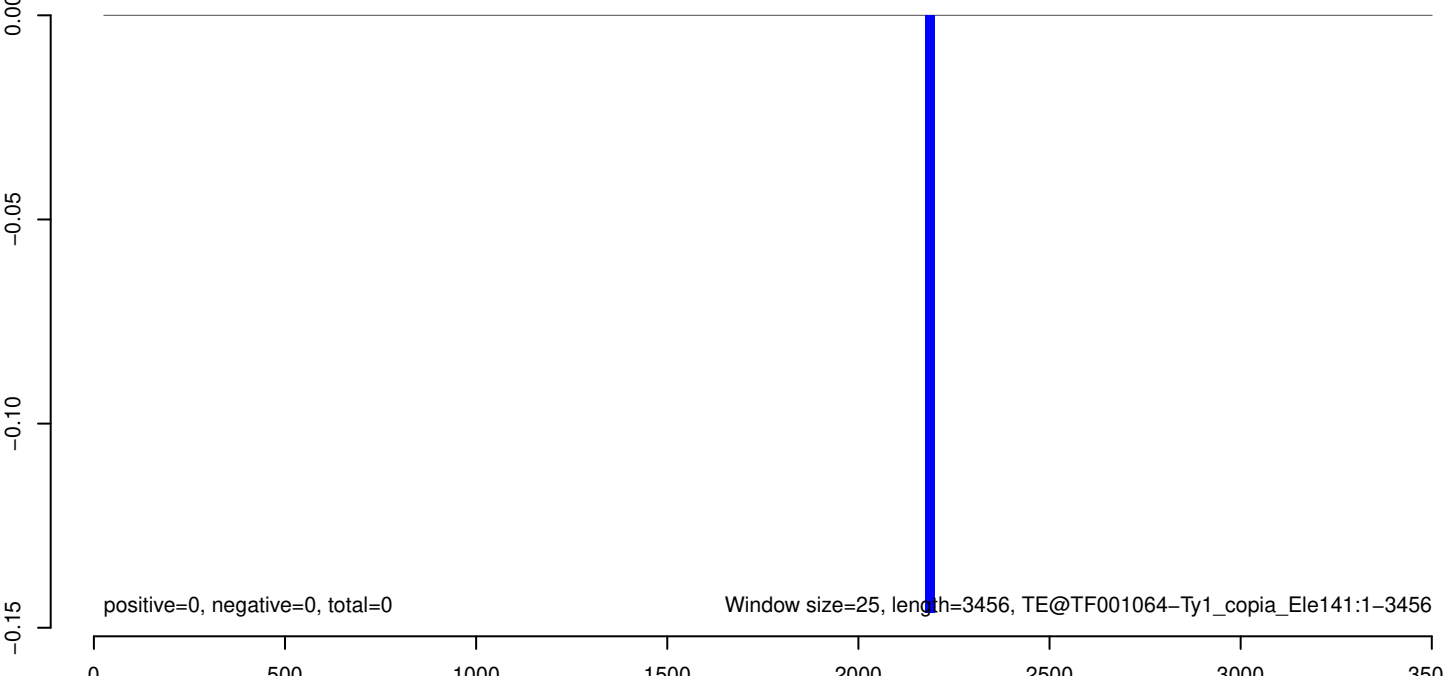
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



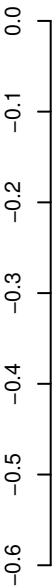
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

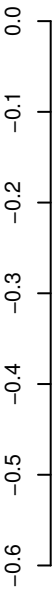


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



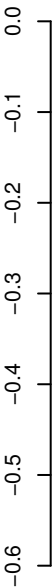
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



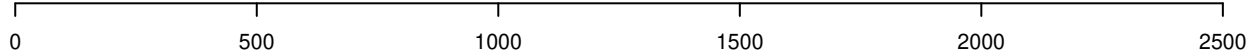
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

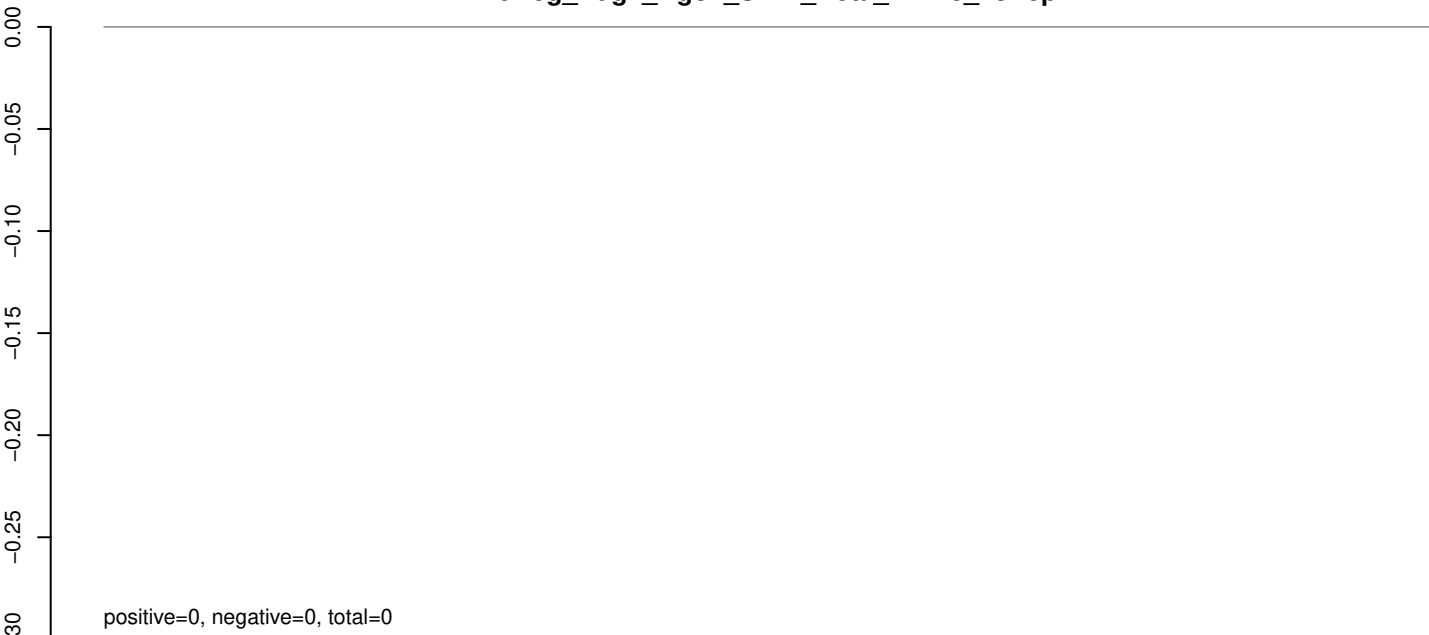


positive=0, negative=1, total=1

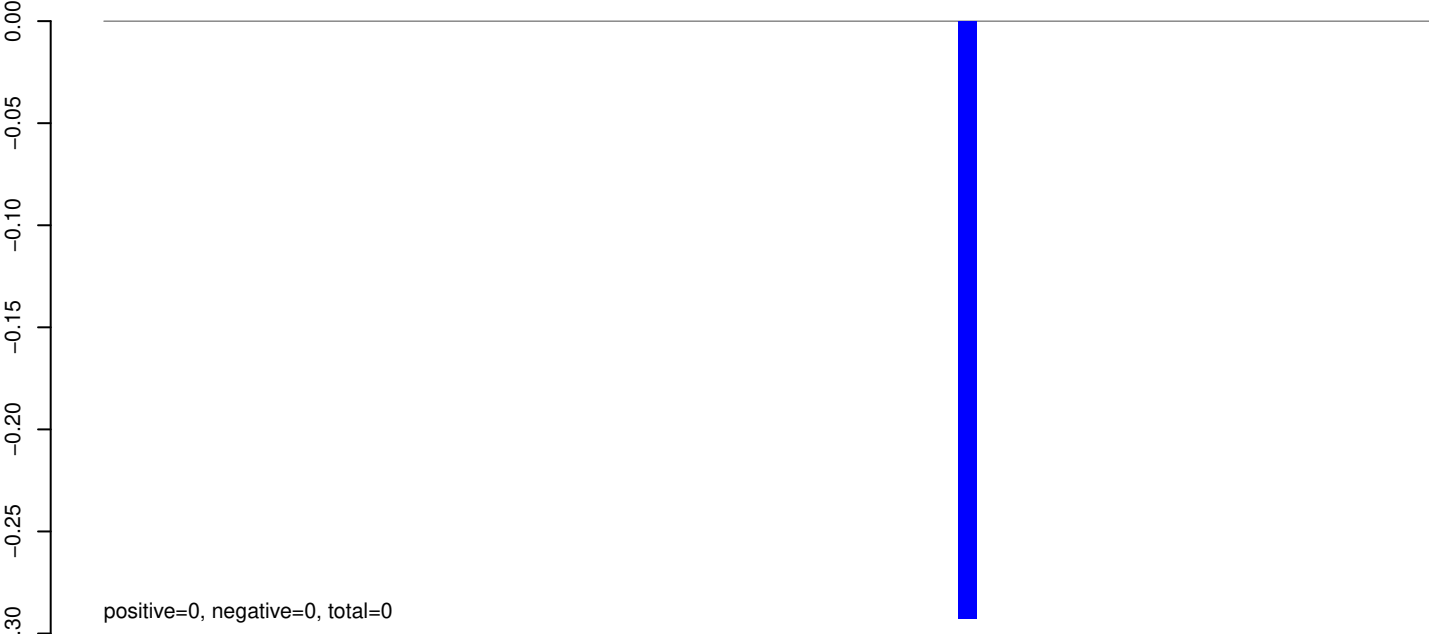
Window size=25, length=2750, TE@TF001030-Ty1\_copia\_Ele170:1-2750



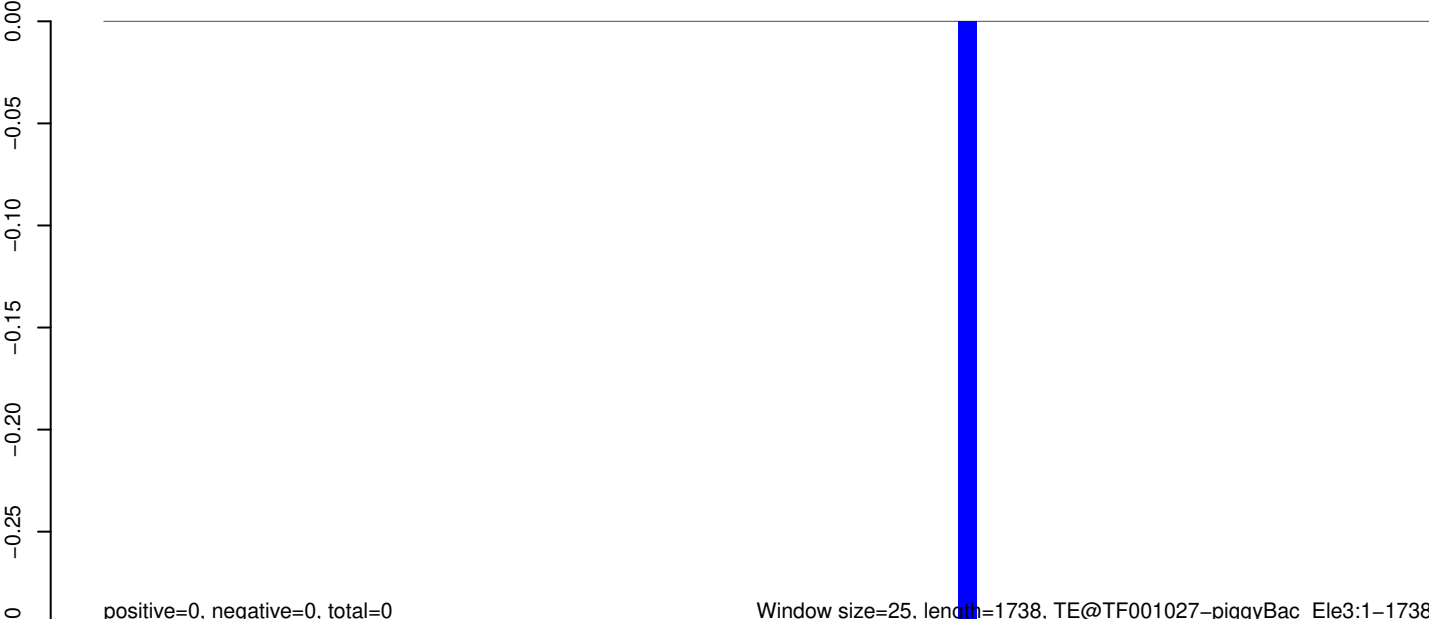
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

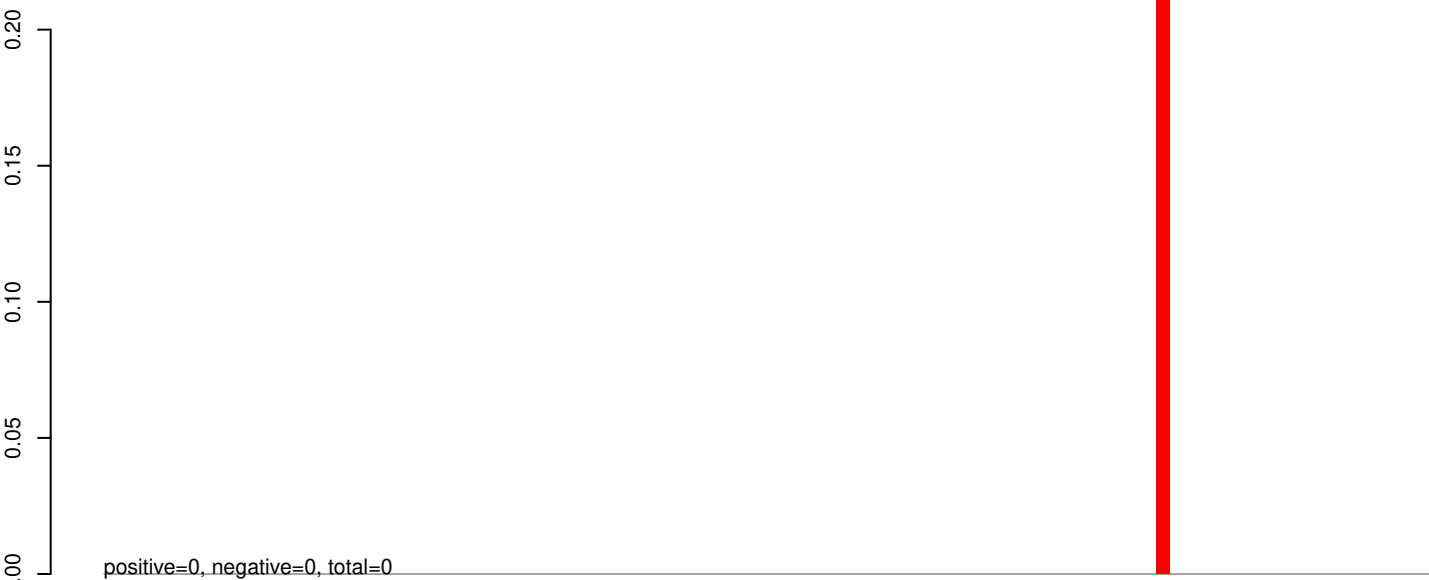


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

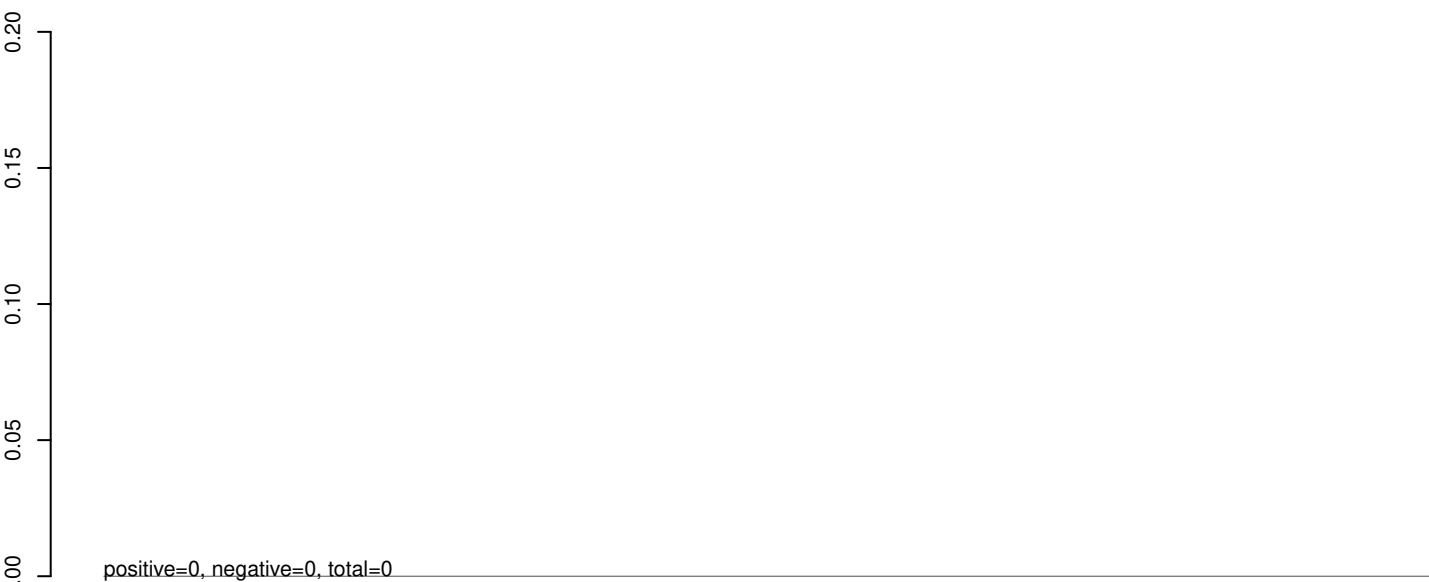


Window size=25, length=1738, TE@TF001027-piggyBac\_Ele3:1-1738

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

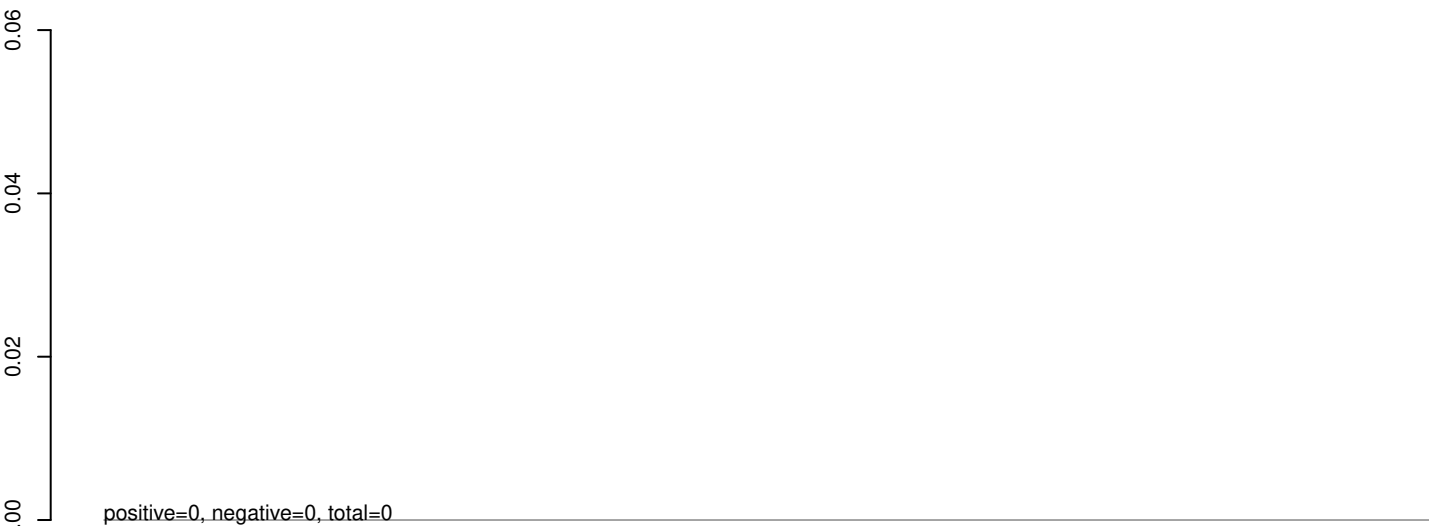


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

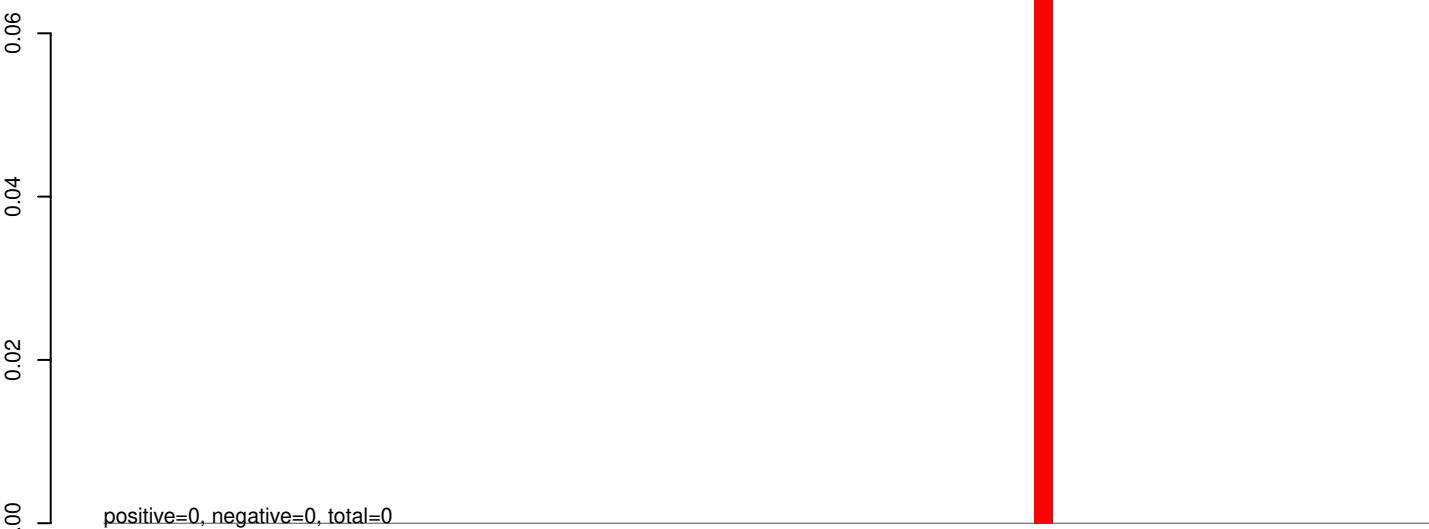


0 500 1000 1500 2000 2500

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



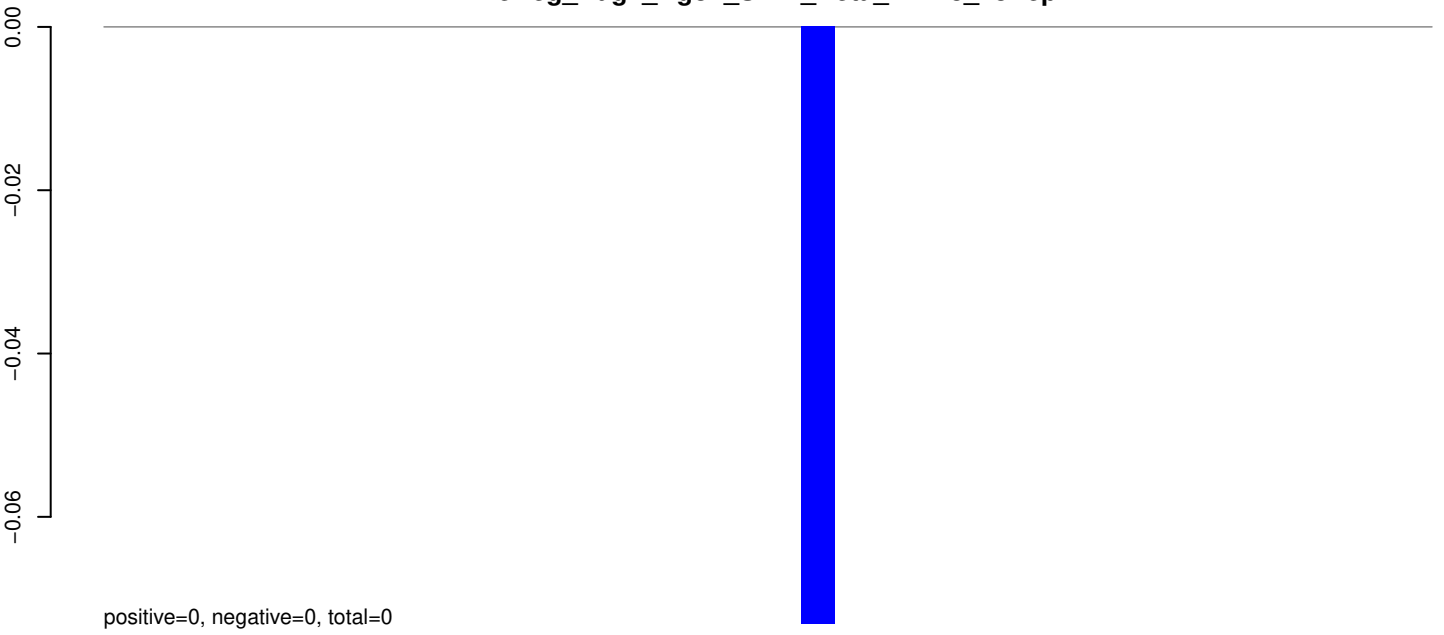
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



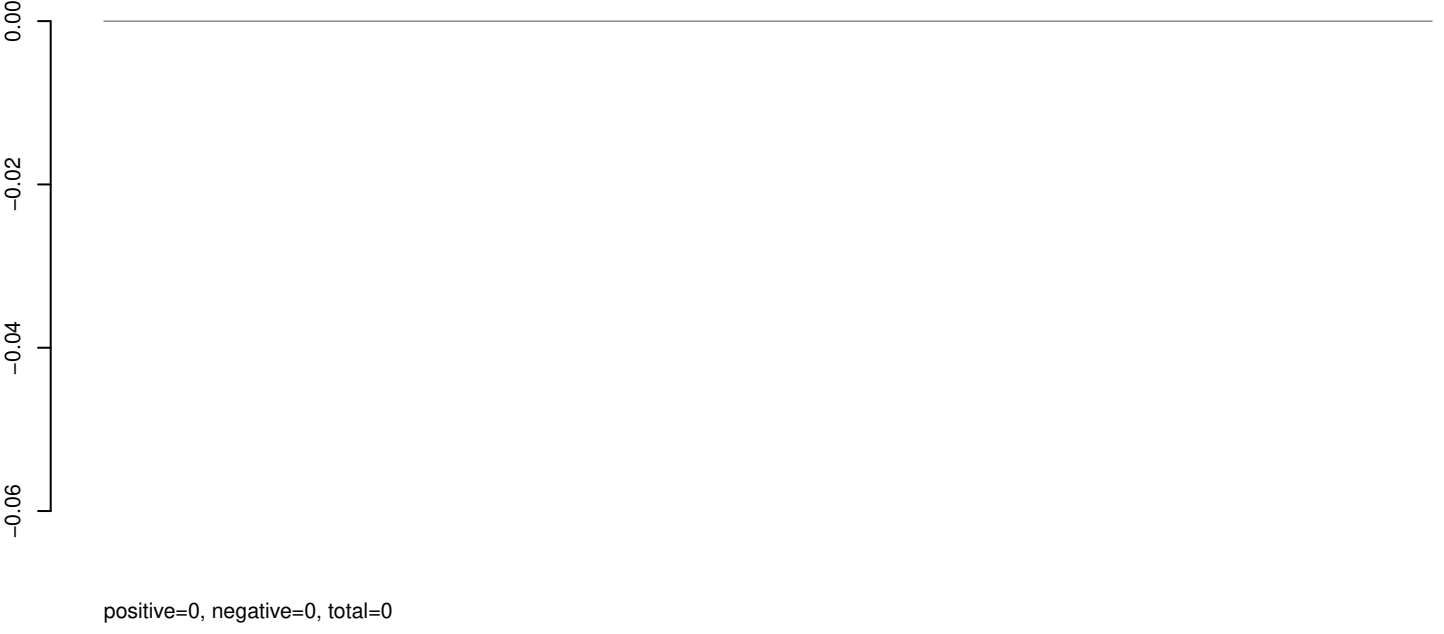
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



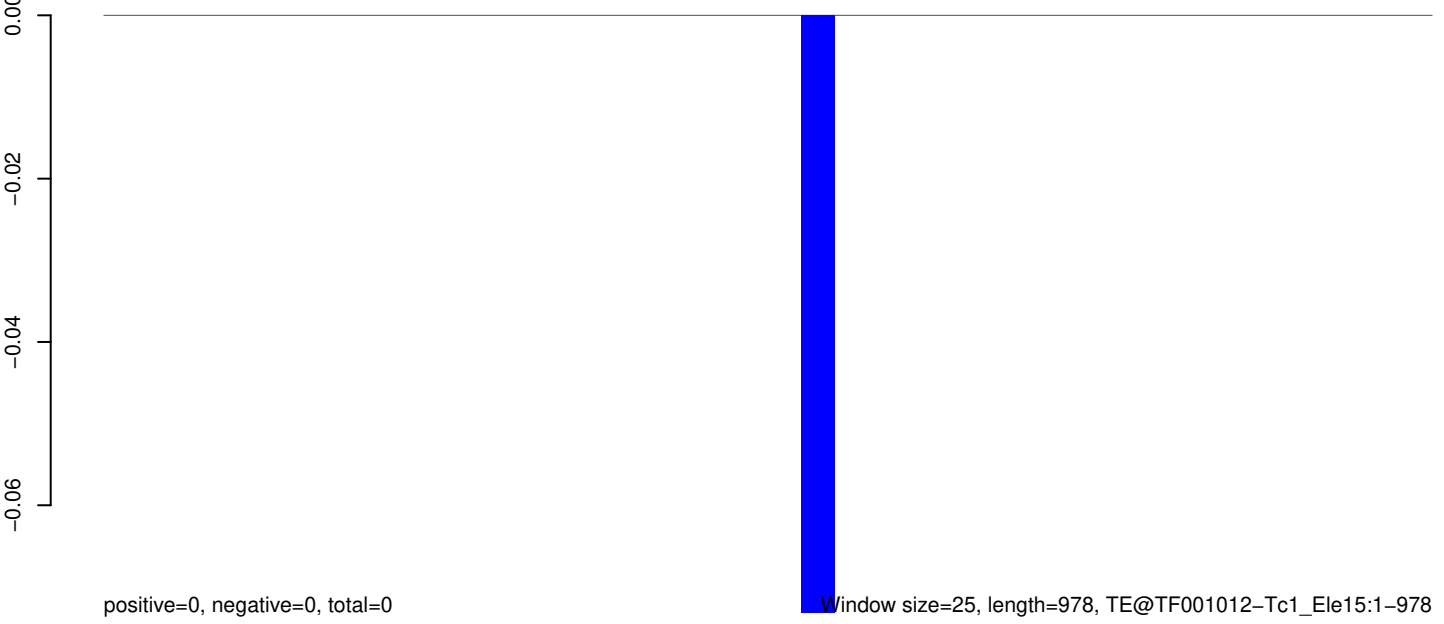
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

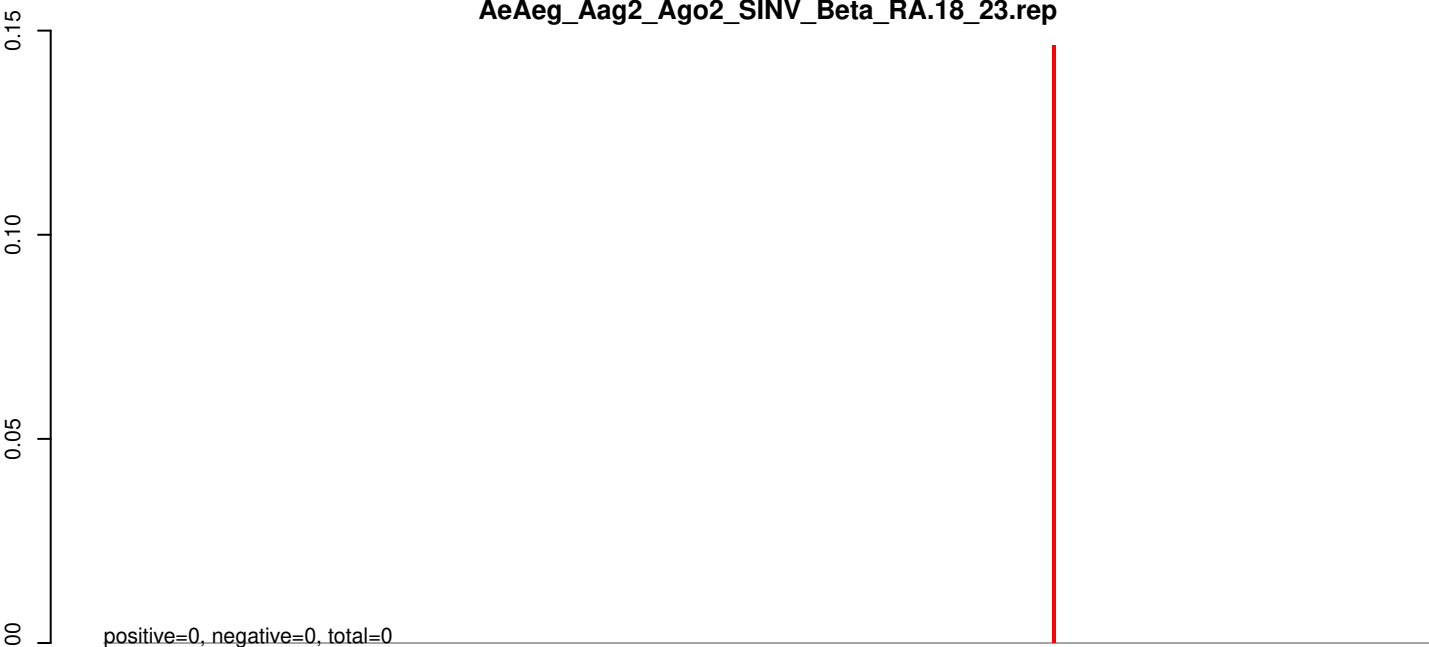


Window size=25, length=978, TE@TF001012-Tc1\_Ele15:1-978

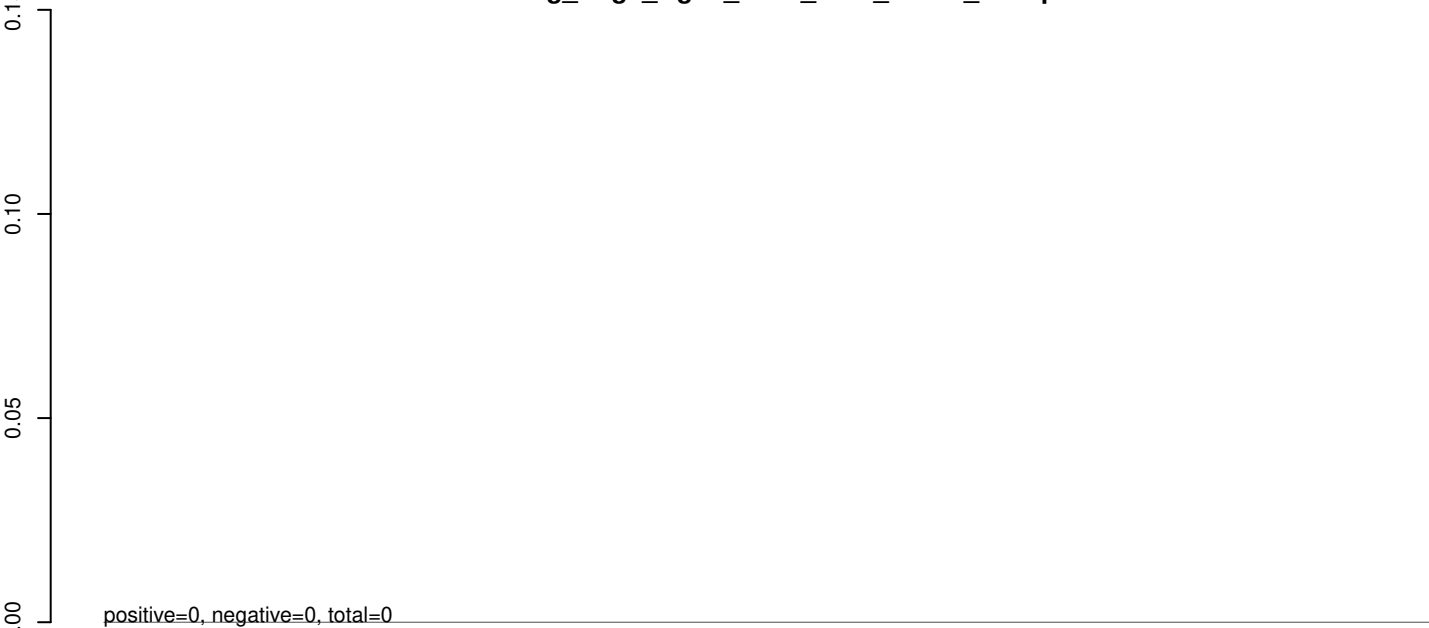
0 200 400 600 800 1000



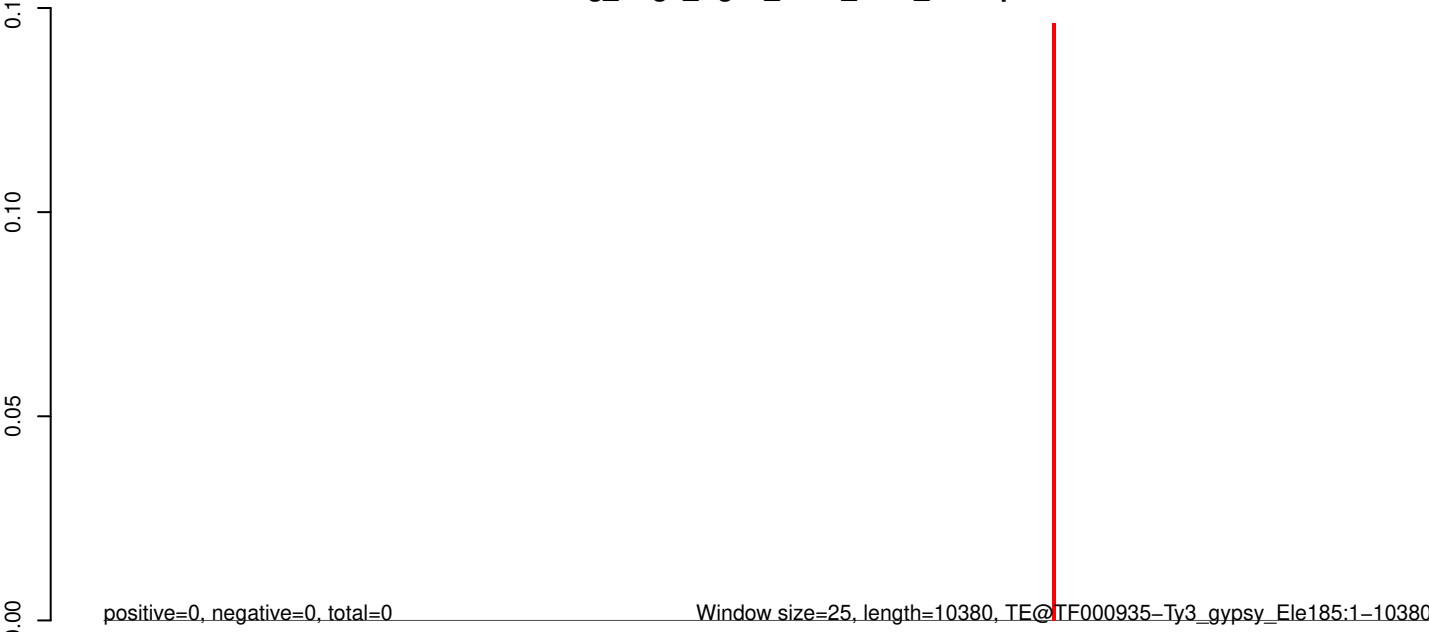
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

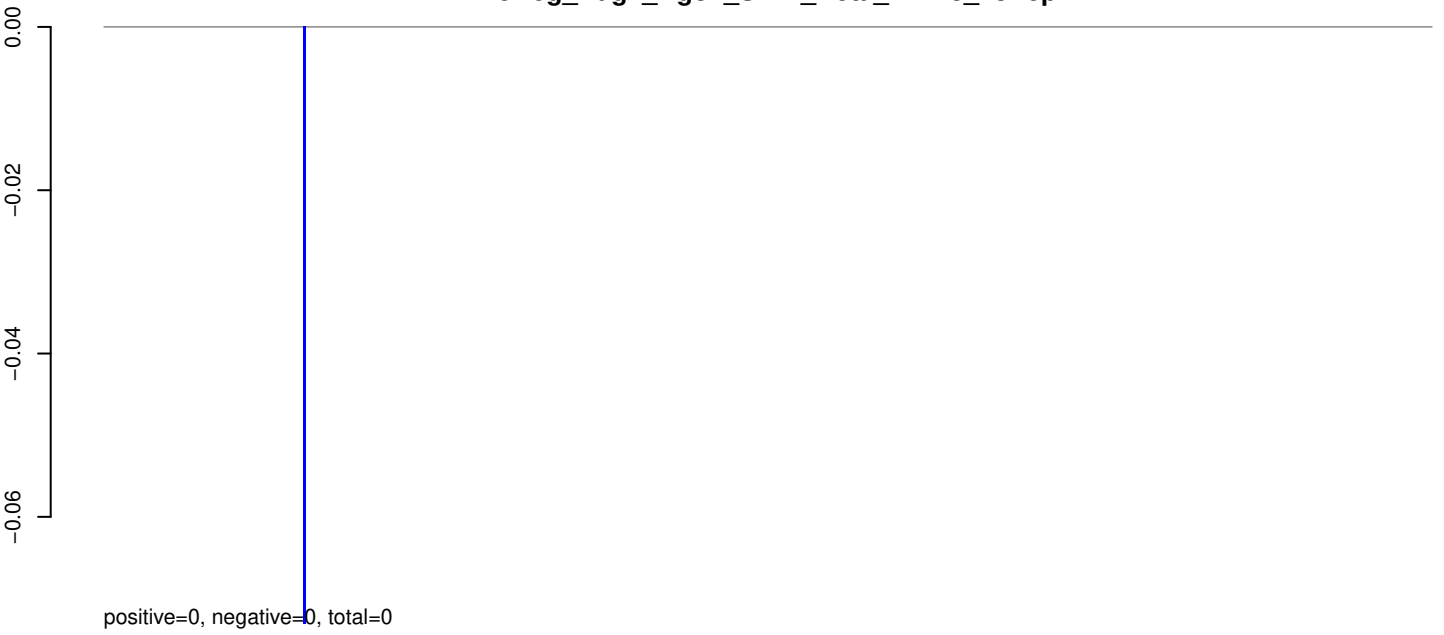


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

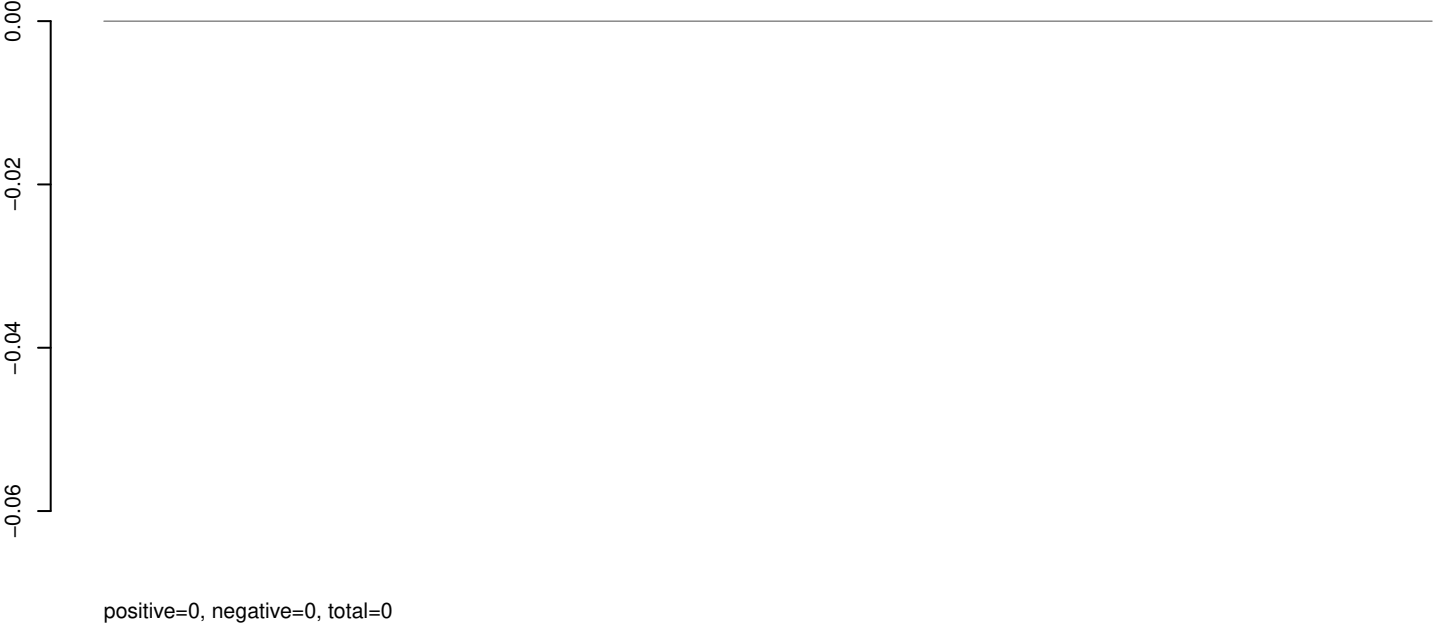


0 2000 4000 6000 8000 10000

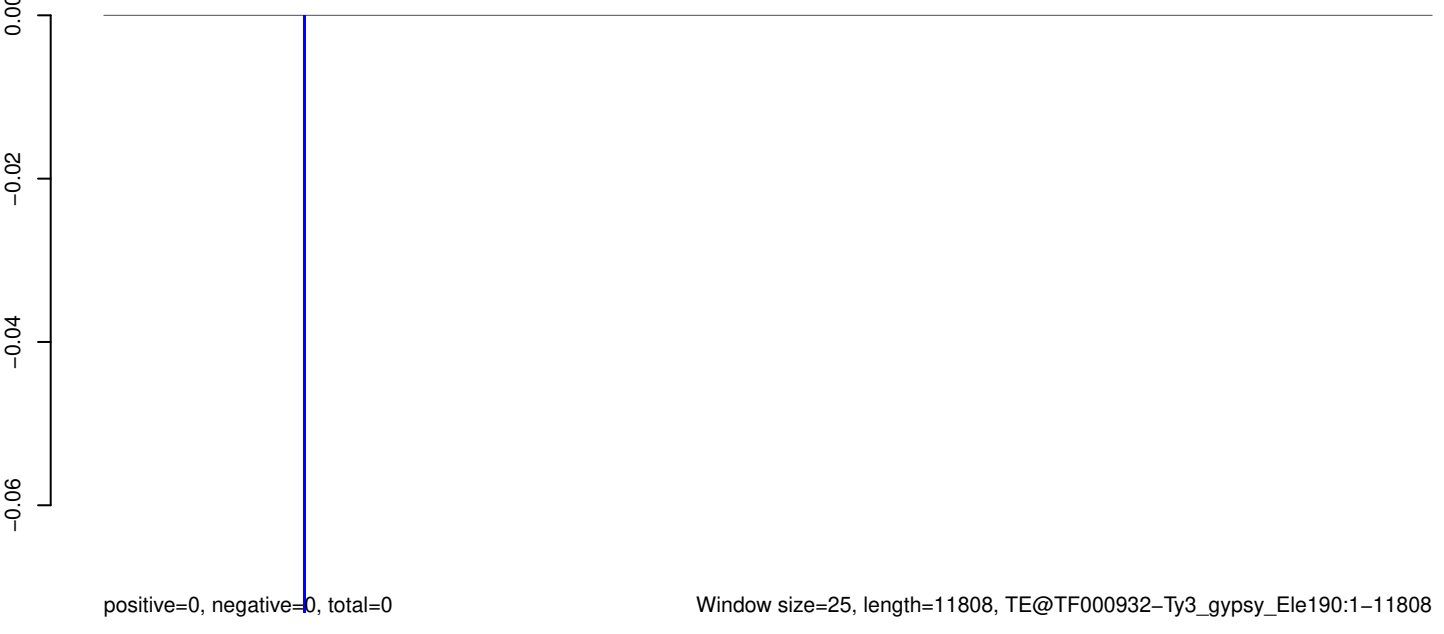
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



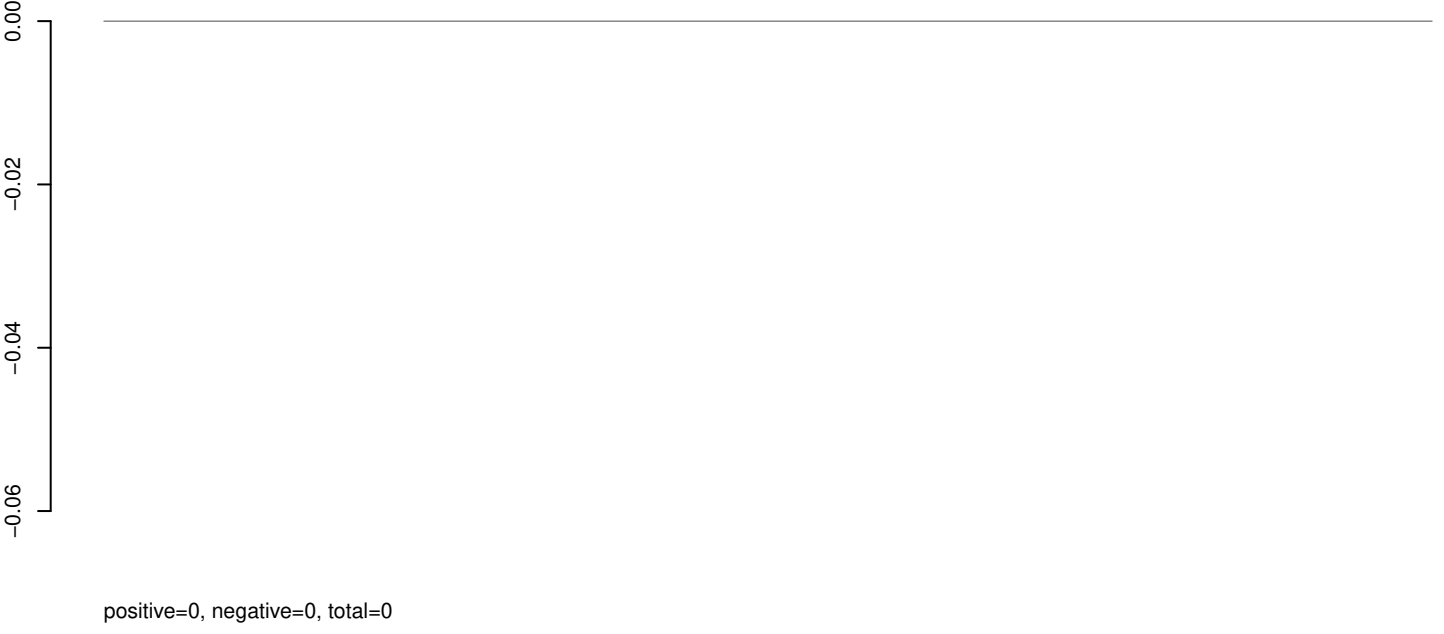
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



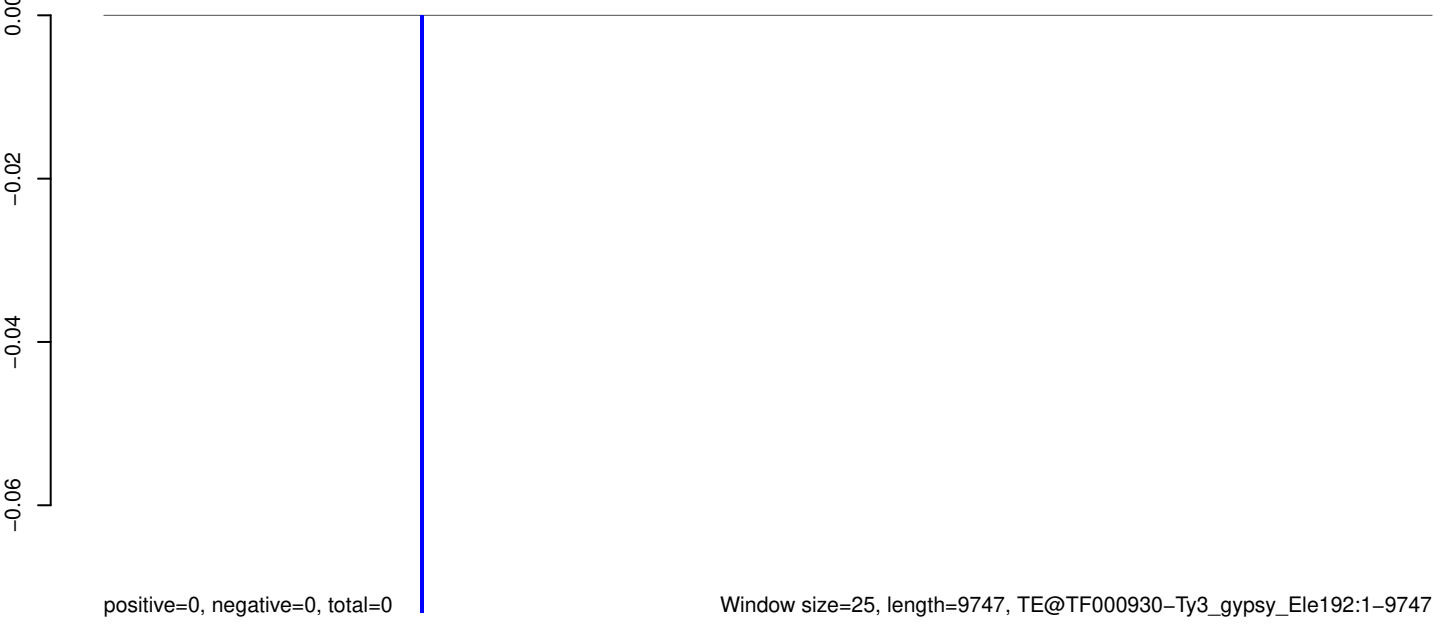
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



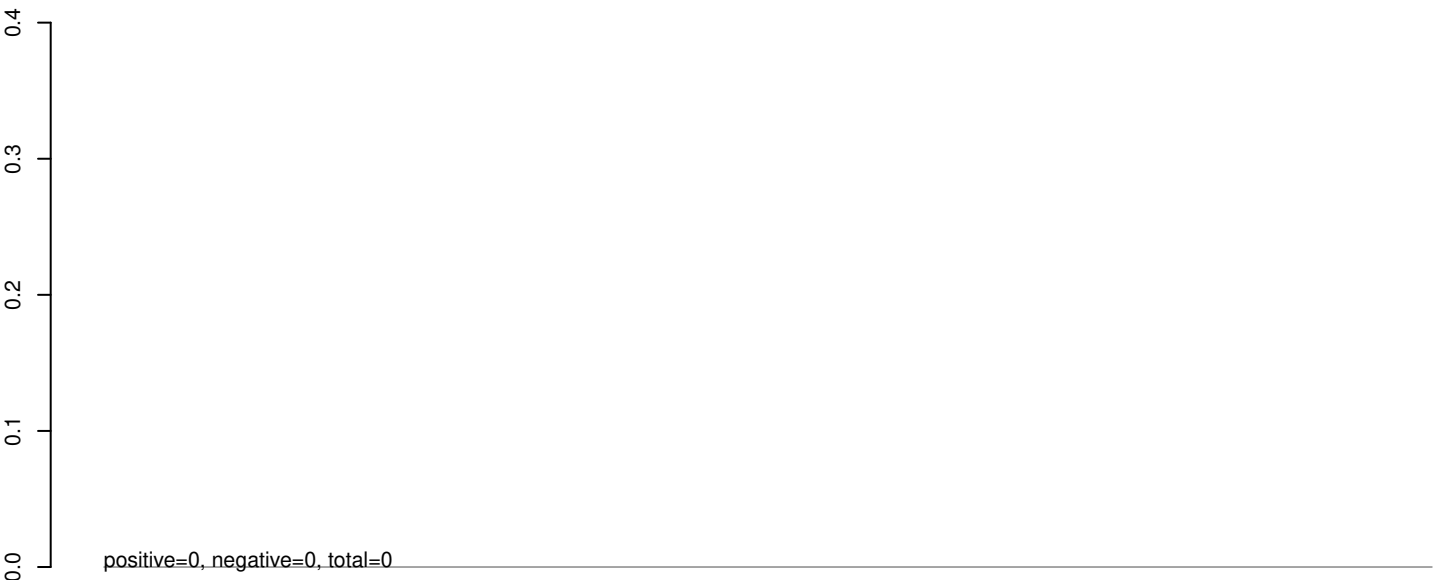
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



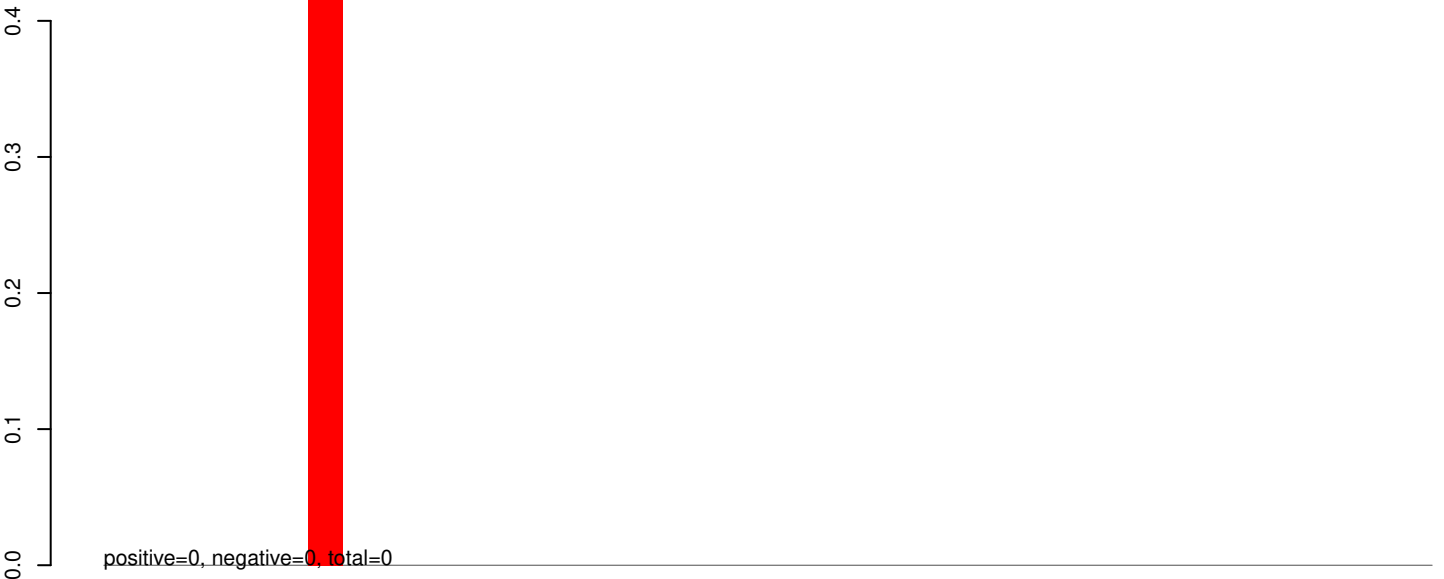
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



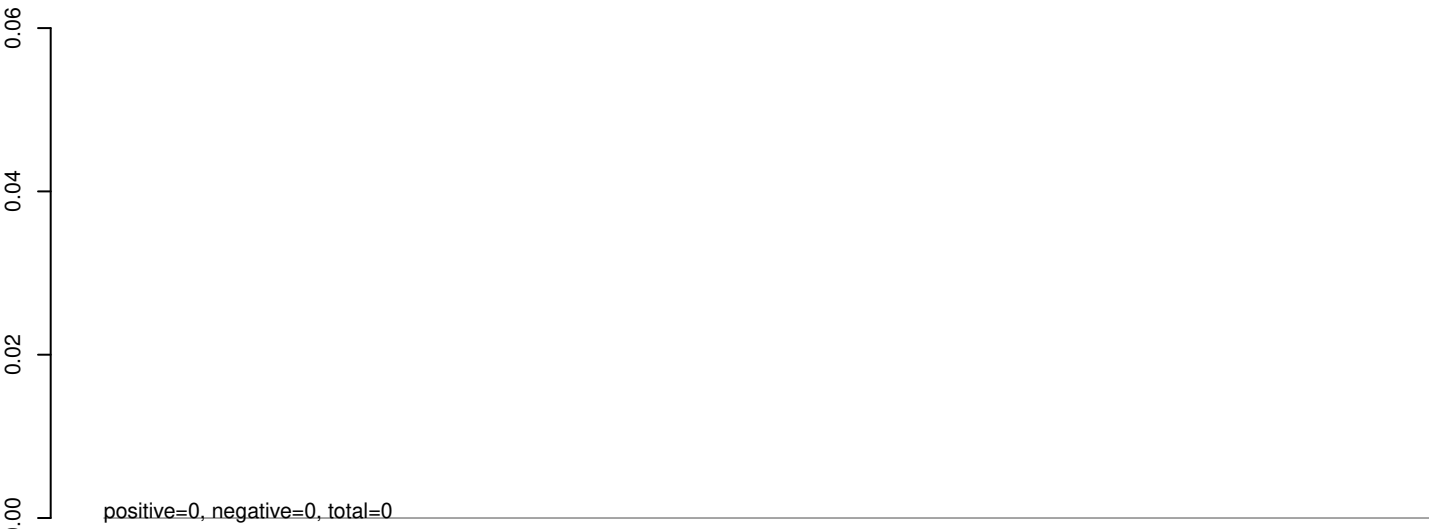
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



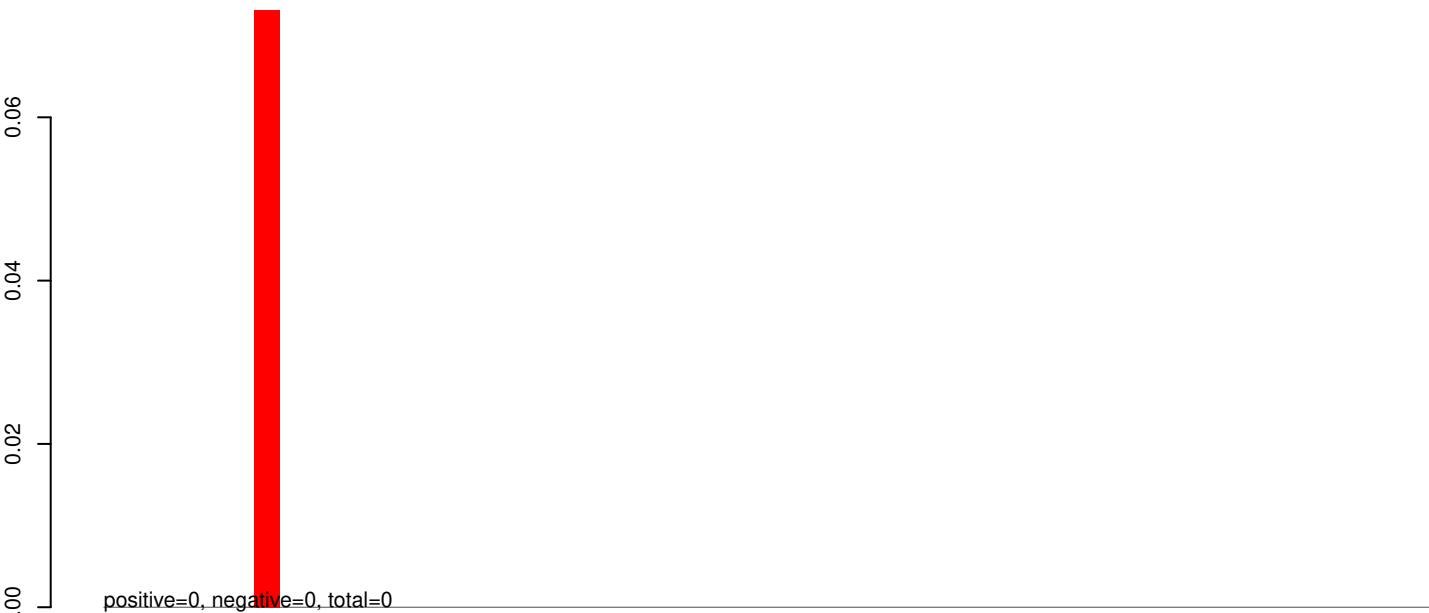
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



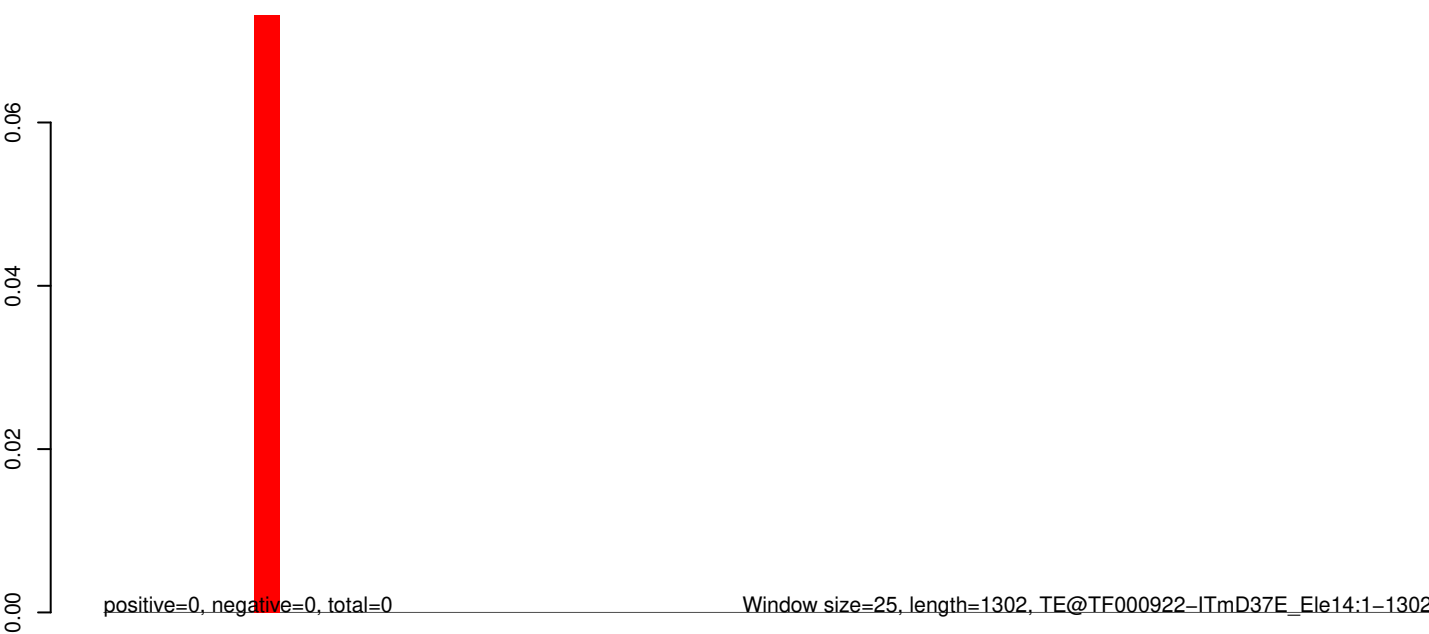
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

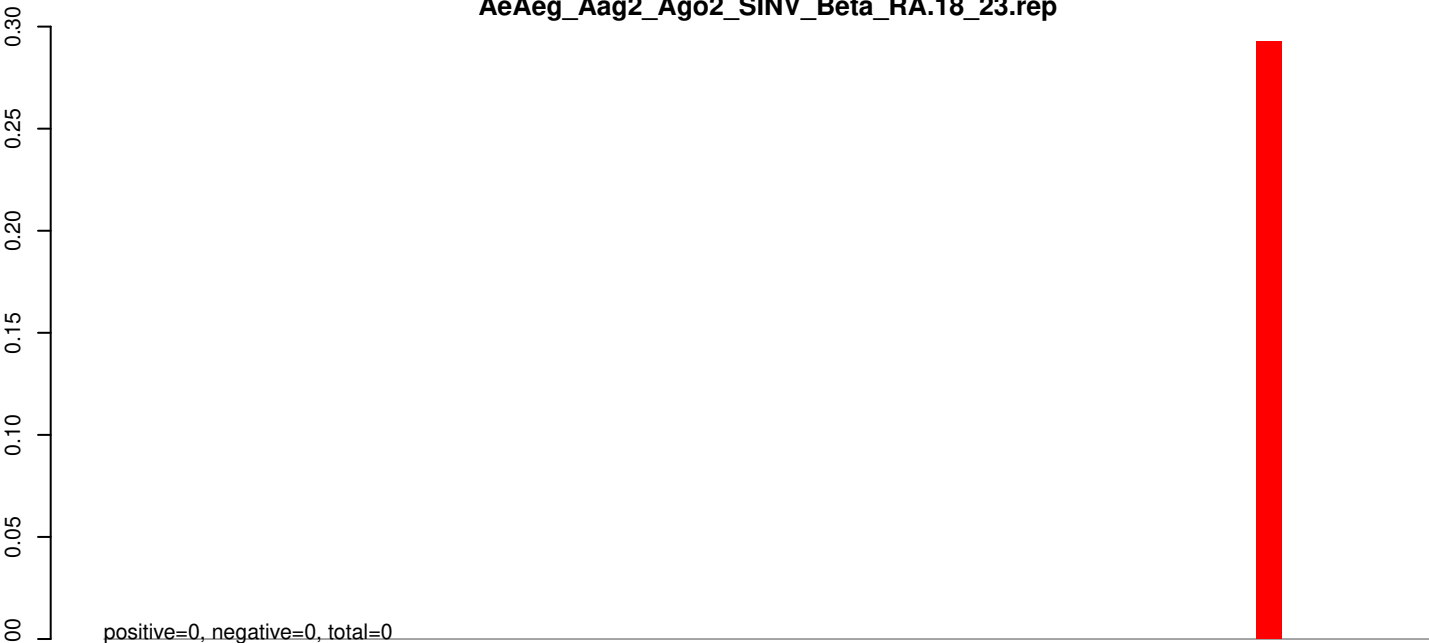
0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

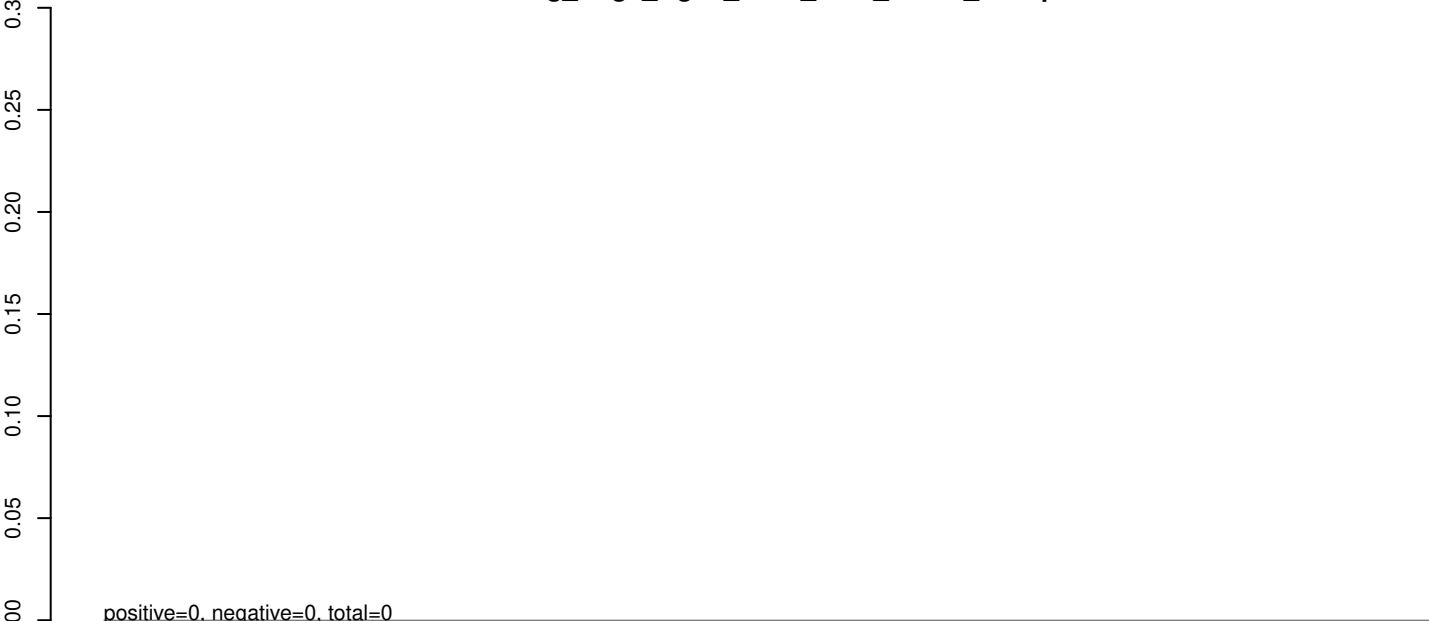
Window size=25, length=1222, TE@TF000912-ITmD41D\_Ele1:1-1222

0 200 400 600 800 1000 1200

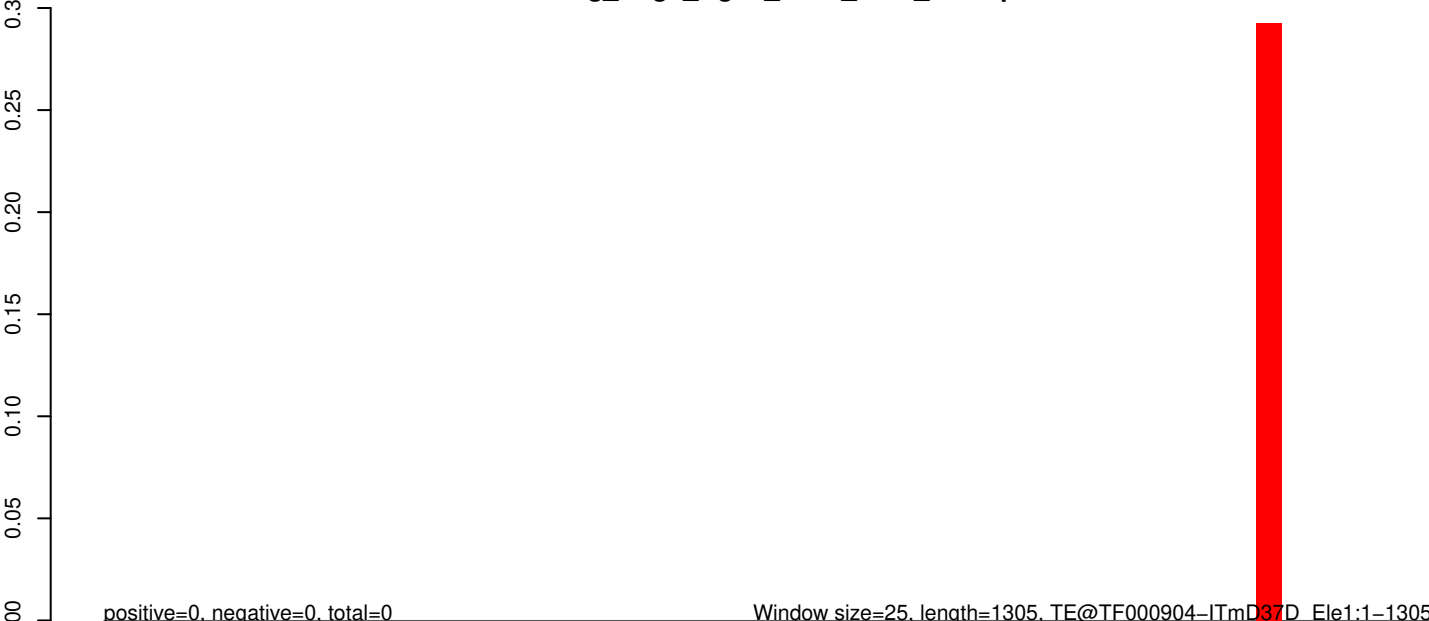
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

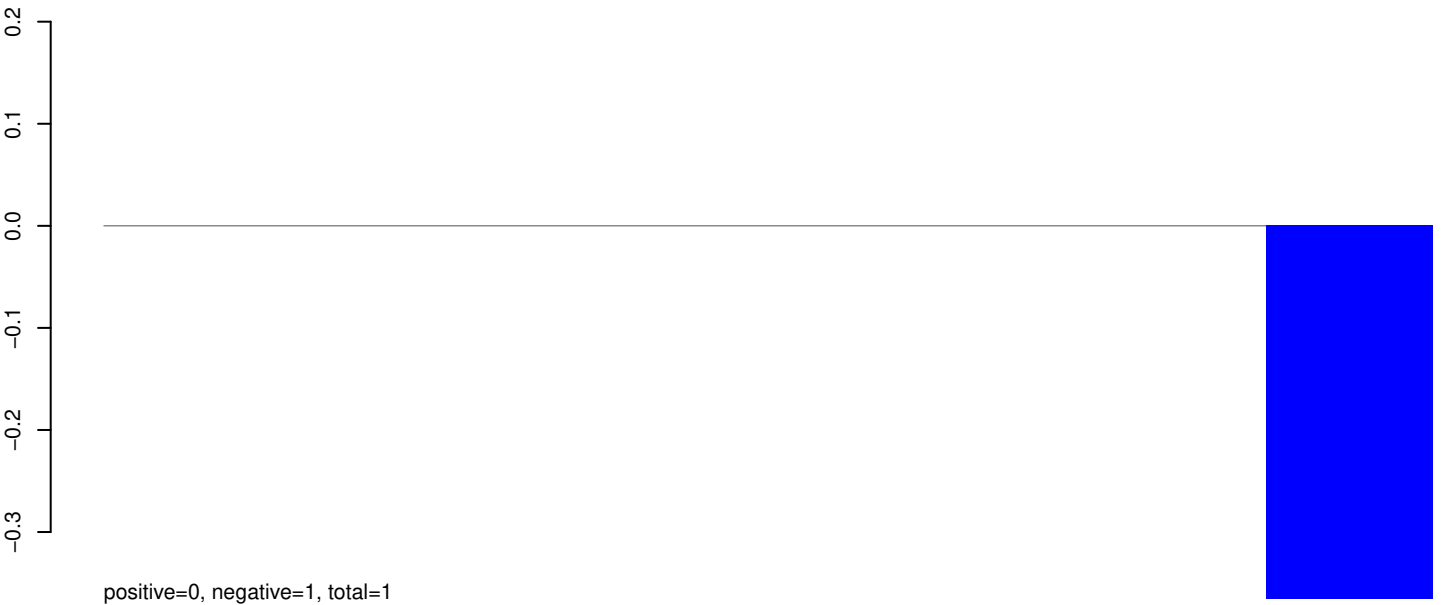


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

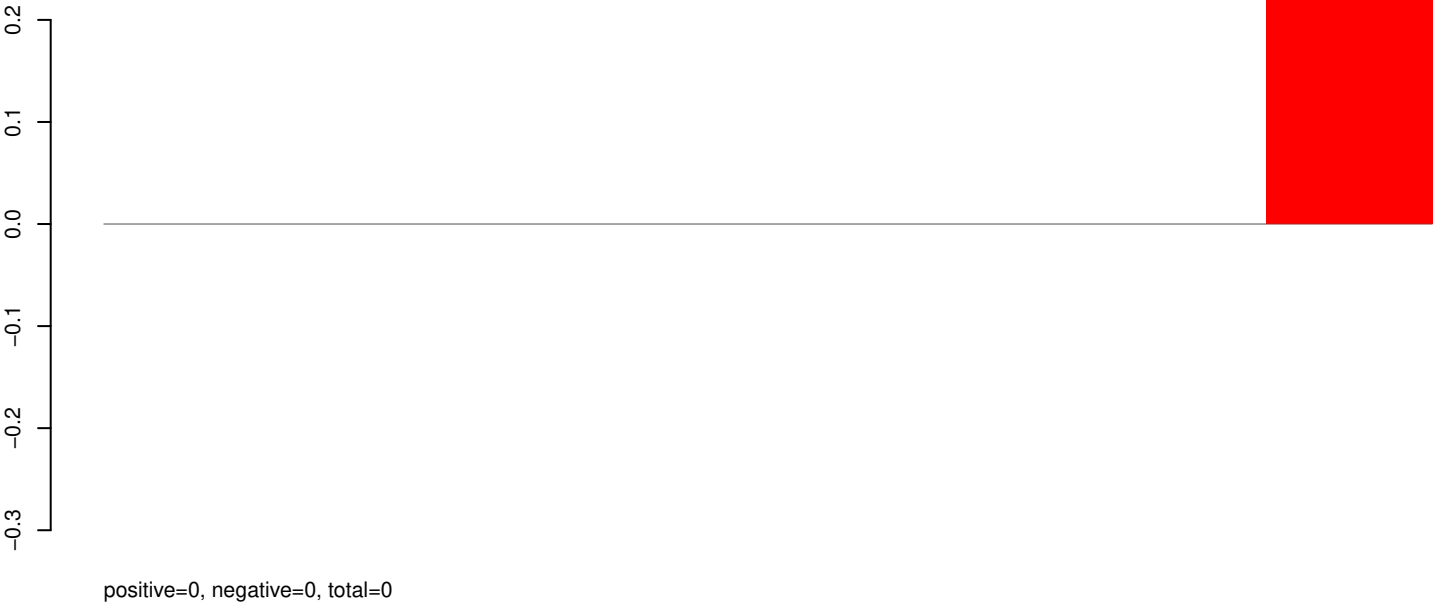


0 200 400 600 800 1000 1200 1400

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

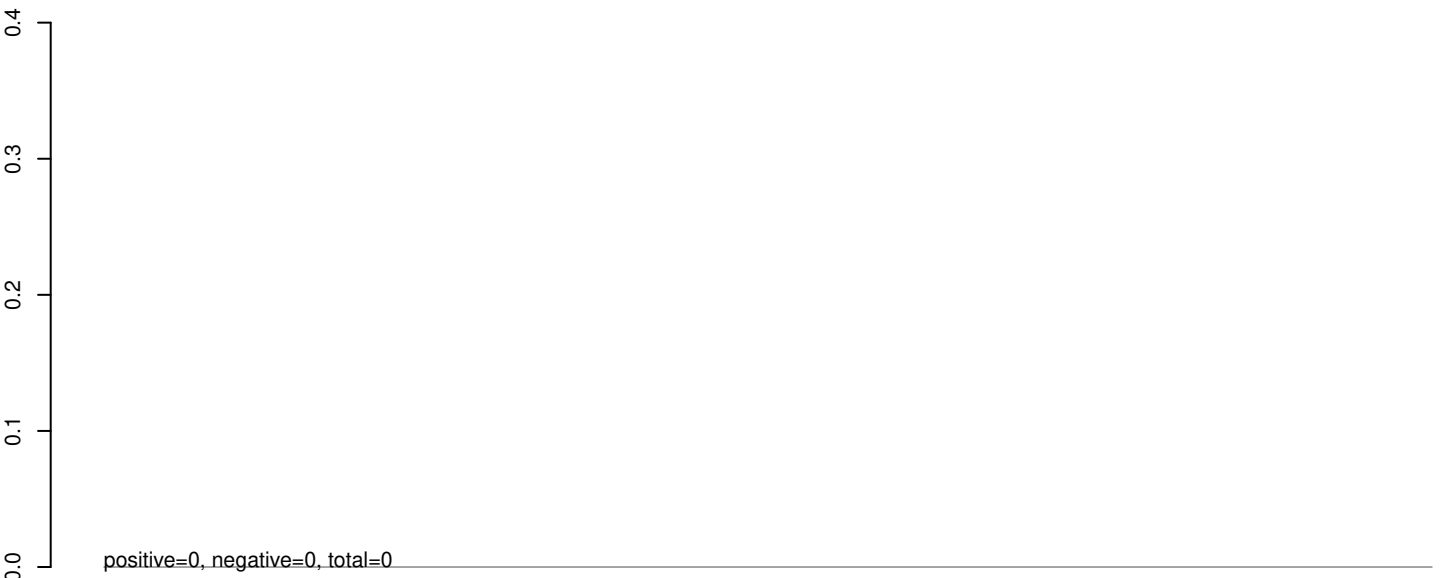


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

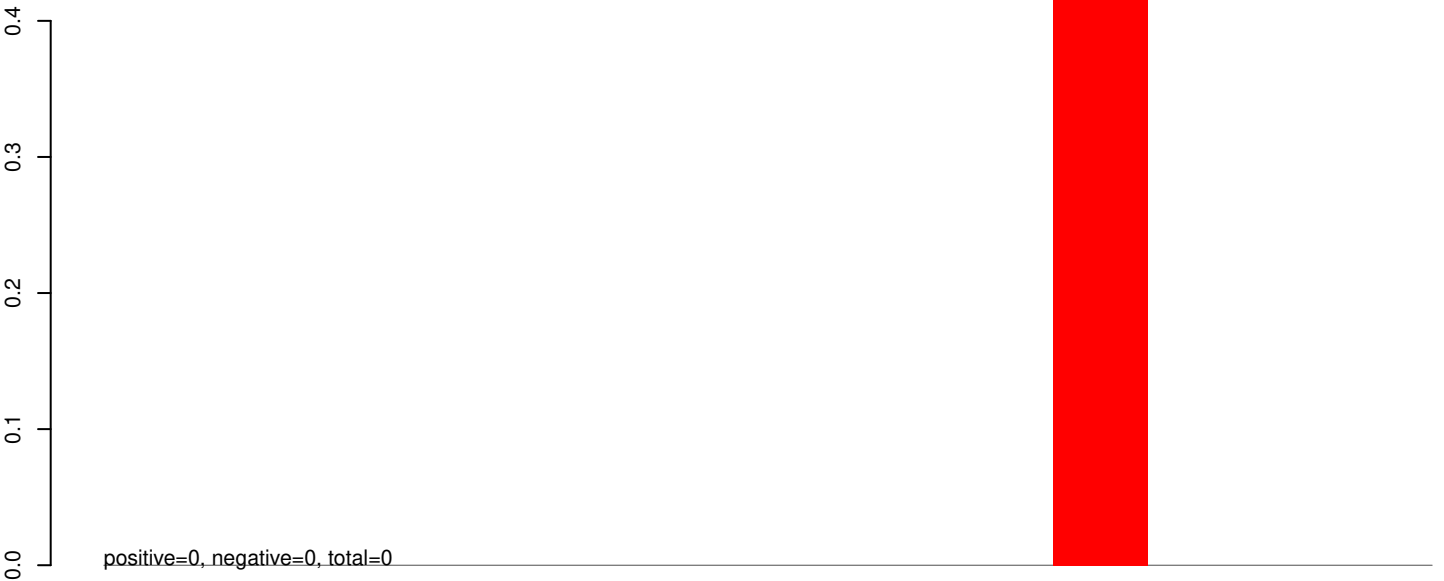




**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

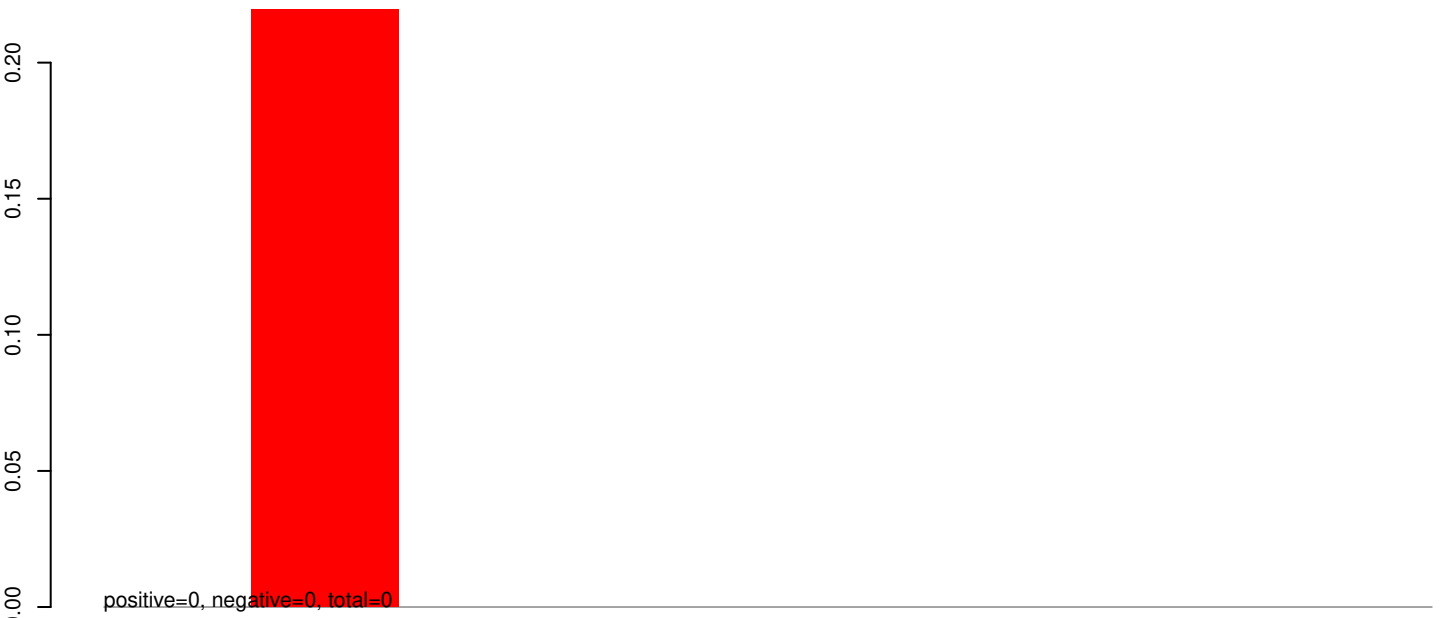


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

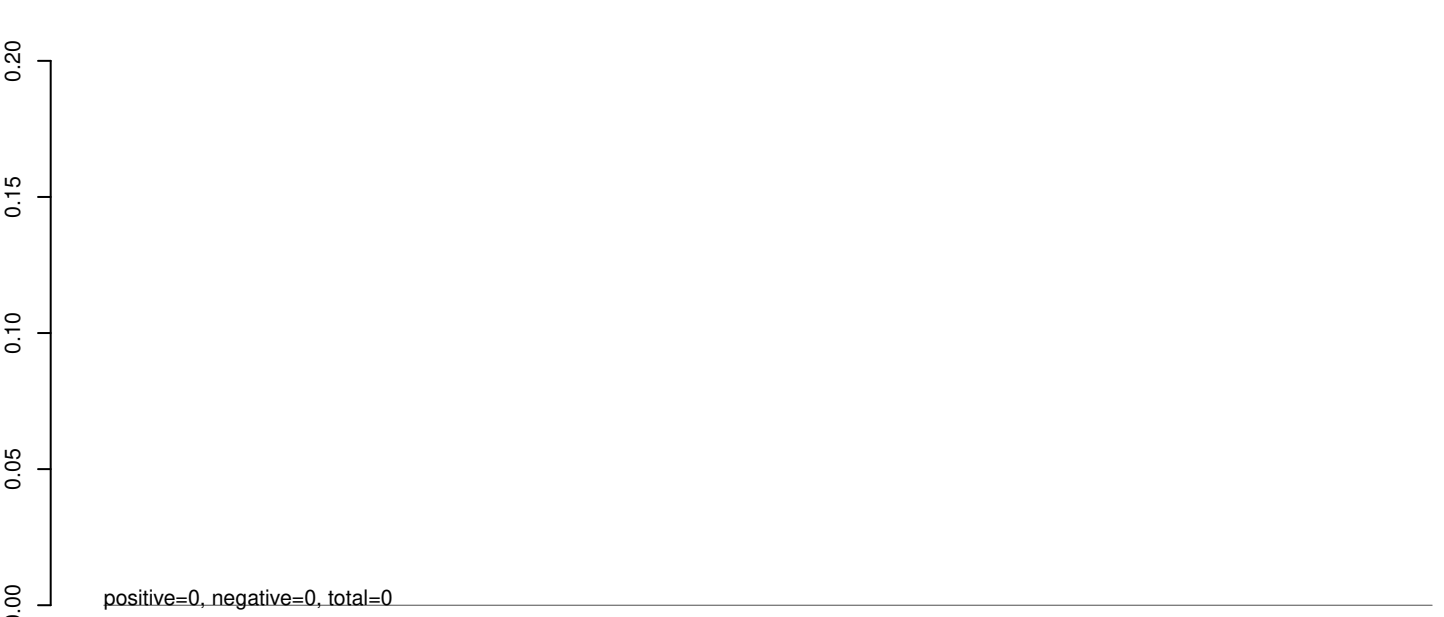


50 100 150 200 250 300 350

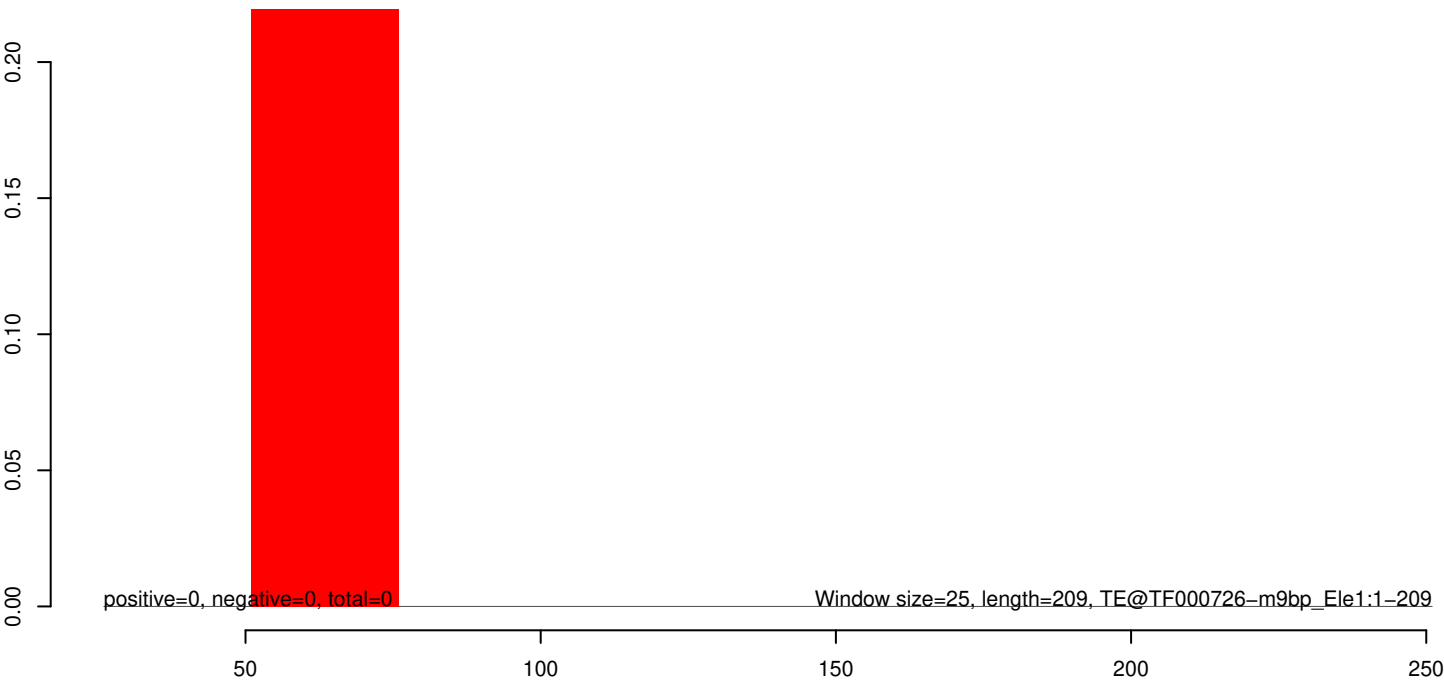
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



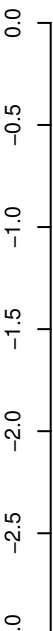
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

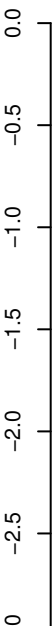


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



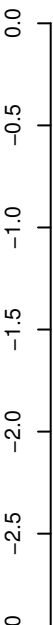
positive=0, negative=0, total=0

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



positive=0, negative=3, total=3

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



positive=0, negative=3, total=3

Window size=25, length=441, TE@TF000724-m8bp\_Ele13:1-441

100

200

300

400

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

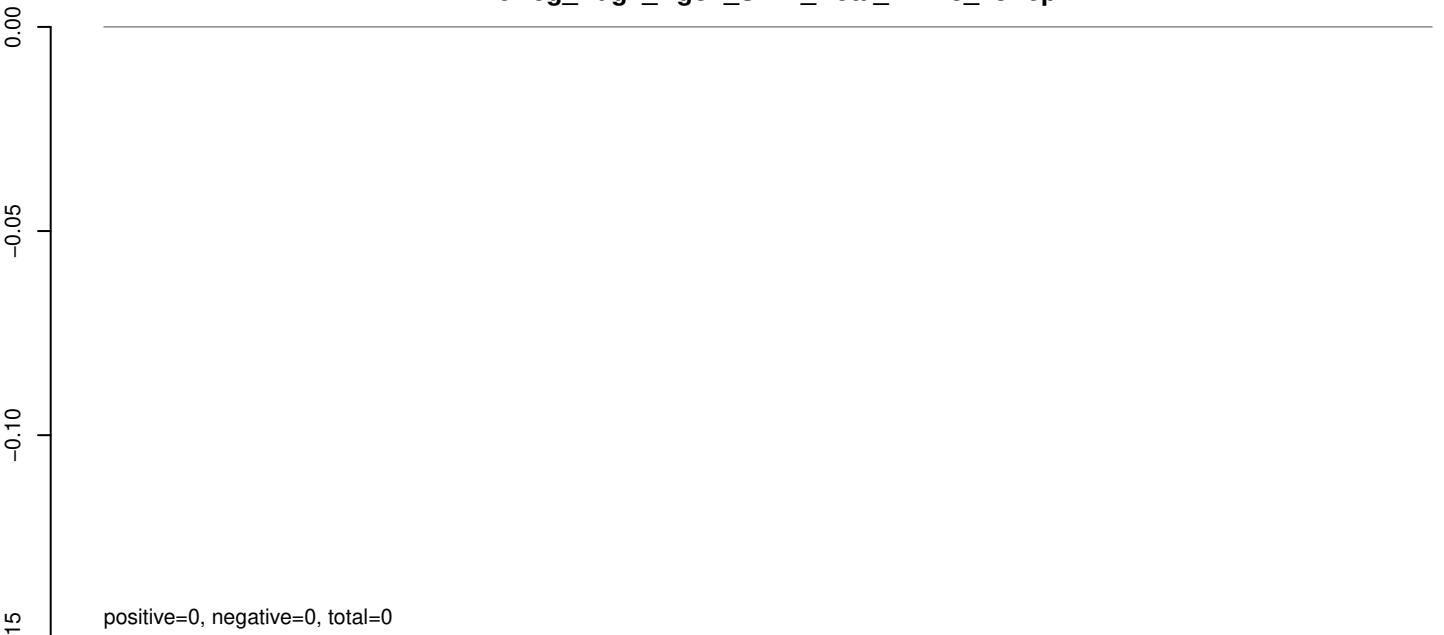
0.00  
-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

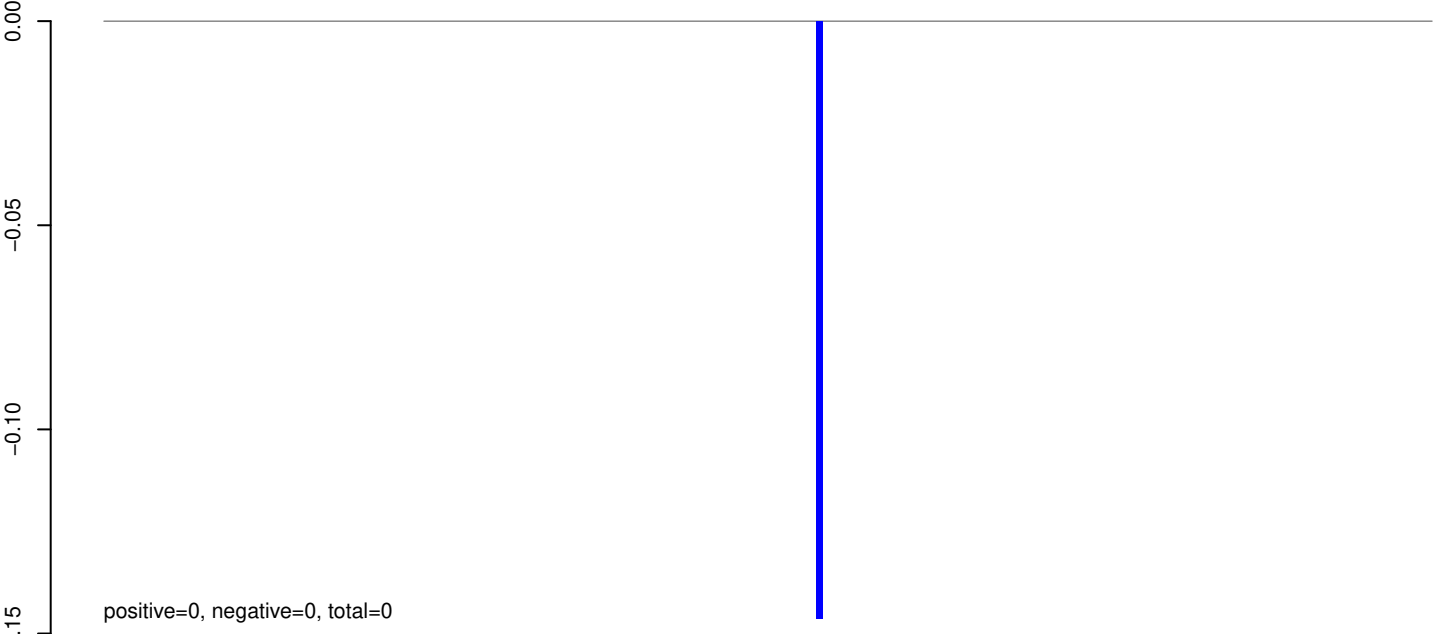
Window size=25, length=3291, TE@TF000668-Ty1\_copia\_Ele44:1-3291

0 500 1000 1500 2000 2500 3000

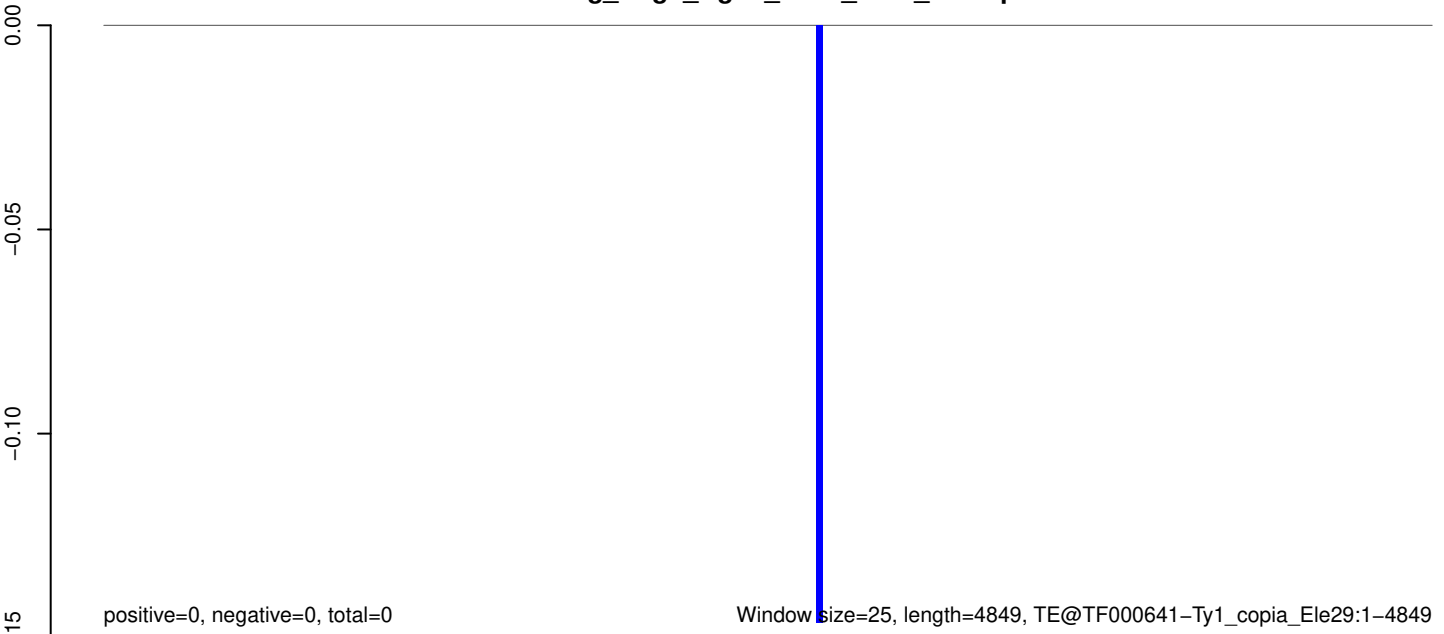
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



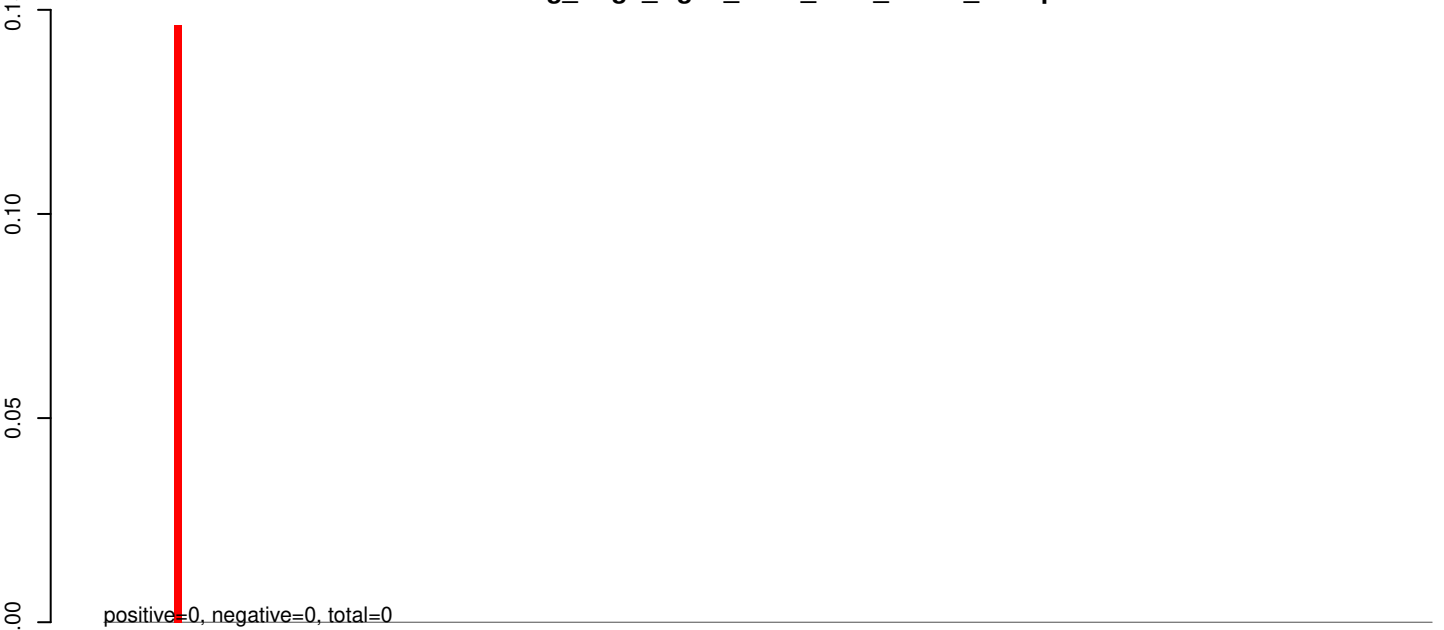
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



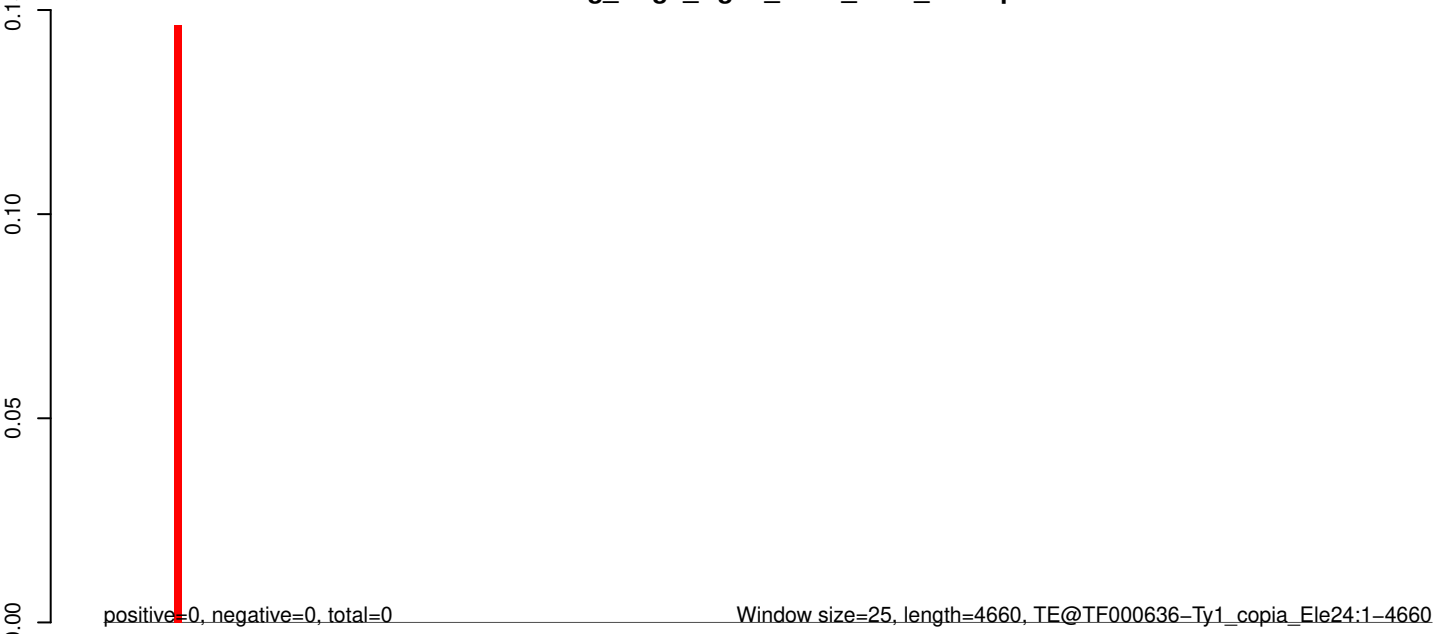
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

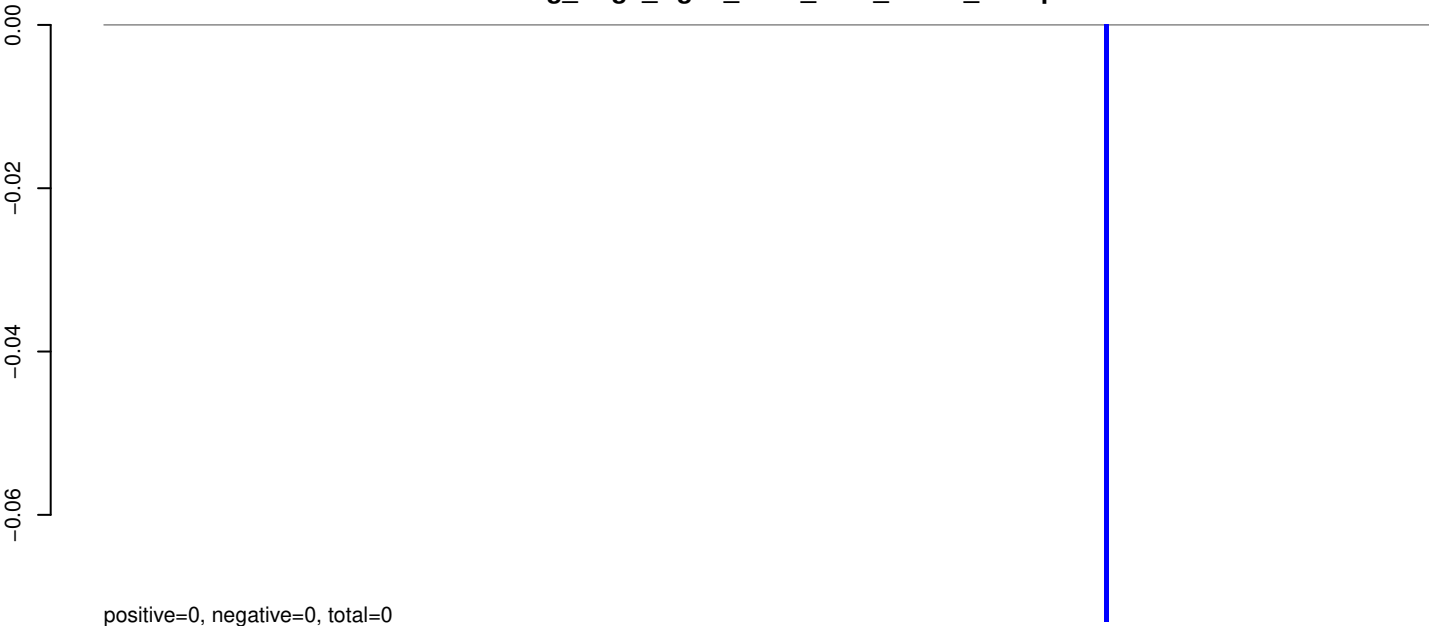
0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

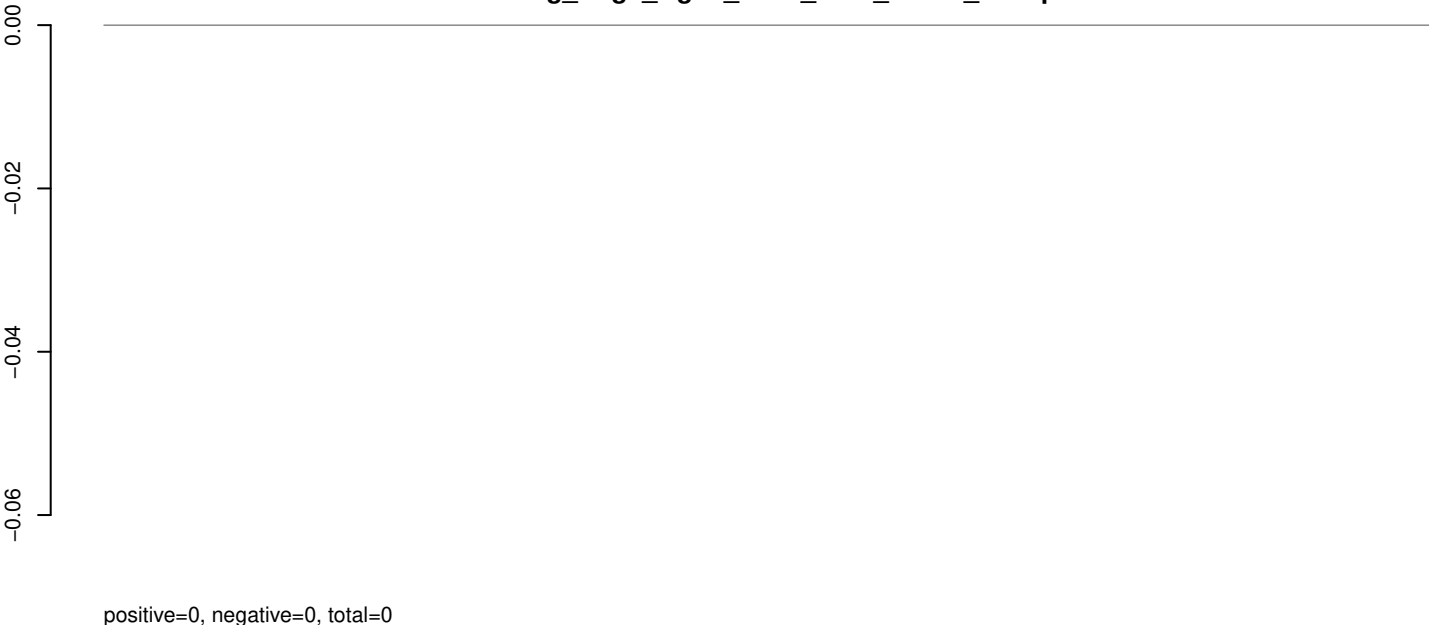
Window size=25, length=4518, TE@TF000633-Ty1\_copia\_Ele21:1-4518

0 1000 2000 3000 4000

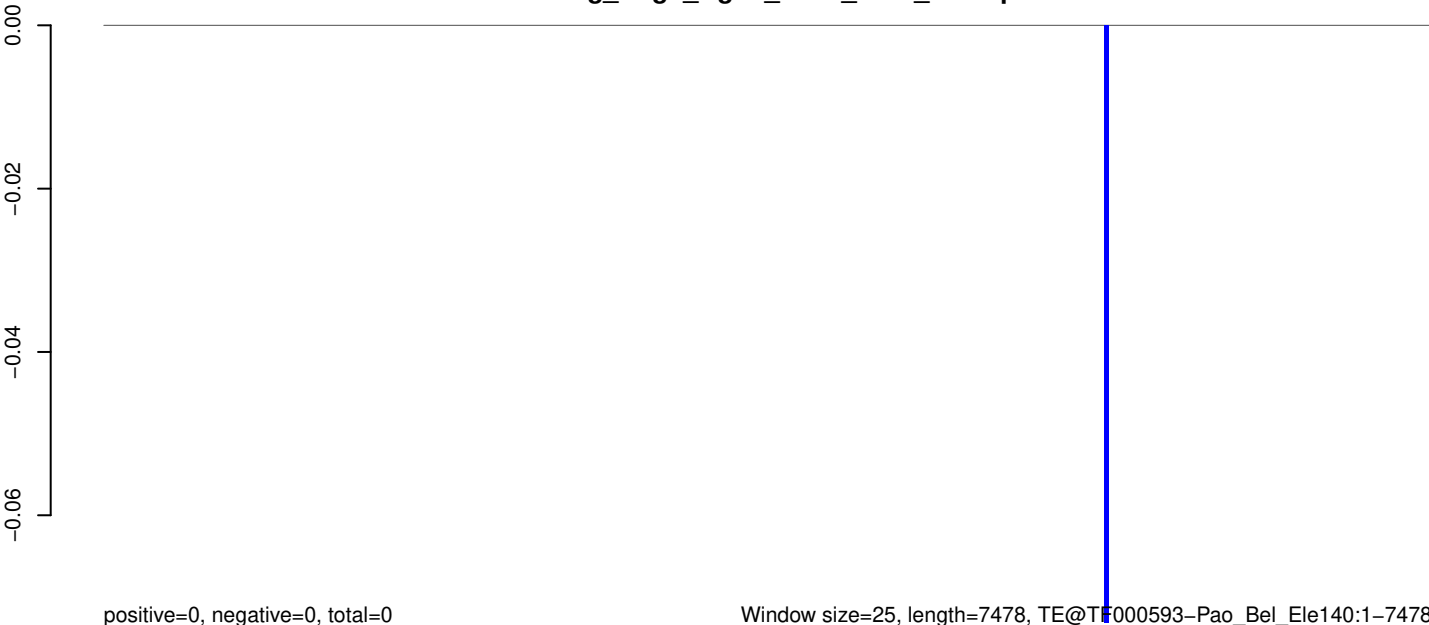
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

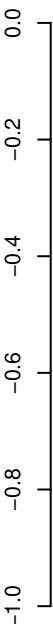


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



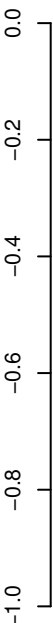


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



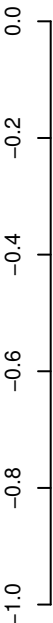
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



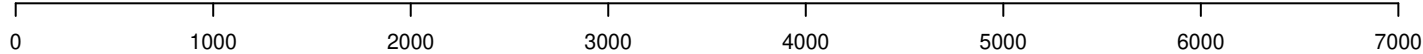
positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

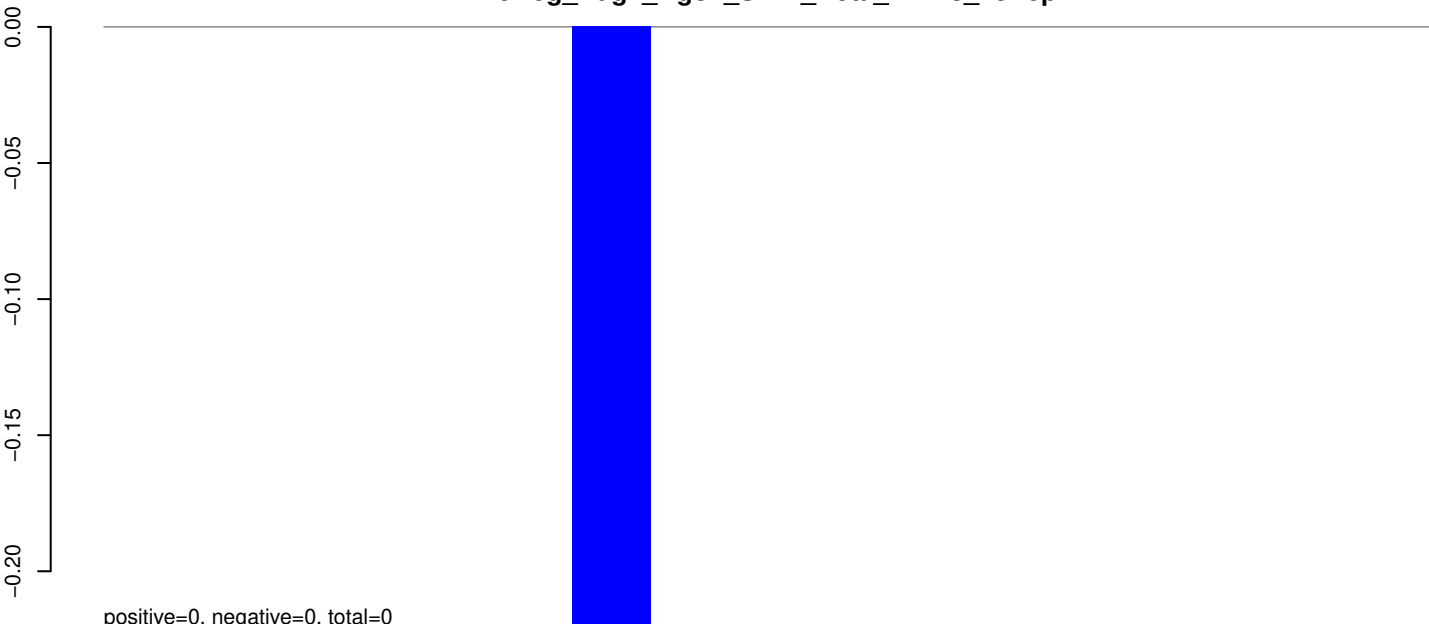


positive=0, negative=1, total=1

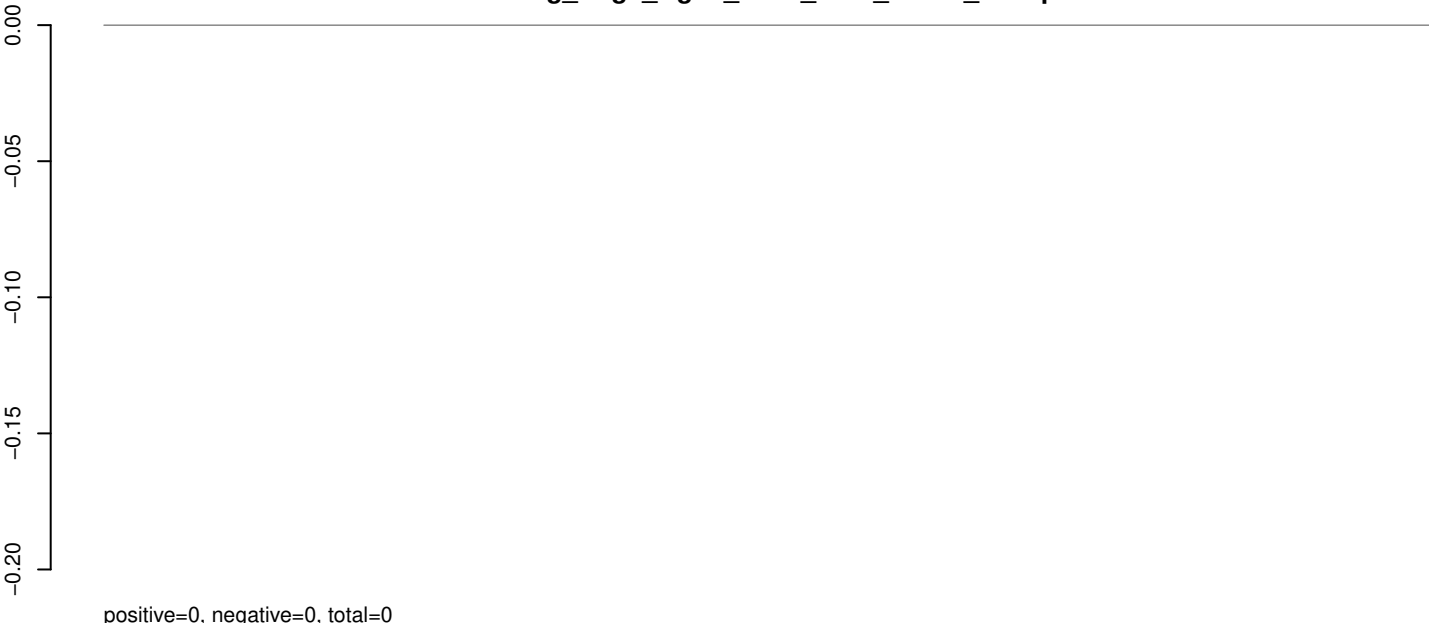
Window size=25, length=6709, TE@TF000589-Pao\_Bel\_Ele130:1-6709



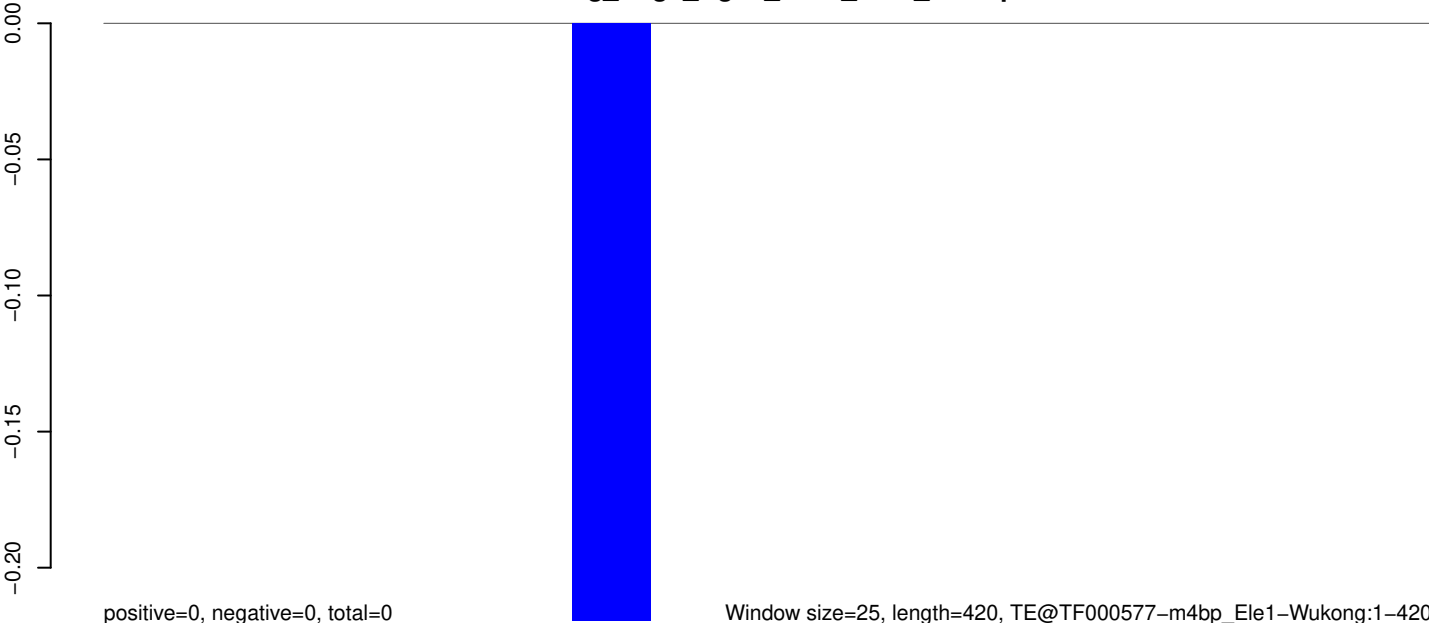
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



100 200 300 400

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

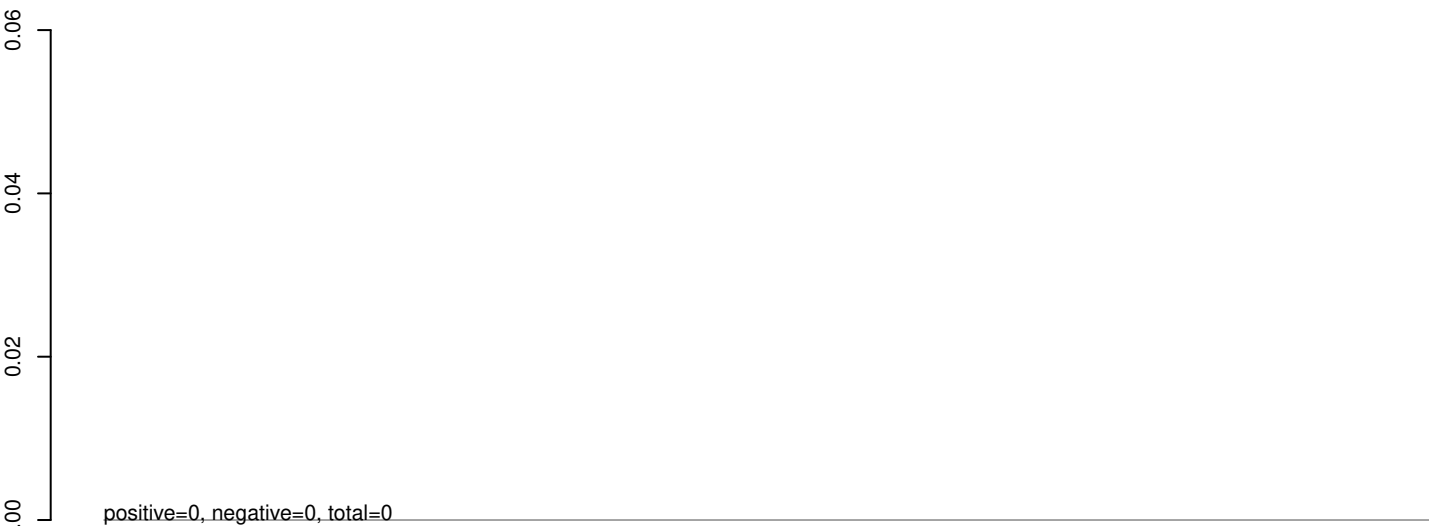
0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

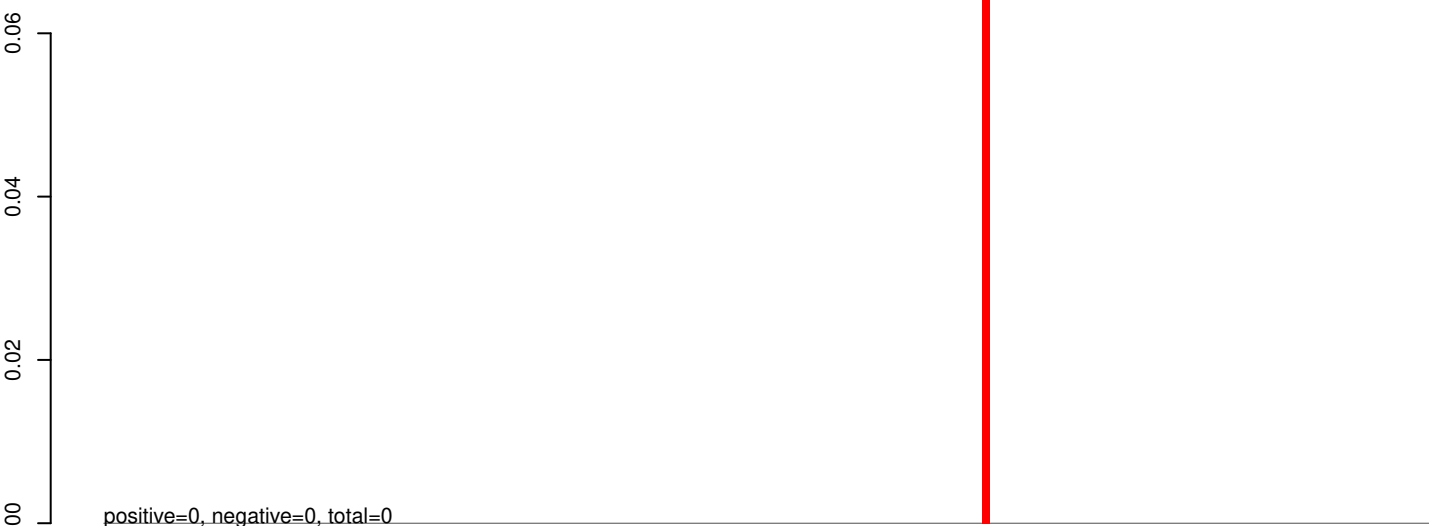
Window size=25, length=7786, TE@TF000438-Pao\_Bel\_Ele195:1-7786

0 2000 4000 6000 8000

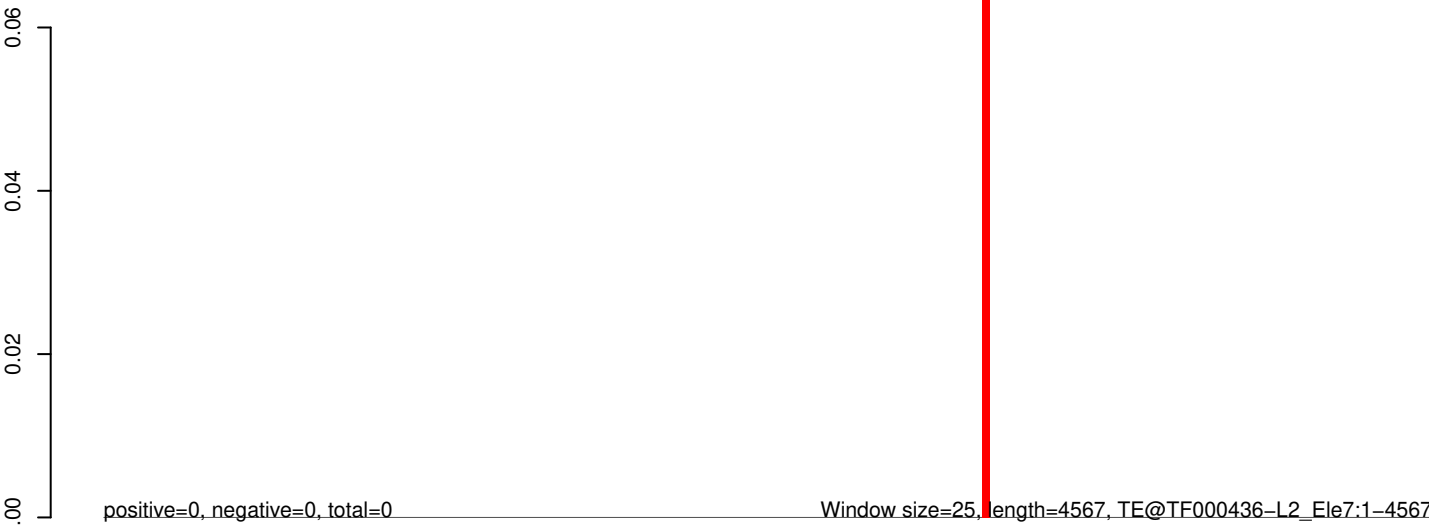
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



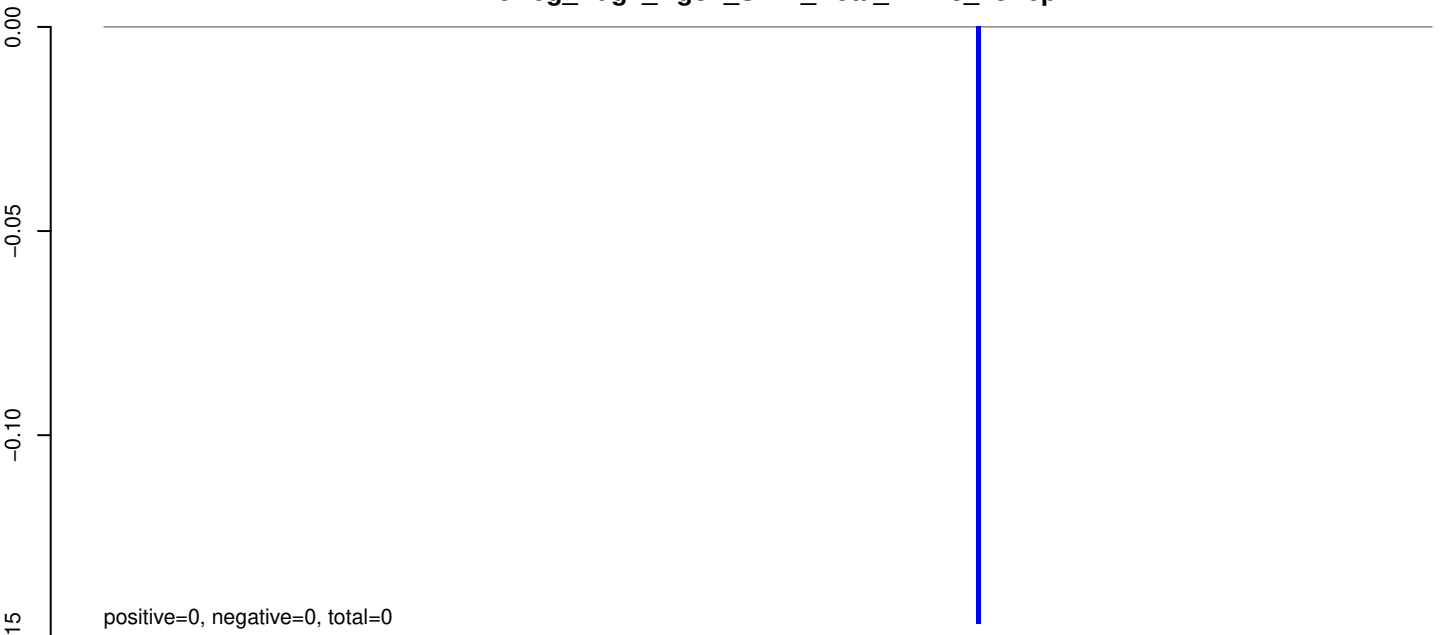
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



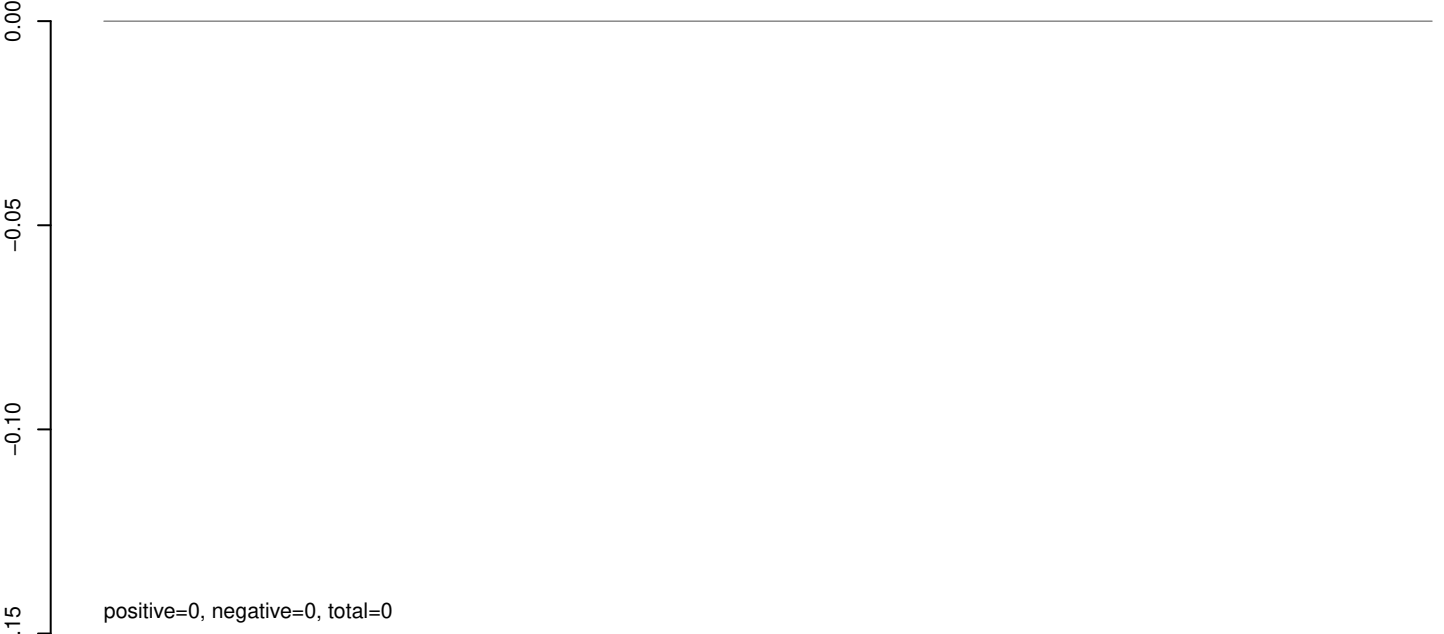
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



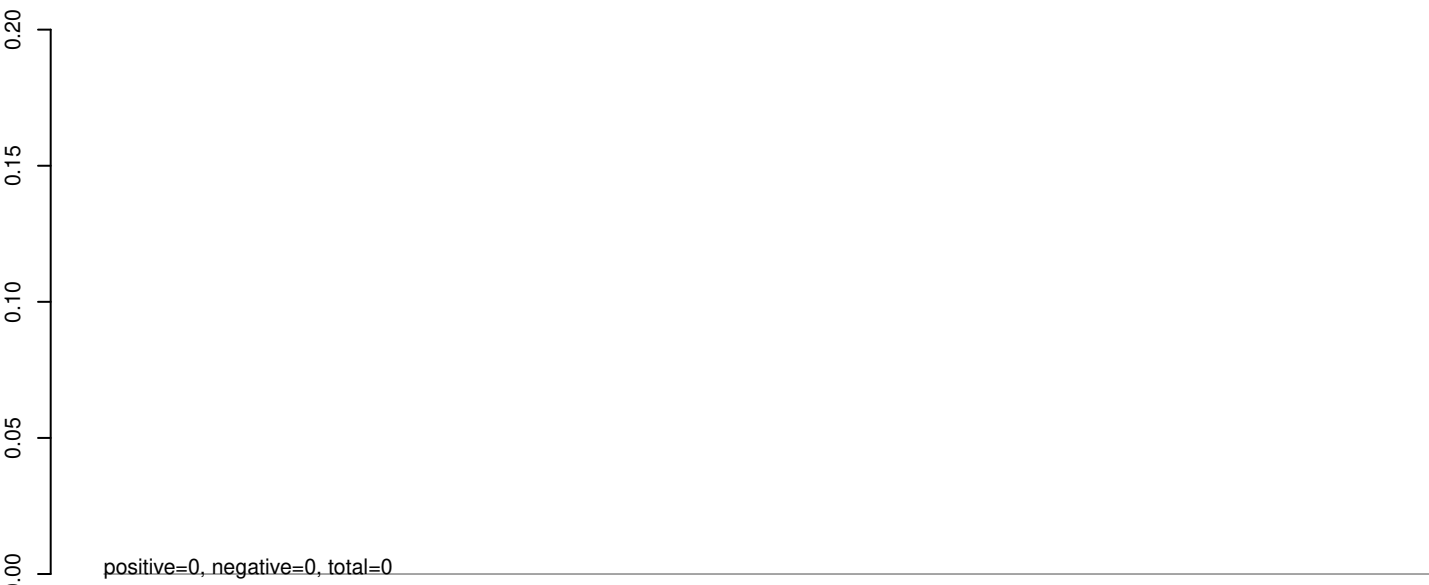
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



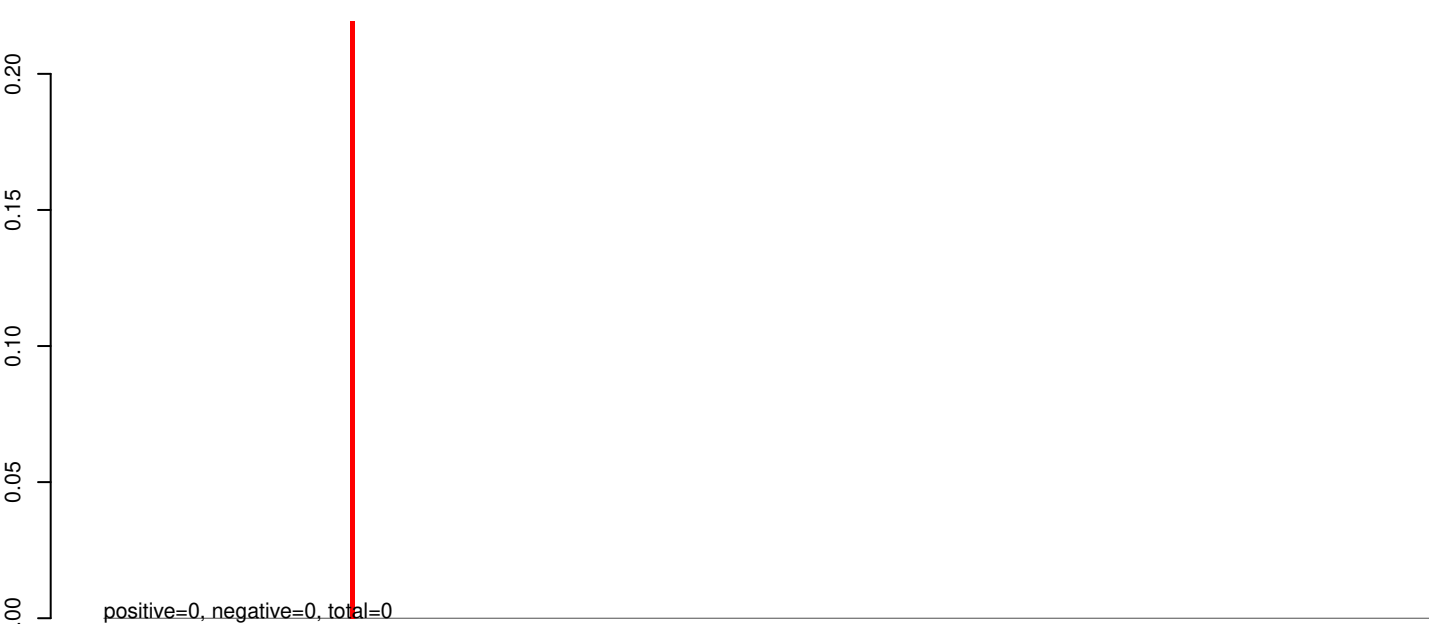
Window size=25, length=6757, TE@TF000387-Ty3\_gypsy\_Ele106:1-6757

0 1000 2000 3000 4000 5000 6000 7000

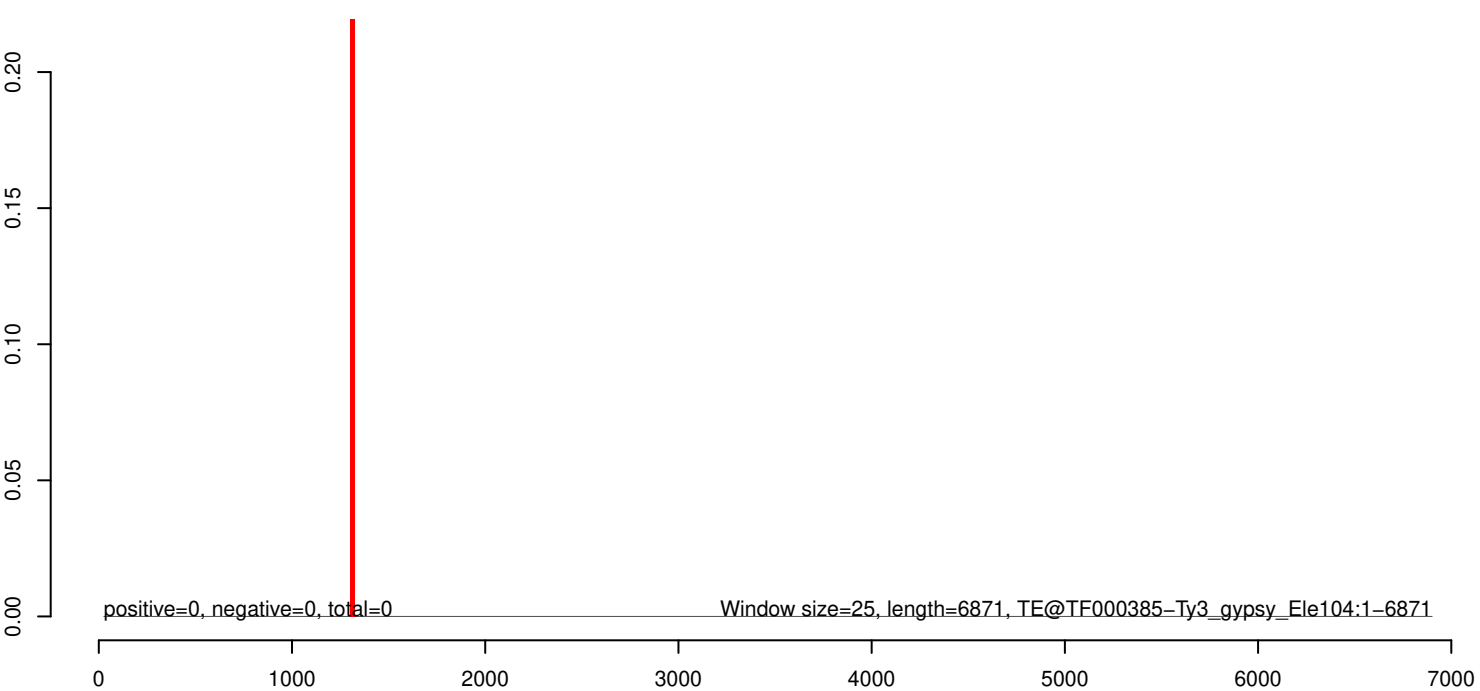
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



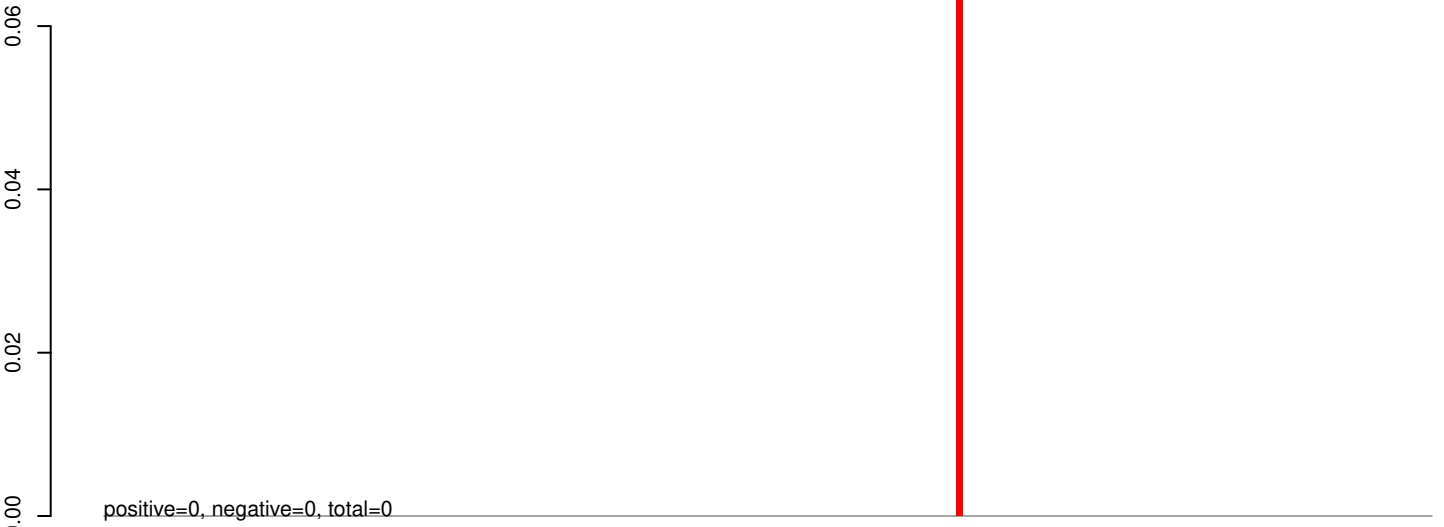
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



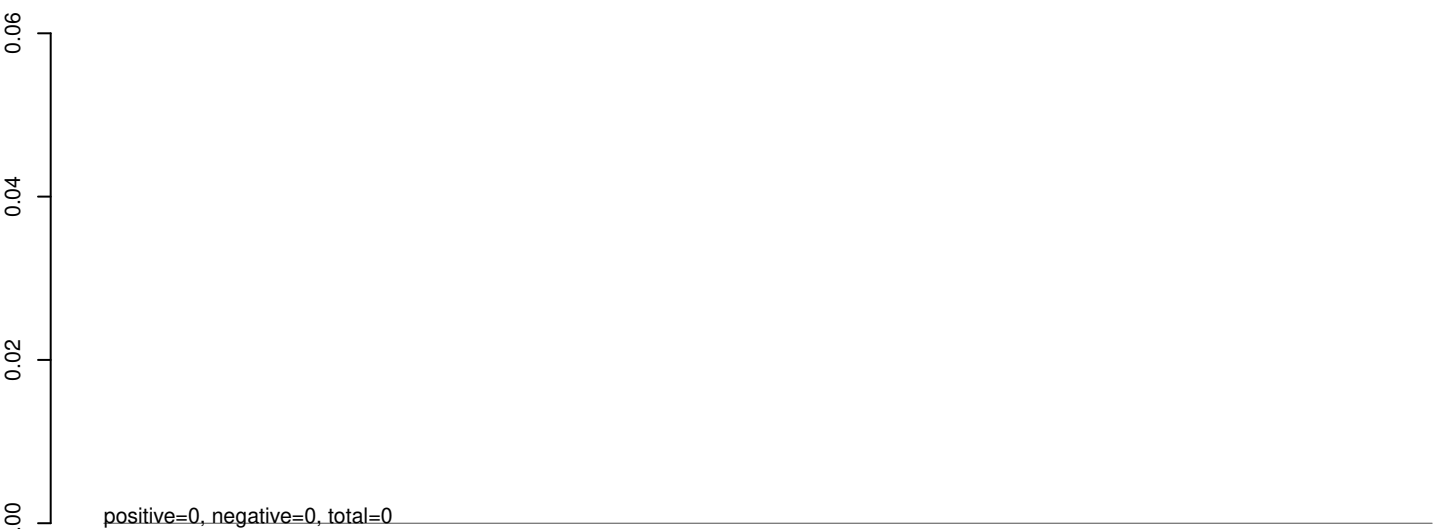
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

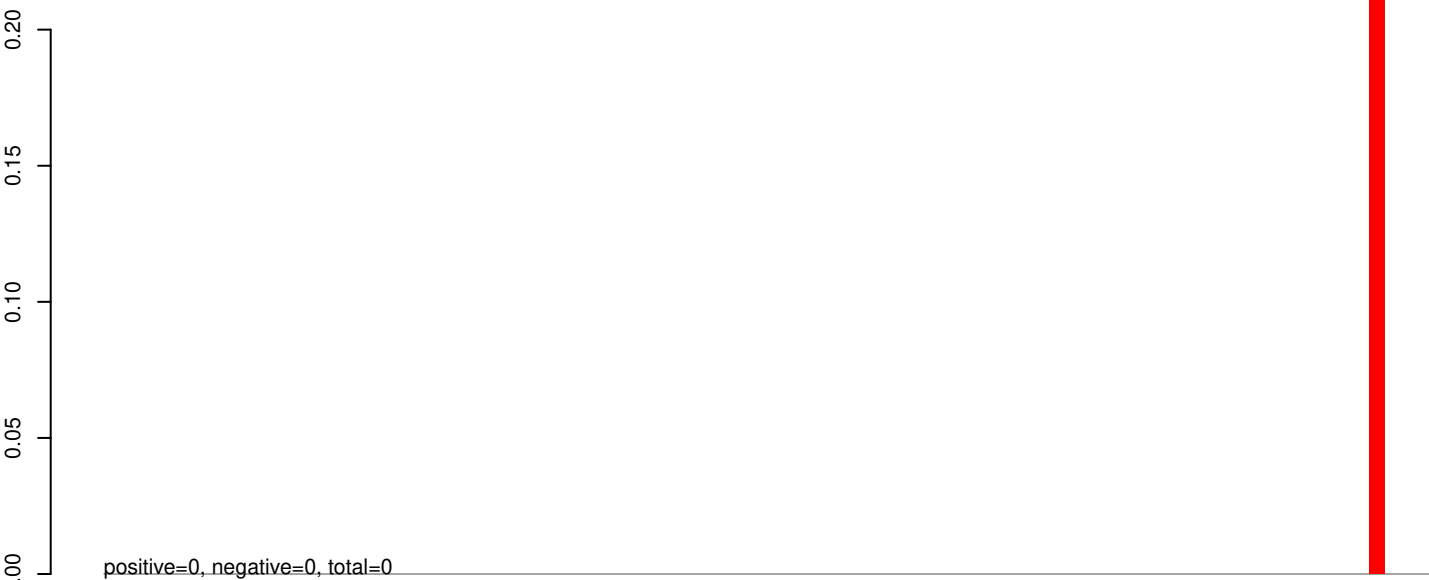


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

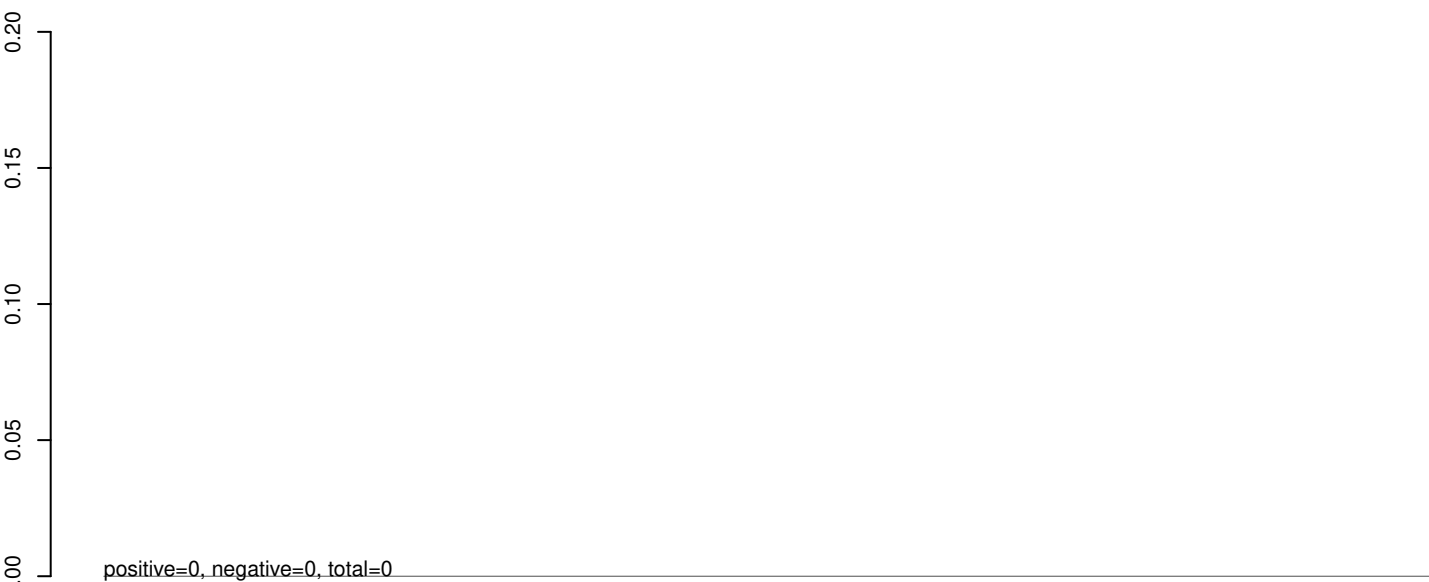


0 1000 2000 3000 4000 5000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

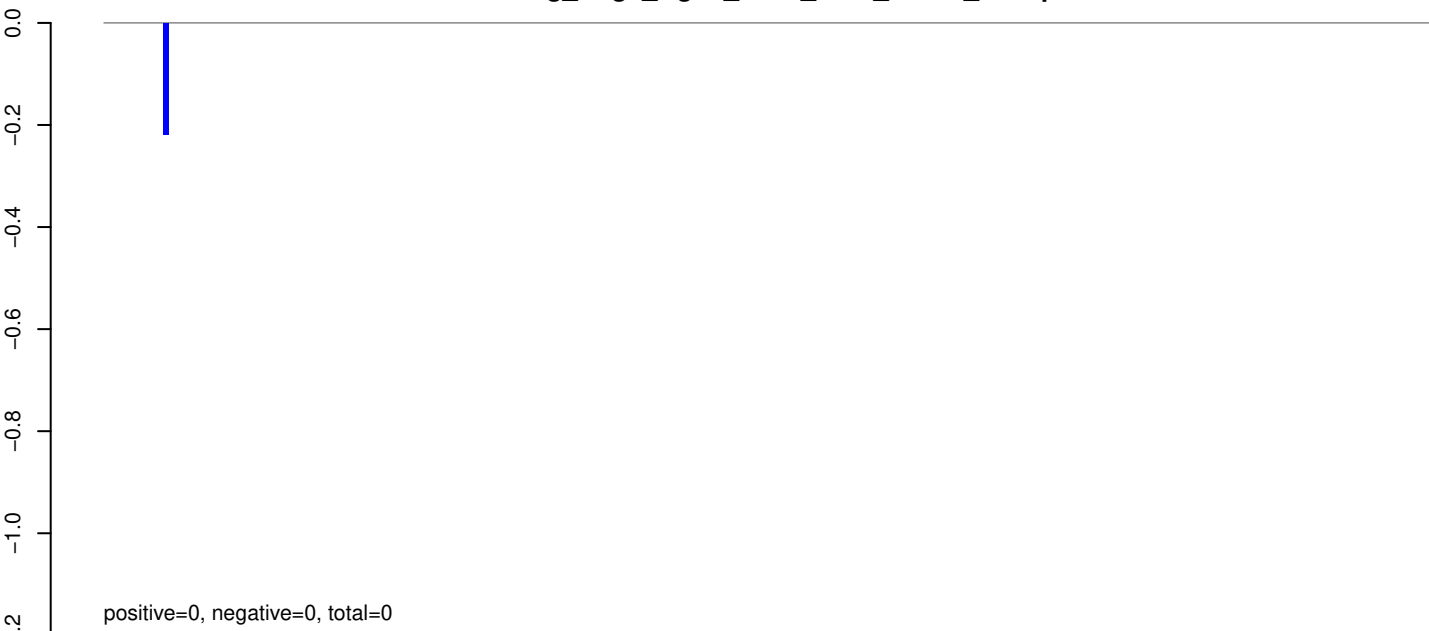


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

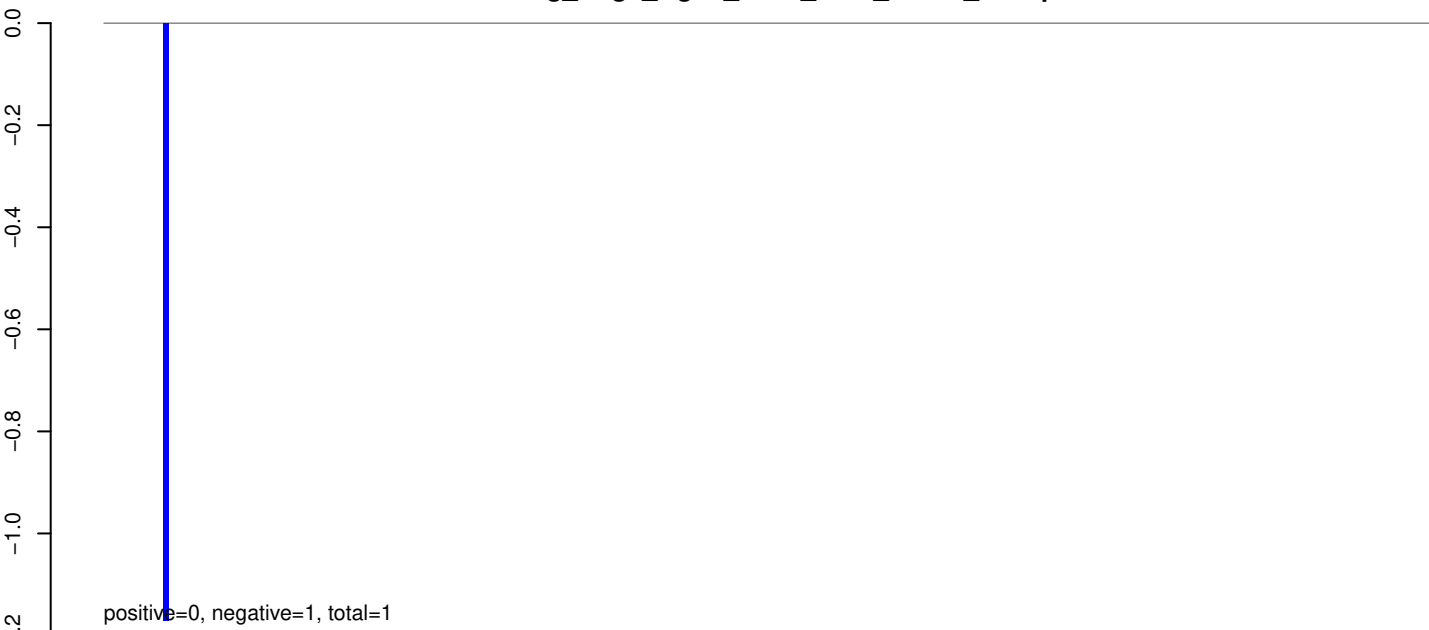




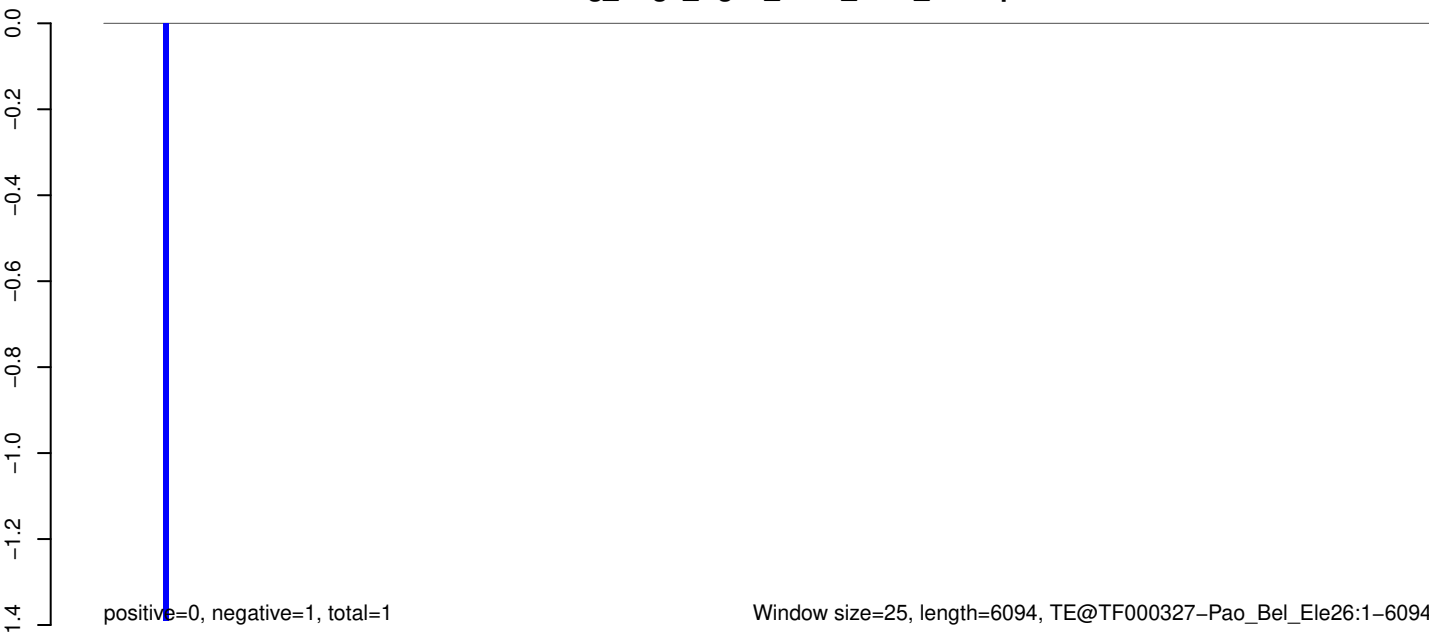
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



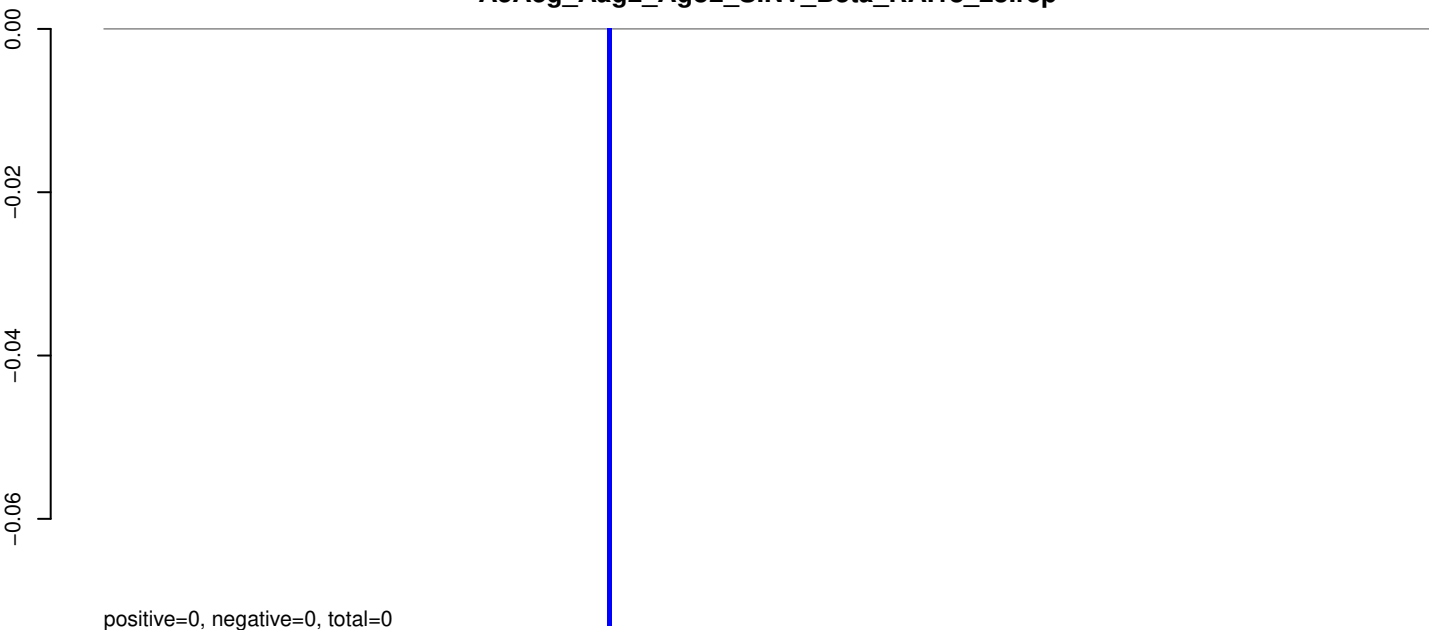
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

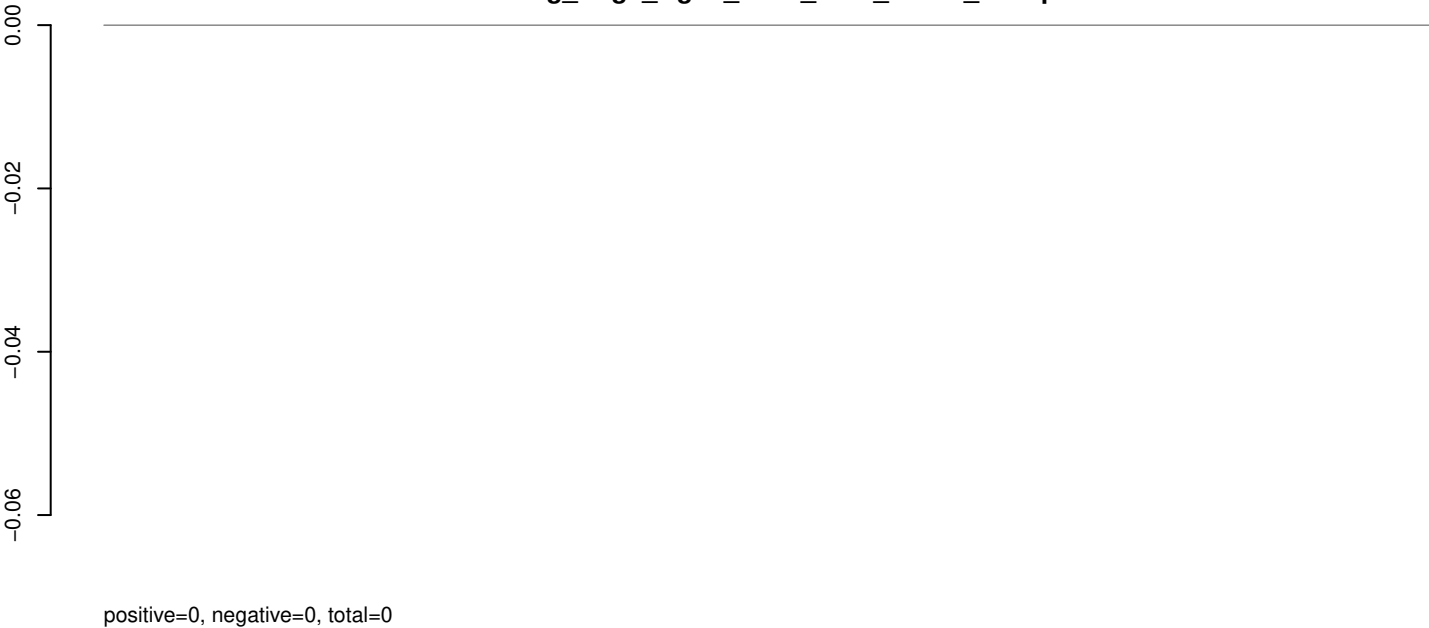


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



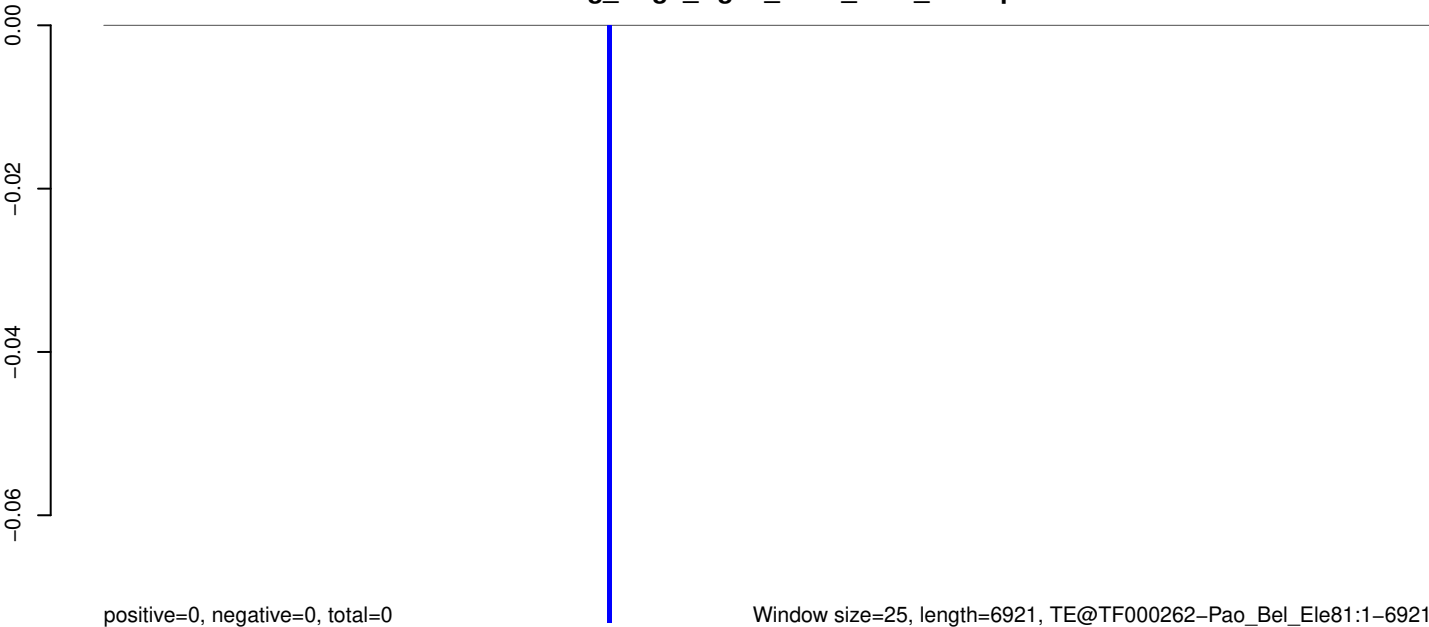
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



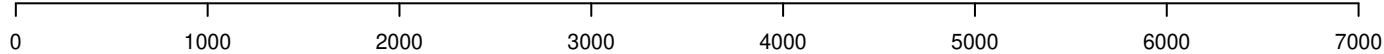
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

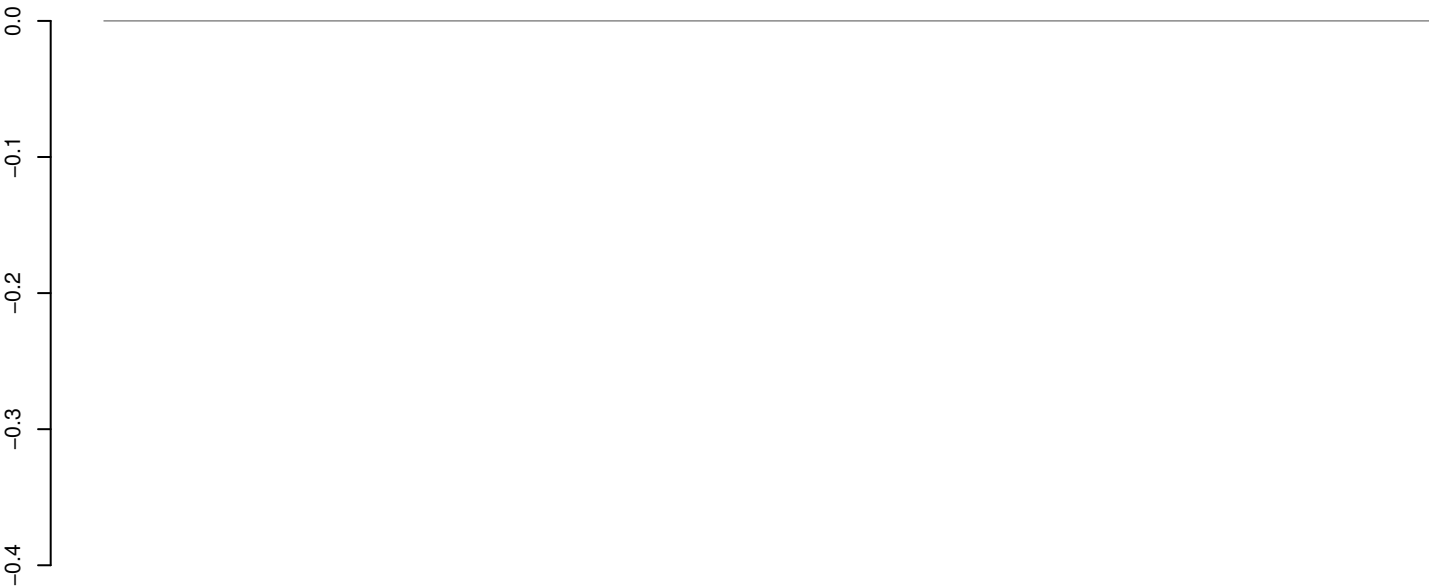


positive=0, negative=0, total=0

Window size=25, length=6921, TE@TF000262-Pao\_Bel\_Ele81:1-6921

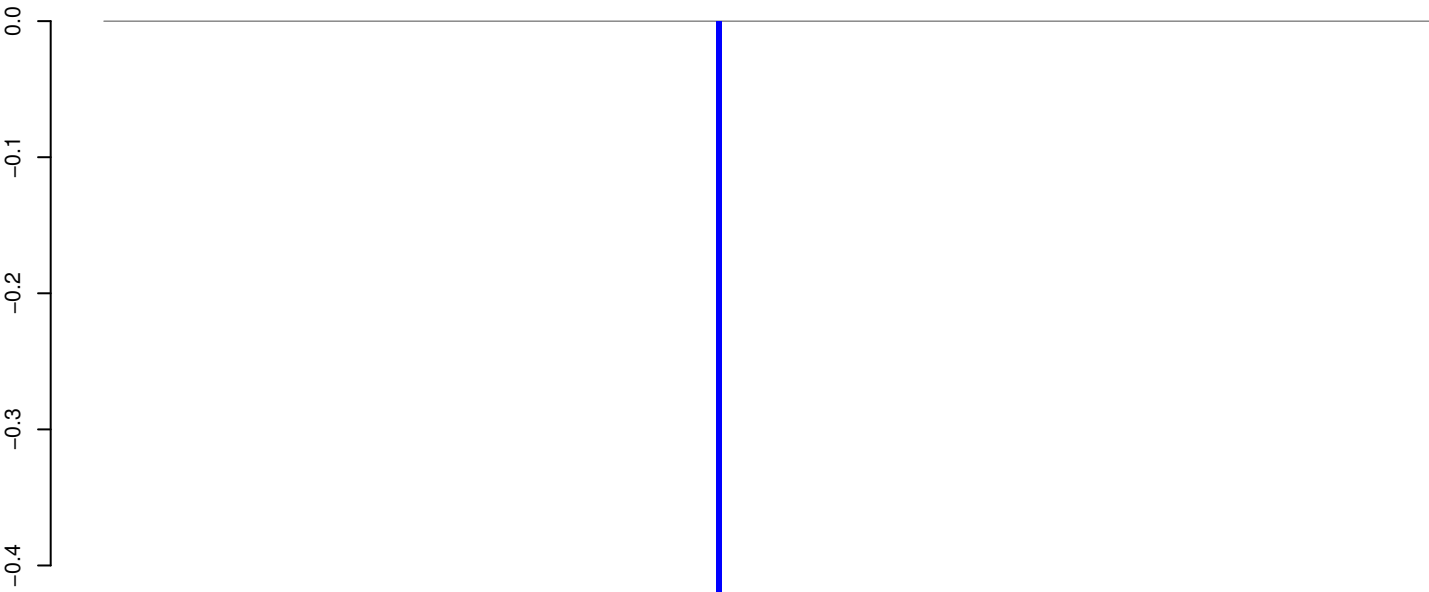


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



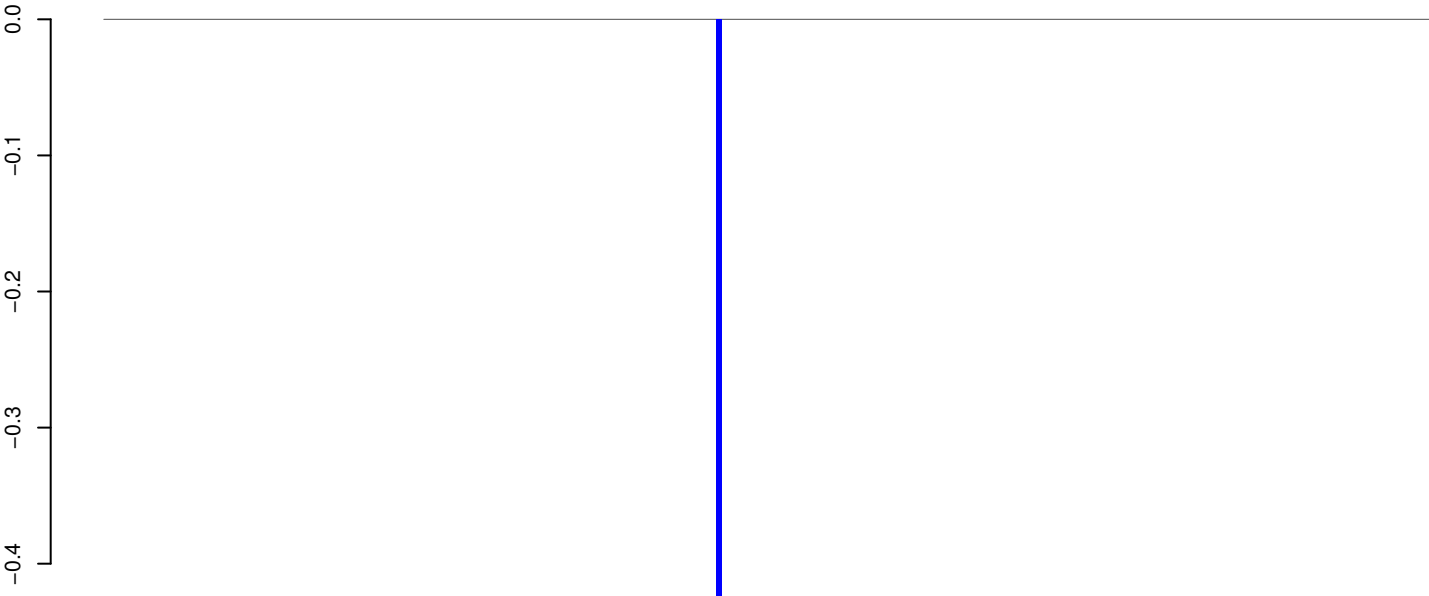
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



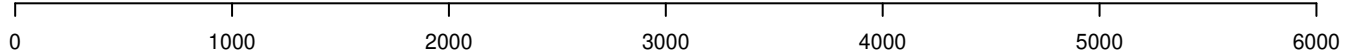
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

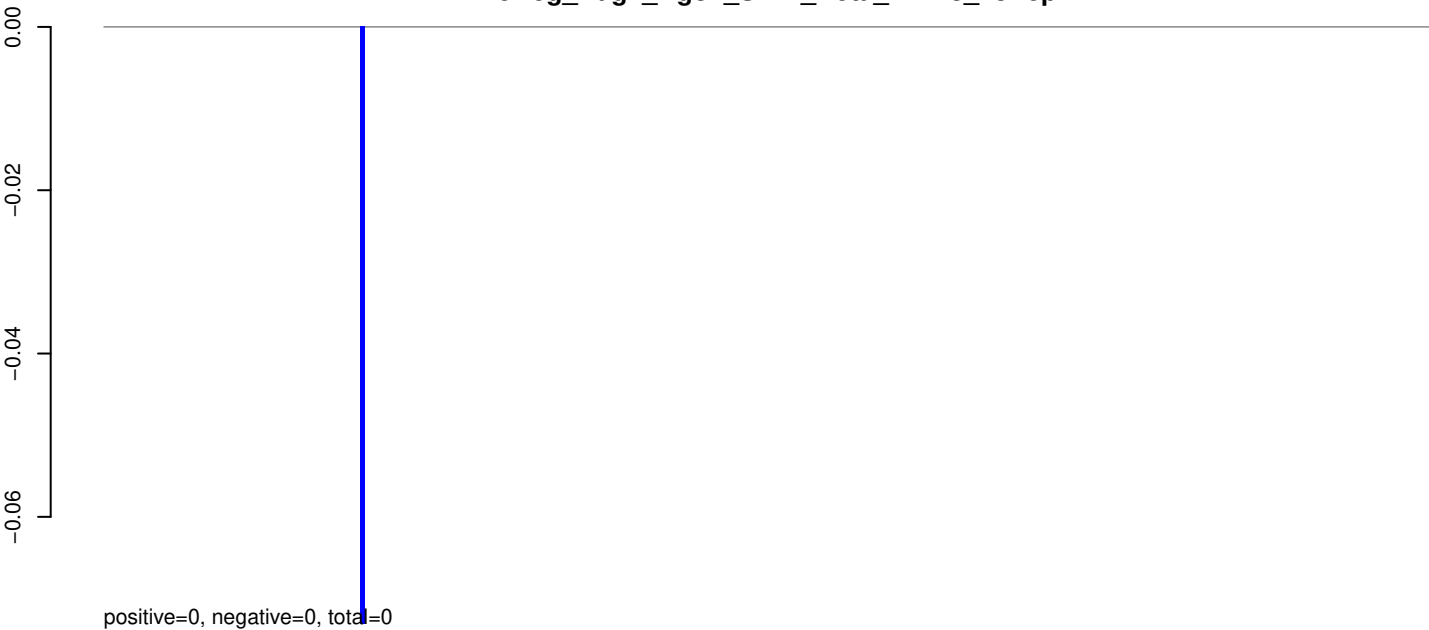


positive=0, negative=0, total=0

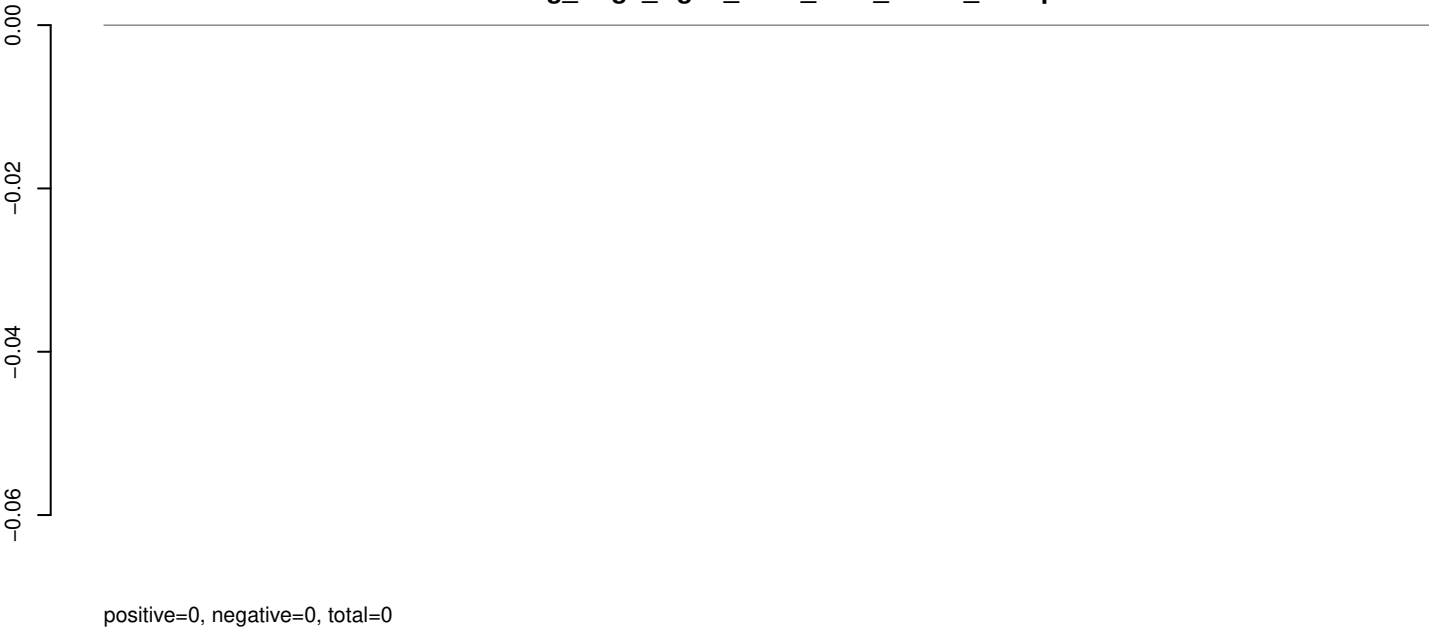
Window size=25, length=6118, TE@TF000256-Pao\_Bel\_Ele69:1-6118



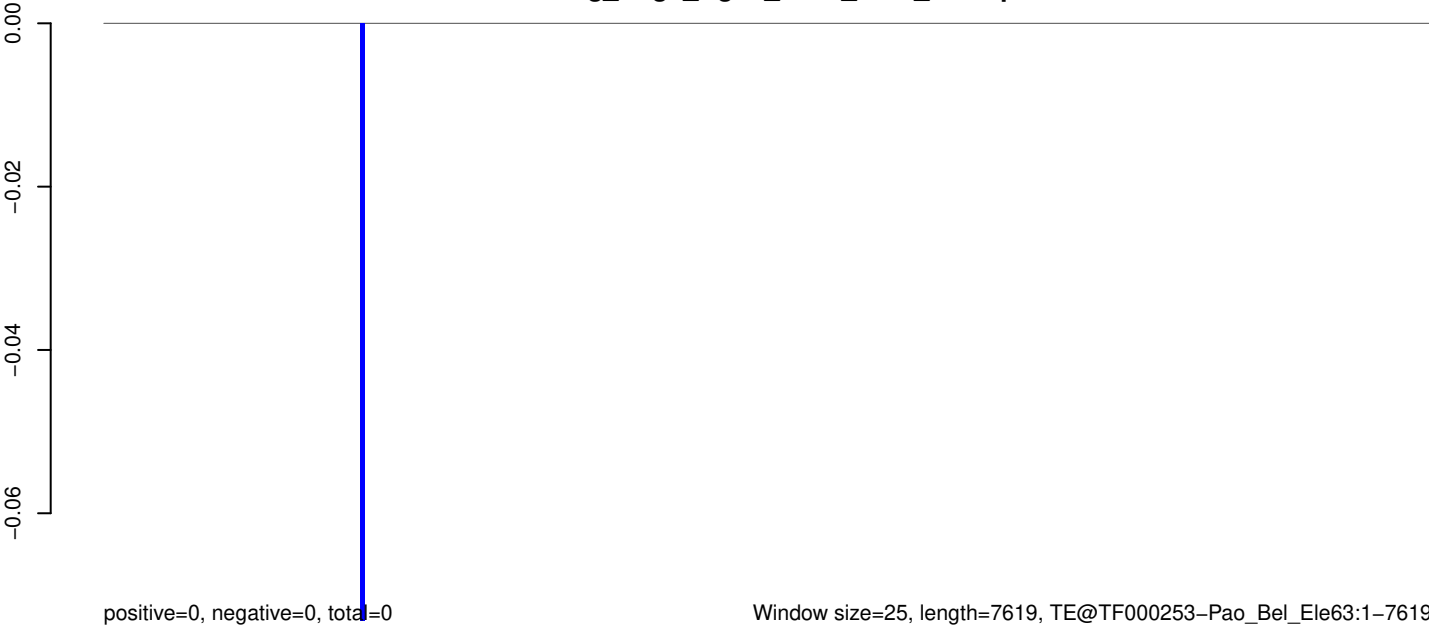
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



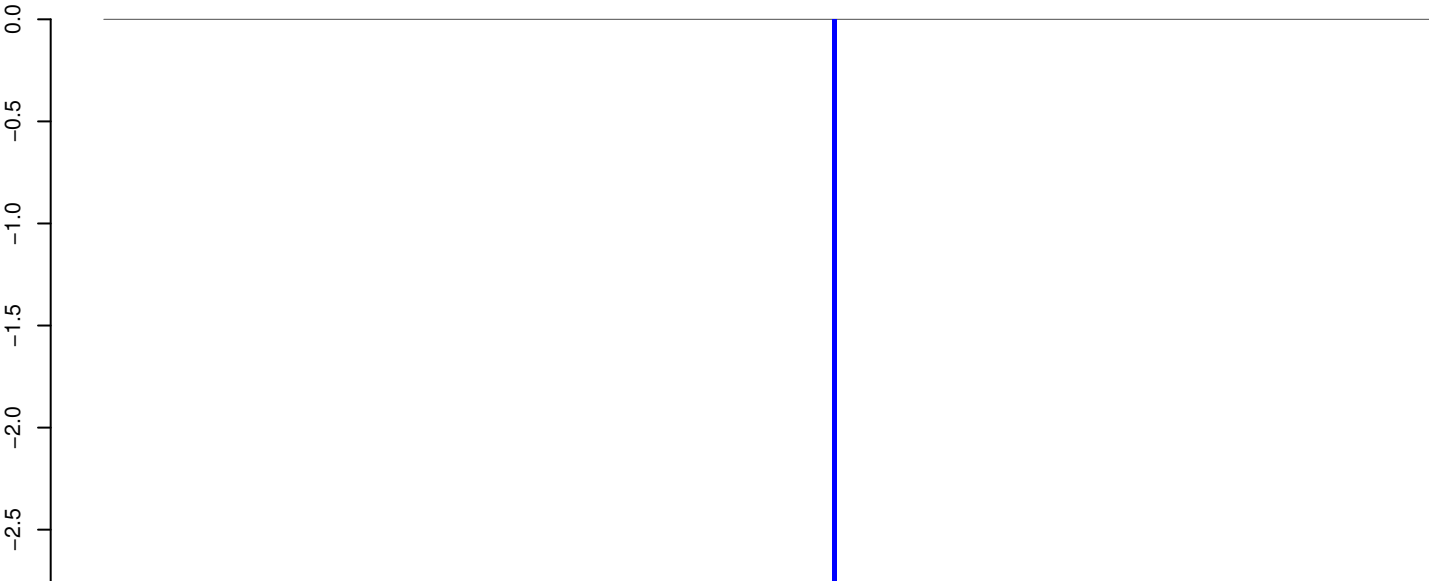
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=3, total=3

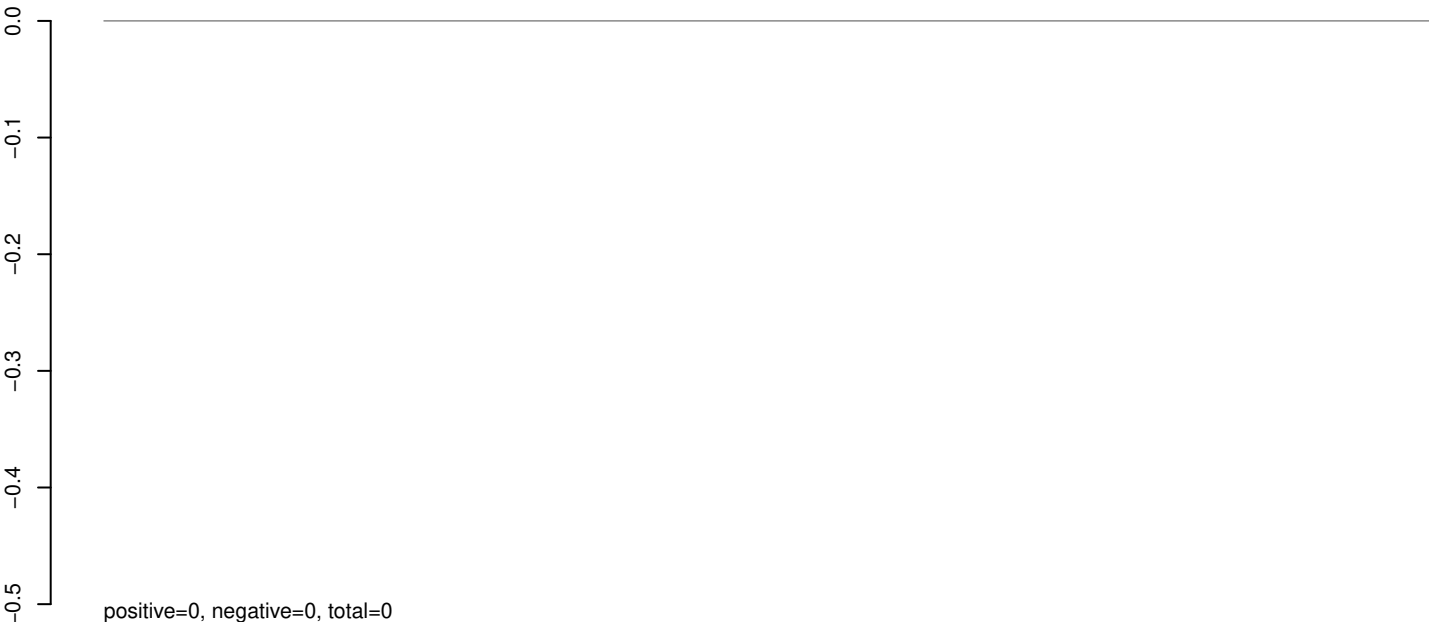
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



positive=0, negative=3, total=3

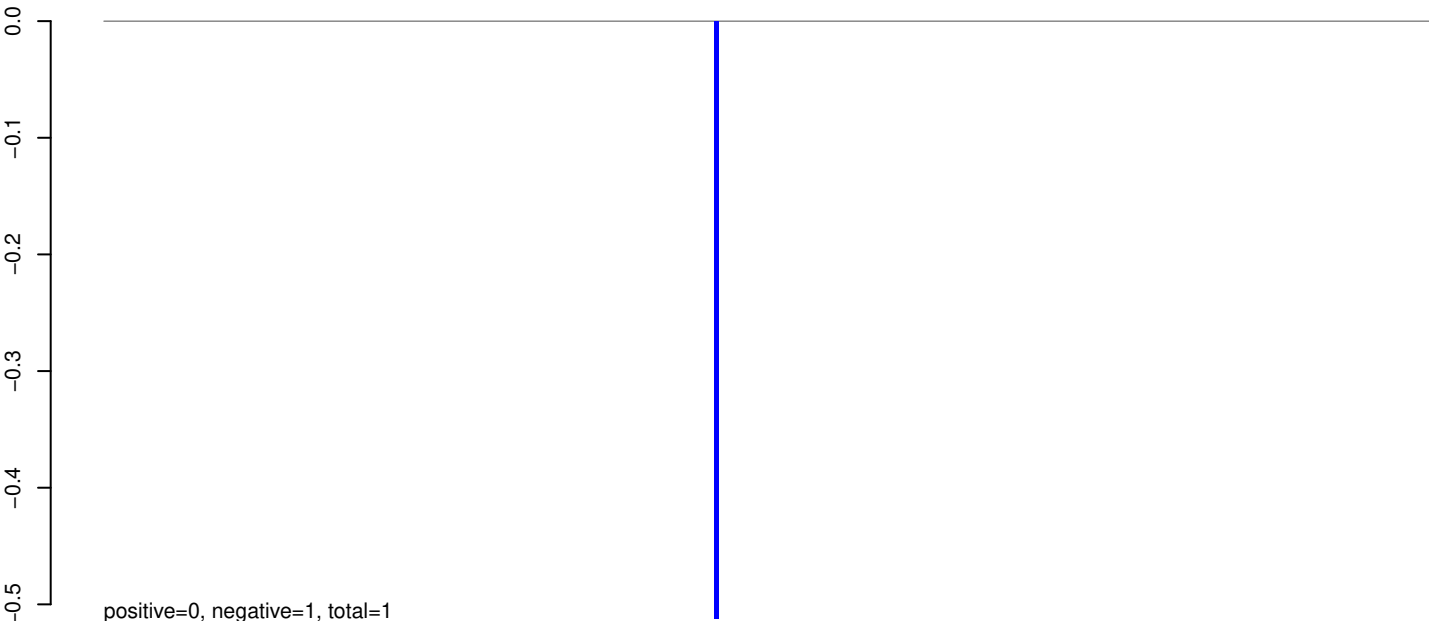
Window size=25, length=7730, TE@TF000245-Pao\_Bel\_Ele47:1-7730

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

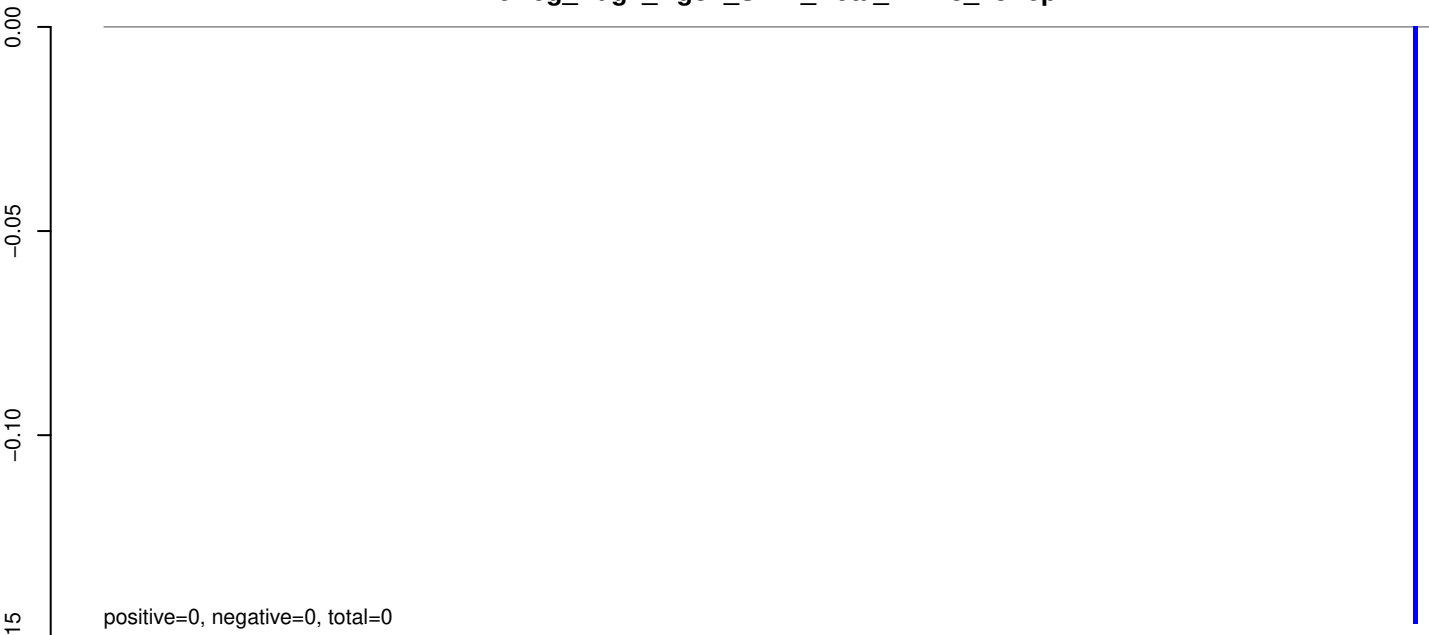


positive=0, negative=1, total=1

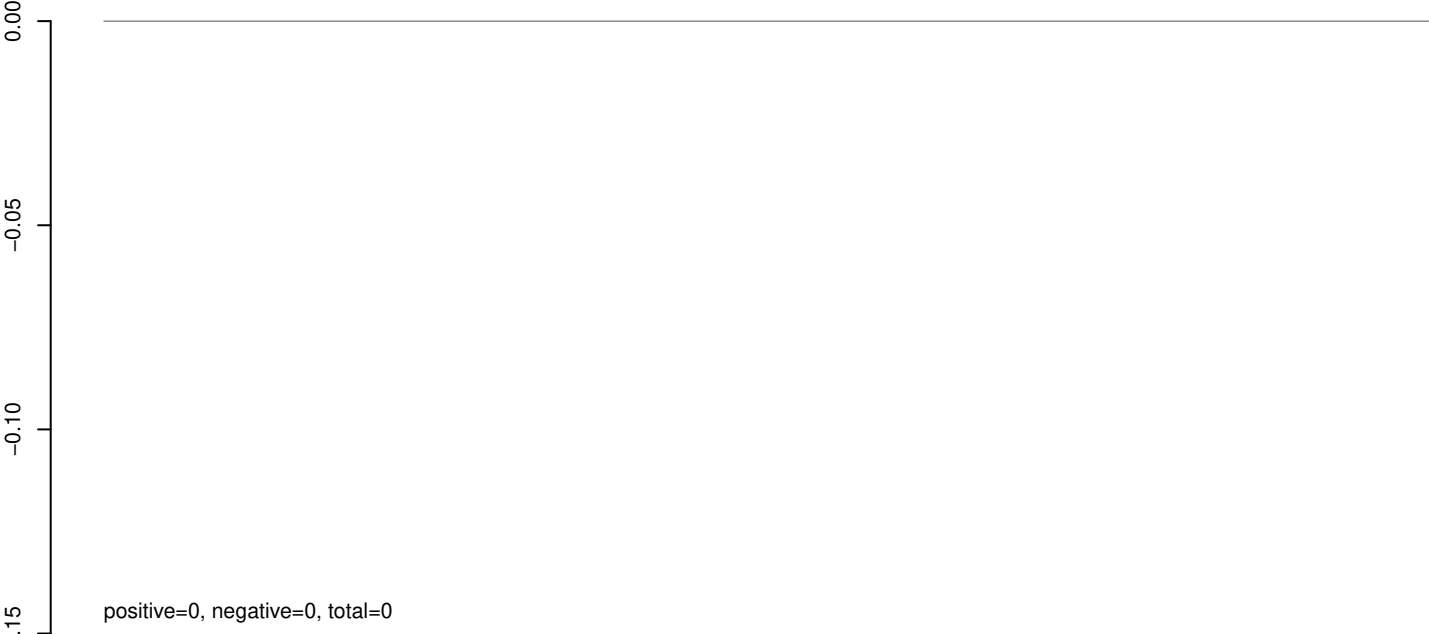
Window size=25, length=6744, TE@TF000229-Pao\_Bel\_Ele13:1-6744

0 1000 2000 3000 4000 5000 6000 7000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



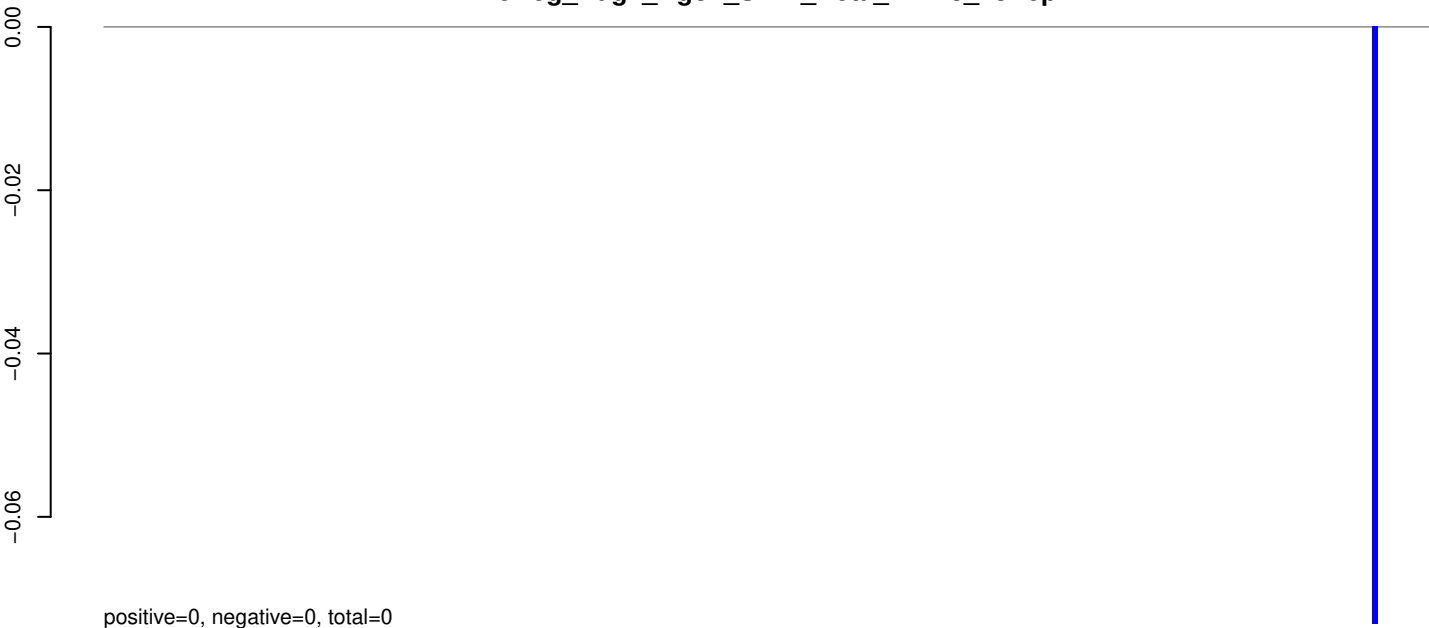
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



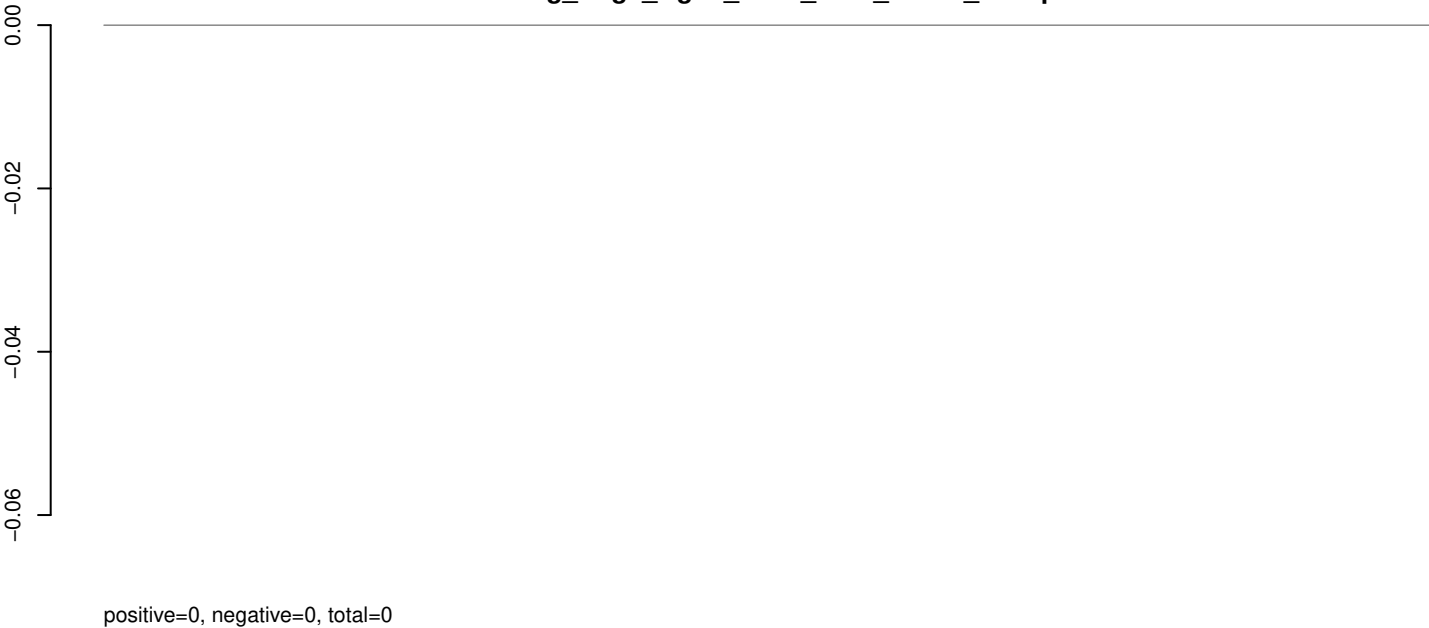
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

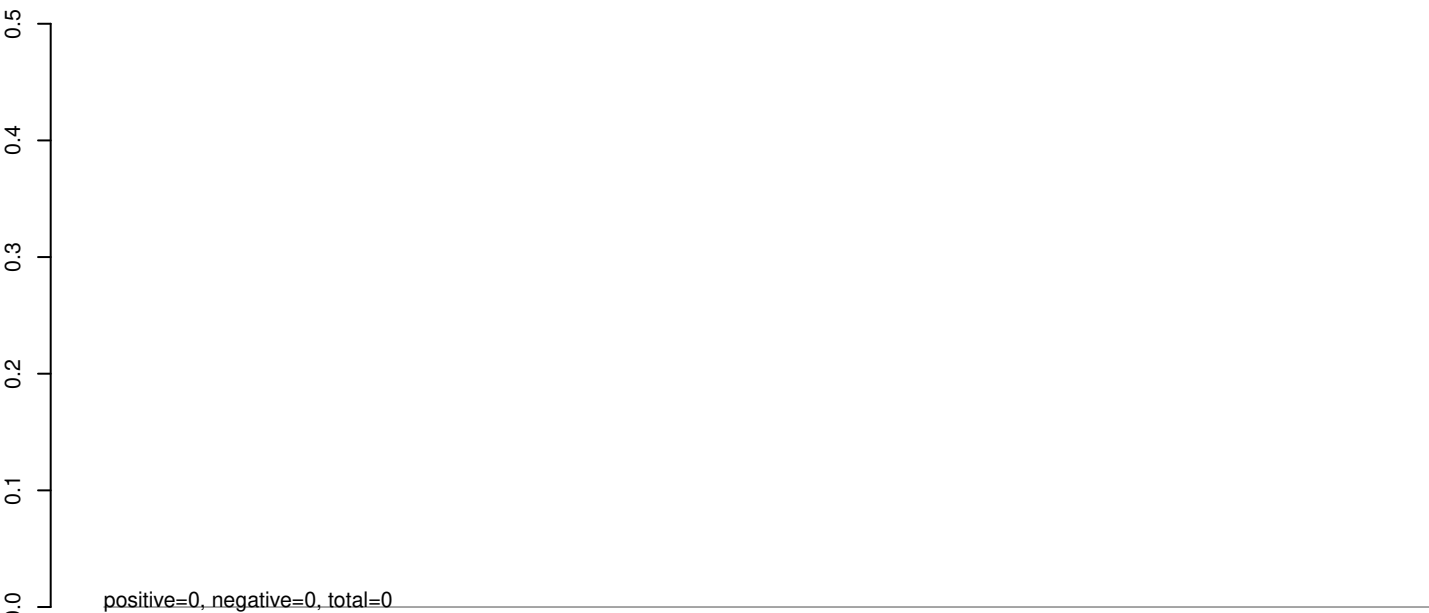


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**





**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



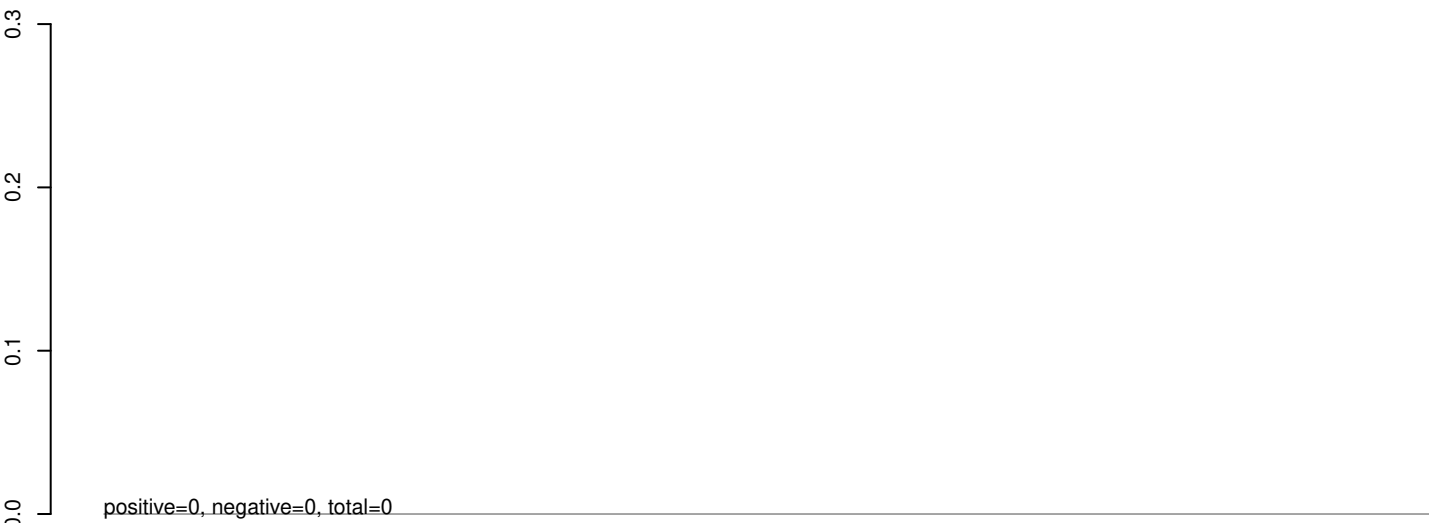
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=5417, TE@TF000172-Outcast\_Ele7:1-5417

0 1000 2000 3000 4000 5000

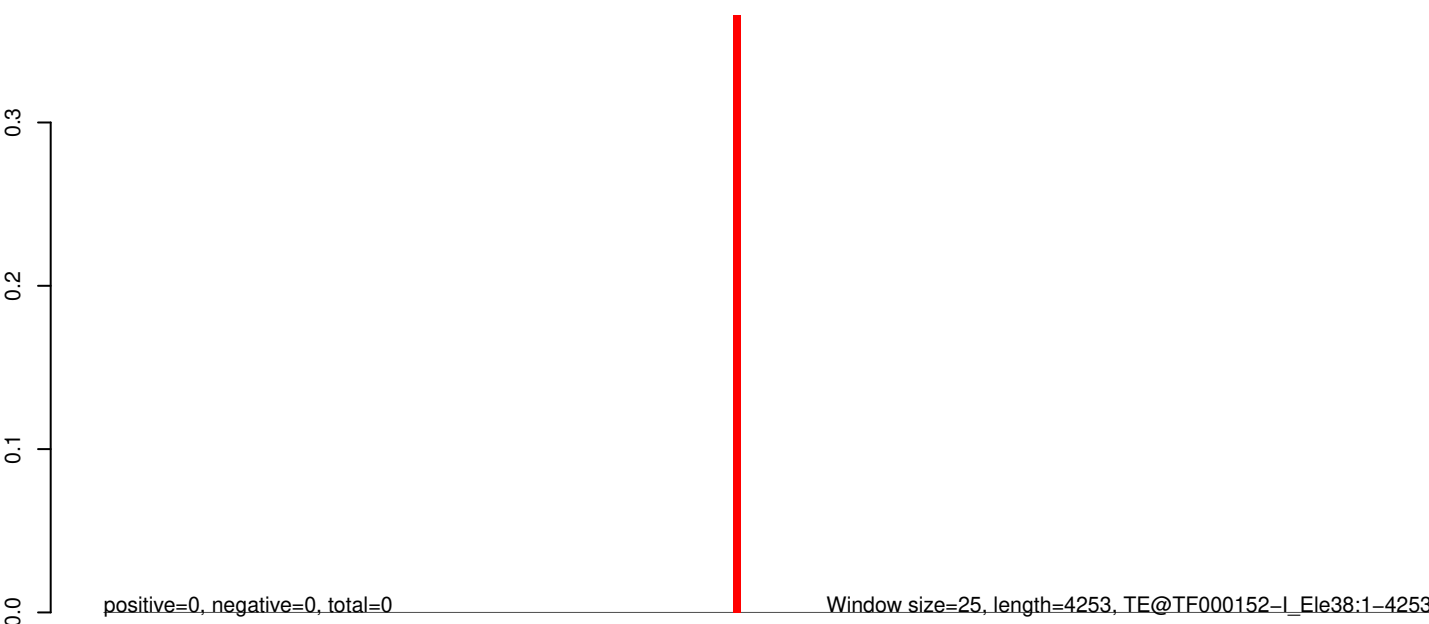
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



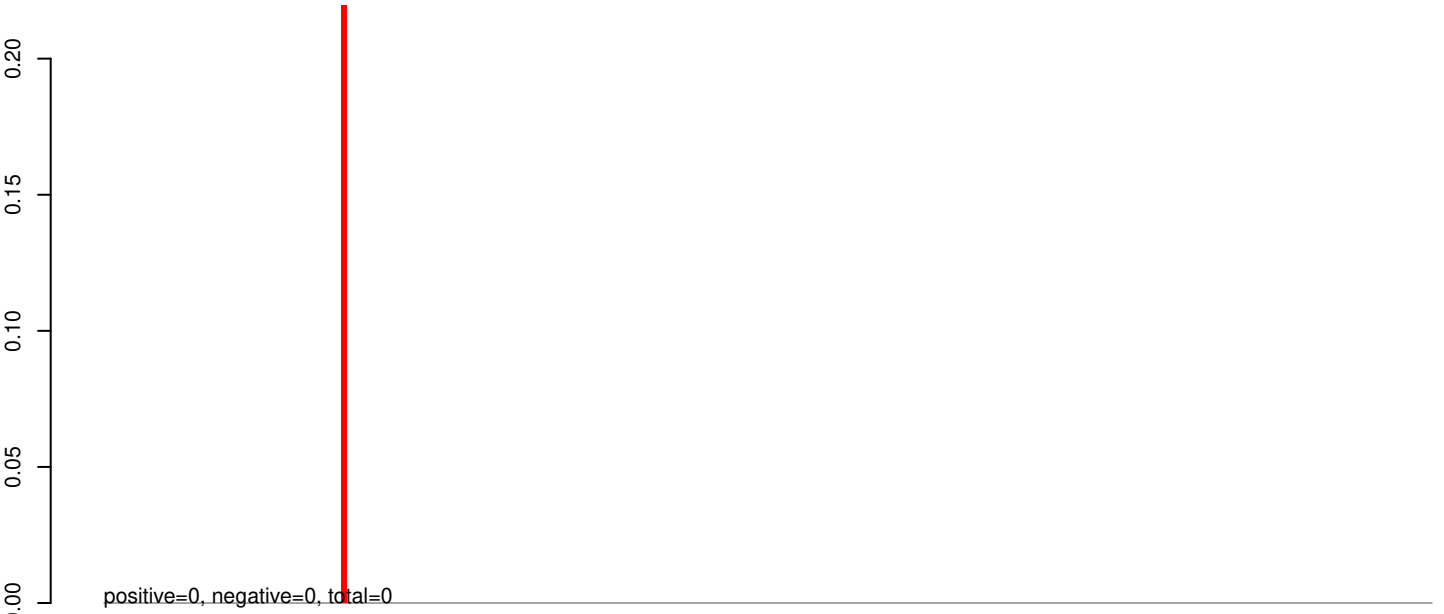
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



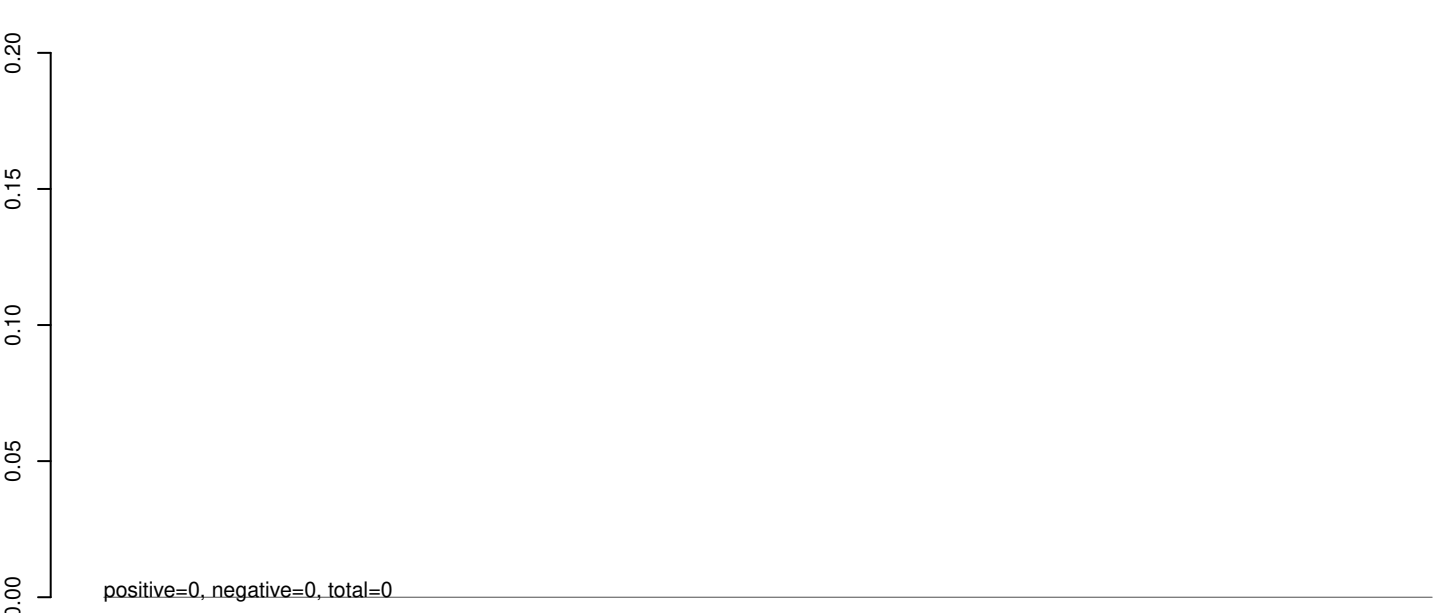
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



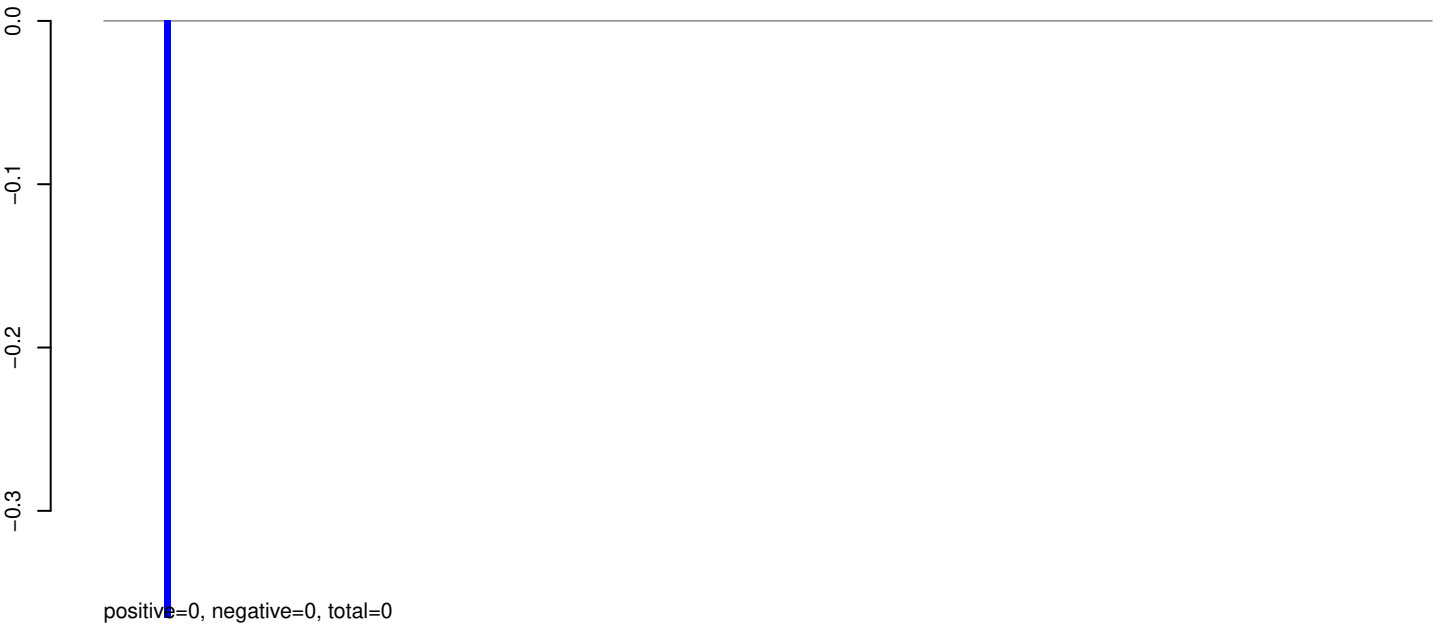
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



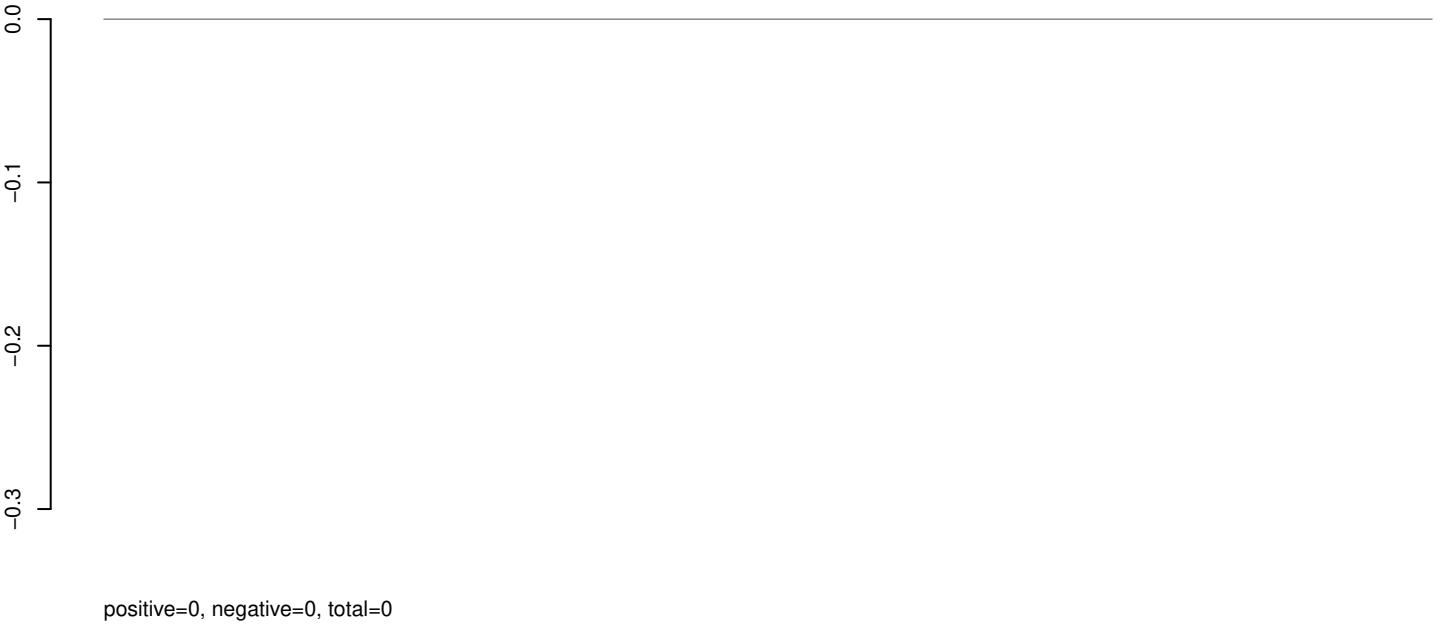
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



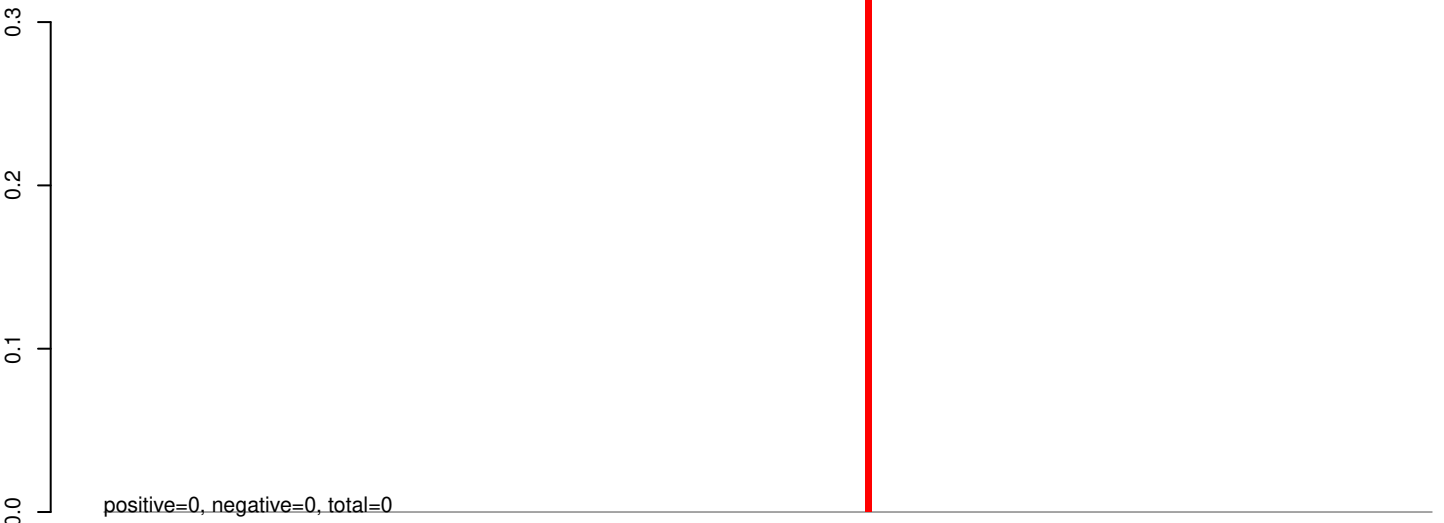
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



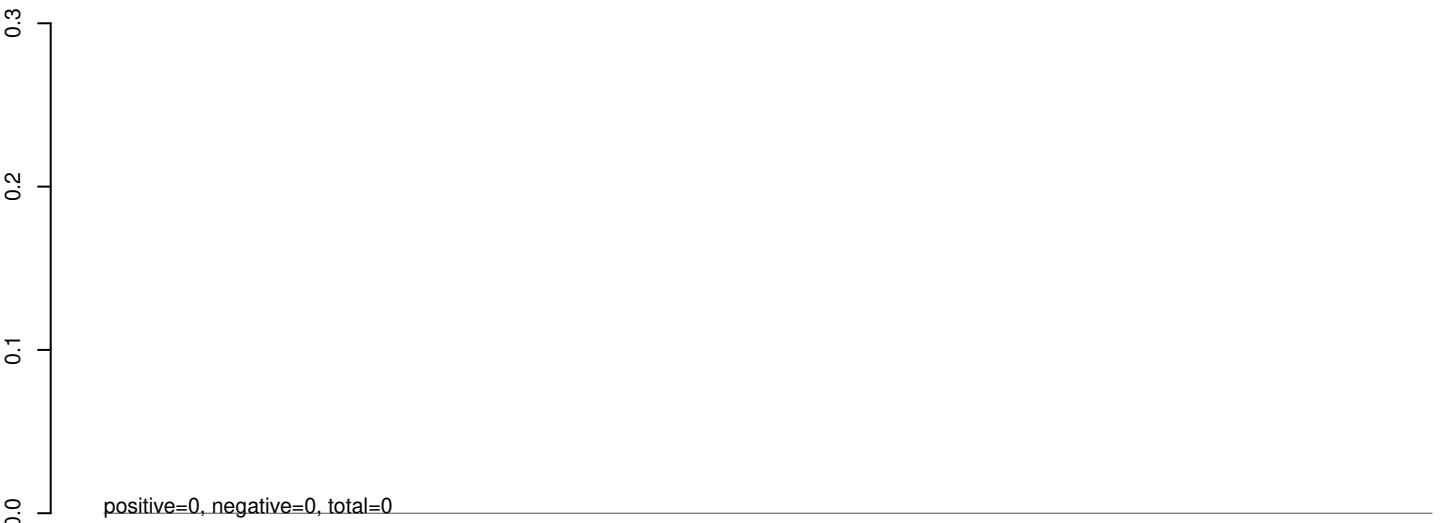
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



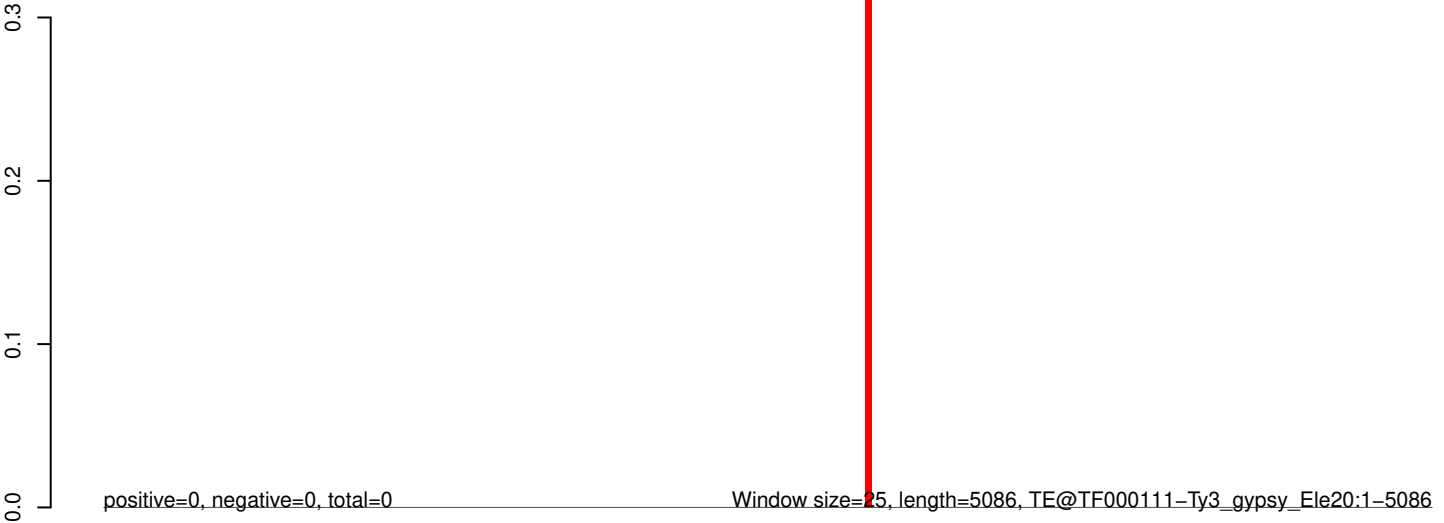
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



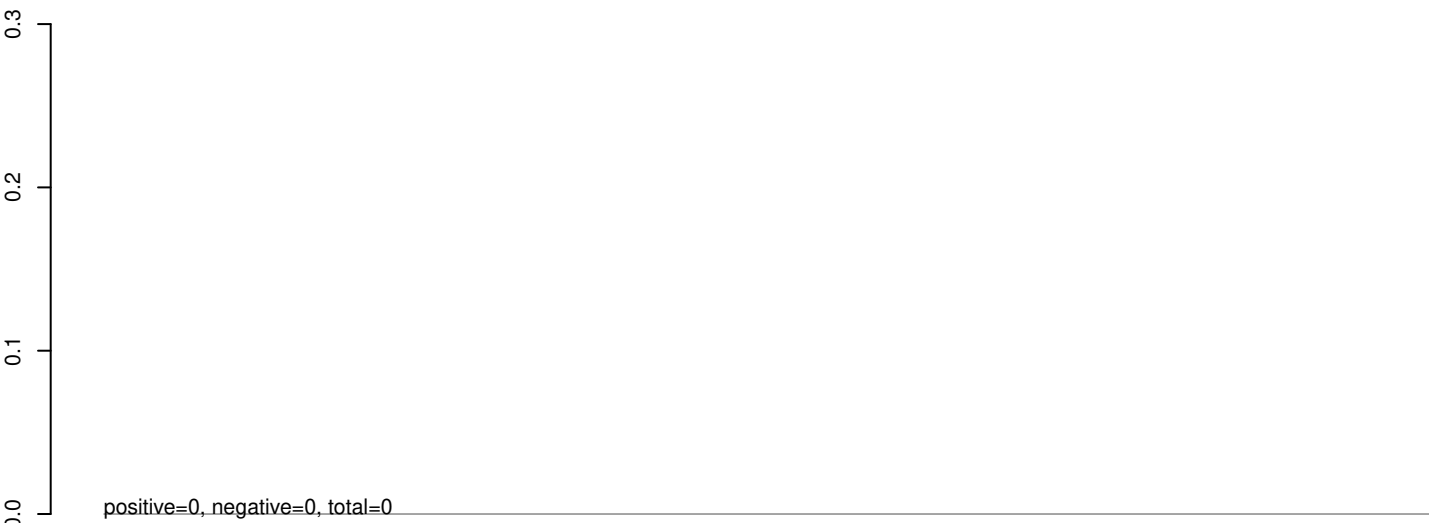
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



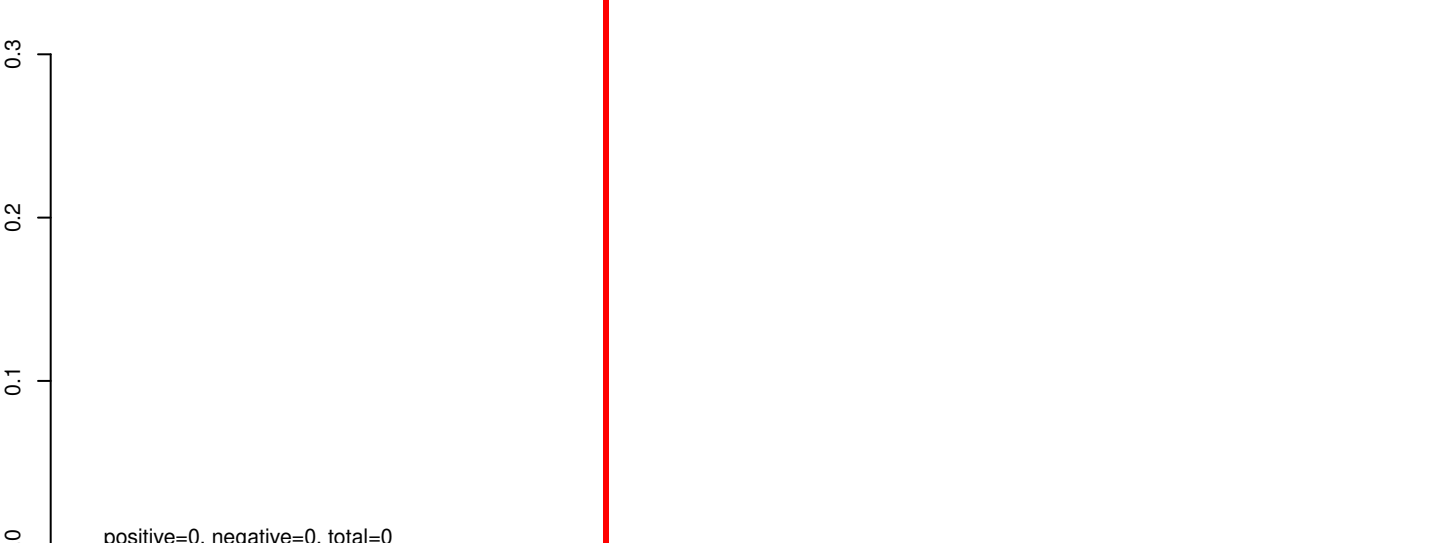
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



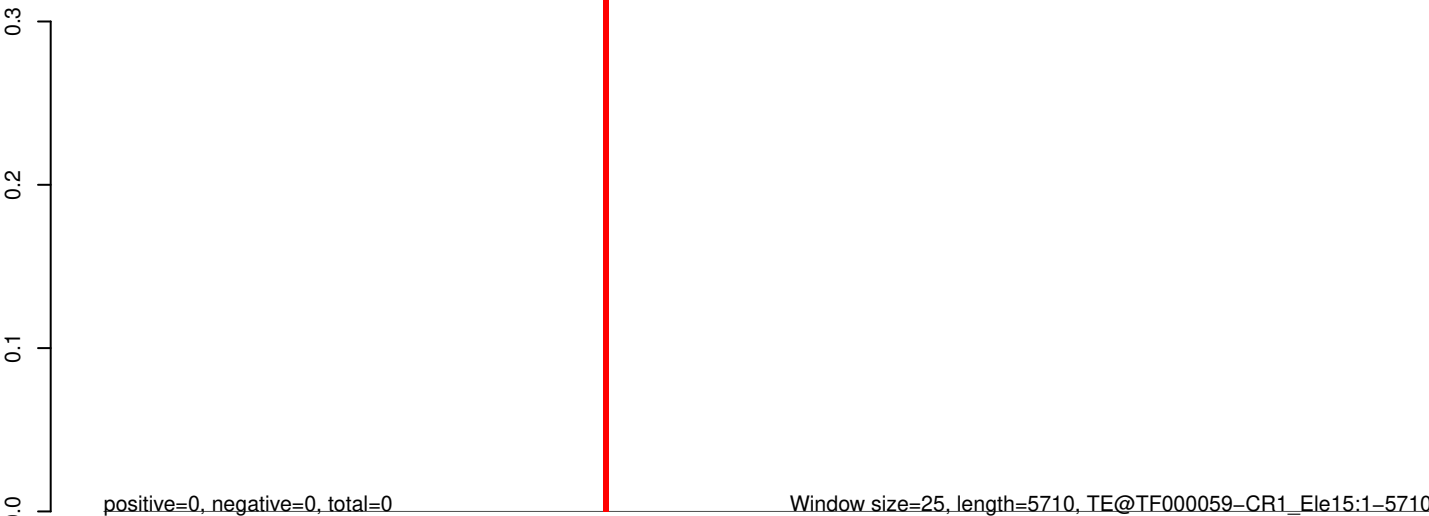
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.15  
0.10  
0.05  
0.00

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.15  
0.10  
0.05  
0.00

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

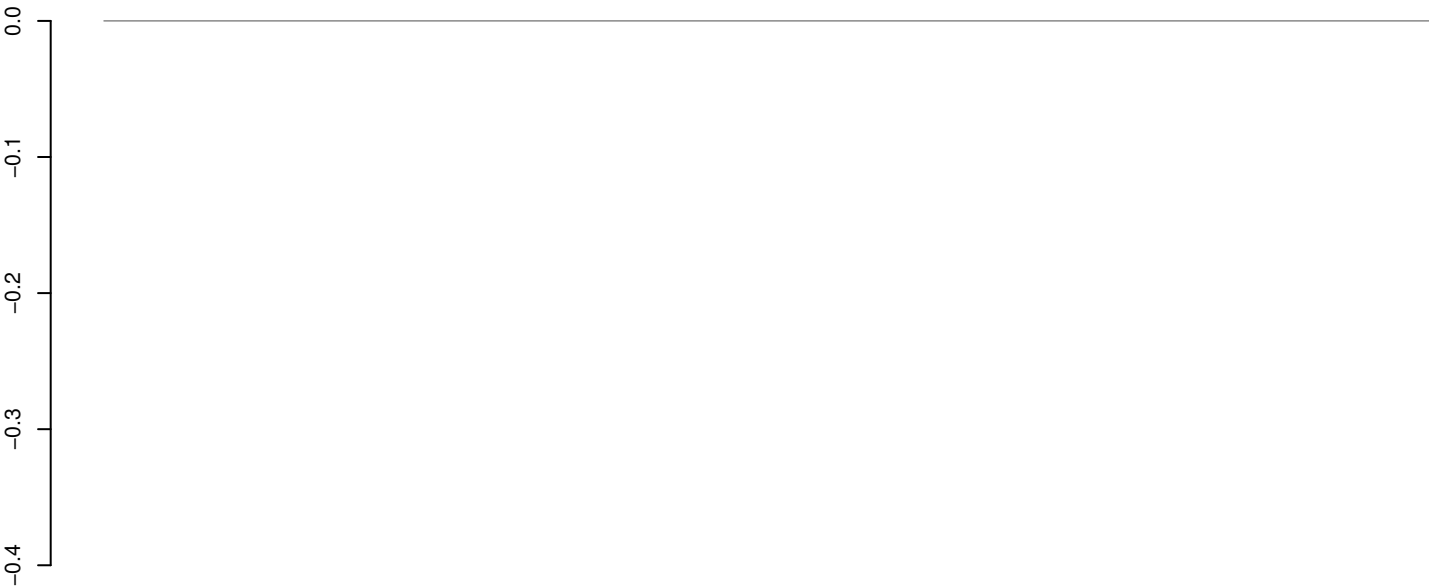
0.15  
0.10  
0.05  
0.00

positive=0, negative=0, total=0

Window size=25, length=4908, TE@TF000058-L2\_Ele3:1-4908

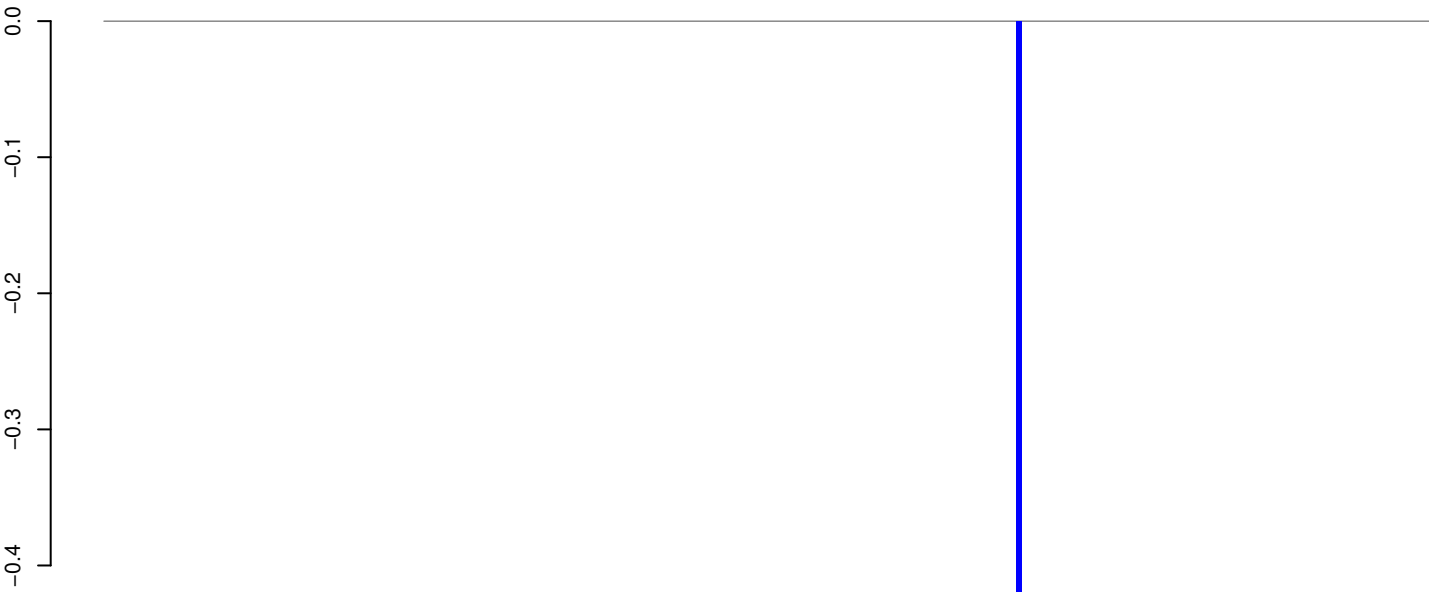
0 1000 2000 3000 4000 5000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



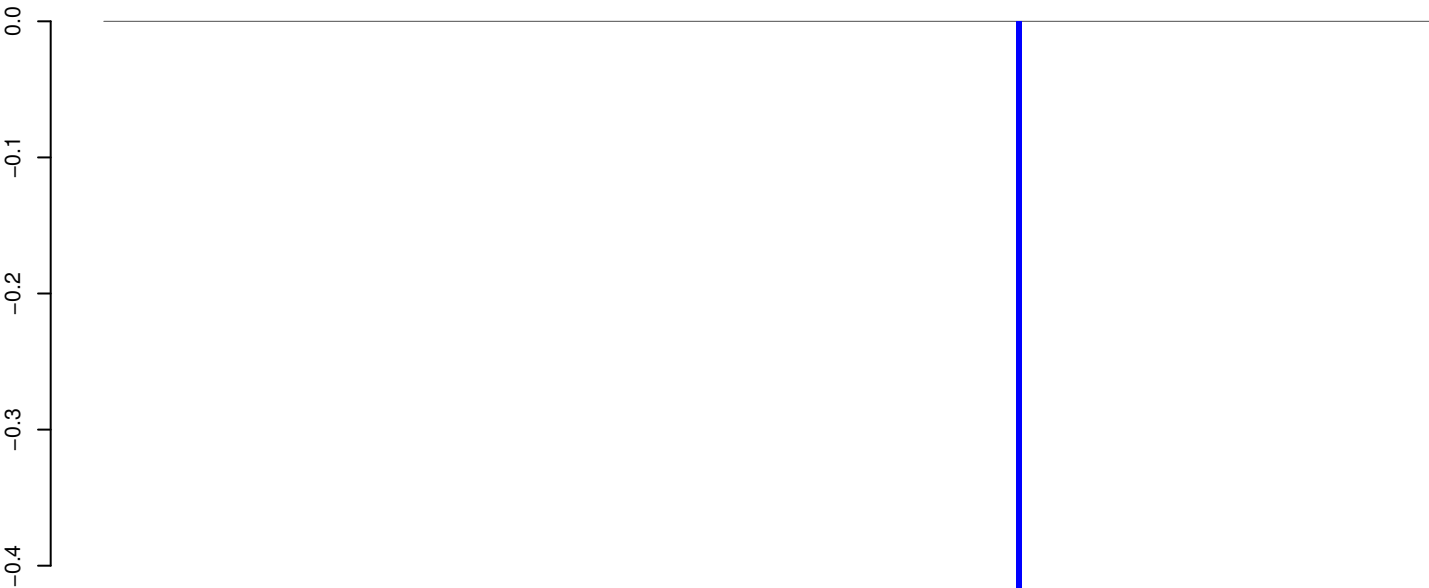
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



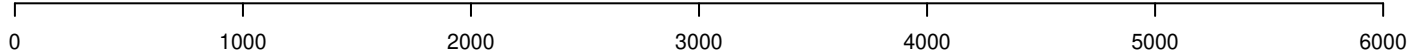
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



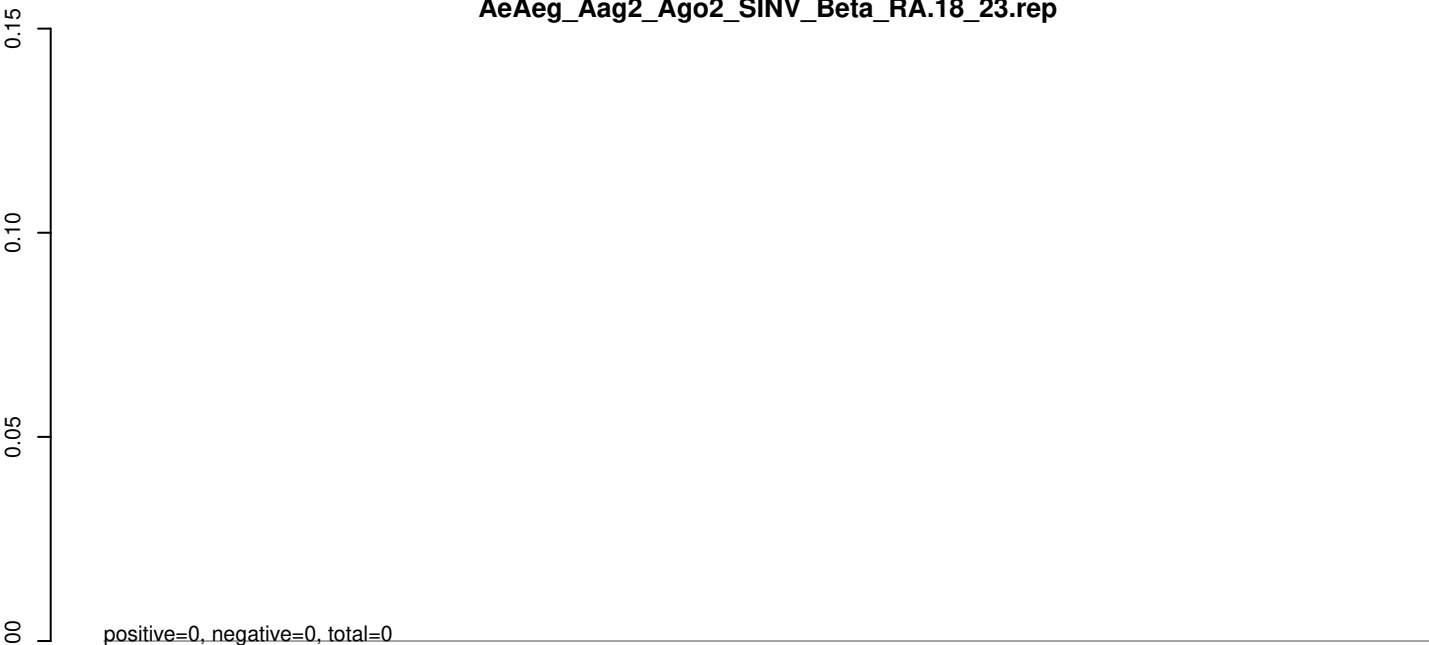
positive=0, negative=0, total=0

Window size=25, length=5810, TE@TF000050-Loner\_Ele4:1-5810

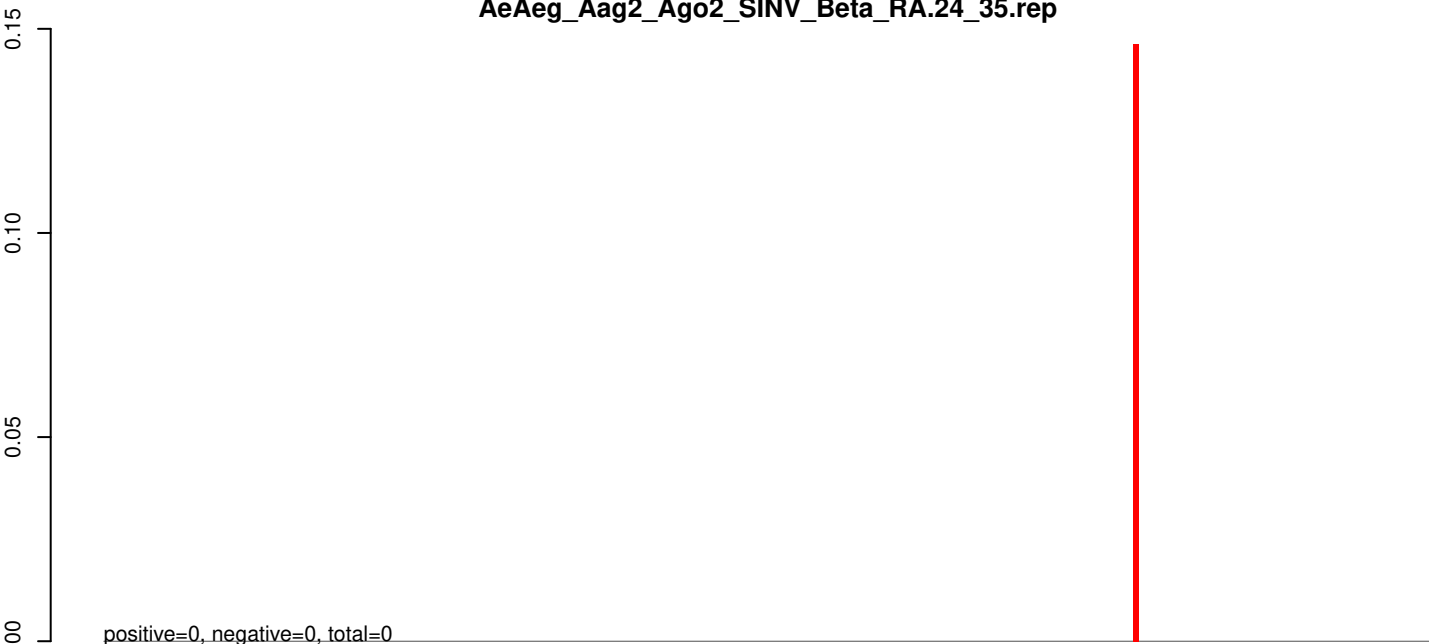




**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



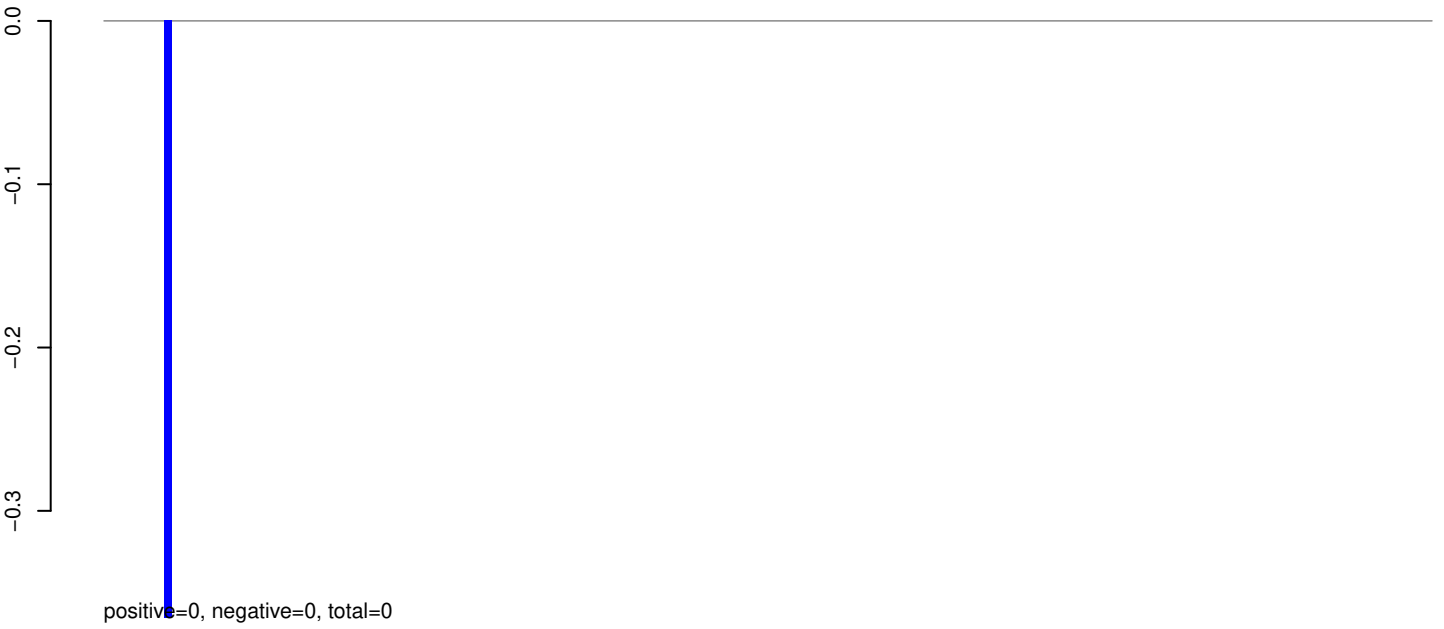
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



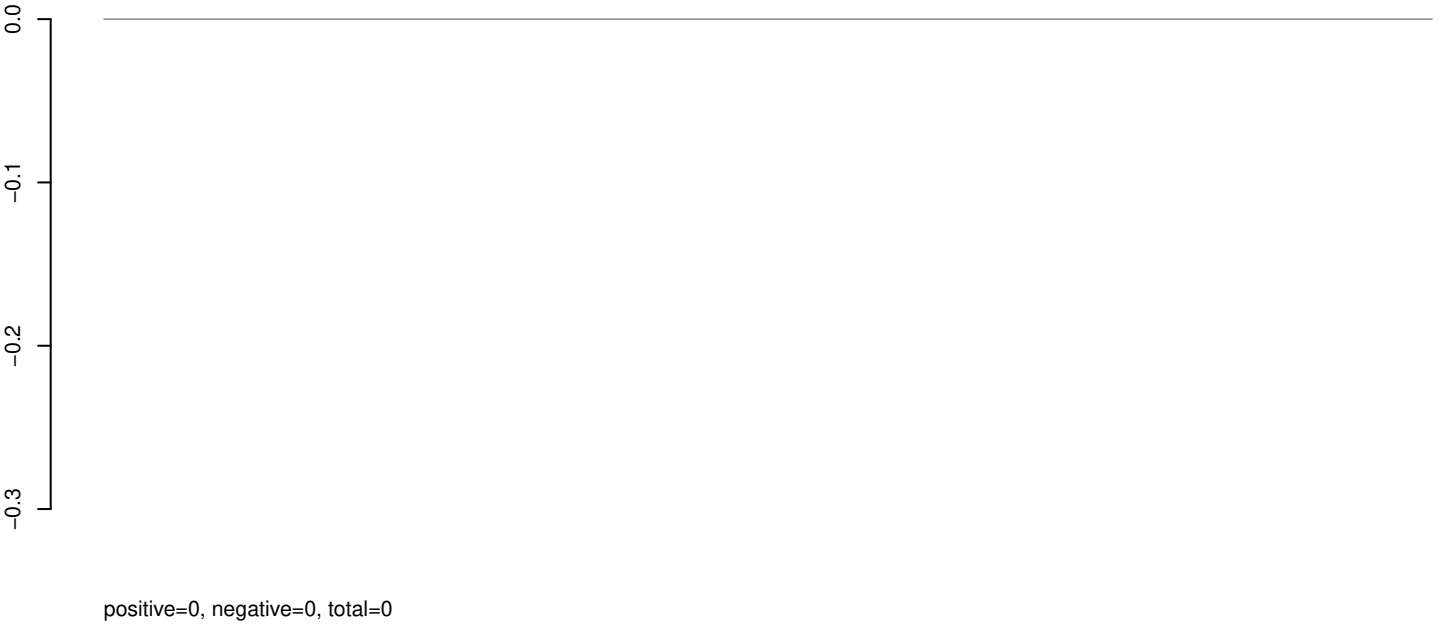
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



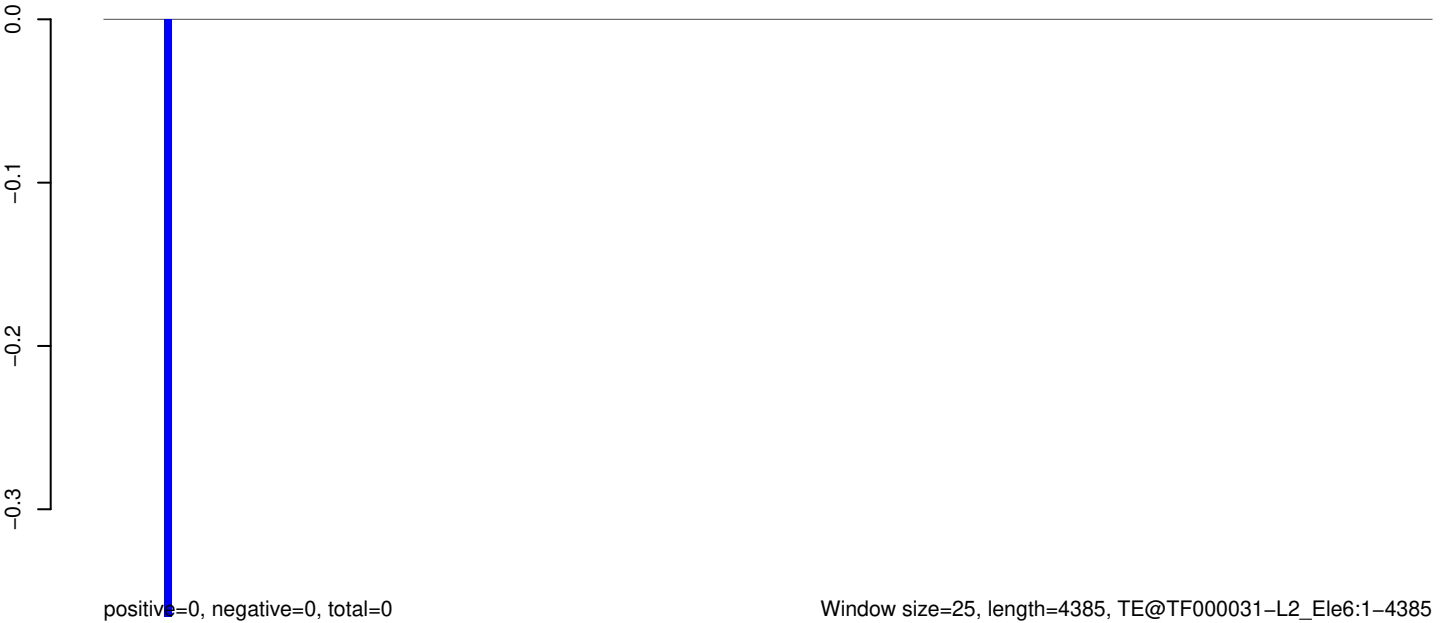
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.0  
-0.2  
-0.4  
-0.6

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.0  
-0.2  
-0.4  
-0.6

positive=0, negative=1, total=1

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

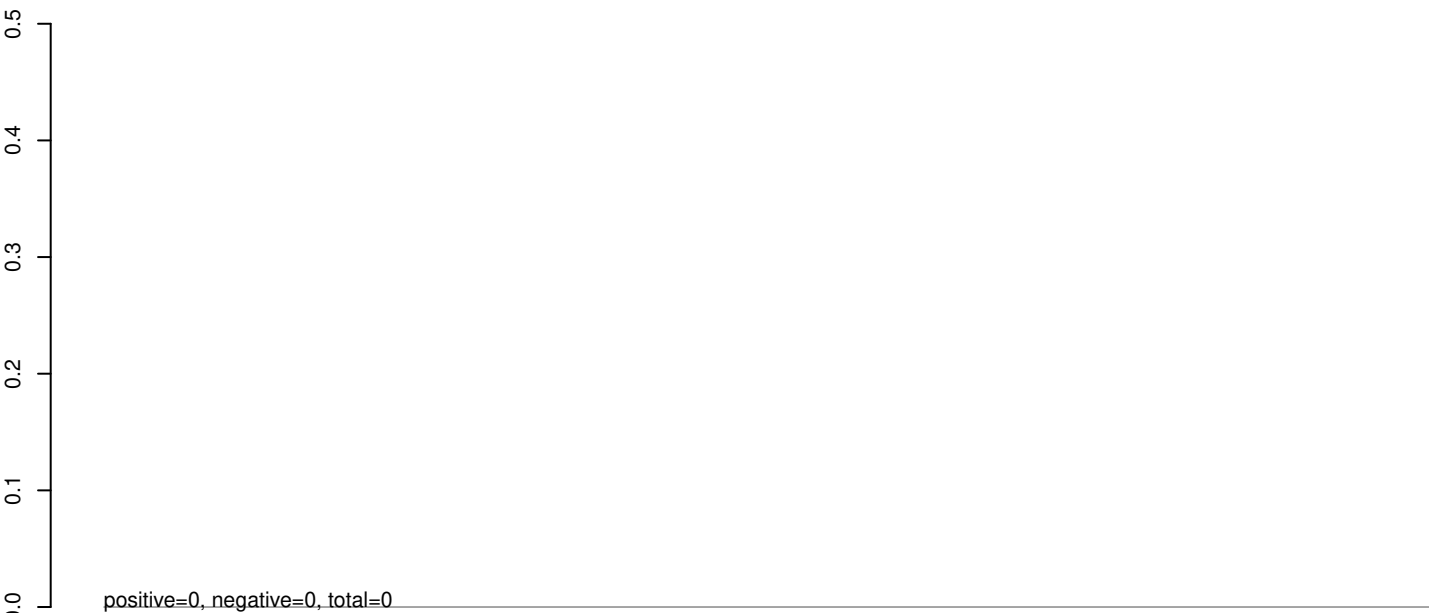
0.0  
-0.2  
-0.4  
-0.6

positive=0, negative=1, total=1

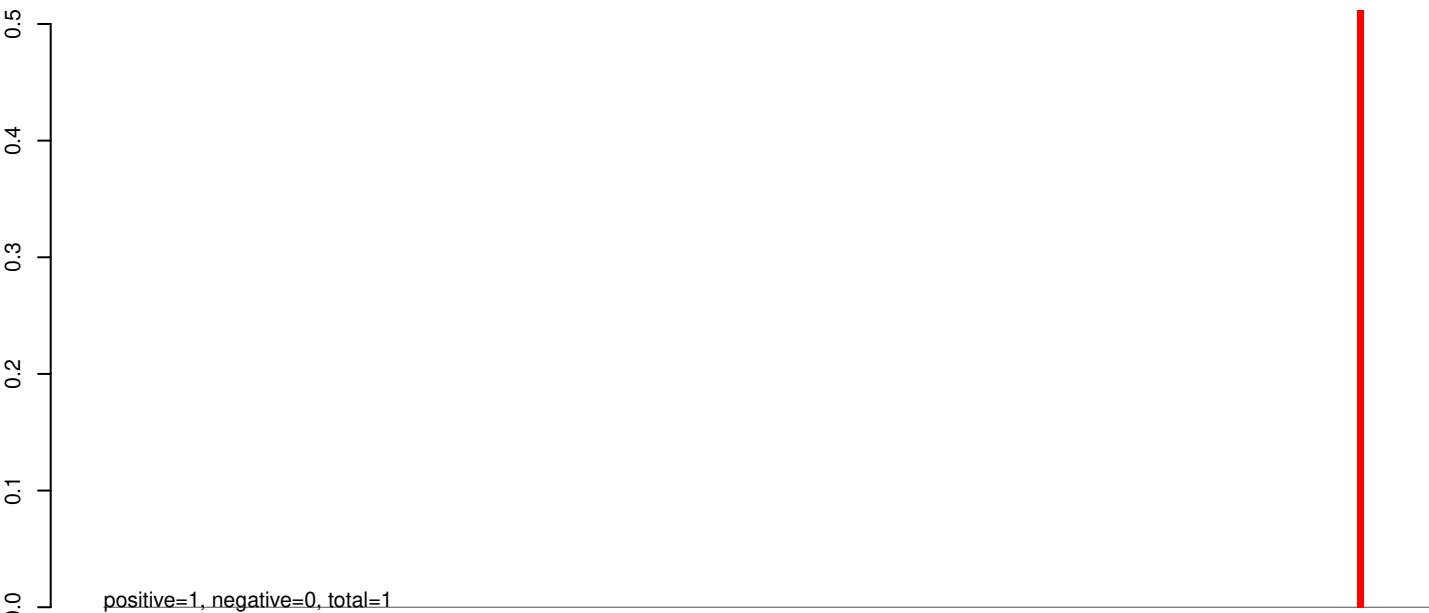
Window size=25, length=5219, TE@TF000015-Outcast\_Ele4:1-5219

0 1000 2000 3000 4000 5000

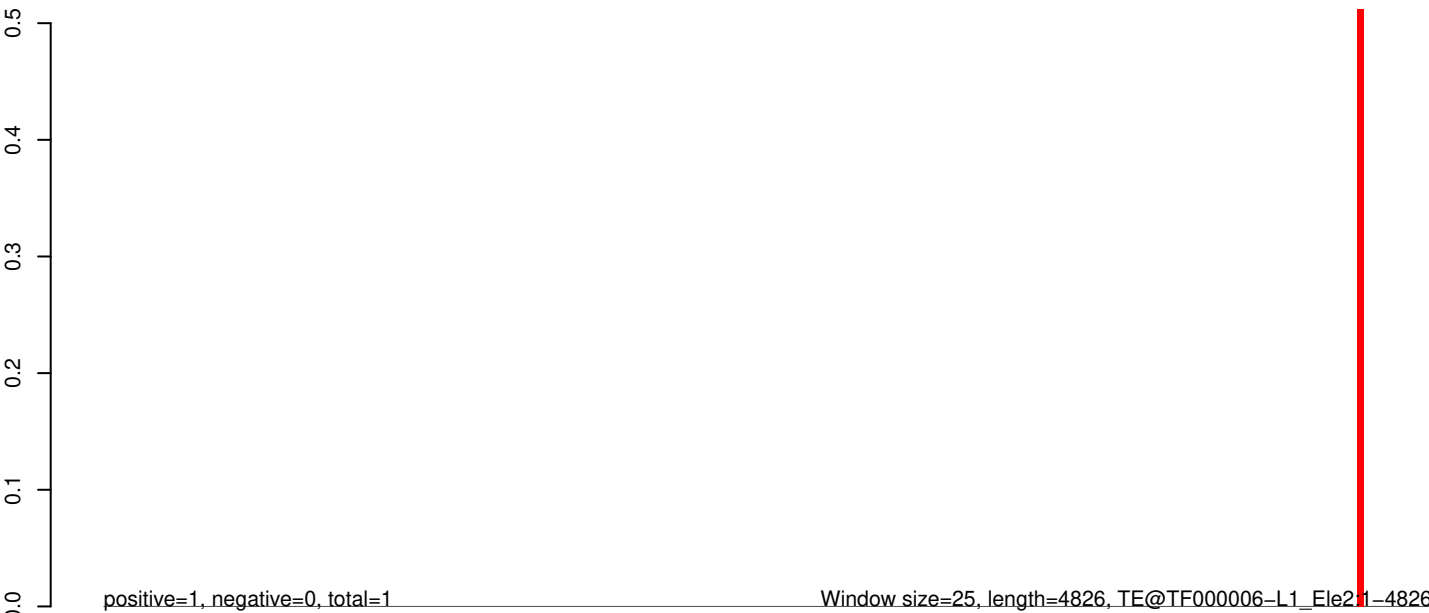
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

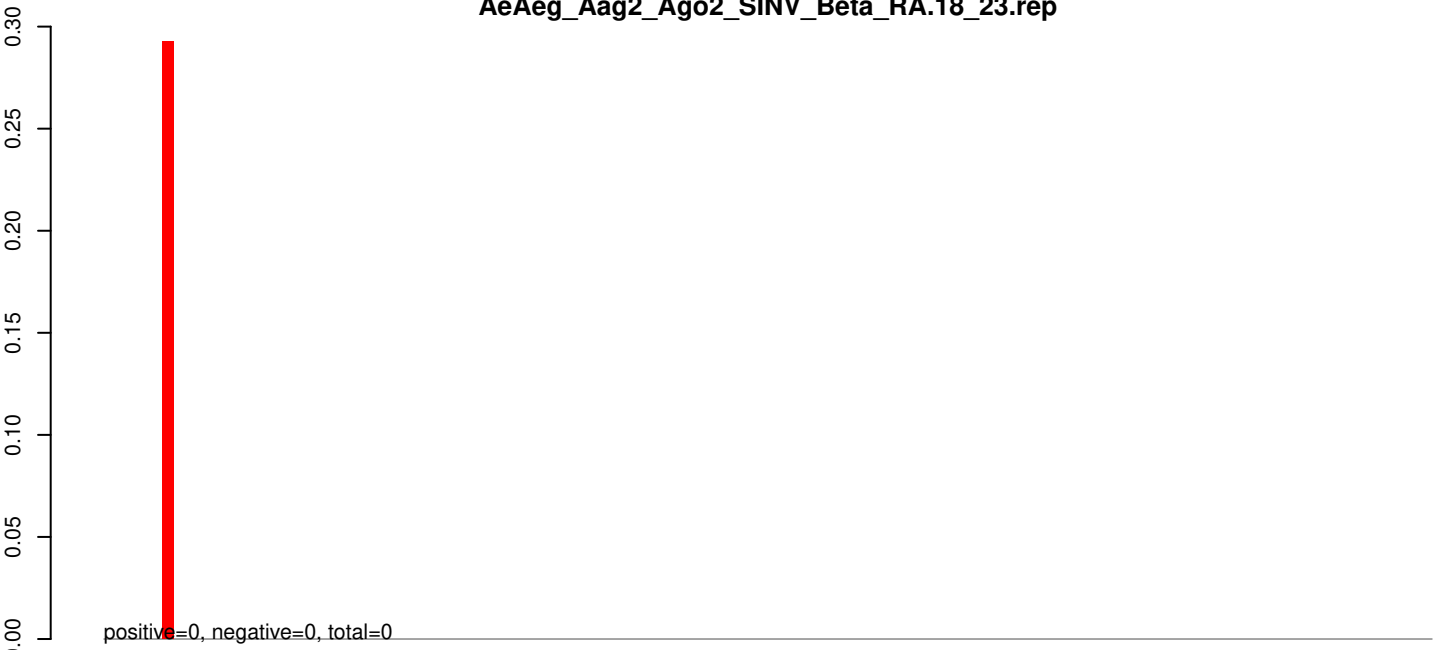


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

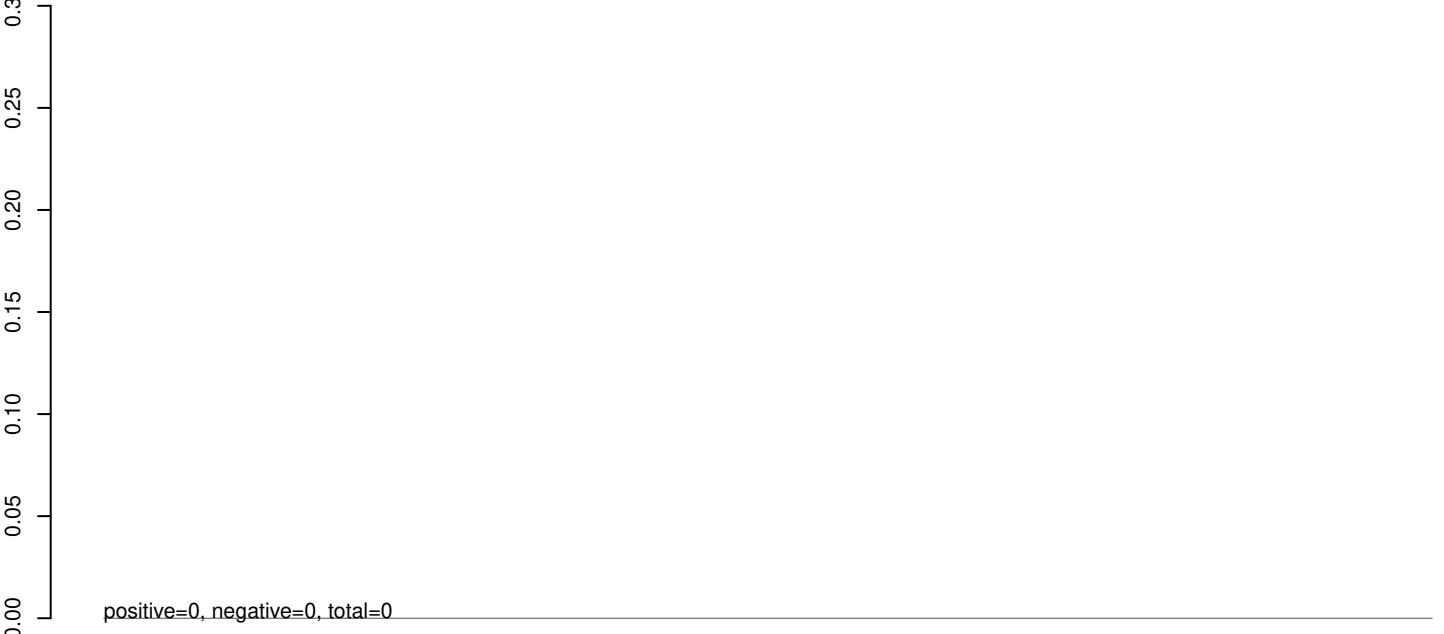


0 1000 2000 3000 4000 5000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



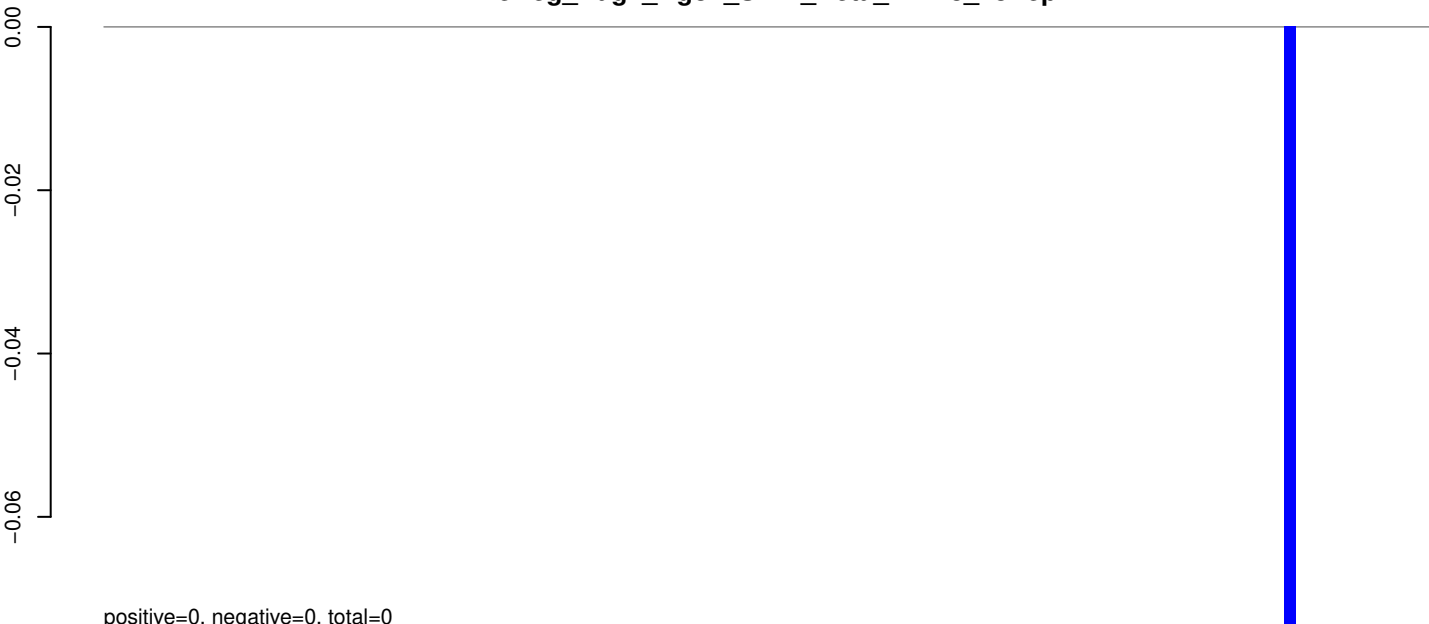
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



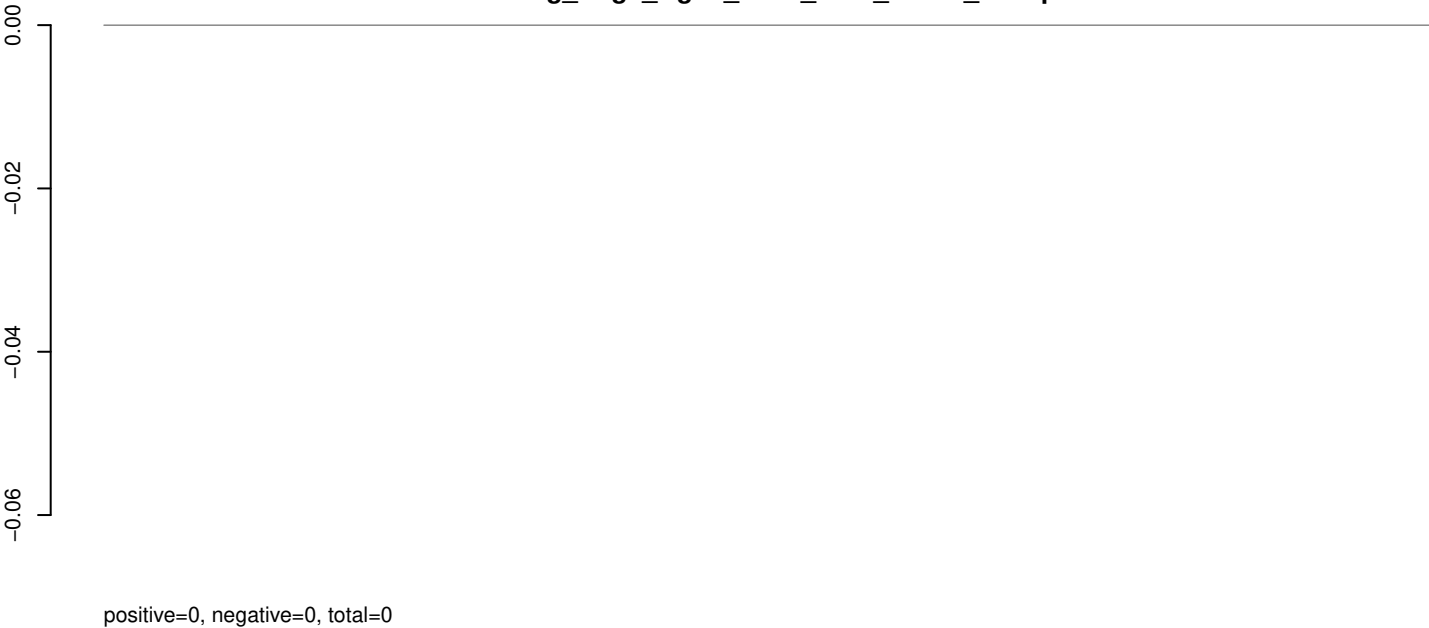
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



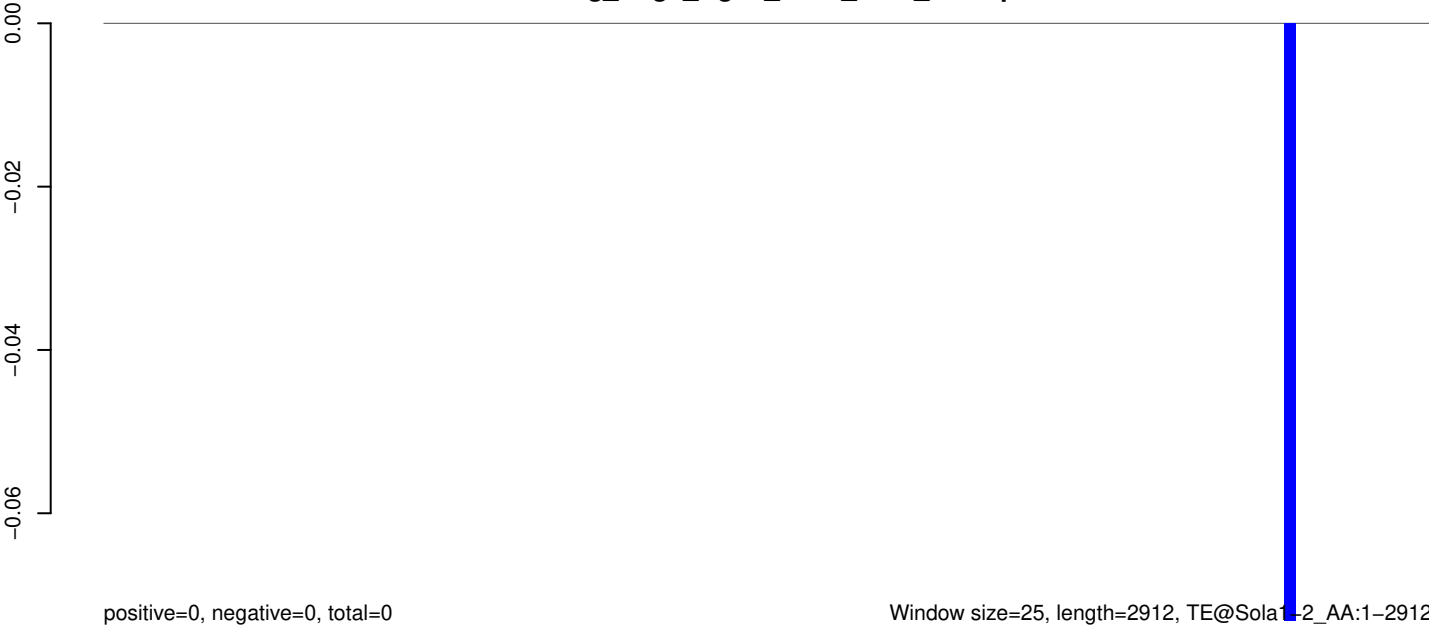
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

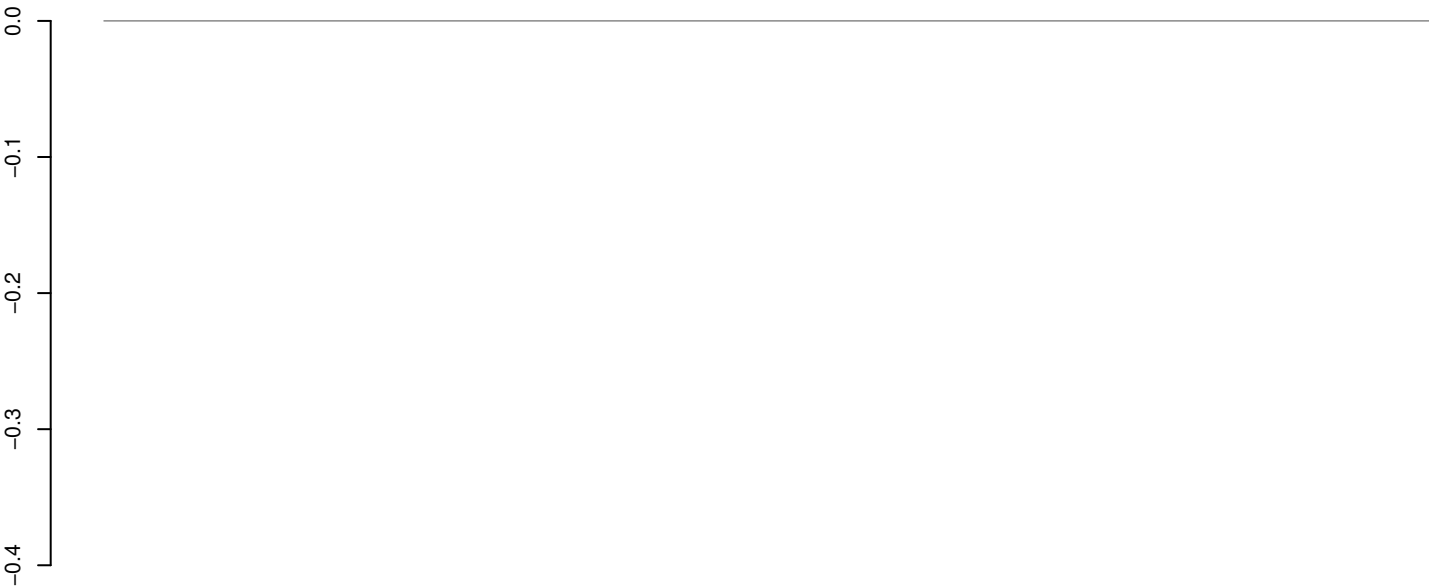
0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

Window size=25, length=1949, TE@Shiragawa-9\_A Ae:1-1949

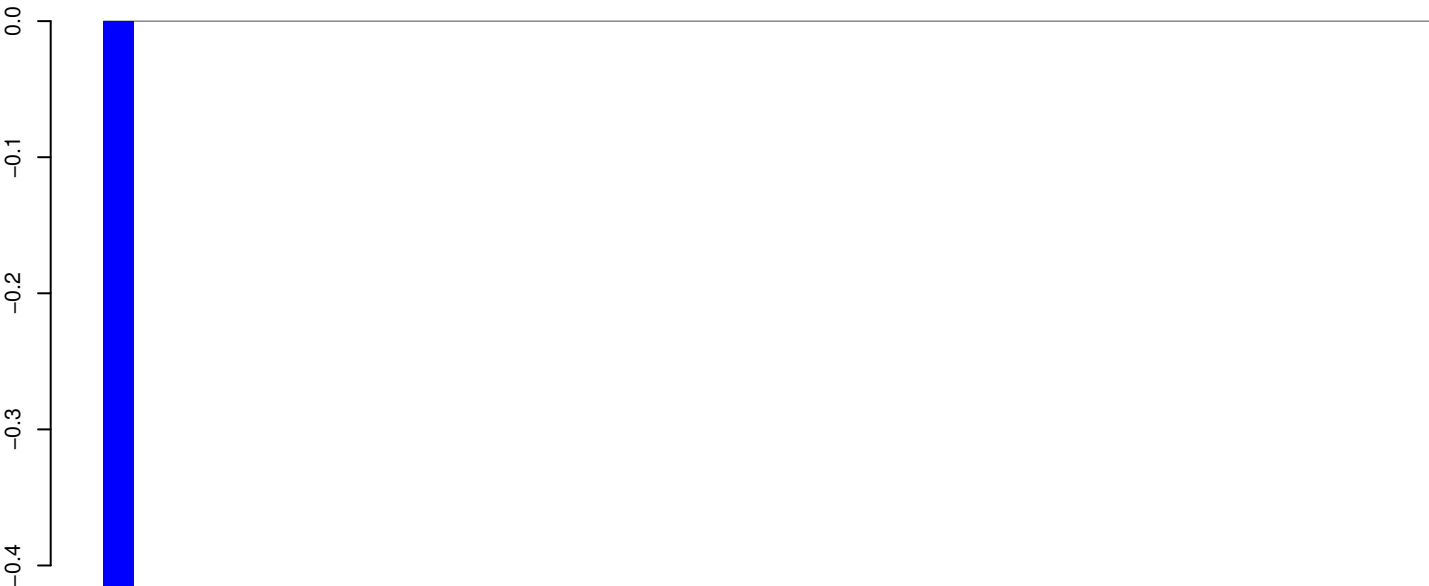
0 500 1000 1500 2000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



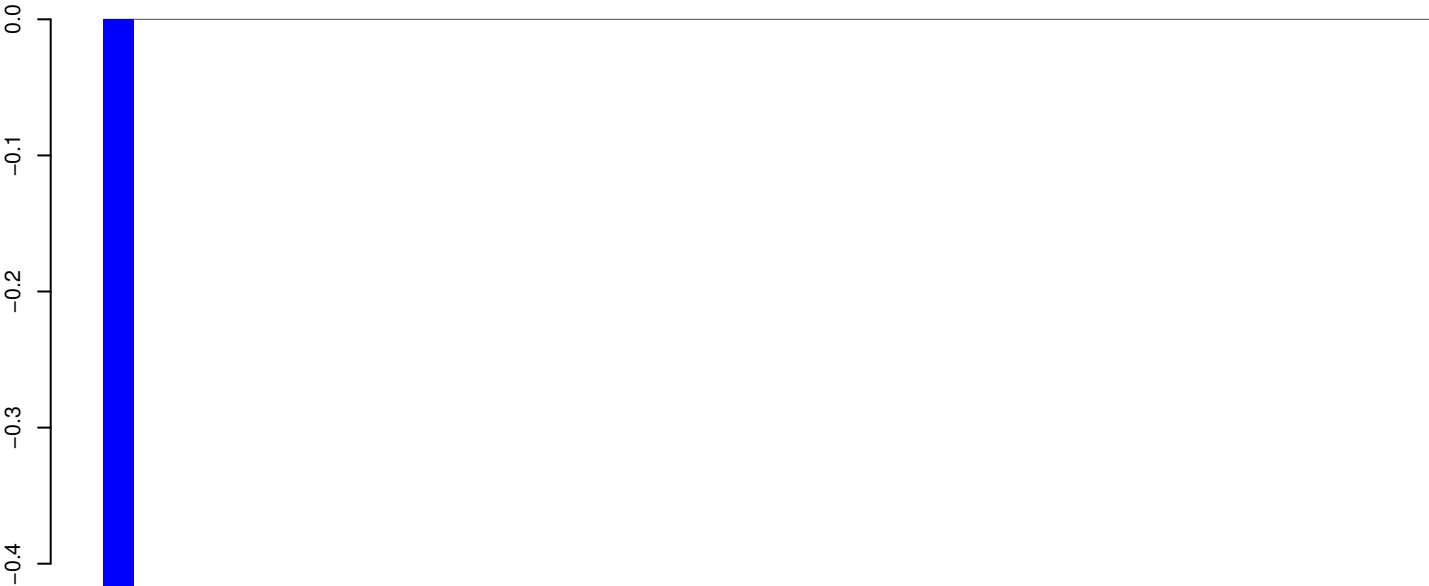
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



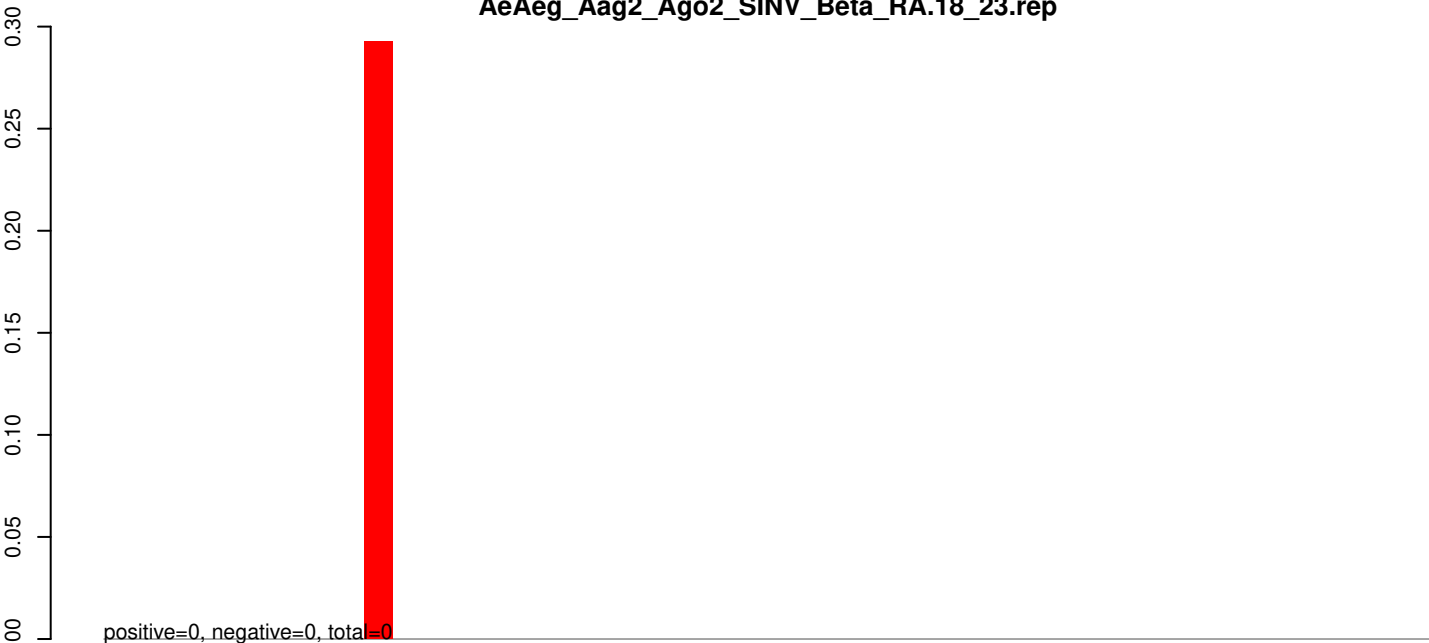
positive=0, negative=0, total=0

Window size=25, length=1094, TE@R=614-UNKNOWN:1-1094

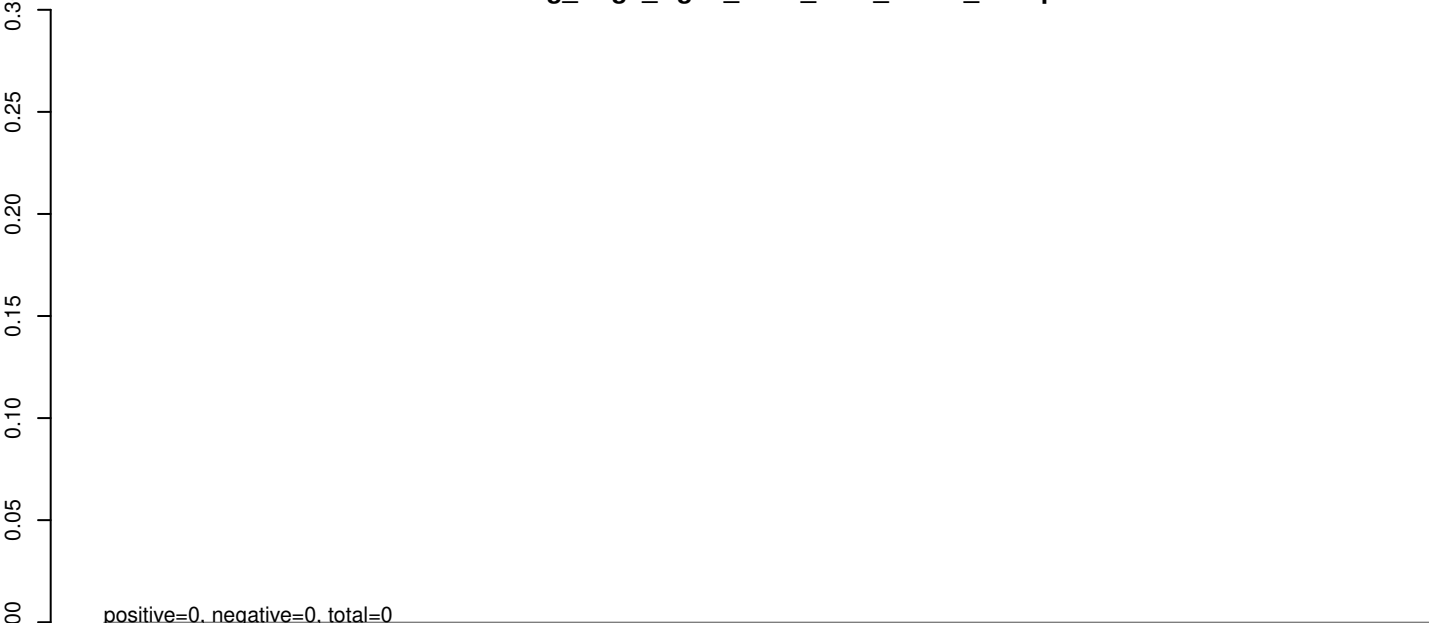




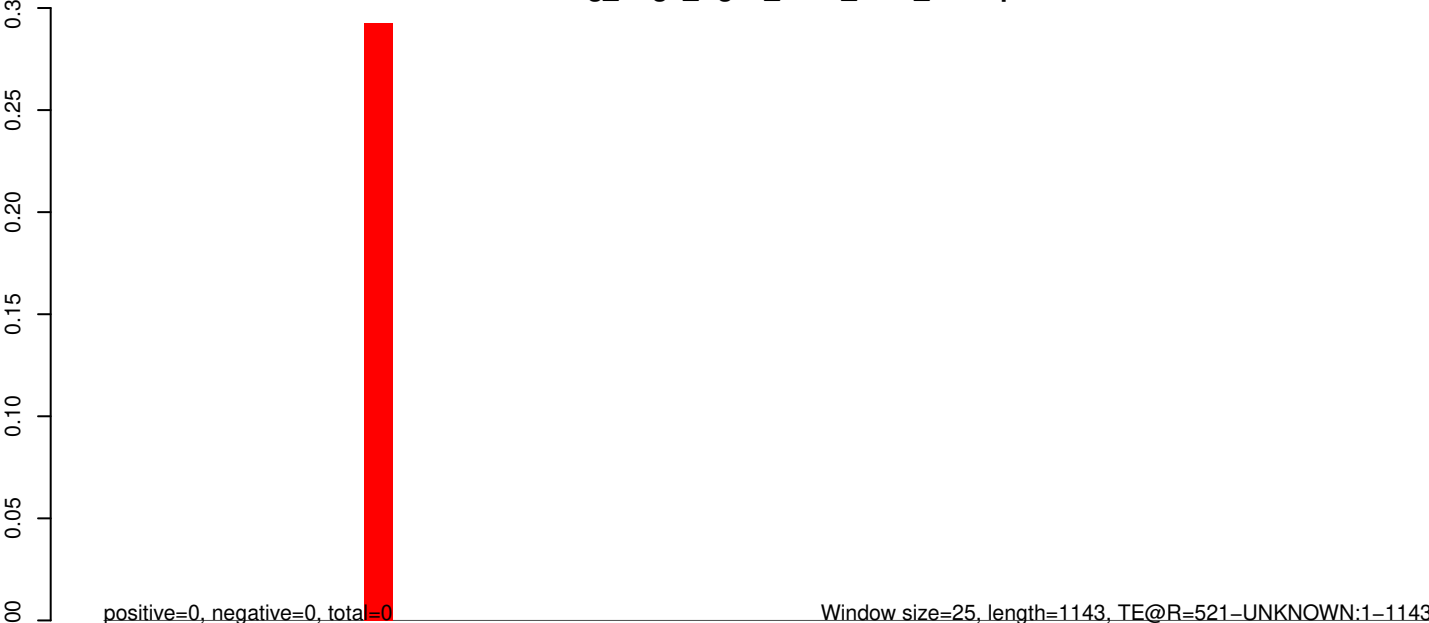
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



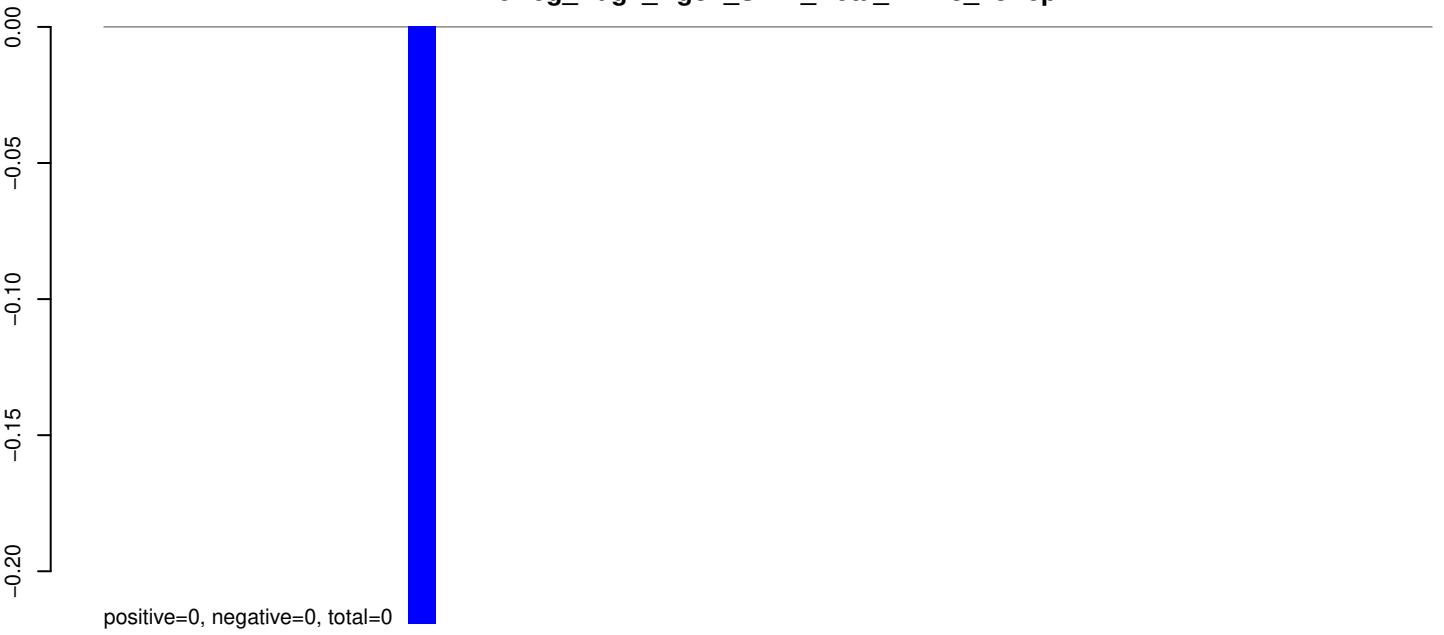
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



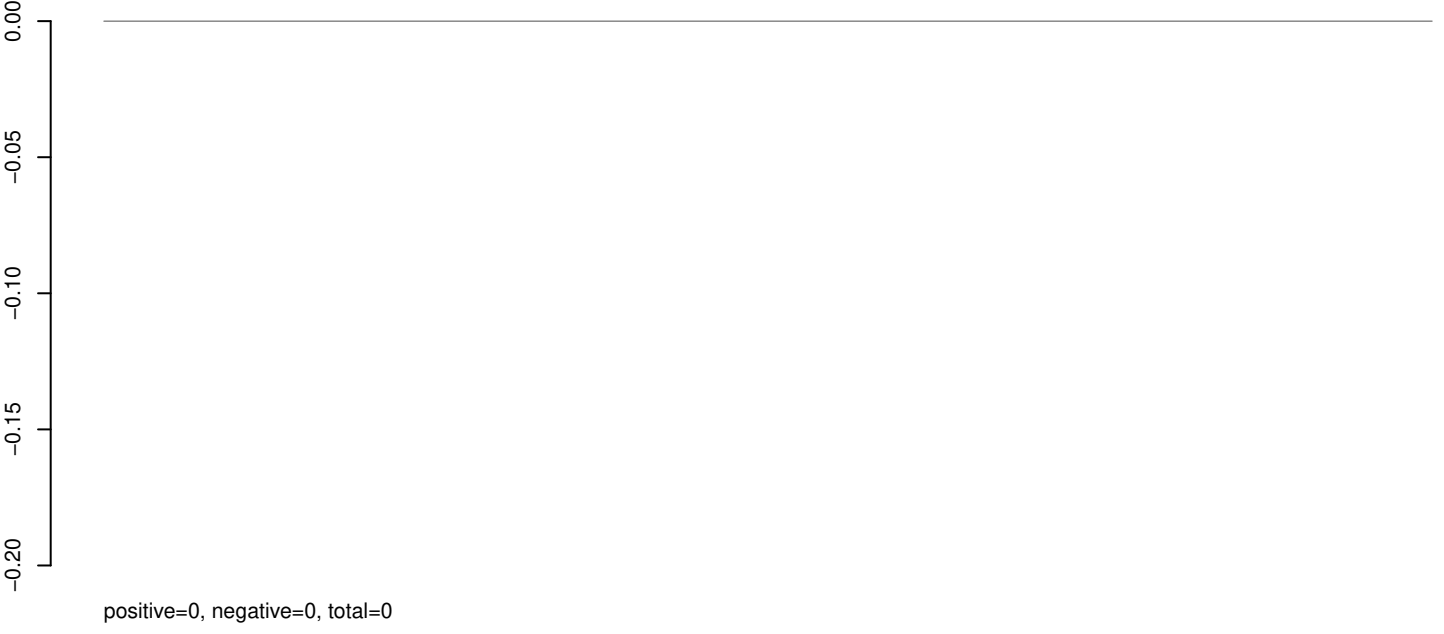
Window size=25, length=1143, TE@R=521-UNKNOWN:1-1143

0 200 400 600 800 1000 1200

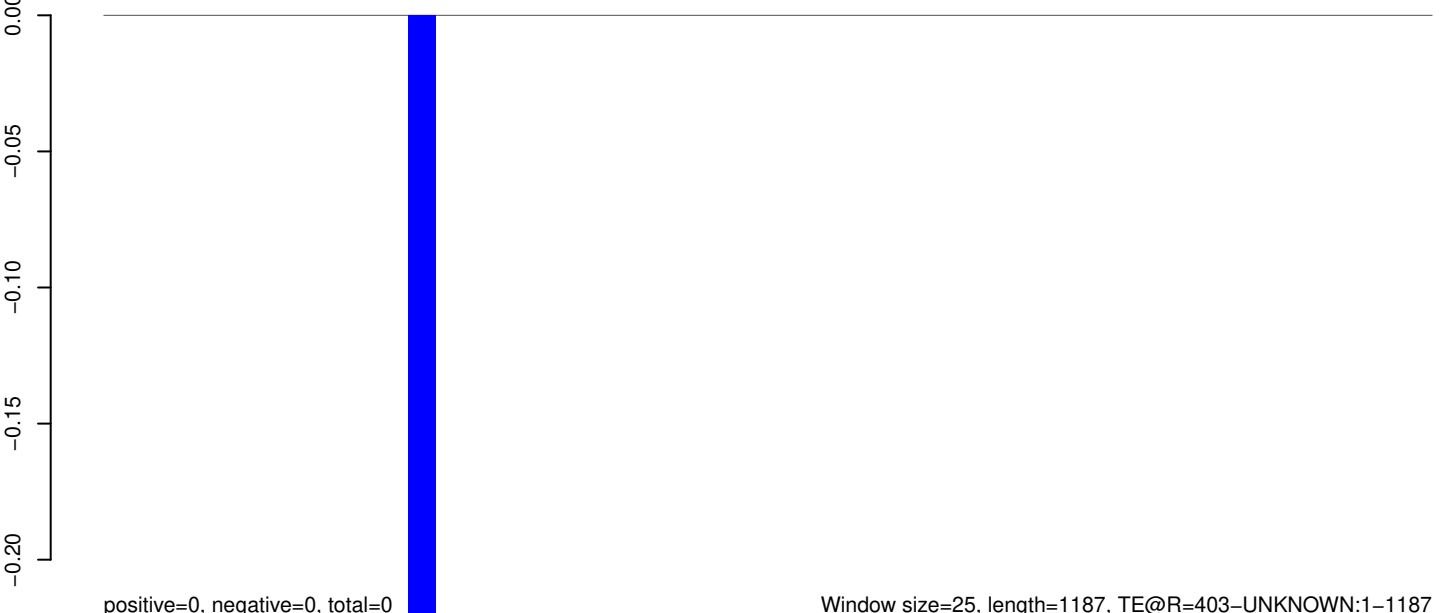
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

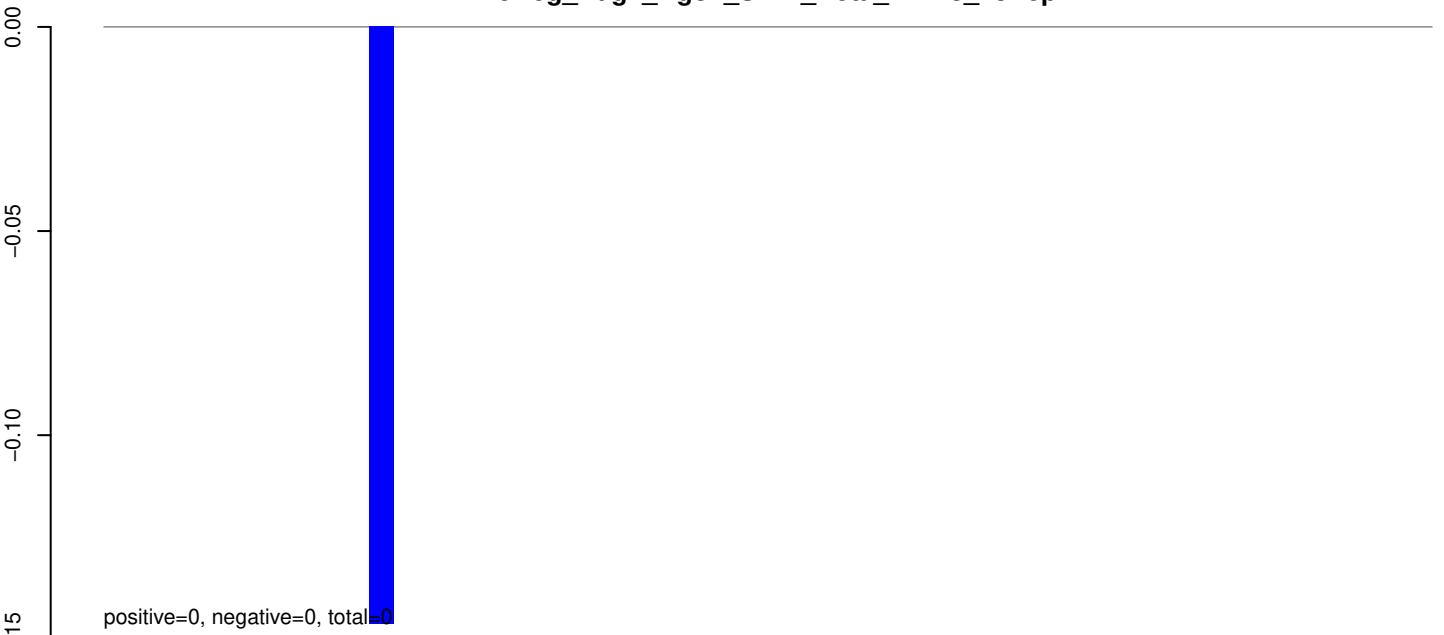


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

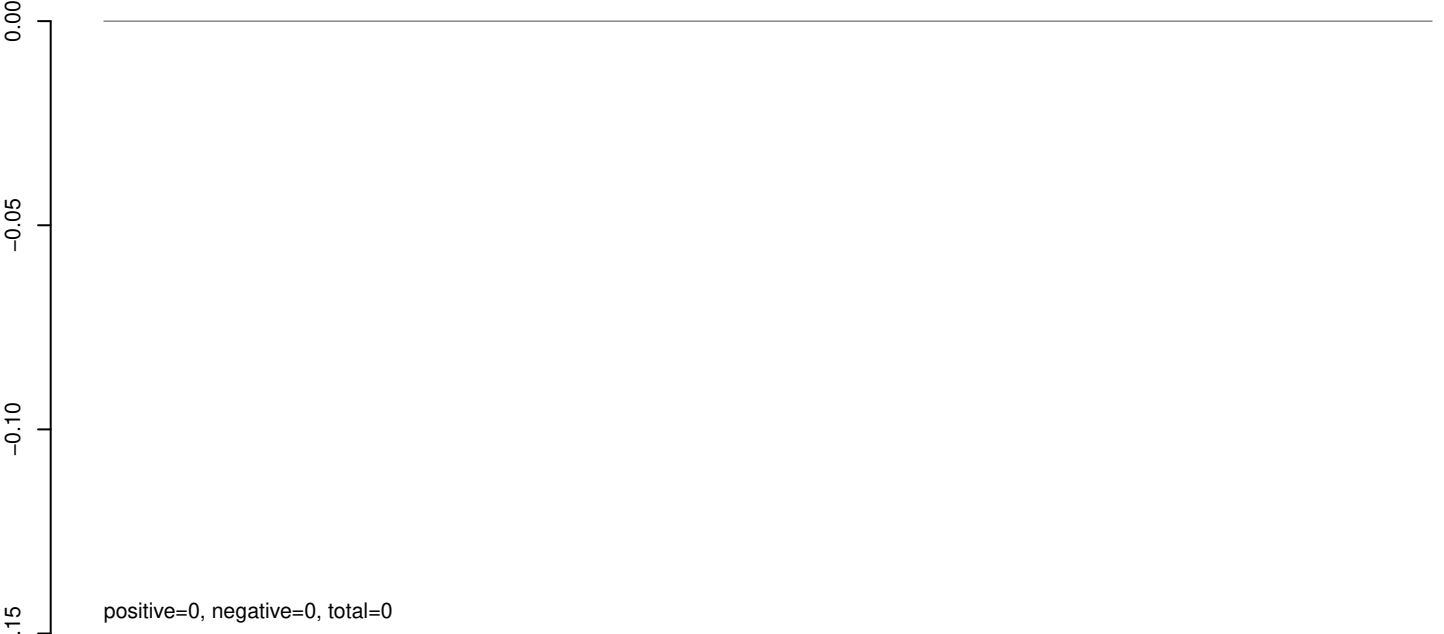


Window size=25, length=1187, TE@R=403-UNKNOWN:1-1187

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



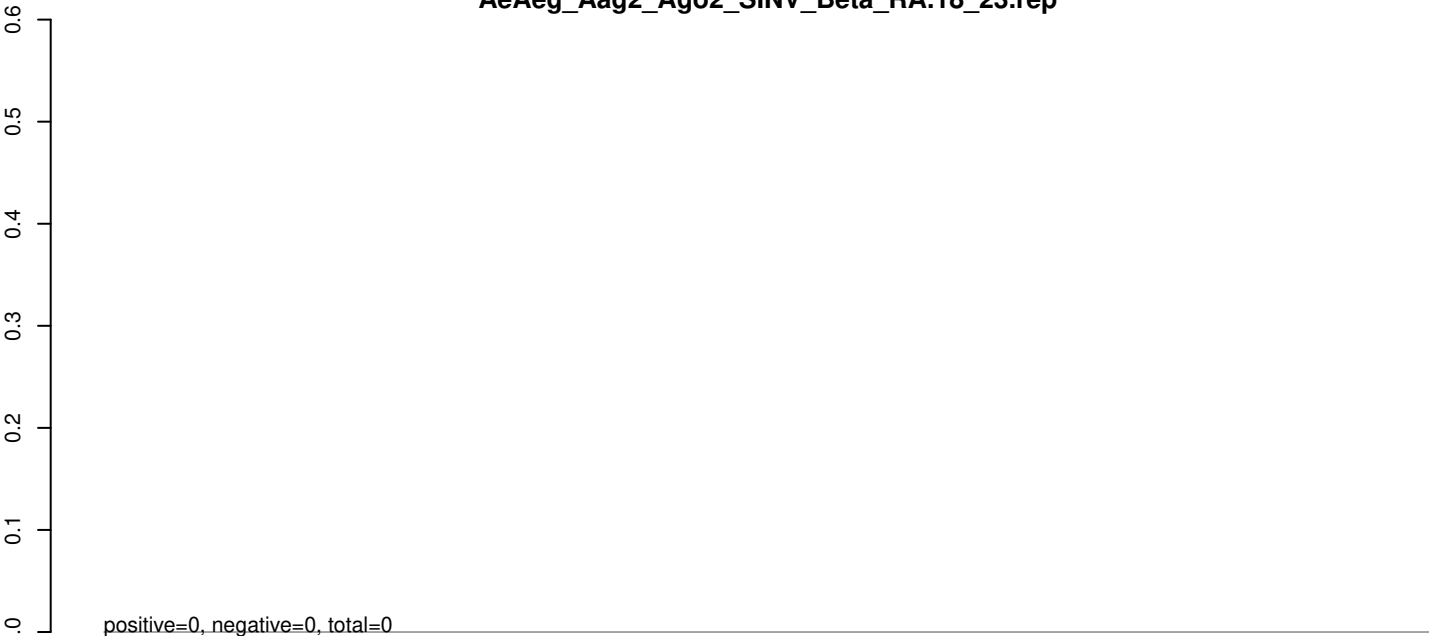
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



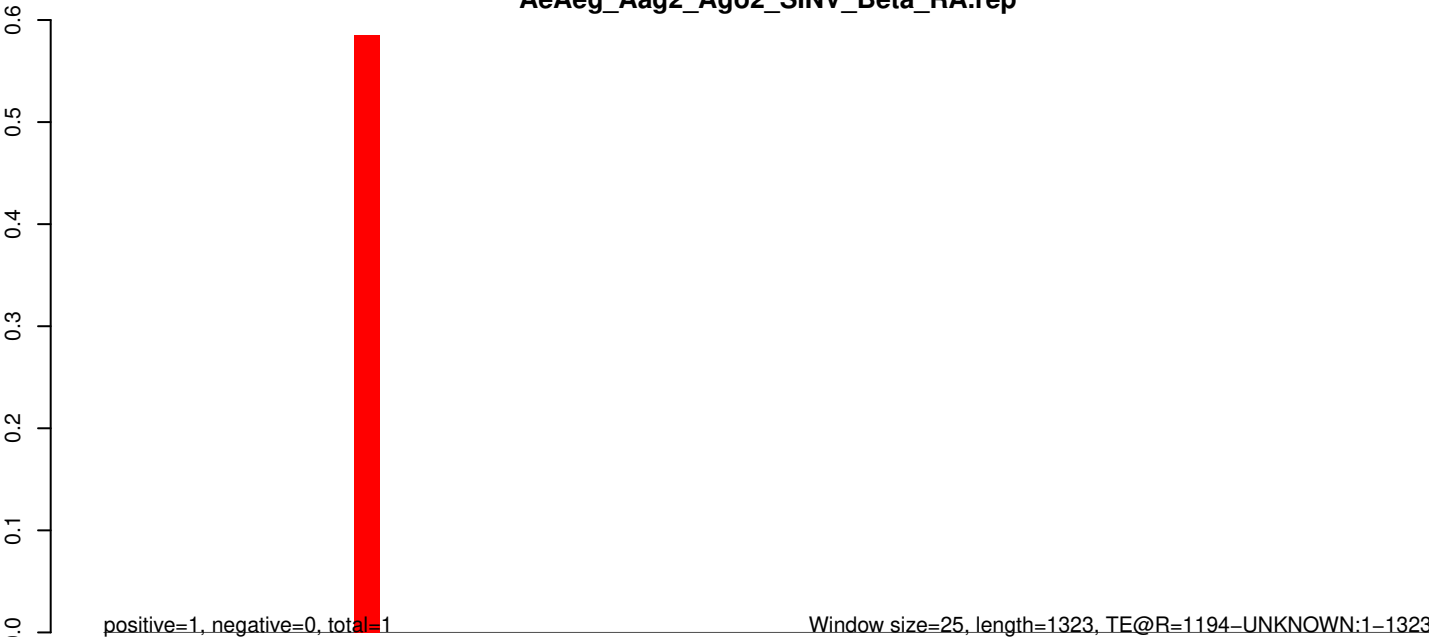
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

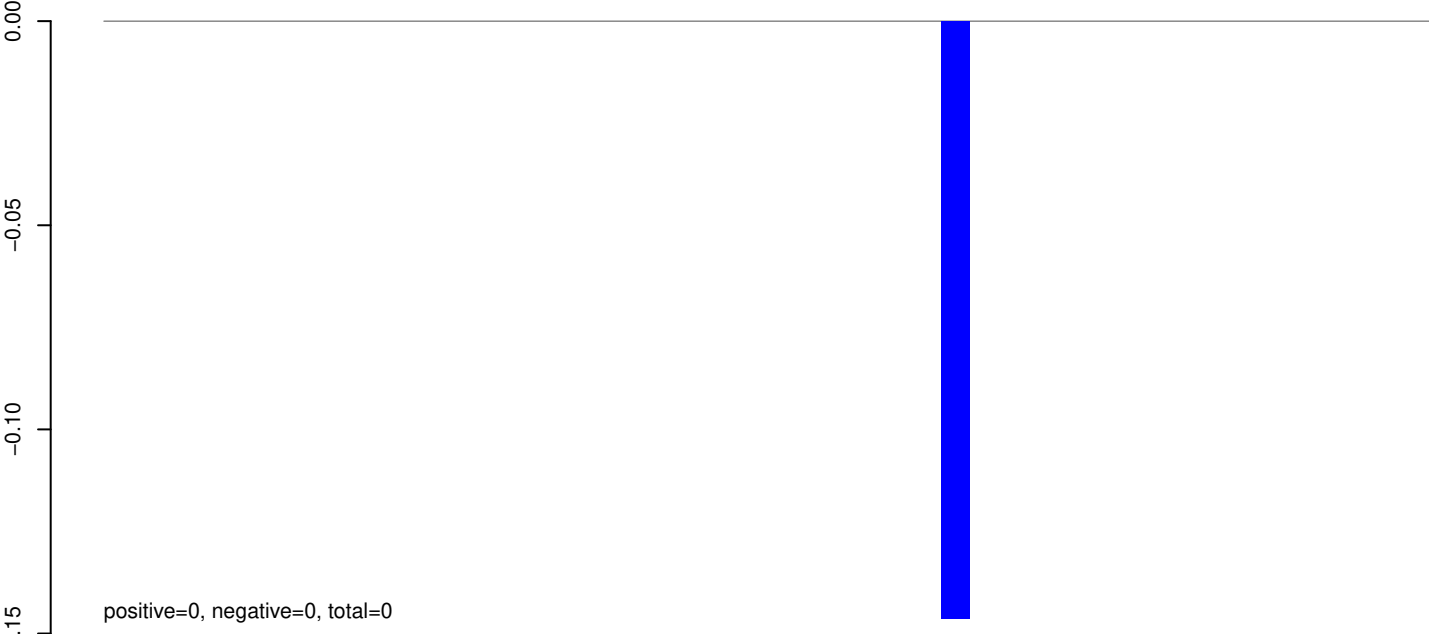


0 200 400 600 800 1000 1200 1400

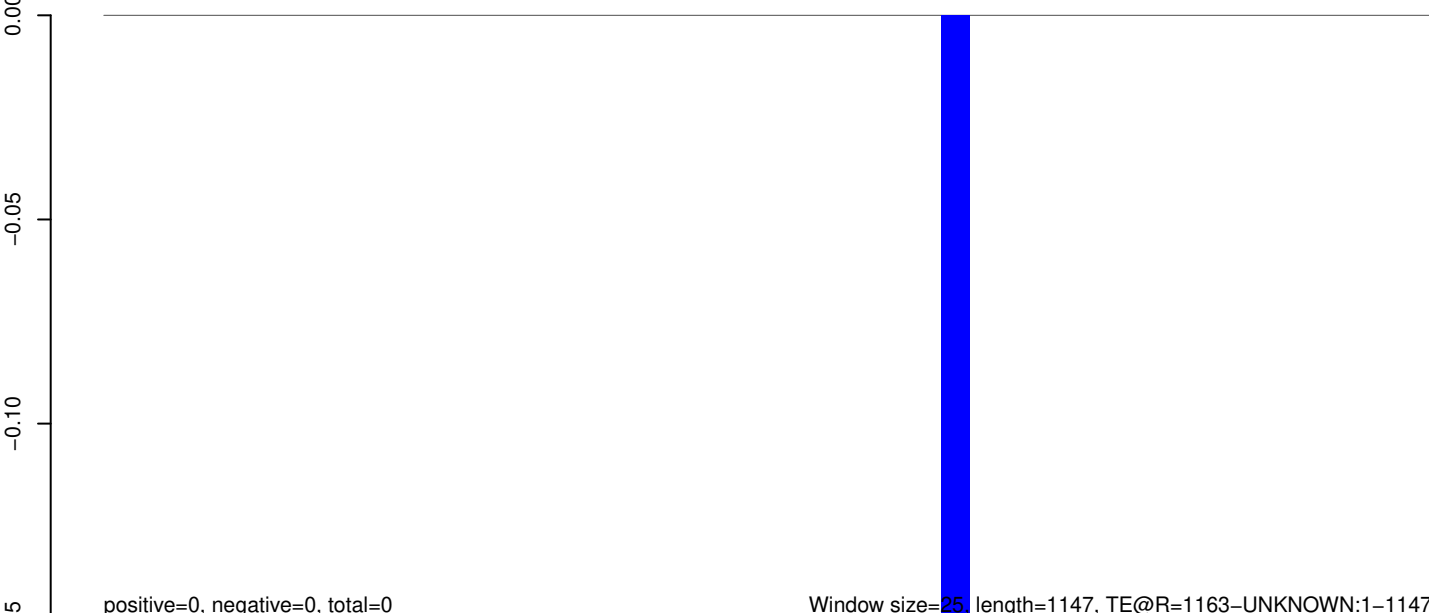
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



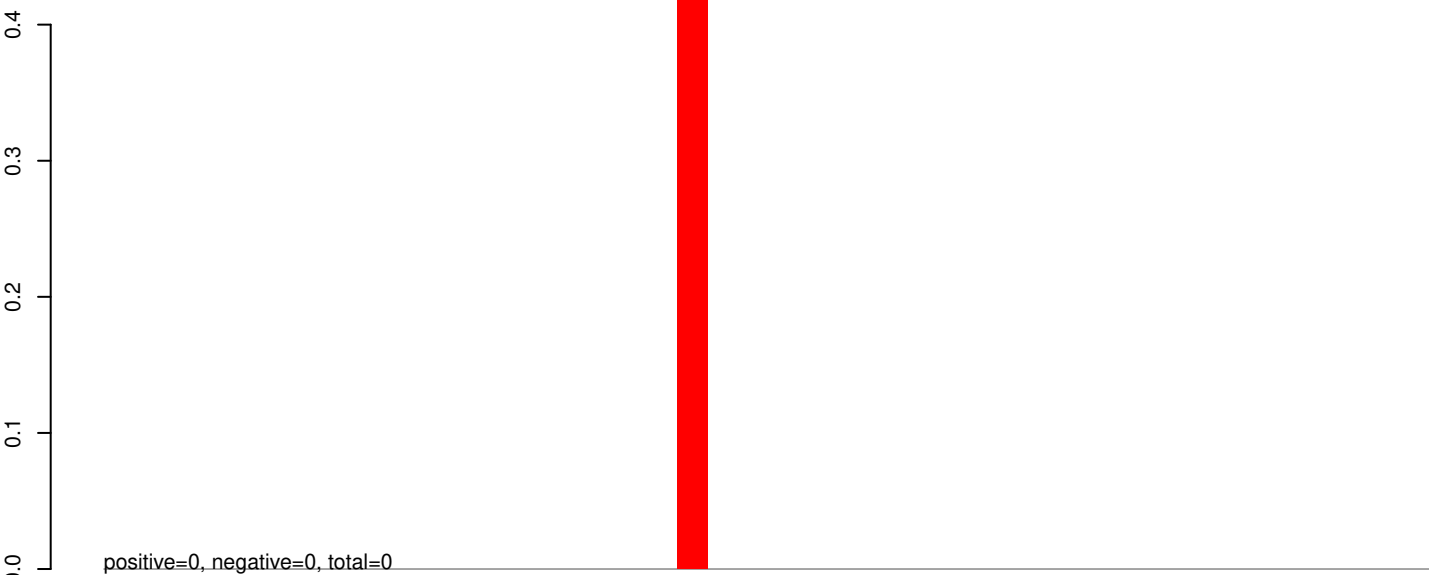
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



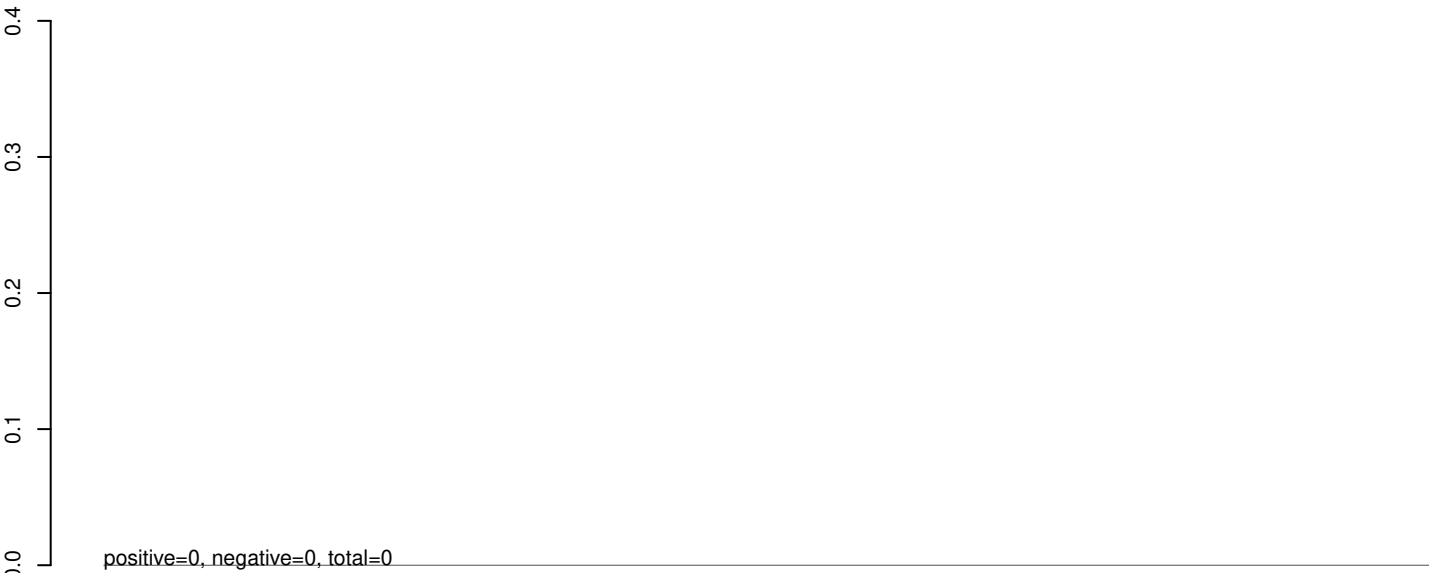
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



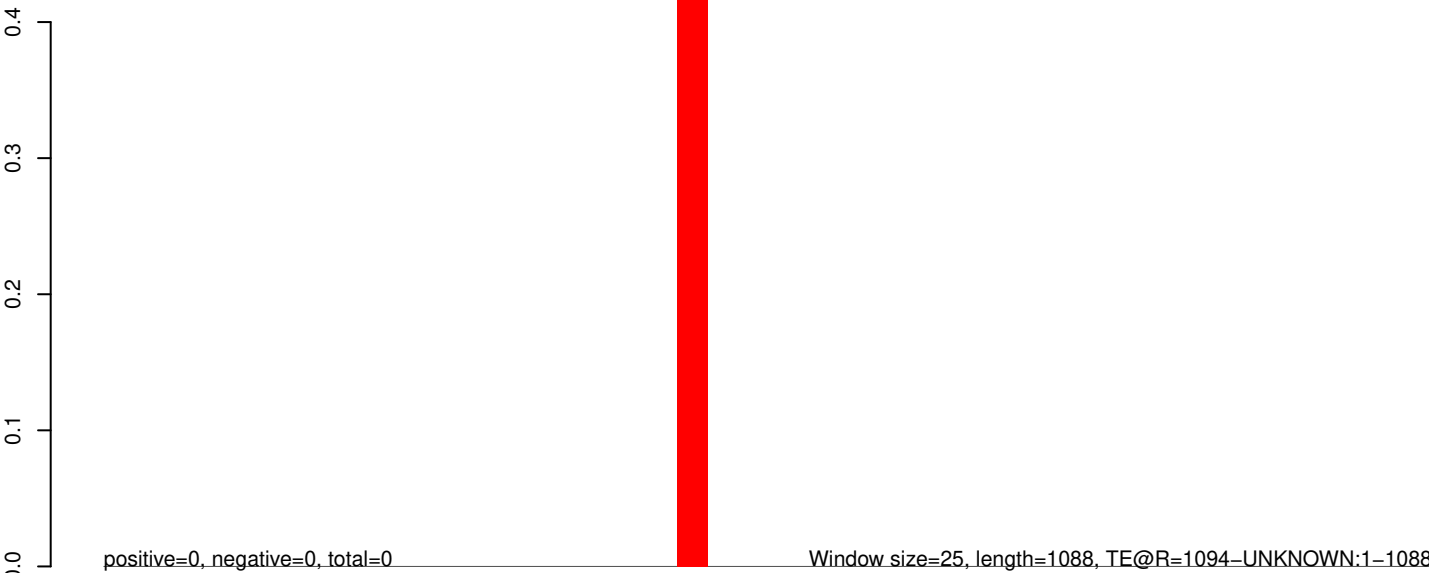
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.0  
-0.1  
-0.2  
-0.3

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.0  
-0.1  
-0.2  
-0.3

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

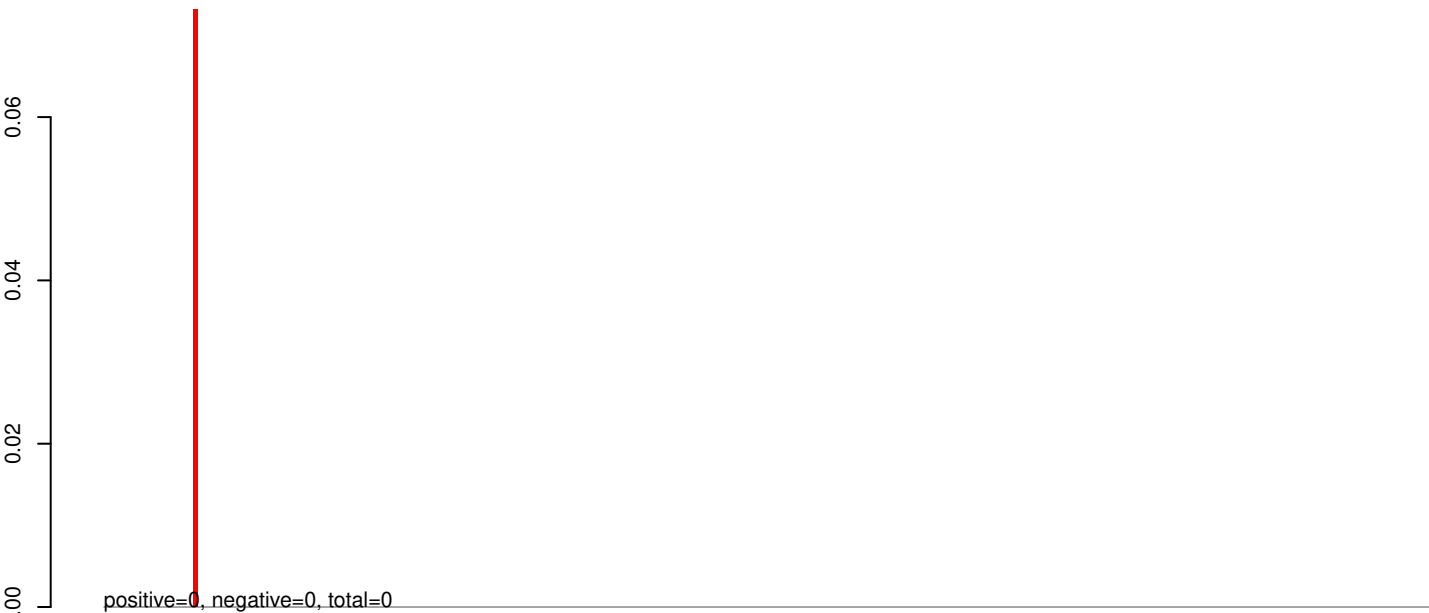
0.0  
-0.1  
-0.2  
-0.3

positive=0, negative=0, total=0

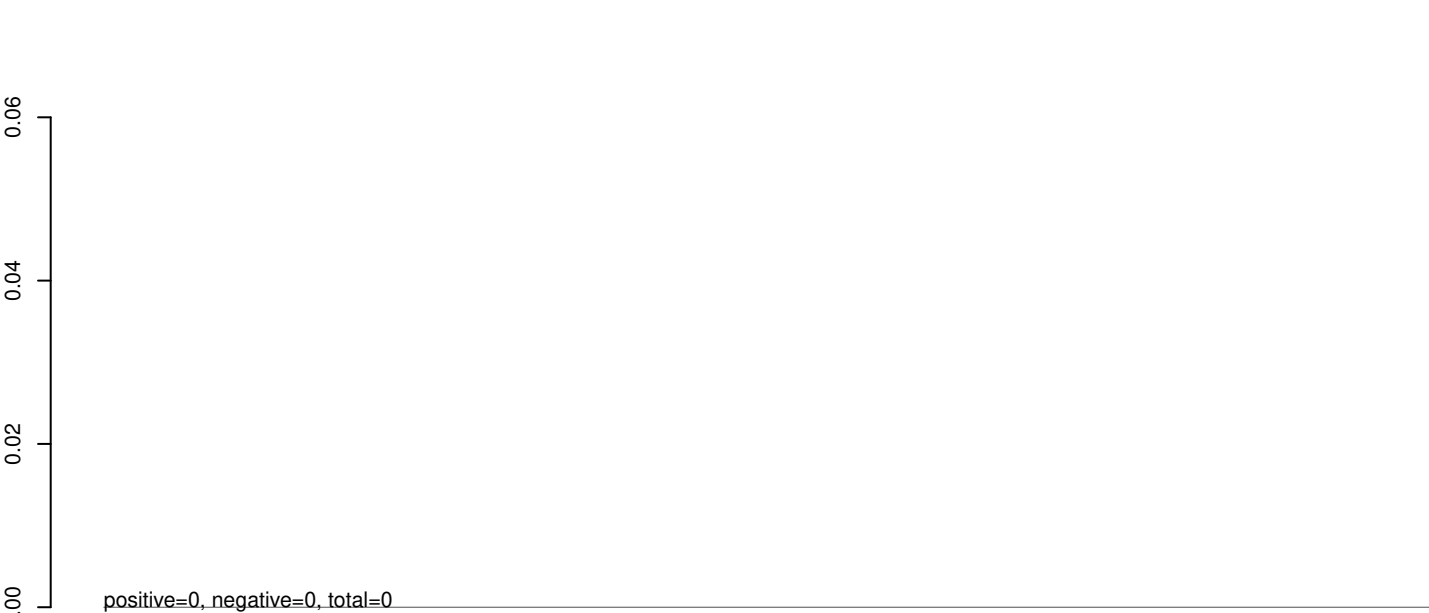
Window size=25, length=2228, TE@R=1091-UNKNOWN:1-2228

0 500 1000 1500 2000

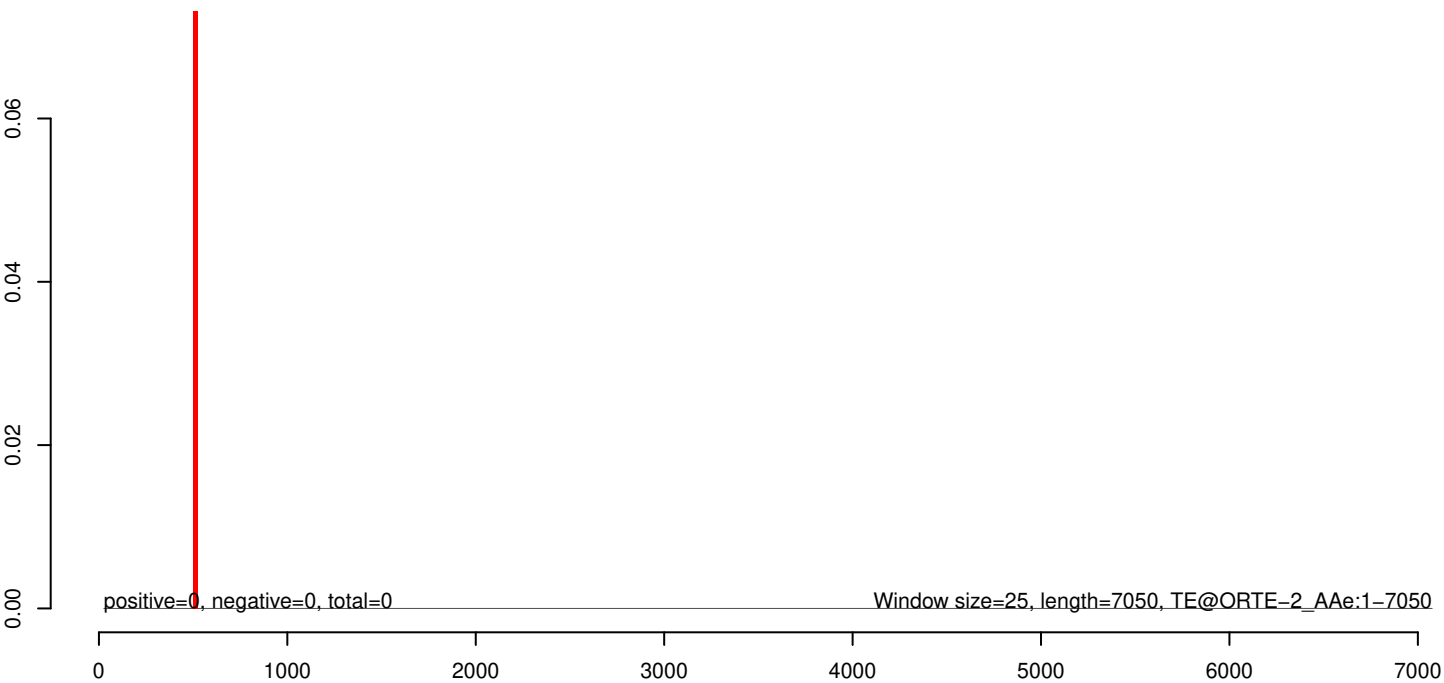
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

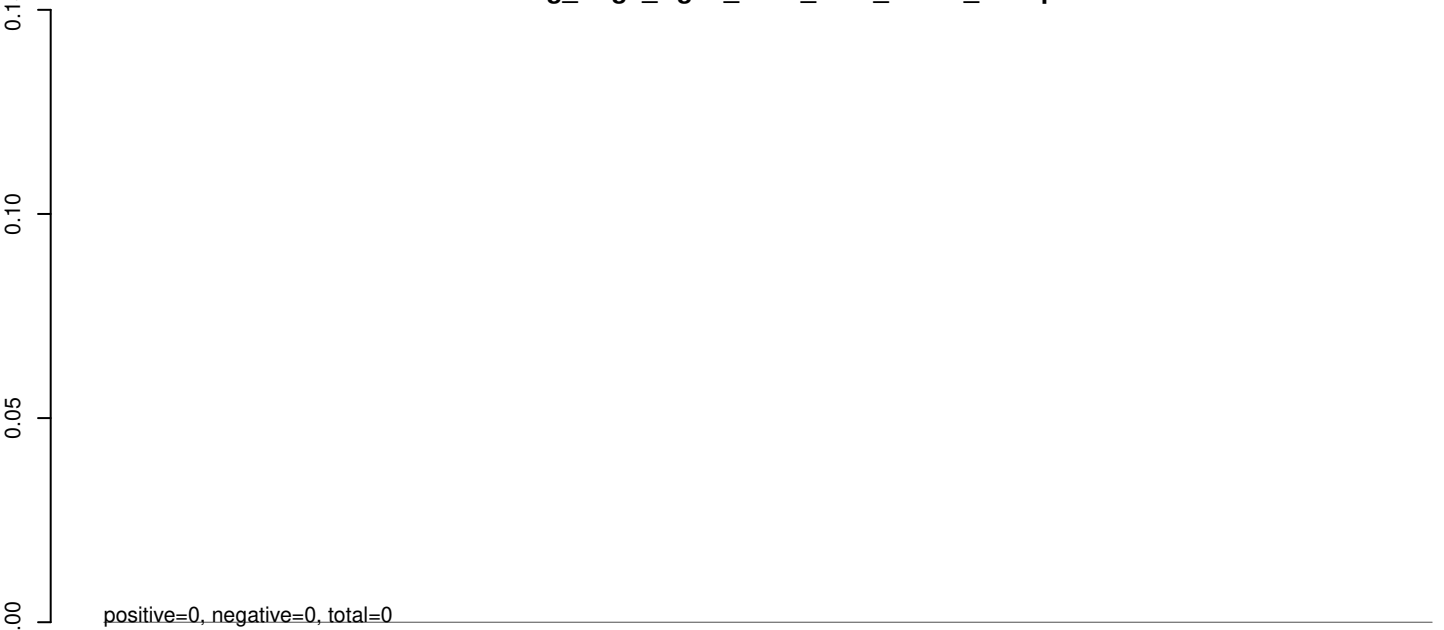




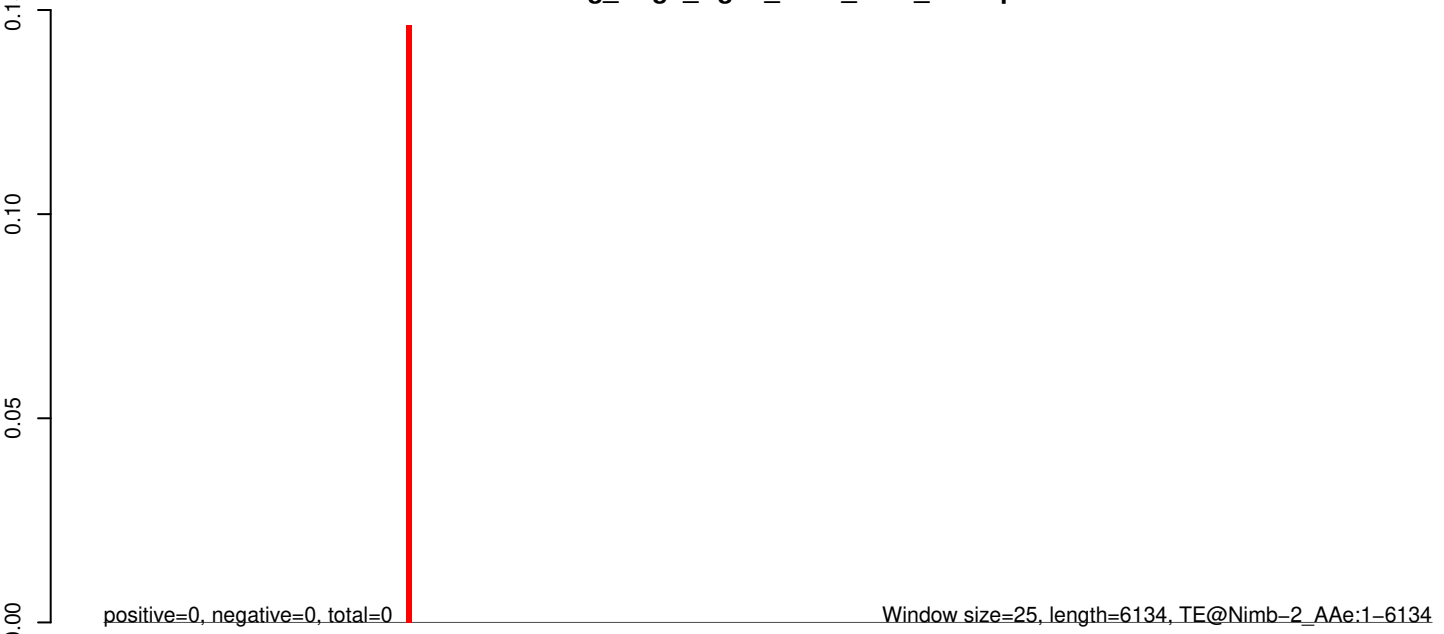
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



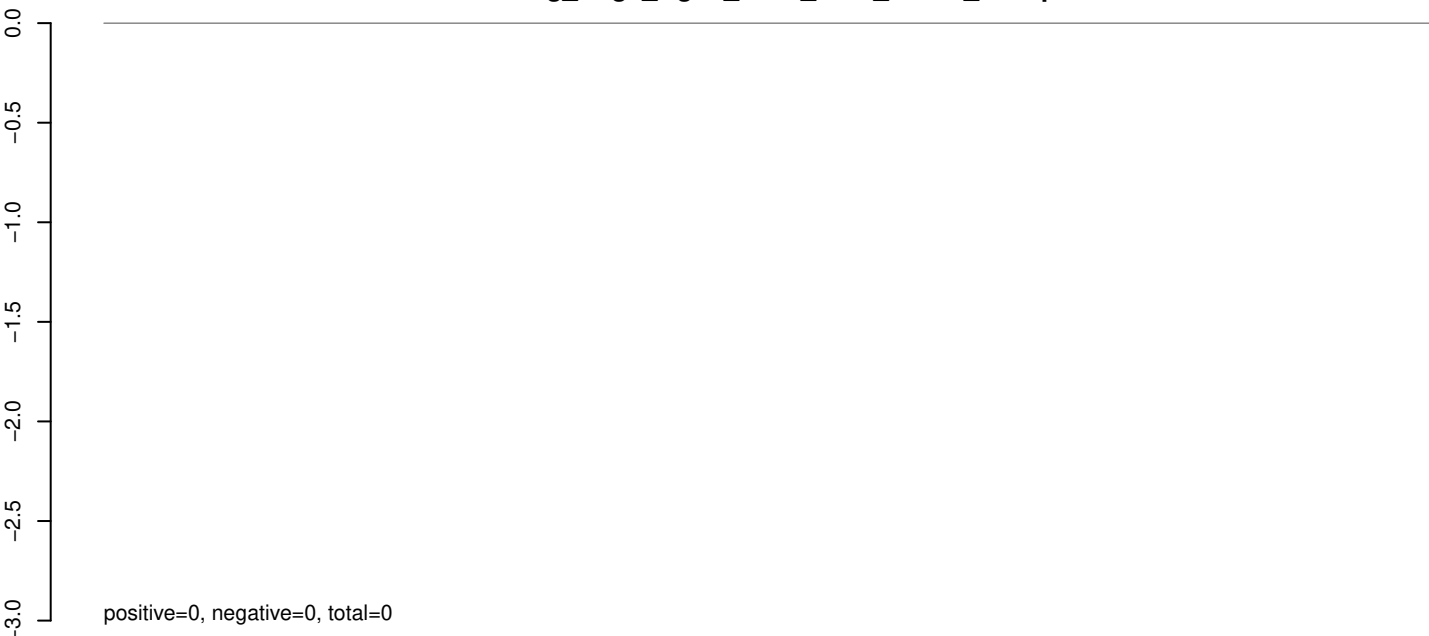
0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



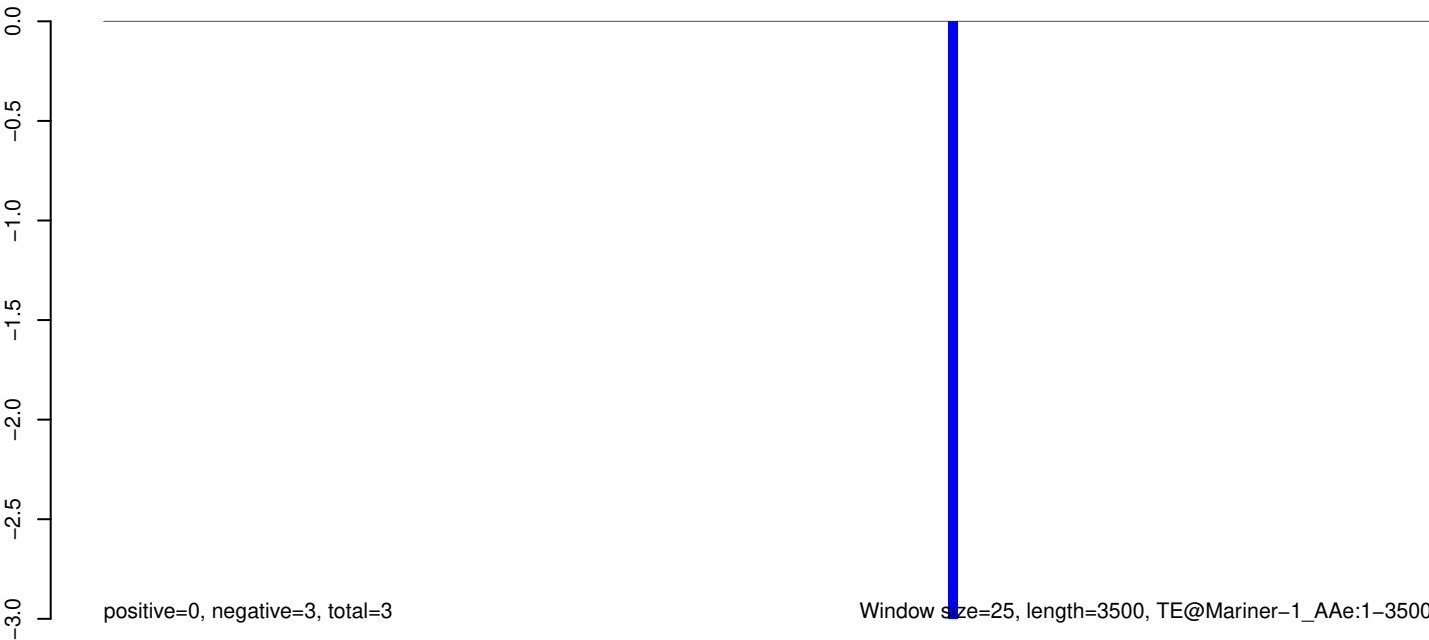
positive=0, negative=3, total=3

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

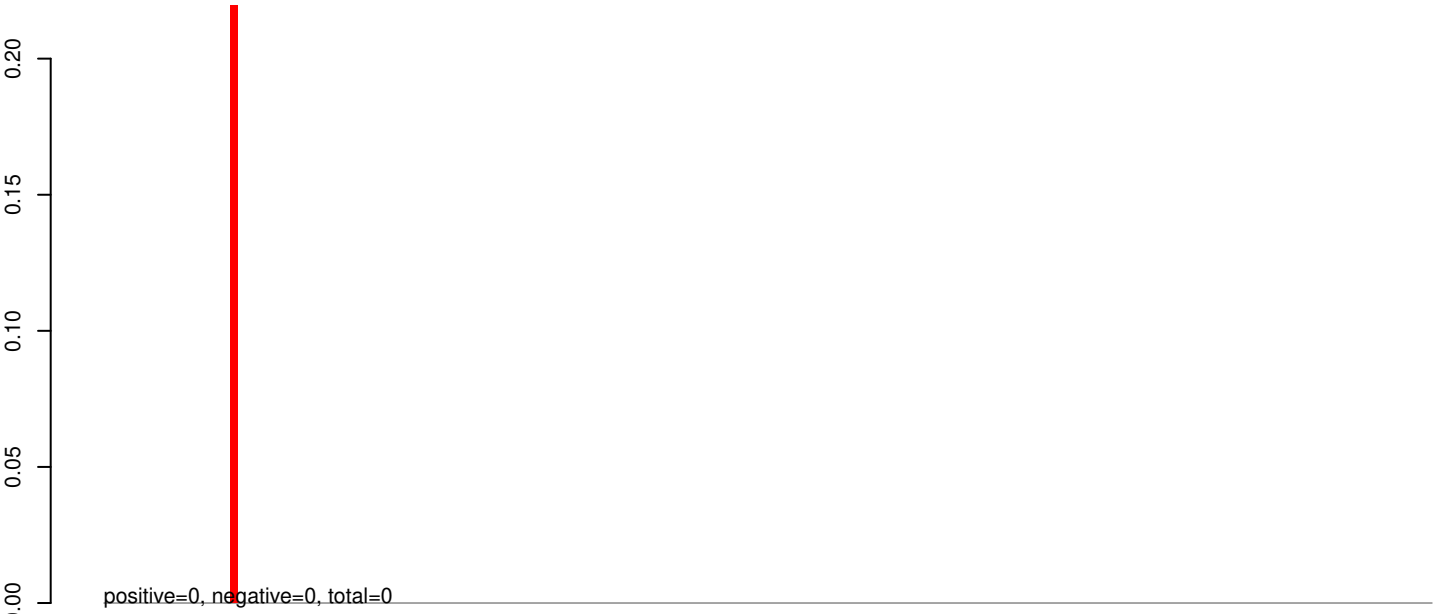


positive=0, negative=3, total=3

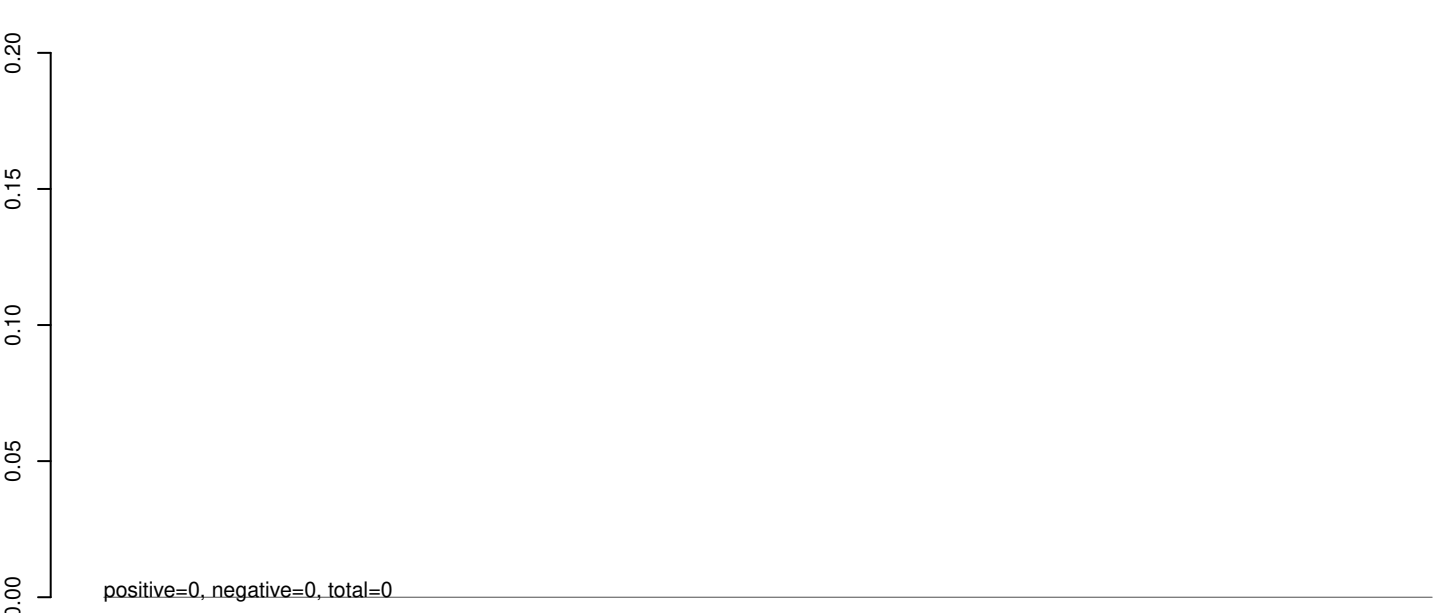
Window size=25, length=3500, TE@Mariner-1\_A Ae:1-3500

0 500 1000 1500 2000 2500 3000 3500

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



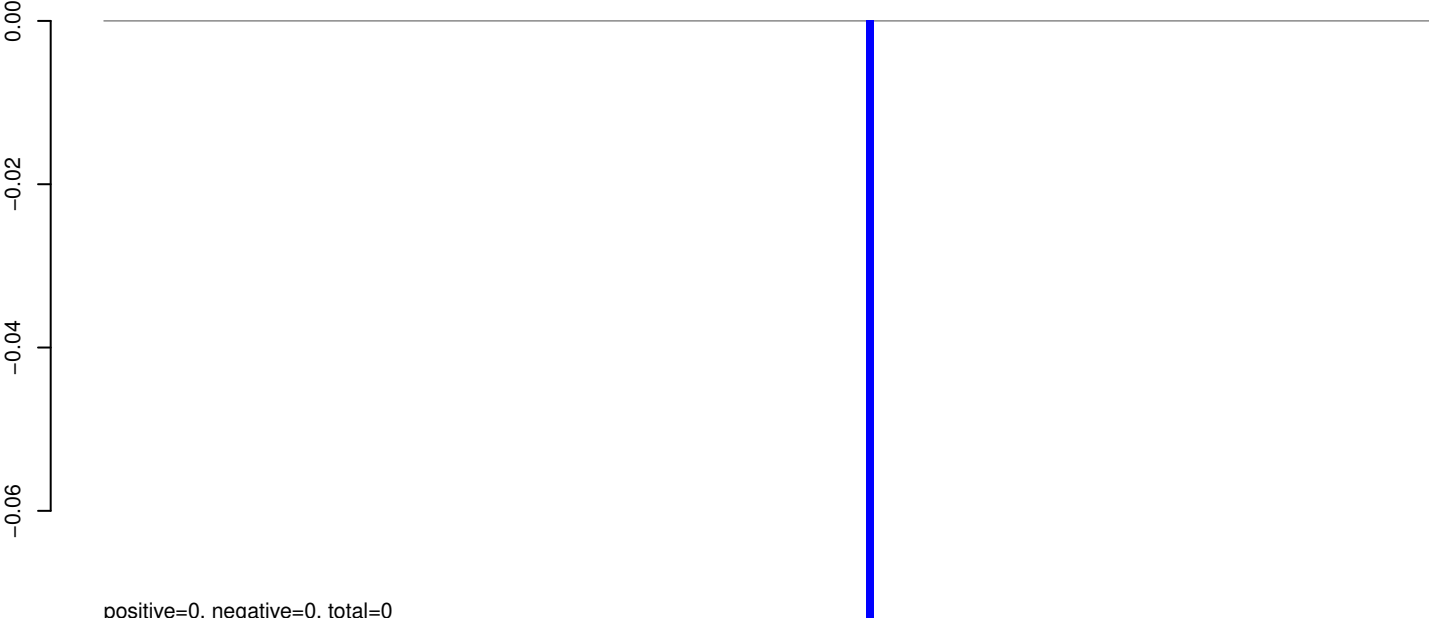
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



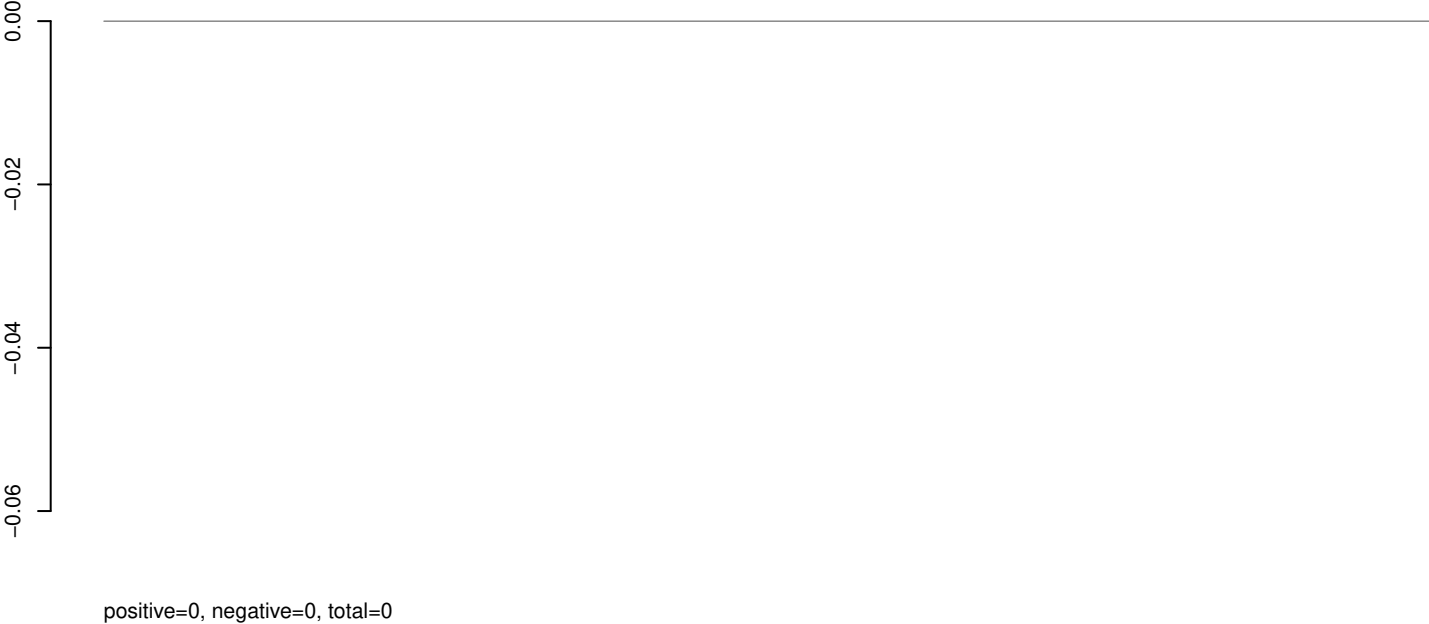
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



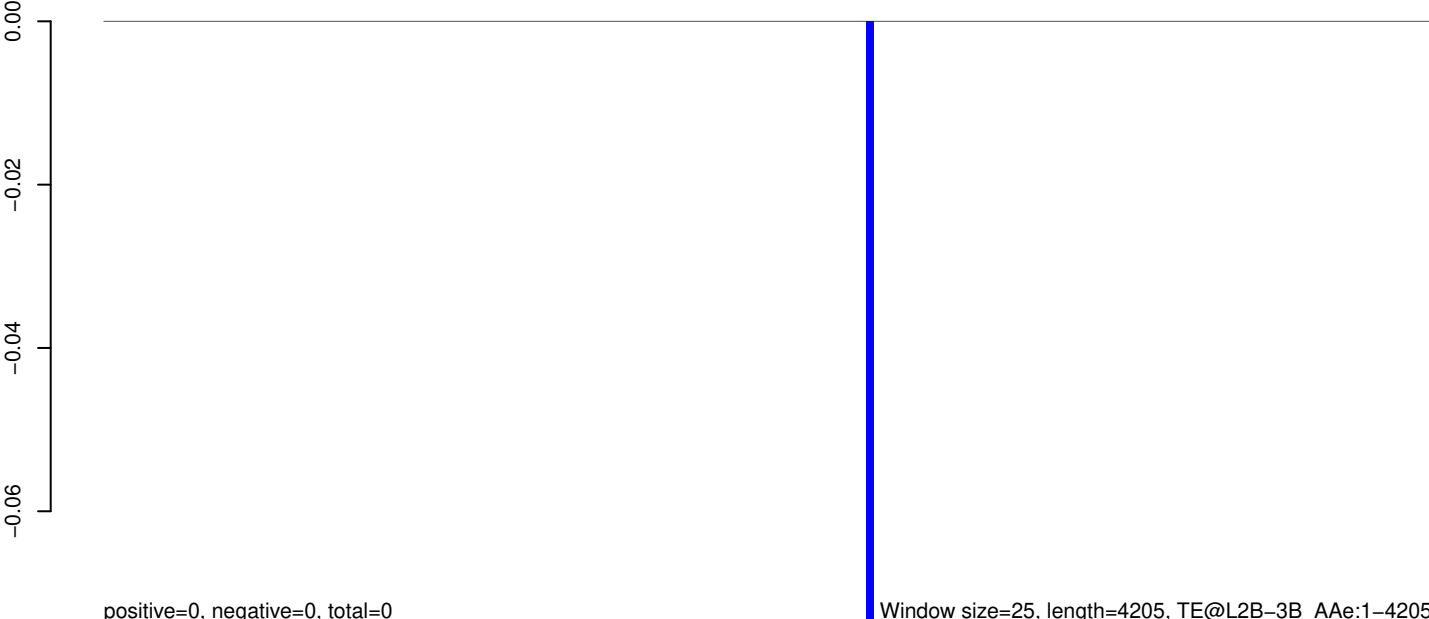
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



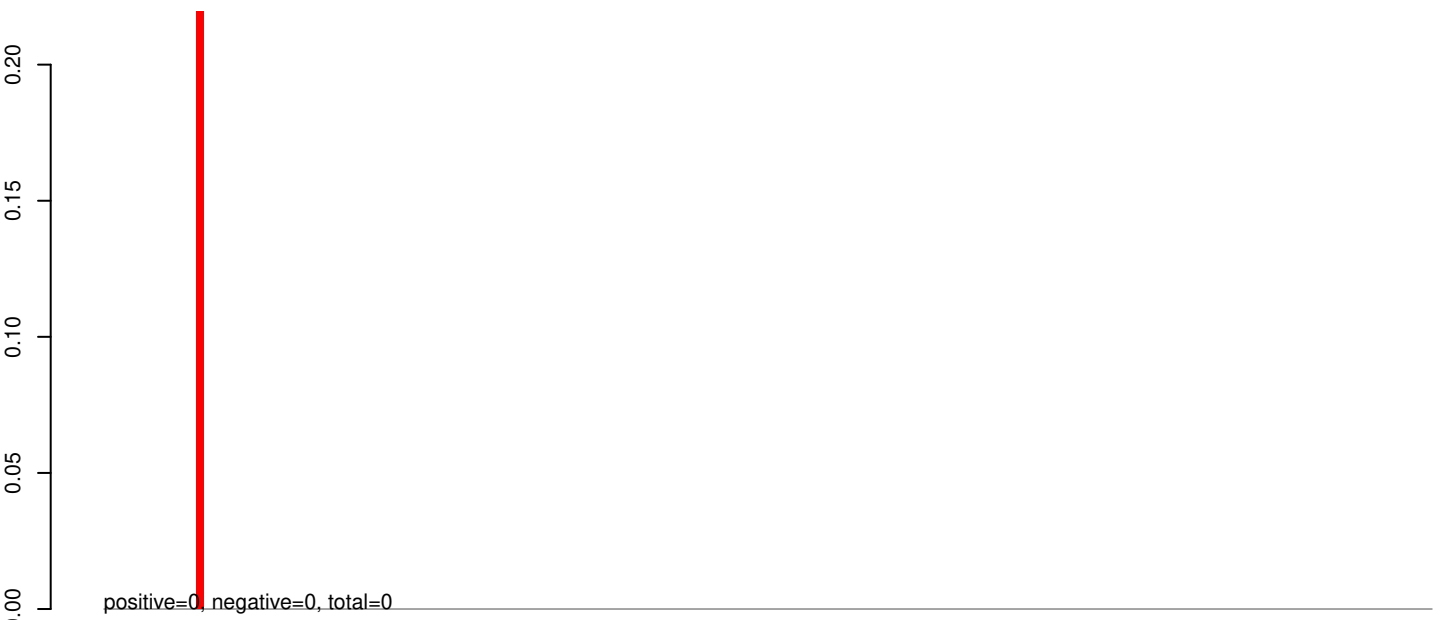
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



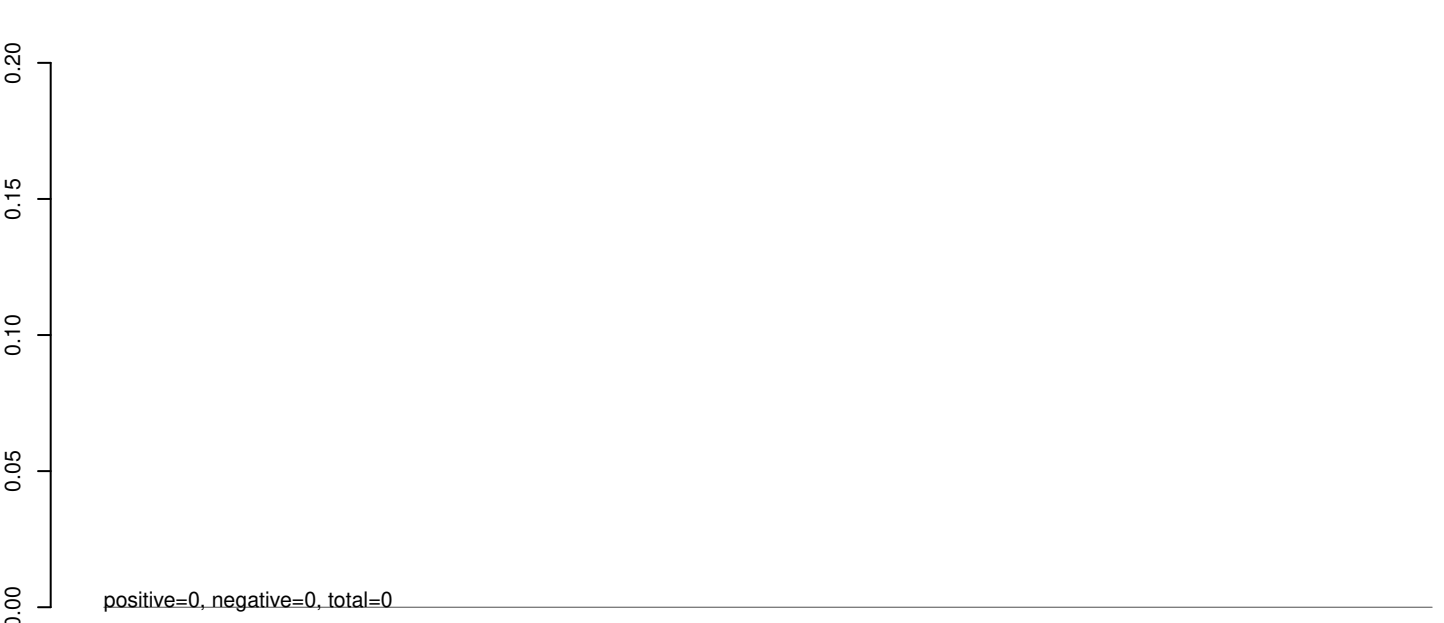
Window size=25, length=4205, TE@L2B-3B\_A Ae:1-4205

0 1000 2000 3000 4000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



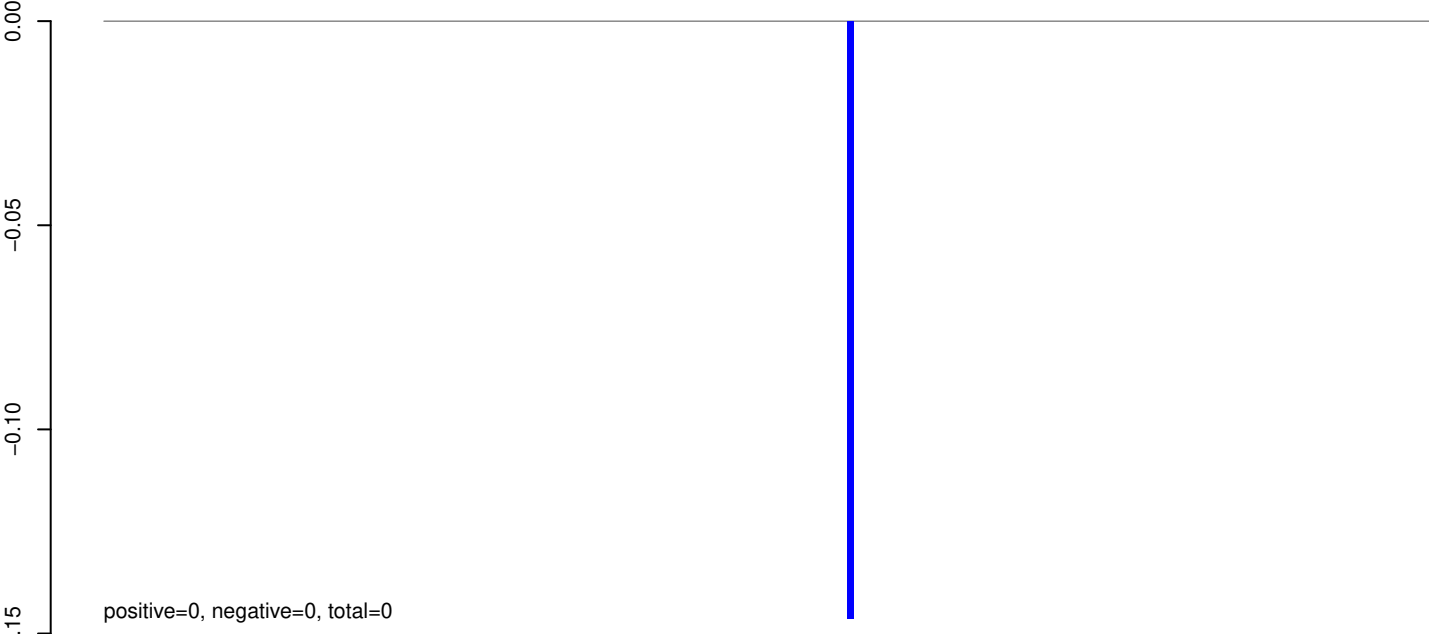
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



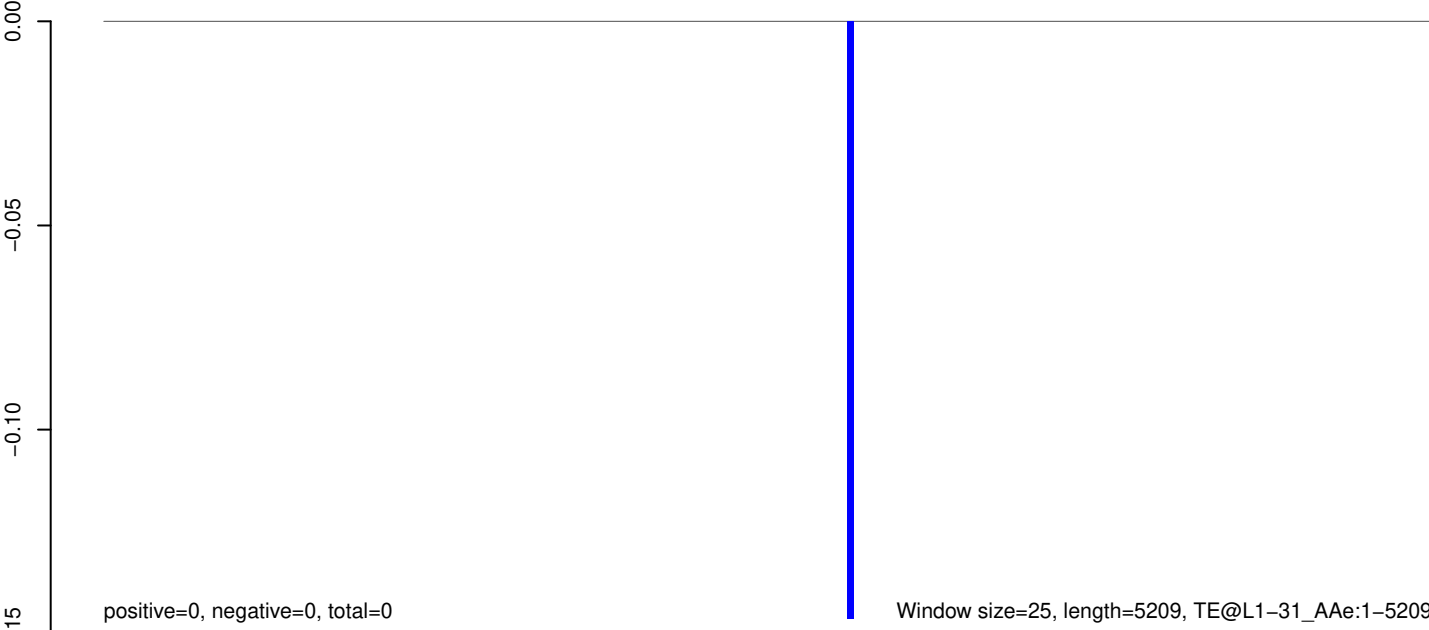
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



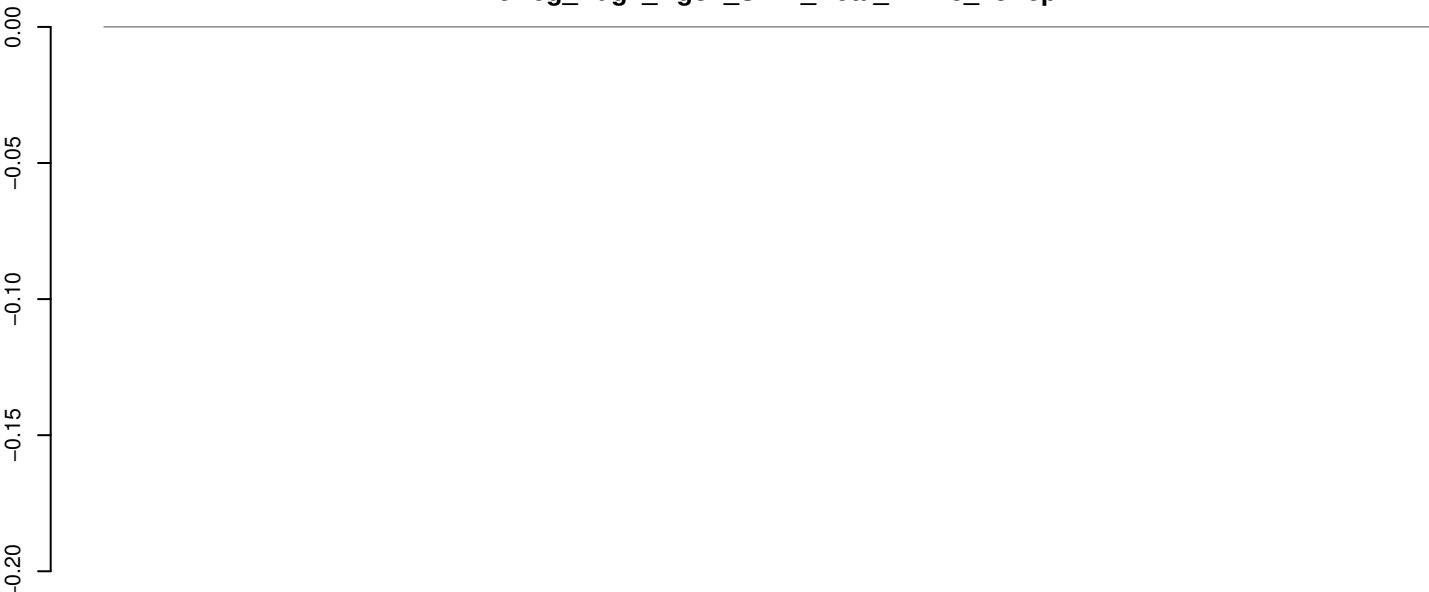
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

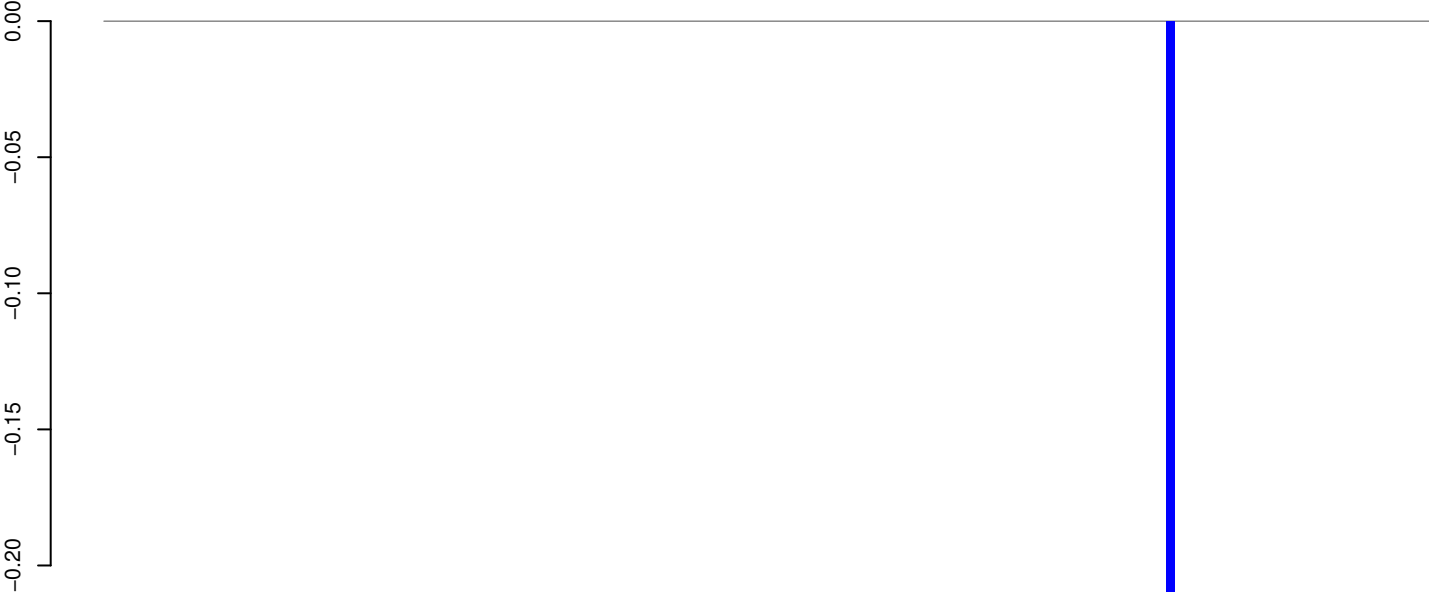


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



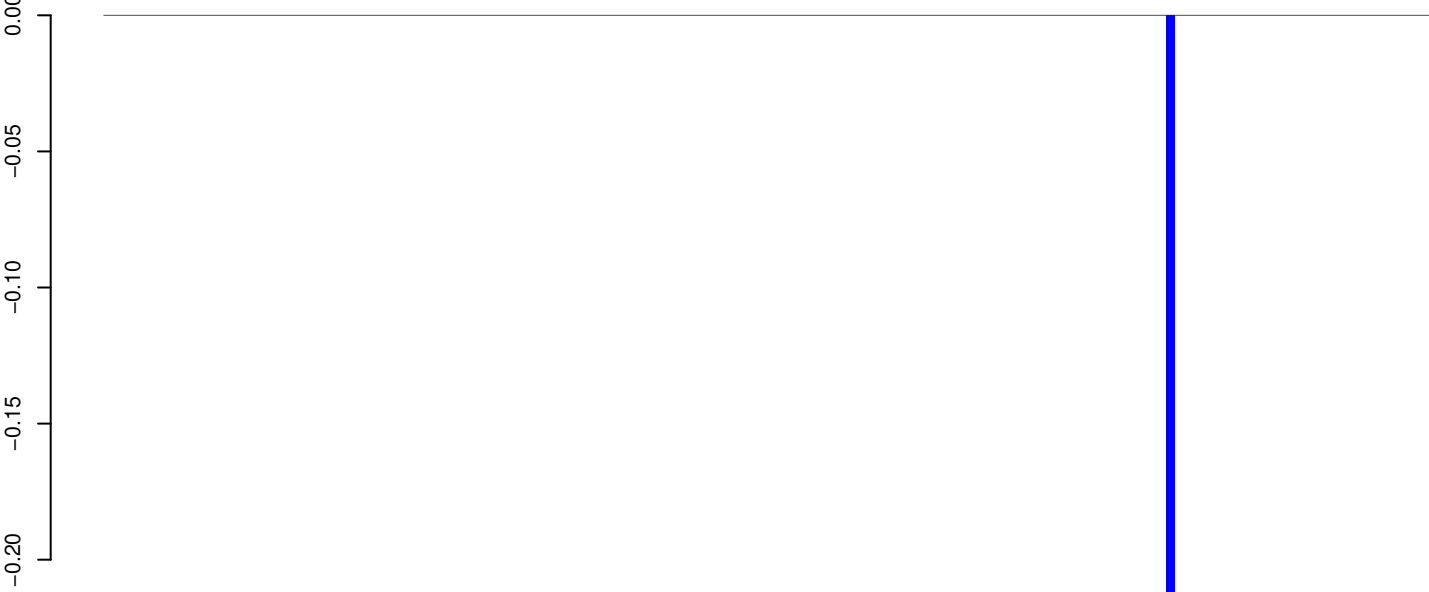
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



positive=0, negative=0, total=0

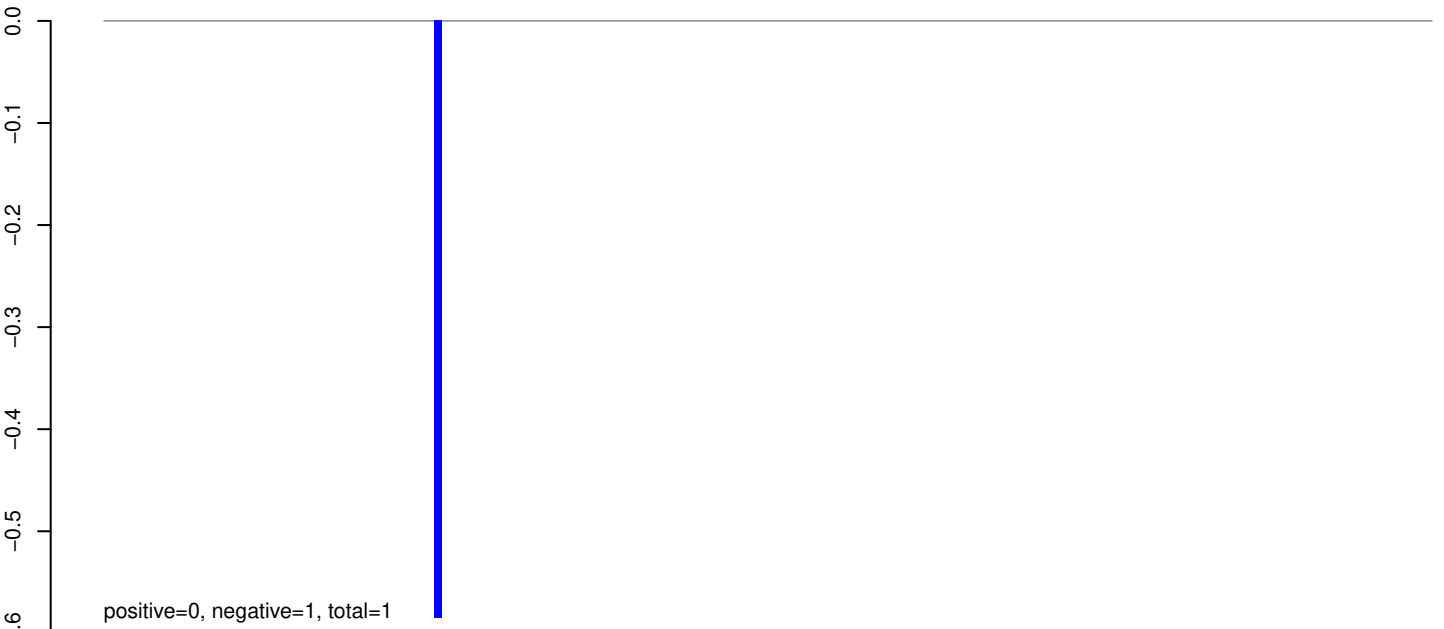
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



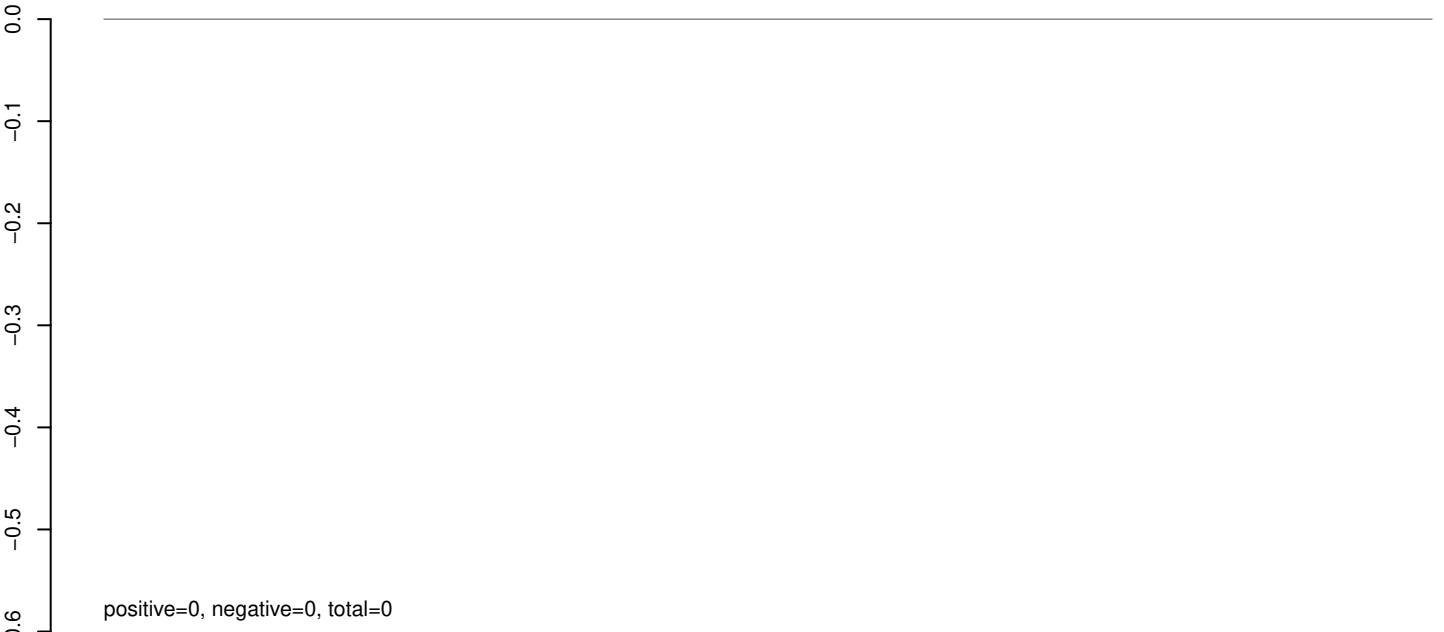
positive=0, negative=0, total=0

Window size=25, length=4104, TE@Kiri-37\_AAe:1-4104

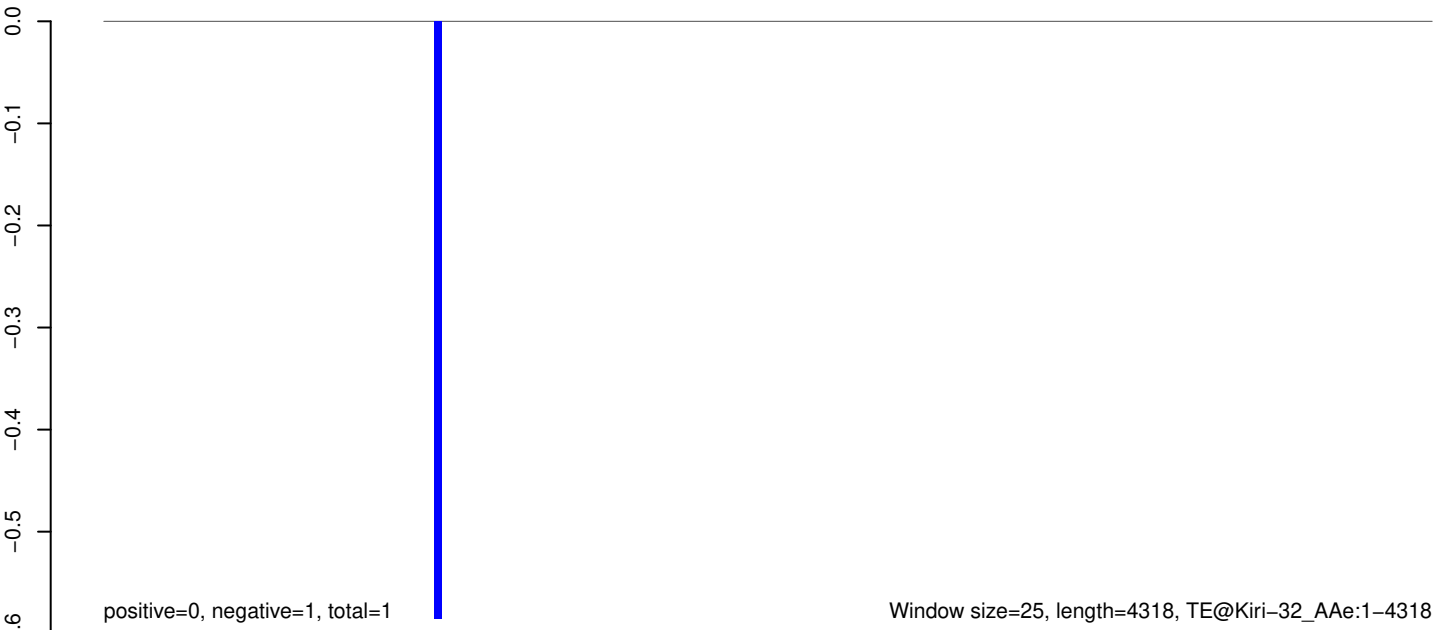
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

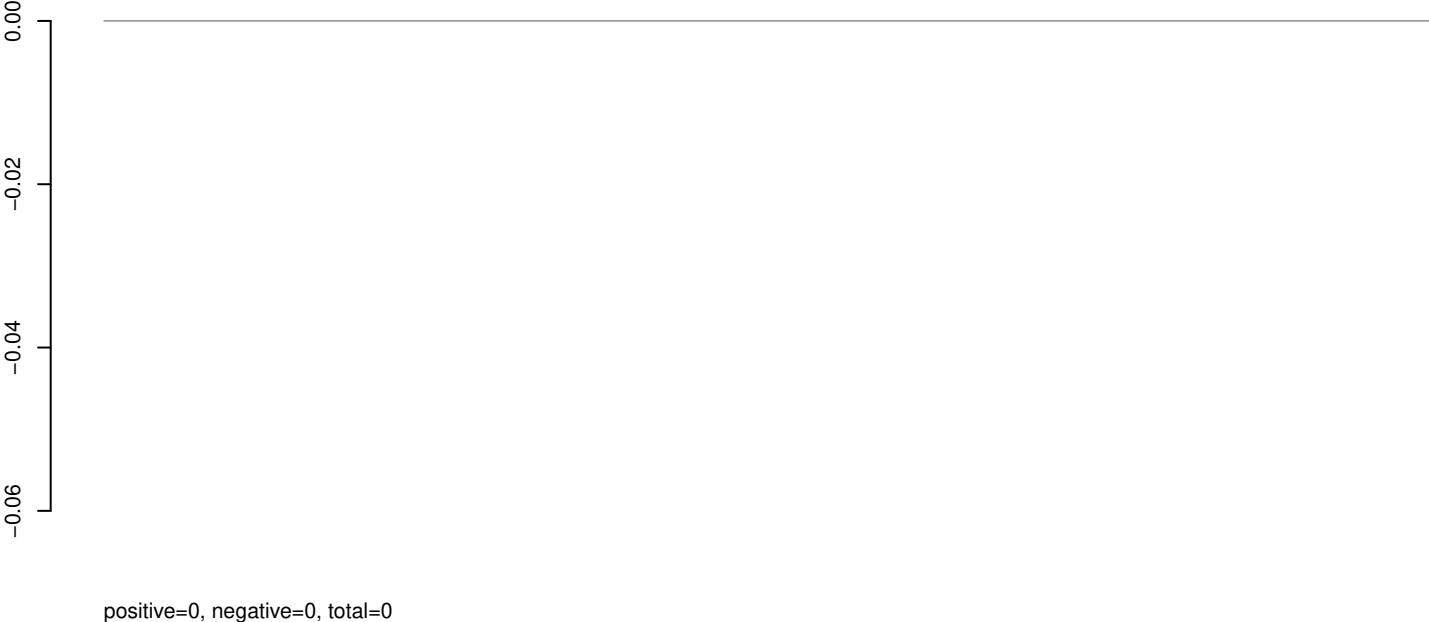


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

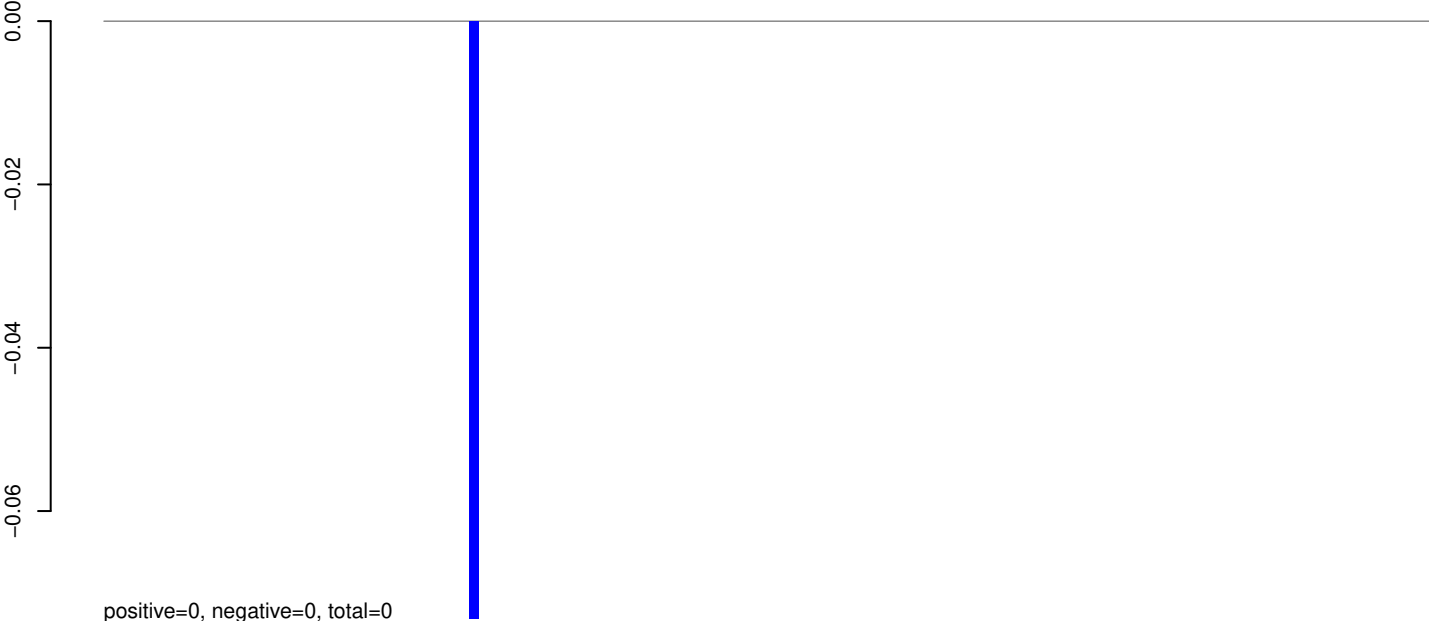




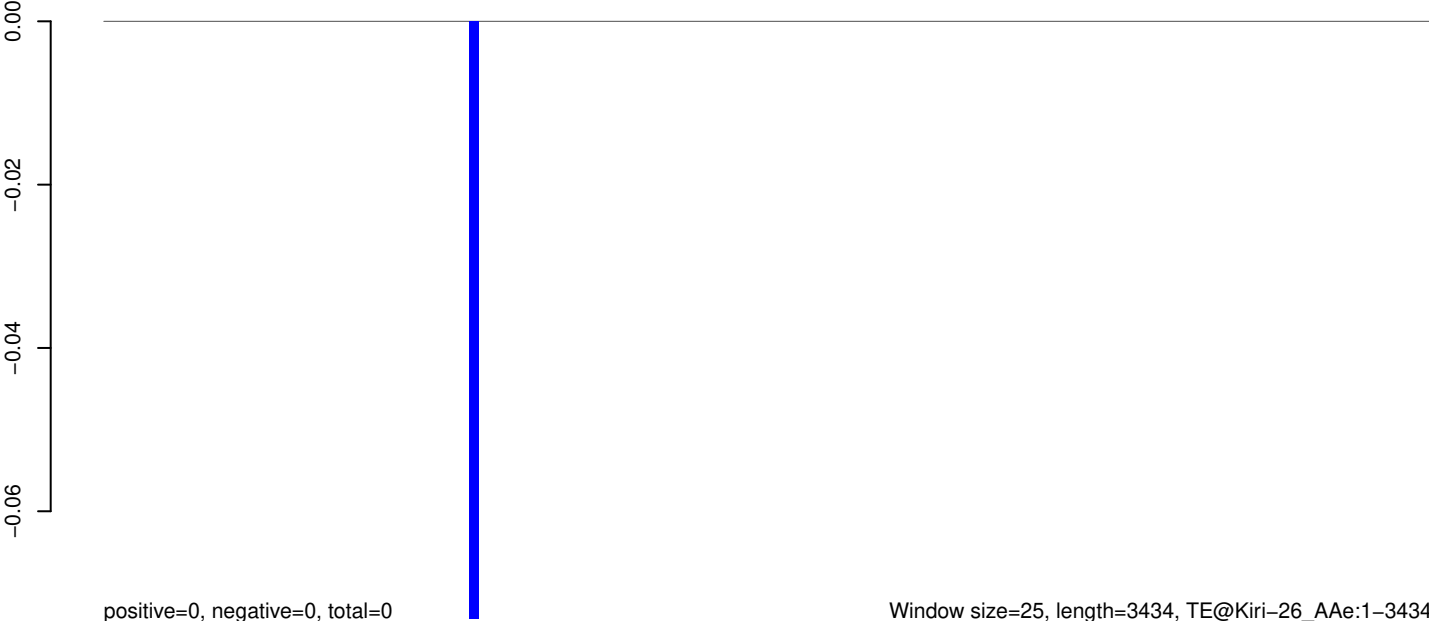
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



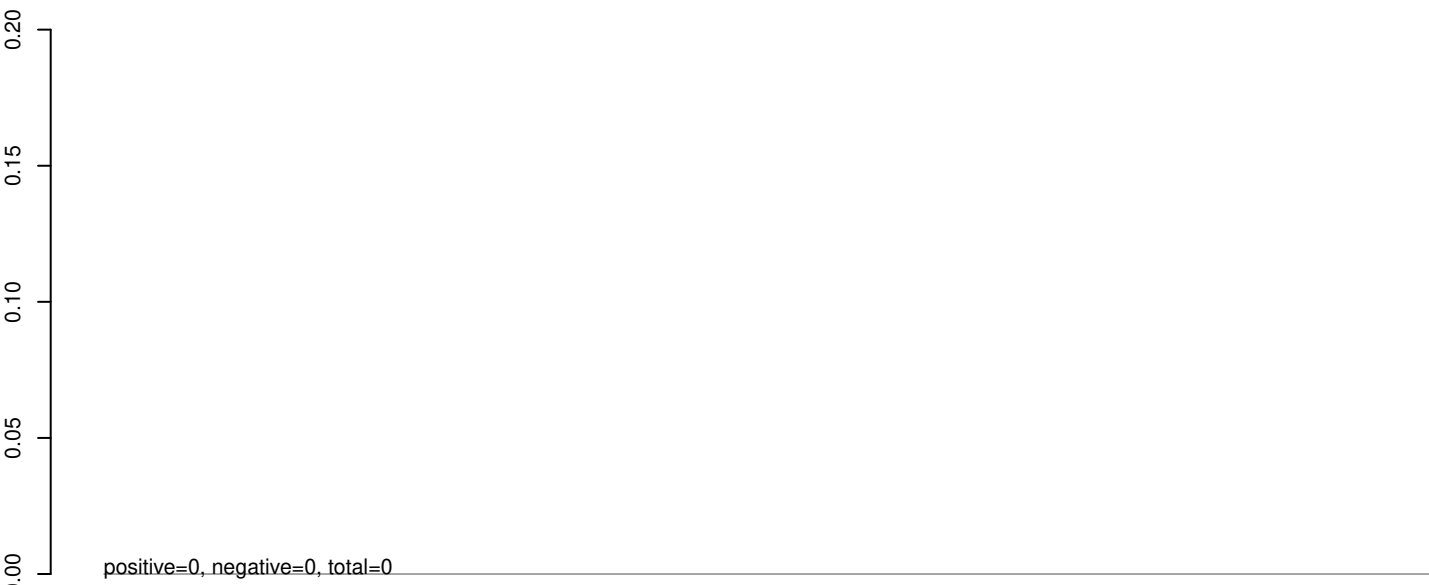
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



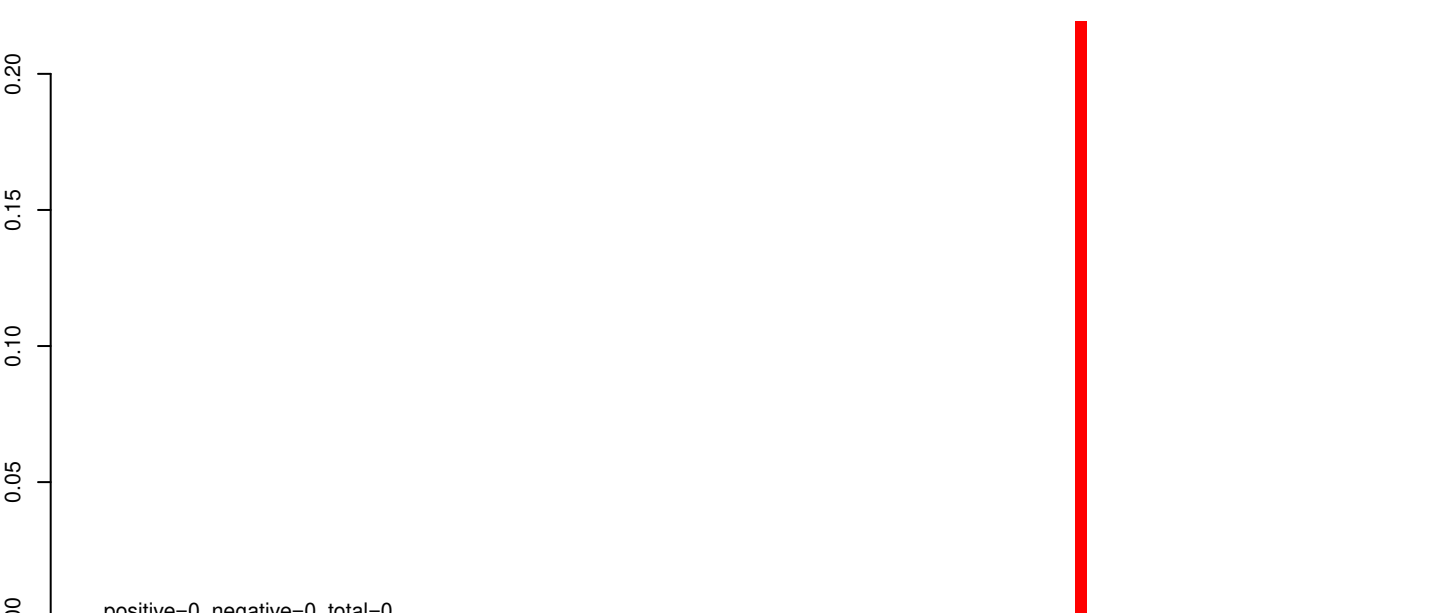
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

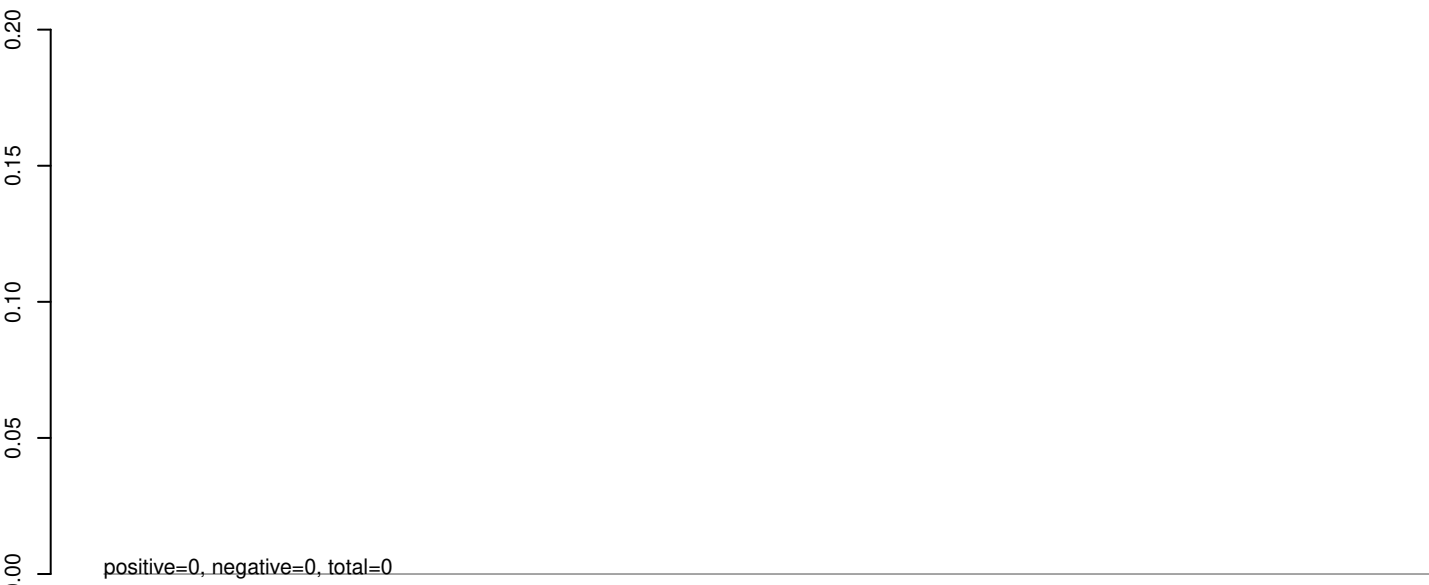


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

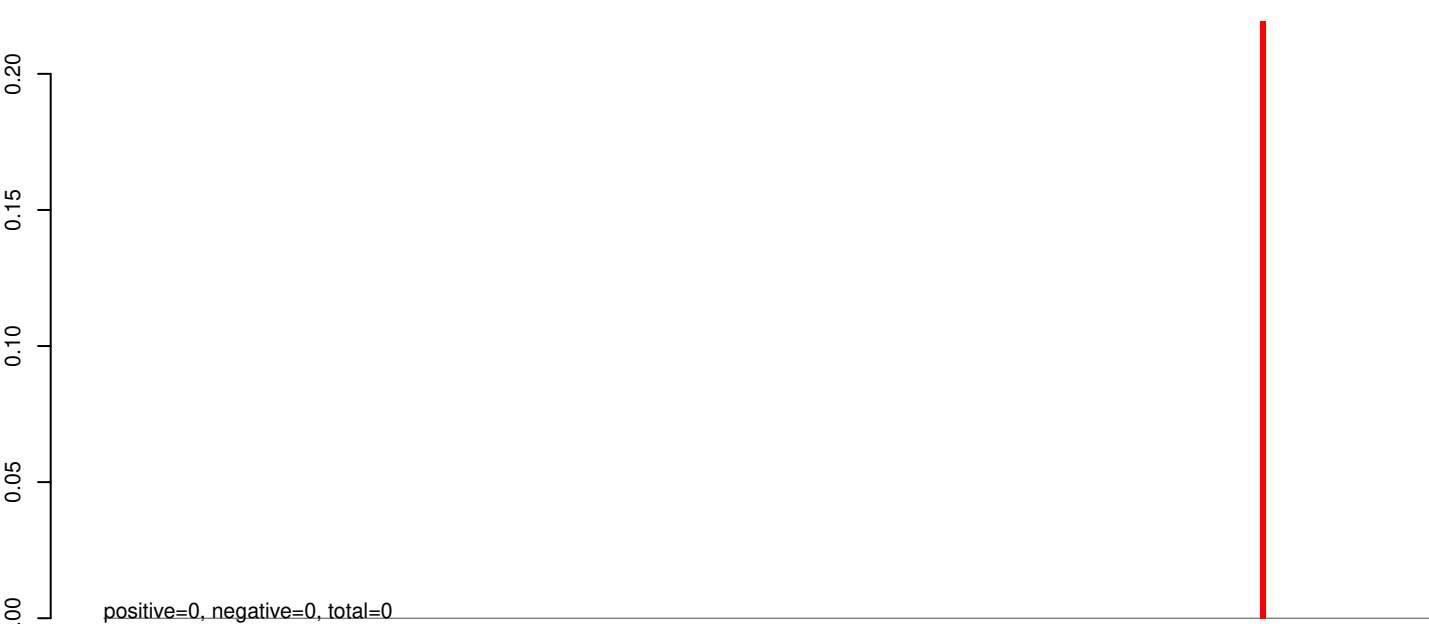


0 500 1000 1500 2000 2500 3000

AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



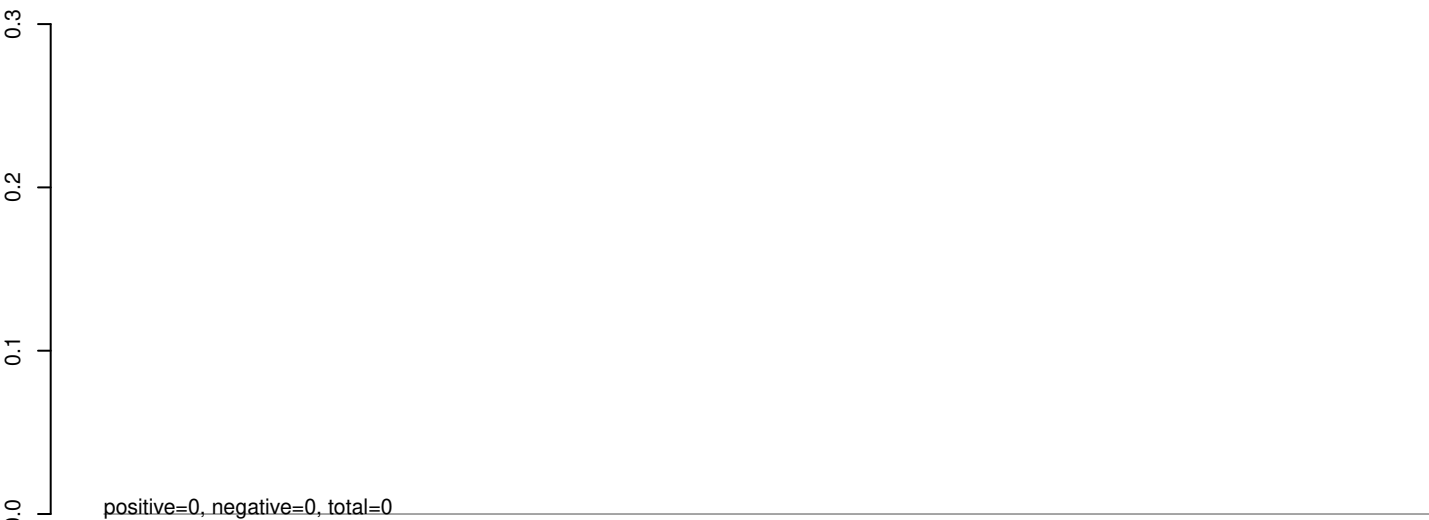
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



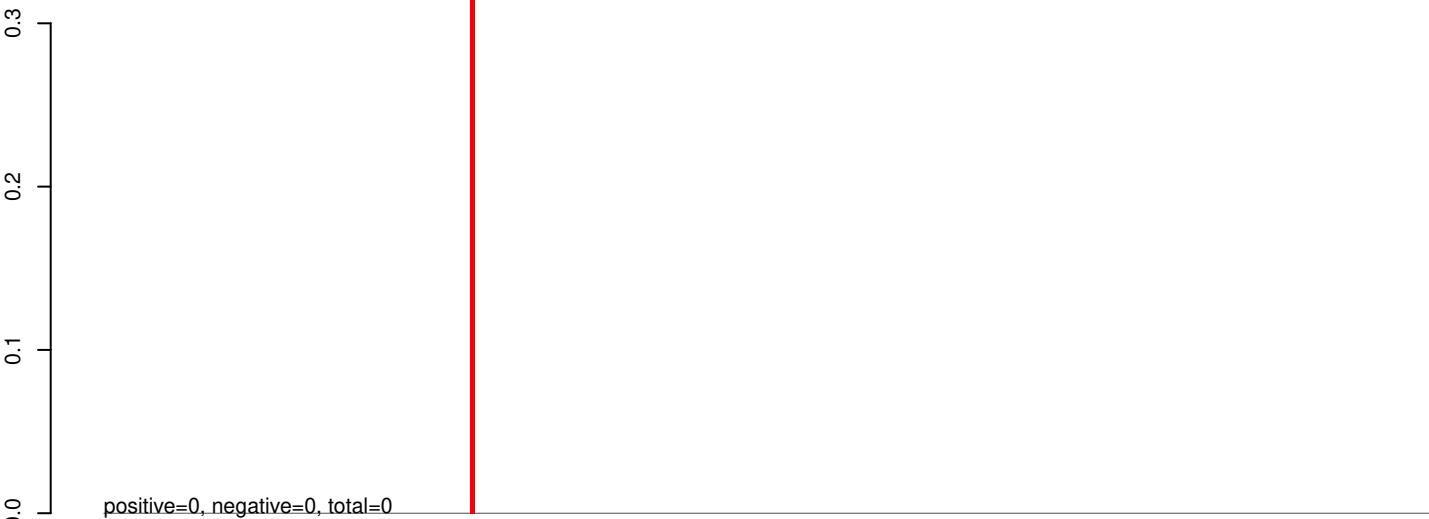
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



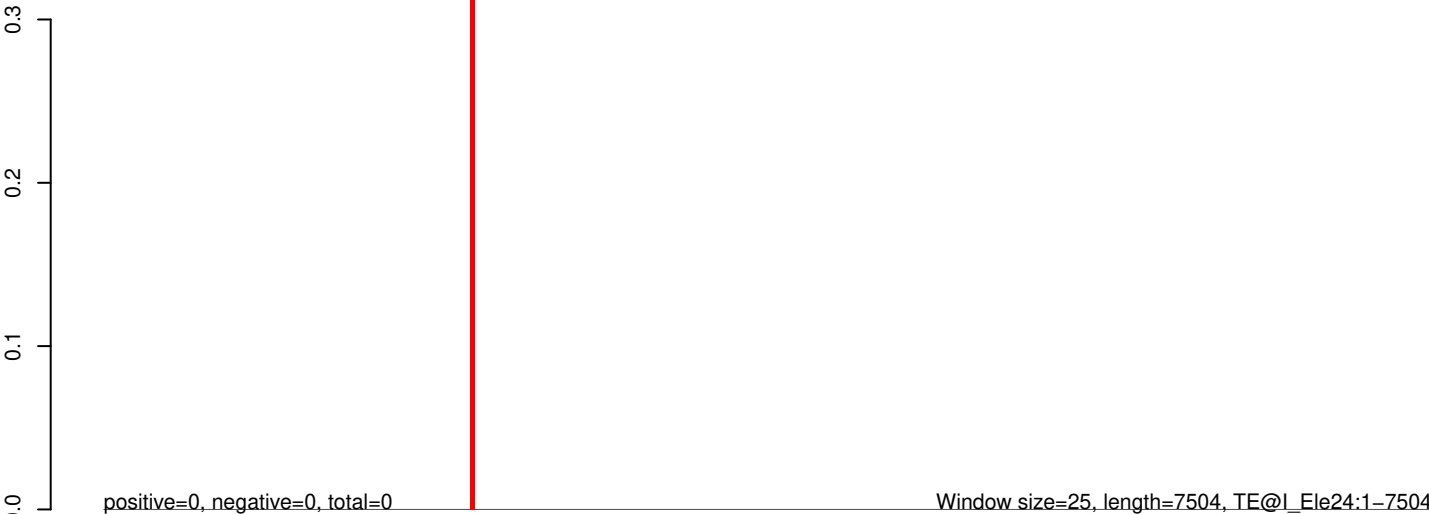
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

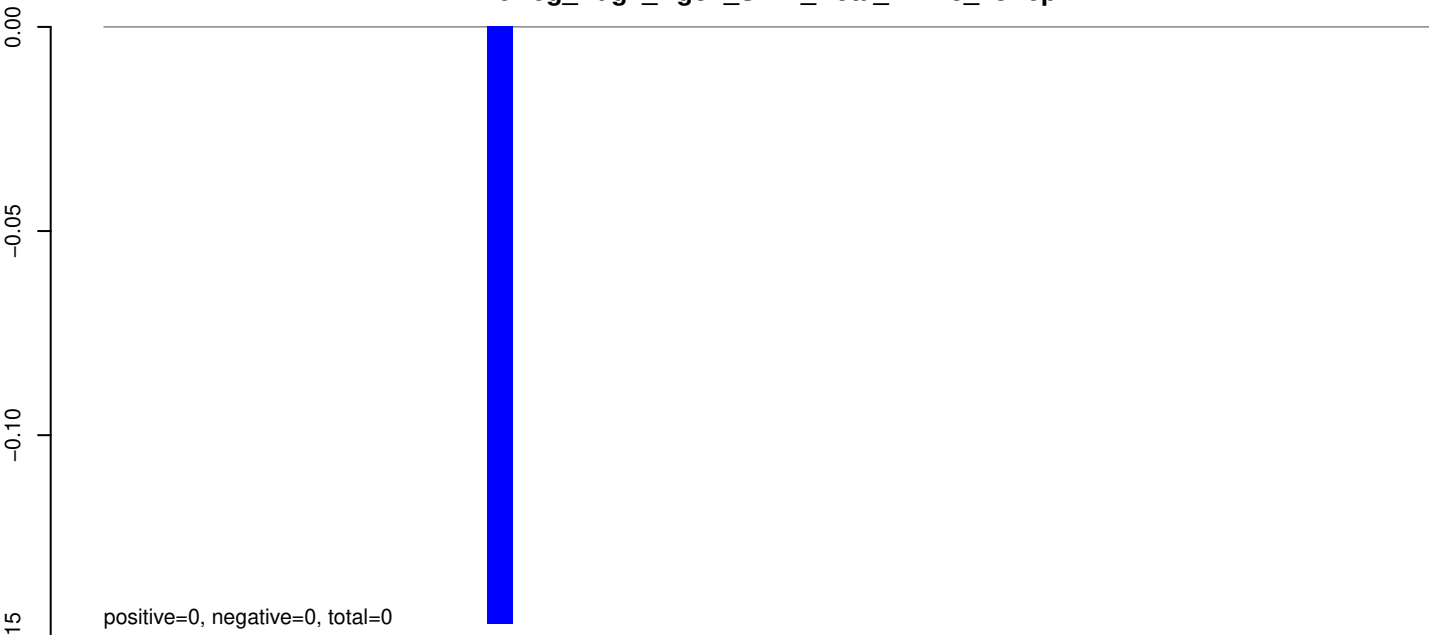
0.00  
-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

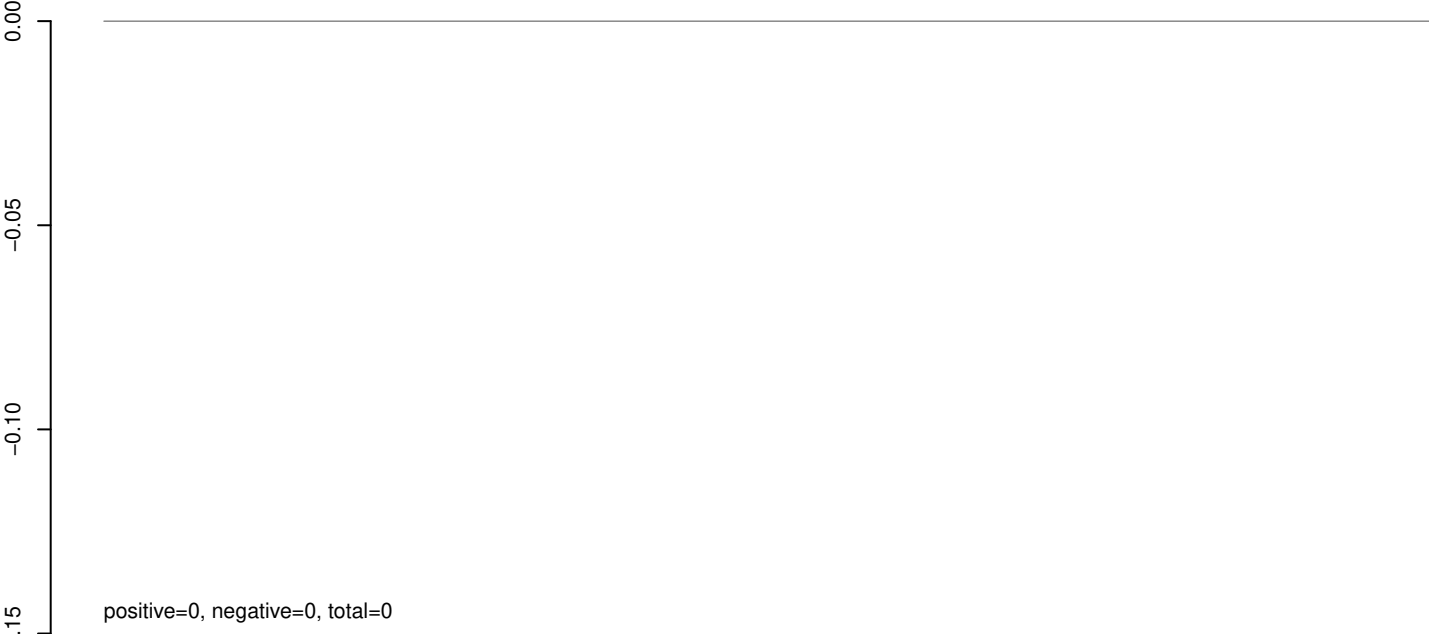
Window size=25, length=944, TE@ITmD37E-N1\_AAe:1-944

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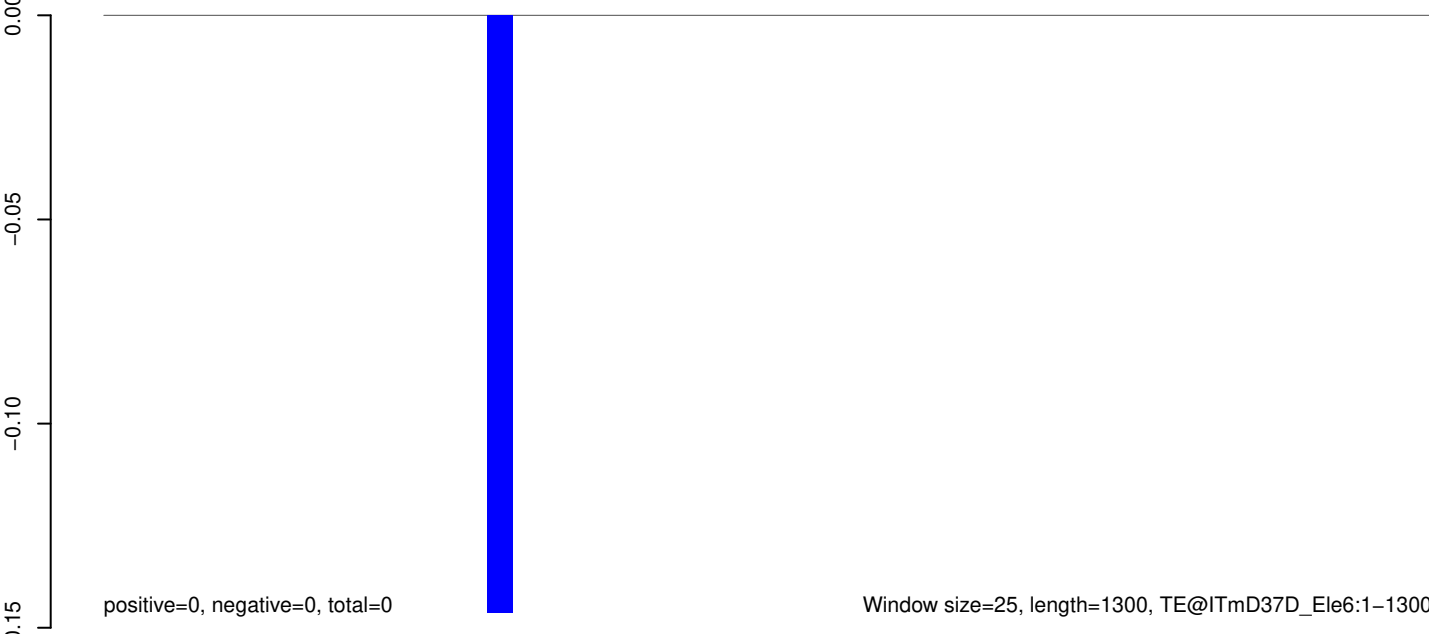
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



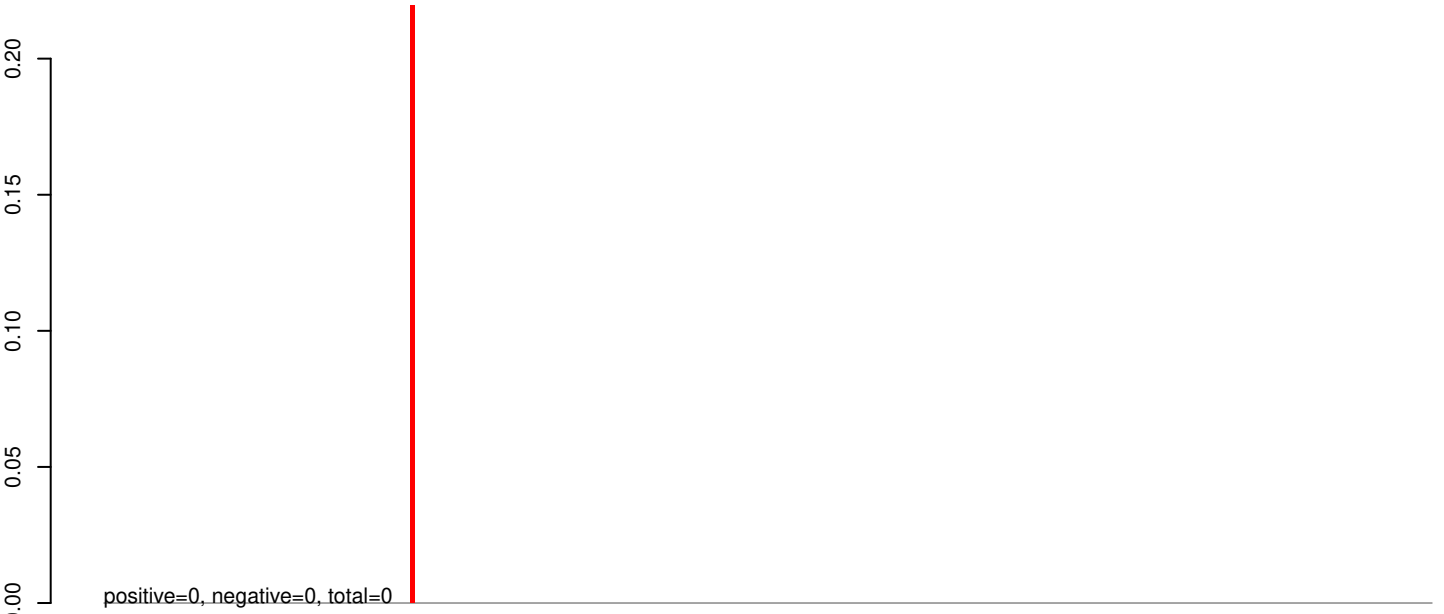
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



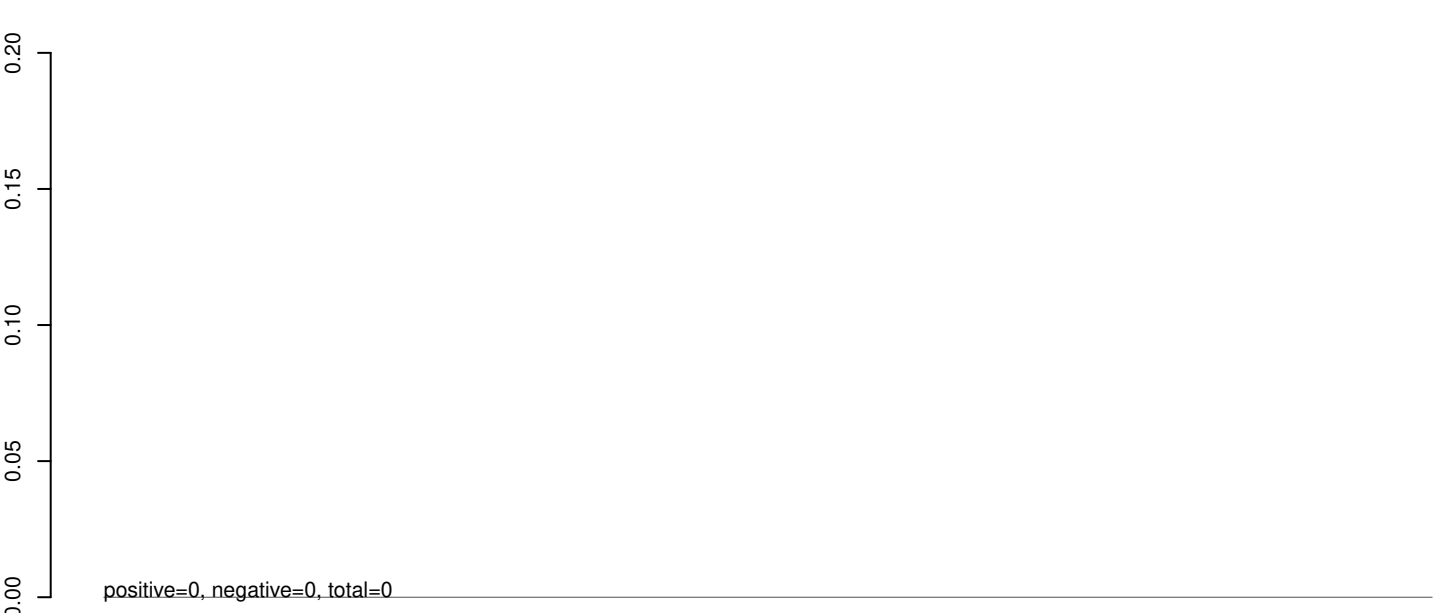
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

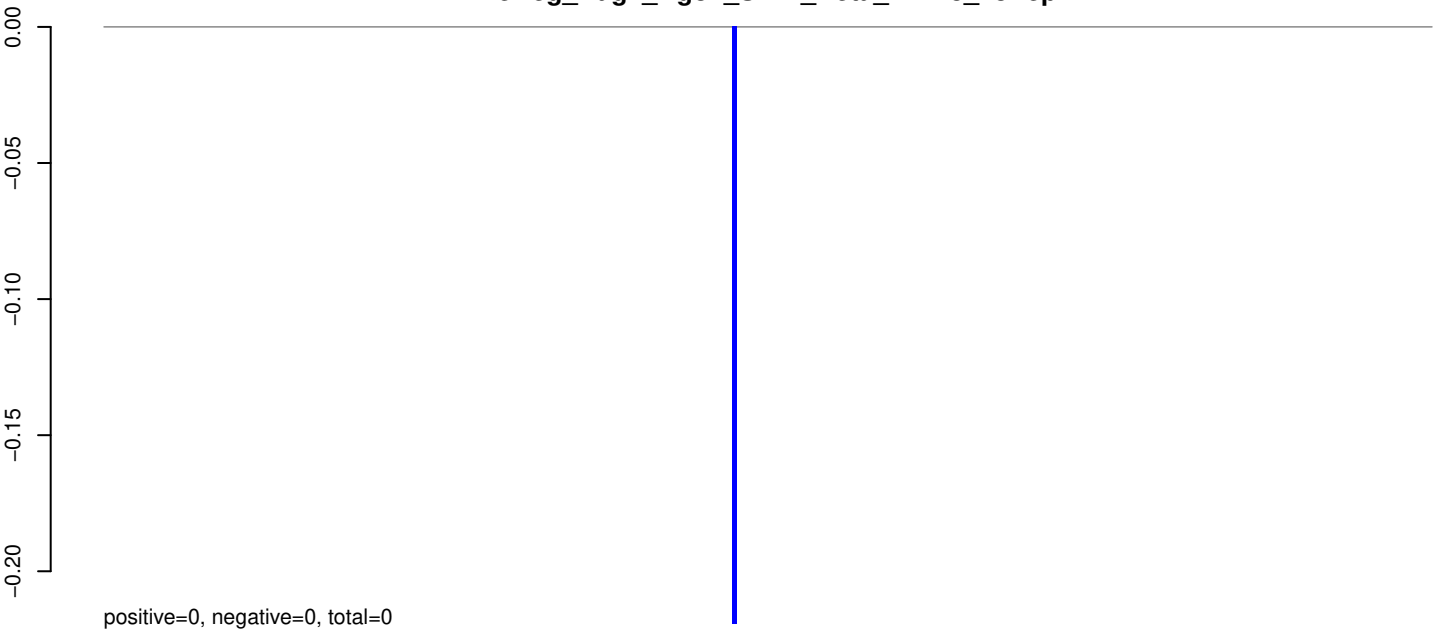


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

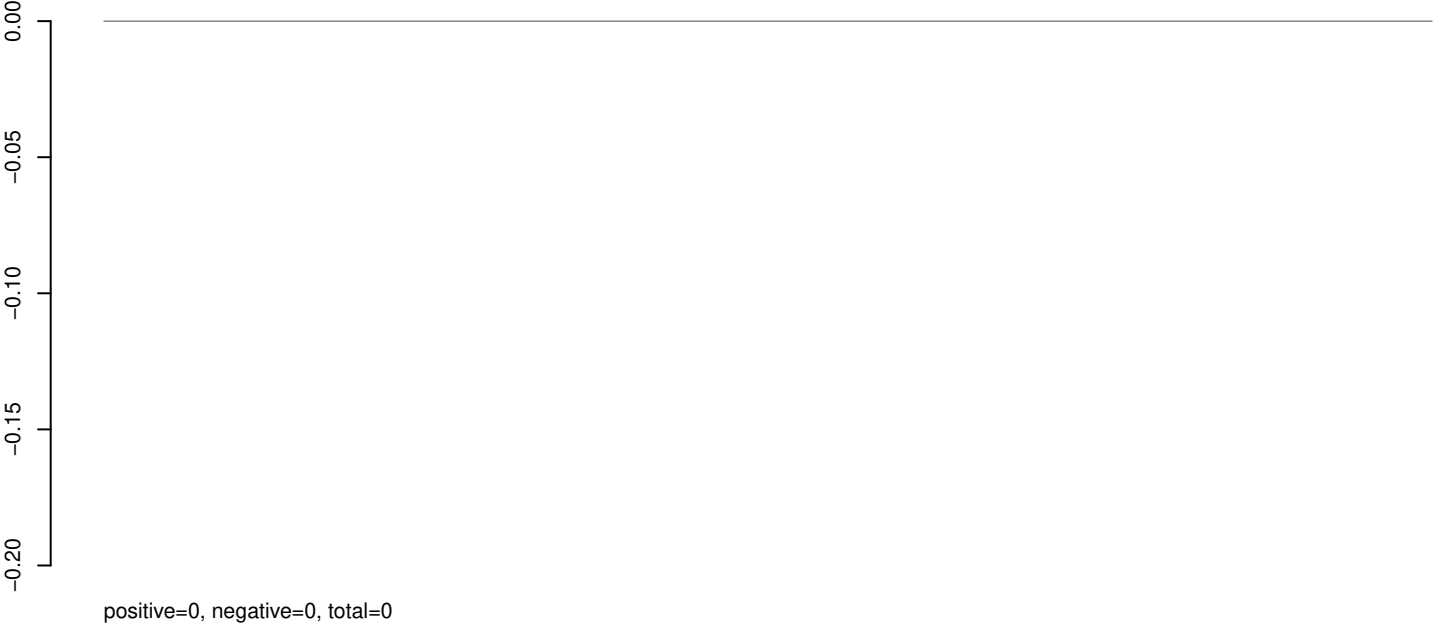


0 2000 4000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

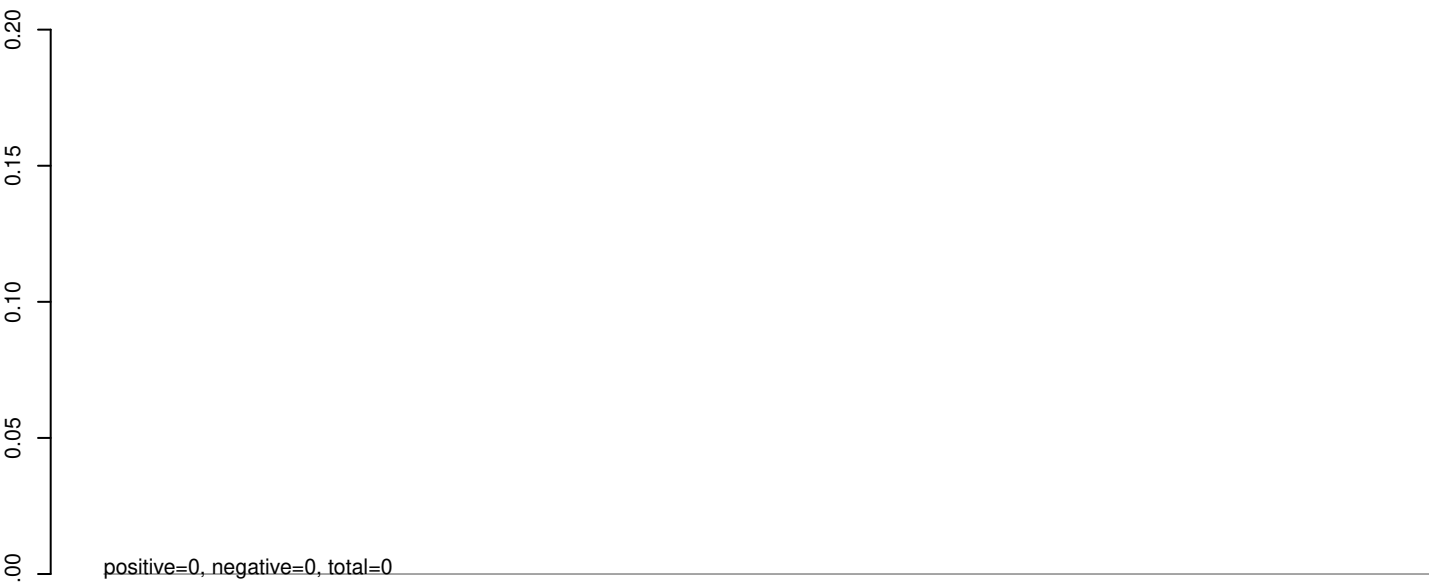


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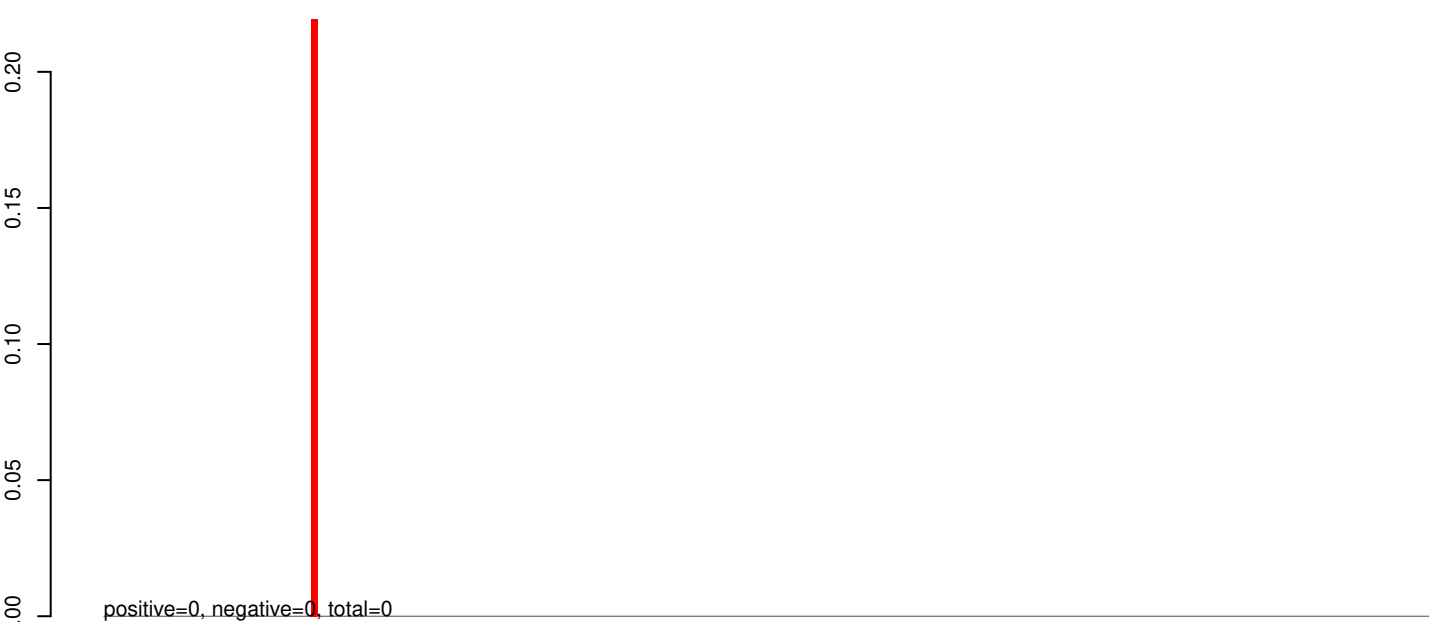
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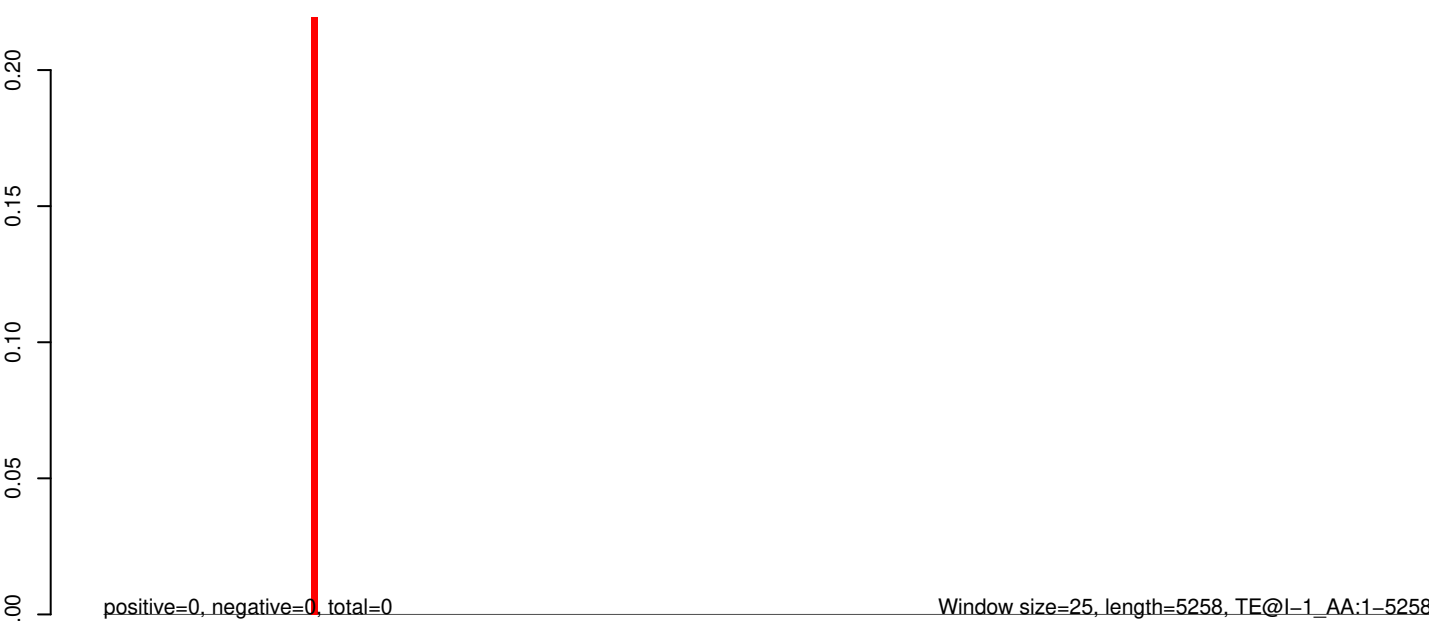
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



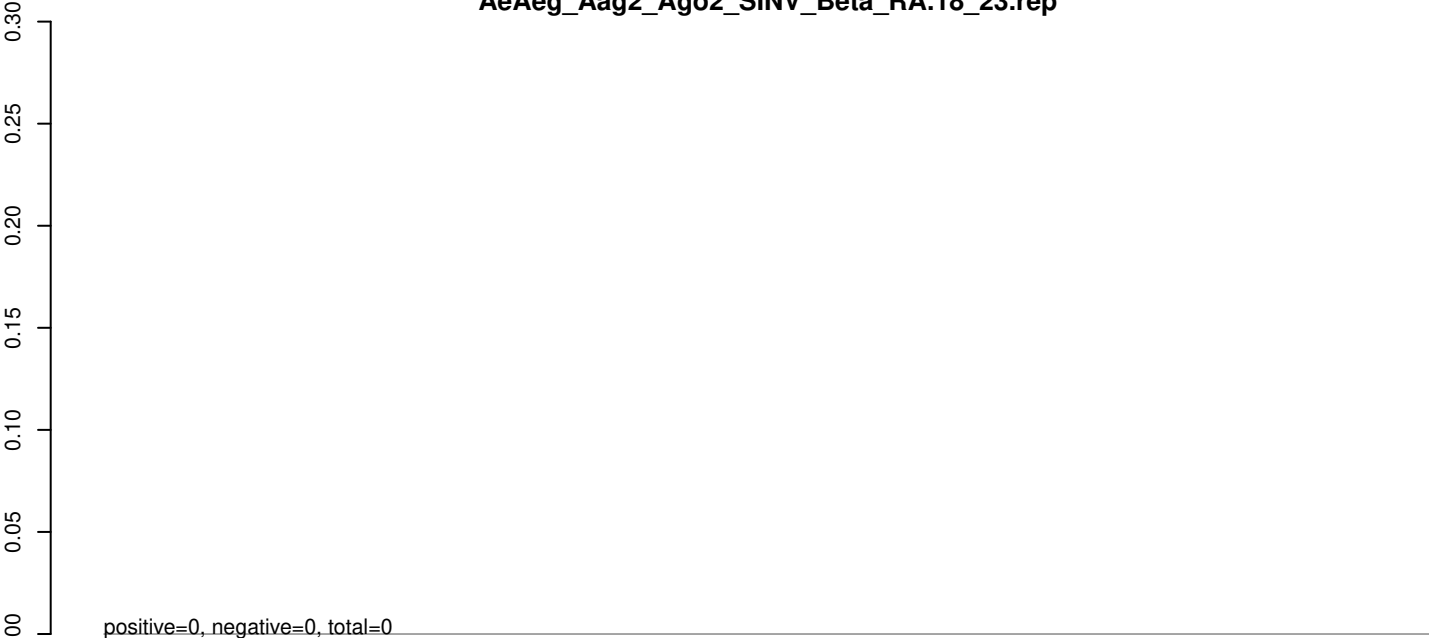
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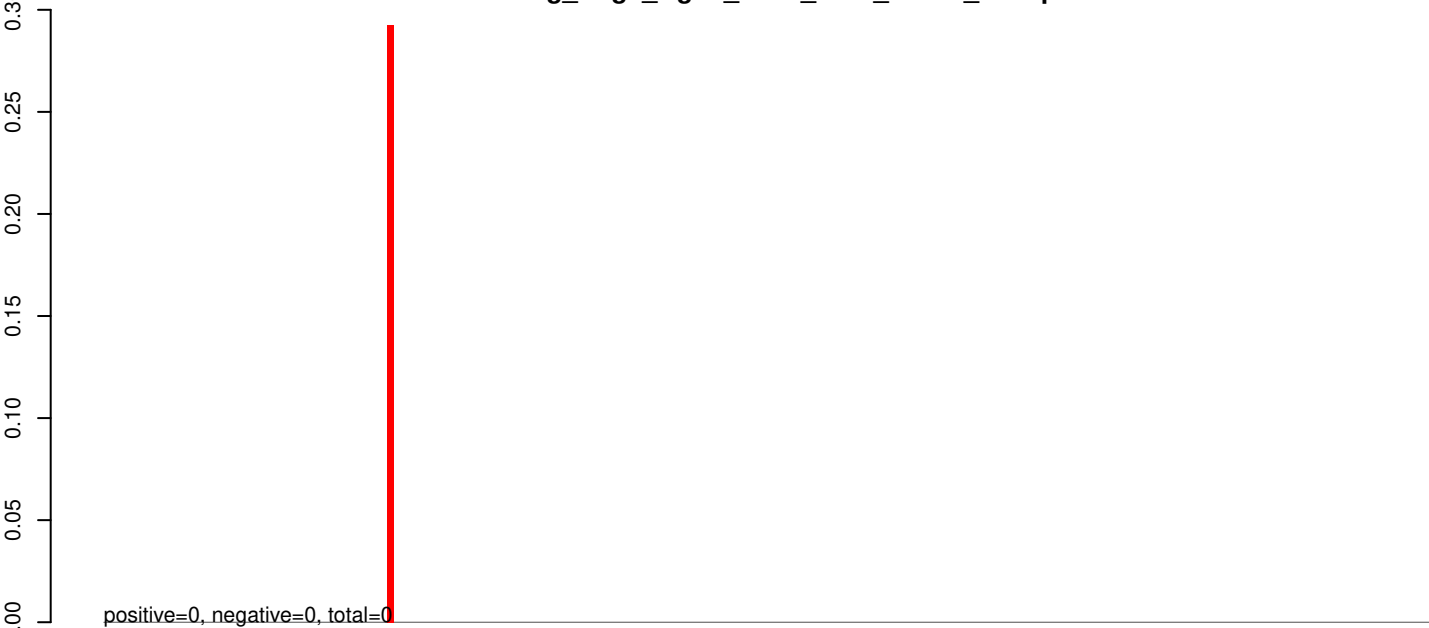
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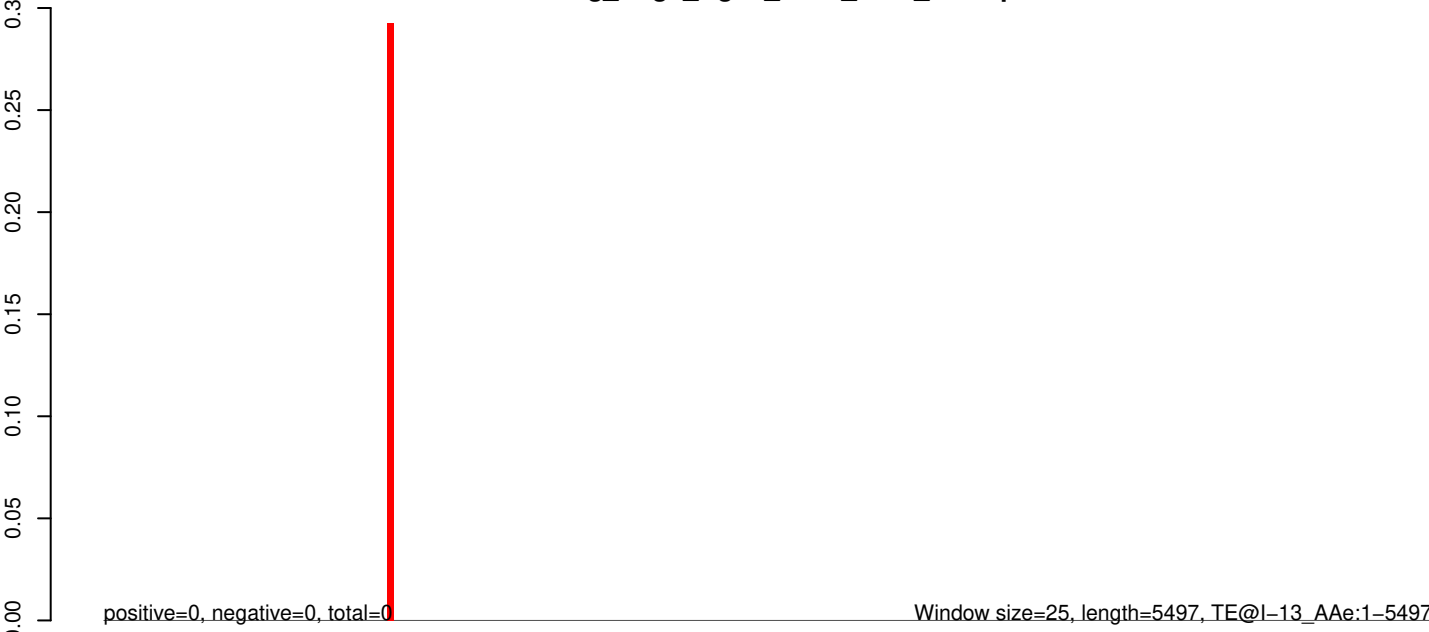
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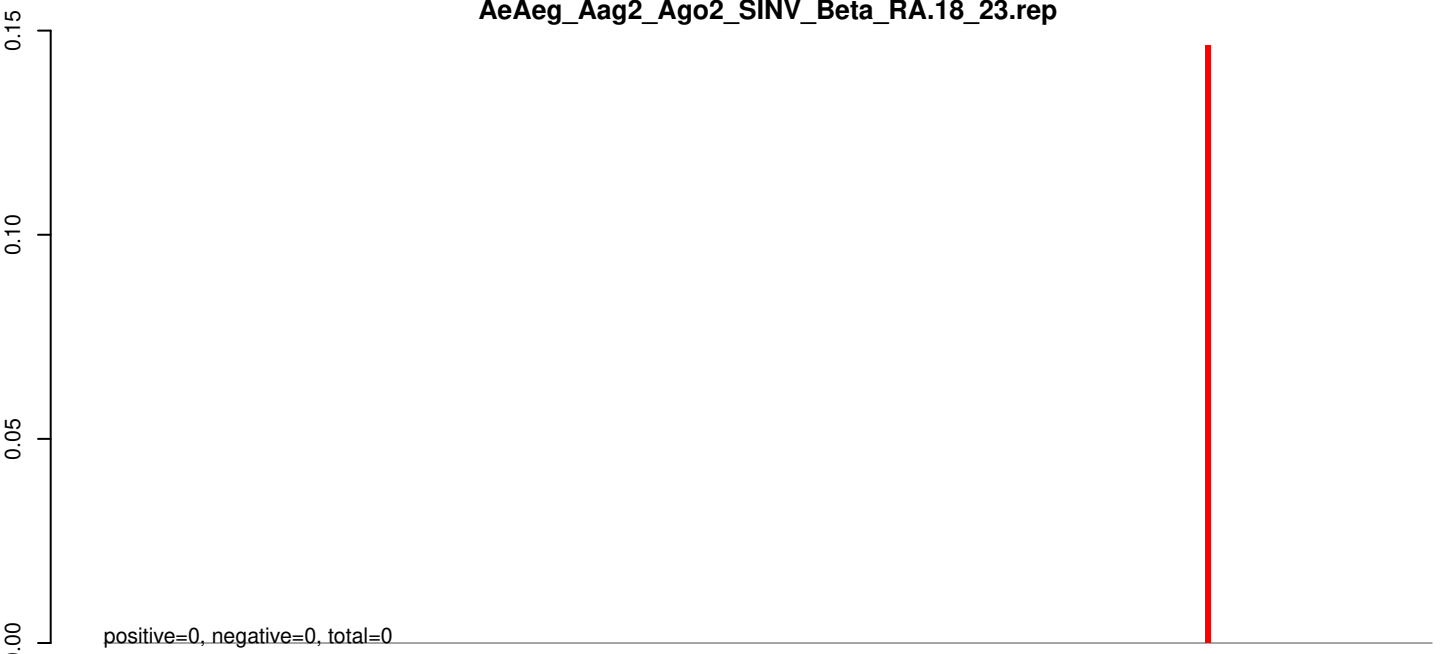
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



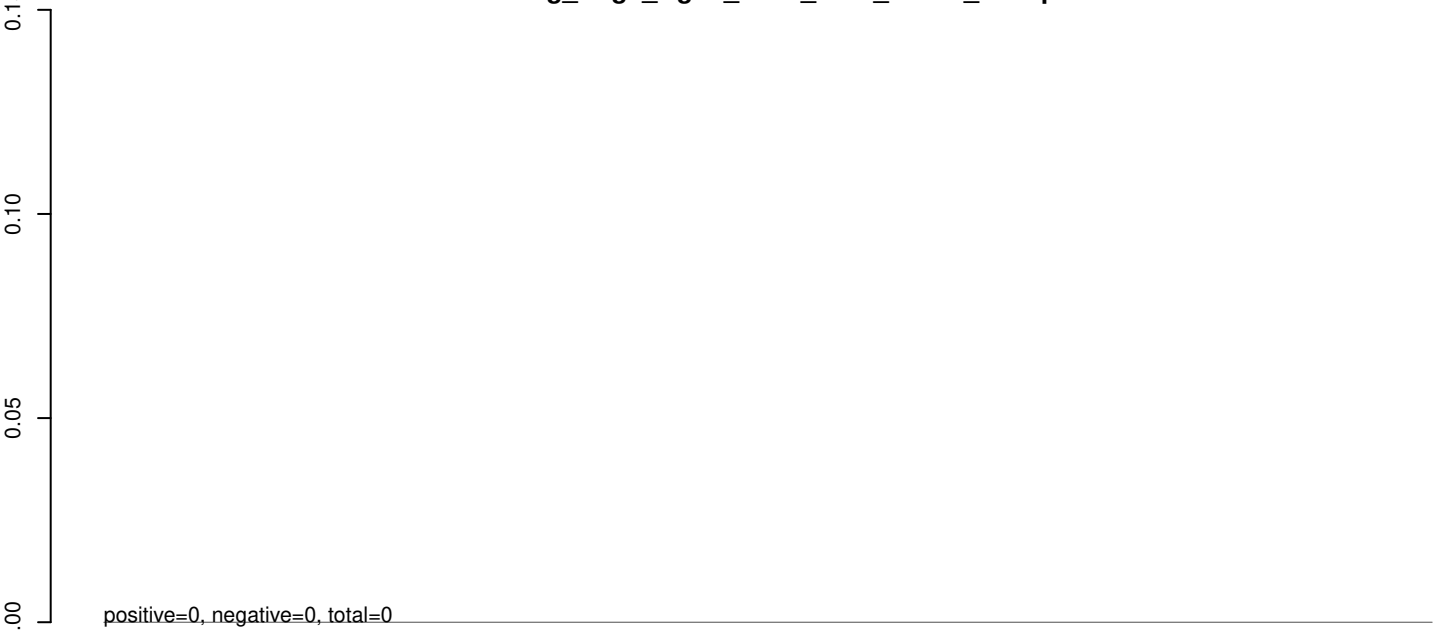
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



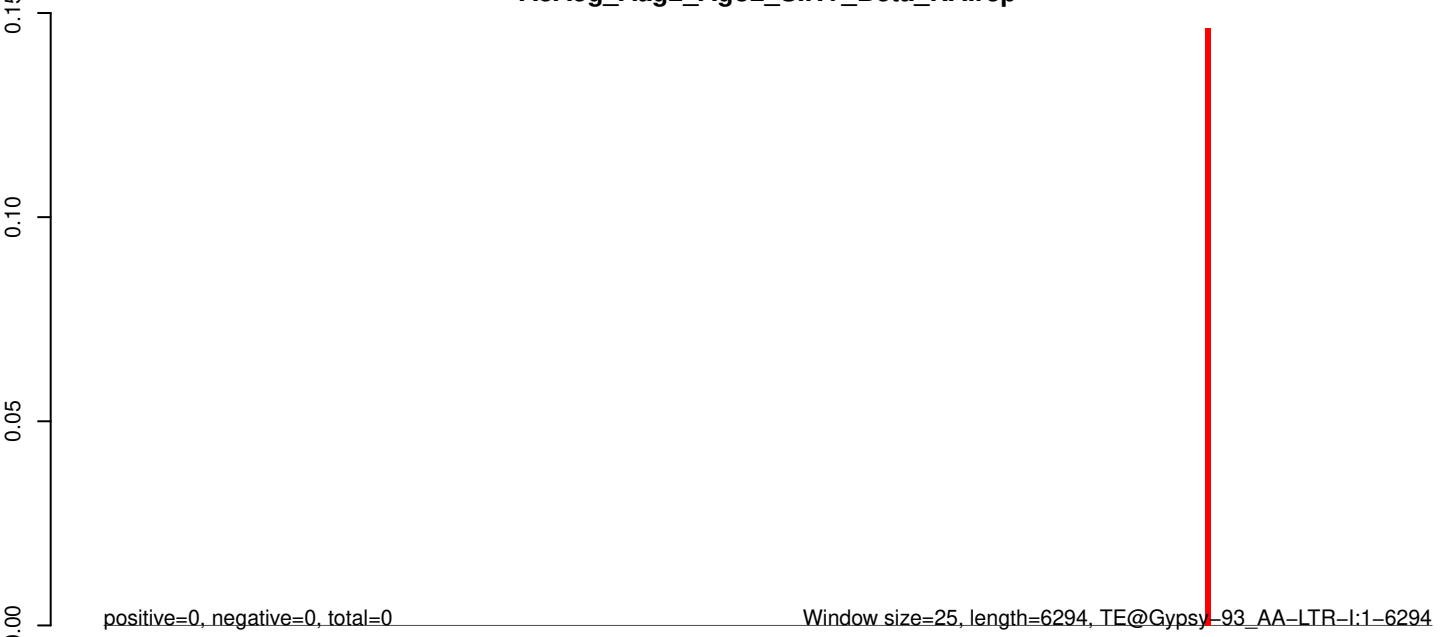
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

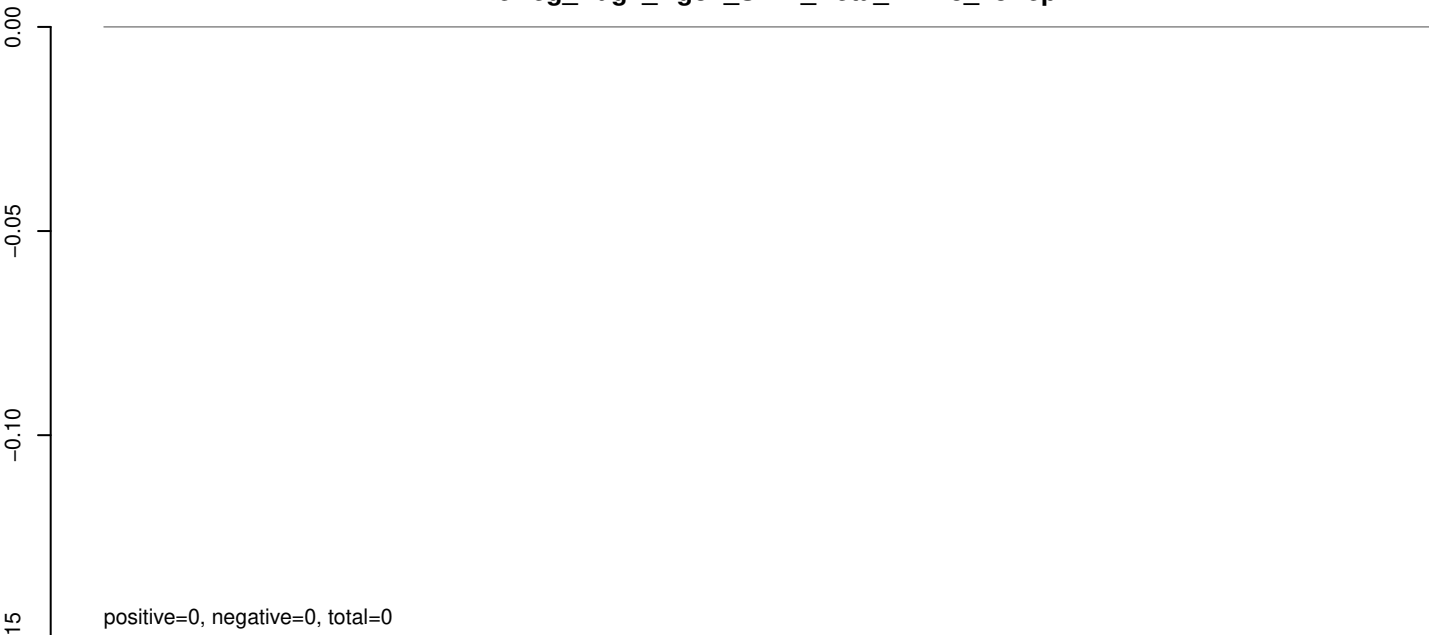


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

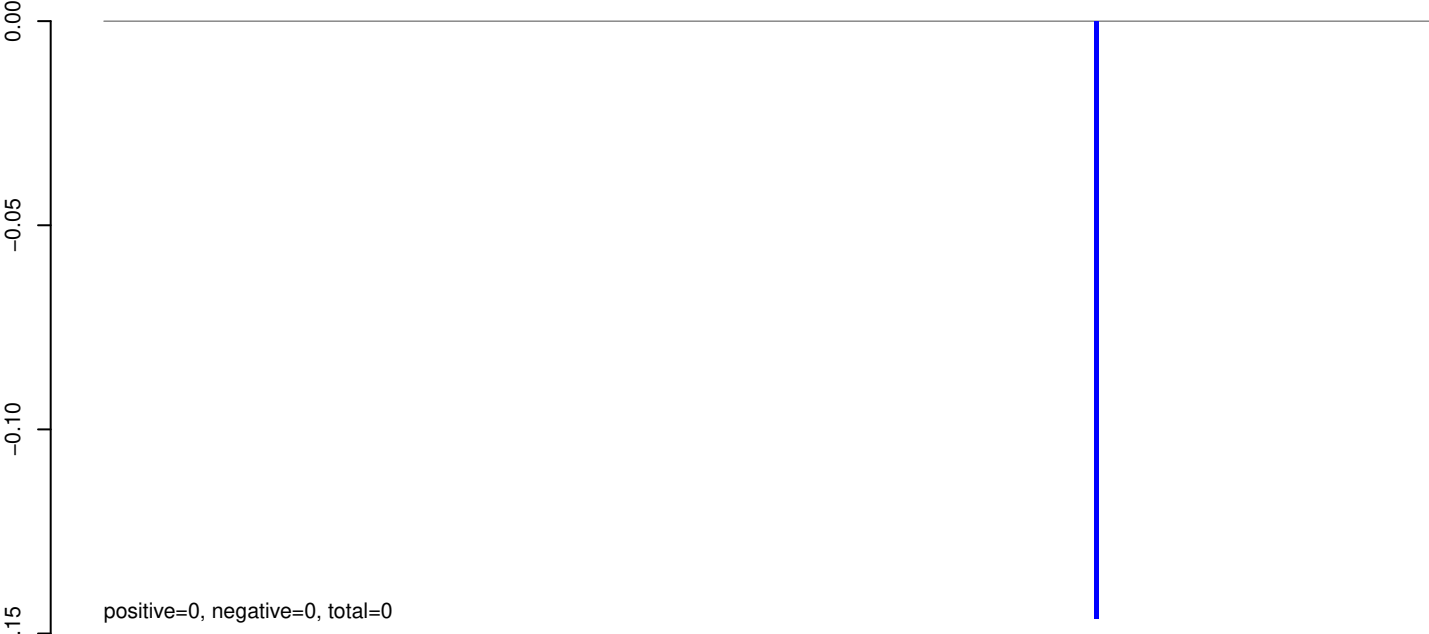


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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

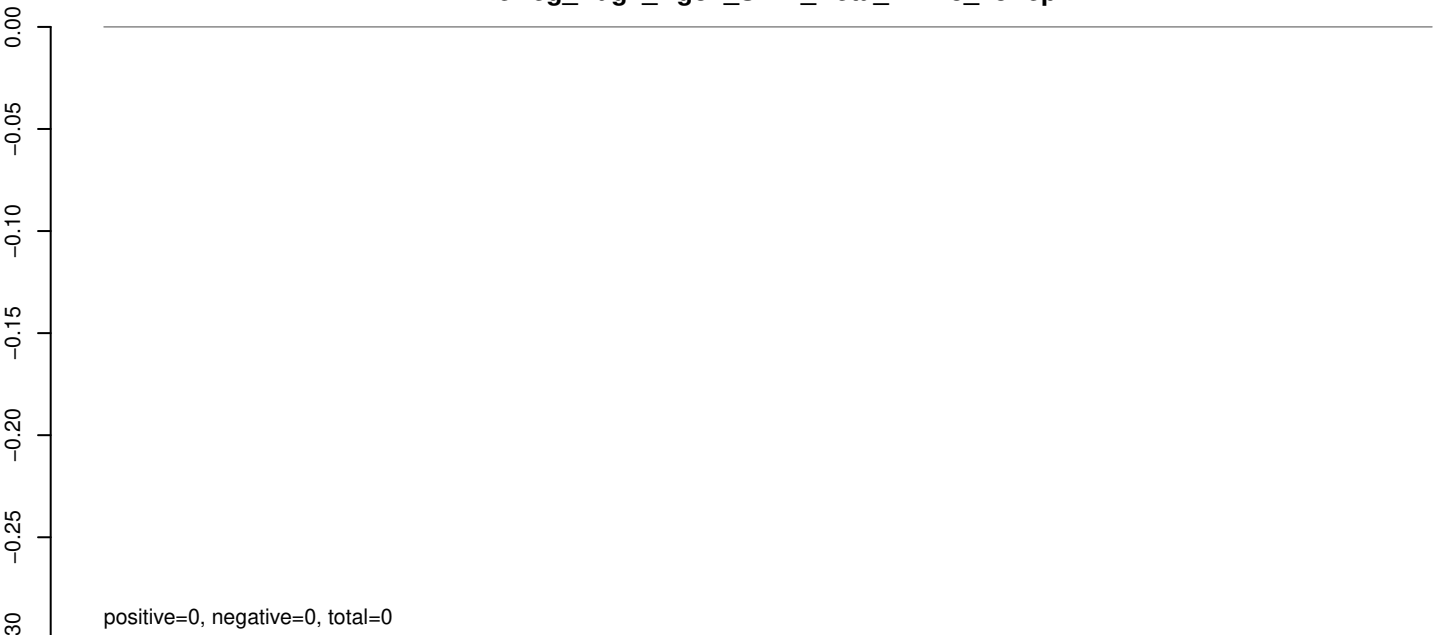


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

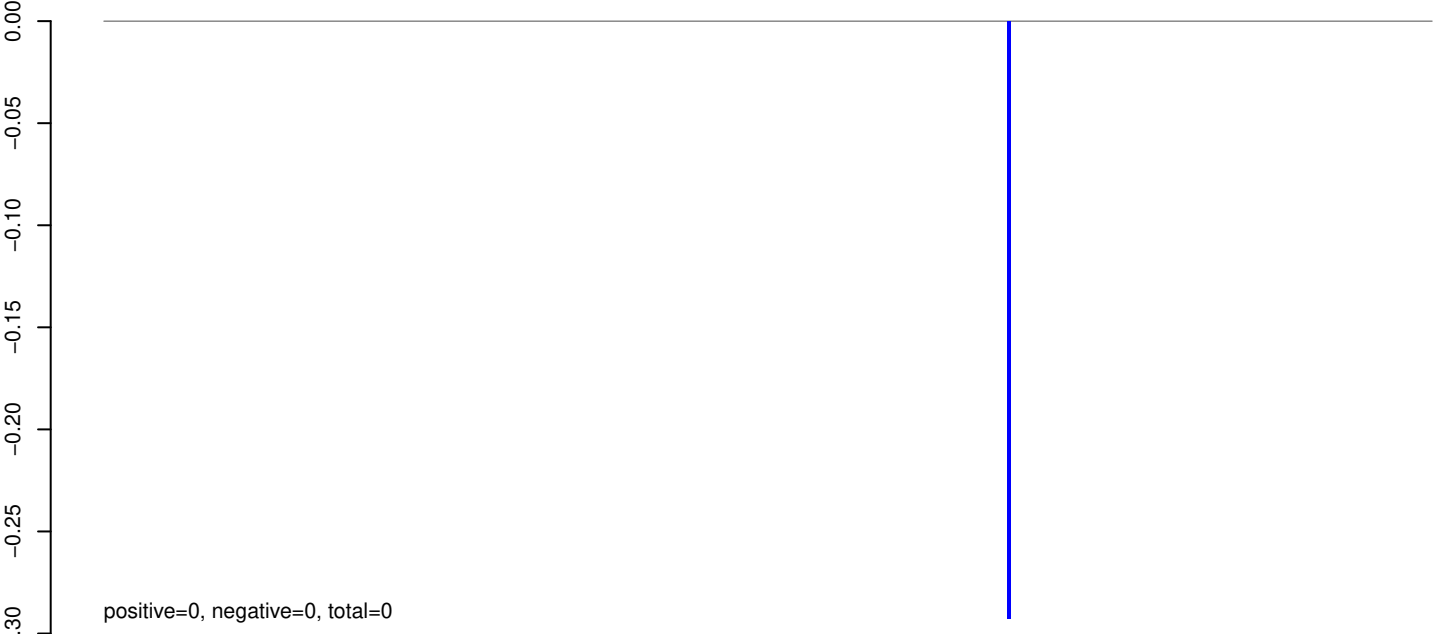


0 1000 2000 3000 4000 5000 6000 7000

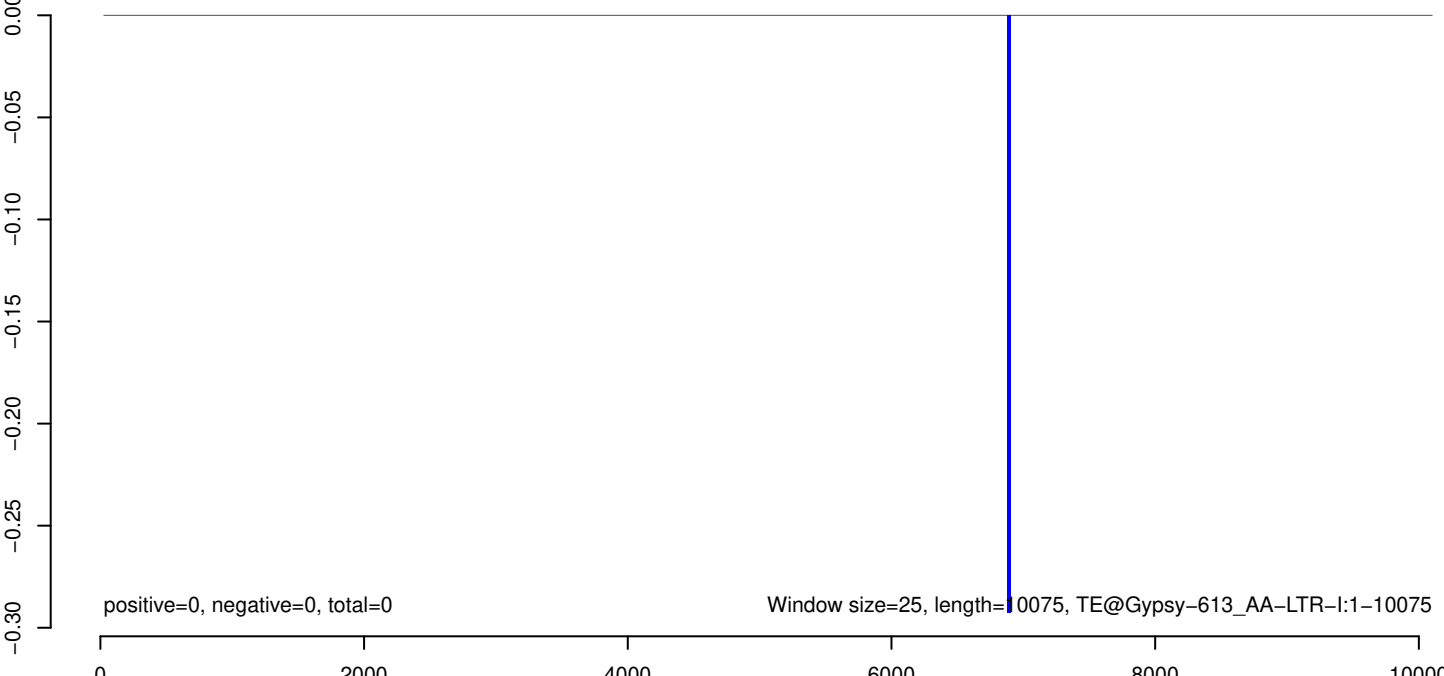
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

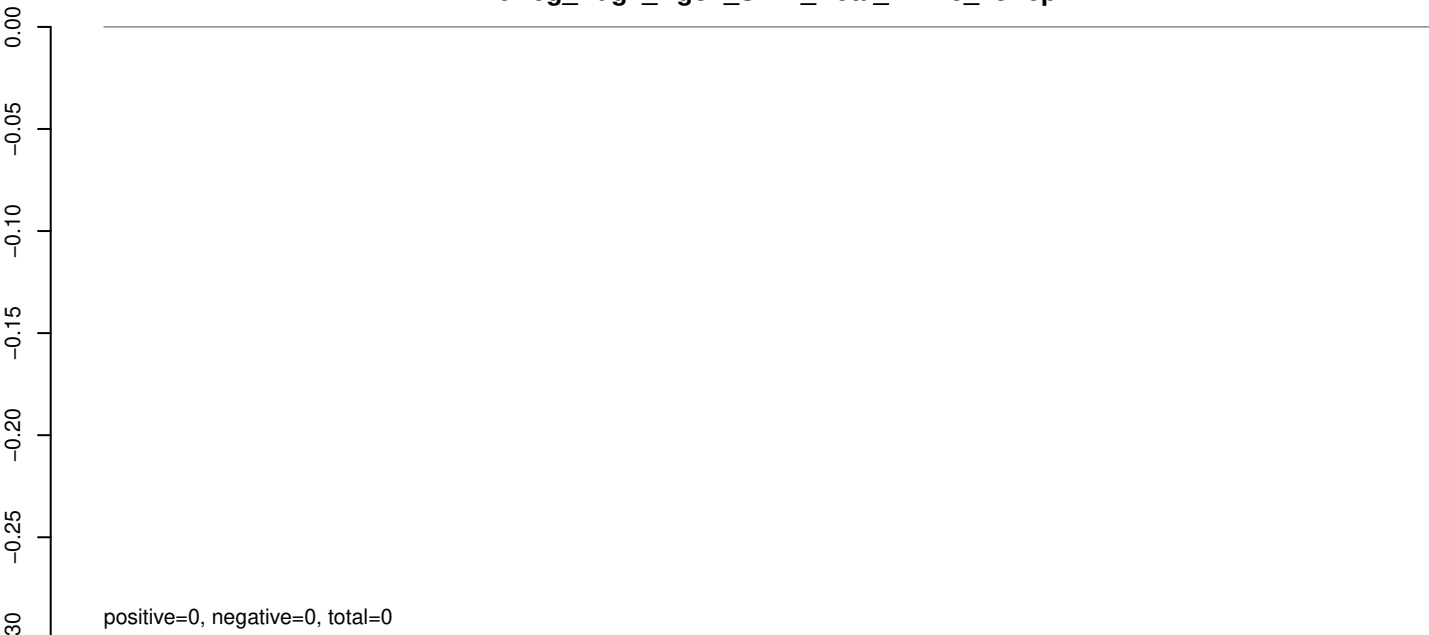
0.00  
-0.02  
-0.04  
-0.06

positive=0, negative=0, total=0

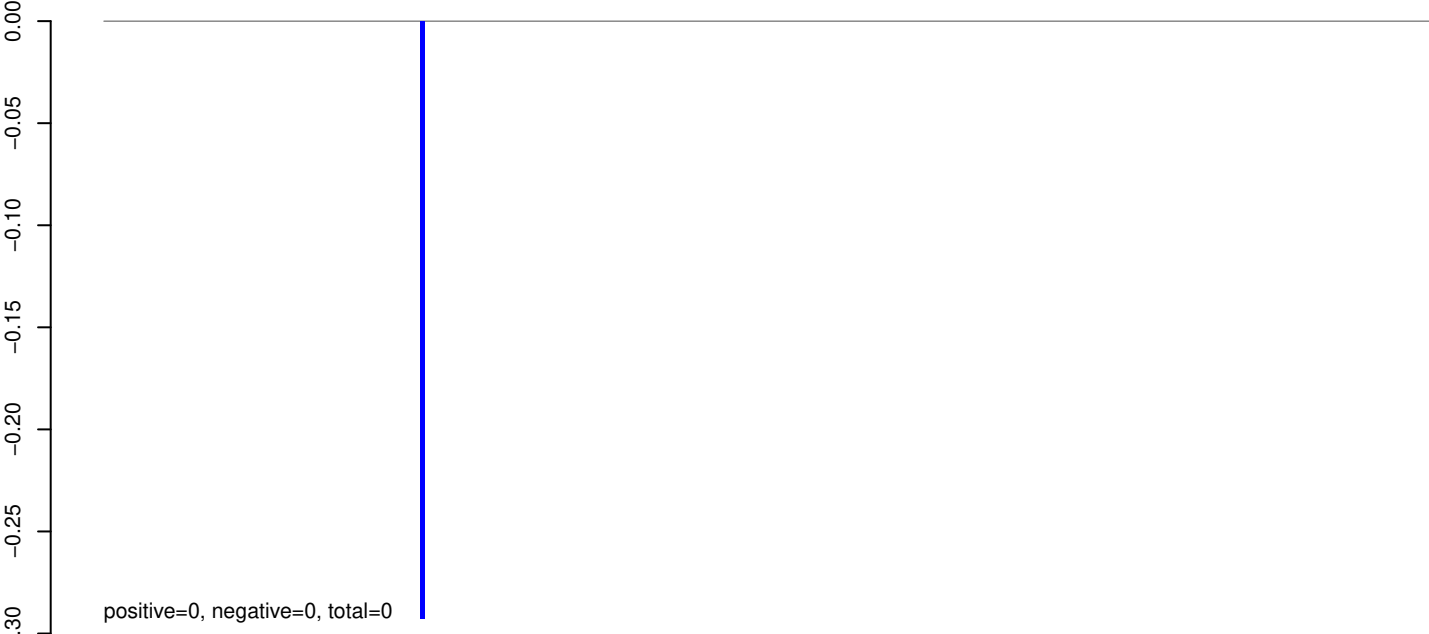
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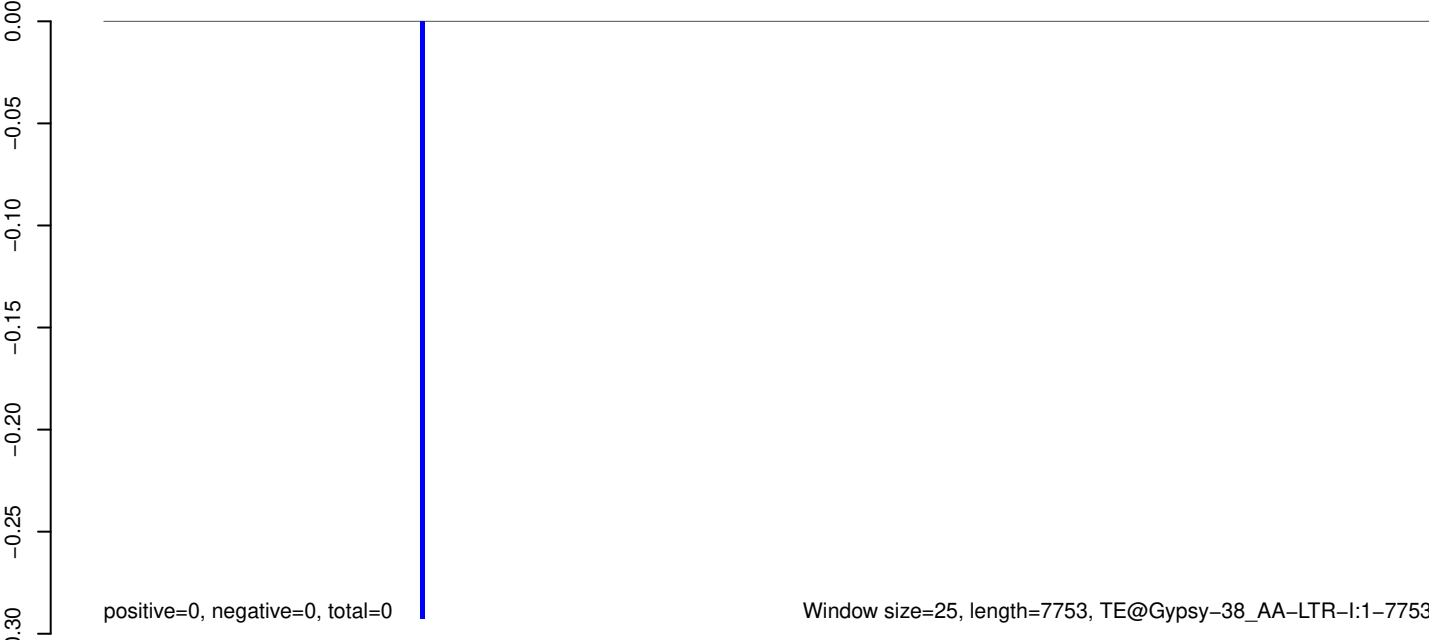
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.00  
-0.05  
-0.10  
-0.15  
-0.20  
-0.25  
-0.30

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.00  
-0.05  
-0.10  
-0.15  
-0.20  
-0.25  
-0.30

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

0.00  
-0.05  
-0.10  
-0.15  
-0.20  
-0.25  
-0.30

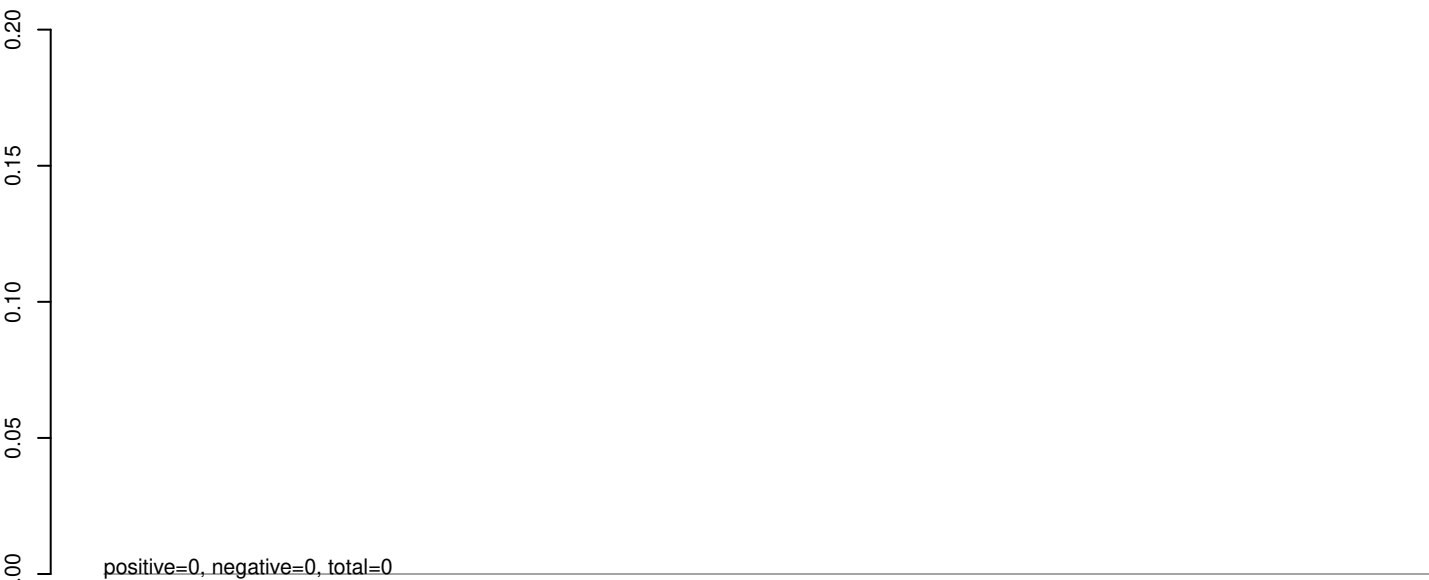
positive=0, negative=0, total=0

Window size=25, length=7605, TE@Gypsy-32\_AA-LTR-I:1-7605

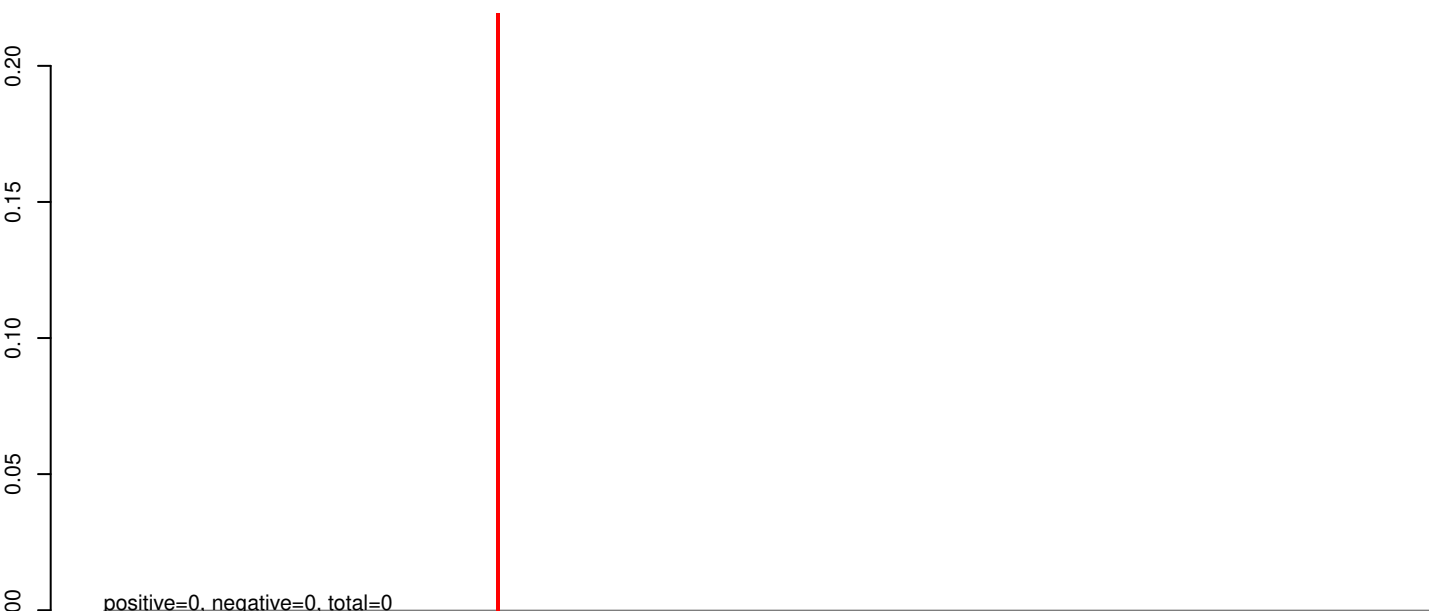
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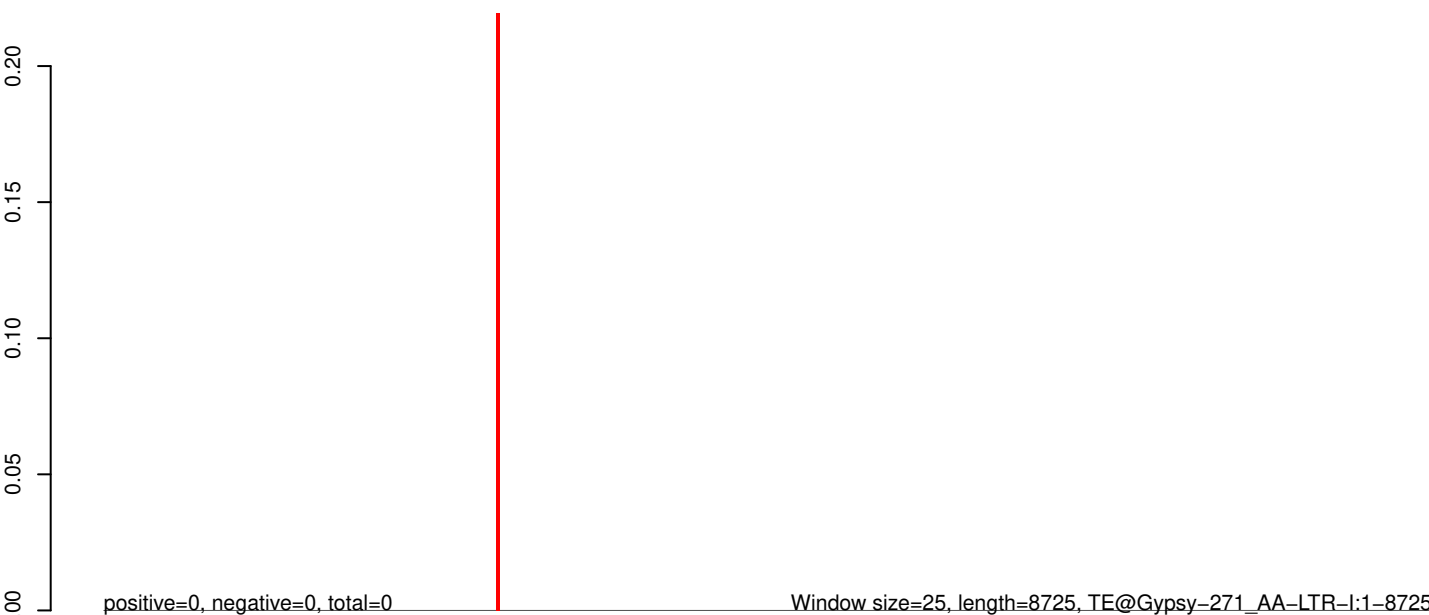
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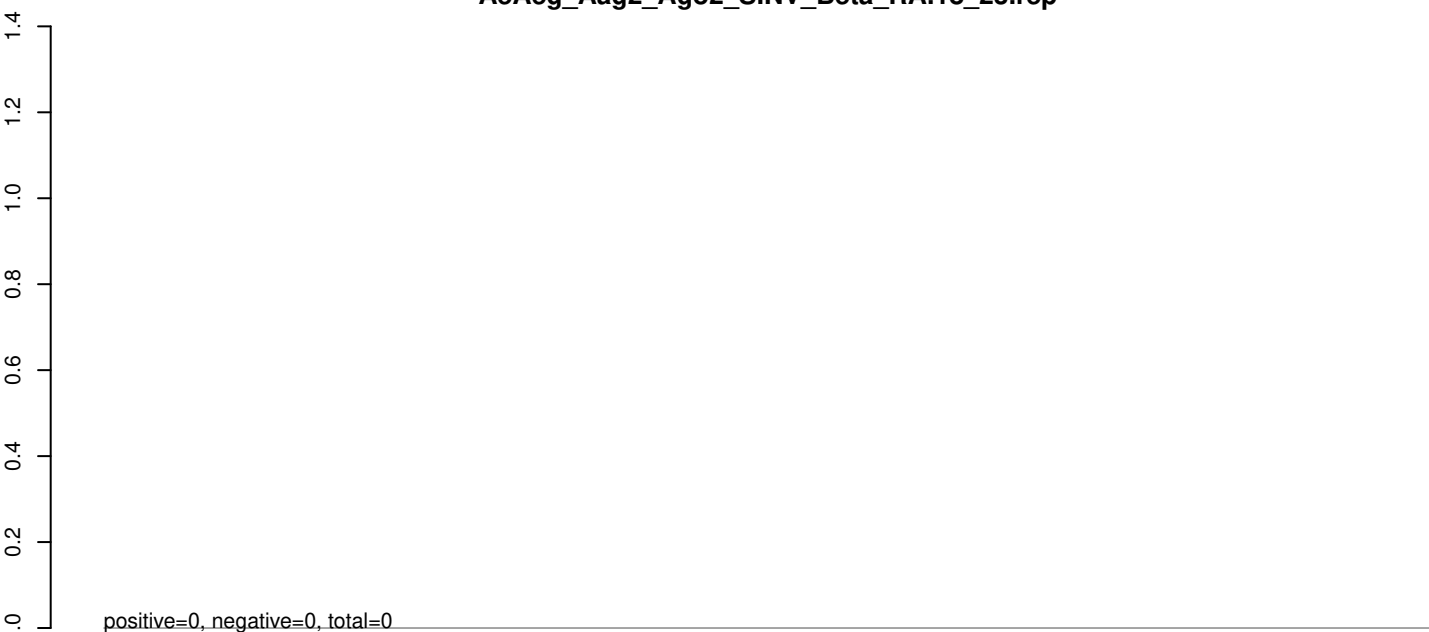
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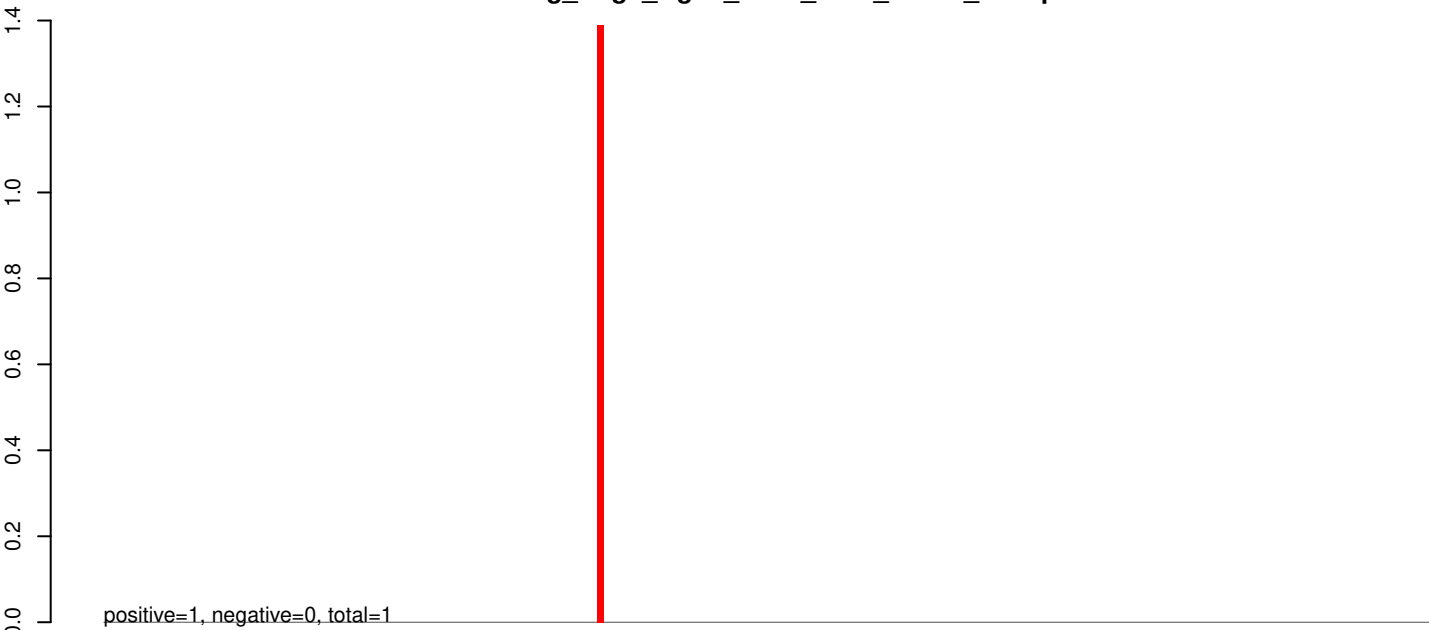
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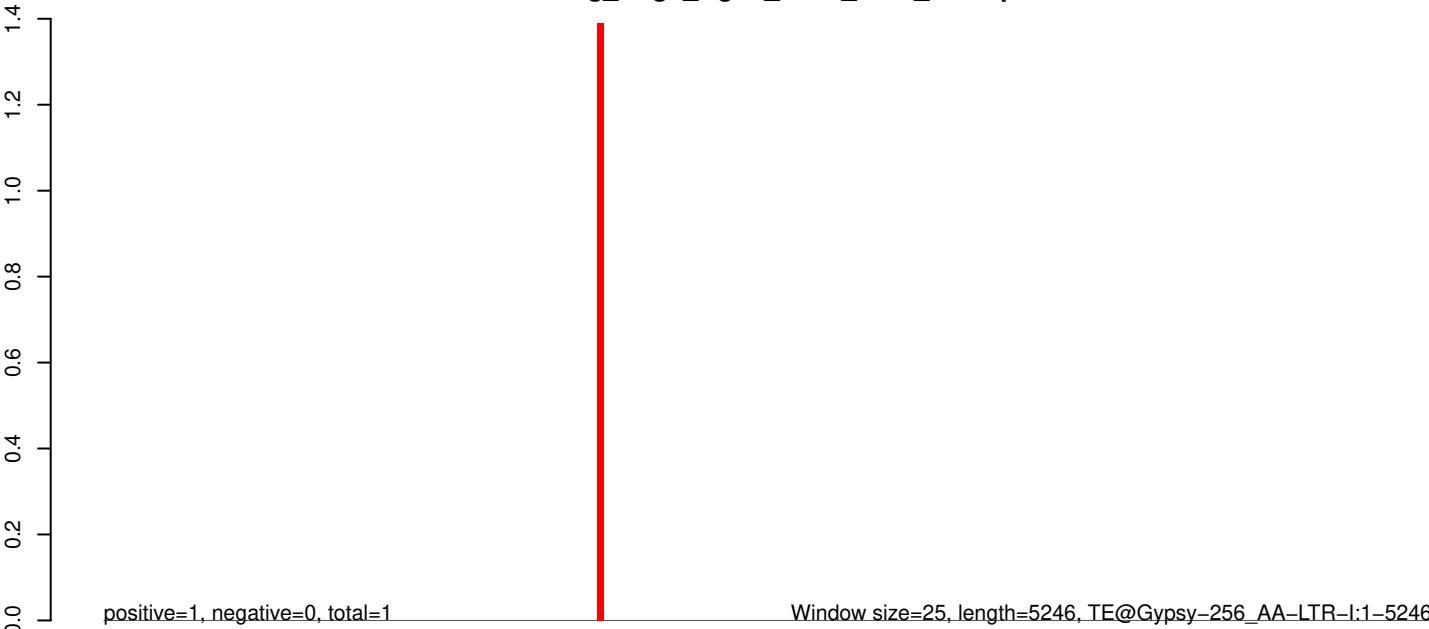
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



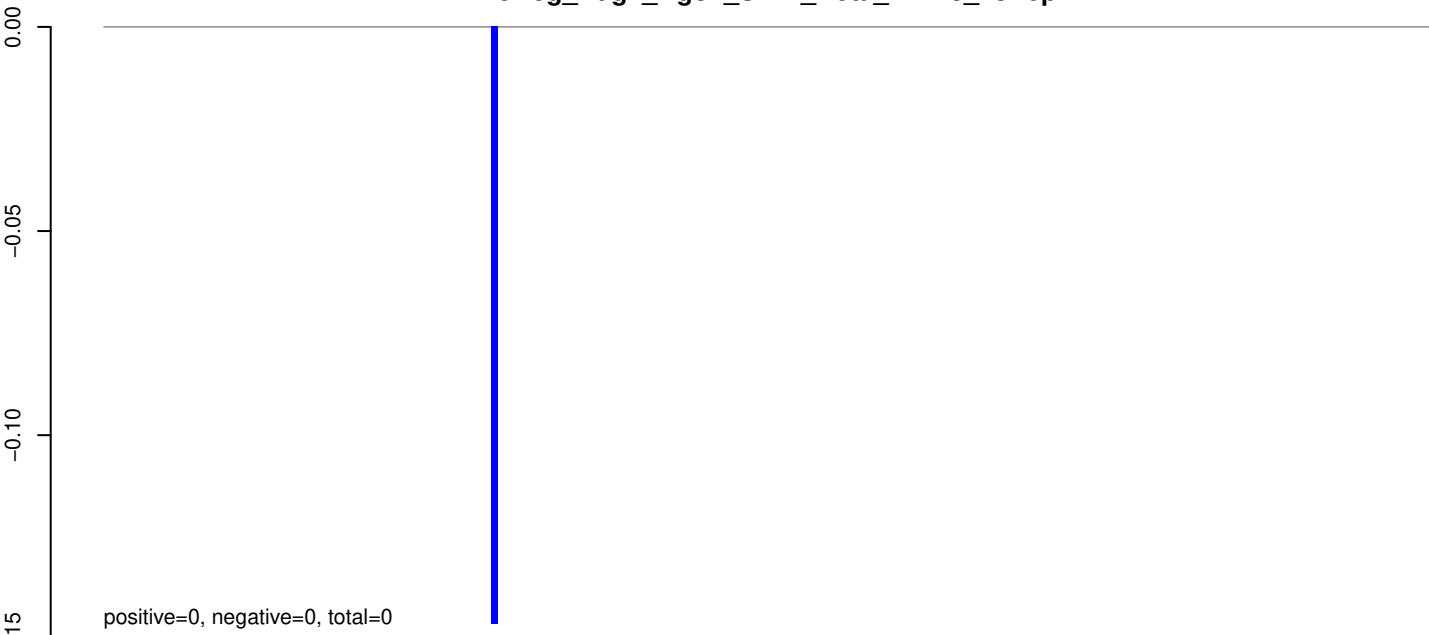
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



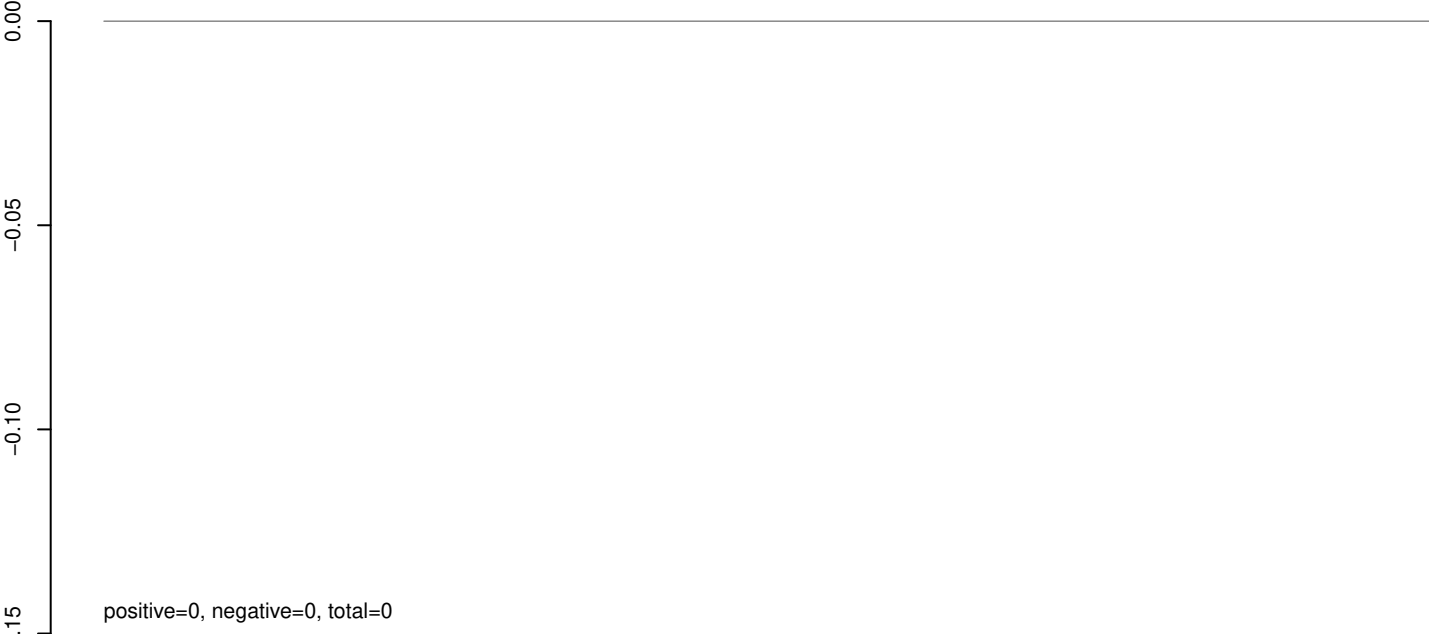
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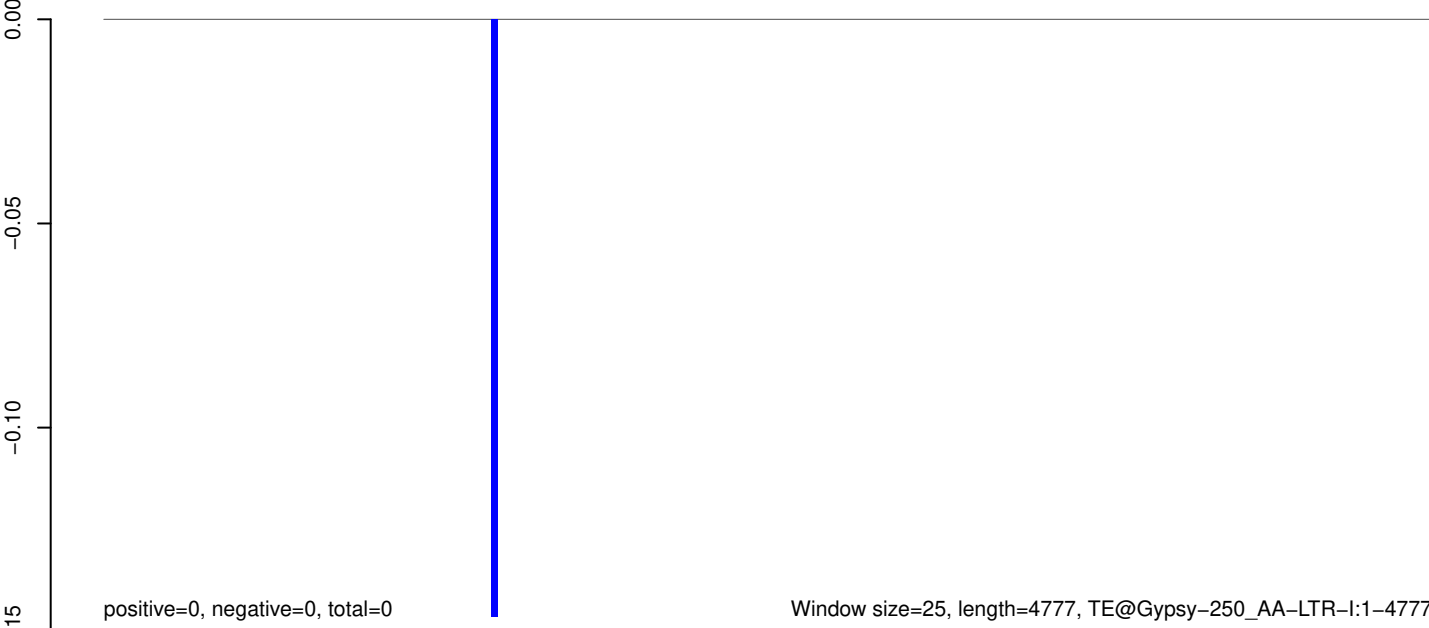
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

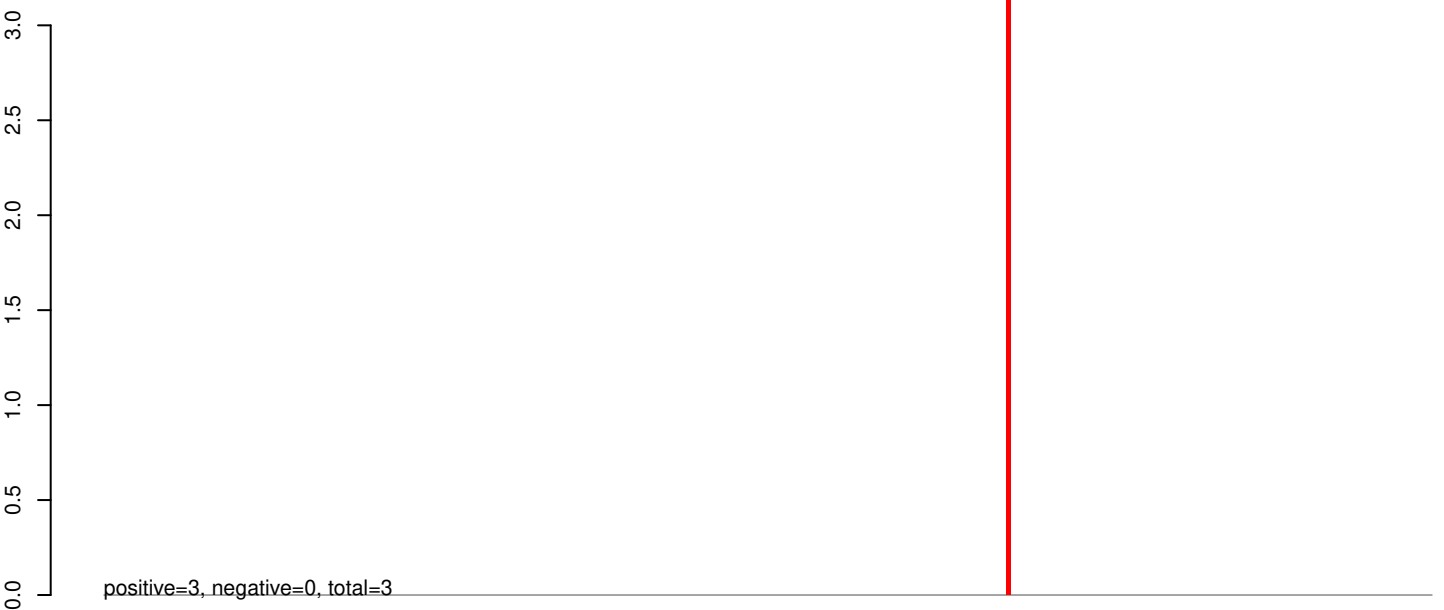


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

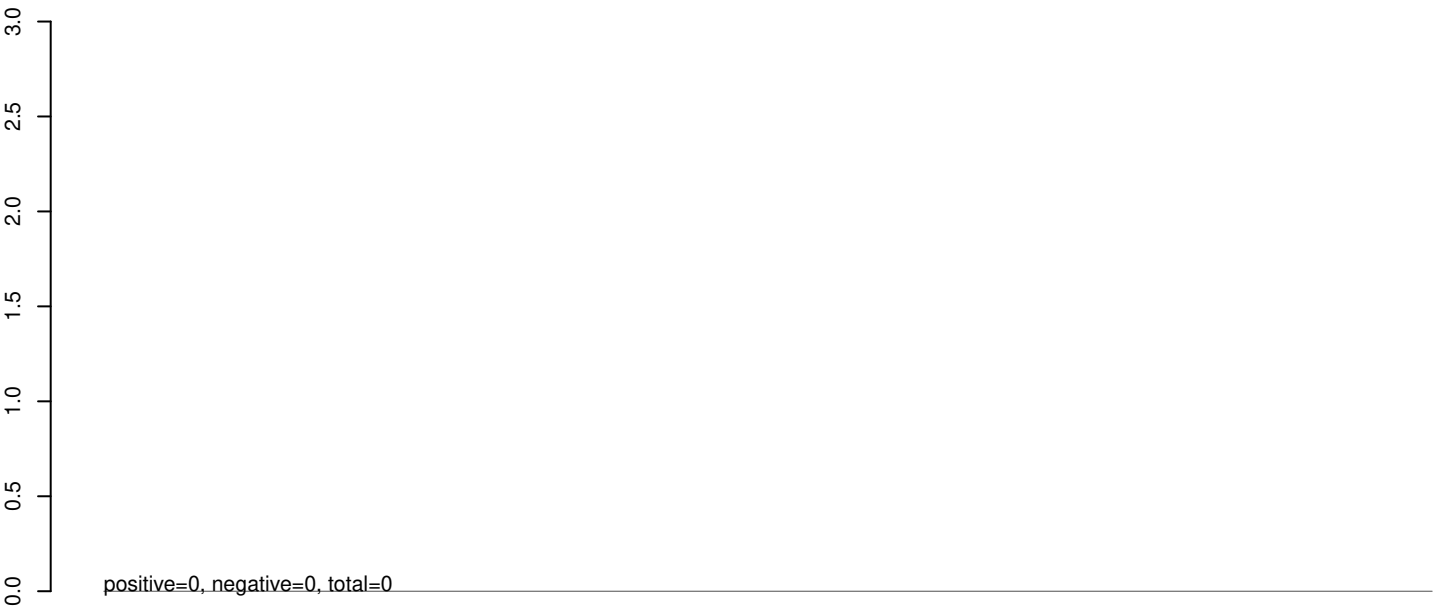


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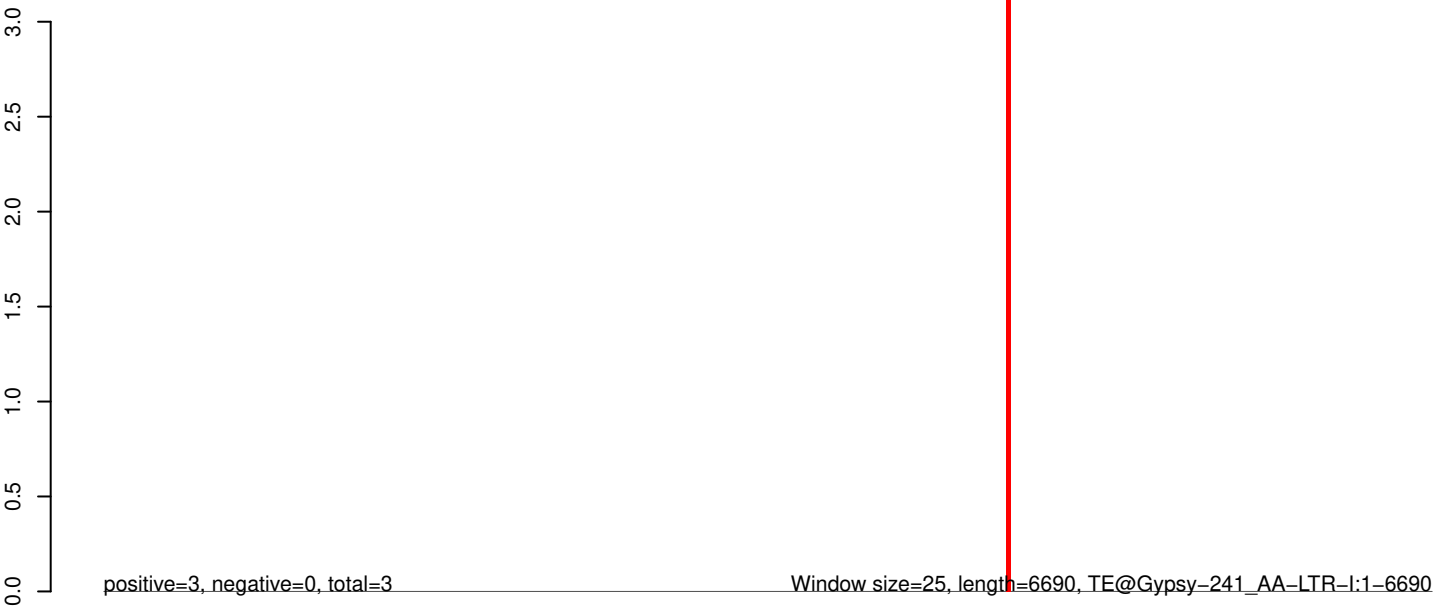
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

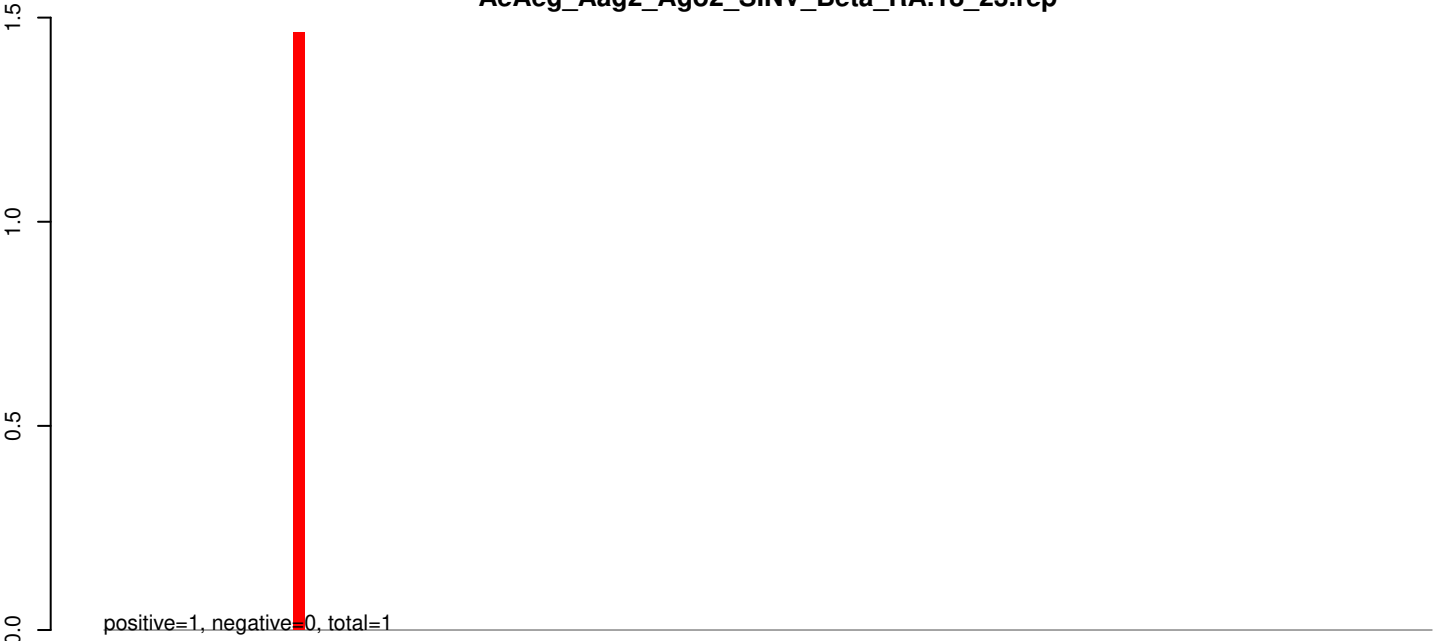


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

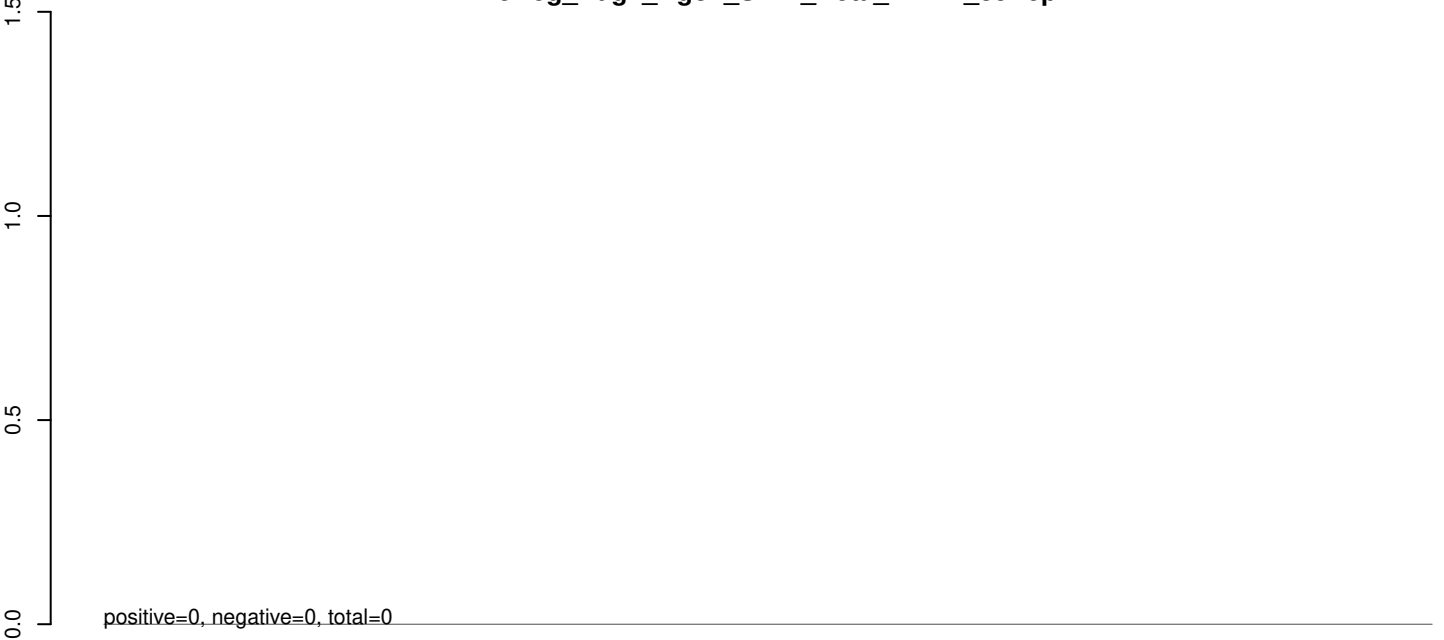


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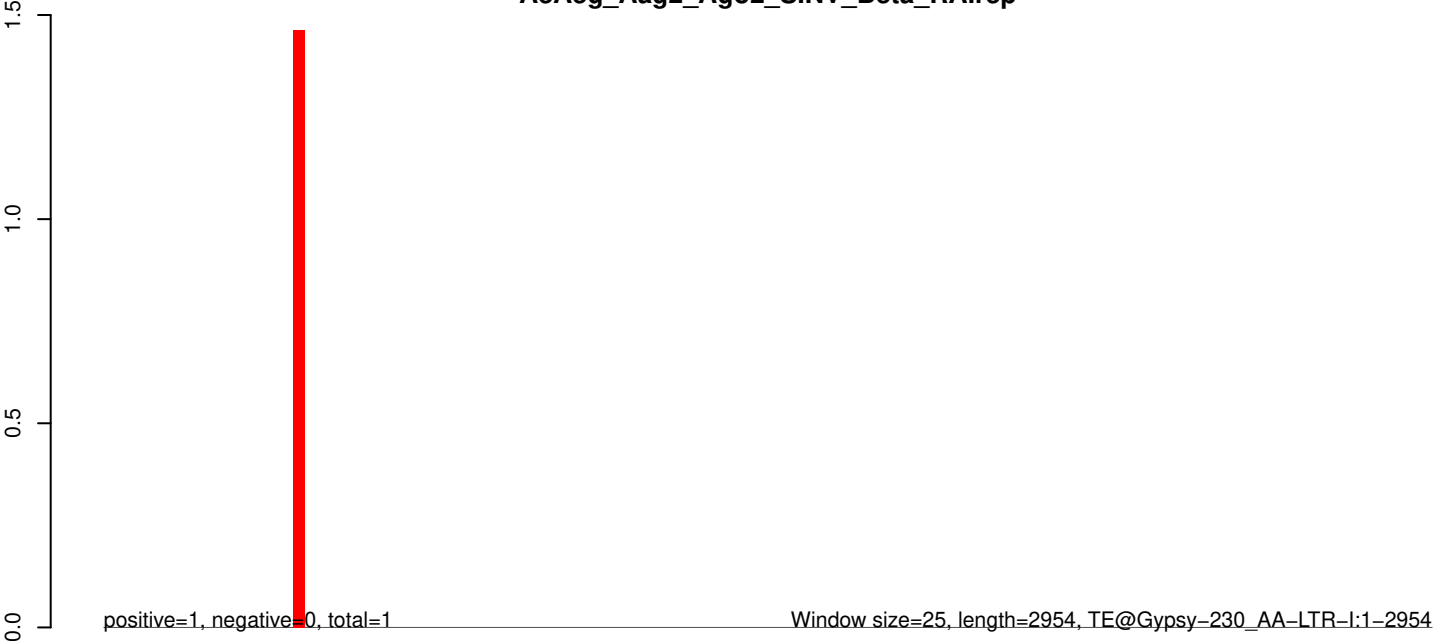
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

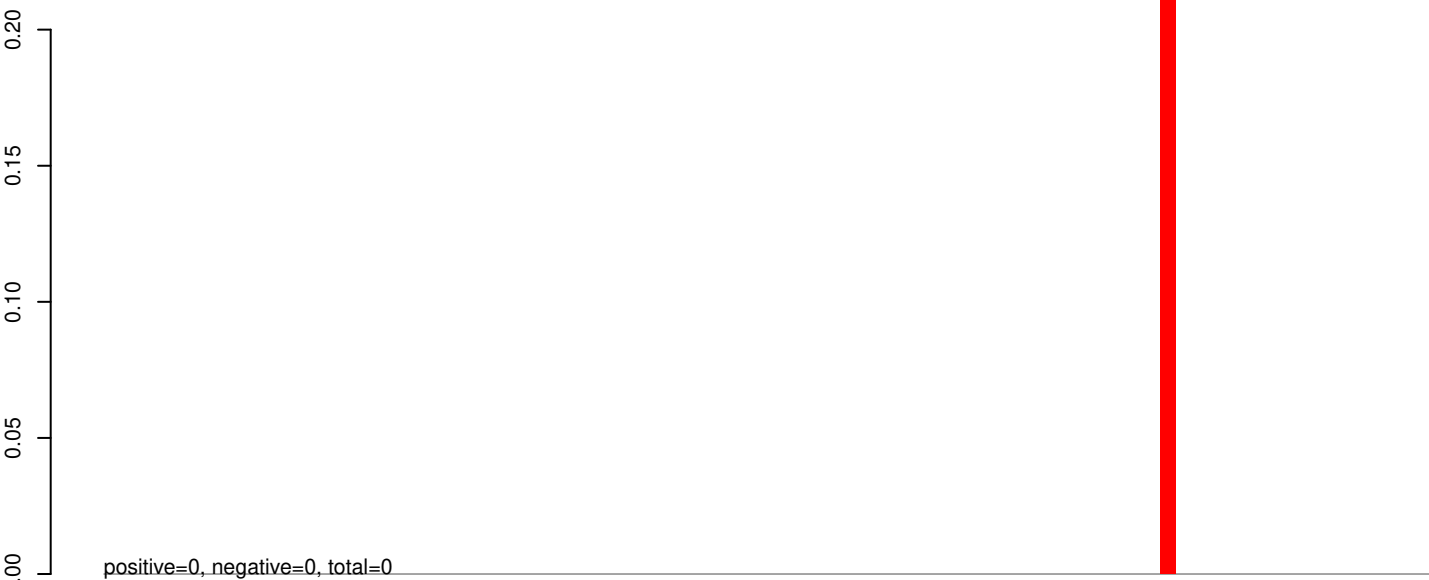


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

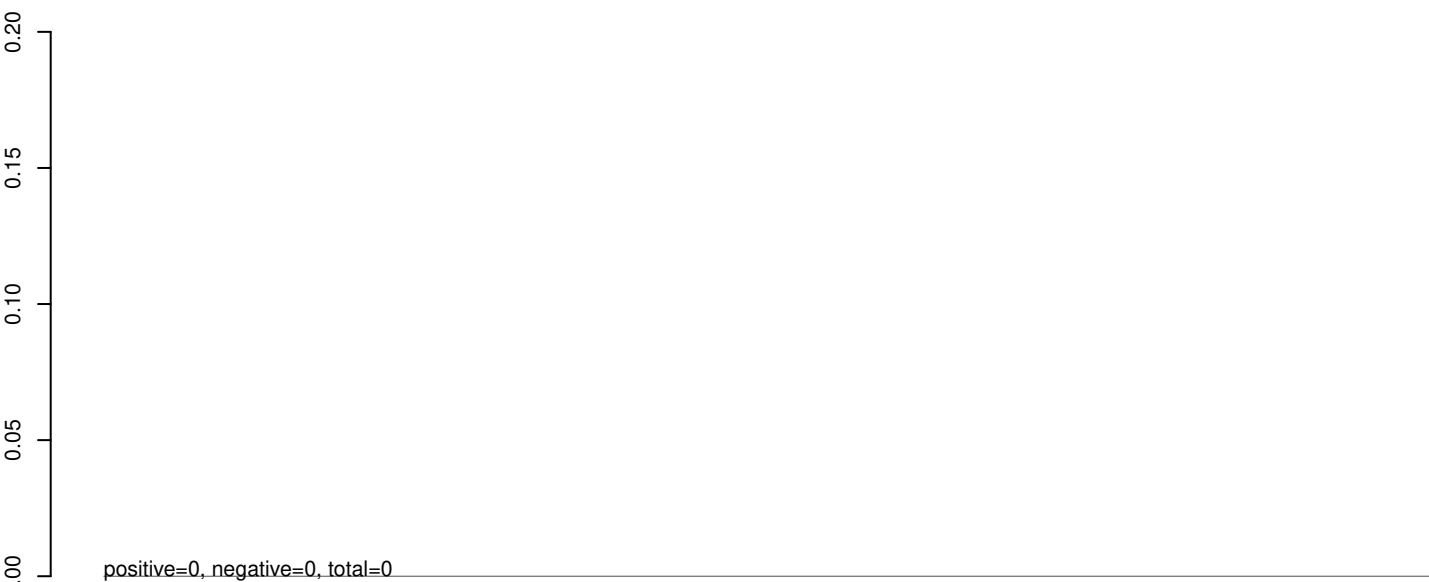


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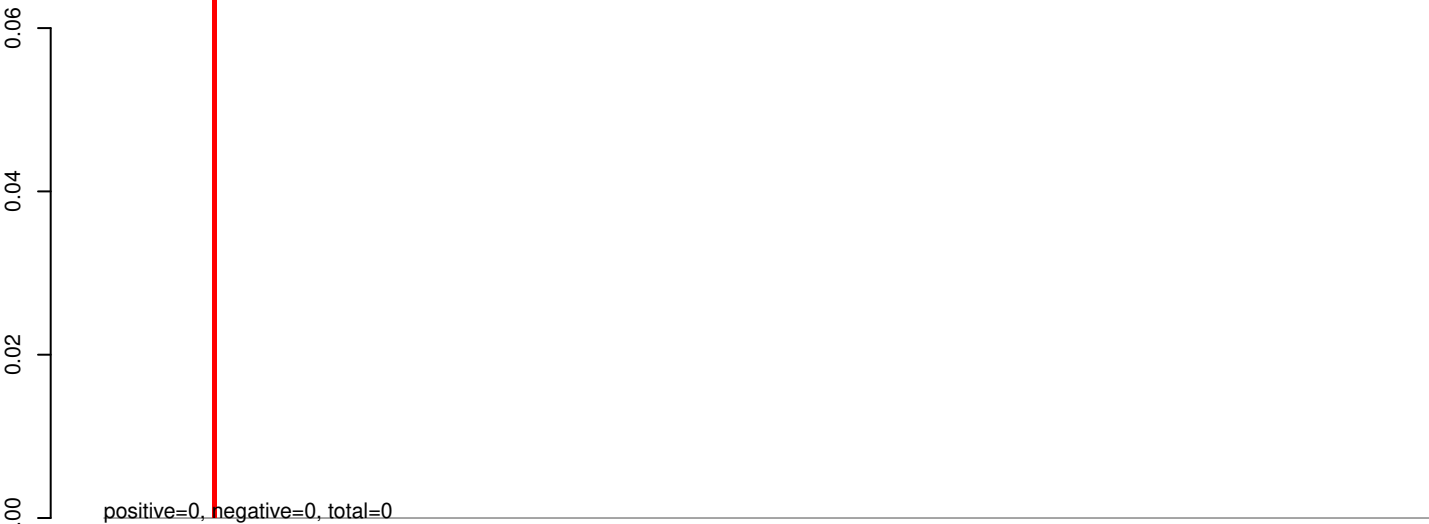
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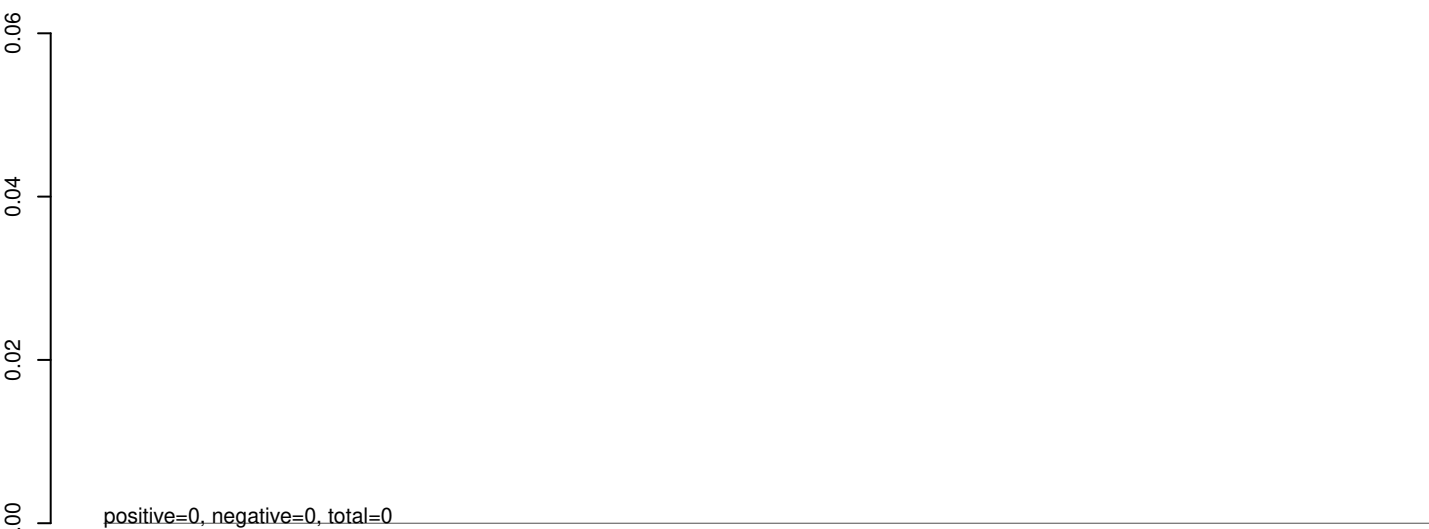
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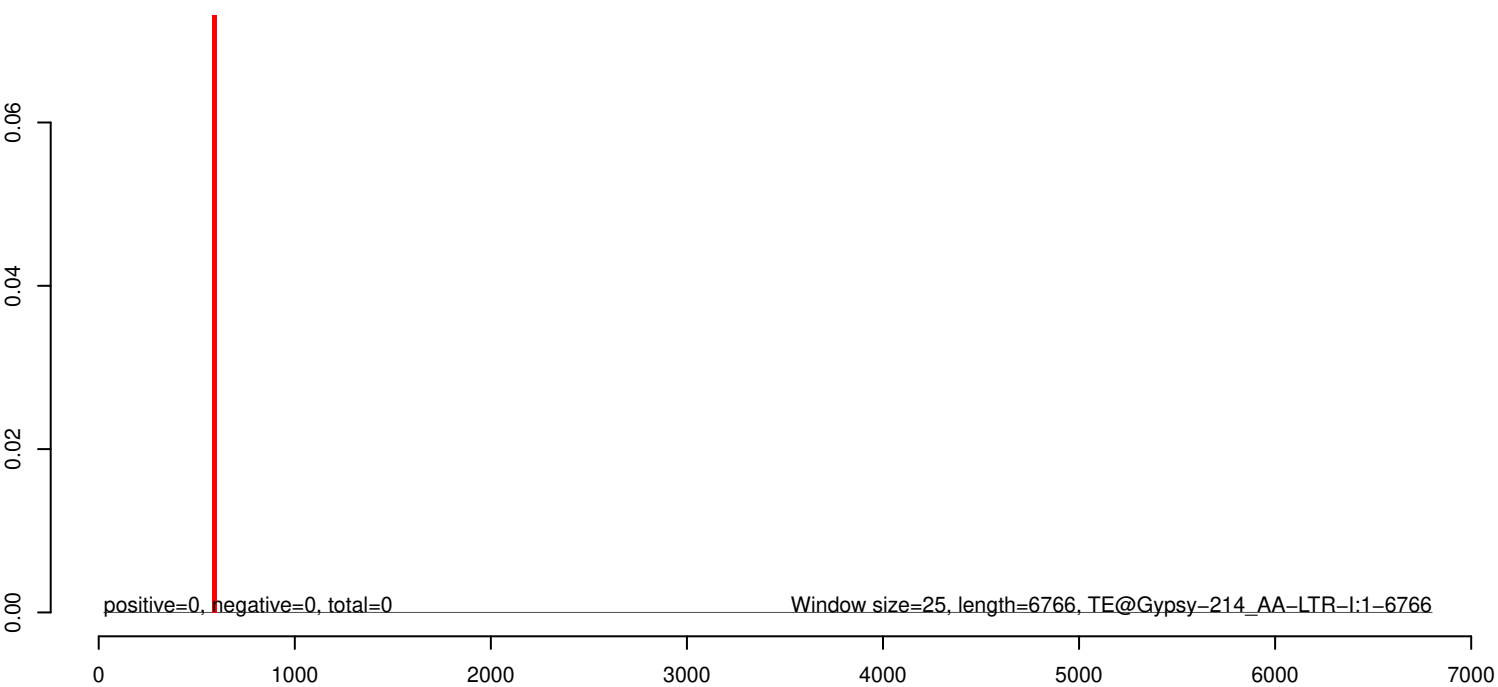
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



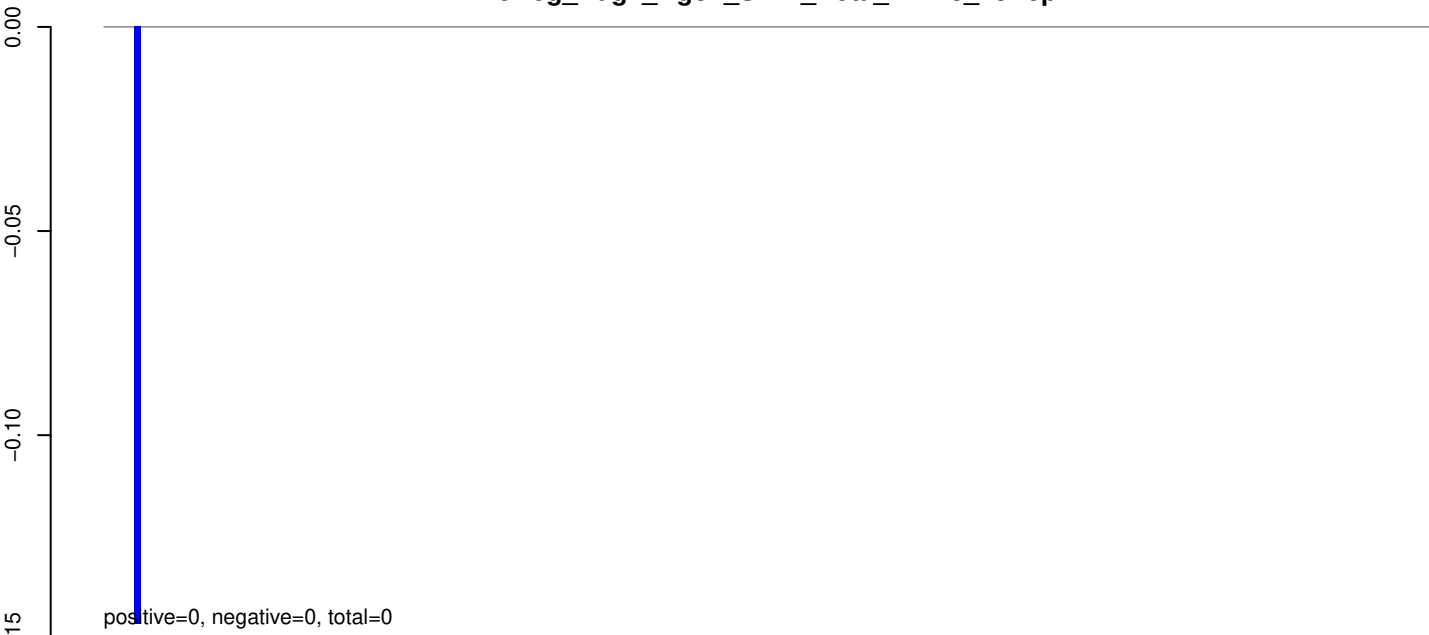
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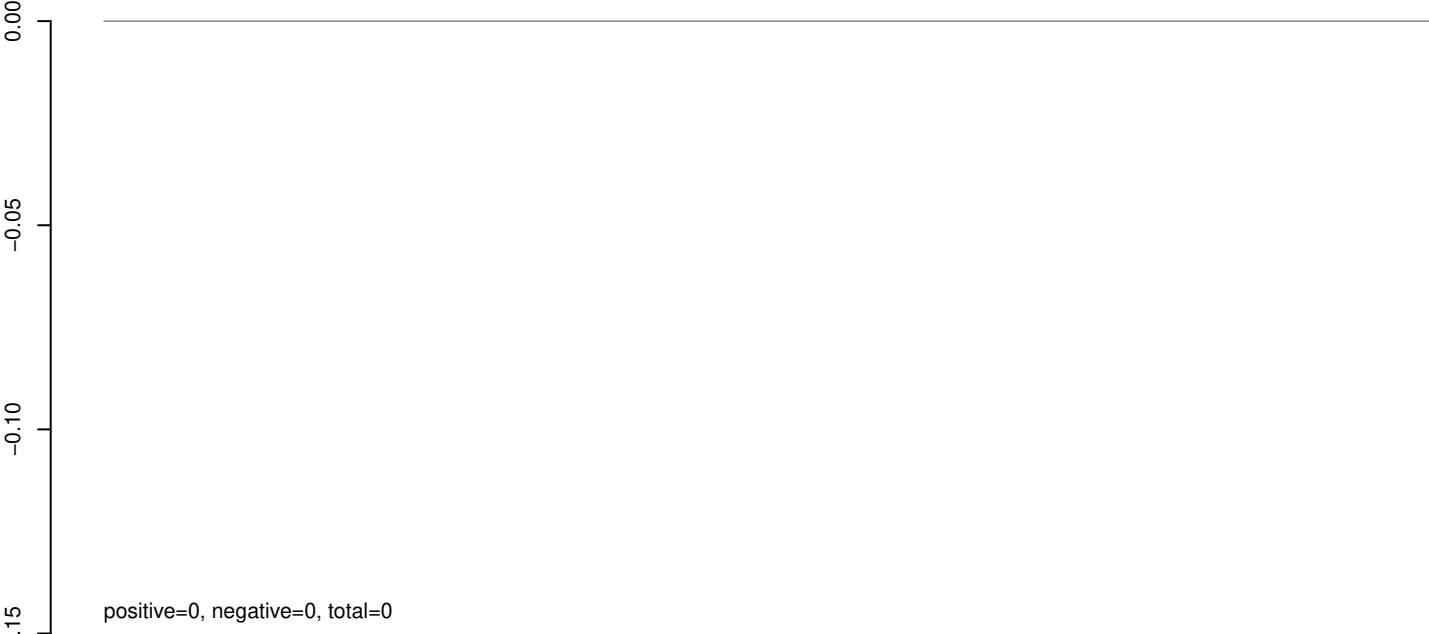
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



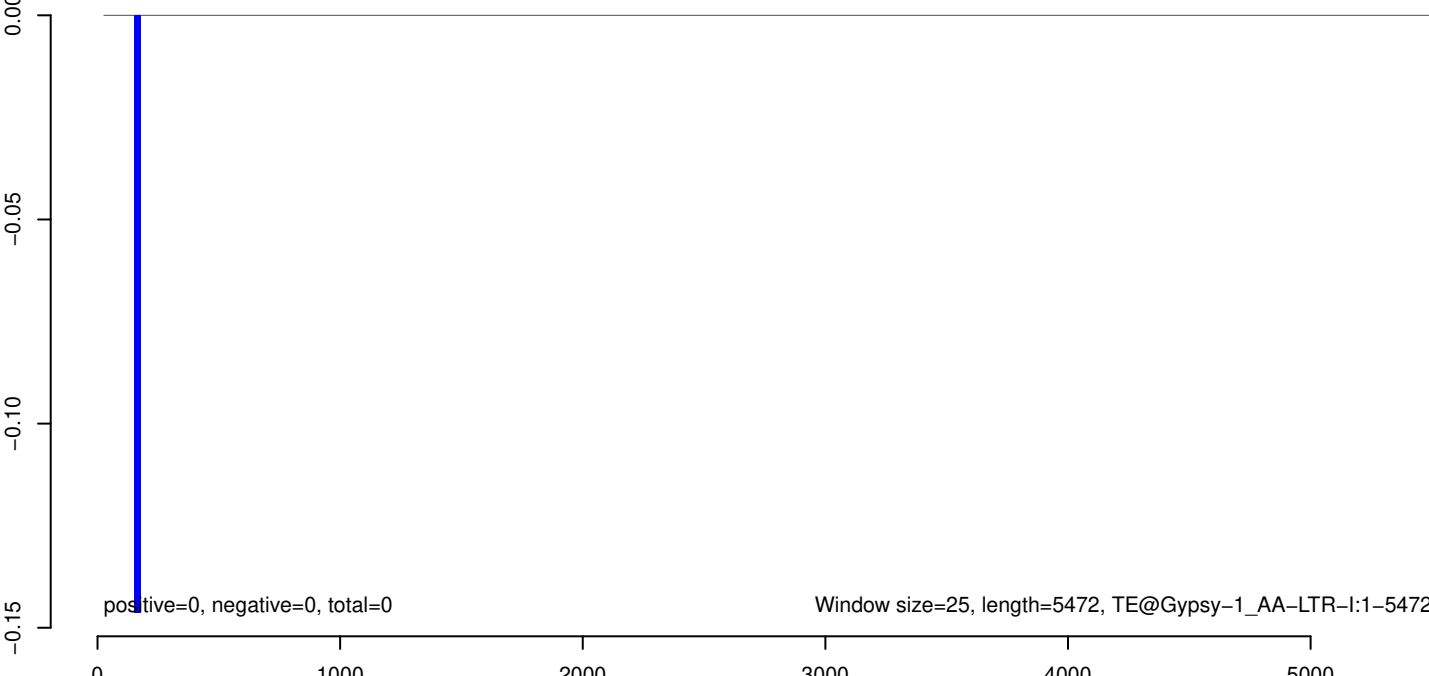
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

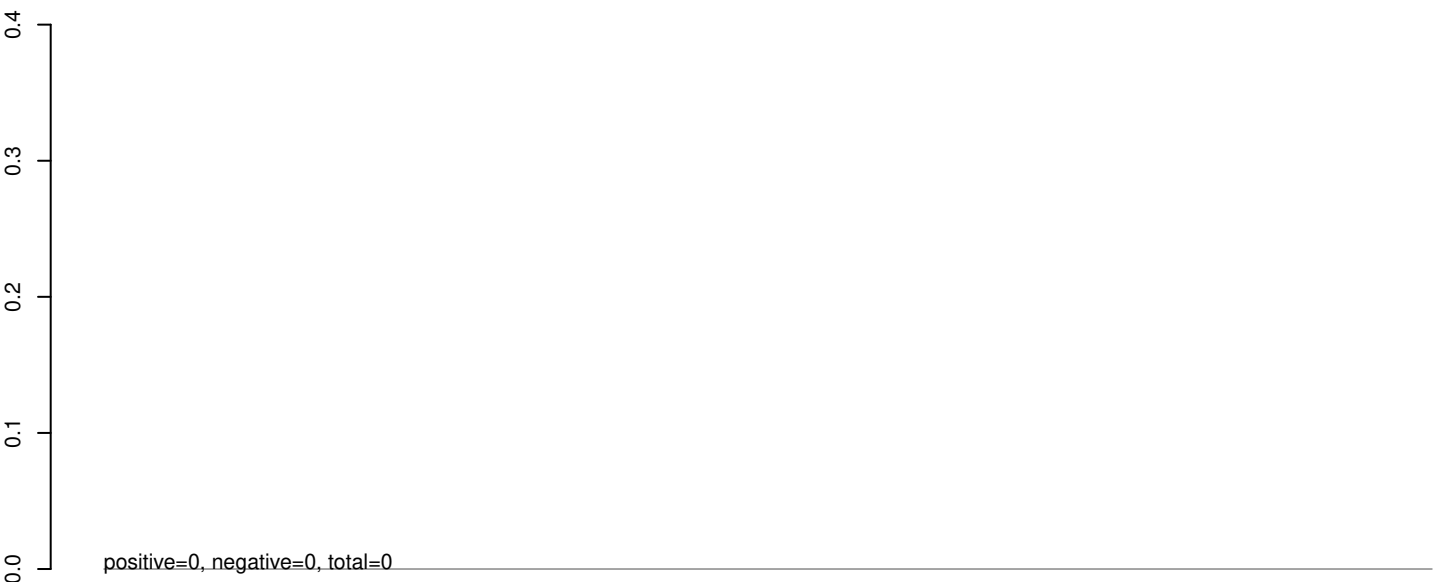


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

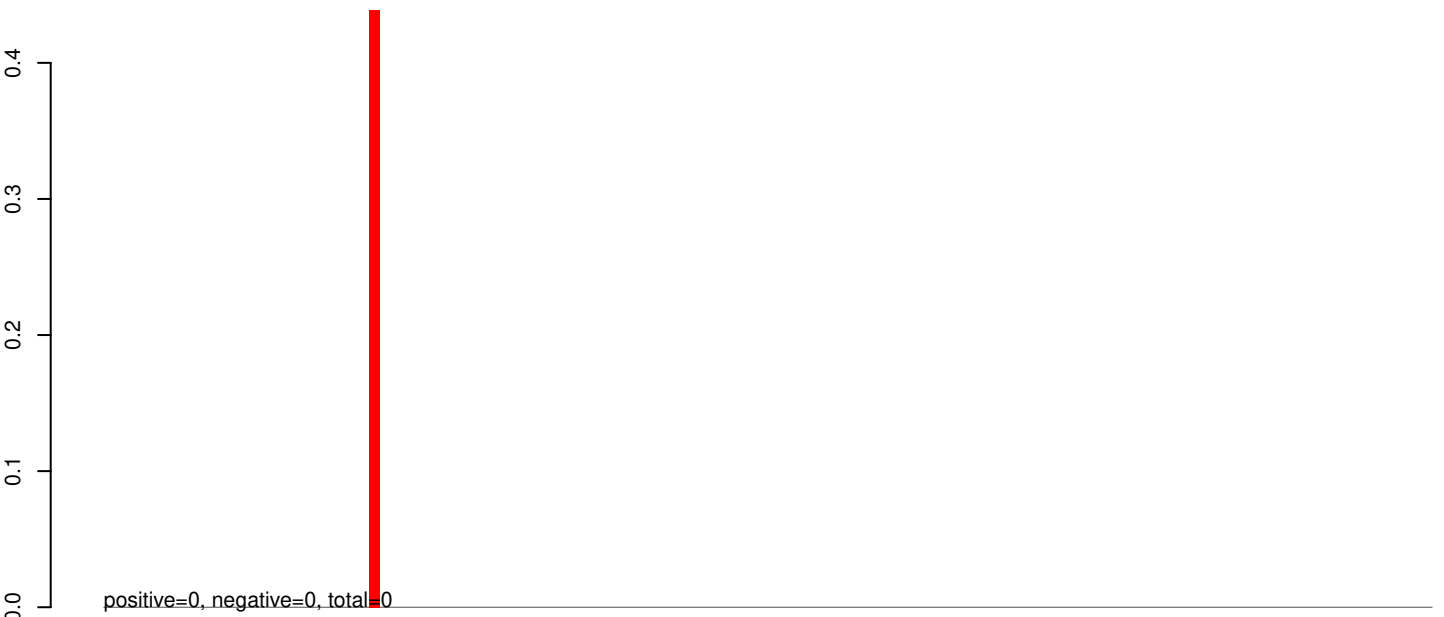




AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



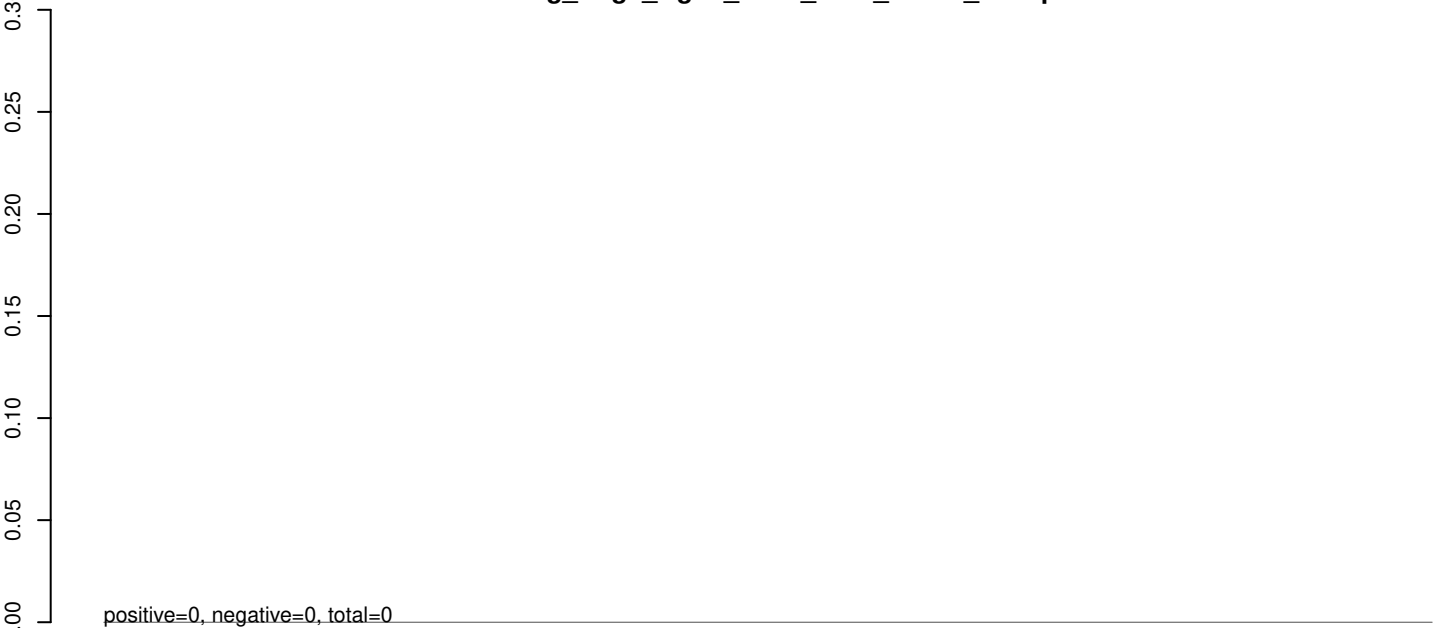
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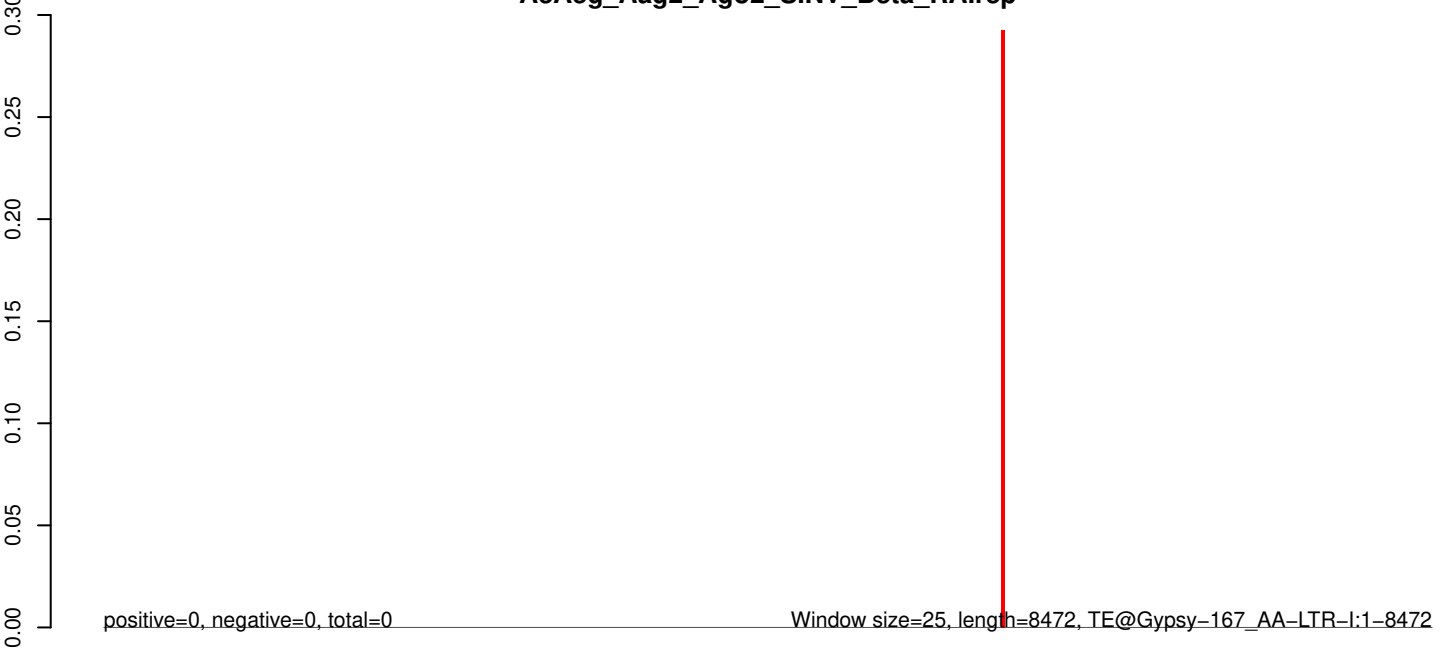
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



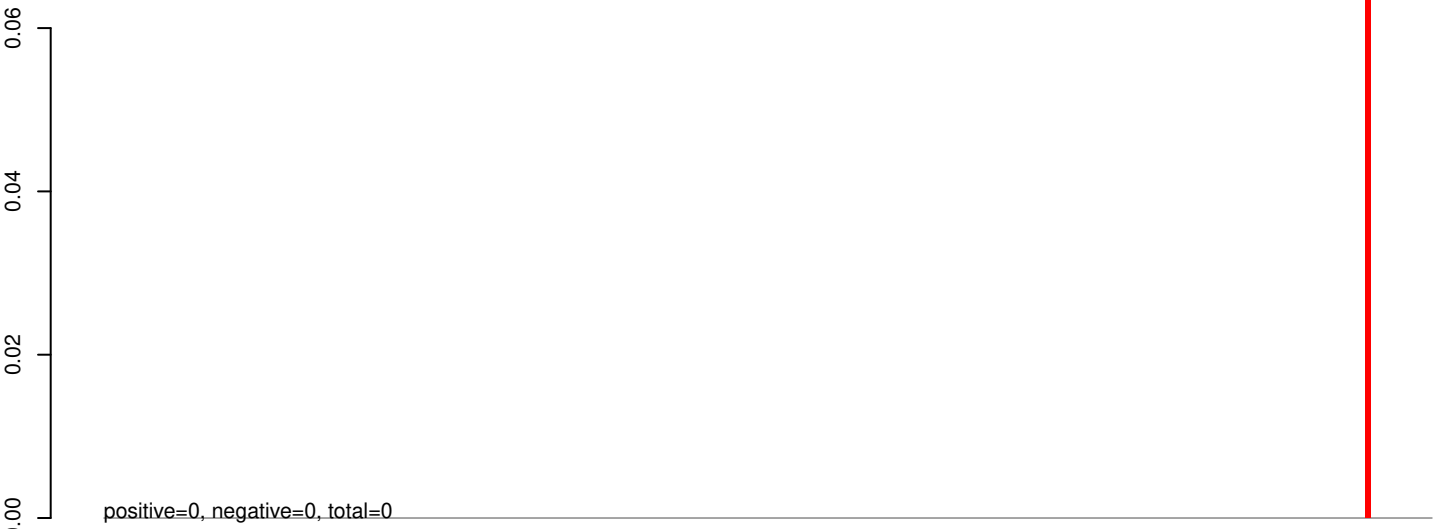
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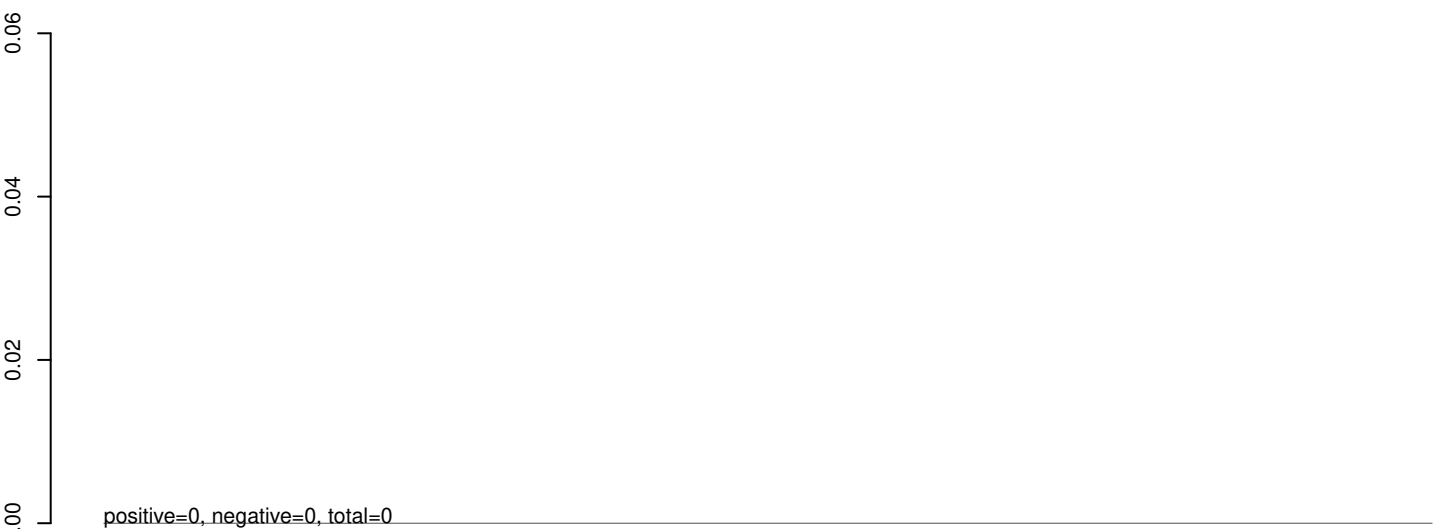
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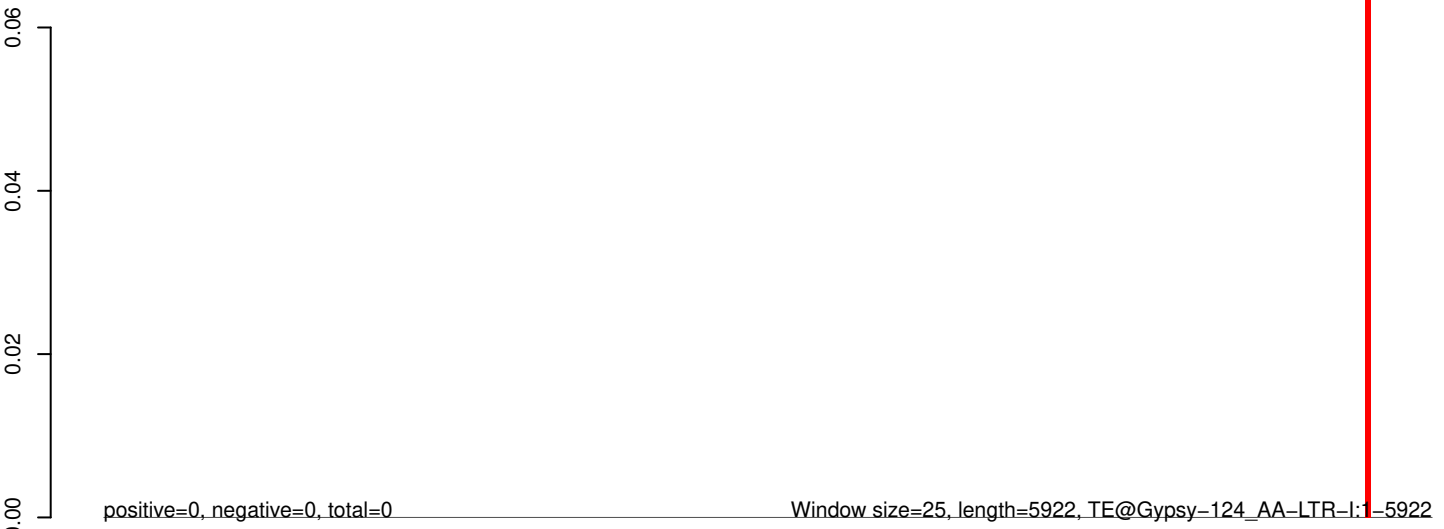
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

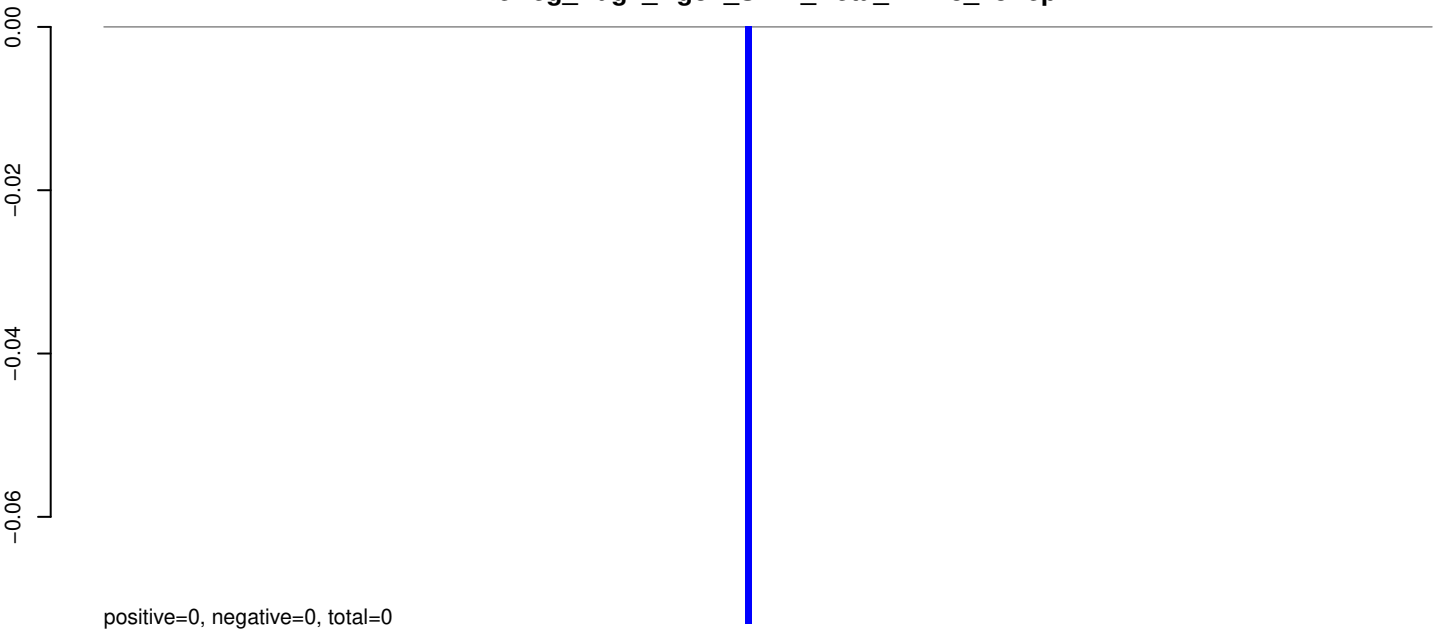


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

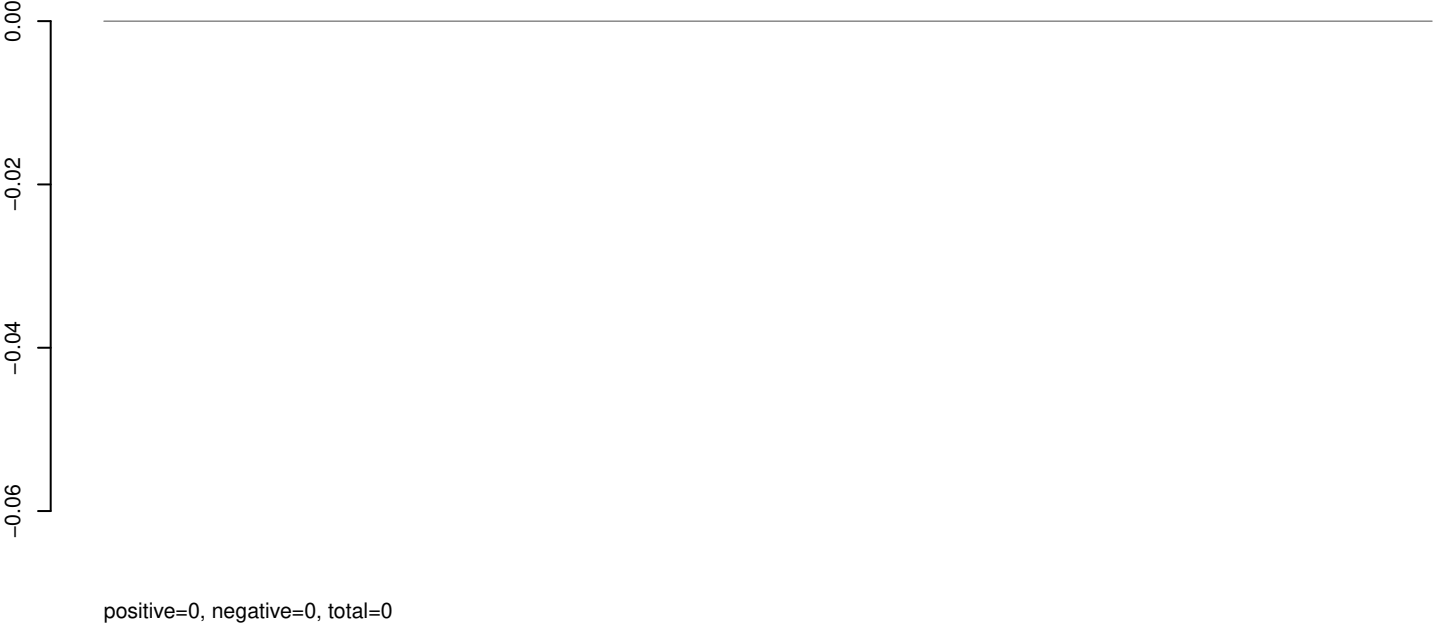


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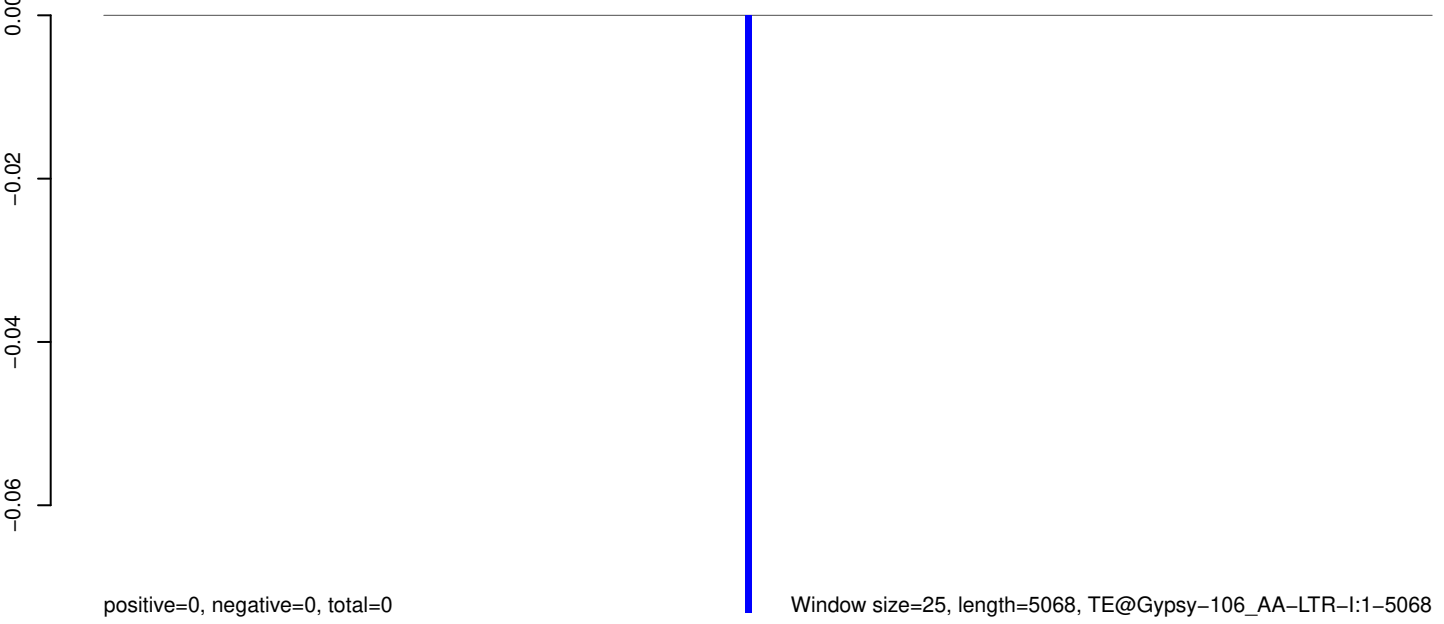
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



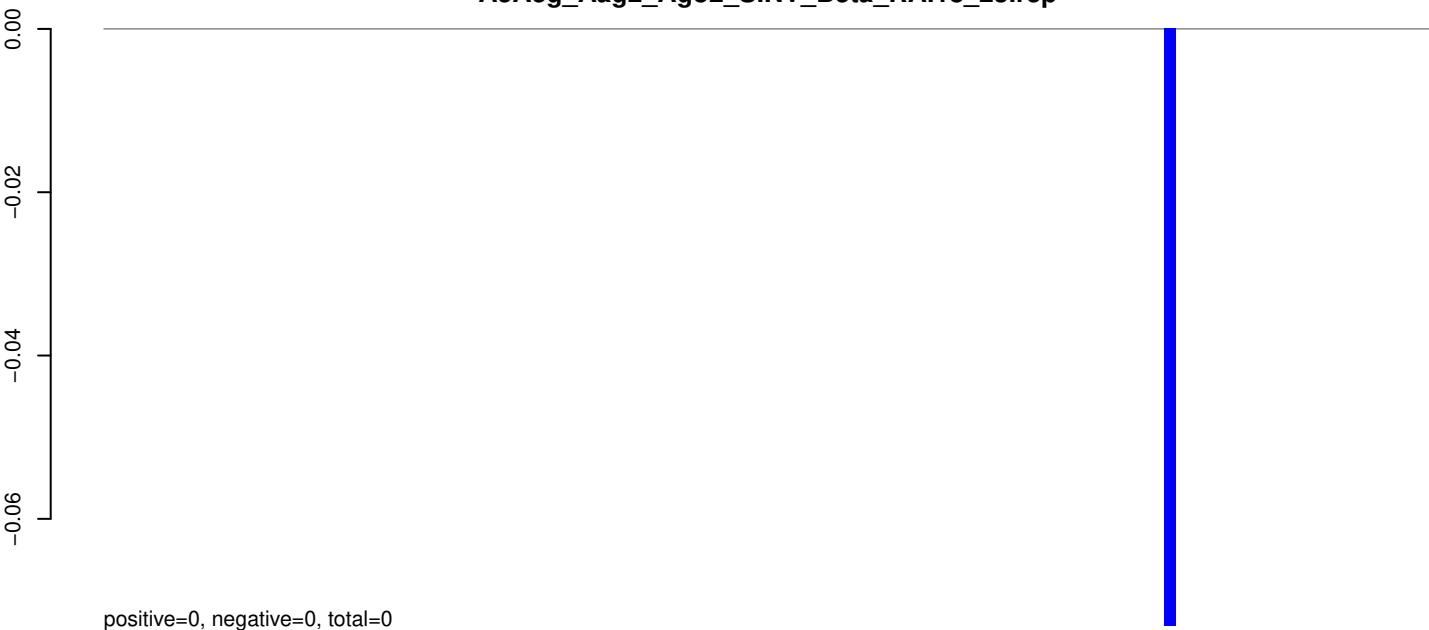
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



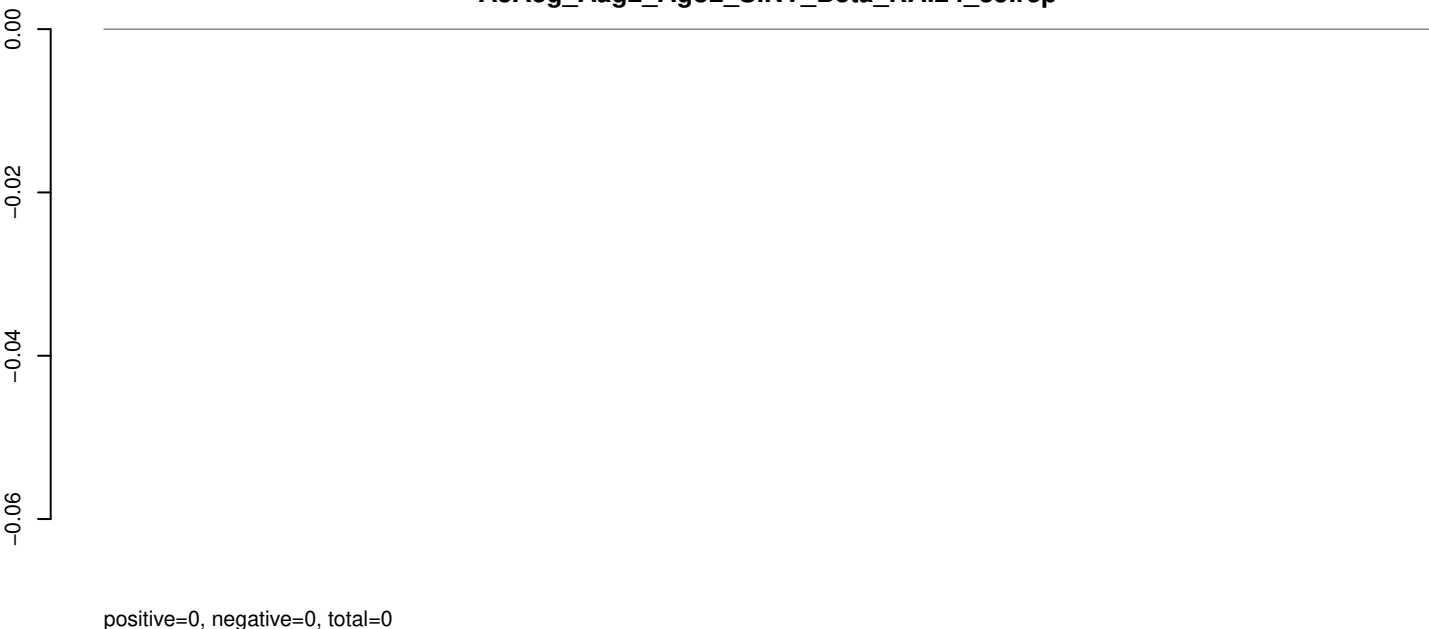
Window size=25, length=5068, TE@Gypsy-106\_AA-LTR-I:1-5068

0 1000 2000 3000 4000 5000

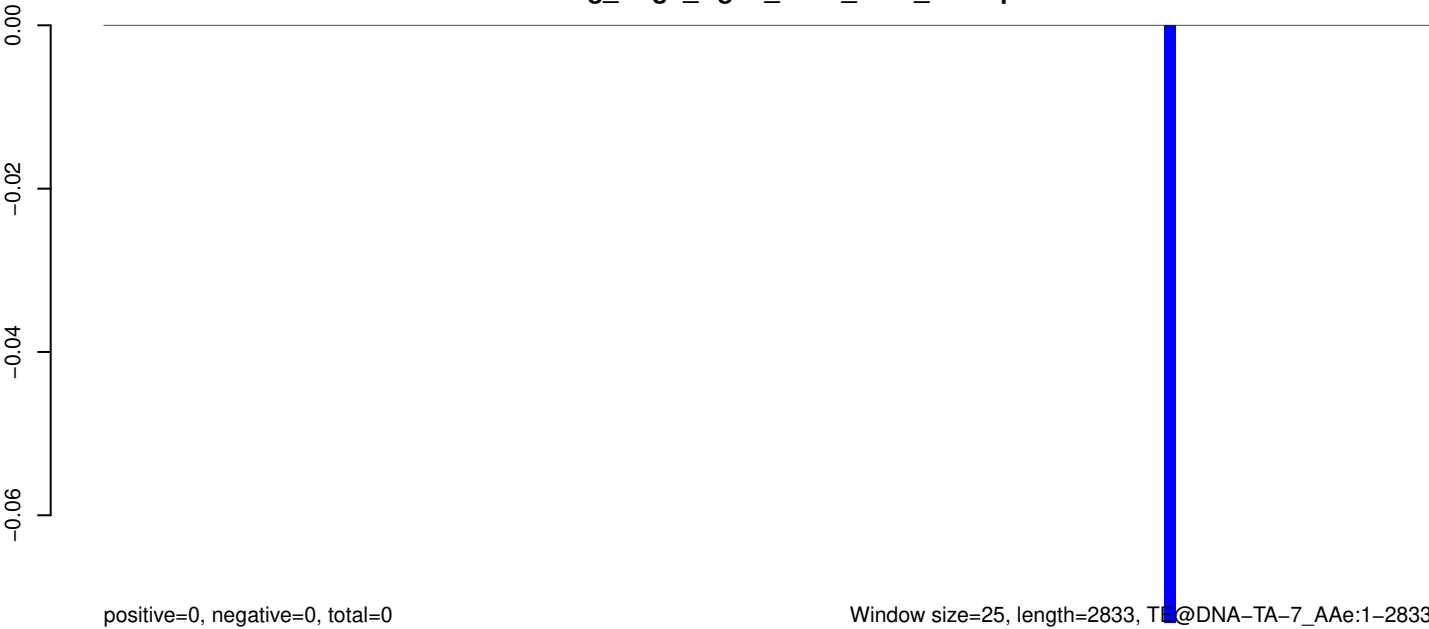
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

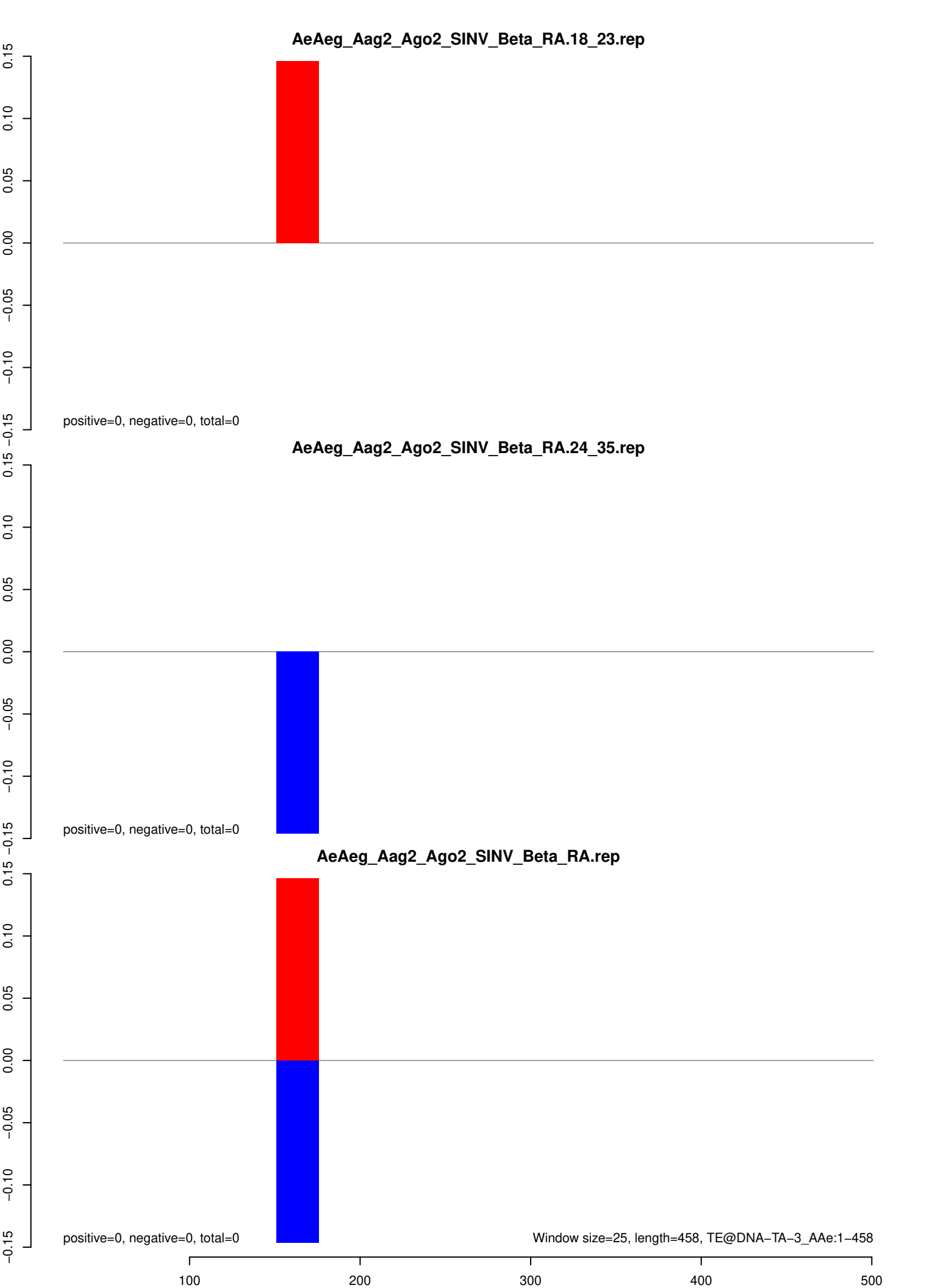


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

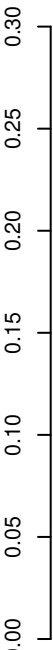


Window size=25, length=2833, T@DNA-TA-7\_Ae:1-2833

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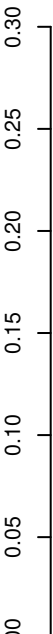


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



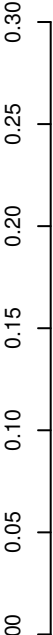
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



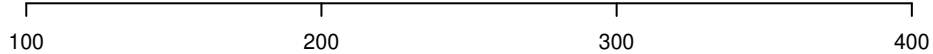
positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

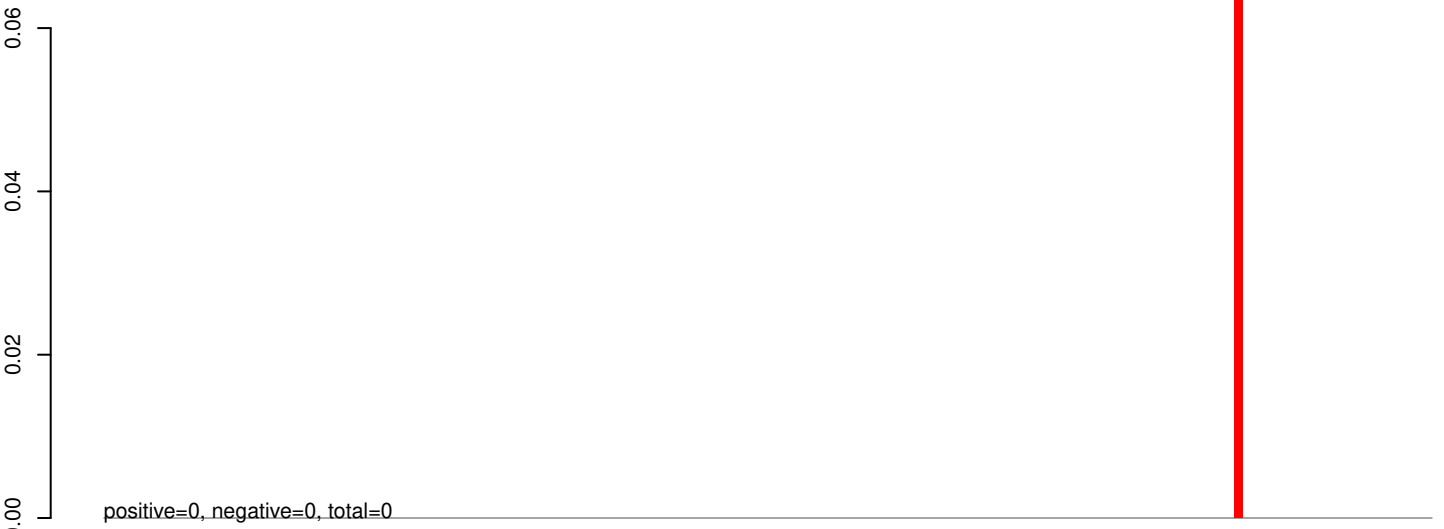


positive=0, negative=0, total=0

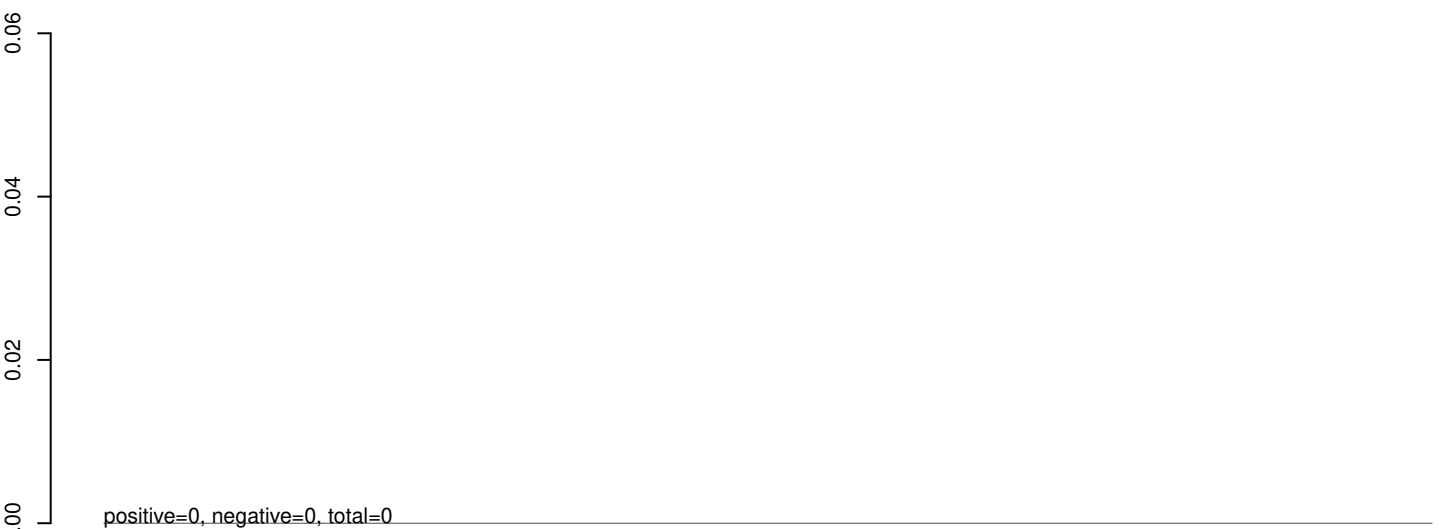
Window size=25, length=429, TE@DNA-14\_A Ae:1-429



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



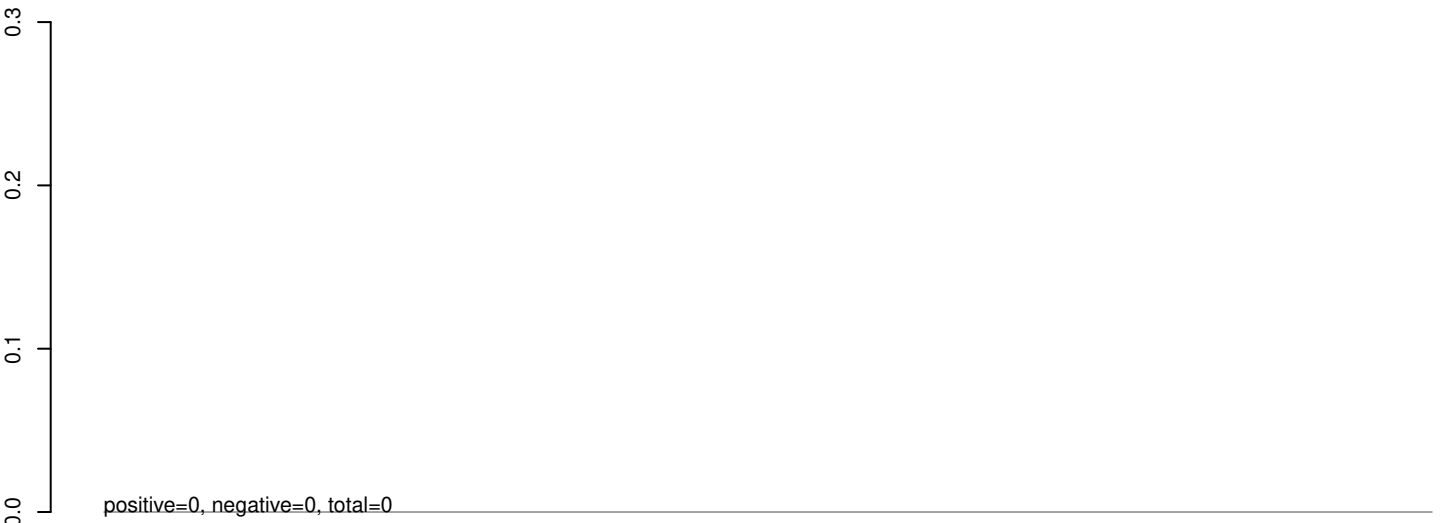
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



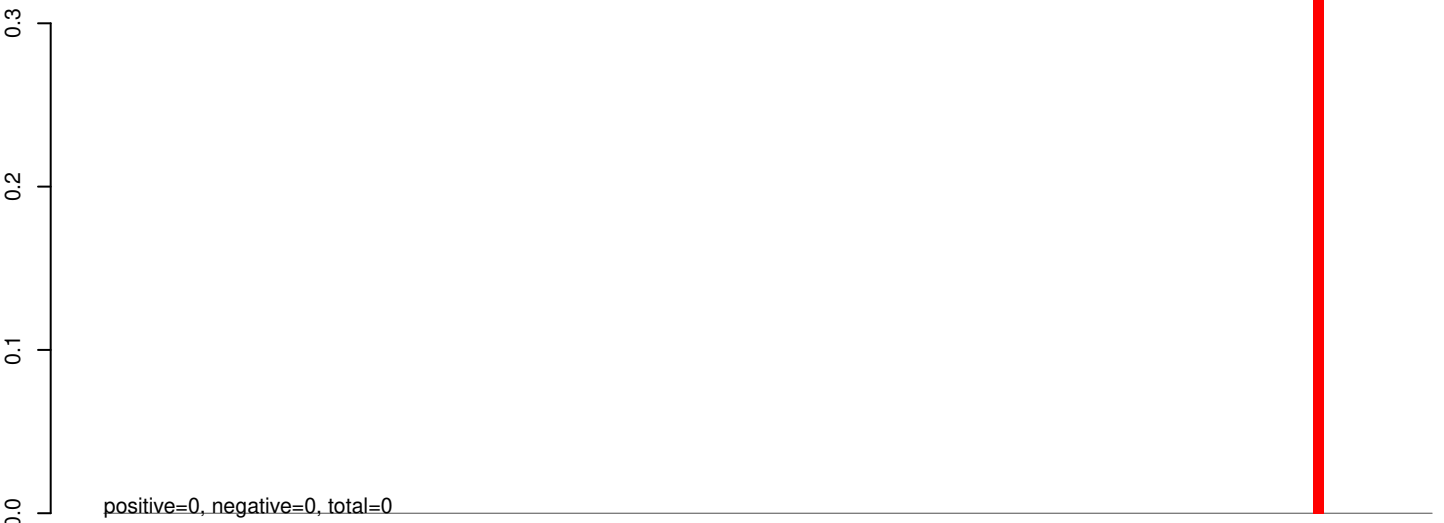
0 1000 2000 3000 4000



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



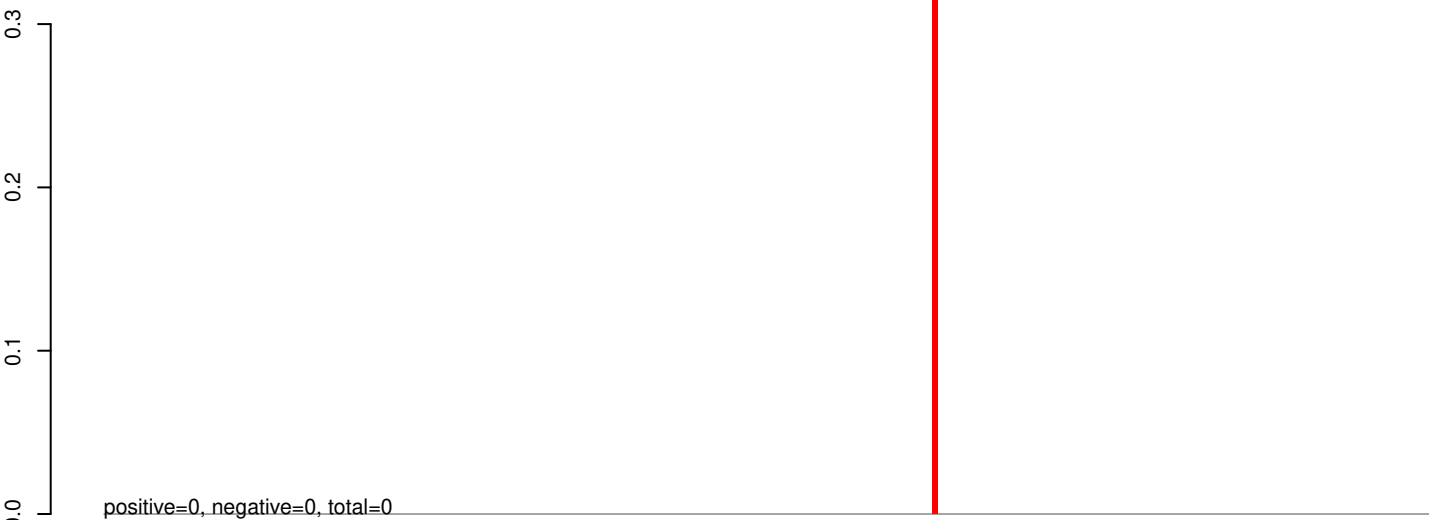
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep



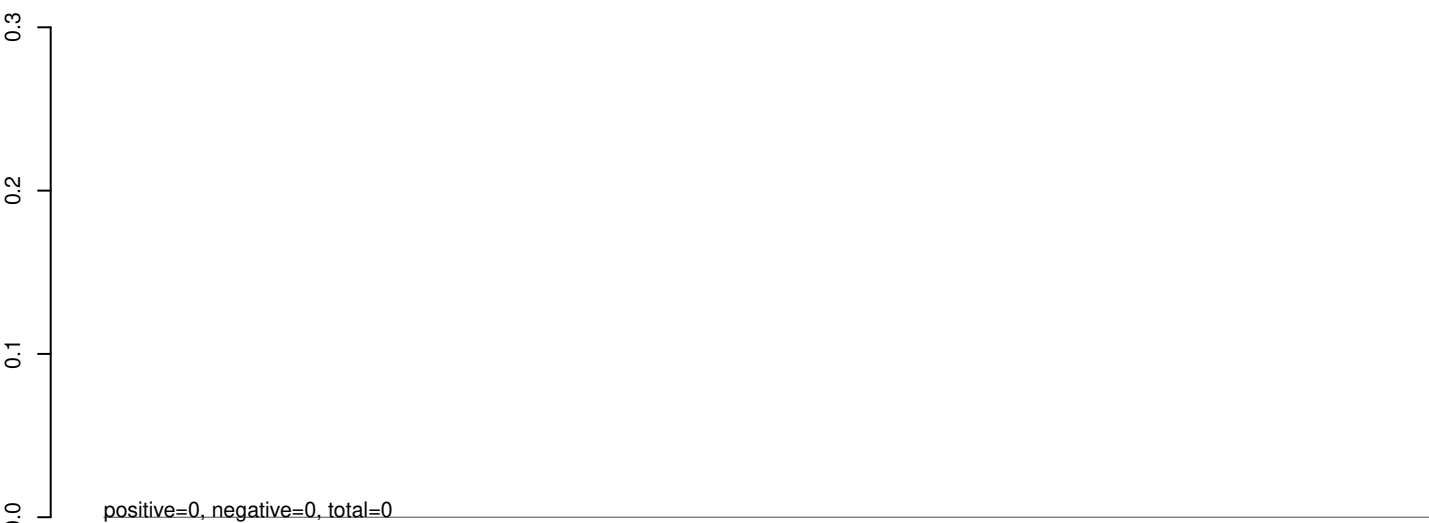
AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep



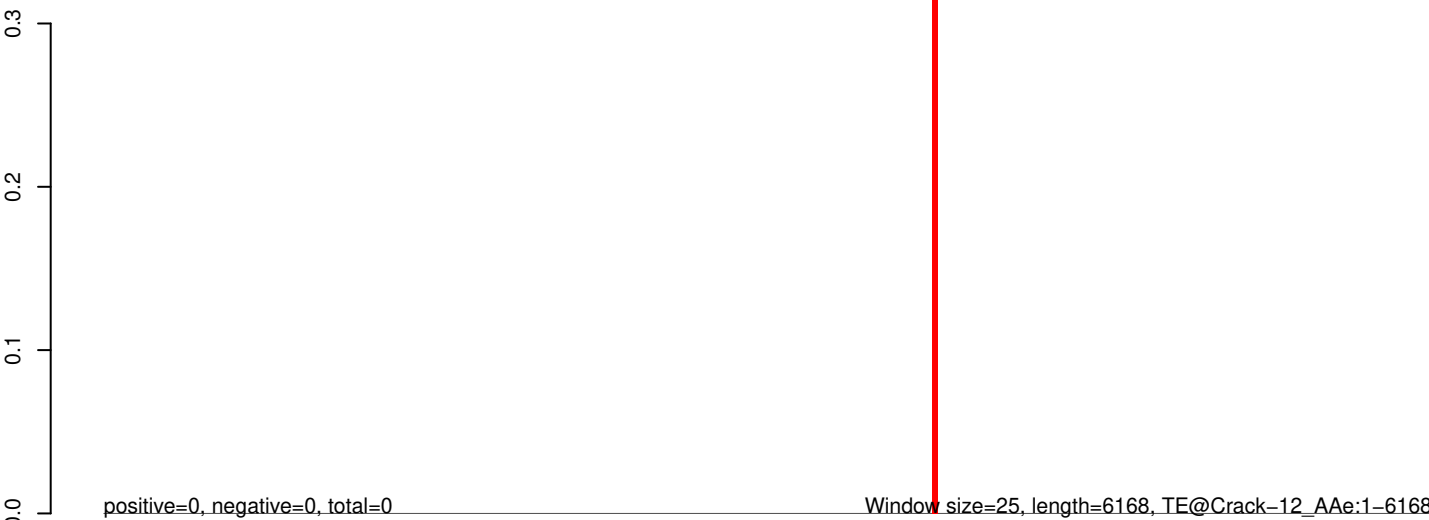
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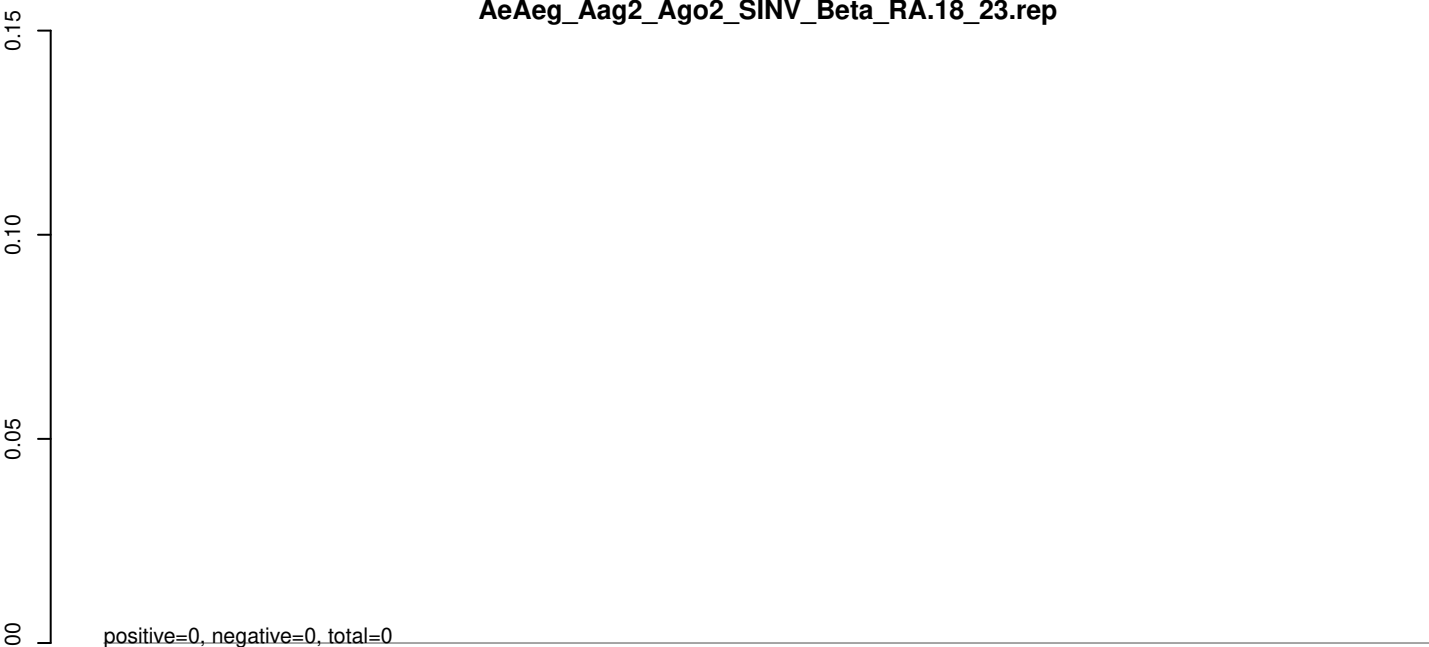
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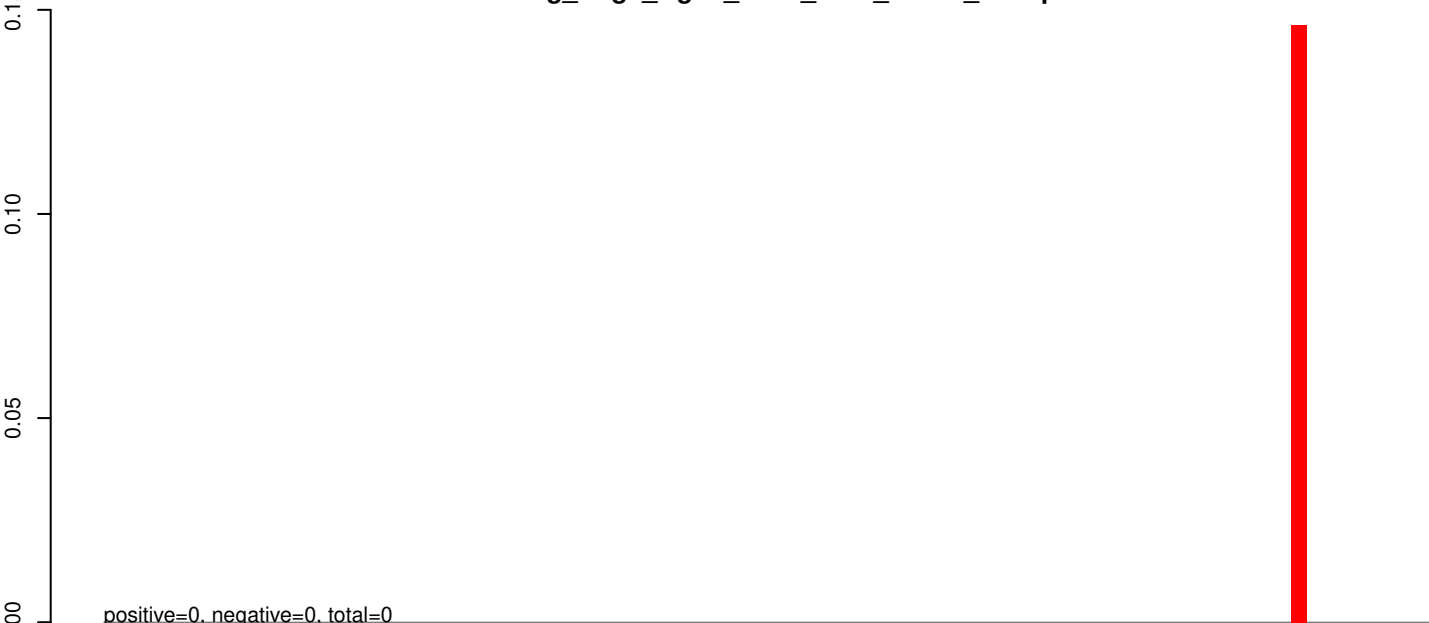
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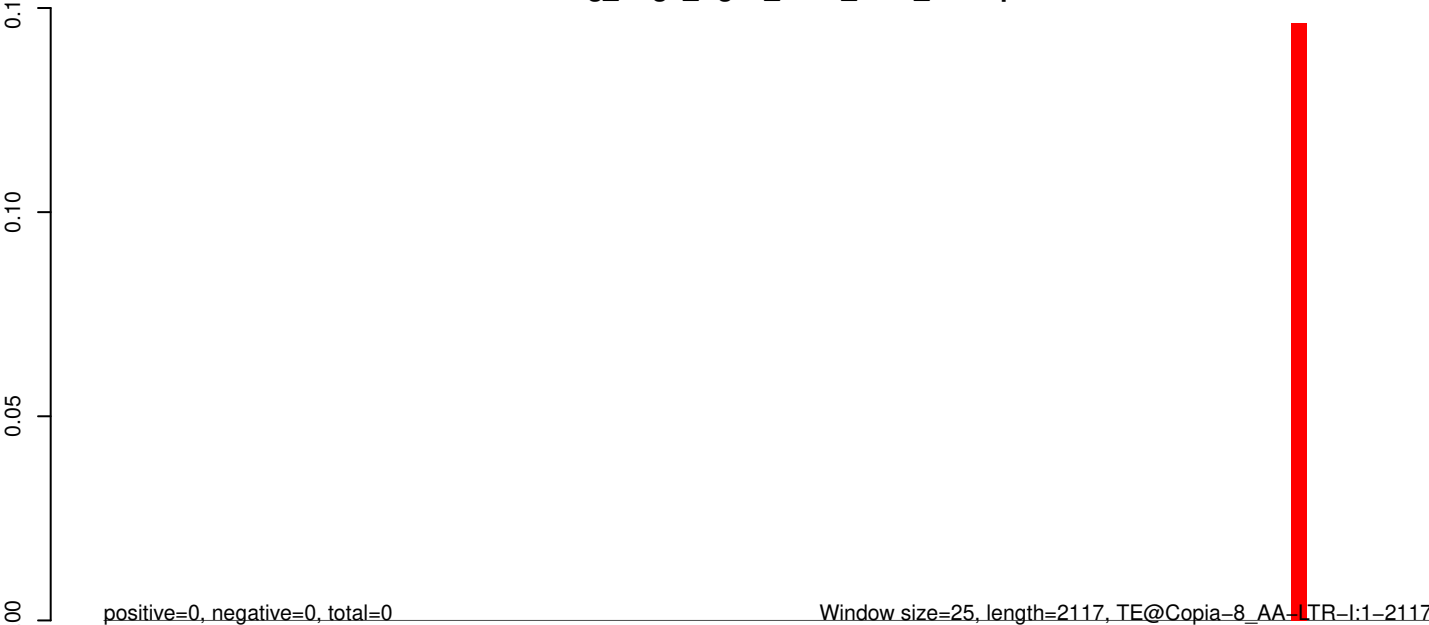
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

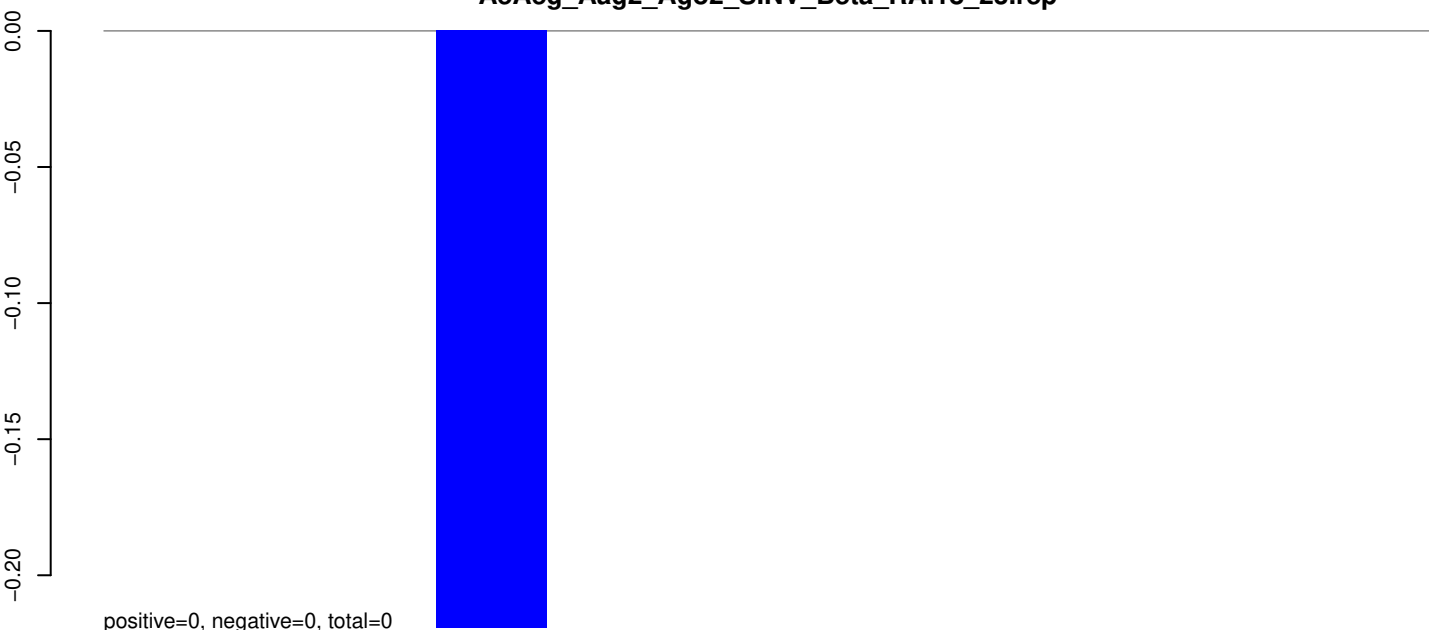


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



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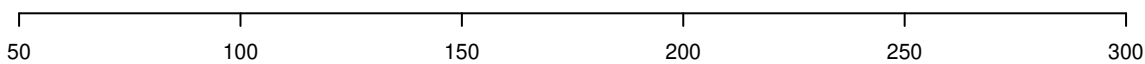
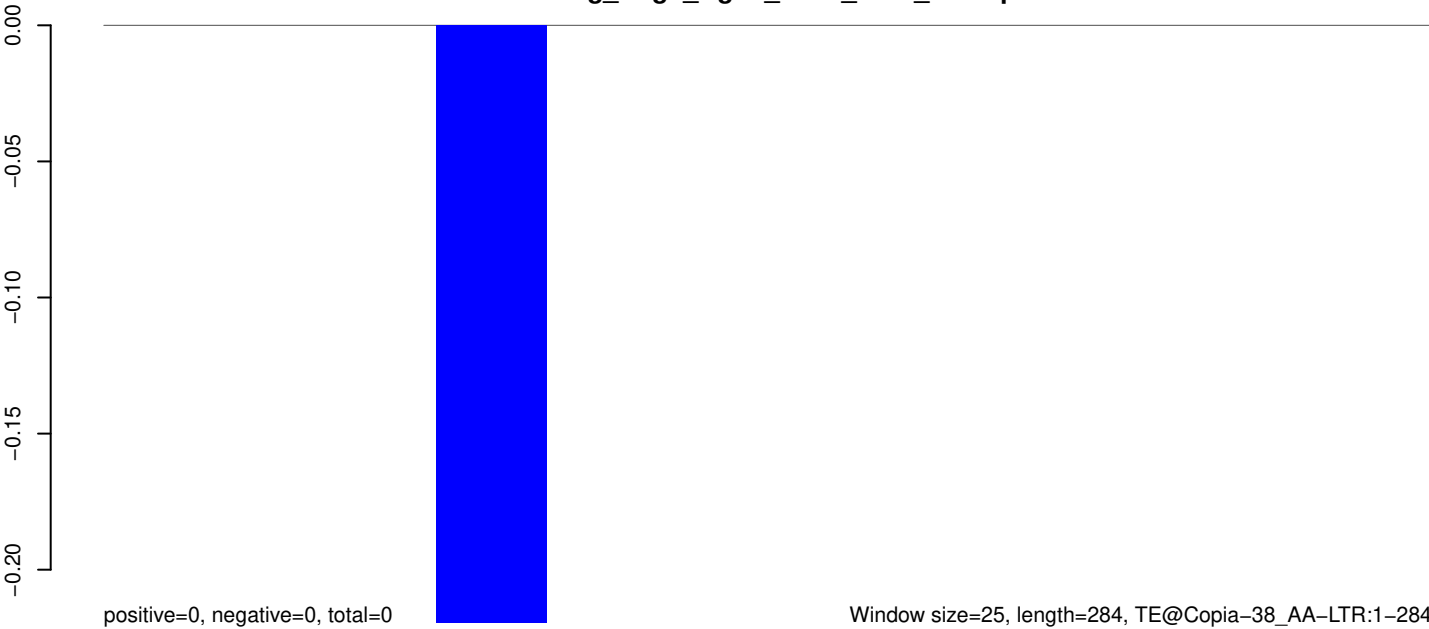
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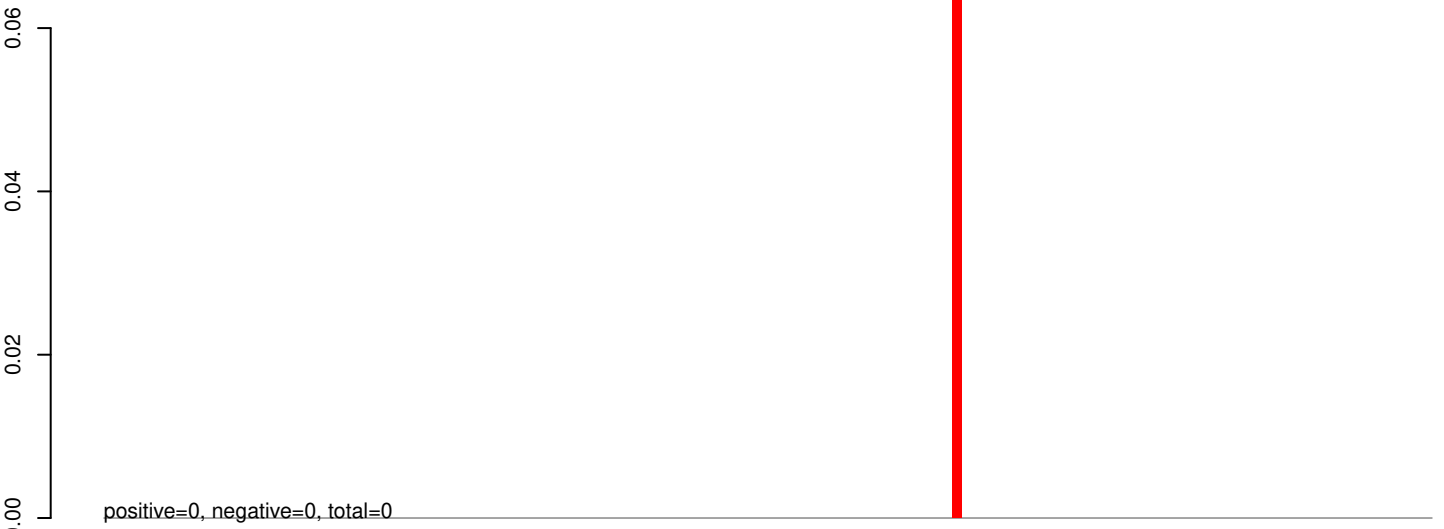
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



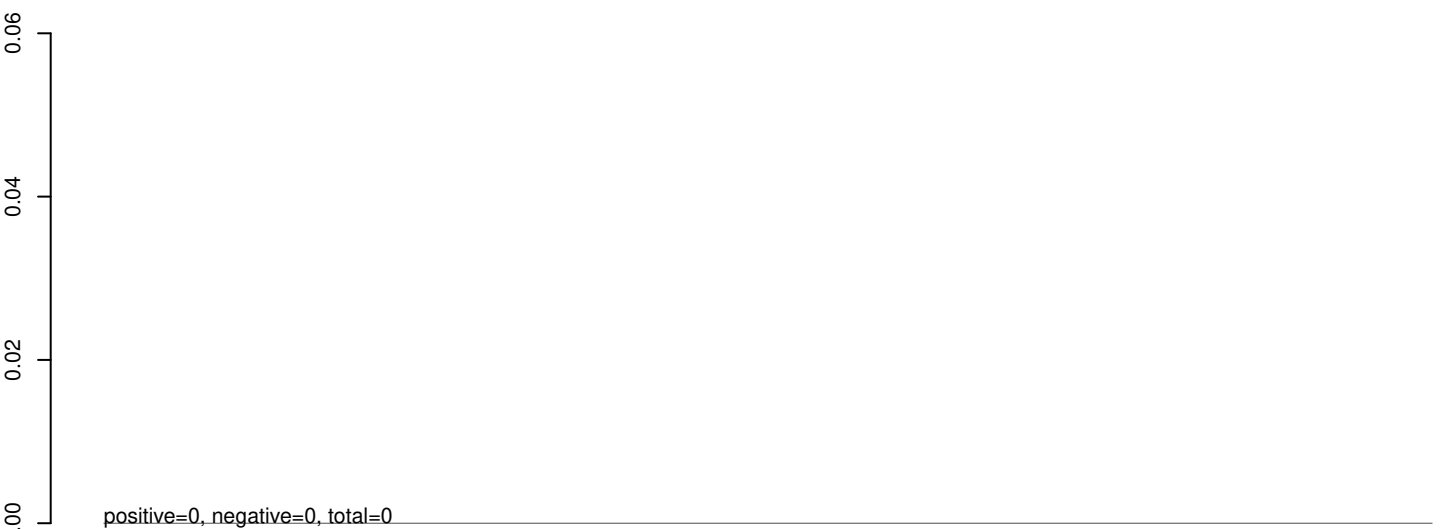
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



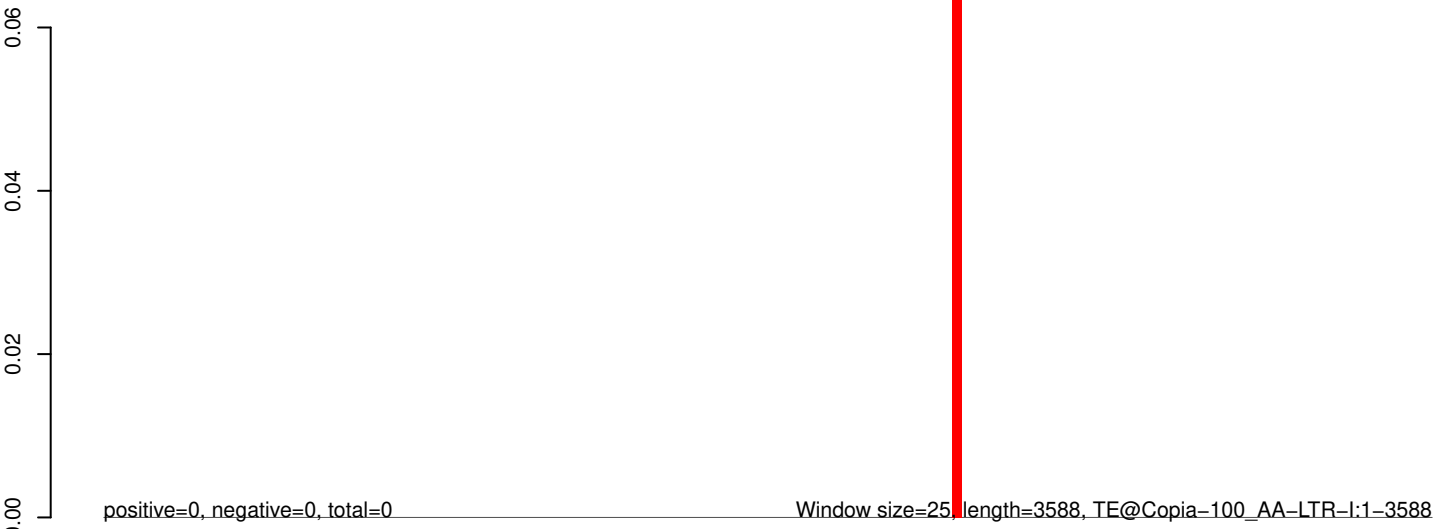
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

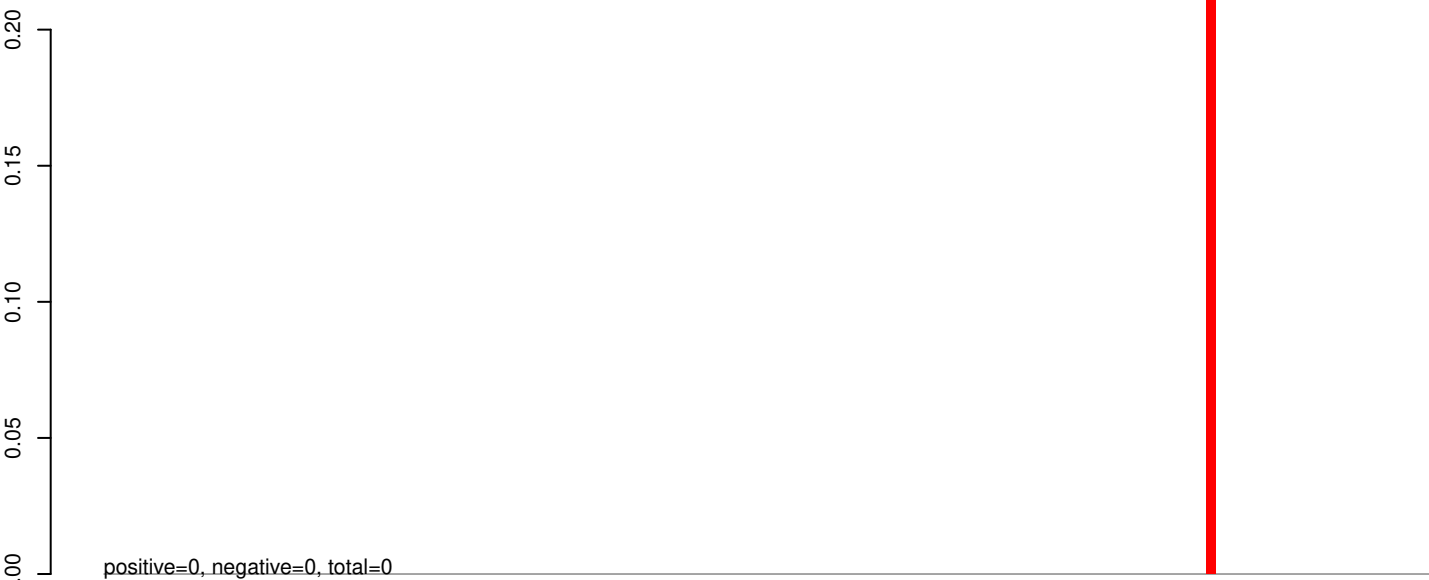


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

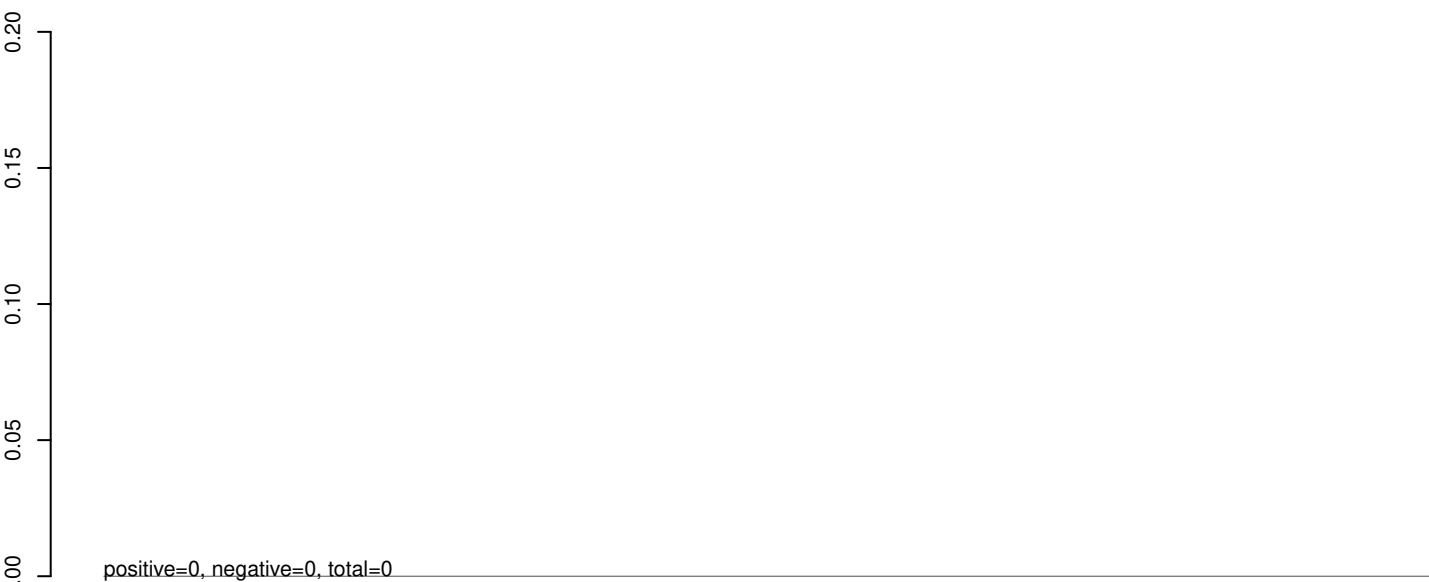


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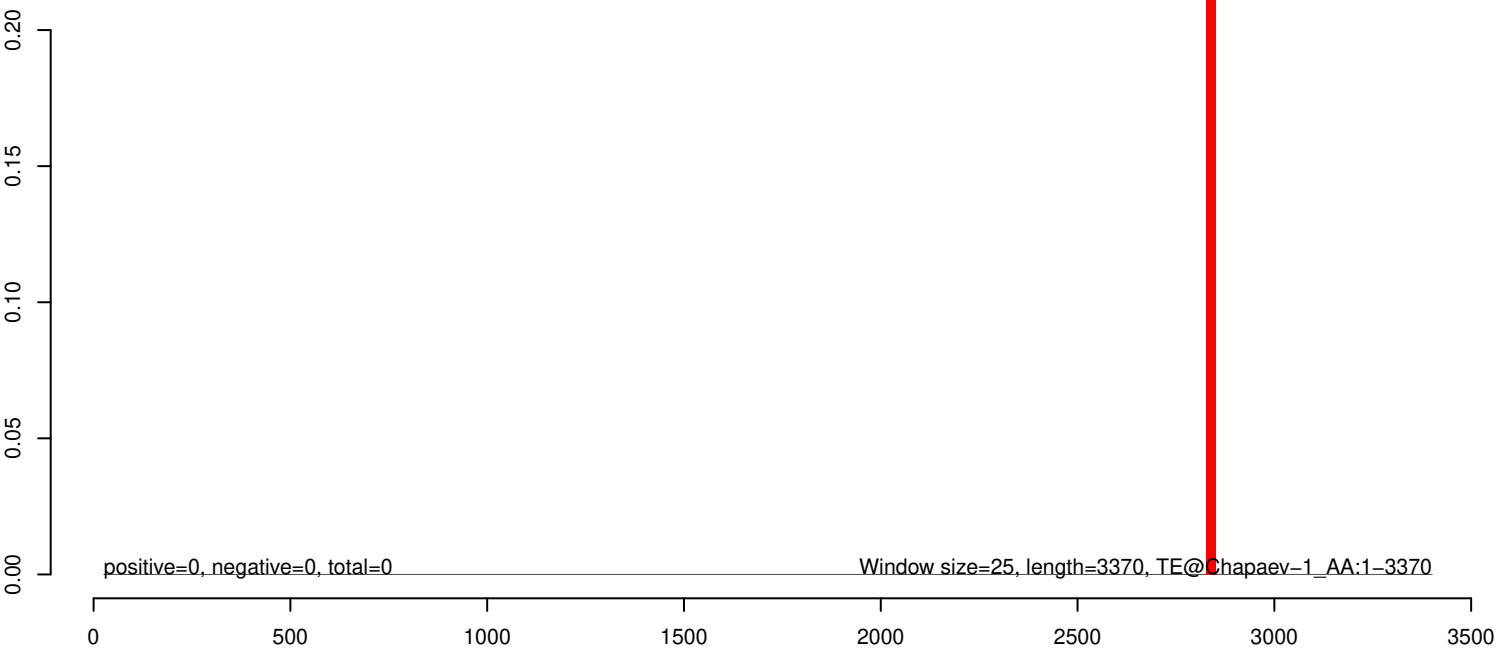
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

0.15  
0.10  
0.05  
0.00

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

0.15  
0.10  
0.05  
0.00

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

0.15  
0.10  
0.05  
0.00

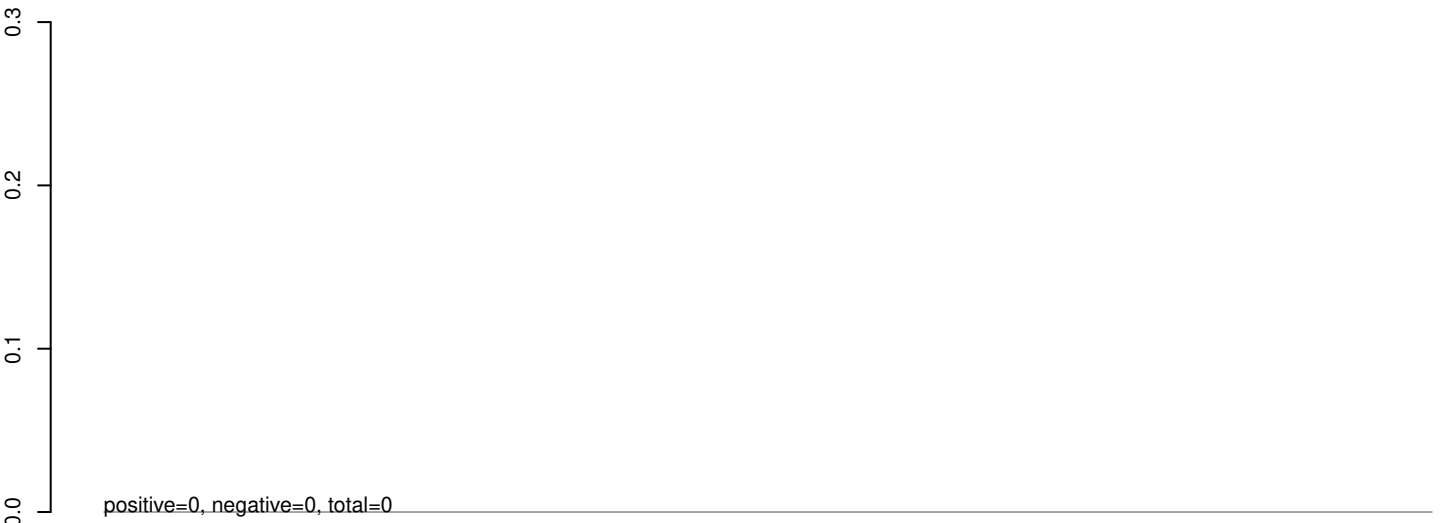
positive=0, negative=0, total=0

Window size=25, length=4181, TE@CR1\_Ele21:1-4181

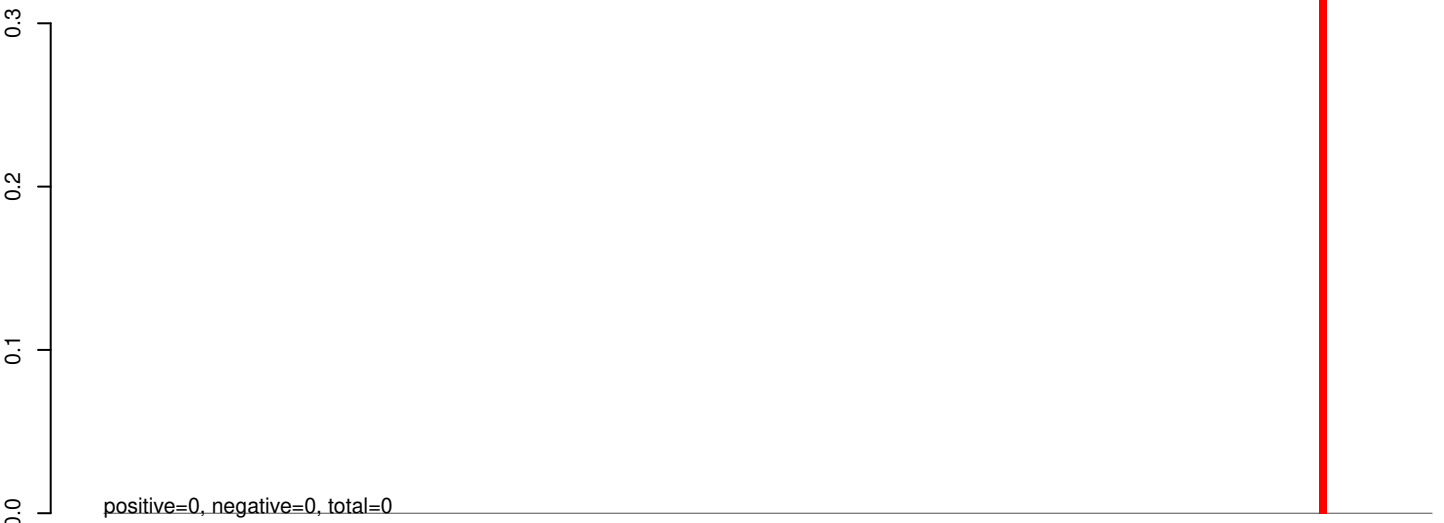
0 1000 2000 3000 4000



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

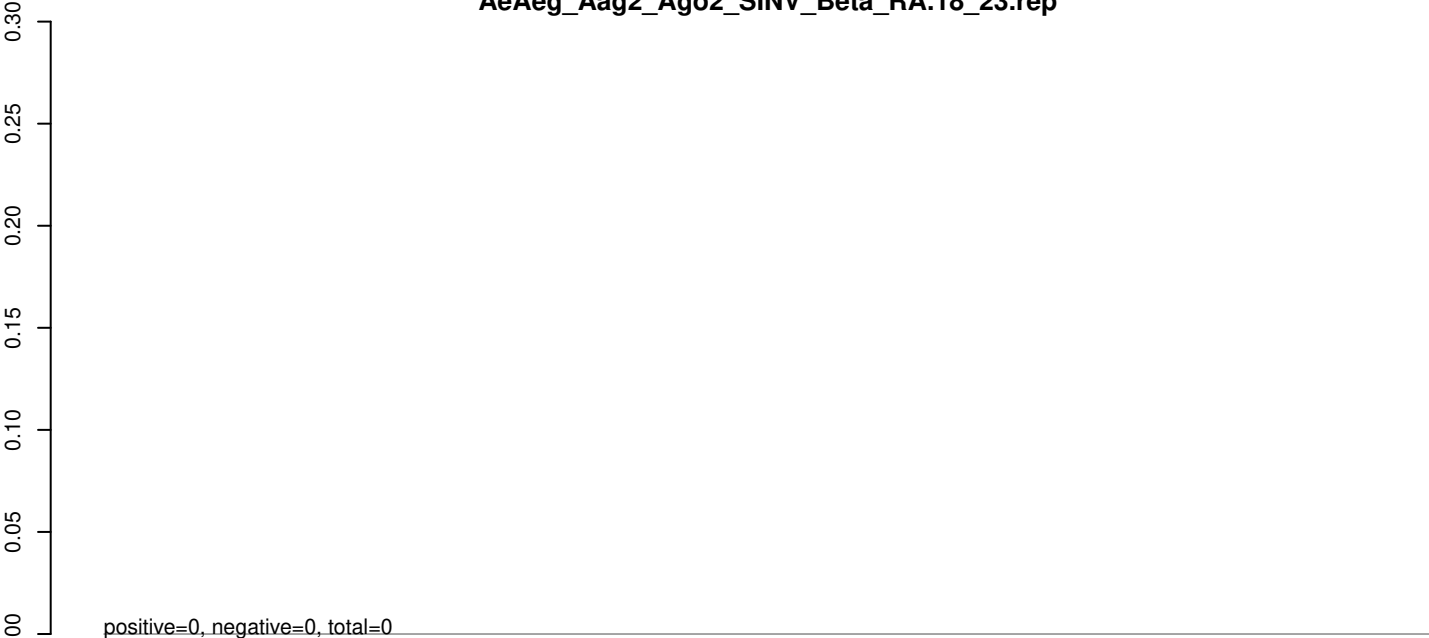


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**





**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



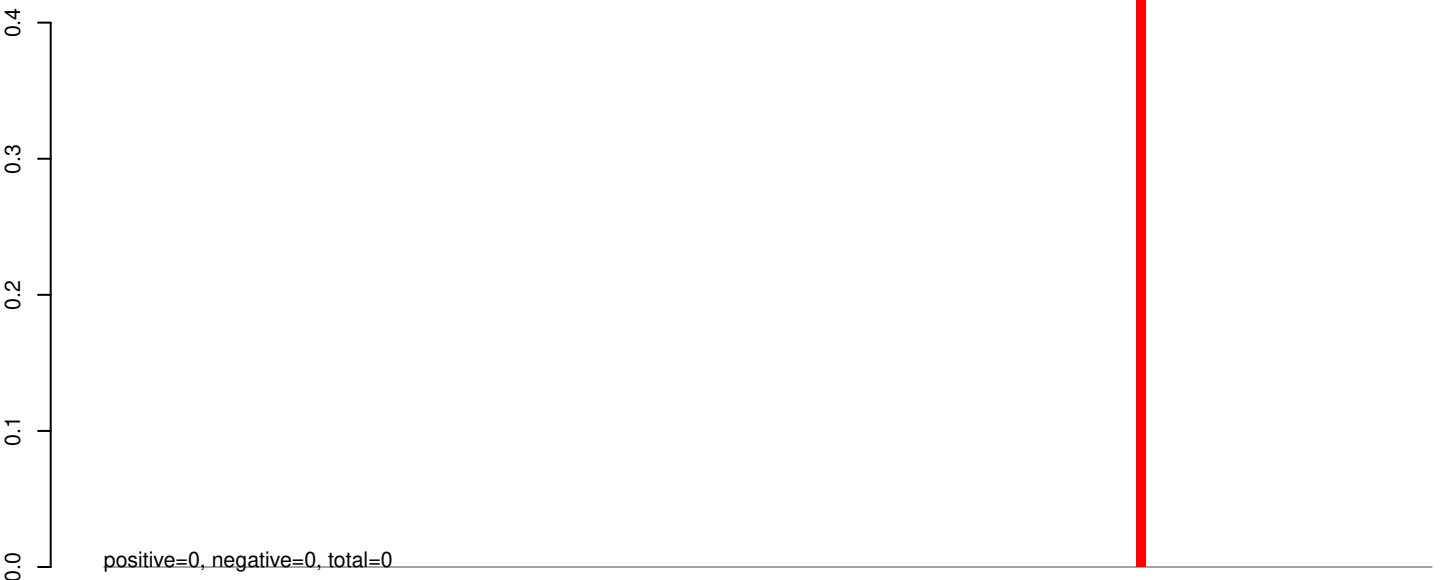
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



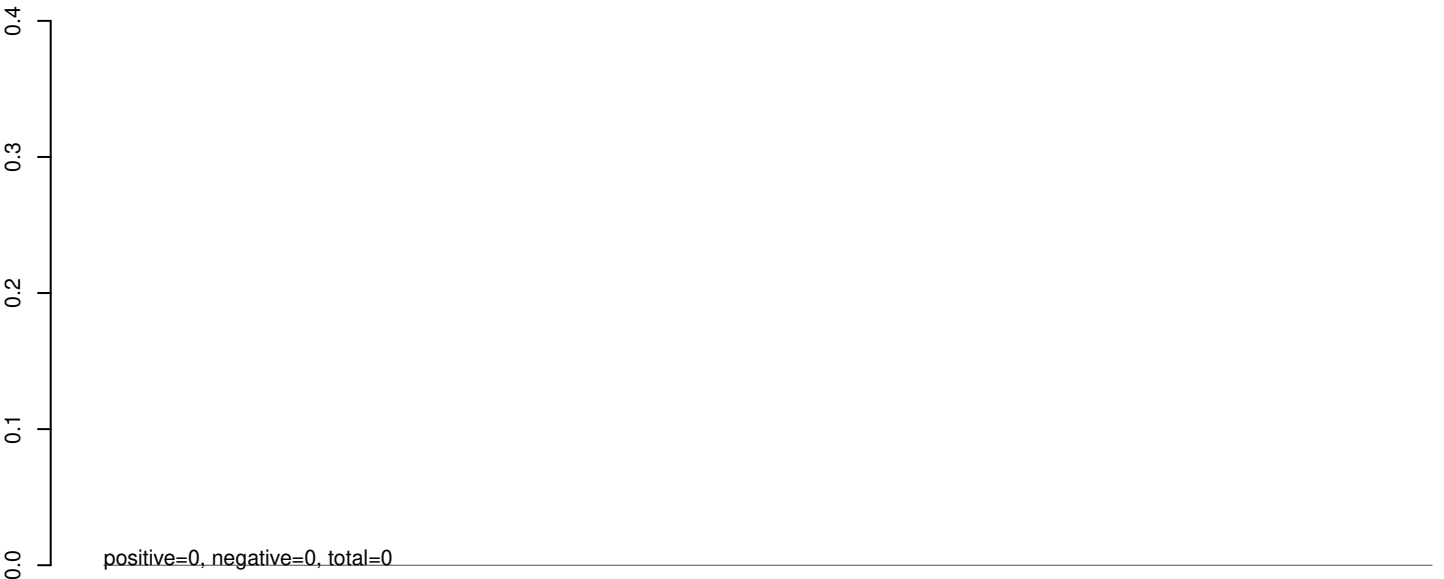
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0 1000 2000 3000 4000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

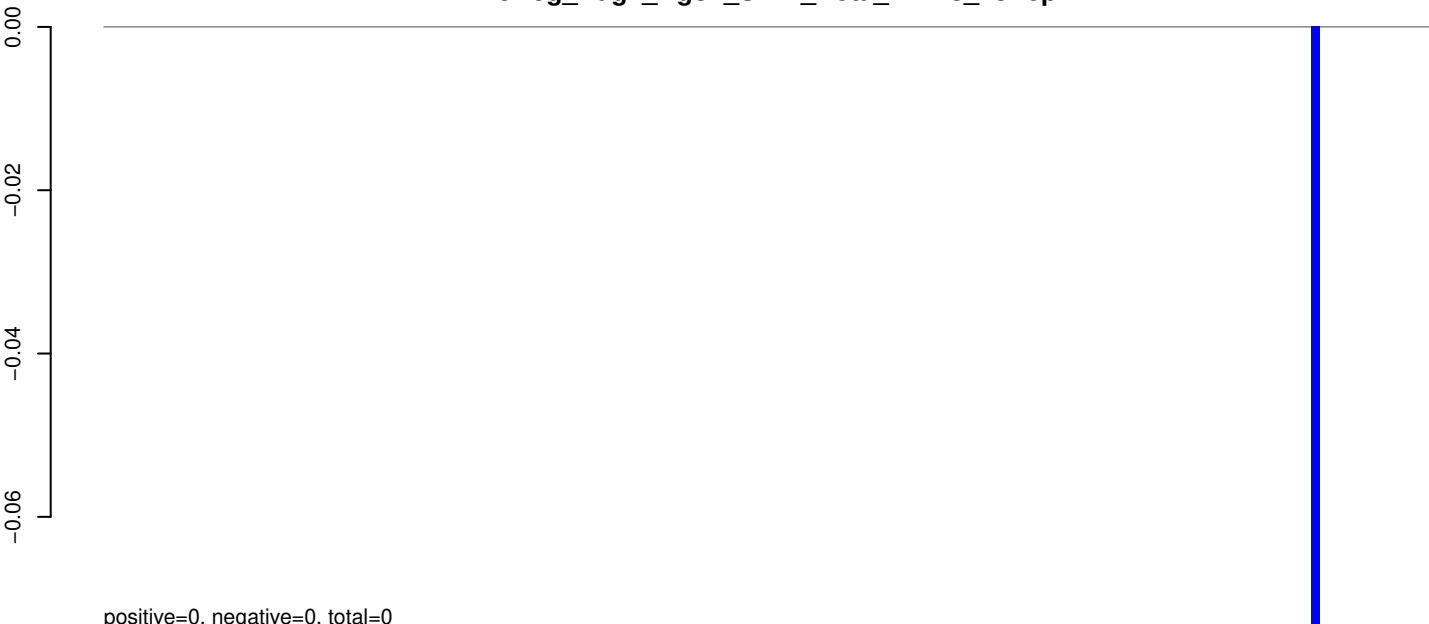


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

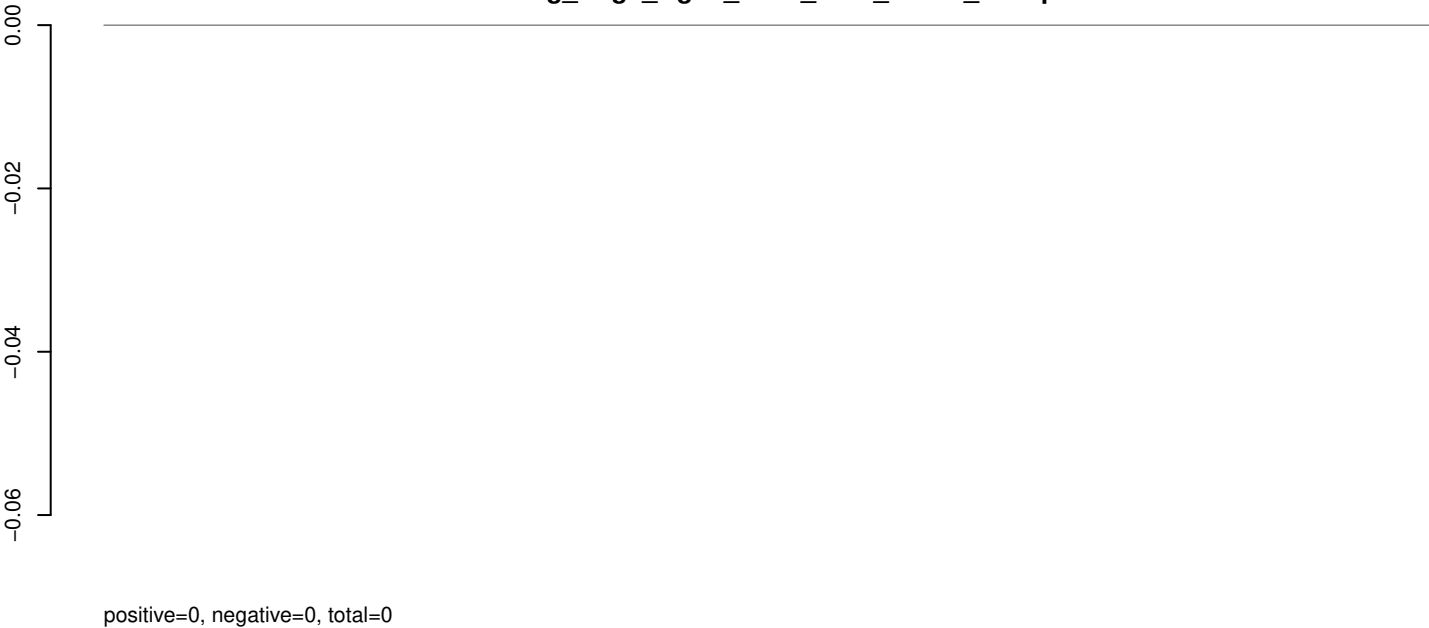


0 500 1000 1500 2000 2500 3000 3500

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



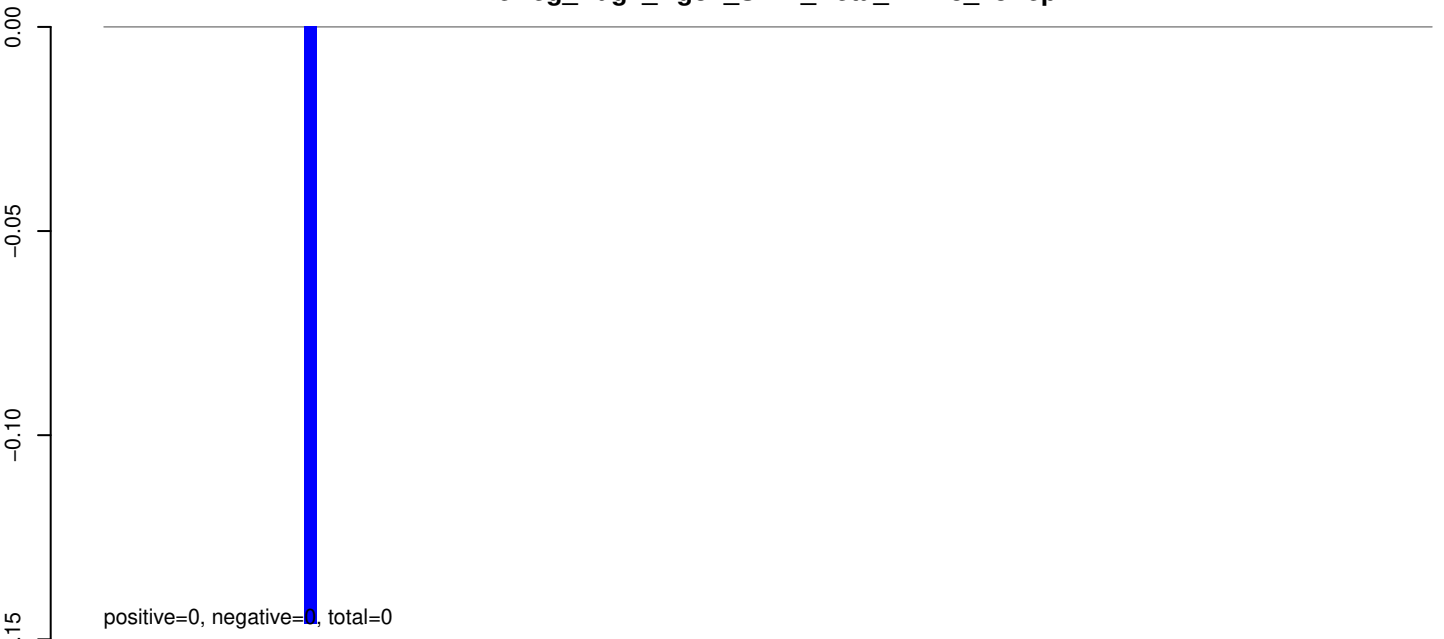
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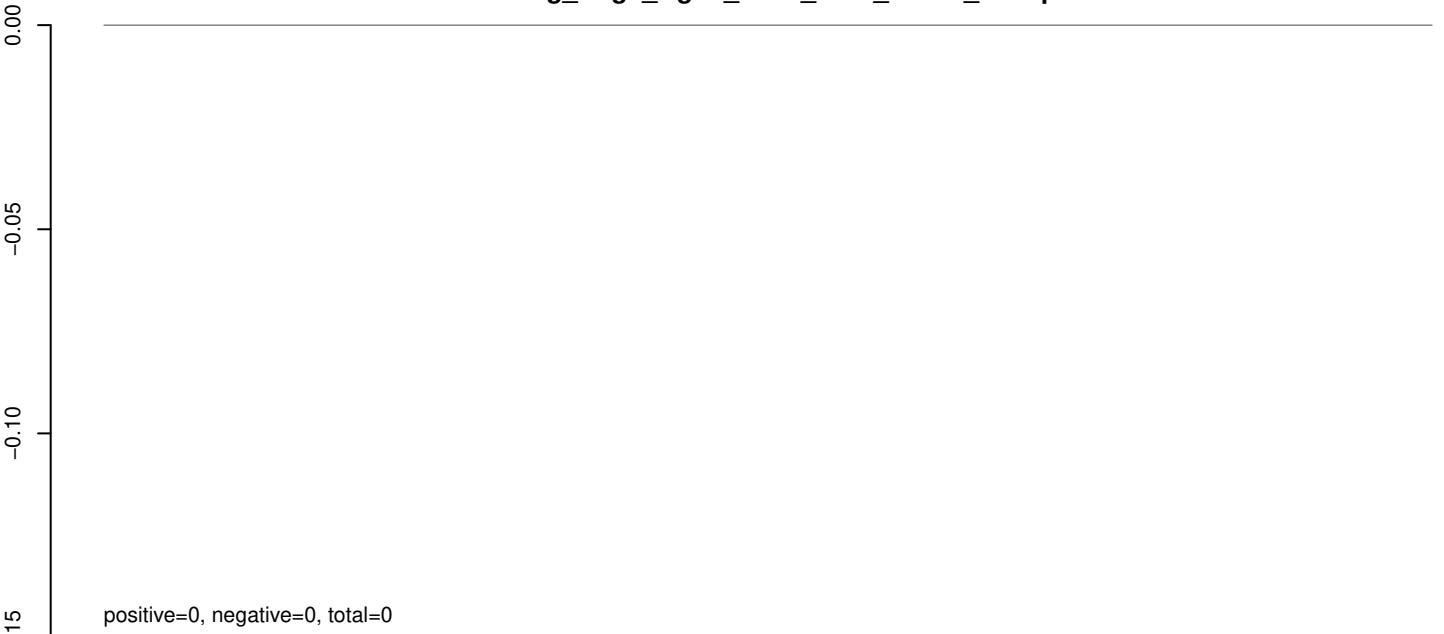
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



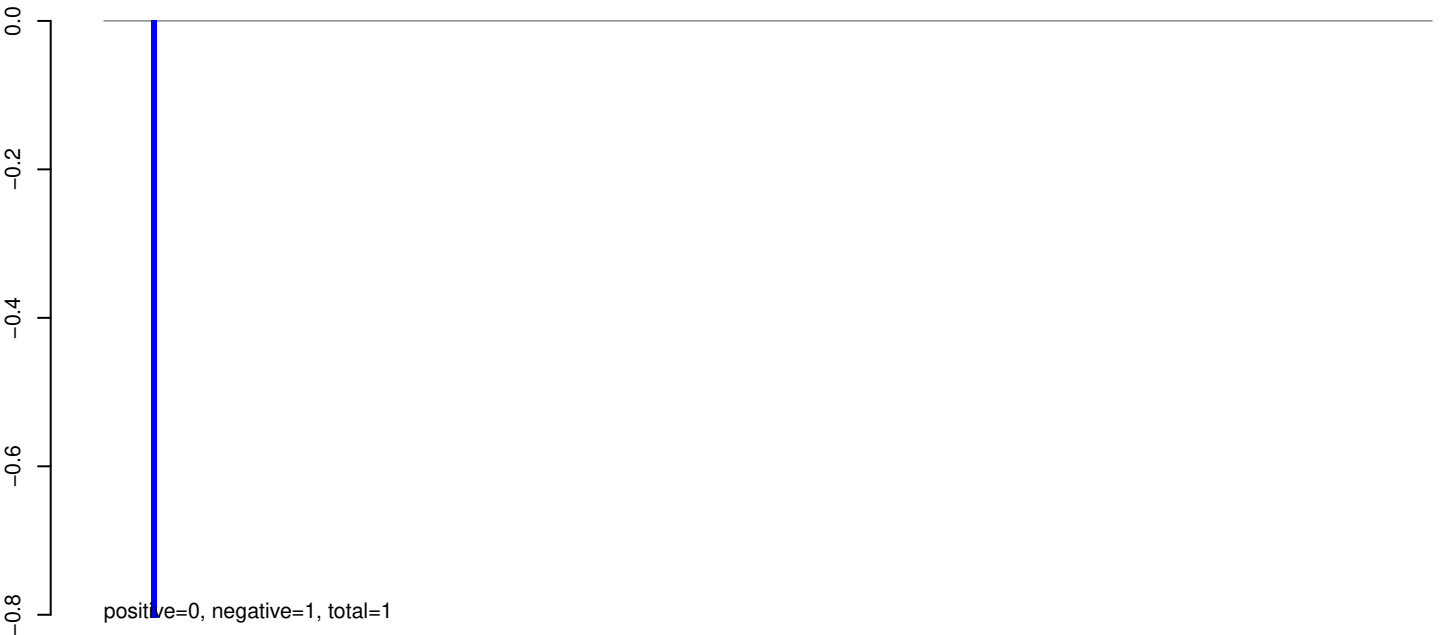
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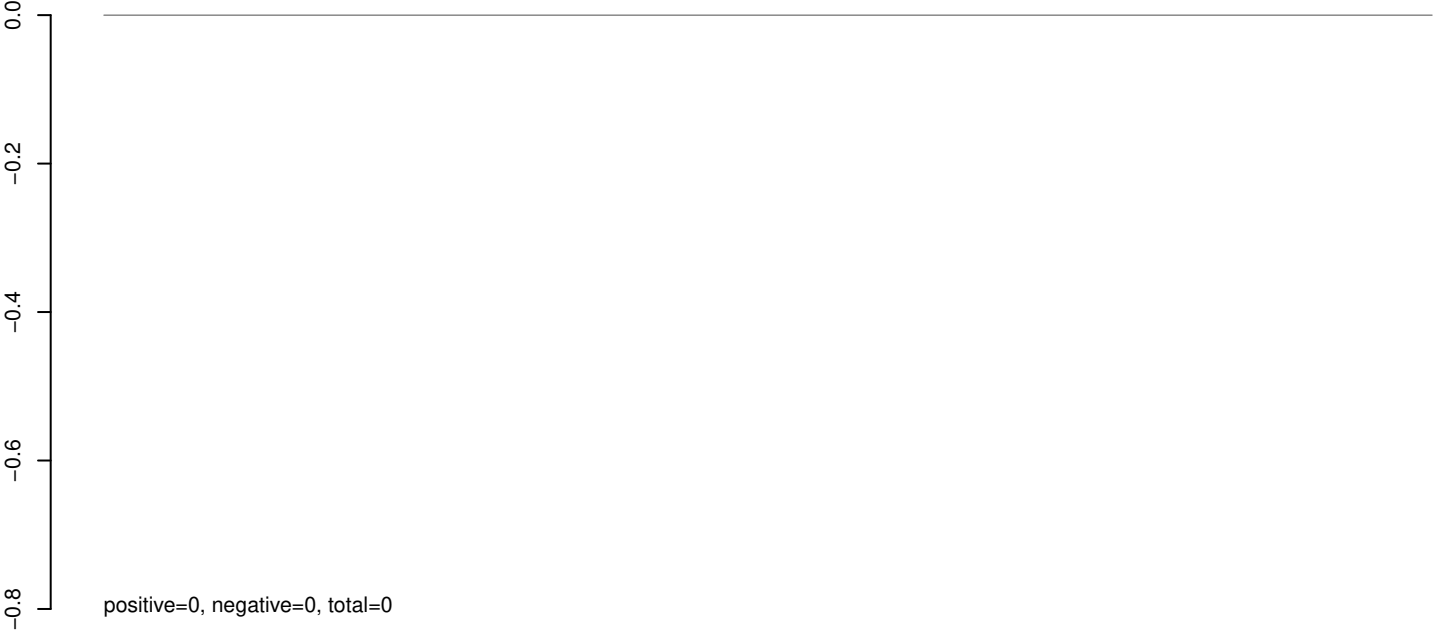
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



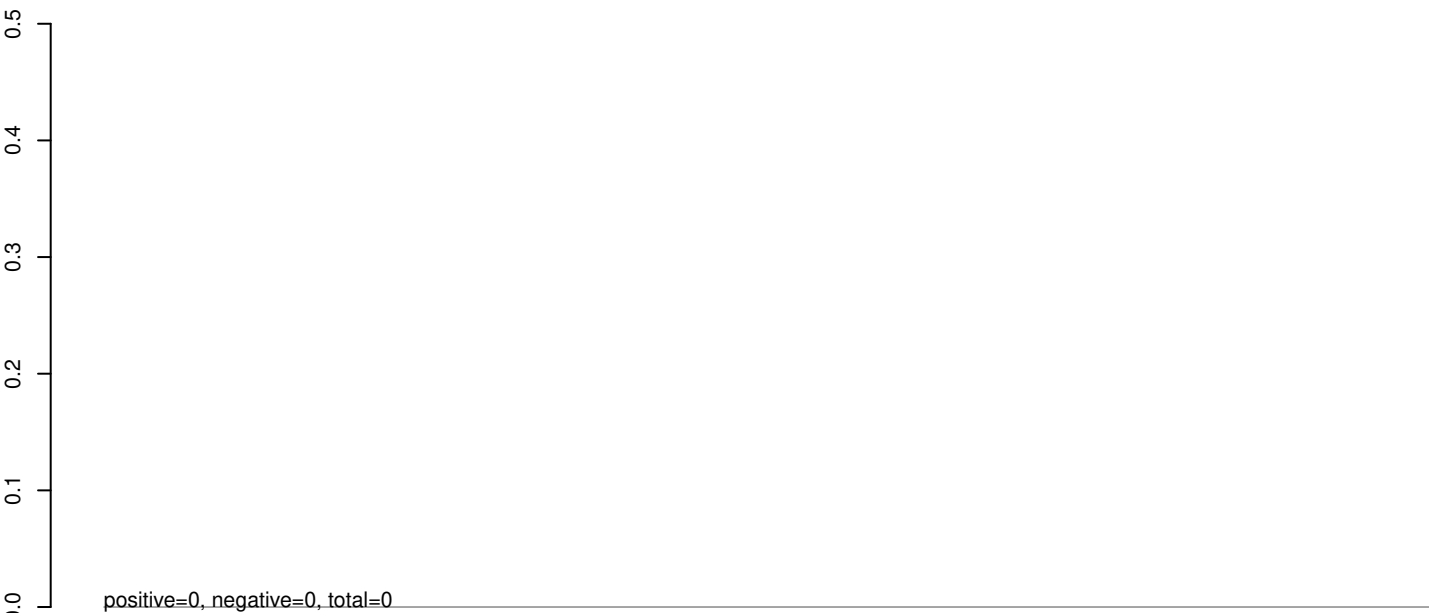
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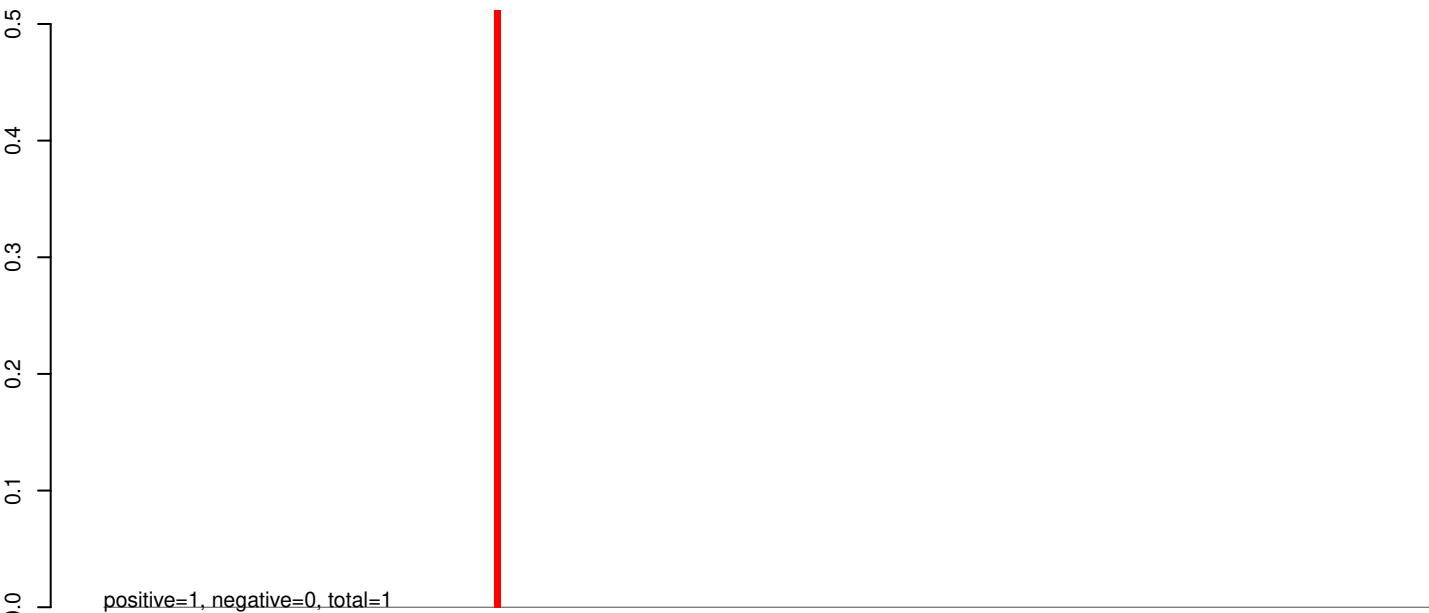
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



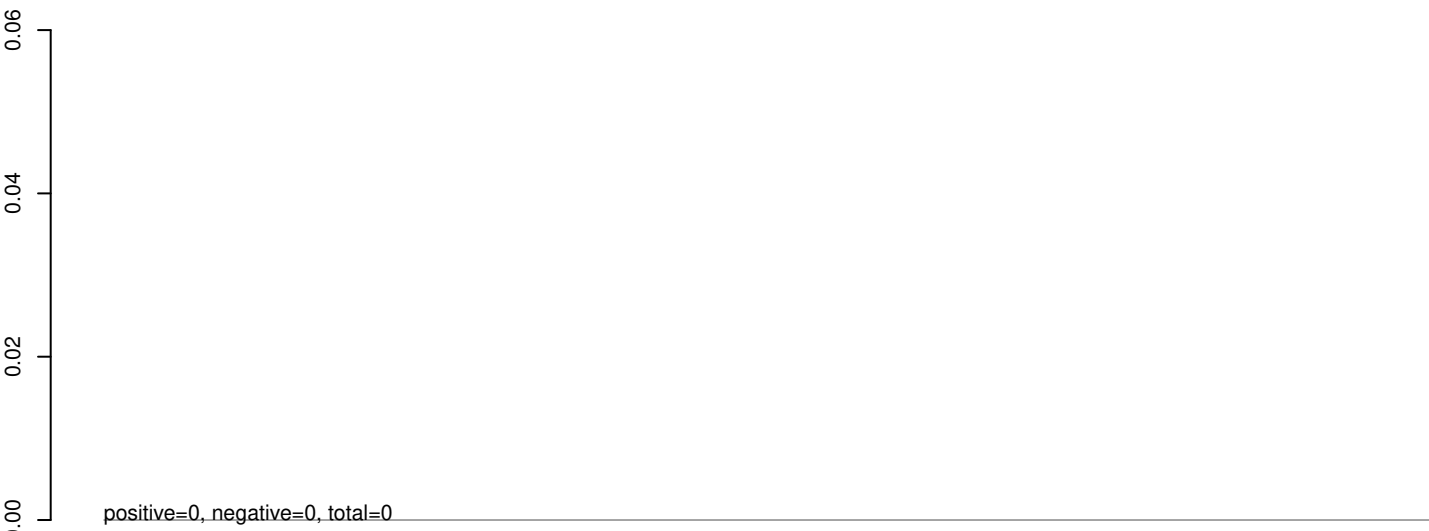
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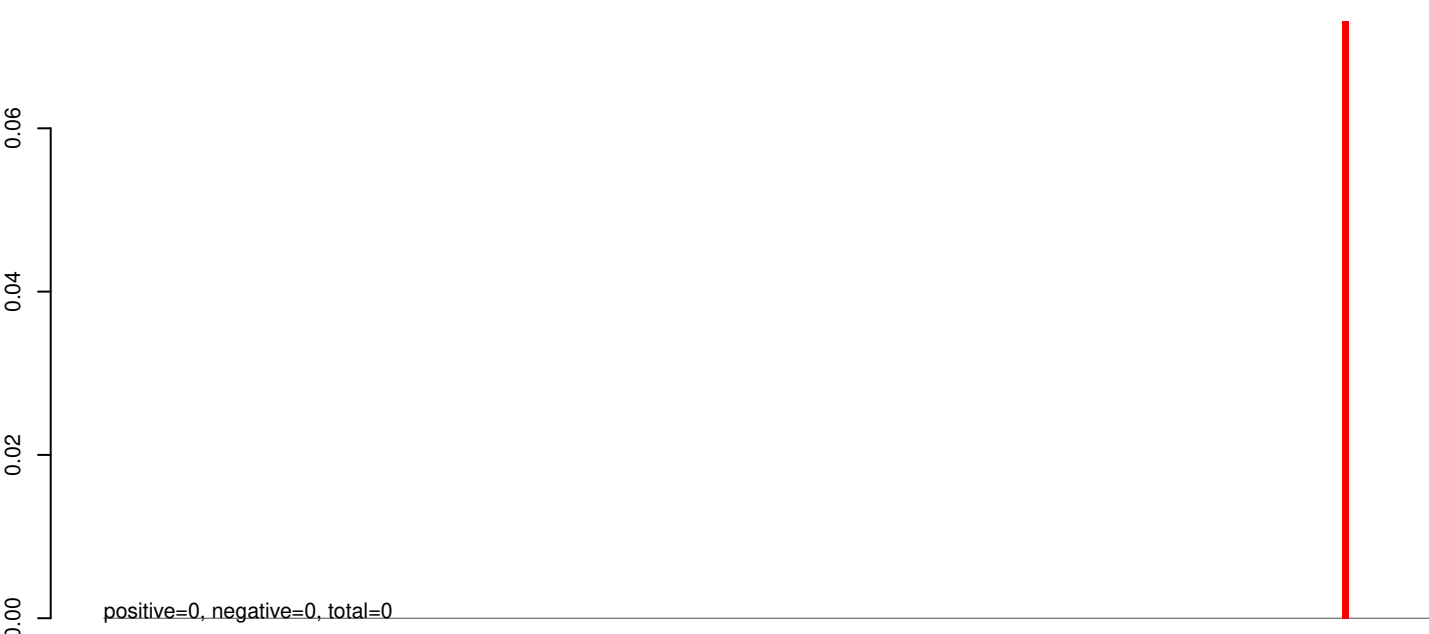
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep



AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

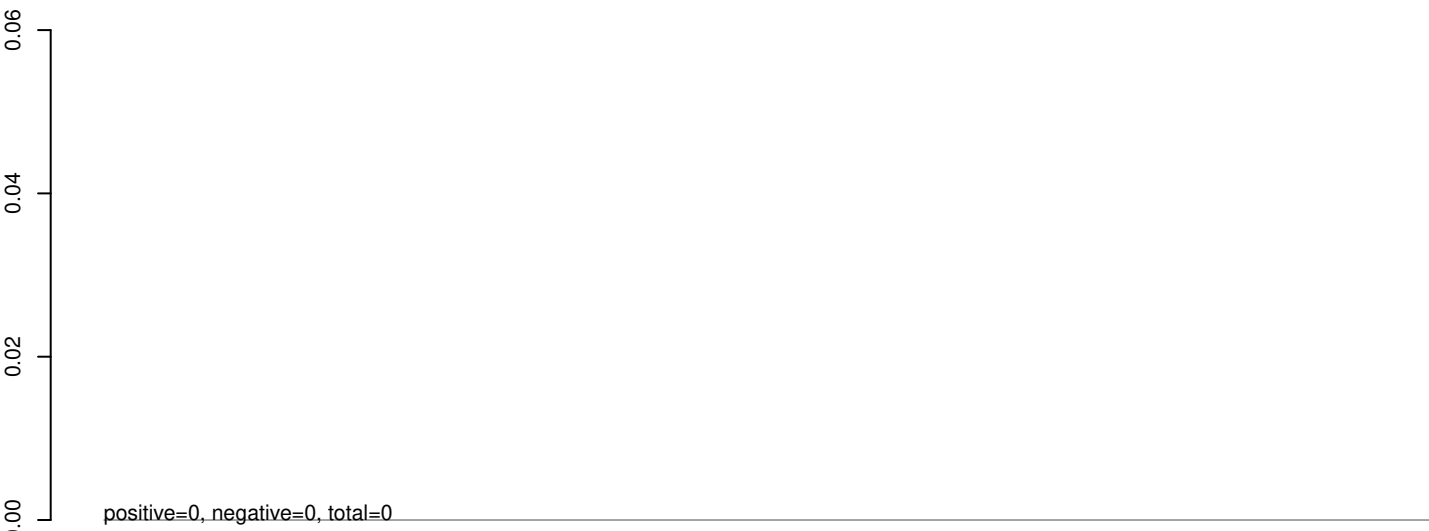


AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep

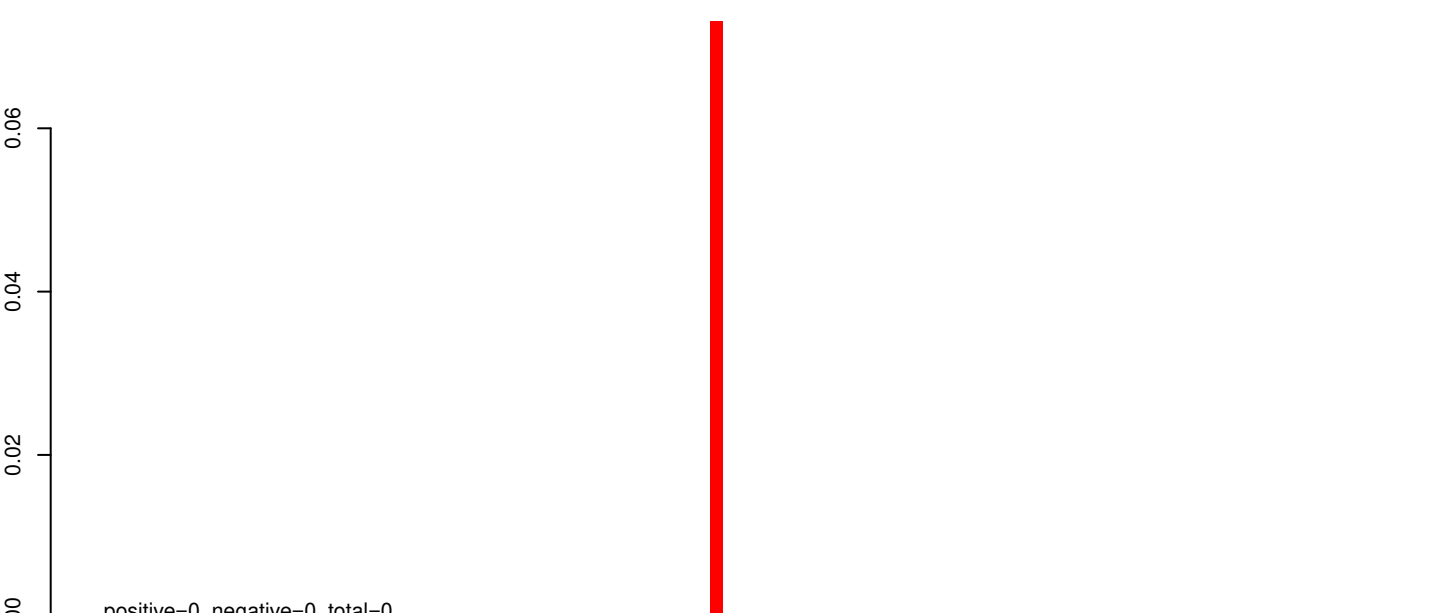


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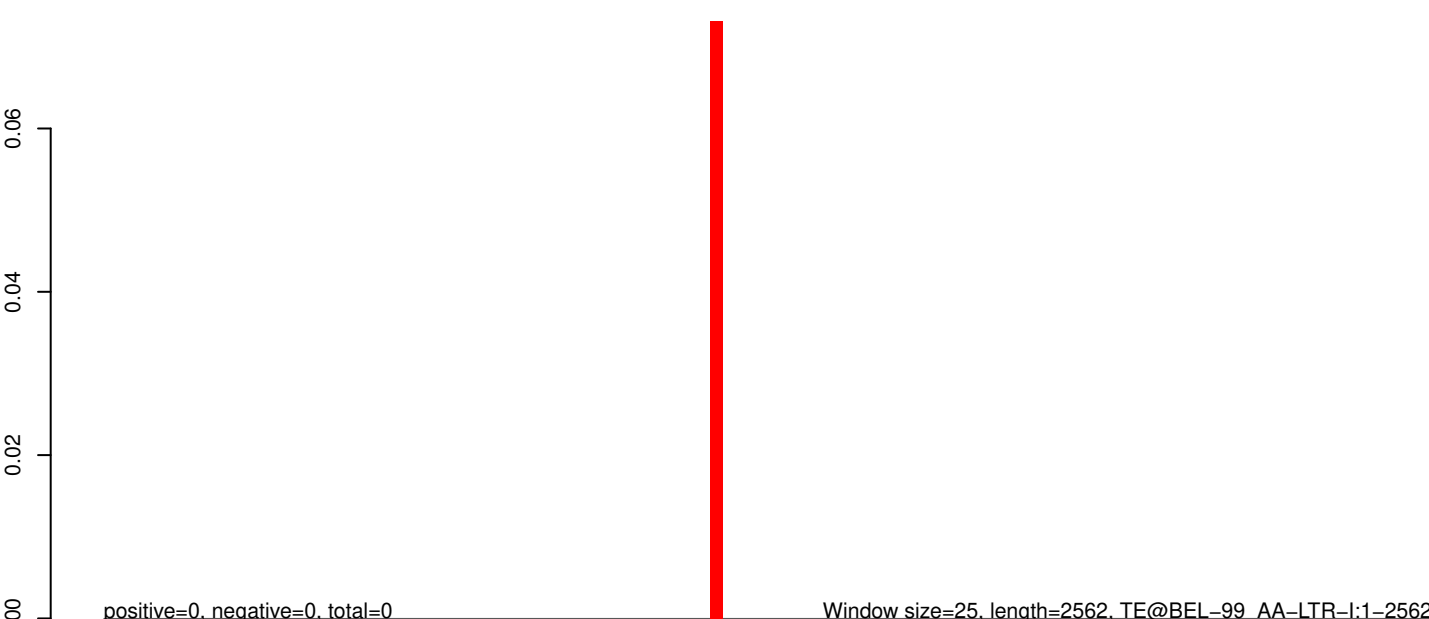
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AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep

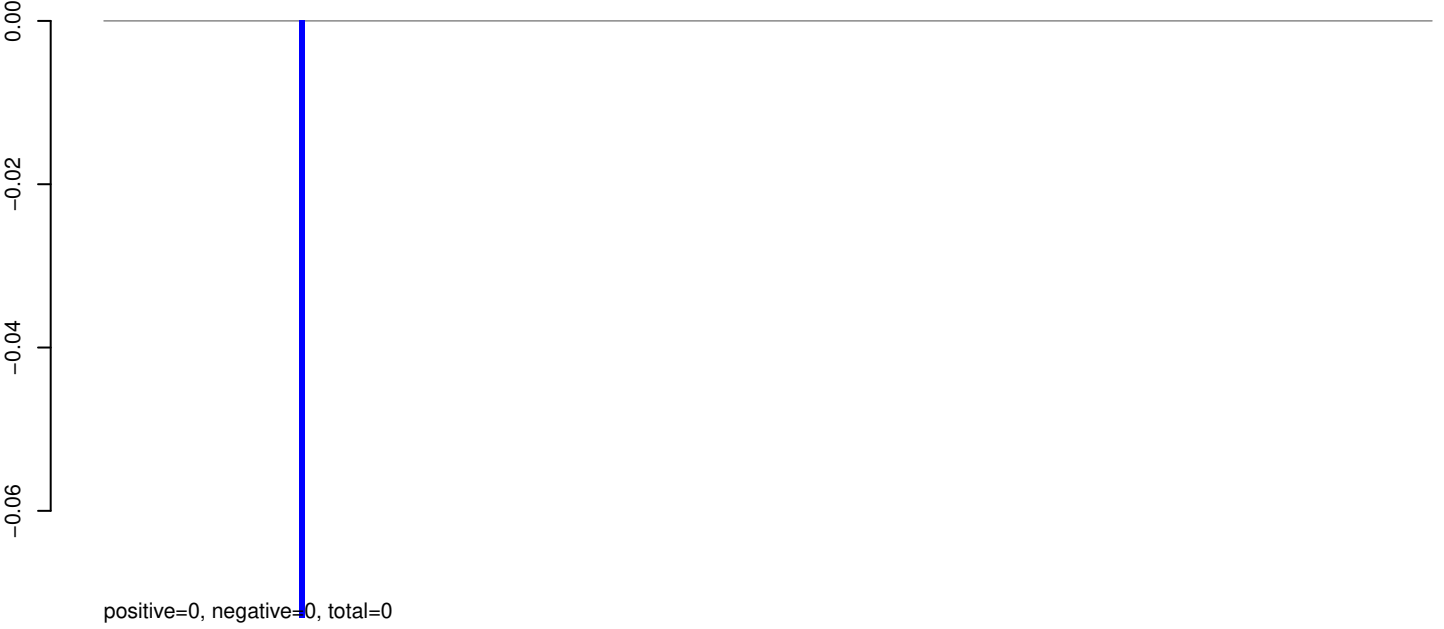


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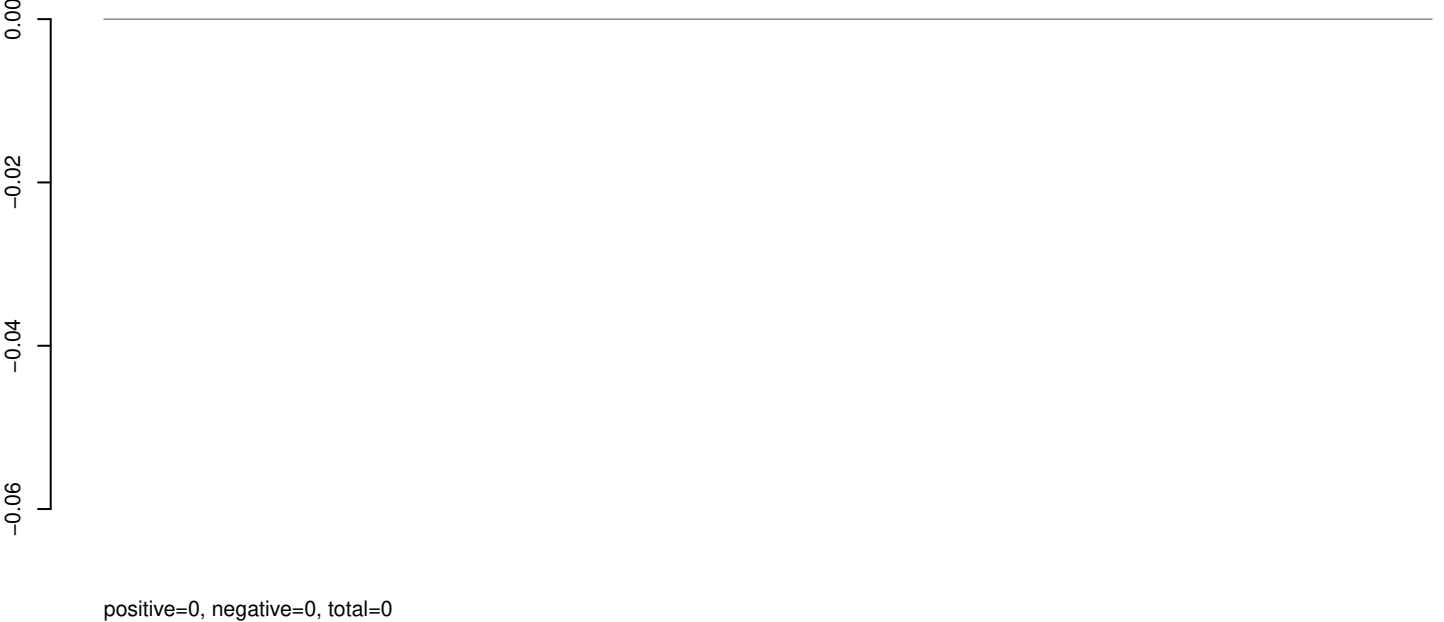




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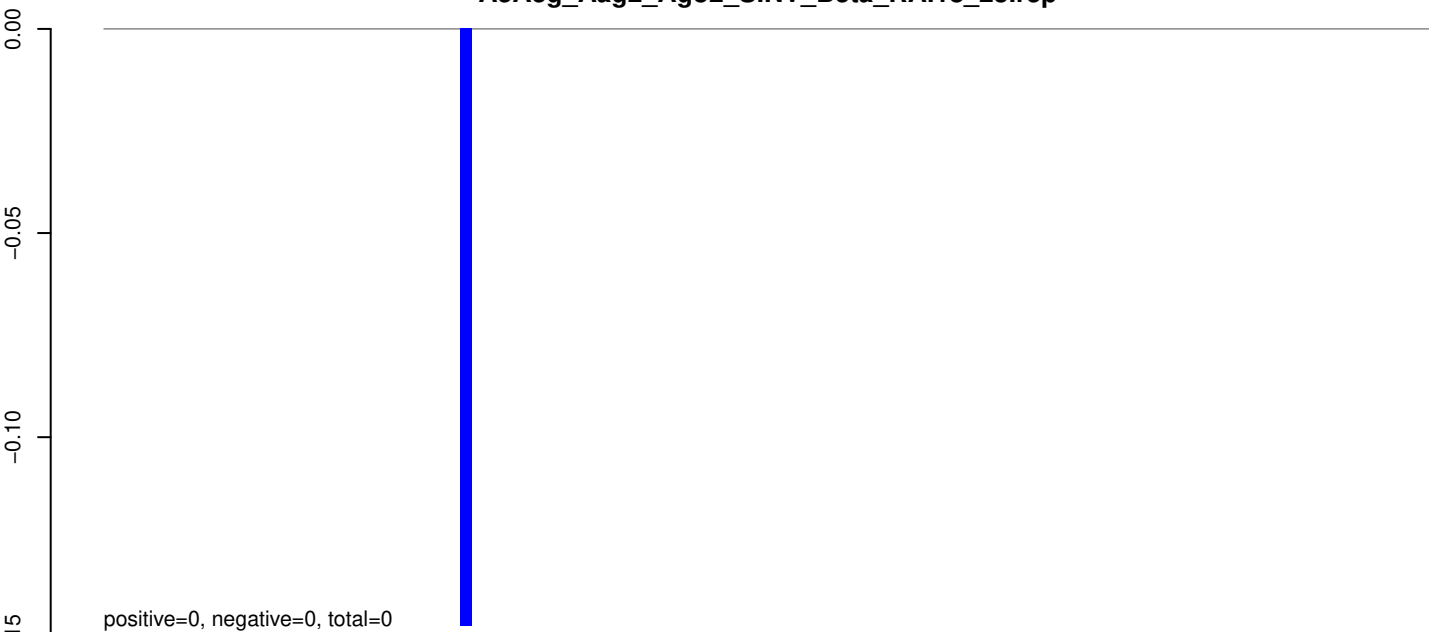
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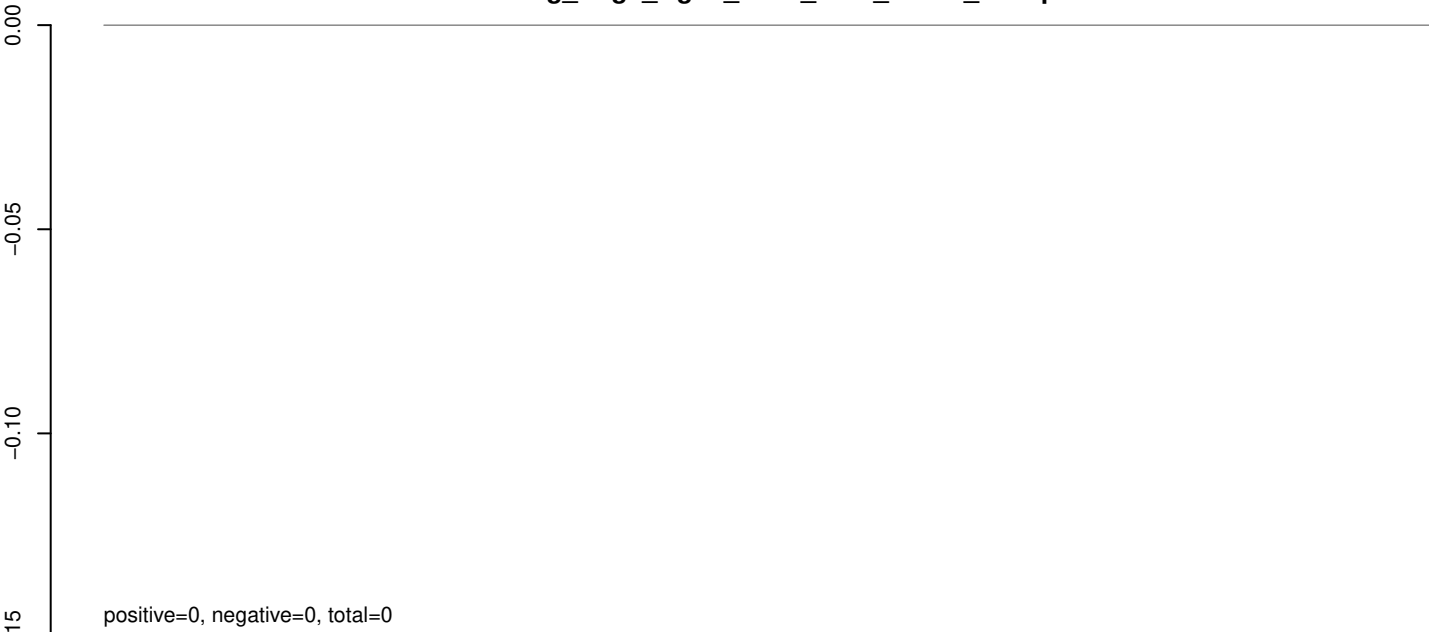
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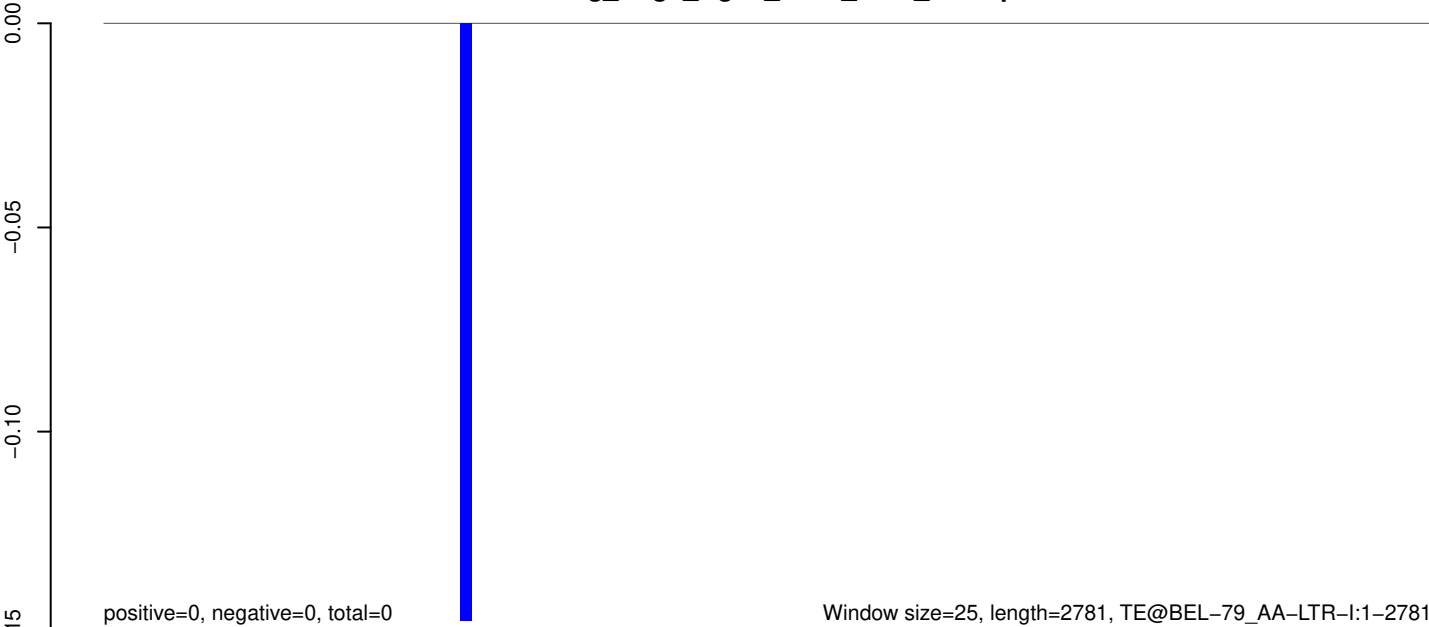
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

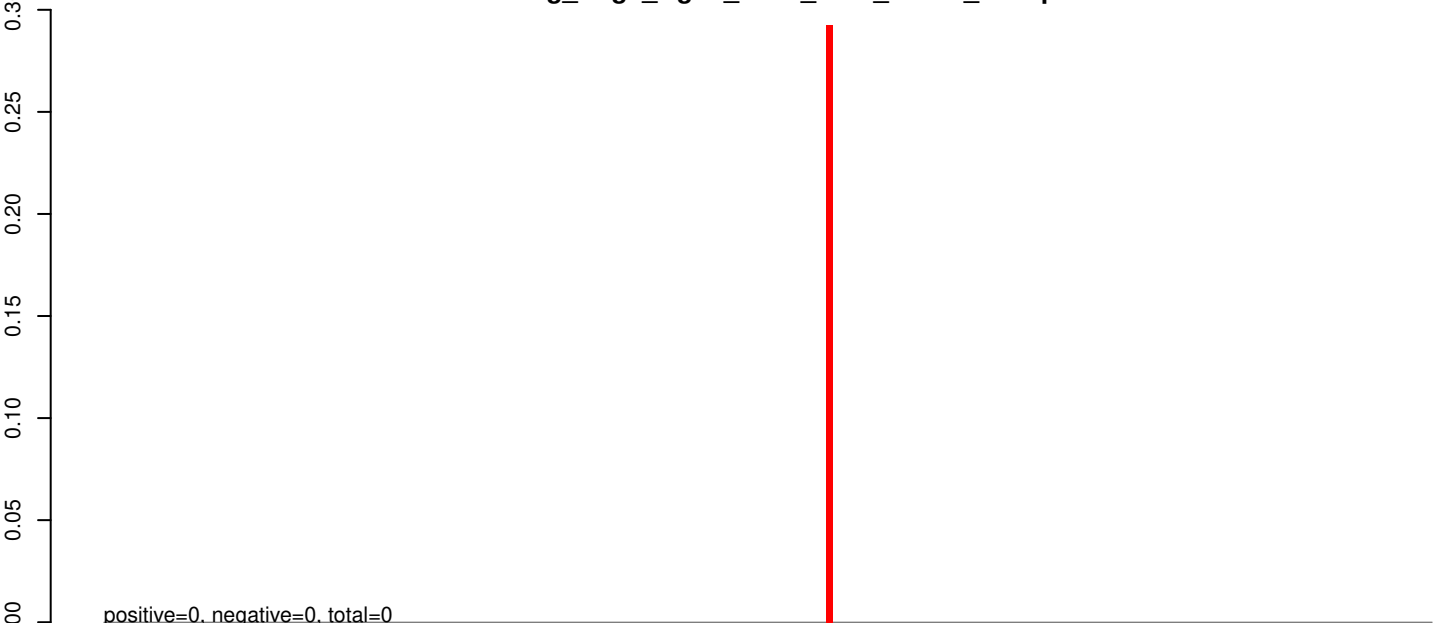


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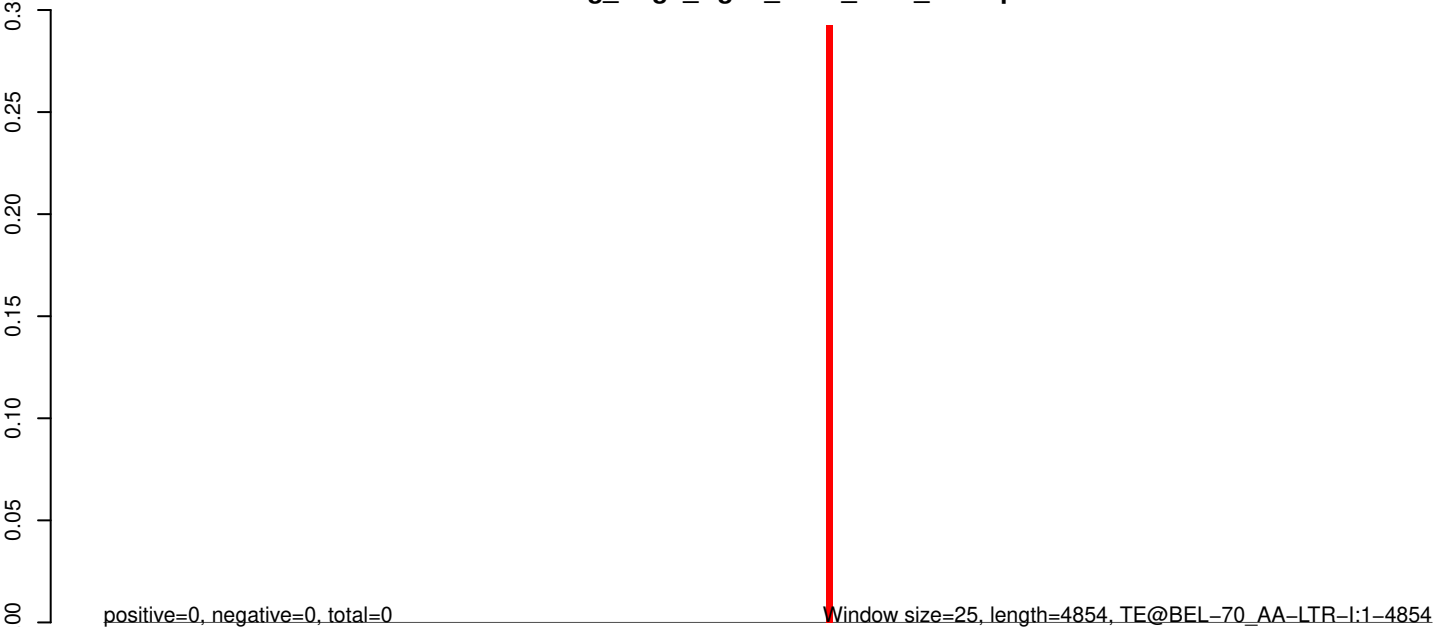
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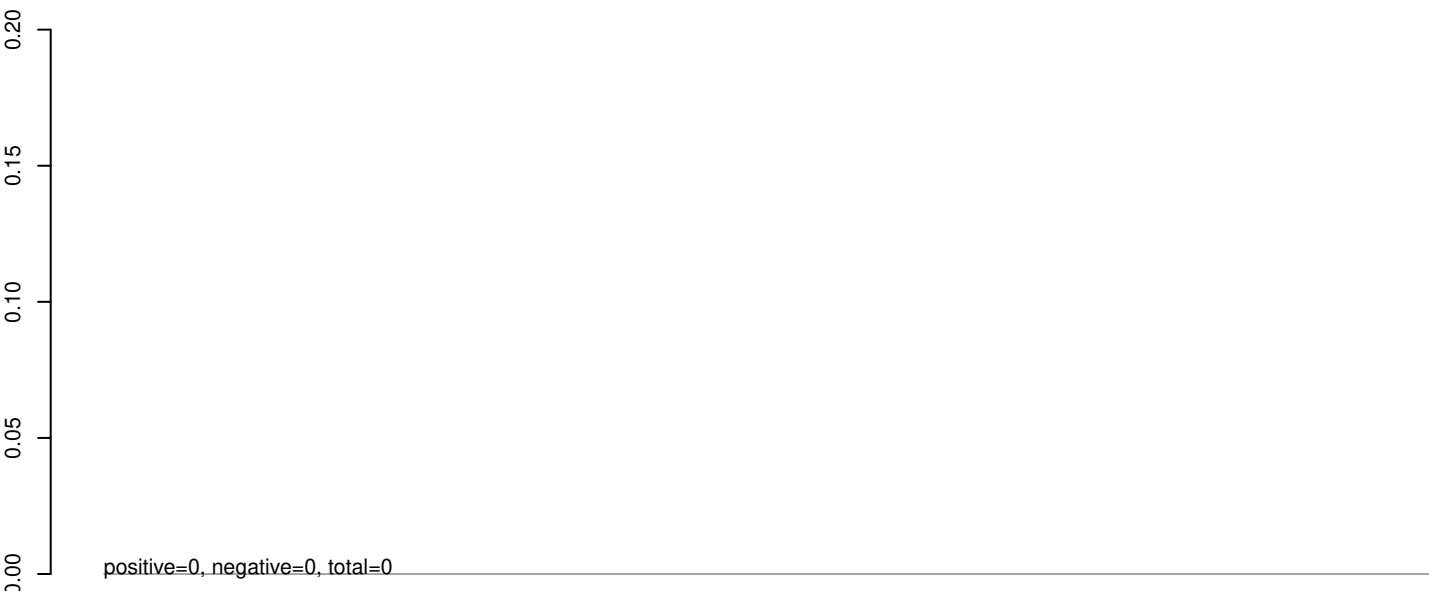
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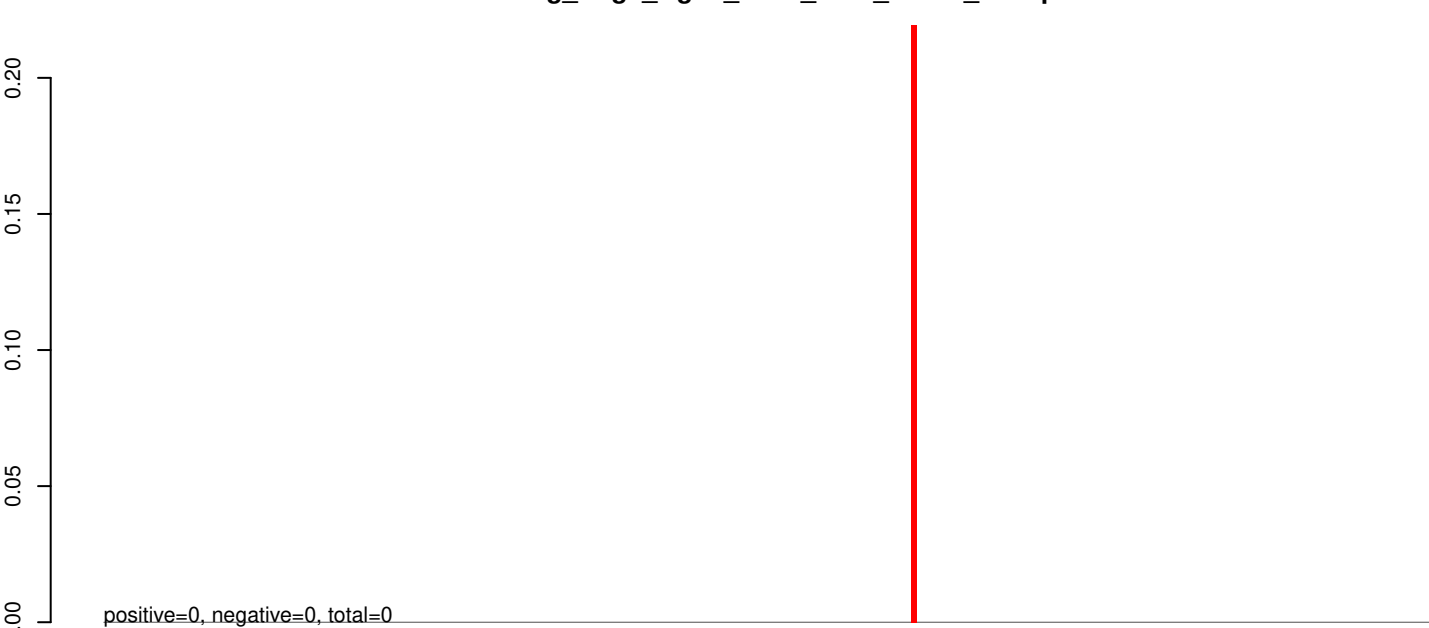
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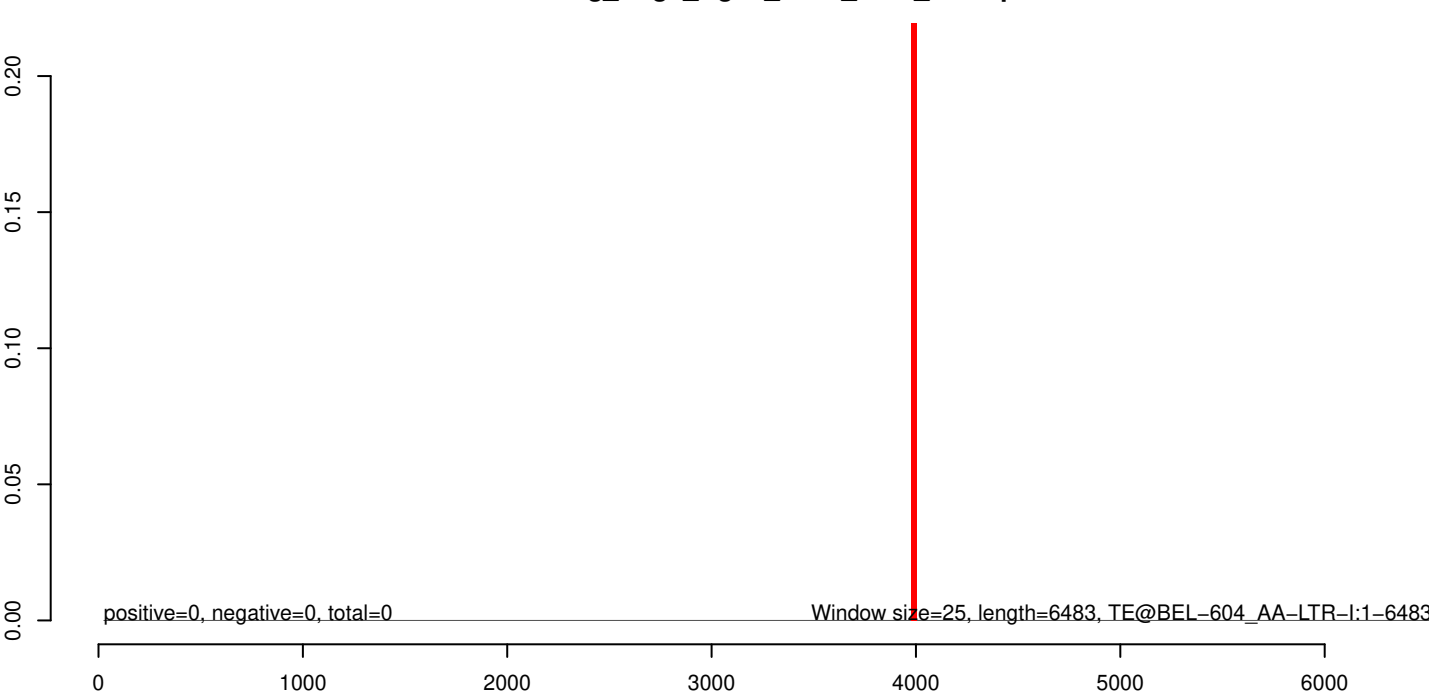
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



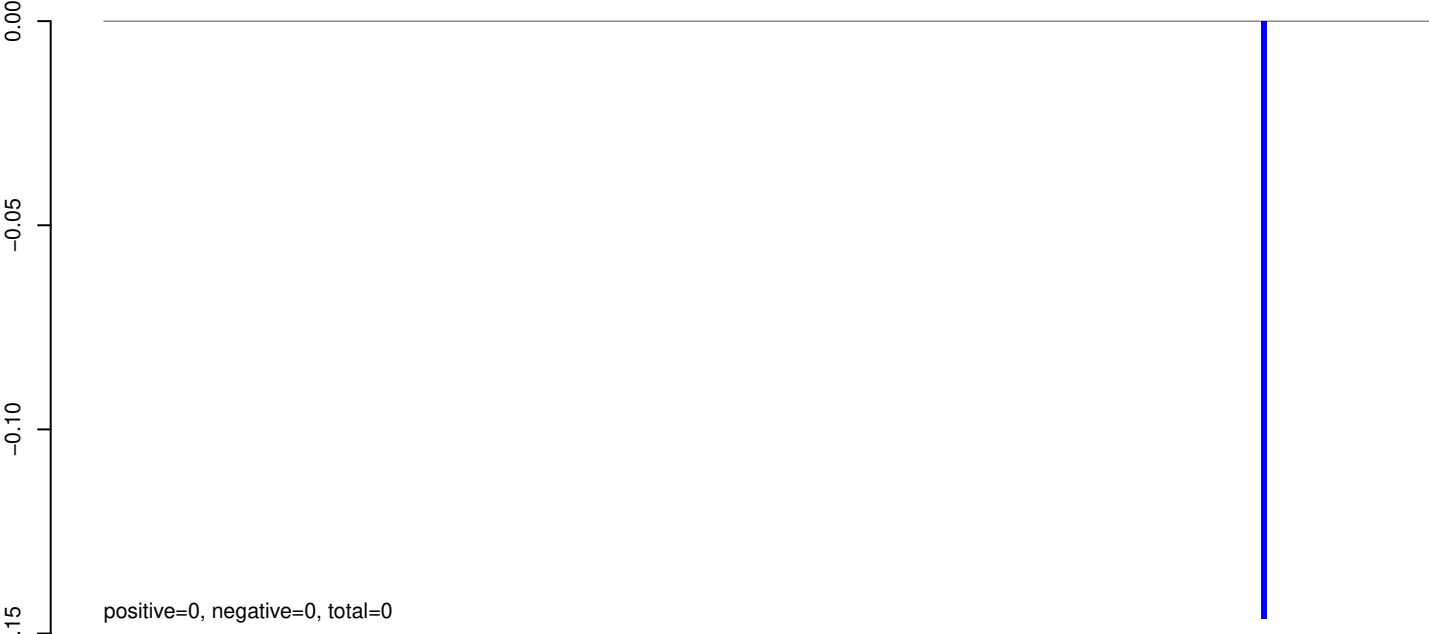
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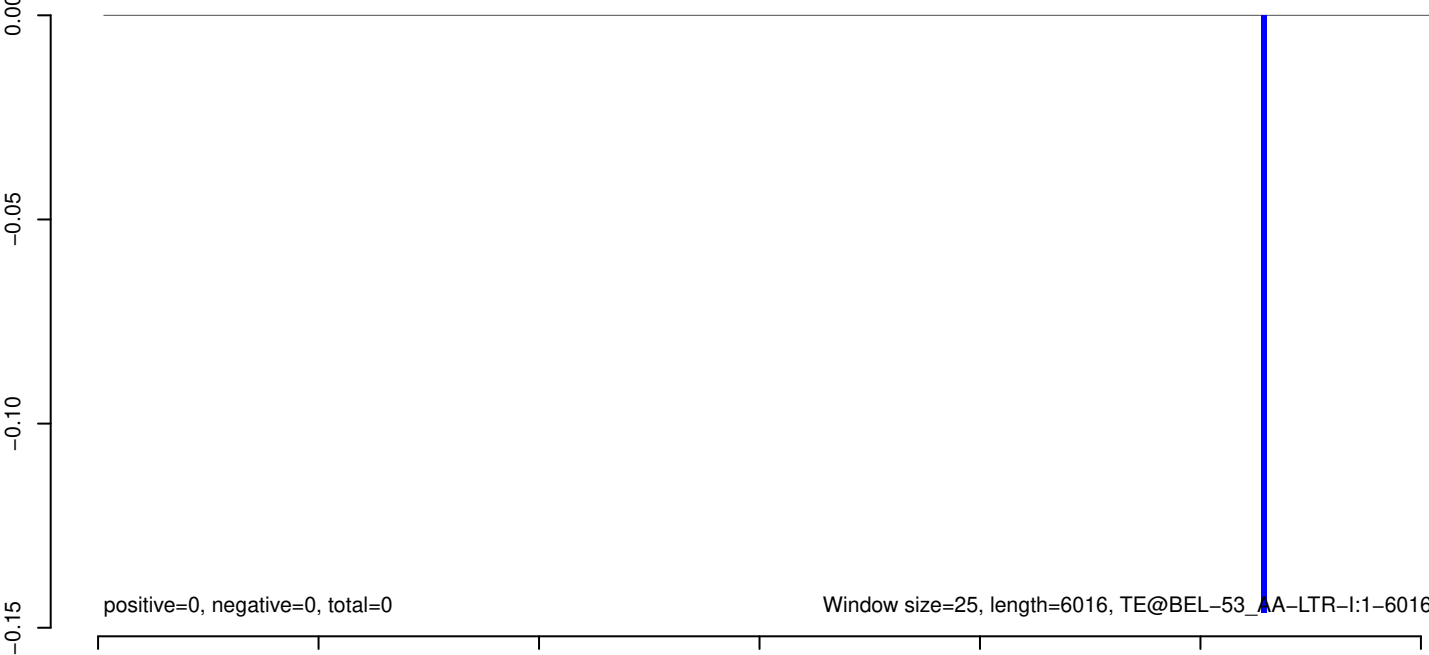
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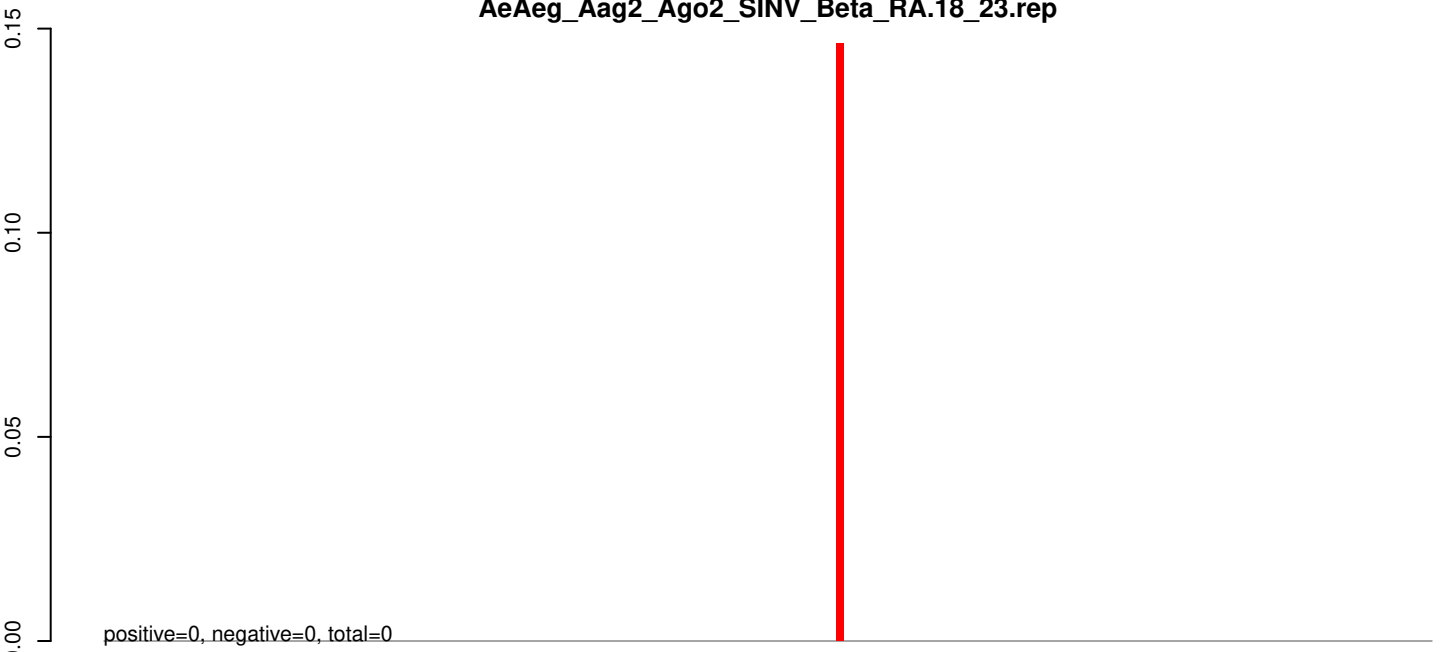
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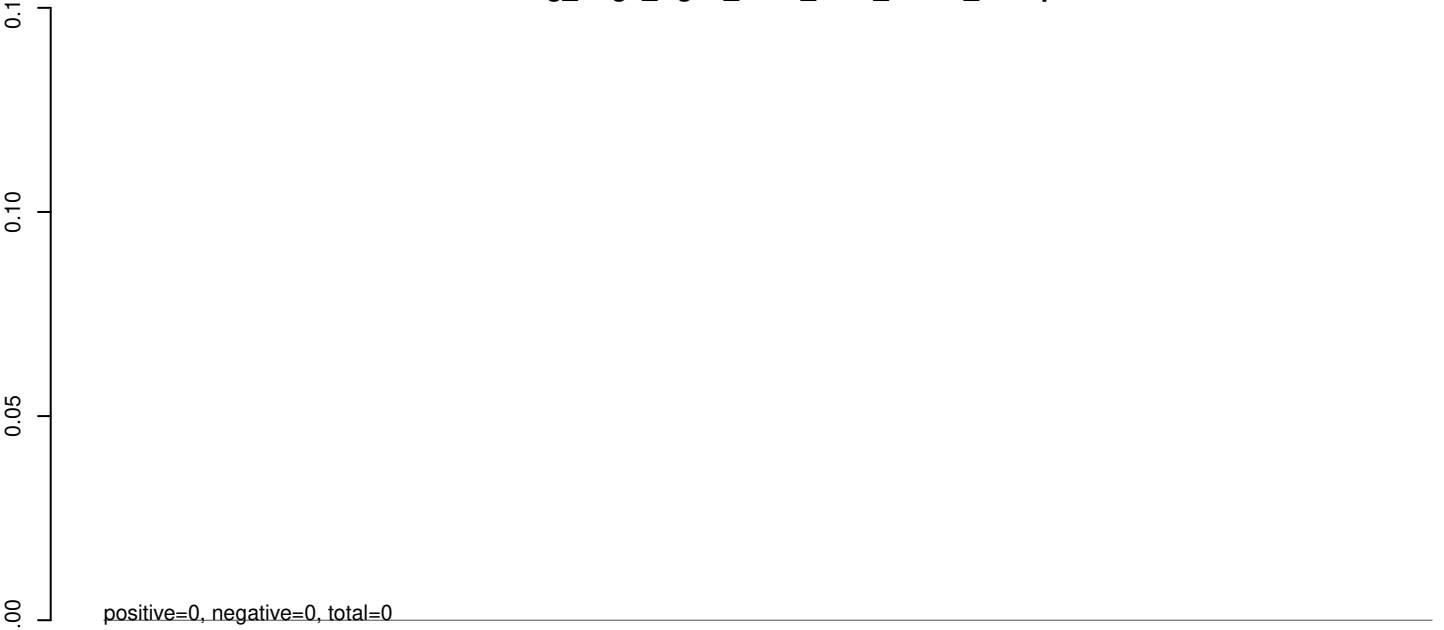
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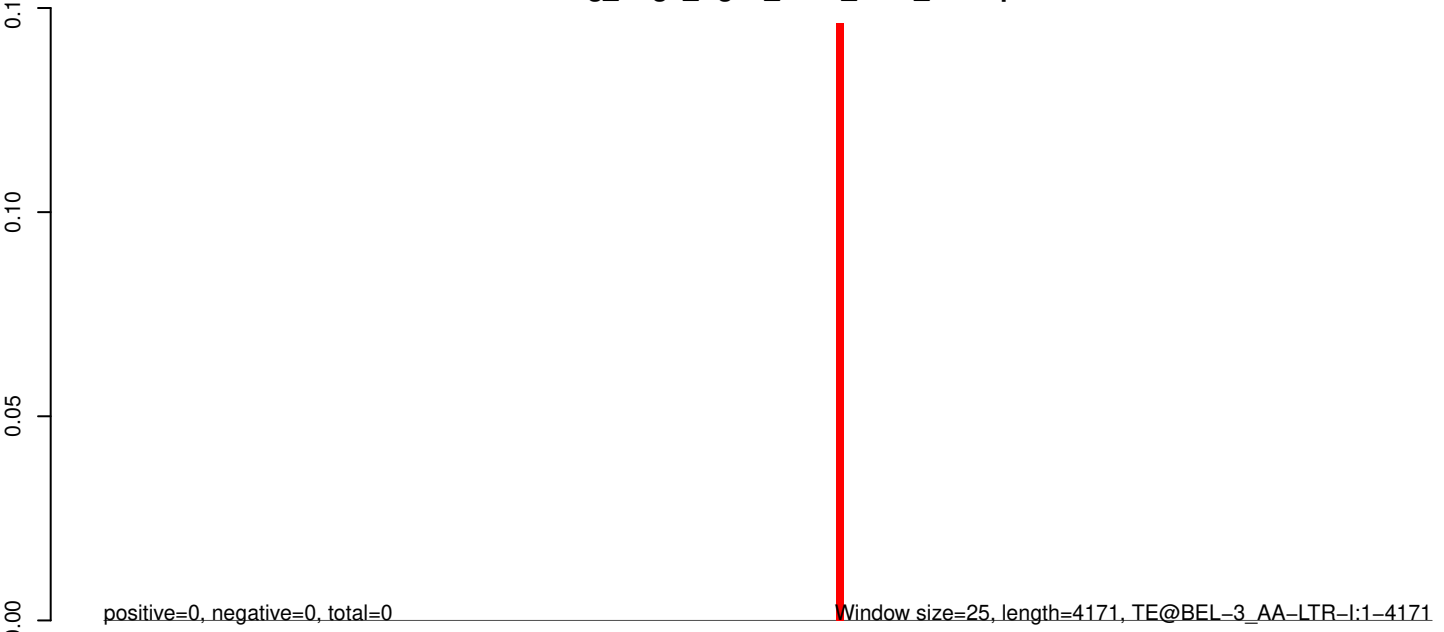
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

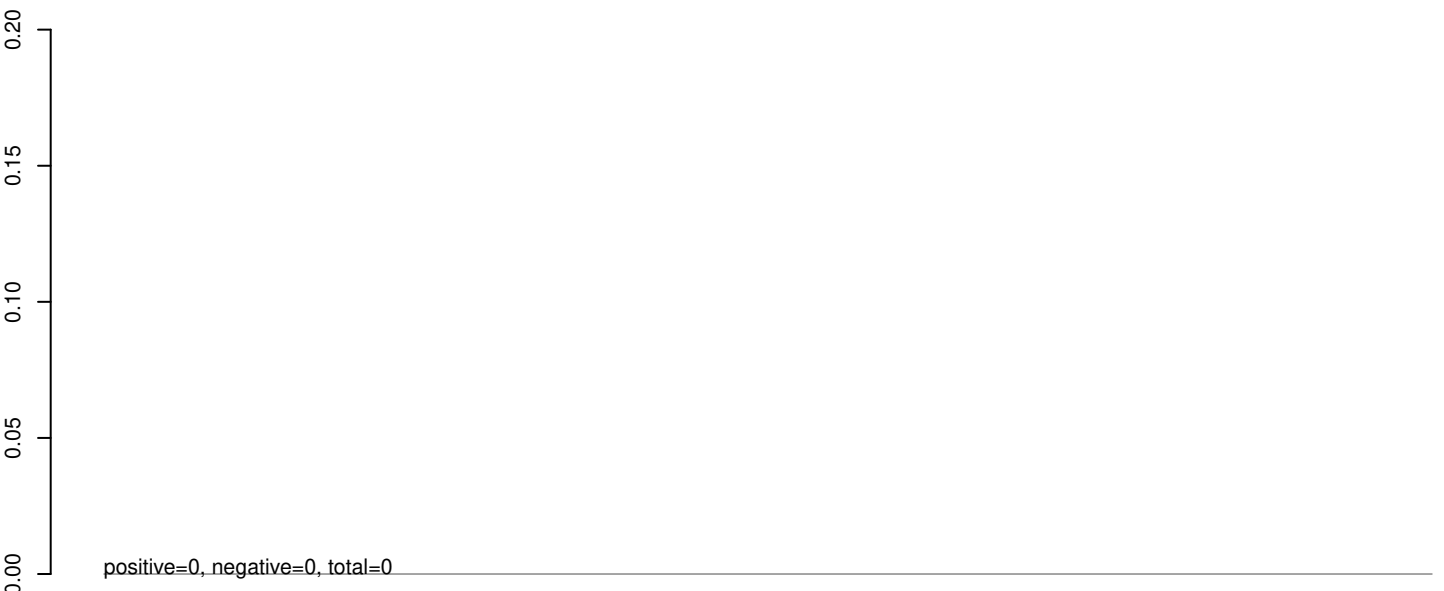


**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

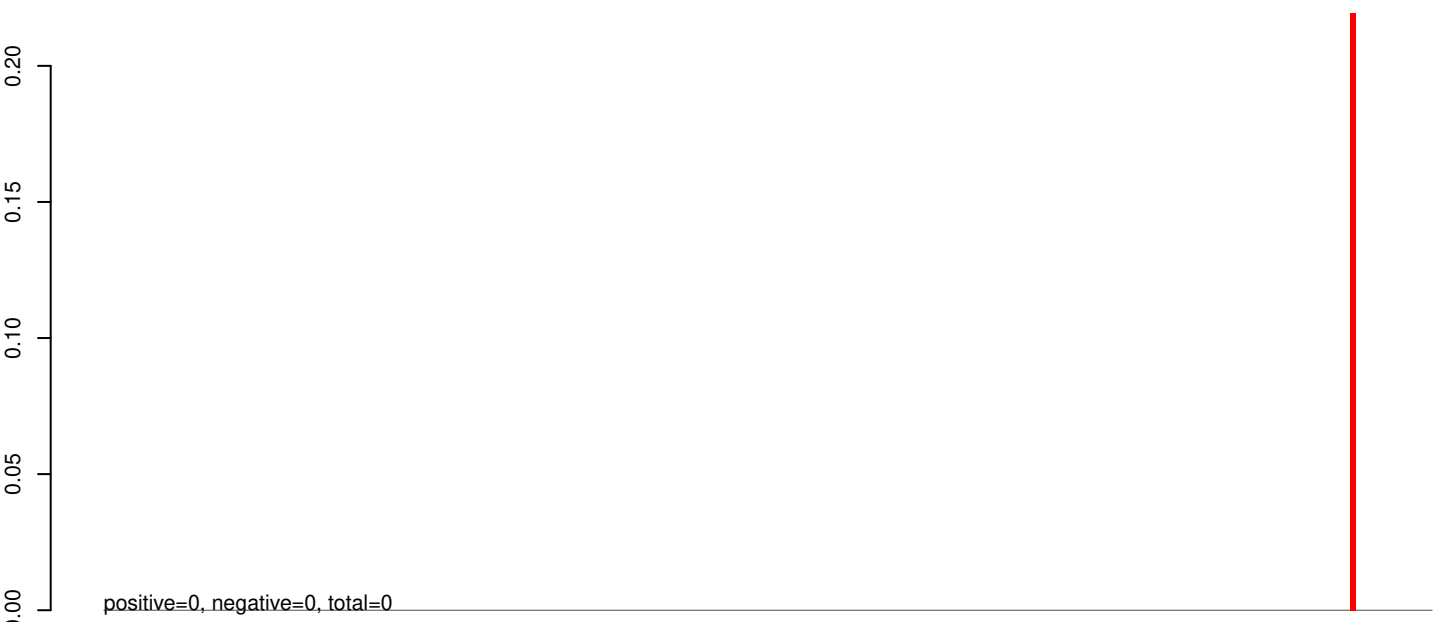


0 1000 2000 3000 4000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

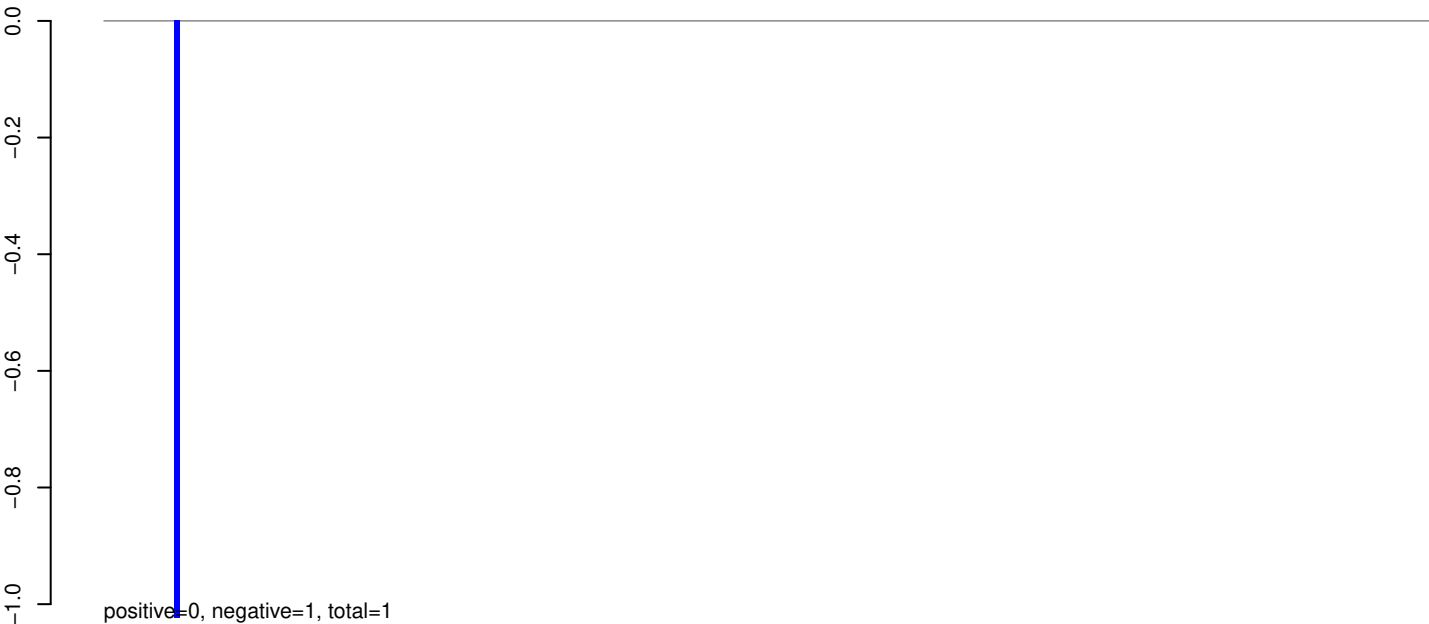


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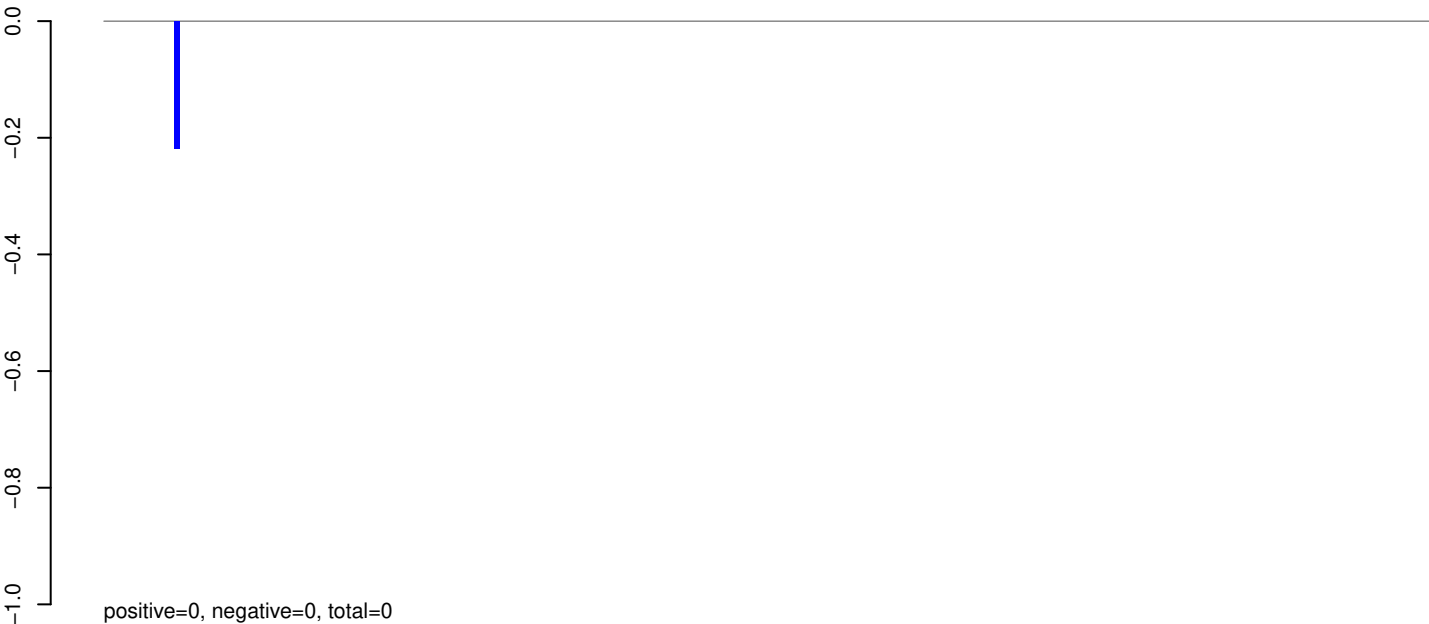


0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



Window size=25, length=6121, TE@BEL-273\_AA-LTR-I:1-6121

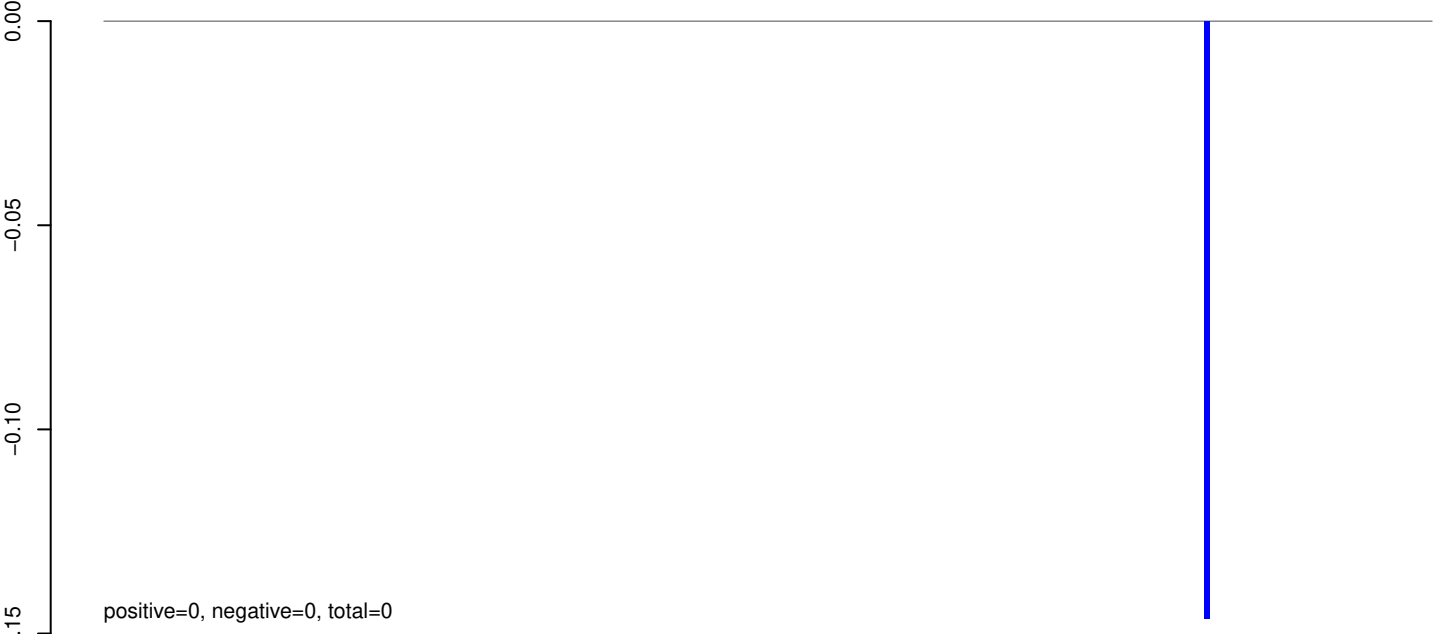
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



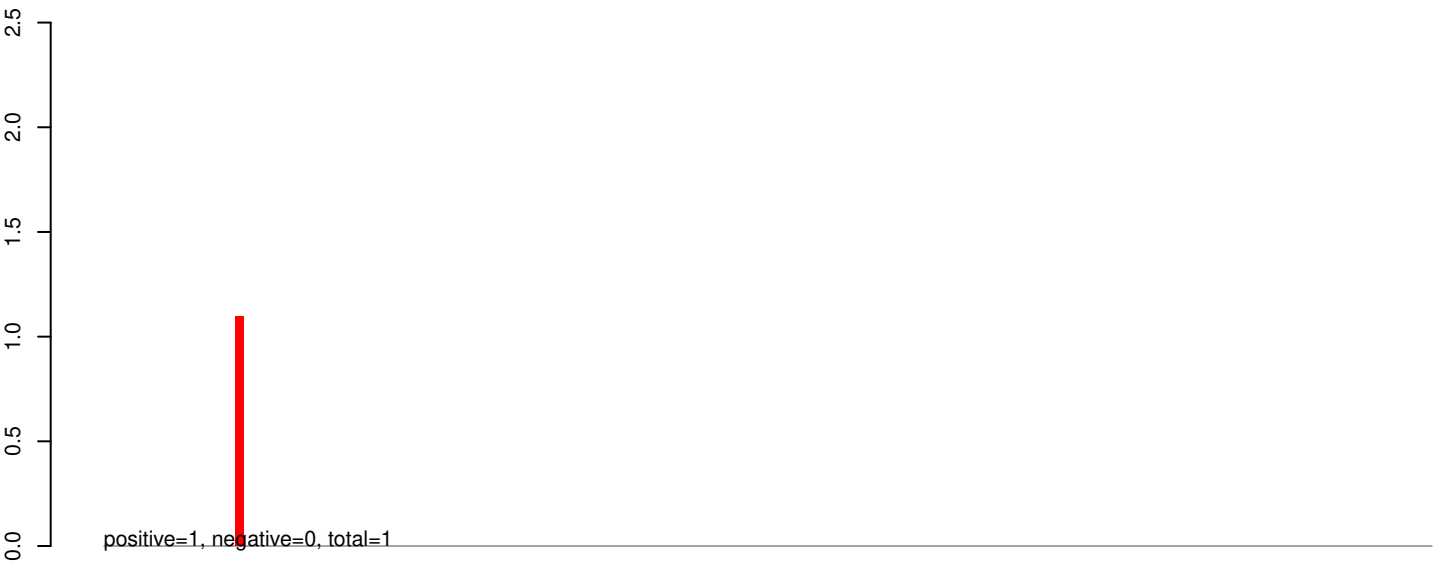
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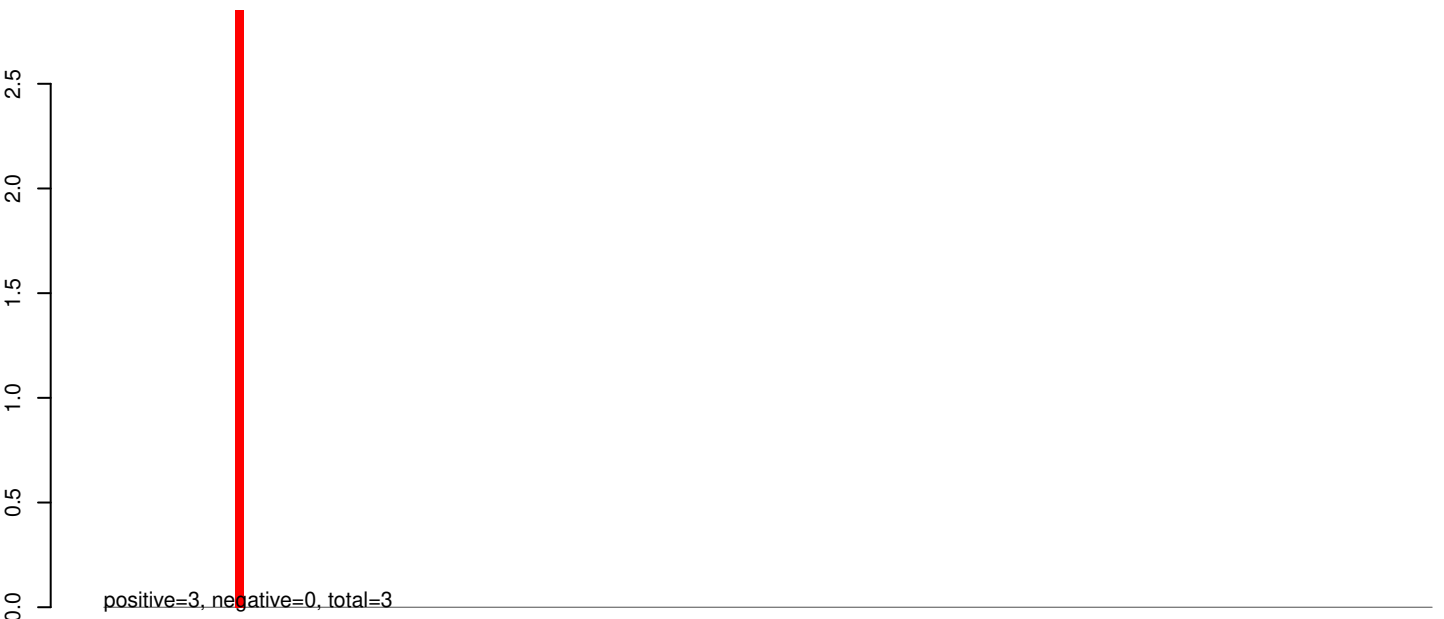
**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



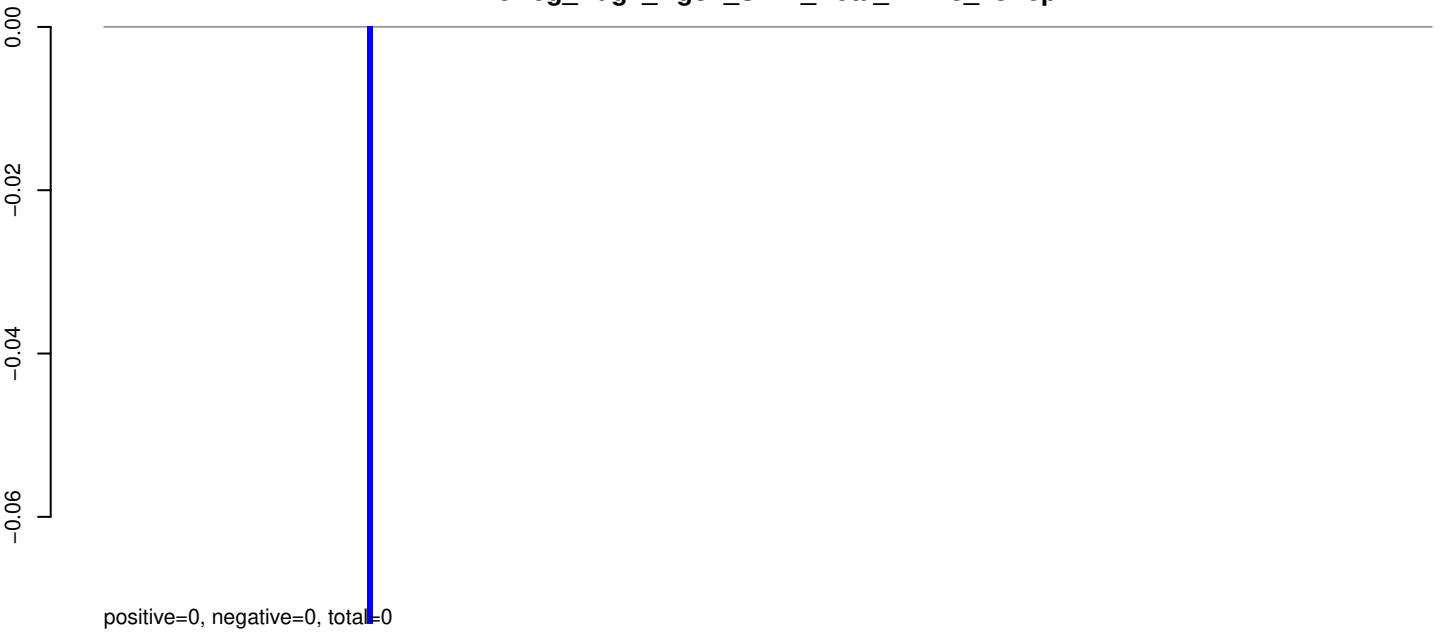
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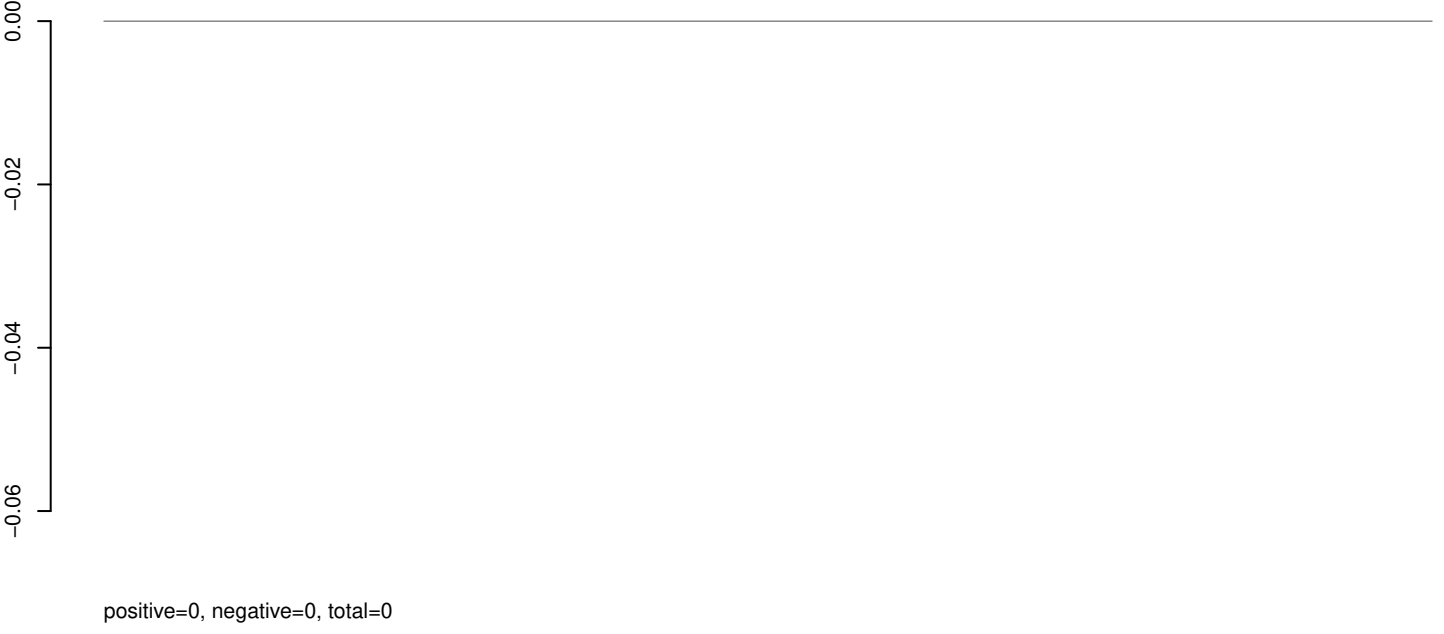
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



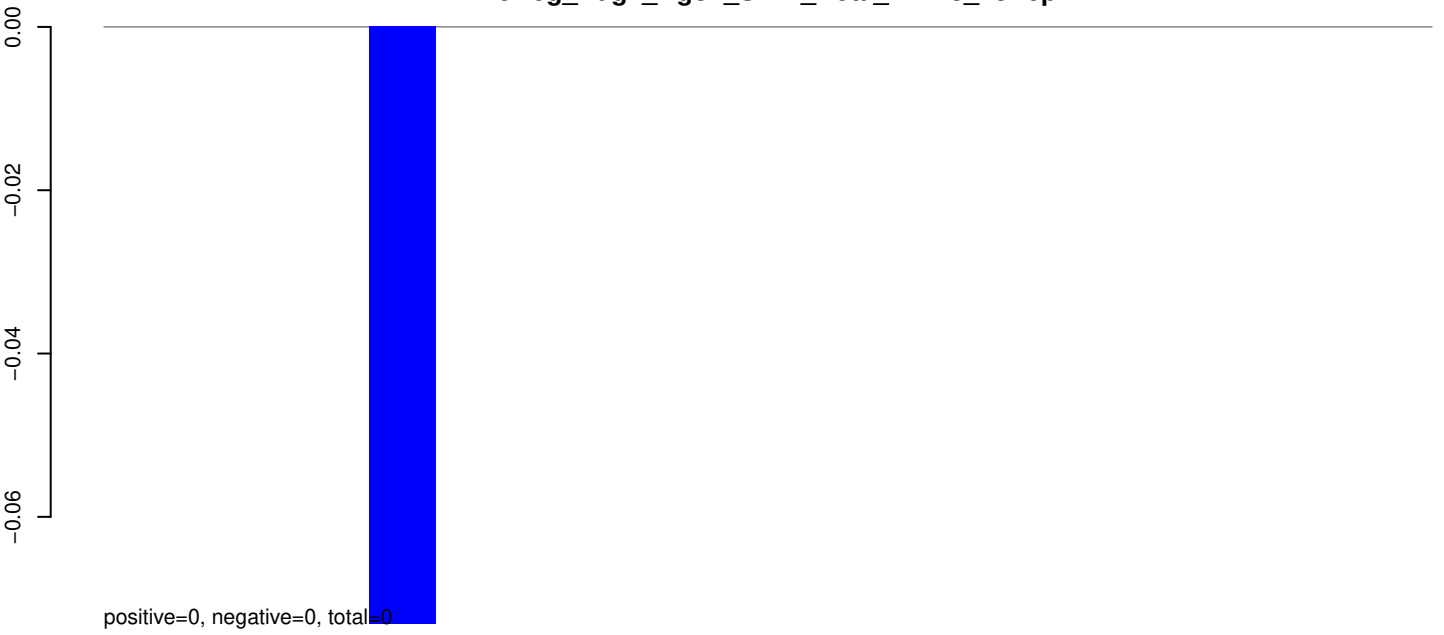
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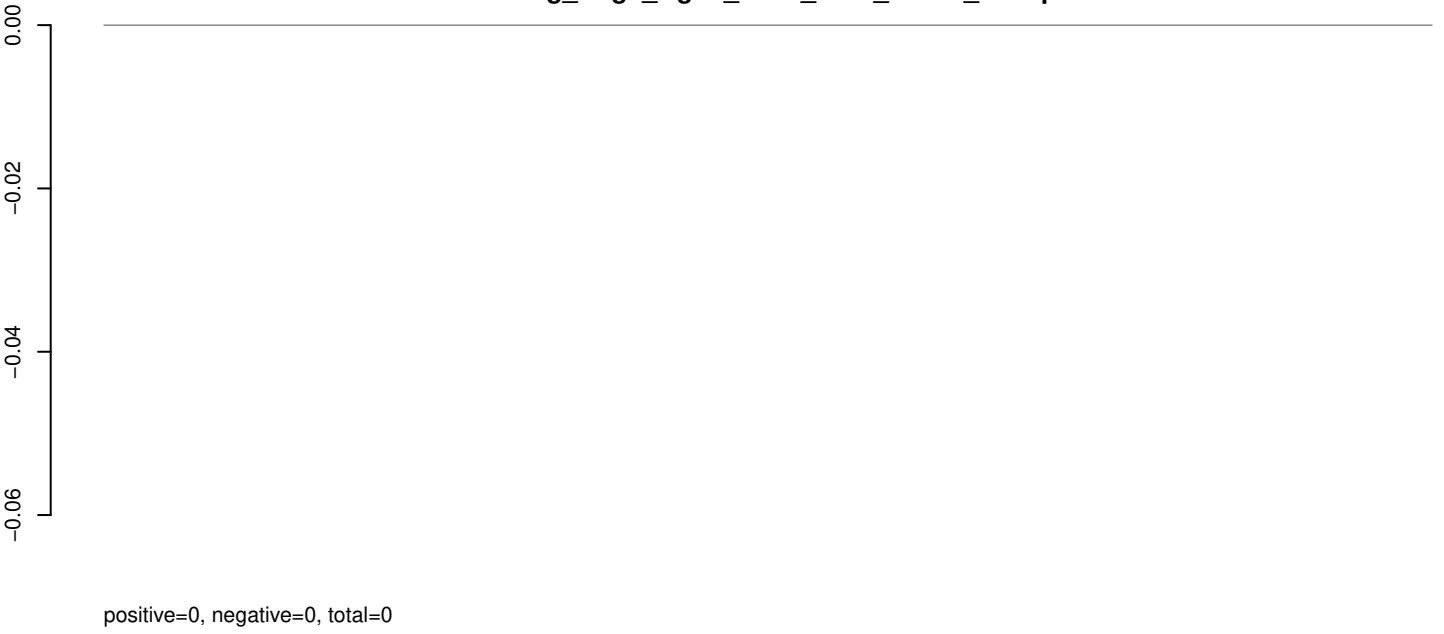
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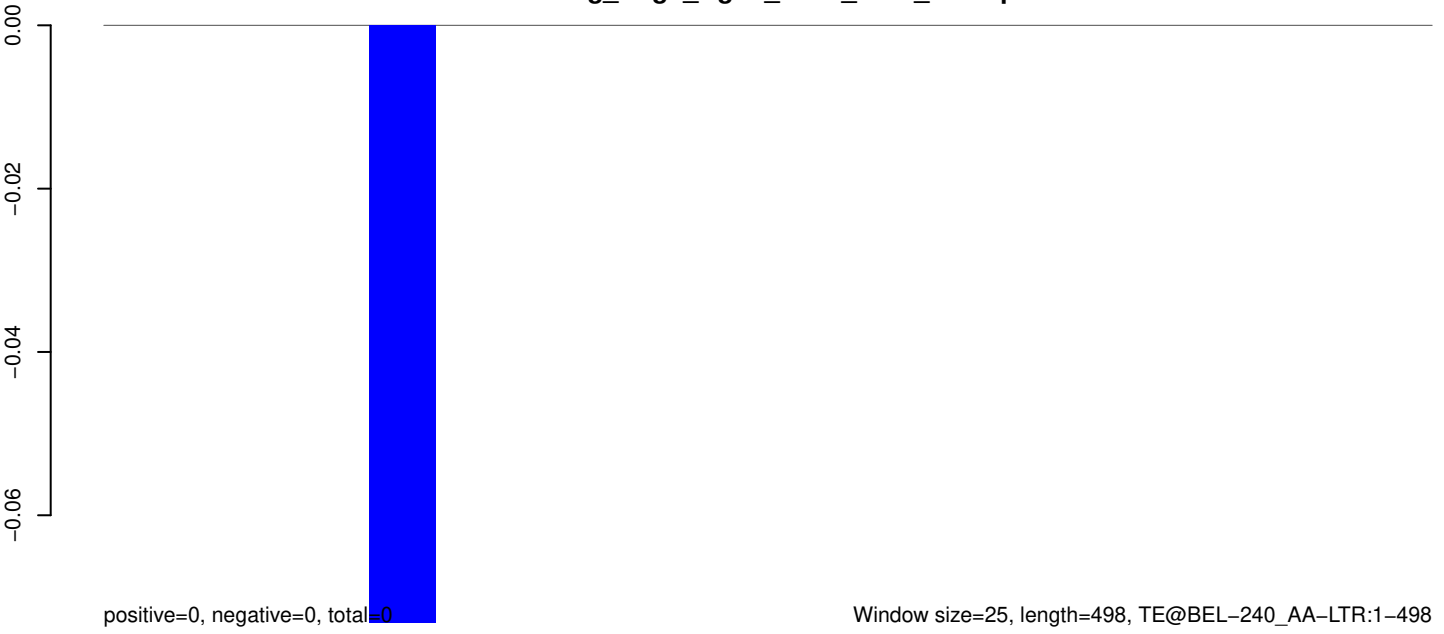
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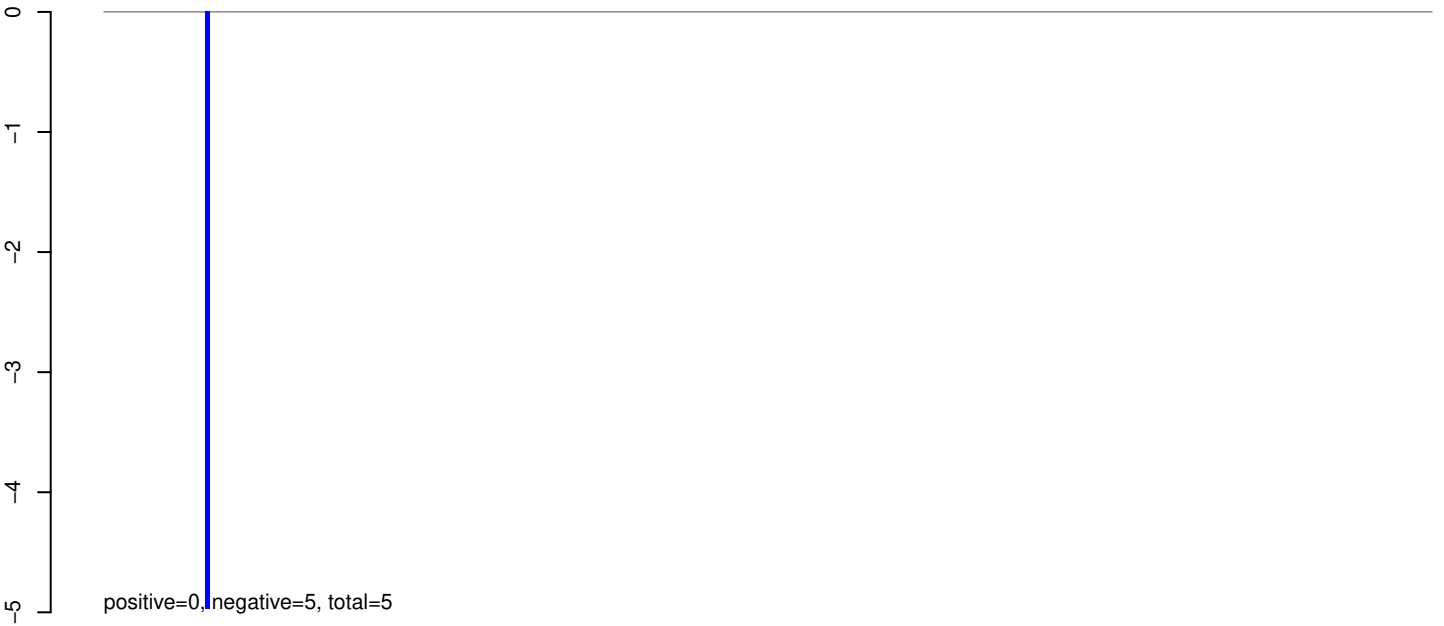
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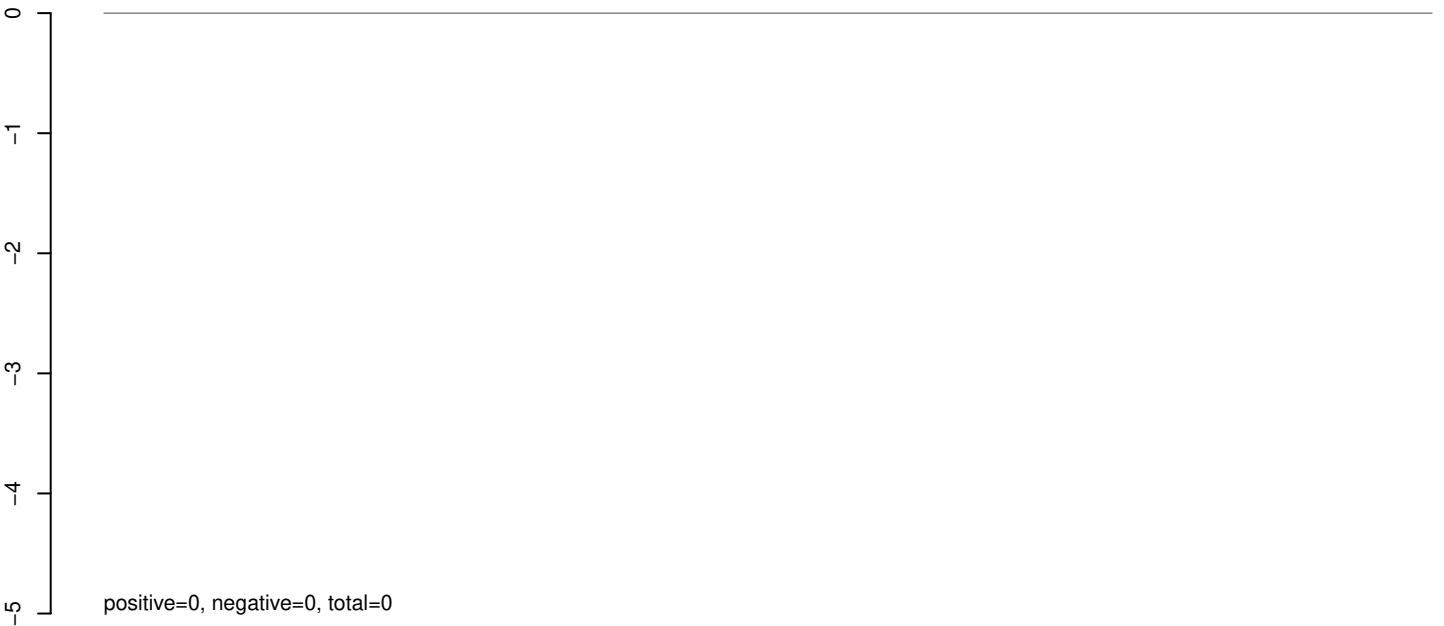
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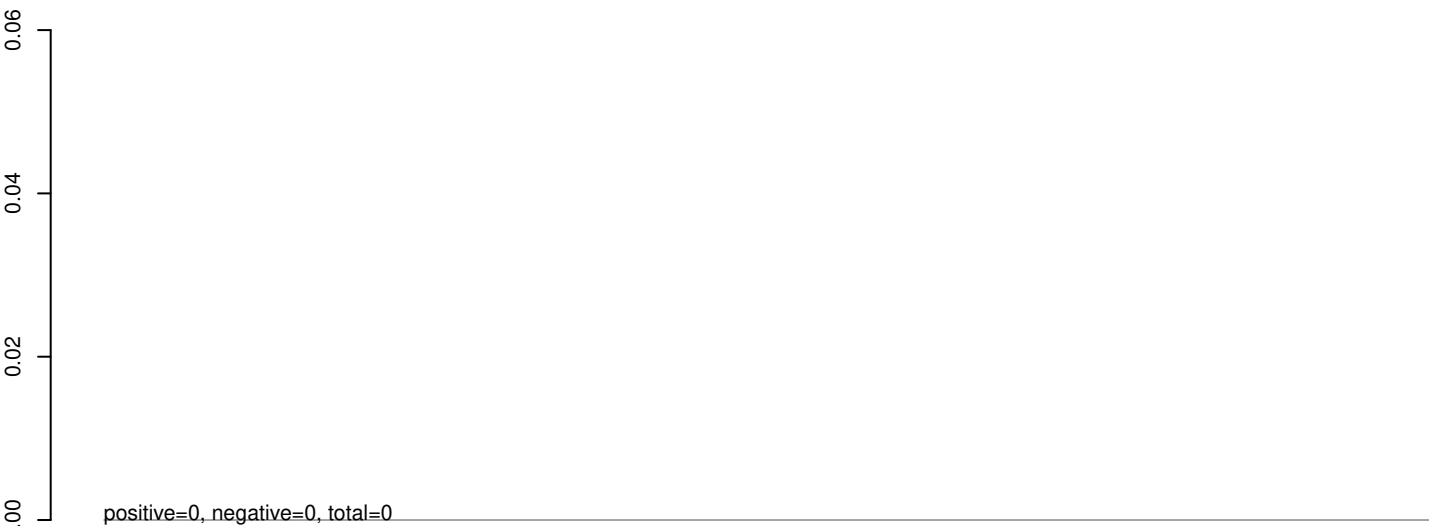
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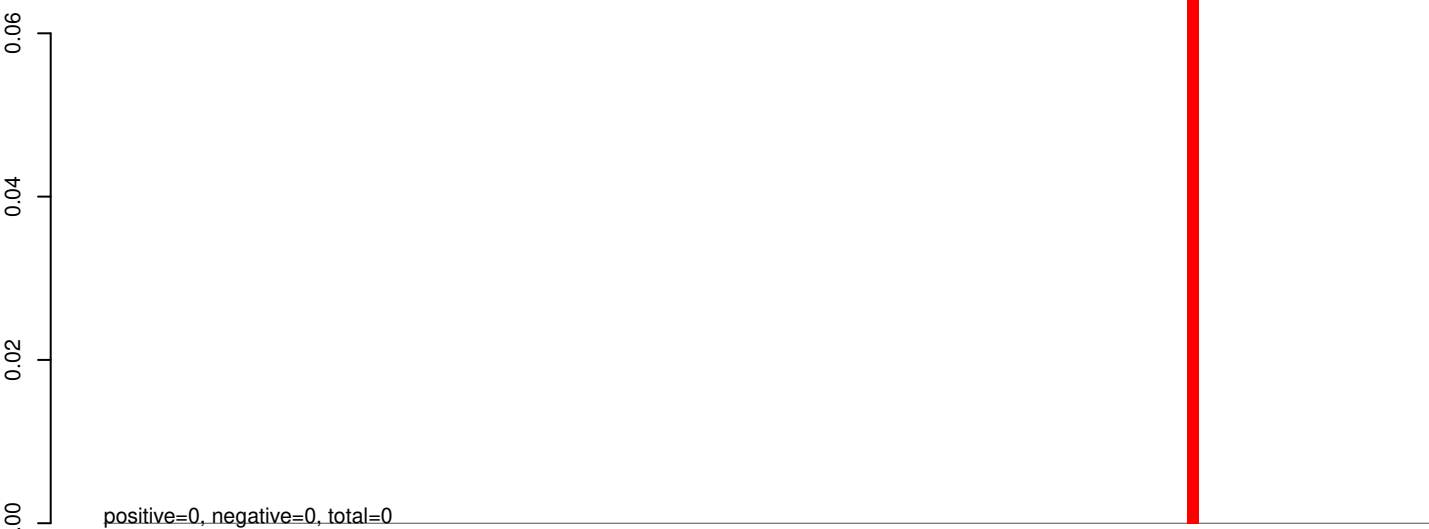
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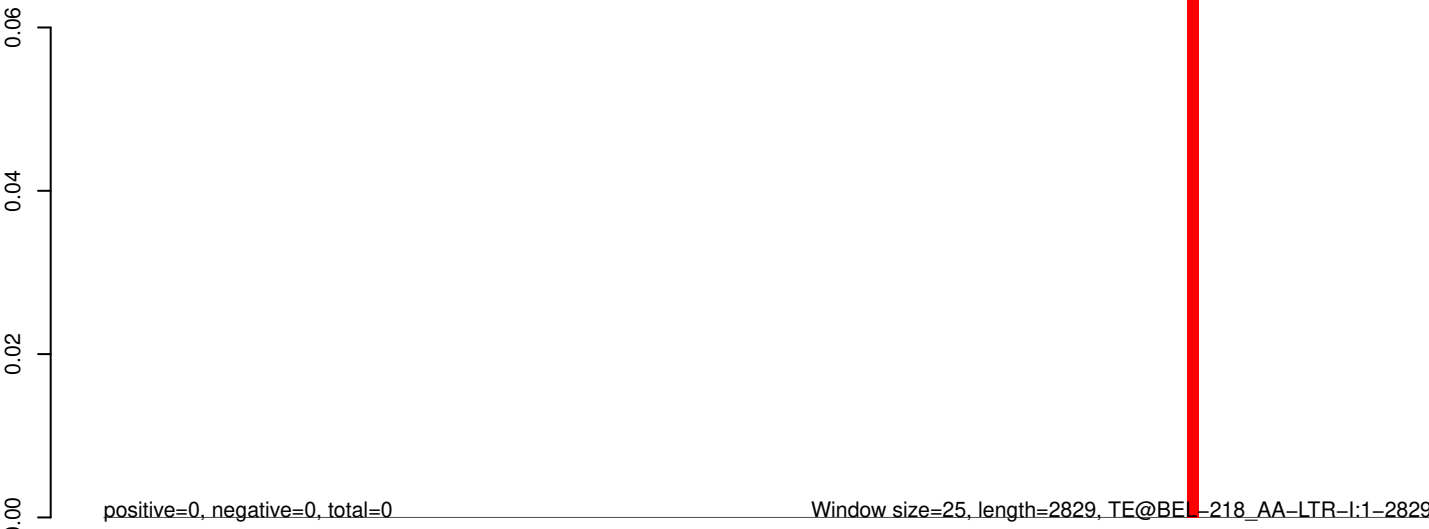
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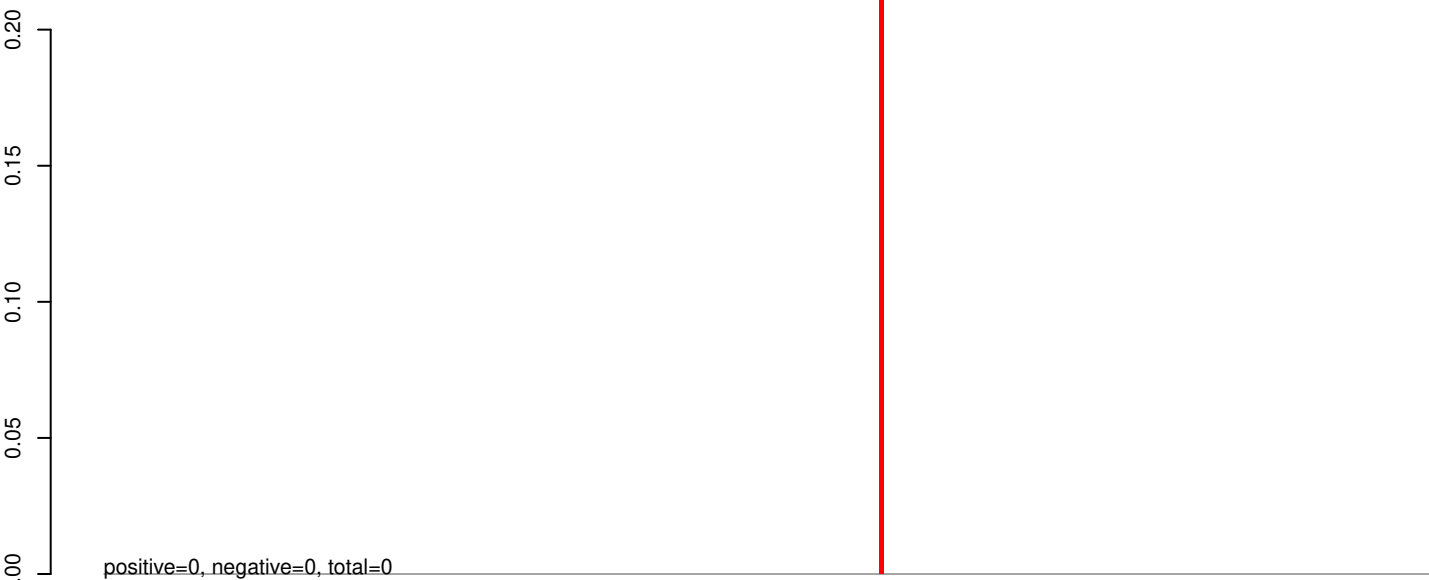
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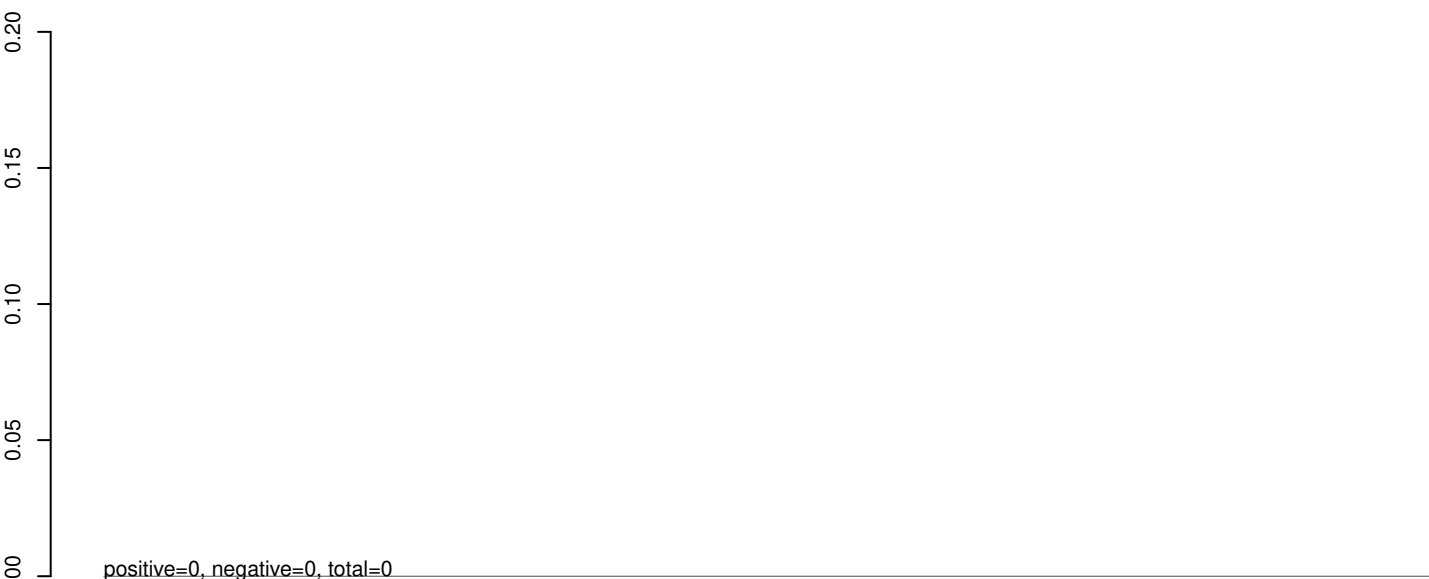
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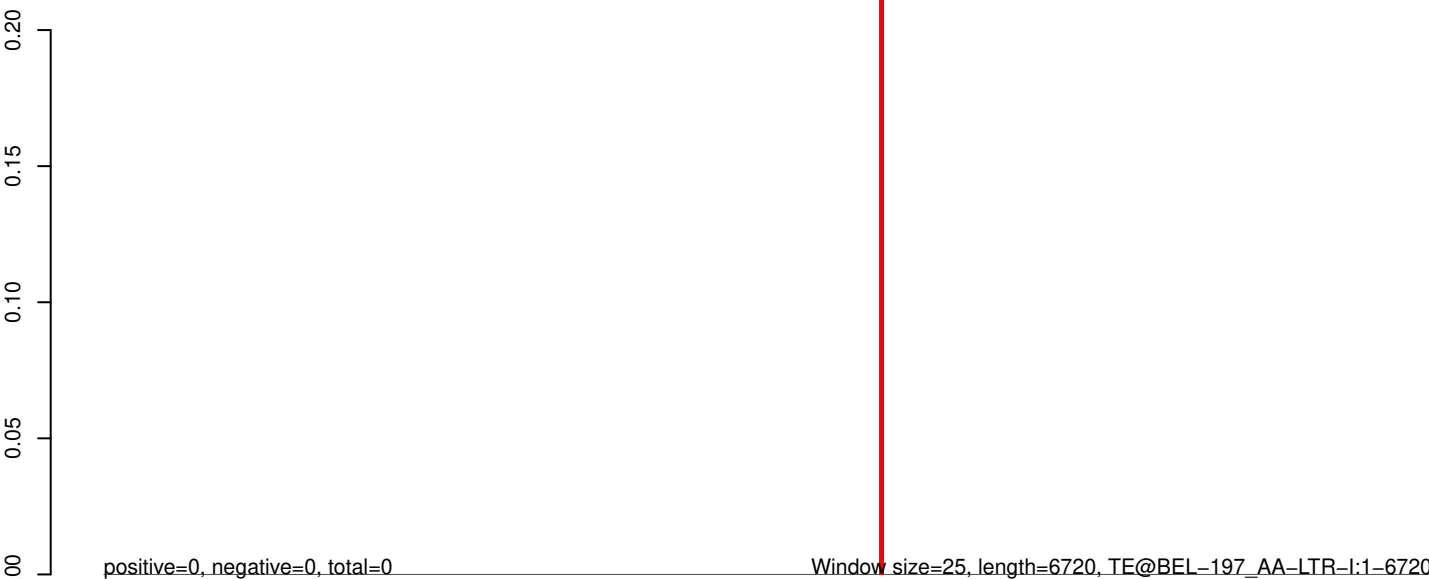
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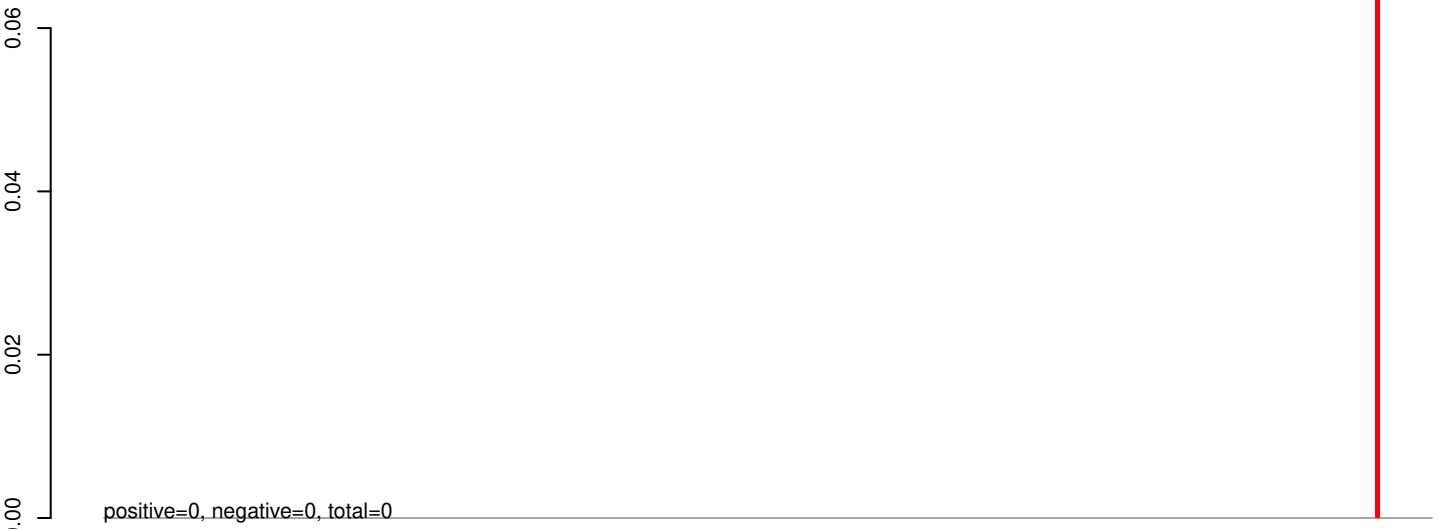


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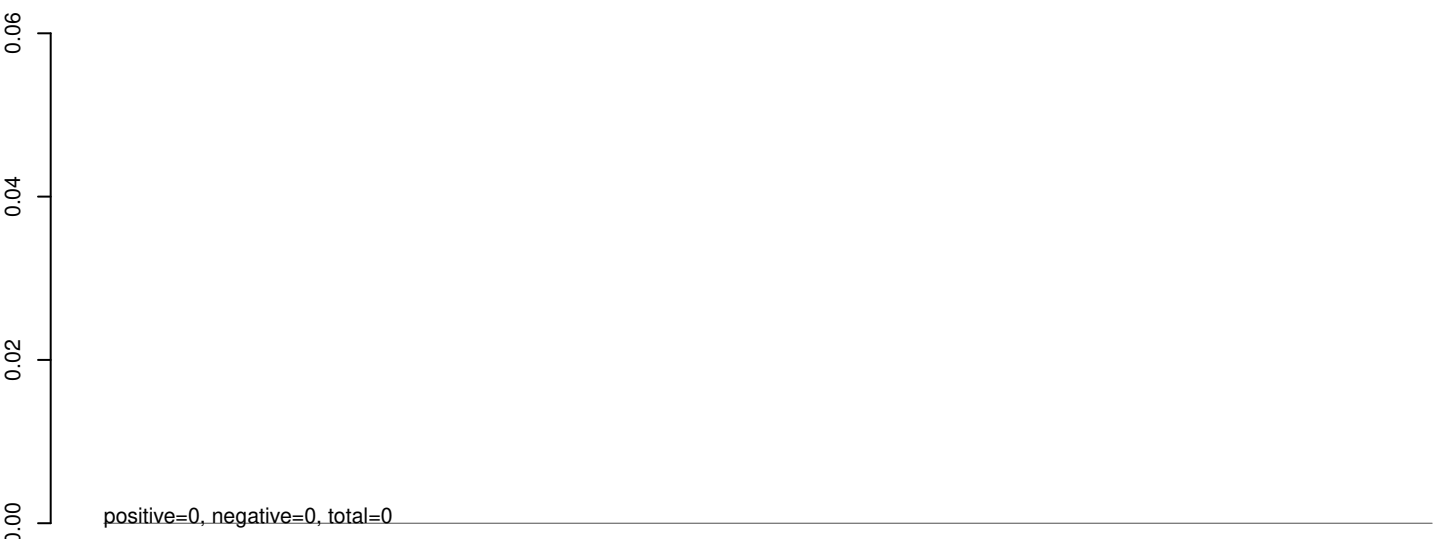


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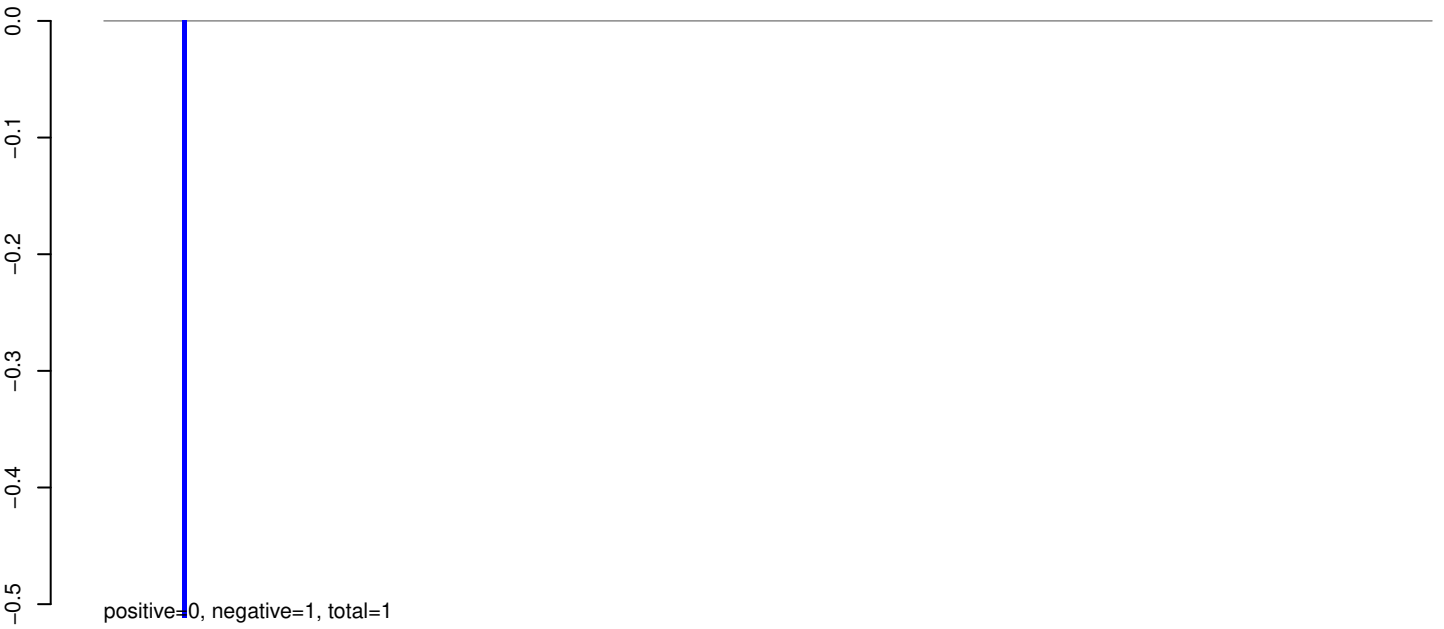
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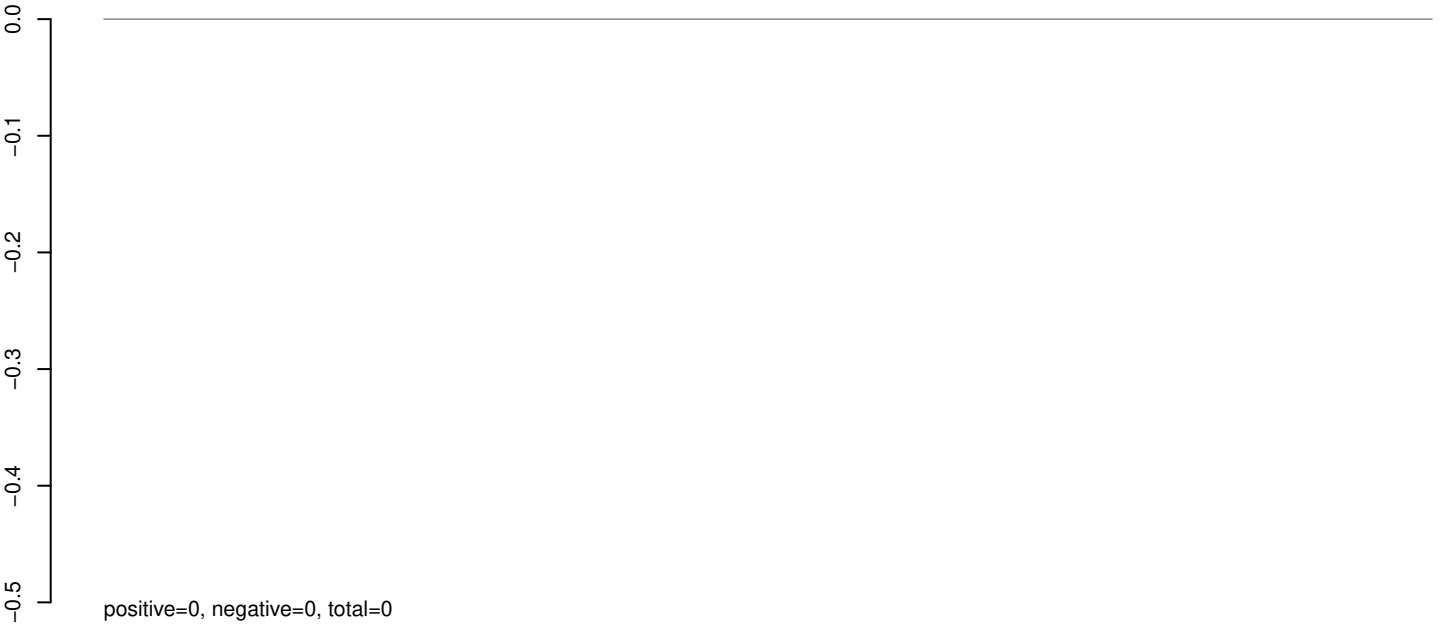
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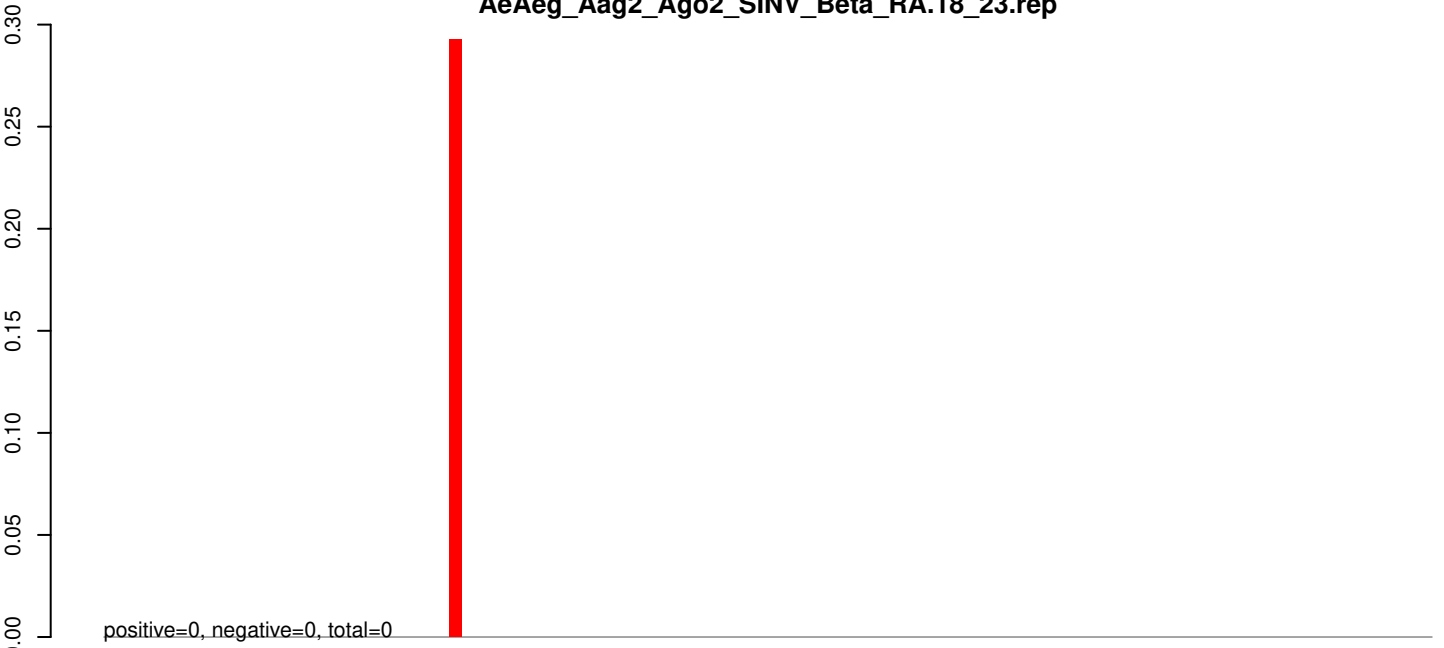
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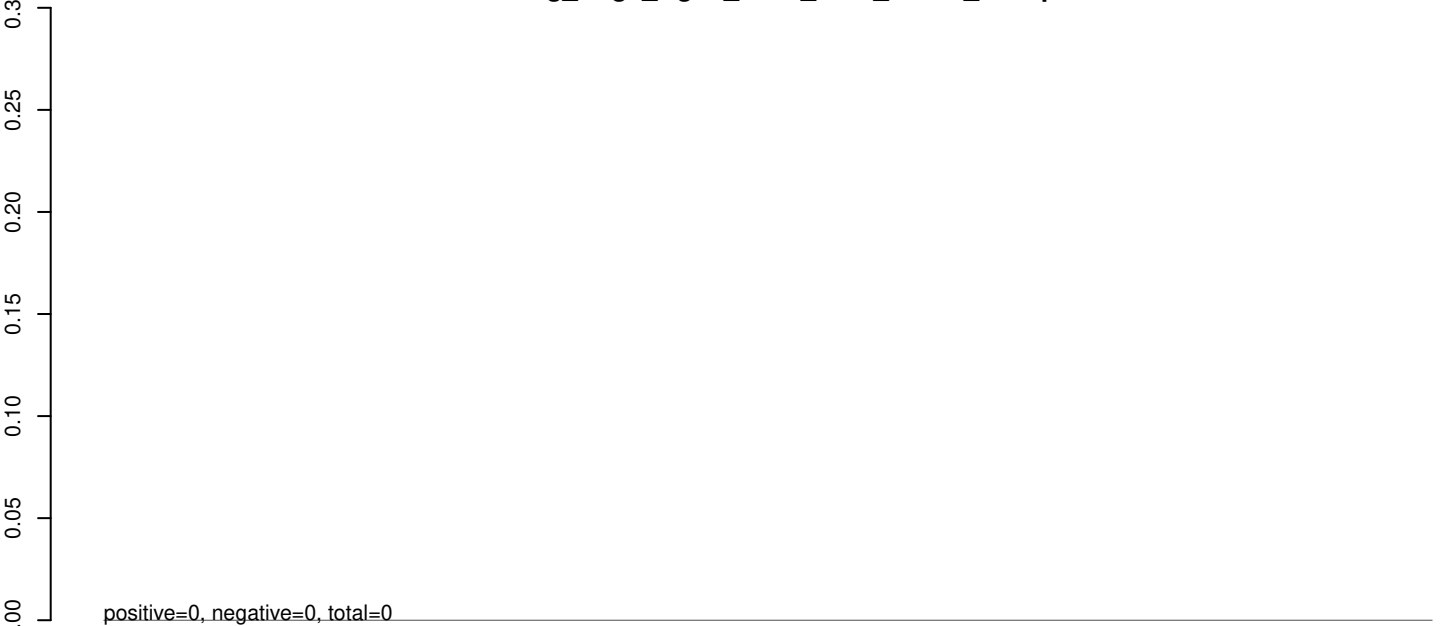
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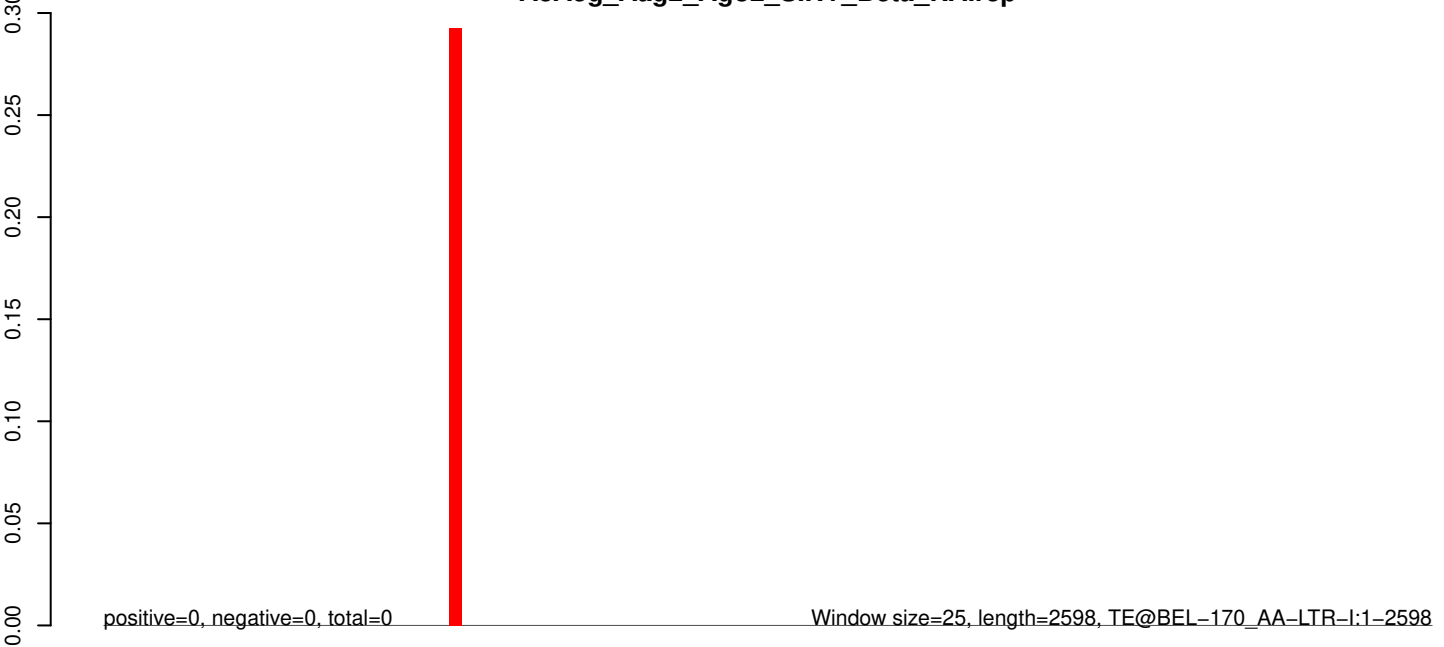
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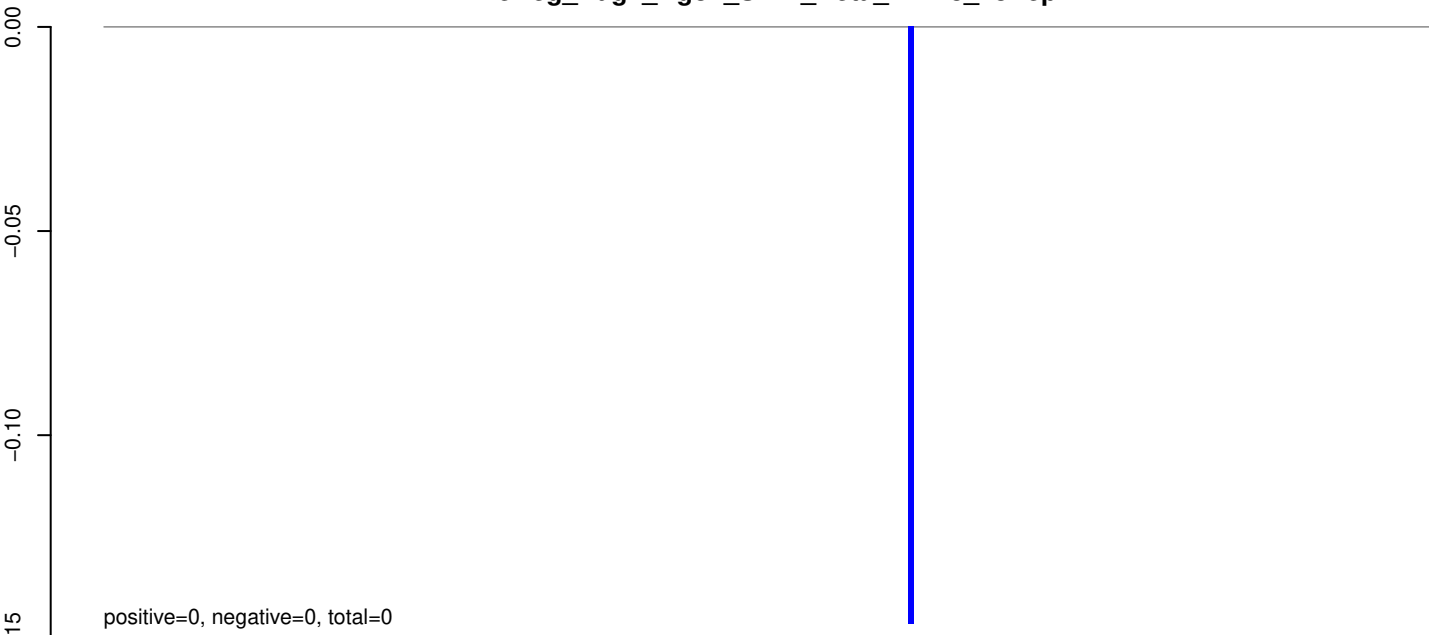
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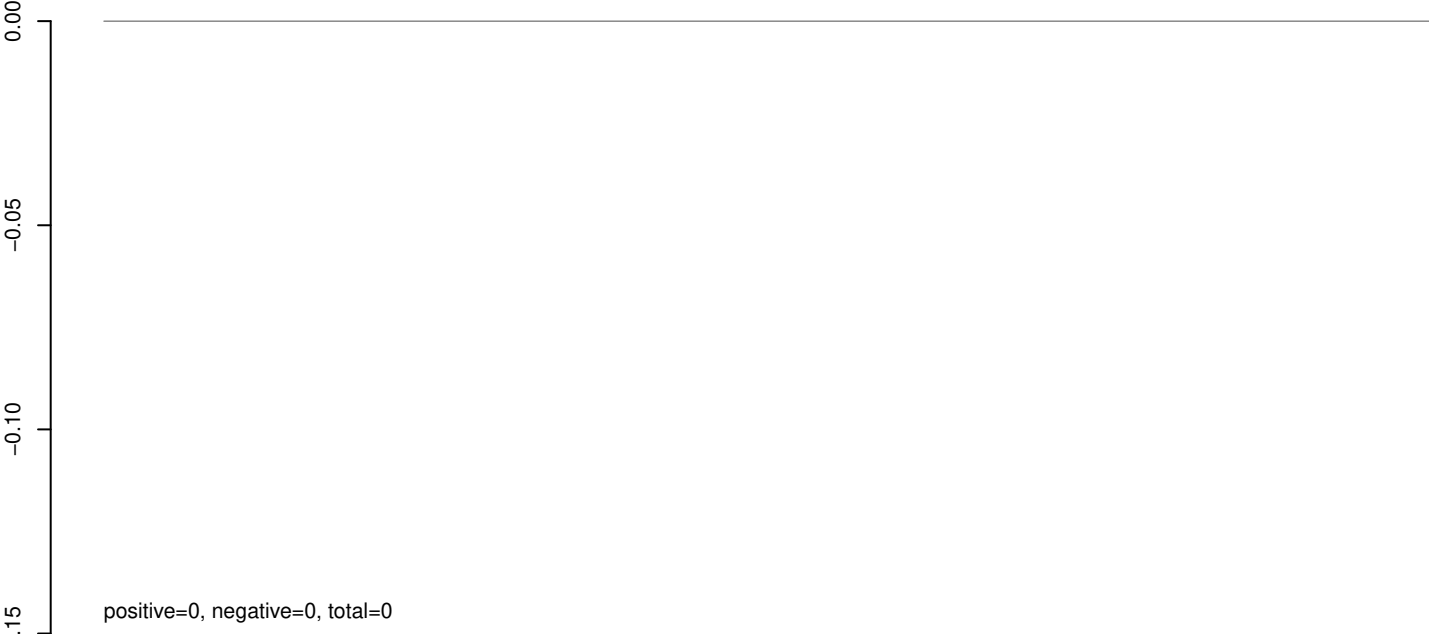
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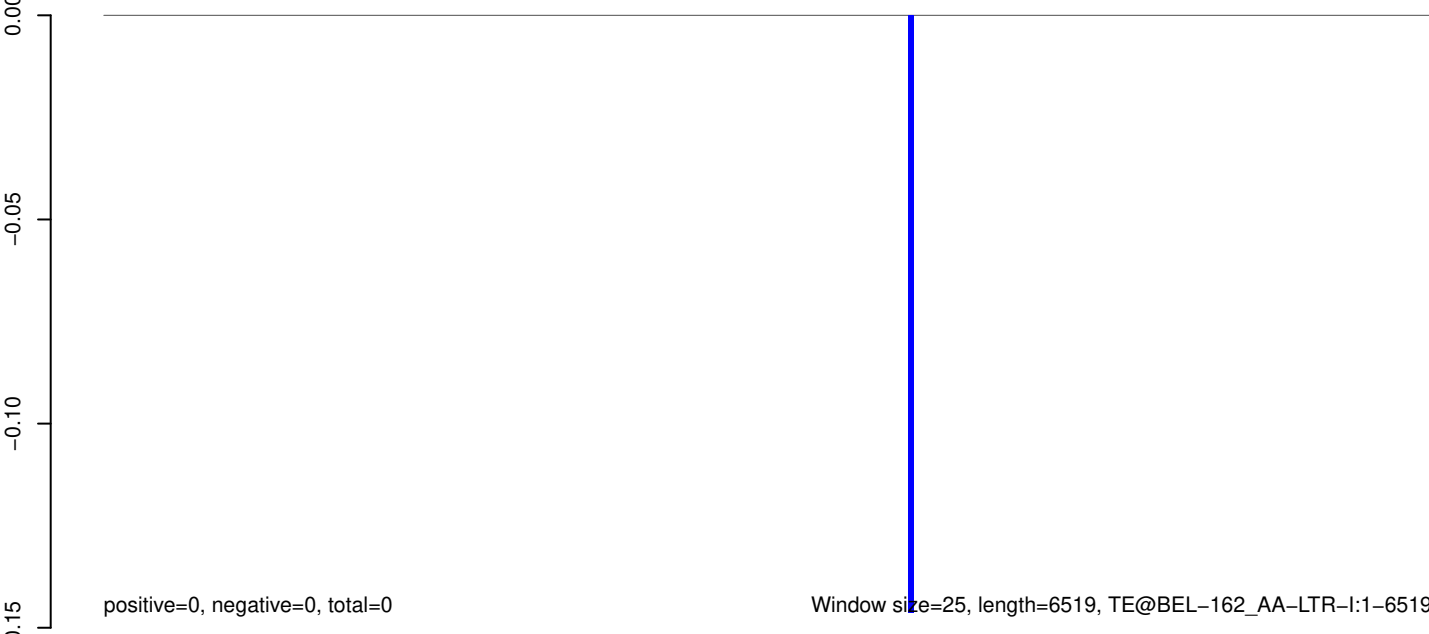
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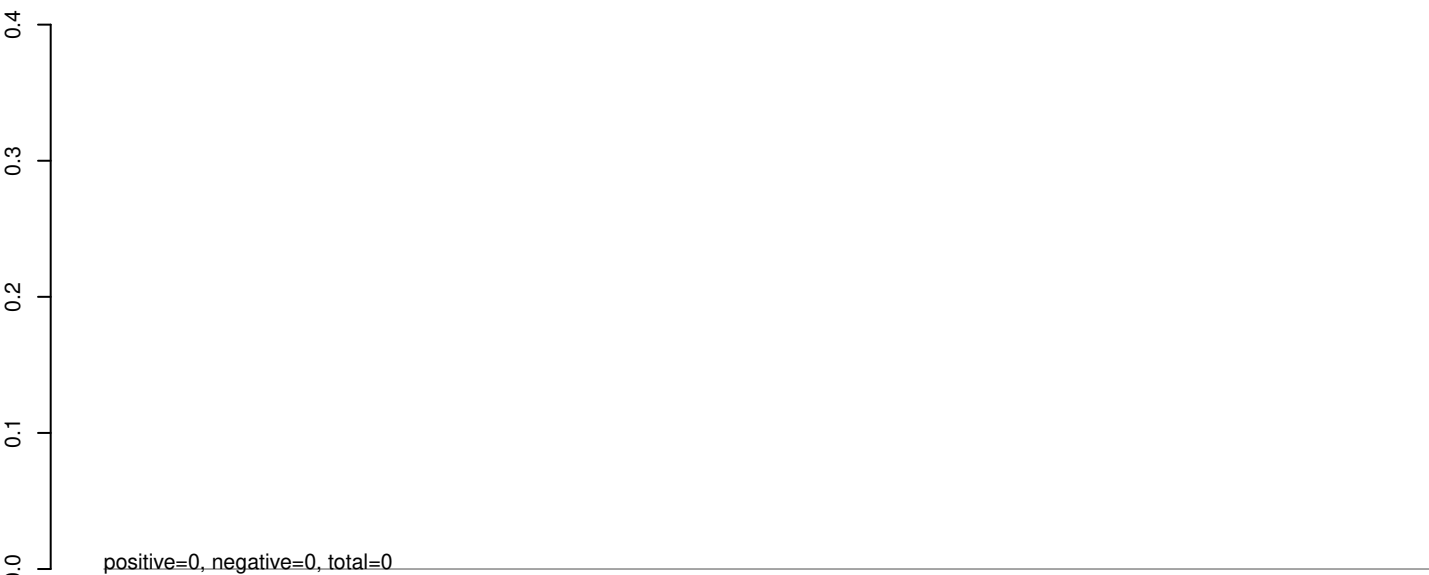


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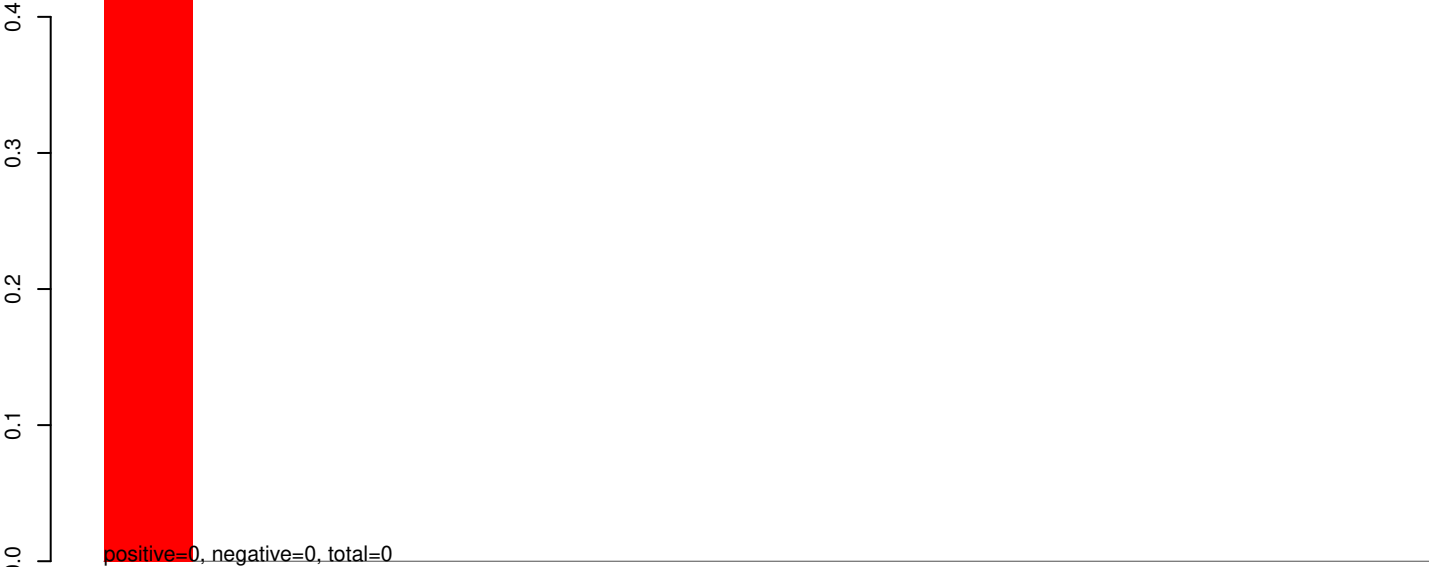


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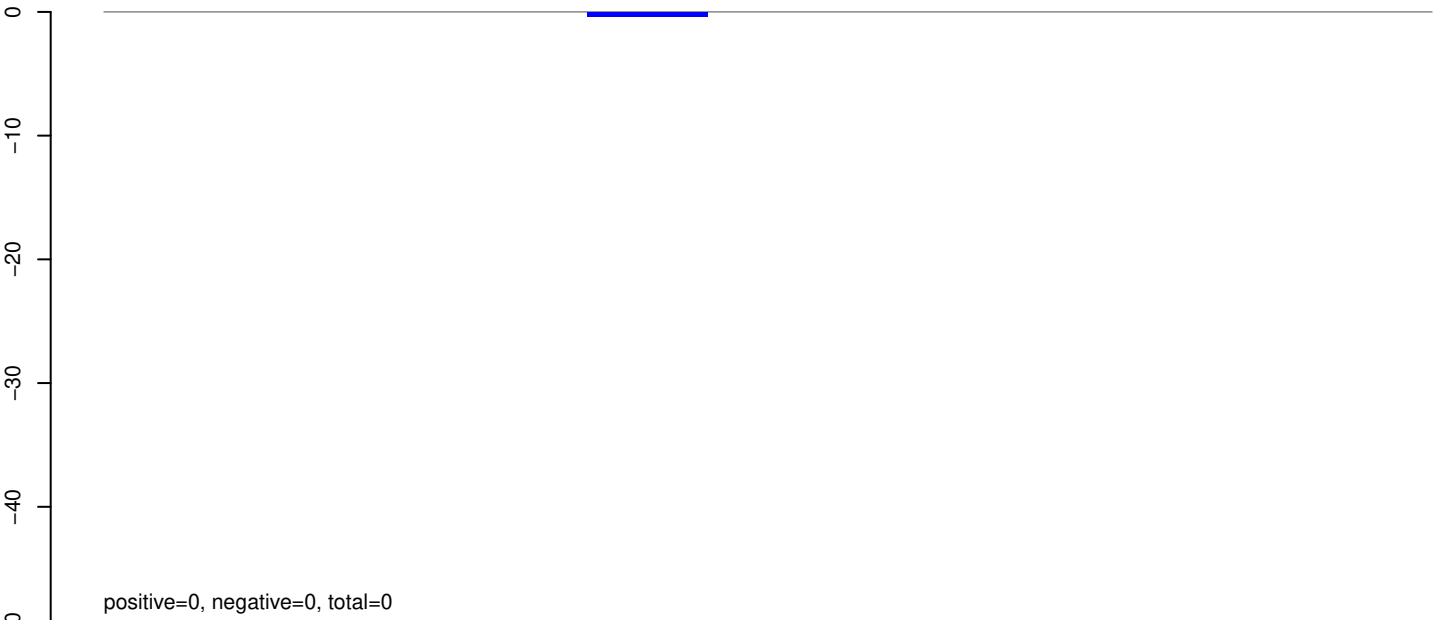
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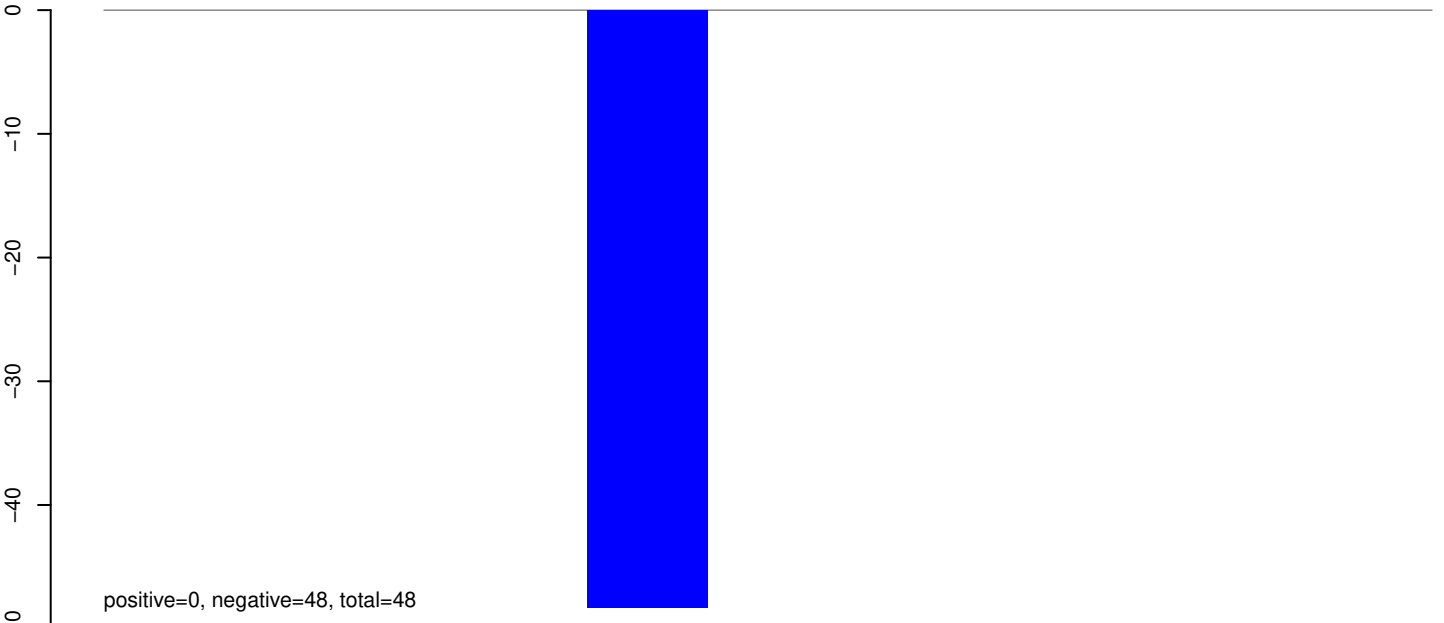
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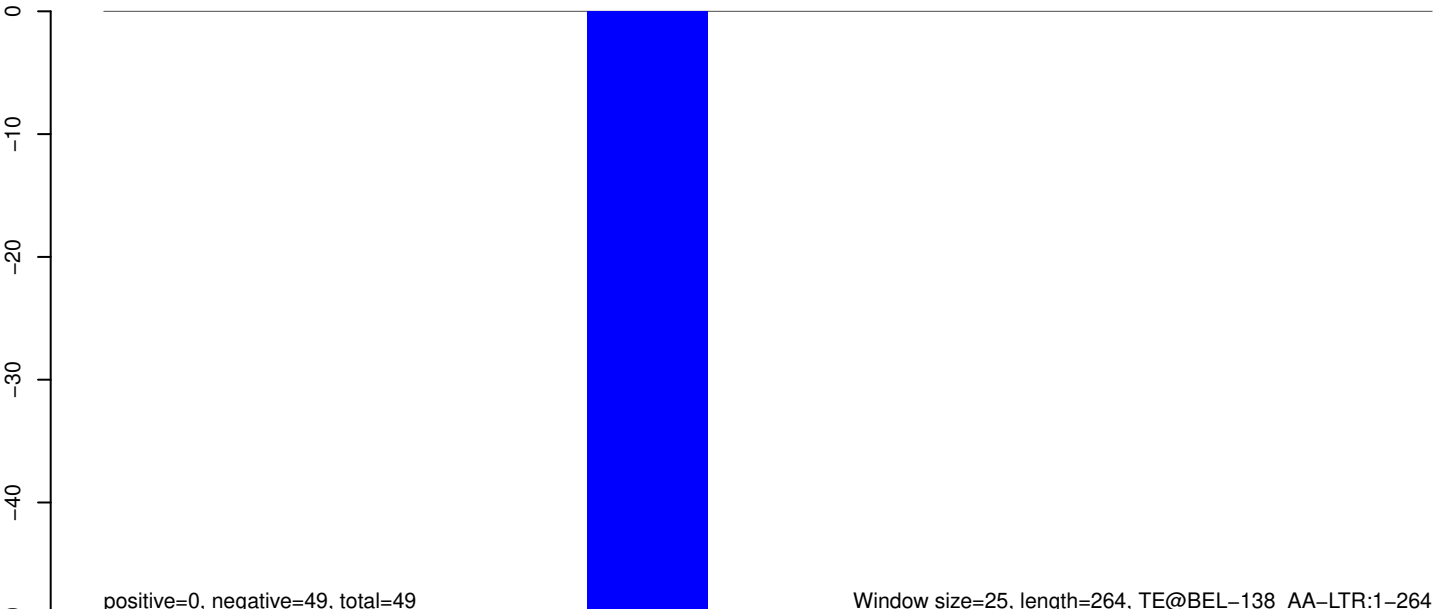
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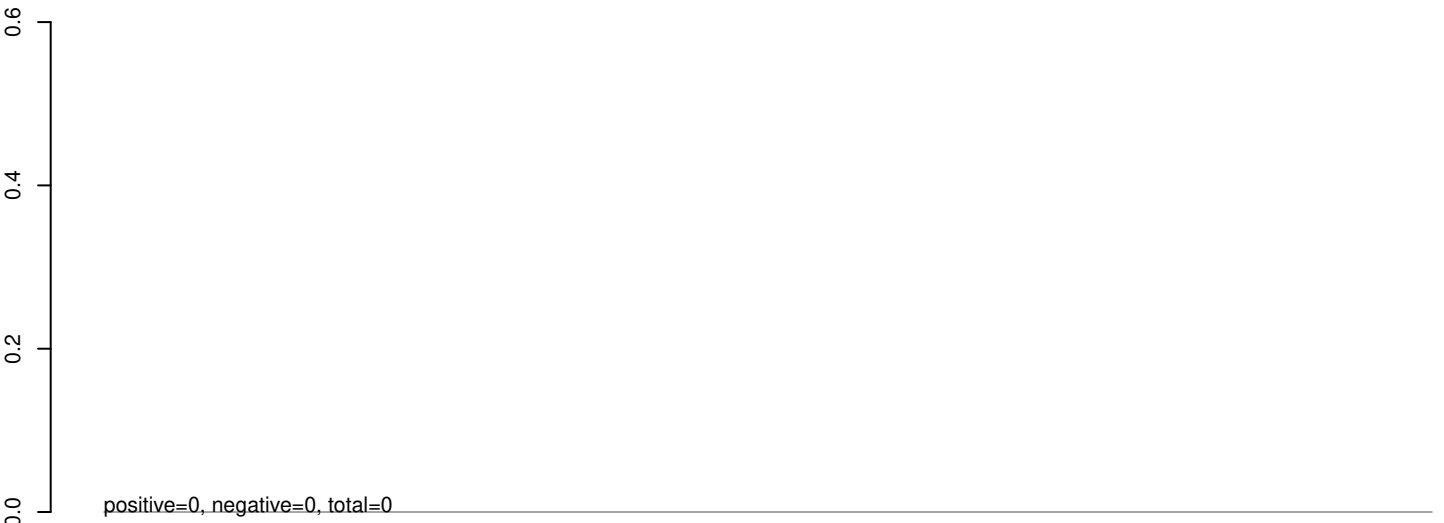


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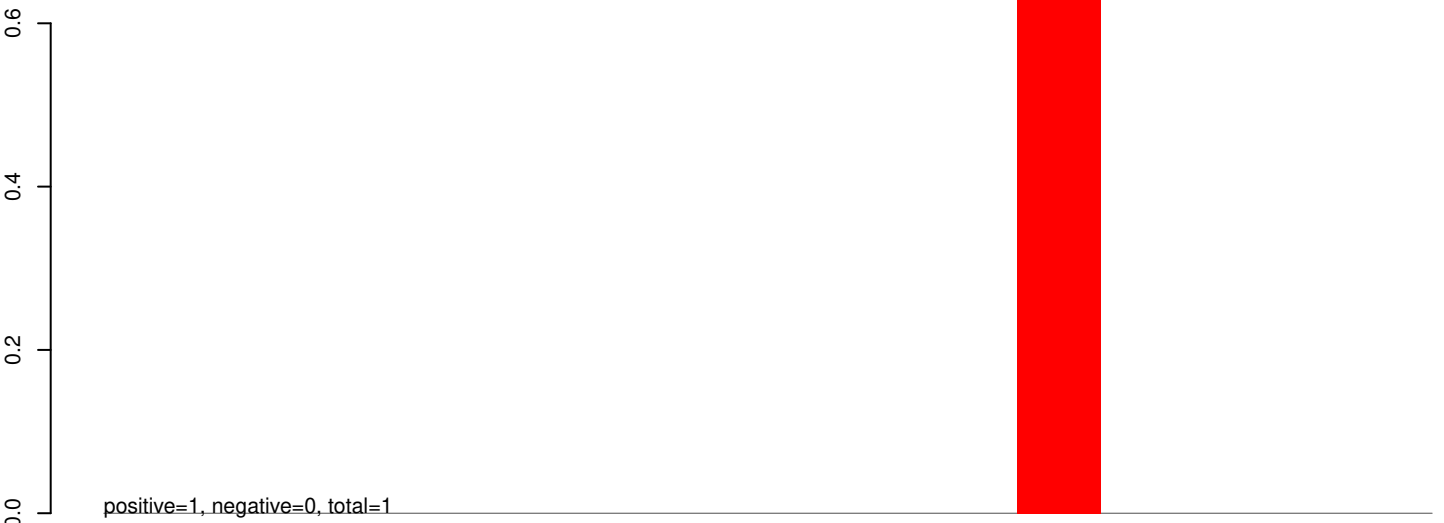


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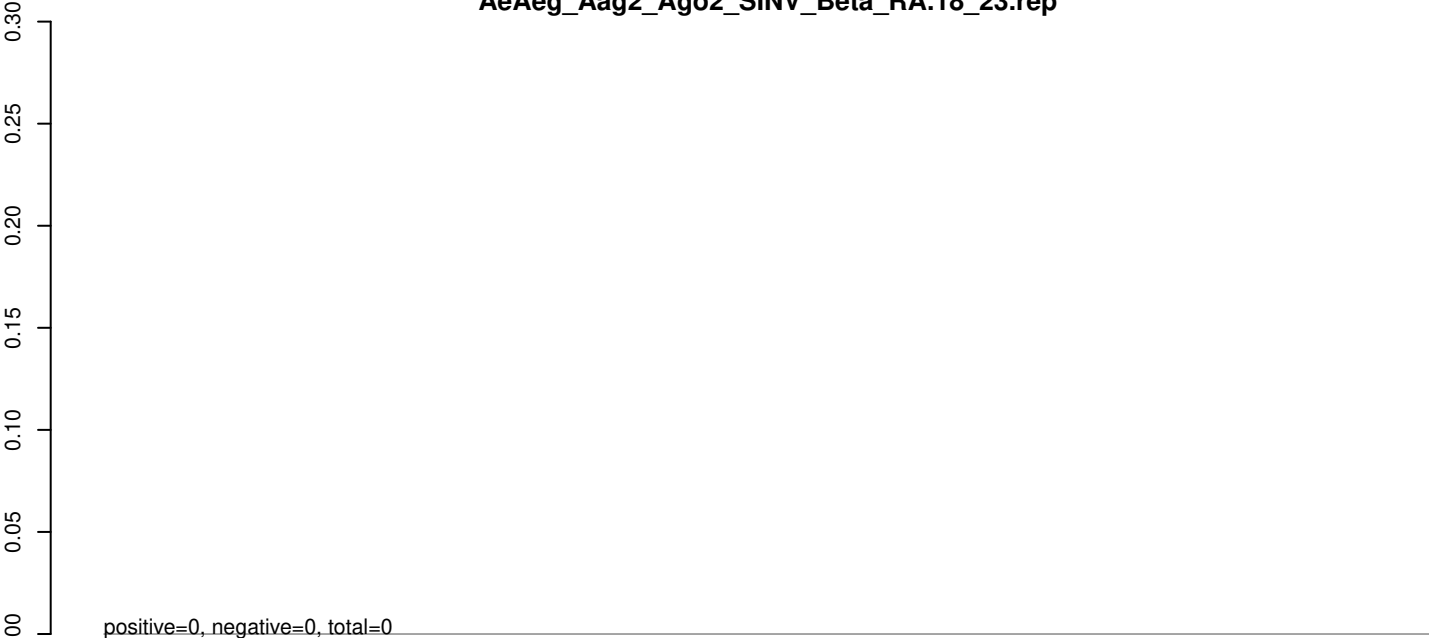
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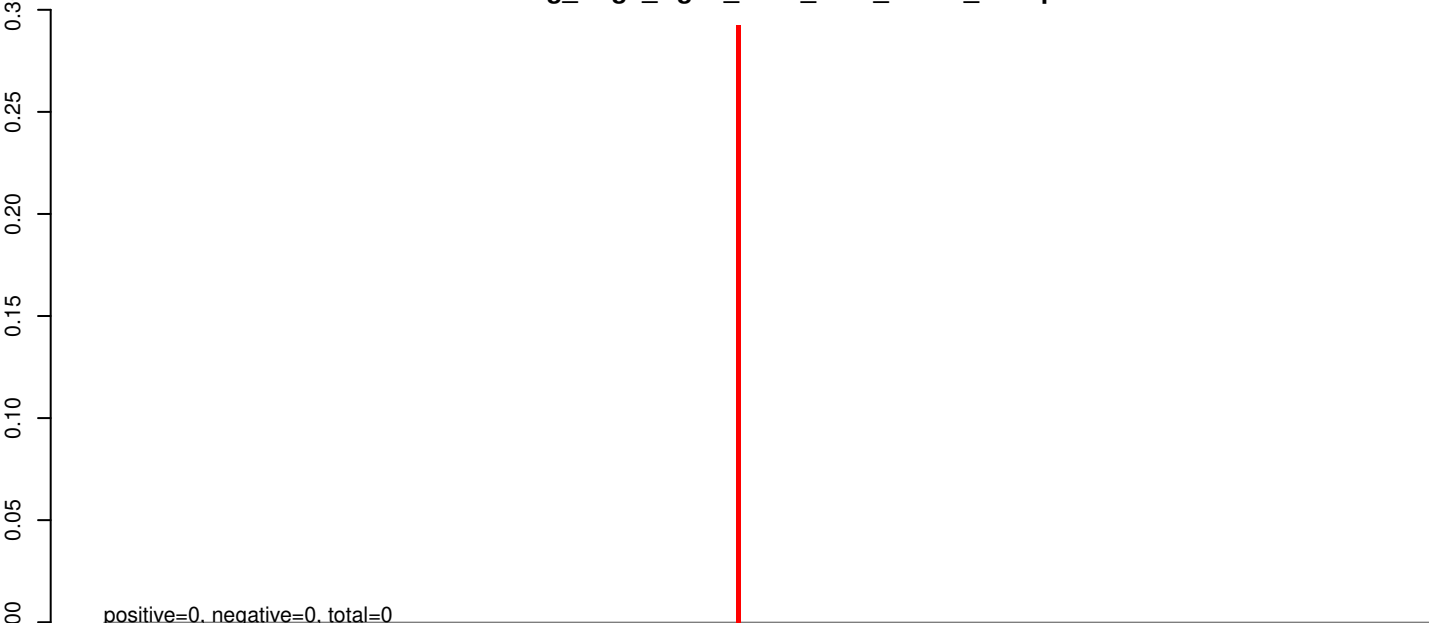
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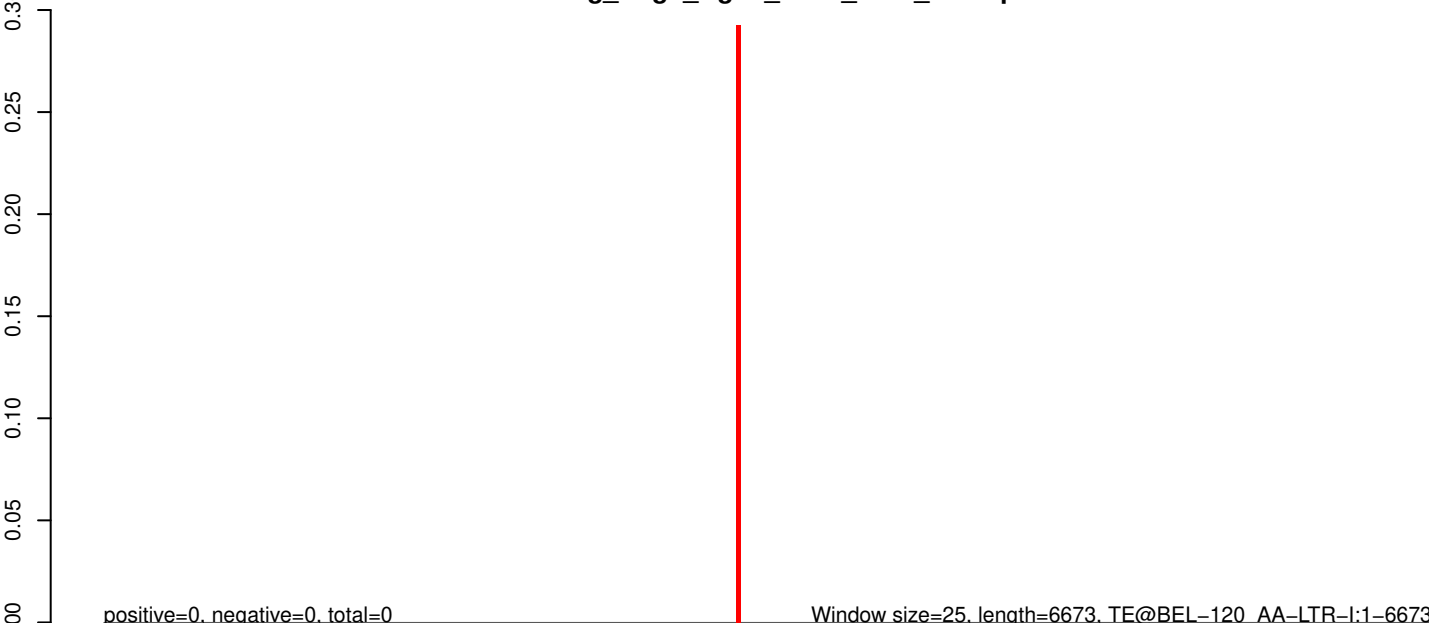
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**

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-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**

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-0.05  
-0.10  
-0.15  
-0.20

positive=0, negative=0, total=0

**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**

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-0.20

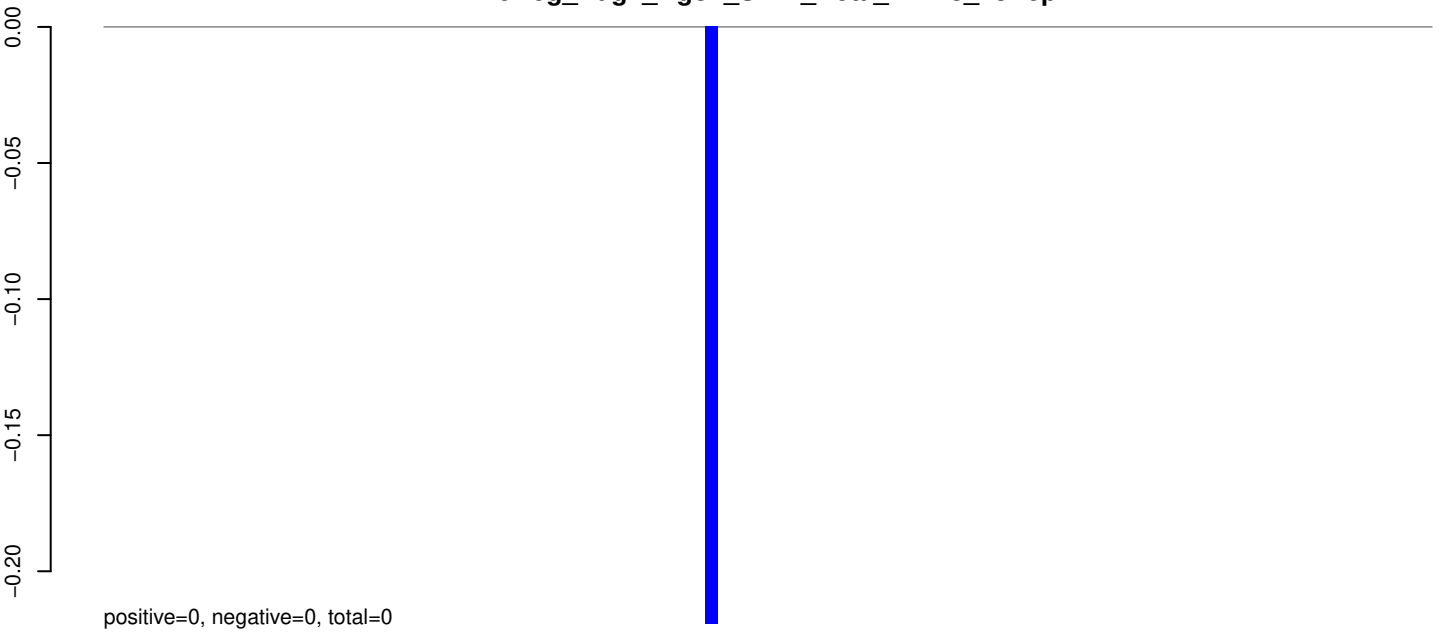
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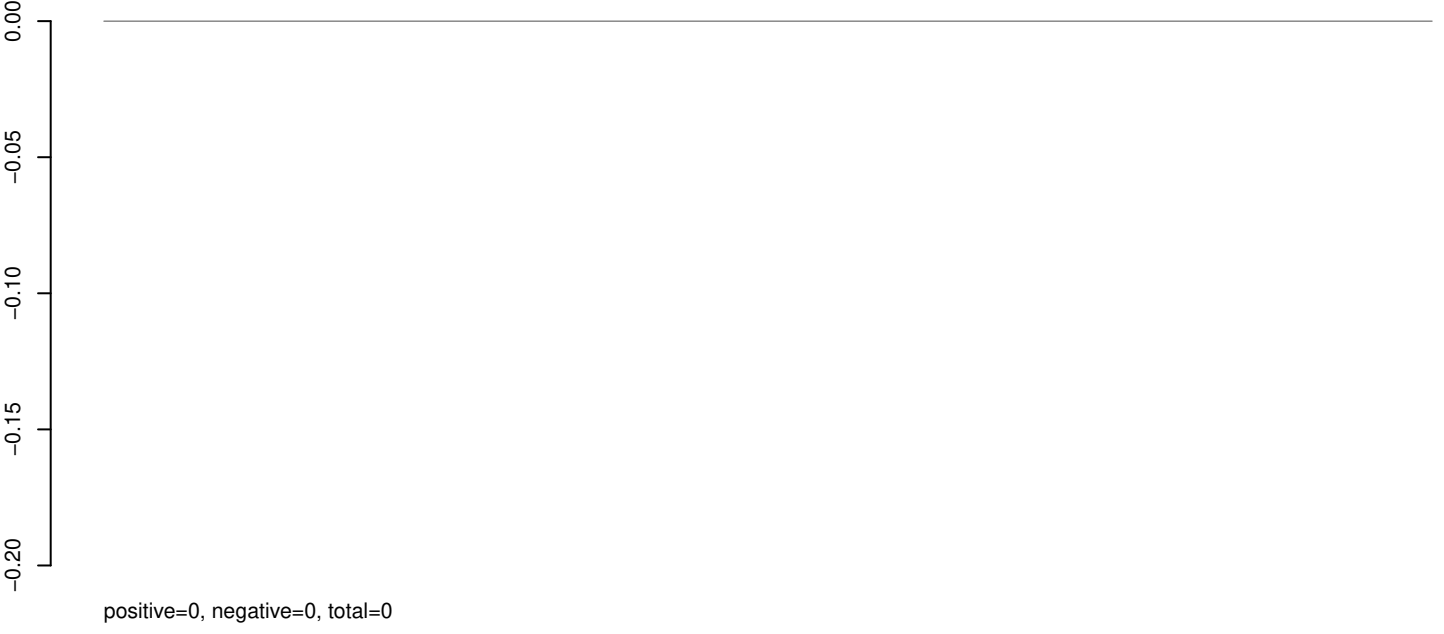
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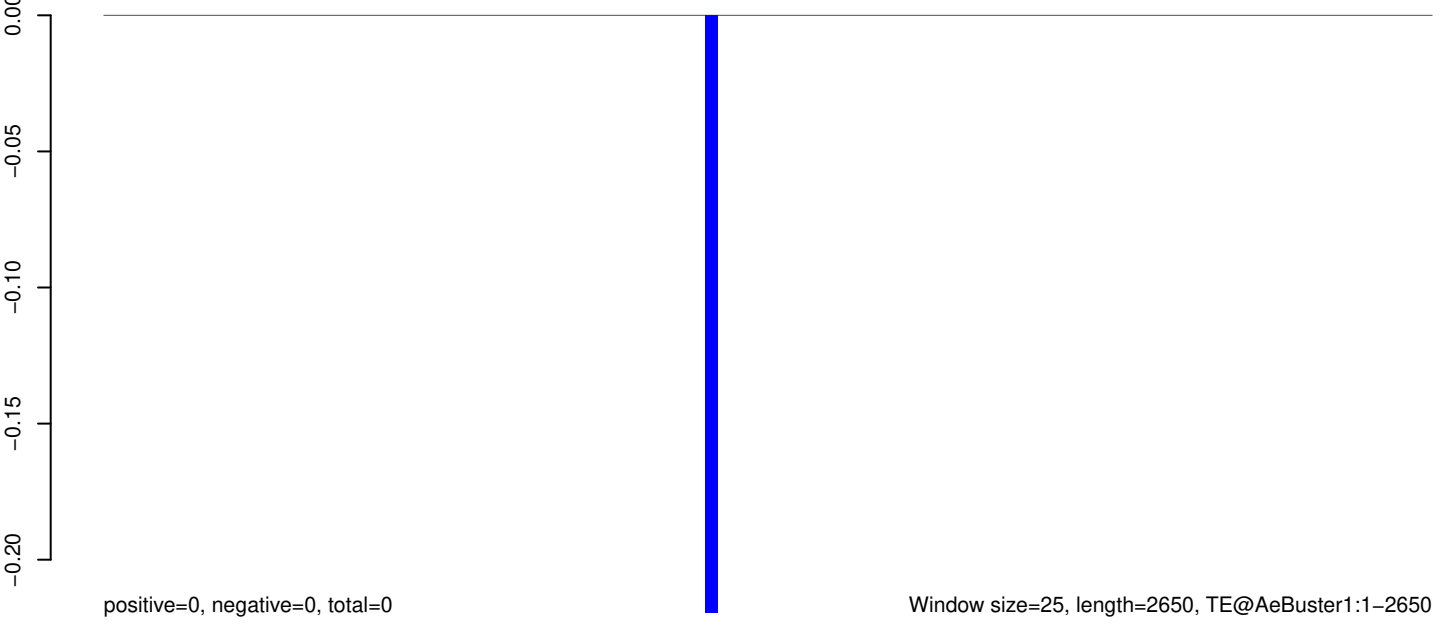
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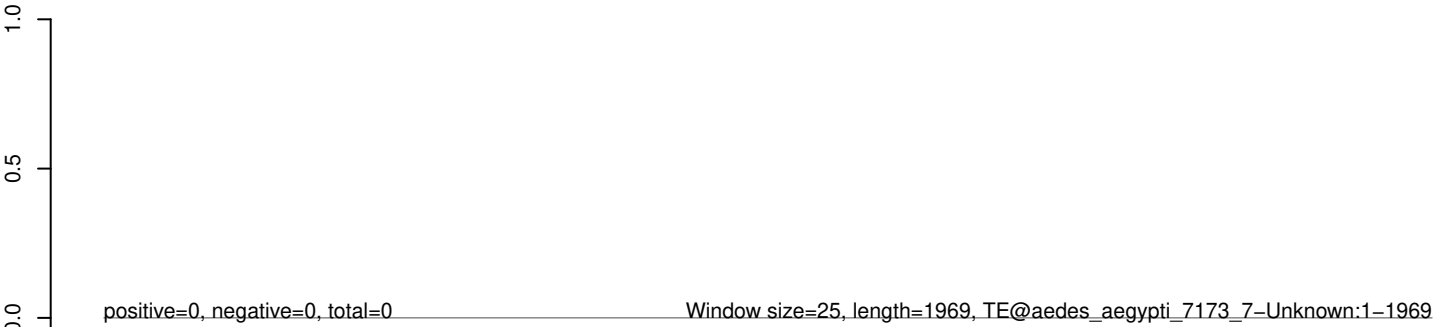
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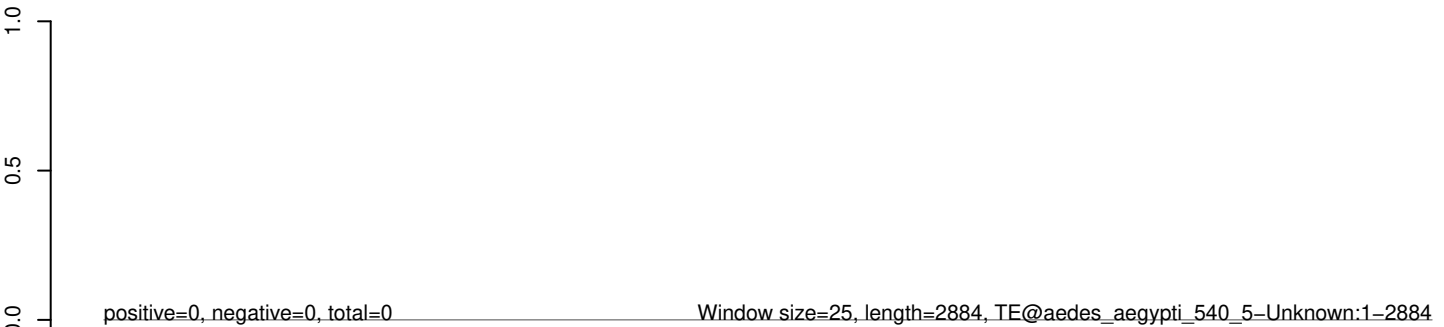
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



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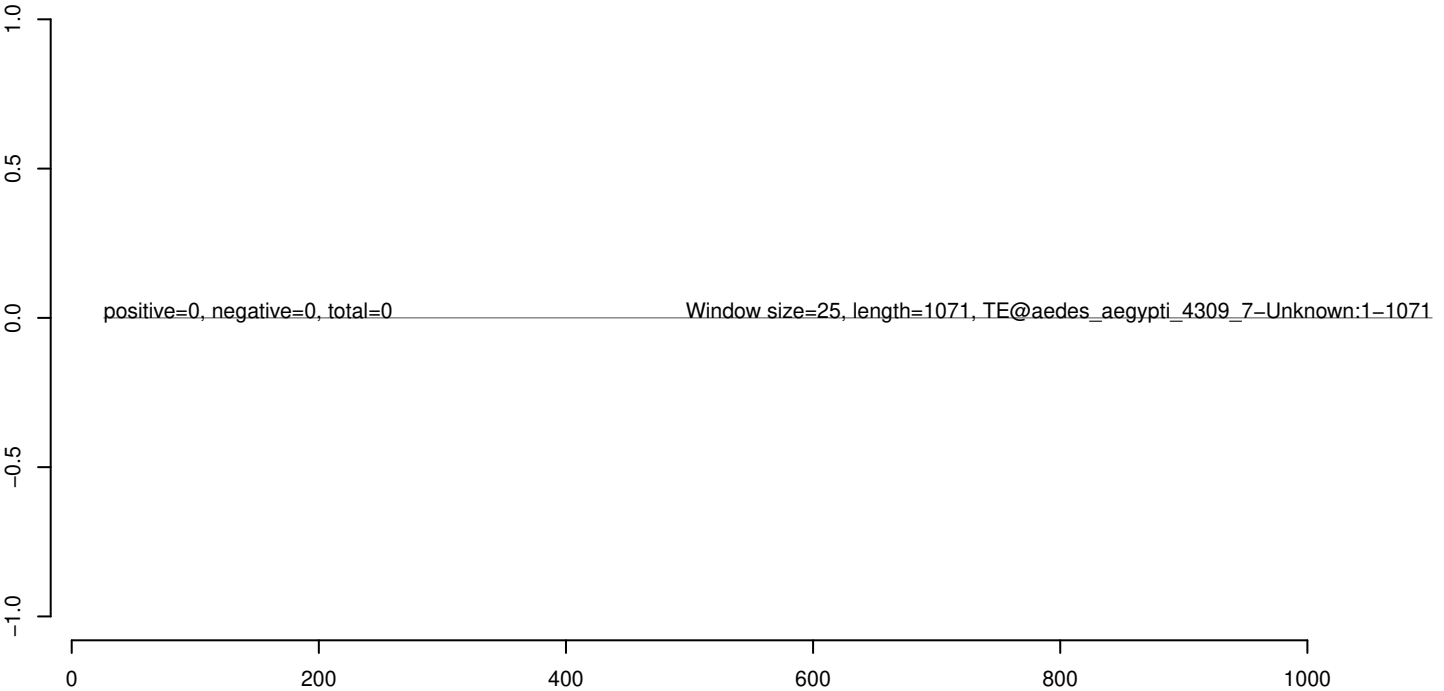
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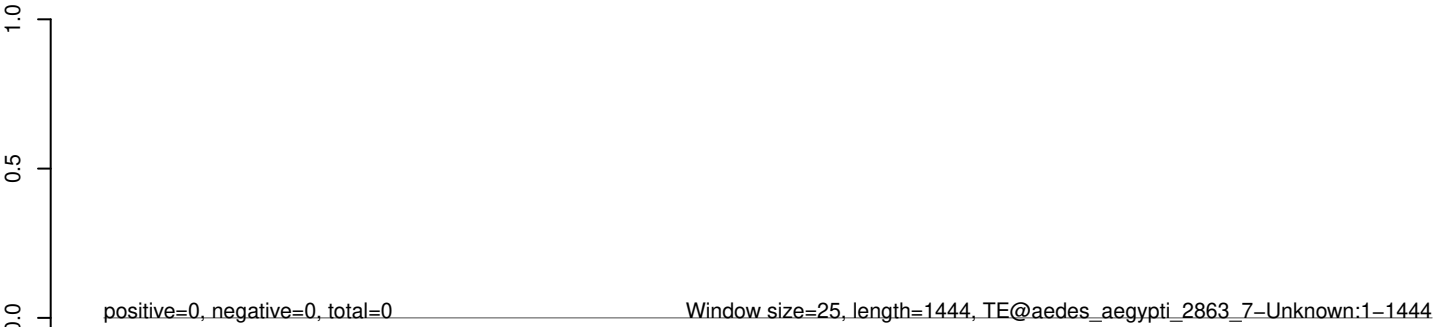
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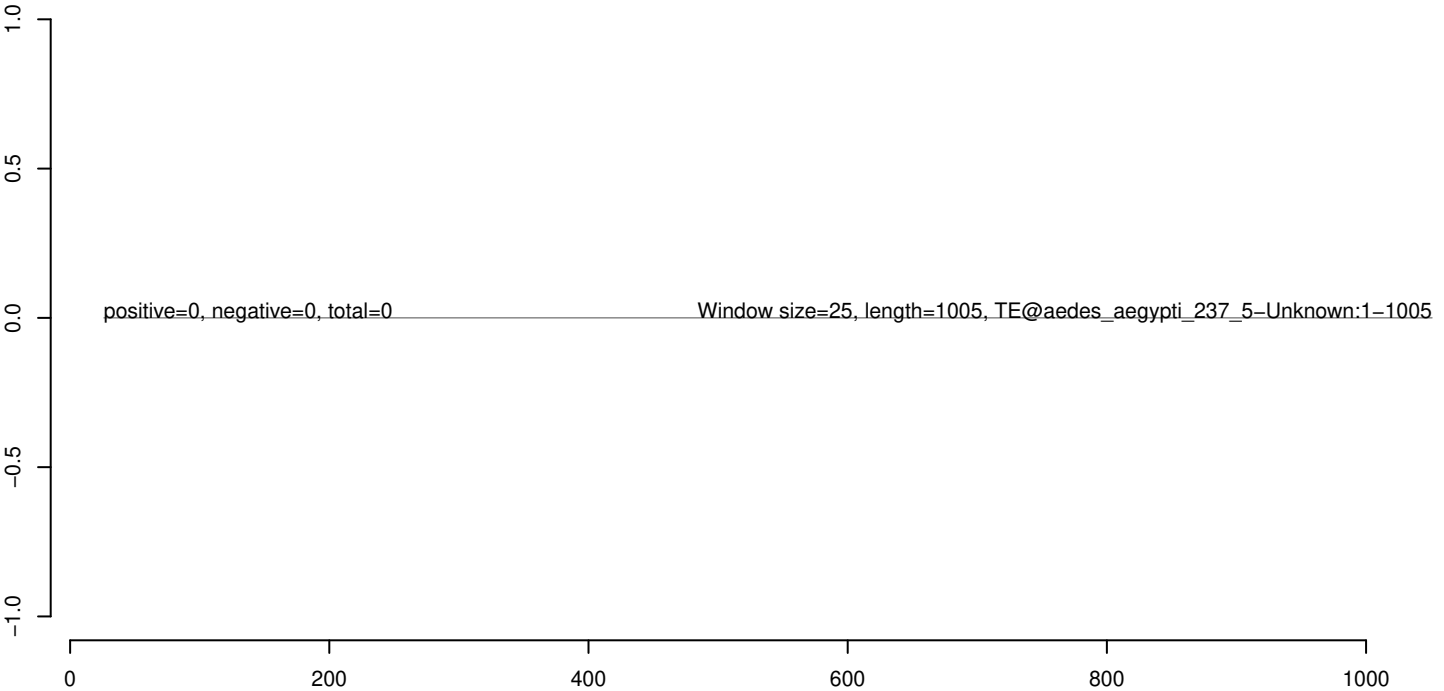
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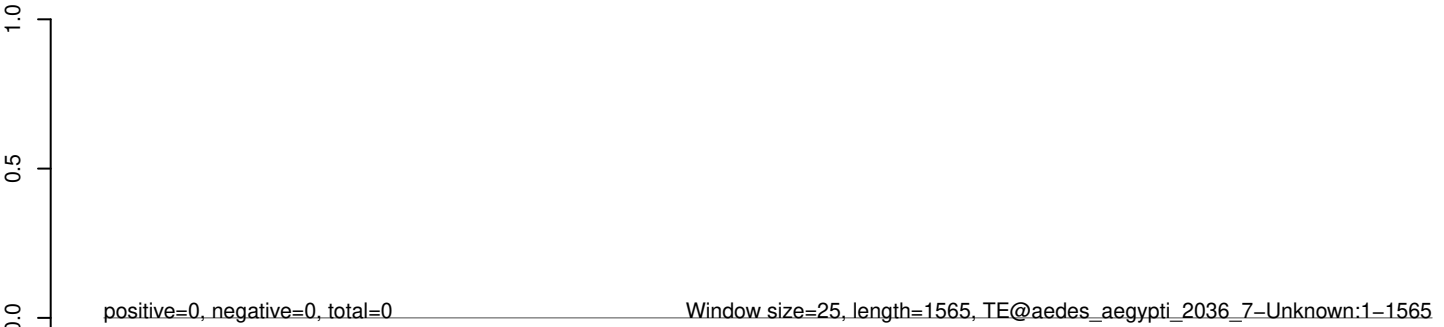
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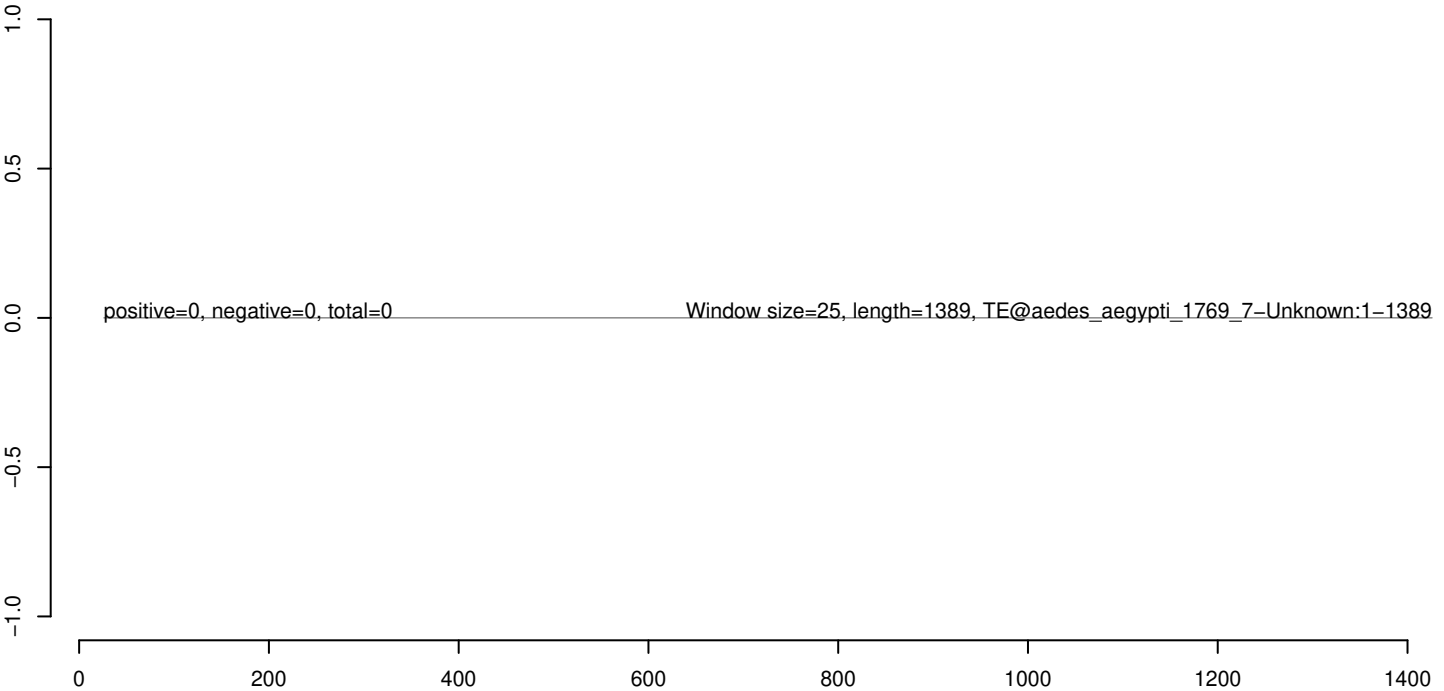
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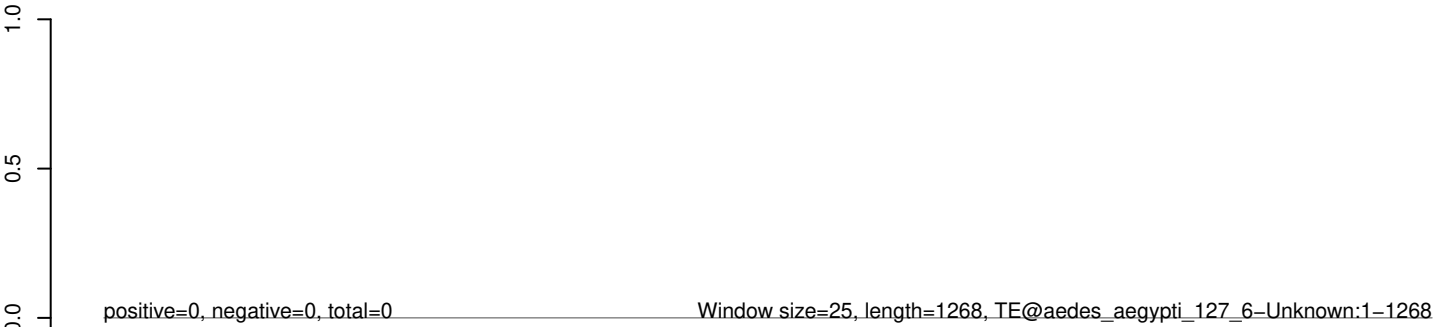
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



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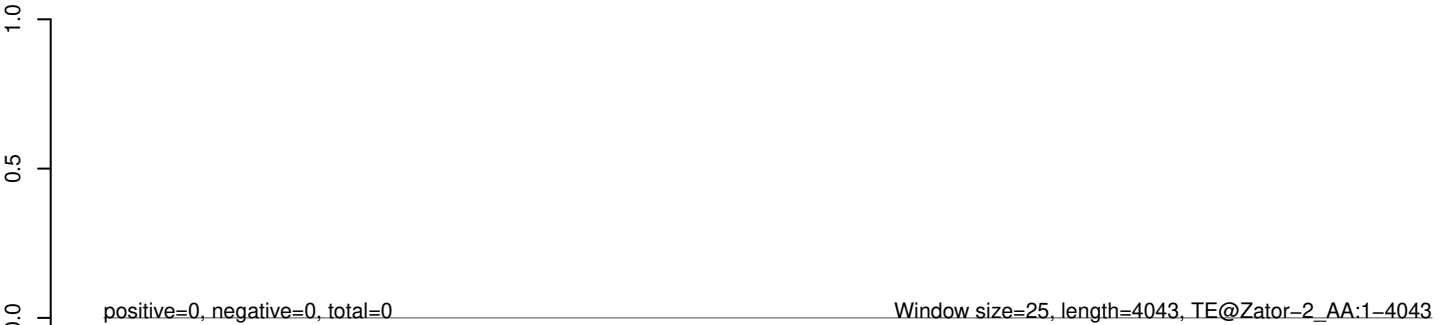
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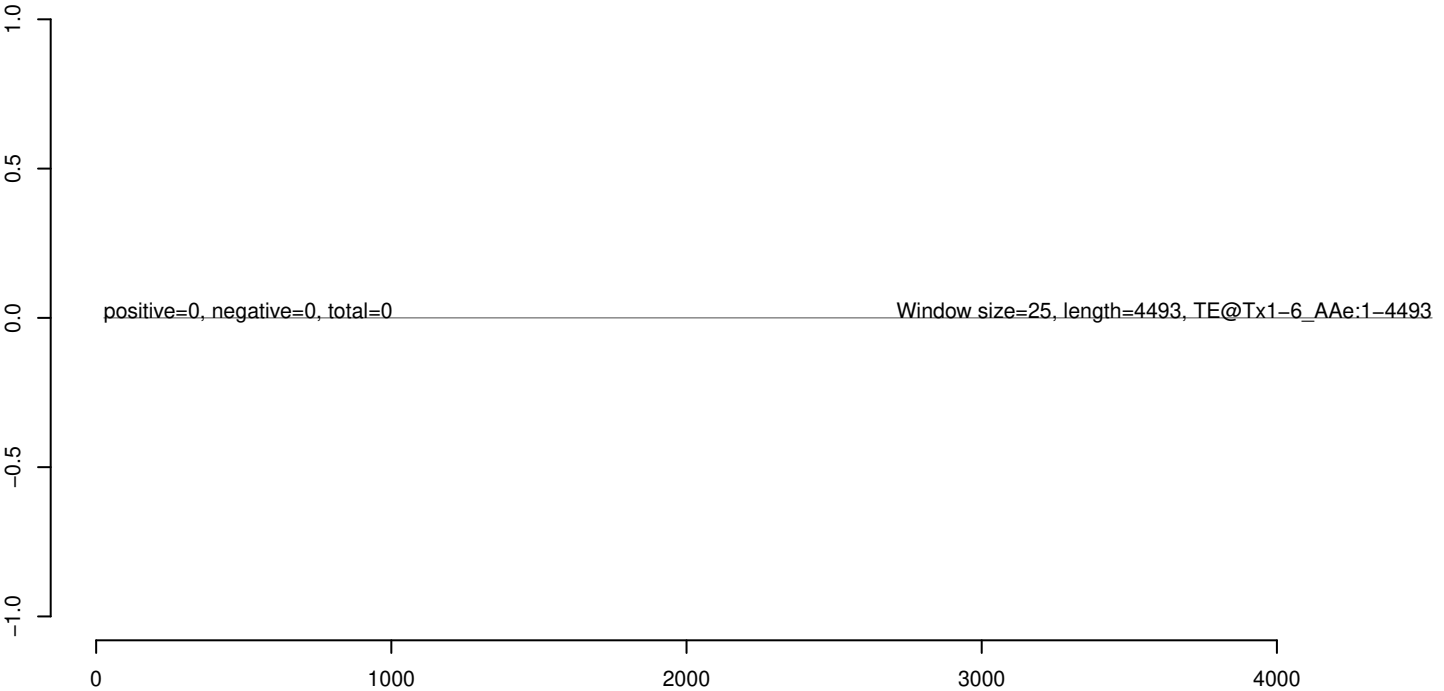
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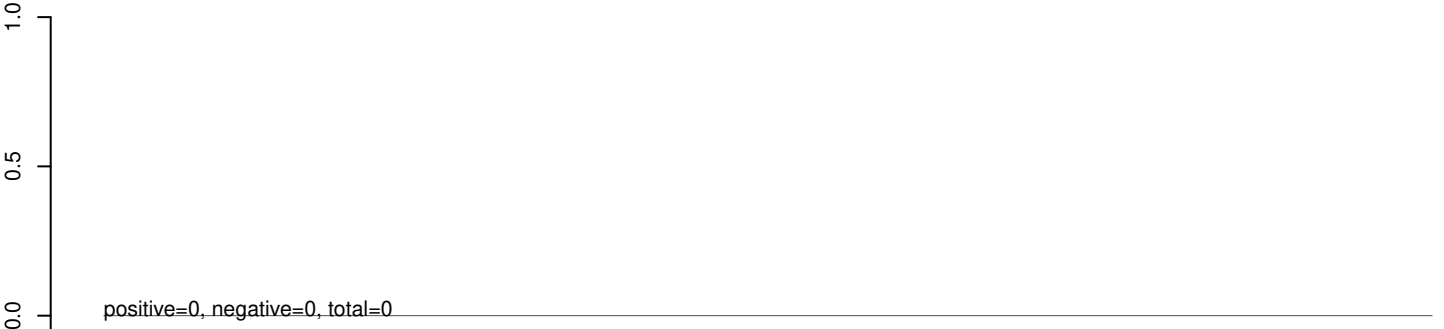
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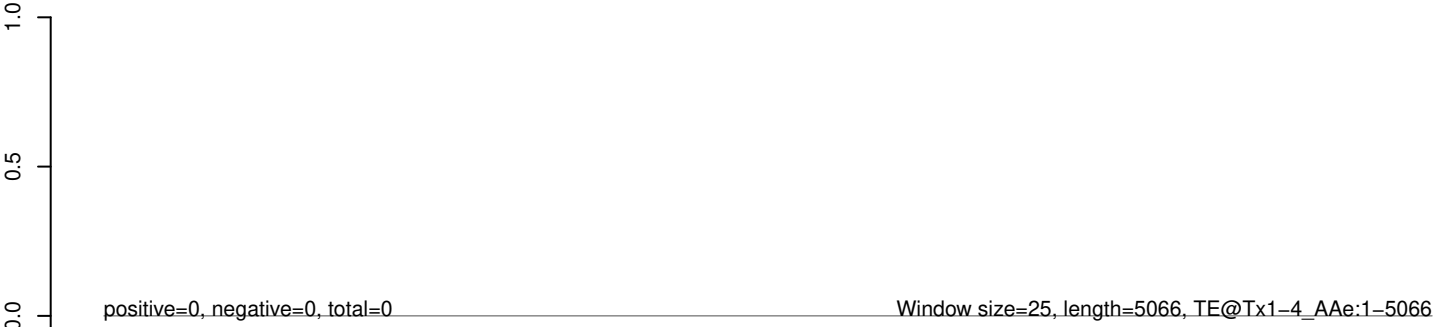
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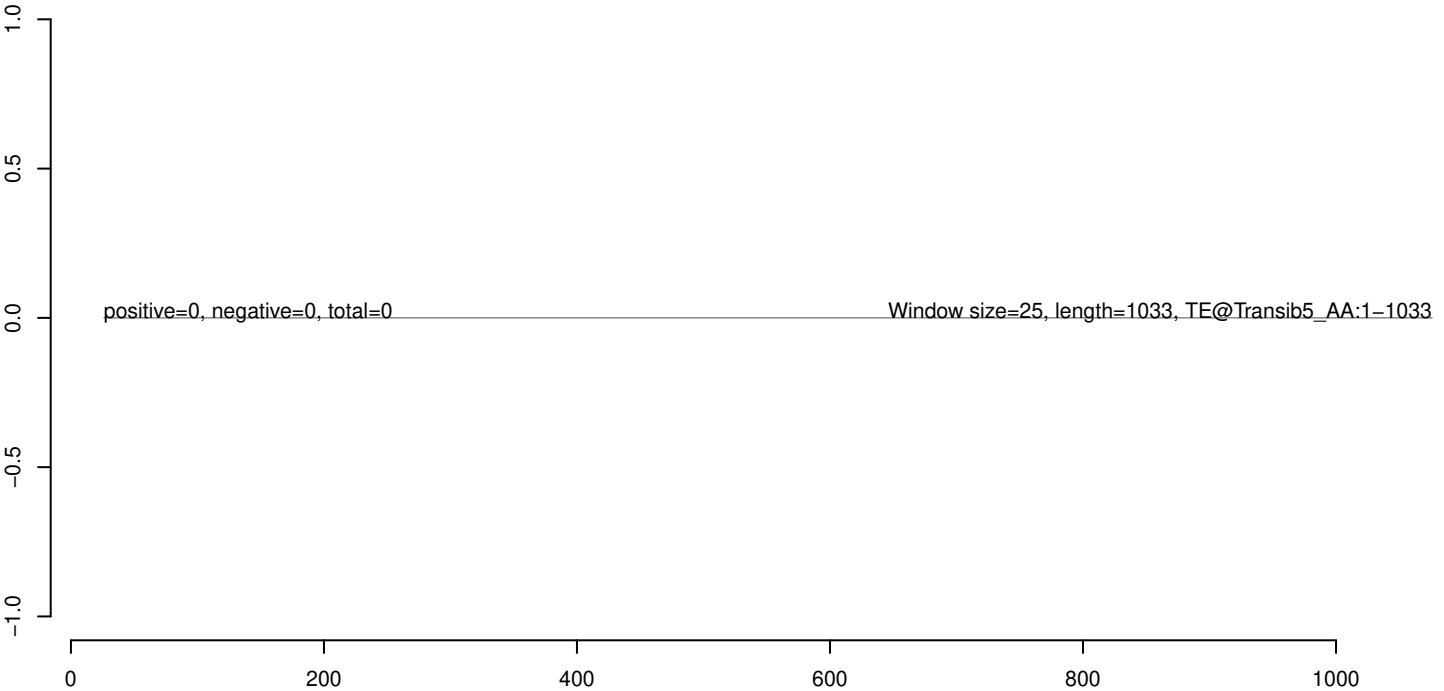
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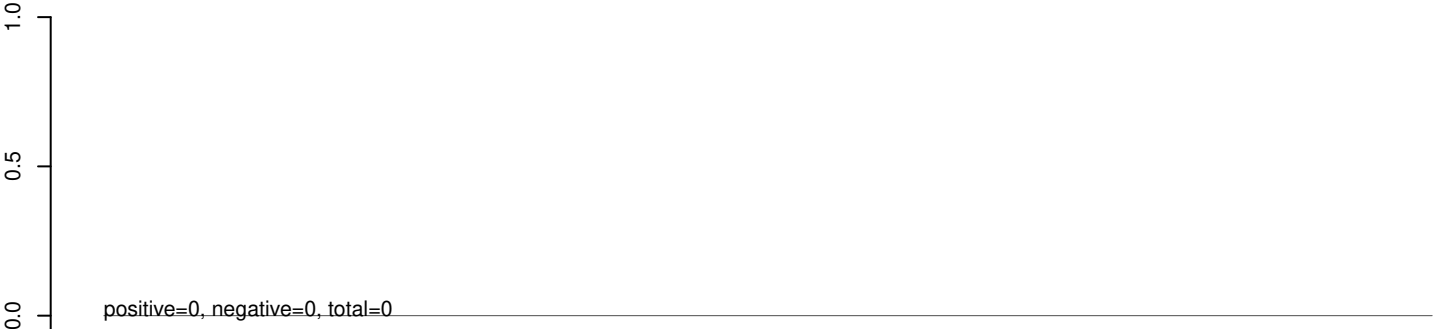
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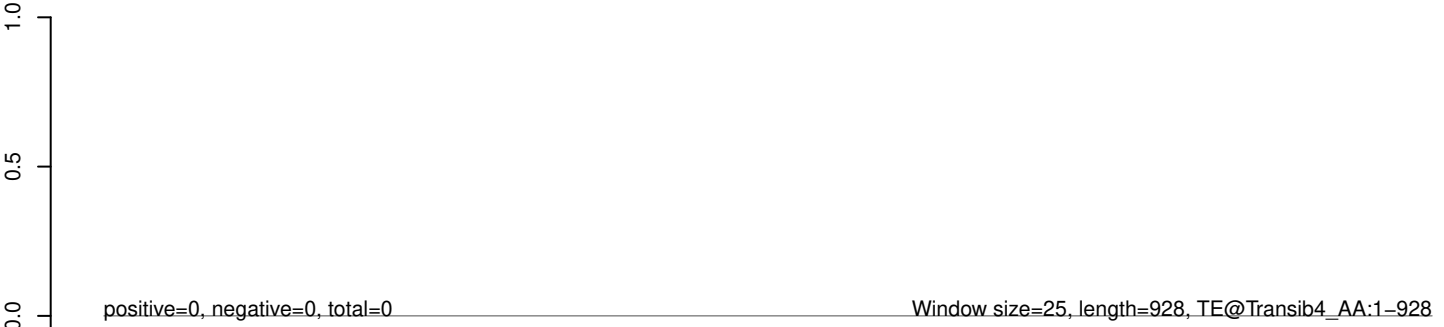
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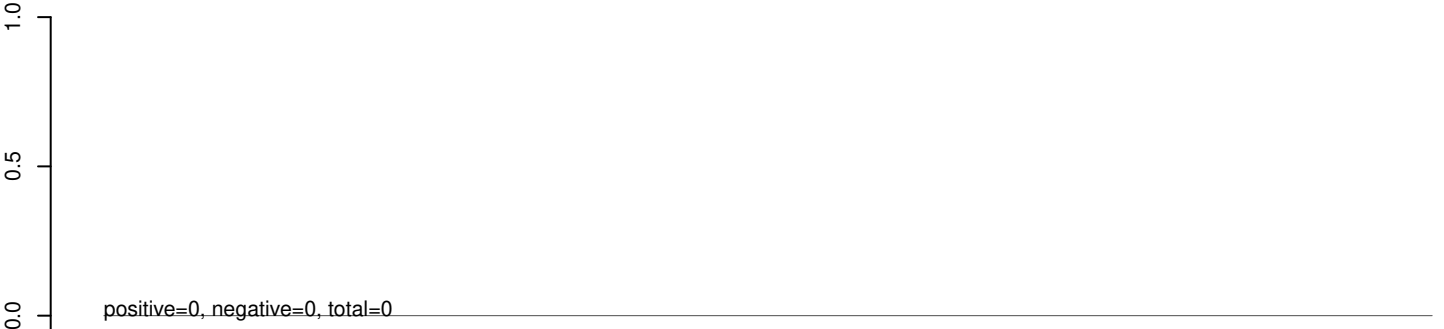
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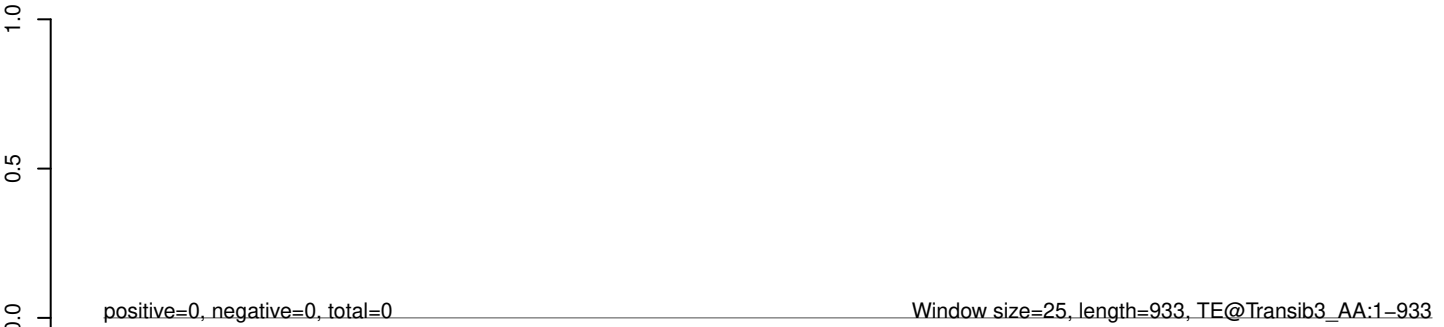
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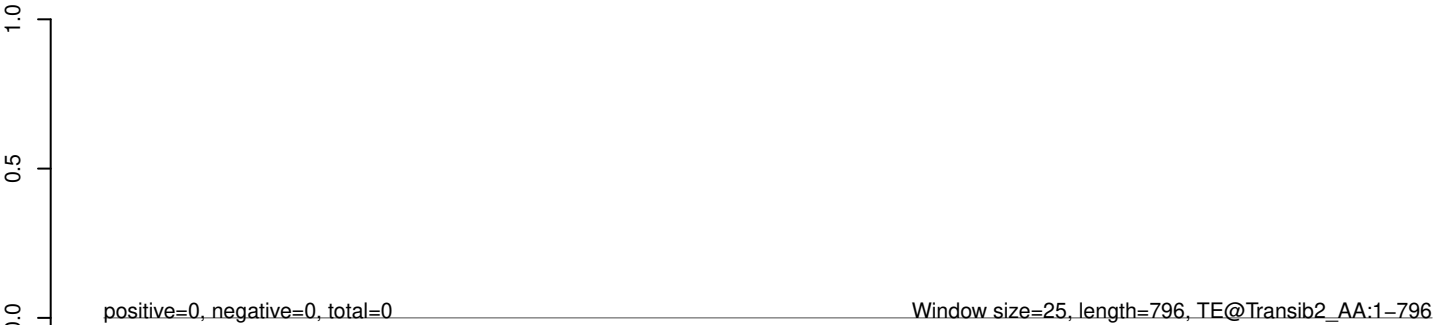
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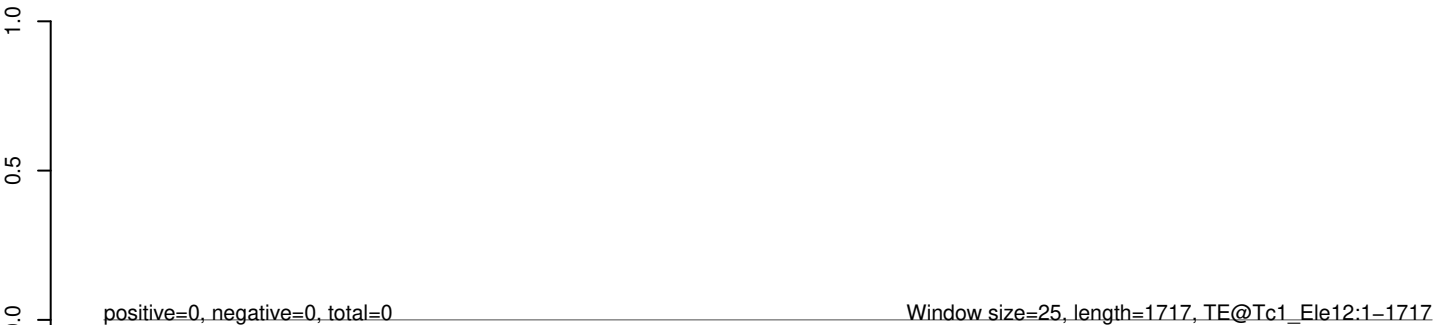
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.18\_23.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



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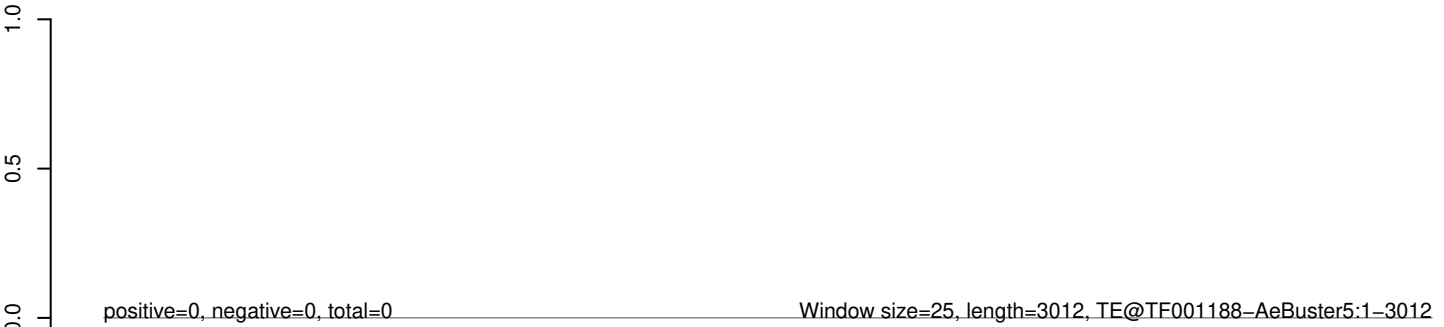
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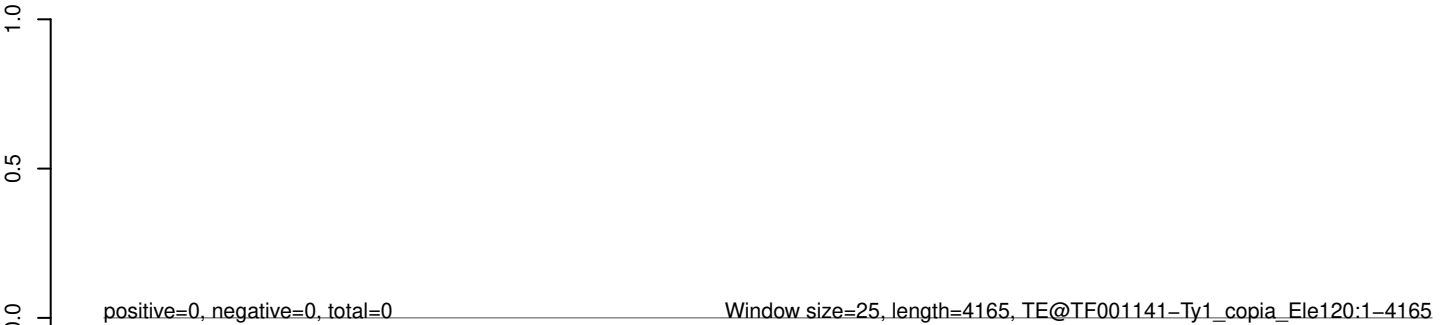
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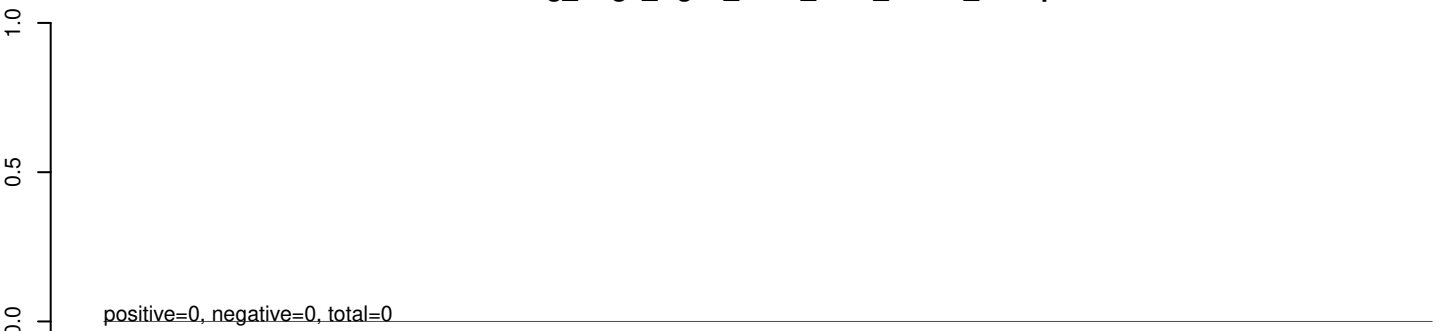
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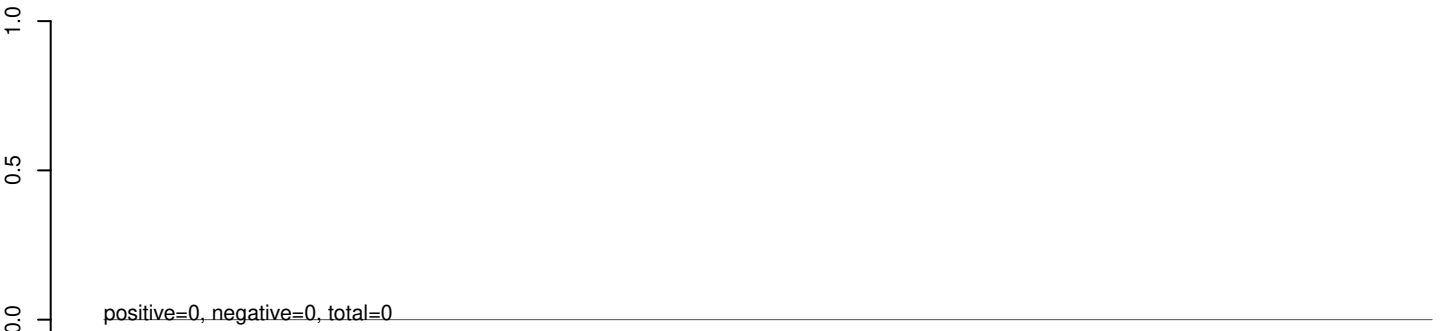
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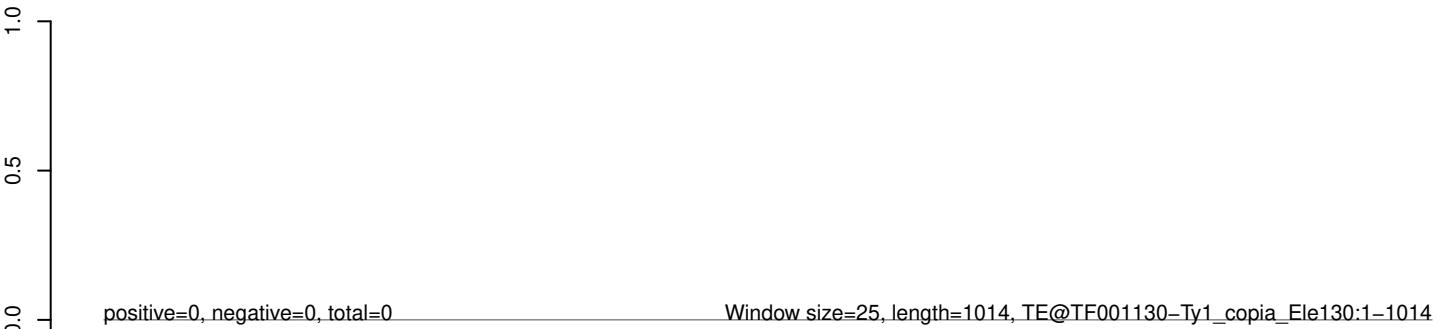
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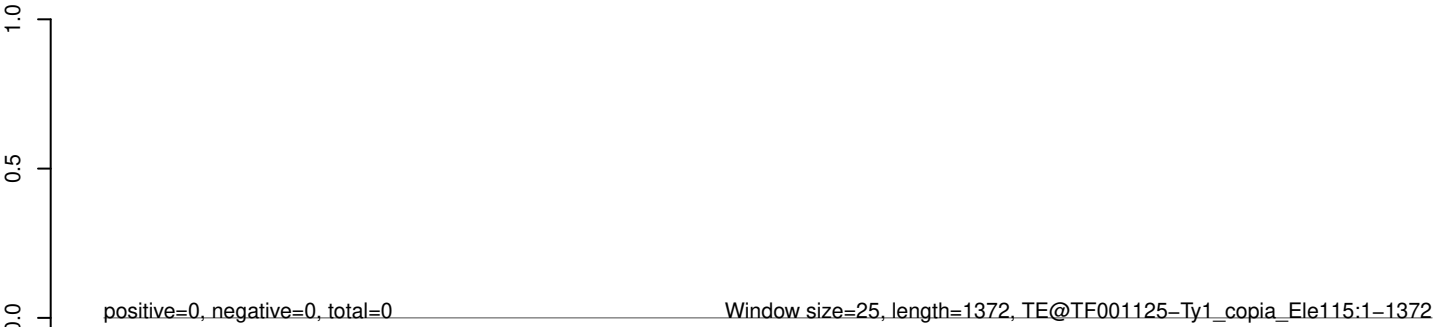
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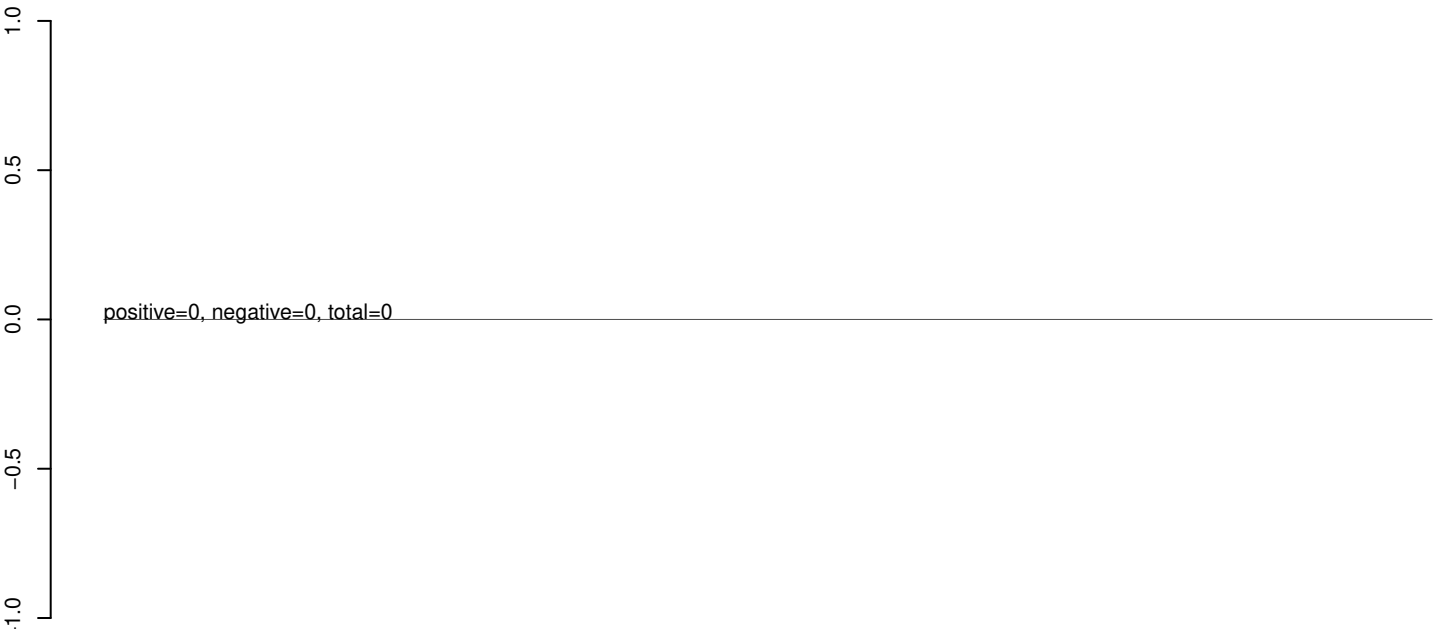
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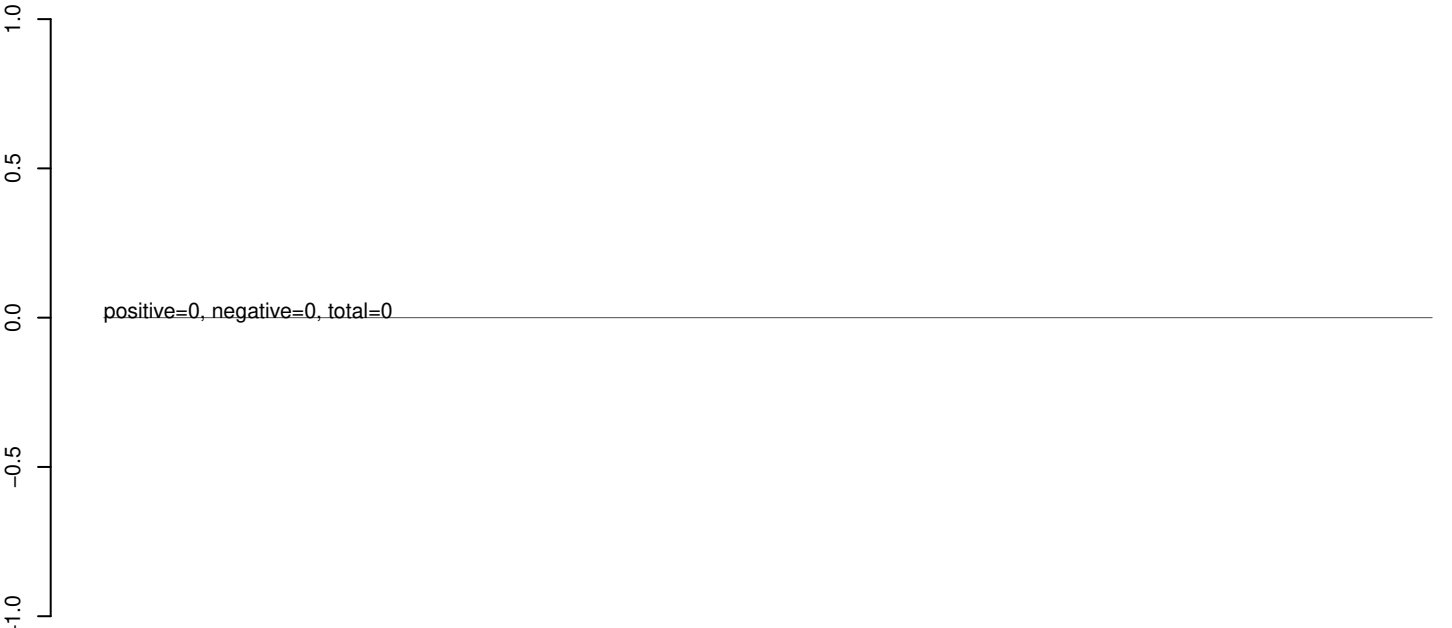
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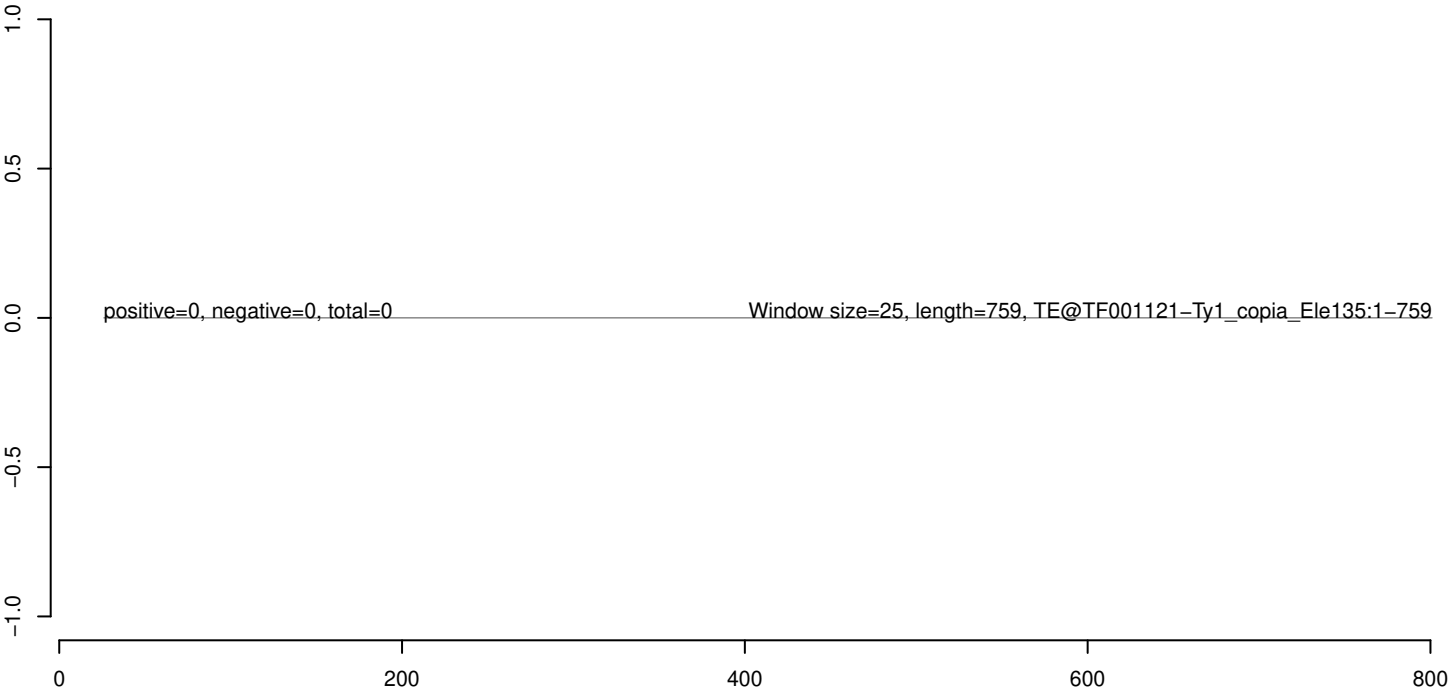
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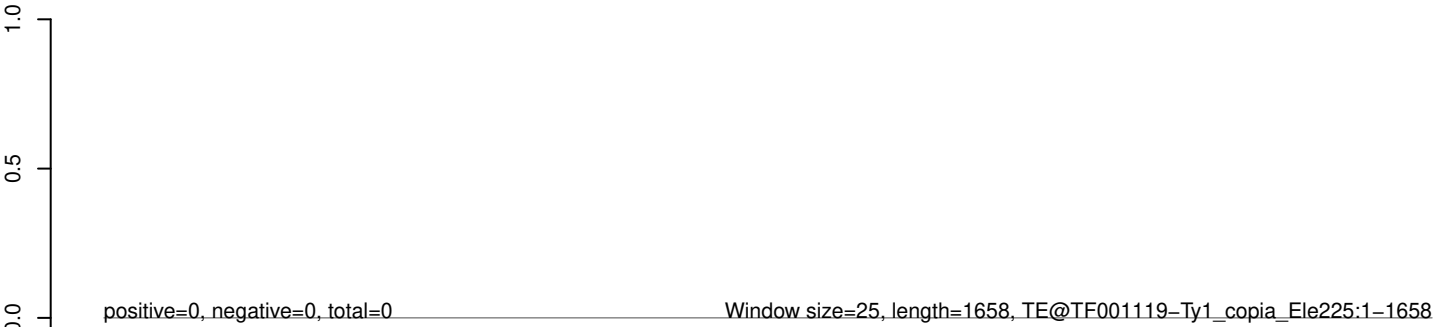
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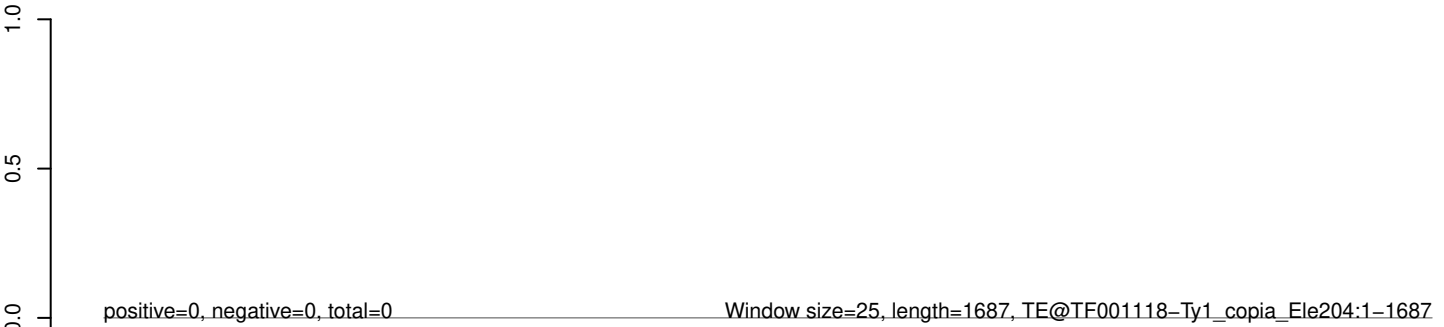
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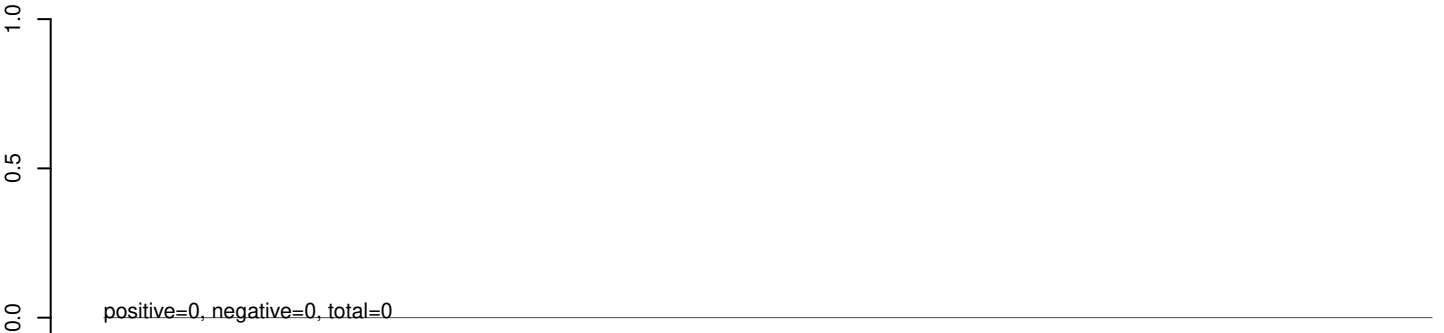
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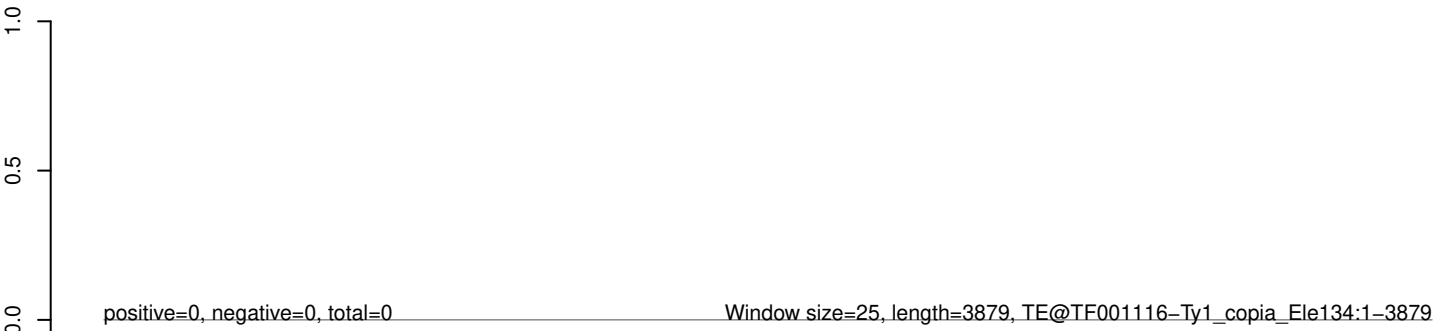
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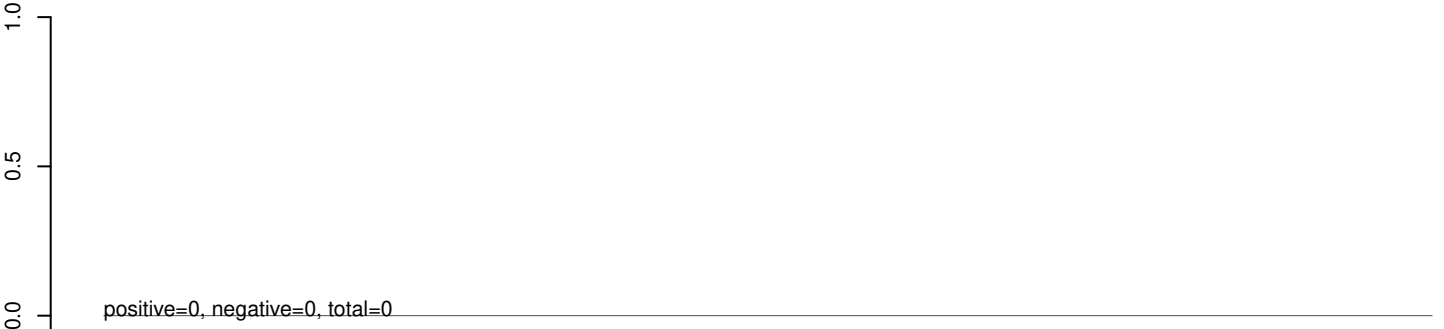
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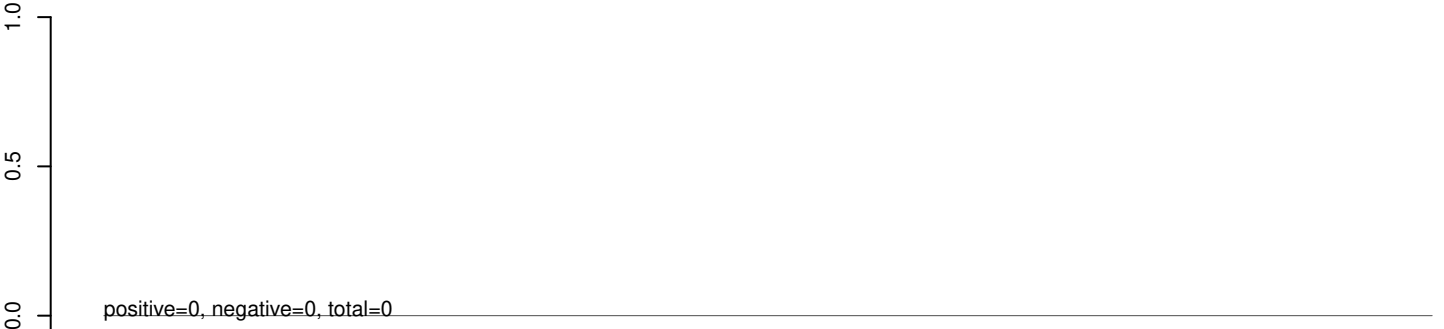
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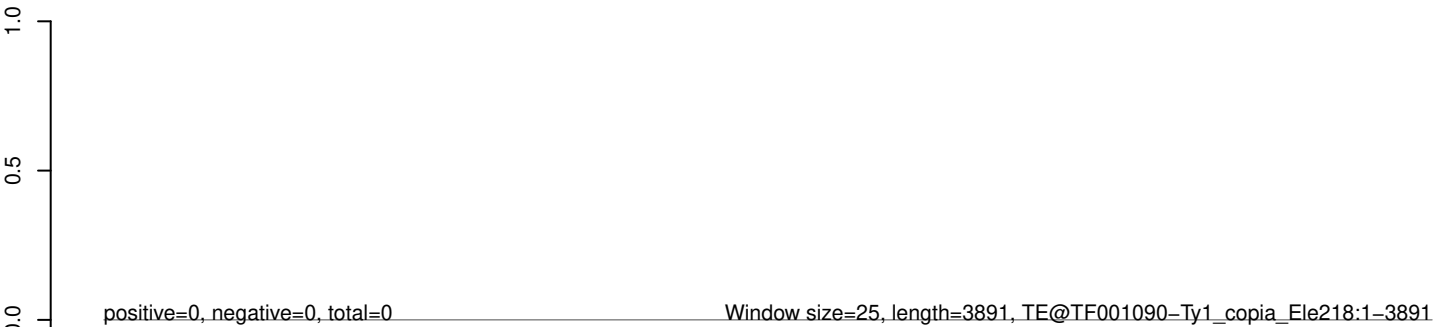
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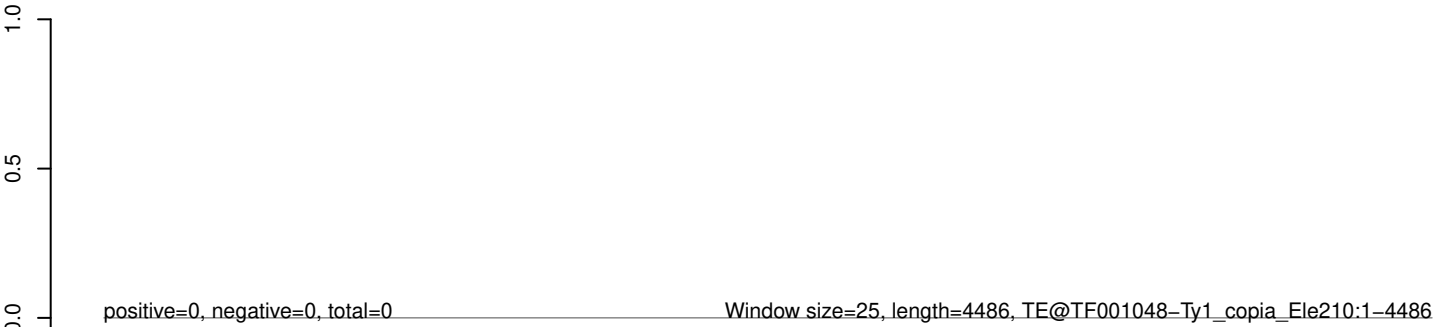
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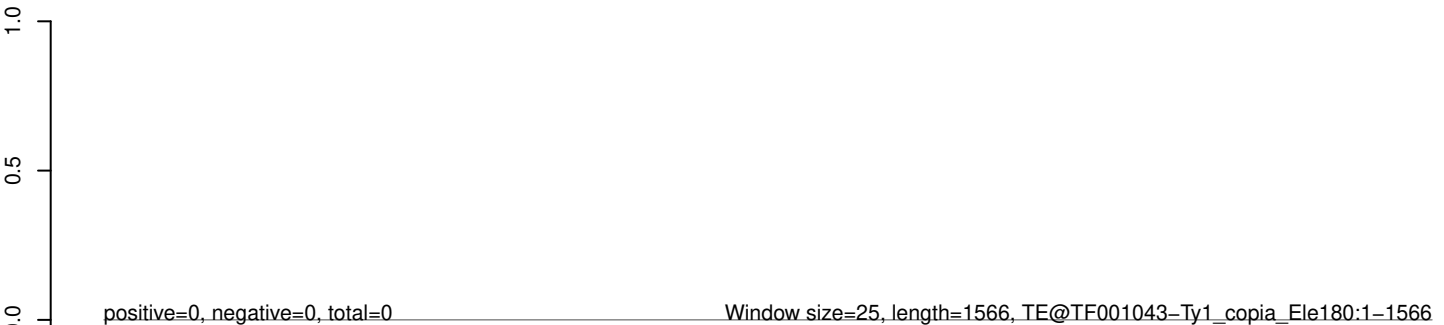
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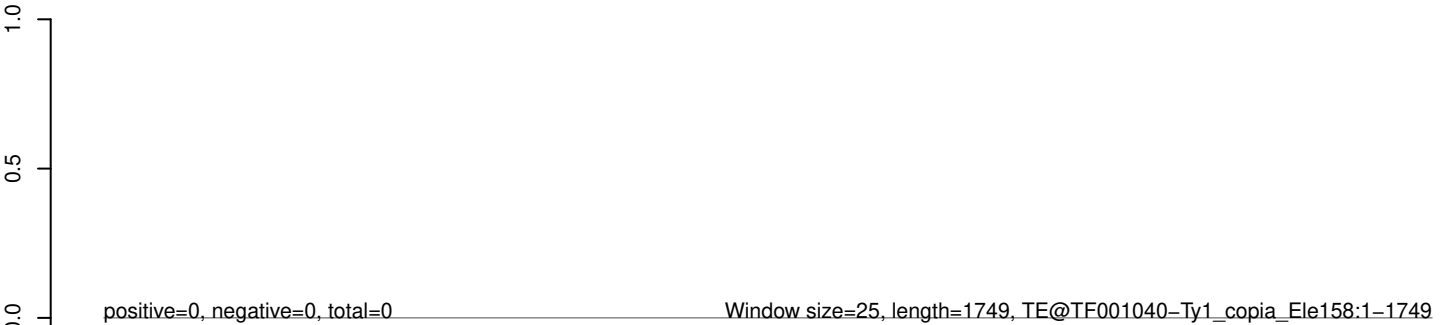
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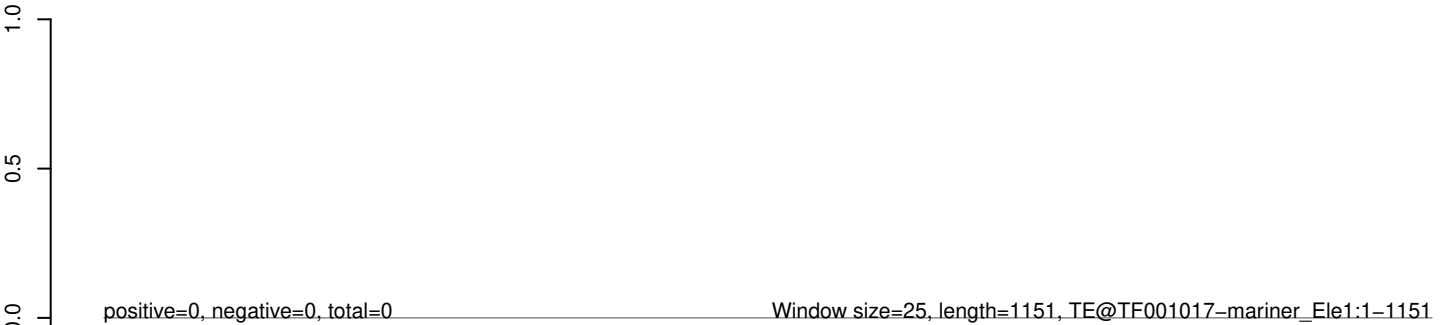
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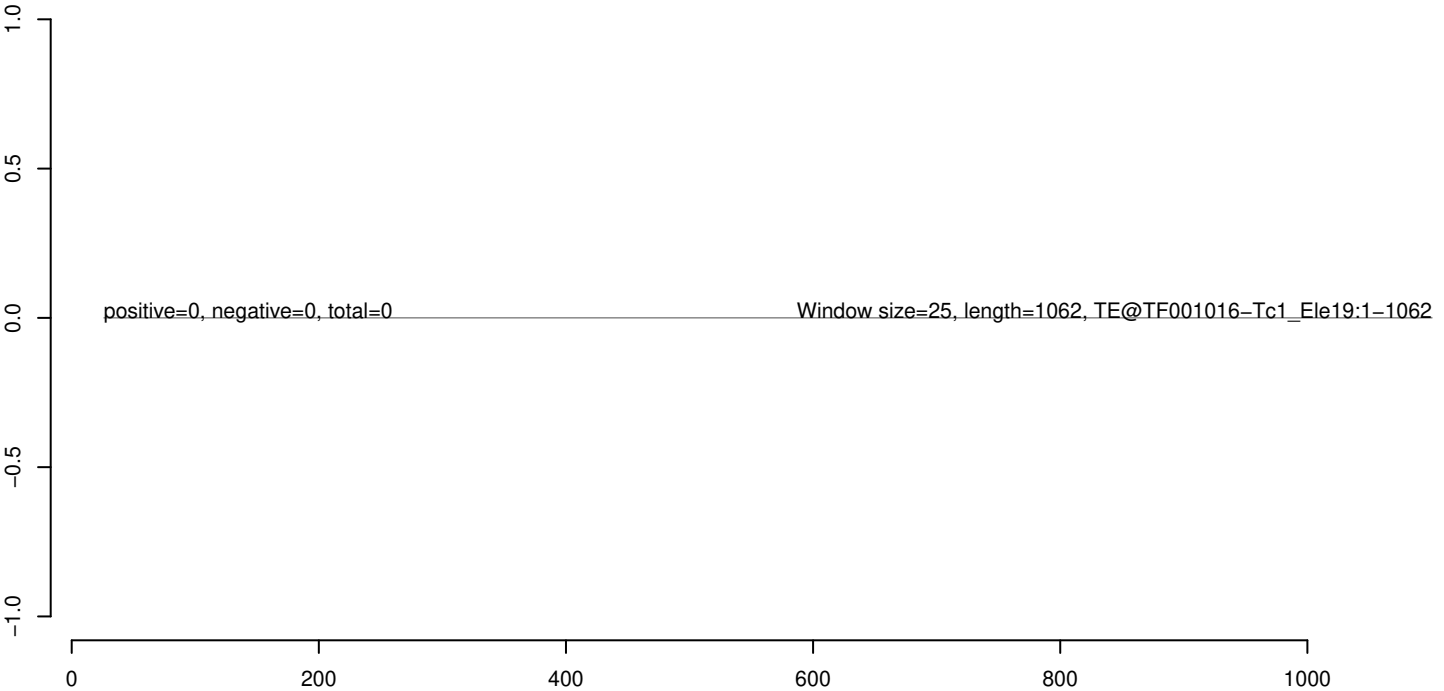
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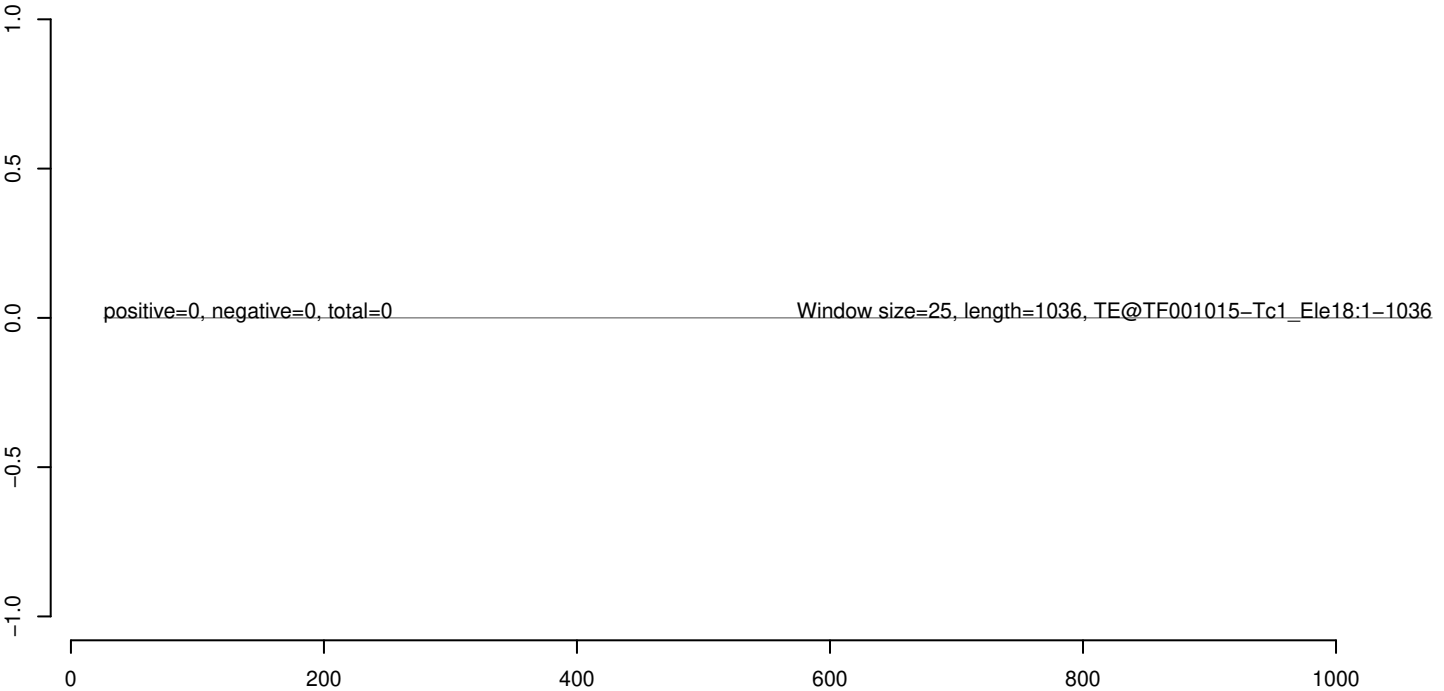
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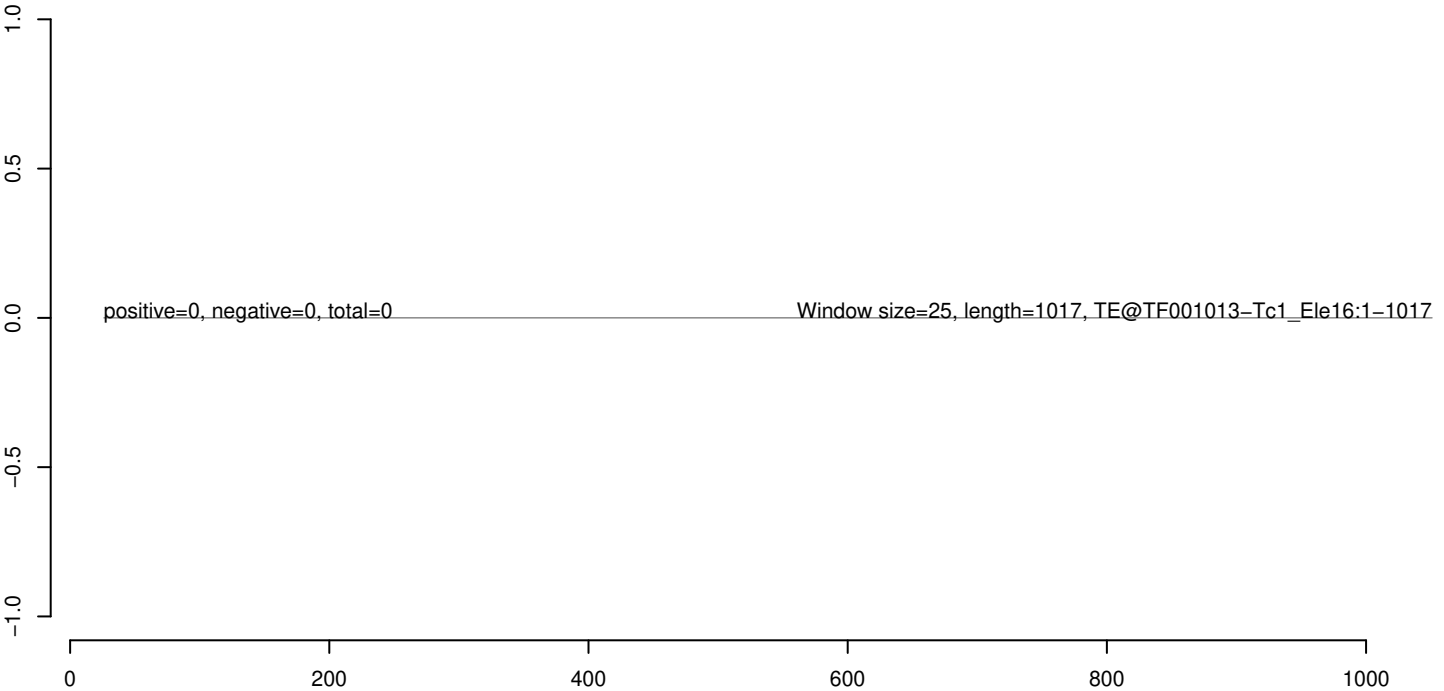
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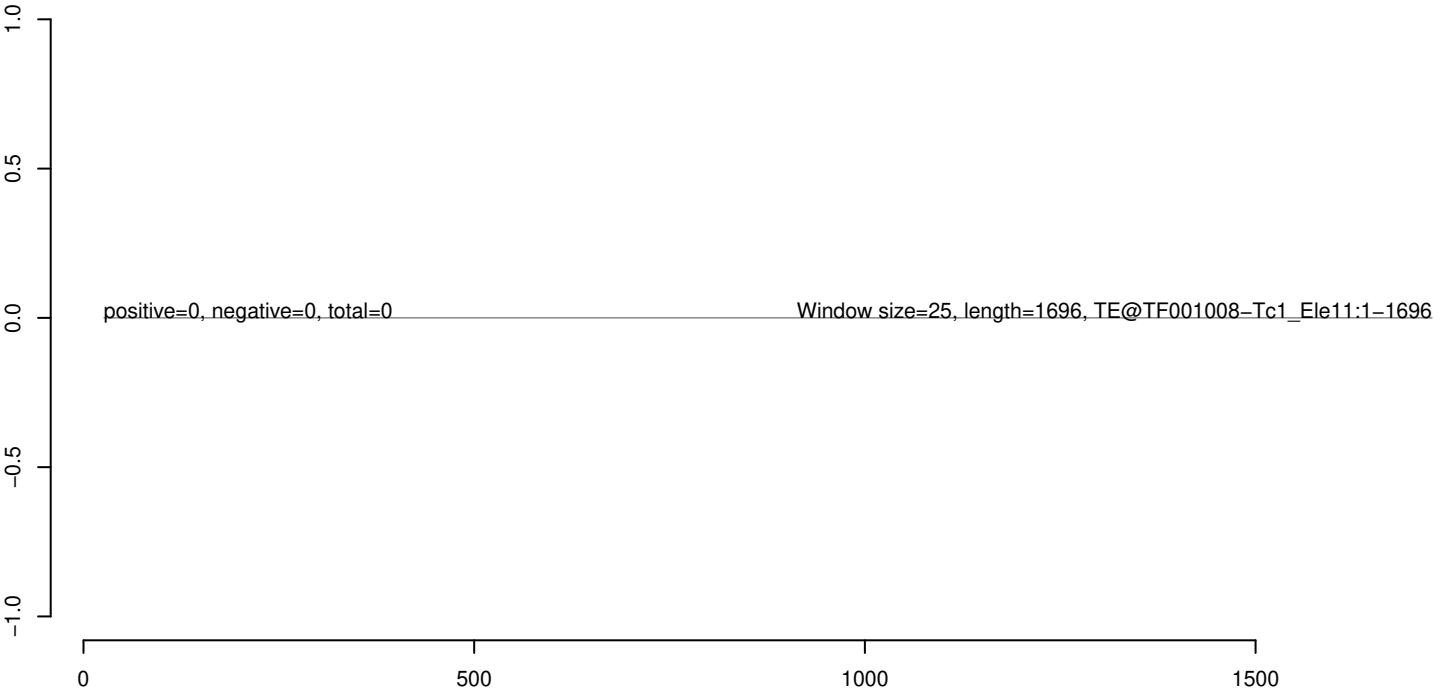
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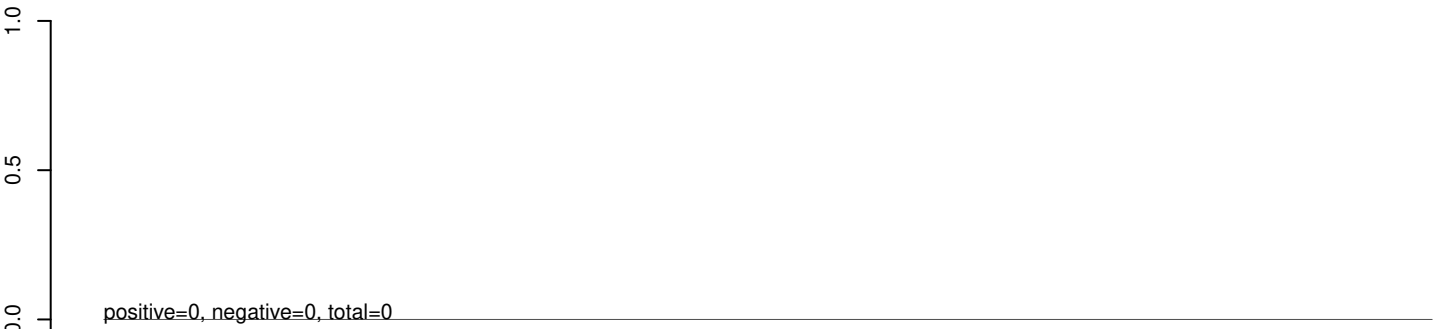
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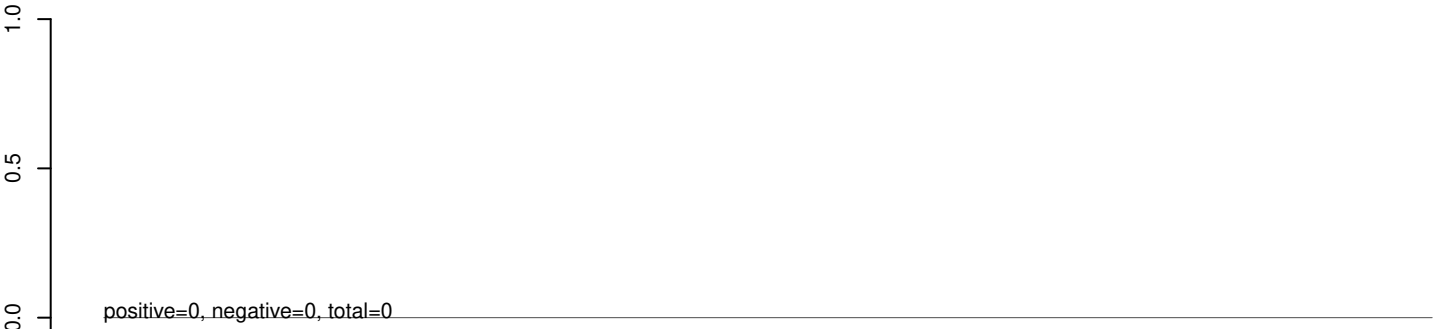
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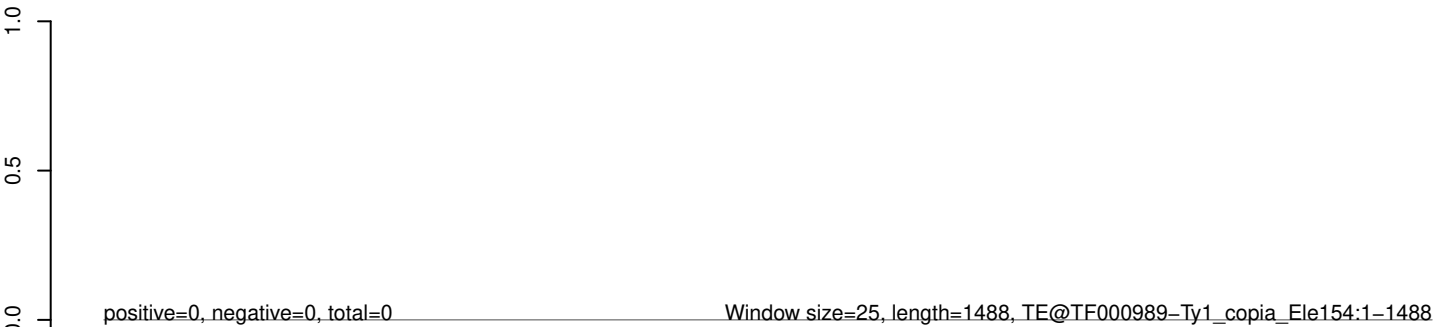
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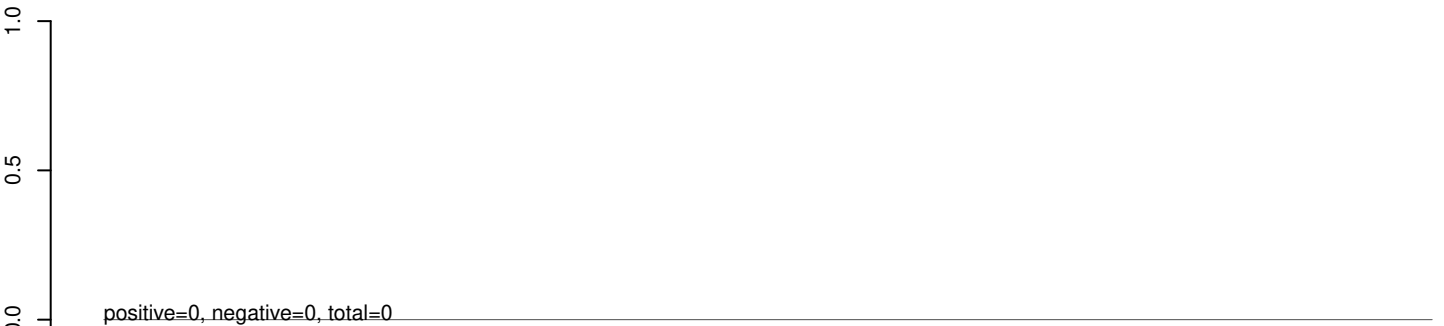
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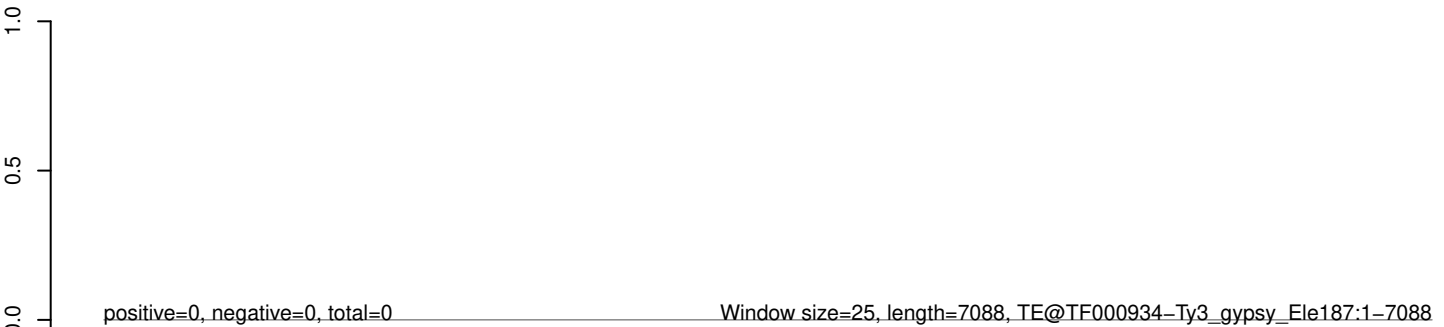
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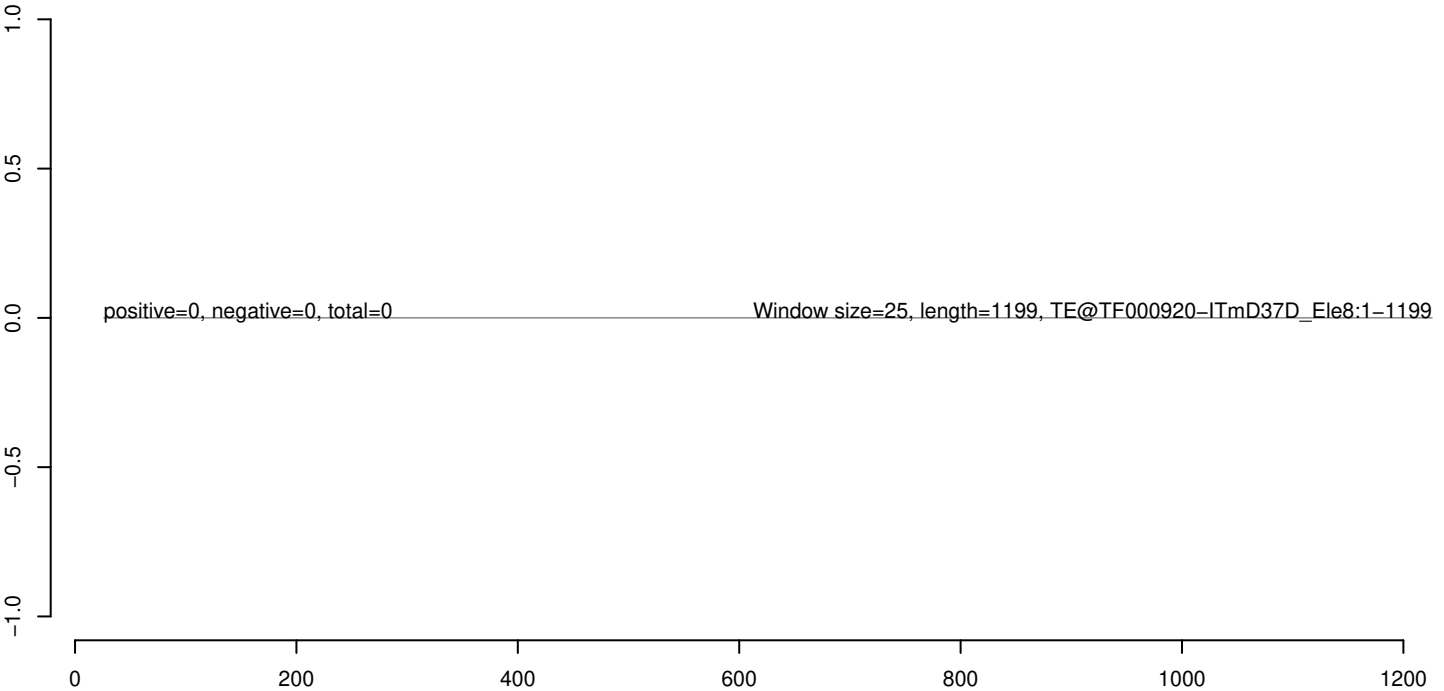
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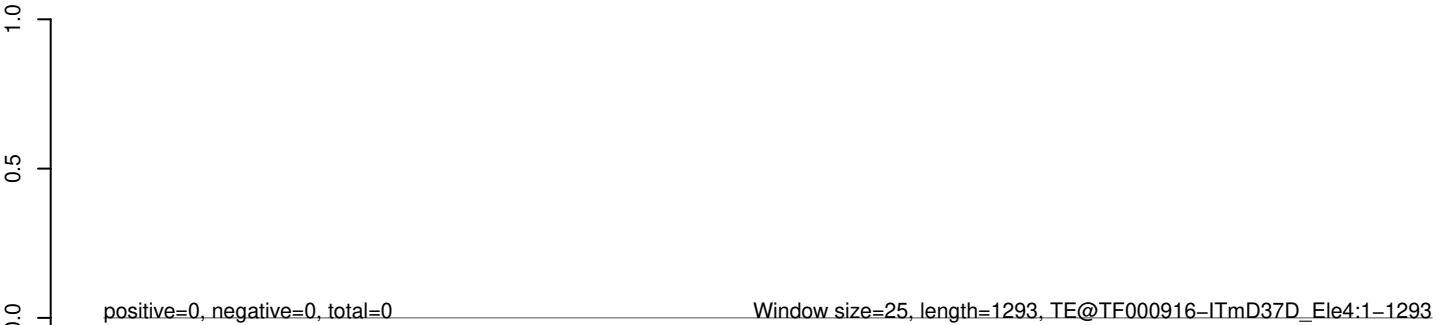
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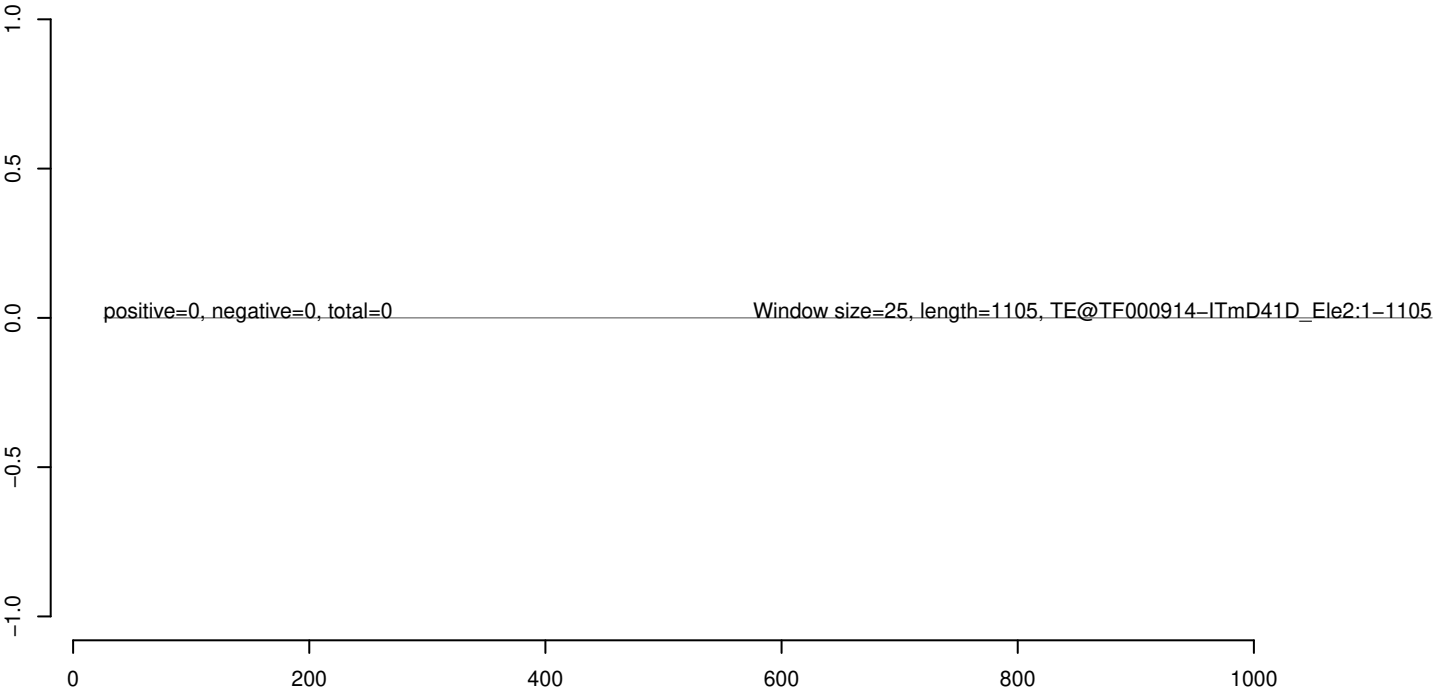
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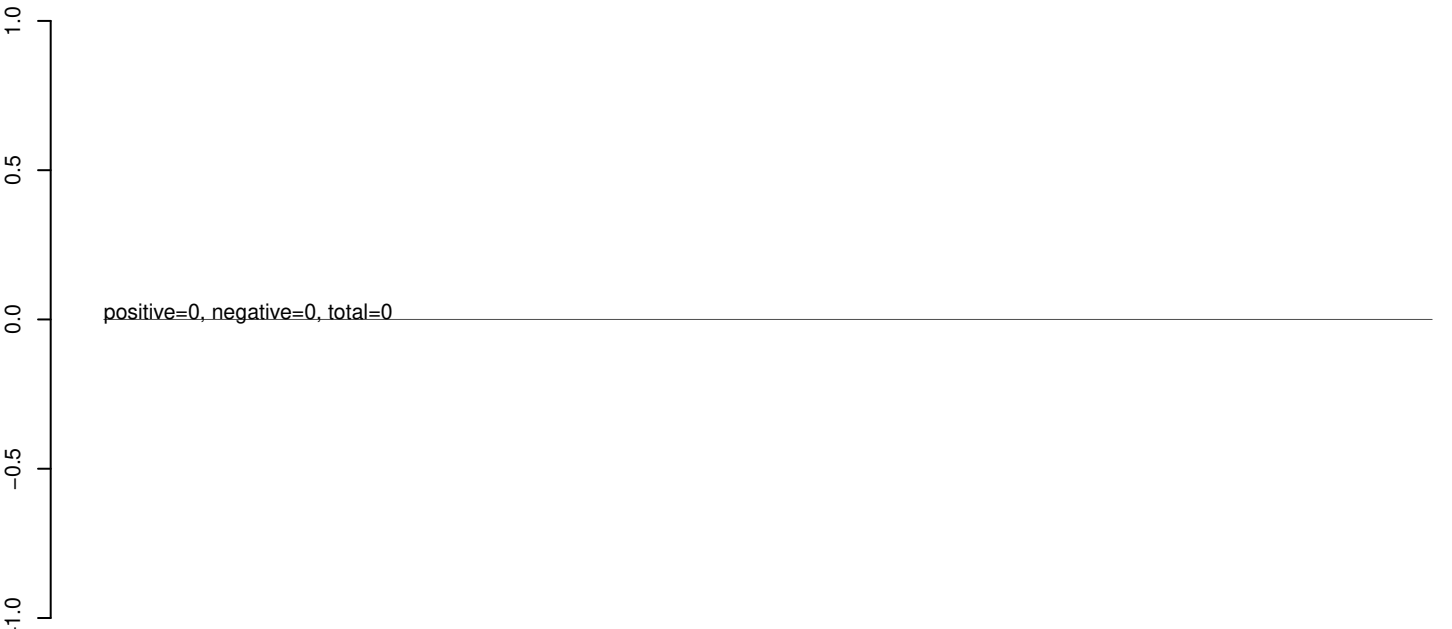
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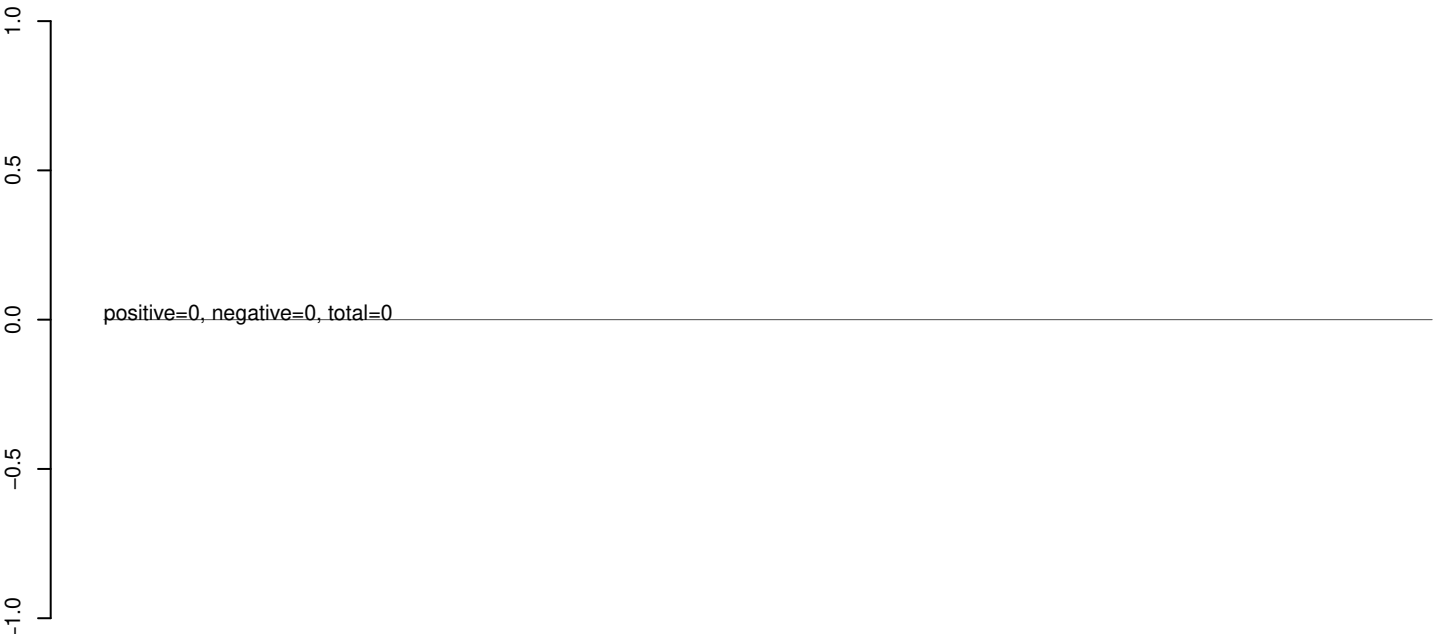
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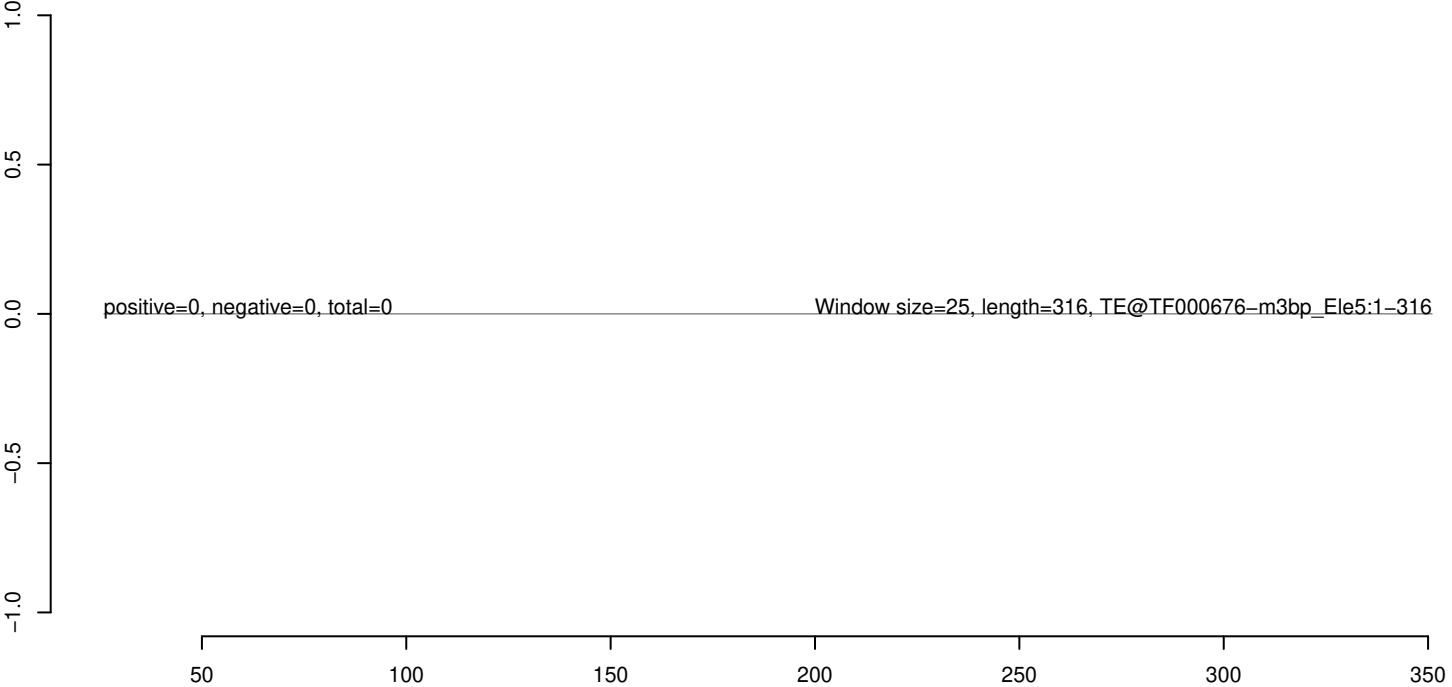
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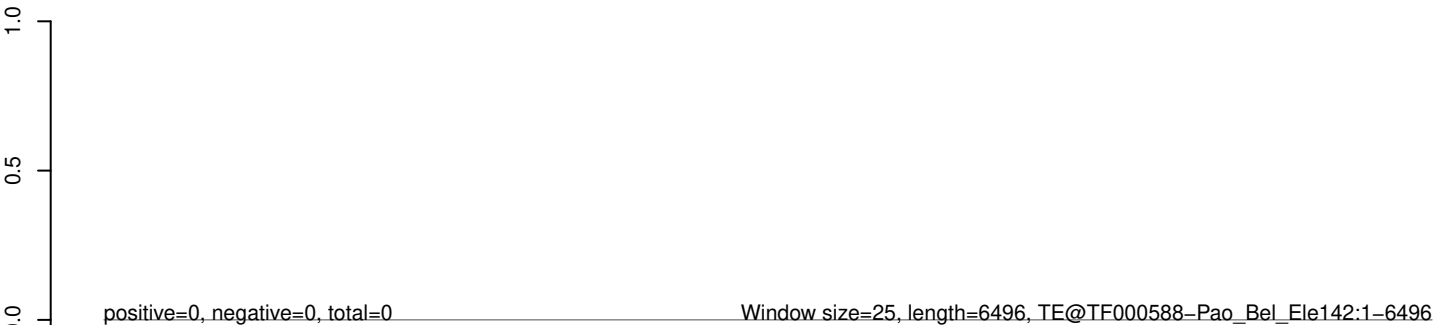
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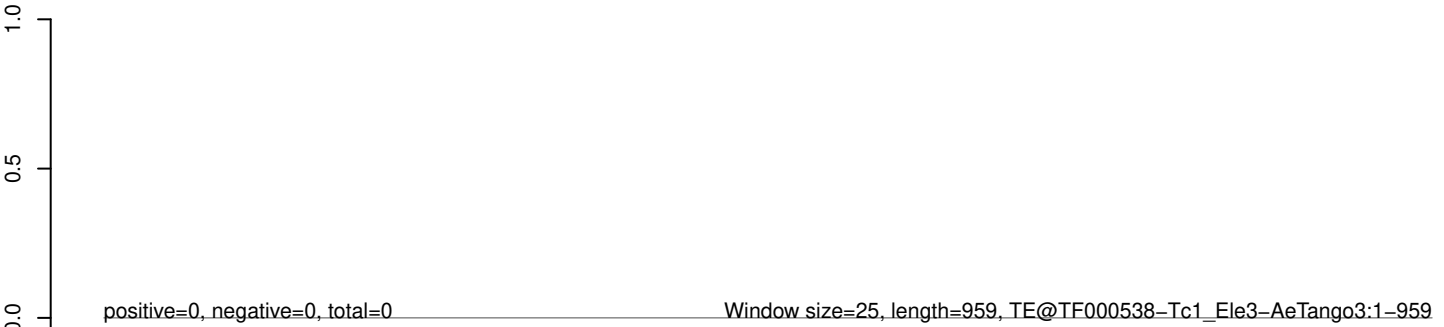
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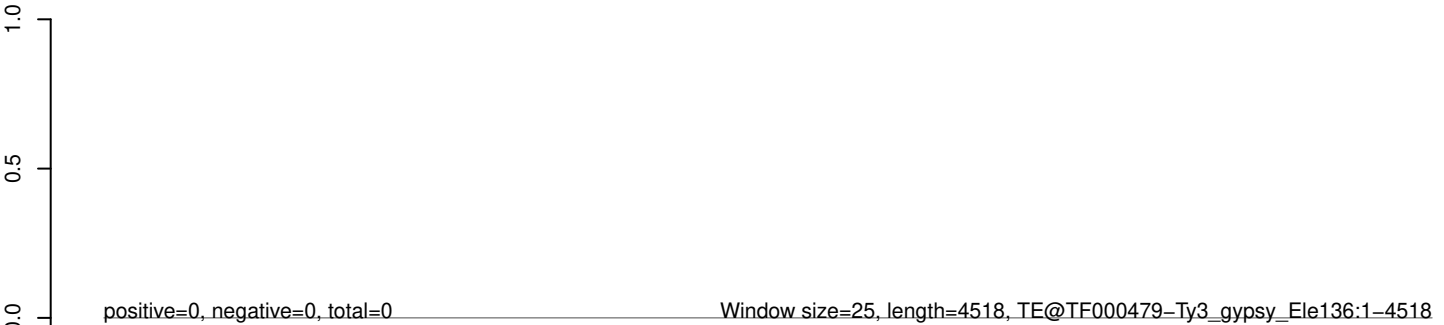
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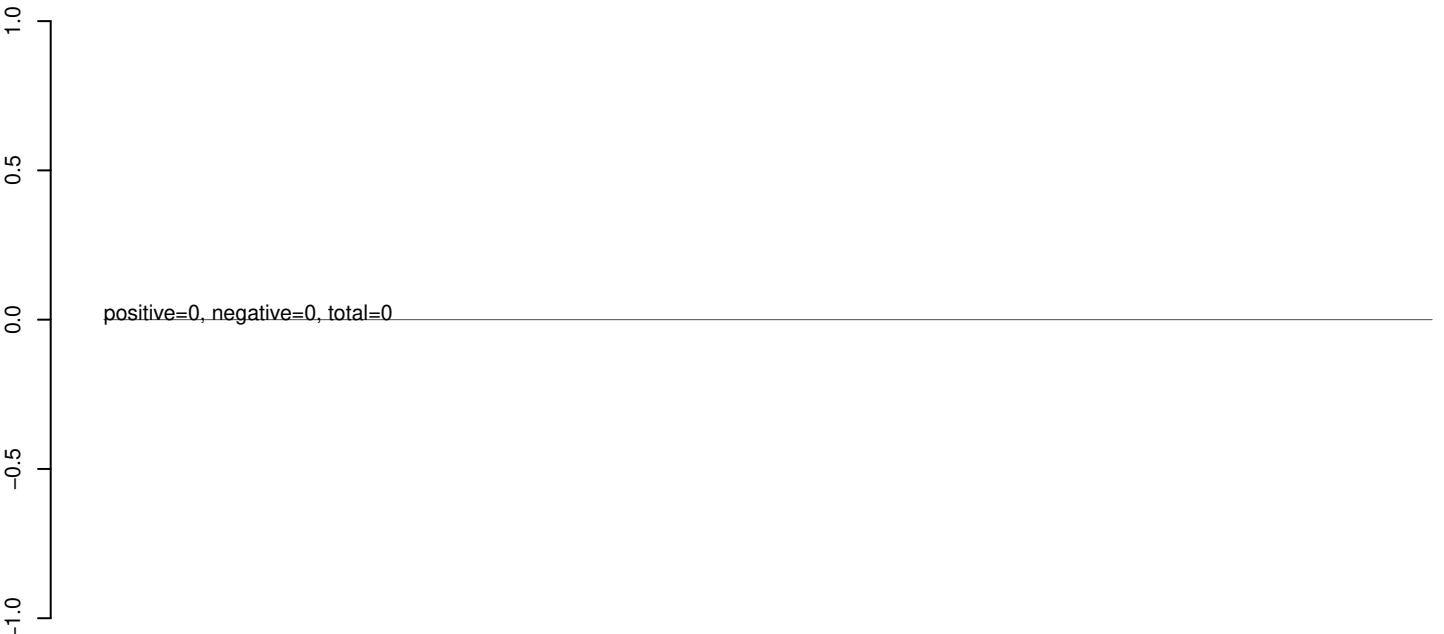
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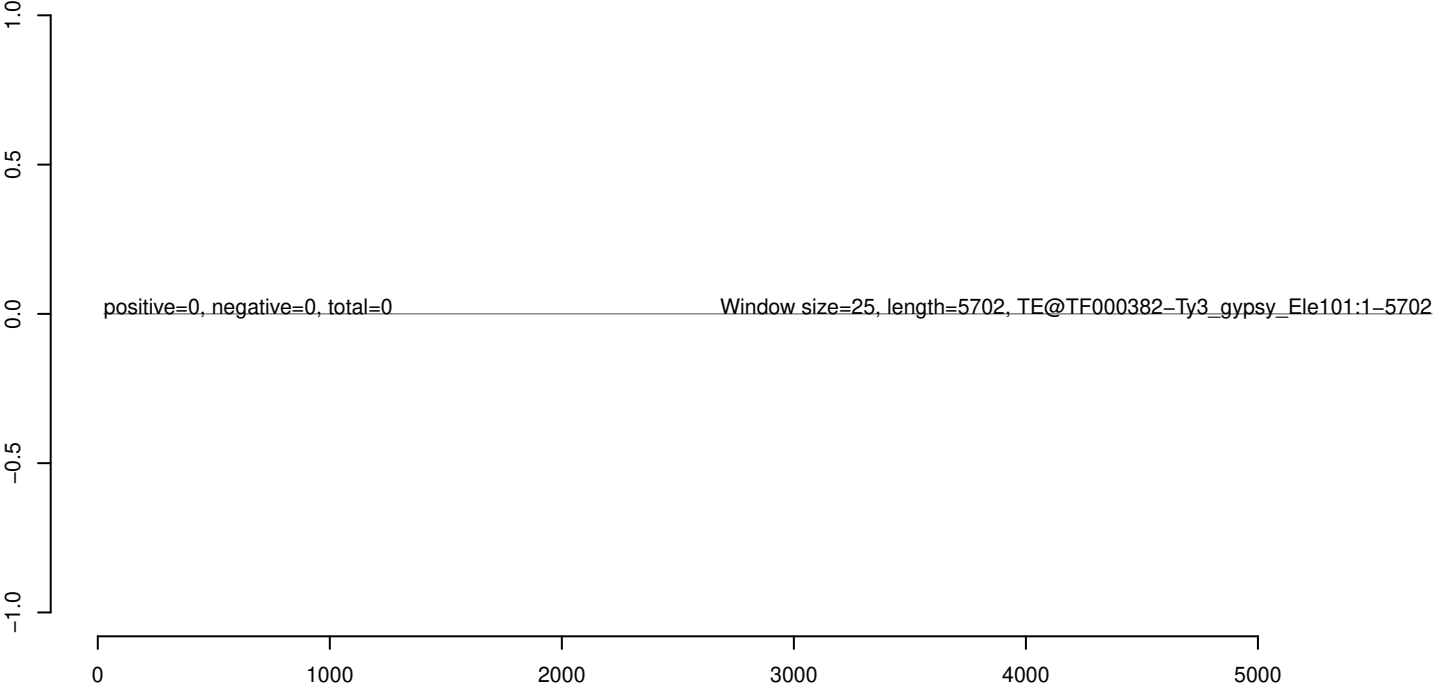
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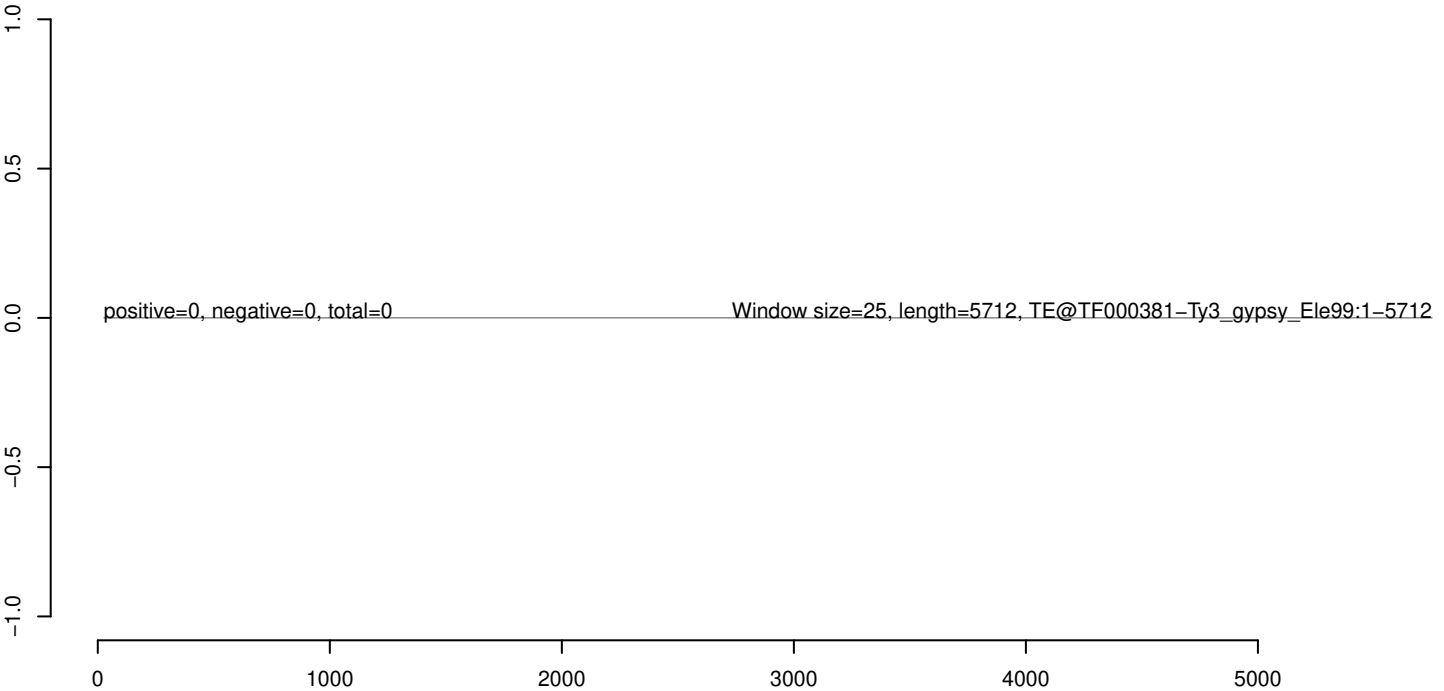
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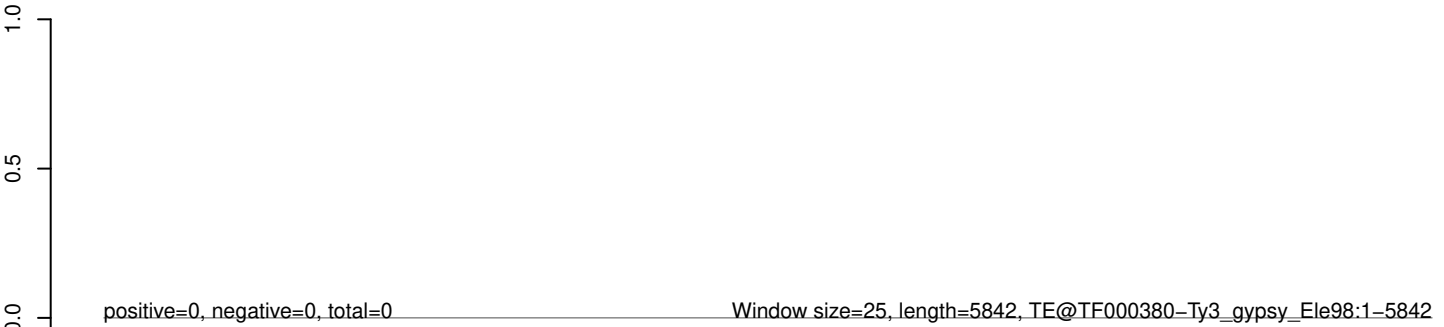
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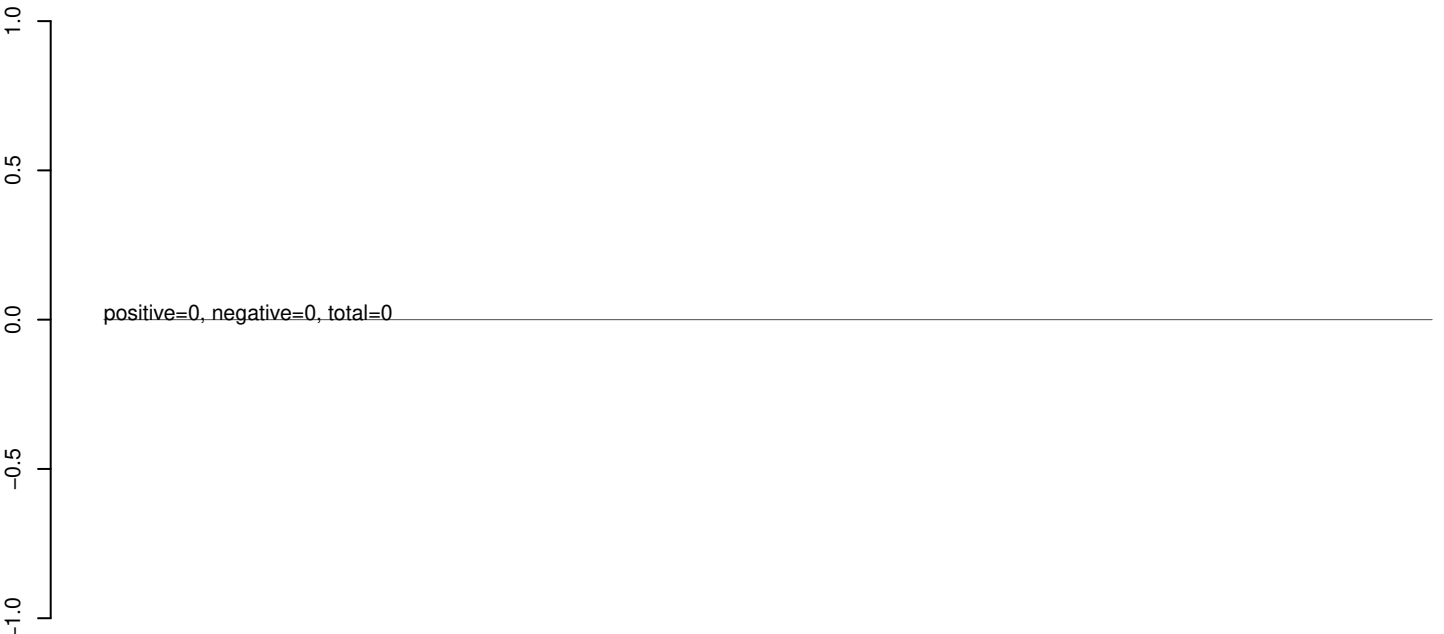
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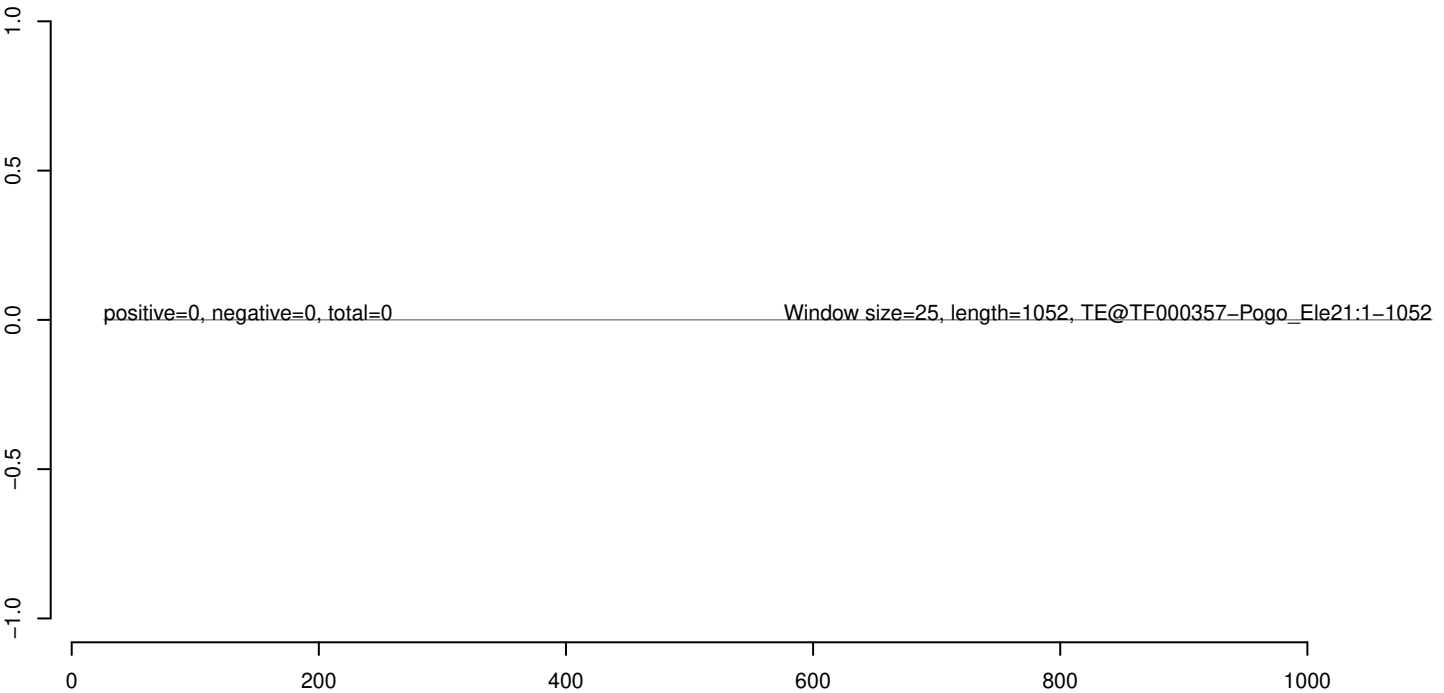
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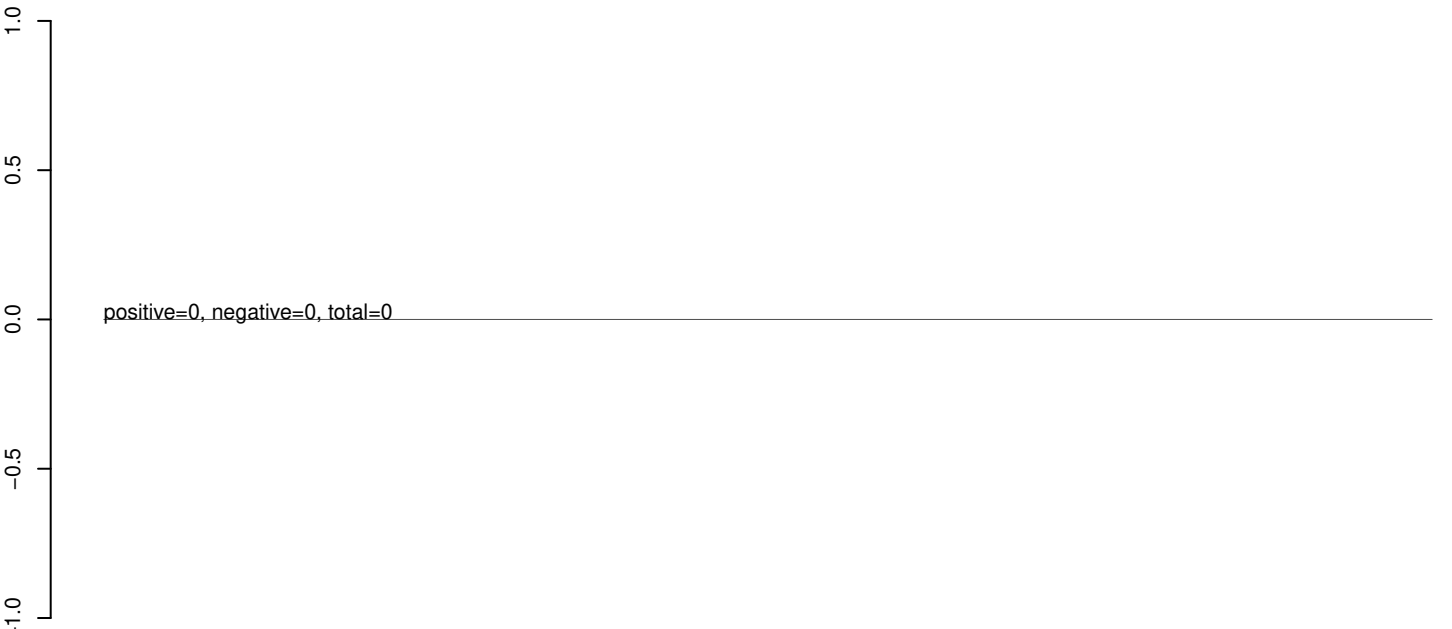


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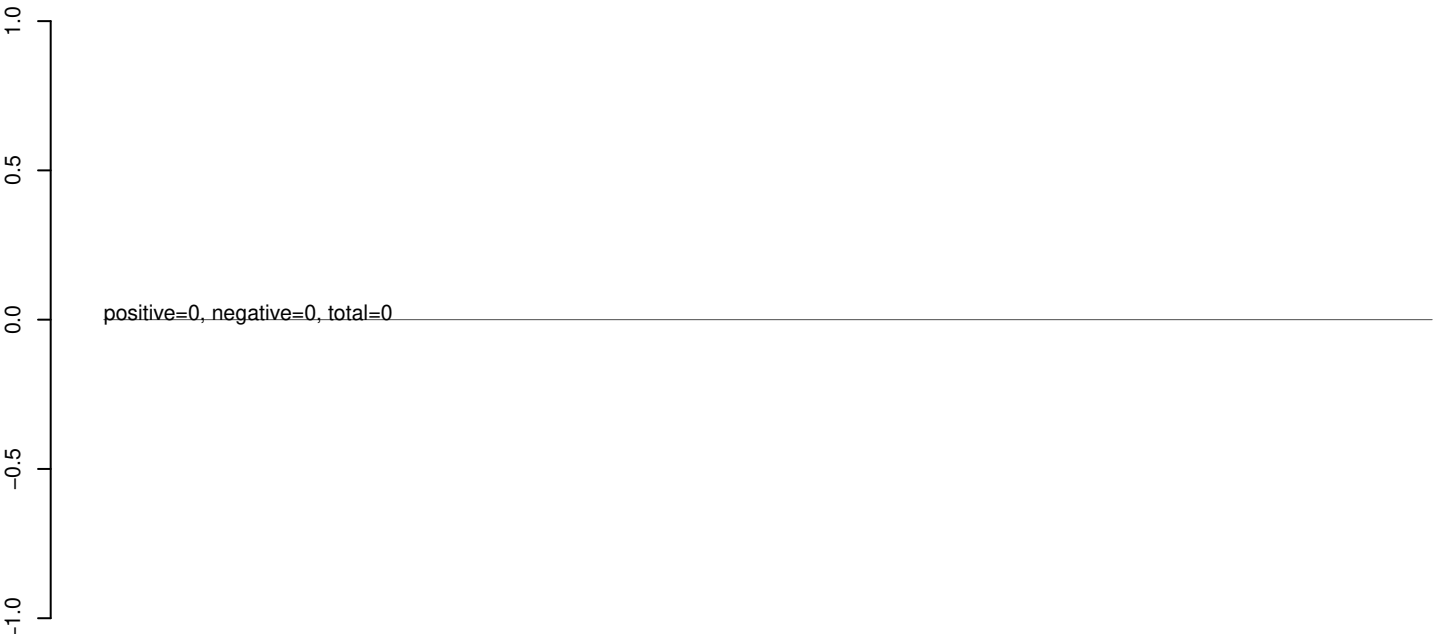


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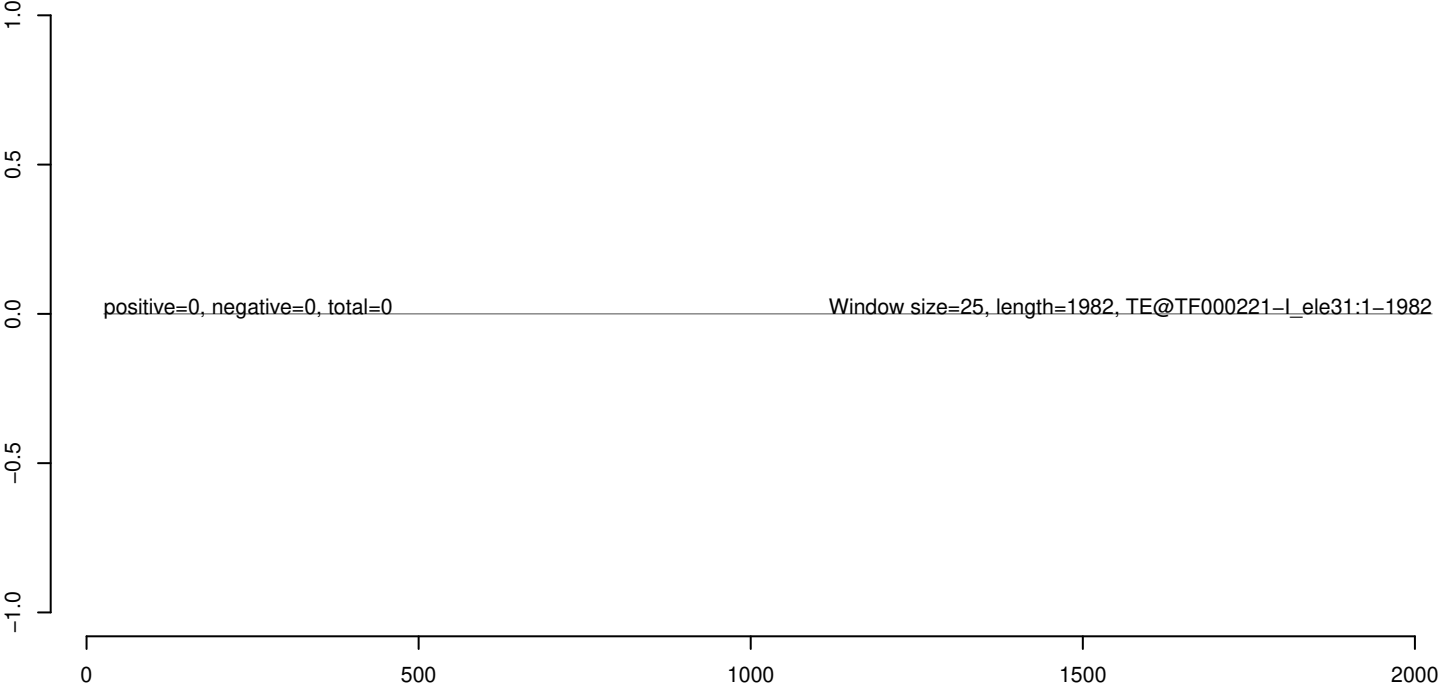
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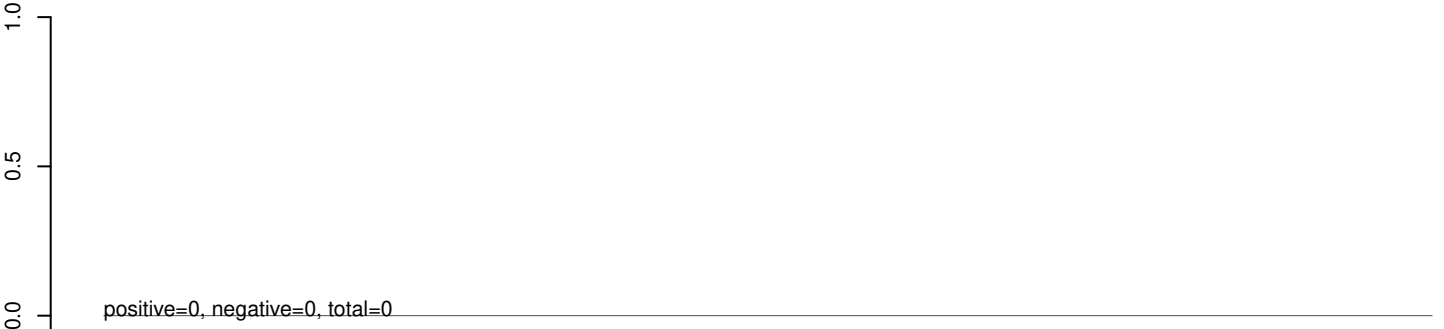
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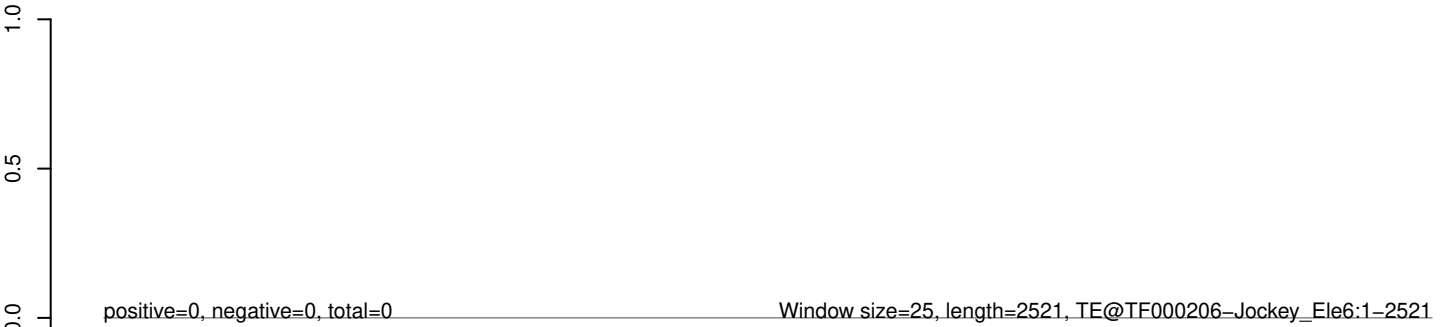
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**





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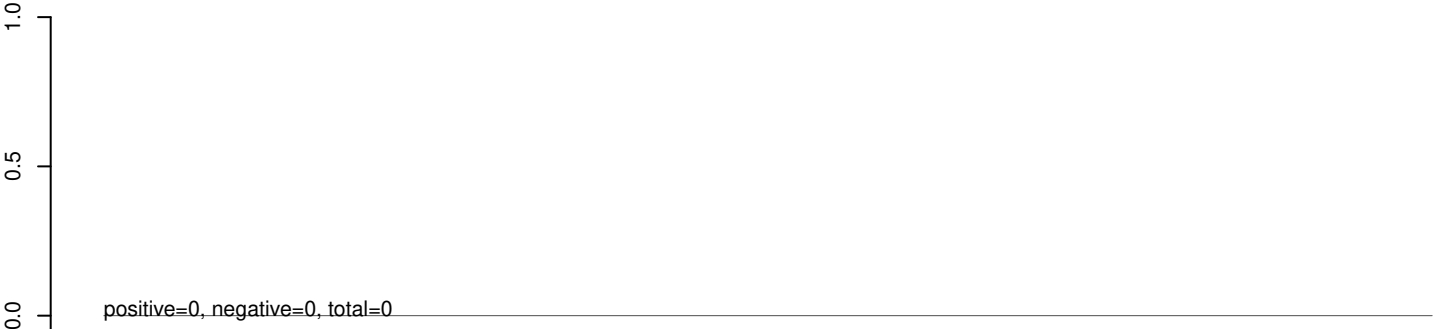


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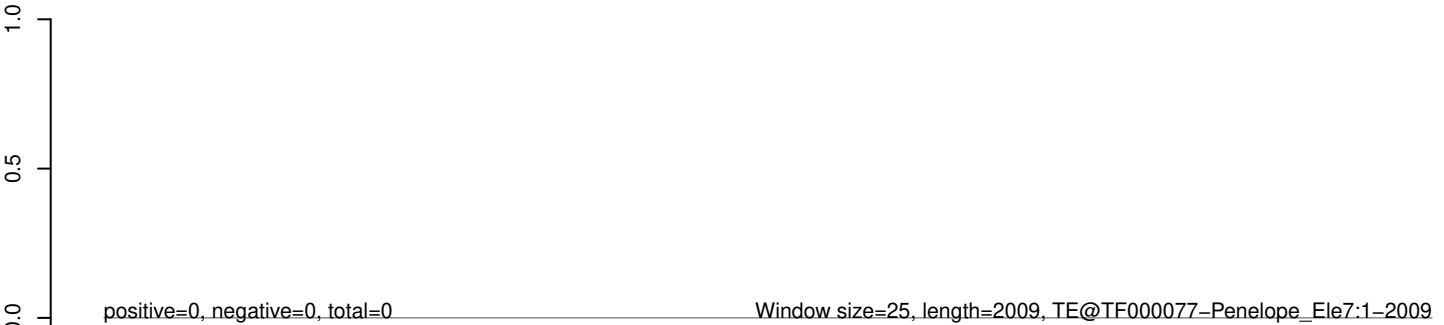
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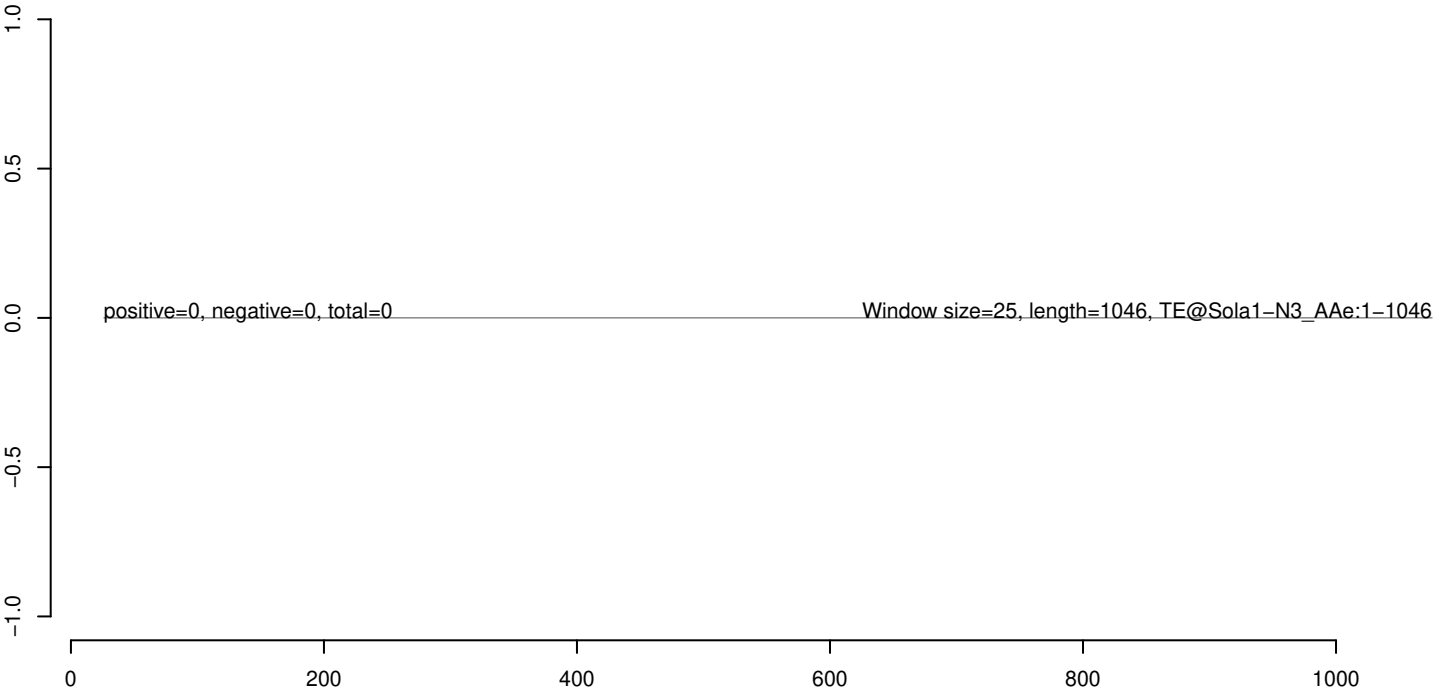
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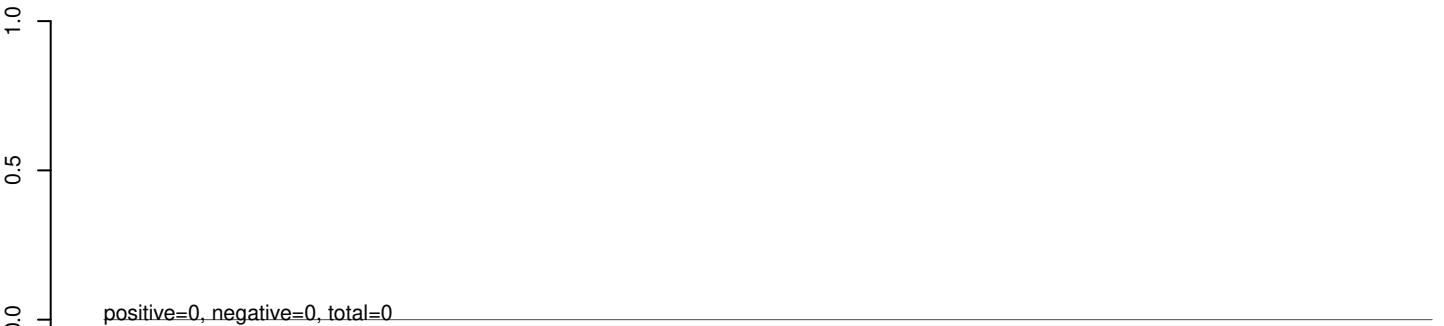




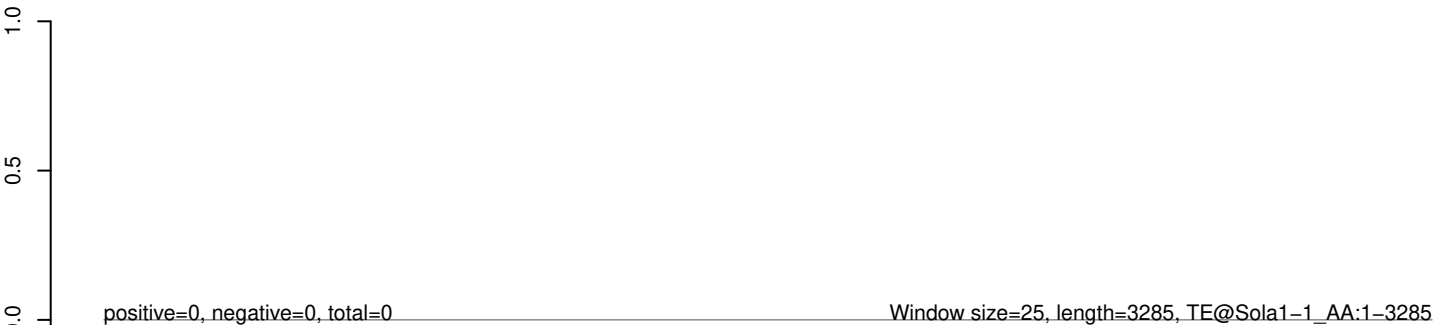
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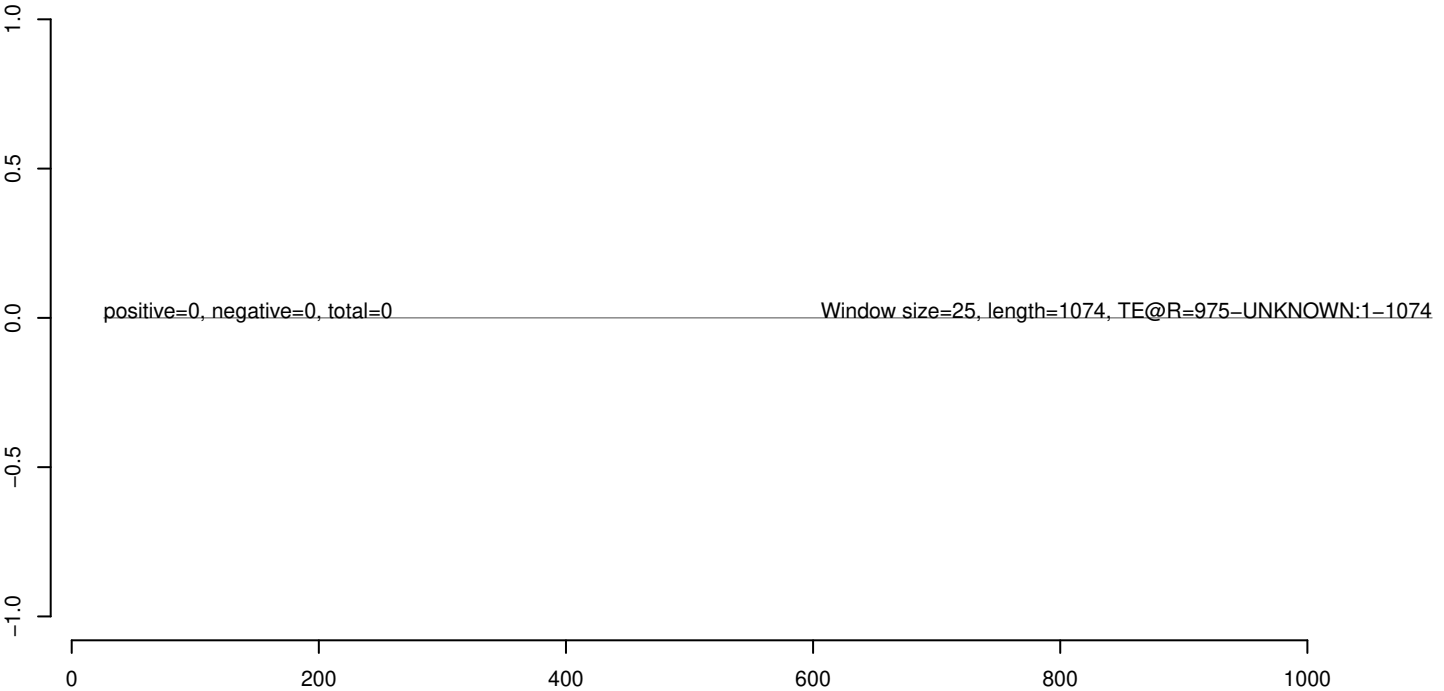
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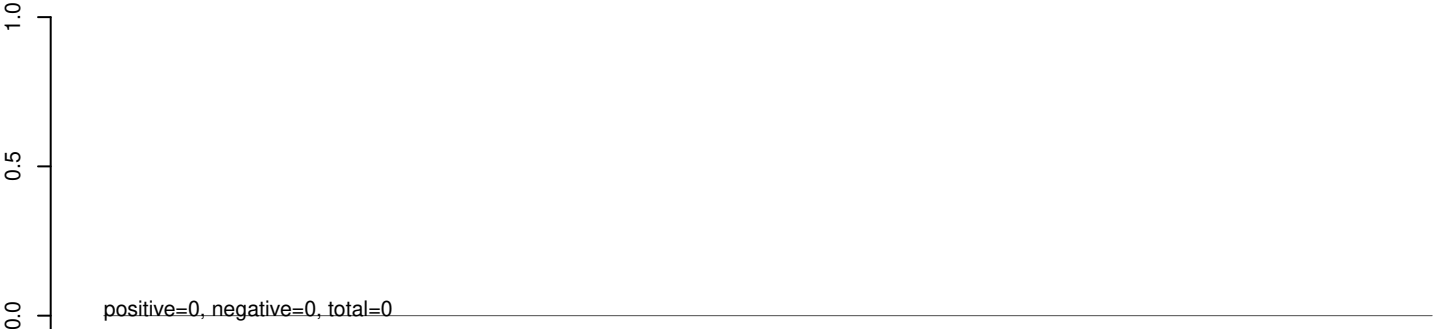
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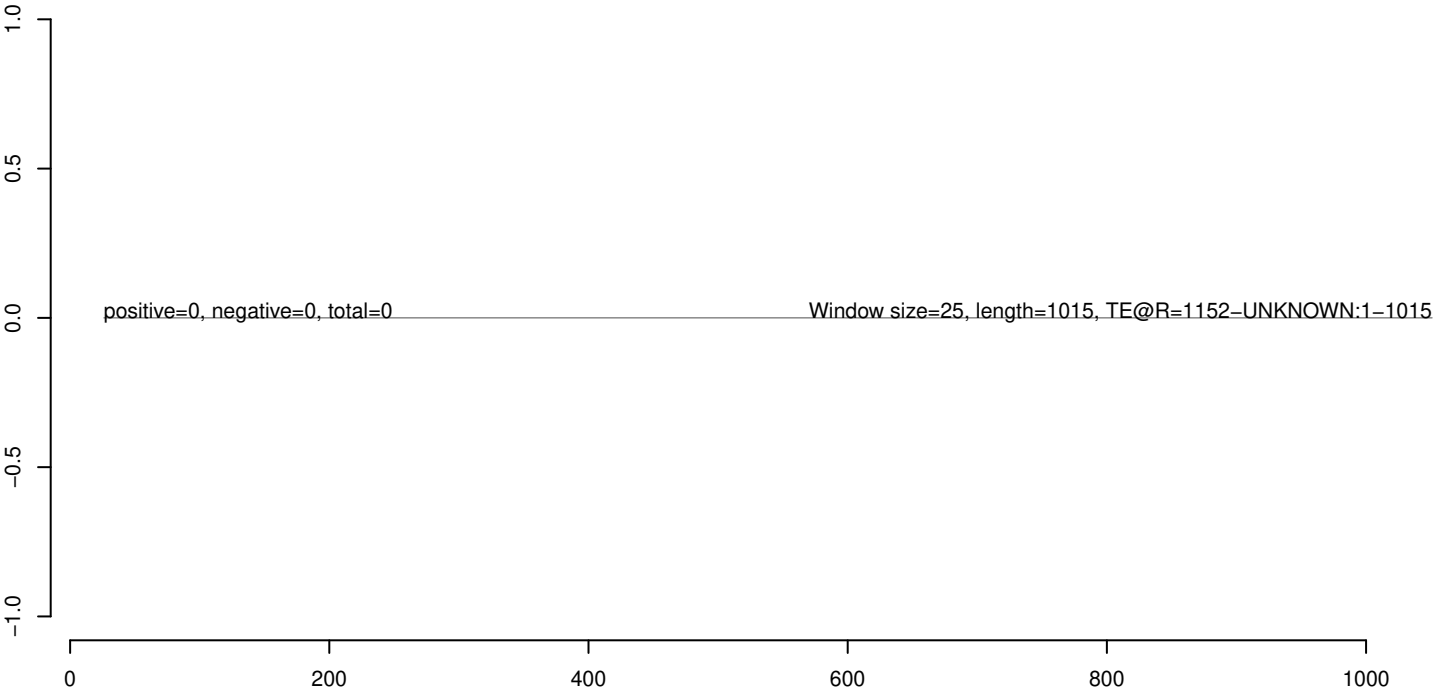
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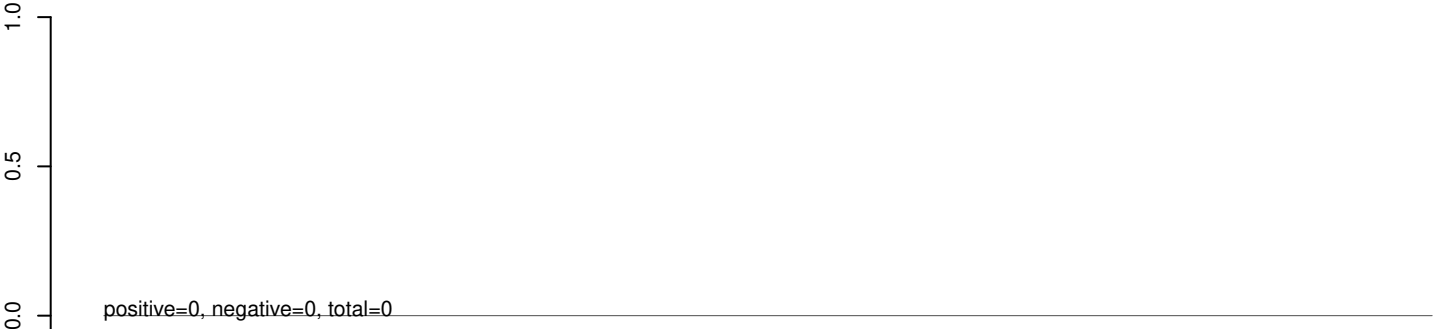


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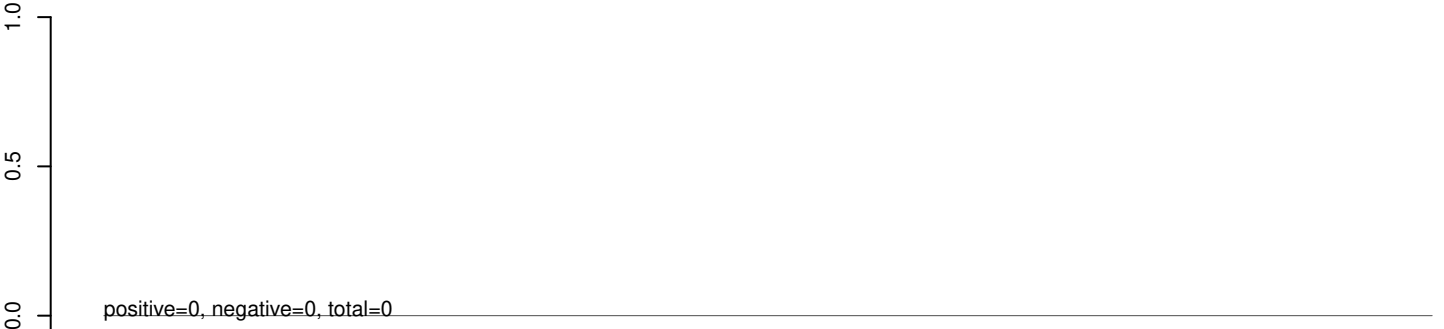


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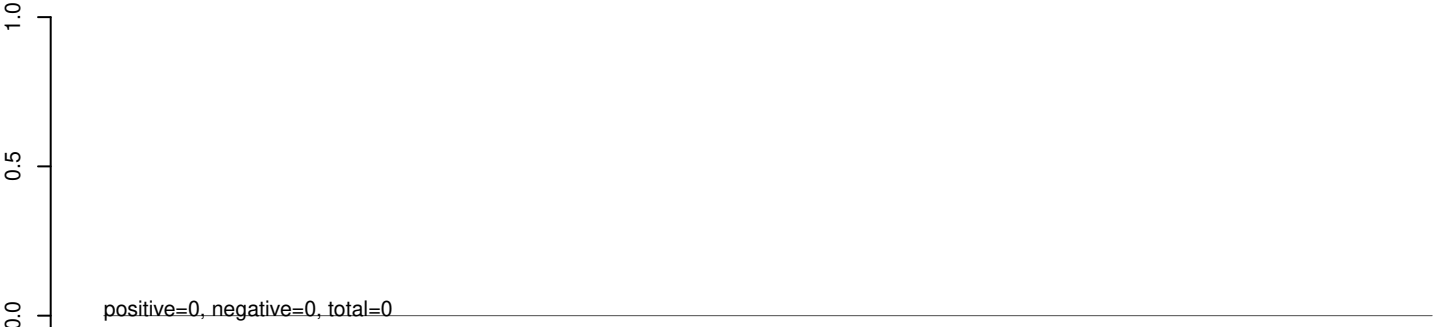
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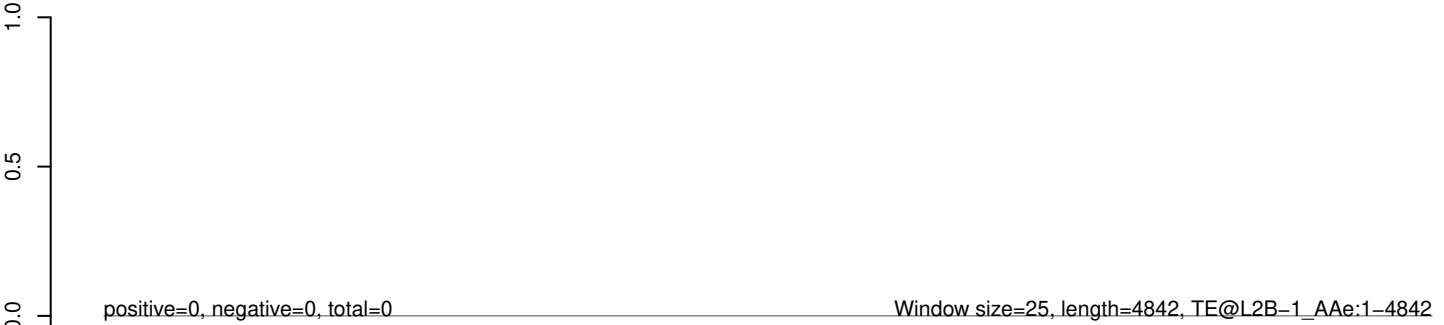
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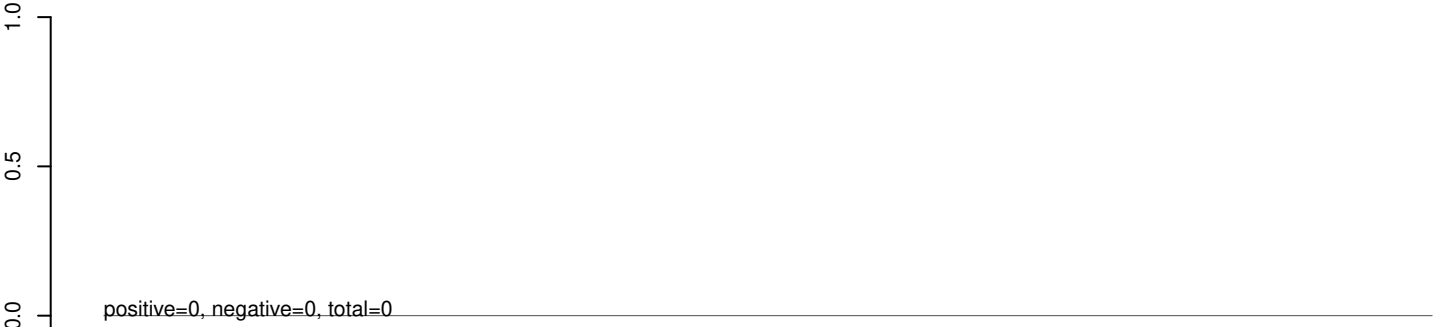




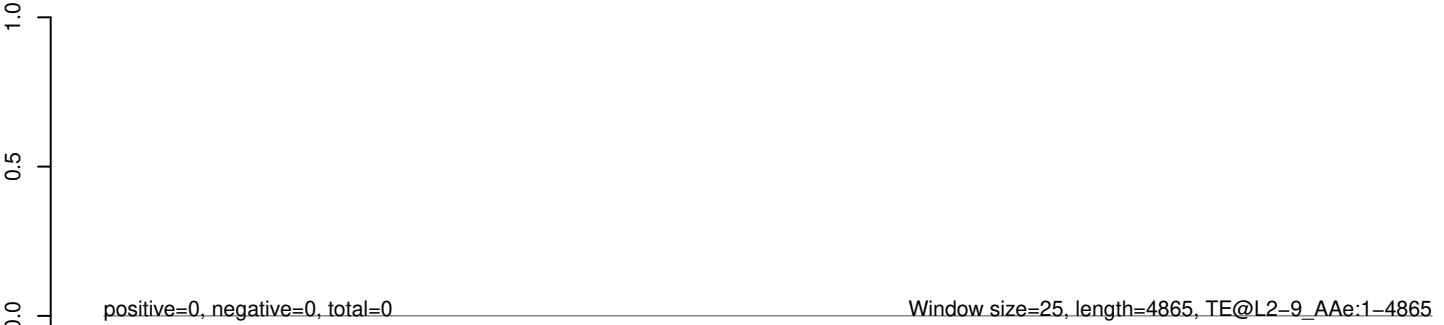
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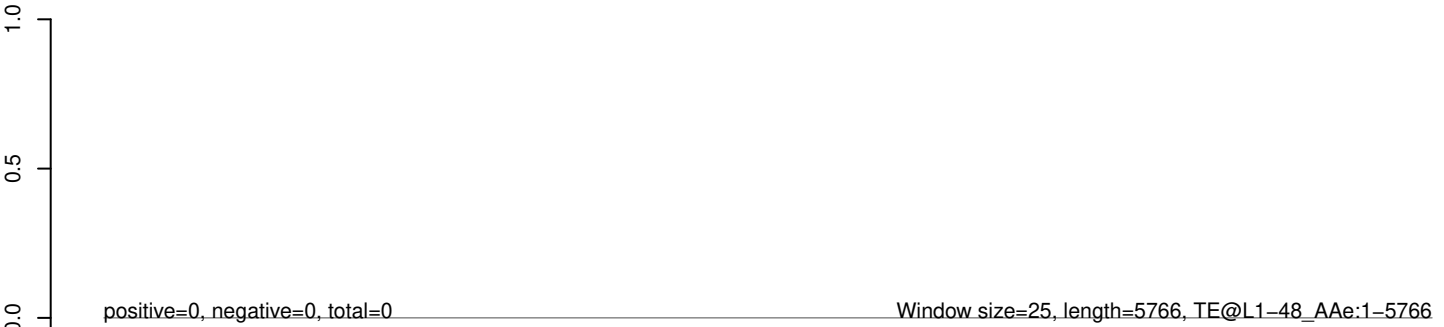
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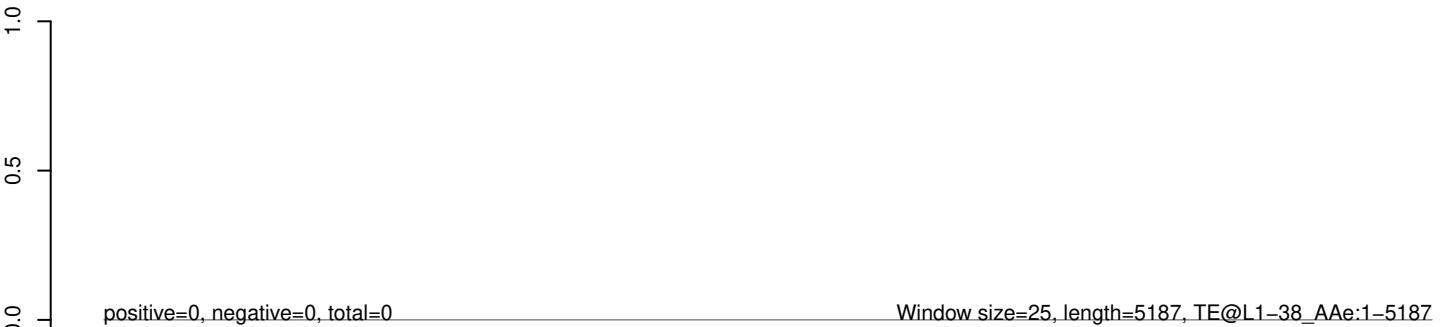
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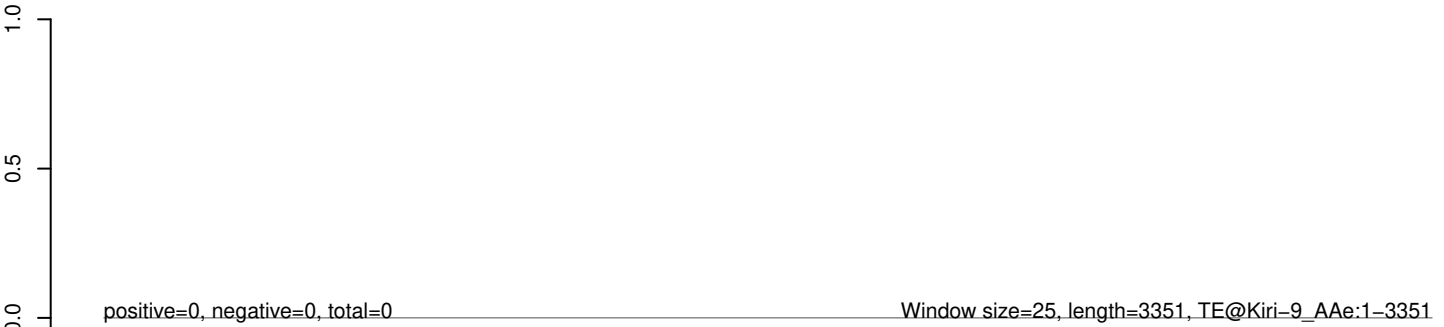
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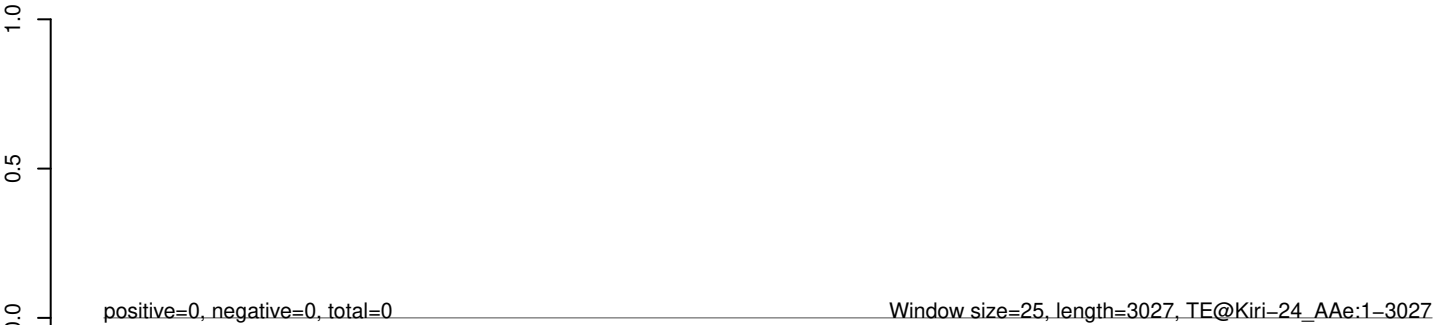
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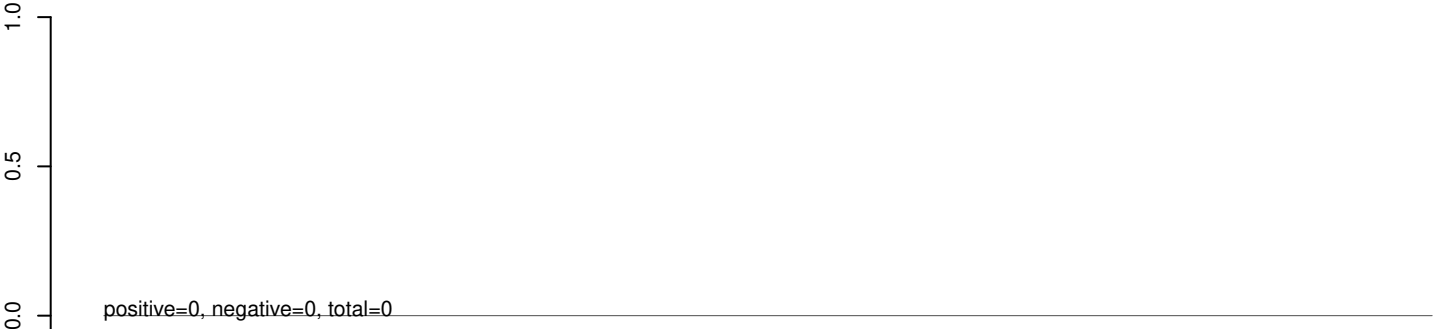
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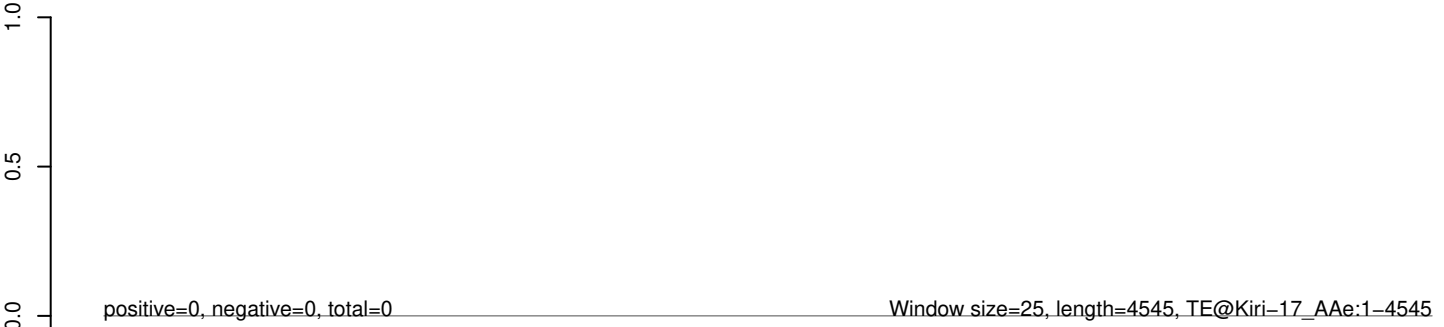
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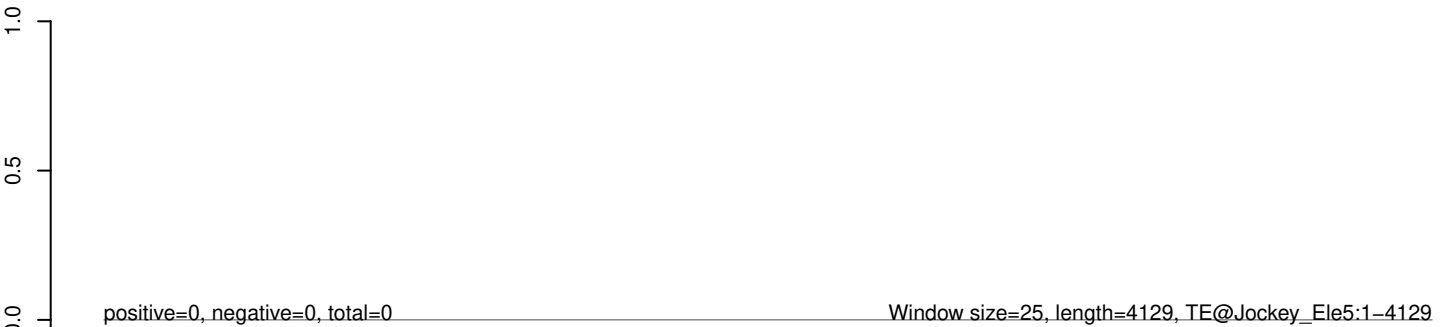
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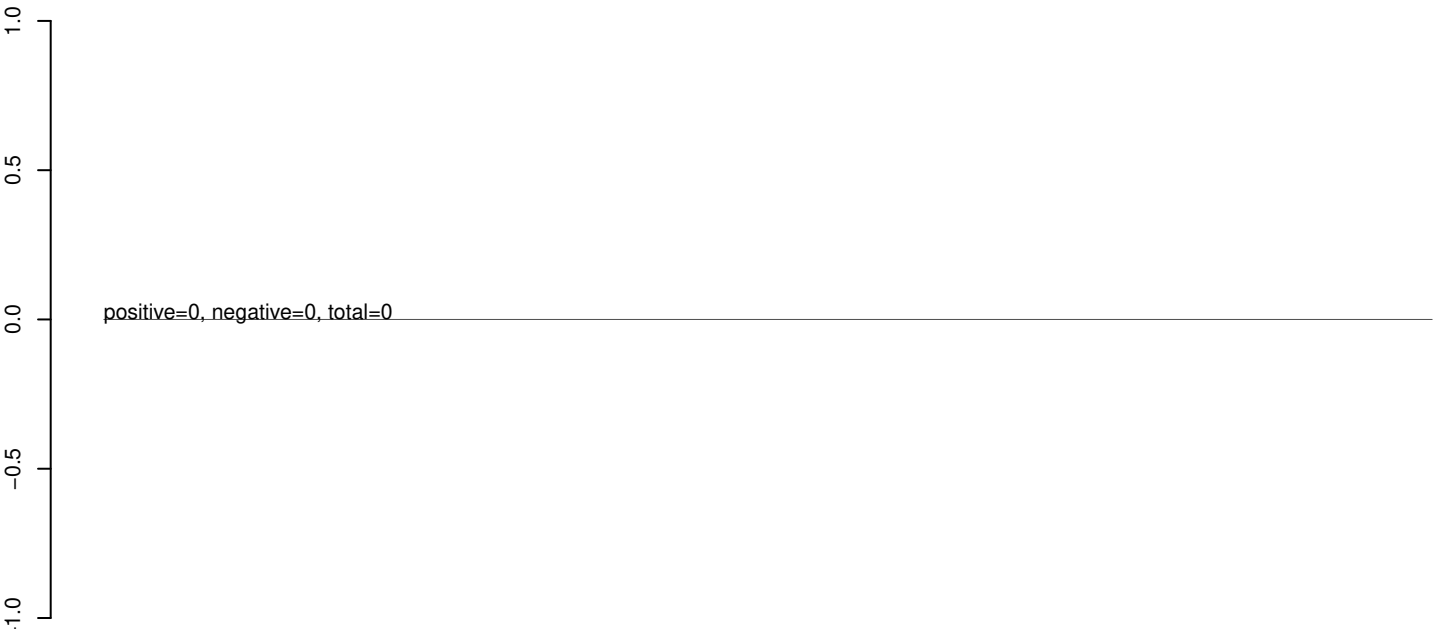
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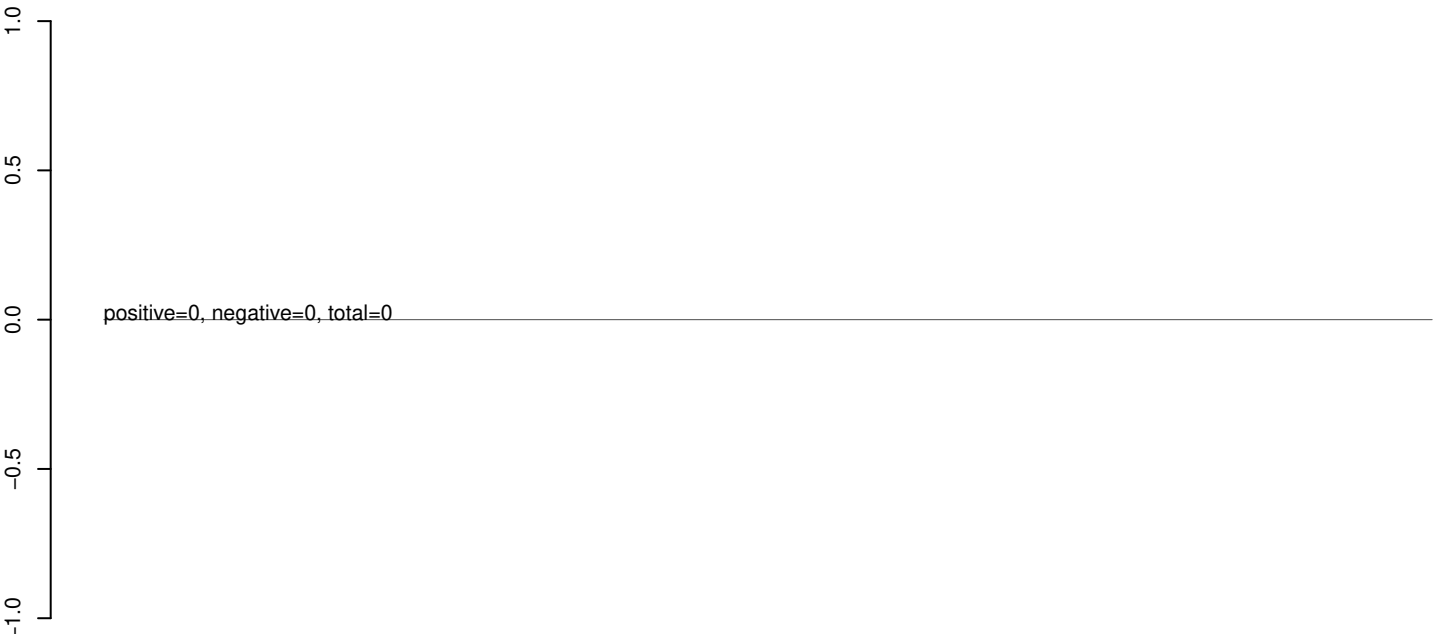
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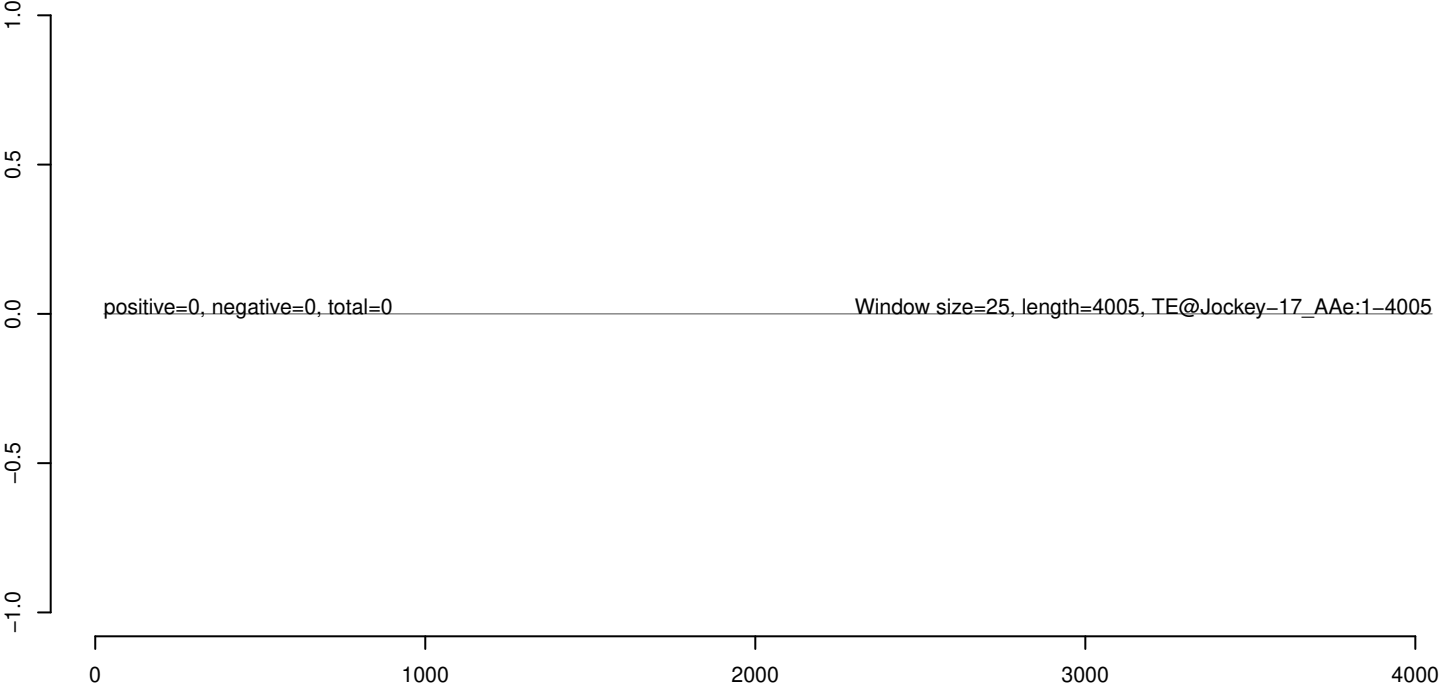
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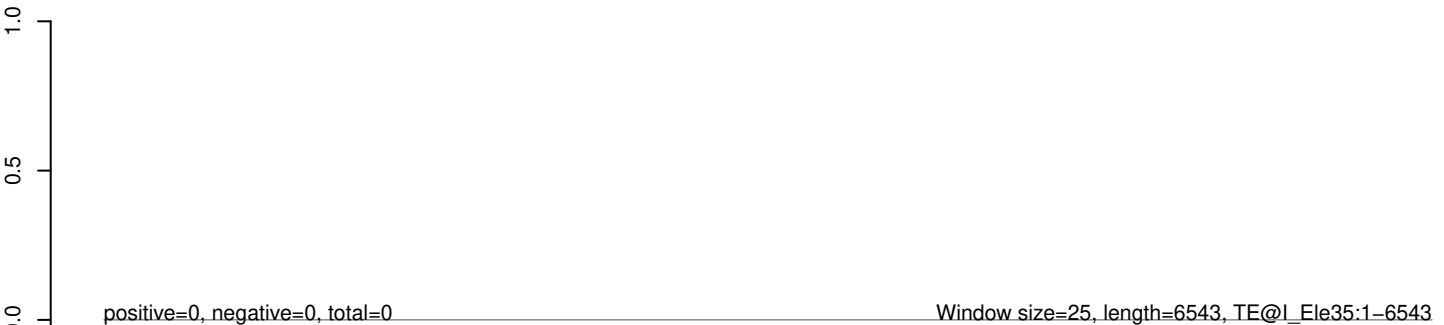
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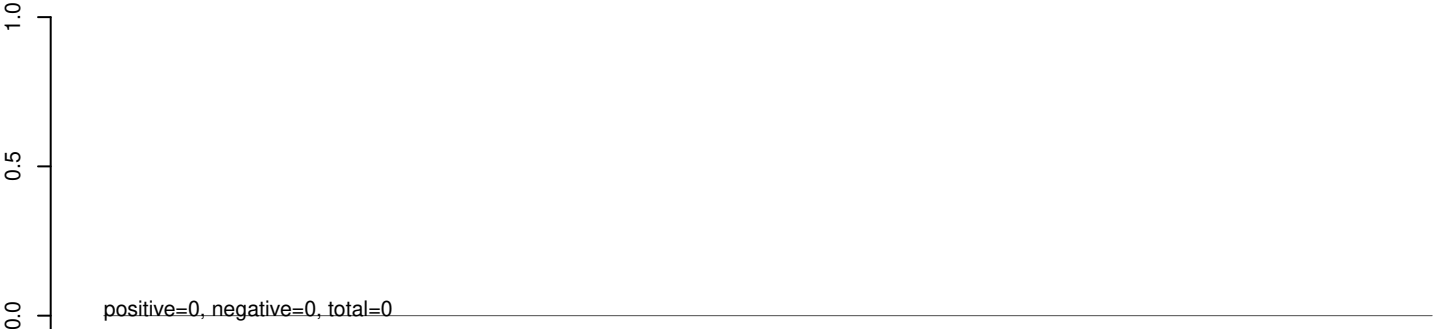
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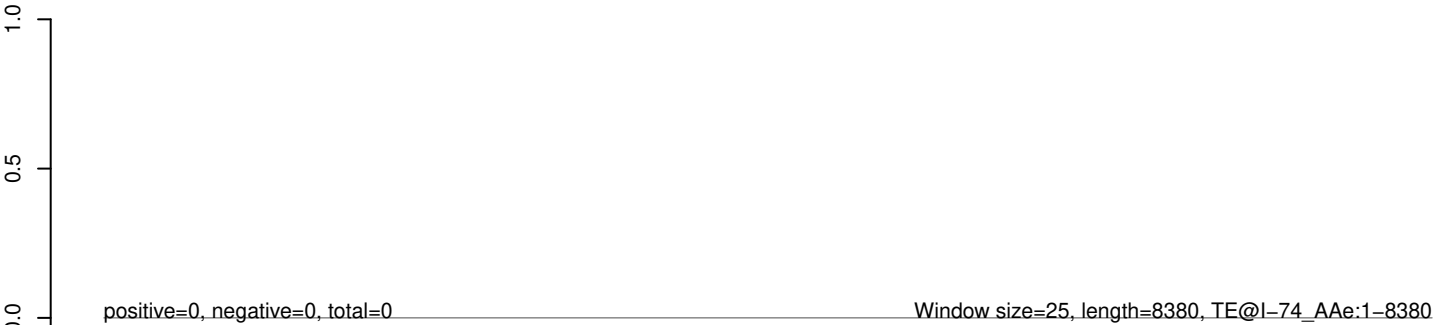
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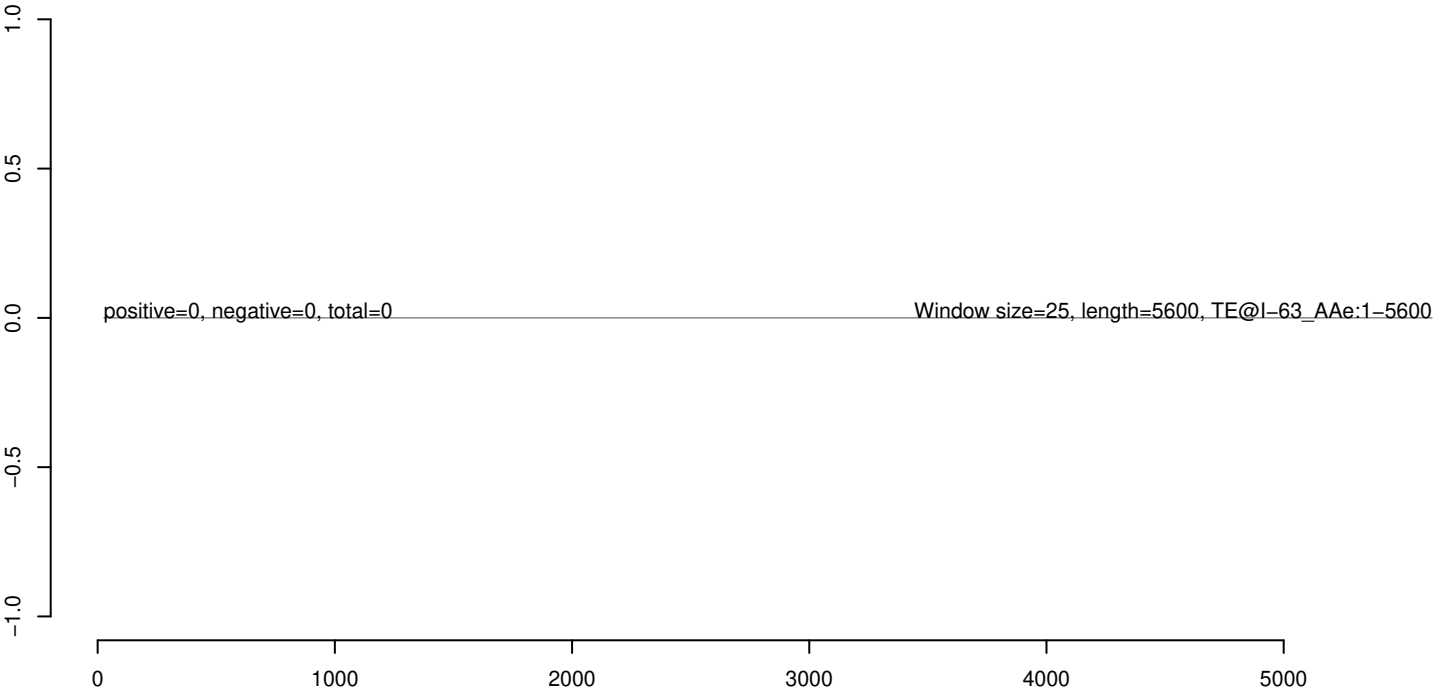
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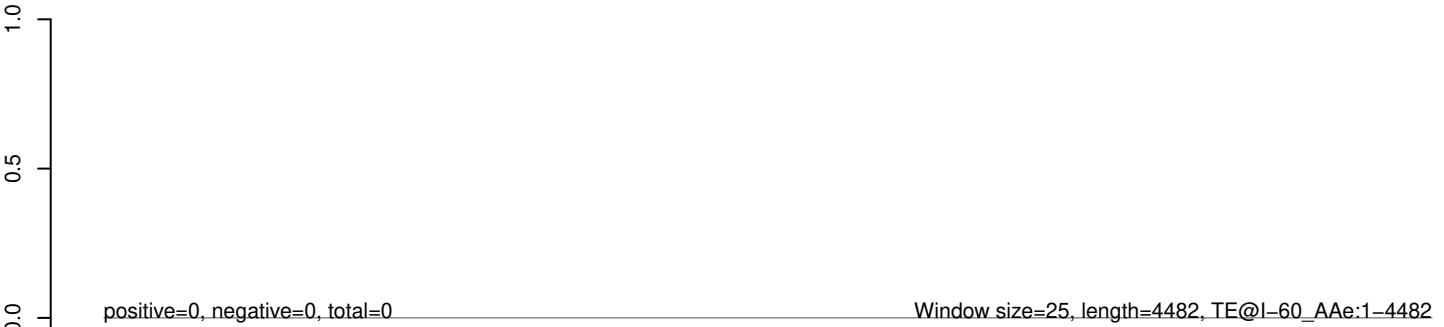
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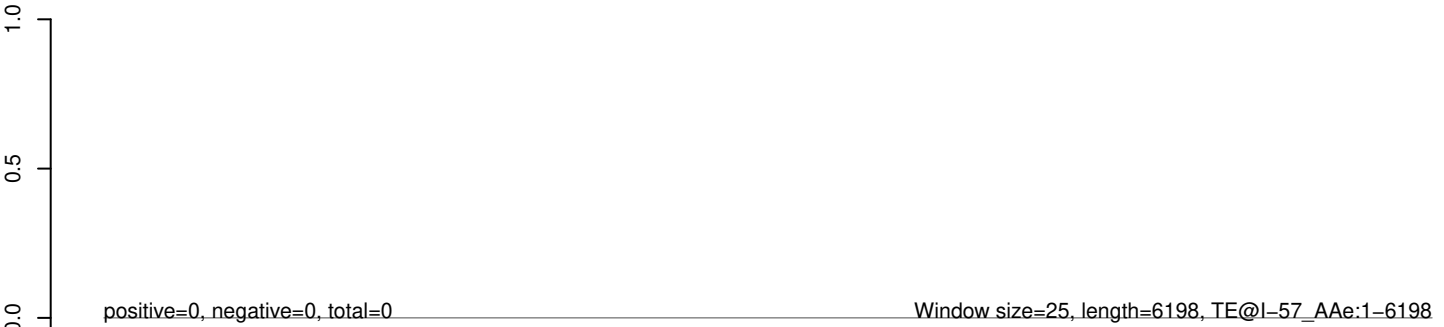
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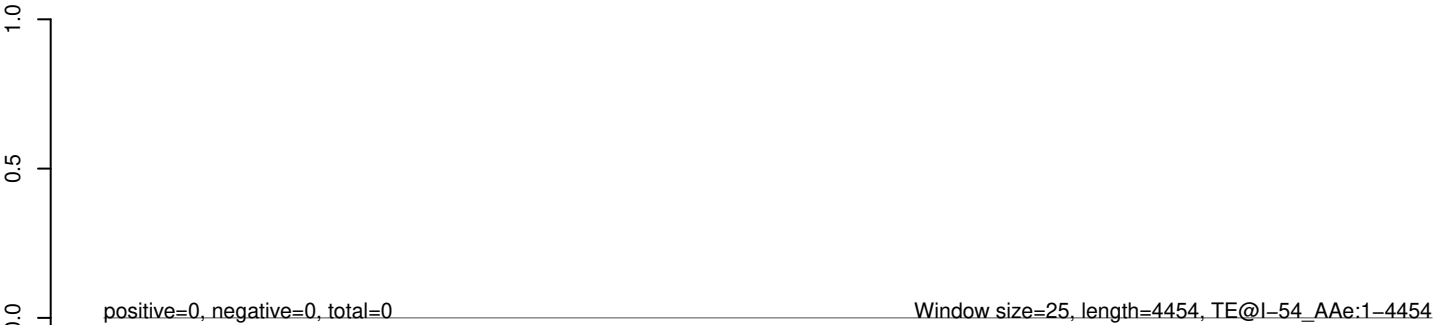
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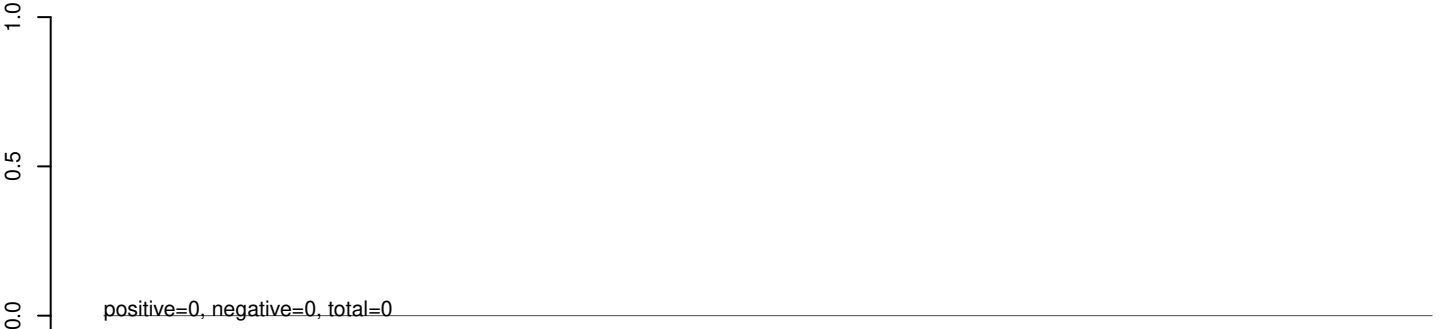
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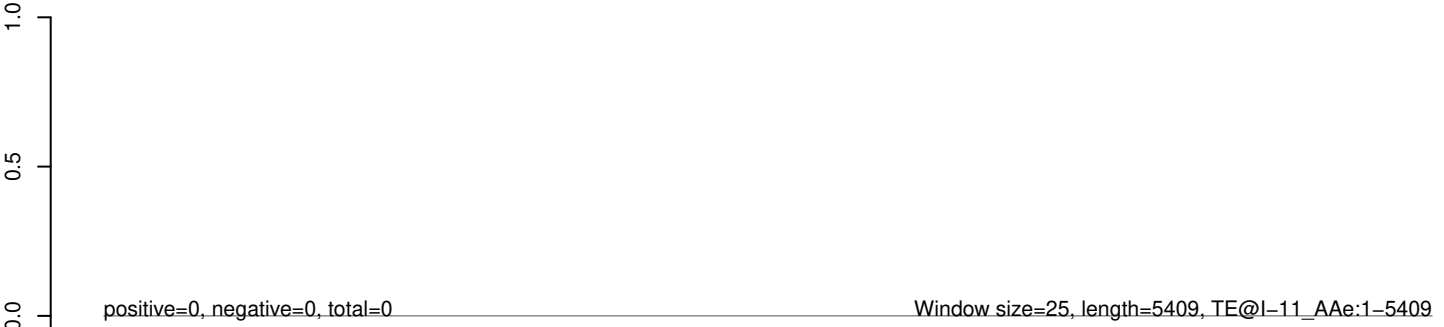
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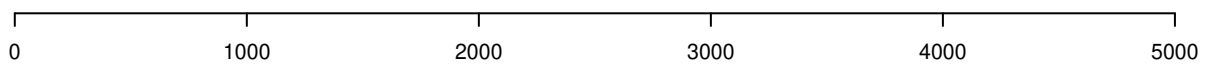
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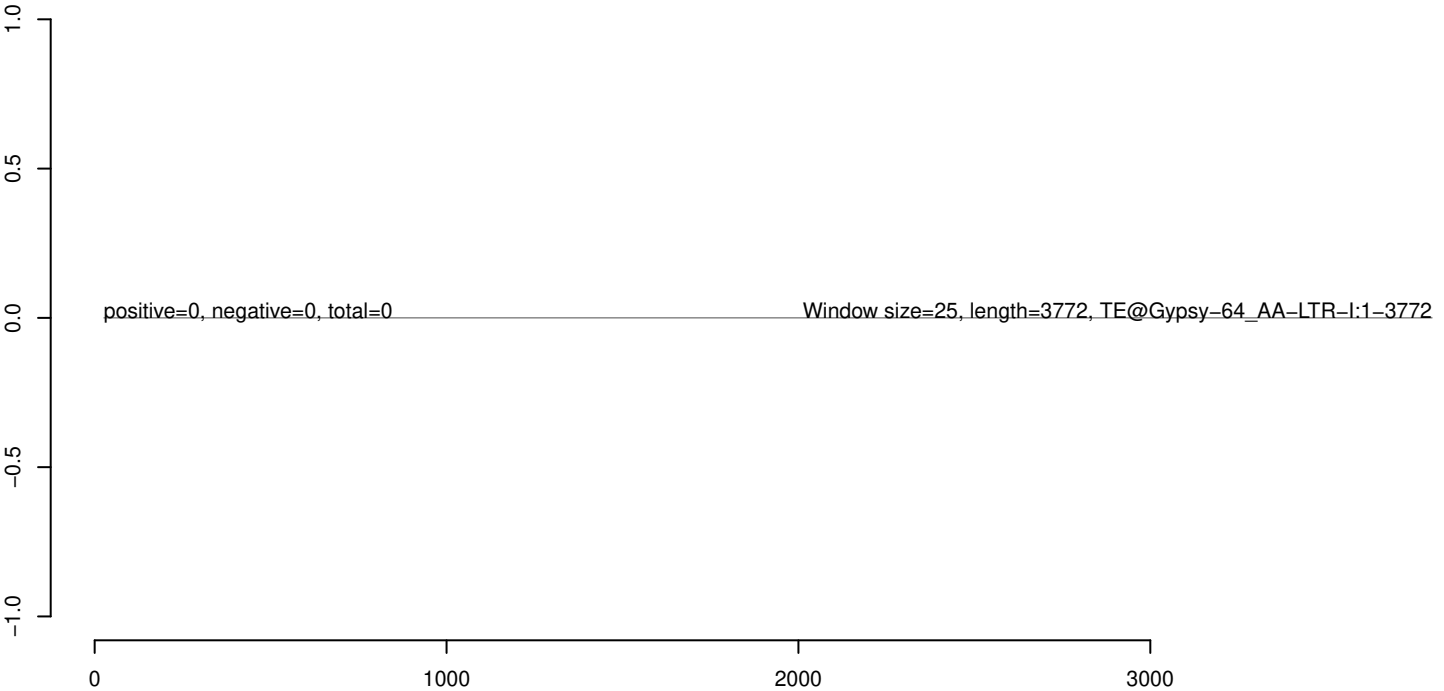
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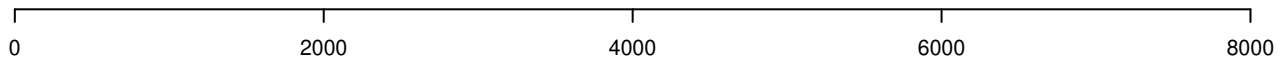
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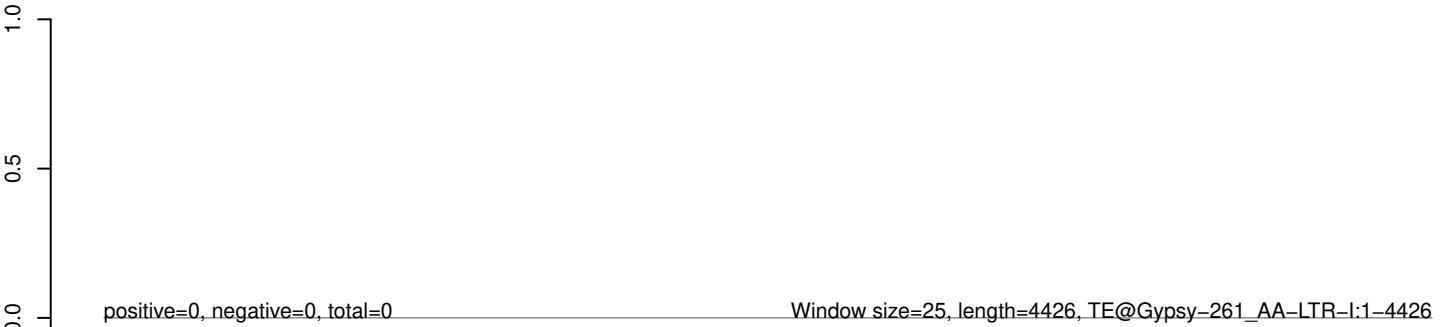
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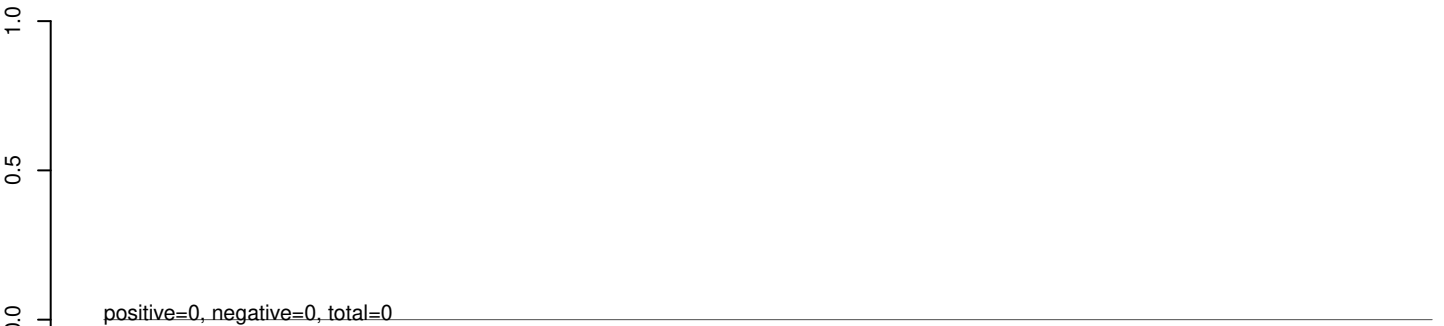


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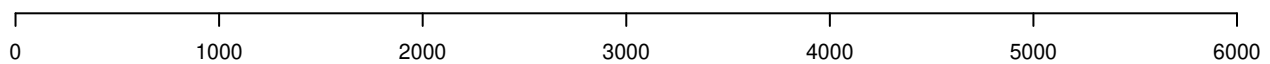
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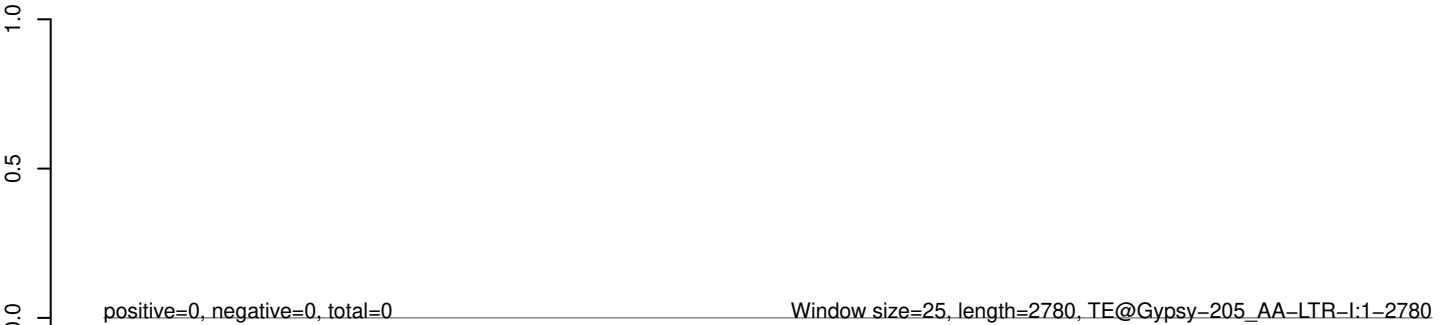
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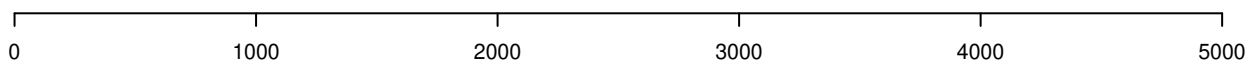
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.24\_35.rep**



**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



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0 2000 4000 6000 8000



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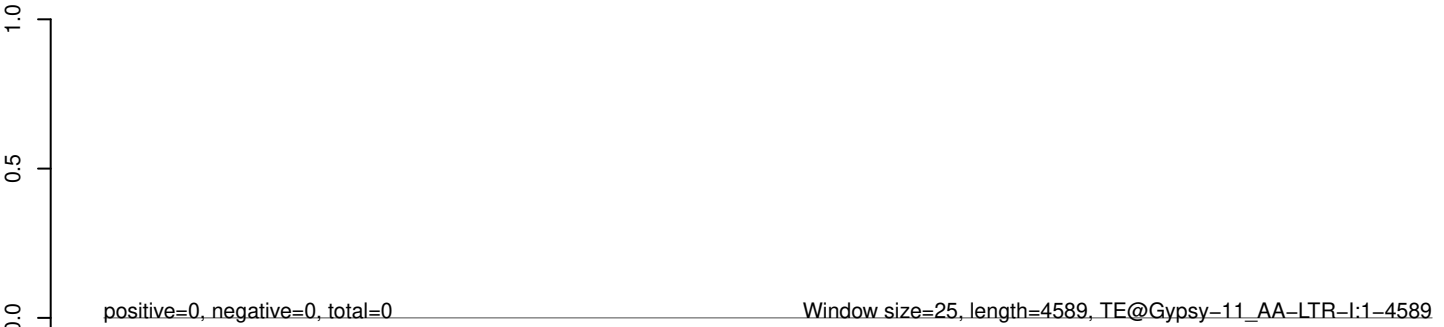
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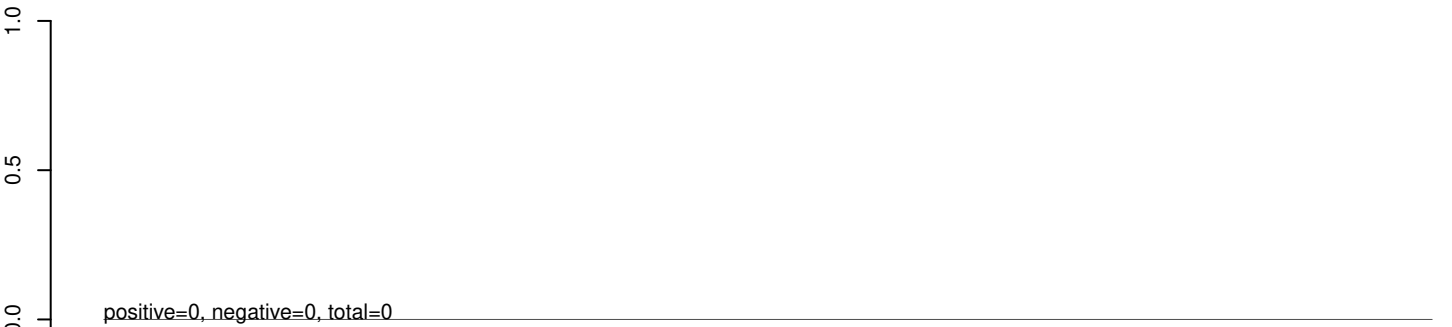


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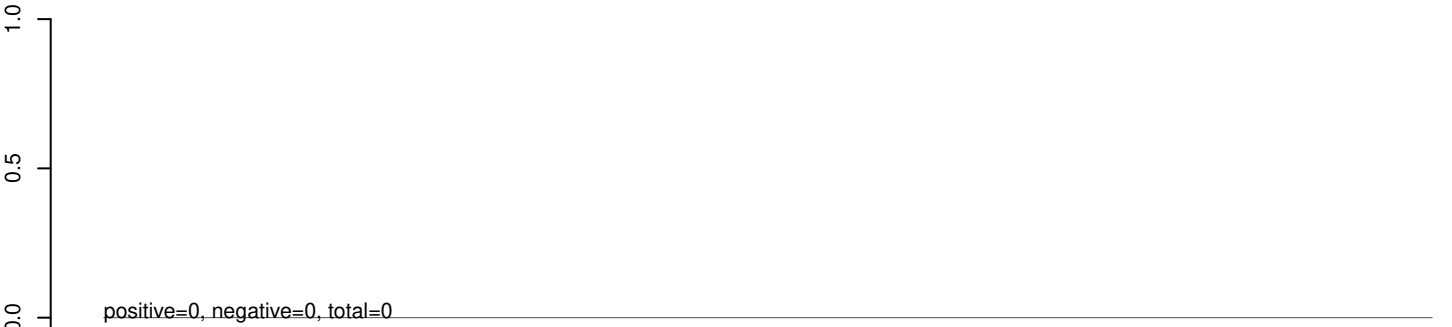


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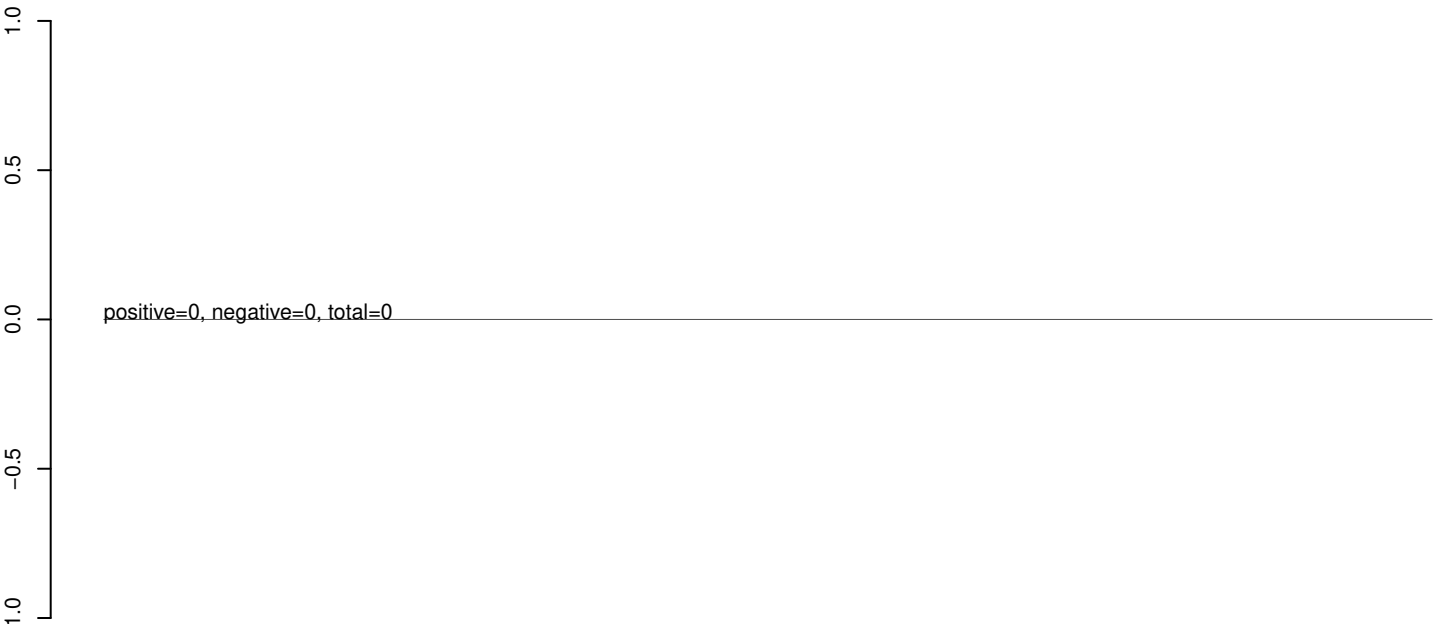
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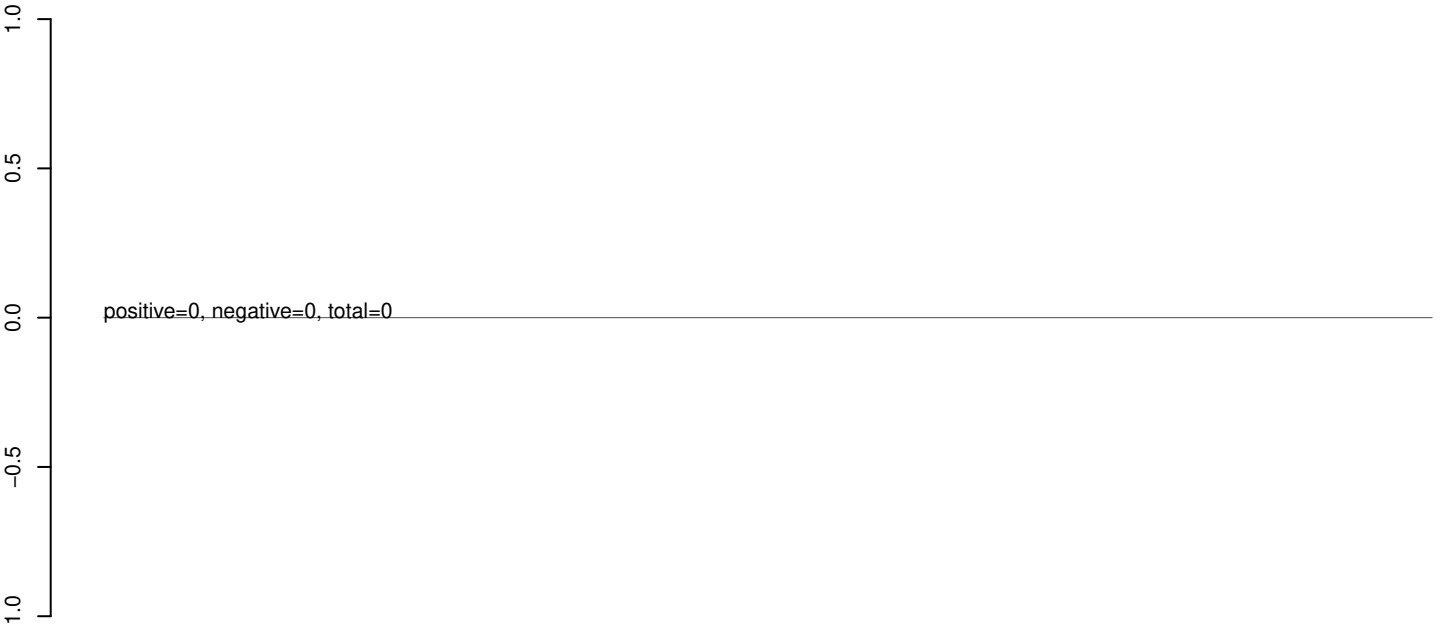
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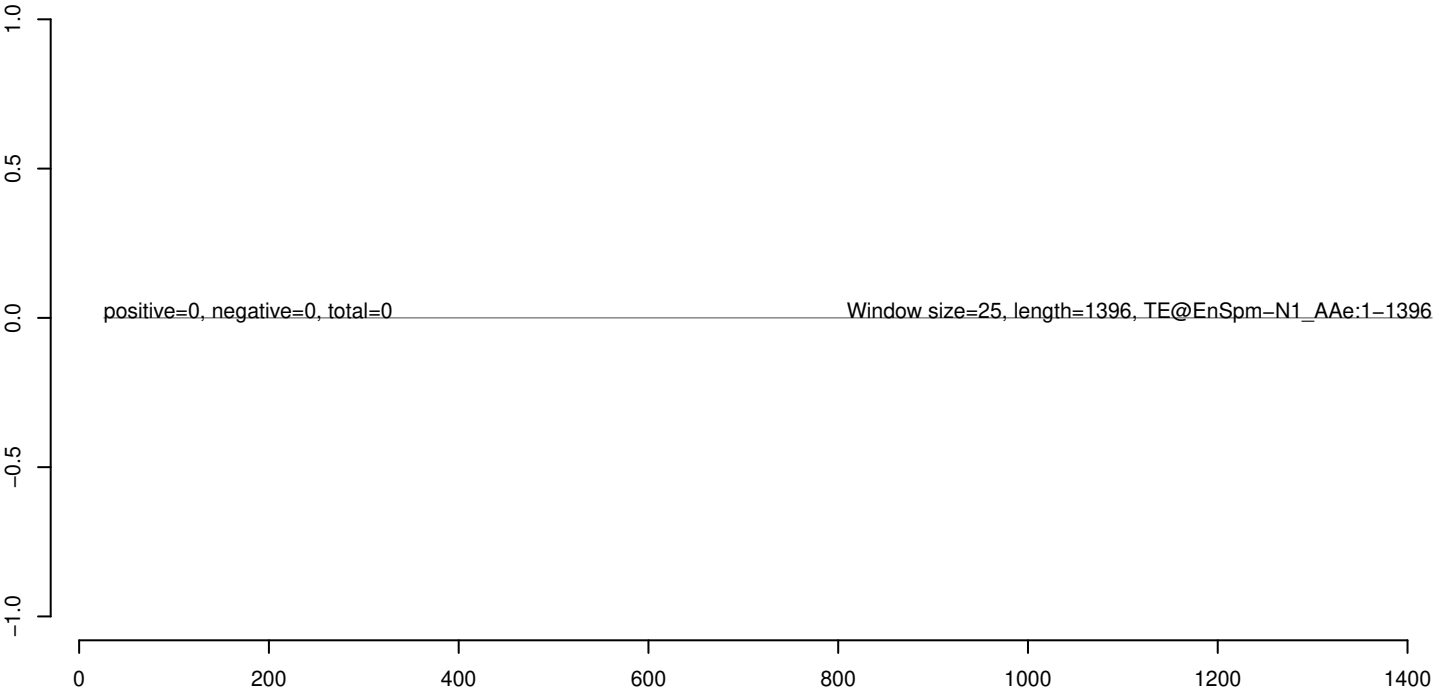
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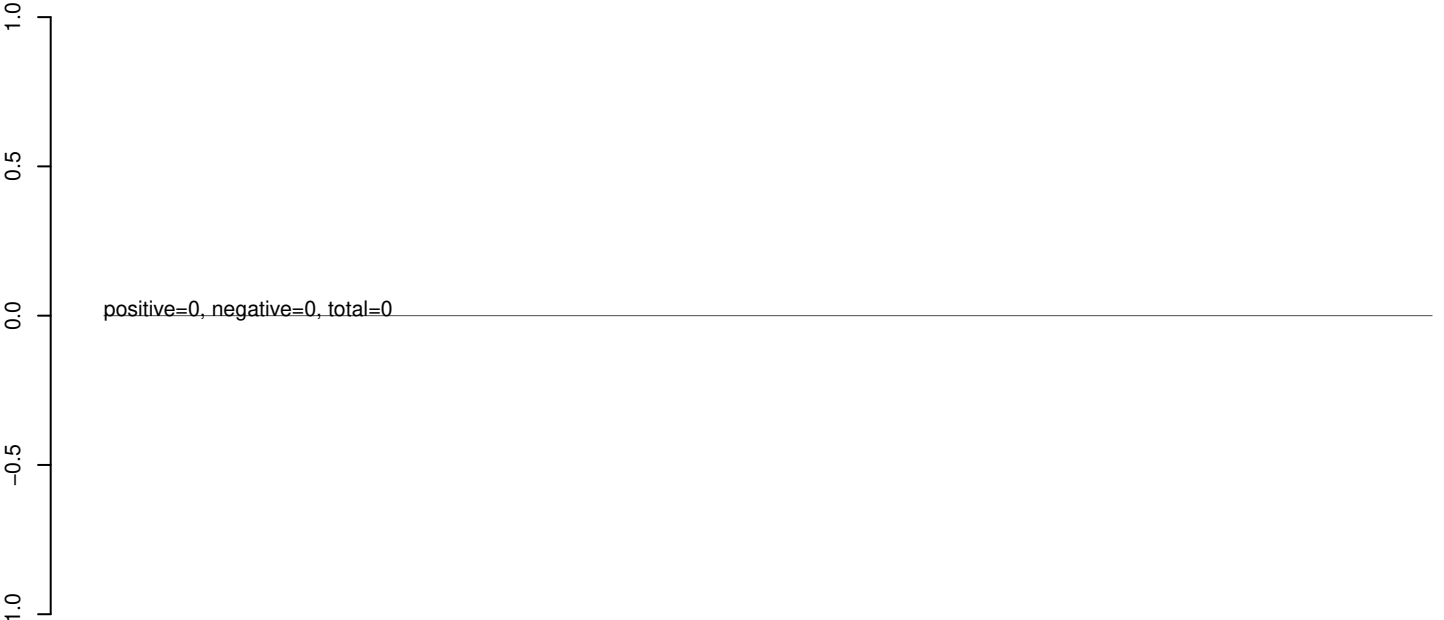
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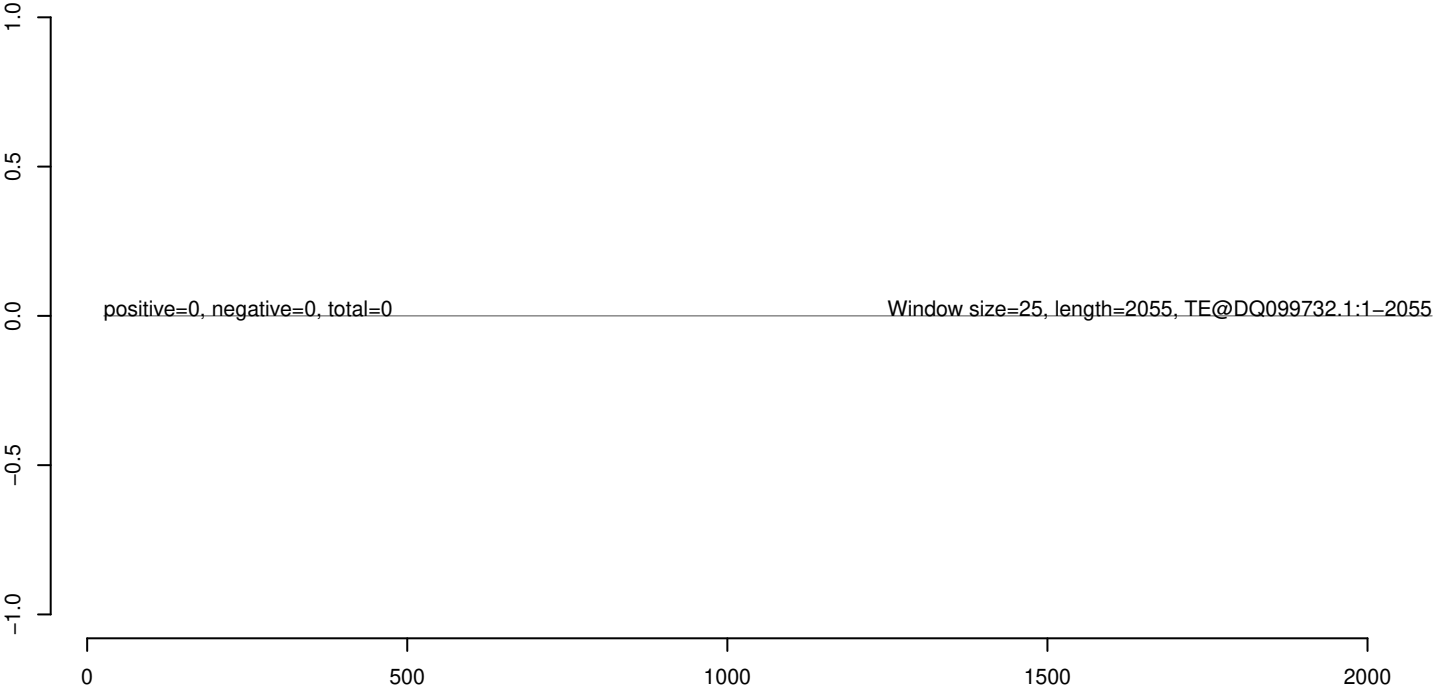
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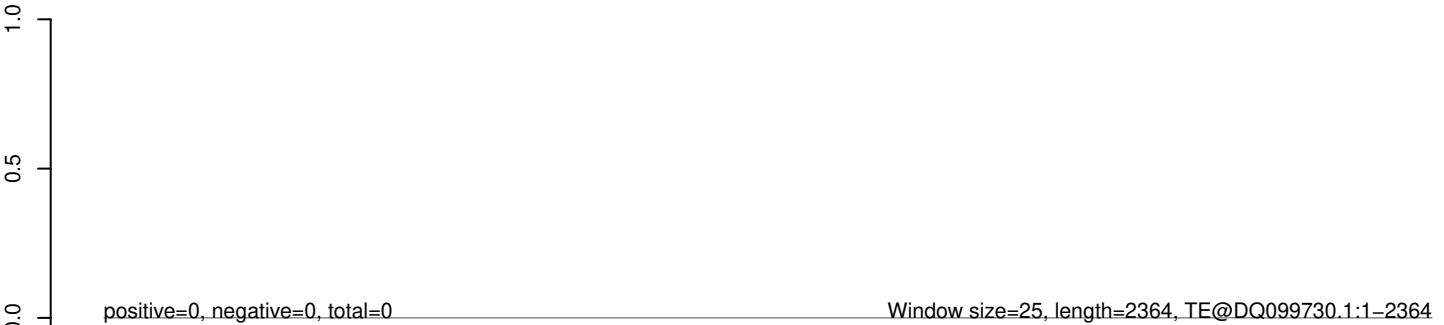
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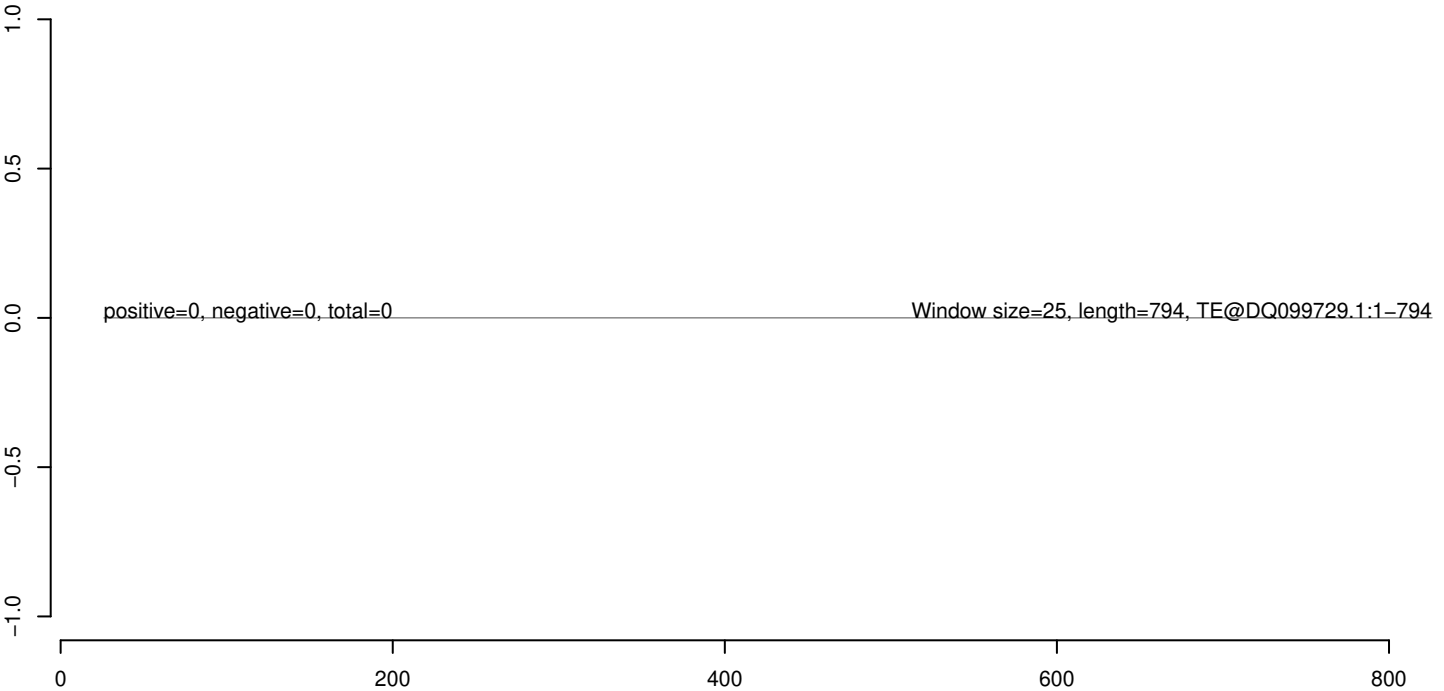
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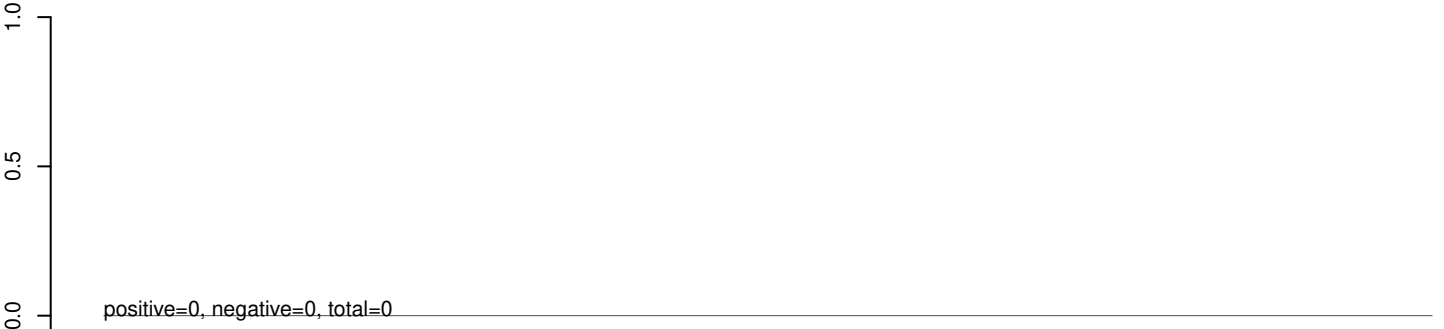
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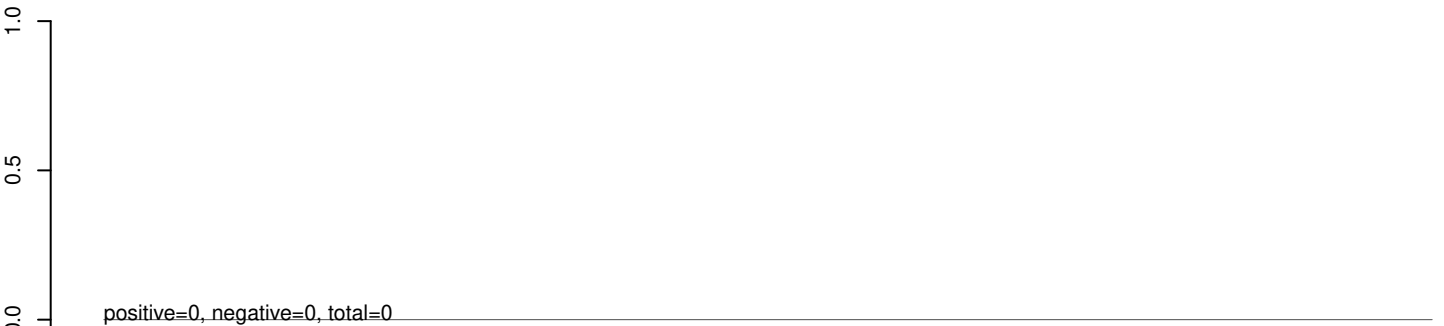
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



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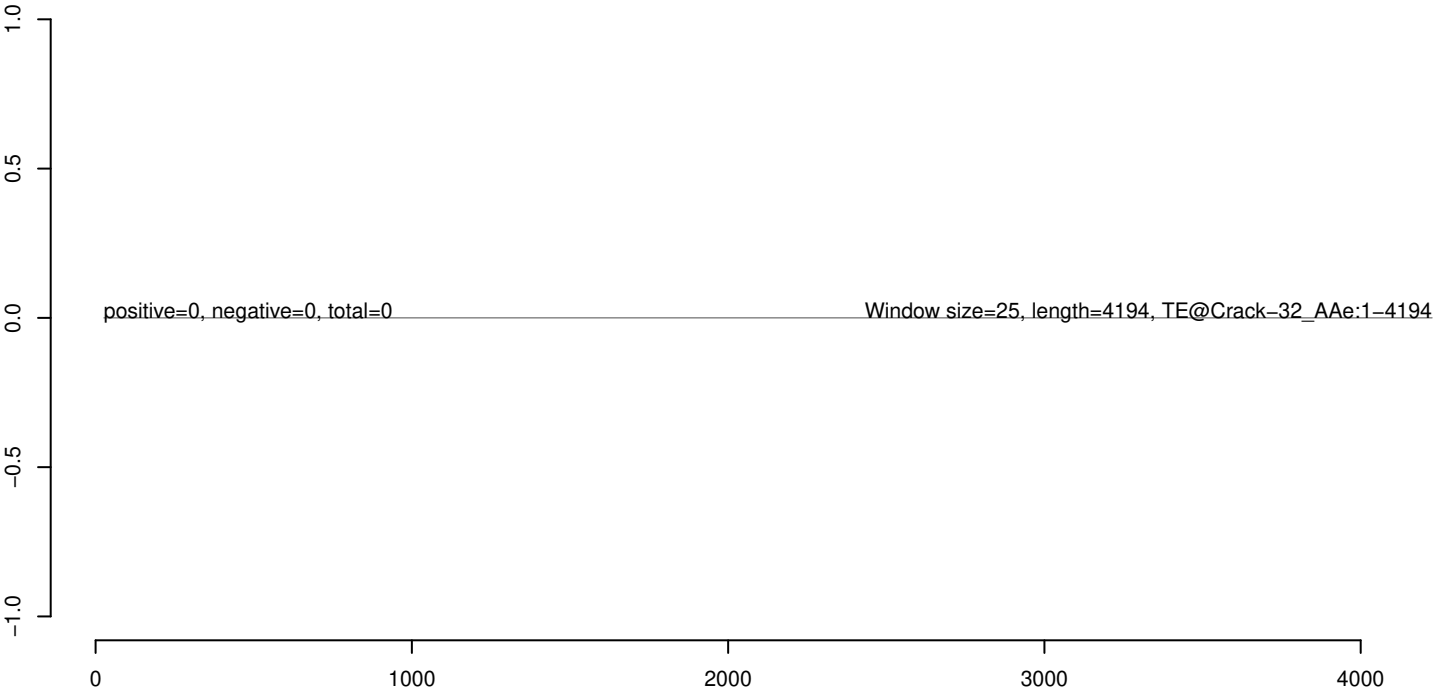
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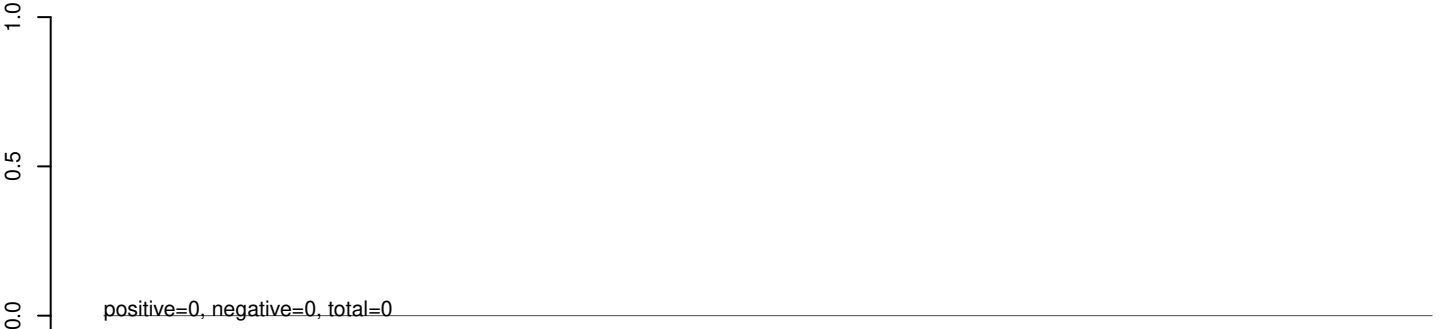
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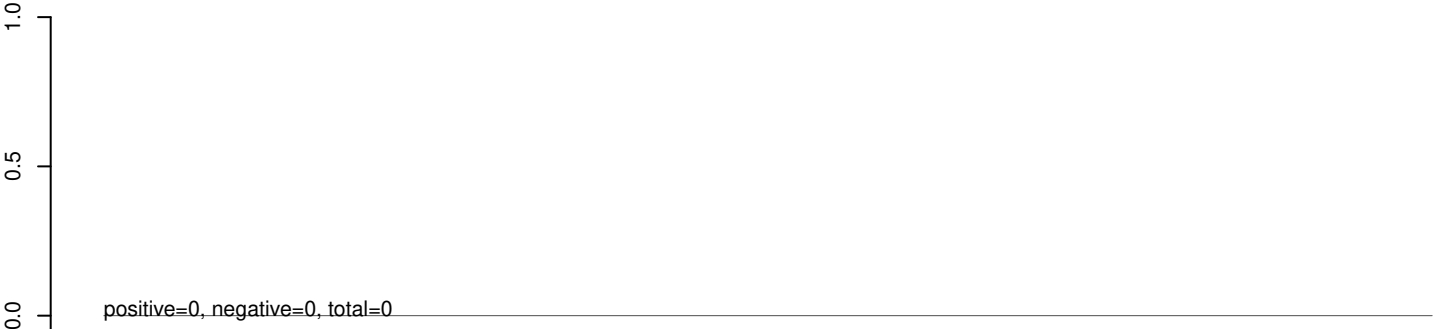
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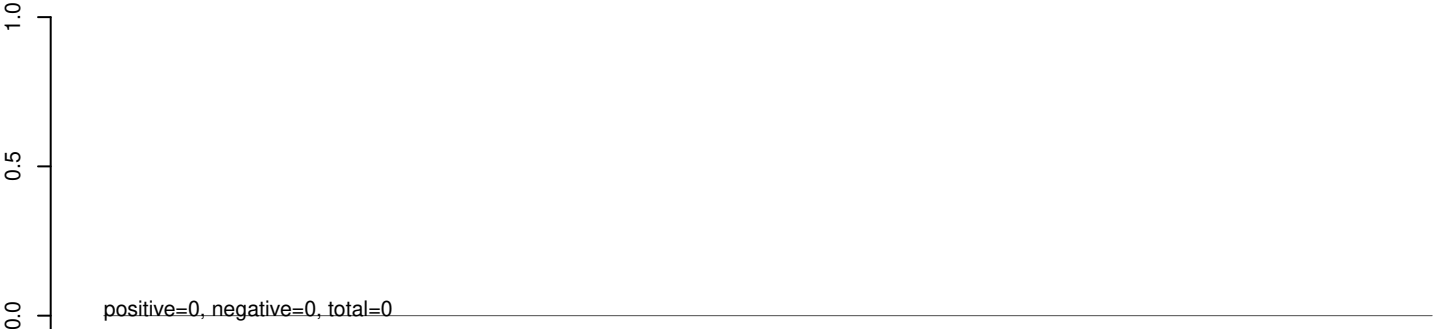
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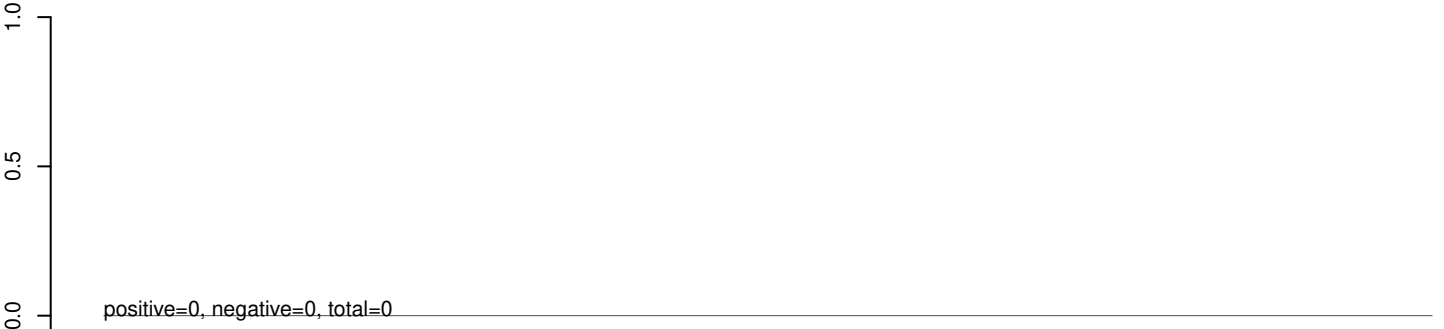
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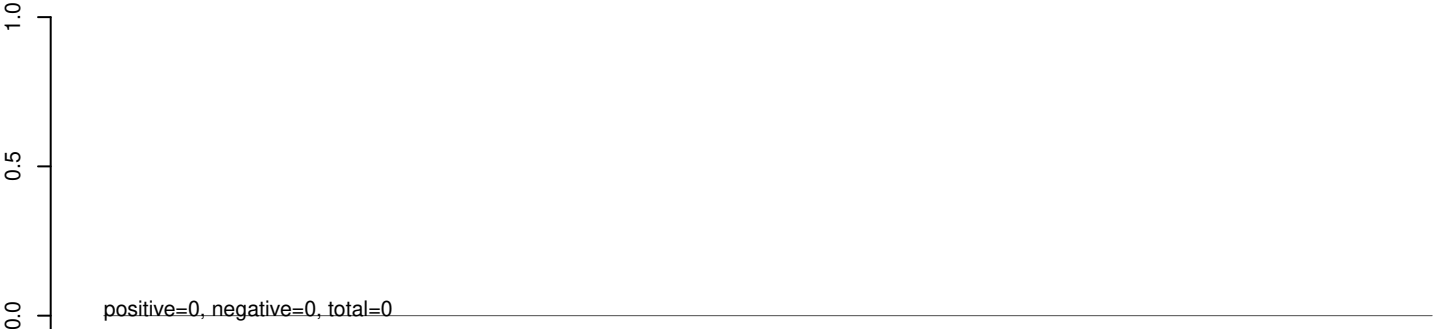


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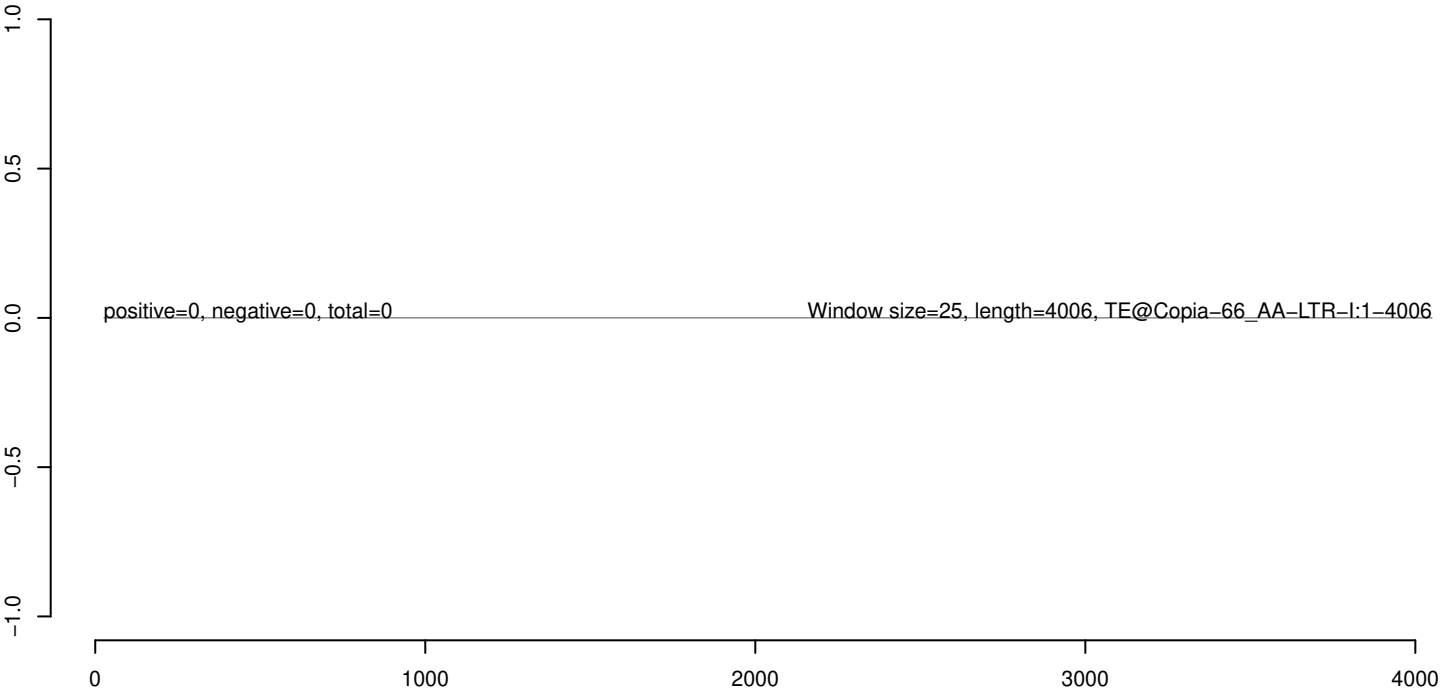
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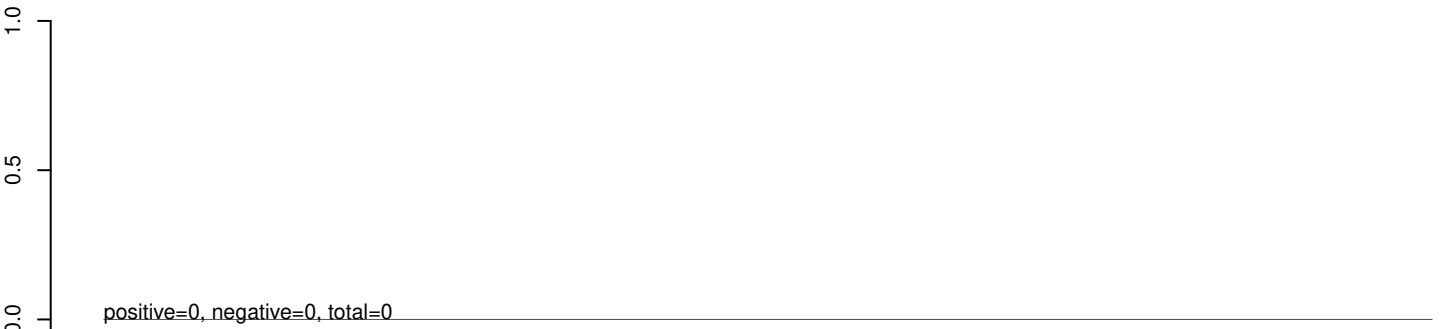


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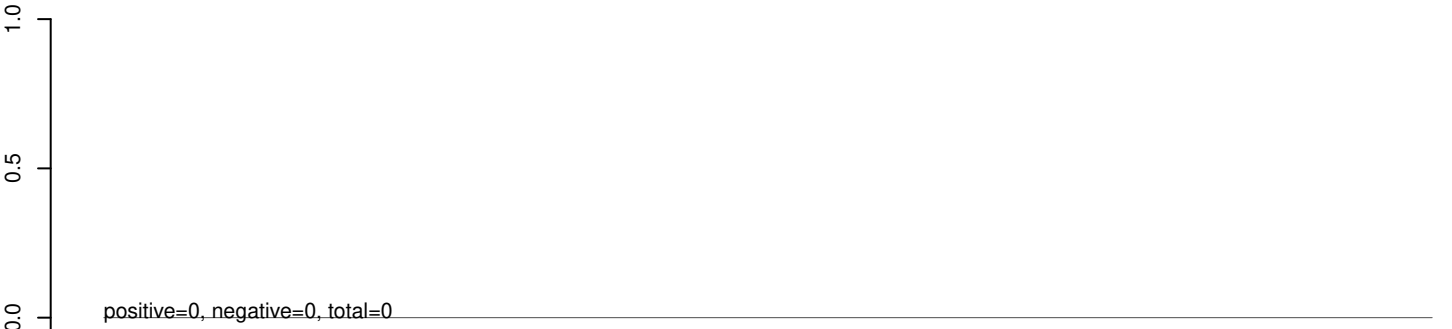


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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**





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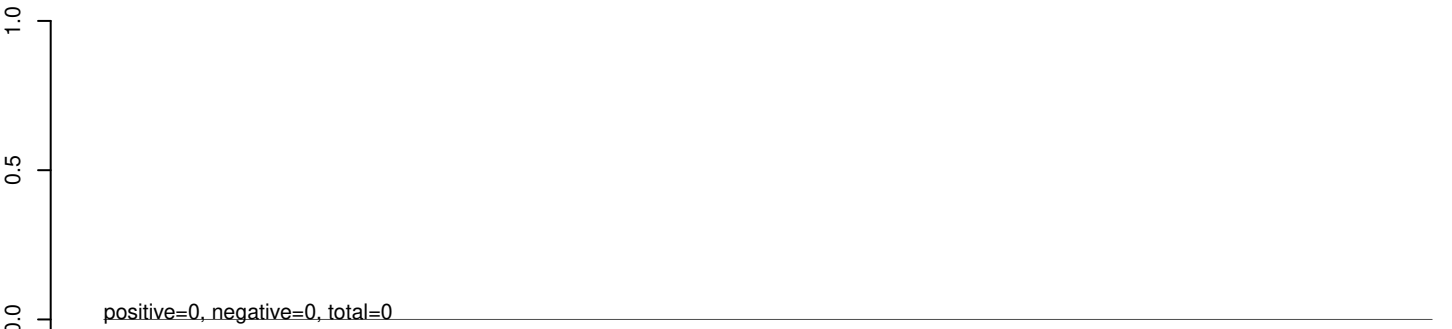
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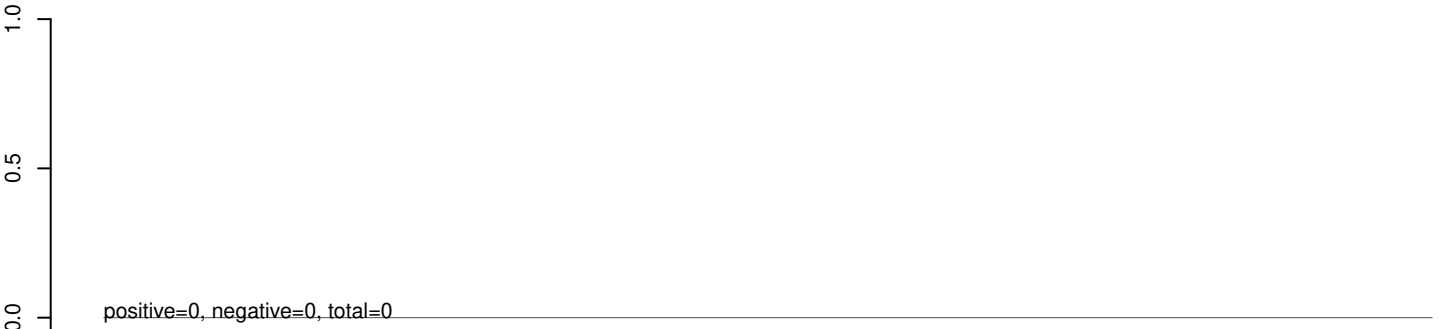
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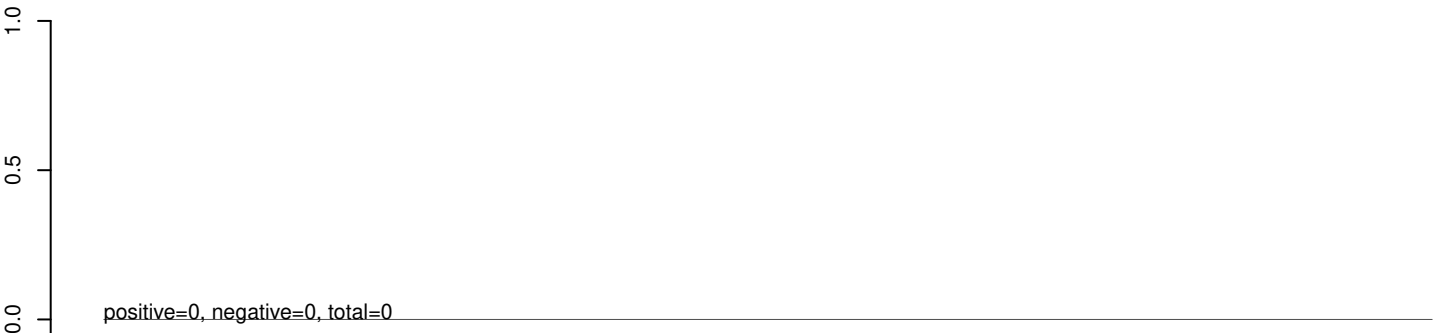
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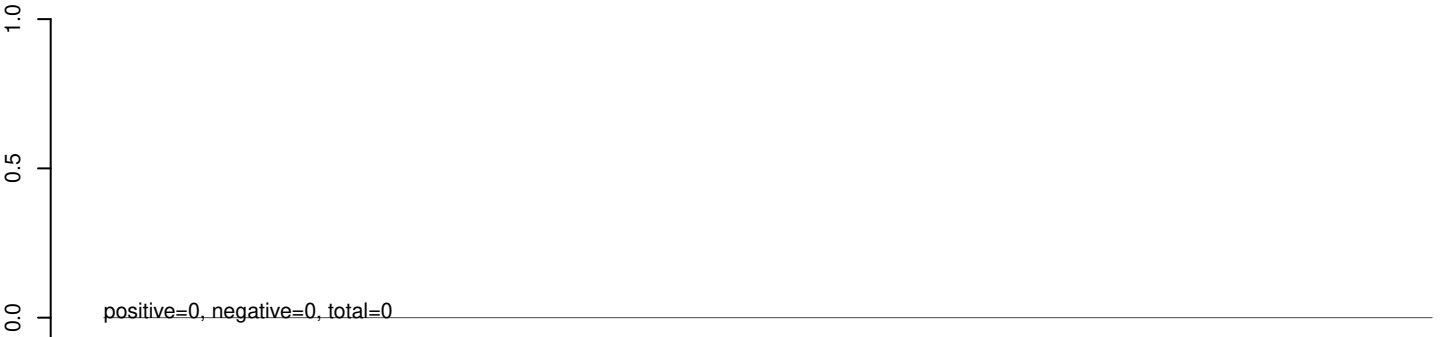
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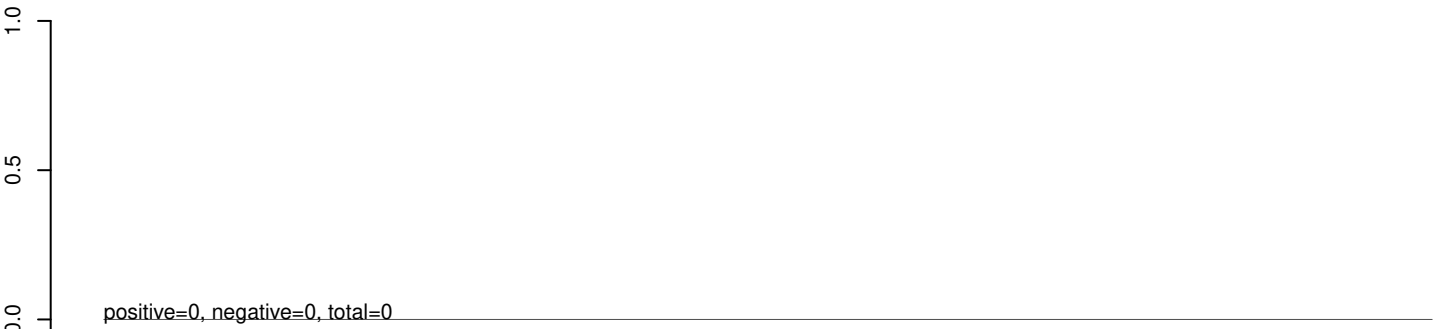


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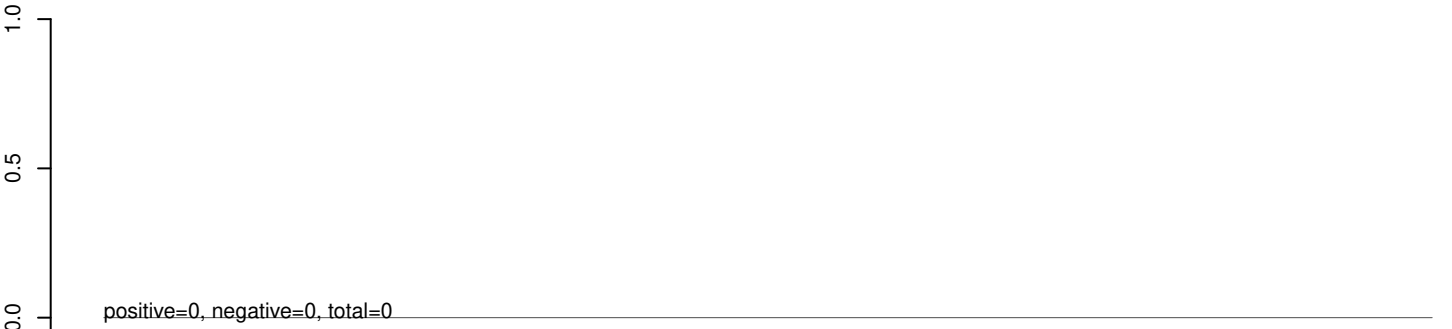


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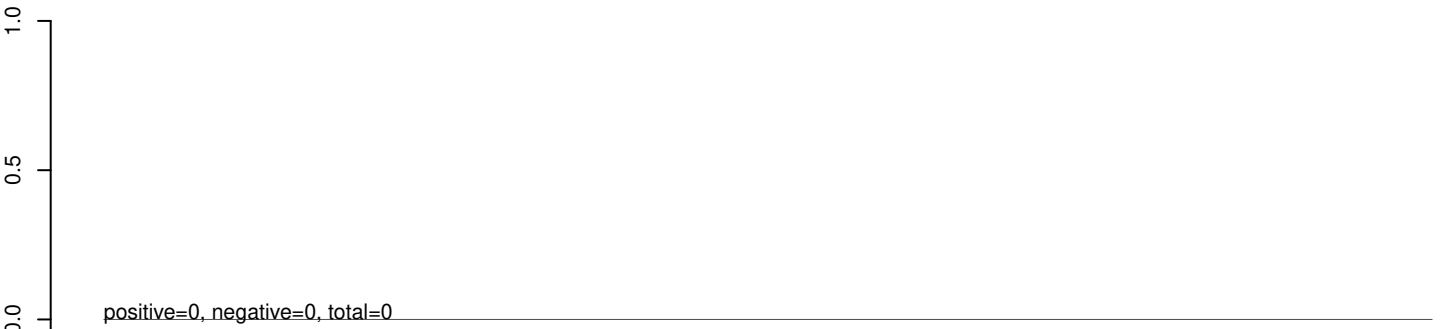
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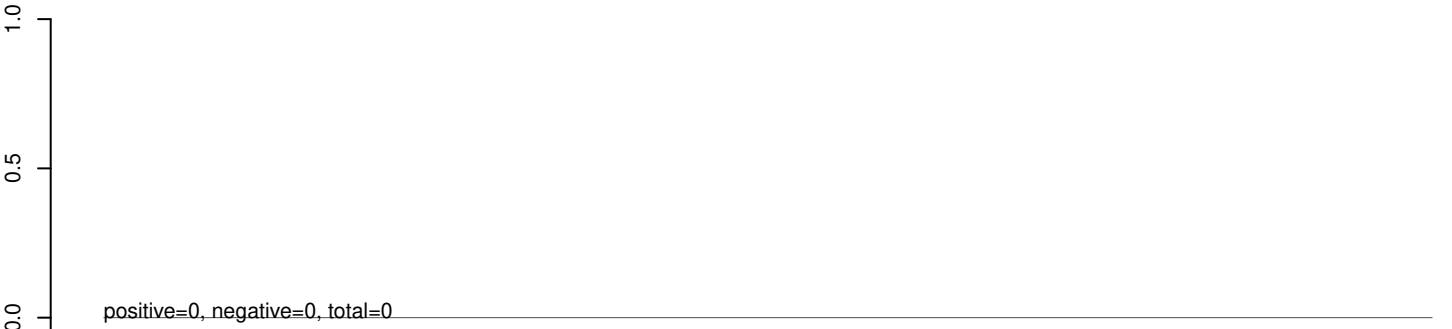
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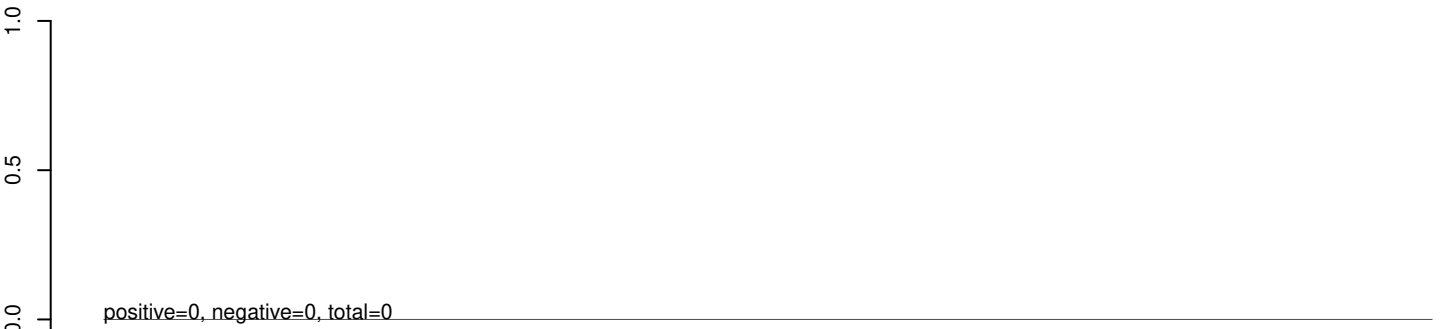
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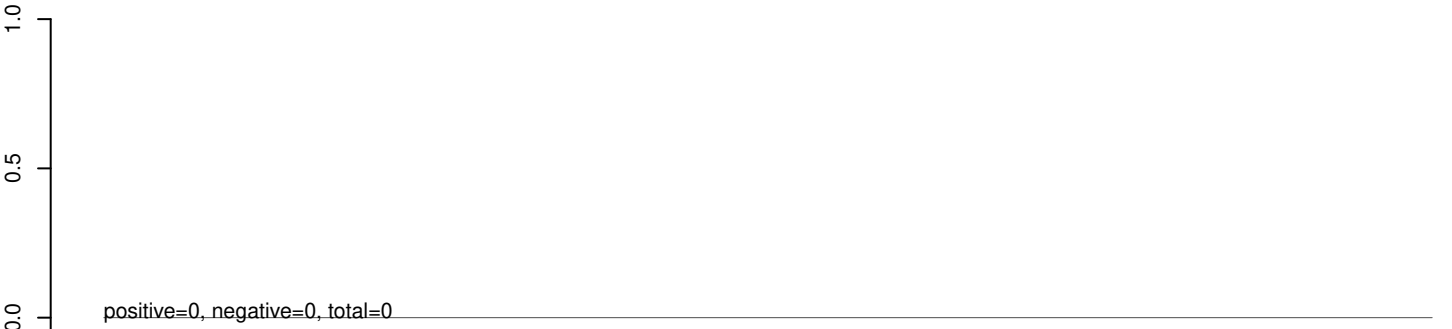
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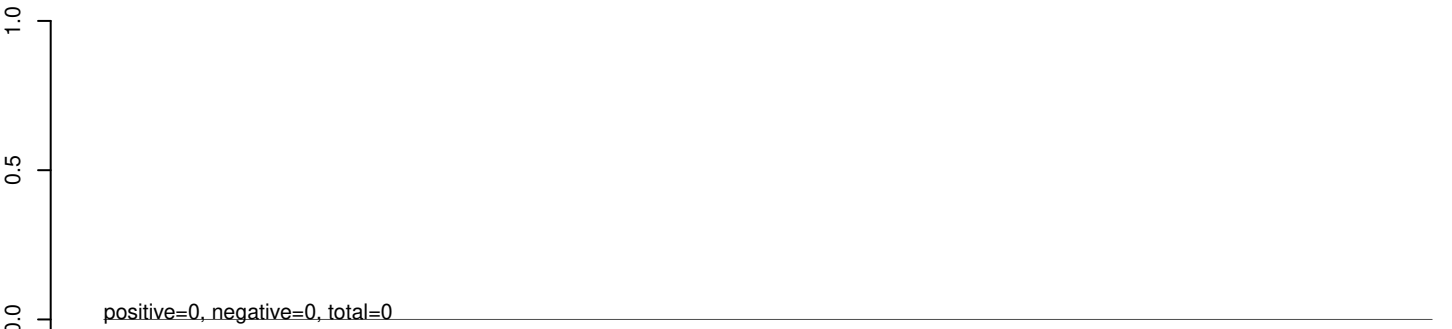


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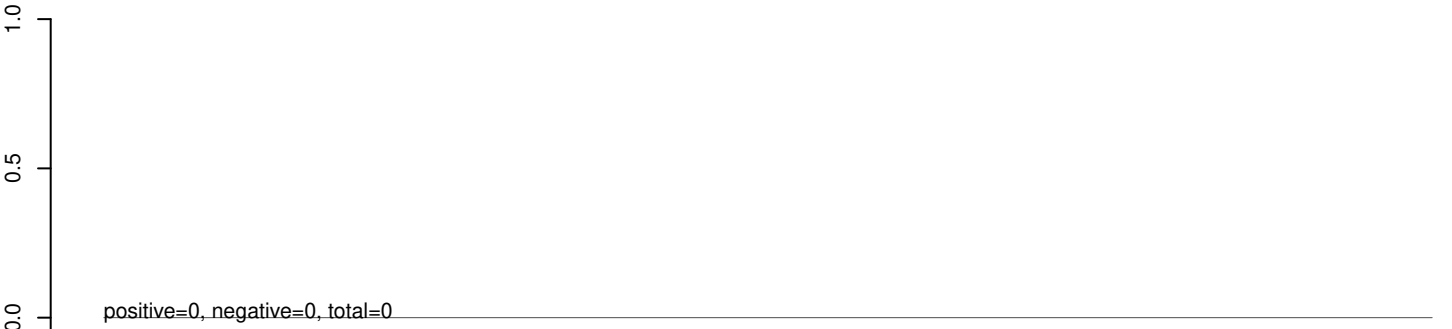




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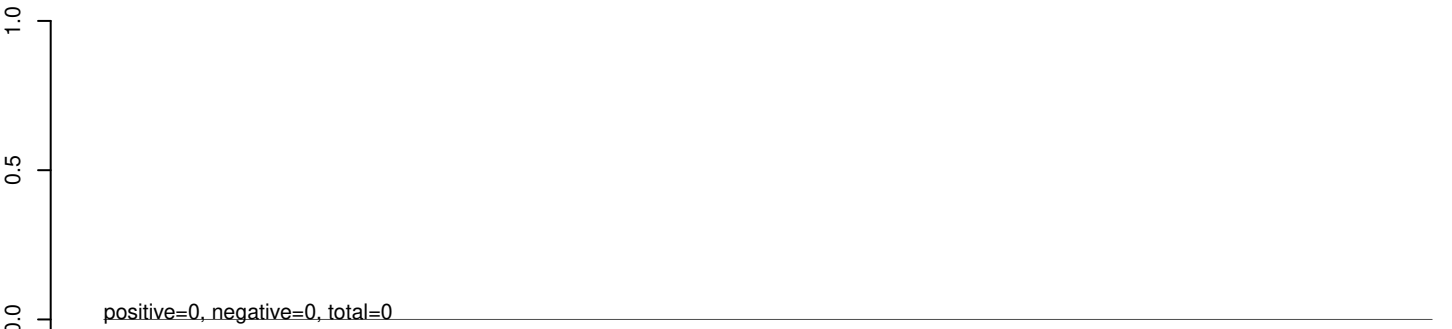
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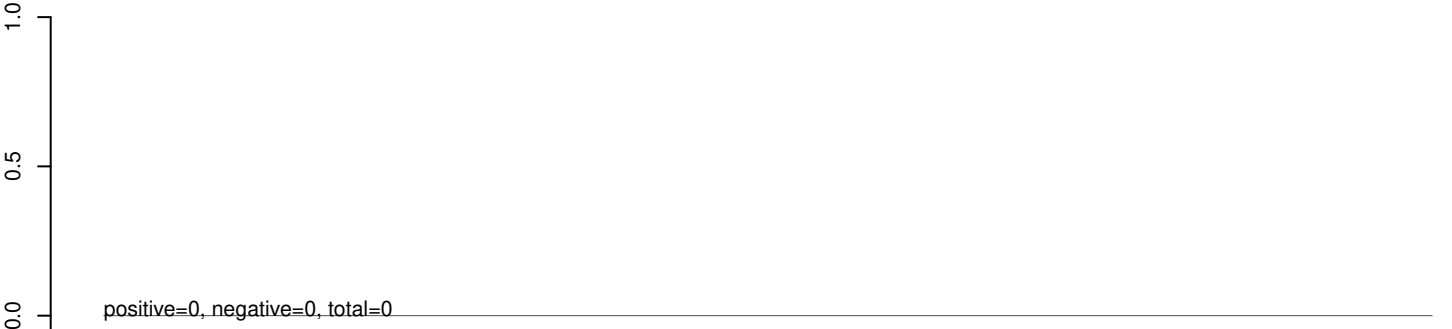
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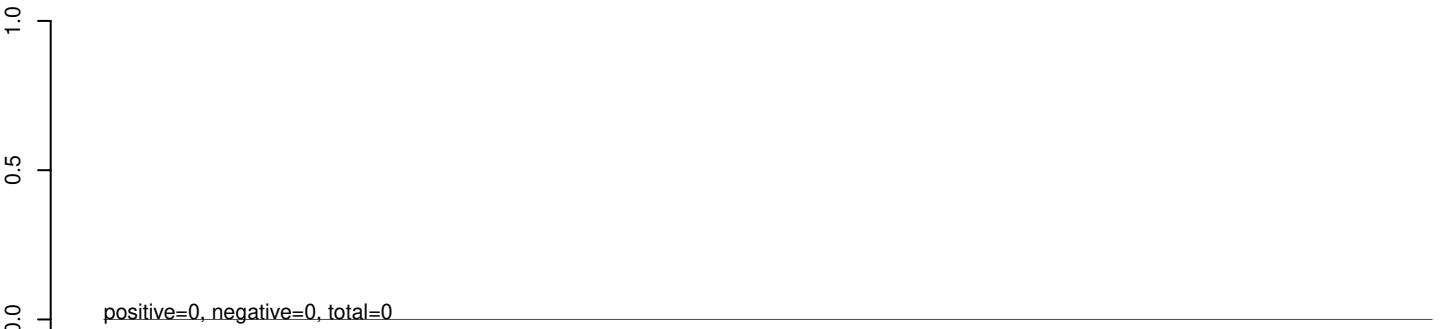
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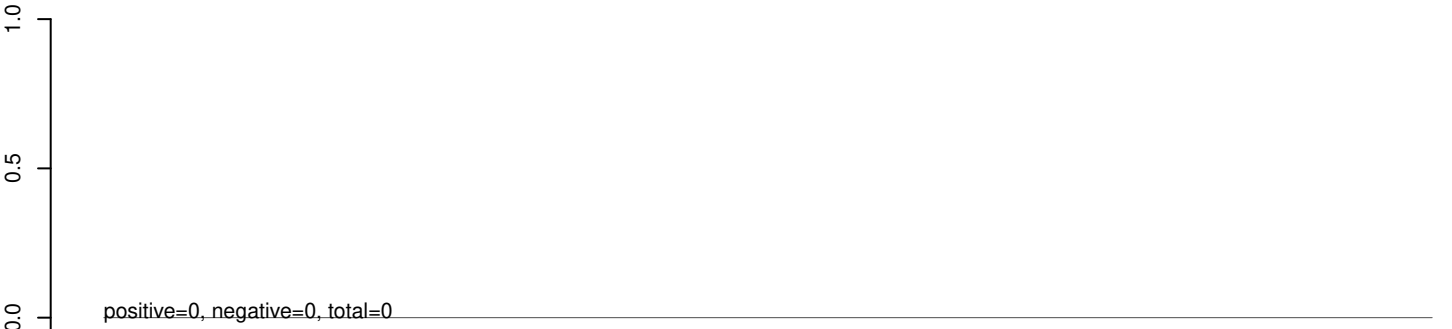
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**AeAeg\_Aag2\_Ago2\_SINV\_Beta\_RA.rep**



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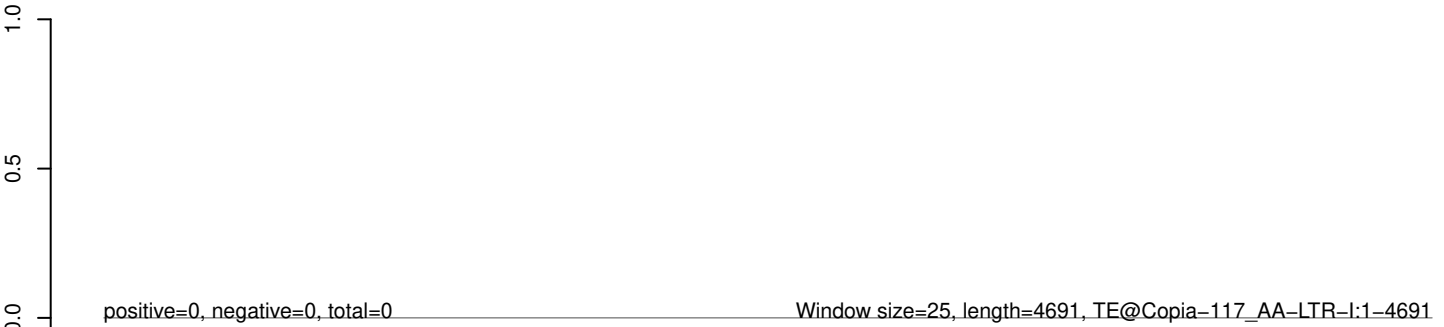
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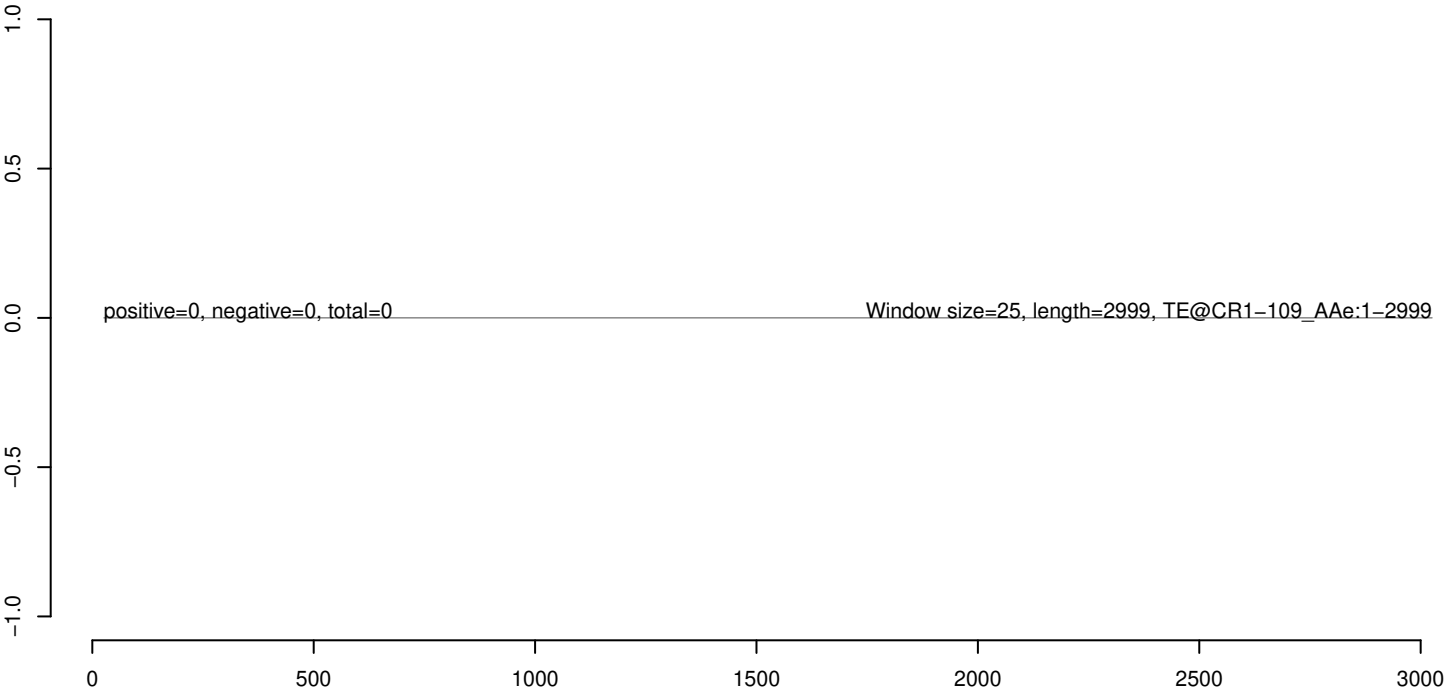
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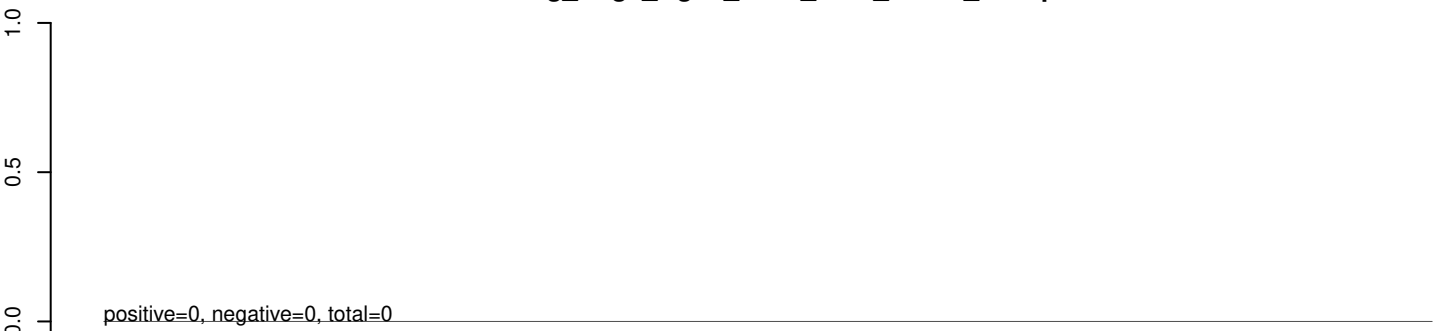
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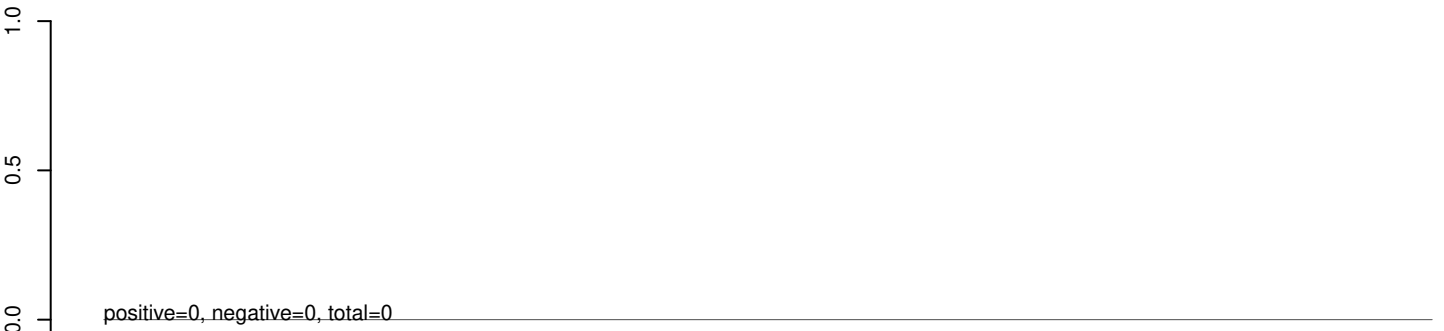
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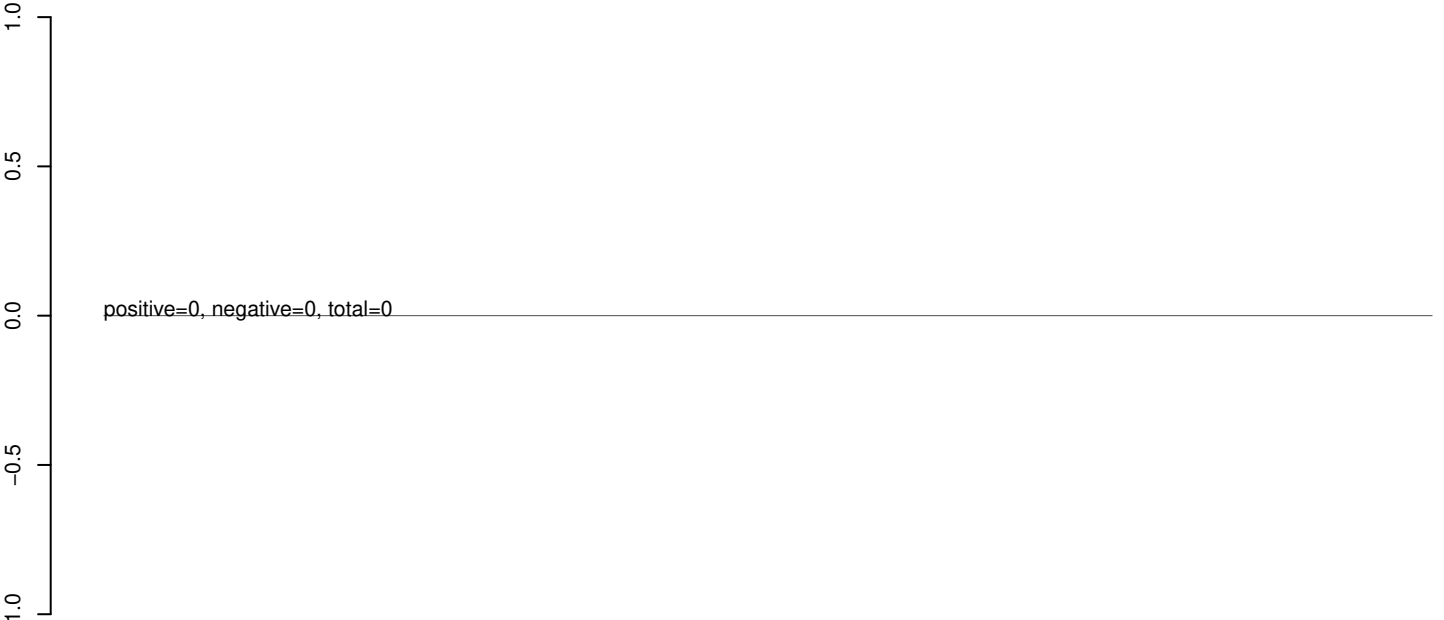




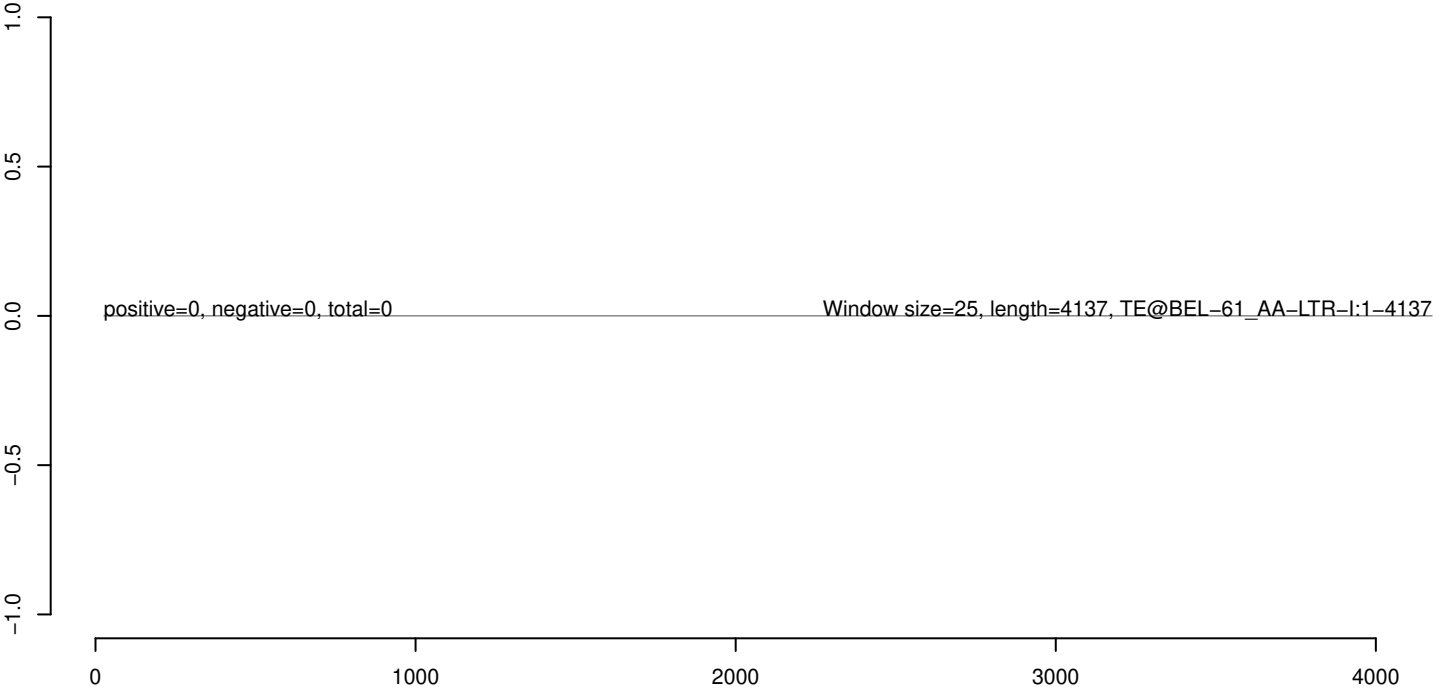
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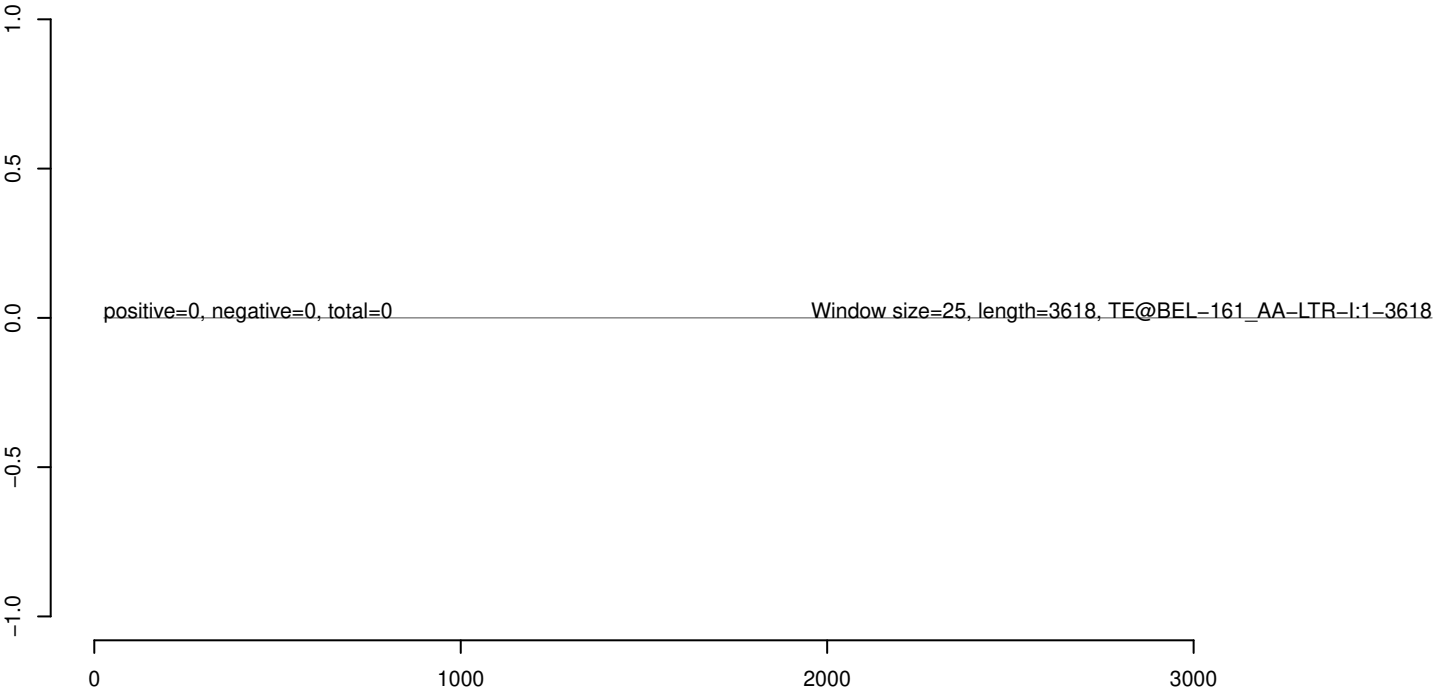
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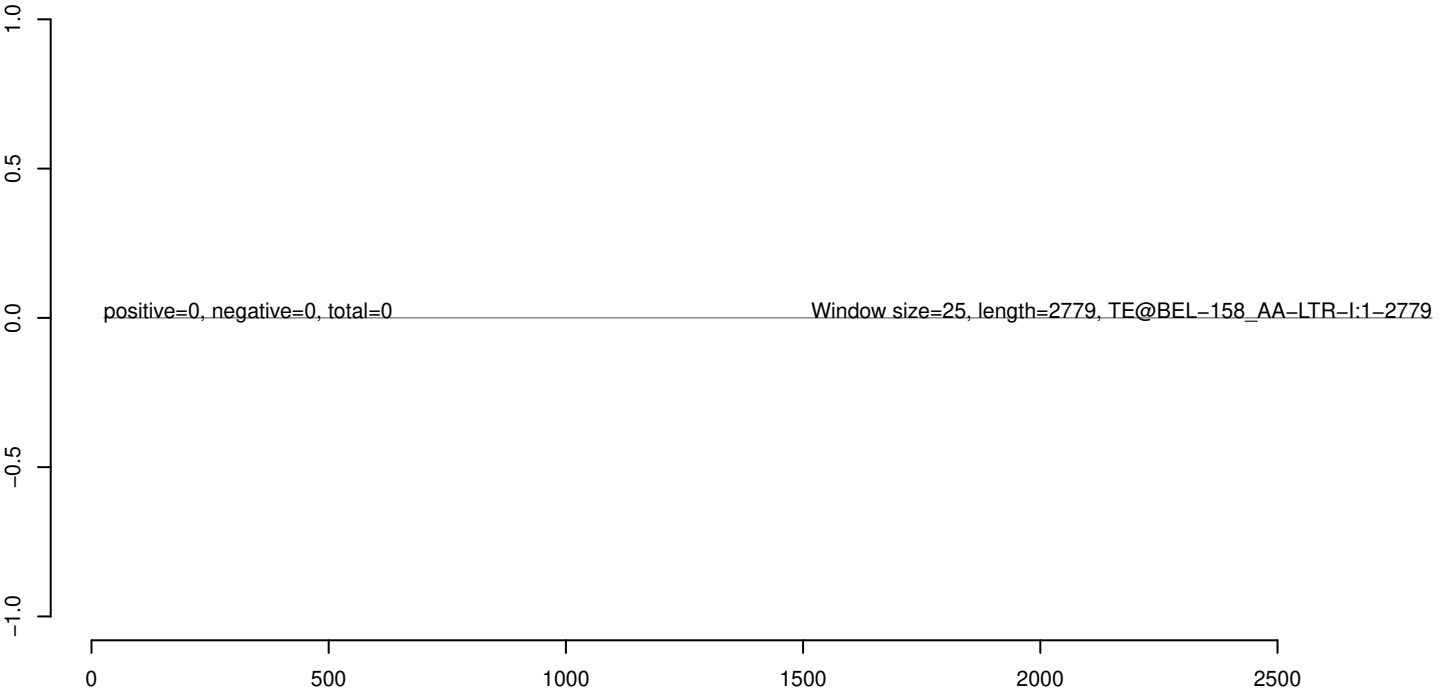
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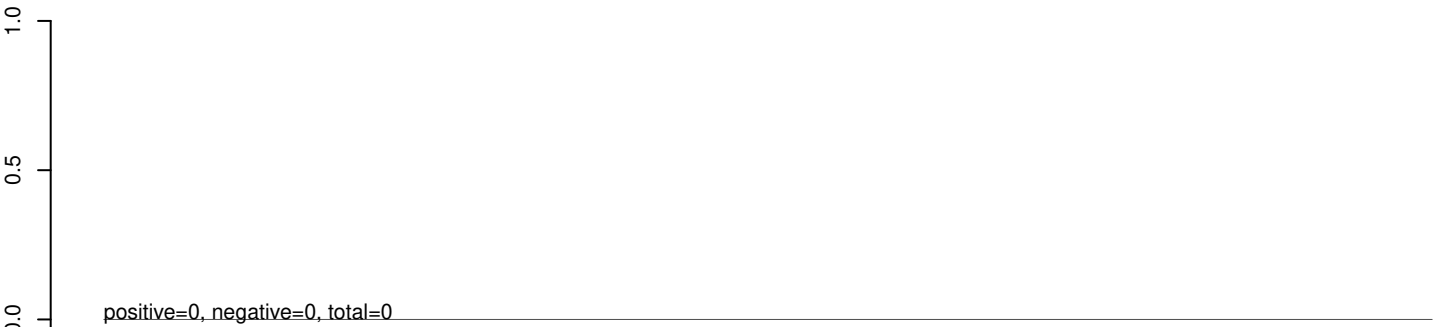
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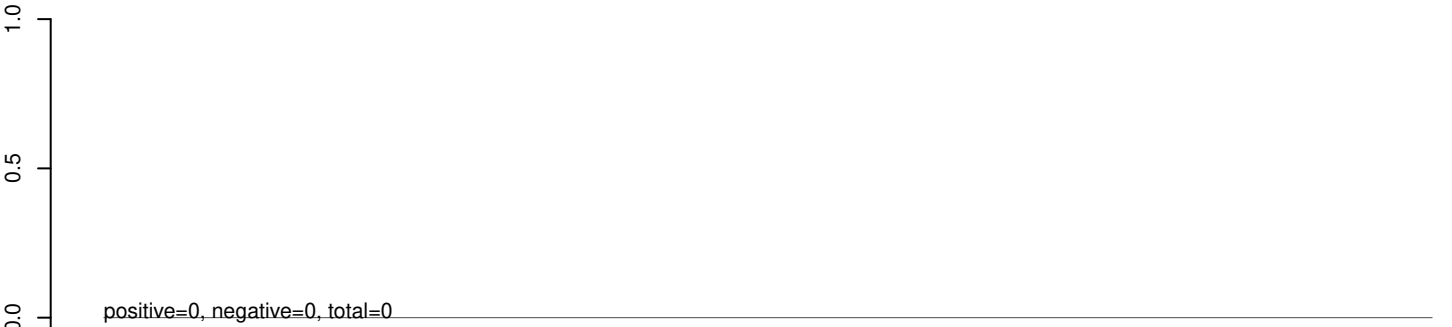
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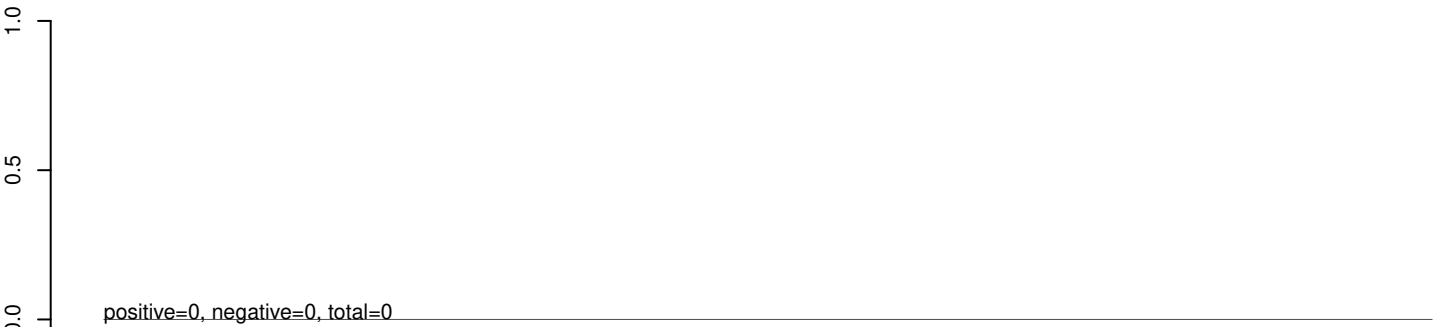
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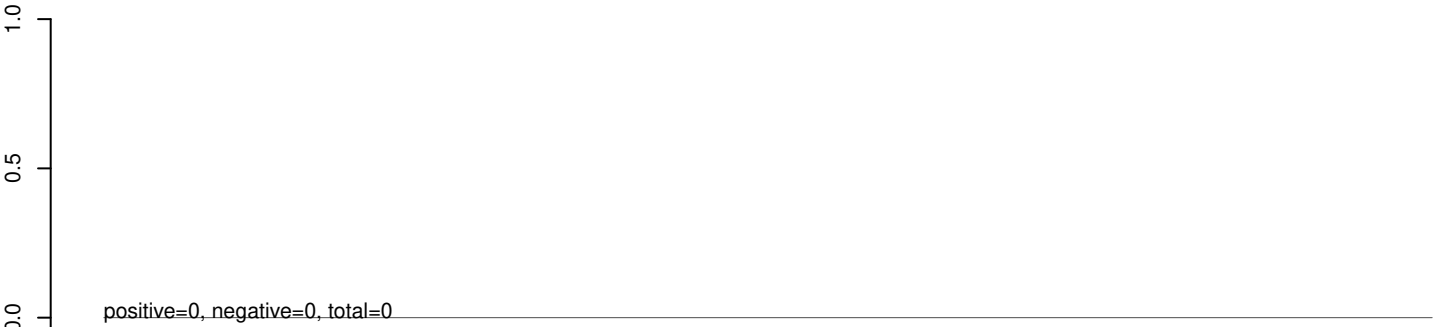
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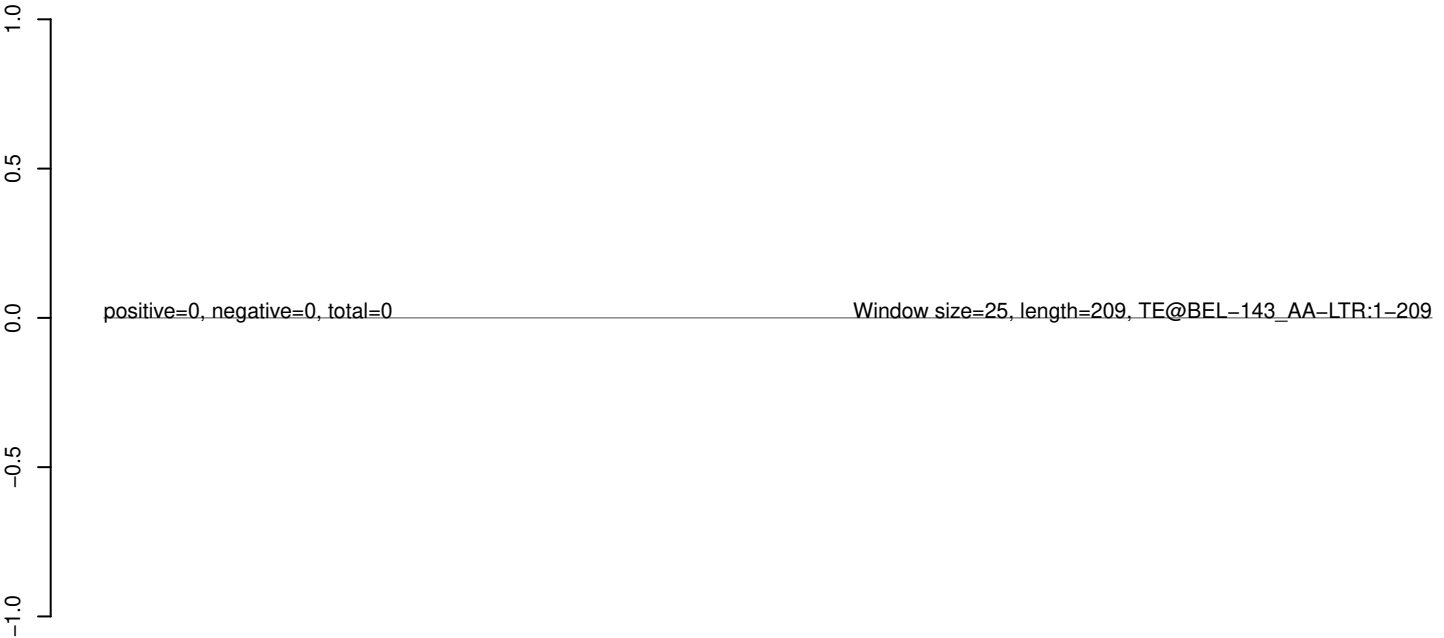
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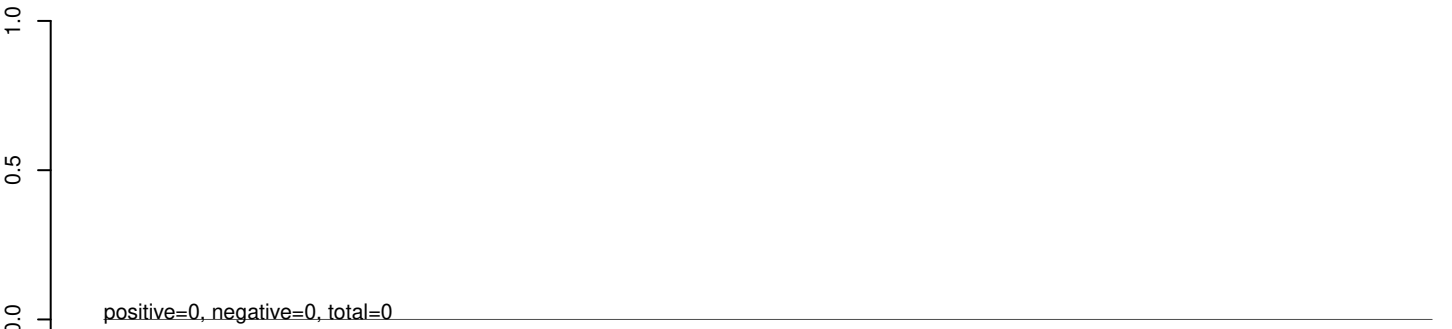


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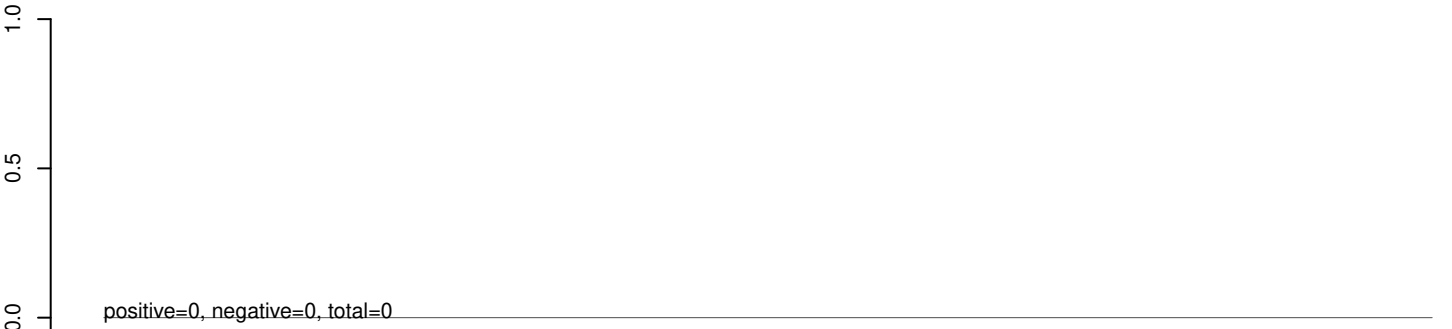




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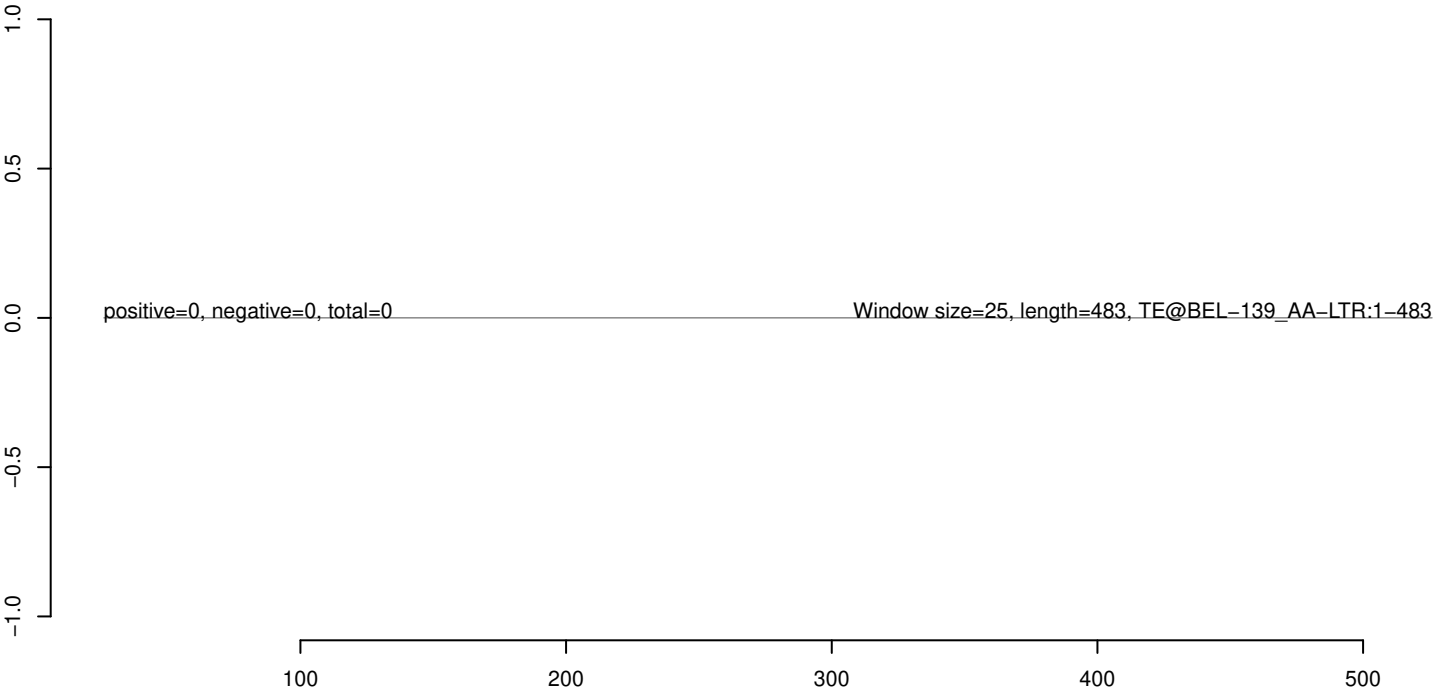
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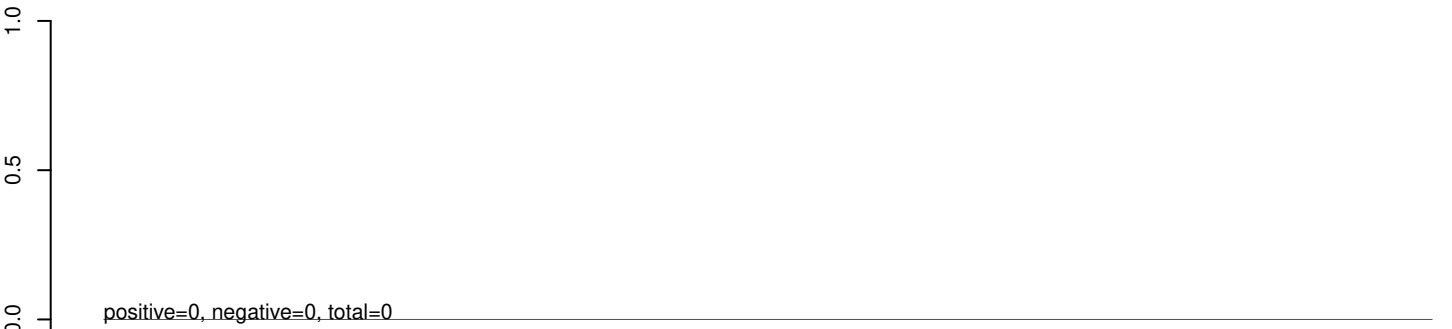
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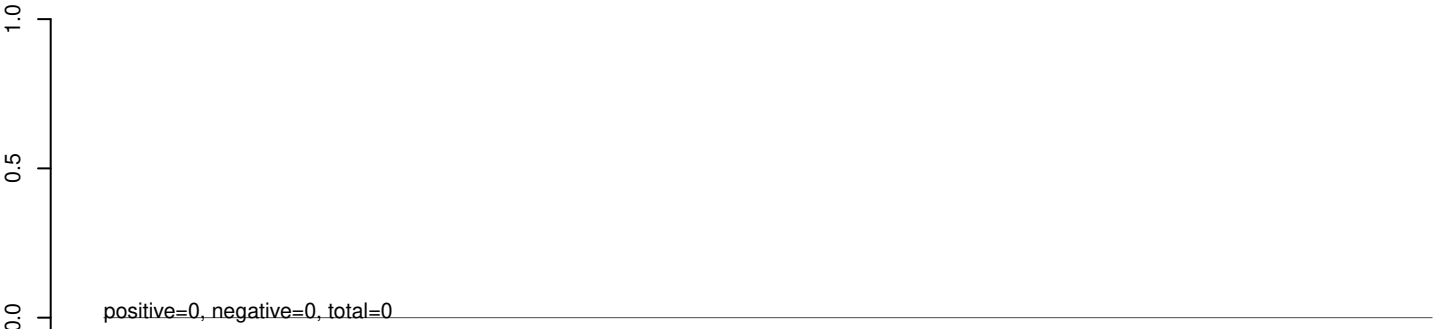
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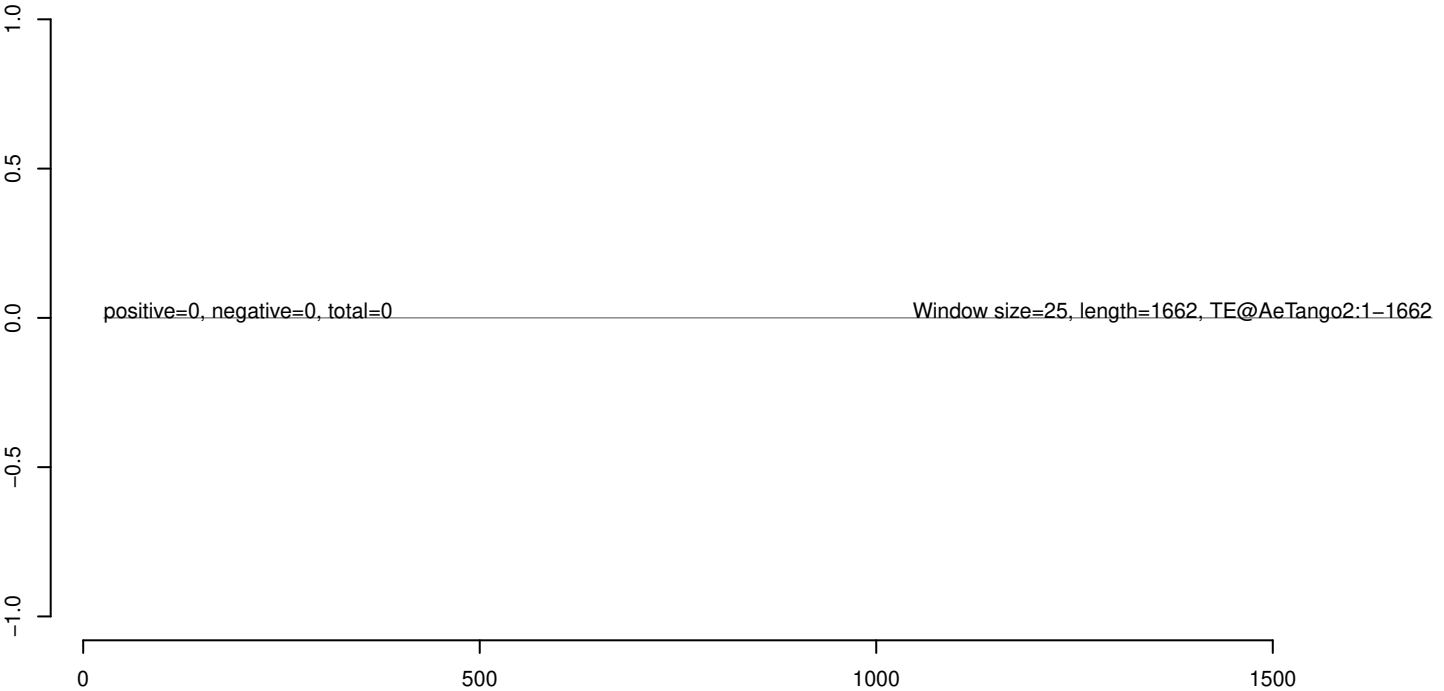
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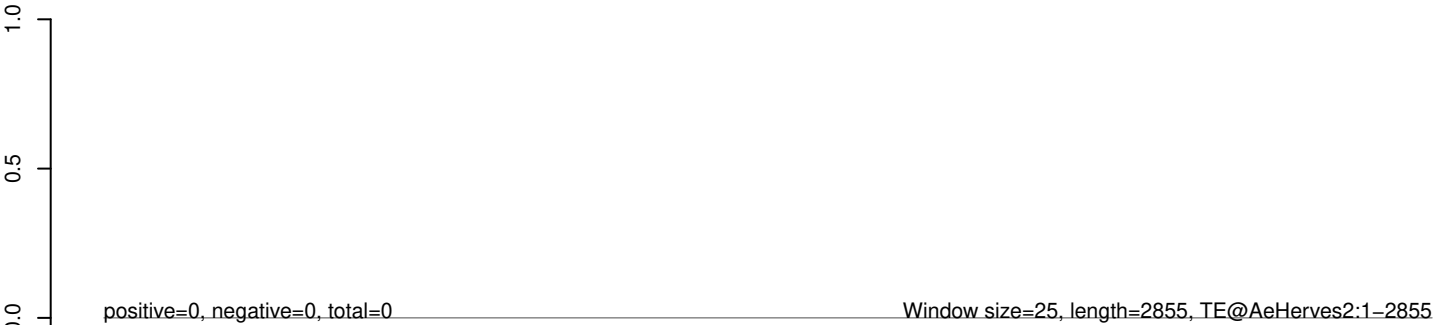
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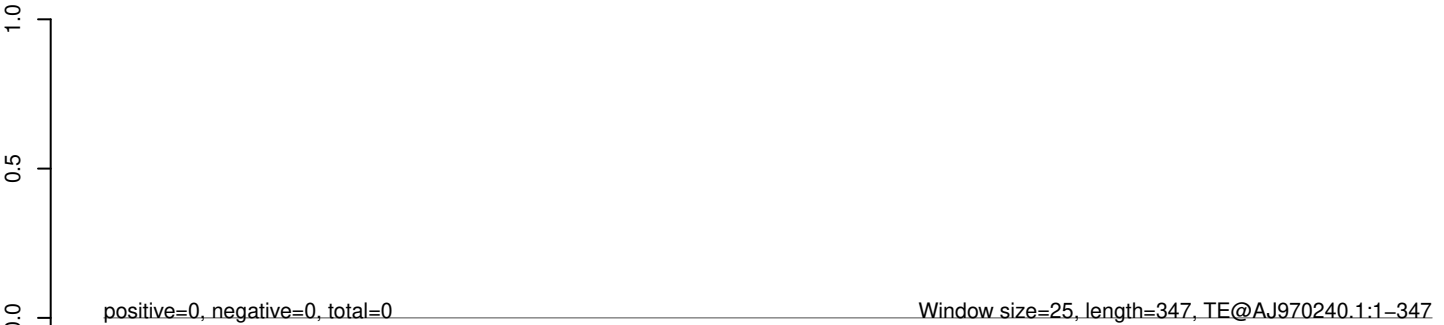
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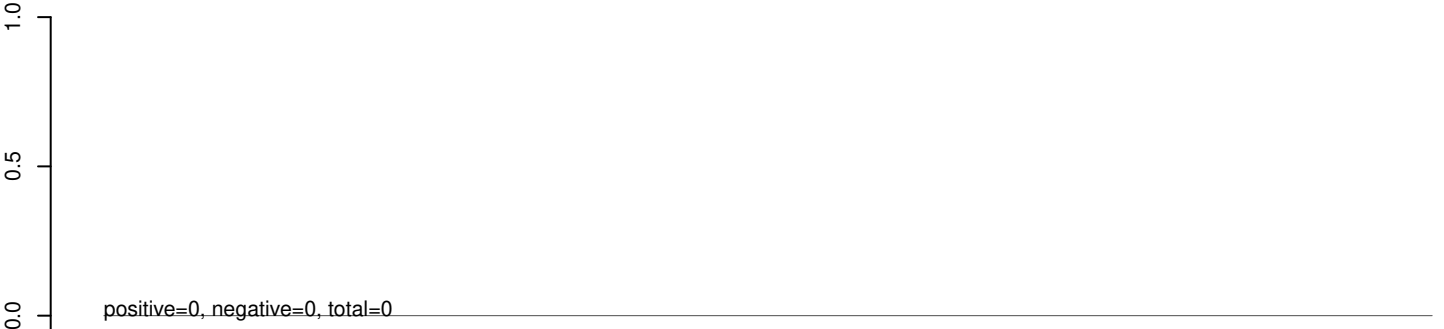


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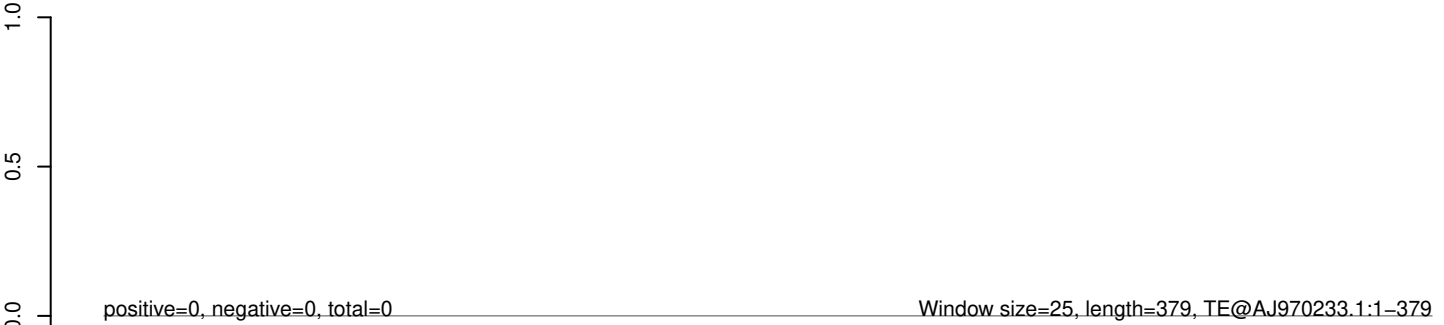
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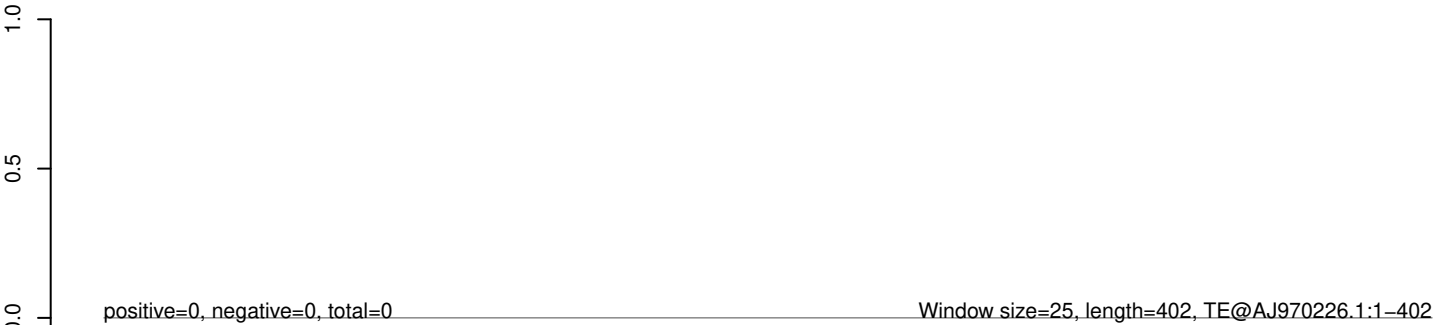
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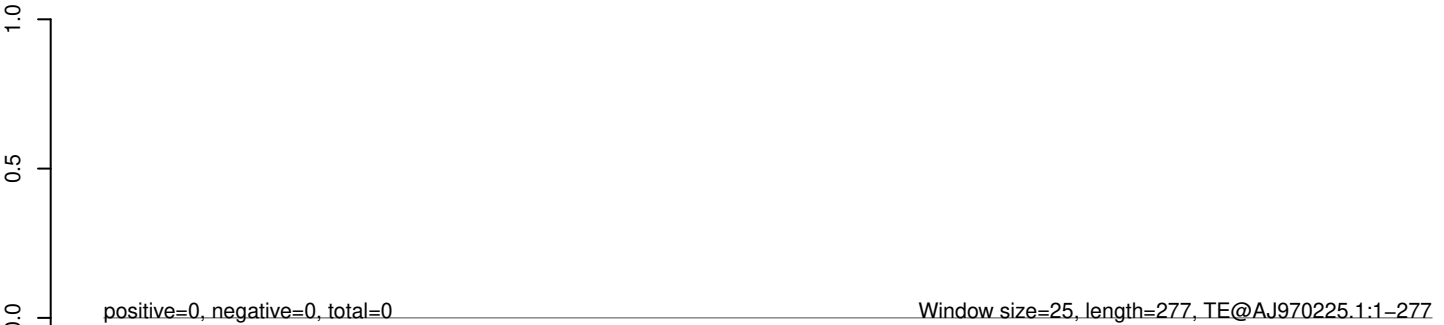
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