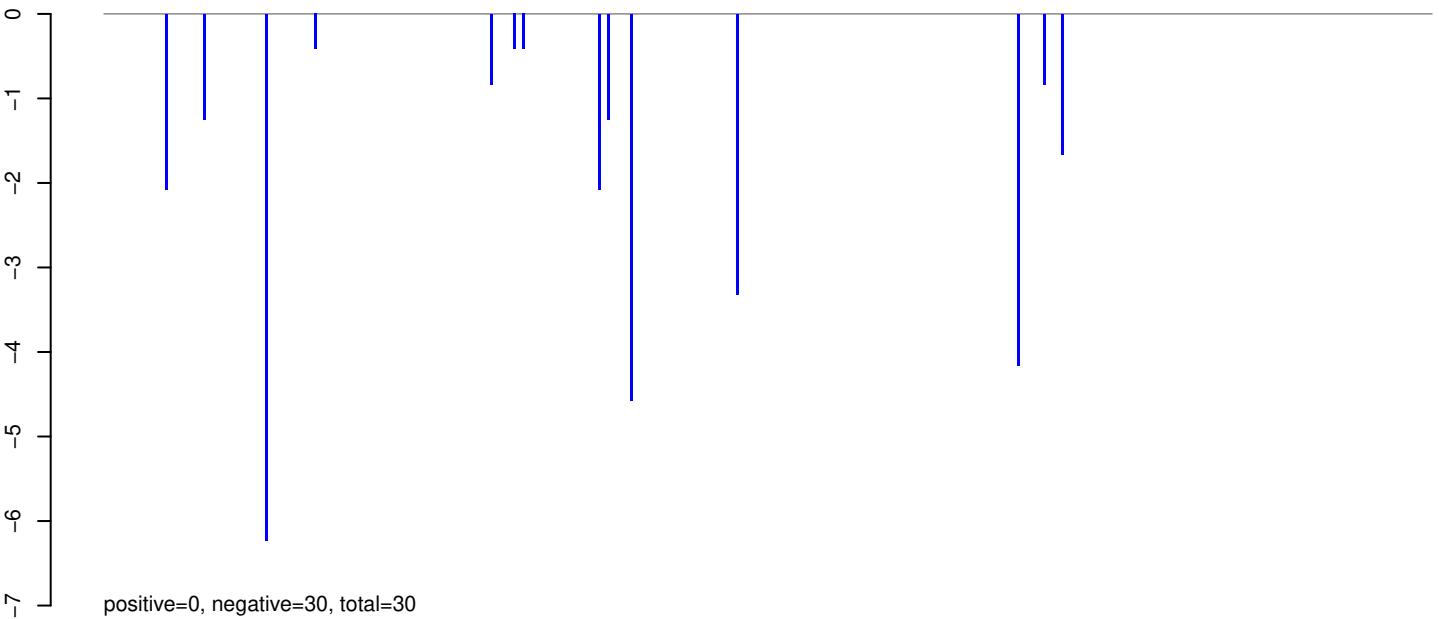
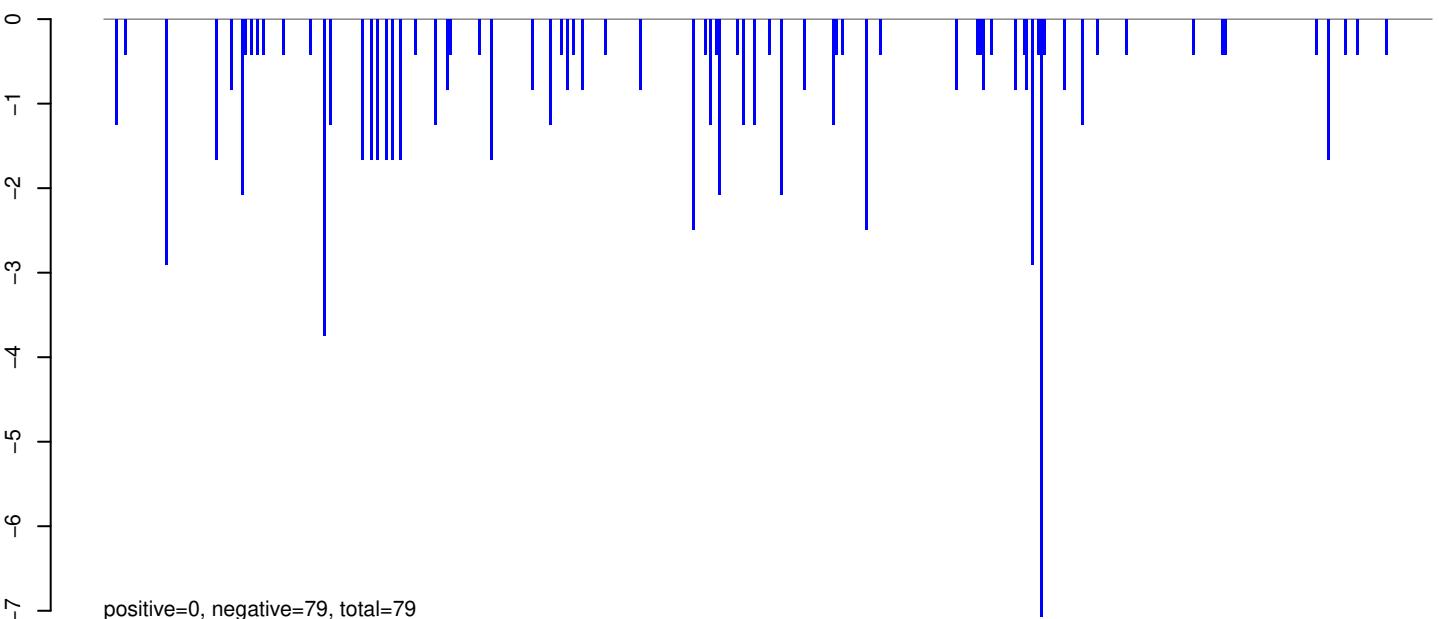


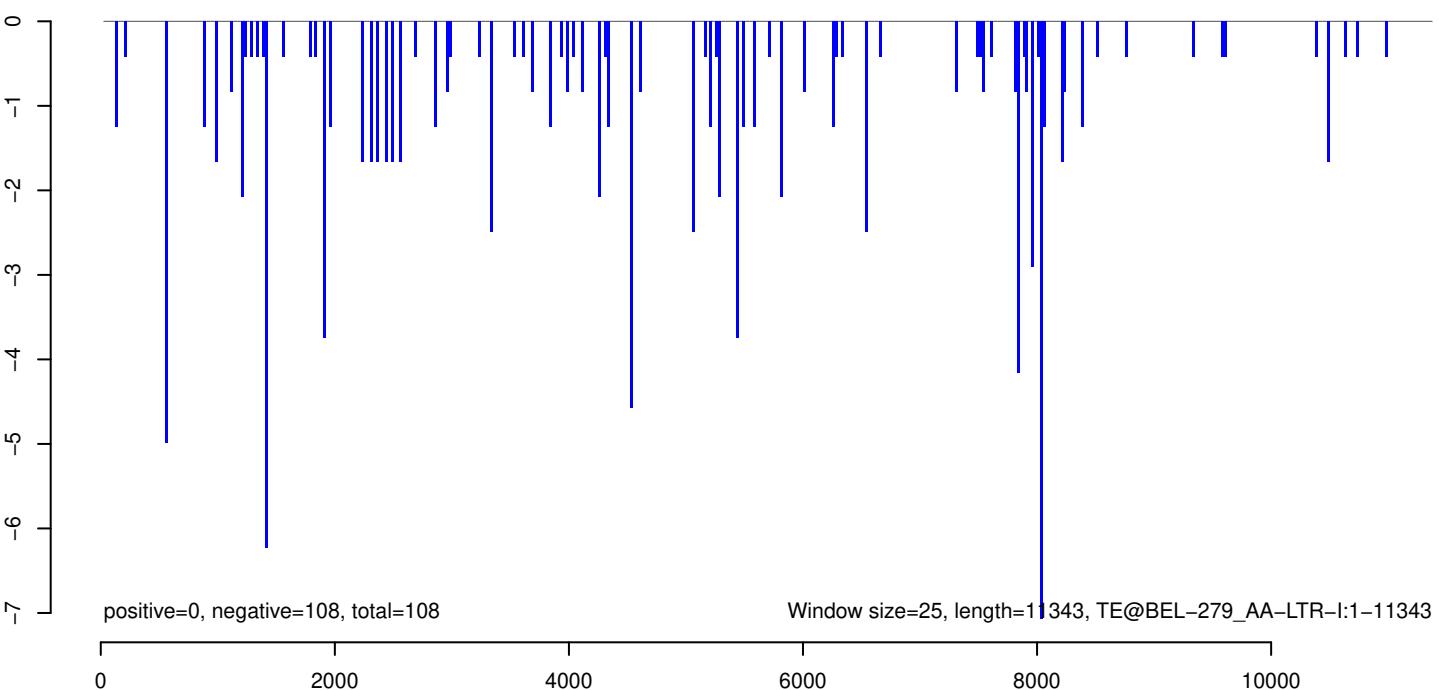
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



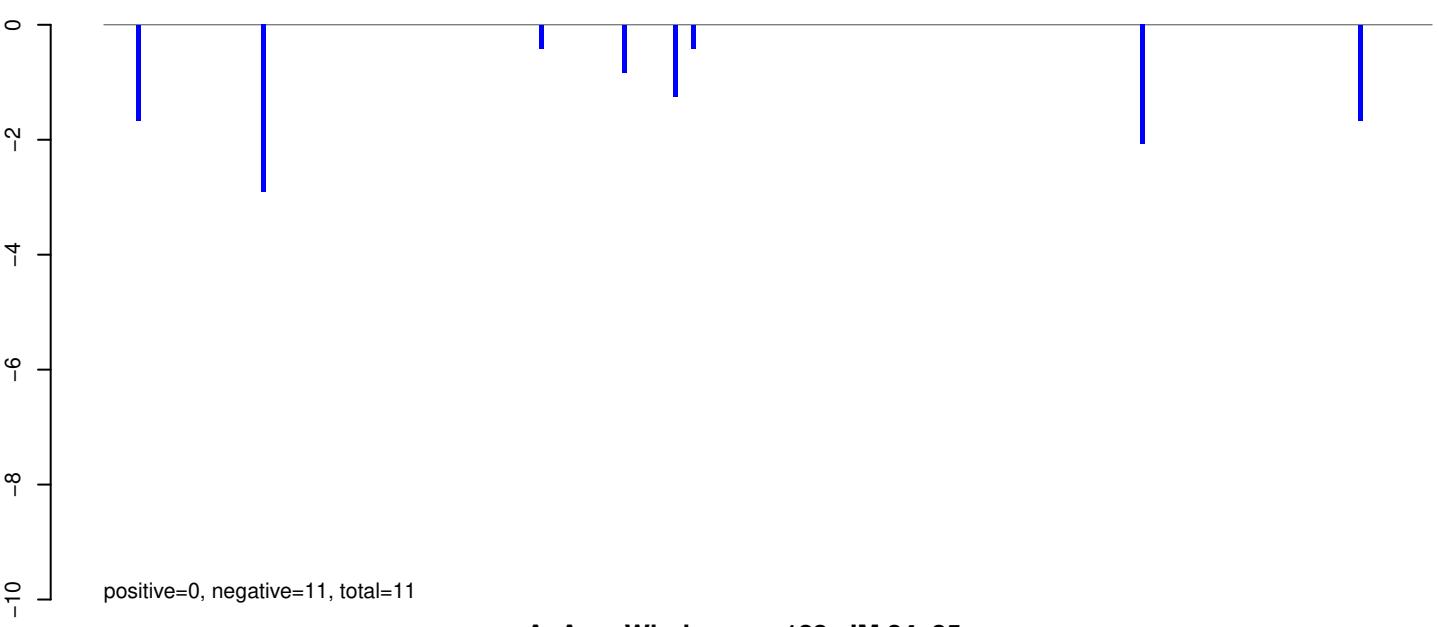
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



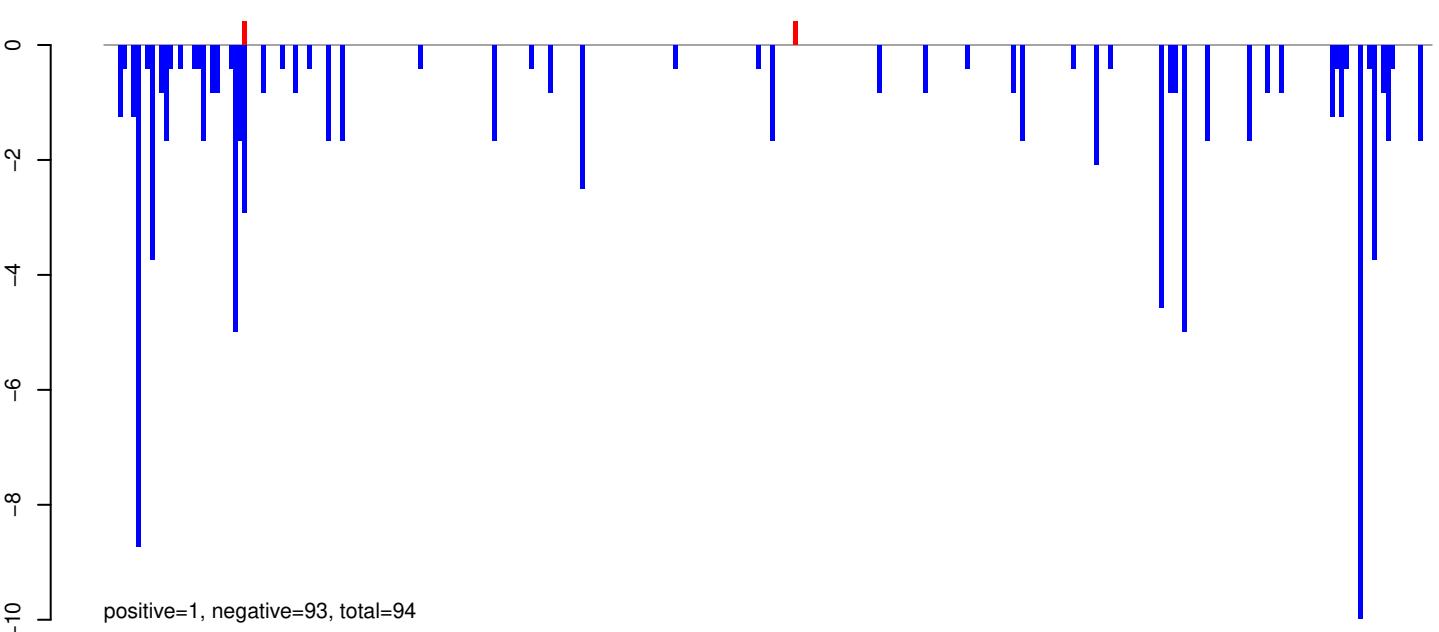
### AeAeg\_Whole\_sm\_r123\_JM.rep



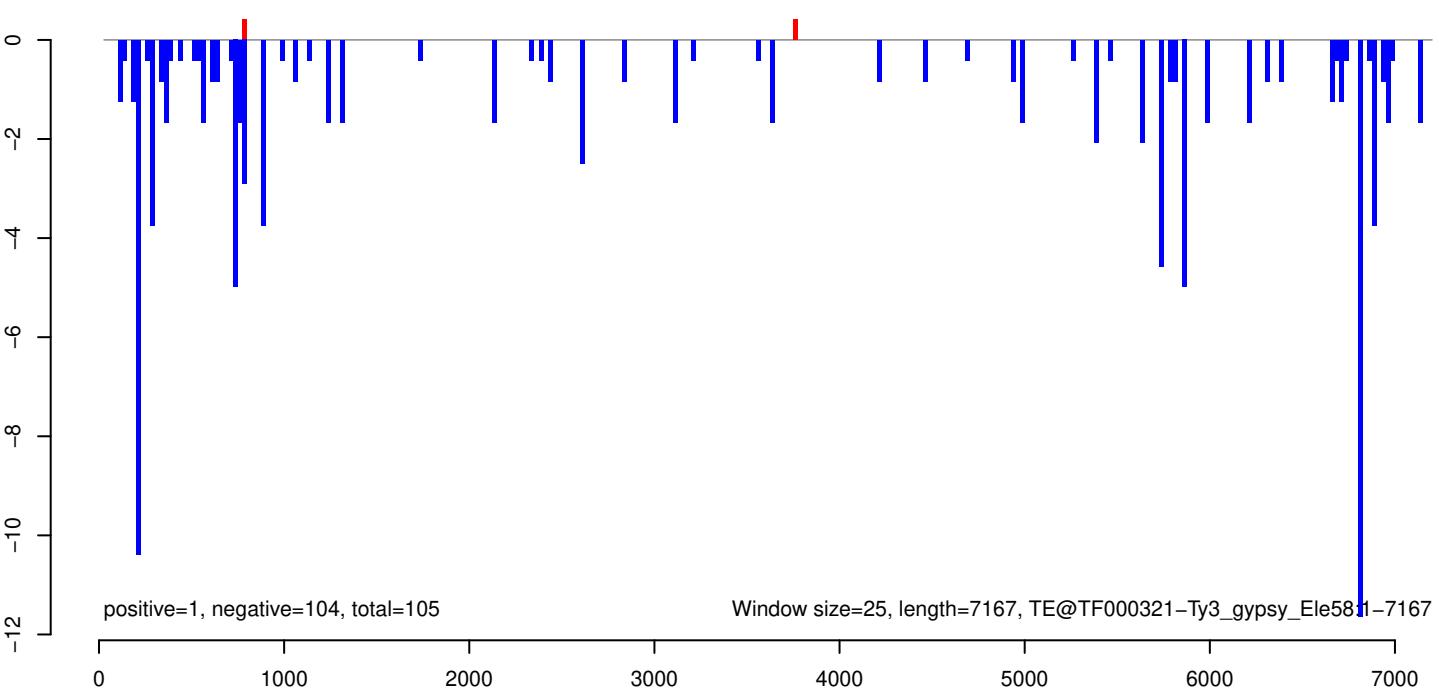
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



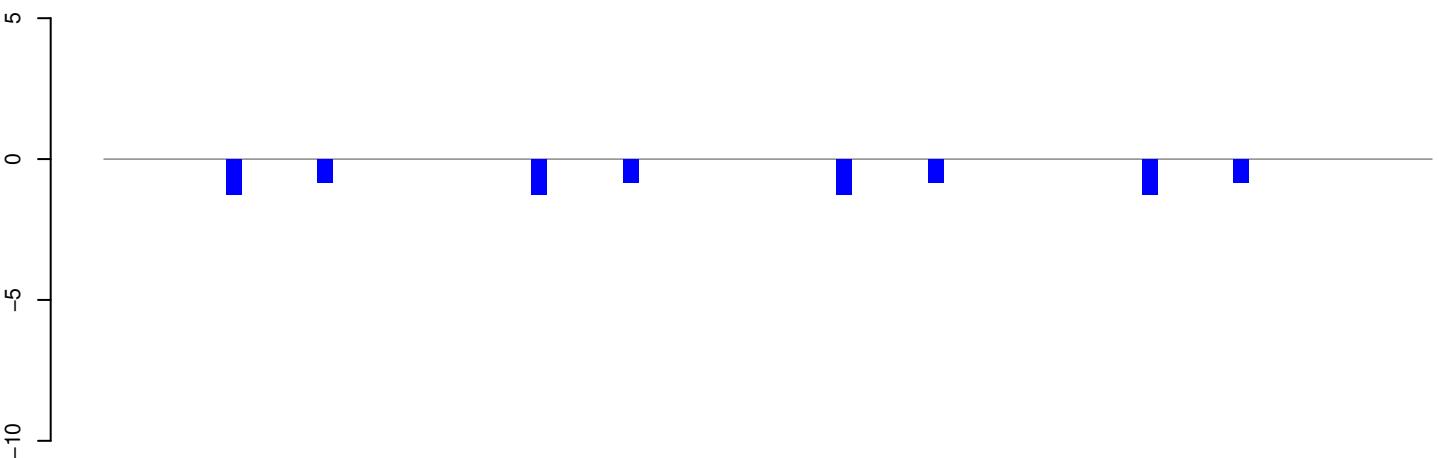
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



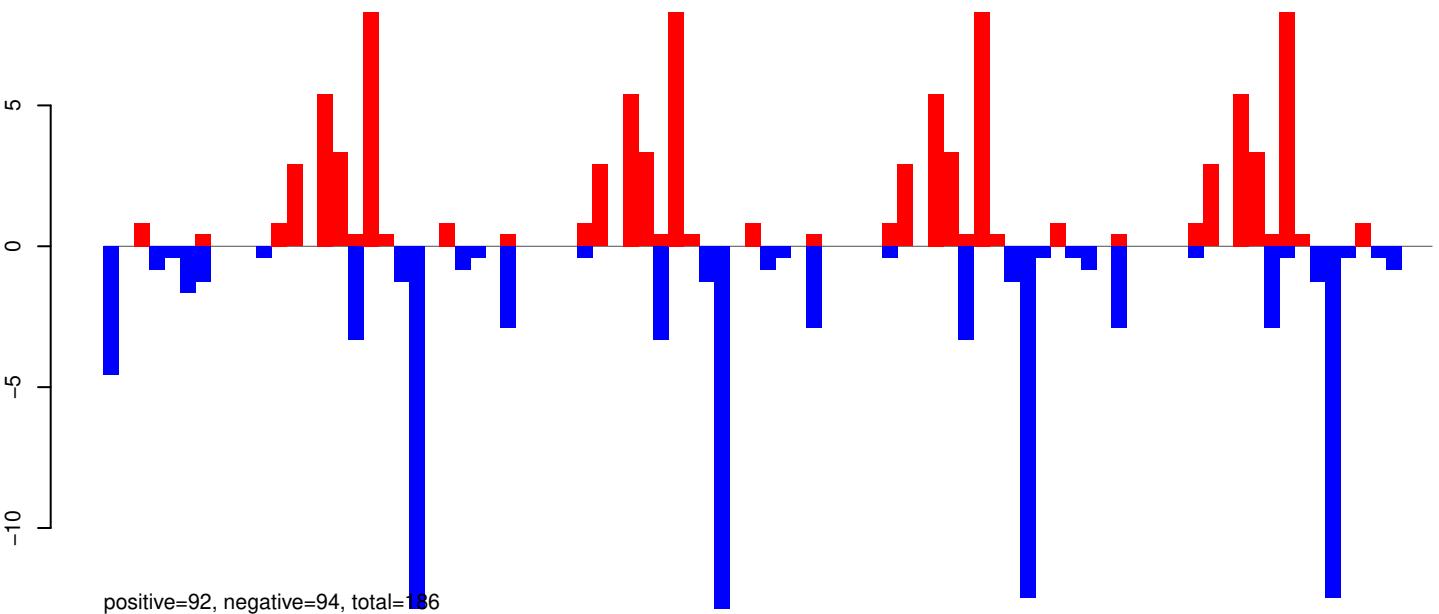
### AeAeg\_Whole\_sm\_r123\_JM.rep



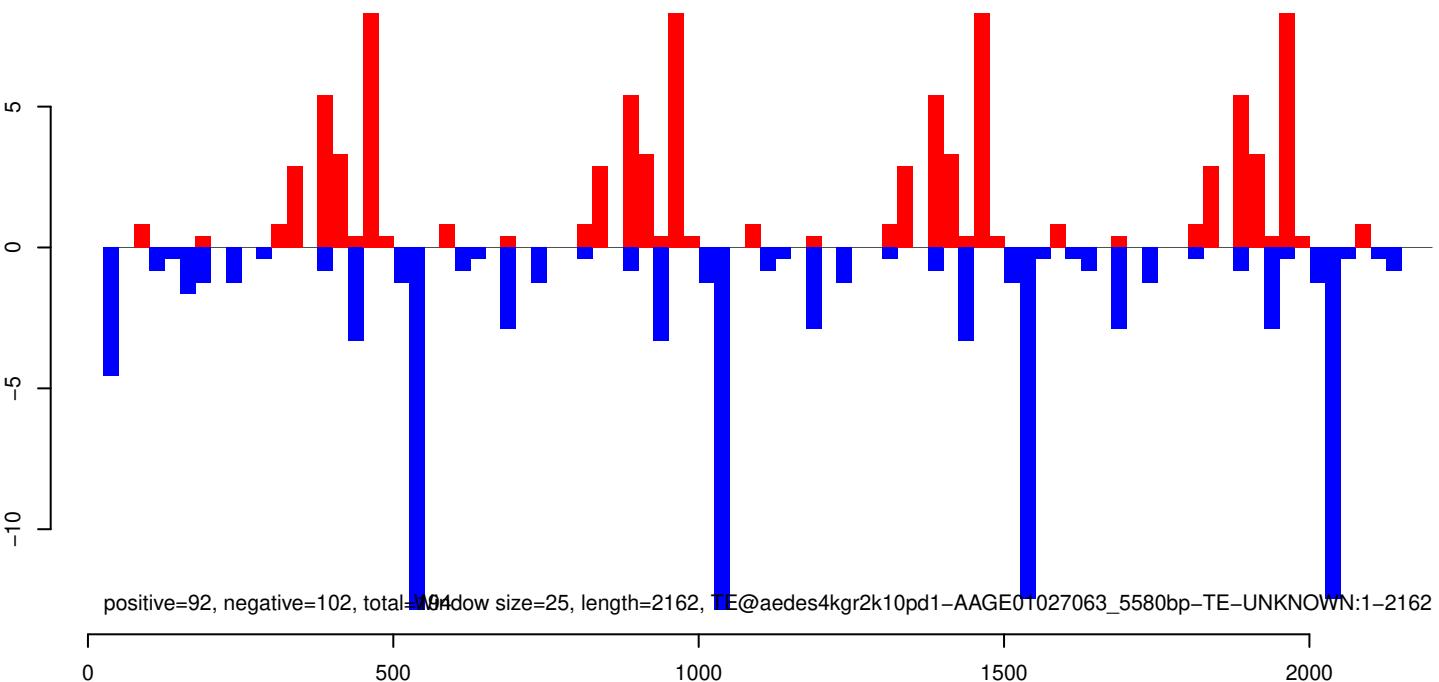
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



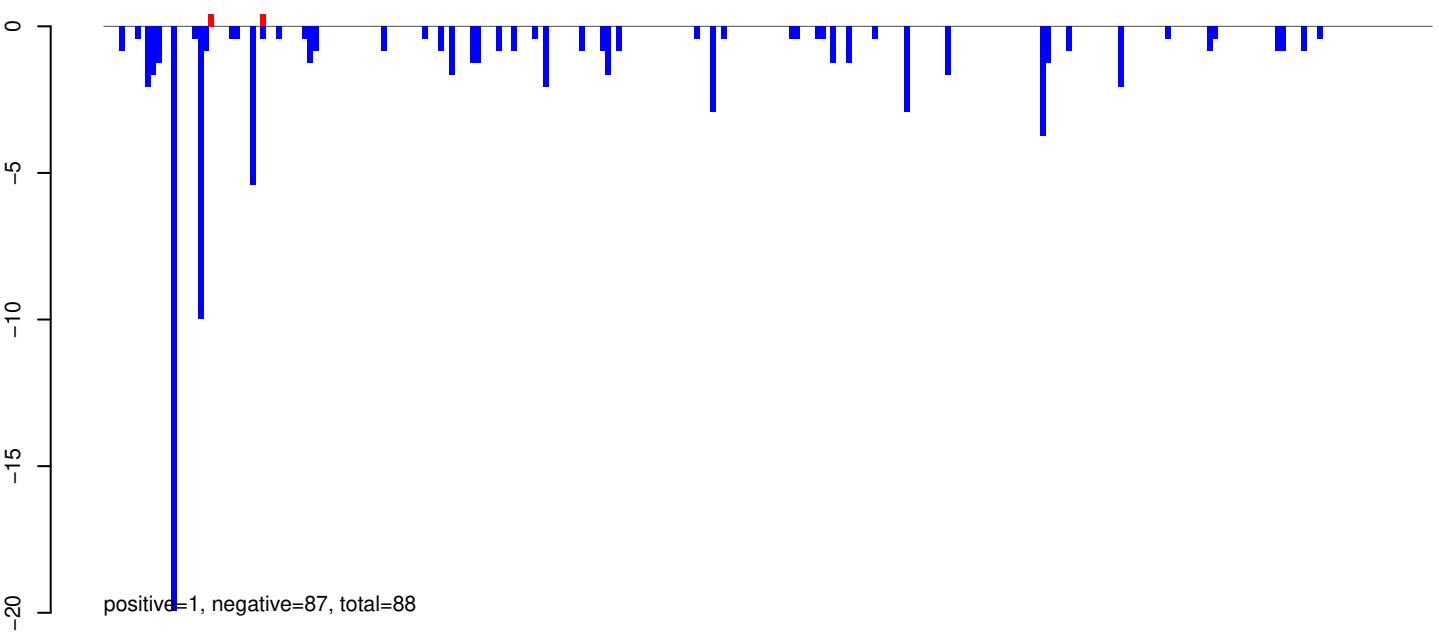
### AeAeg\_Whole\_sm\_r123\_JM.rep



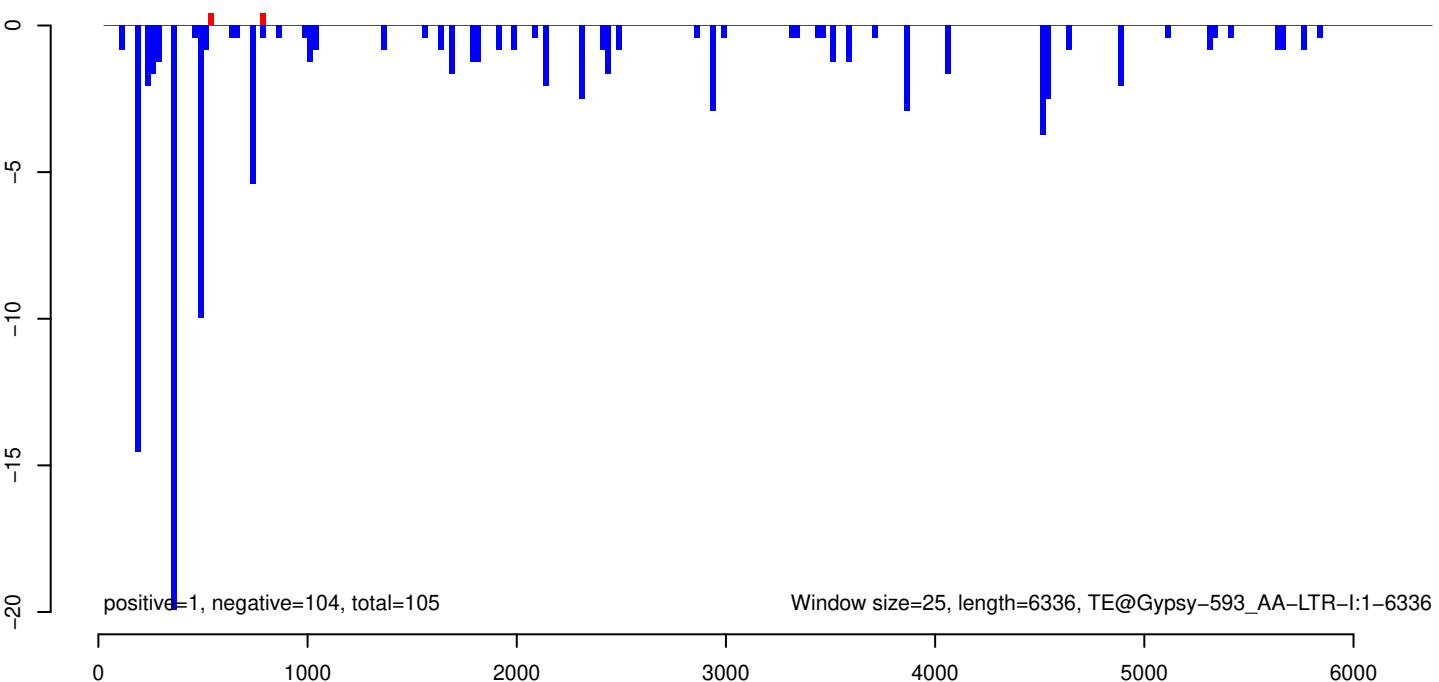
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



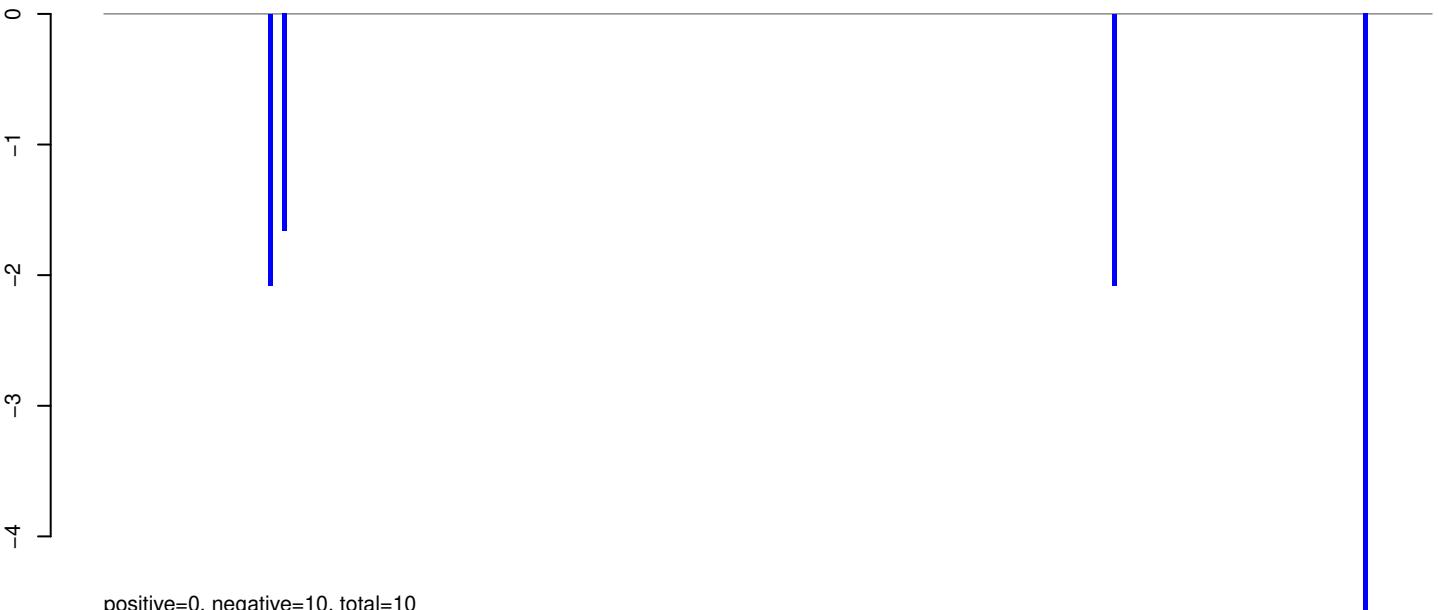
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



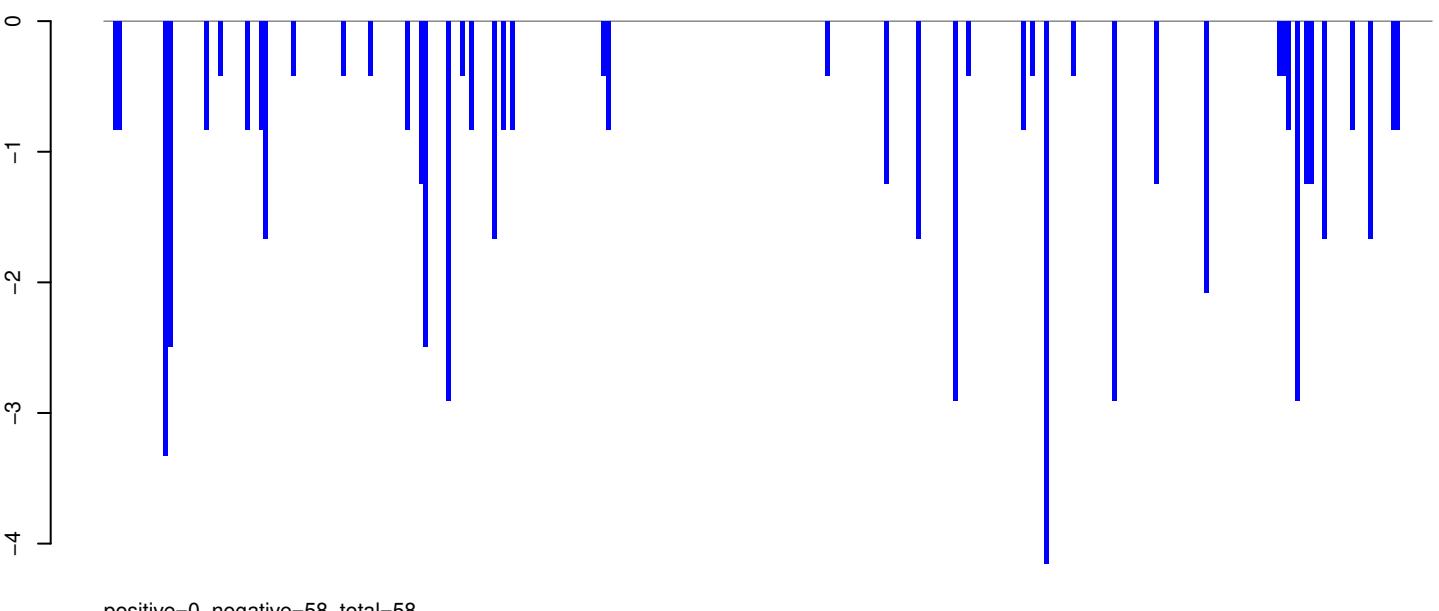
### AeAeg\_Whole\_sm\_r123\_JM.rep



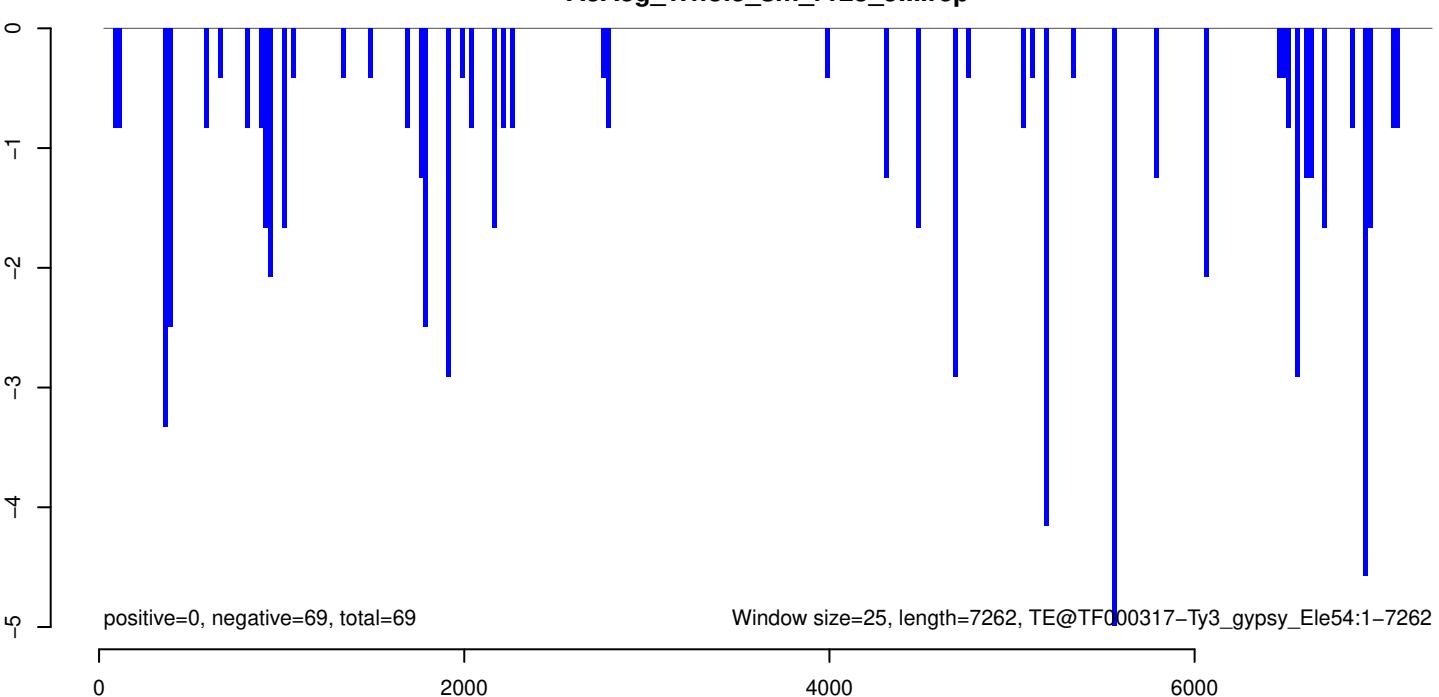
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



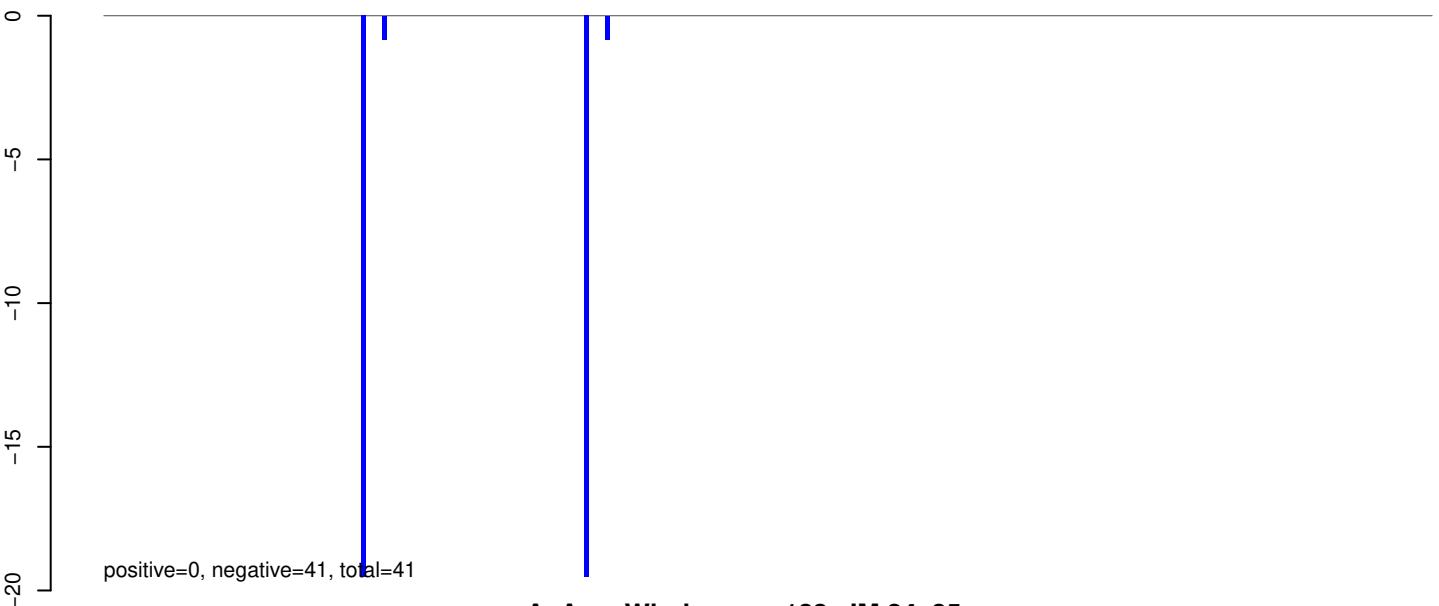
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



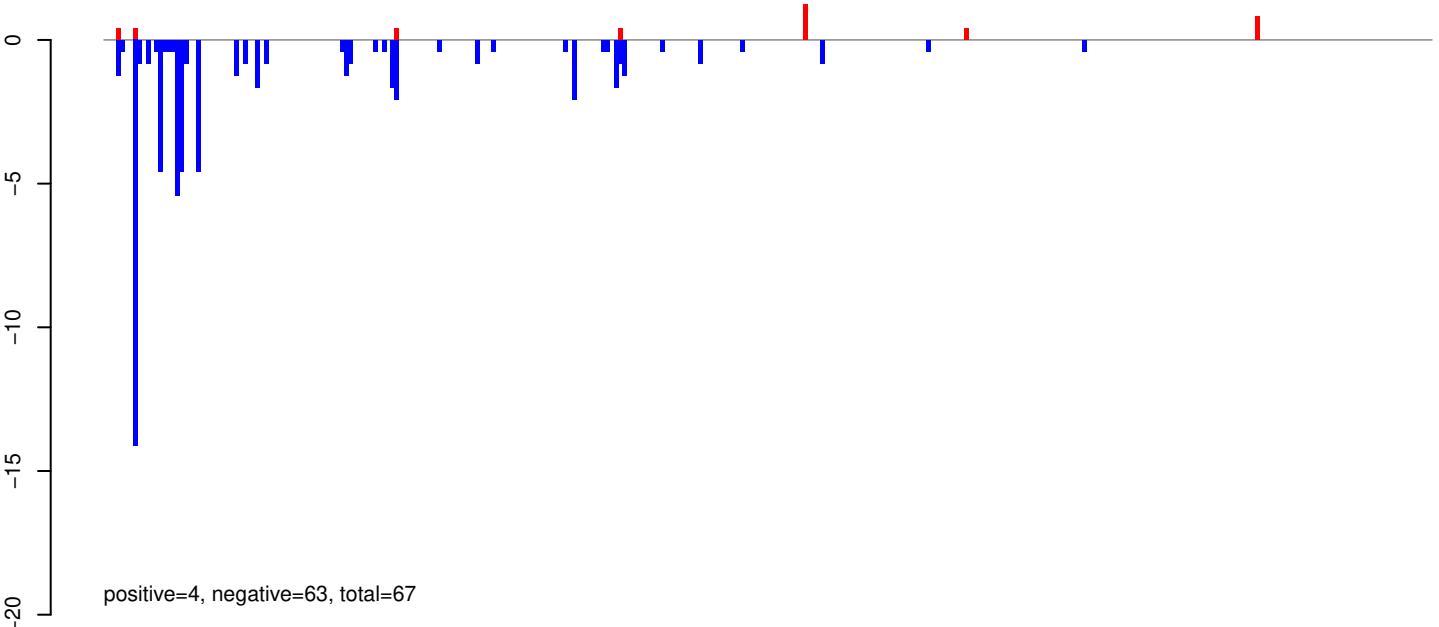
### AeAeg\_Whole\_sm\_r123\_JM.rep



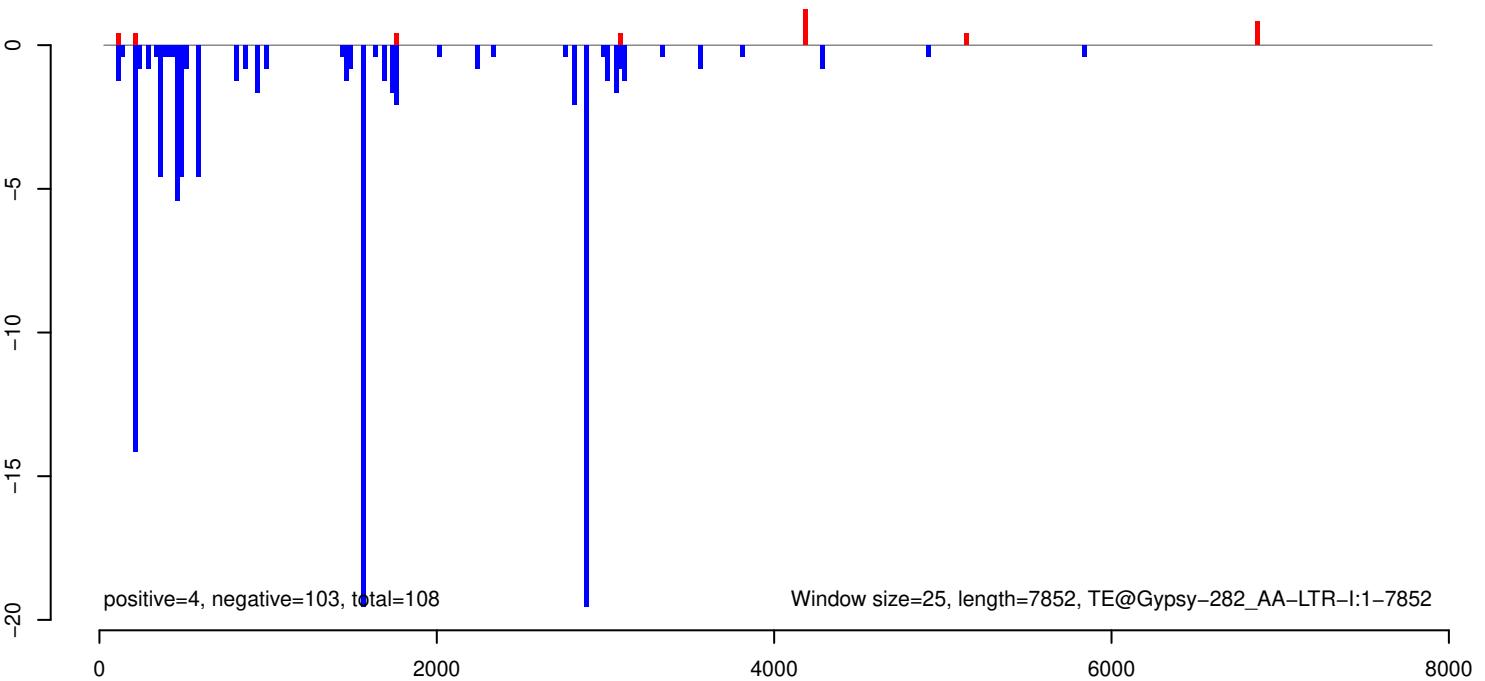
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



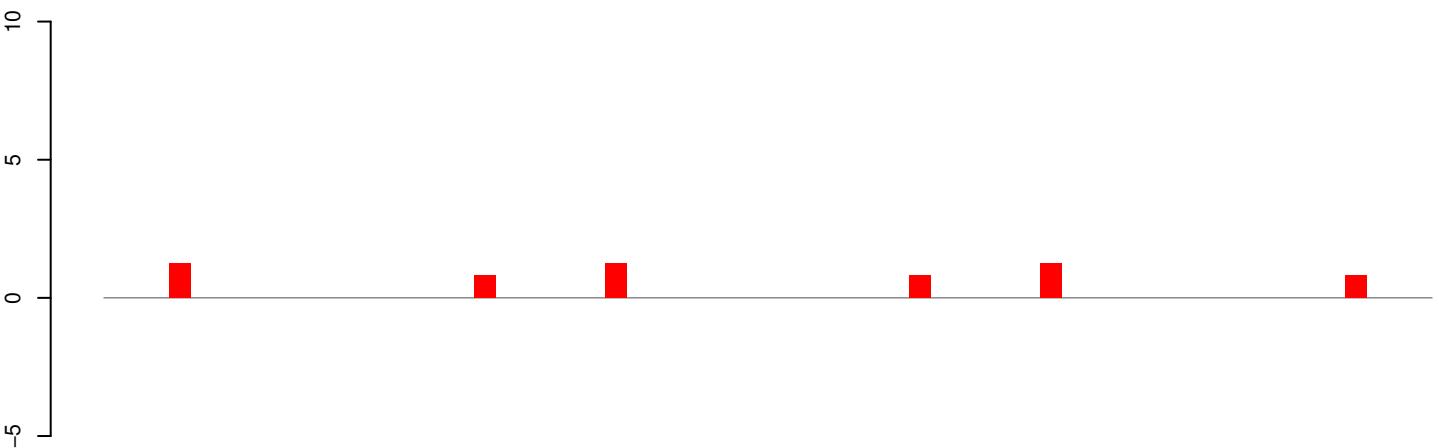
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

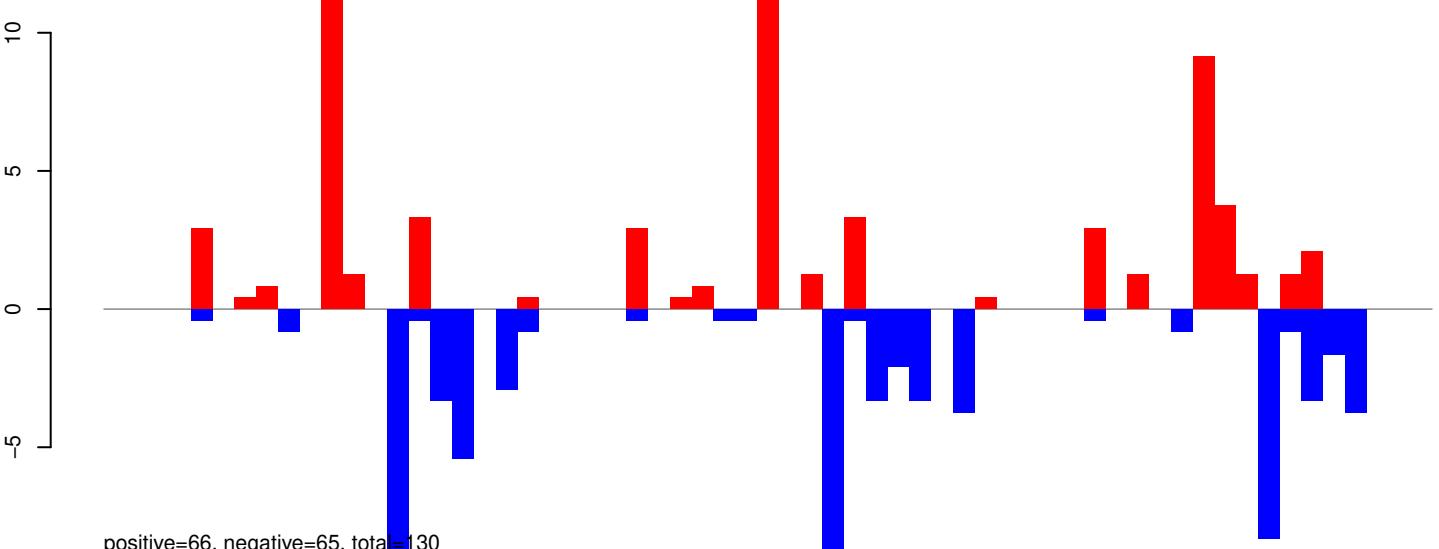


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

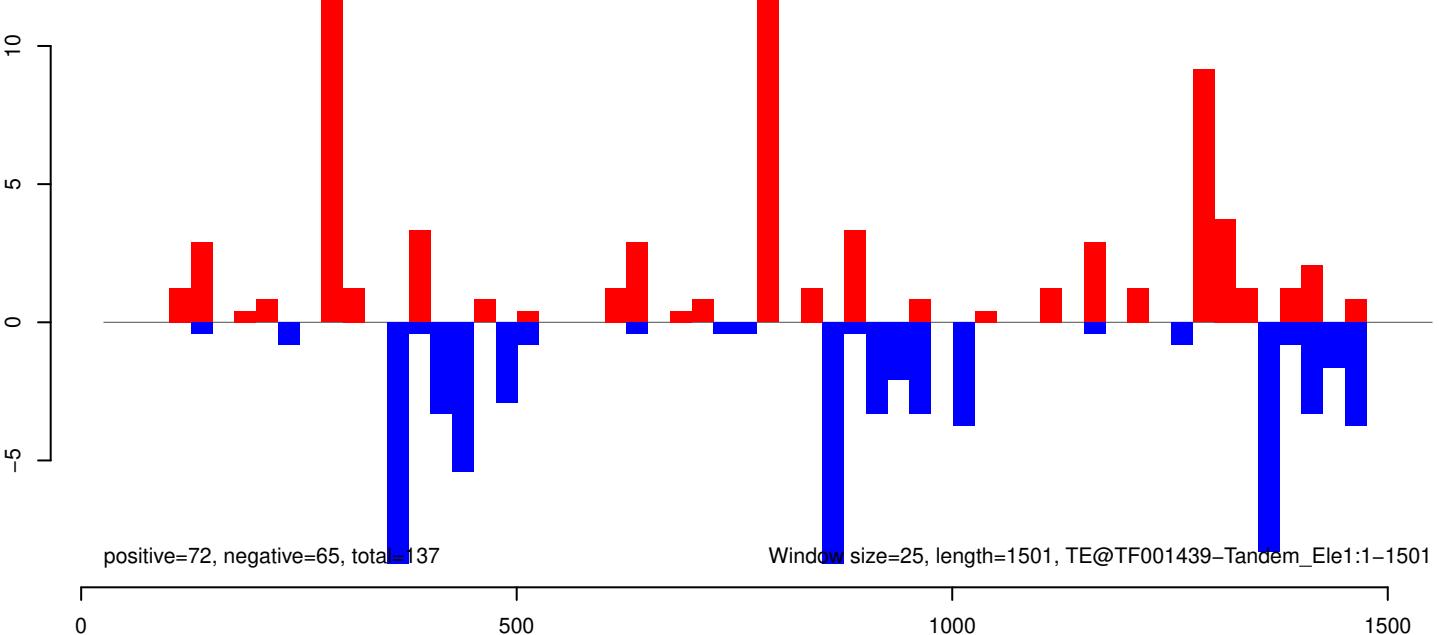


positive=6, negative=0, total=6

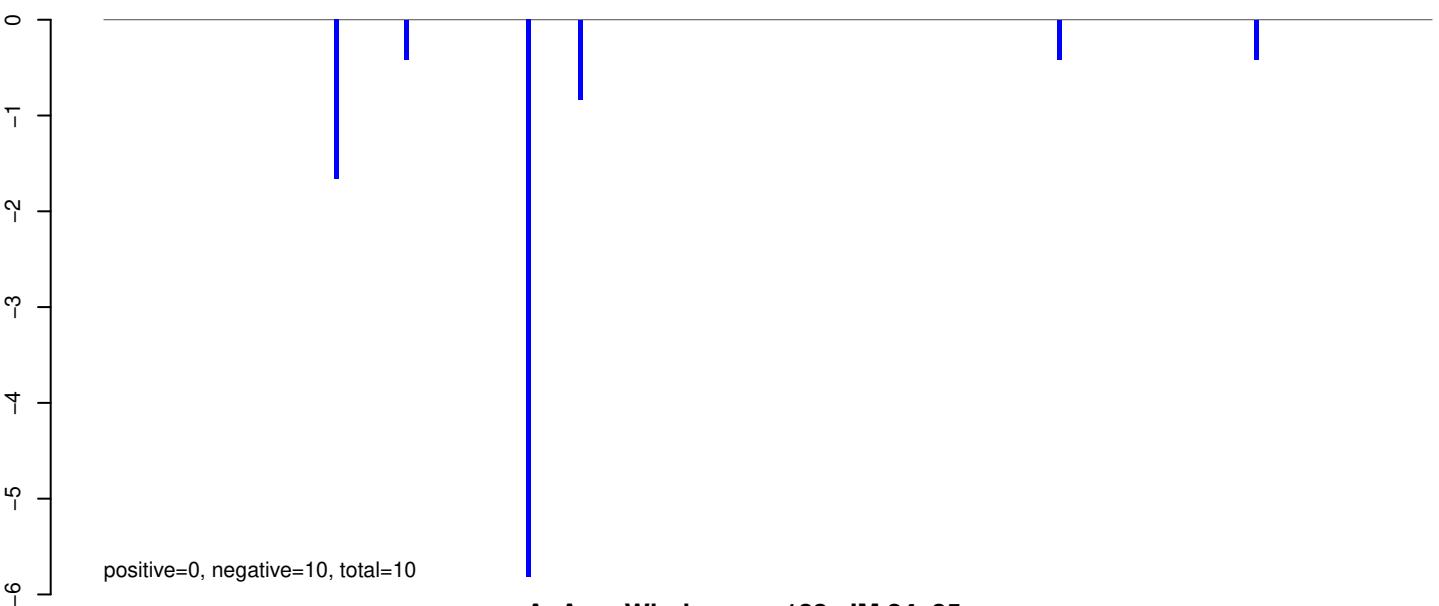
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



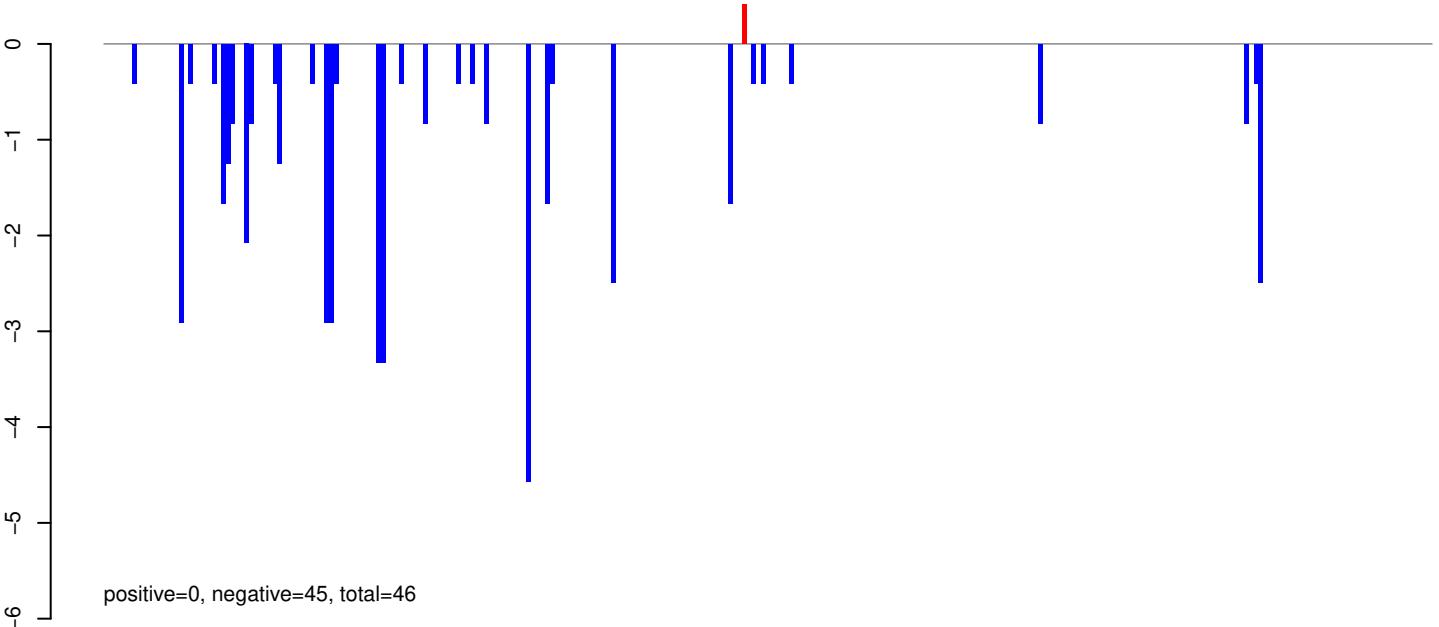
### AeAeg\_Whole\_sm\_r123\_JM.rep



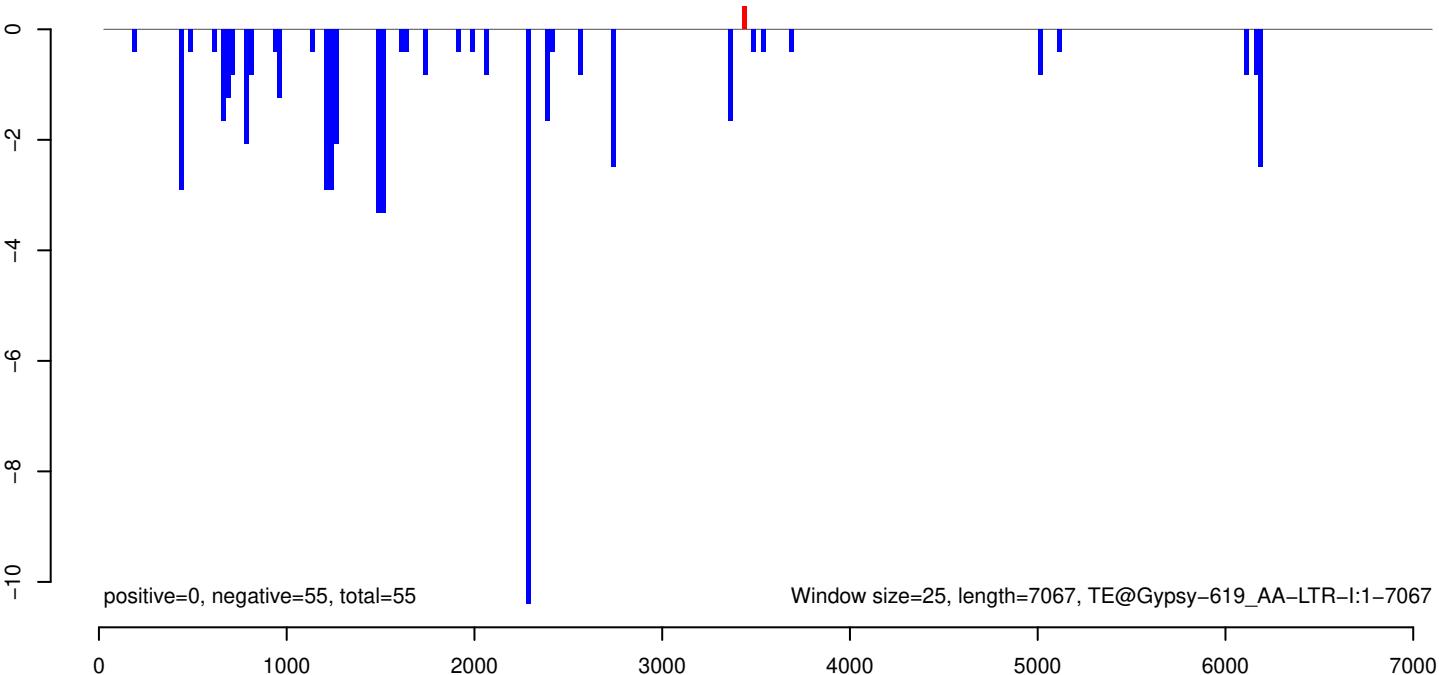
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



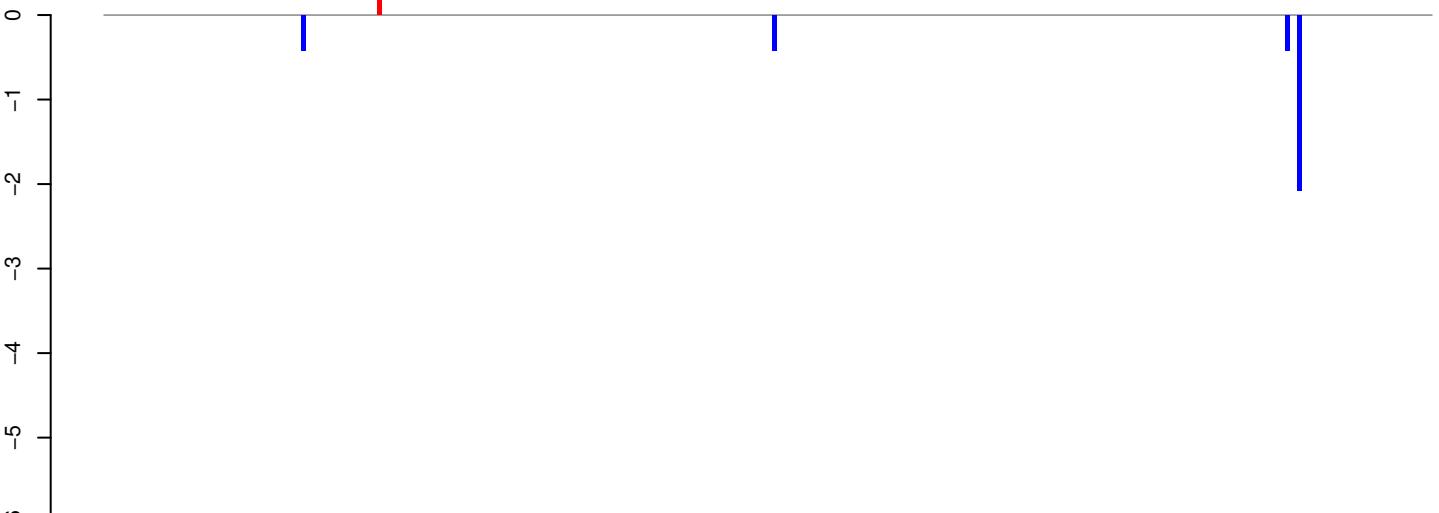
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

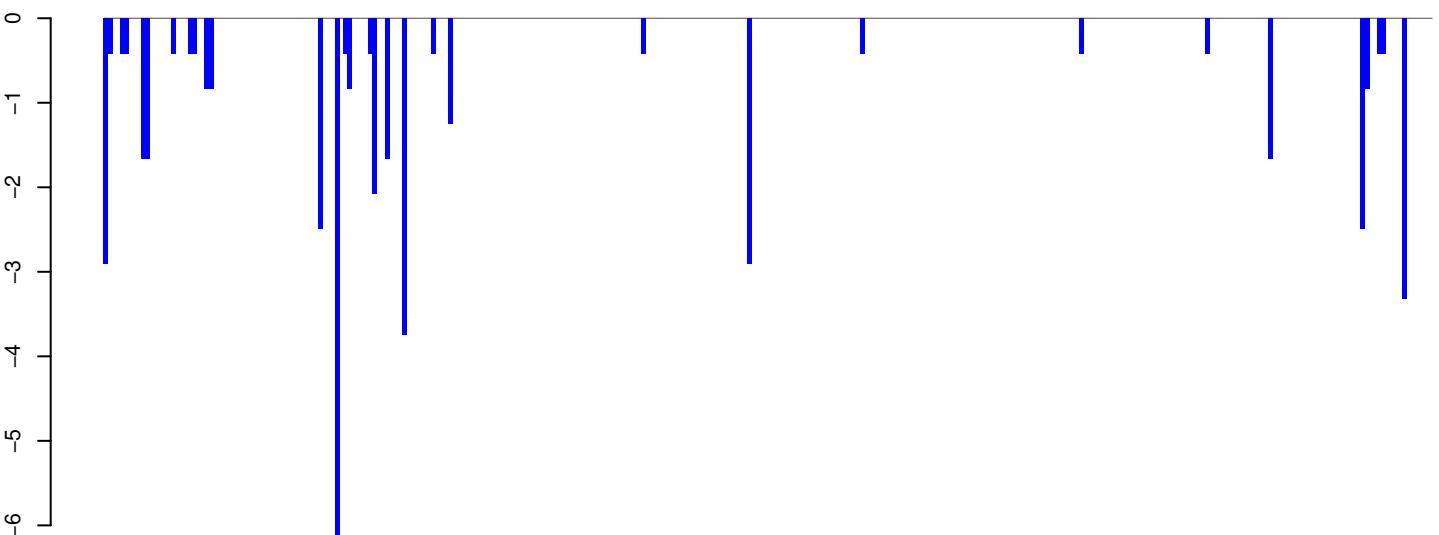


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



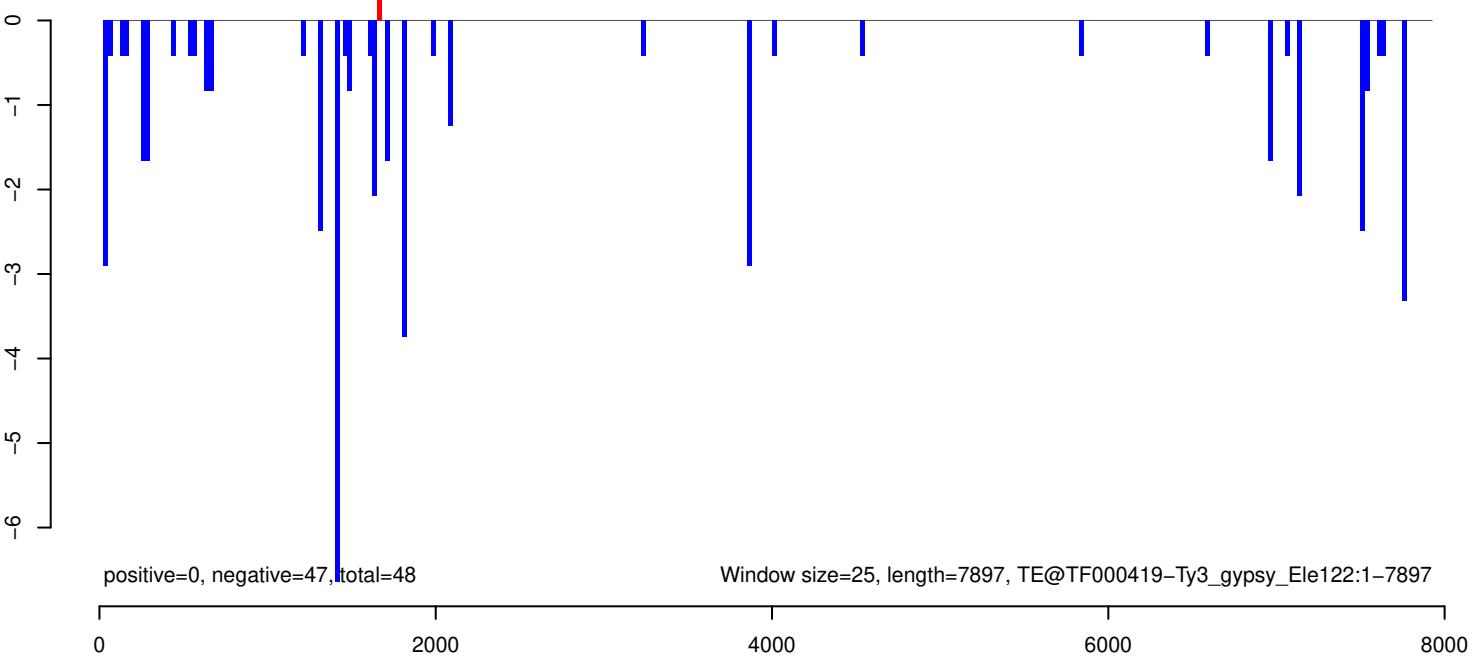
positive=0, negative=3, total=4

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=44, total=44

### AeAeg\_Whole\_sm\_r123\_JM.rep

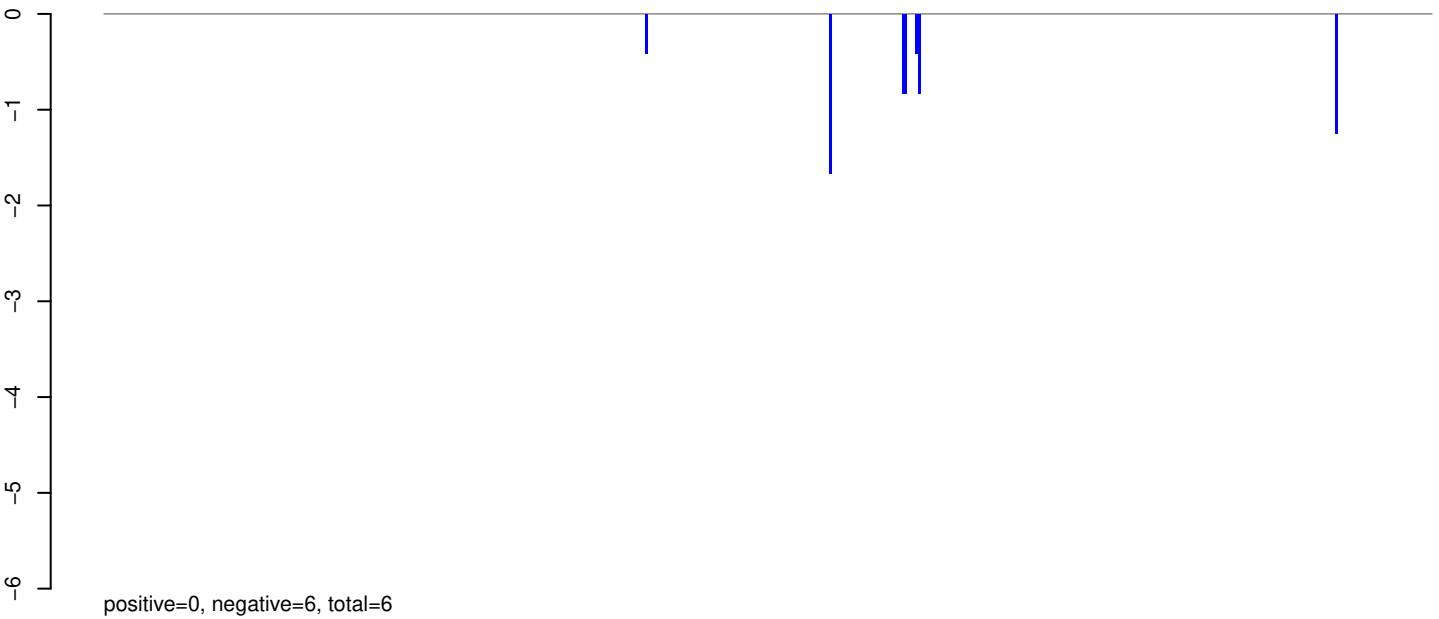


positive=0, negative=47, total=48

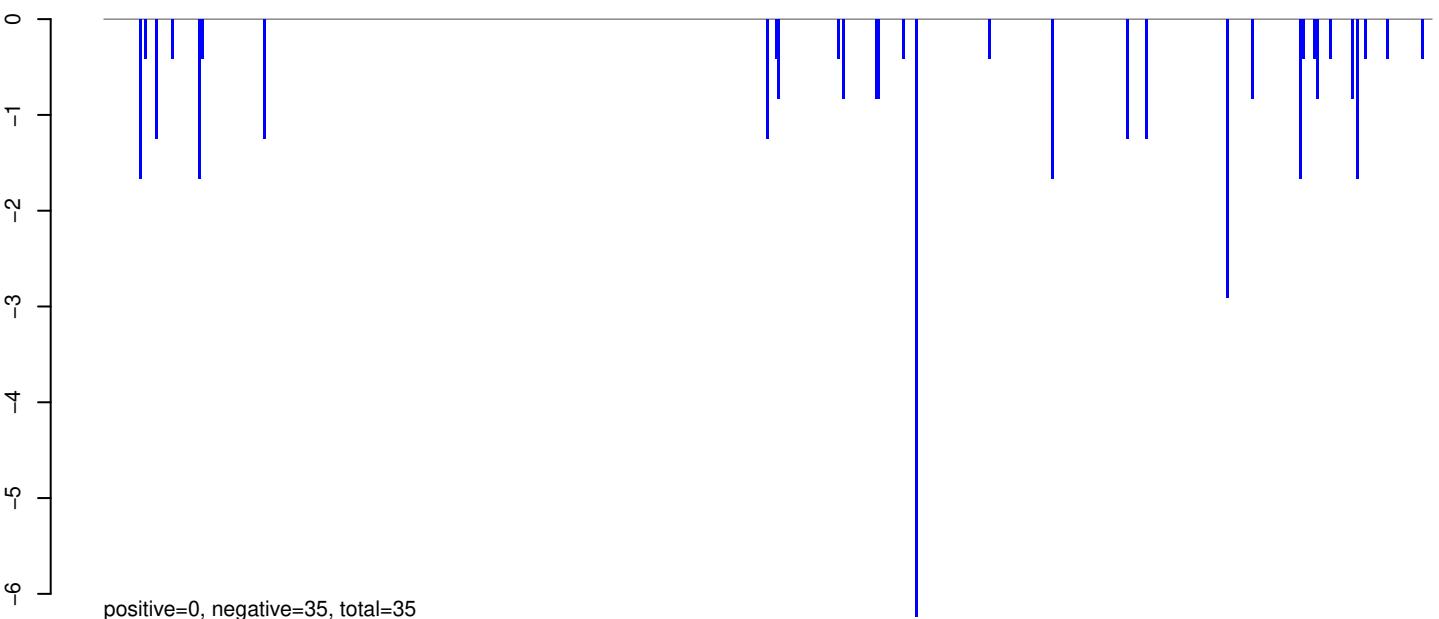
Window size=25, length=7897, TE@TF000419-Ty3\_gypsy\_Ele122:1-7897

0 2000 4000 6000 8000

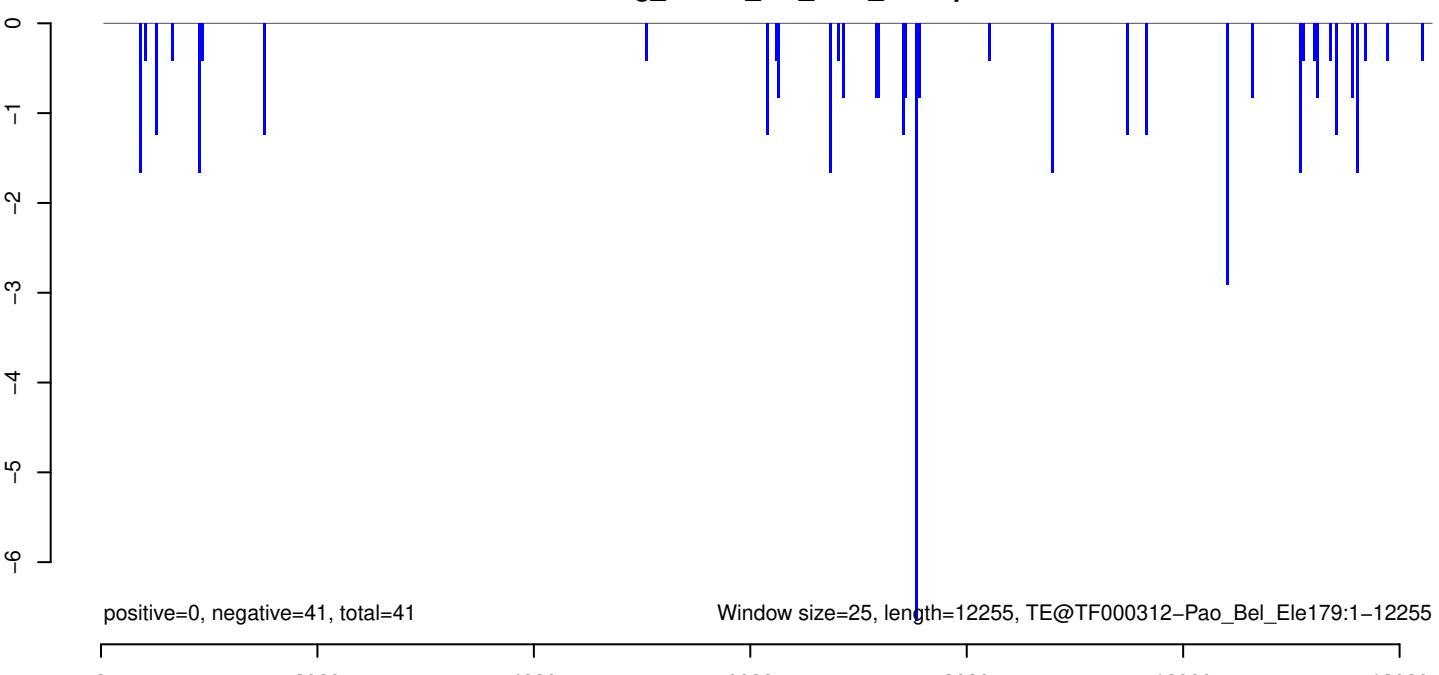
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



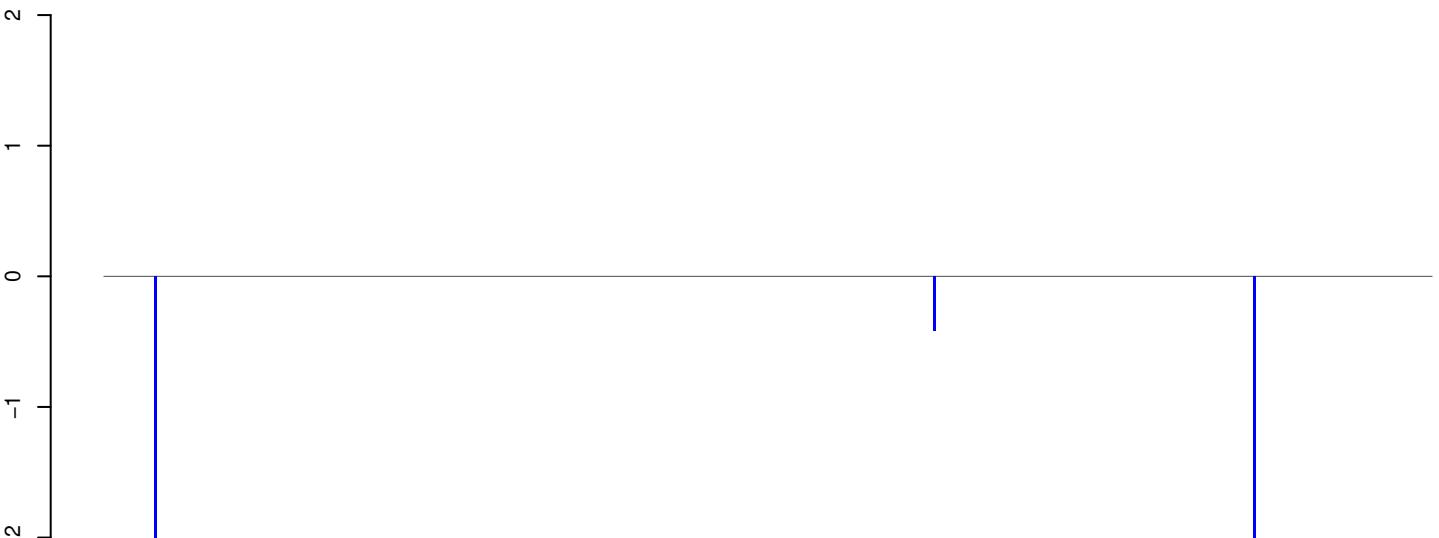
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

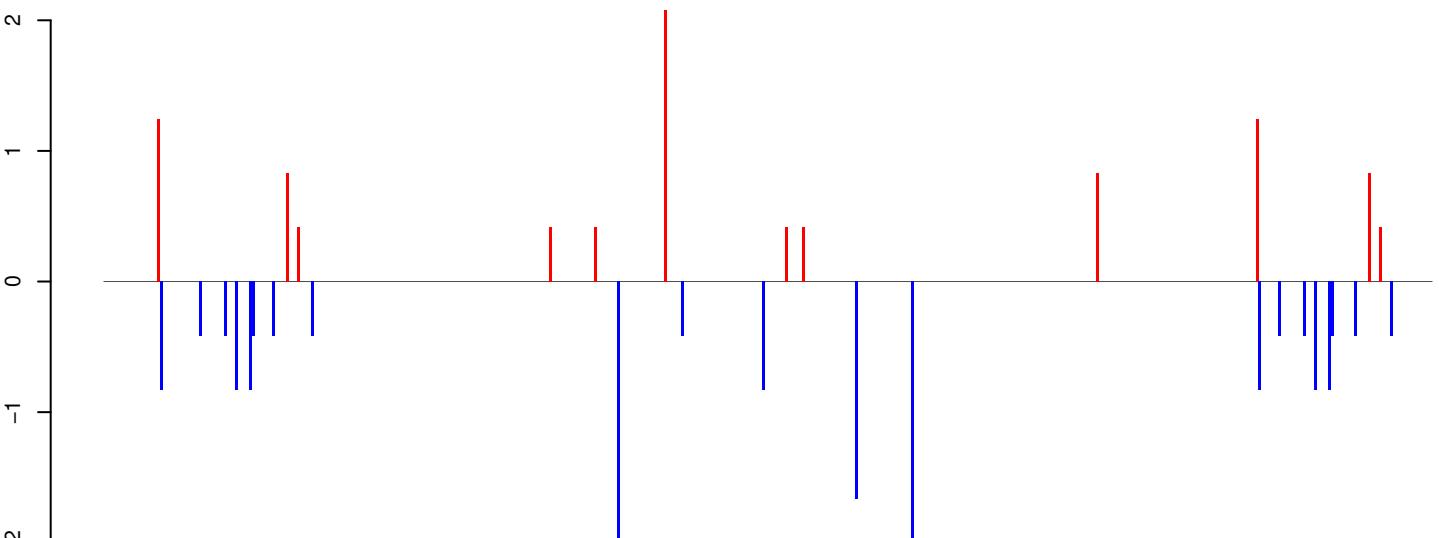


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



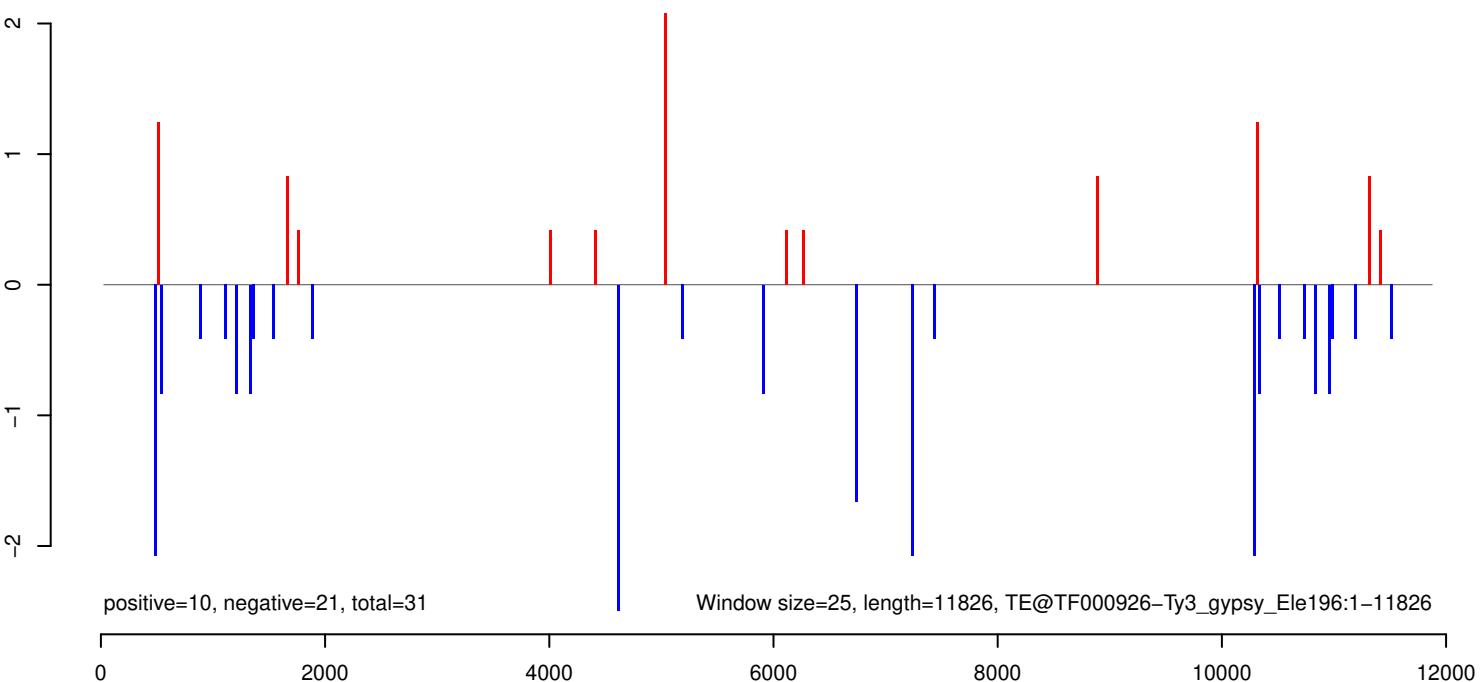
positive=0, negative=5, total=5

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=10, negative=17, total=26

### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=10, negative=21, total=31

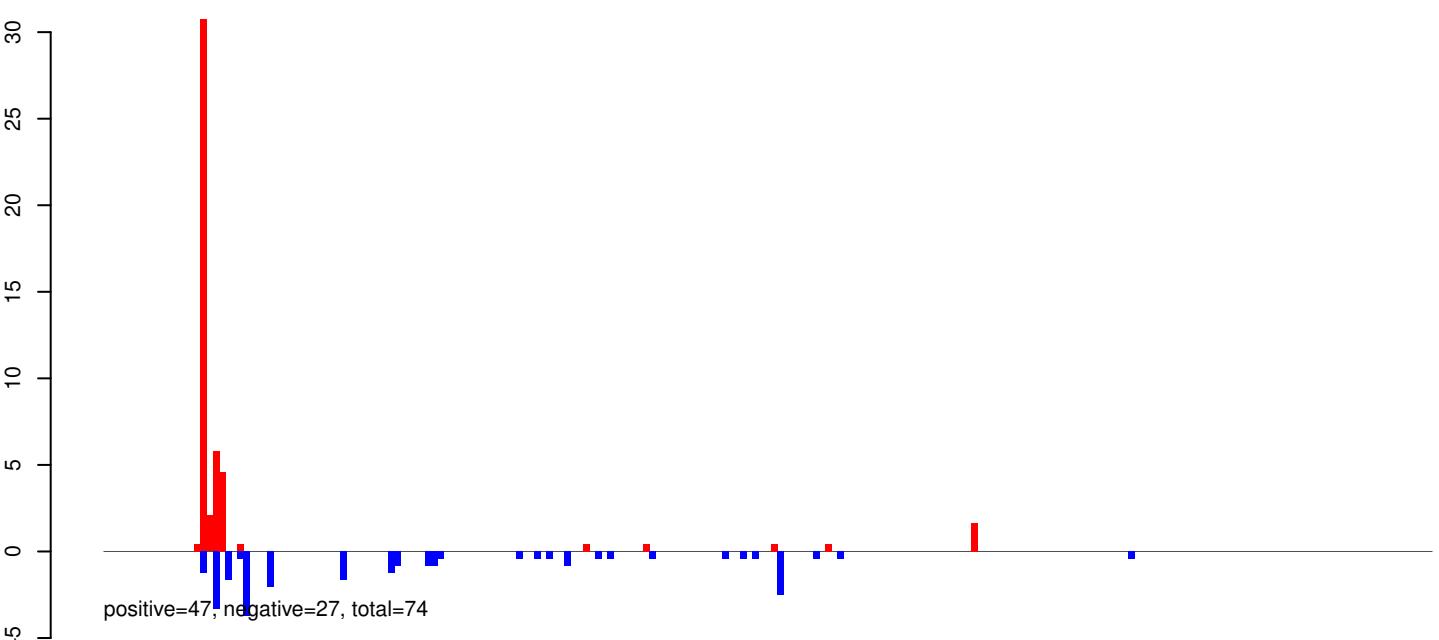
Window size=25, length=11826, TE@TF000926-Ty3\_gypsy\_Ele196:1-11826

0 2000 4000 6000 8000 10000 12000

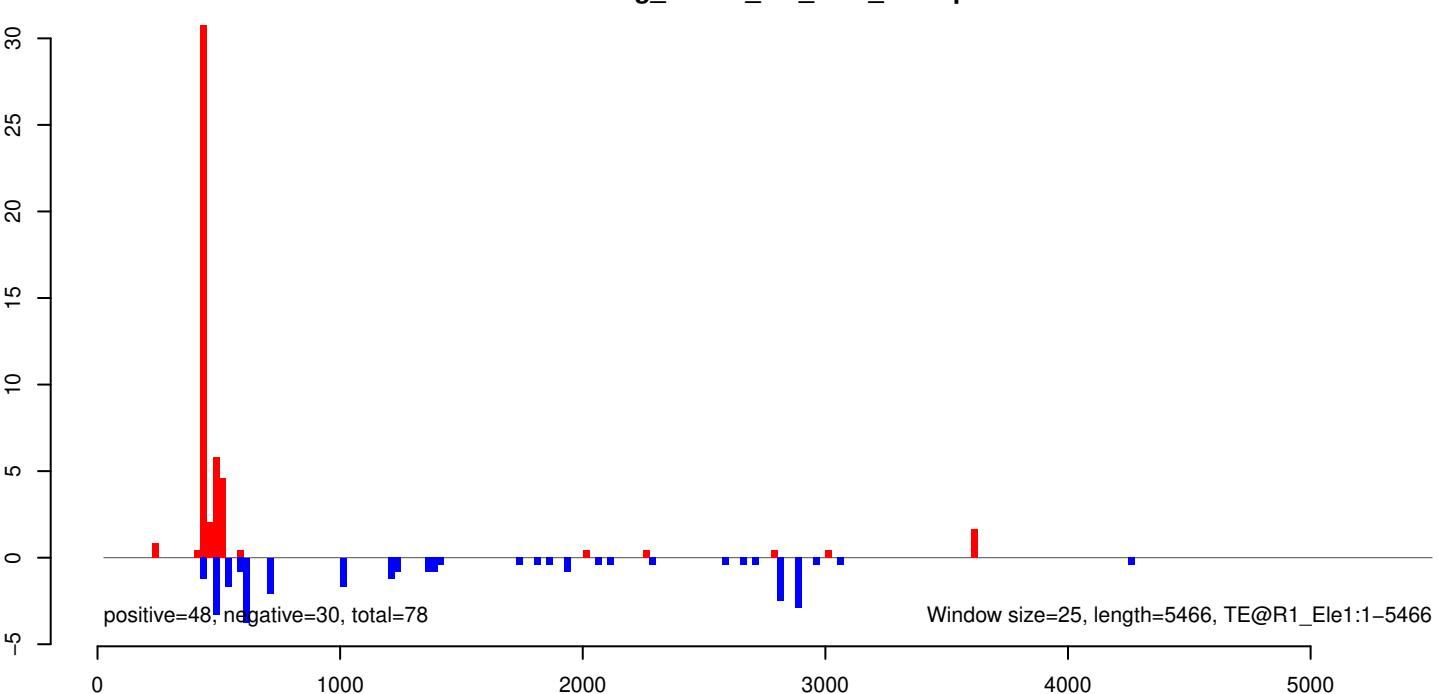
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



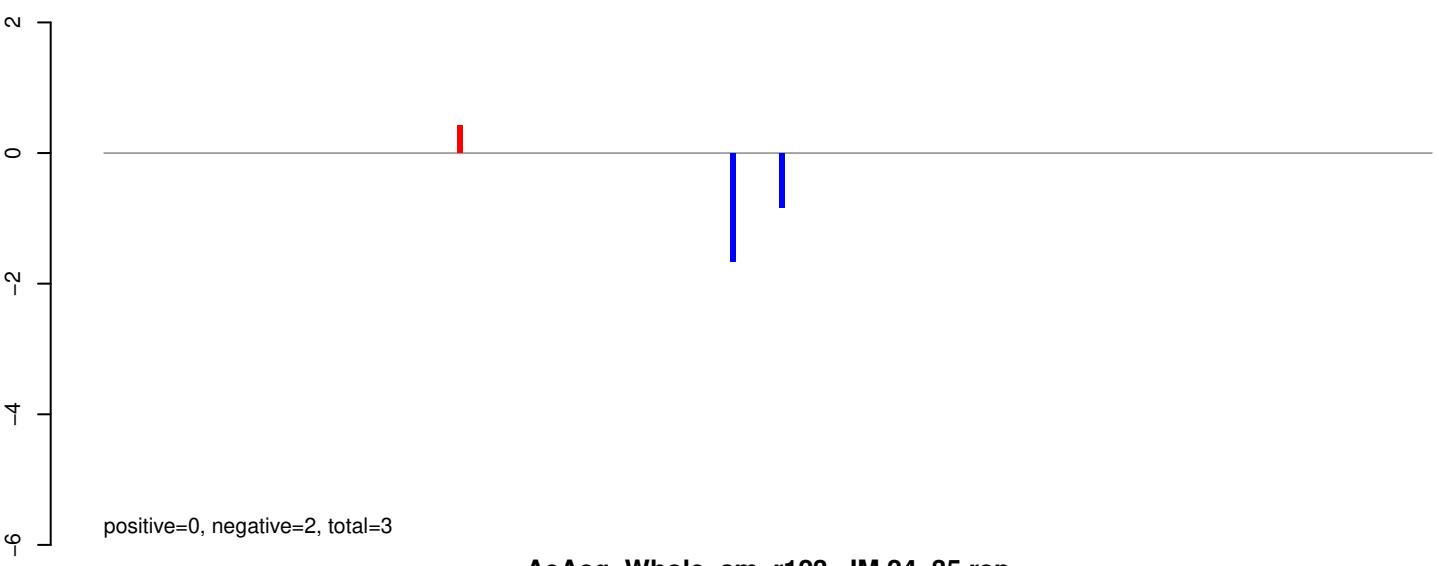
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



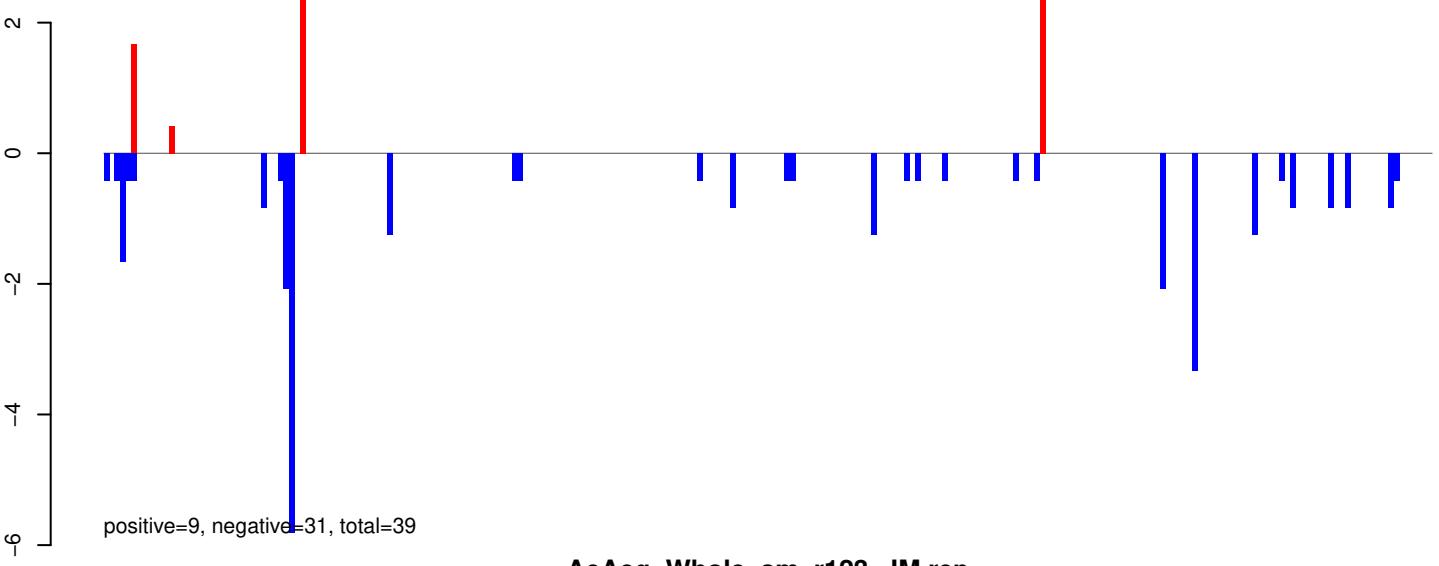
### AeAeg\_Whole\_sm\_r123\_JM.rep



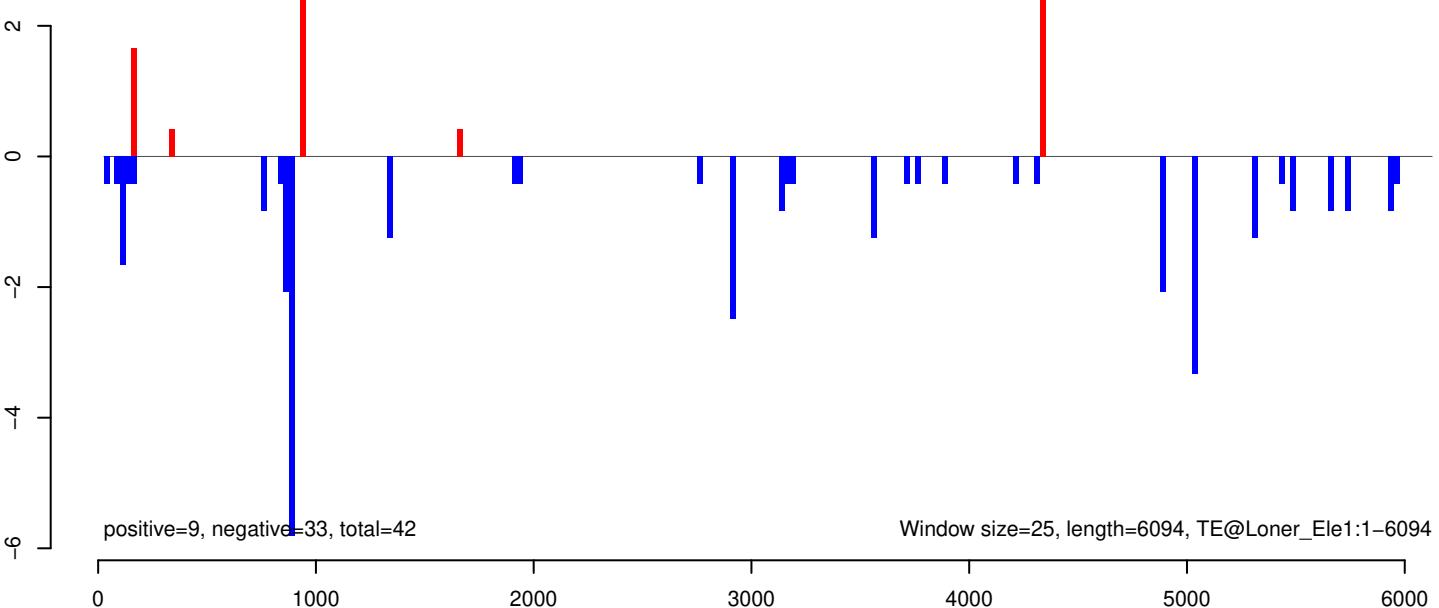
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



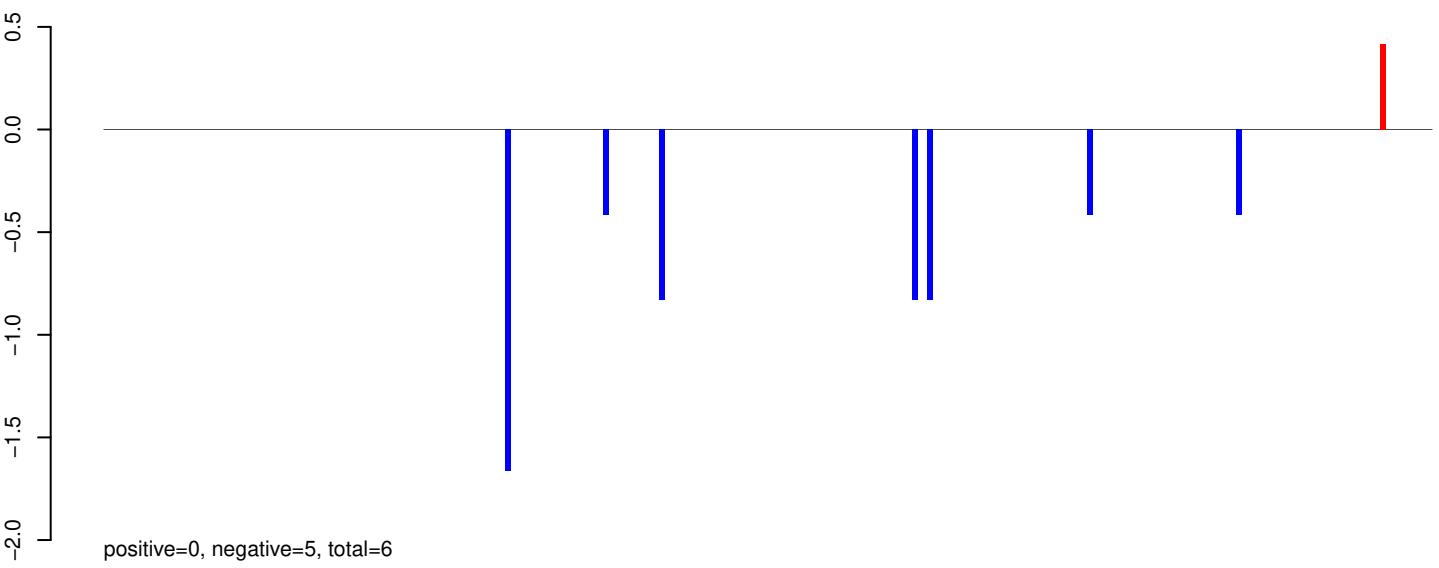
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



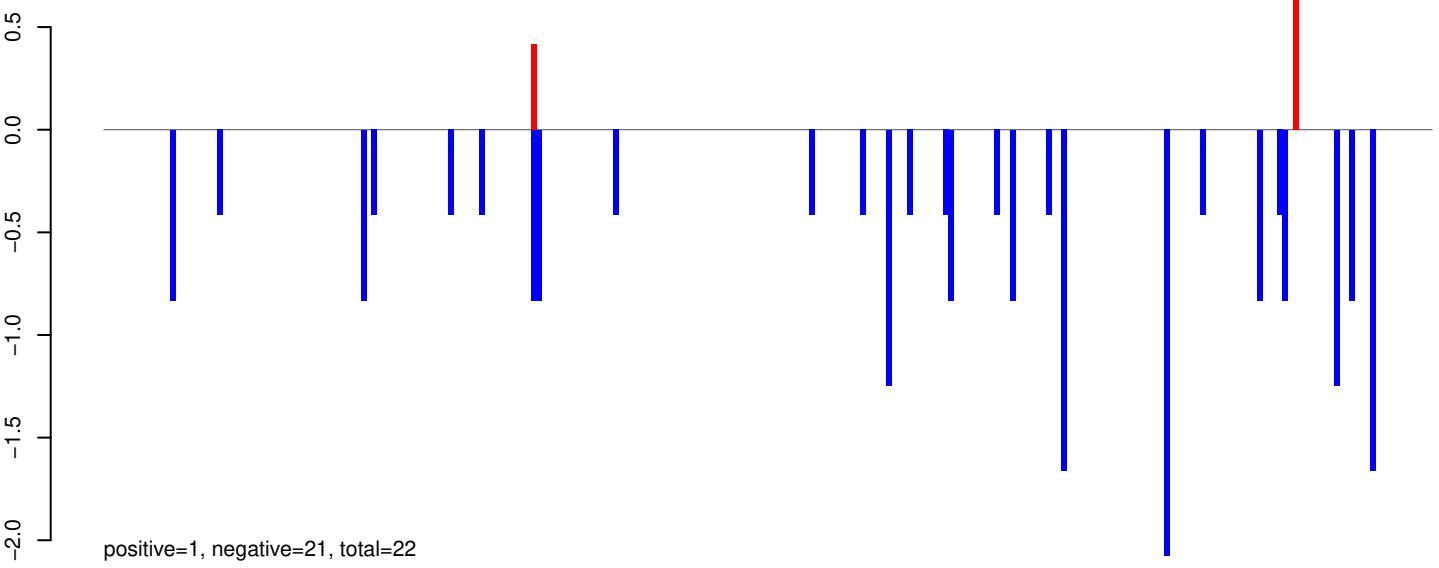
### AeAeg\_Whole\_sm\_r123\_JM.rep



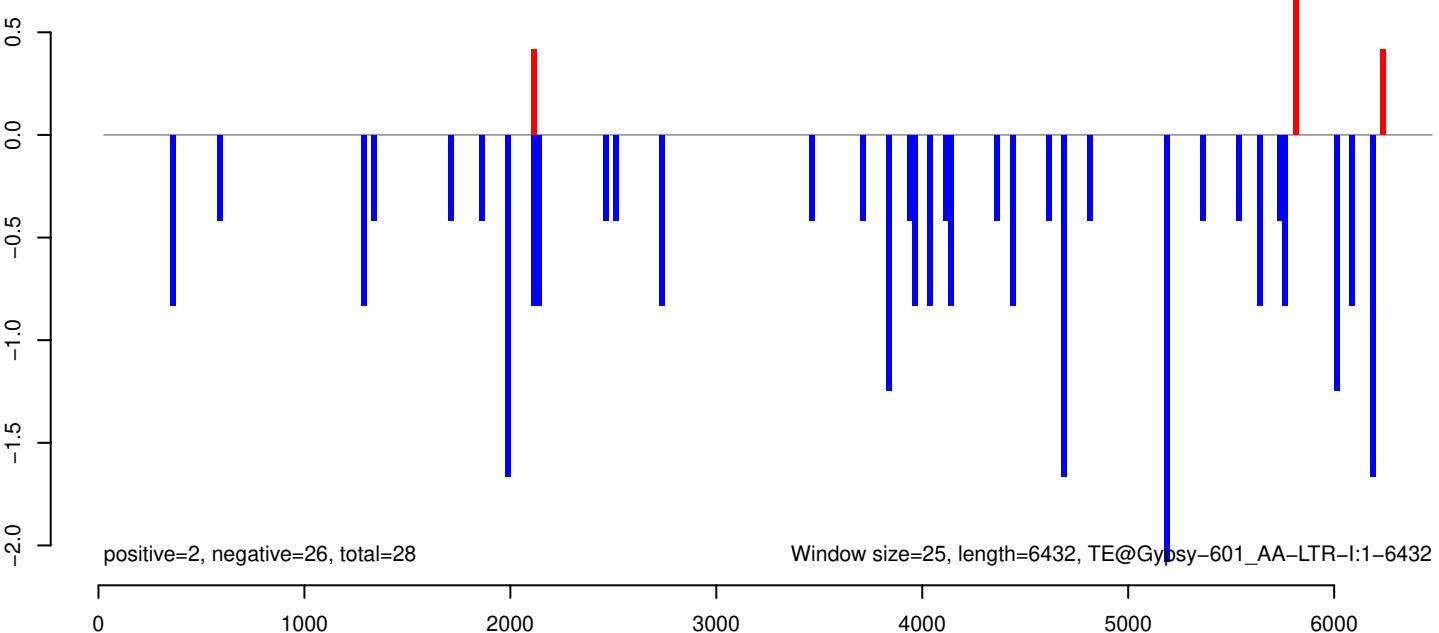
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



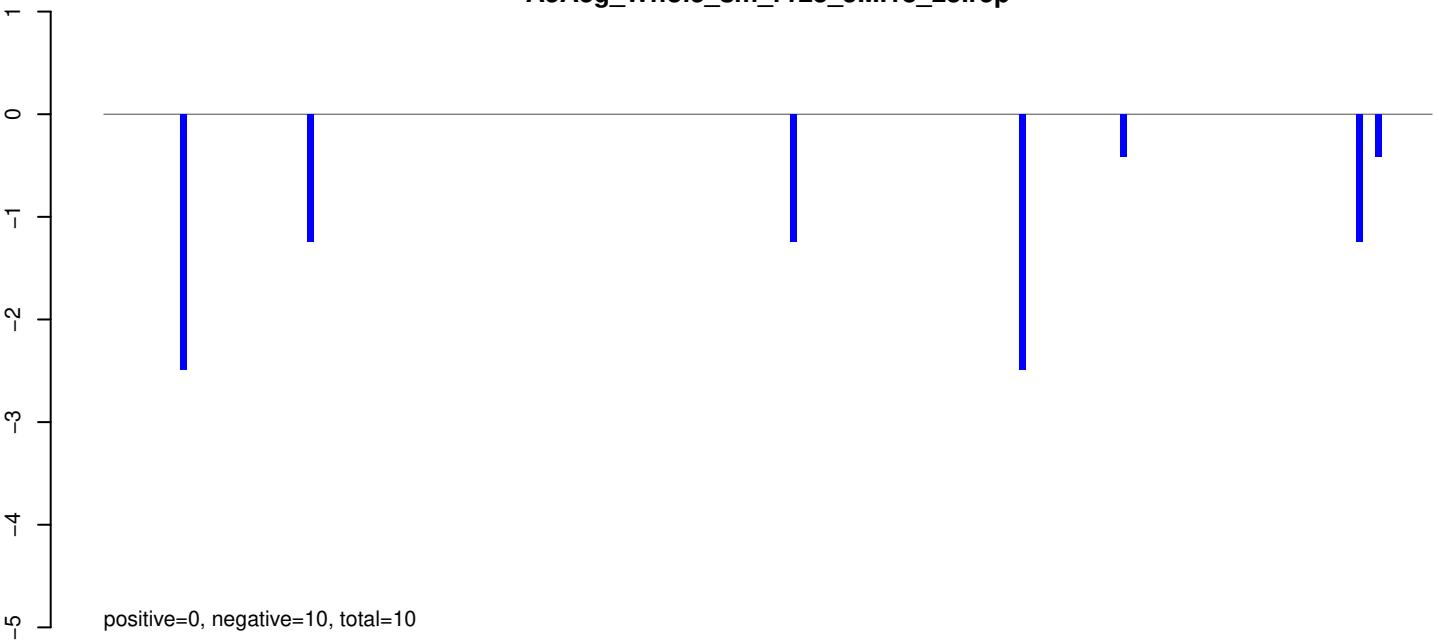
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



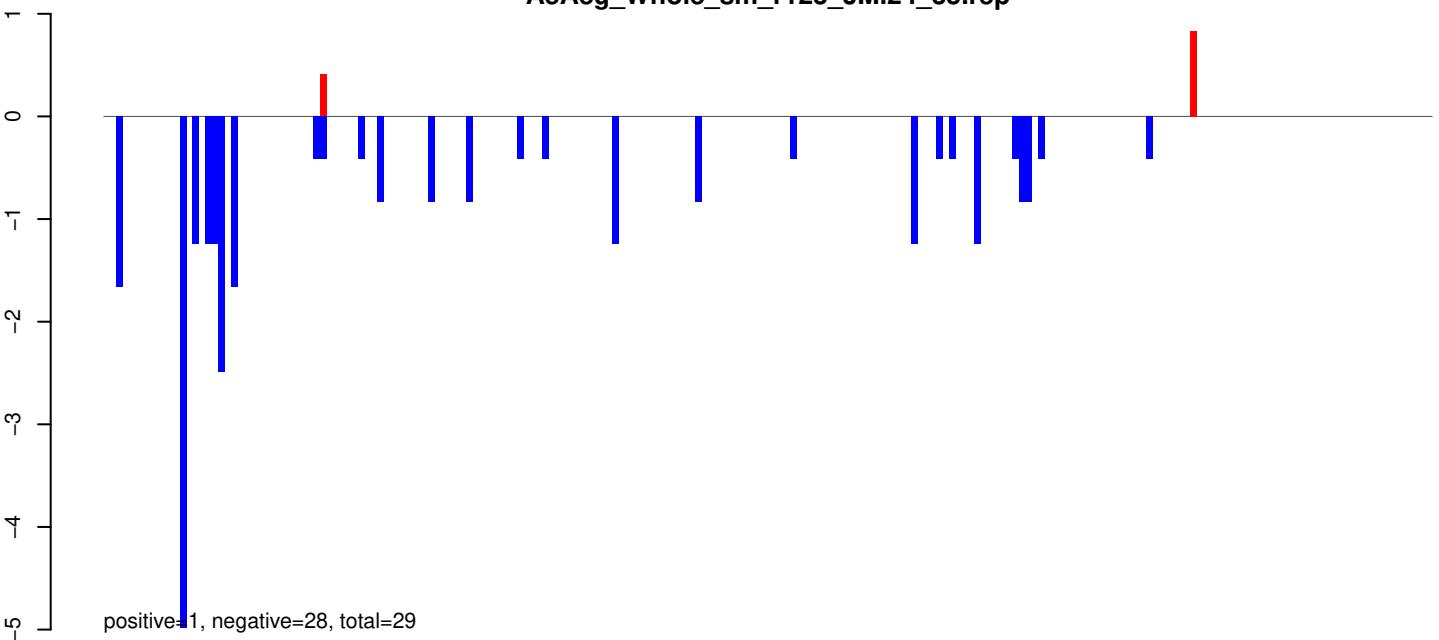
### AeAeg\_Whole\_sm\_r123\_JM.rep



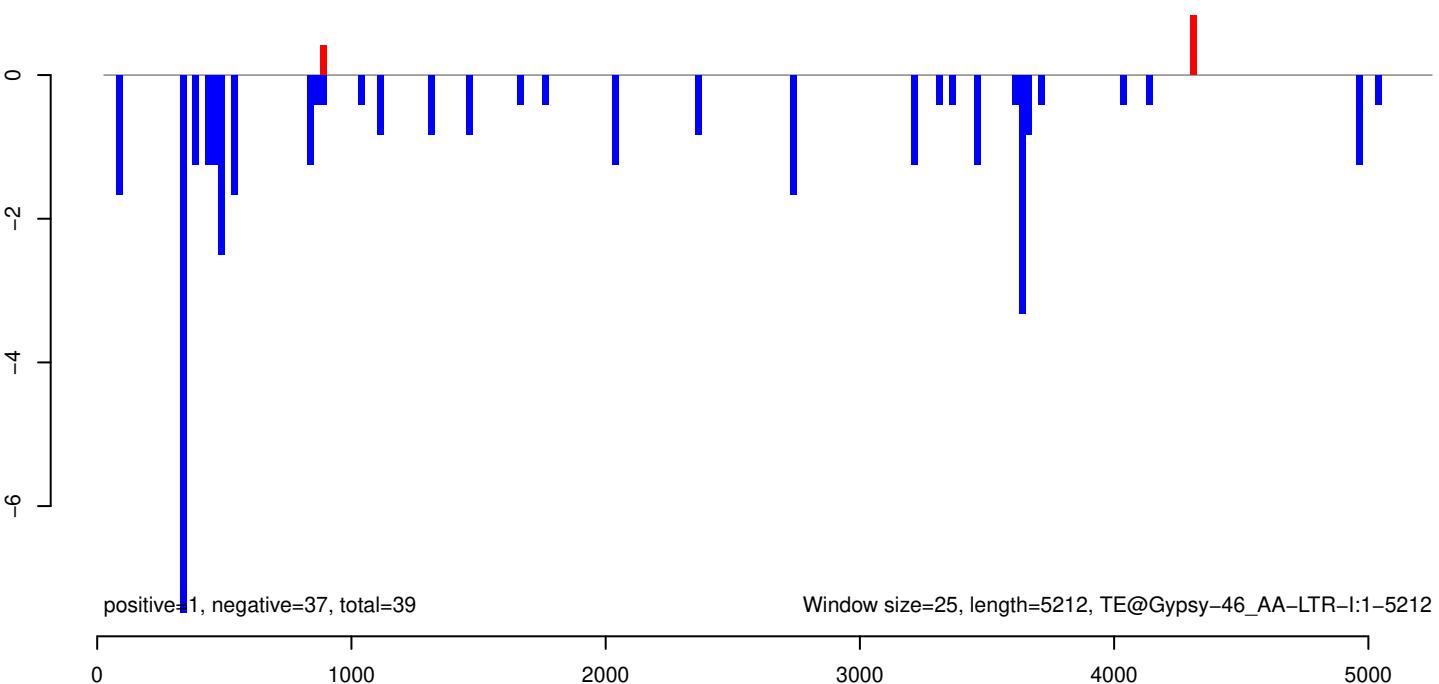
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



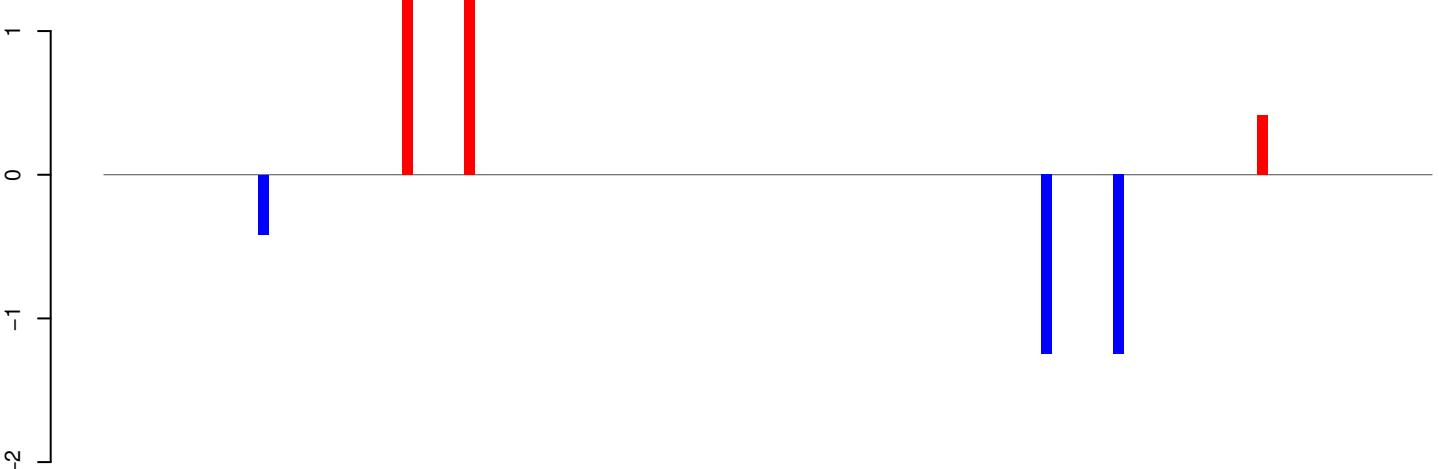
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



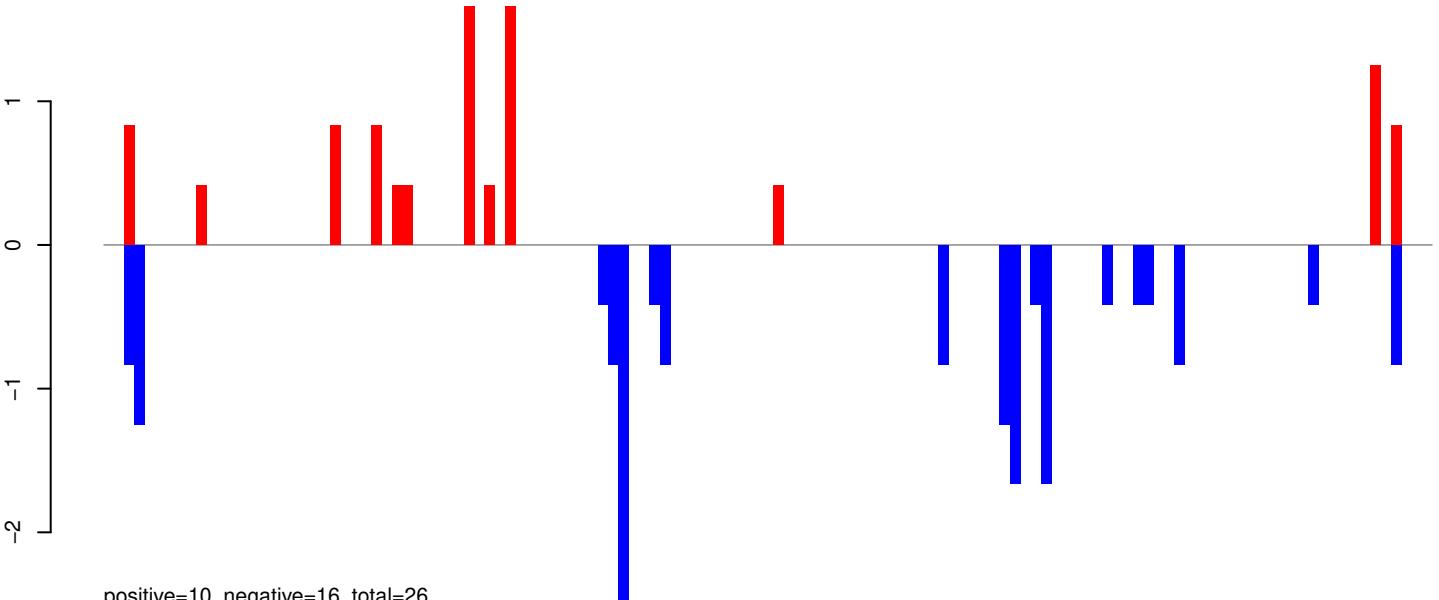
### AeAeg\_Whole\_sm\_r123\_JM.rep



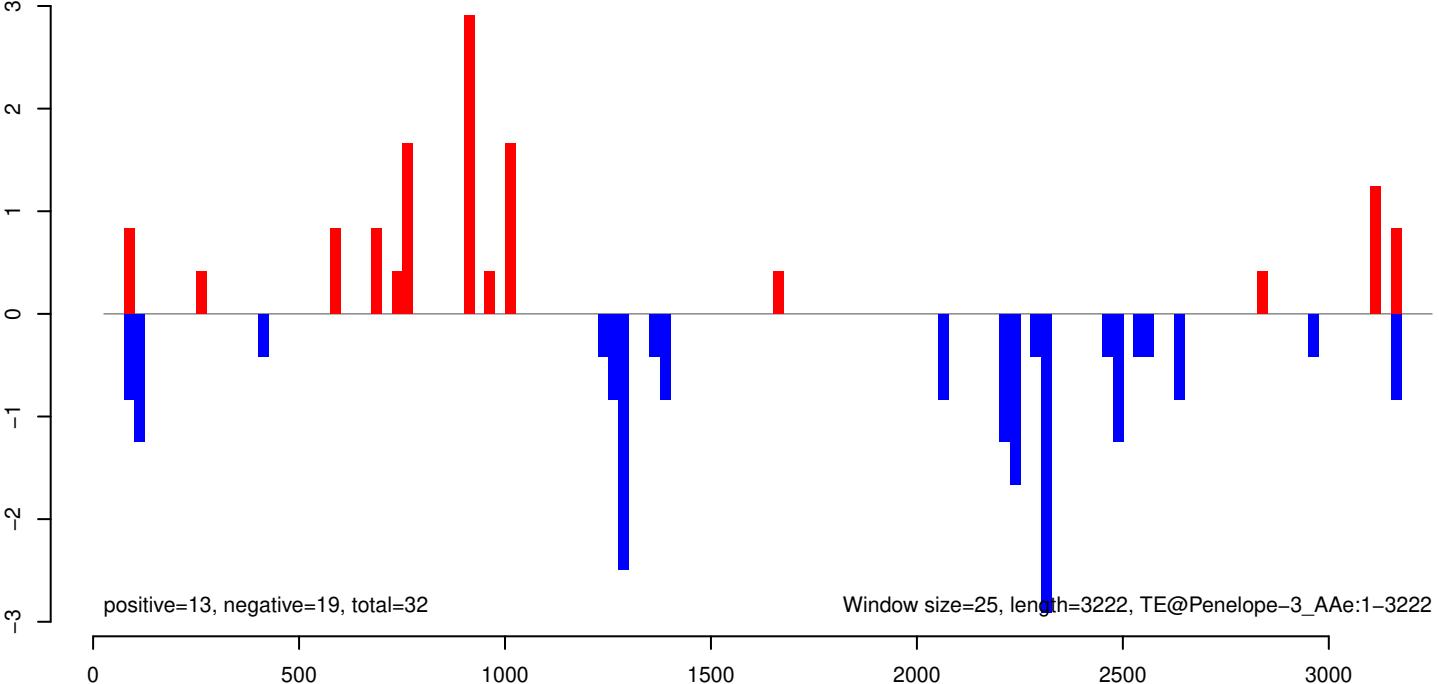
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



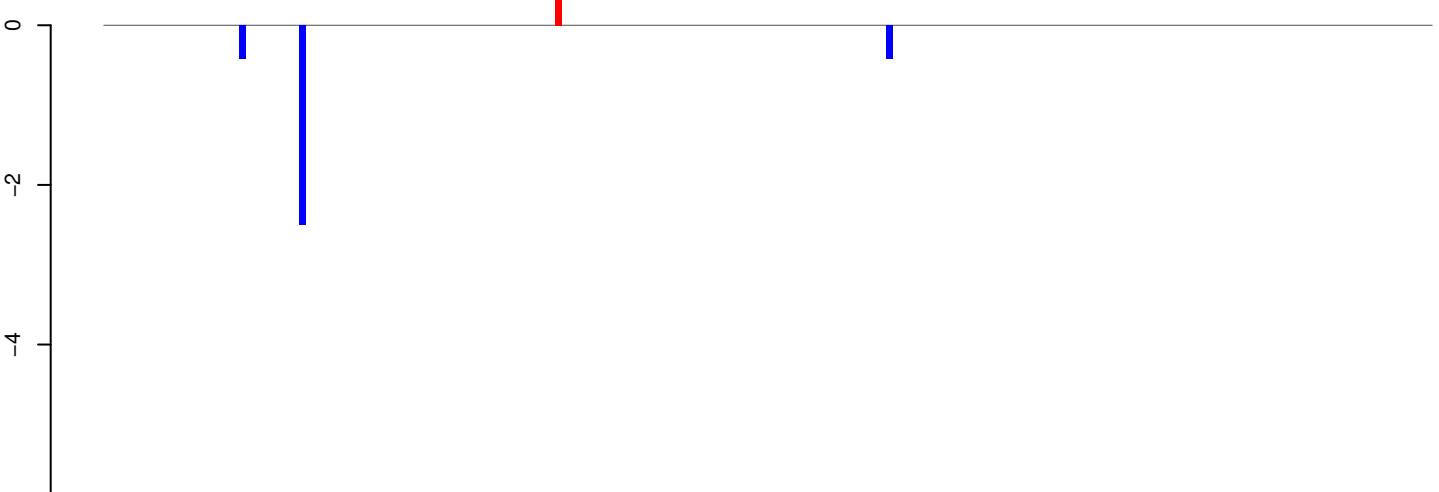
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

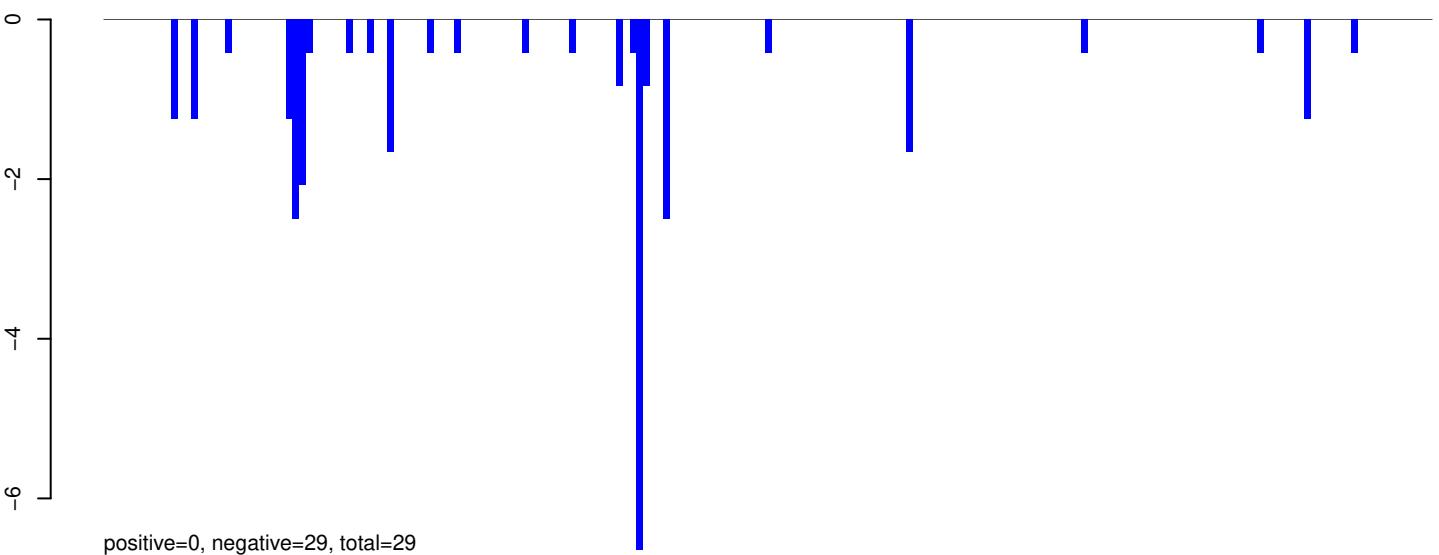


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



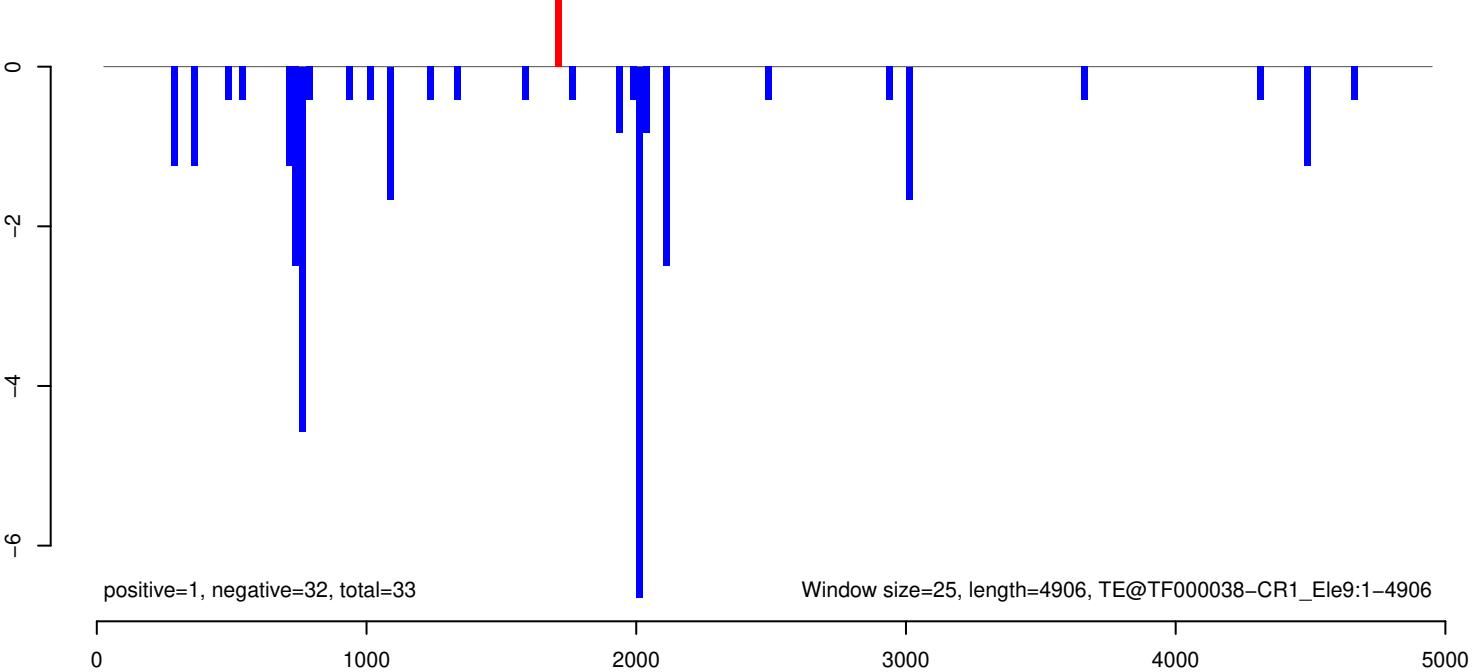
positive=1, negative=3, total=4

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=29, total=29

### AeAeg\_Whole\_sm\_r123\_JM.rep

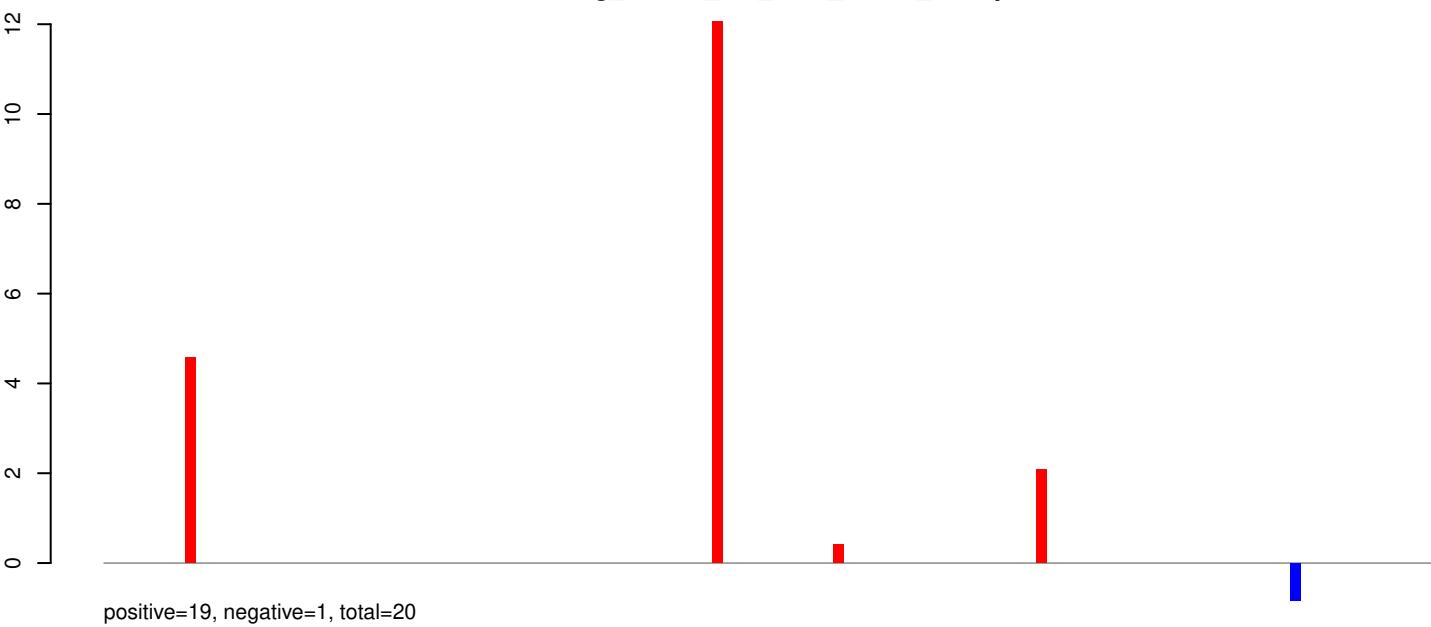


positive=1, negative=32, total=33

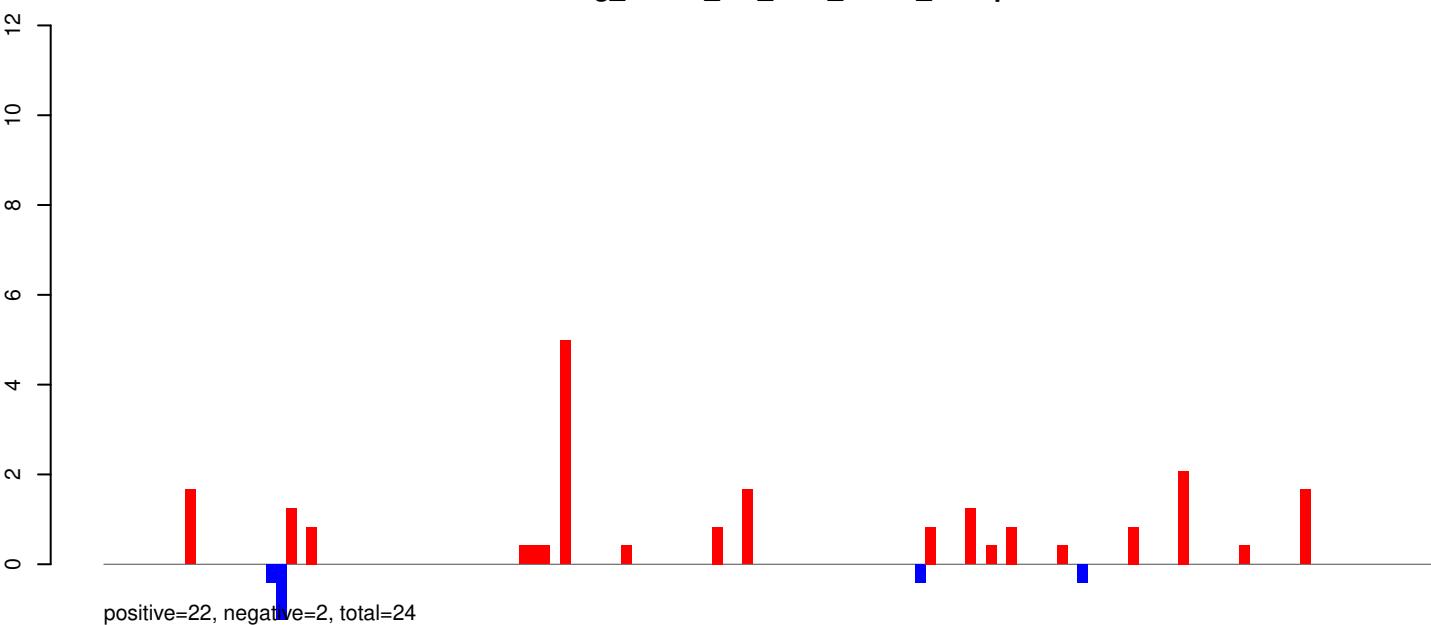
Window size=25, length=4906, TE@TF000038-CR1\_Ele9:1-4906

0 1000 2000 3000 4000 5000

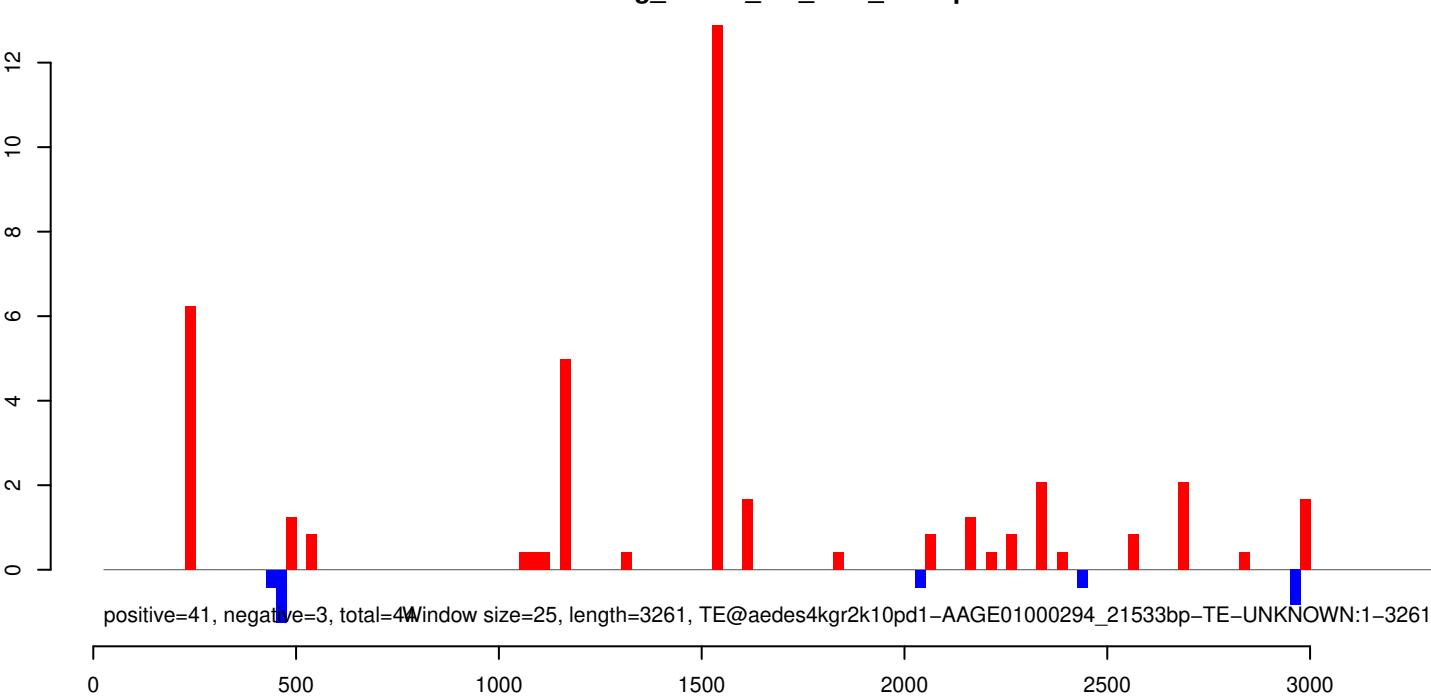
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



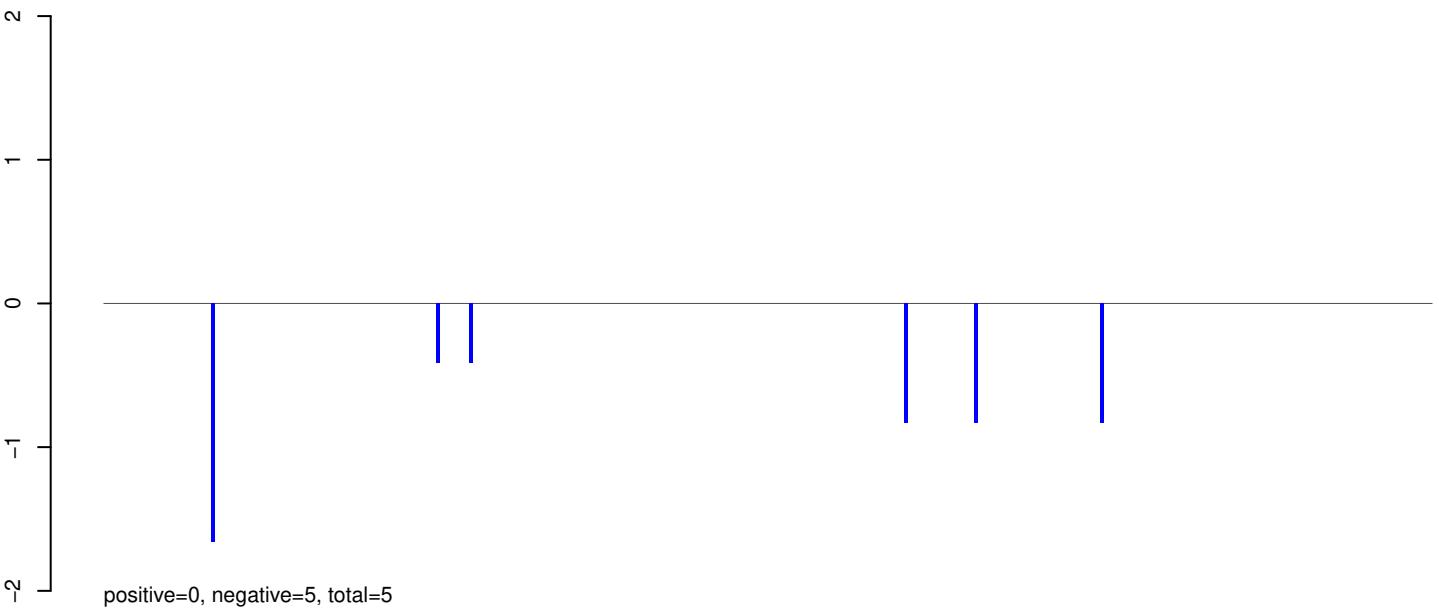
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



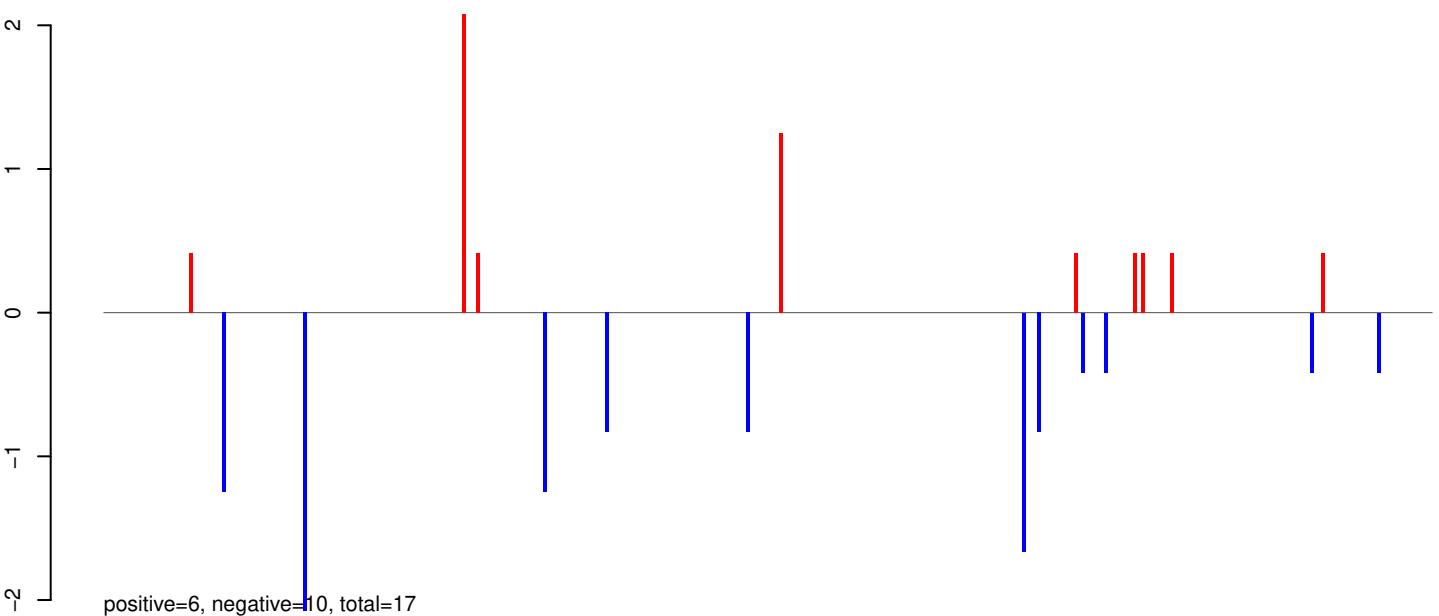
### AeAeg\_Whole\_sm\_r123\_JM.rep



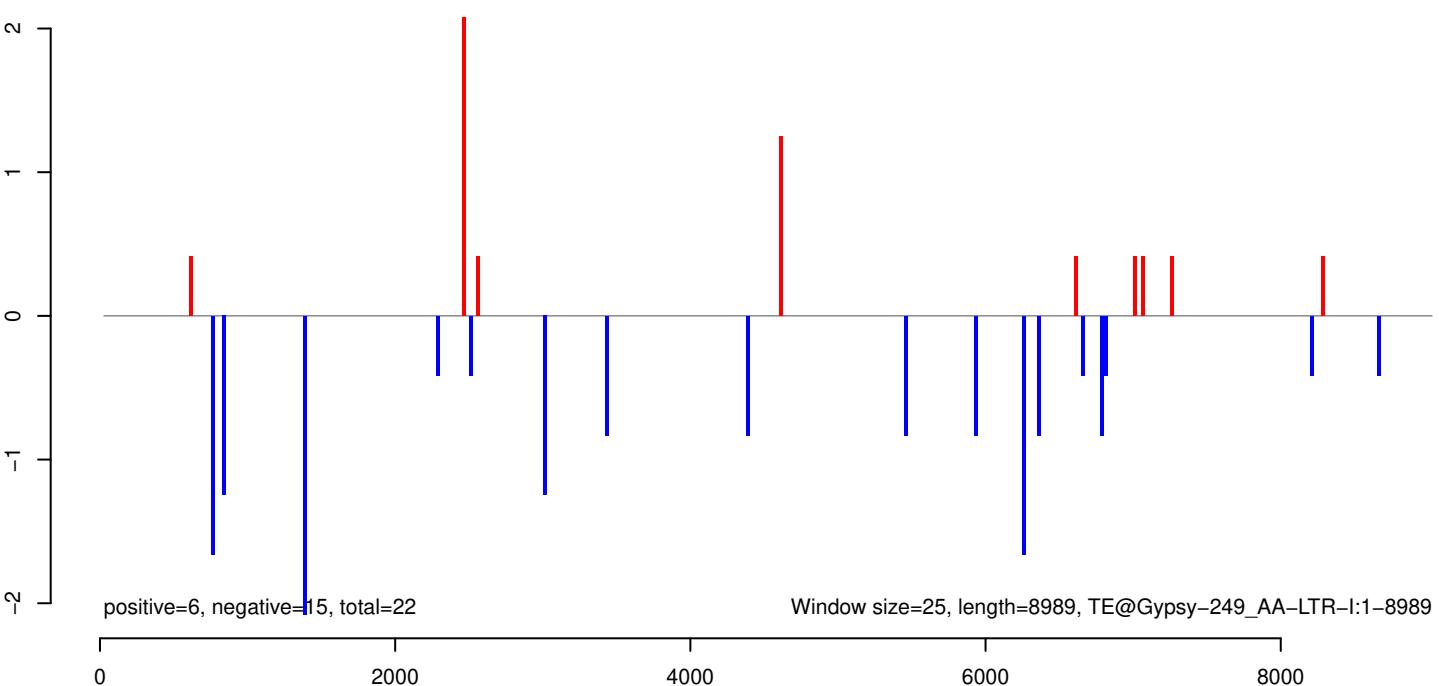
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



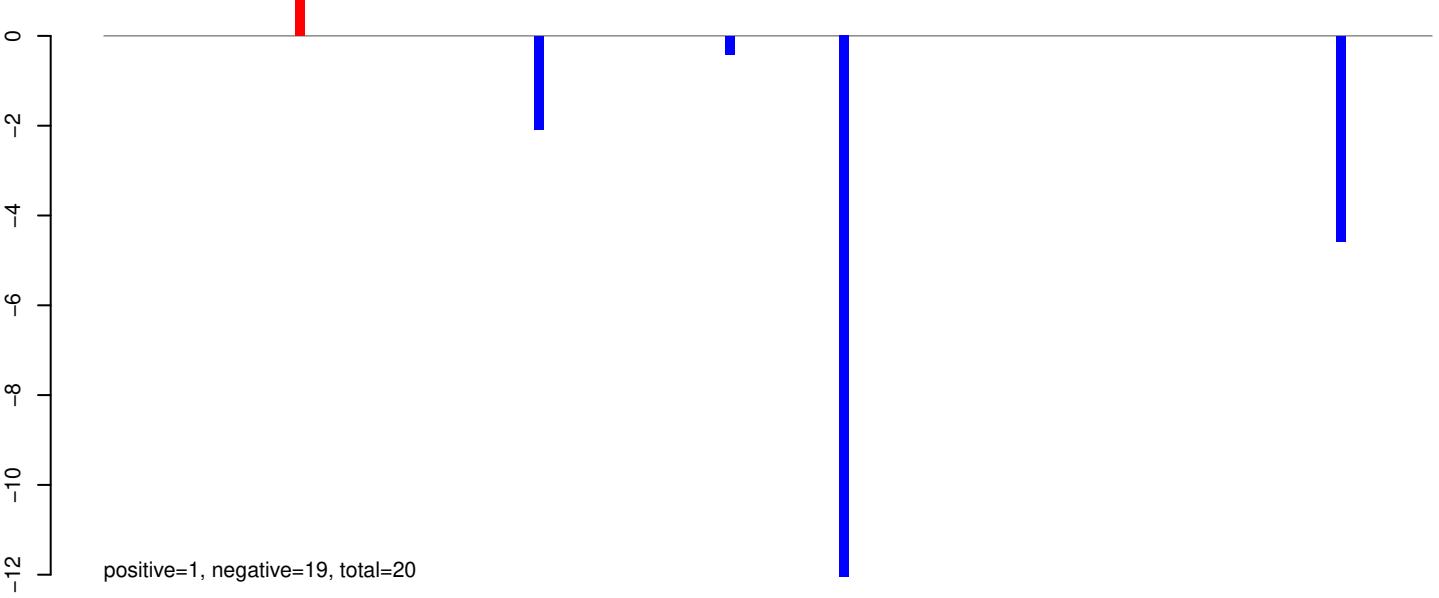
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



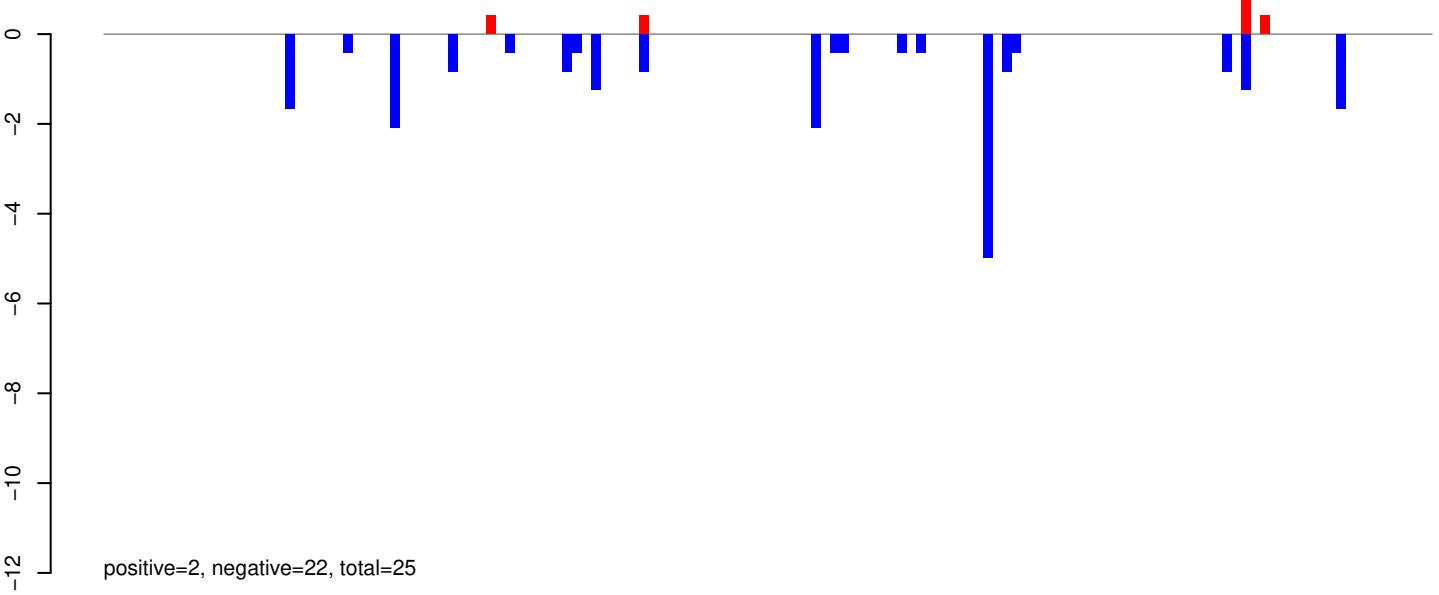
### AeAeg\_Whole\_sm\_r123\_JM.rep



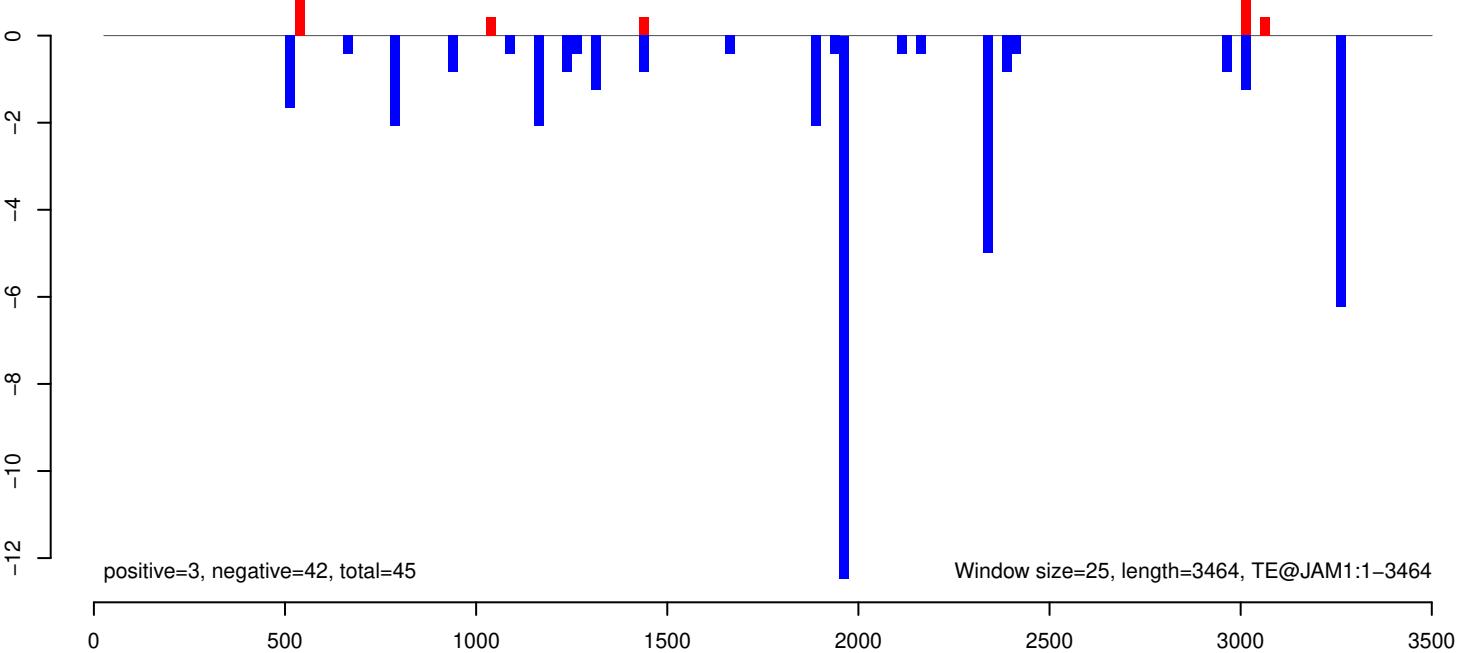
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



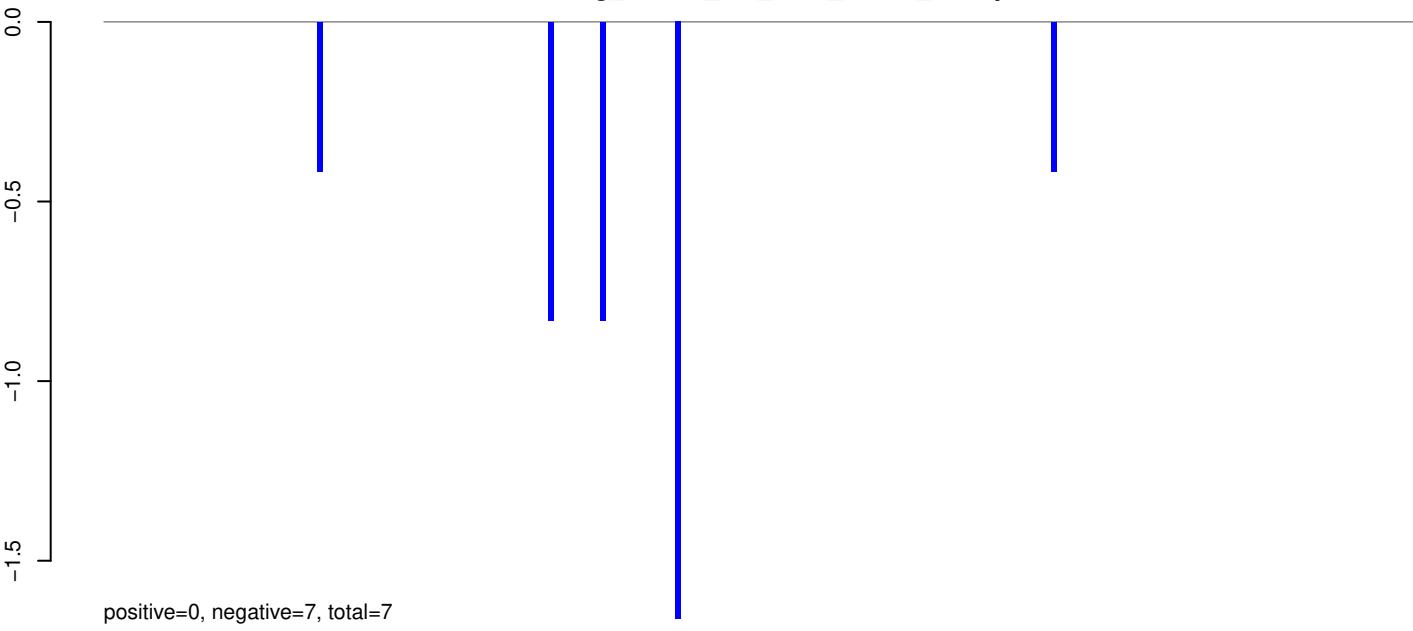
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



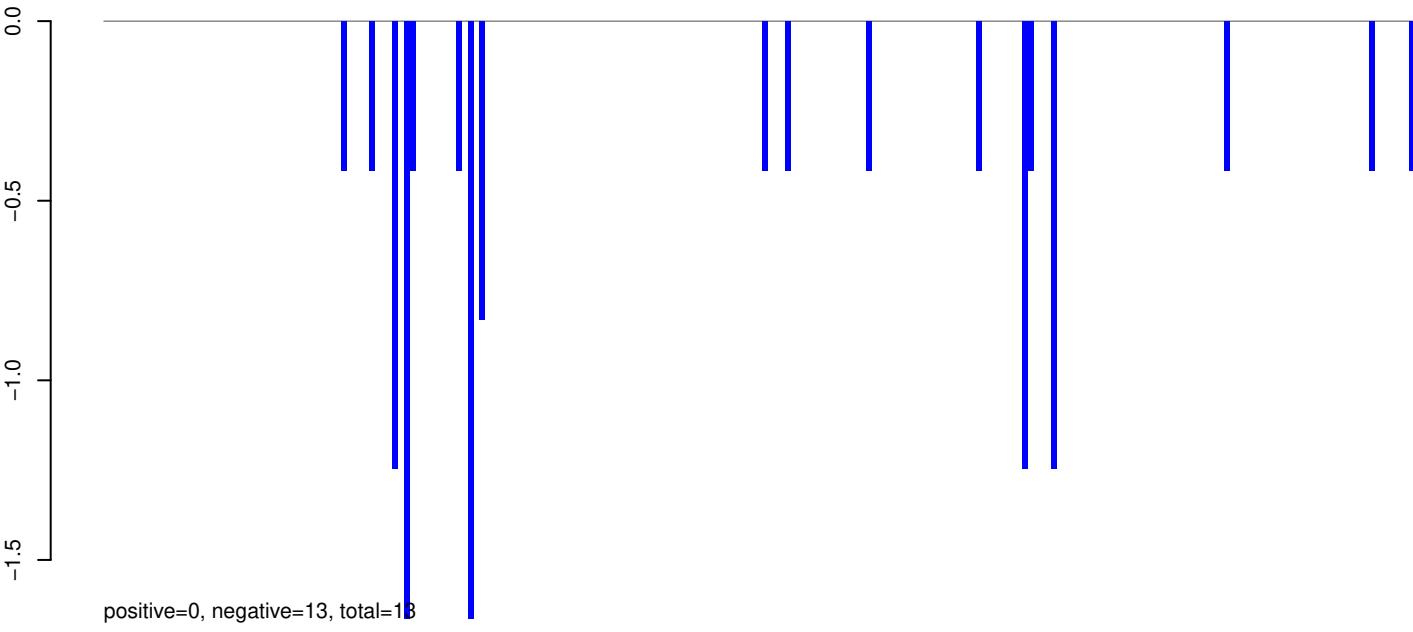
### AeAeg\_Whole\_sm\_r123\_JM.rep



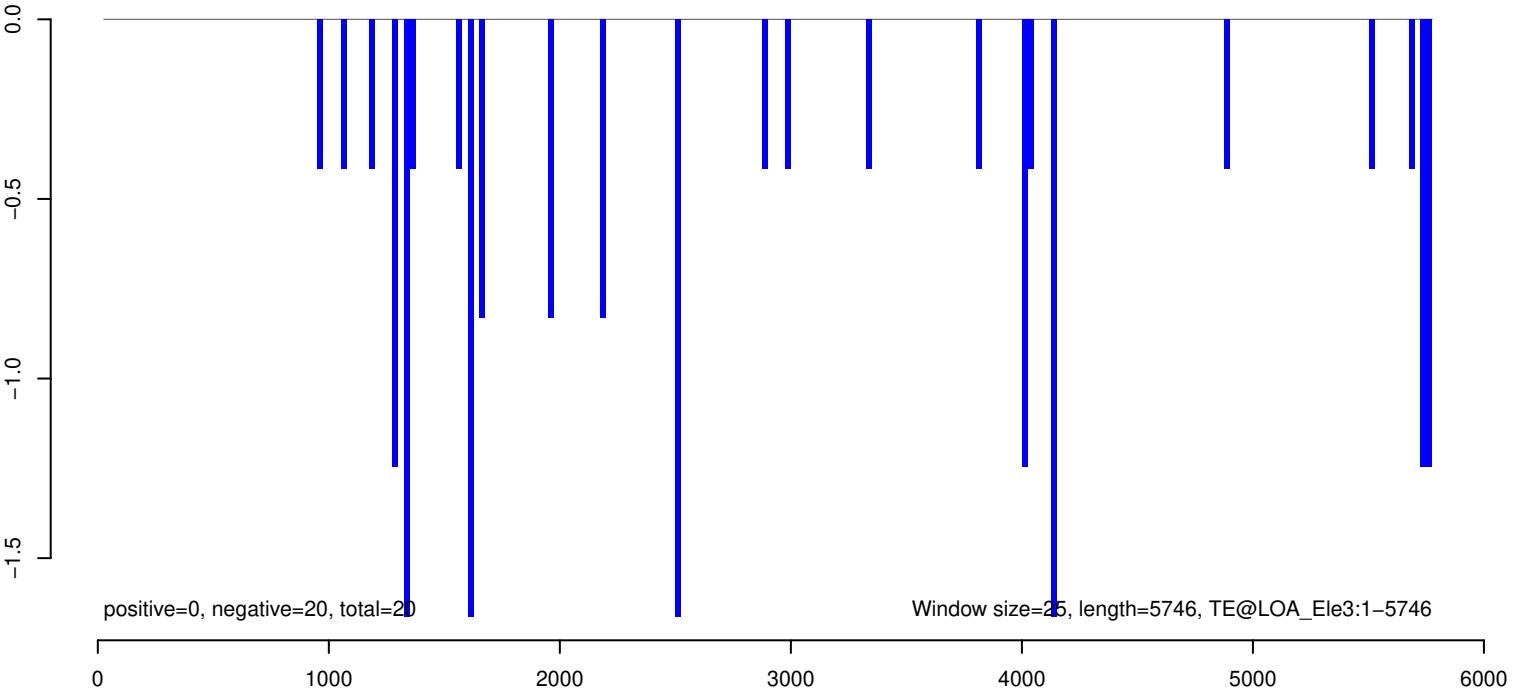
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



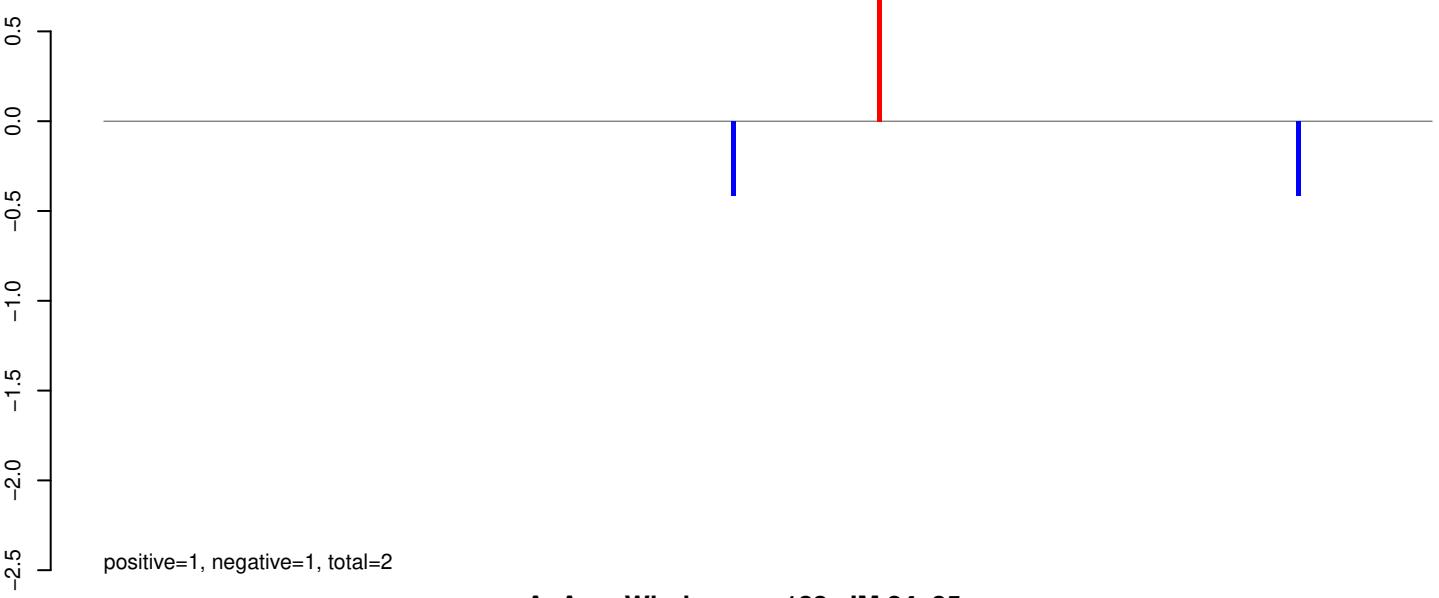
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



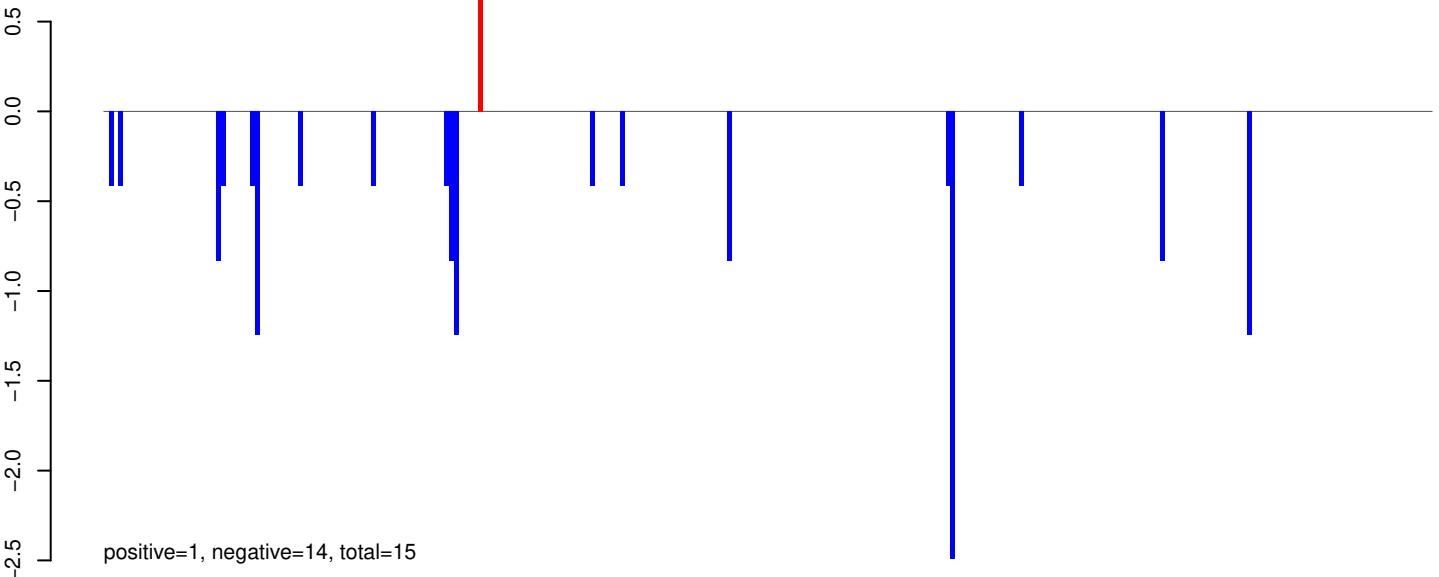
### AeAeg\_Whole\_sm\_r123\_JM.rep



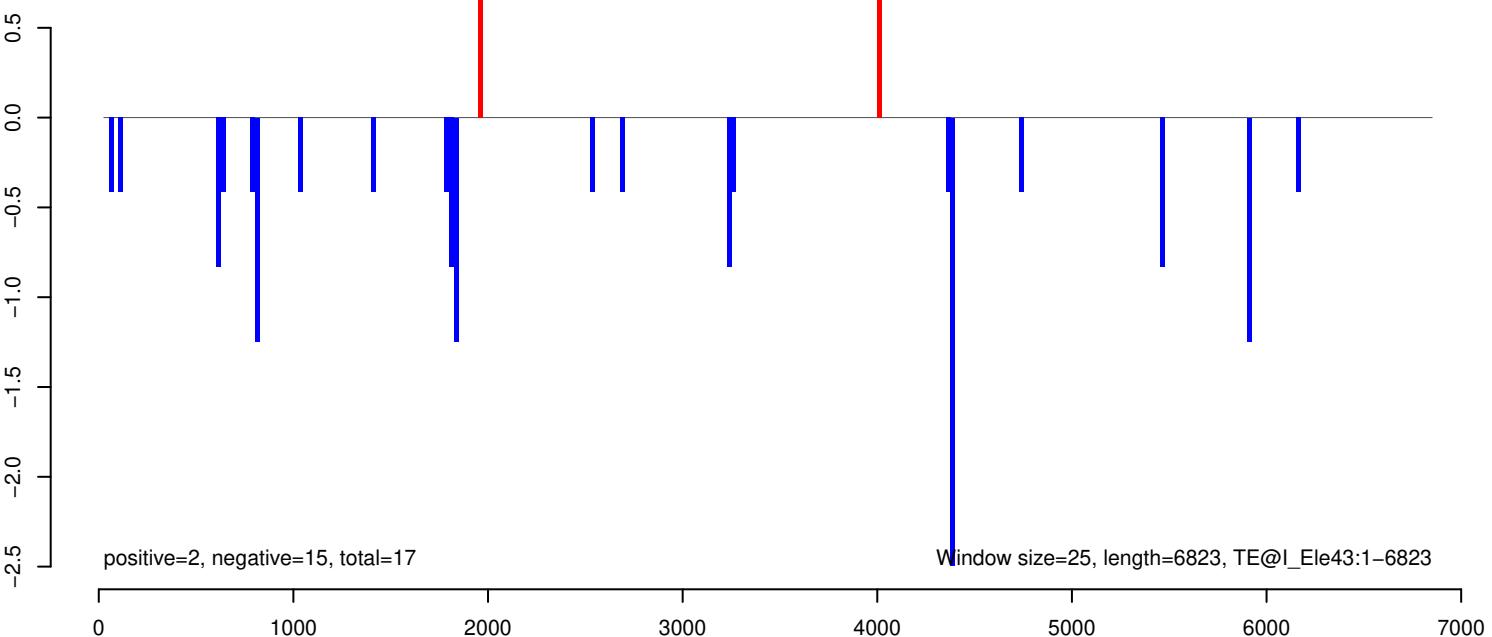
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



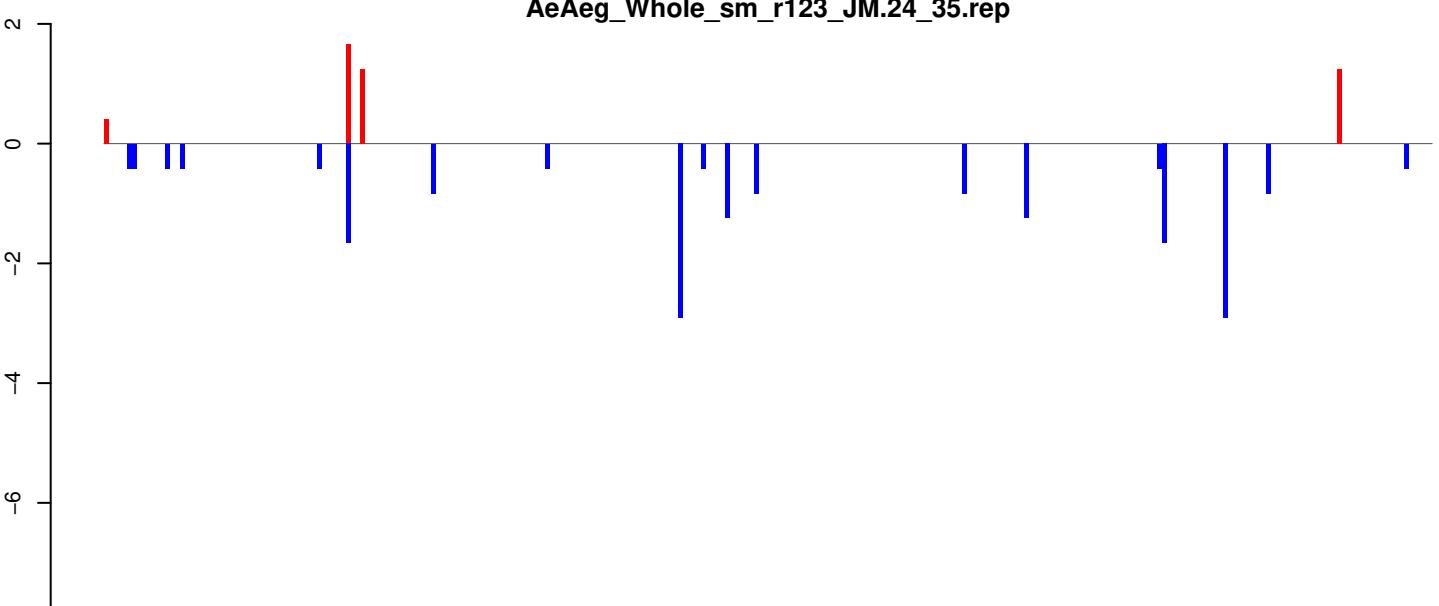
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=10, total=10



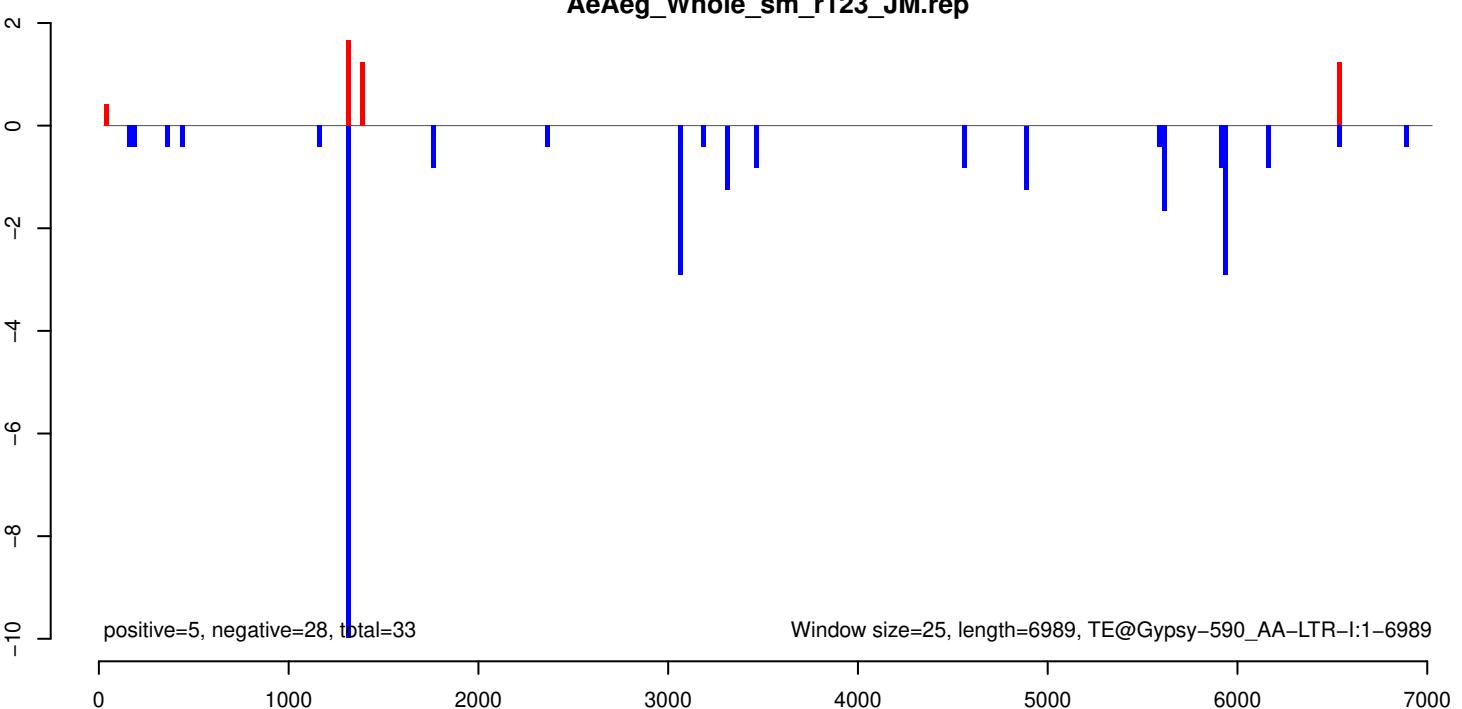
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=5, negative=19, total=23



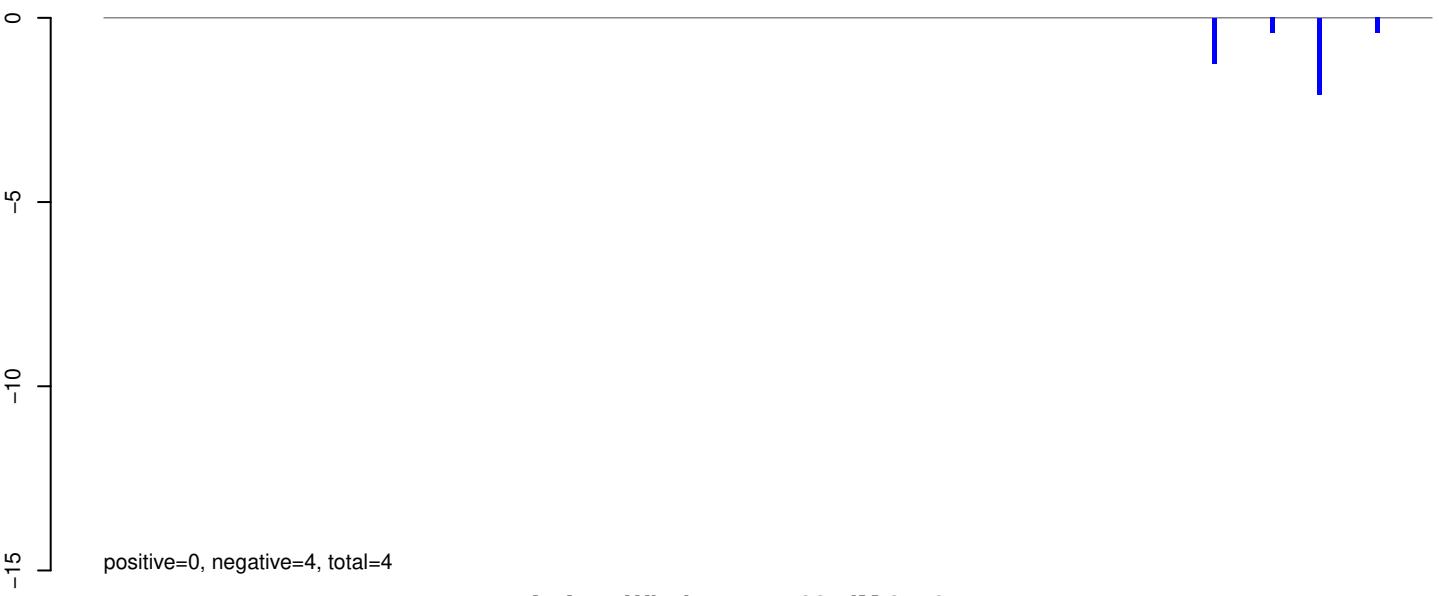
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=5, negative=28, total=33

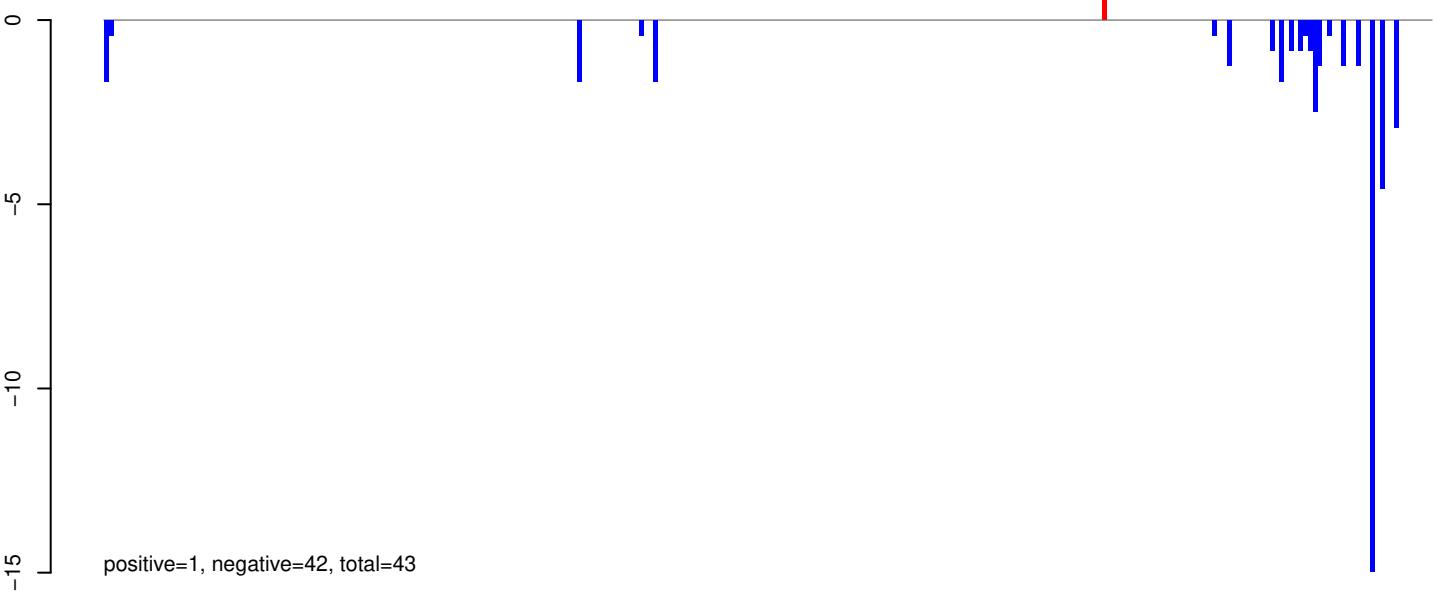


Window size=25, length=6989, TE@Gypsy-590\_AA-LTR-I:1-6989

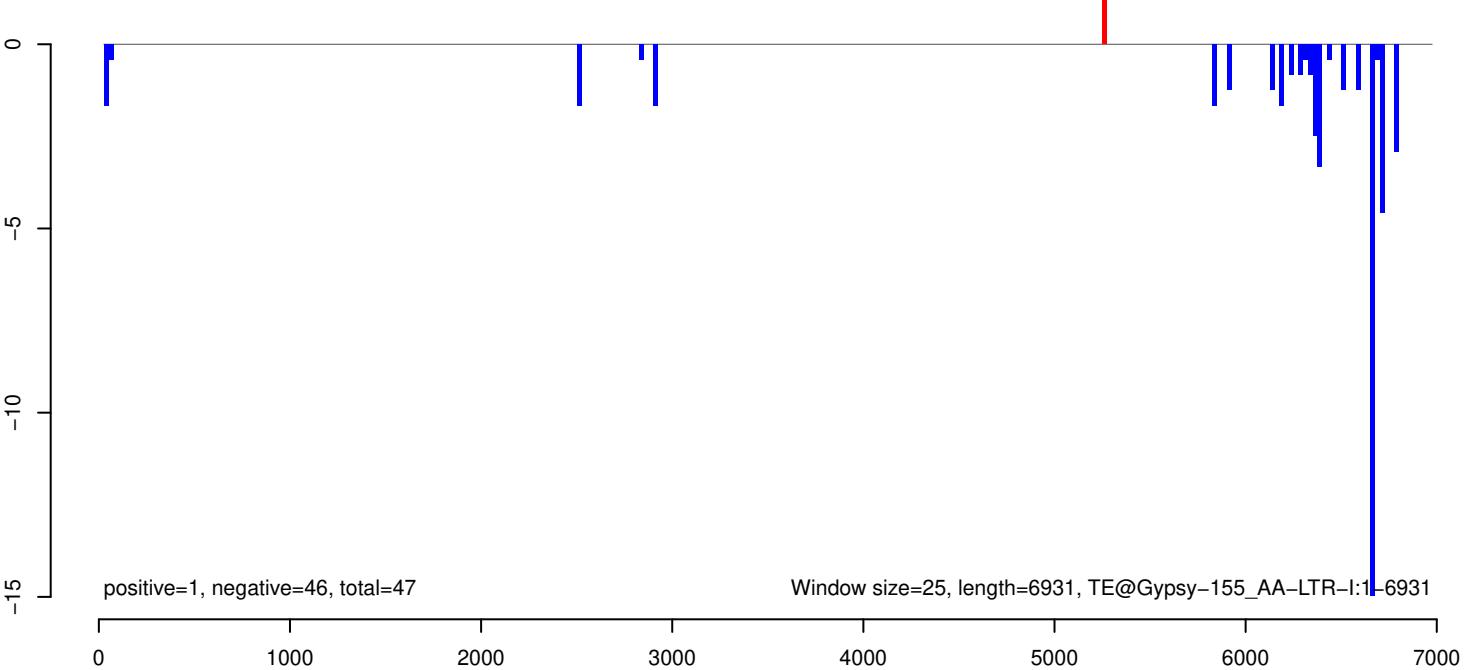
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



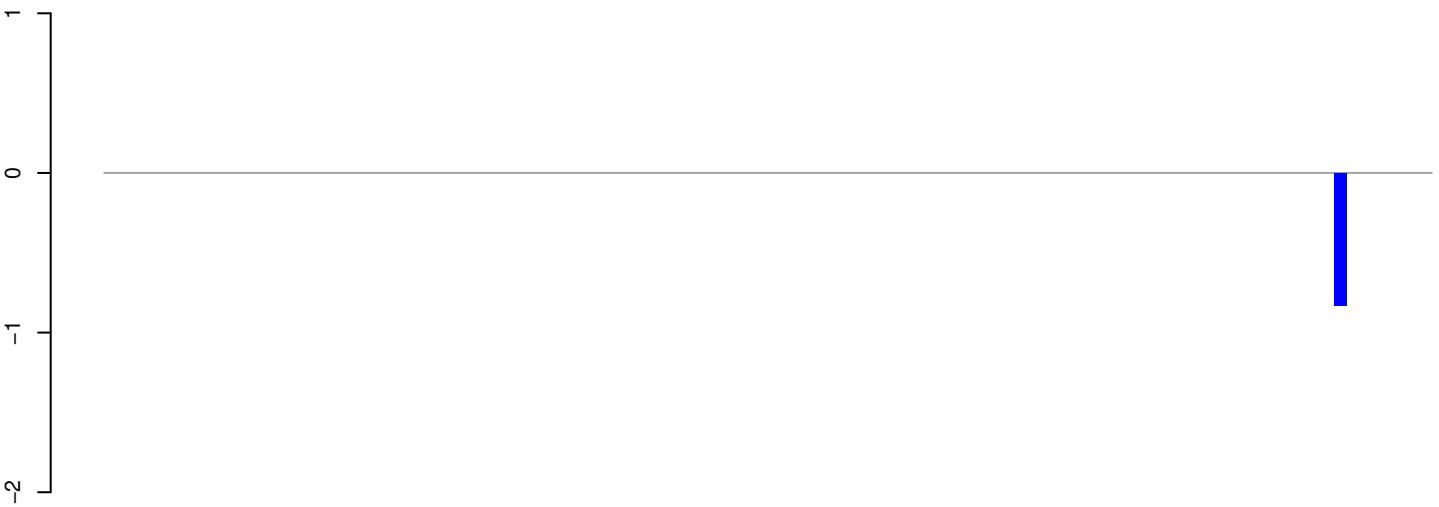
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

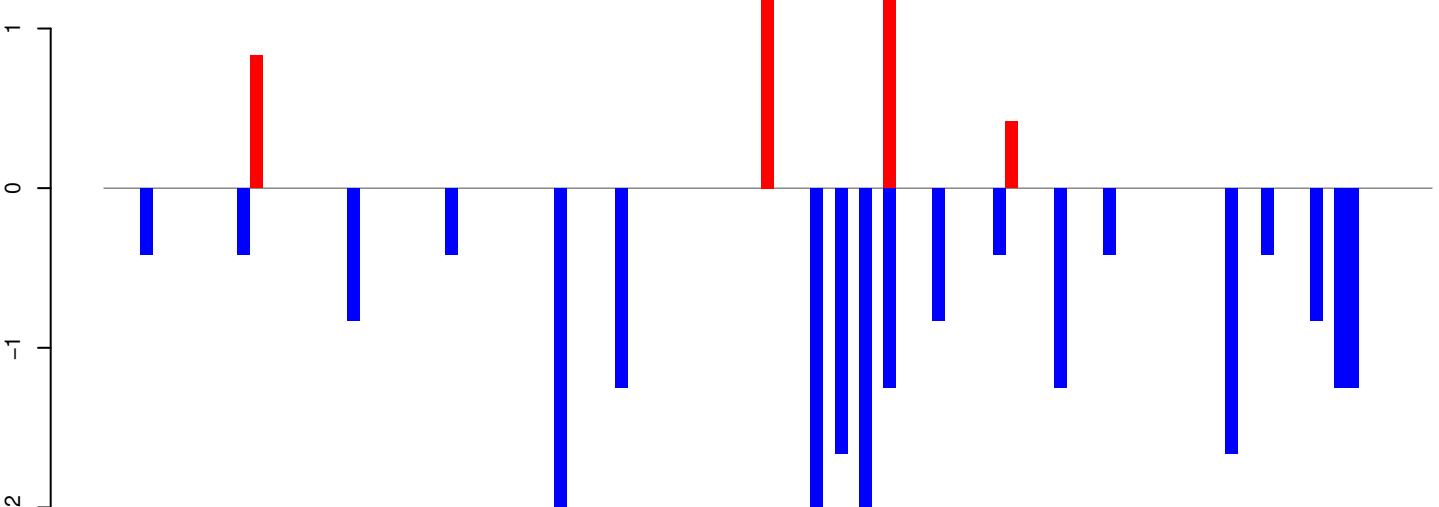


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



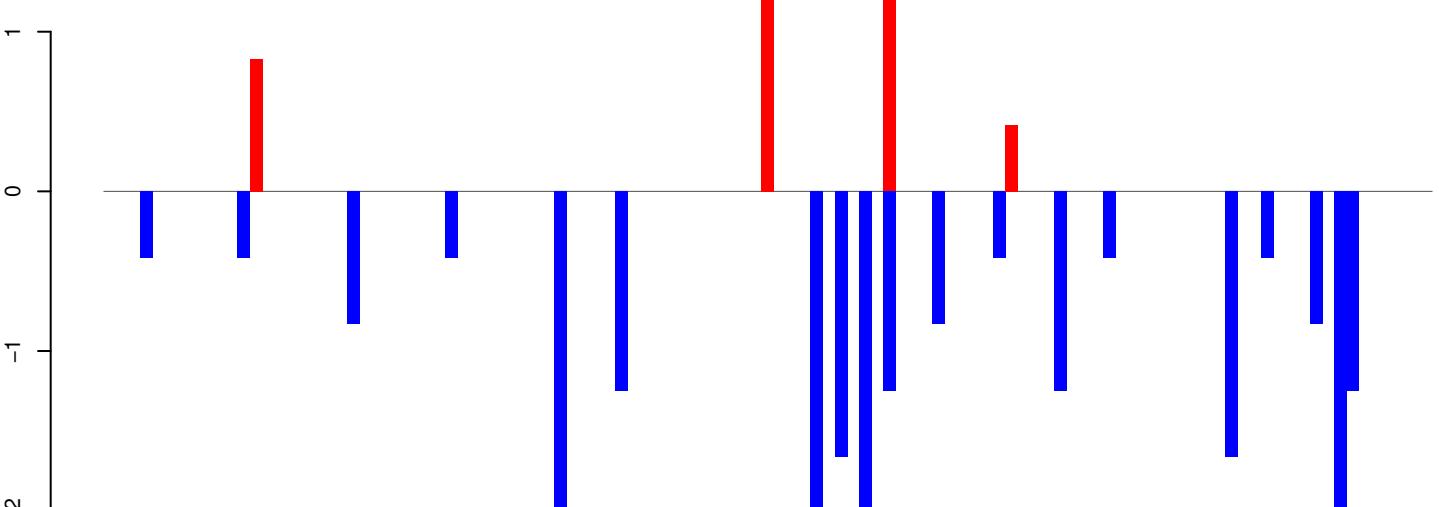
positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=4, negative=21, total=25

### AeAeg\_Whole\_sm\_r123\_JM.rep

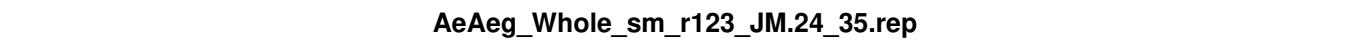


positive=4, negative=22, total=26

Window size=25, length=2706, TE@R=1387–UNKNOWN:1–2706

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

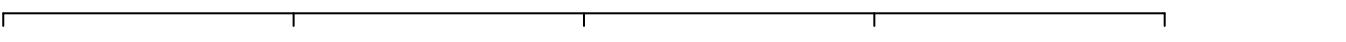
positive=7, negative=15, total=22



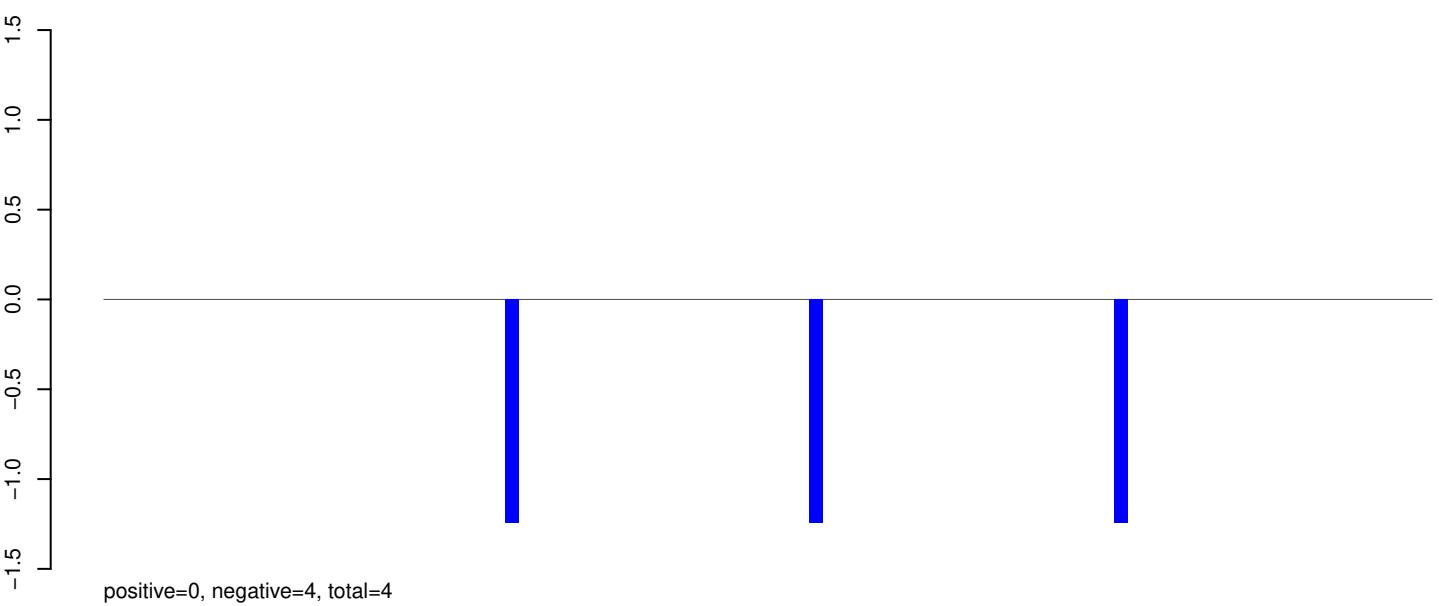
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=7, negative=17, total=24

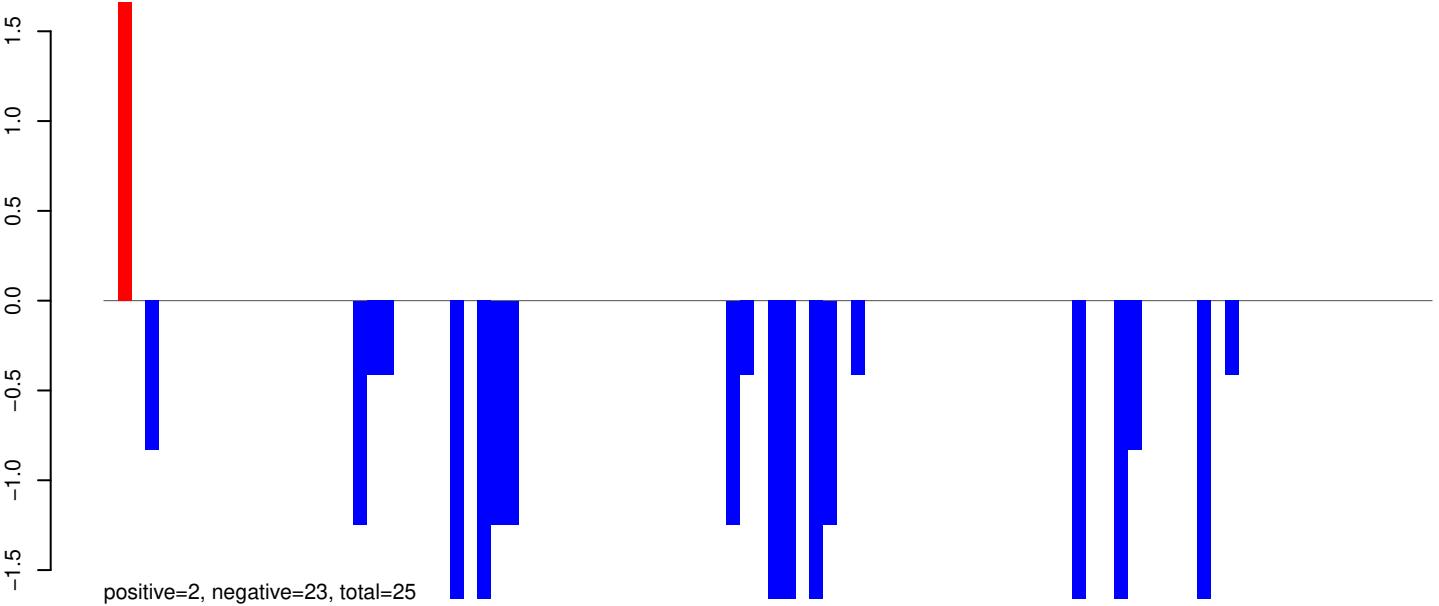
Window size=25, length=4565, TE@Copia-109\_AA-LTR-l:1-4565



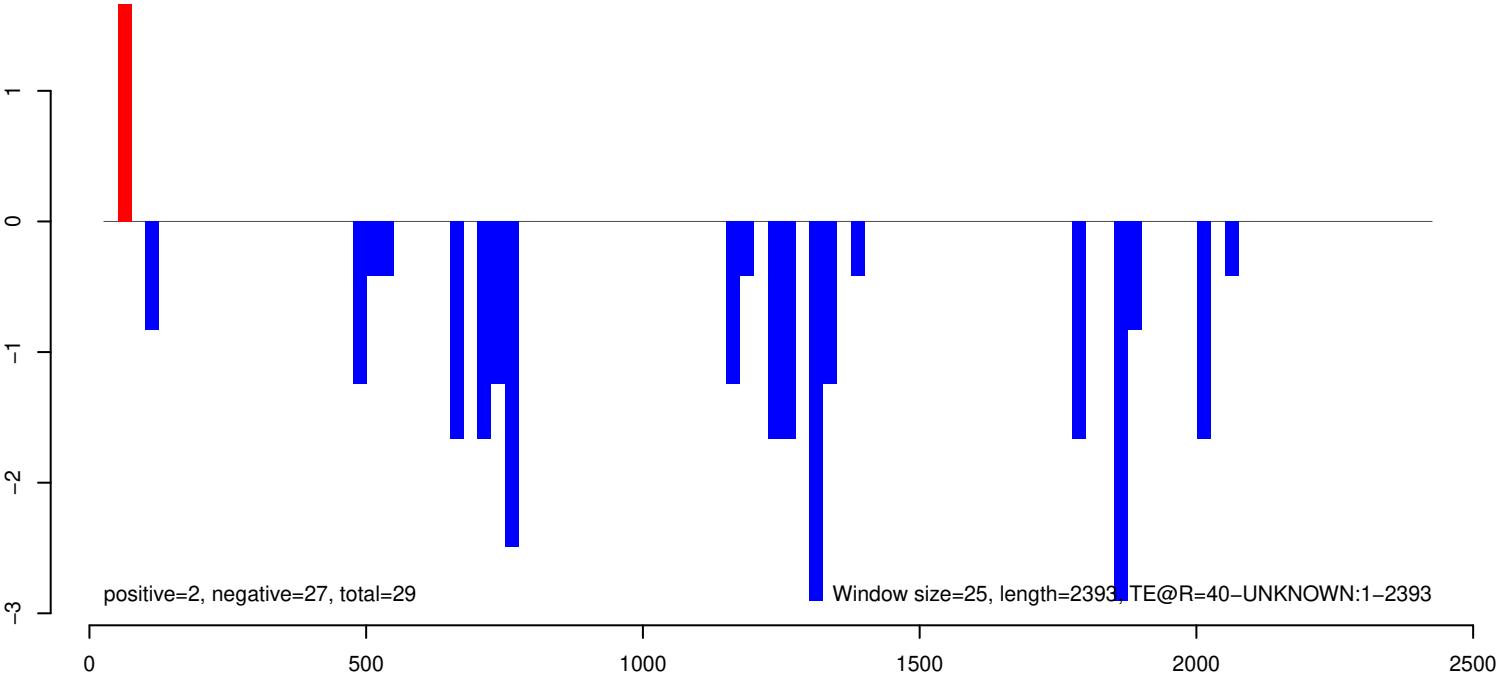
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



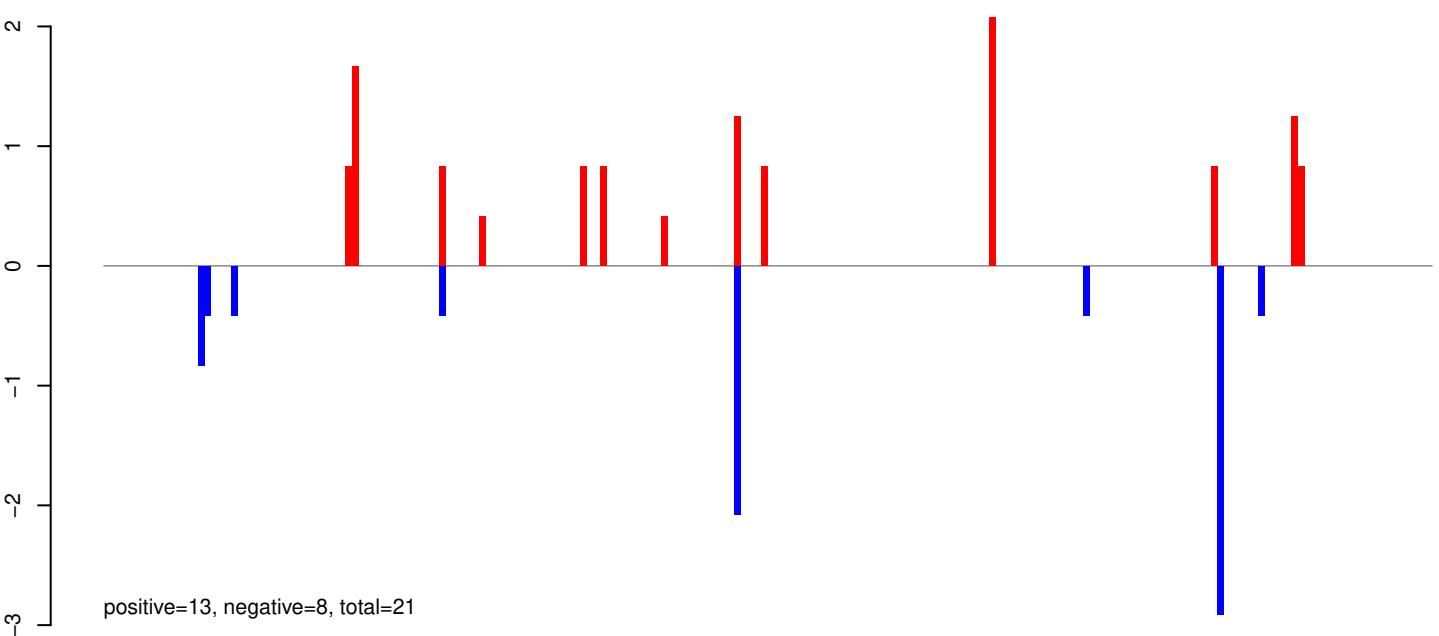
### AeAeg\_Whole\_sm\_r123\_JM.rep



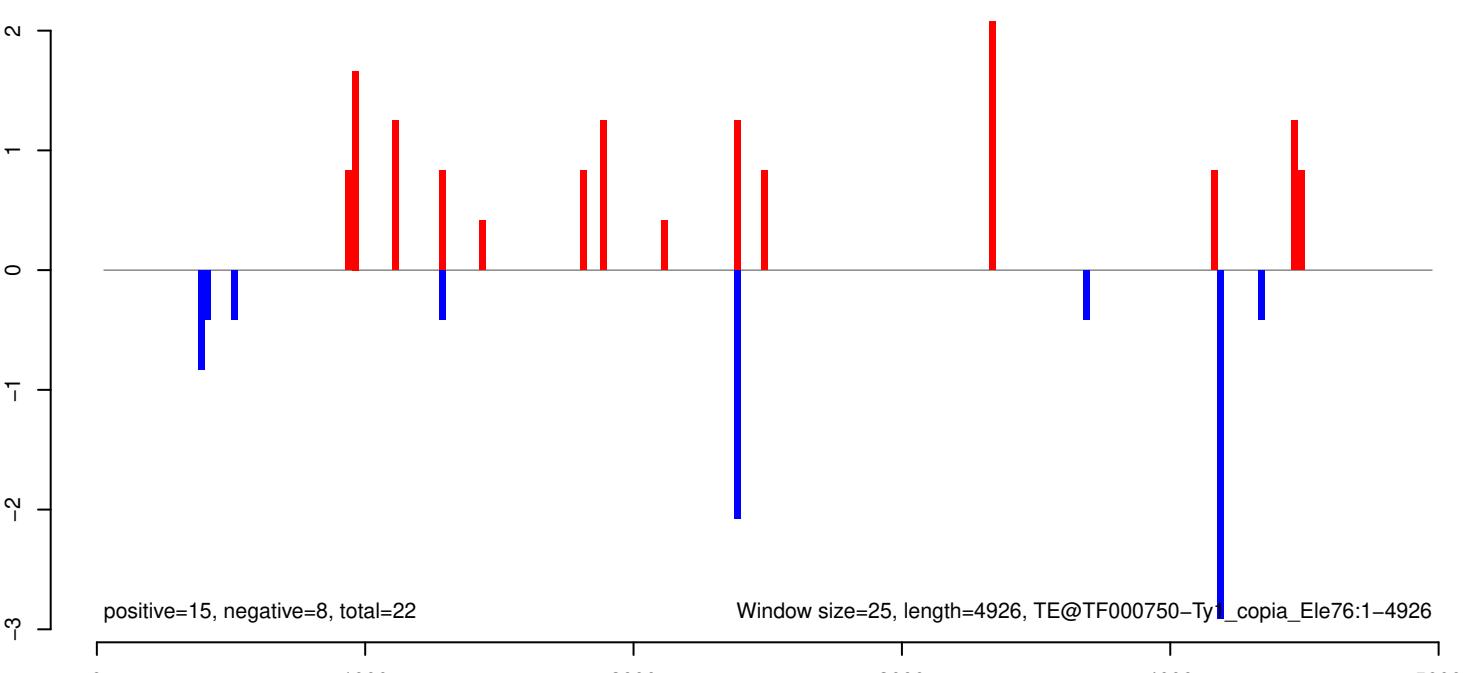
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



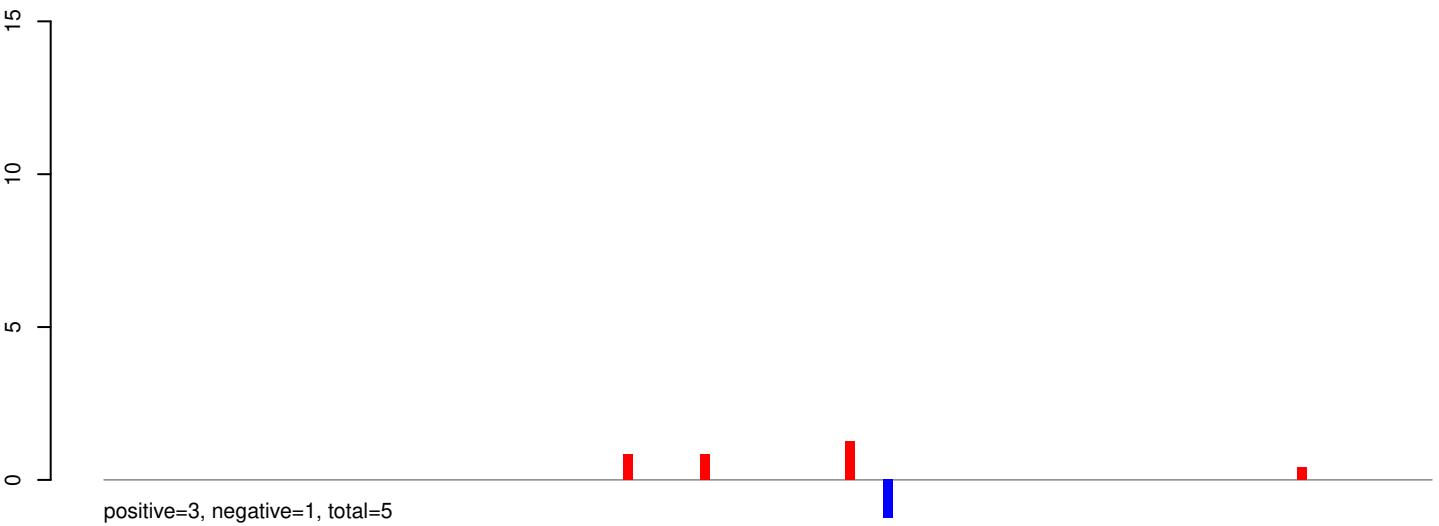
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



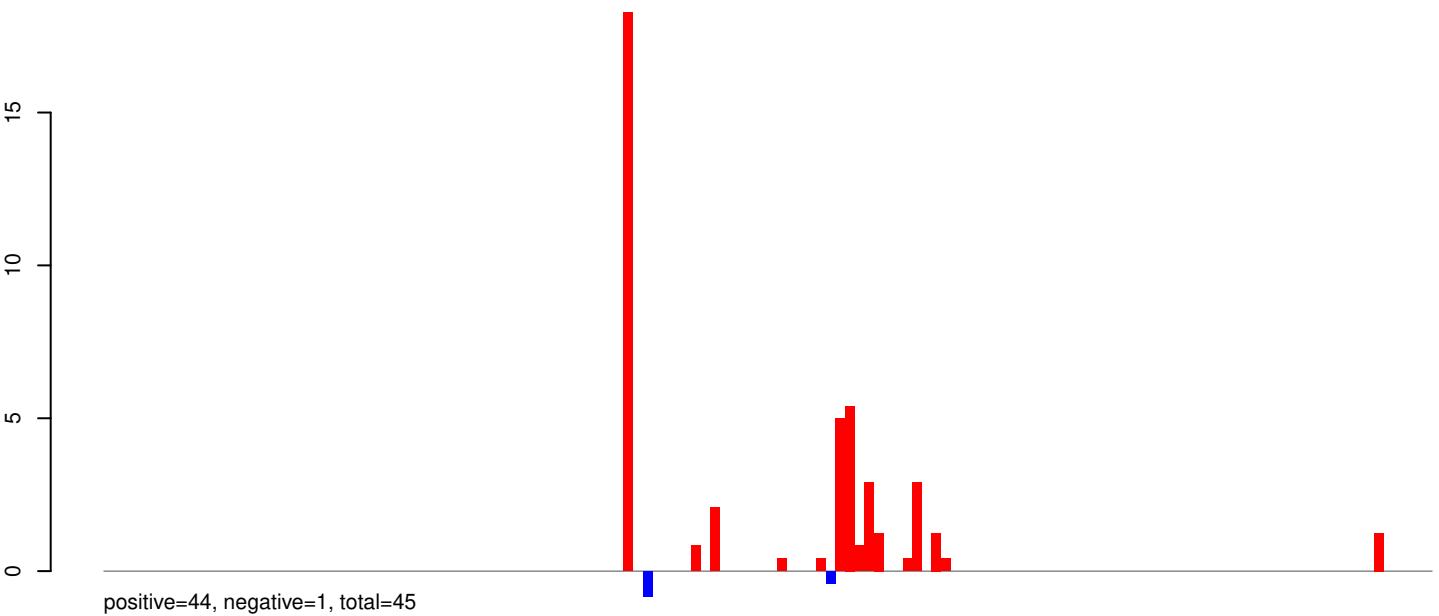
### AeAeg\_Whole\_sm\_r123\_JM.rep



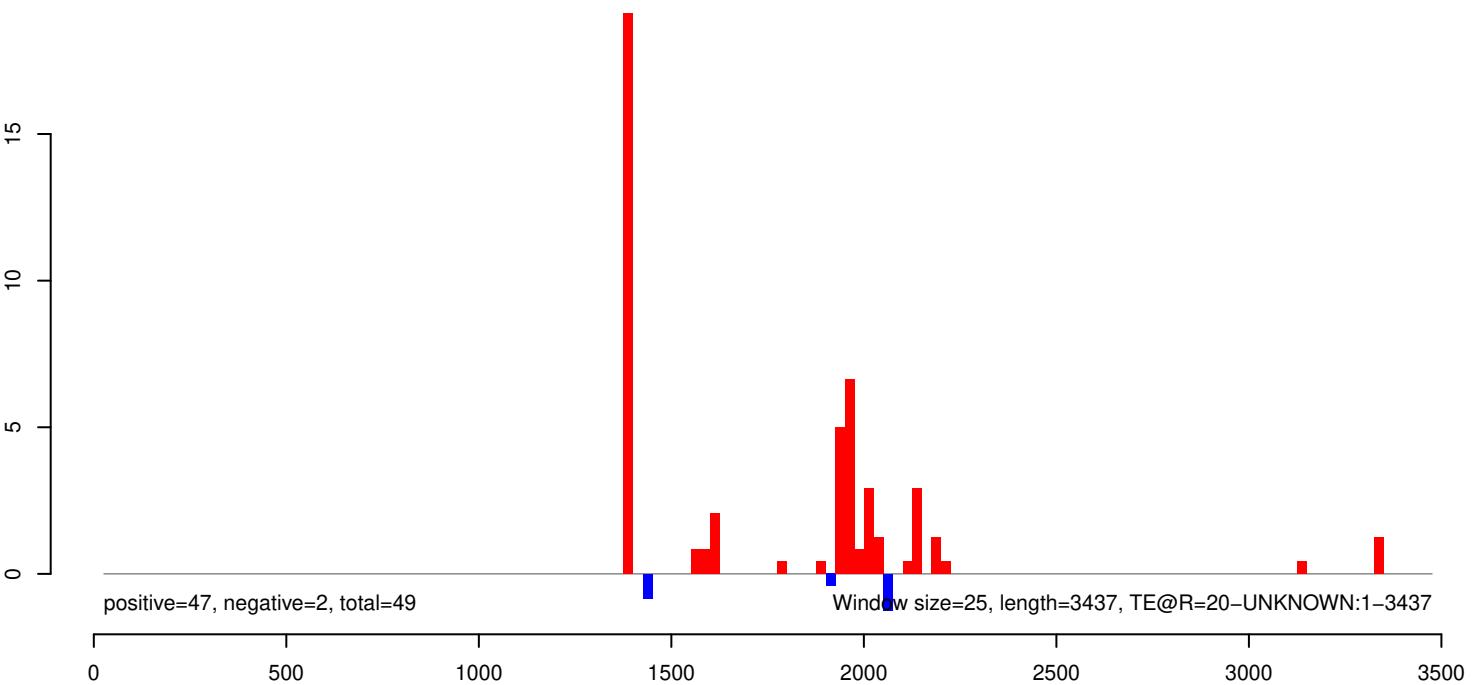
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



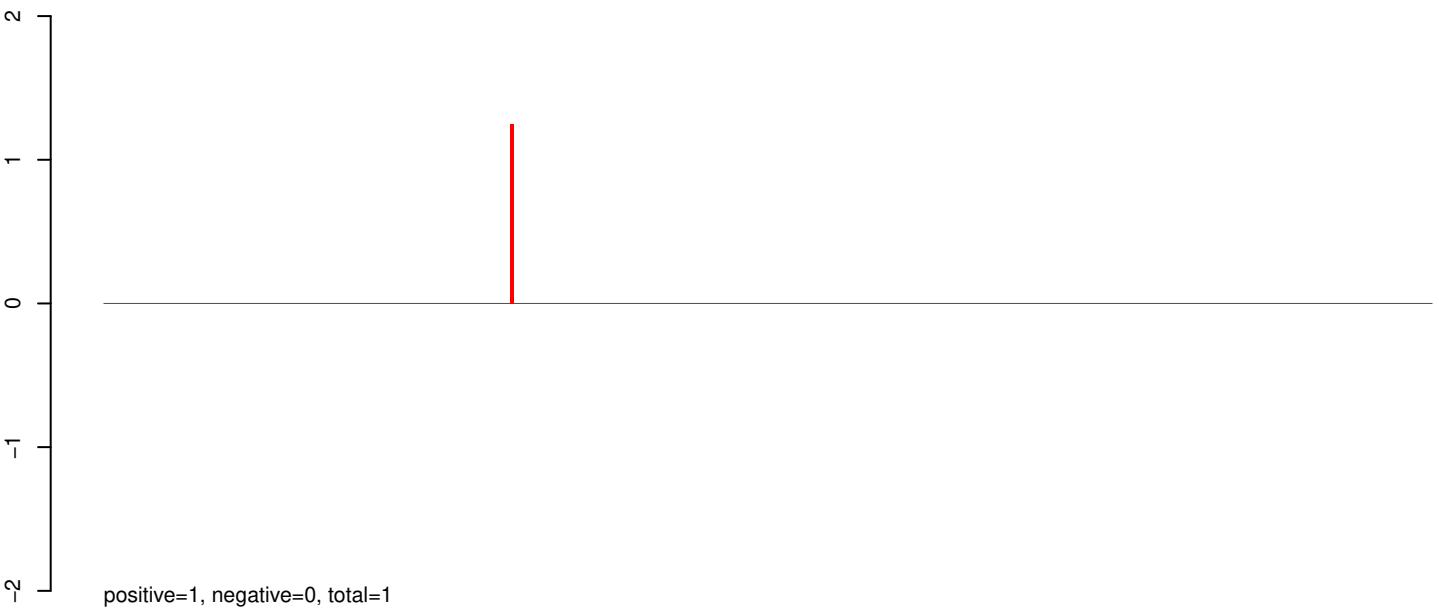
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



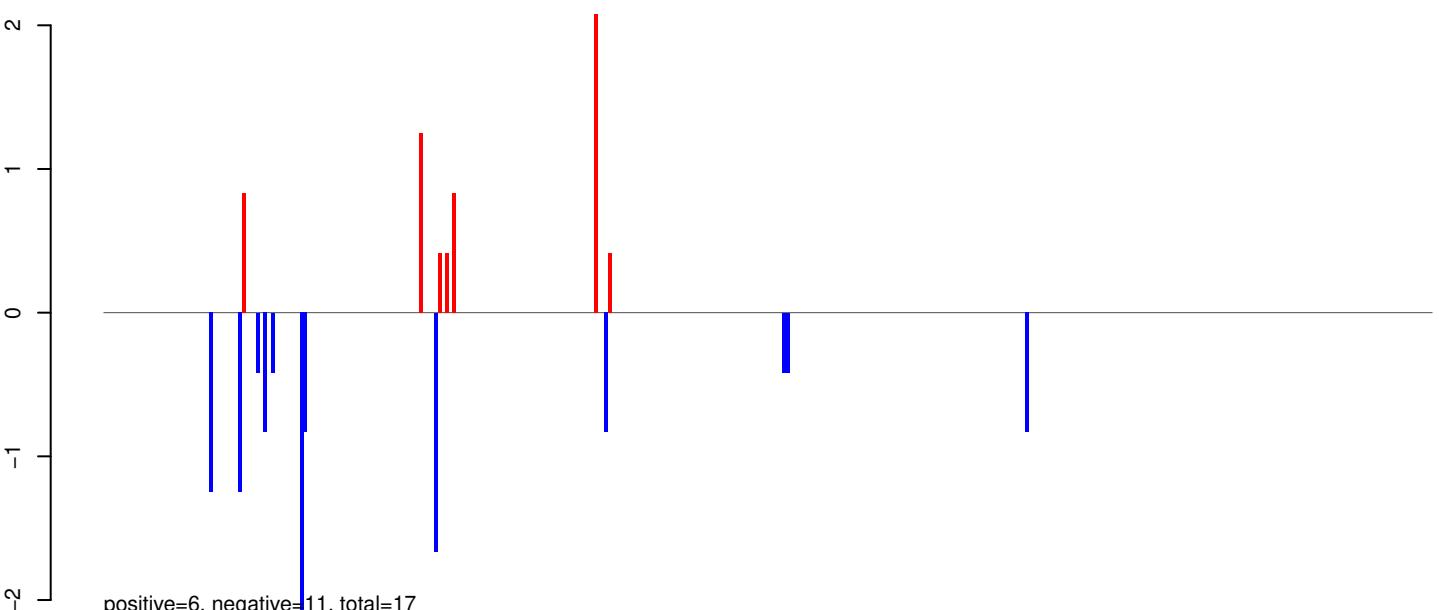
### AeAeg\_Whole\_sm\_r123\_JM.rep



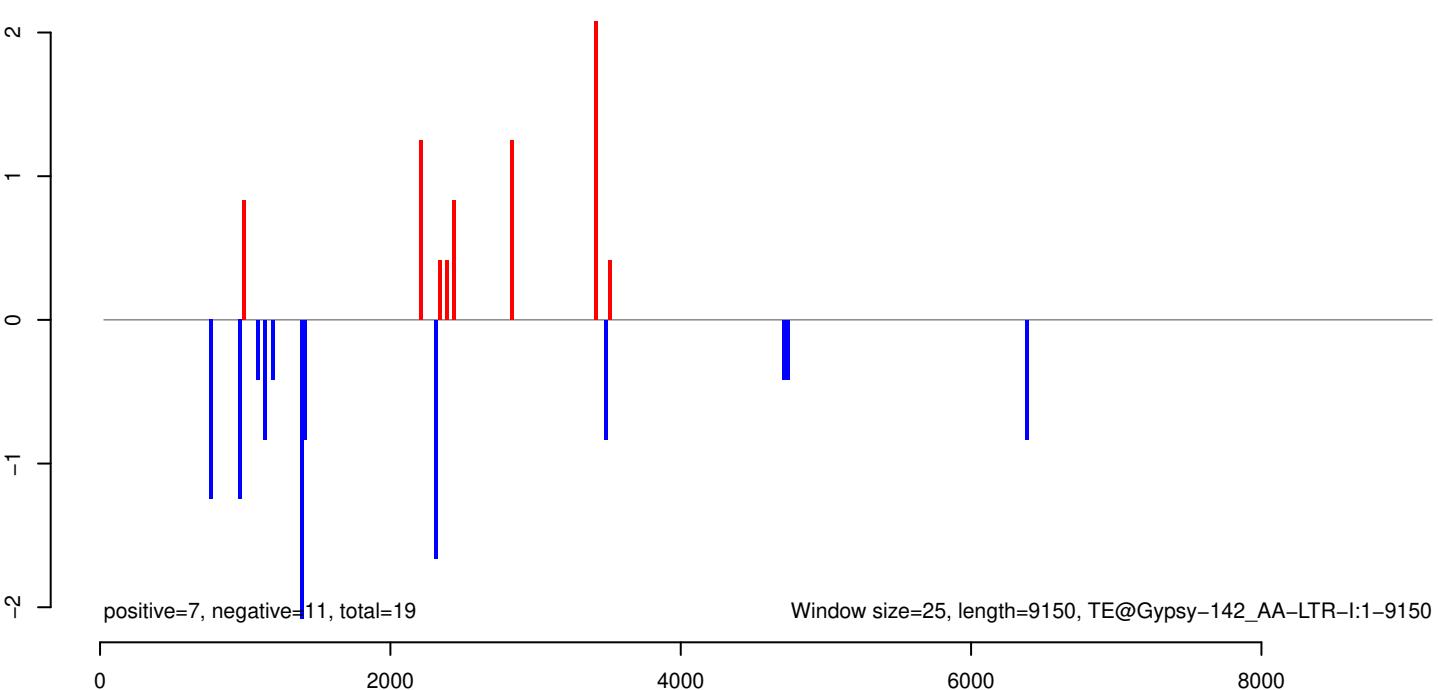
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



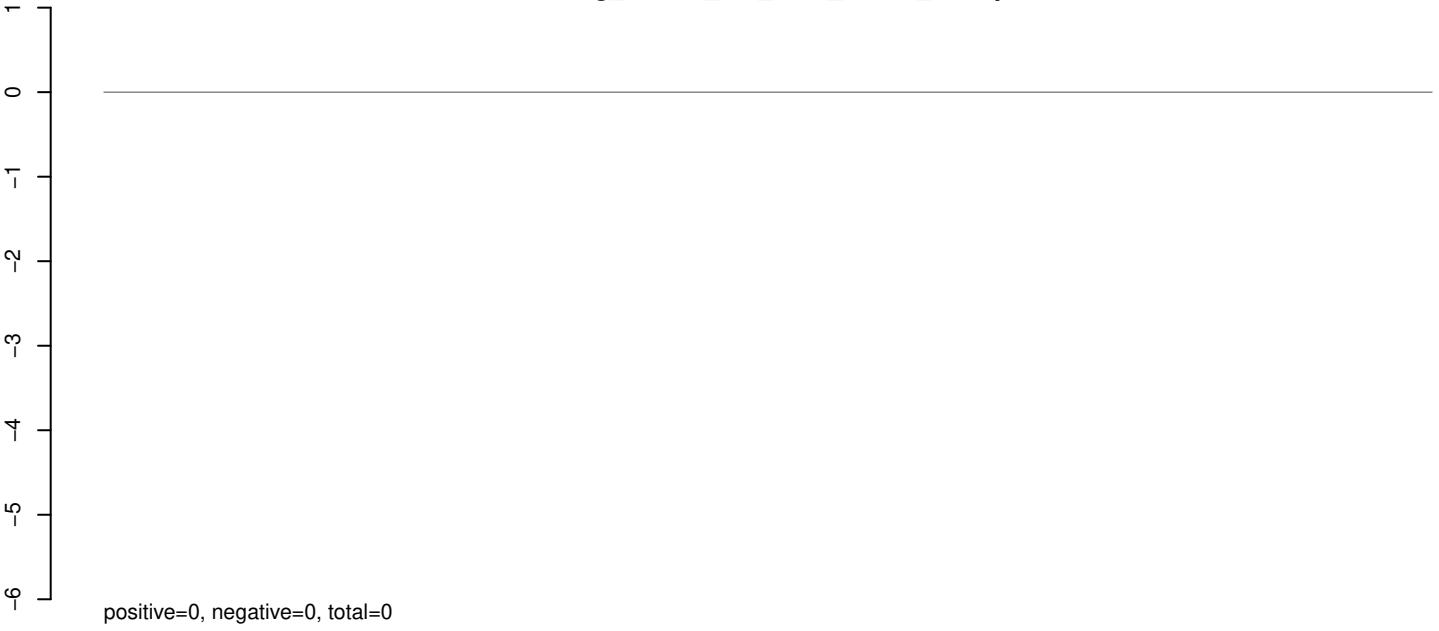
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



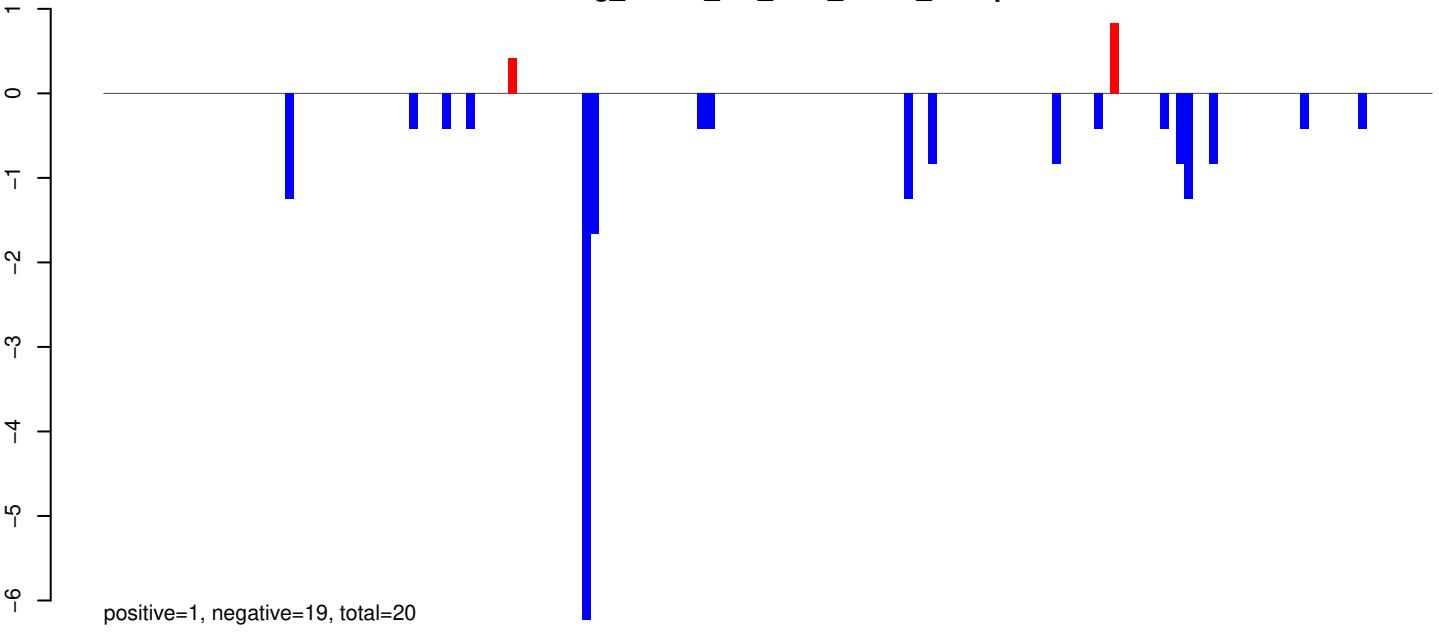
### AeAeg\_Whole\_sm\_r123\_JM.rep



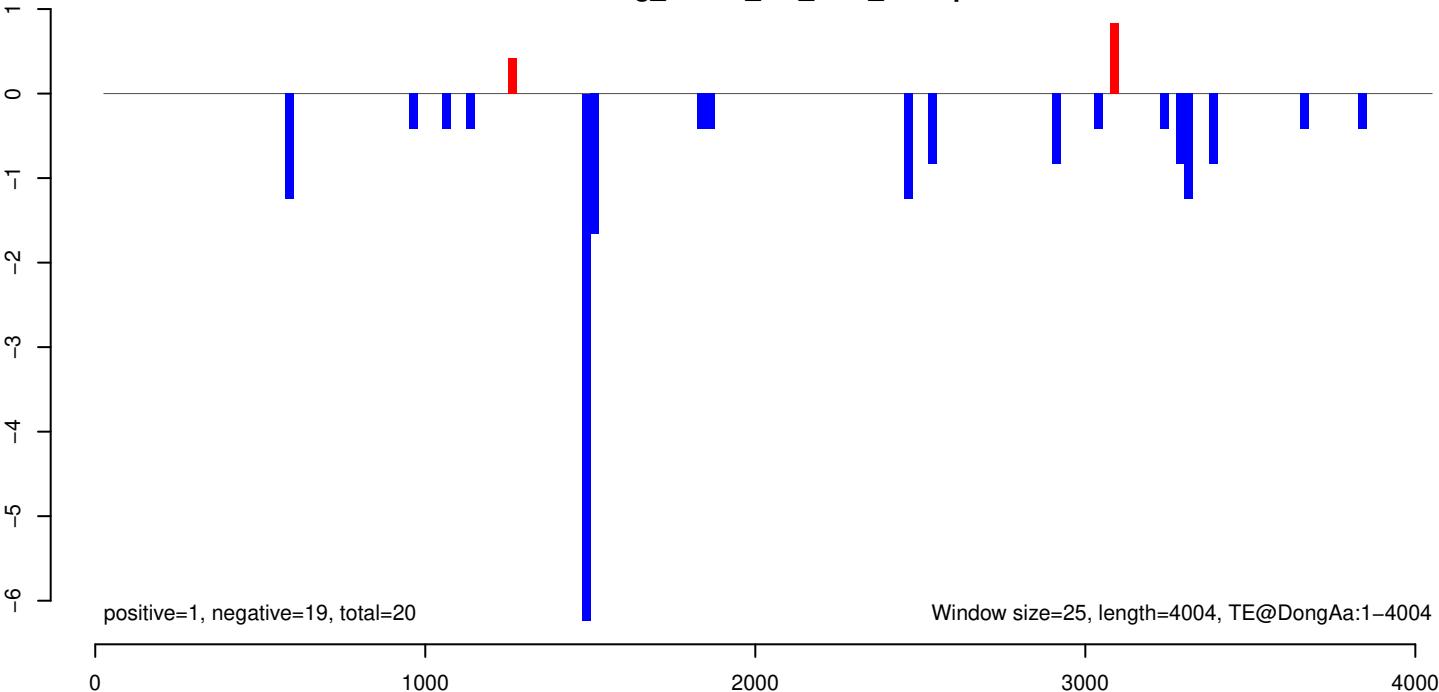
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



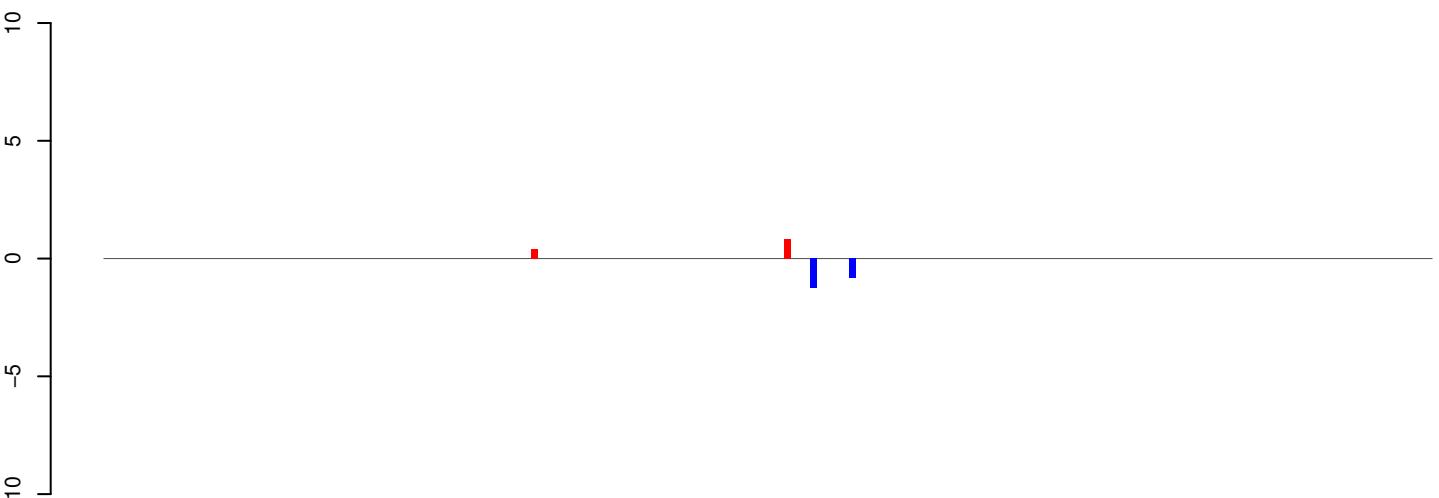
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

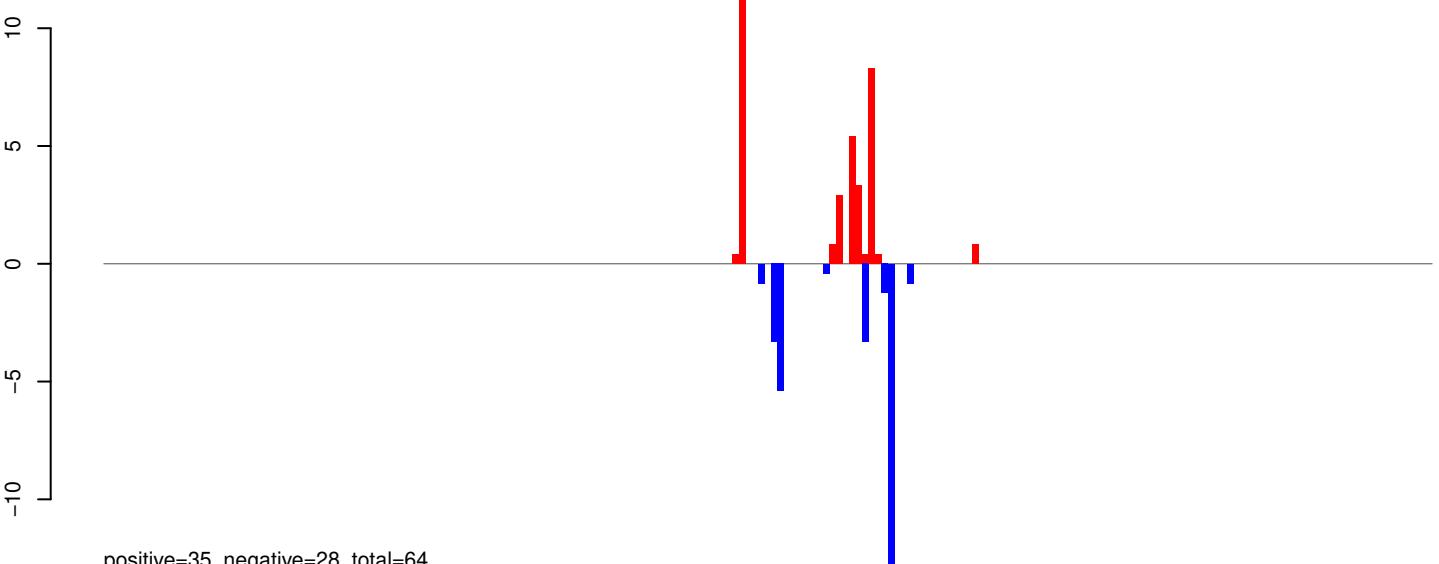


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



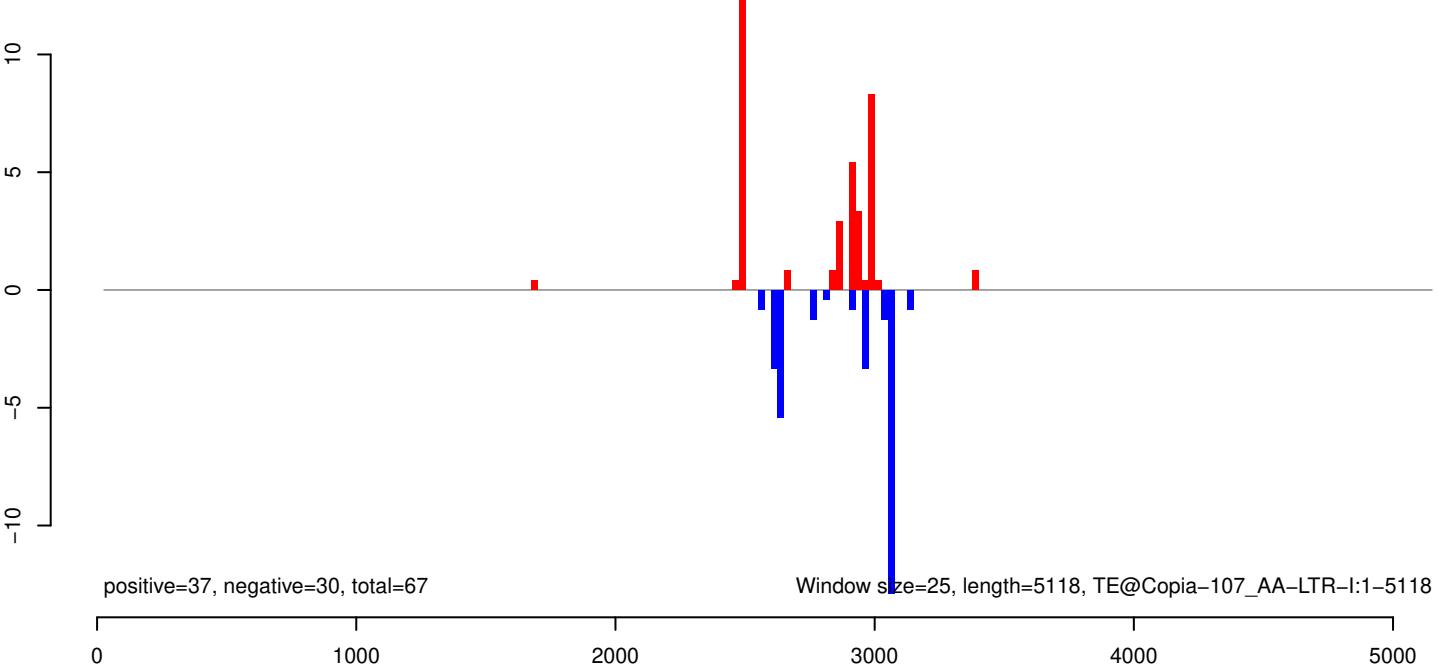
positive=1, negative=2, total=3

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=35, negative=28, total=64

### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=37, negative=30, total=67

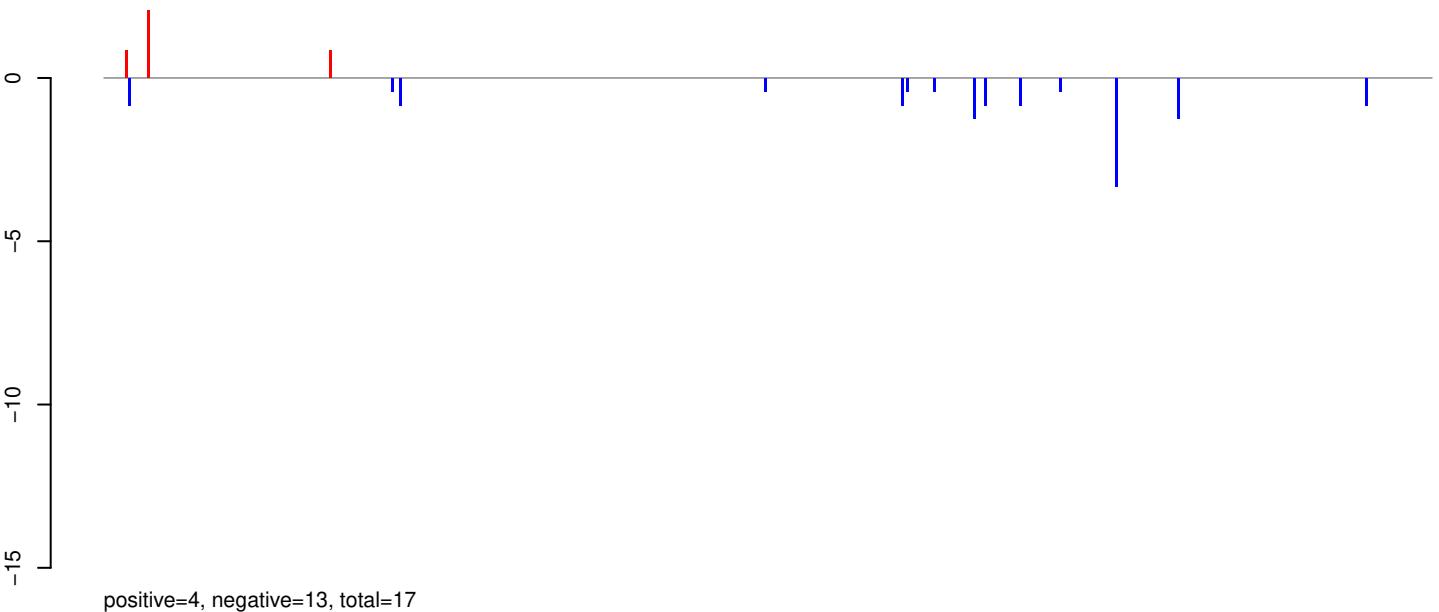
Window size=25, length=5118, TE@Copia-107\_AA-LTR-I:1-5118

0 1000 2000 3000 4000 5000

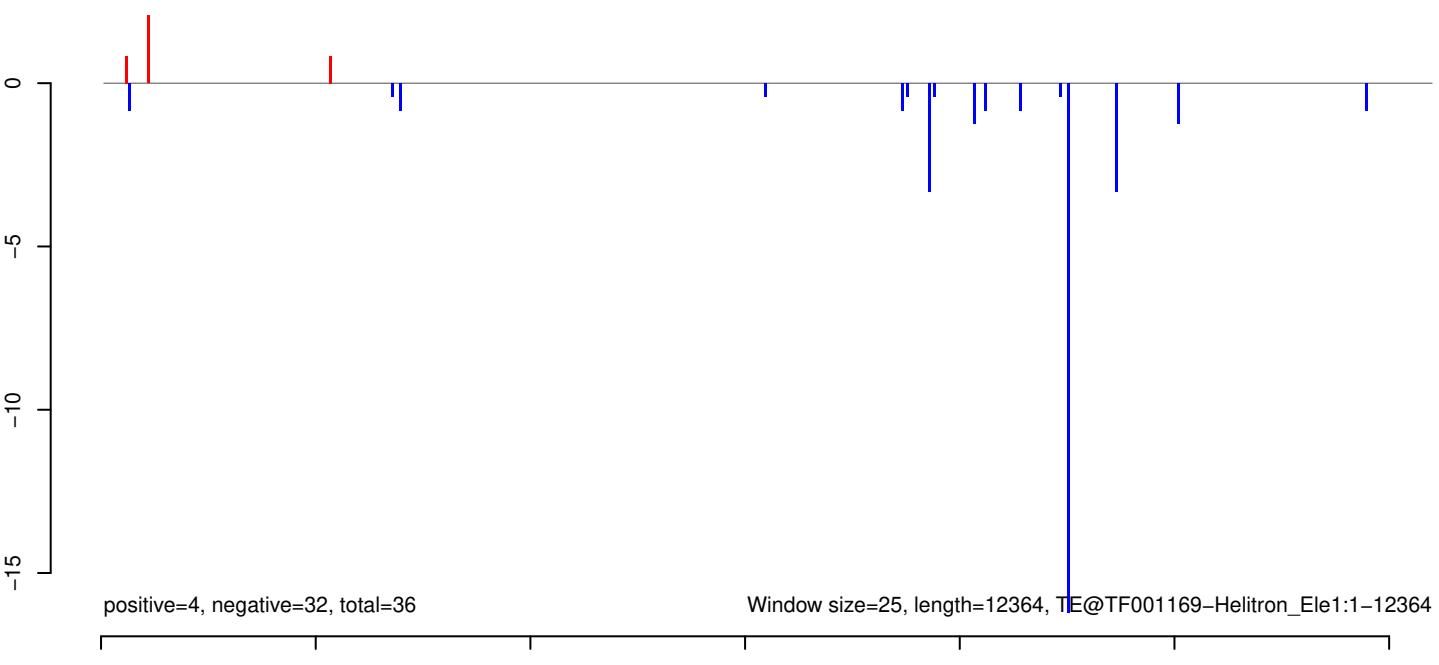
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



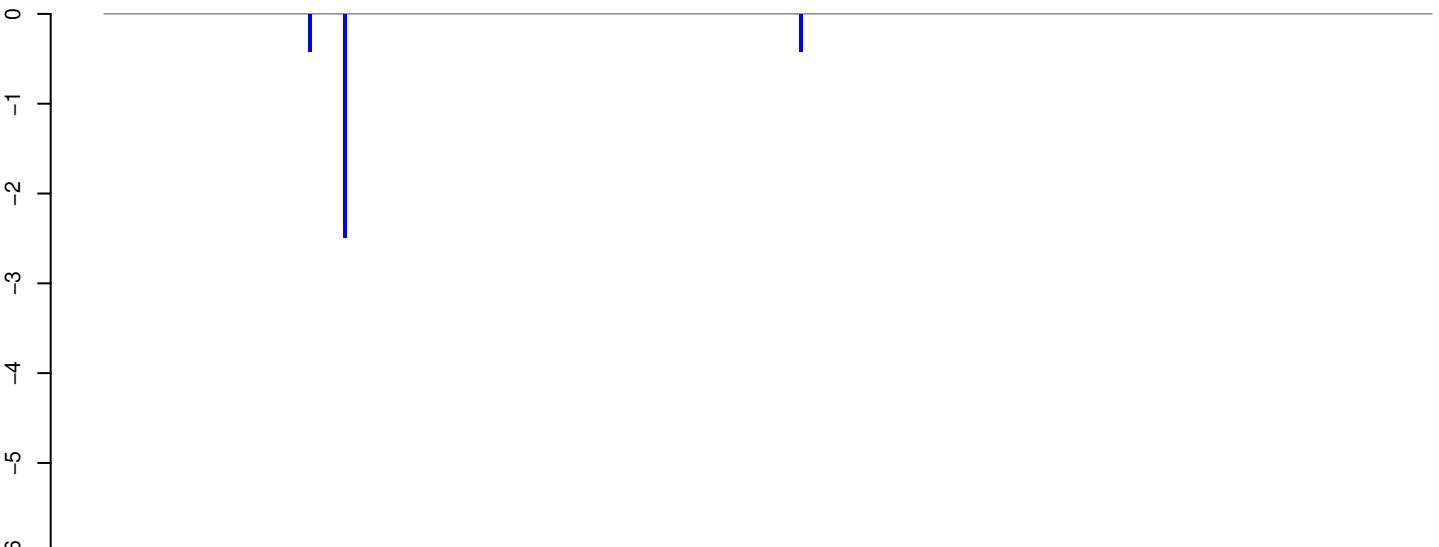
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

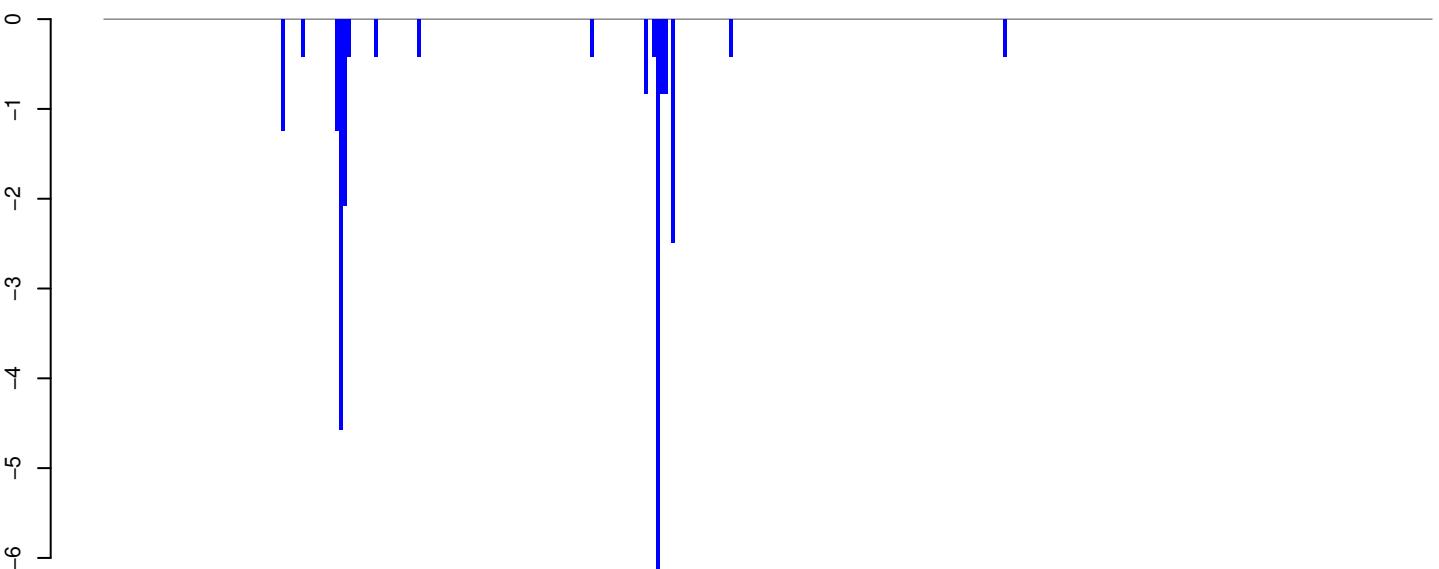


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



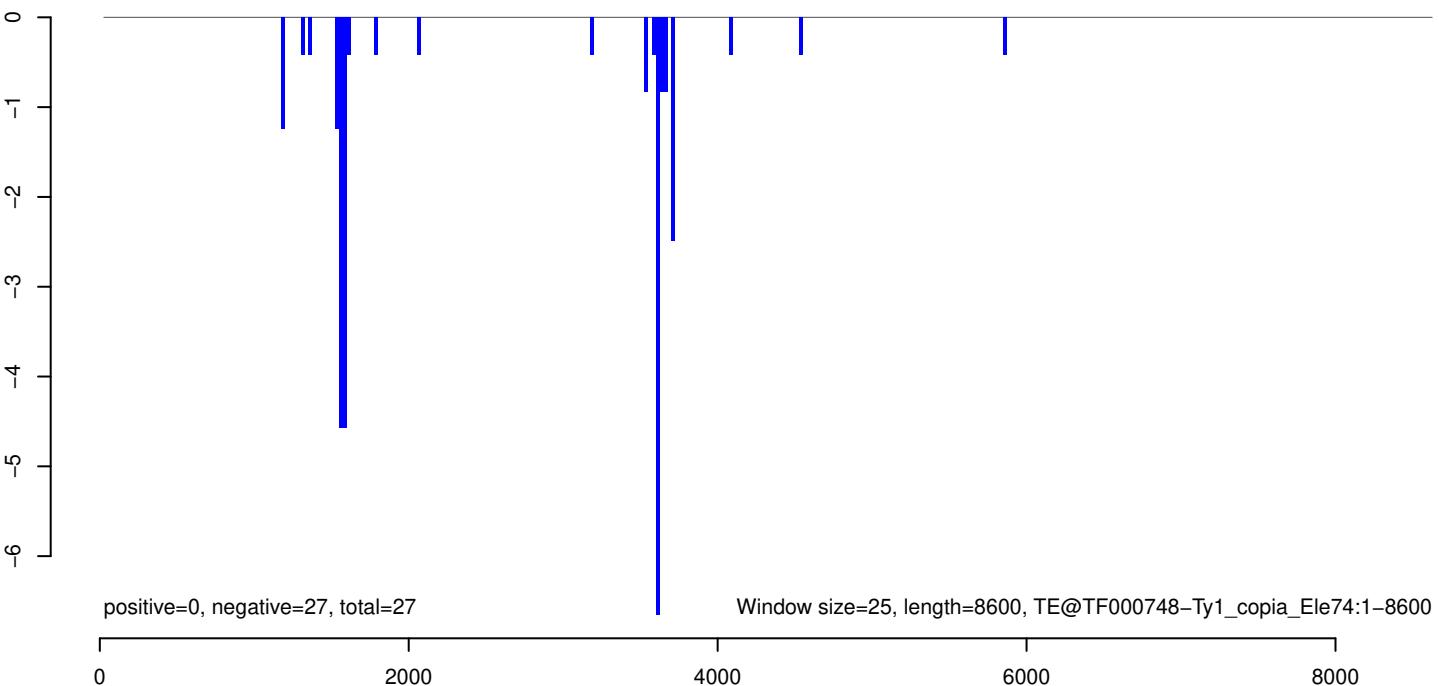
positive=0, negative=3, total=3

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=24, total=24

### AeAeg\_Whole\_sm\_r123\_JM.rep

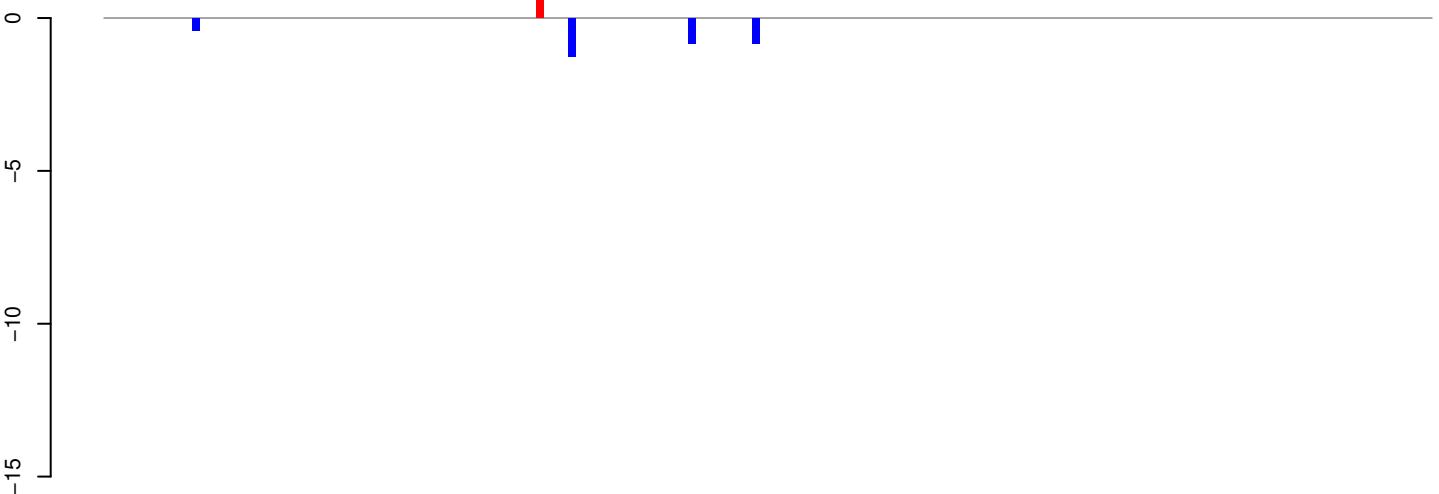


positive=0, negative=27, total=27

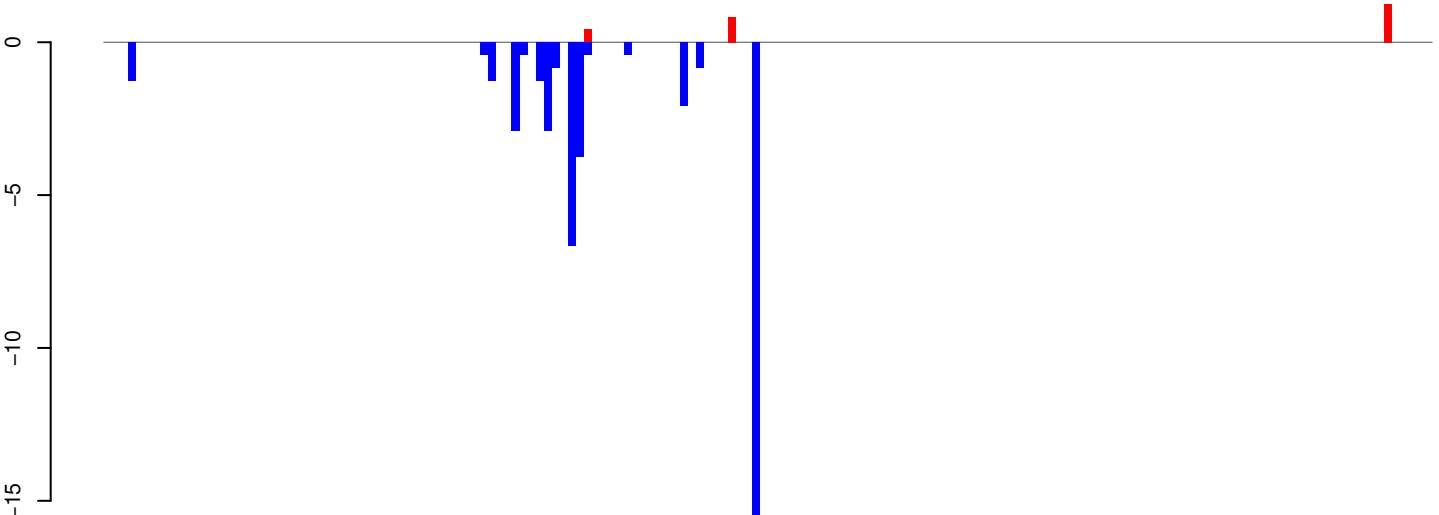
Window size=25, length=8600, TE@TF000748-Ty1\_copia\_Ele74:1-8600

0 2000 4000 6000 8000

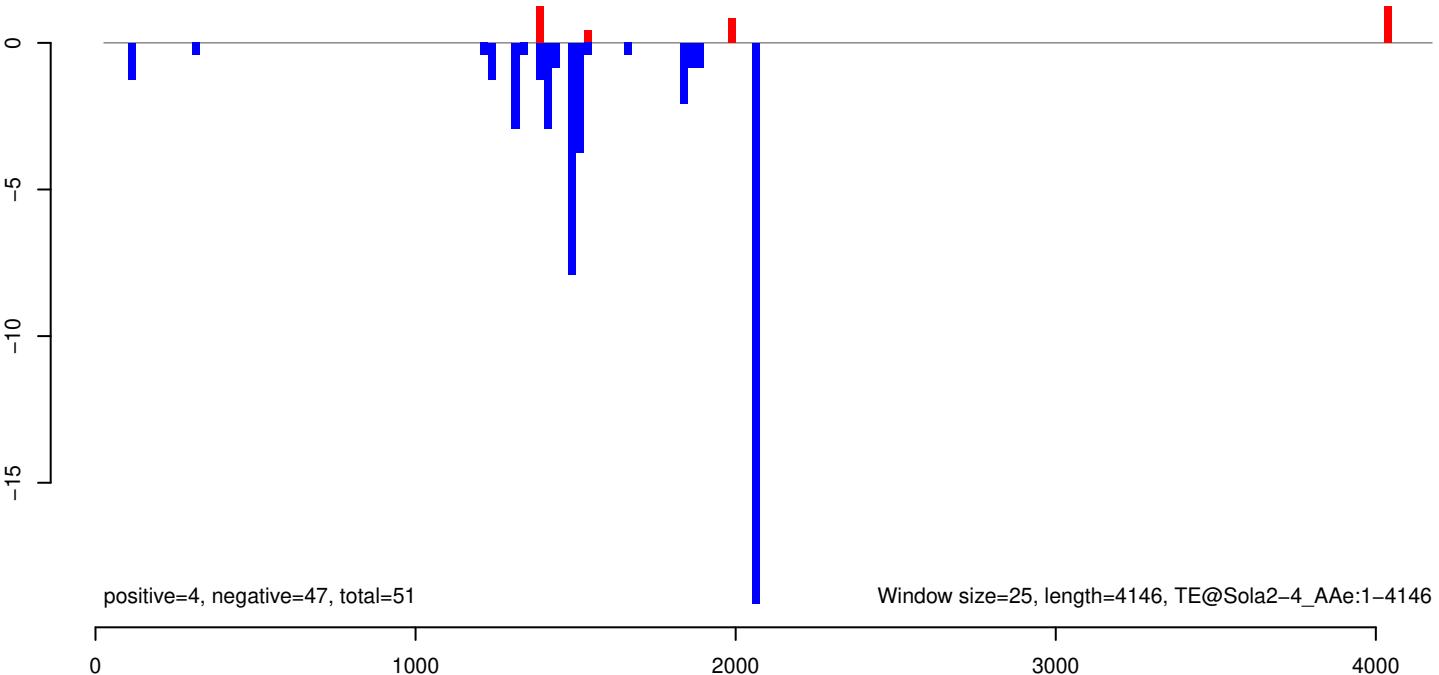
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



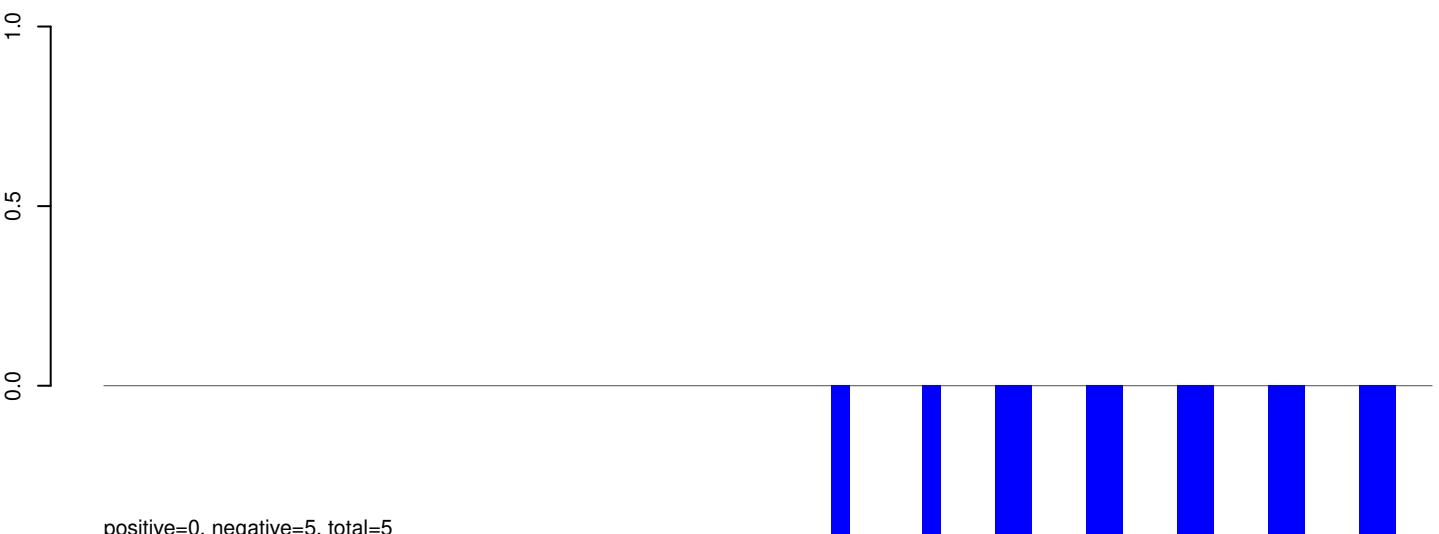
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



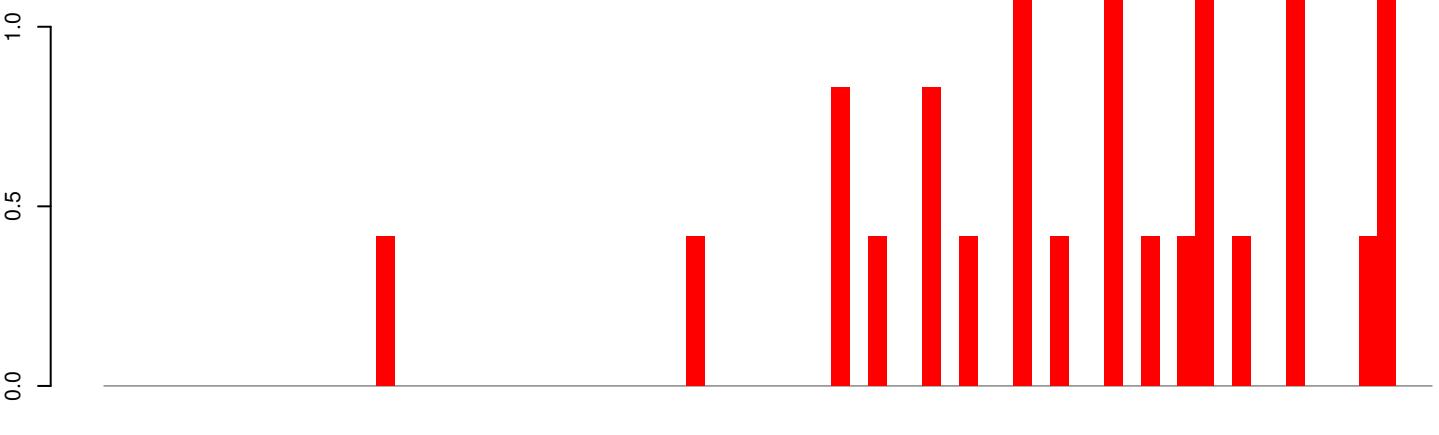
### AeAeg\_Whole\_sm\_r123\_JM.rep



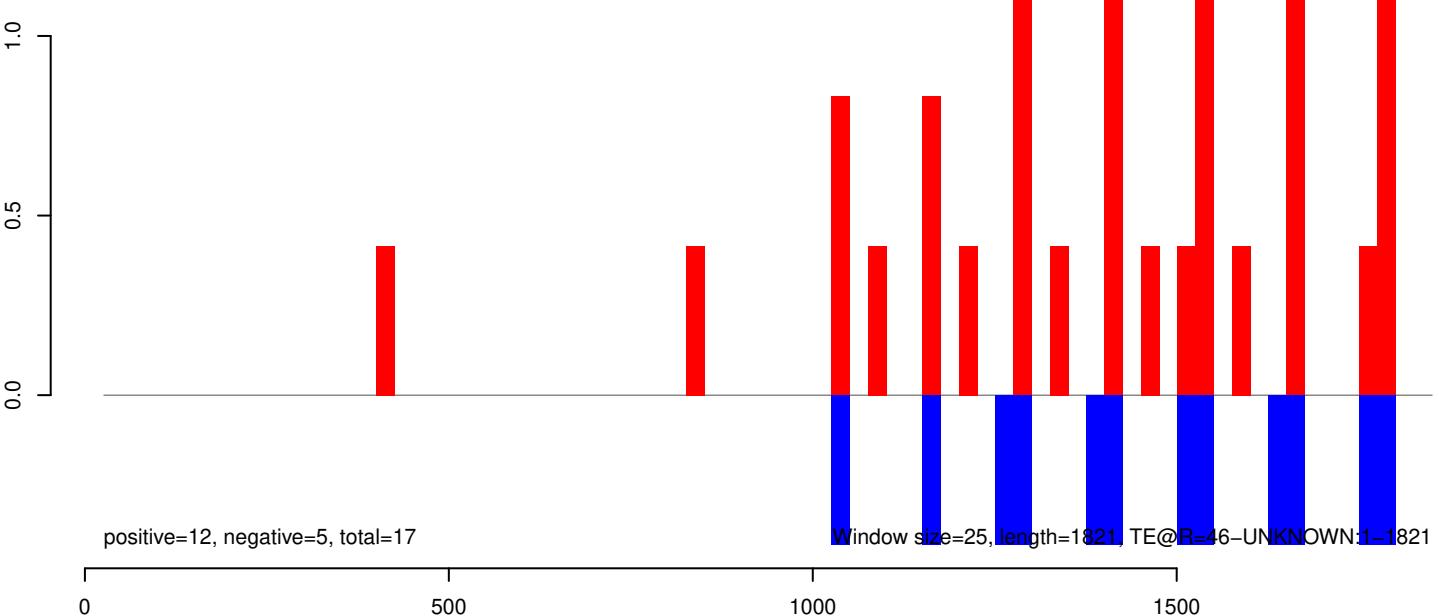
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



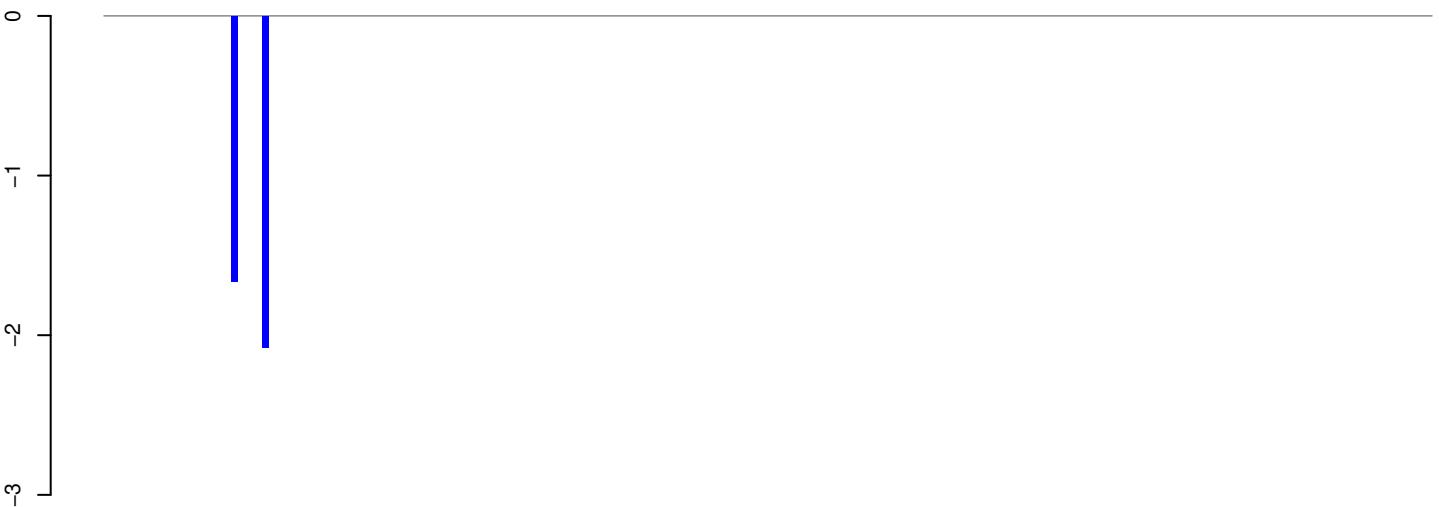
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

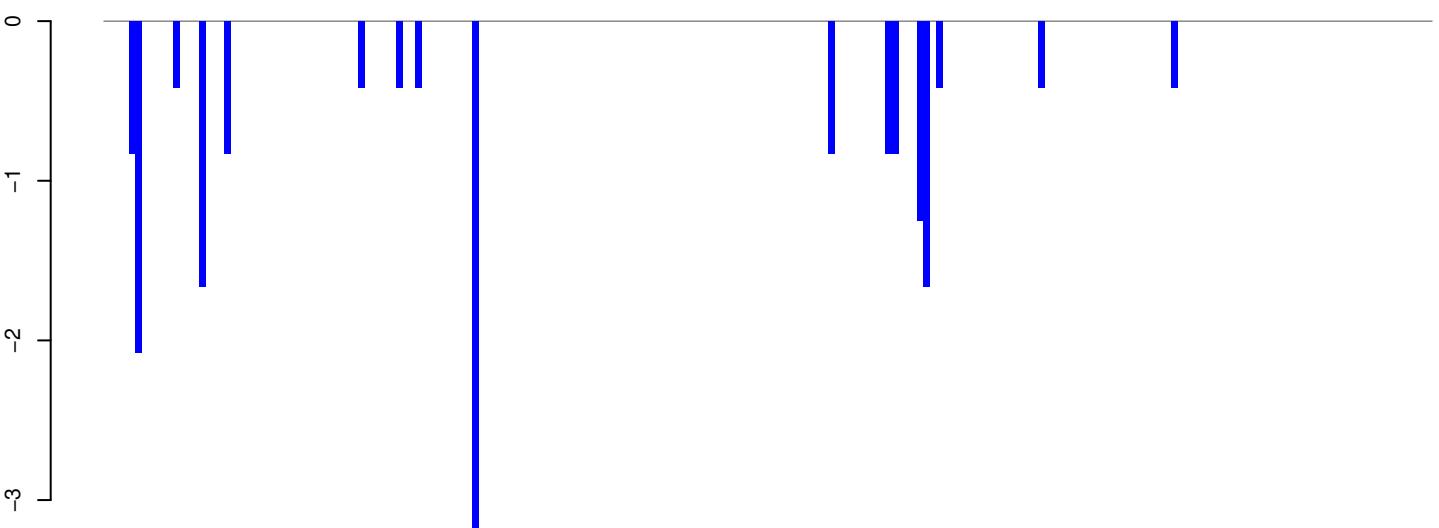


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



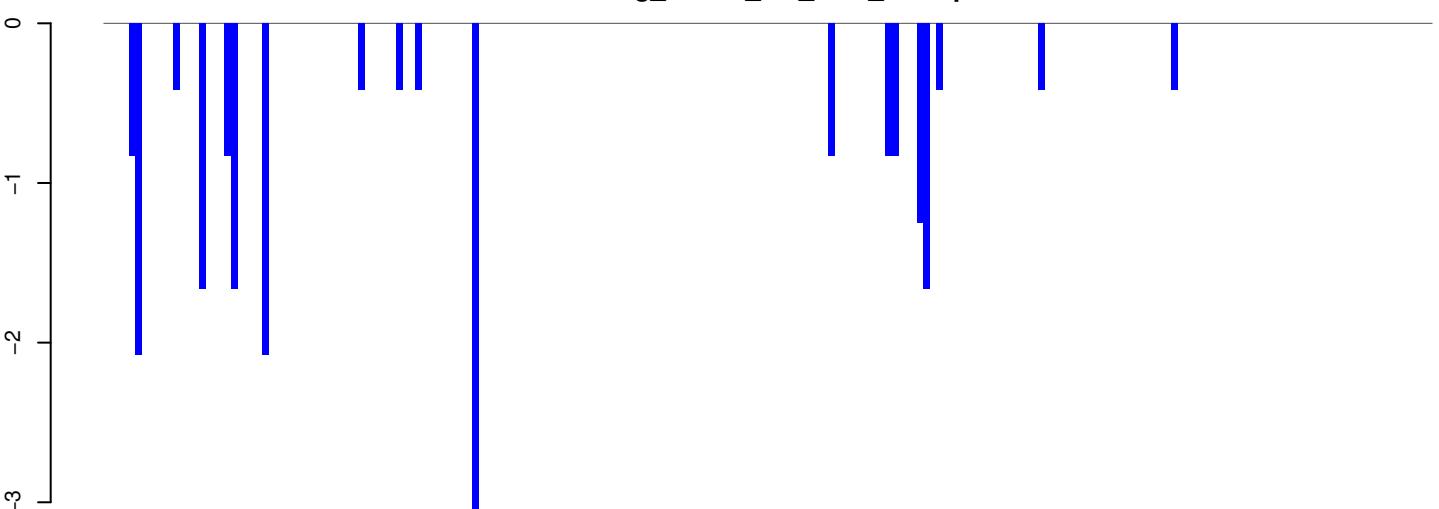
positive=0, negative=4, total=4

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=17, total=17

### AeAeg\_Whole\_sm\_r123\_JM.rep

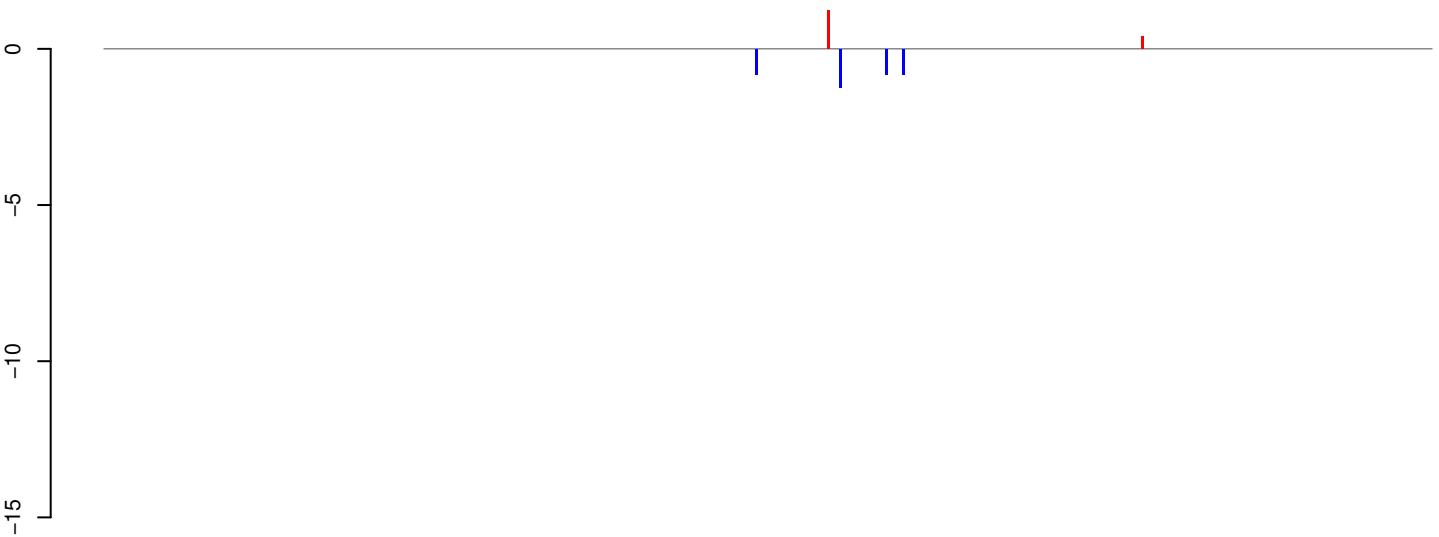


positive=0, negative=21, total=21

Window size=25, length=5210, TE@L2B-4B\_AAe:1-5210

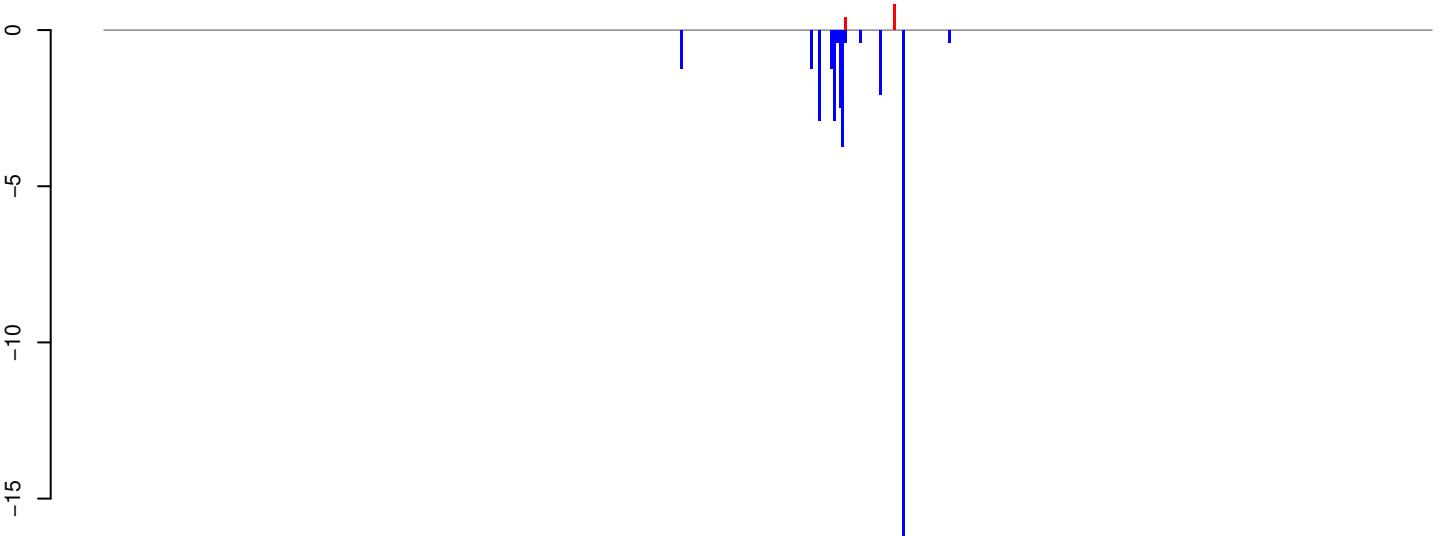
0 1000 2000 3000 4000 5000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



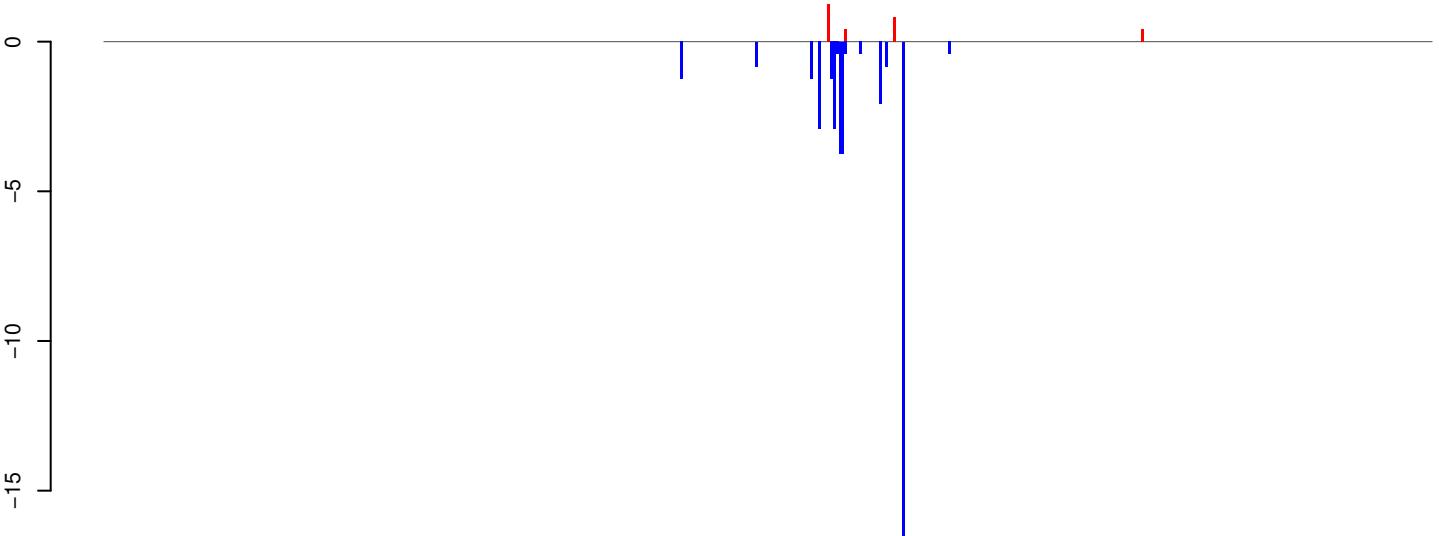
positive=2, negative=4, total=5

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



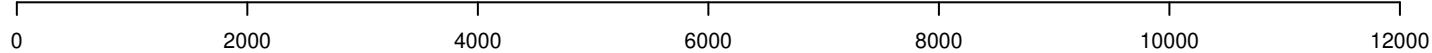
positive=1, negative=37, total=39

### AeAeg\_Whole\_sm\_r123\_JM.rep

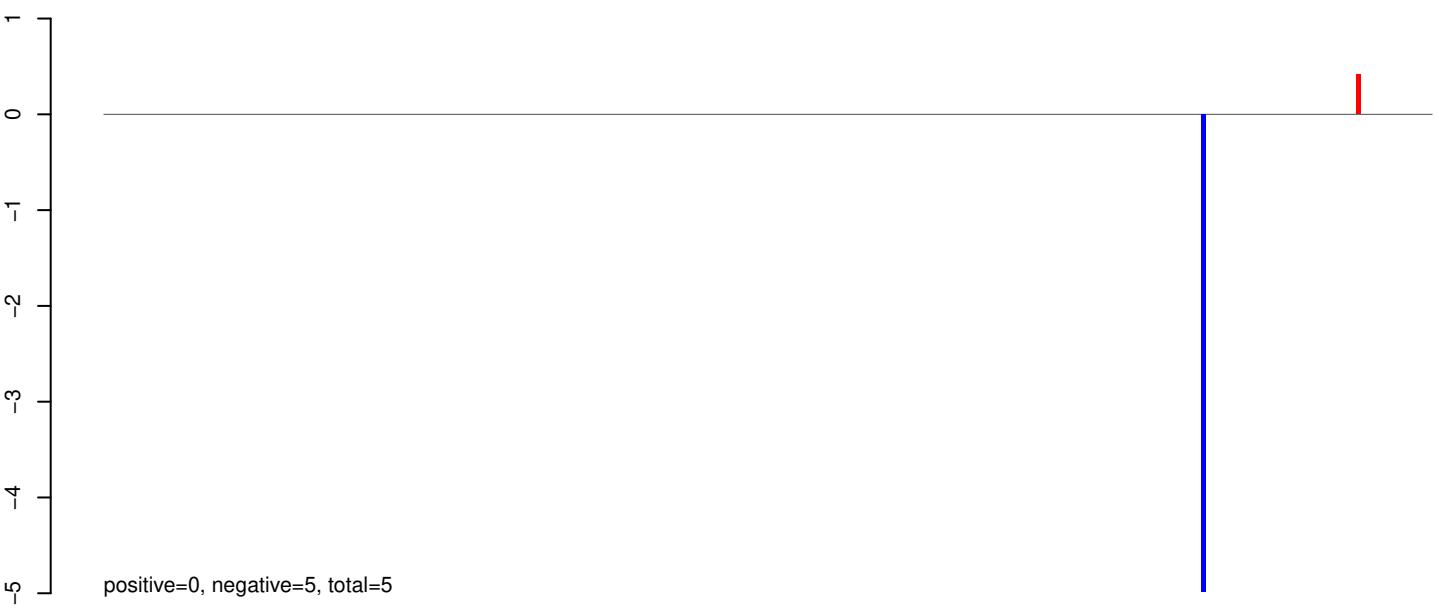


positive=3, negative=41, total=44

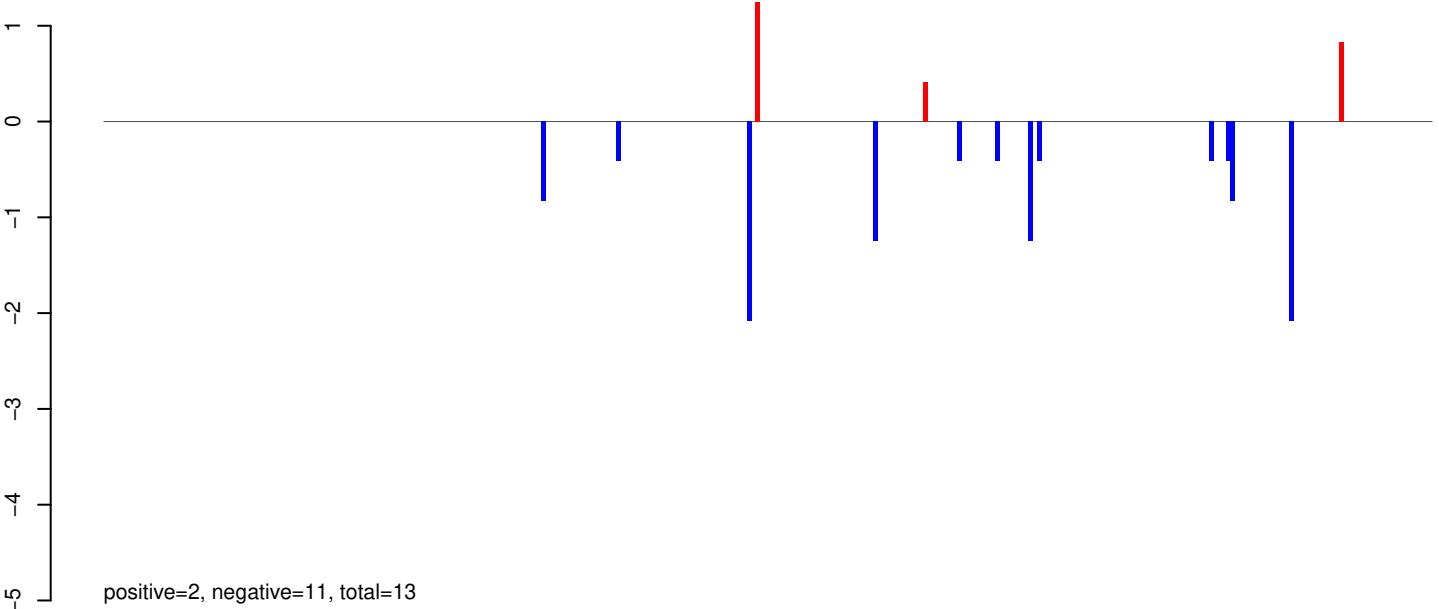
Window size=25, length=11512, TE@TF000329-Pao\_Bel\_Ele28:1-11512



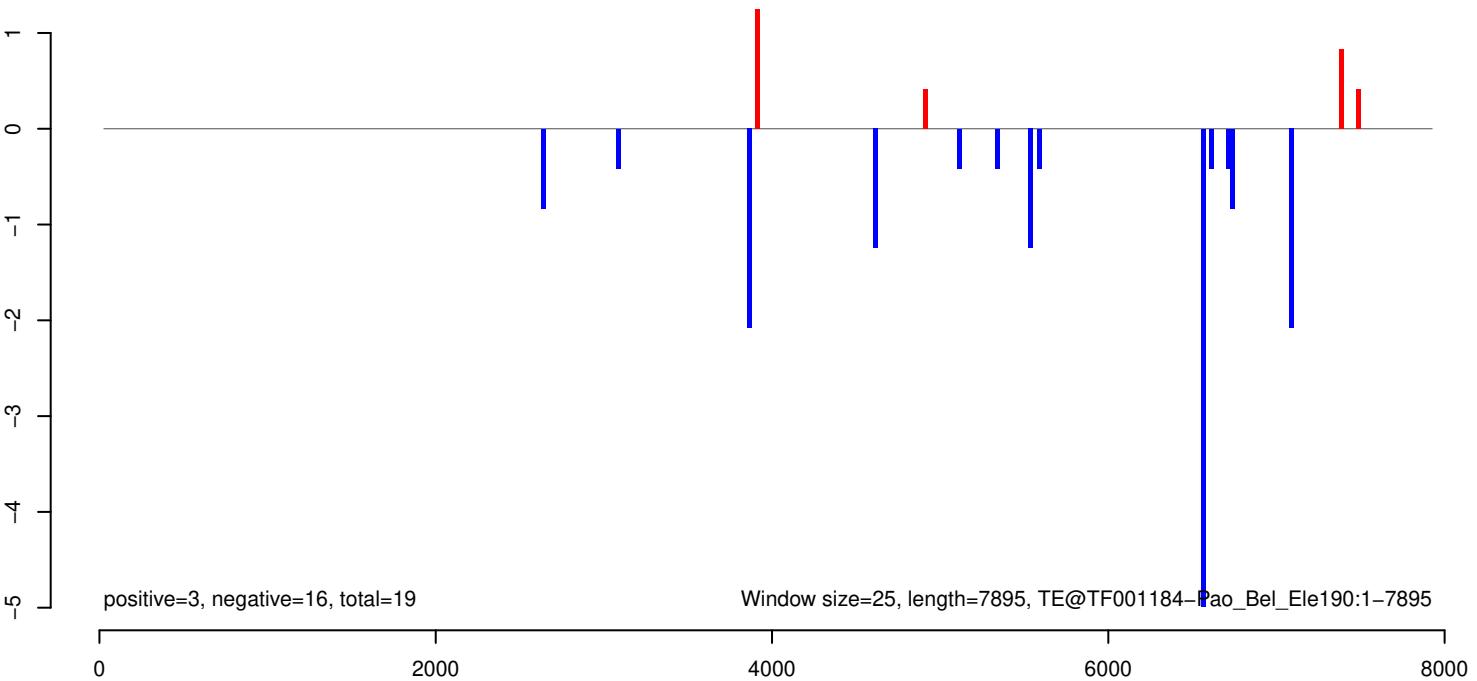
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



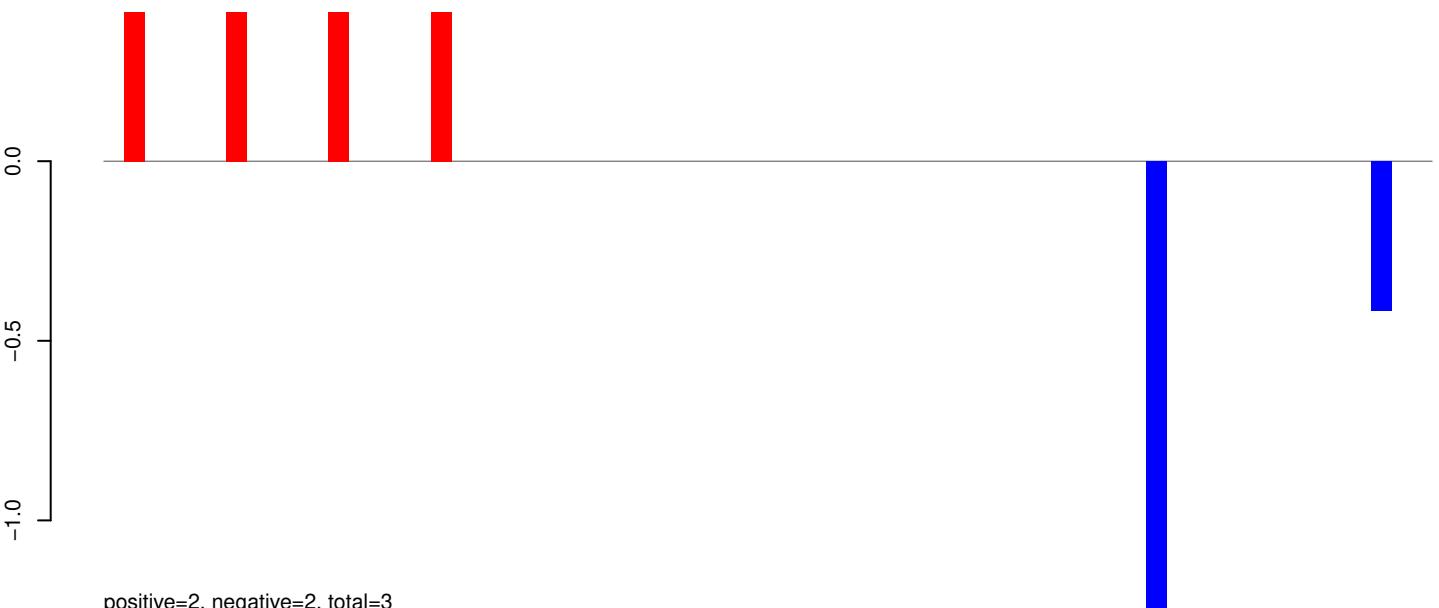
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



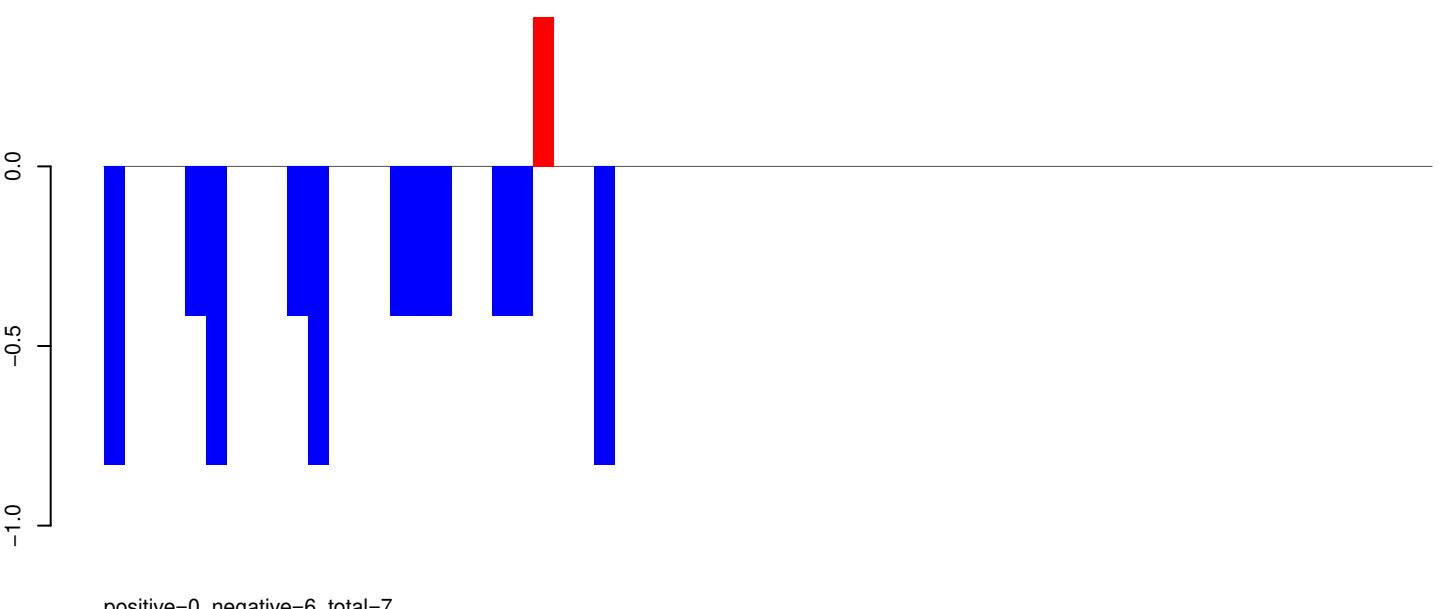
### AeAeg\_Whole\_sm\_r123\_JM.rep



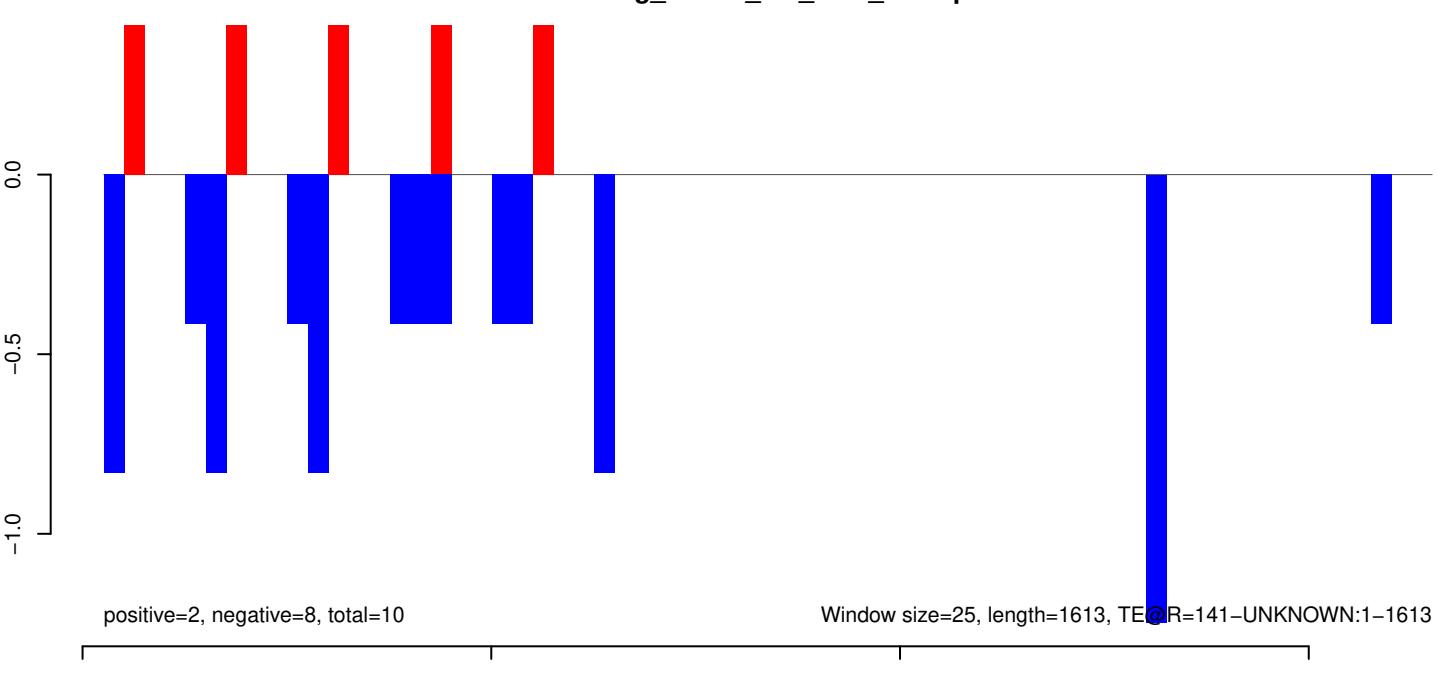
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=7, total=7

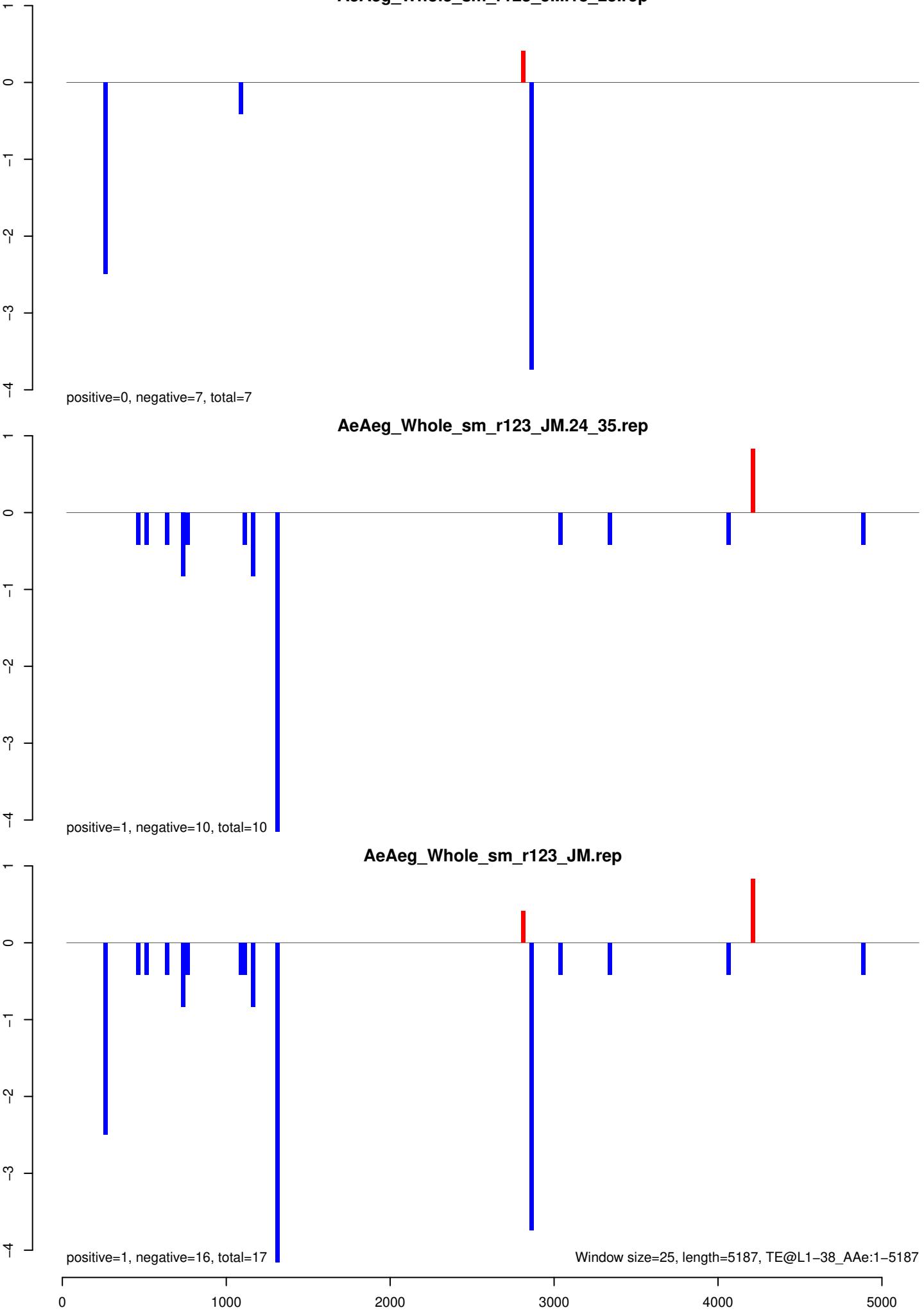
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=10, total=10

AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=16, total=17

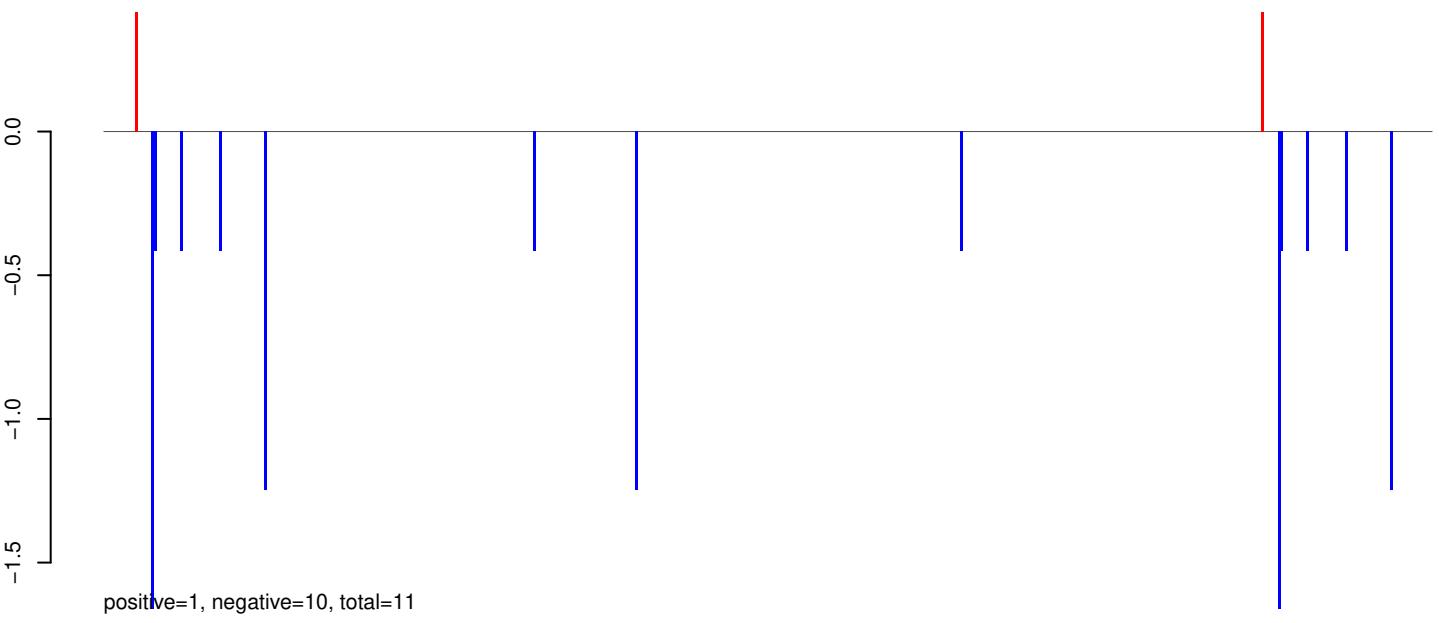
Window size=25, length=5187, TE@L1-38\_AAe:1-5187



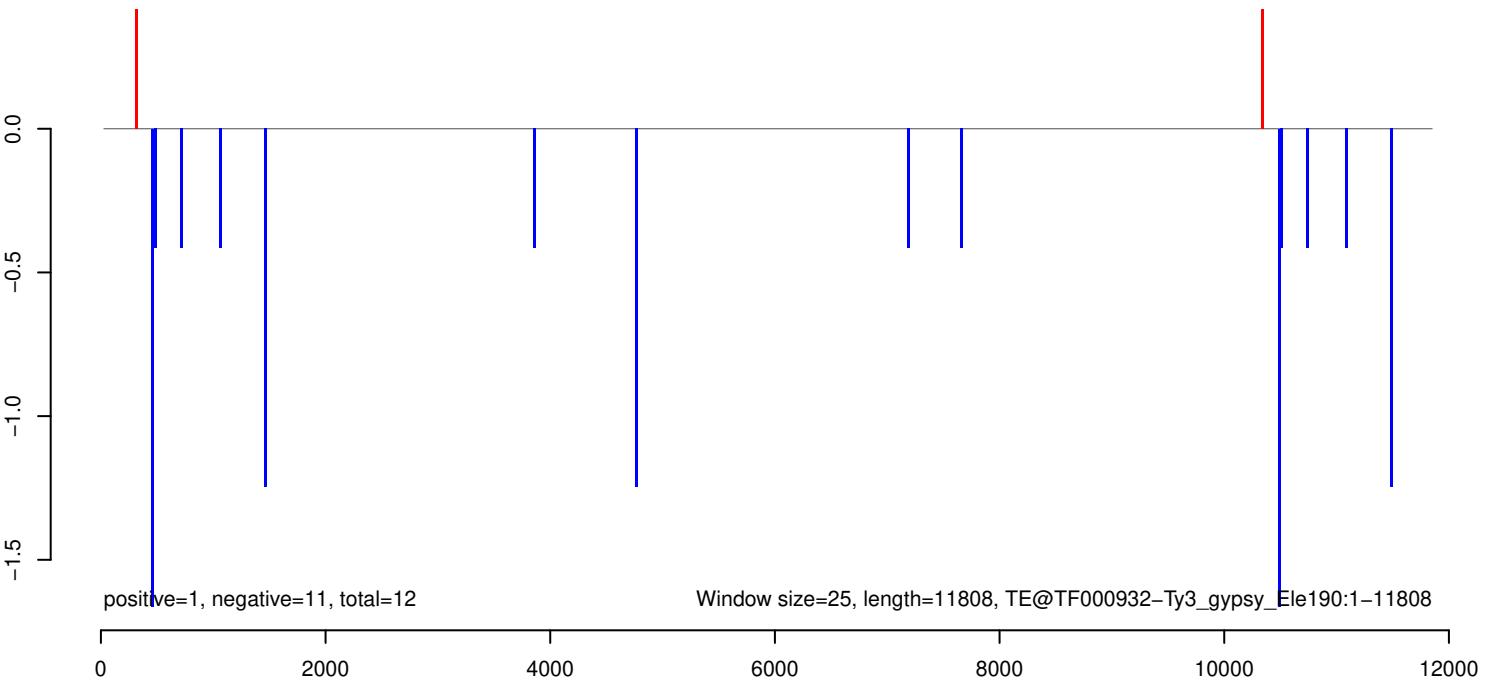
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



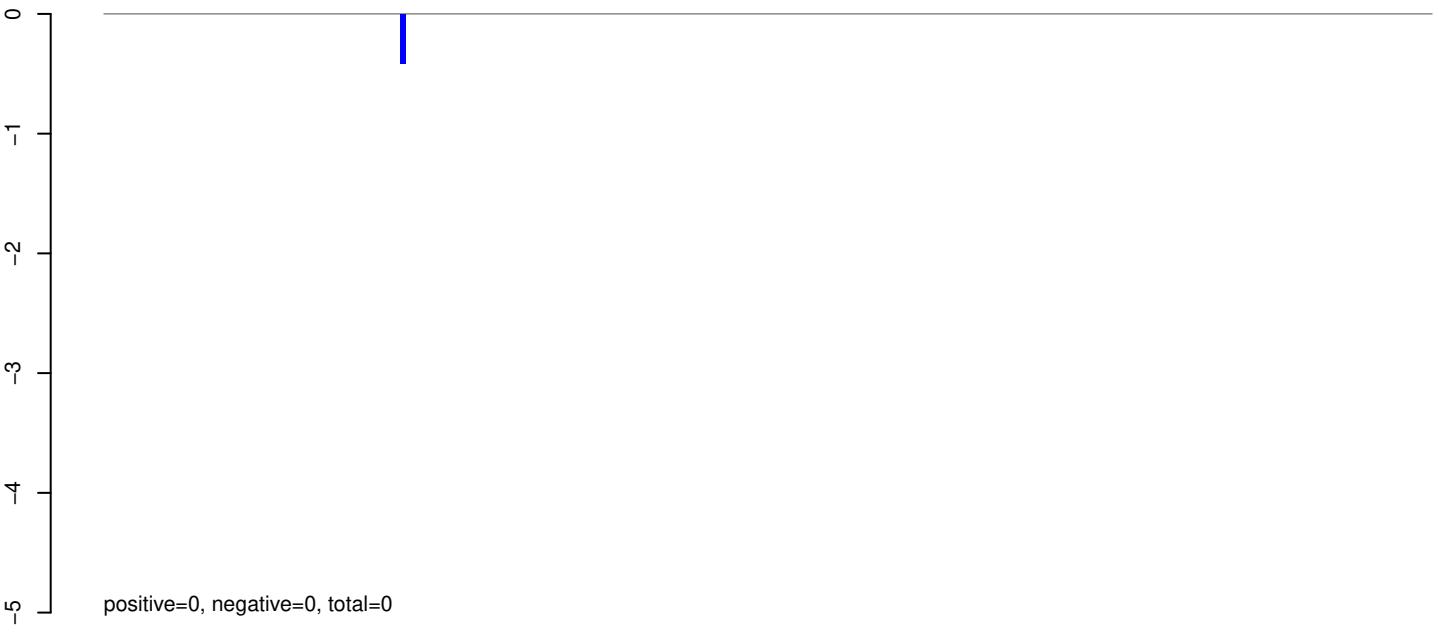
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



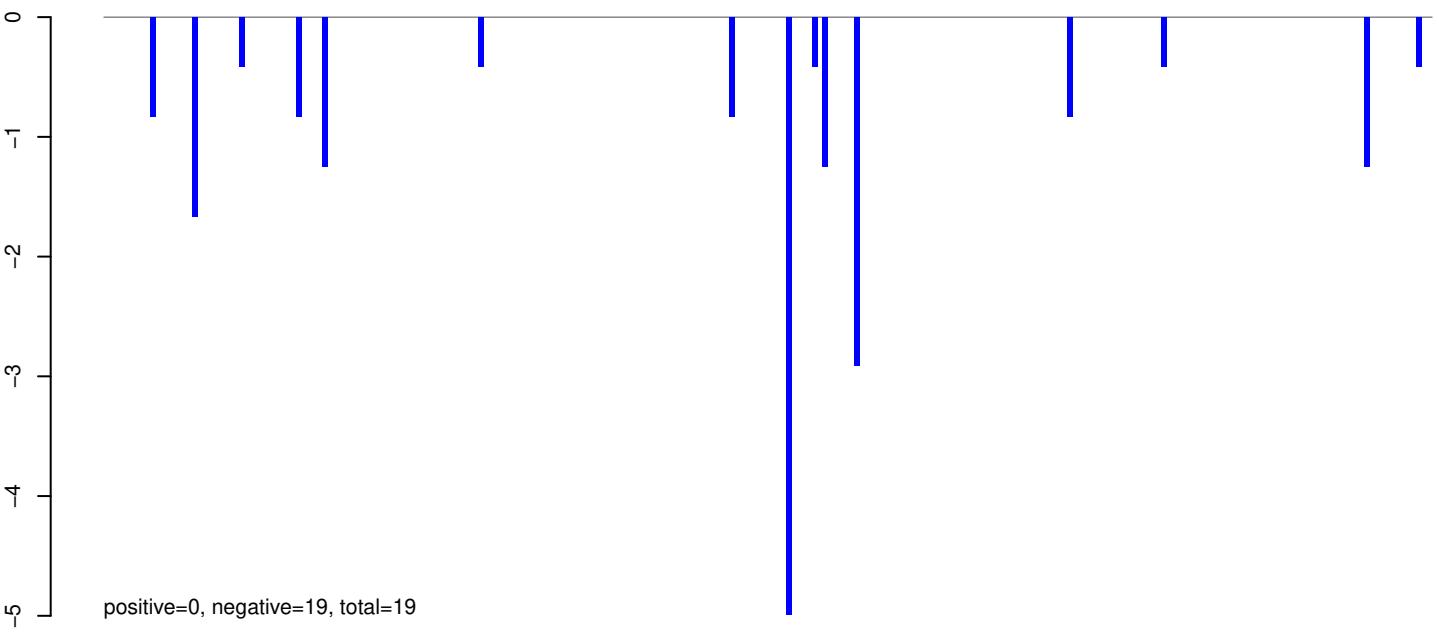
**AeAeg\_Whole\_sm\_r123\_JM.rep**



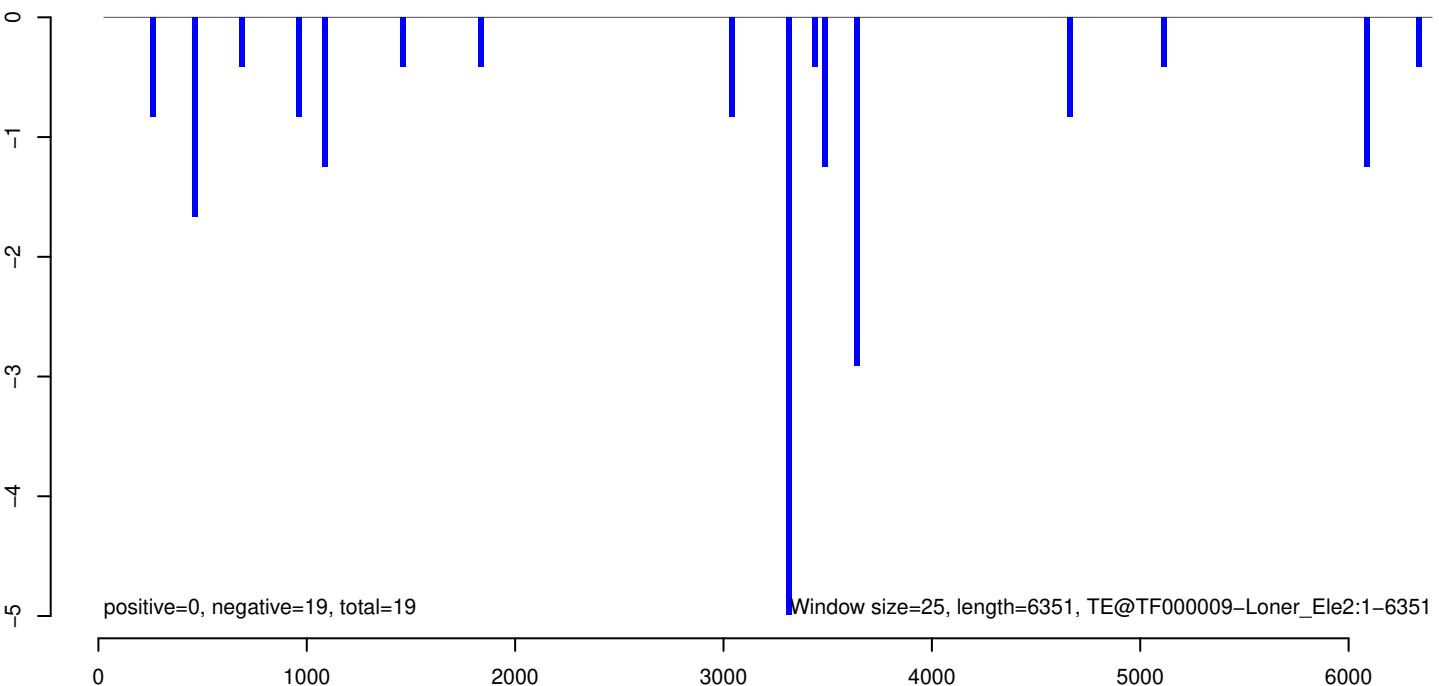
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2

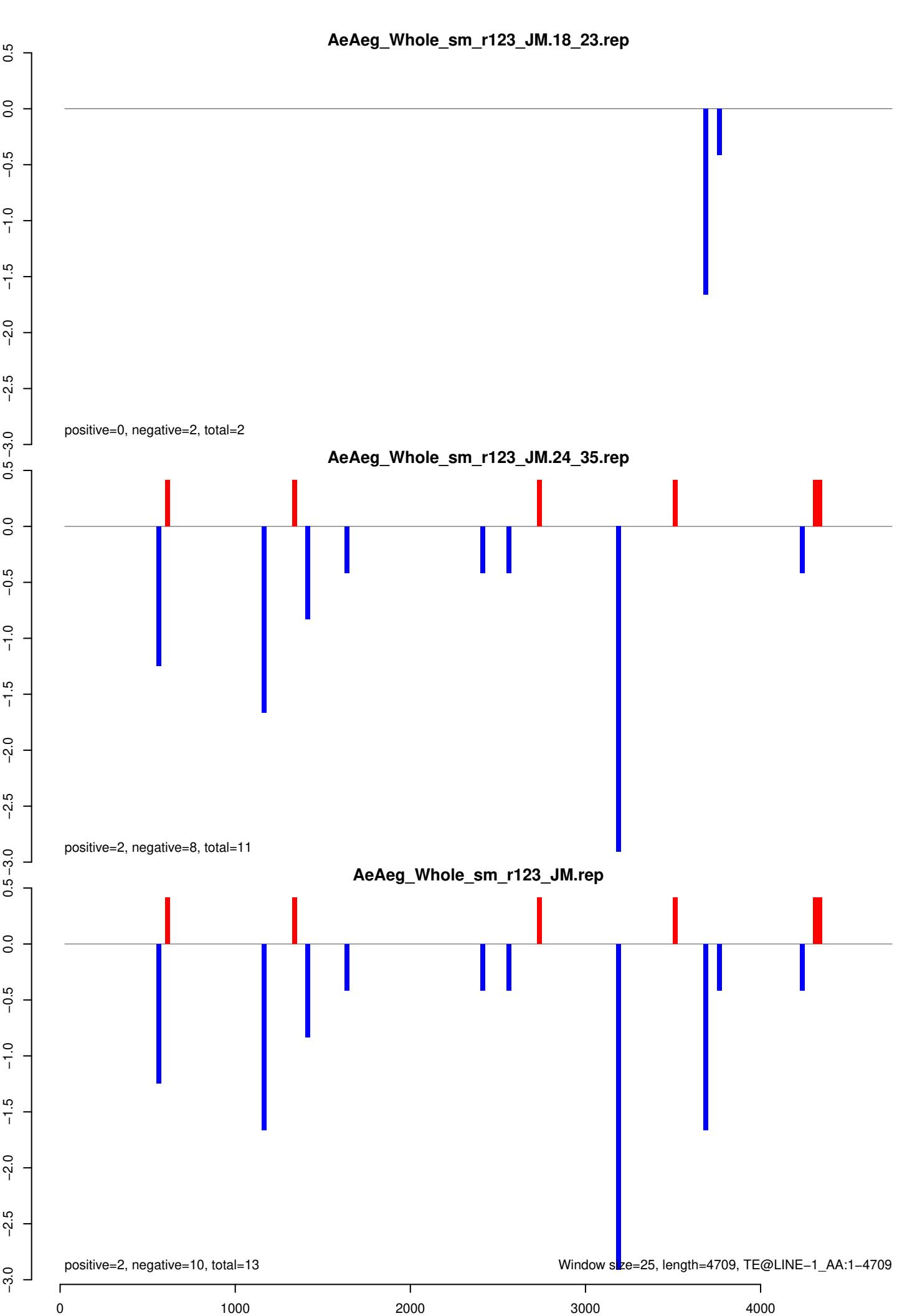
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=2, negative=8, total=11

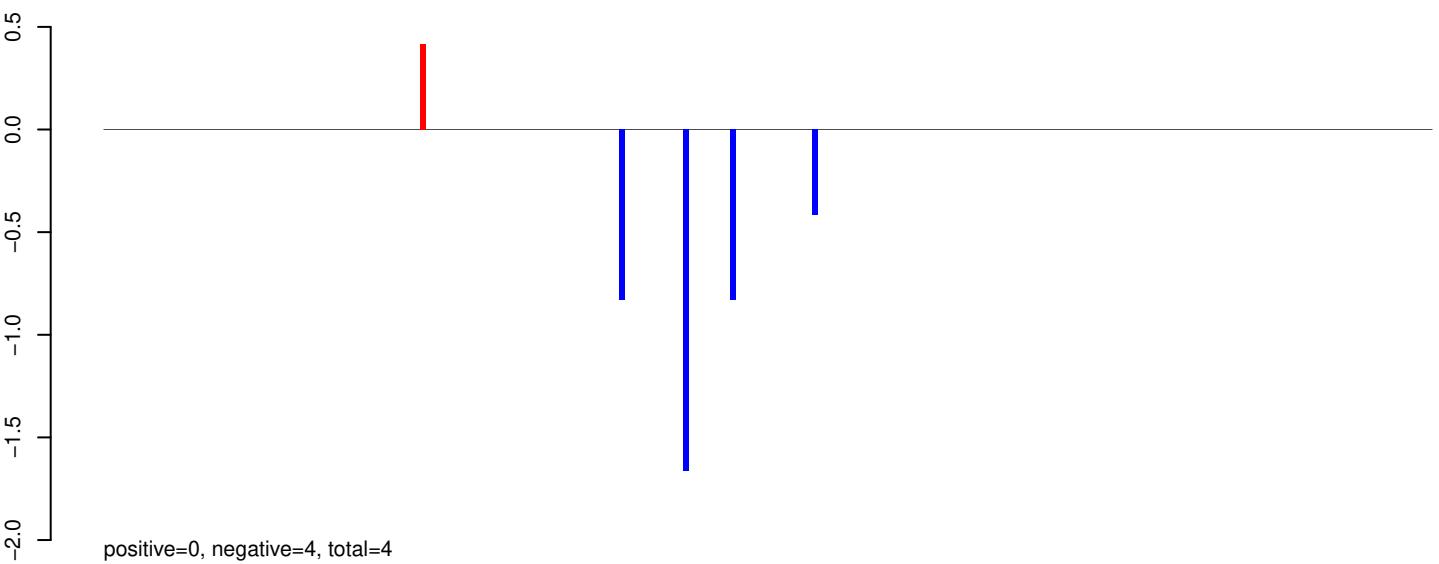
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=2, negative=10, total=13

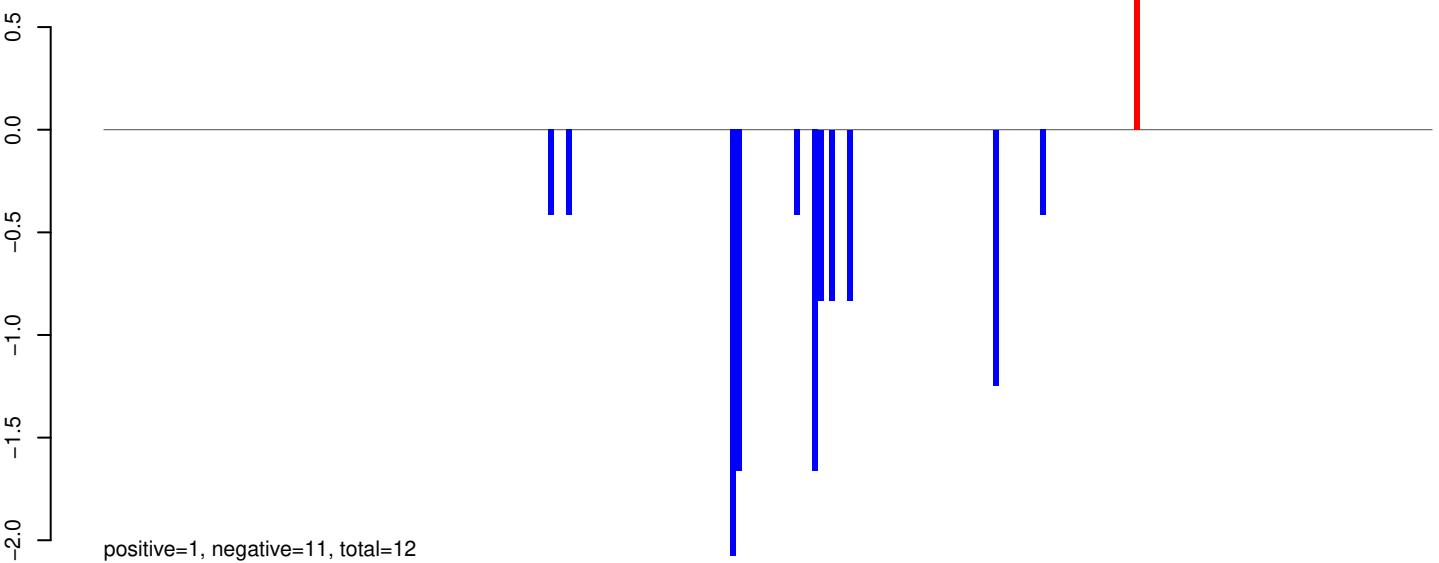
Window size=25, length=4709, TE@LINE-1\_AA:1-4709



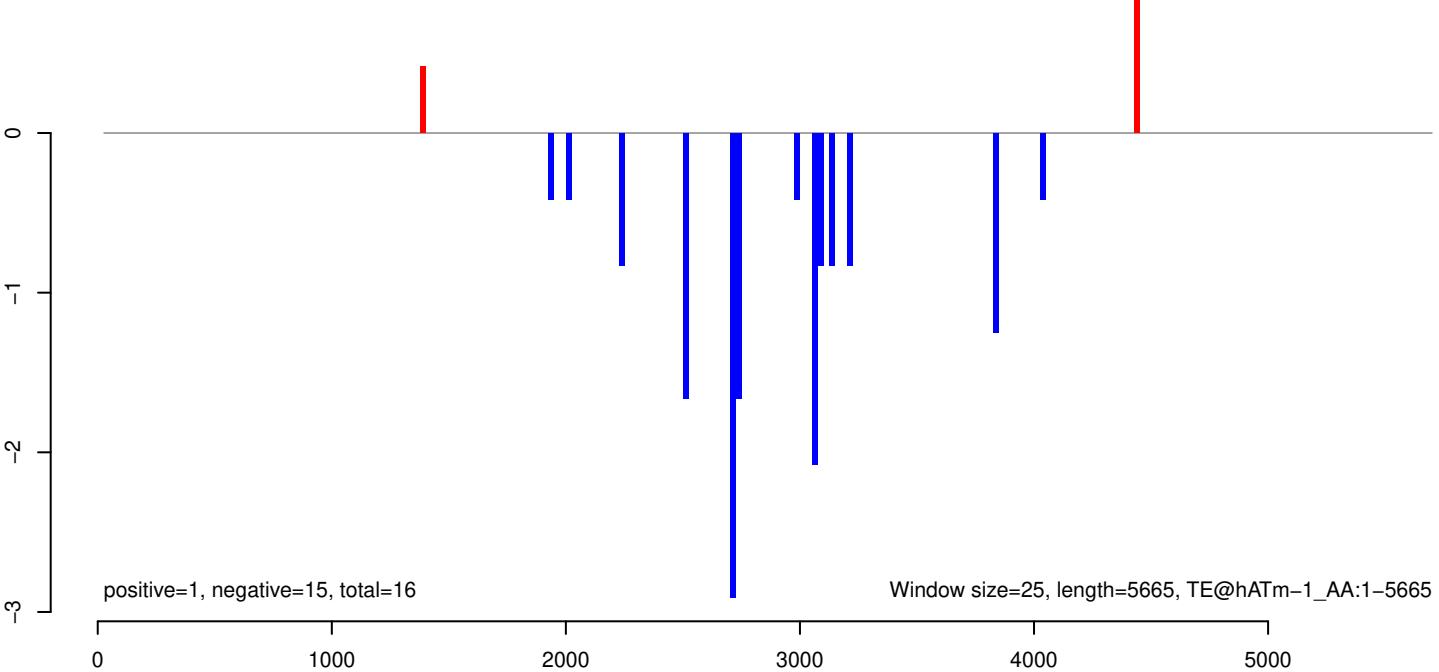
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



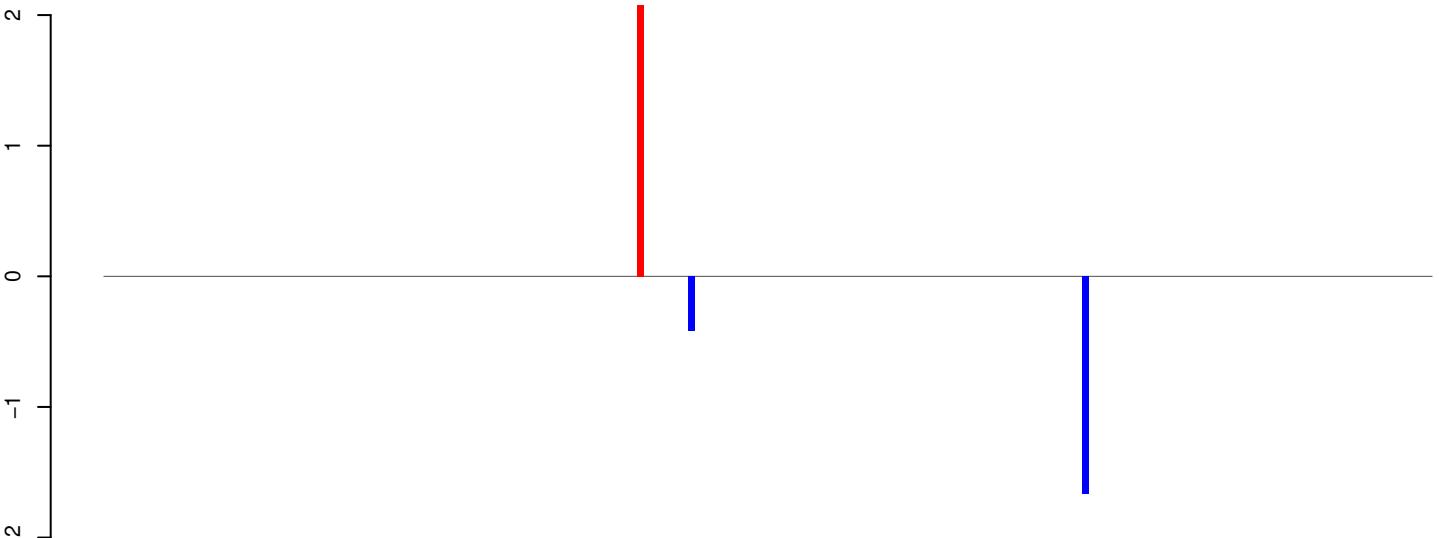
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



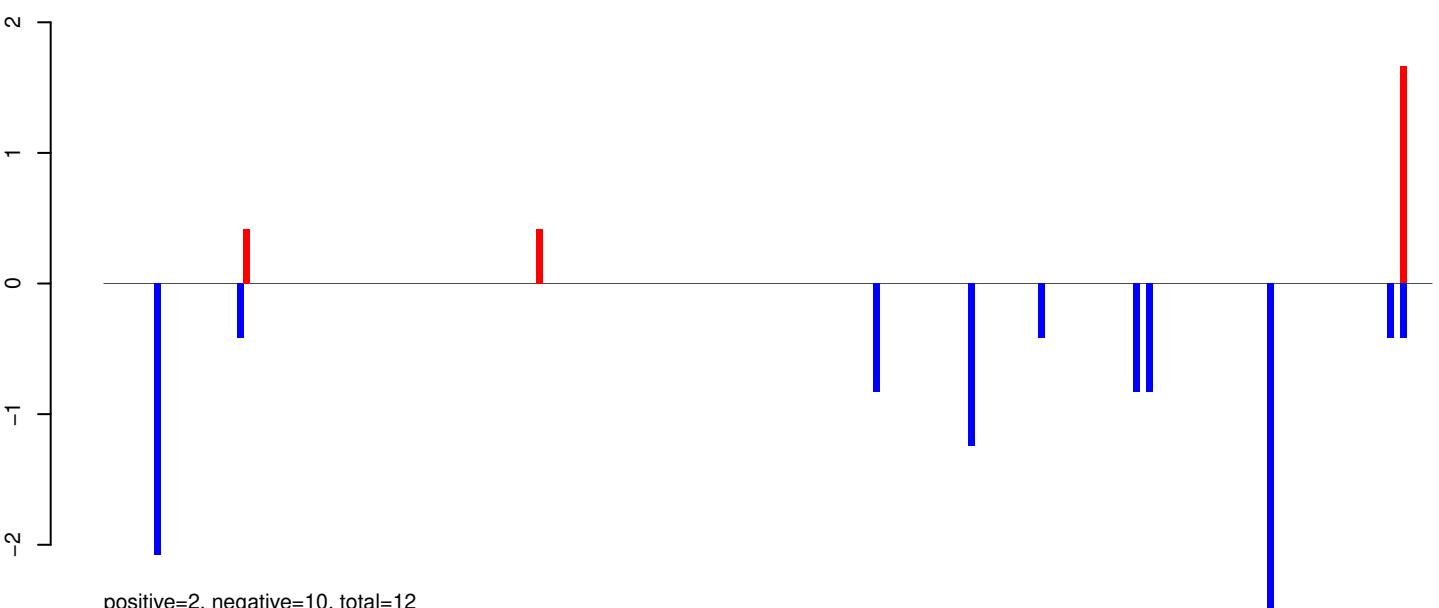
**AeAeg\_Whole\_sm\_r123\_JM.rep**



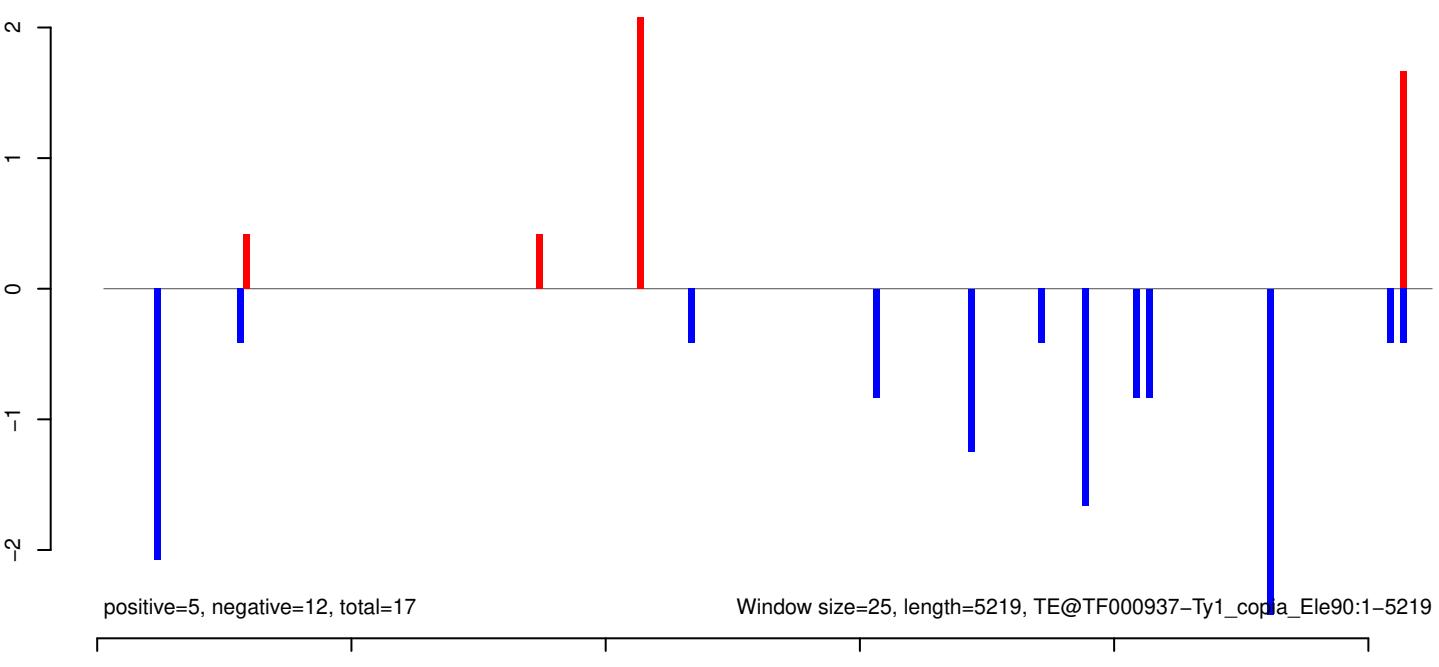
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



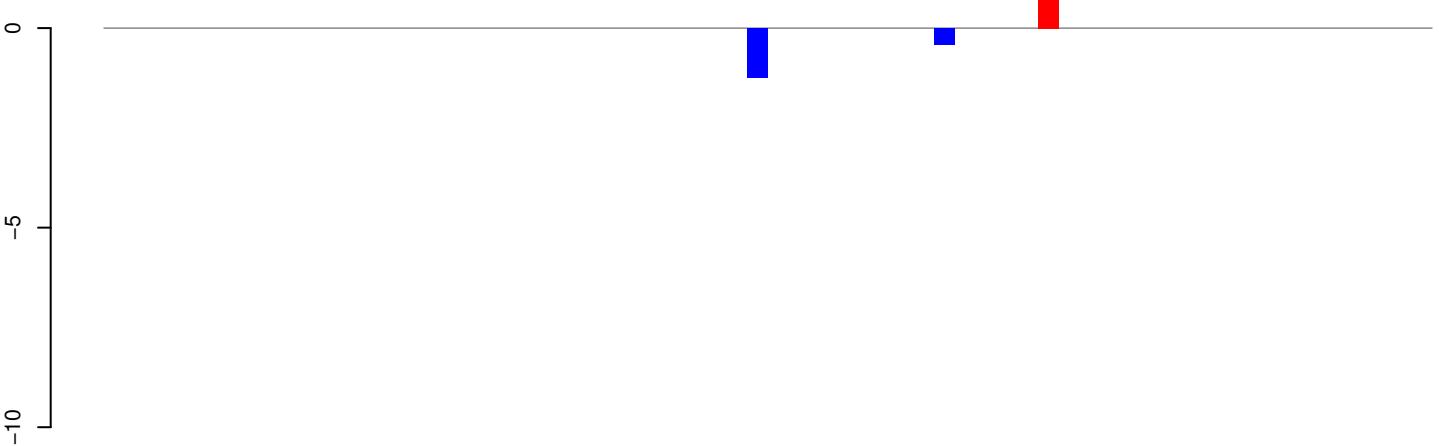
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



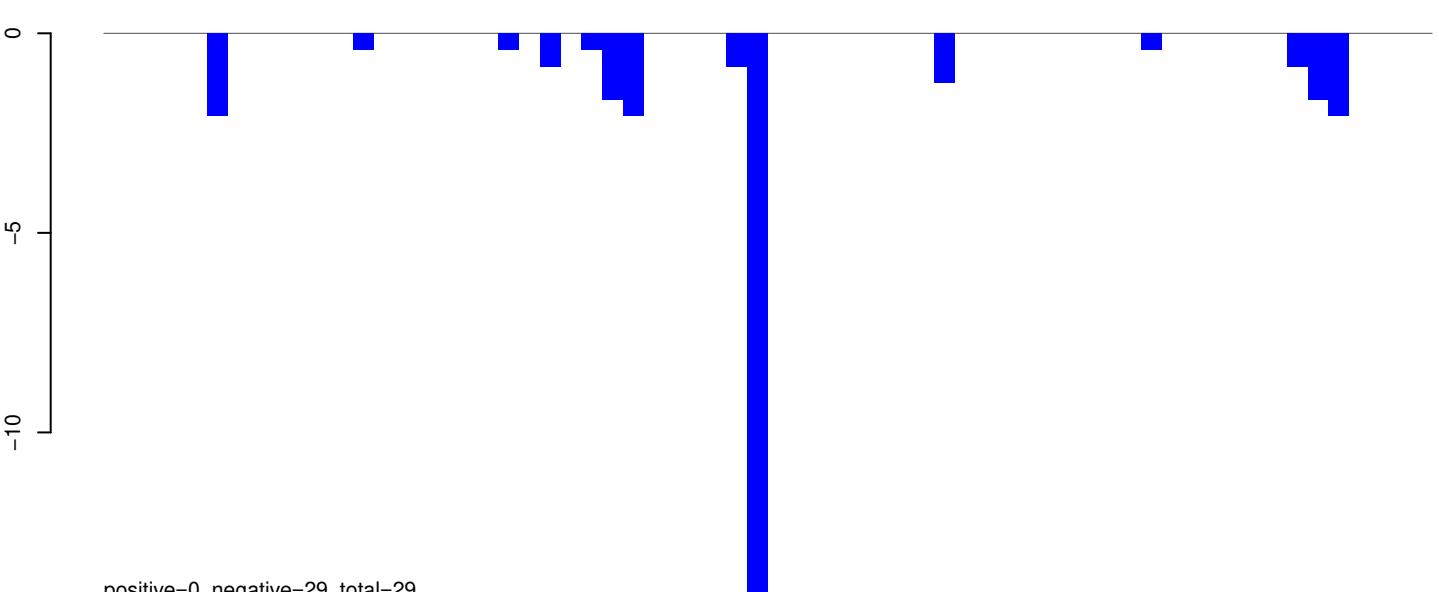
### AeAeg\_Whole\_sm\_r123\_JM.rep



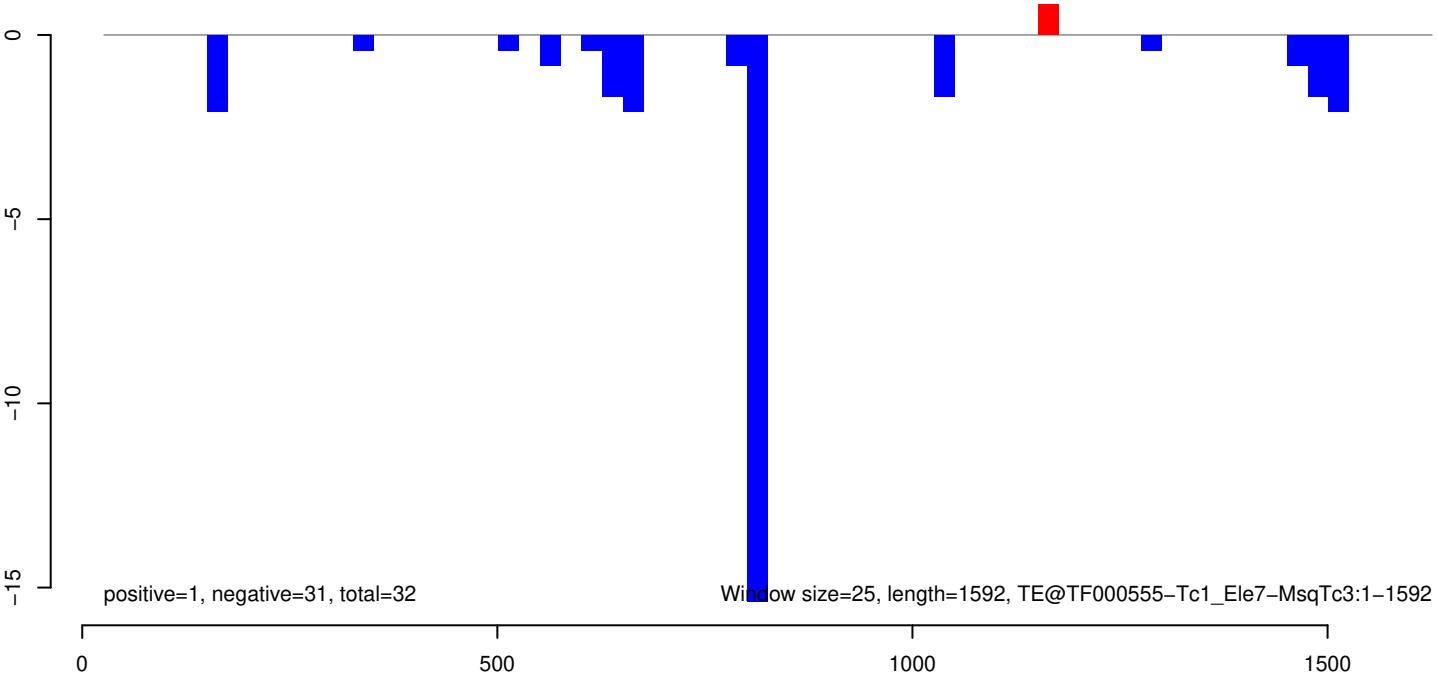
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2

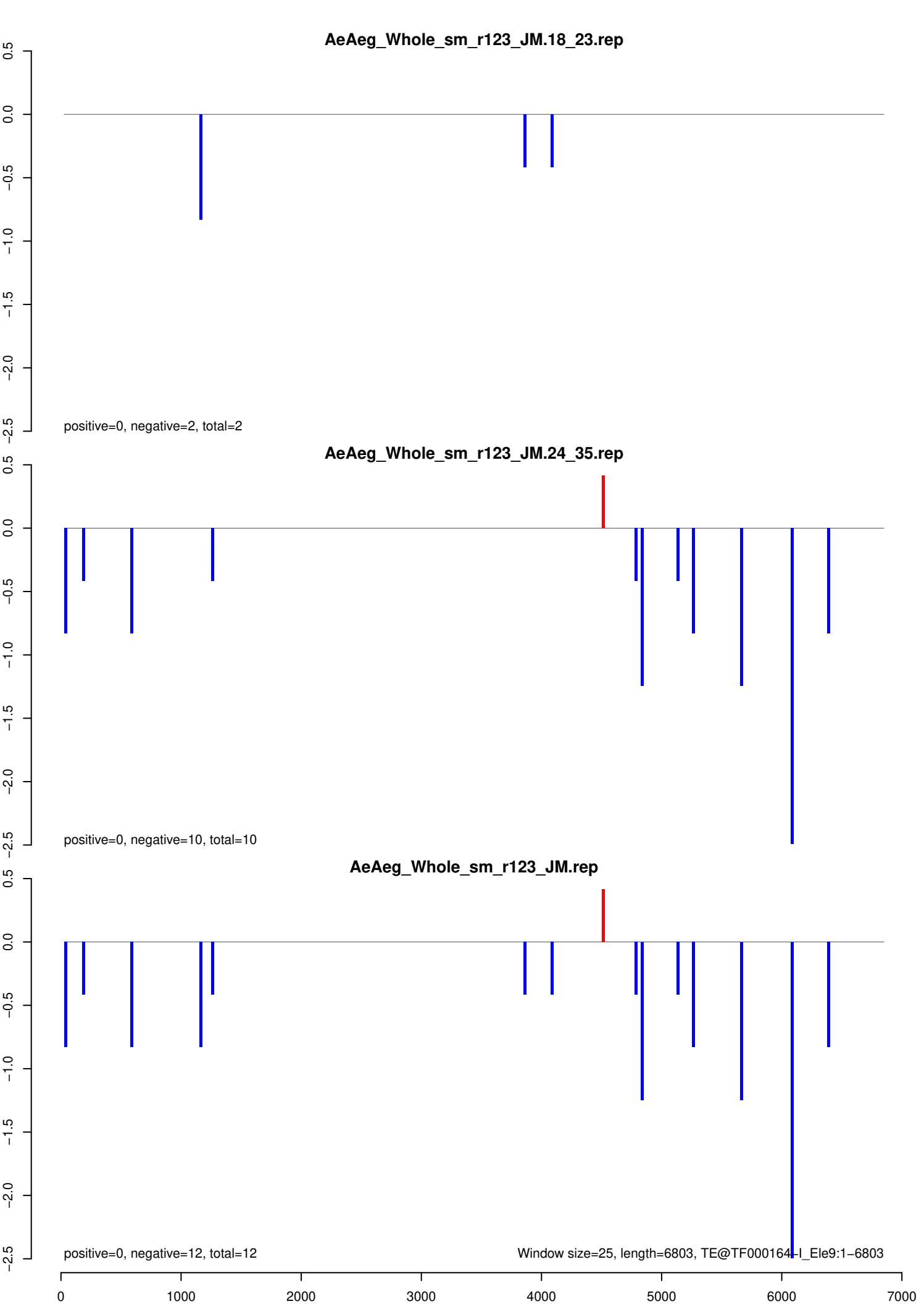
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=10, total=10

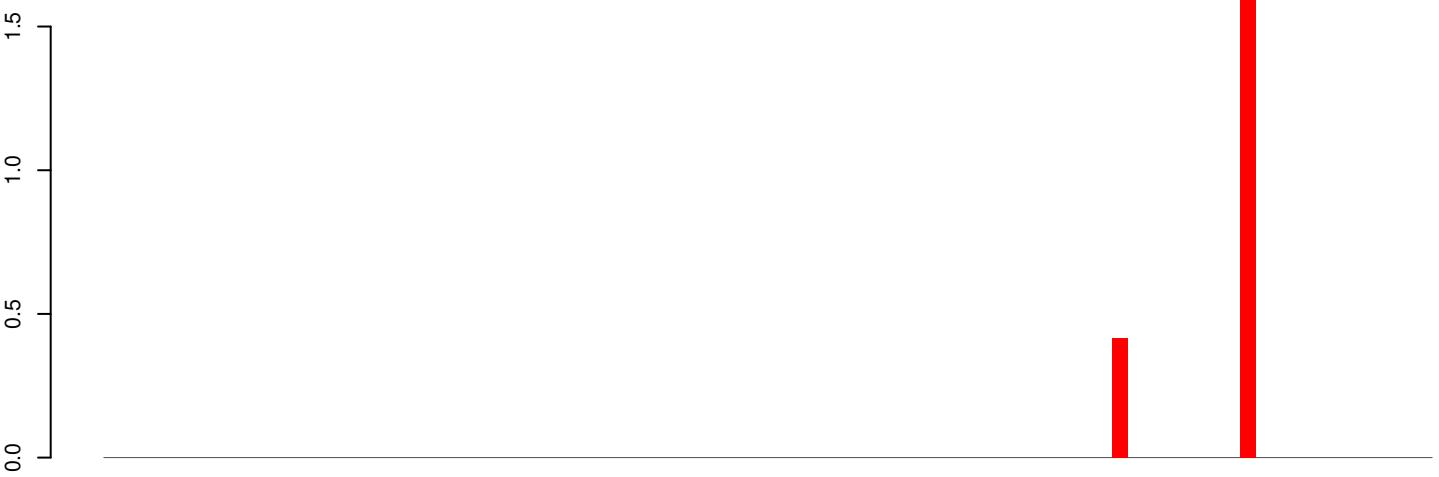
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=12, total=12

Window size=25, length=6803, TE@TF000164-L\_Ele9:1-6803

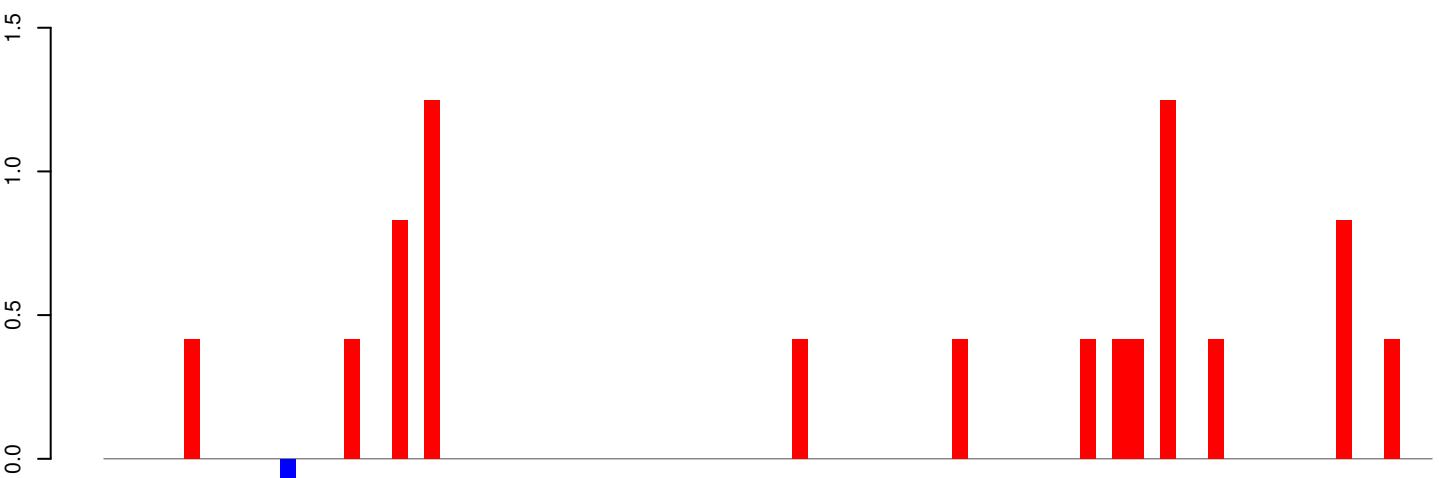


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



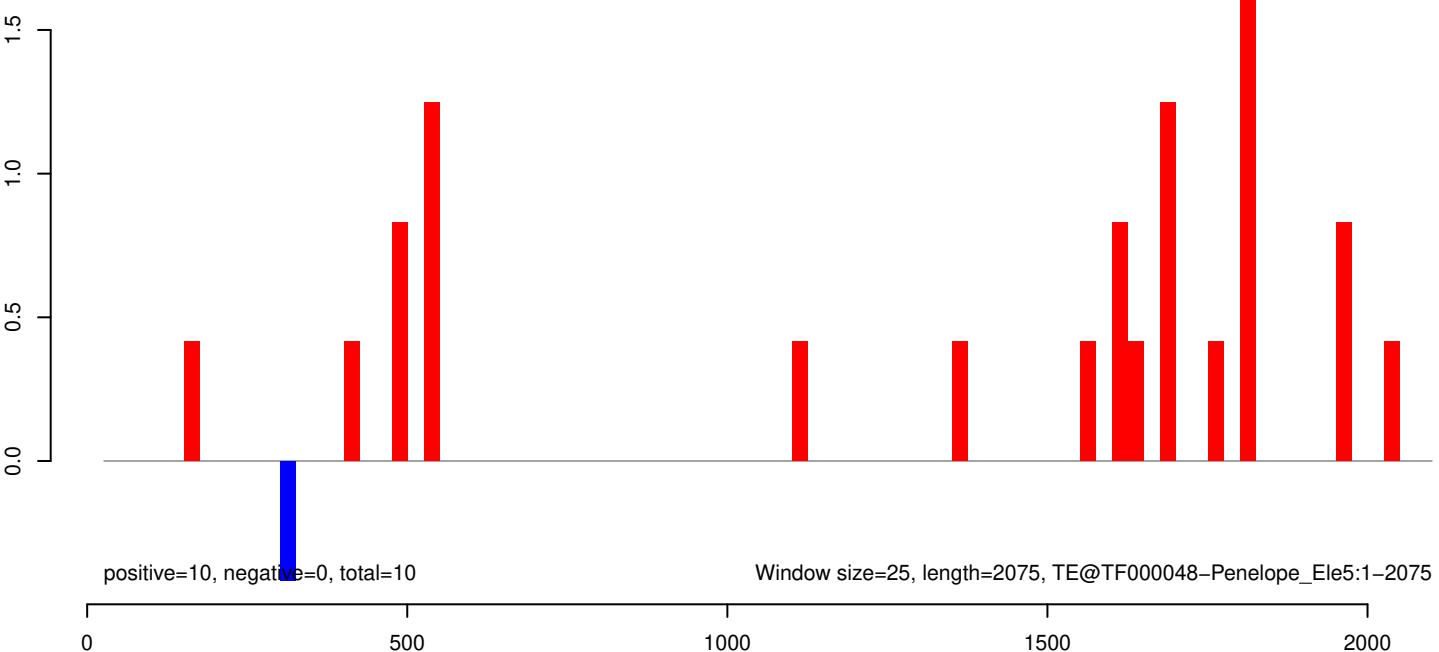
positive=2, negative=0, total=2

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=8, negative=0, total=8

### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=10, negative=0, total=10

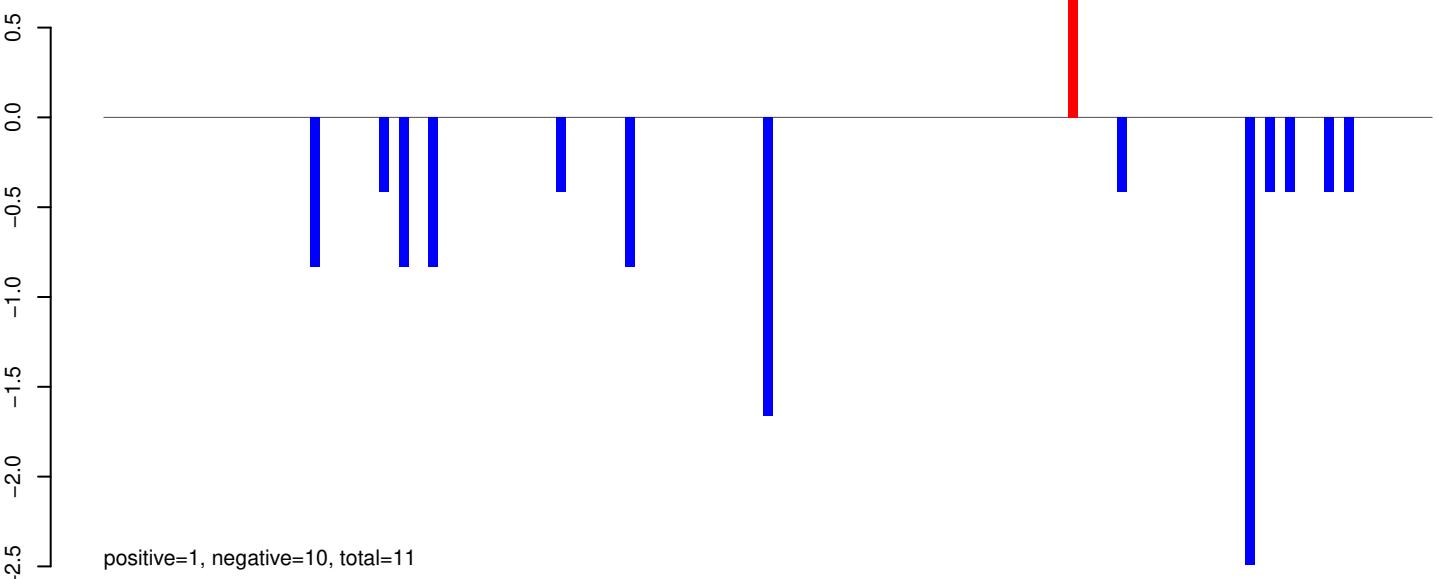
Window size=25, length=2075, TE@TF000048-Penelope\_Ele5:1-2075

0 500 1000 1500 2000

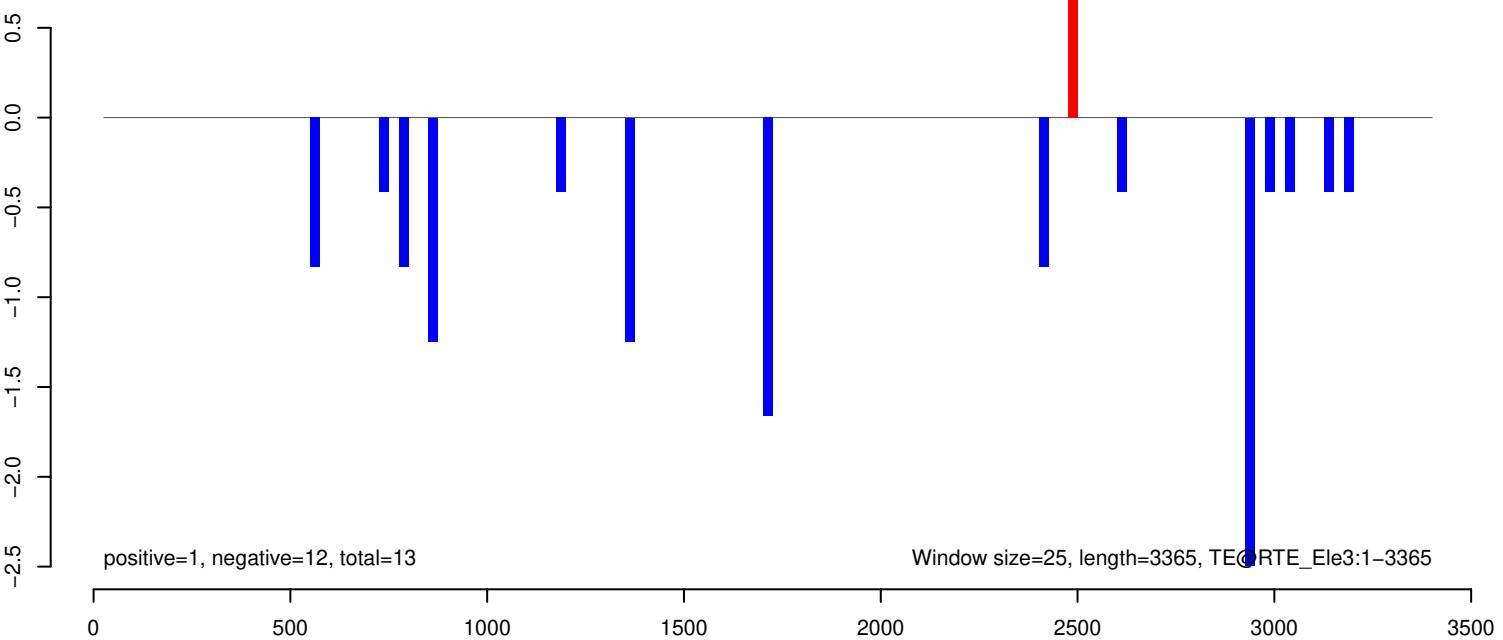
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



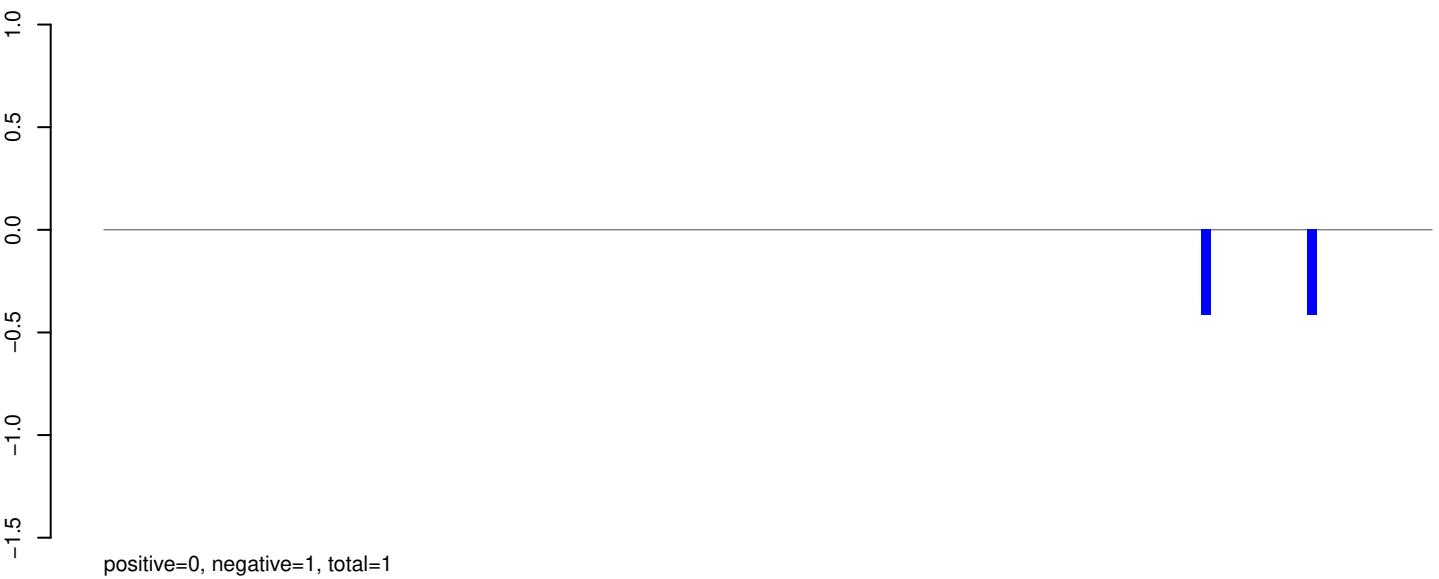
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



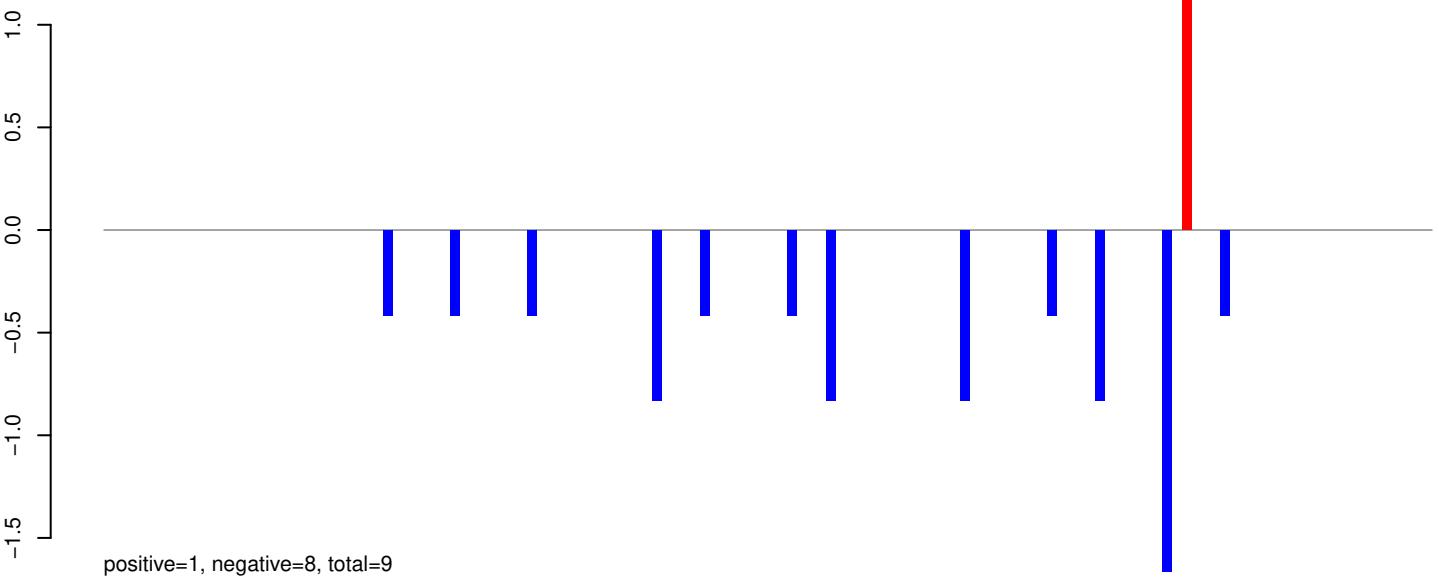
### AeAeg\_Whole\_sm\_r123\_JM.rep



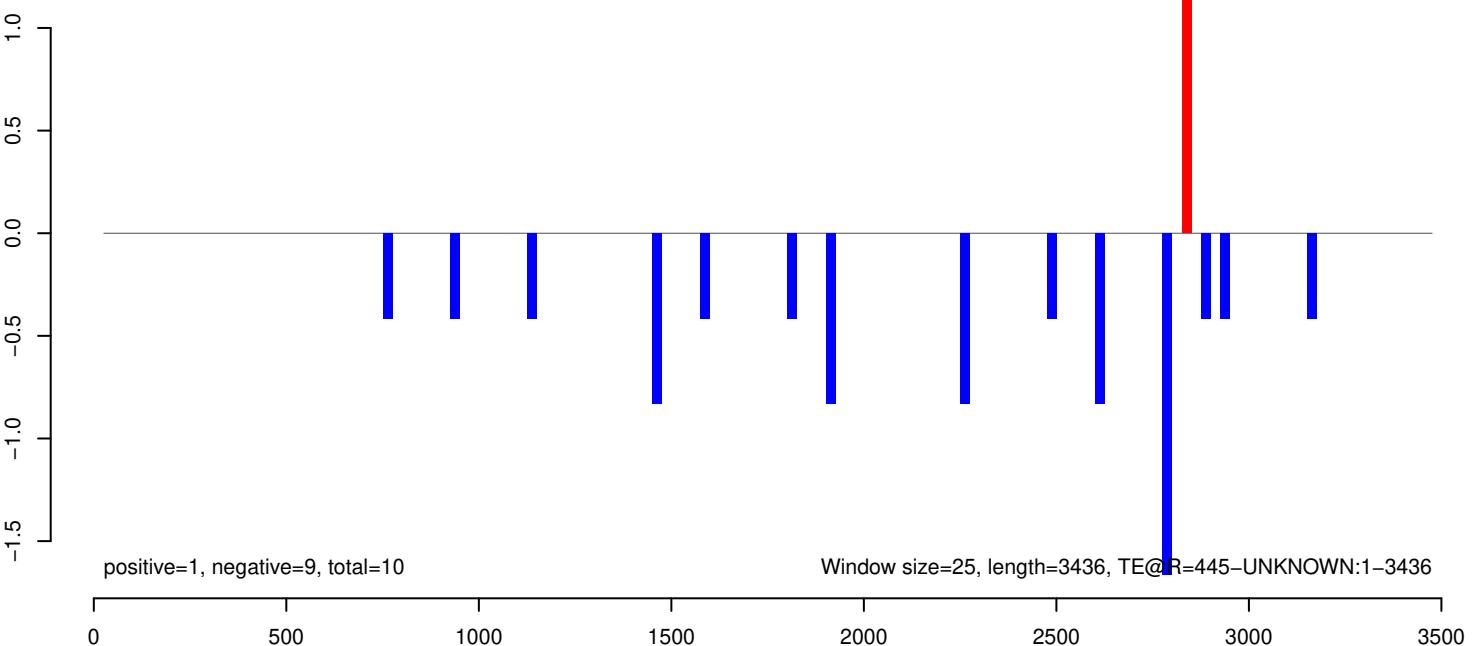
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



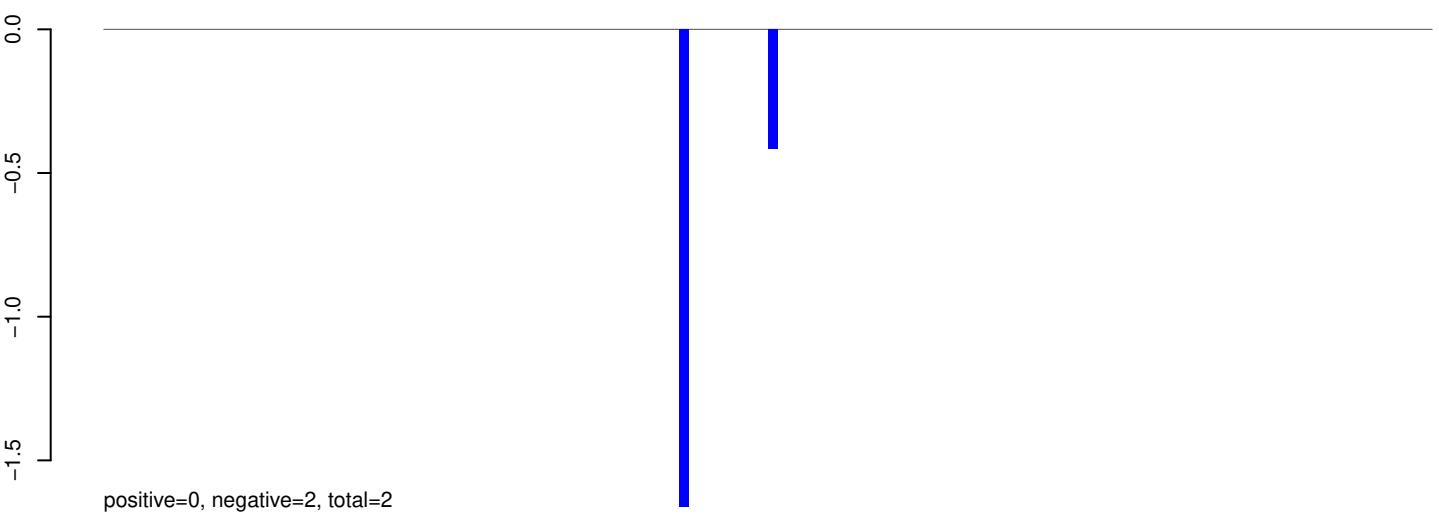
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



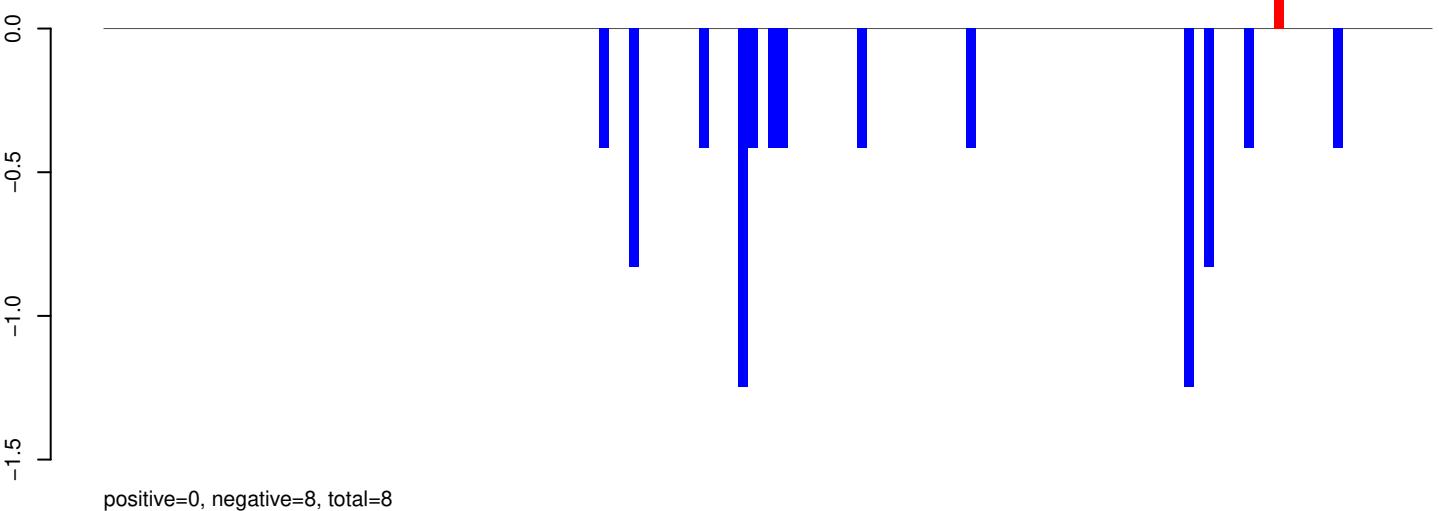
### AeAeg\_Whole\_sm\_r123\_JM.rep



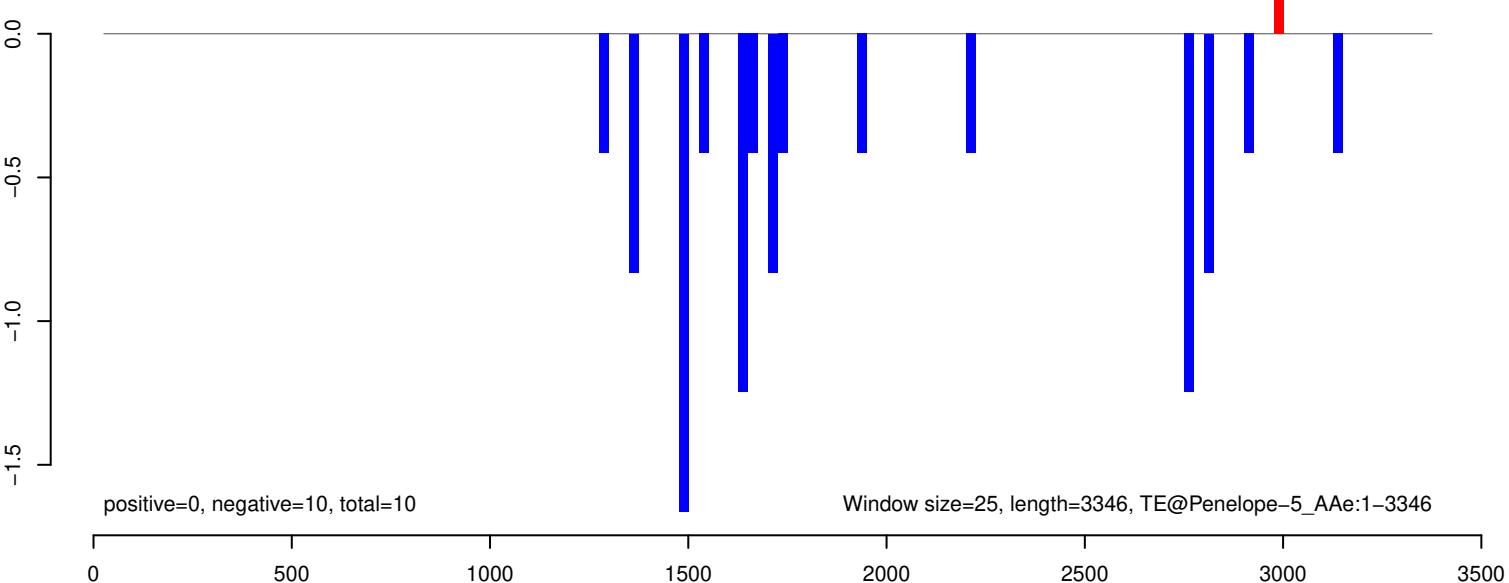
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

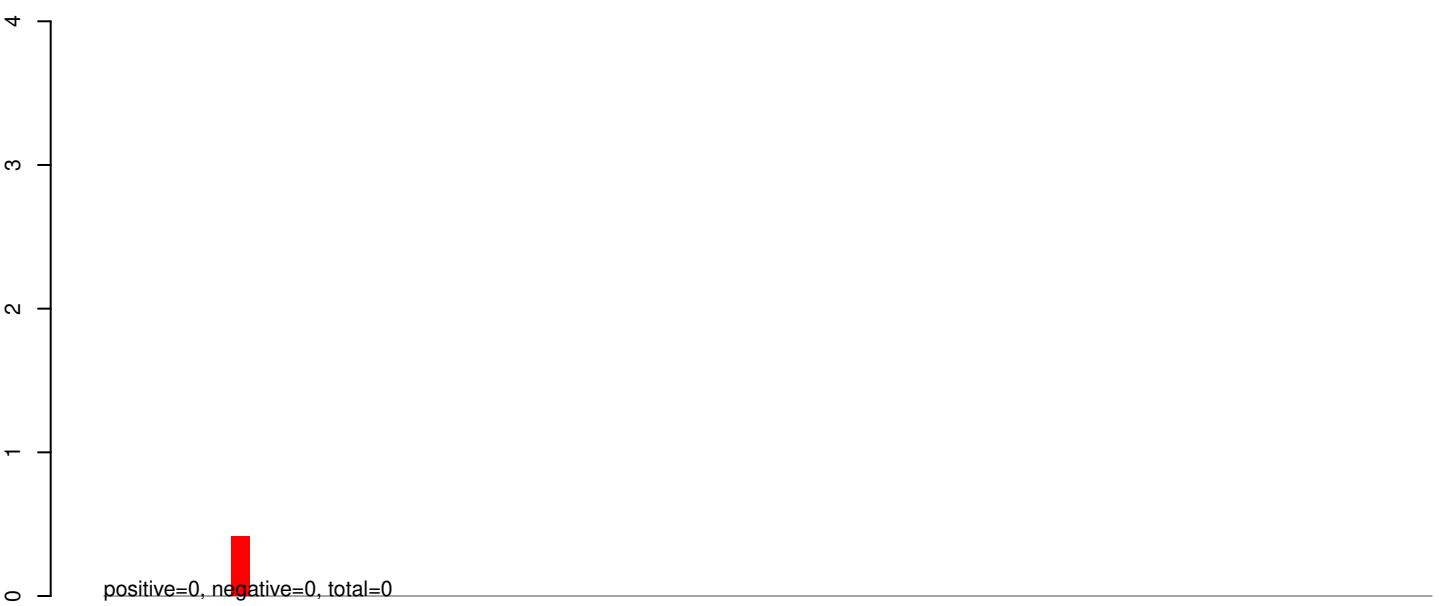


### AeAeg\_Whole\_sm\_r123\_JM.rep



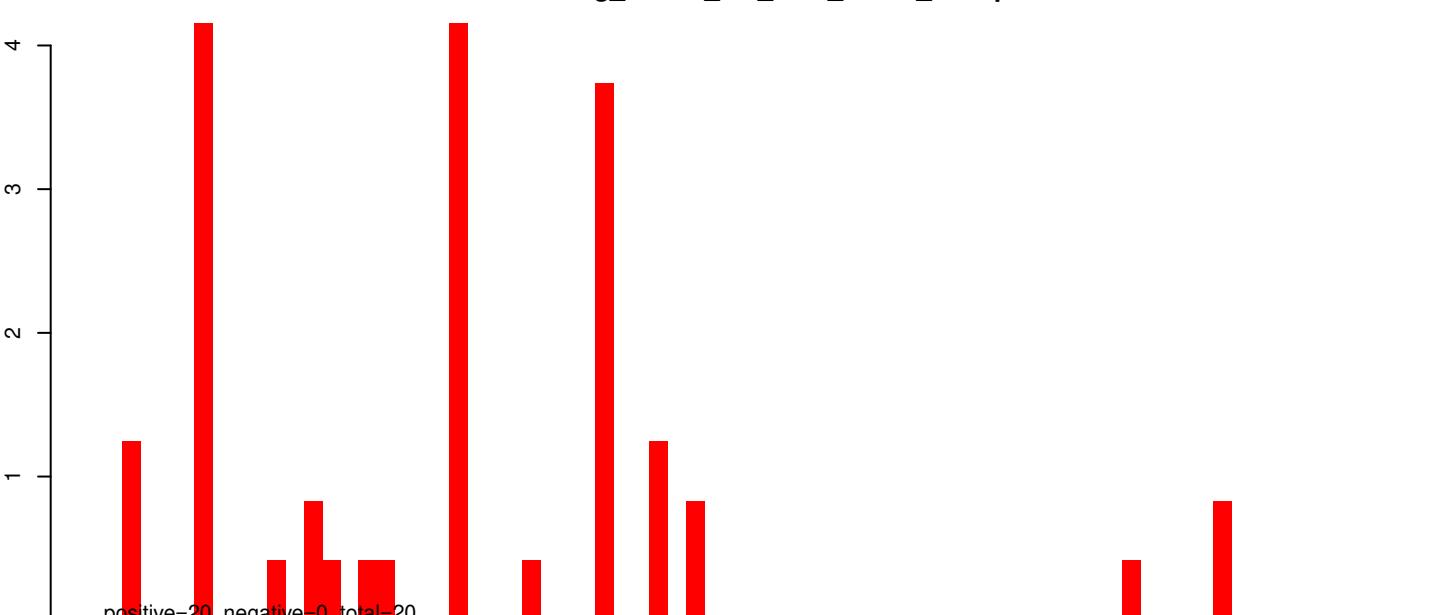
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

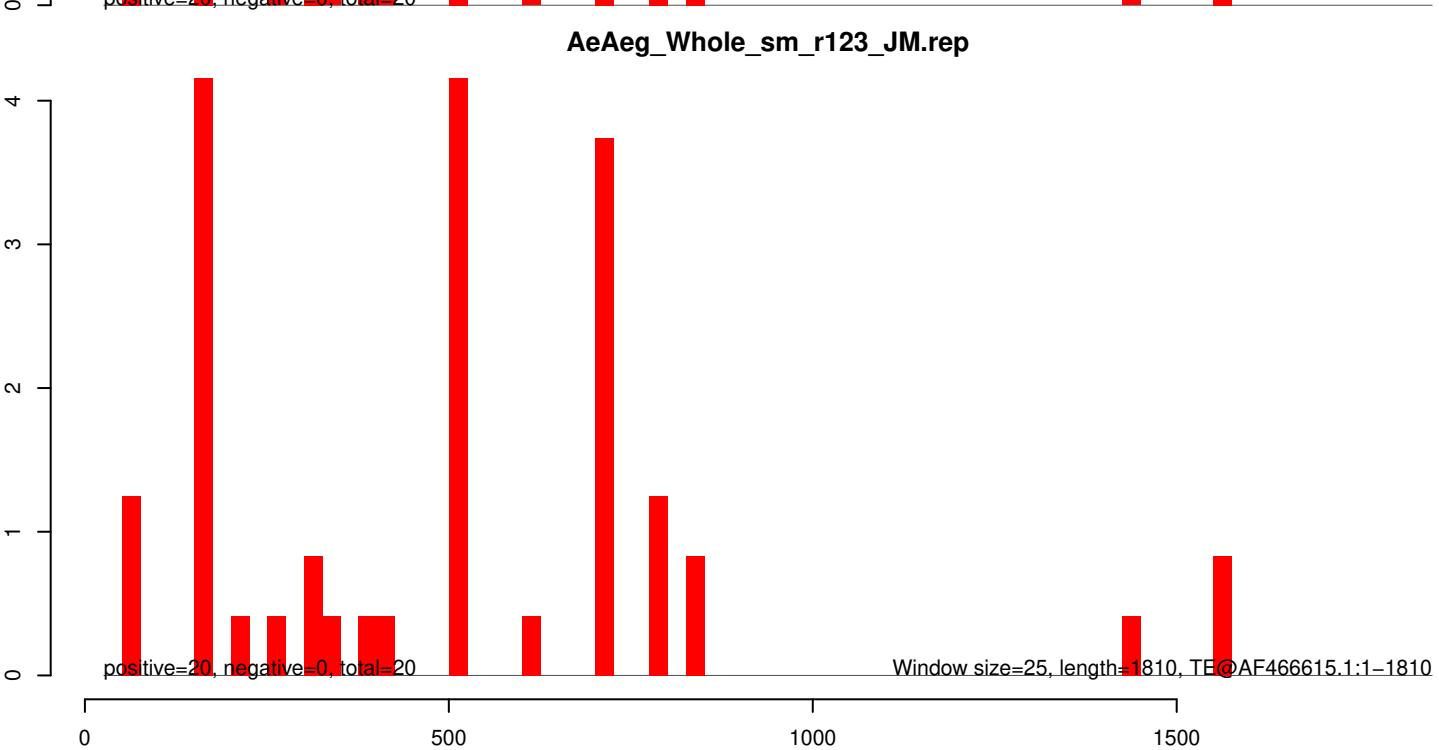
positive=20, negative=0, total=20



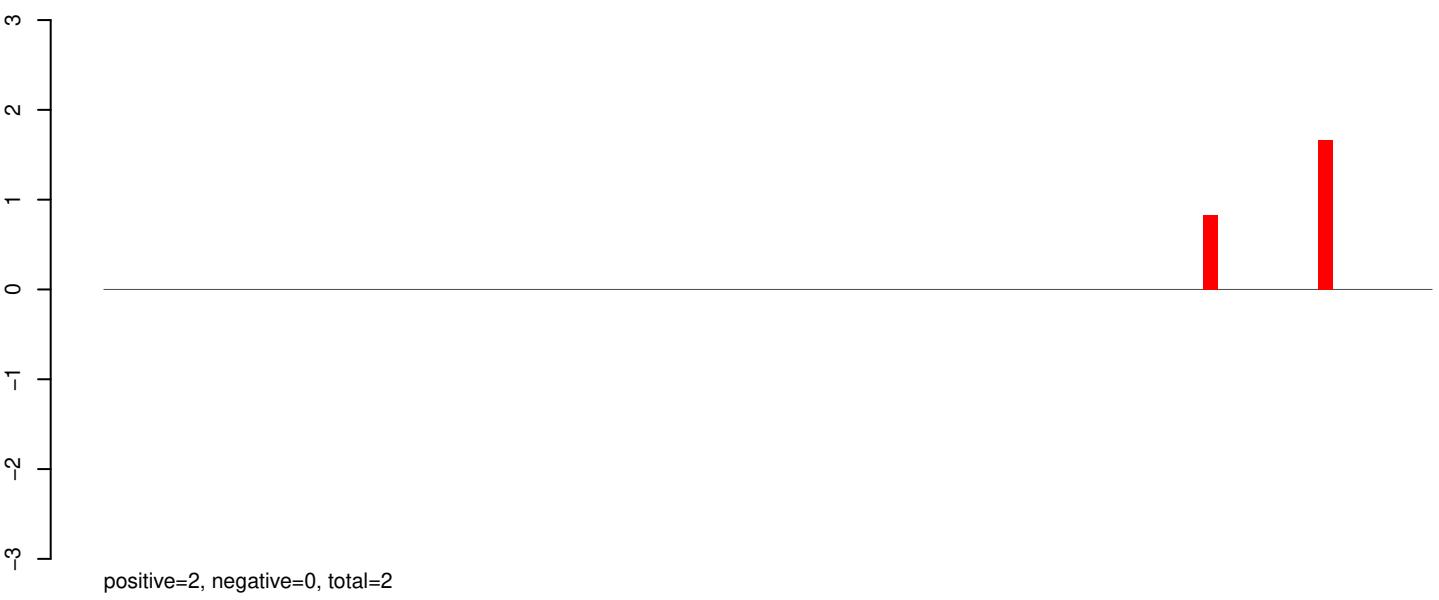
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=20, negative=0, total=20

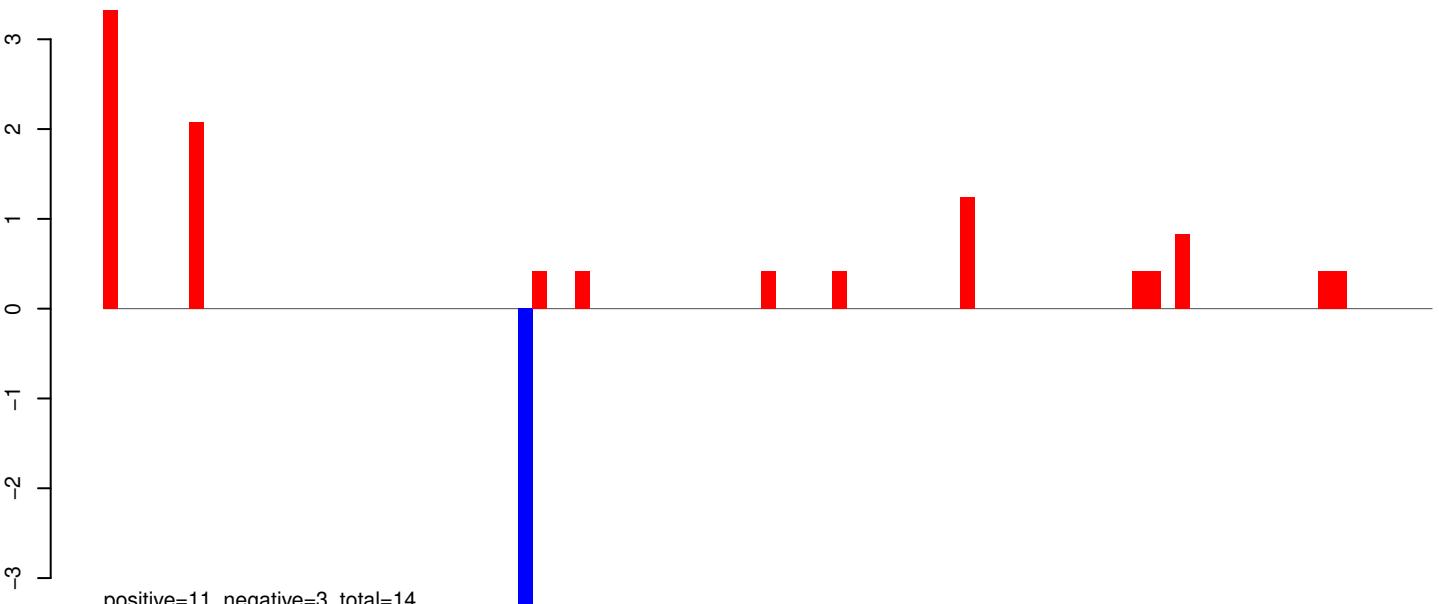
Window size=25, length=1810, TE@AF466615.1:1–1810



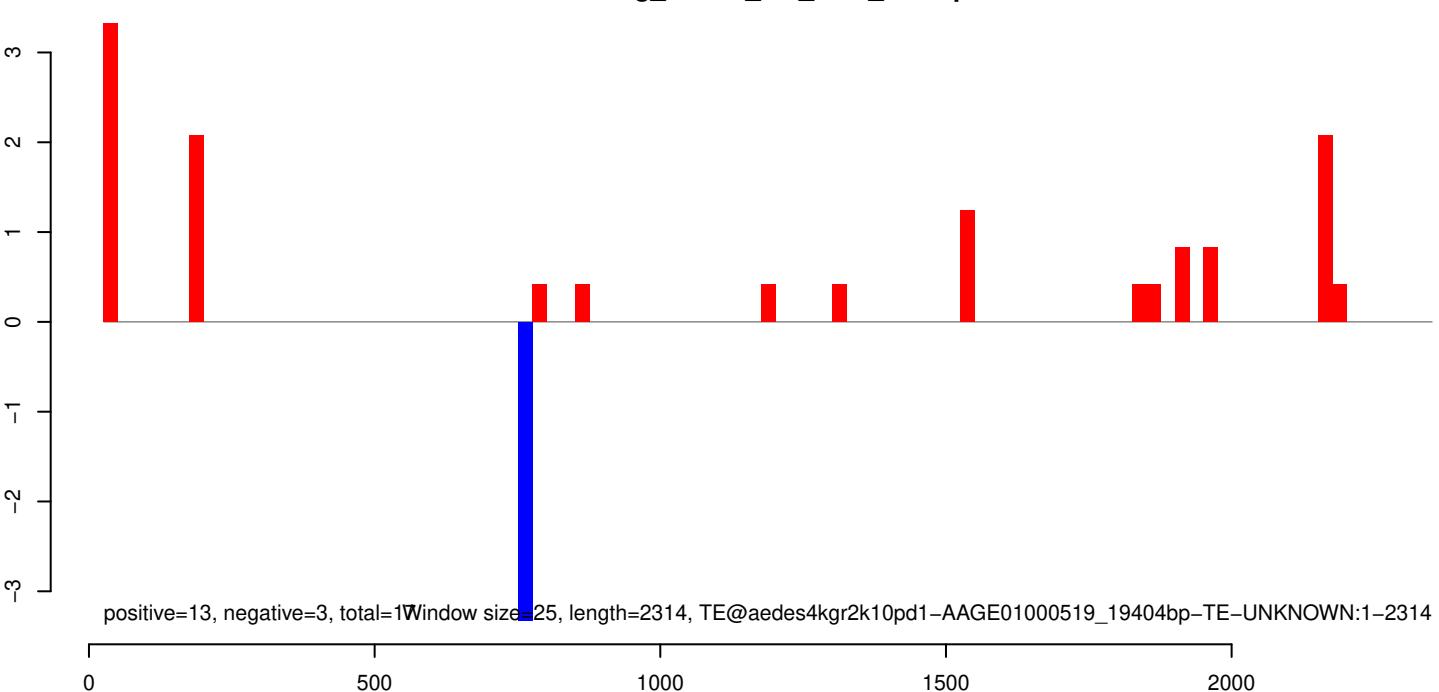
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



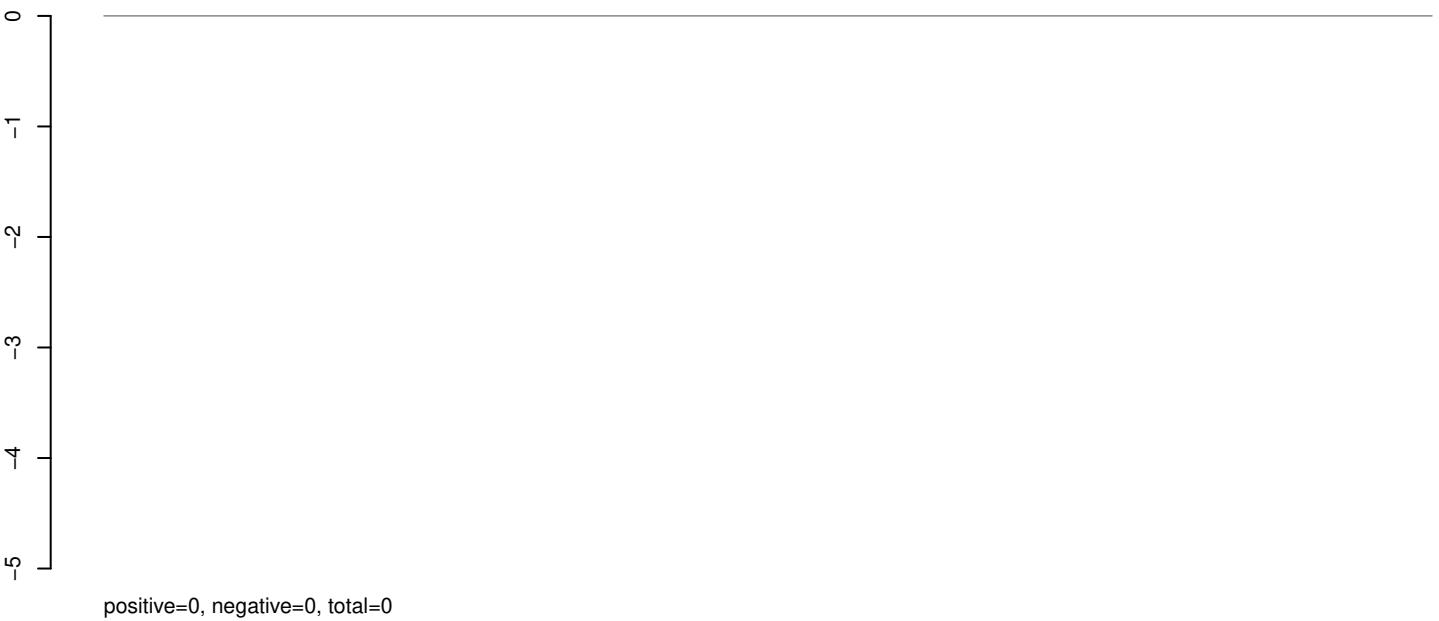
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



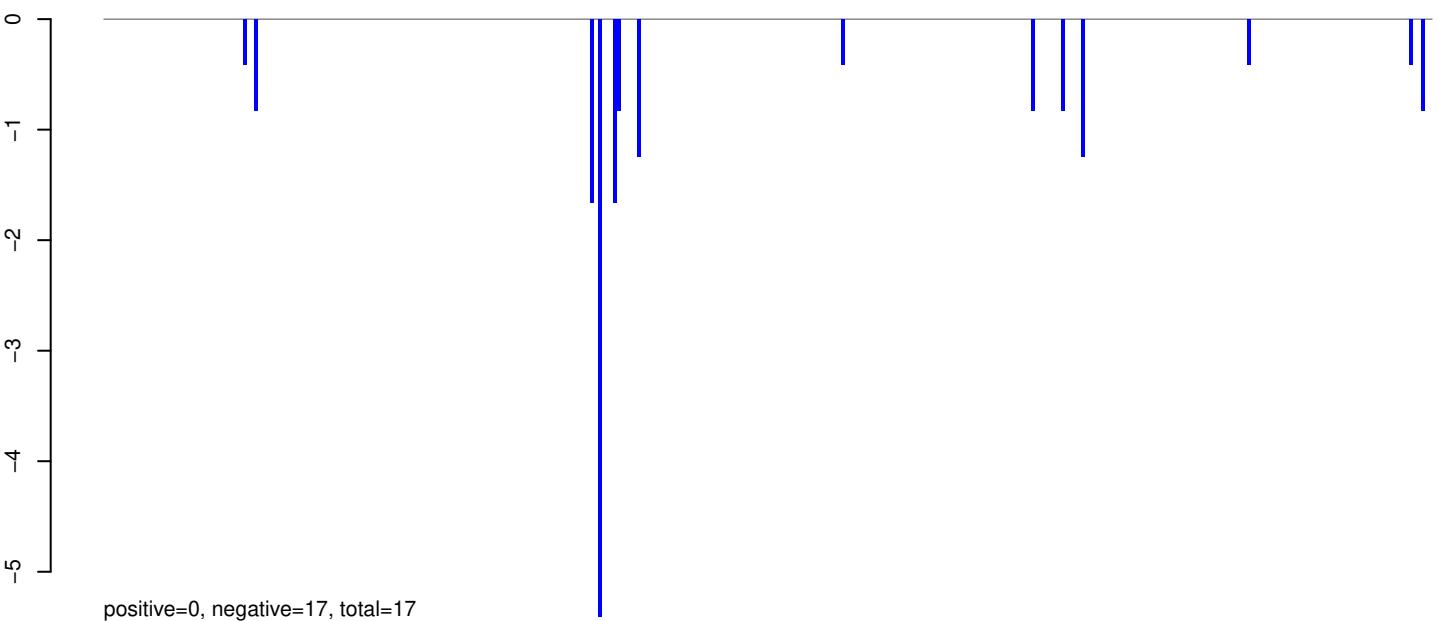
### AeAeg\_Whole\_sm\_r123\_JM.rep



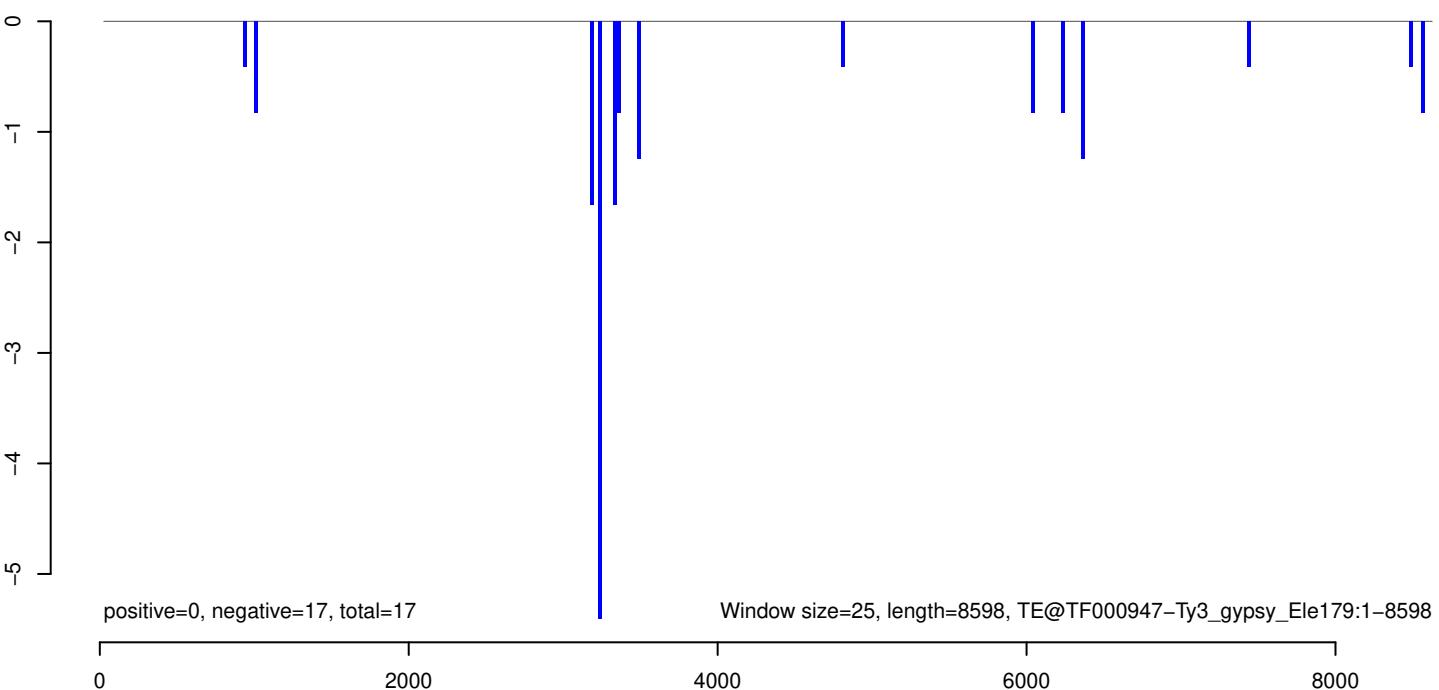
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



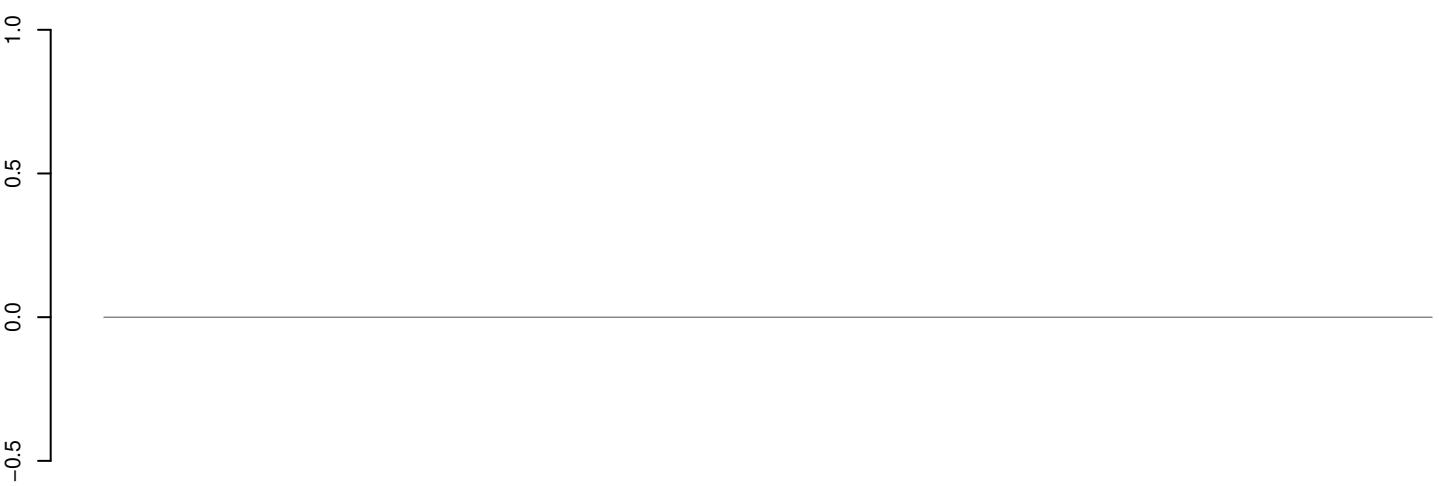
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

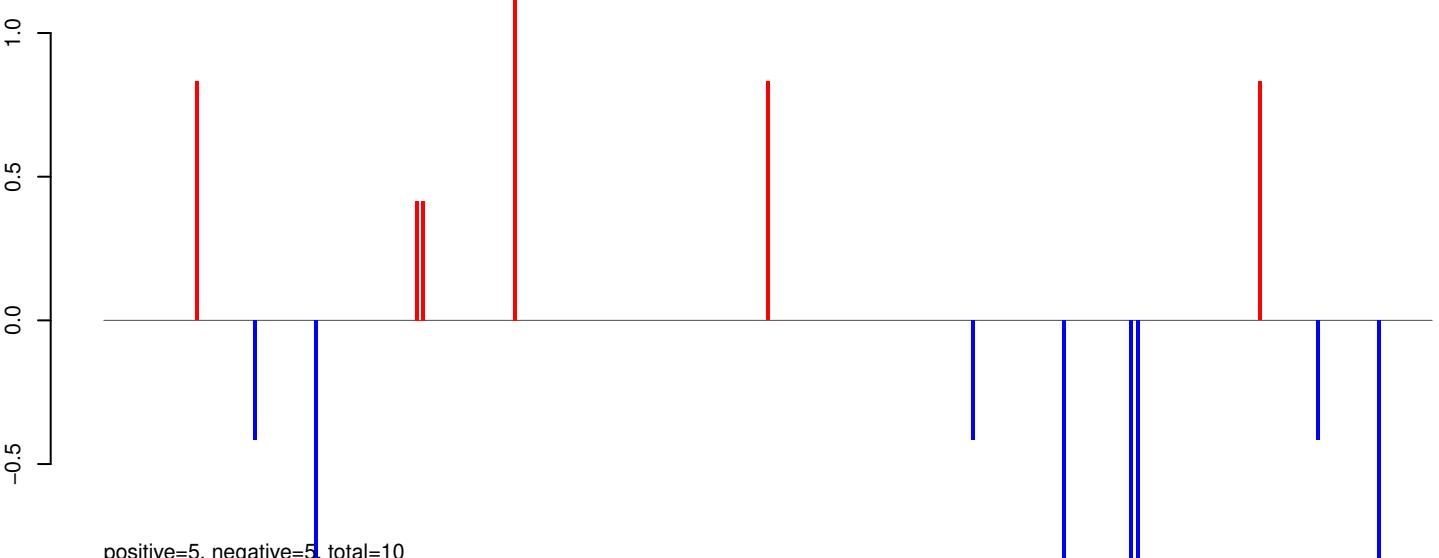


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



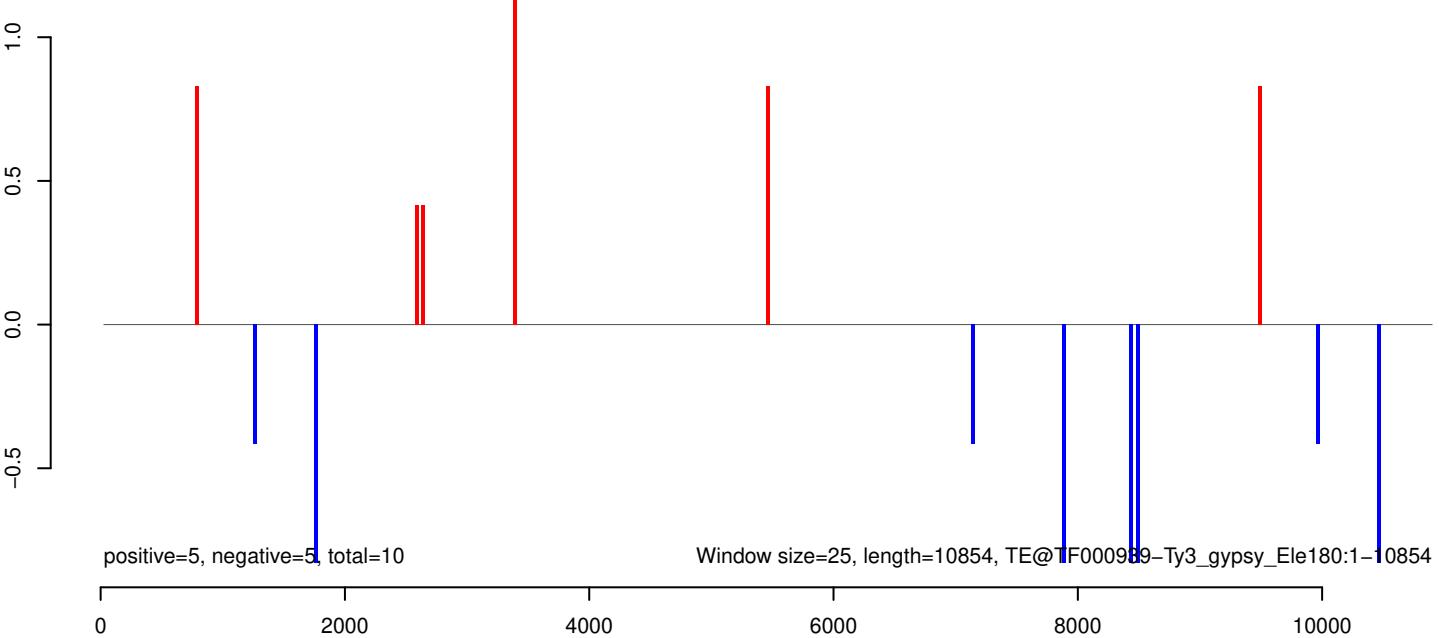
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=5, negative=5, total=10

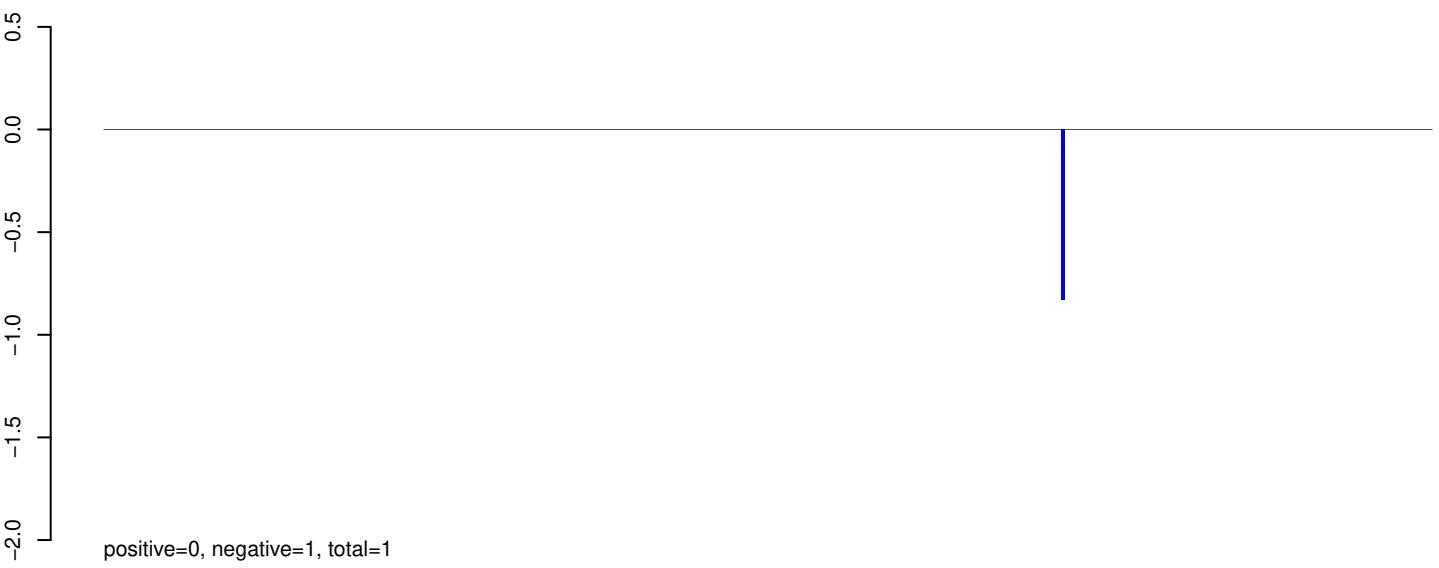
### AeAeg\_Whole\_sm\_r123\_JM.rep



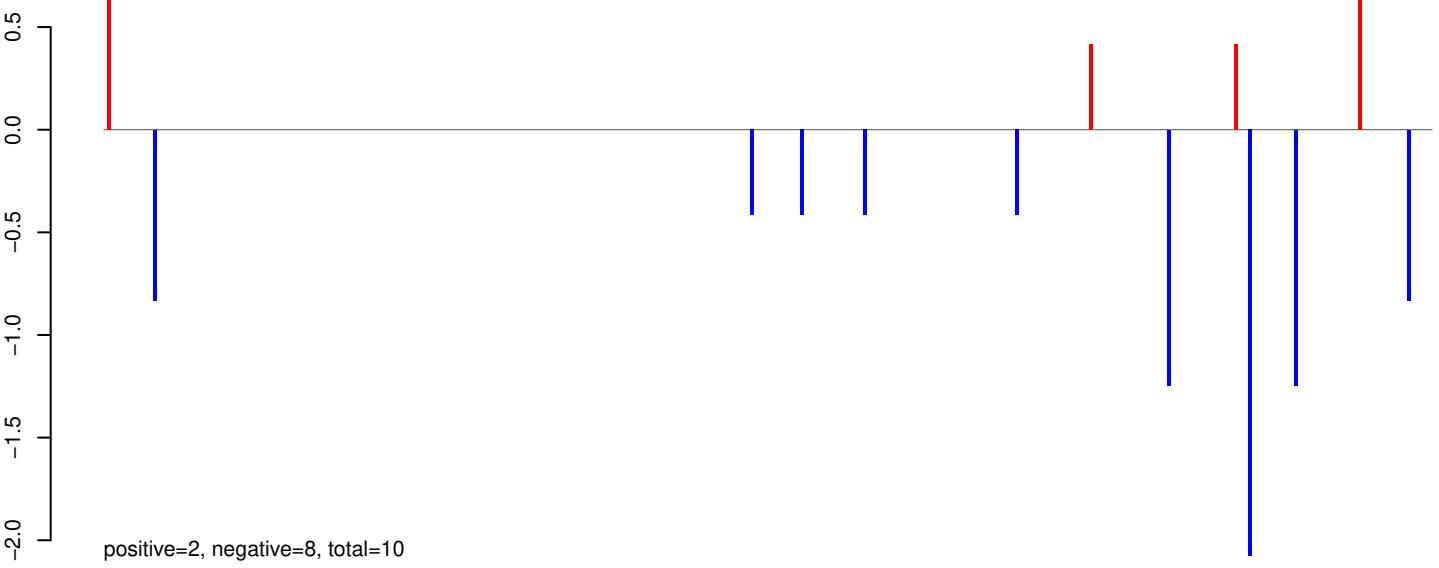
positive=5, negative=5, total=10

Window size=25, length=10854, TE@TF000909-Ty3\_gypsy\_Ele180:1-10854

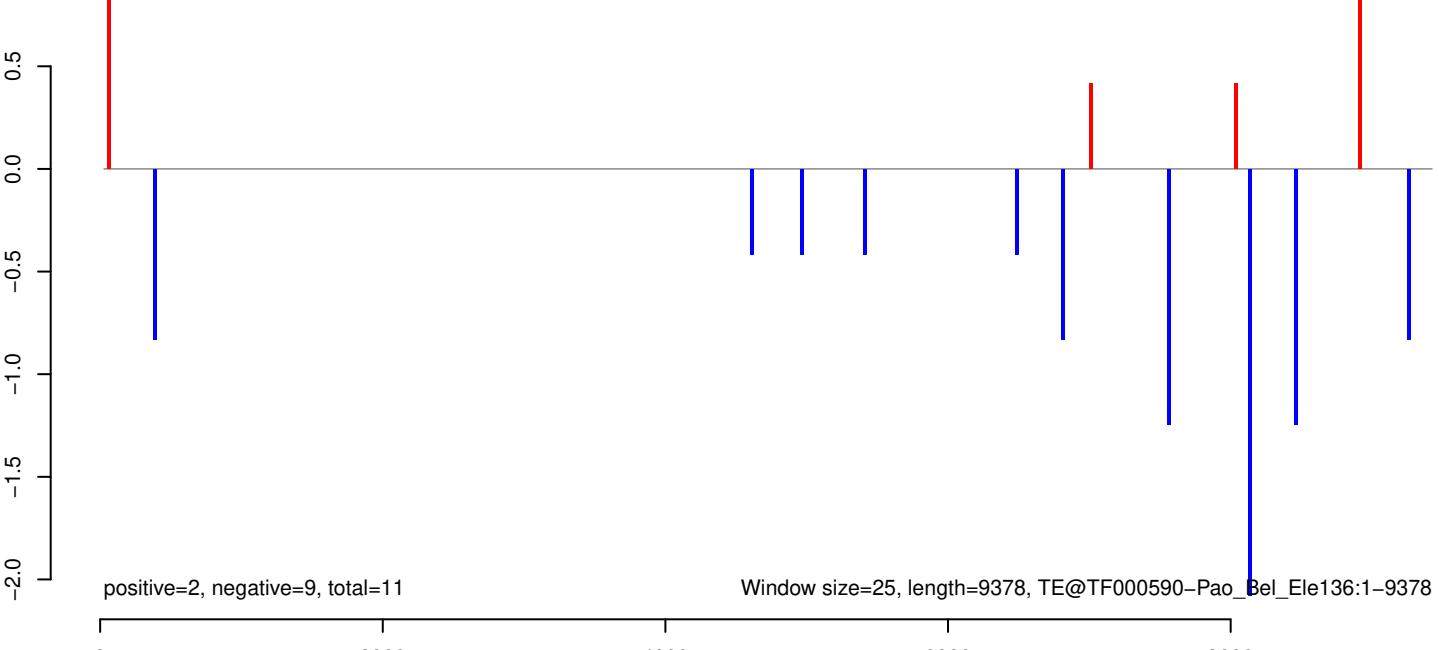
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=4, total=4

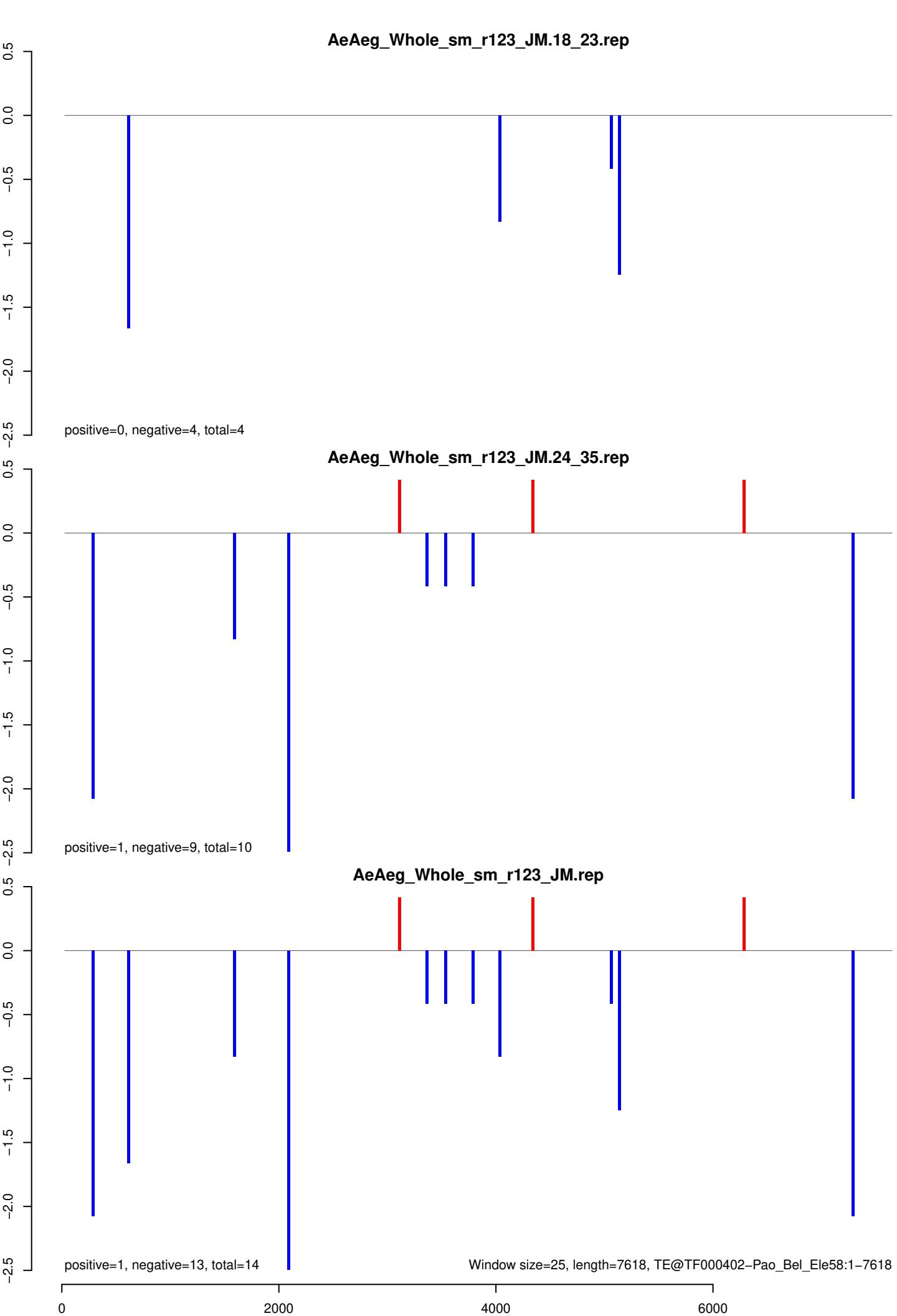
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=9, total=10

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=13, total=14

Window size=25, length=7618, TE@TF000402-Pao\_Bel\_Ele58:1-7618



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

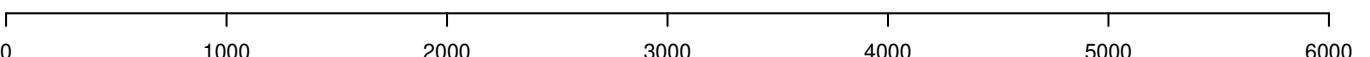
positive=3, negative=12, total=15



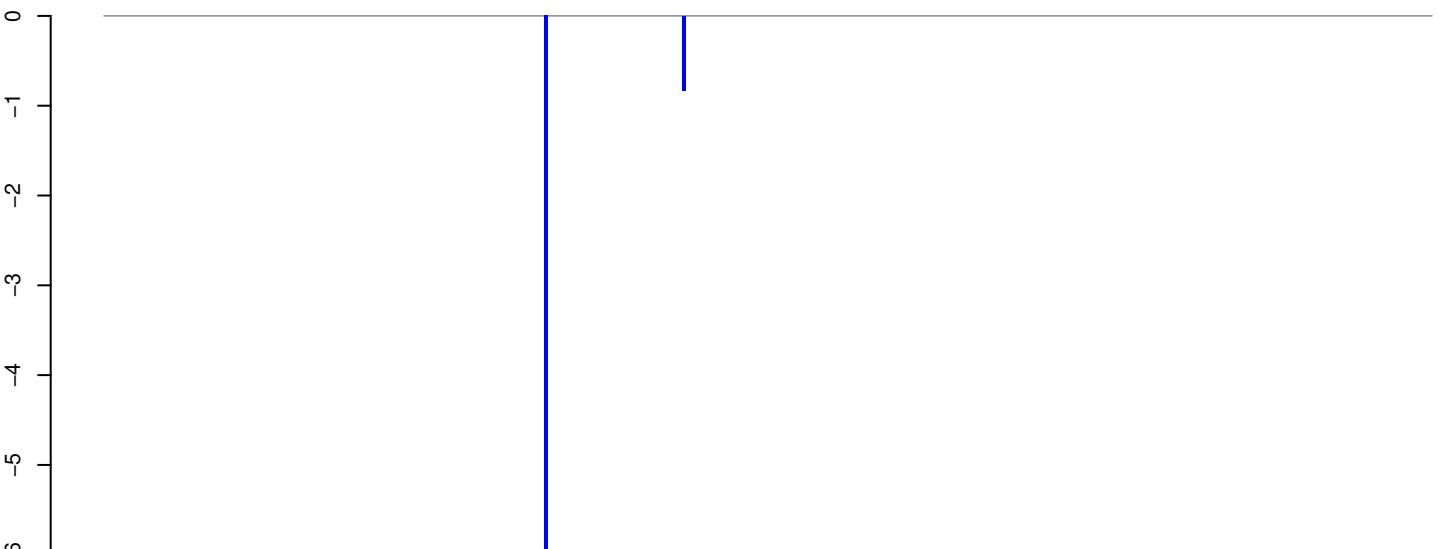
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=4, negative=12, total=16

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

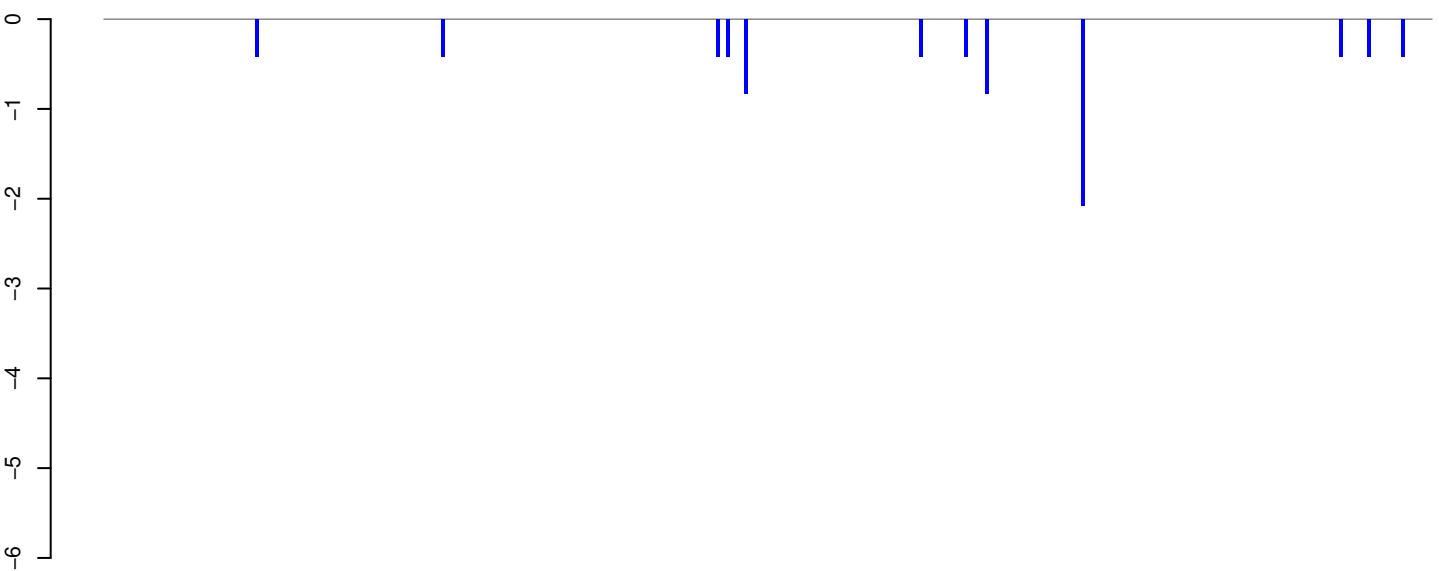


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



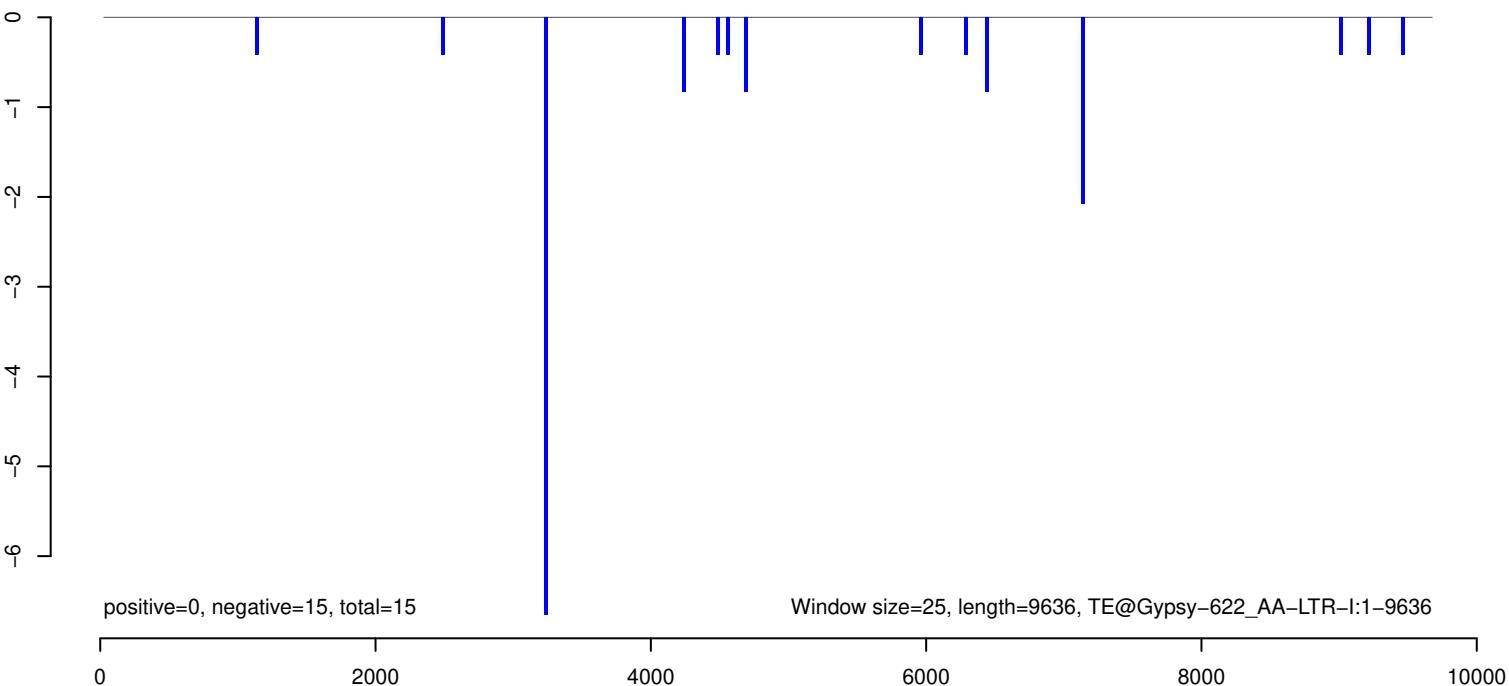
positive=0, negative=7, total=7

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=7, total=7

### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2

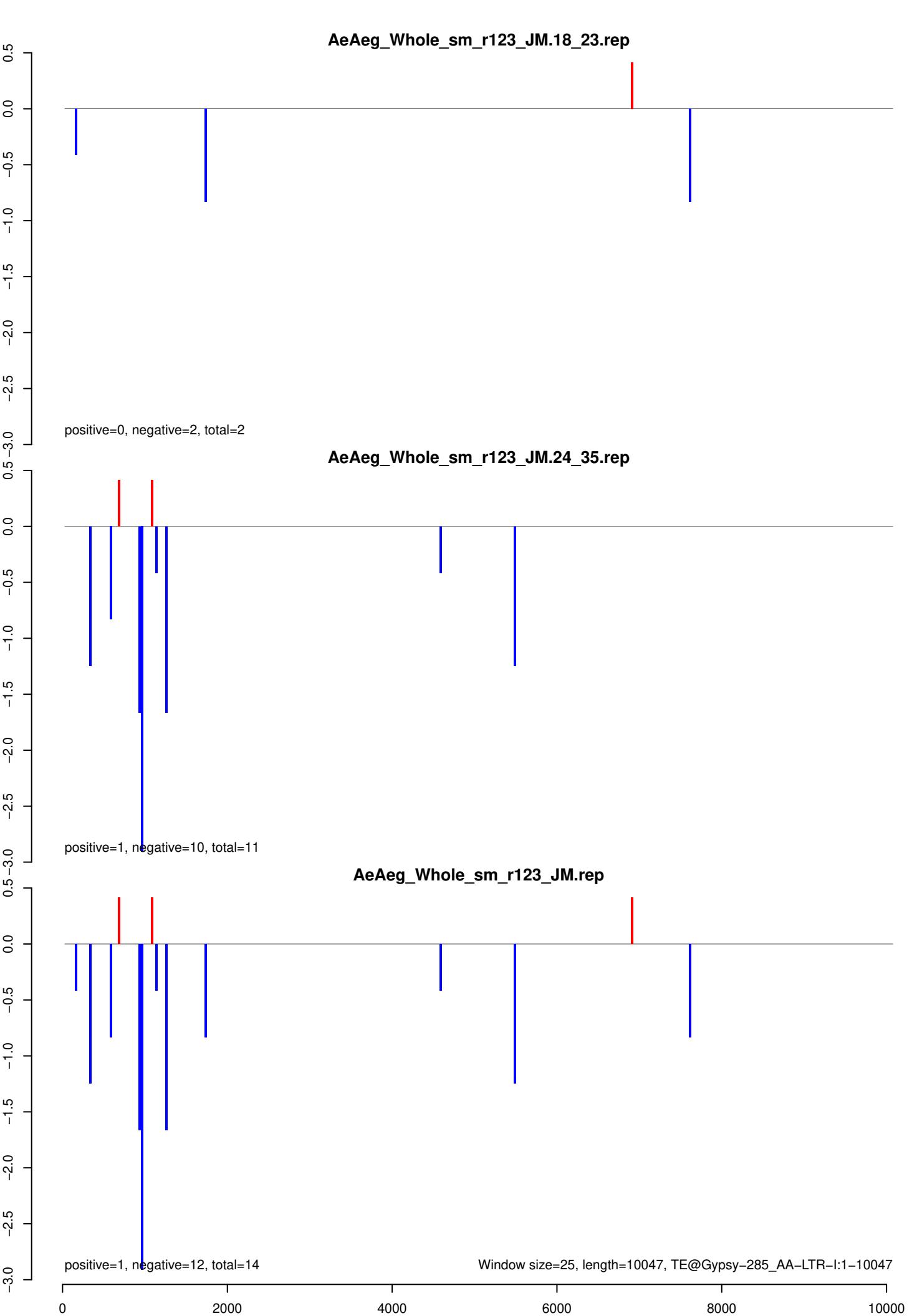
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=10, total=11

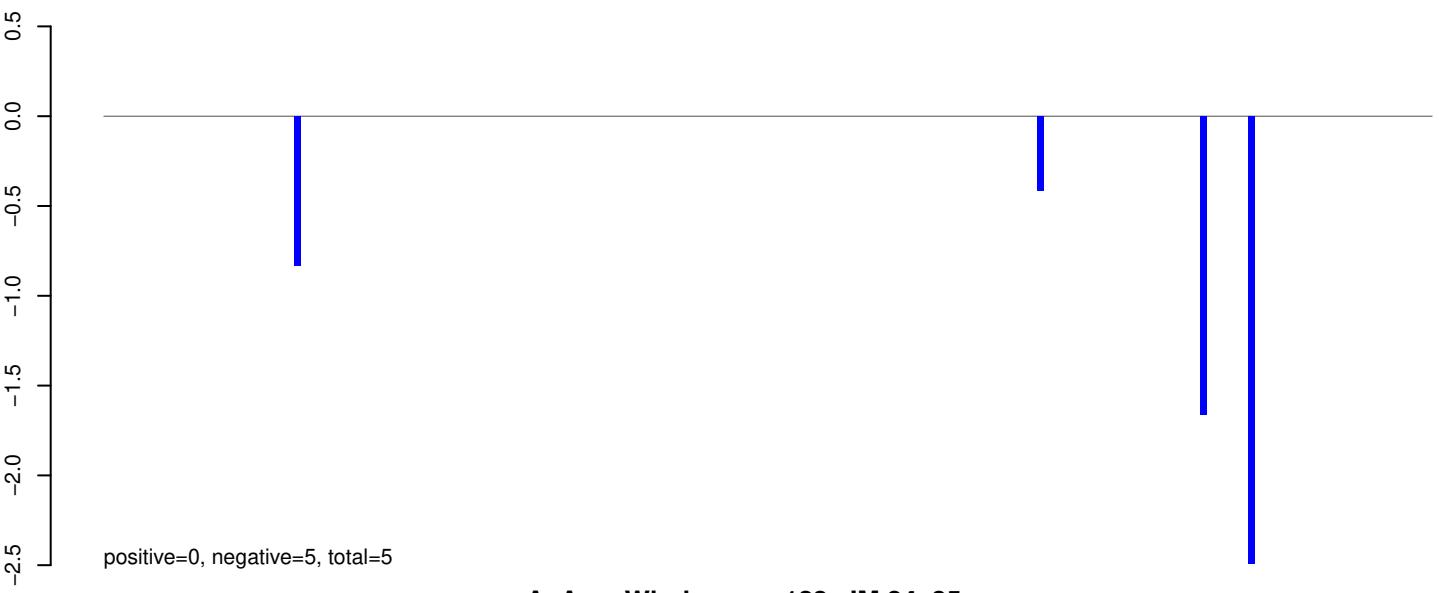
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=12, total=14

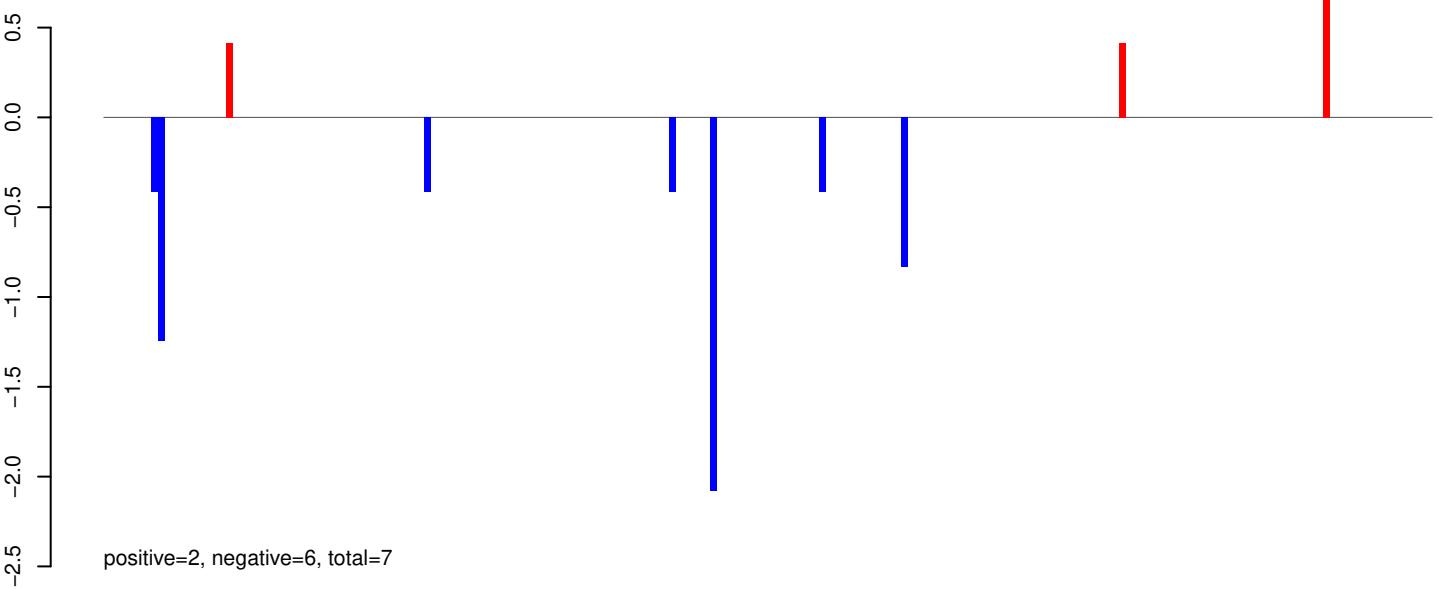
Window size=25, length=10047, TE@Gypsy-285\_AA-LTR-I:1-10047



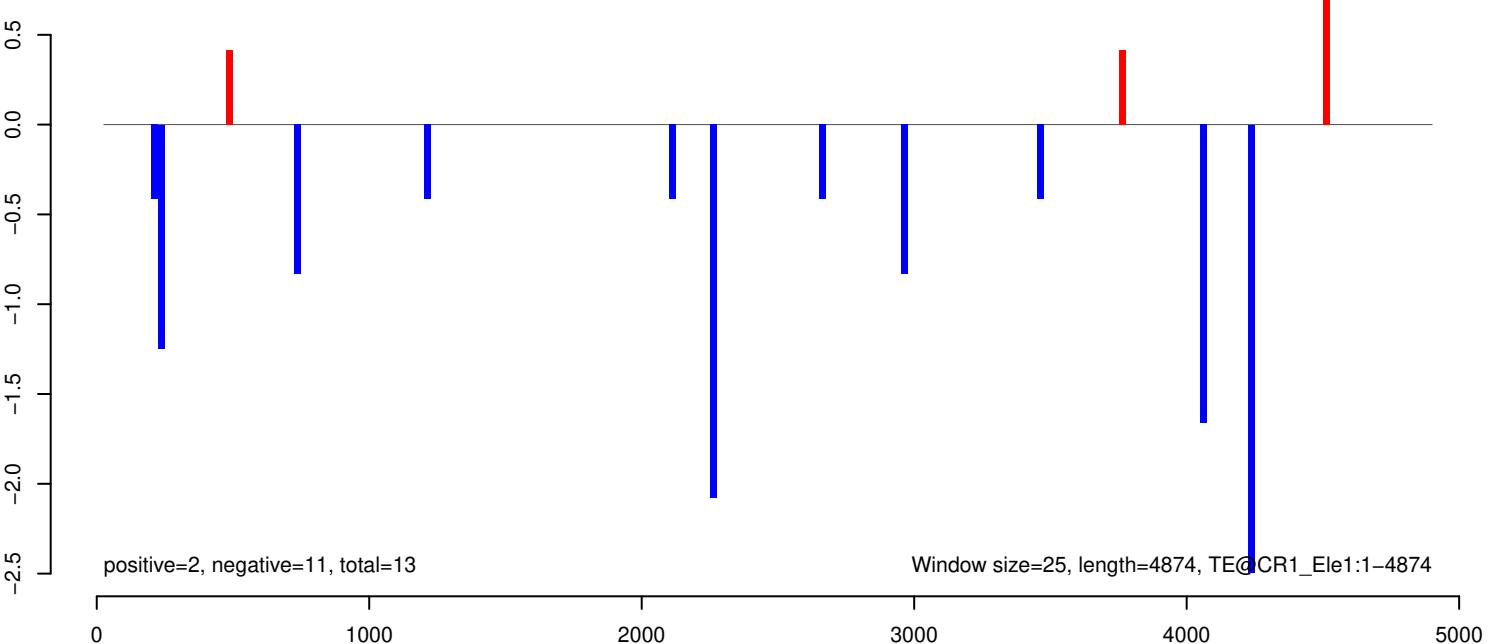
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

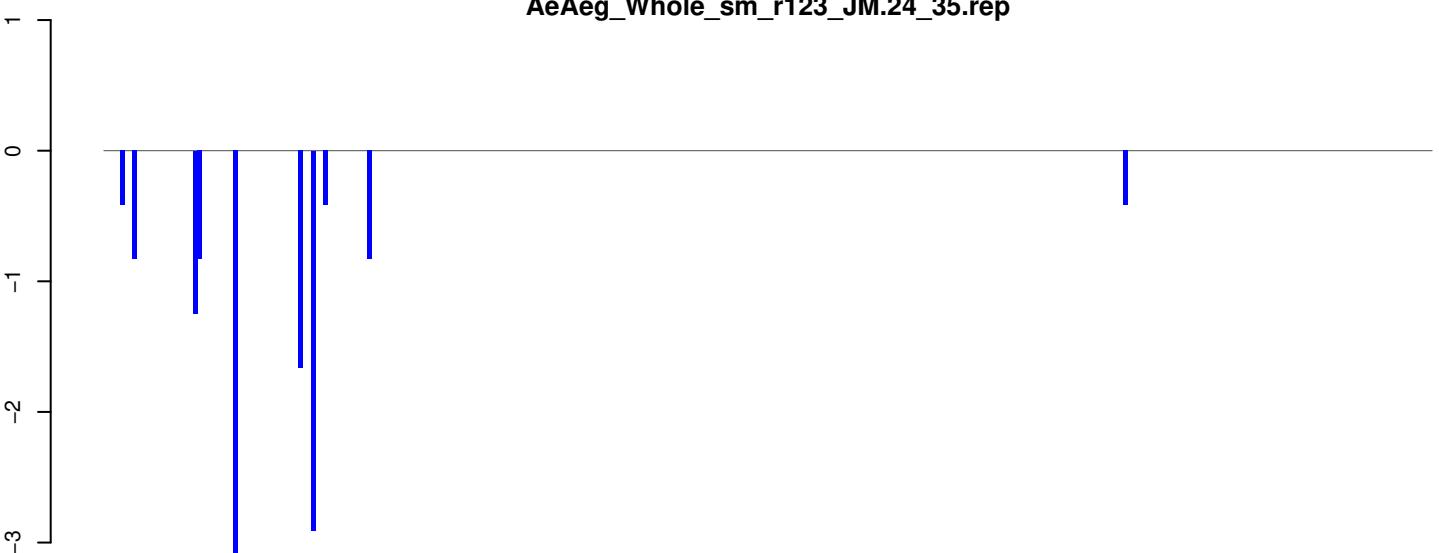


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



positive=1, negative=2, total=3

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=13, total=13

### AeAeg\_Whole\_sm\_r123\_JM.rep

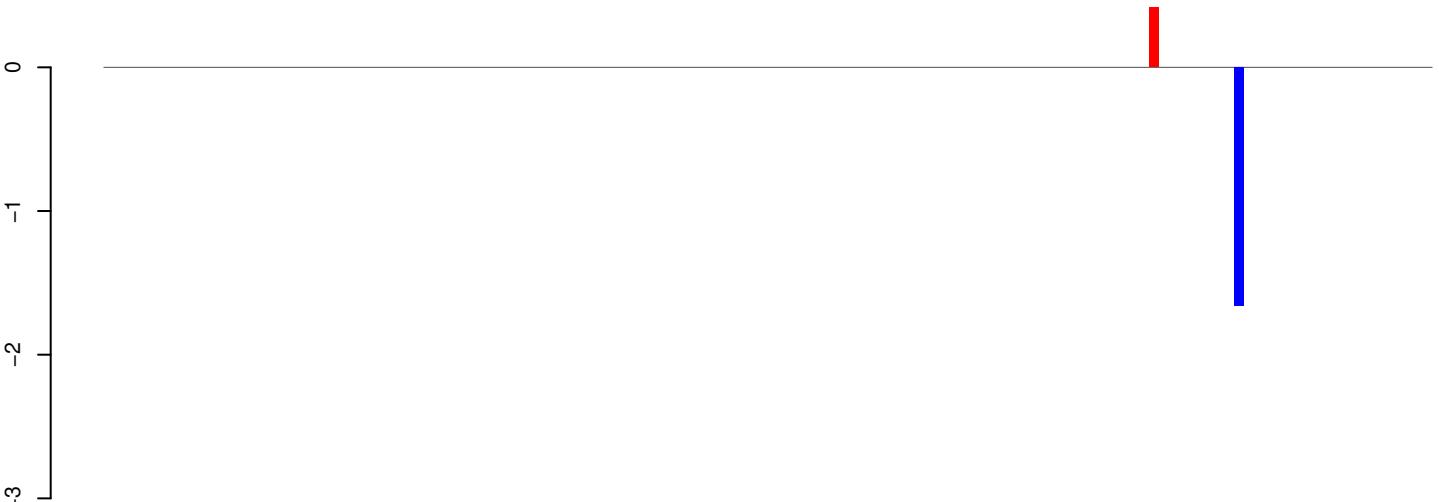


positive=1, negative=15, total=16

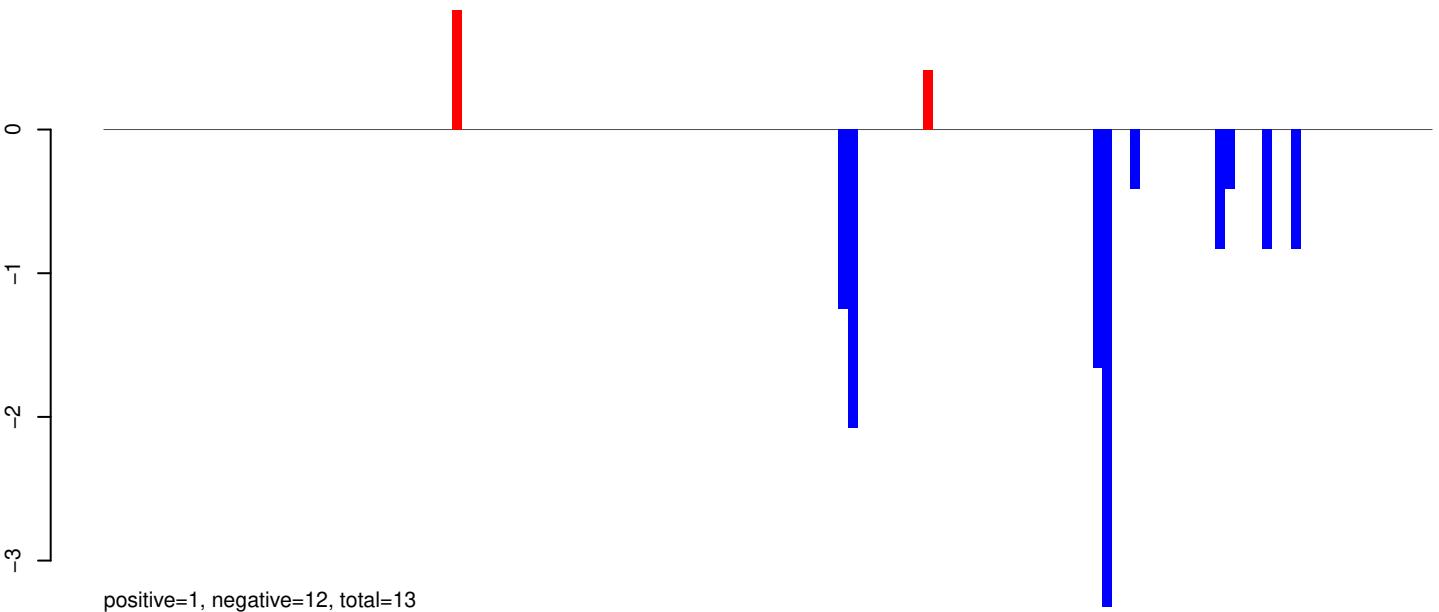
Window size=25, length=8169, TE@BEL-199\_AA-LTR-I:1-8169

0 2000 4000 6000 8000

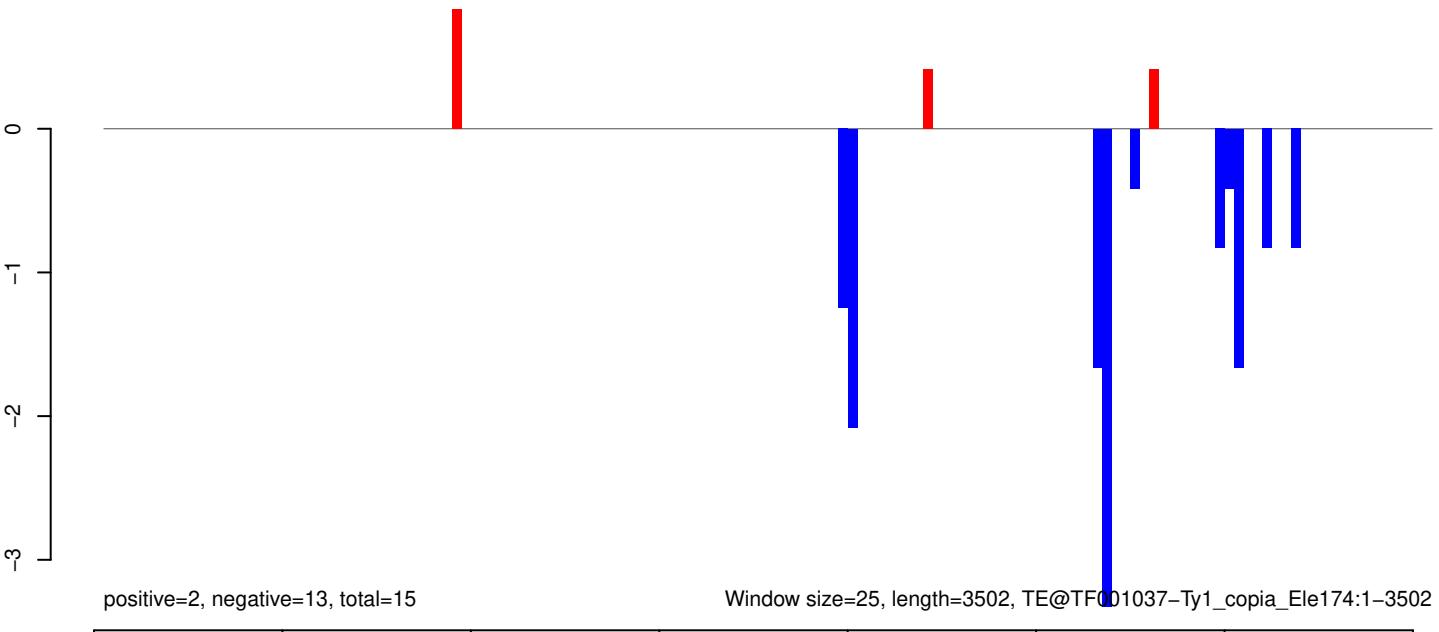
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



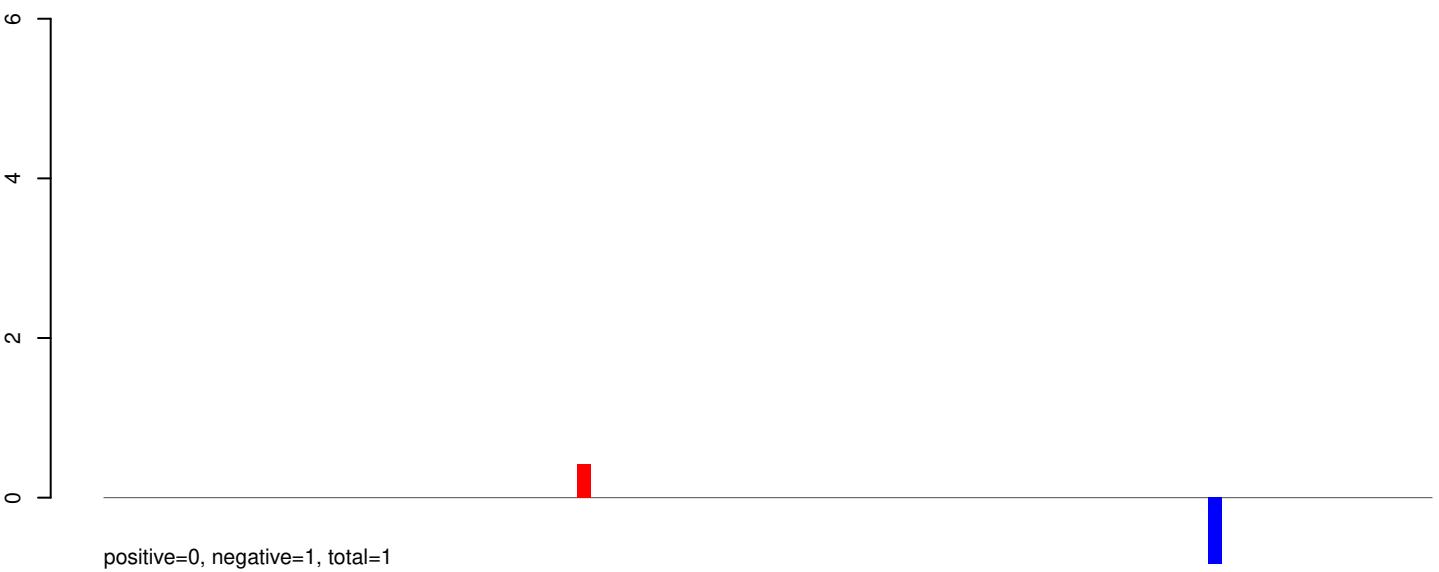
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



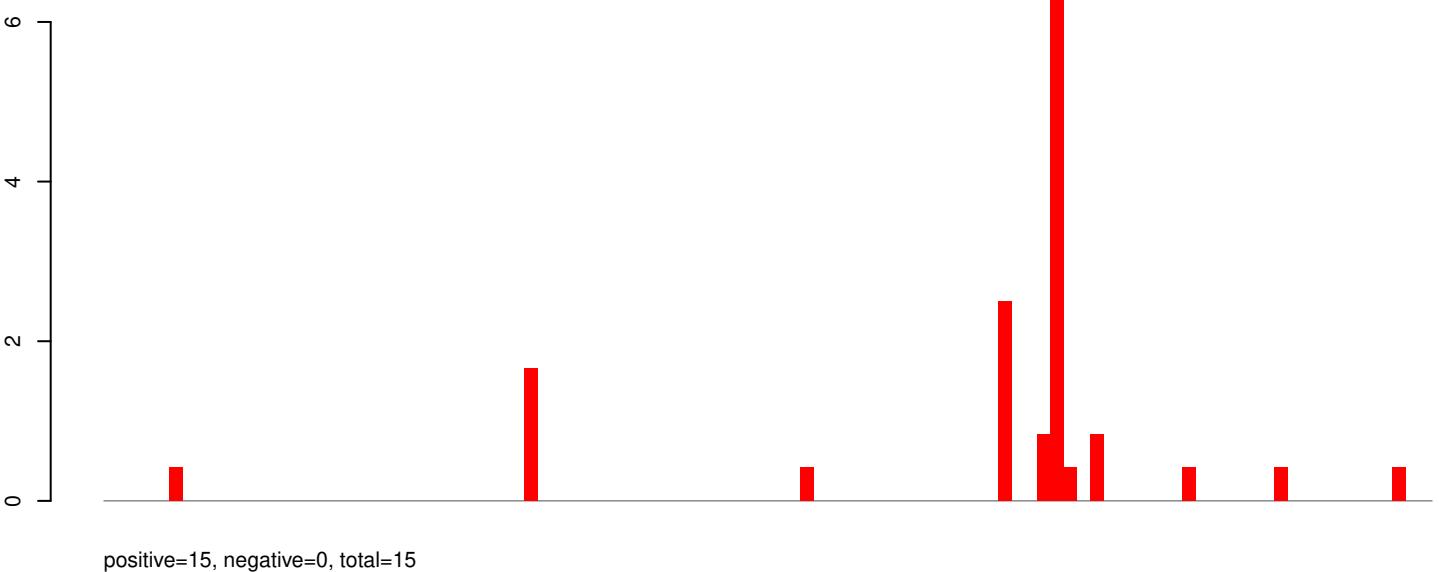
**AeAeg\_Whole\_sm\_r123\_JM.rep**



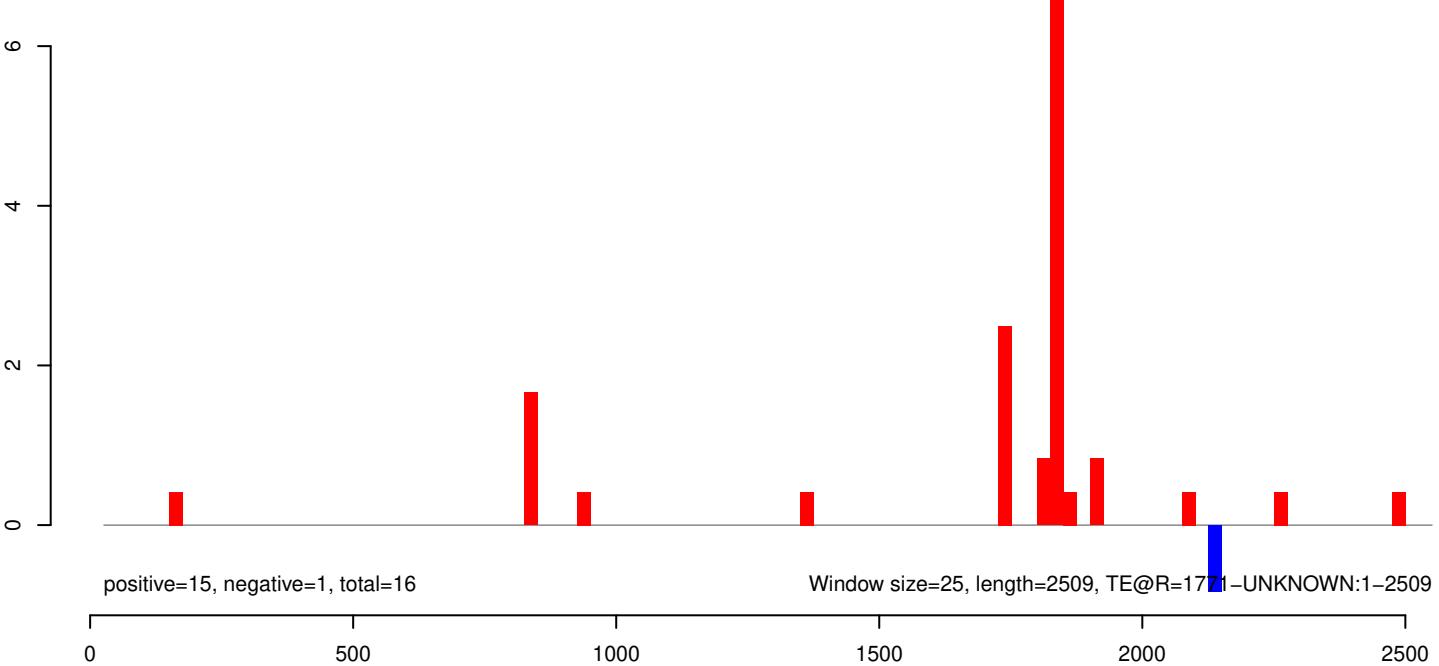
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



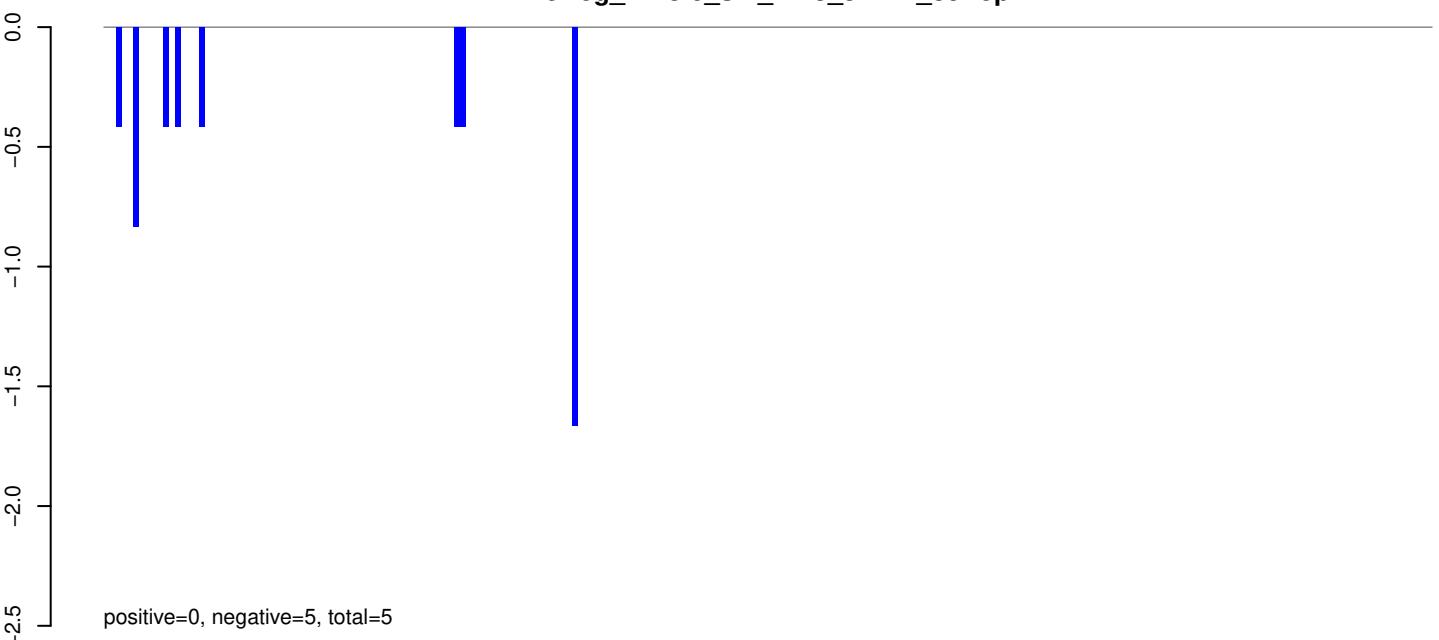
**AeAeg\_Whole\_sm\_r123\_JM.rep**



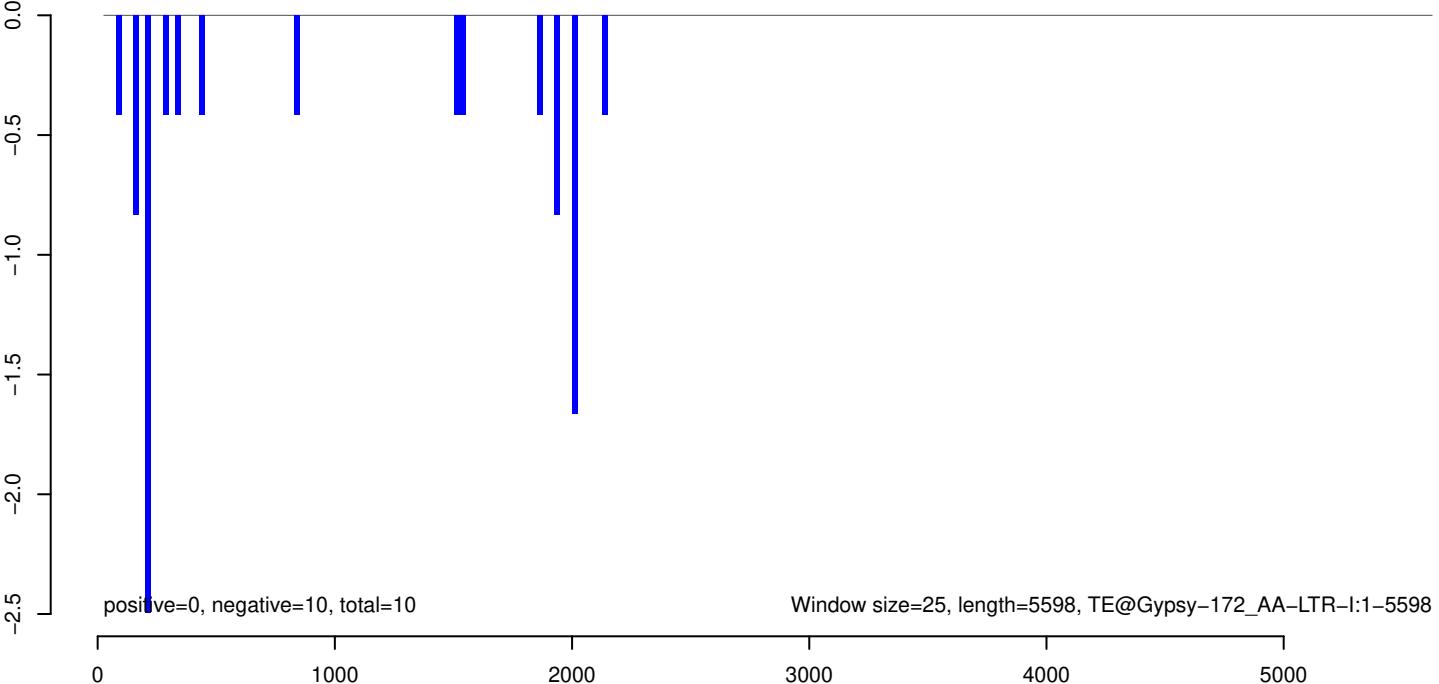
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



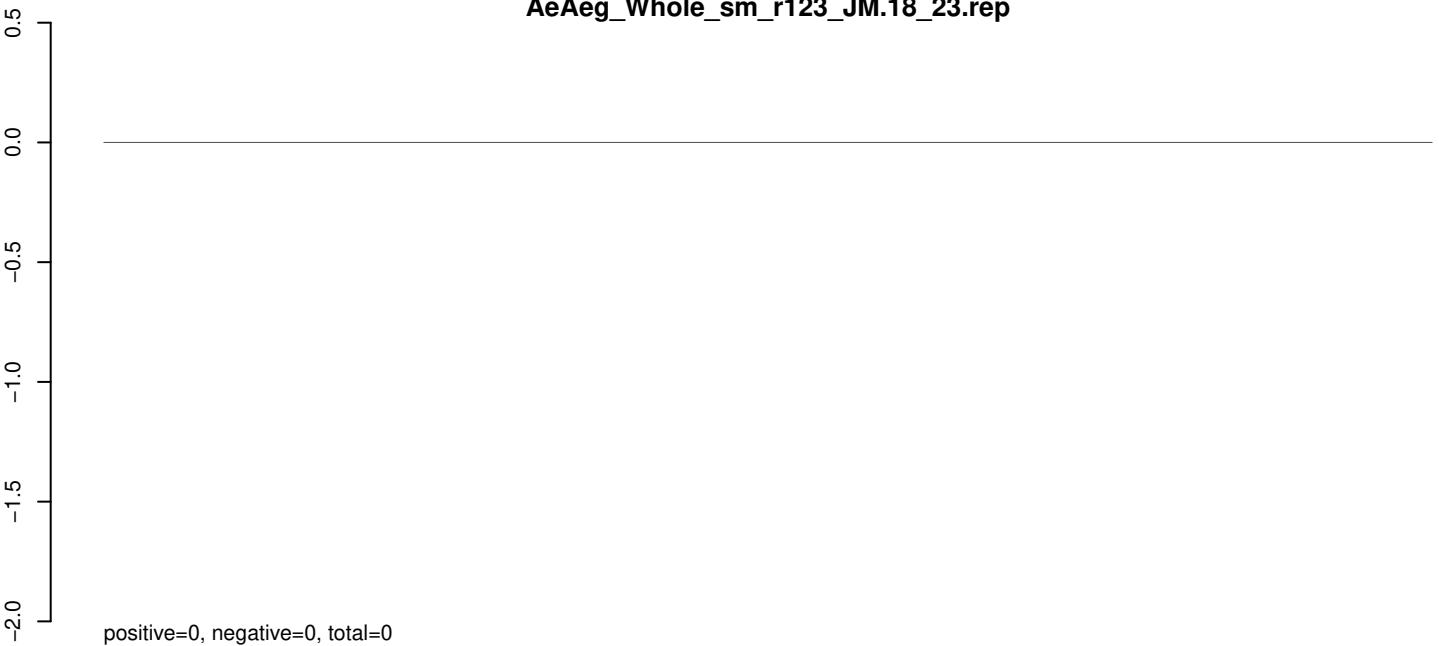
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



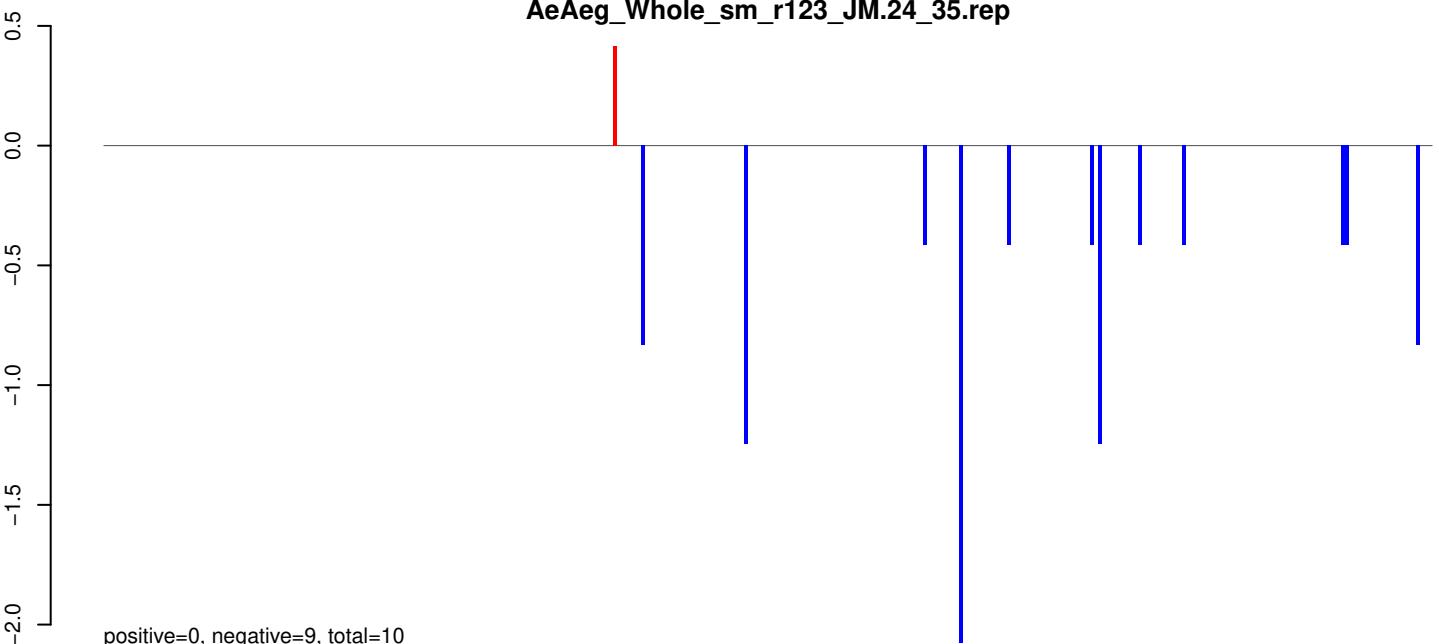
### AeAeg\_Whole\_sm\_r123\_JM.rep



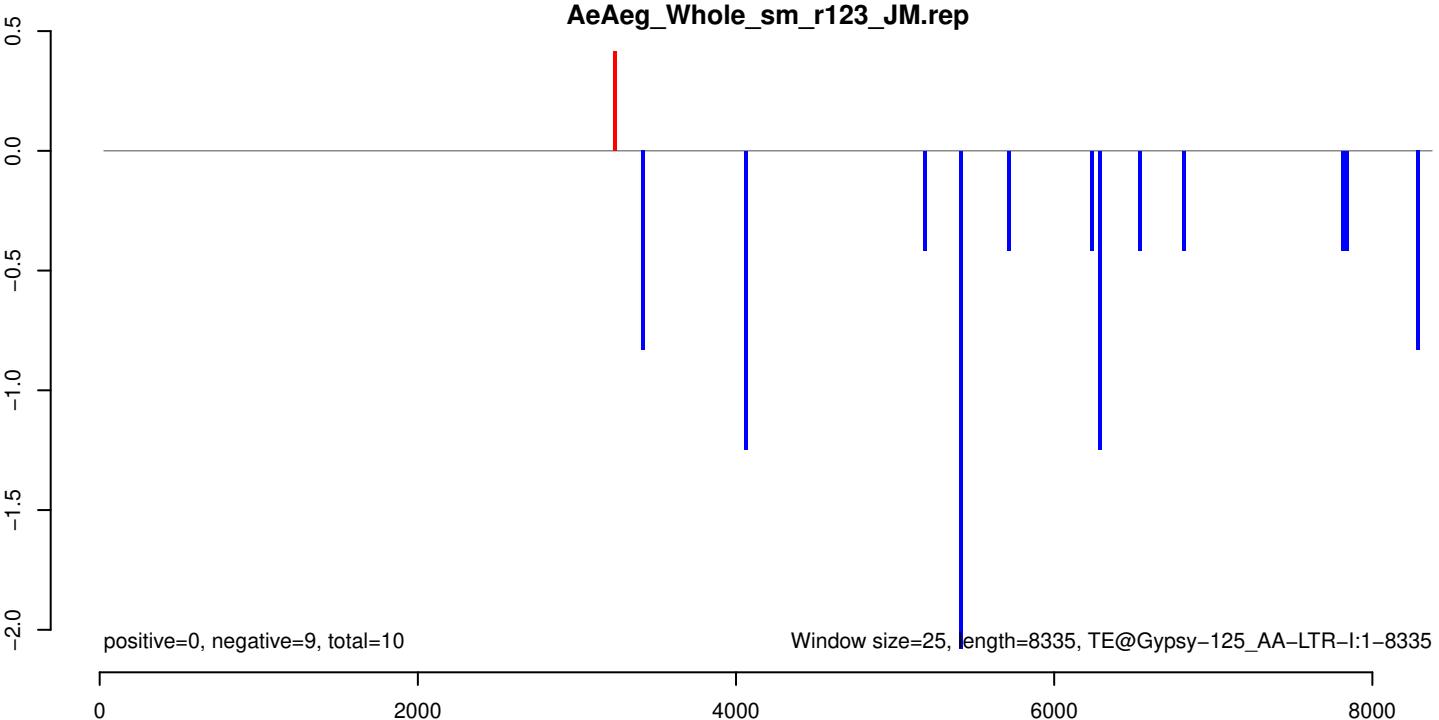
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



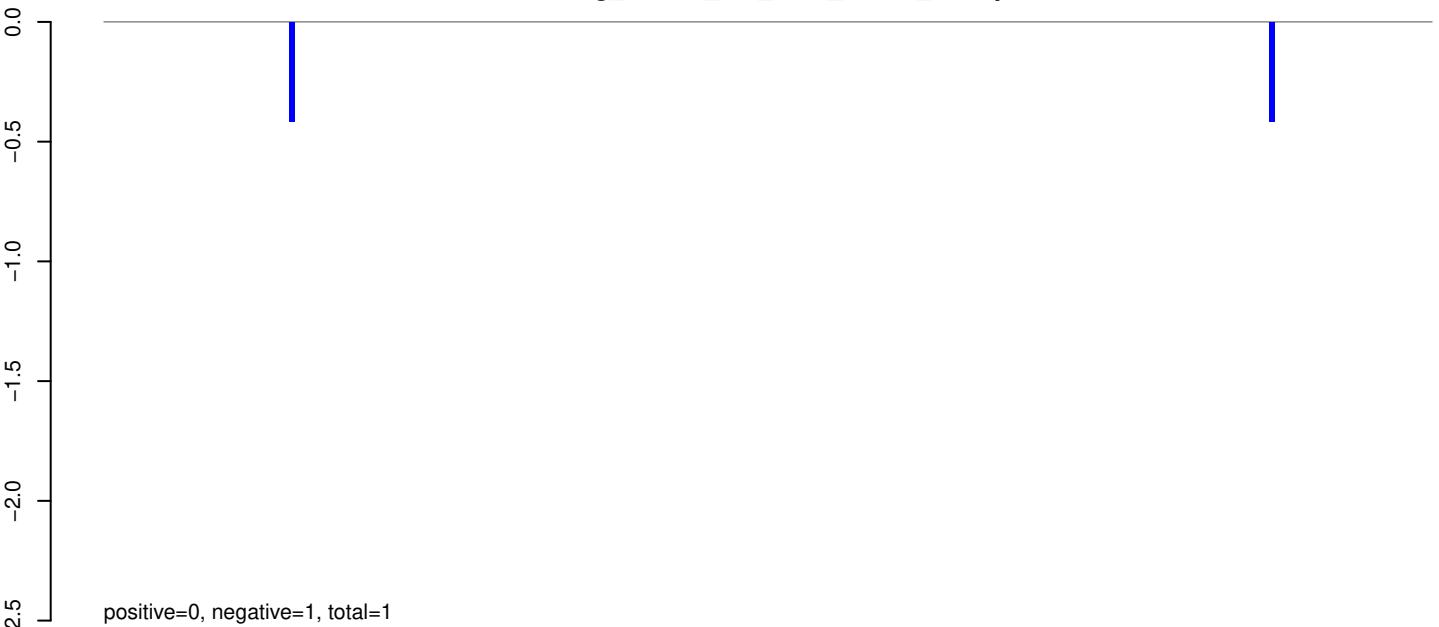
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



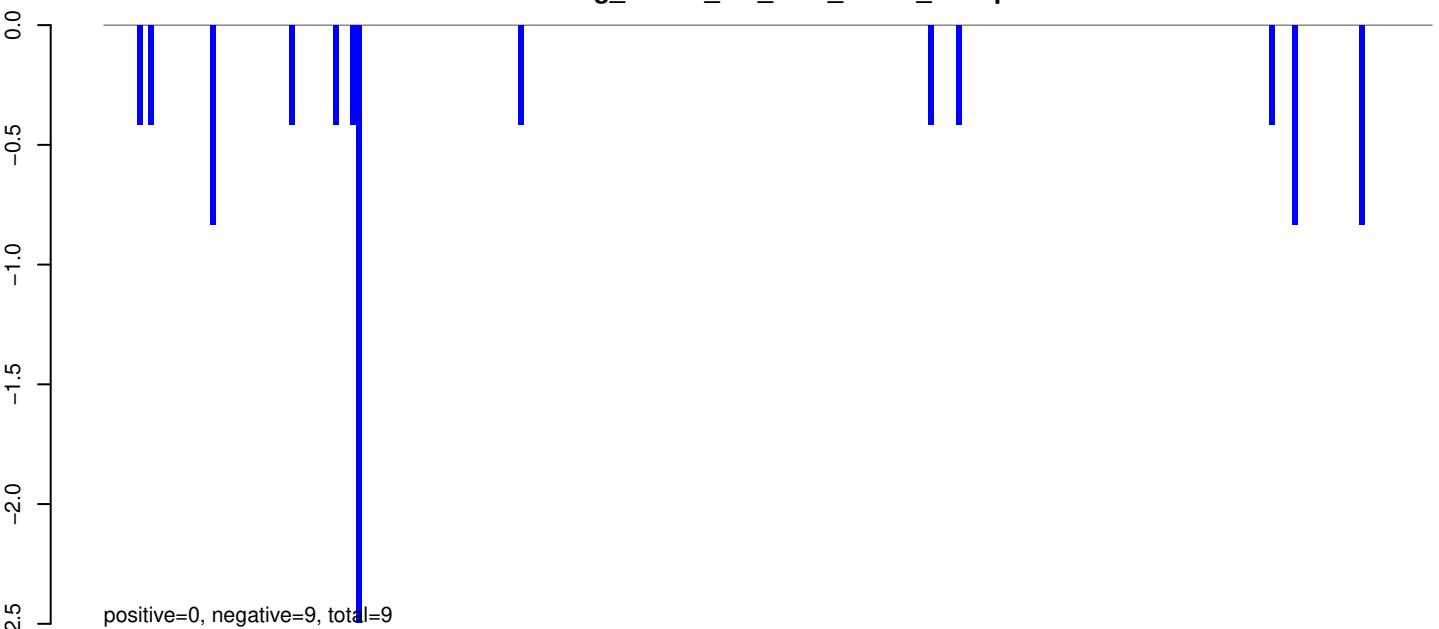
### AeAeg\_Whole\_sm\_r123\_JM.rep



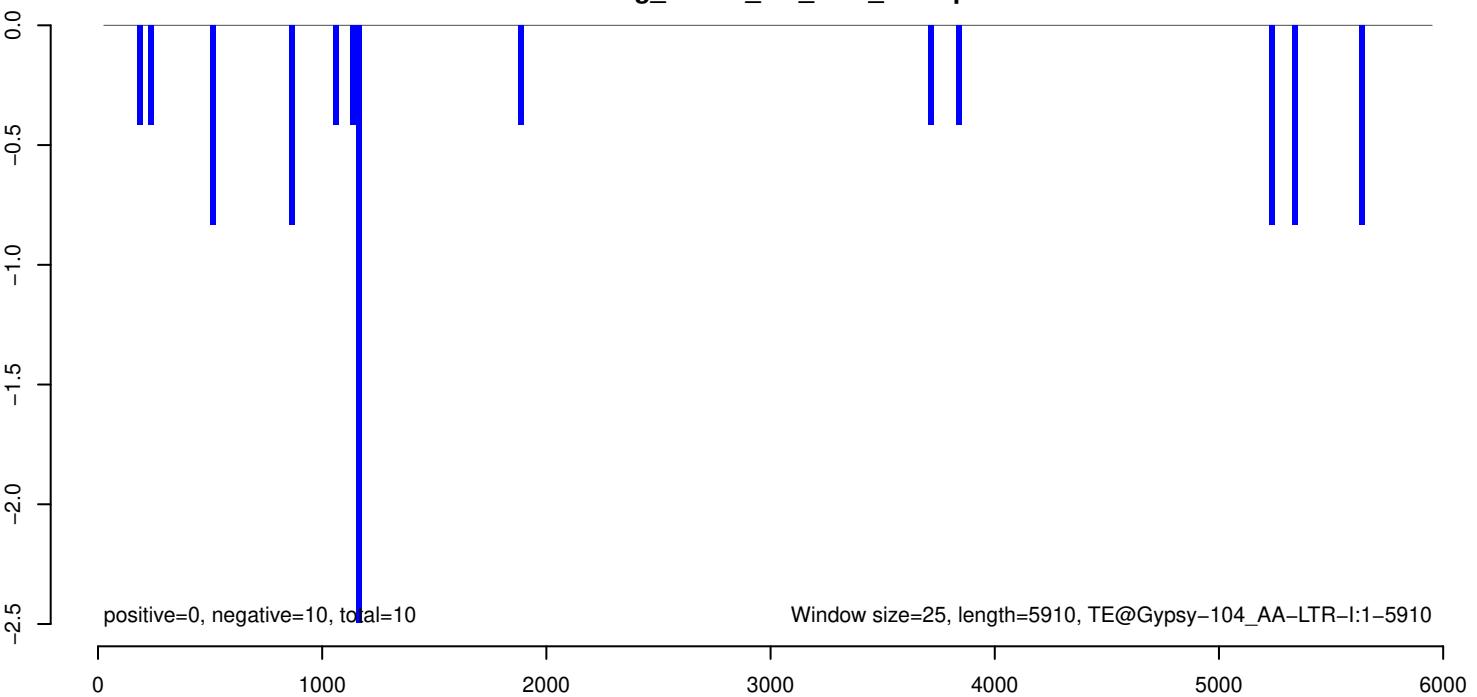
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



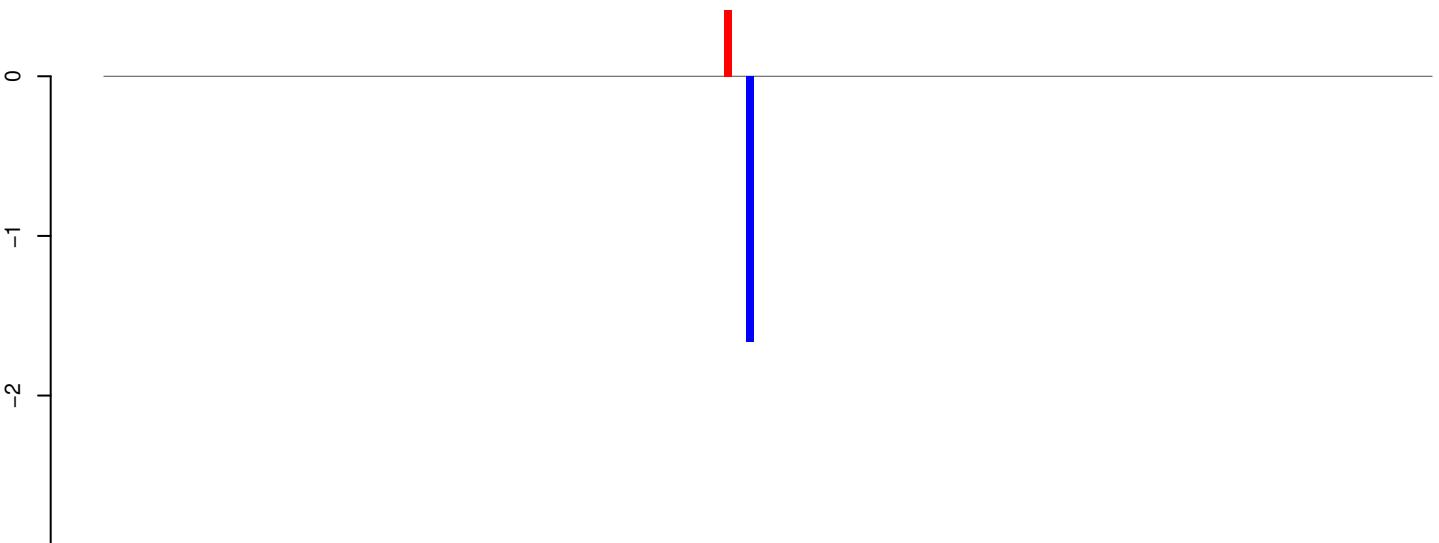
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

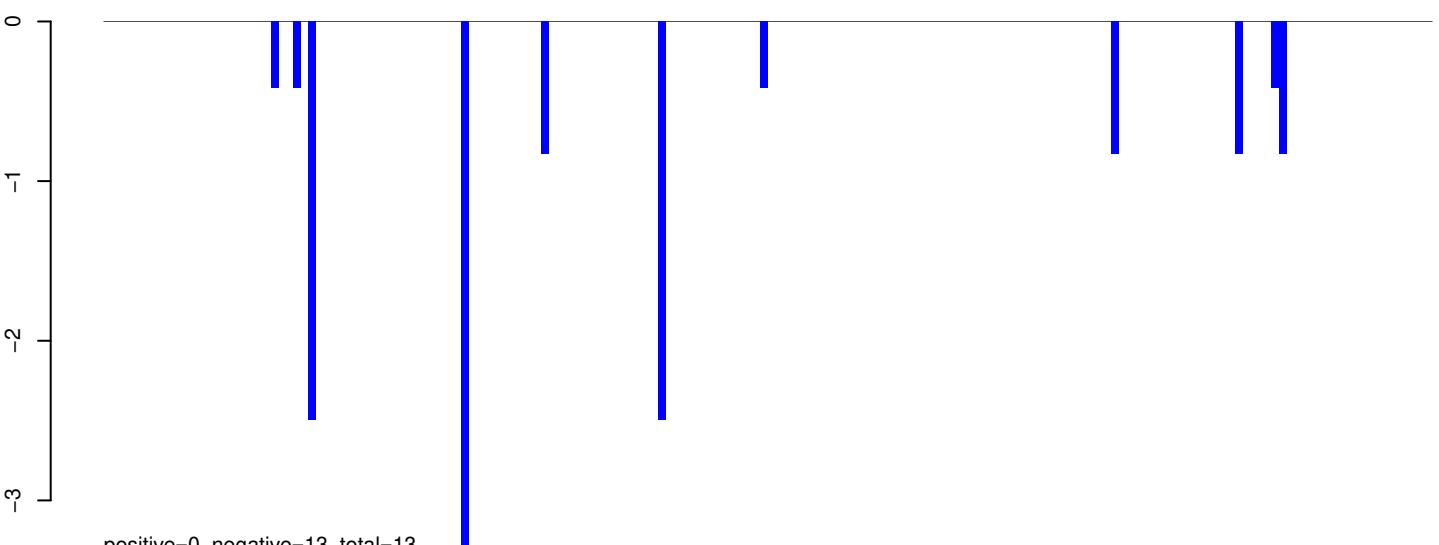


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



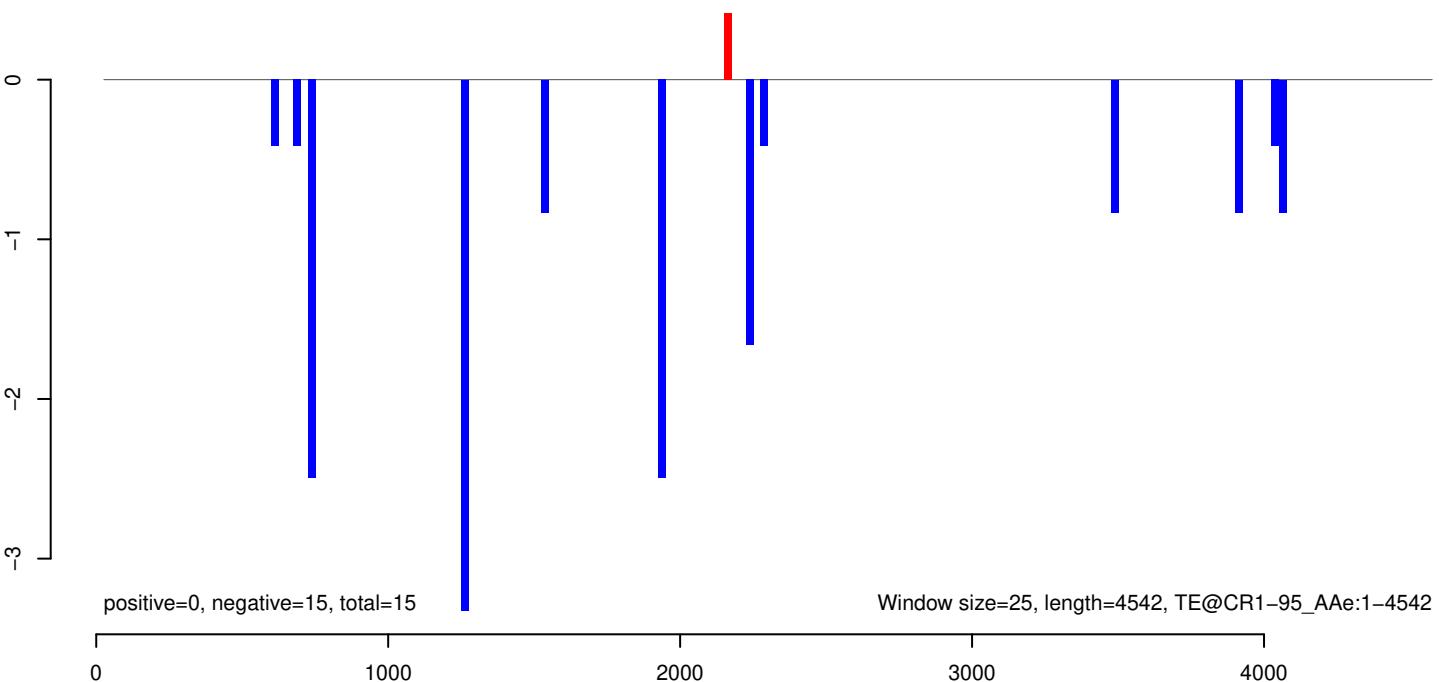
positive=0, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=13, total=13

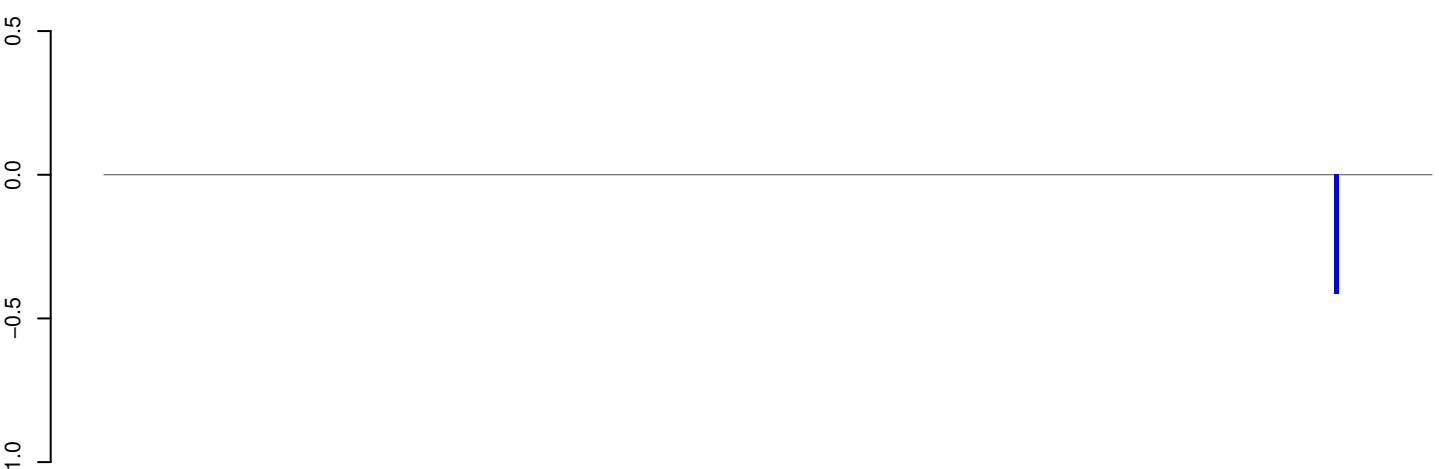
### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=0, negative=15, total=15

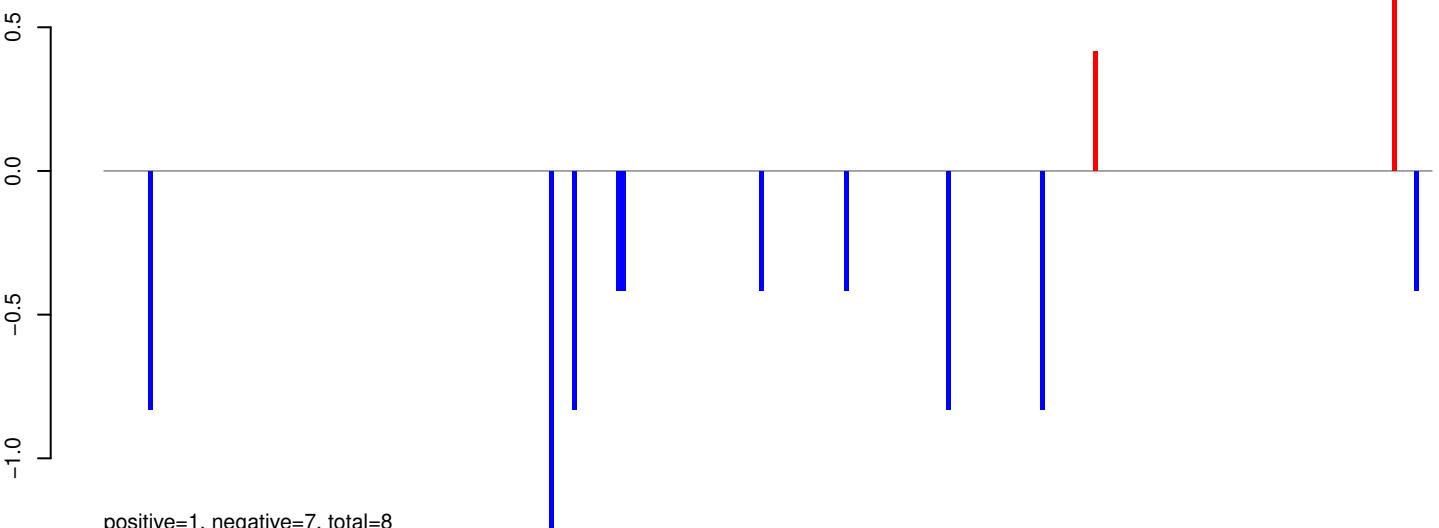
Window size=25, length=4542, TE@CR1-95\_AAe:1-4542

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



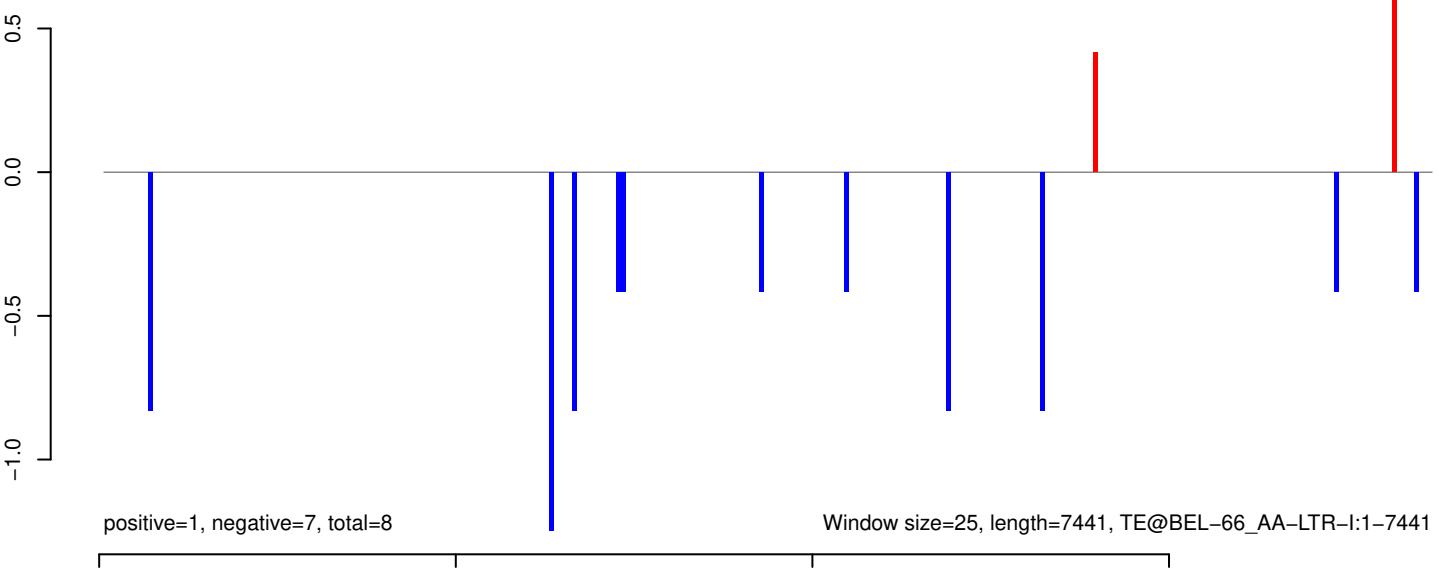
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=7, total=8

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=1, negative=7, total=8

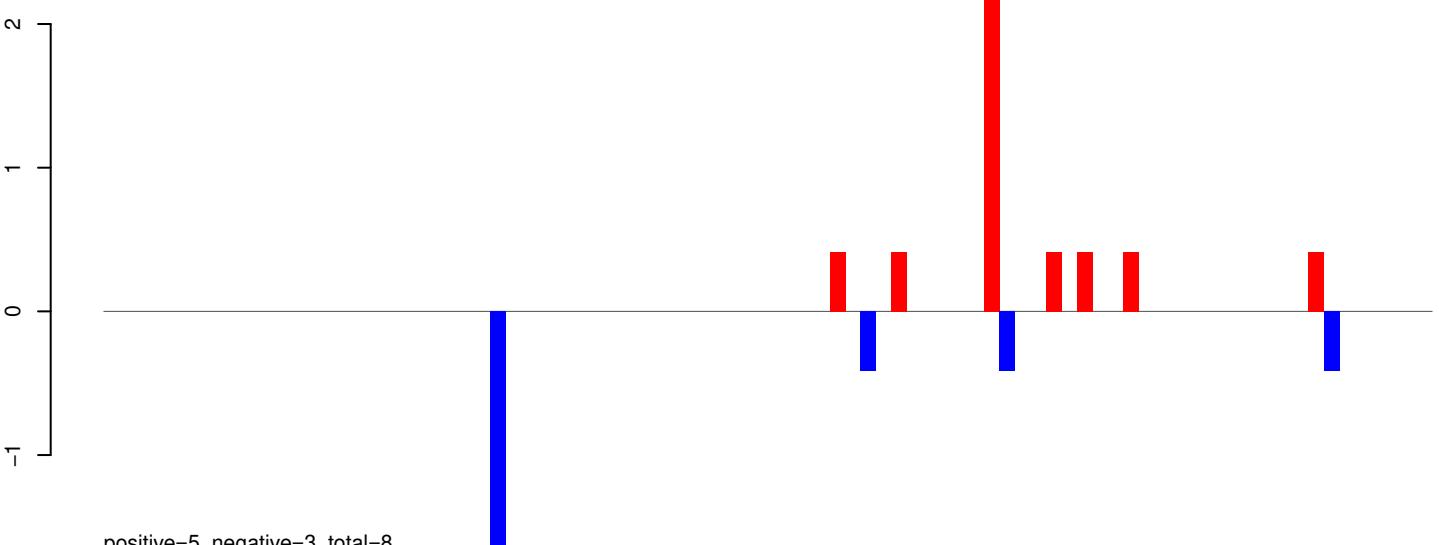
Window size=25, length=7441, TE@BEL-66\_AA-LTR-I:1-7441

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



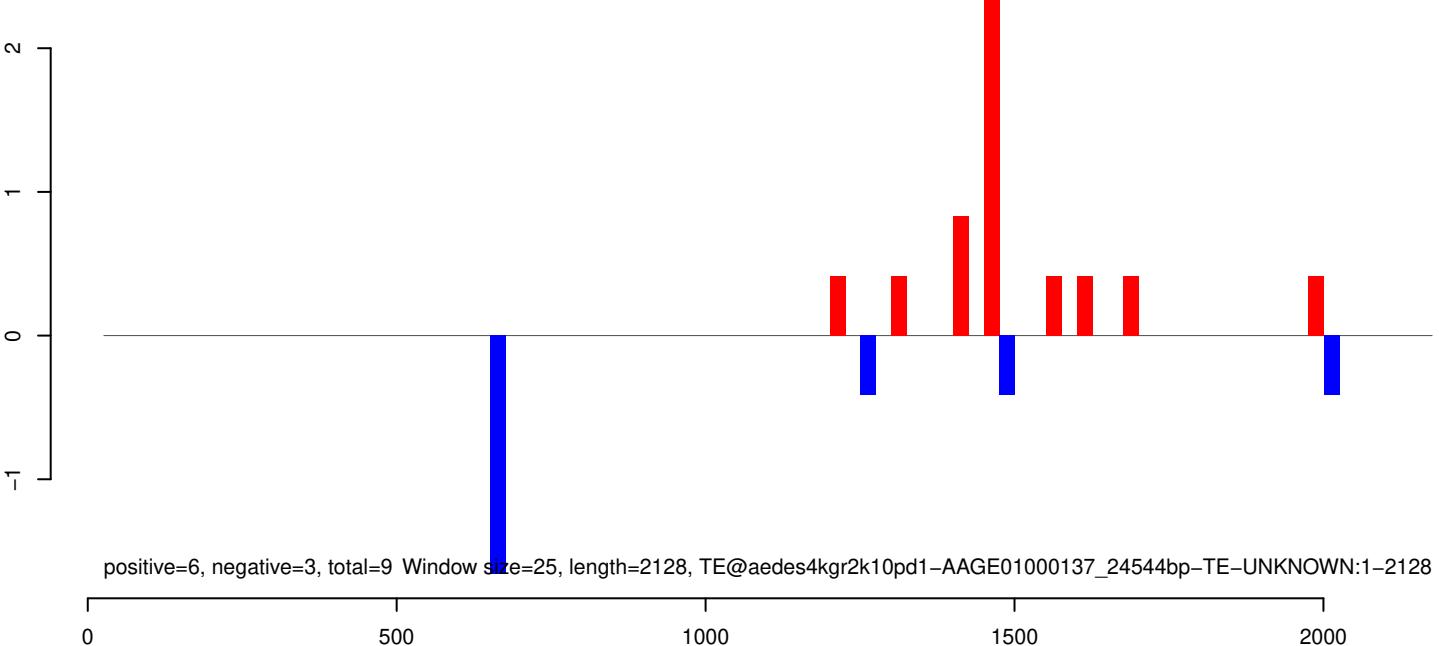
positive=1, negative=0, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



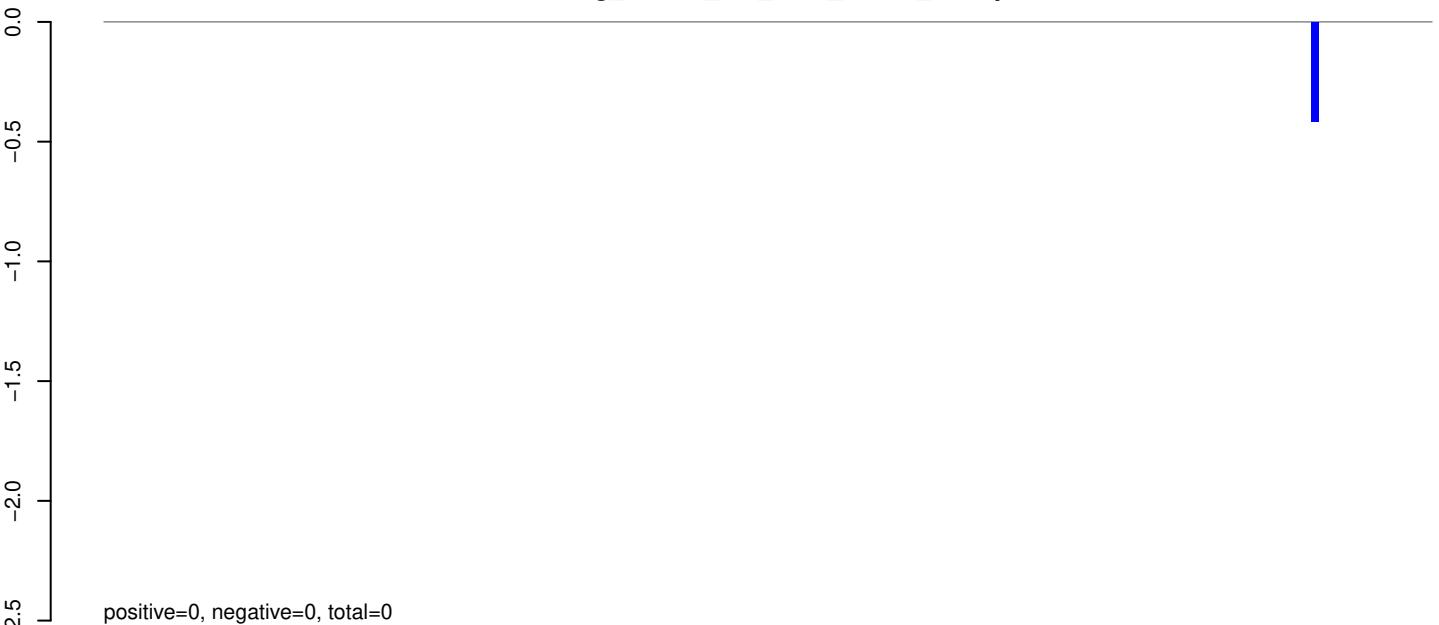
positive=5, negative=3, total=8

### AeAeg\_Whole\_sm\_r123\_JM.rep

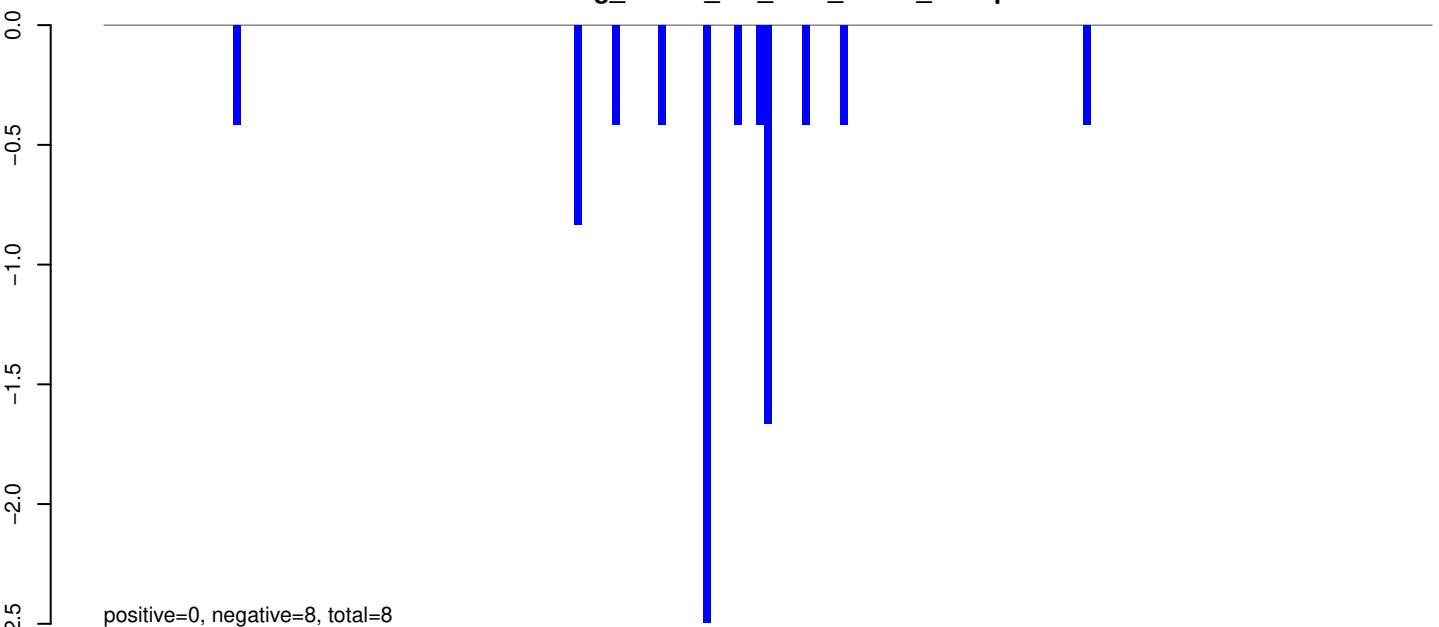


positive=6, negative=3, total=9 Window size=25, length=2128, TE@aedes4kgr2k10pd1-AAGE01000137\_24544bp-TE-UNKNOWN:1-2128

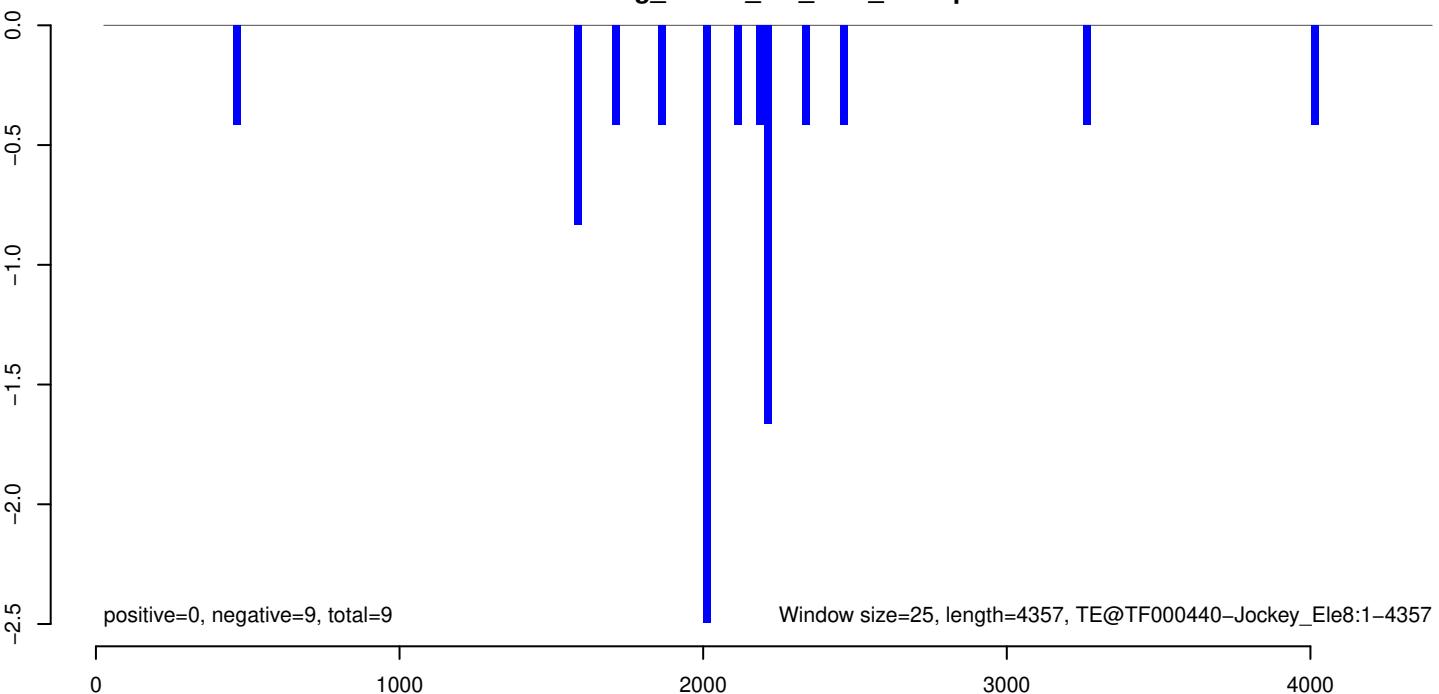
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



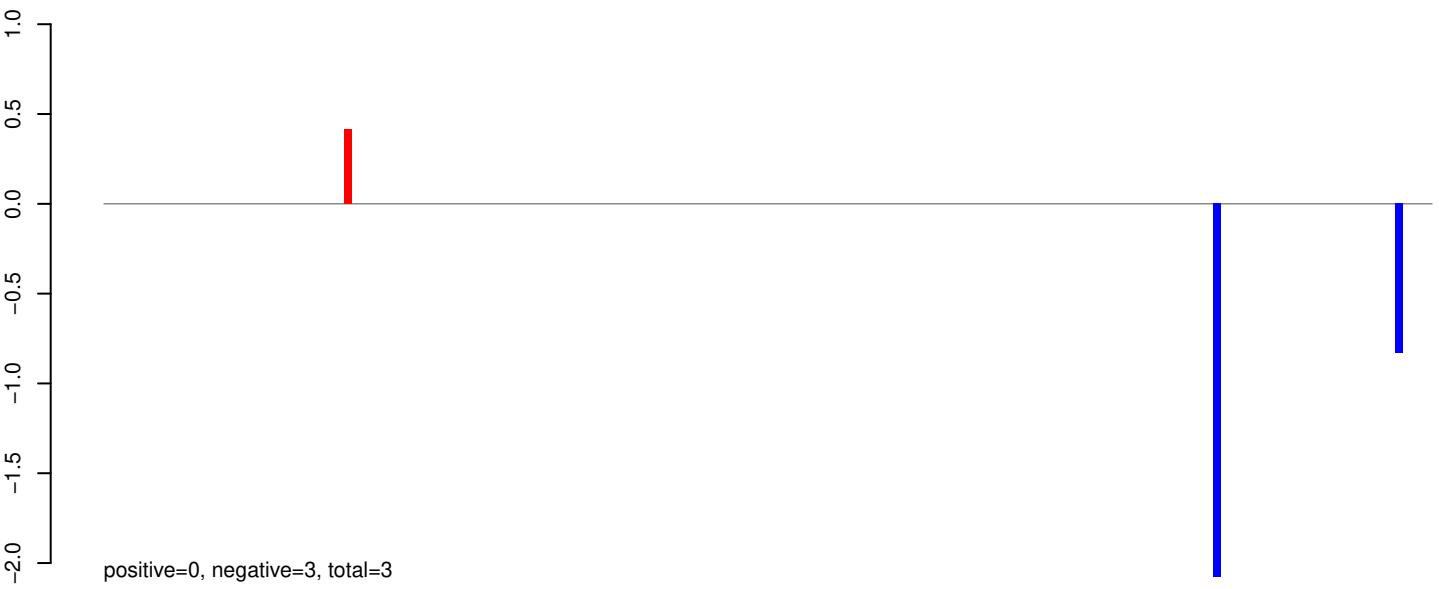
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



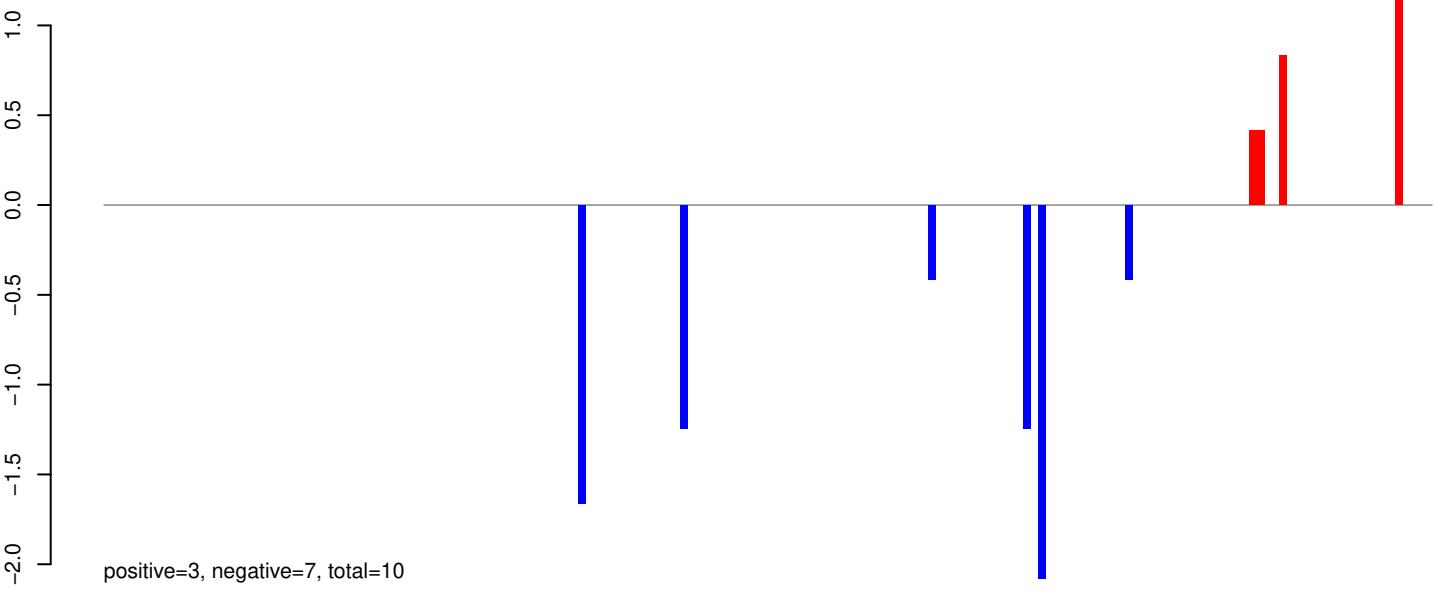
### AeAeg\_Whole\_sm\_r123\_JM.rep



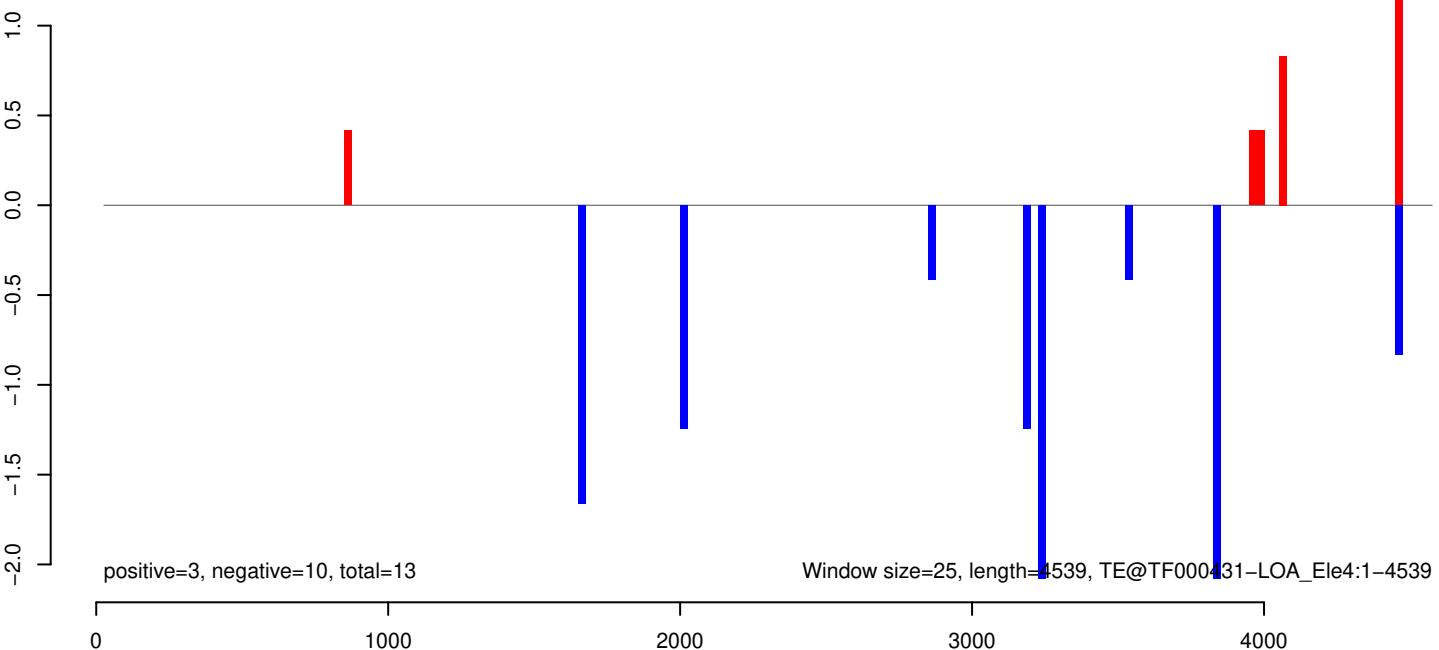
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



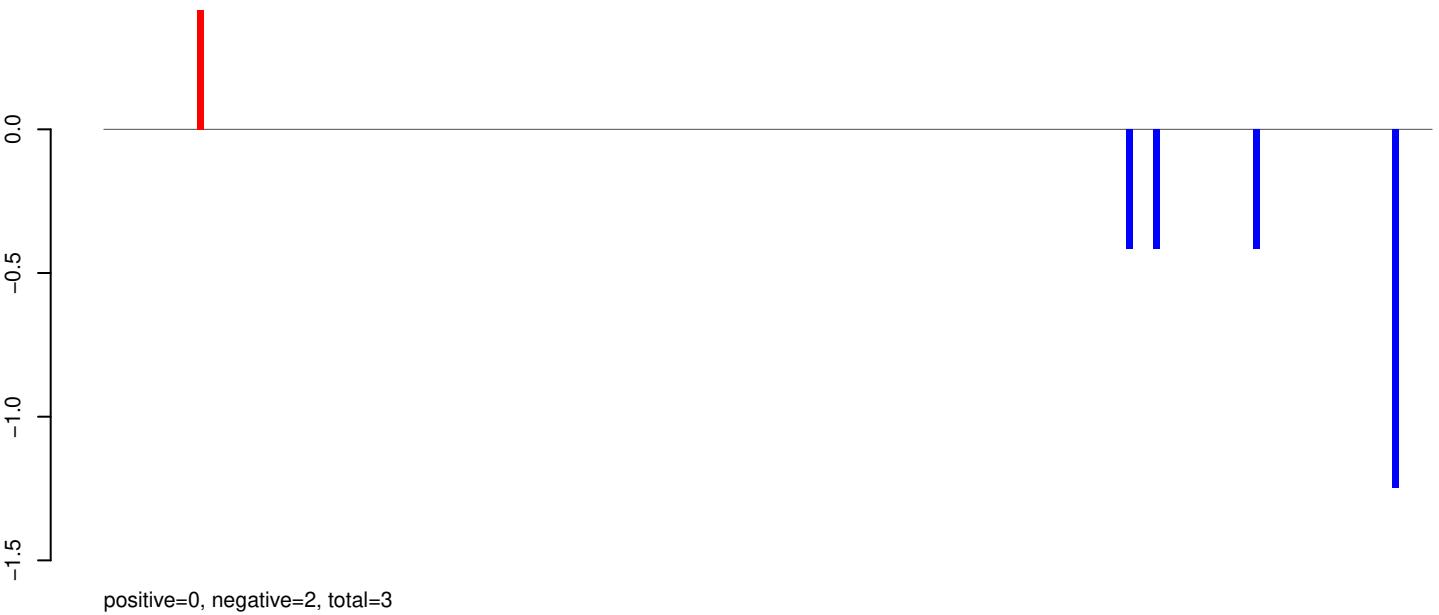
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



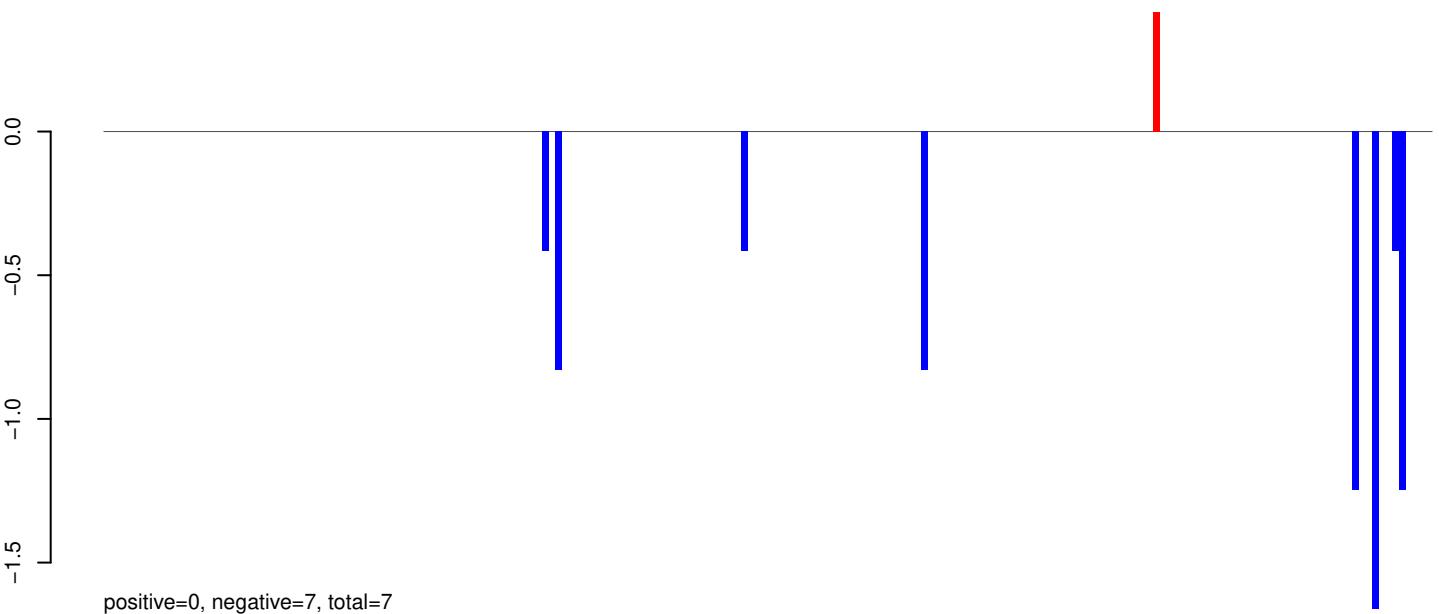
### AeAeg\_Whole\_sm\_r123\_JM.rep



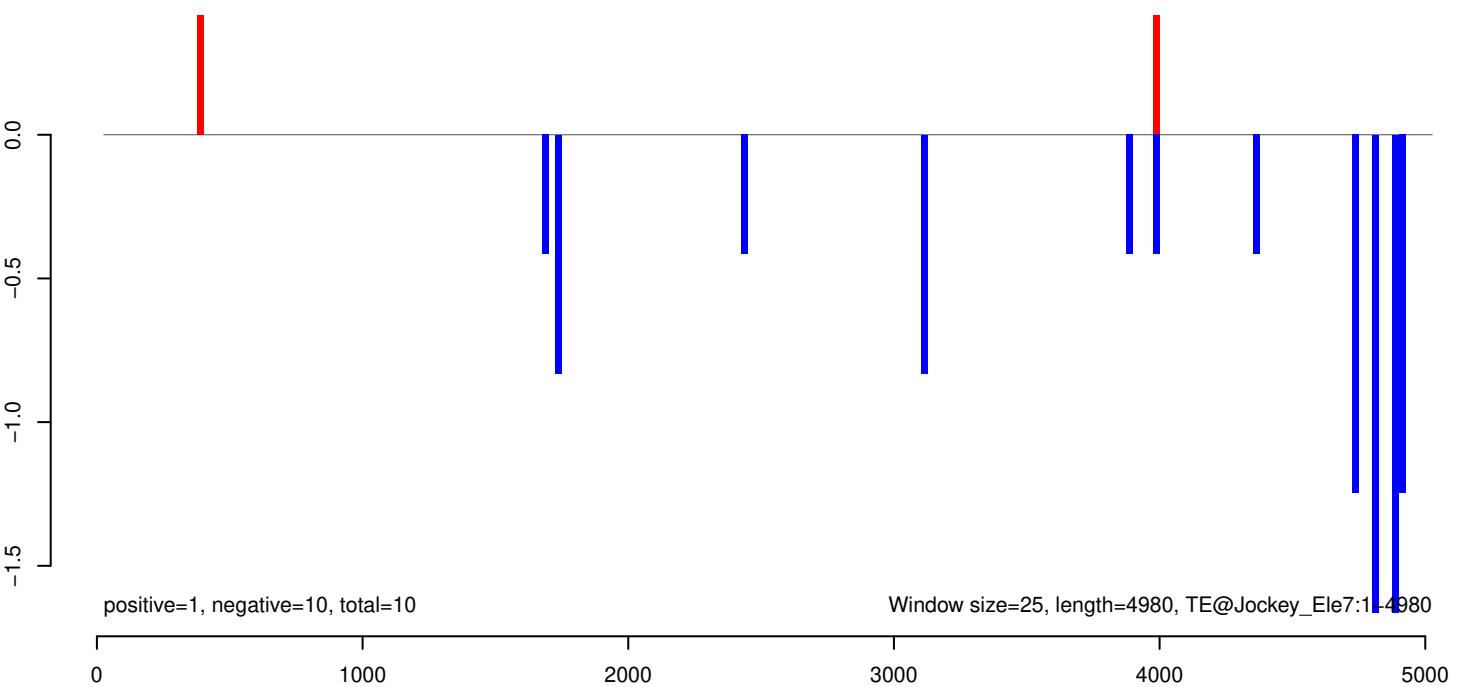
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



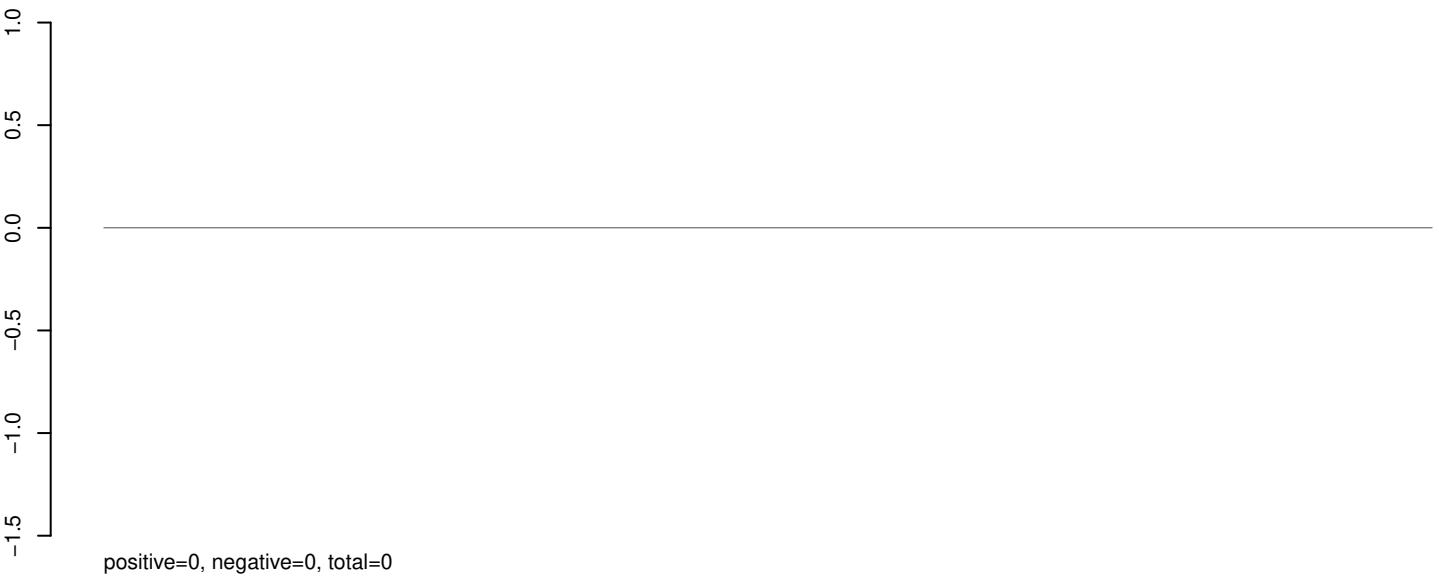
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



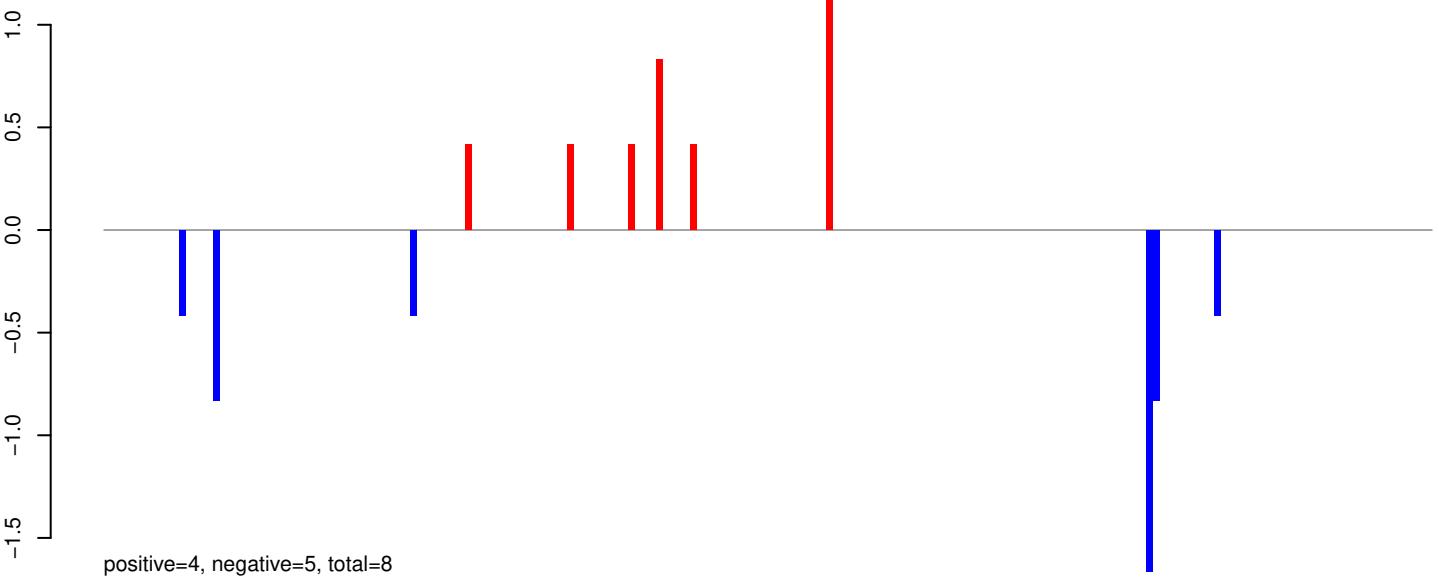
### AeAeg\_Whole\_sm\_r123\_JM.rep



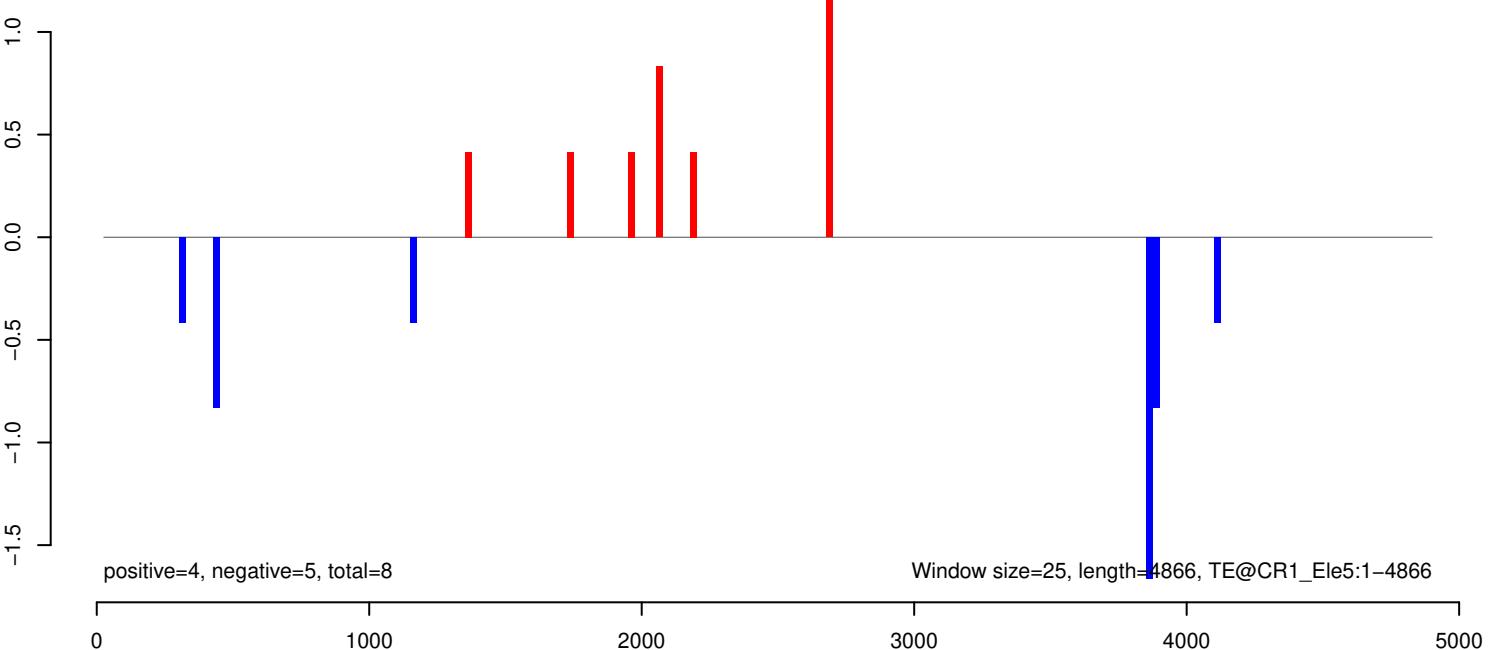
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



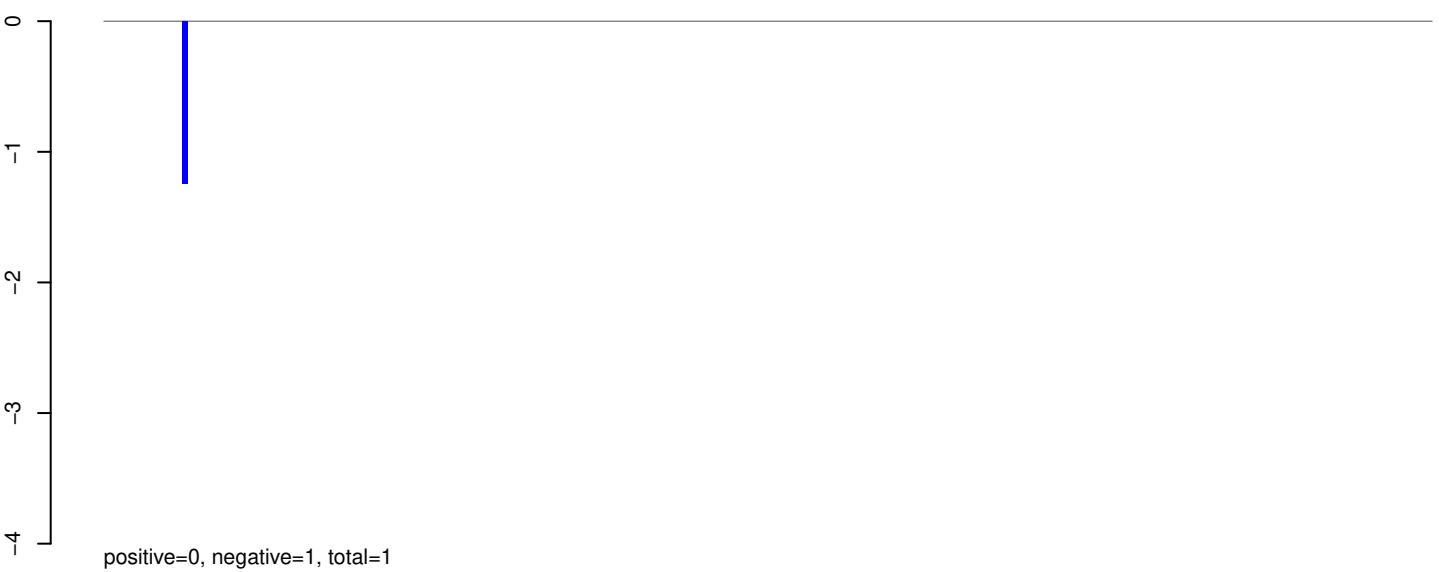
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



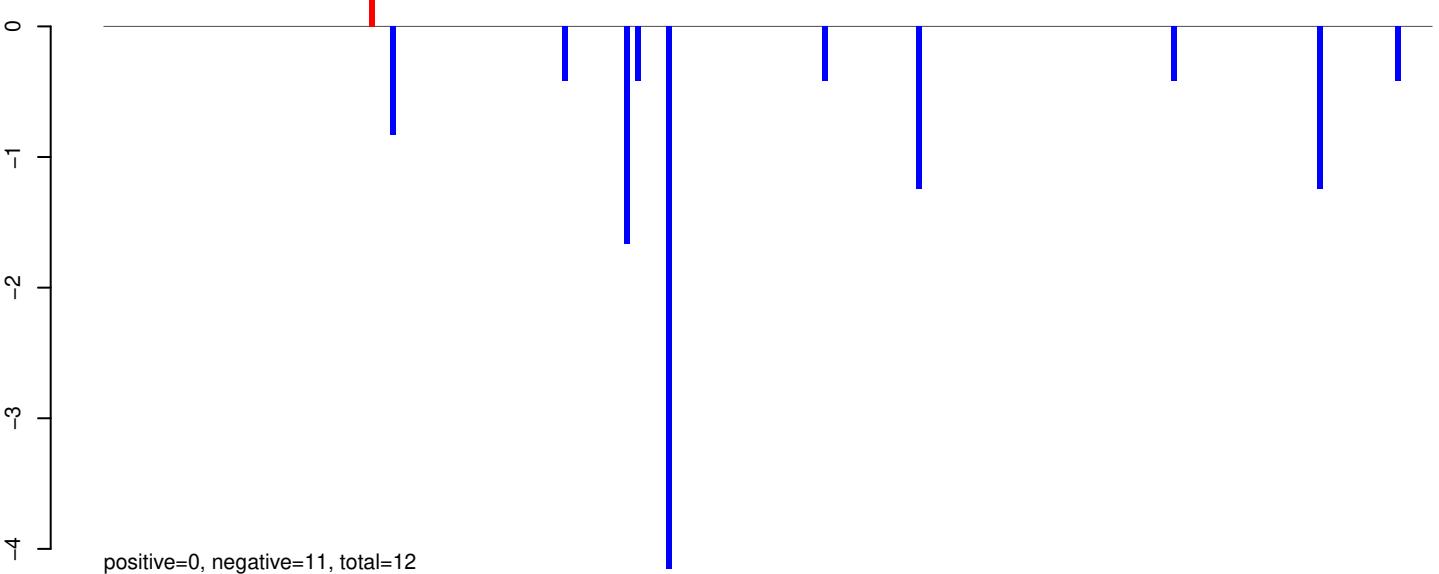
### AeAeg\_Whole\_sm\_r123\_JM.rep



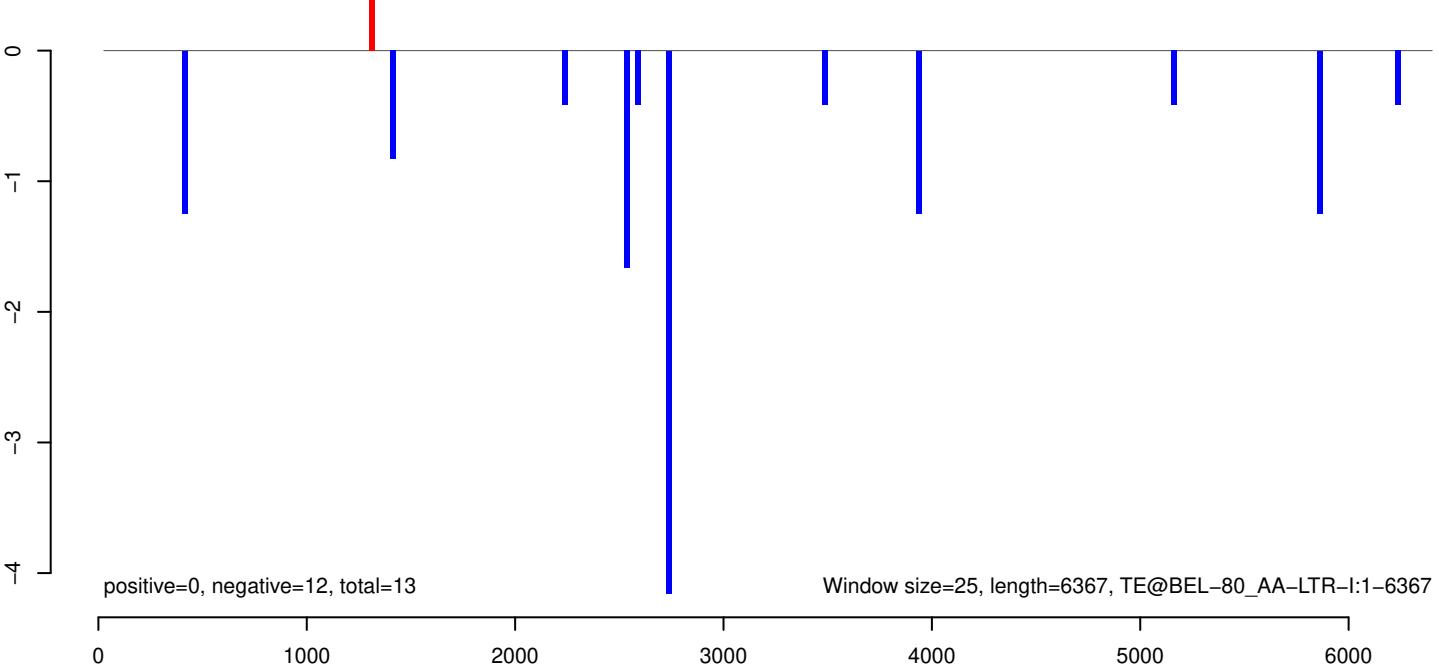
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



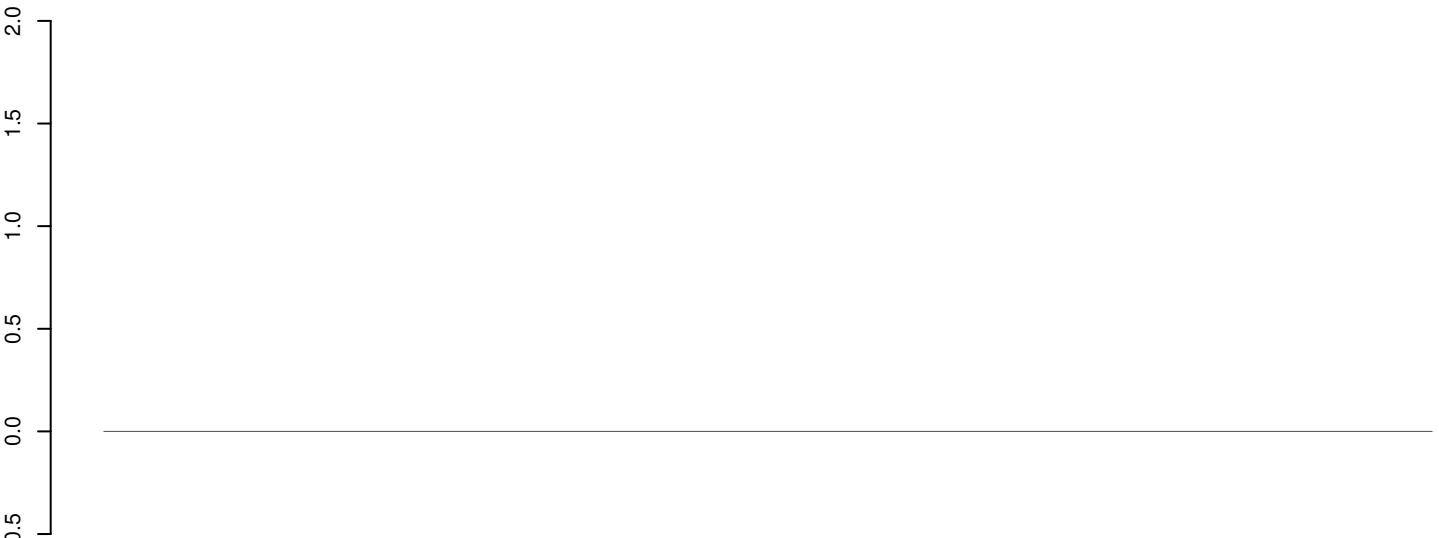
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



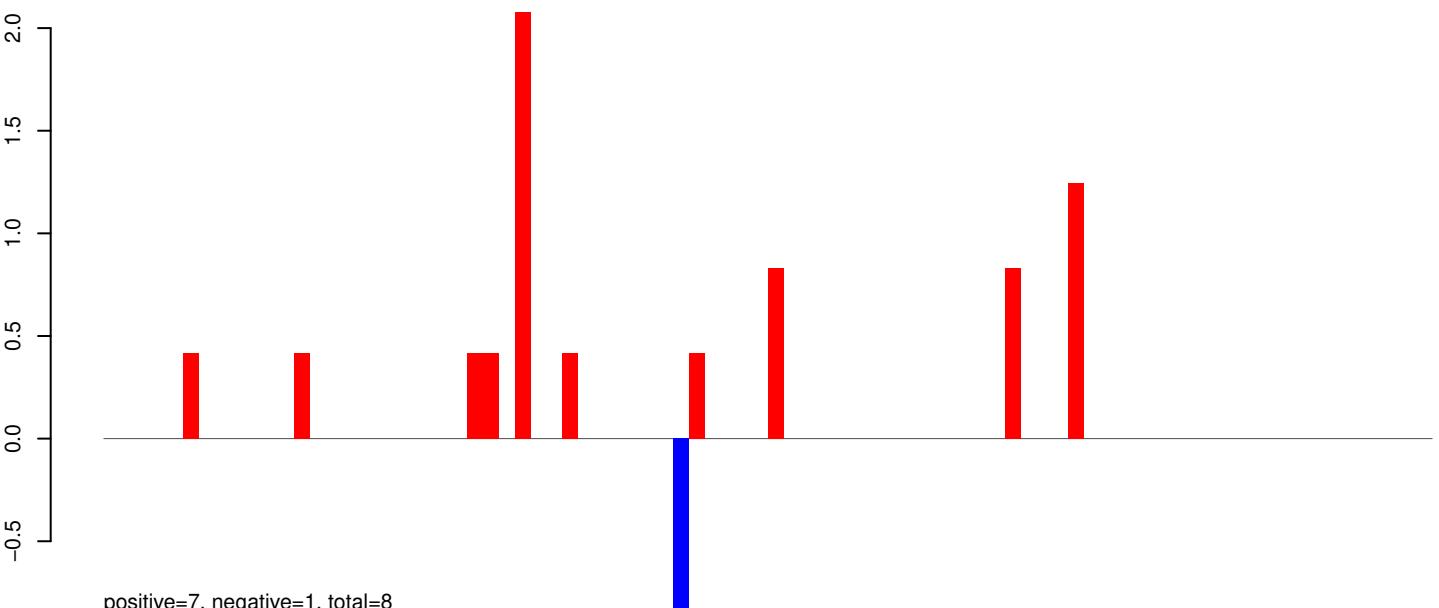
**AeAeg\_Whole\_sm\_r123\_JM.rep**



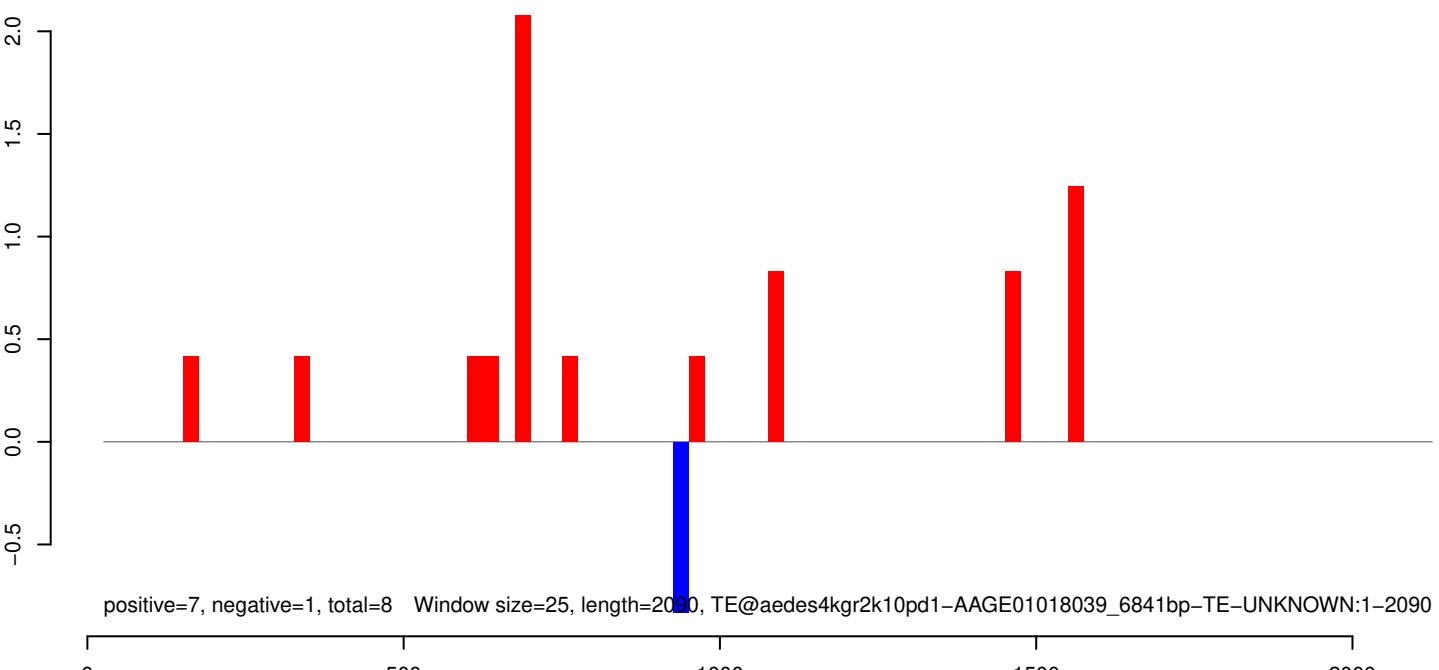
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



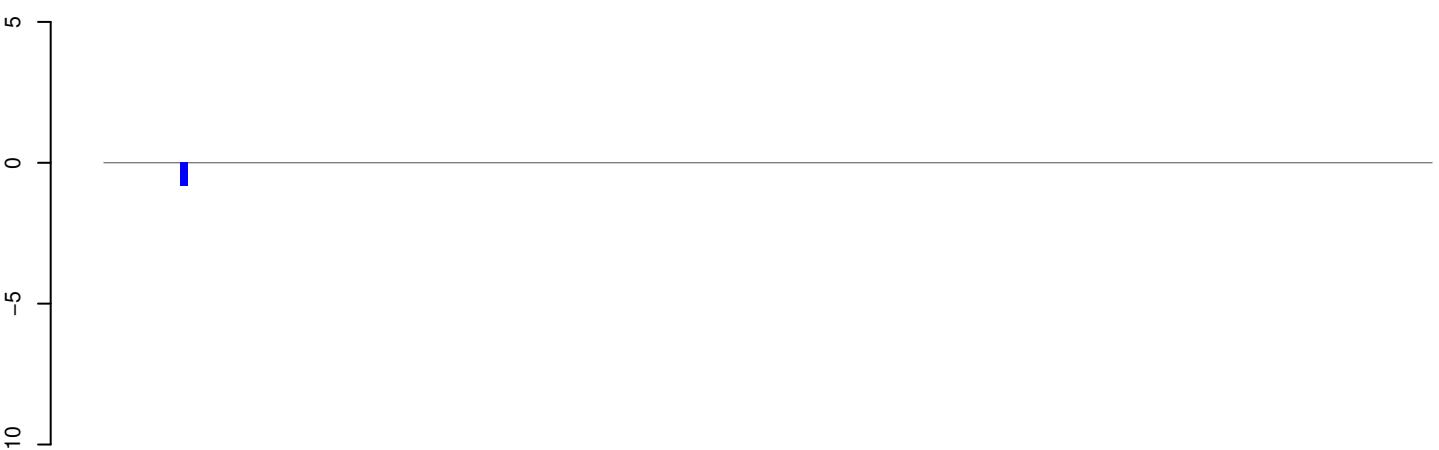
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

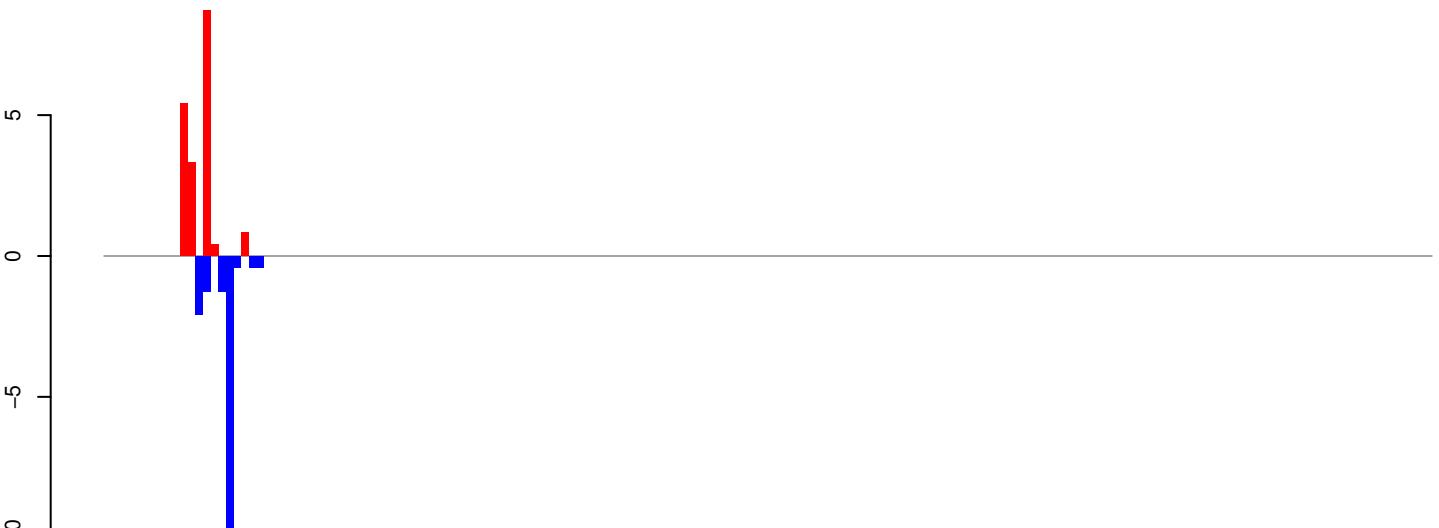


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



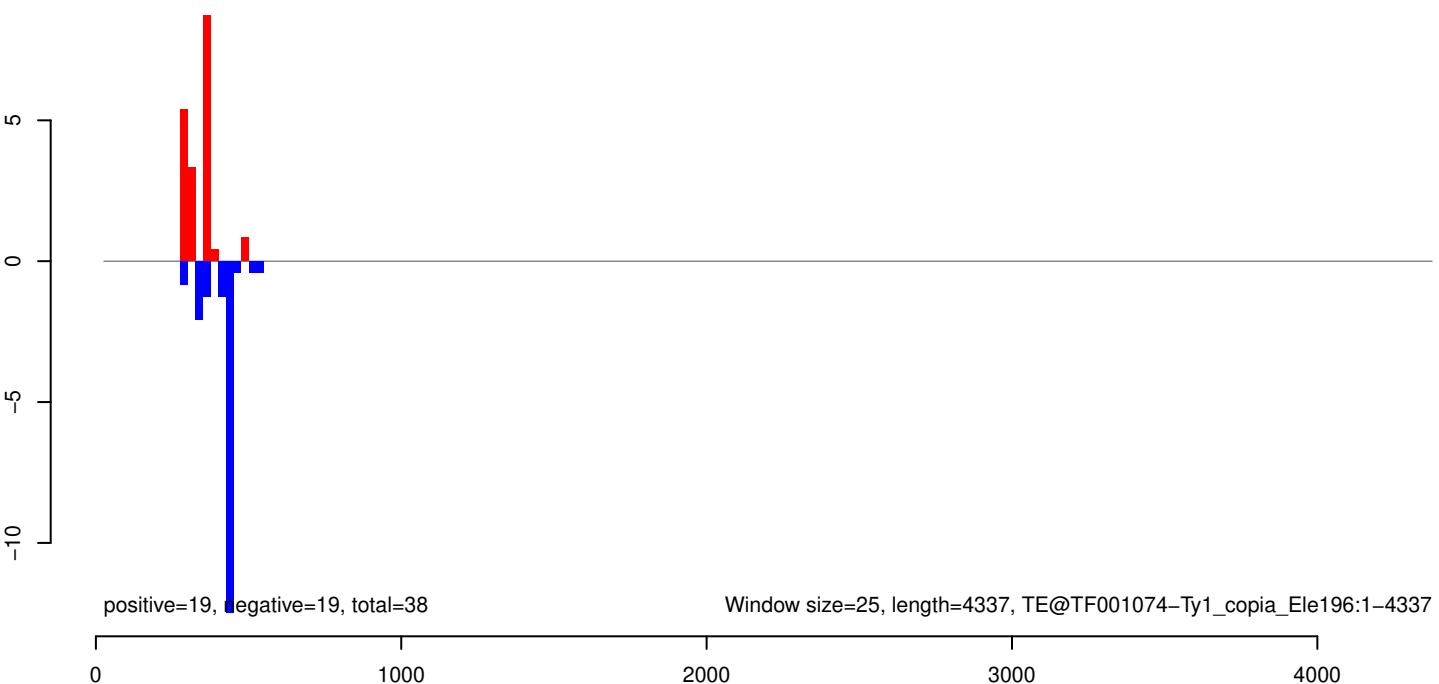
positive=0, negative=1, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=19, negative=18, total=37

**AeAeg\_Whole\_sm\_r123\_JM.rep**

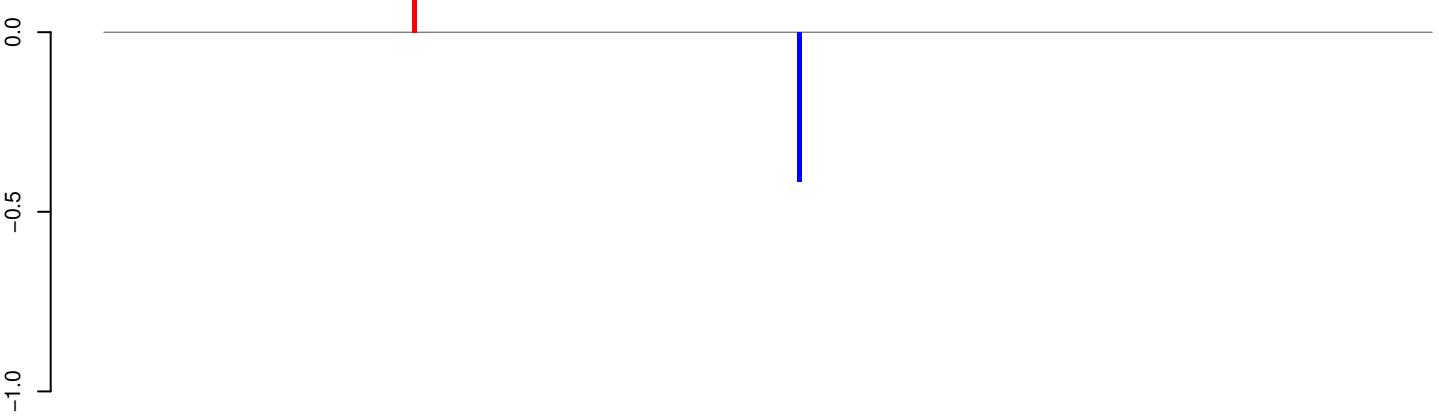


positive=19, negative=19, total=38

Window size=25, length=4337, TE@TF001074-Ty1\_copia\_Ele196:1-4337

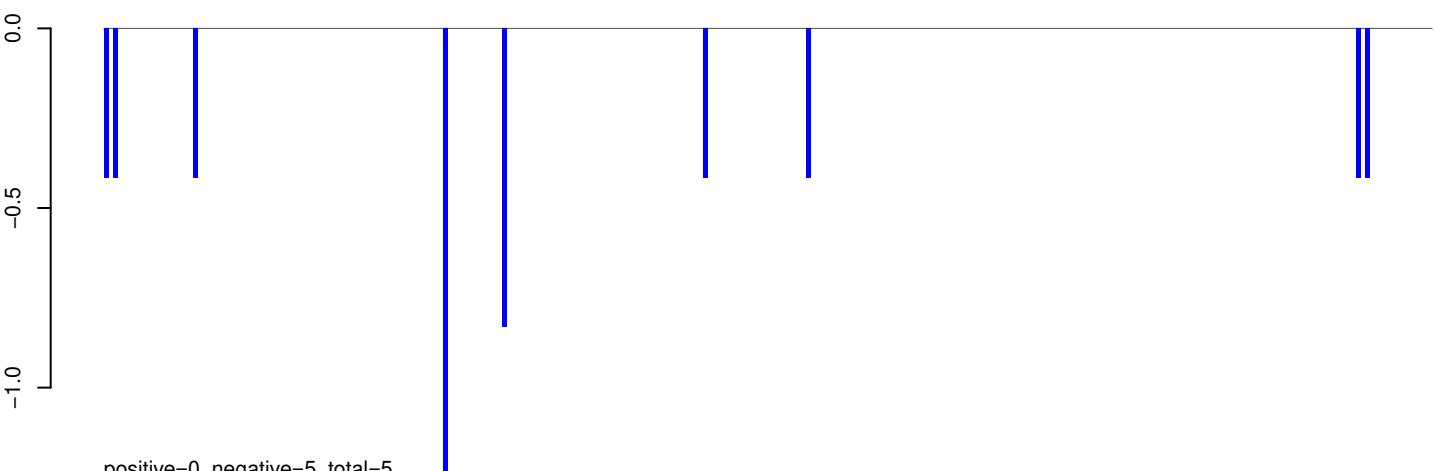
0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



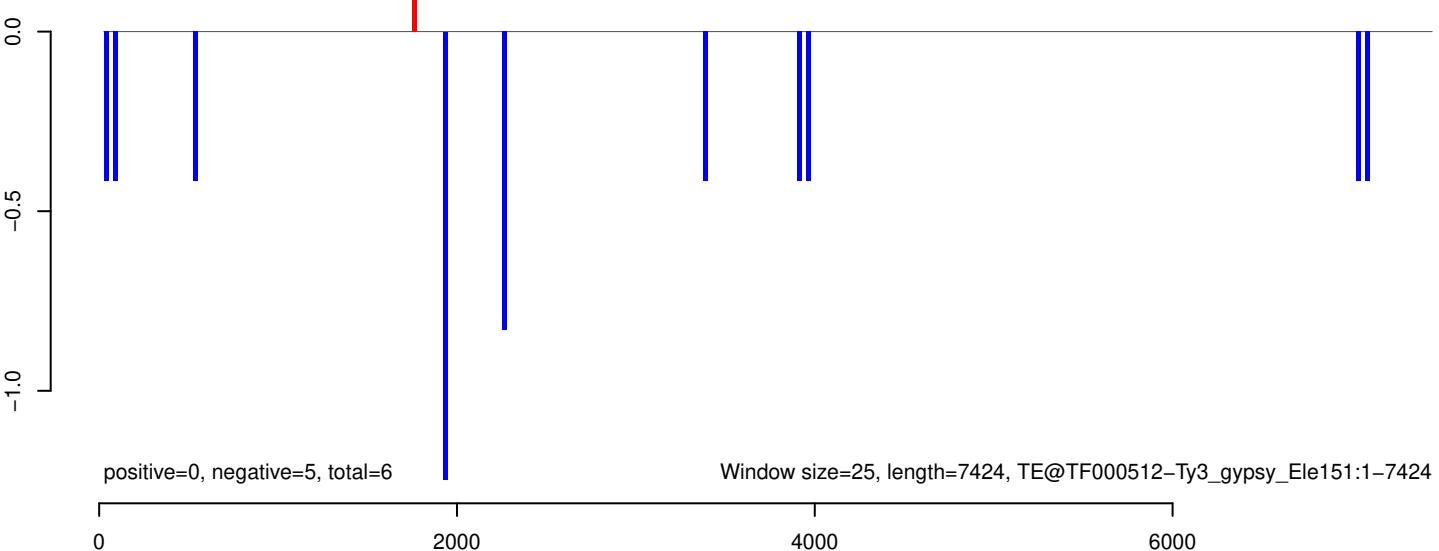
positive=0, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=5, total=5

**AeAeg\_Whole\_sm\_r123\_JM.rep**

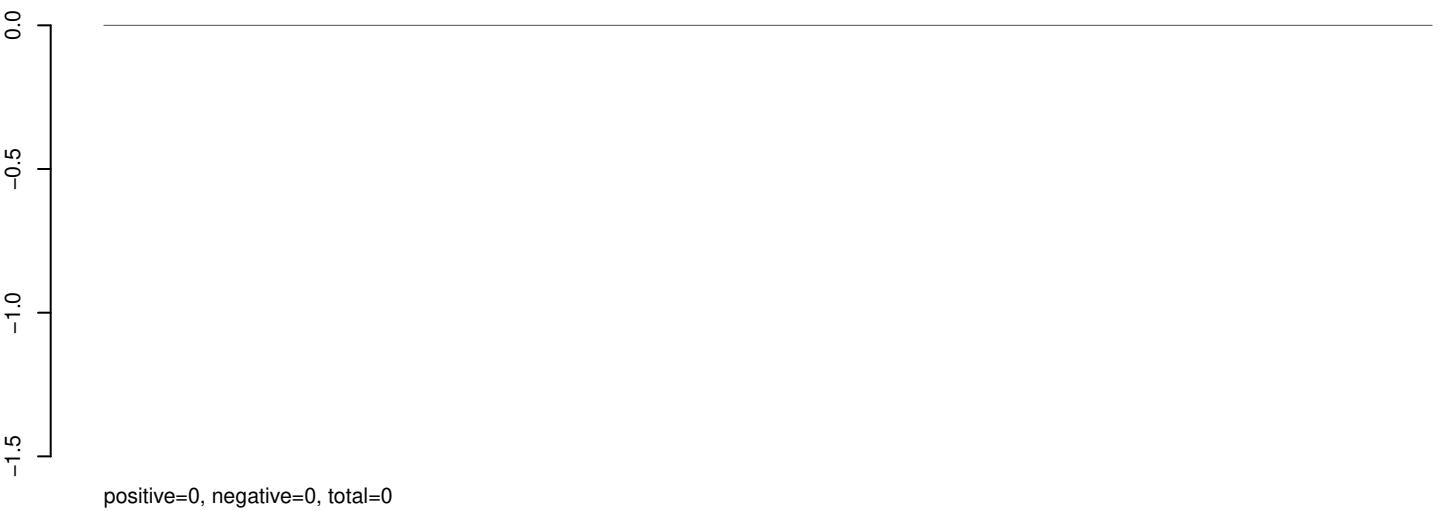


positive=0, negative=5, total=6

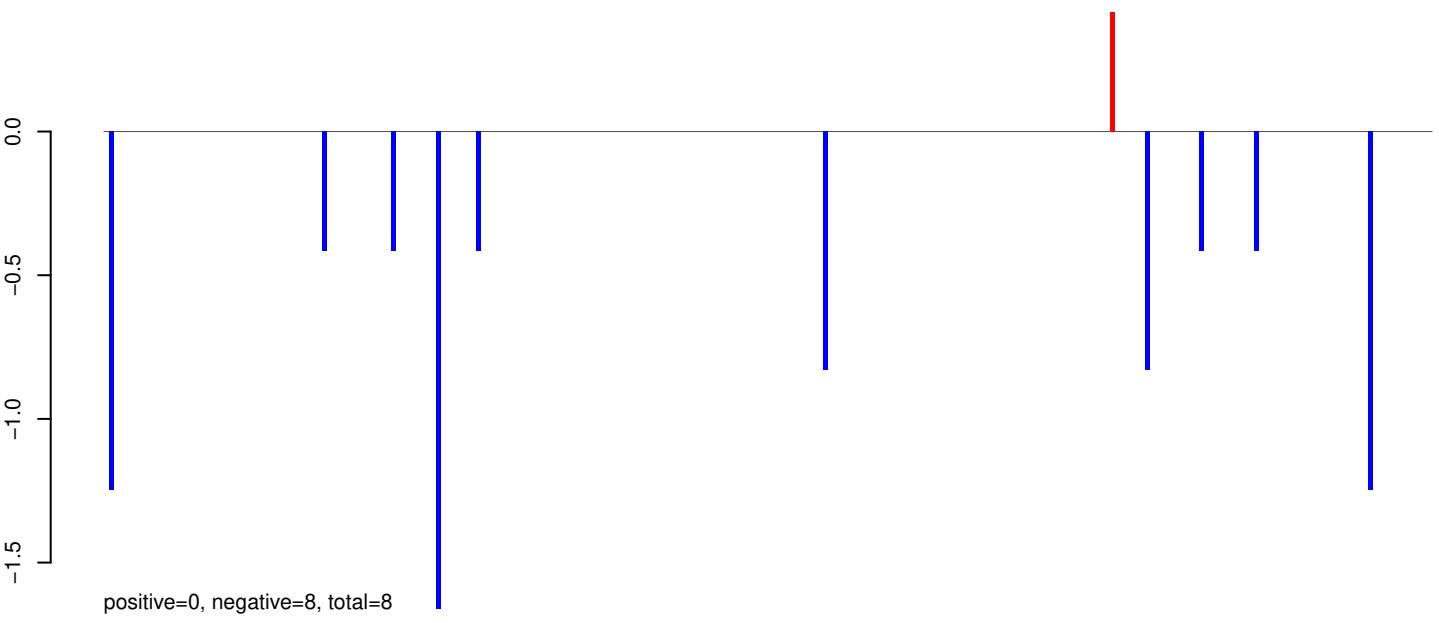
Window size=25, length=7424, TE@TF000512-Ty3\_gypsy\_Ele151:1-7424

0 2000 4000 6000

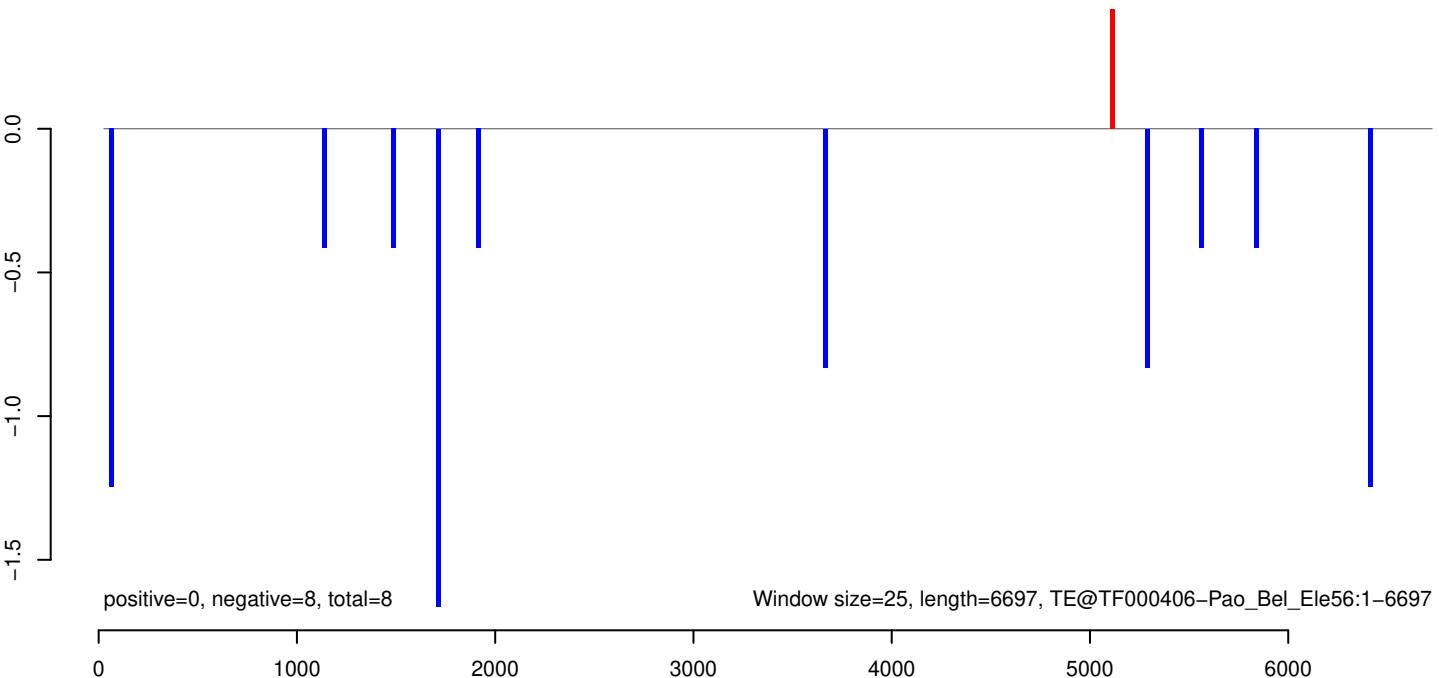
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



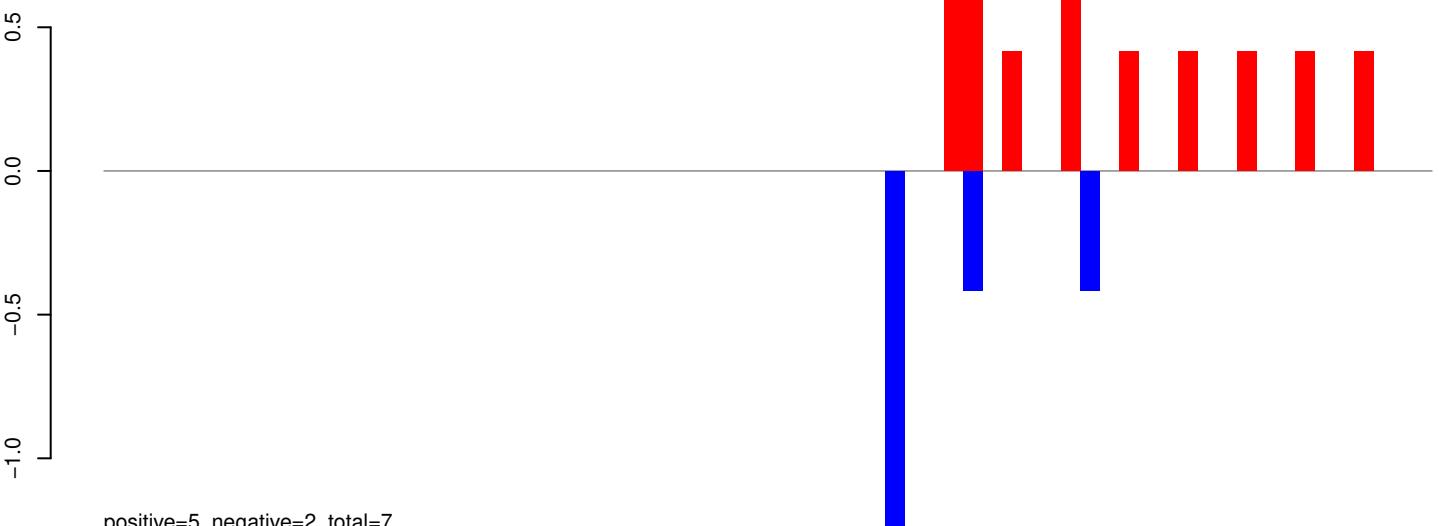
**AeAeg\_Whole\_sm\_r123\_JM.rep**



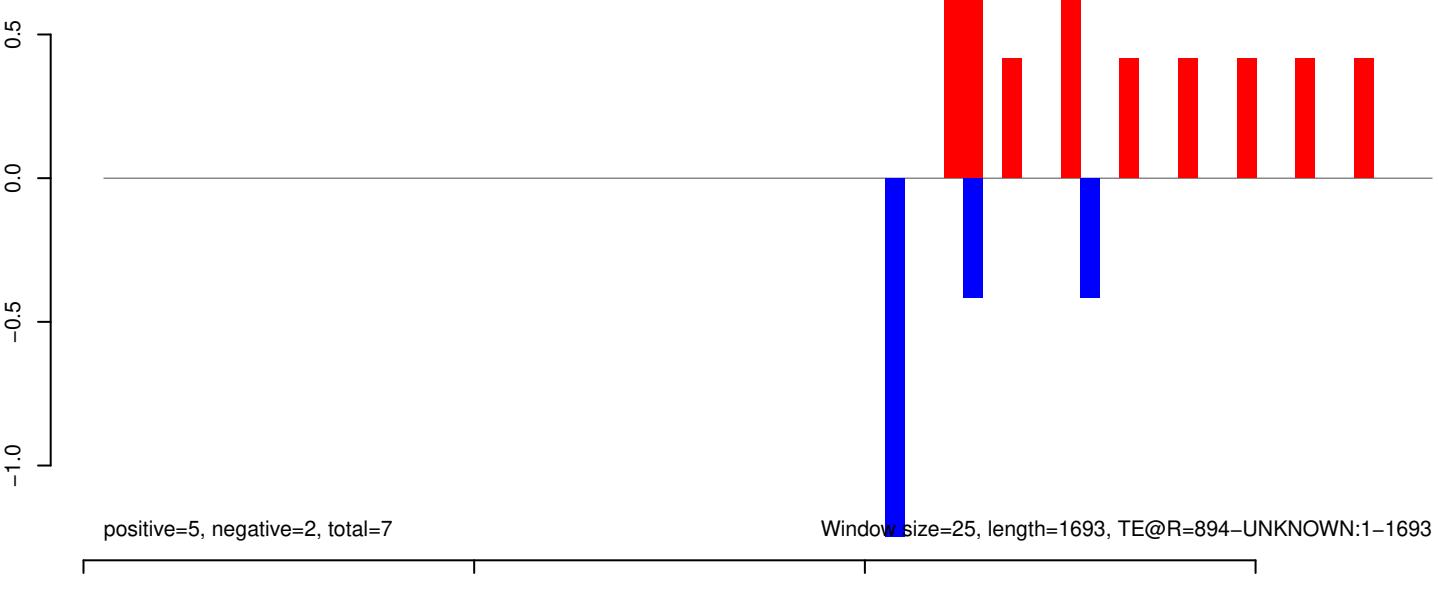
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=3

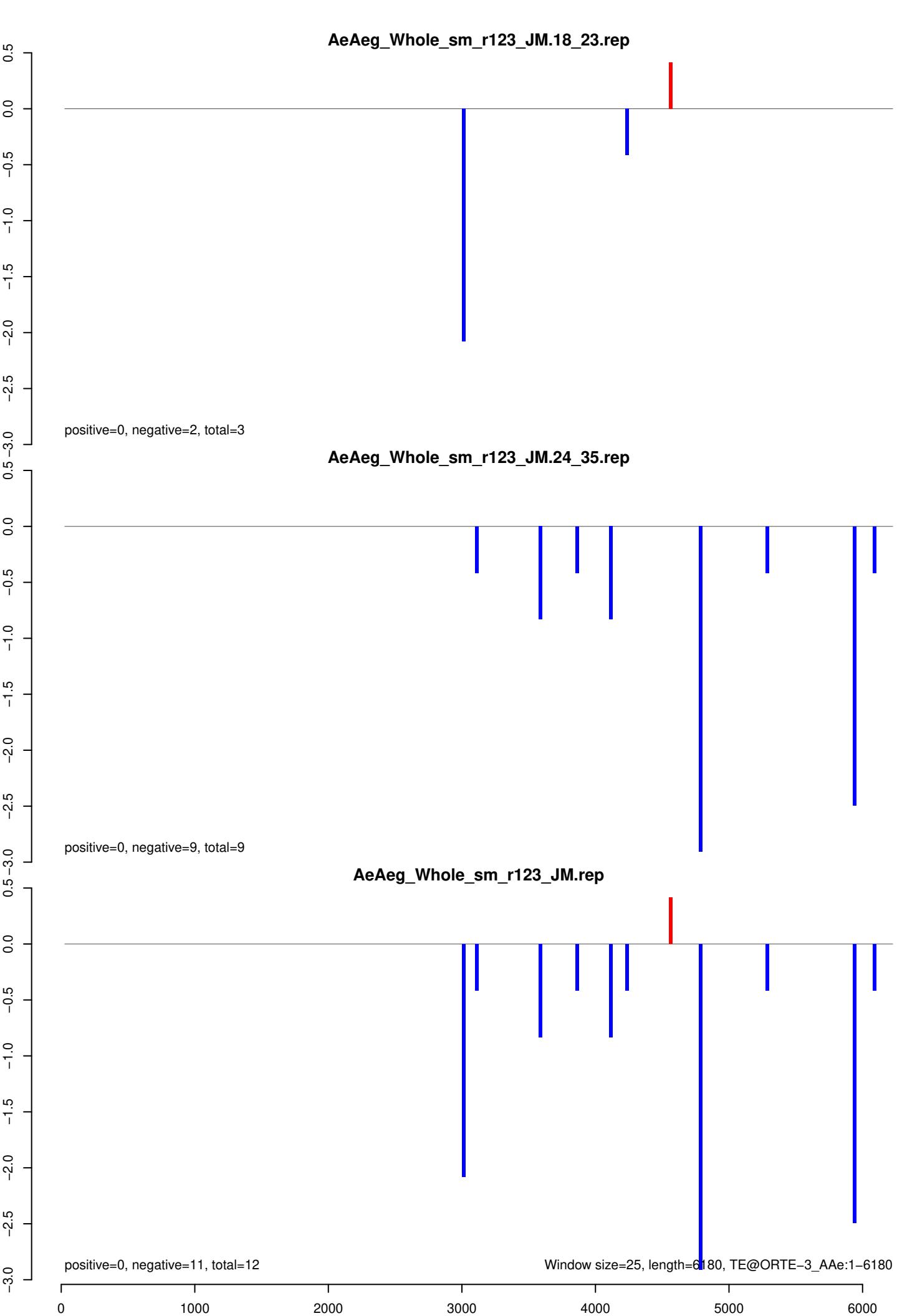
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=9, total=9

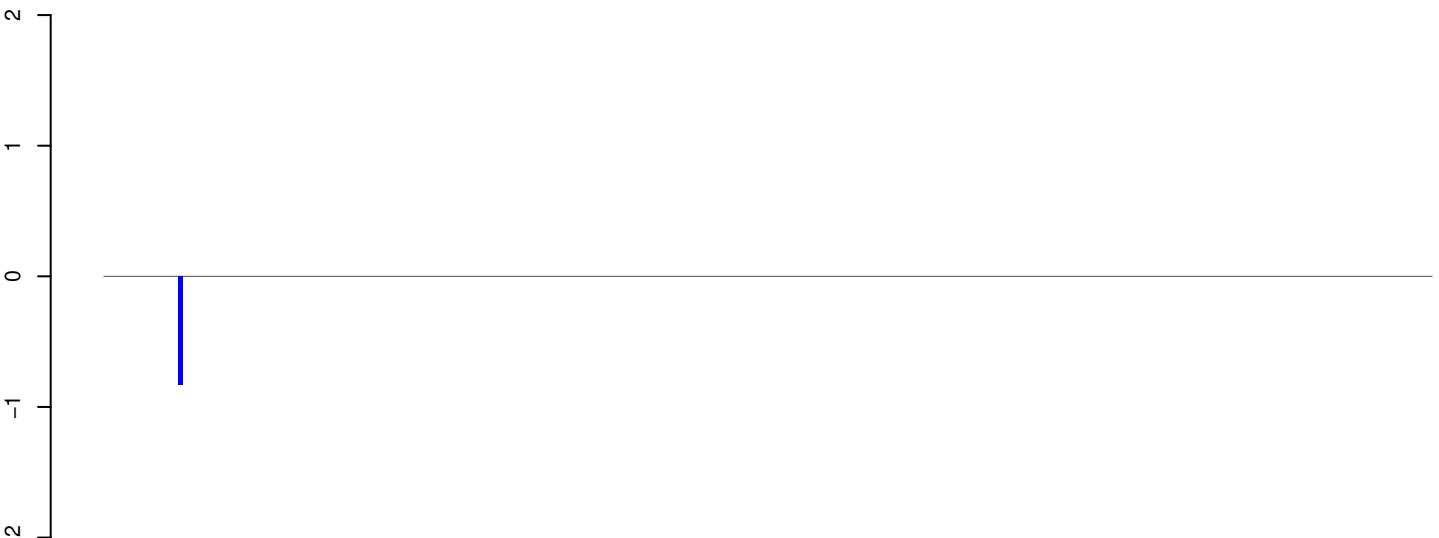
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=11, total=12

Window size=25, length=6180, TE@ORTE-3\_AAe:1-6180

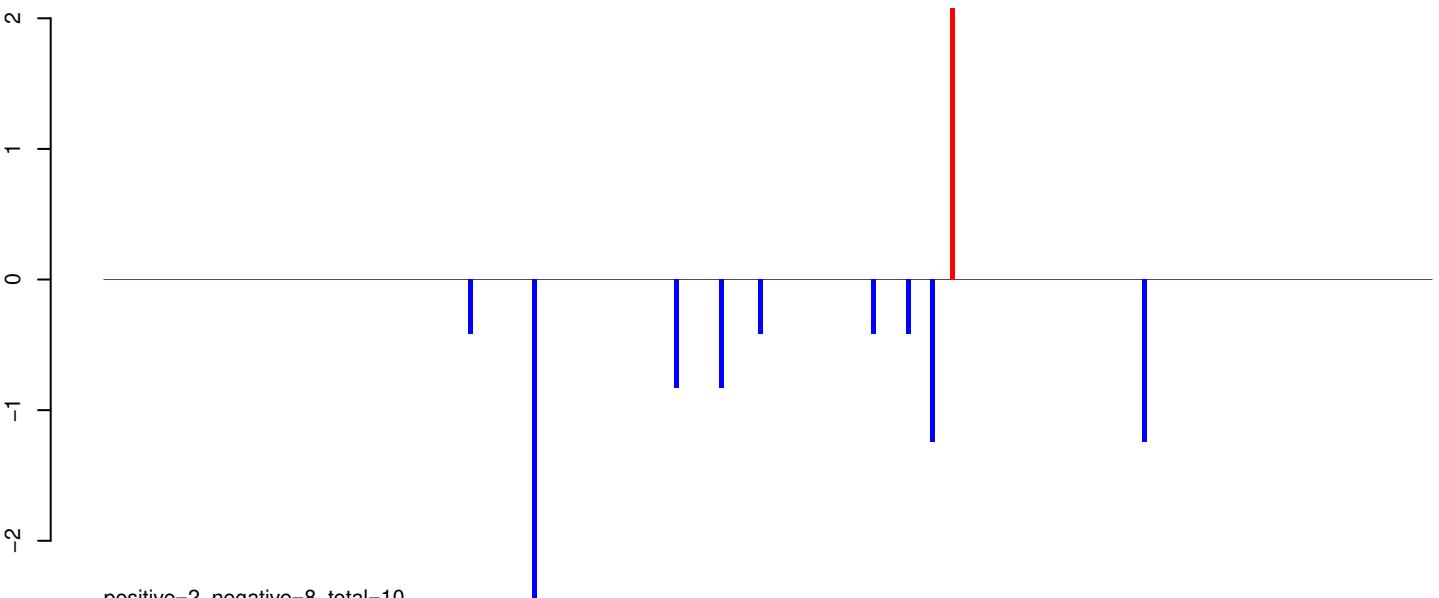


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



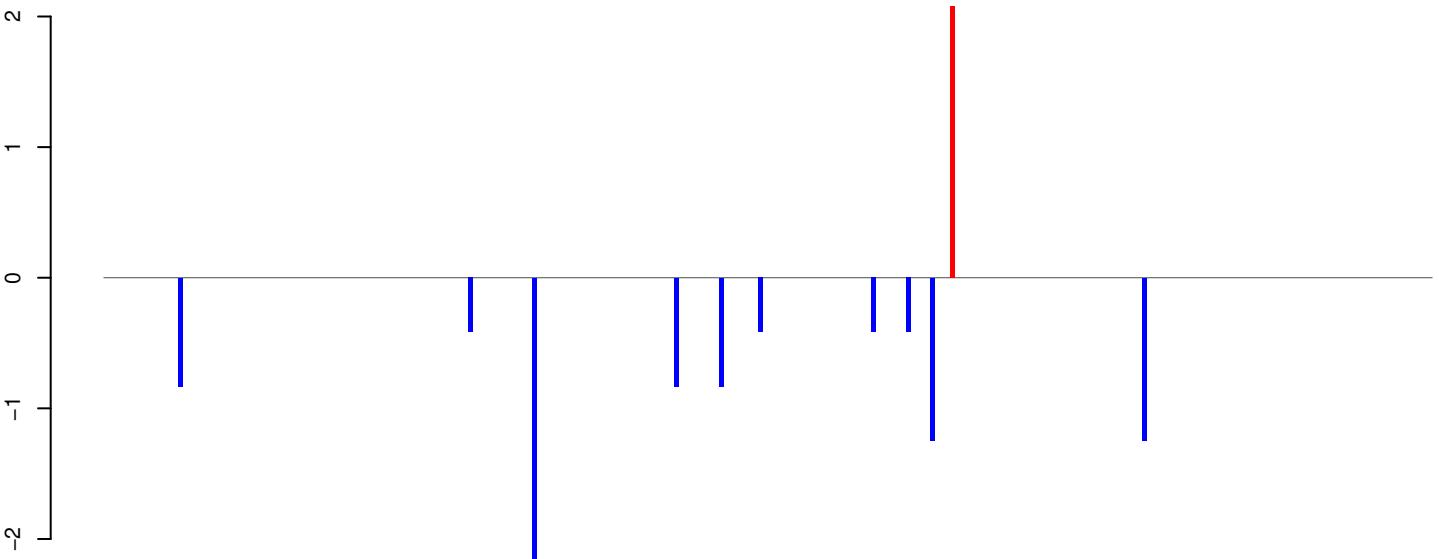
positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=2, negative=8, total=10

### AeAeg\_Whole\_sm\_r123\_JM.rep

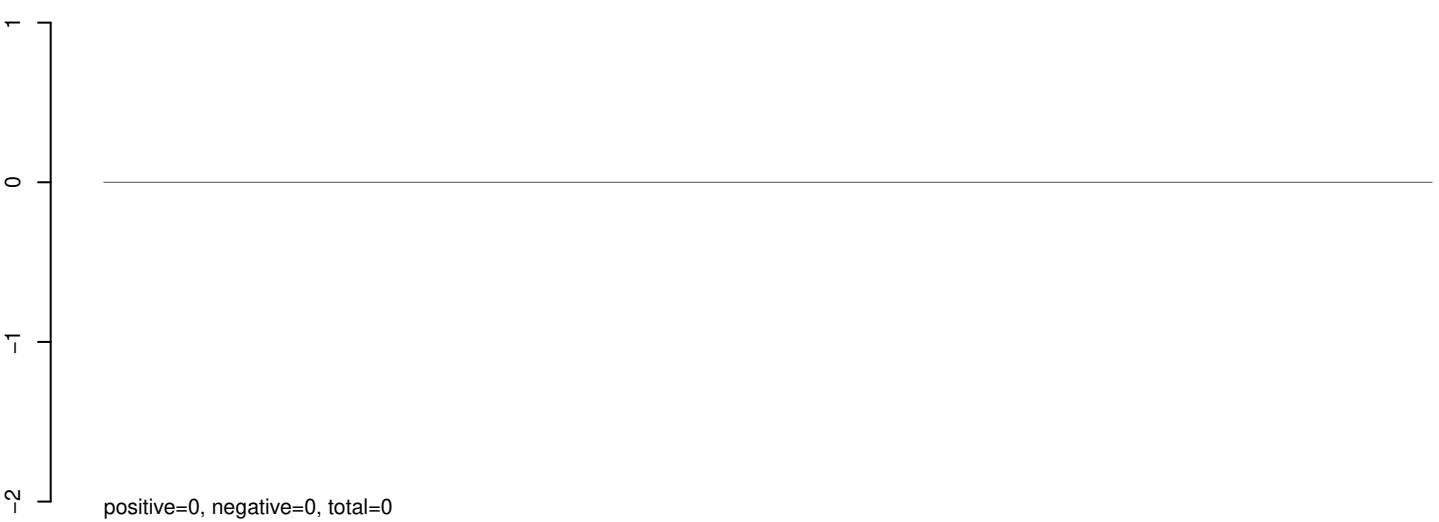


positive=2, negative=9, total=11

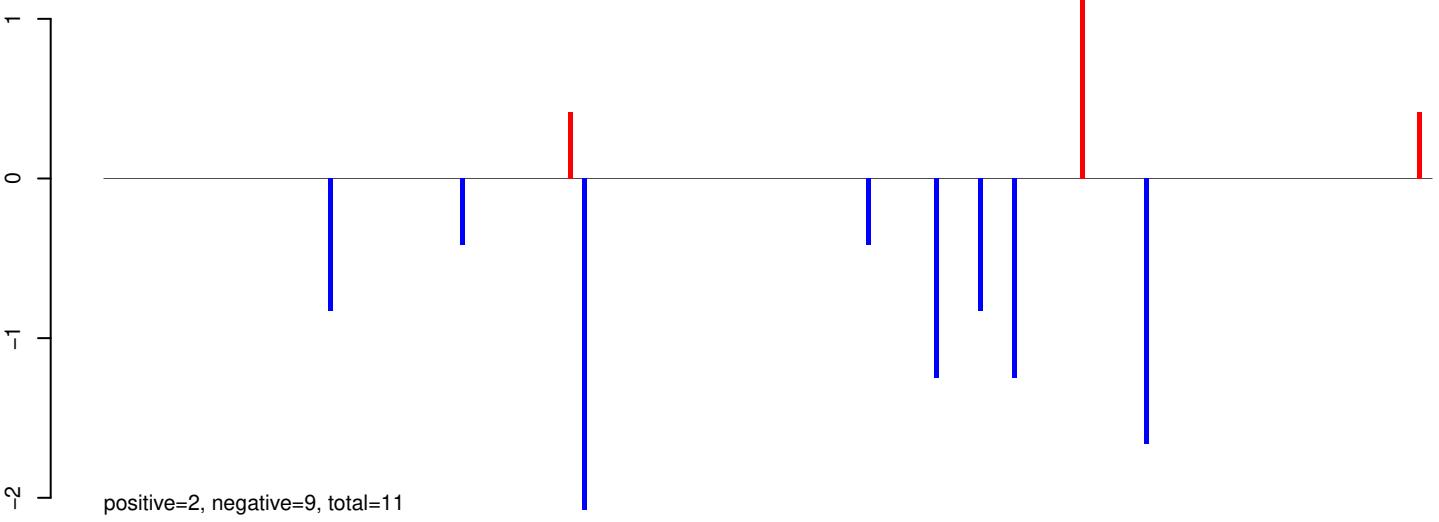
Window size=25, length=6747, TE@I-49\_AAe:1-6747

0 1000 2000 3000 4000 5000 6000 7000

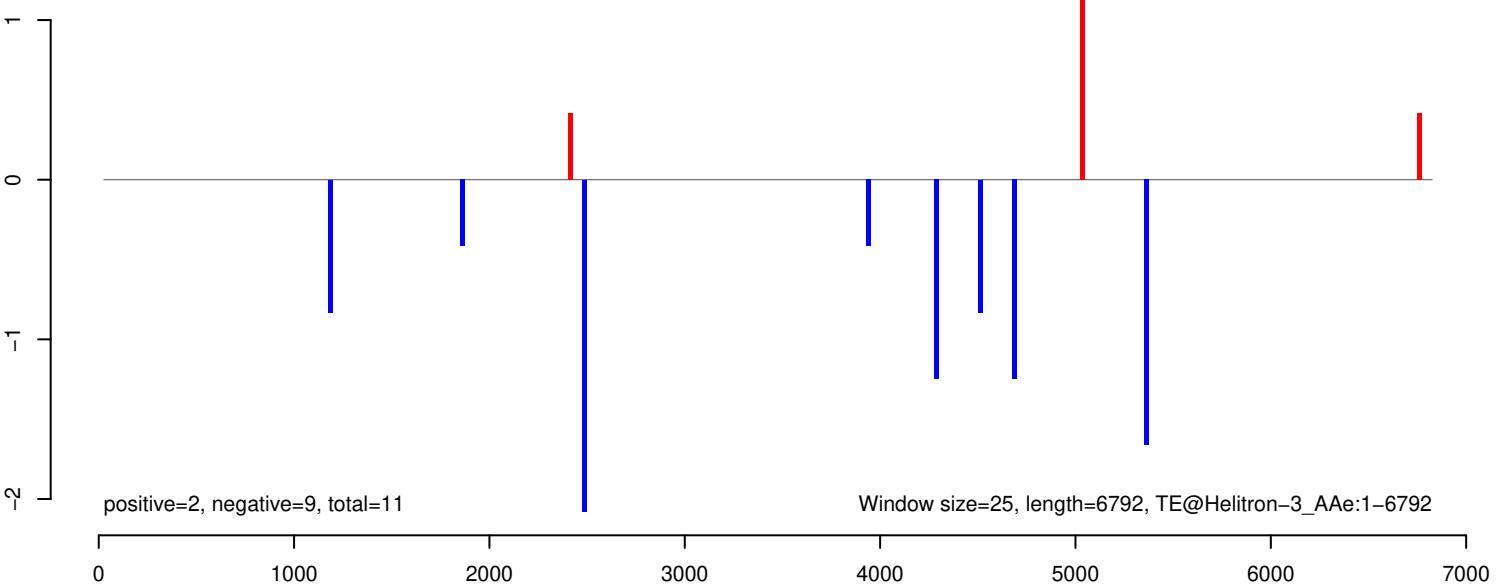
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



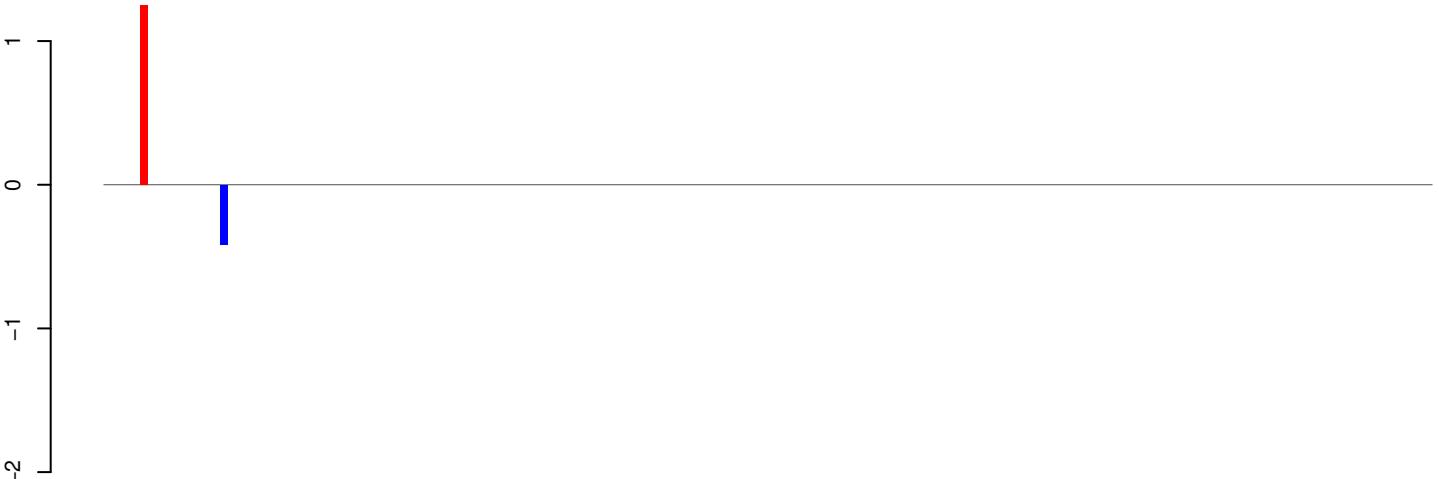
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



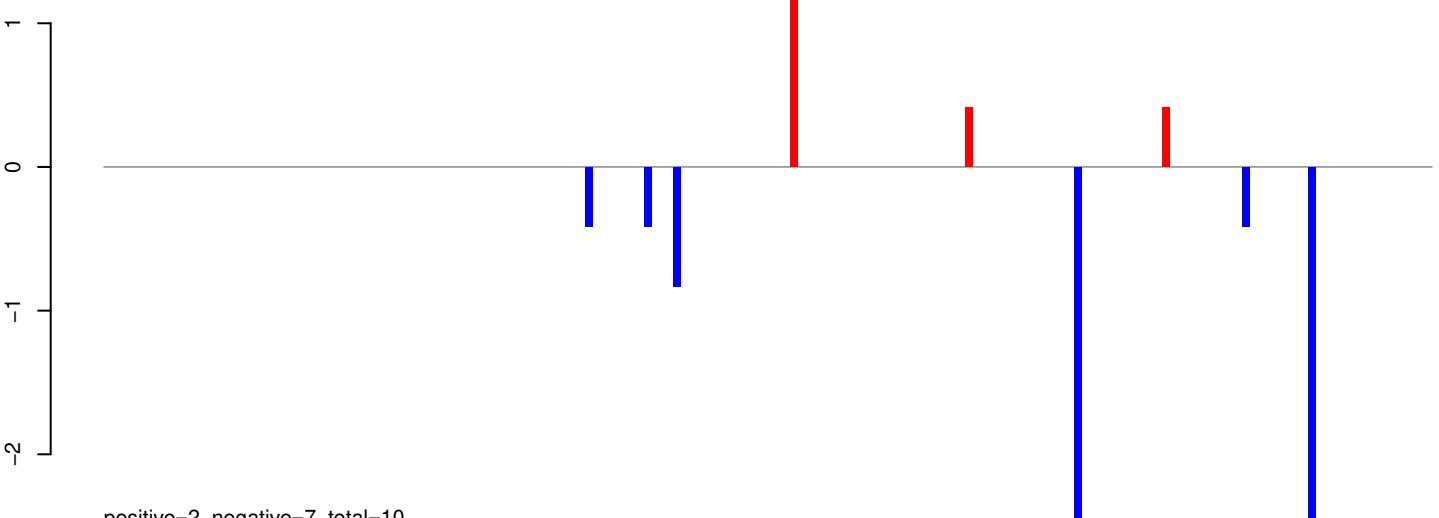
**AeAeg\_Whole\_sm\_r123\_JM.rep**



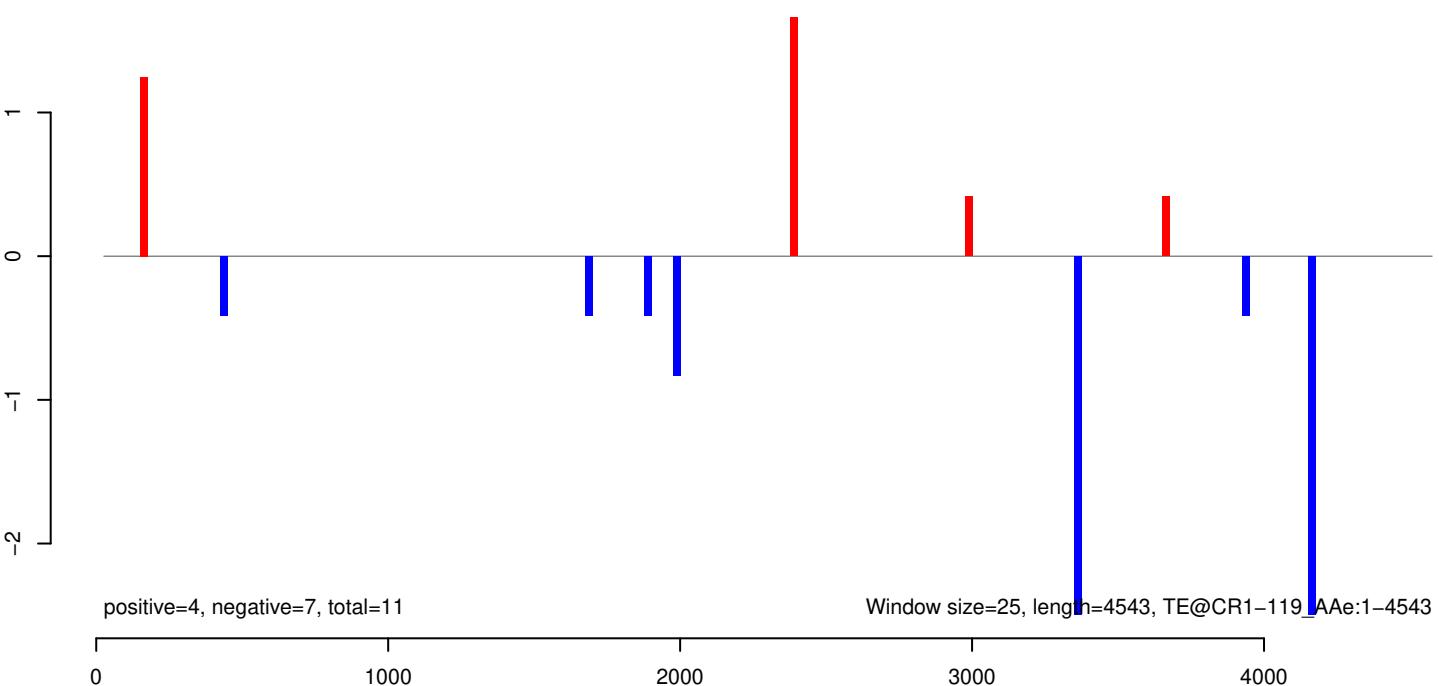
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



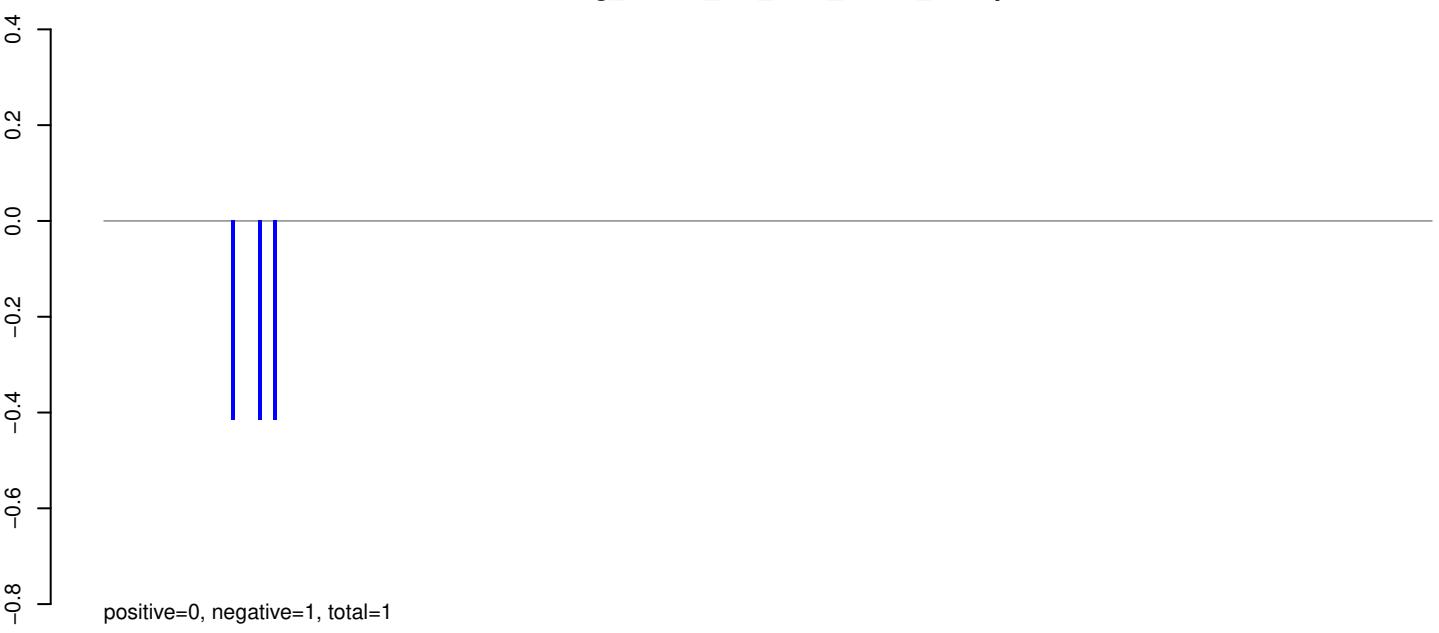
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



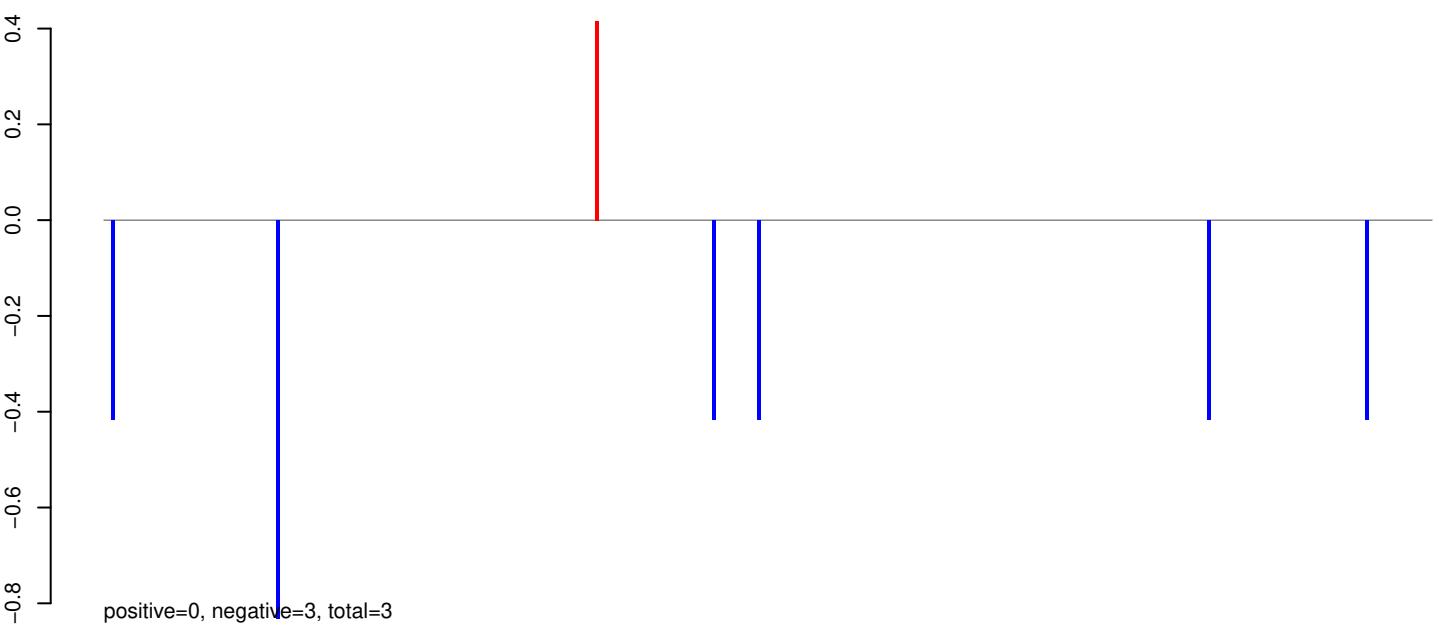
**AeAeg\_Whole\_sm\_r123\_JM.rep**



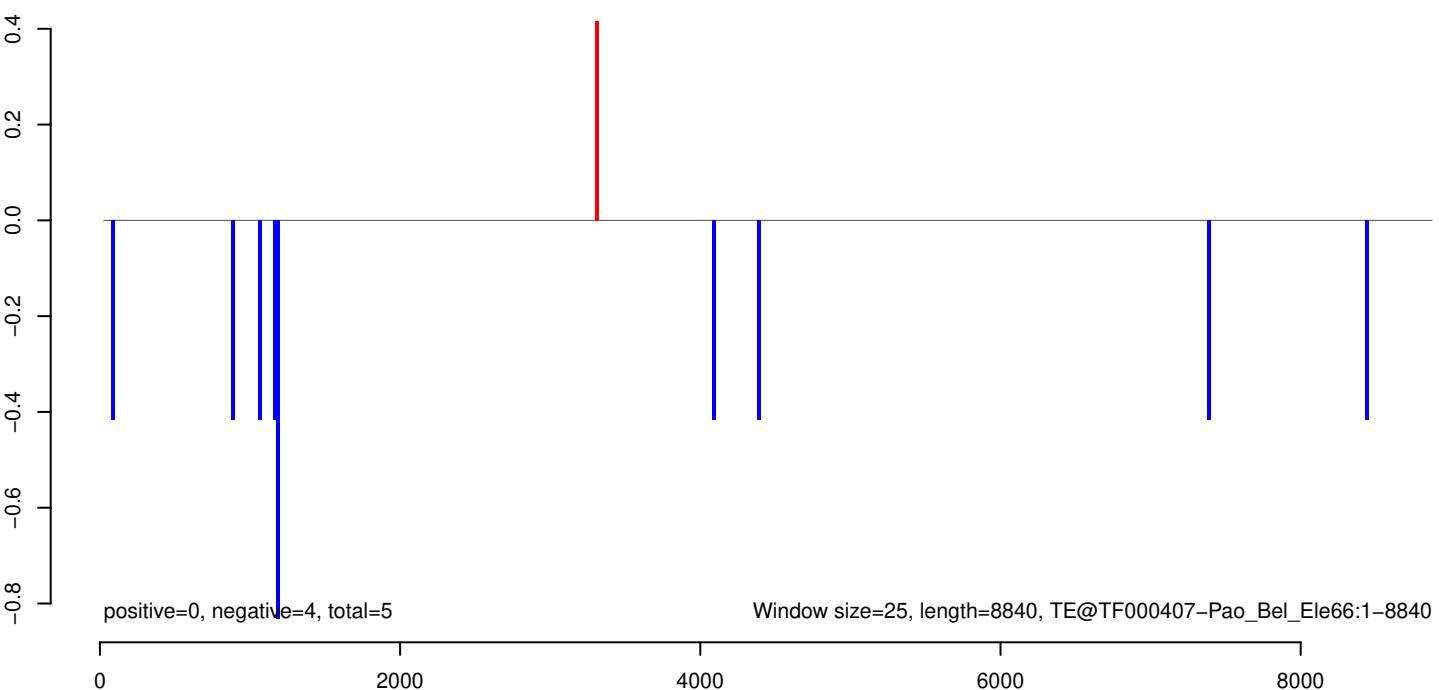
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



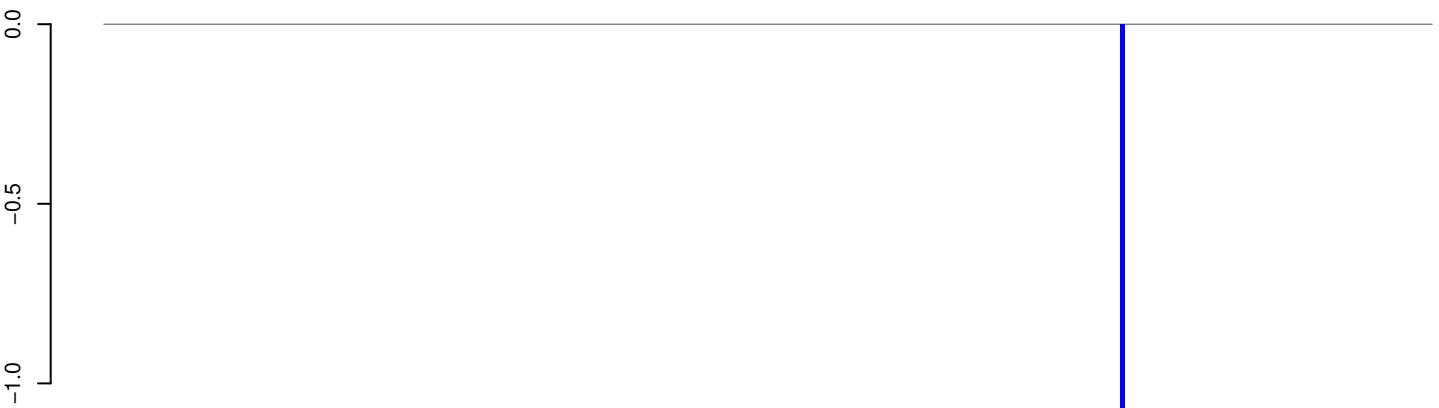
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

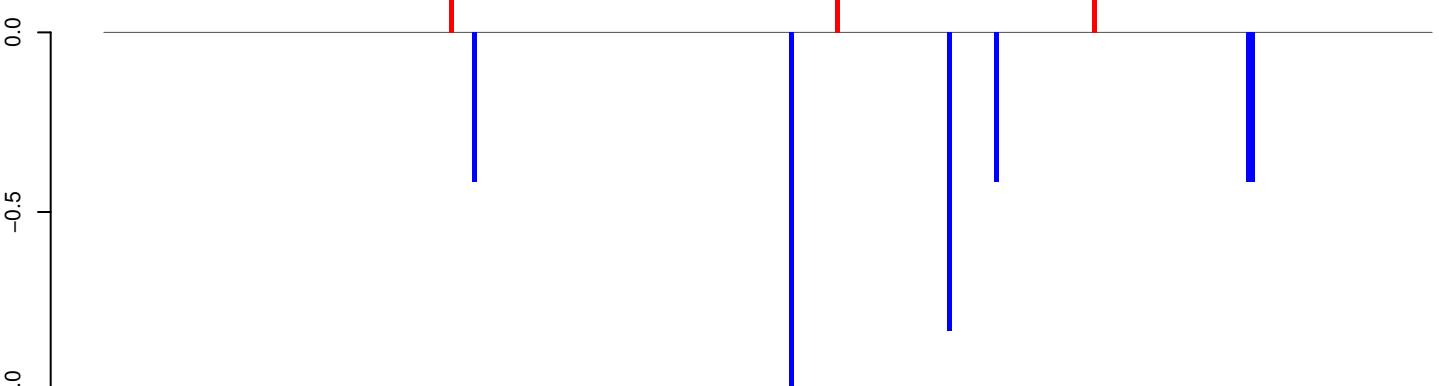


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



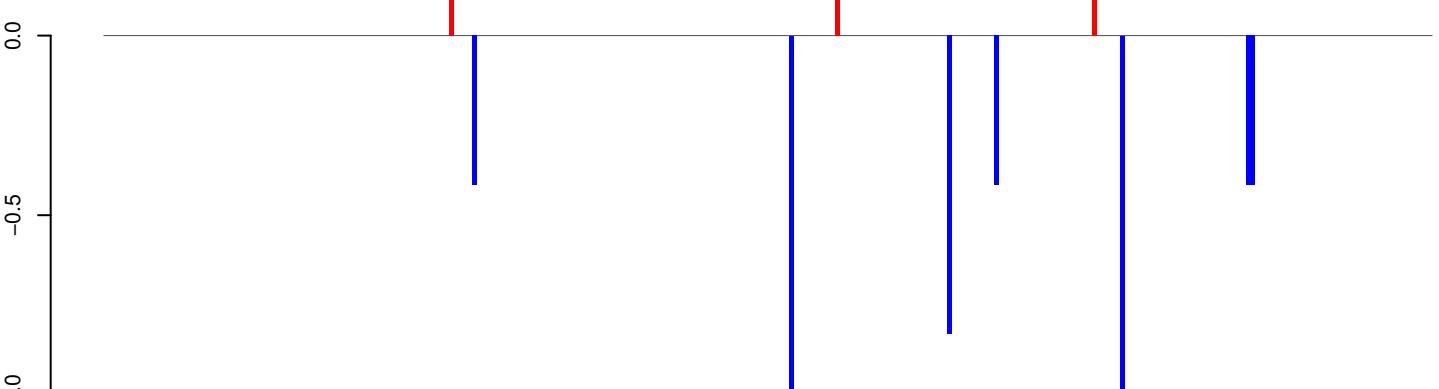
positive=0, negative=1, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=4, total=5

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=1, negative=5, total=6

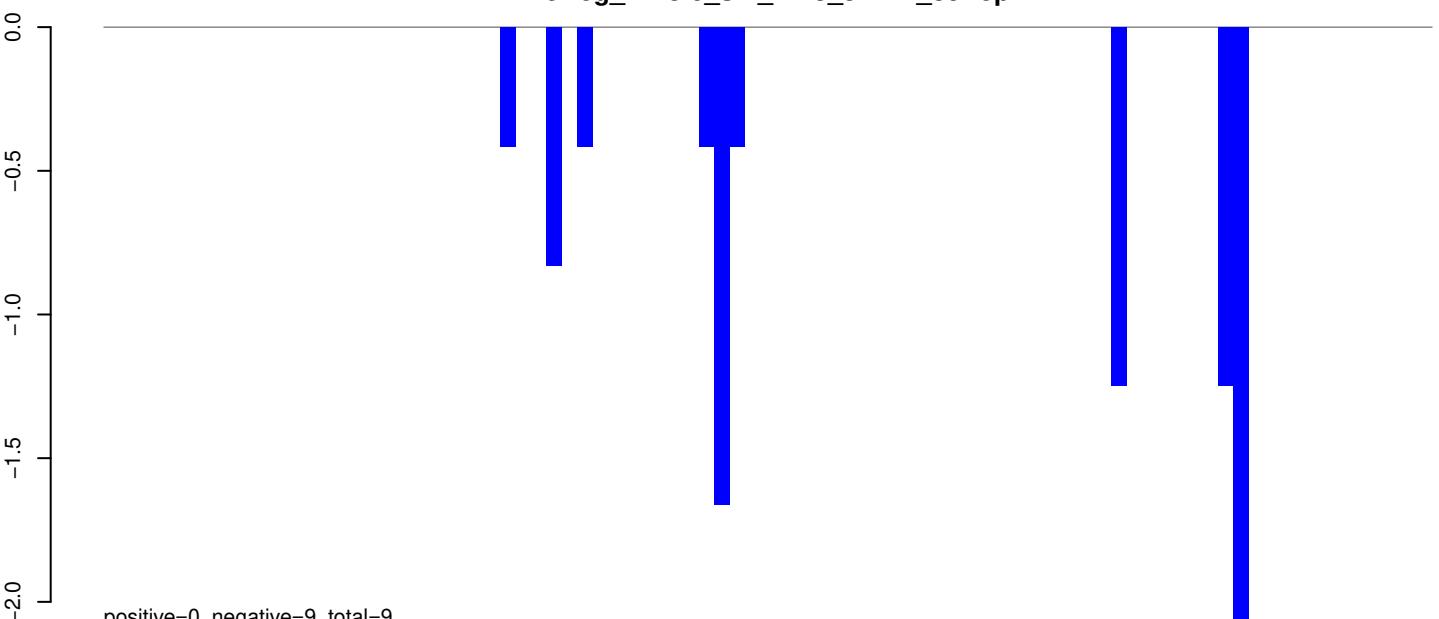
Window size=25, length=7113, TE@TF00121-Ty3\_gypsy\_Ele30:1-7113

0 1000 2000 3000 4000 5000 6000 7000

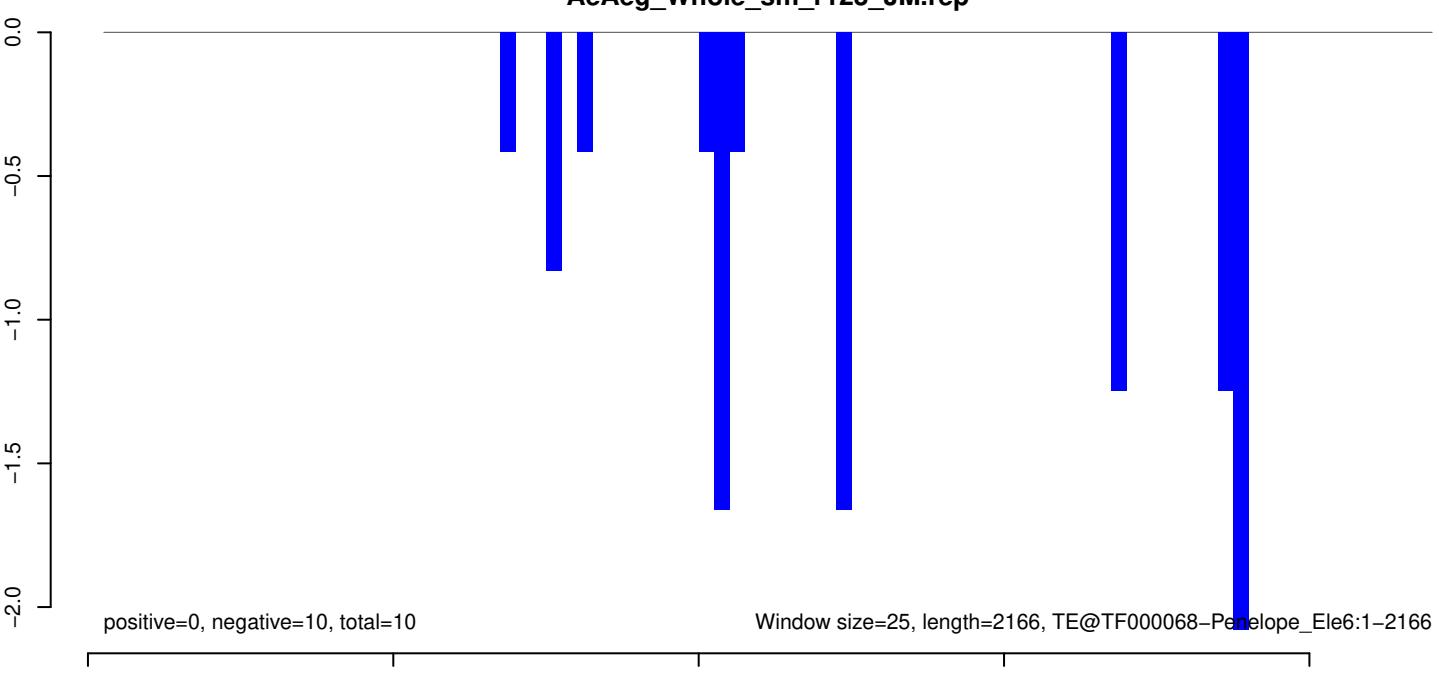
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



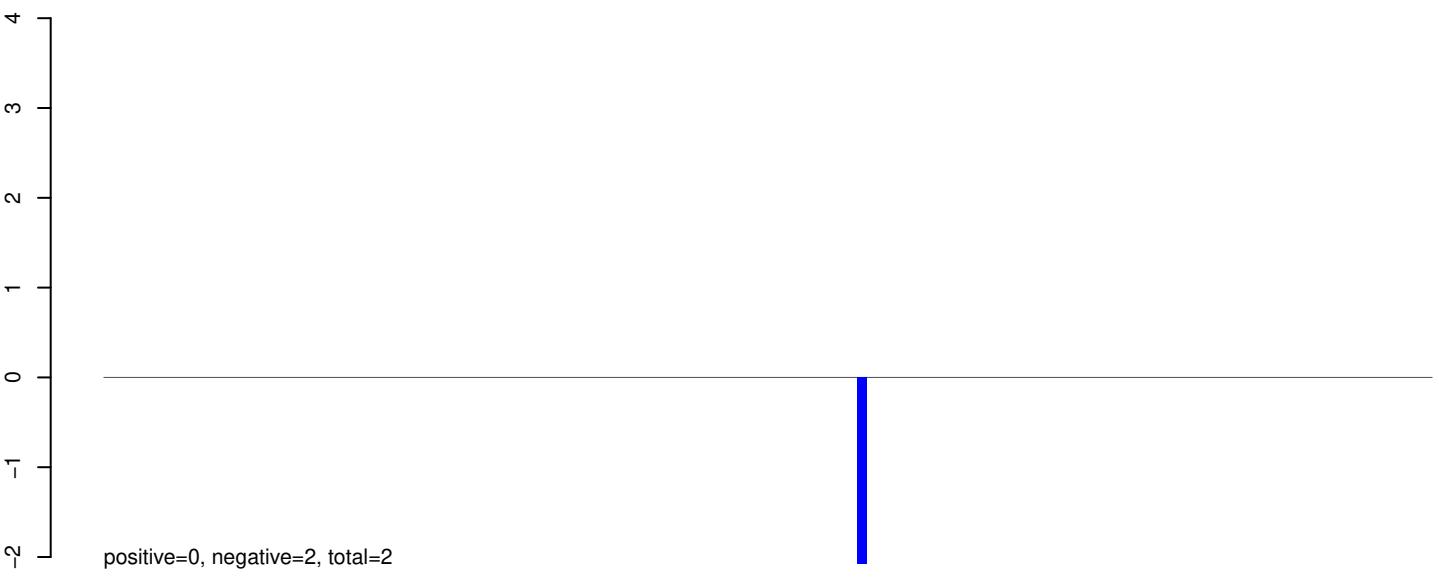
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



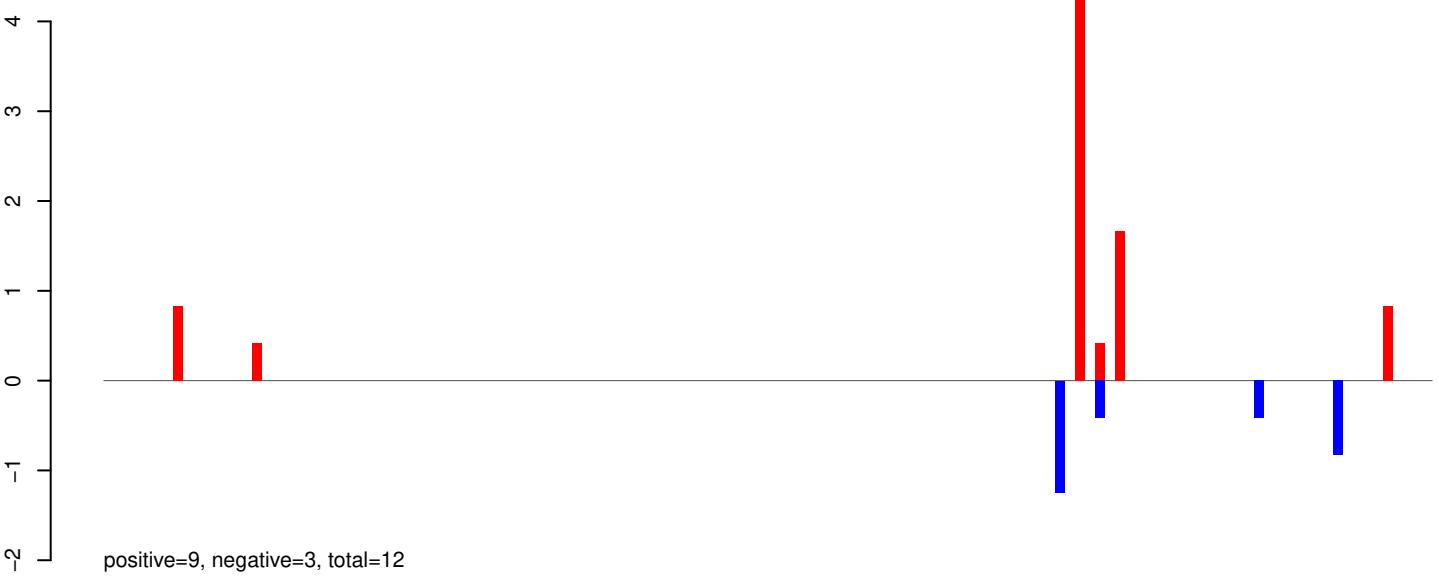
### AeAeg\_Whole\_sm\_r123\_JM.rep



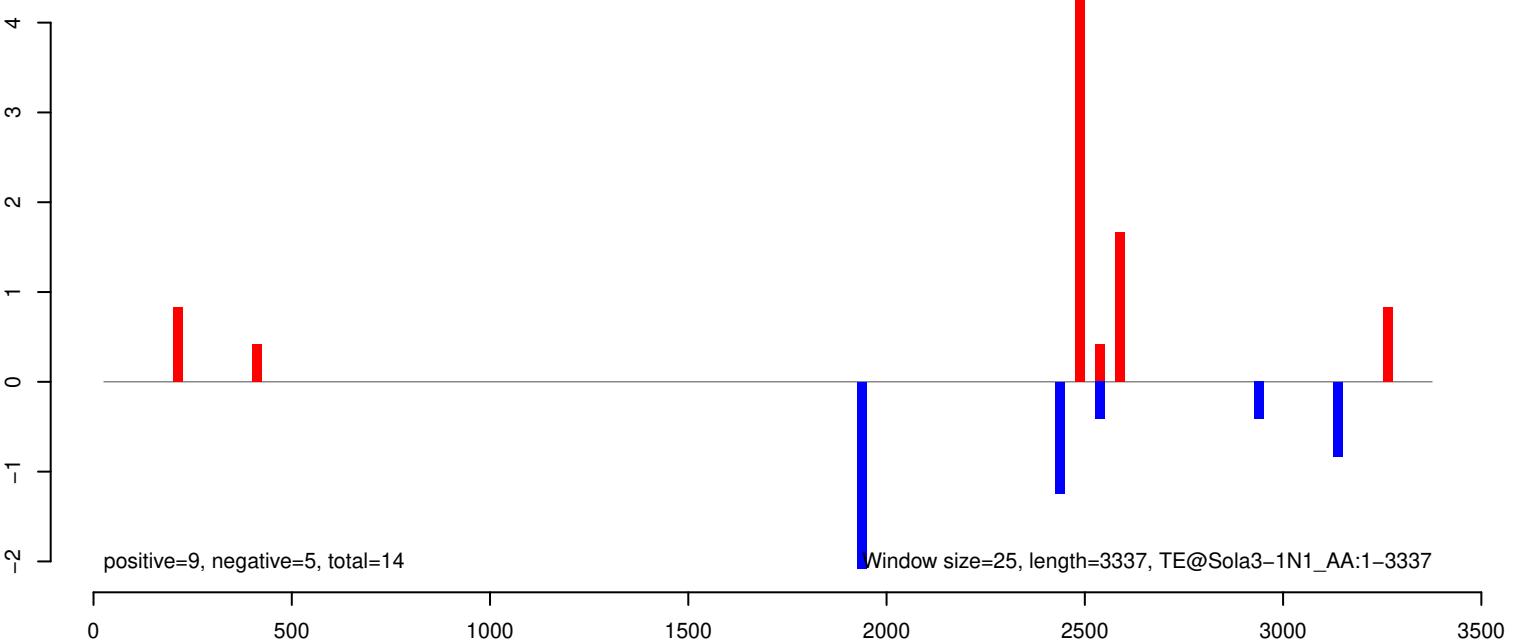
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



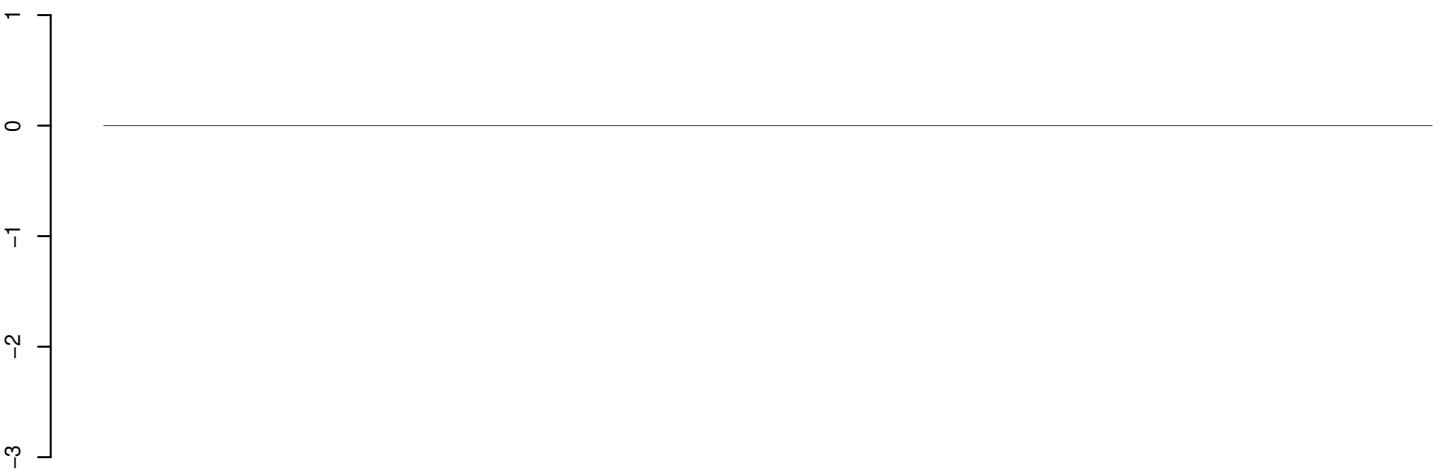
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



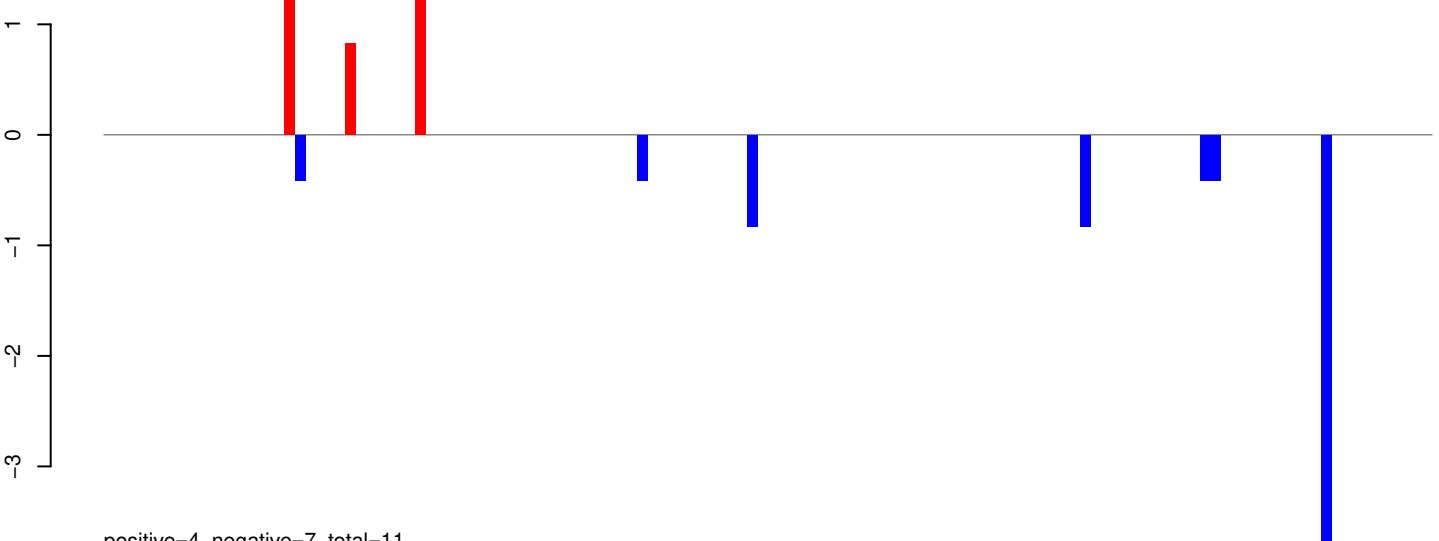
**AeAeg\_Whole\_sm\_r123\_JM.rep**



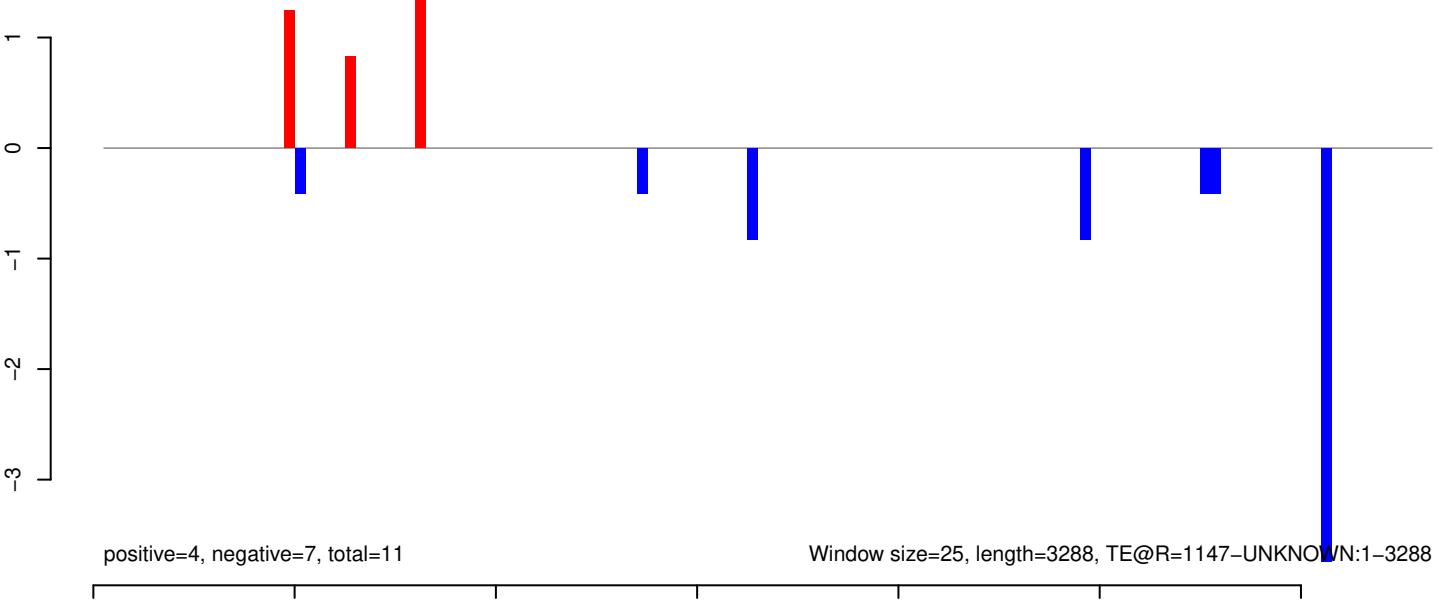
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



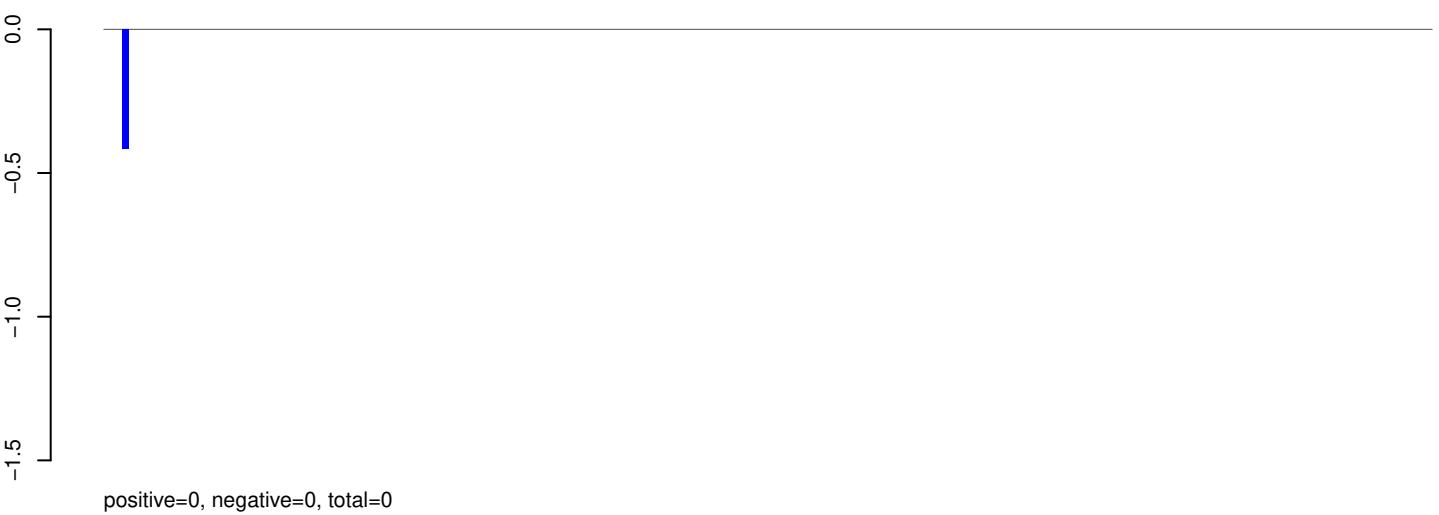
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



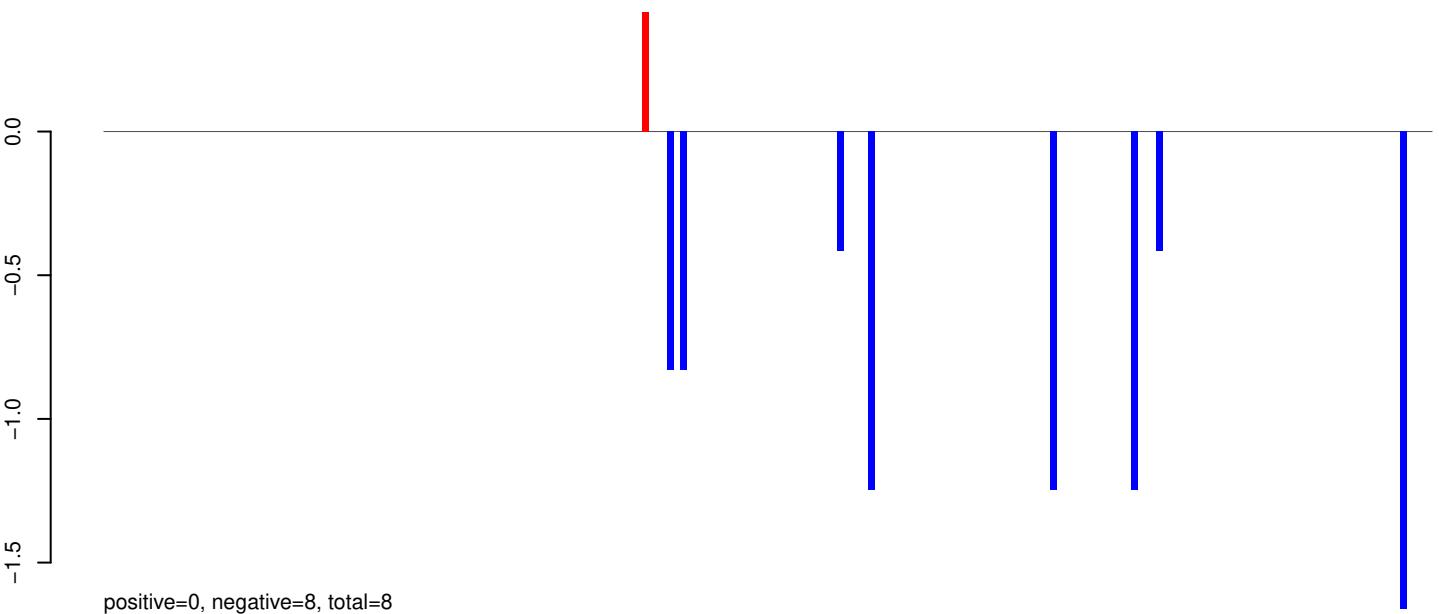
**AeAeg\_Whole\_sm\_r123\_JM.rep**



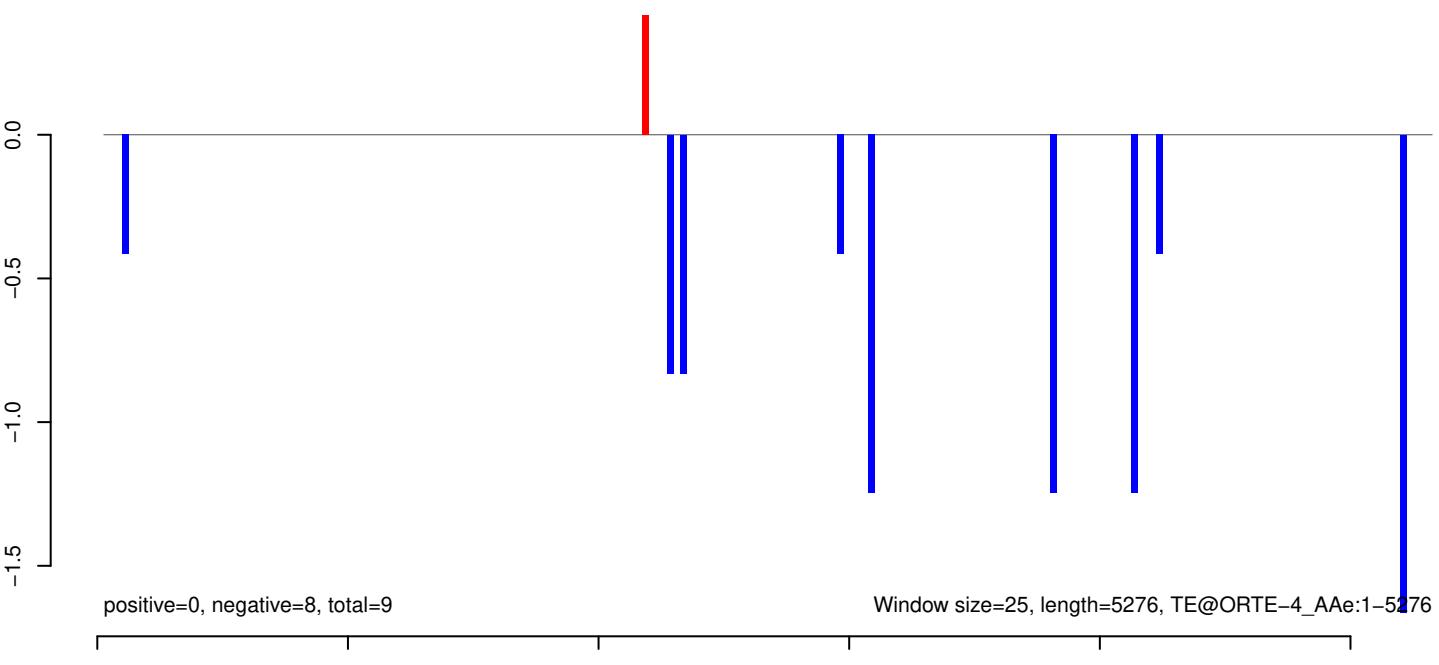
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



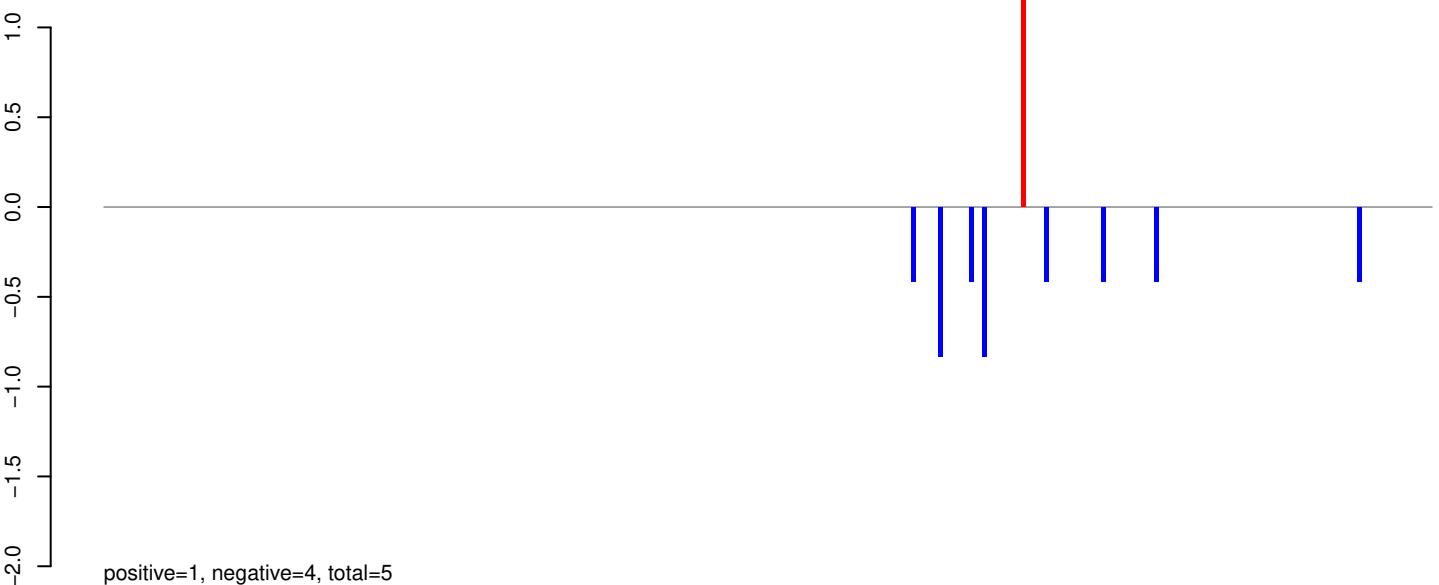
### AeAeg\_Whole\_sm\_r123\_JM.rep



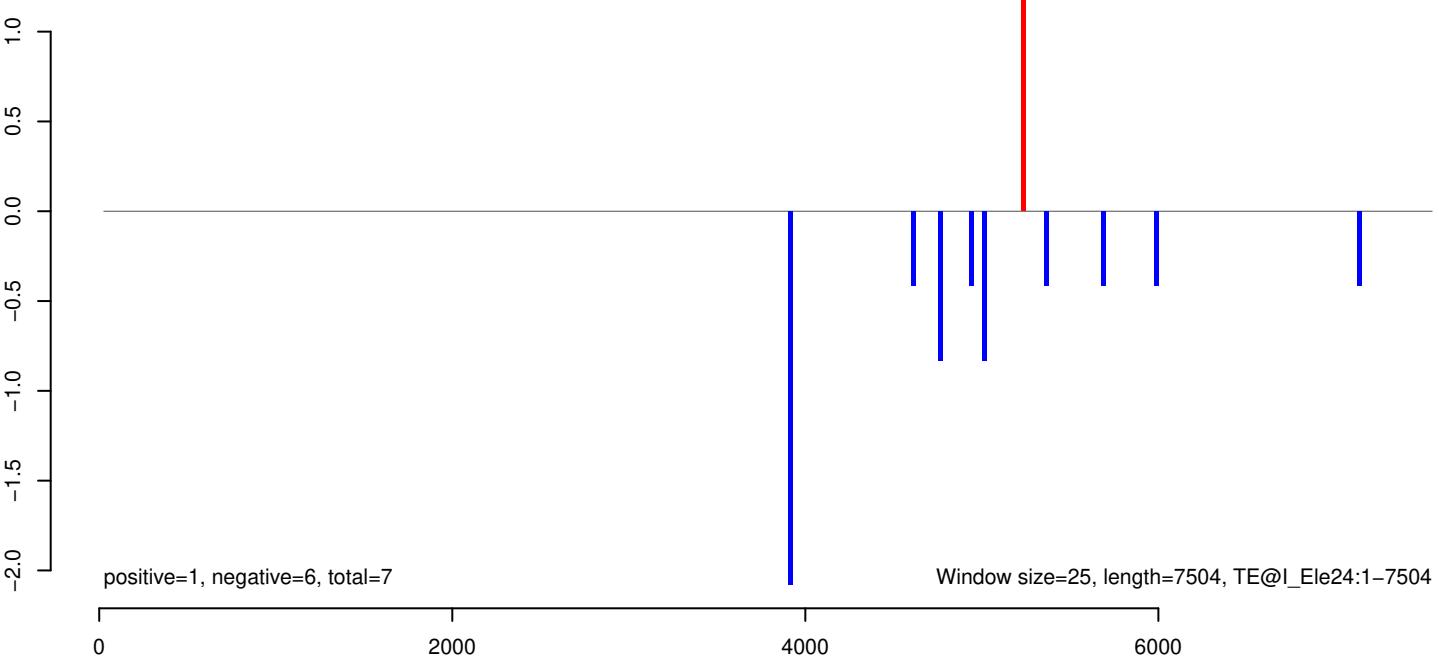
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



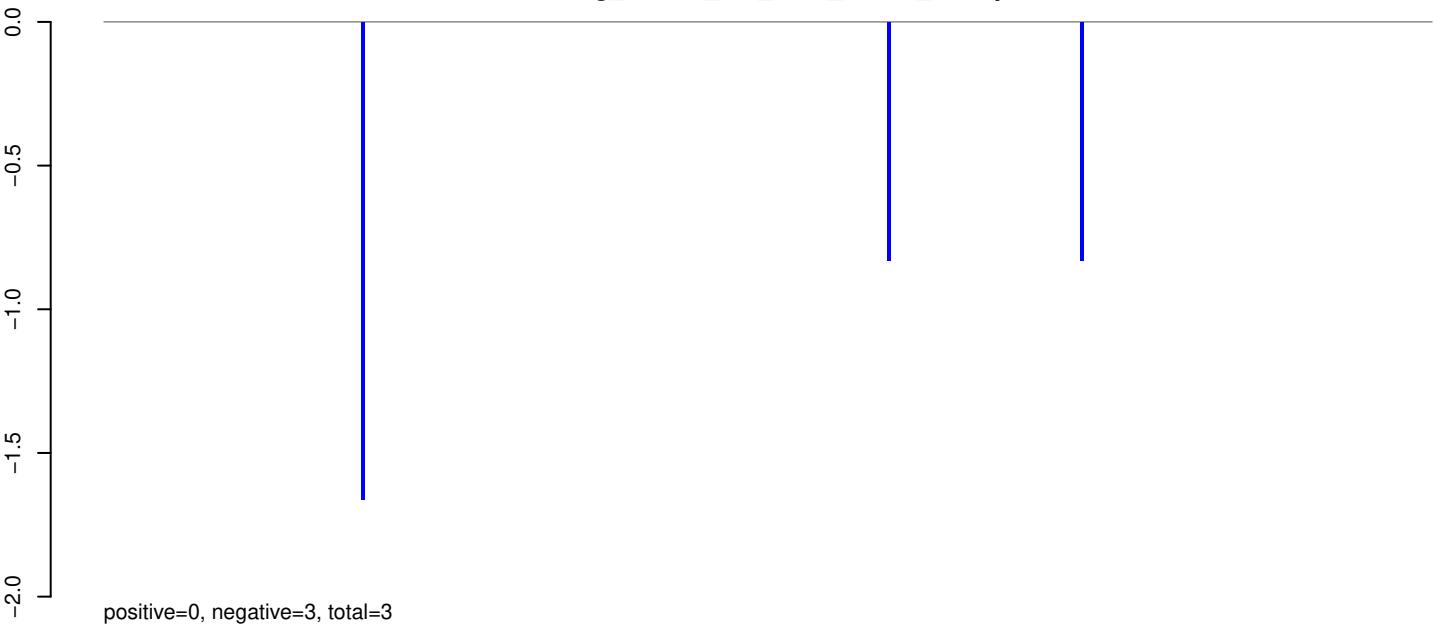
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



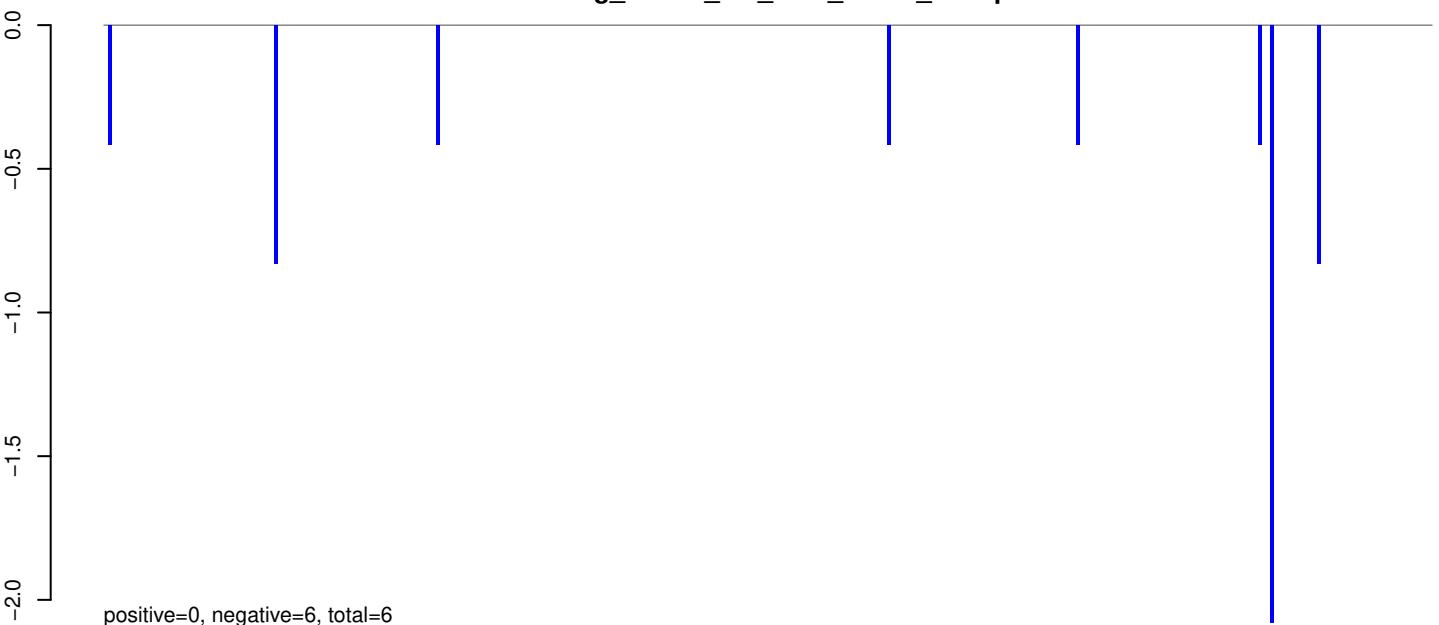
**AeAeg\_Whole\_sm\_r123\_JM.rep**



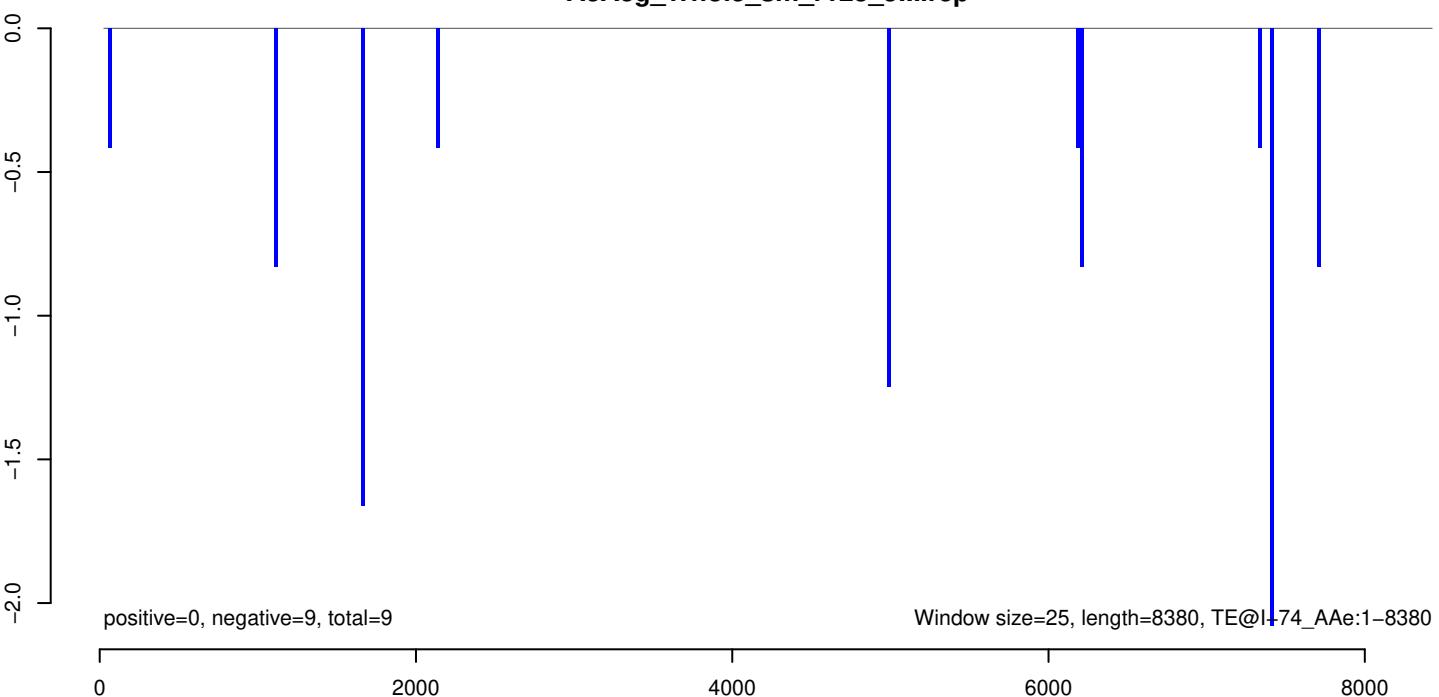
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



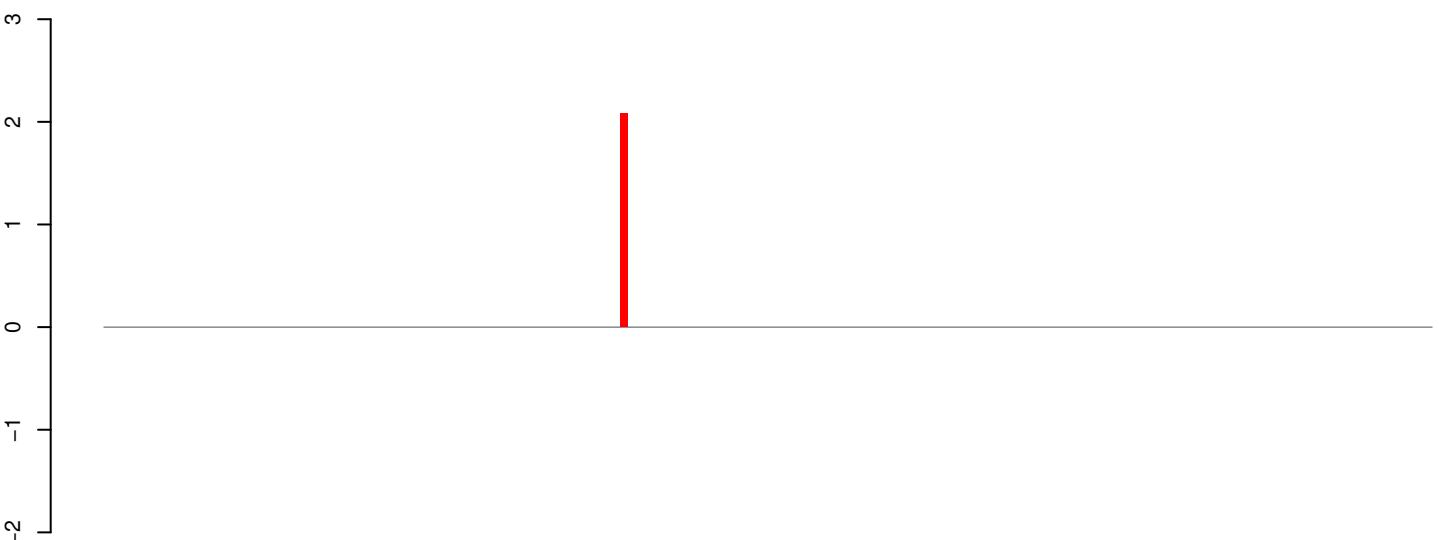
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



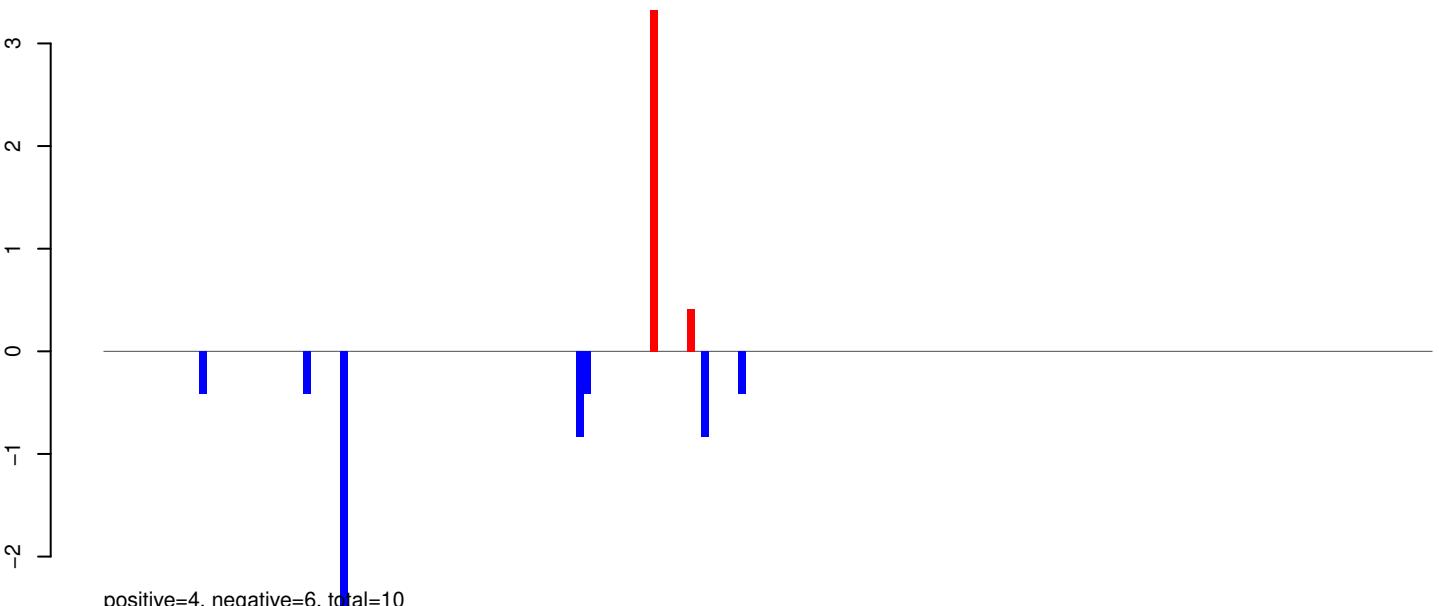
### AeAeg\_Whole\_sm\_r123\_JM.rep



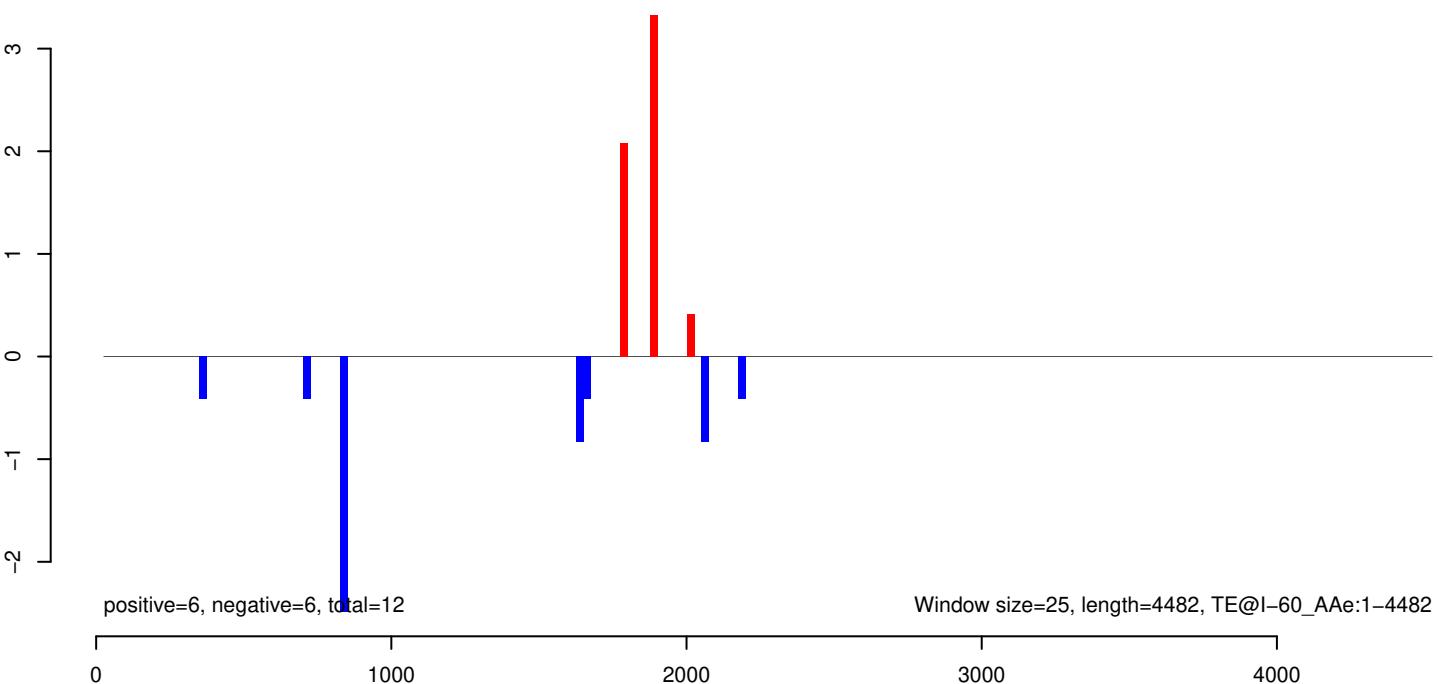
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



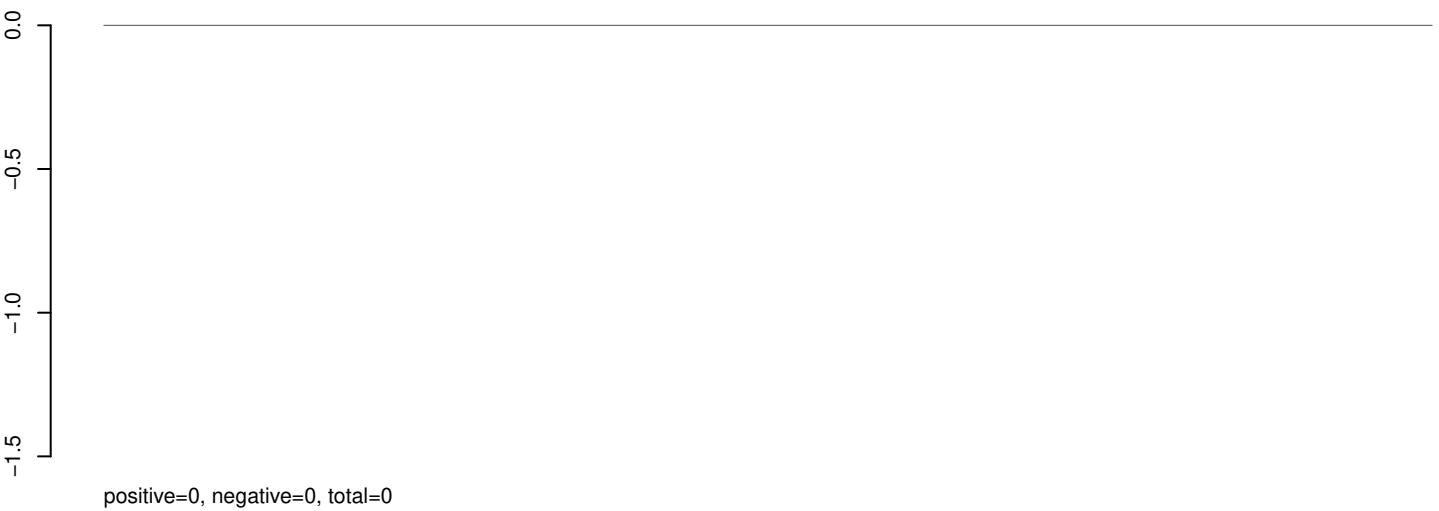
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



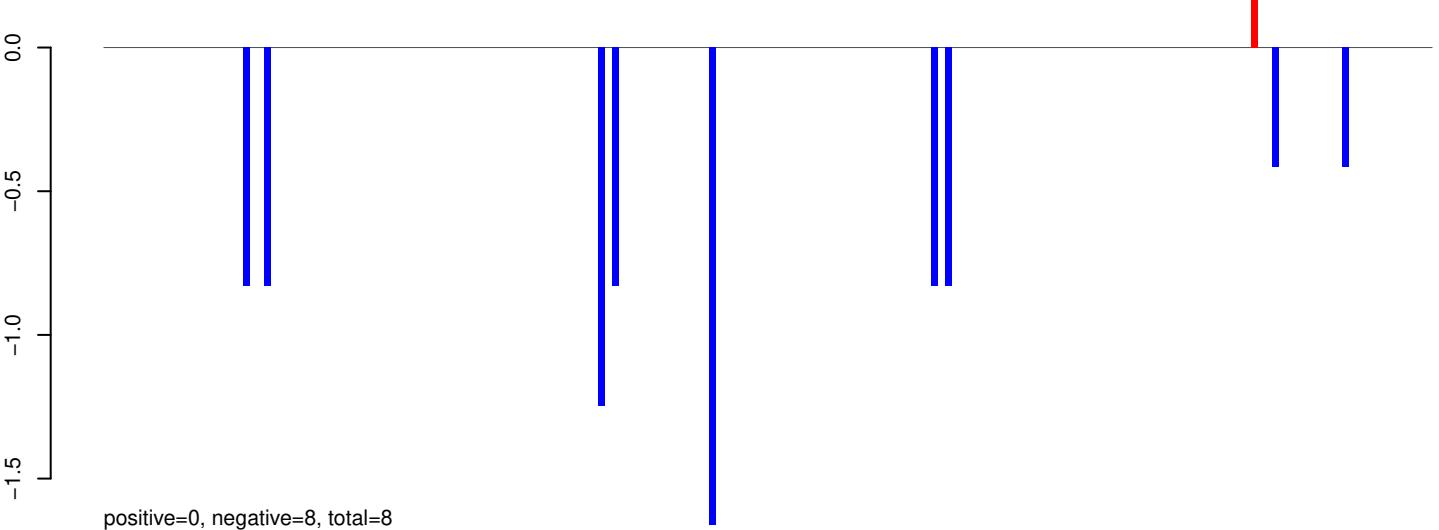
### AeAeg\_Whole\_sm\_r123\_JM.rep



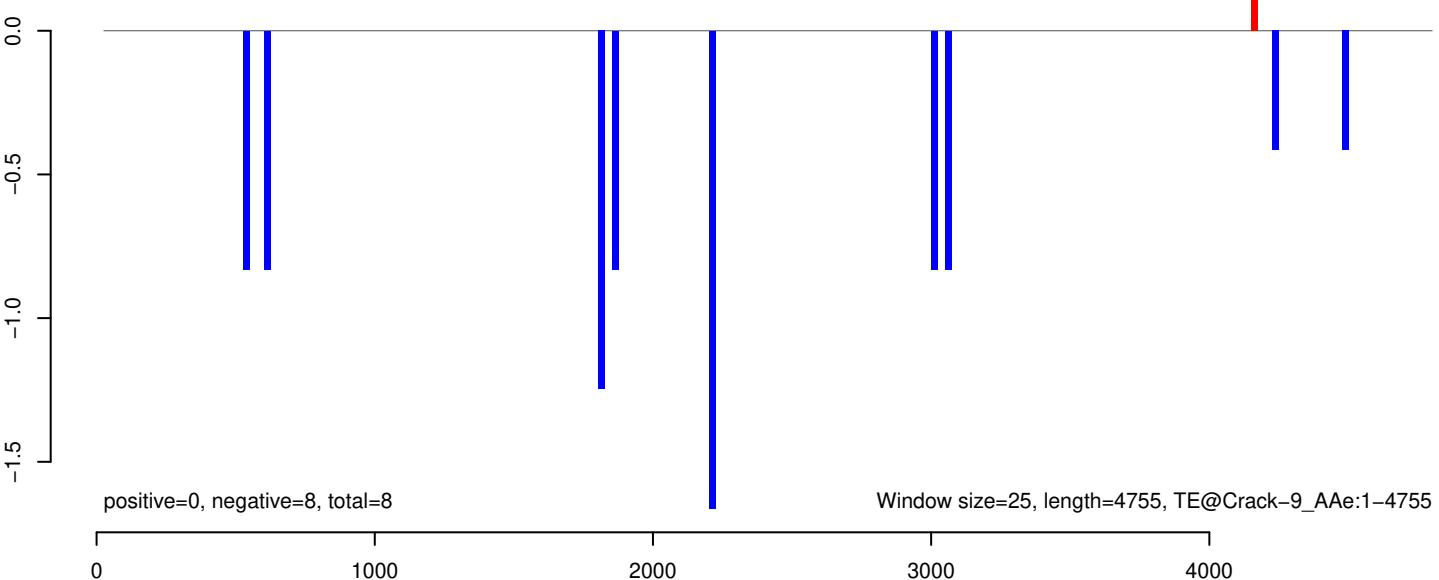
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



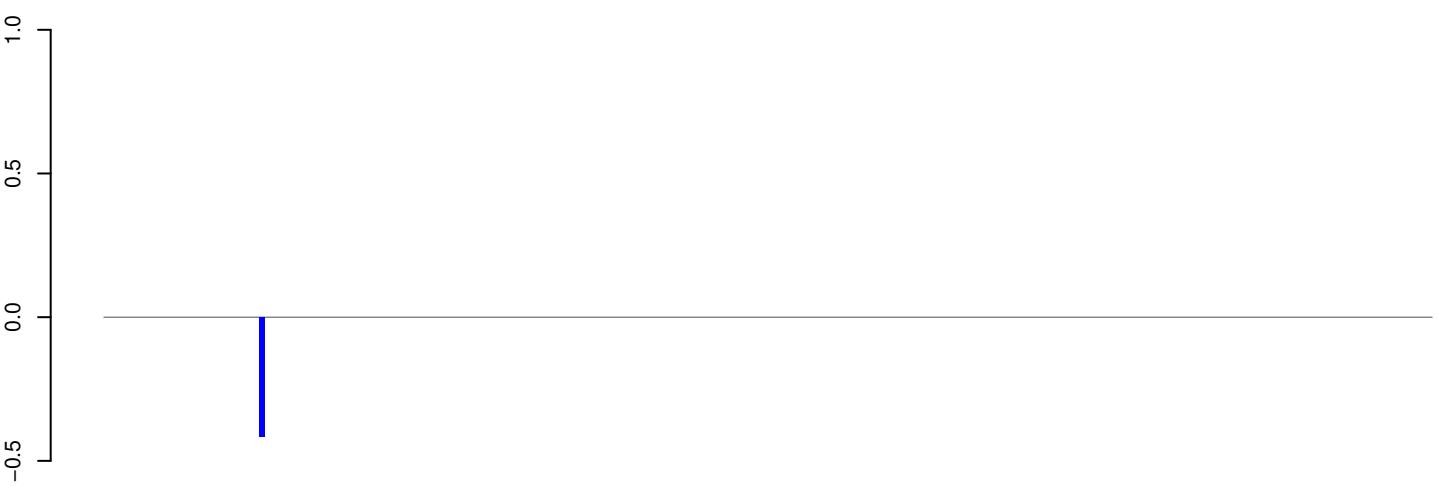
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

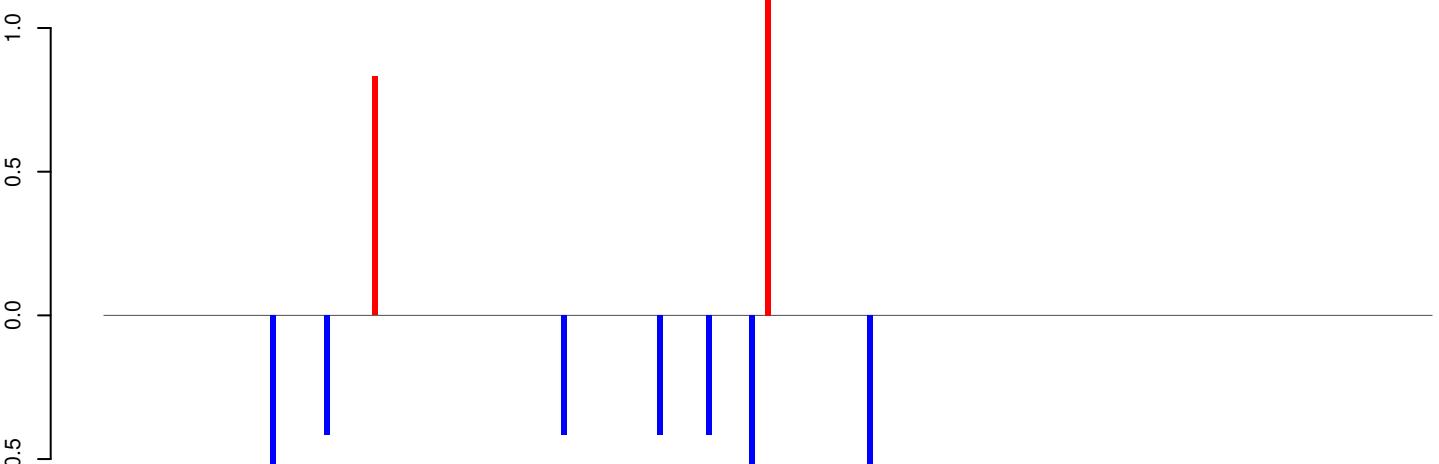


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



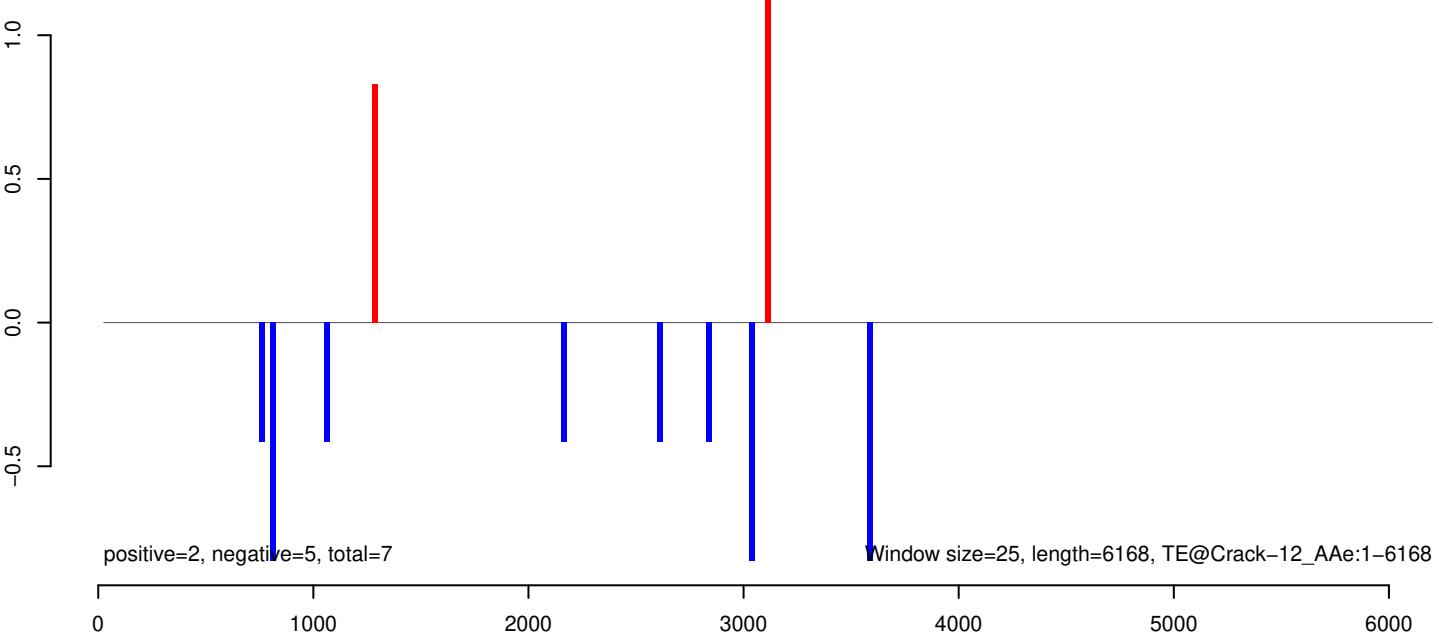
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=2, negative=4, total=6

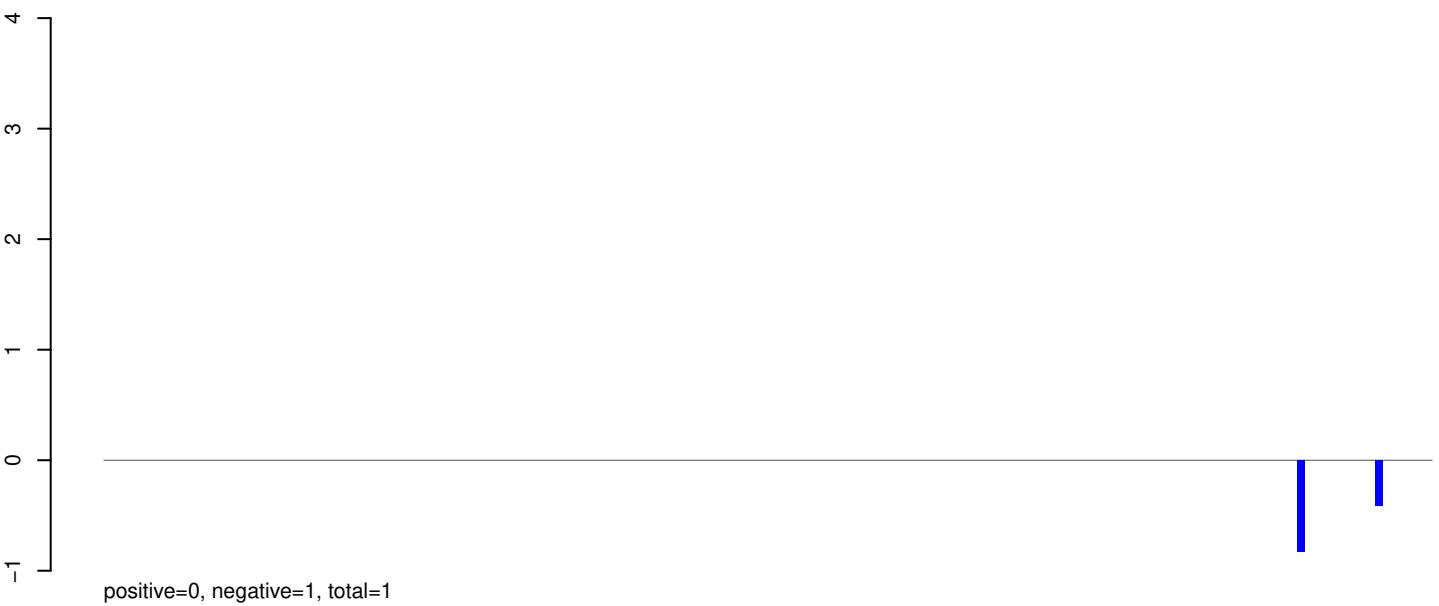
### AeAeg\_Whole\_sm\_r123\_JM.rep



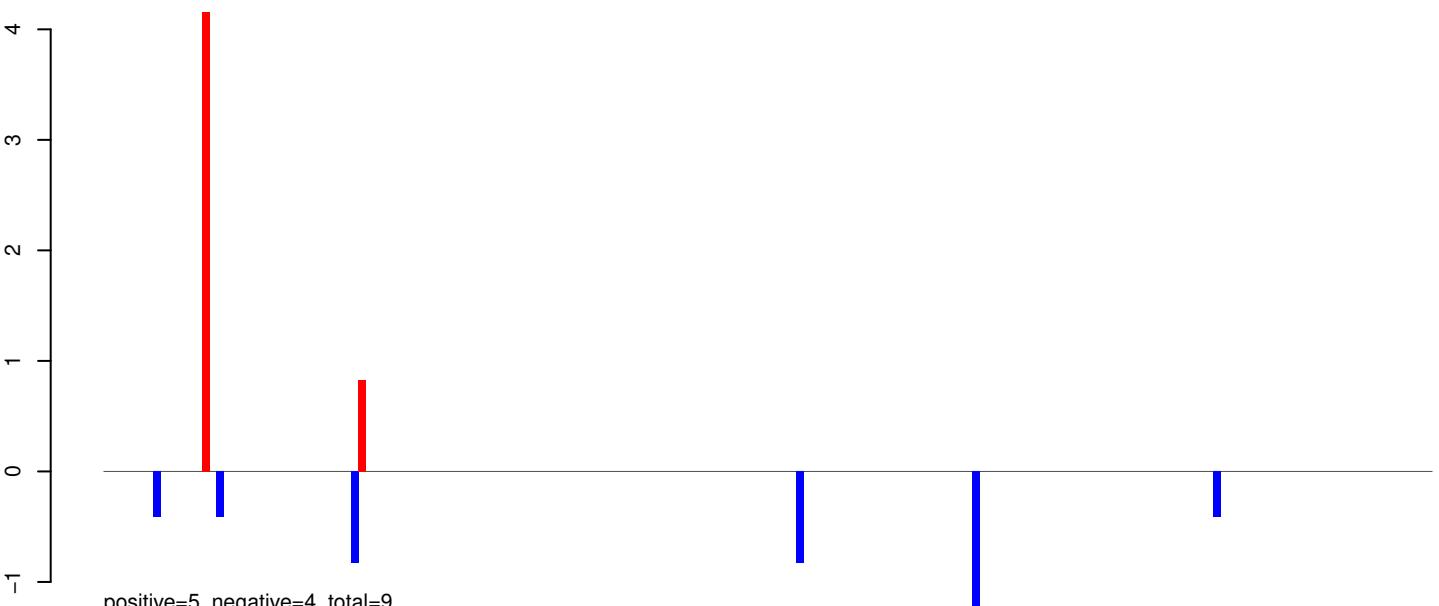
positive=2, negative=5, total=7

Window size=25, length=6168, TE@Crack-12\_AAe:1-6168

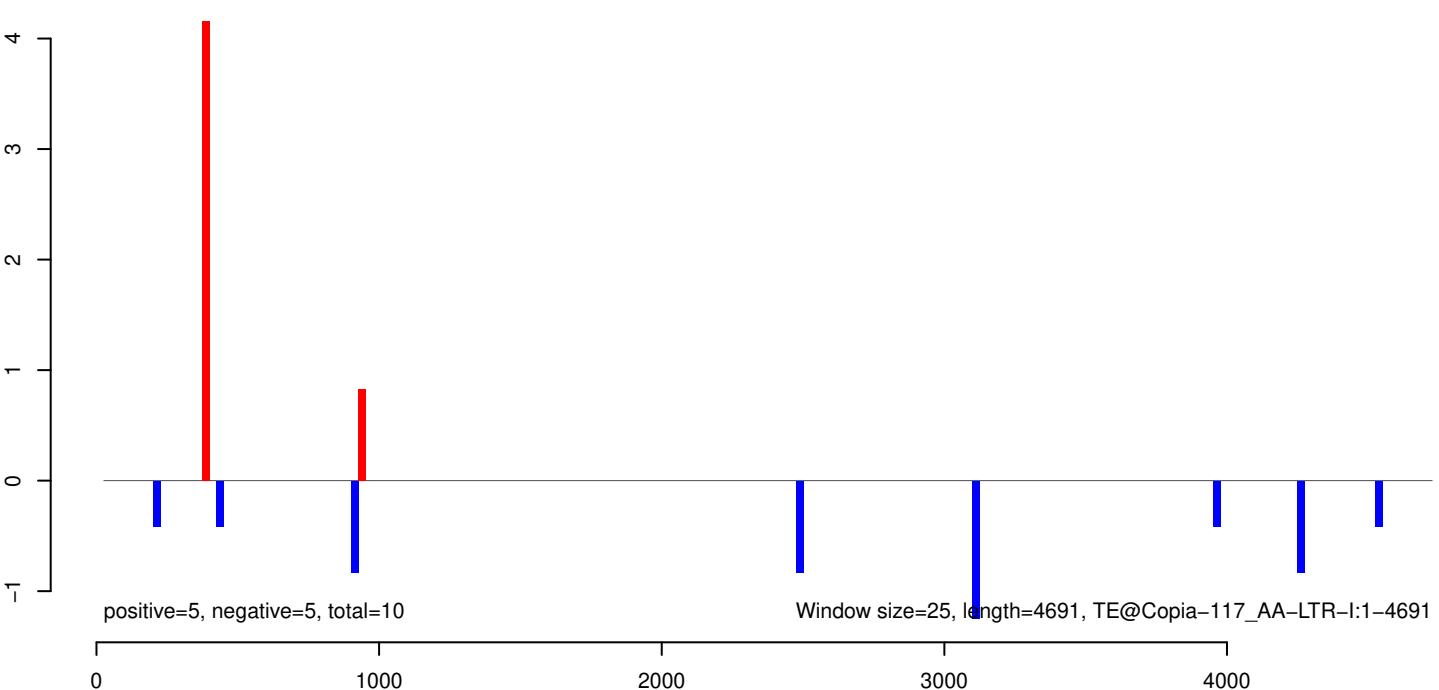
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



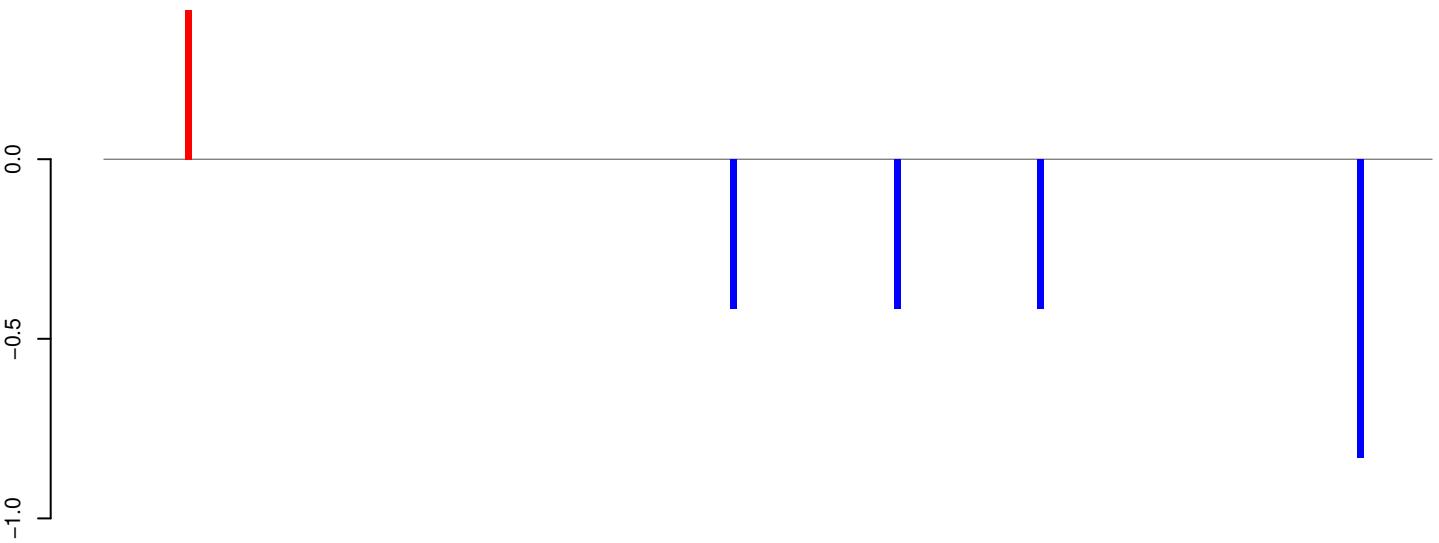
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

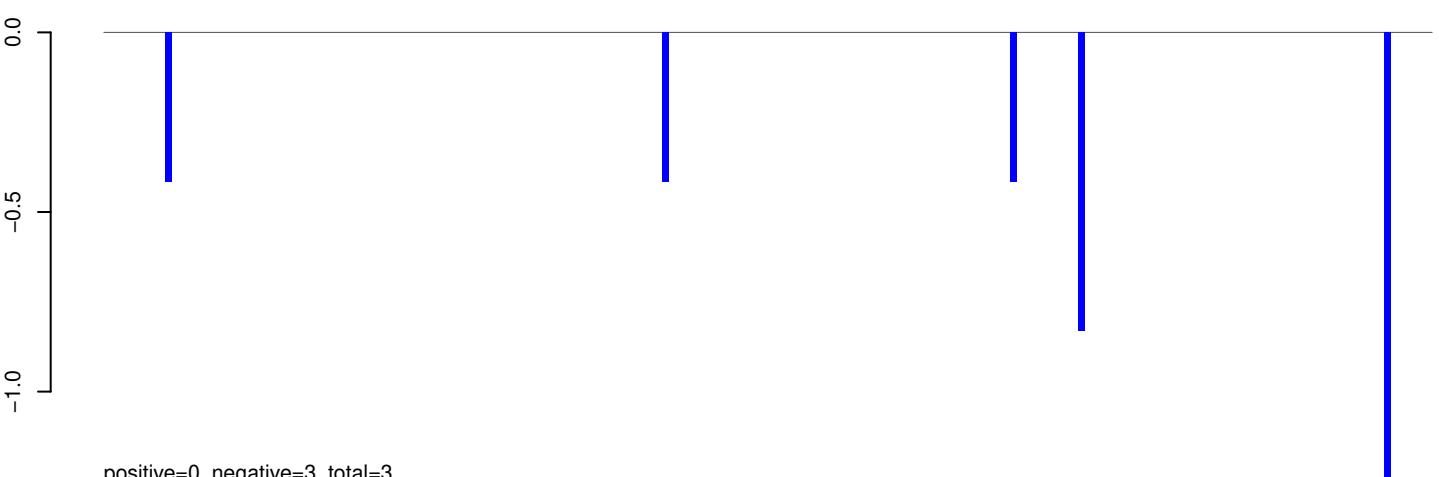


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



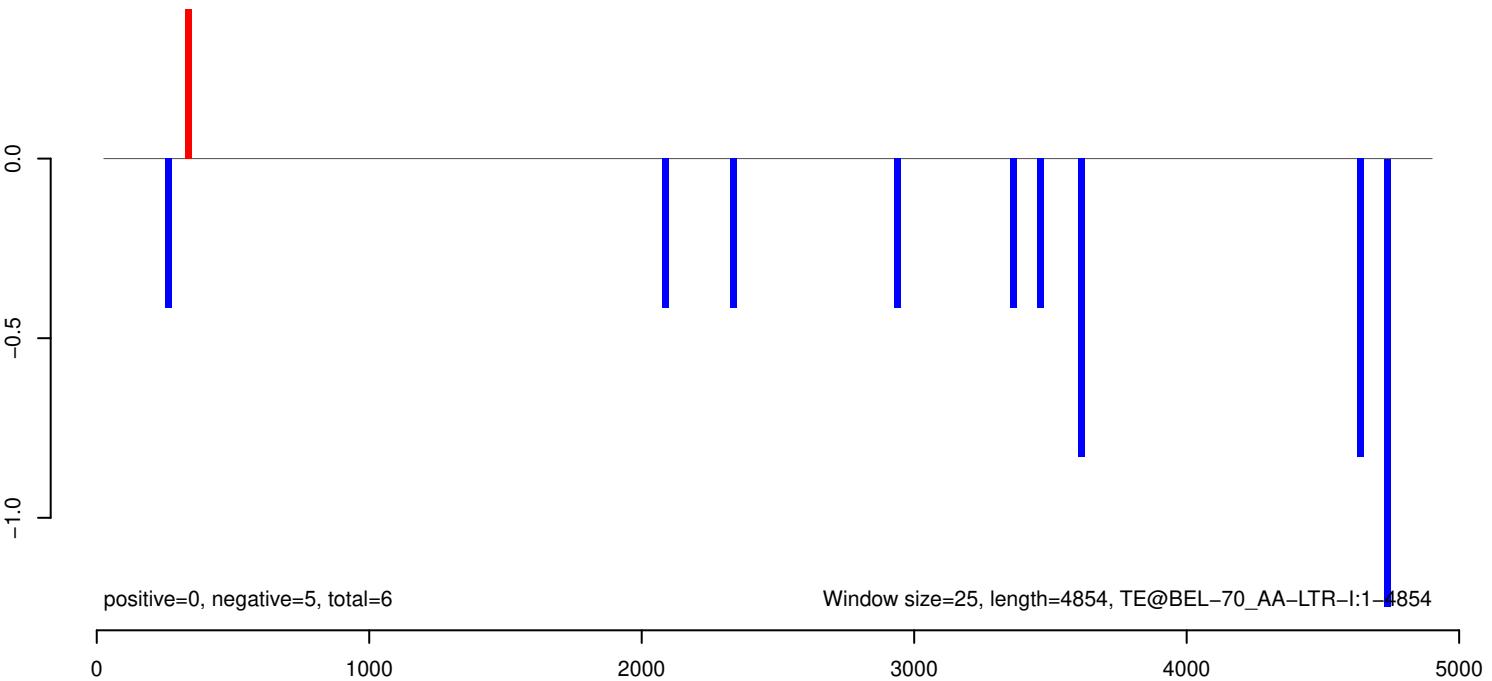
positive=0, negative=2, total=2

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=3, total=3

**AeAeg\_Whole\_sm\_r123\_JM.rep**

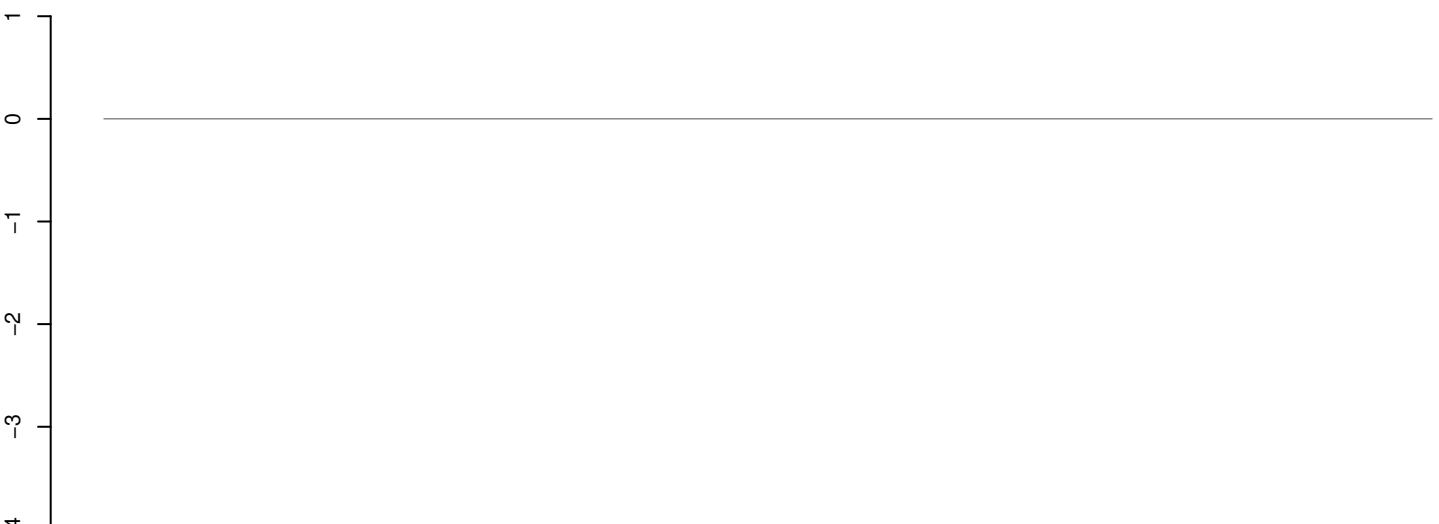


positive=0, negative=5, total=6

Window size=25, length=4854, TE@BEL-70\_AA-LTR-I:1-4854

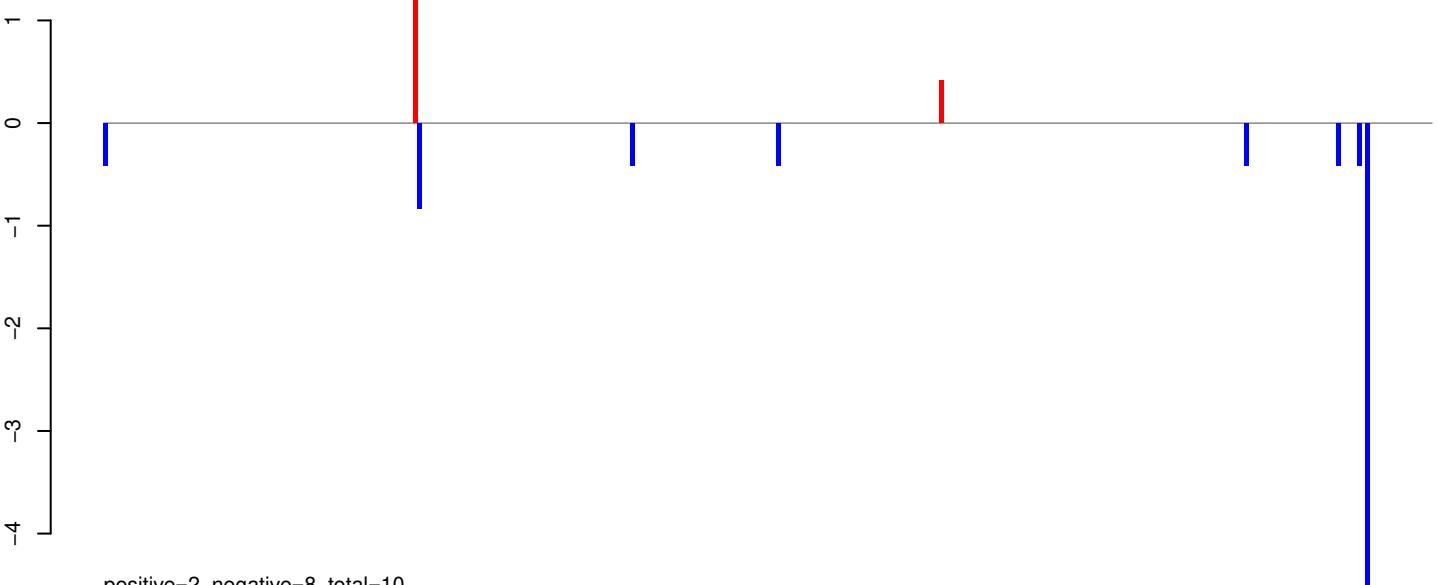
0 1000 2000 3000 4000 5000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



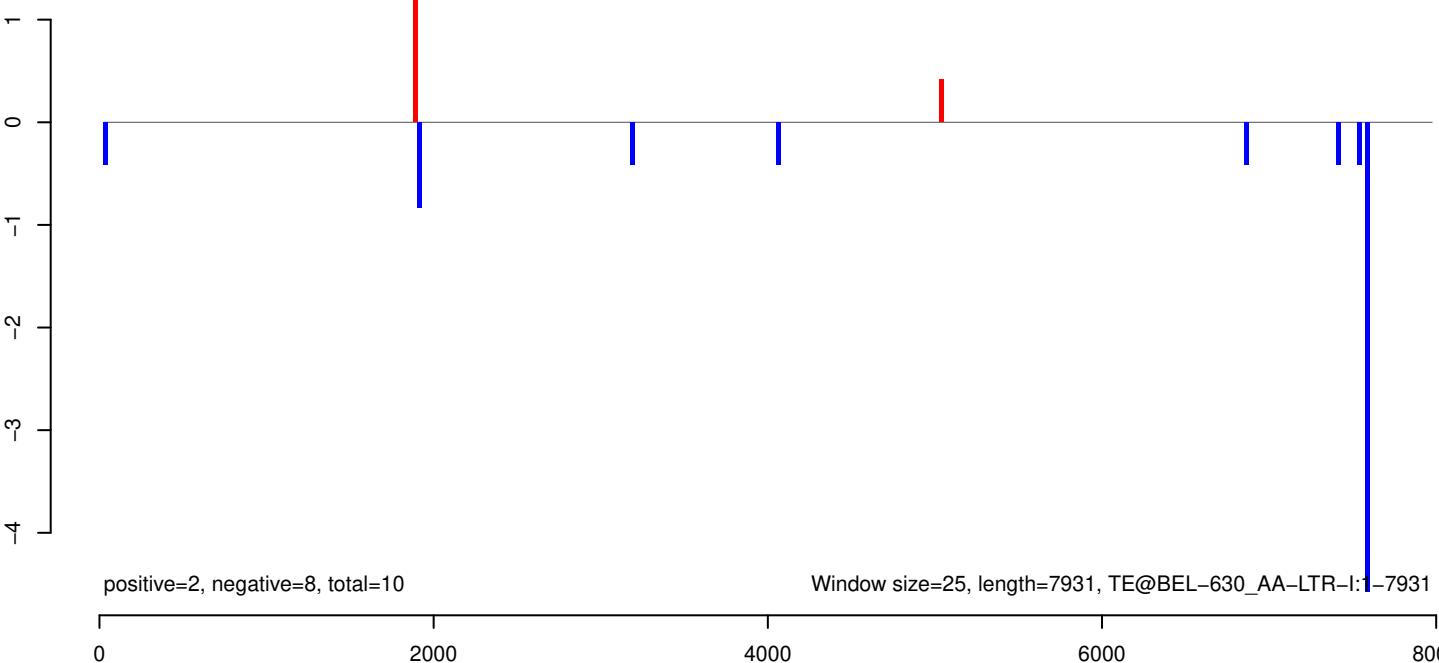
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=8, total=10

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=2, negative=8, total=10

Window size=25, length=7931, TE@BEL-630\_AA-LTR-I:1-7931

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

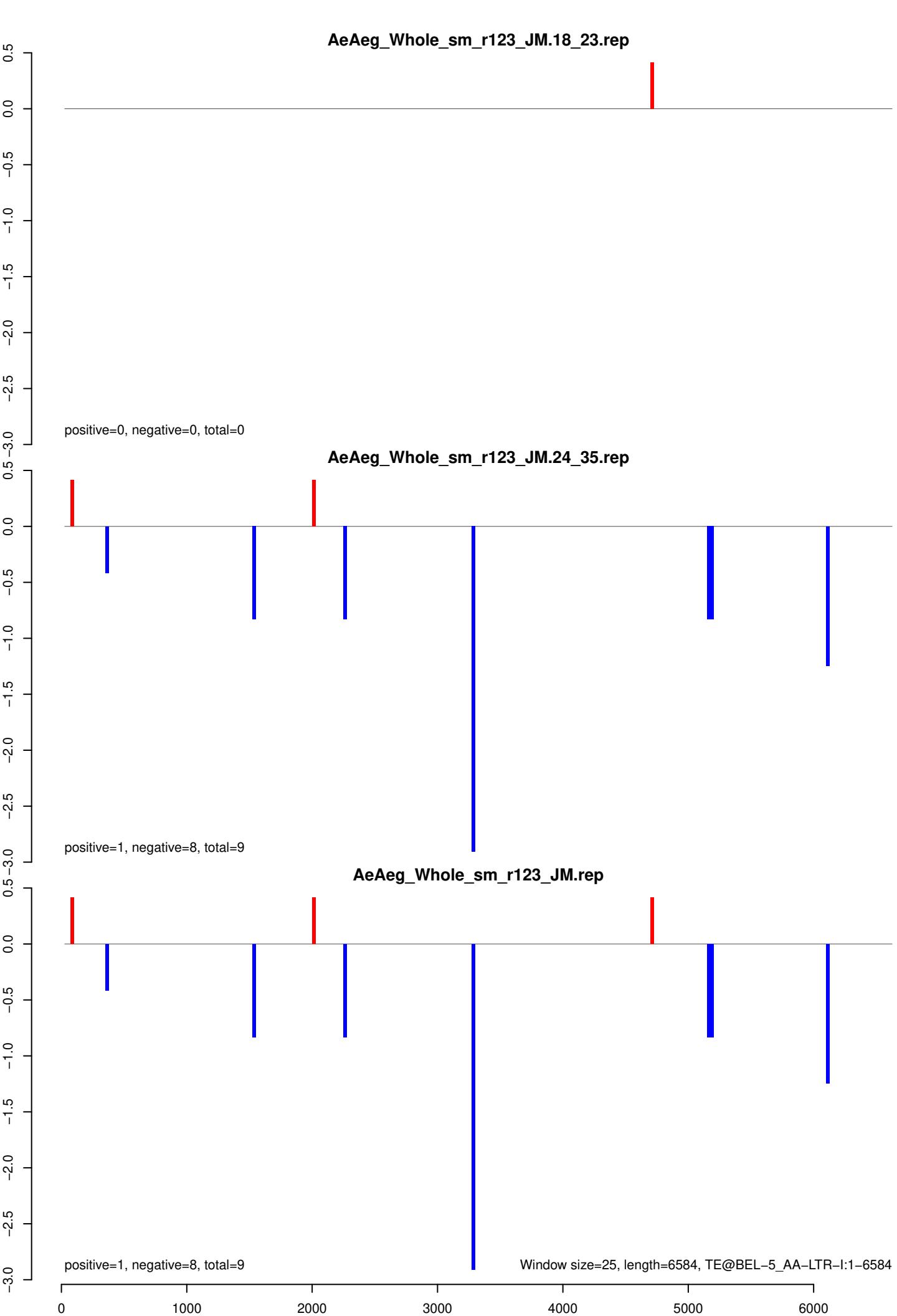
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=8, total=9

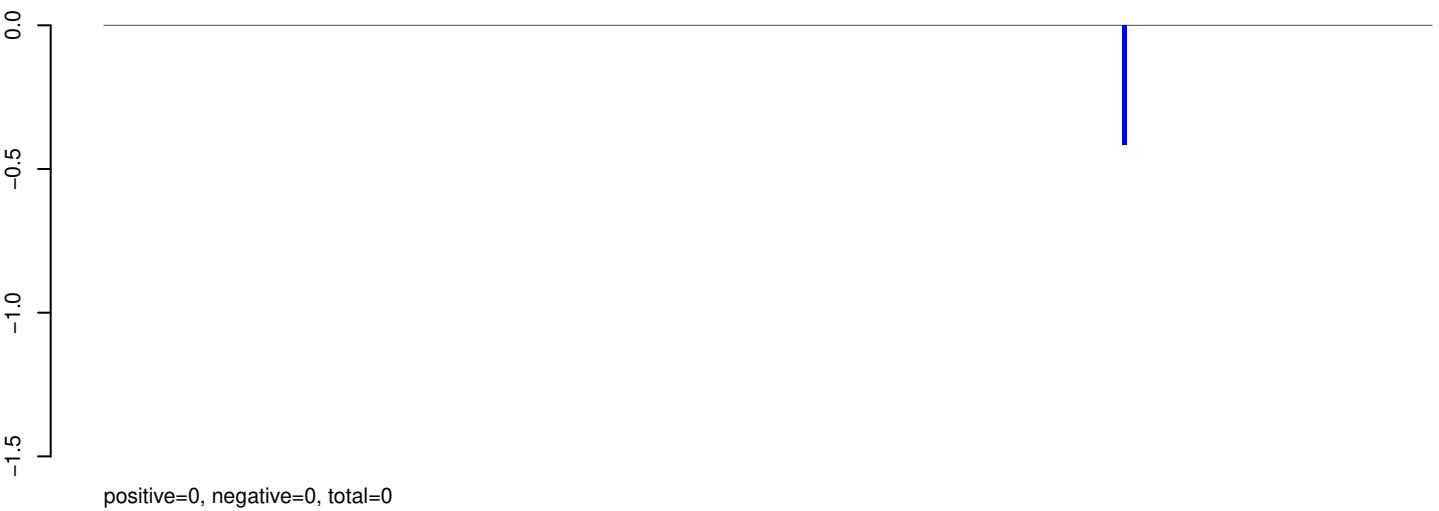
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=8, total=9

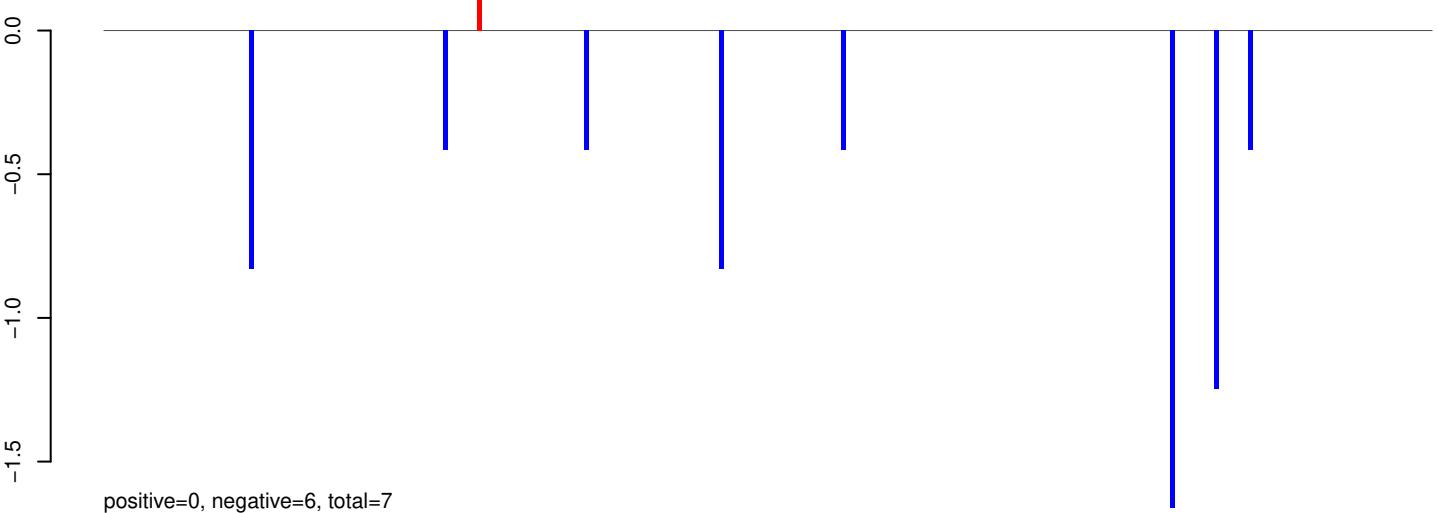
Window size=25, length=6584, TE@BEL-5\_AA-LTR-I:1-6584



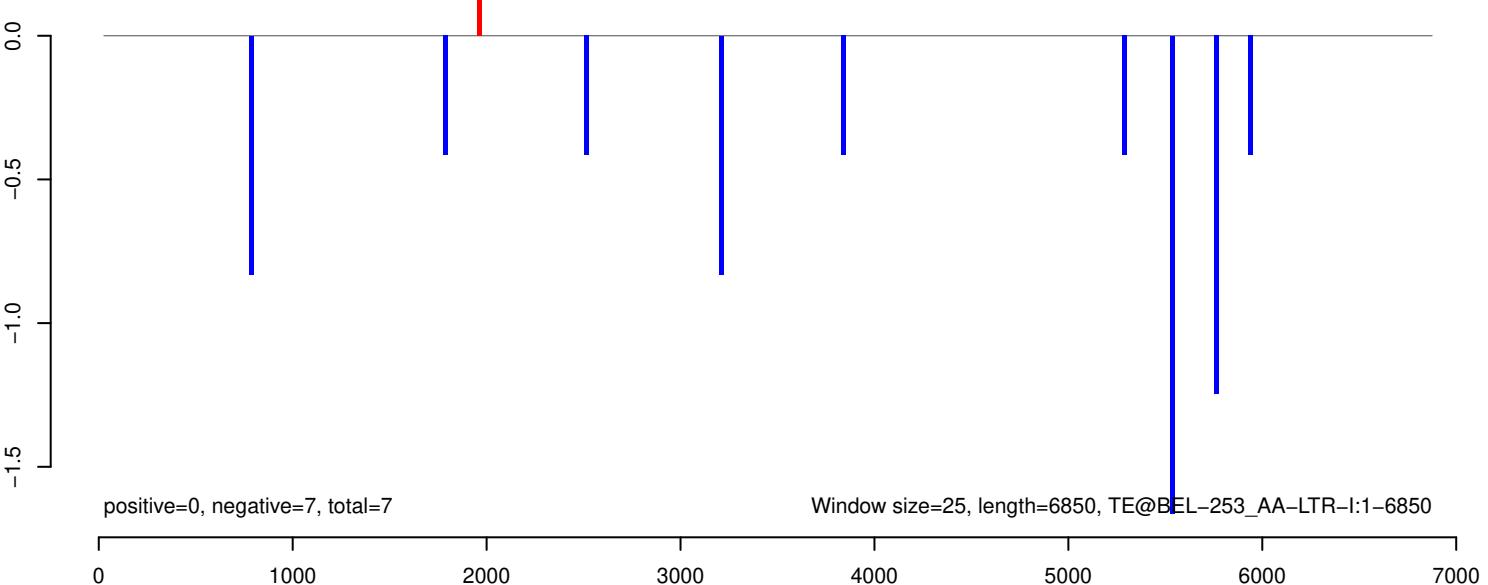
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



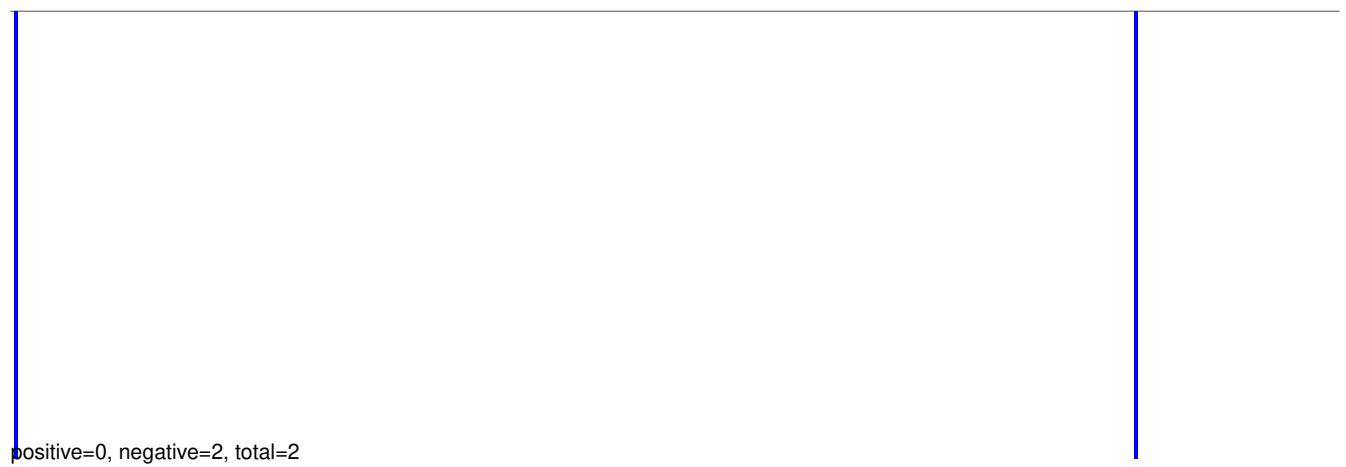
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



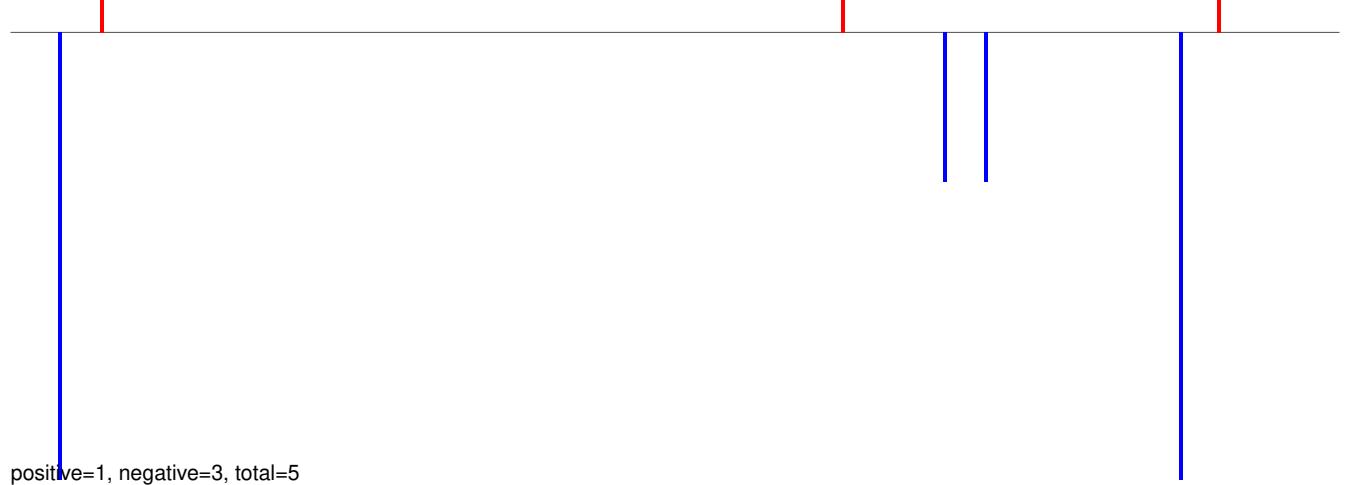
### AeAeg\_Whole\_sm\_r123\_JM.rep



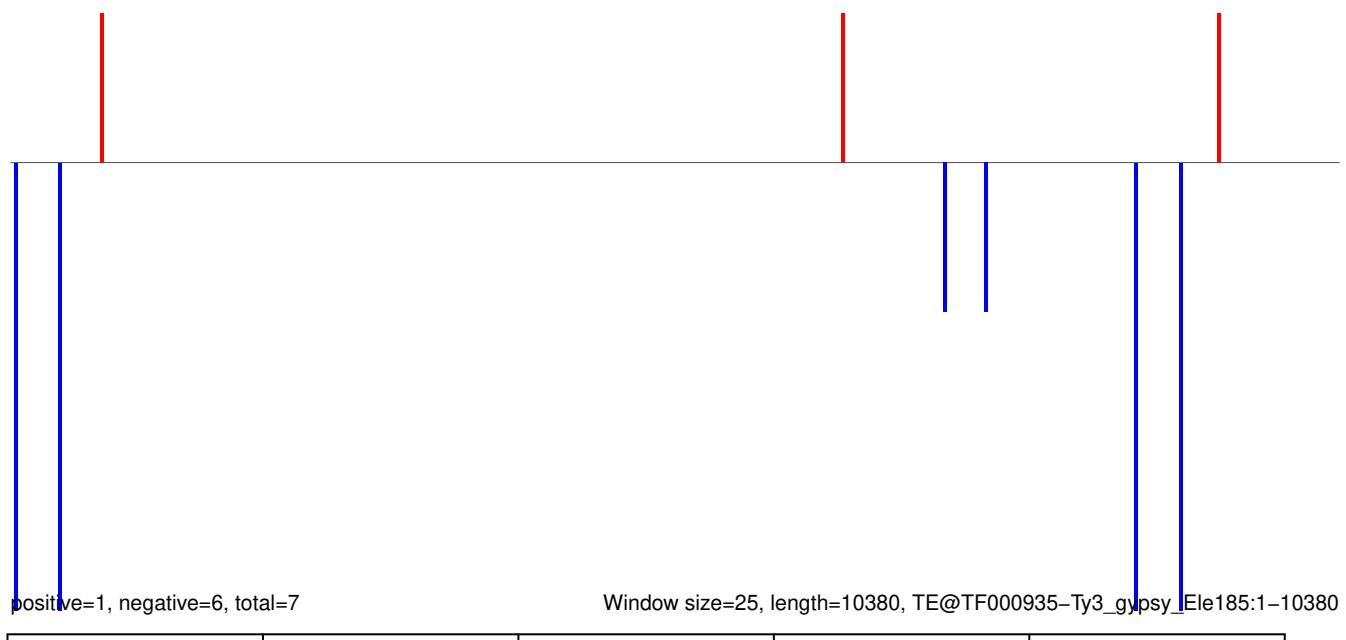
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



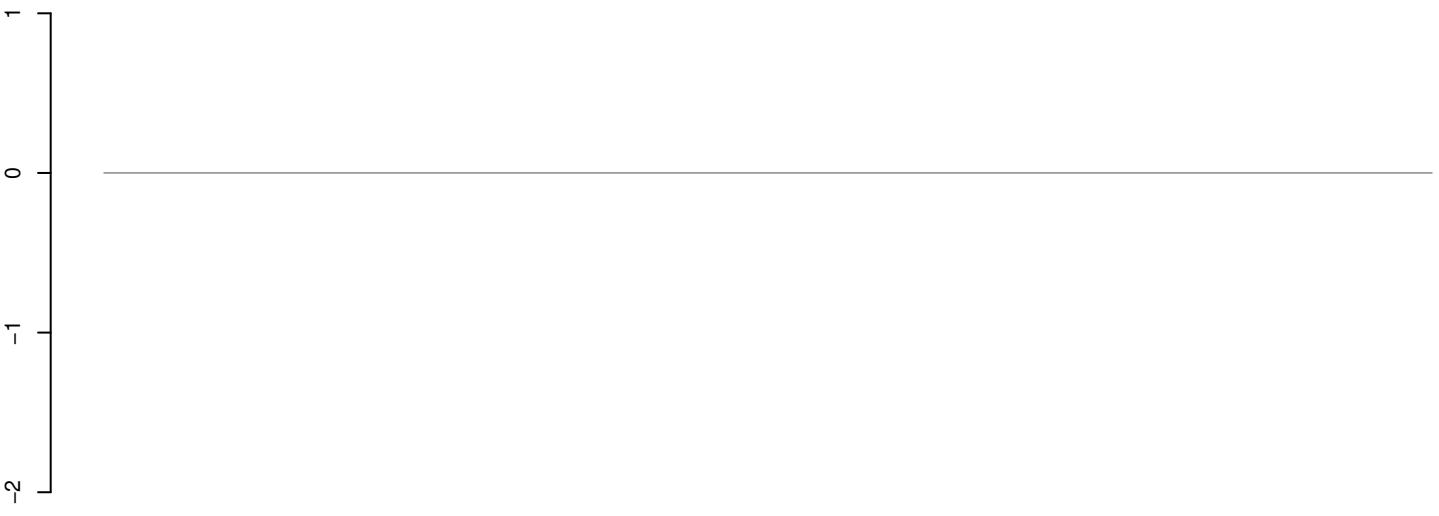
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

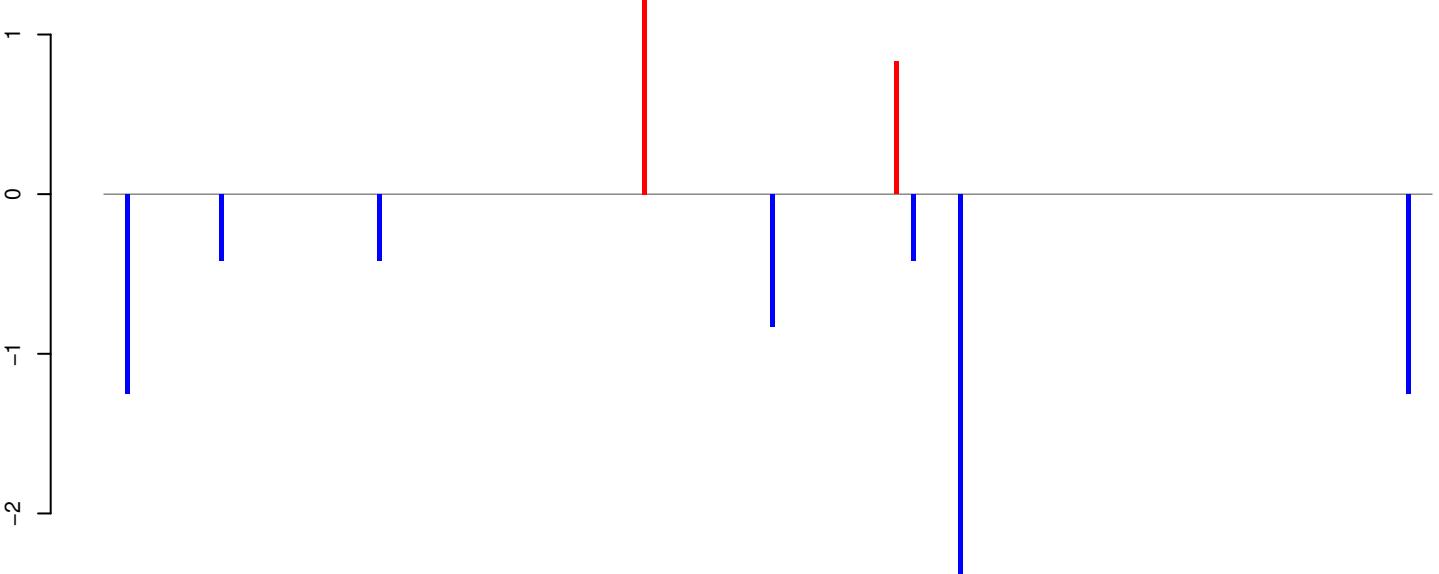


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



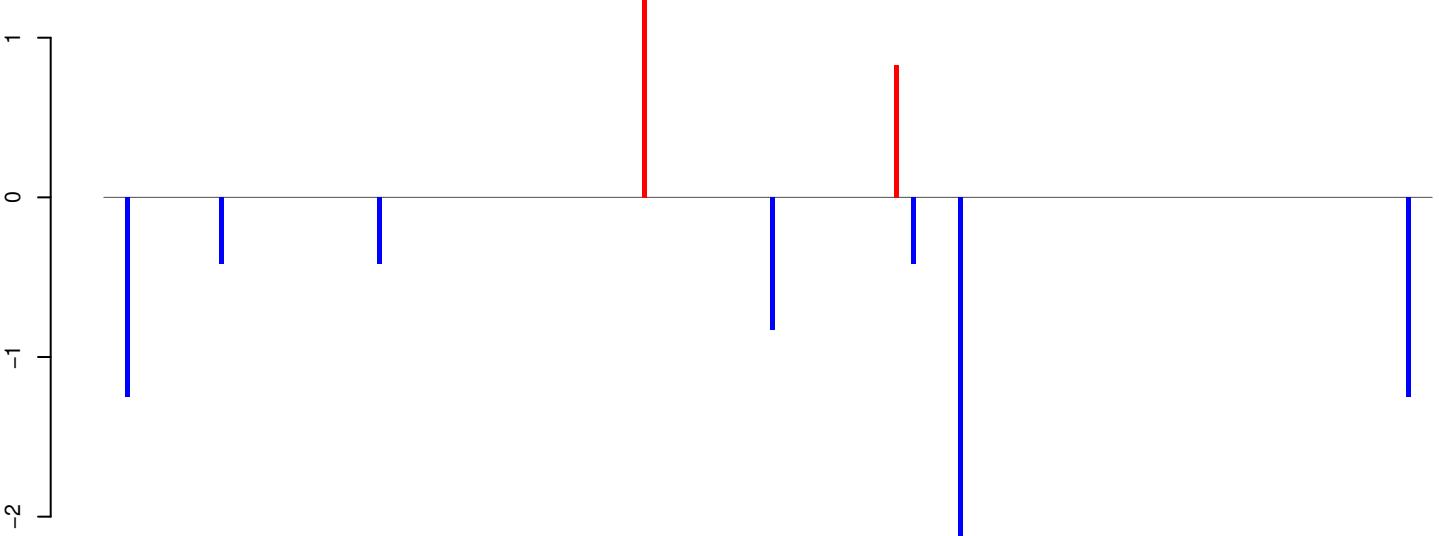
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=2, negative=7, total=9

### AeAeg\_Whole\_sm\_r123\_JM.rep

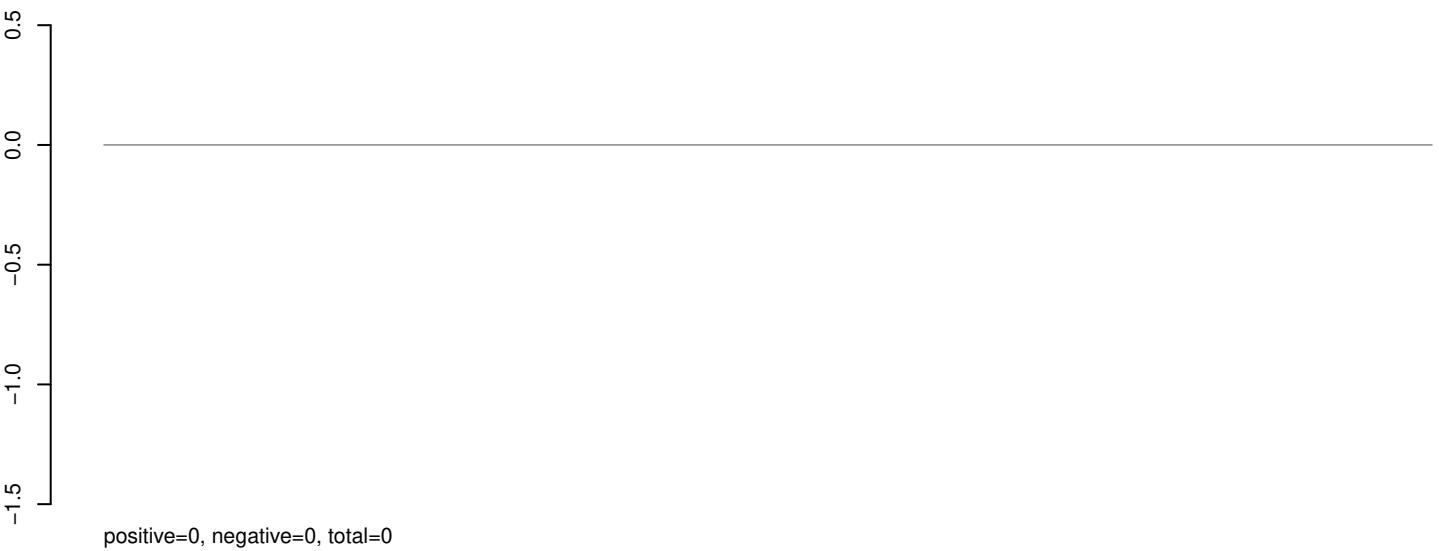


positive=2, negative=7, total=9

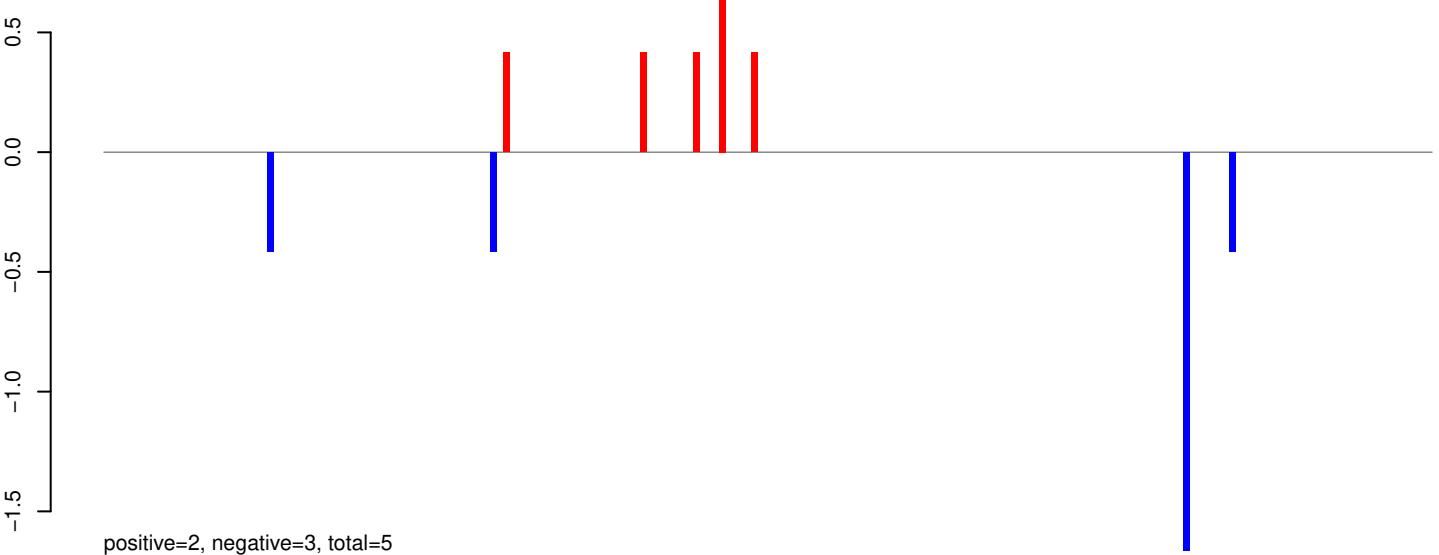
Window size=25, length=7764, TE@TF000140-Ty3\_gypsy\_Ele45:1-7764

0 2000 4000 6000 8000

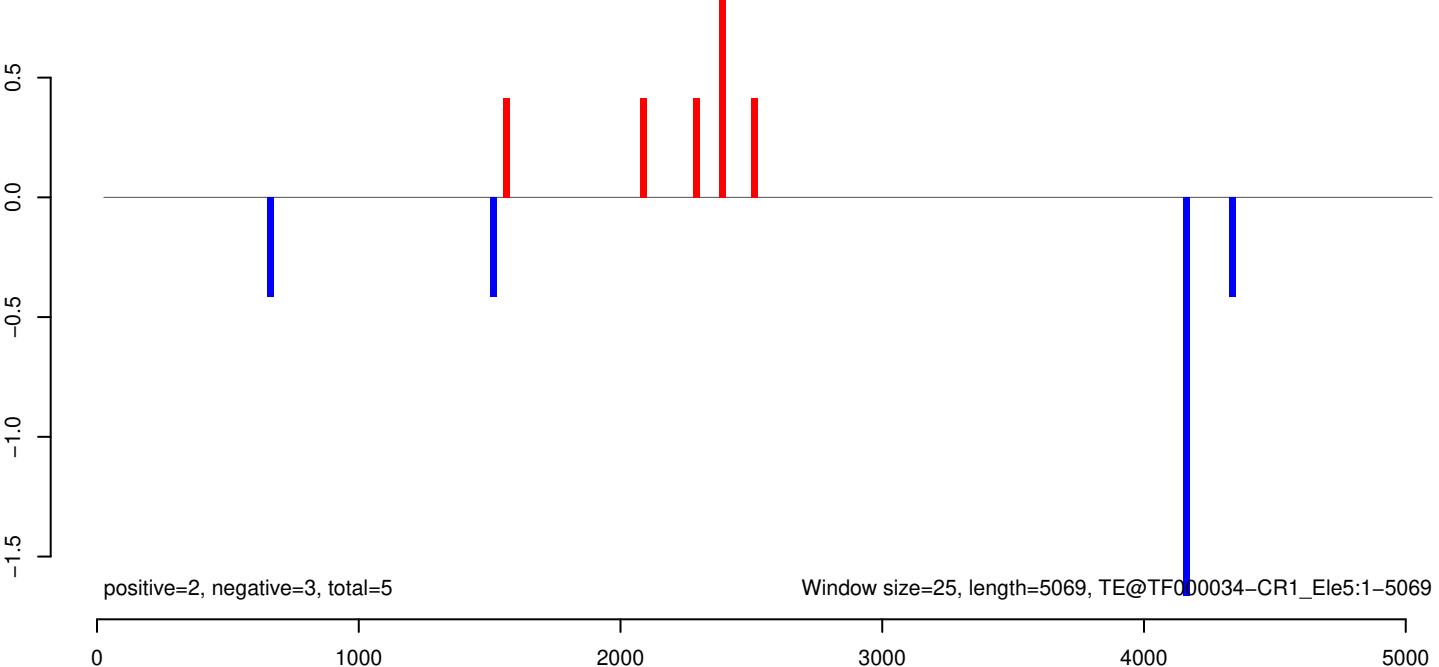
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



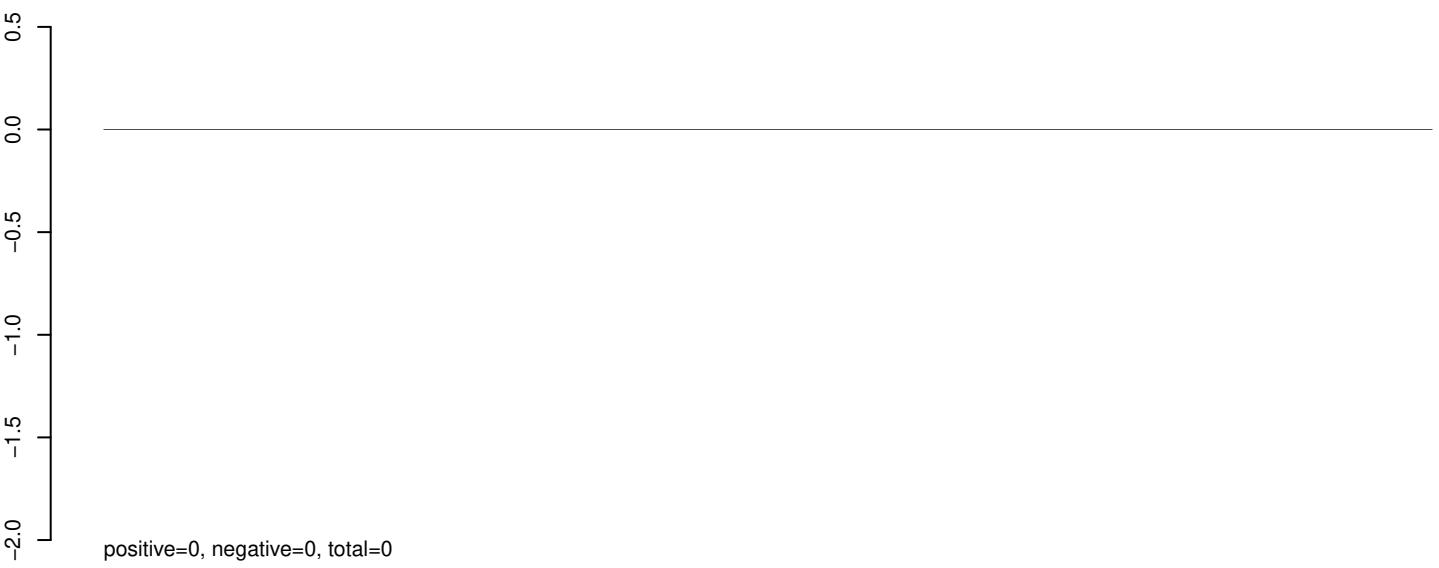
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



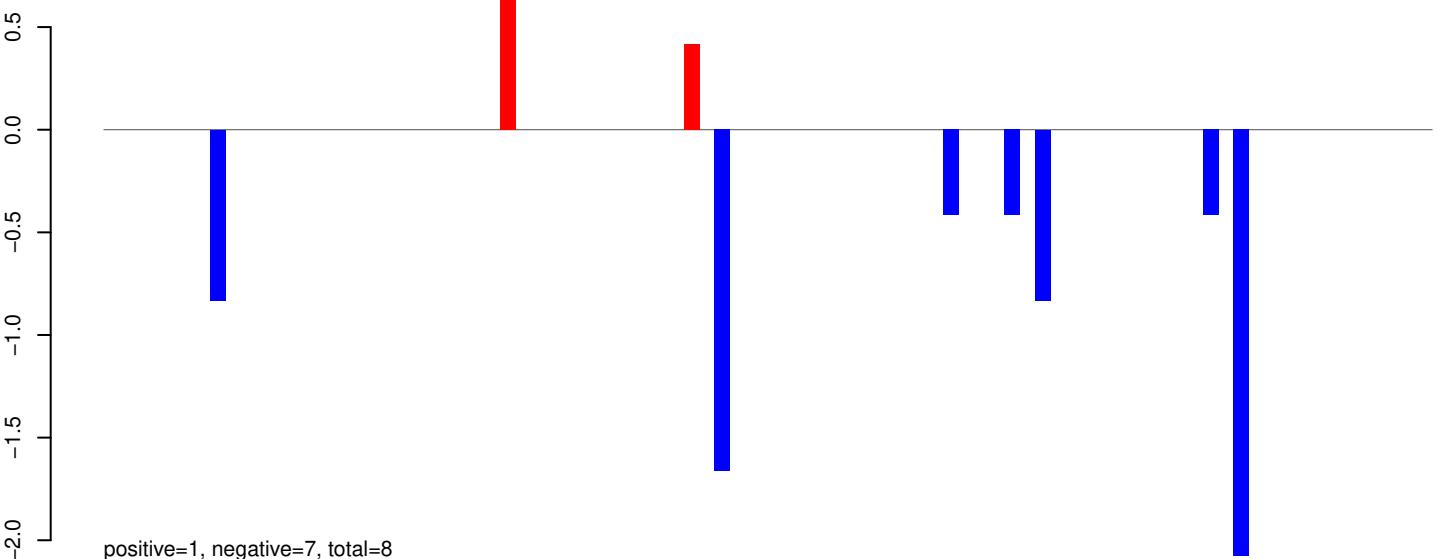
**AeAeg\_Whole\_sm\_r123\_JM.rep**



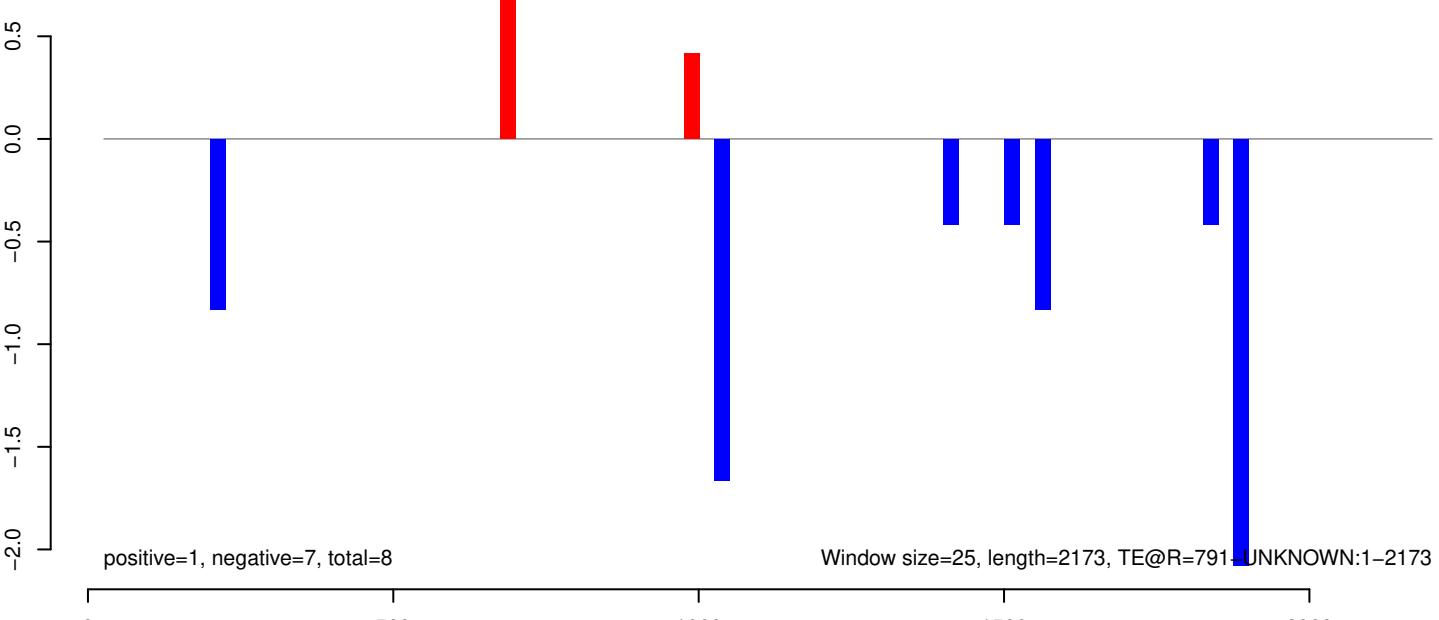
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



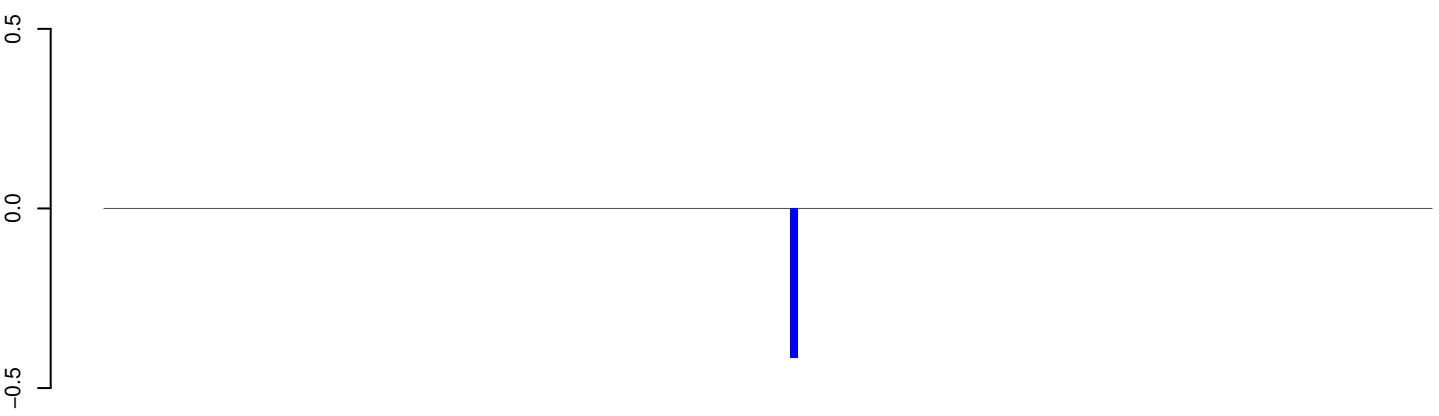
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

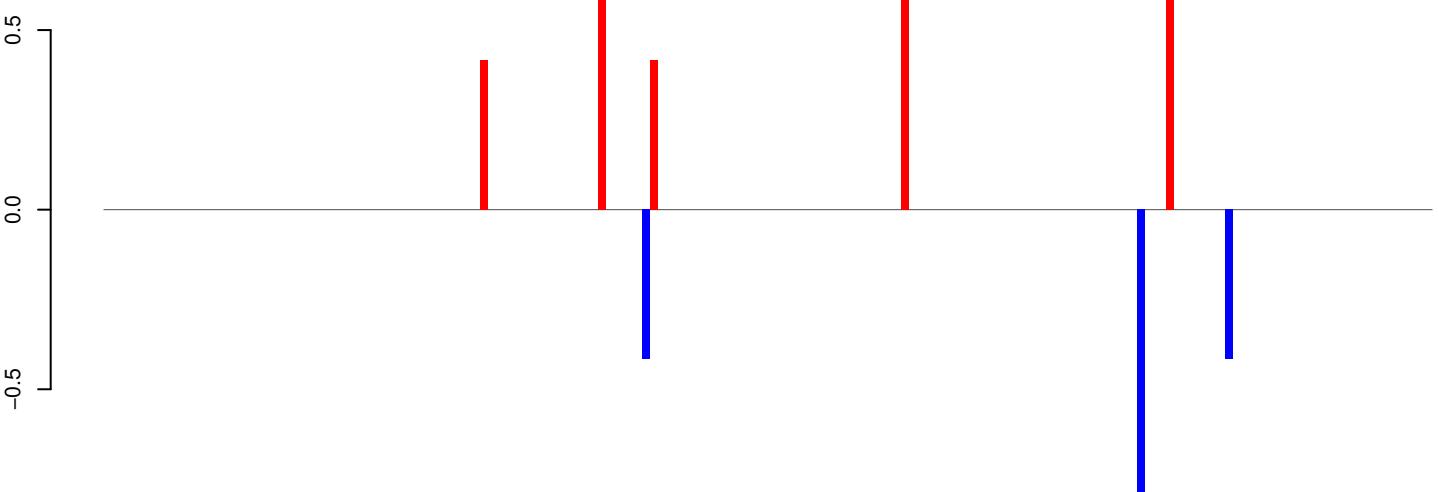


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



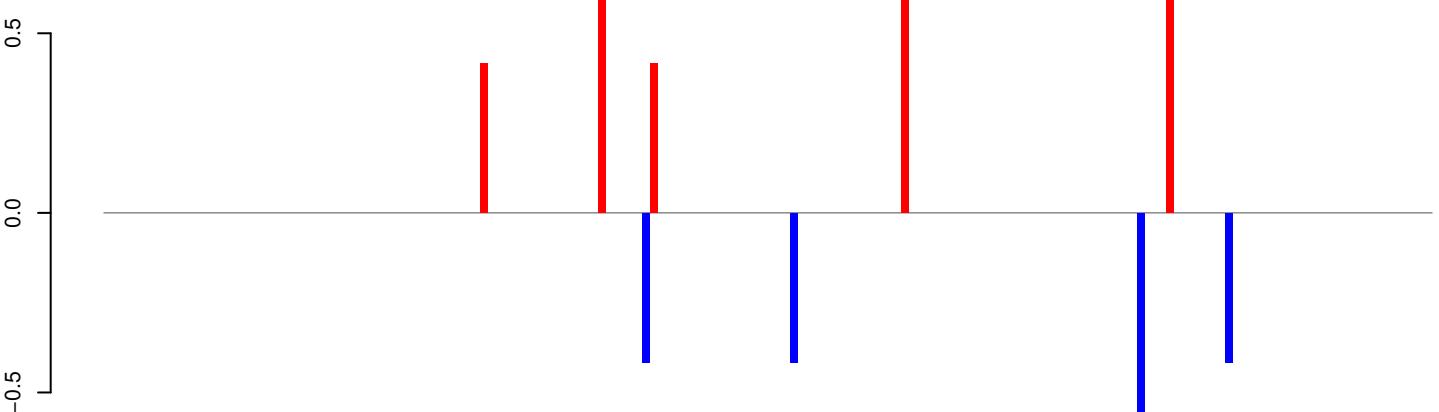
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=3, negative=2, total=5

**AeAeg\_Whole\_sm\_r123\_JM.rep**

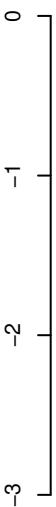


positive=3, negative=2, total=5

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

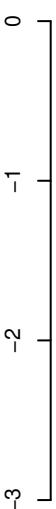
0 1000 2000 3000 4000

AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



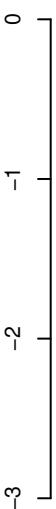
positive=0, negative=0, total=0

AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



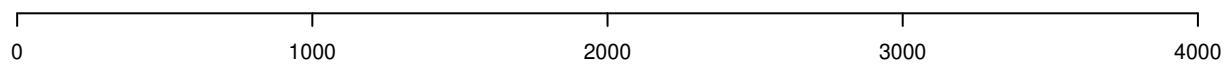
positive=0, negative=10, total=10

AeAeg\_Whole\_sm\_r123\_JM.rep

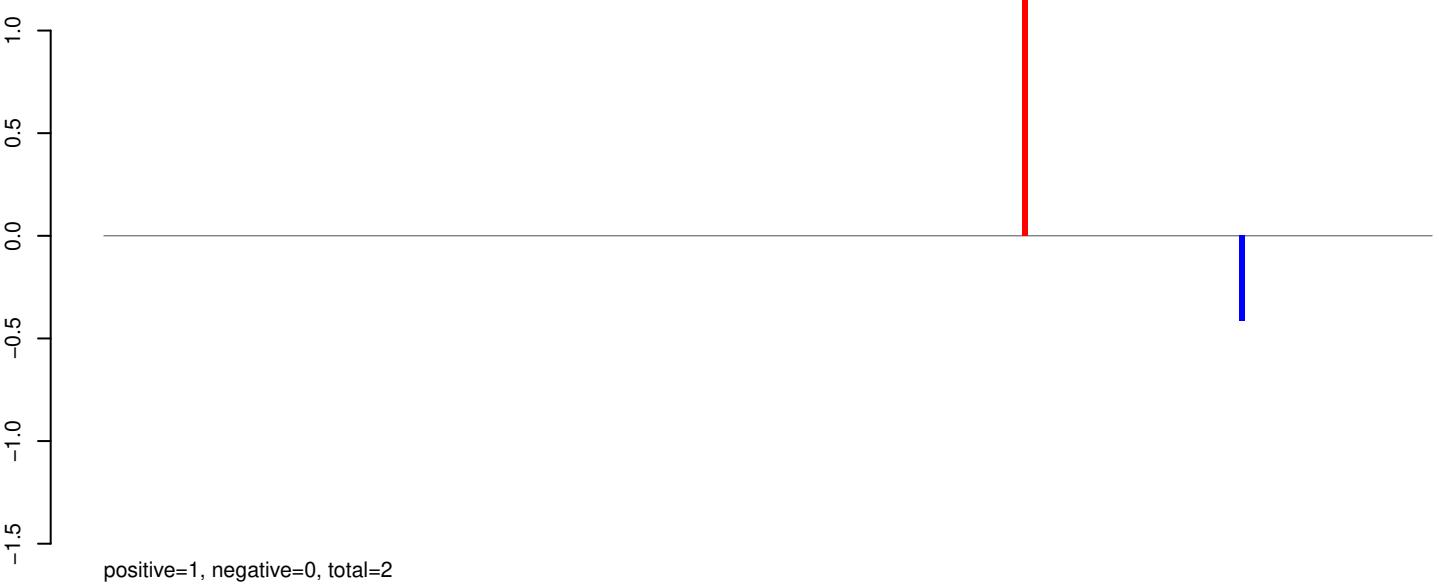


positive=0, negative=10, total=10

Window size=25, length=4484, TE@Gypsy-17\_AA-LTR-I:1-4484



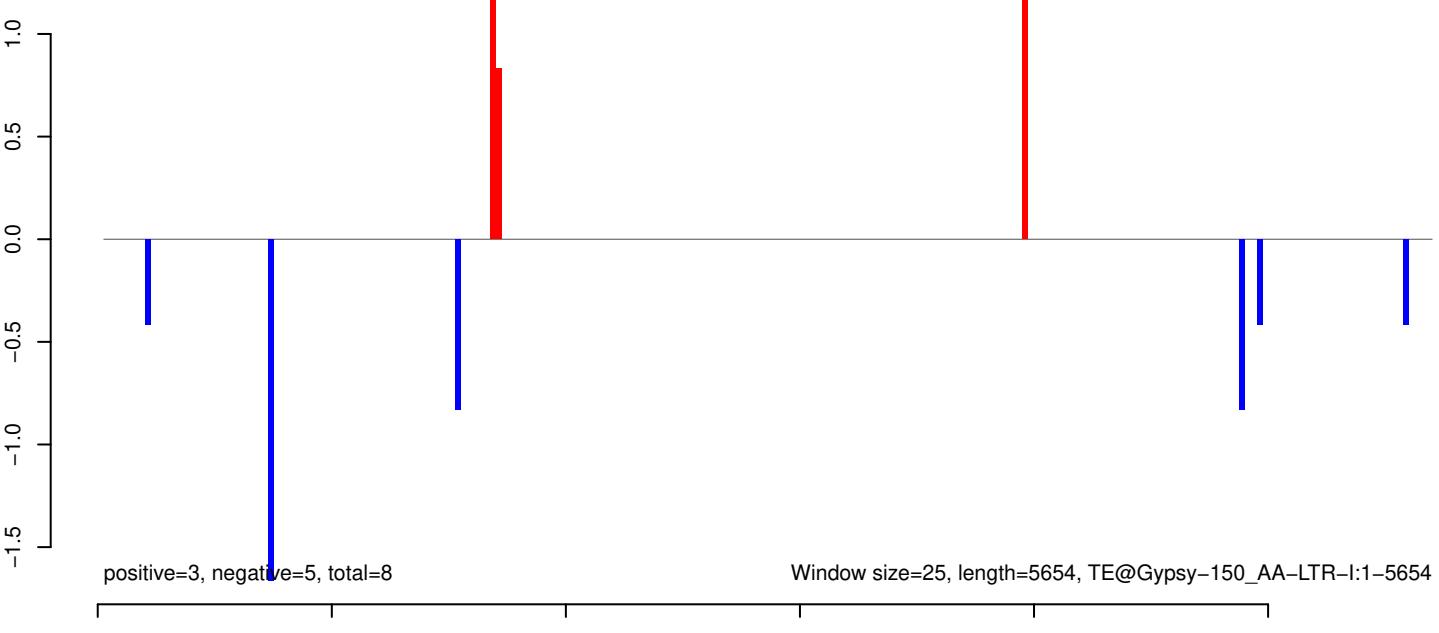
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



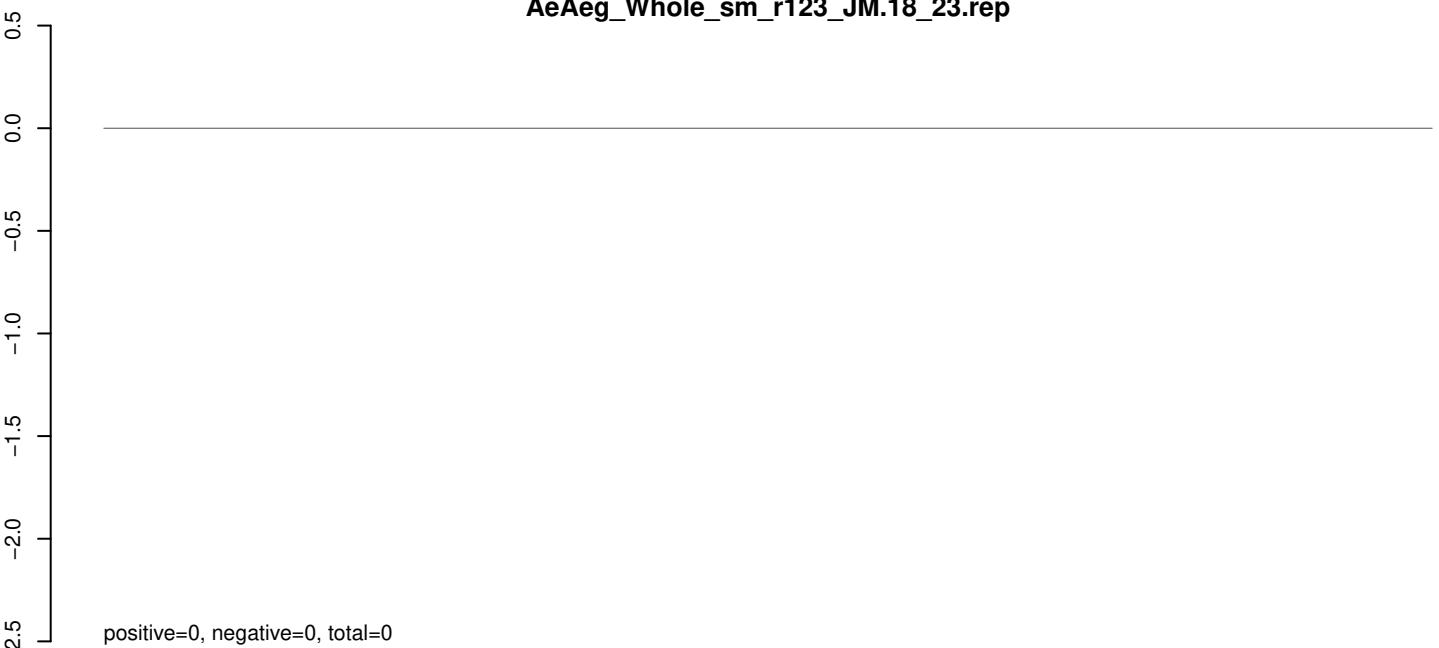
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



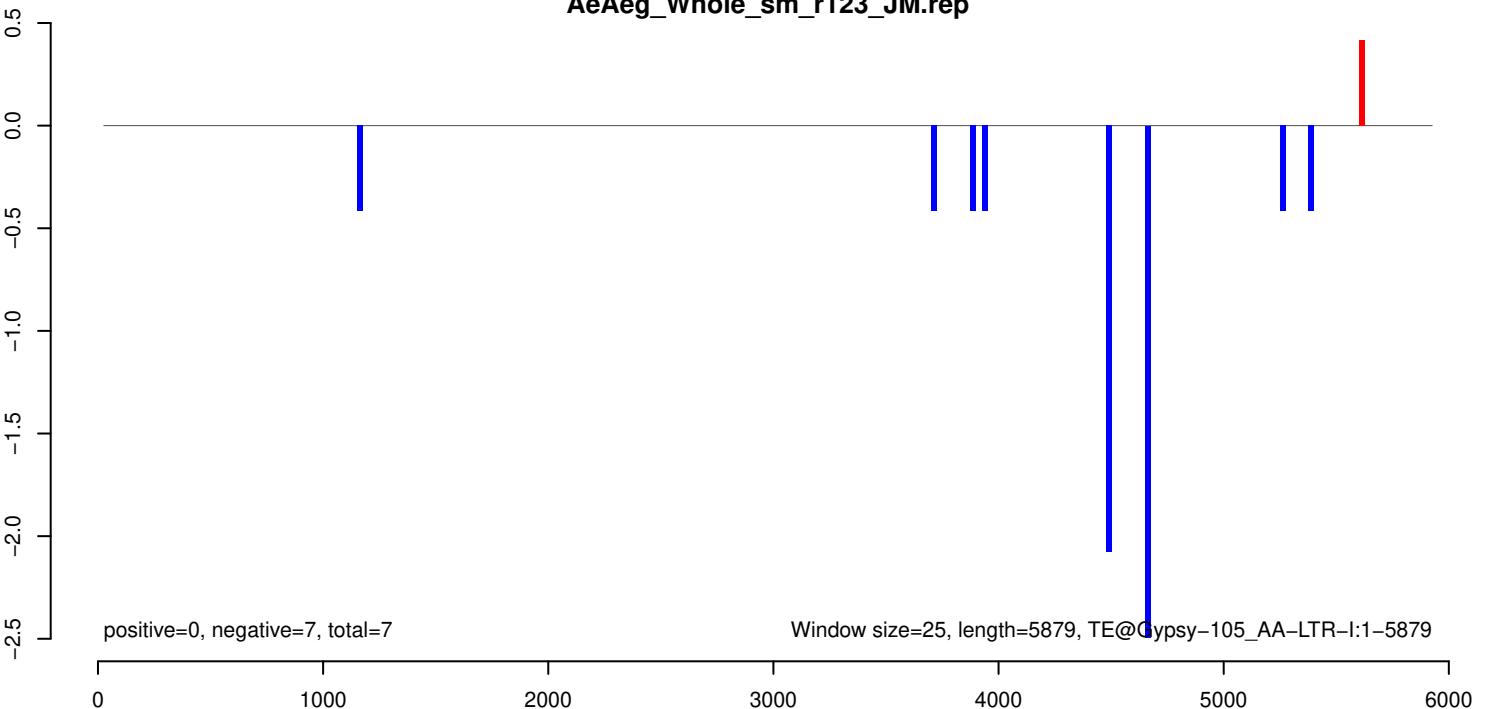
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



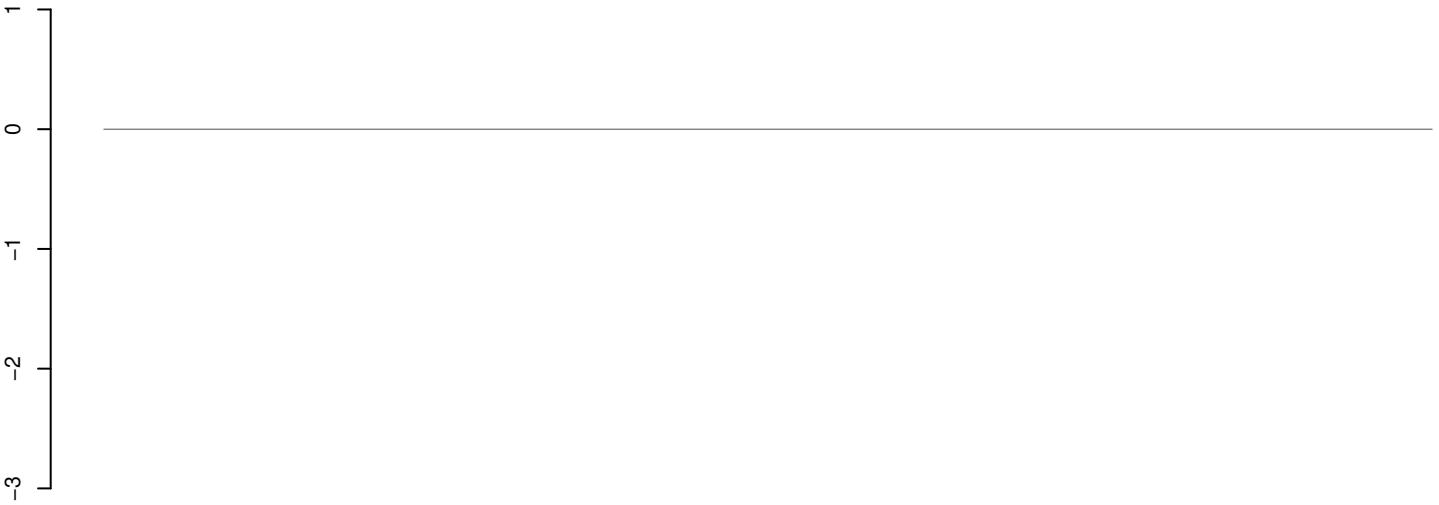
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



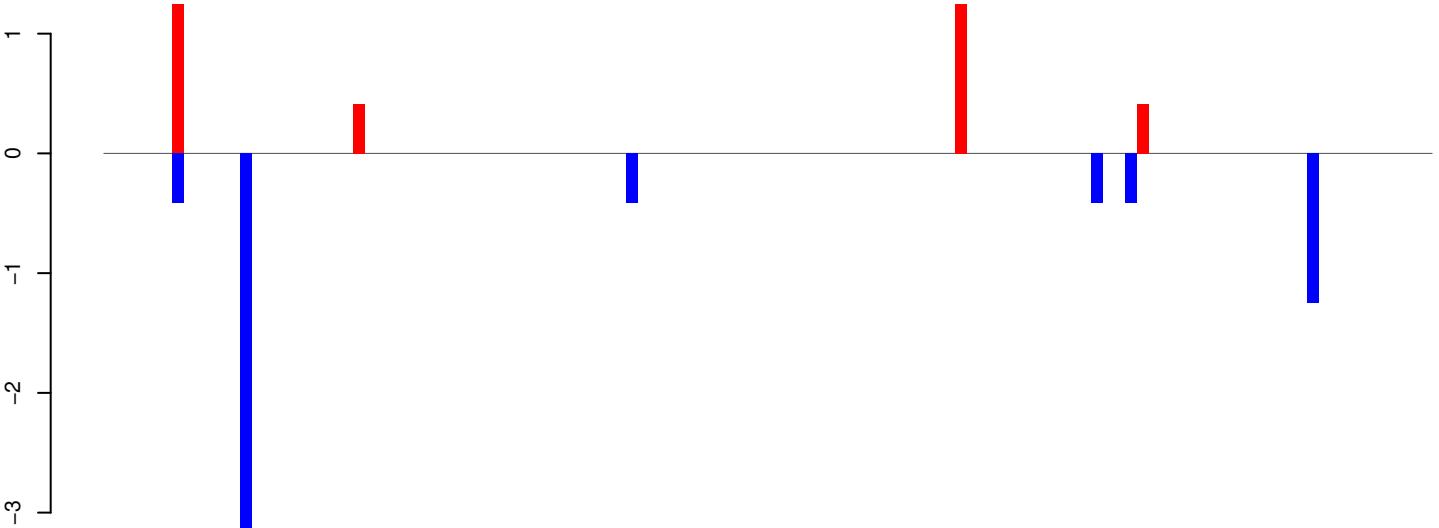
### AeAeg\_Whole\_sm\_r123\_JM.rep



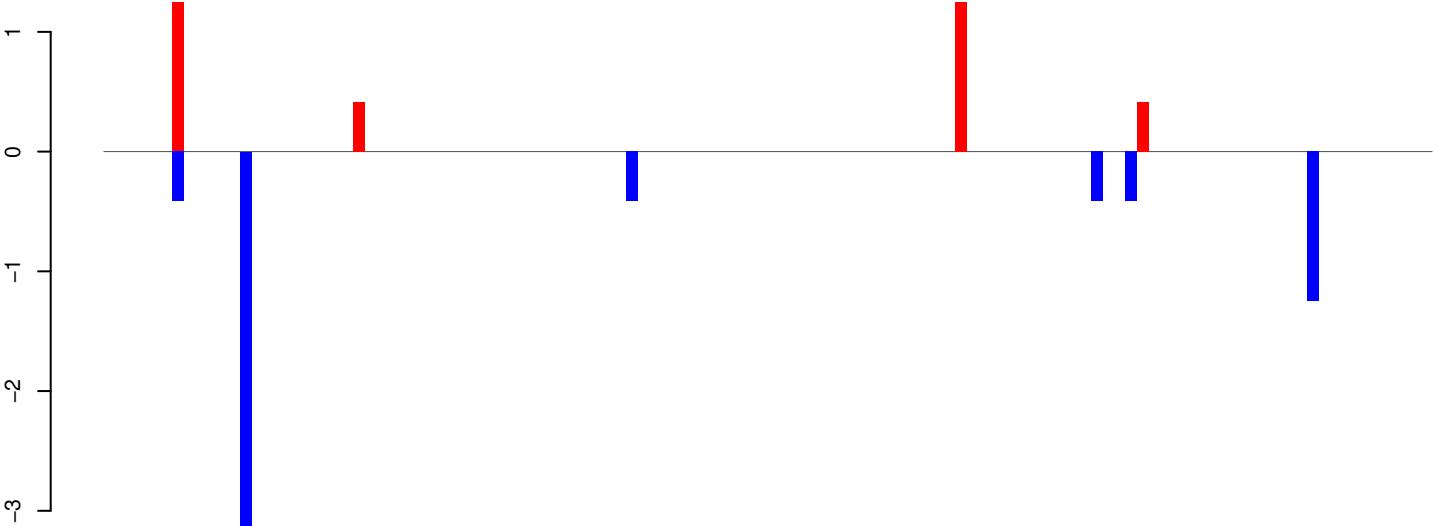
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



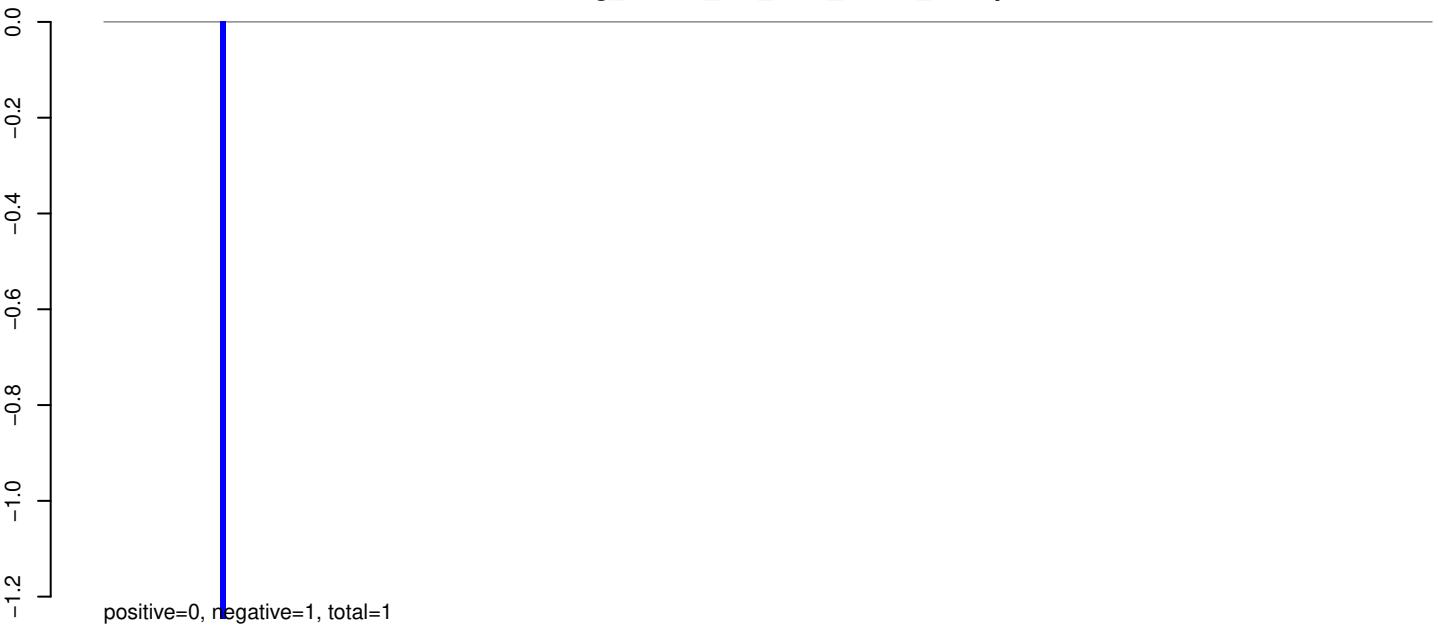
### AeAeg\_Whole\_sm\_r123\_JM.rep



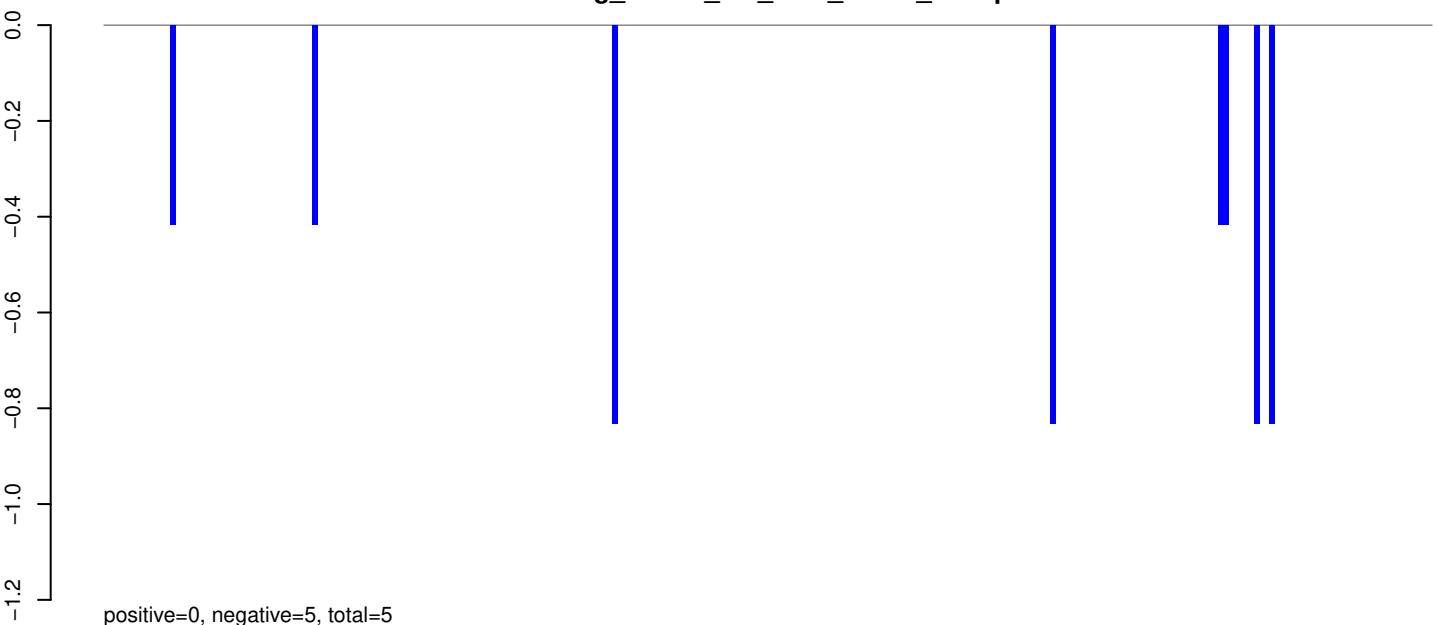
Window size=25, length=2908, TE@CR1\_Ele32:1–2908

0 500 1000 1500 2000 2500 3000

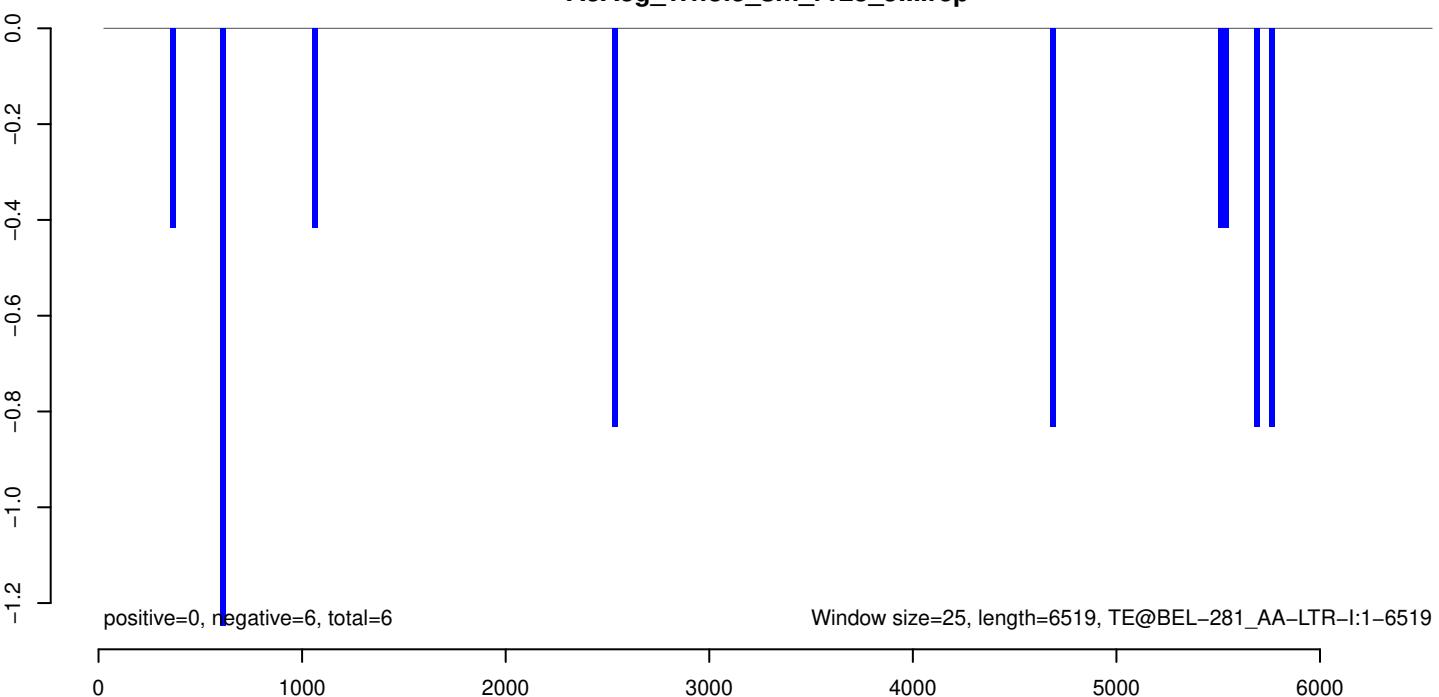
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



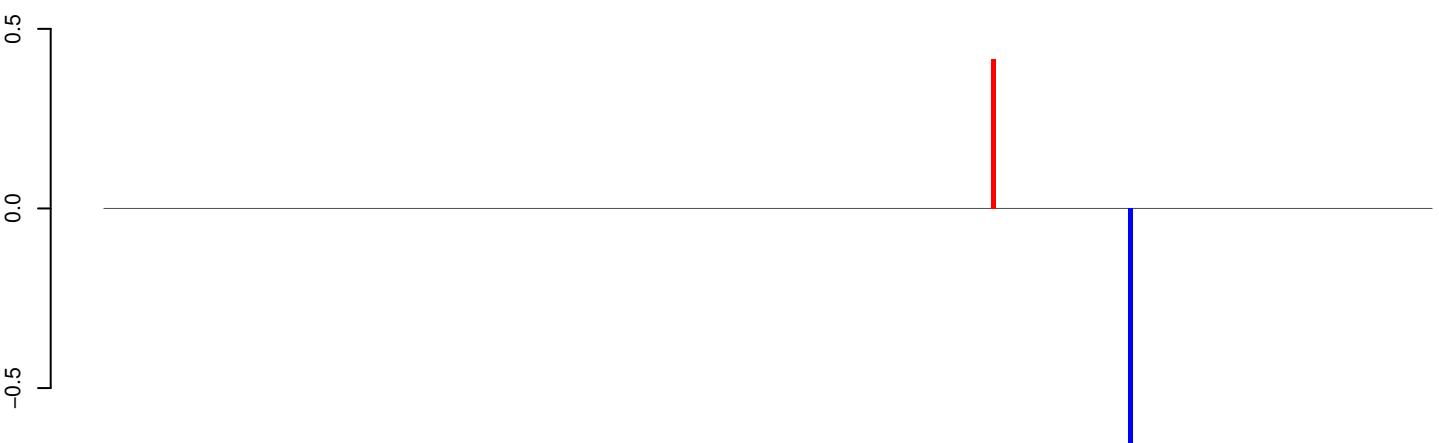
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



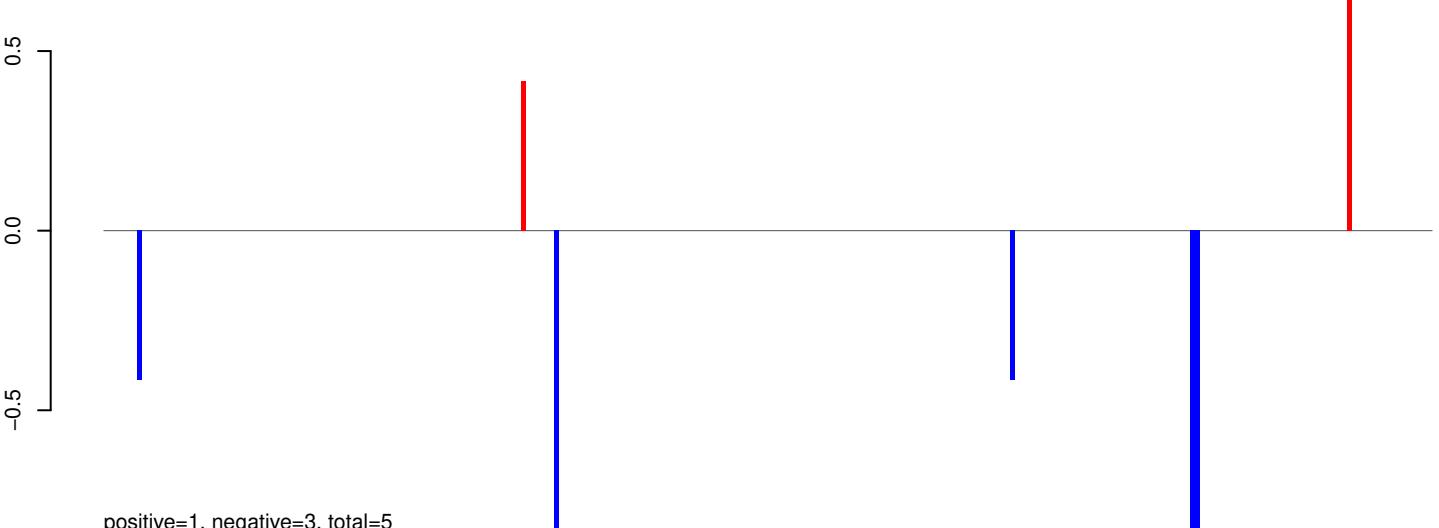
### AeAeg\_Whole\_sm\_r123\_JM.rep



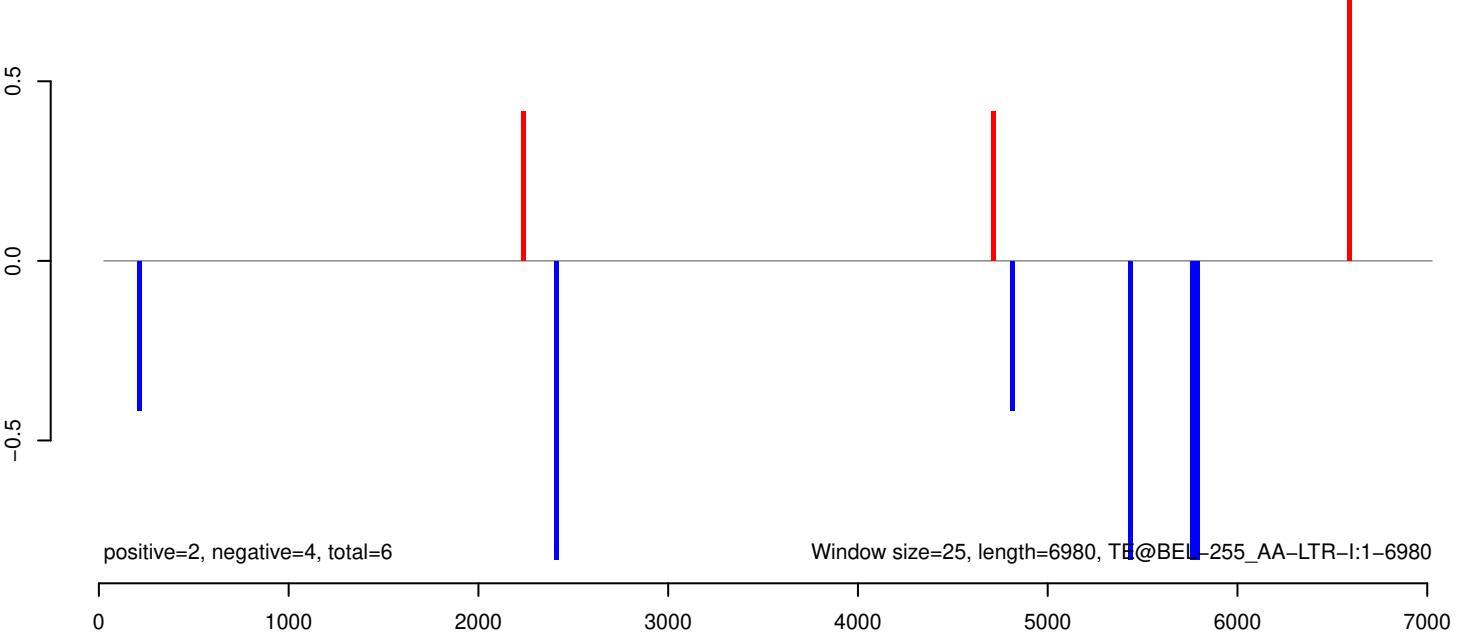
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



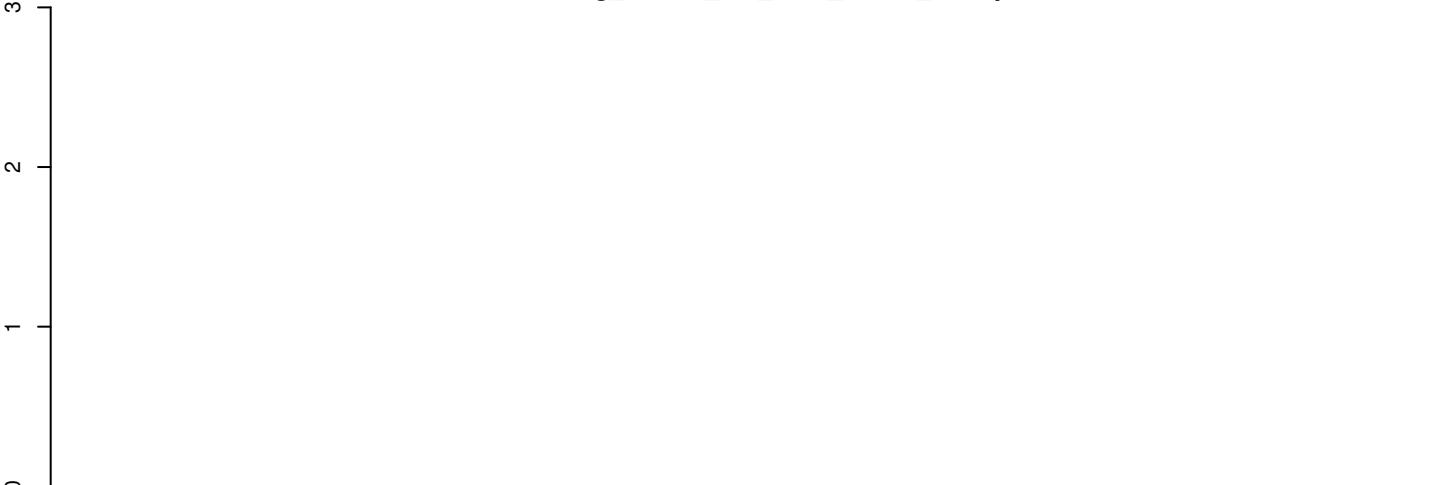
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

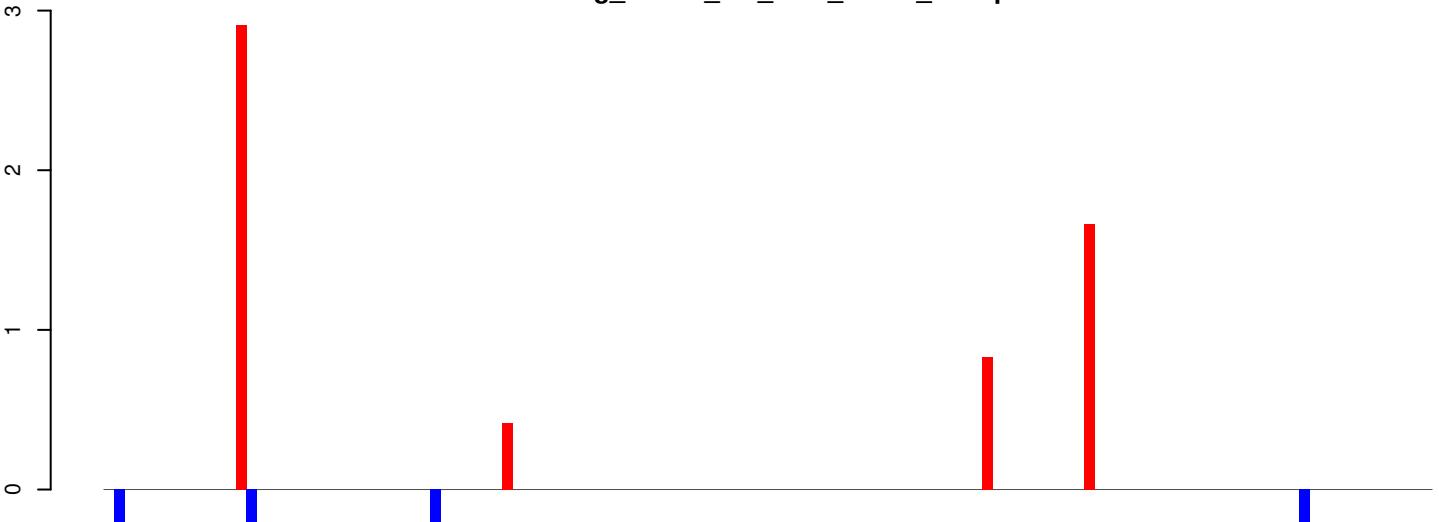


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



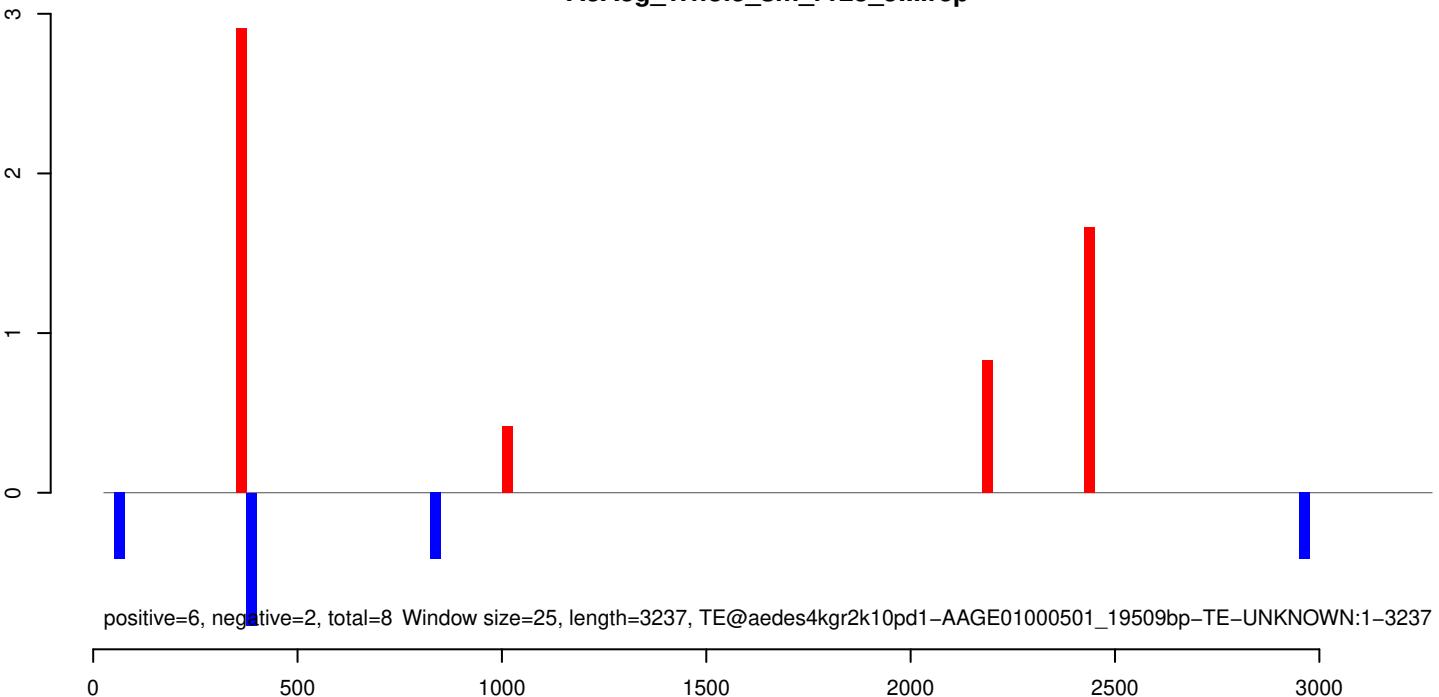
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



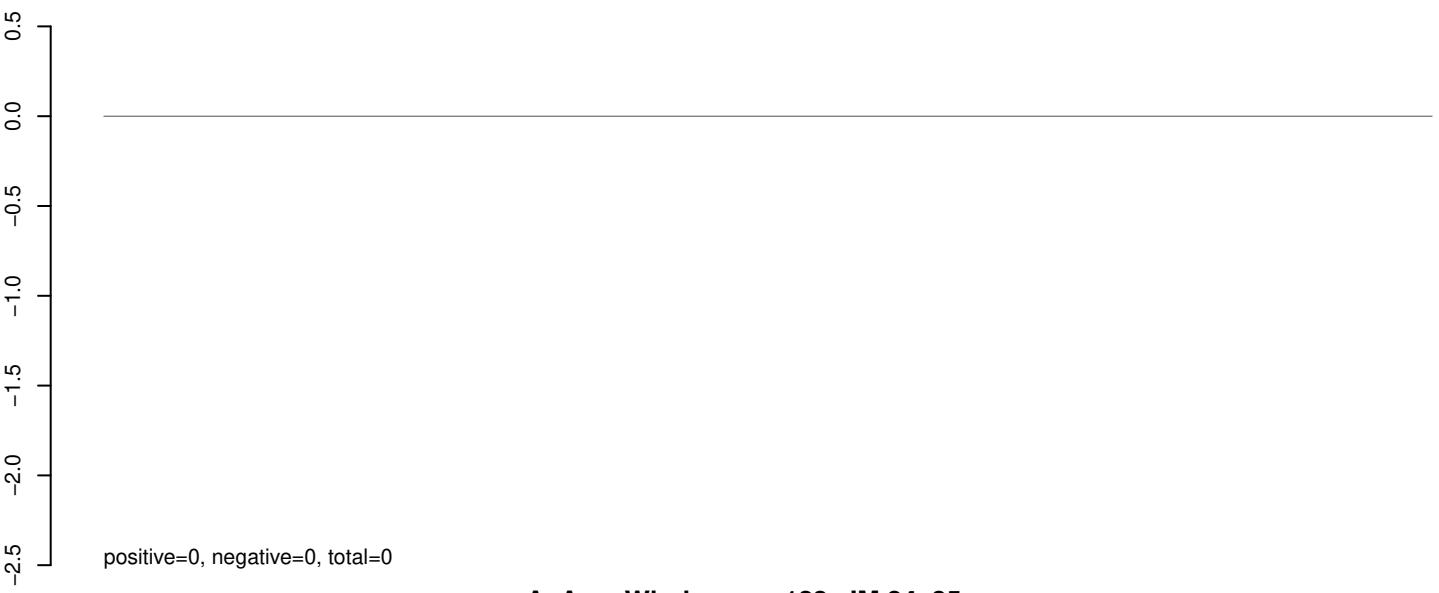
positive=6, negative=2, total=8

### AeAeg\_Whole\_sm\_r123\_JM.rep

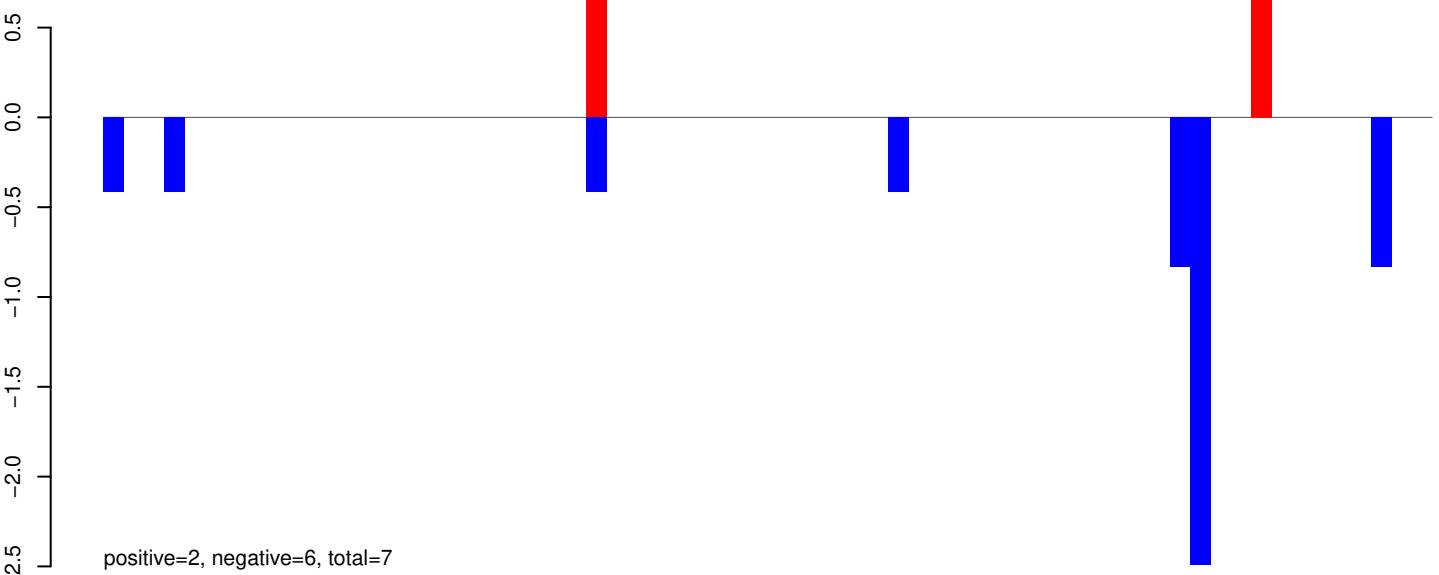


positive=6, negative=2, total=8 Window size=25, length=3237, TE@aedes4kgr2k10pd1-AAGE01000501\_19509bp-TE-UNKNOWN:1-3237

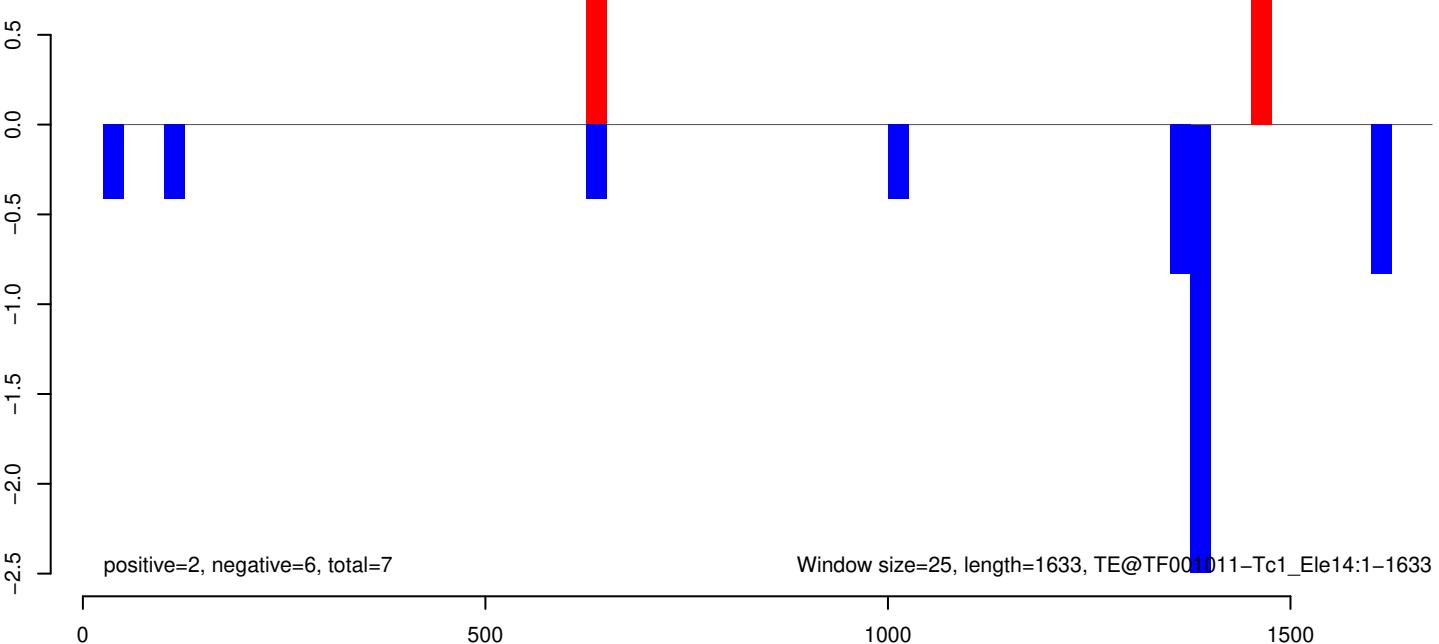
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



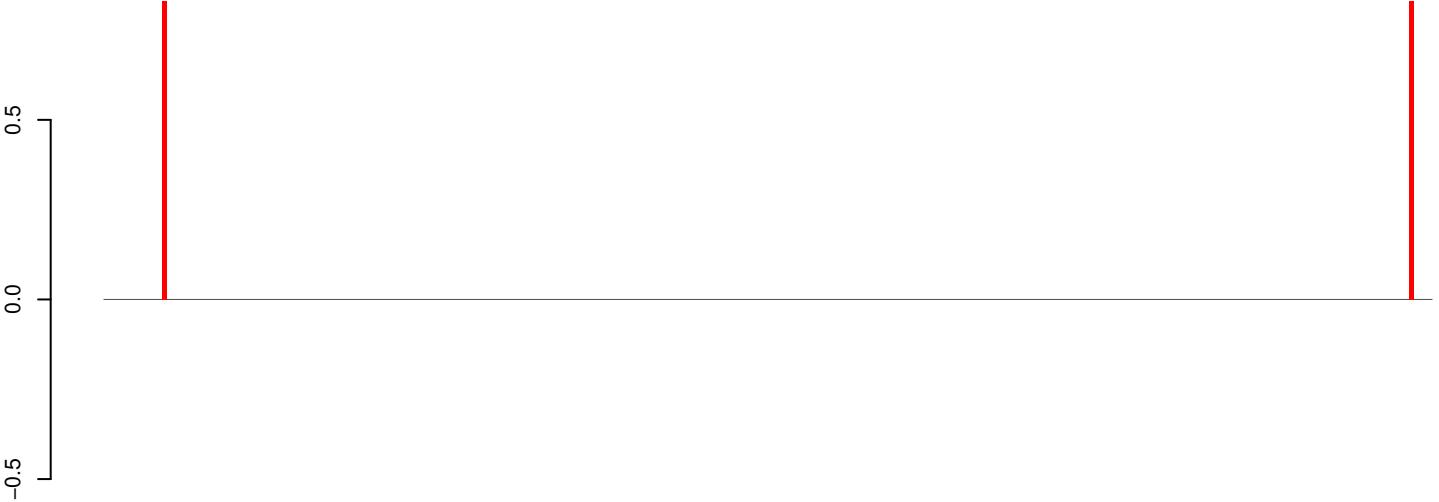
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

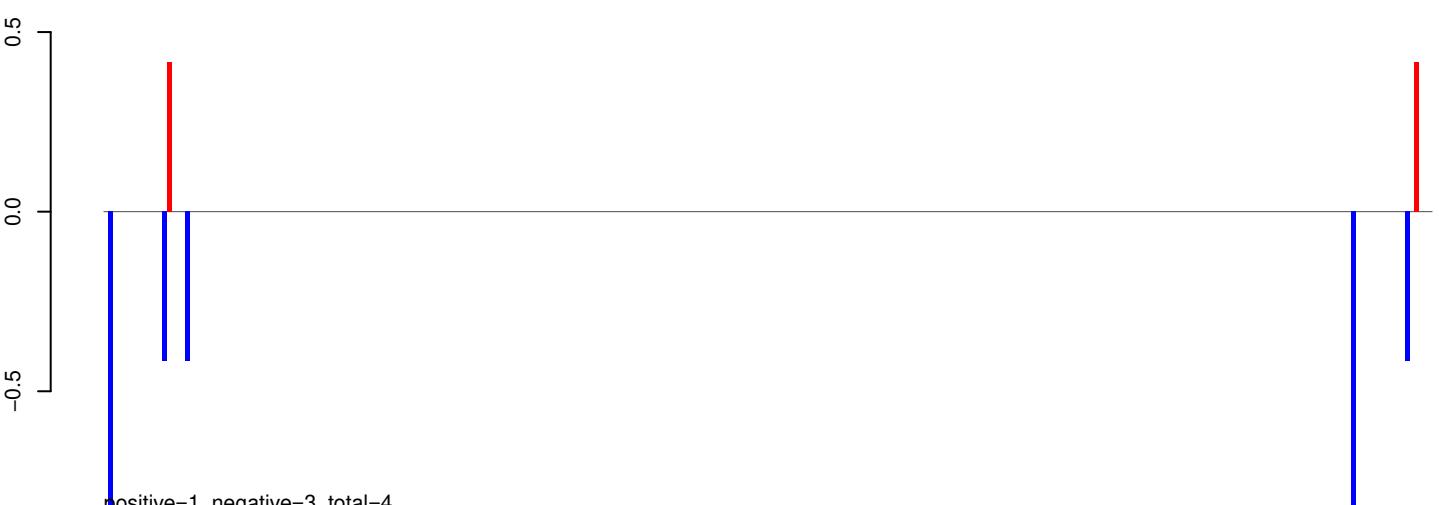


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



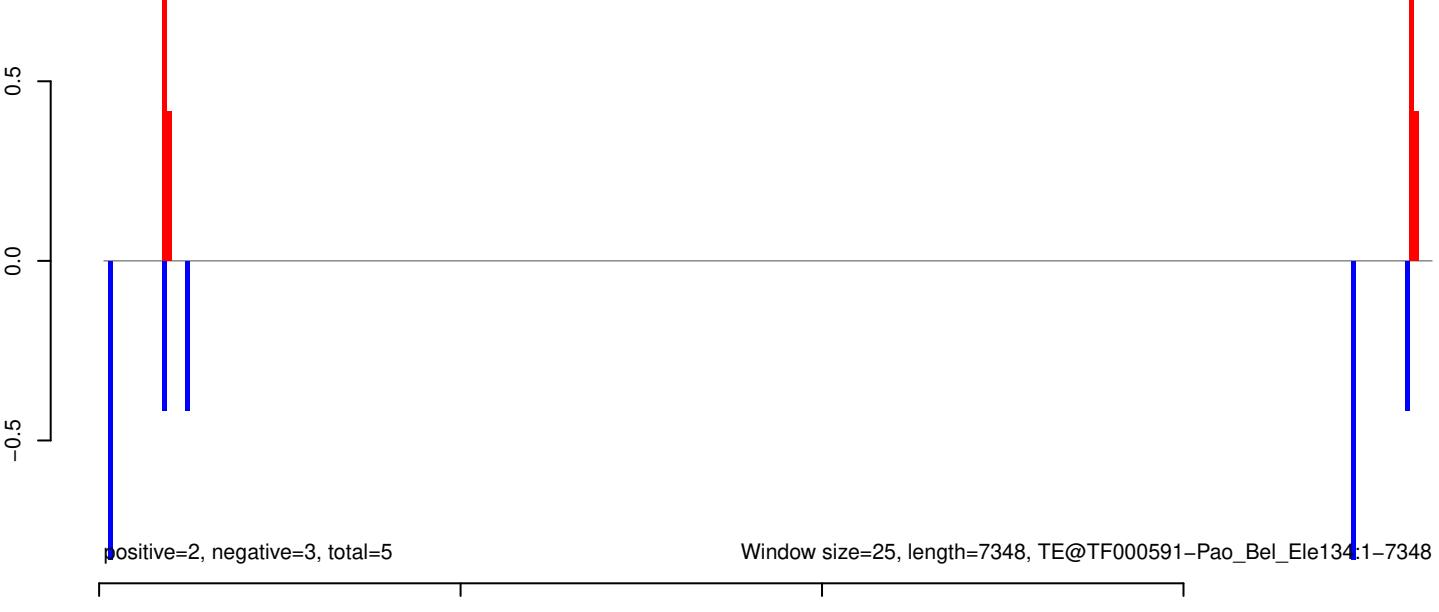
positive=2, negative=0, total=2

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=1, negative=3, total=4

### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=2, negative=3, total=5

Window size=25, length=7348, TE@TF000591-Pao\_Bel\_Ele1341-7348

0 2000 4000 6000

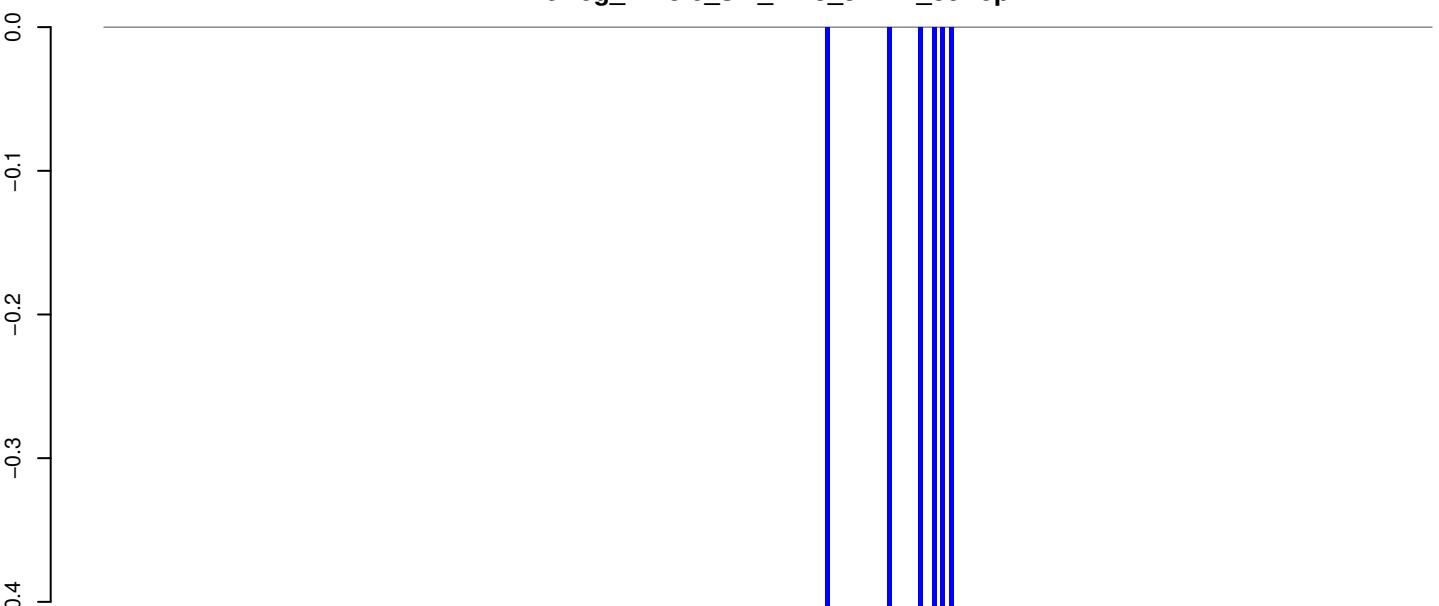
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

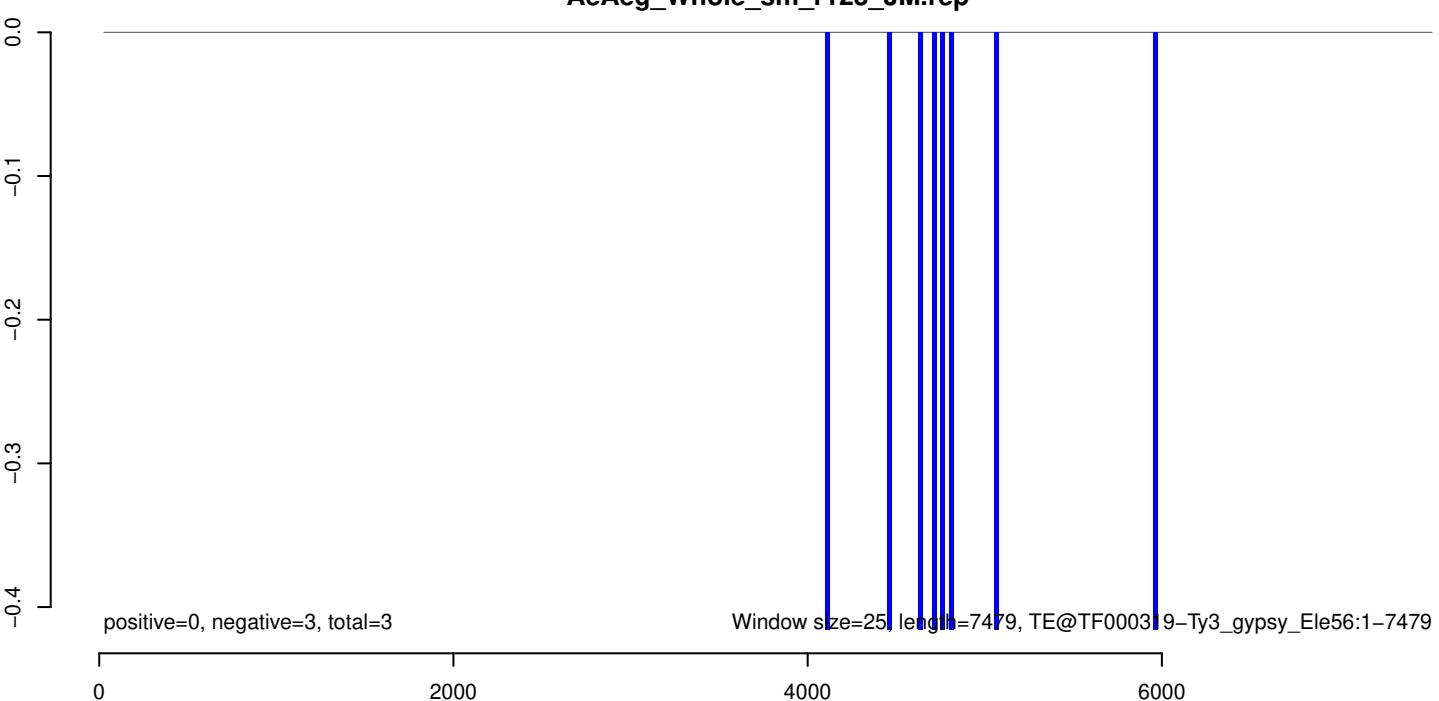
positive=0, negative=2, total=2



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=3, total=3

Window size=25, length=7479, TE@TF00039-Ty3\_gypsy\_Ele56:1-7479

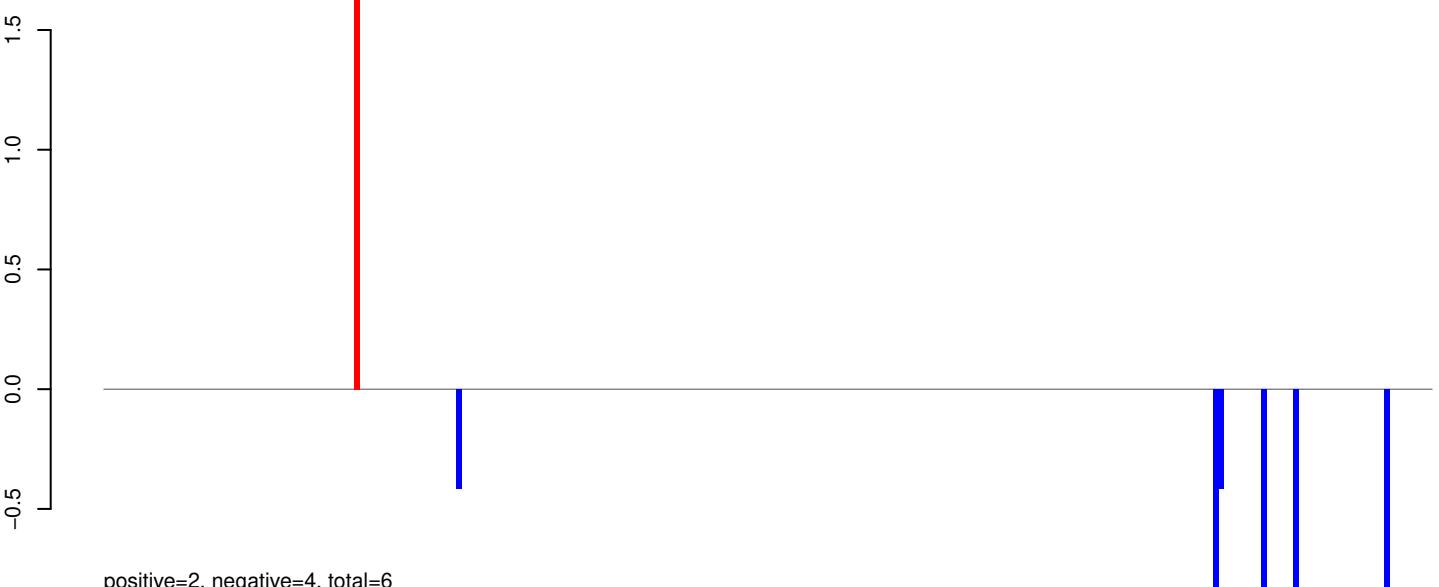


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



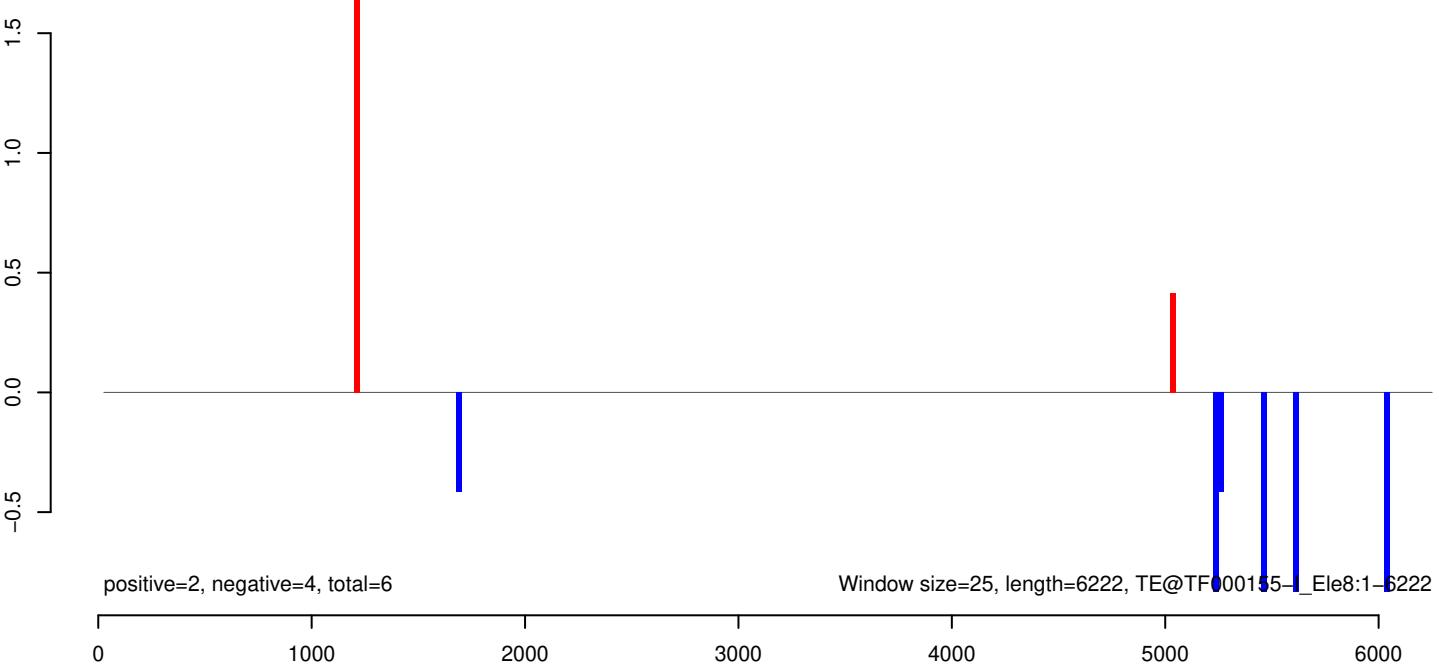
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=2, negative=4, total=6

### AeAeg\_Whole\_sm\_r123\_JM.rep

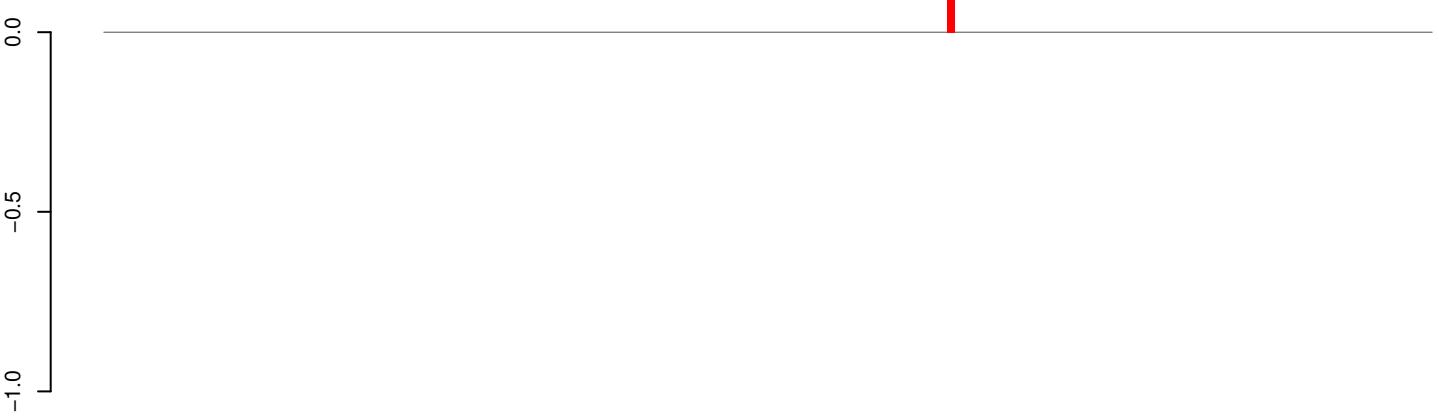


positive=2, negative=4, total=6

Window size=25, length=6222, TE@TF000155\_Ele8:1-6222

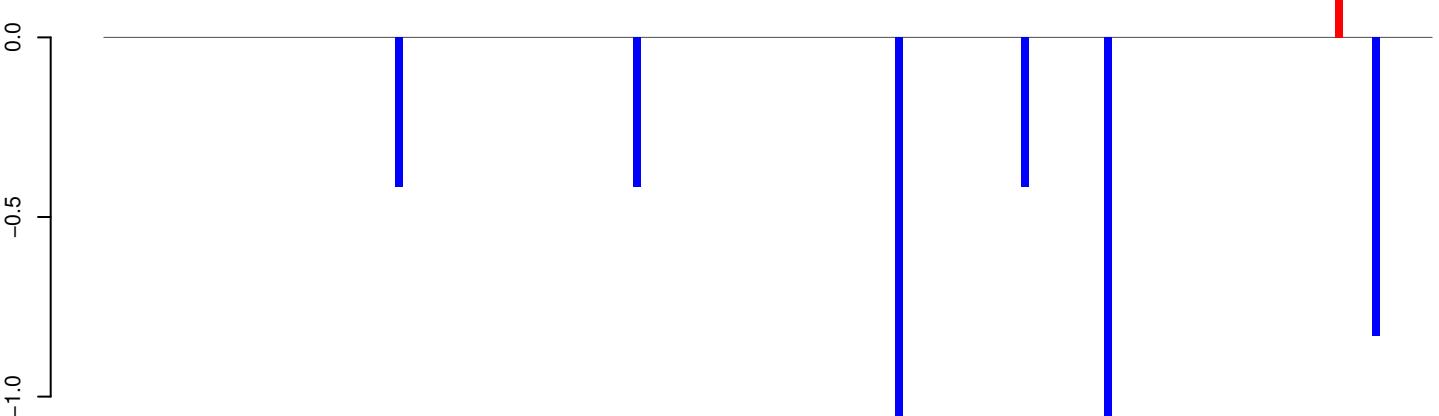
0 1000 2000 3000 4000 5000 6000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



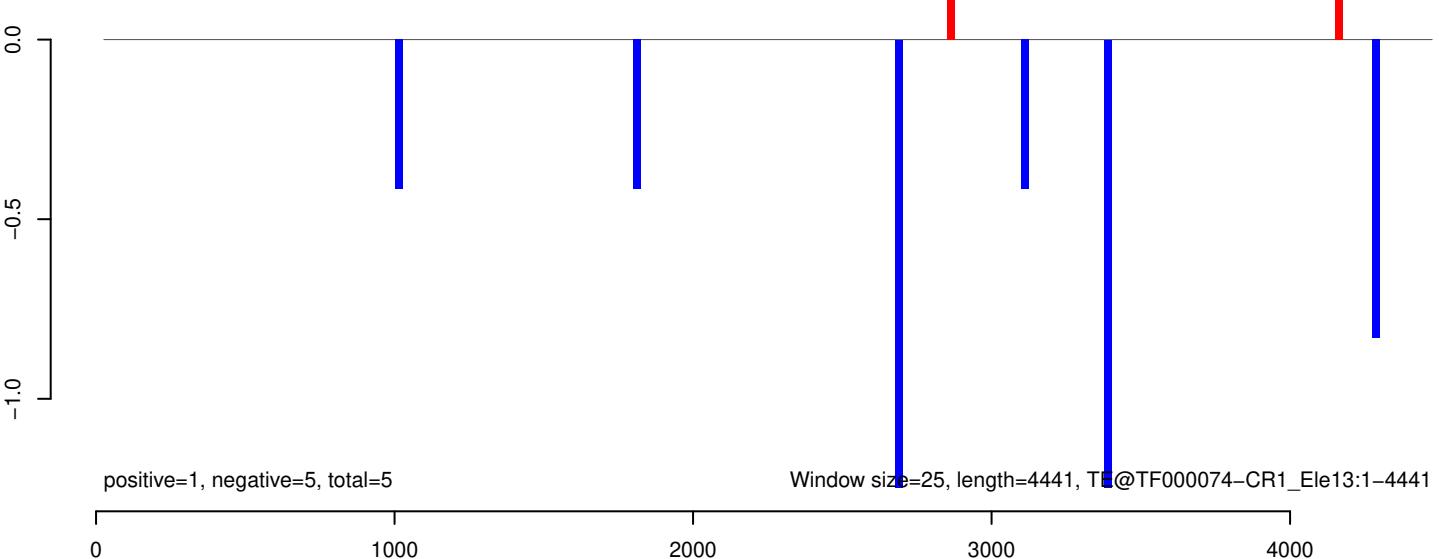
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=5, total=5

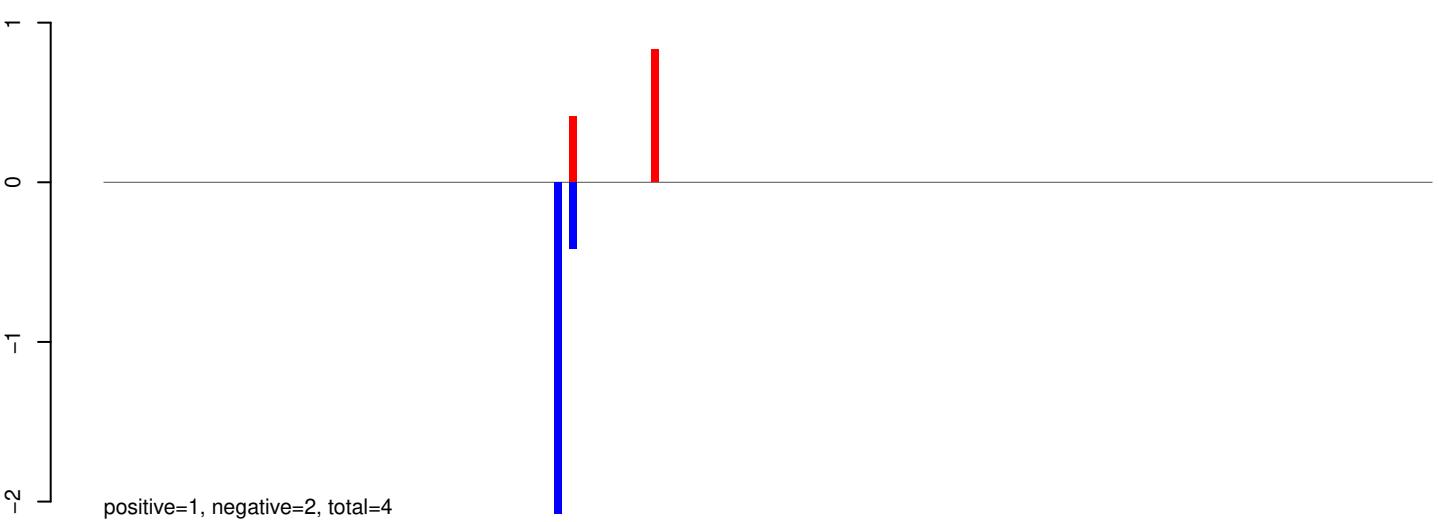
### AeAeg\_Whole\_sm\_r123\_JM.rep



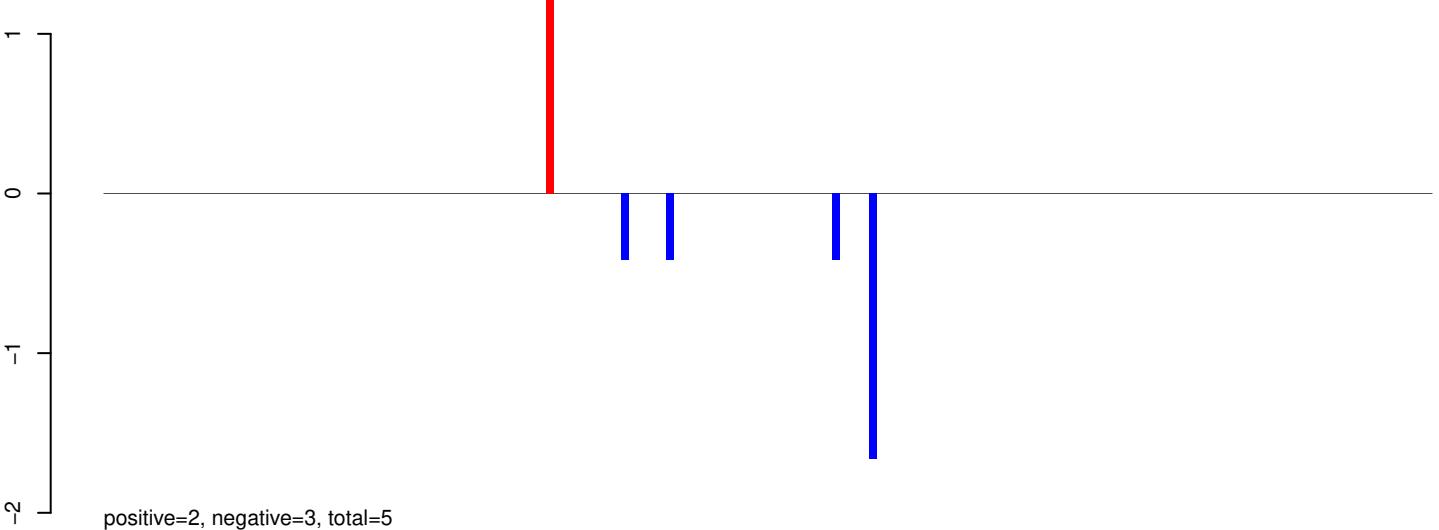
positive=1, negative=5, total=5

Window size=25, length=4441, T@TF000074-CR1\_Ele13:1-4441

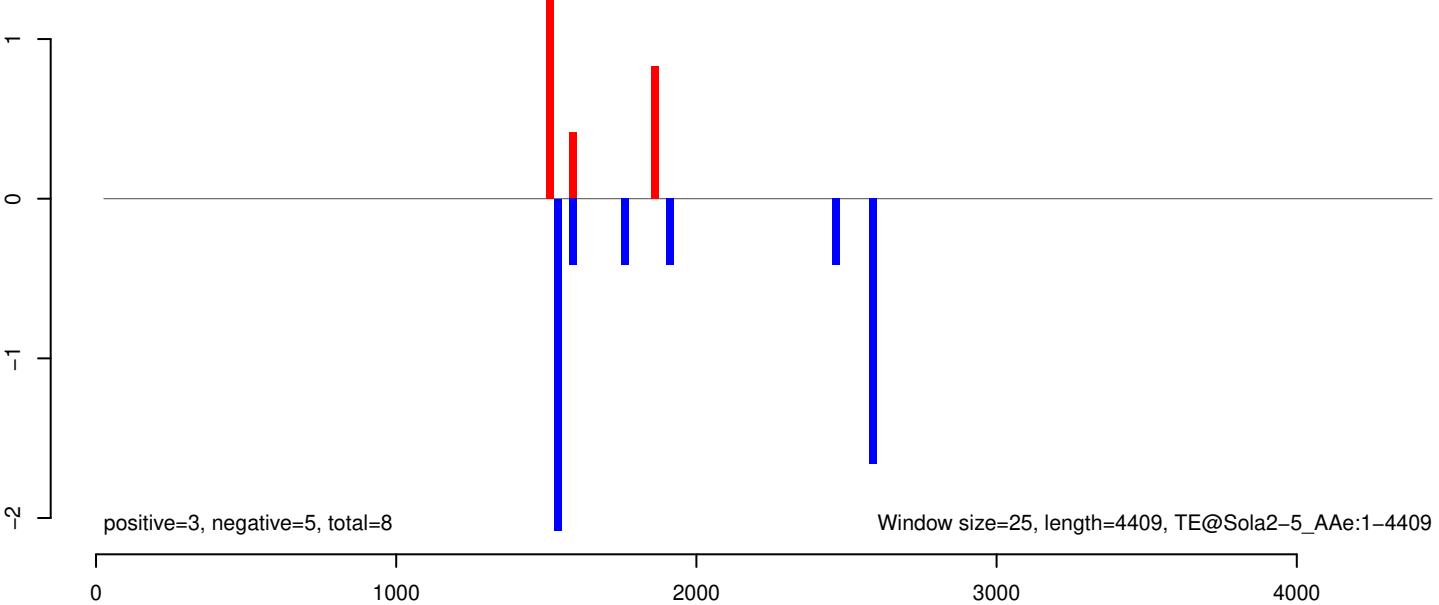
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



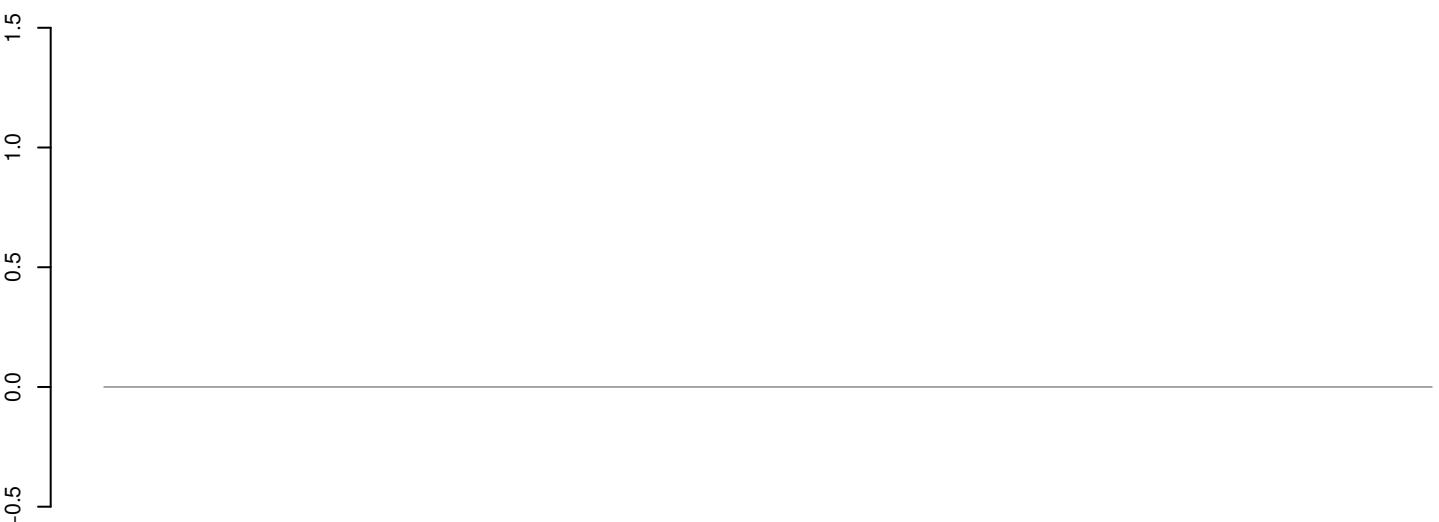
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



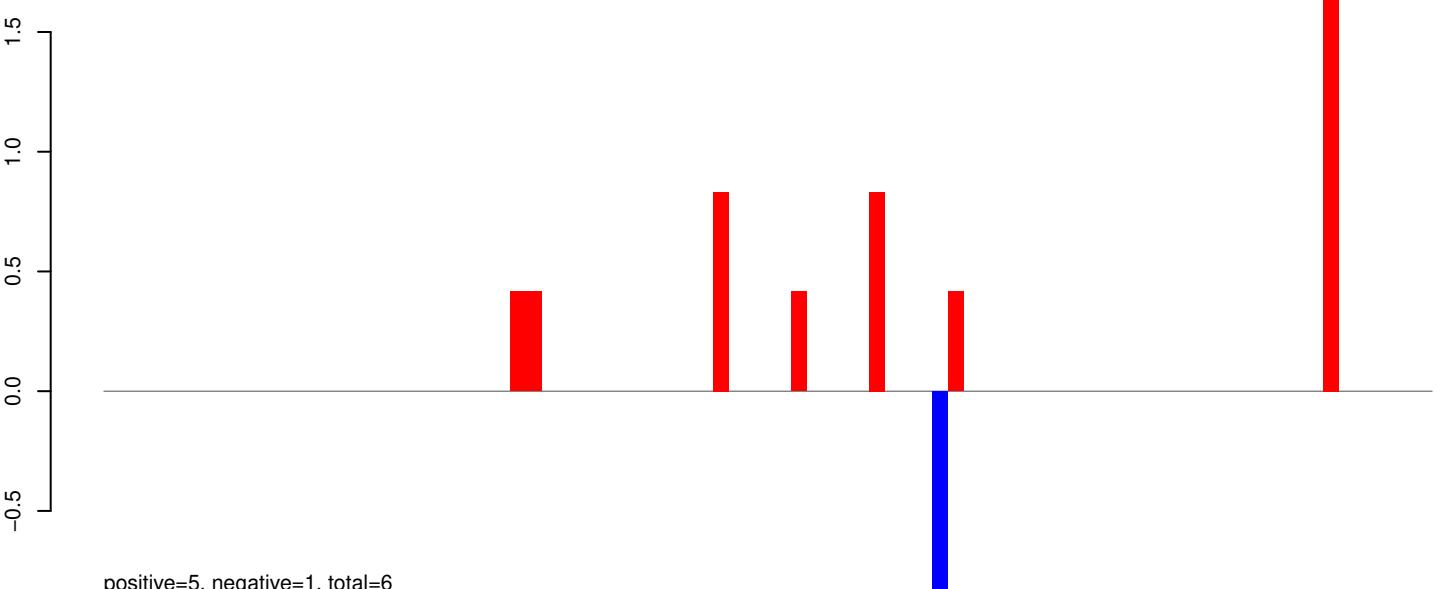
**AeAeg\_Whole\_sm\_r123\_JM.rep**



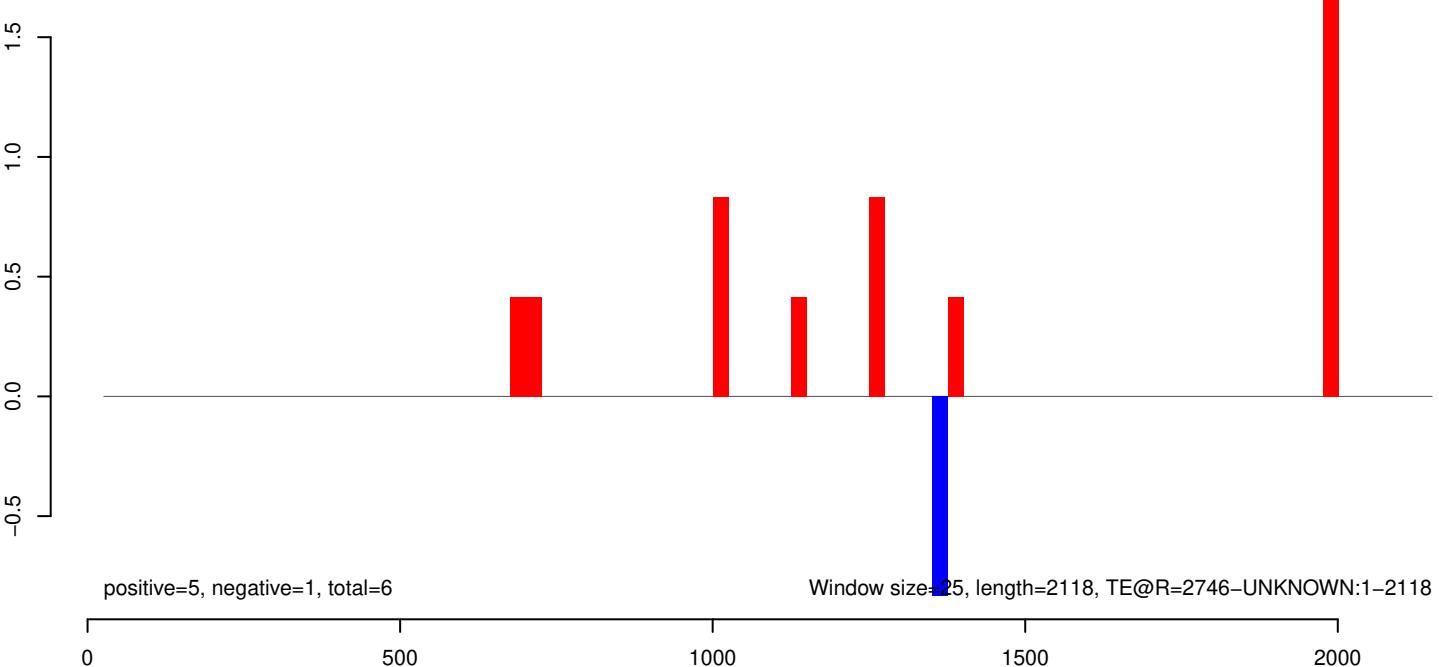
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



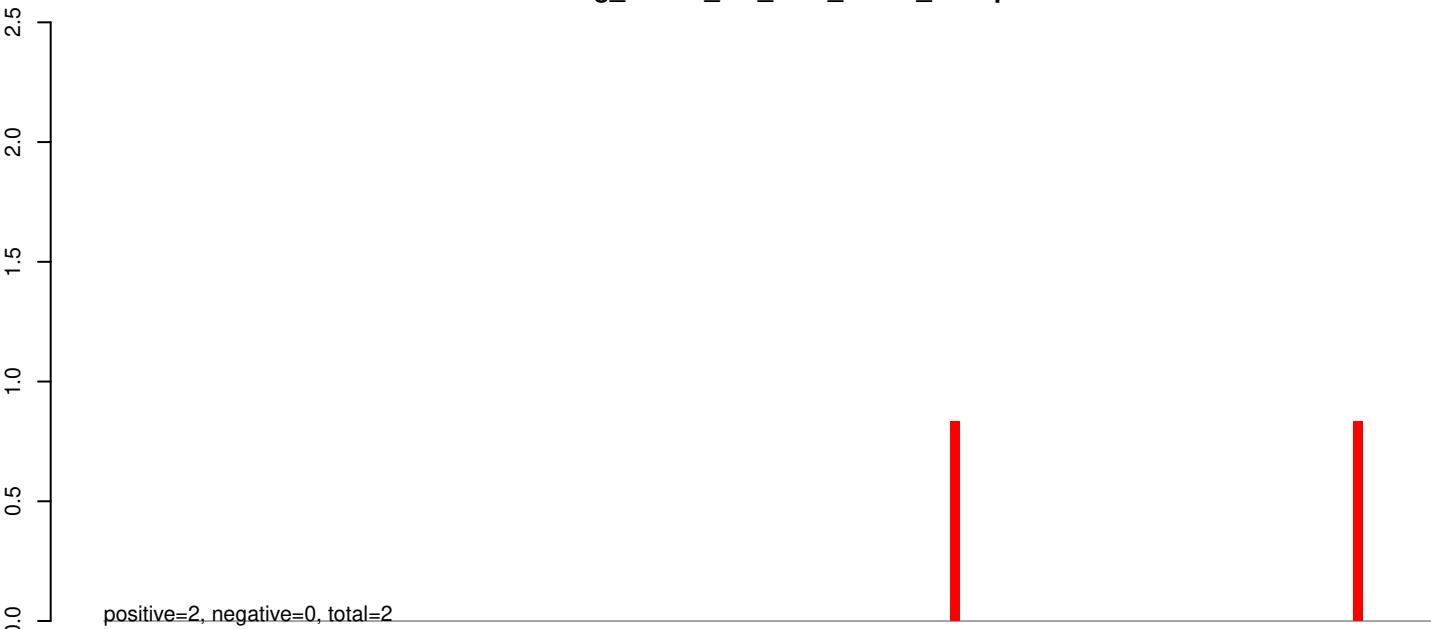
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



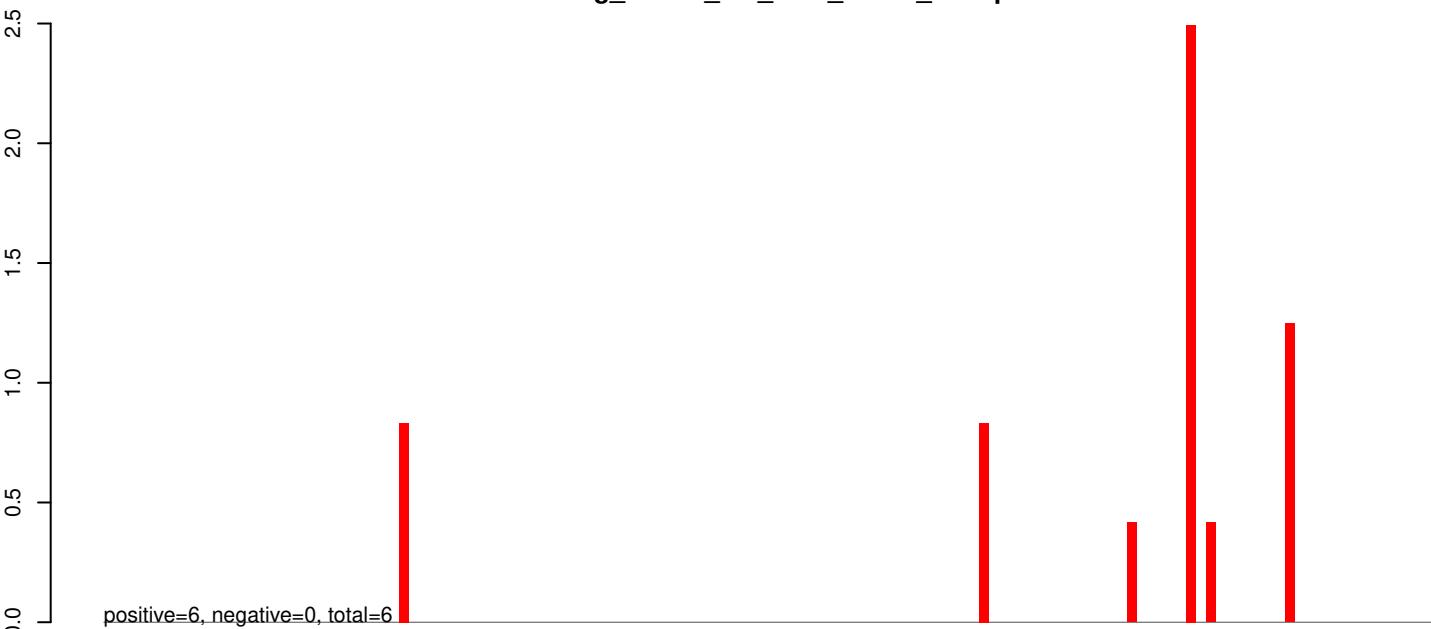
**AeAeg\_Whole\_sm\_r123\_JM.rep**



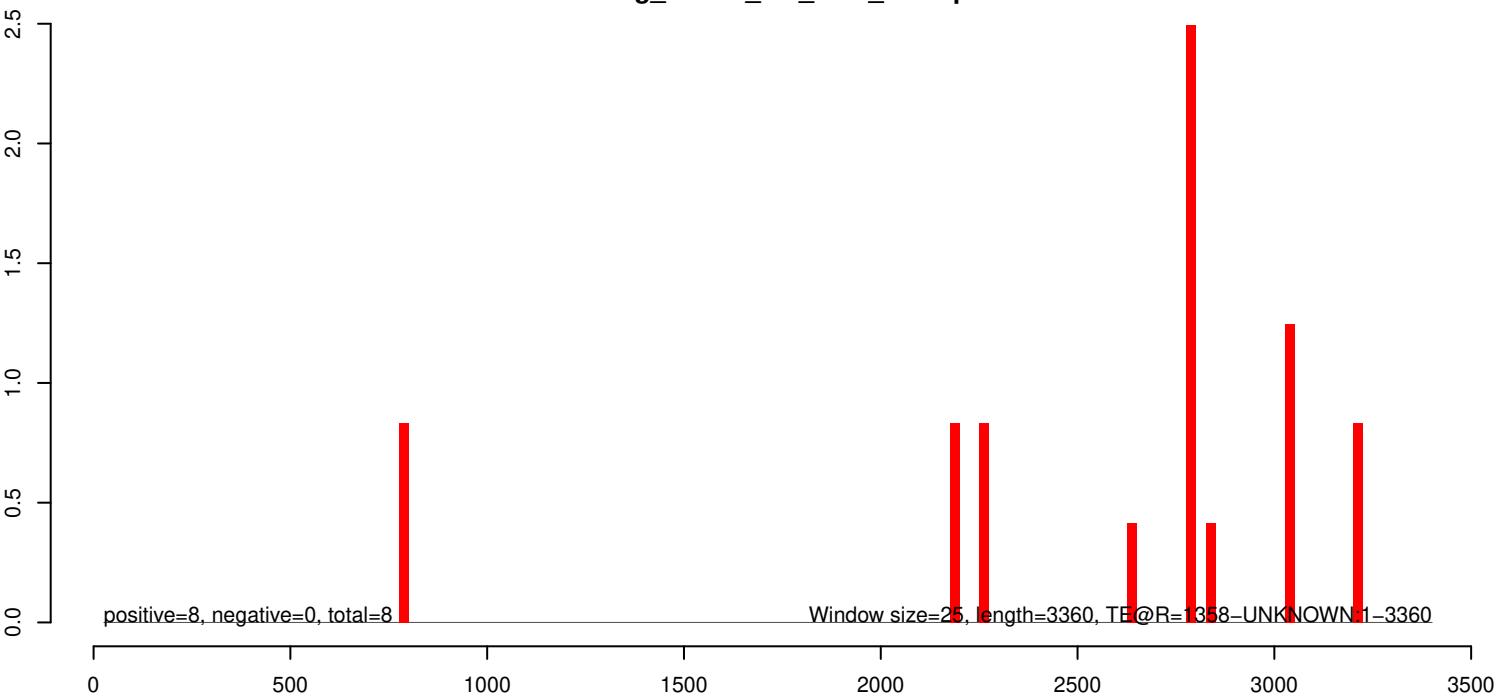
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



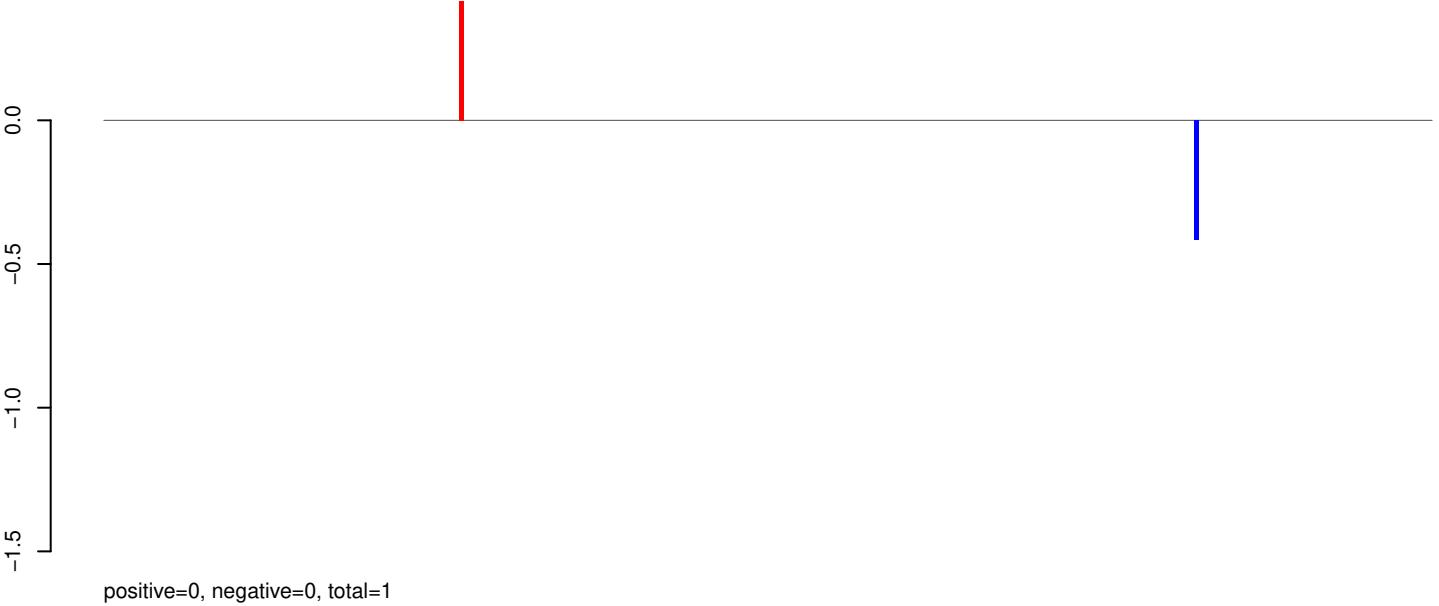
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



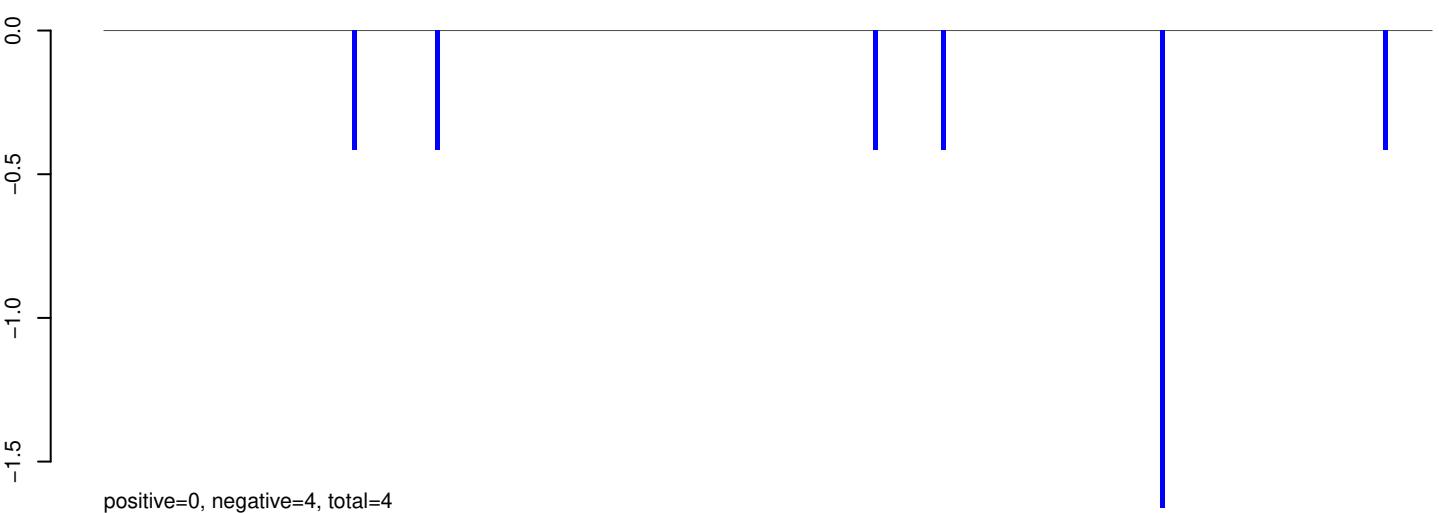
### AeAeg\_Whole\_sm\_r123\_JM.rep



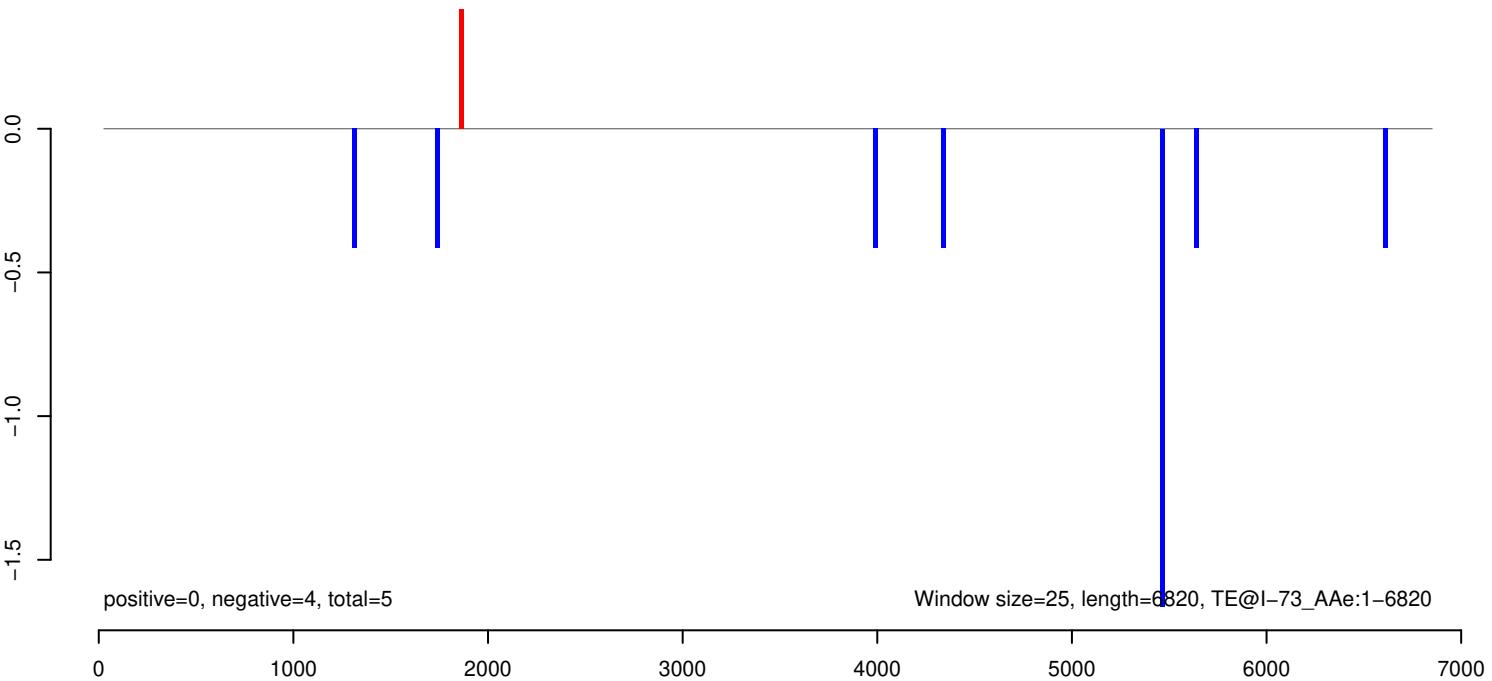
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



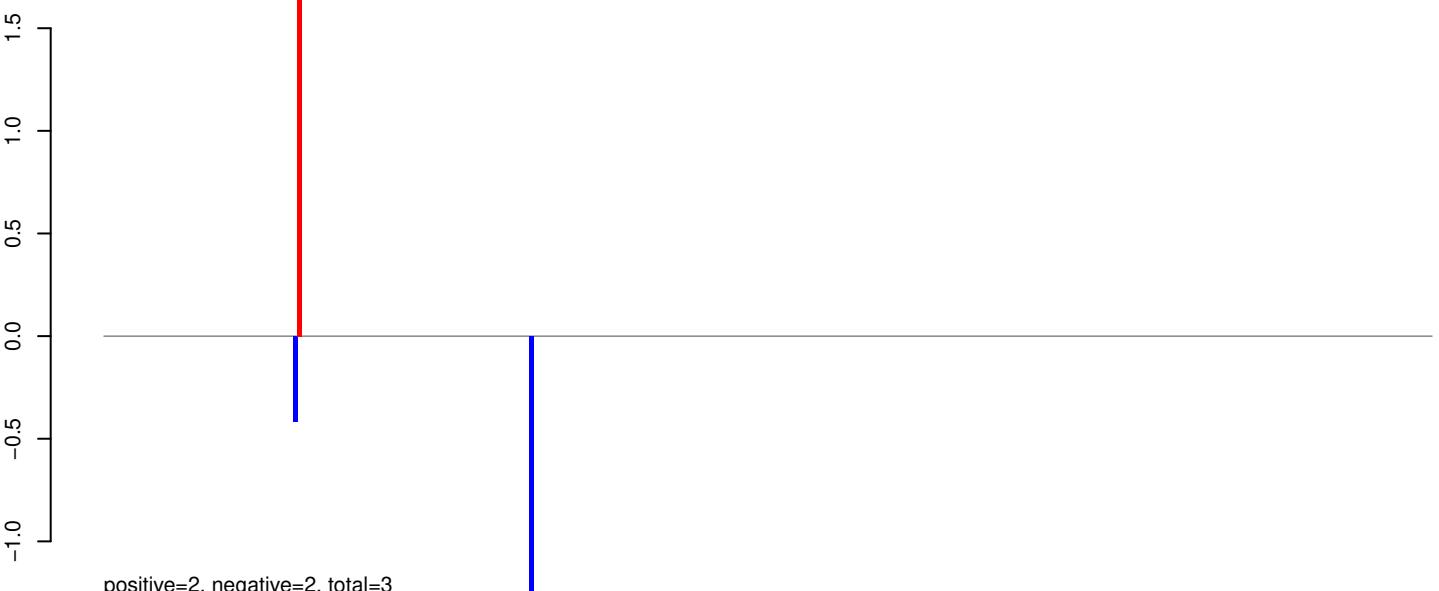
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



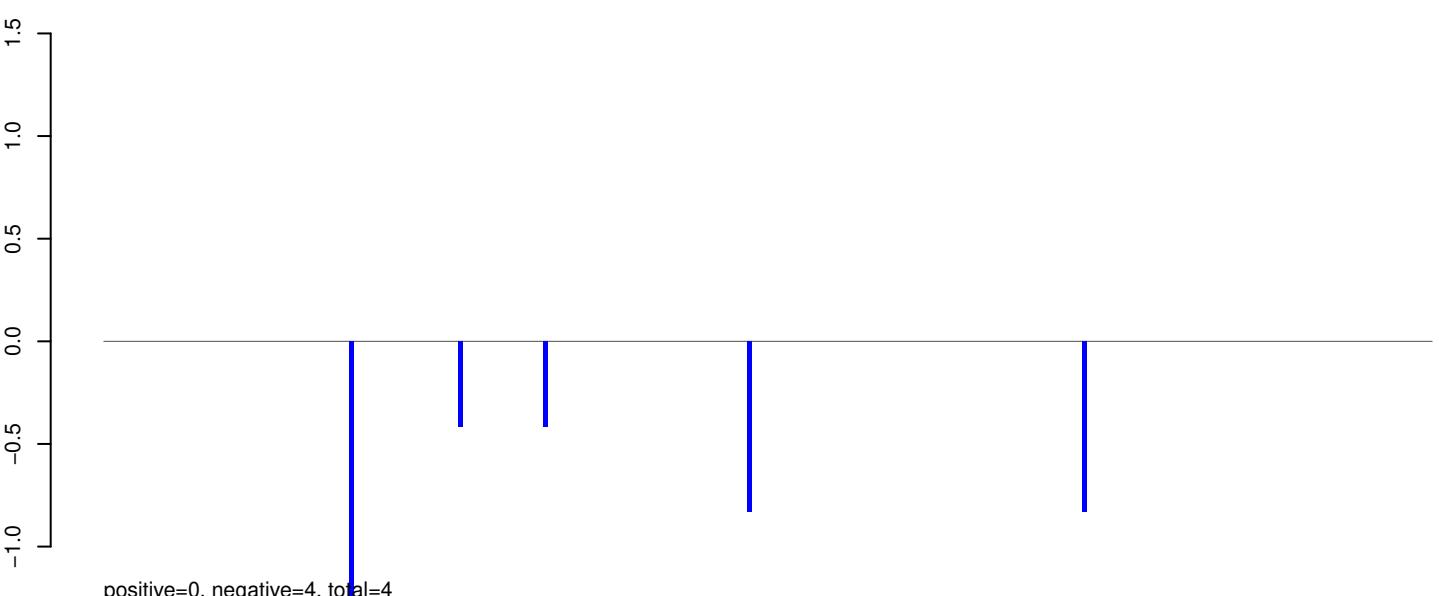
### AeAeg\_Whole\_sm\_r123\_JM.rep



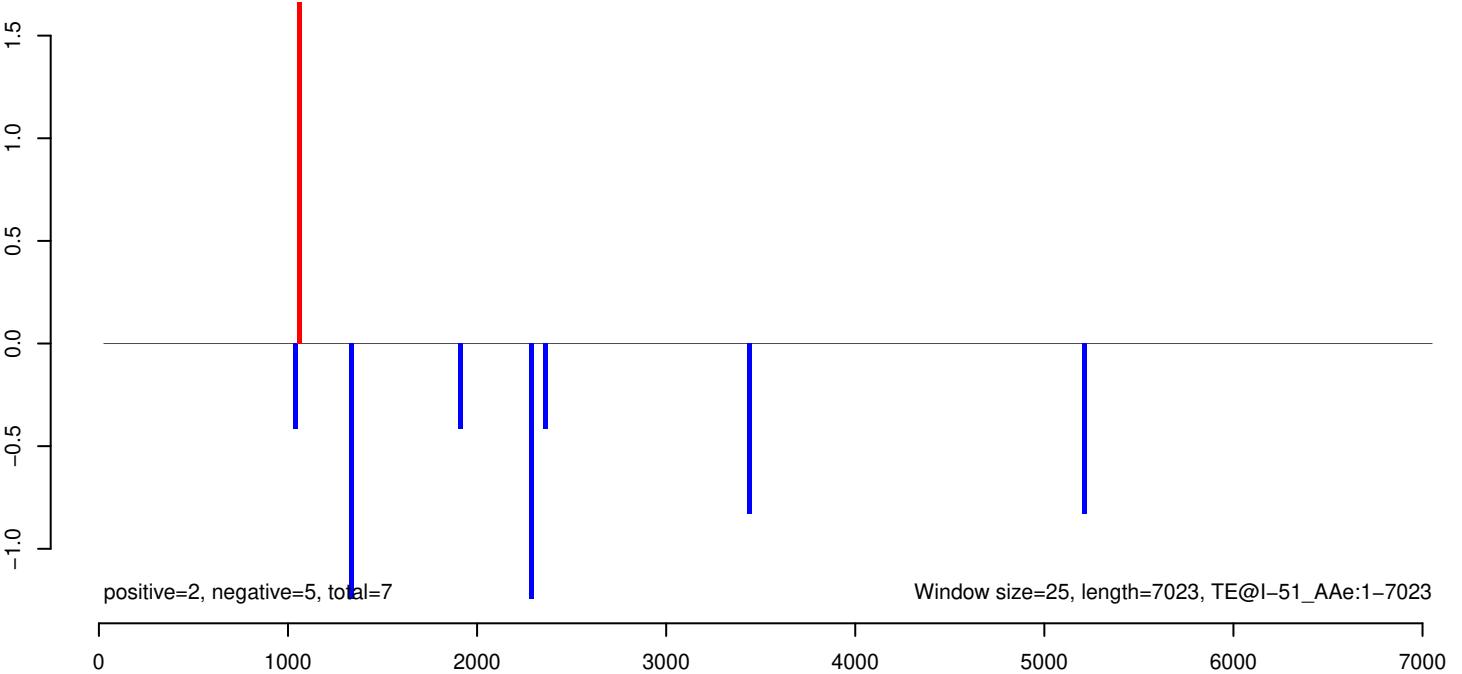
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



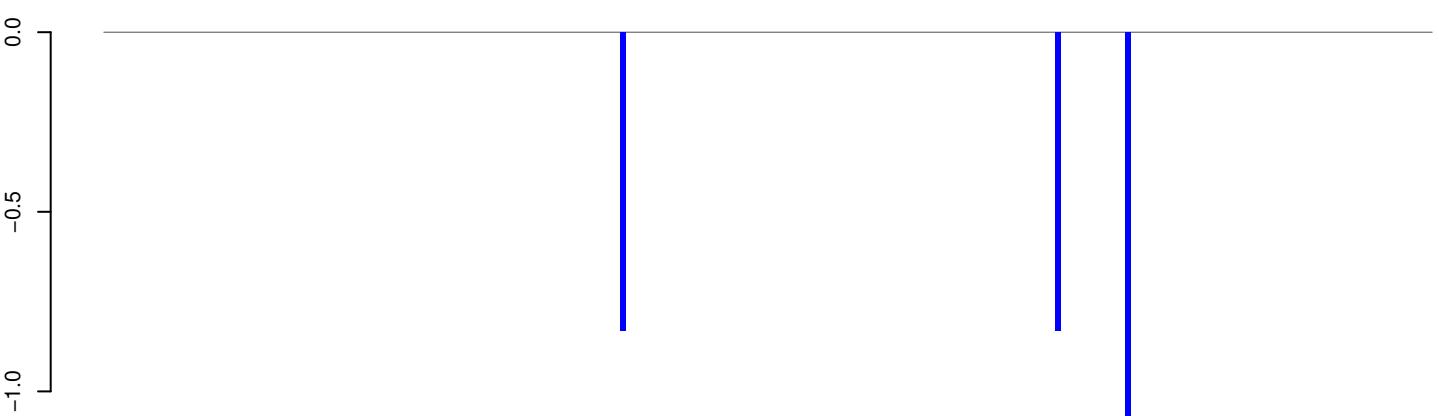
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

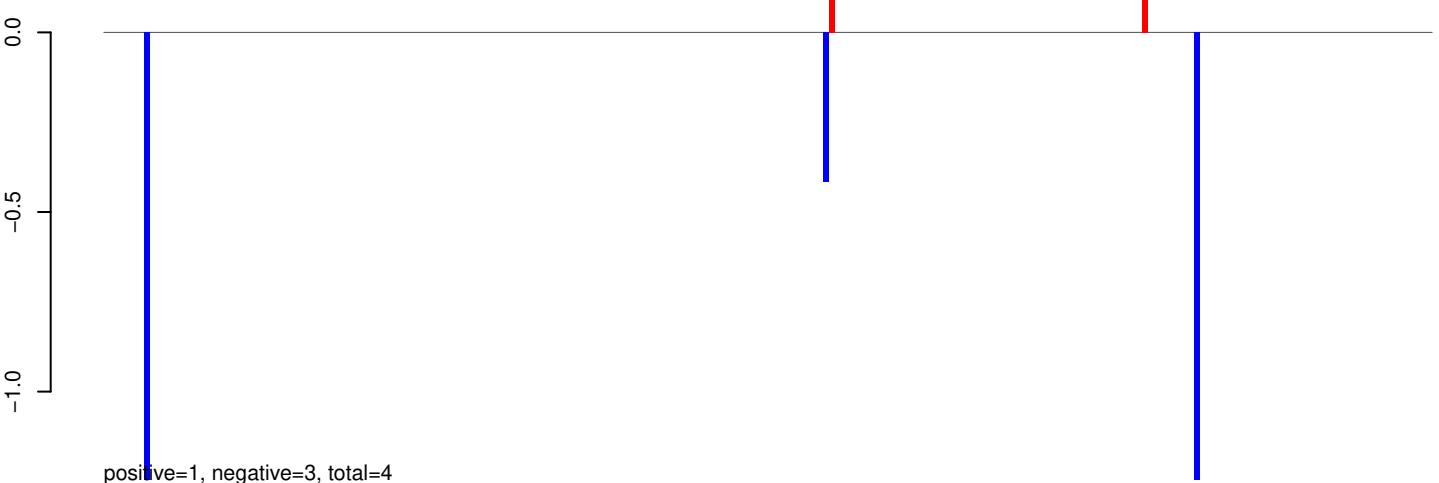


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



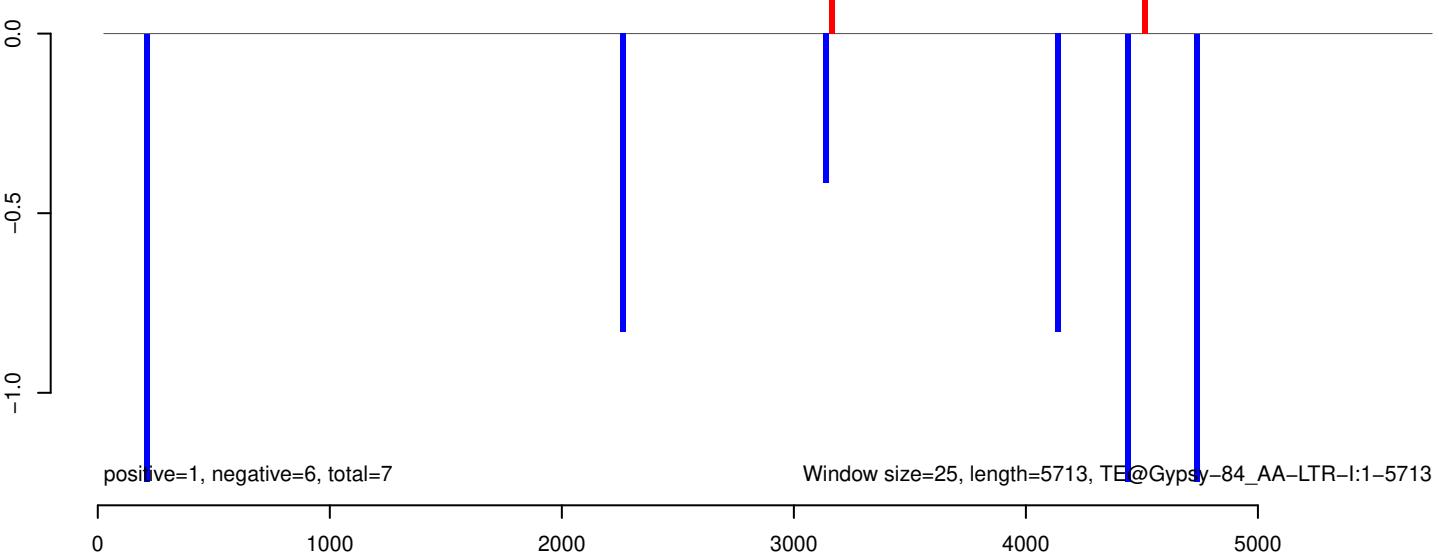
positive=0, negative=3, total=3

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=1, negative=3, total=4

### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=1, negative=6, total=7

Window size=25, length=5713, TE@Gypsy-84\_AA-LTR-l:1-5713

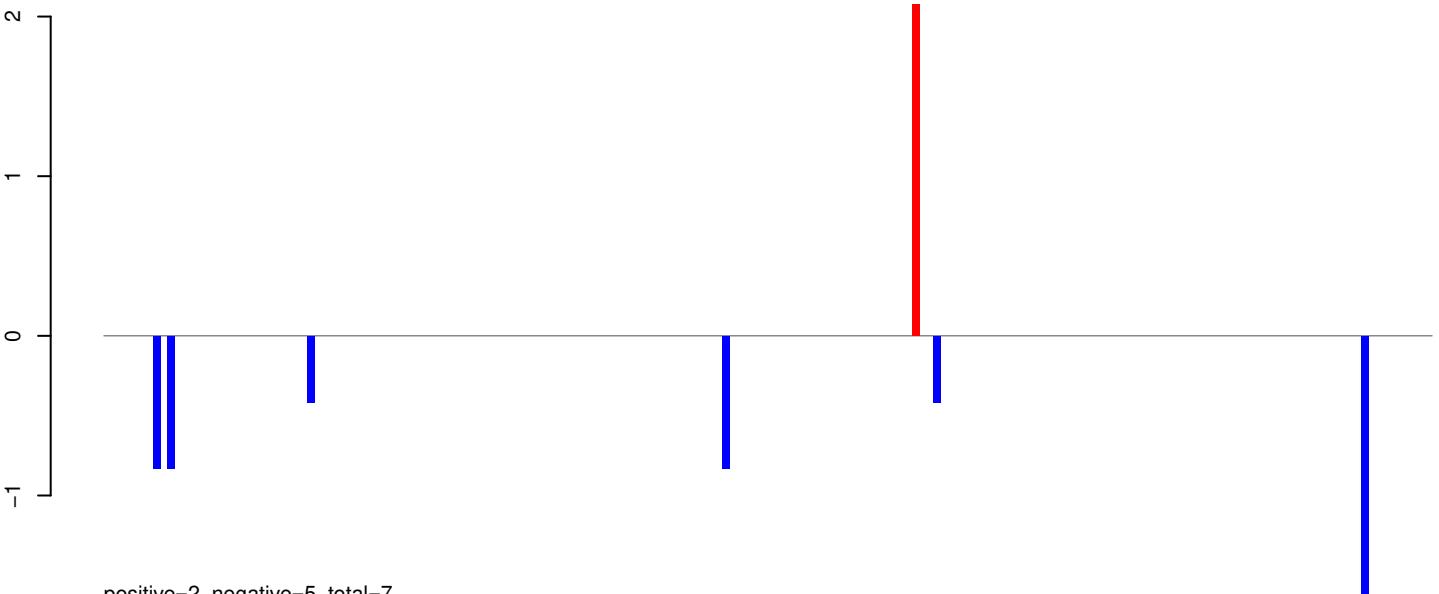
0 1000 2000 3000 4000 5000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



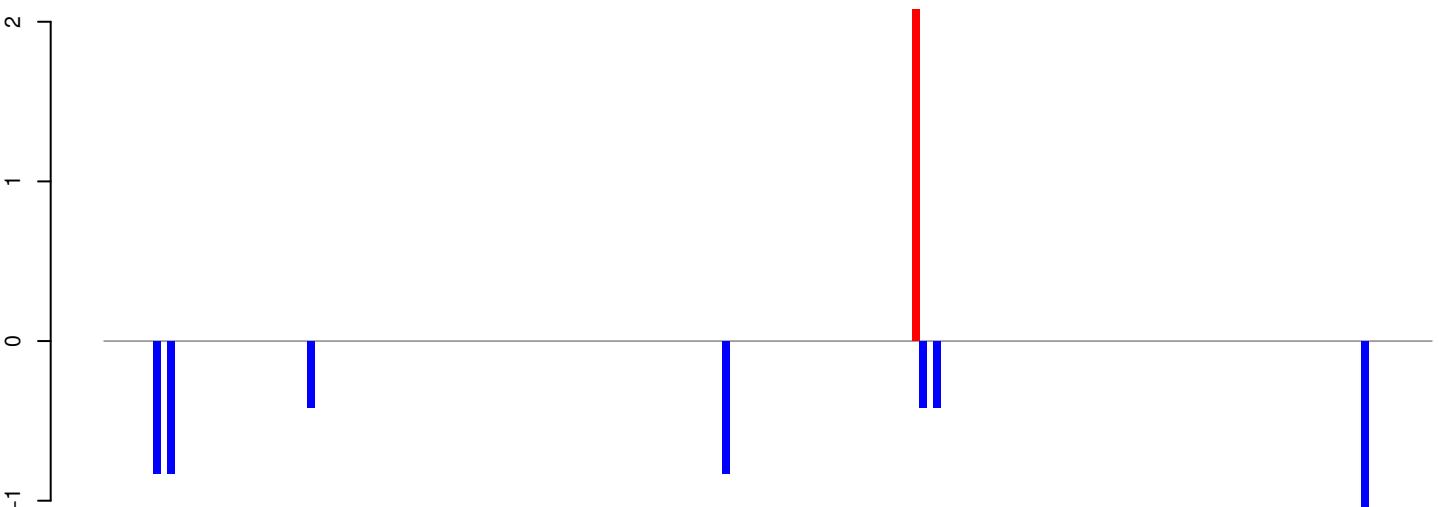
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=2, negative=5, total=7

### AeAeg\_Whole\_sm\_r123\_JM.rep

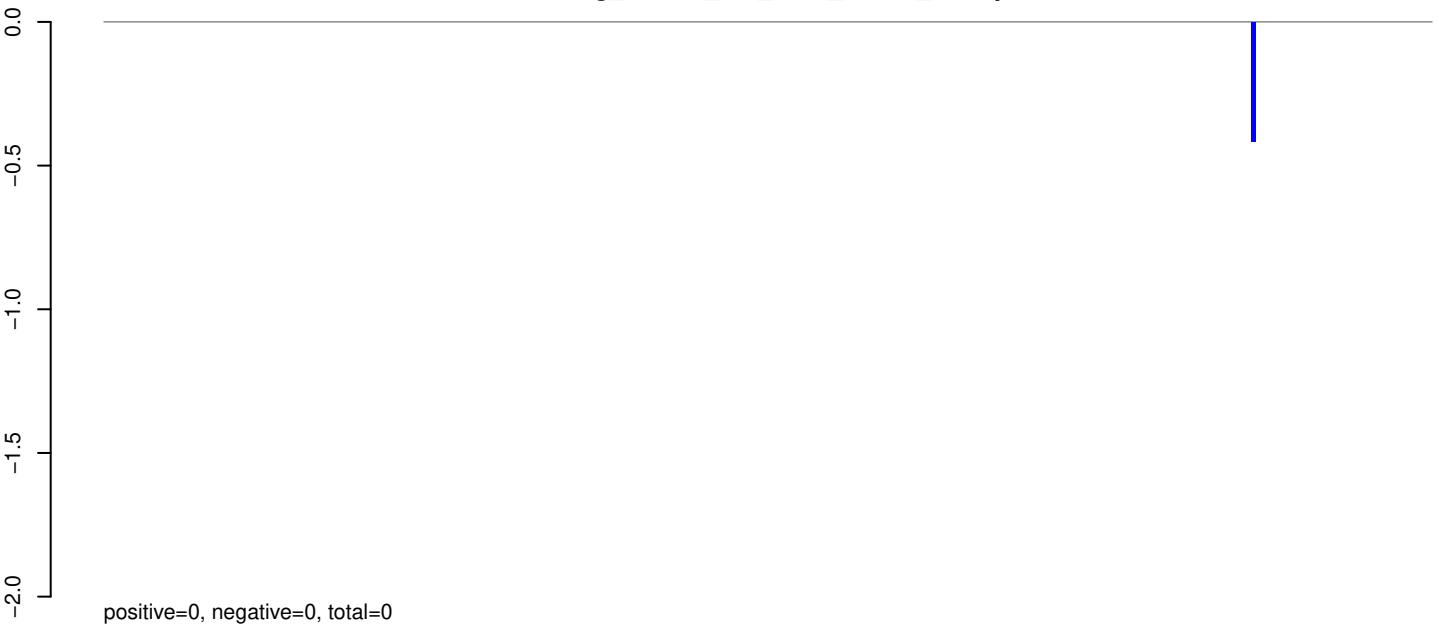


positive=2, negative=5, total=7

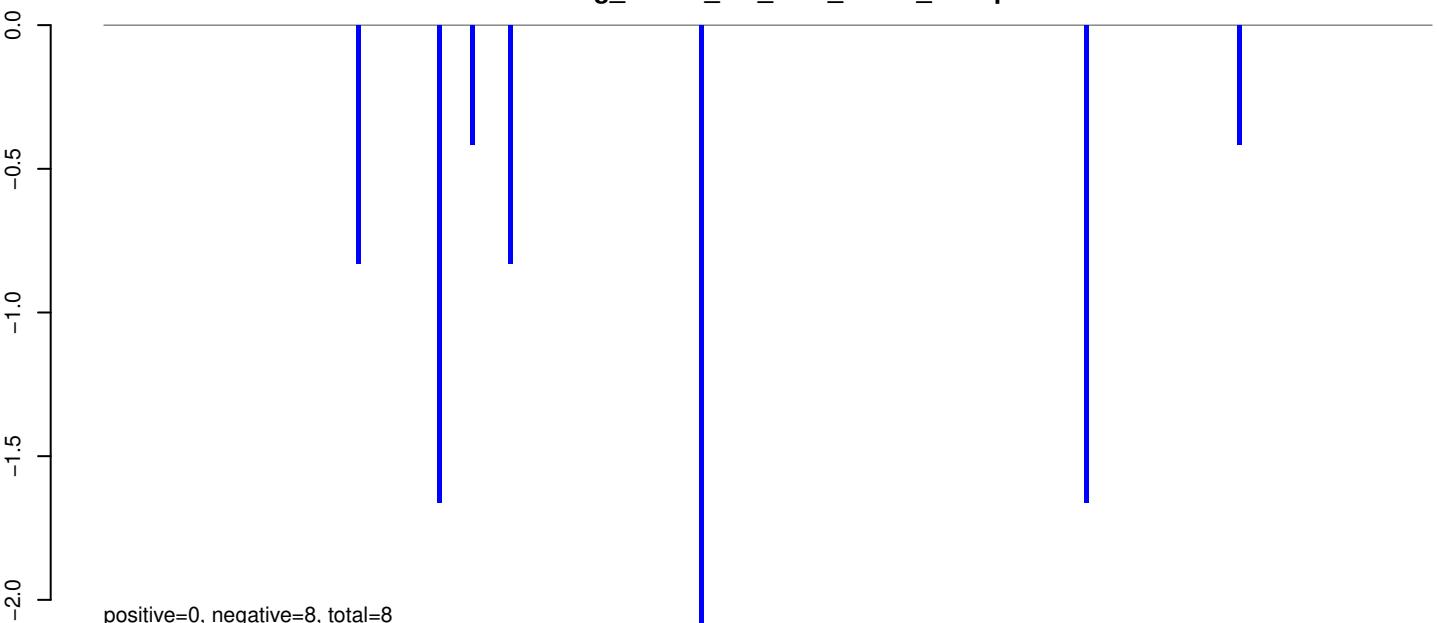
Window size=25, length=4717, TE@Gypsy-65\_AA-LTR-l: -4717

0 1000 2000 3000 4000

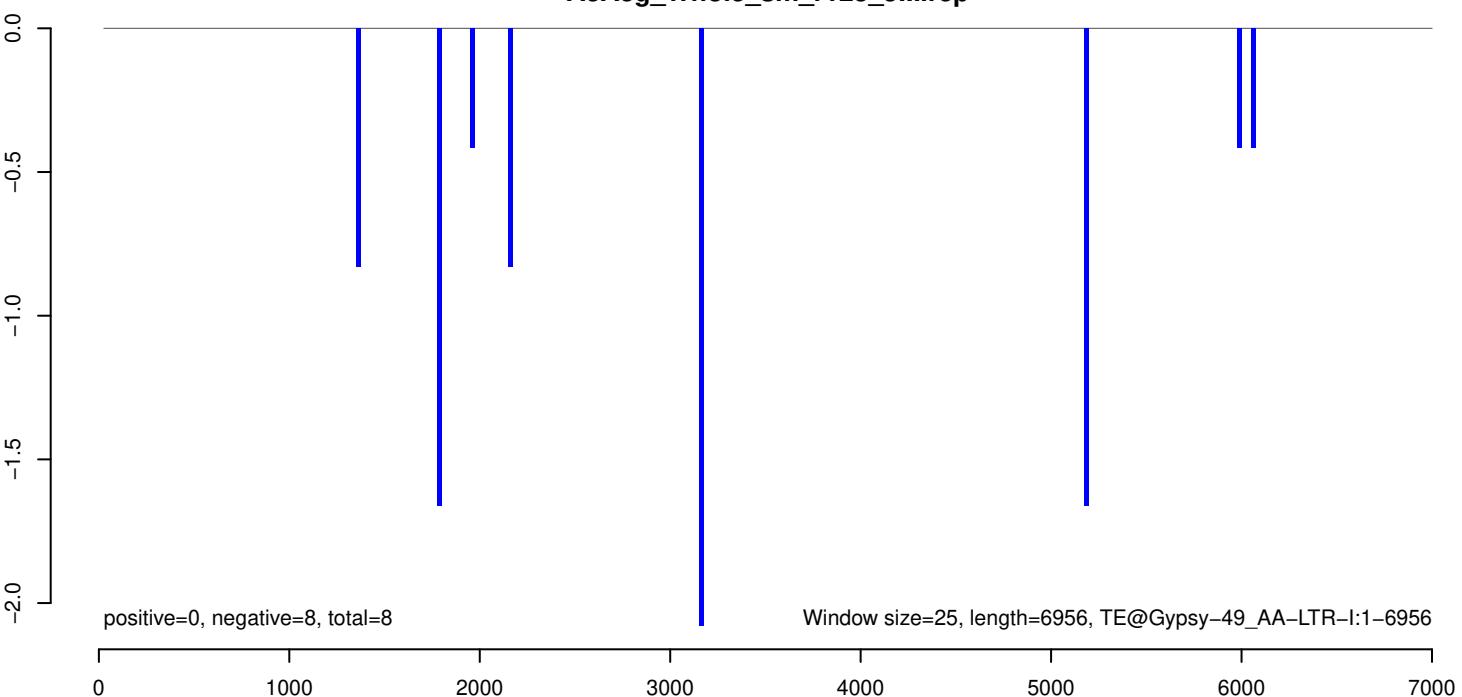
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



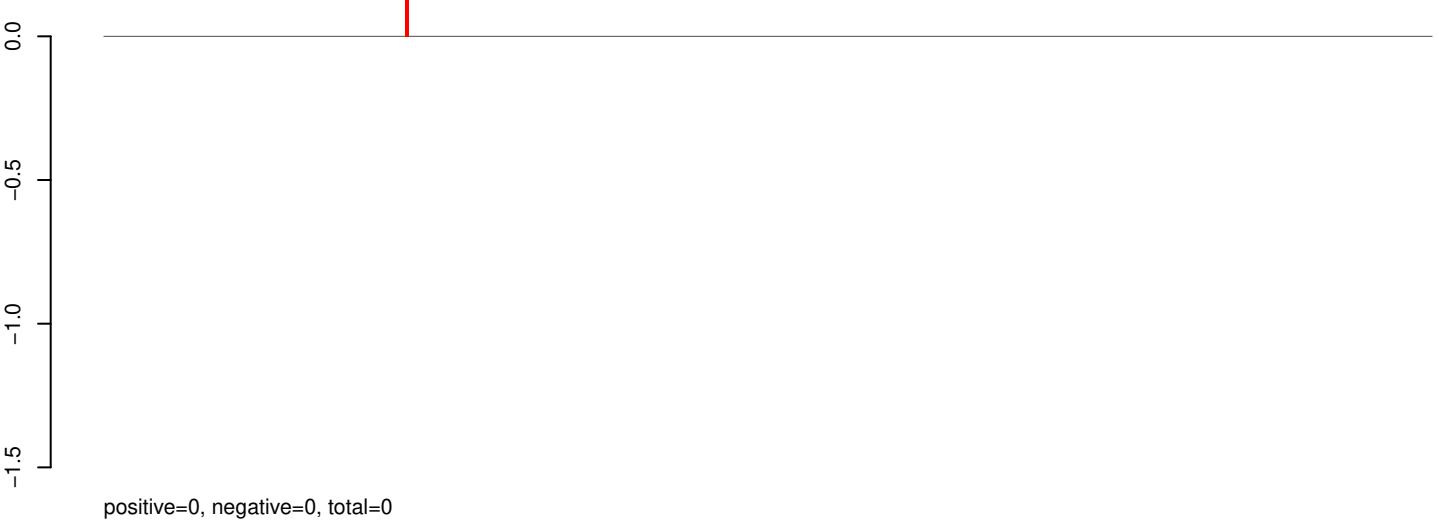
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



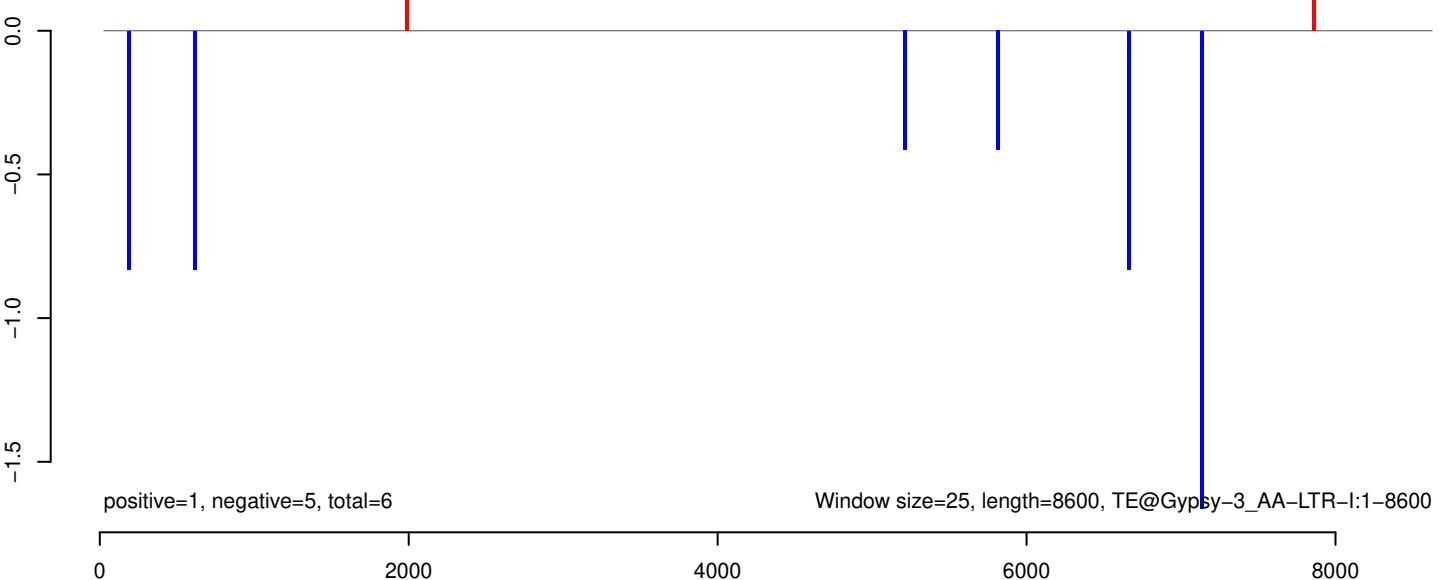
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



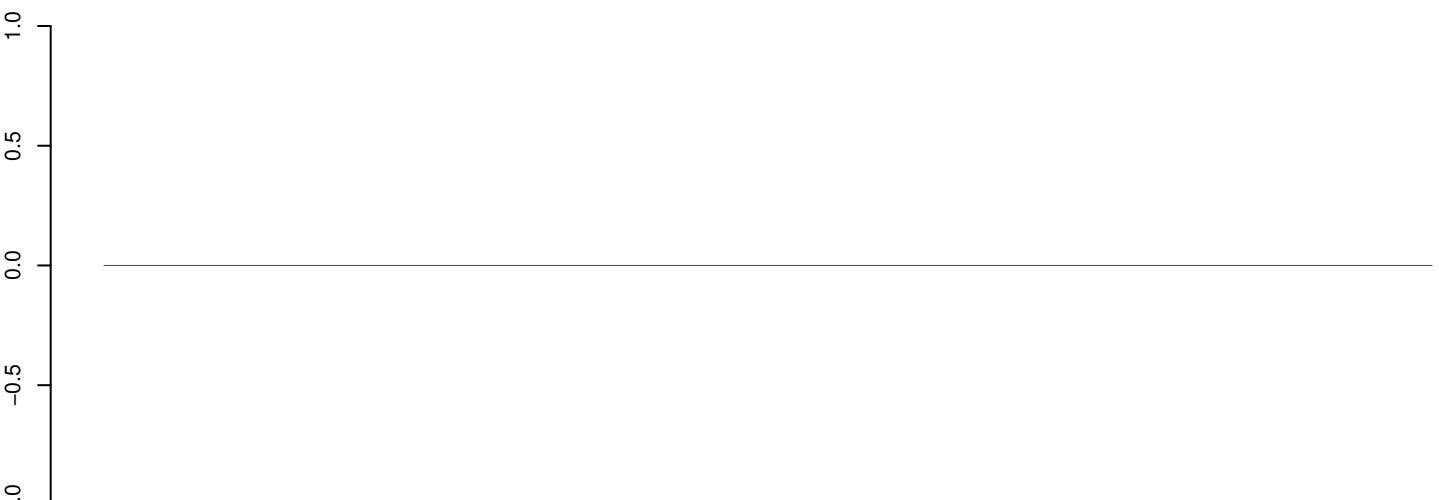
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

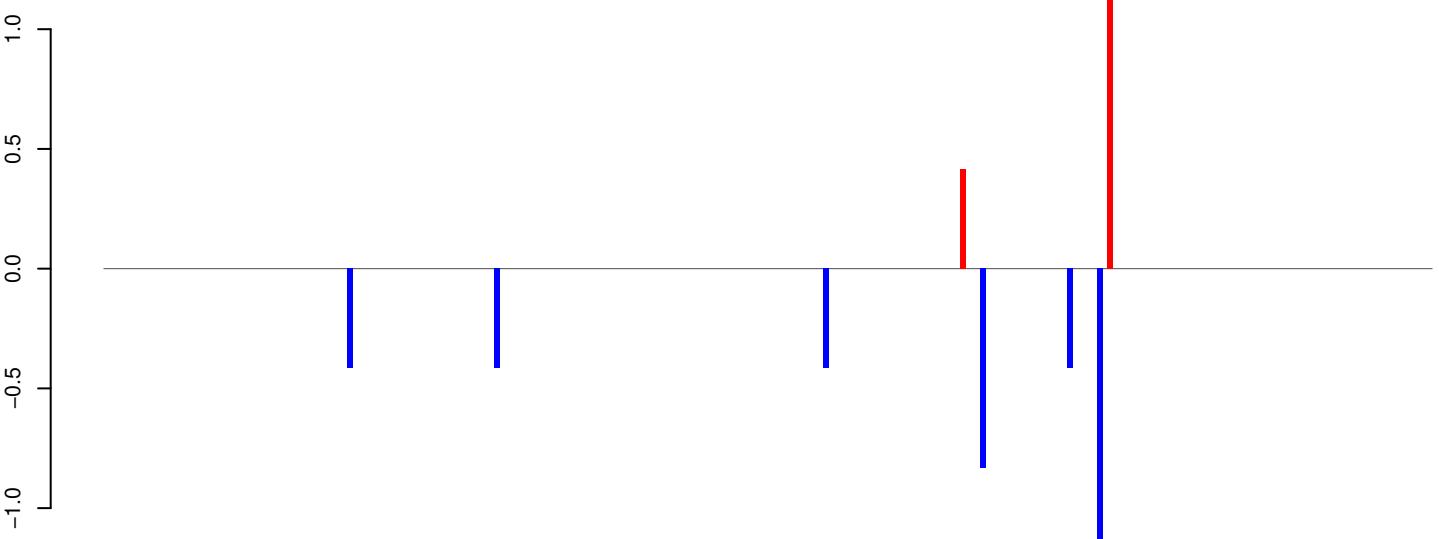


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



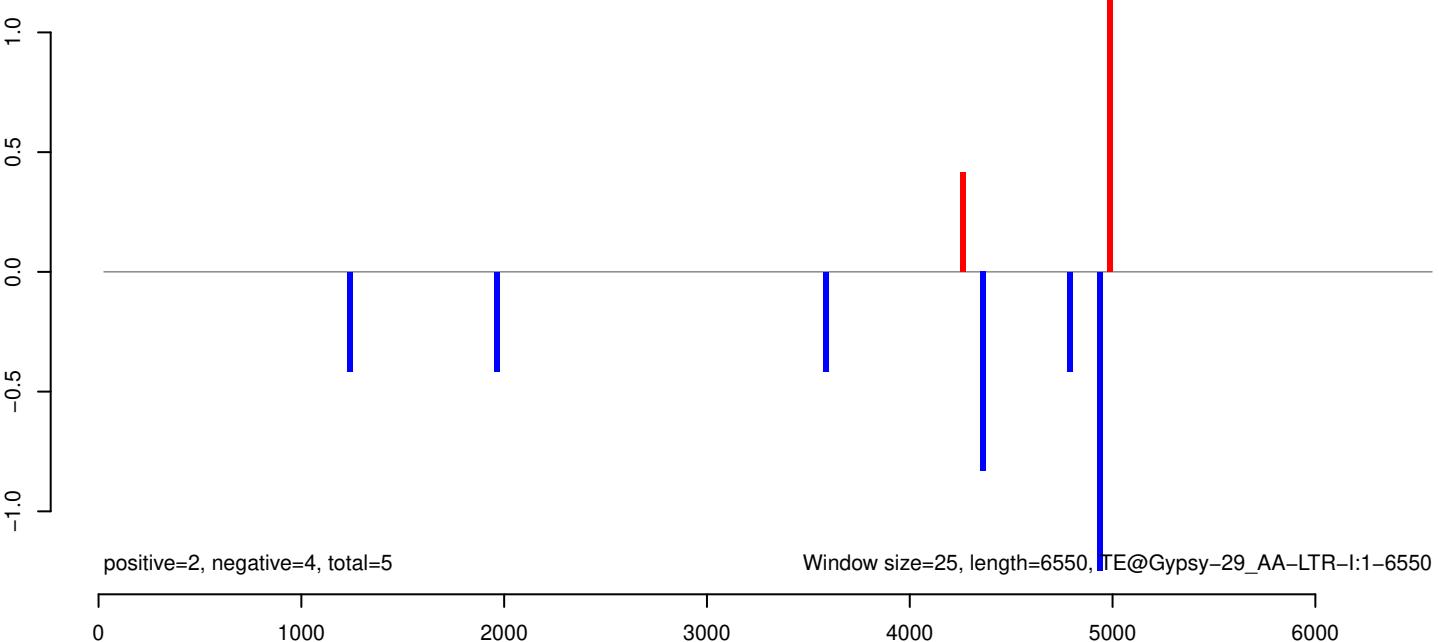
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

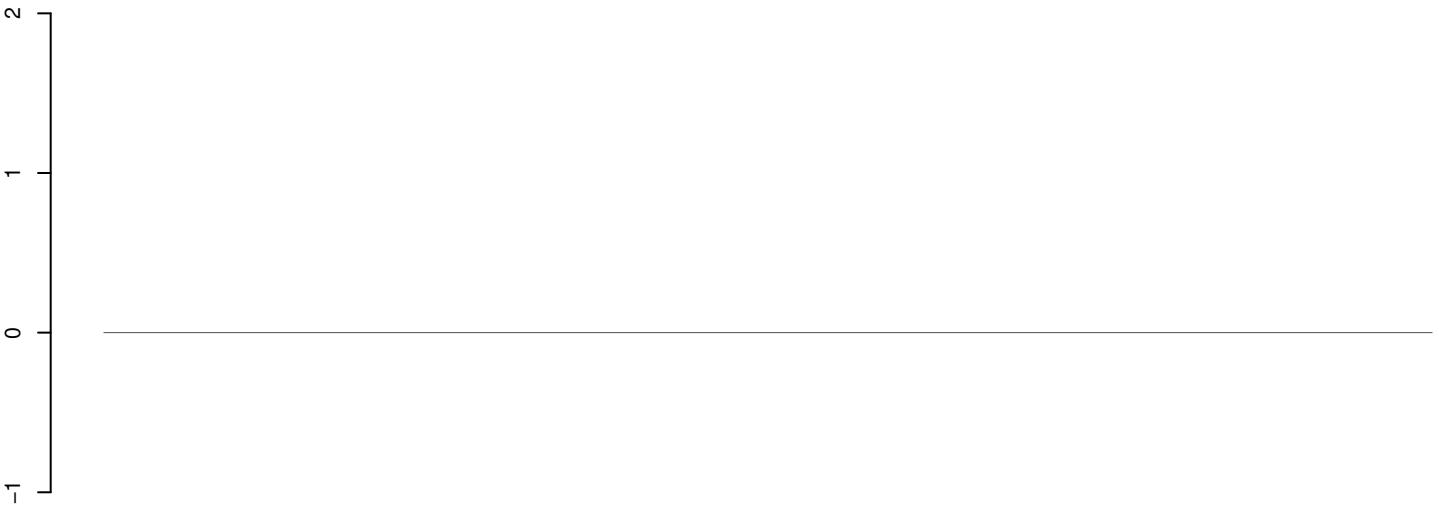


positive=2, negative=4, total=5

**AeAeg\_Whole\_sm\_r123\_JM.rep**

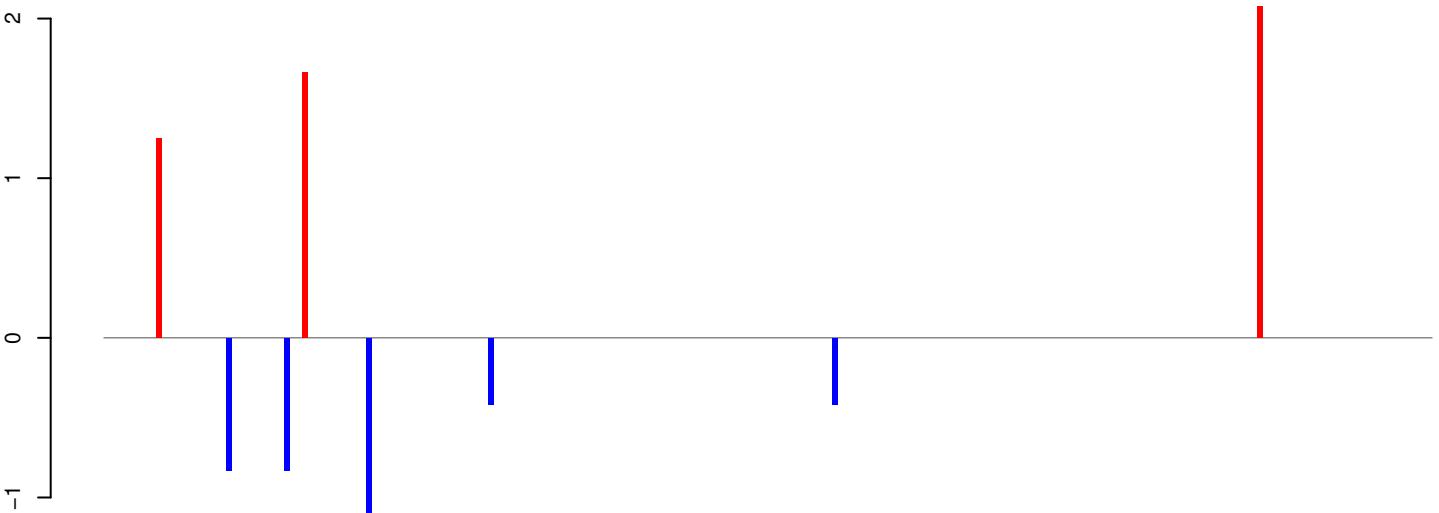


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



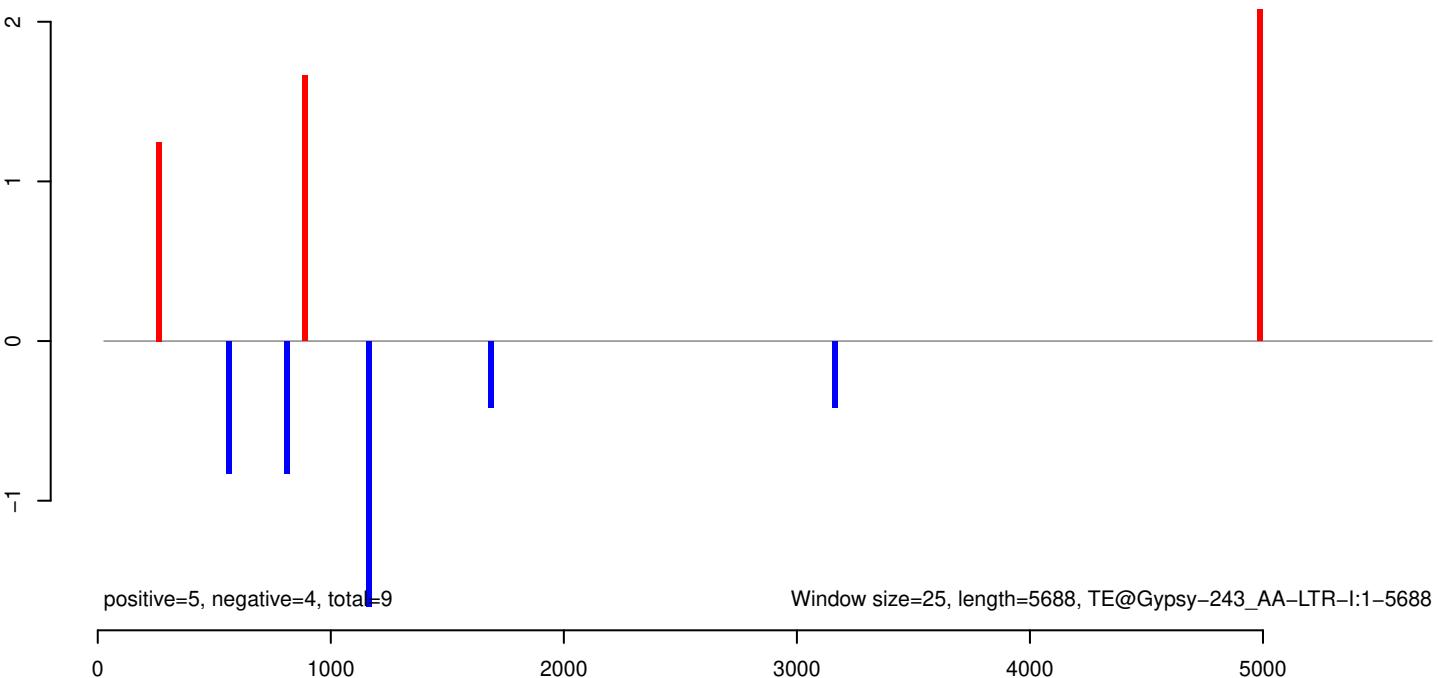
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=5, negative=4, total=9

**AeAeg\_Whole\_sm\_r123\_JM.rep**

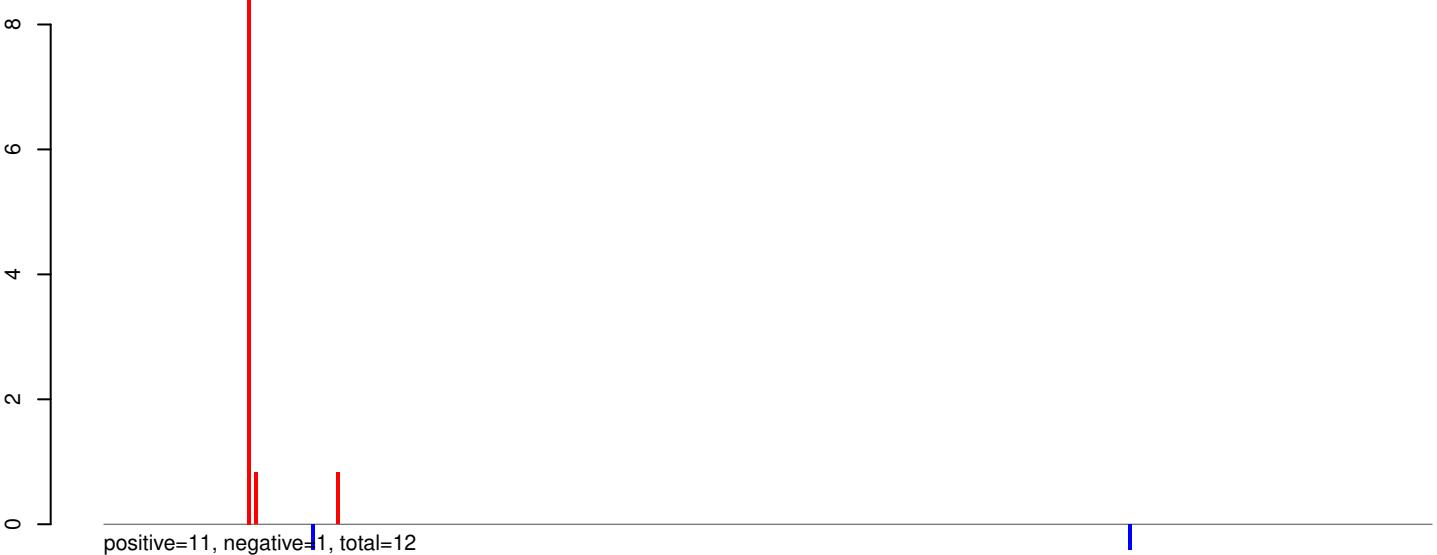


positive=5, negative=4, total=9

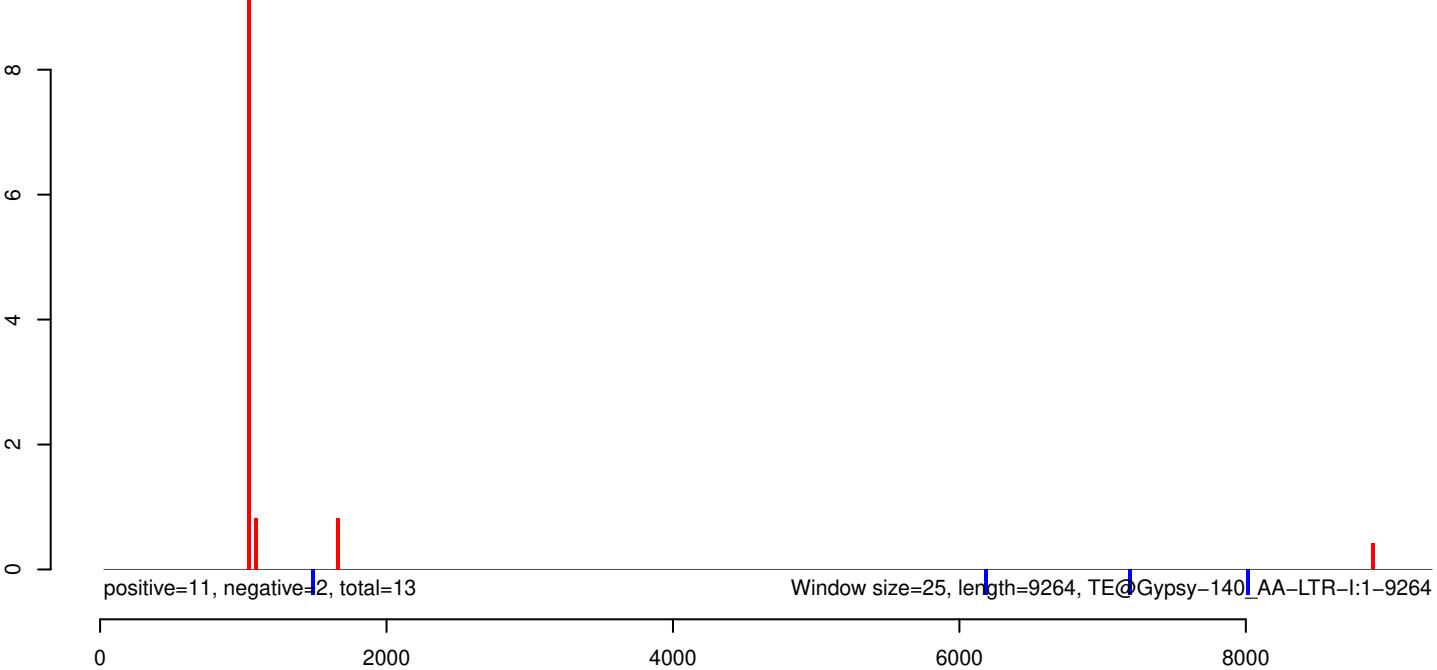
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



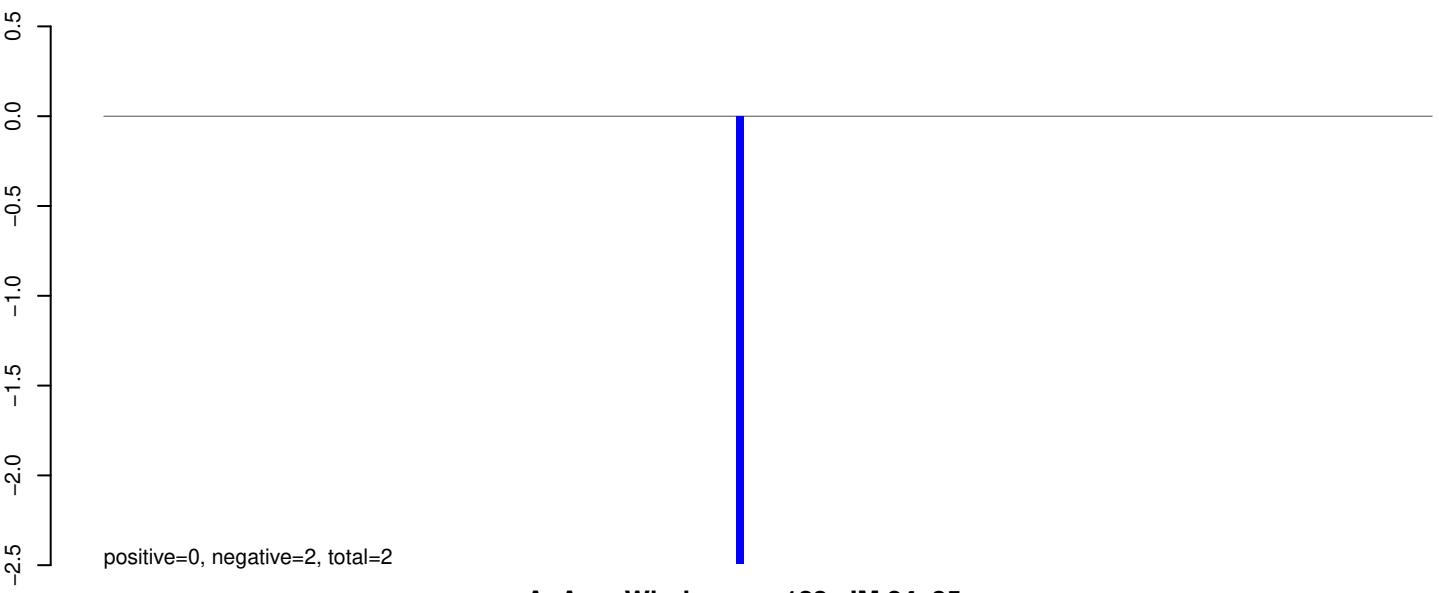
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



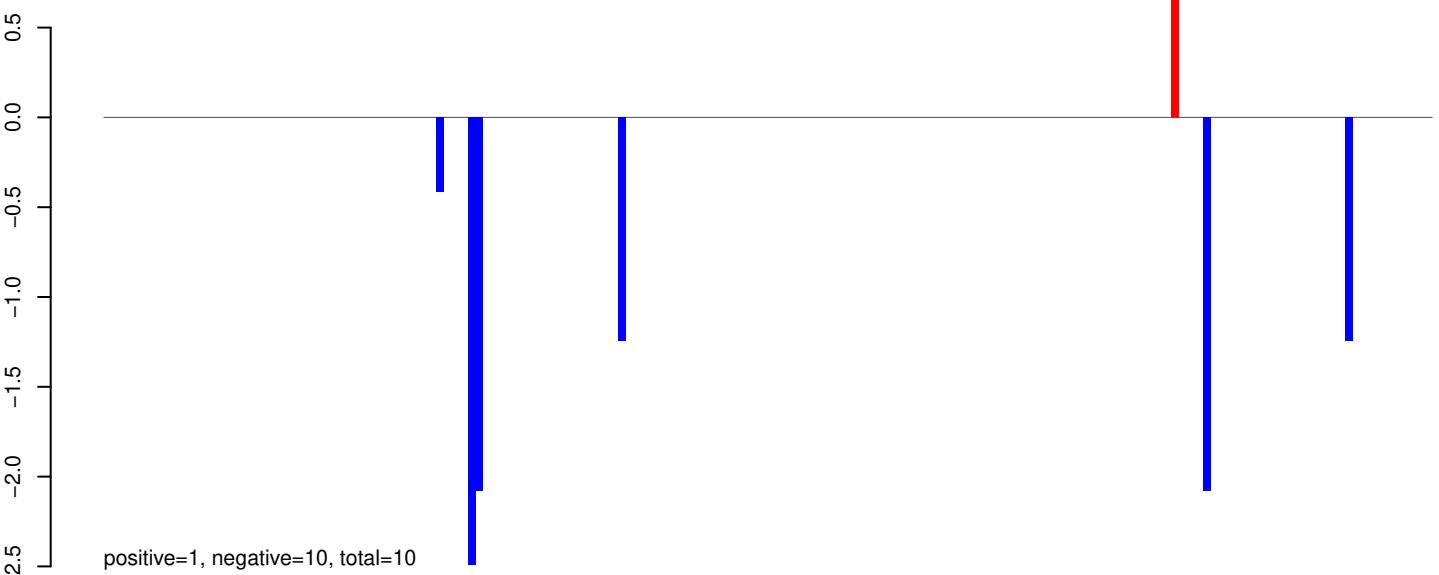
### AeAeg\_Whole\_sm\_r123\_JM.rep



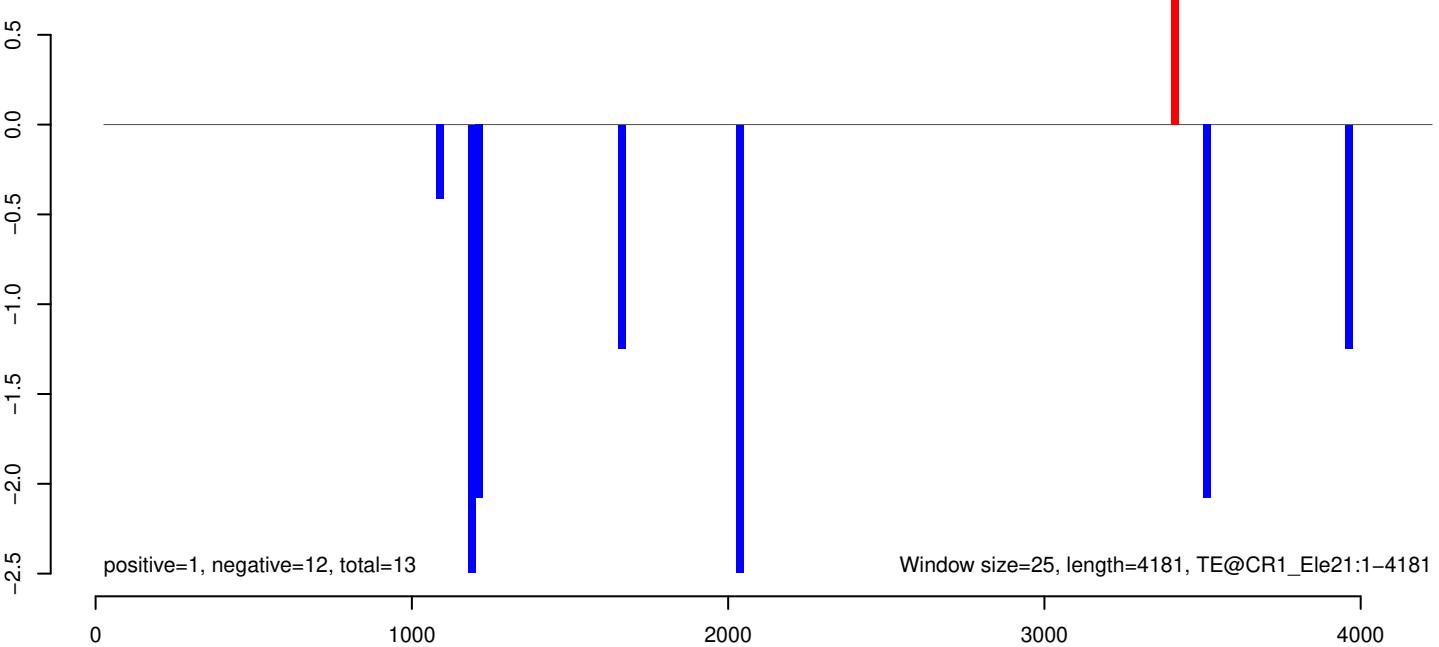
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



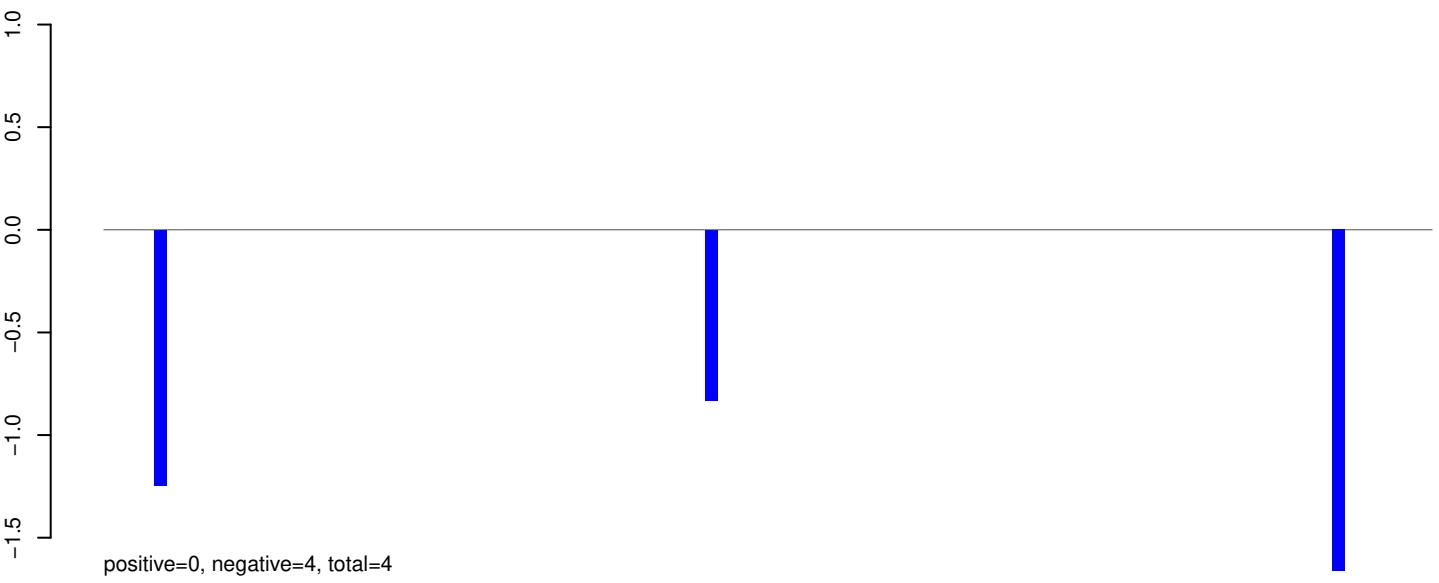
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



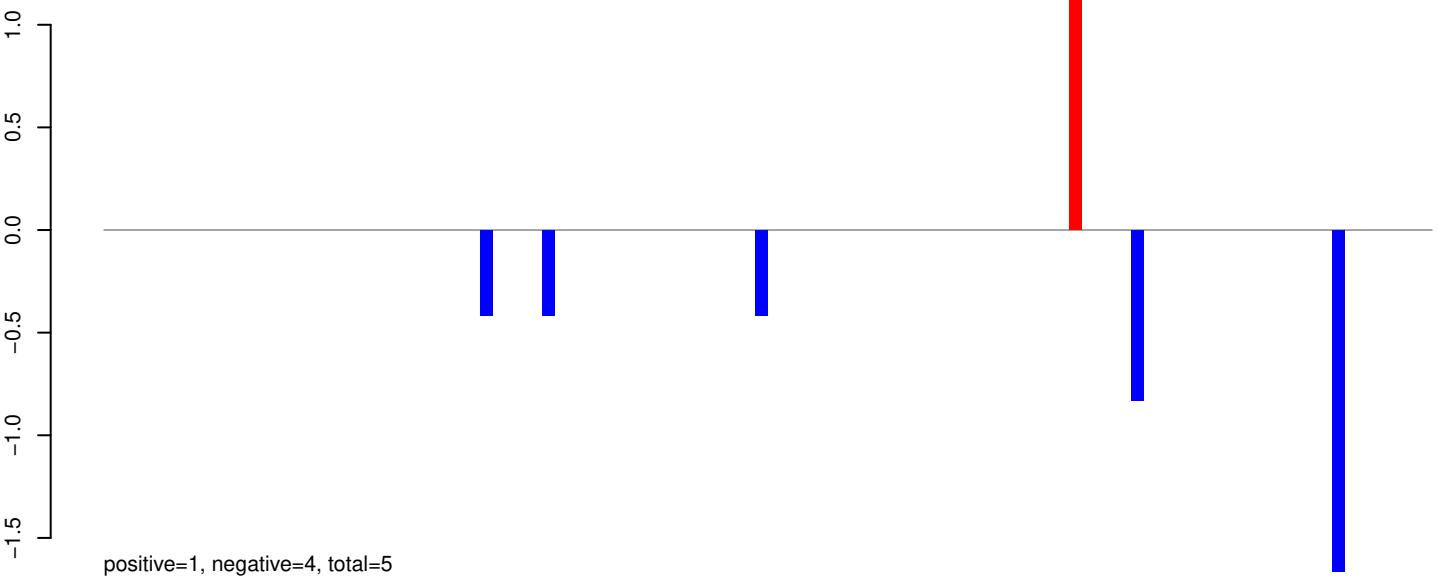
**AeAeg\_Whole\_sm\_r123\_JM.rep**



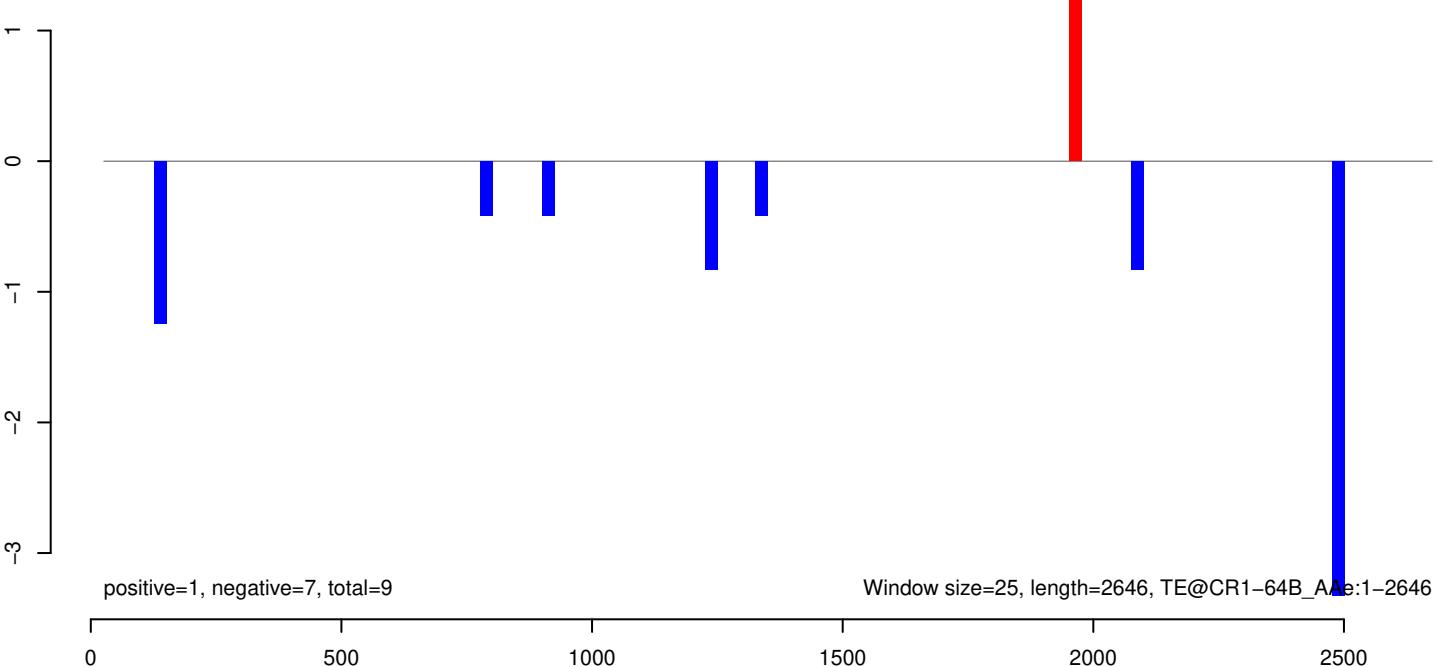
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



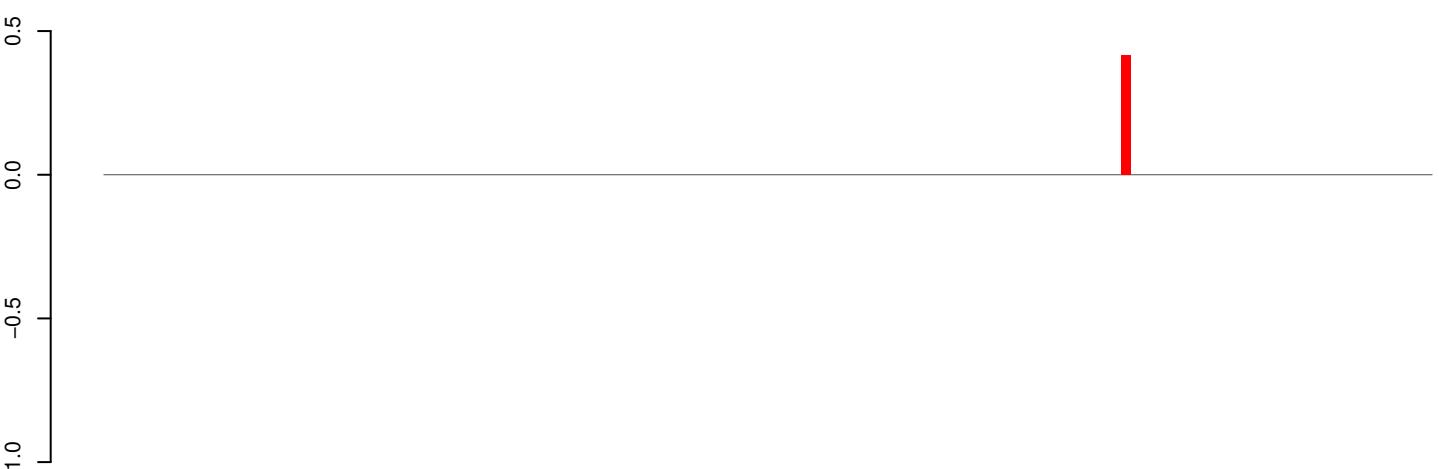
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

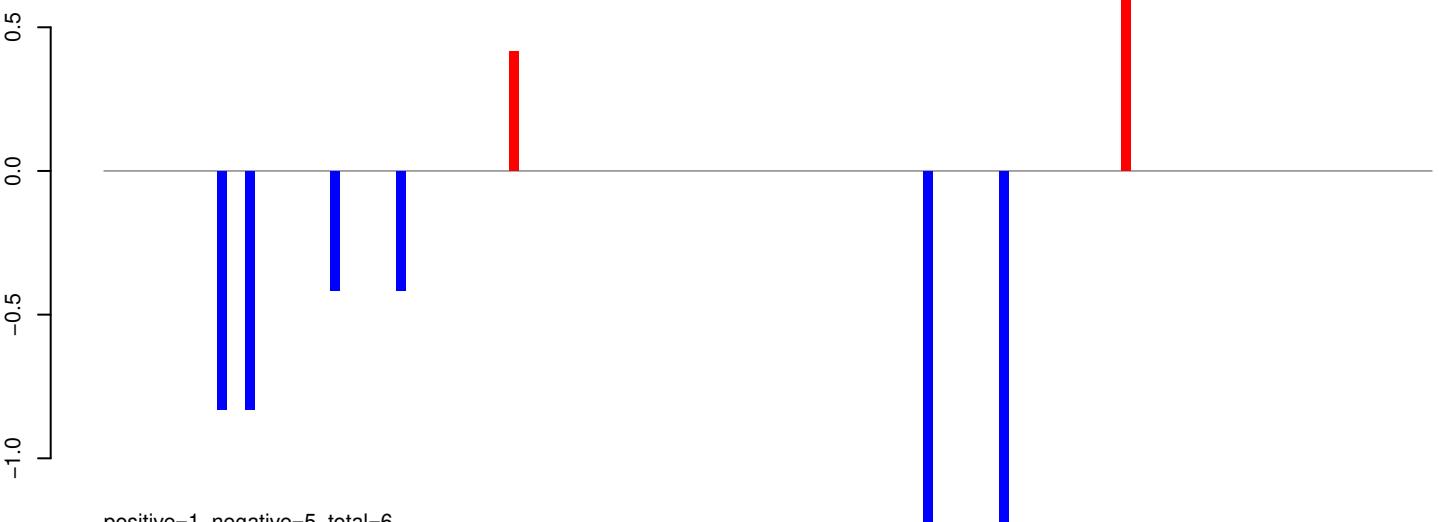


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



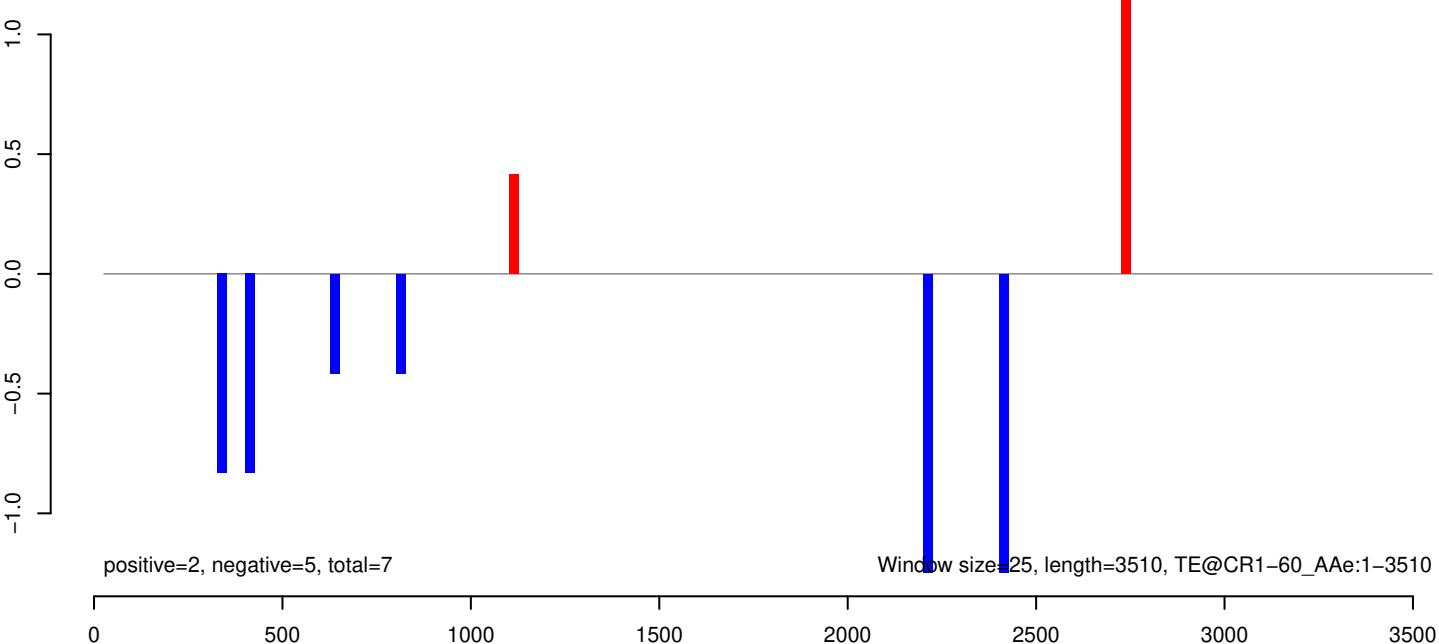
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=5, total=6

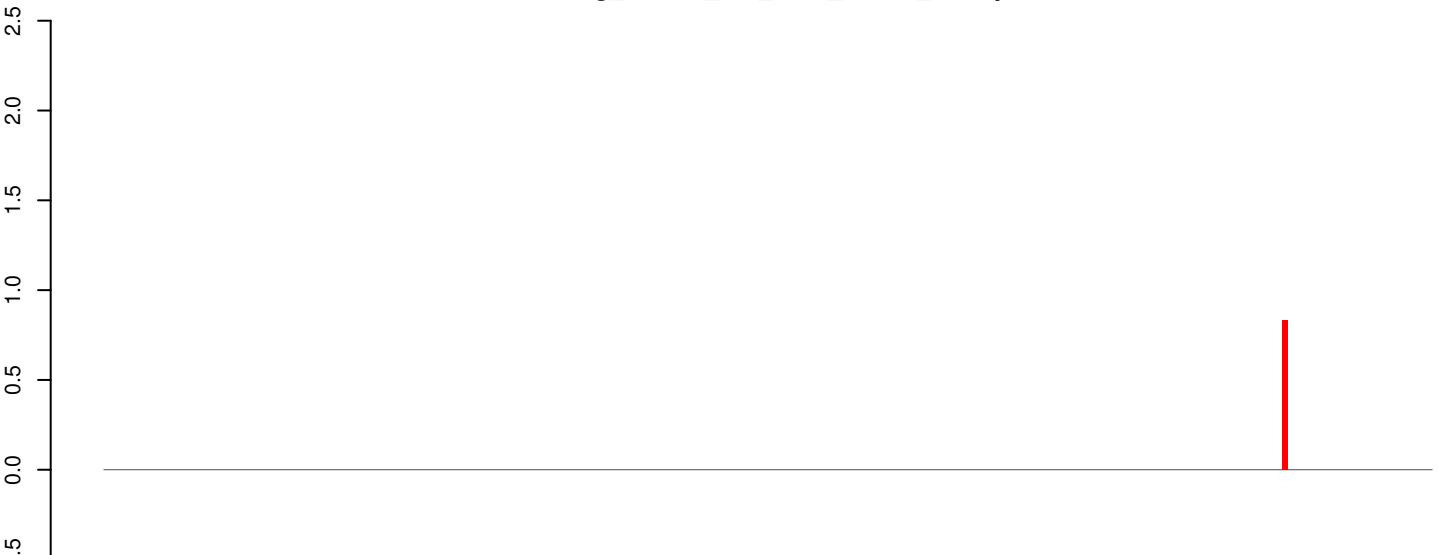
**AeAeg\_Whole\_sm\_r123\_JM.rep**



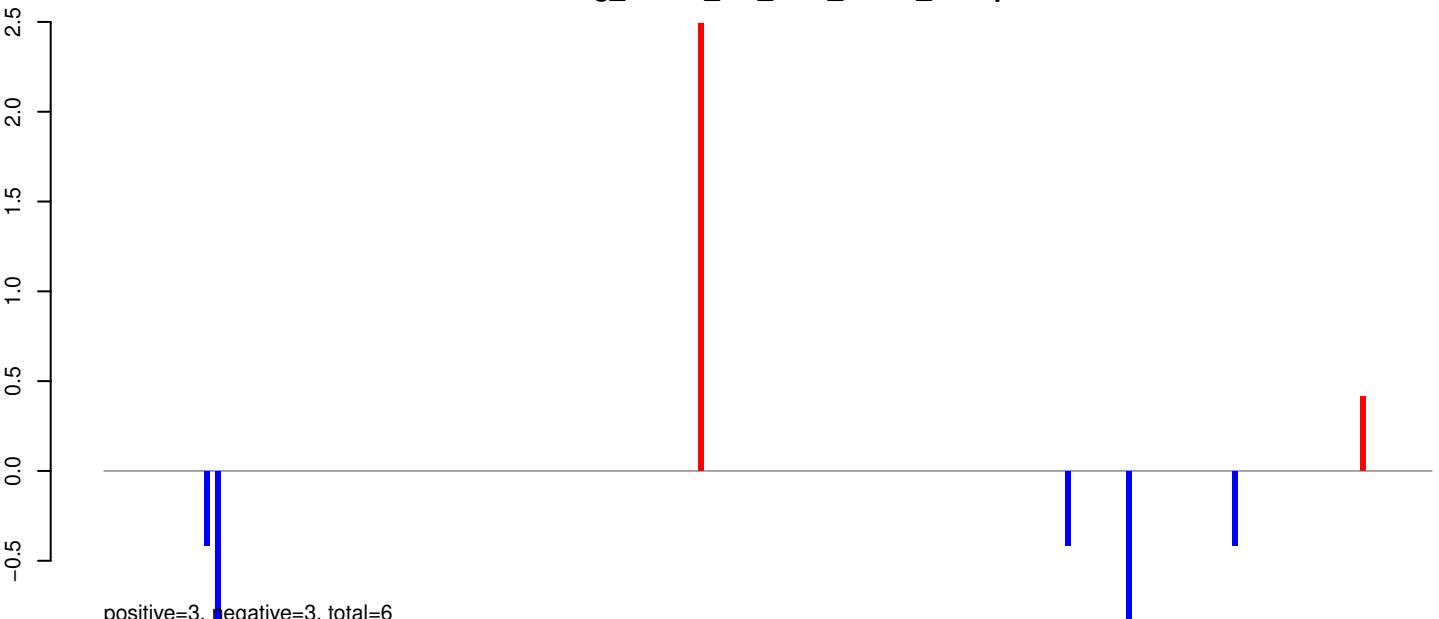
positive=2, negative=5, total=7

Window size=25, length=3510, TE@CR1-60\_AAe:1-3510

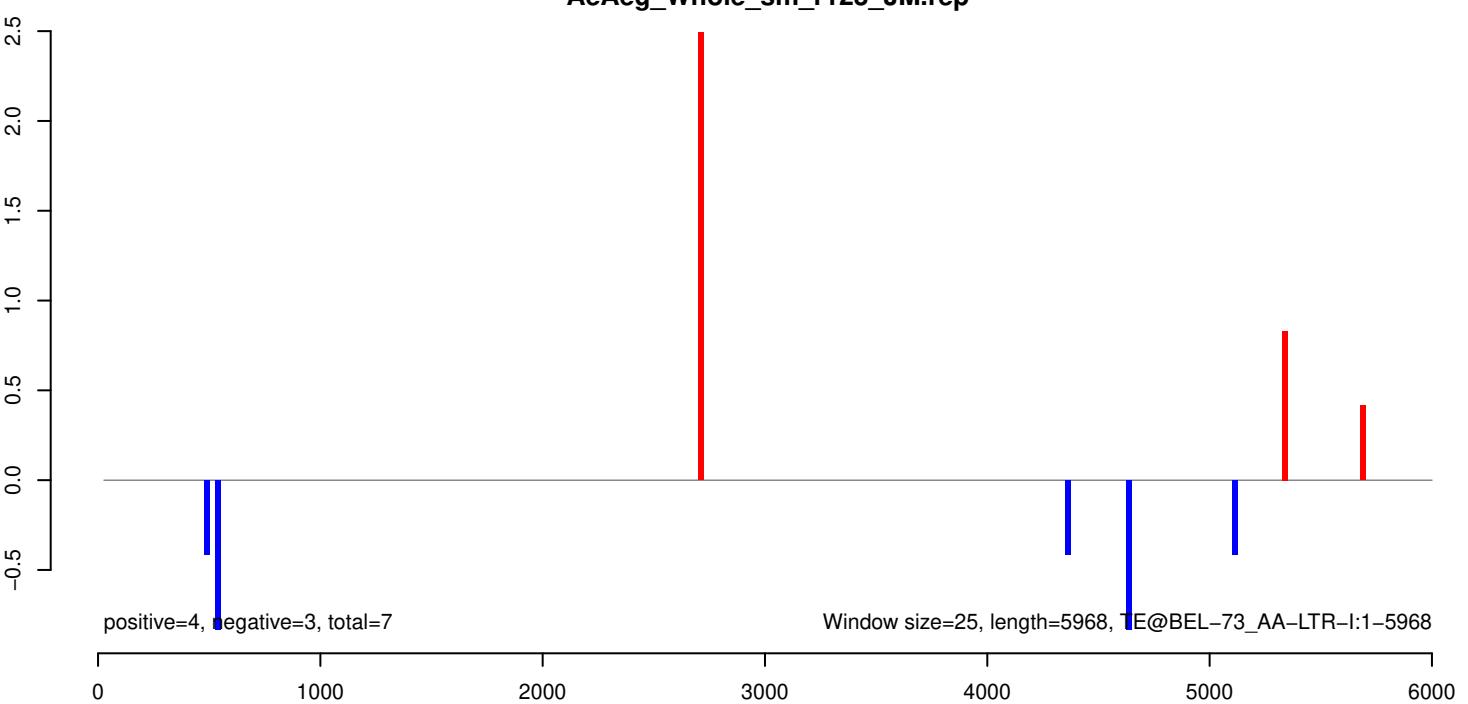
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



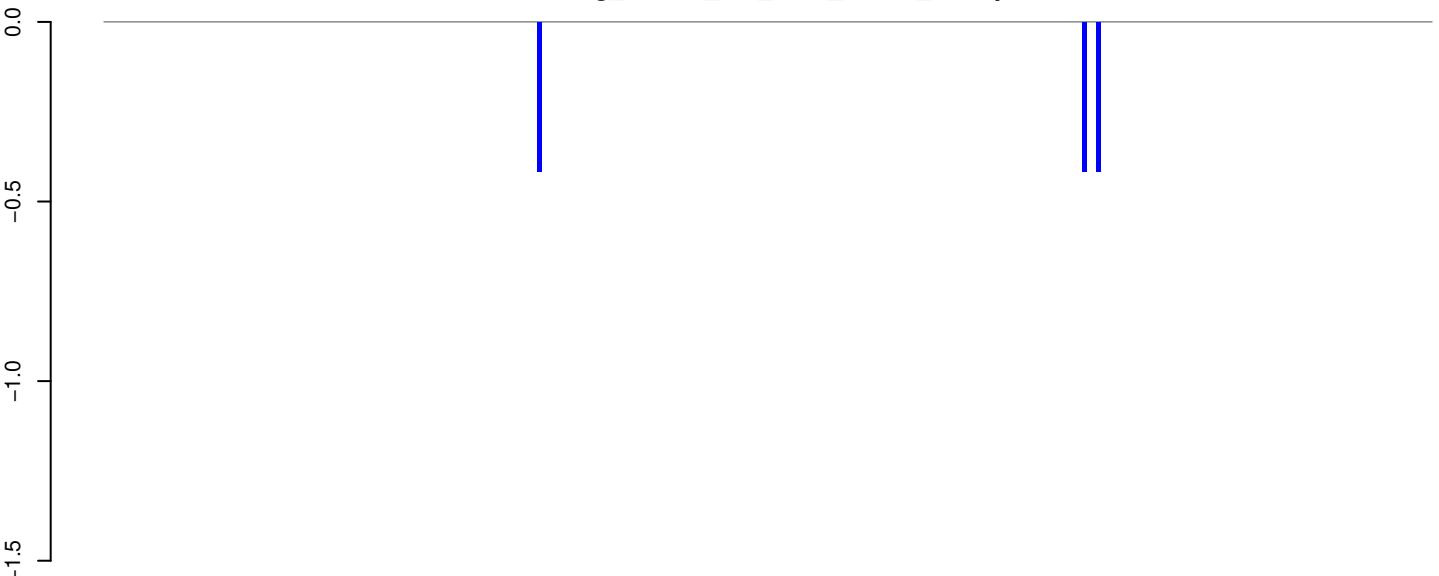
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



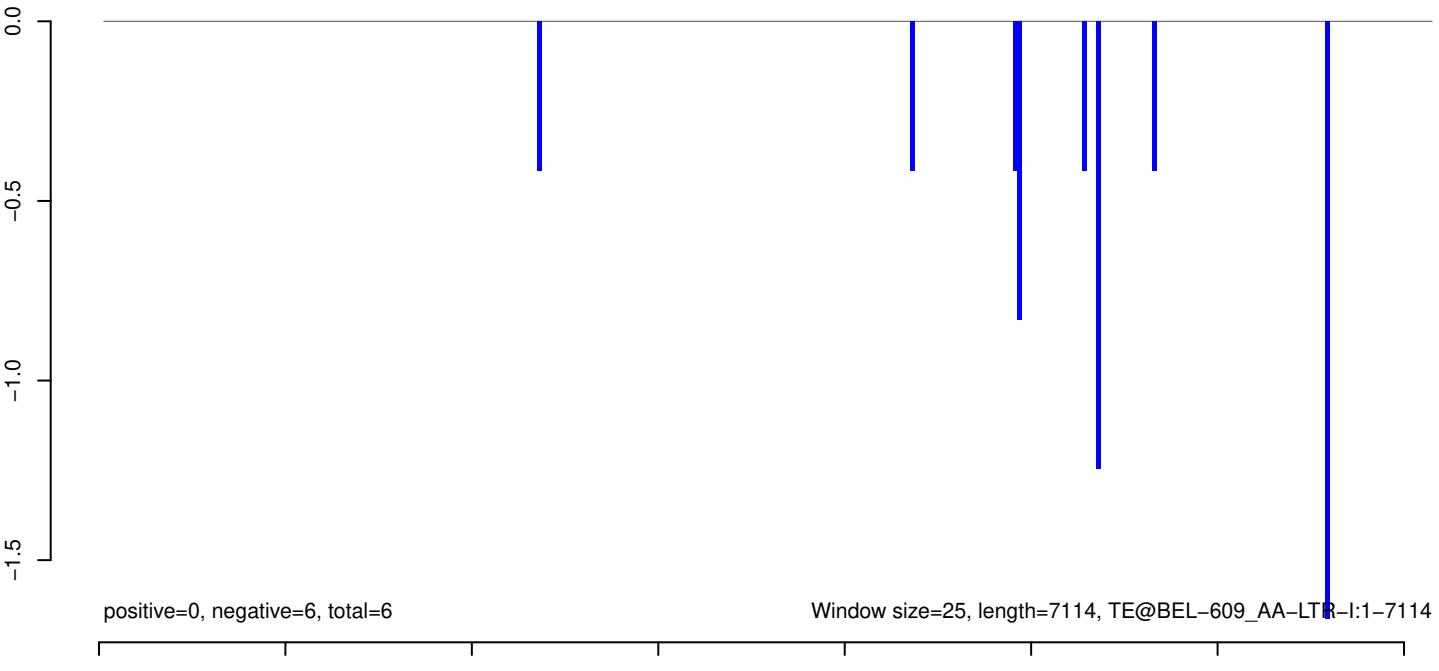
positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=5, total=5

### AeAeg\_Whole\_sm\_r123\_JM.rep

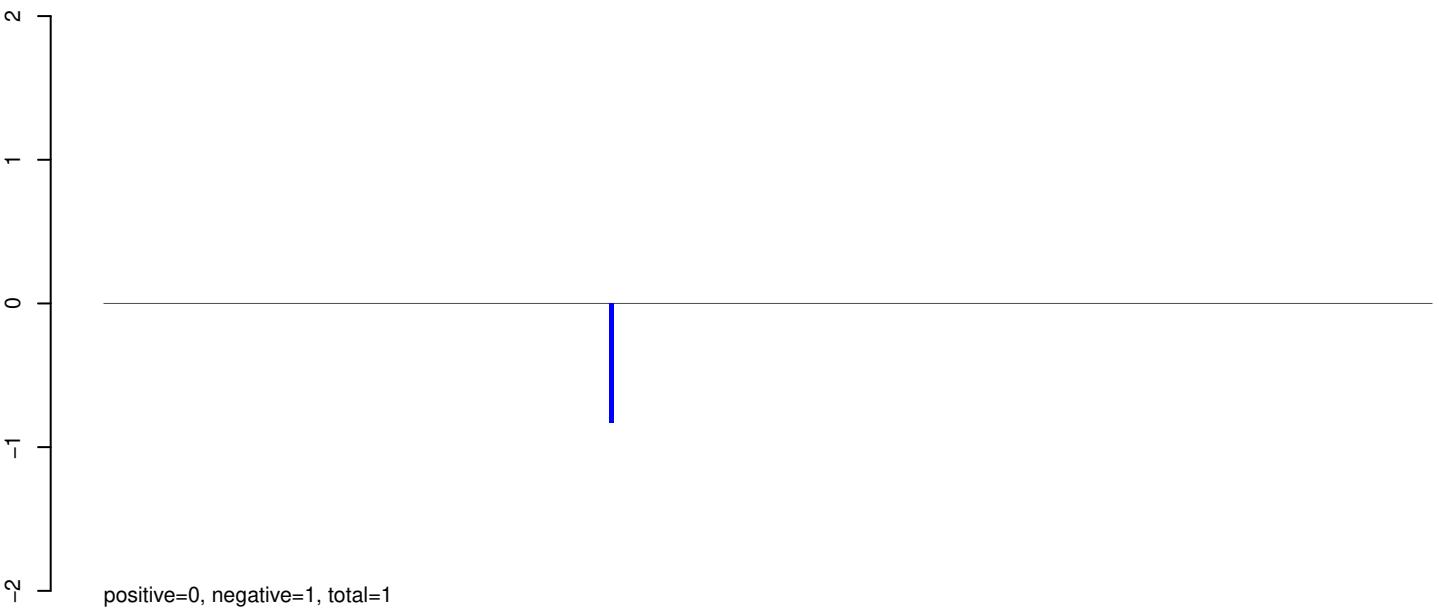


positive=0, negative=6, total=6

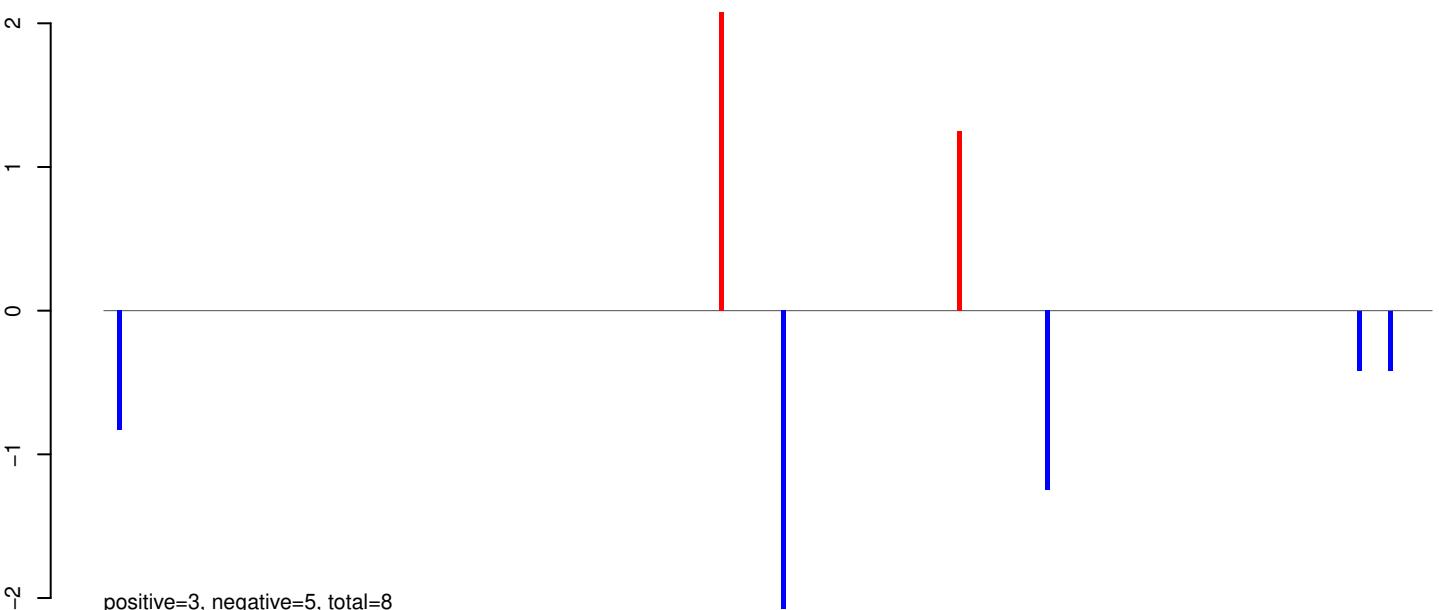
Window size=25, length=7114, TE@BEL-609\_AA-LTR-I:1-7114

0 1000 2000 3000 4000 5000 6000 7000

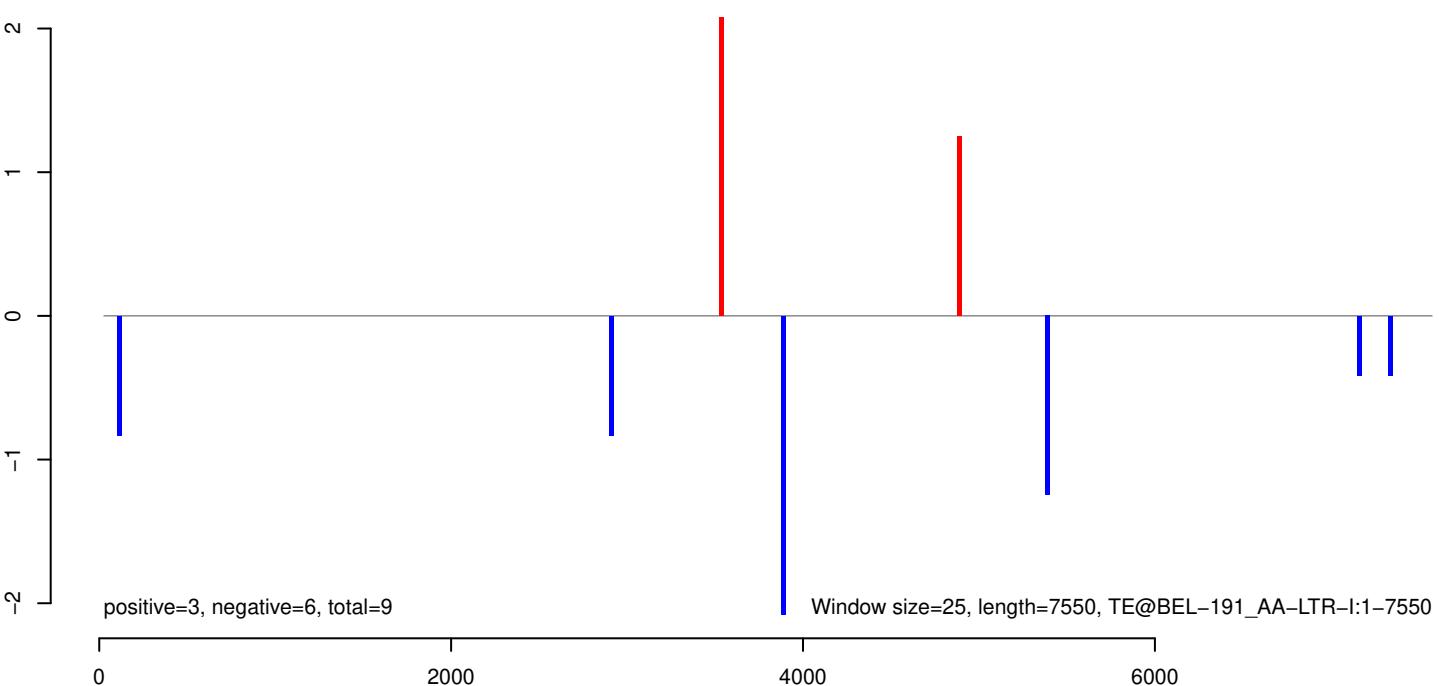
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



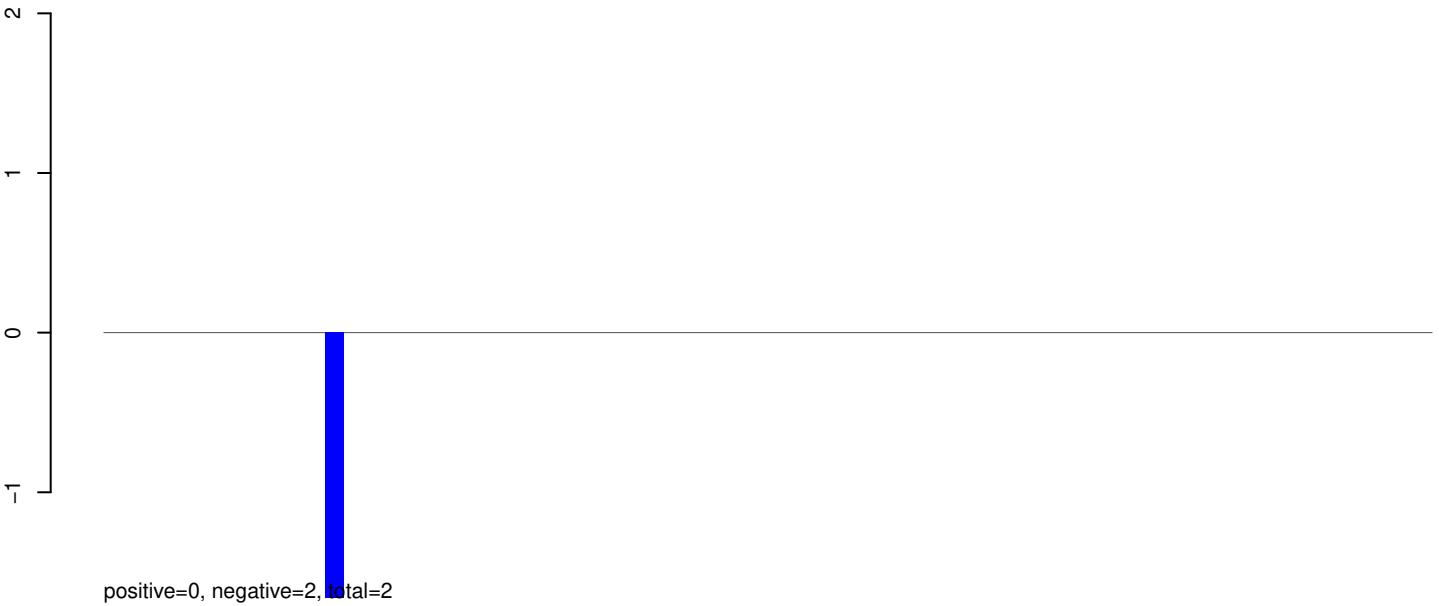
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



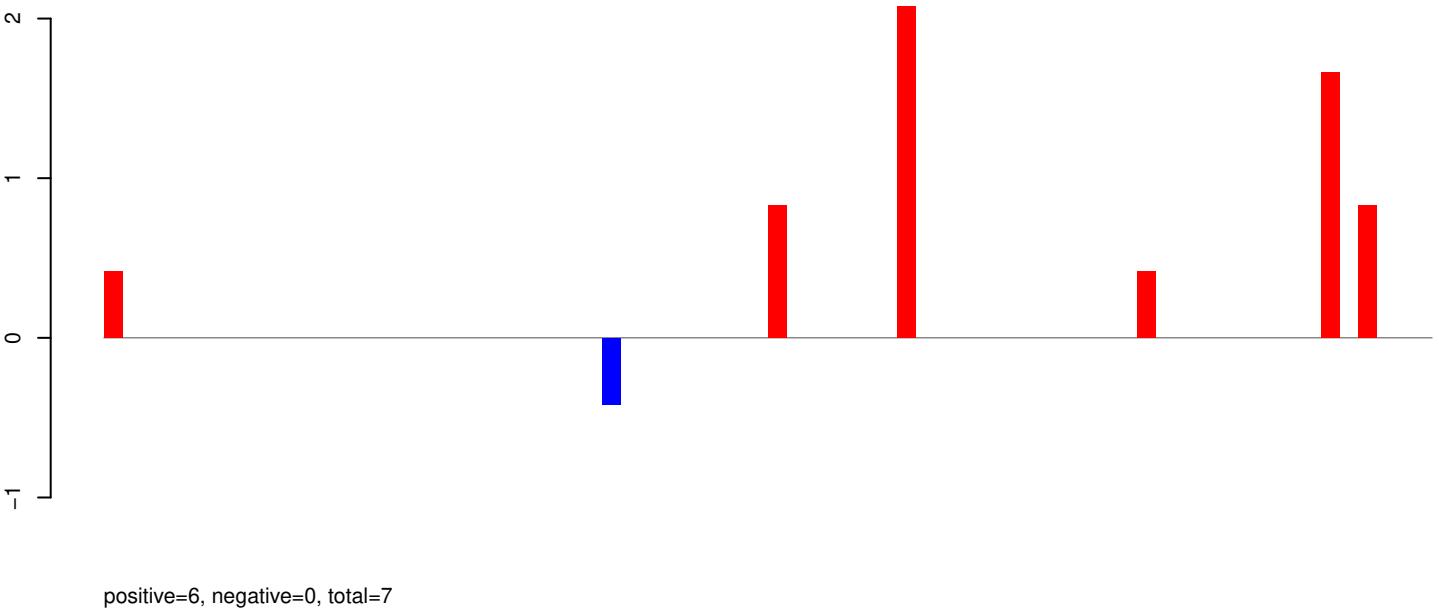
### AeAeg\_Whole\_sm\_r123\_JM.rep



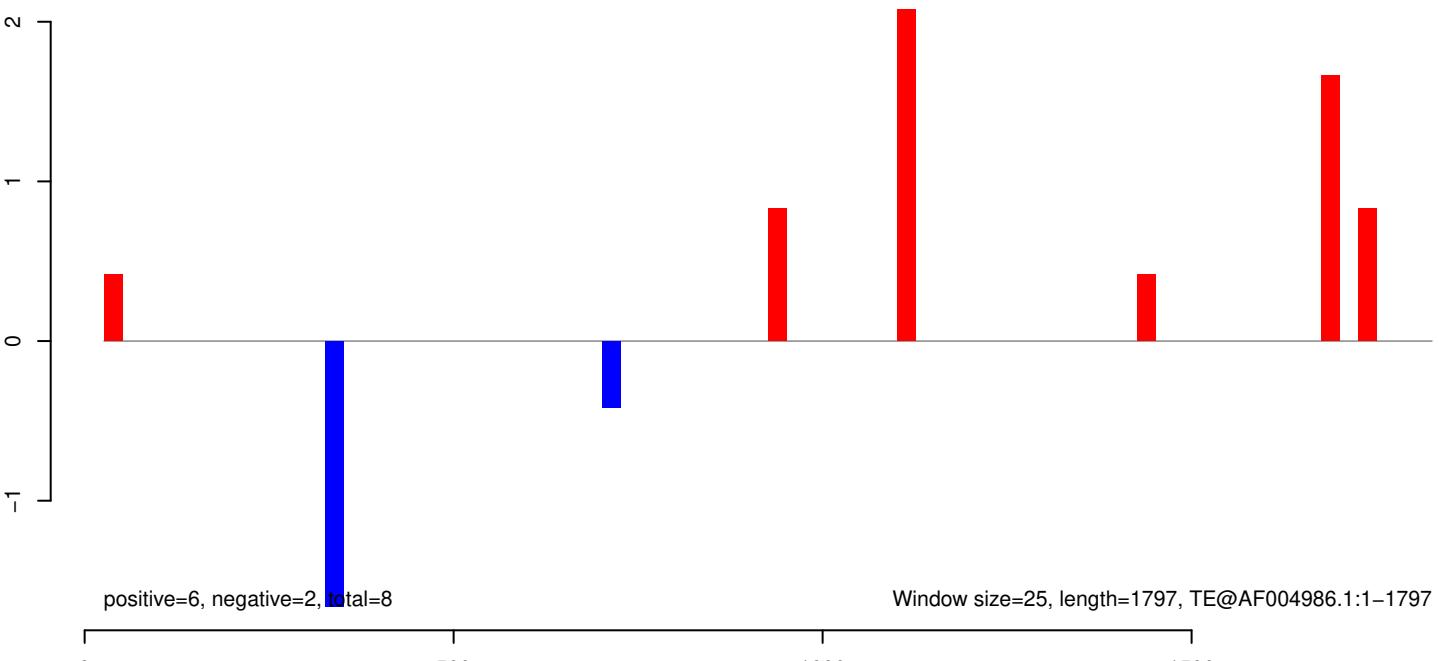
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

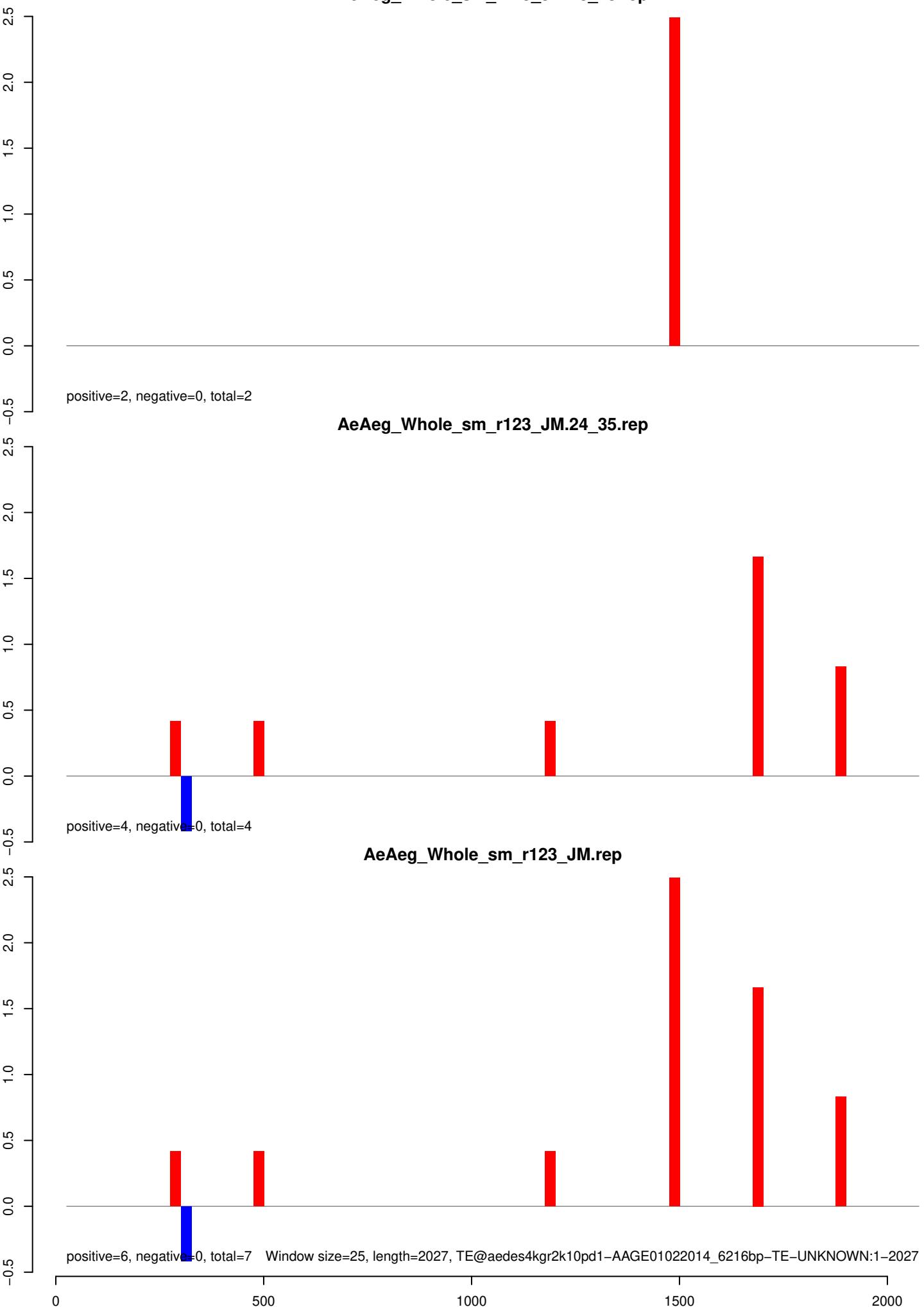
positive=2, negative=0, total=2

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

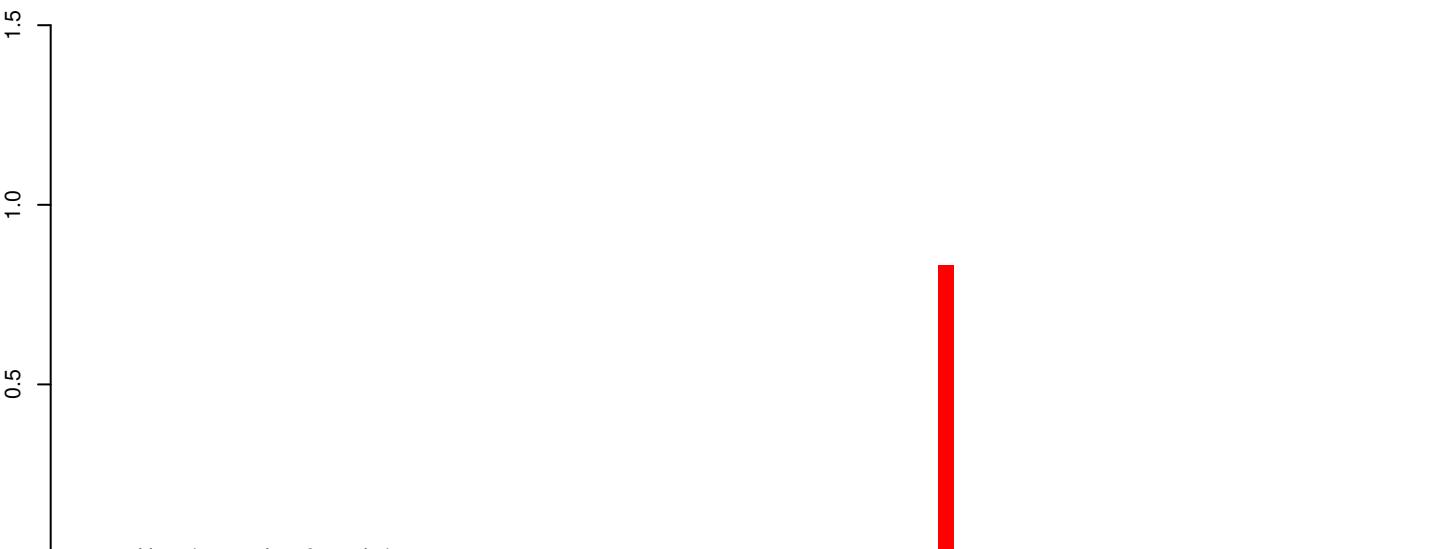
positive=4, negative=0, total=4

### AeAeg\_Whole\_sm\_r123\_JM.rep

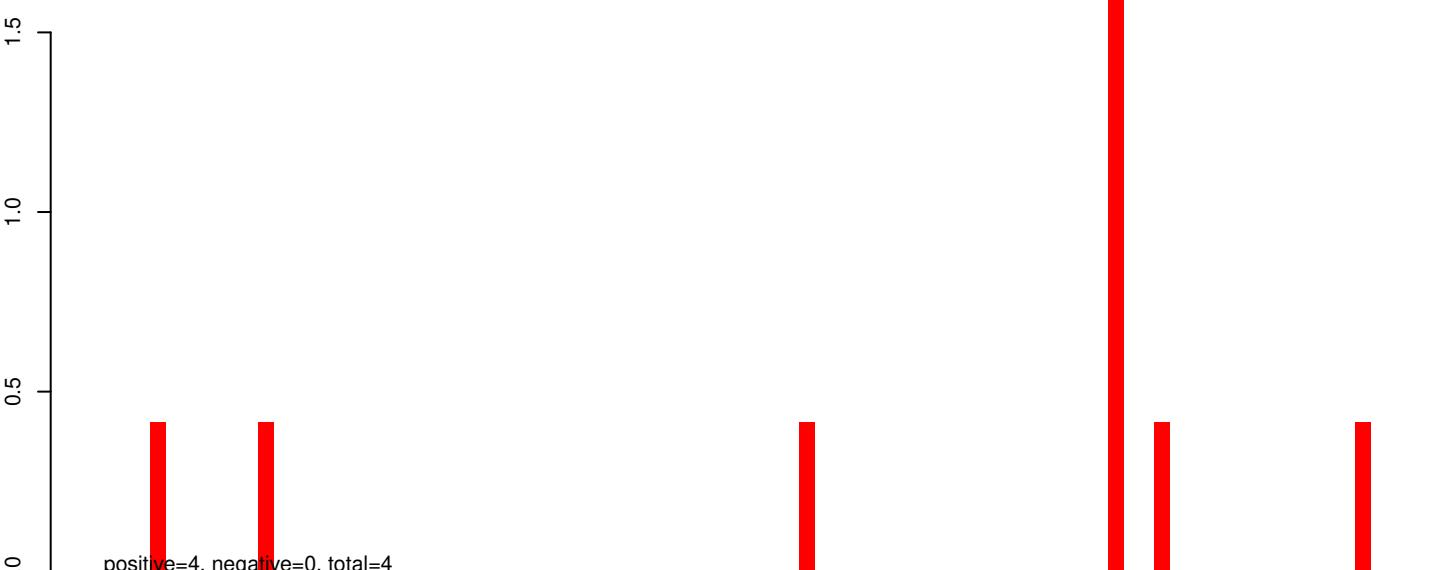
positive=6, negative=0, total=7   Window size=25, length=2027, TE@aedes4kgr2k10pd1–AAGE01022014\_6216bp–TE–UNKNOWN:1–2027



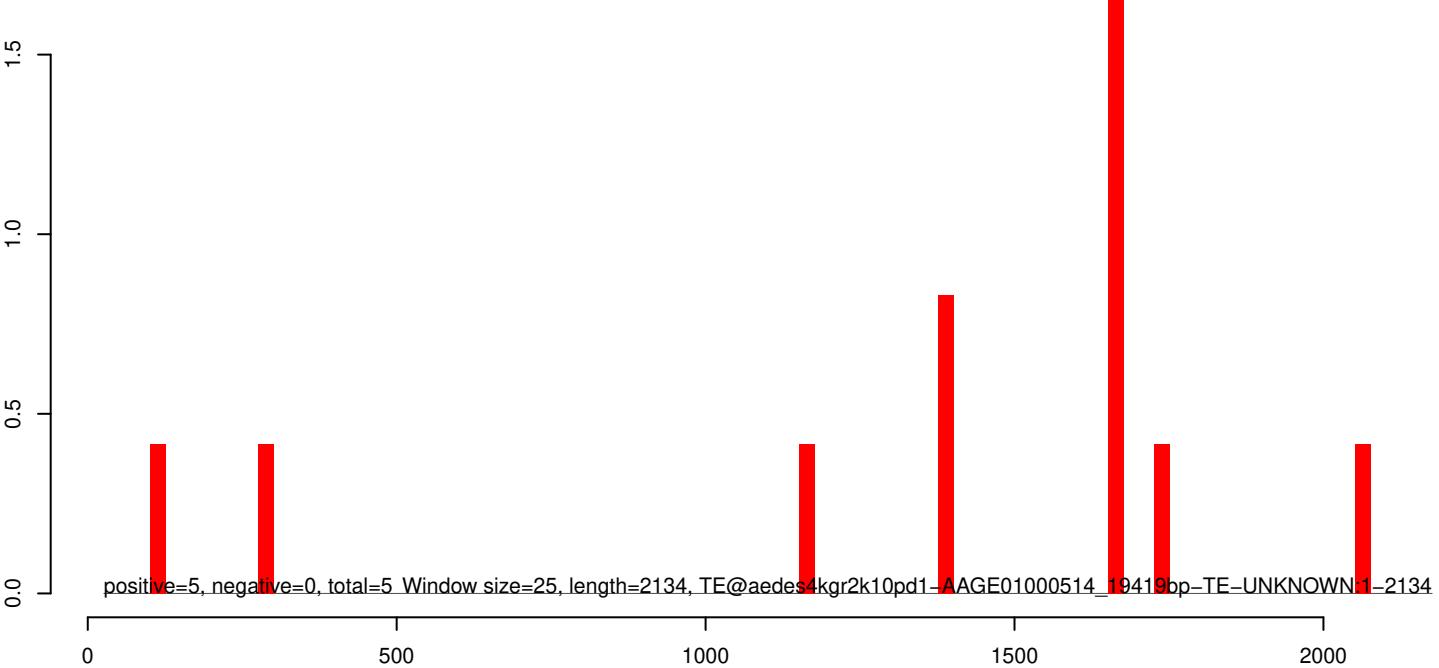
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



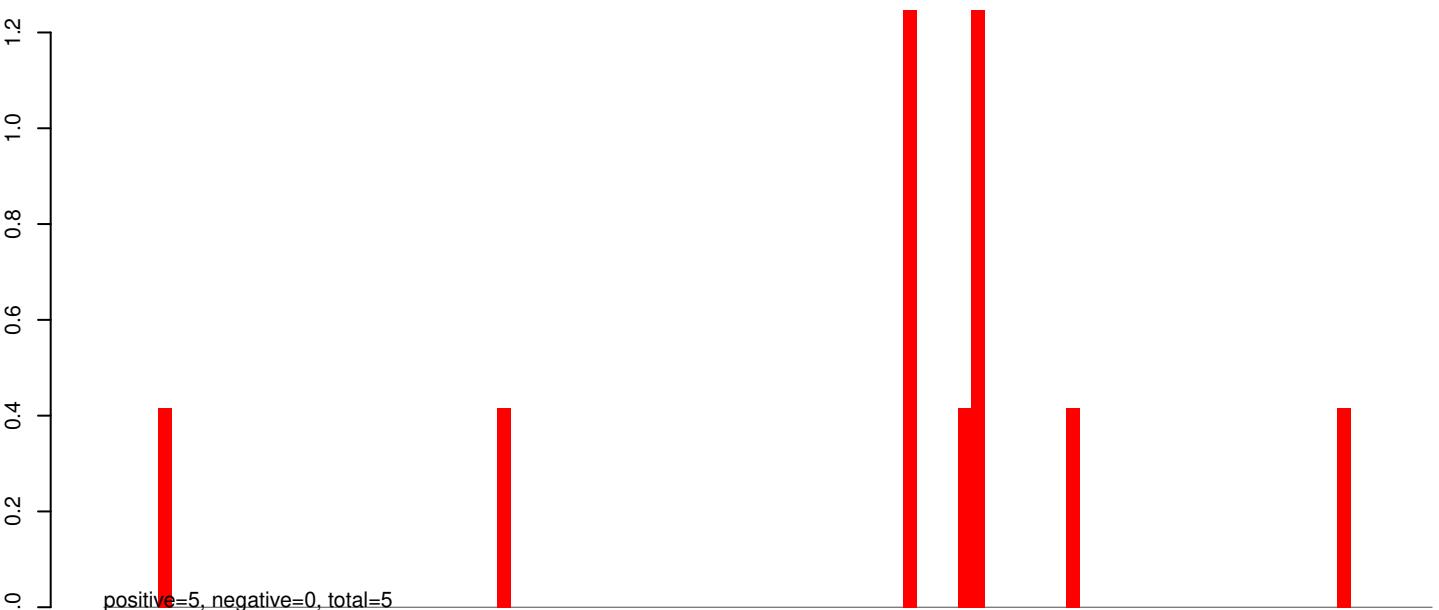
AeAeg\_Whole\_sm\_r123\_JM.rep



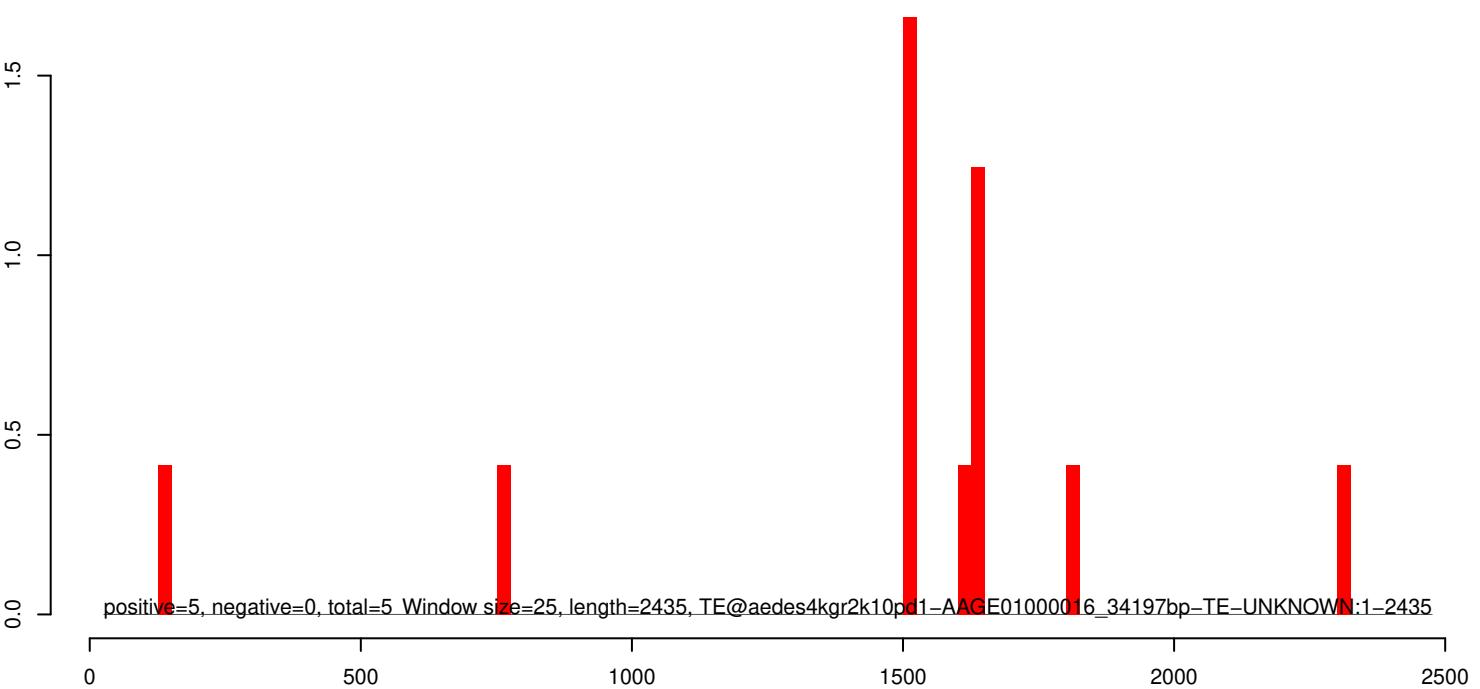
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



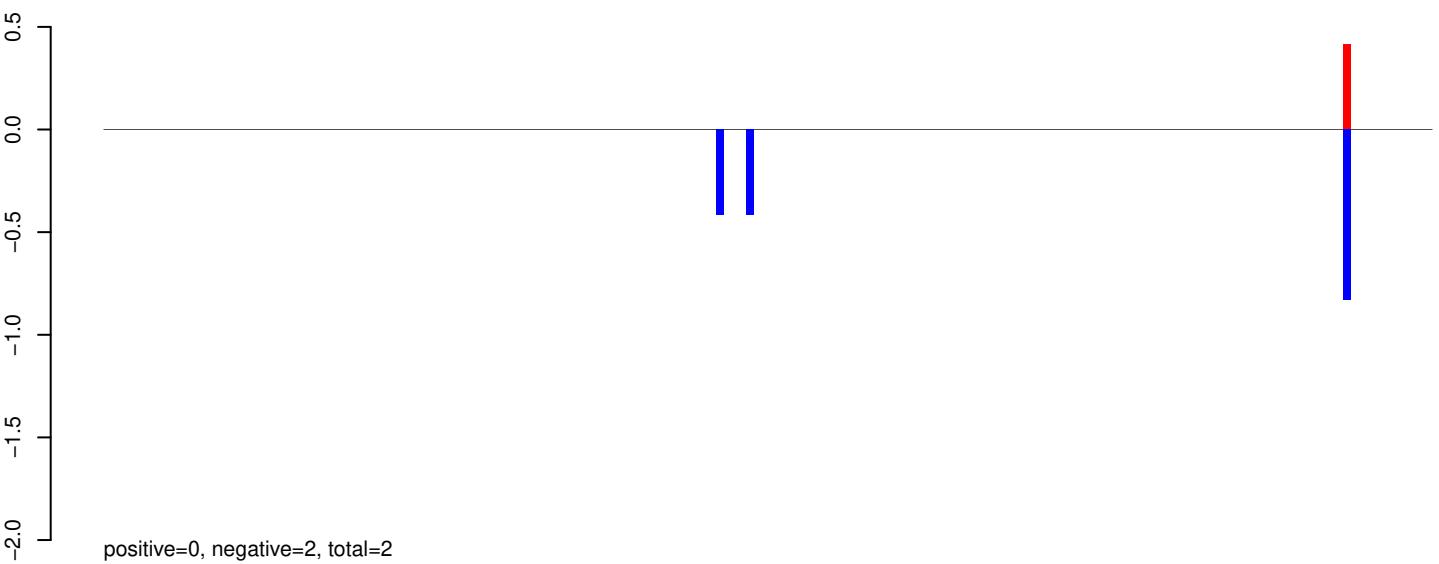
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



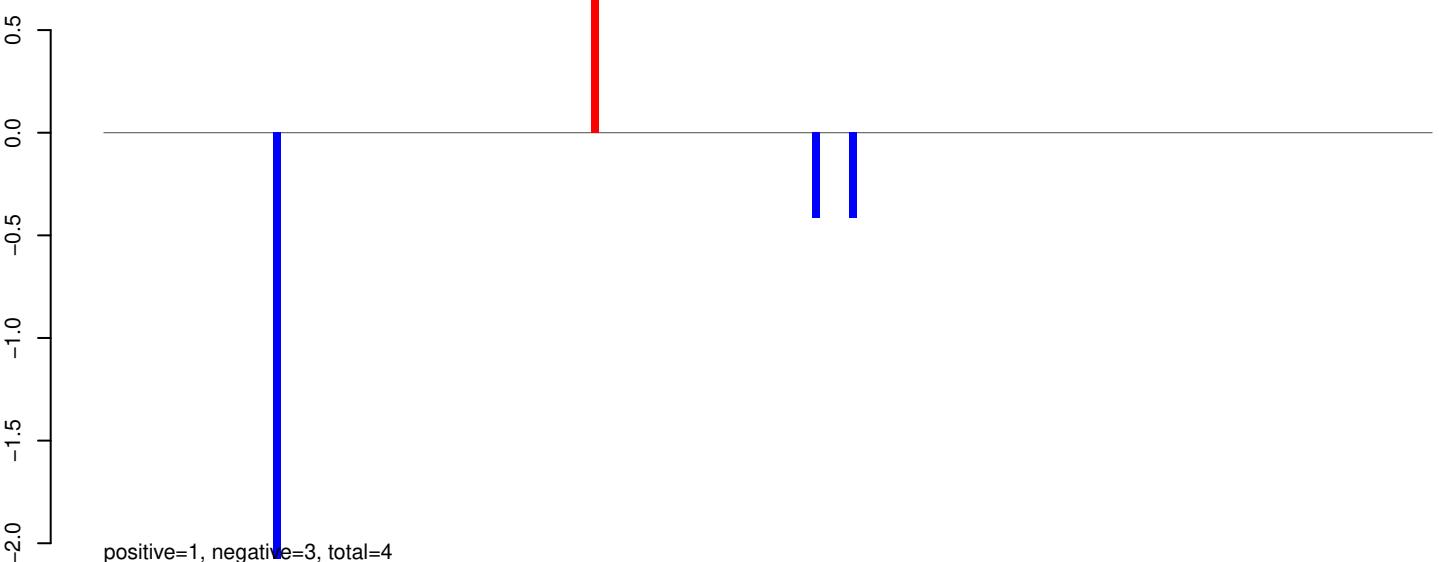
### AeAeg\_Whole\_sm\_r123\_JM.rep



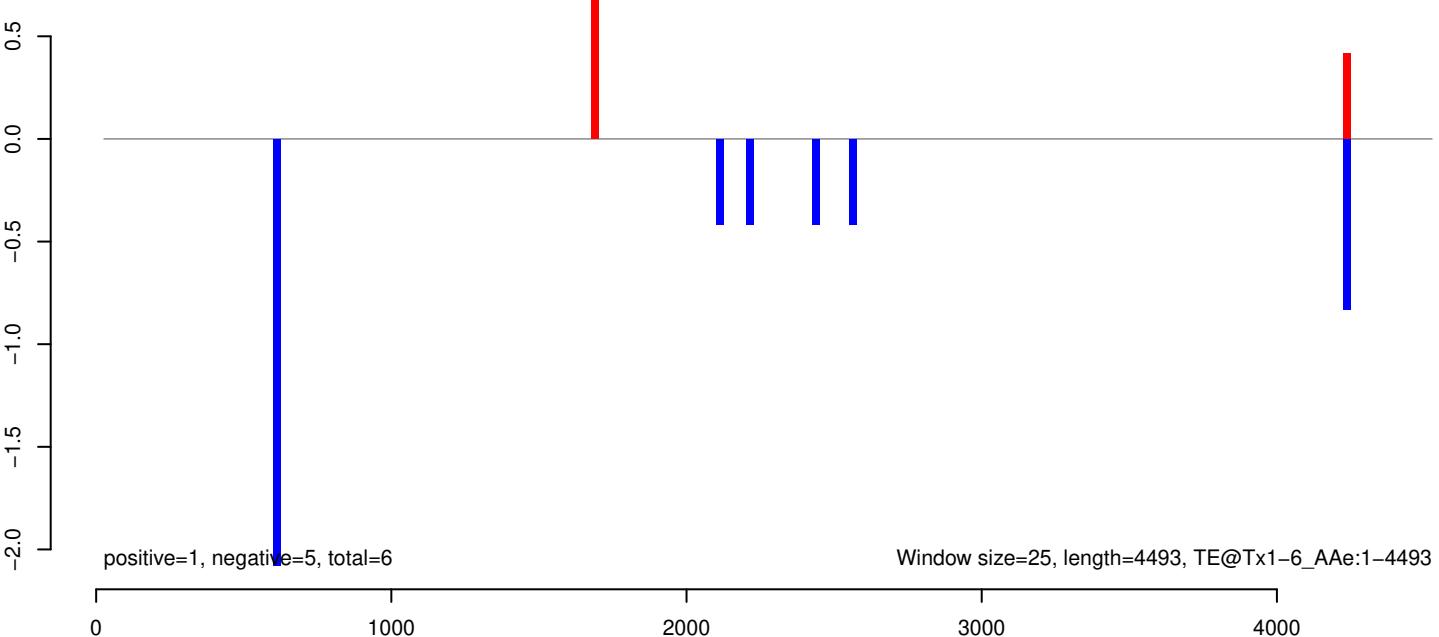
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



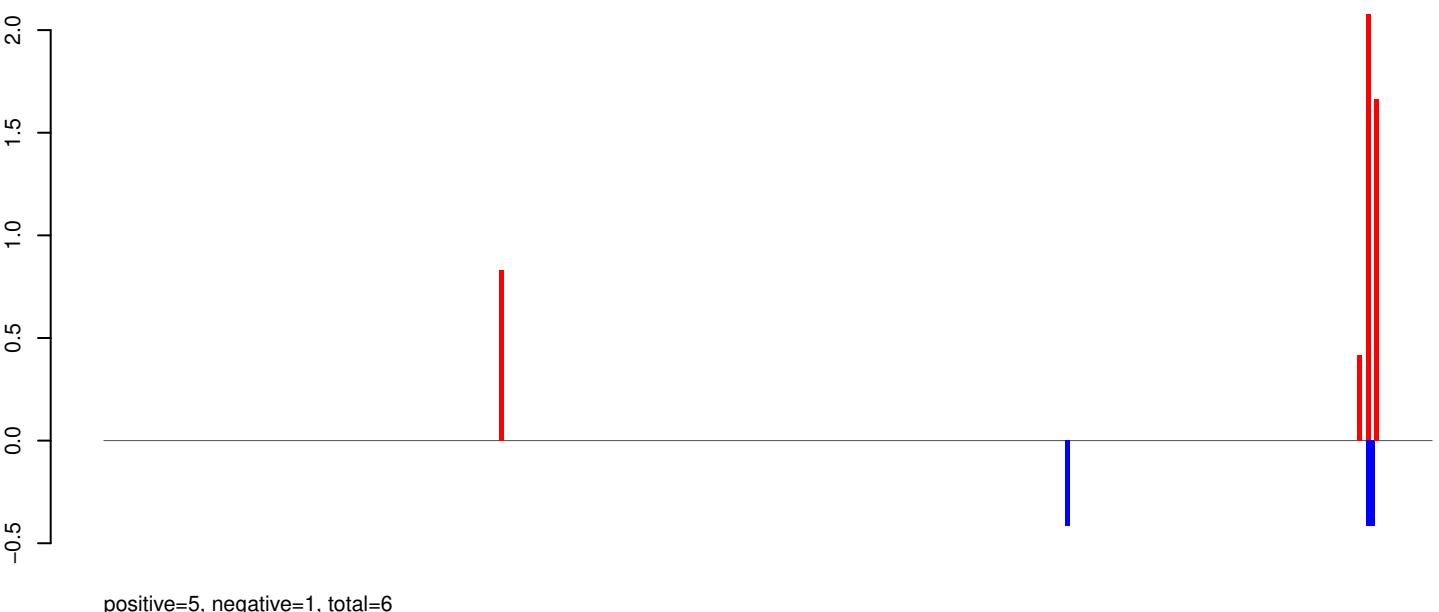
### AeAeg\_Whole\_sm\_r123\_JM.rep



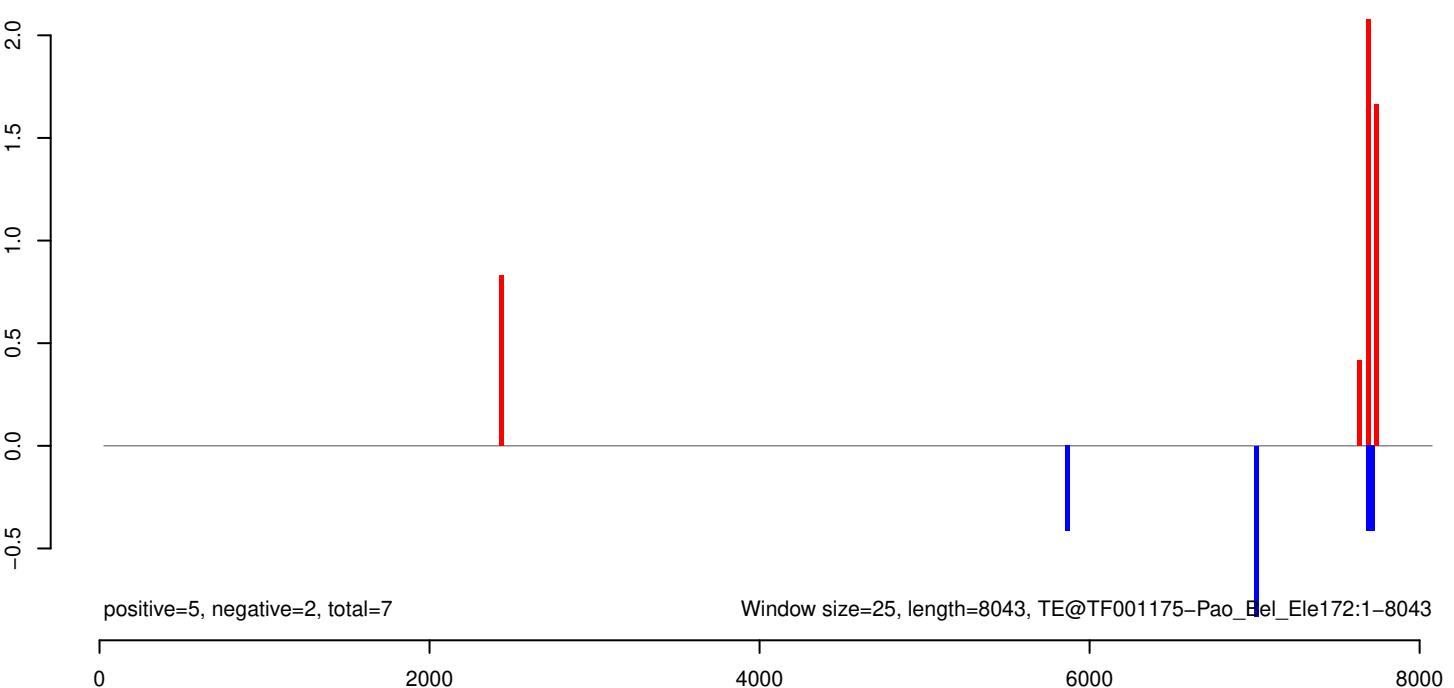
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



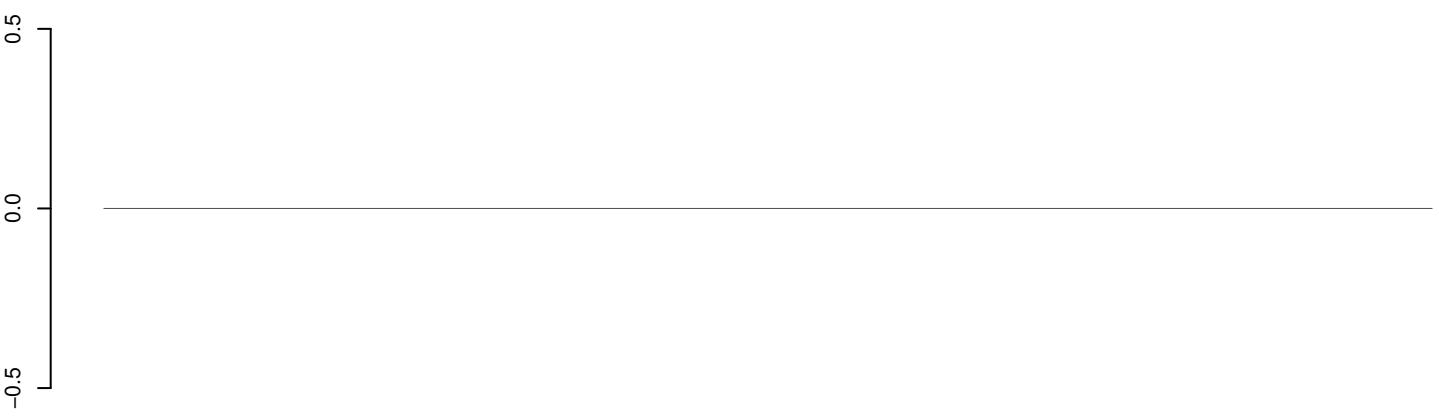
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

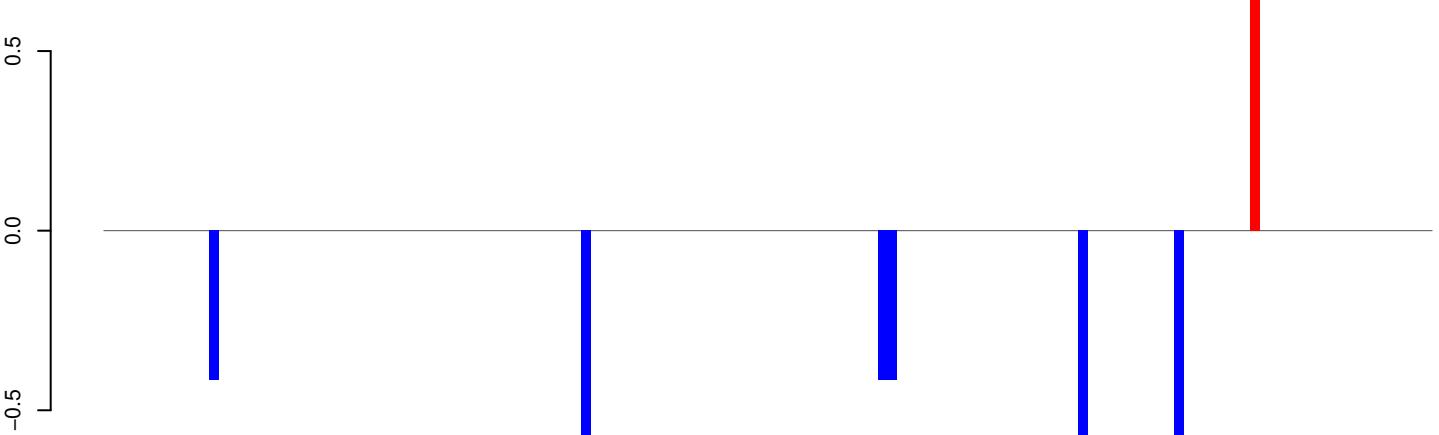


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



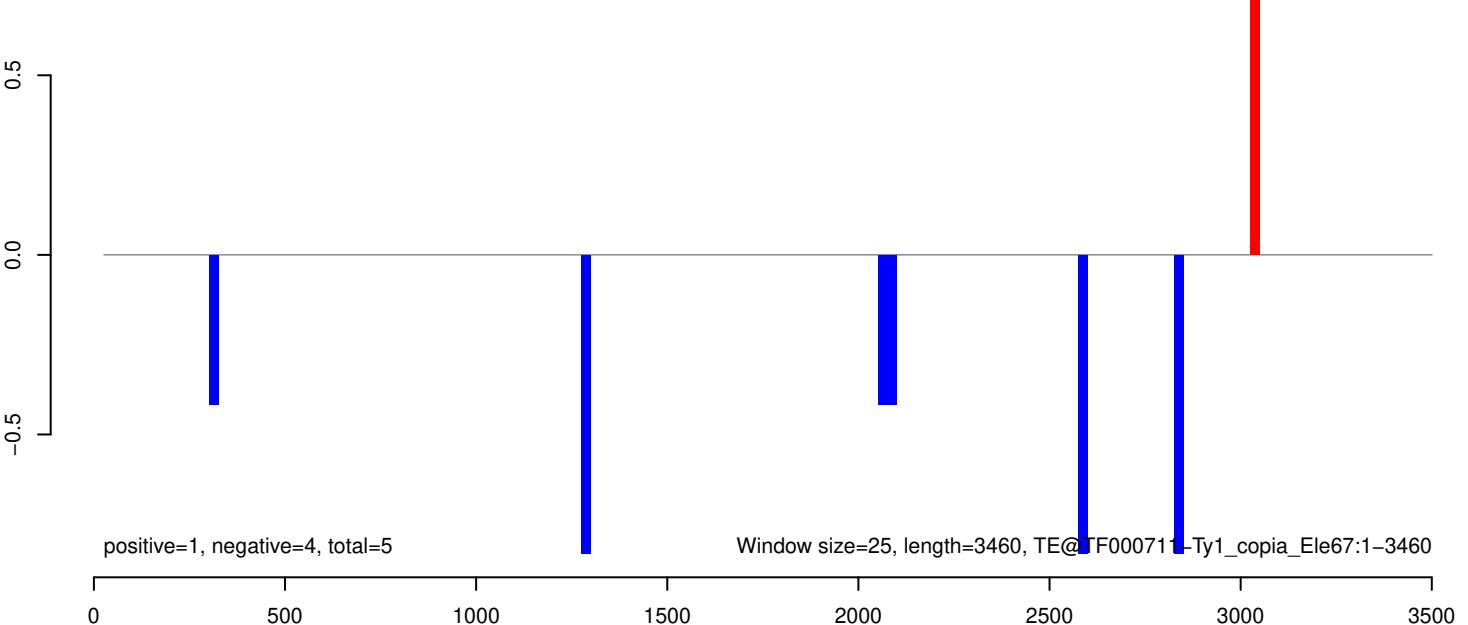
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

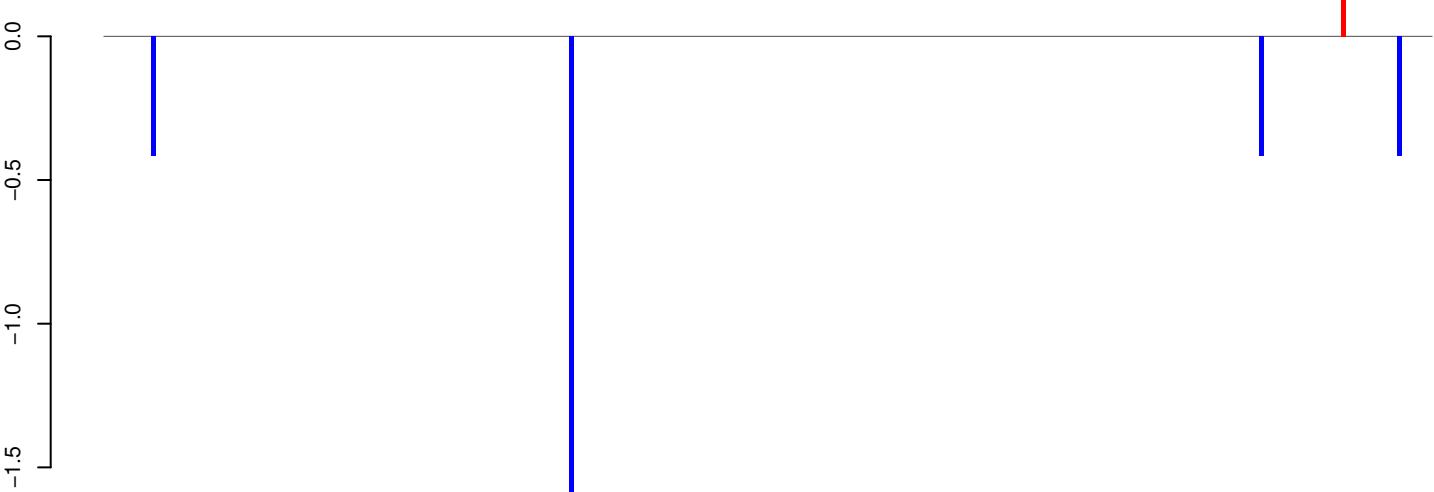


positive=1, negative=4, total=5

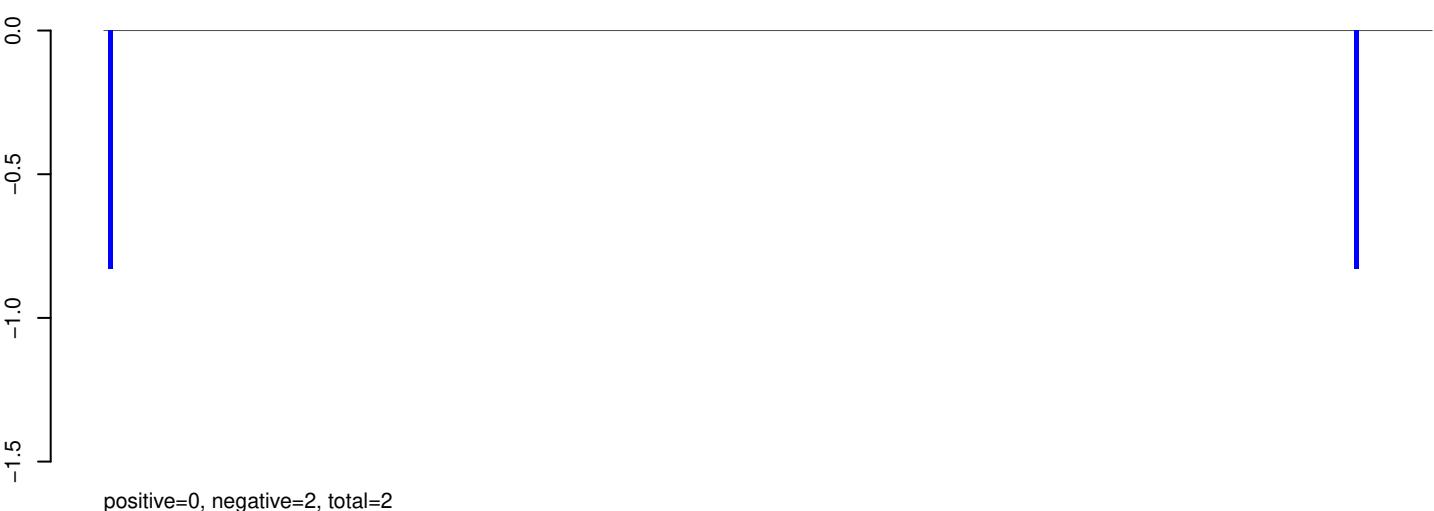
**AeAeg\_Whole\_sm\_r123\_JM.rep**



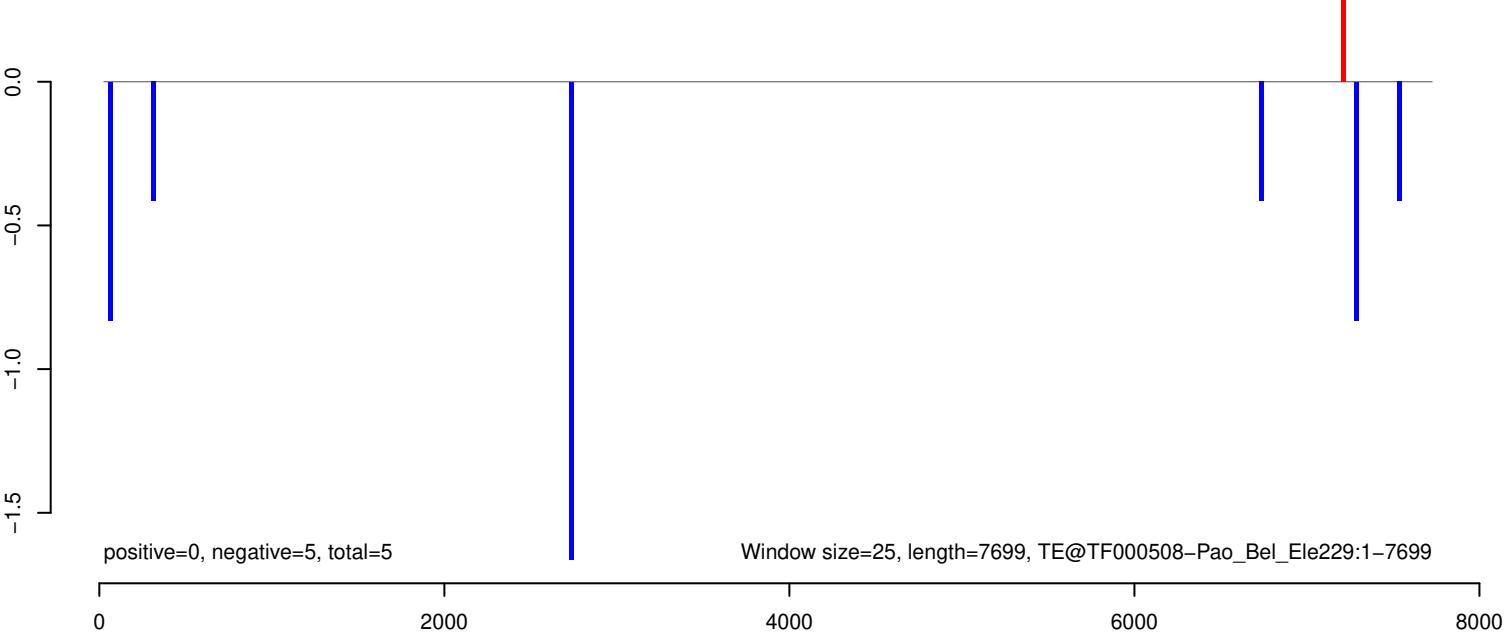
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



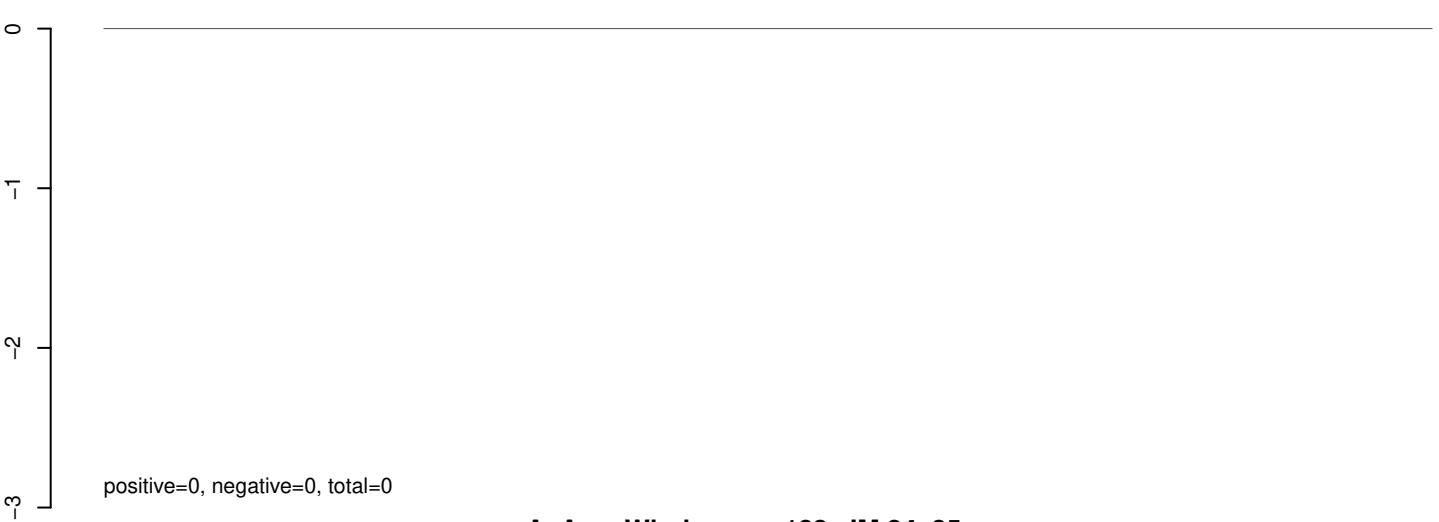
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



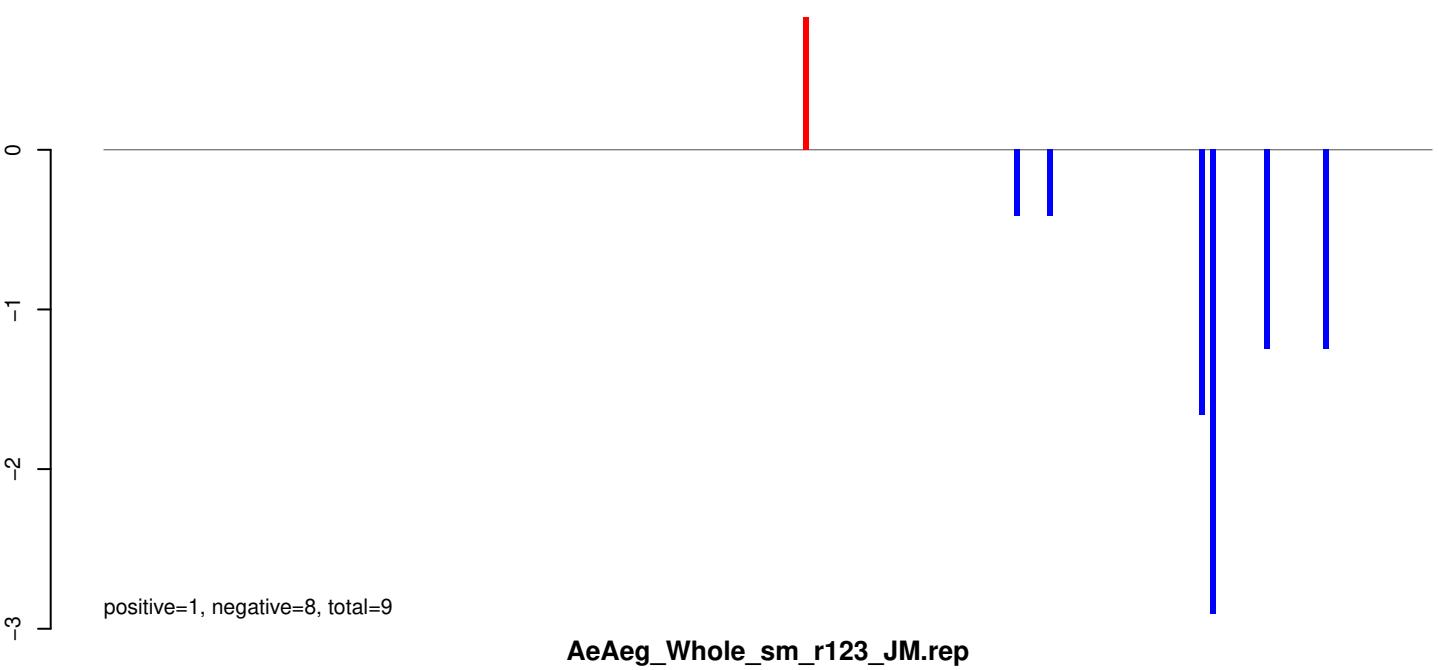
**AeAeg\_Whole\_sm\_r123\_JM.rep**



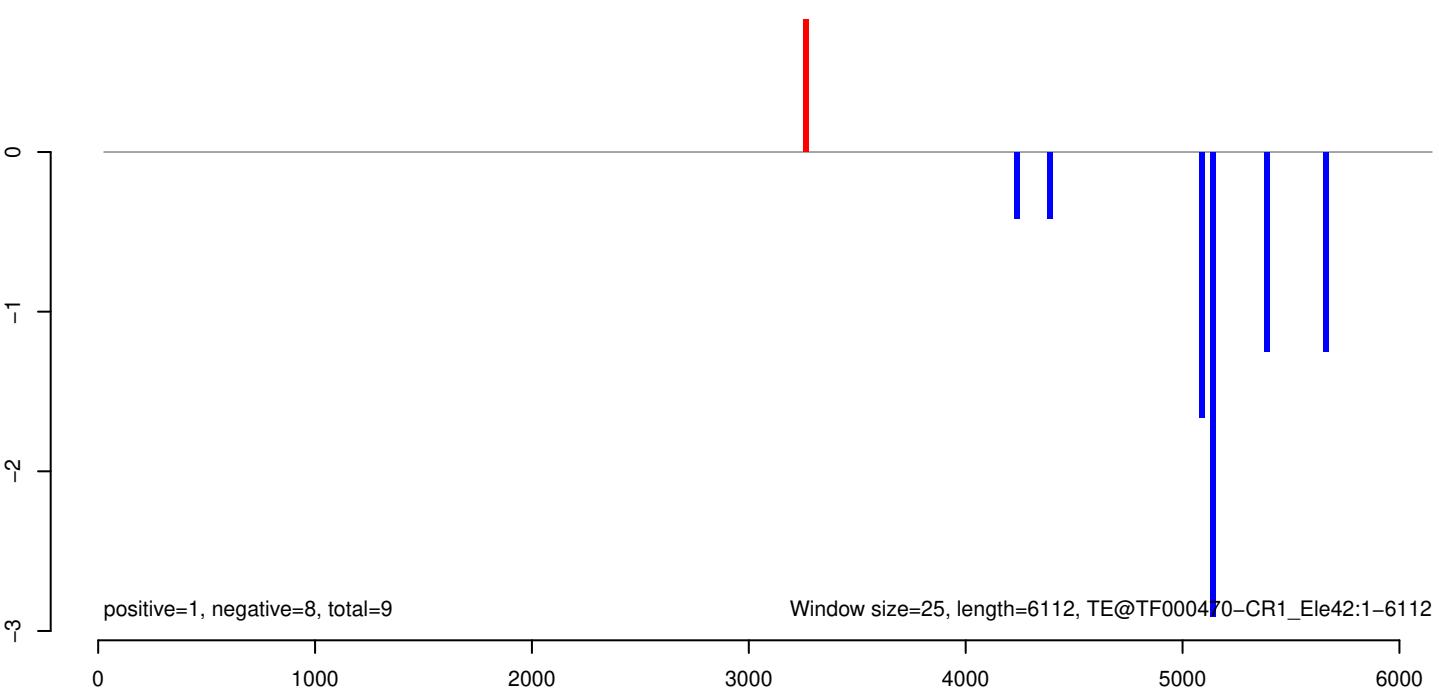
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



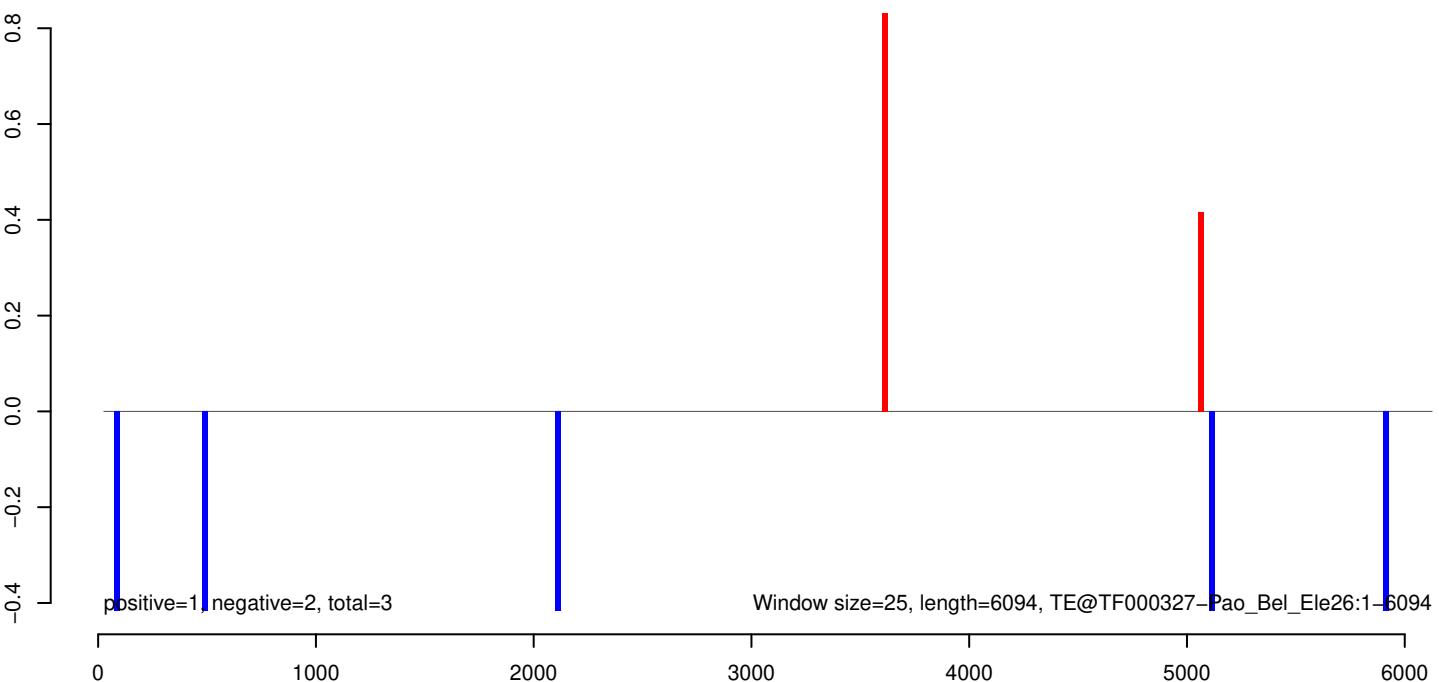
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



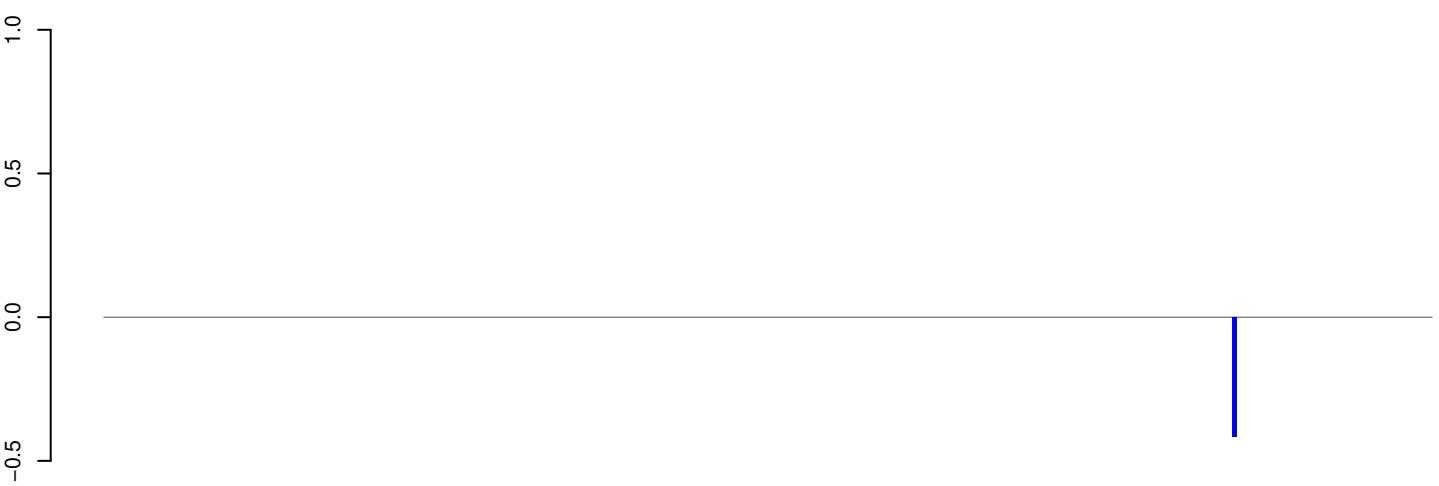
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

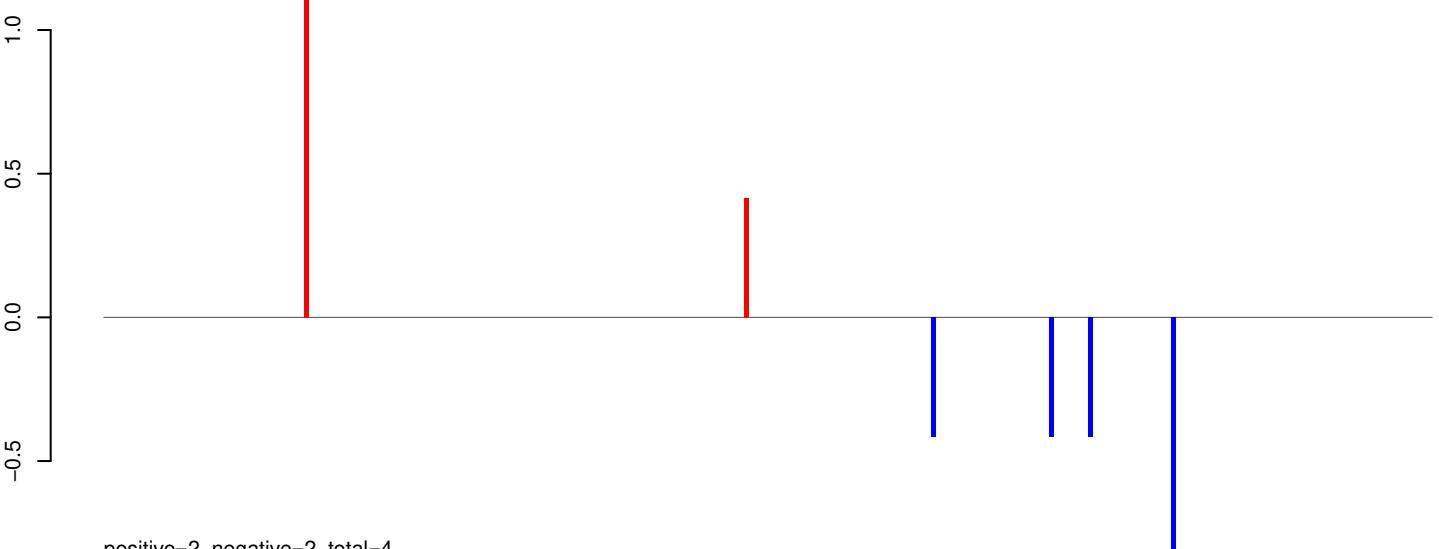


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



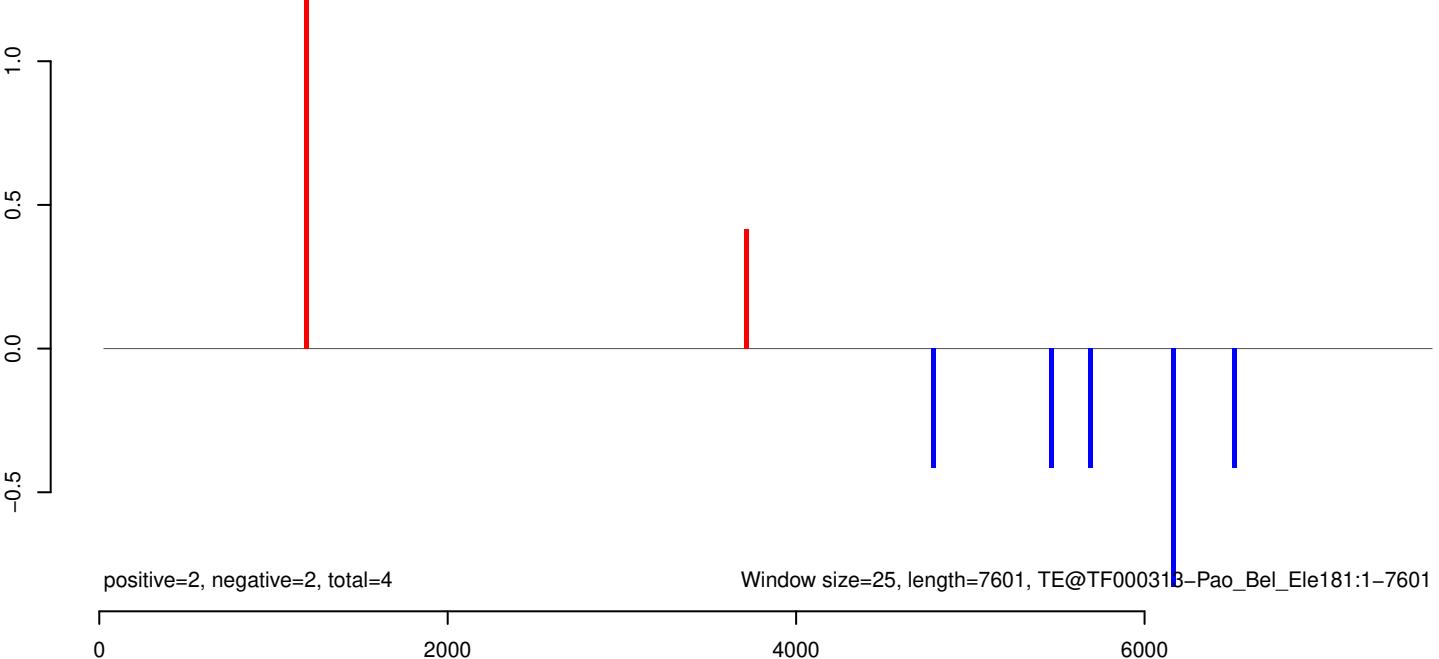
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=2, total=4

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=2, negative=2, total=4

Window size=25, length=7601, TE@TF000318-Pao\_Bel\_Ele181:1-7601

0 2000 4000 6000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1

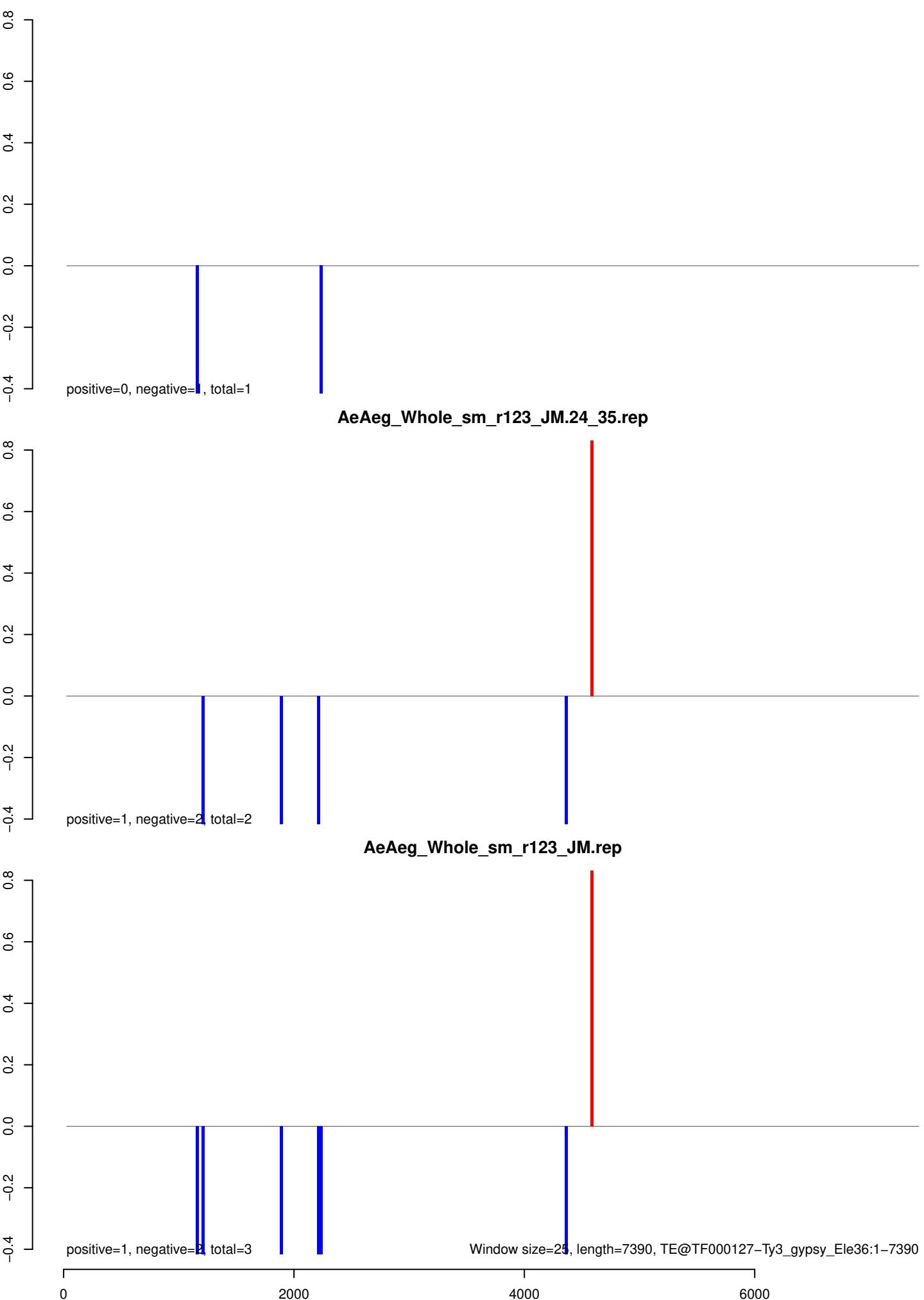
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=2, total=2

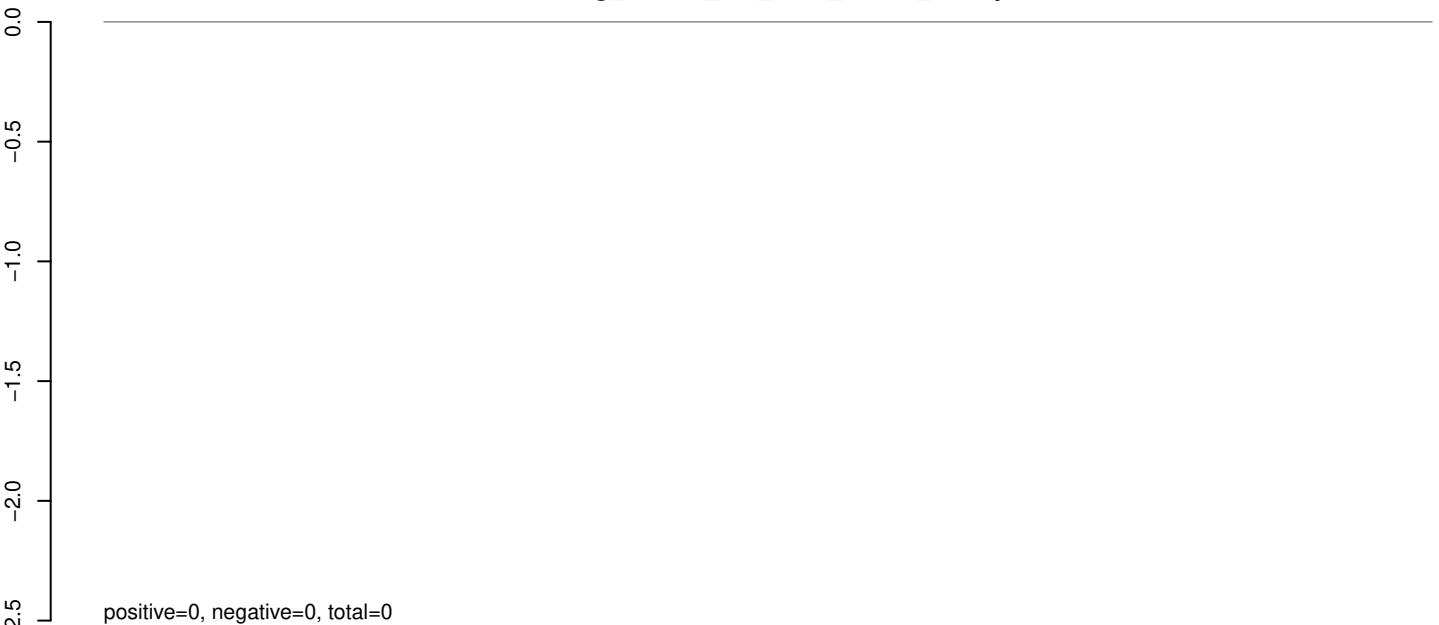
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=2, total=3

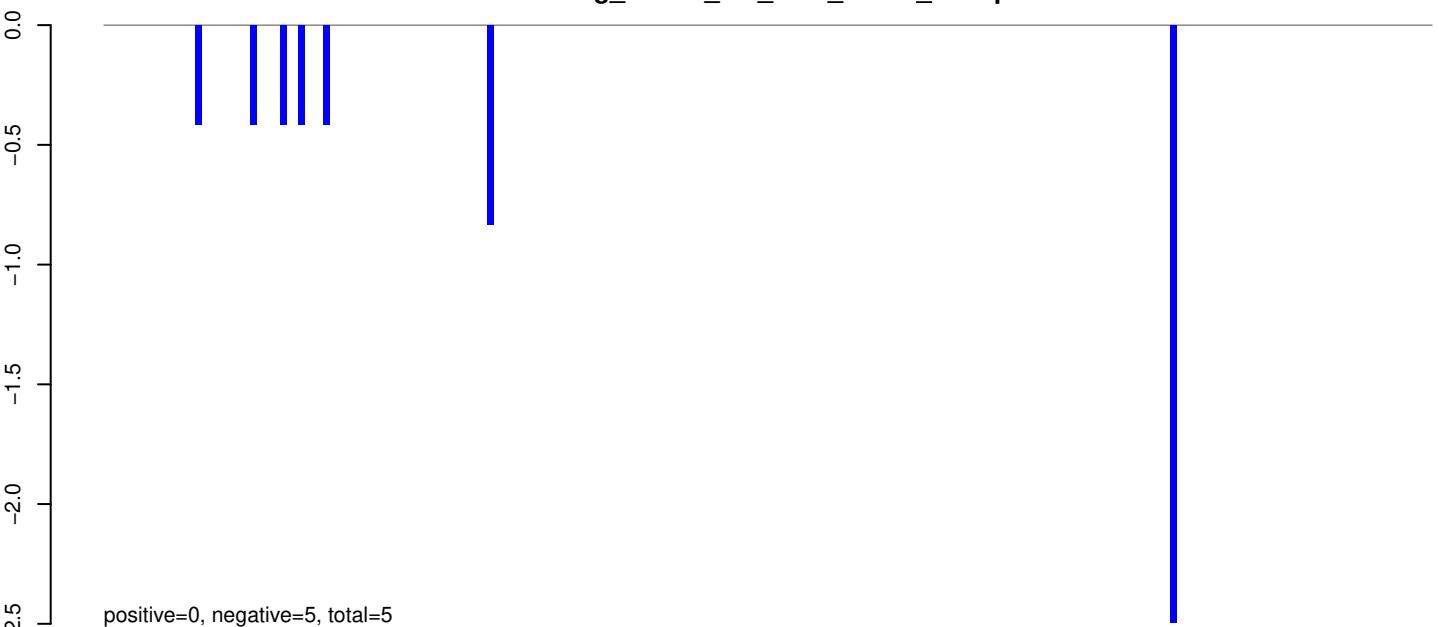
Window size=25, length=7390, TE@TF000127-Ty3\_gypsy\_Ele36:1-7390



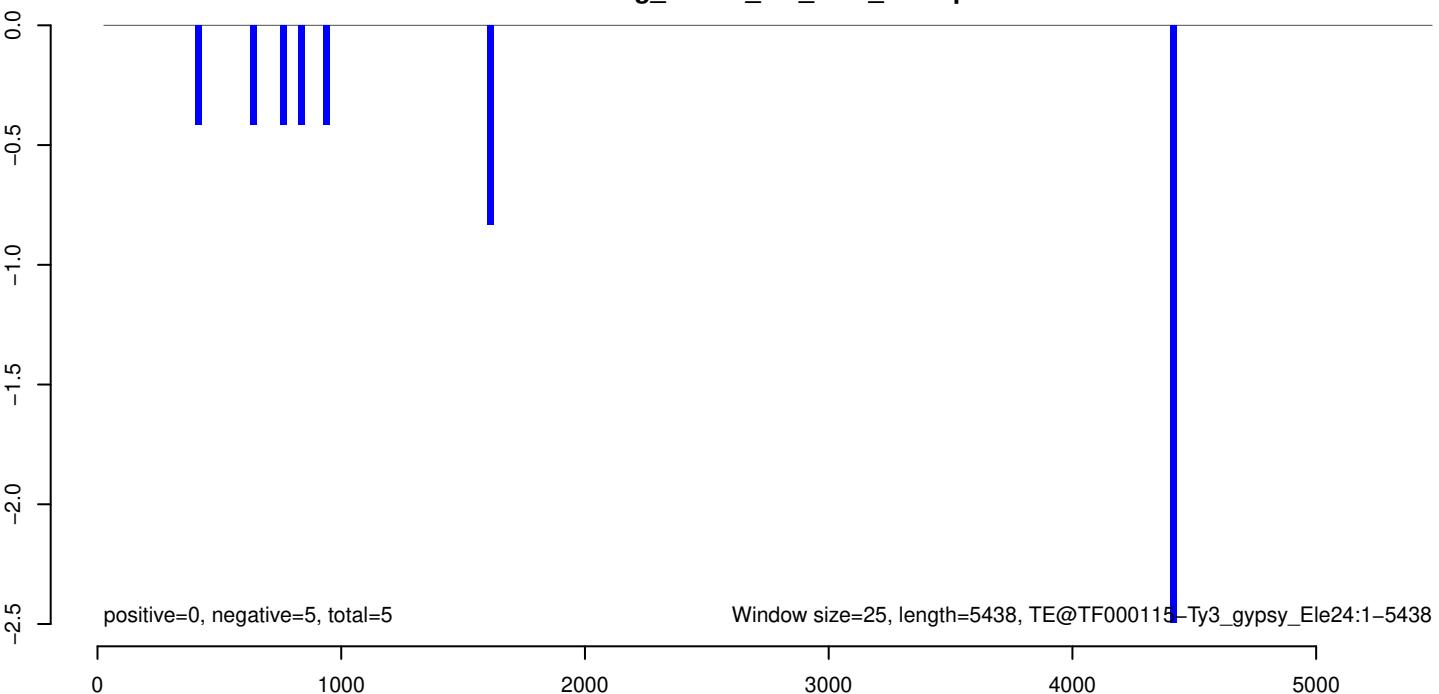
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



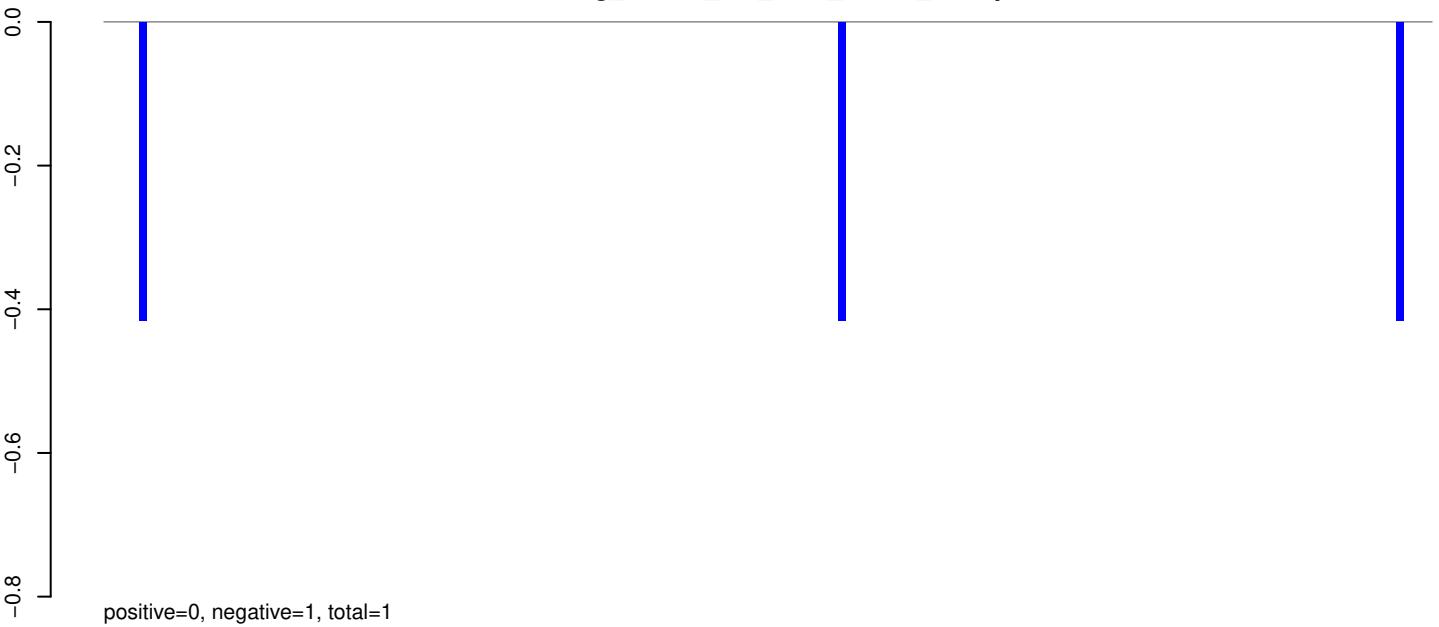
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



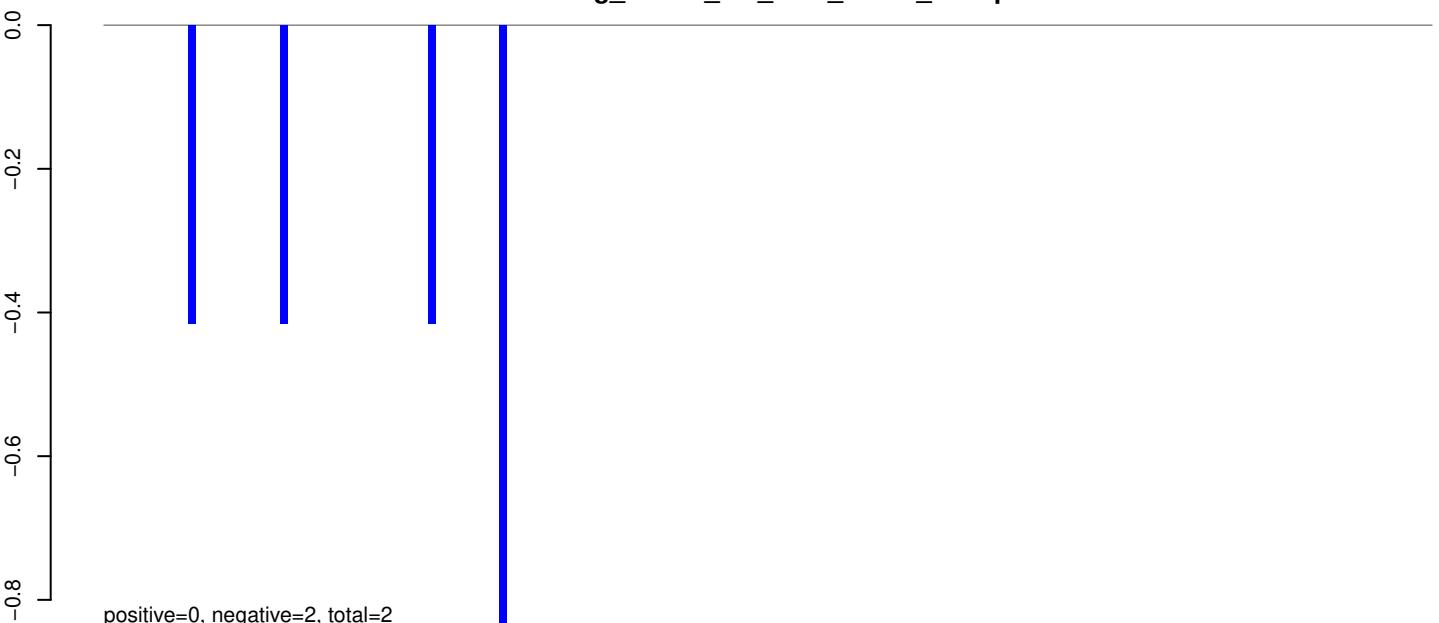
### AeAeg\_Whole\_sm\_r123\_JM.rep



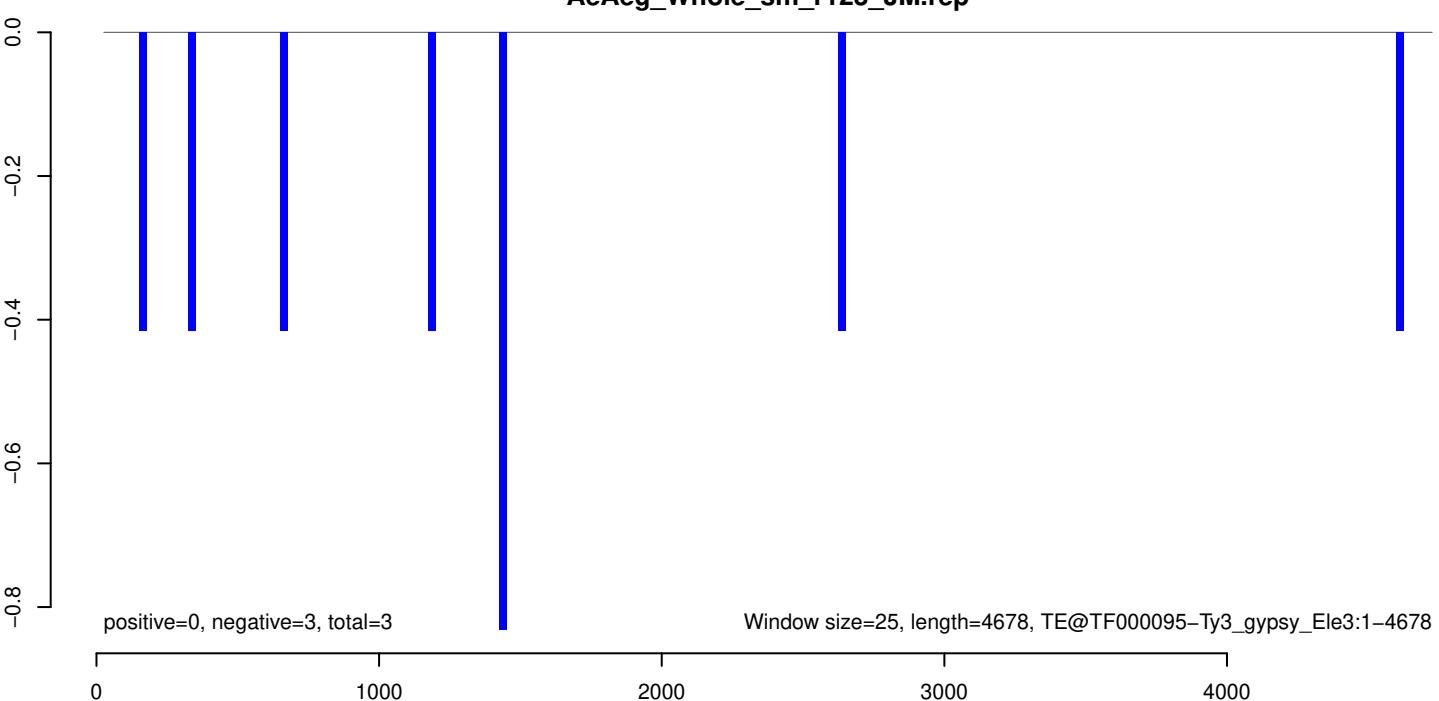
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



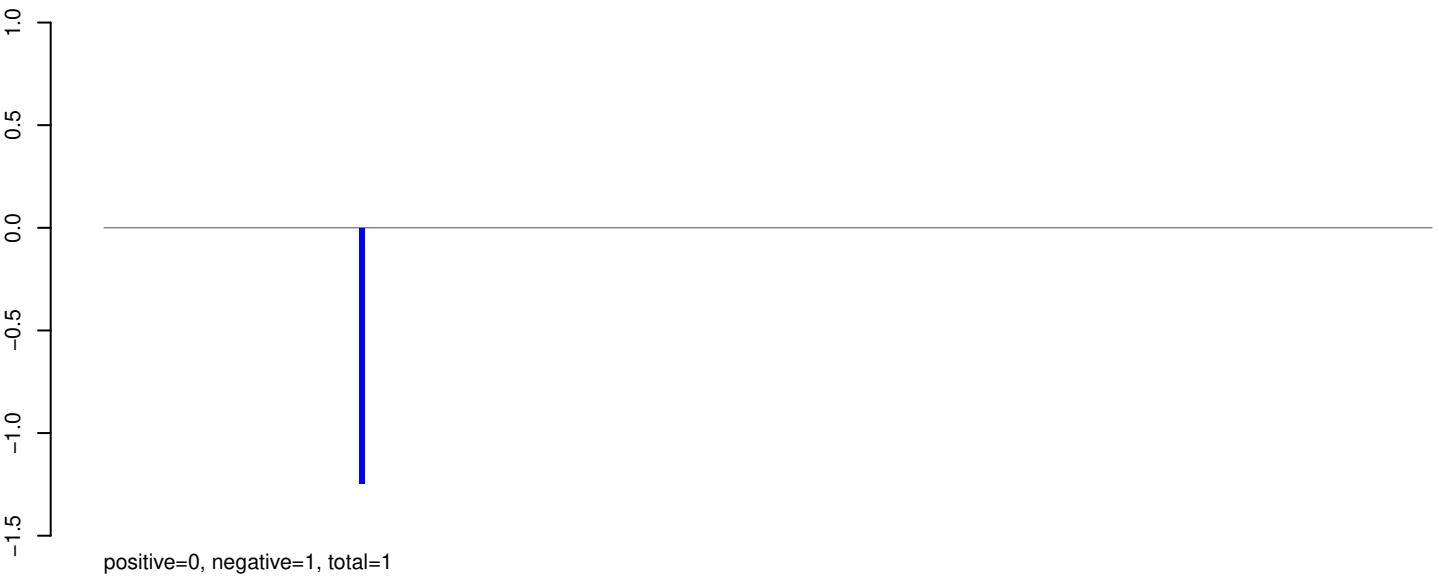
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



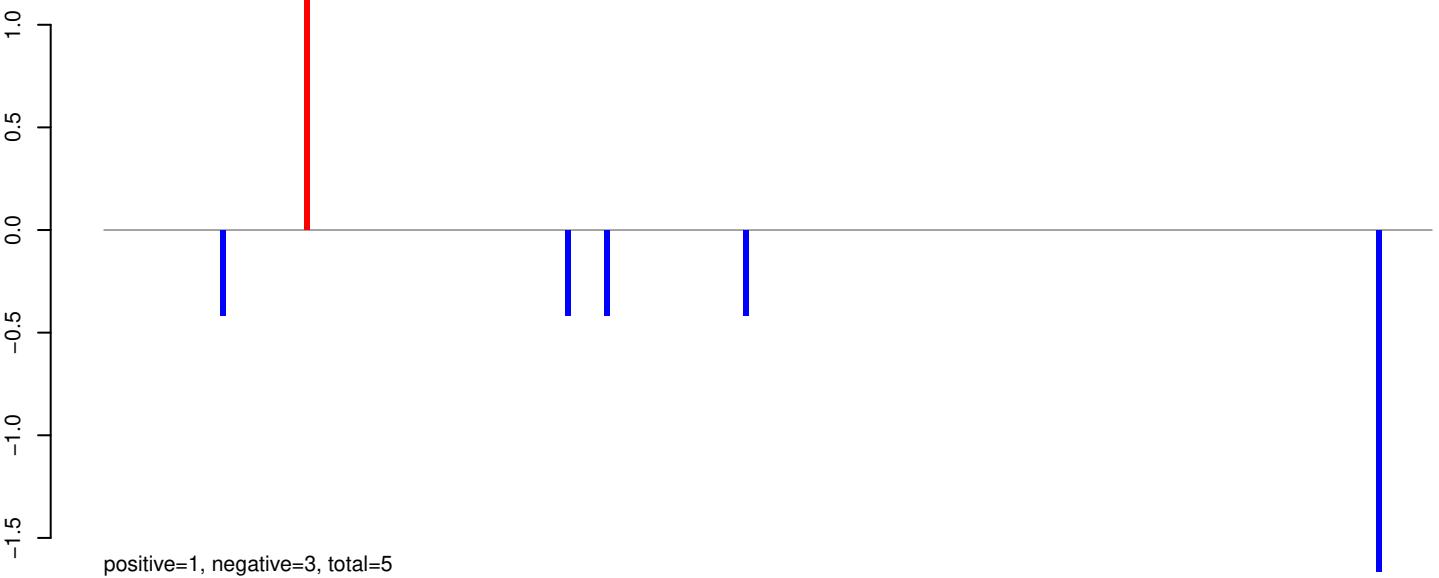
### AeAeg\_Whole\_sm\_r123\_JM.rep



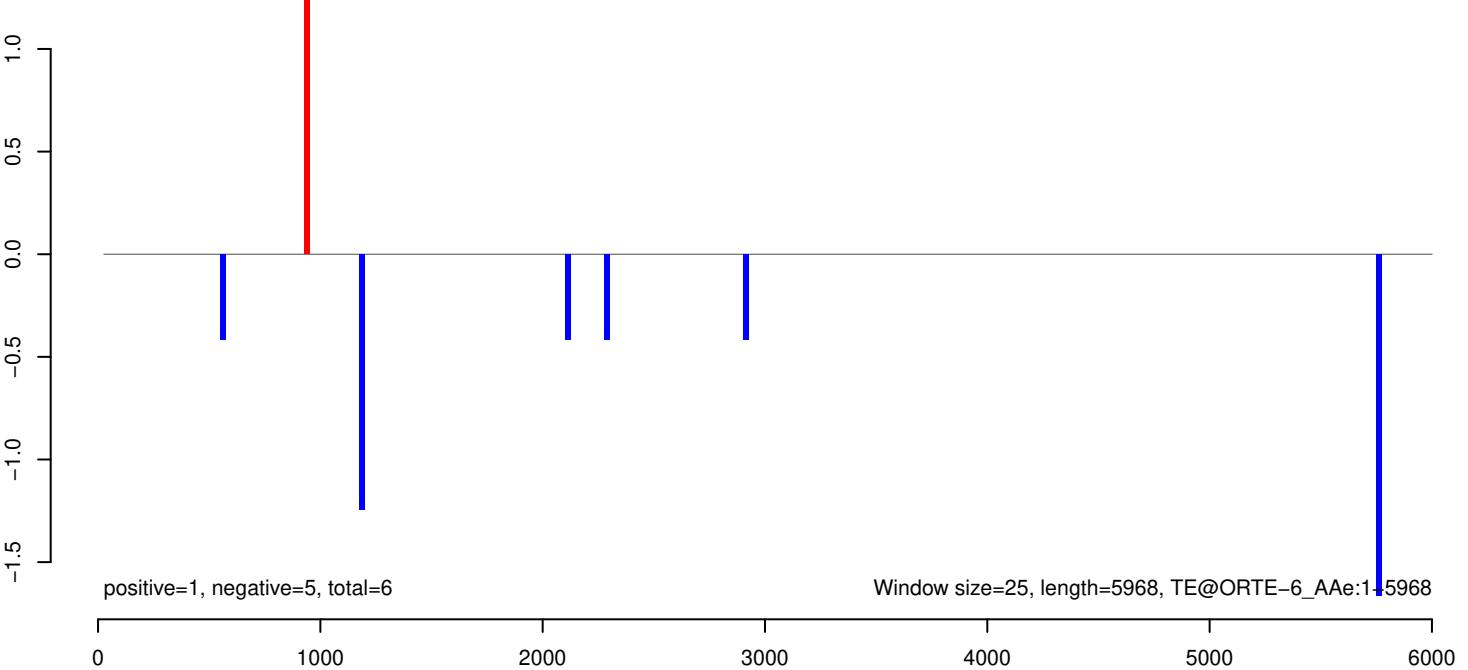
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



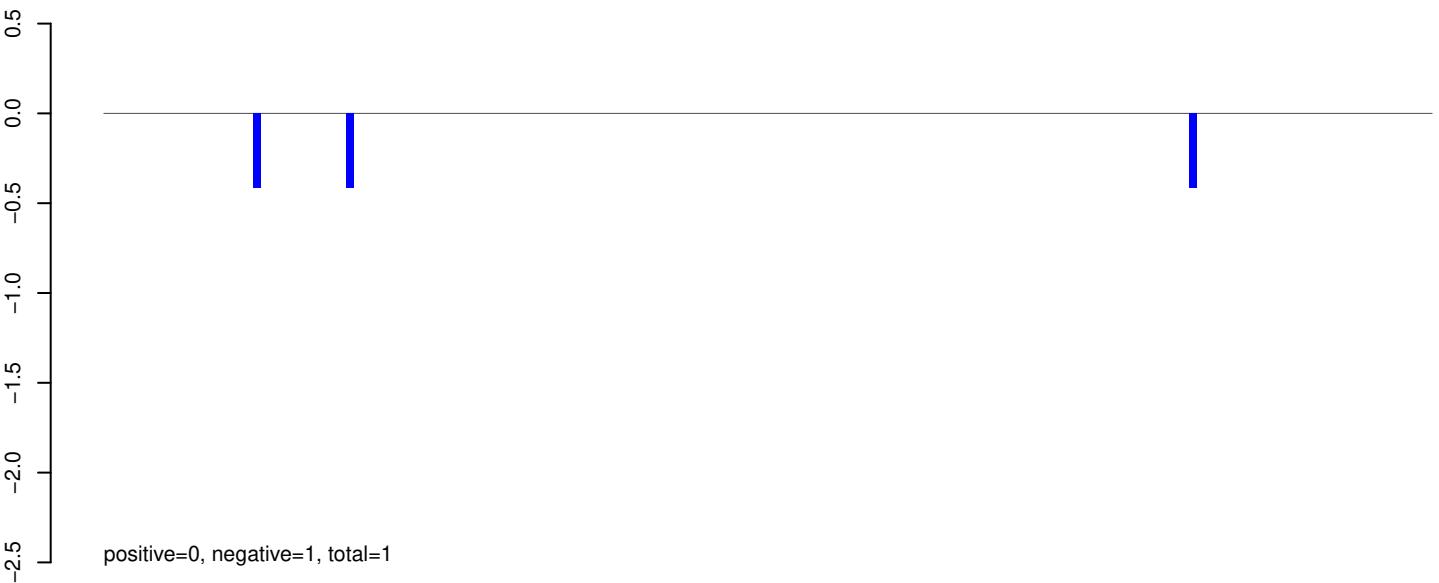
**AeAeg\_Whole\_sm\_r123\_JM.rep**



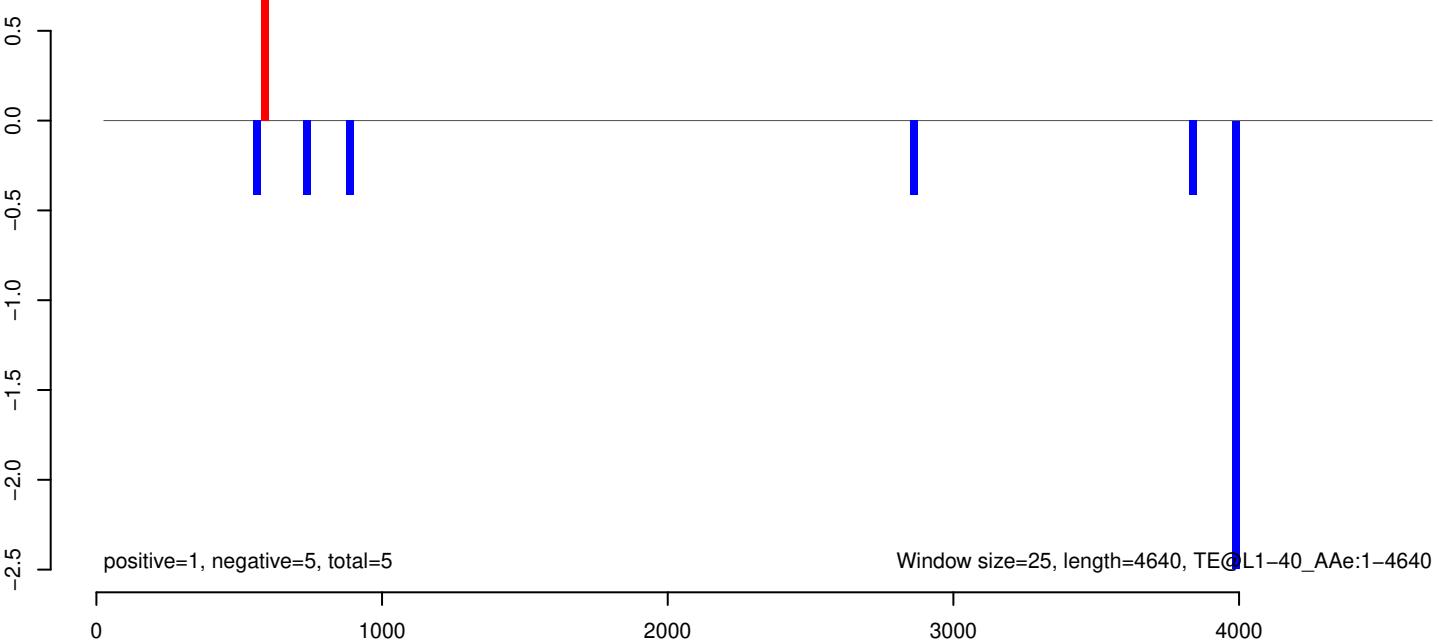
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



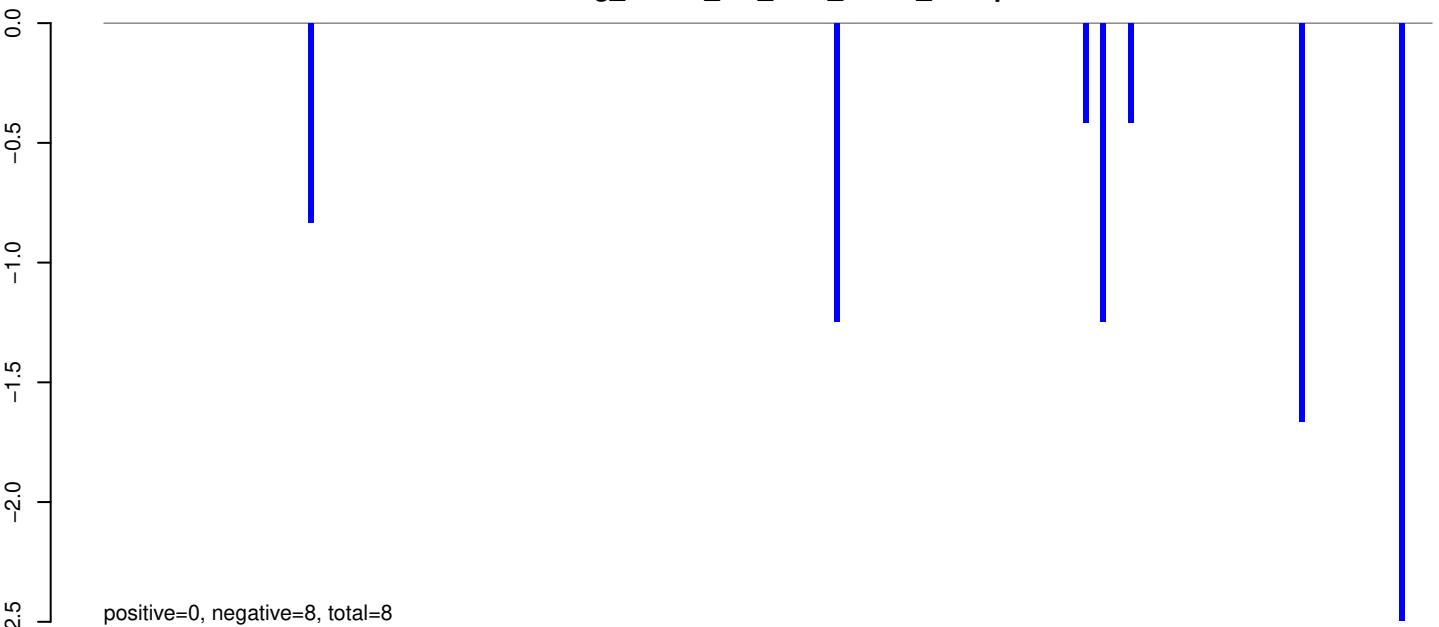
### AeAeg\_Whole\_sm\_r123\_JM.rep



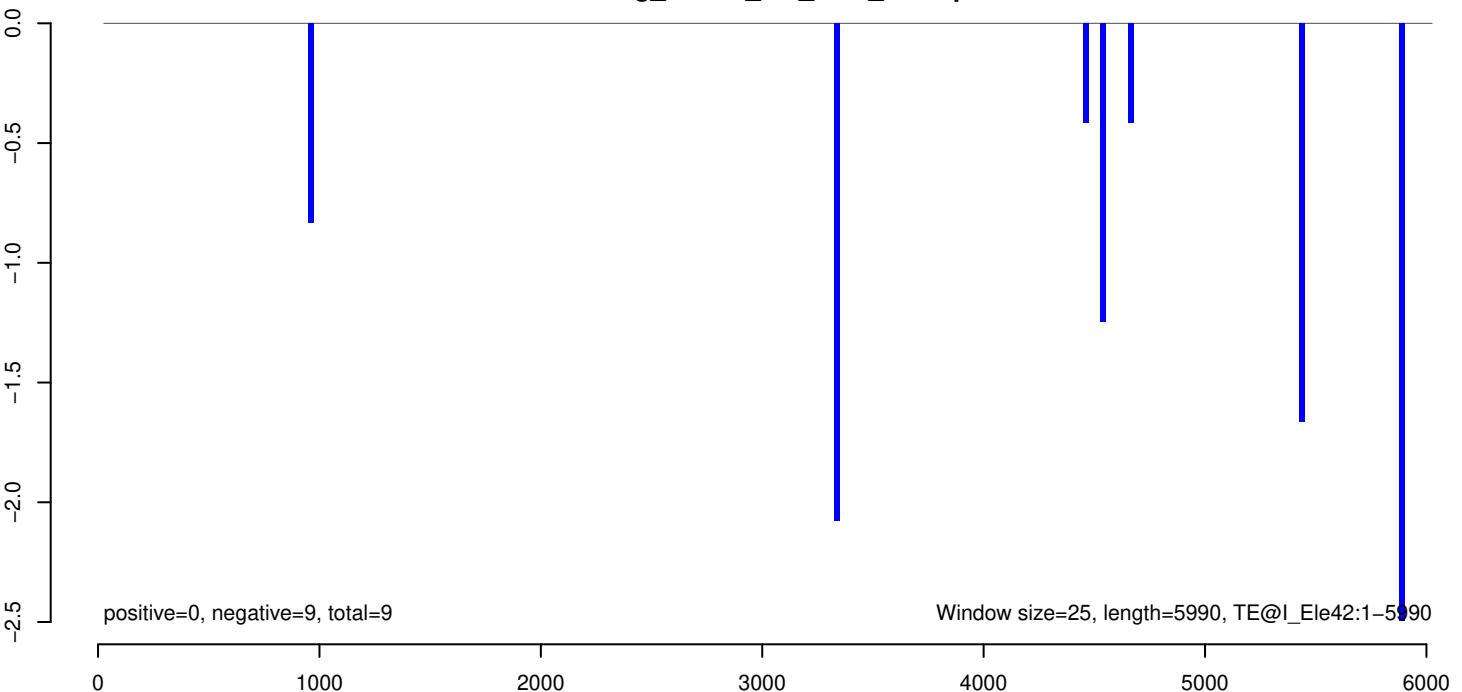
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

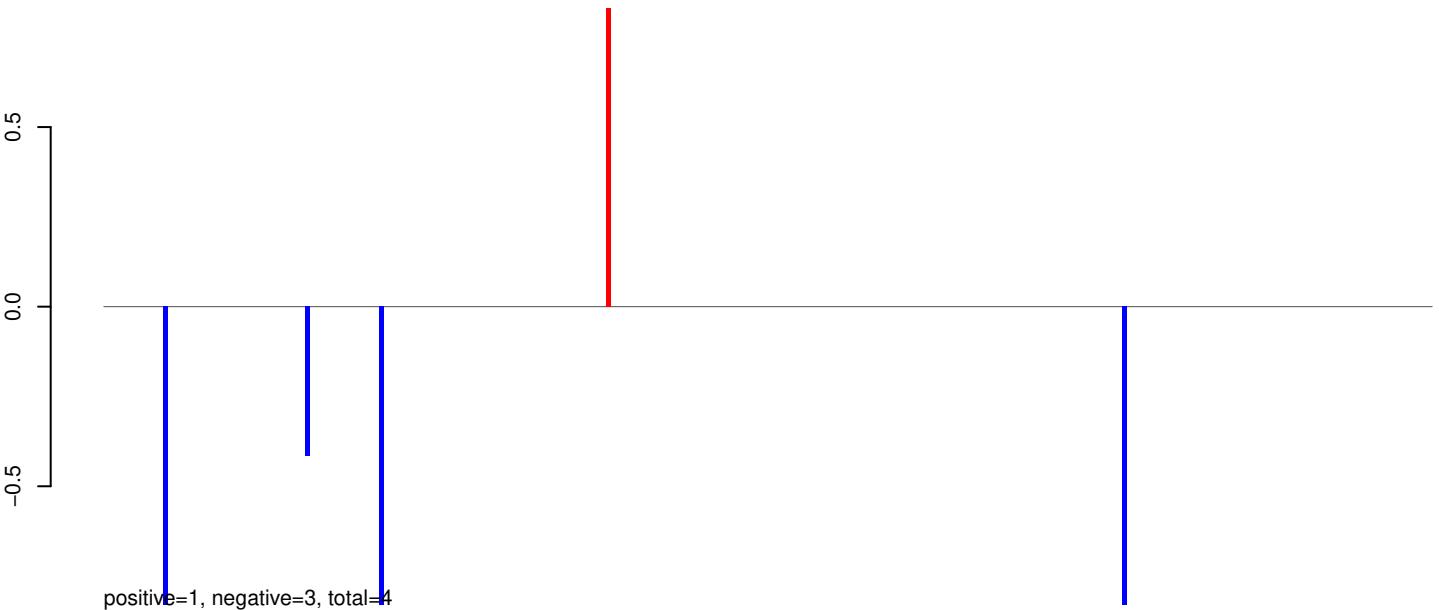


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



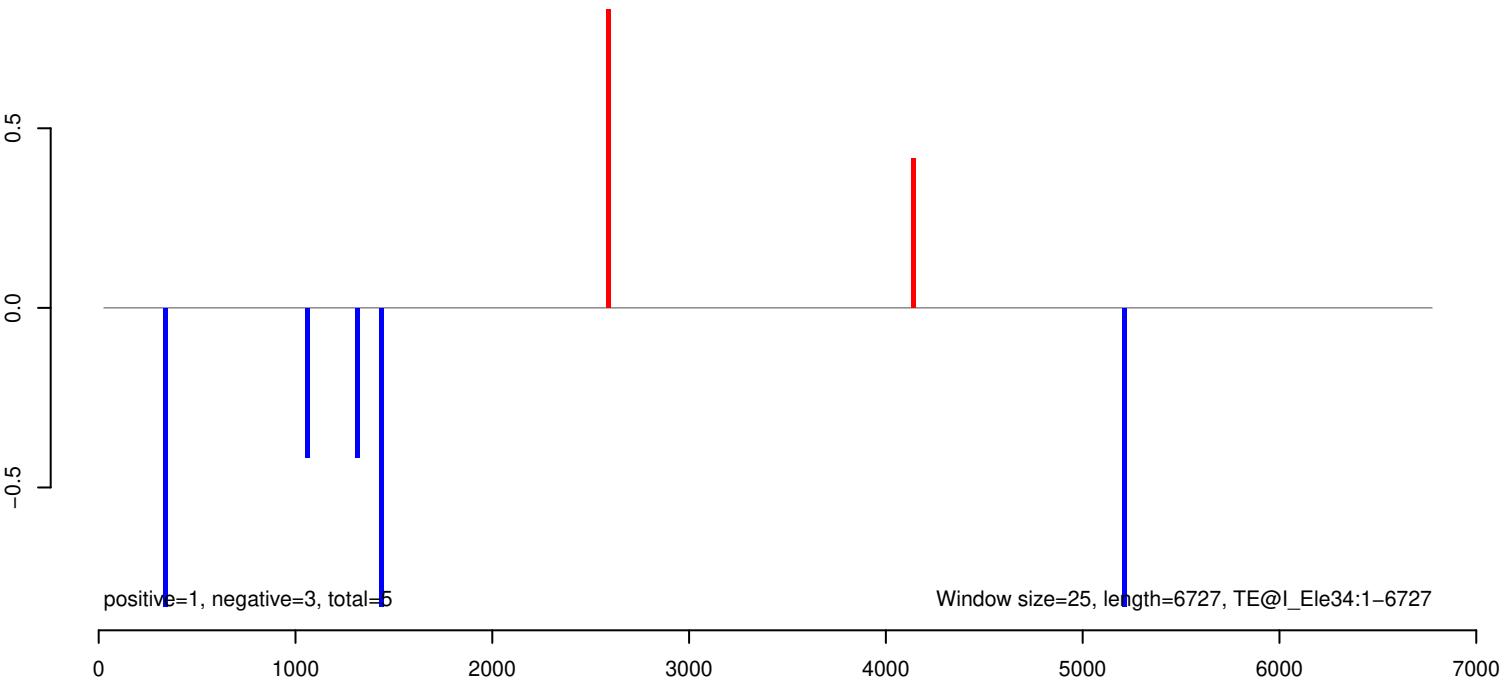
positive=0, negative=0, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=1, negative=3, total=4

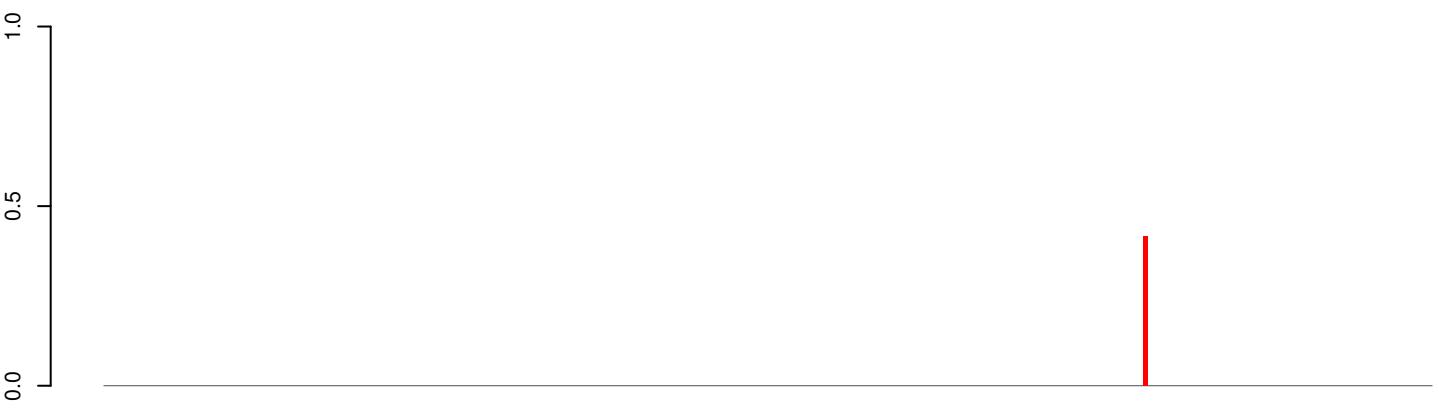
### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=1, negative=3, total=5

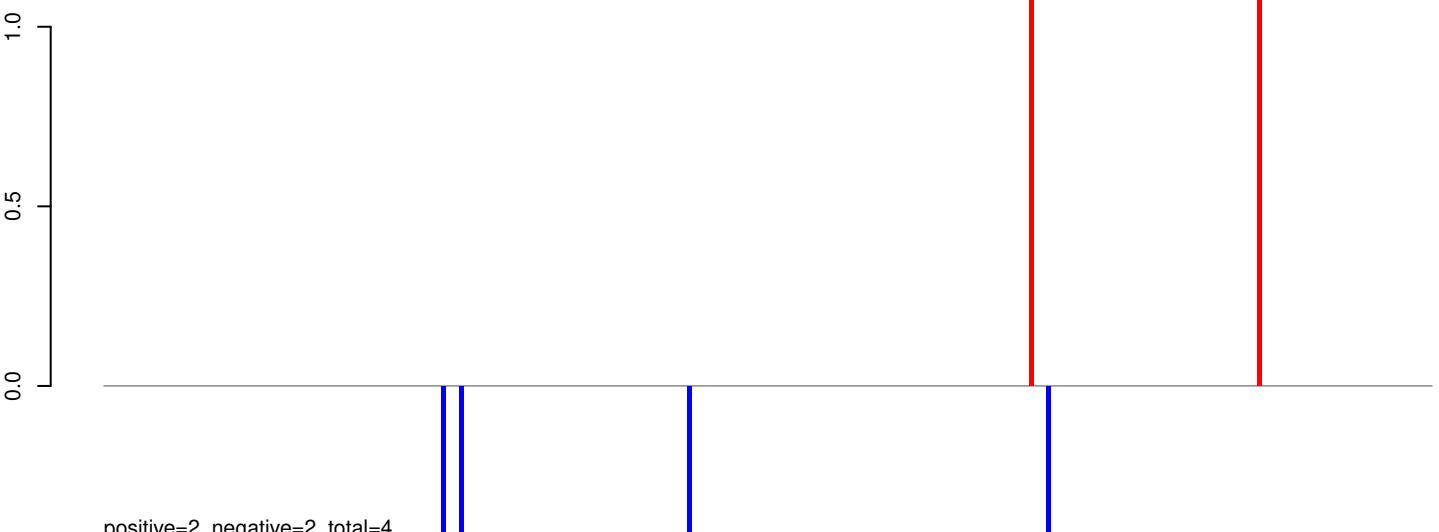
Window size=25, length=6727, TE@I\_Ele34:1-6727

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



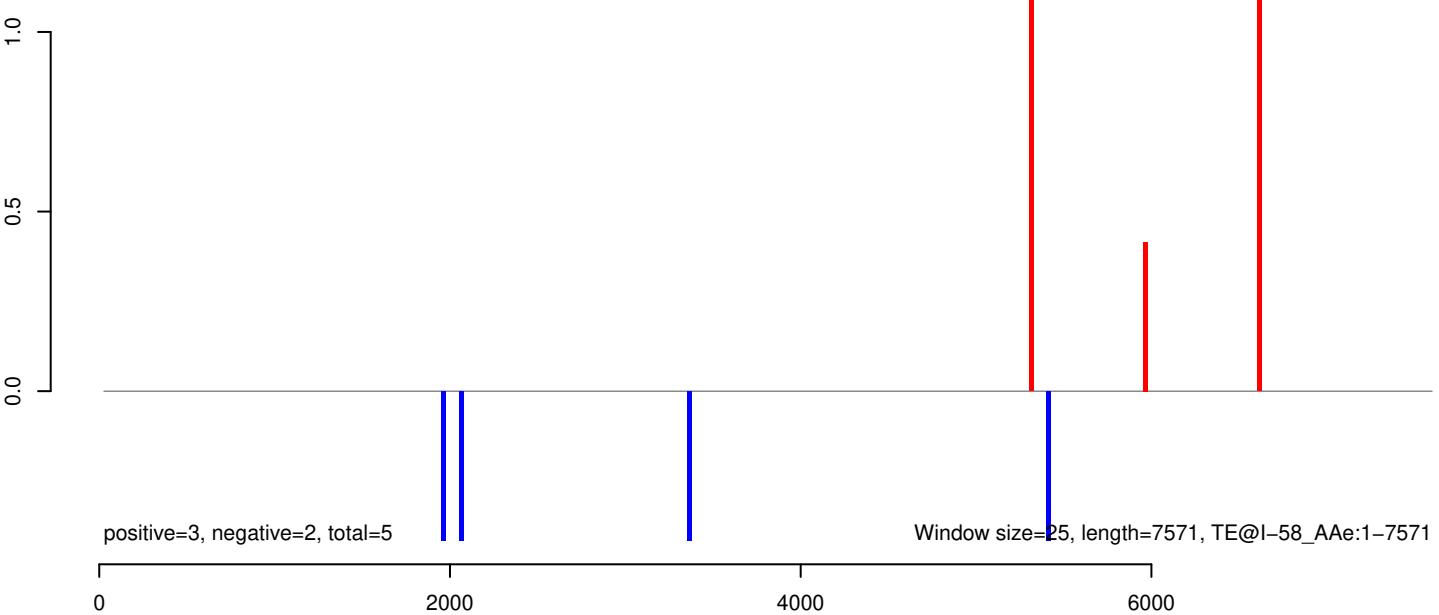
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=2, total=4

**AeAeg\_Whole\_sm\_r123\_JM.rep**

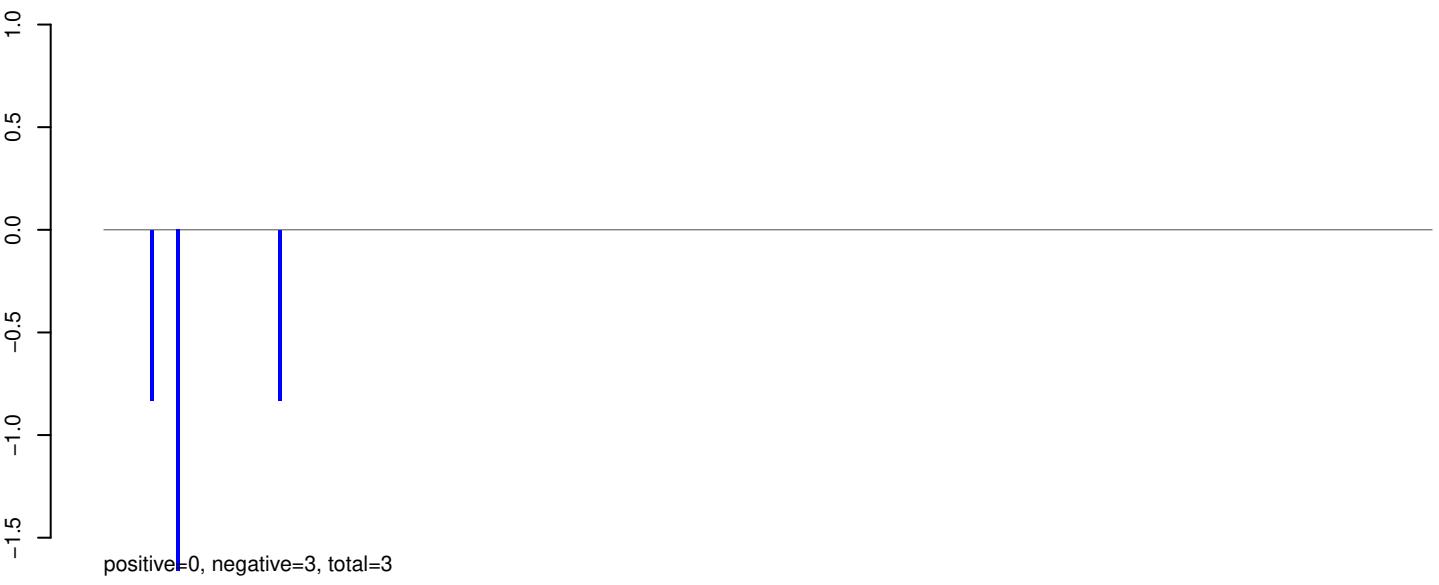


positive=3, negative=2, total=5

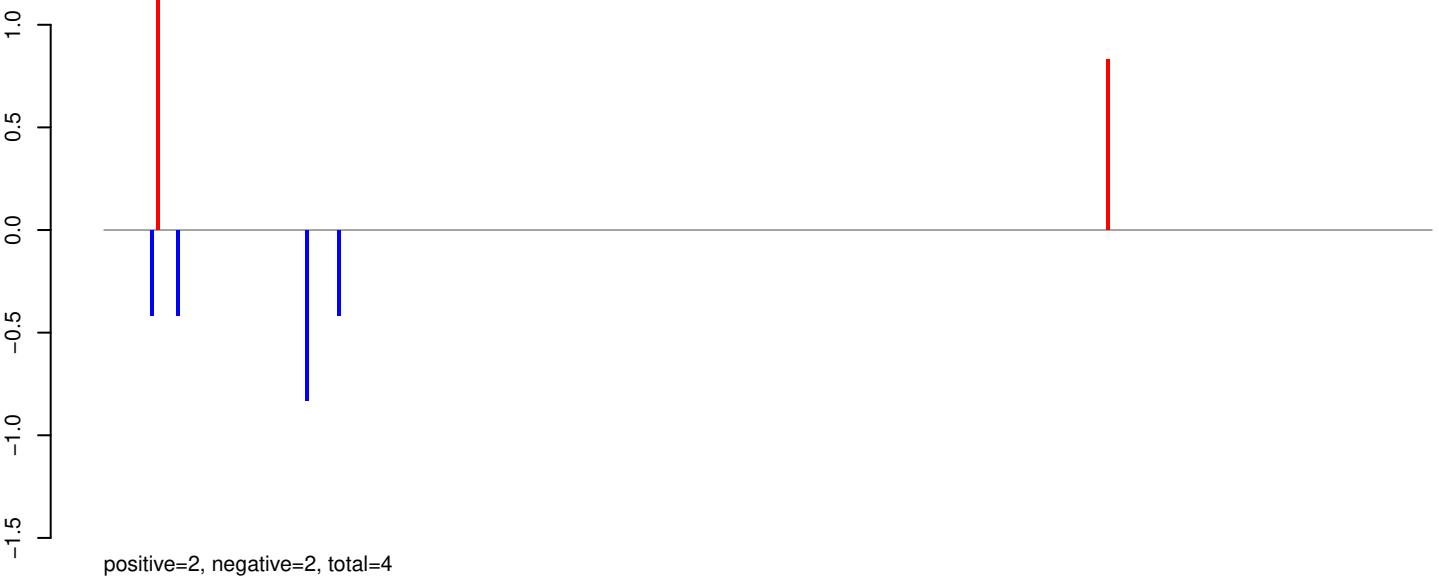
Window size=25, length=7571, TE@I-58\_AAe:1-7571

0 2000 4000 6000

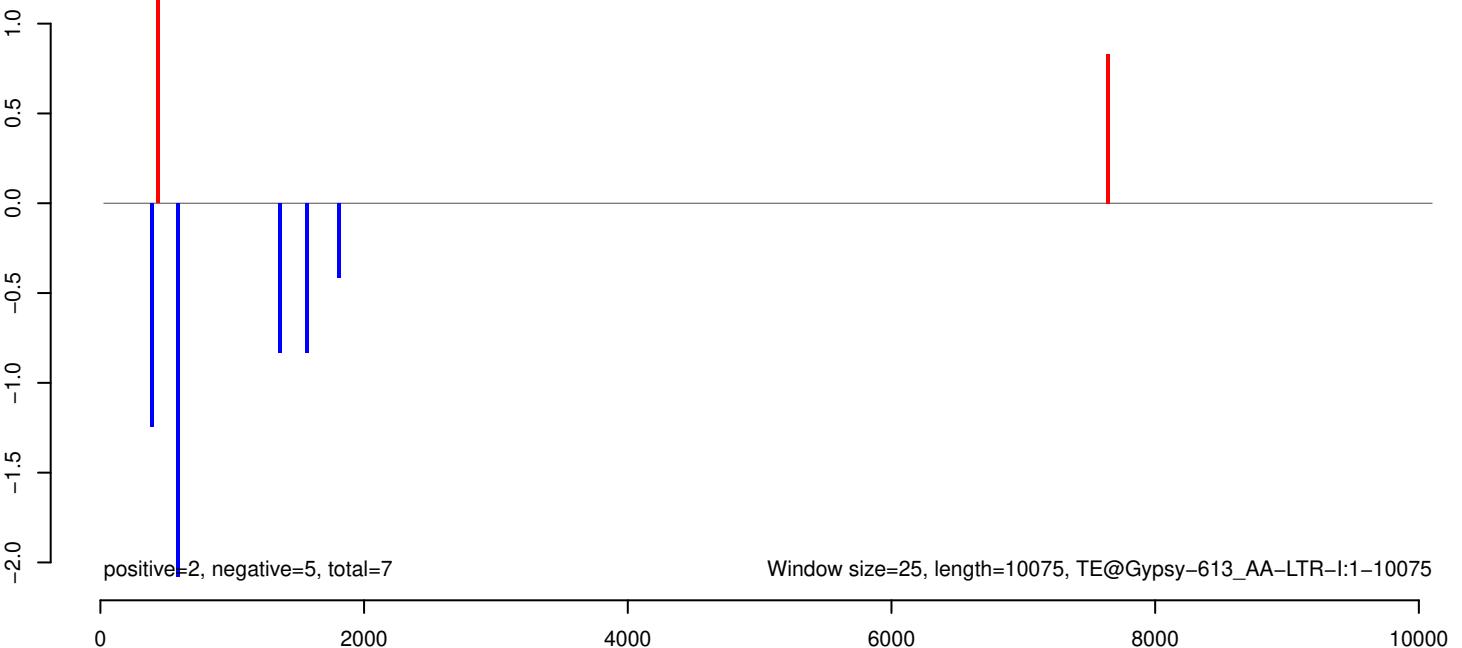
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



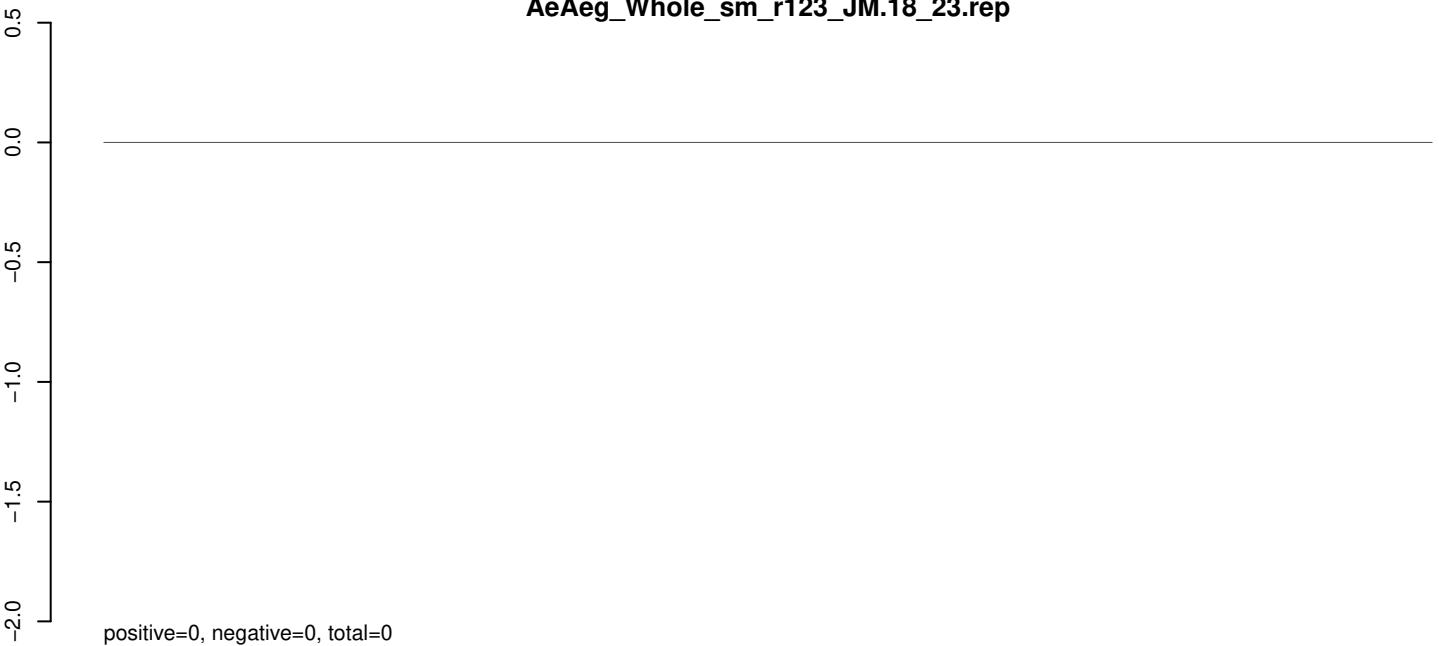
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



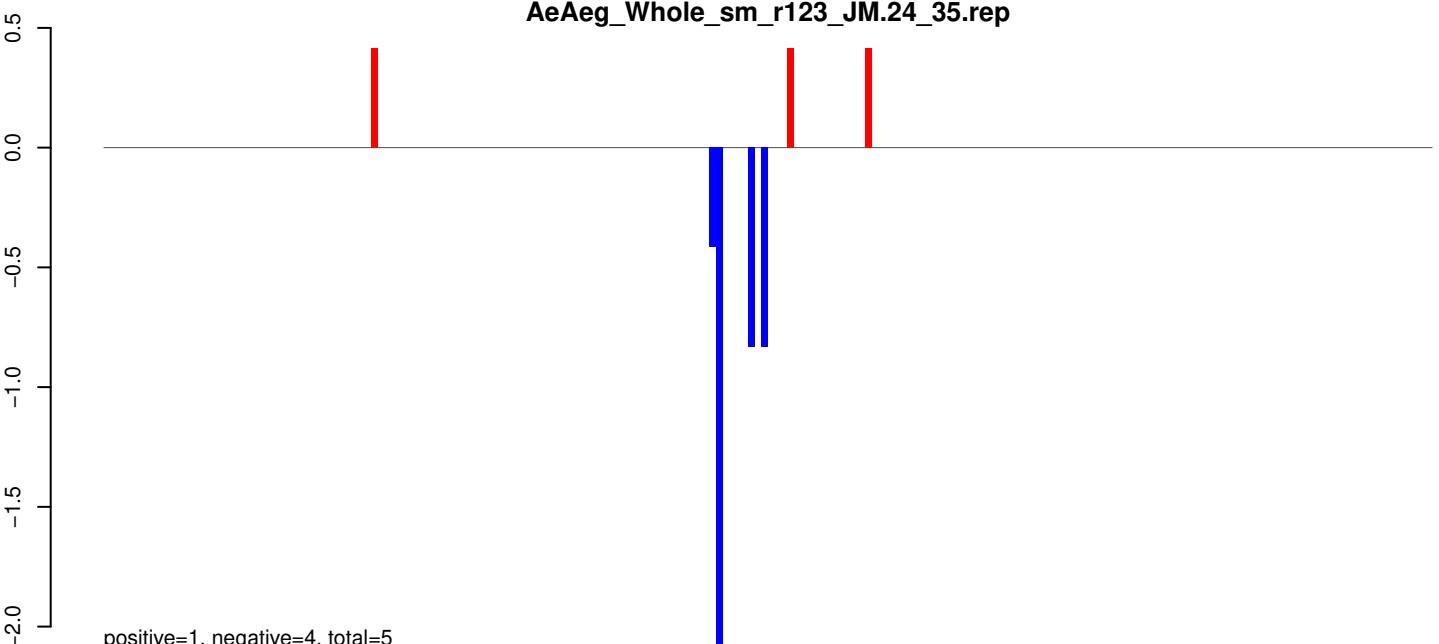
### AeAeg\_Whole\_sm\_r123\_JM.rep



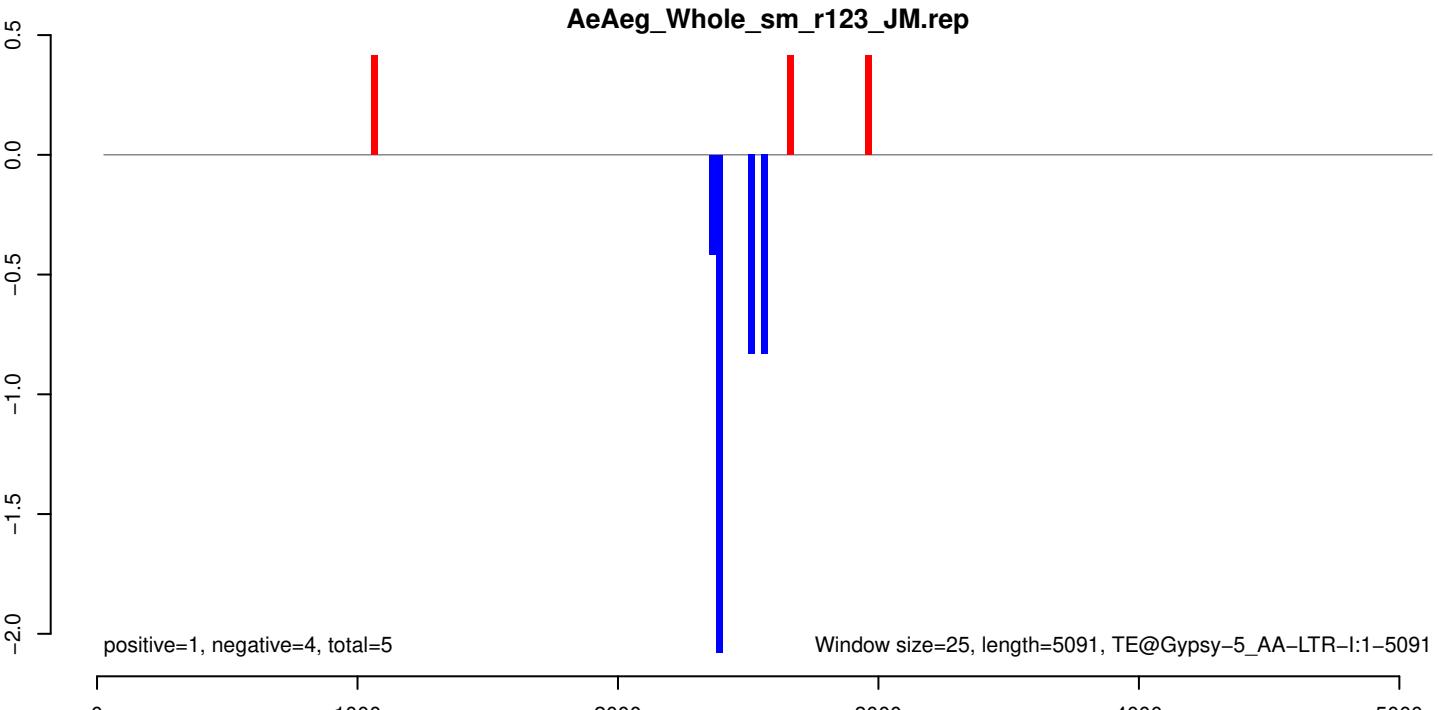
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



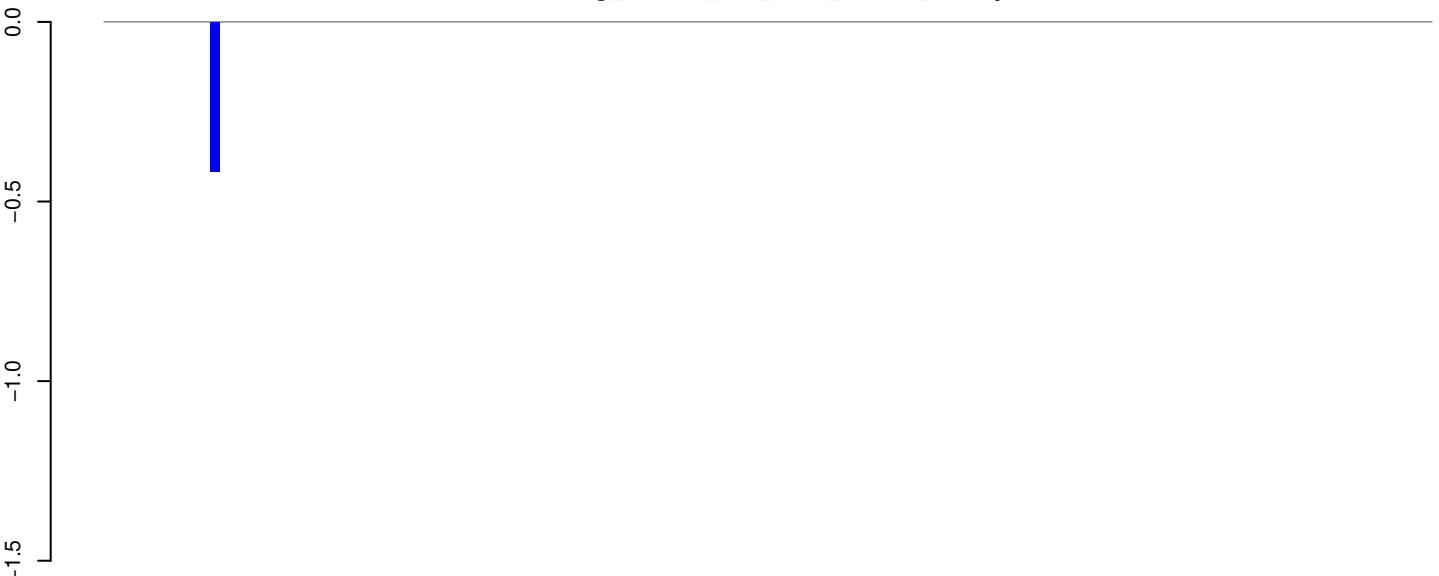
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



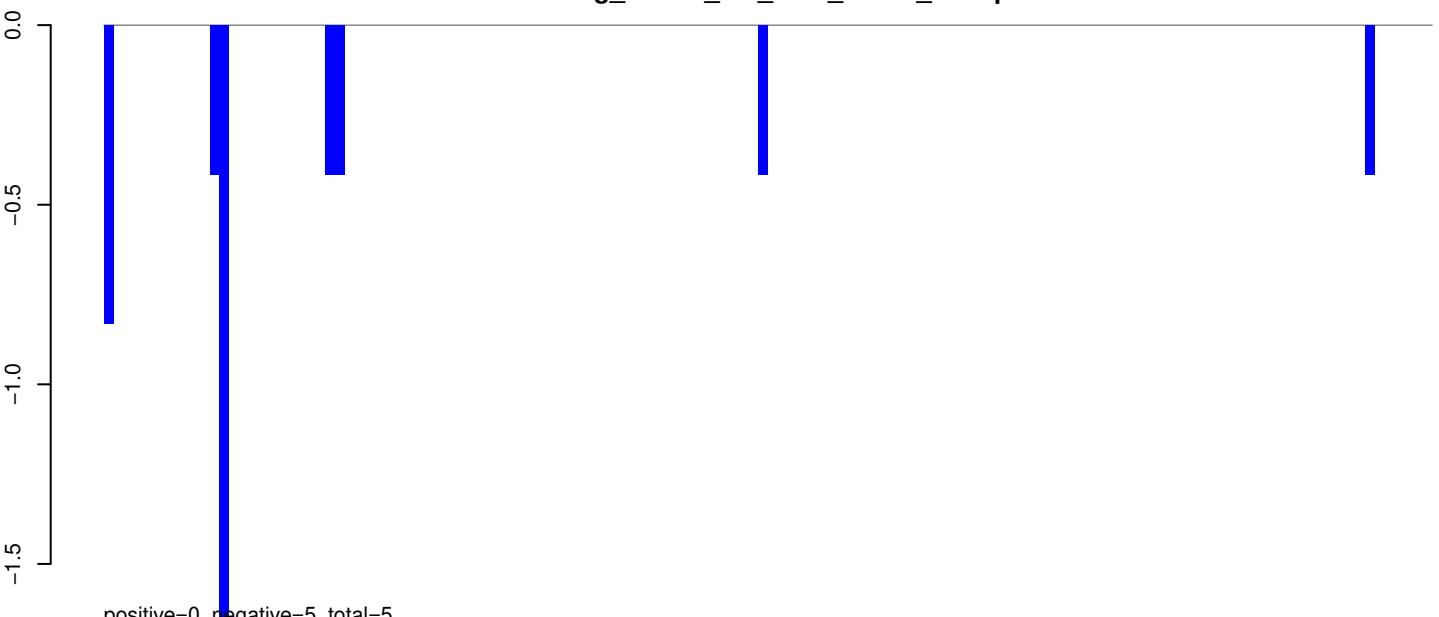
### AeAeg\_Whole\_sm\_r123\_JM.rep



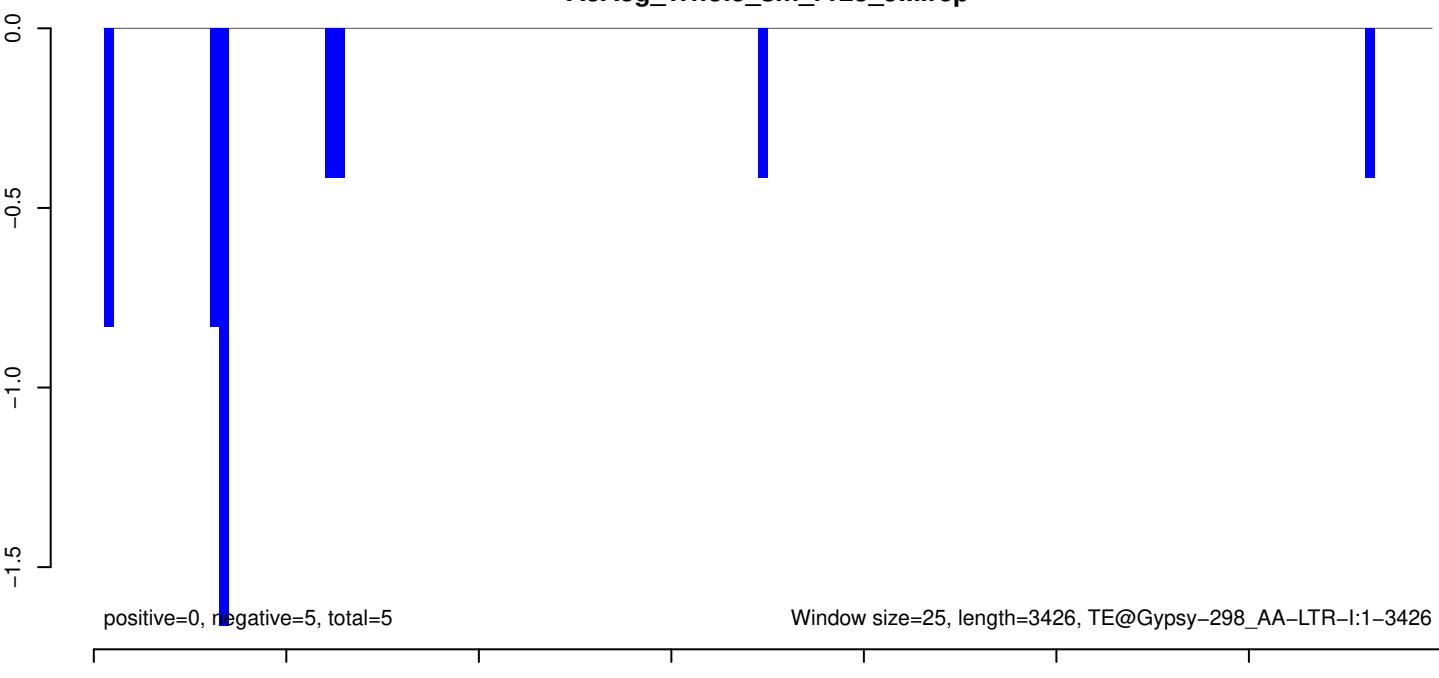
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



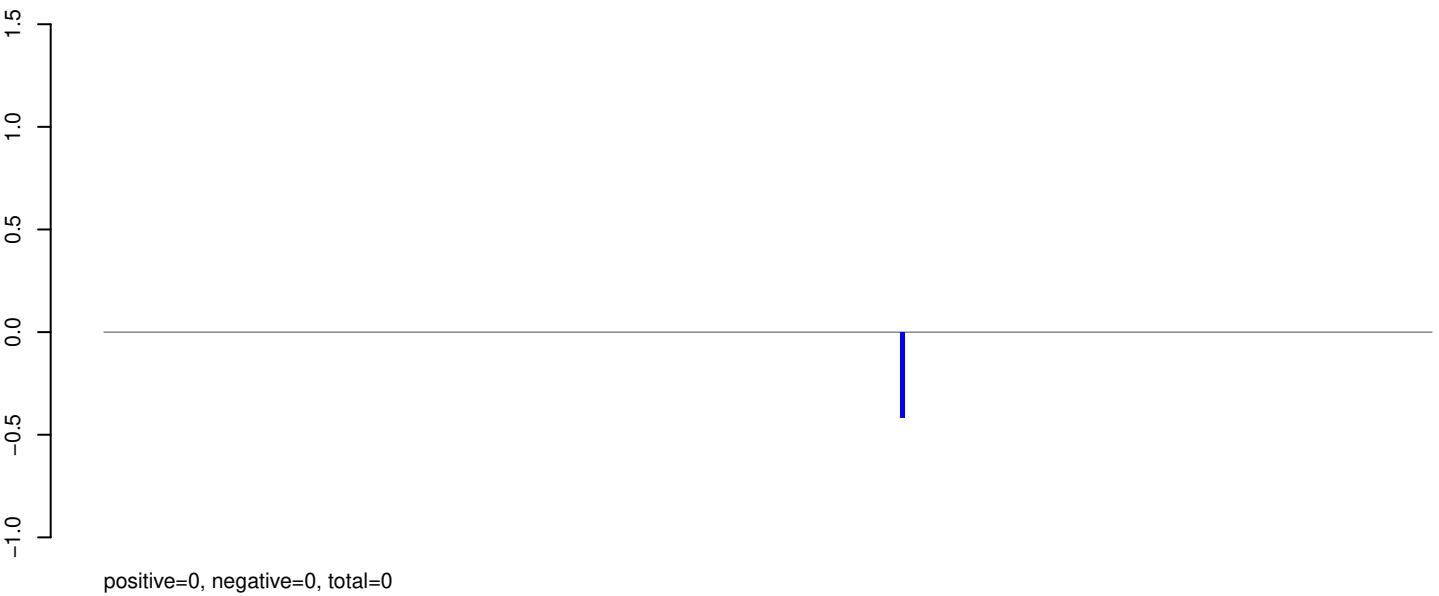
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



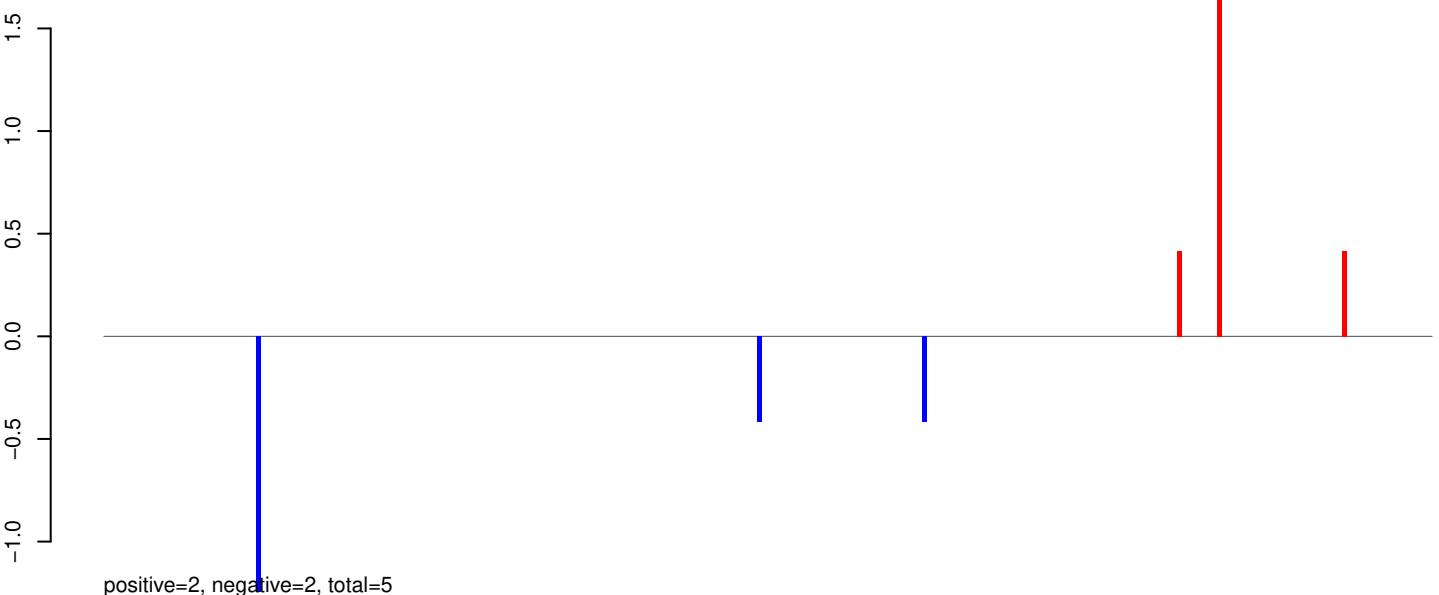
### AeAeg\_Whole\_sm\_r123\_JM.rep



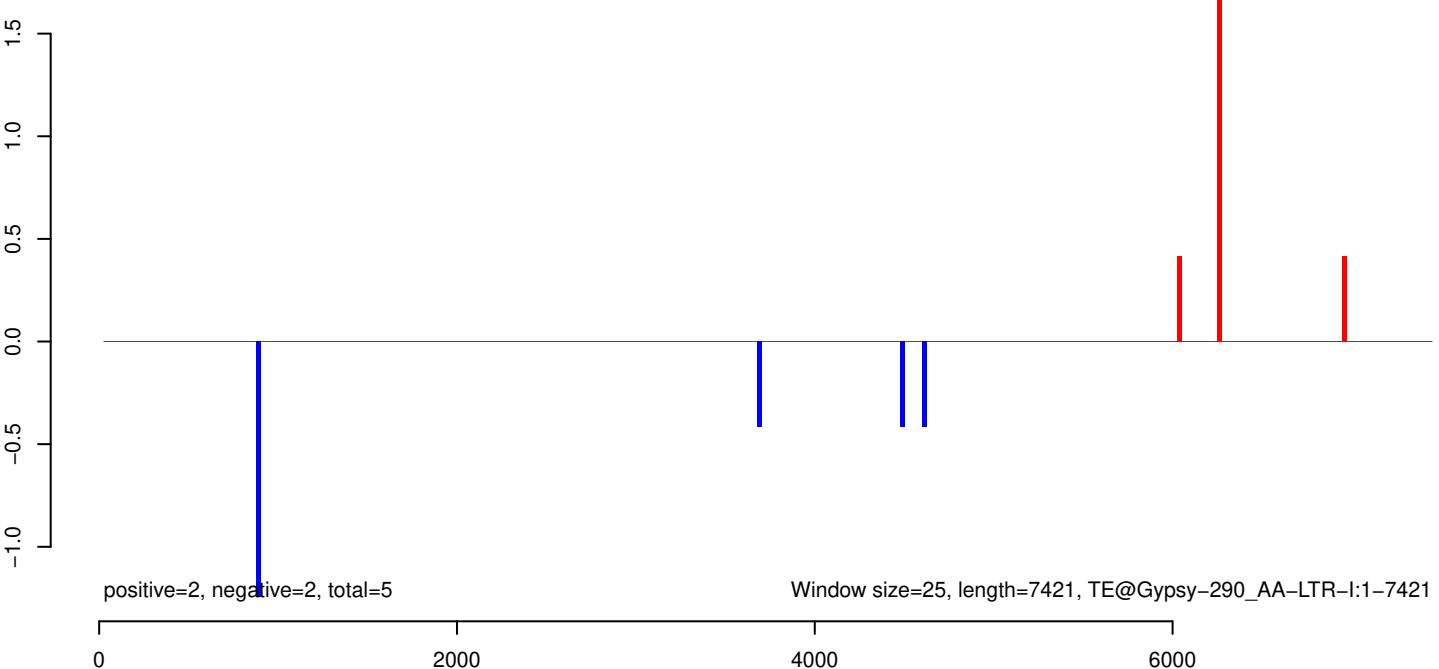
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=7, total=7

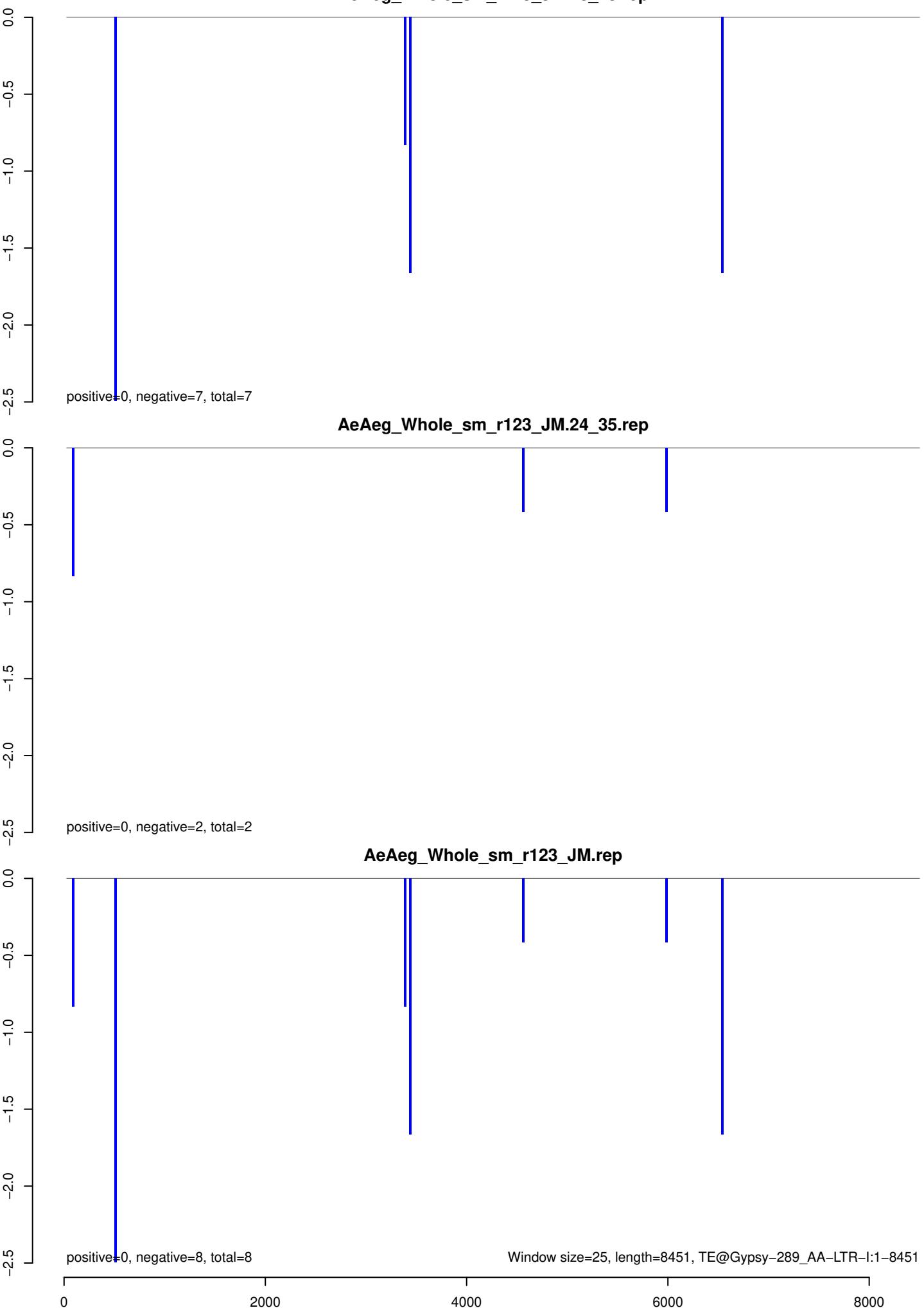
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=2, total=2

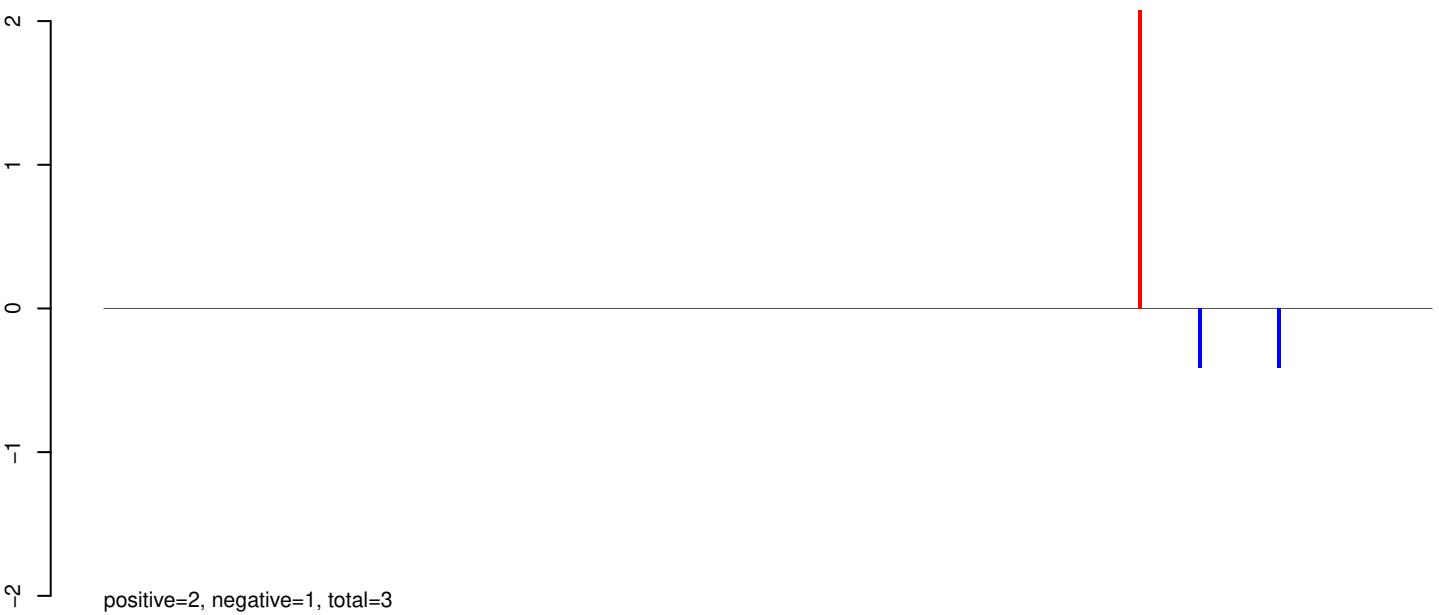
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=8, total=8

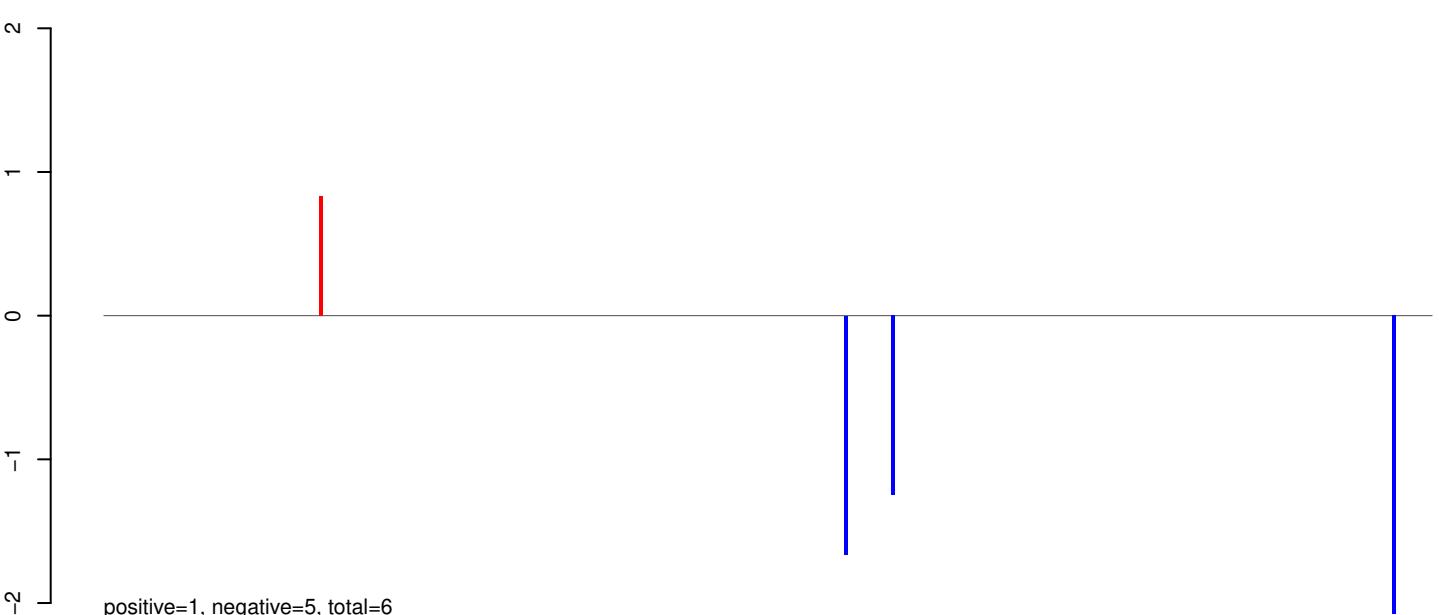
Window size=25, length=8451, TE@Gypsy-289\_AA-LTR-I:1-8451



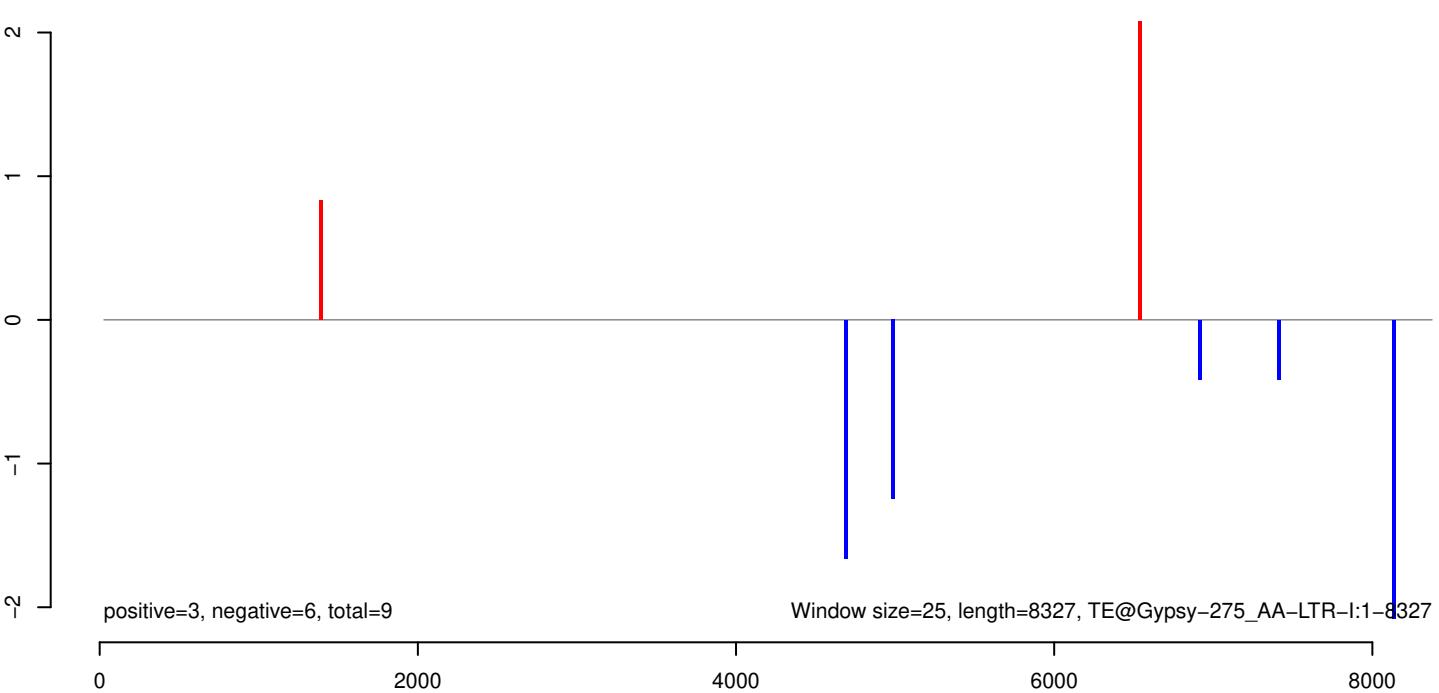
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



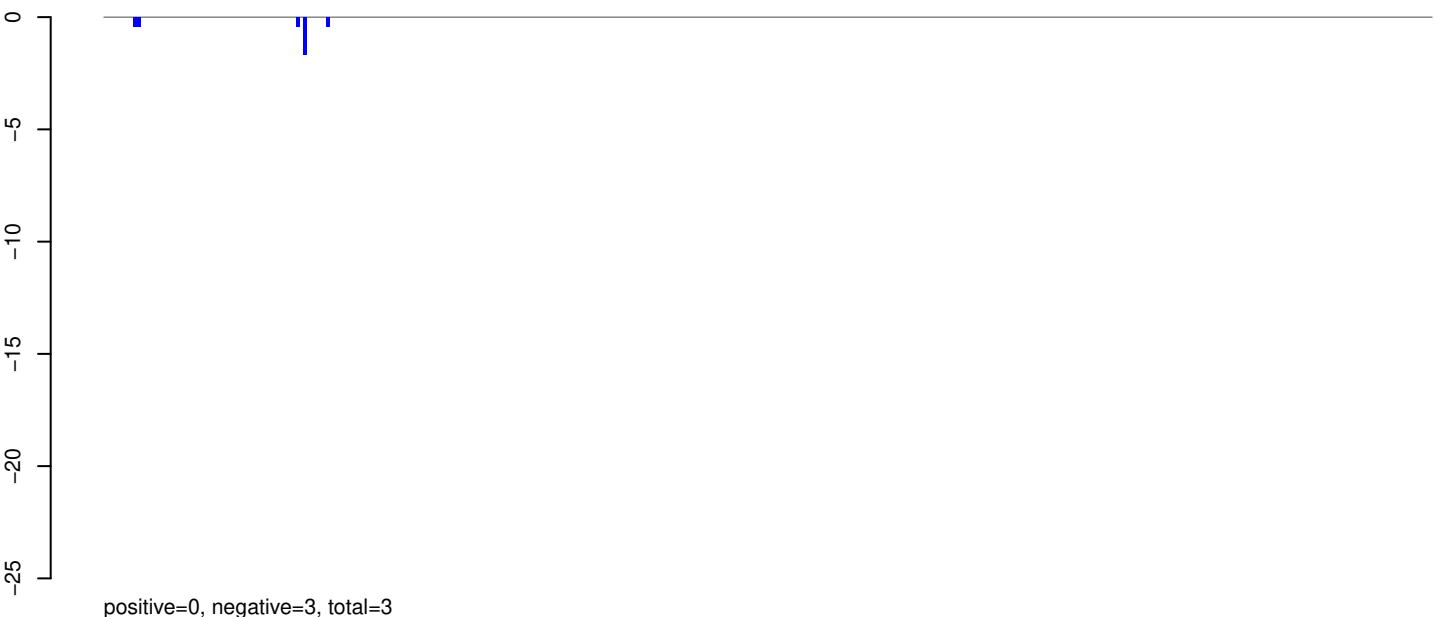
### AeAeg\_Whole\_sm\_r123\_JM.rep



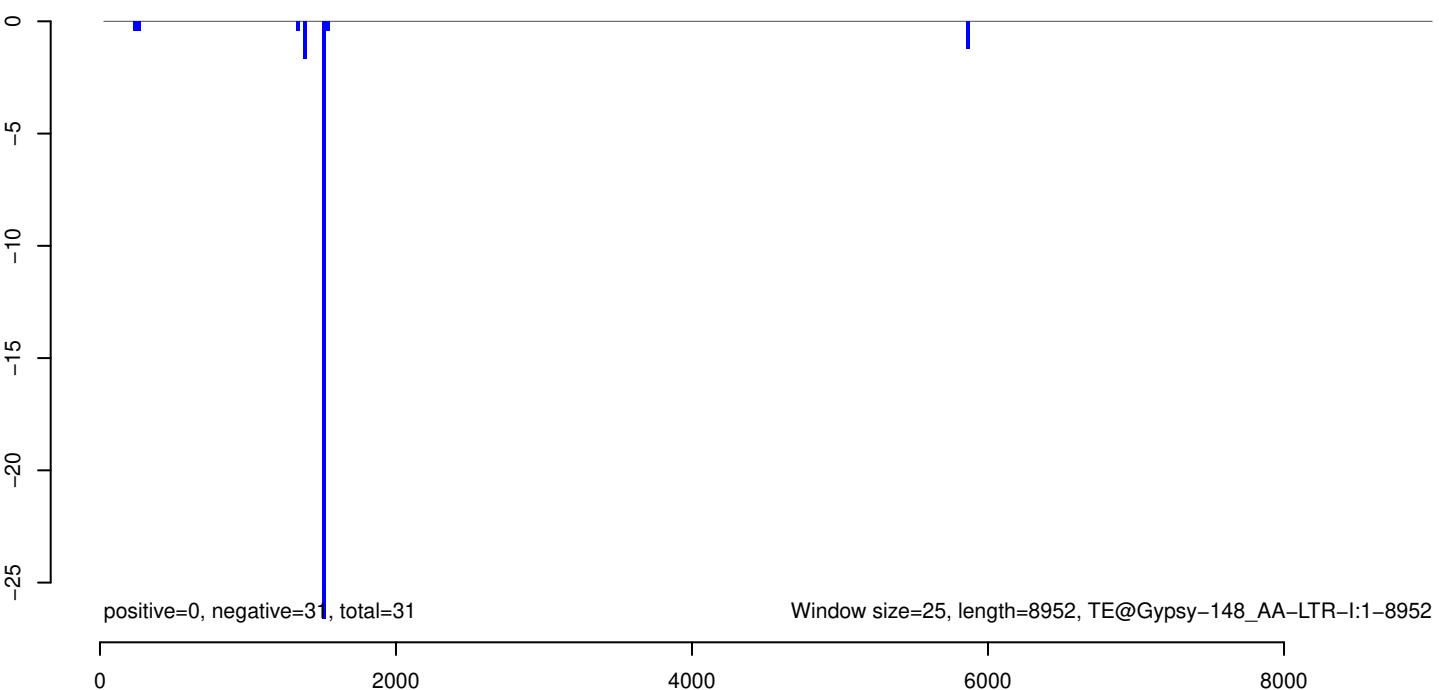
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



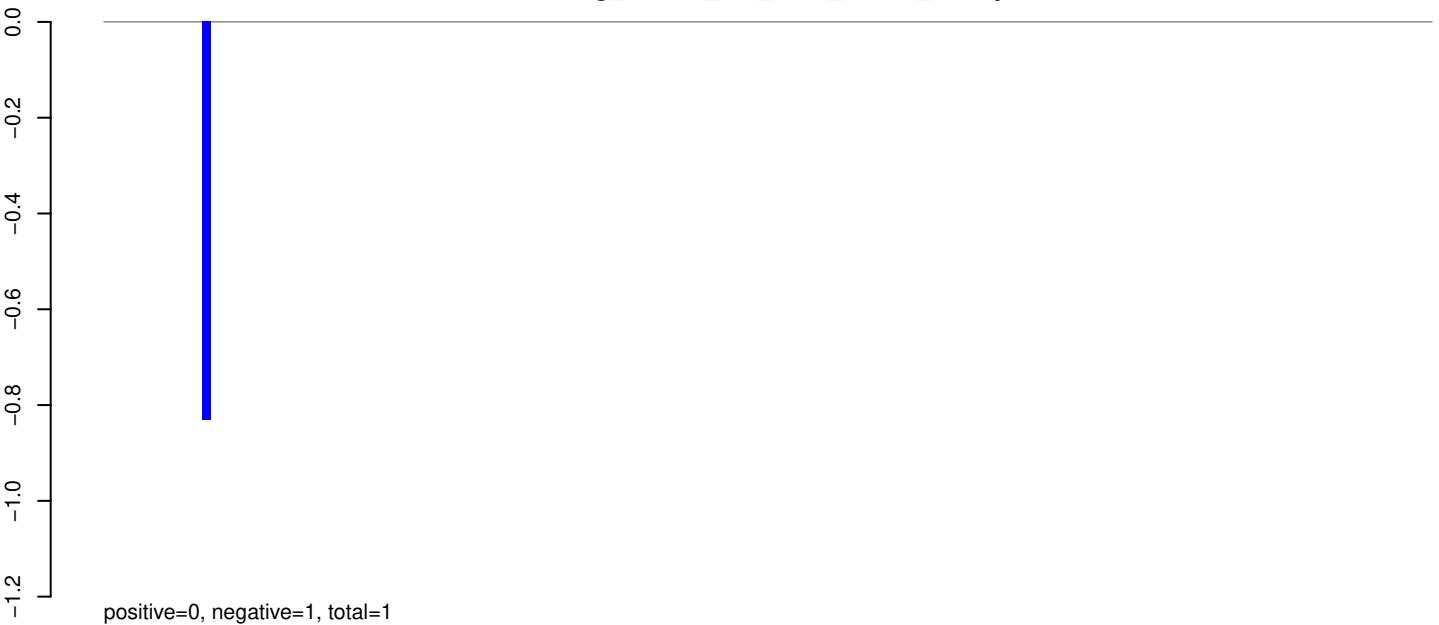
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



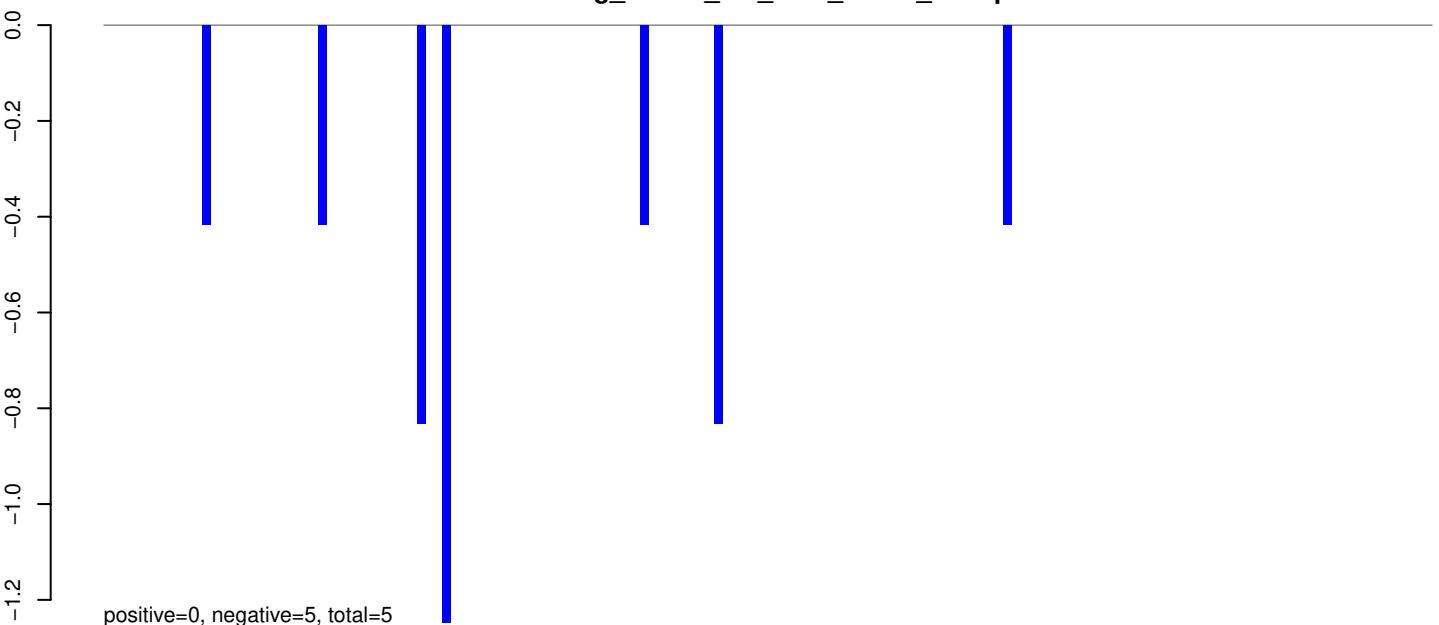
### AeAeg\_Whole\_sm\_r123\_JM.rep



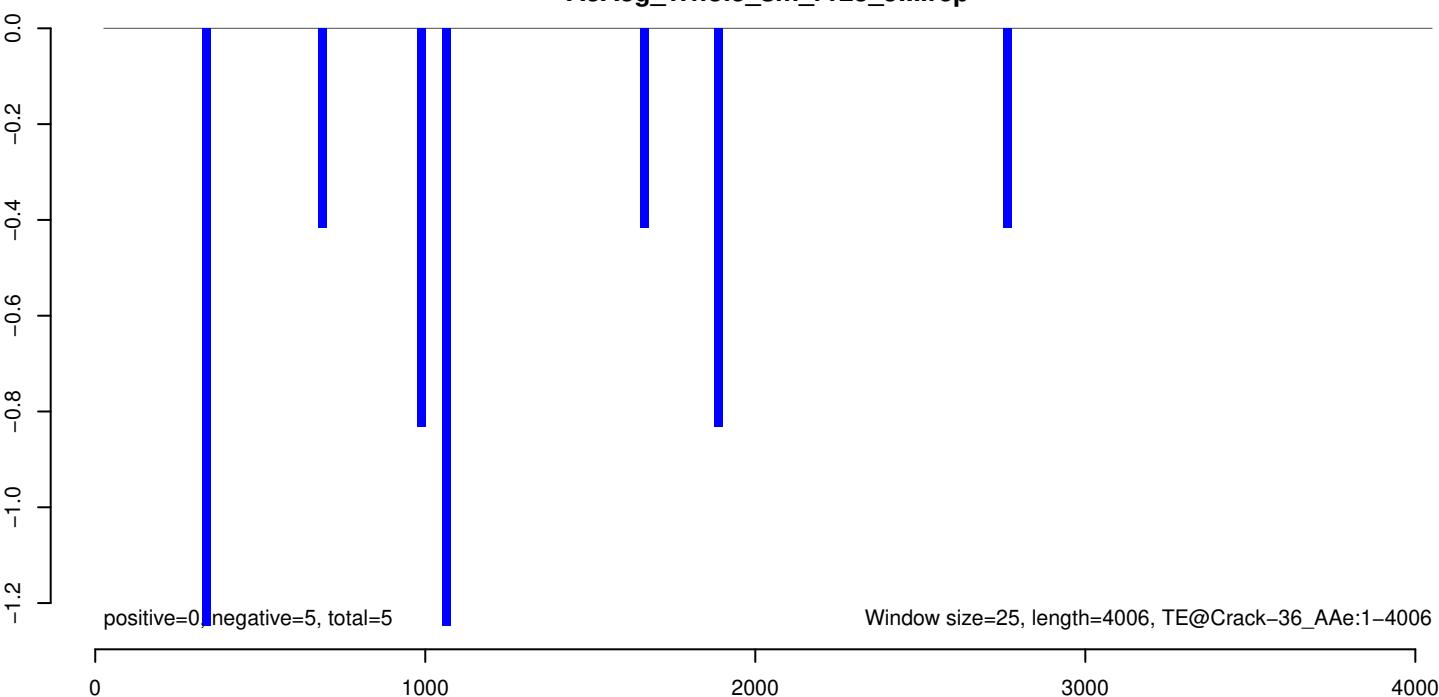
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

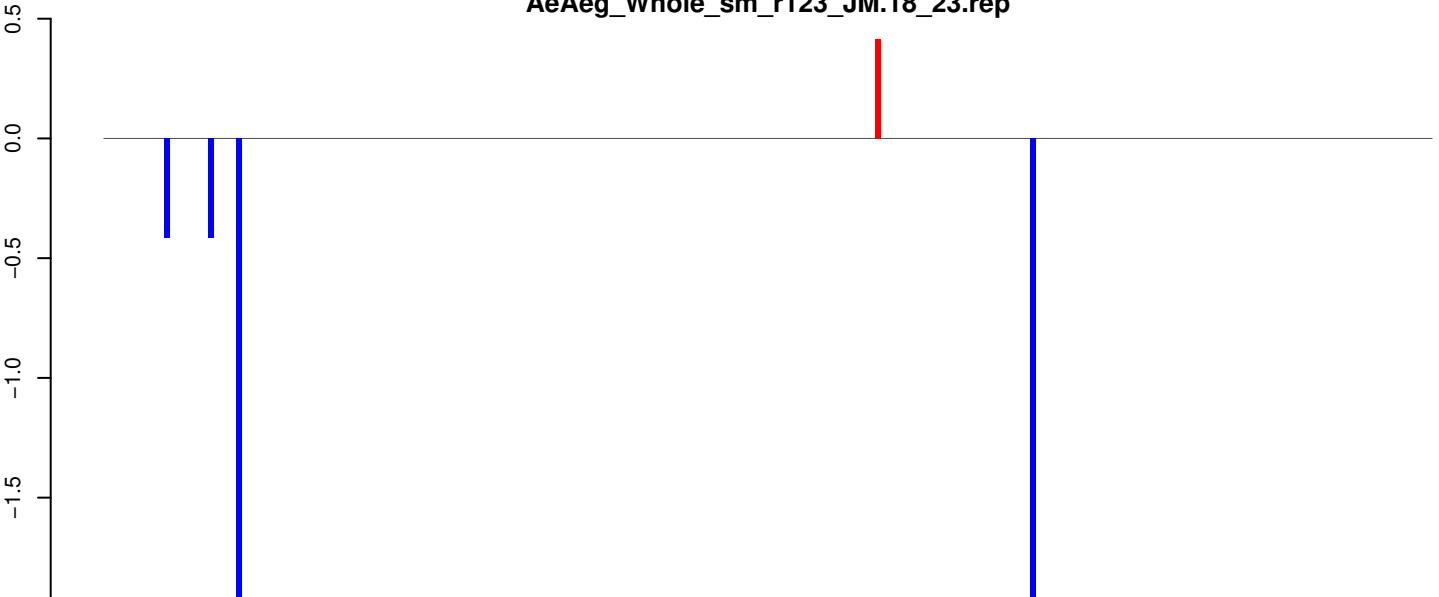


### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=5, total=5



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

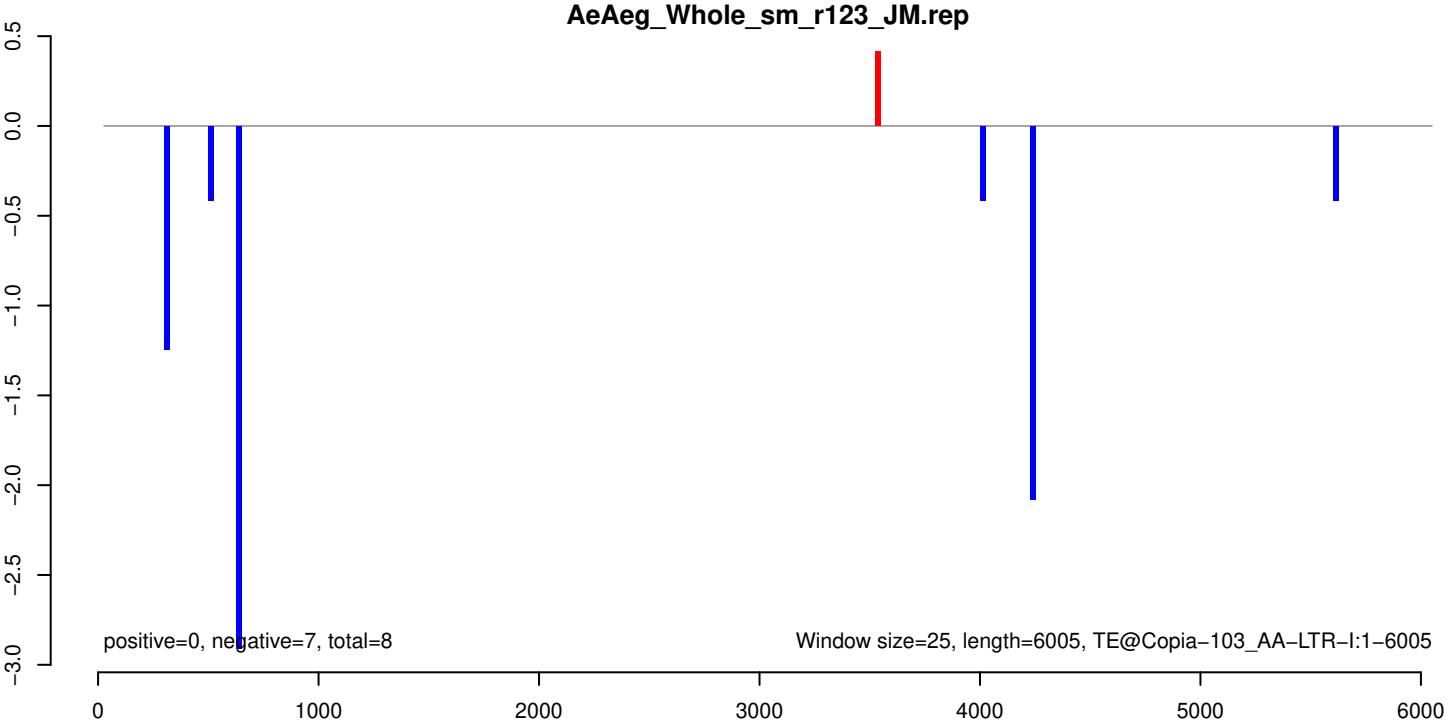
positive=0, negative=2, total=2



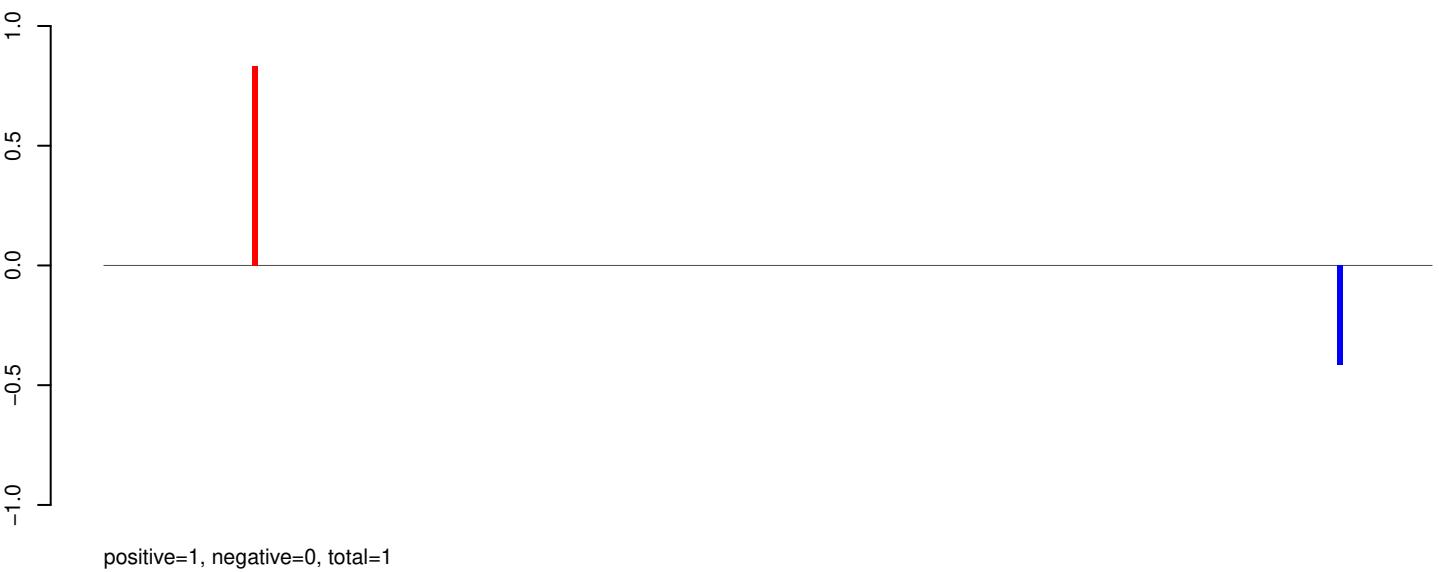
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=7, total=8

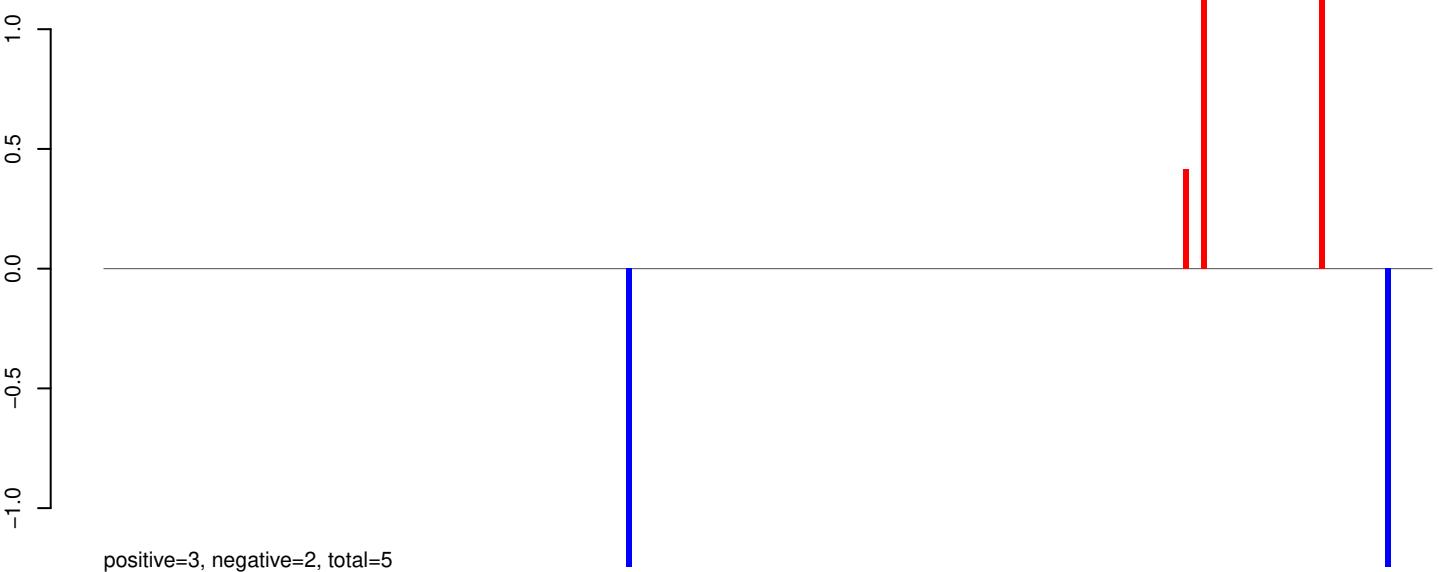
Window size=25, length=6005, TE@Copia-103\_AA-LTR-I:1-6005



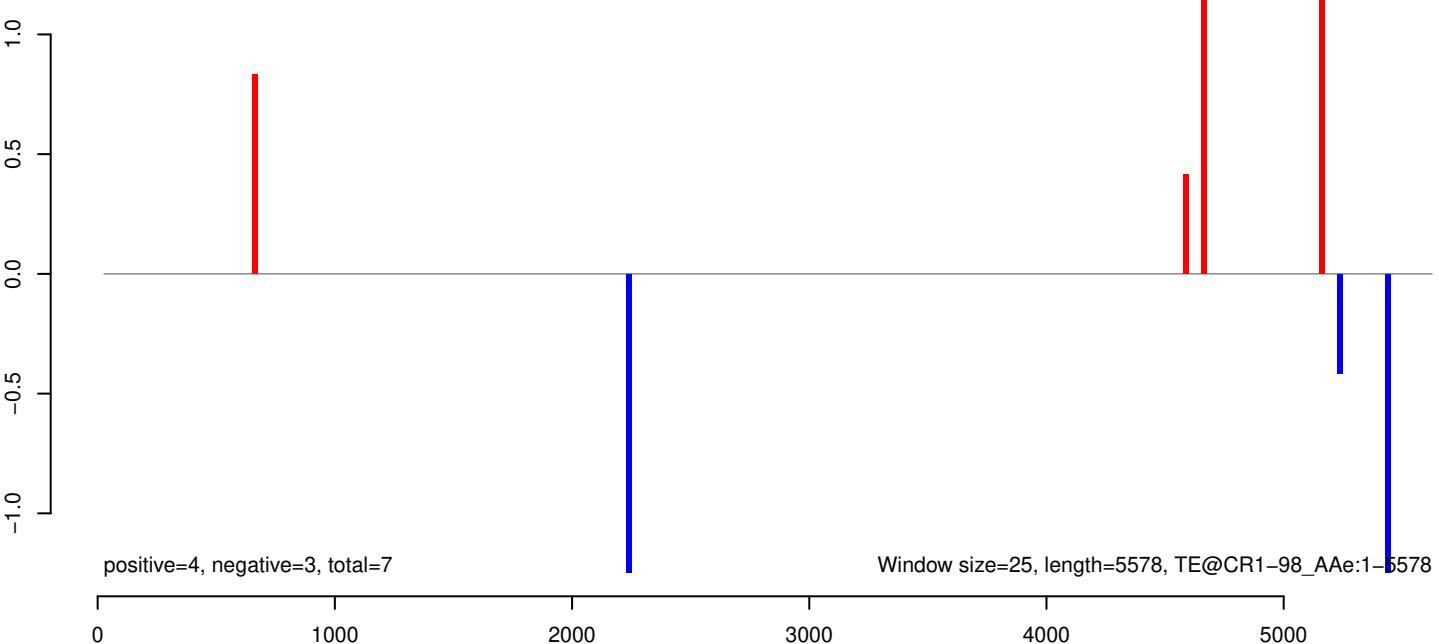
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



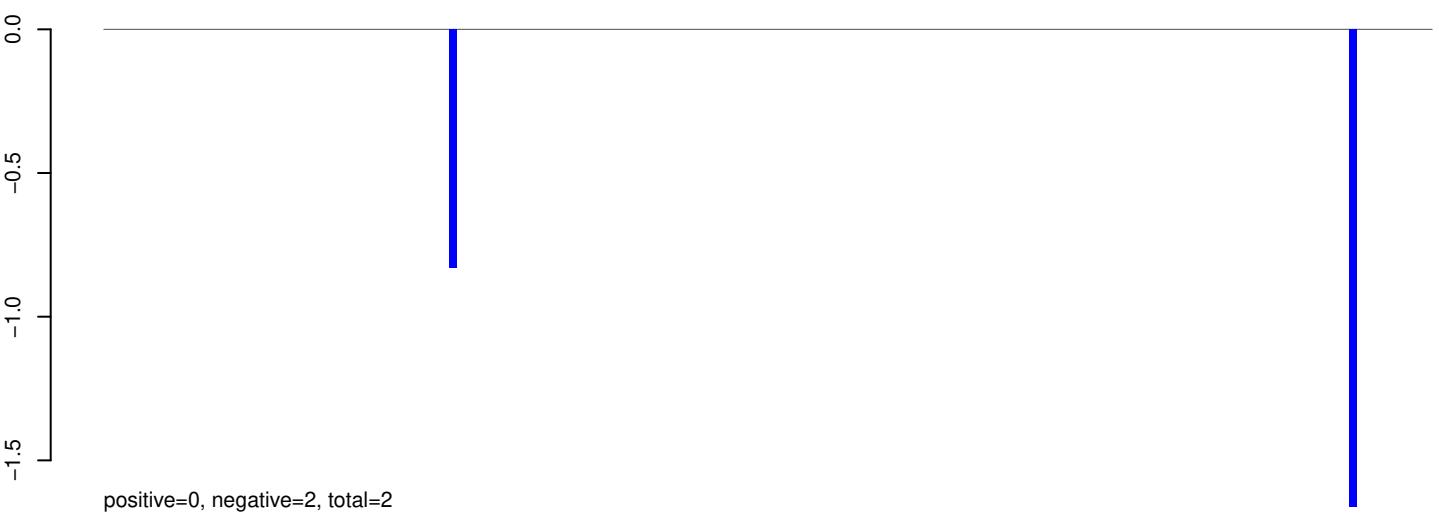
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



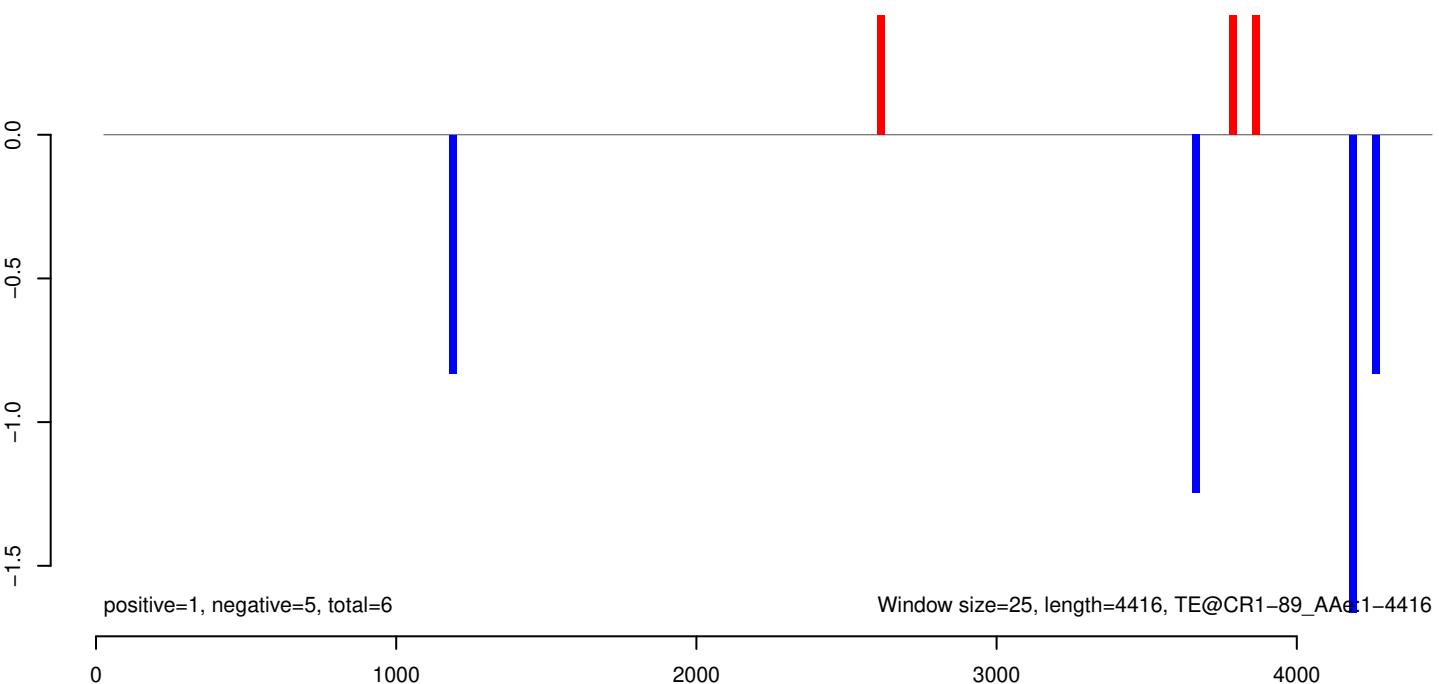
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



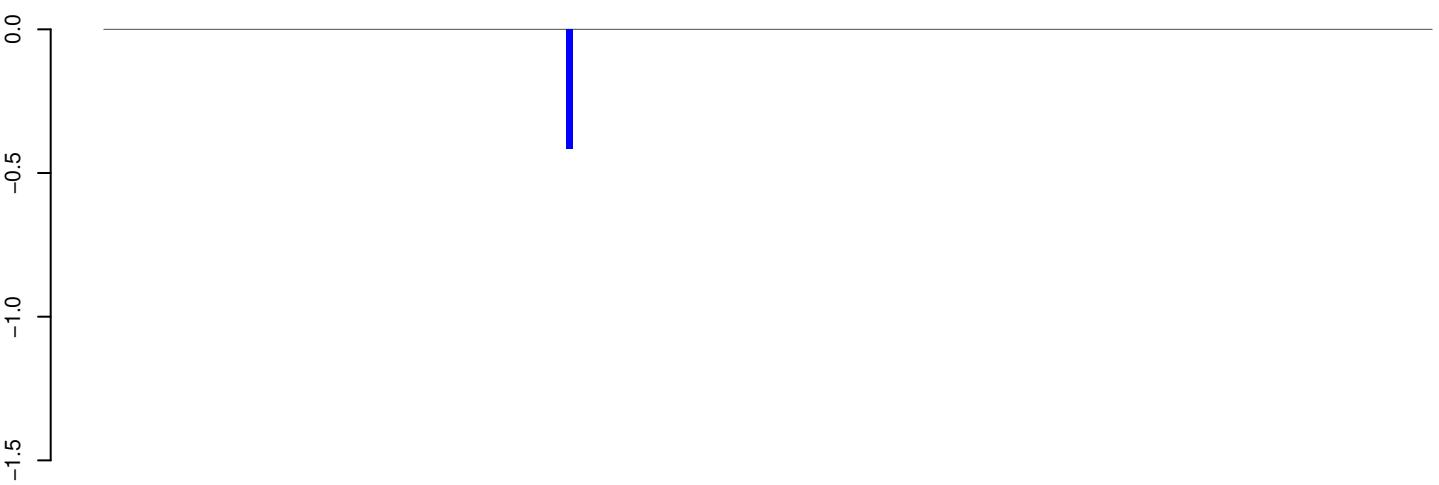
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



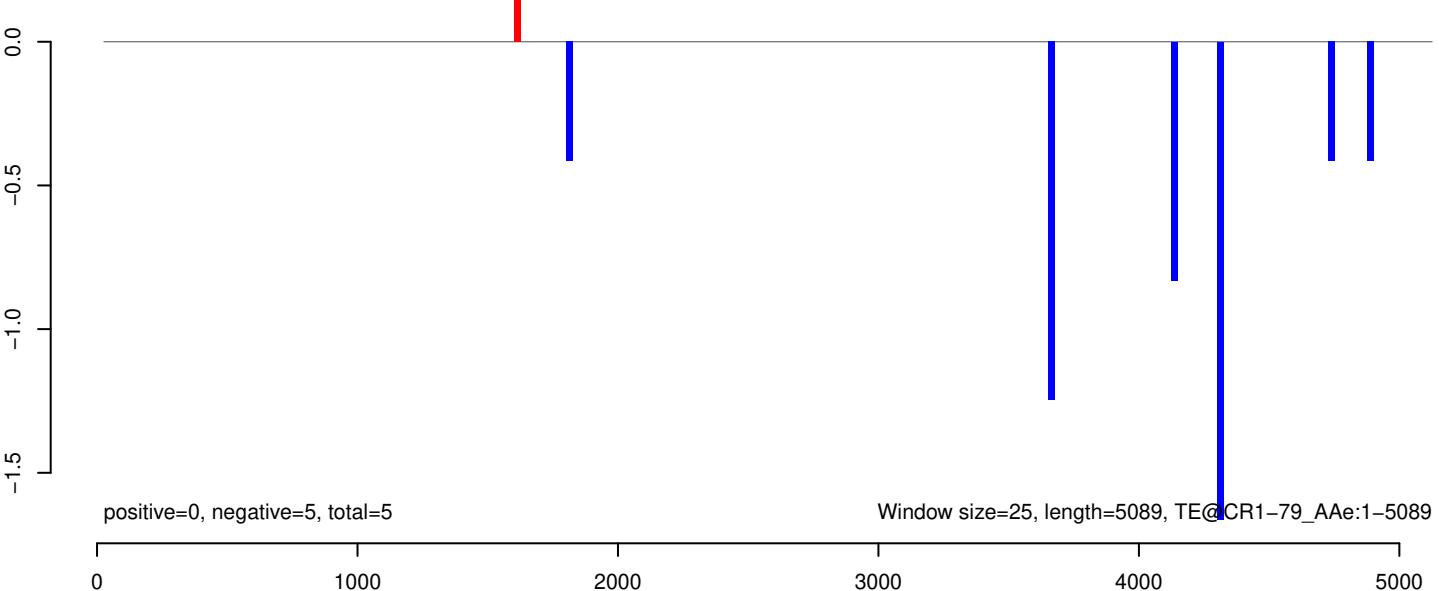
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



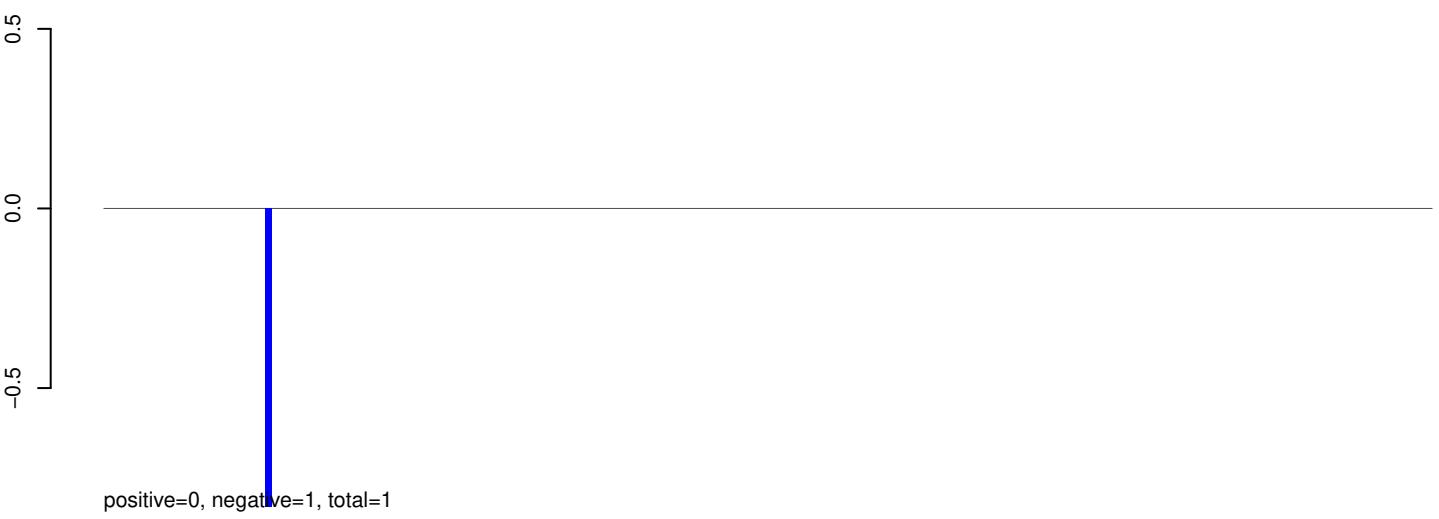
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



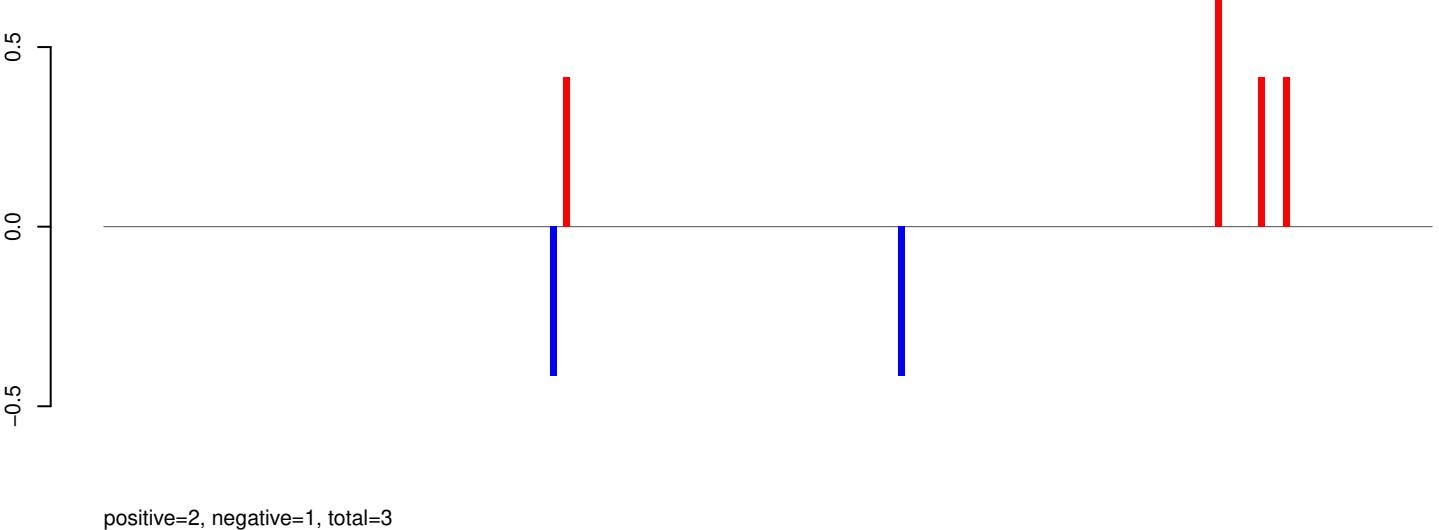
**AeAeg\_Whole\_sm\_r123\_JM.rep**



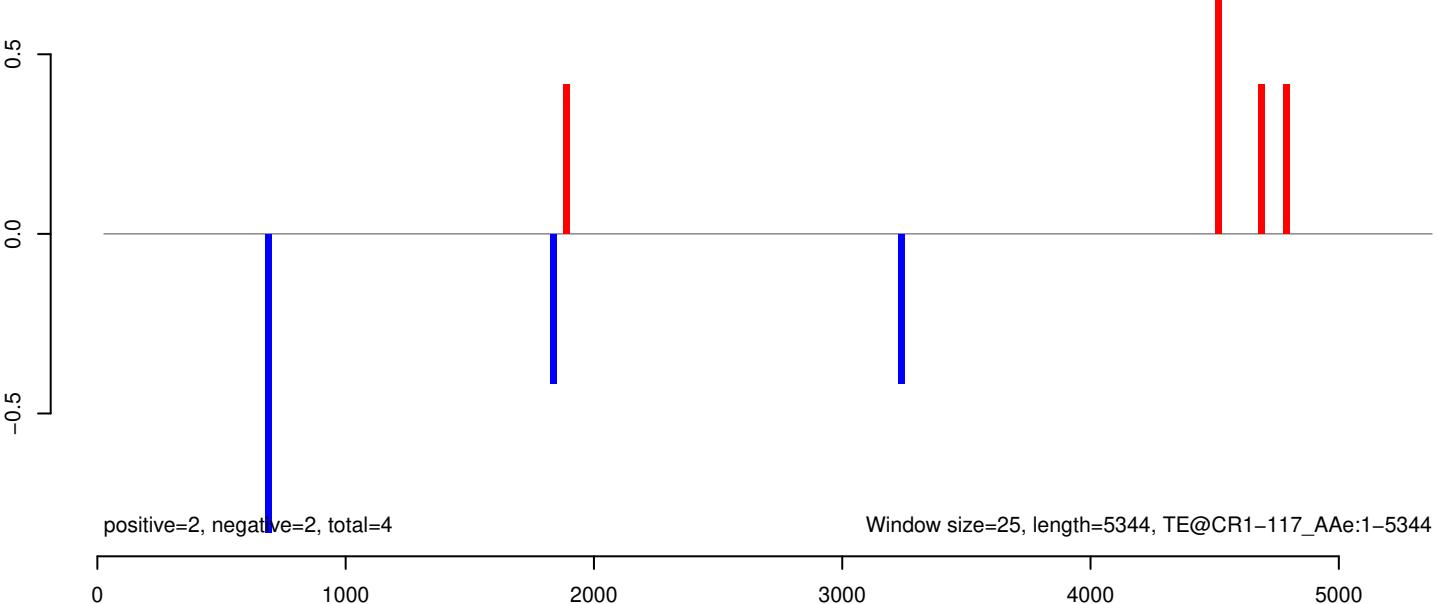
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



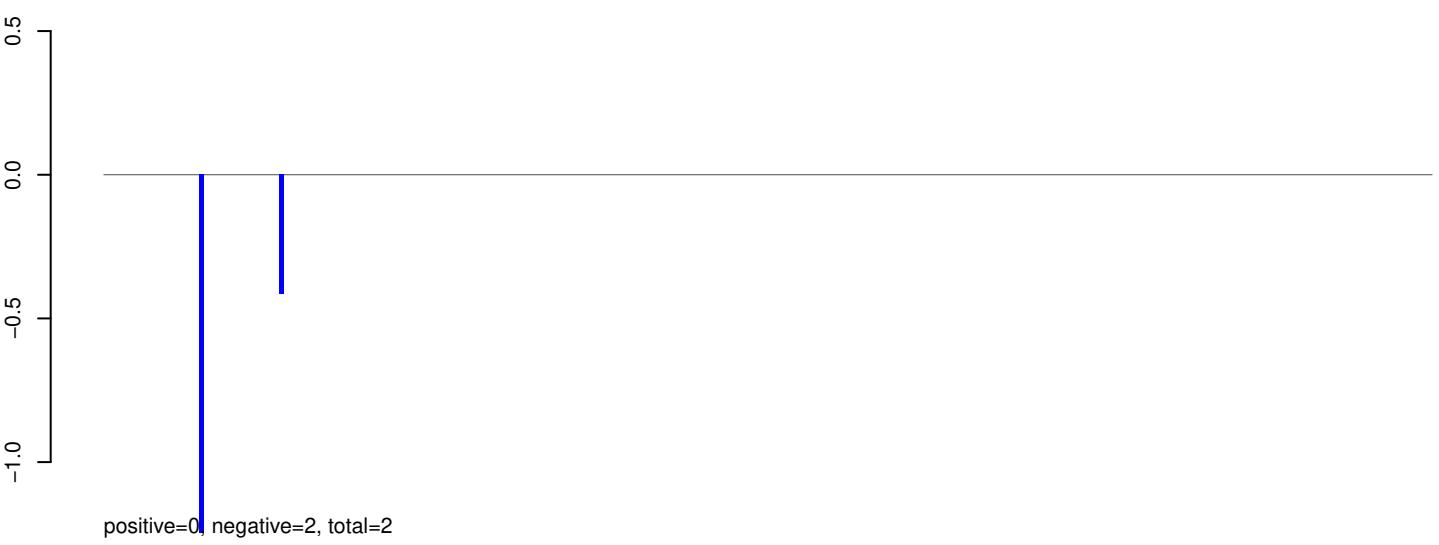
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



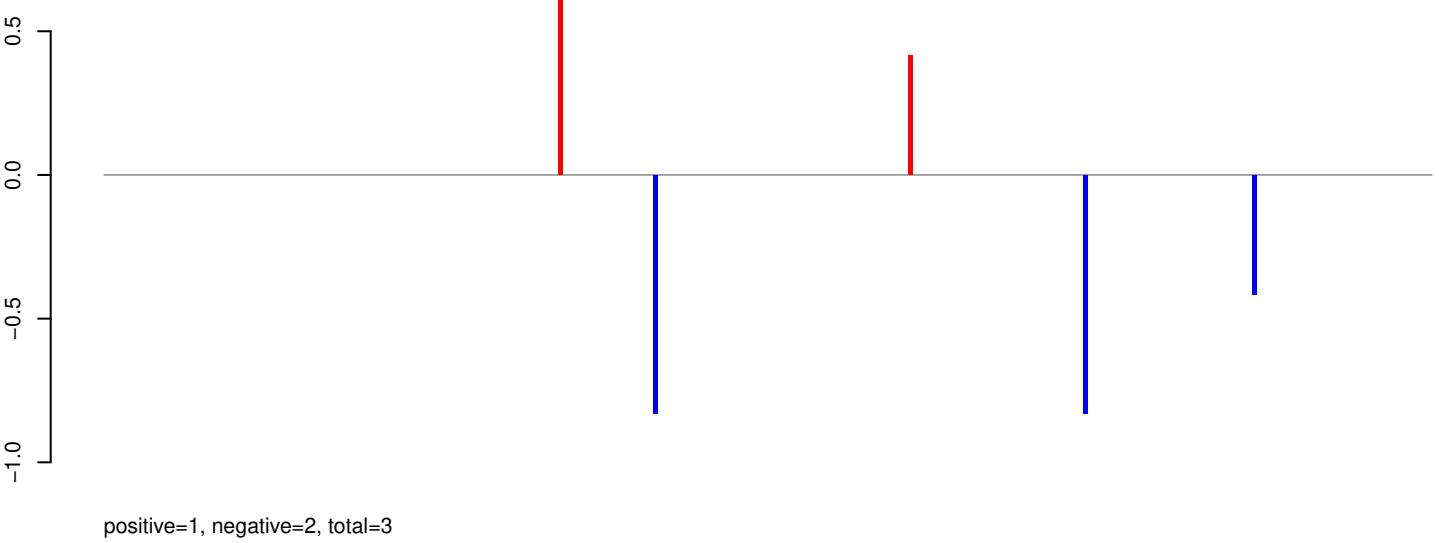
**AeAeg\_Whole\_sm\_r123\_JM.rep**



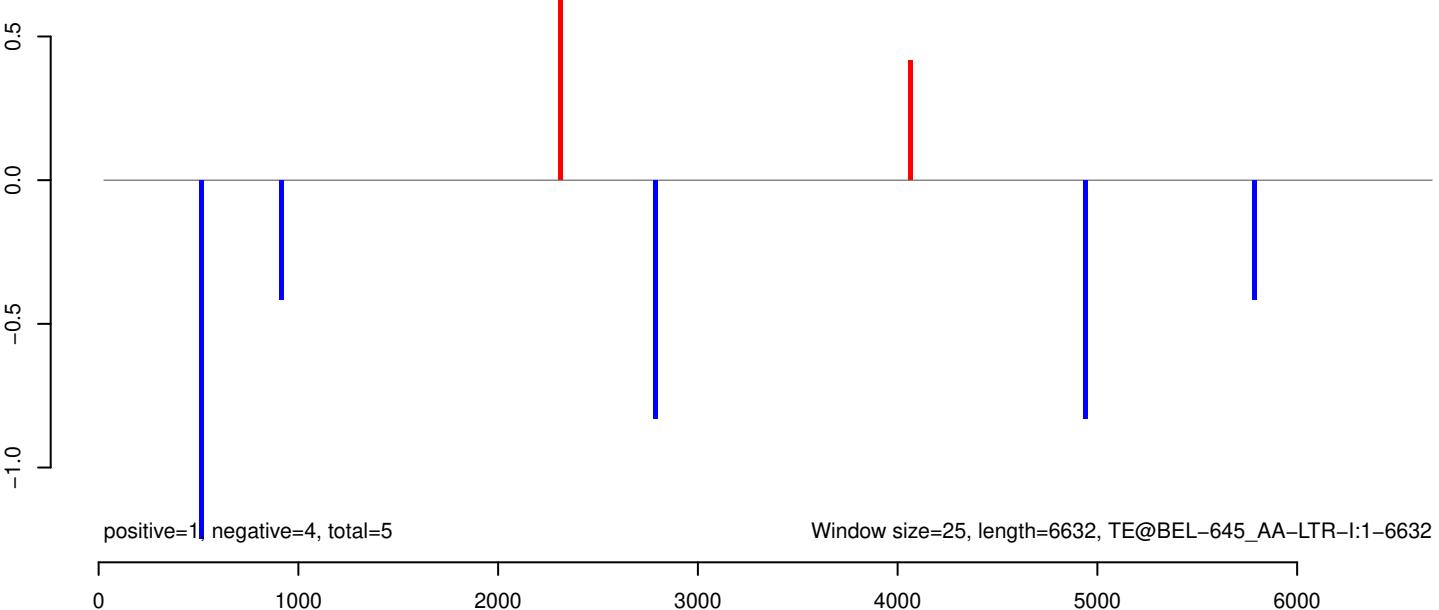
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



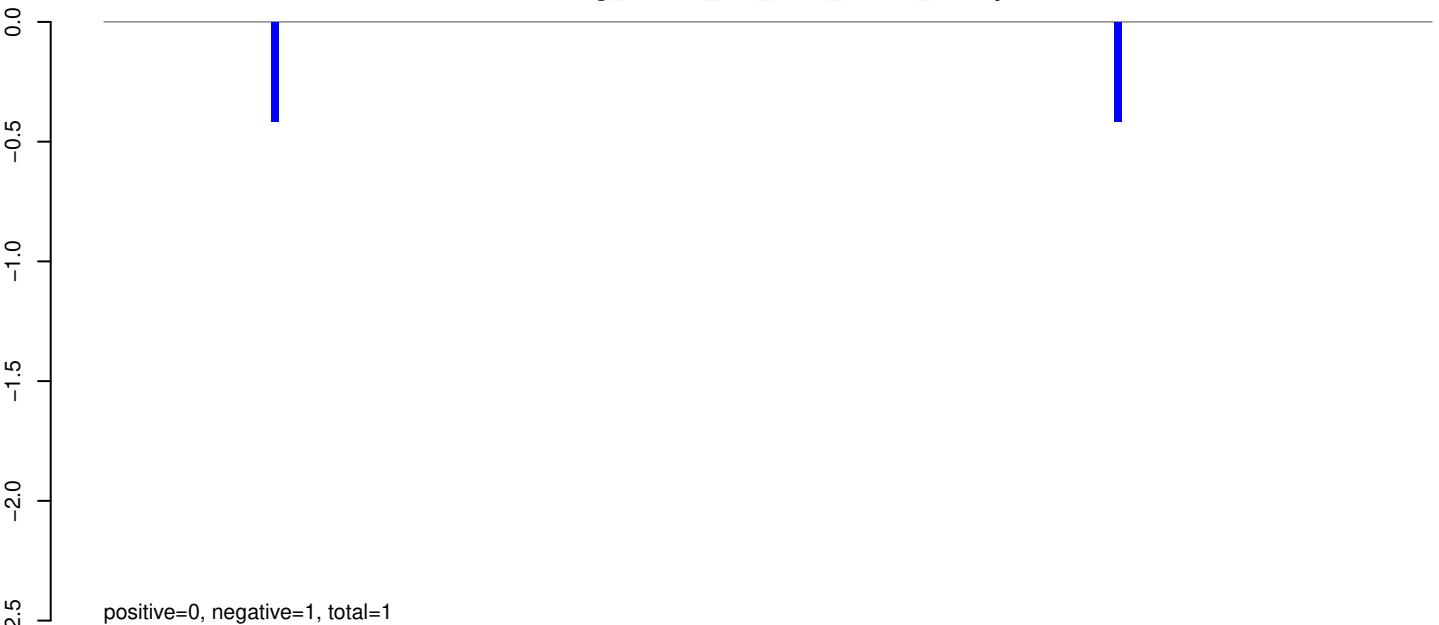
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



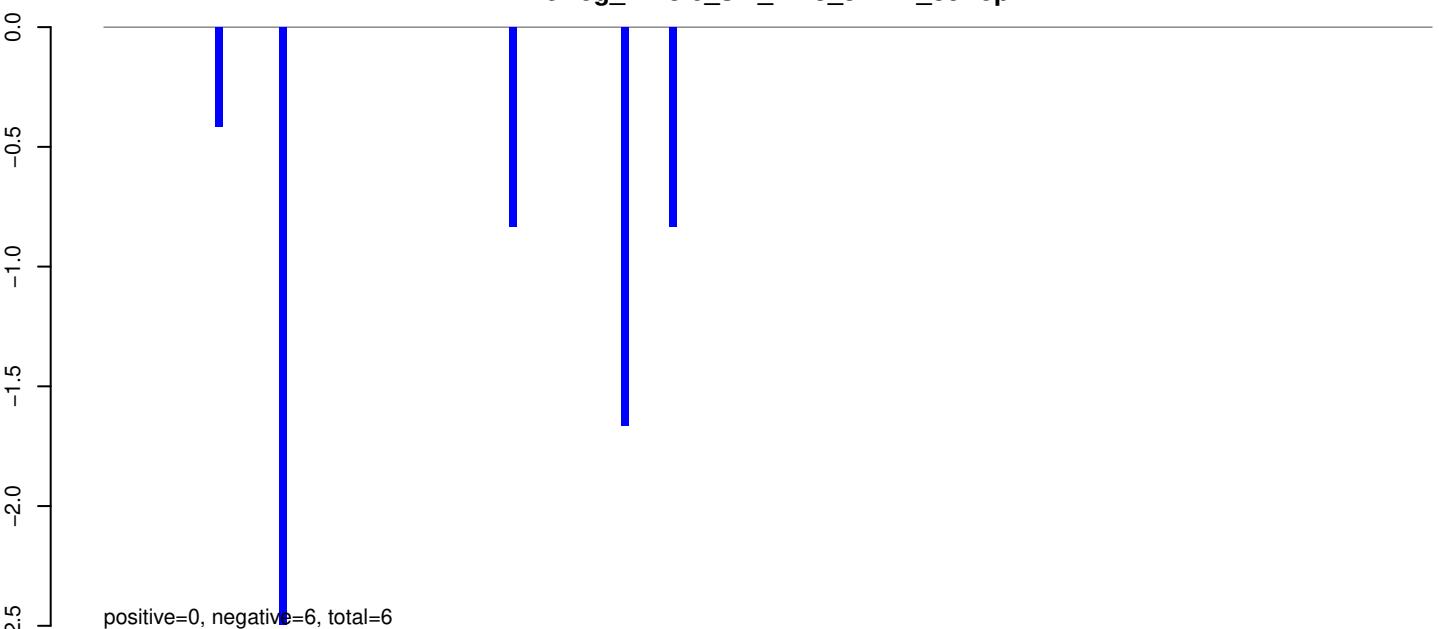
**AeAeg\_Whole\_sm\_r123\_JM.rep**



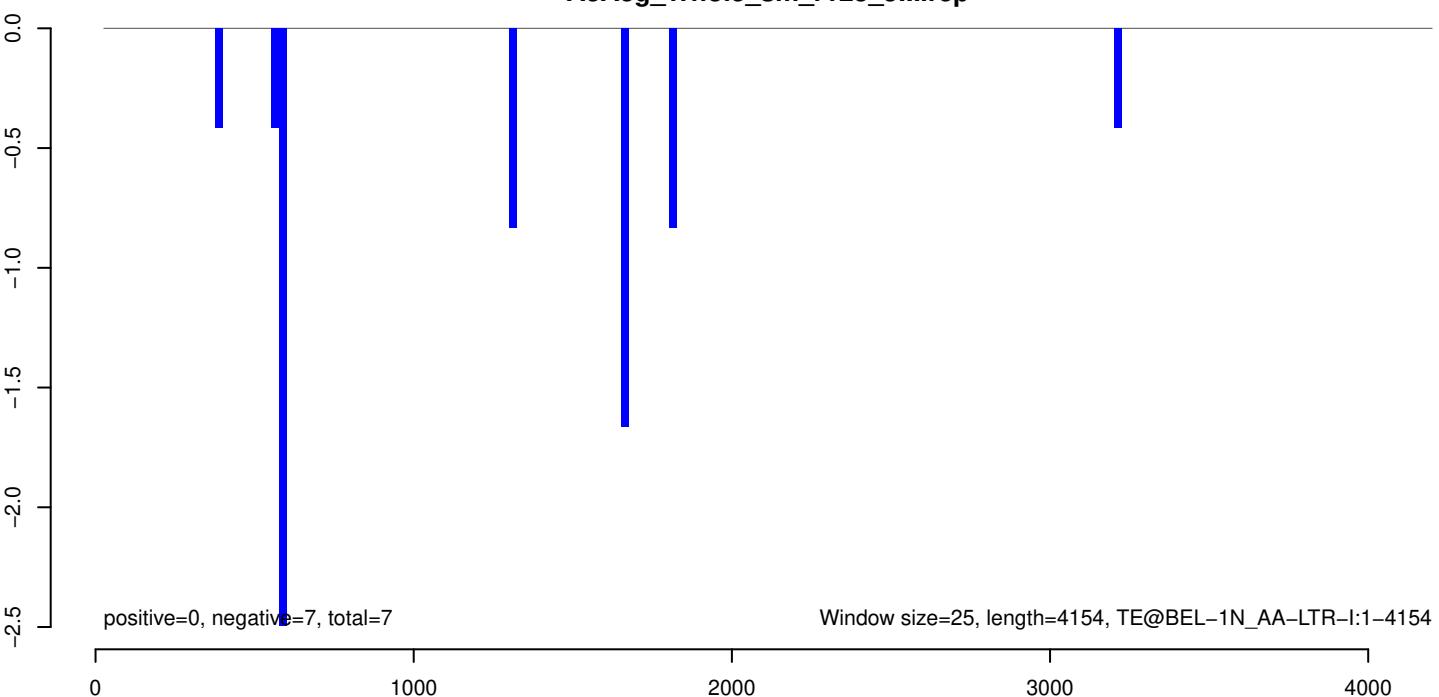
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



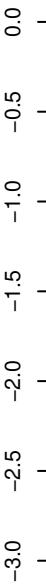
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

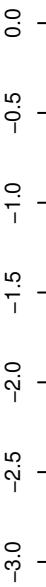


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



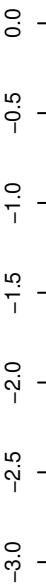
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=9, total=9

### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=0, negative=9, total=9

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

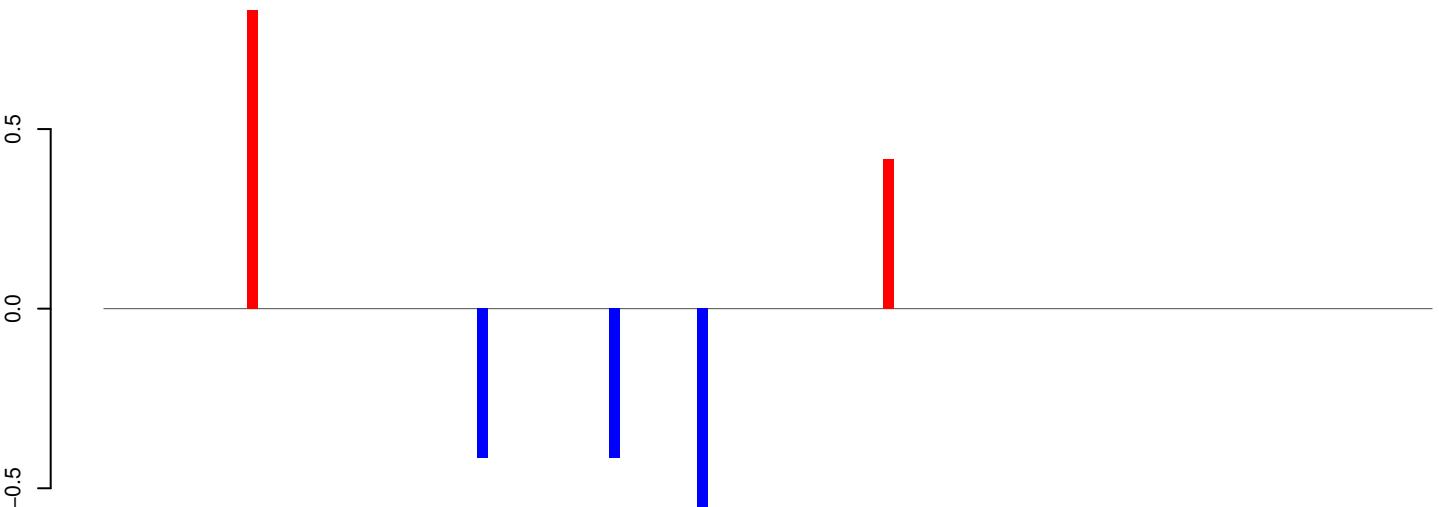


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



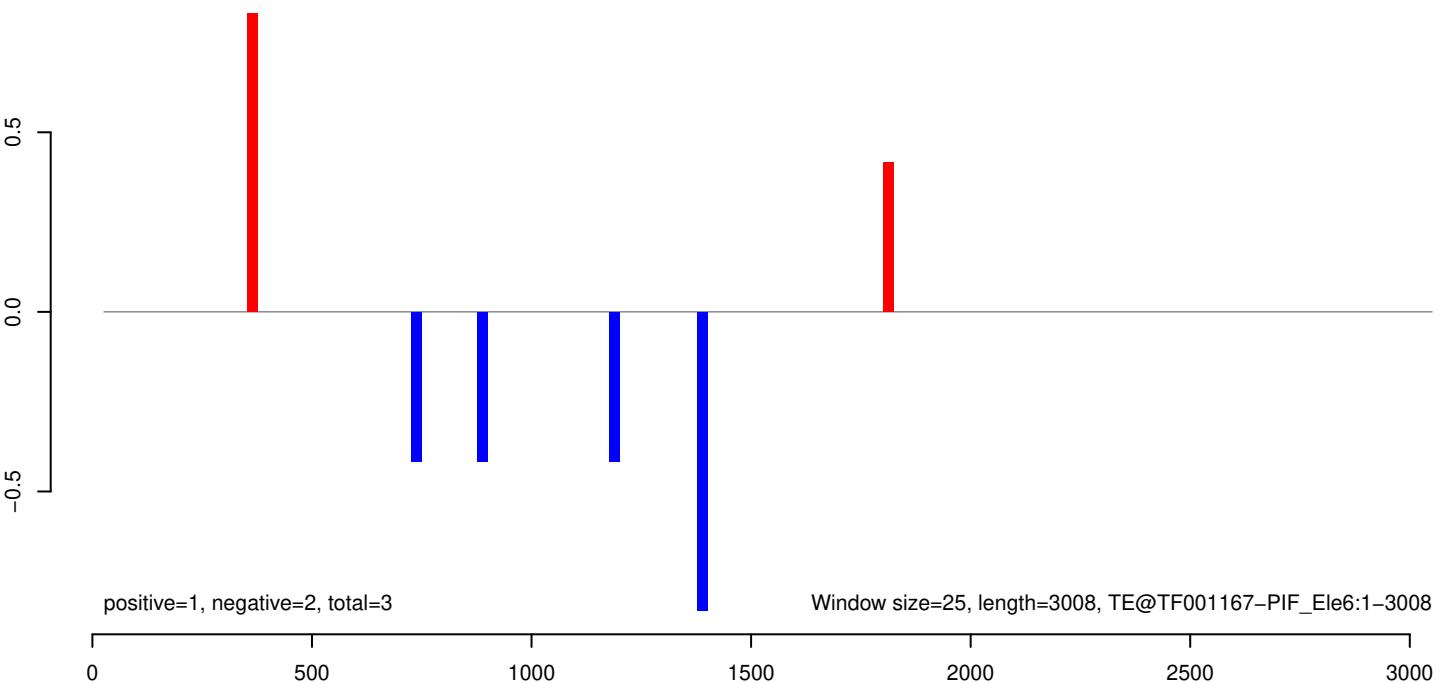
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



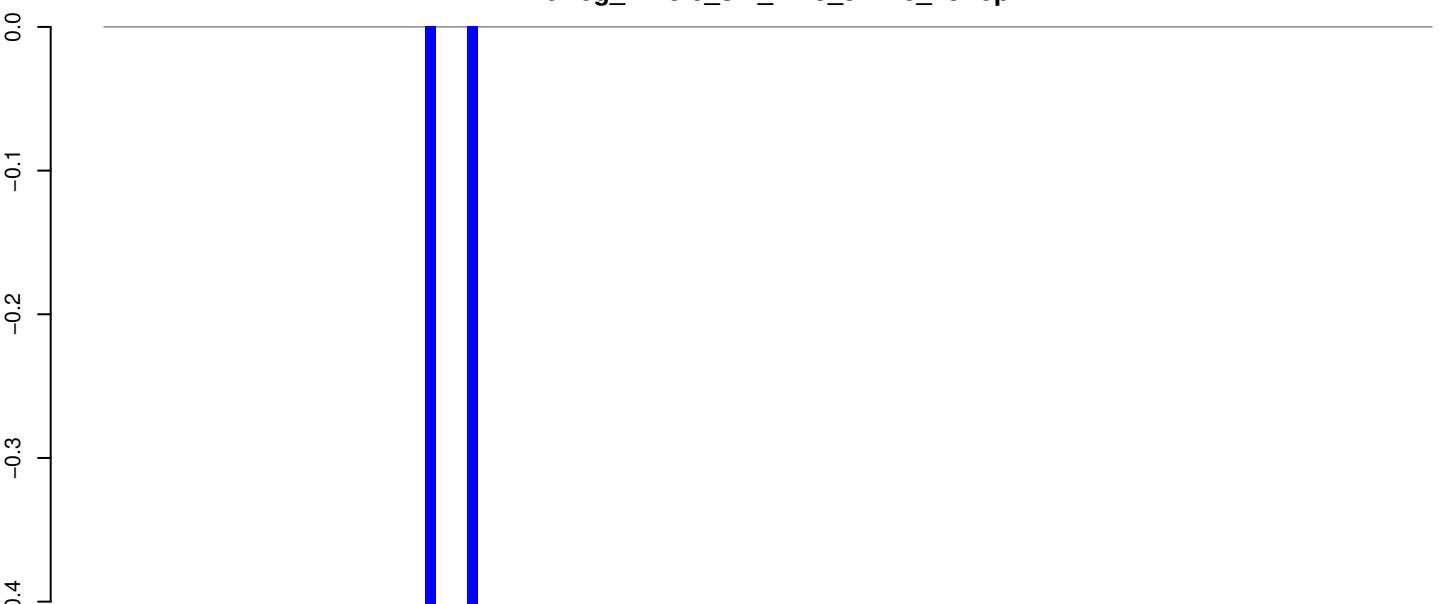
positive=1, negative=2, total=3

**AeAeg\_Whole\_sm\_r123\_JM.rep**



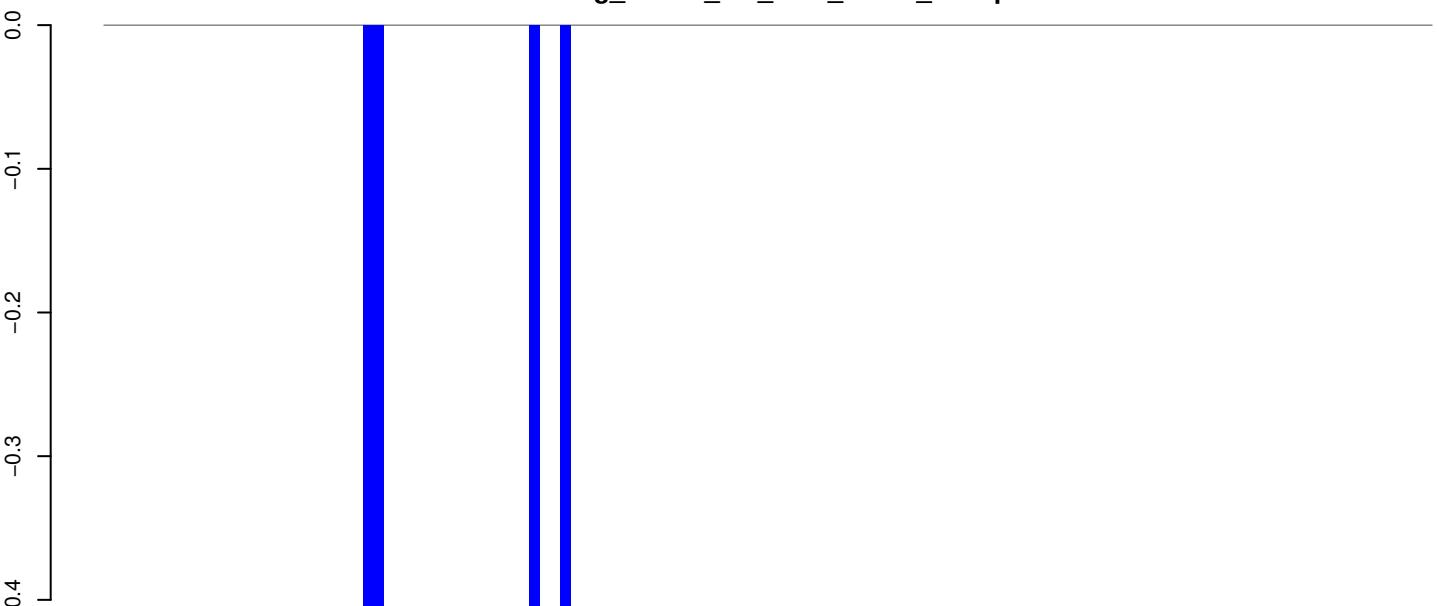
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

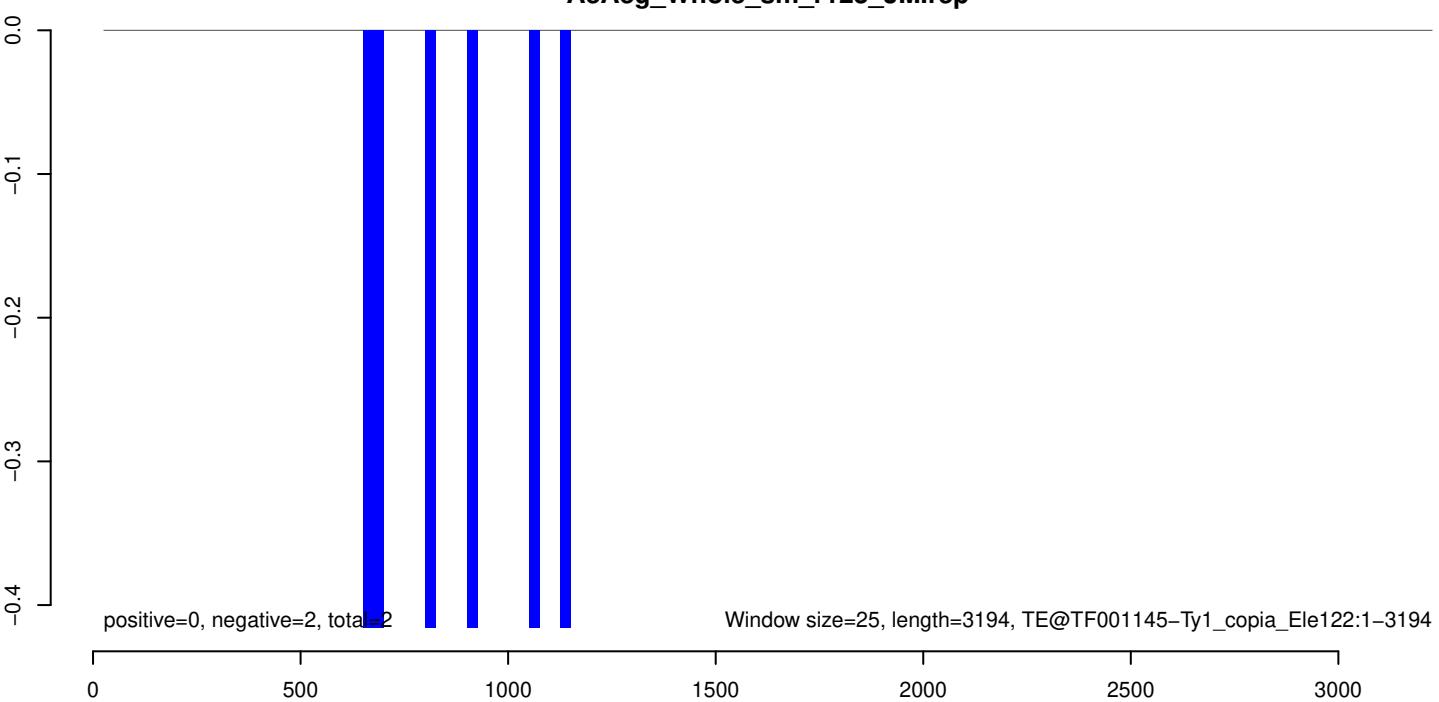
positive=0, negative=2, total=2



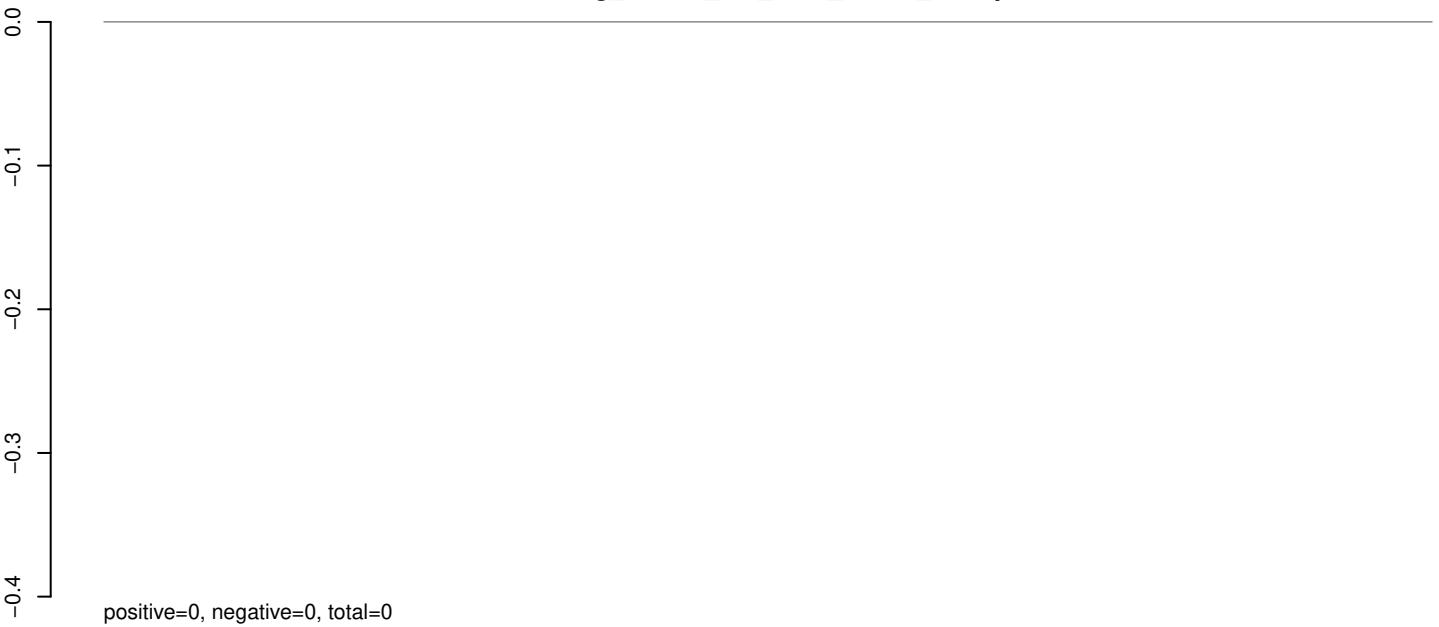
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

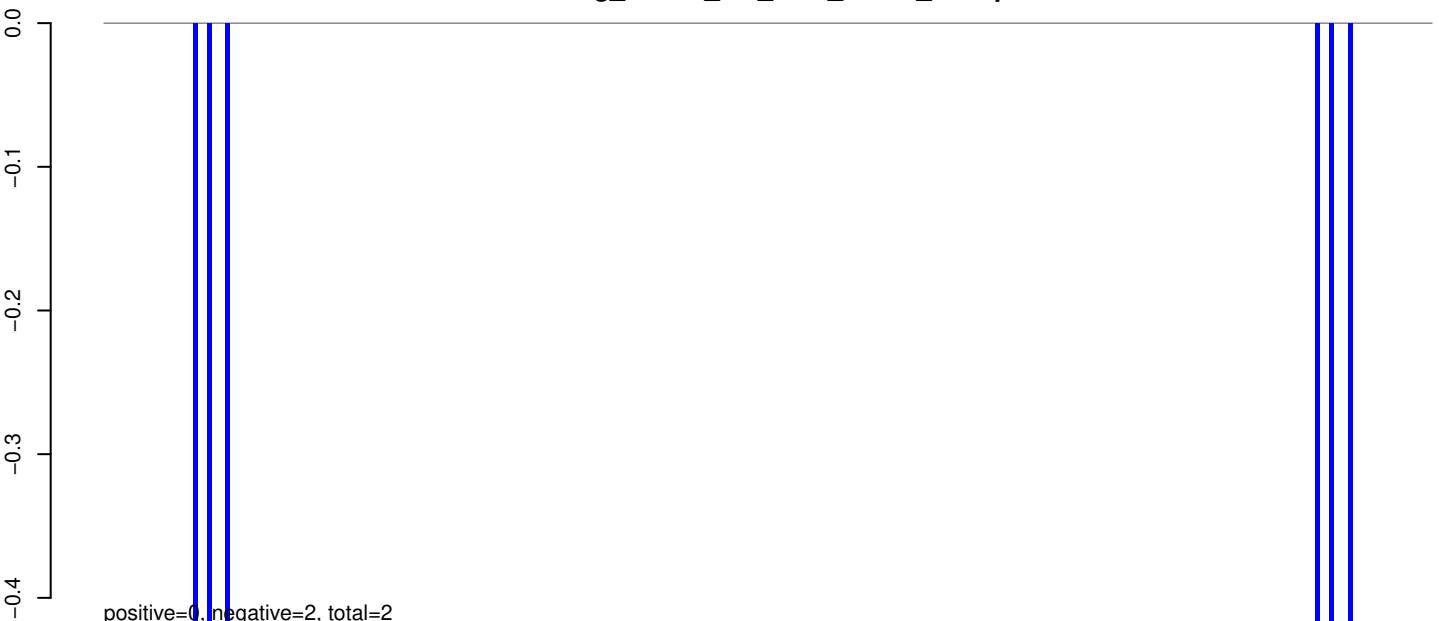
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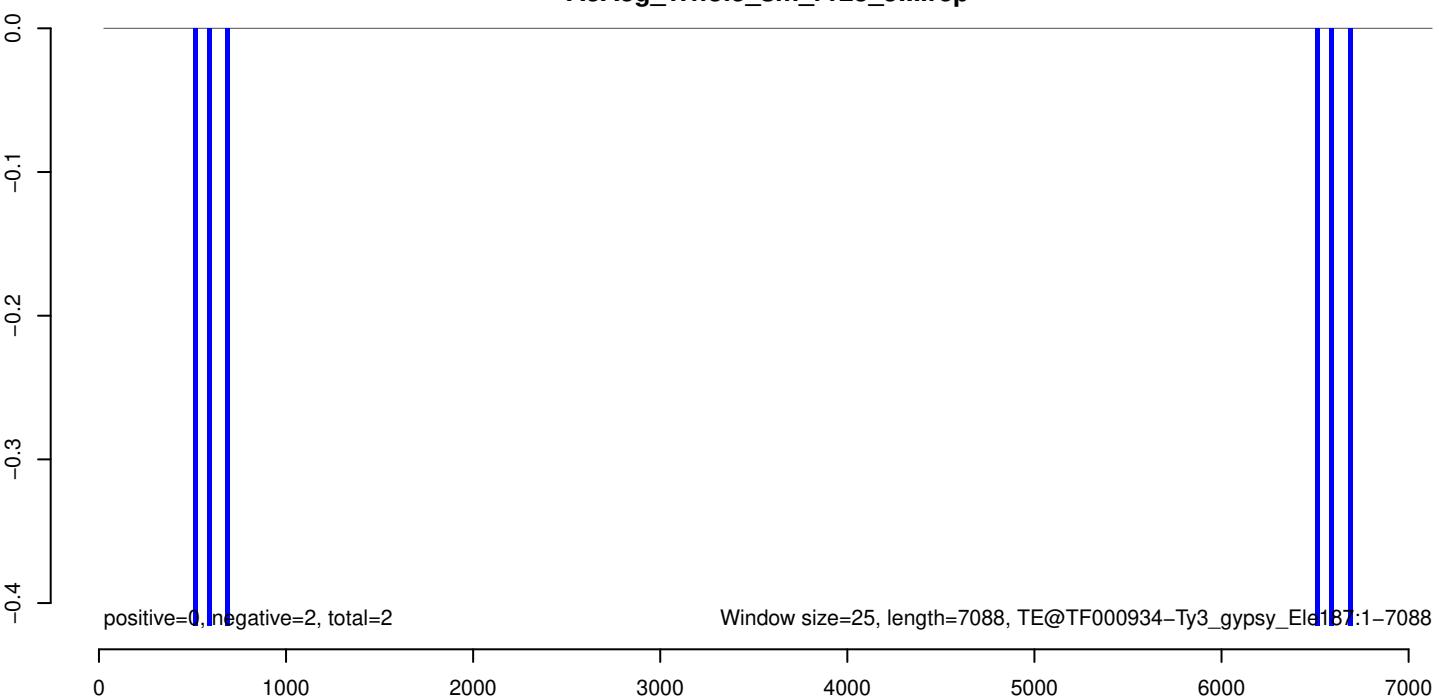
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



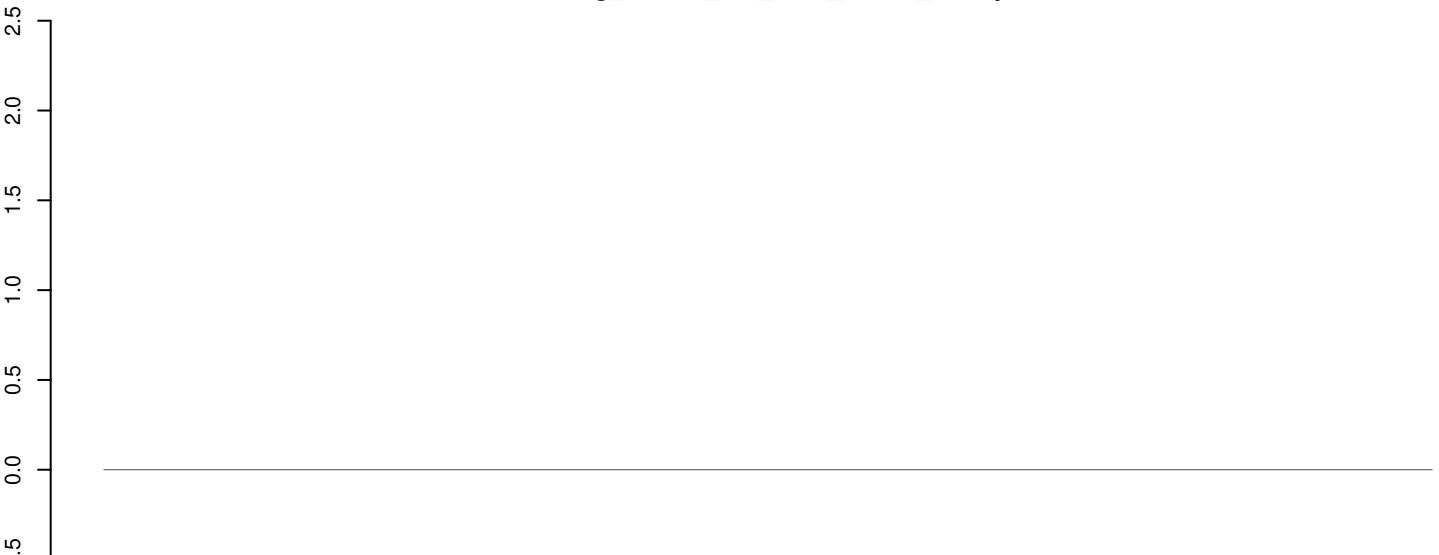
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



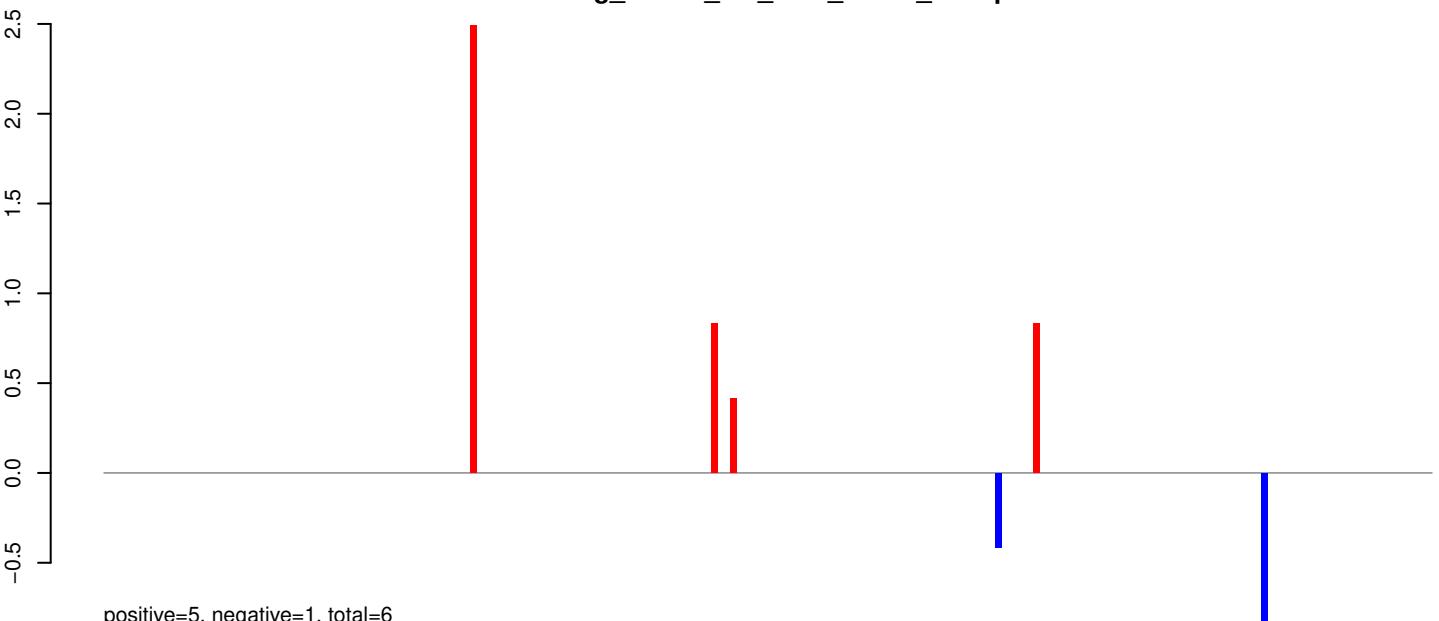
### AeAeg\_Whole\_sm\_r123\_JM.rep



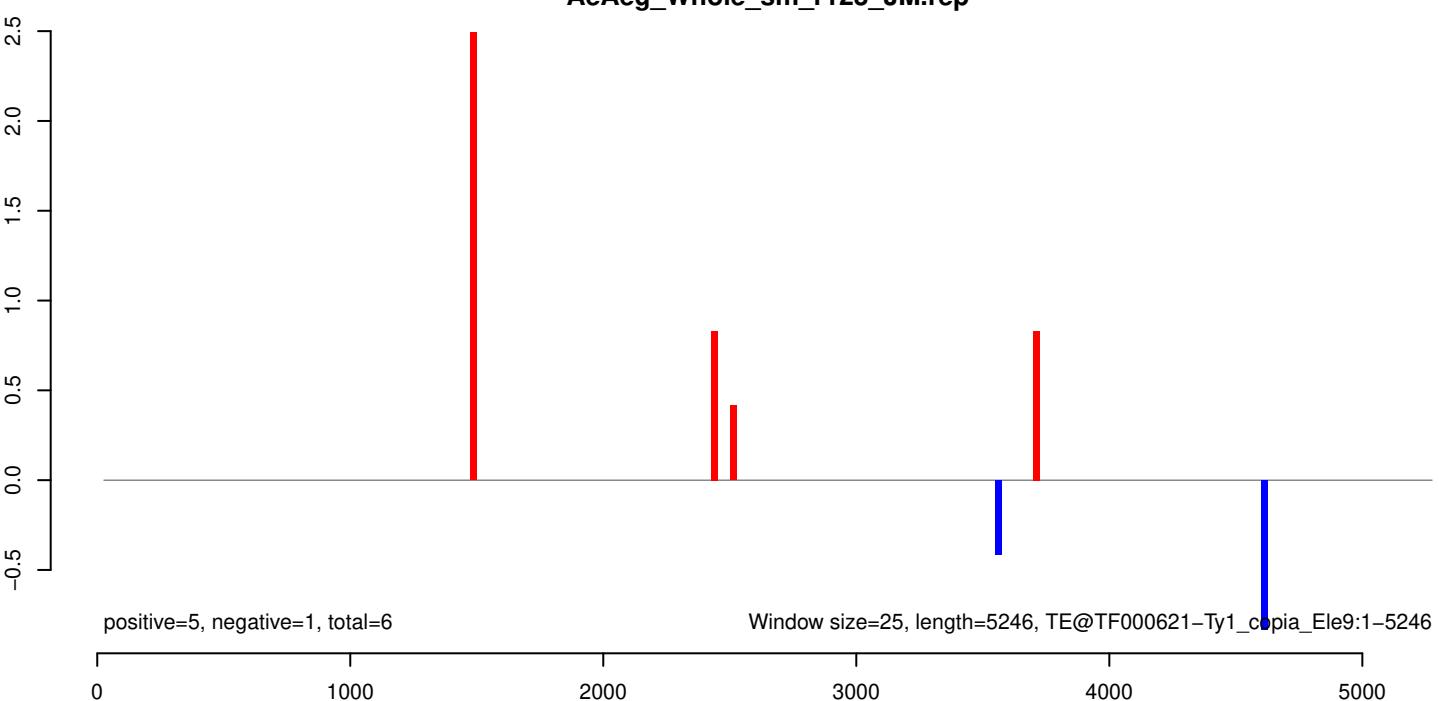
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



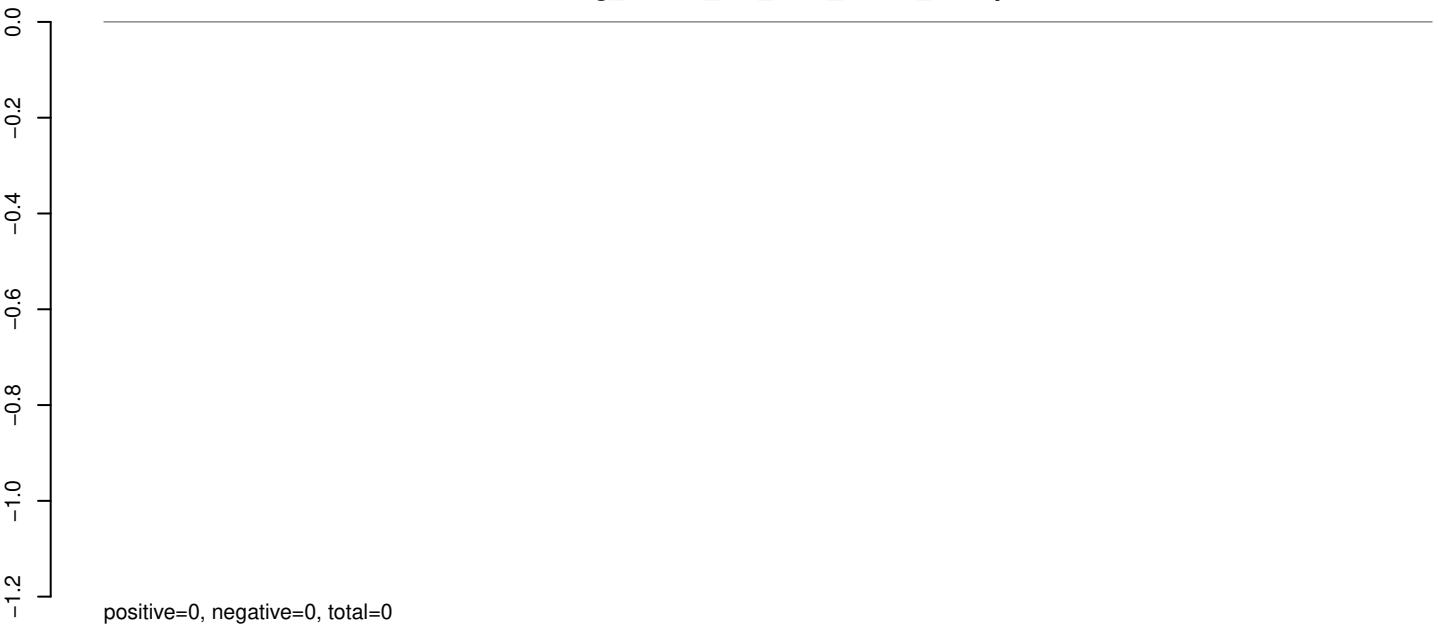
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



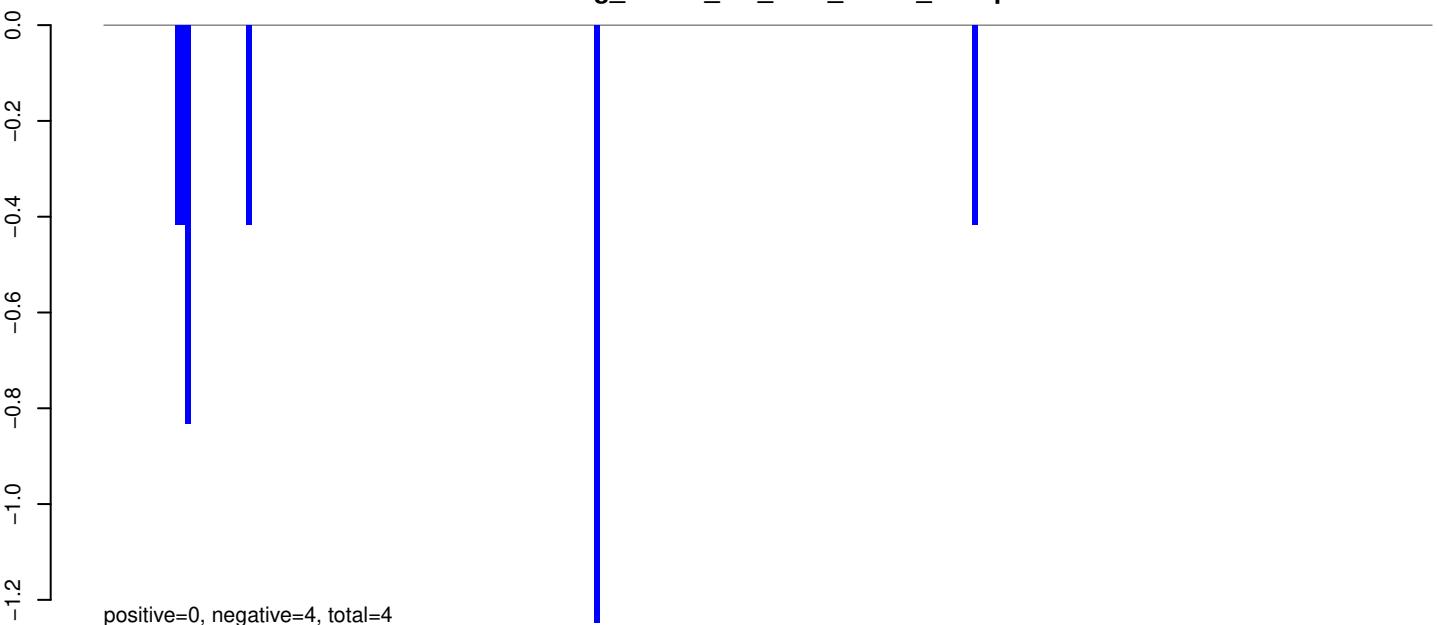
### AeAeg\_Whole\_sm\_r123\_JM.rep



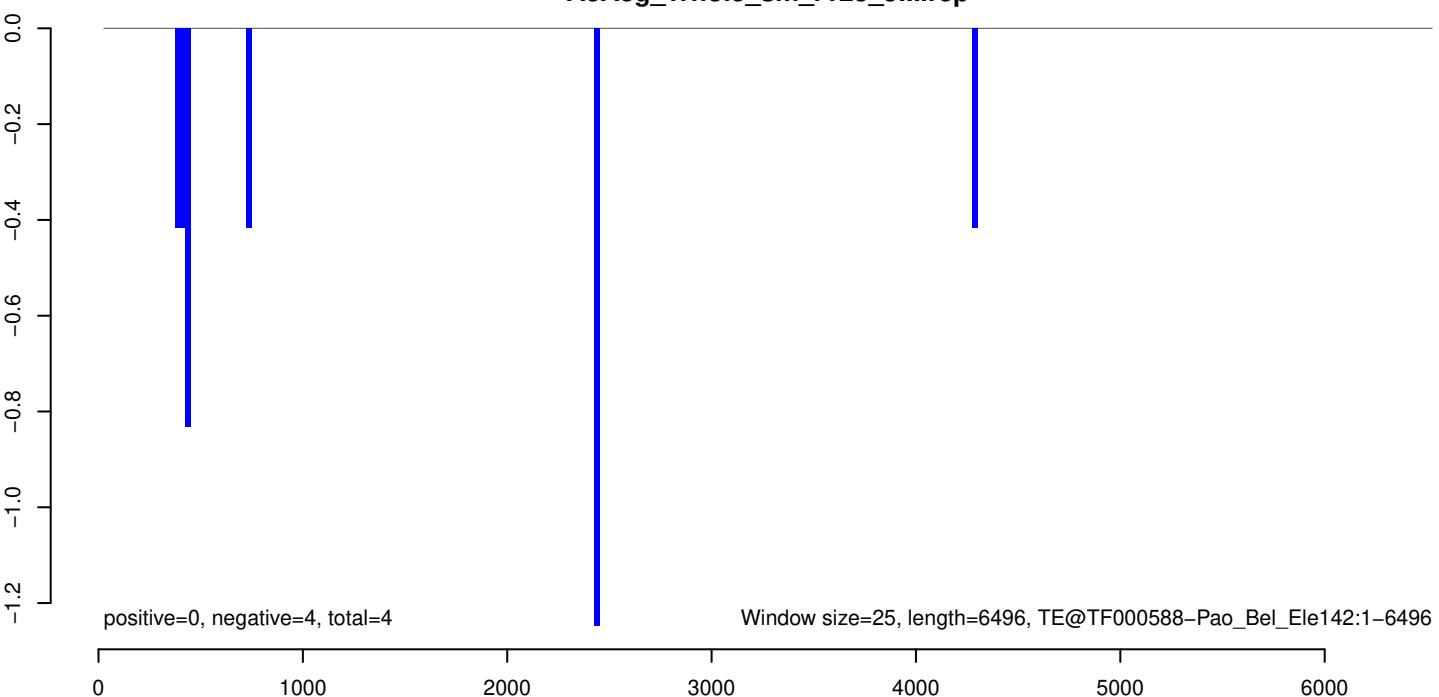
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



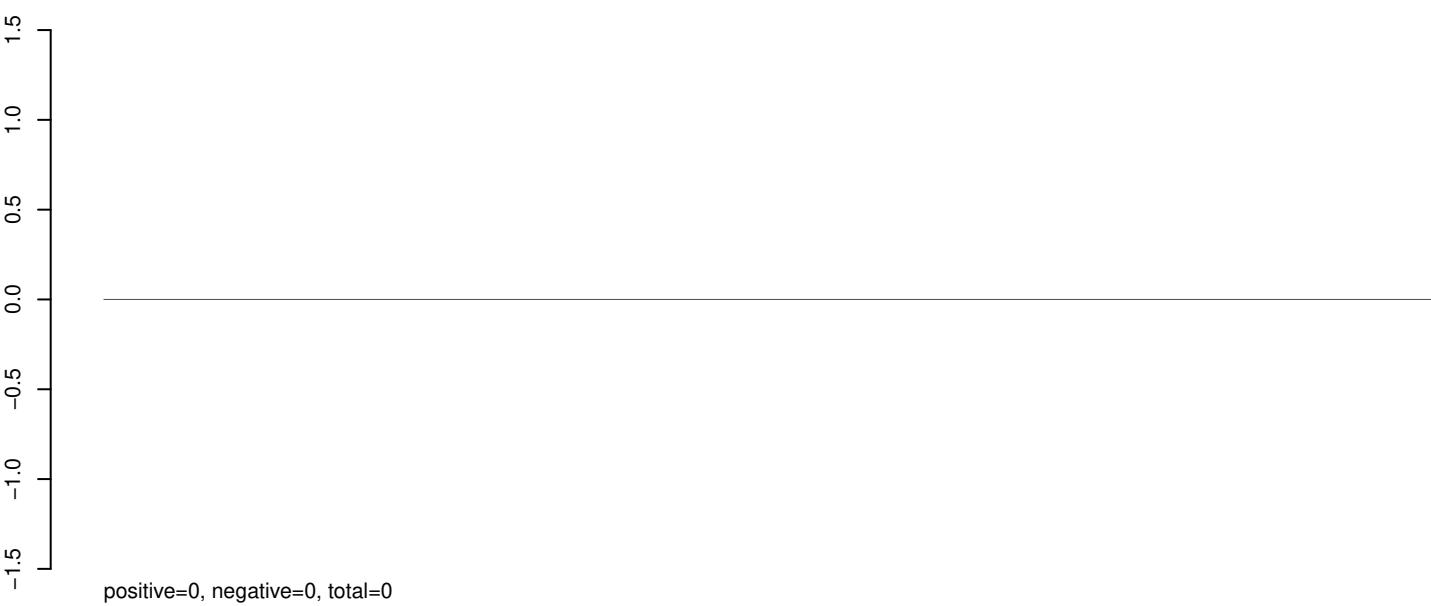
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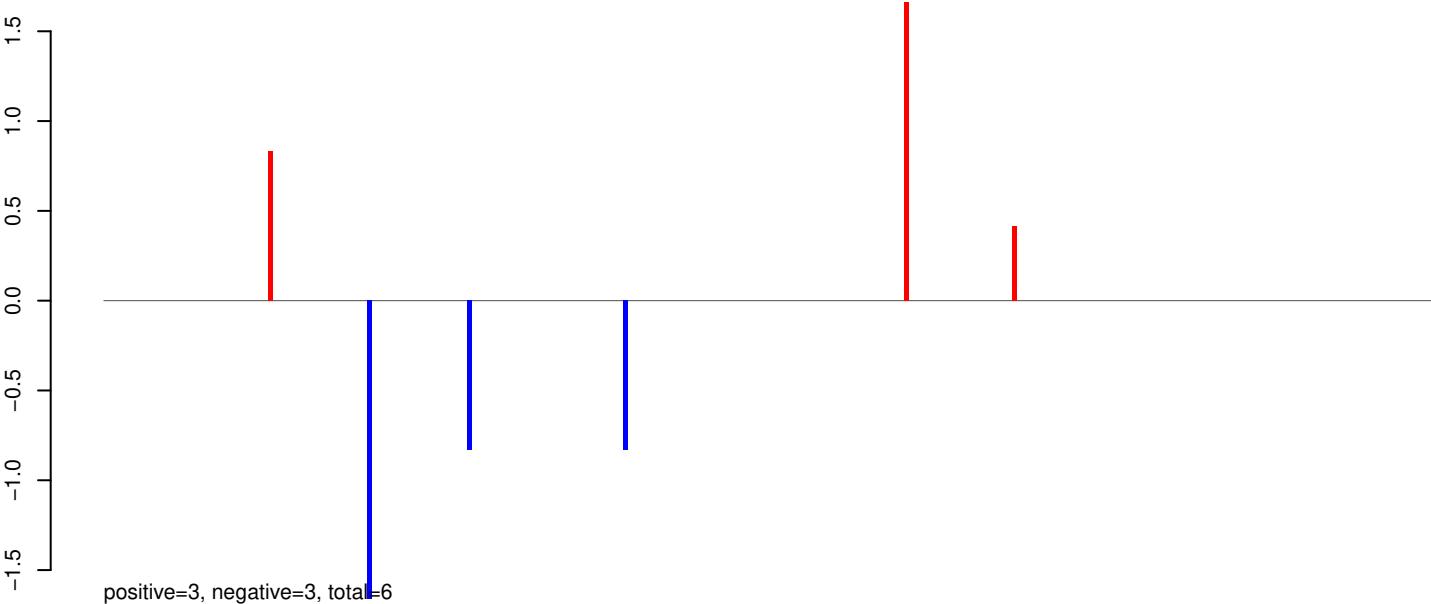
### AeAeg\_Whole\_sm\_r123\_JM.rep



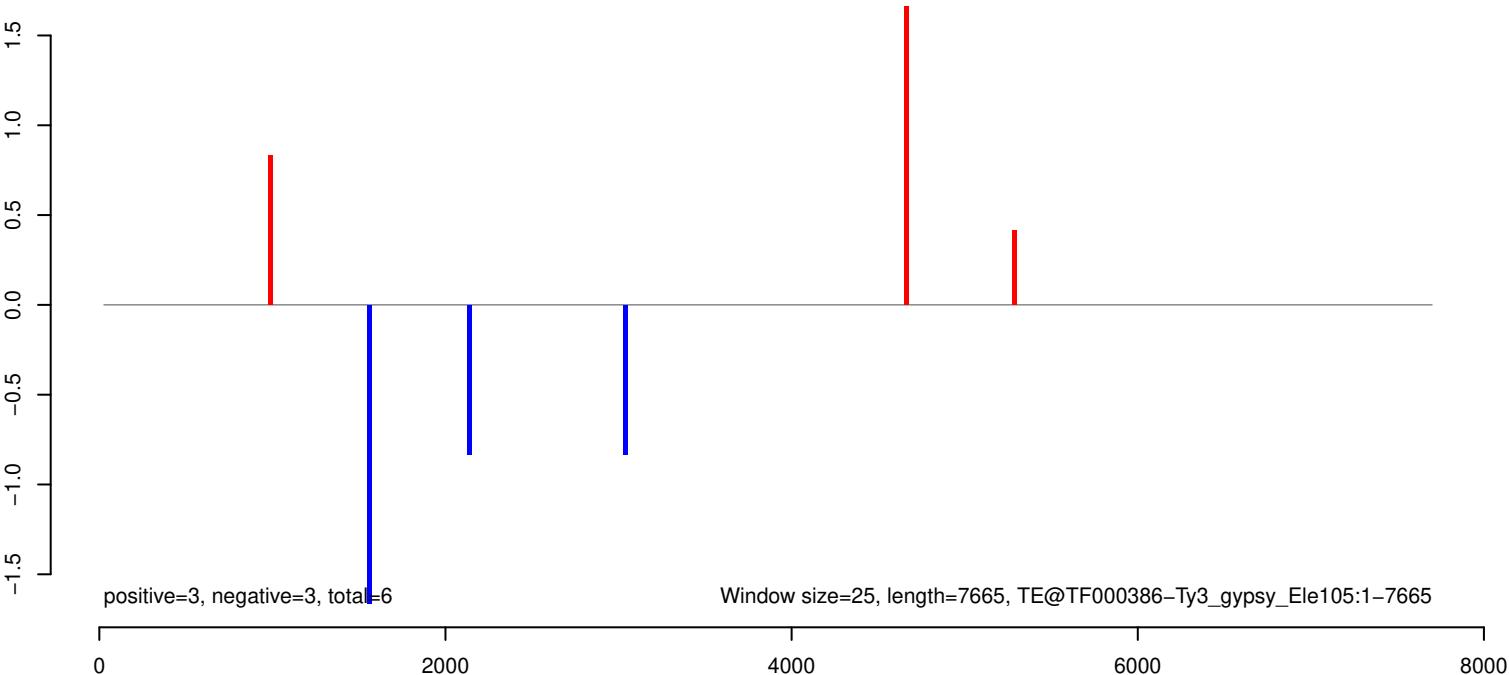
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



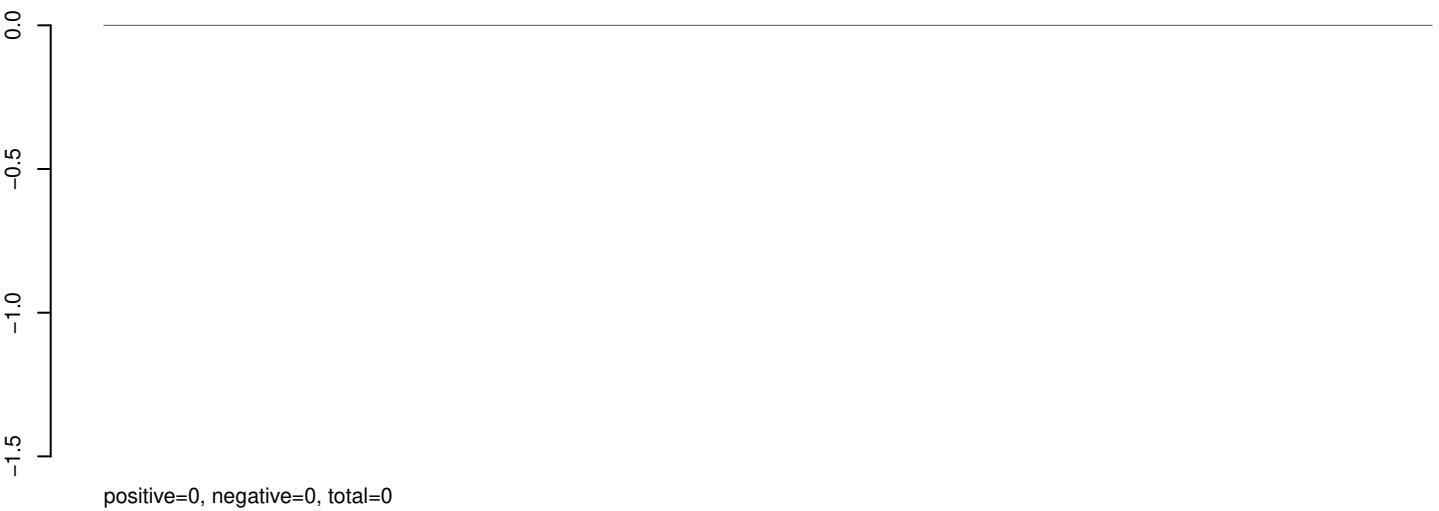
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



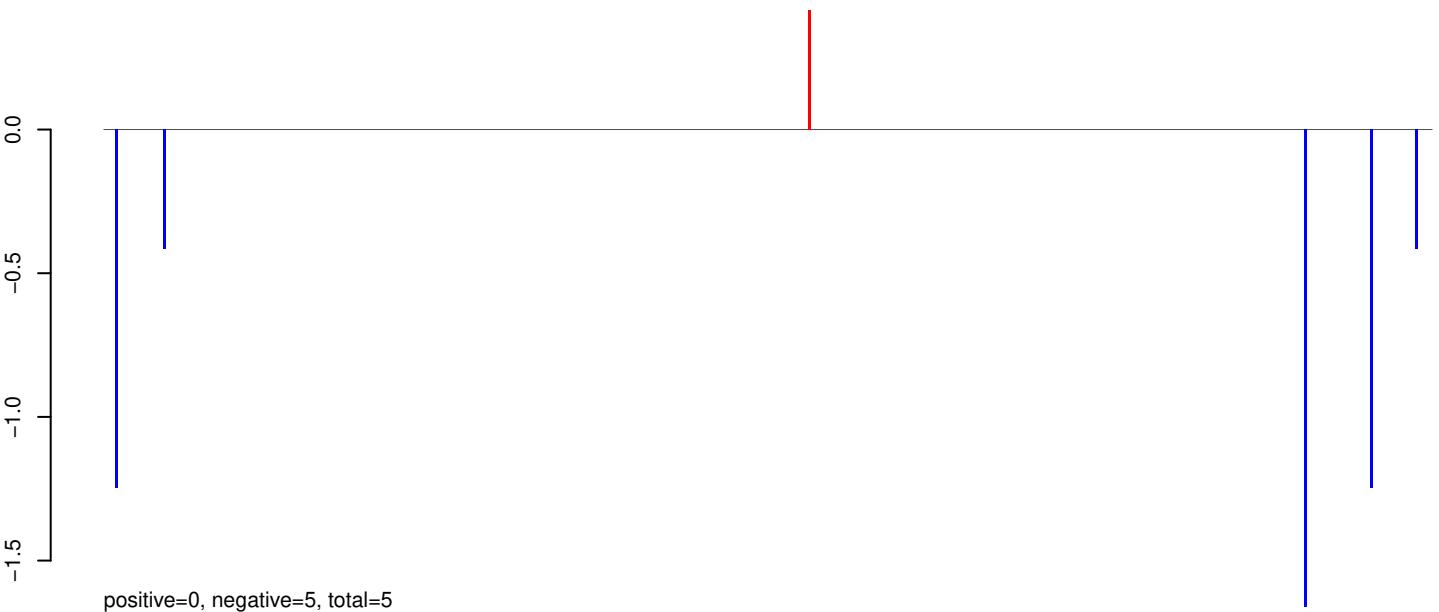
### AeAeg\_Whole\_sm\_r123\_JM.rep



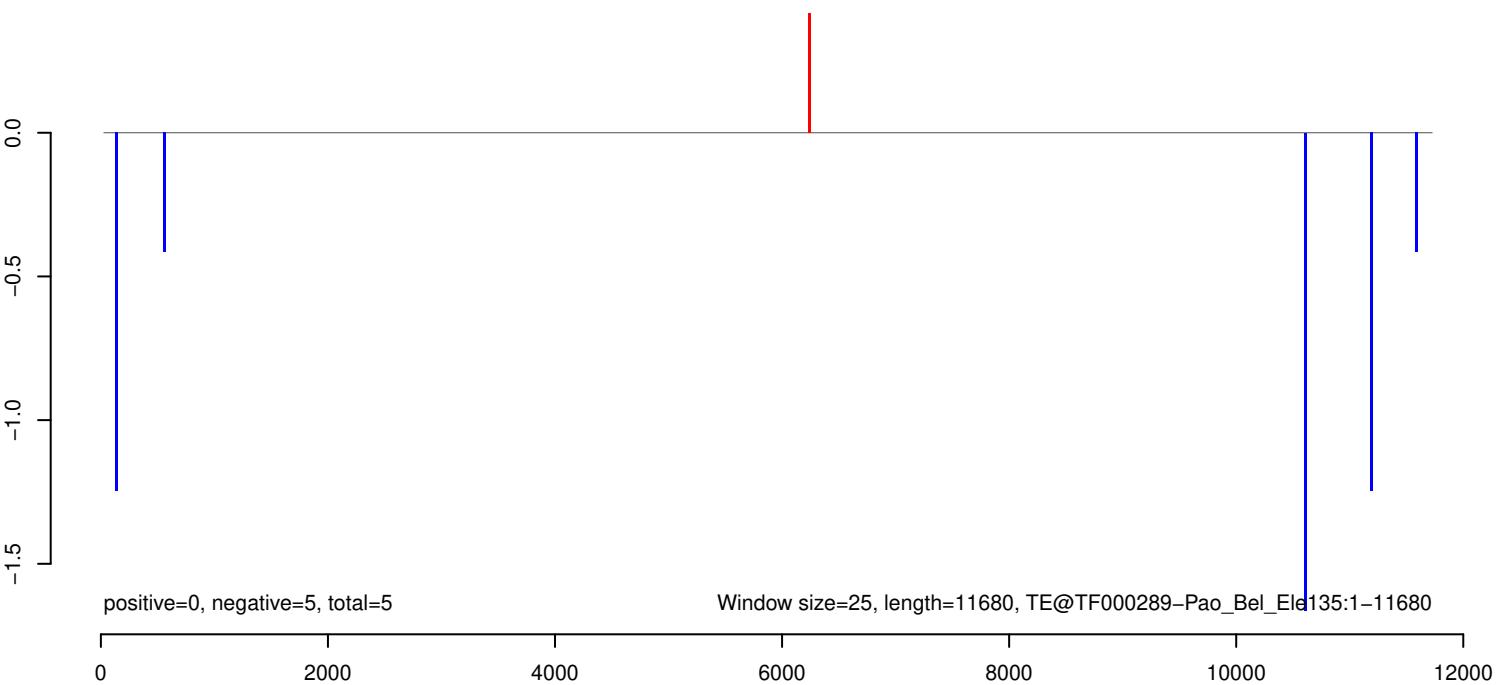
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



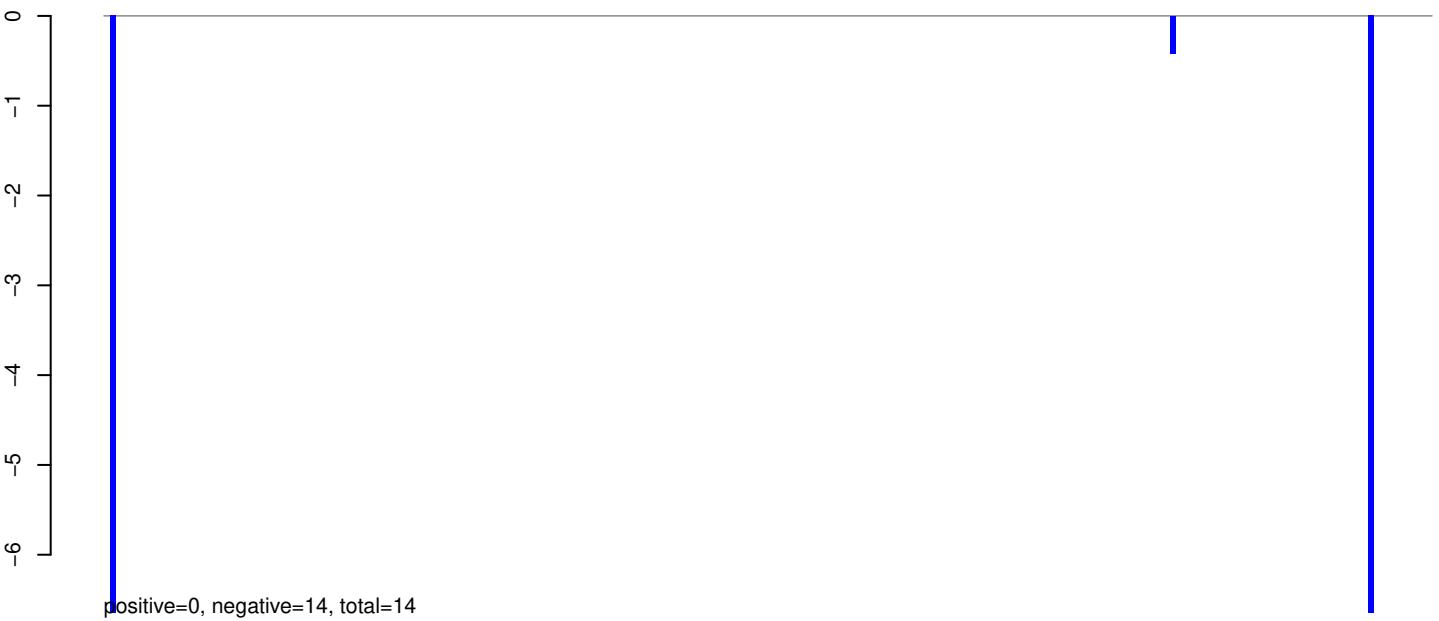
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



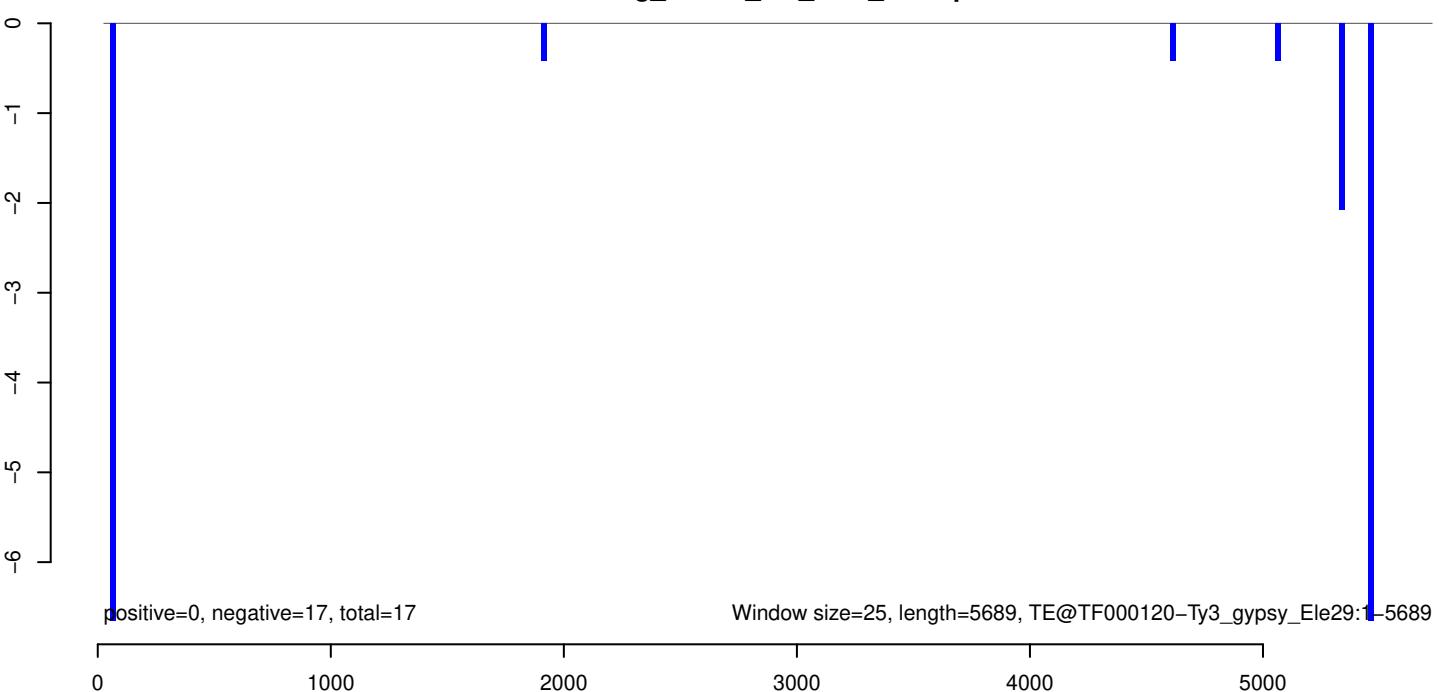
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



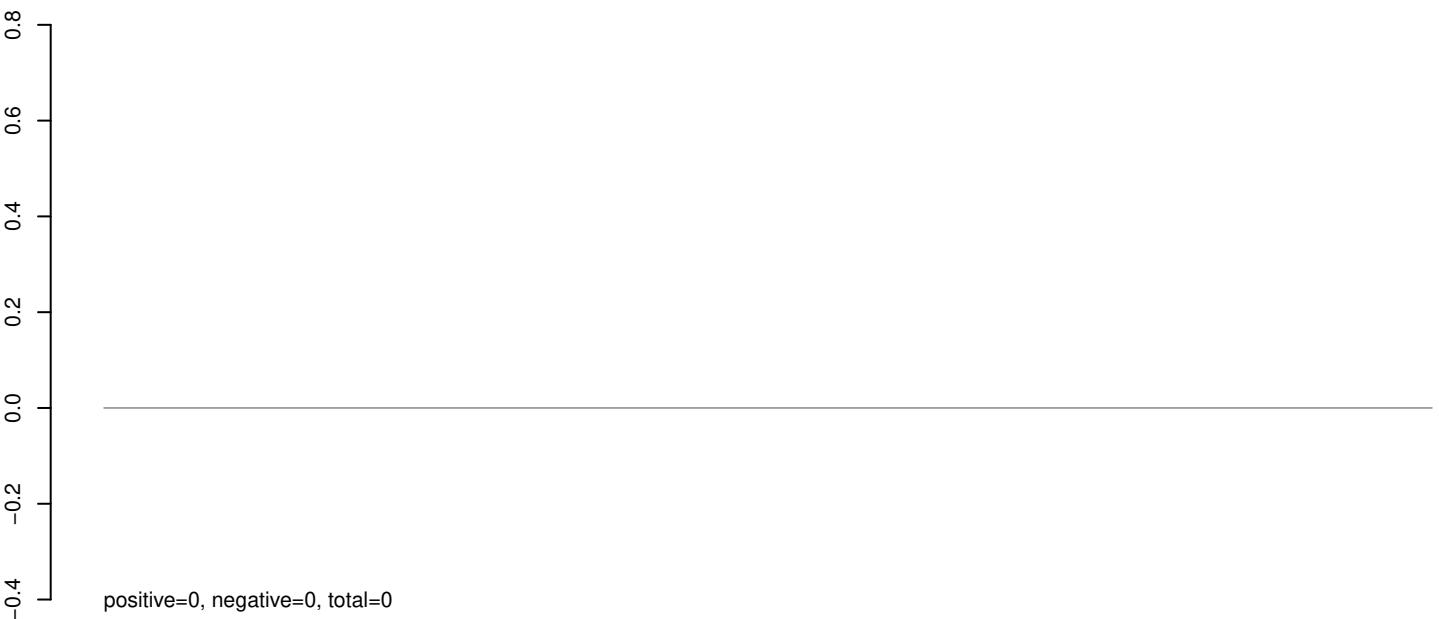
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



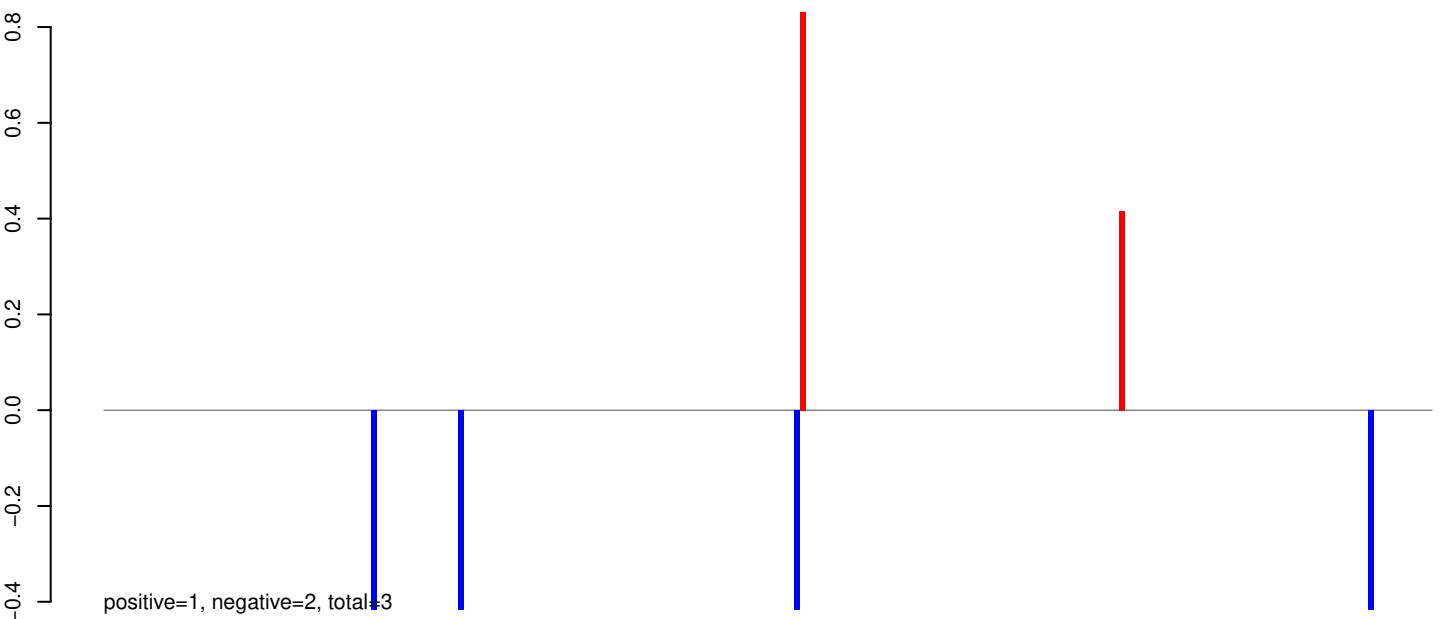
### AeAeg\_Whole\_sm\_r123\_JM.rep



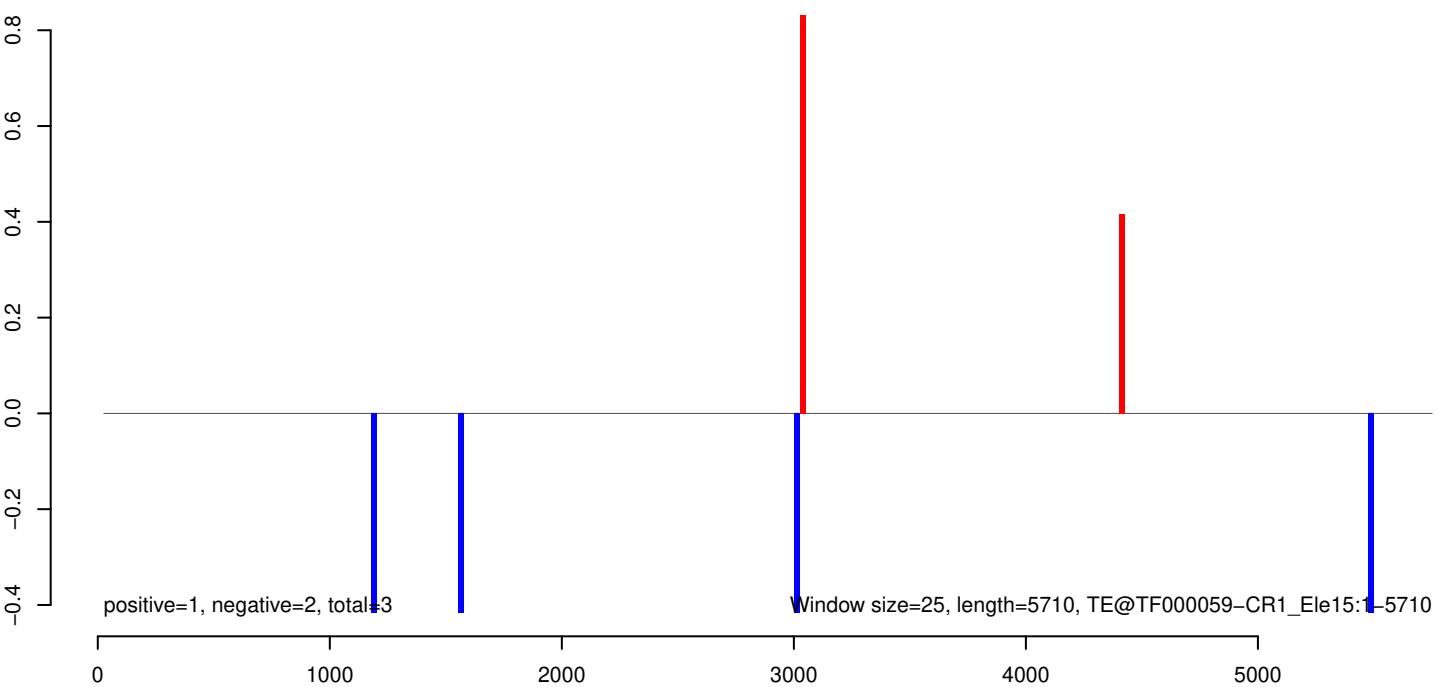
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



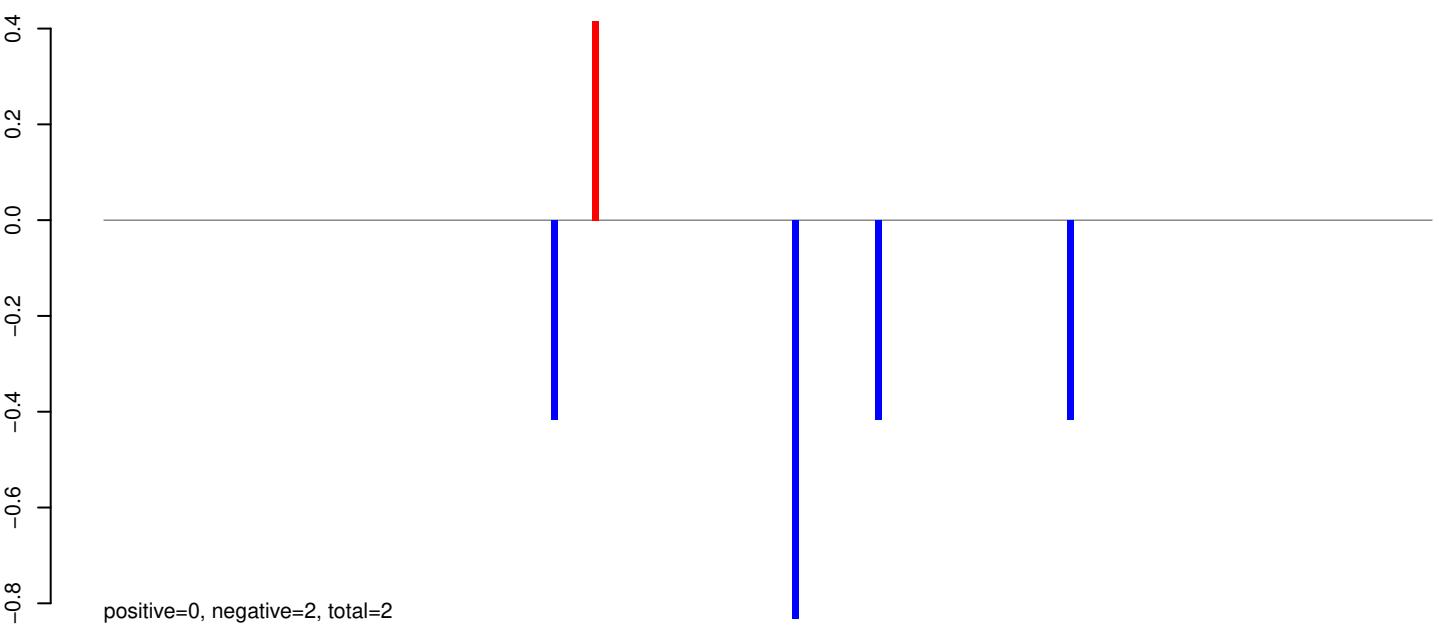
### AeAeg\_Whole\_sm\_r123\_JM.rep



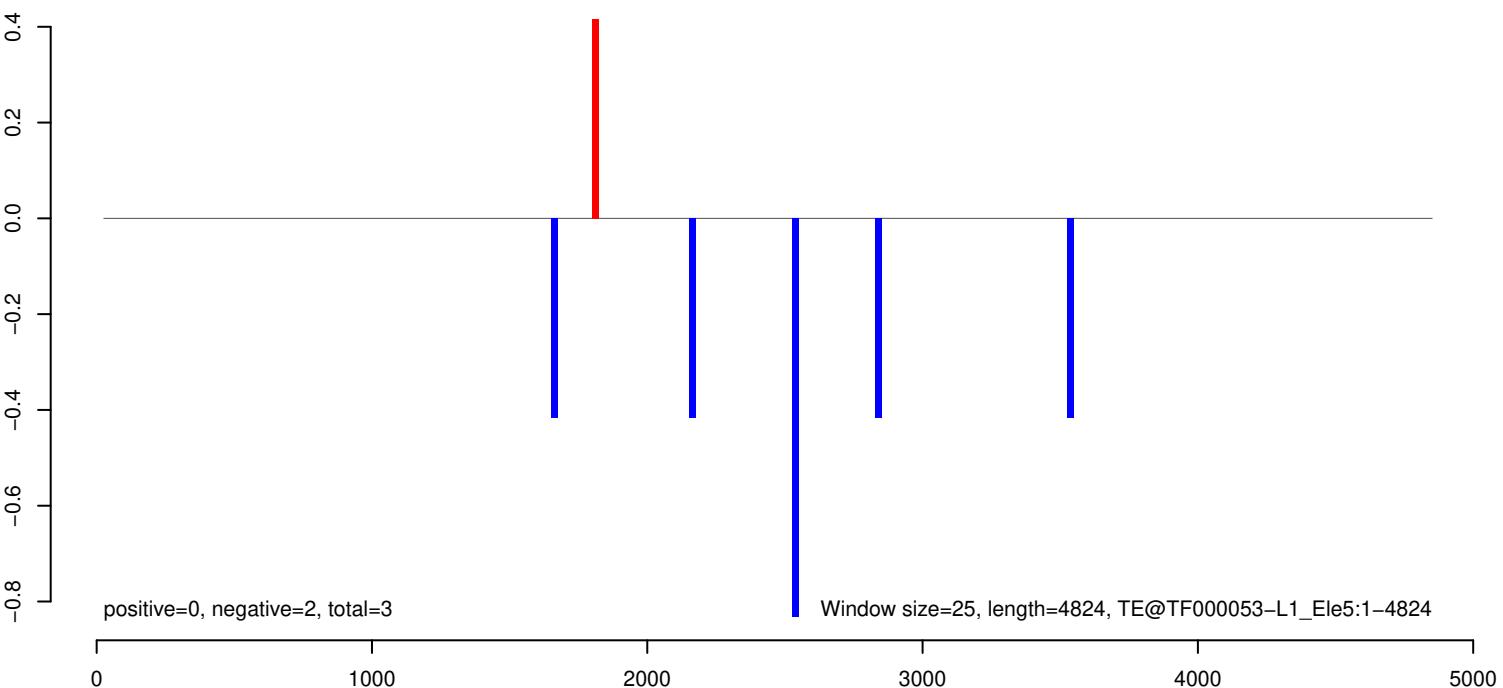
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



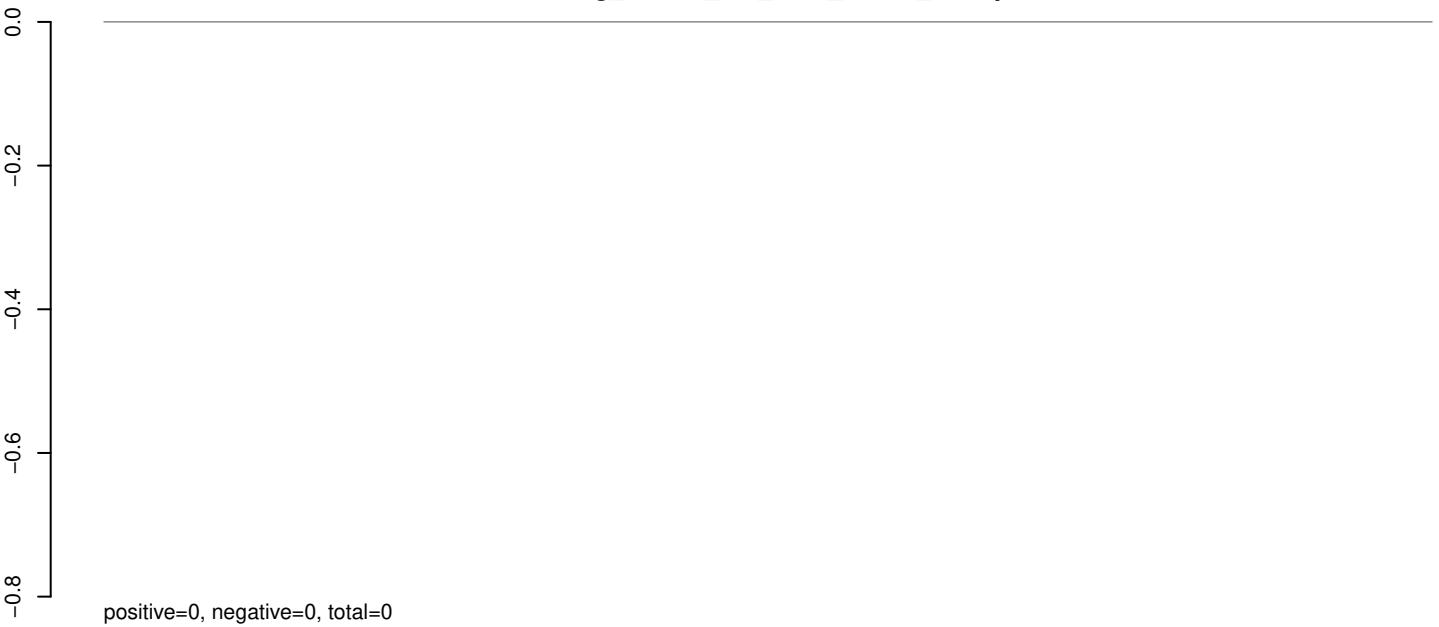
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



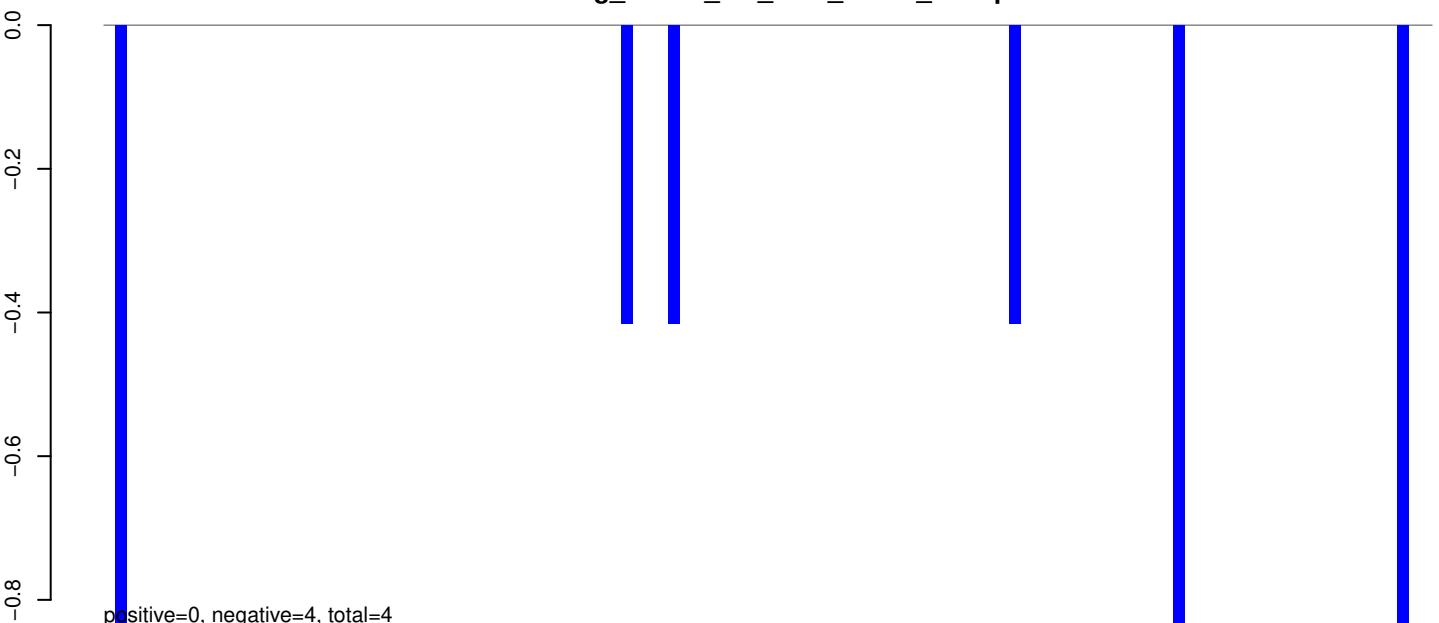
### AeAeg\_Whole\_sm\_r123\_JM.rep



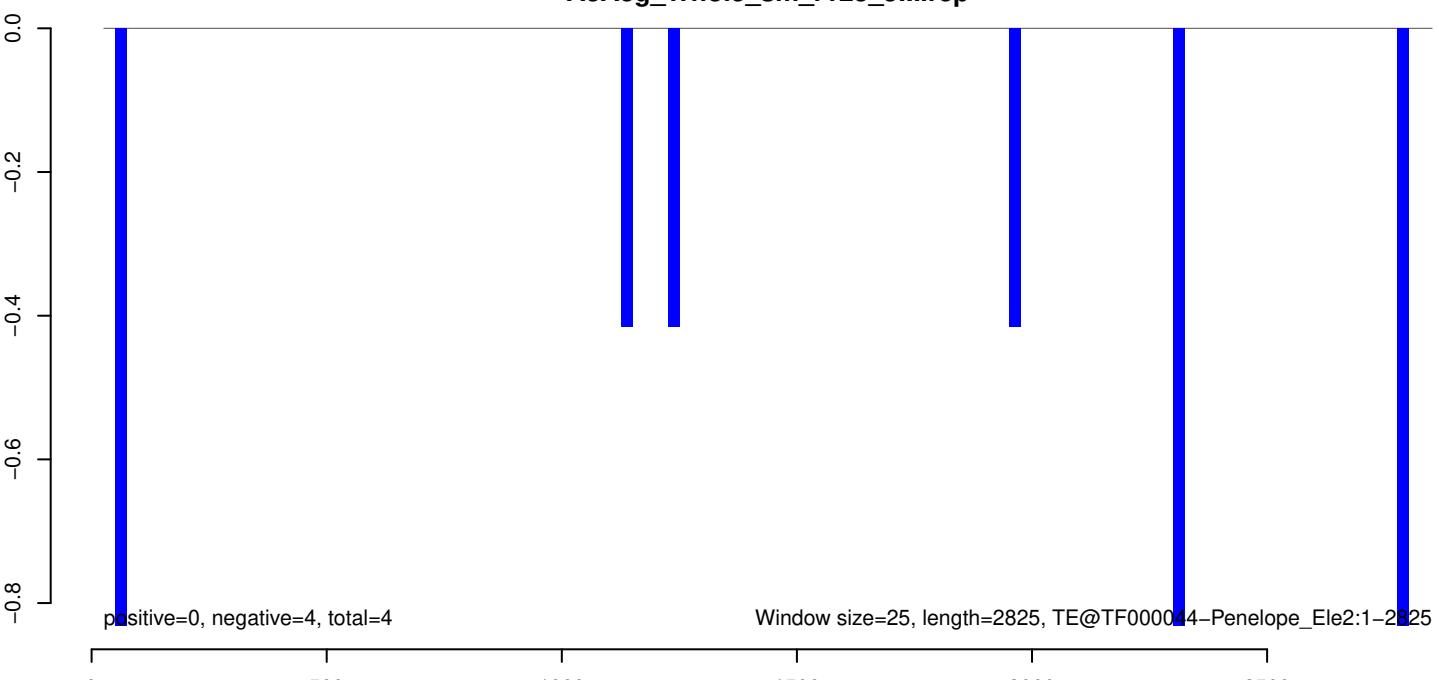
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



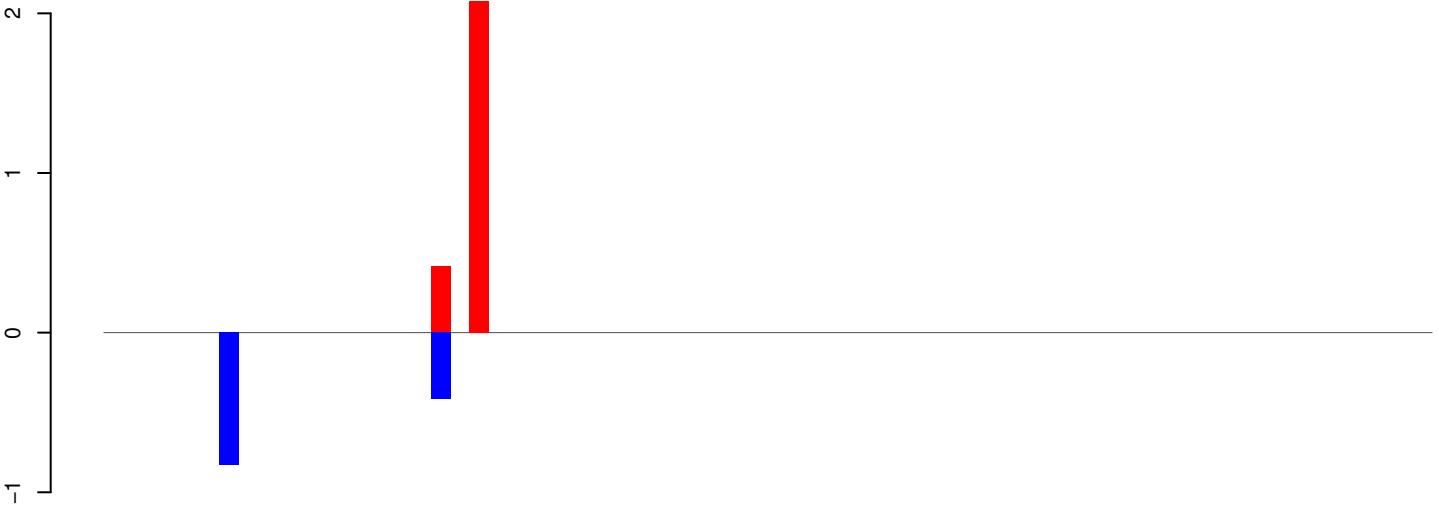
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

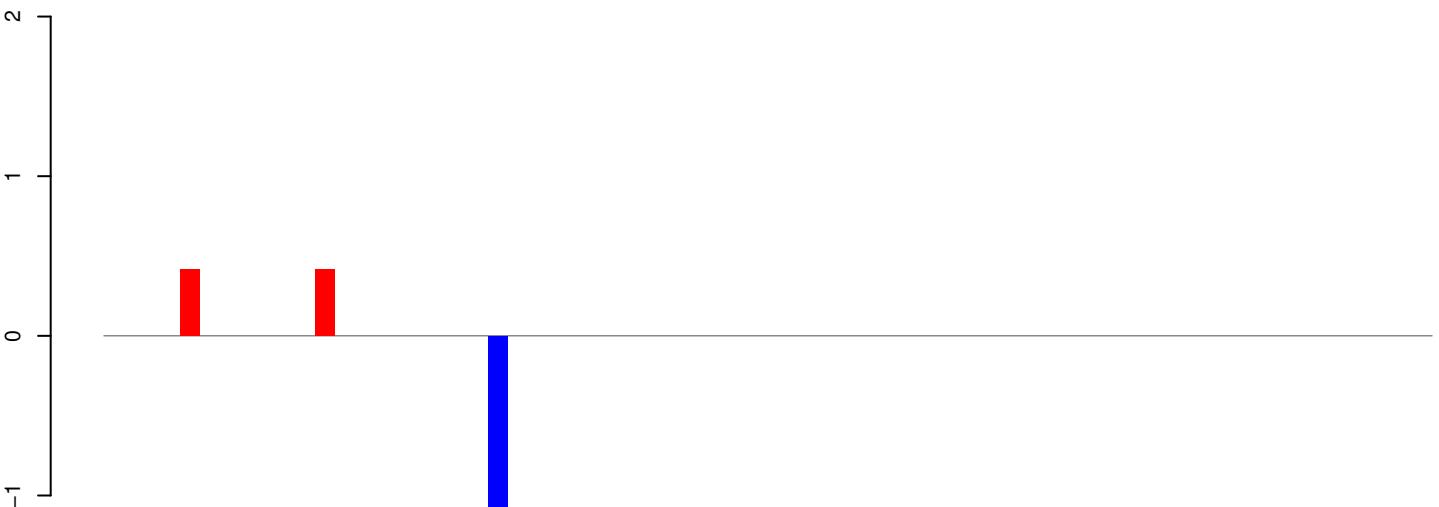


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



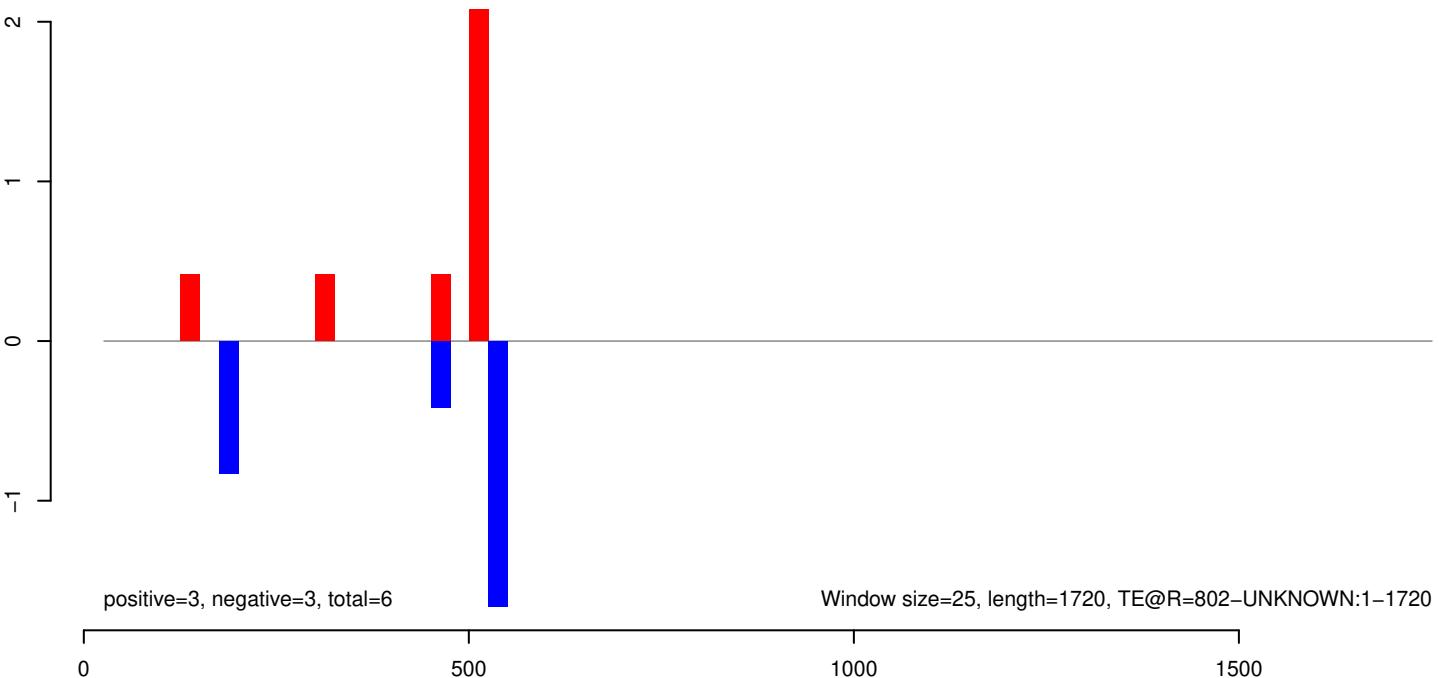
positive=2, negative=1, total=4

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

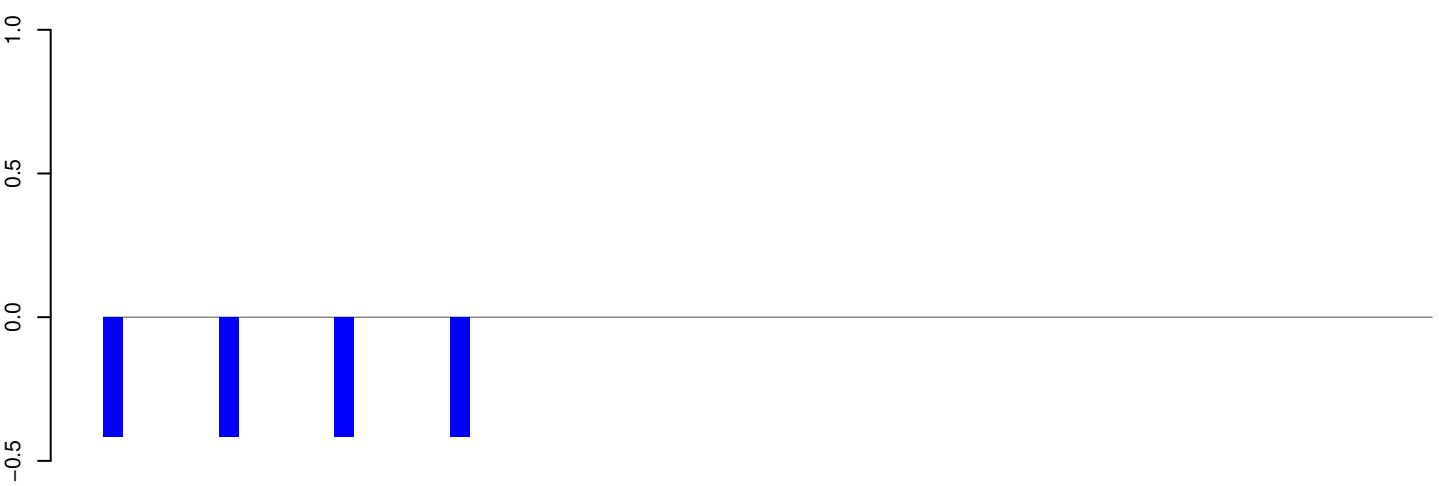


positive=1, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

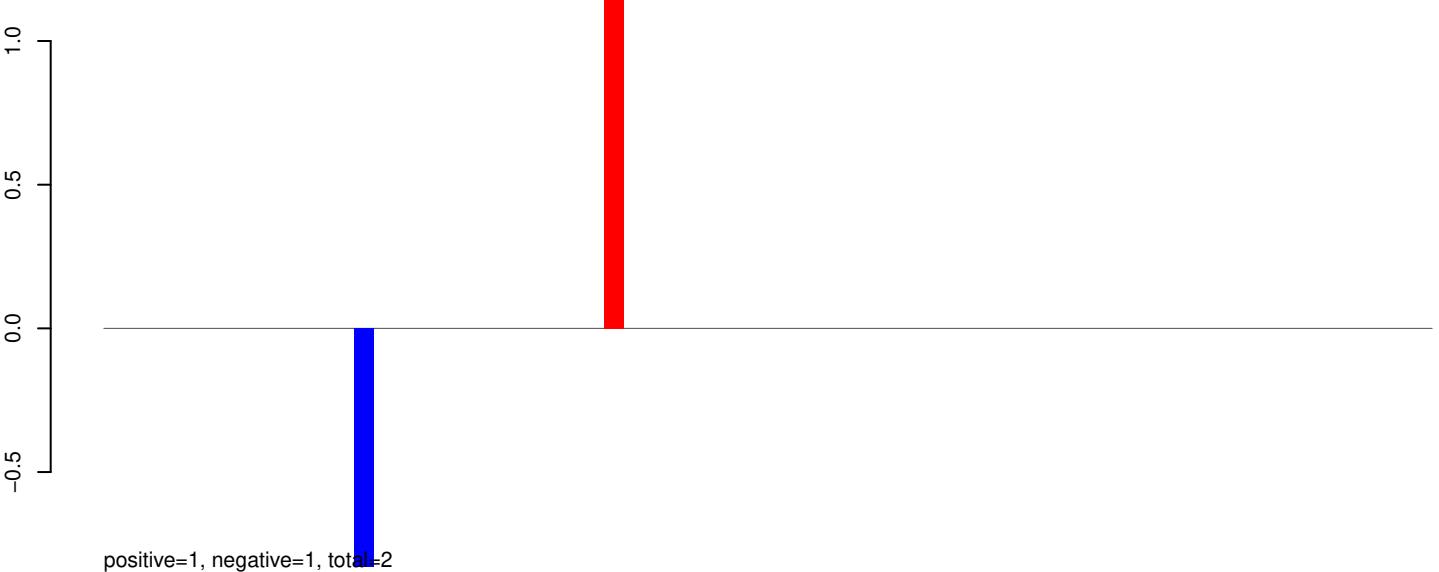


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



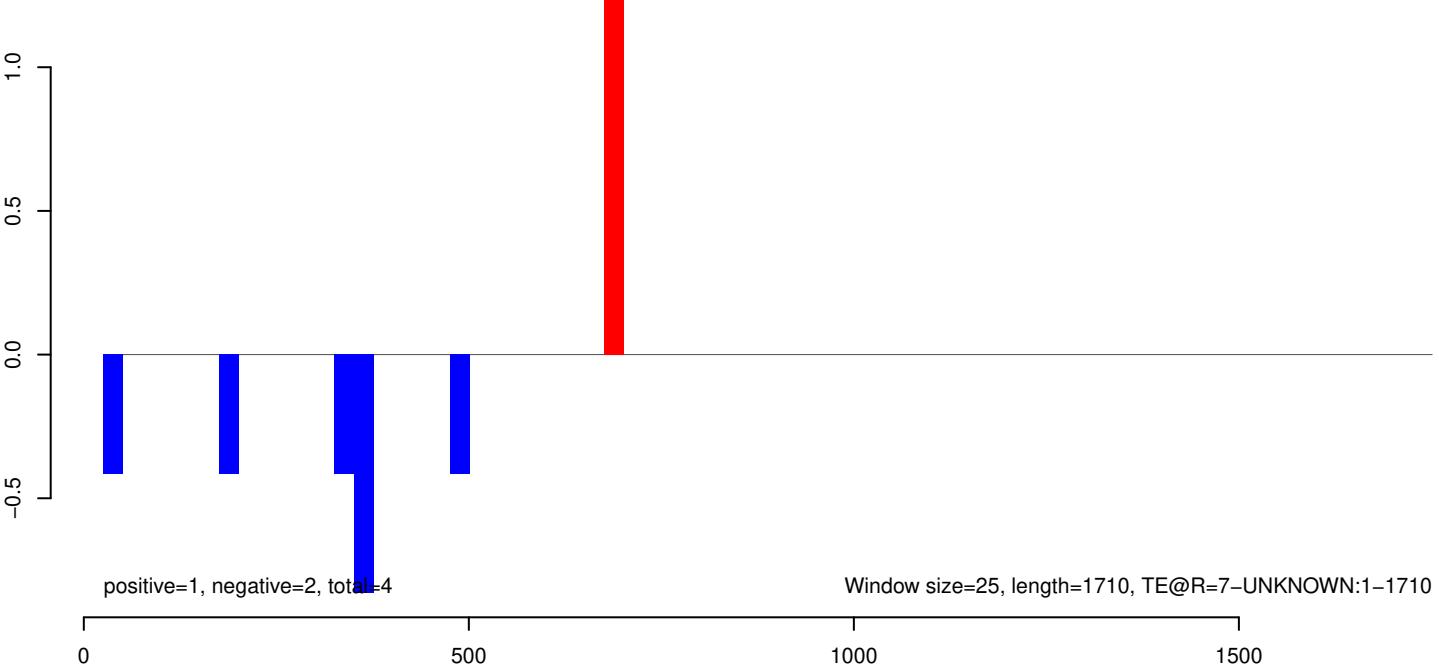
positive=0, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=1, negative=1, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=1, negative=2, total=4

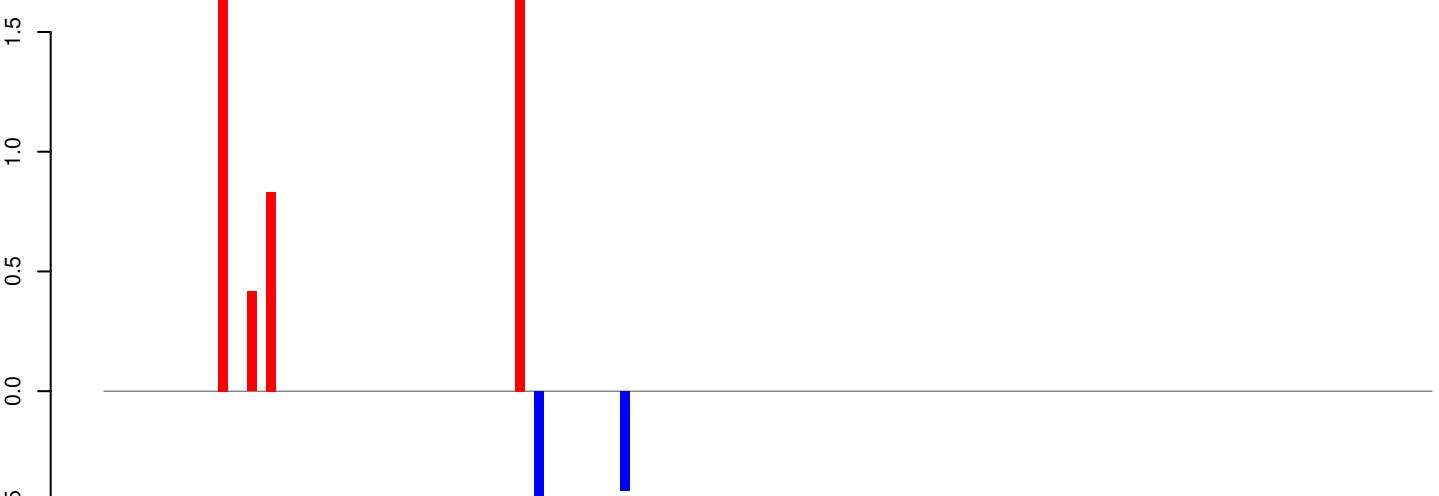
Window size=25, length=1710, TE@R=7-UNKNOWN:1-1710

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



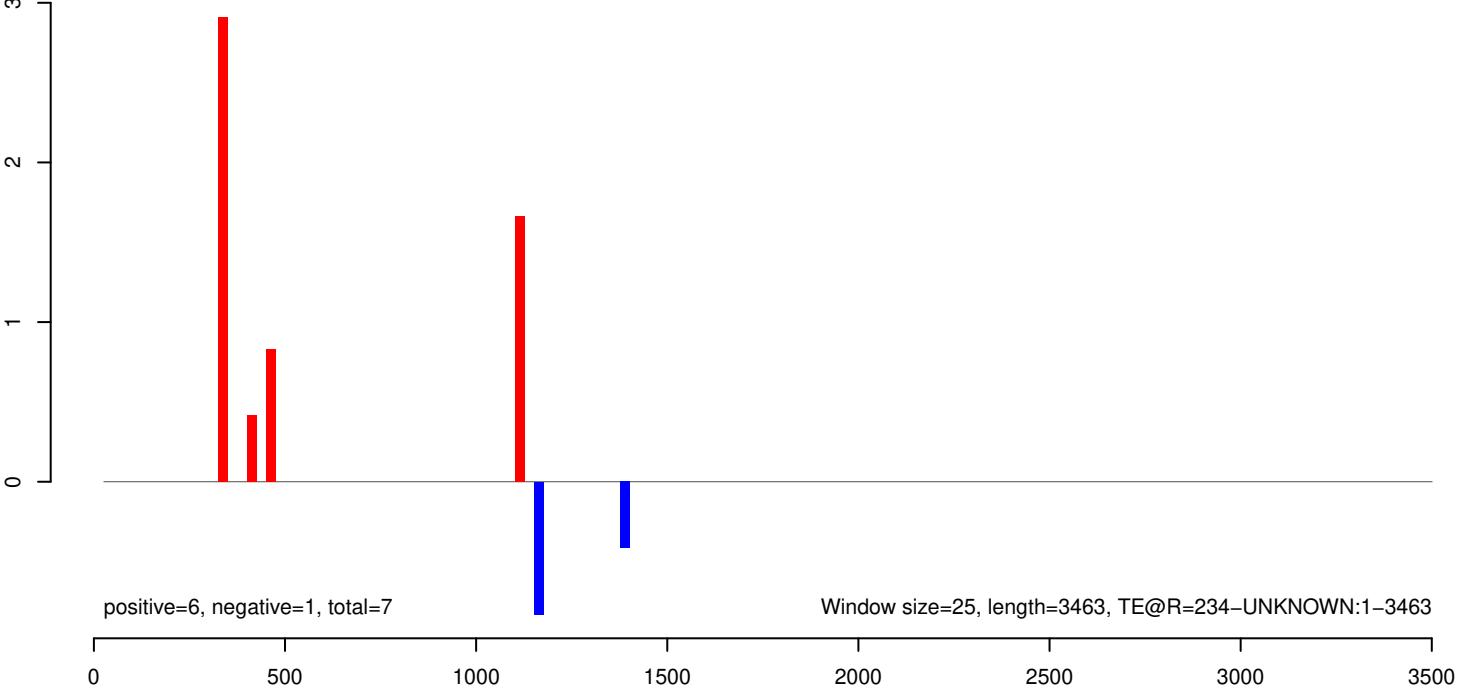
positive=1, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=5, negative=1, total=6

**AeAeg\_Whole\_sm\_r123\_JM.rep**



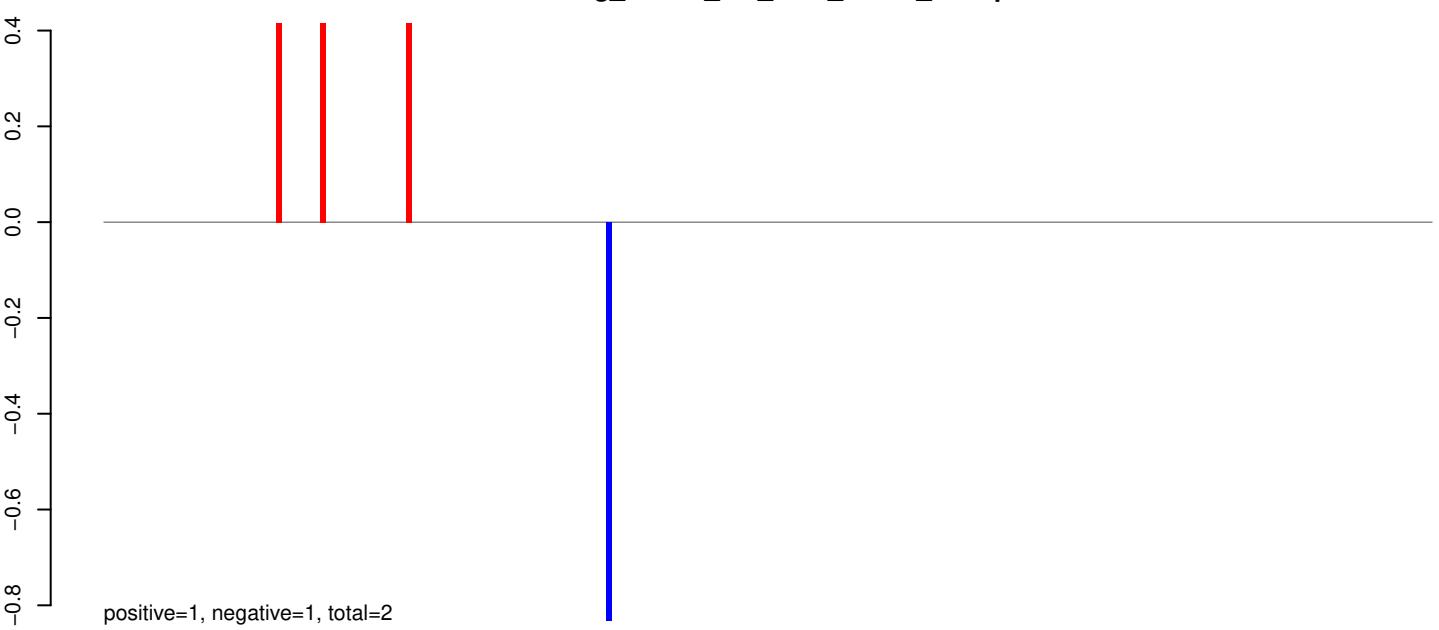
positive=6, negative=1, total=7

Window size=25, length=3463, TE@R=234-UNKNOWN:1-3463

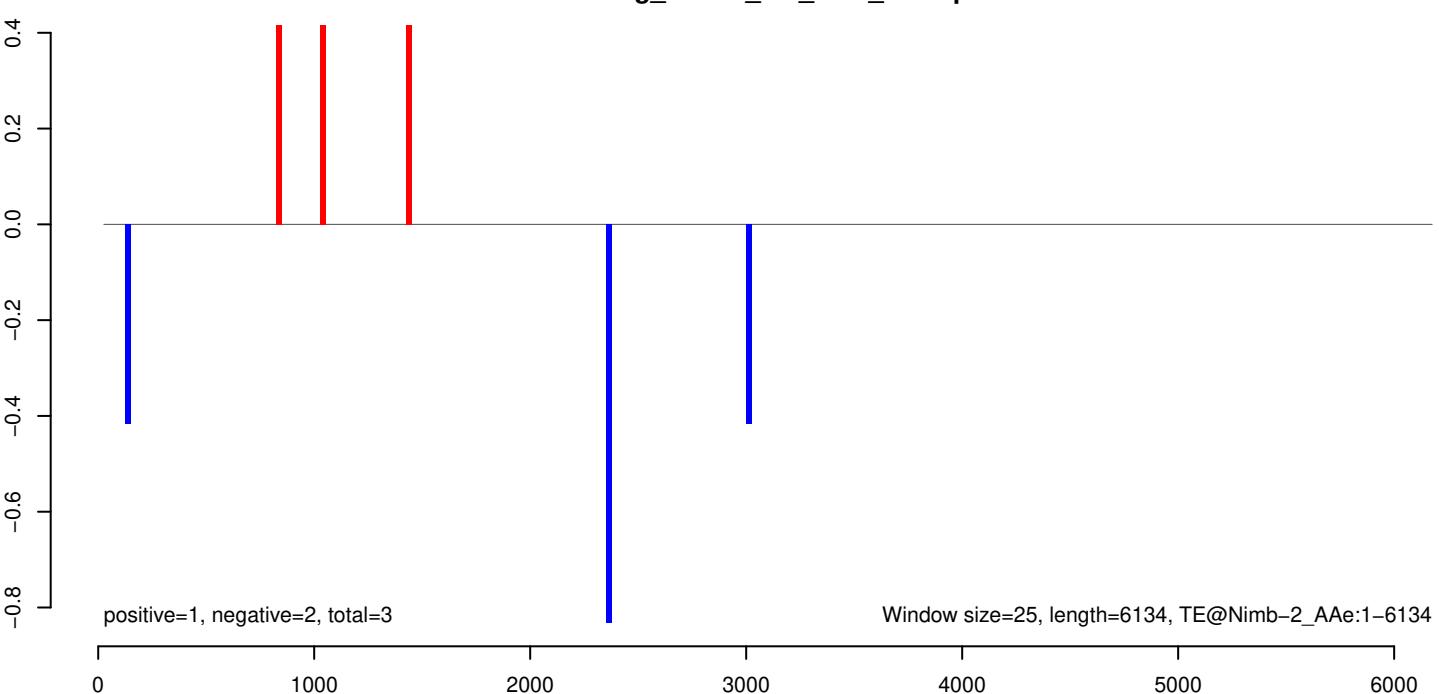
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



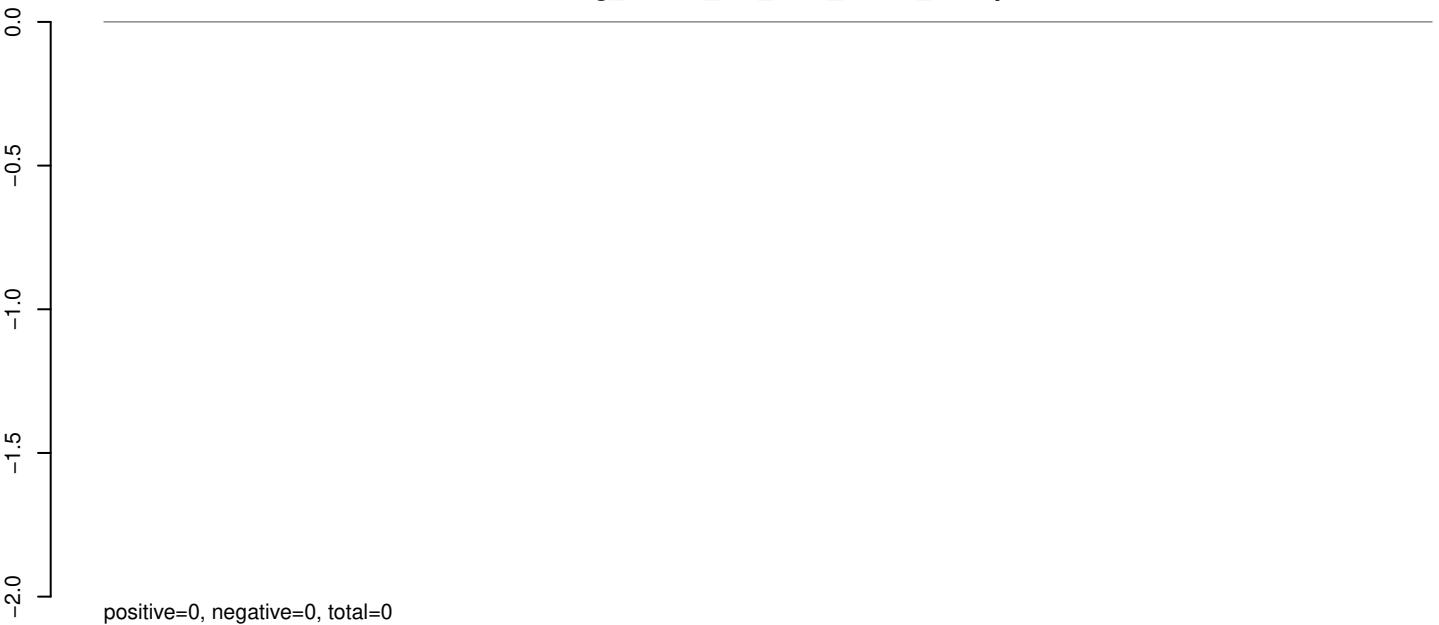
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



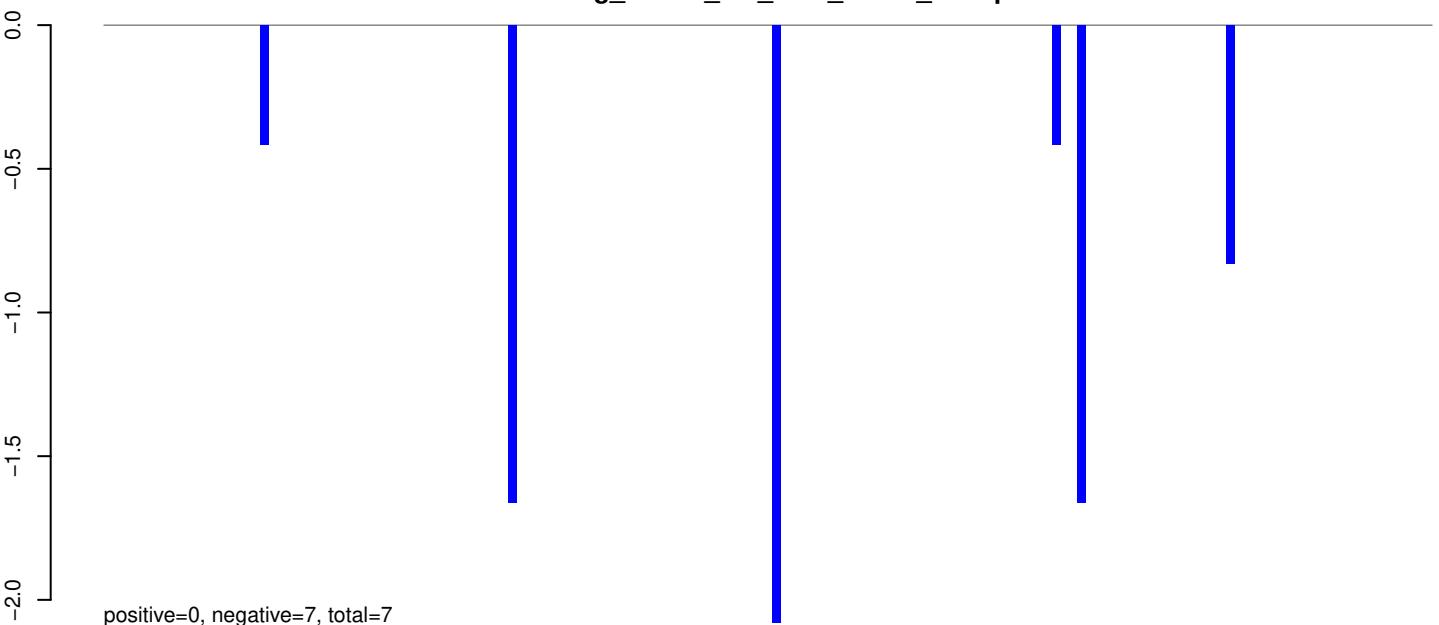
### AeAeg\_Whole\_sm\_r123\_JM.rep



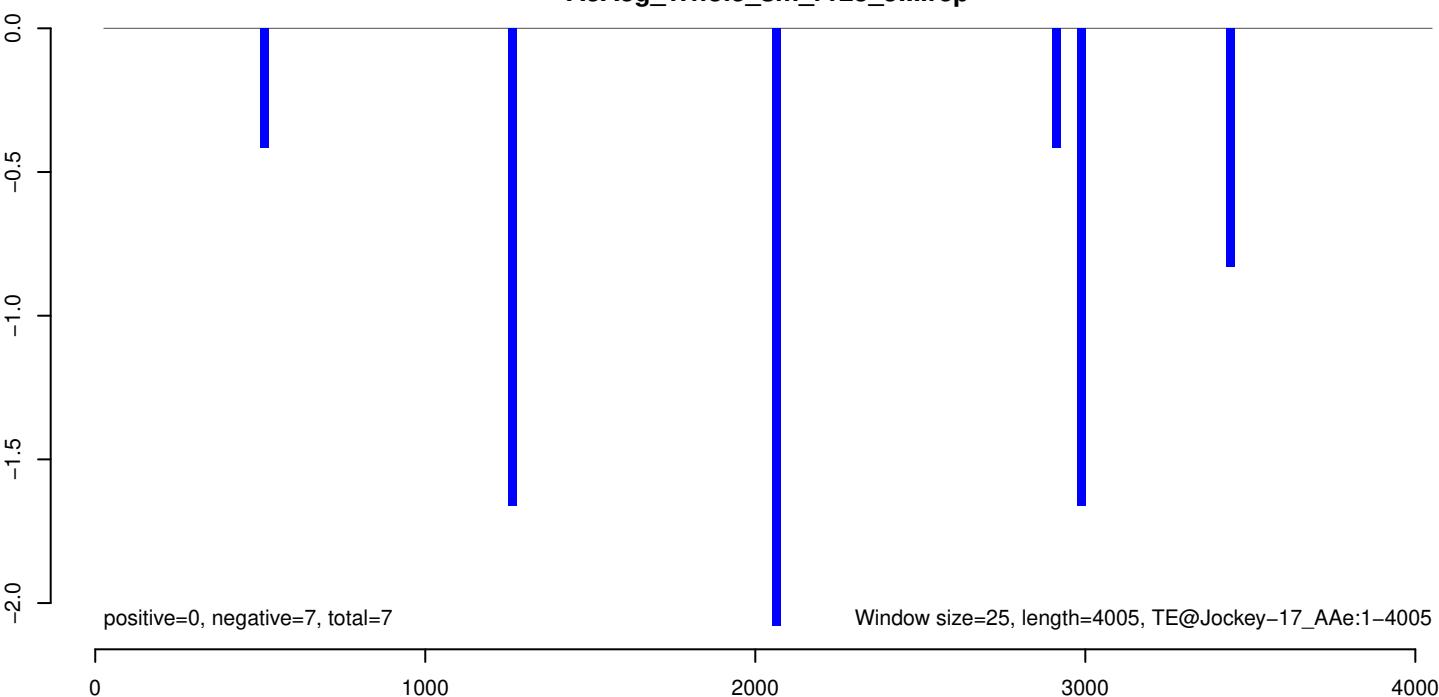
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



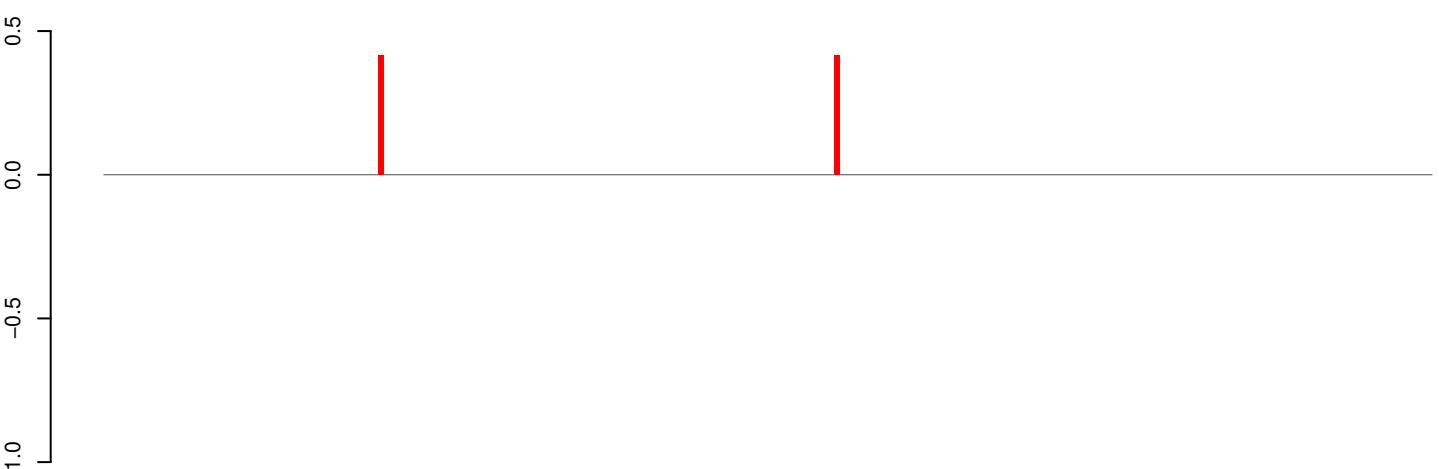
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

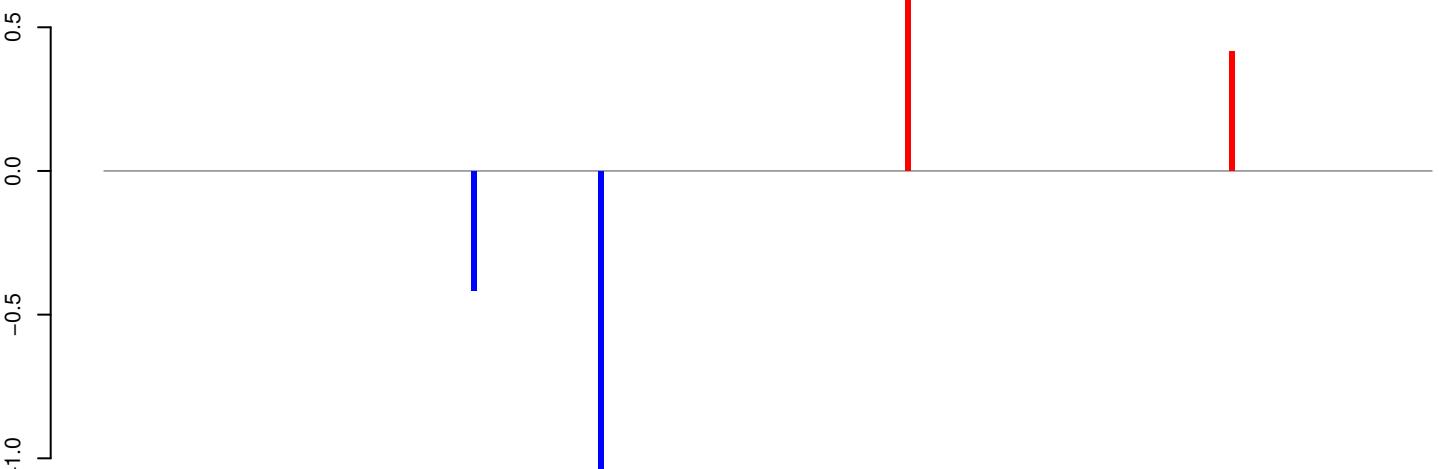


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



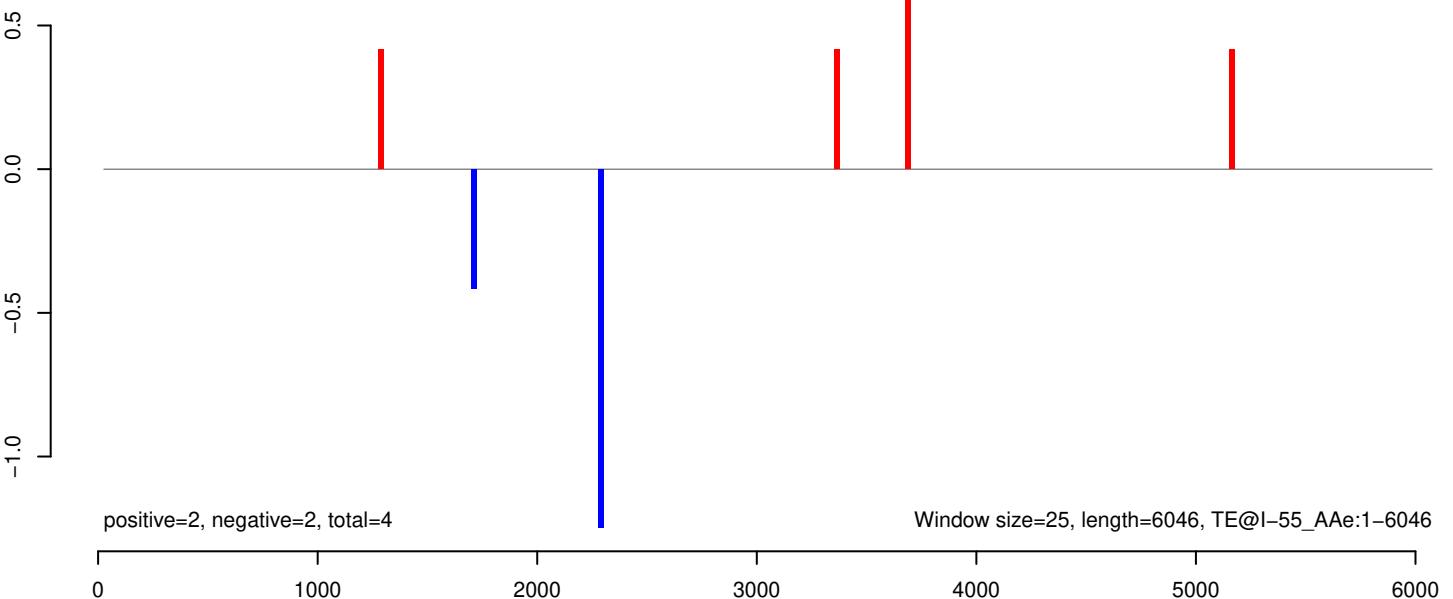
positive=1, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

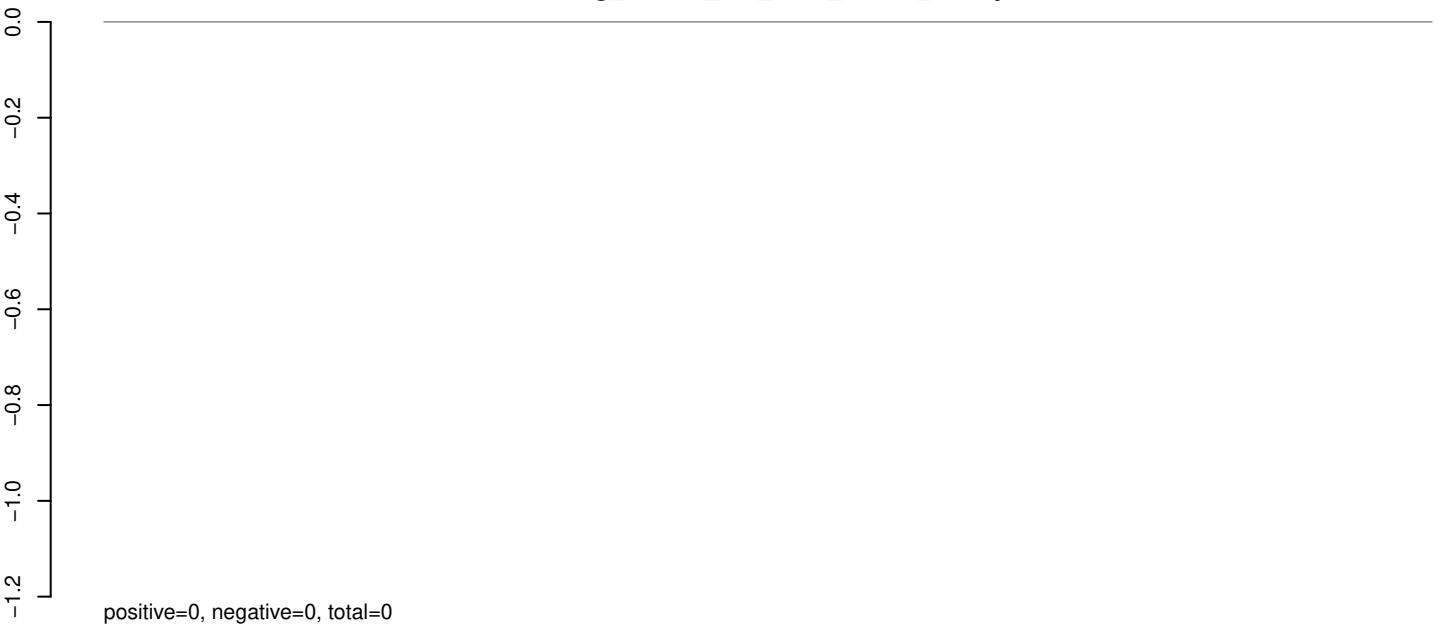


positive=1, negative=2, total=3

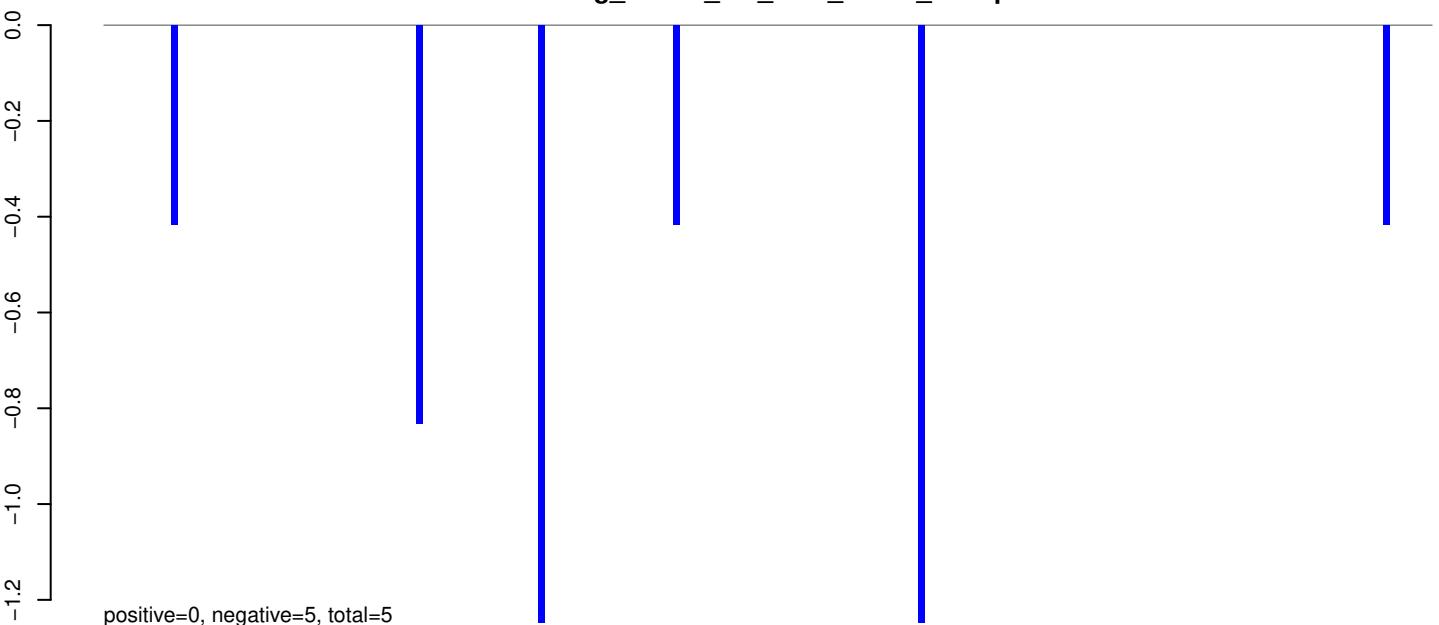
**AeAeg\_Whole\_sm\_r123\_JM.rep**



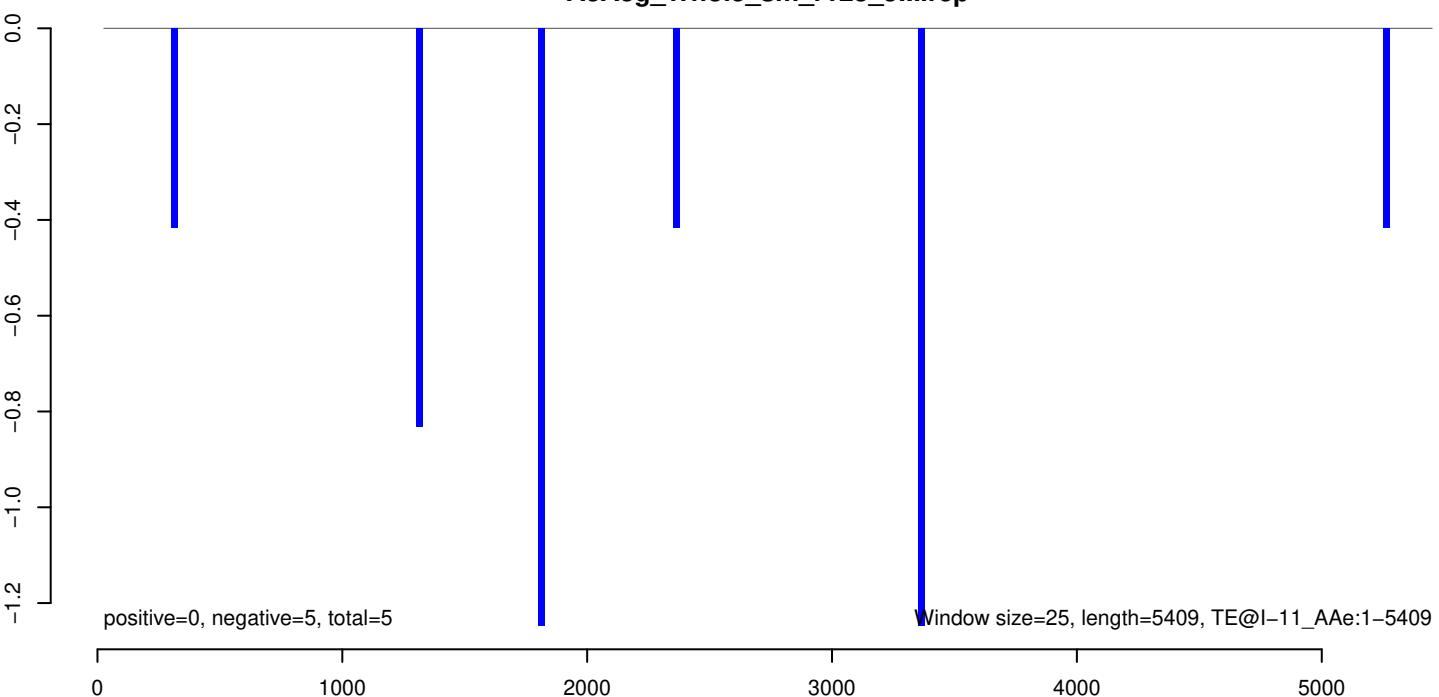
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



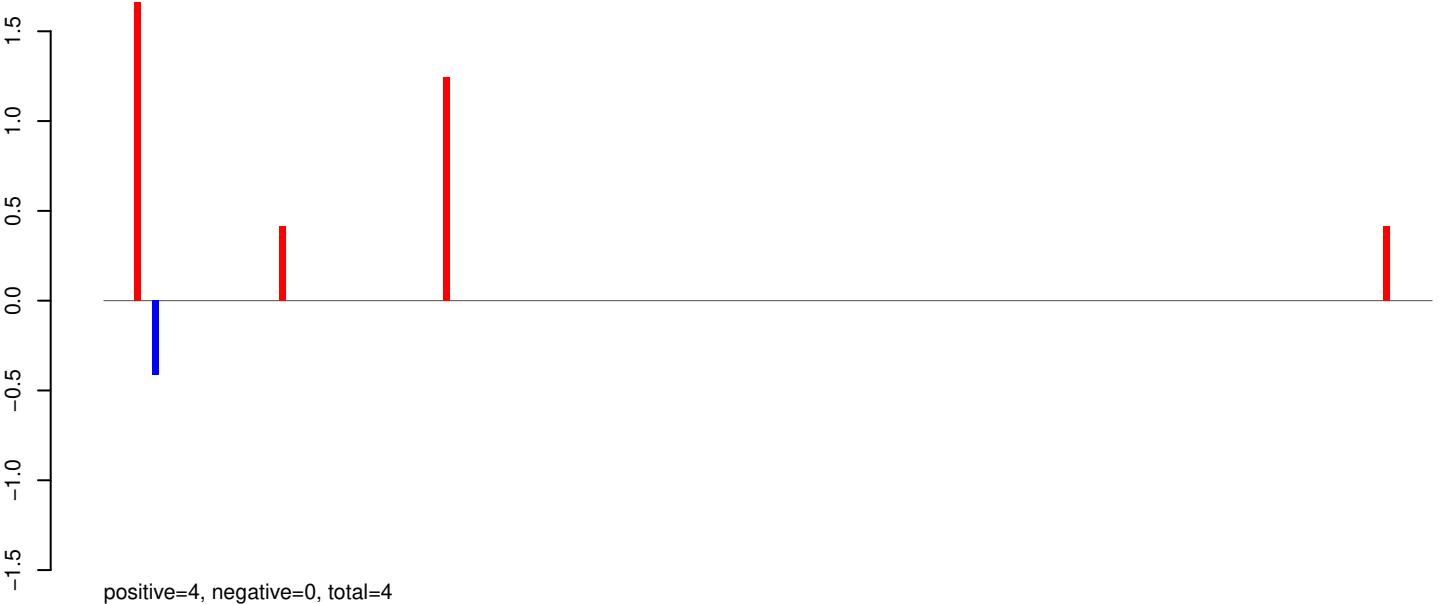
### AeAeg\_Whole\_sm\_r123\_JM.rep



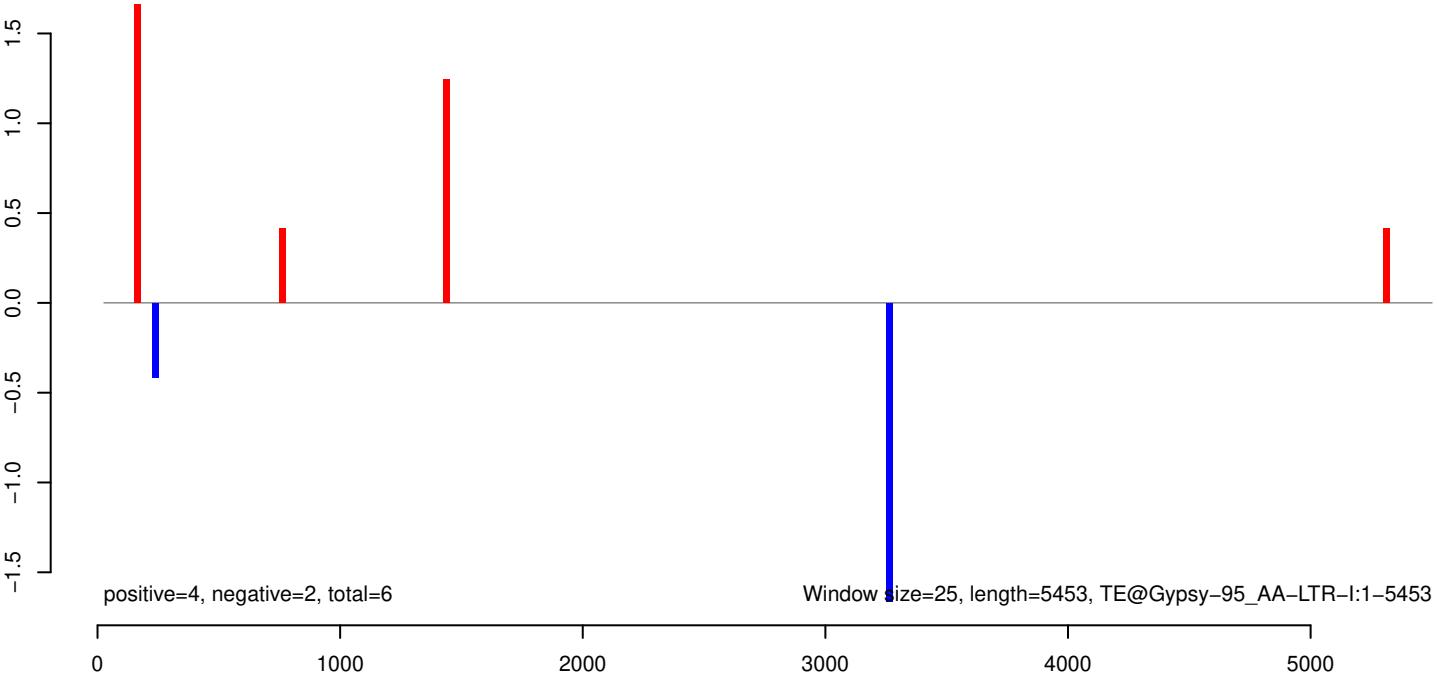
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



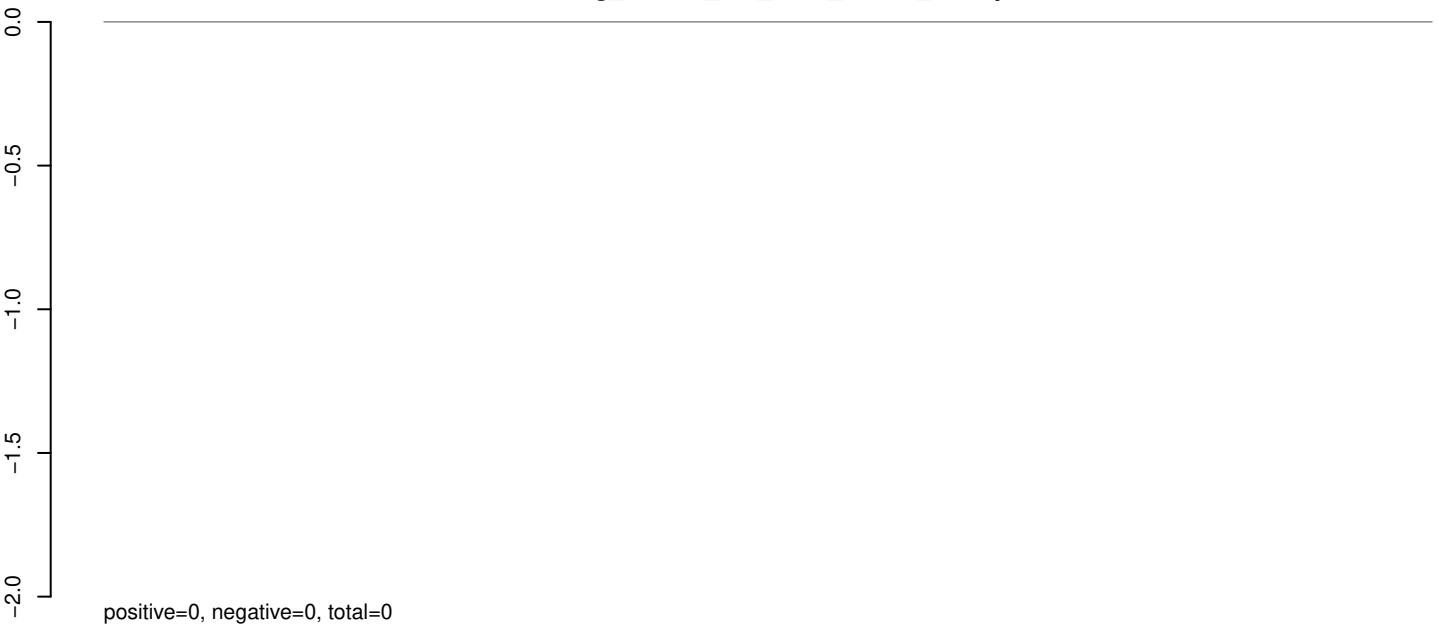
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



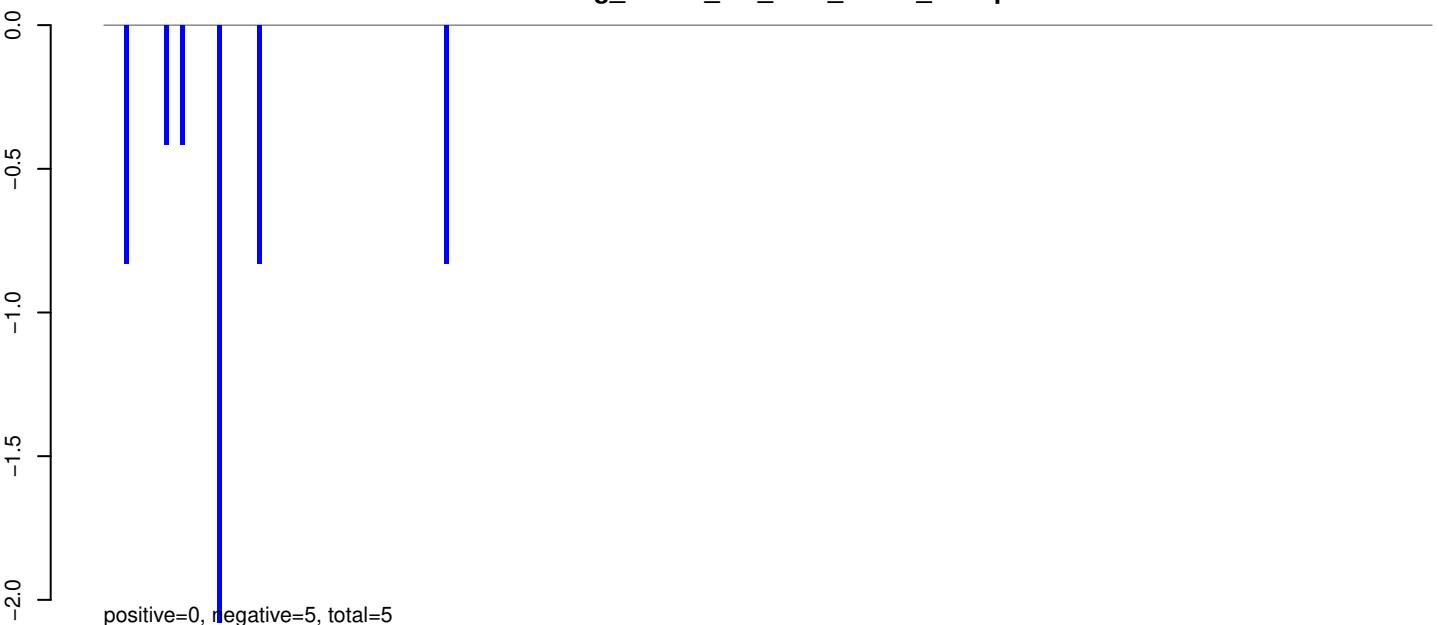
### AeAeg\_Whole\_sm\_r123\_JM.rep



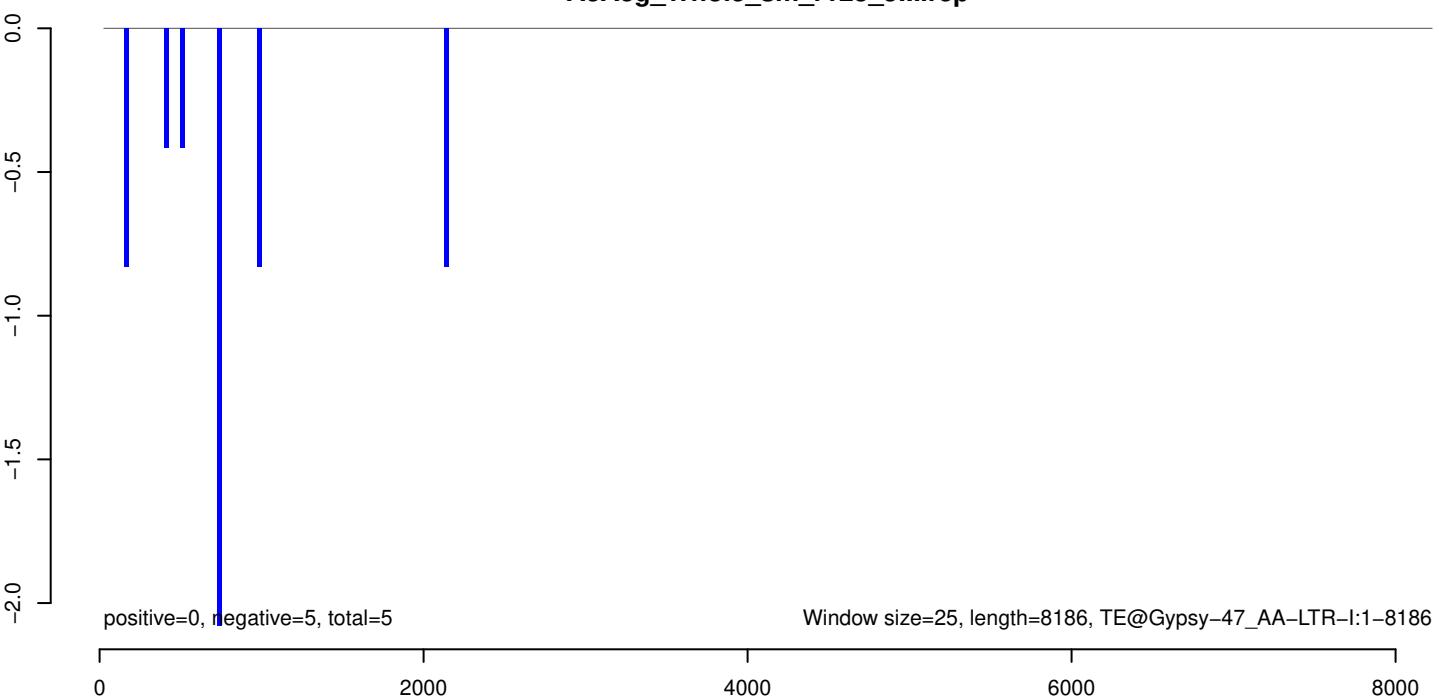
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

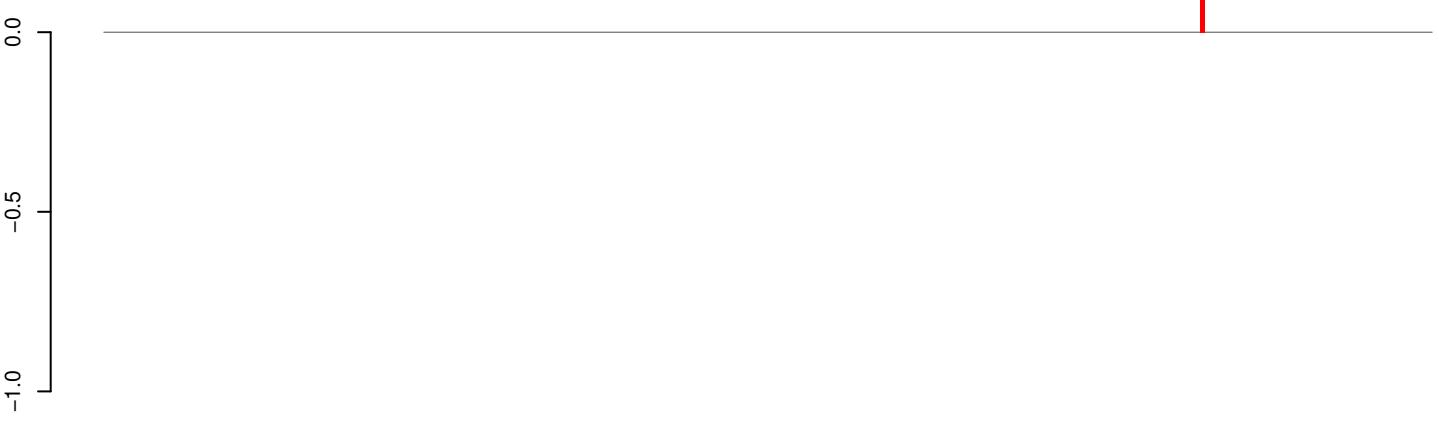


### AeAeg\_Whole\_sm\_r123\_JM.rep



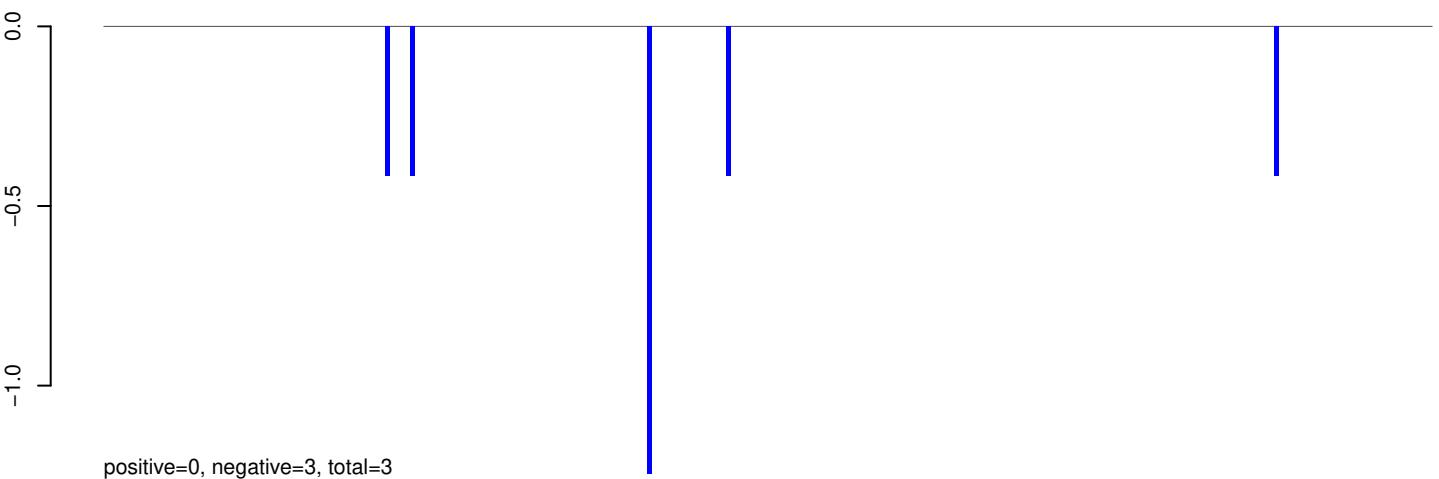
0 2000 4000 6000 8000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



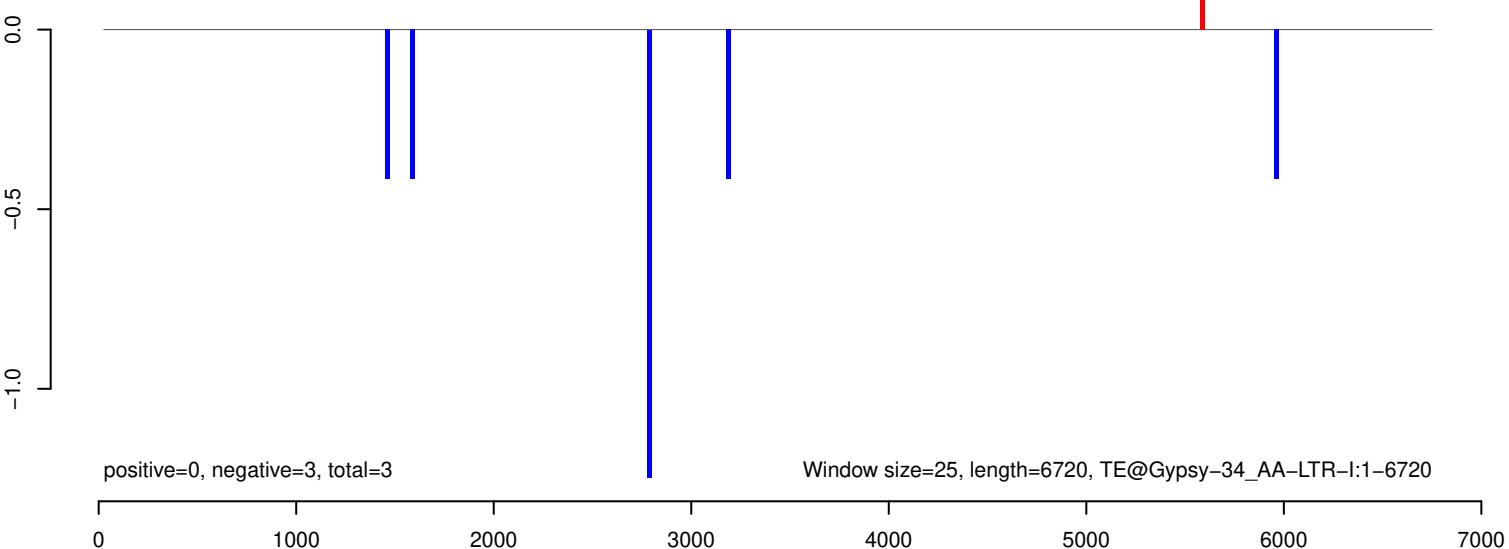
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=3, total=3

**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=2, negative=1, total=3

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=2, negative=1, total=3

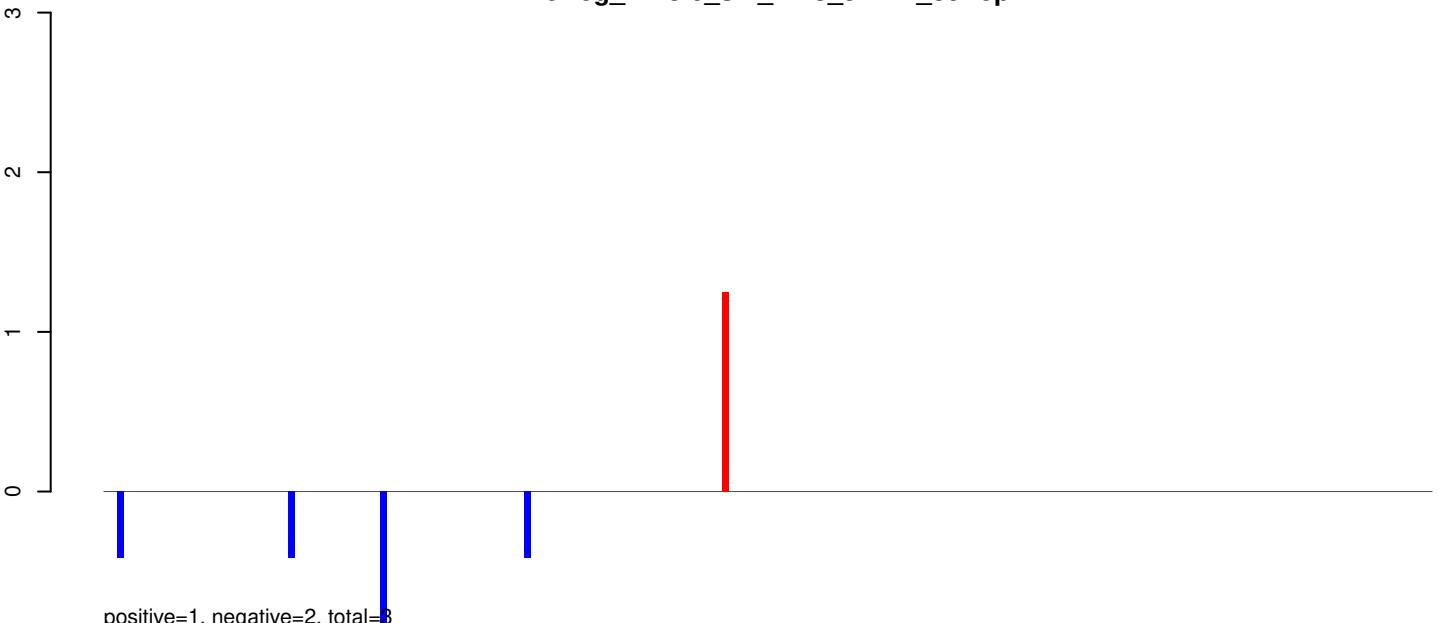
Window size=25, length=6351, TE@Gypsy-31\_AA-LTR-I:1-6351

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



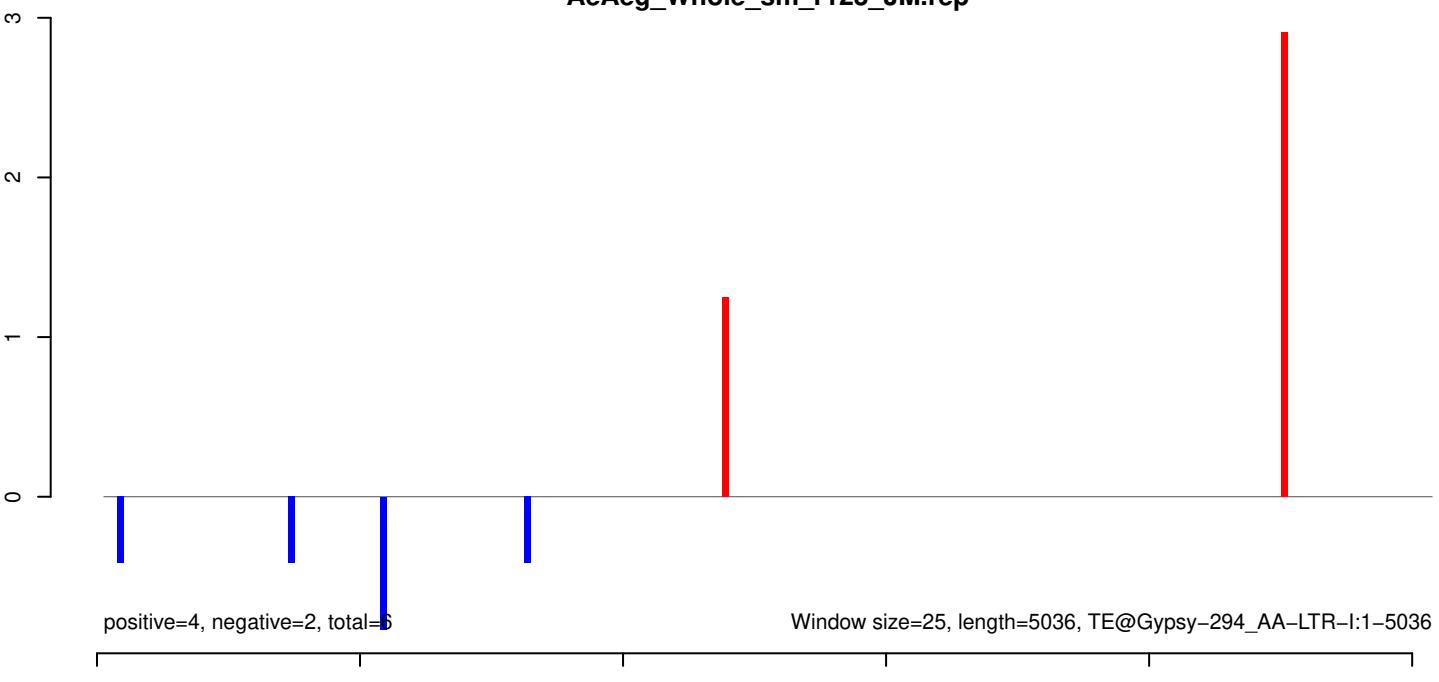
positive=3, negative=0, total=3

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=1, negative=2, total=3

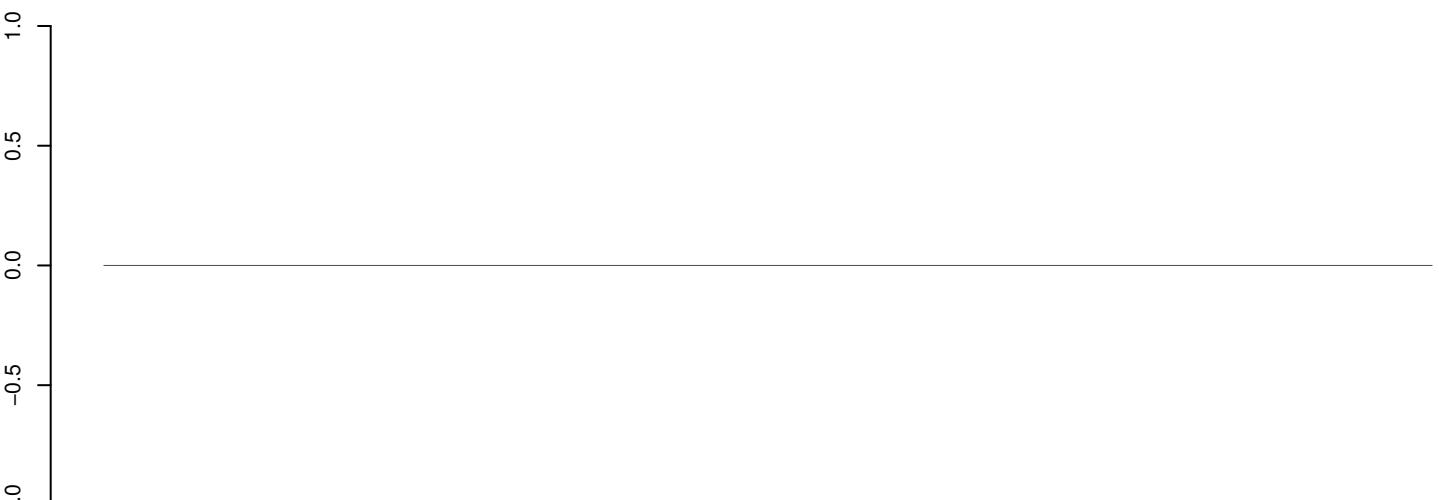
### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=4, negative=2, total=6

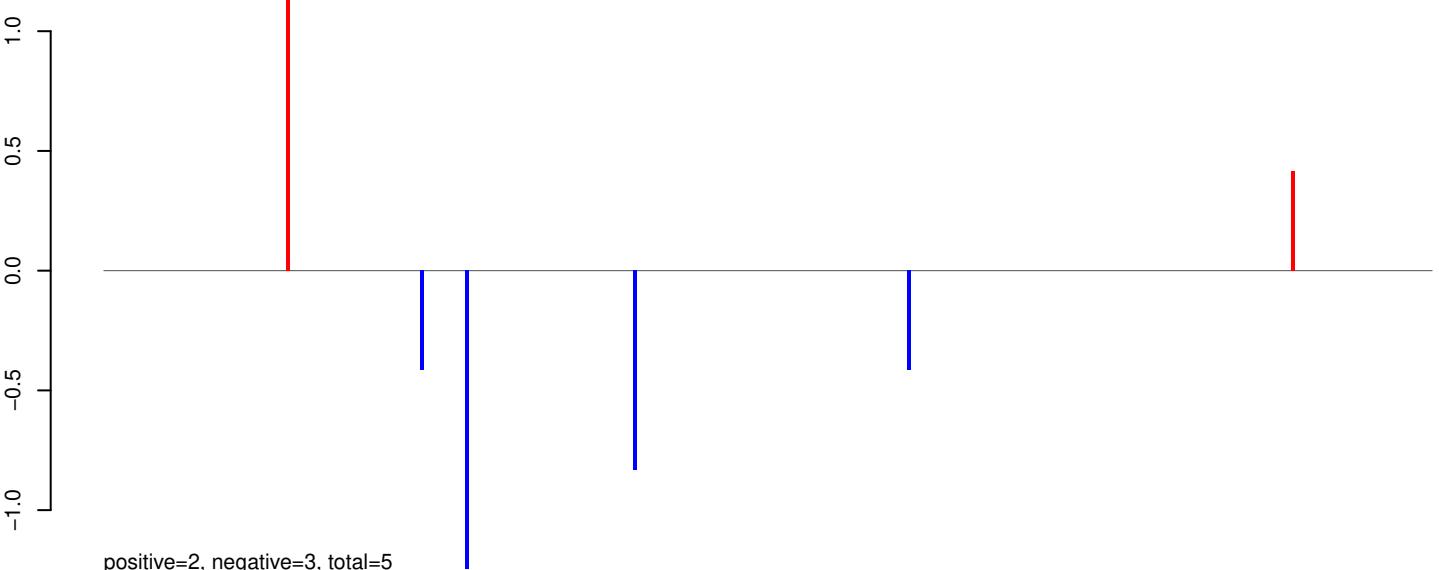
Window size=25, length=5036, TE@Gypsy-294\_AA-LTR-I:1-5036

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



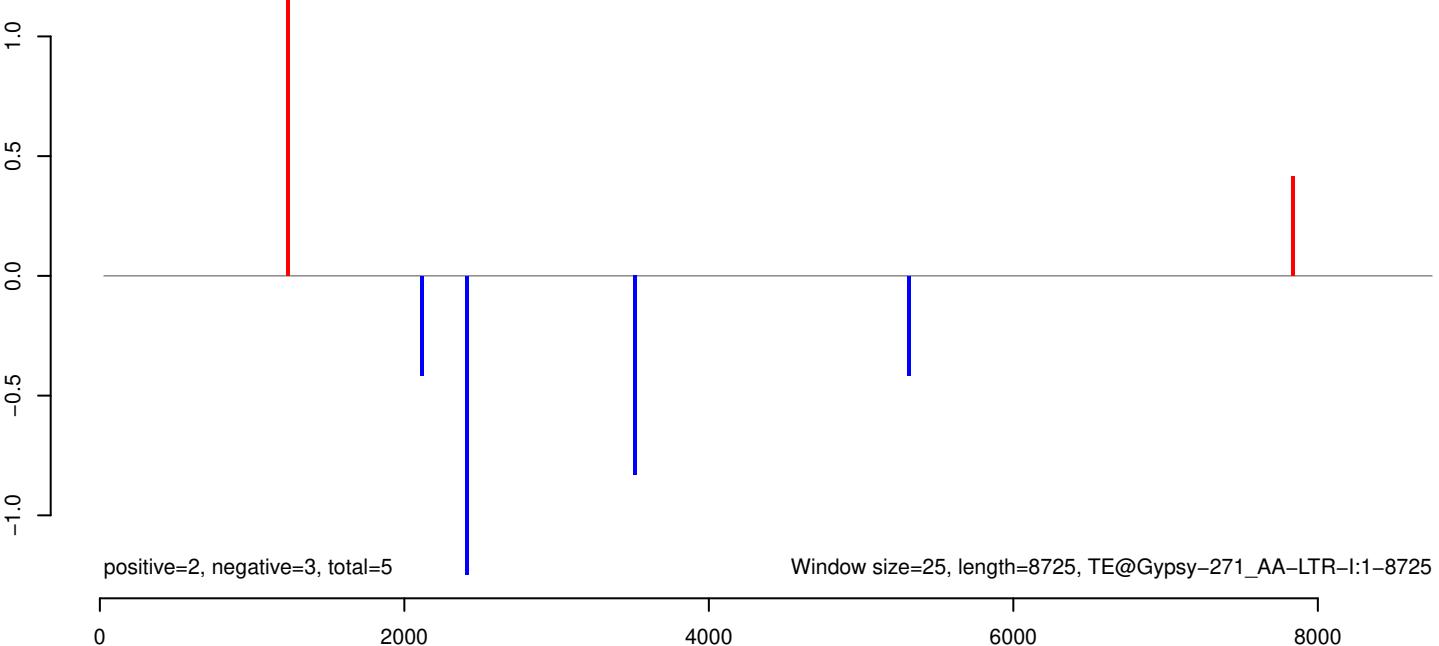
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=3, total=5

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=2, negative=3, total=5

Window size=25, length=8725, TE@Gypsy-271\_AA-LTR-I:1-8725

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

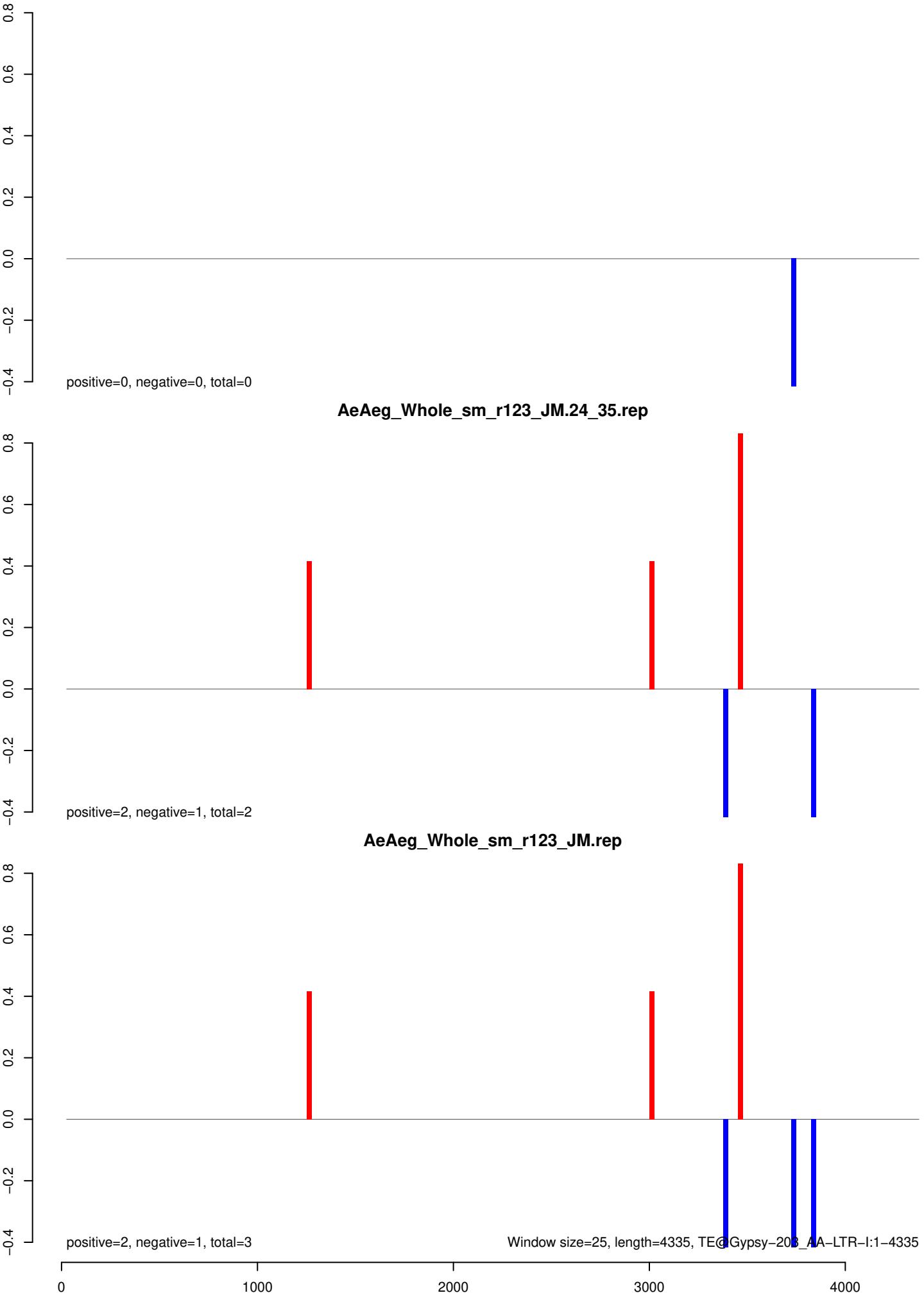
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=2, negative=1, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=2, negative=1, total=3

Window size=25, length=4335, TE@Gypsy-200\_AA-LTR-I:1-4335



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

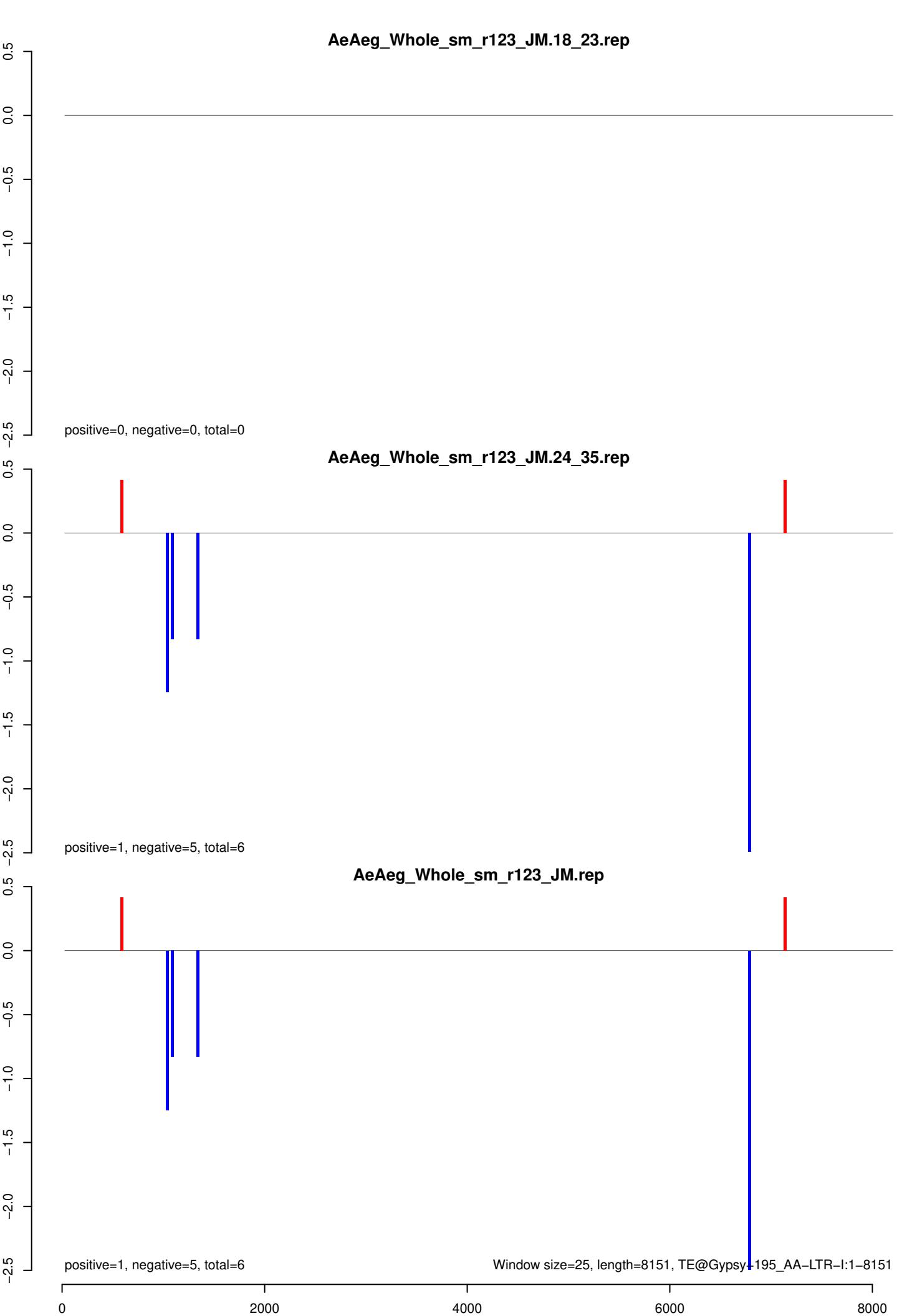
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=1, negative=5, total=6

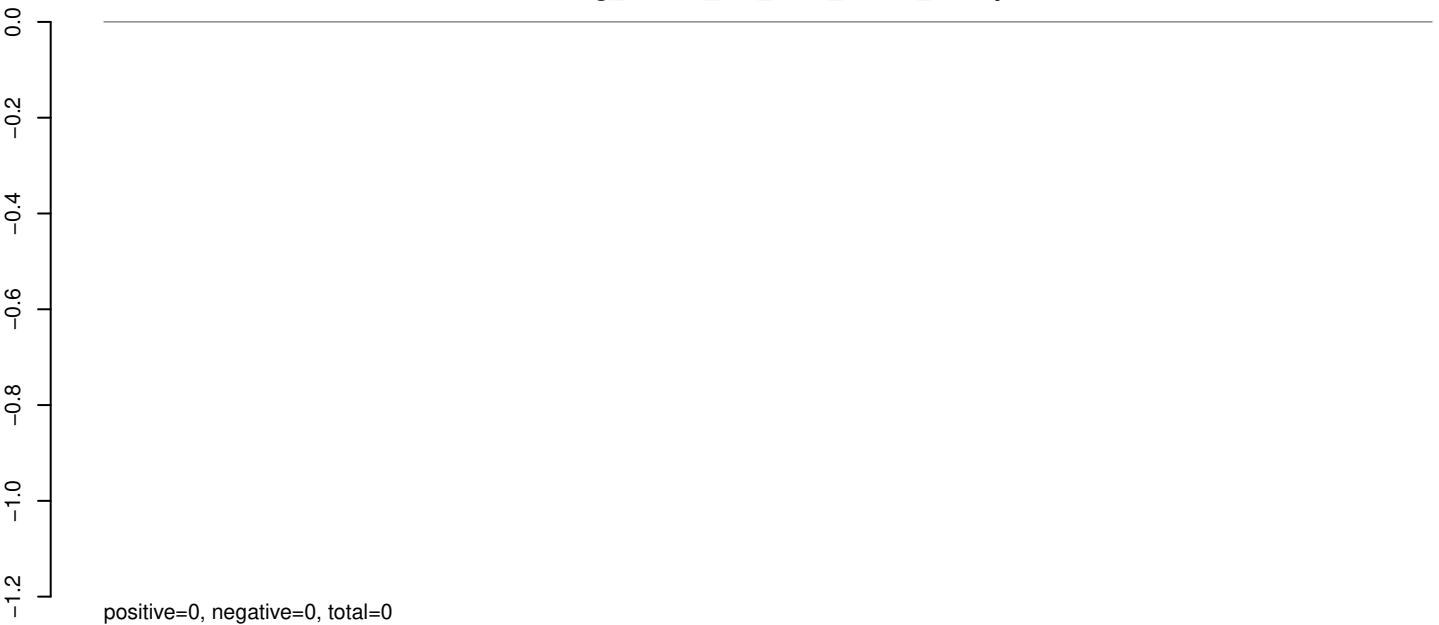
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=1, negative=5, total=6

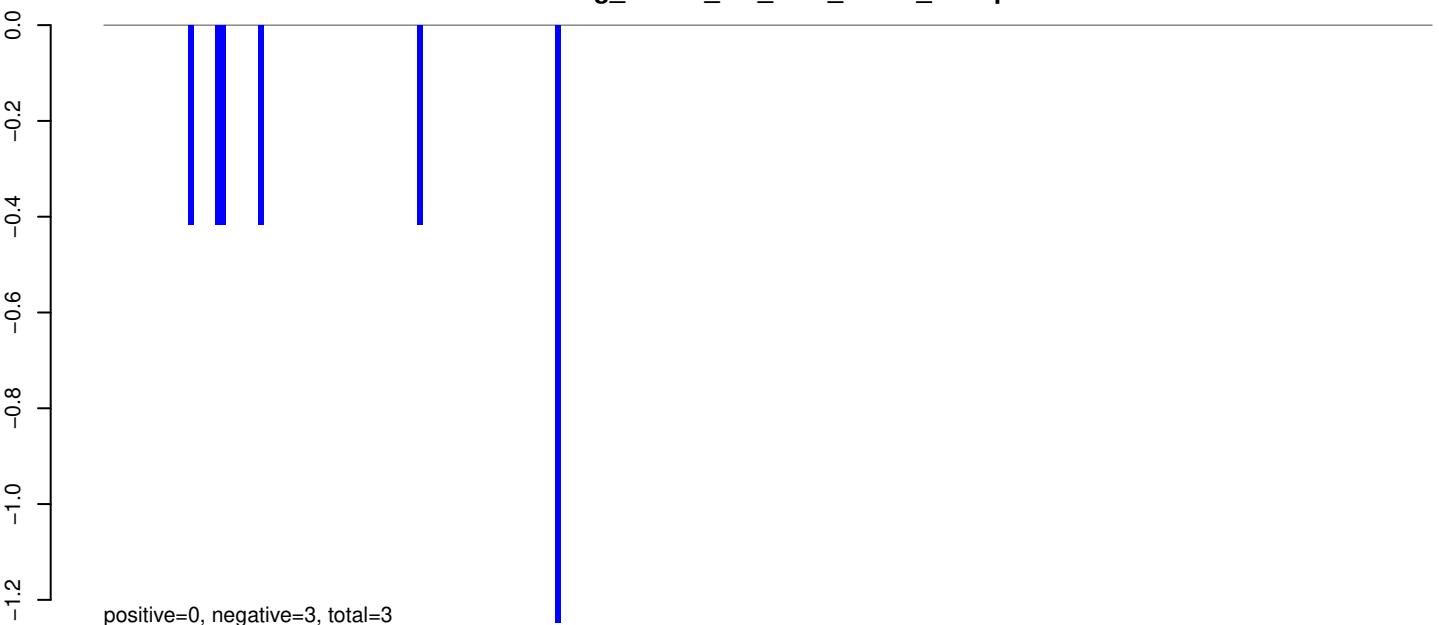
Window size=25, length=8151, TE@Gypsy195\_AA-LTR-I:1-8151



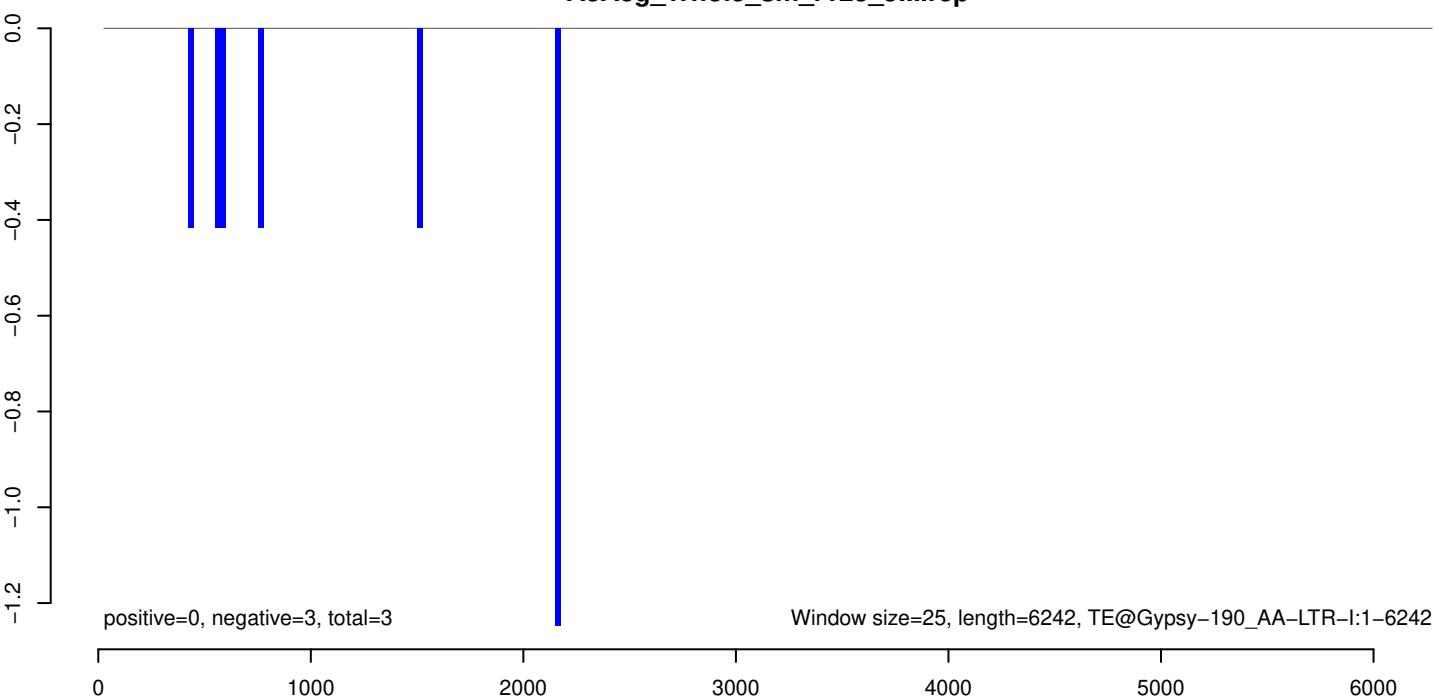
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



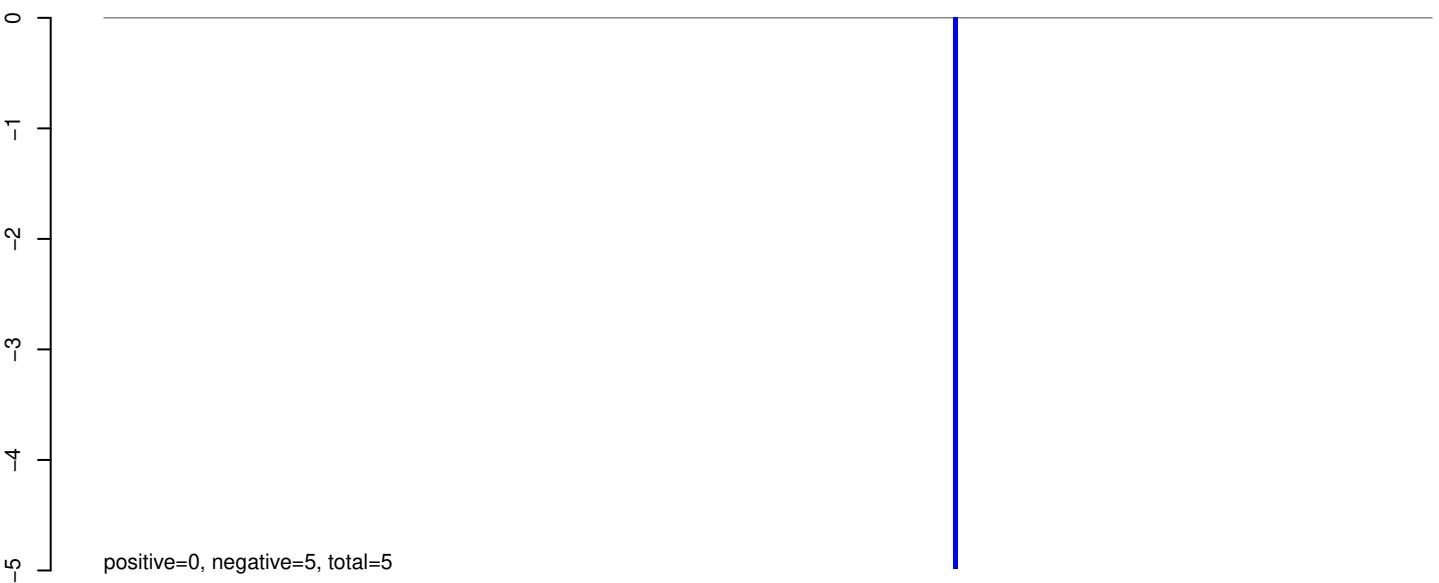
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



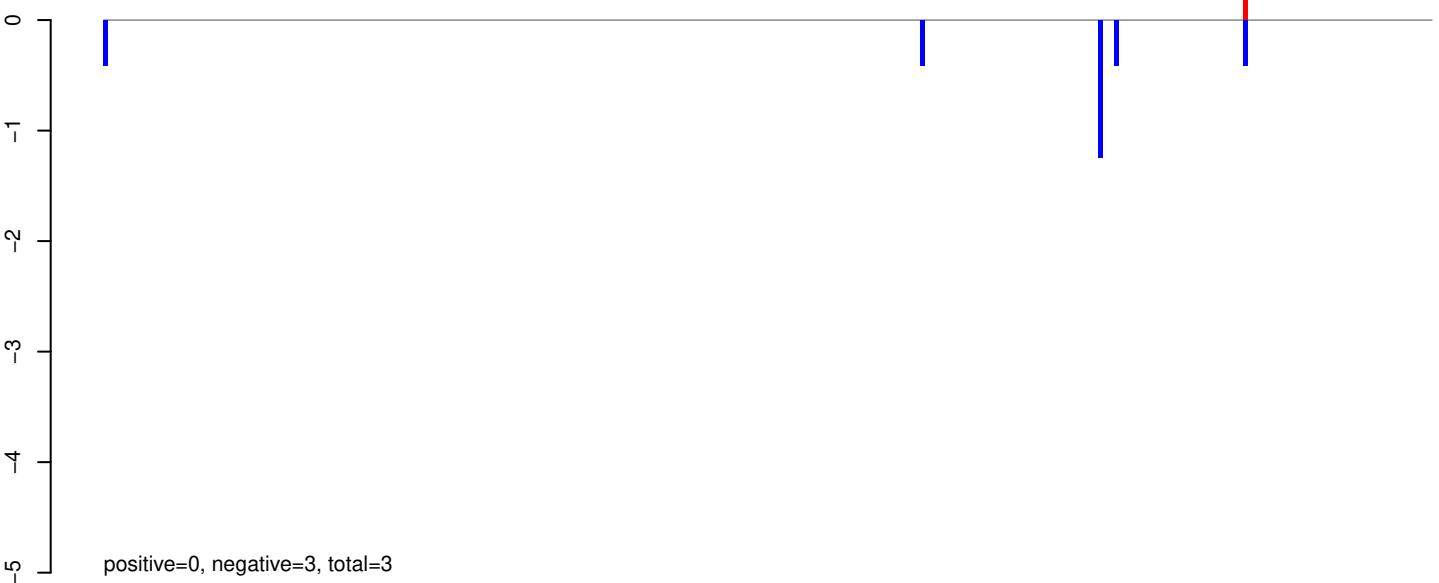
### AeAeg\_Whole\_sm\_r123\_JM.rep



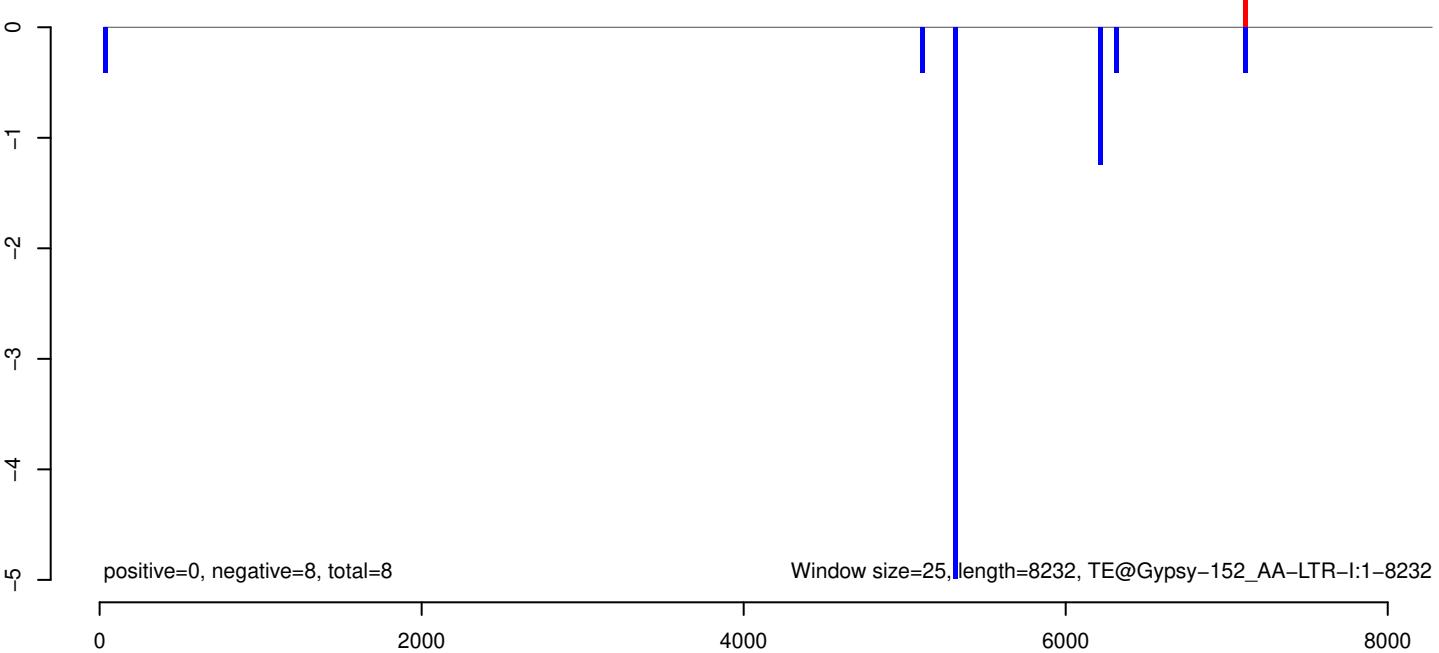
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



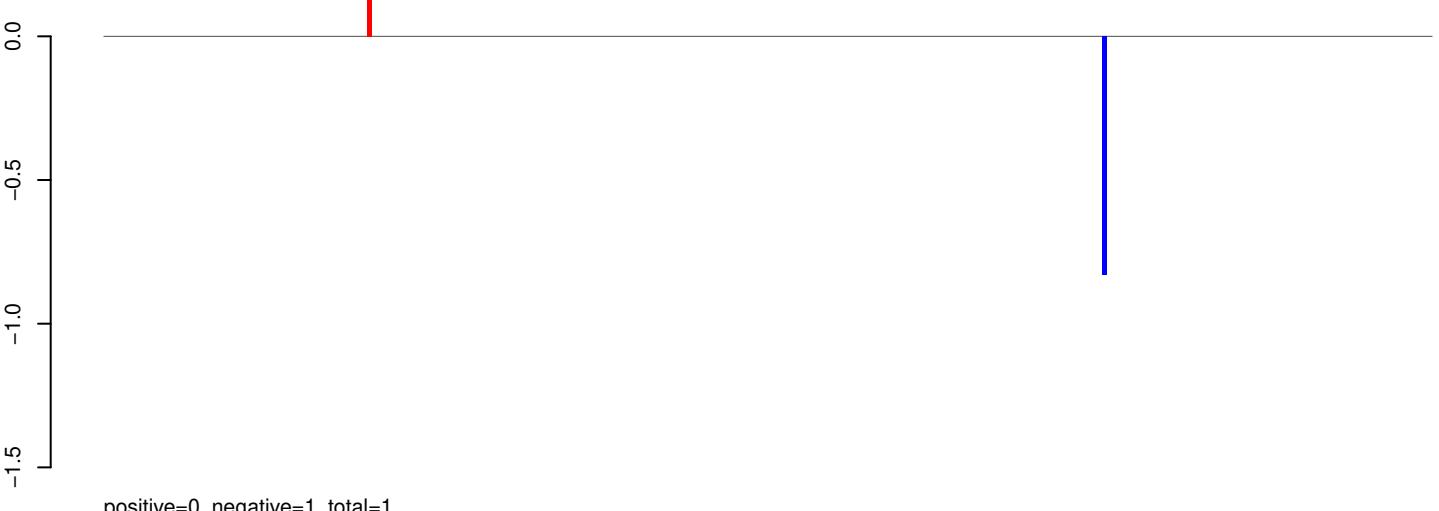
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



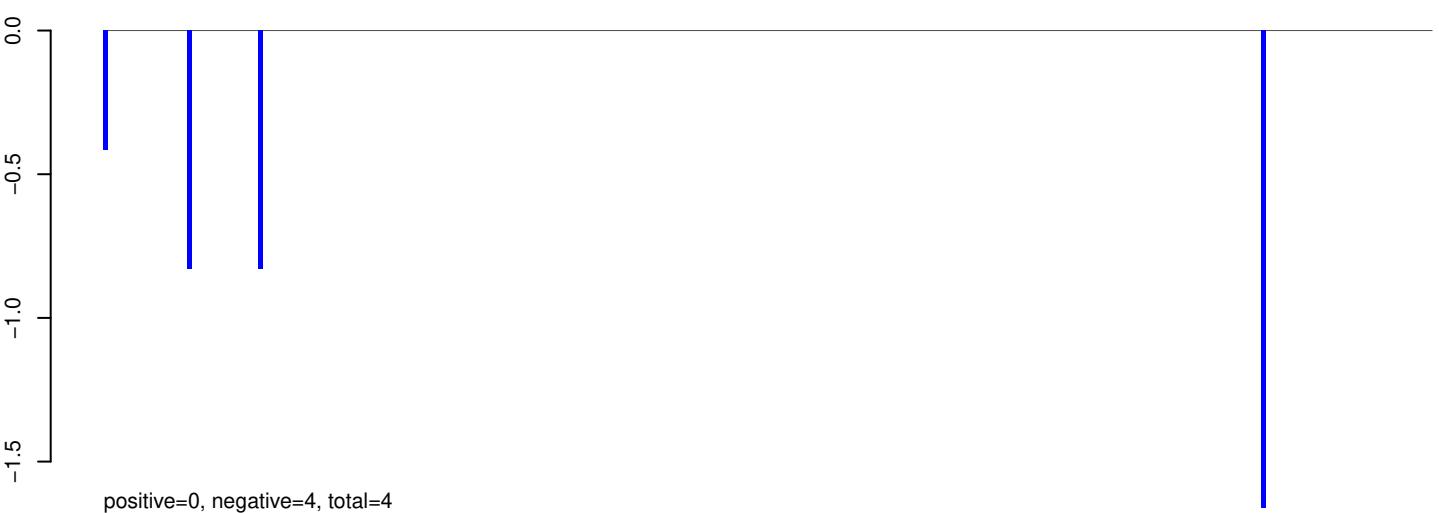
**AeAeg\_Whole\_sm\_r123\_JM.rep**



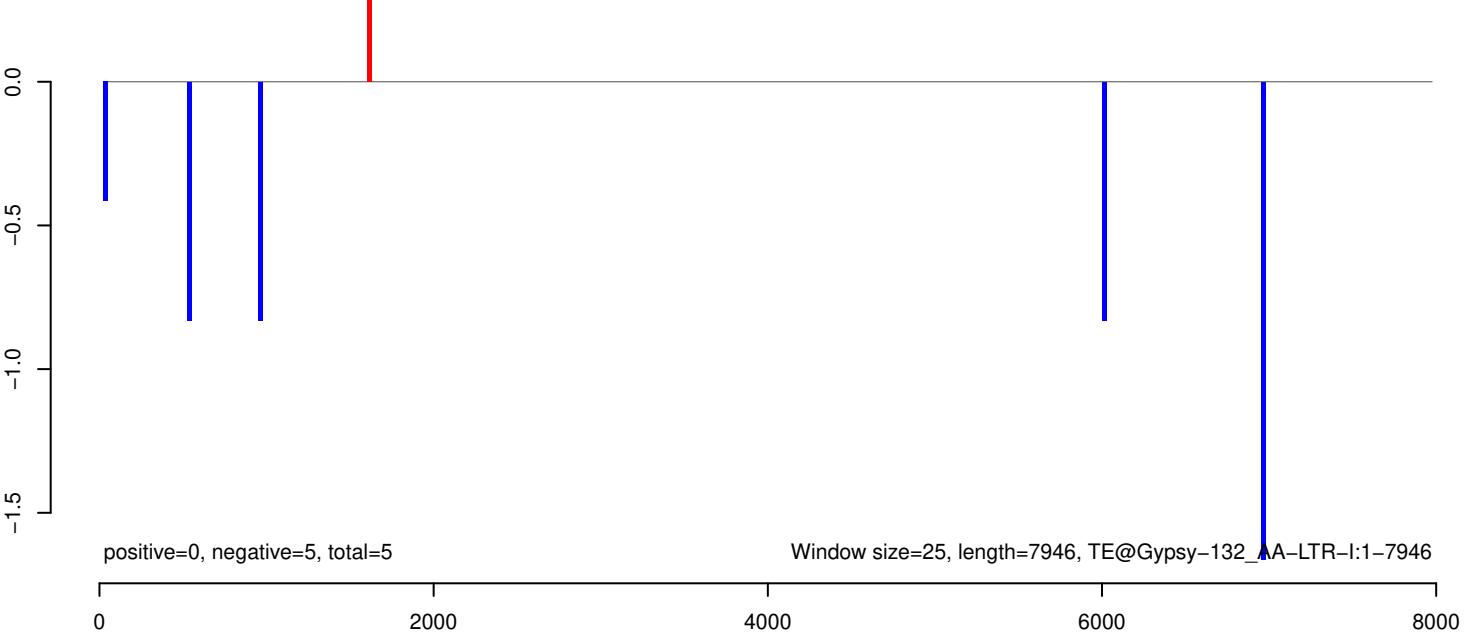
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



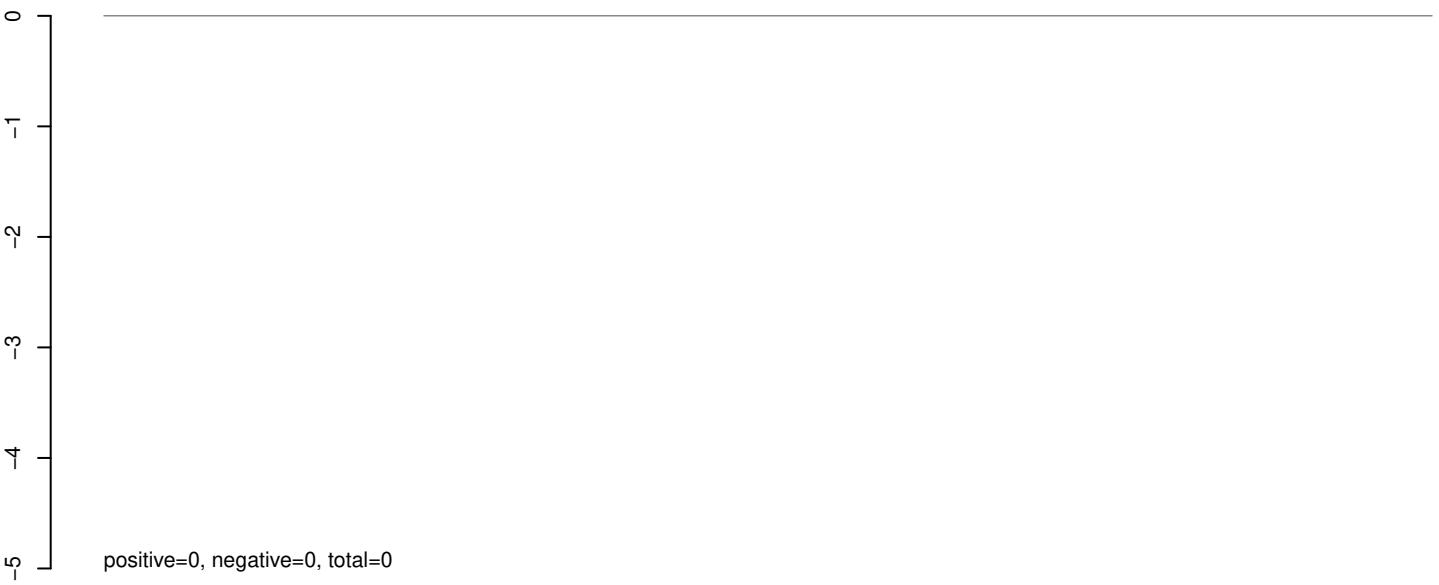
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



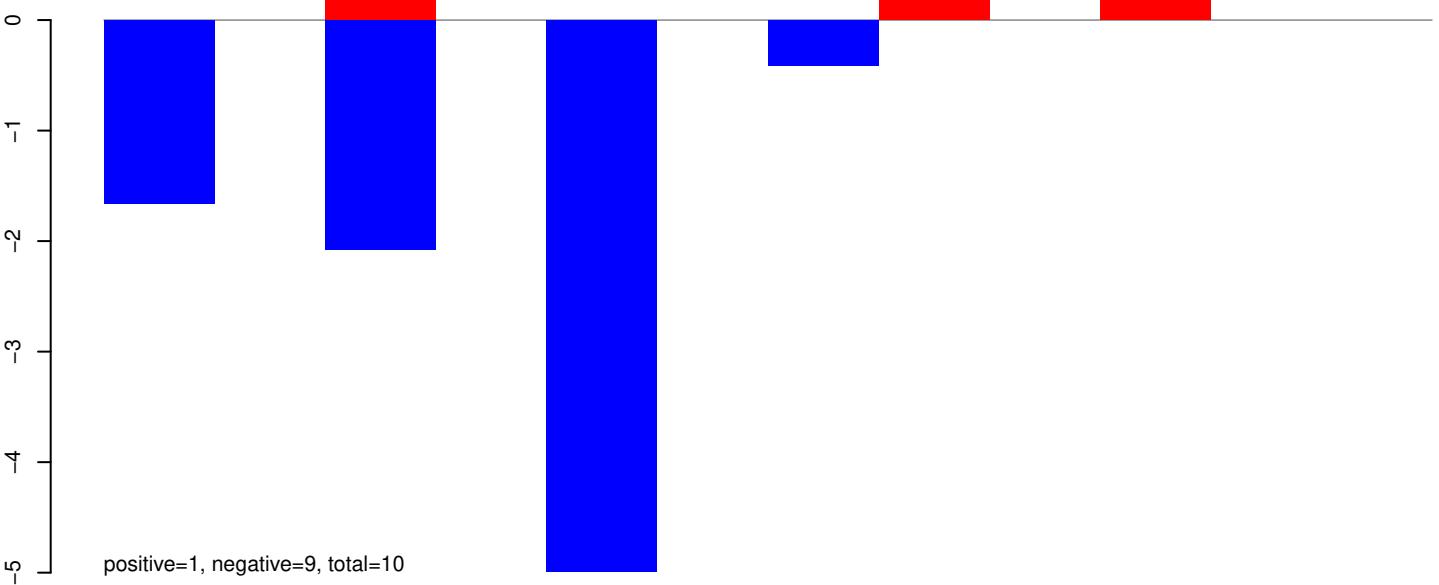
**AeAeg\_Whole\_sm\_r123\_JM.rep**



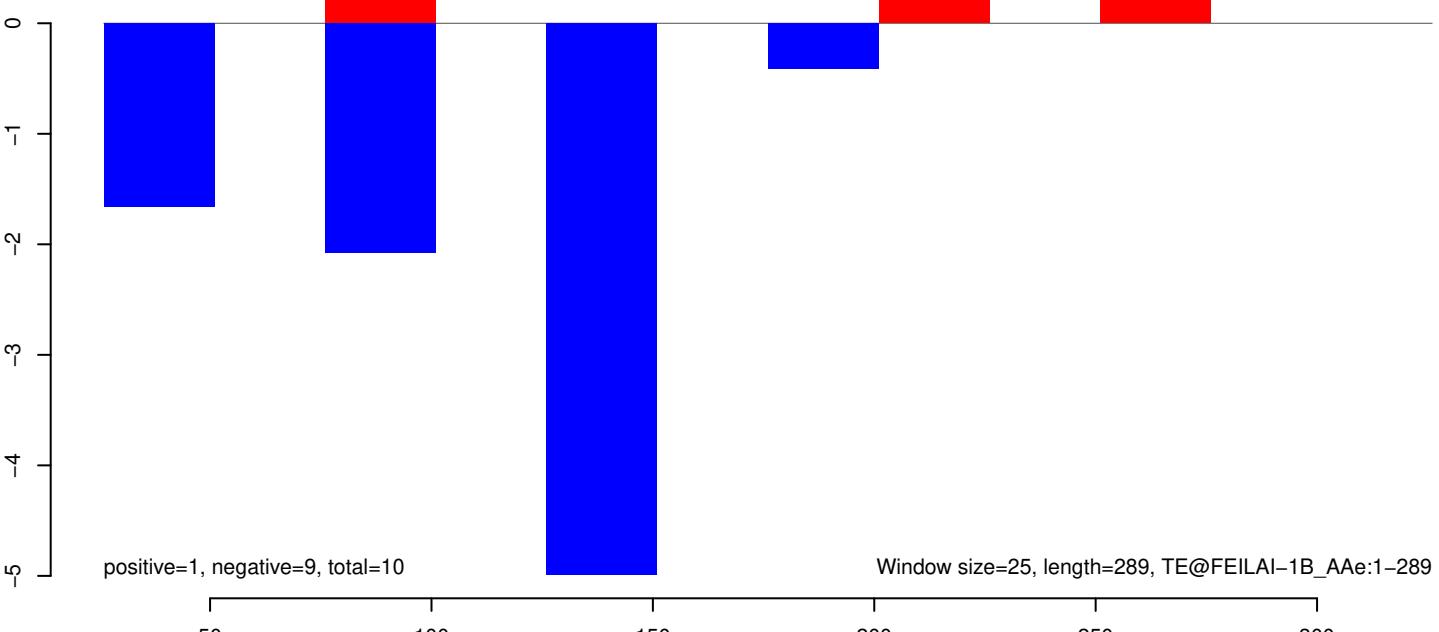
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



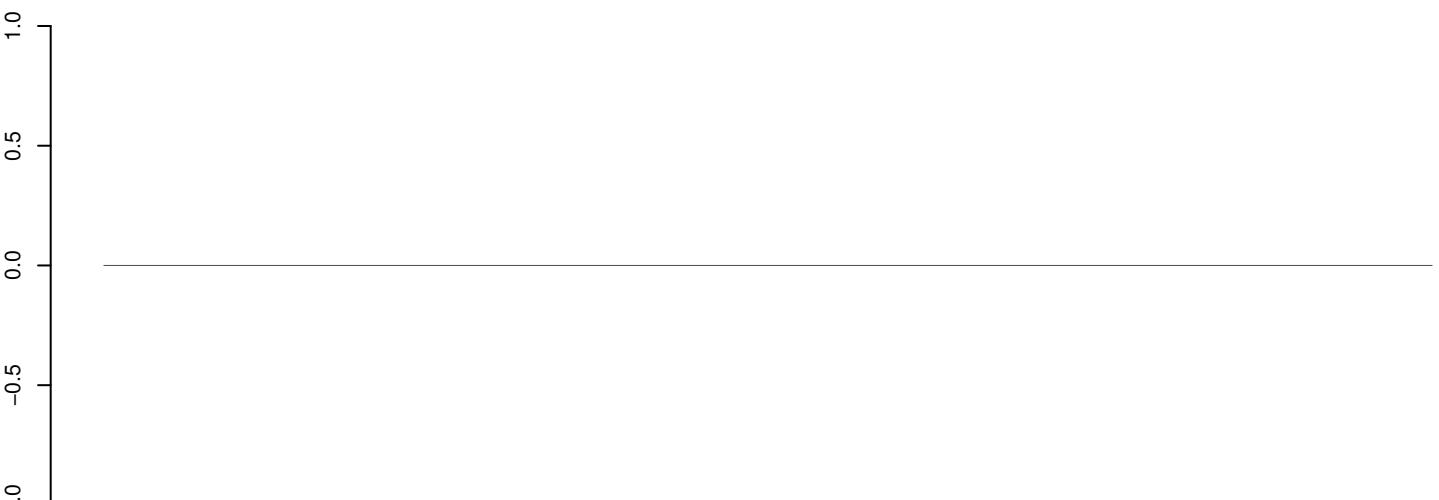
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



AeAeg\_Whole\_sm\_r123\_JM.rep

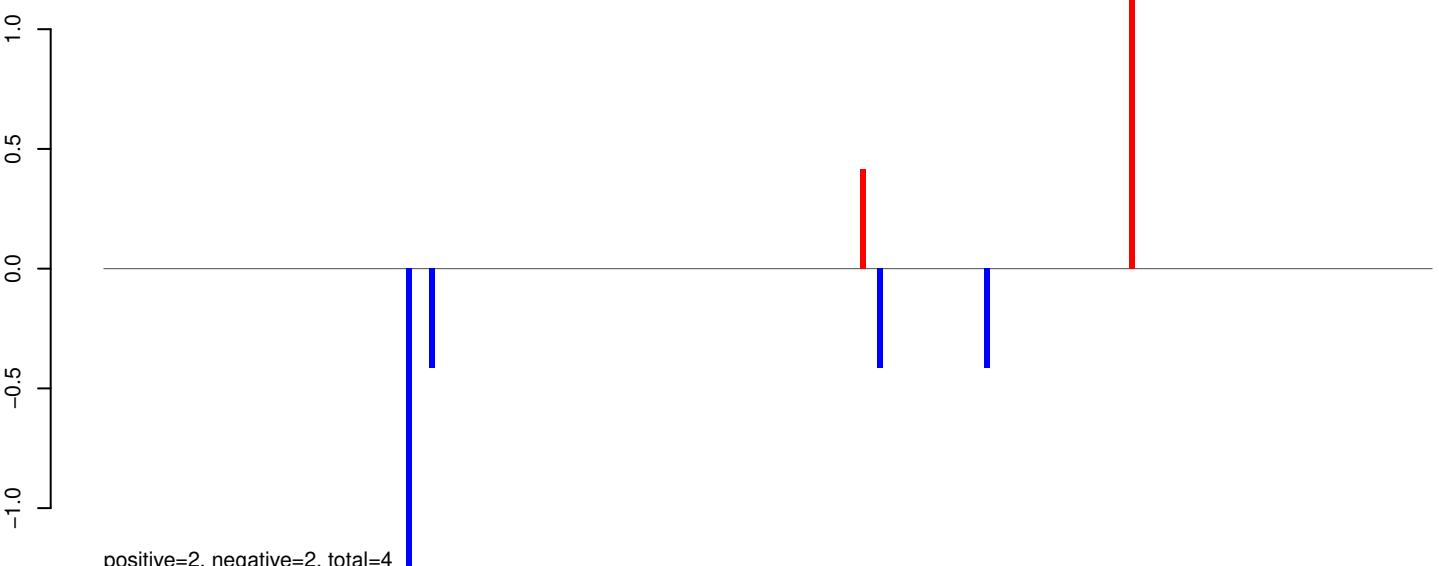


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



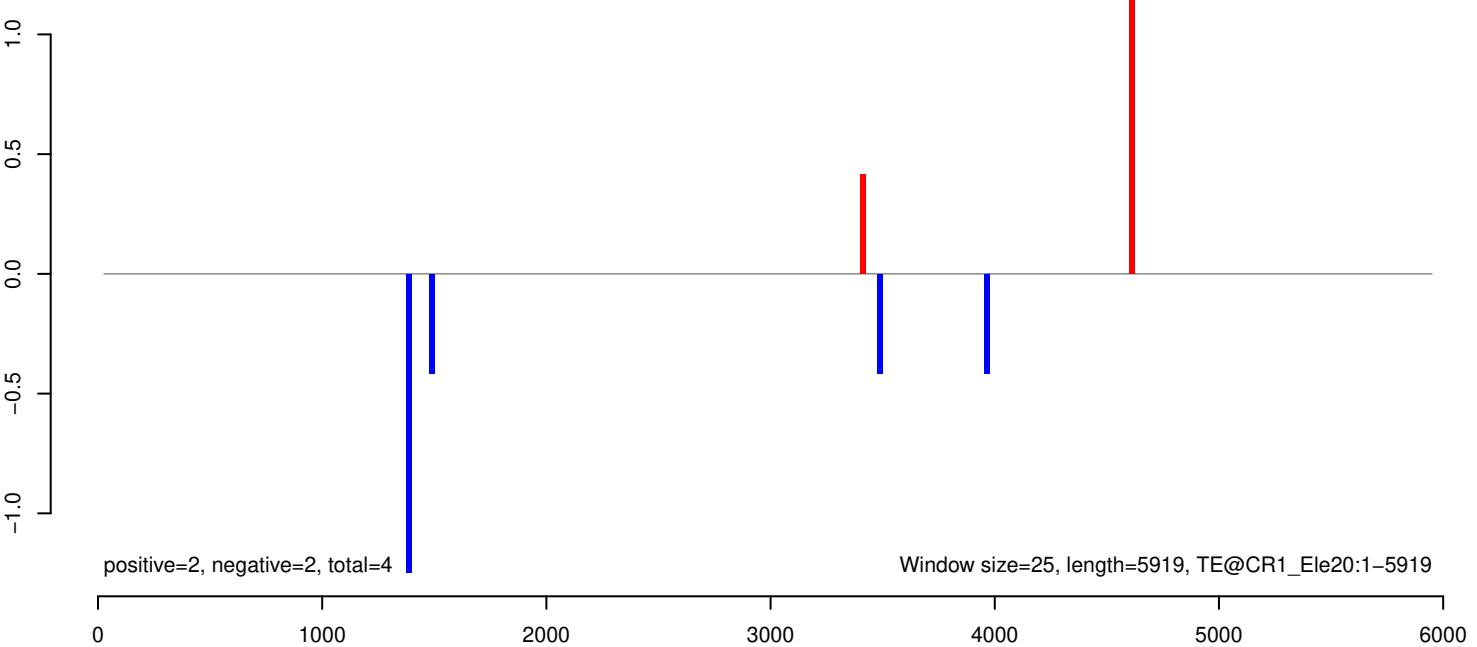
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=2, total=4

**AeAeg\_Whole\_sm\_r123\_JM.rep**

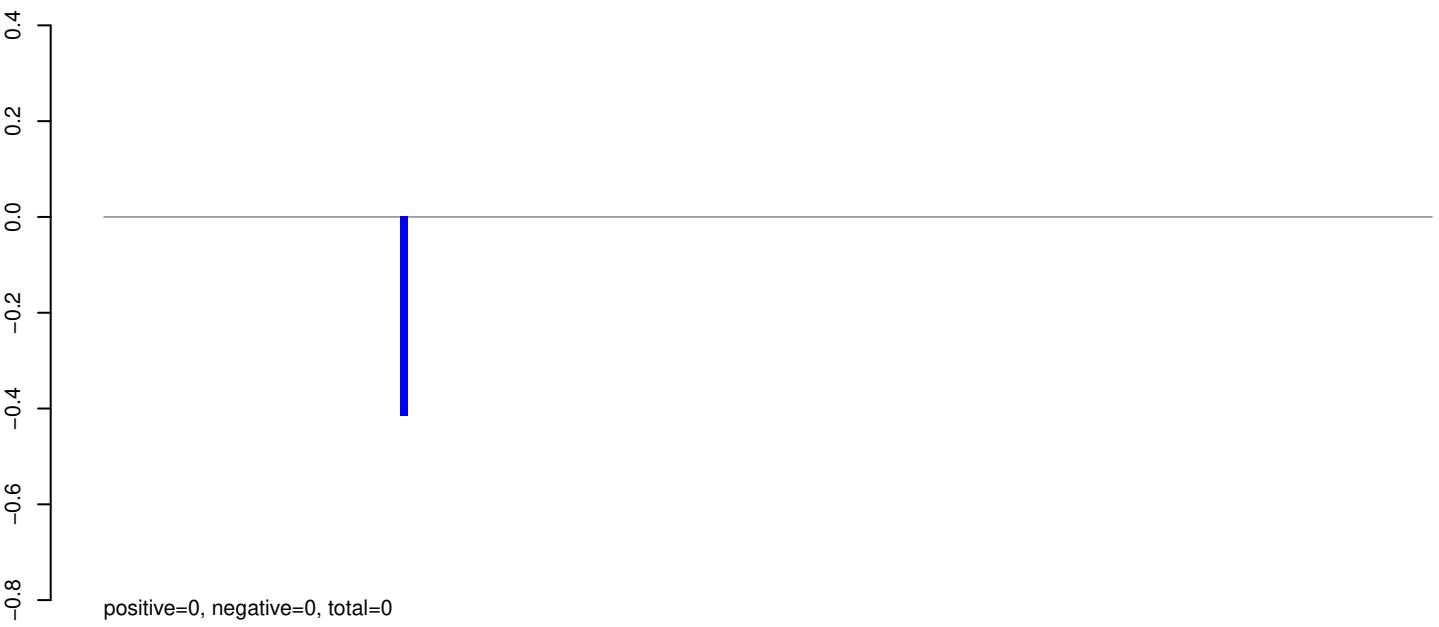


positive=2, negative=2, total=4

Window size=25, length=5919, TE@CR1\_Ele20:1–5919

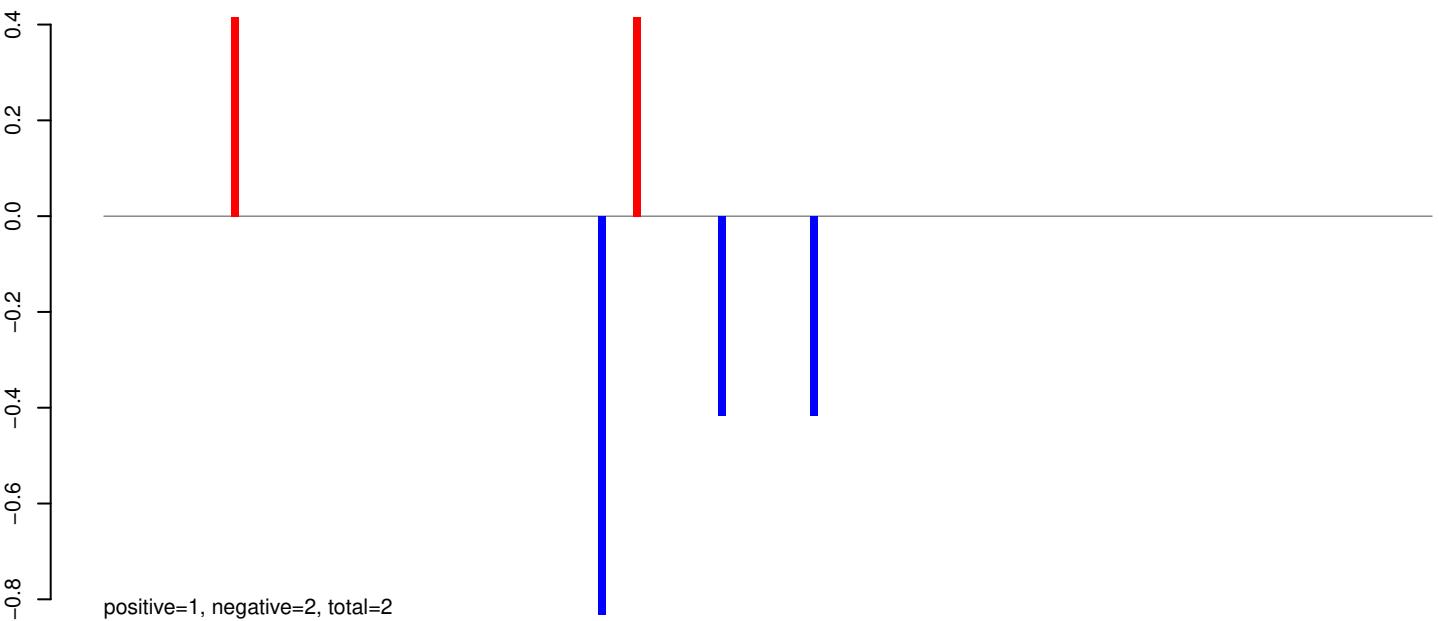
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

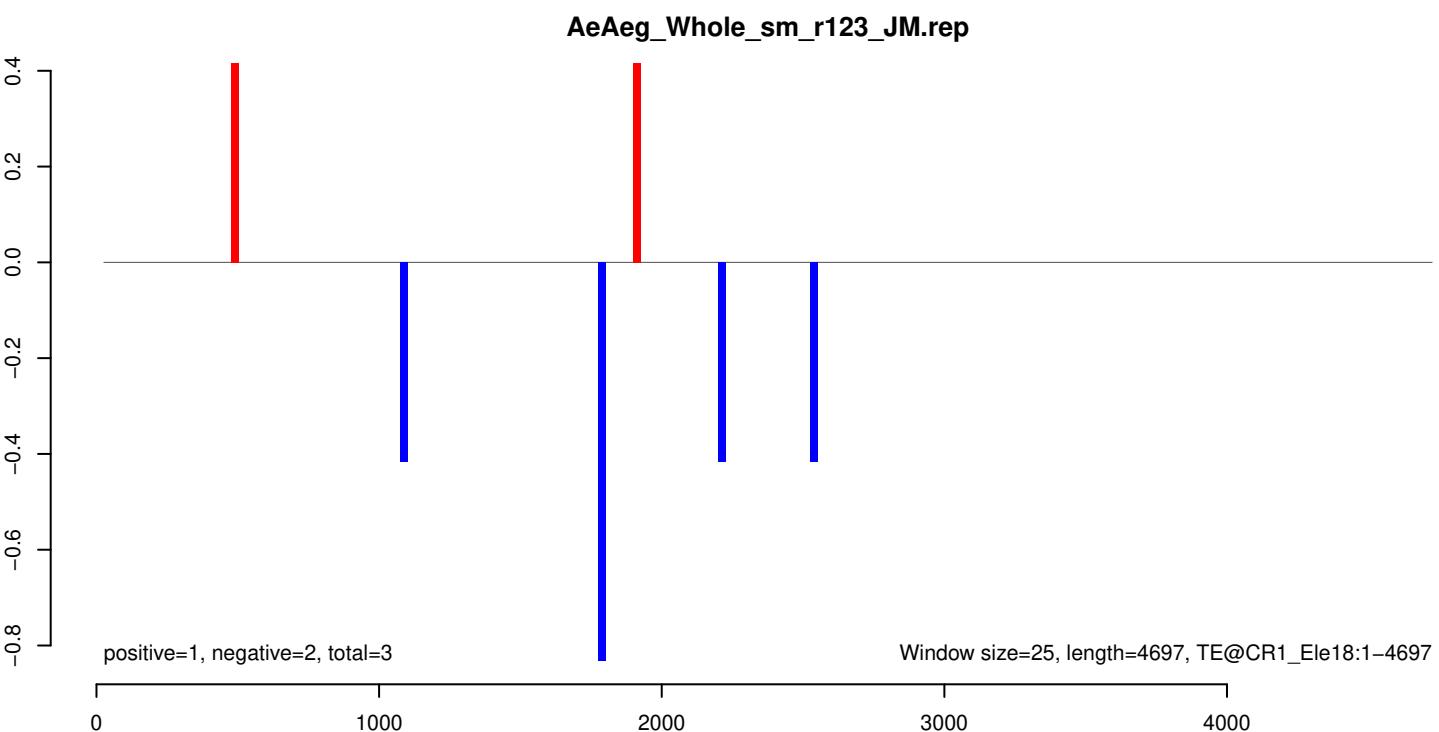
positive=1, negative=2, total=2



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=2, total=3

Window size=25, length=4697, TE@CR1\_Ele18:1–4697



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=1

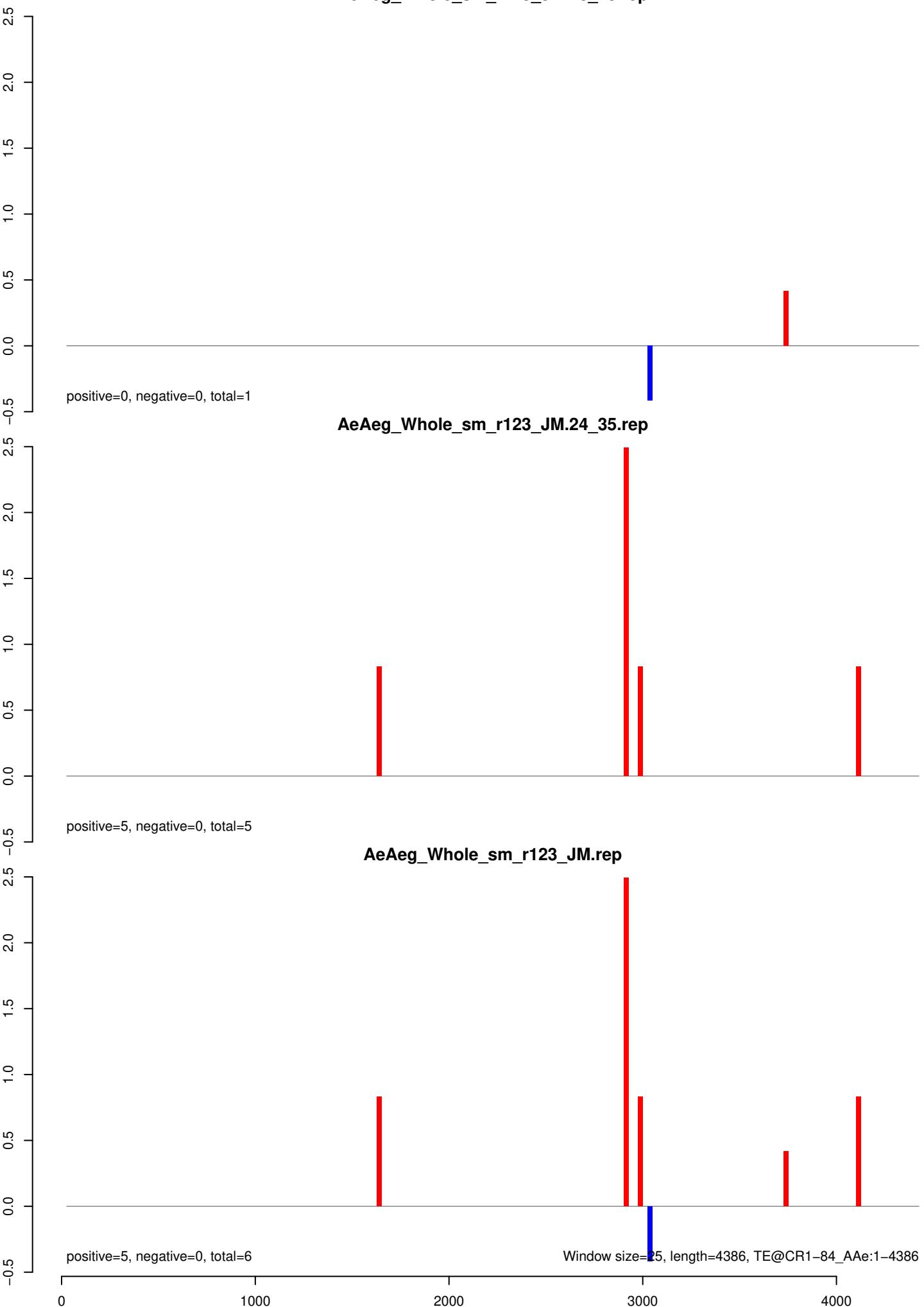
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=5, negative=0, total=5

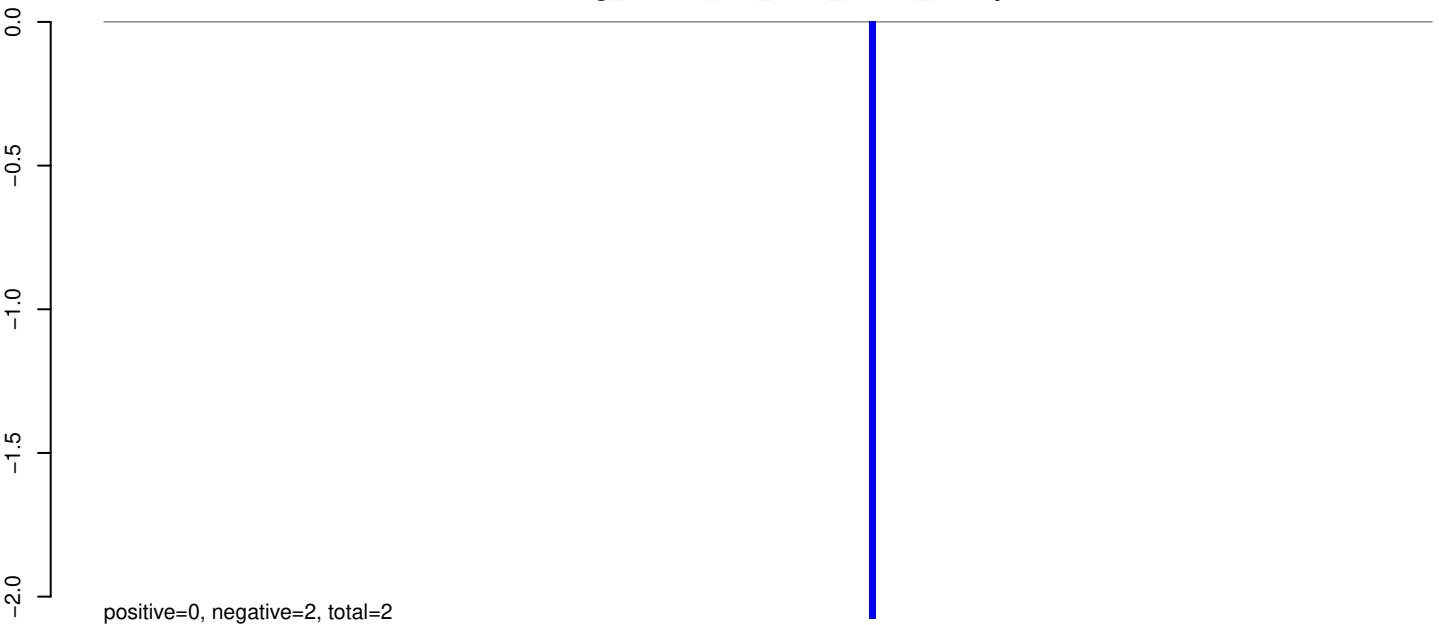
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=5, negative=0, total=6

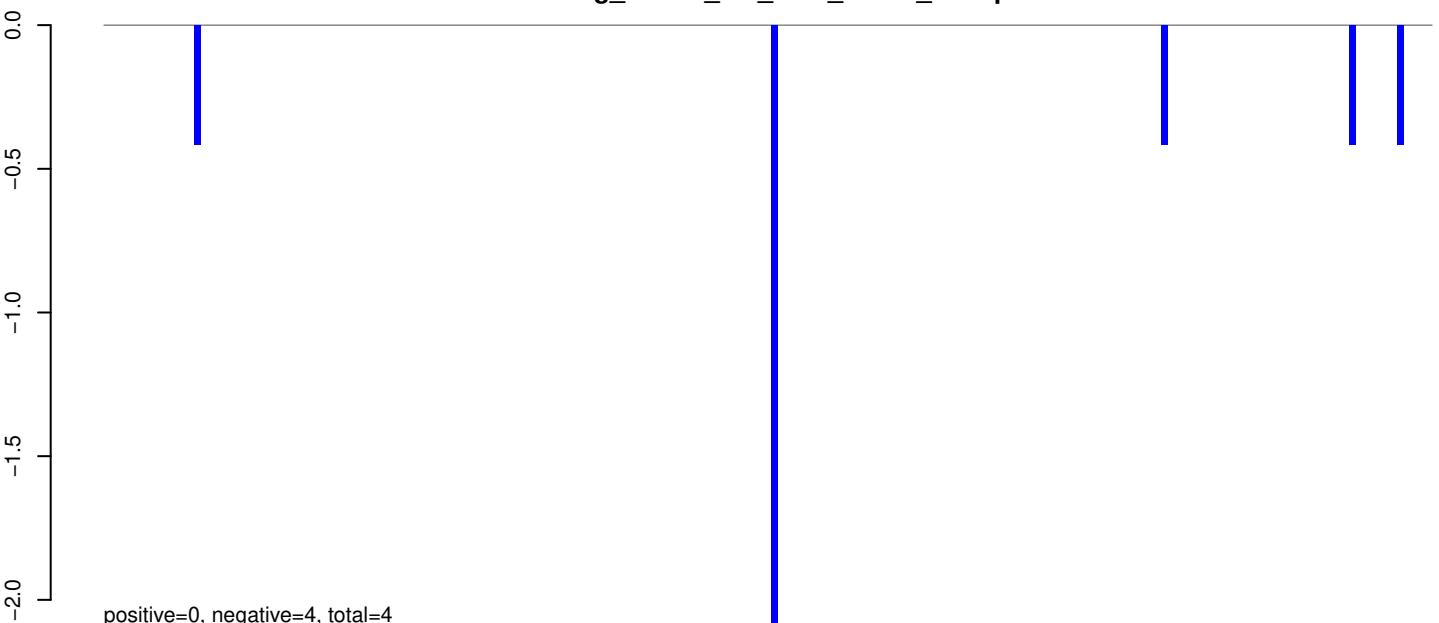
Window size=25, length=4386, TE@CR1-84\_AAe:1-4386



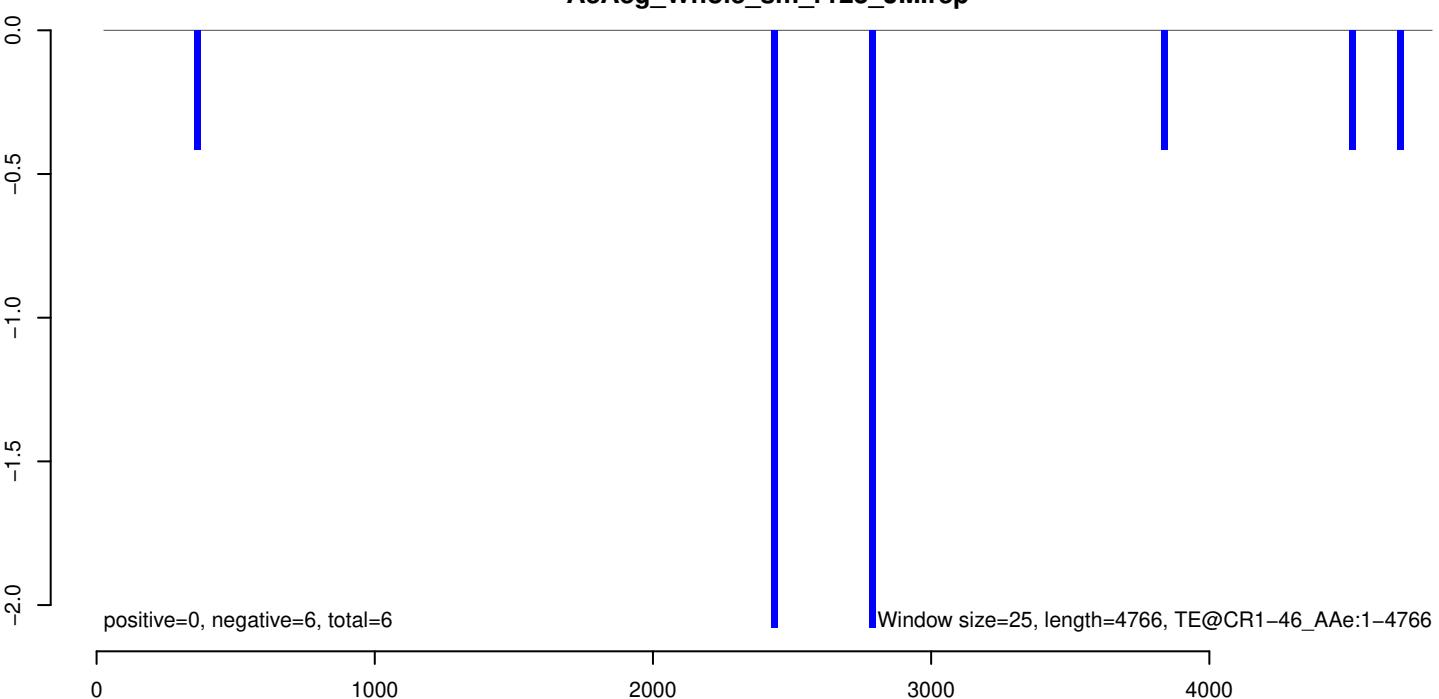
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



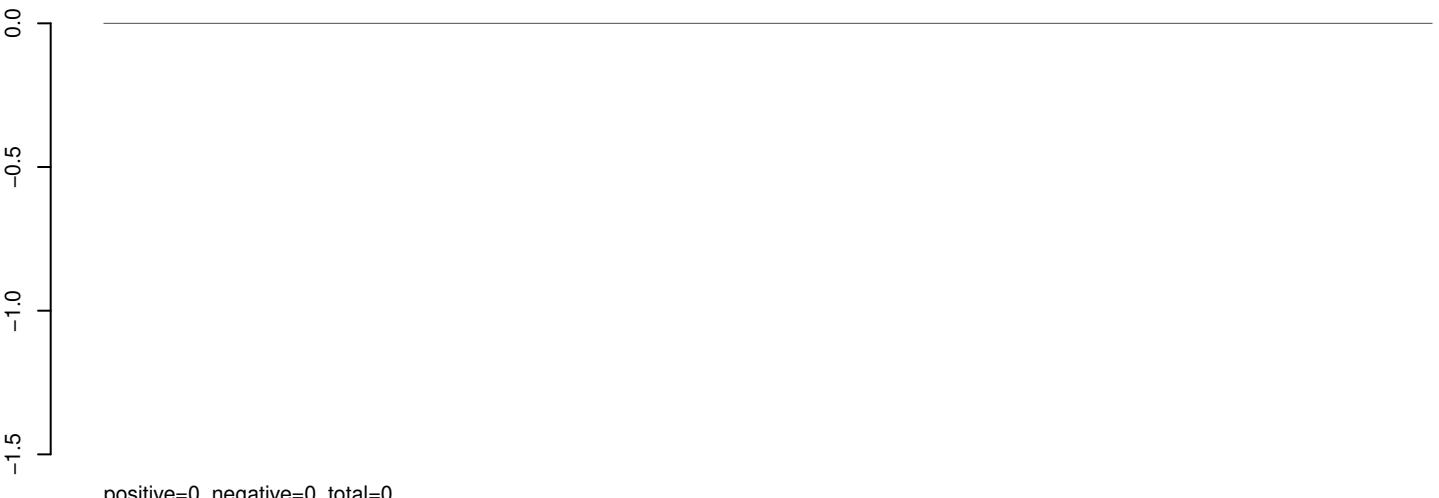
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



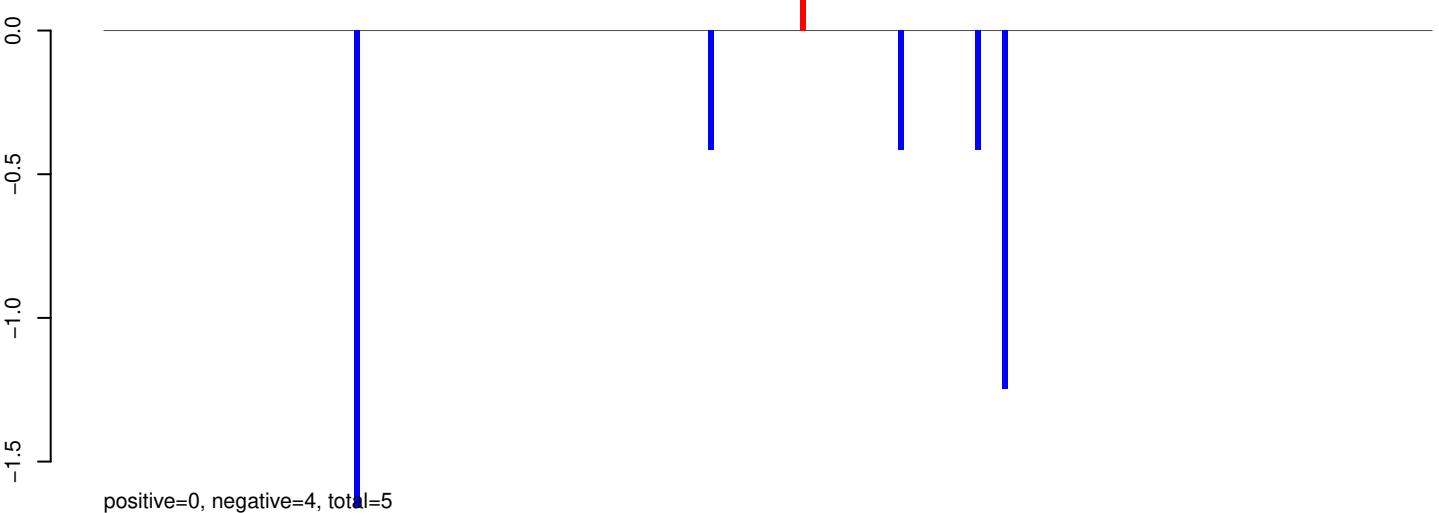
### AeAeg\_Whole\_sm\_r123\_JM.rep



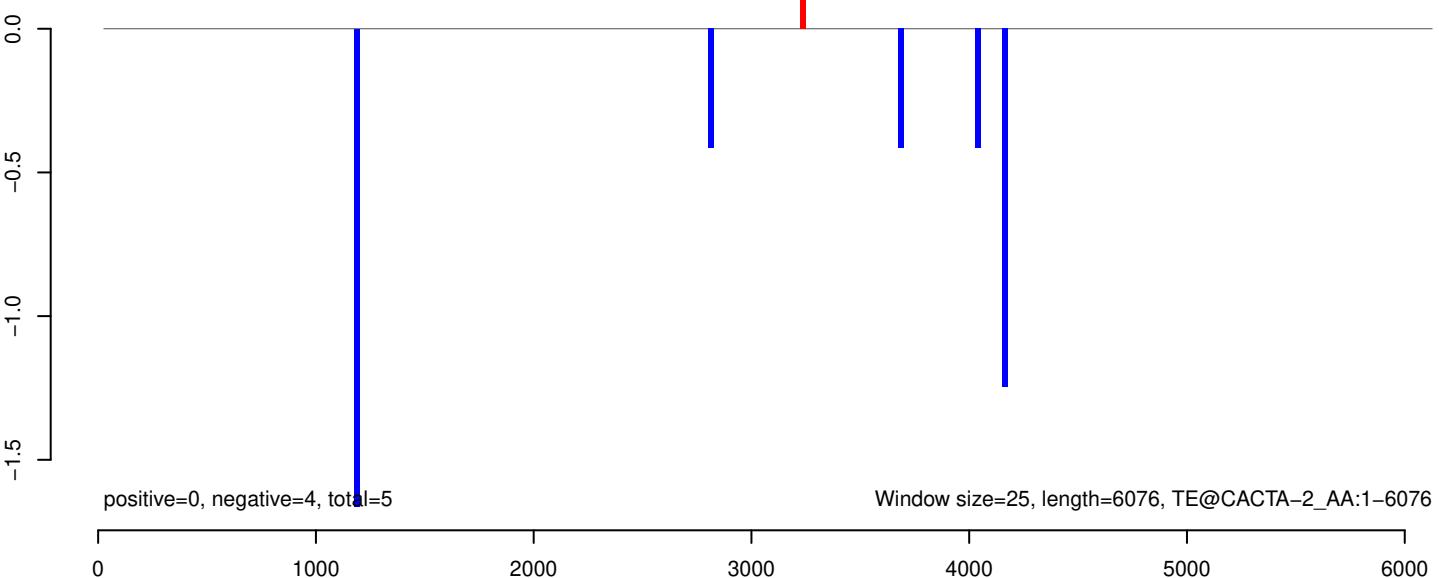
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



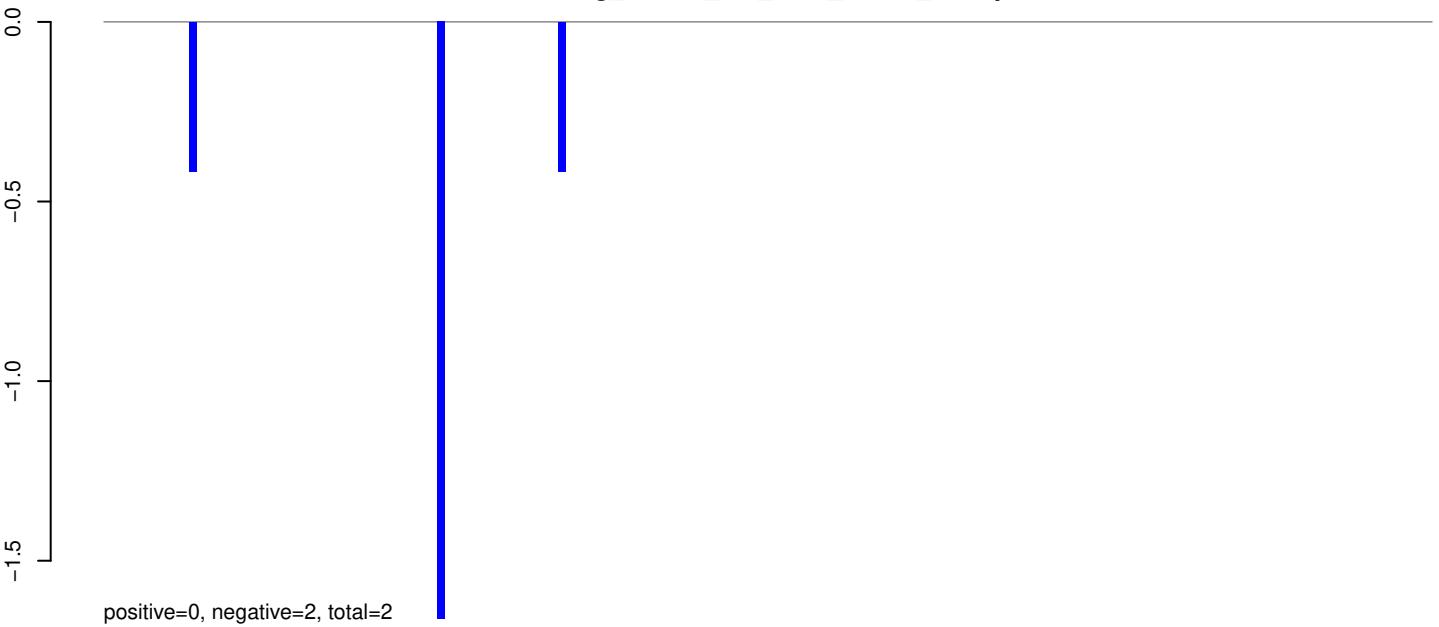
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



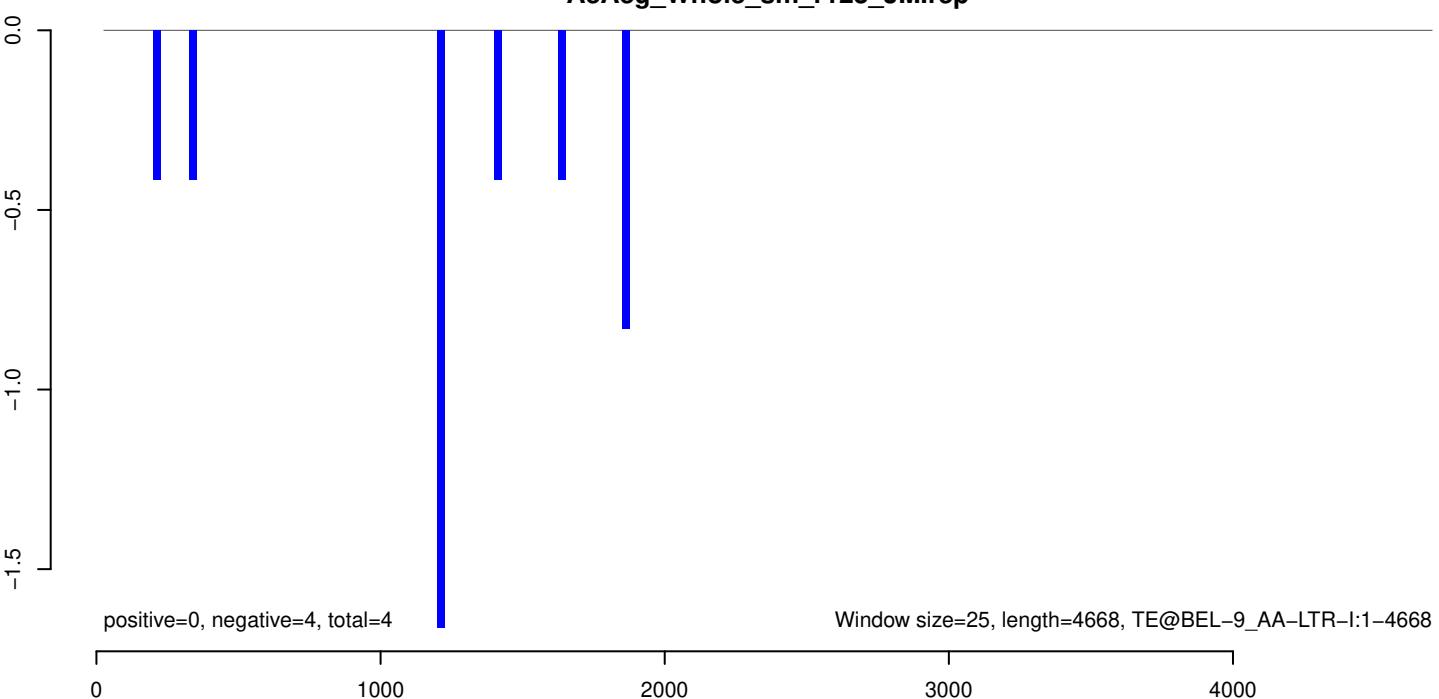
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



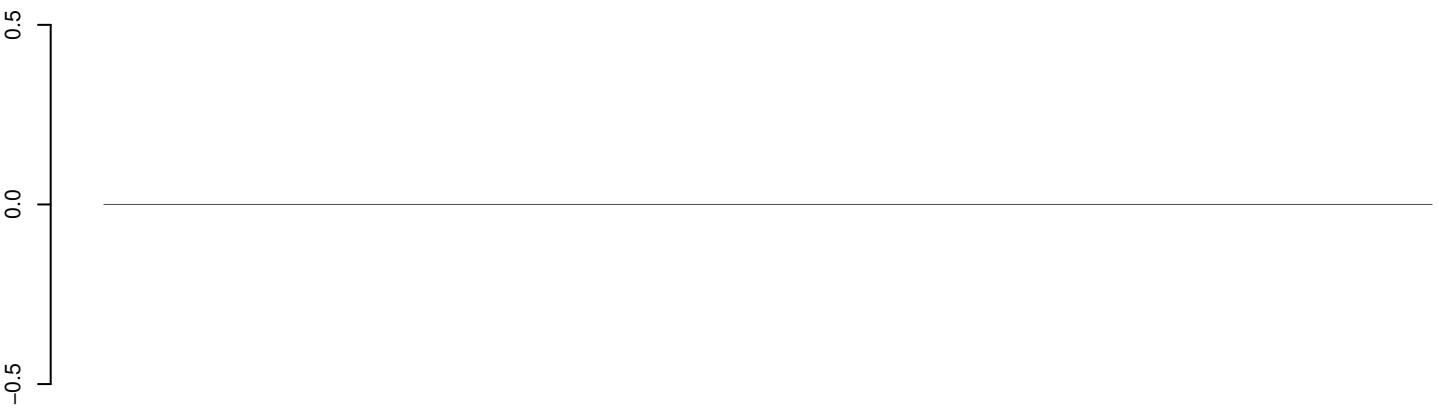
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

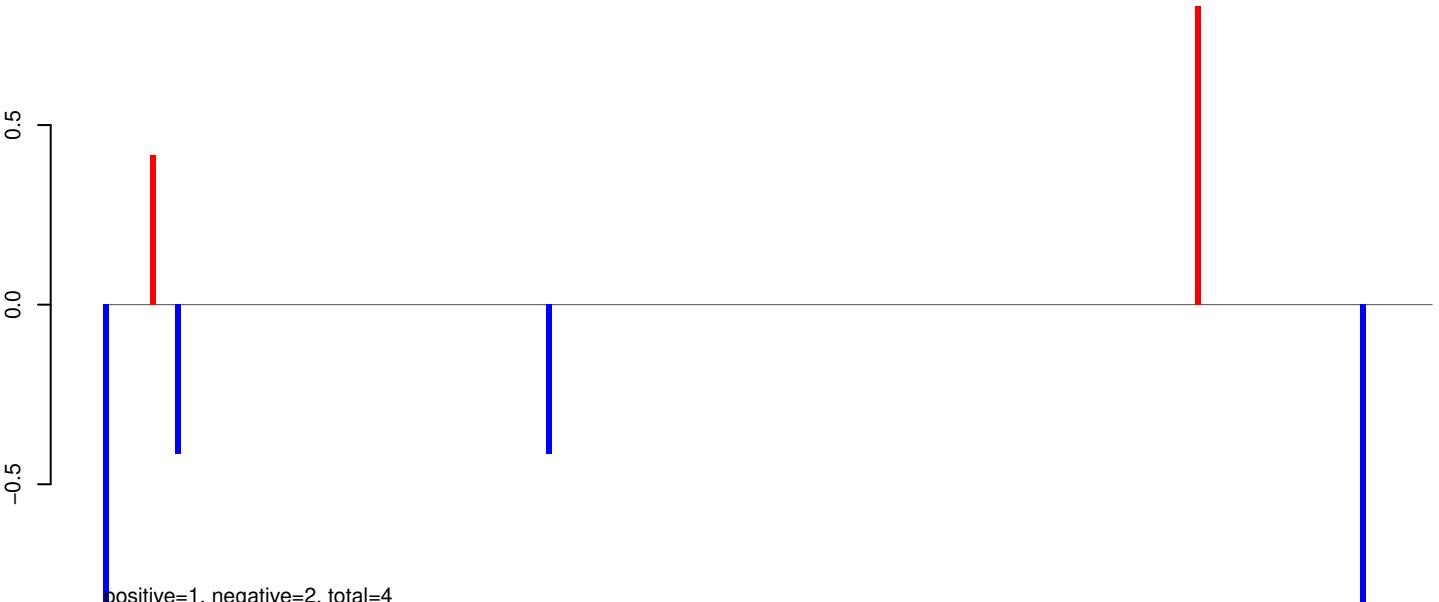


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



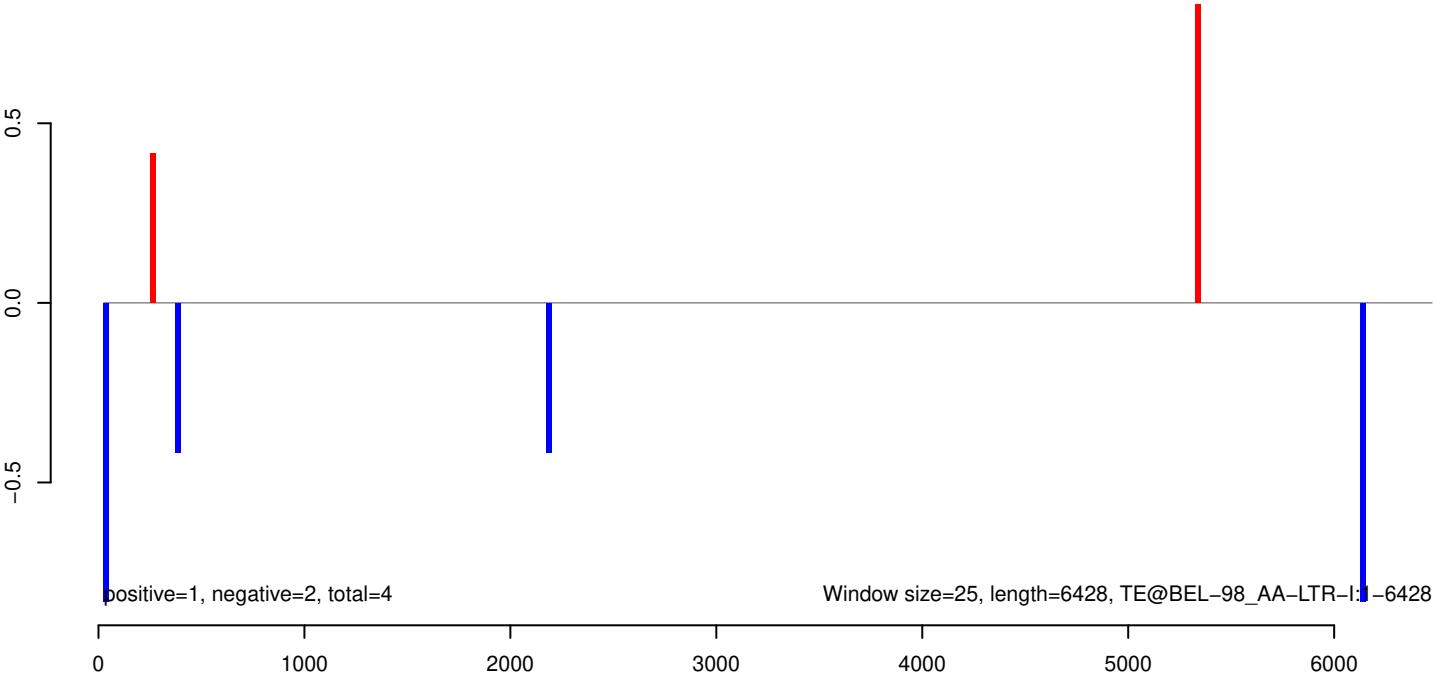
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=2, total=4

**AeAeg\_Whole\_sm\_r123\_JM.rep**

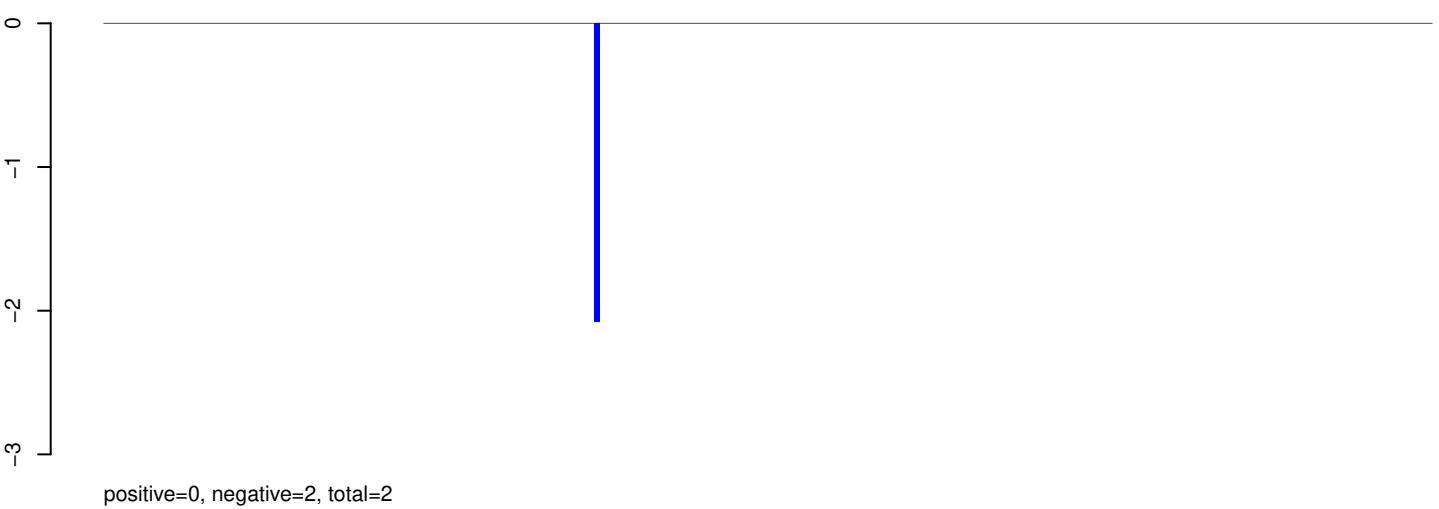


positive=1, negative=2, total=4

Window size=25, length=6428, TE@BEL-98\_AA-LTR-I-1-6428

0 1000 2000 3000 4000 5000 6000

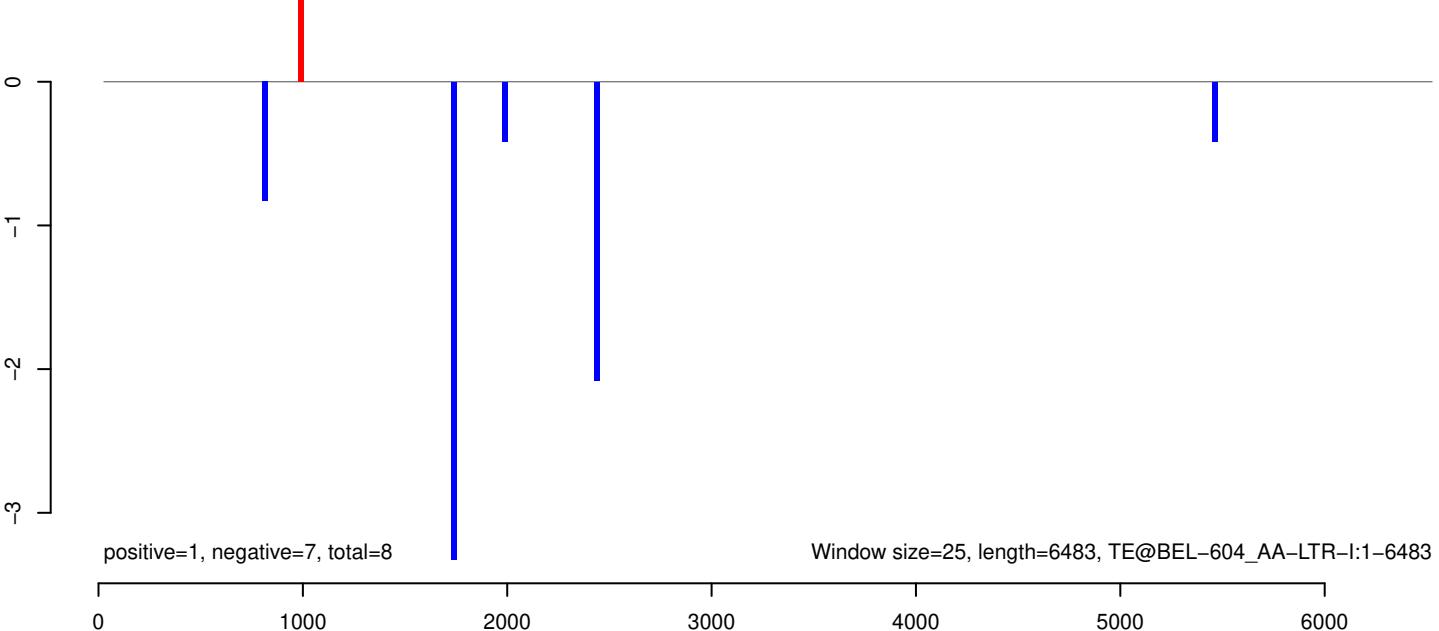
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



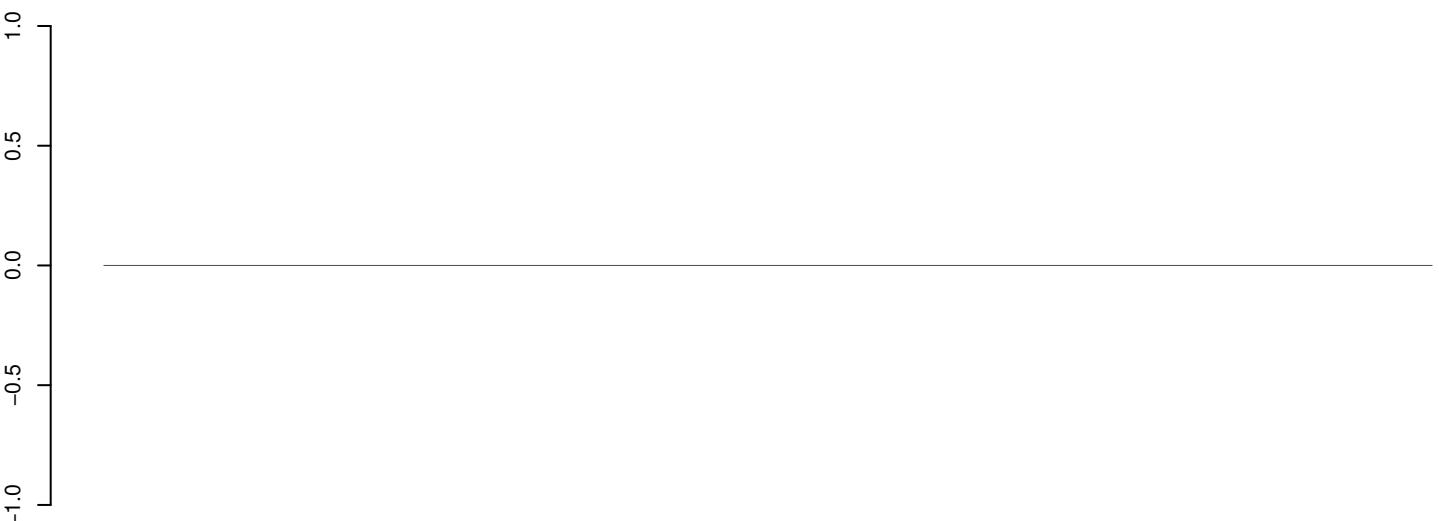
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

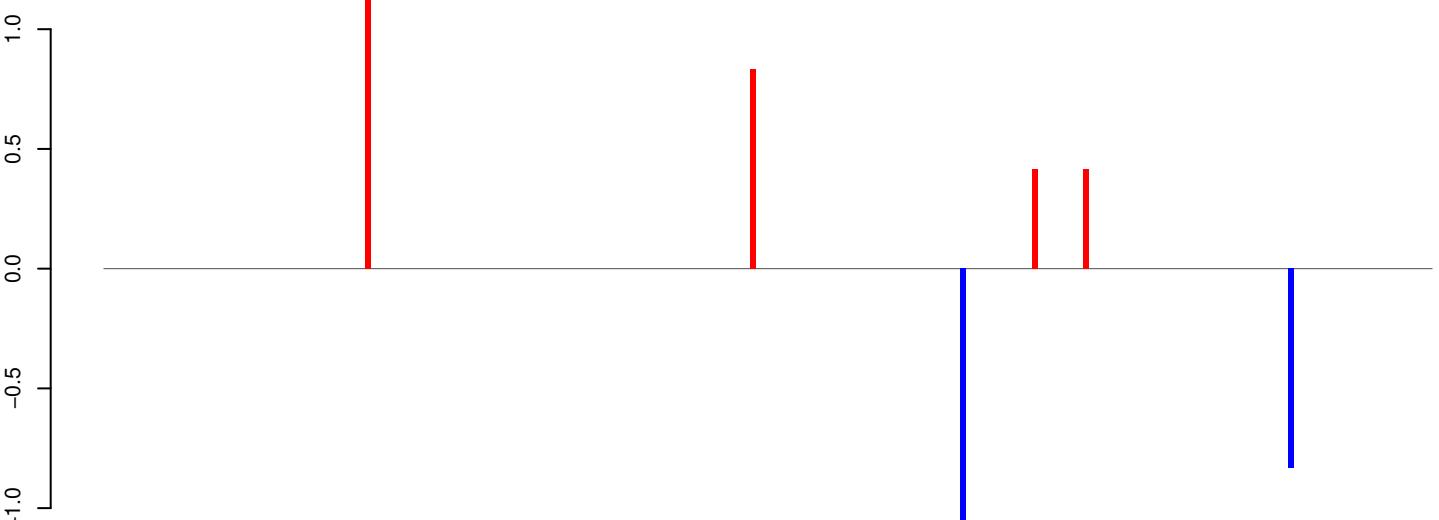


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



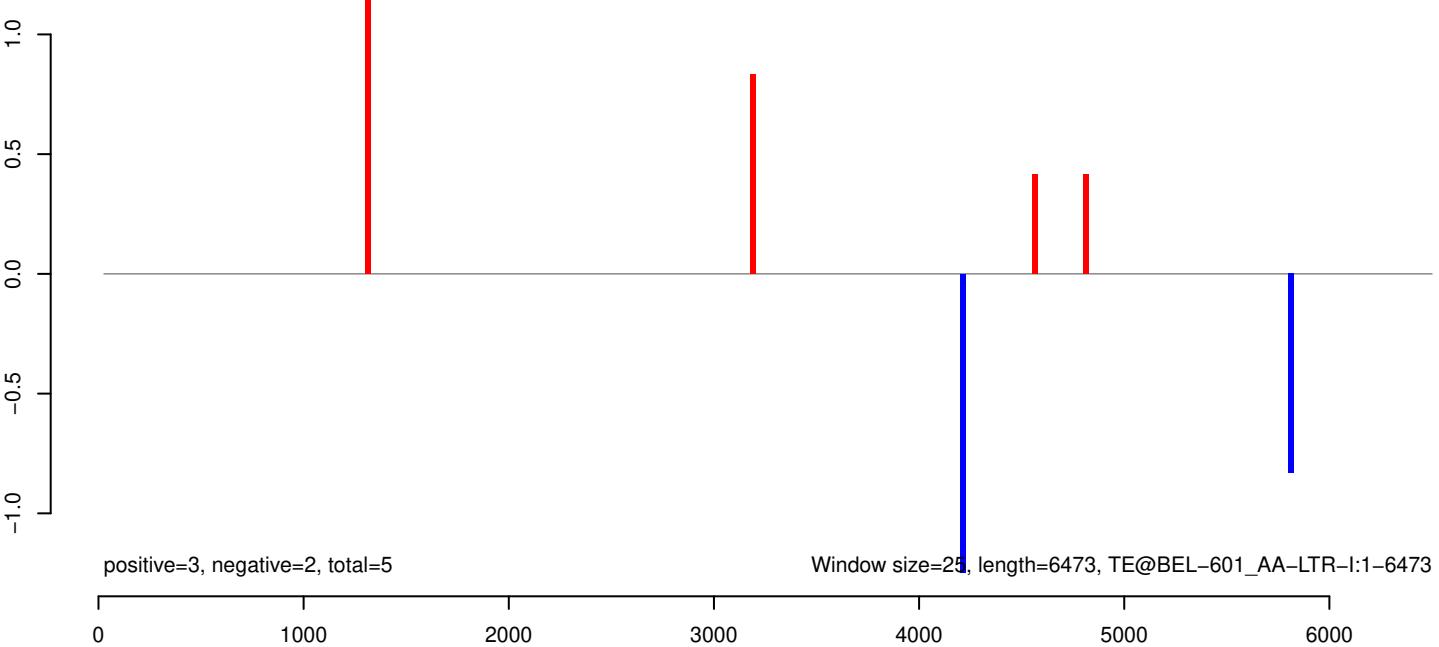
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=3, negative=2, total=5

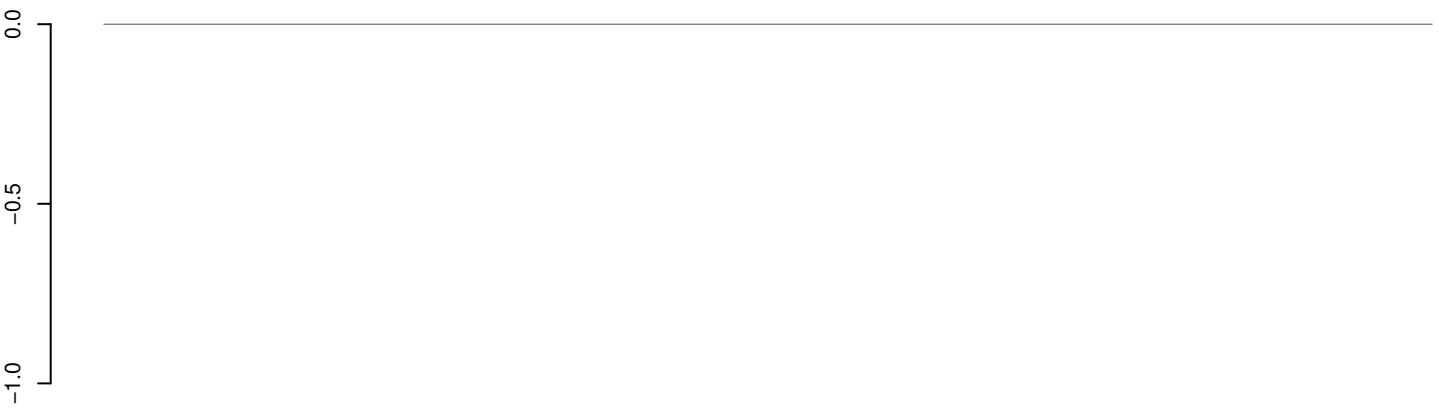
**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=3, negative=2, total=5

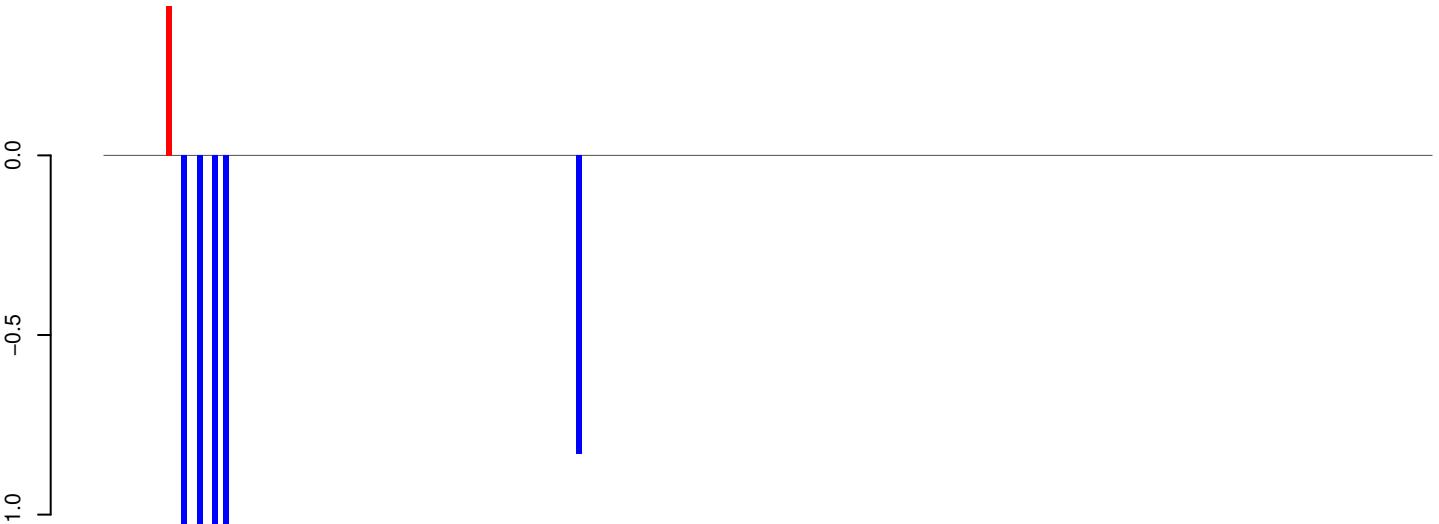
Window size=25, length=6473, TE@BEL-601\_AA-LTR-I:1-6473

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



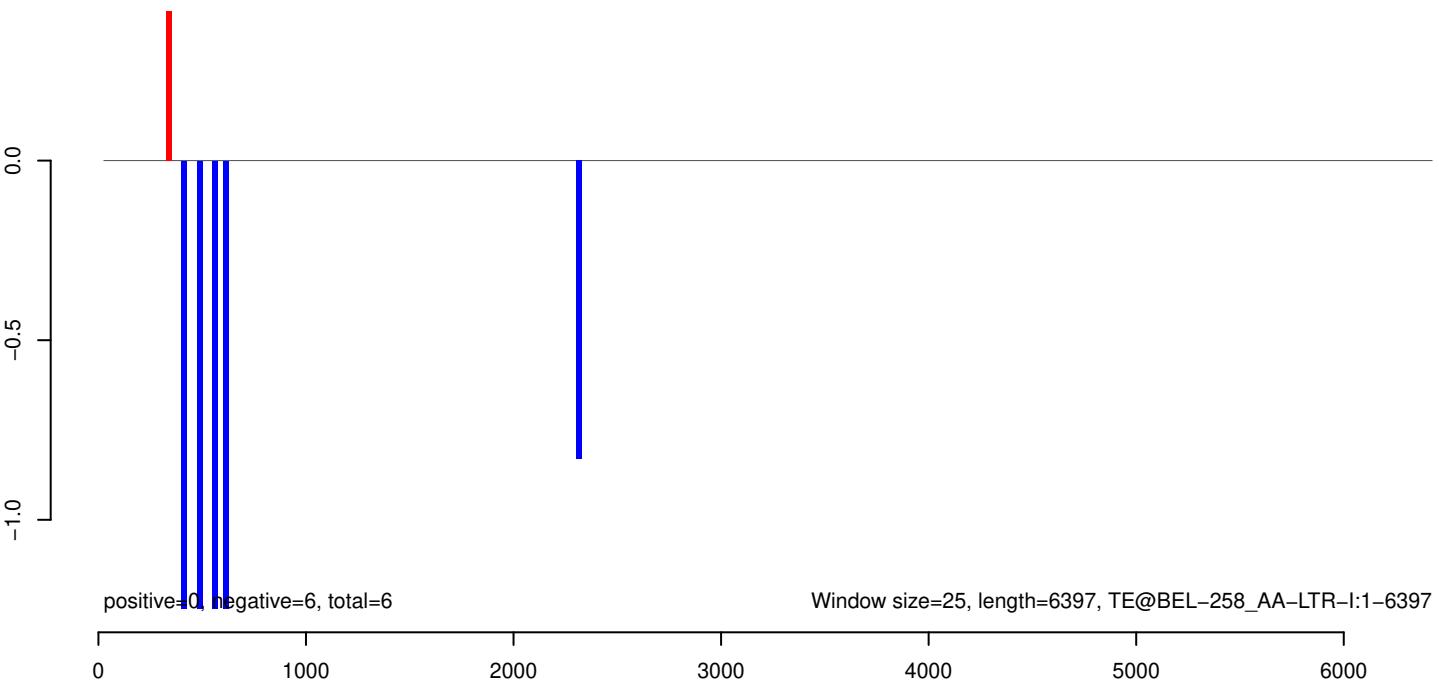
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=6, total=6

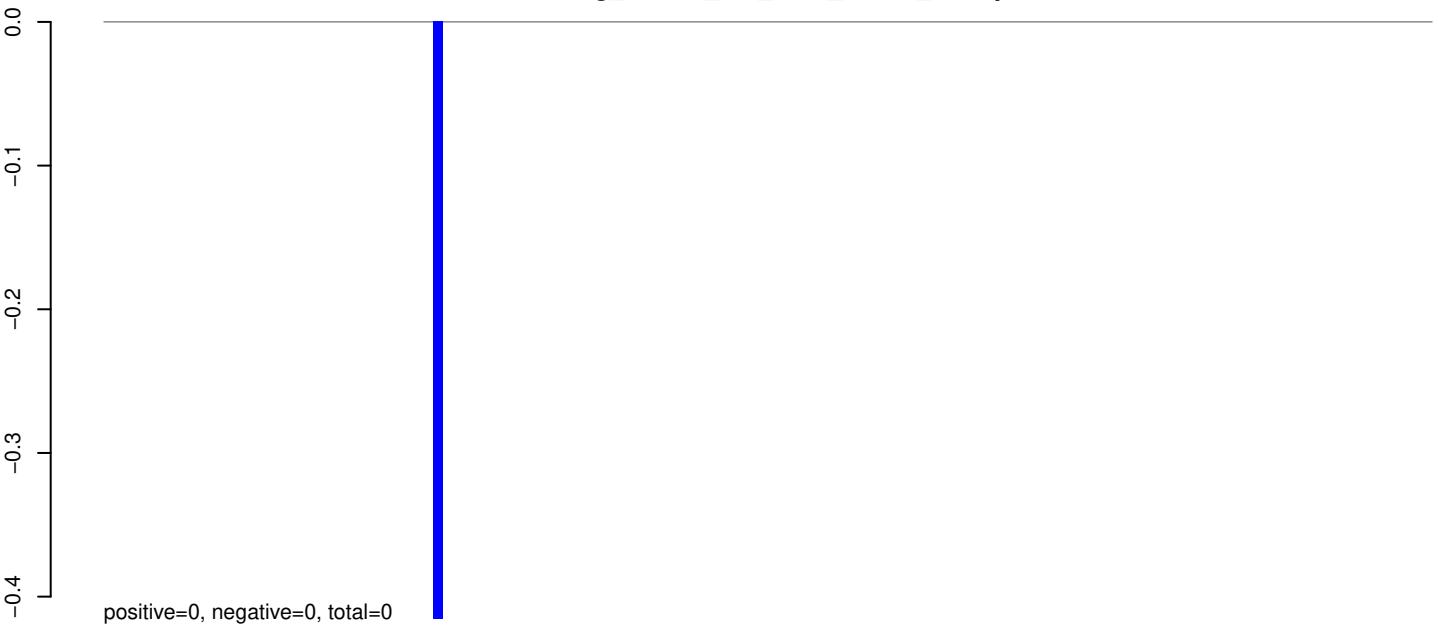
**AeAeg\_Whole\_sm\_r123\_JM.rep**



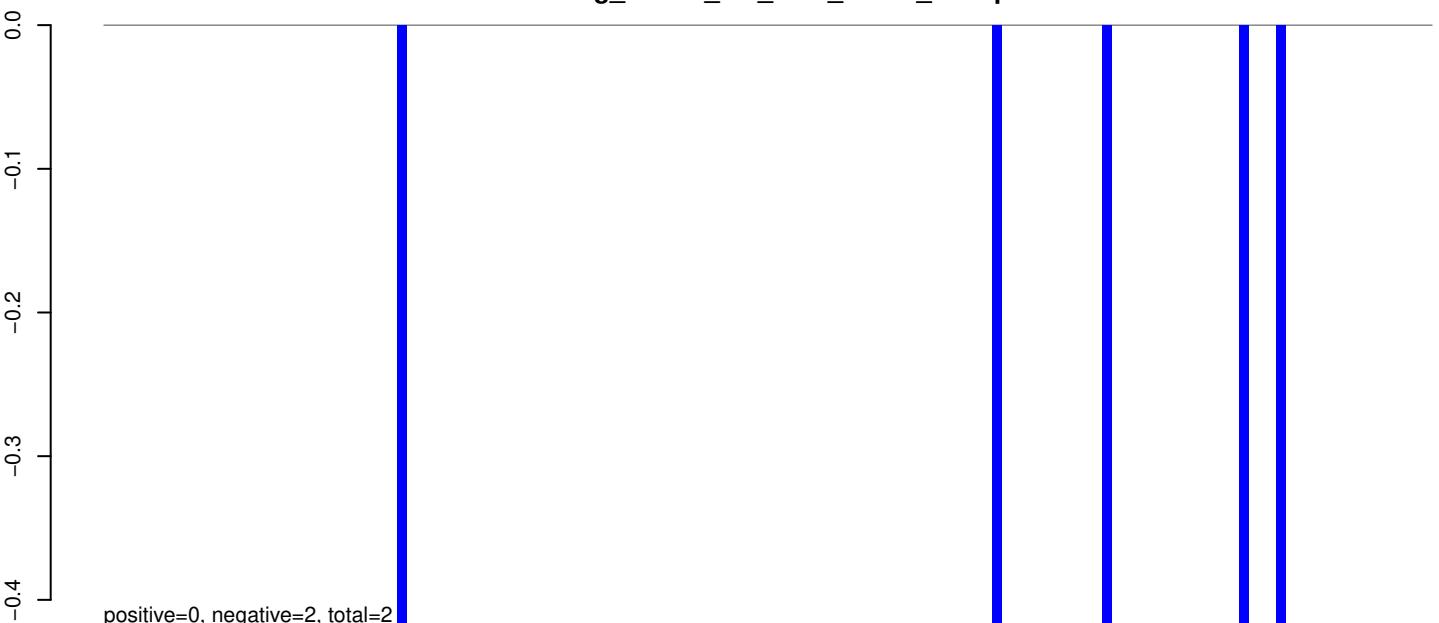
positive=0, negative=6, total=6

Window size=25, length=6397, TE@BEL-258\_AA-LTR-l:1-6397

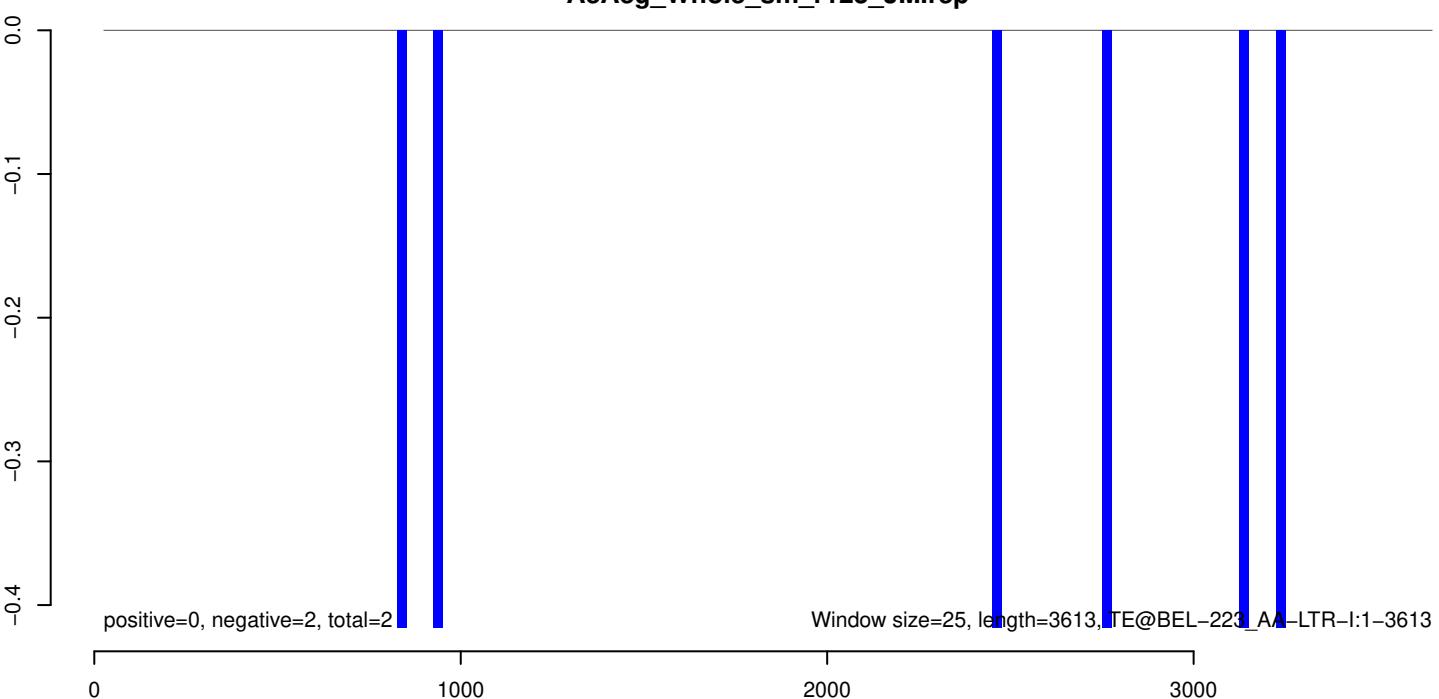
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



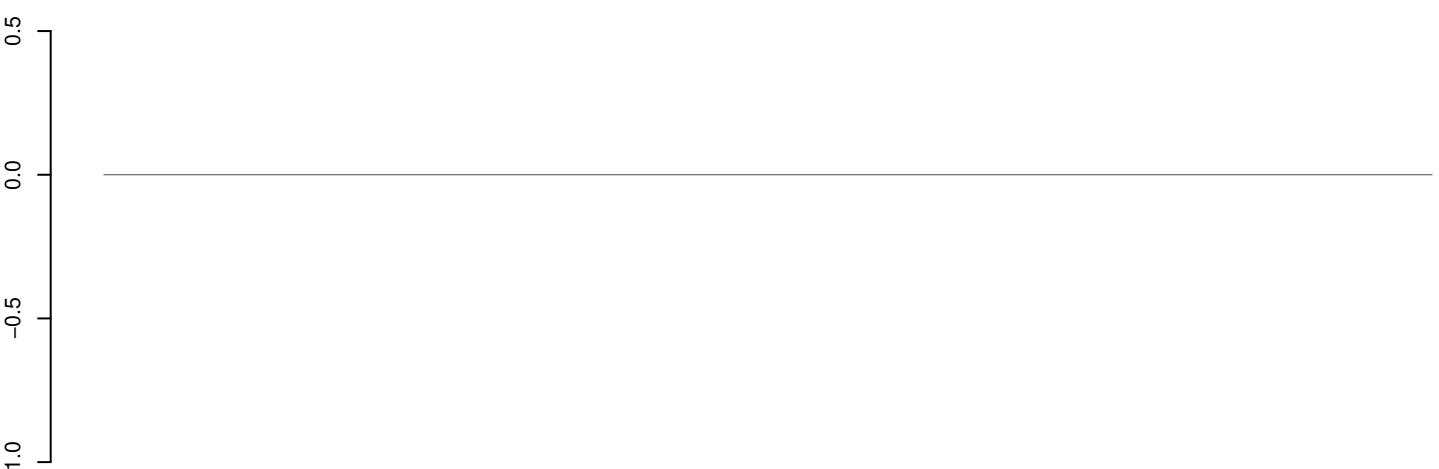
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

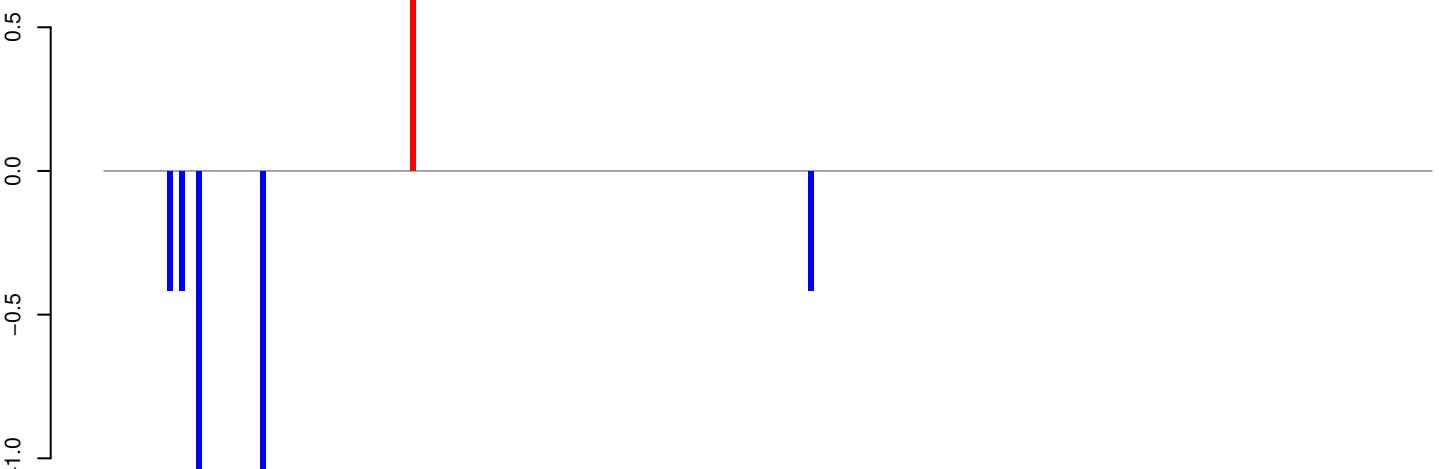


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



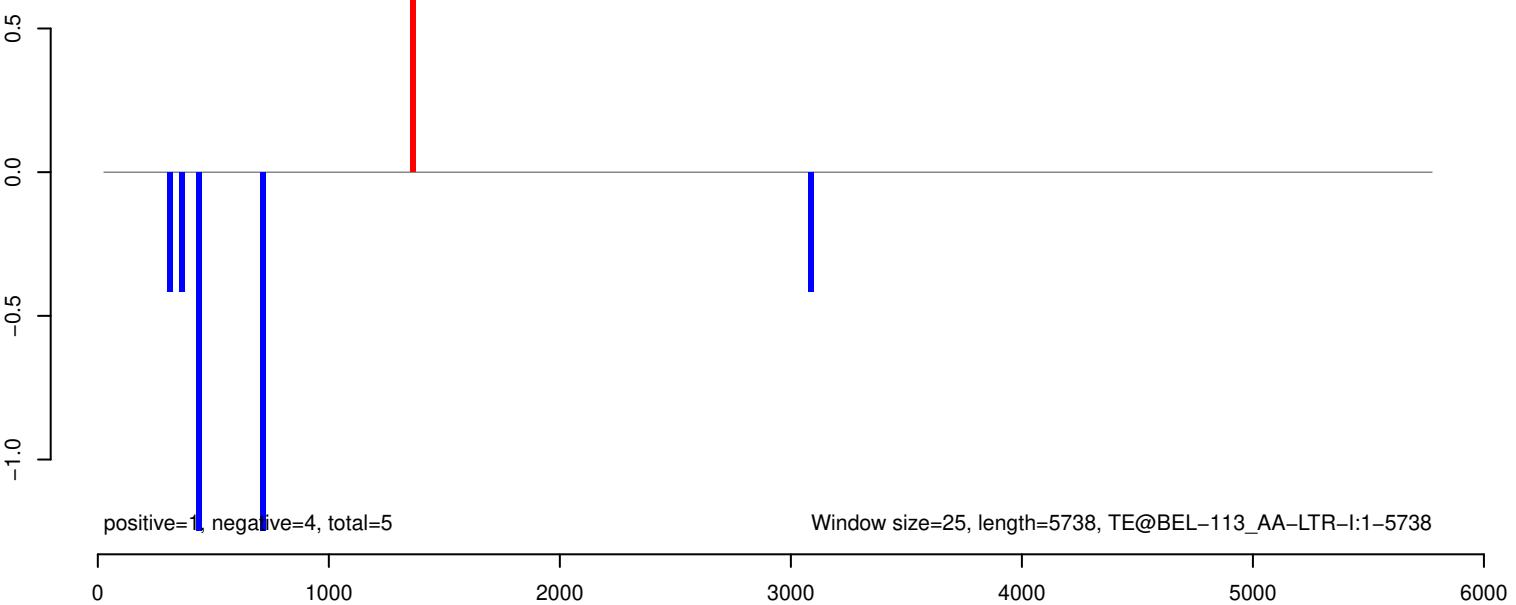
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=4, total=5

**AeAeg\_Whole\_sm\_r123\_JM.rep**

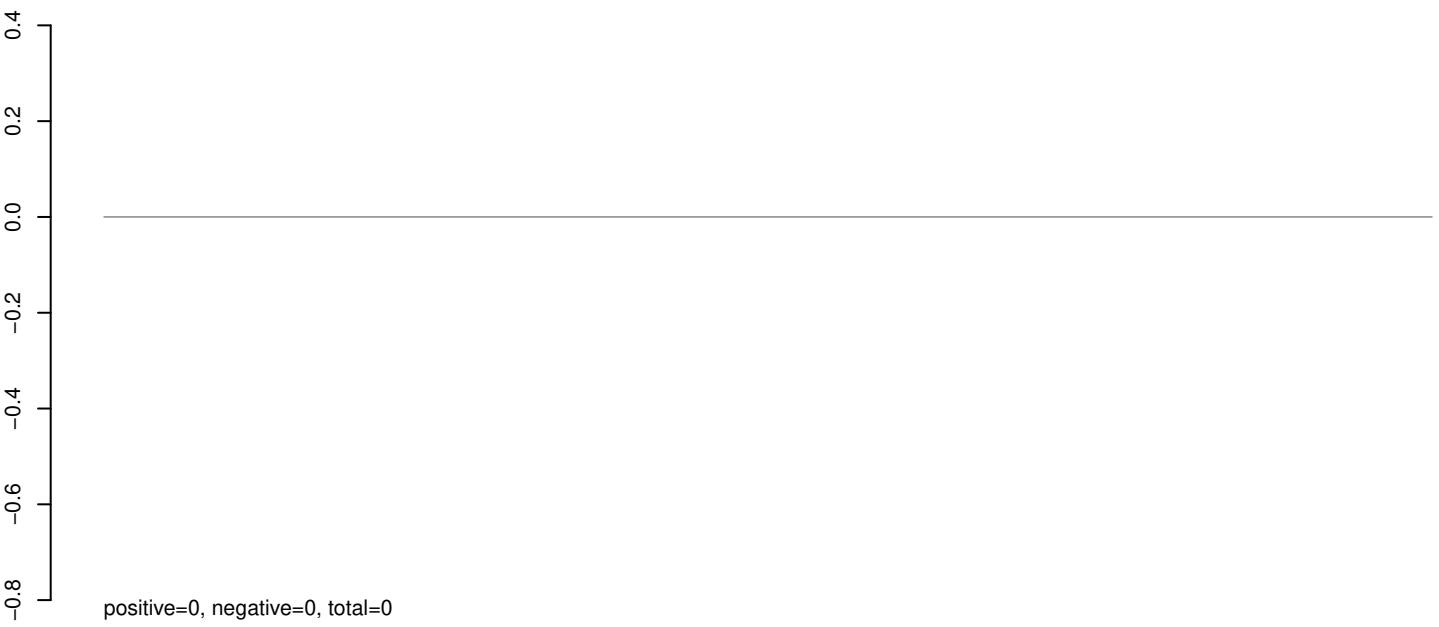


positive=1, negative=4, total=5

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

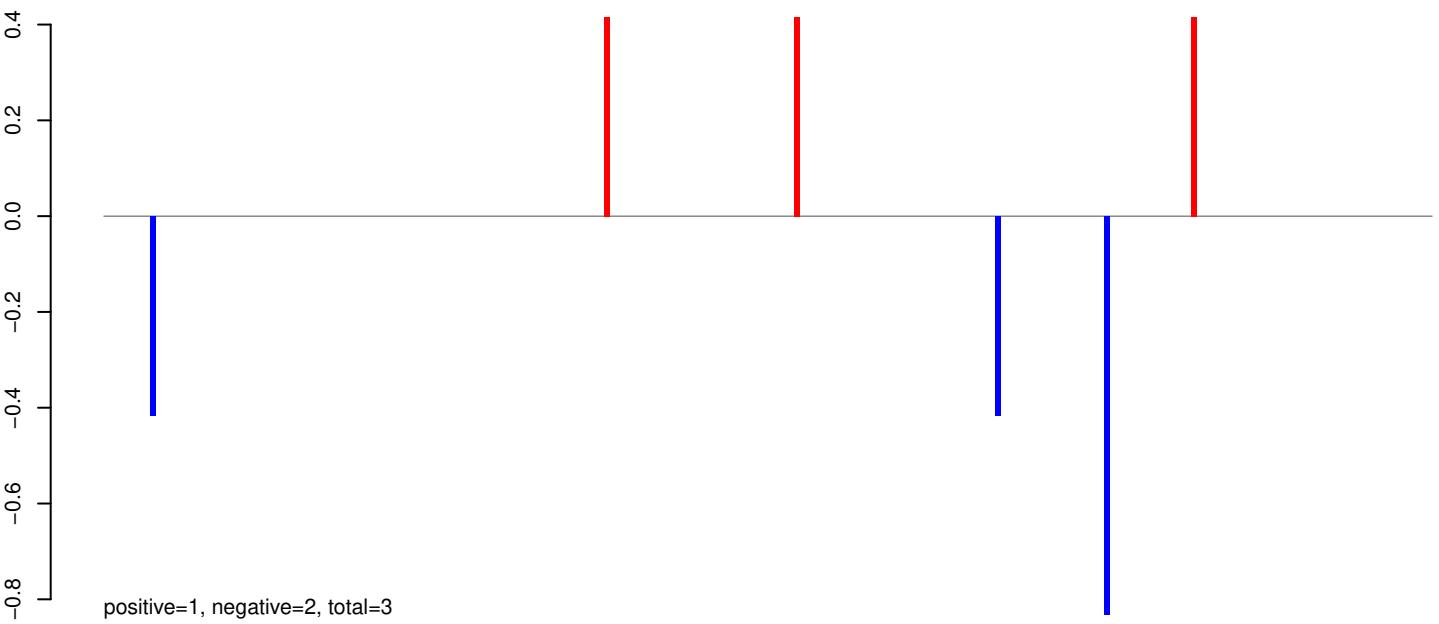
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

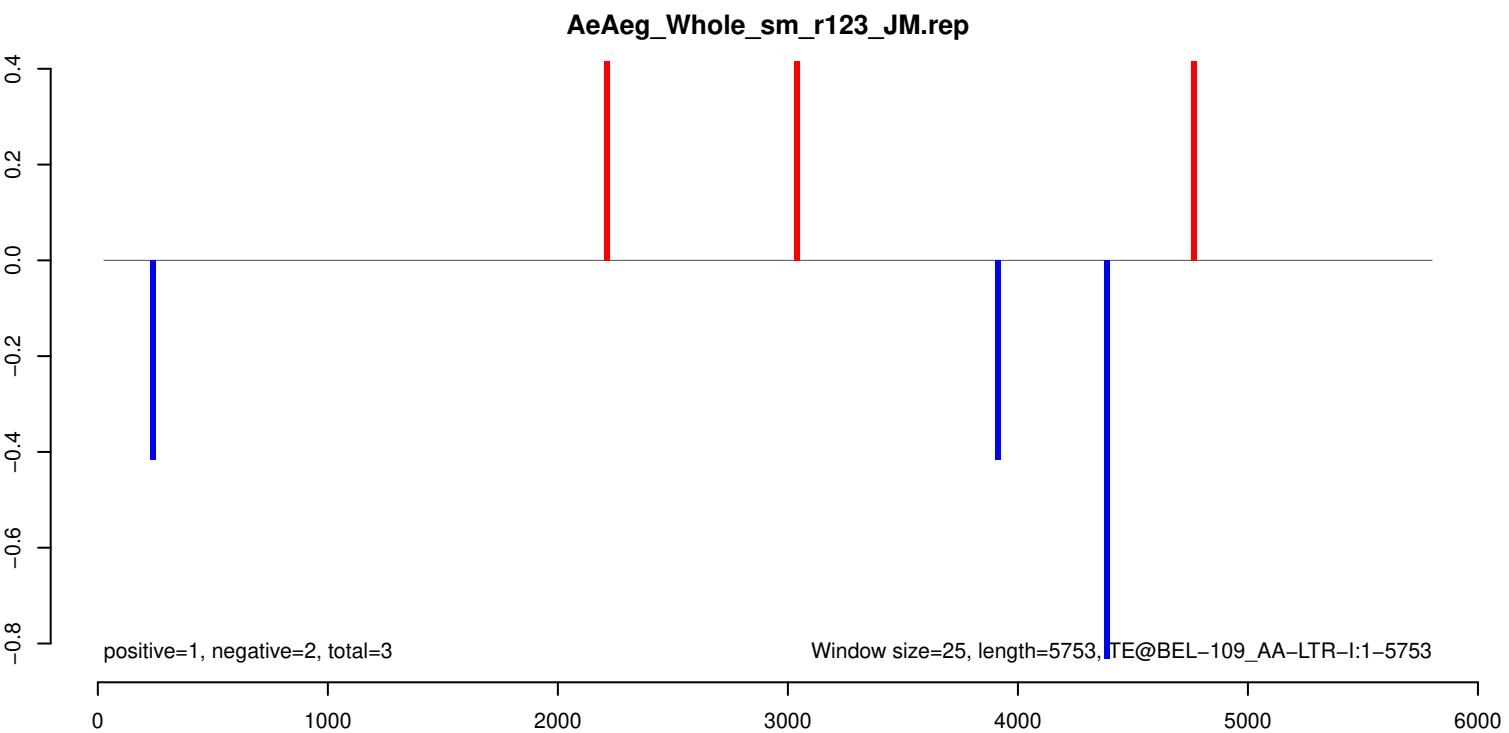
positive=1, negative=2, total=3



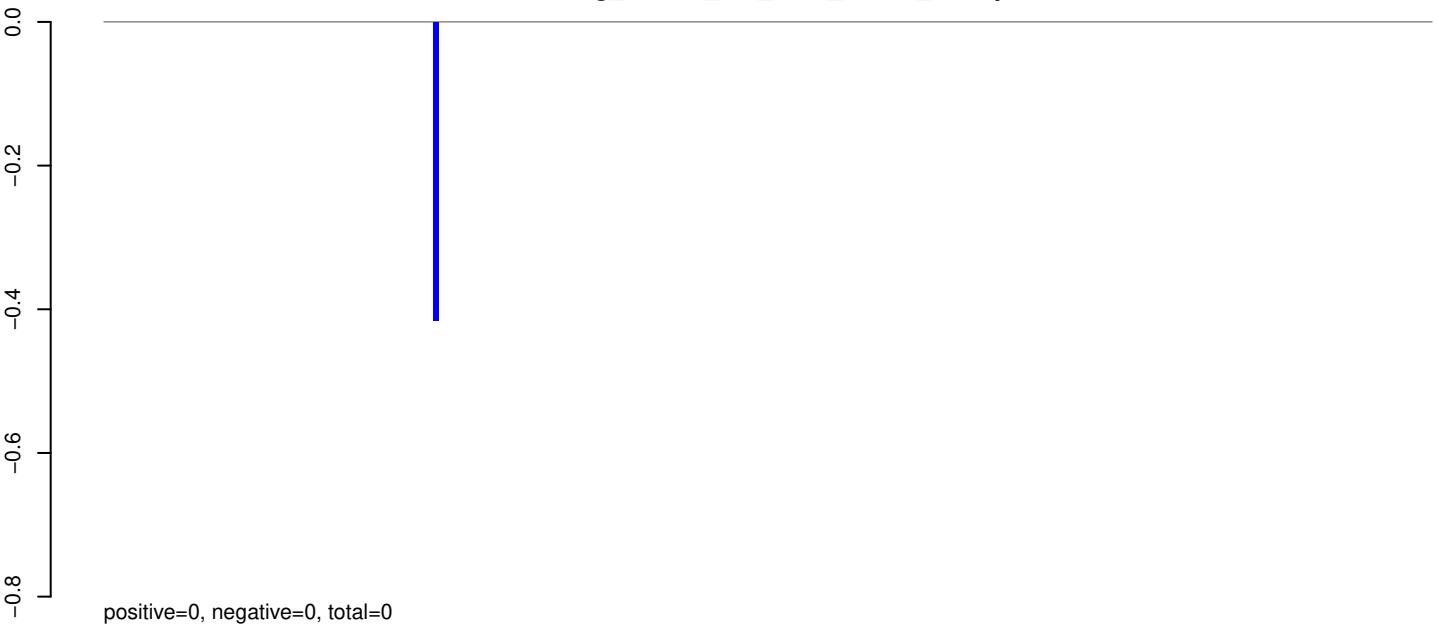
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=2, total=3

Window size=25, length=5753, TE@BEL-109\_AA-LTR-I:1-5753



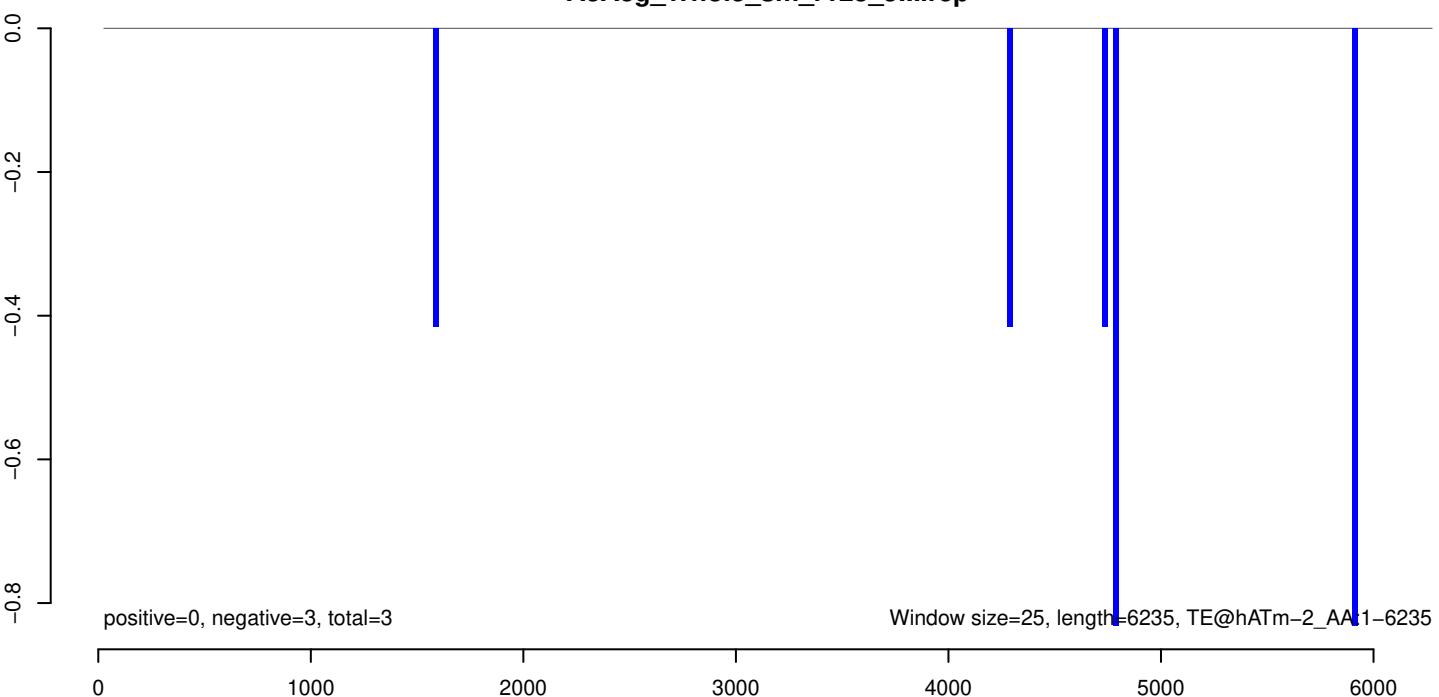
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



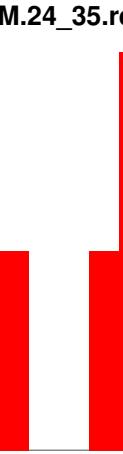
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=1, negative=1, total=2



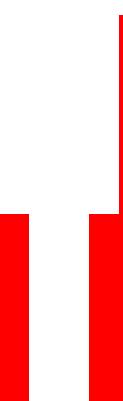
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=2, negative=0, total=2



AeAeg\_Whole\_sm\_r123\_JM.rep

positive=3, negative=1, total=4



Window size=25, length=1087, TE@aedes\_aegypti\_67\_4-Unknown:1-1087

0 200 400 600 800 1000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=2, total=3

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=2, total=3   Window size=25   length=2018, TE@aedes4kgr2k10pd1-AAGE01014110\_7666bp-TE-UNKNOWN:1-2018

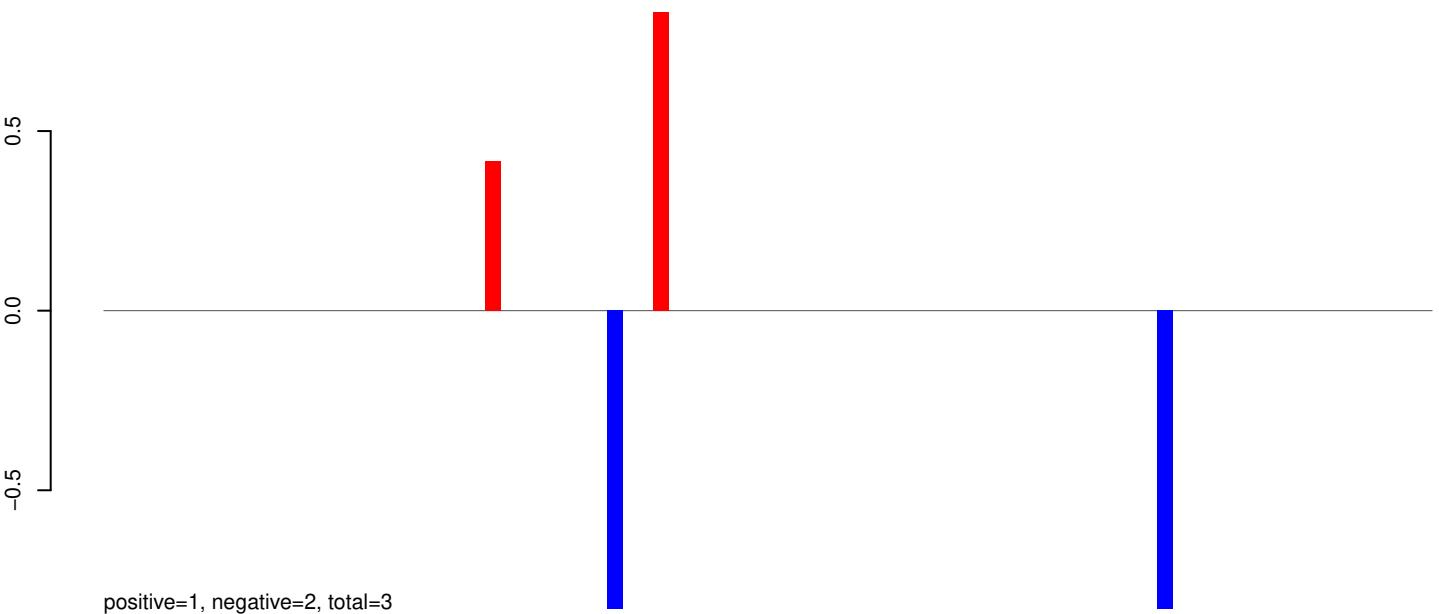
0 500 1000 1500 2000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



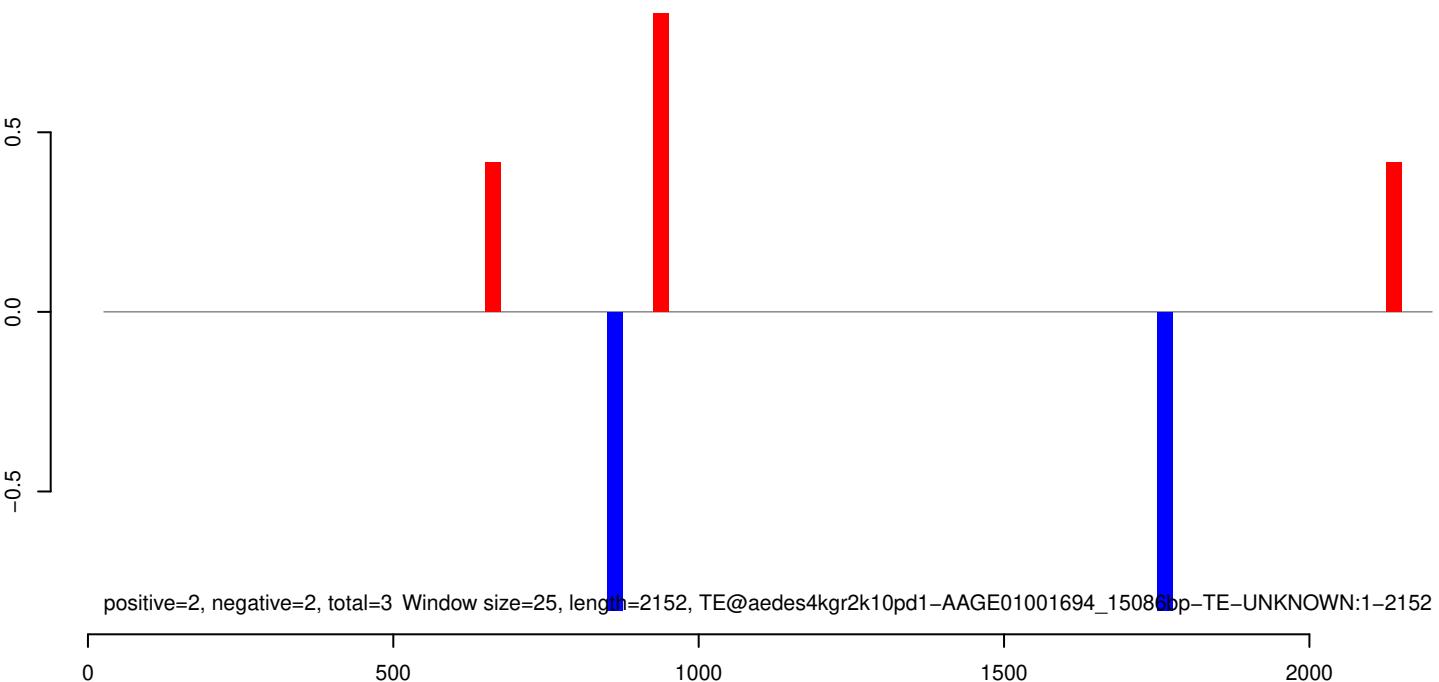
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



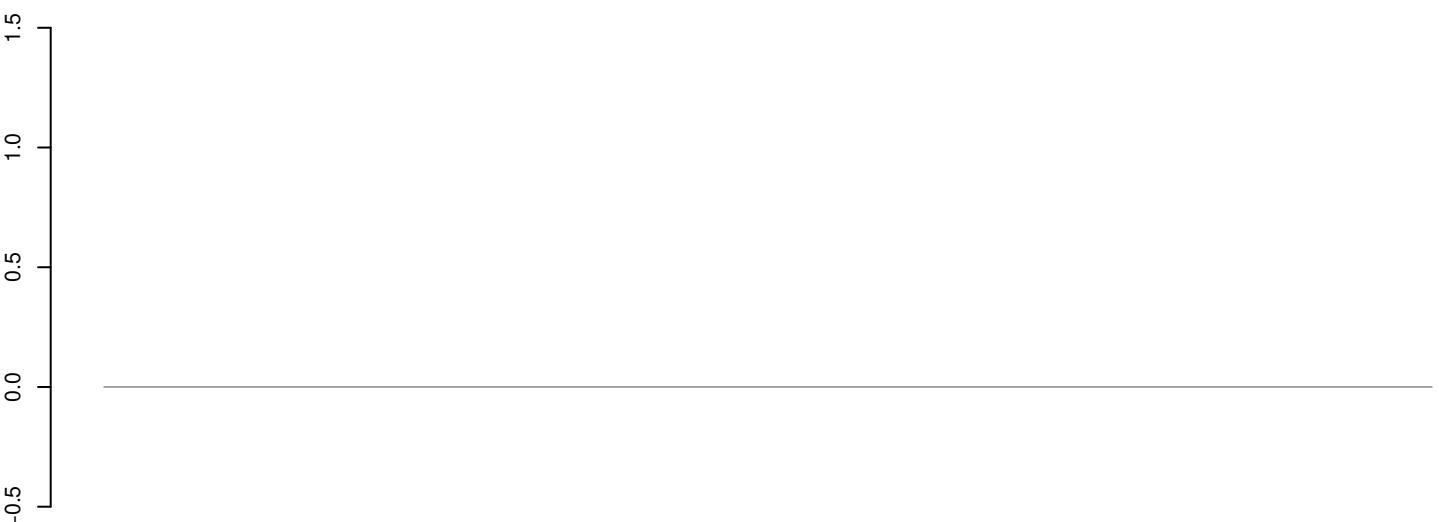
positive=1, negative=2, total=3

### AeAeg\_Whole\_sm\_r123\_JM.rep



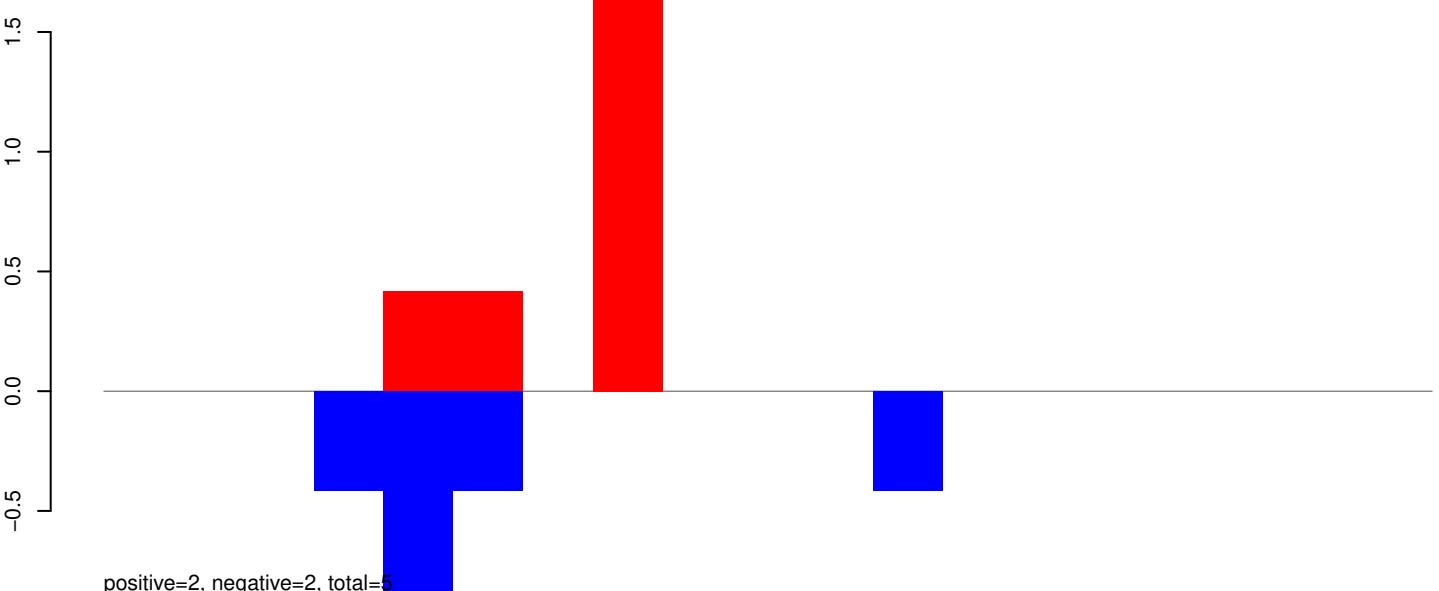
positive=2, negative=2, total=3 Window size=25, length=2152, TE@aedes4kgr2k10pd1-AAGE01001694\_15086bp-TE-UNKNOWN:1-2152

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



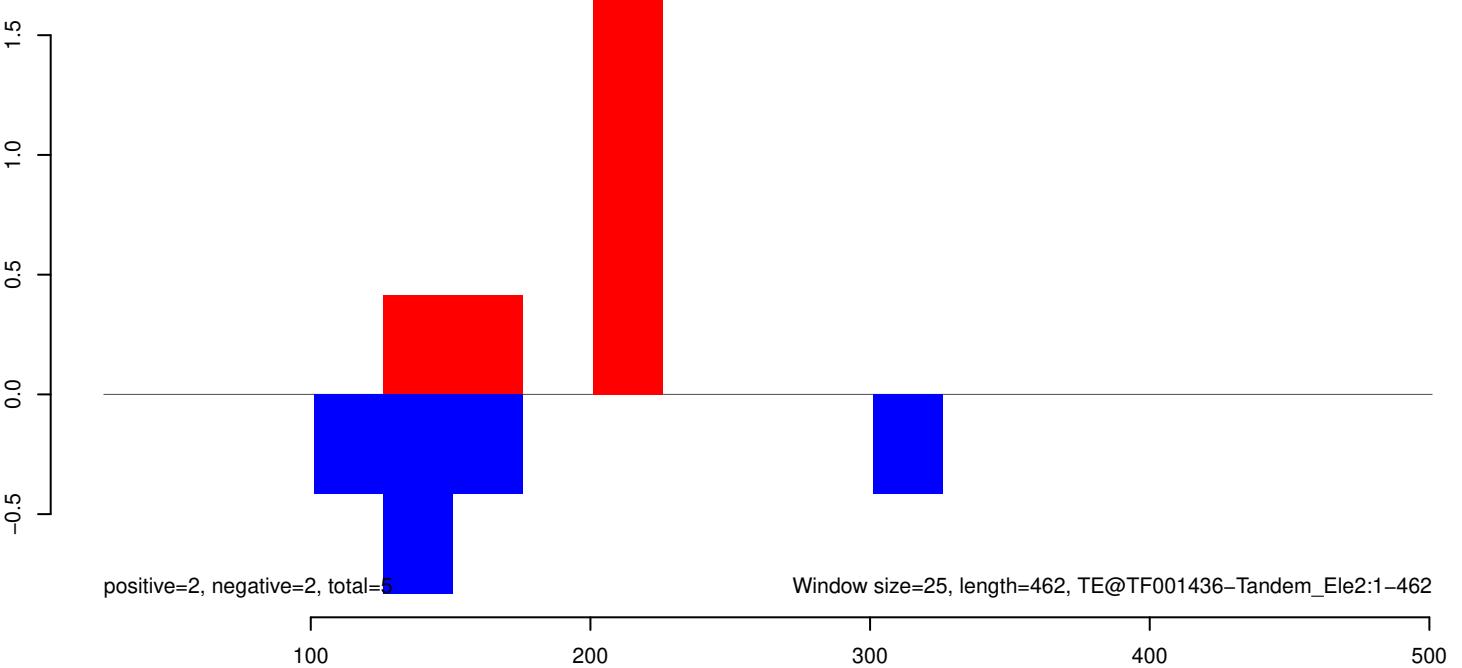
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=2, total=5

**AeAeg\_Whole\_sm\_r123\_JM.rep**

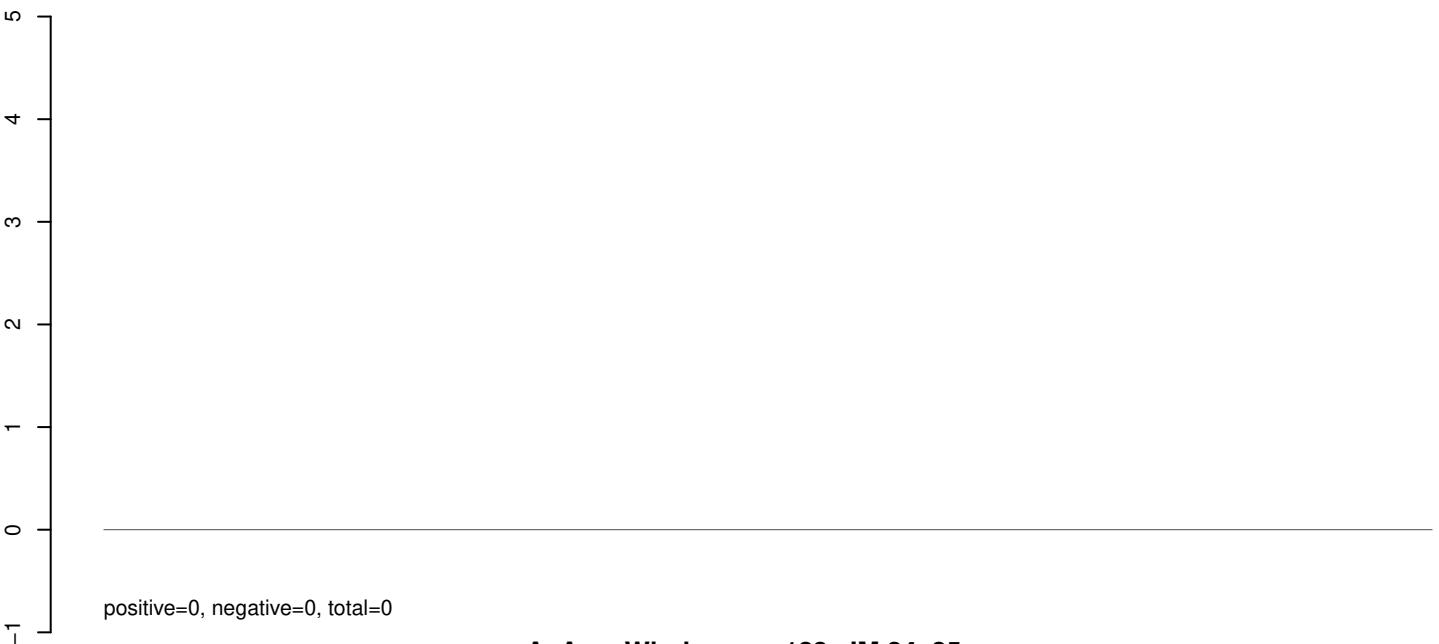


positive=2, negative=2, total=5

Window size=25, length=462, TE@TF001436-Tandem\_Ele2:1-462

100 200 300 400 500

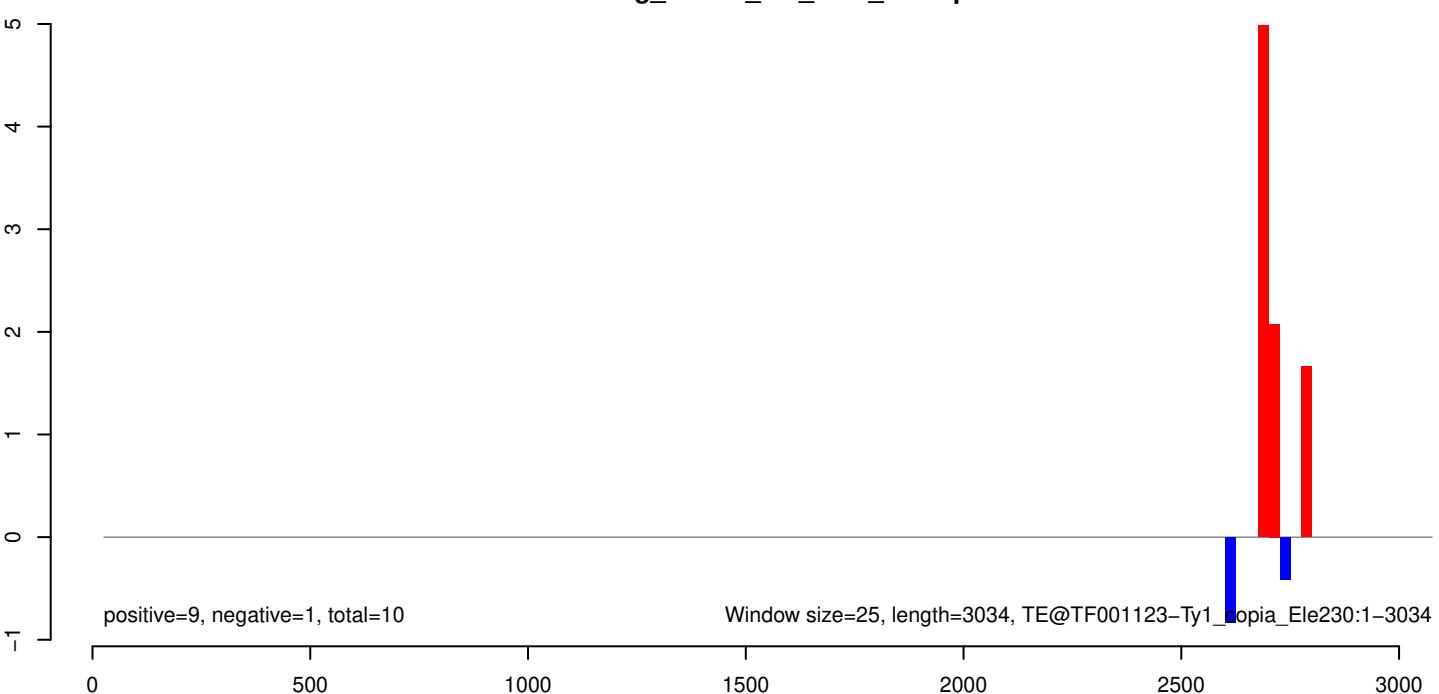
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



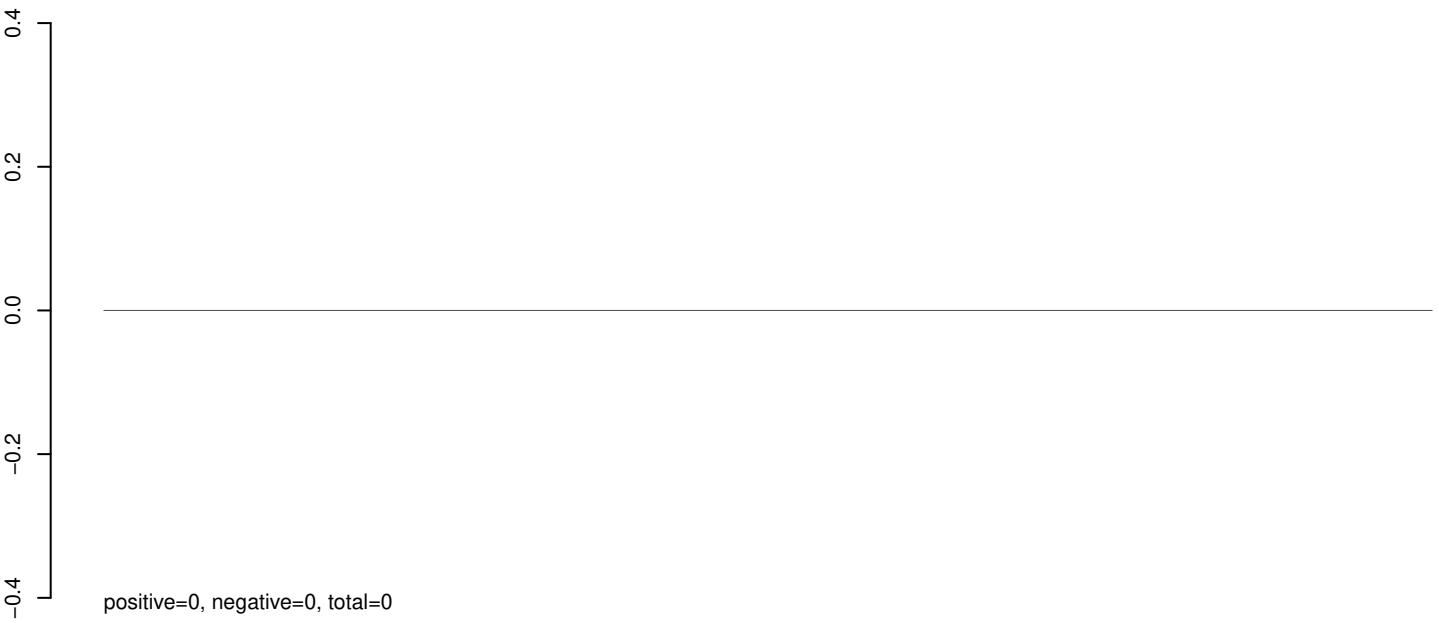
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



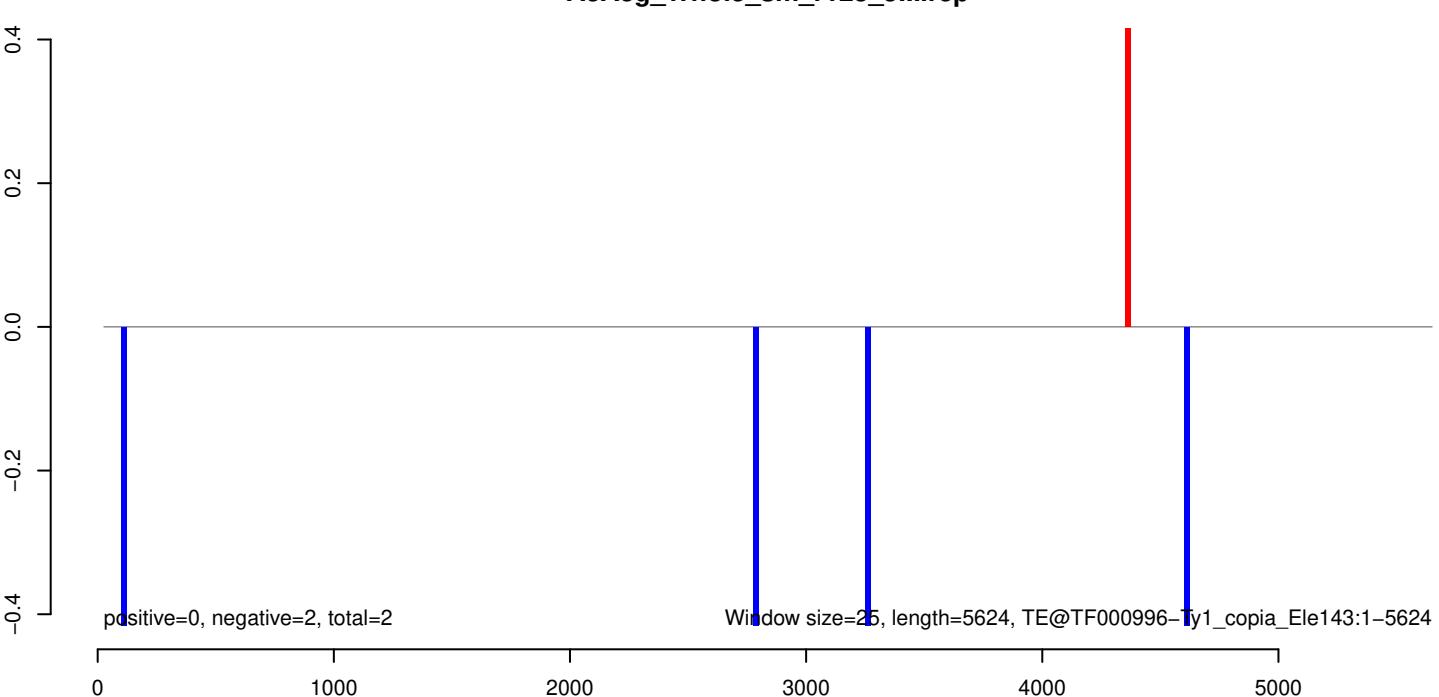
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



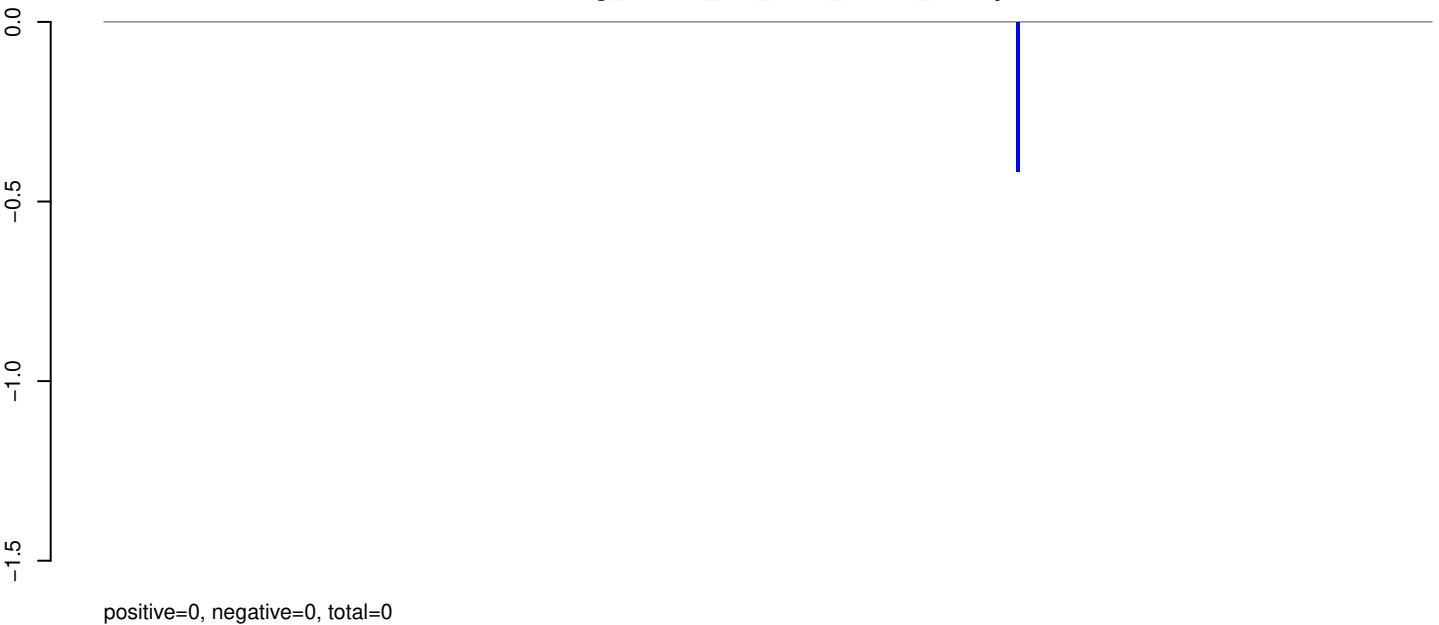
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



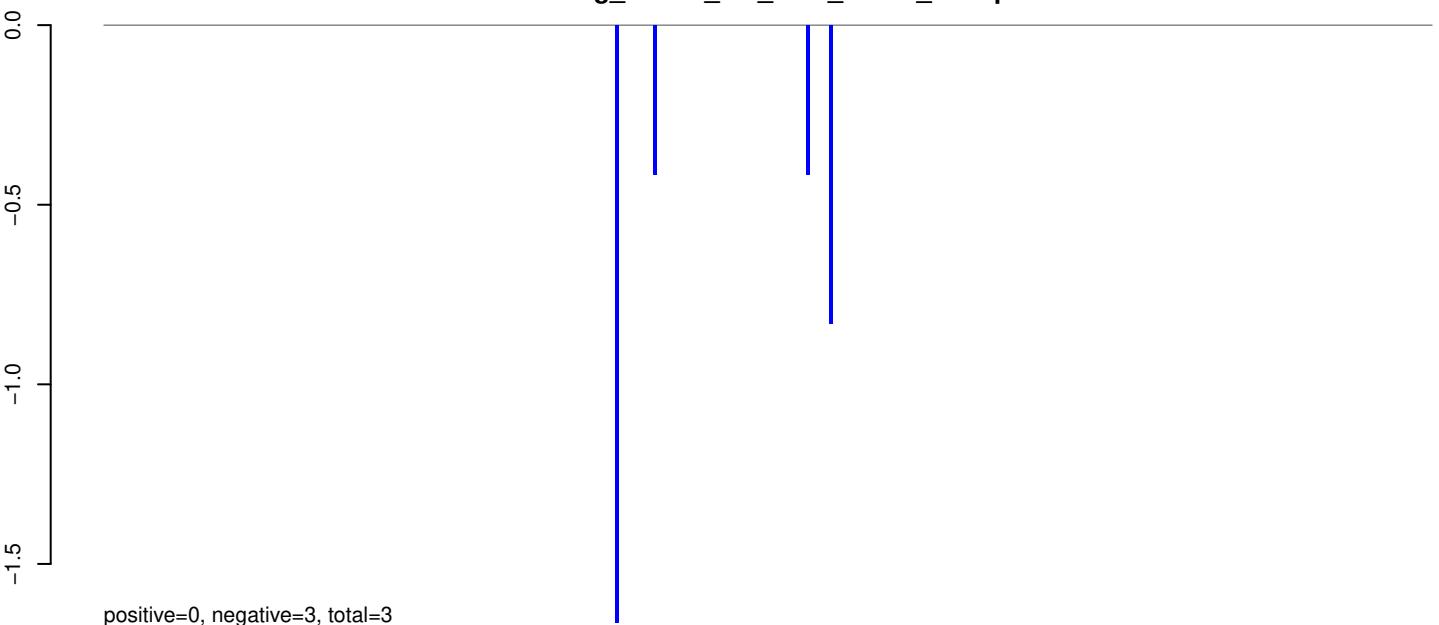
### AeAeg\_Whole\_sm\_r123\_JM.rep



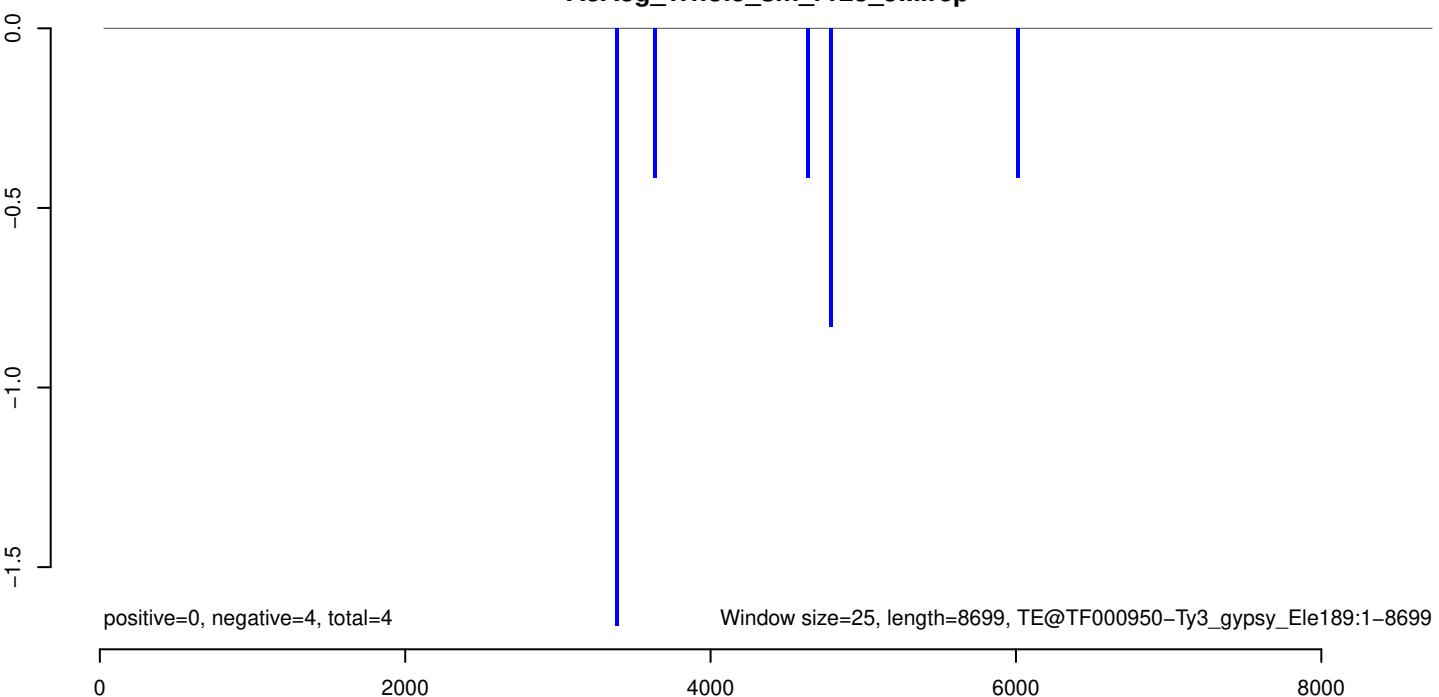
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



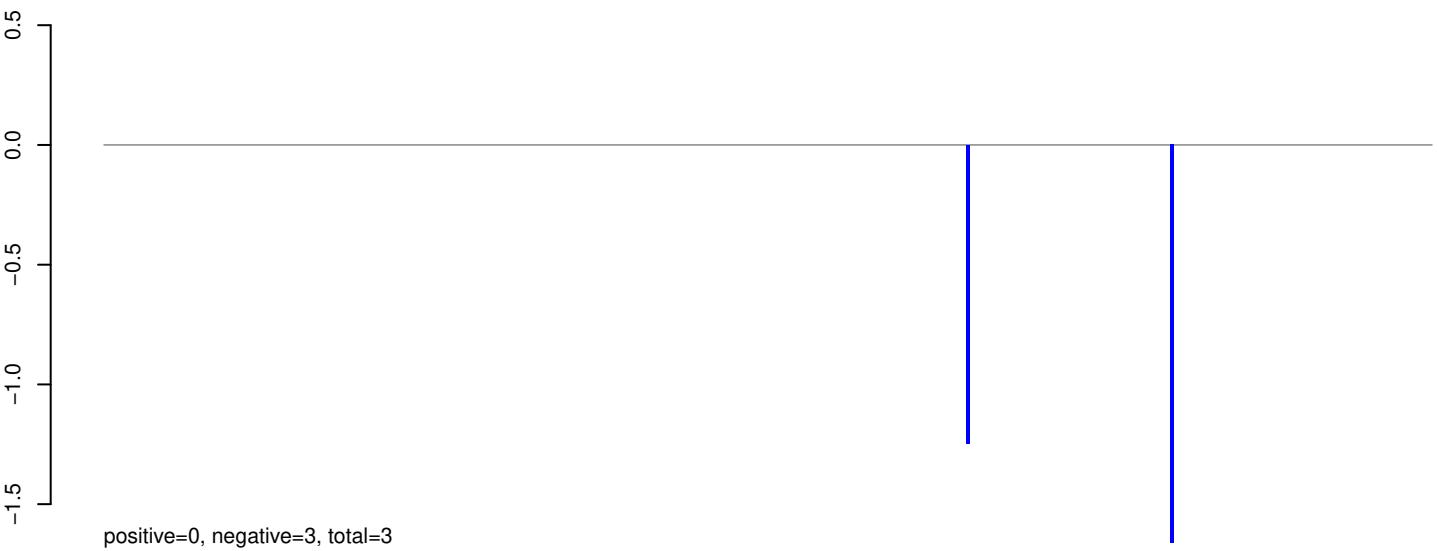
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



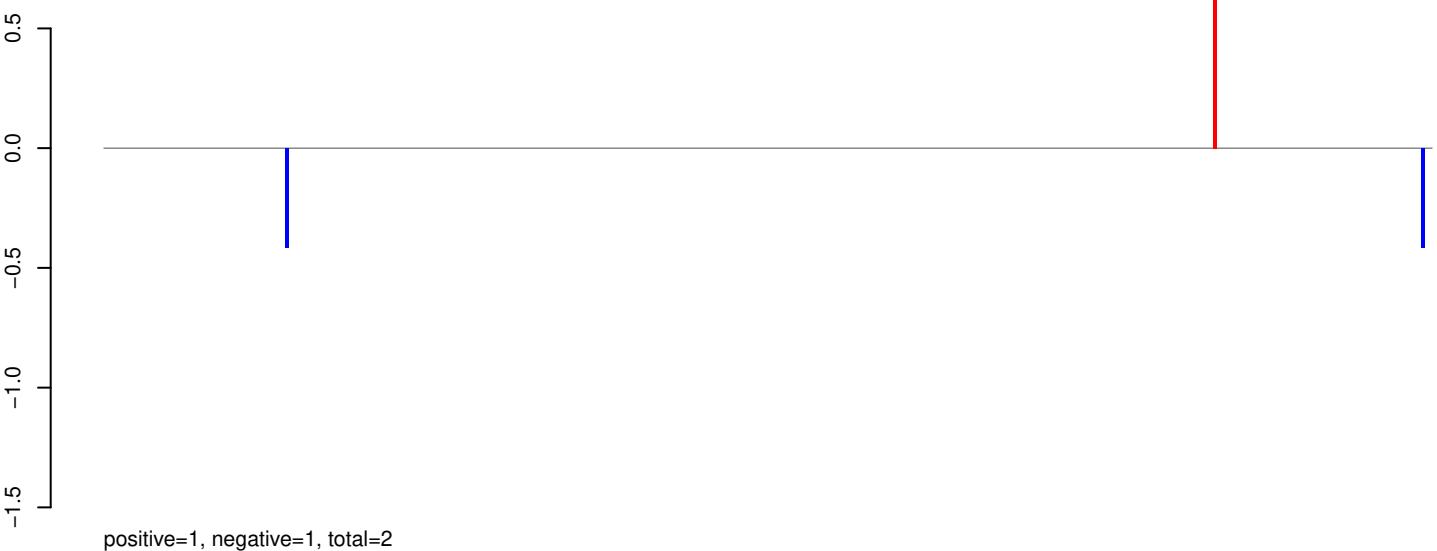
### AeAeg\_Whole\_sm\_r123\_JM.rep



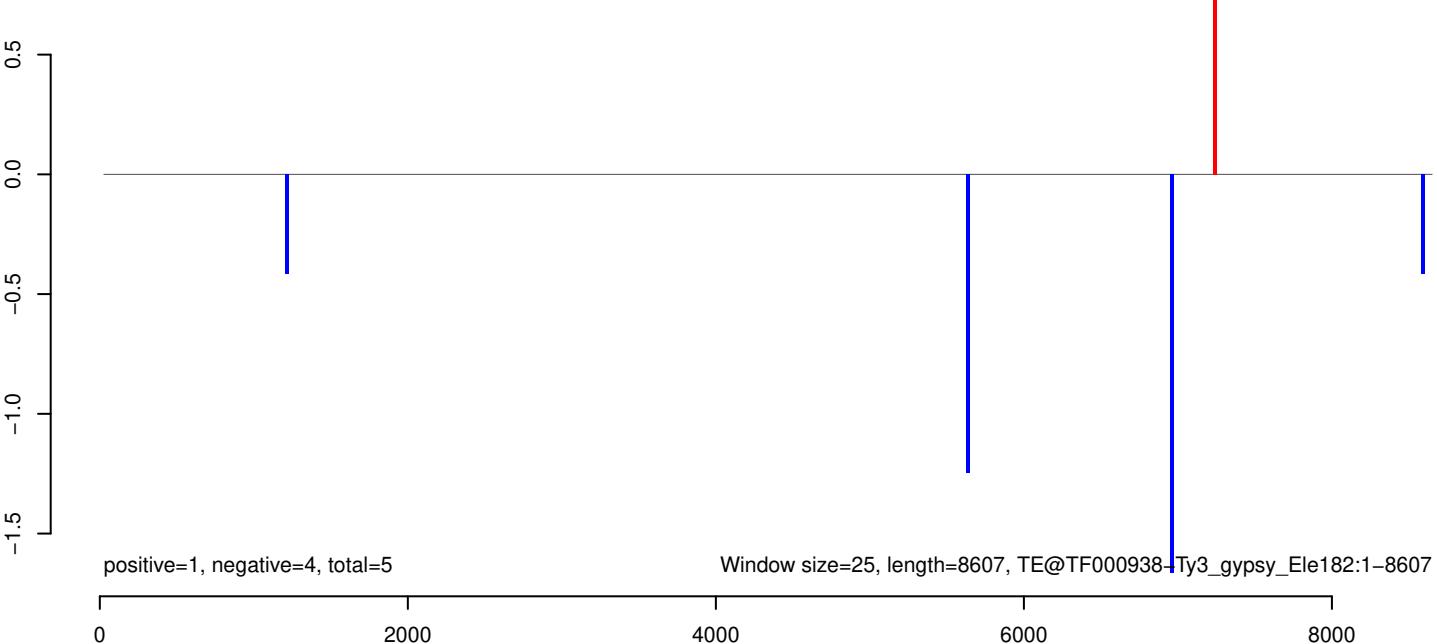
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



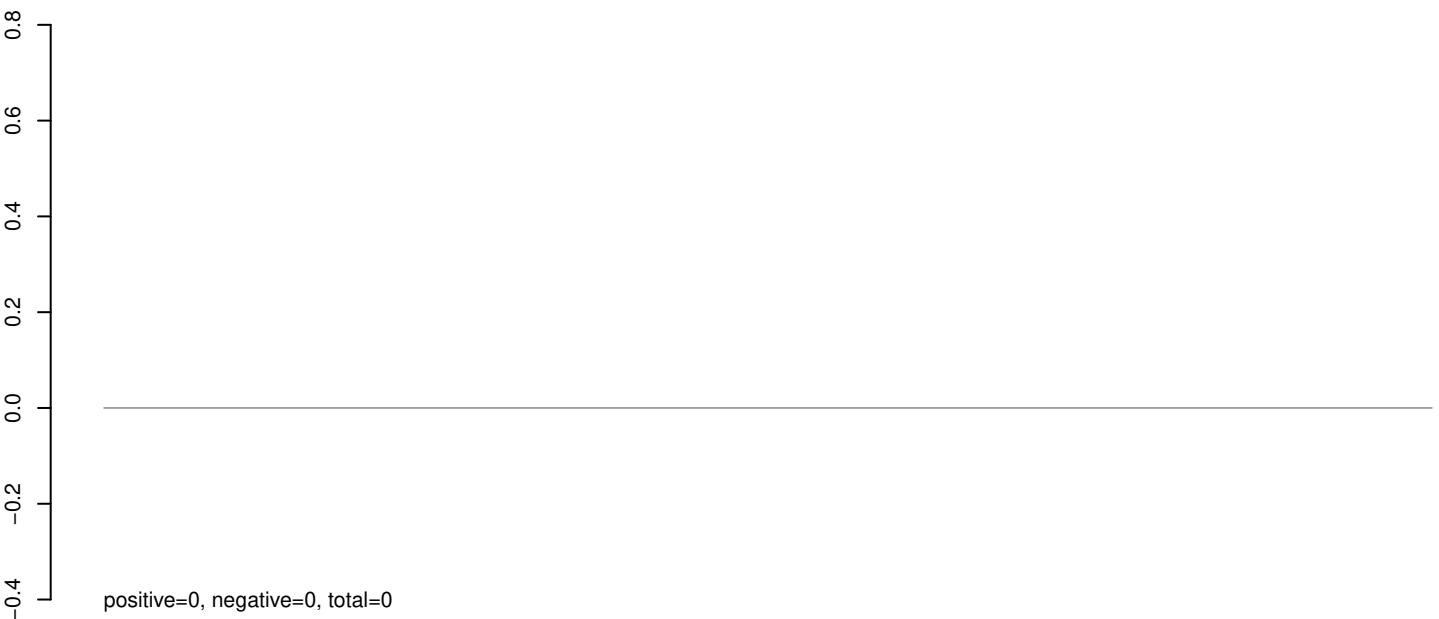
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



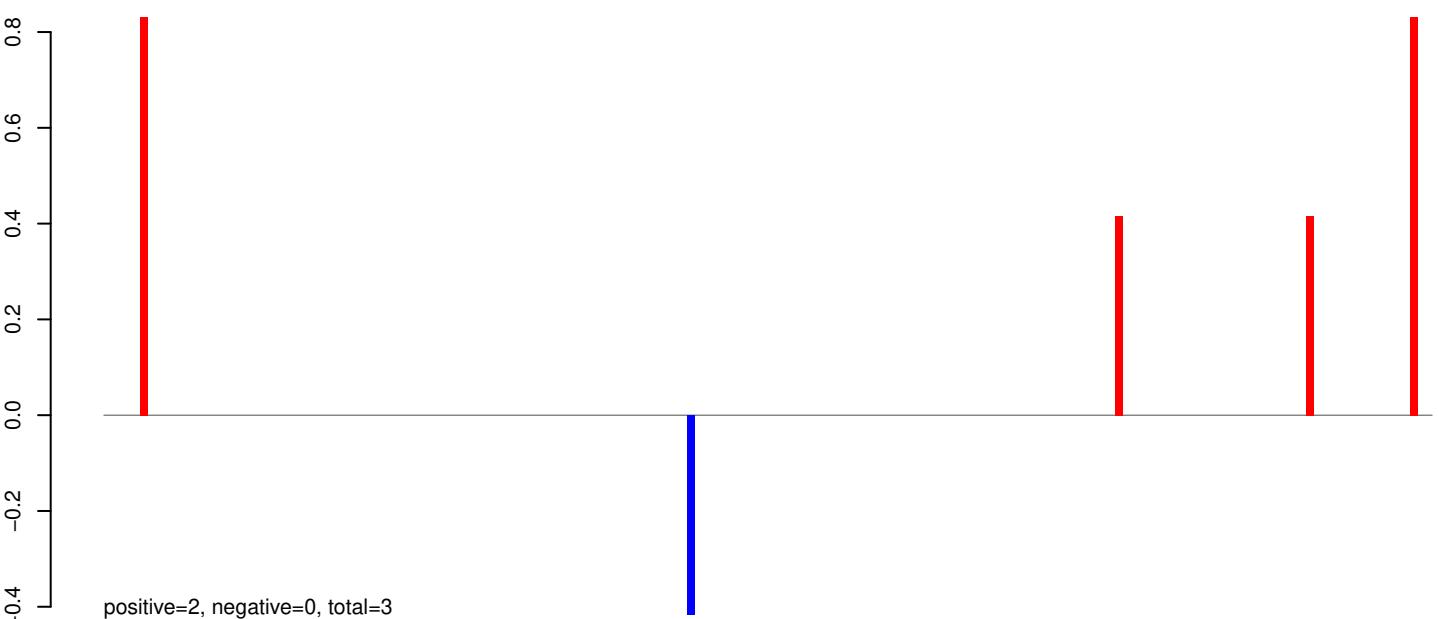
**AeAeg\_Whole\_sm\_r123\_JM.rep**



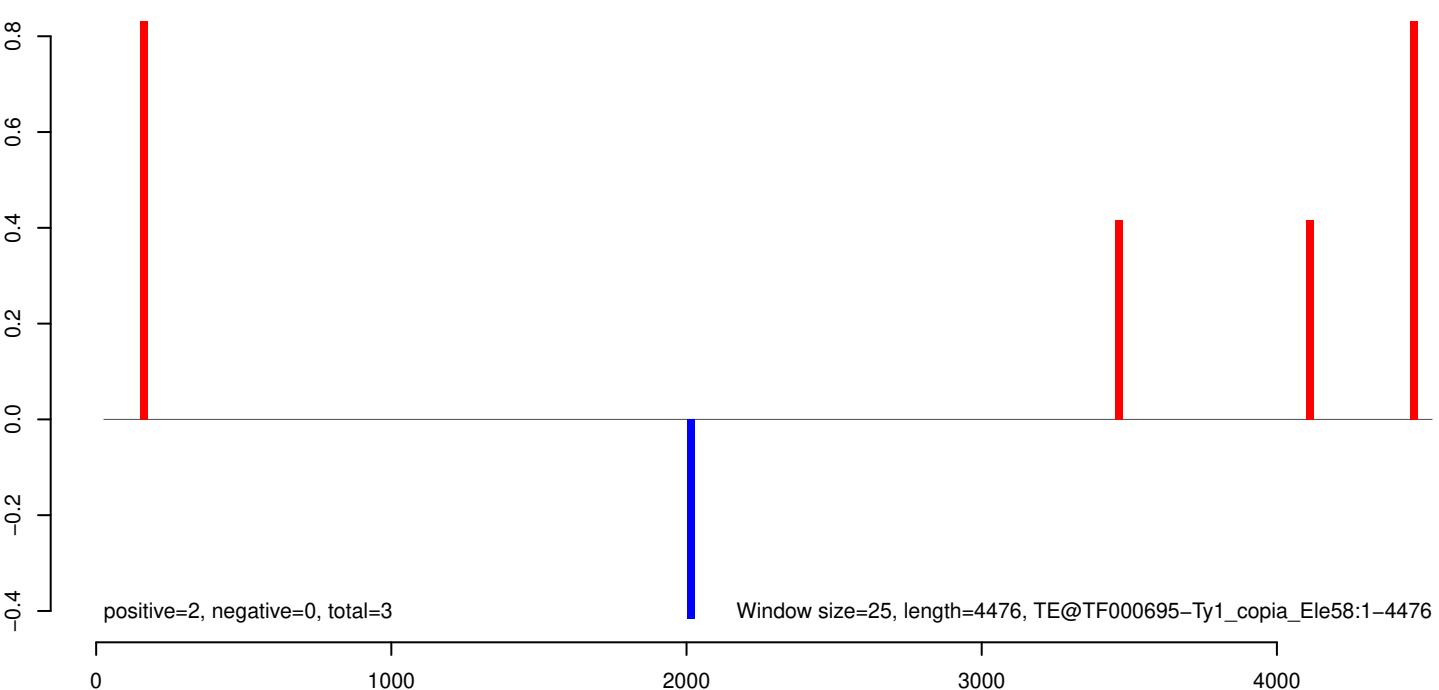
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



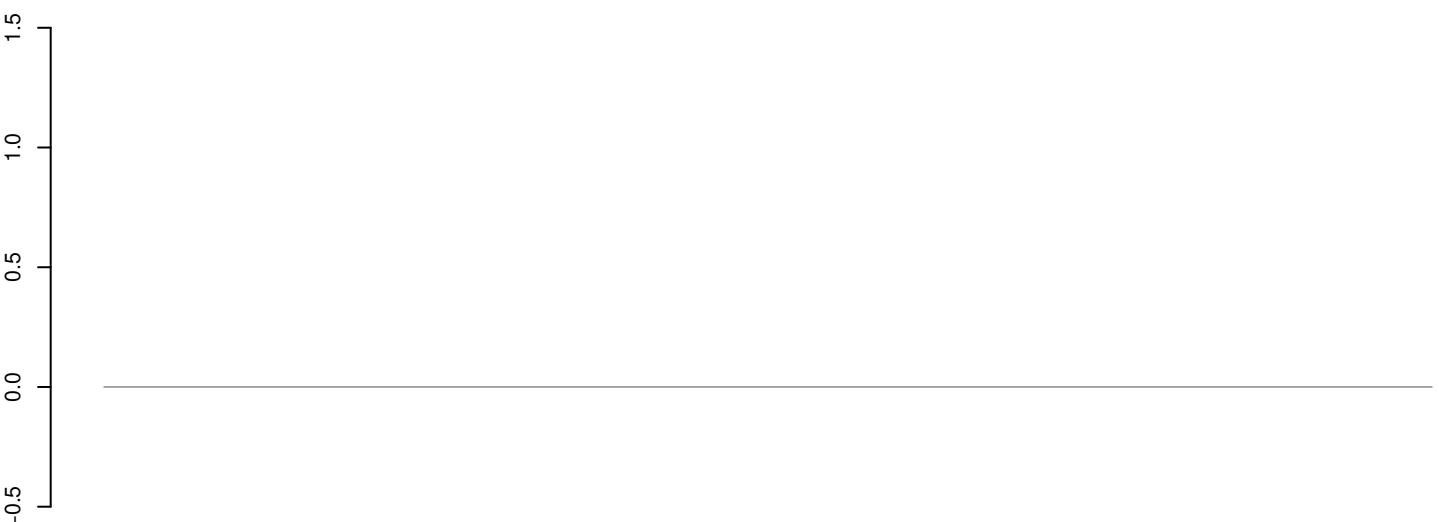
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

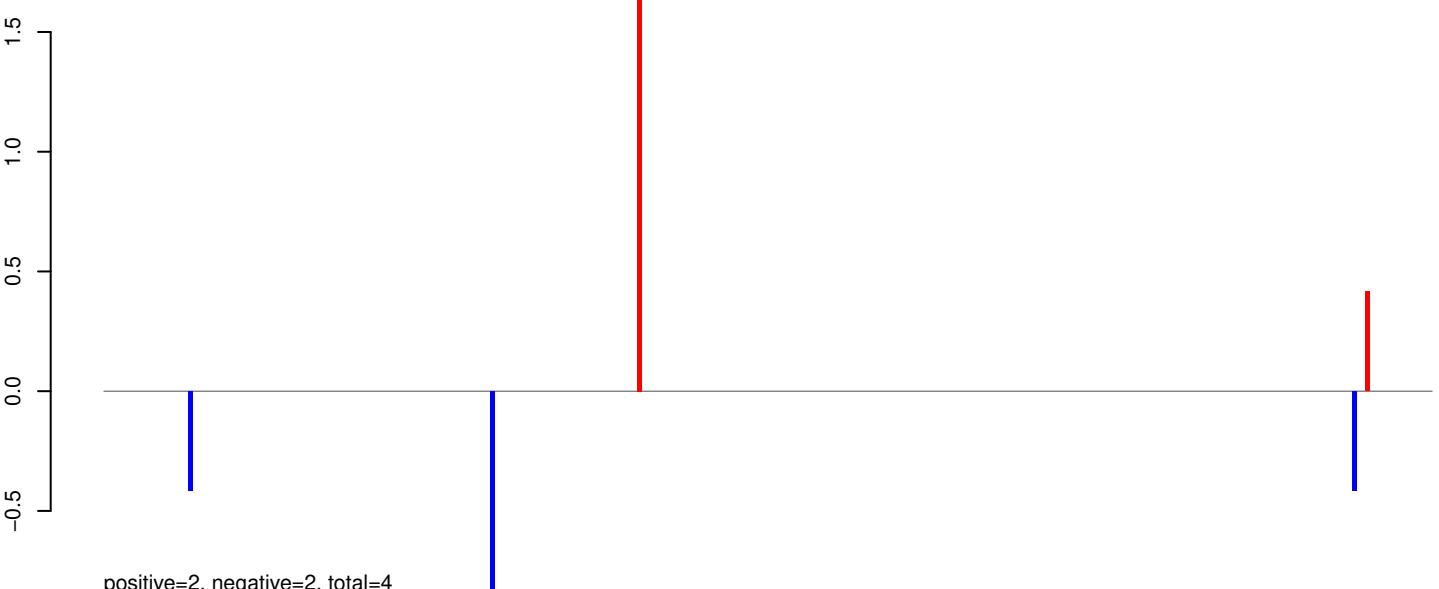


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



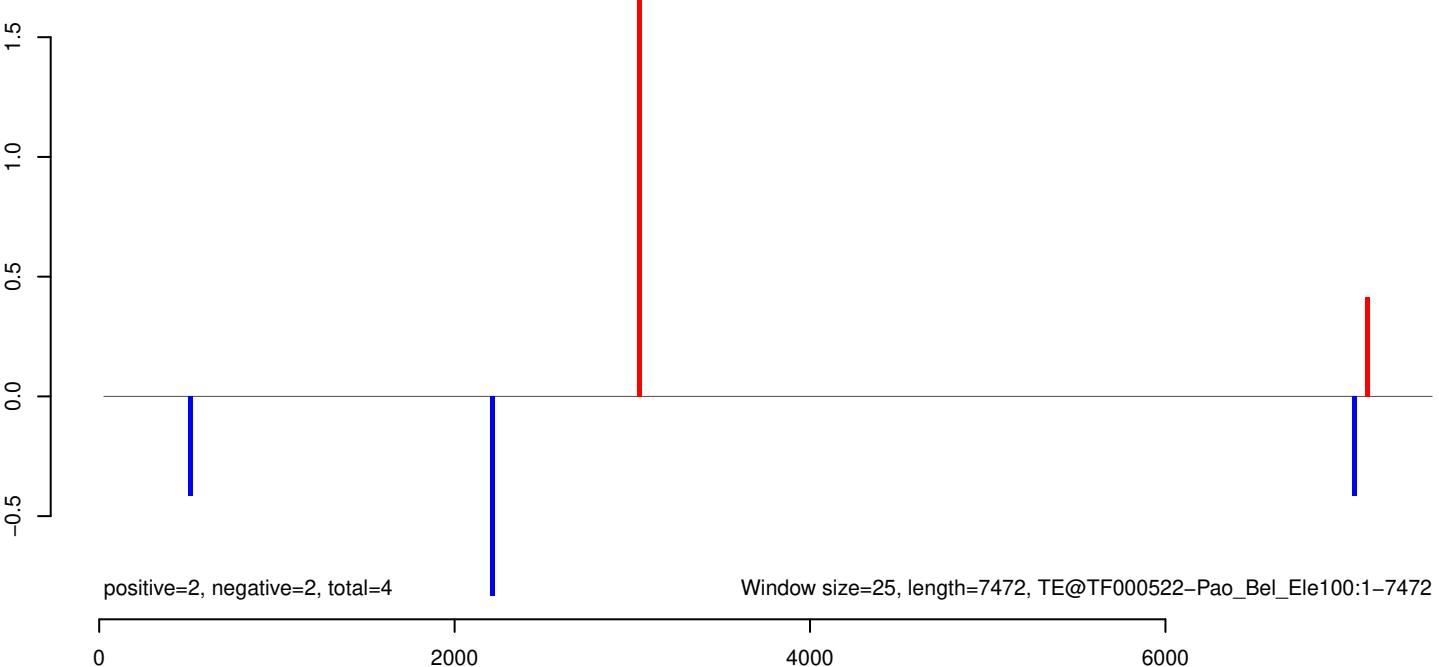
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=2, total=4

**AeAeg\_Whole\_sm\_r123\_JM.rep**

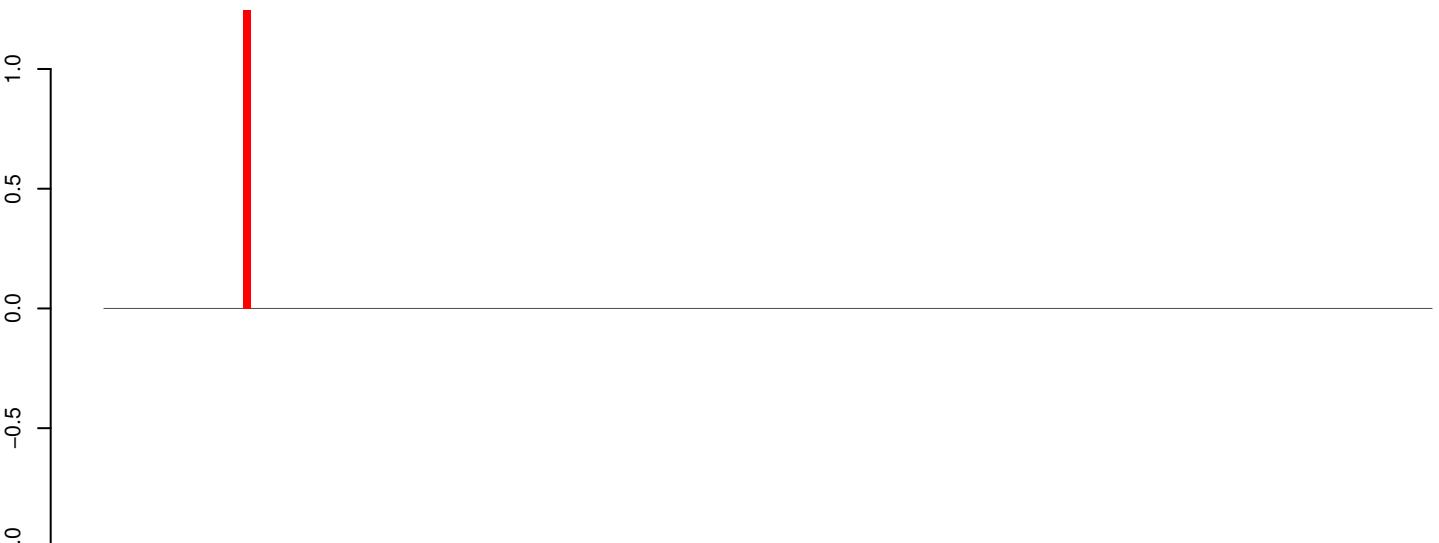


positive=2, negative=2, total=4

Window size=25, length=7472, TE@TF000522-Pao\_Bel\_Ele100:1-7472

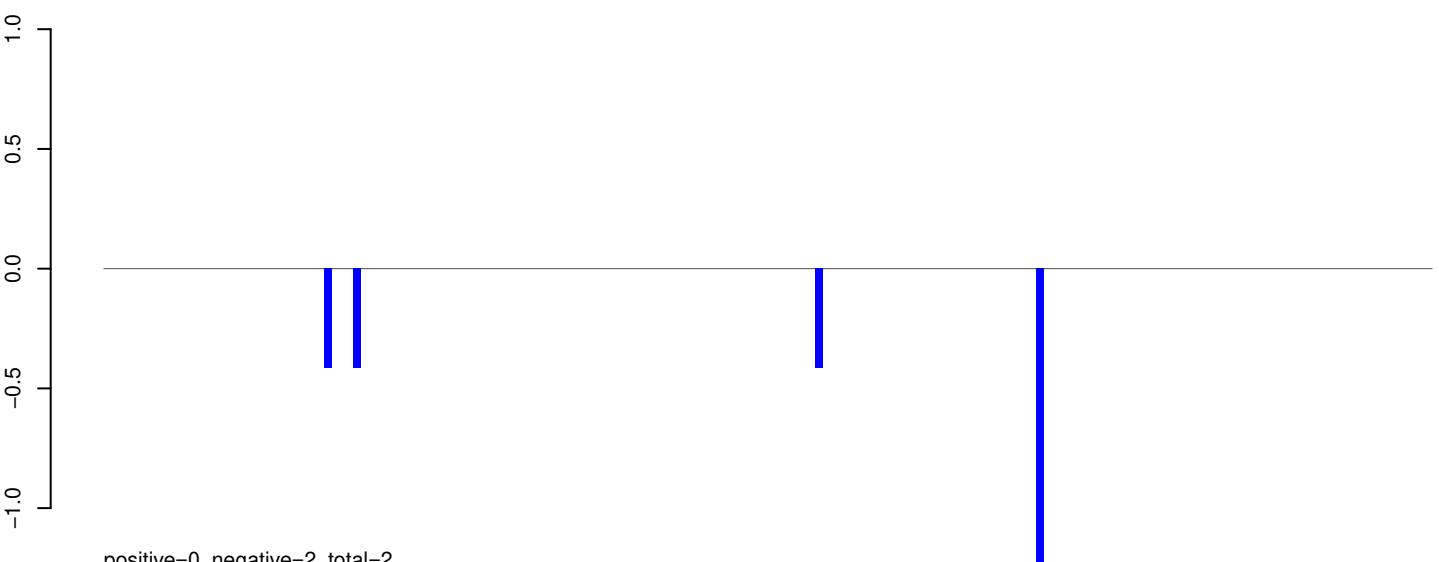
0 2000 4000 6000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



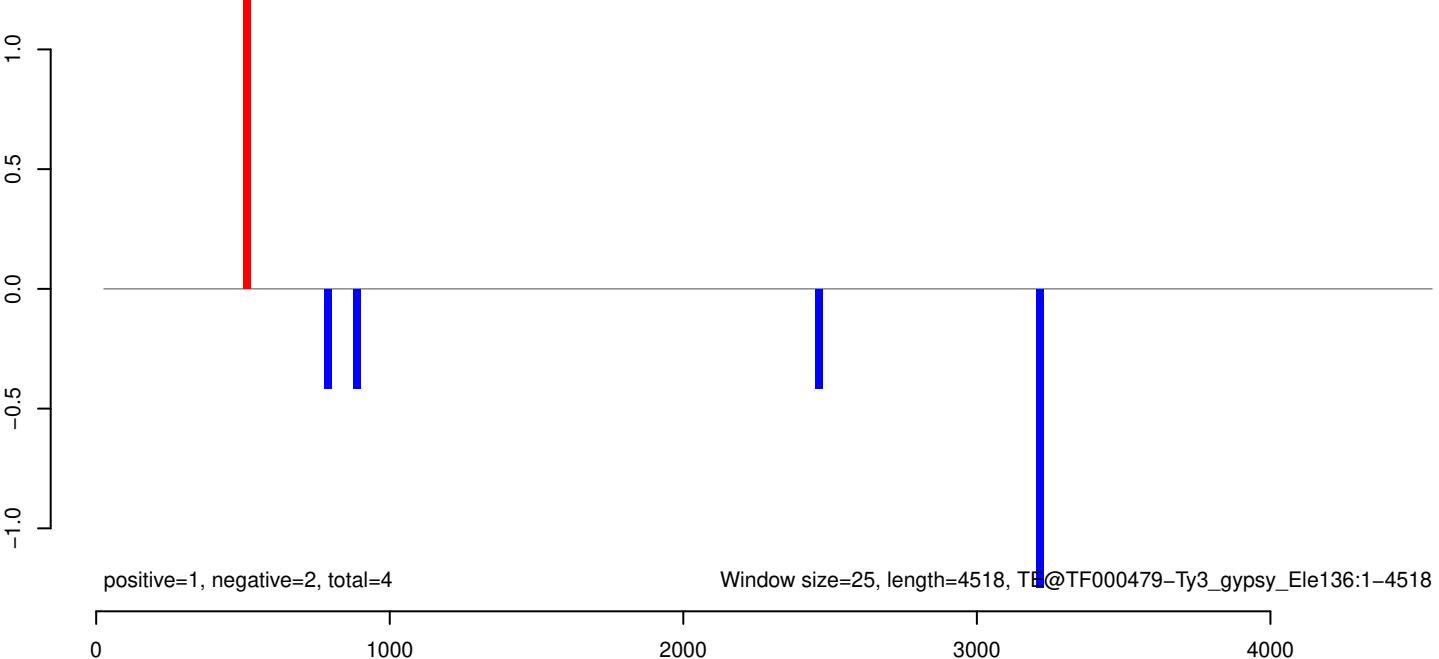
positive=1, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=2, total=2

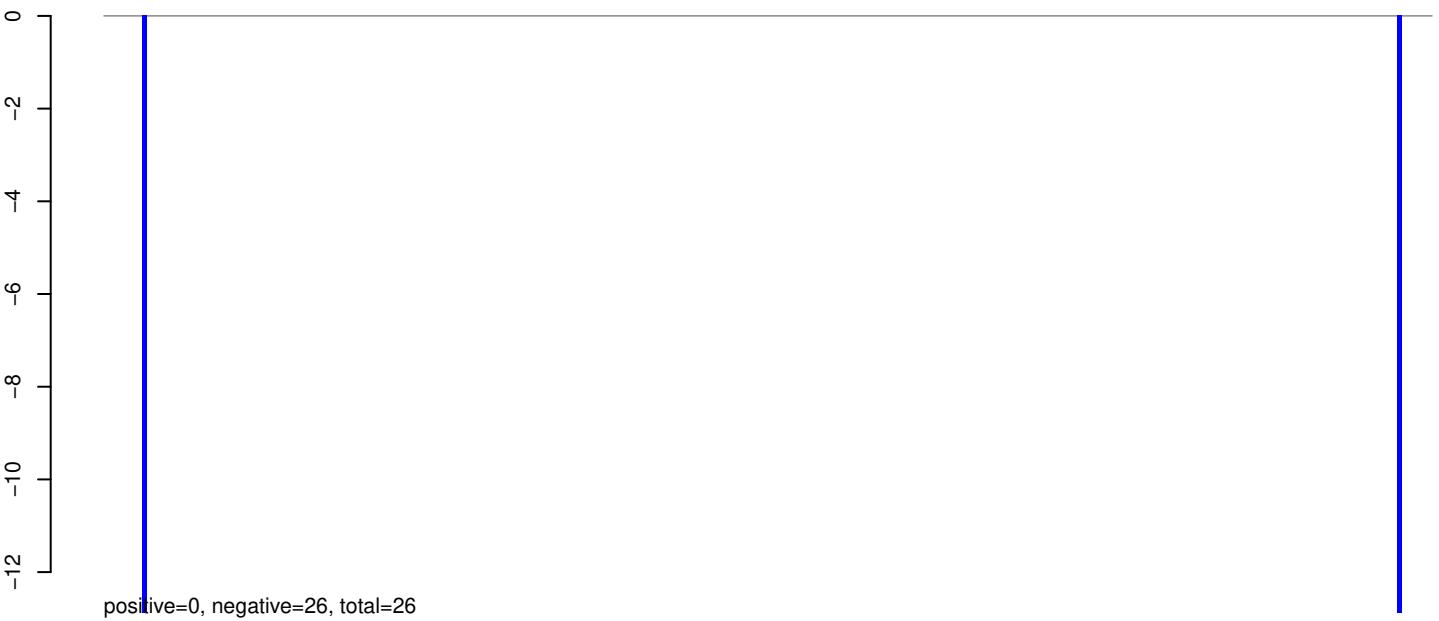
**AeAeg\_Whole\_sm\_r123\_JM.rep**



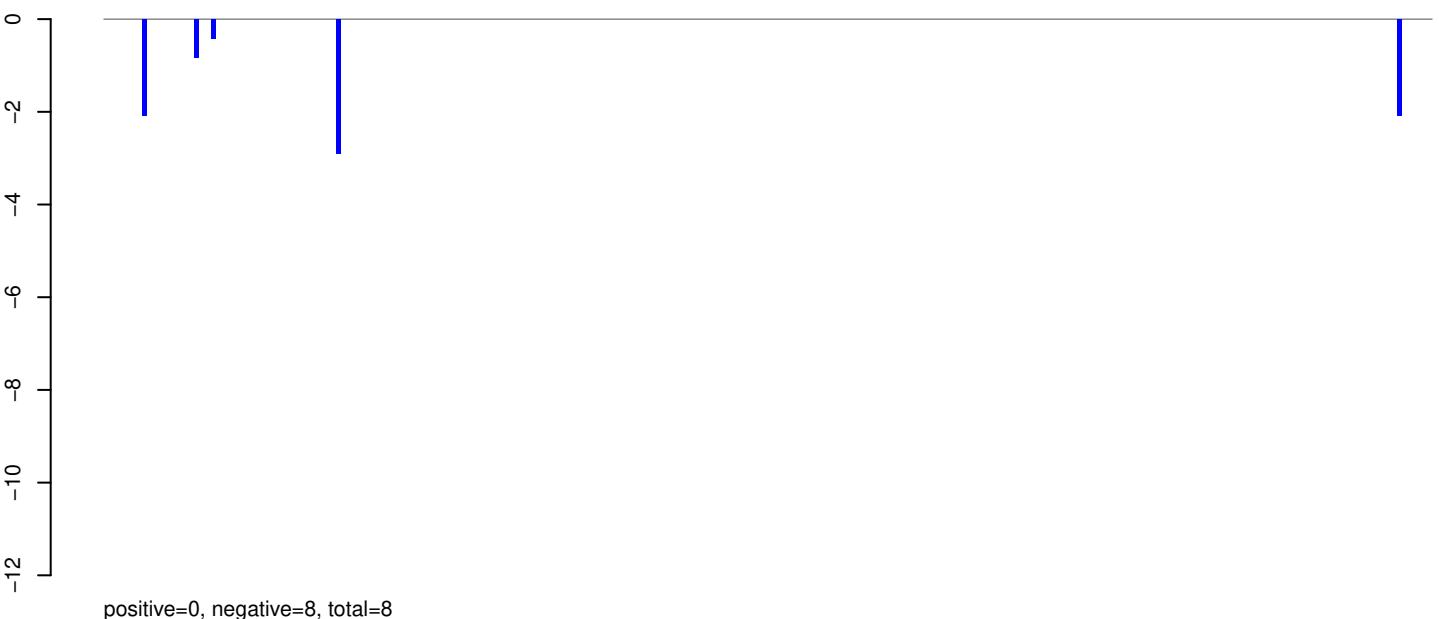
positive=1, negative=2, total=4

Window size=25, length=4518, TIG@TF000479-Ty3\_gypsy\_Ele136:1-4518

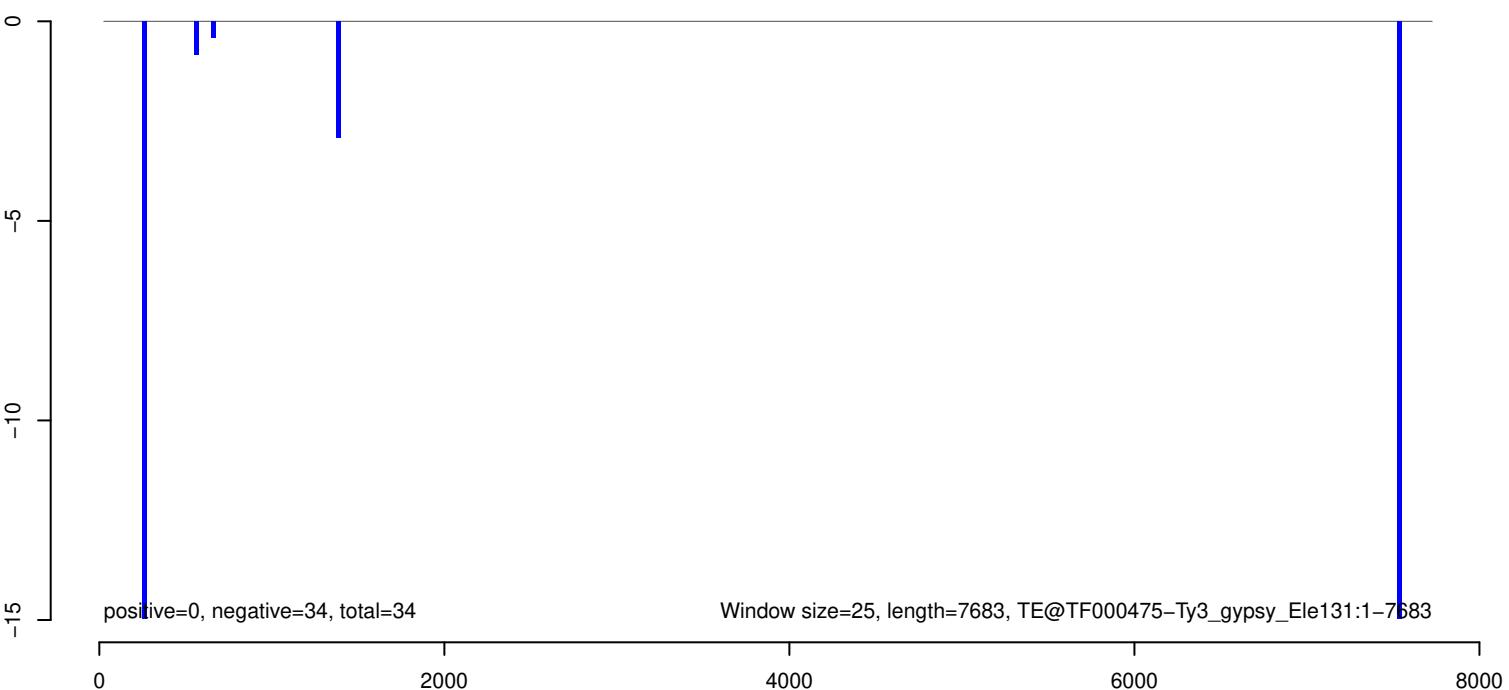
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



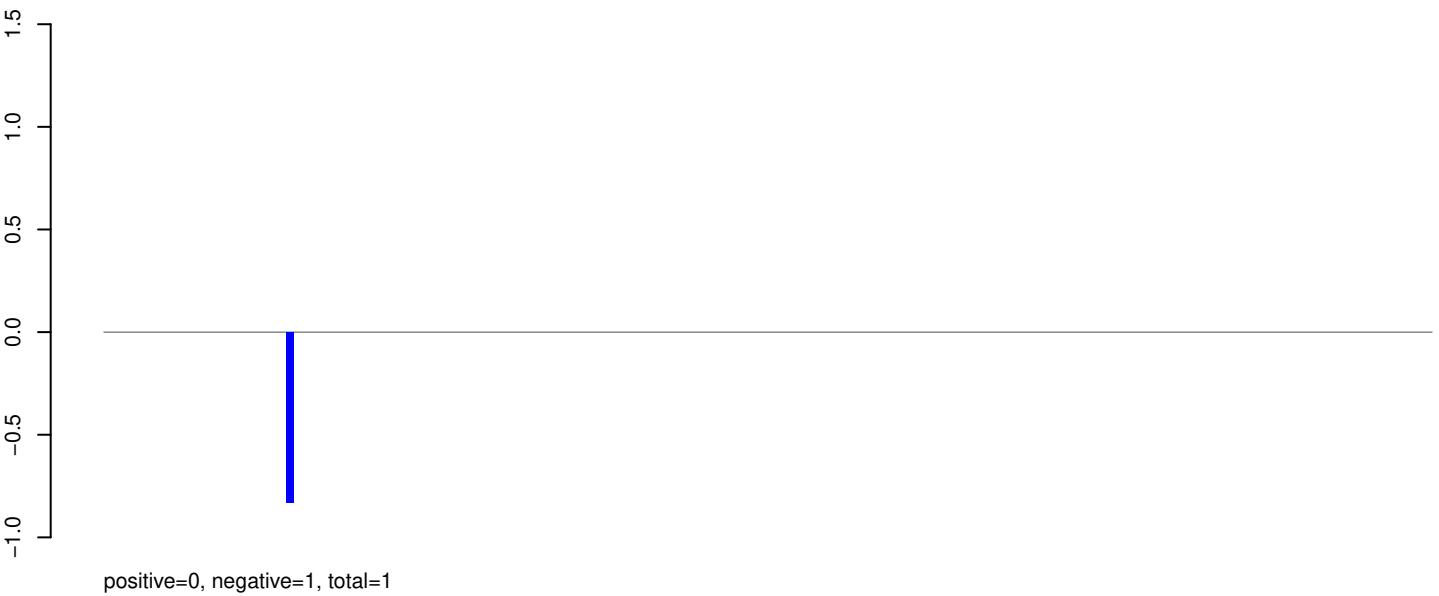
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



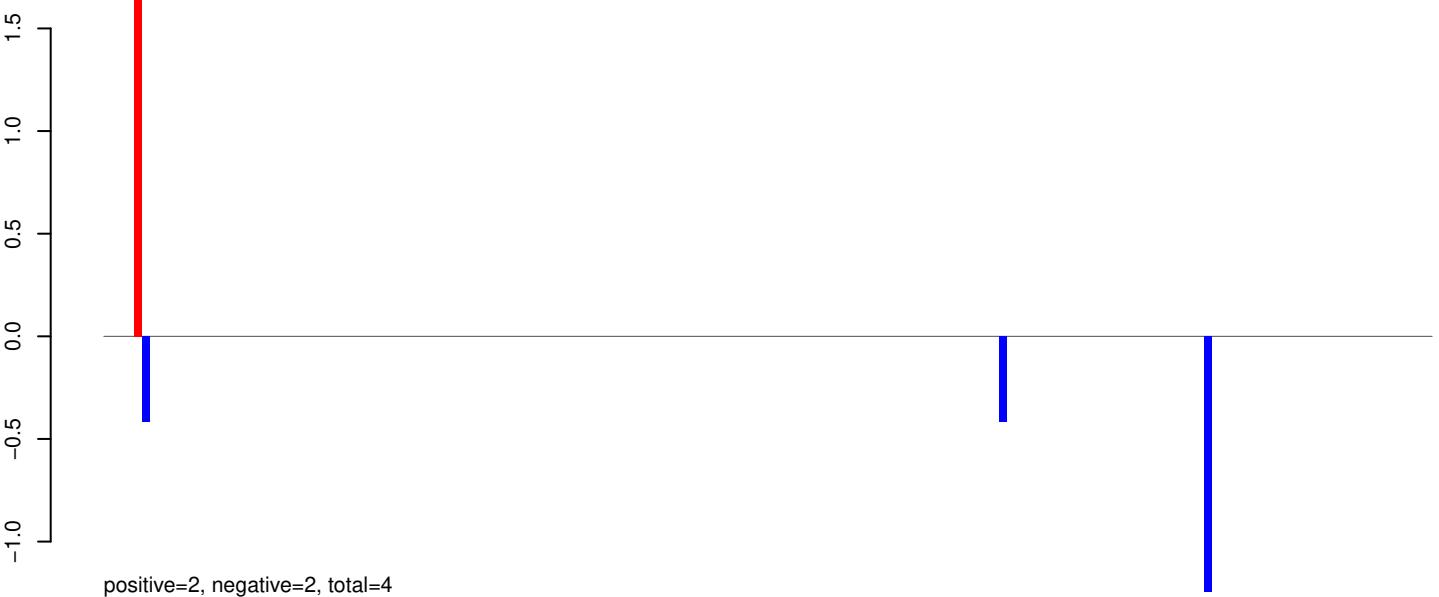
### AeAeg\_Whole\_sm\_r123\_JM.rep



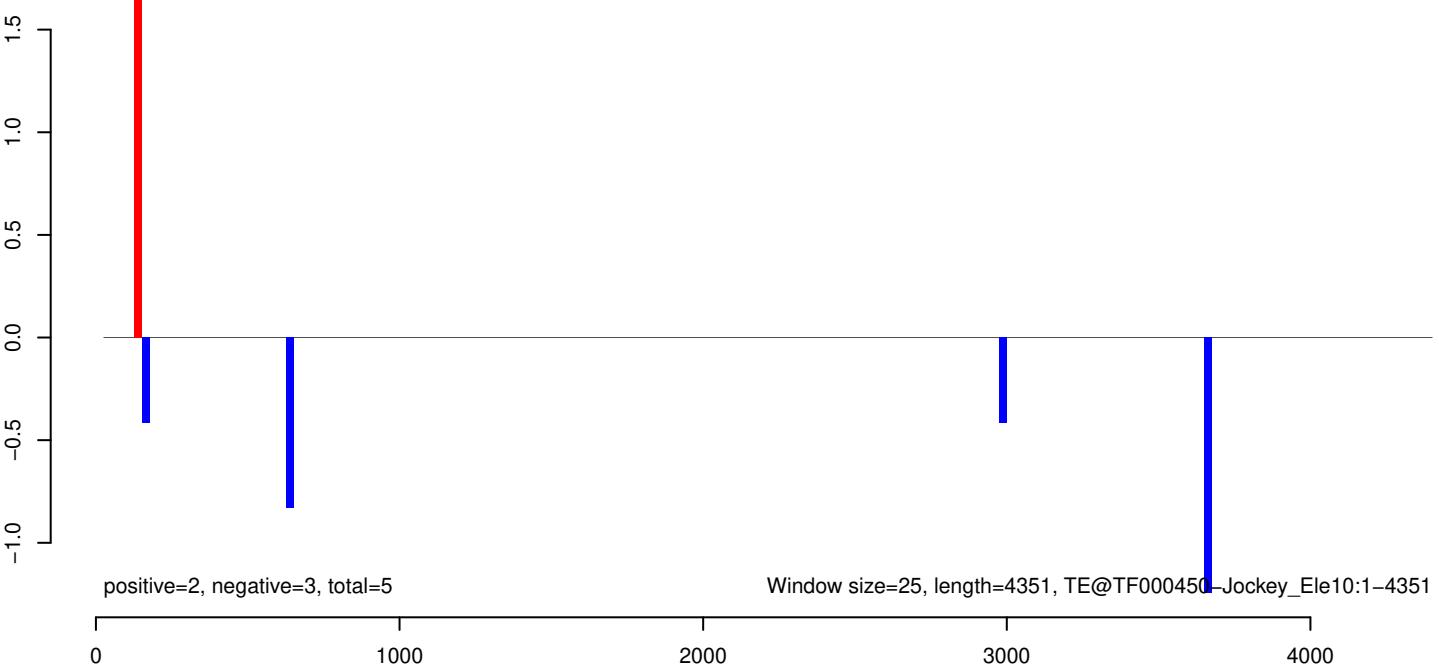
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



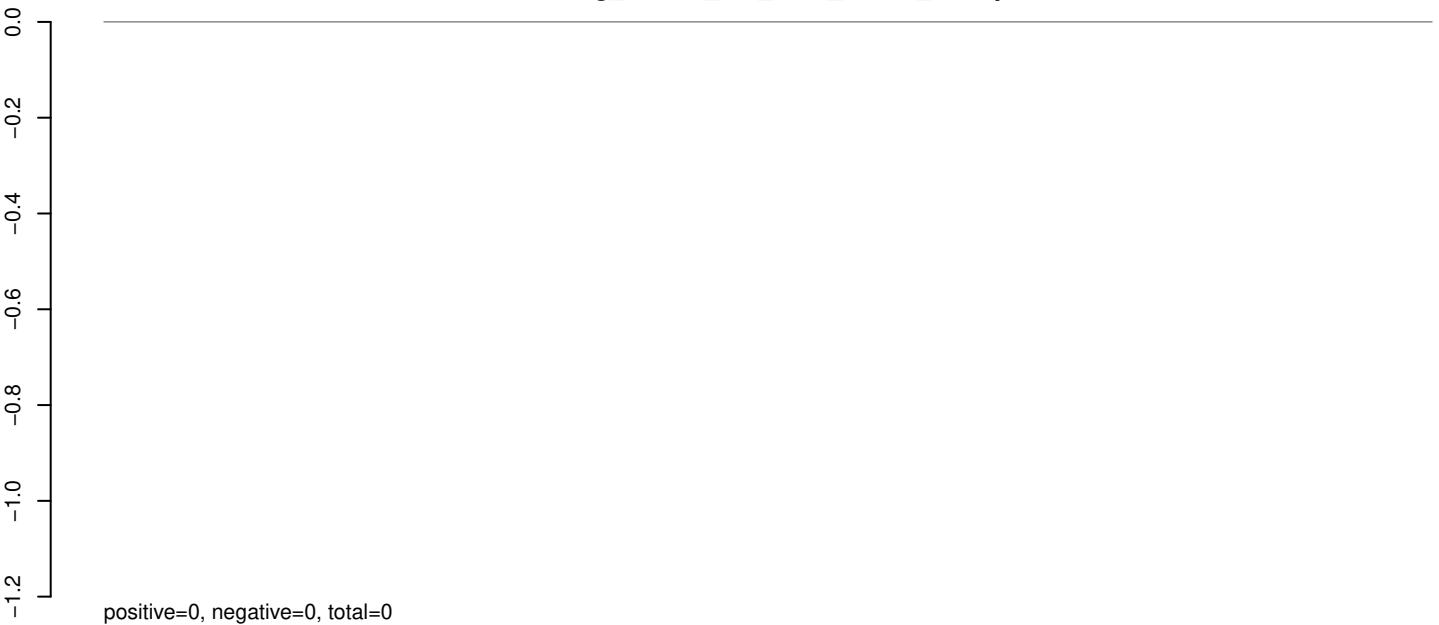
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



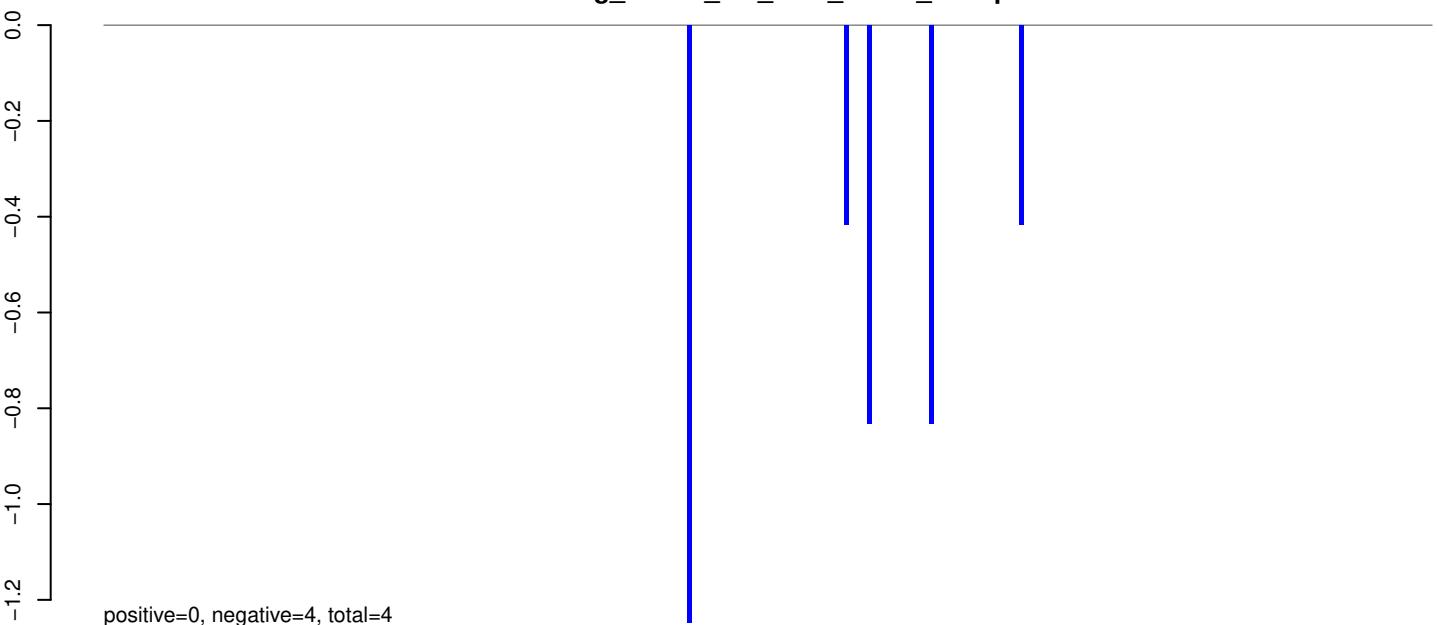
### AeAeg\_Whole\_sm\_r123\_JM.rep



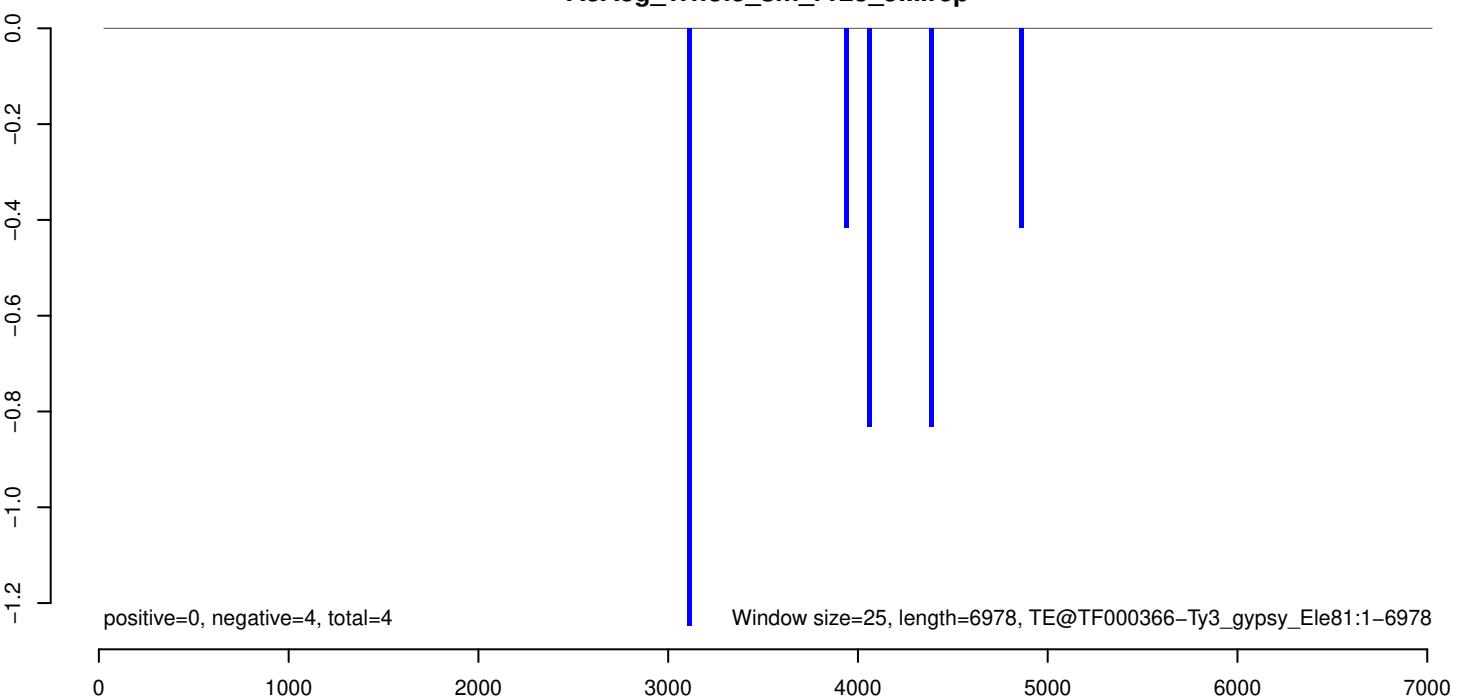
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



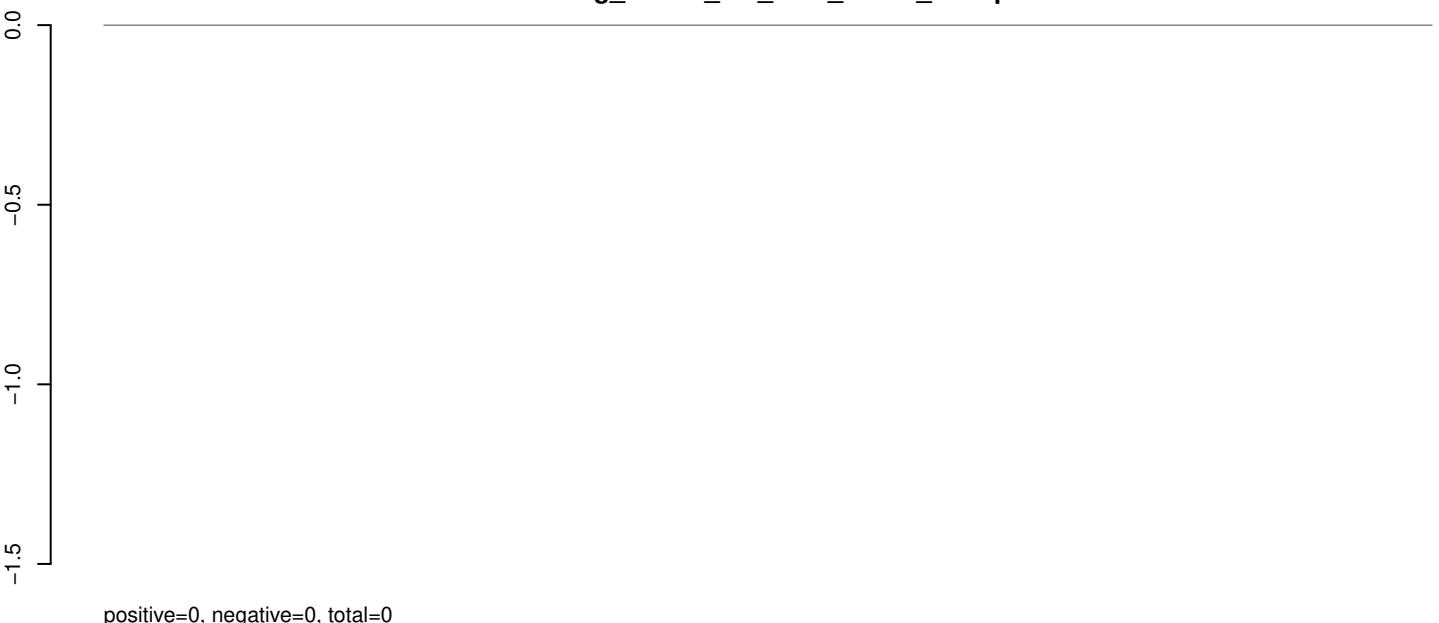
### AeAeg\_Whole\_sm\_r123\_JM.rep



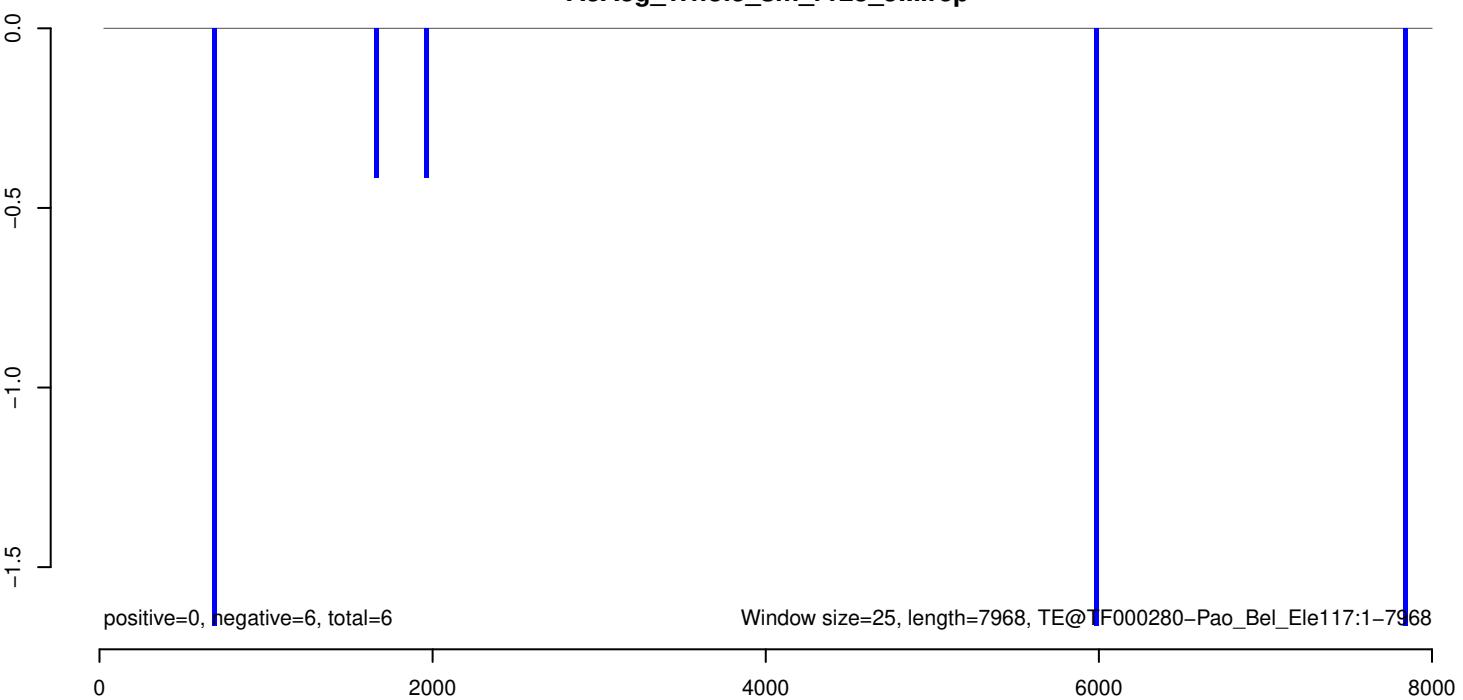
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



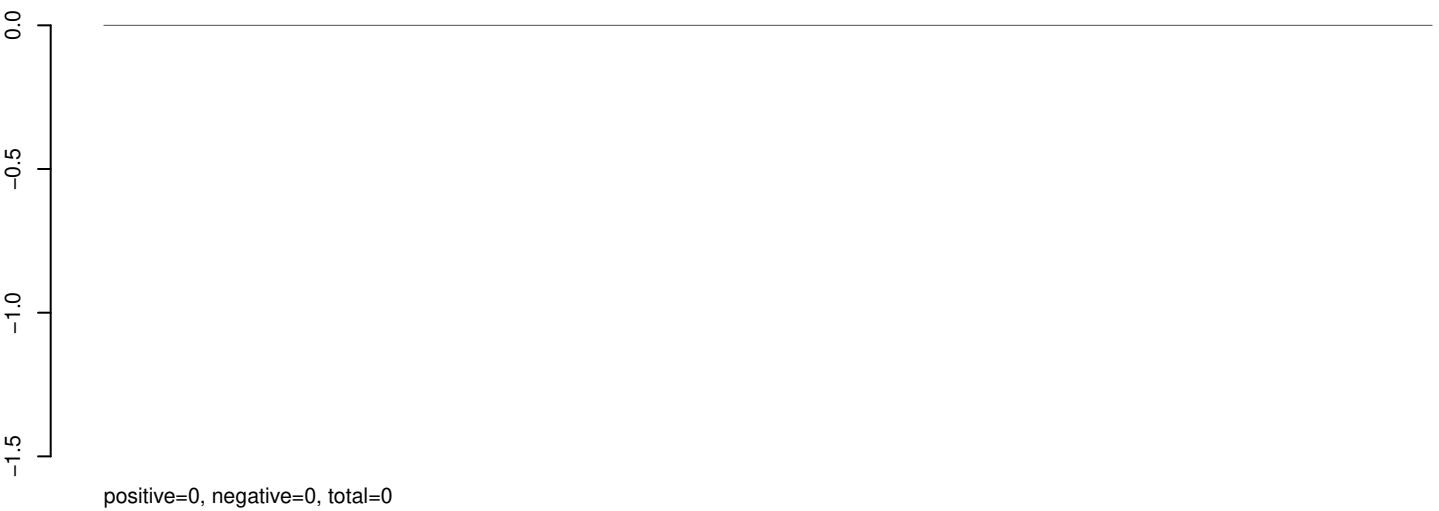
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



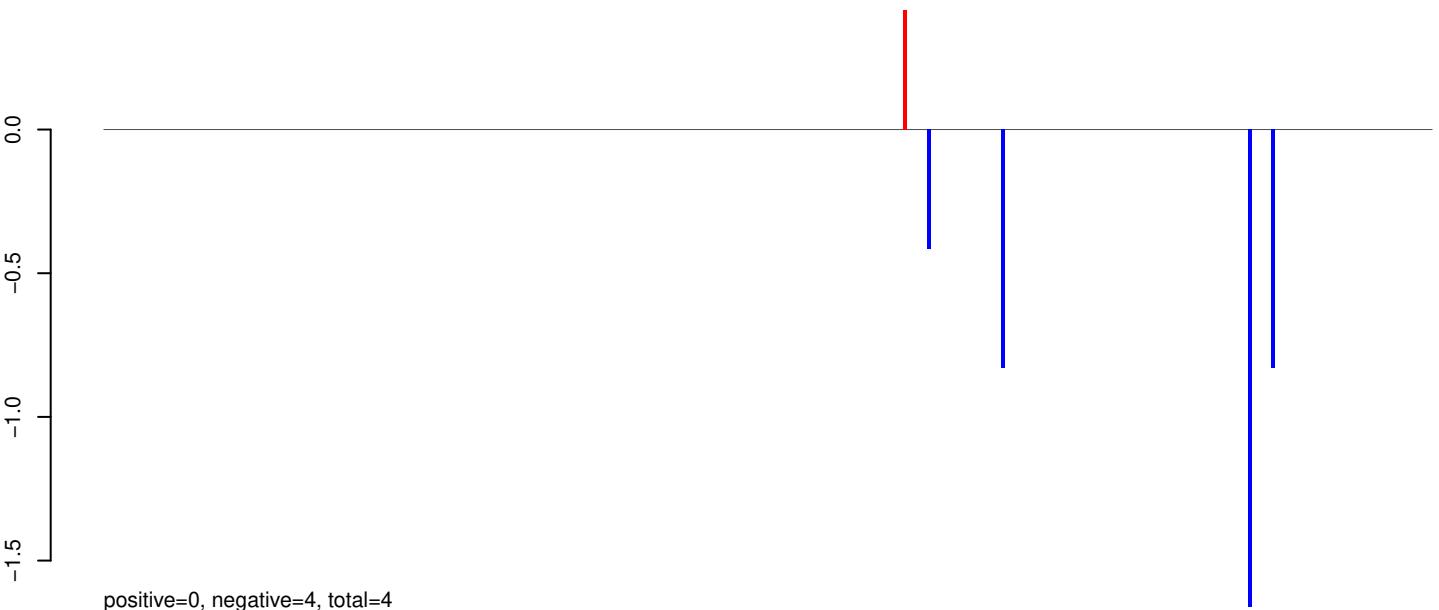
### AeAeg\_Whole\_sm\_r123\_JM.rep



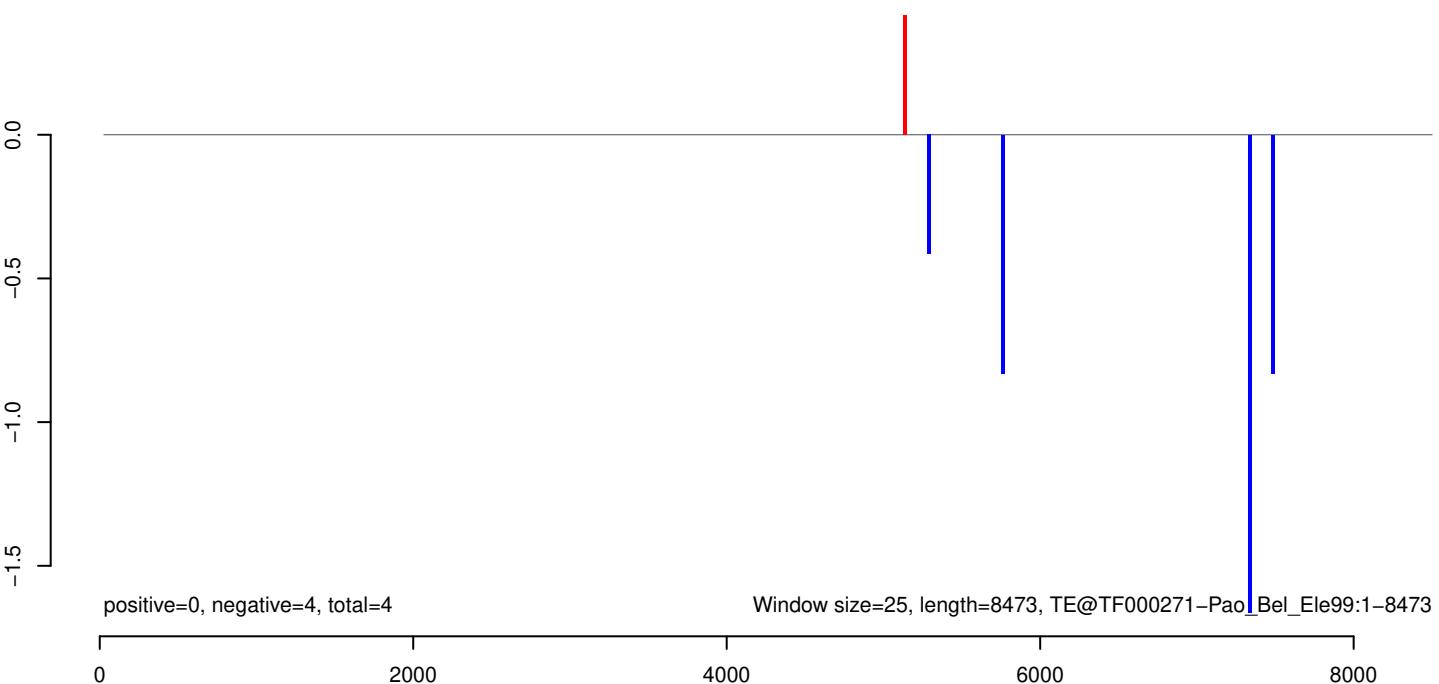
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



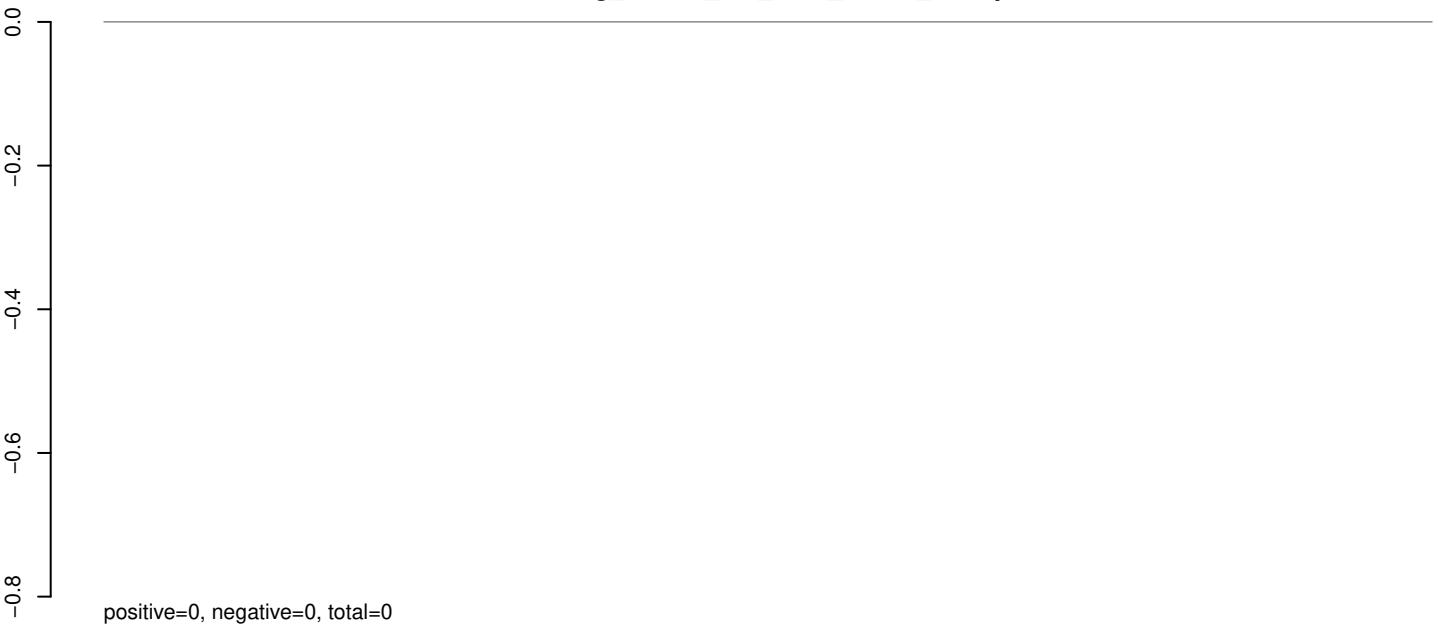
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



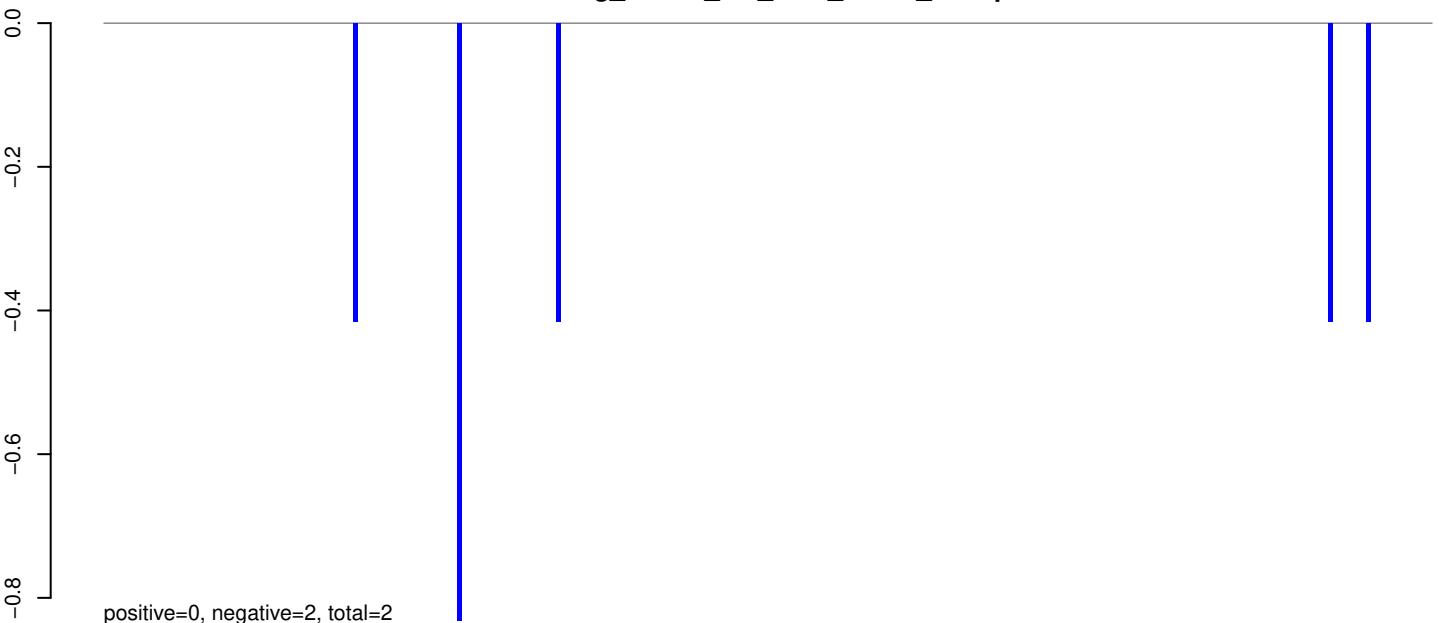
**AeAeg\_Whole\_sm\_r123\_JM.rep**



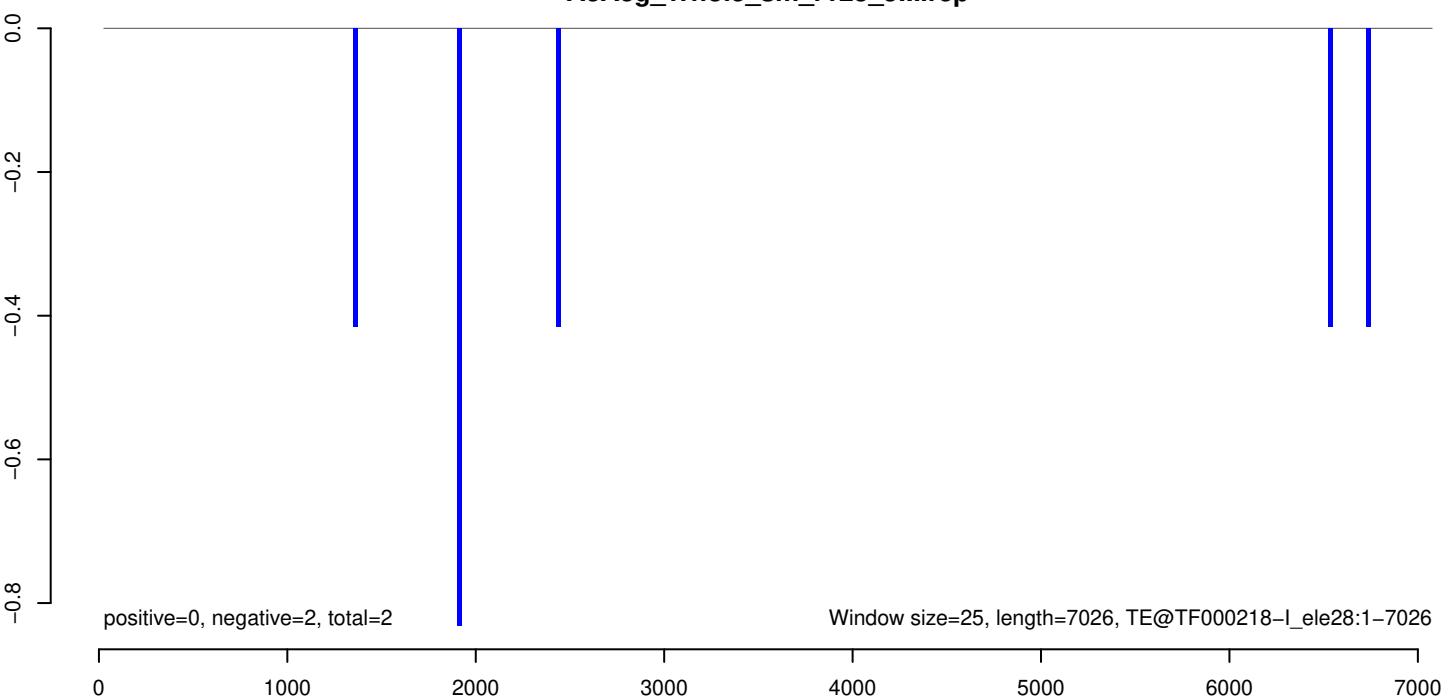
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



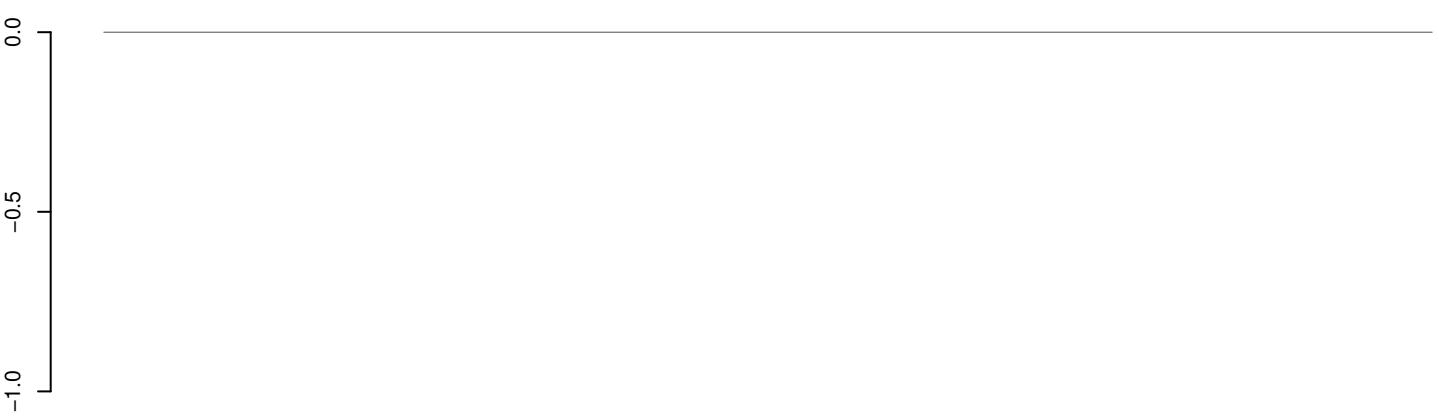
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



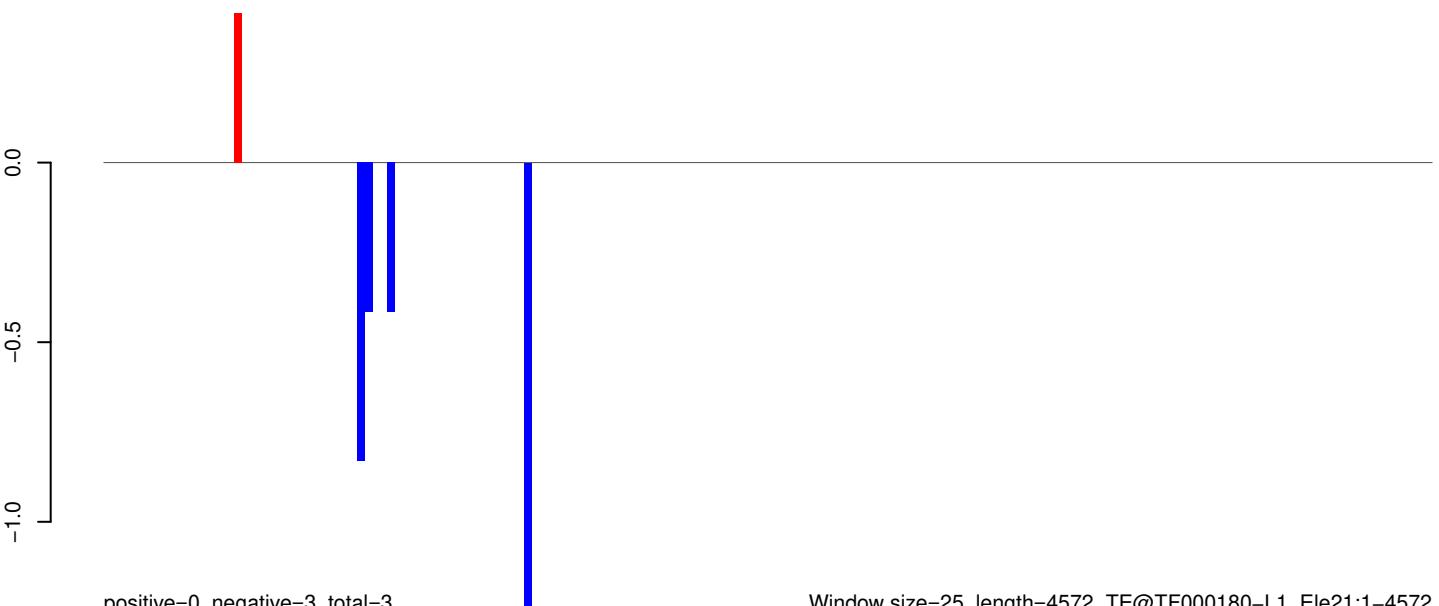
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=3, total=3

**AeAeg\_Whole\_sm\_r123\_JM.rep**

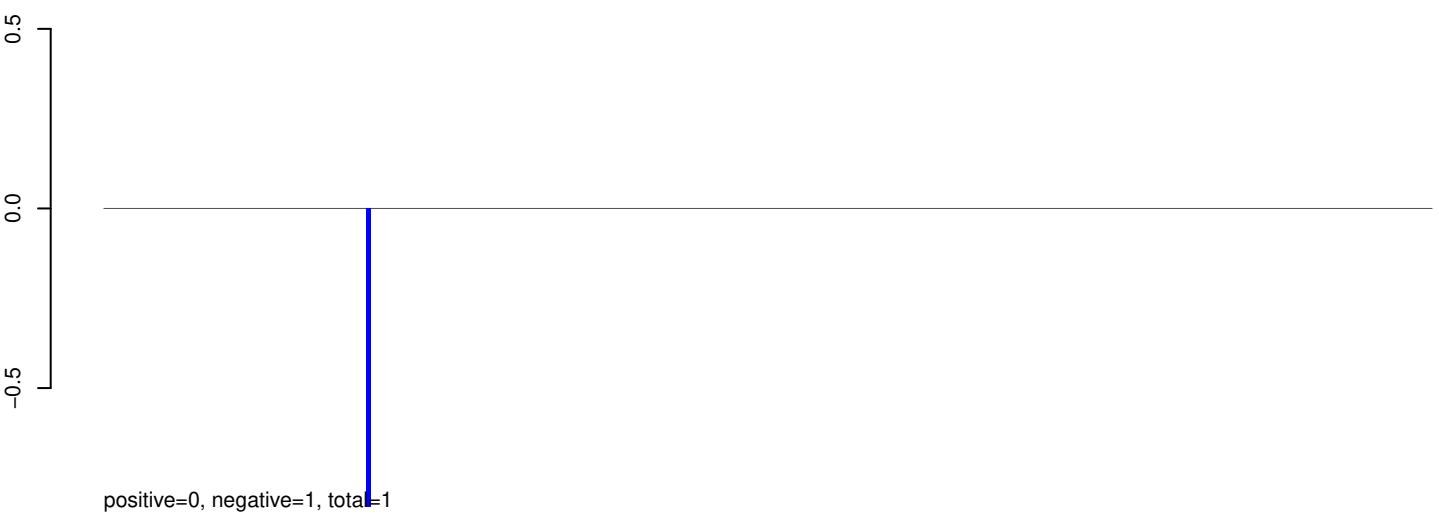


positive=0, negative=3, total=3

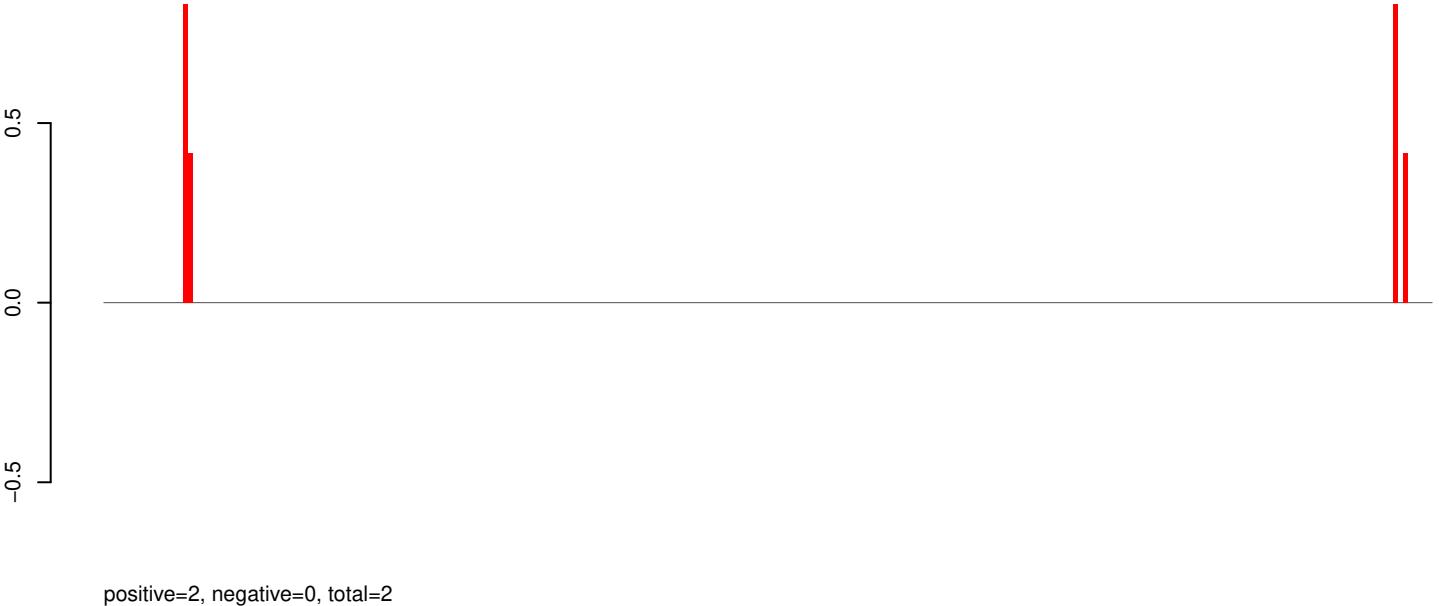
Window size=25, length=4572, TE@TF000180-L1\_Ele21:1-4572

0 1000 2000 3000 4000

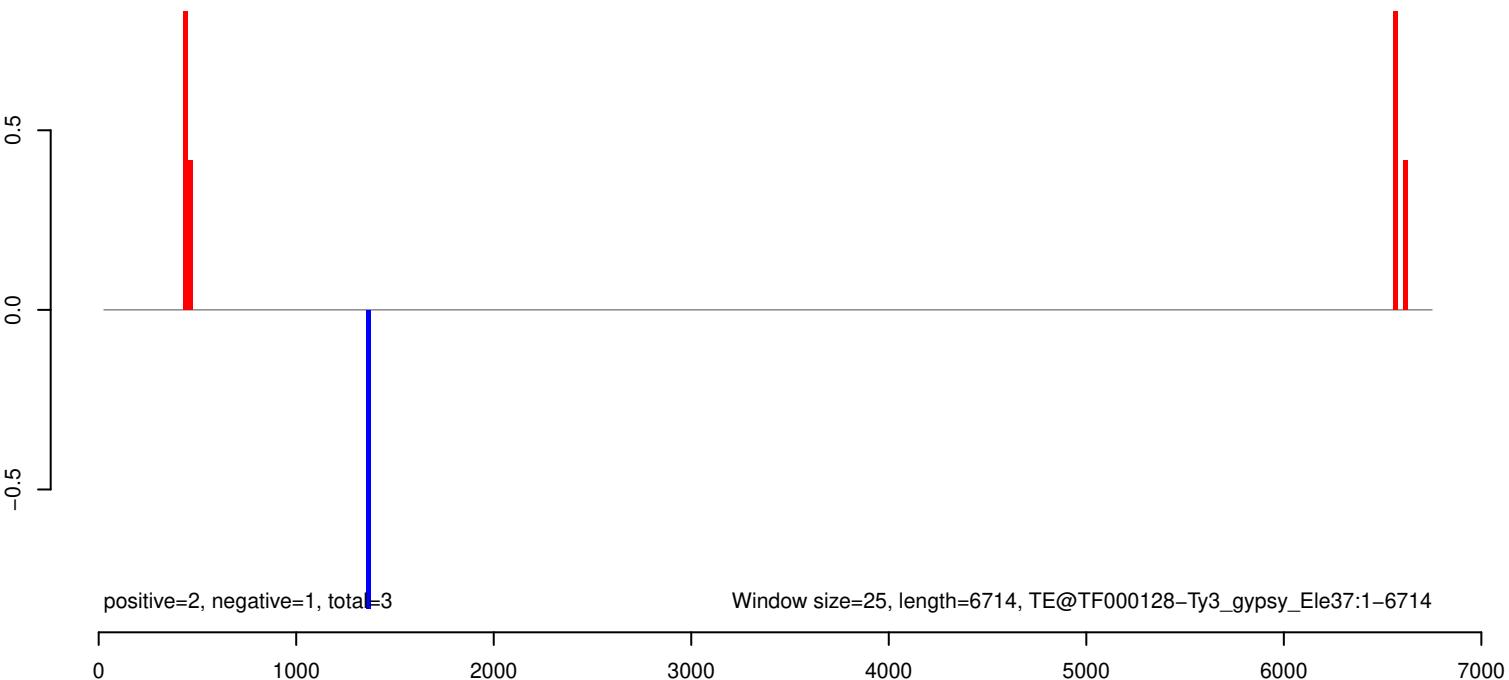
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



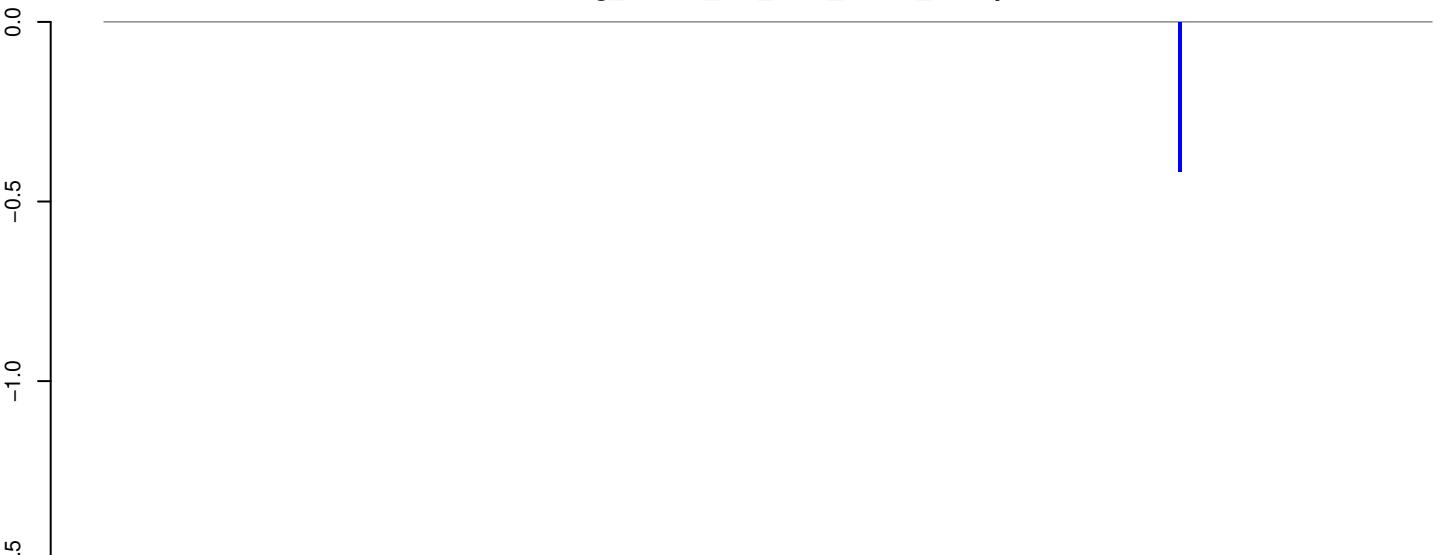
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

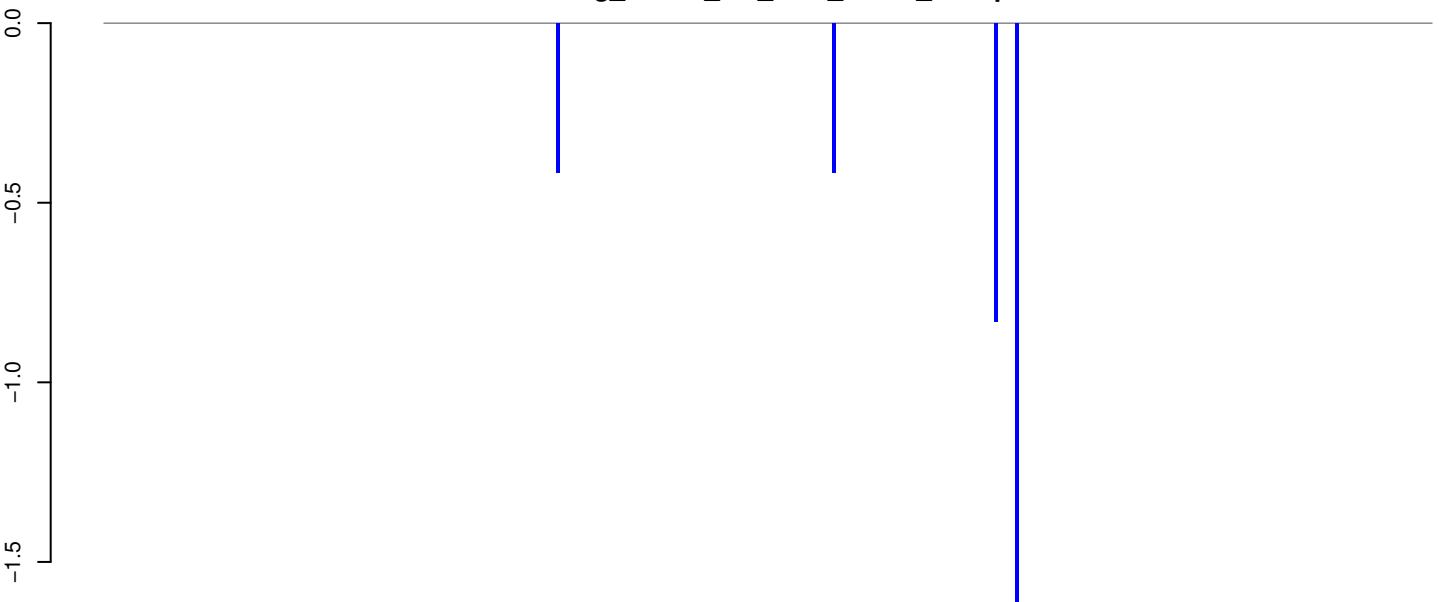


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



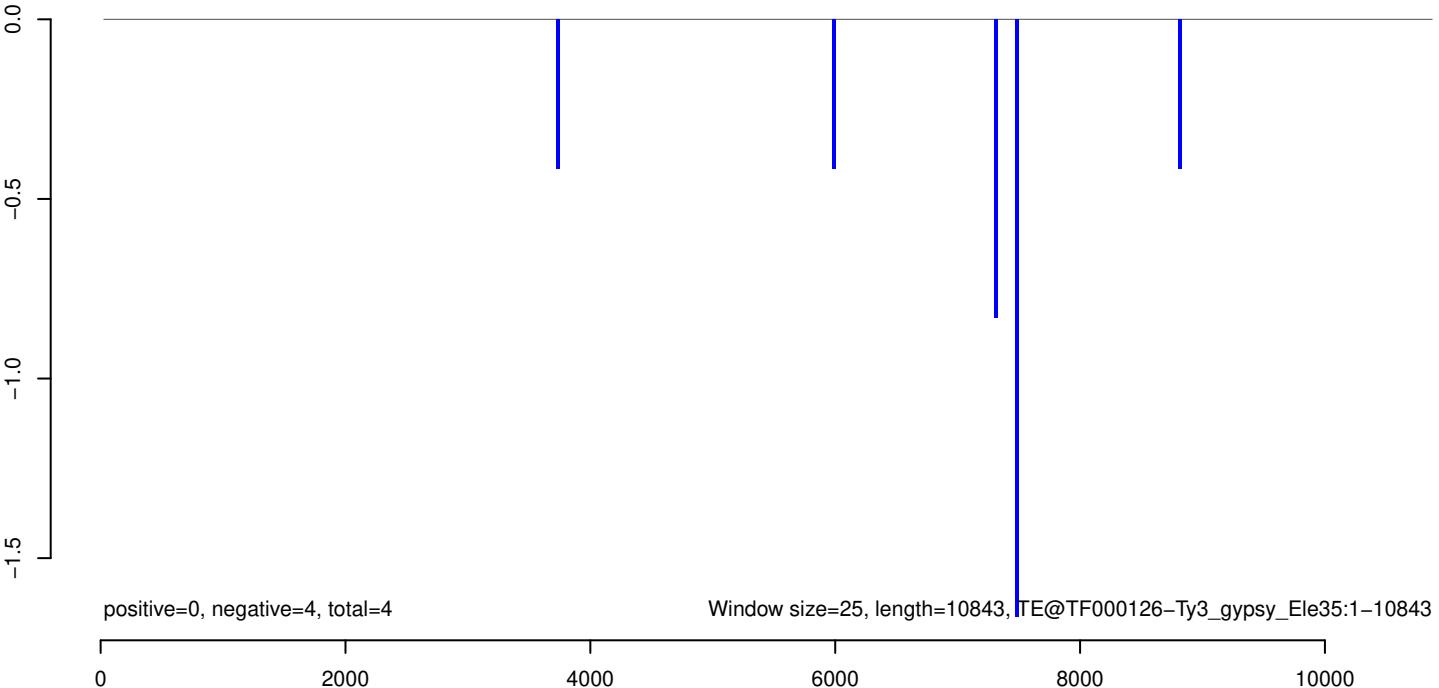
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=3, total=3

### AeAeg\_Whole\_sm\_r123\_JM.rep

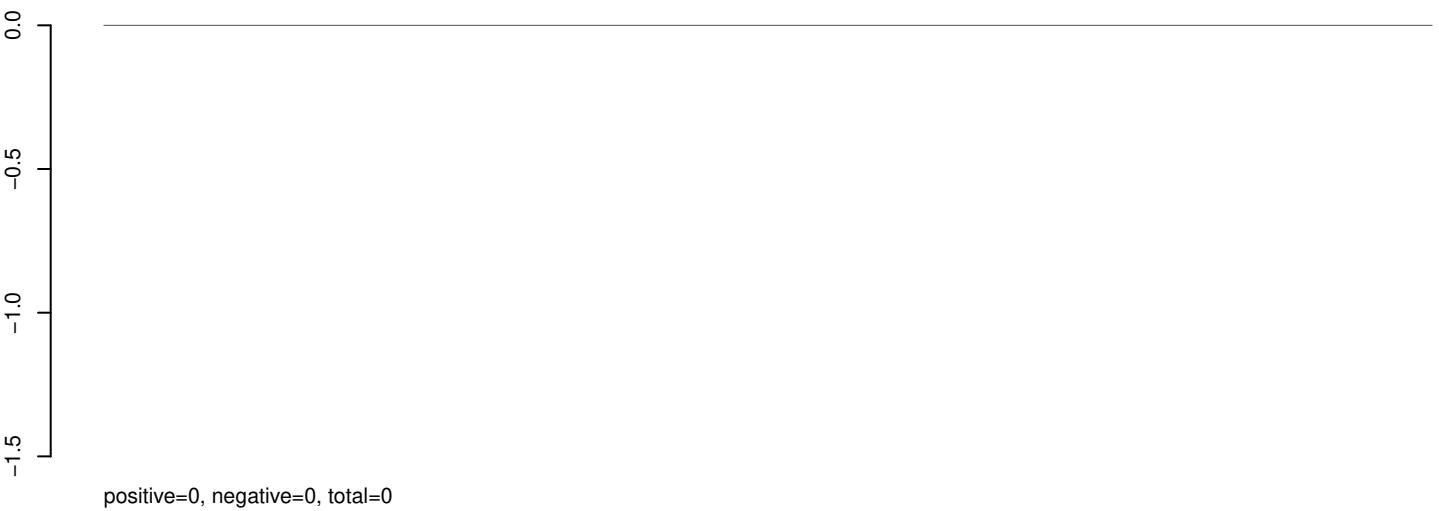


positive=0, negative=4, total=4

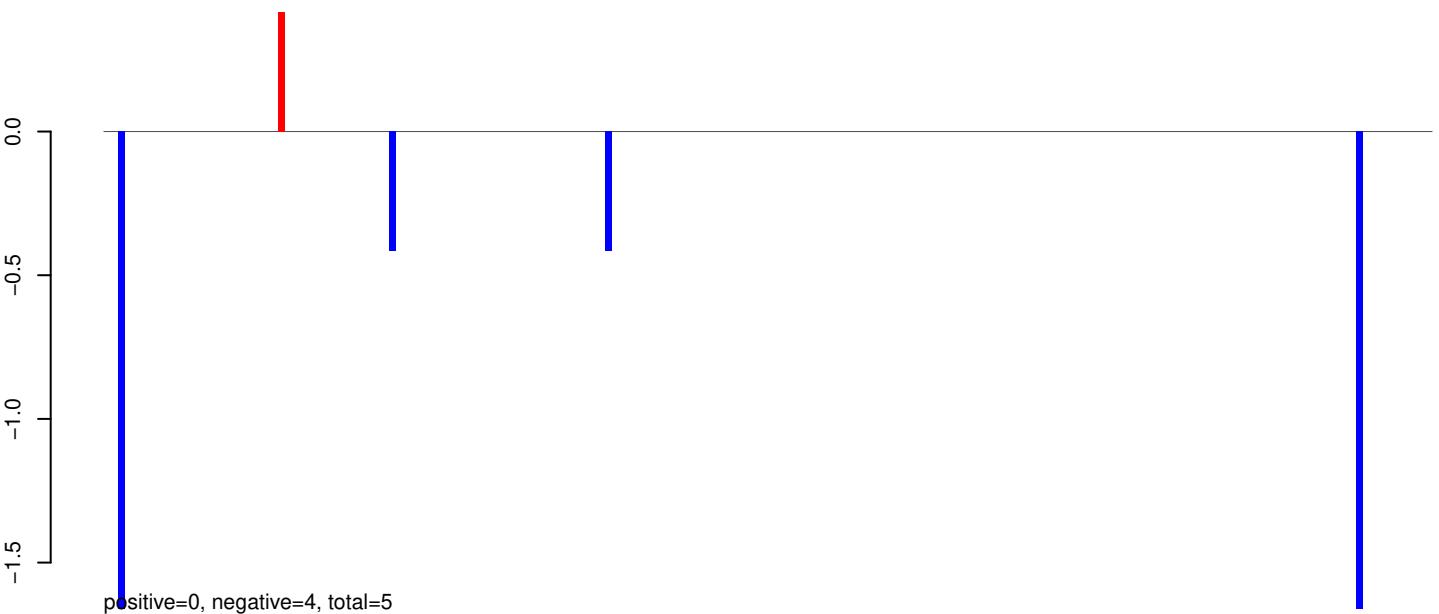
Window size=25, length=10843, TE@TF000126-Ty3\_gypsy\_Ele35:1-10843

0 2000 4000 6000 8000 10000

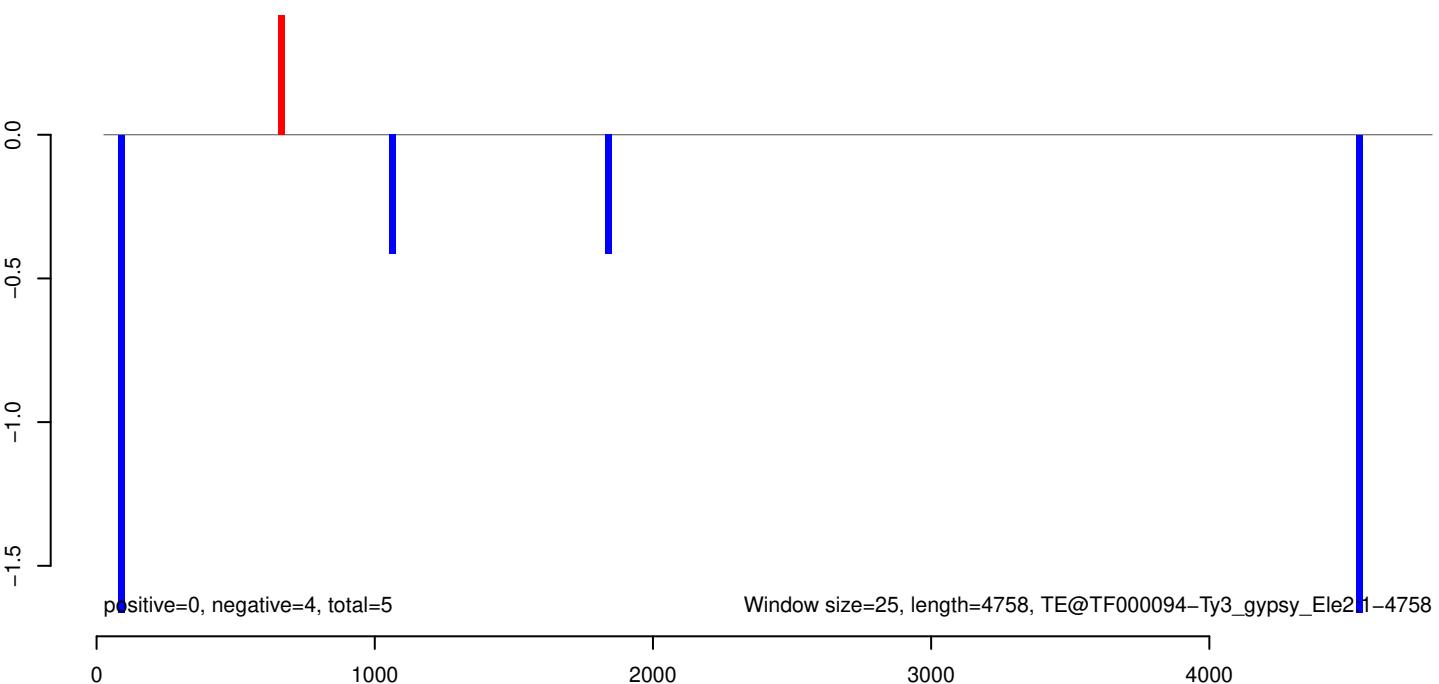
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



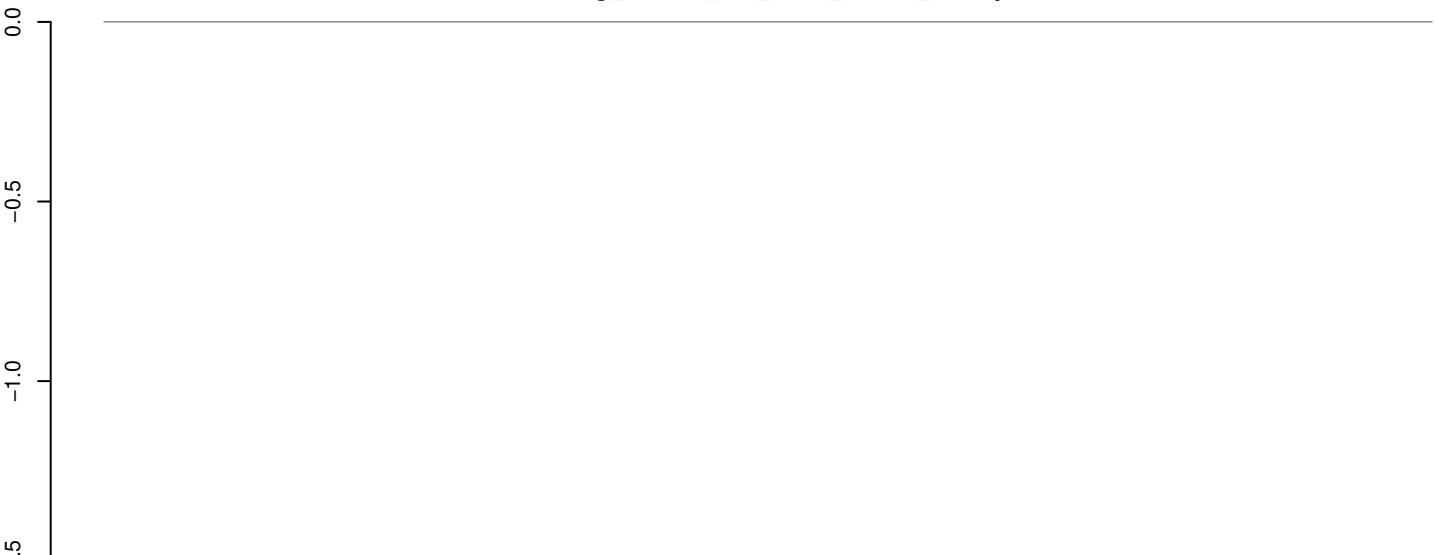
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



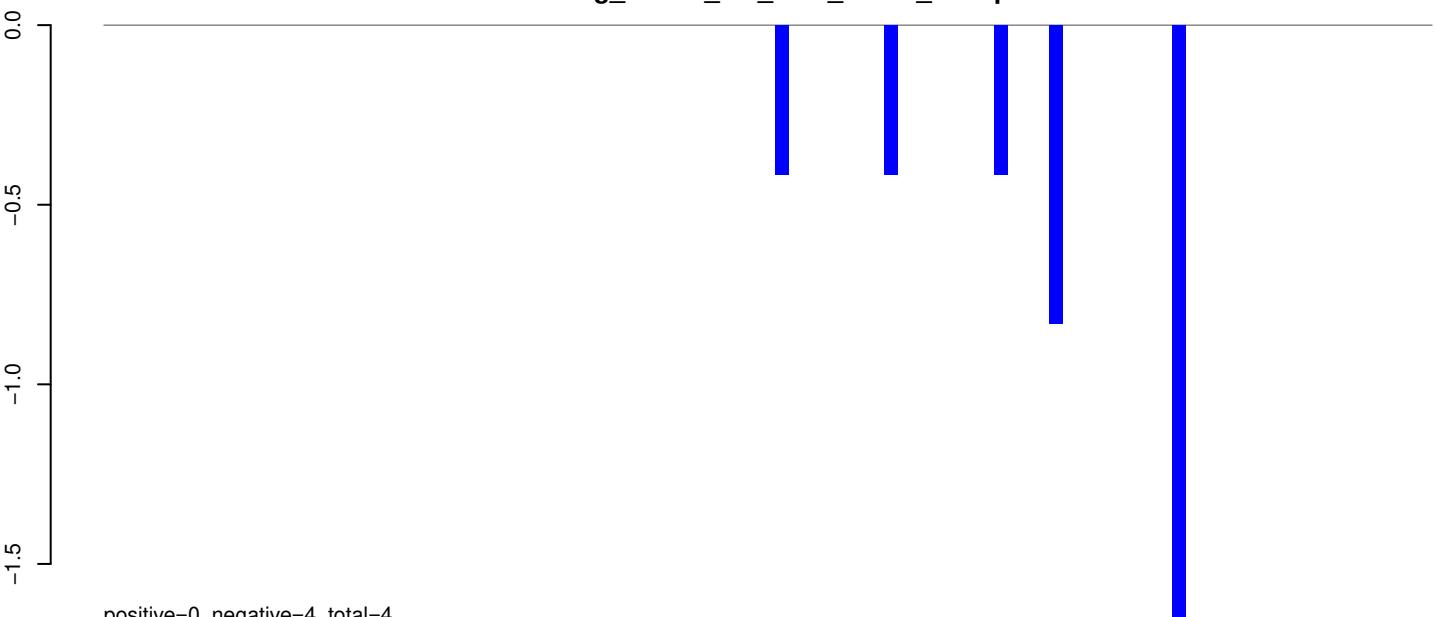
**AeAeg\_Whole\_sm\_r123\_JM.rep**



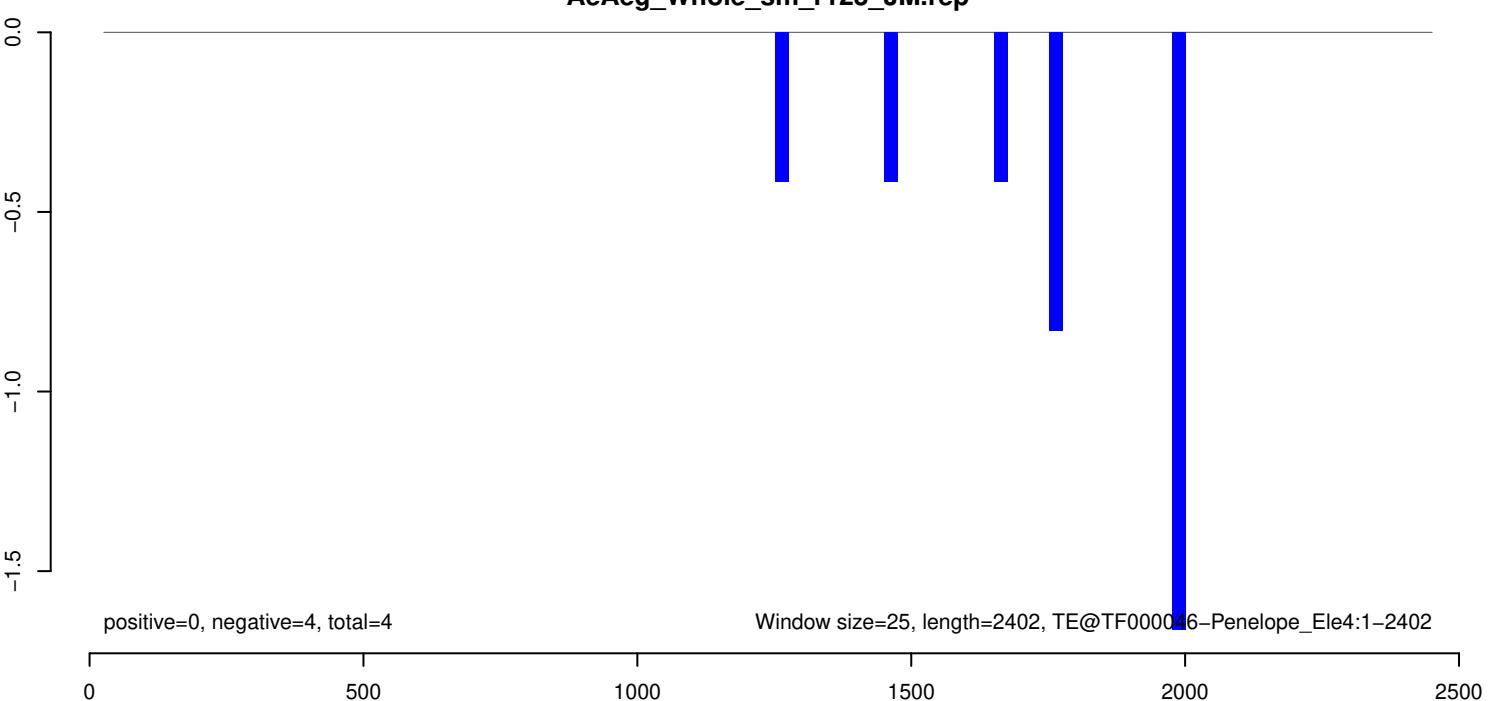
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=4, negative=0, total=4



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=2, negative=0, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

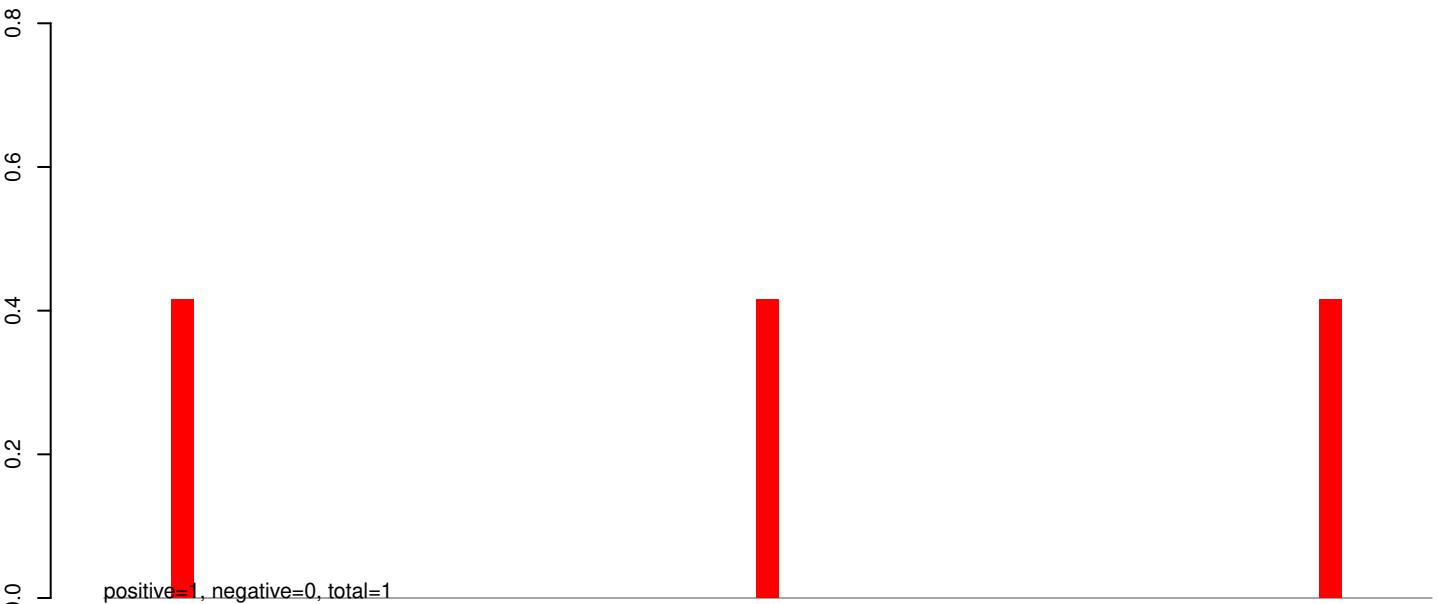
positive=5, negative=0, total=5

Window size=25, length=1473, TE@R=726 UNKNOWN:1-1473

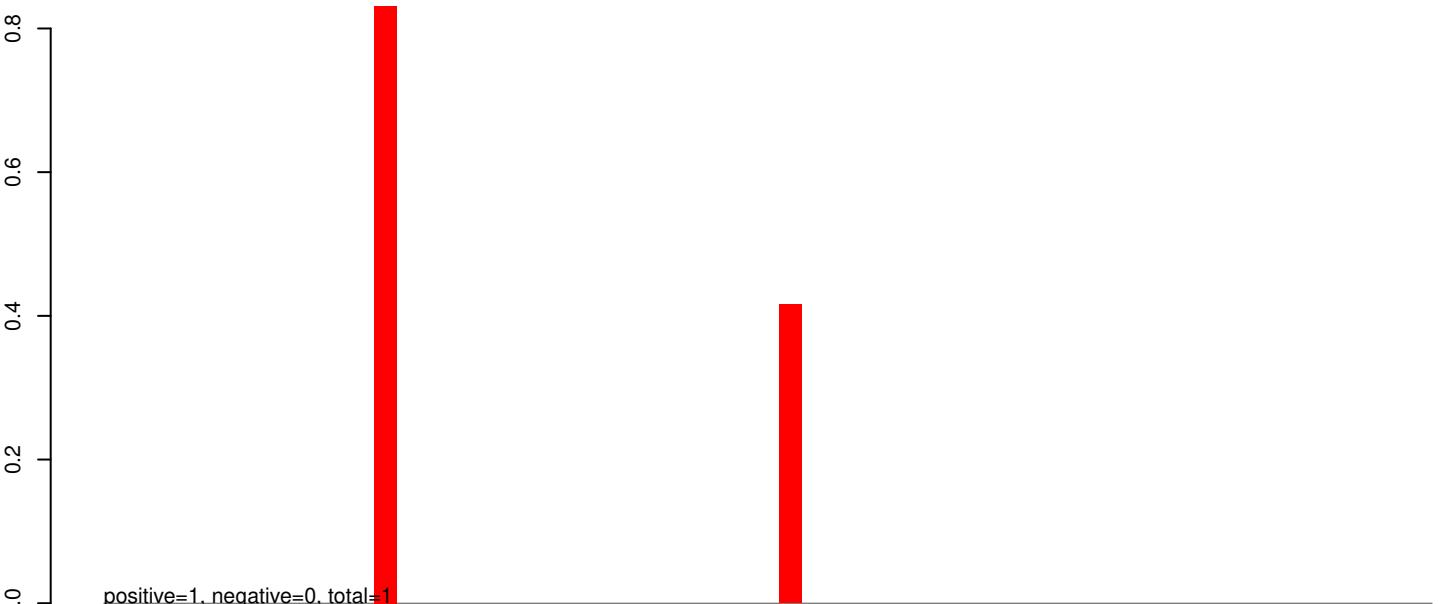


0 500 1000 1500

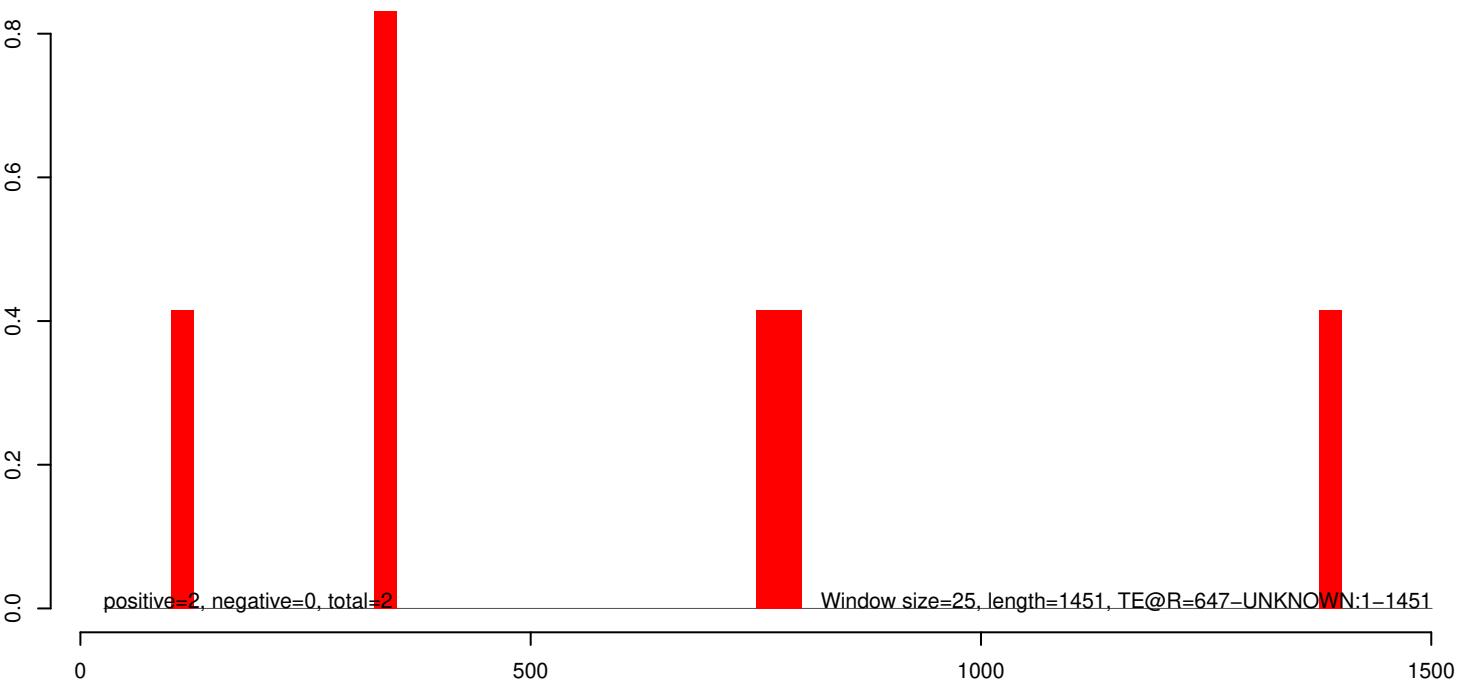
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



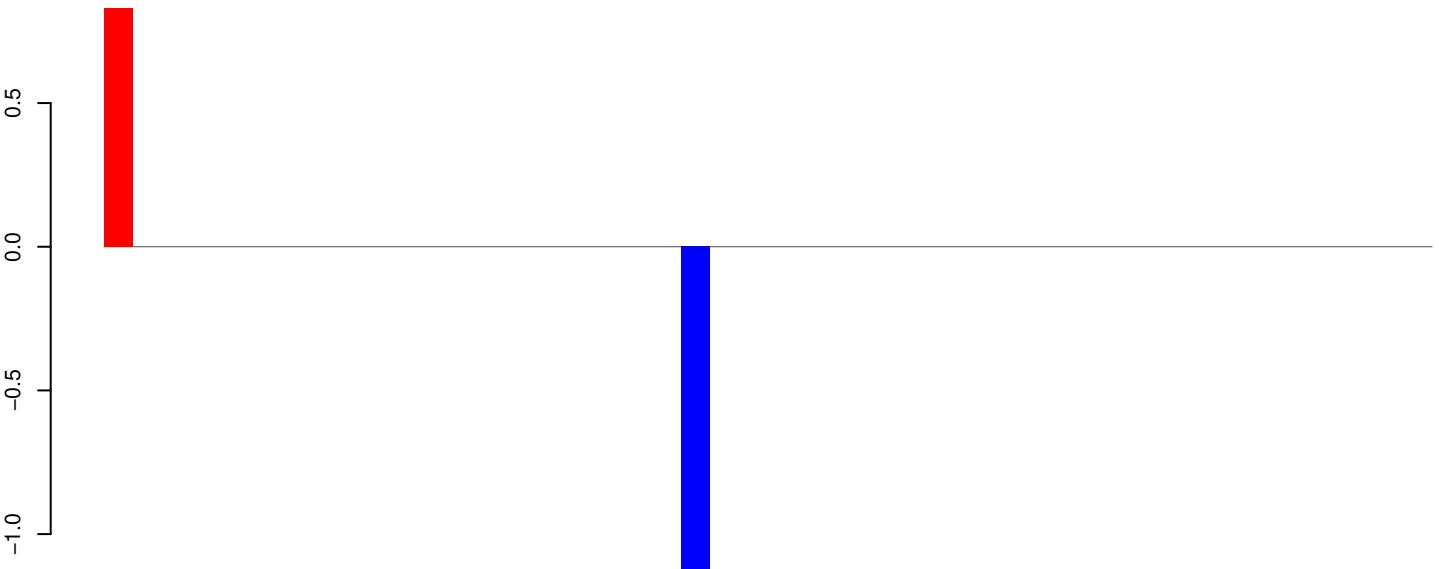
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



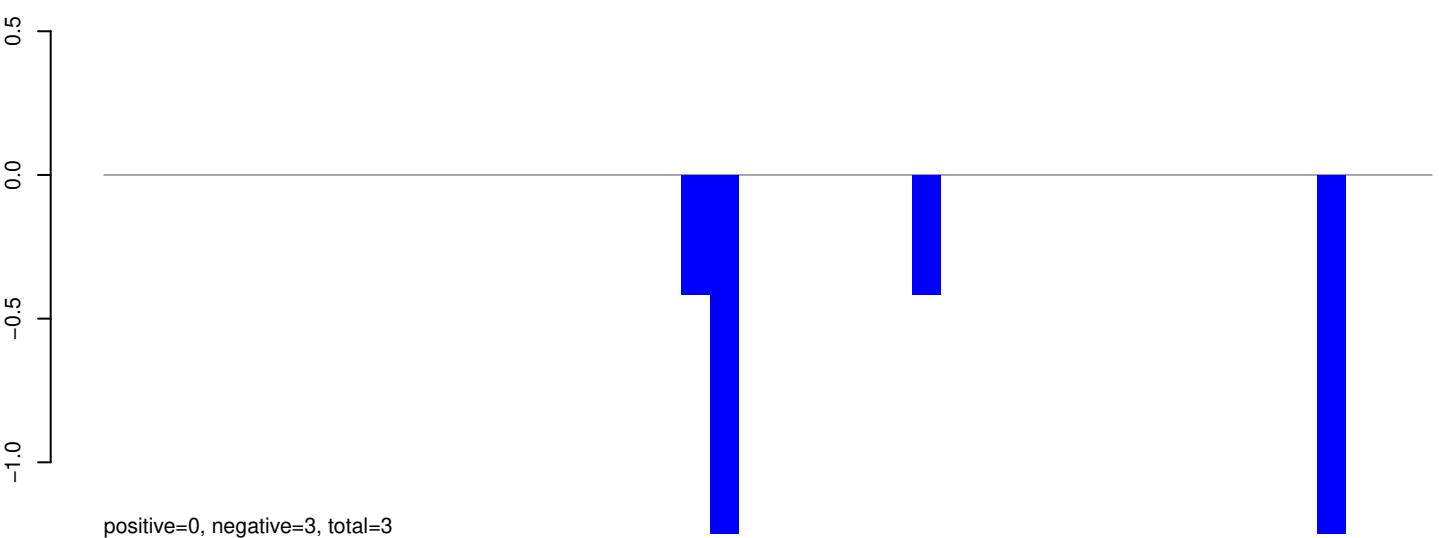
### AeAeg\_Whole\_sm\_r123\_JM.rep



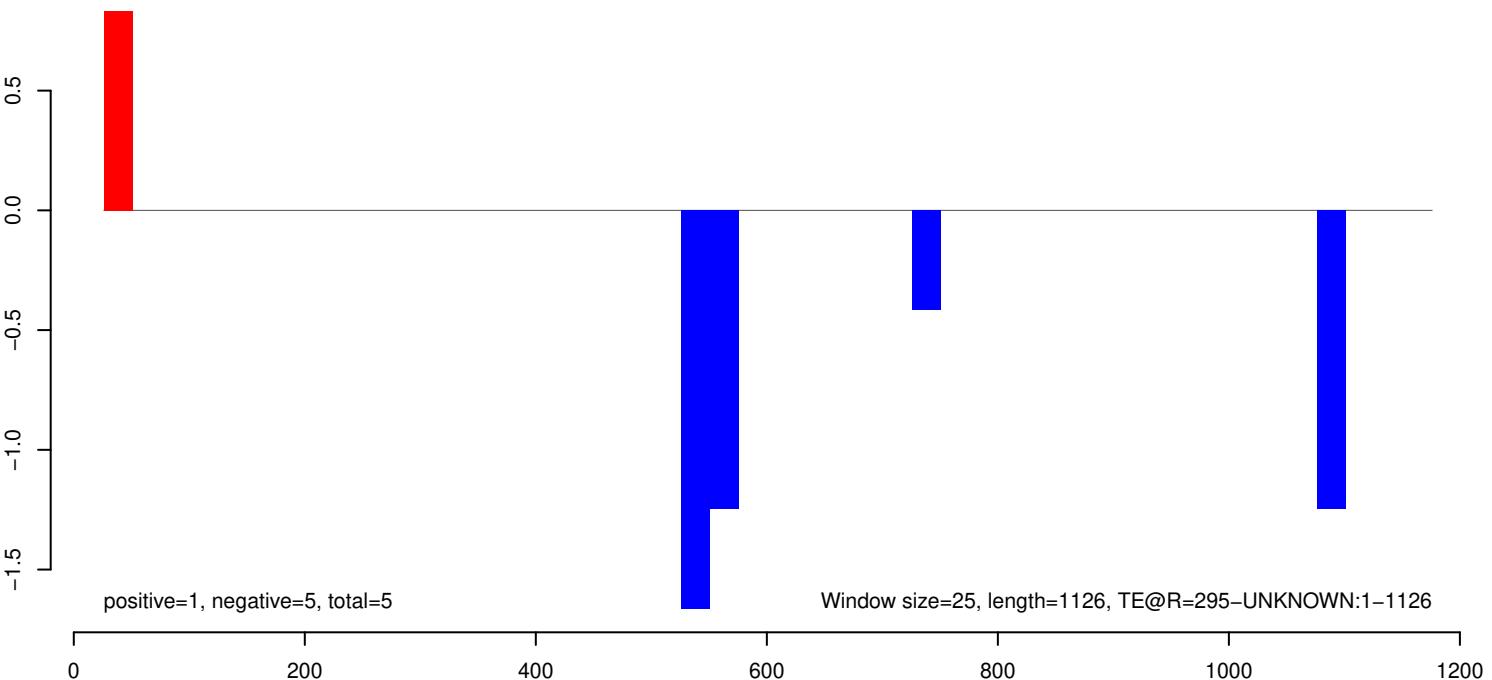
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



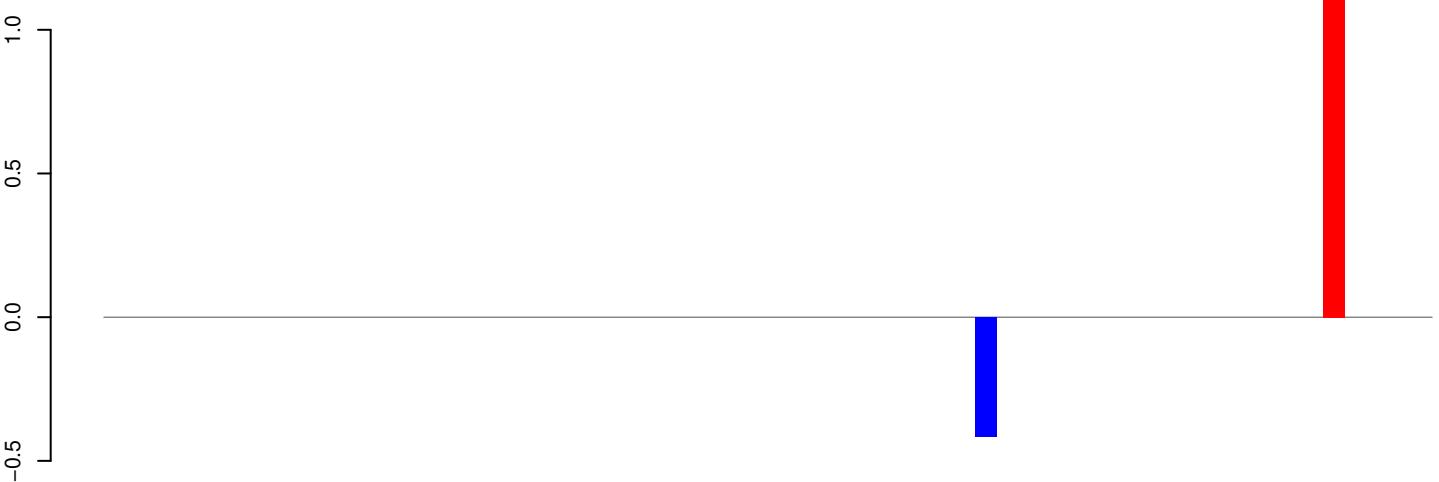
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



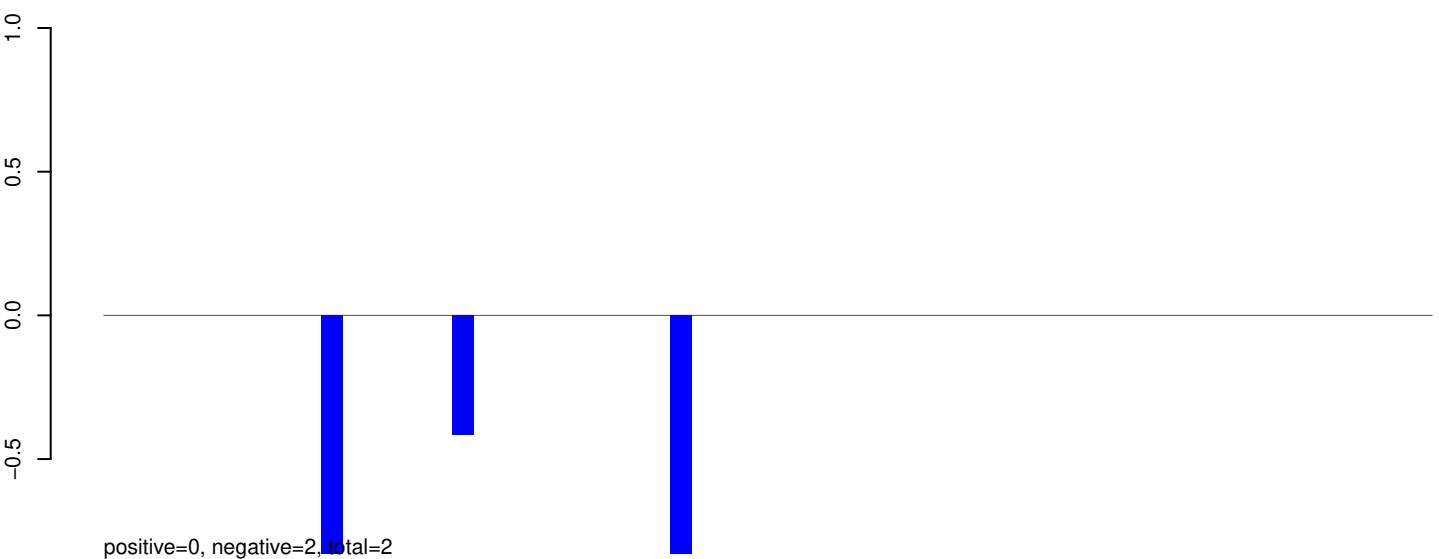
AeAeg\_Whole\_sm\_r123\_JM.rep



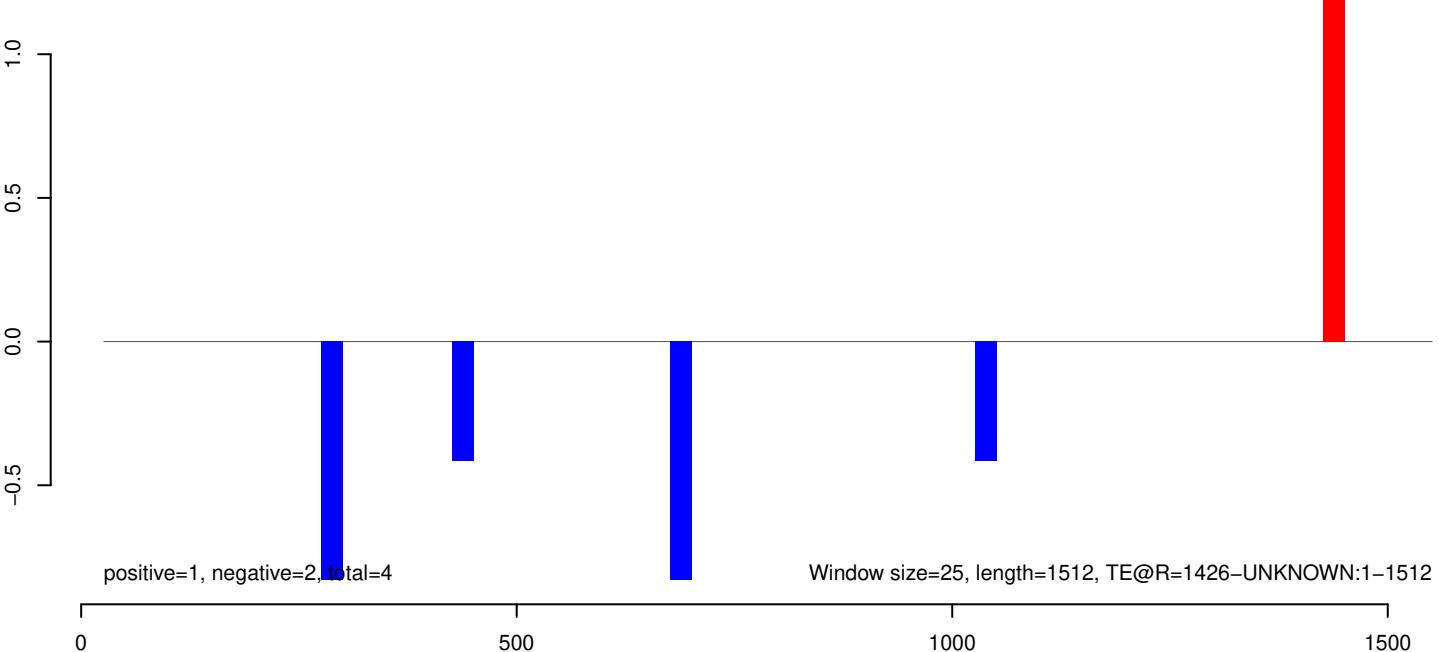
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



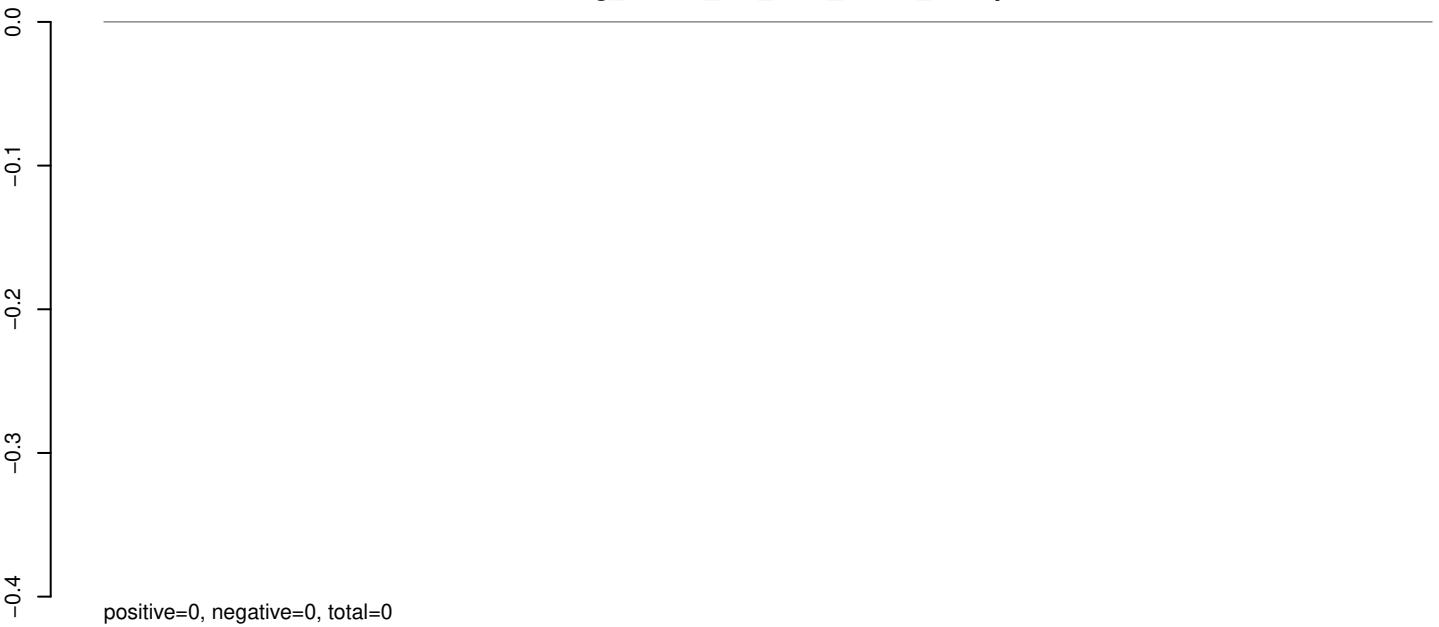
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



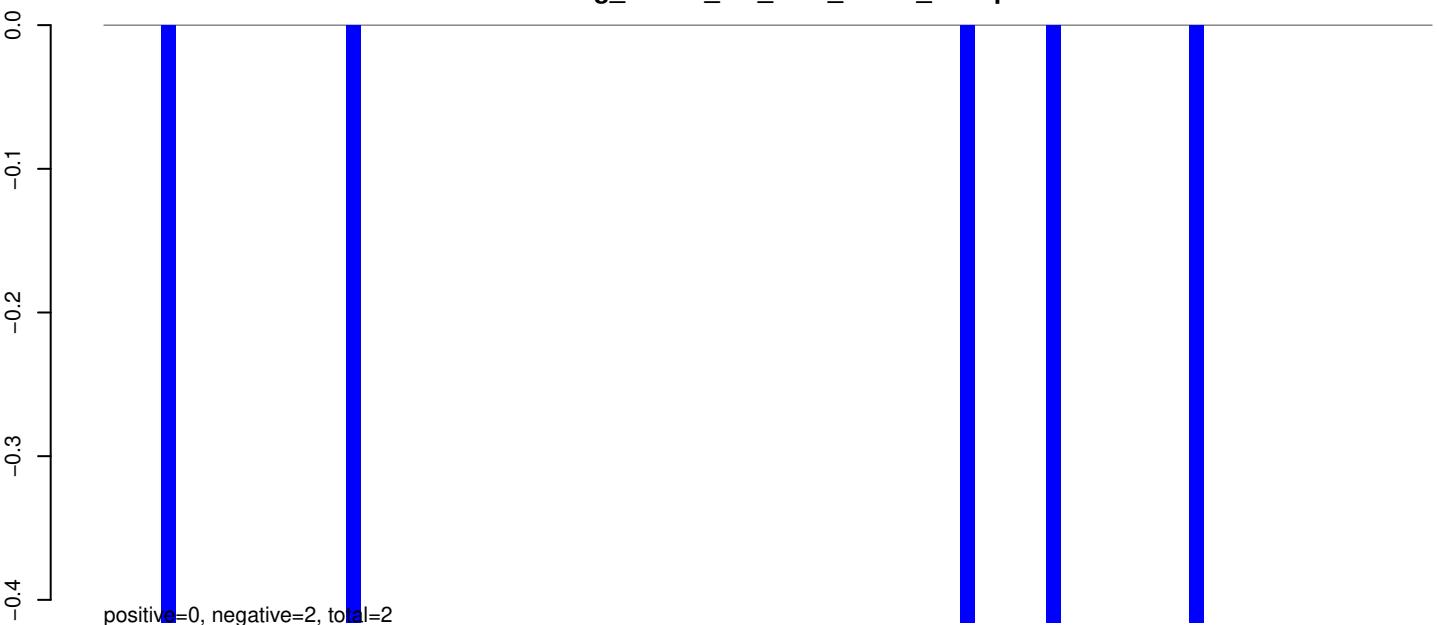
### AeAeg\_Whole\_sm\_r123\_JM.rep



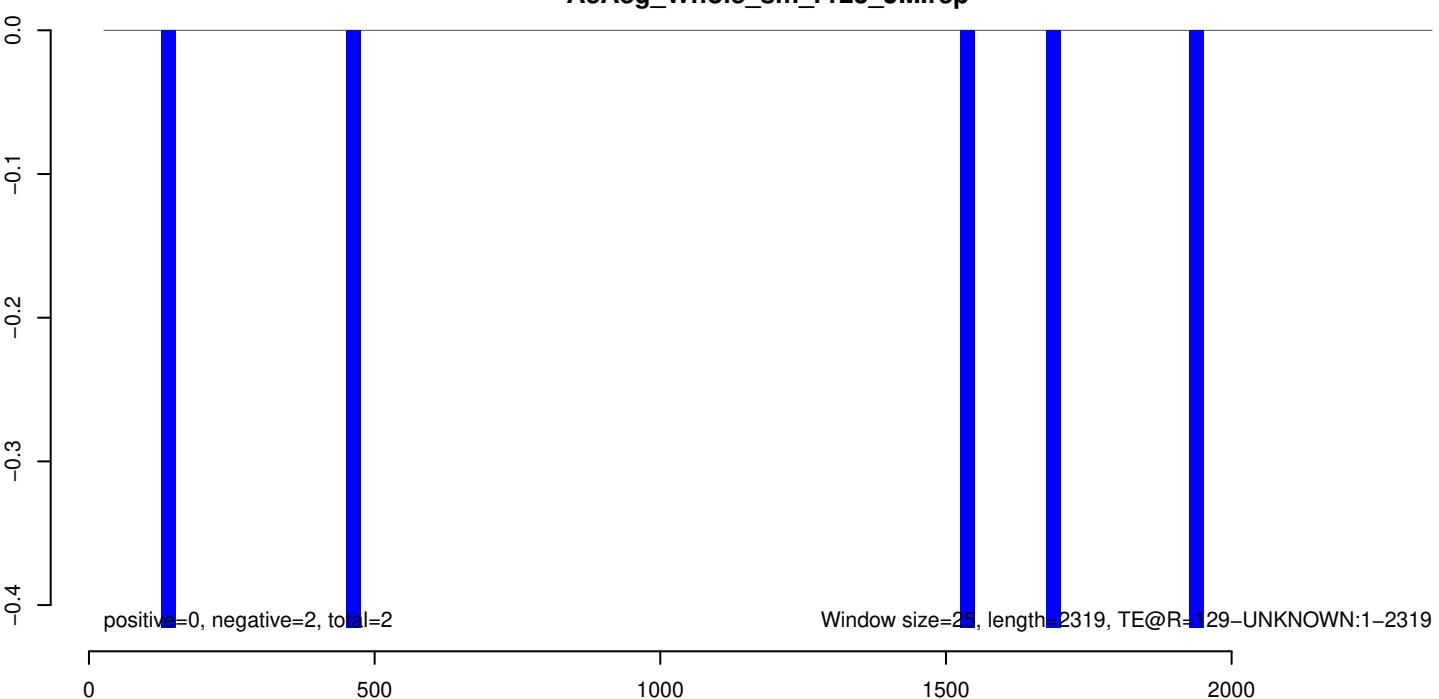
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



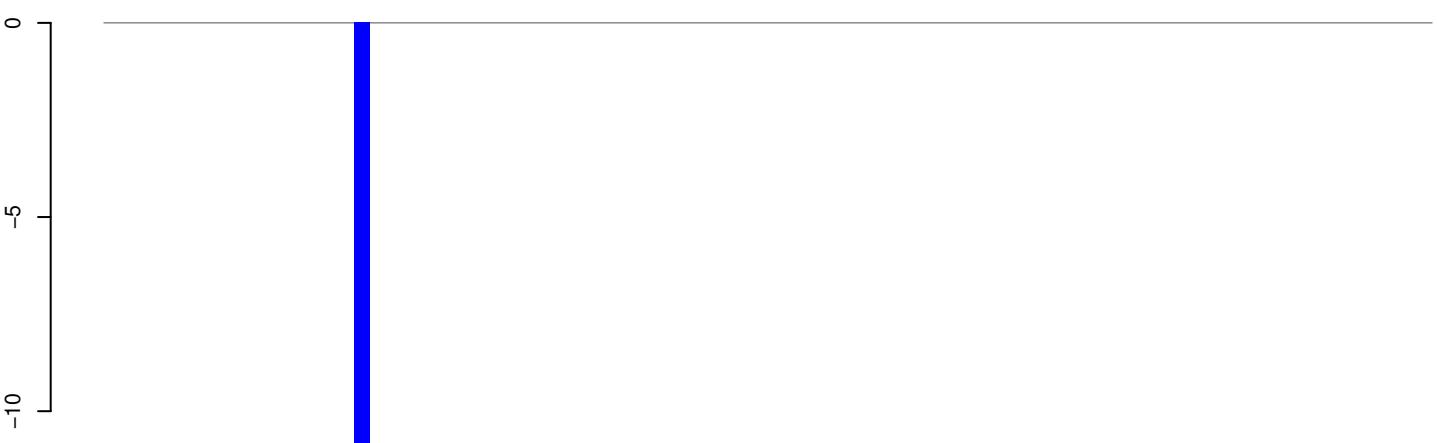
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



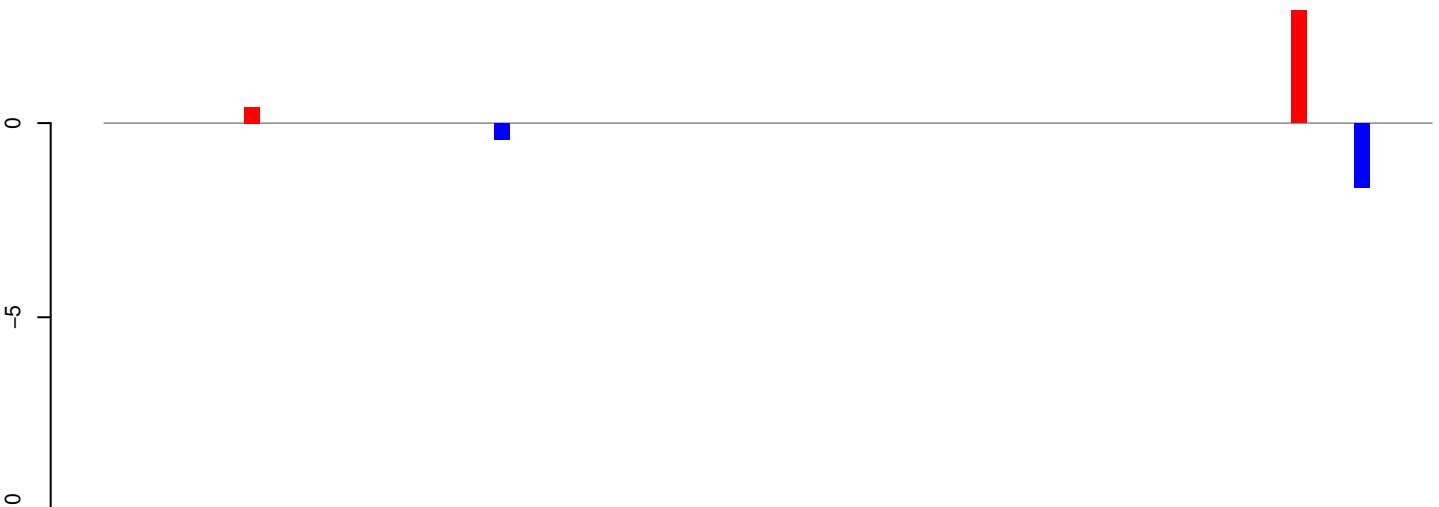
### AeAeg\_Whole\_sm\_r123\_JM.rep



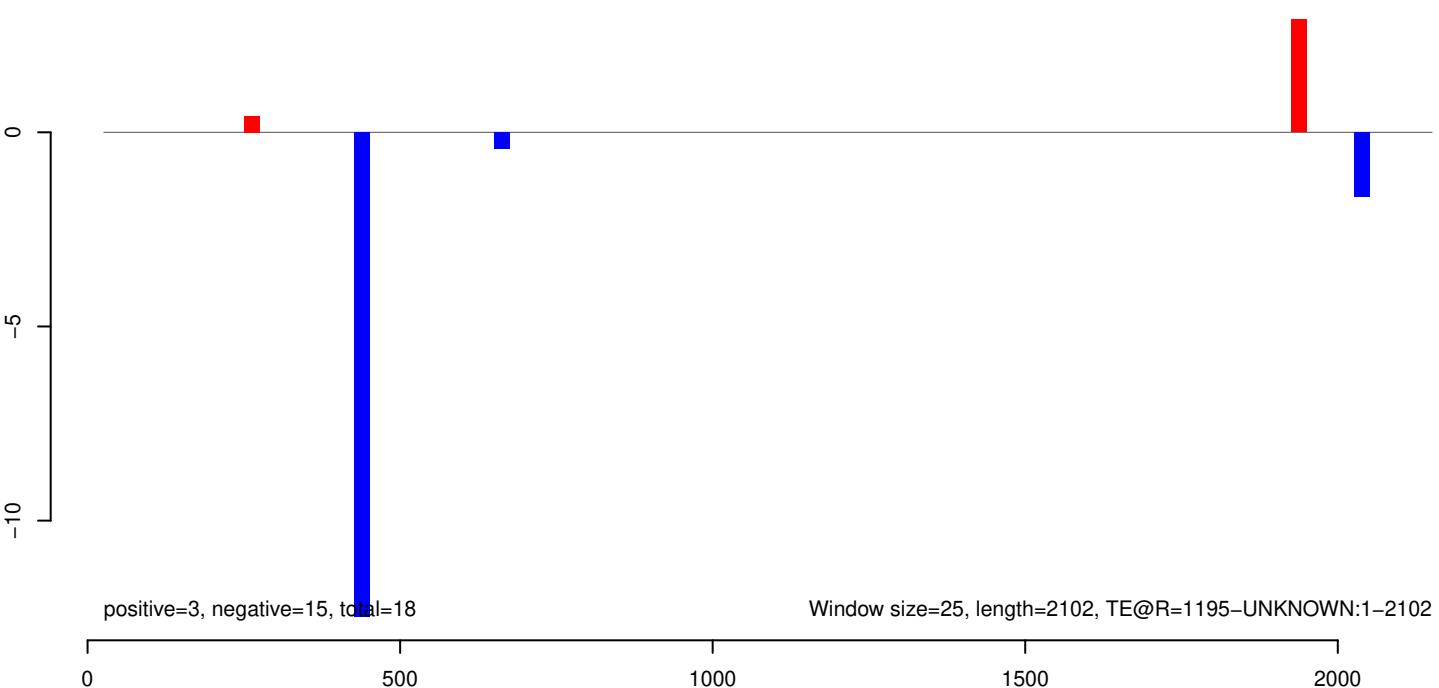
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



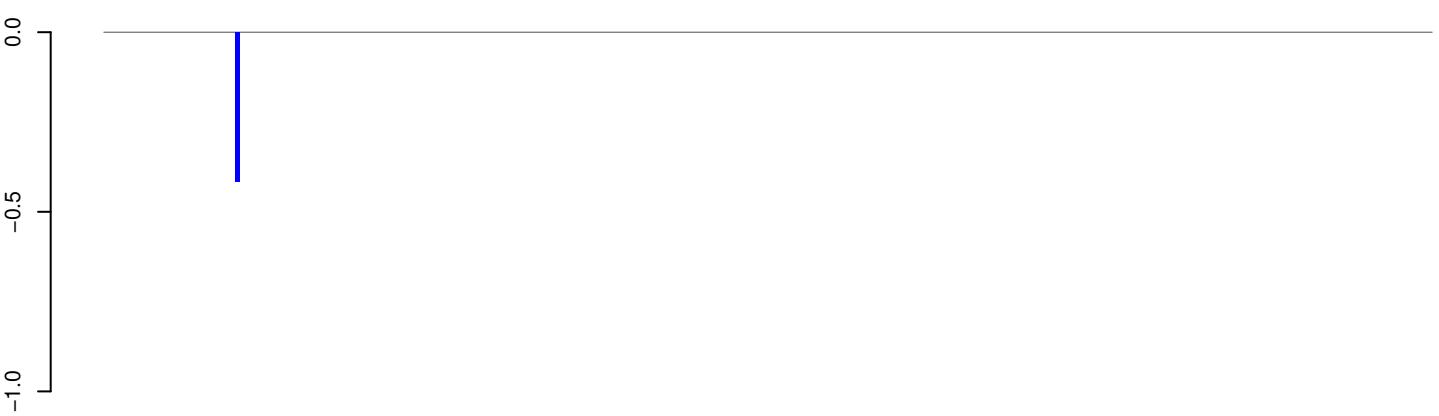
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

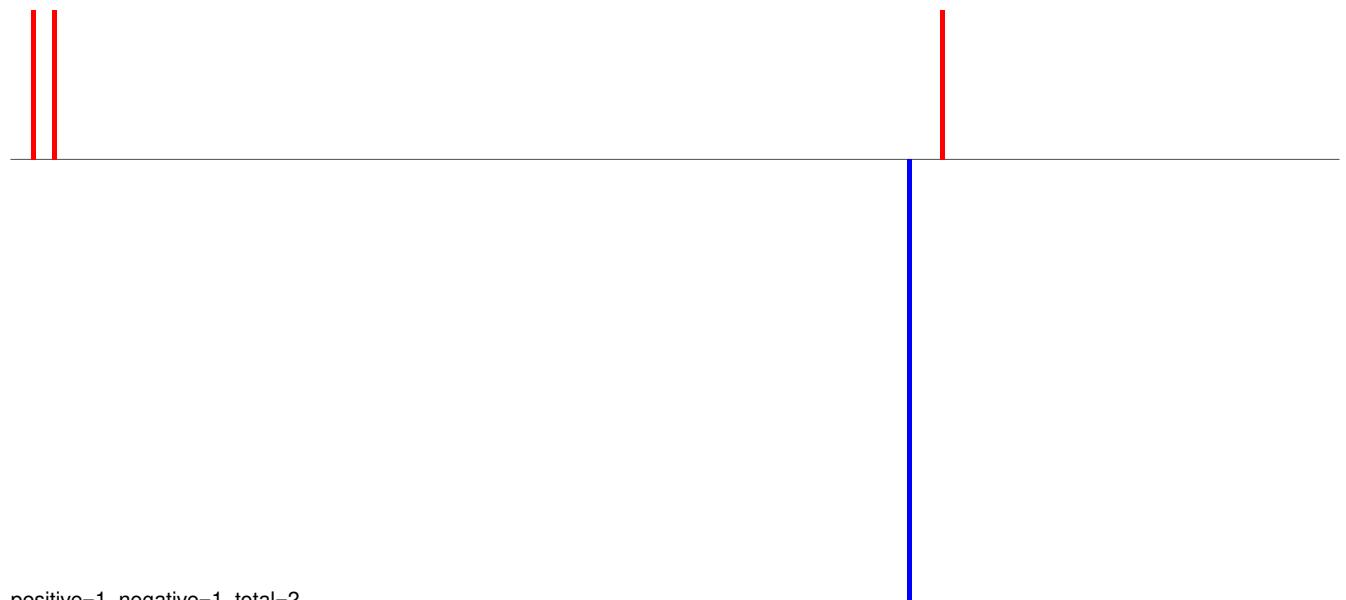


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



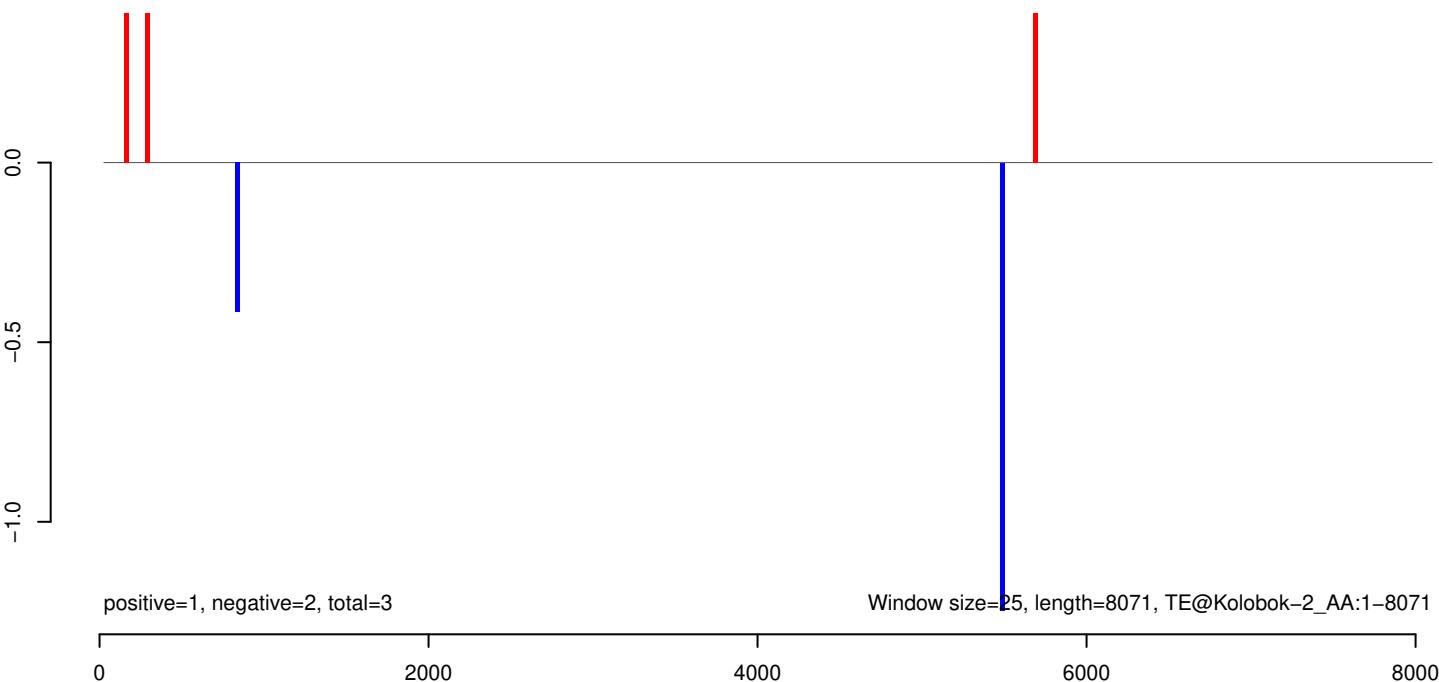
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=1, negative=2, total=3

Window size=25, length=8071, TE@Kolobok-2\_AA:1-8071

0 2000 4000 6000 8000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



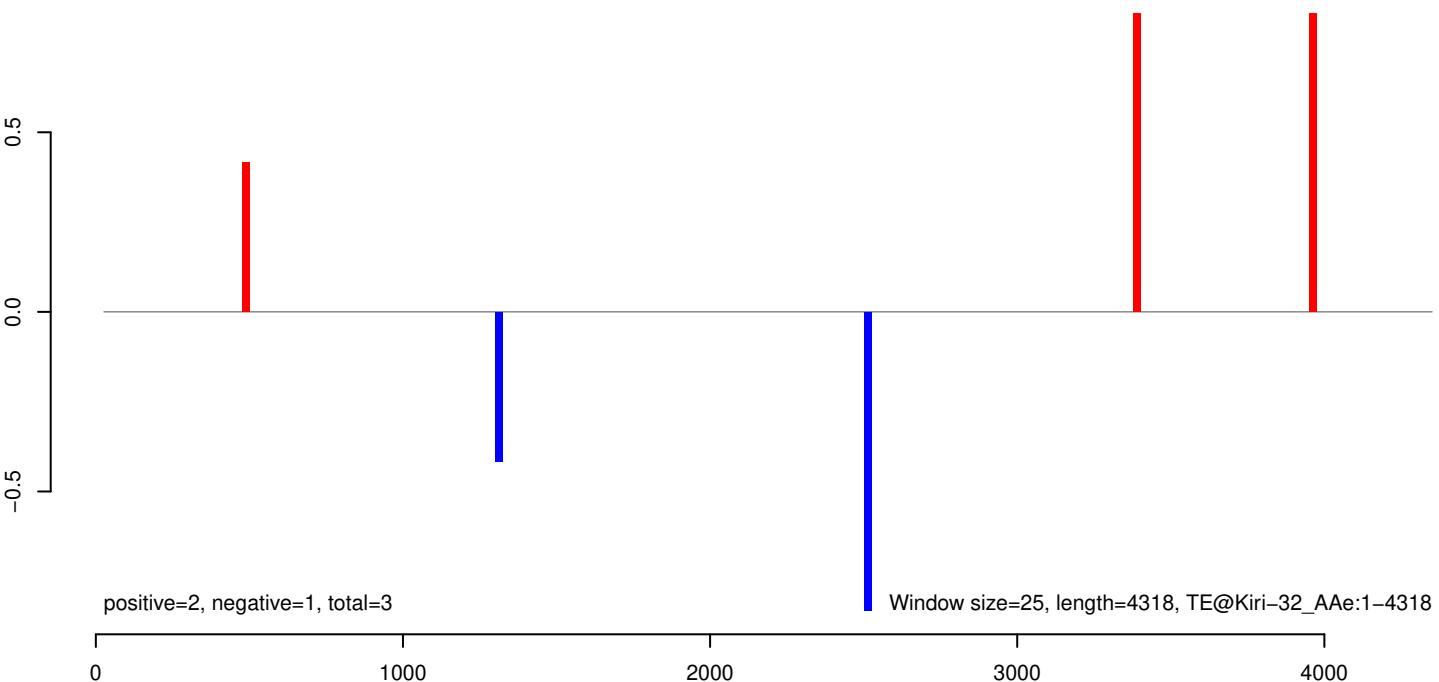
positive=0, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**



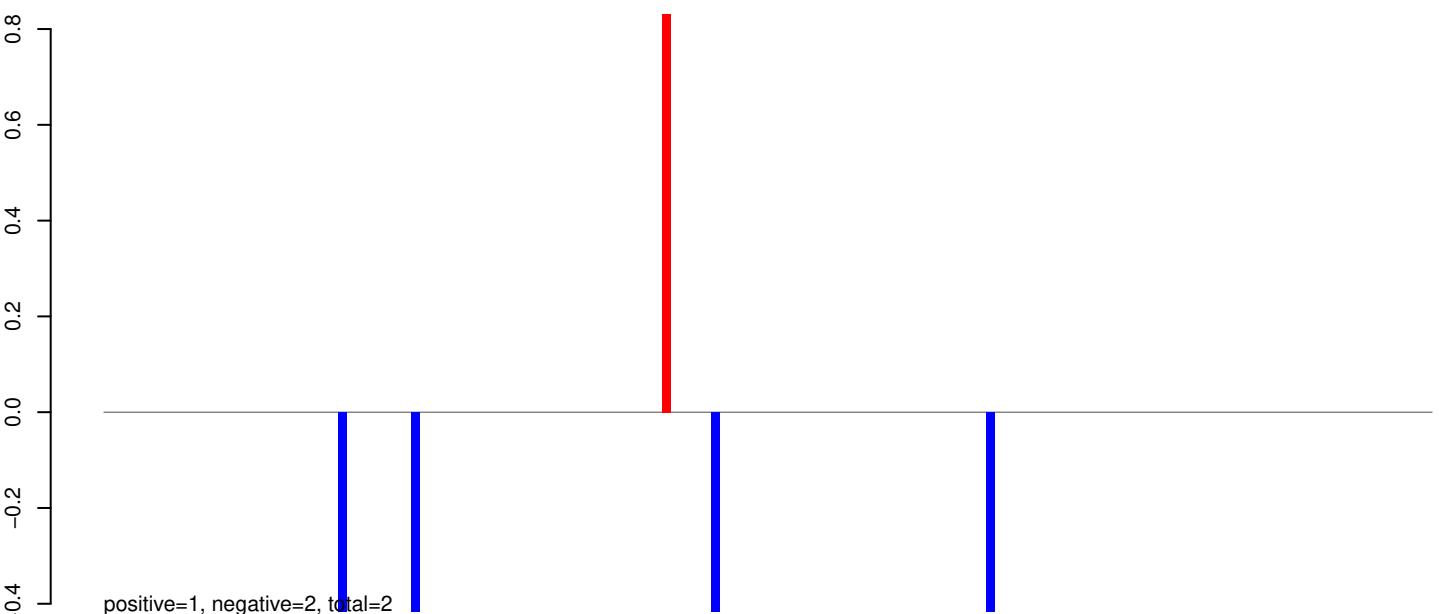
positive=2, negative=1, total=3

Window size=25, length=4318, TE@Kiri-32\_AAe:1-4318

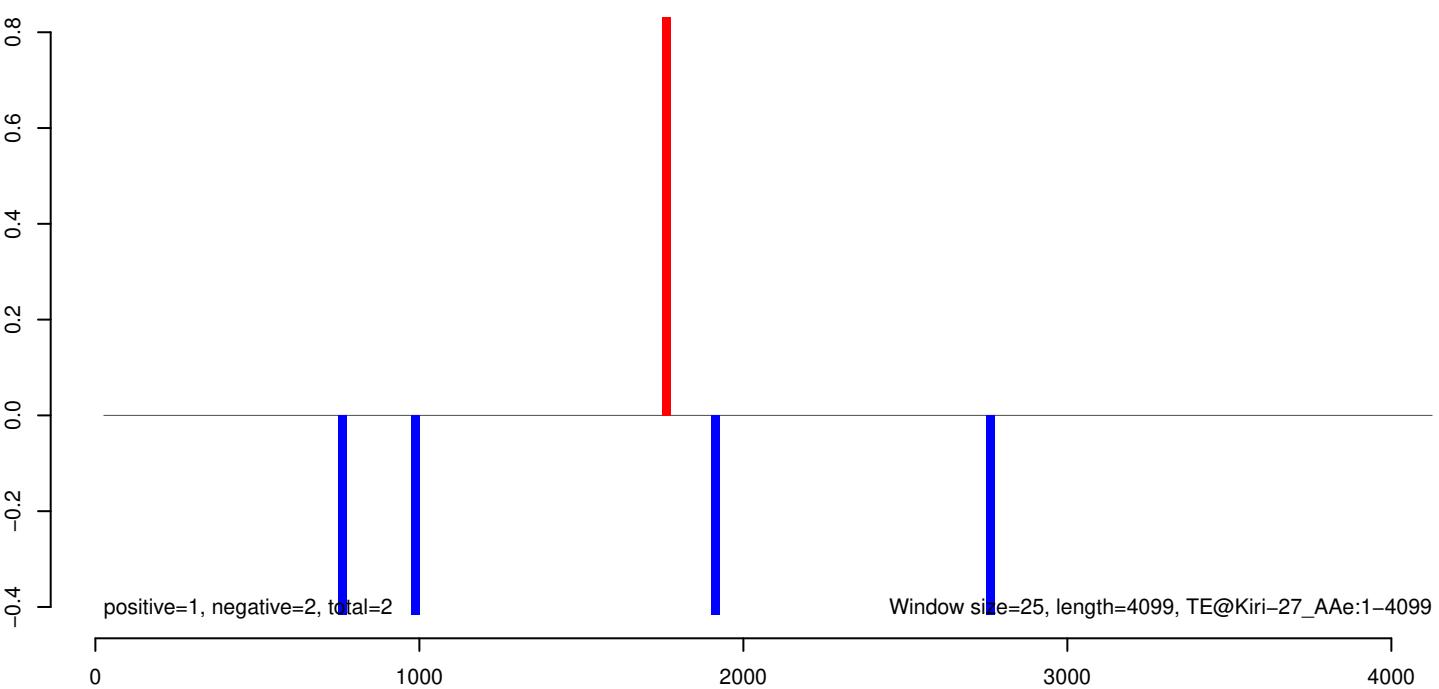
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

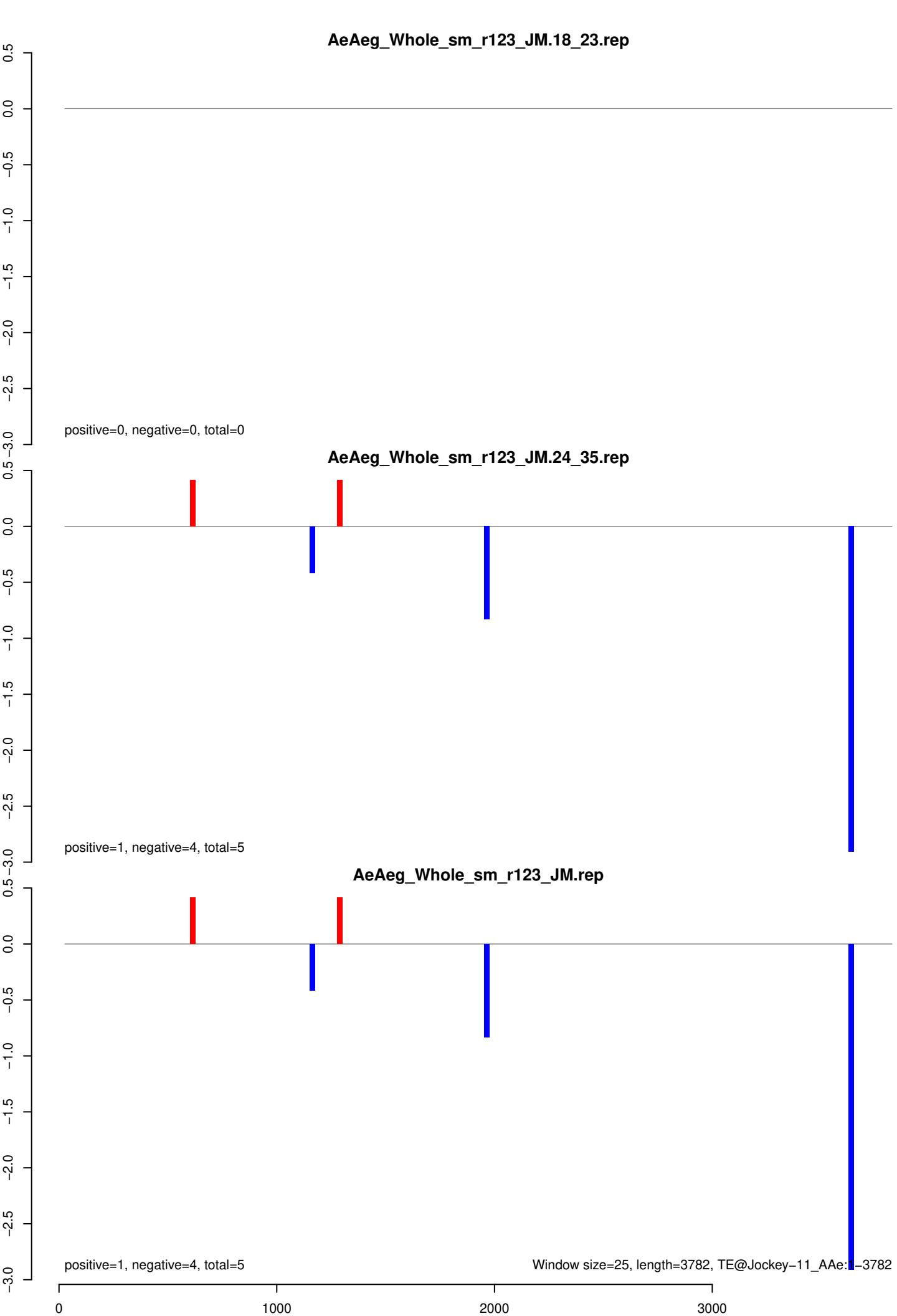
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=1, negative=4, total=5

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=1, negative=4, total=5

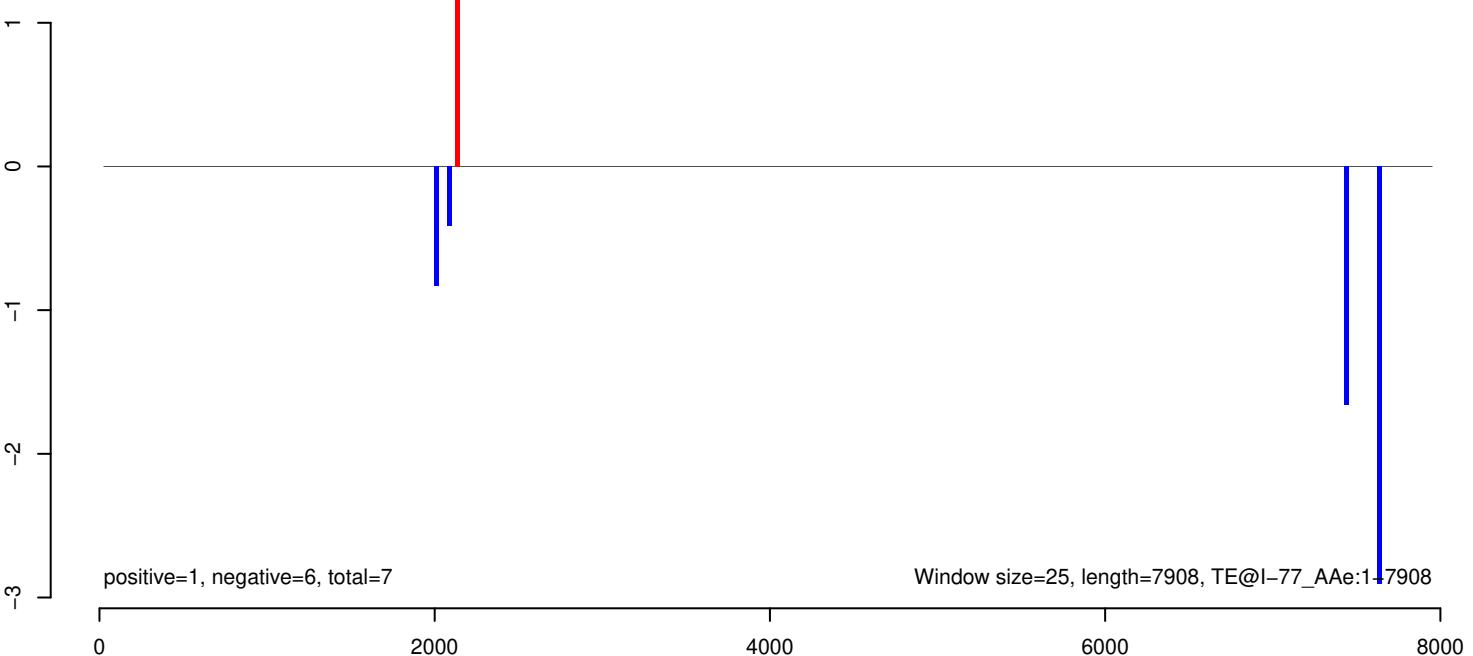
Window size=25, length=3782, TE@Jockey-11\_AAe:  
-3782



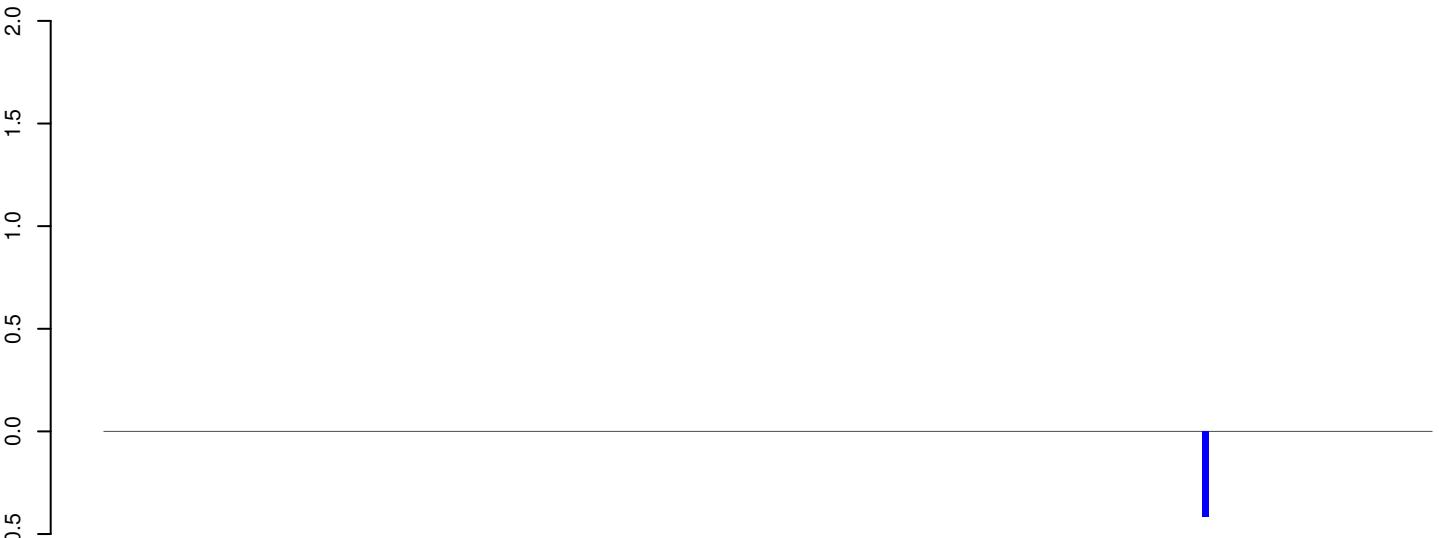
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



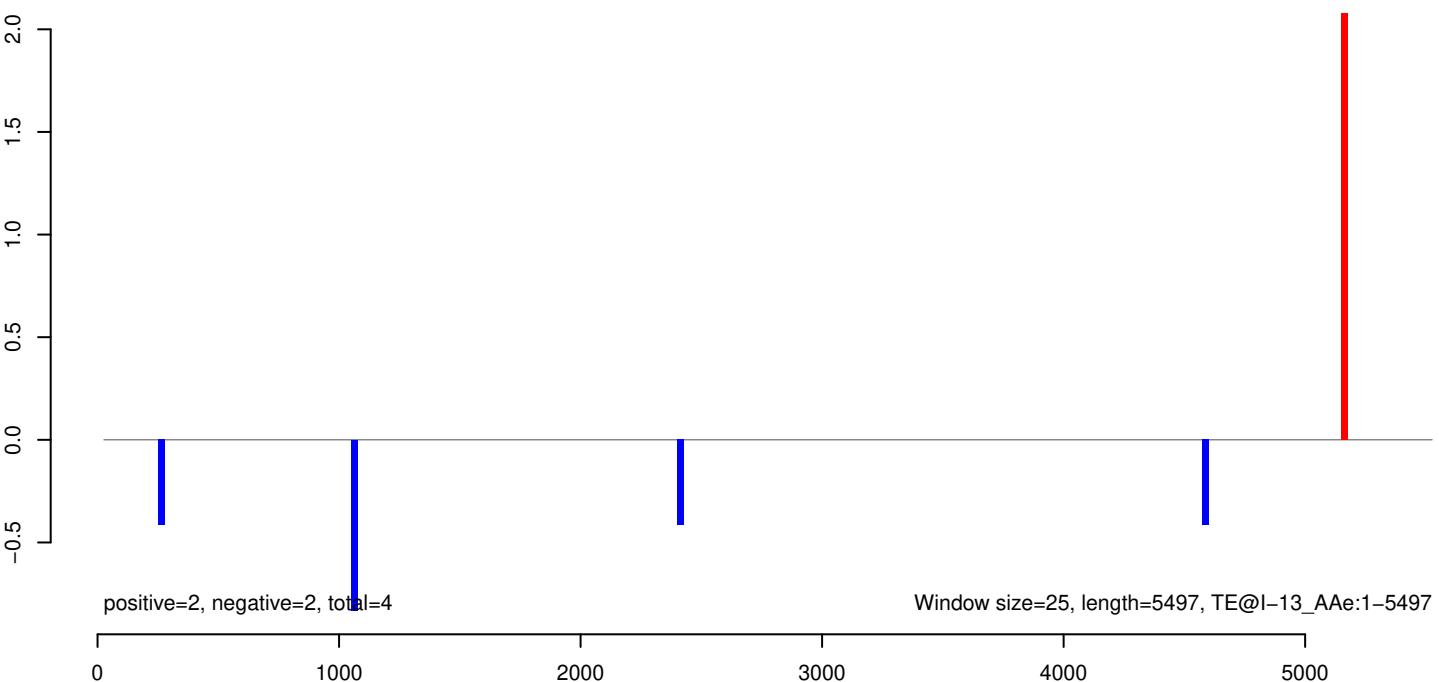
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

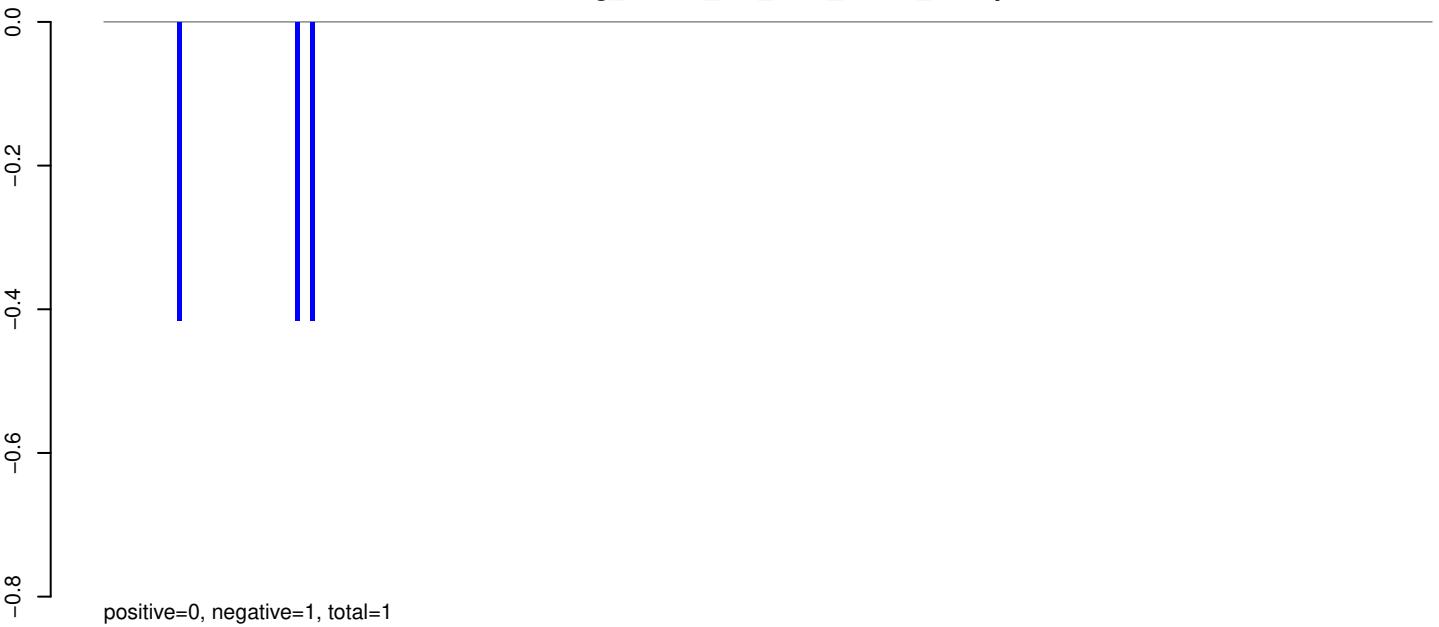


positive=2, negative=2, total=4

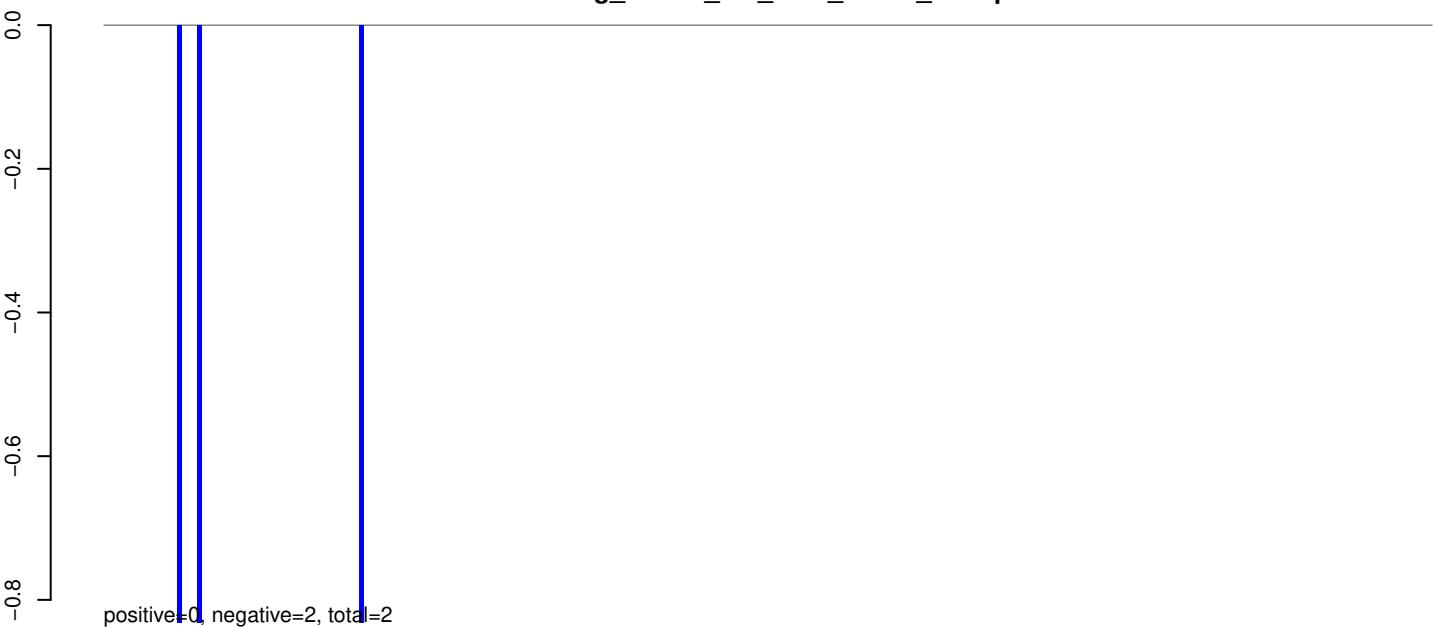
### AeAeg\_Whole\_sm\_r123\_JM.rep



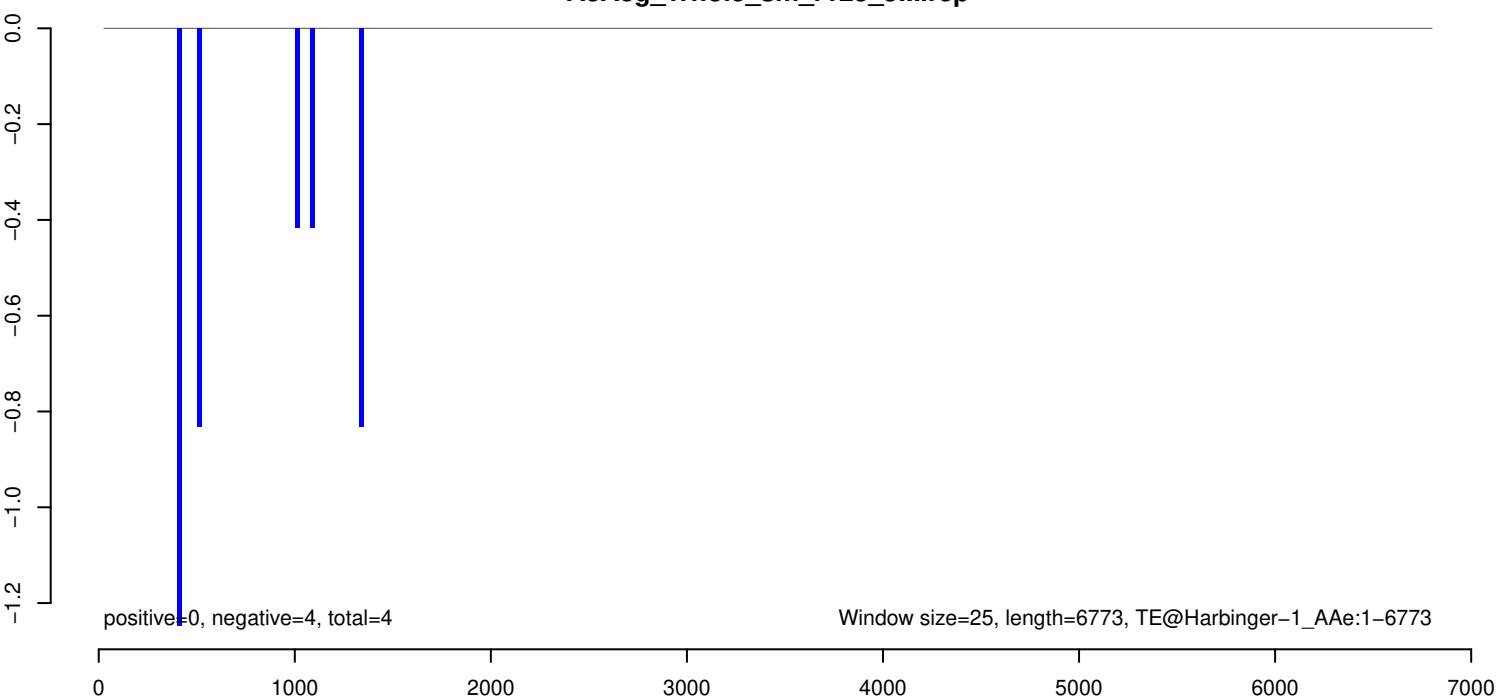
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

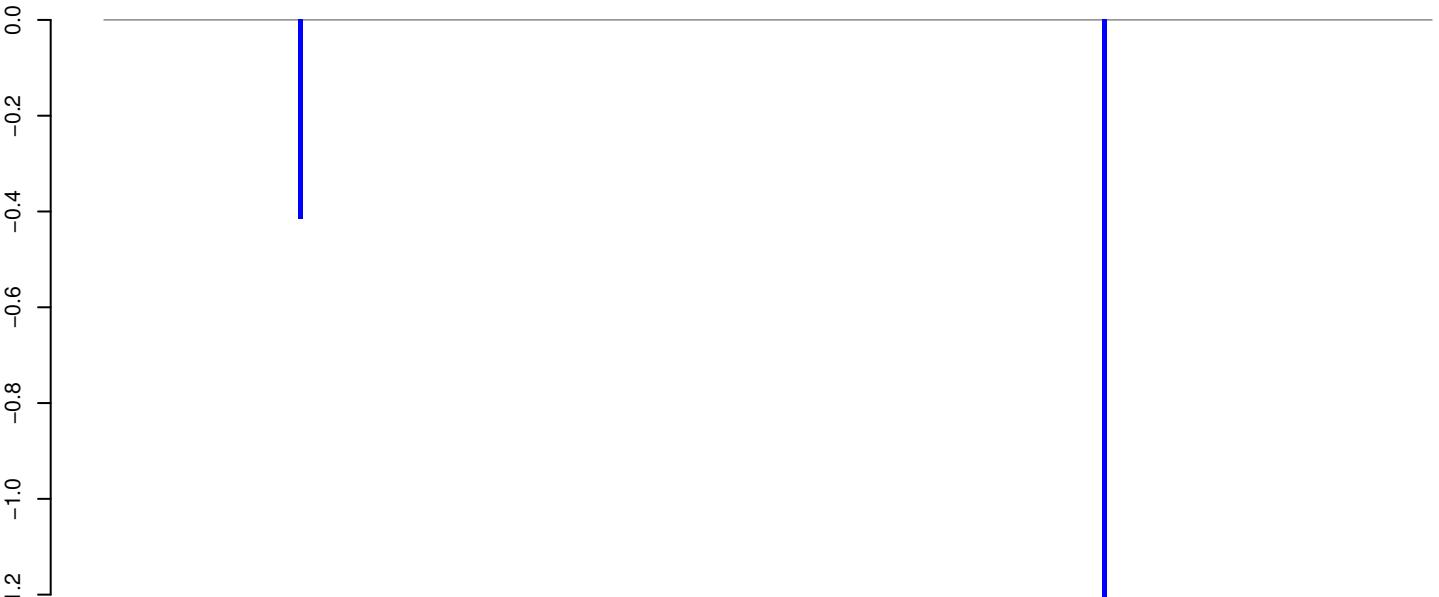


### AeAeg\_Whole\_sm\_r123\_JM.rep



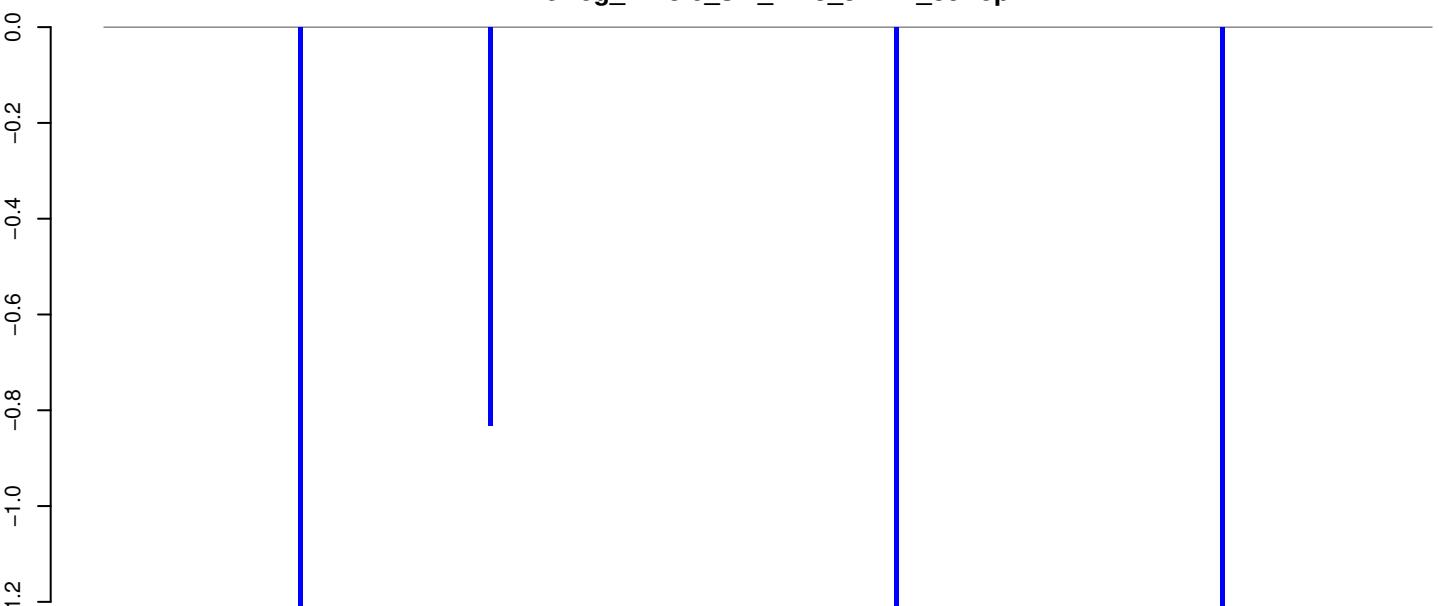
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

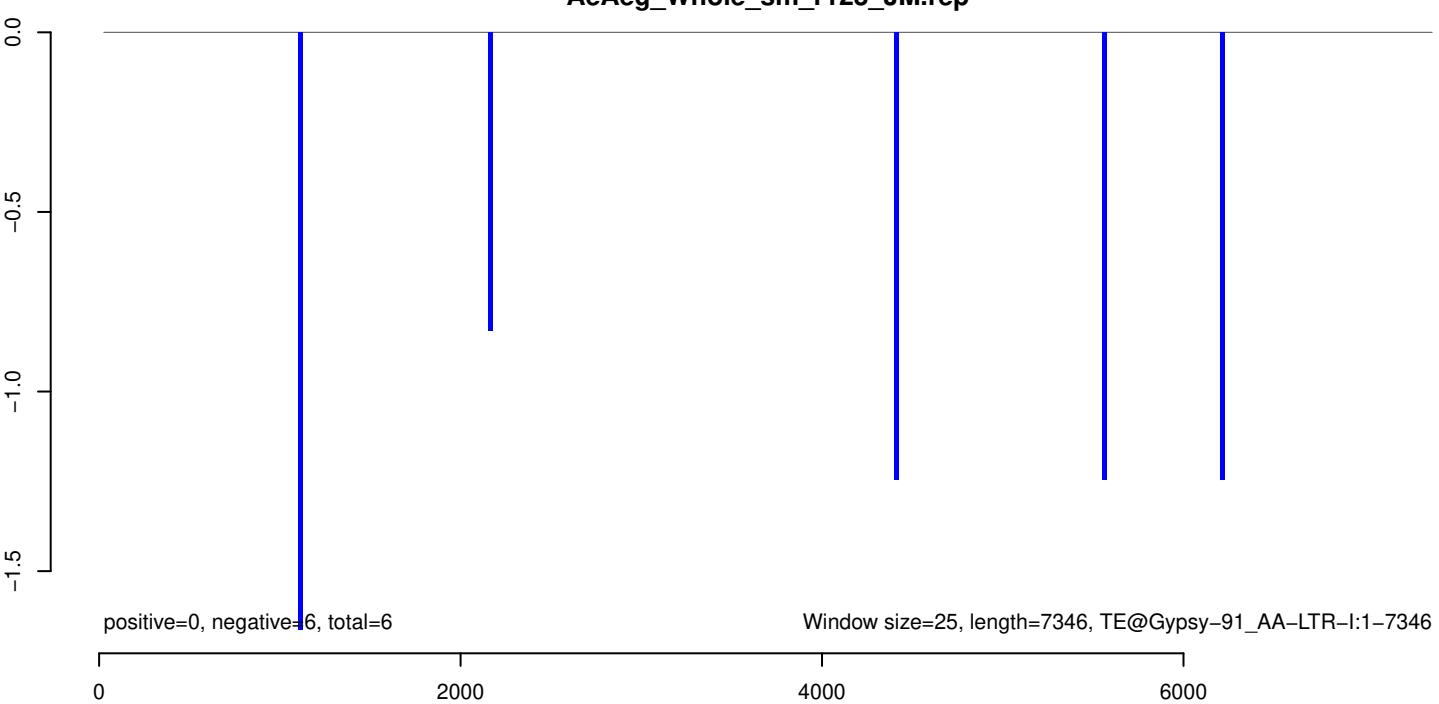
positive=0, negative=5, total=5



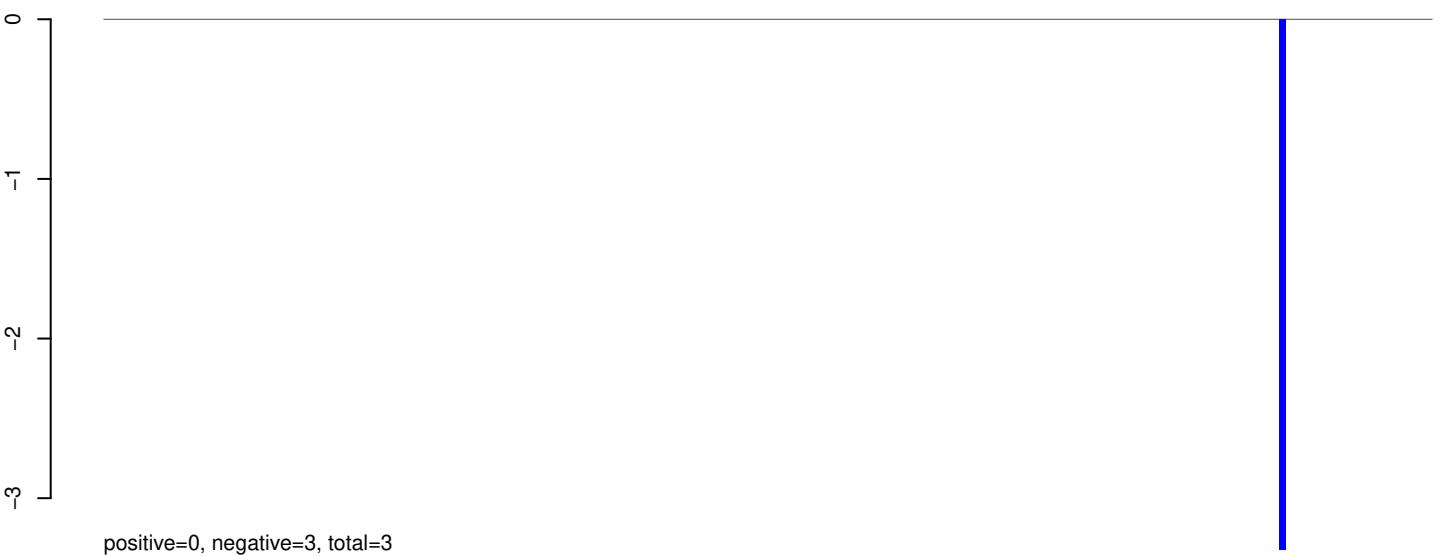
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=6, total=6

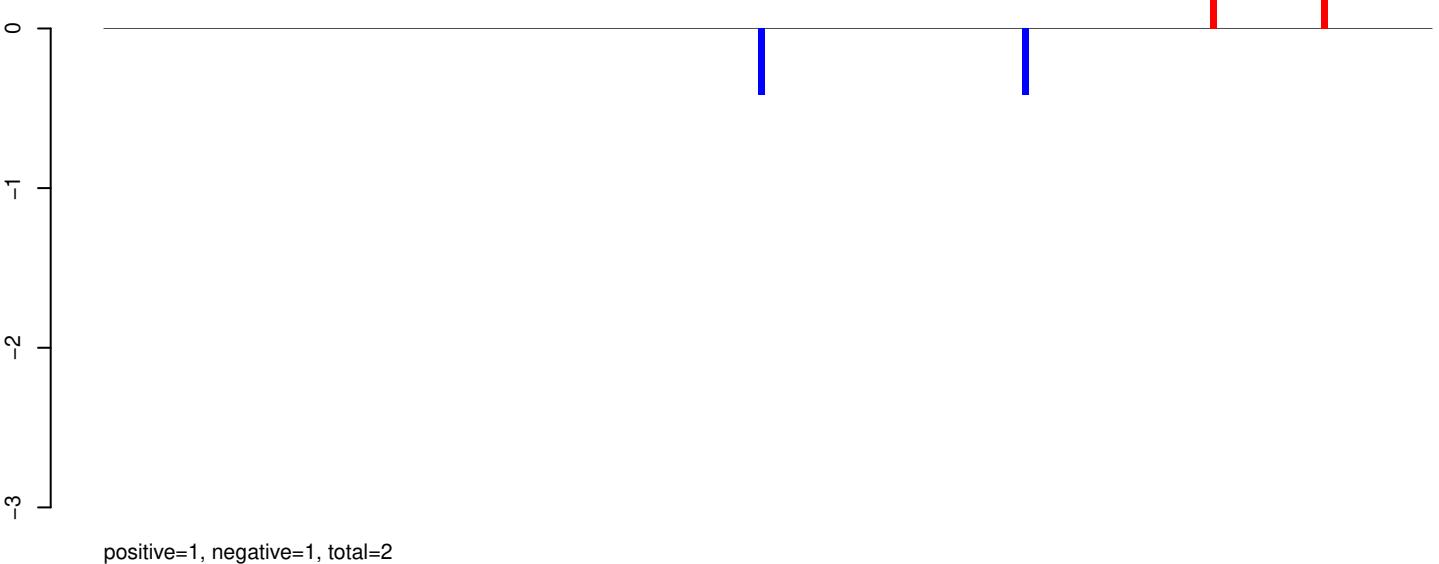
Window size=25, length=7346, TE@Gypsy-91\_AA-LTR-I:1-7346



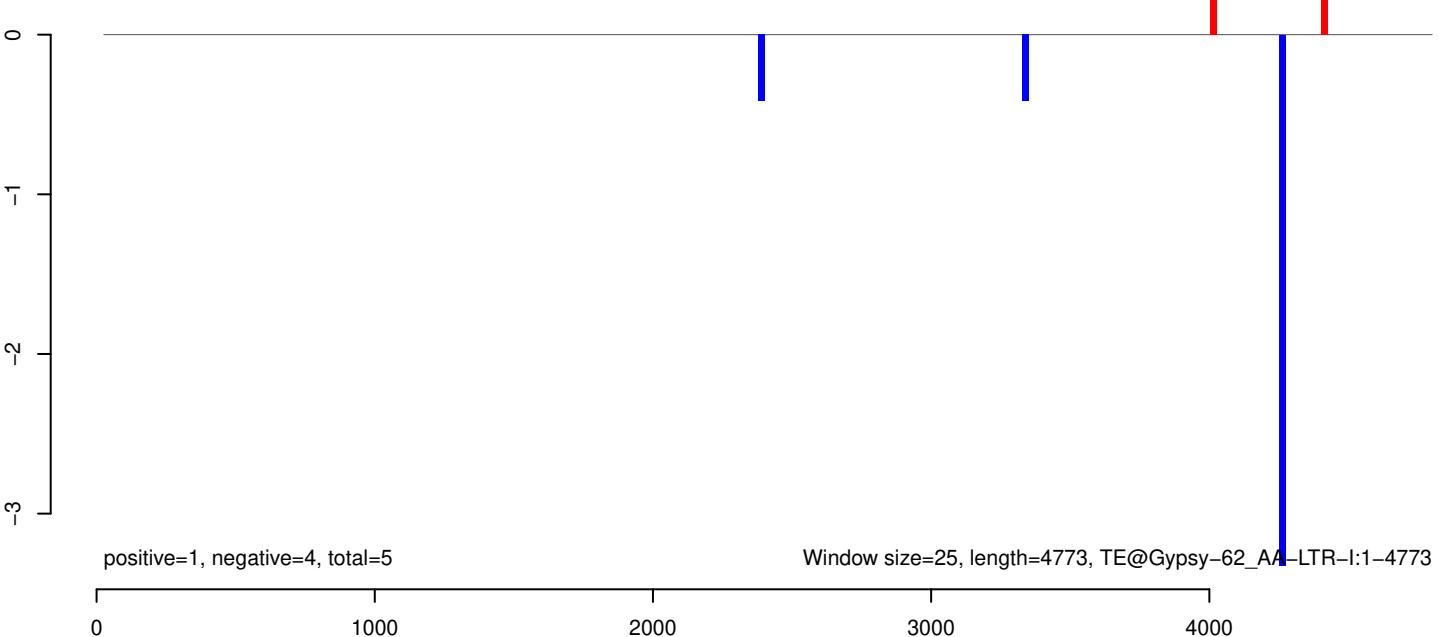
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



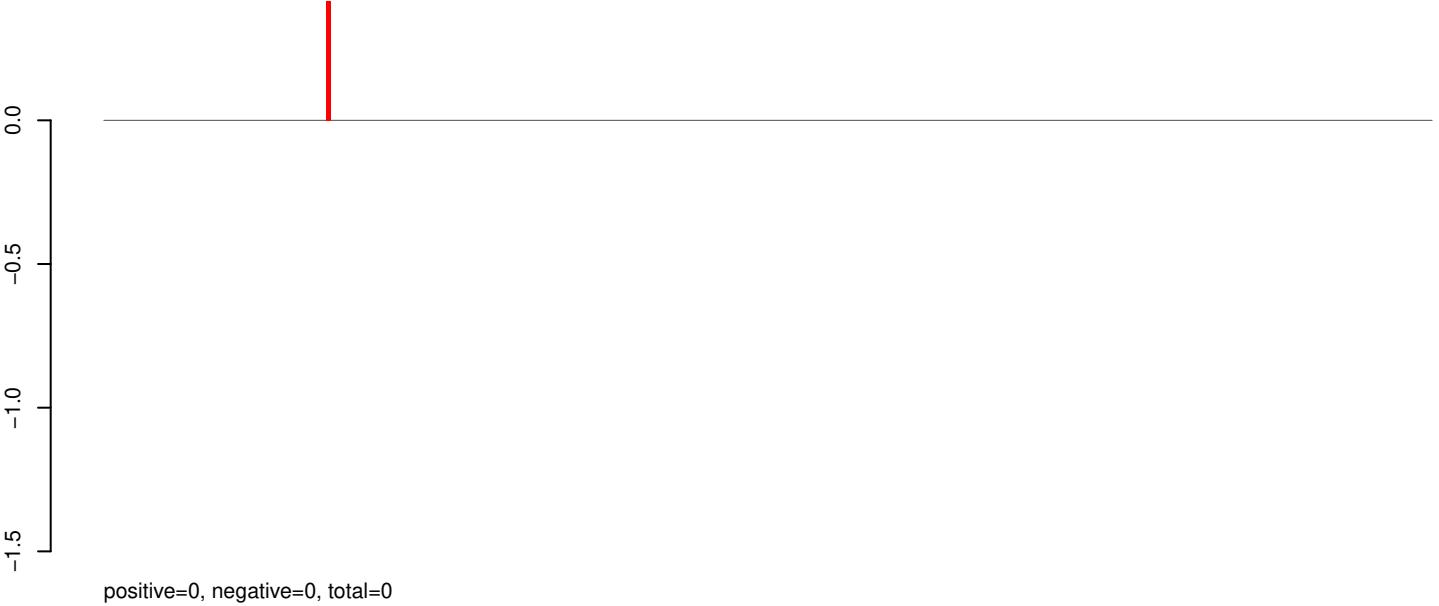
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



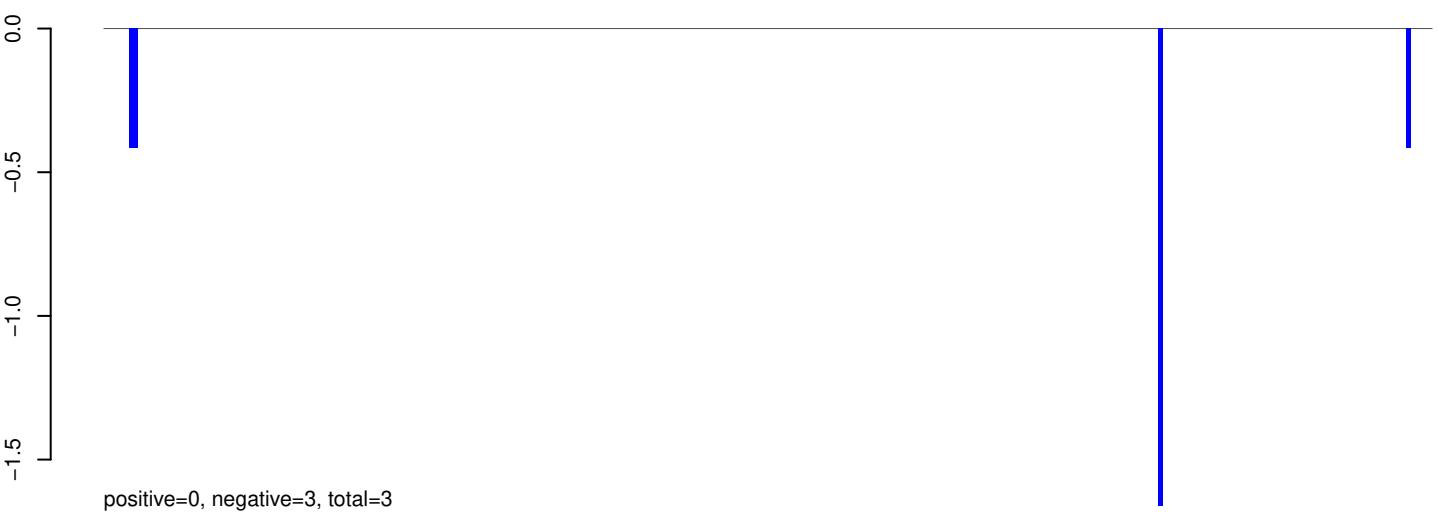
**AeAeg\_Whole\_sm\_r123\_JM.rep**



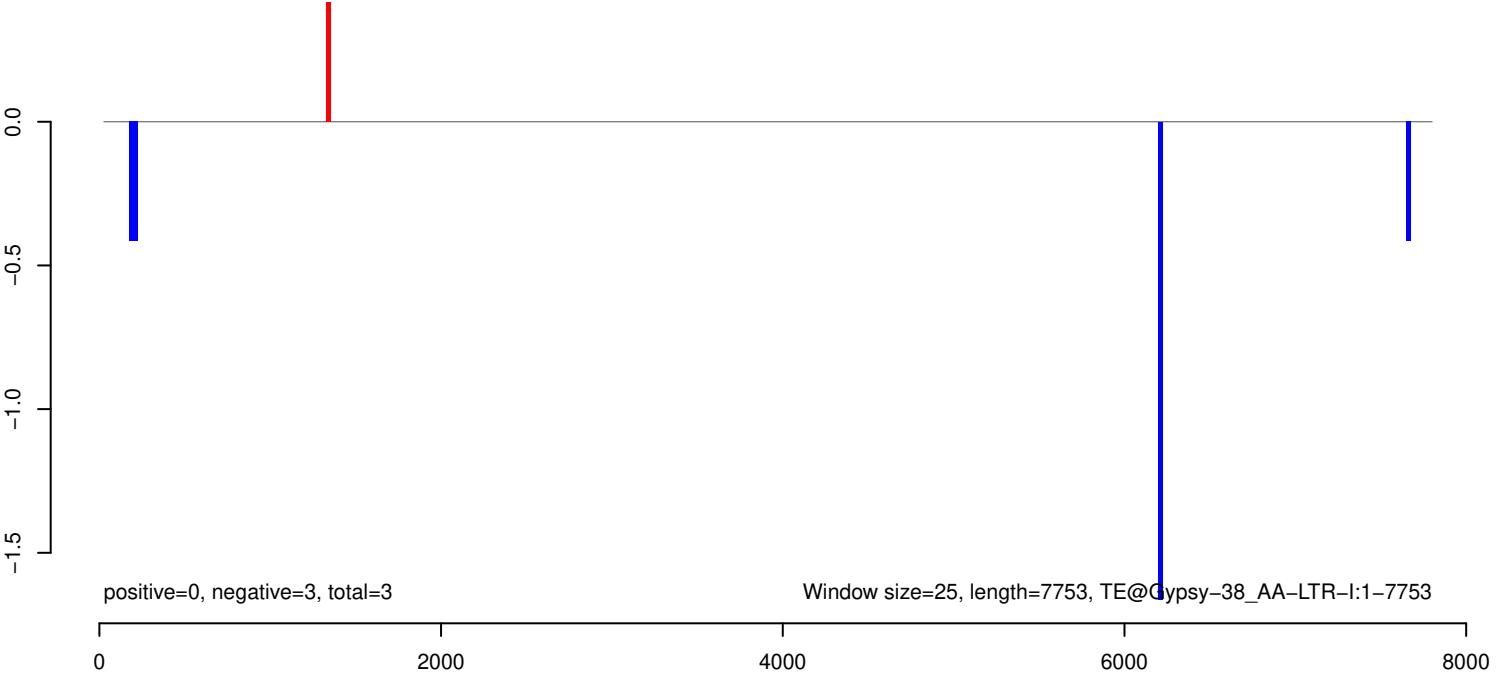
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



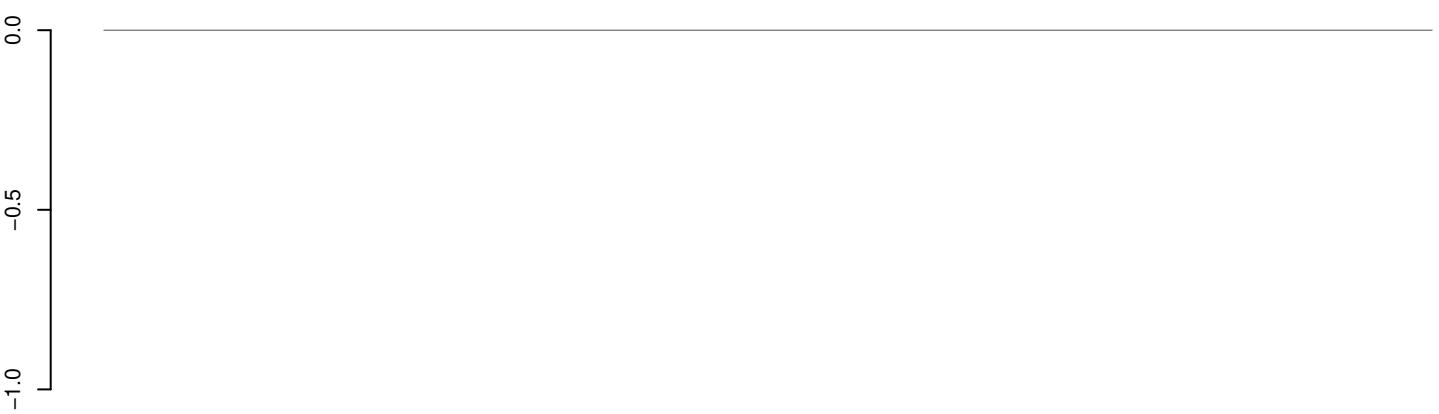
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

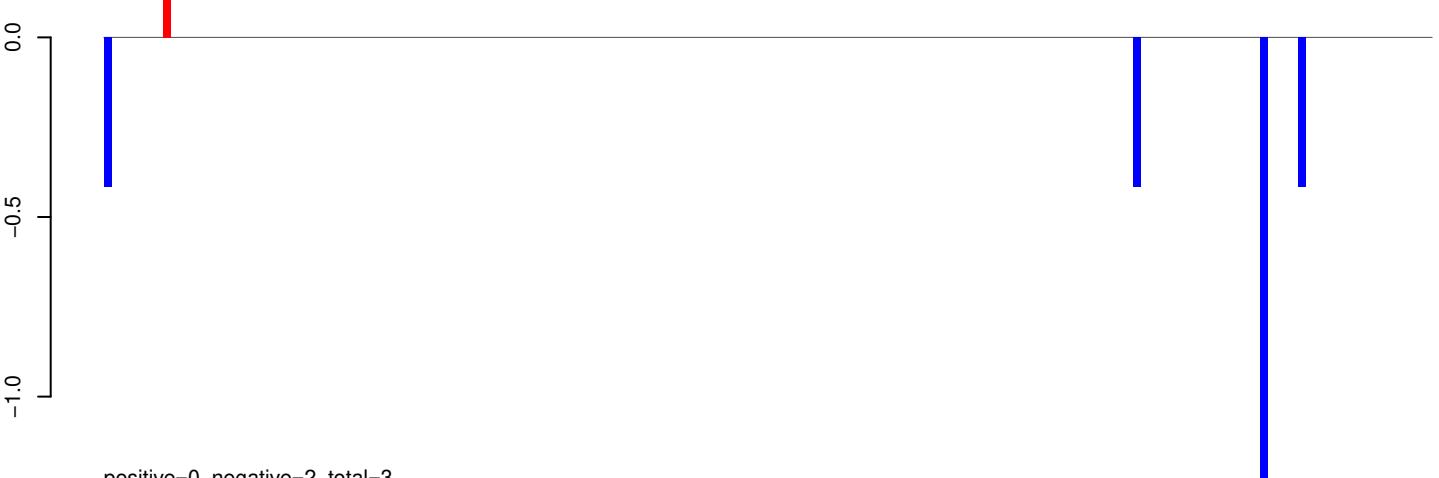


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



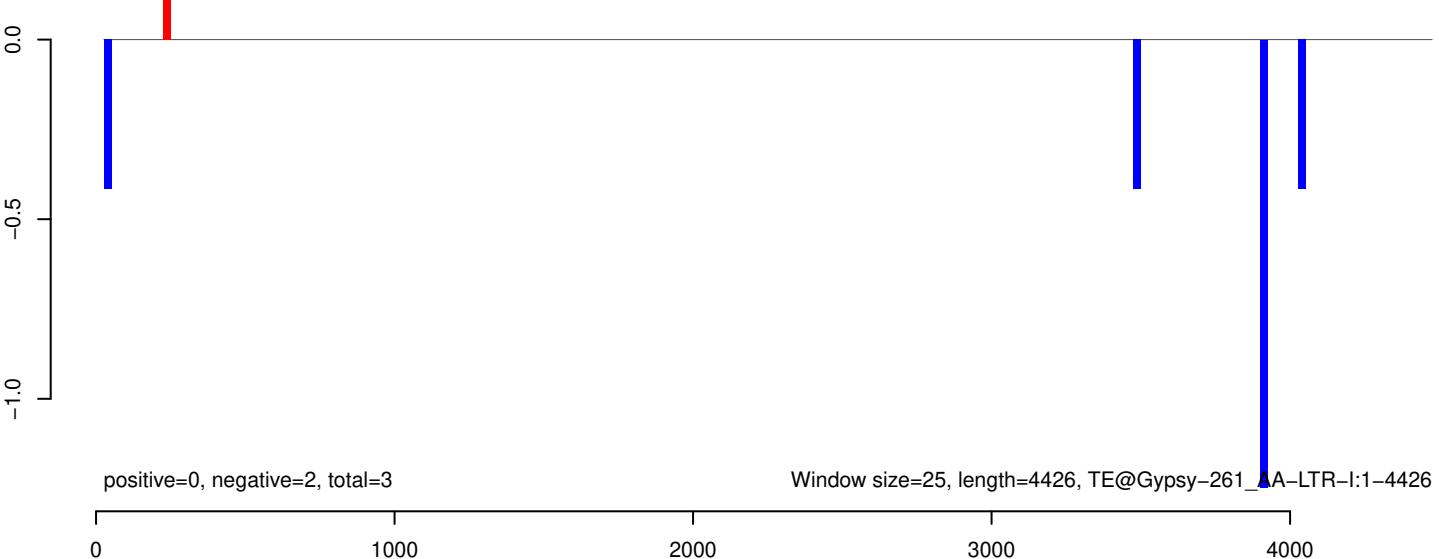
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



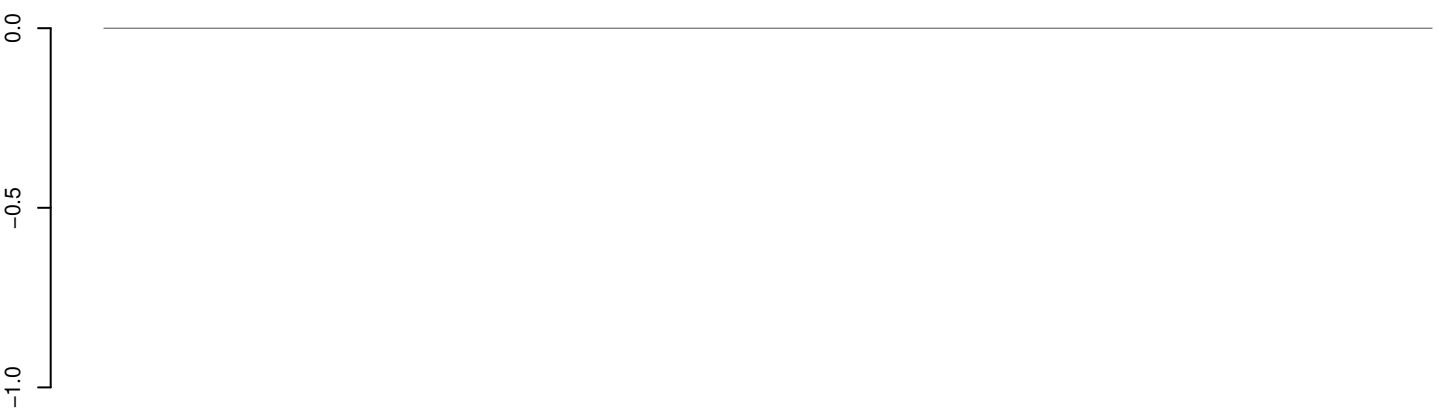
positive=0, negative=2, total=3

**AeAeg\_Whole\_sm\_r123\_JM.rep**



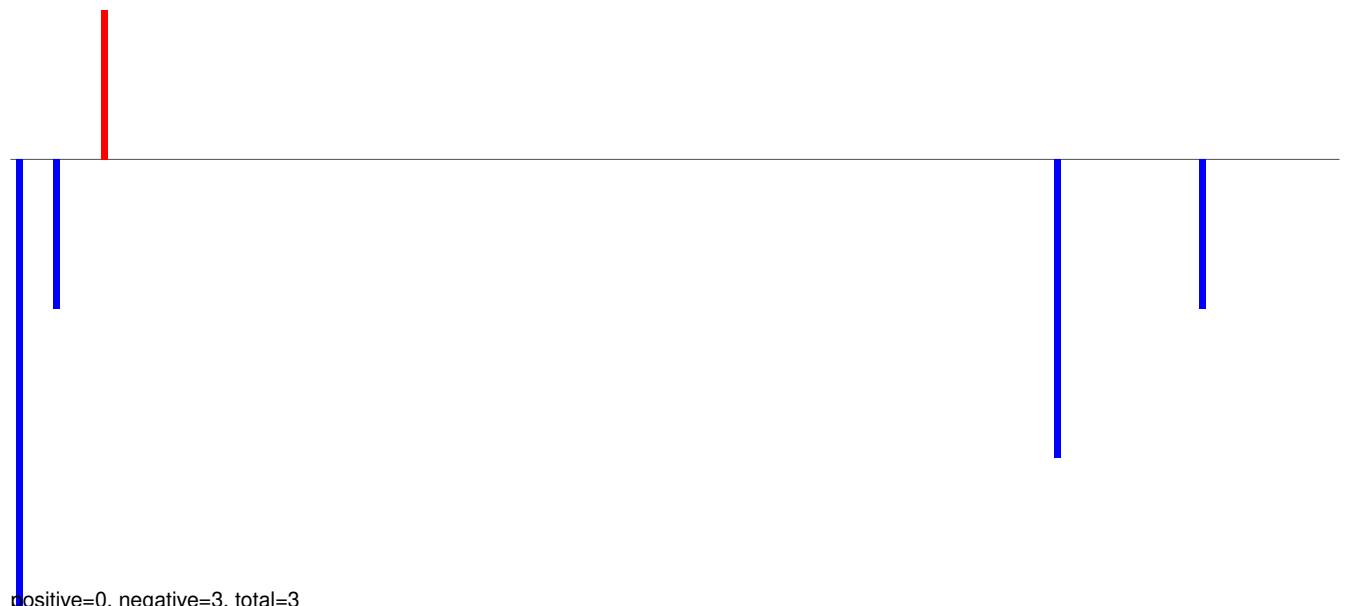
0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



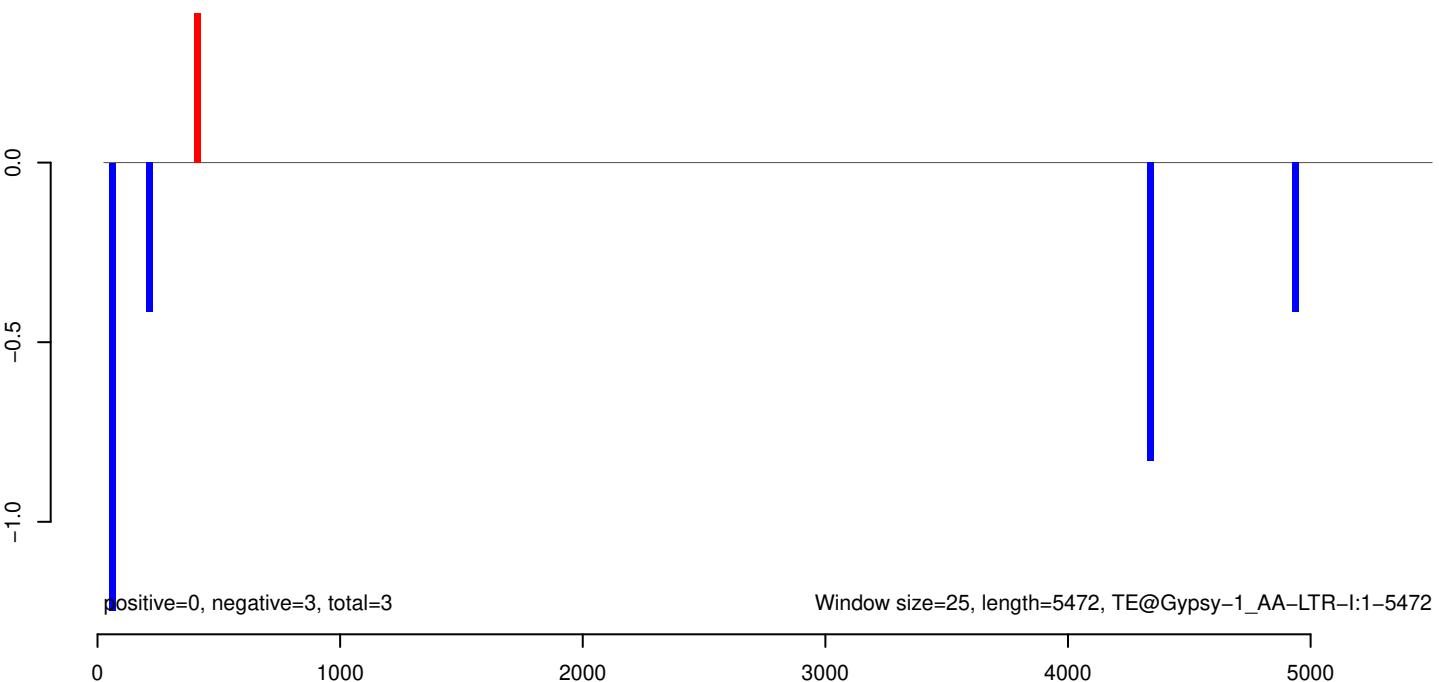
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=3, total=3

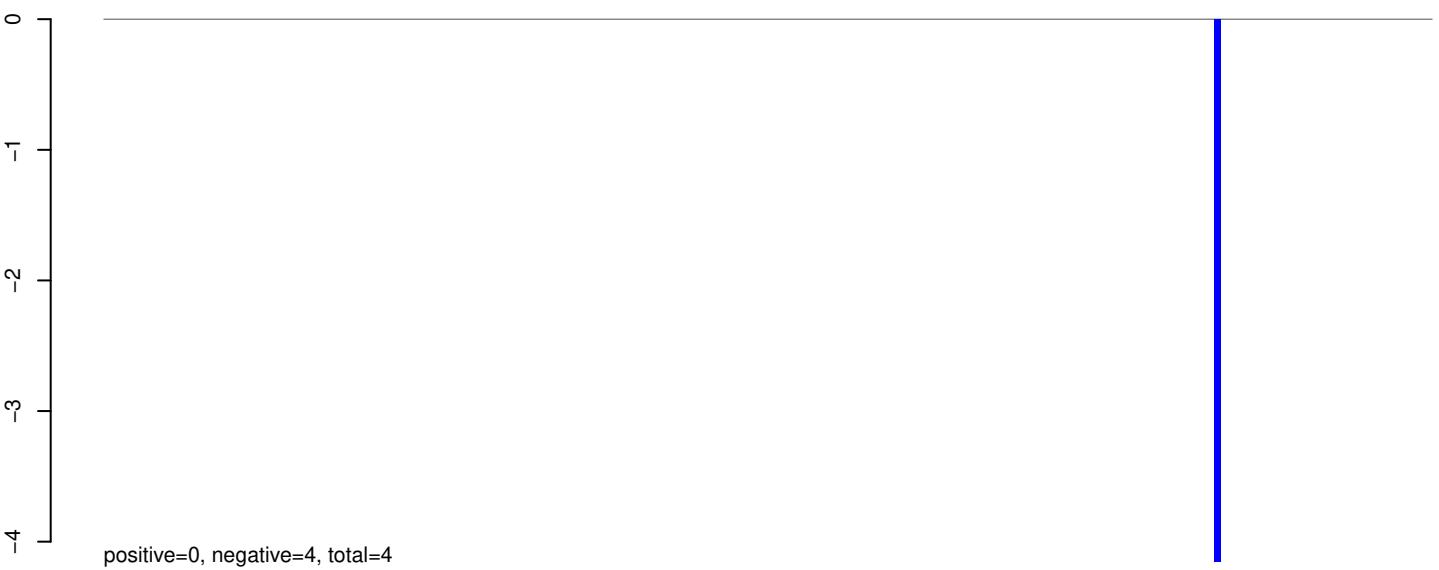
**AeAeg\_Whole\_sm\_r123\_JM.rep**



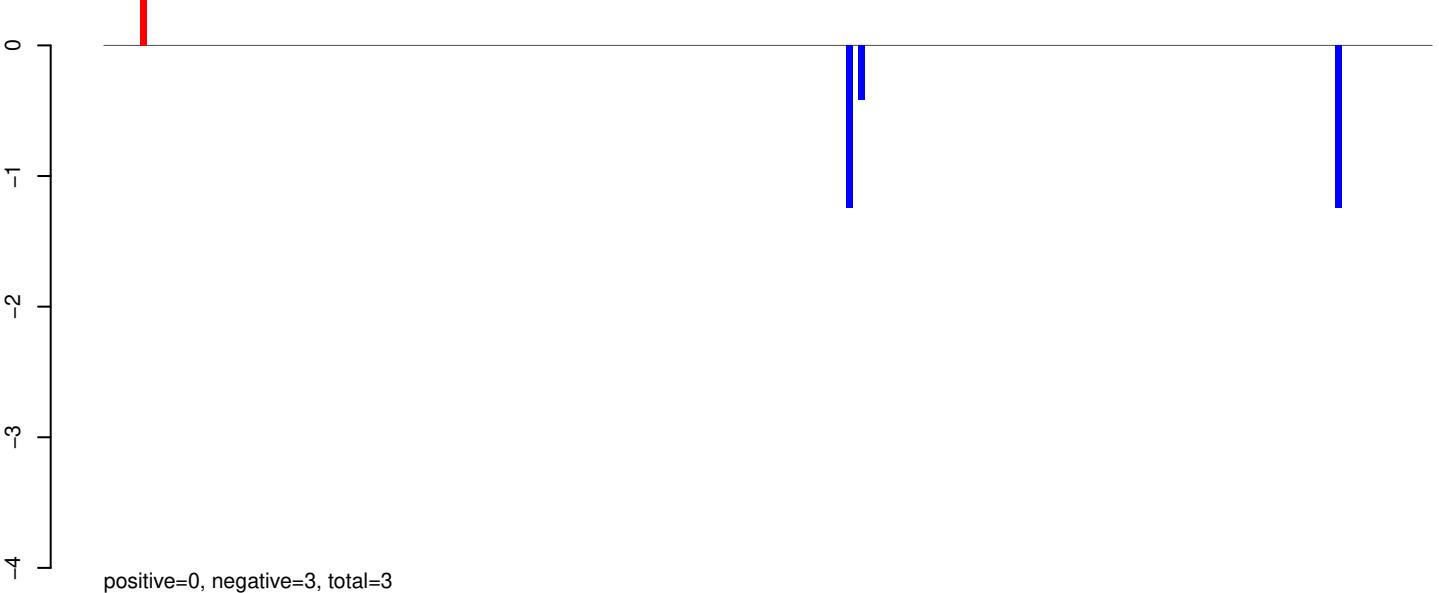
positive=0, negative=3, total=3

Window size=25, length=5472, TE@Gypsy-1\_AA-LTR-I:1-5472

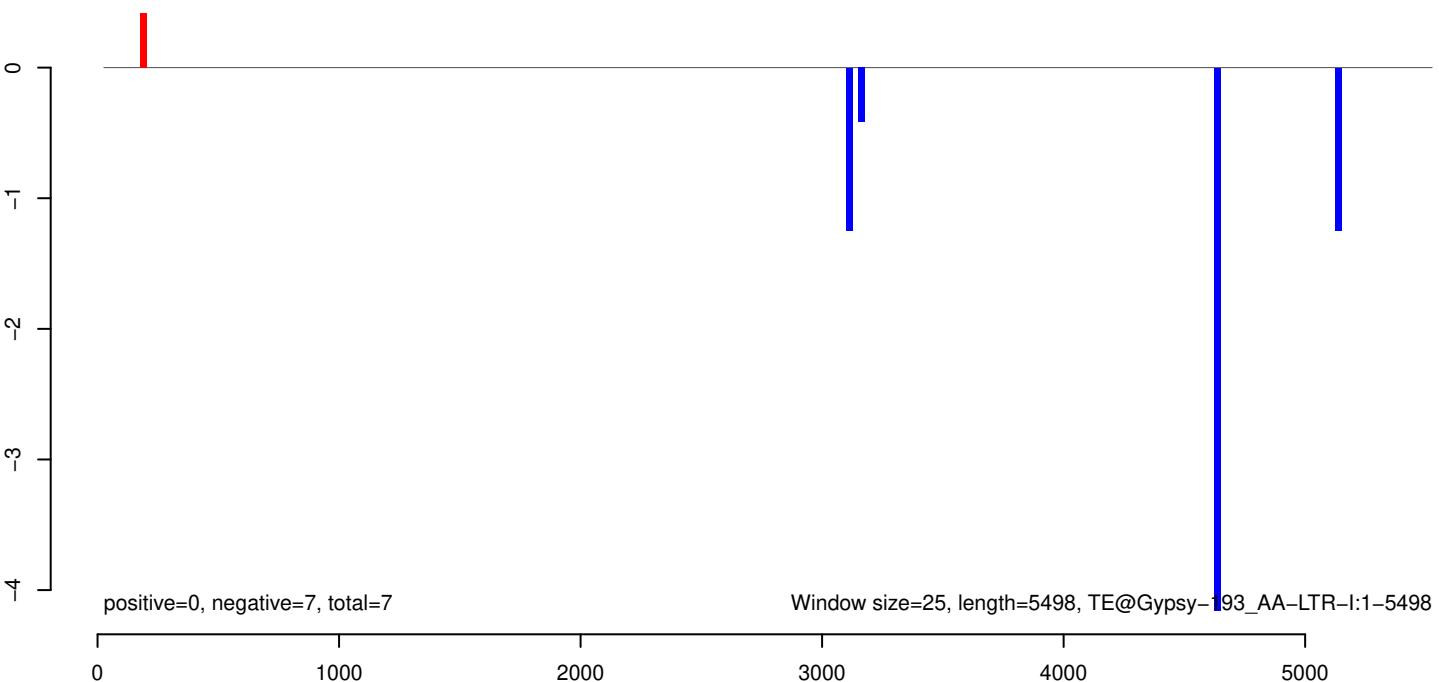
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



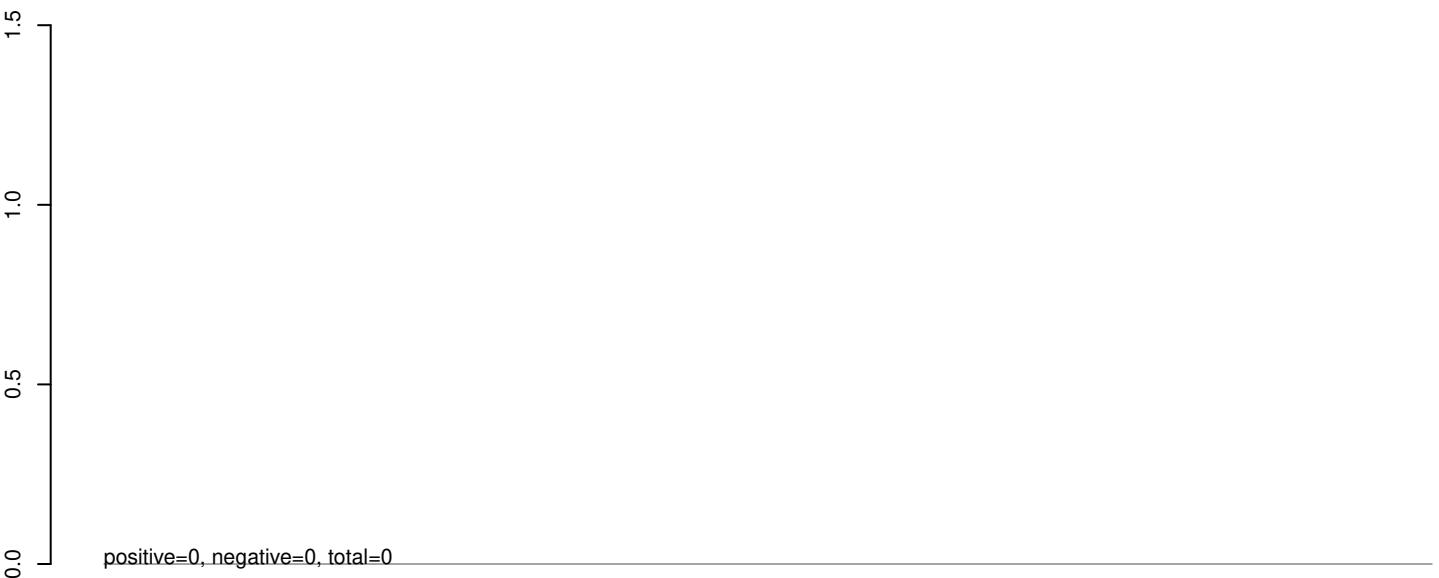
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



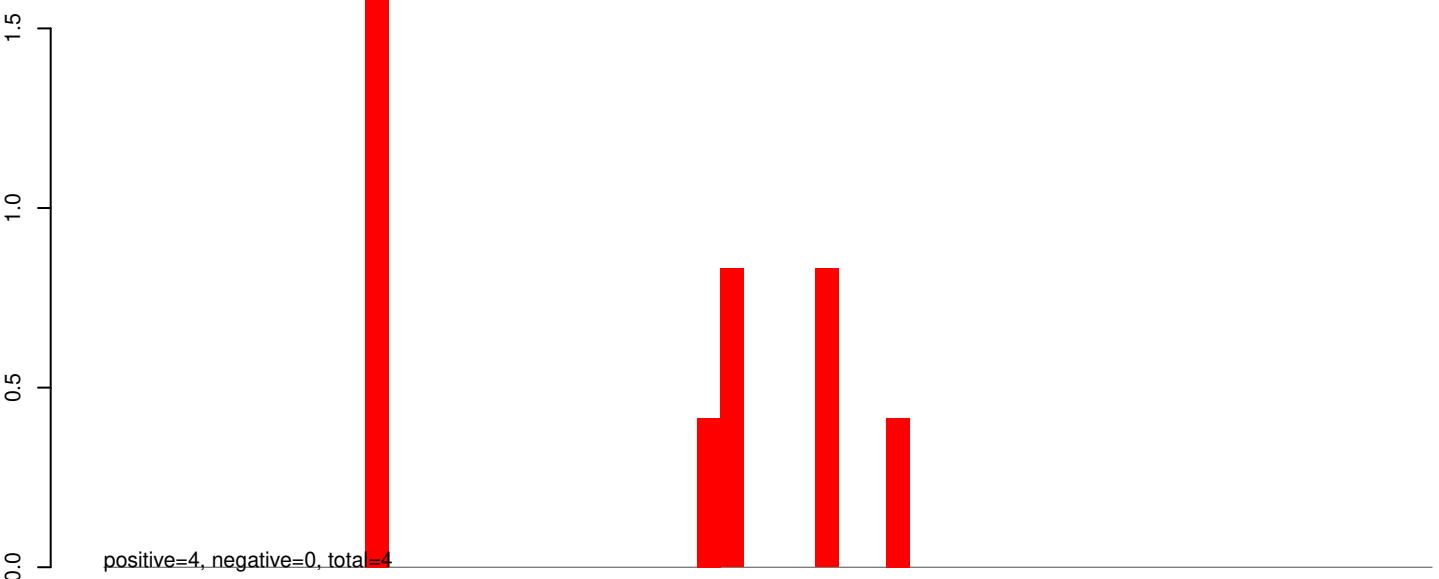
**AeAeg\_Whole\_sm\_r123\_JM.rep**



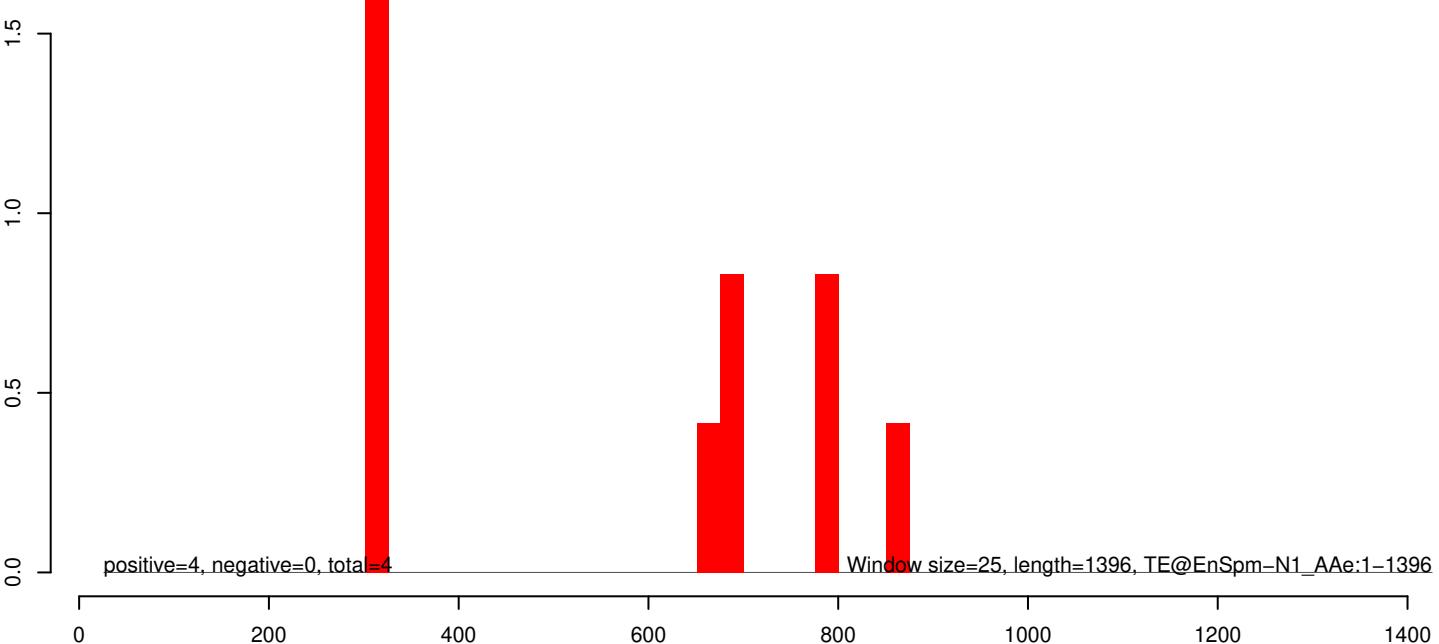
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



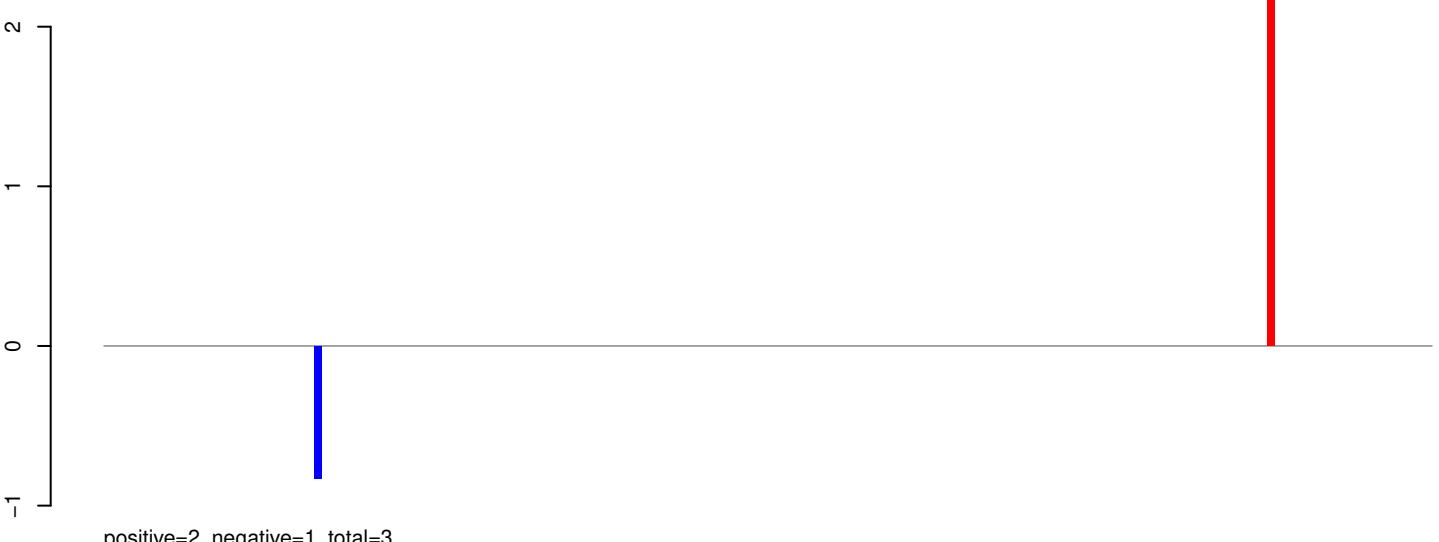
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



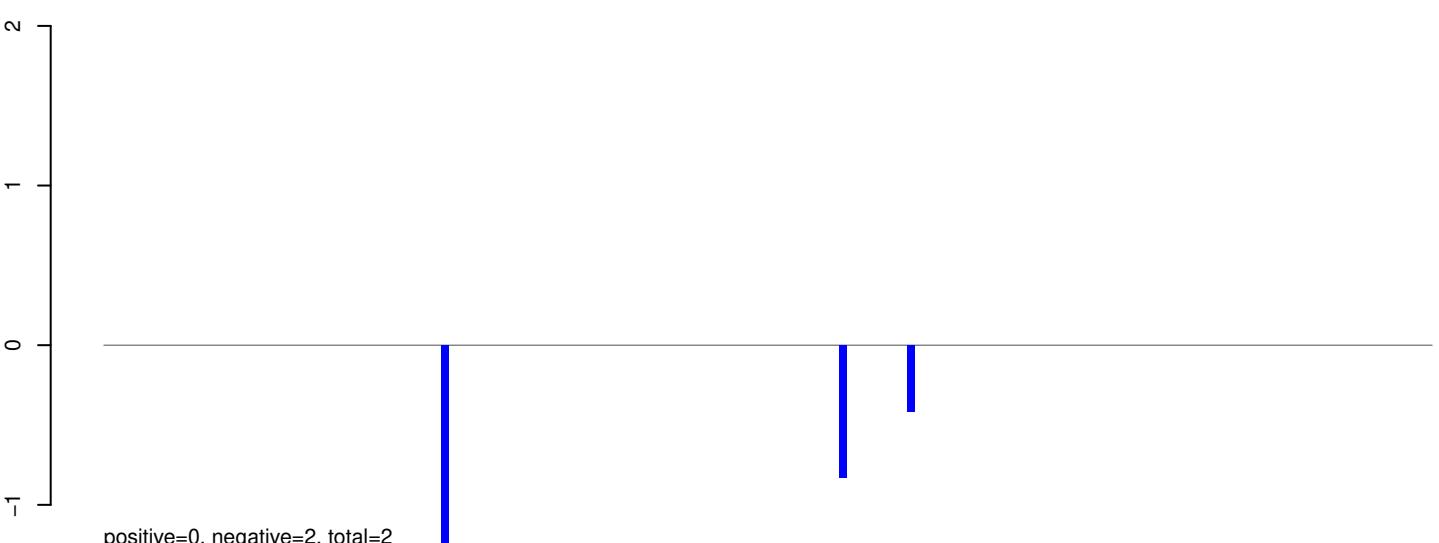
AeAeg\_Whole\_sm\_r123\_JM.rep



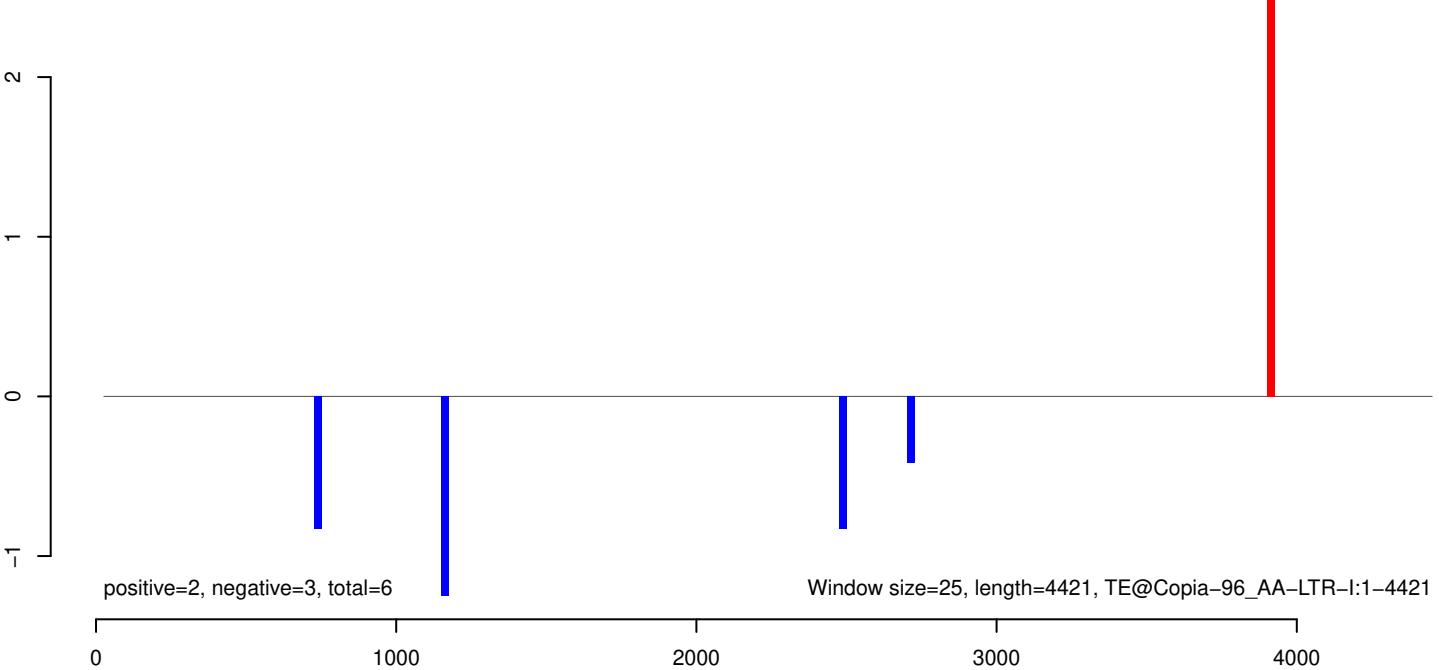
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

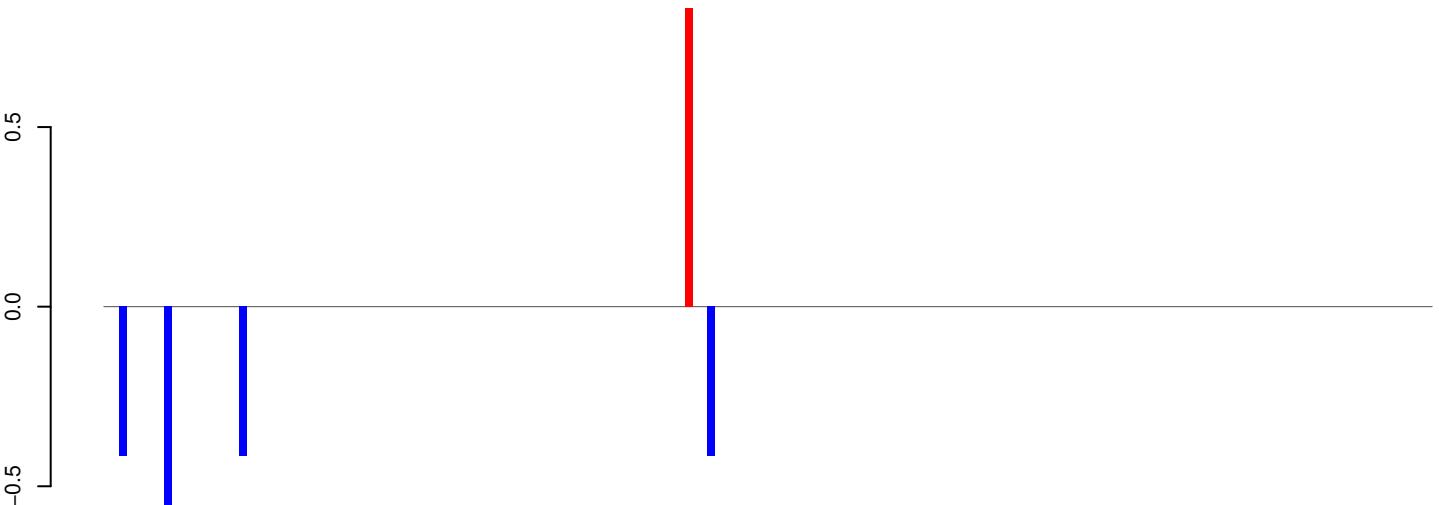


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



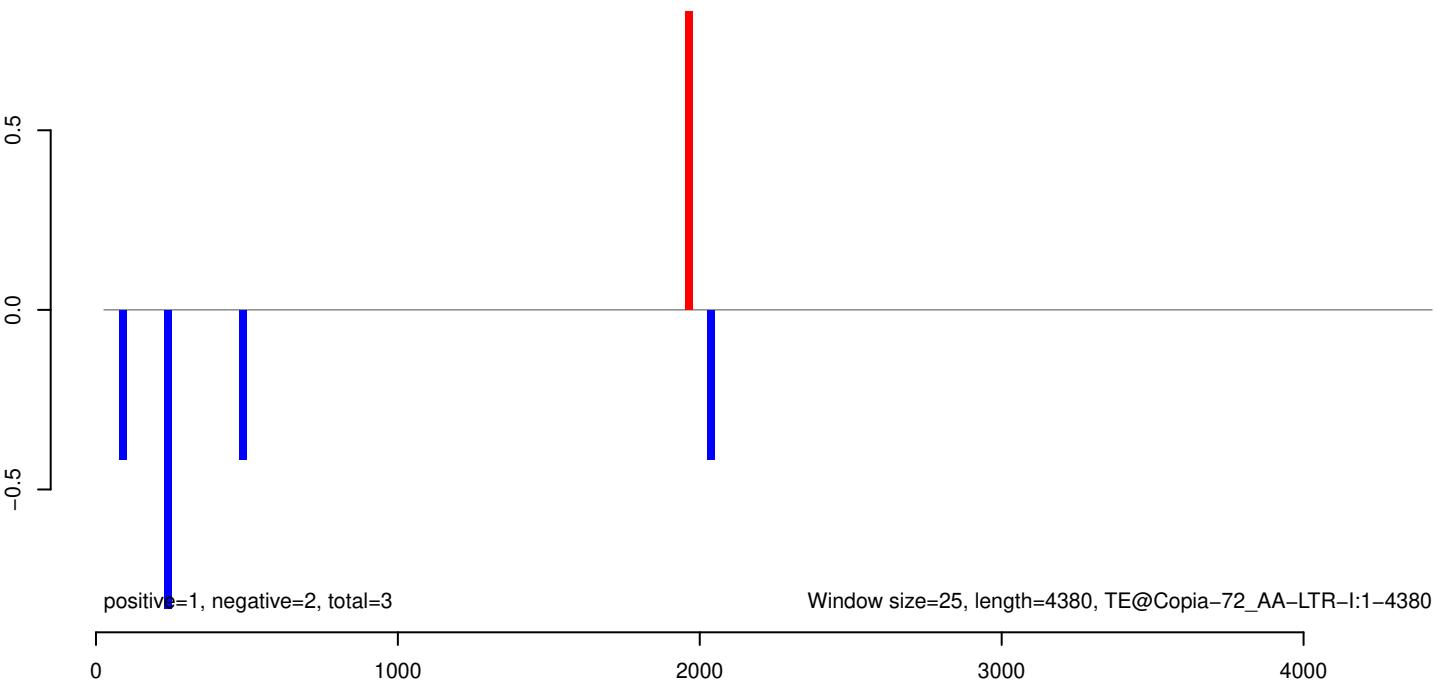
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=2, total=3

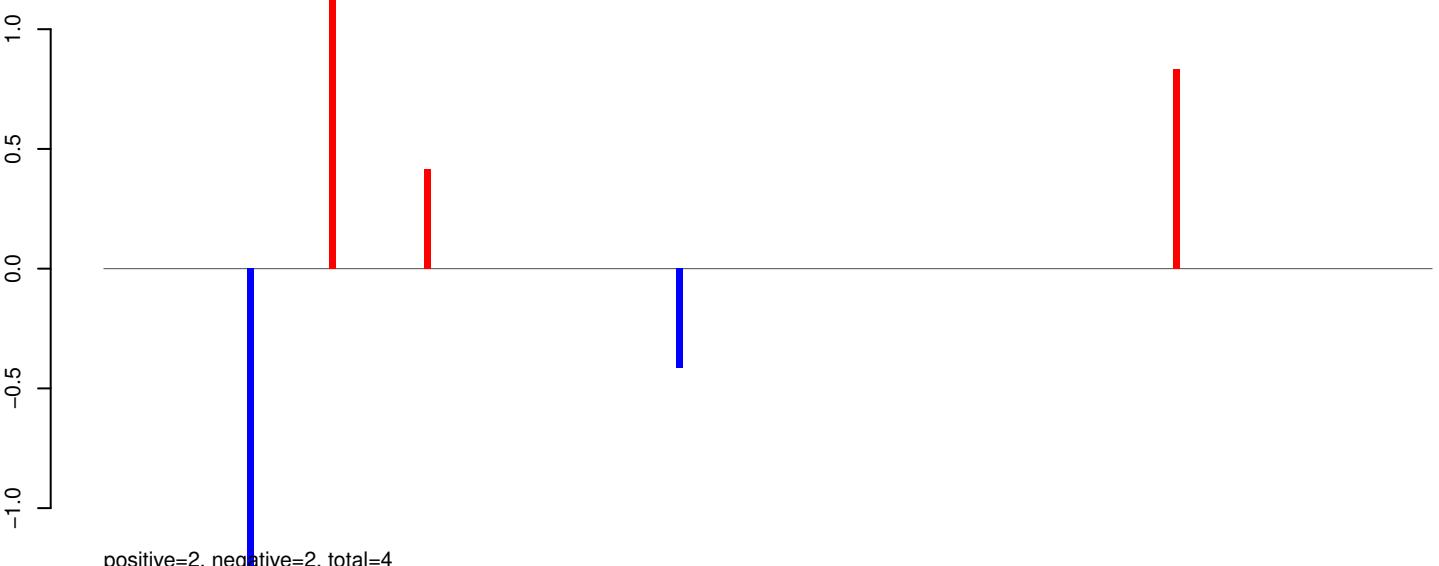
**AeAeg\_Whole\_sm\_r123\_JM.rep**



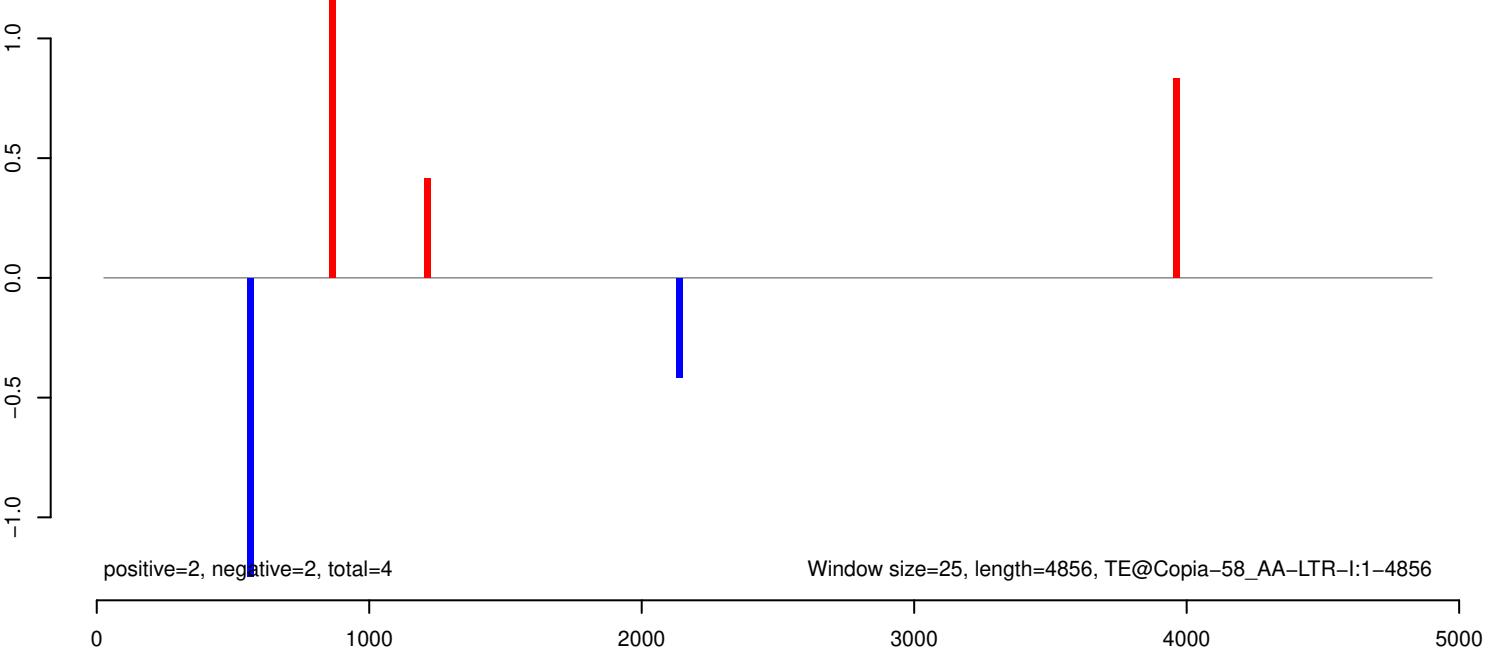
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=2, negative=1, total=3

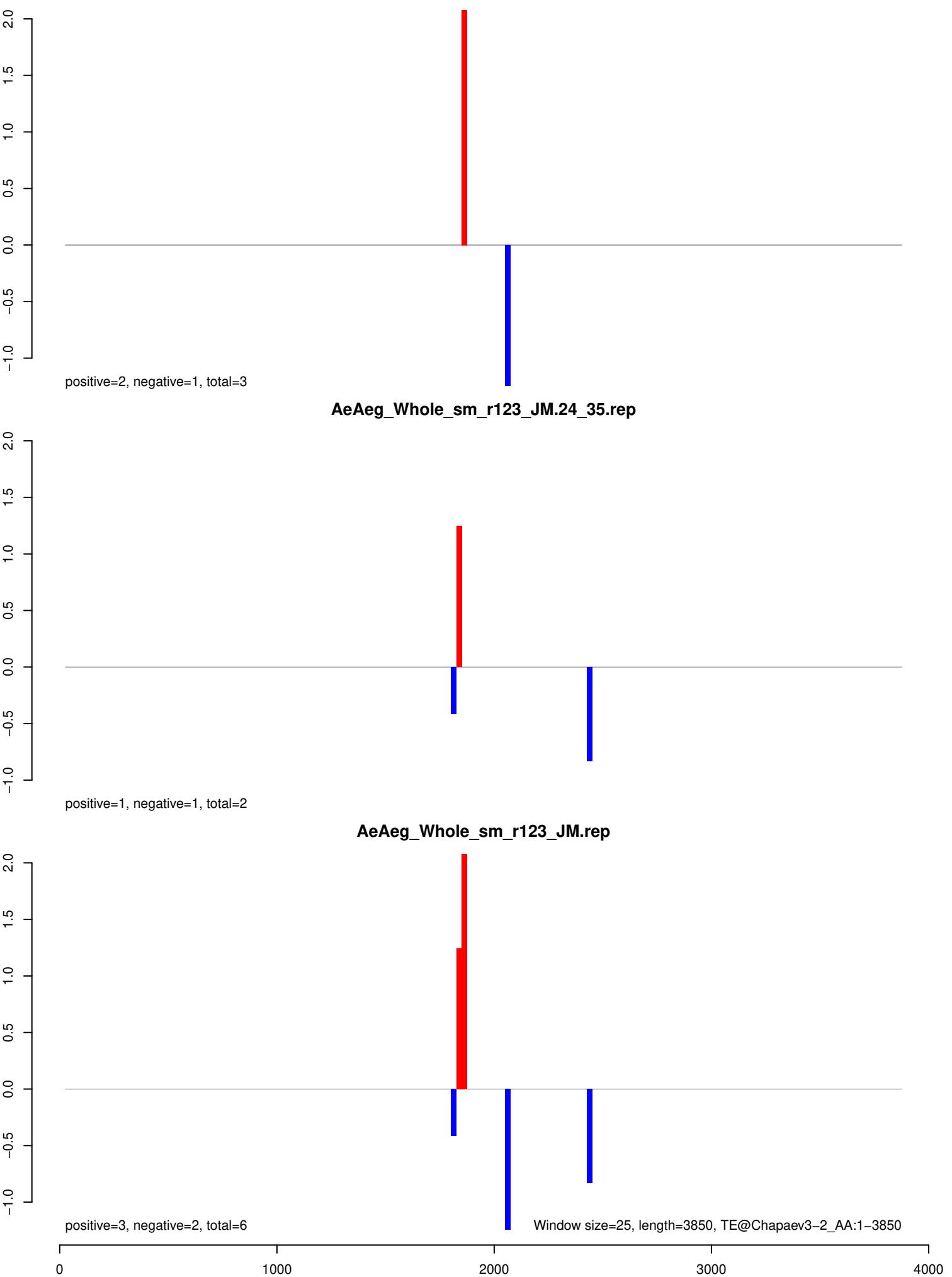
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=1, total=2

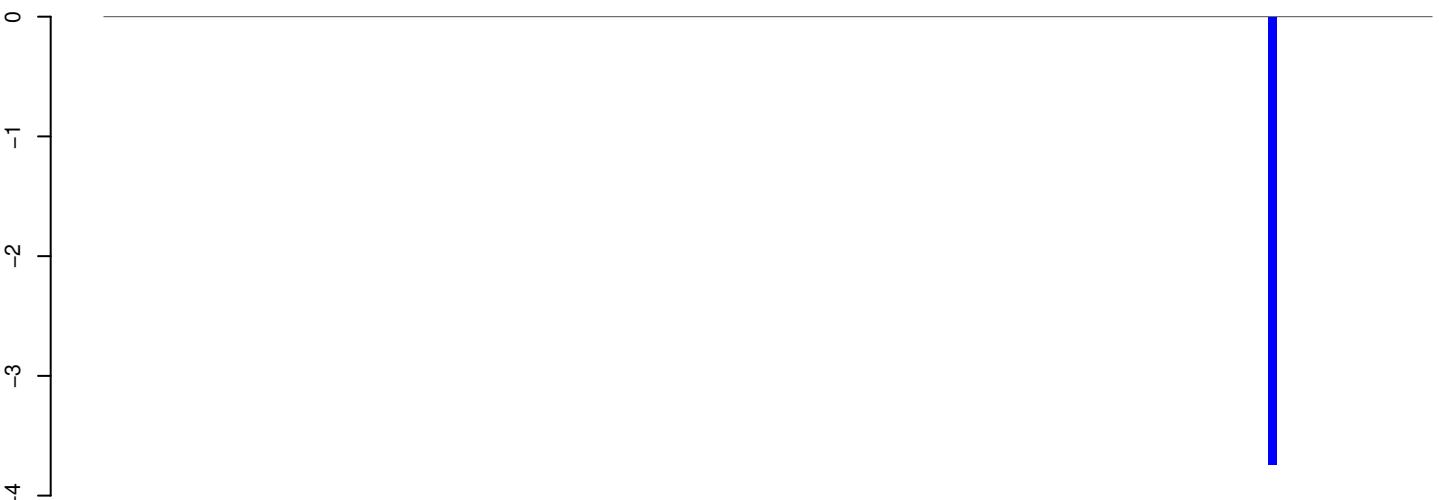
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=3, negative=2, total=6

Window size=25, length=3850, TE@Chapaev3-2\_AA:1-3850

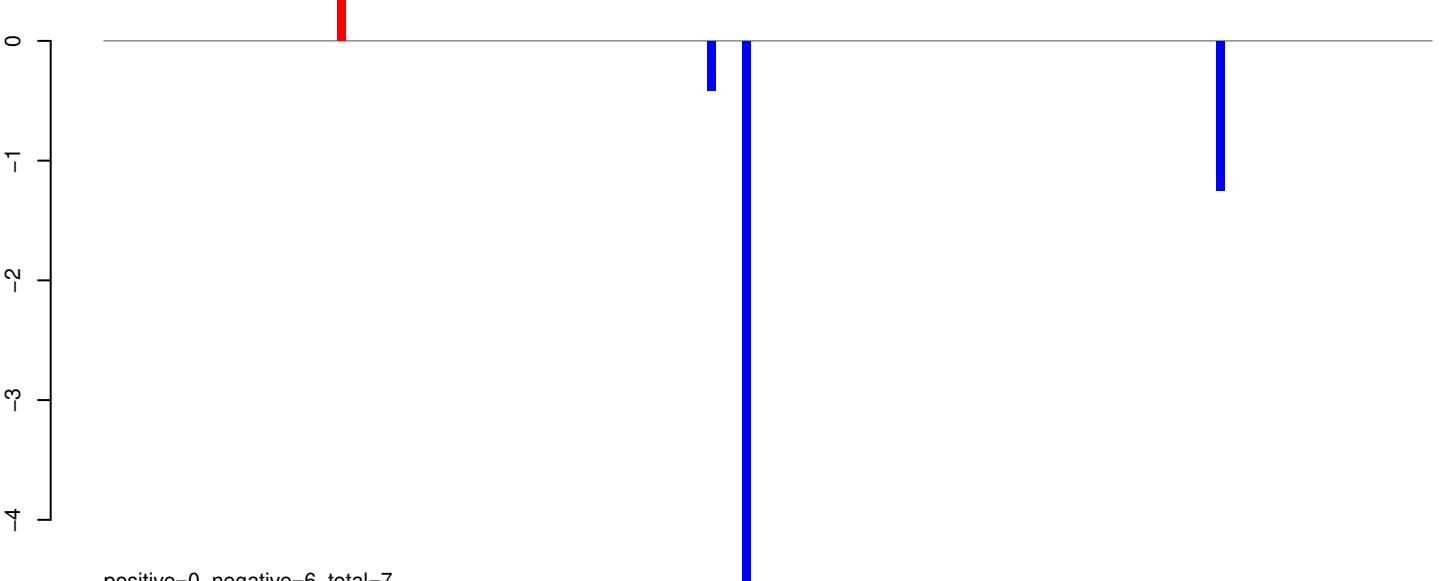


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



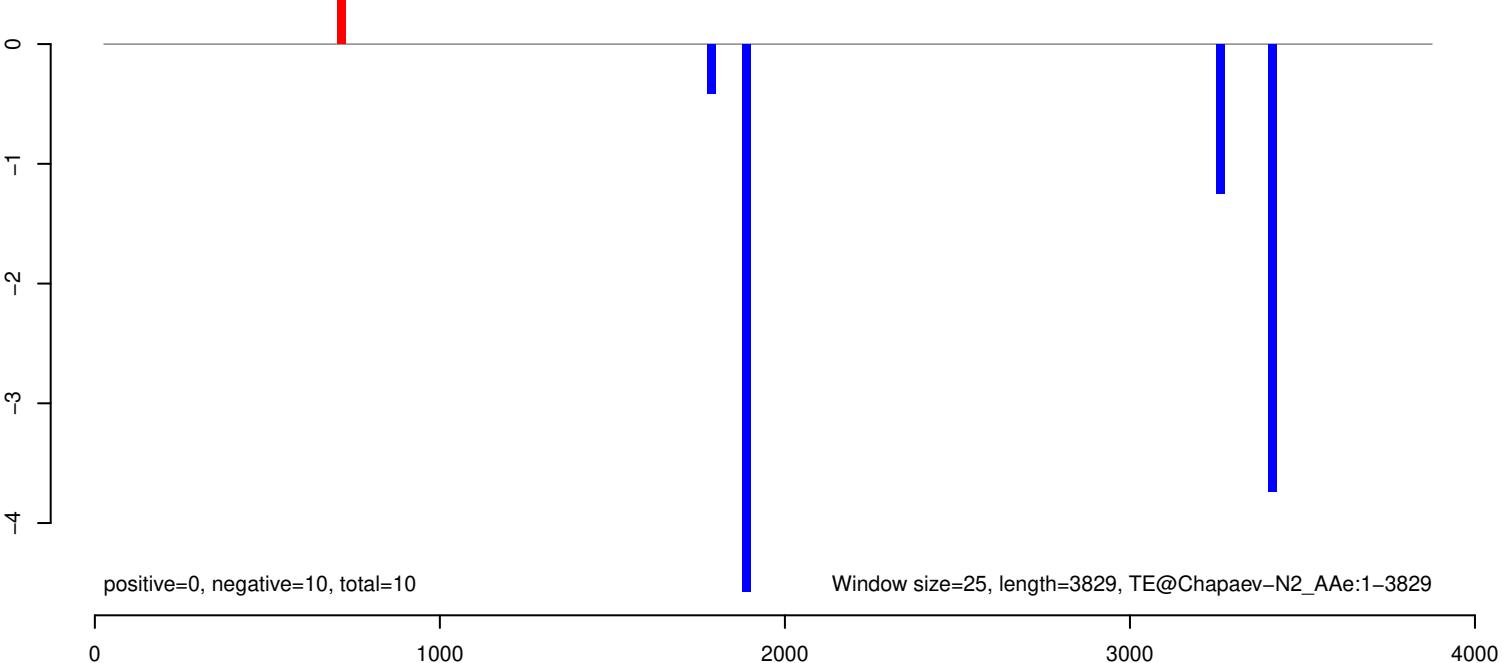
positive=0, negative=4, total=4

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=6, total=7

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=0, negative=10, total=10

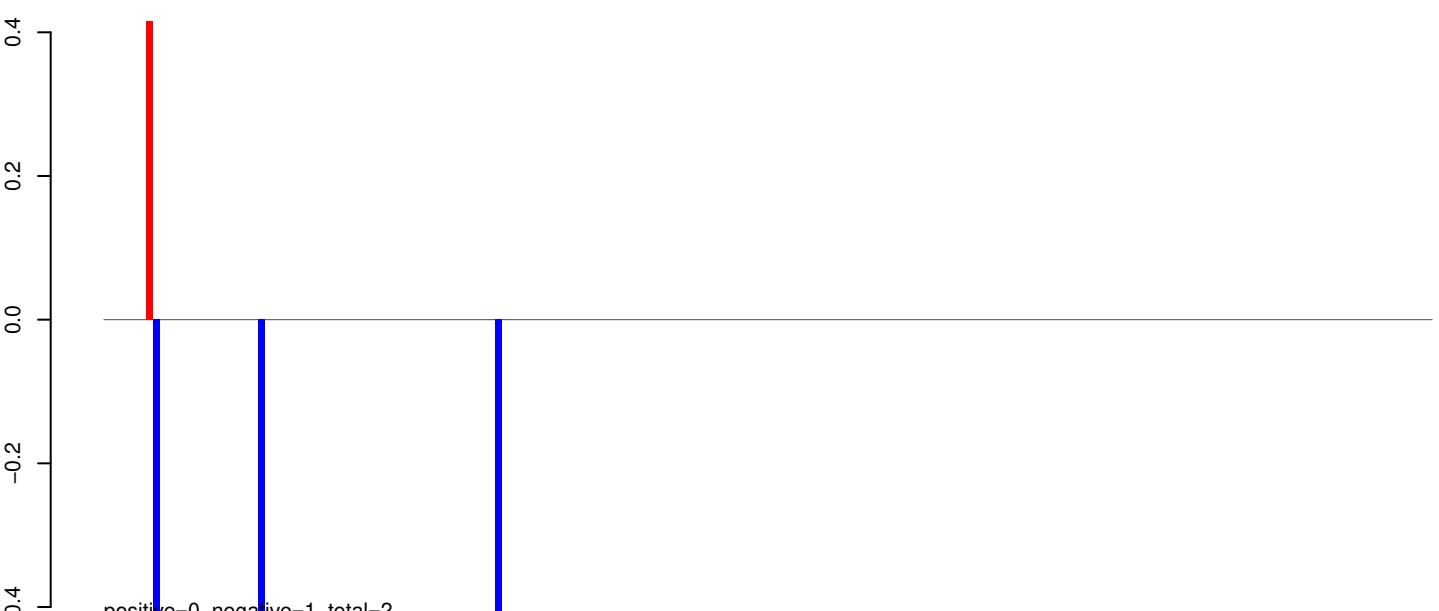
Window size=25, length=3829, TE@Chapaev-N2\_AAe:1-3829

0 1000 2000 3000 4000

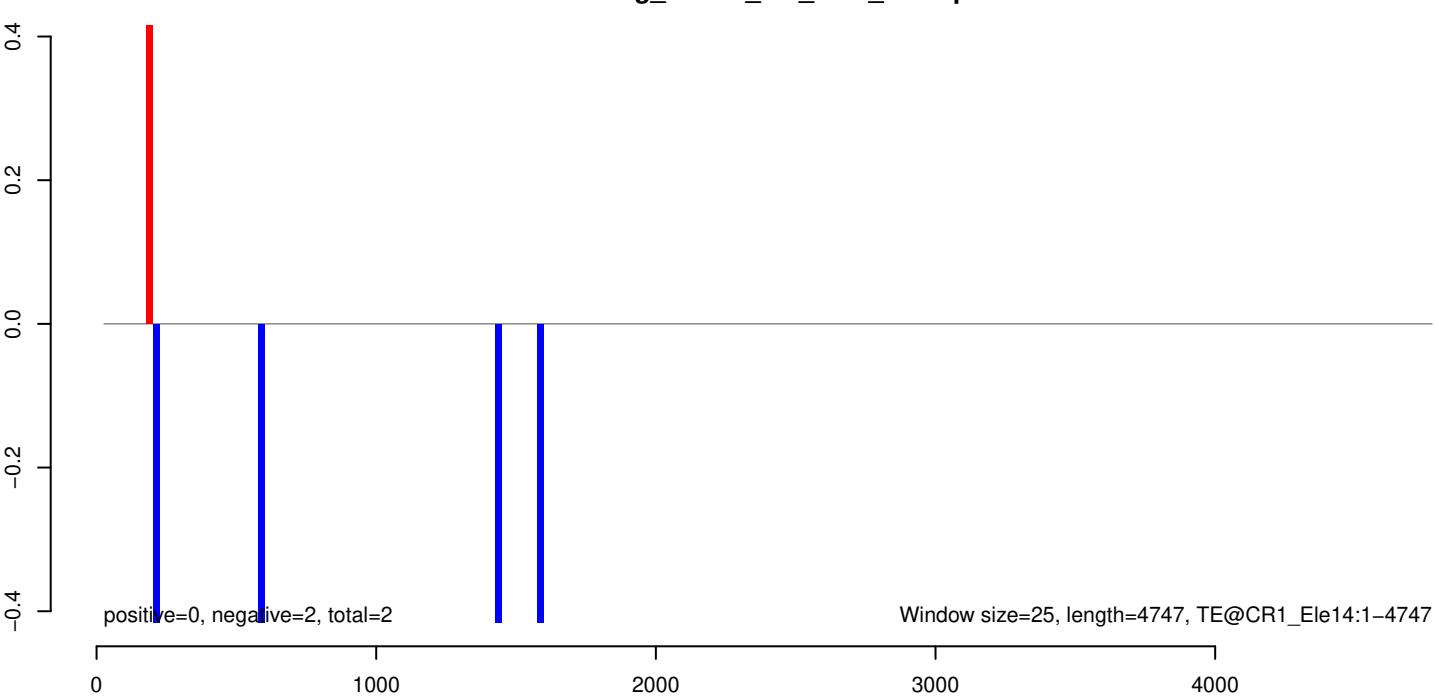
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



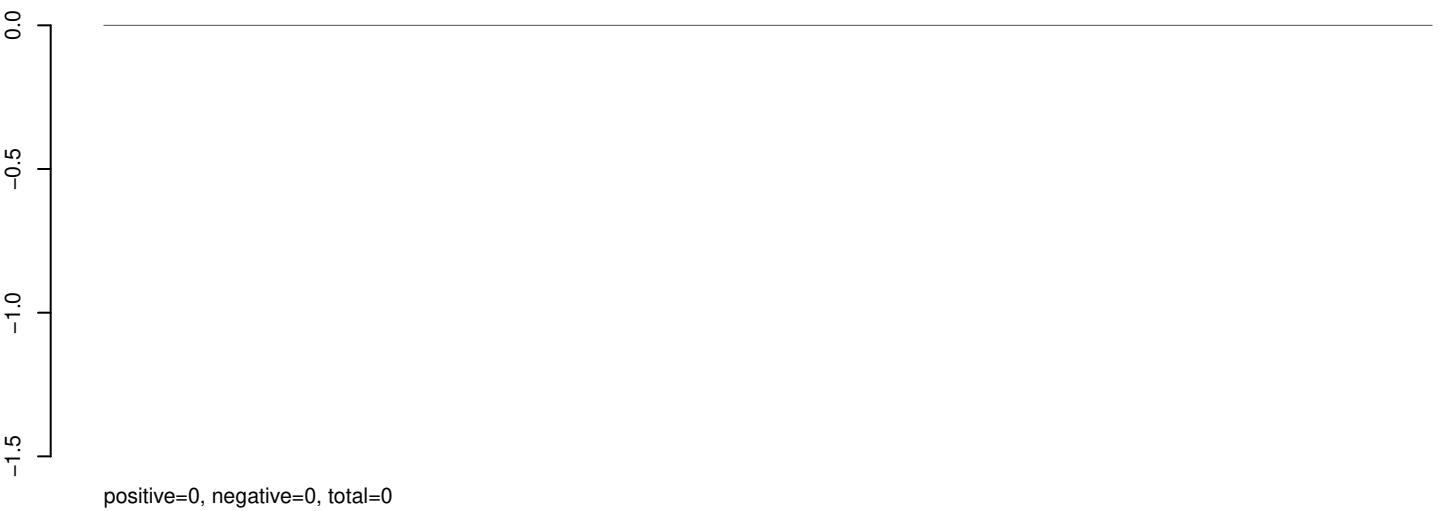
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



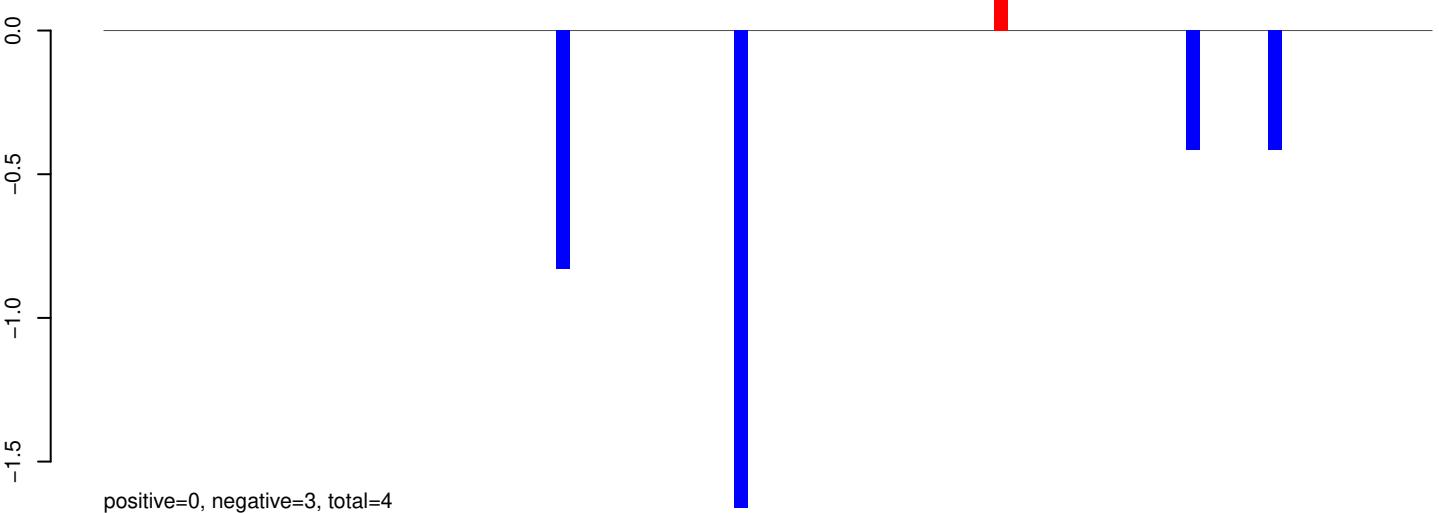
### AeAeg\_Whole\_sm\_r123\_JM.rep



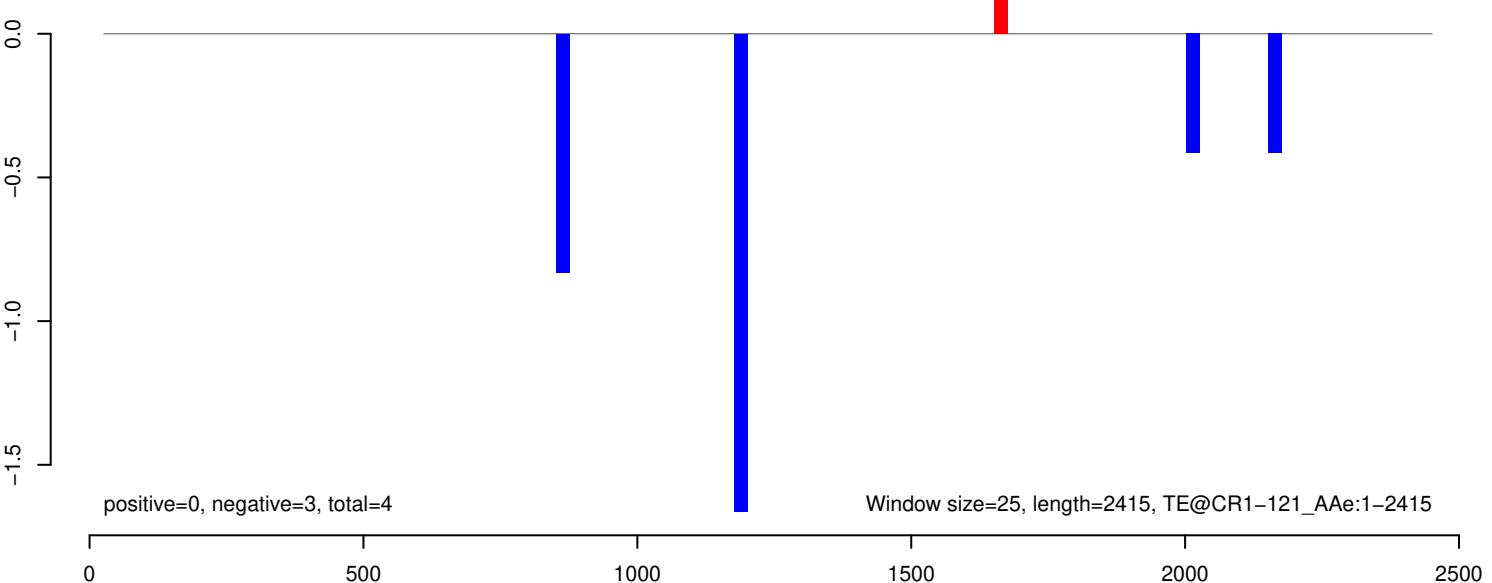
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



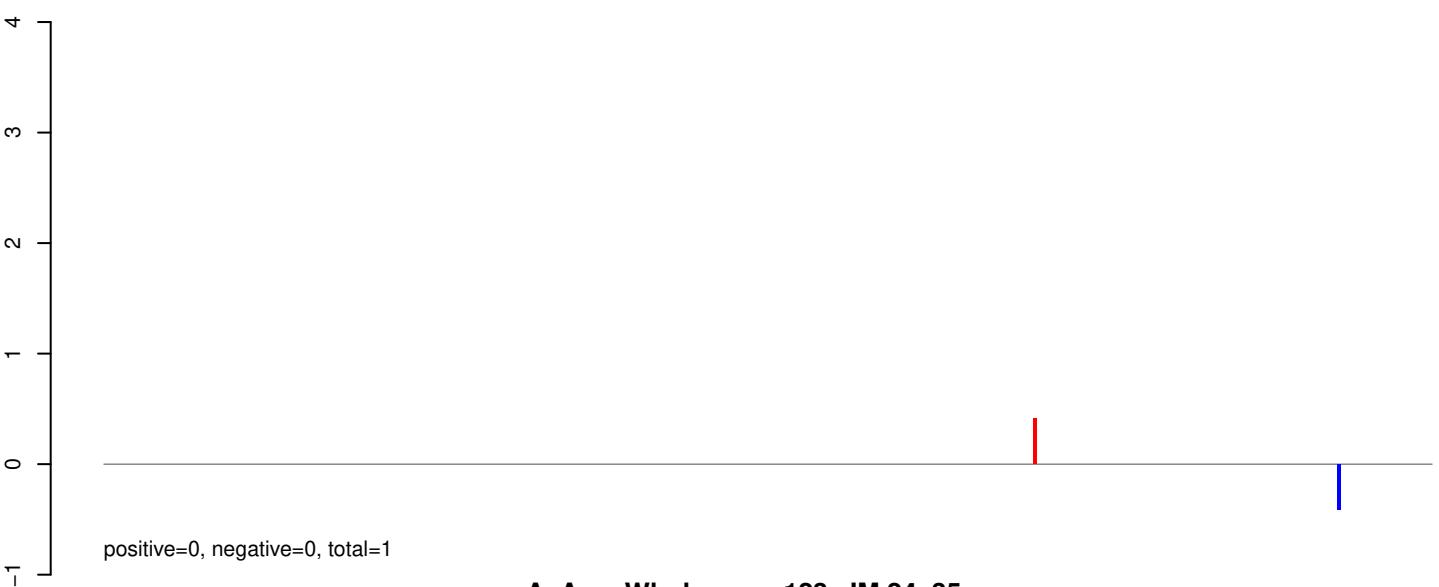
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



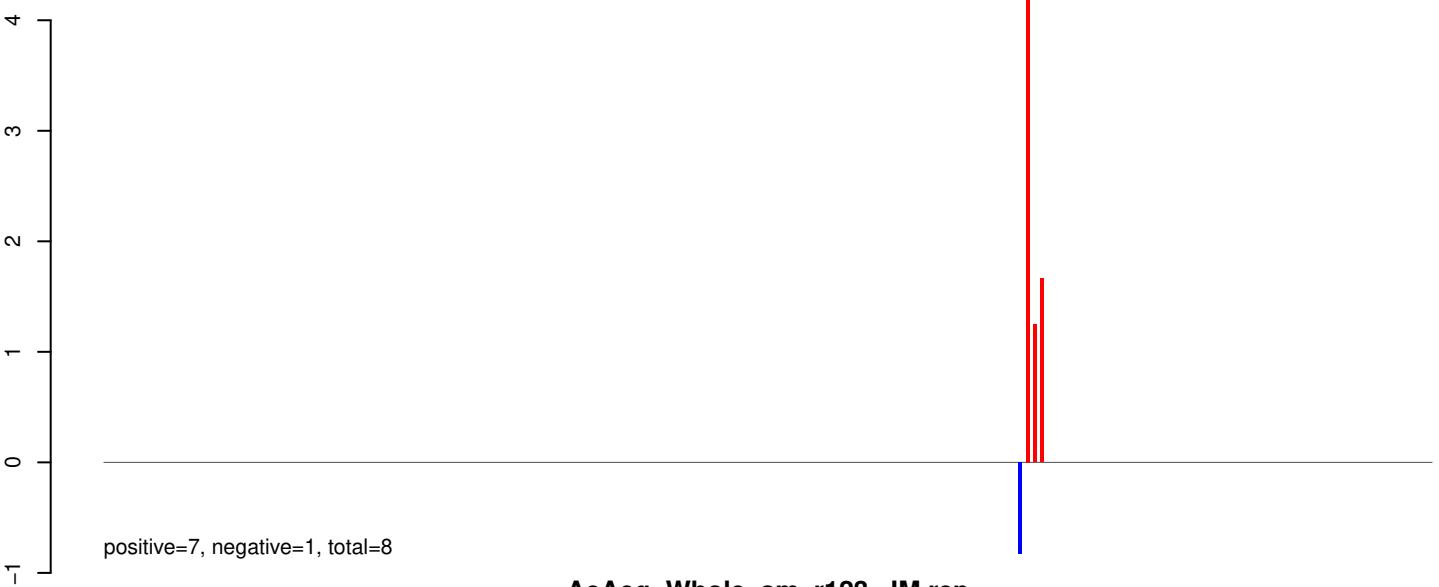
**AeAeg\_Whole\_sm\_r123\_JM.rep**



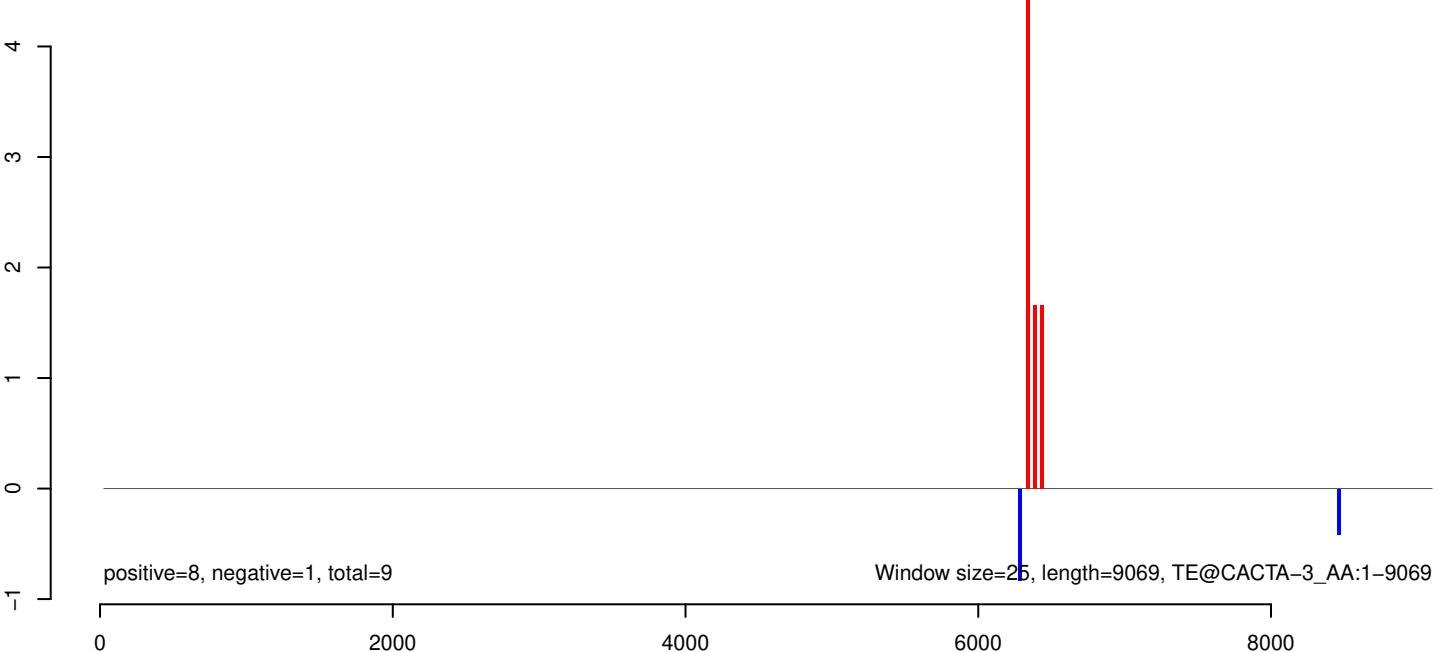
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



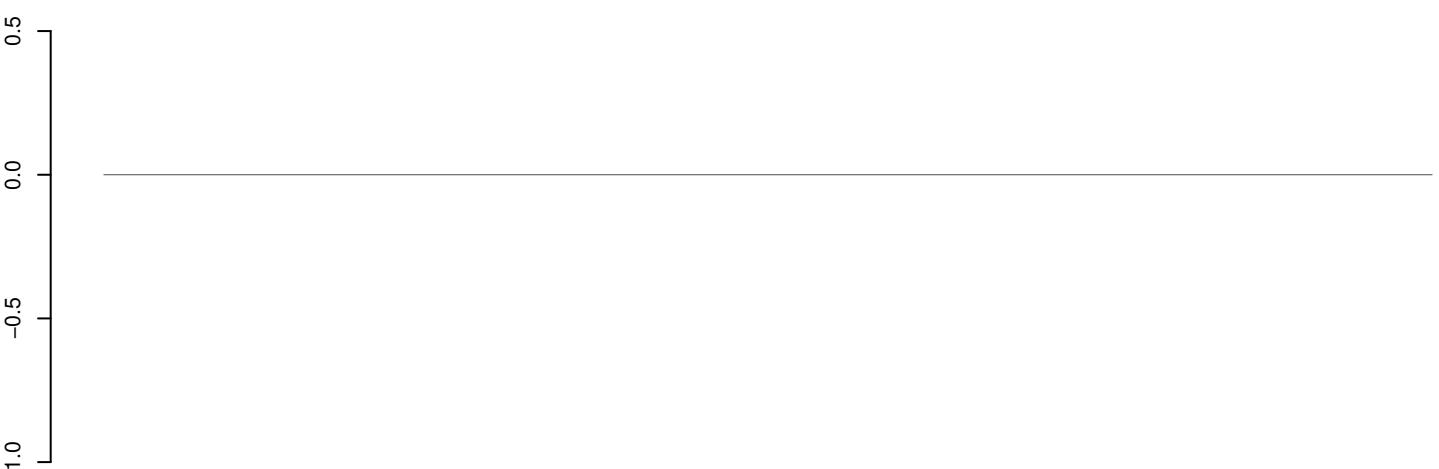
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

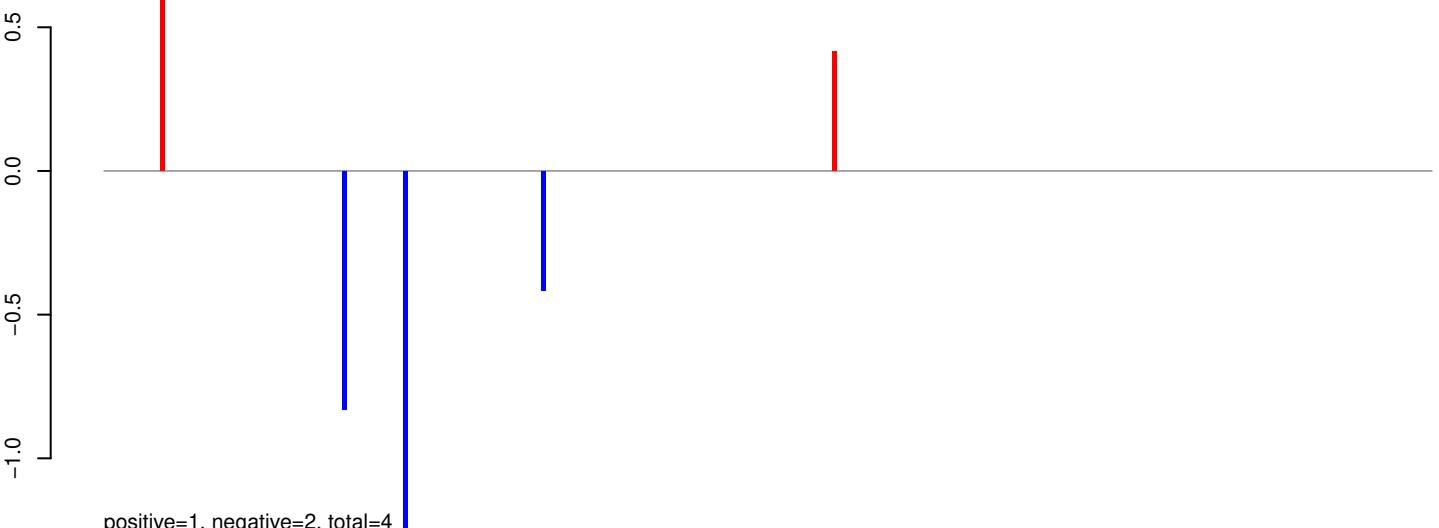


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



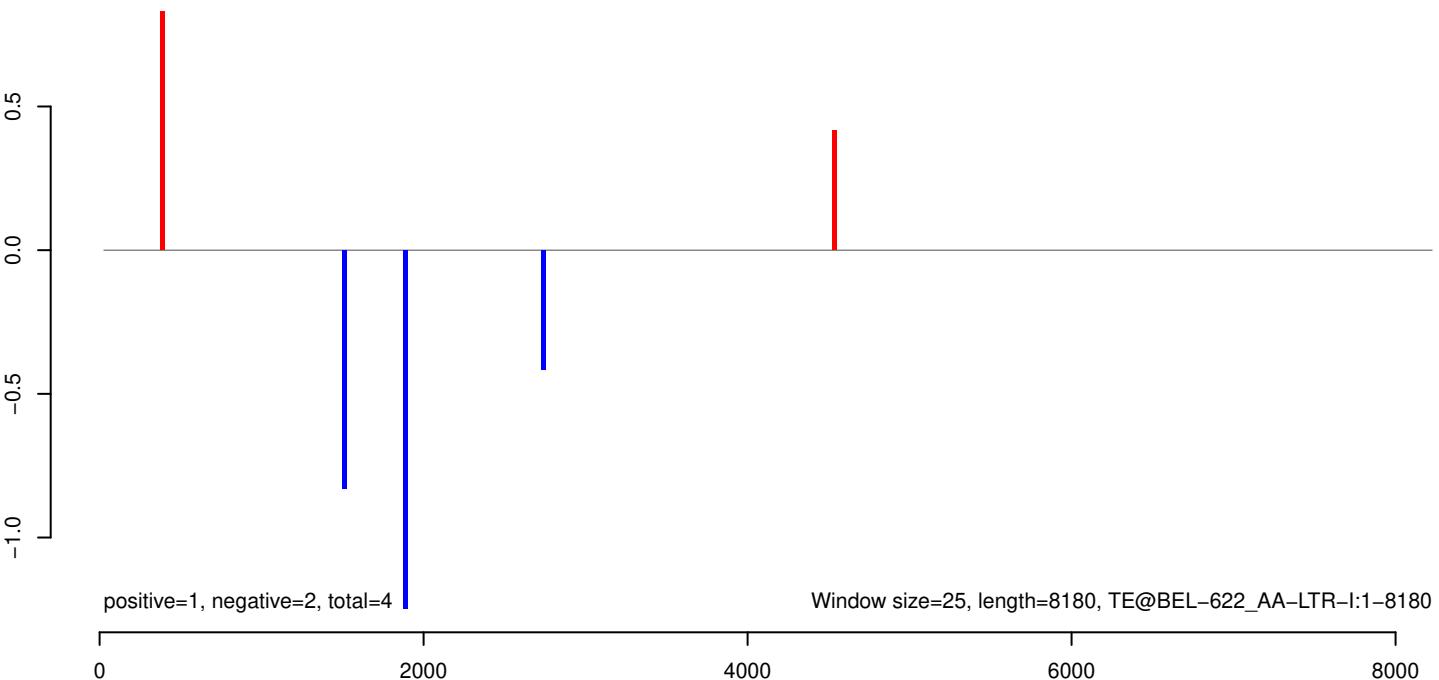
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=2, total=4

**AeAeg\_Whole\_sm\_r123\_JM.rep**



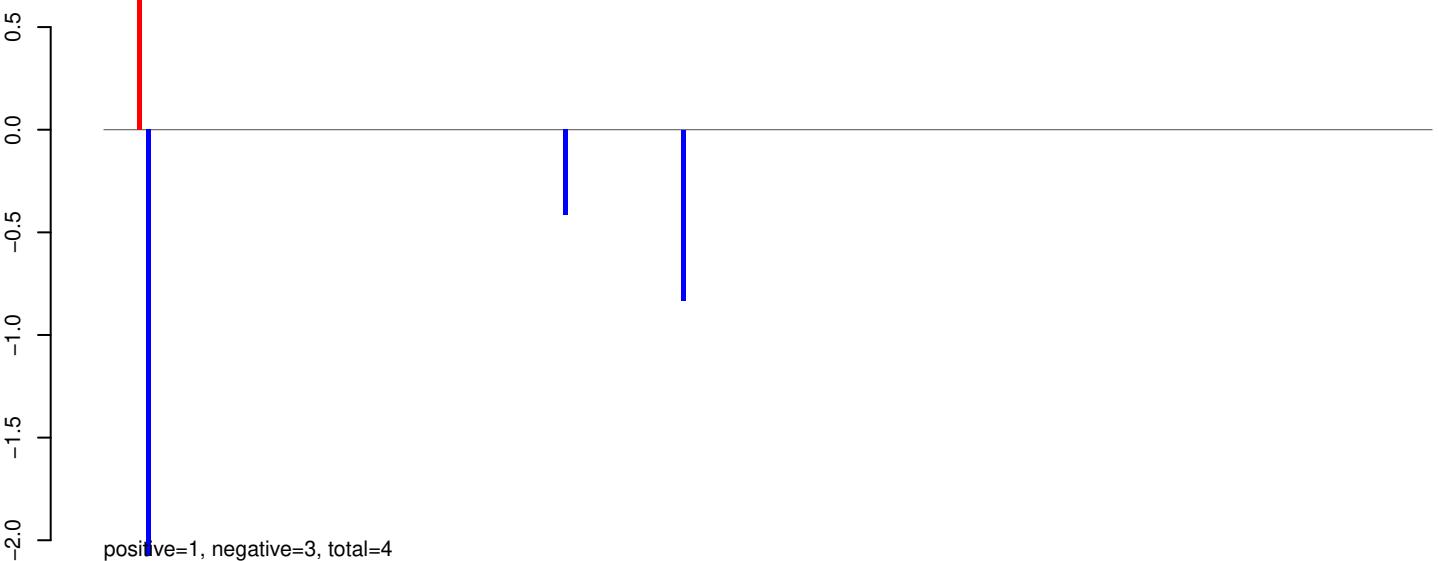
positive=1, negative=2, total=4

Window size=25, length=8180, TE@BEL-622\_AA-LTR-I:1-8180

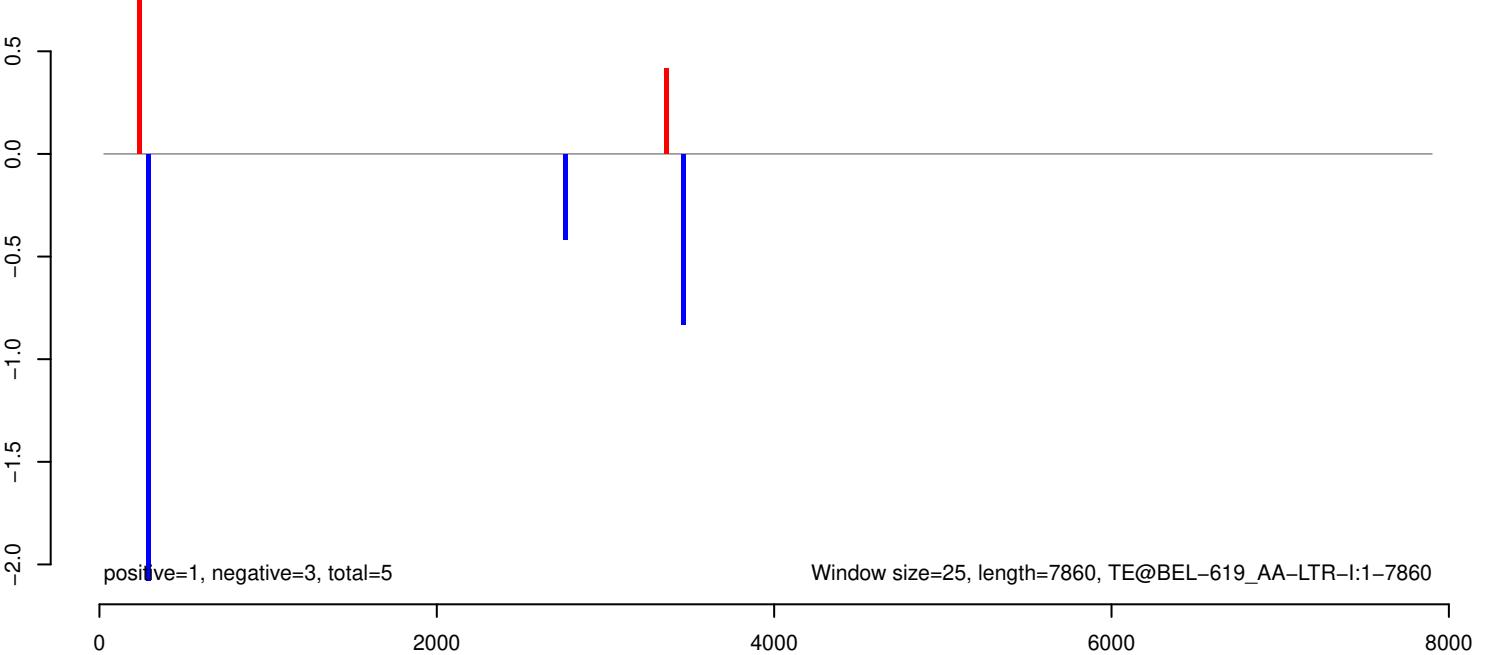
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



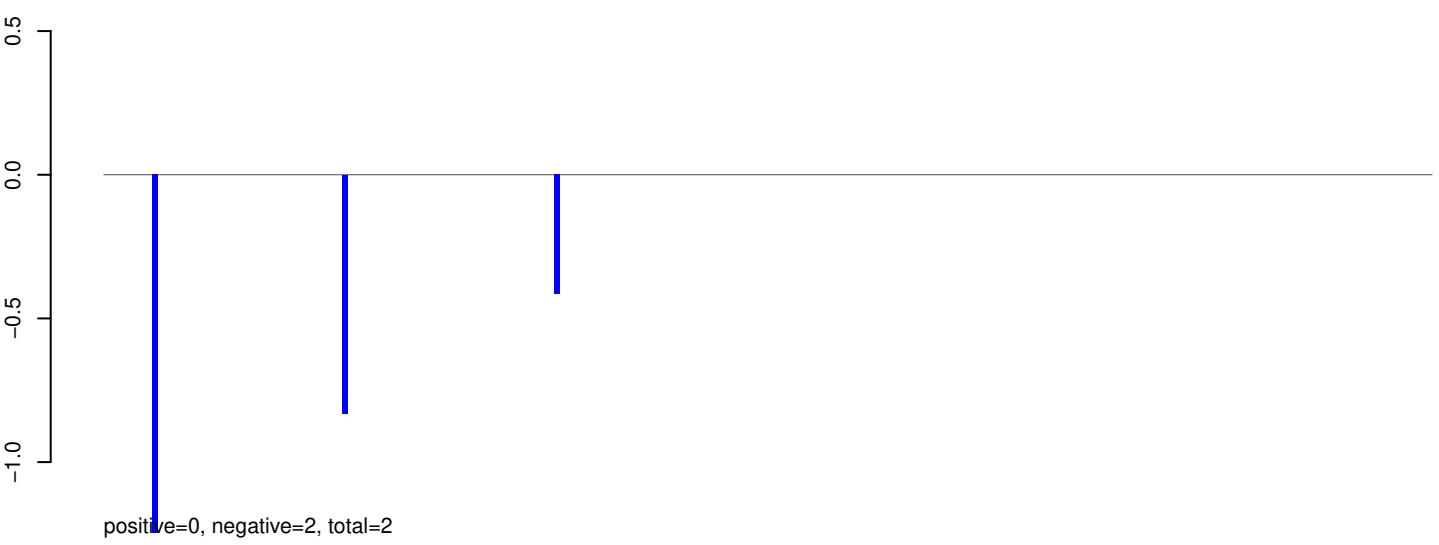
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



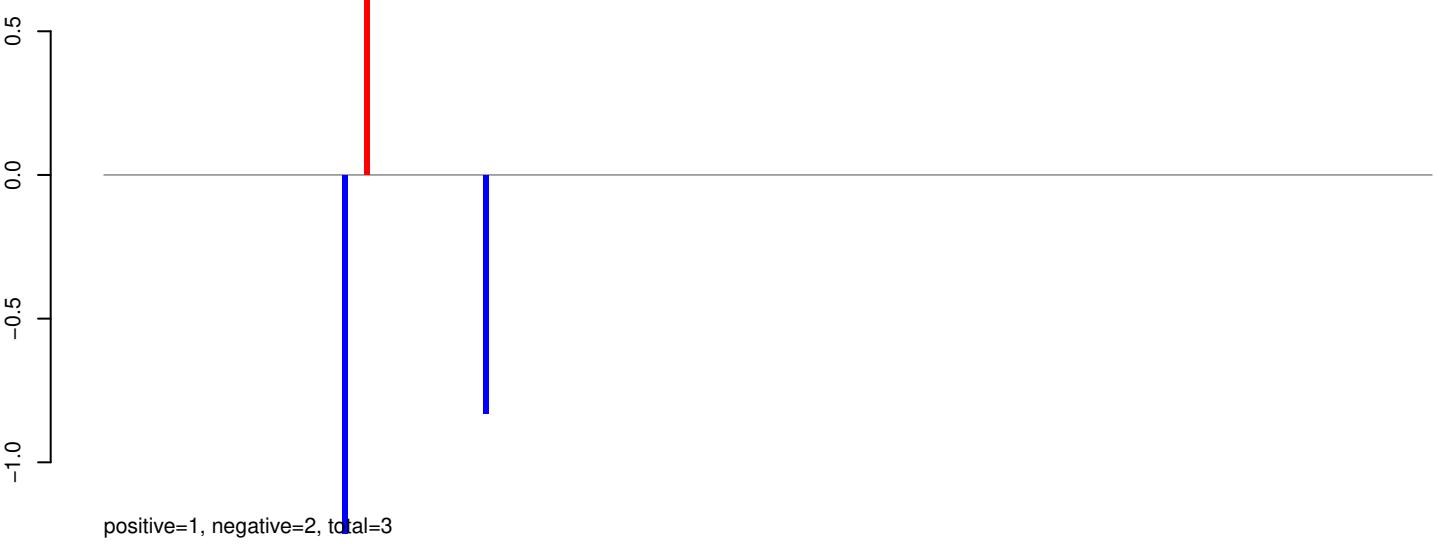
**AeAeg\_Whole\_sm\_r123\_JM.rep**



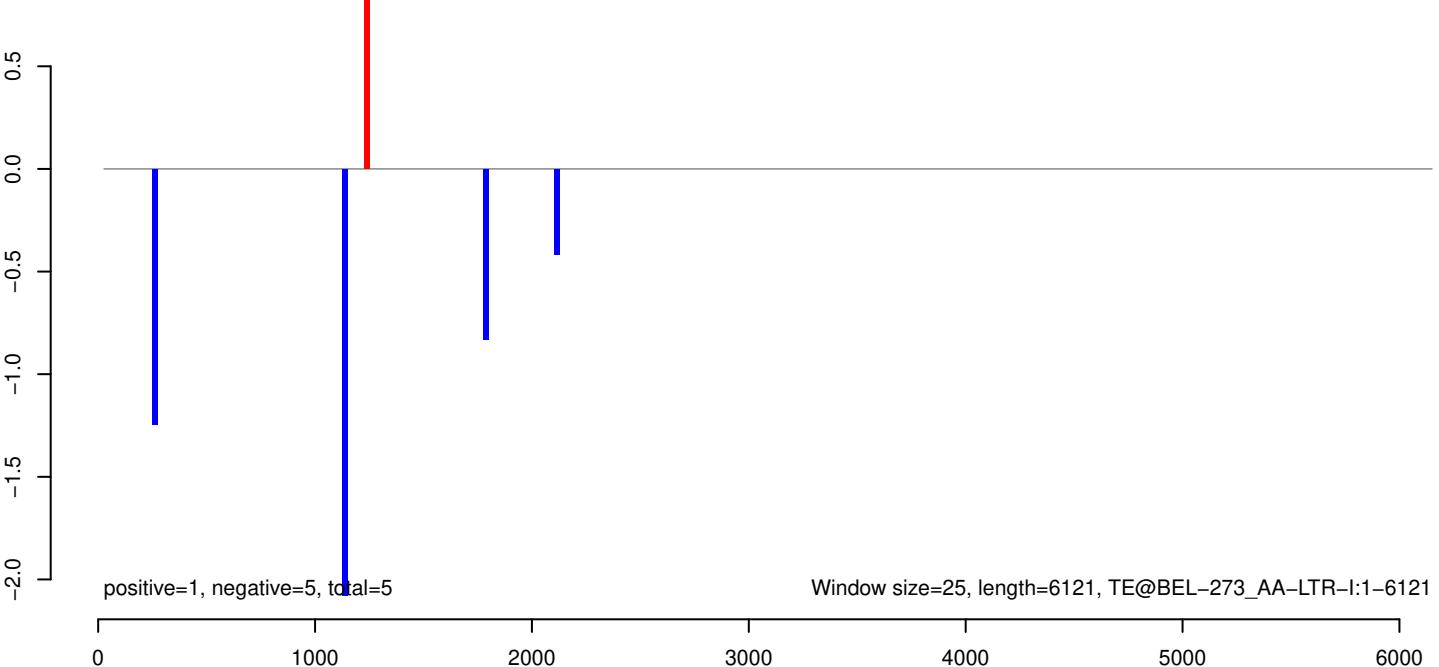
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

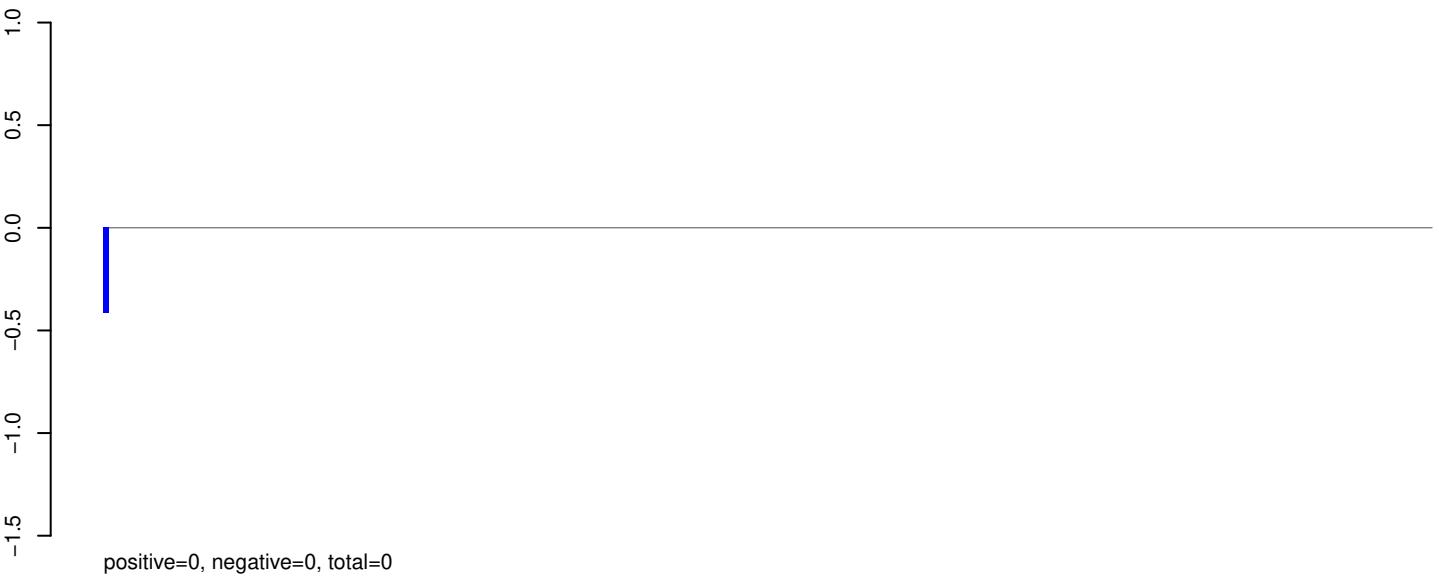
positive=0, negative=3, total=3

### AeAeg\_Whole\_sm\_r123\_JM.rep

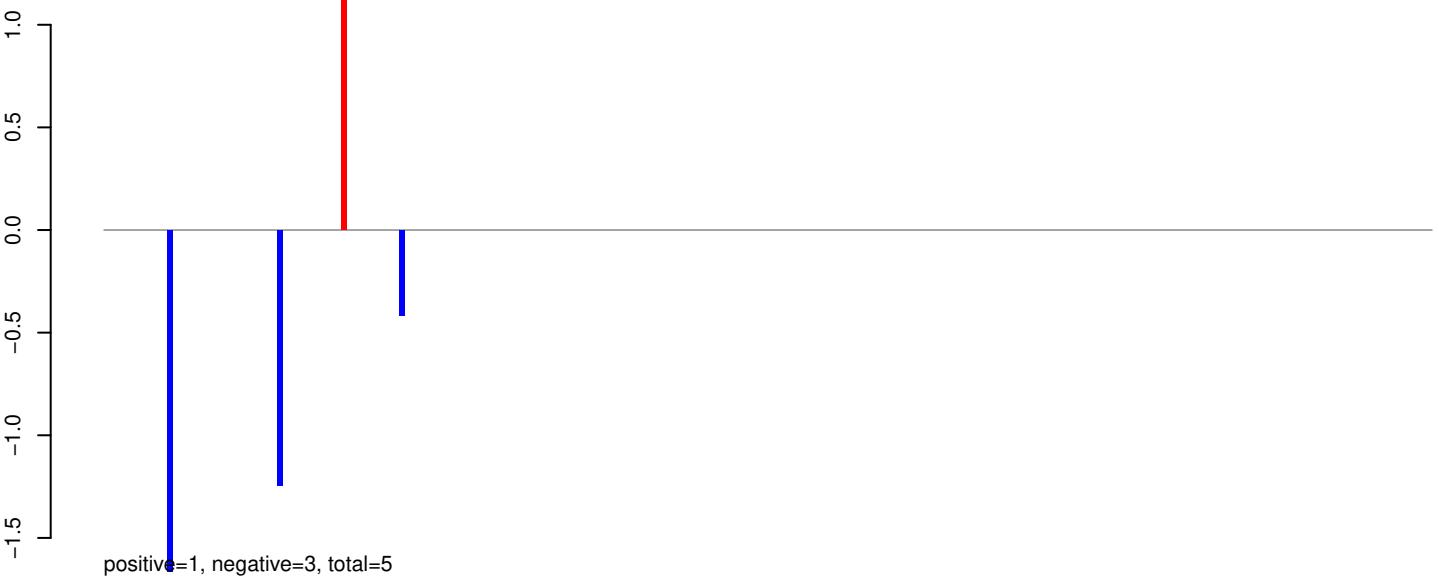
positive=0, negative=4, total=4

Window size=25, length=6325, TE@BEL-13\_AA-LTR-I:1-6325

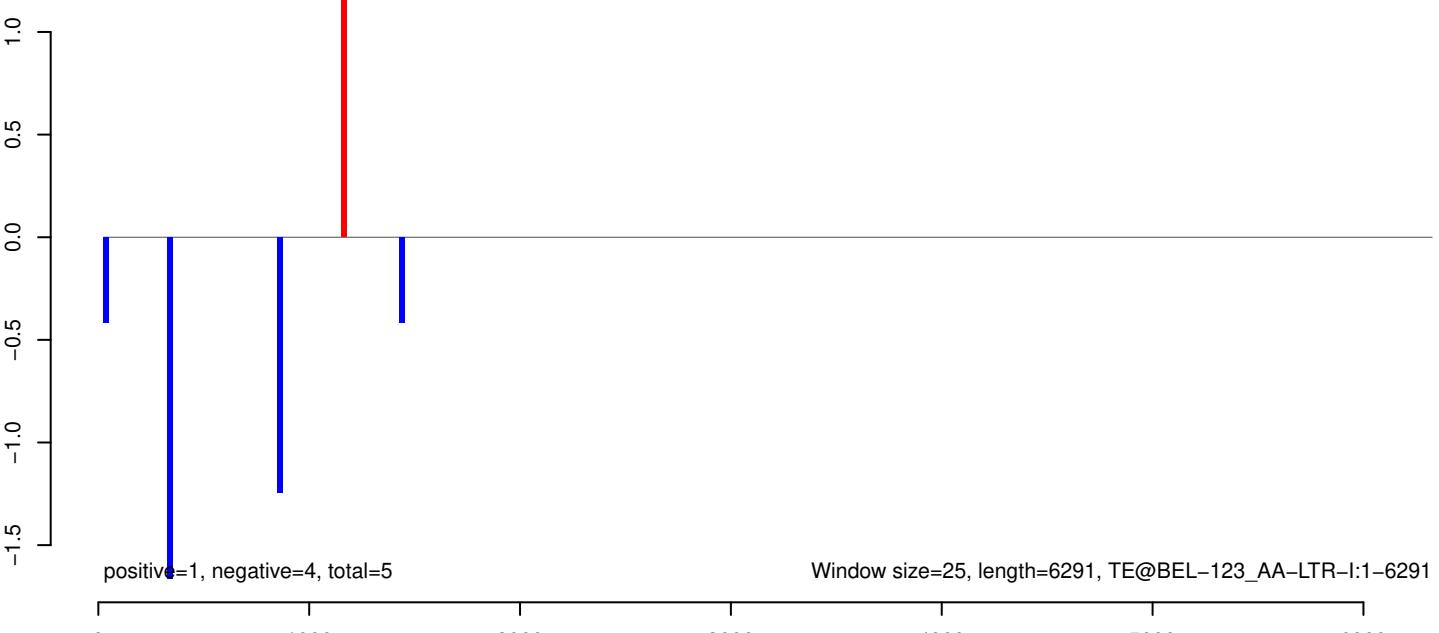
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



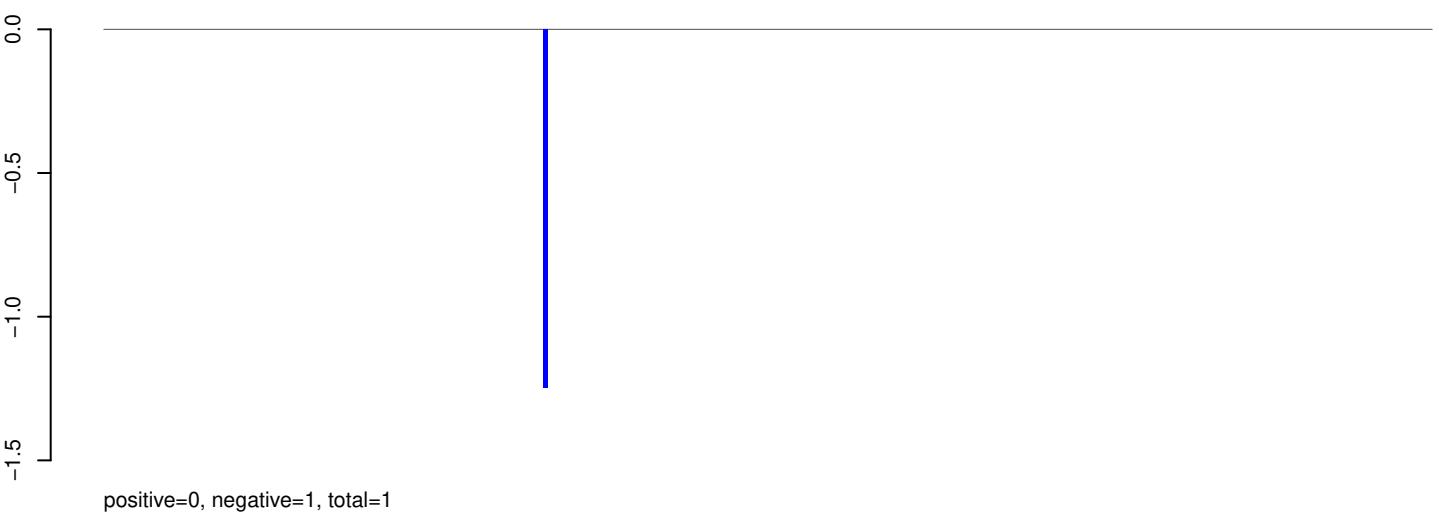
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



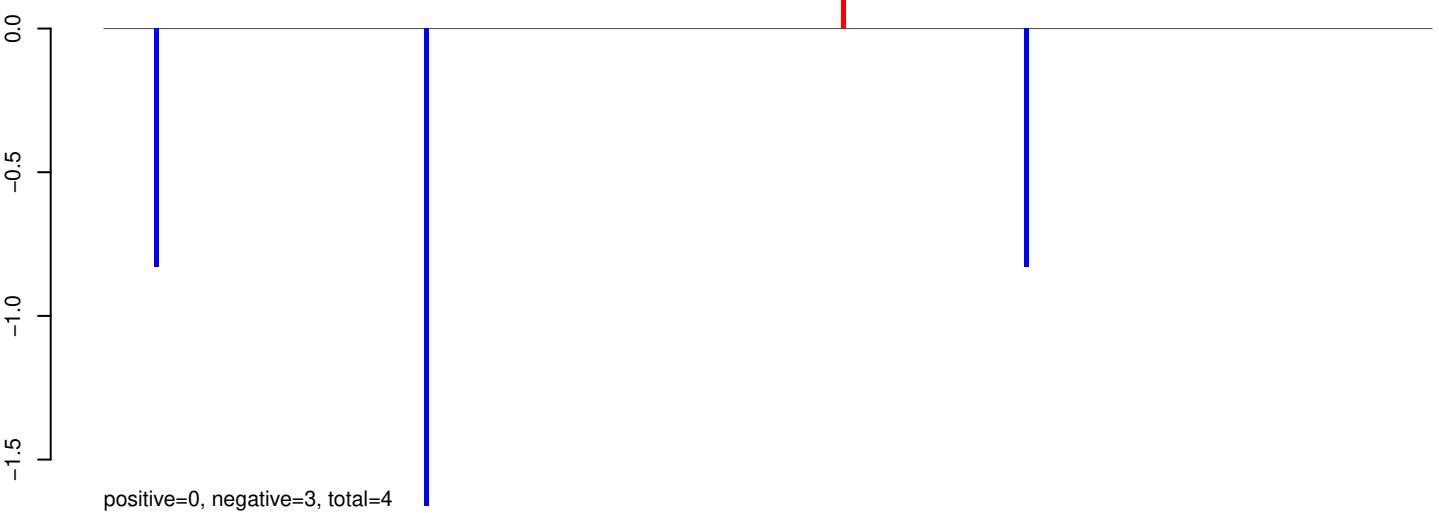
**AeAeg\_Whole\_sm\_r123\_JM.rep**



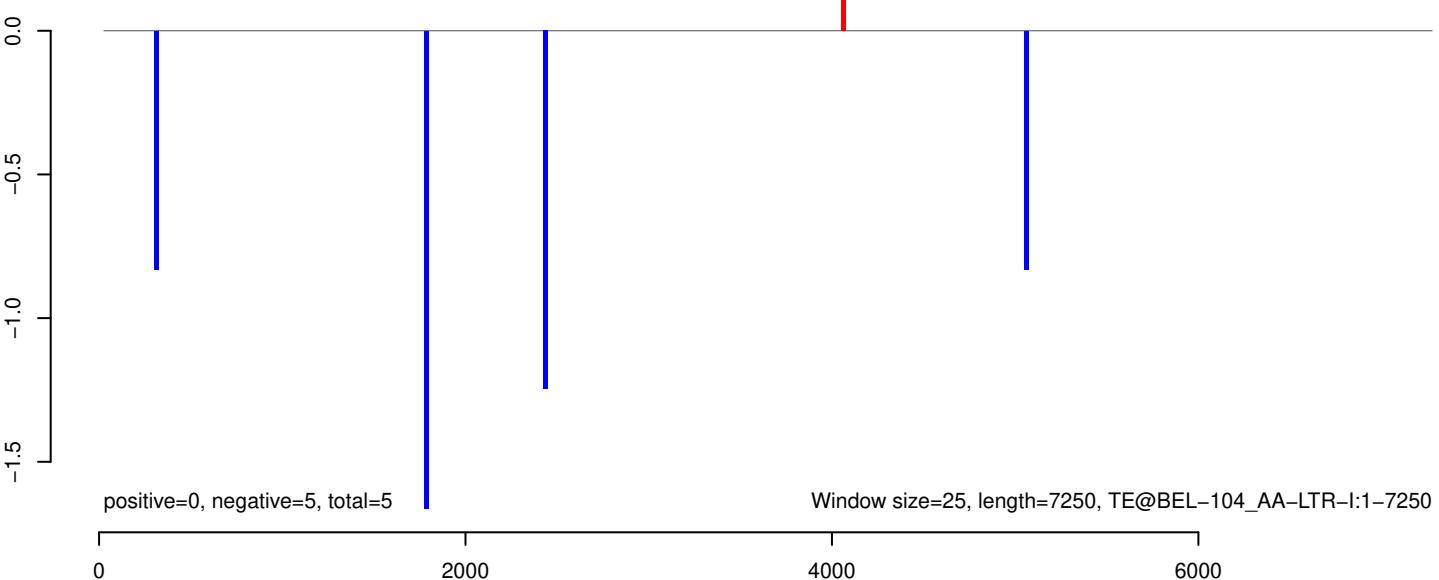
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



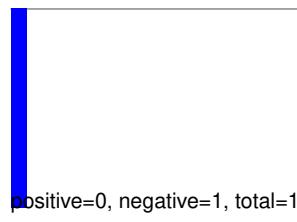
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



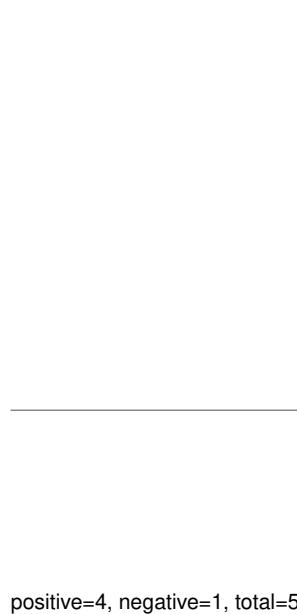
**AeAeg\_Whole\_sm\_r123\_JM.rep**



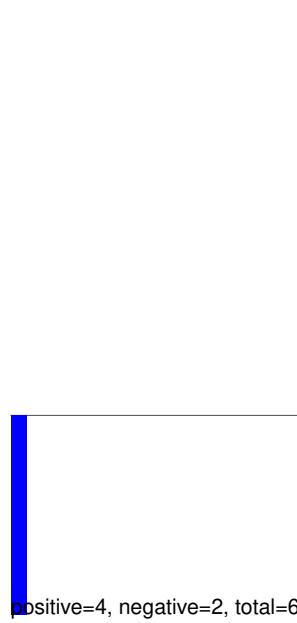
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



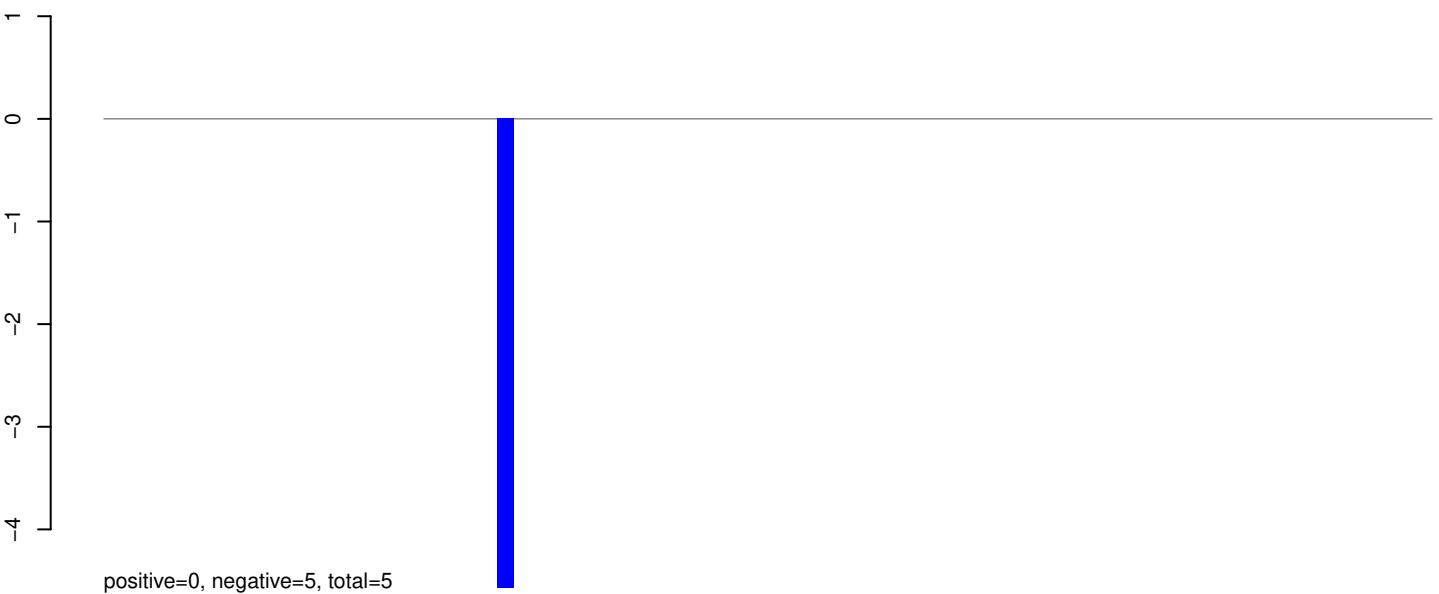
**AeAeg\_Whole\_sm\_r123\_JM.rep**



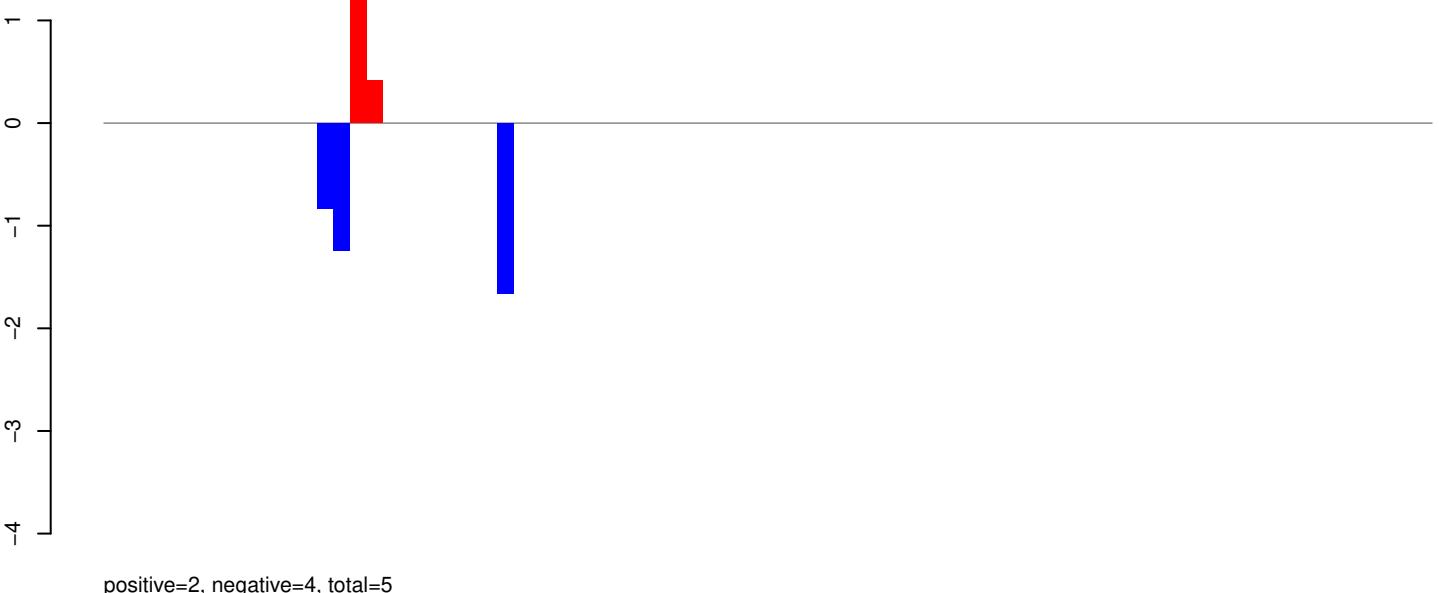
Window size=25, length=2142, TE@AF208680.1:1–2142

0 500 1000 1500 2000

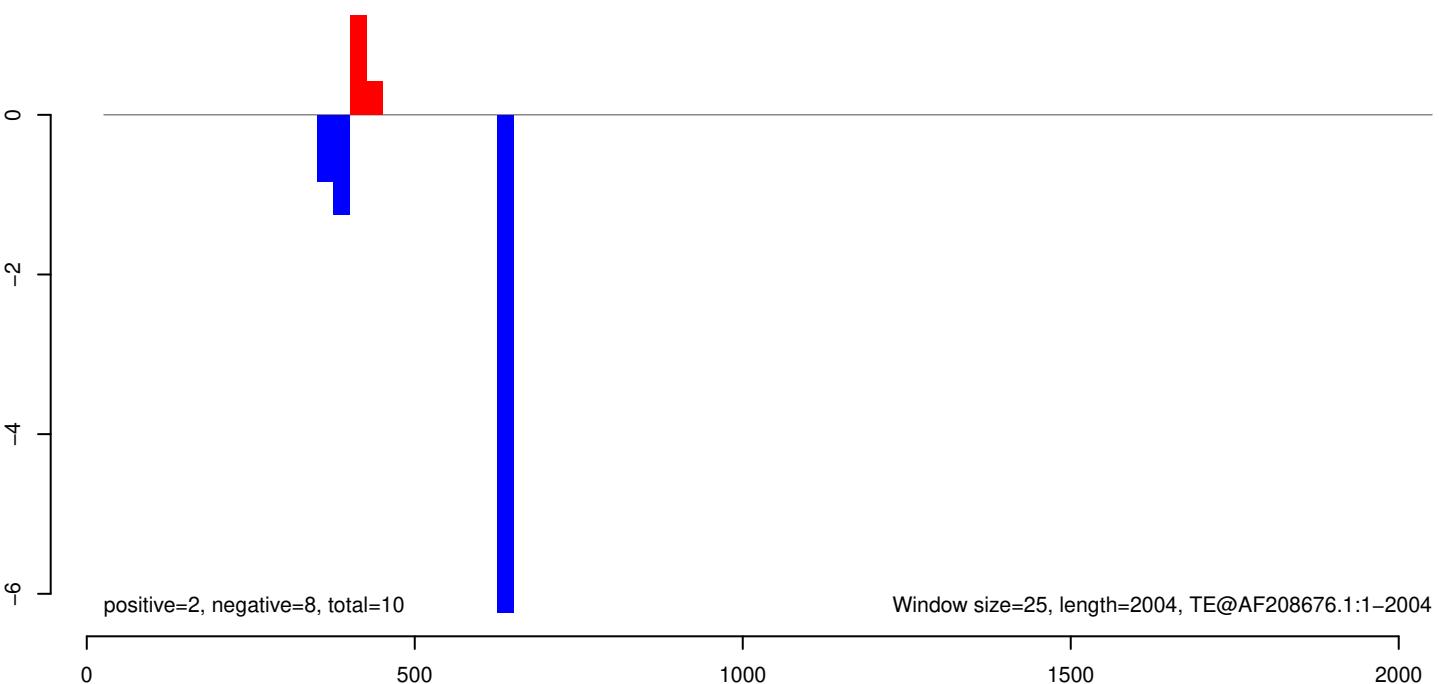
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



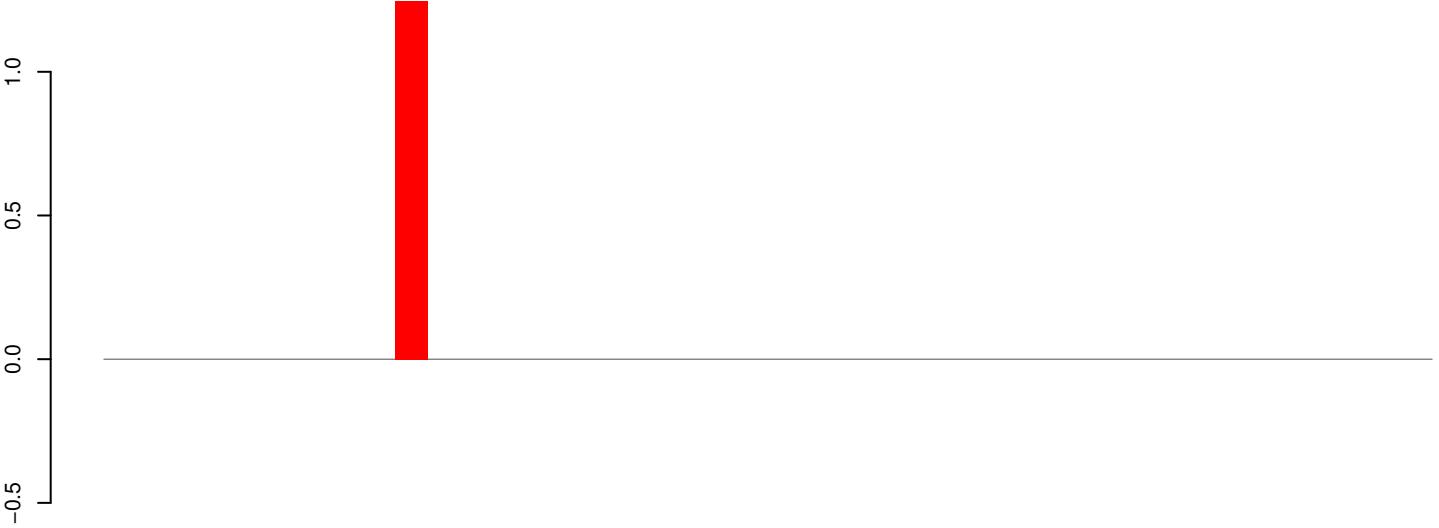
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



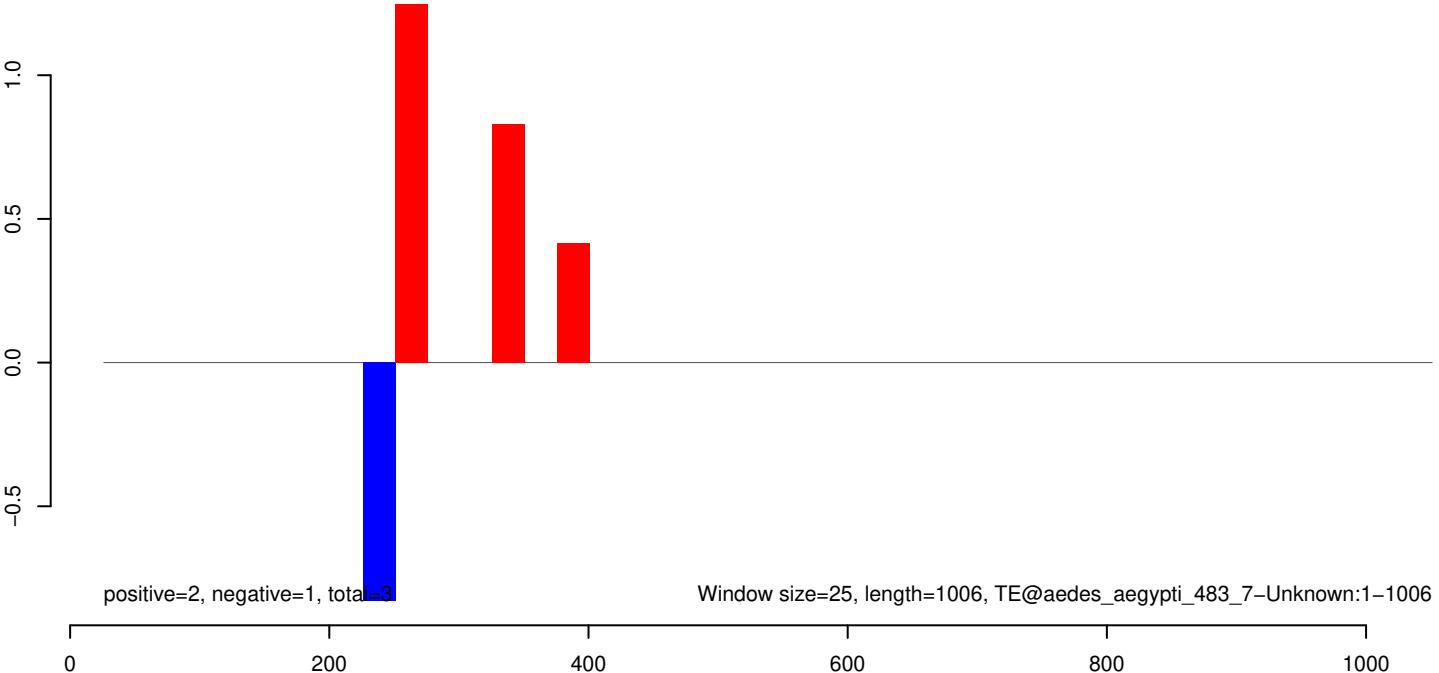
positive=1, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=2, negative=1, total=3

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

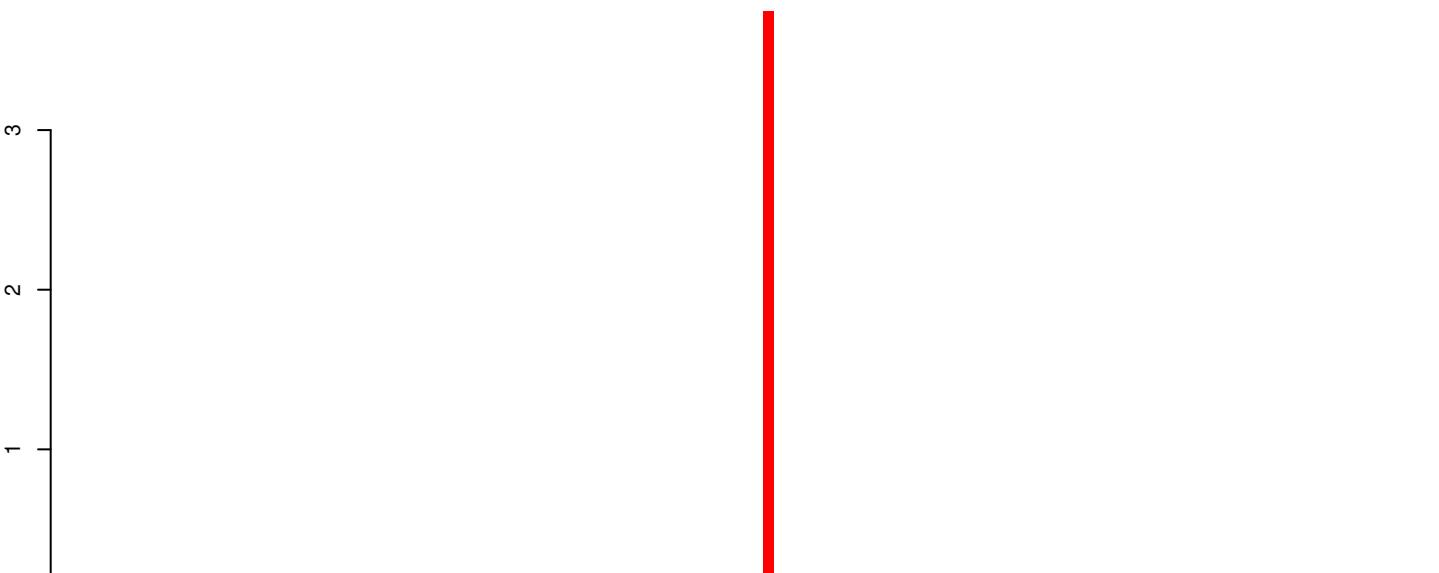
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=2, total=2

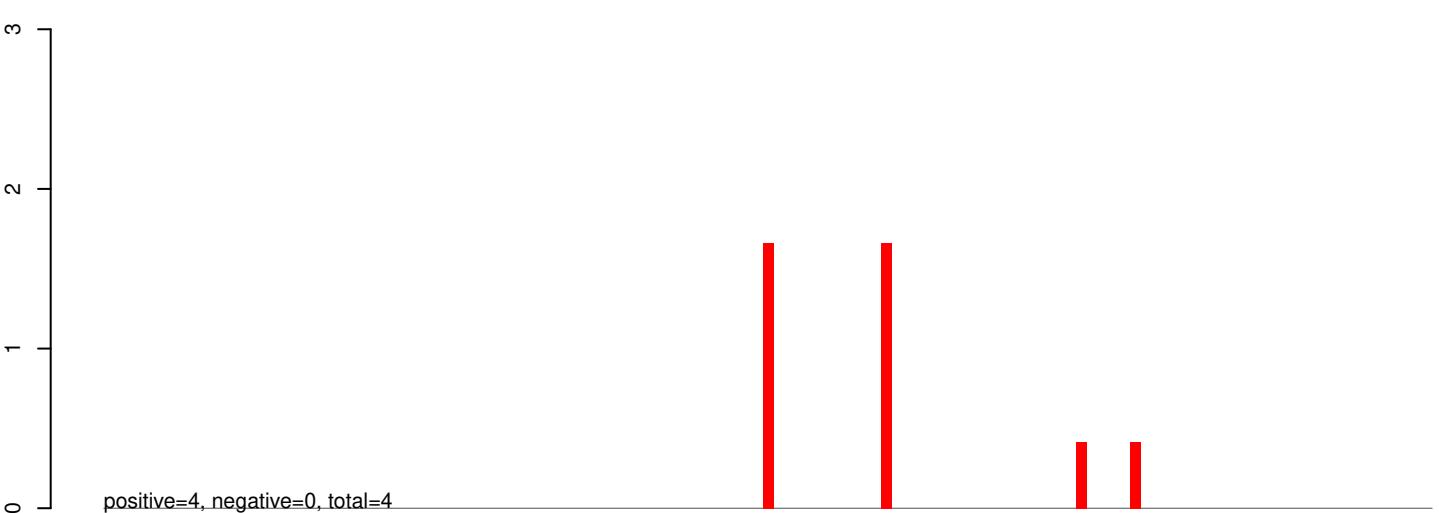
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2 Window size=25, length=2356, TE@aedes4kgr2k10pd1-AAGE01016871\_7055bp-TE-UNKNOWN:1-2356

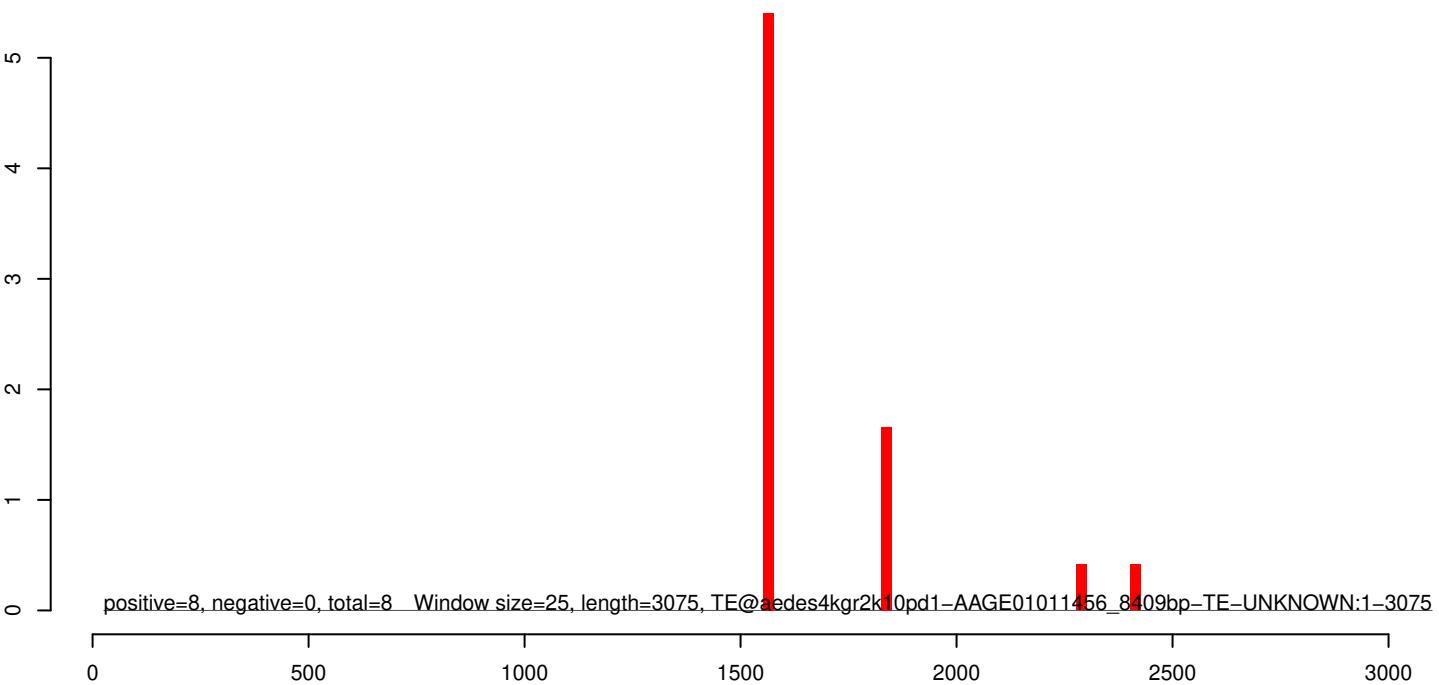
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



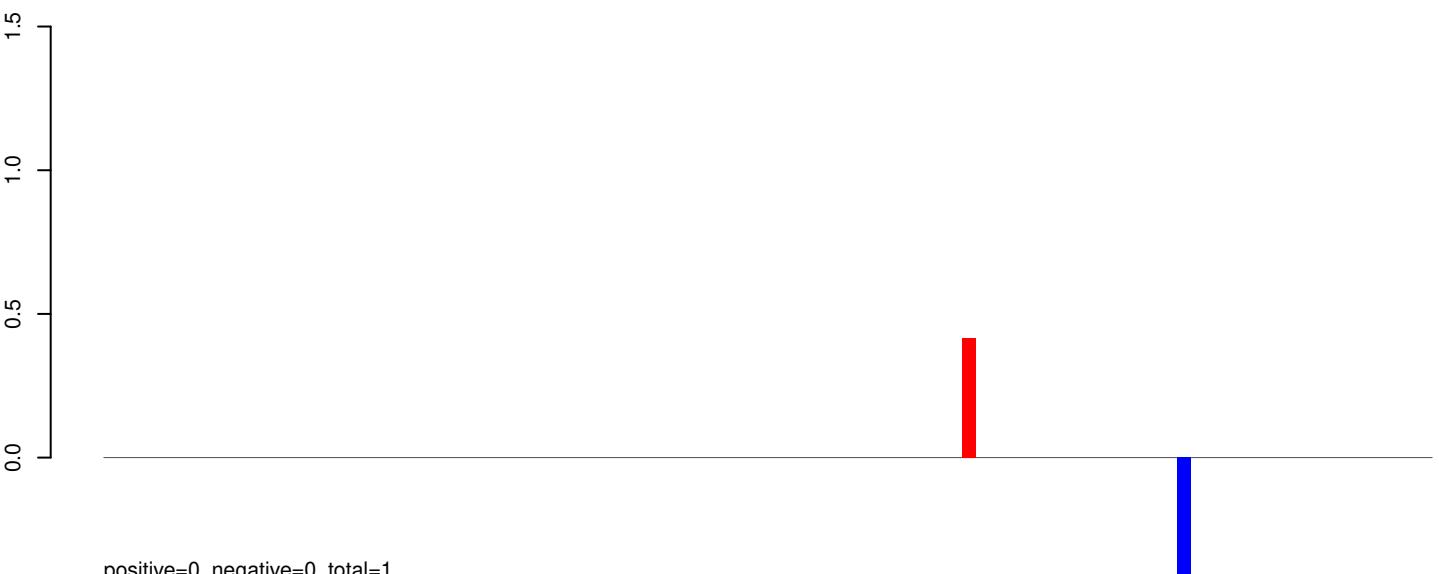
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



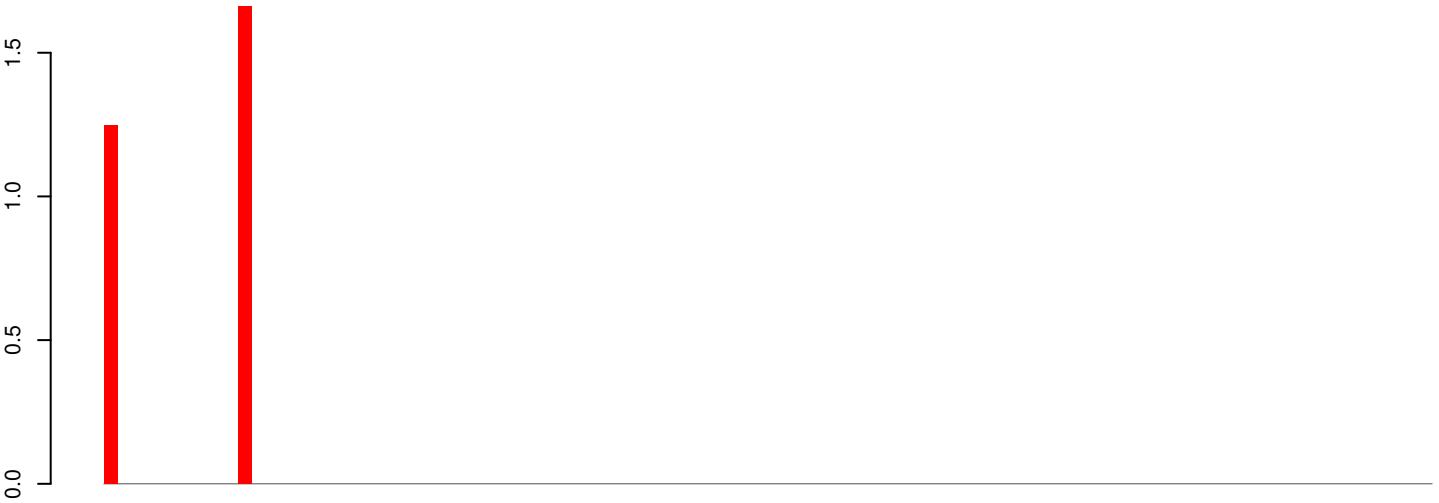
### AeAeg\_Whole\_sm\_r123\_JM.rep



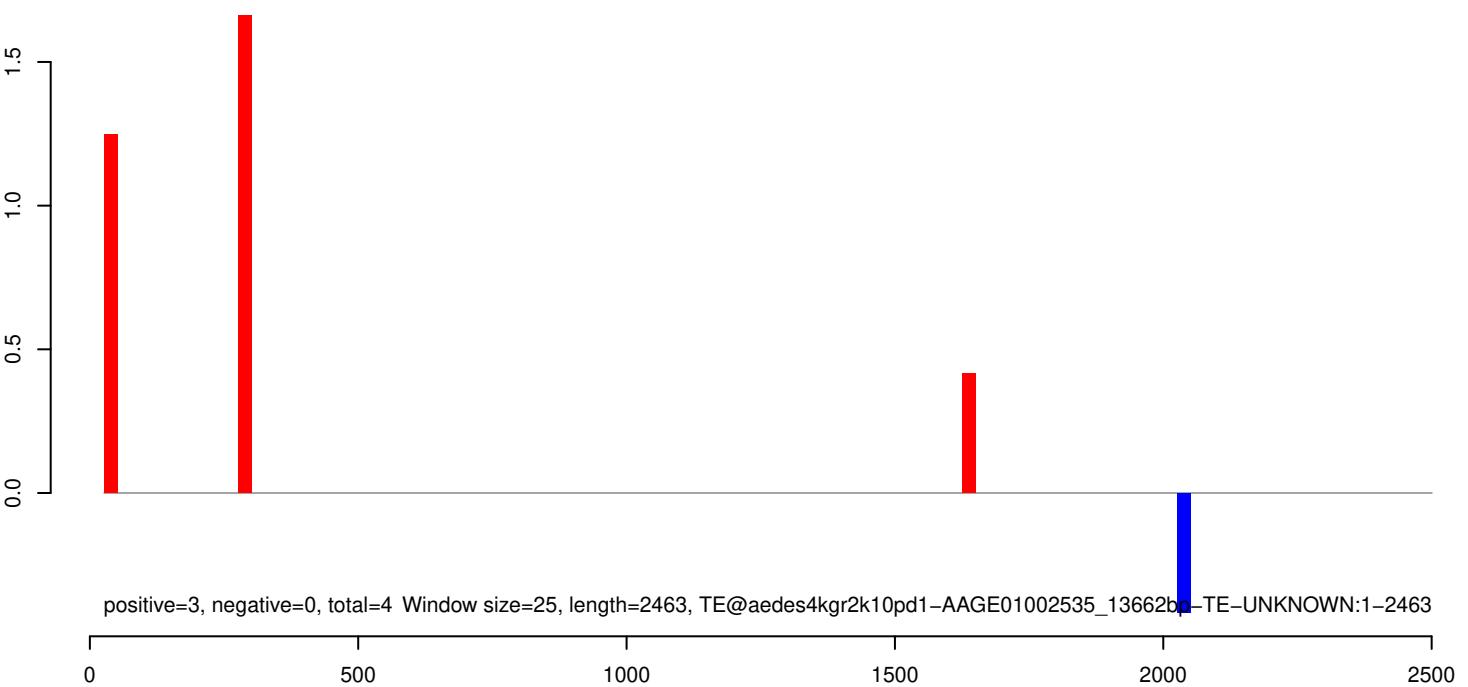
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



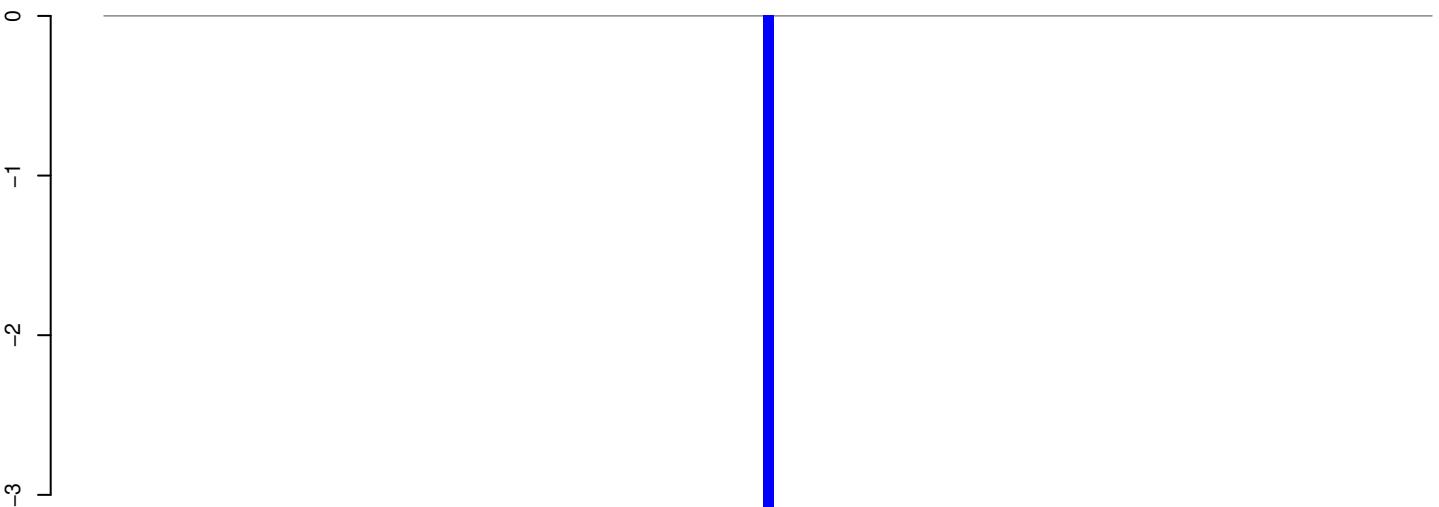
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

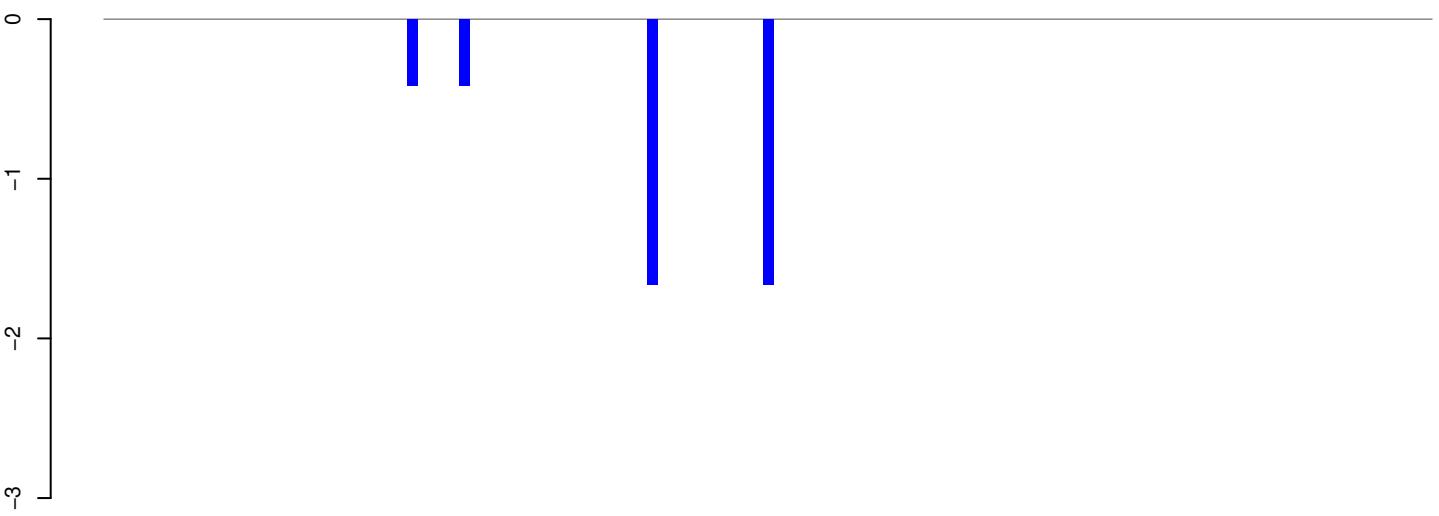


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



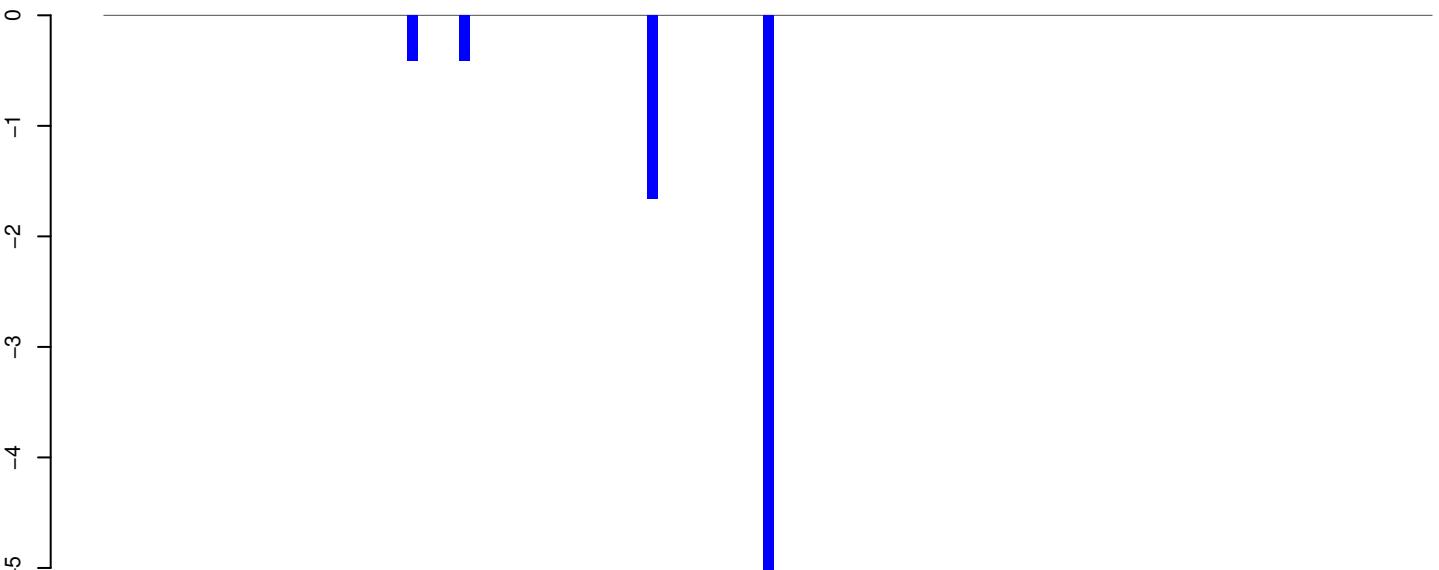
positive=0, negative=4, total=4

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=4, total=4

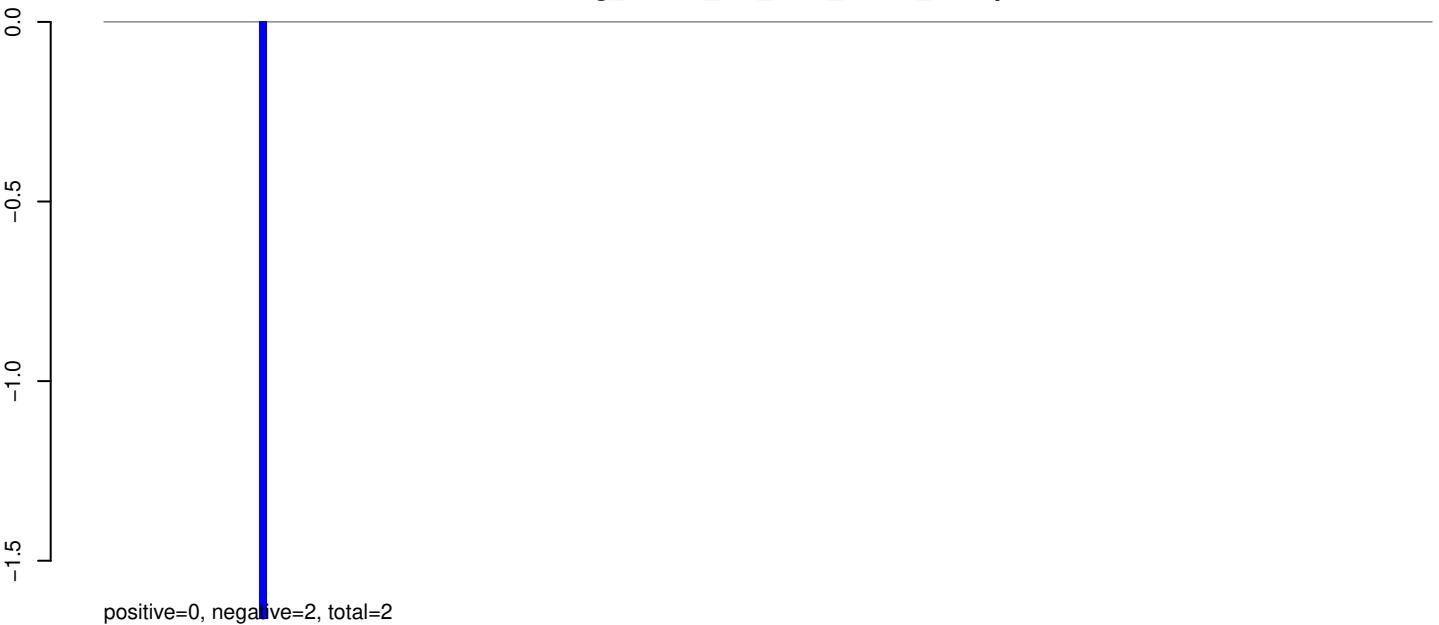
### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=0, negative=8, total=8 Window size=25, length=3172, TE@ades4kgr2k10pd1-AAGE01001403\_15771bp-TE-UNKNOWN:1-3172

0 500 1000 1500 2000 2500 3000

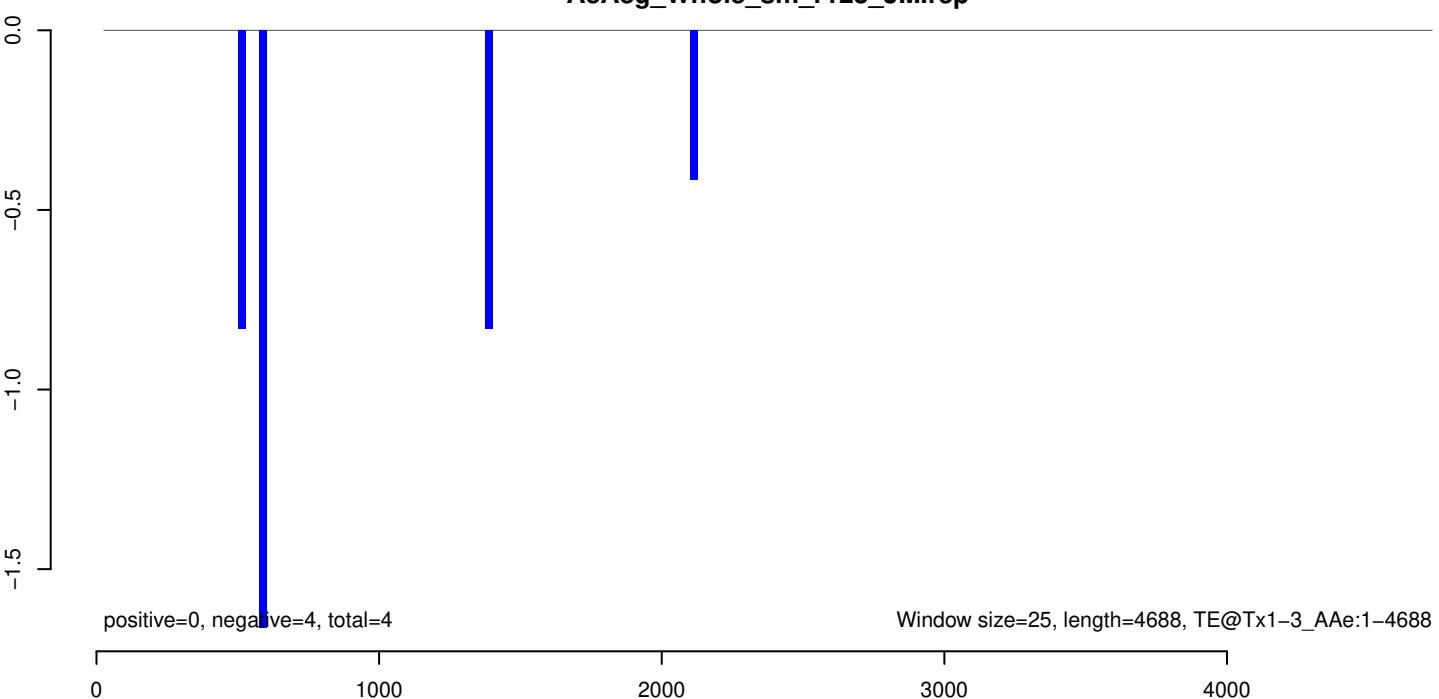
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



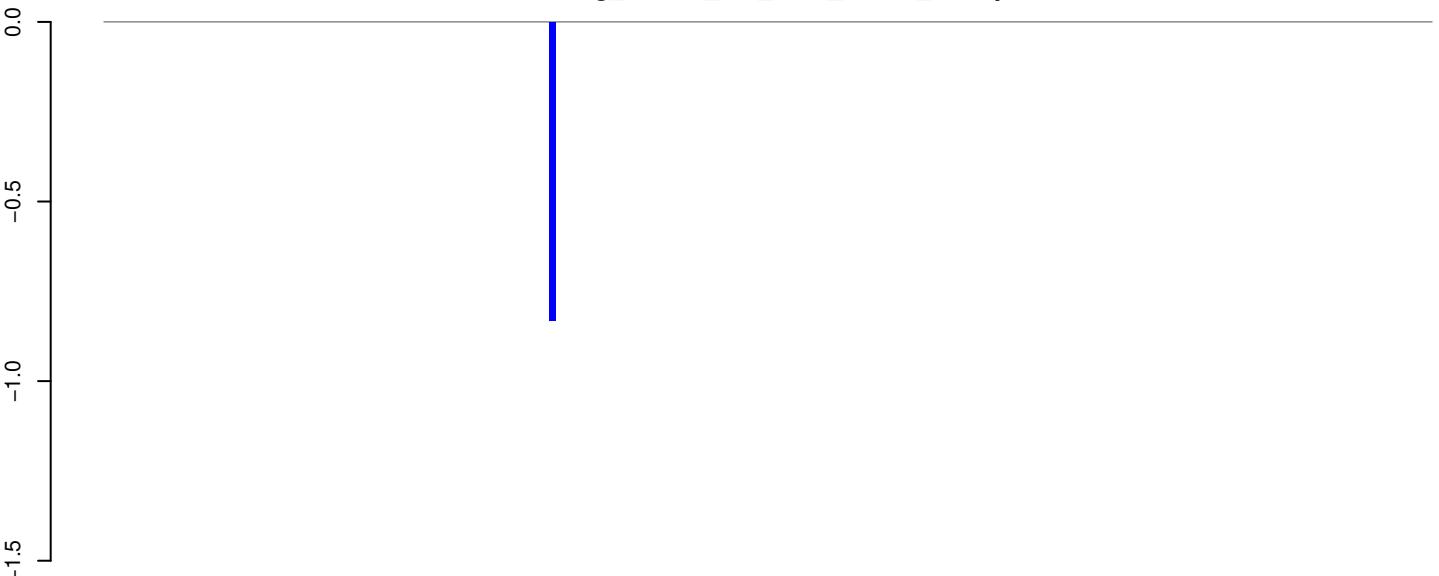
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



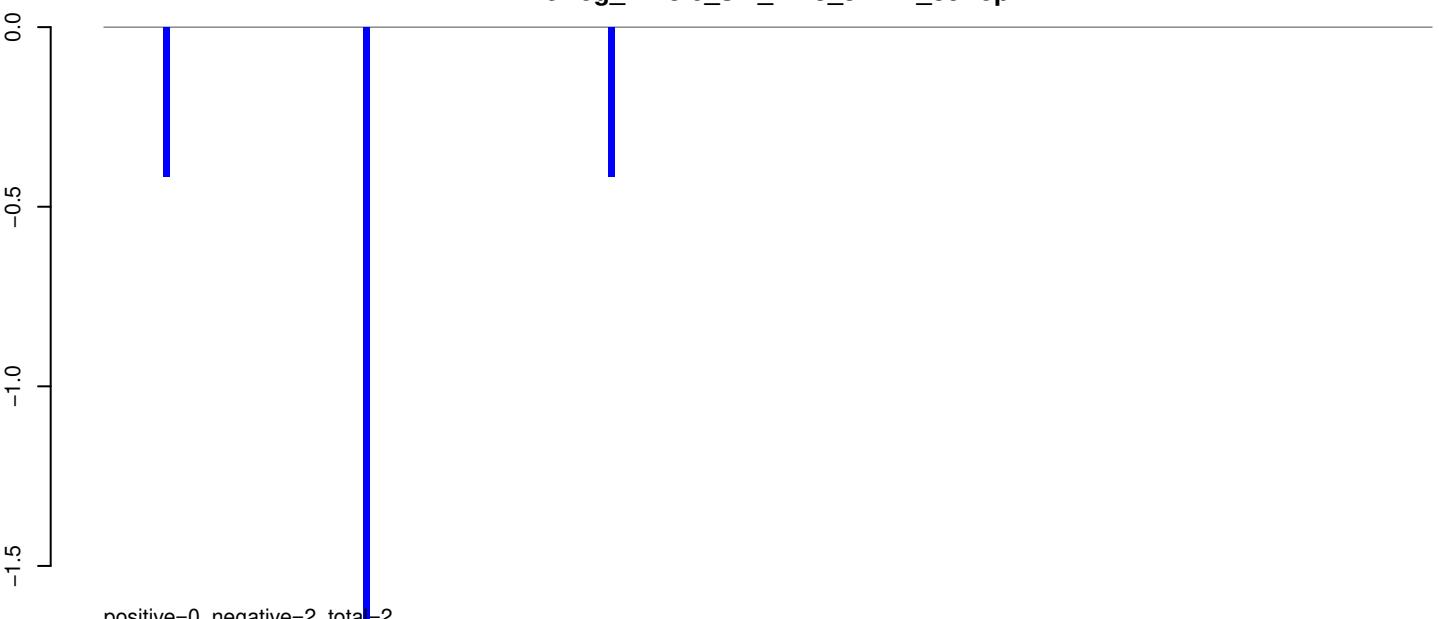
### AeAeg\_Whole\_sm\_r123\_JM.rep



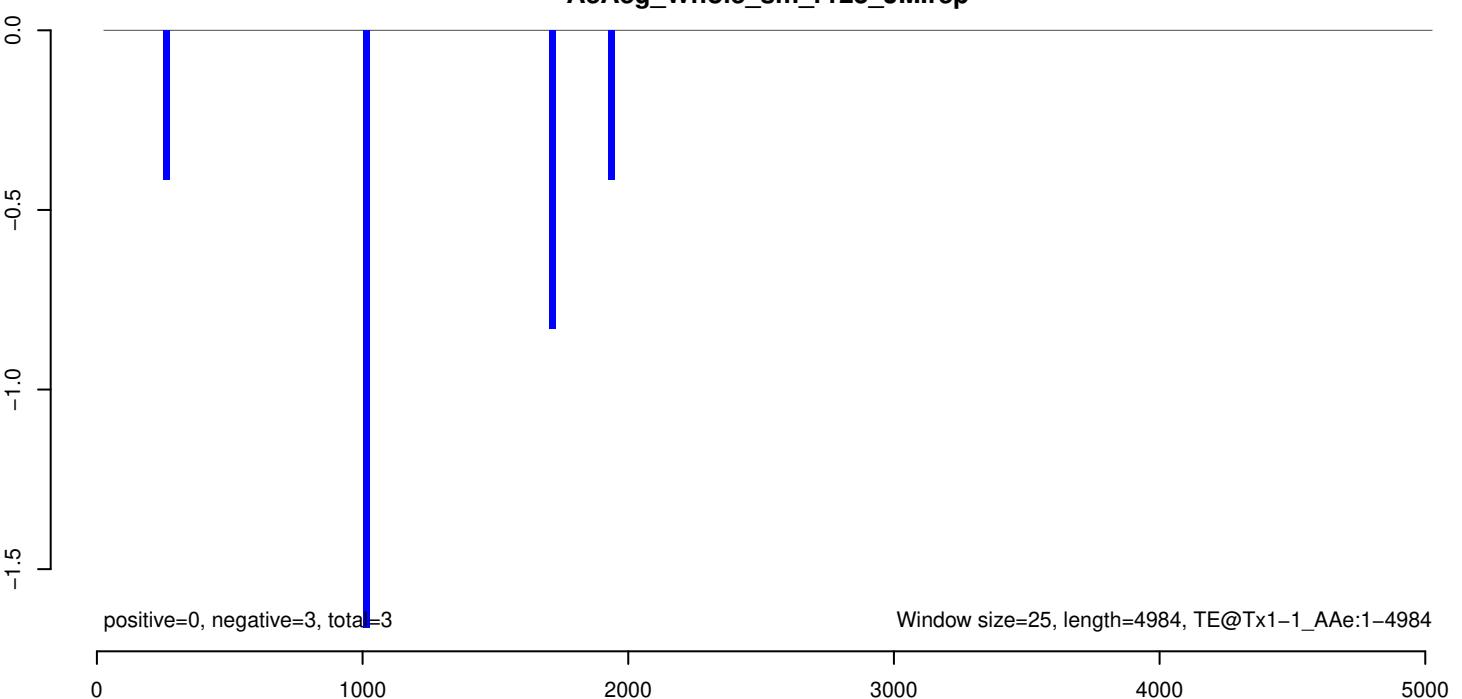
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



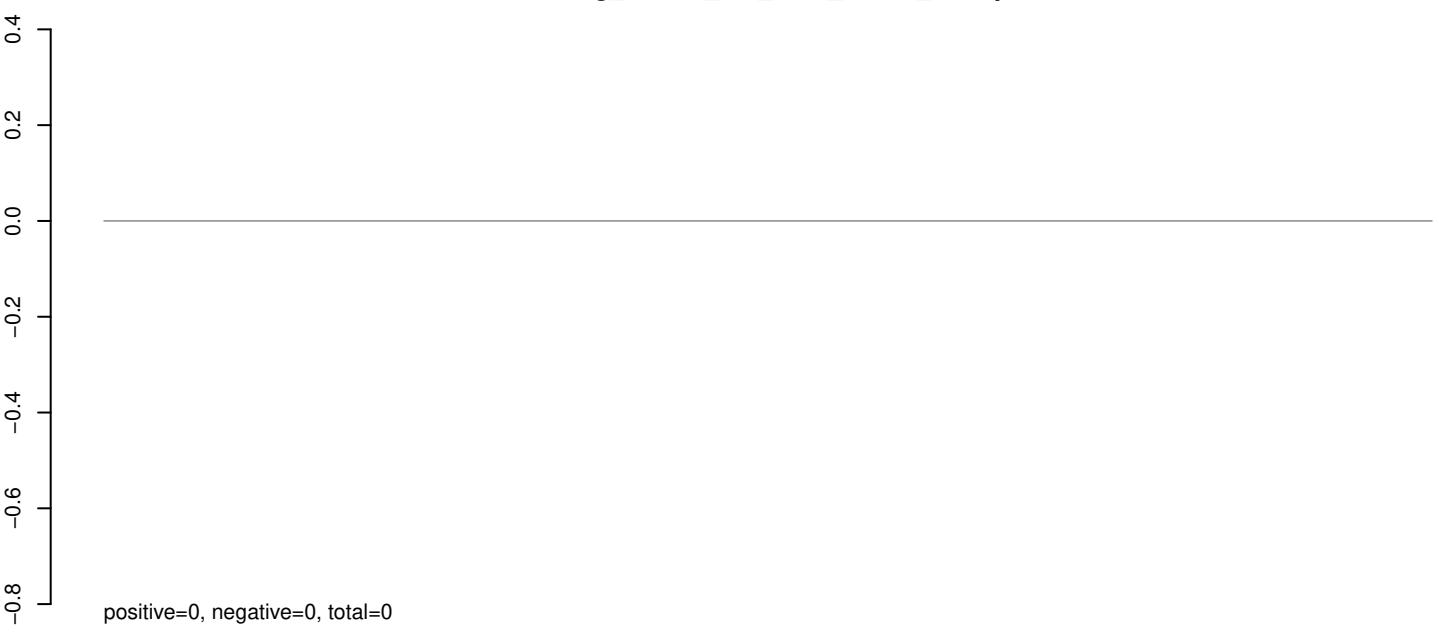
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



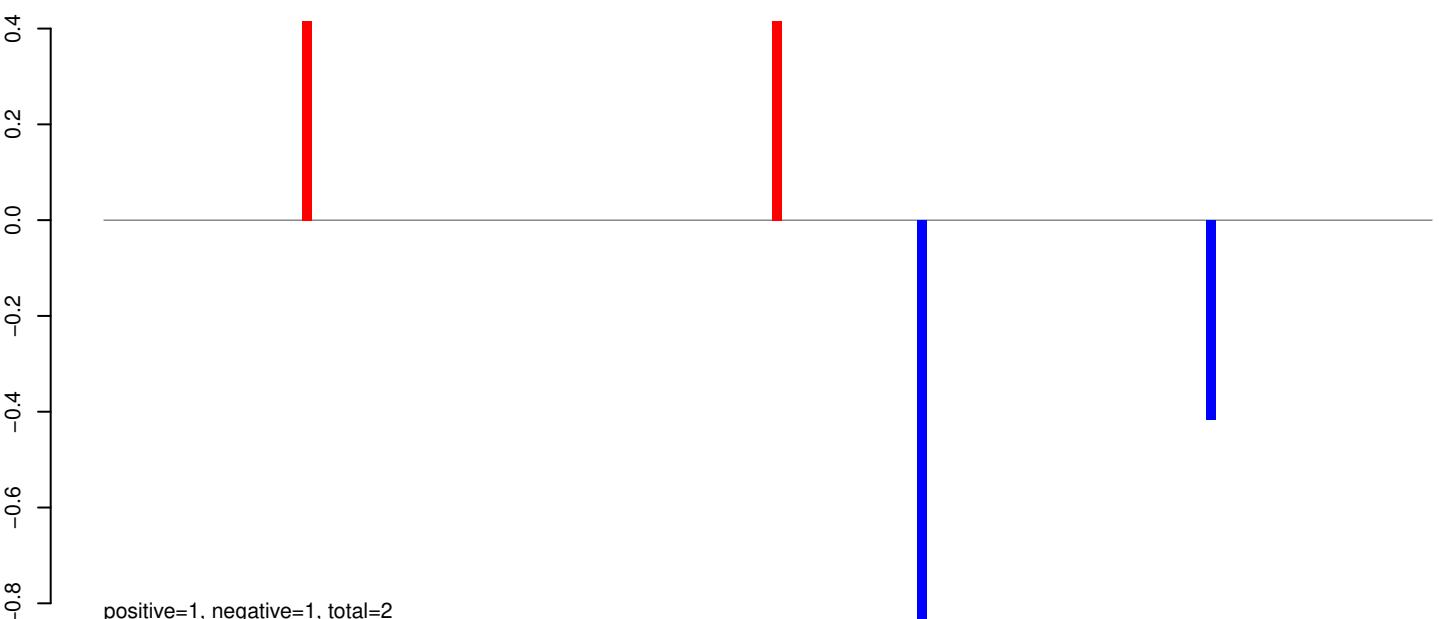
### AeAeg\_Whole\_sm\_r123\_JM.rep



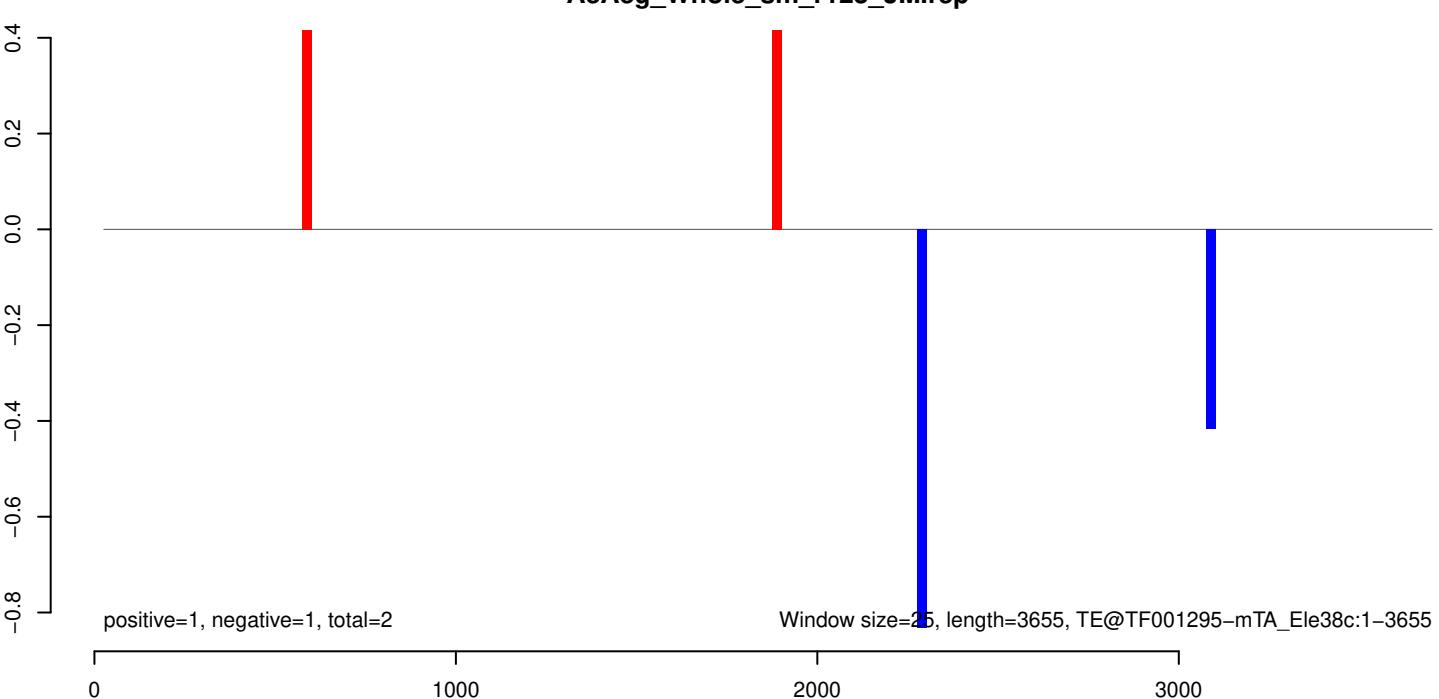
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



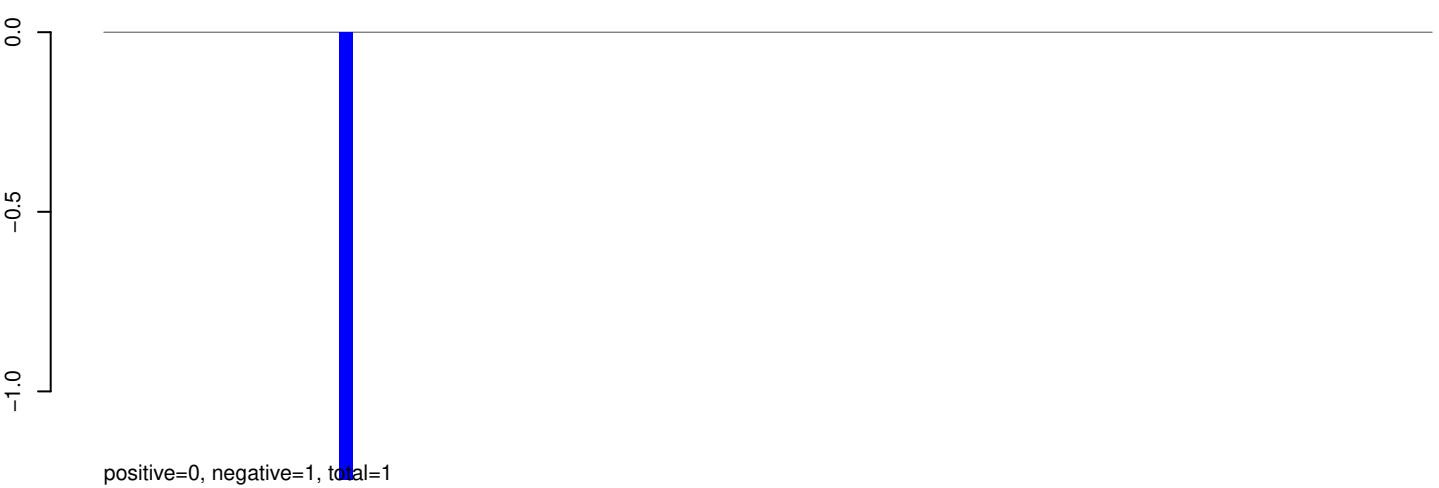
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



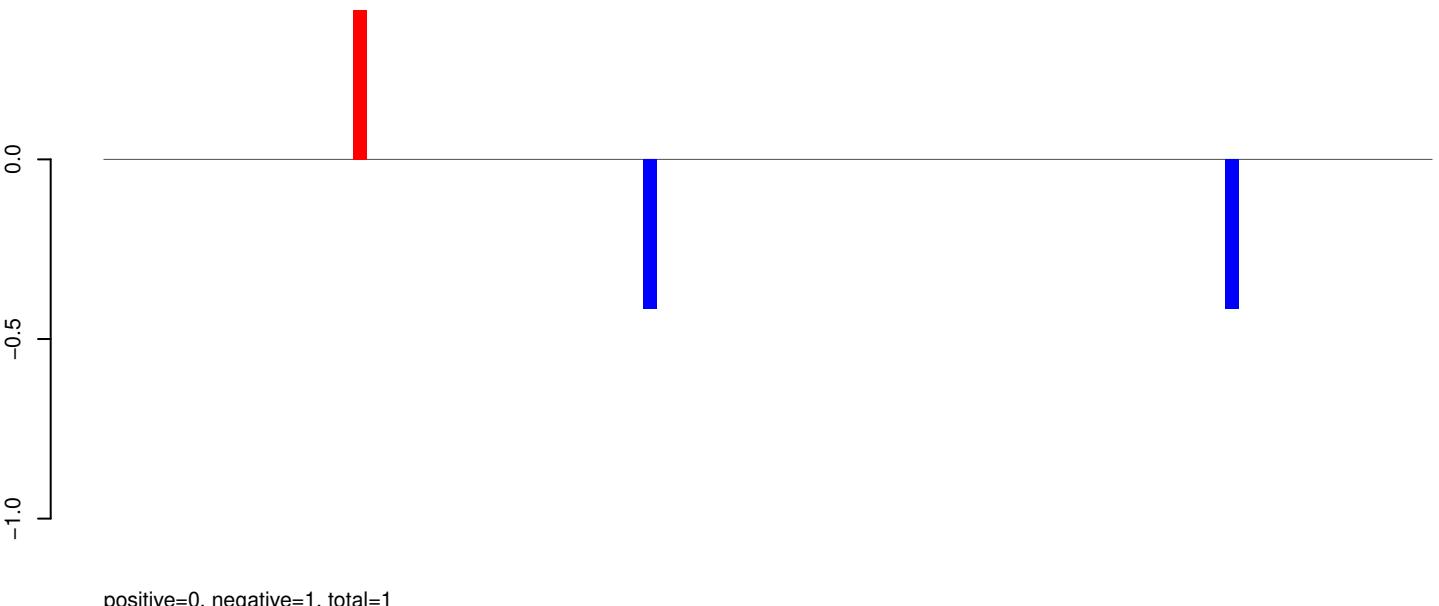
### AeAeg\_Whole\_sm\_r123\_JM.rep



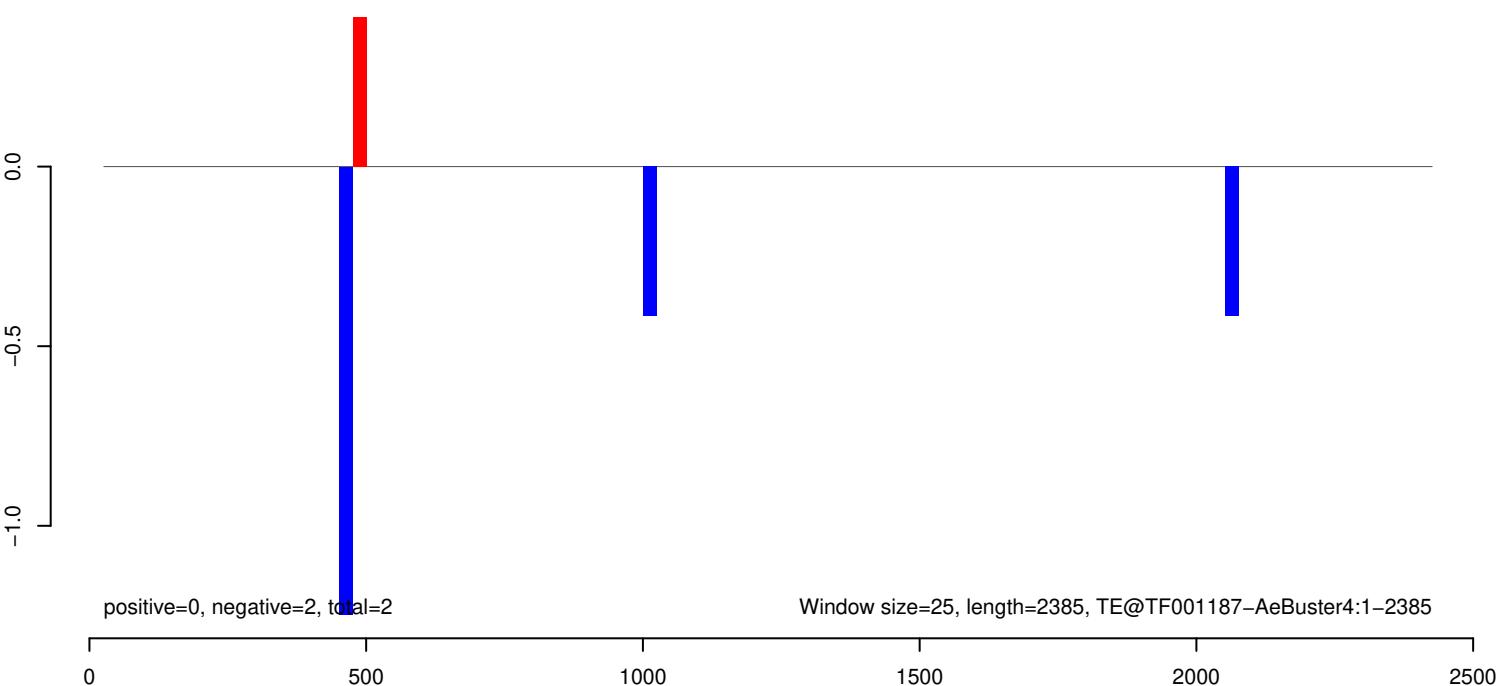
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



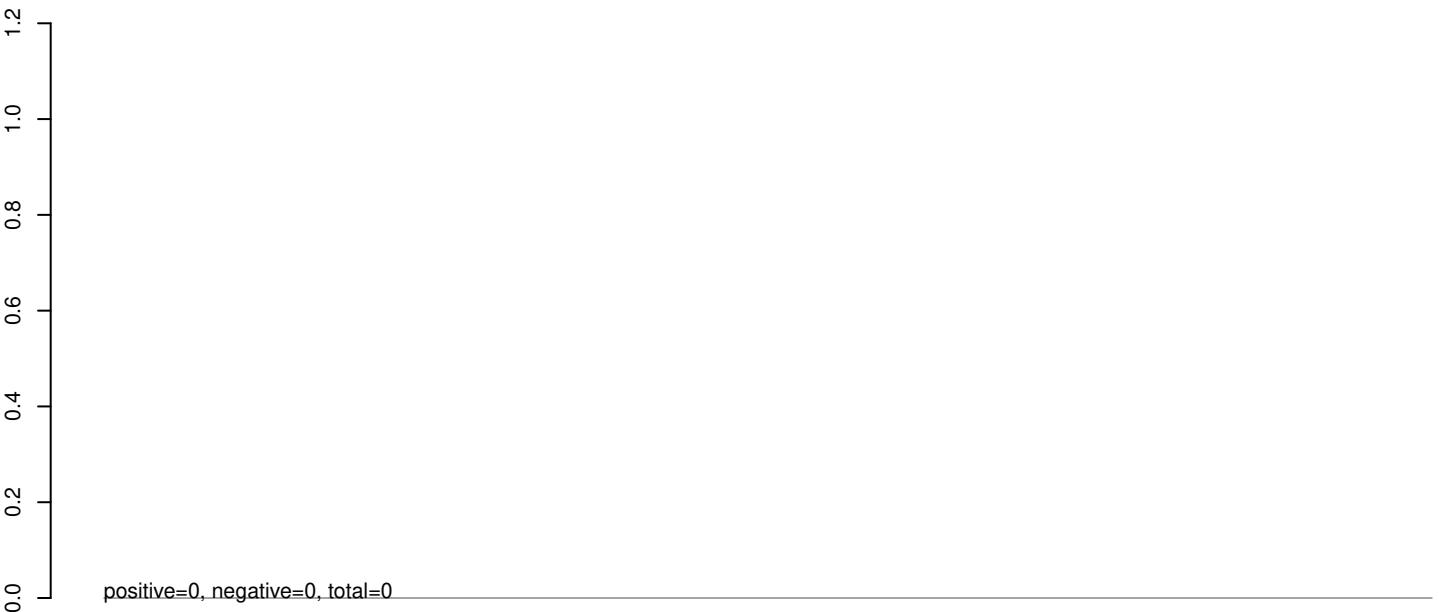
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



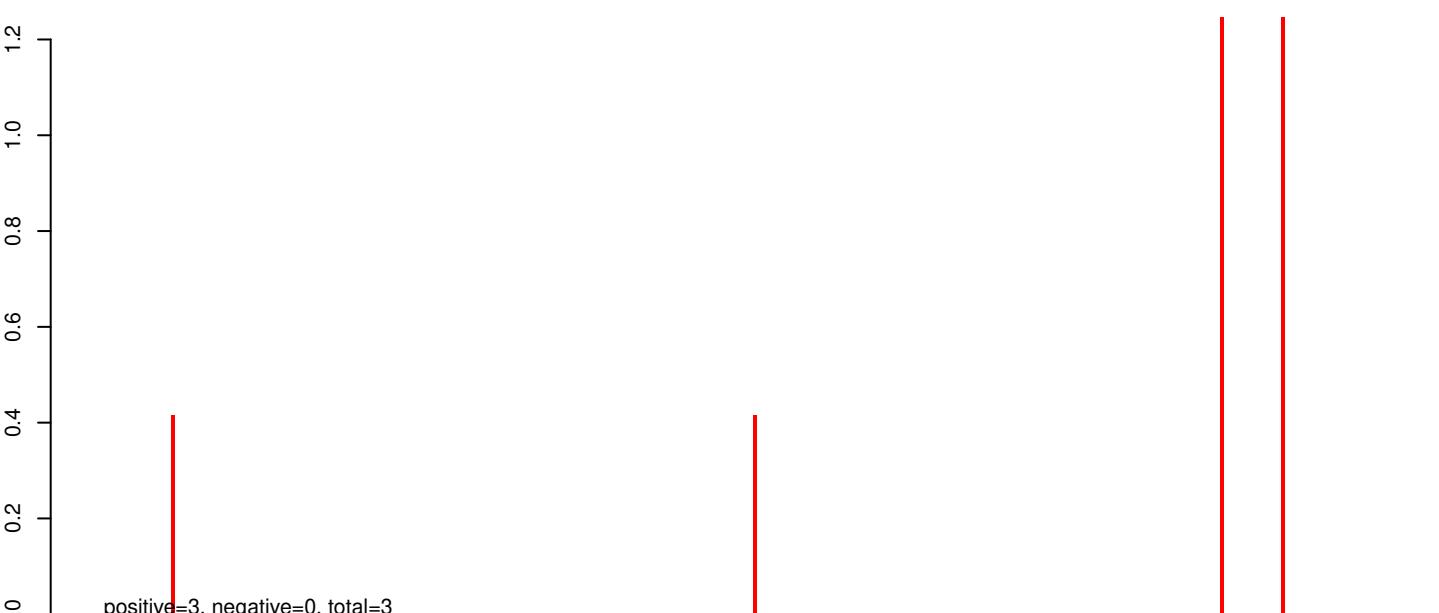
**AeAeg\_Whole\_sm\_r123\_JM.rep**



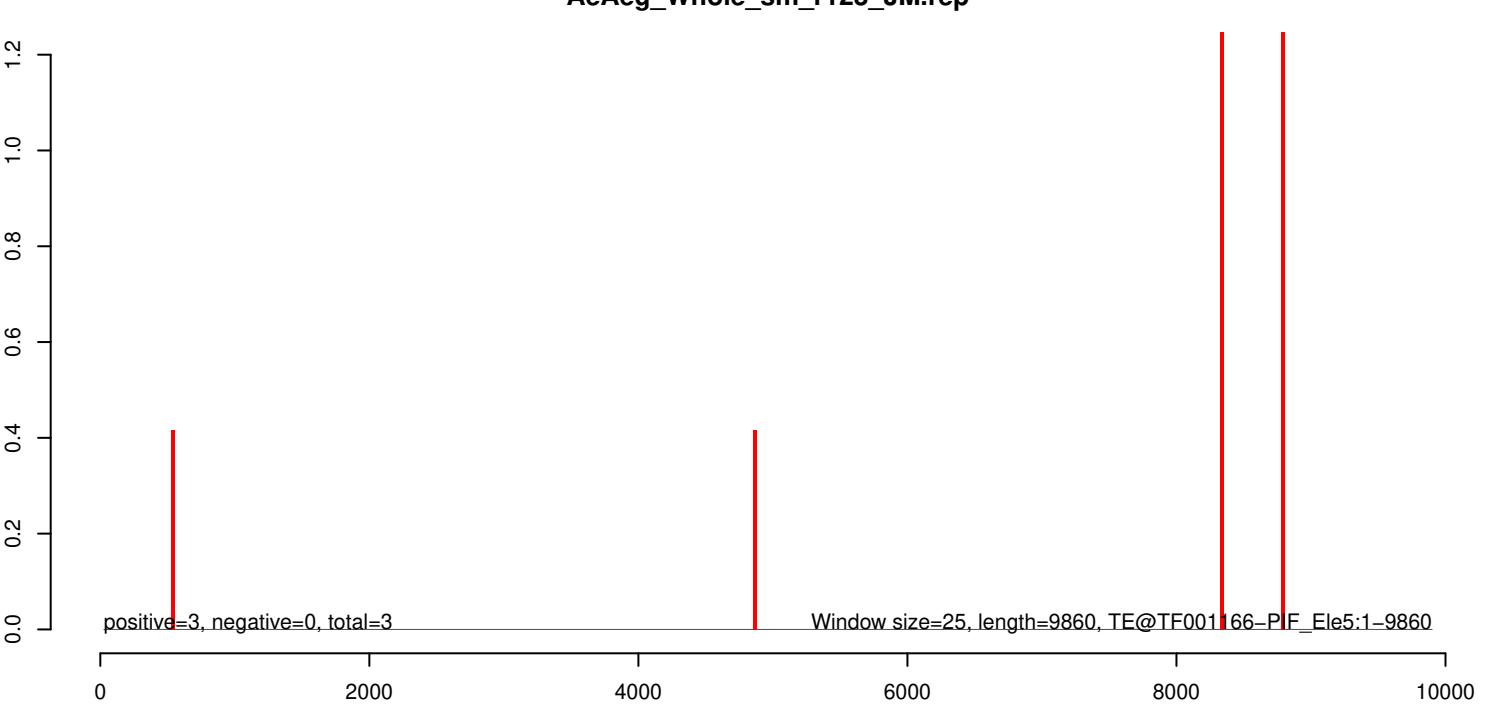
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

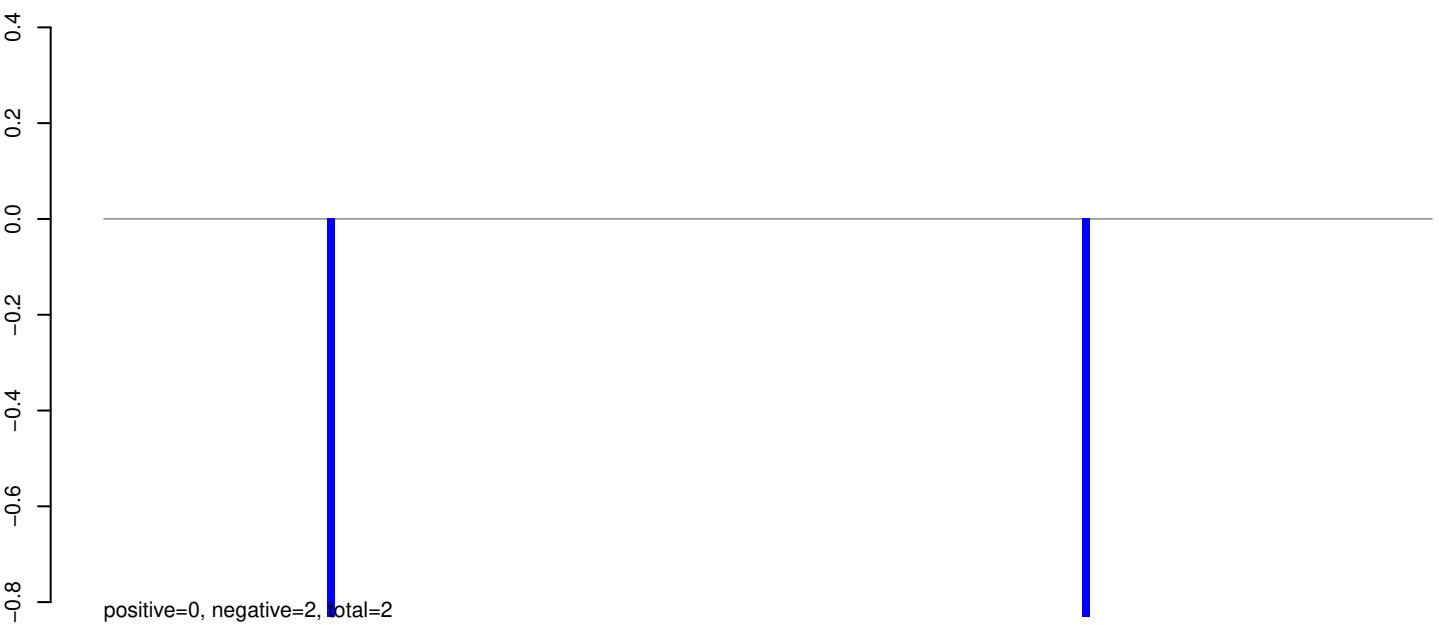


AeAeg\_Whole\_sm\_r123\_JM.rep



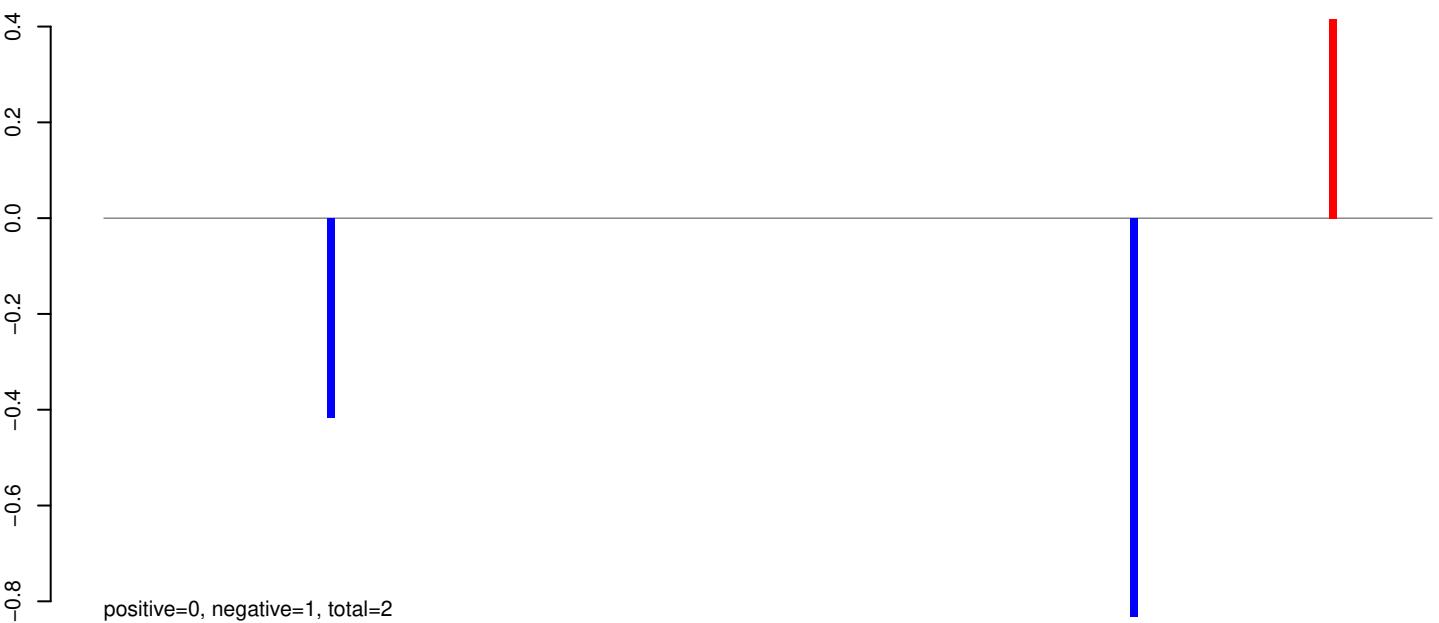
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

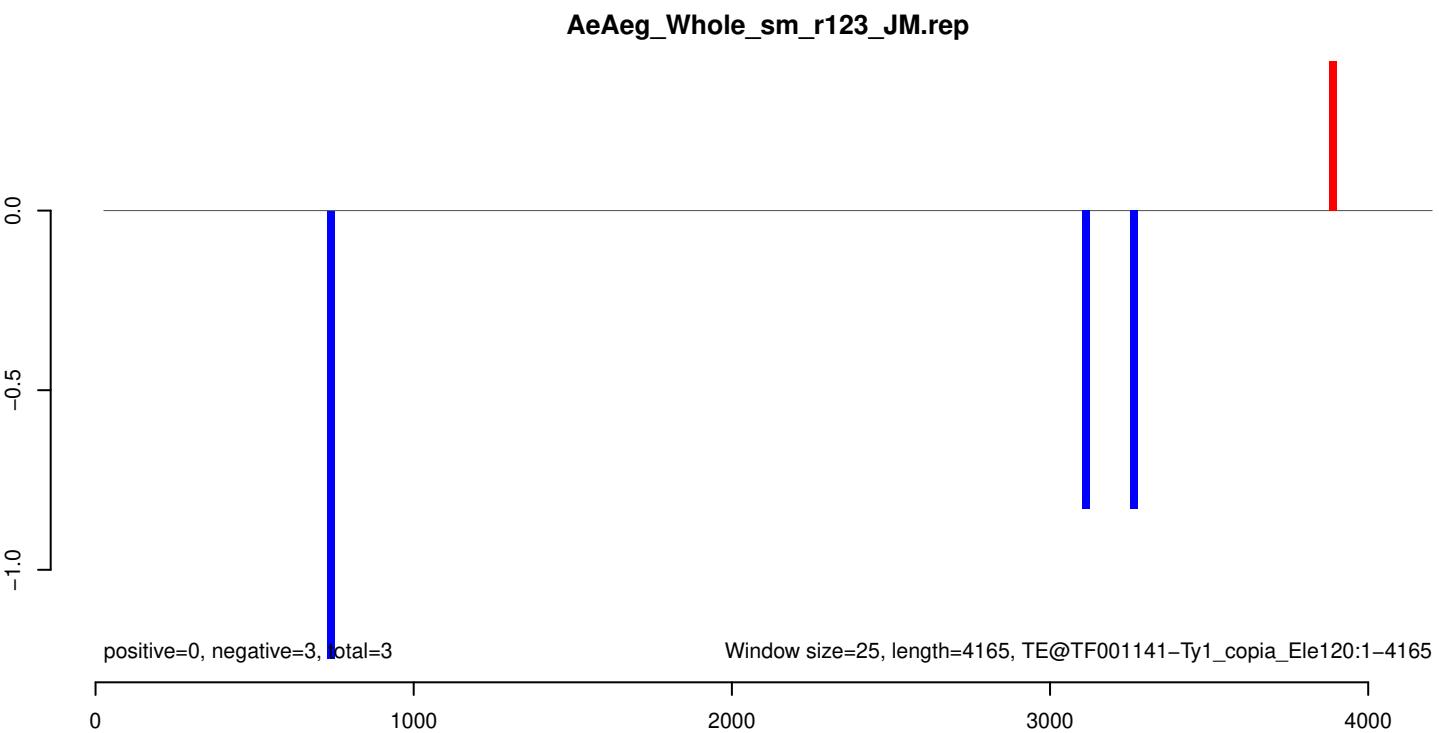
positive=0, negative=1, total=2



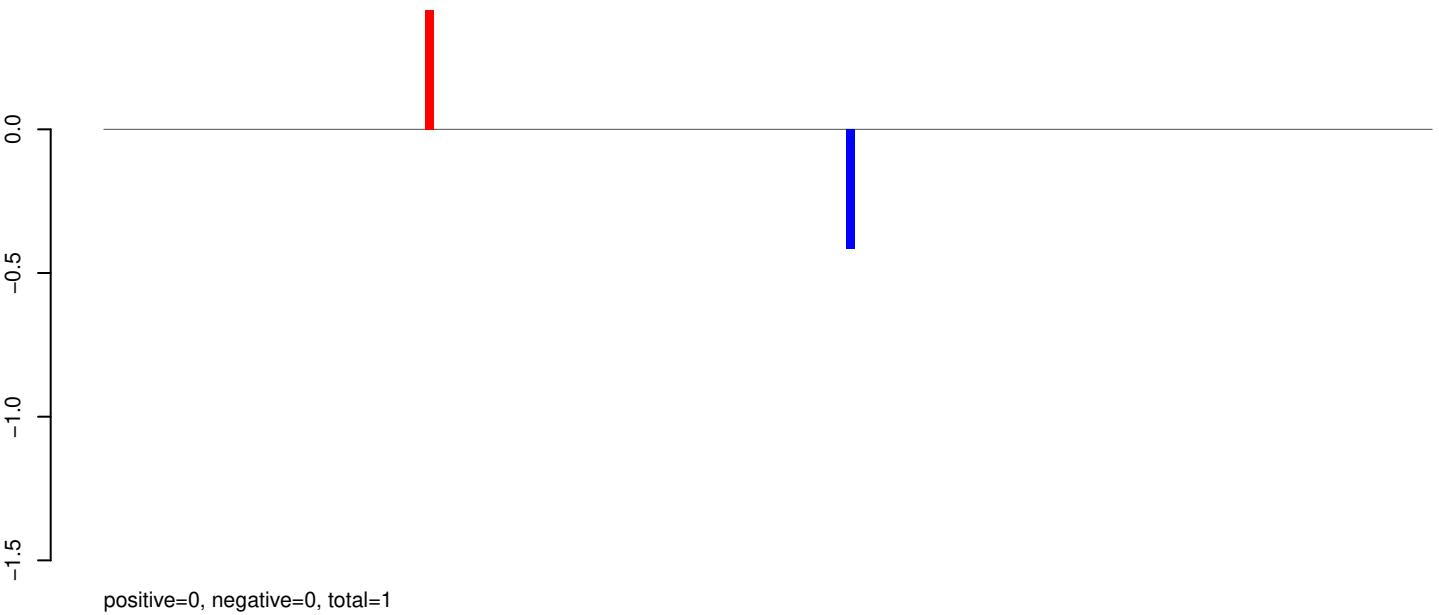
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=3, total=3

Window size=25, length=4165, TE@TF001141-Ty1\_copia\_Ele120:1-4165



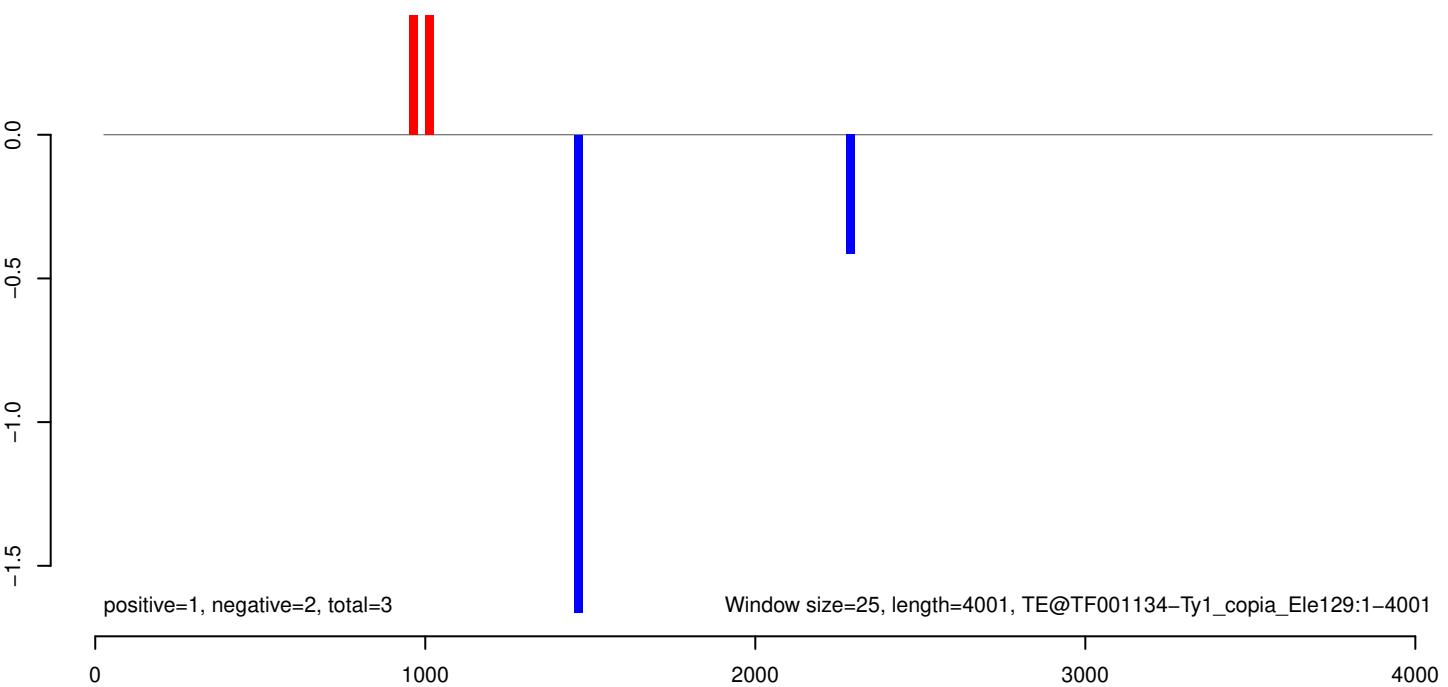
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



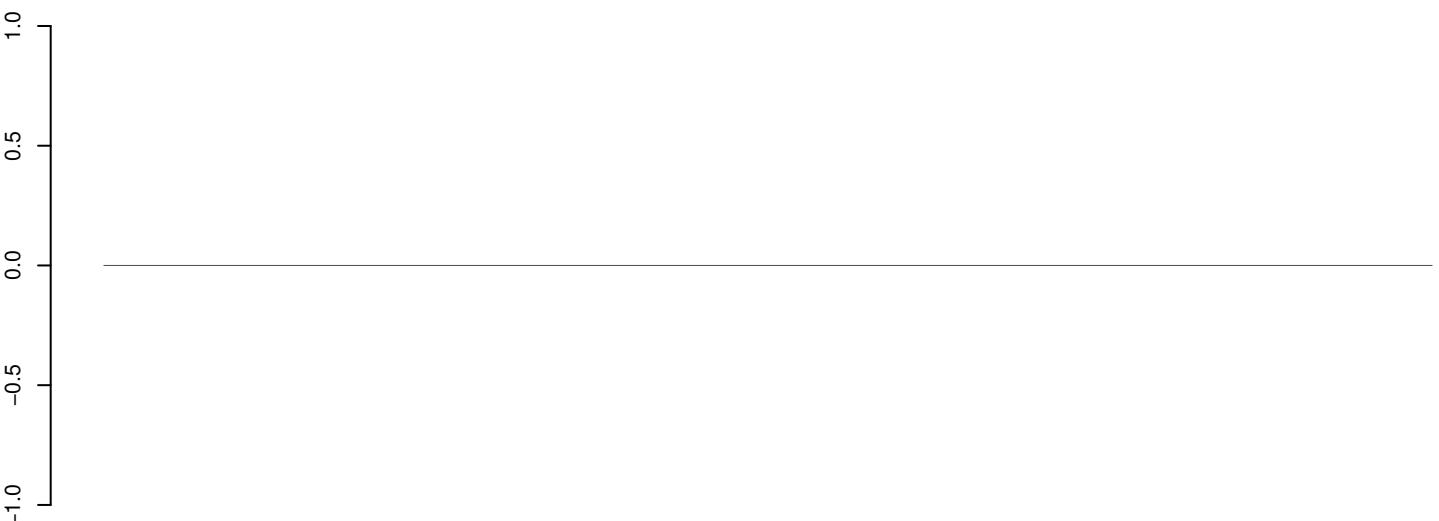
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



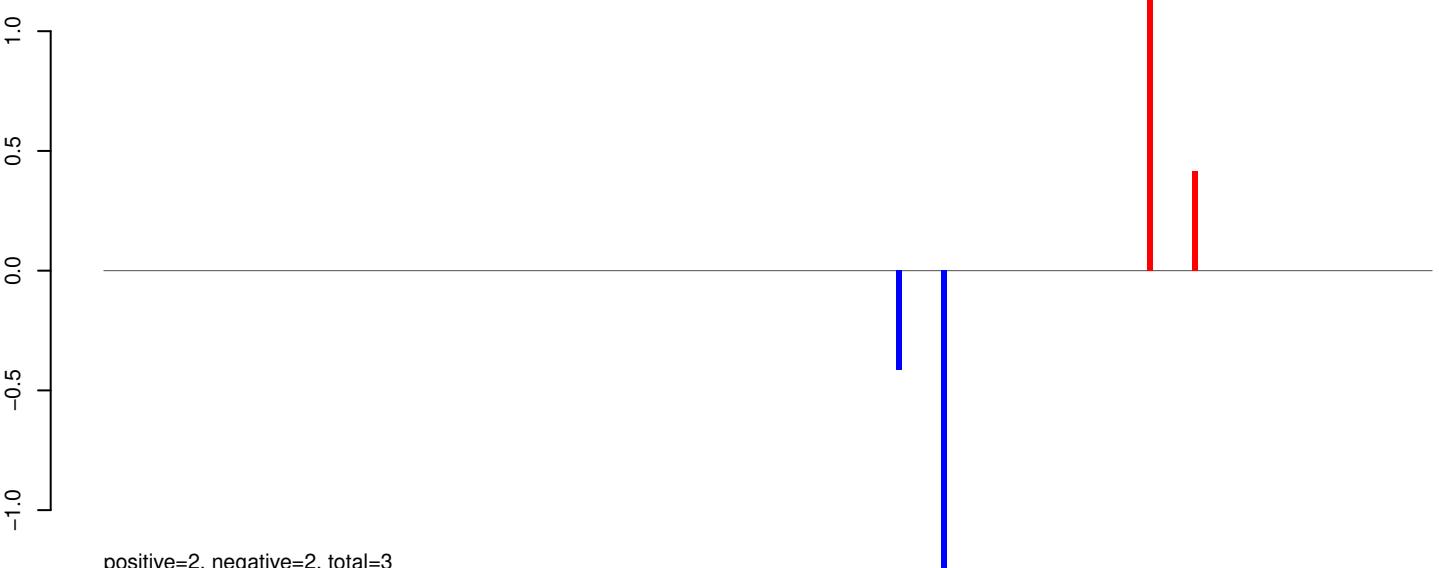
**AeAeg\_Whole\_sm\_r123\_JM.rep**



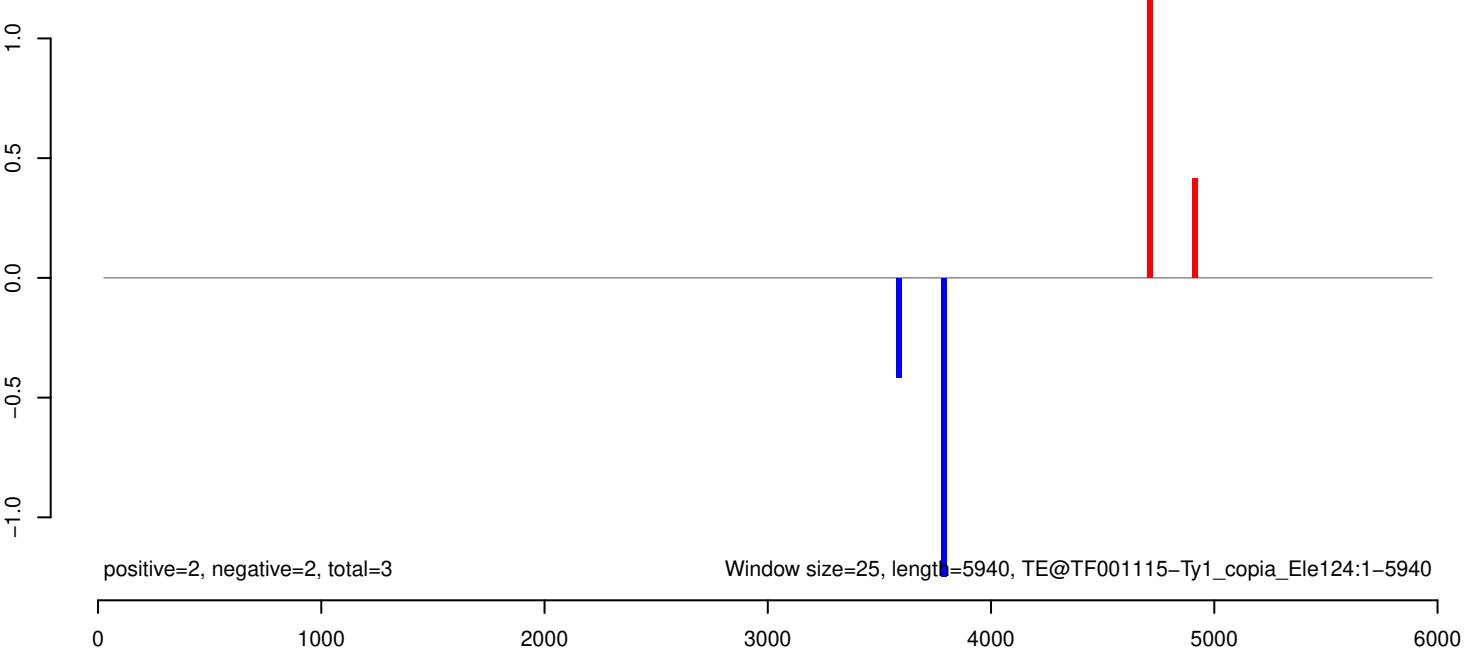
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



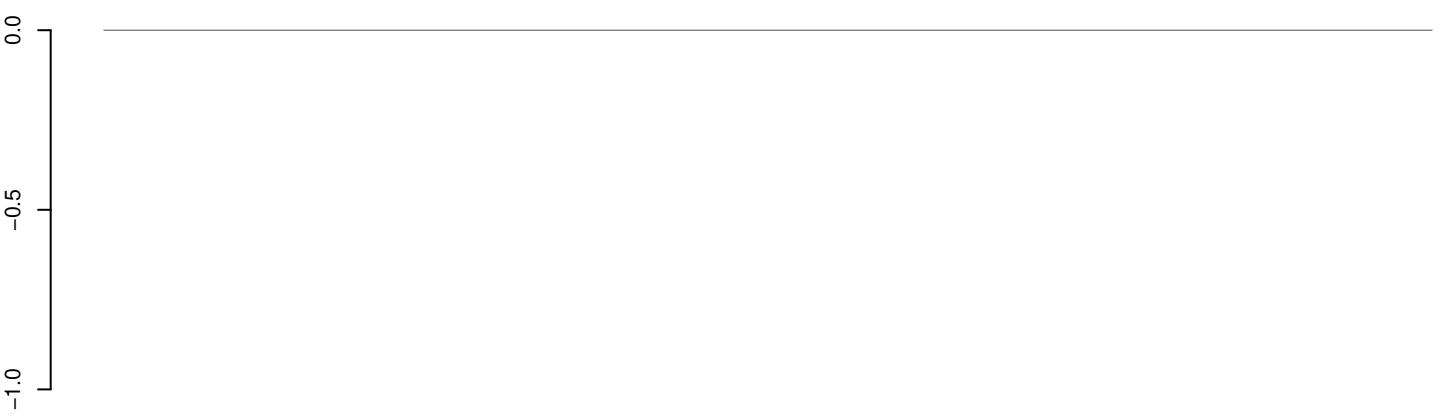
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



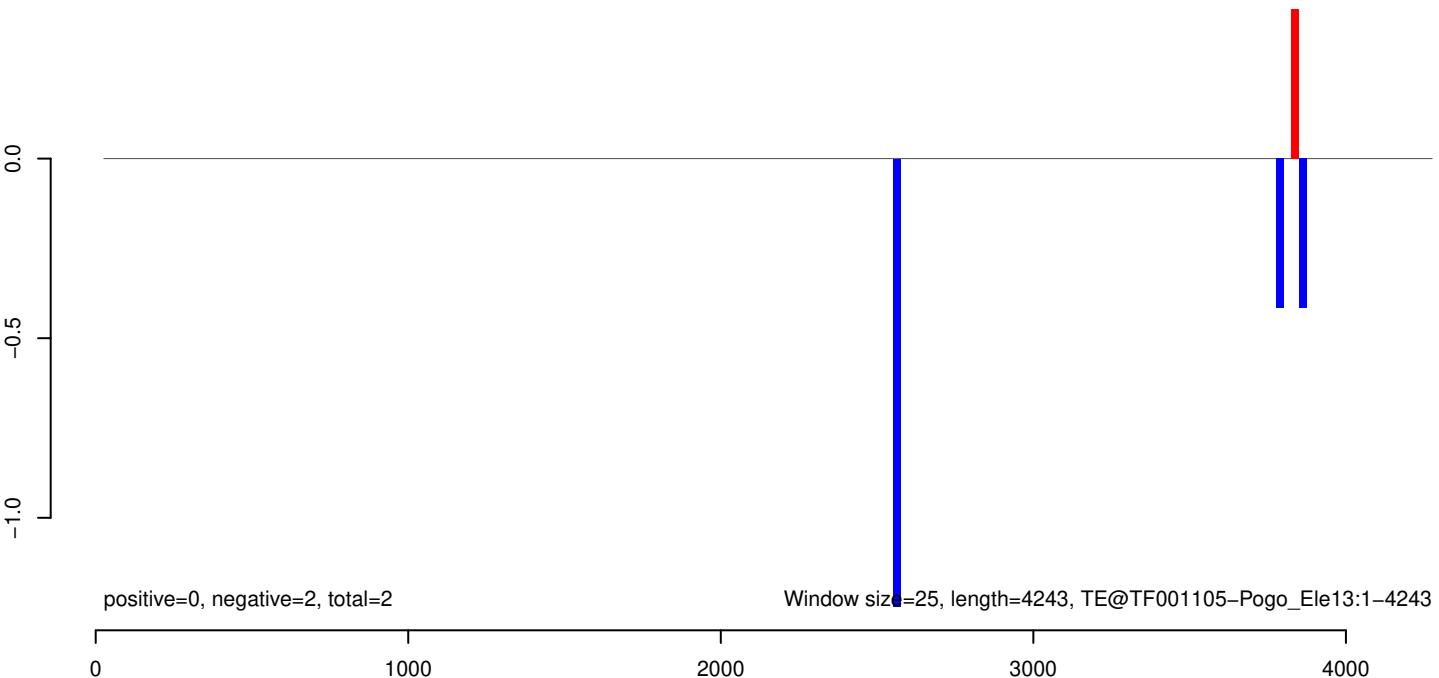
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



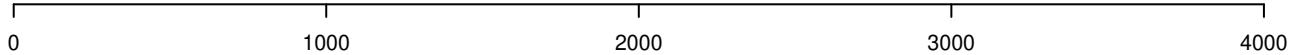
positive=0, negative=2, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

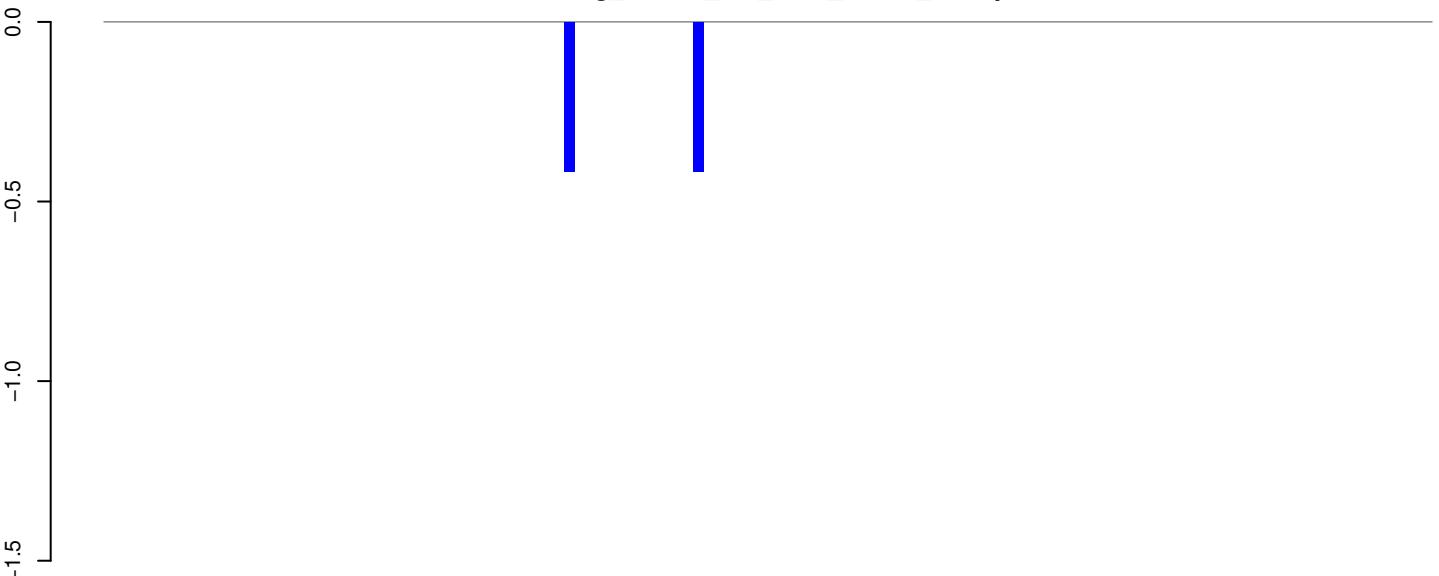


positive=0, negative=2, total=2

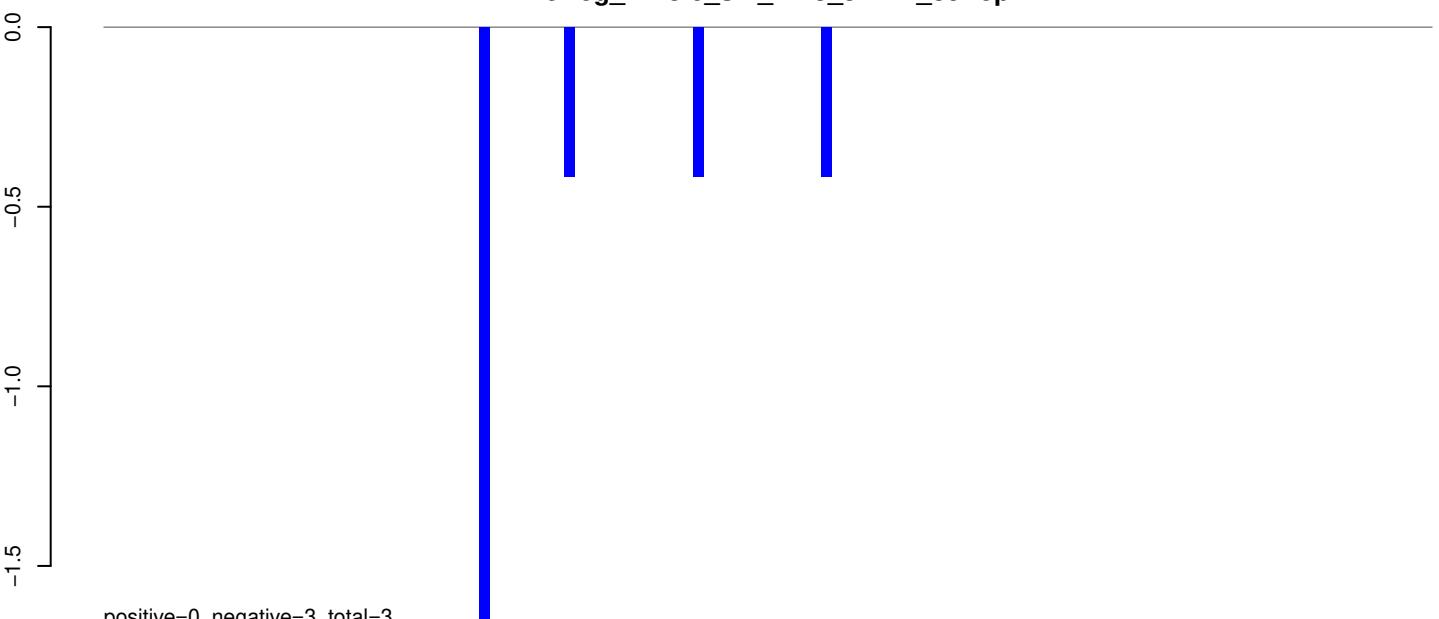
Window size=25, length=4243, TE@TF001105-Pogo\_Ele13:1-4243



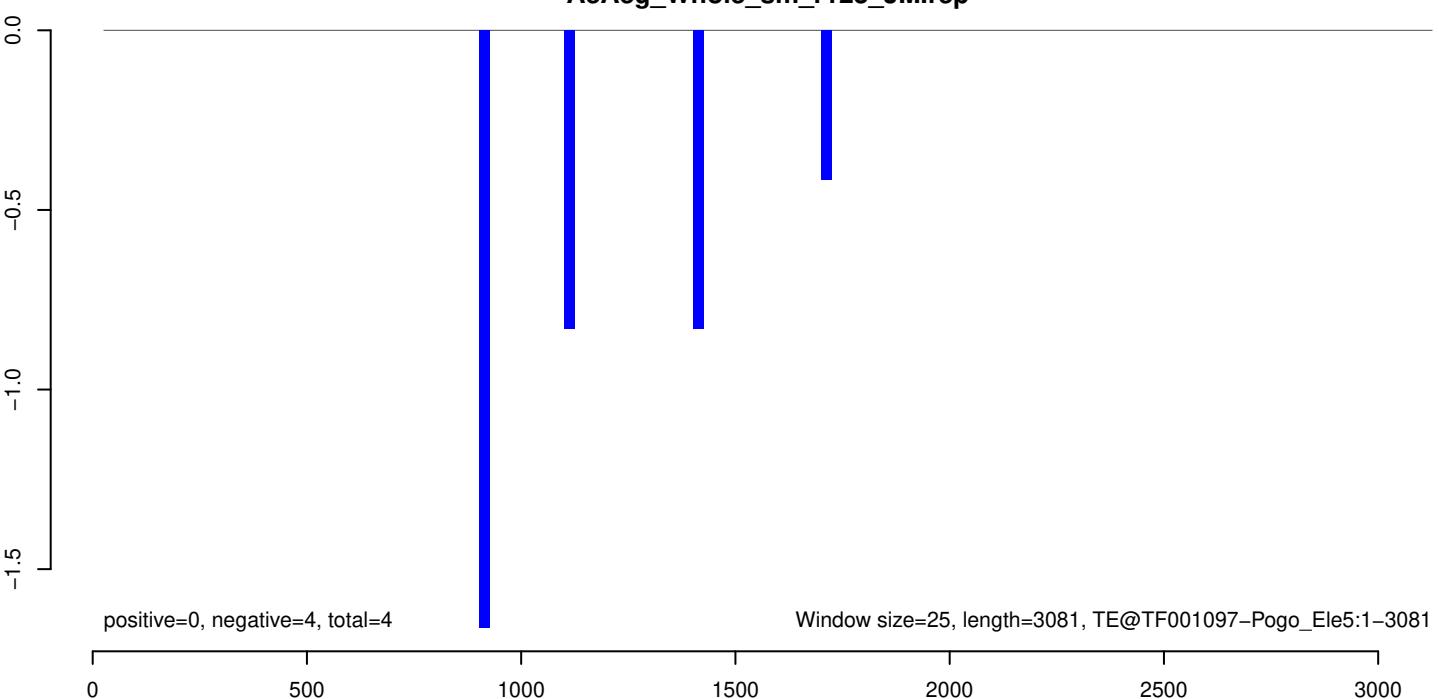
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



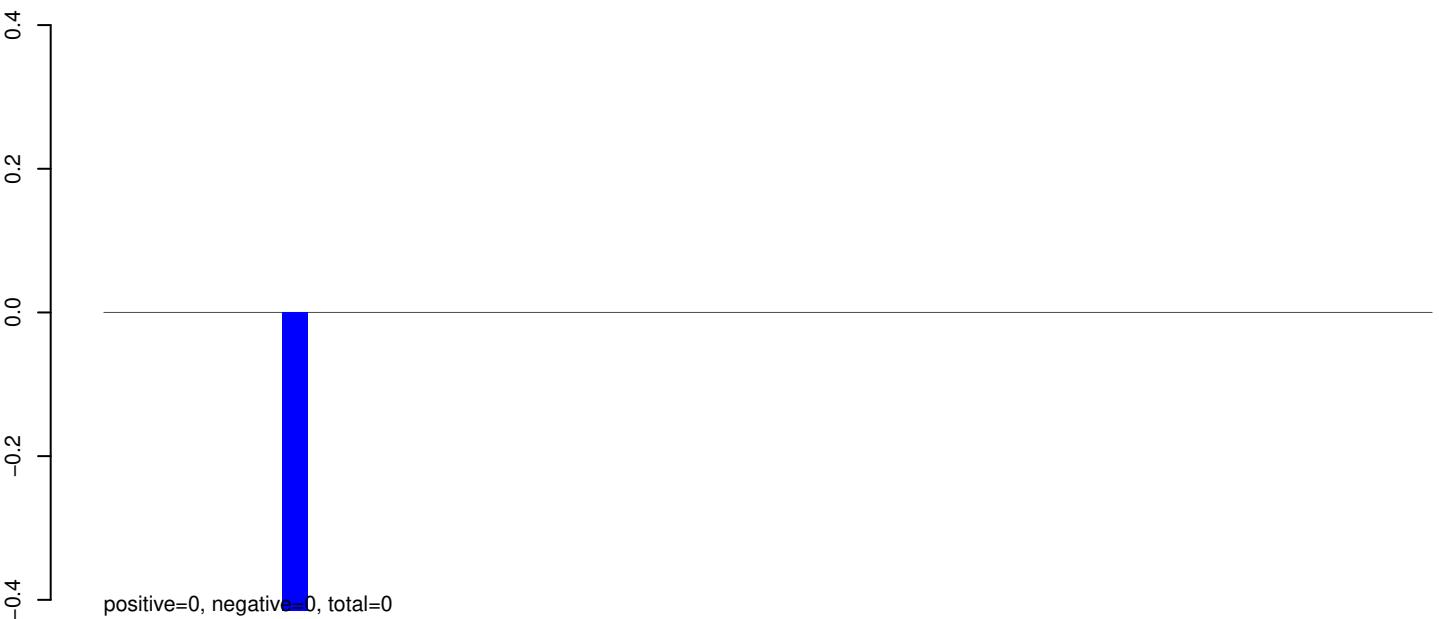
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



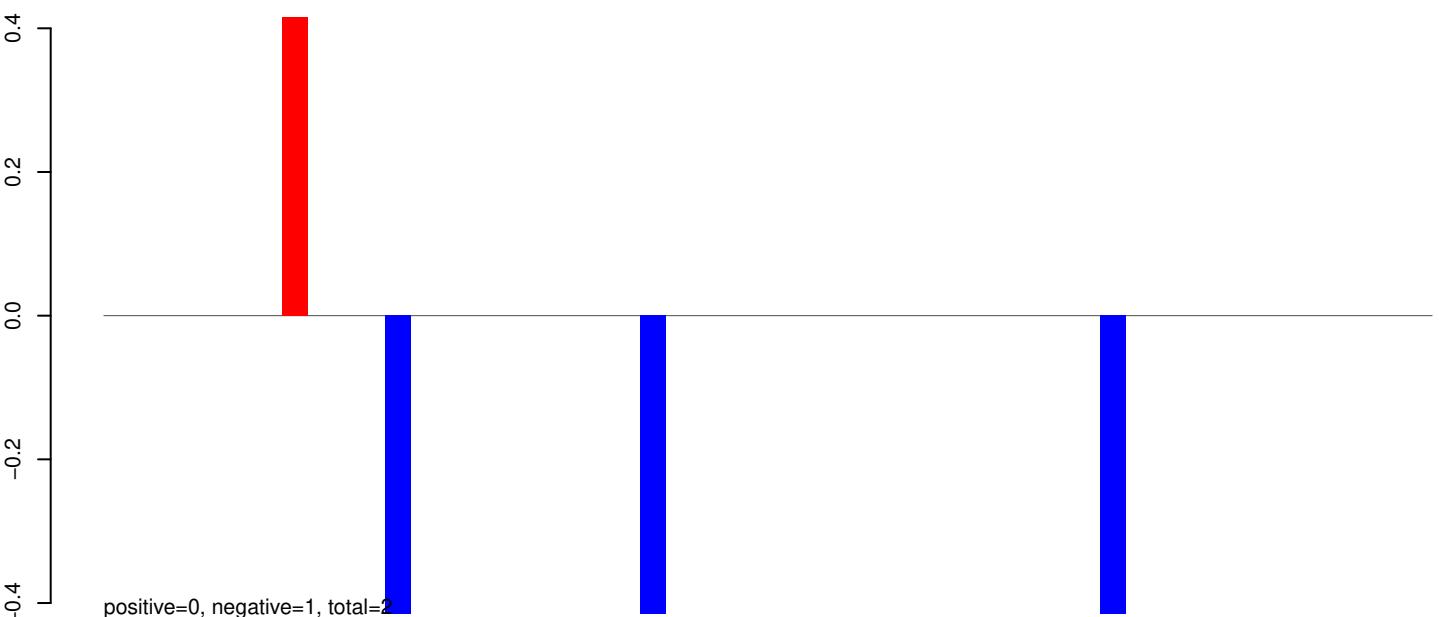
### AeAeg\_Whole\_sm\_r123\_JM.rep



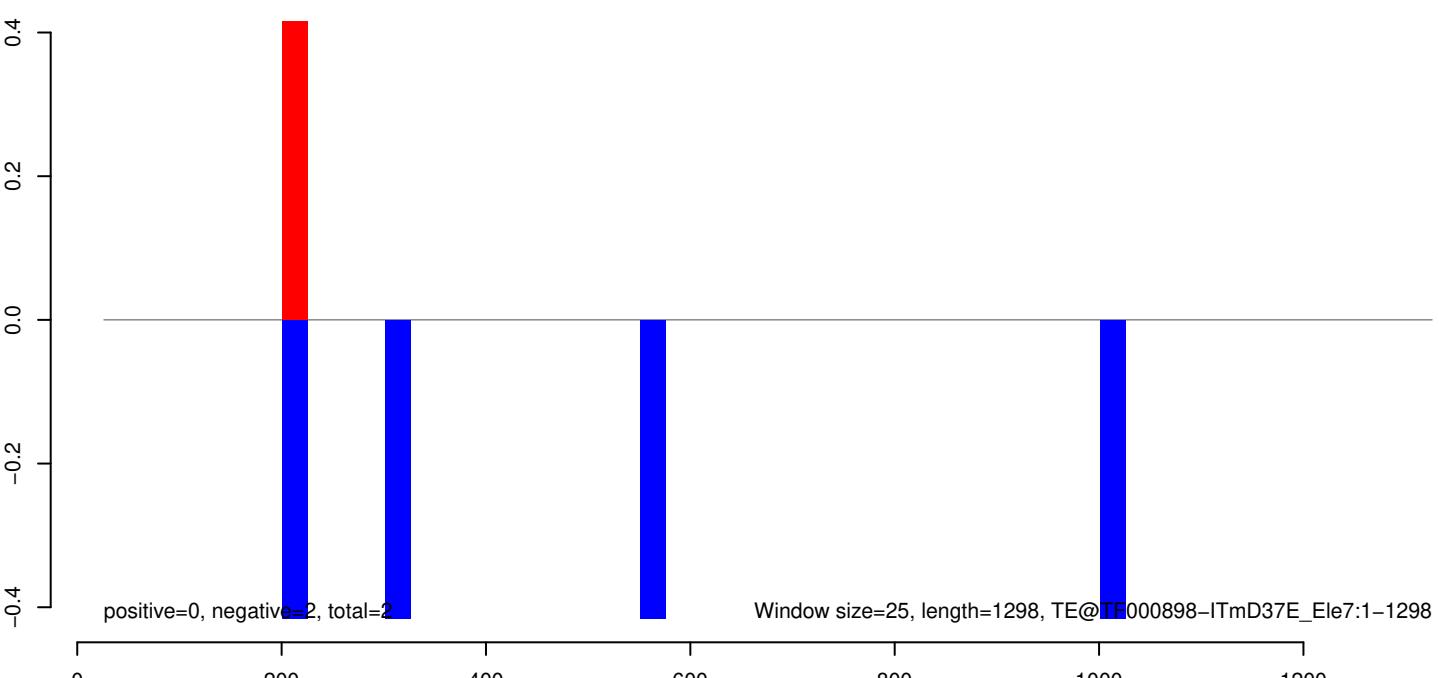
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



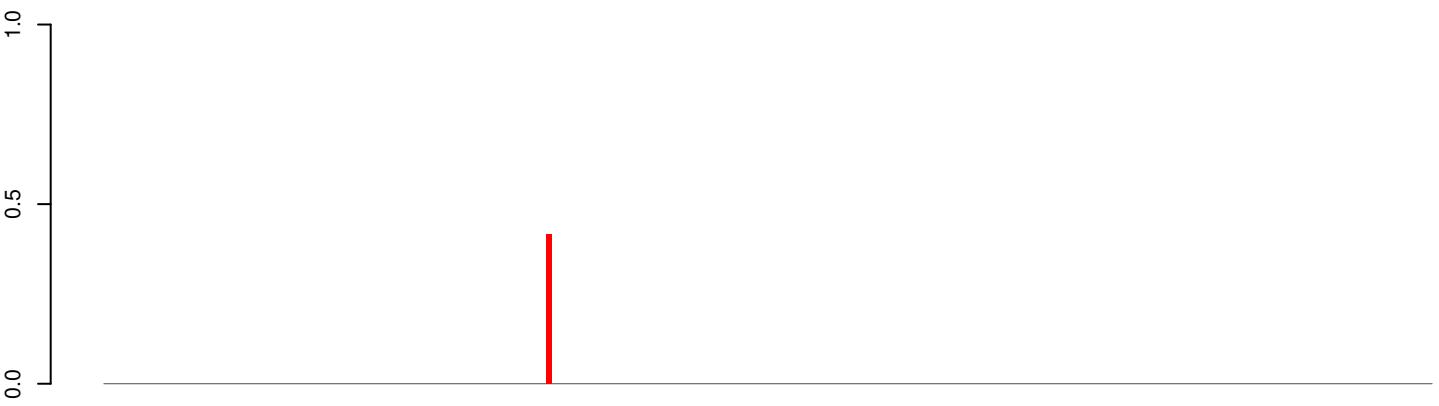
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



AeAeg\_Whole\_sm\_r123\_JM.rep

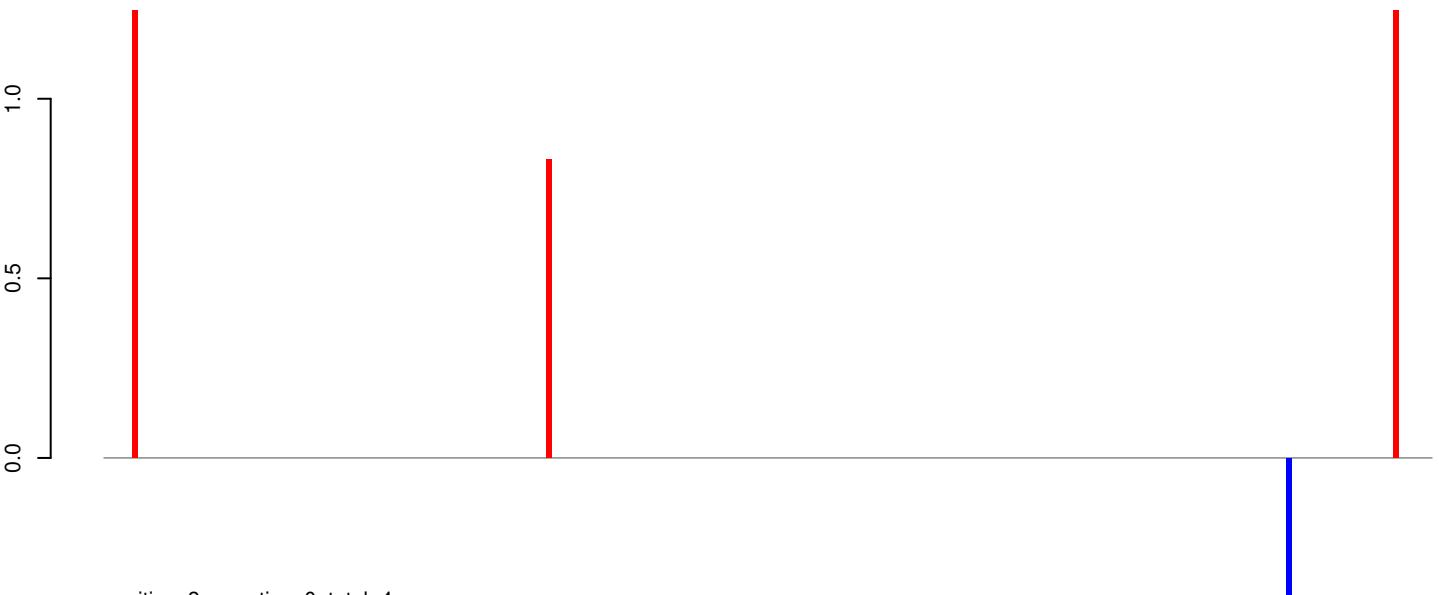


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



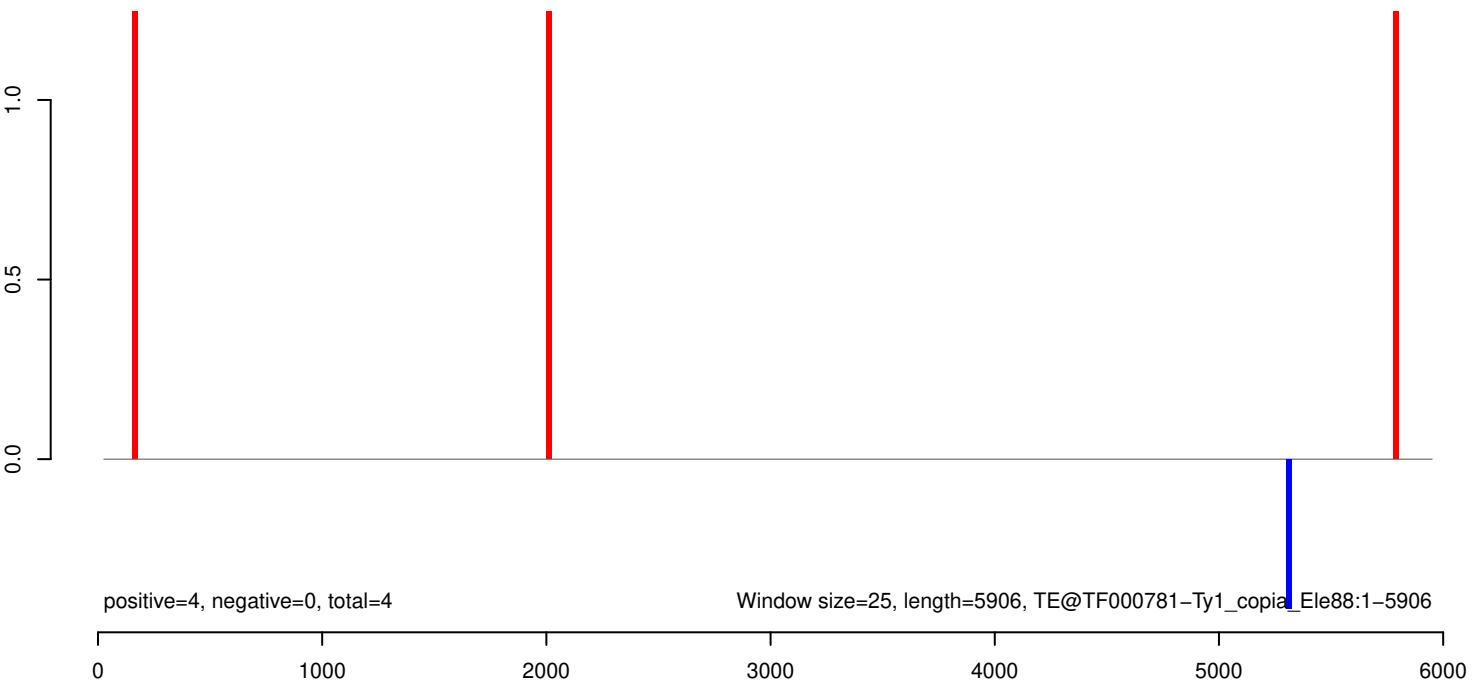
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=3, negative=0, total=4

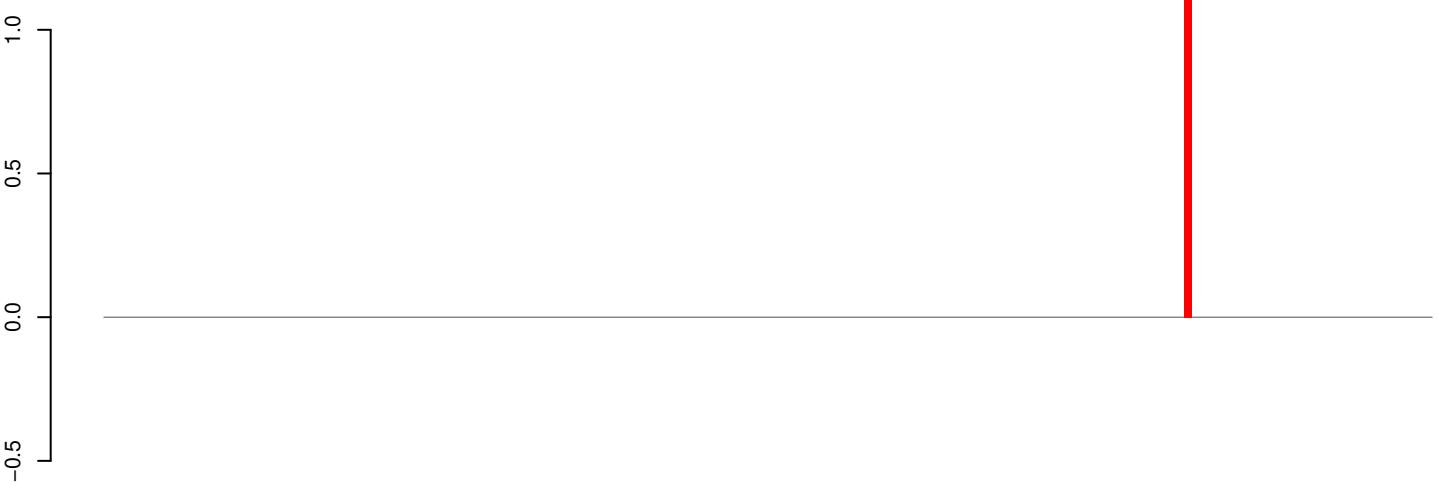
**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=4, negative=0, total=4

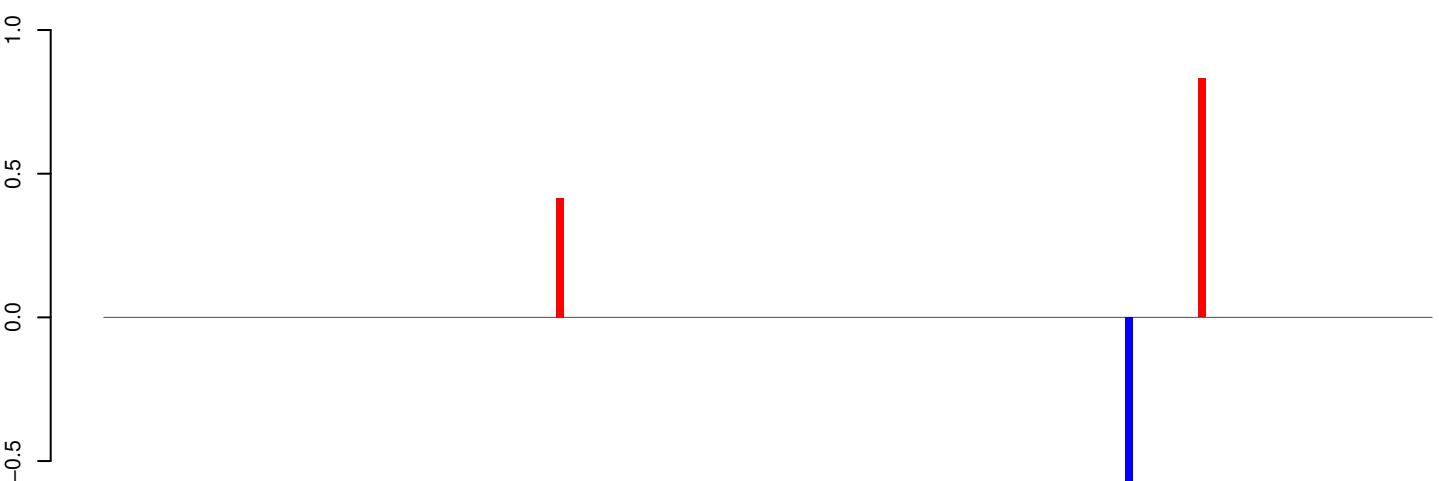
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**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



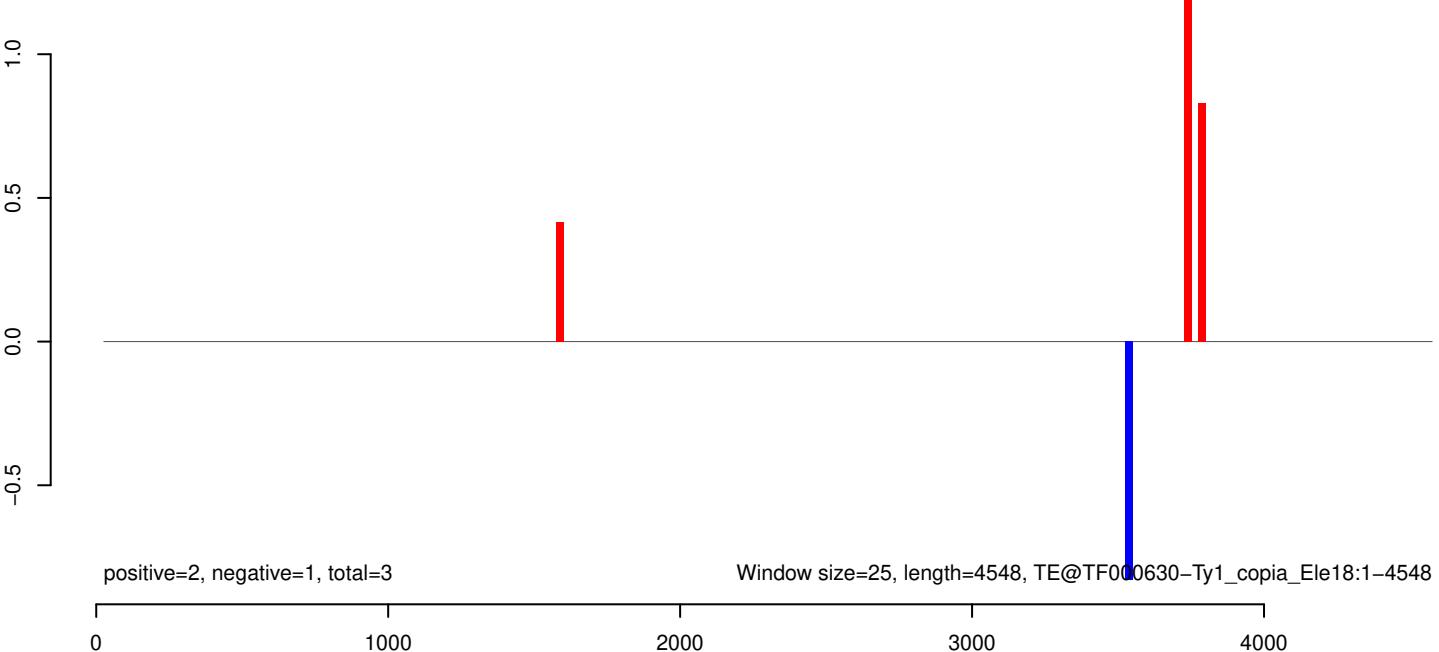
positive=1, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=1, total=2

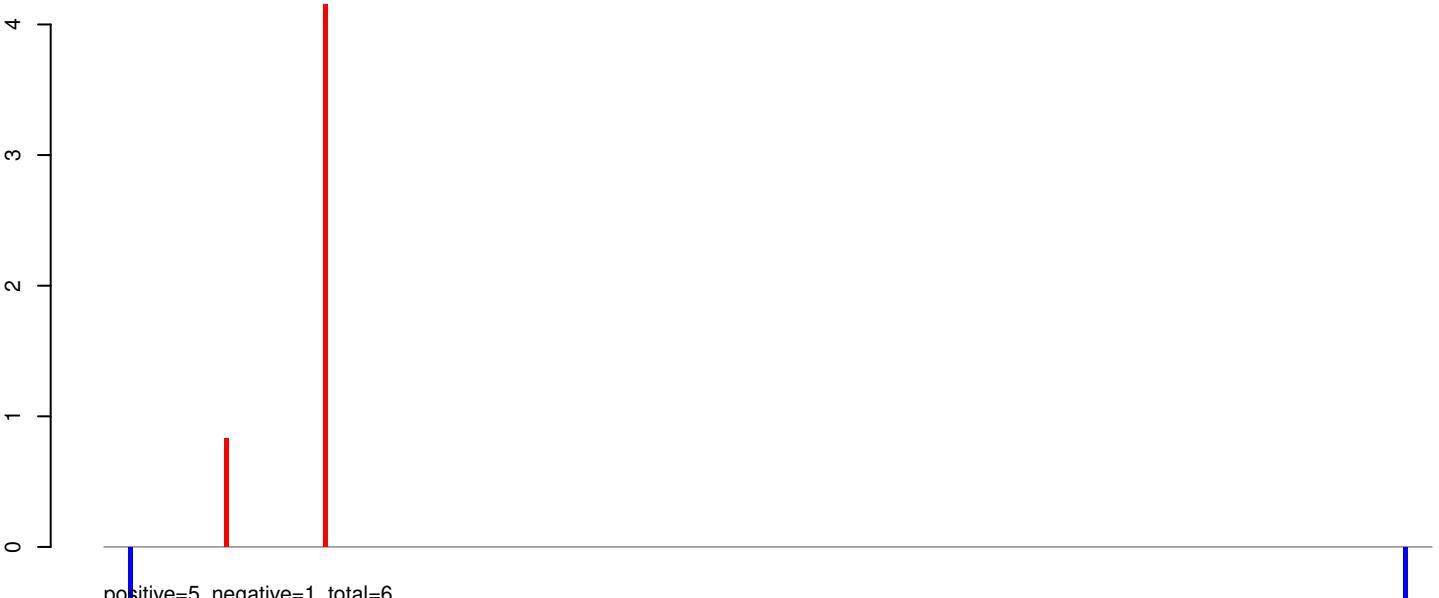
**AeAeg\_Whole\_sm\_r123\_JM.rep**



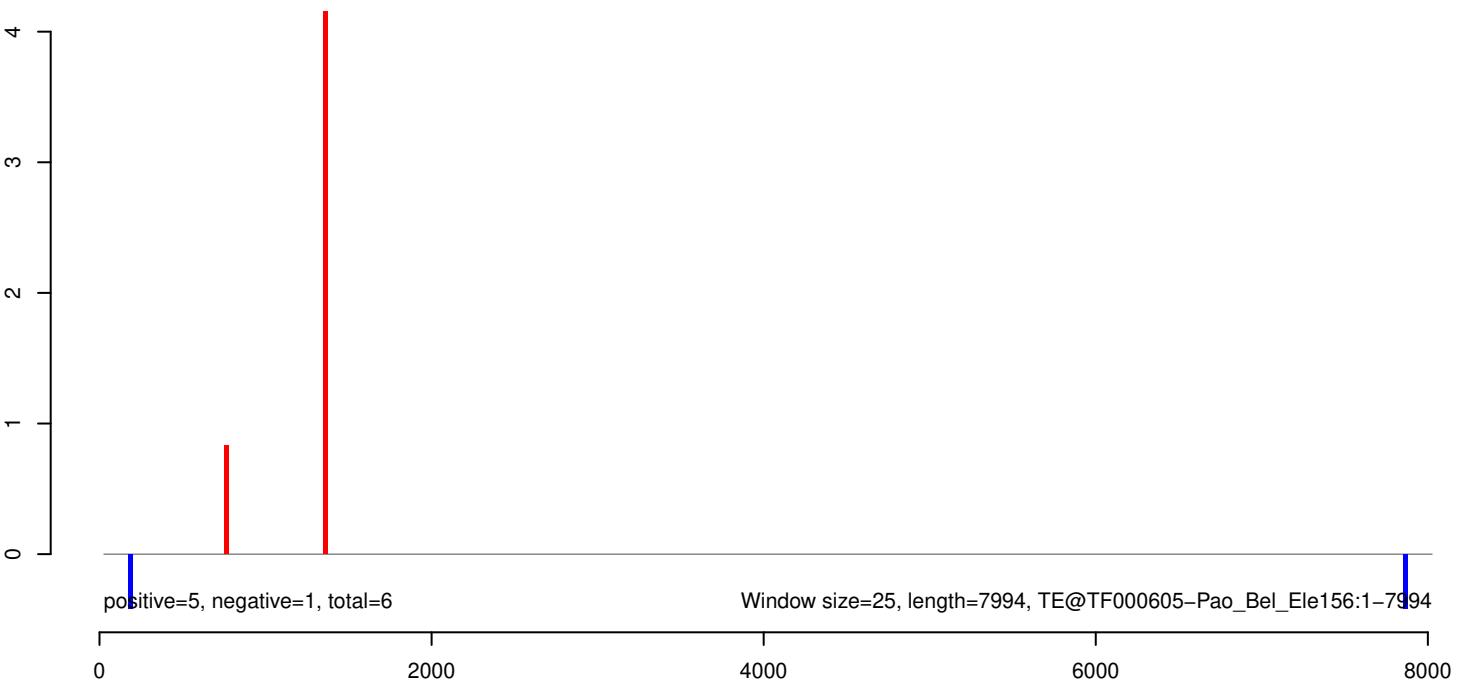
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



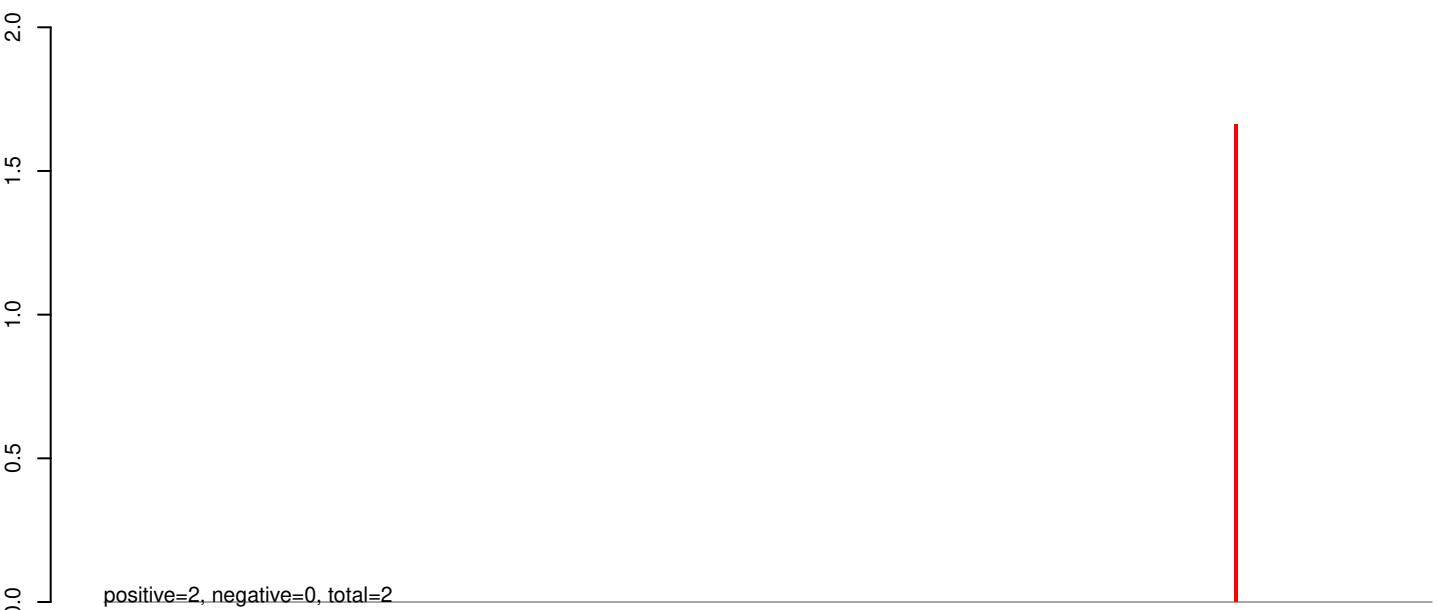
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



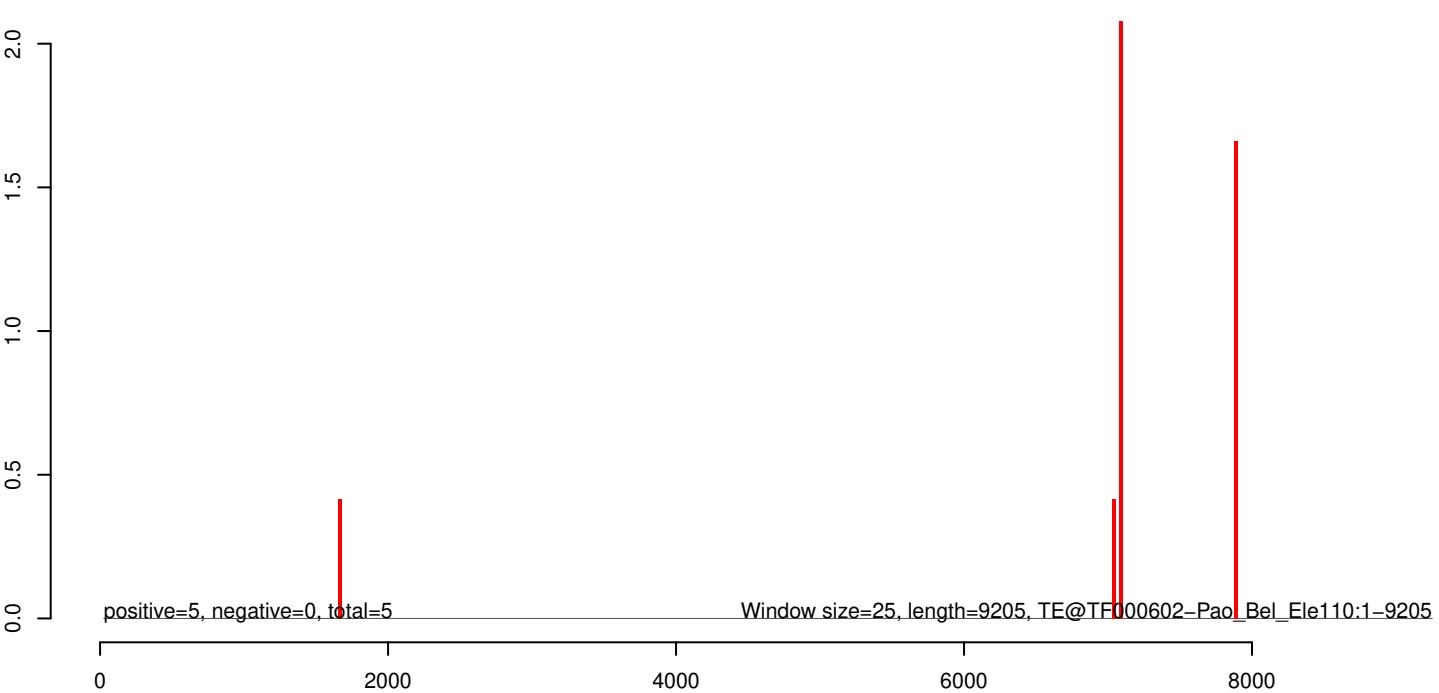
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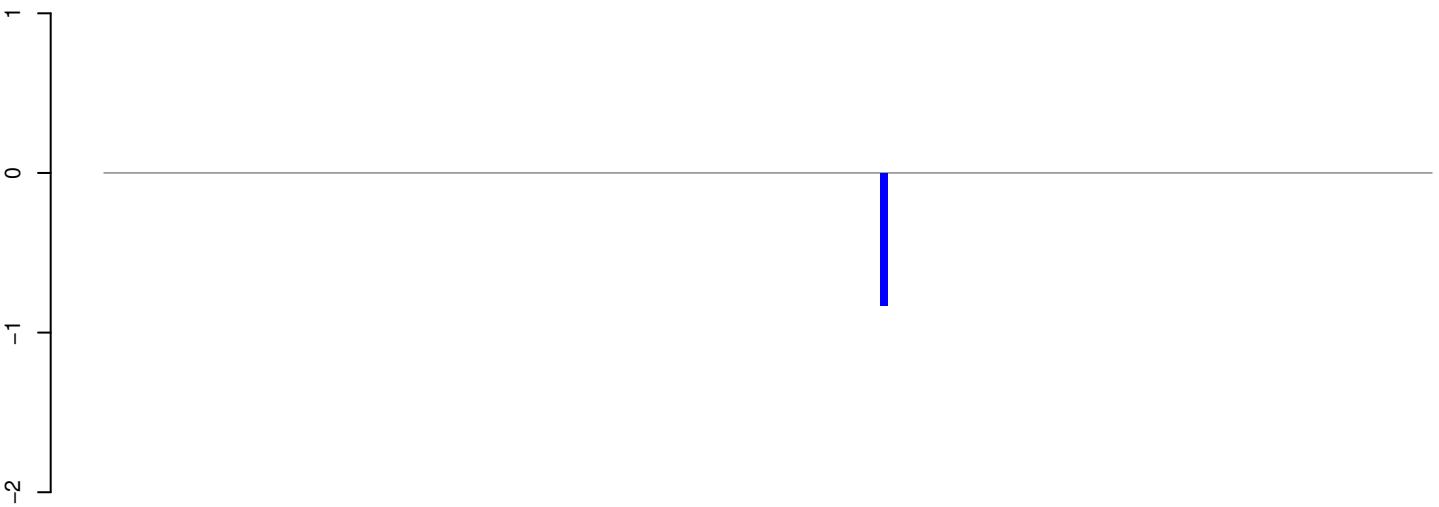
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

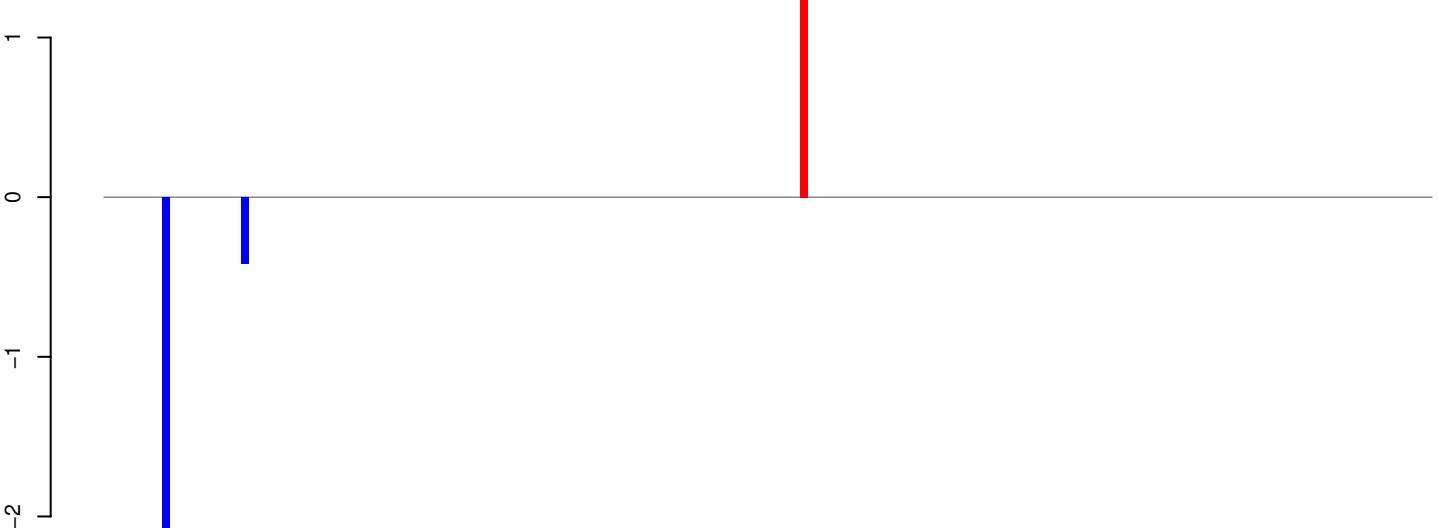


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



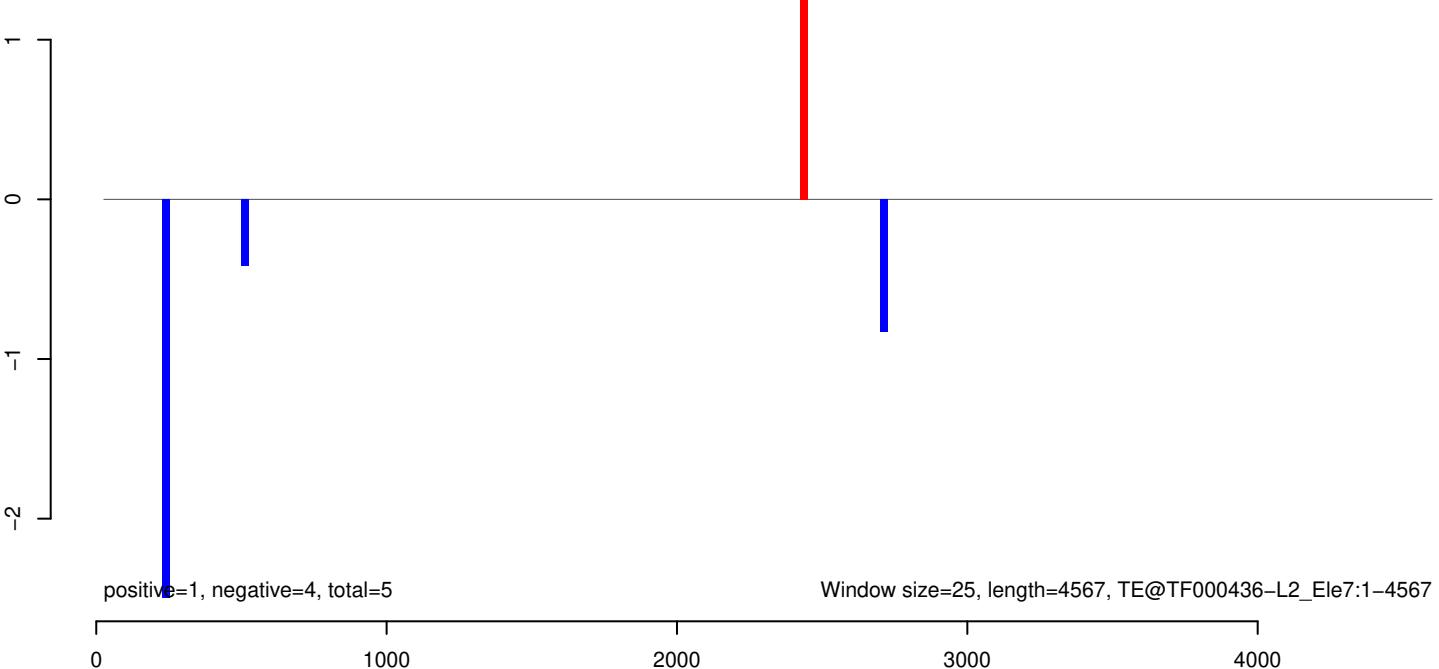
positive=0, negative=1, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=3, total=4

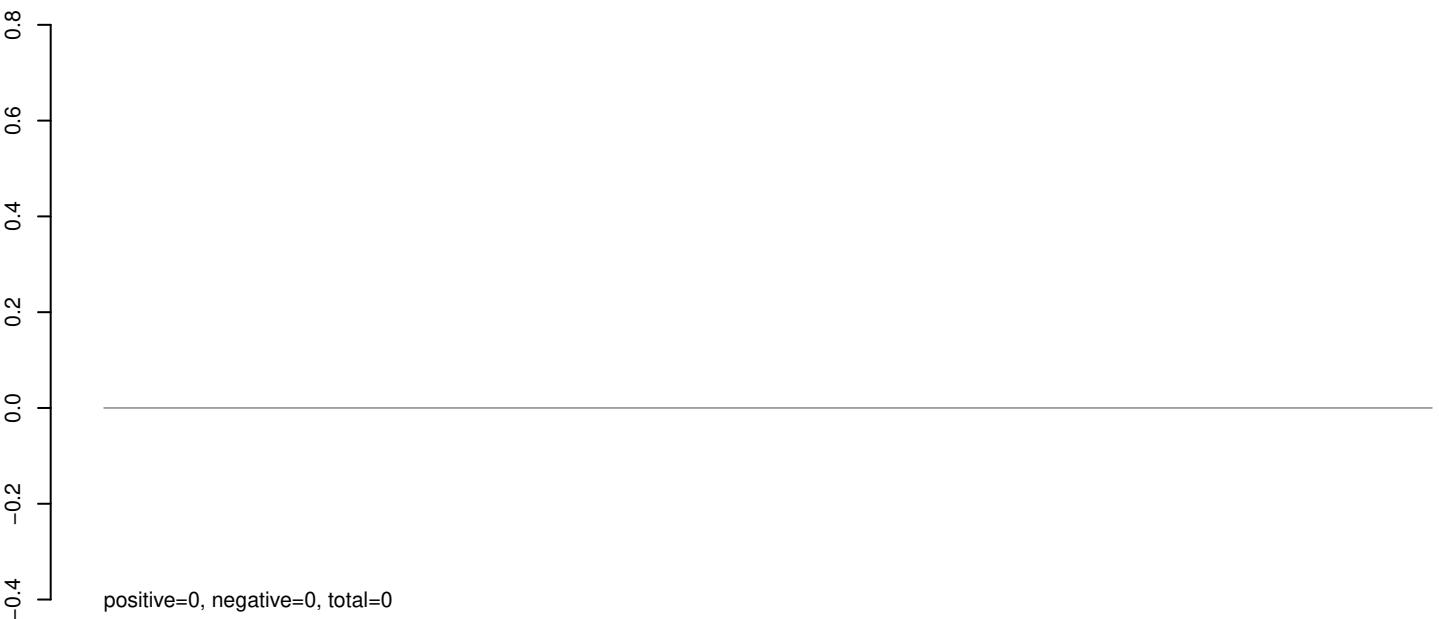
**AeAeg\_Whole\_sm\_r123\_JM.rep**



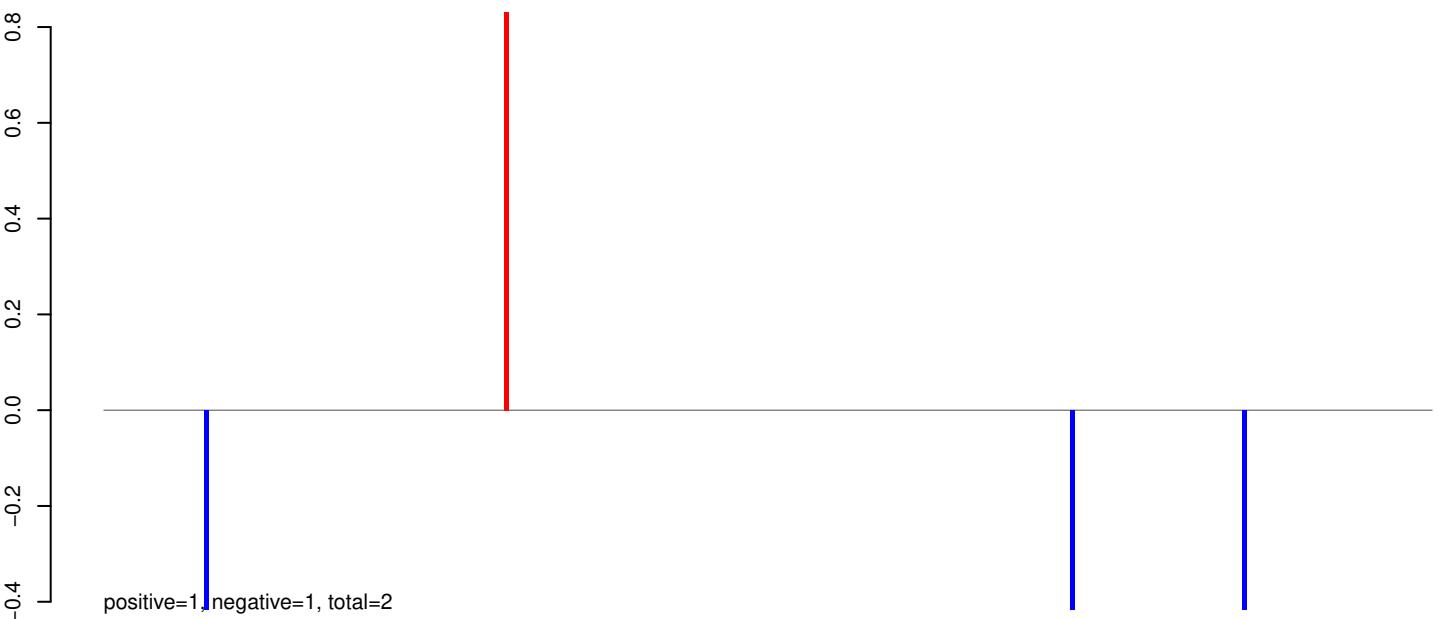
positive=1, negative=4, total=5

Window size=25, length=4567, TE@TF000436-L2\_Ele7:1-4567

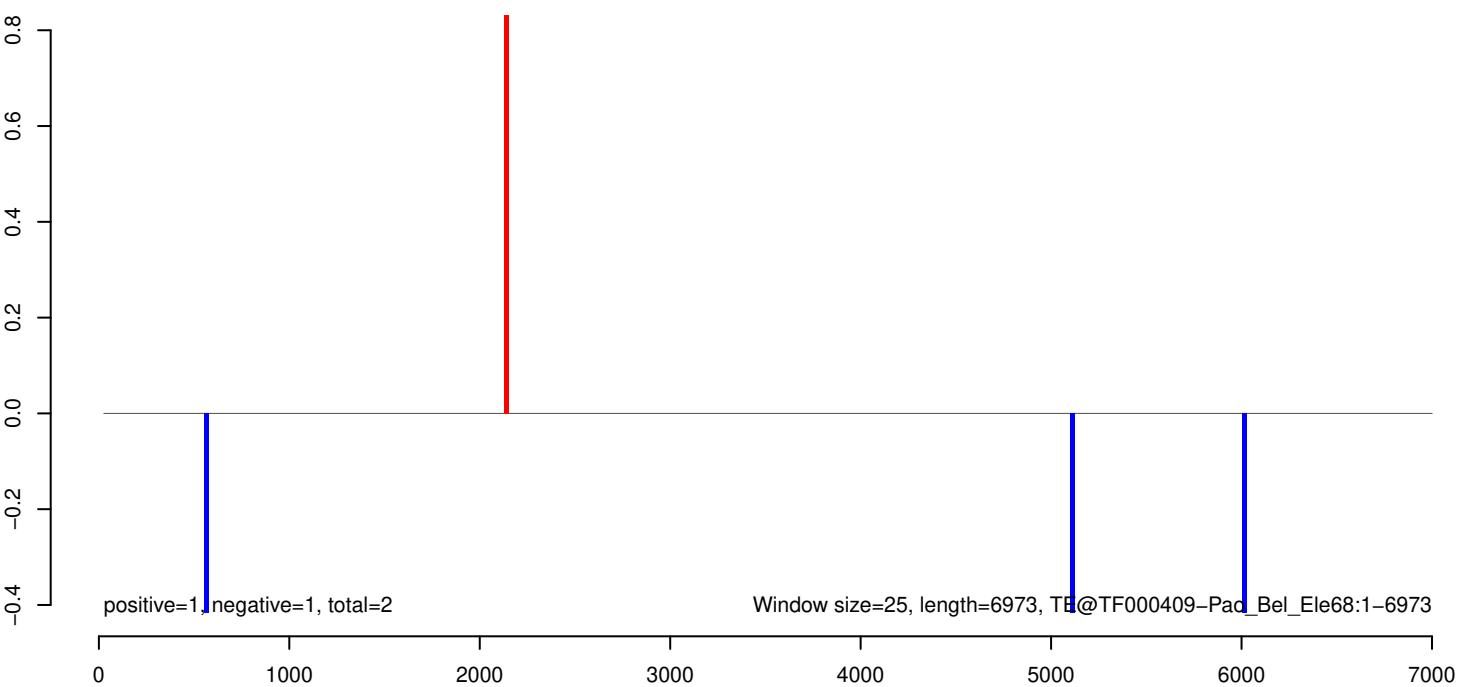
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



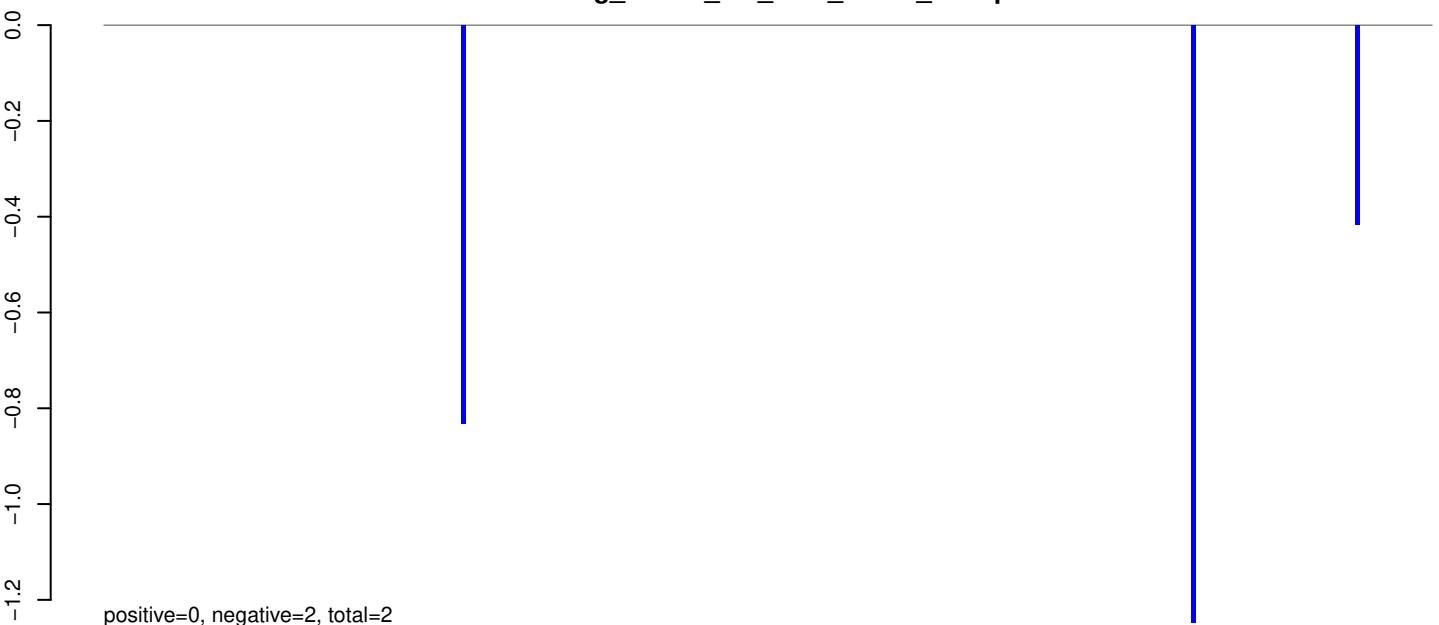
### AeAeg\_Whole\_sm\_r123\_JM.rep



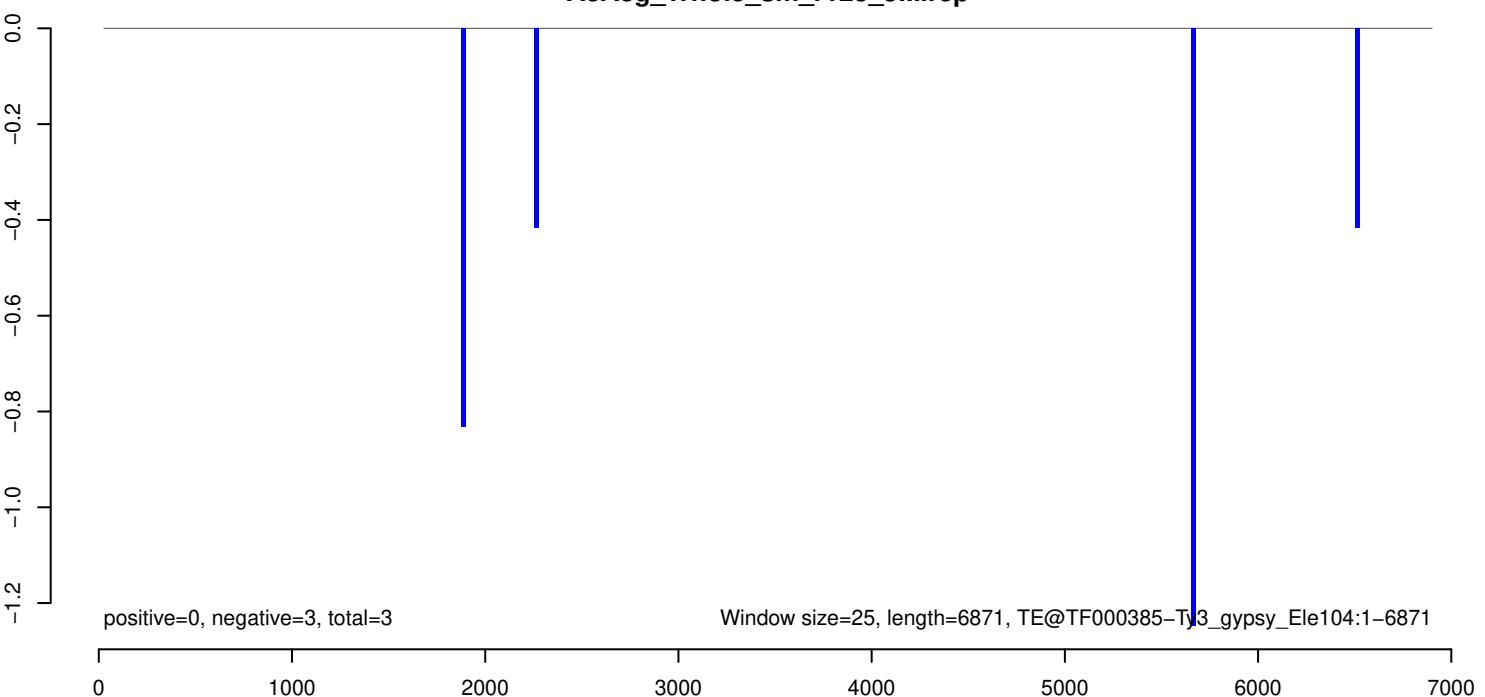
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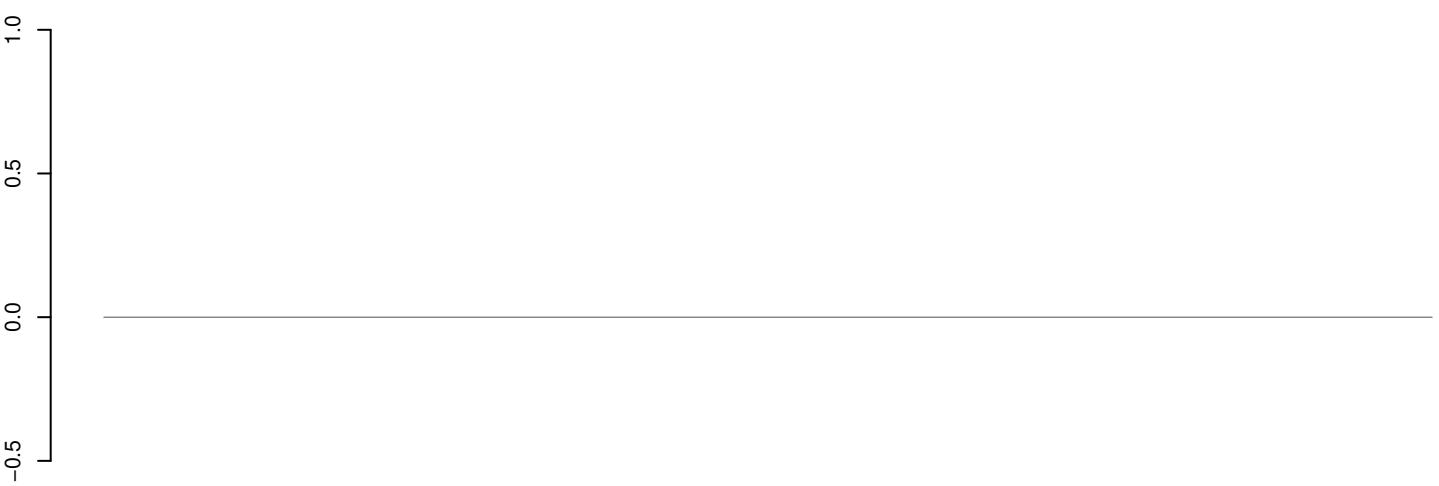
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

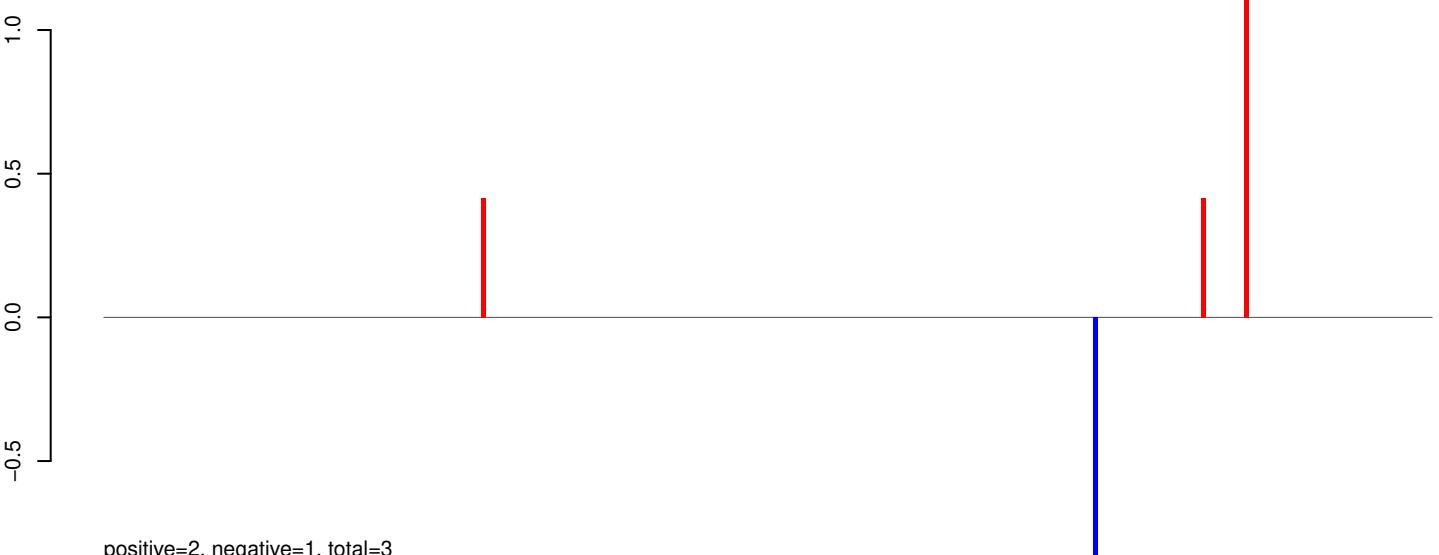


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



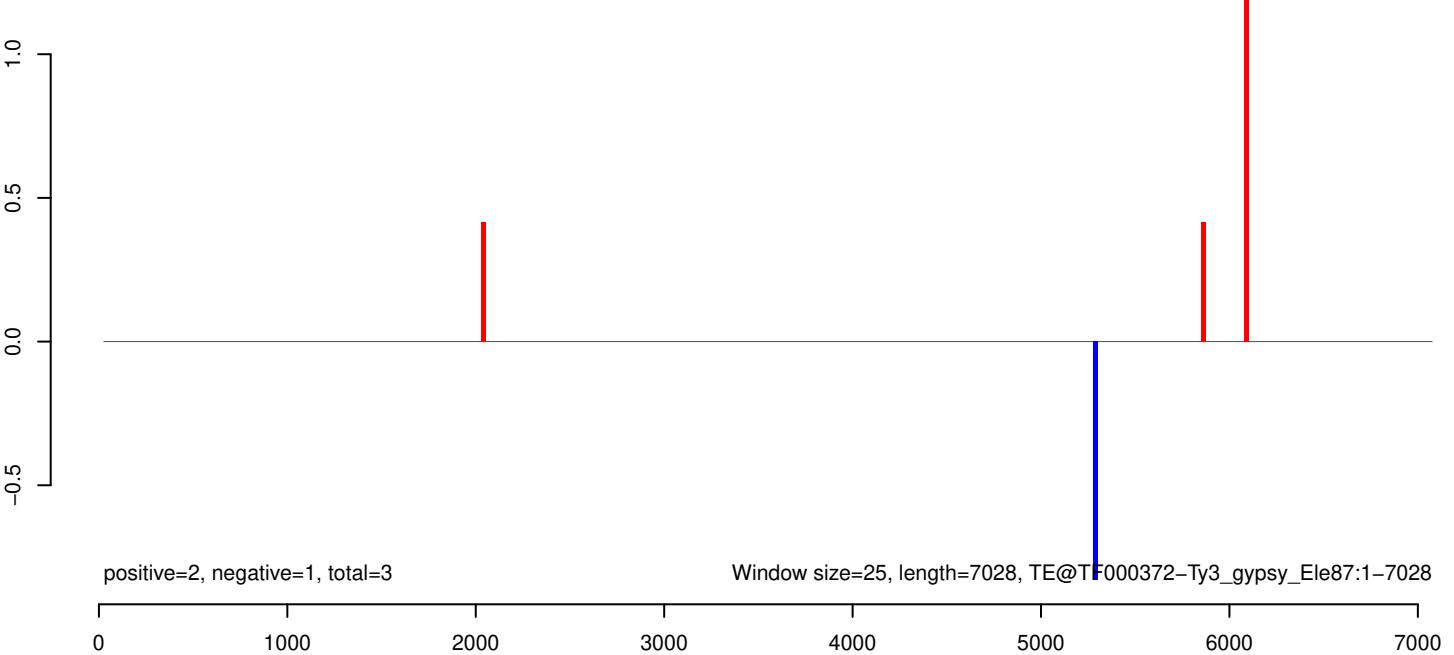
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=1, total=3

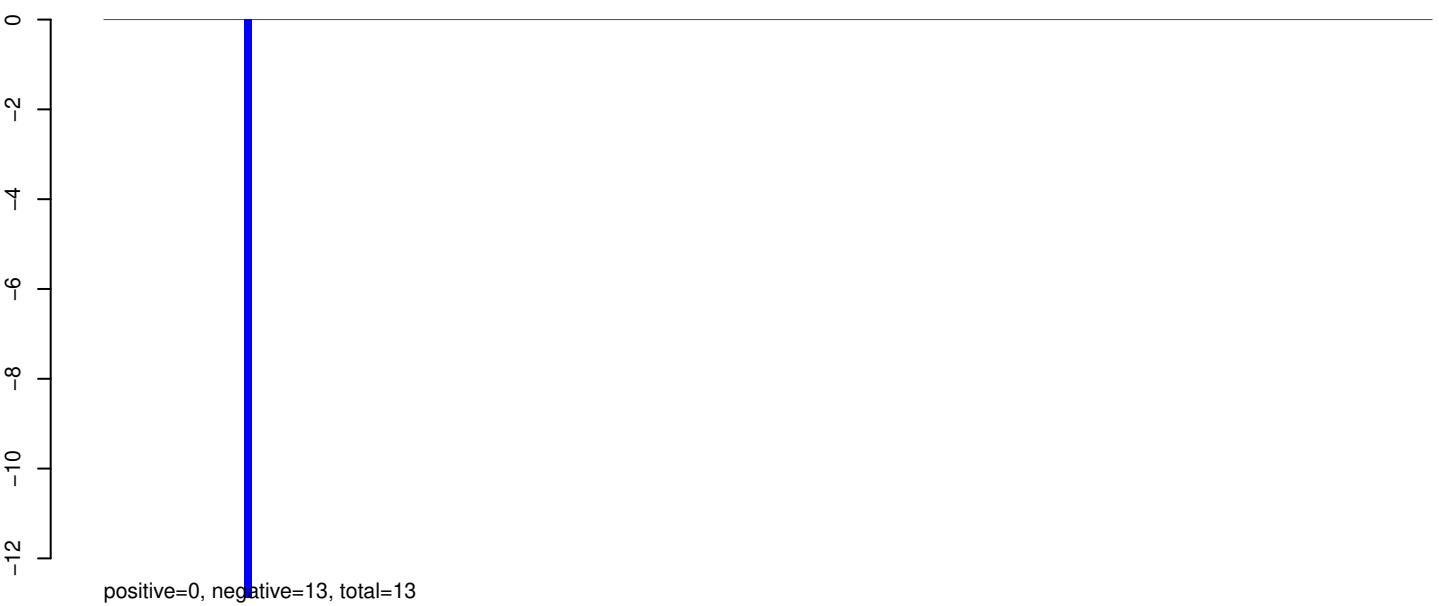
**AeAeg\_Whole\_sm\_r123\_JM.rep**



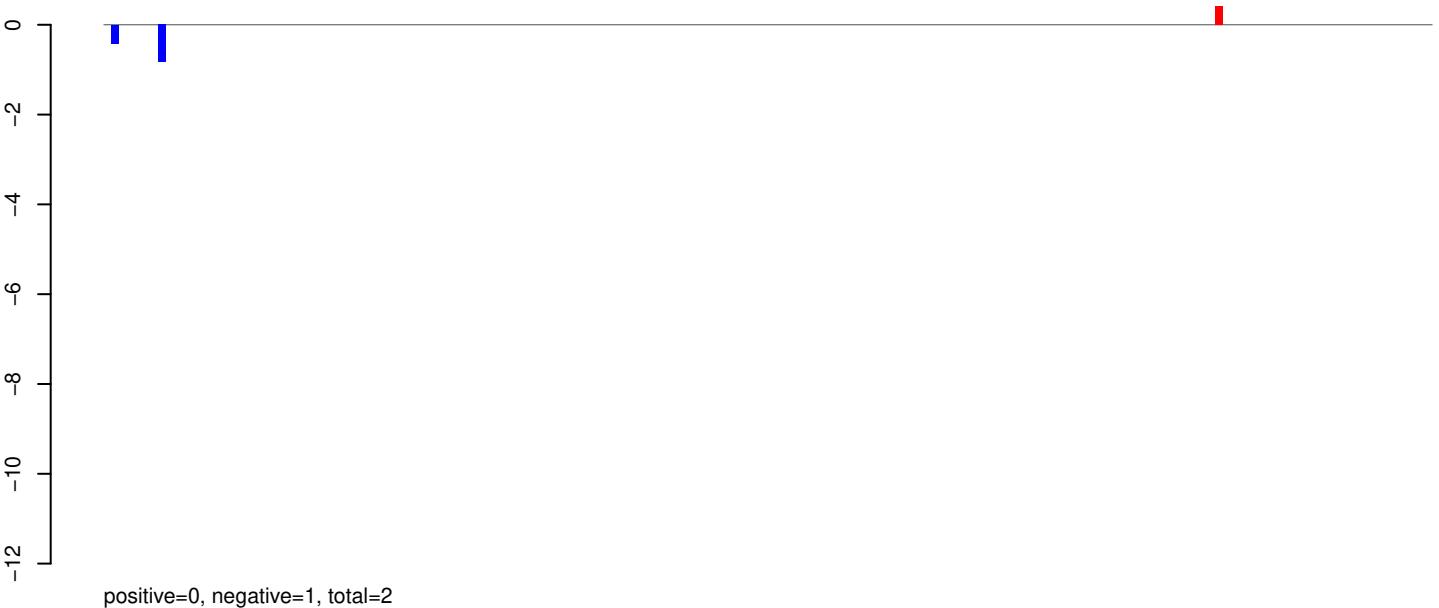
positive=2, negative=1, total=3

Window size=25, length=7028, TE@TF000372-Ty3\_gypsy\_Ele87:1-7028

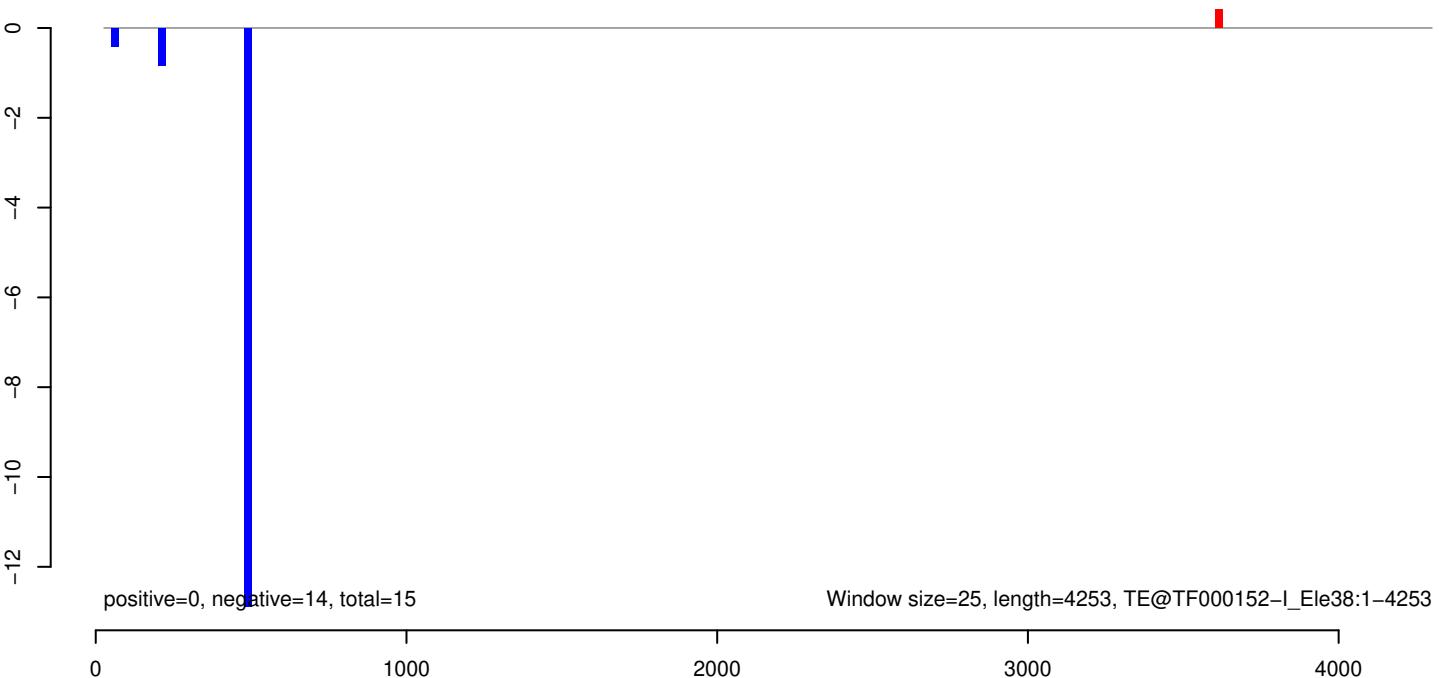
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



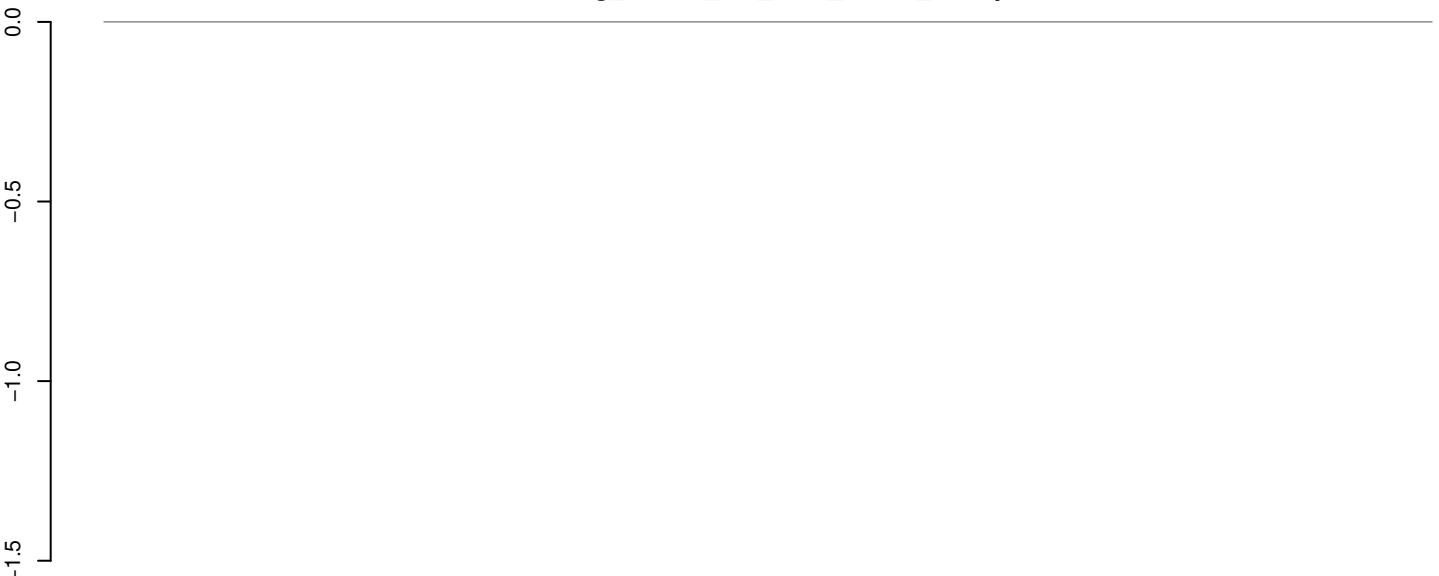
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



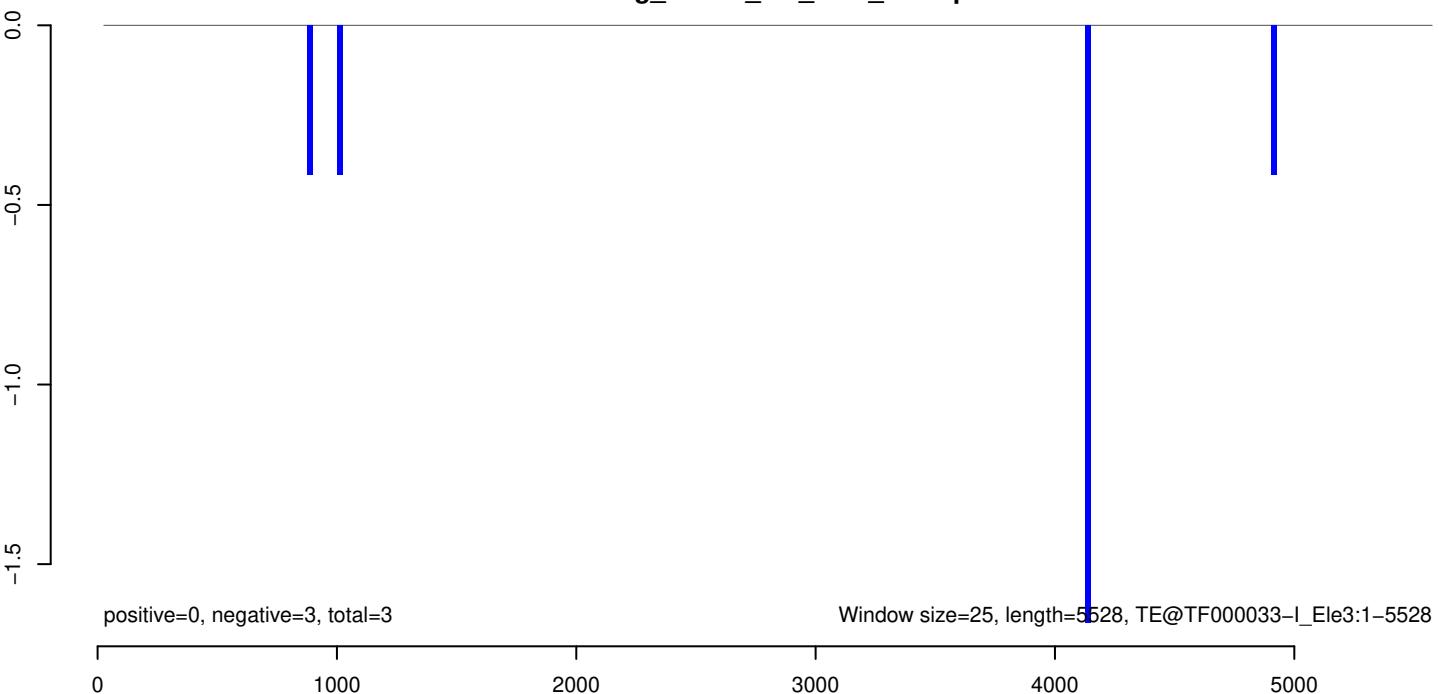
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=3, total=3

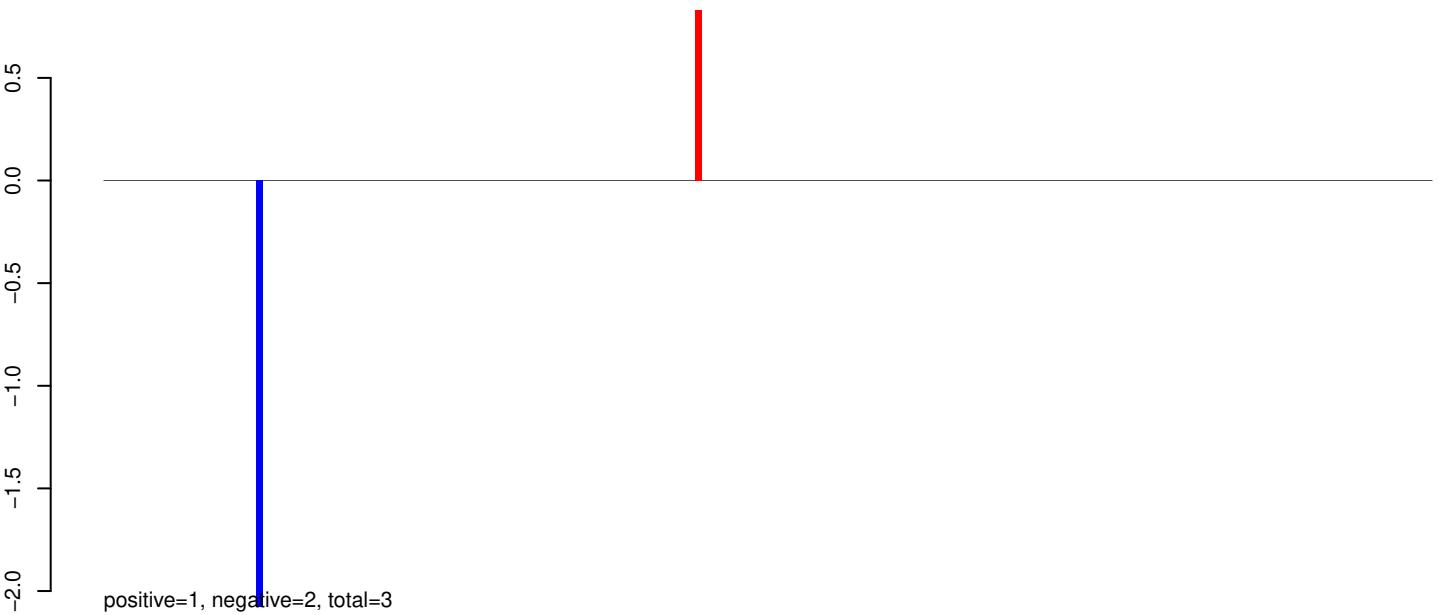
### AeAeg\_Whole\_sm\_r123\_JM.rep



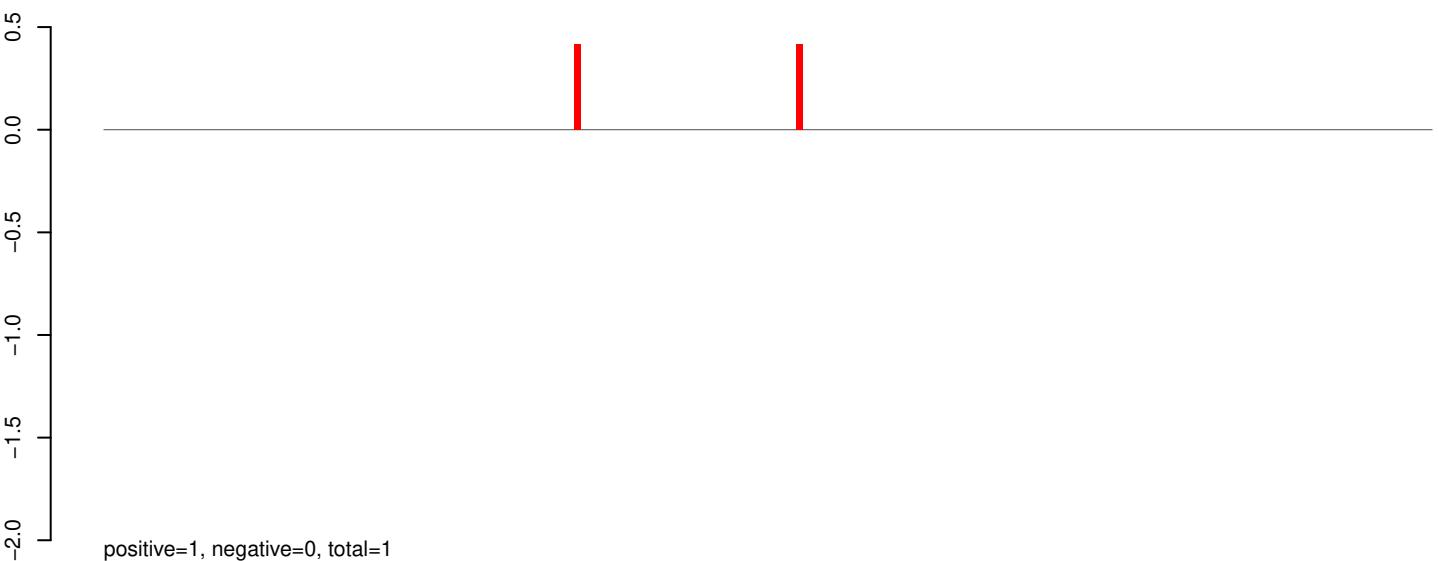
positive=0, negative=3, total=3

Window size=25, length=5528, TE@TF000033-l\_Ele3:1-5528

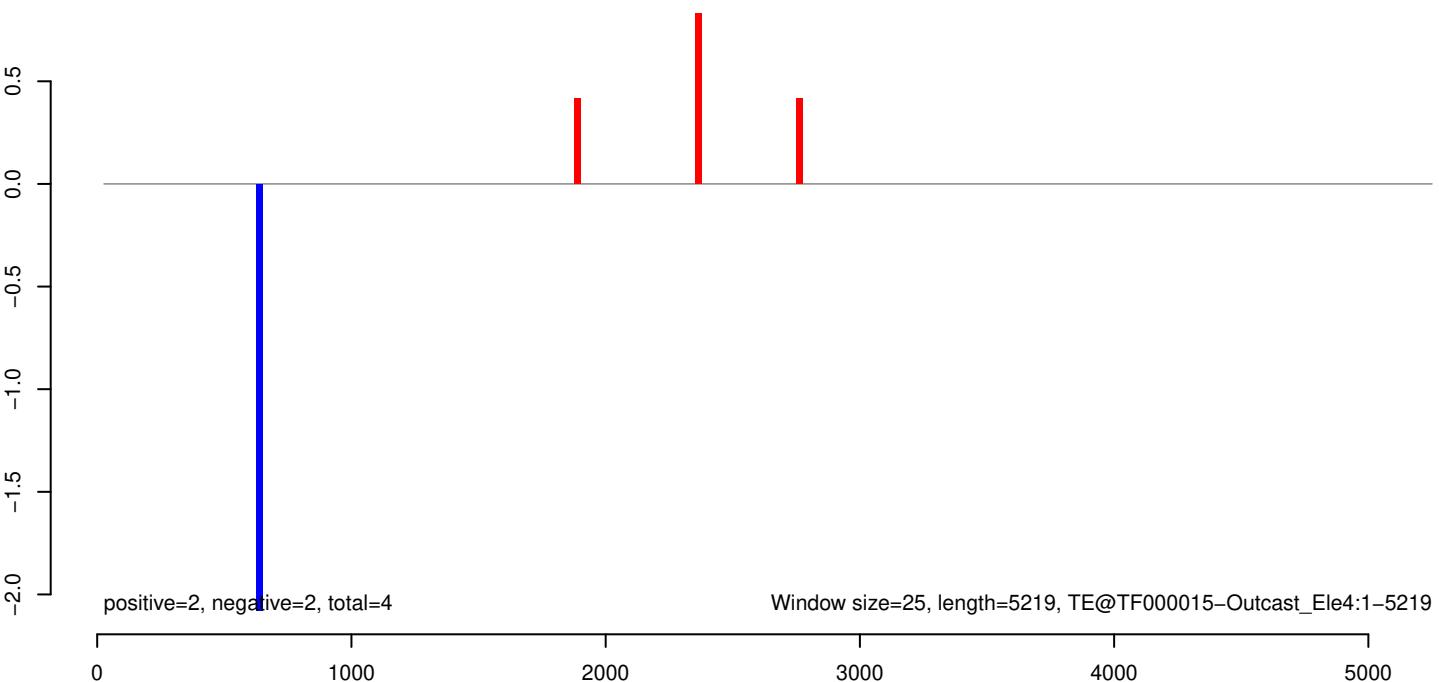
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



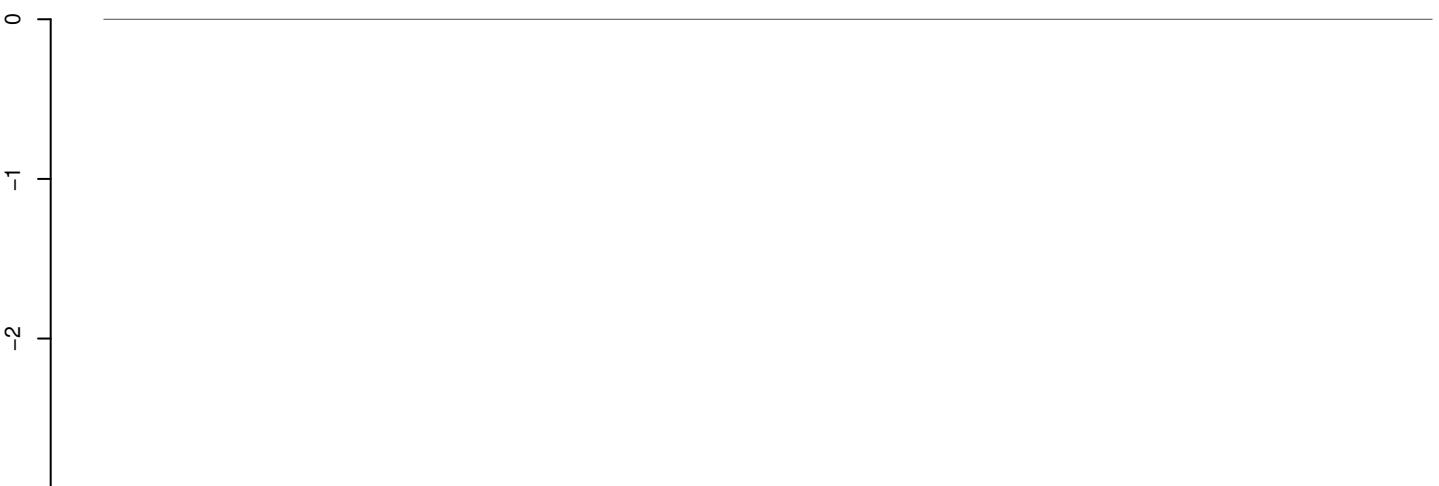
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

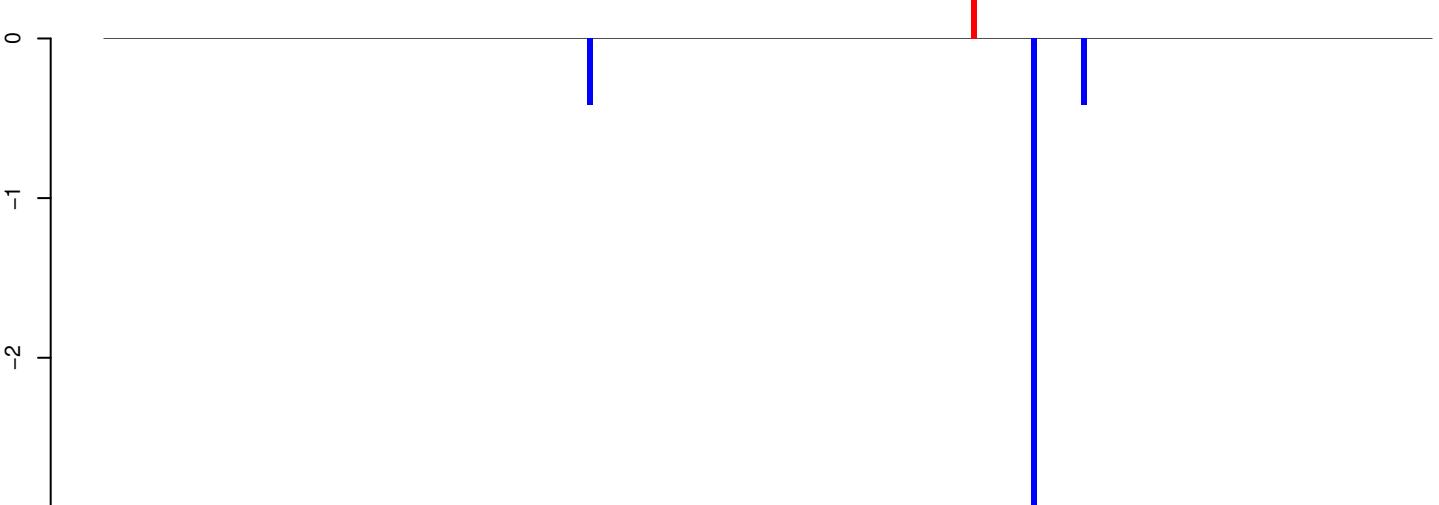


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



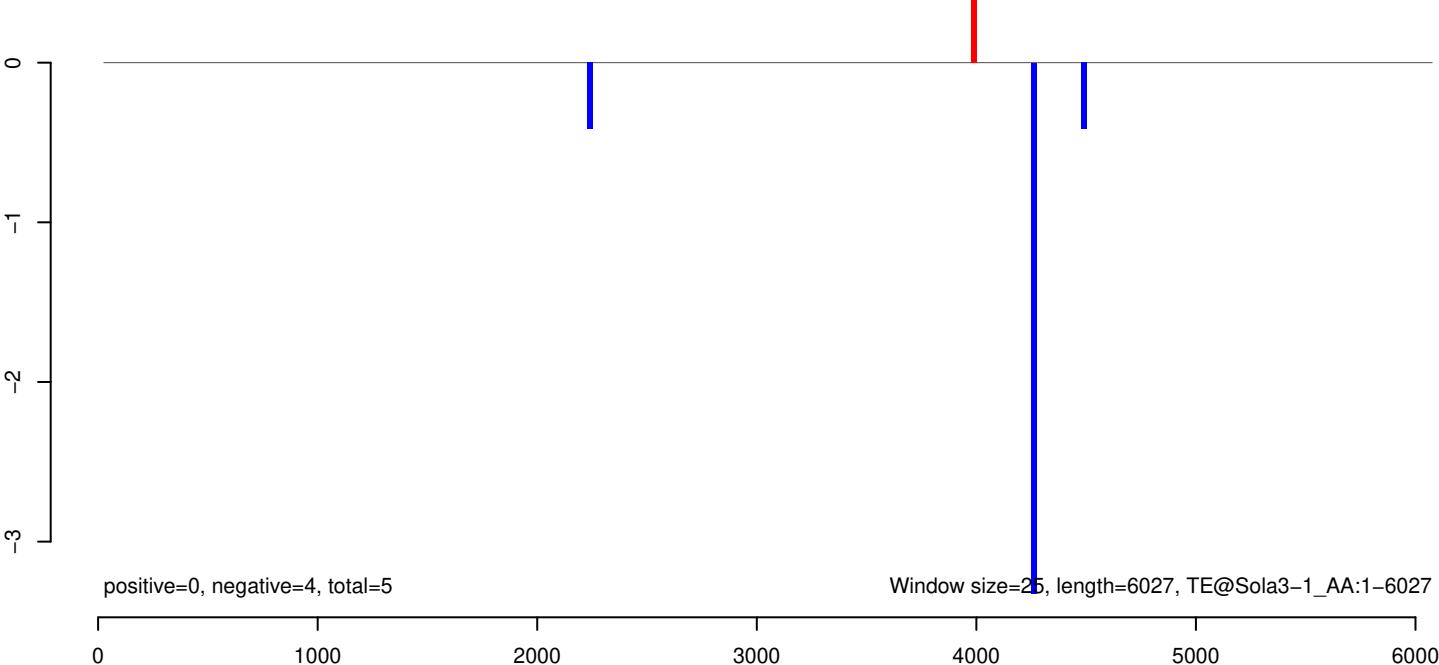
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=4, total=5

**AeAeg\_Whole\_sm\_r123\_JM.rep**

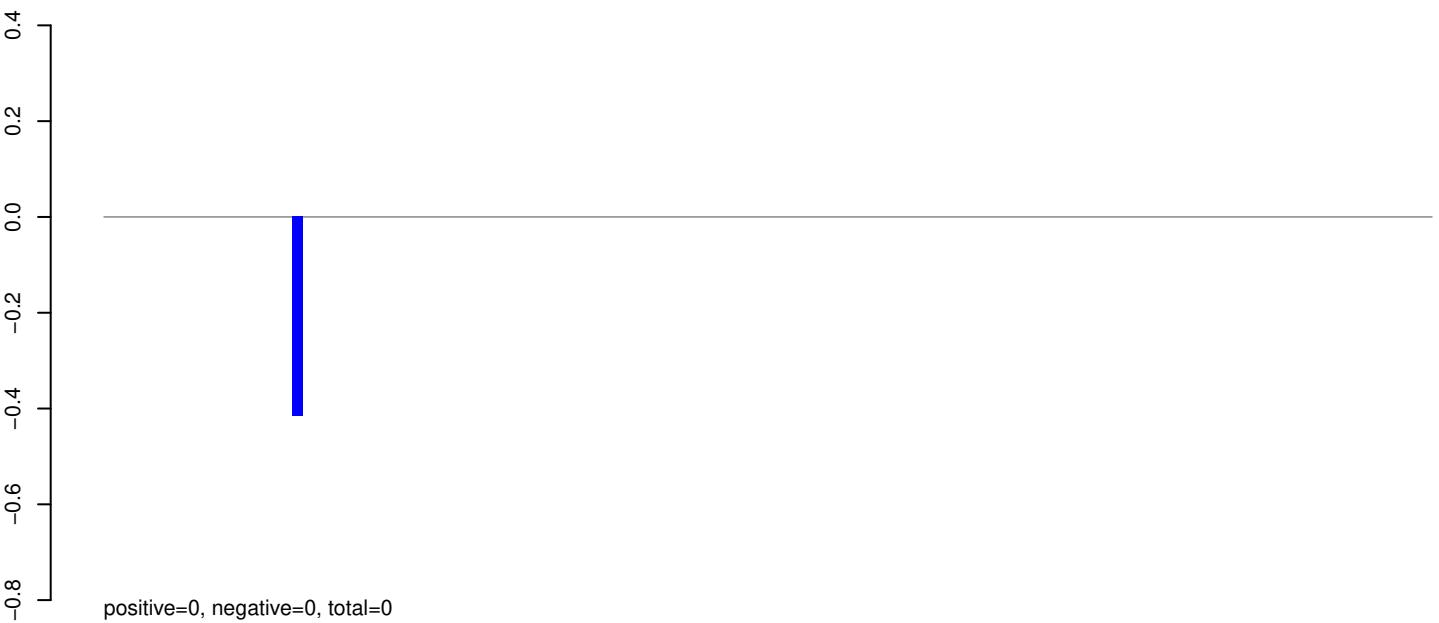


positive=0, negative=4, total=5

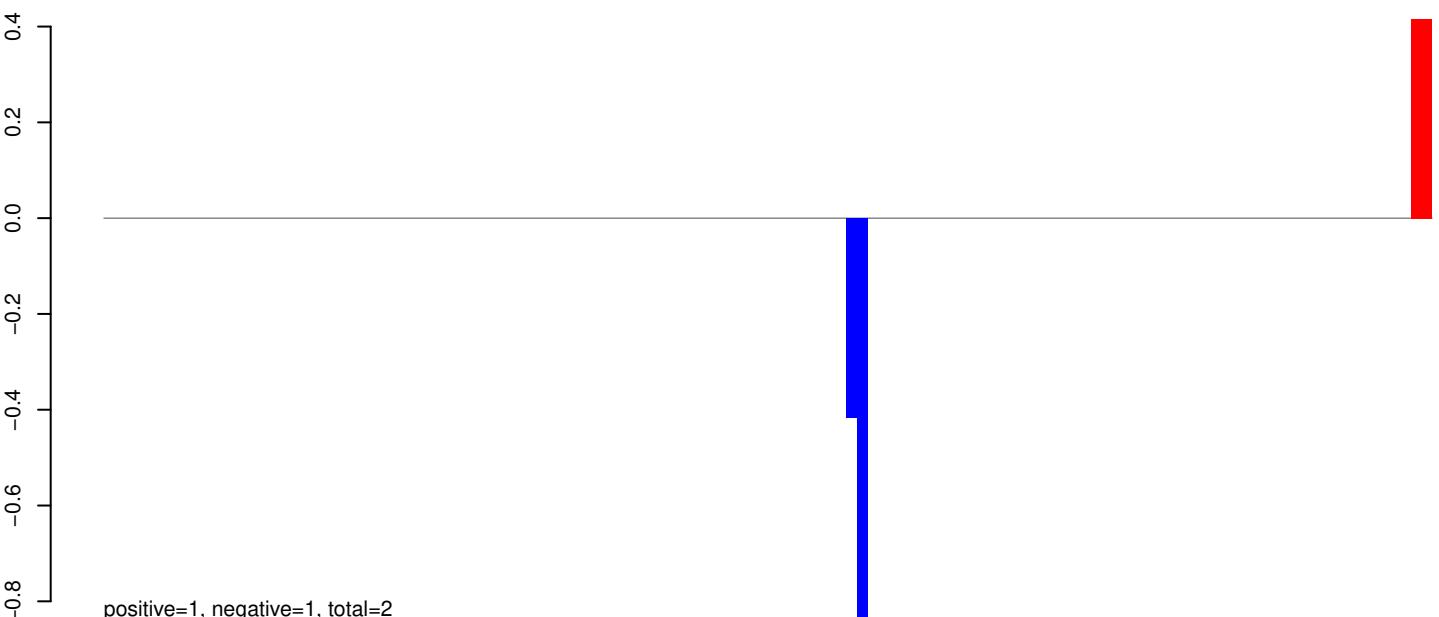
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0 1000 2000 3000 4000 5000 6000

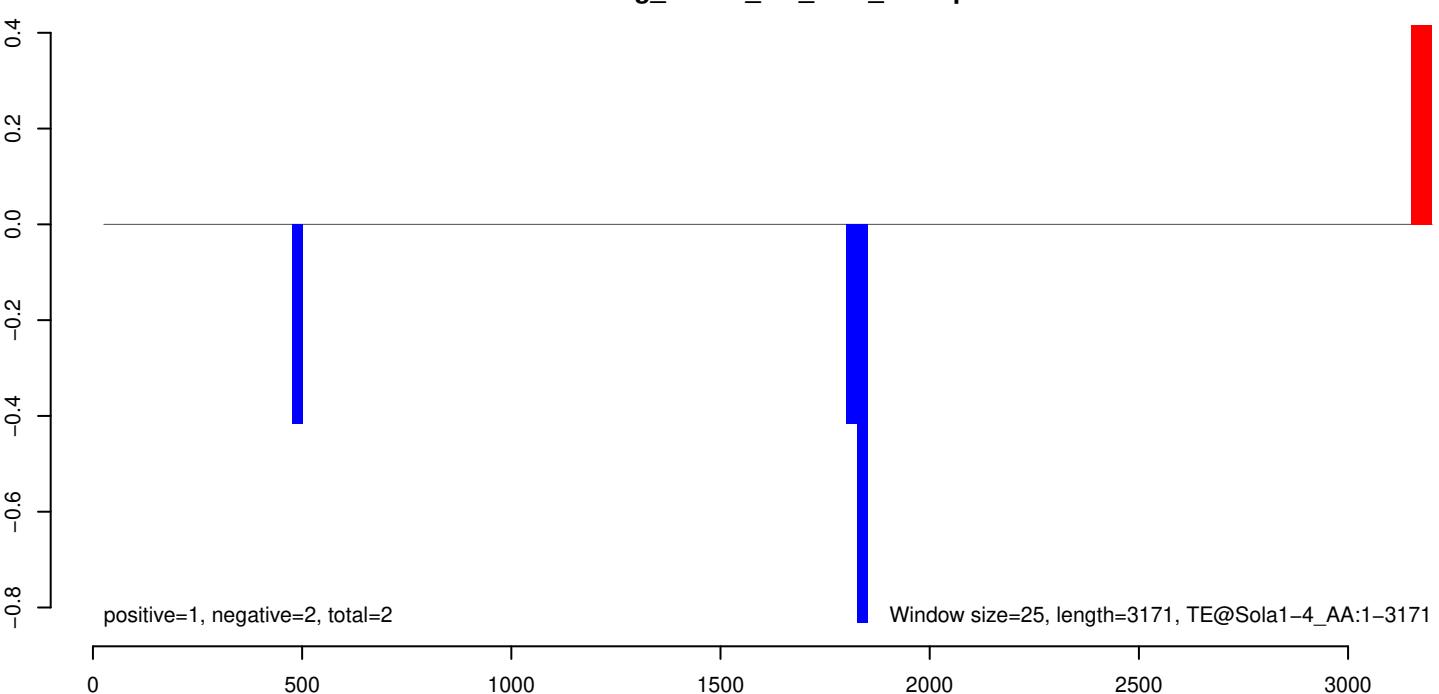
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



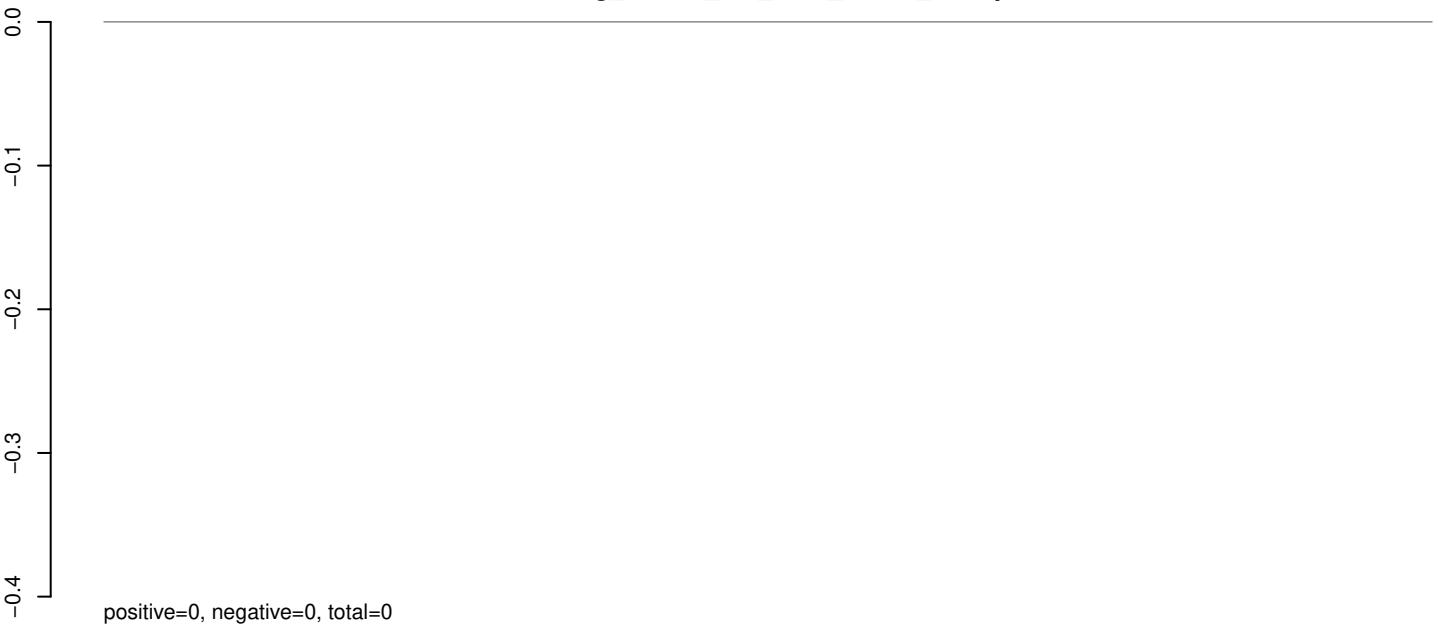
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



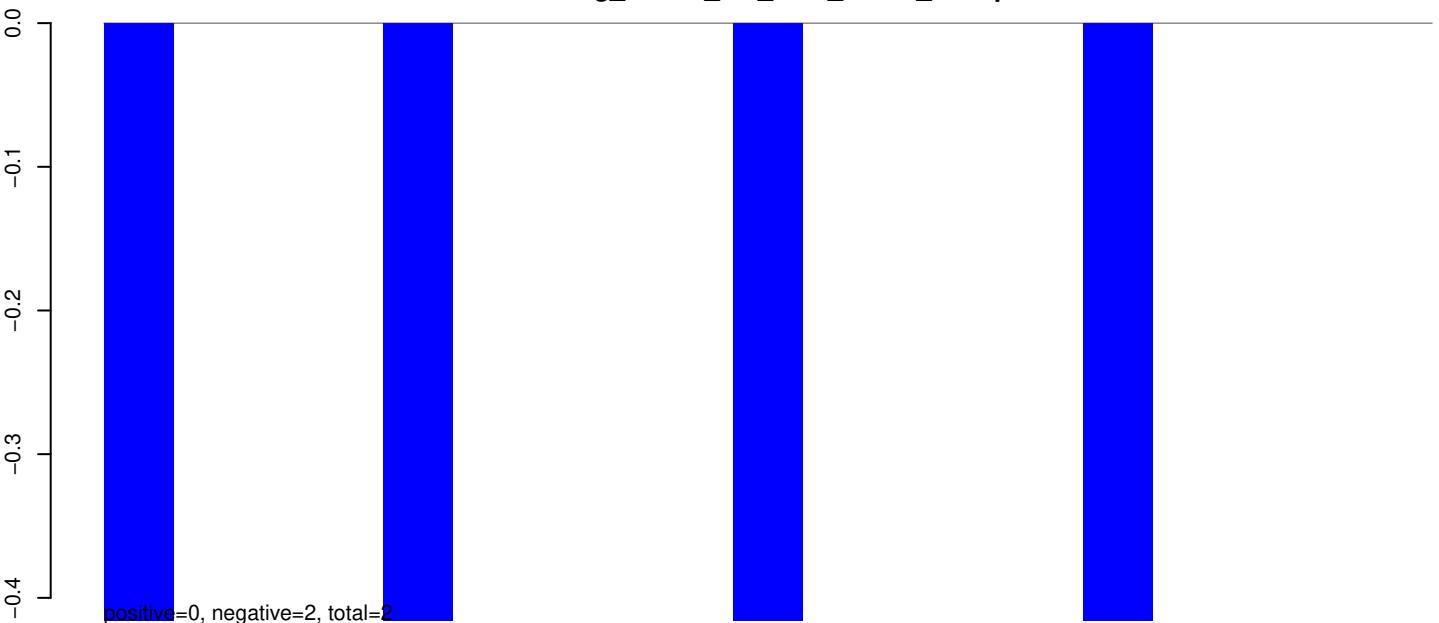
### AeAeg\_Whole\_sm\_r123\_JM.rep



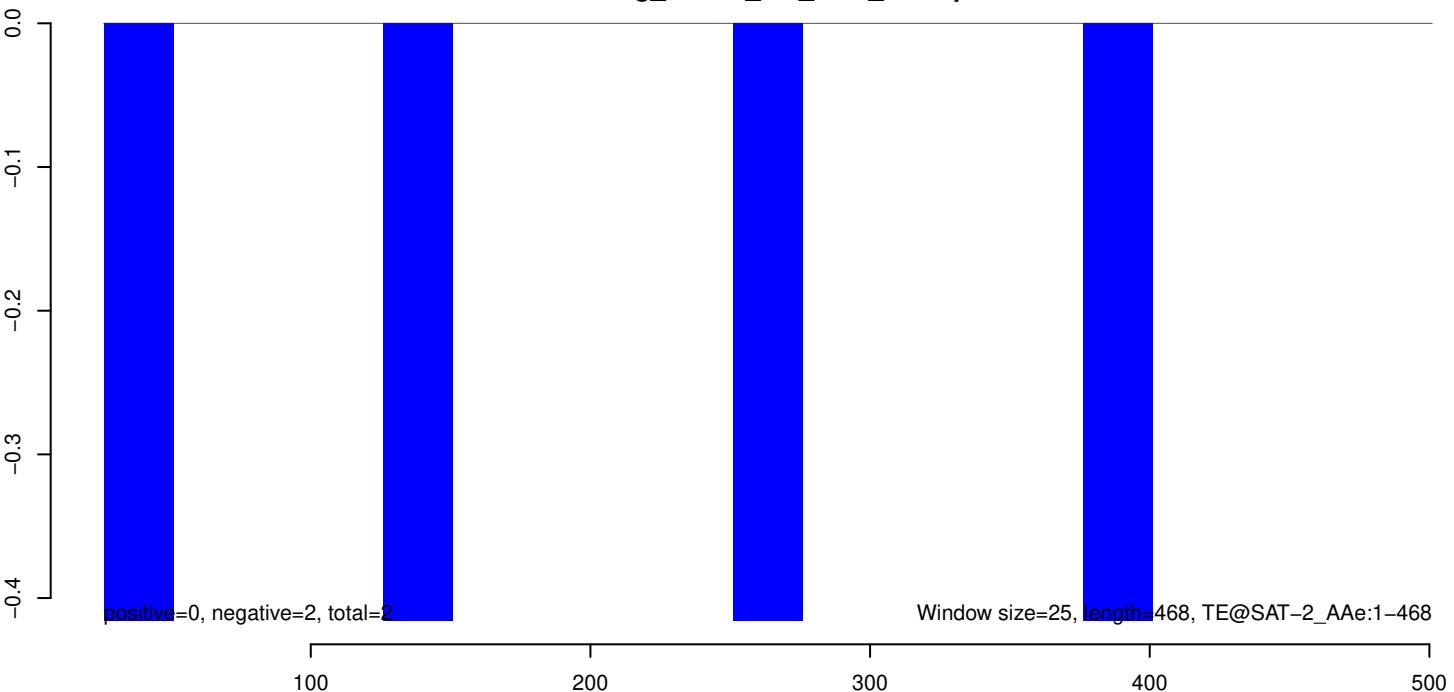
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

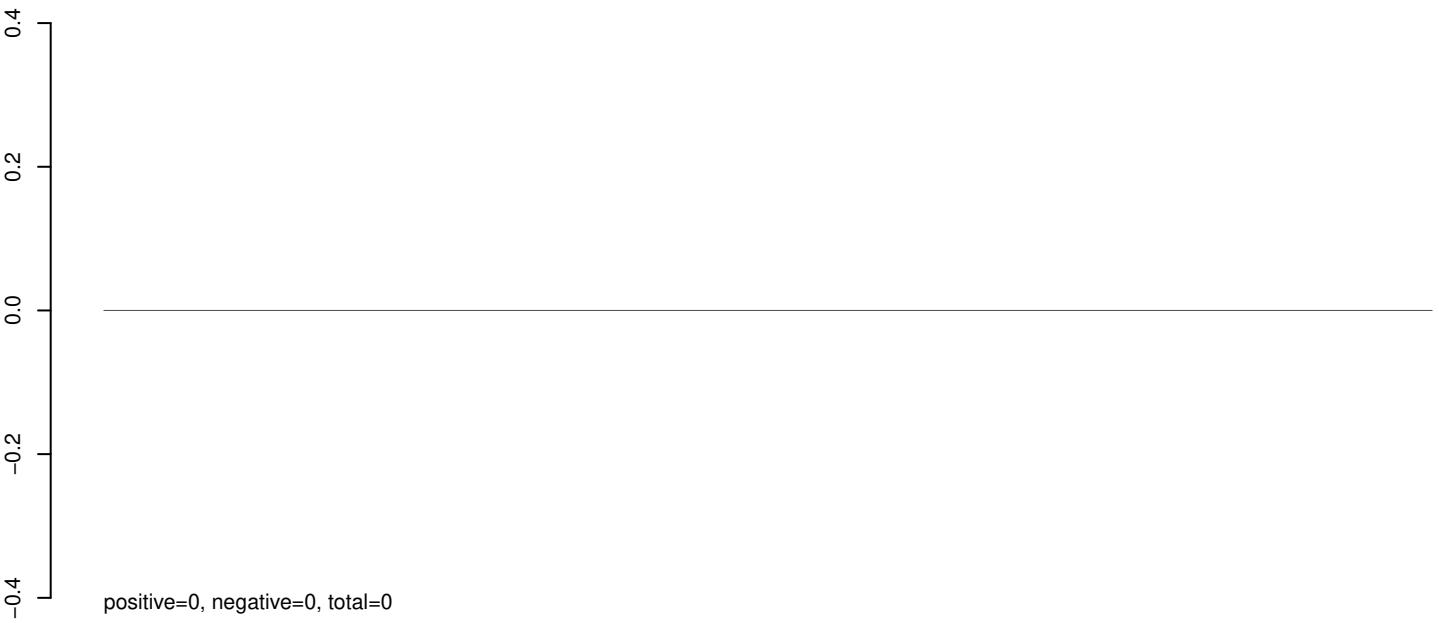


### AeAeg\_Whole\_sm\_r123\_JM.rep



100 200 300 400 500

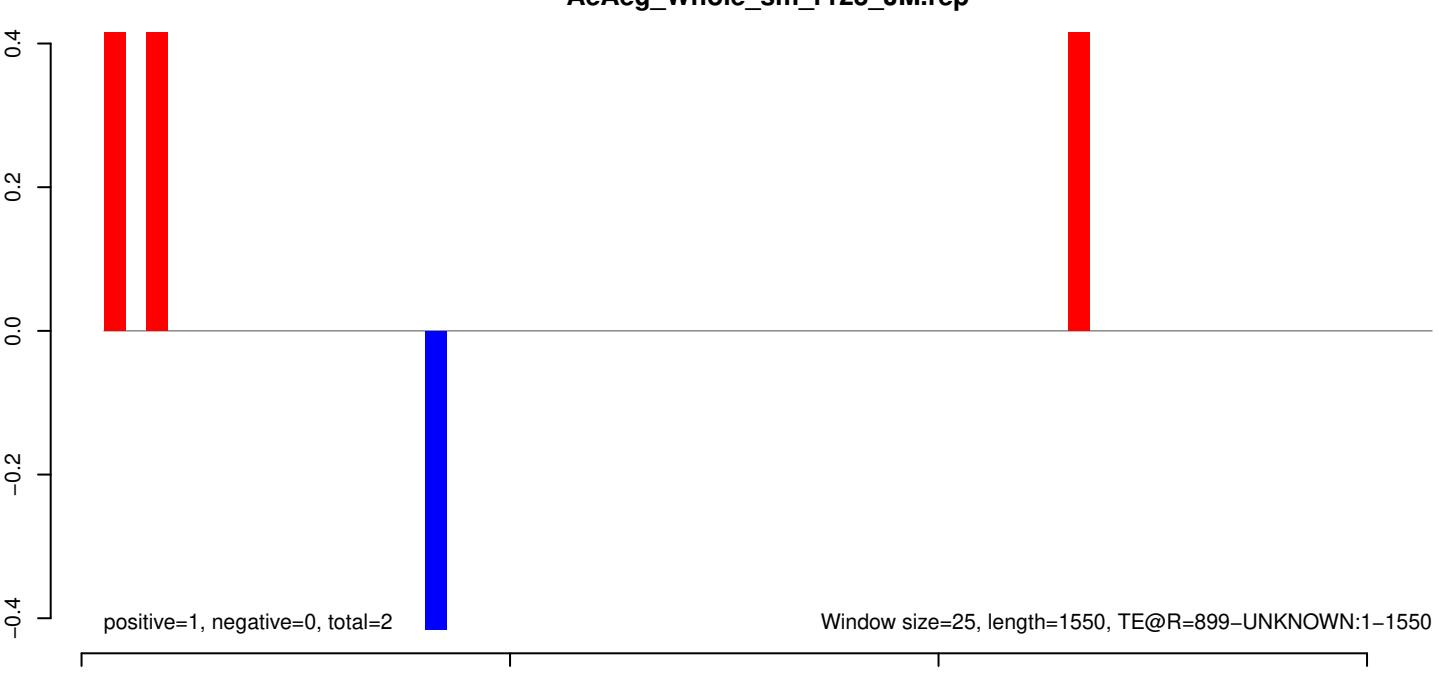
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

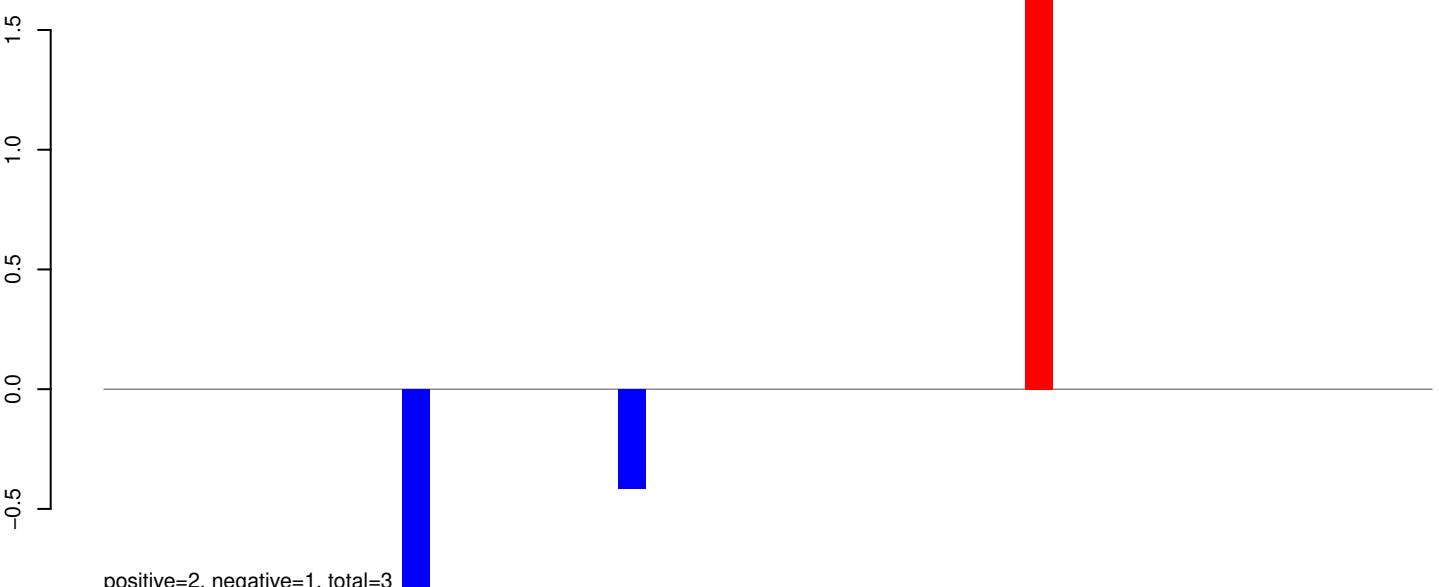


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



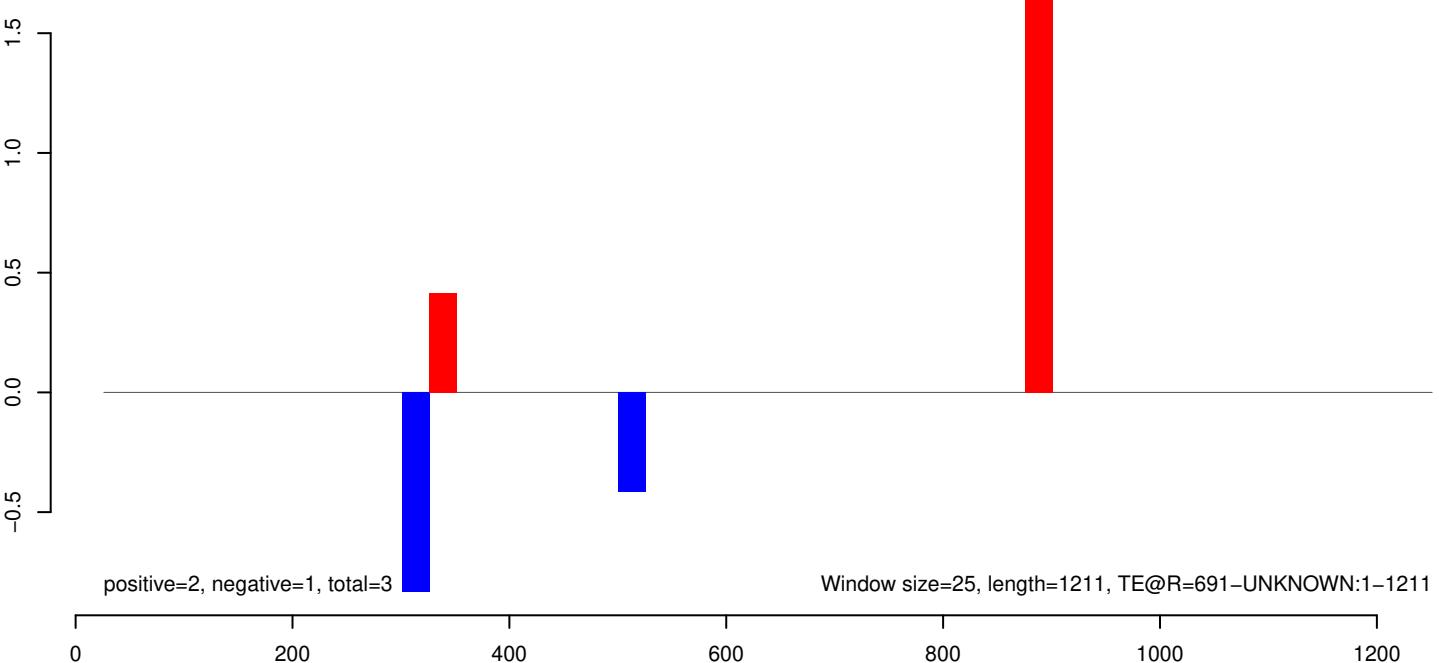
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=2, negative=1, total=3

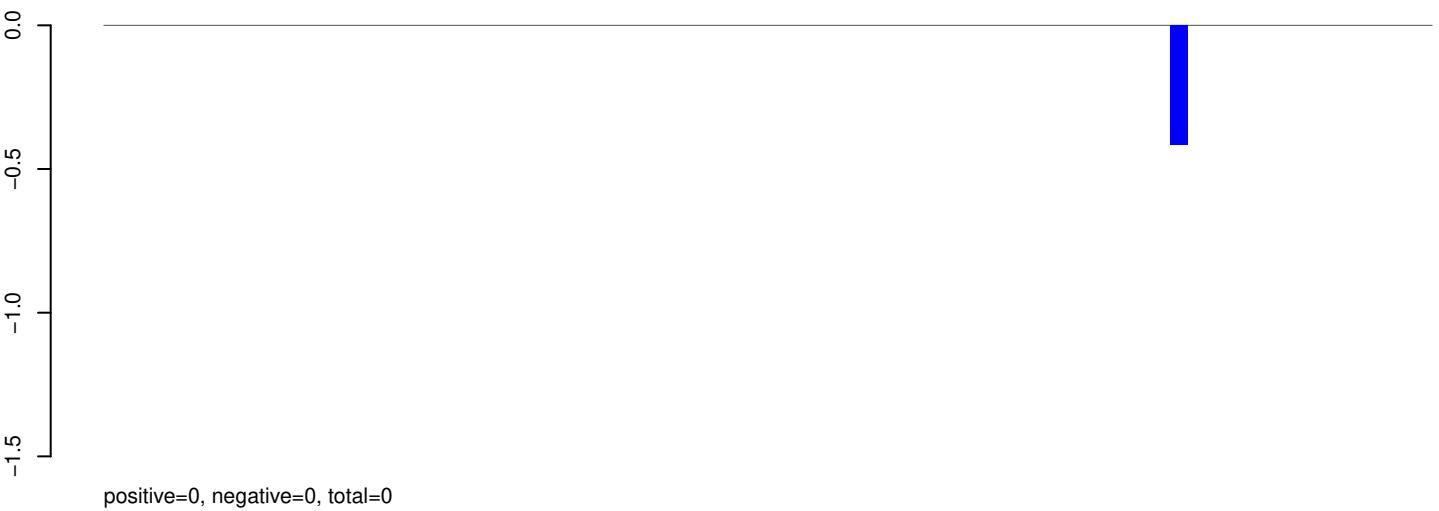
### AeAeg\_Whole\_sm\_r123\_JM.rep



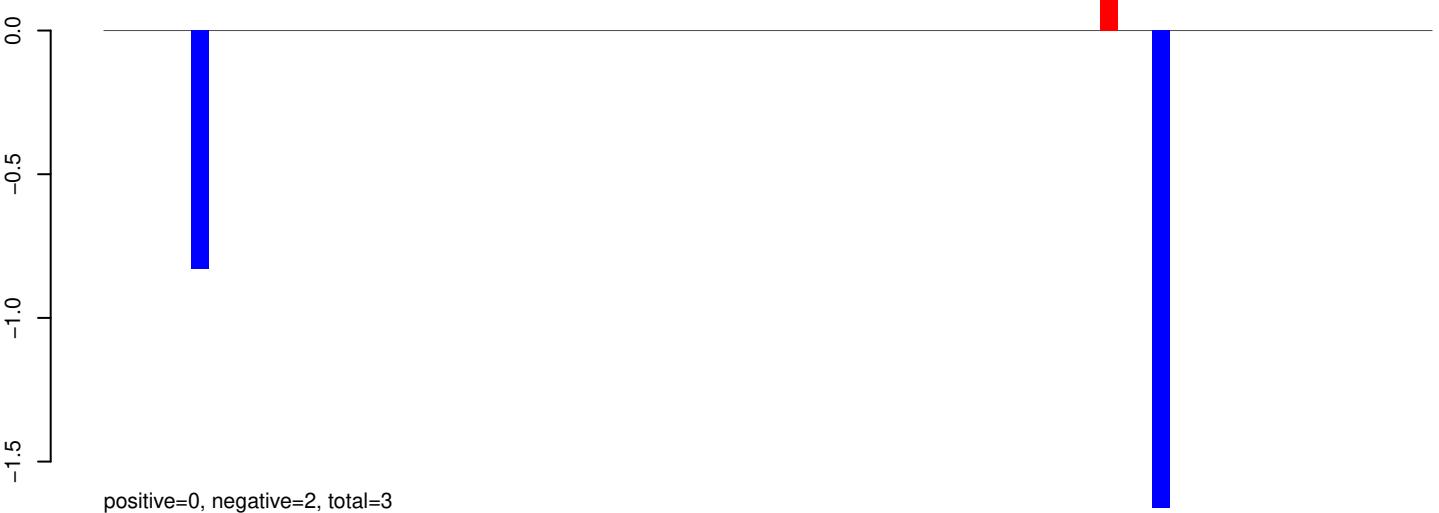
positive=2, negative=1, total=3

Window size=25, length=1211, TE@R=691-UNKNOWN:1-1211

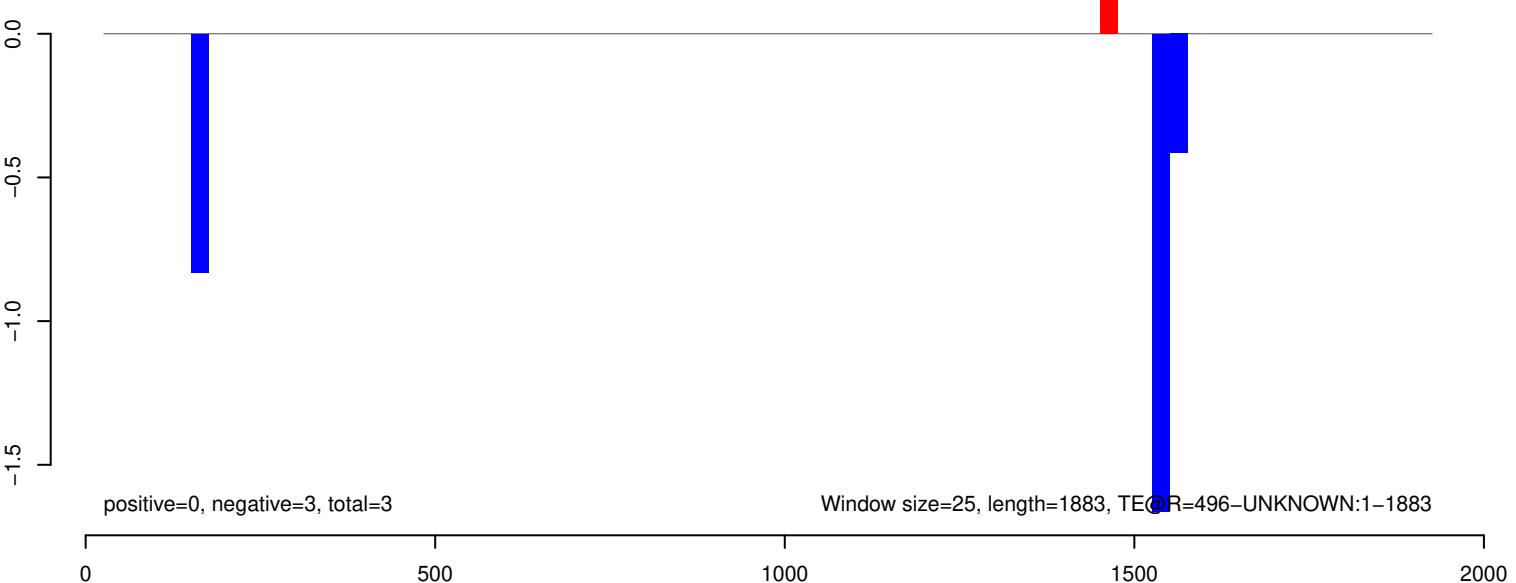
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



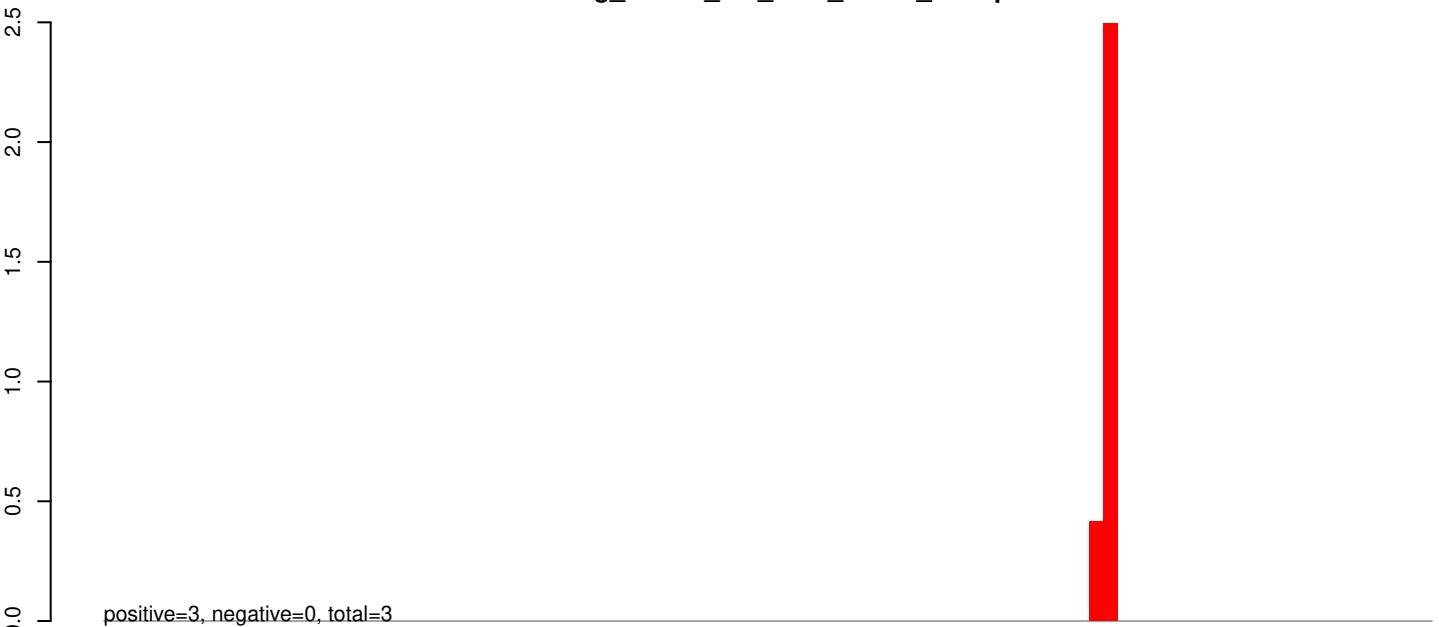
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



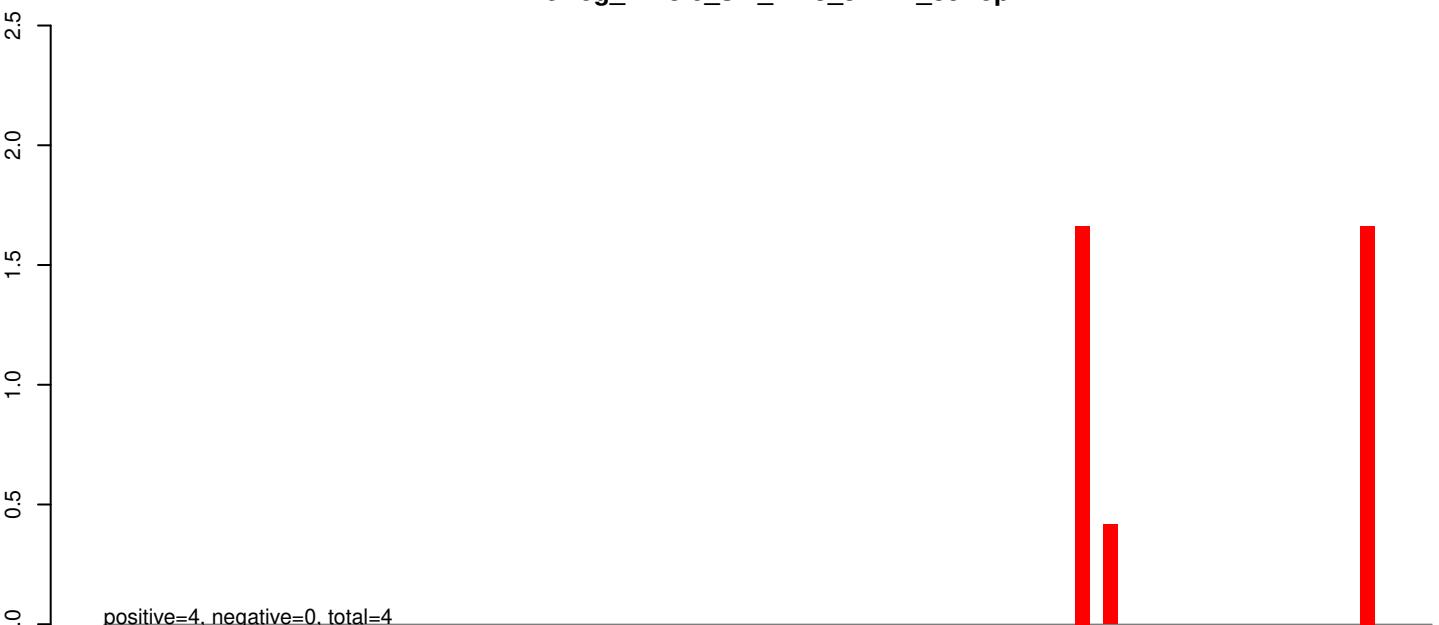
**AeAeg\_Whole\_sm\_r123\_JM.rep**



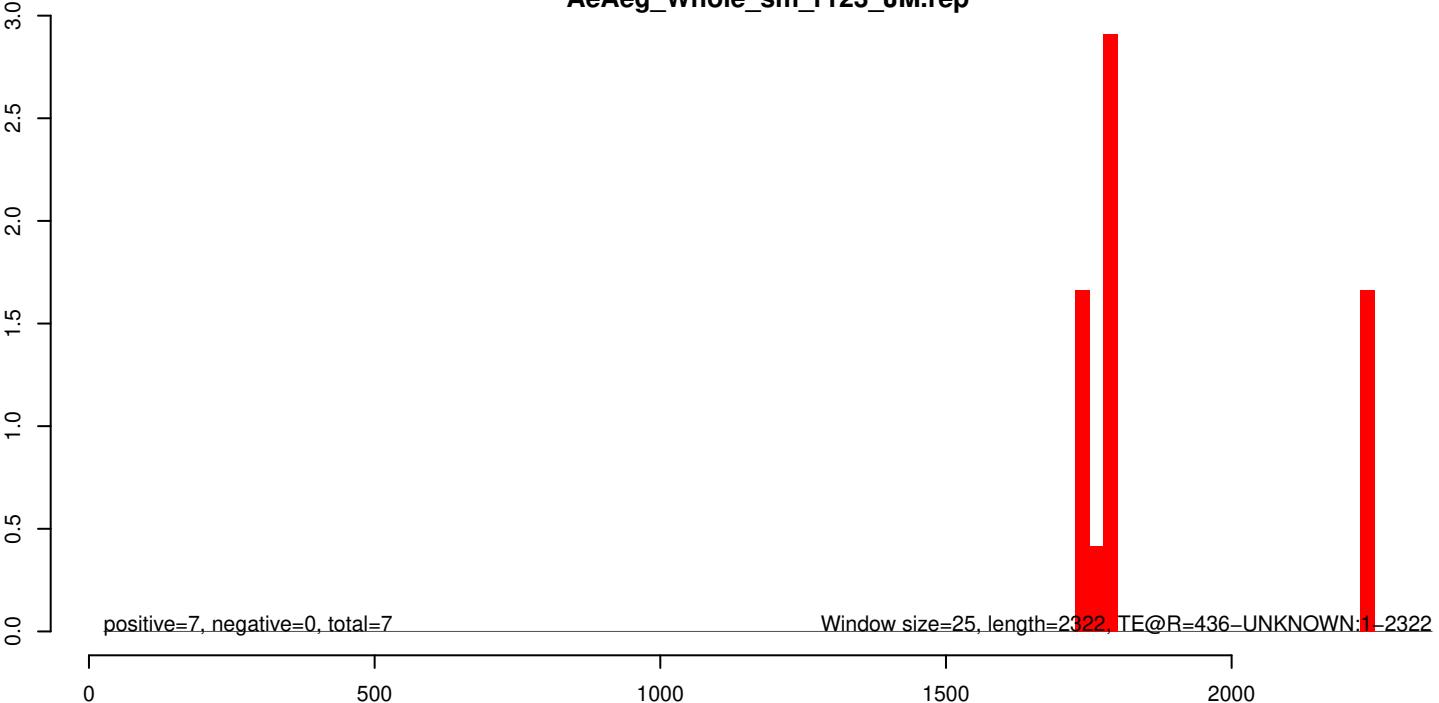
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



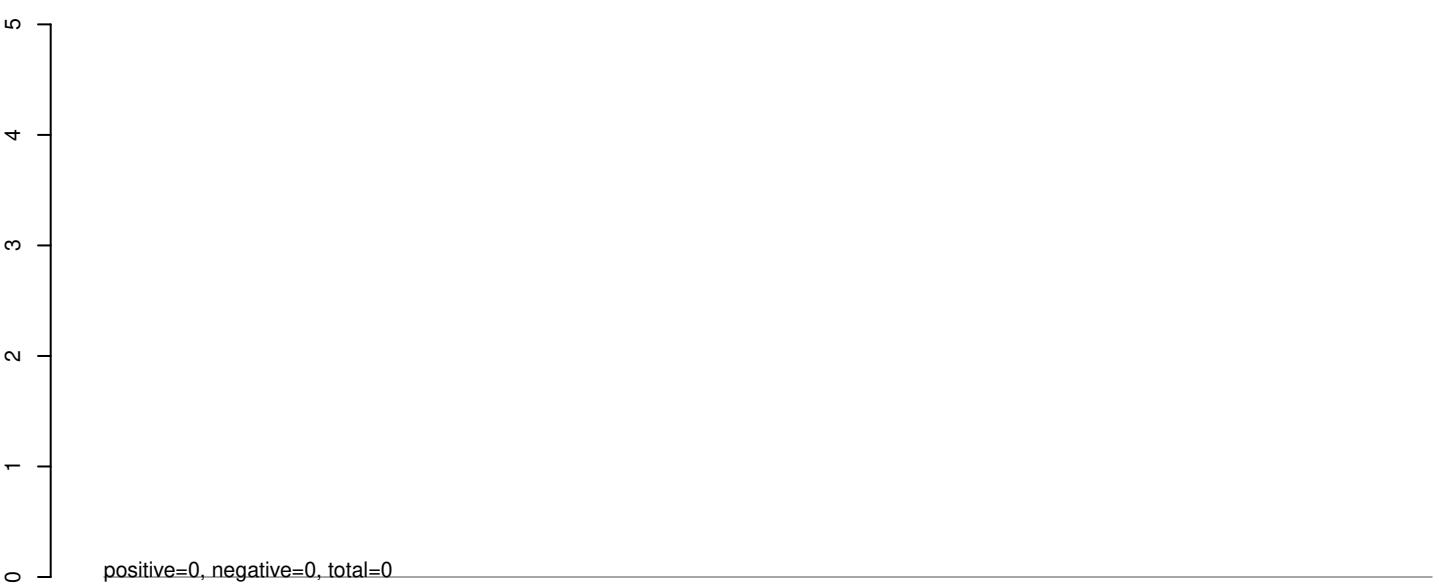
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



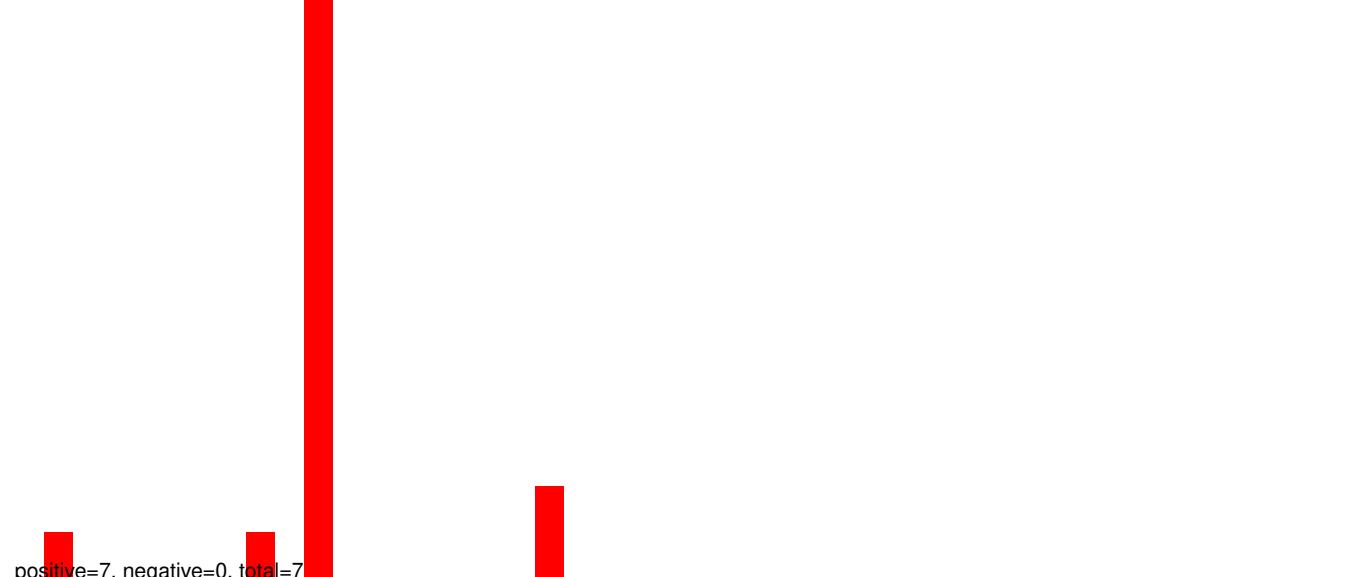
### AeAeg\_Whole\_sm\_r123\_JM.rep



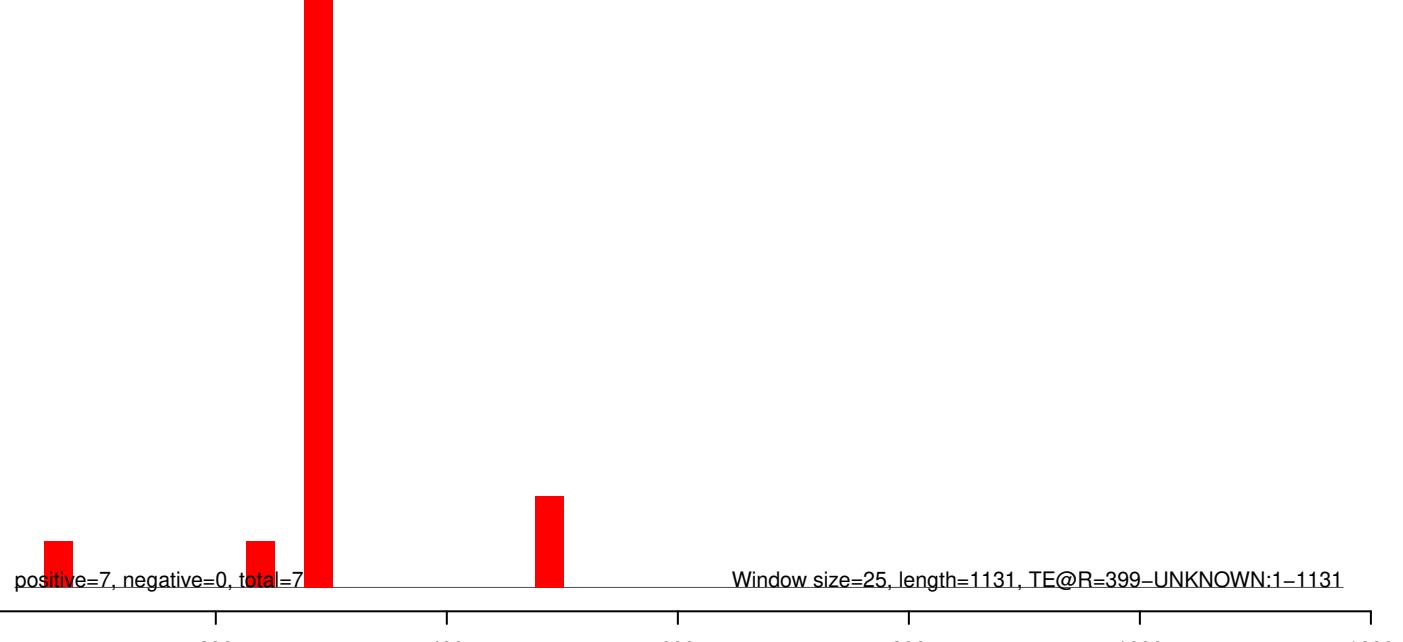
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



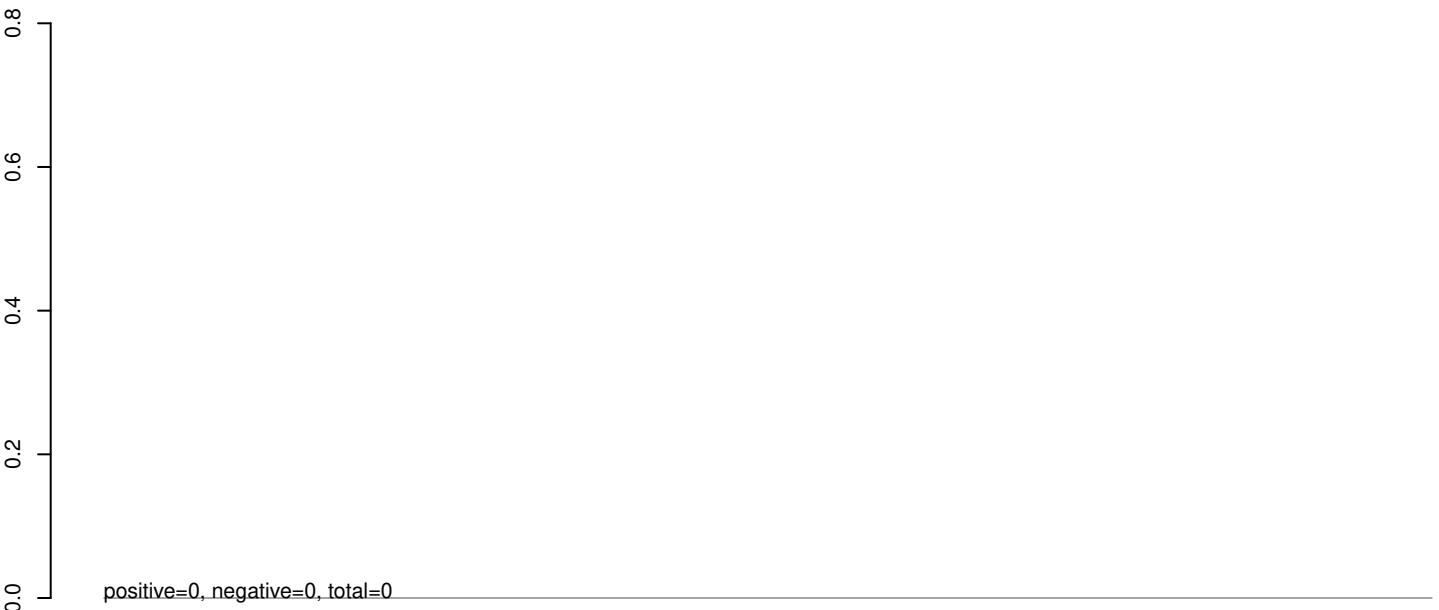
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



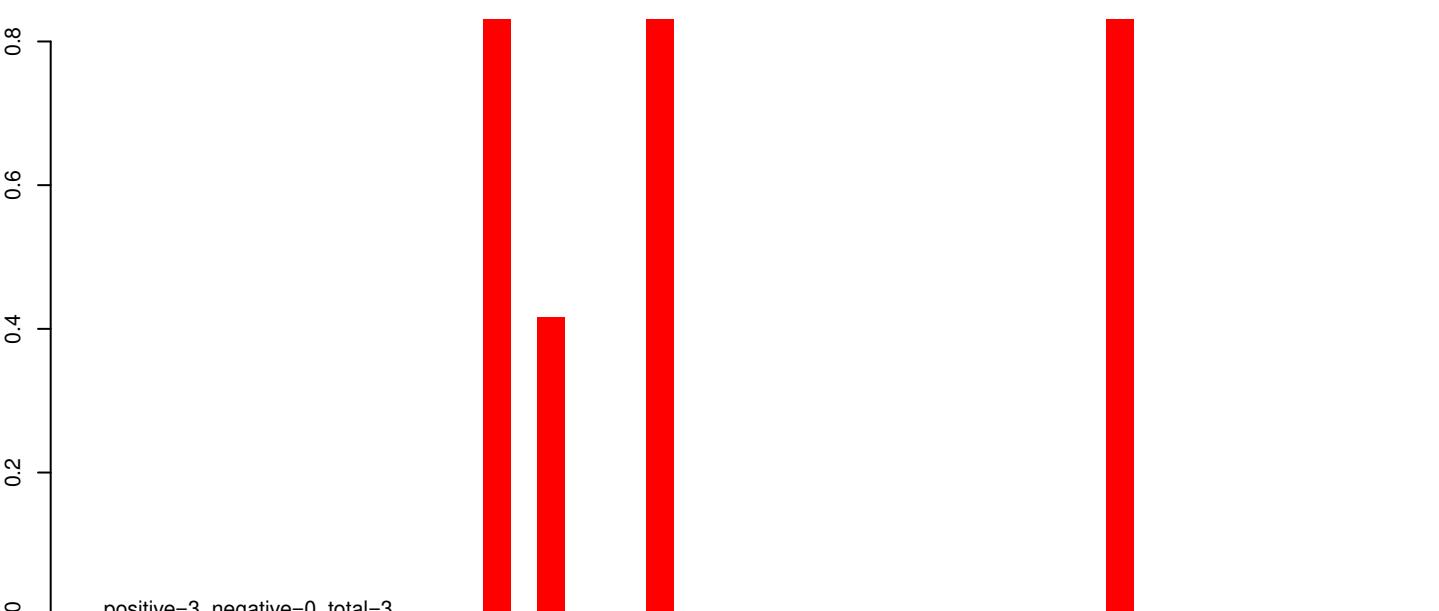
AeAeg\_Whole\_sm\_r123\_JM.rep



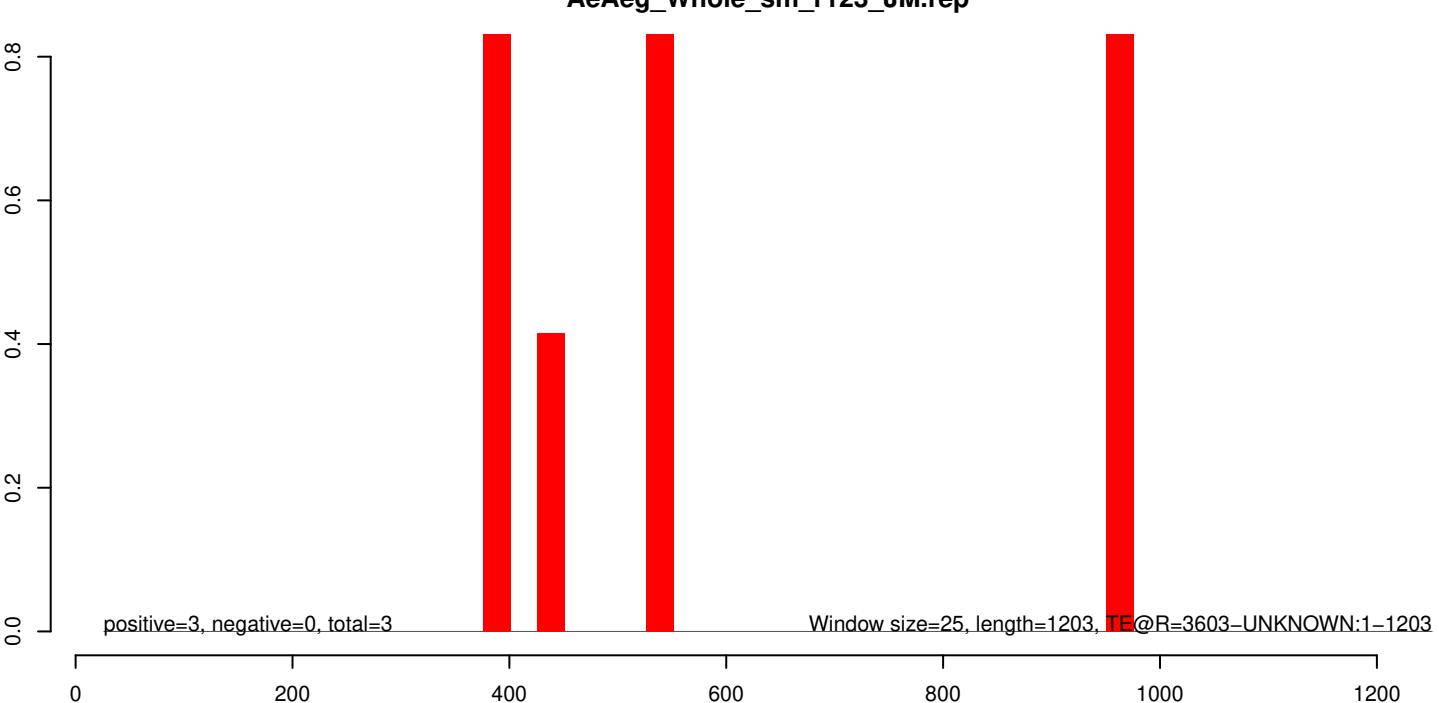
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



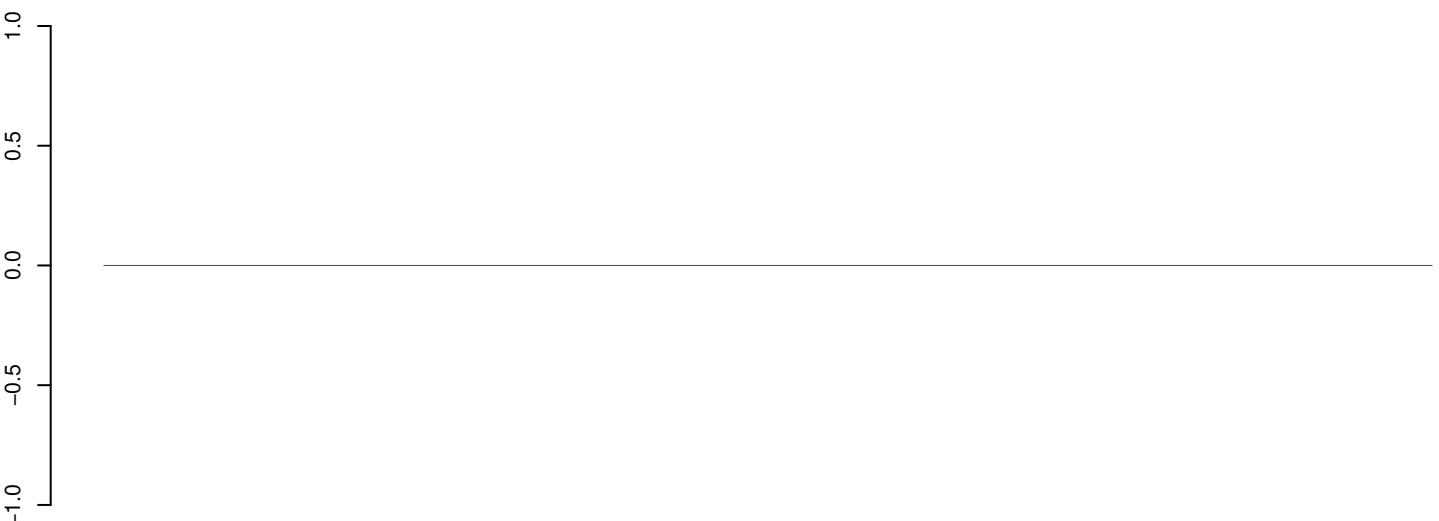
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



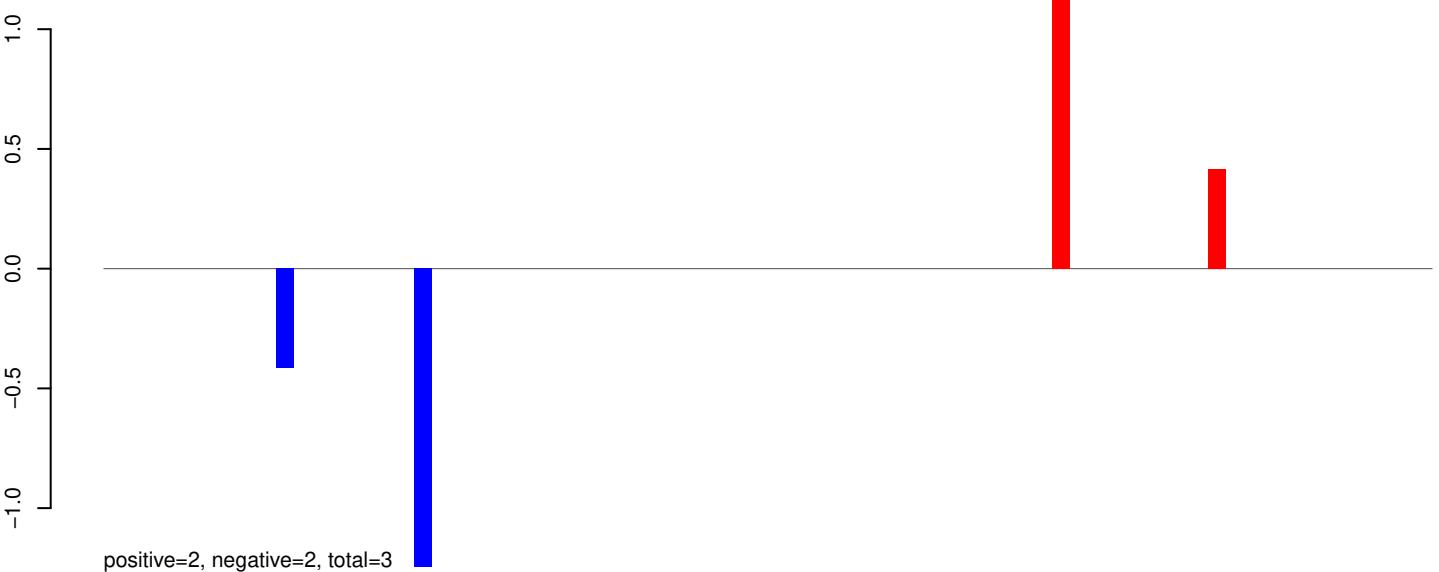
### AeAeg\_Whole\_sm\_r123\_JM.rep



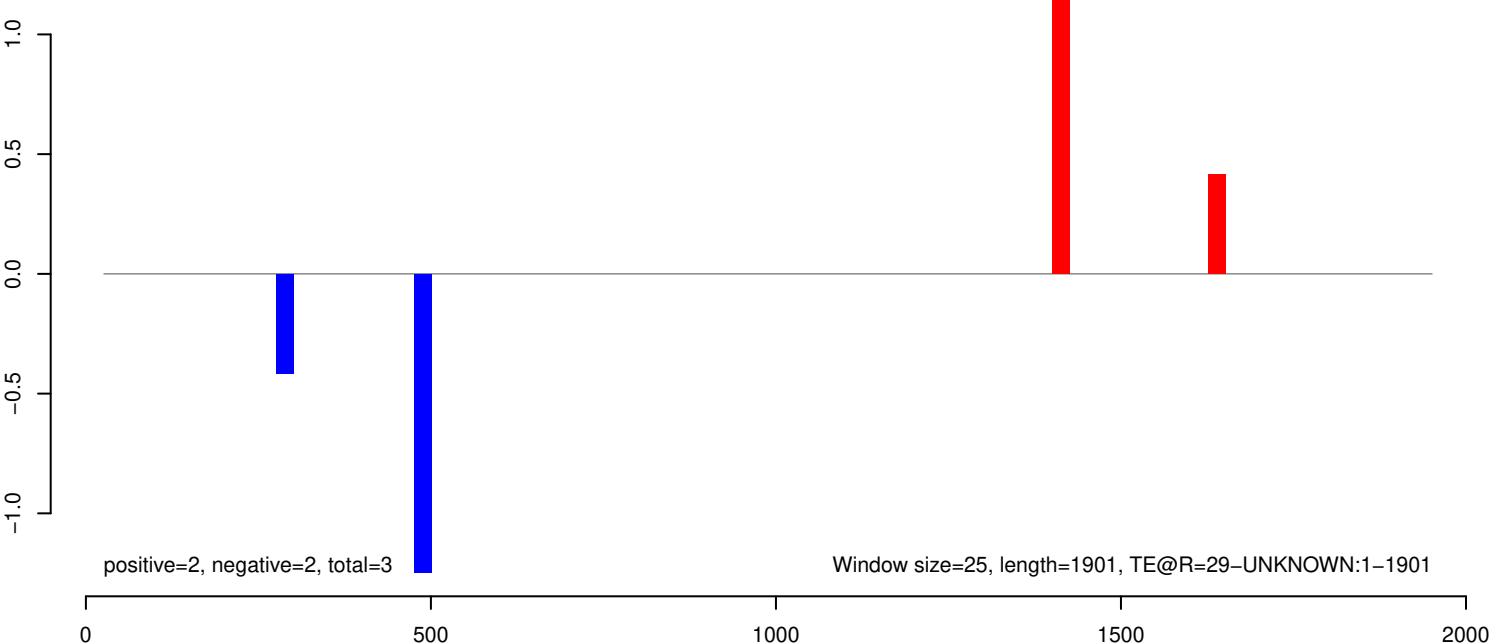
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



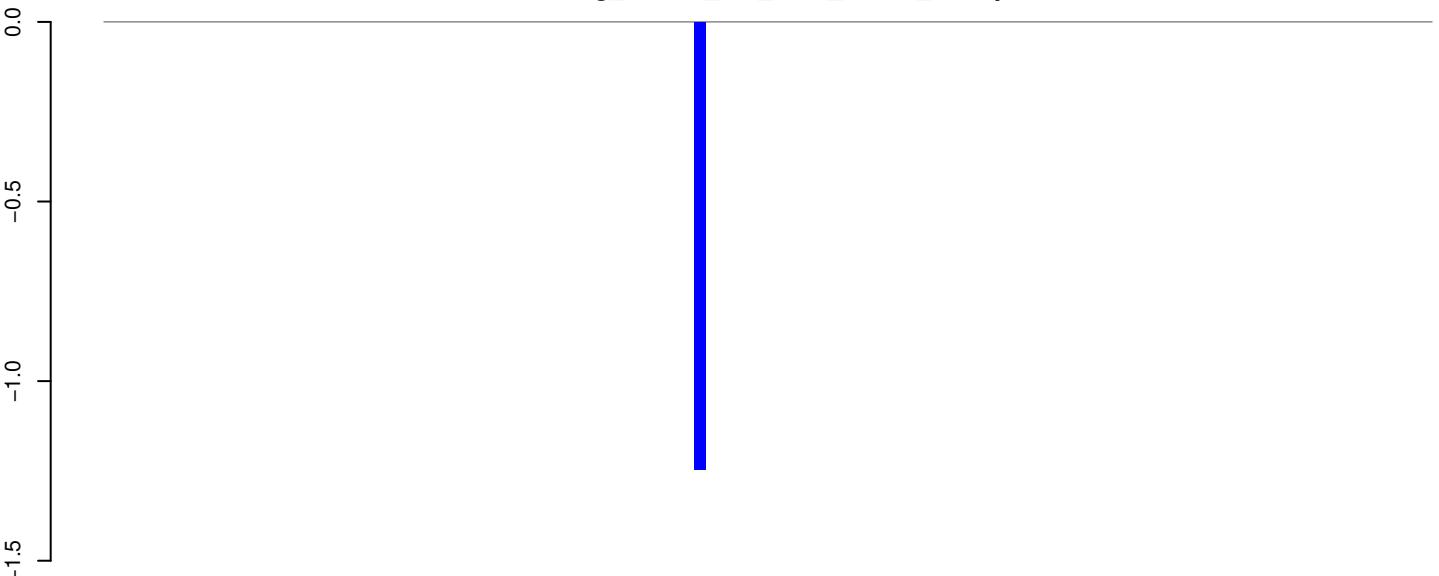
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



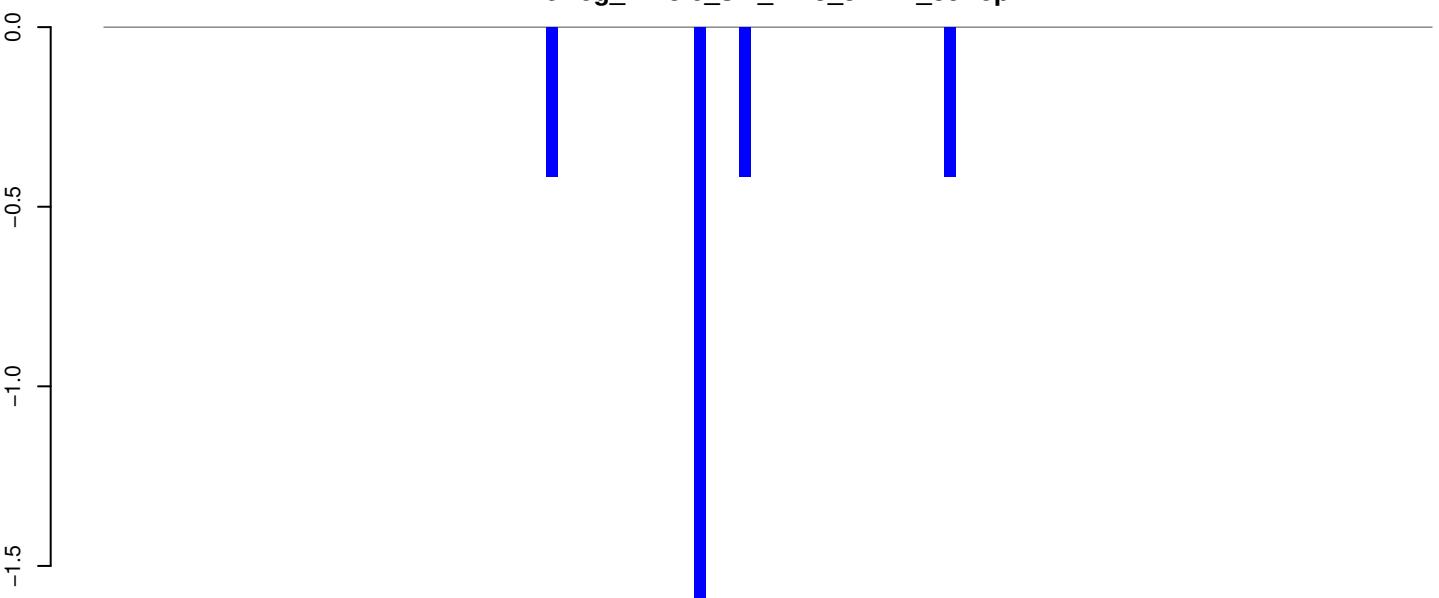
**AeAeg\_Whole\_sm\_r123\_JM.rep**



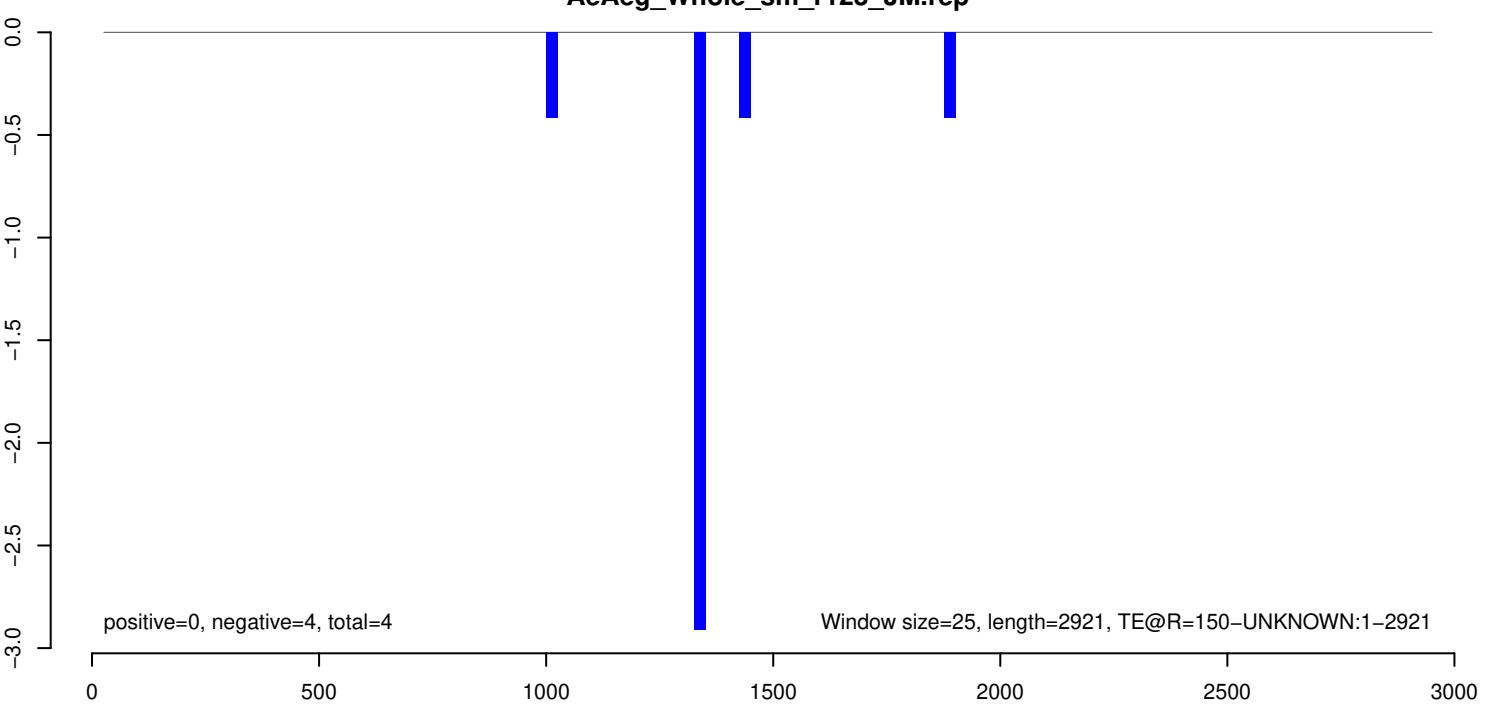
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



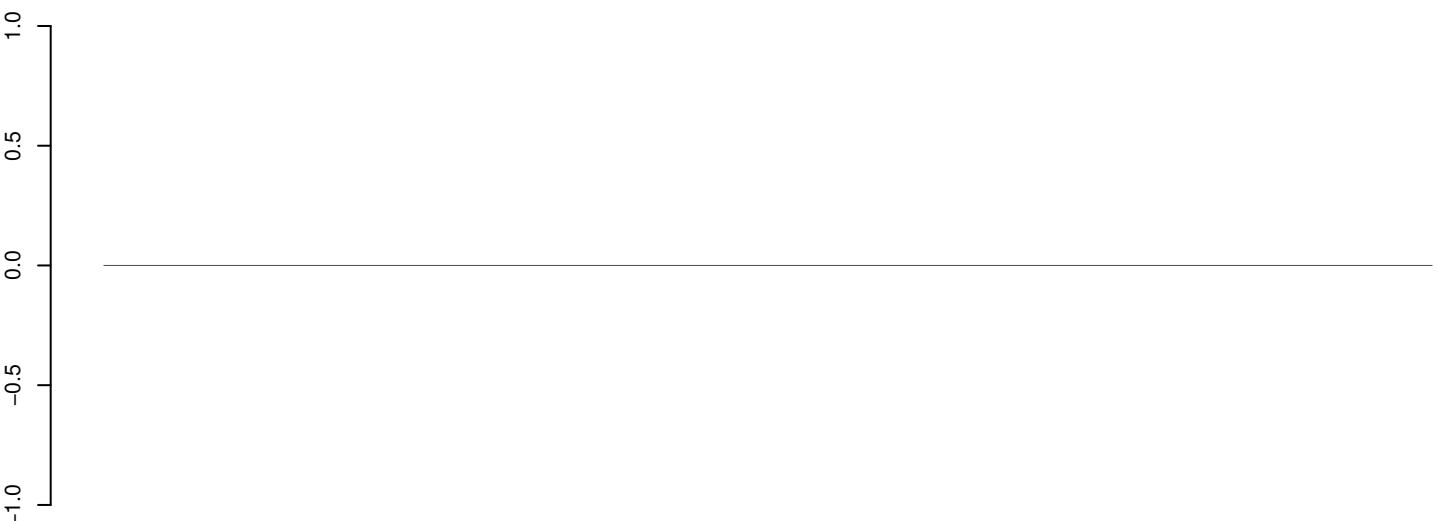
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



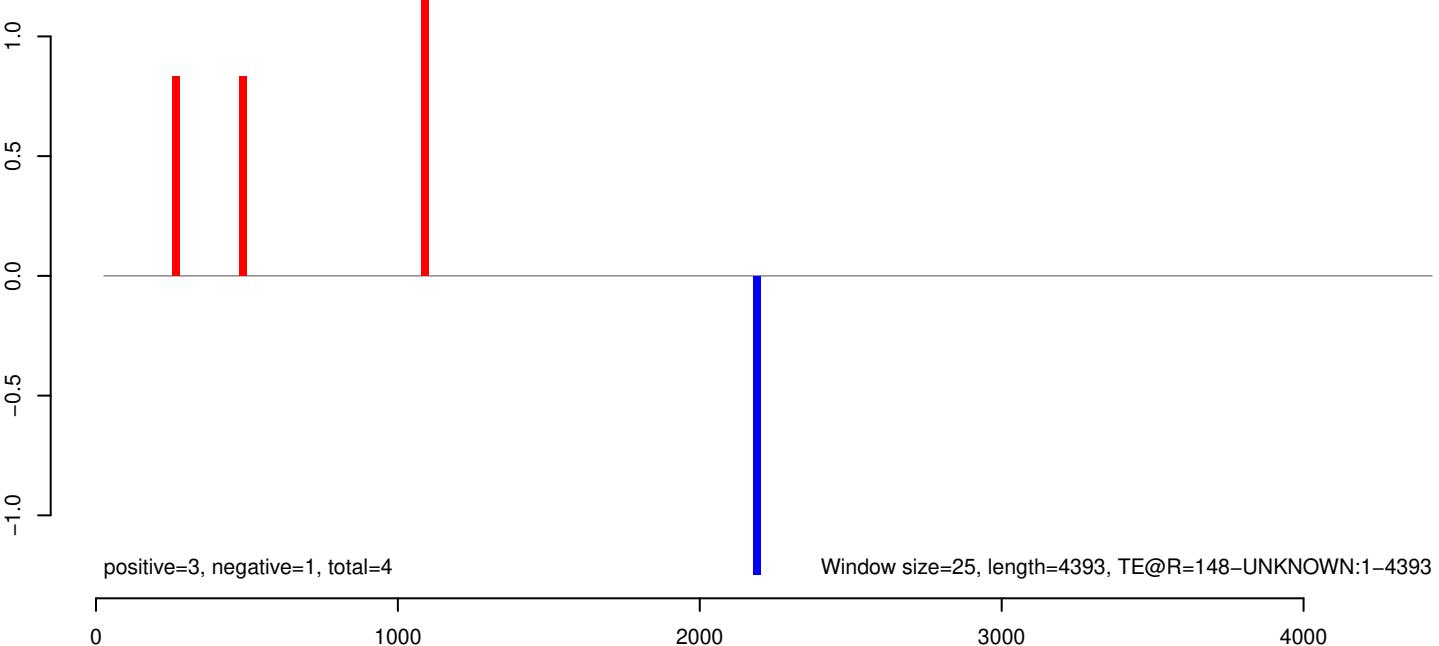
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



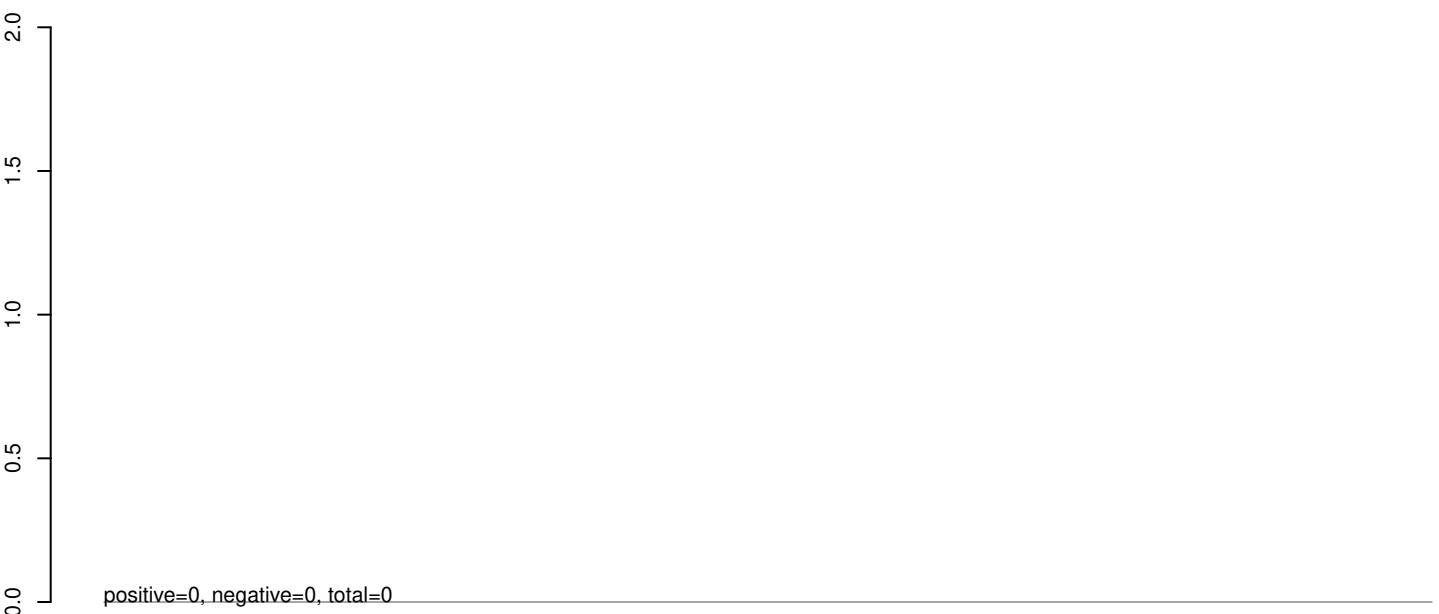
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



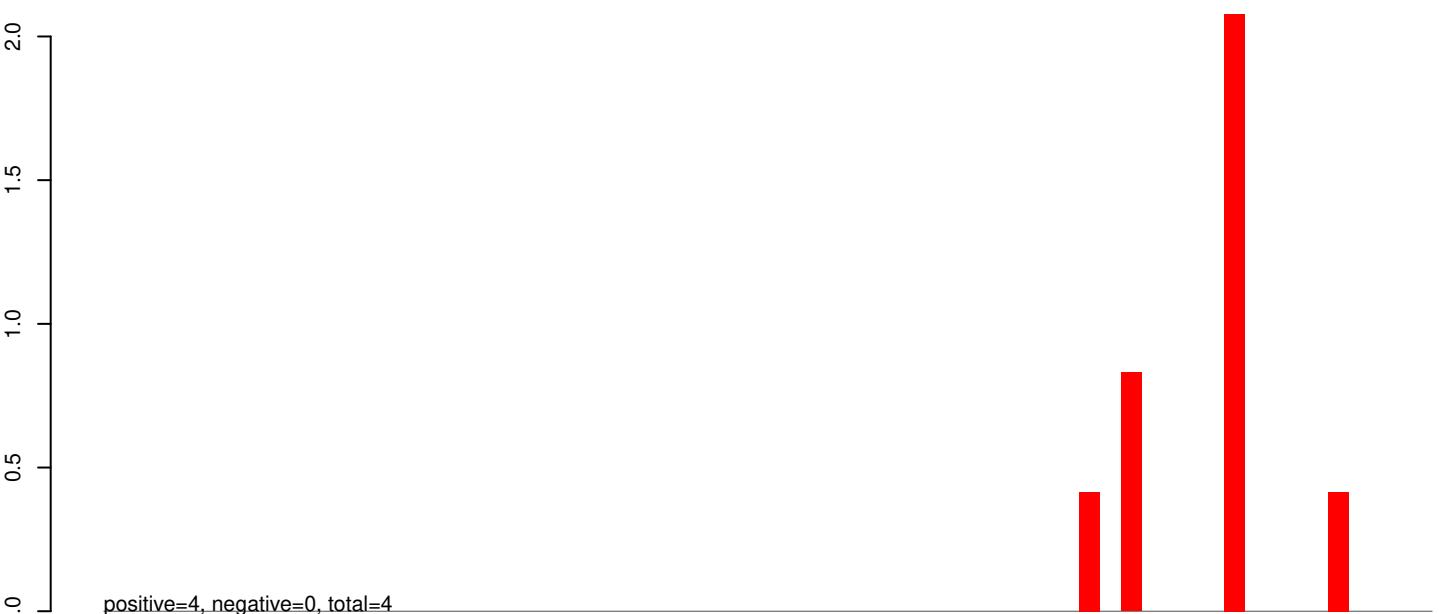
**AeAeg\_Whole\_sm\_r123\_JM.rep**



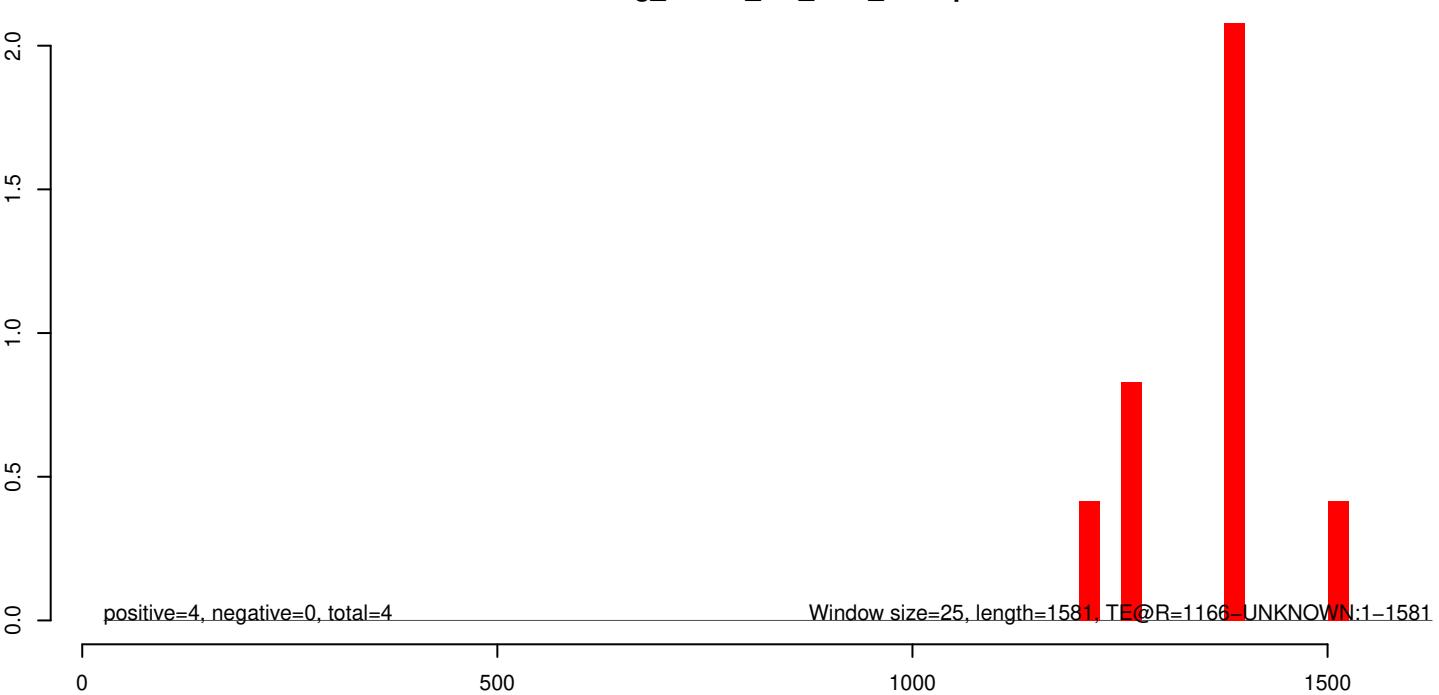
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



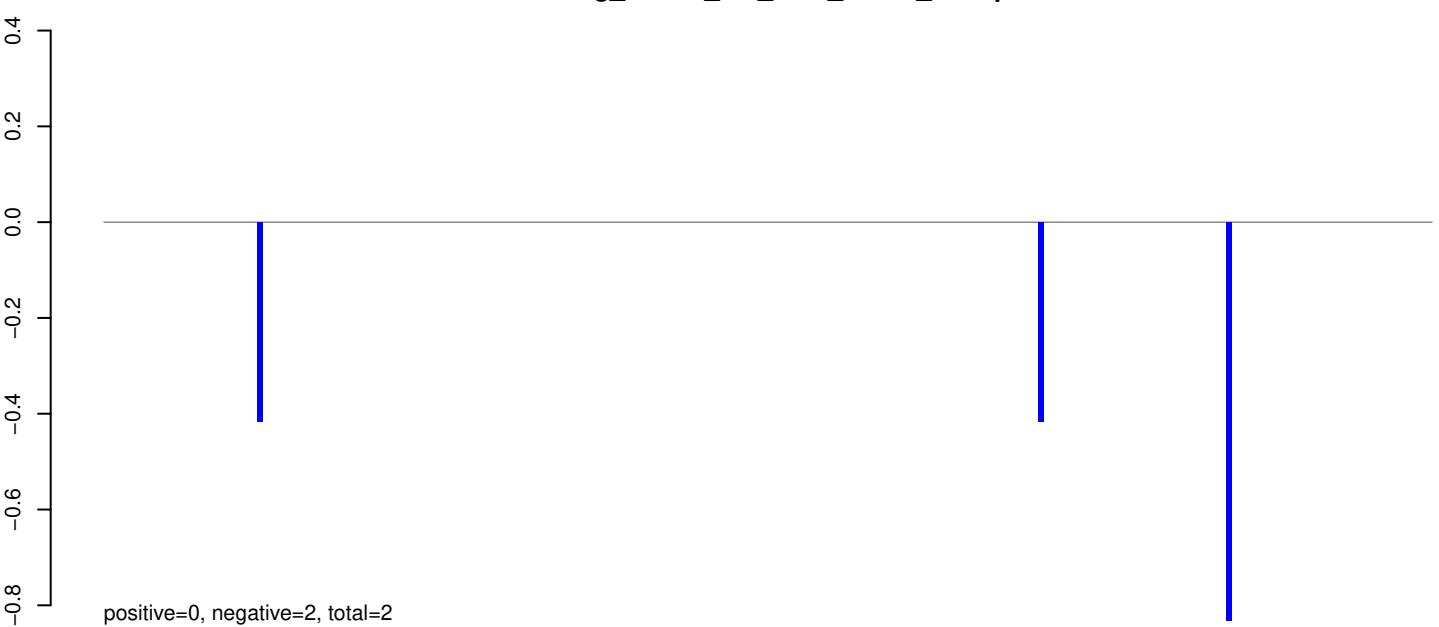
### AeAeg\_Whole\_sm\_r123\_JM.rep



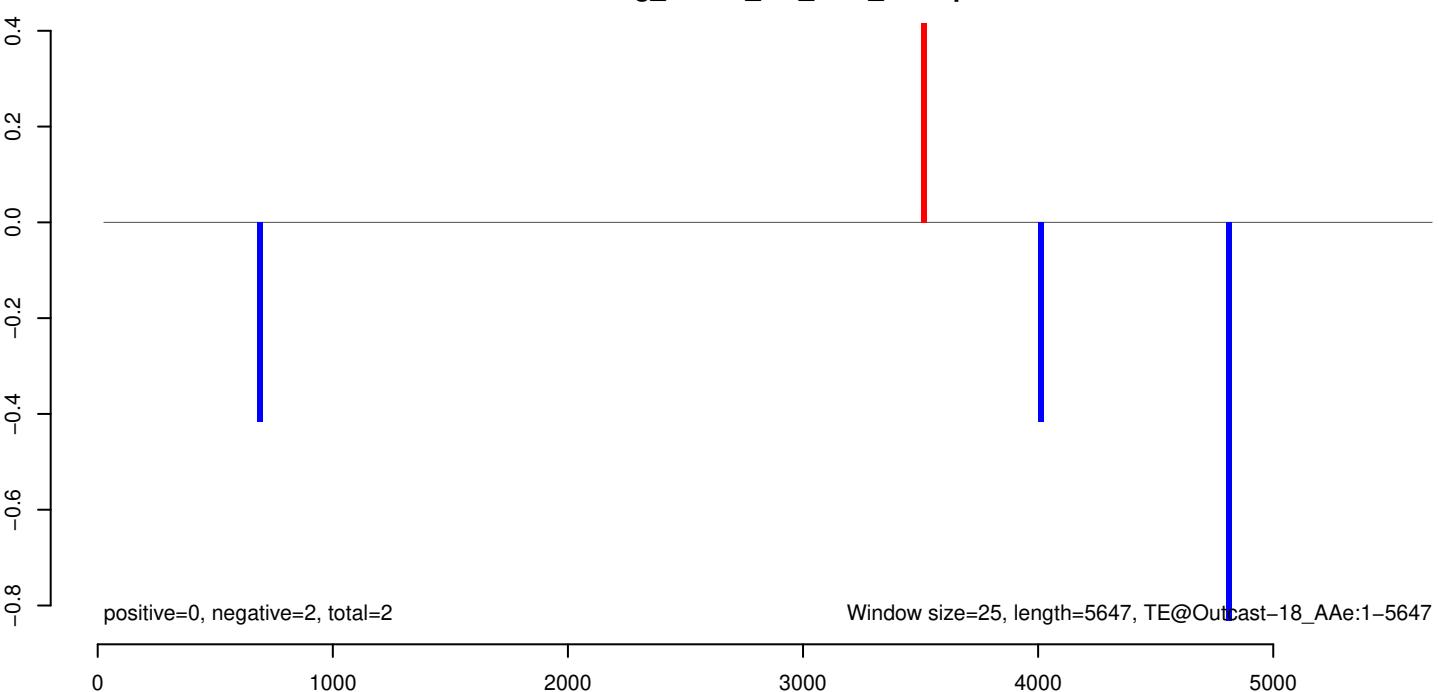
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



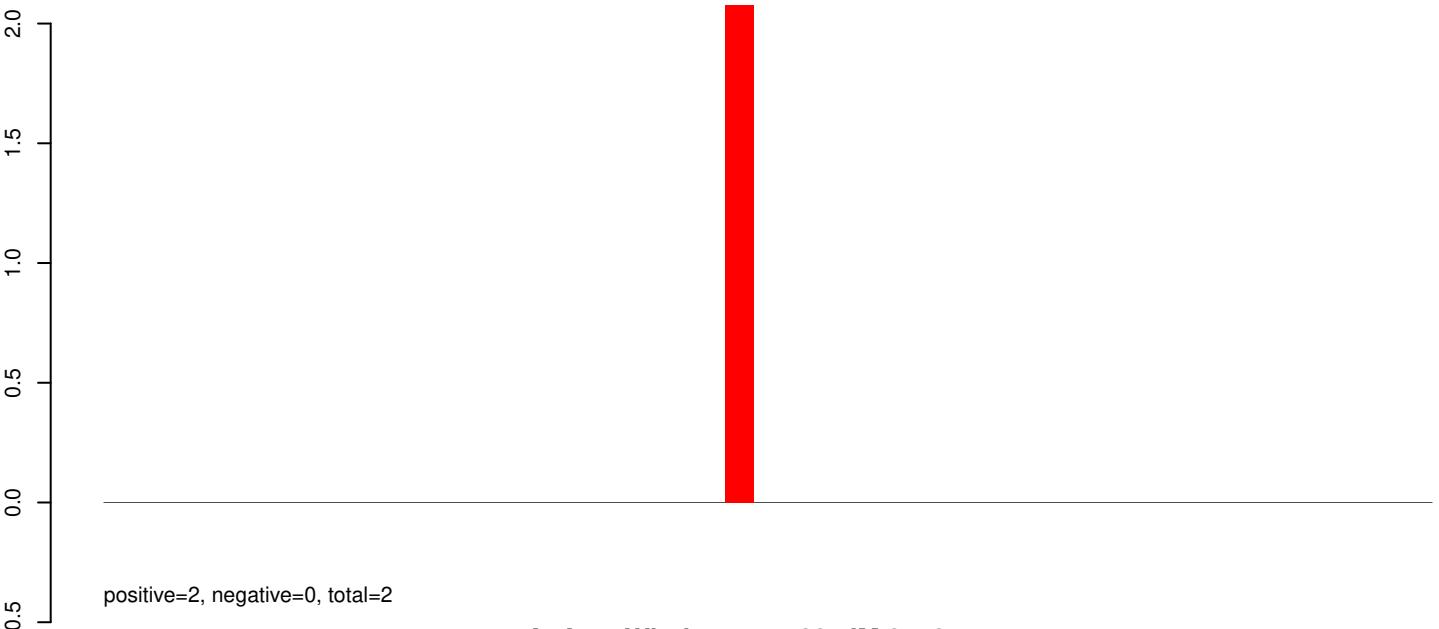
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



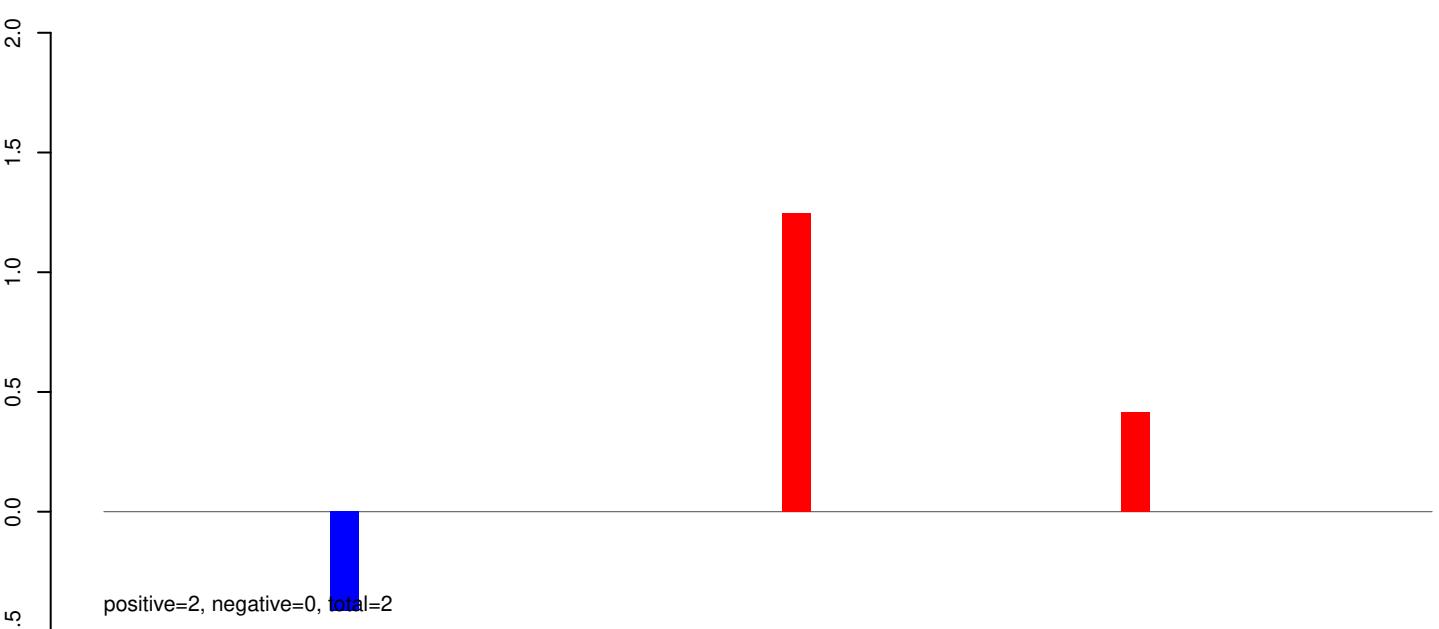
### AeAeg\_Whole\_sm\_r123\_JM.rep



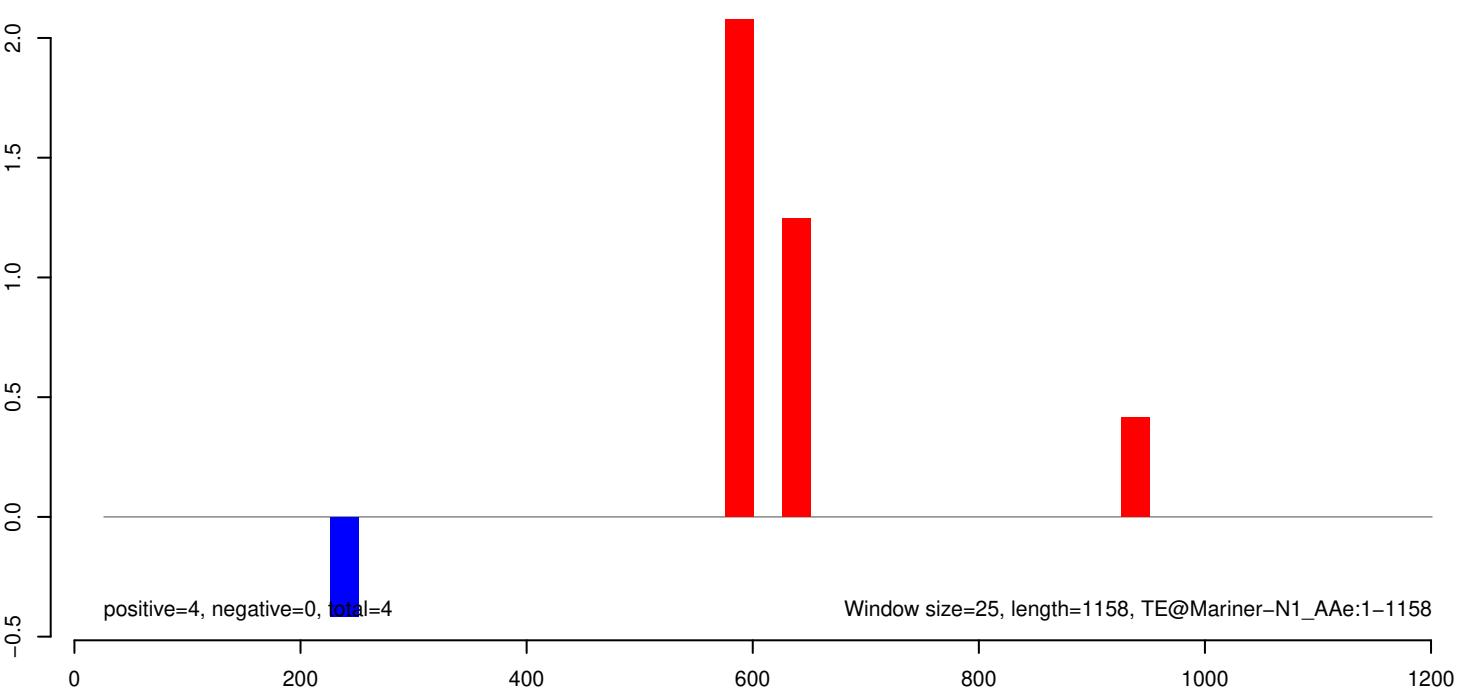
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



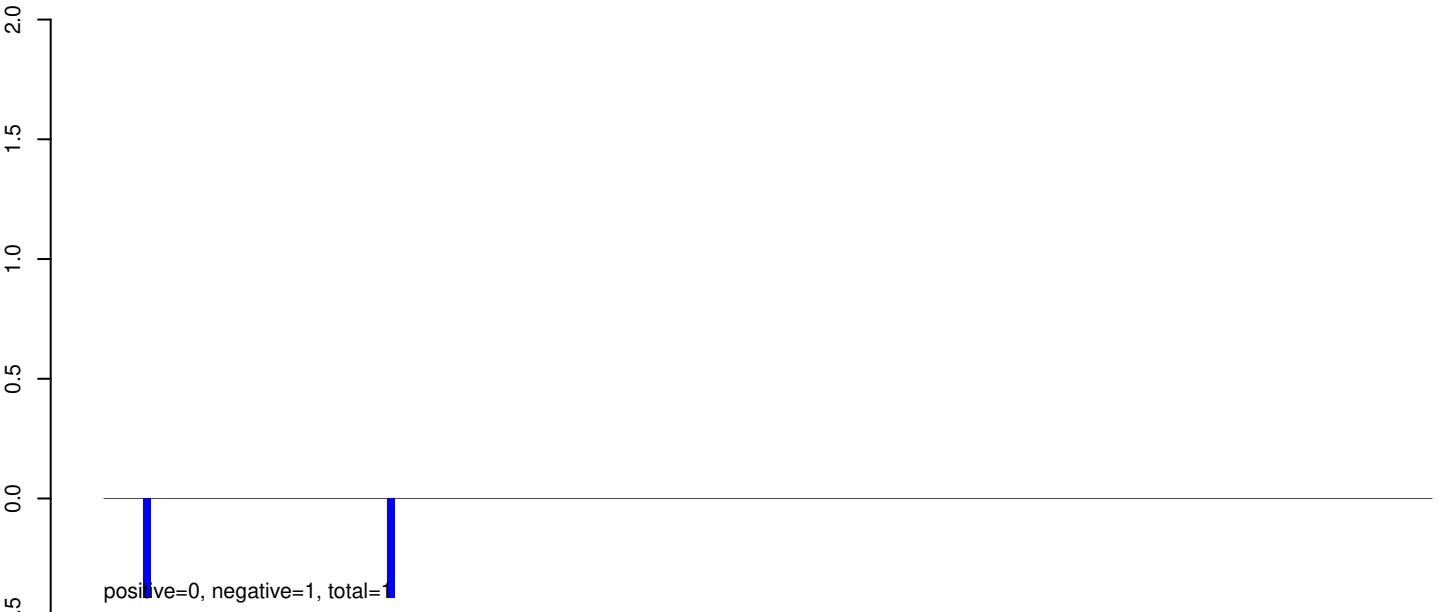
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



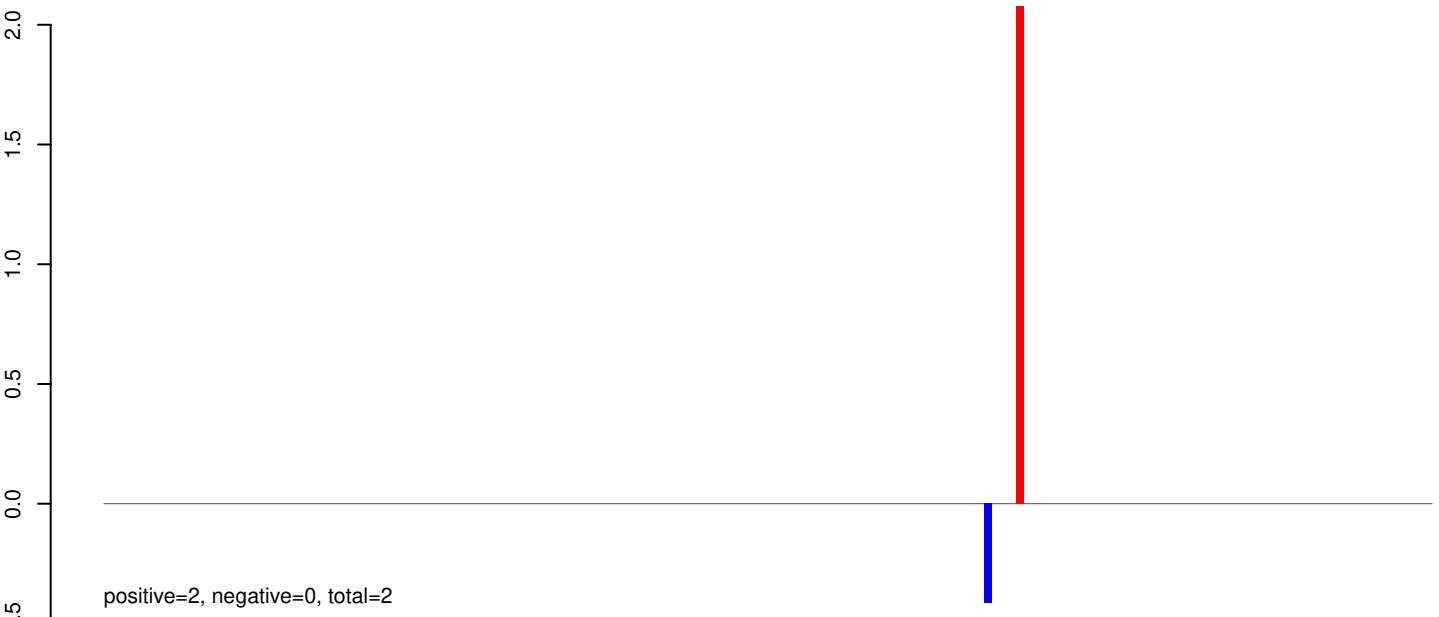
### AeAeg\_Whole\_sm\_r123\_JM.rep



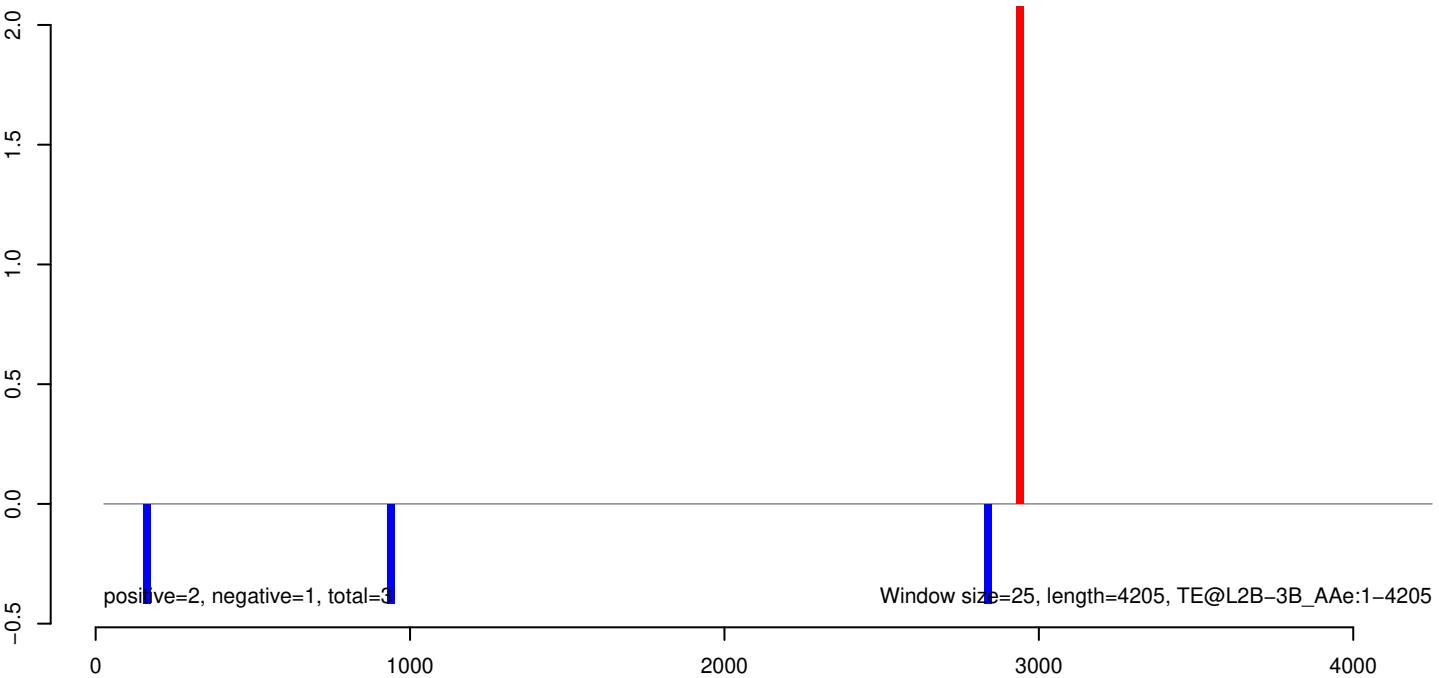
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



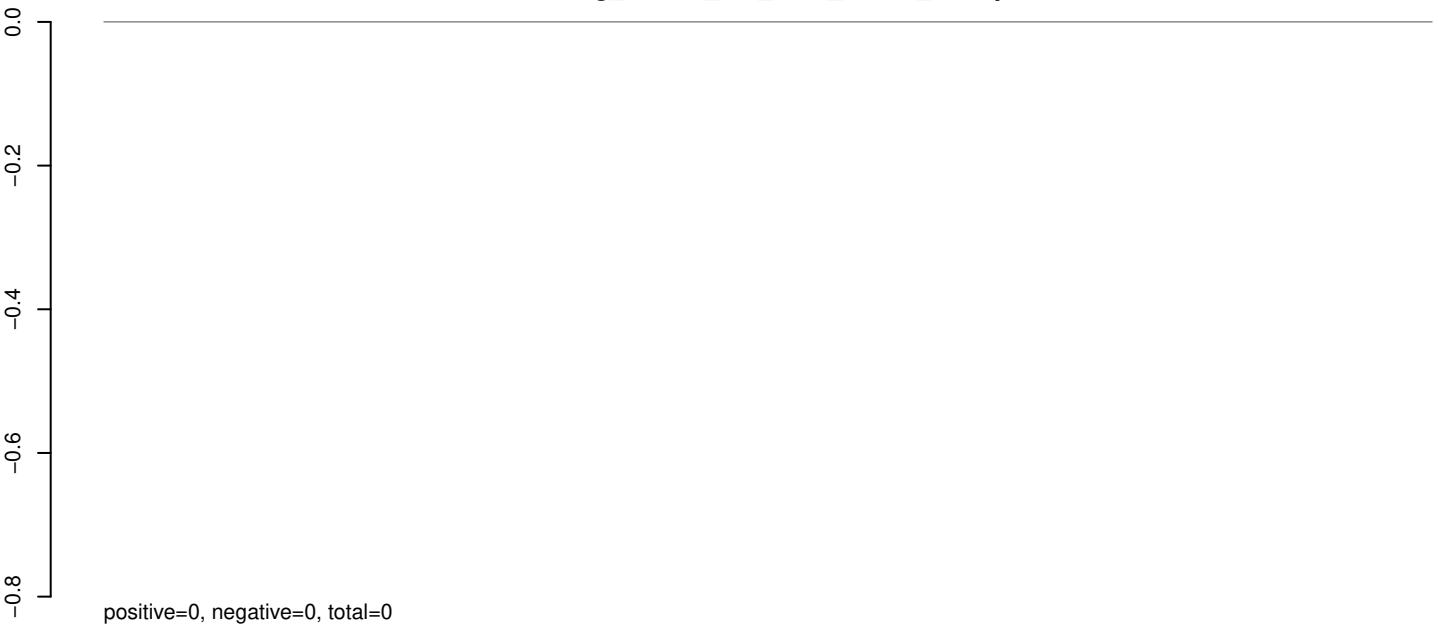
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



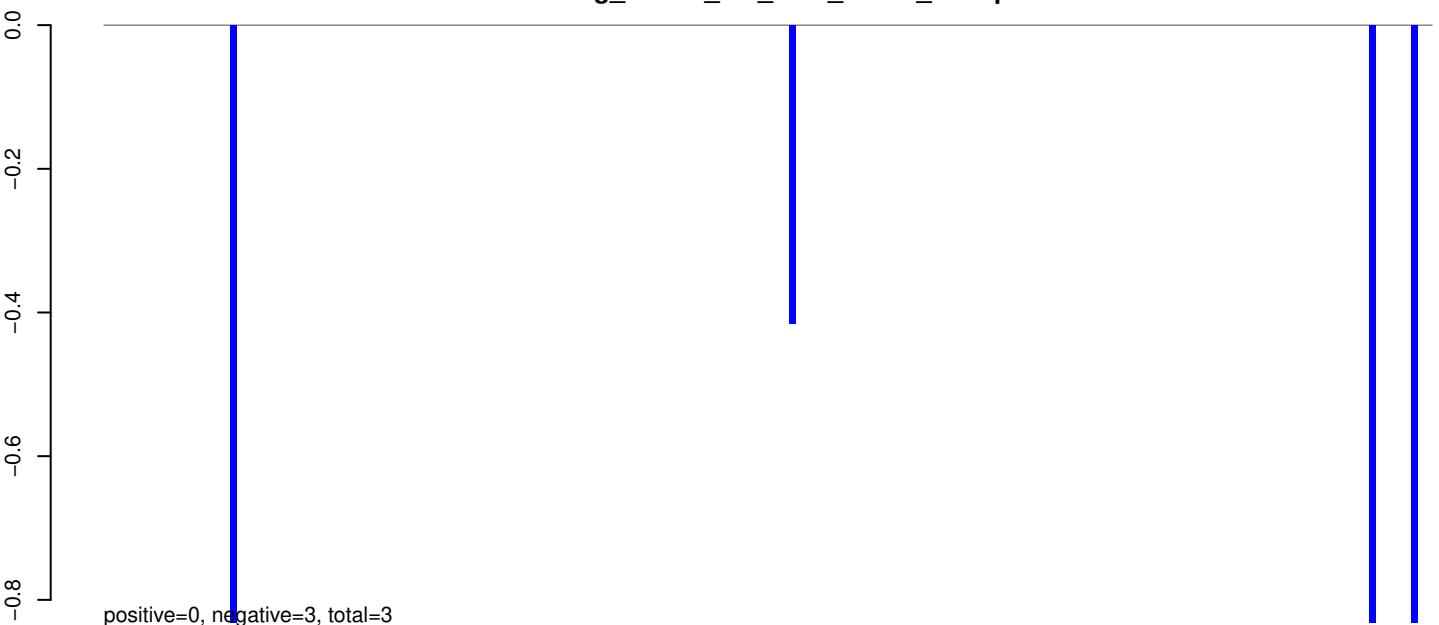
**AeAeg\_Whole\_sm\_r123\_JM.rep**



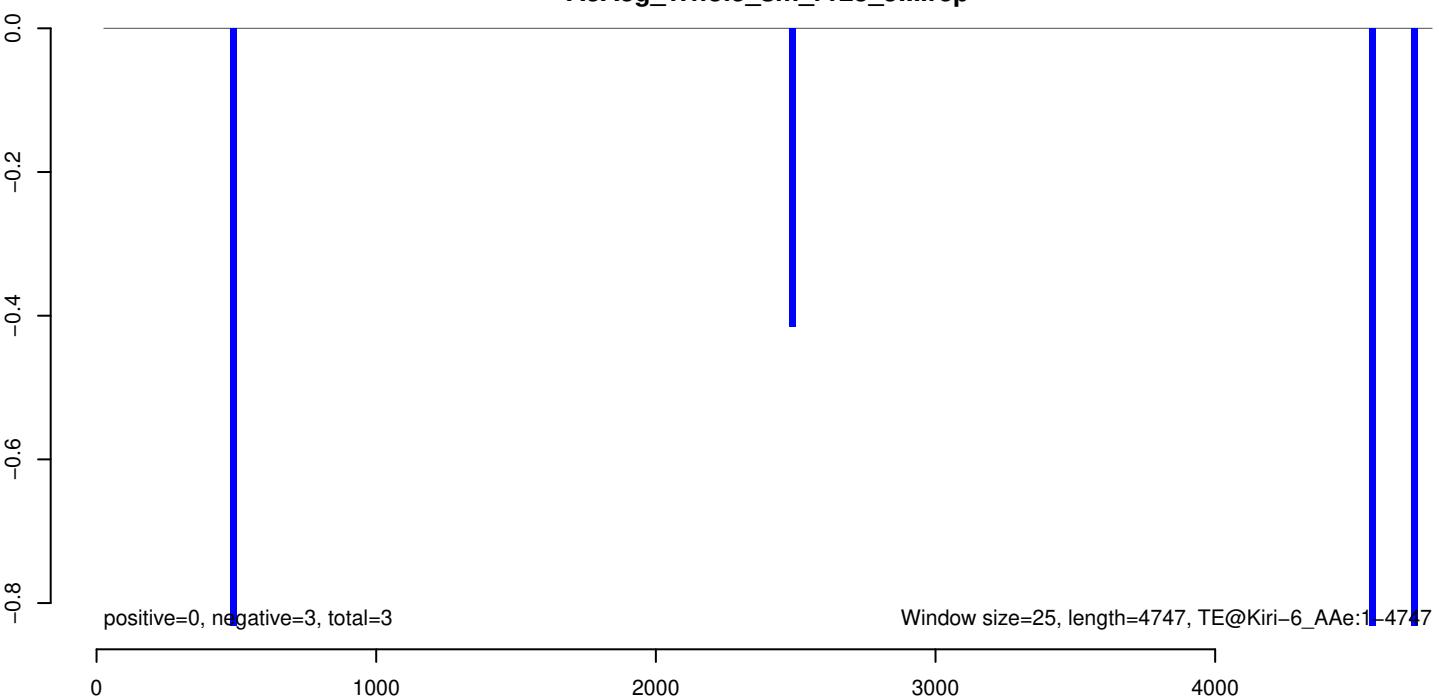
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



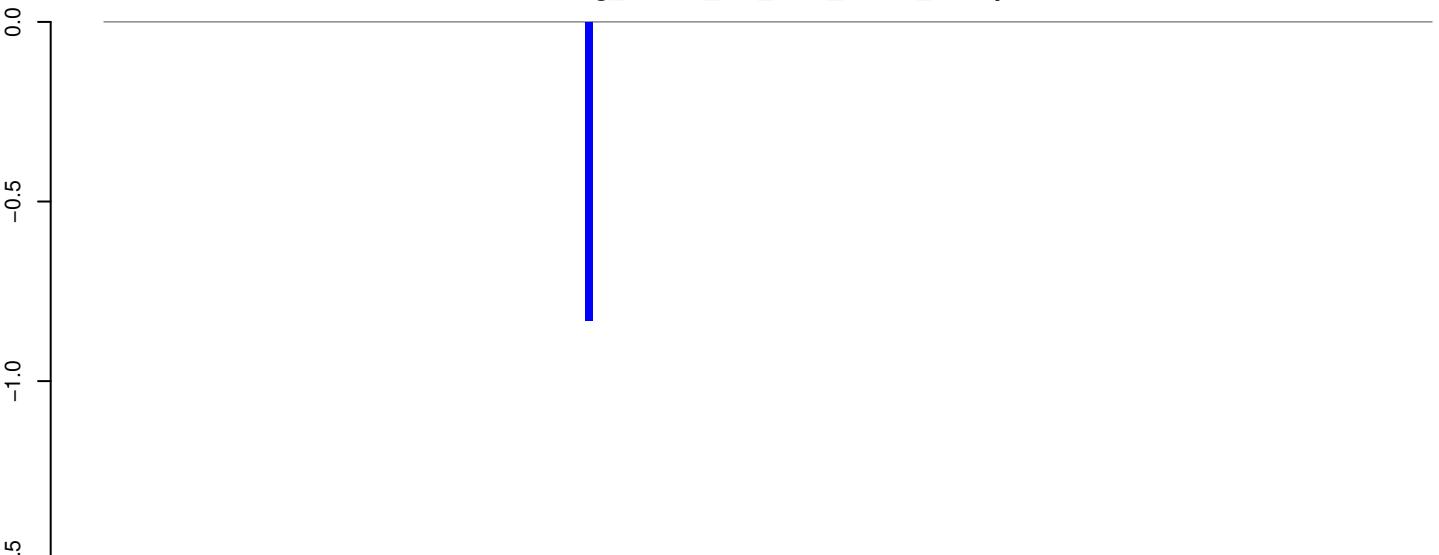
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



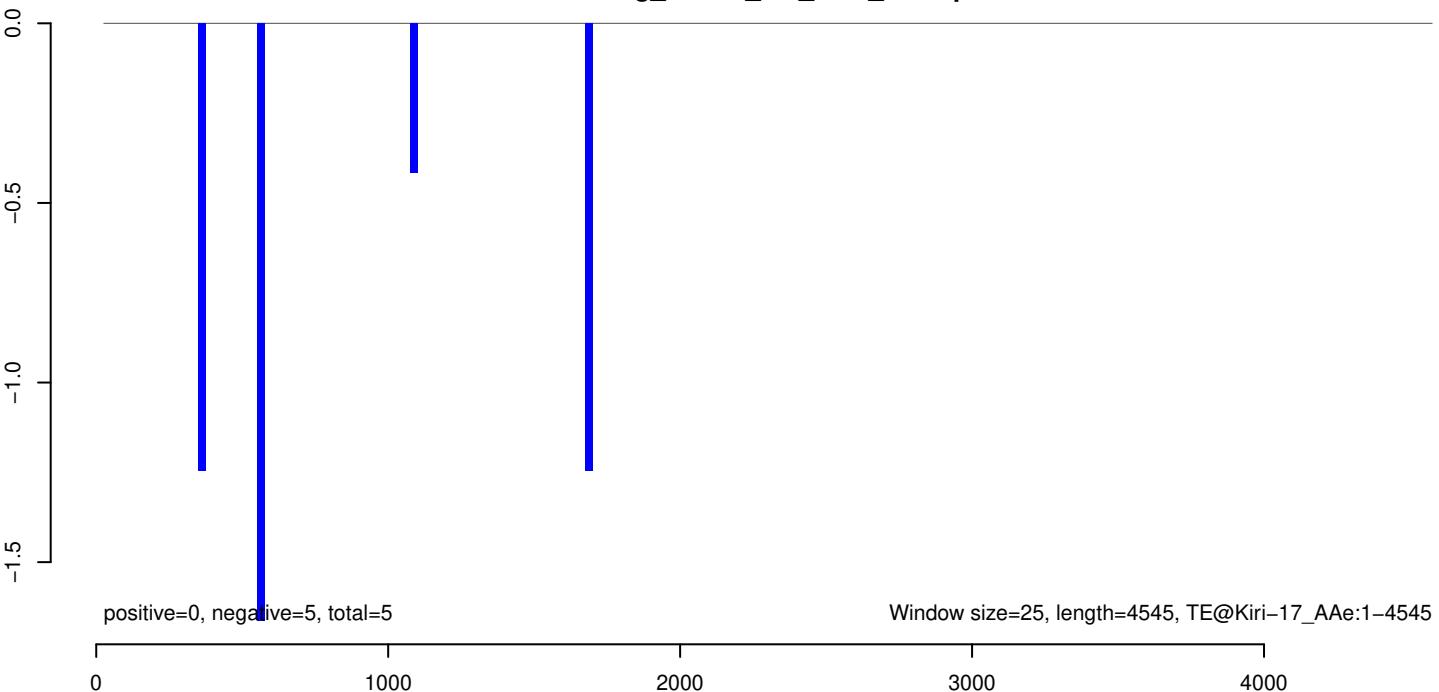
positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=4, total=4

### AeAeg\_Whole\_sm\_r123\_JM.rep

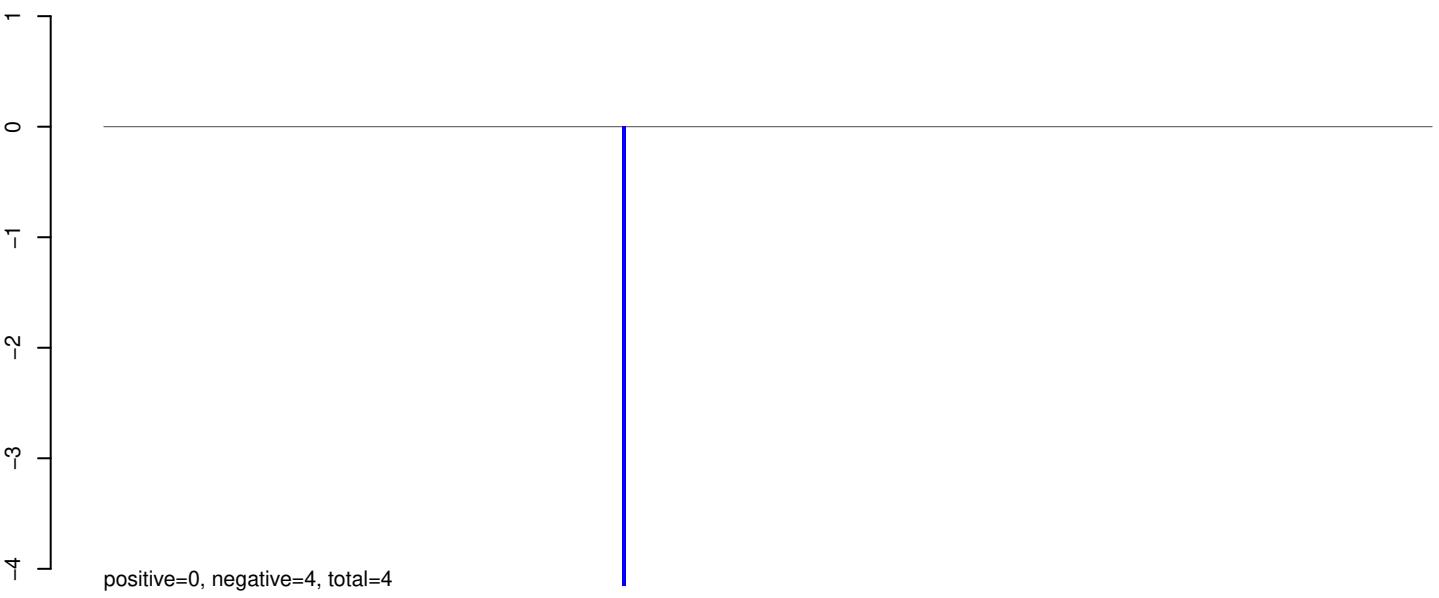


positive=0, negative=5, total=5

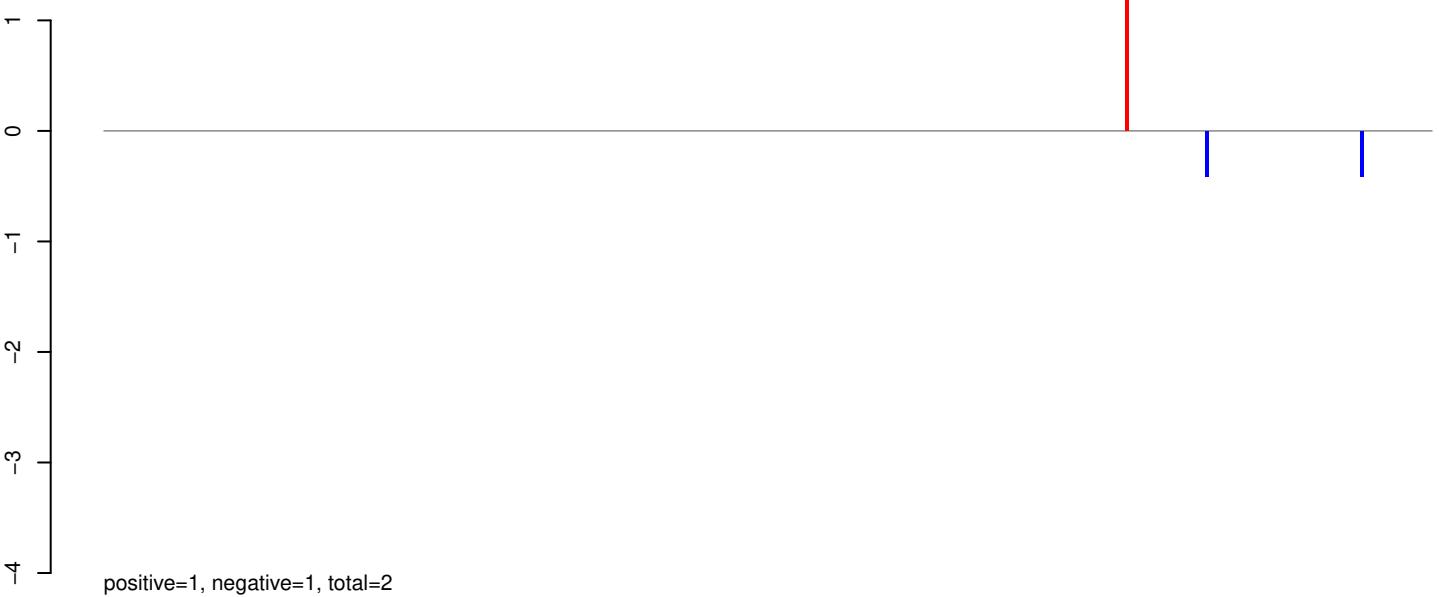
Window size=25, length=4545, TE@Kiri-17\_AAe:1-4545

0 1000 2000 3000 4000

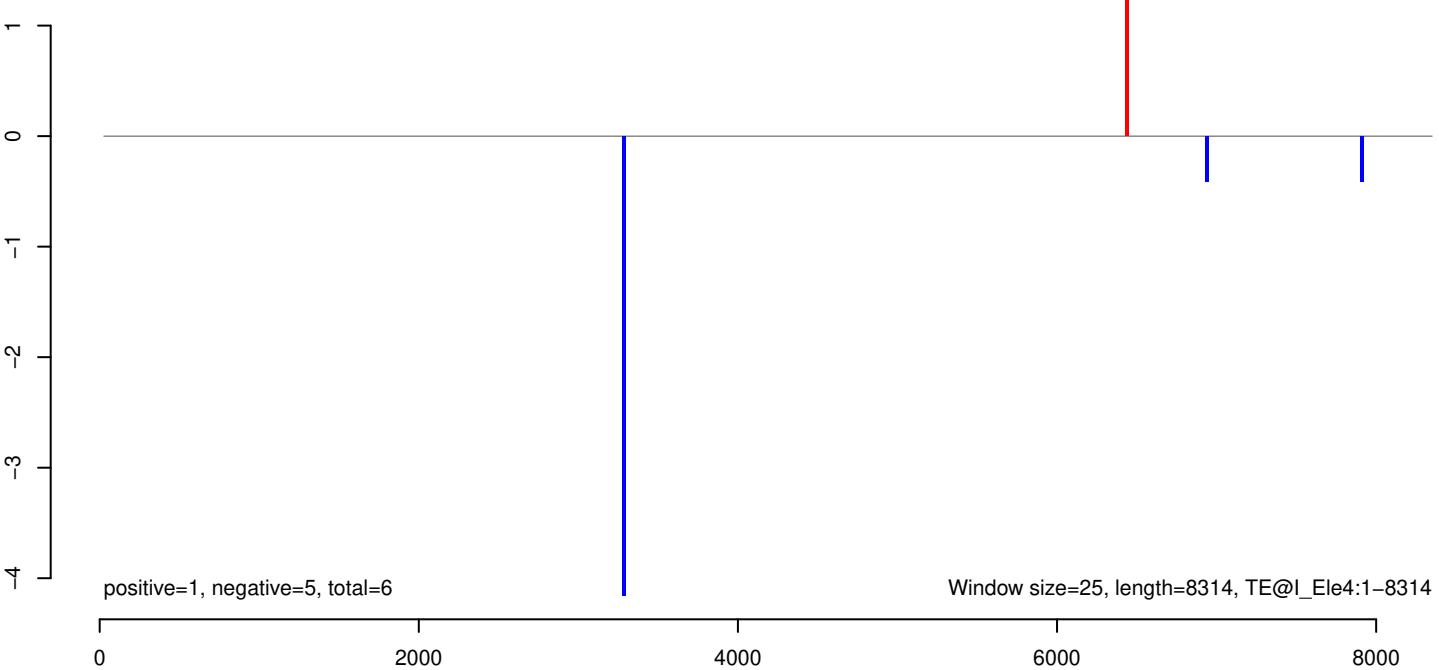
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



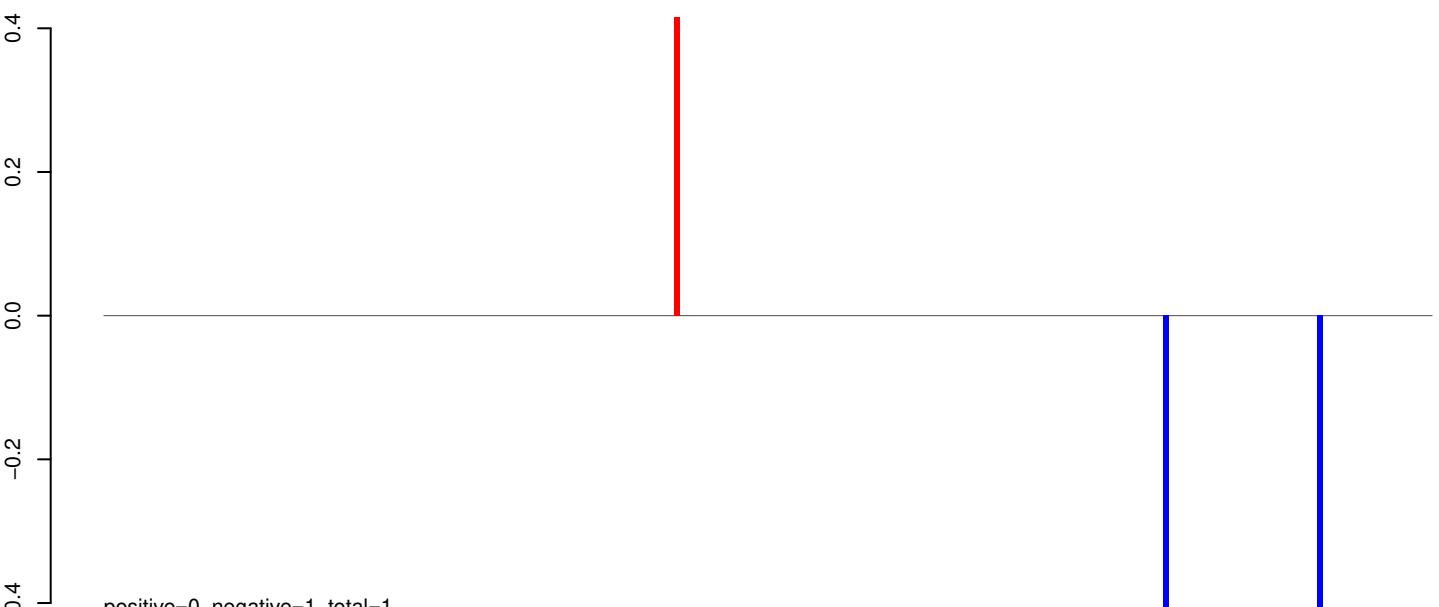
**AeAeg\_Whole\_sm\_r123\_JM.rep**



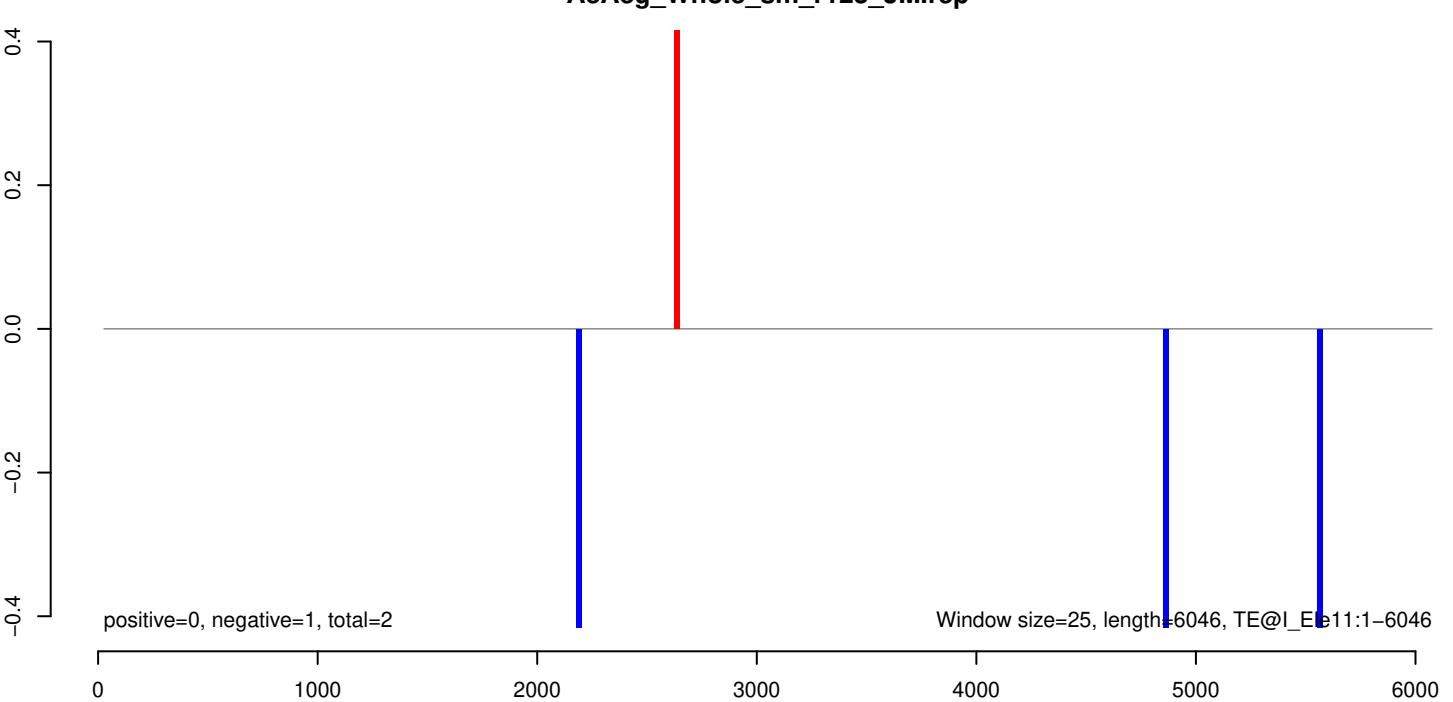
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



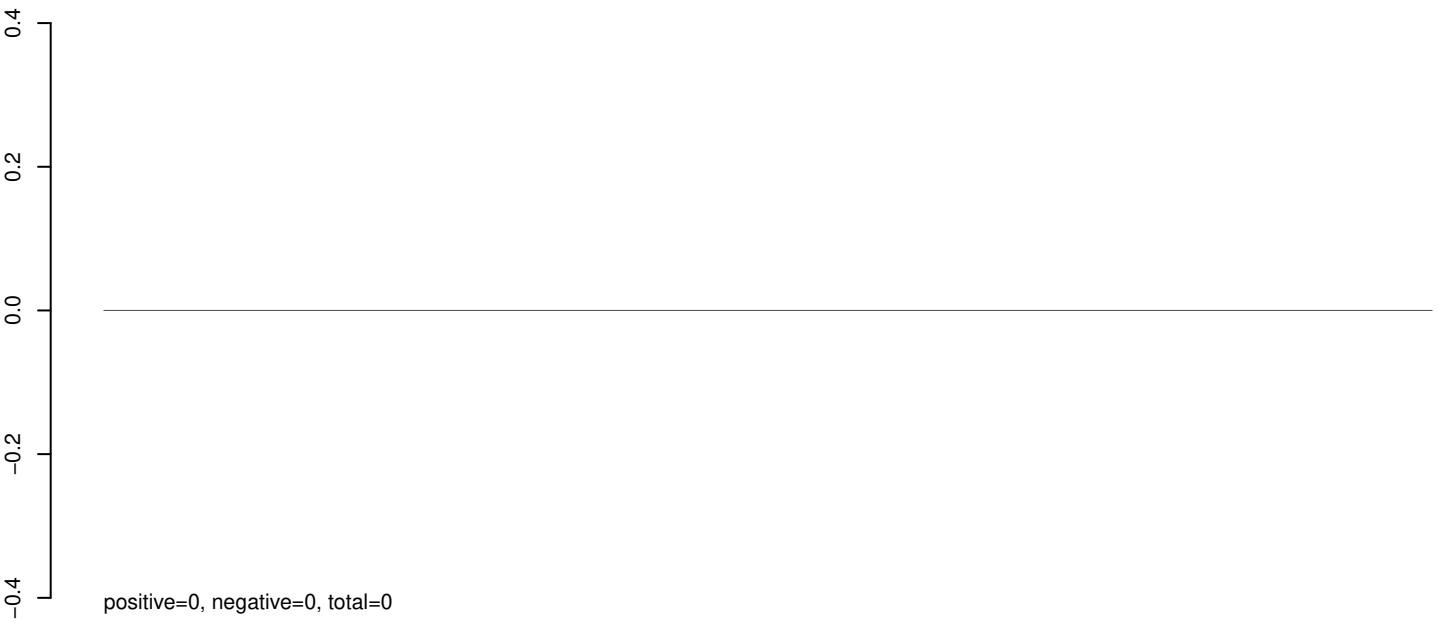
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



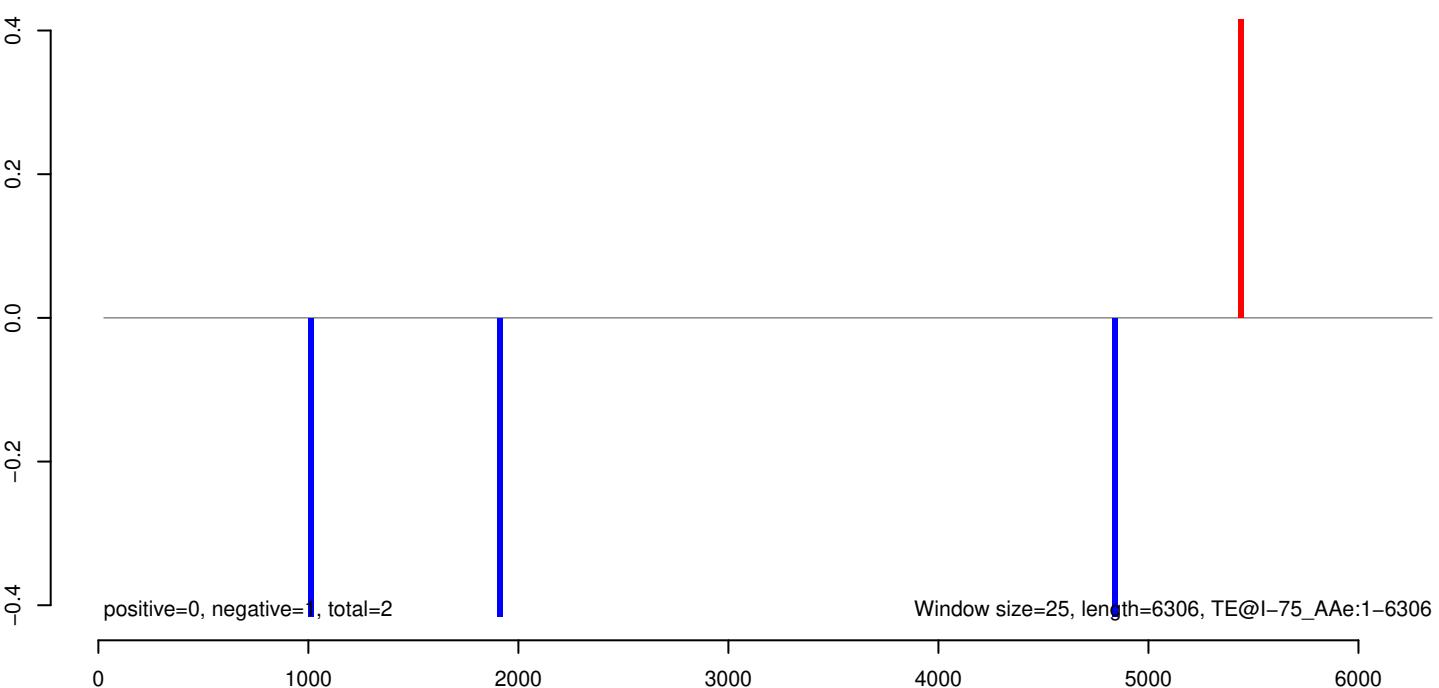
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

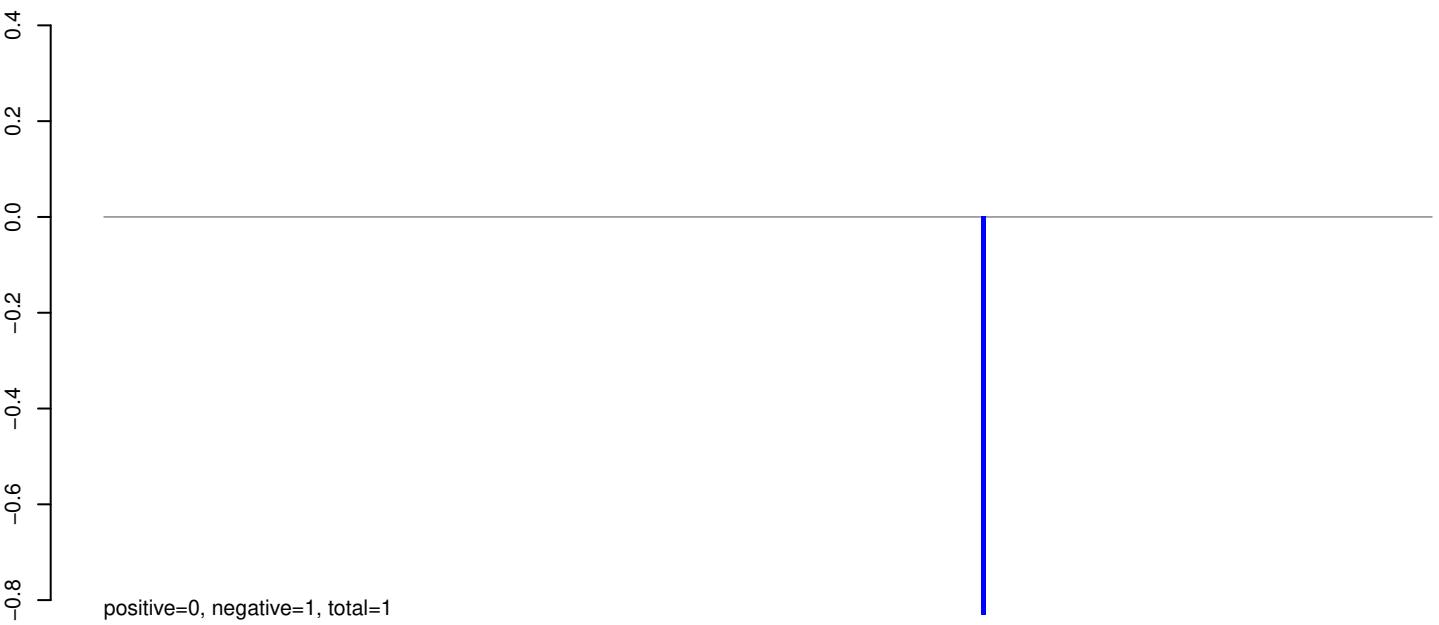


### AeAeg\_Whole\_sm\_r123\_JM.rep



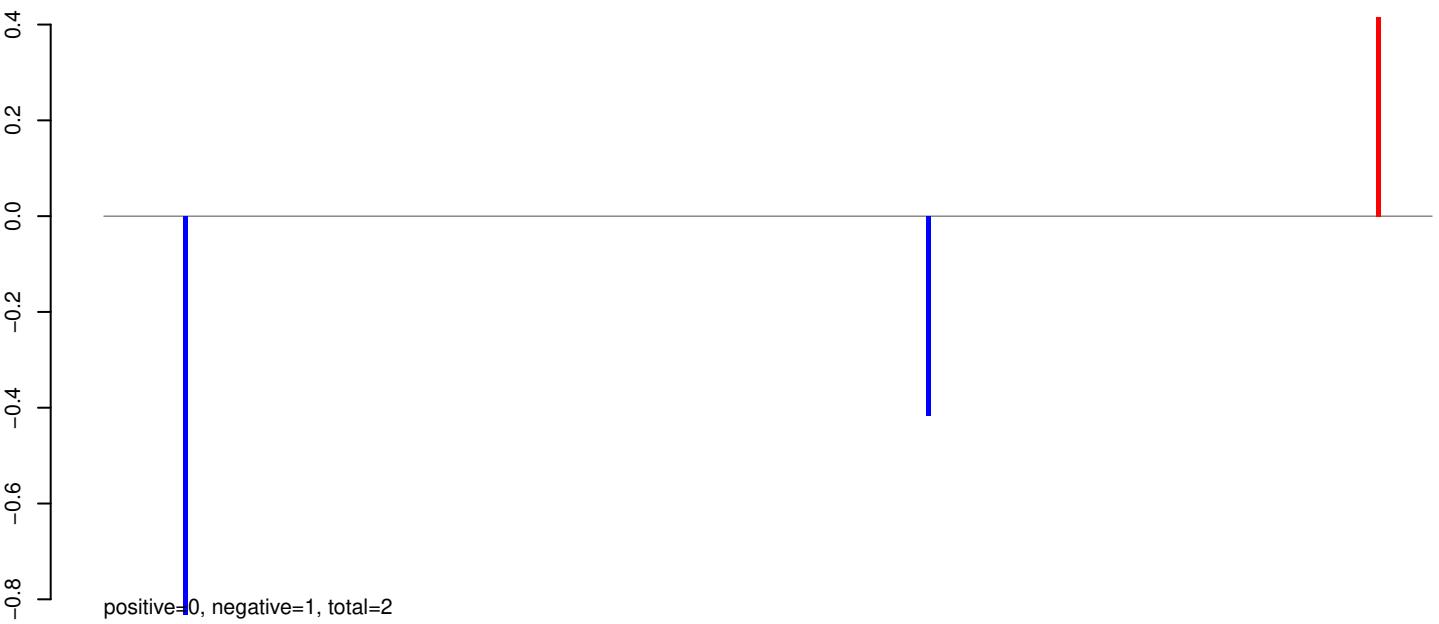
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

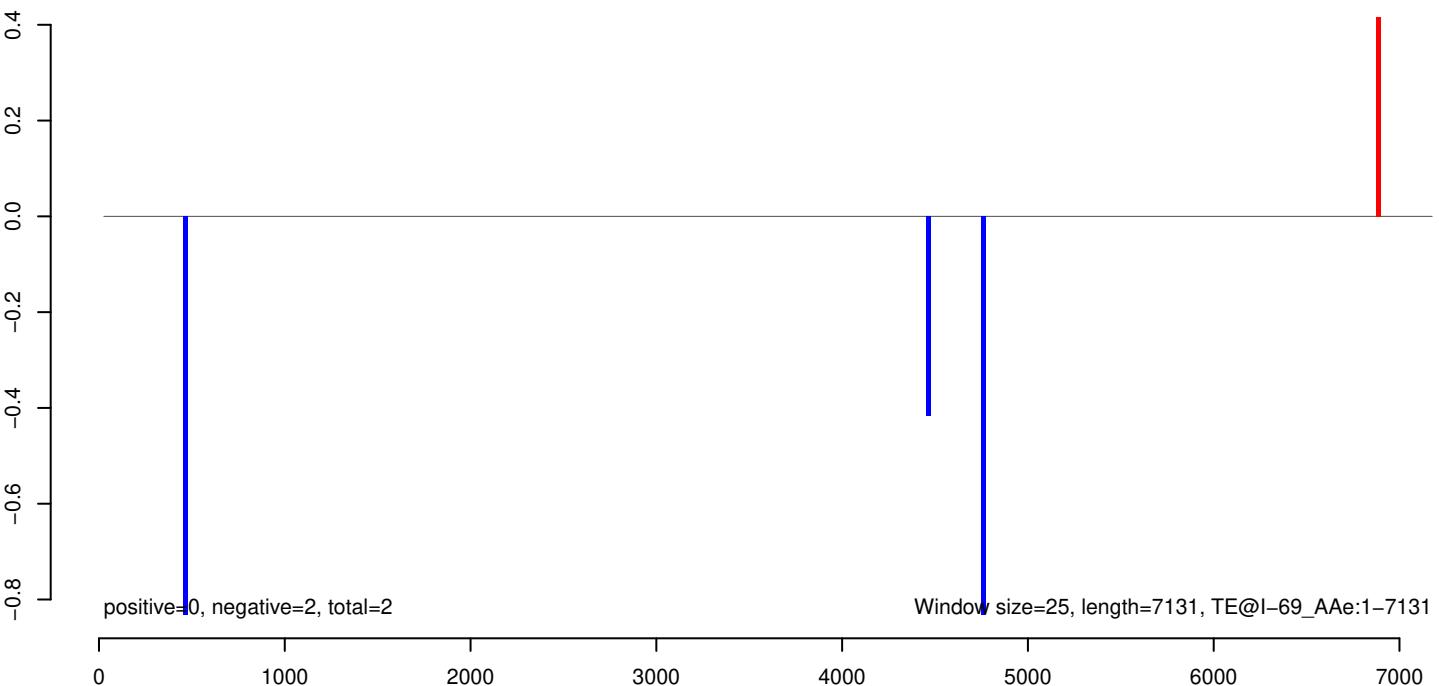
positive=0, negative=1, total=2



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

Window size=25, length=7131, TE@I-69\_AAE:1-7131



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=1, negative=0, total=1

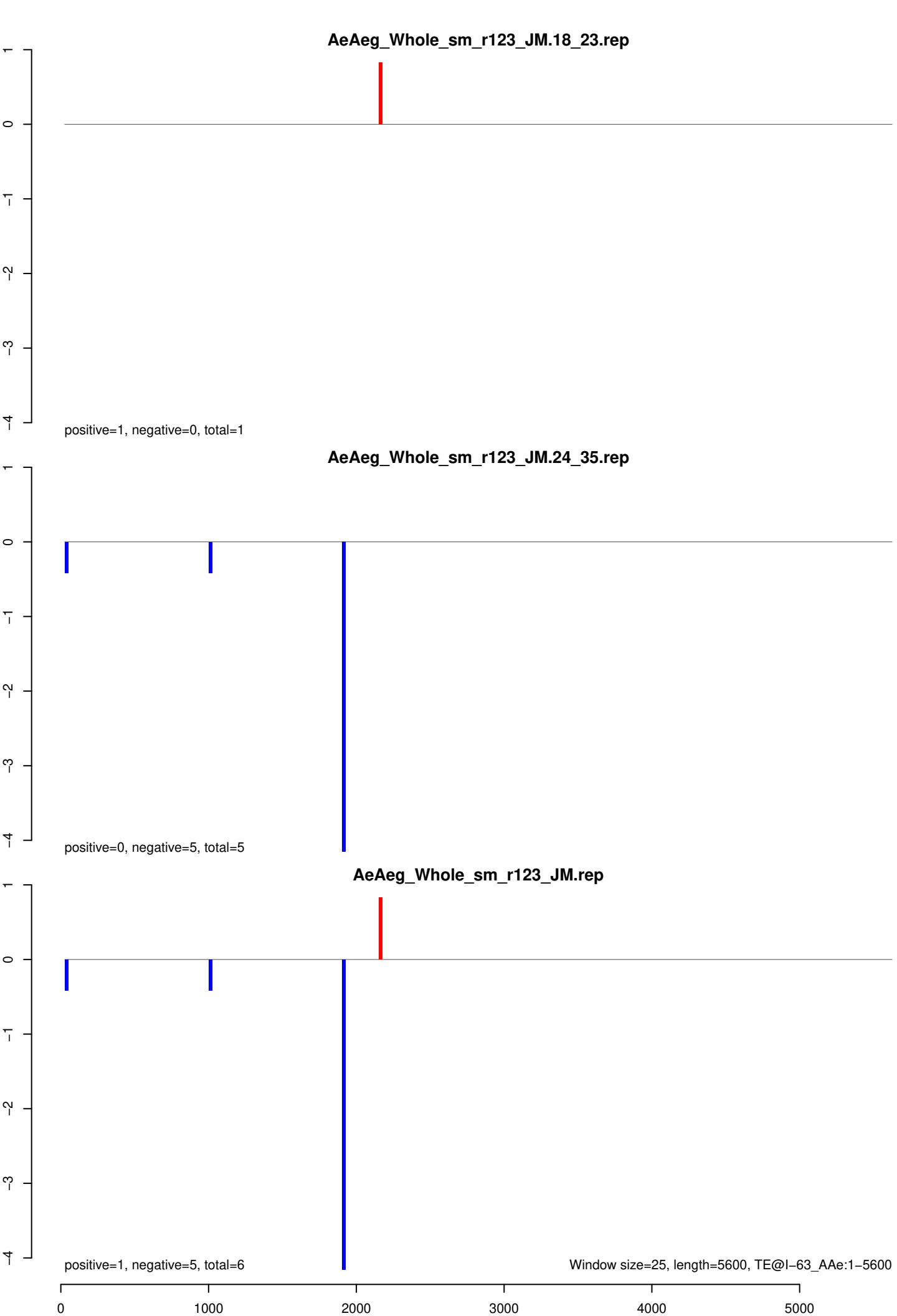
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=5, total=5

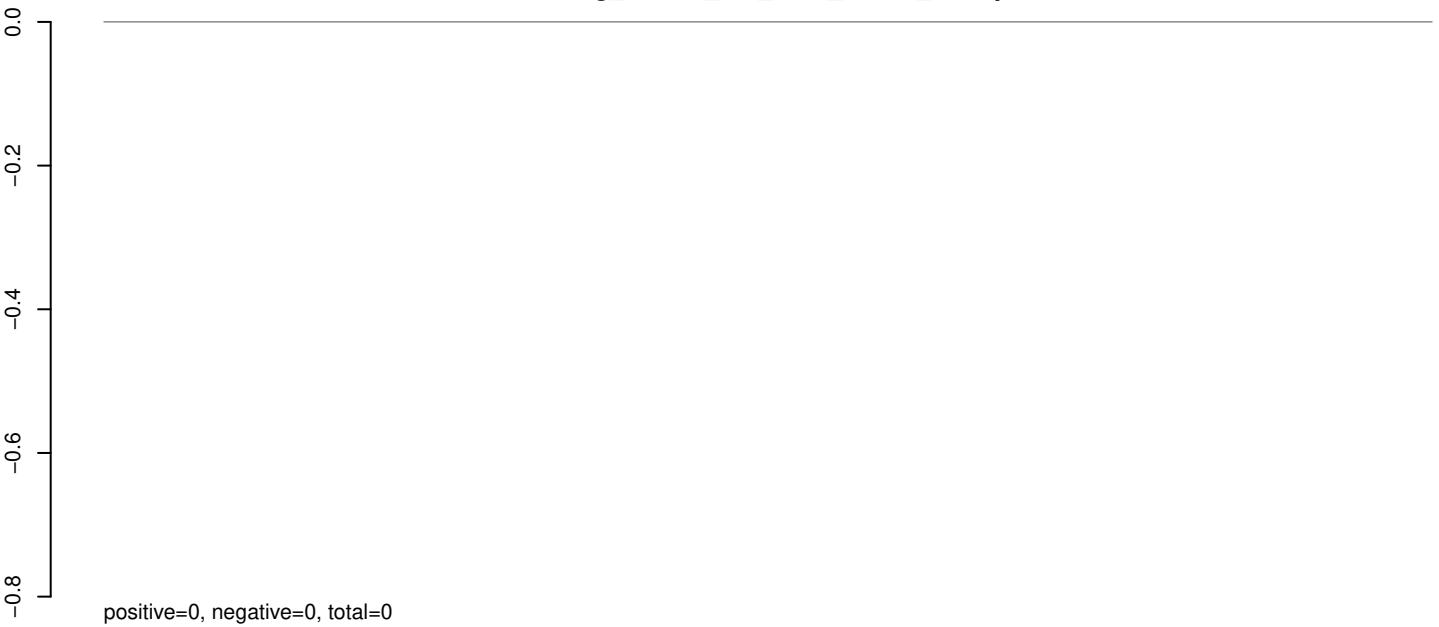
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=5, total=6

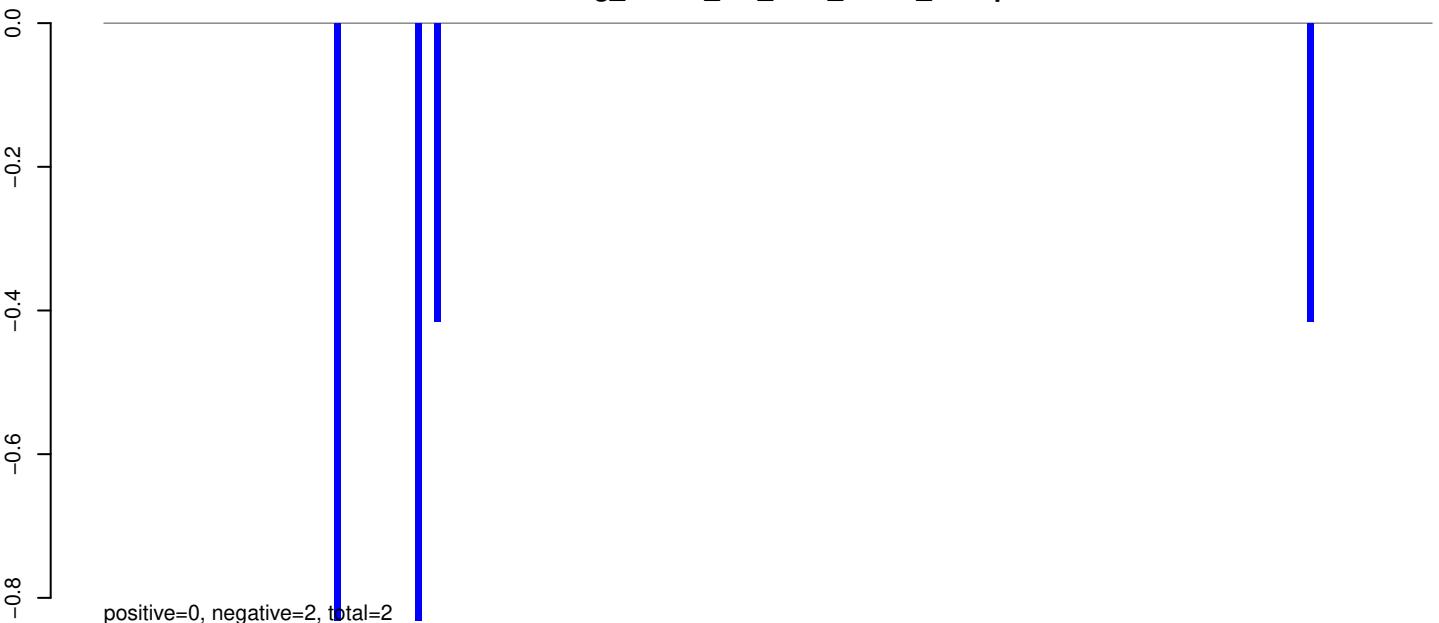
Window size=25, length=5600, TE@I-63\_AAe:1-5600



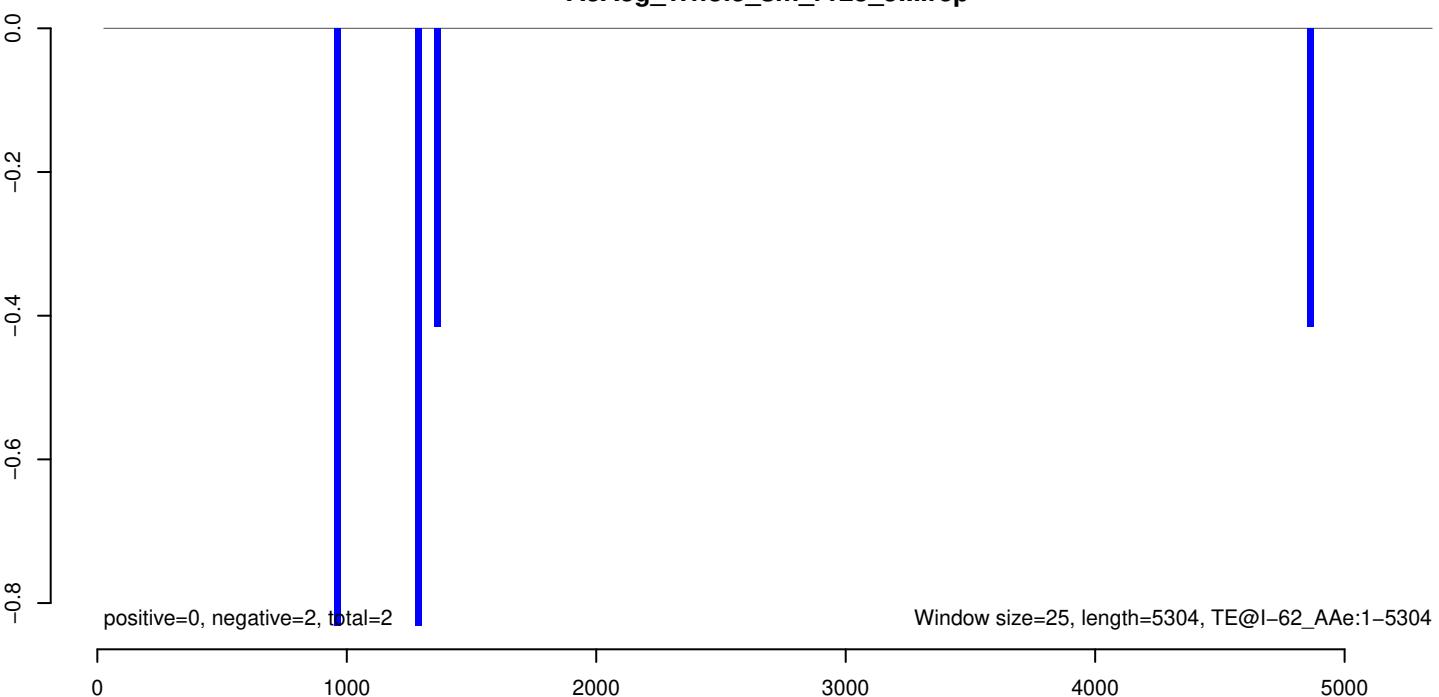
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

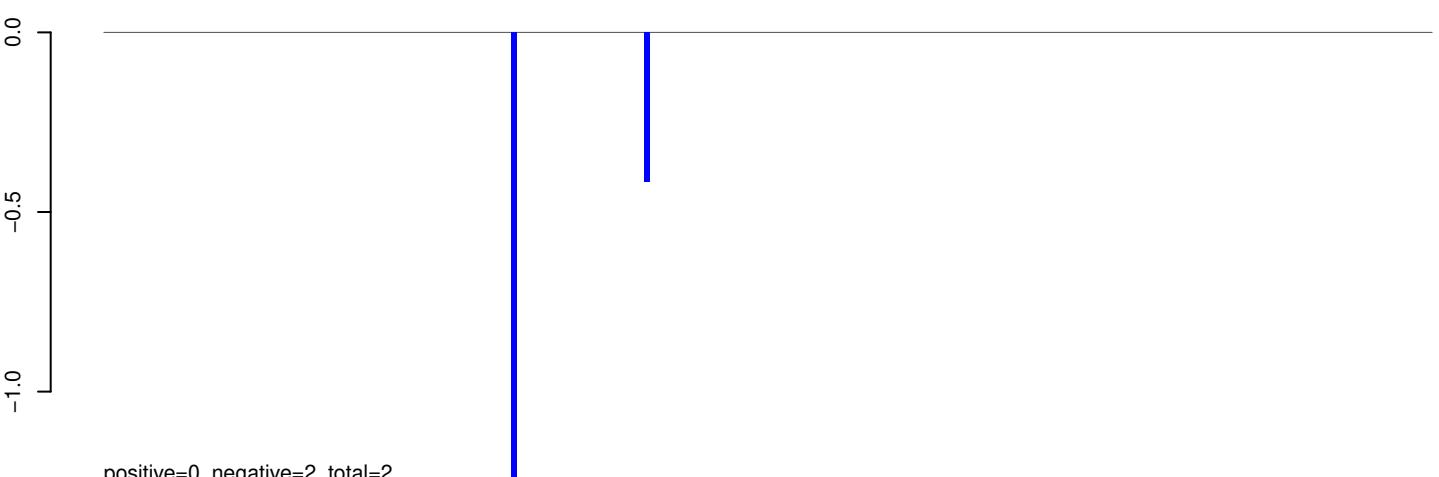


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



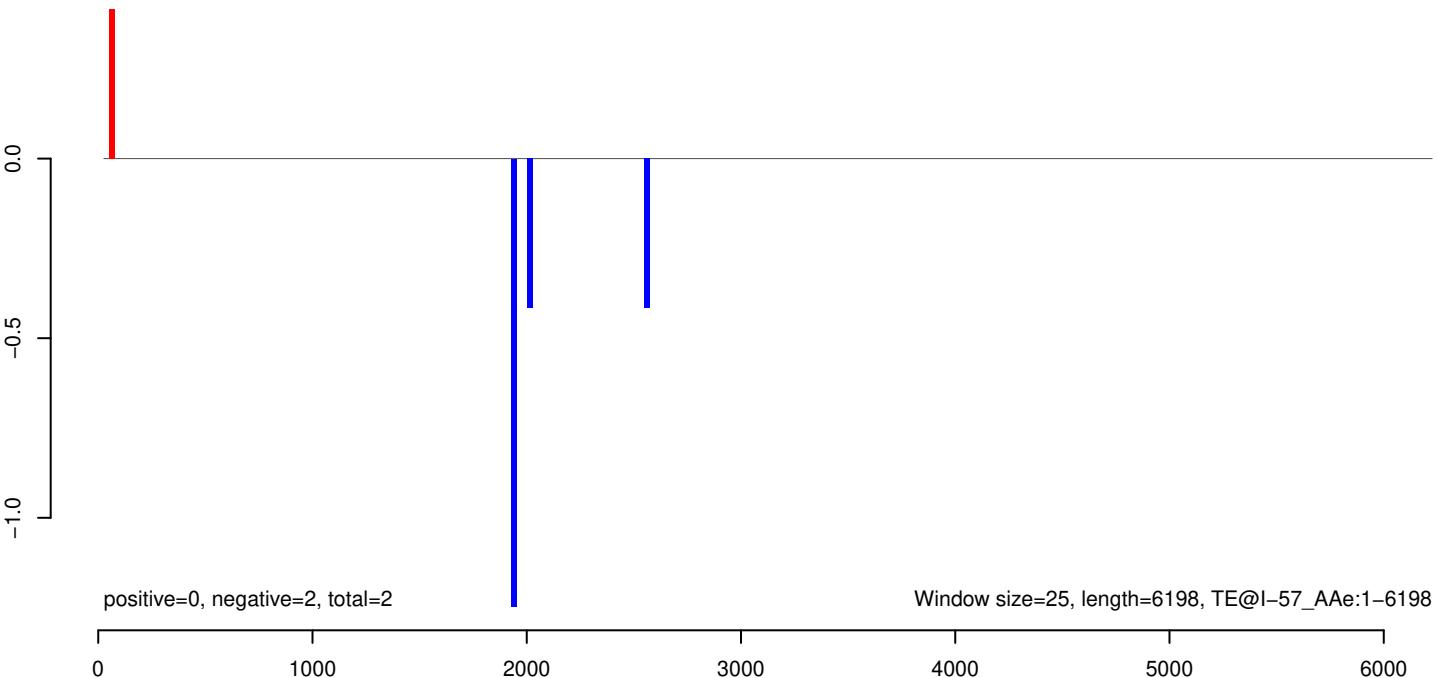
positive=0, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=2, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

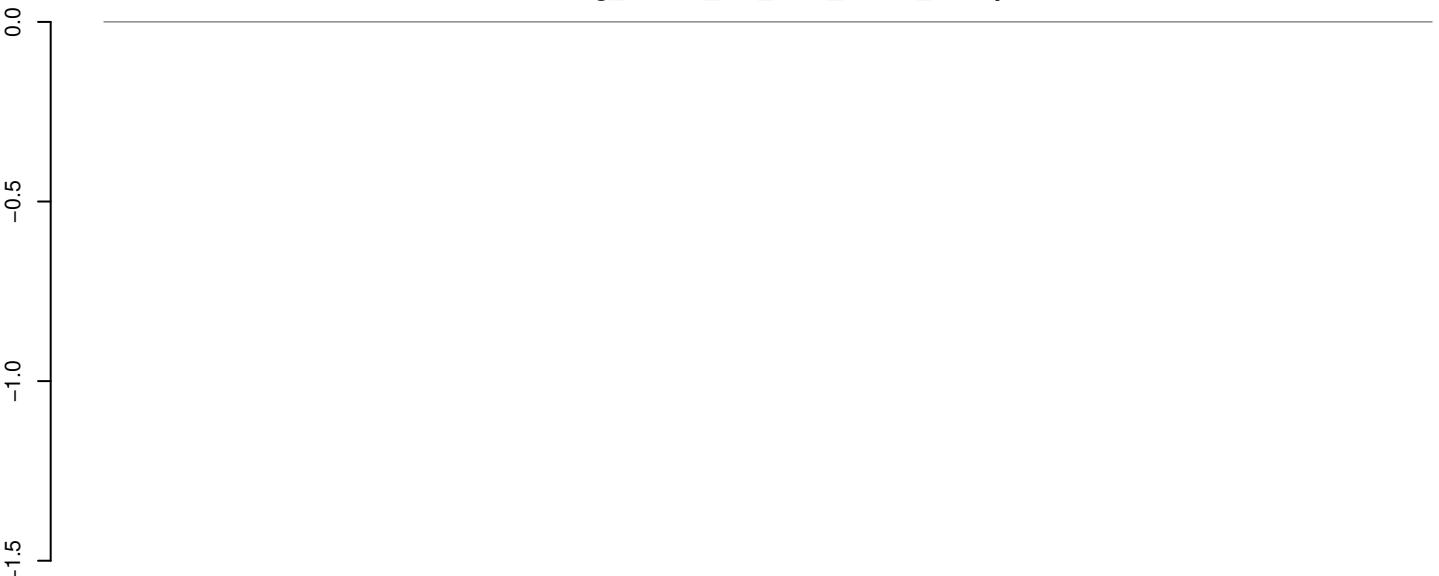


positive=0, negative=2, total=2

Window size=25, length=6198, TE@I-57\_AAE:1-6198

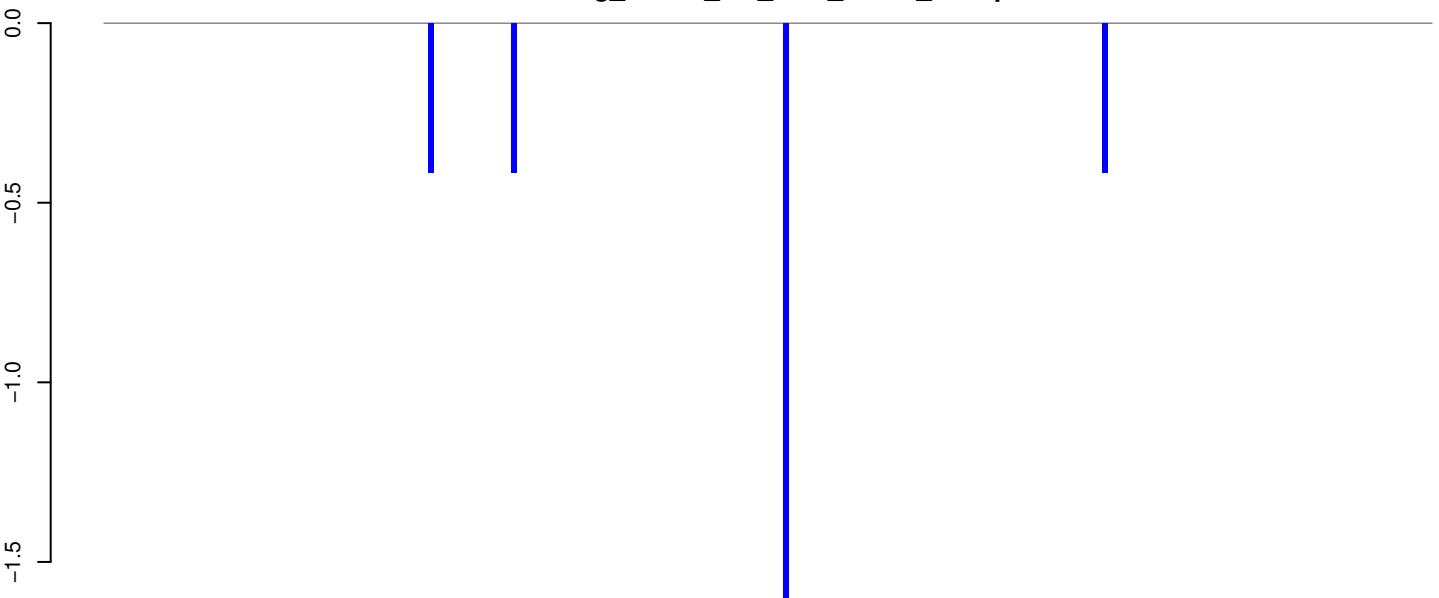
0 1000 2000 3000 4000 5000 6000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



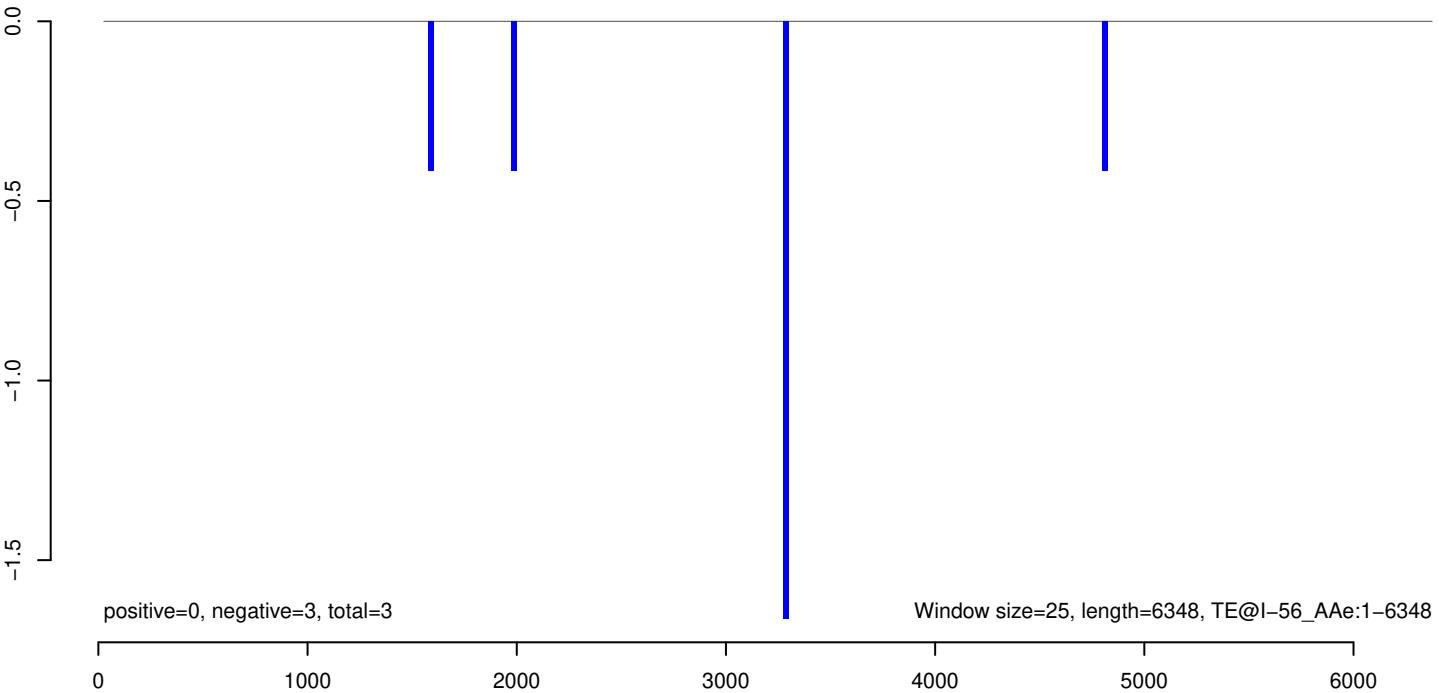
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=3, total=3

### AeAeg\_Whole\_sm\_r123\_JM.rep

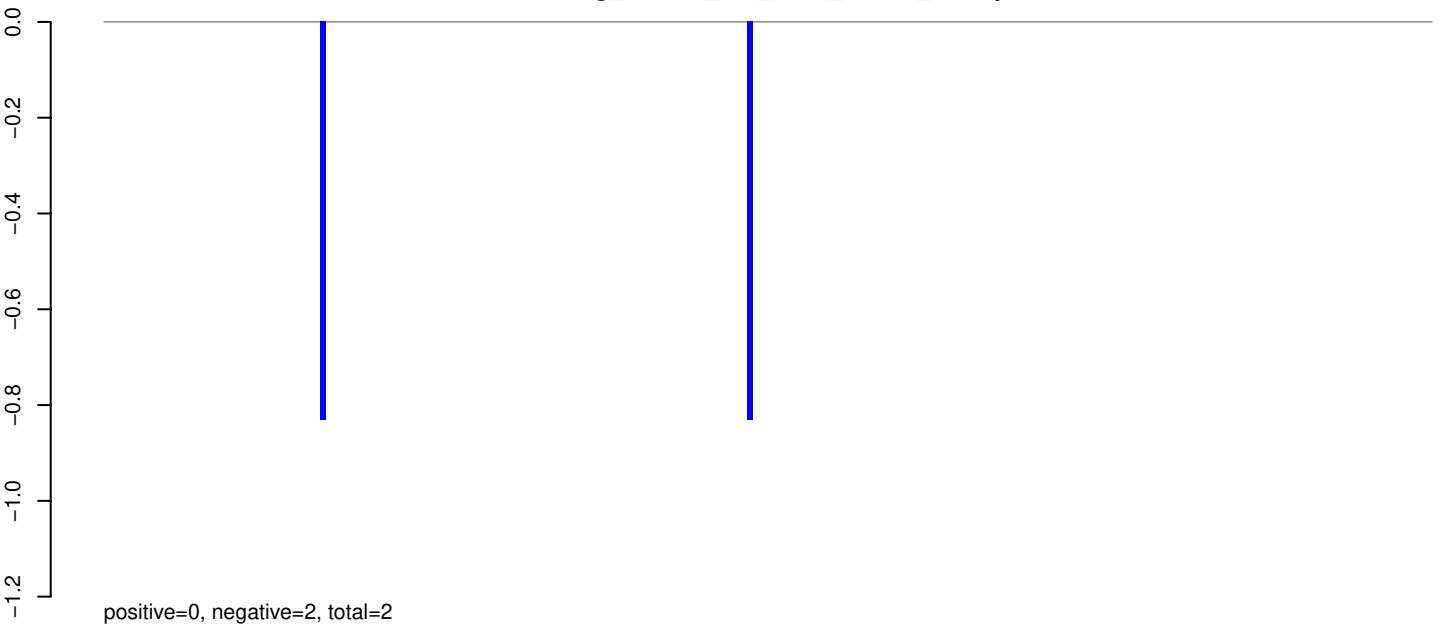


positive=0, negative=3, total=3

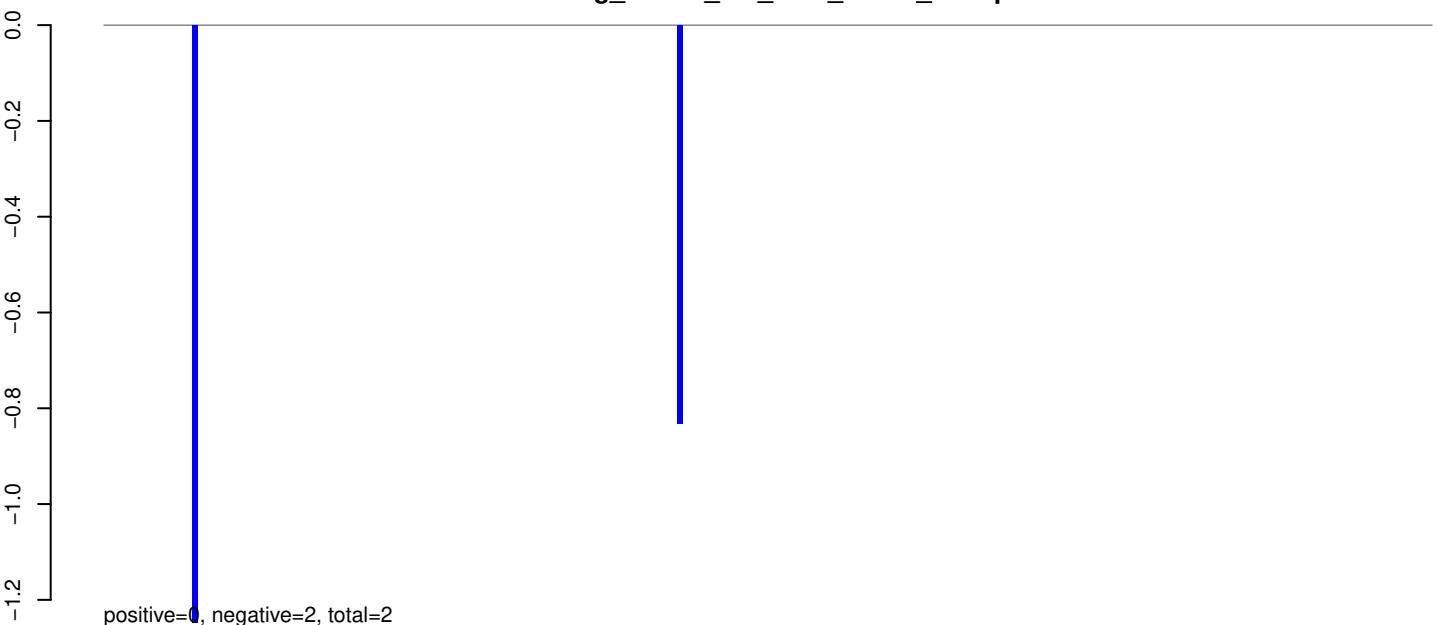
Window size=25, length=6348, TE@I-56\_AAe:1-6348

0 1000 2000 3000 4000 5000 6000

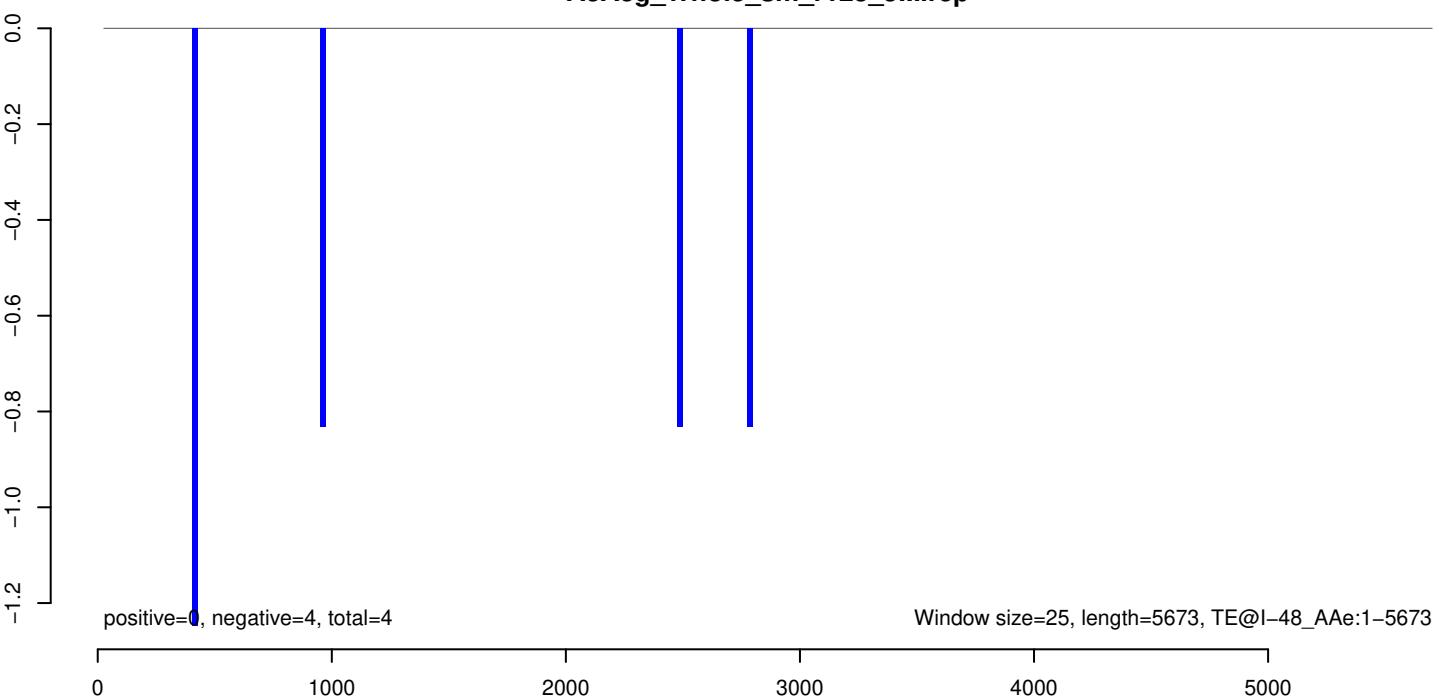
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



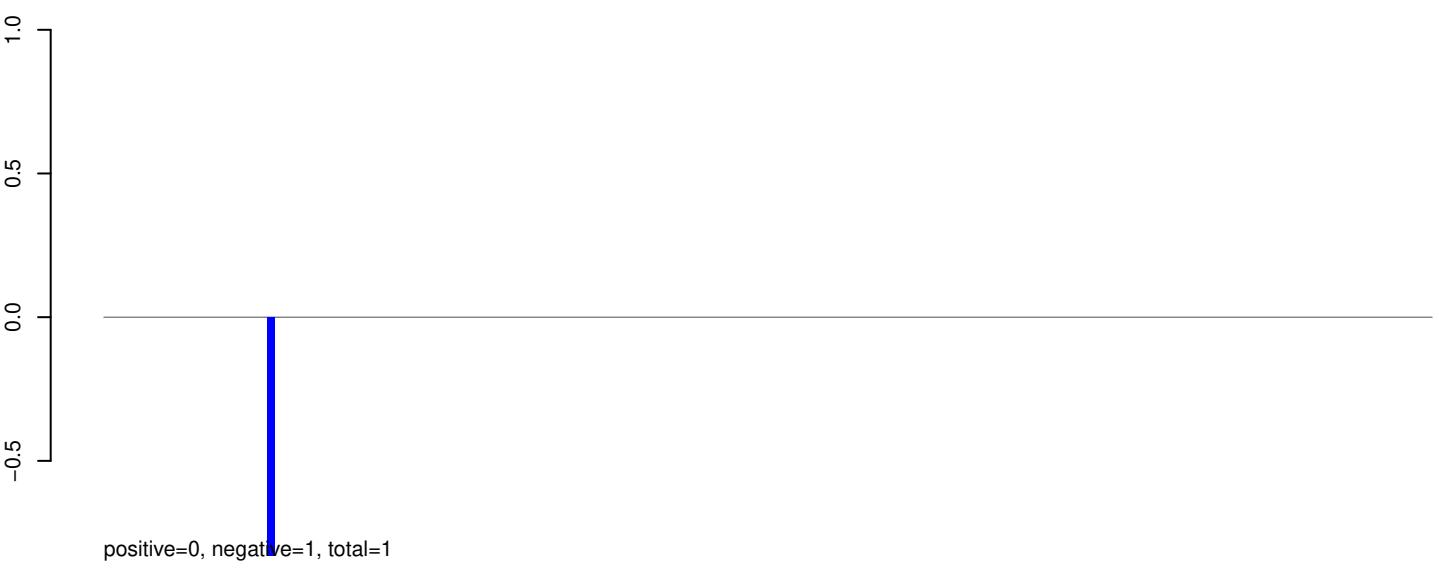
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



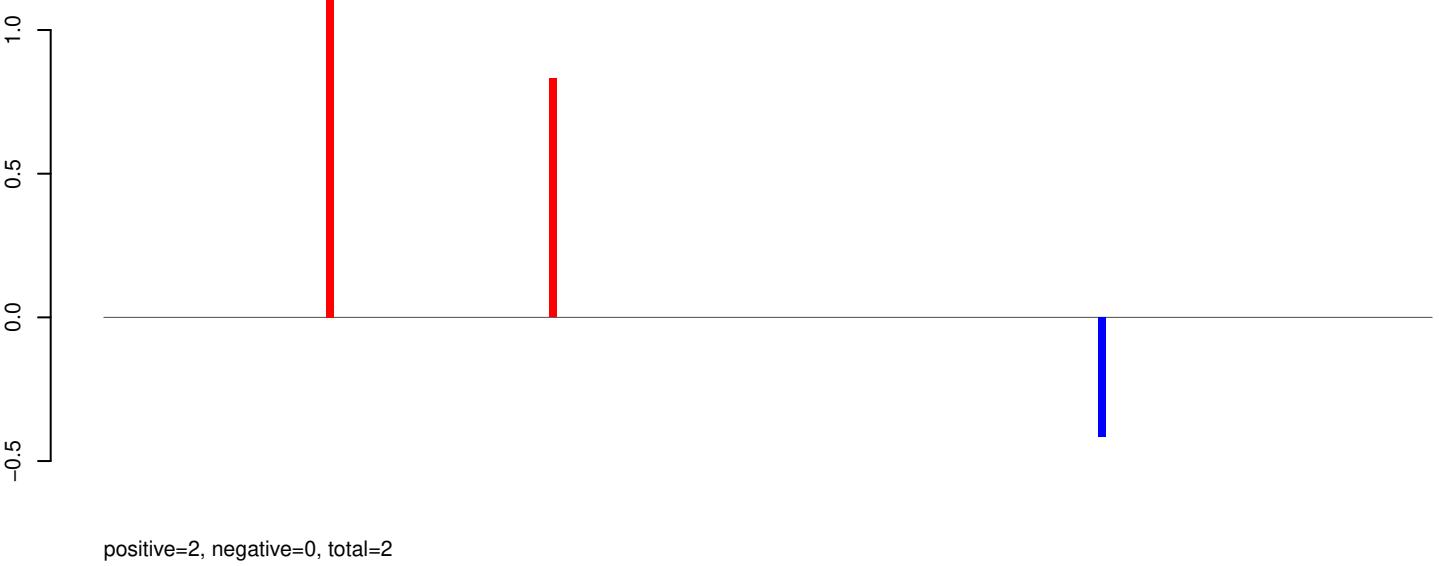
### AeAeg\_Whole\_sm\_r123\_JM.rep



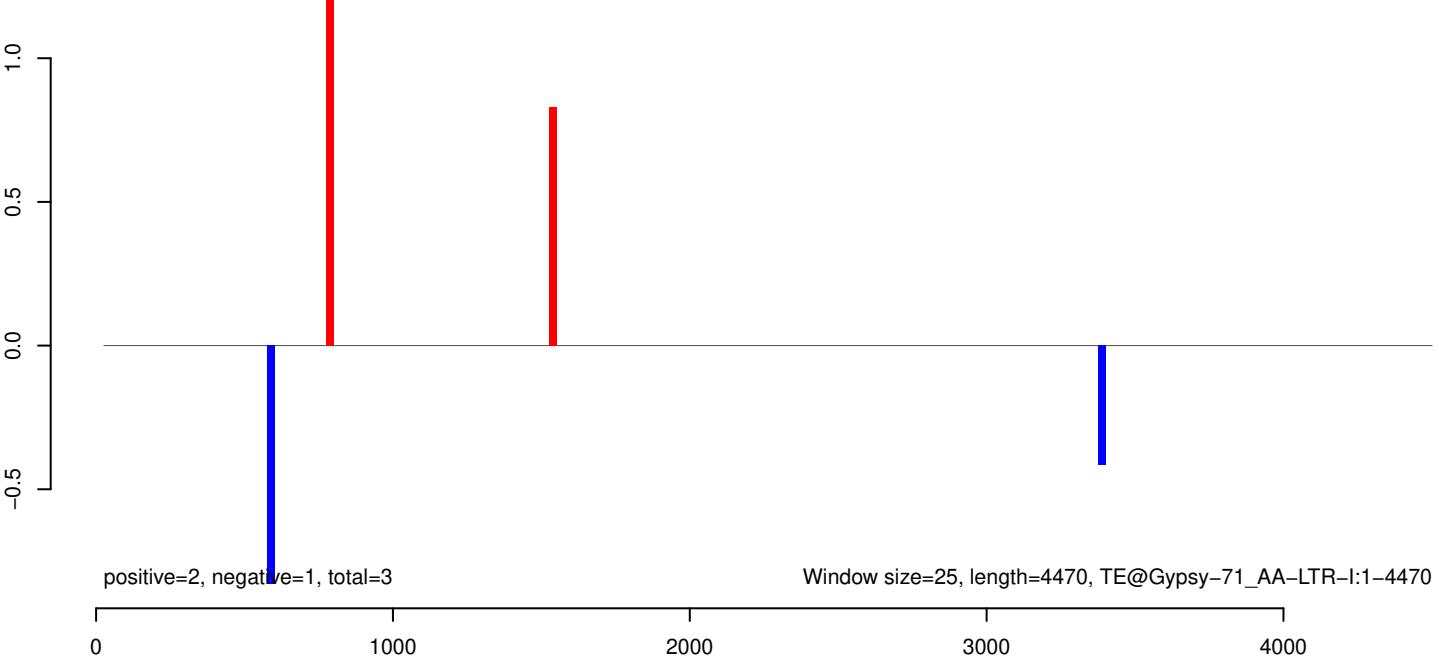
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

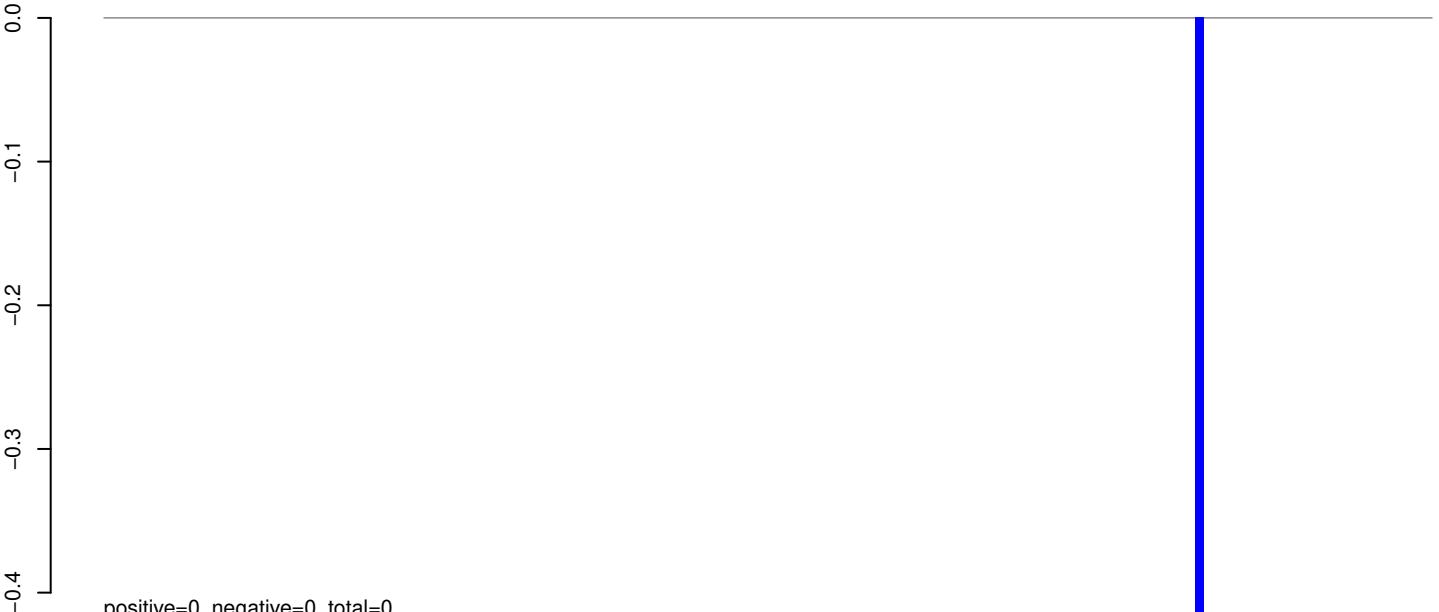


**AeAeg\_Whole\_sm\_r123\_JM.rep**



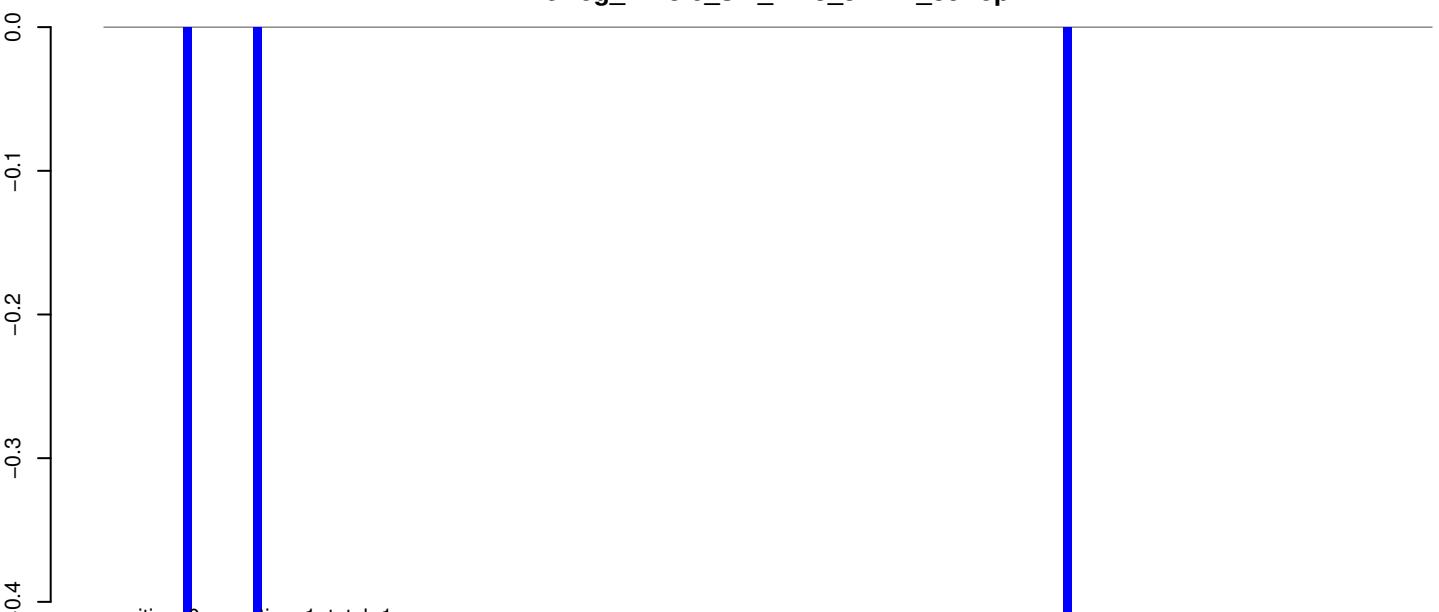
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

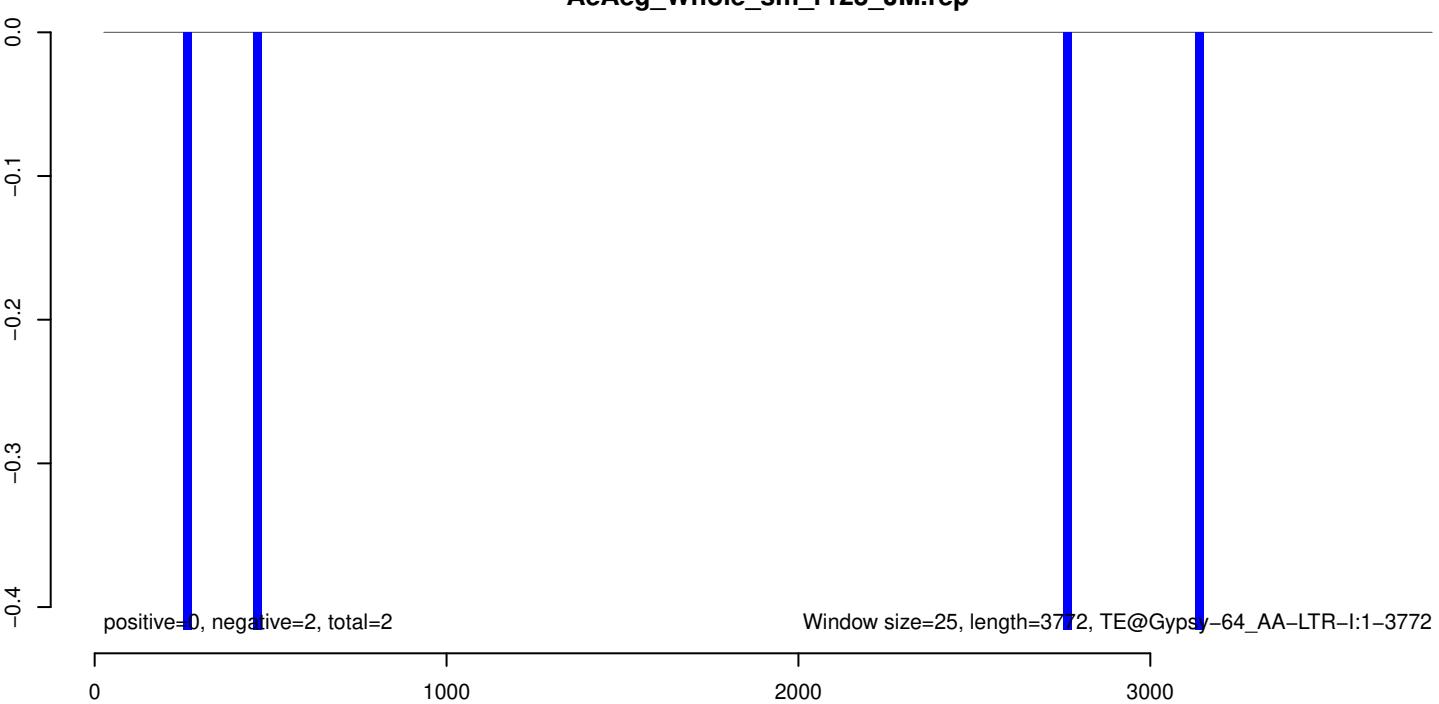
positive=0, negative=1, total=1



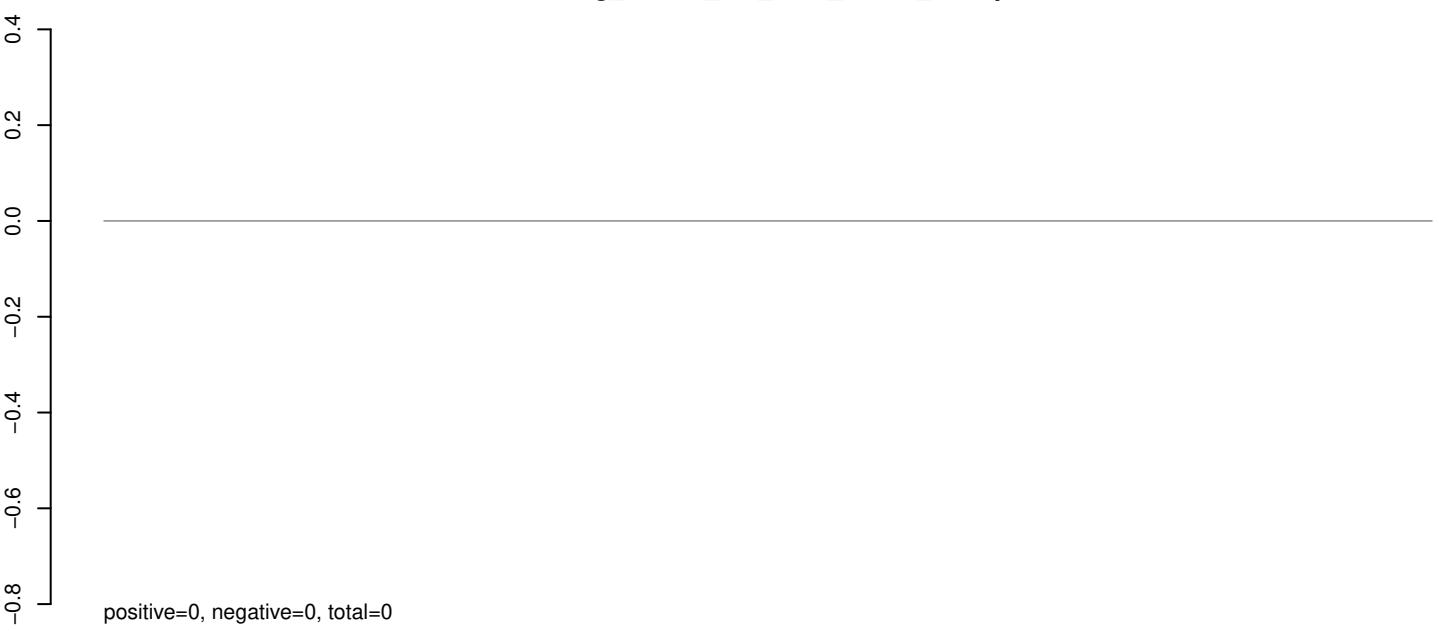
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

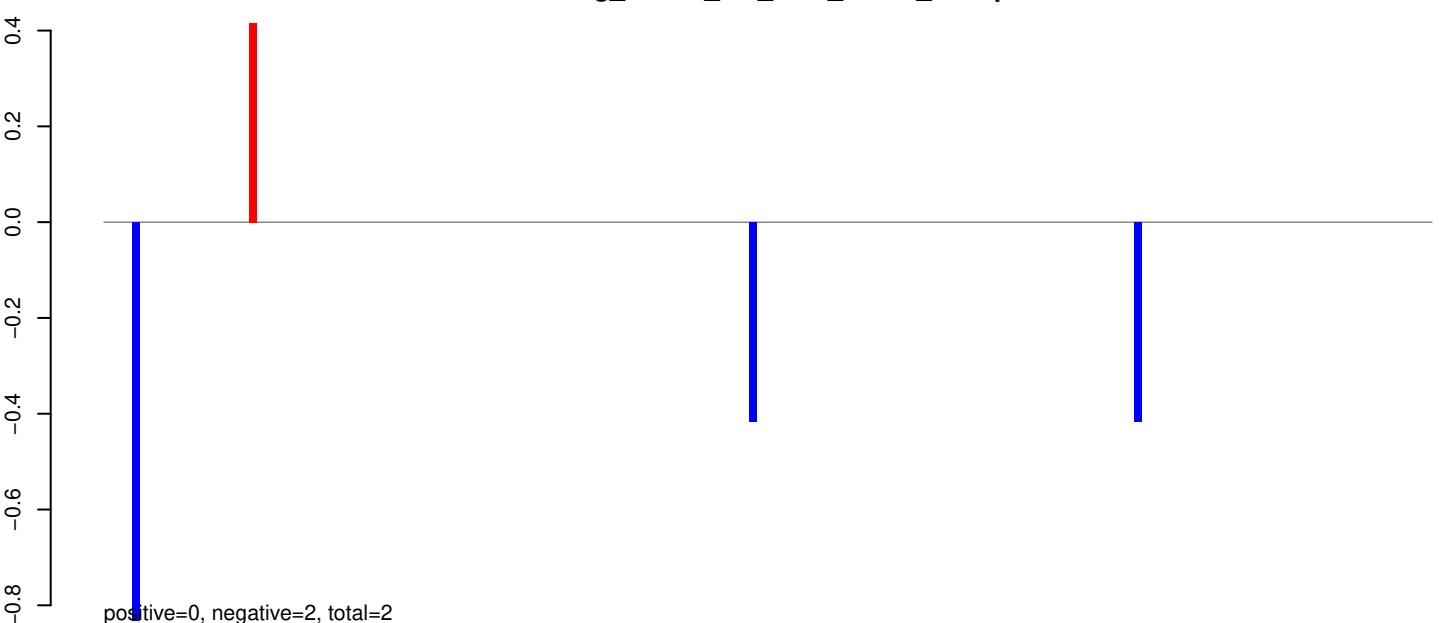
Window size=25, length=3772, TE@Gypsy-64\_AA-LTR-l:1-3772



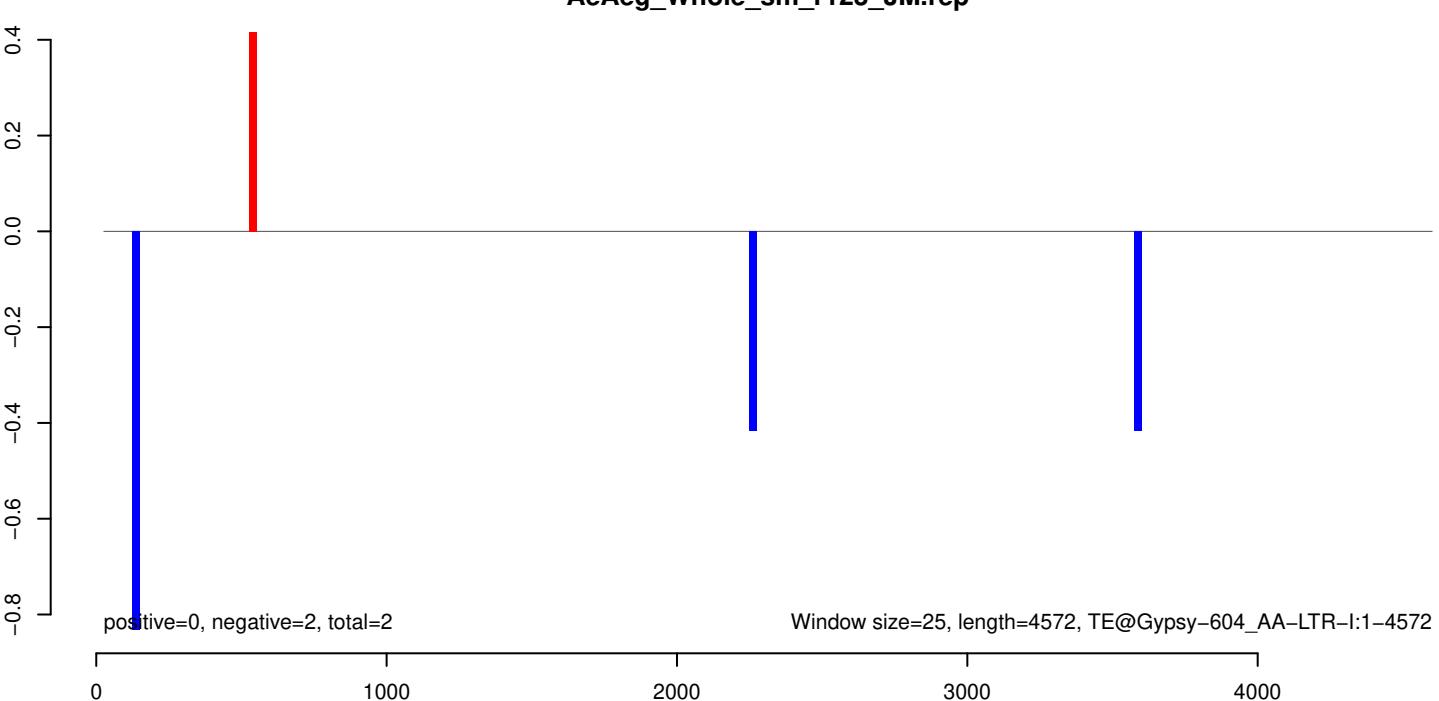
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

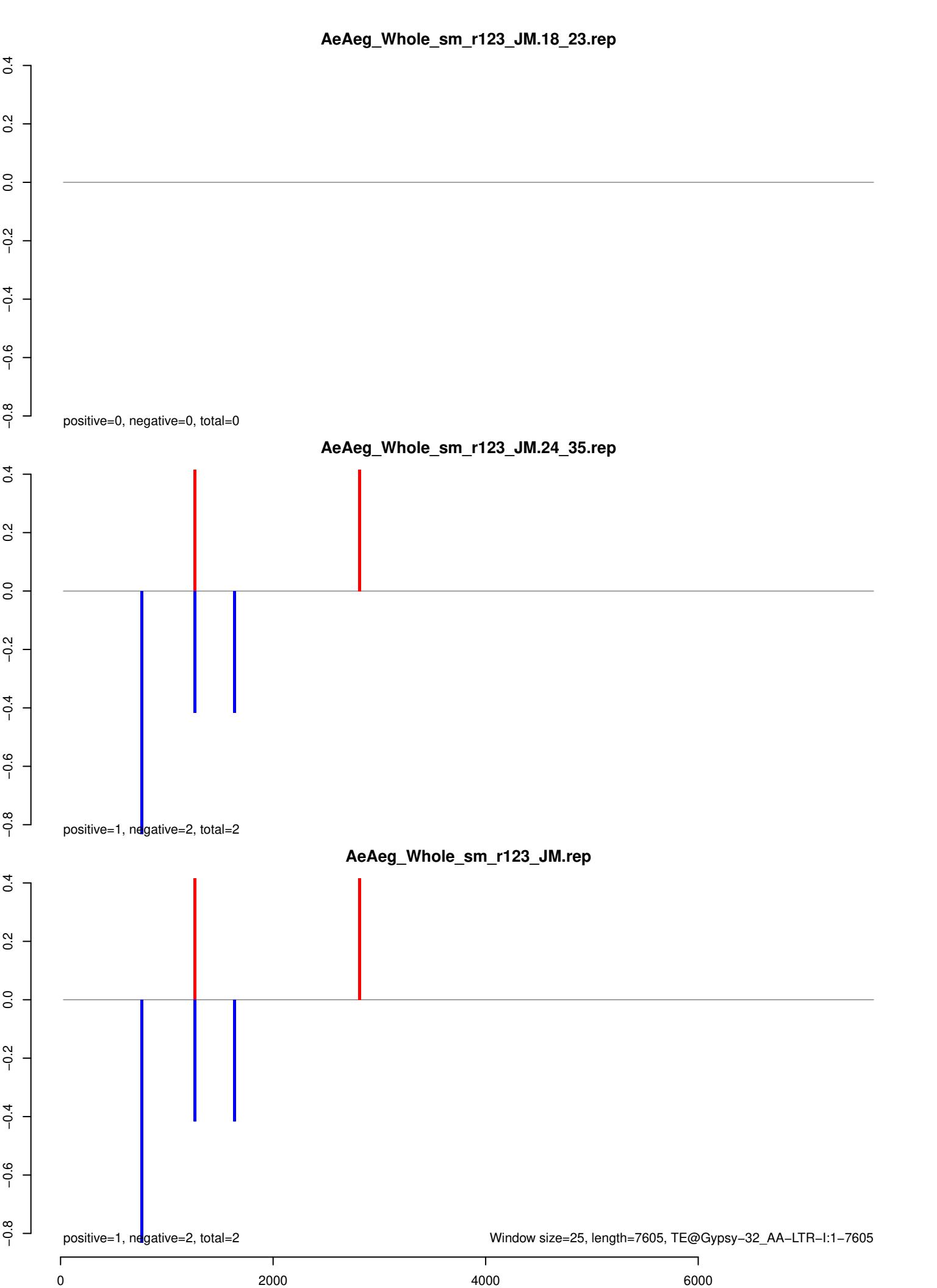
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=2, total=2

Window size=25, length=7605, TE@Gypsy-32\_AA-LTR-I:1-7605



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

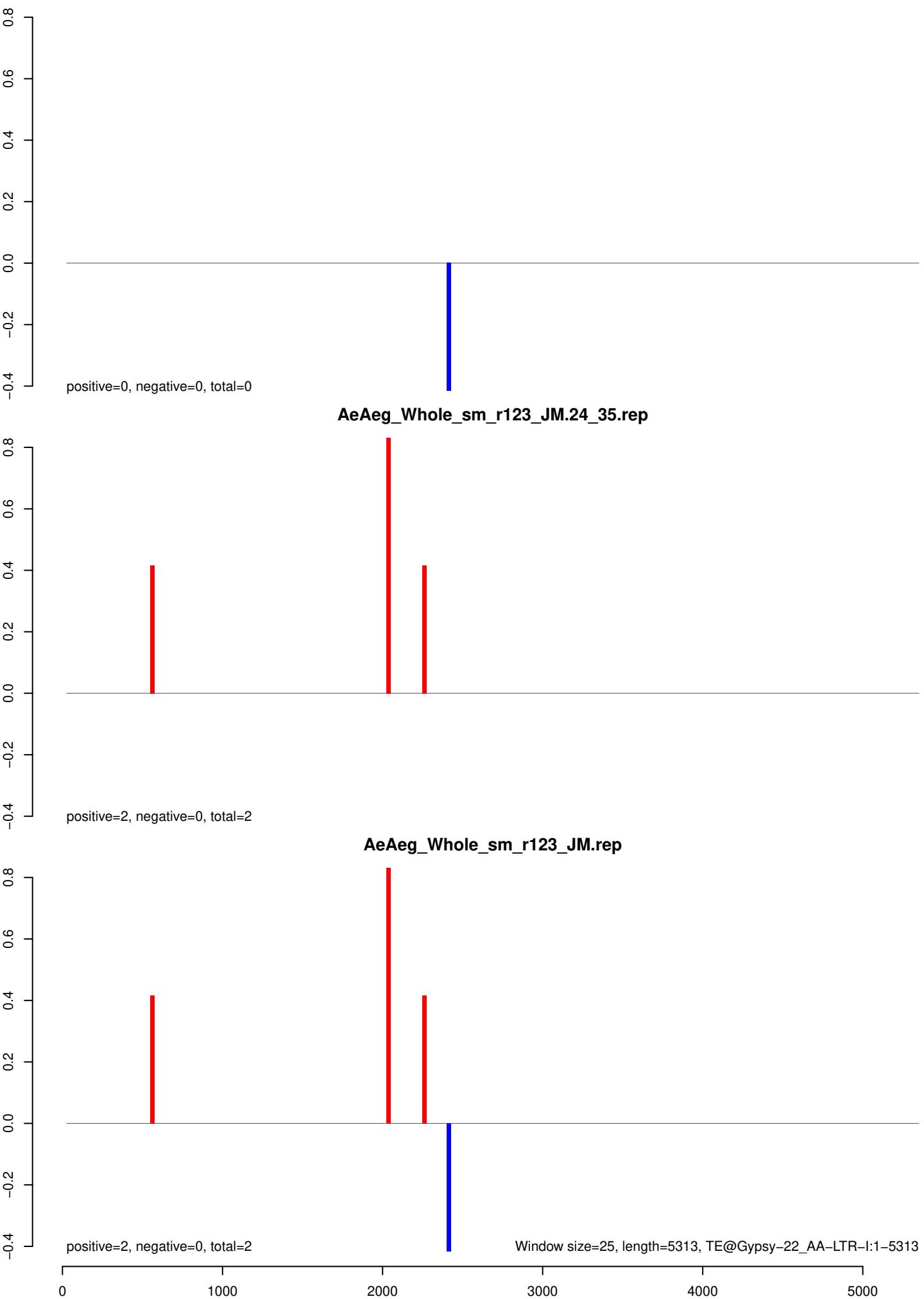
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=2, negative=0, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

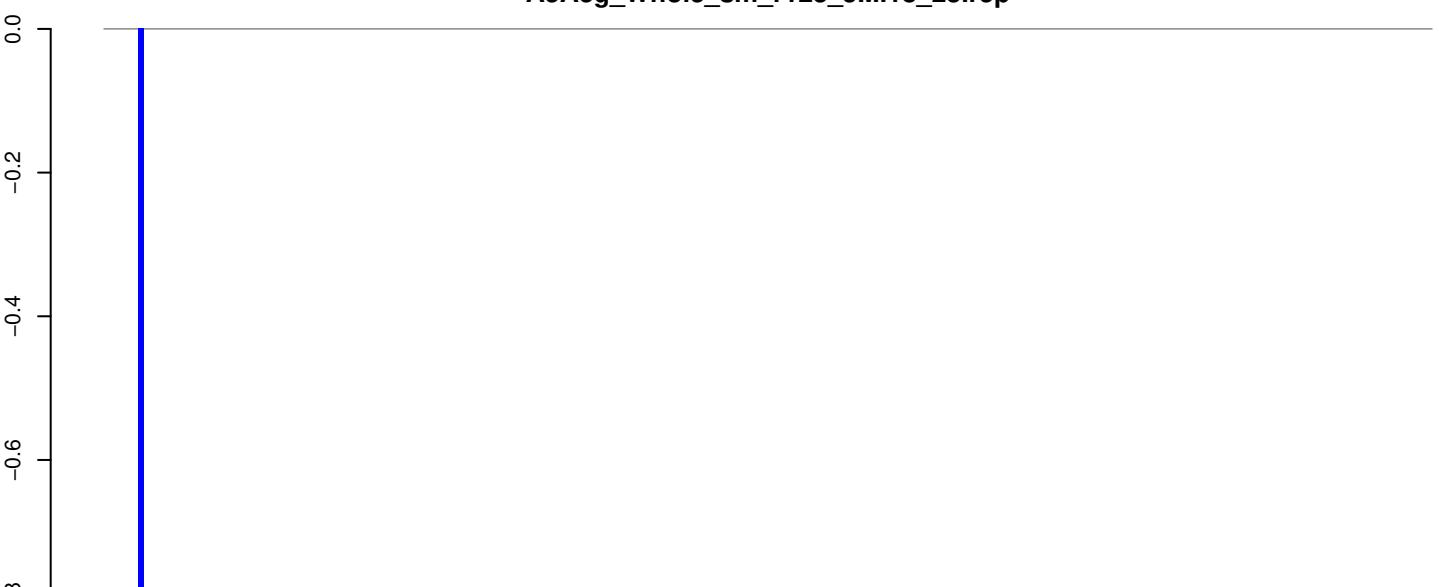
positive=2, negative=0, total=2

Window size=25, length=5313, TE@Gypsy-22\_AA-LTR-I:1-5313



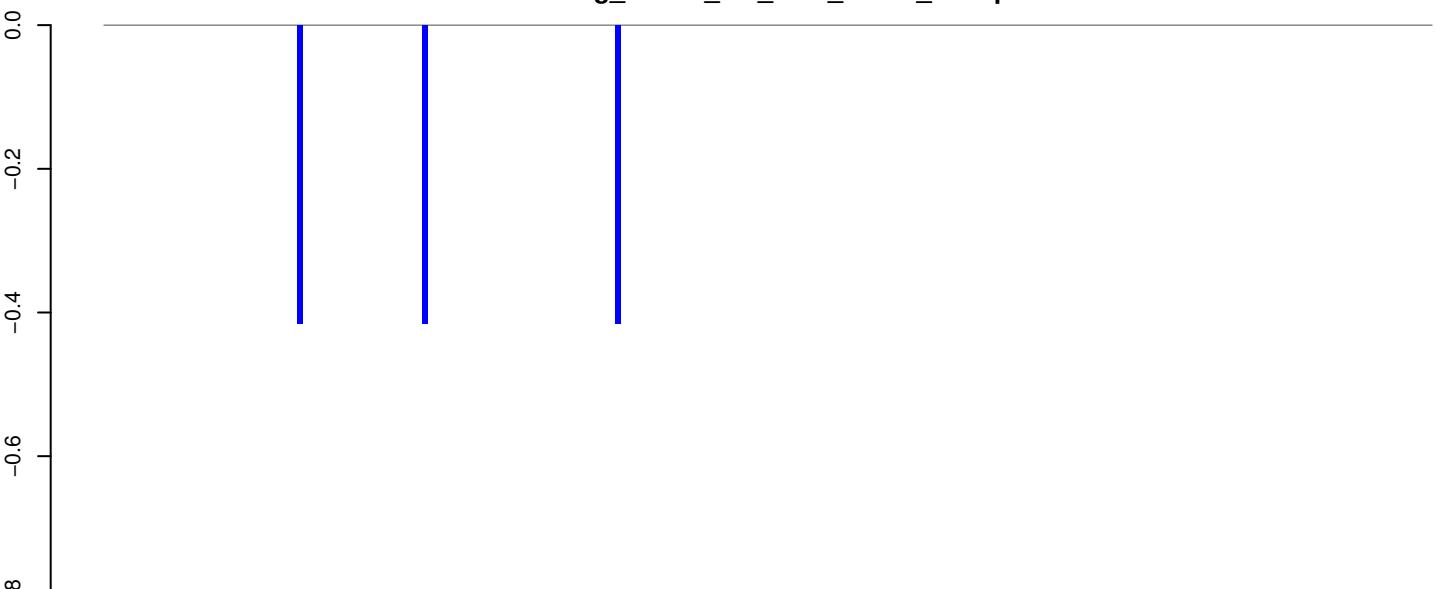
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

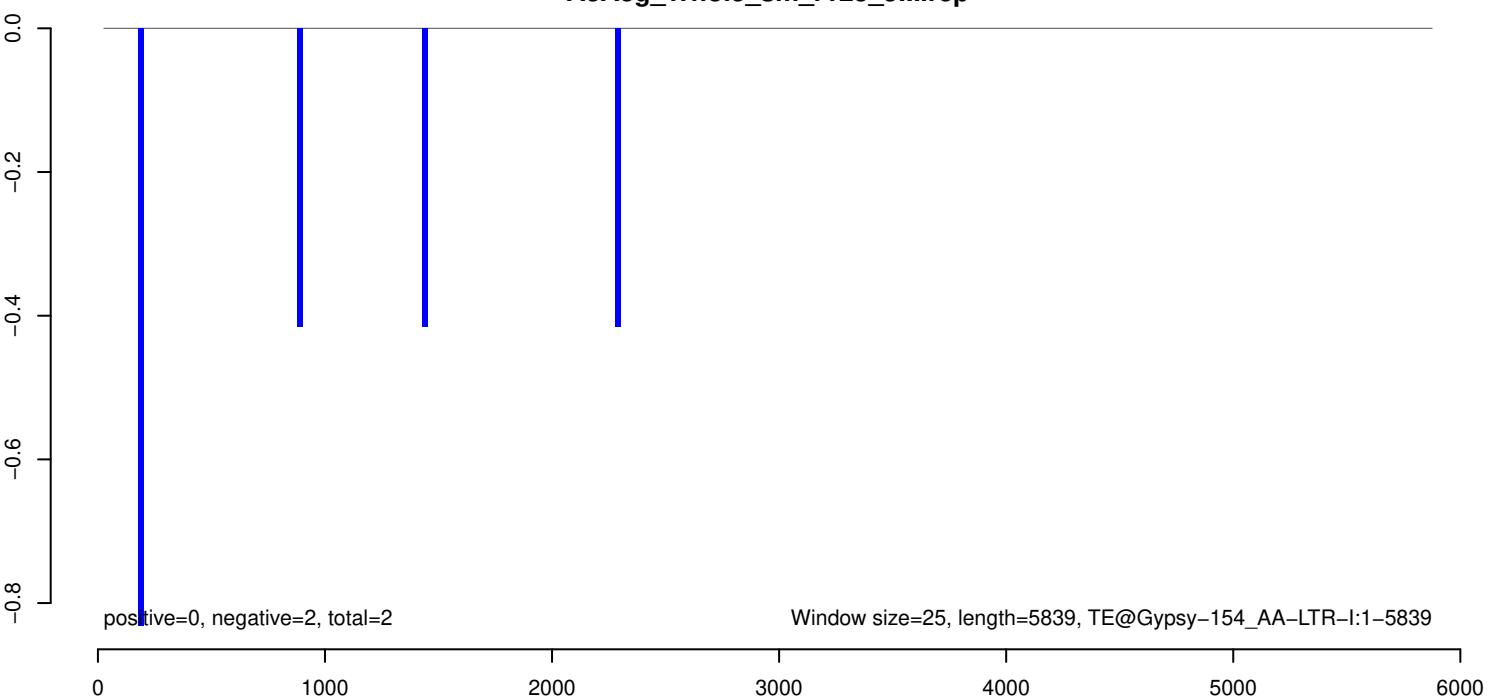
positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

Window size=25, length=5839, TE@Gypsy-154\_AA-LTR-I:1-5839



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

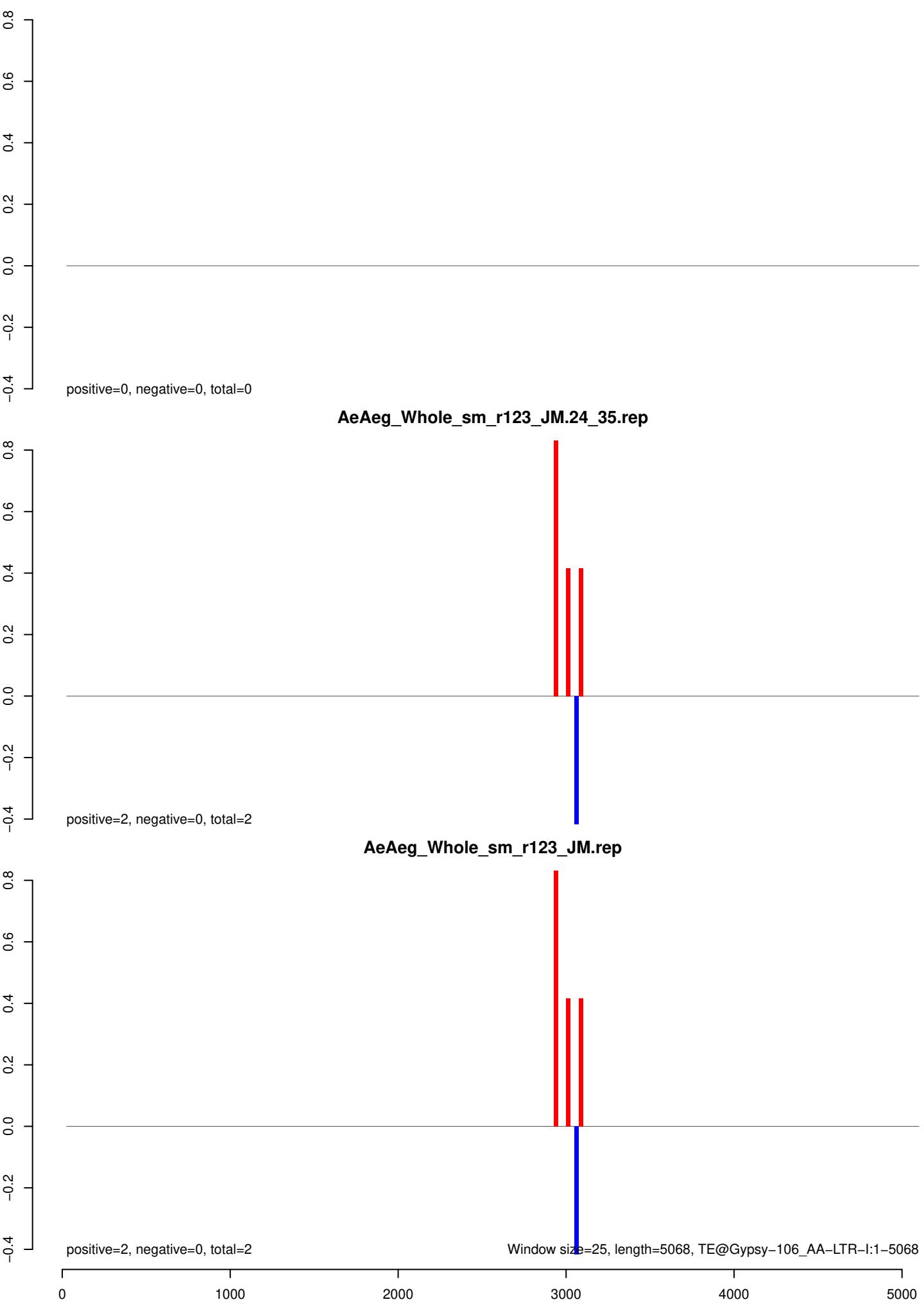
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=2, negative=0, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=2, negative=0, total=2

Window size=25, length=5068, TE@Gypsy-106\_AA-LTR-I:1-5068



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

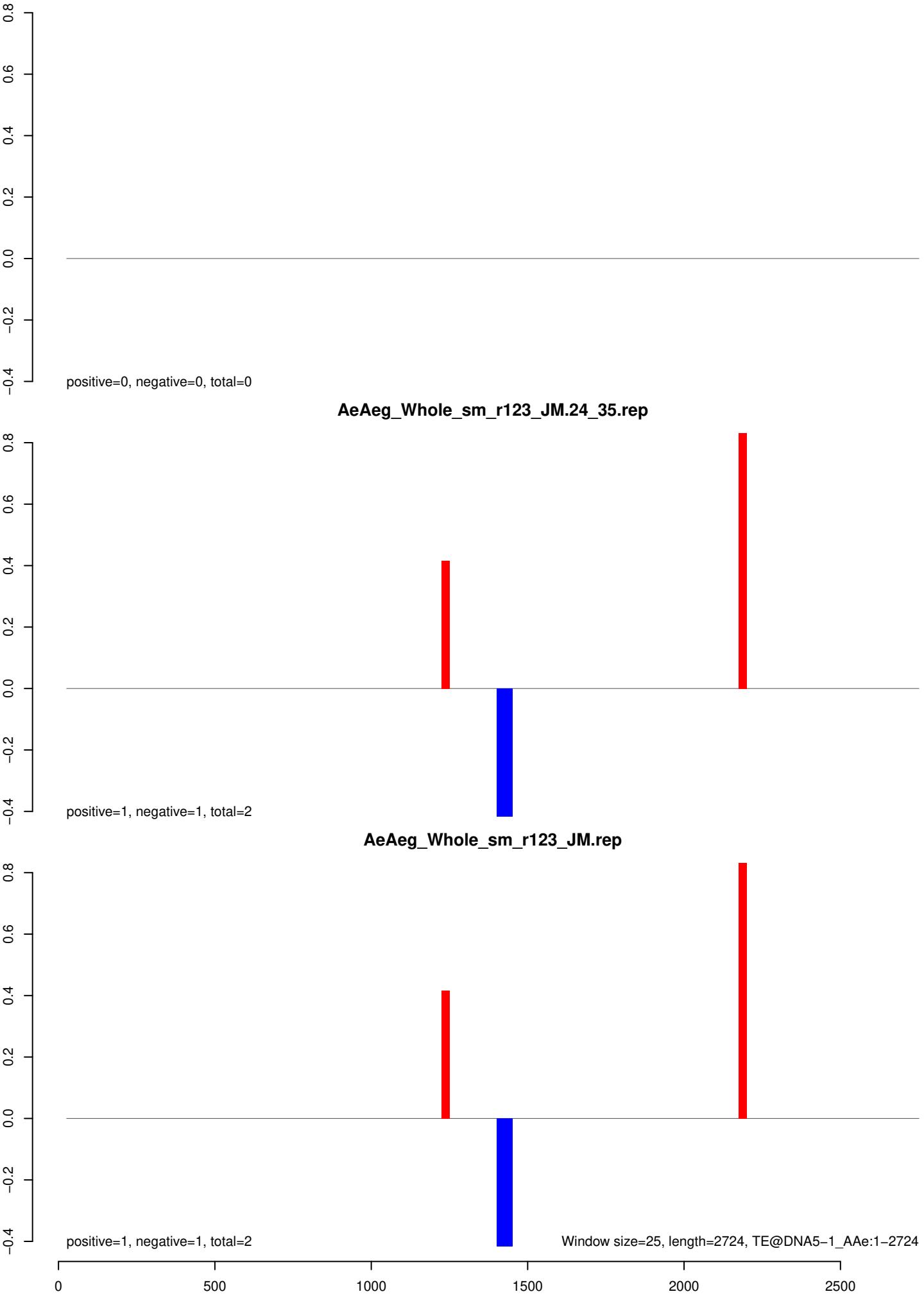
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=1, total=2

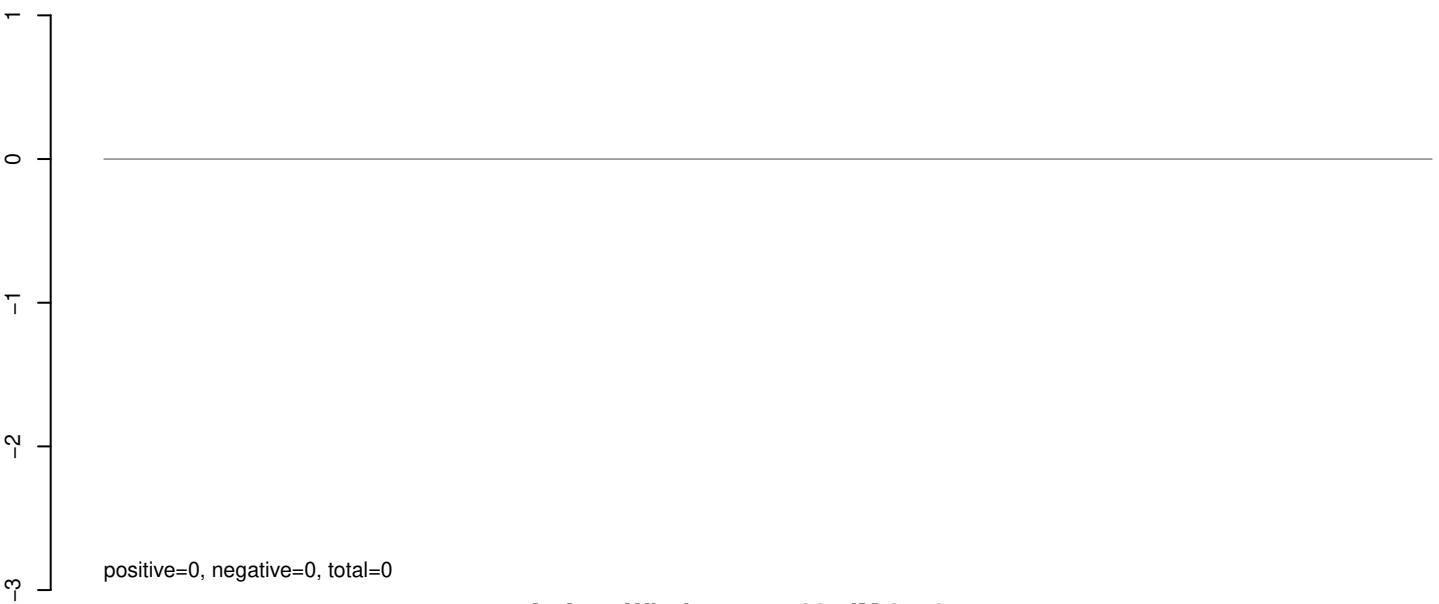
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=1, total=2

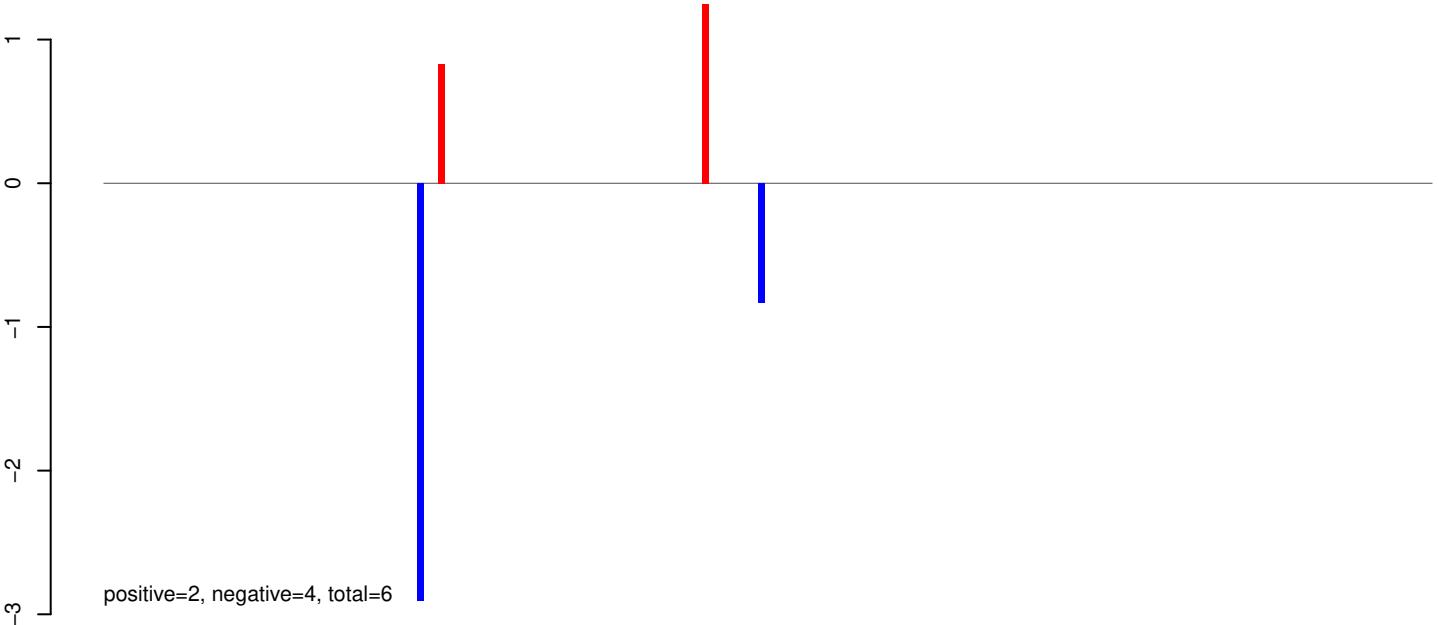
Window size=25, length=2724, TE@DNA5-1\_AAe:1-2724



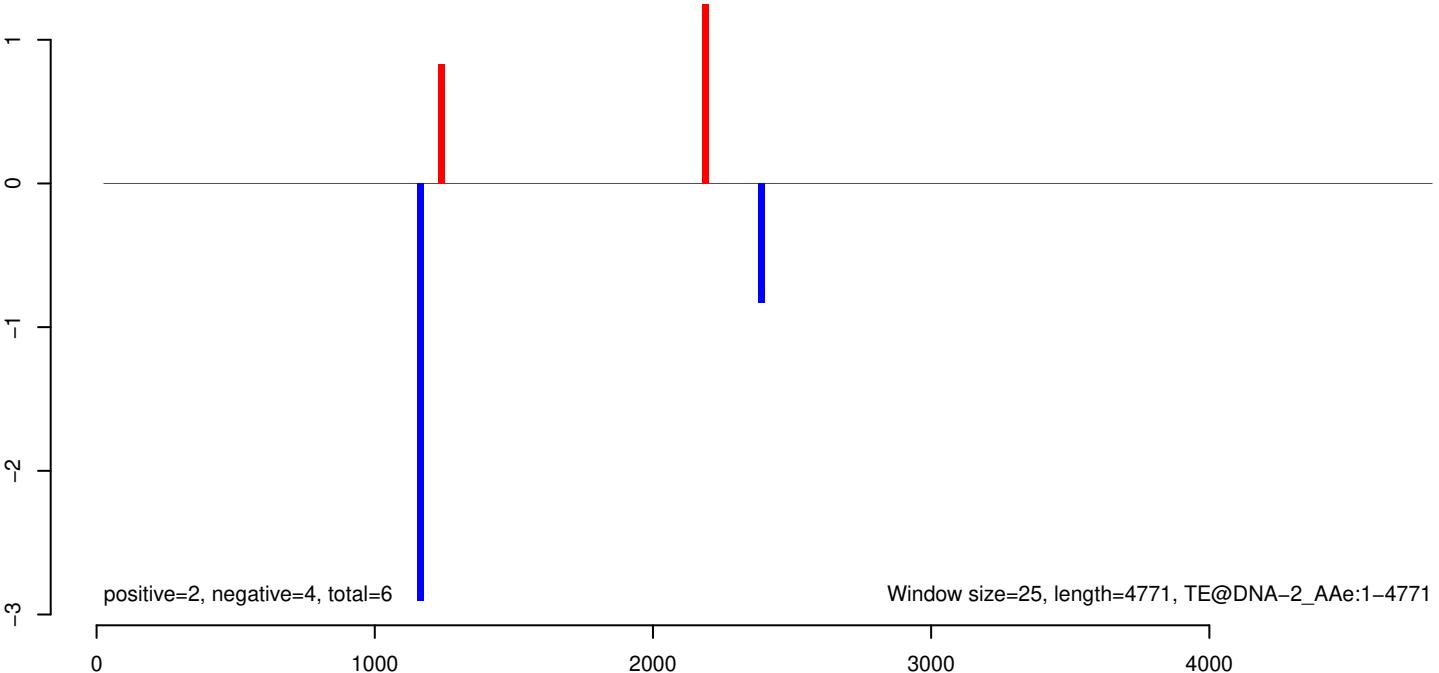
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



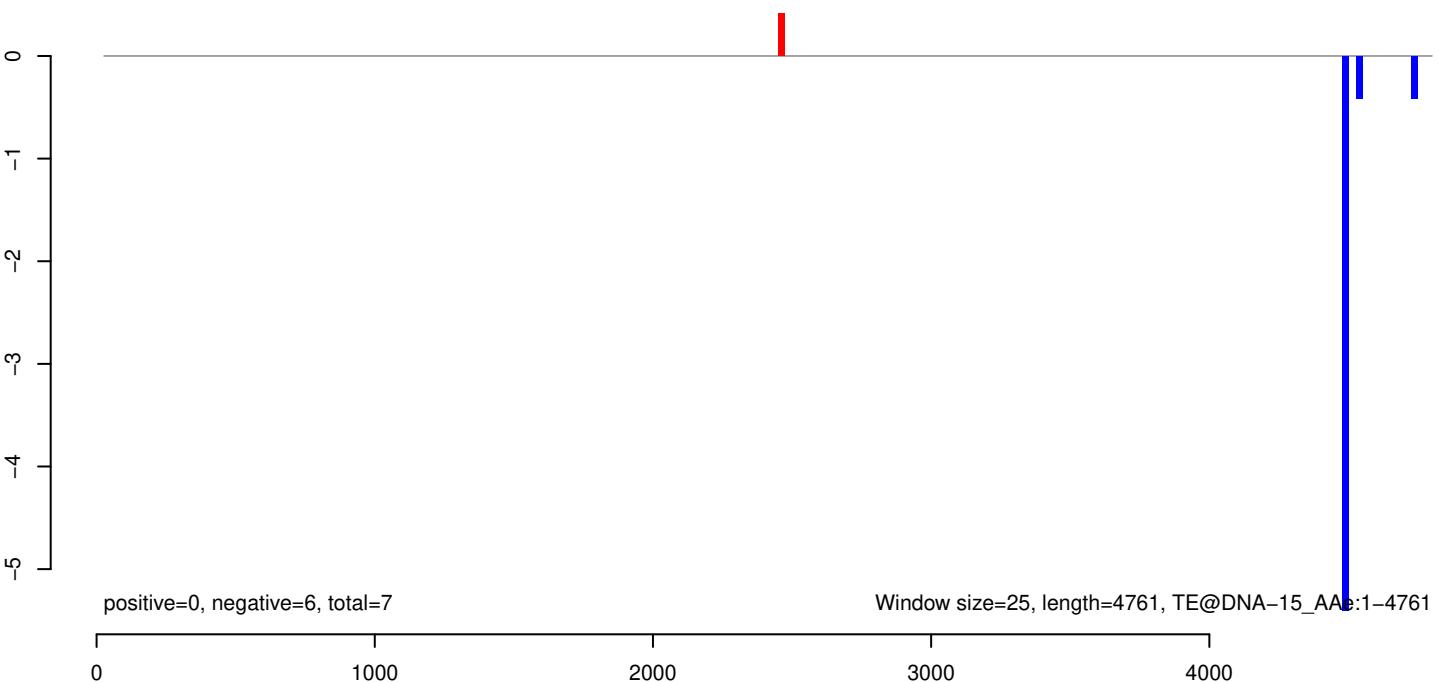
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



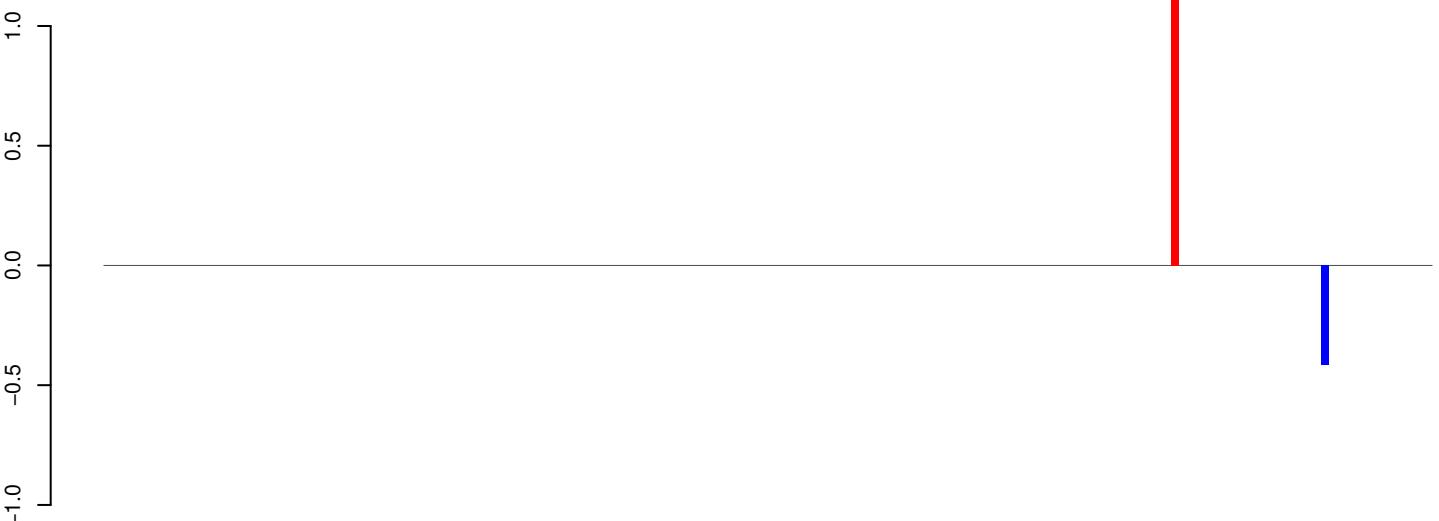
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



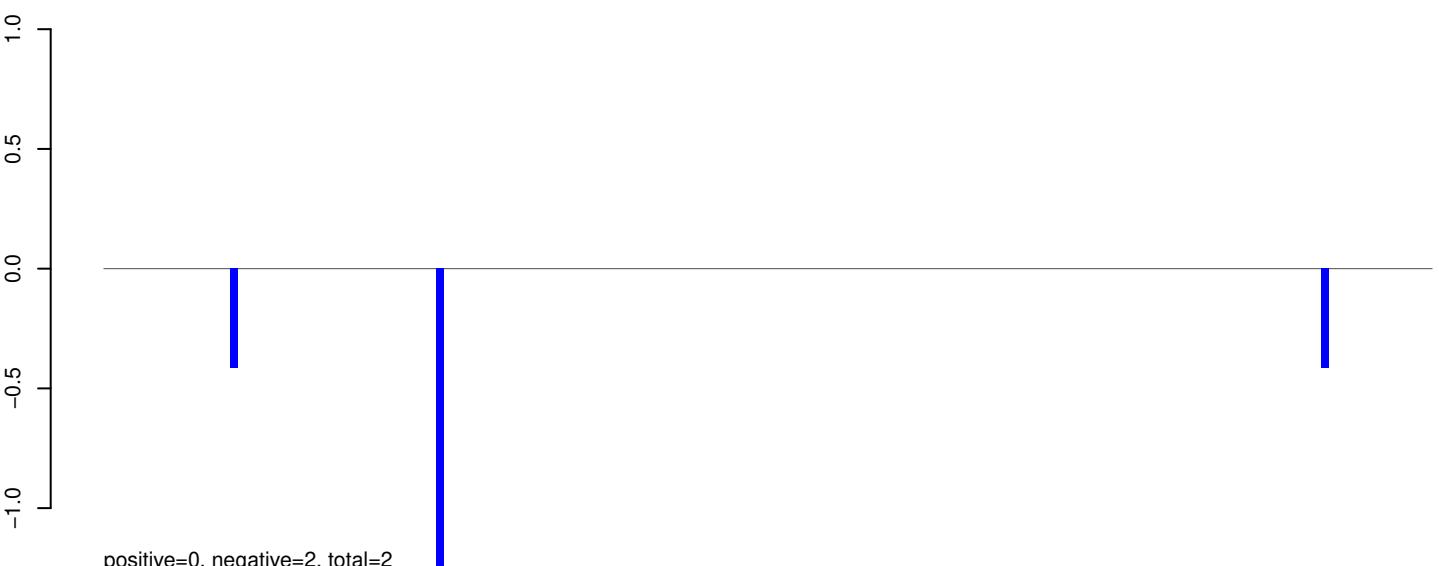
**AeAeg\_Whole\_sm\_r123\_JM.rep**



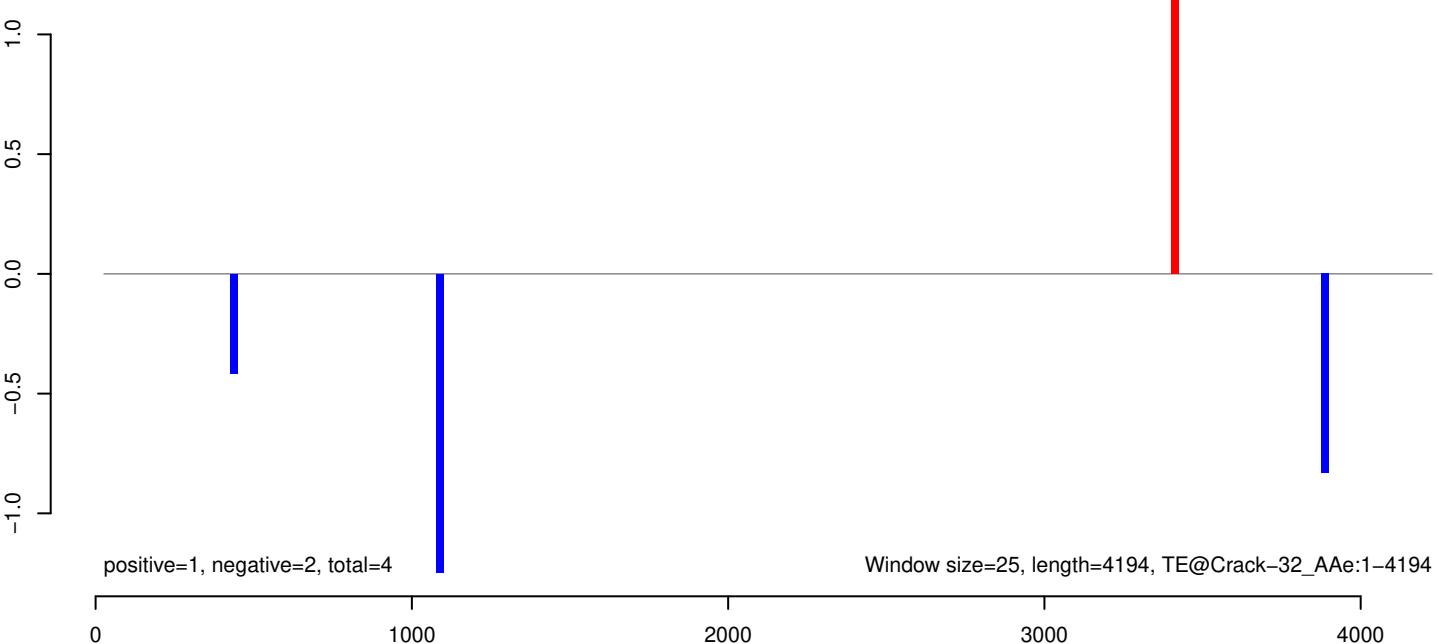
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



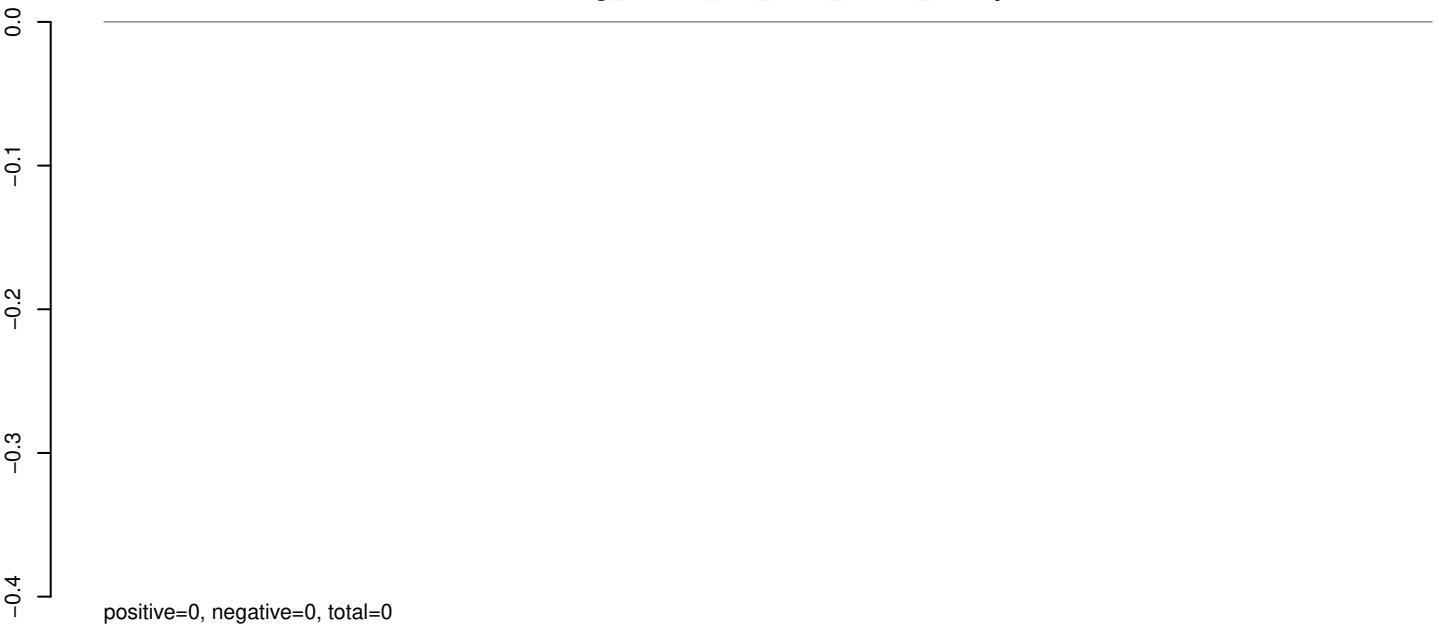
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



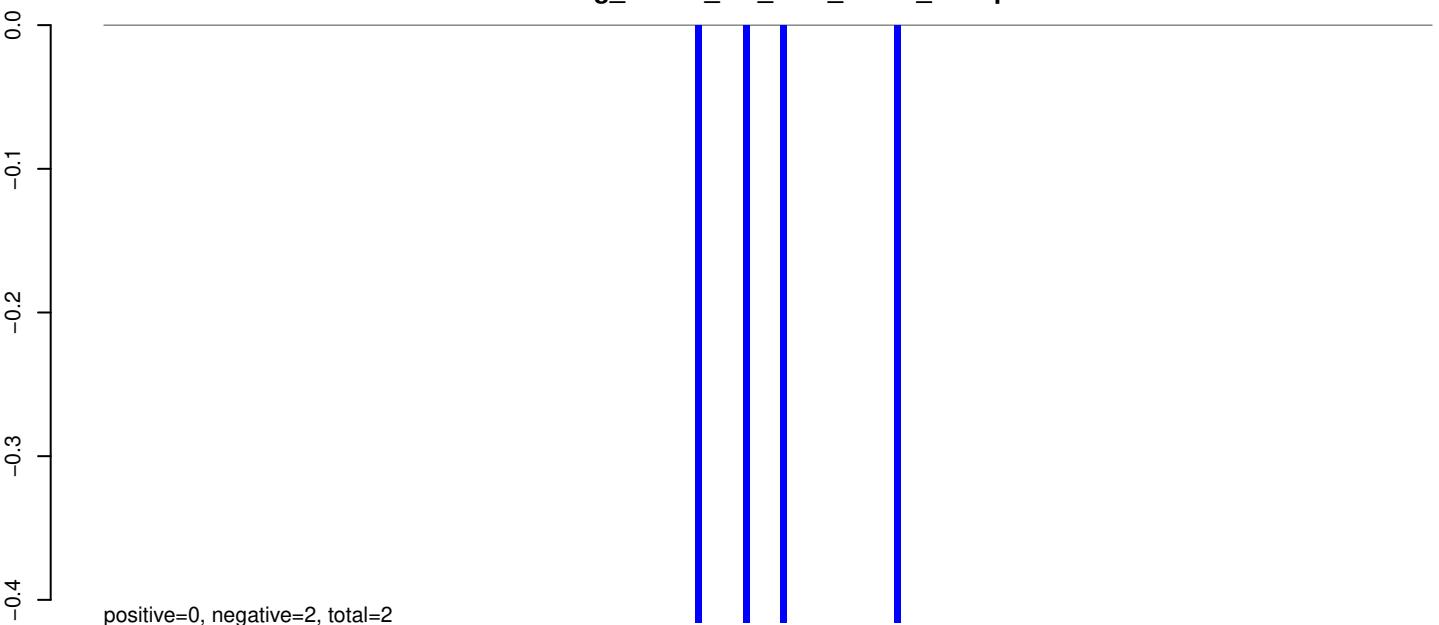
### AeAeg\_Whole\_sm\_r123\_JM.rep



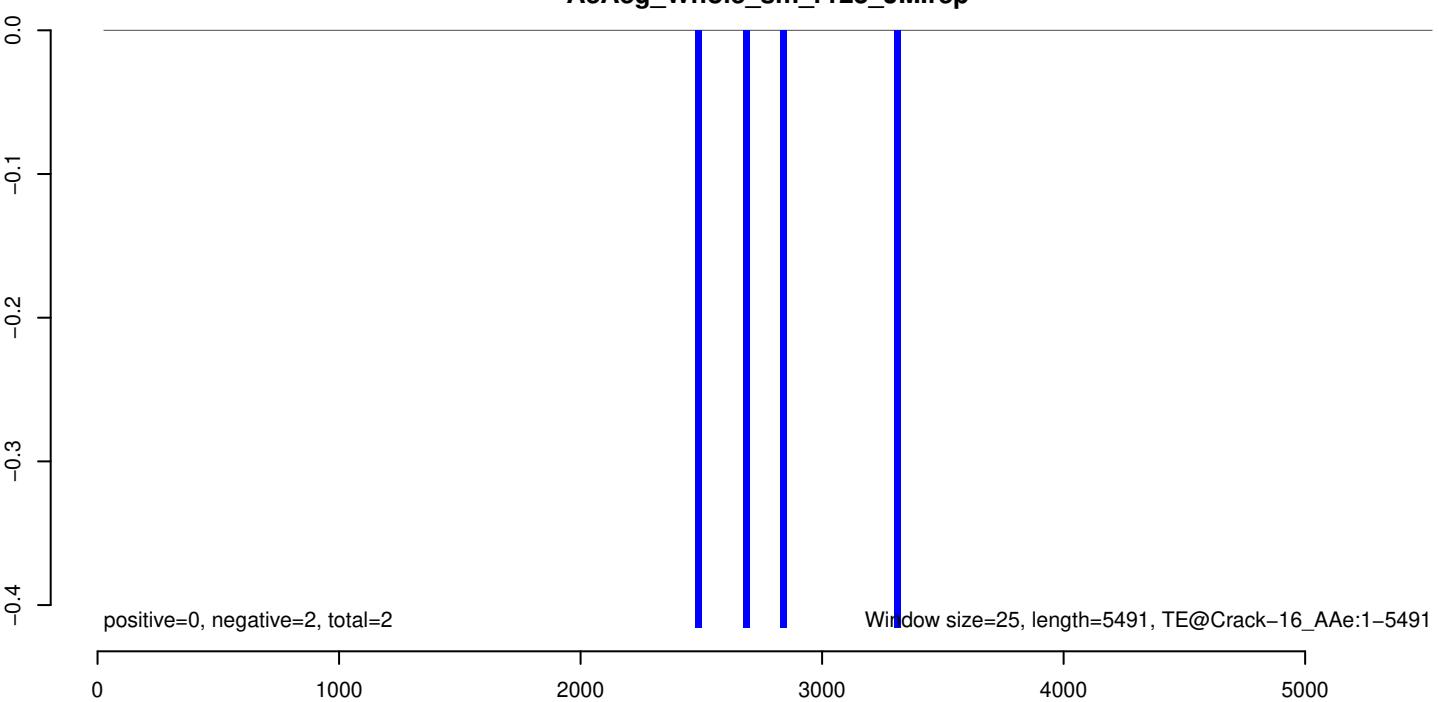
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



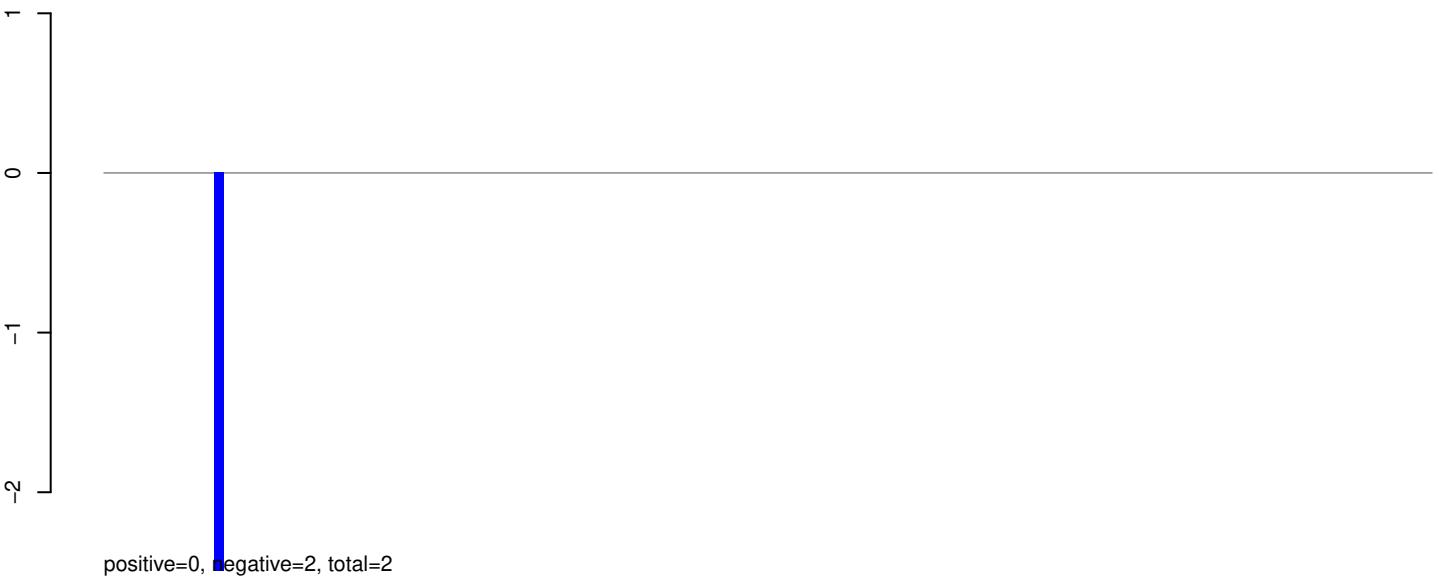
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



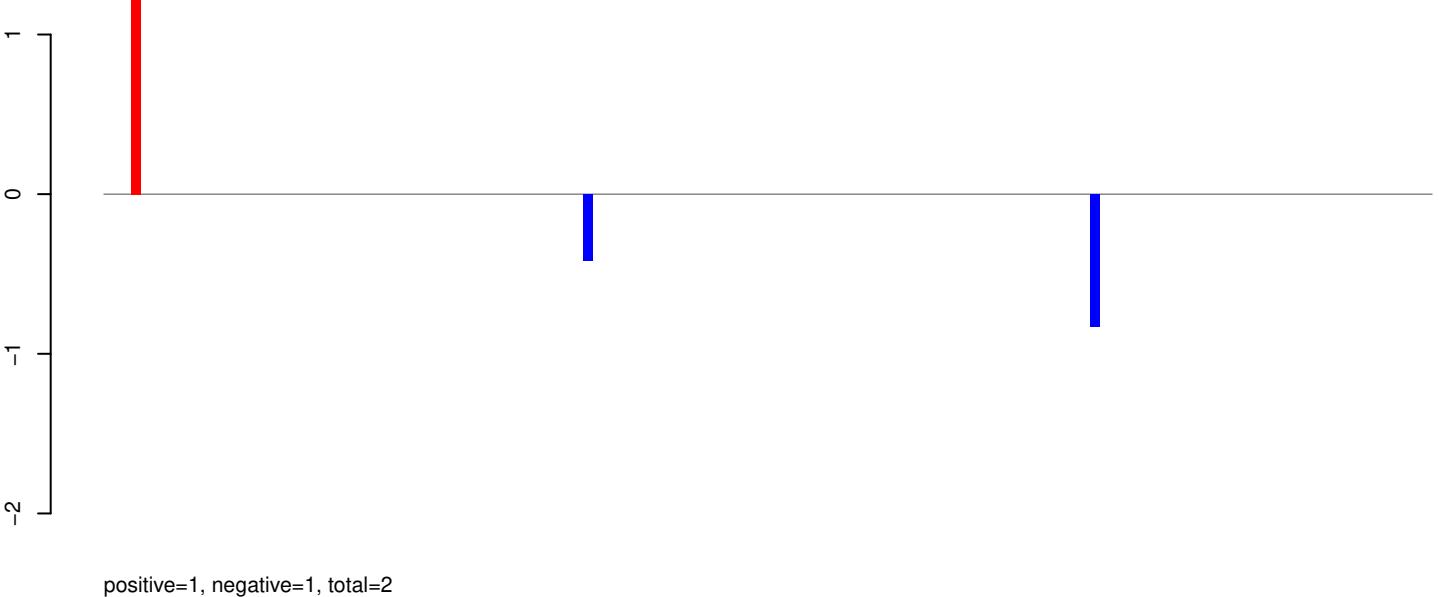
### AeAeg\_Whole\_sm\_r123\_JM.rep



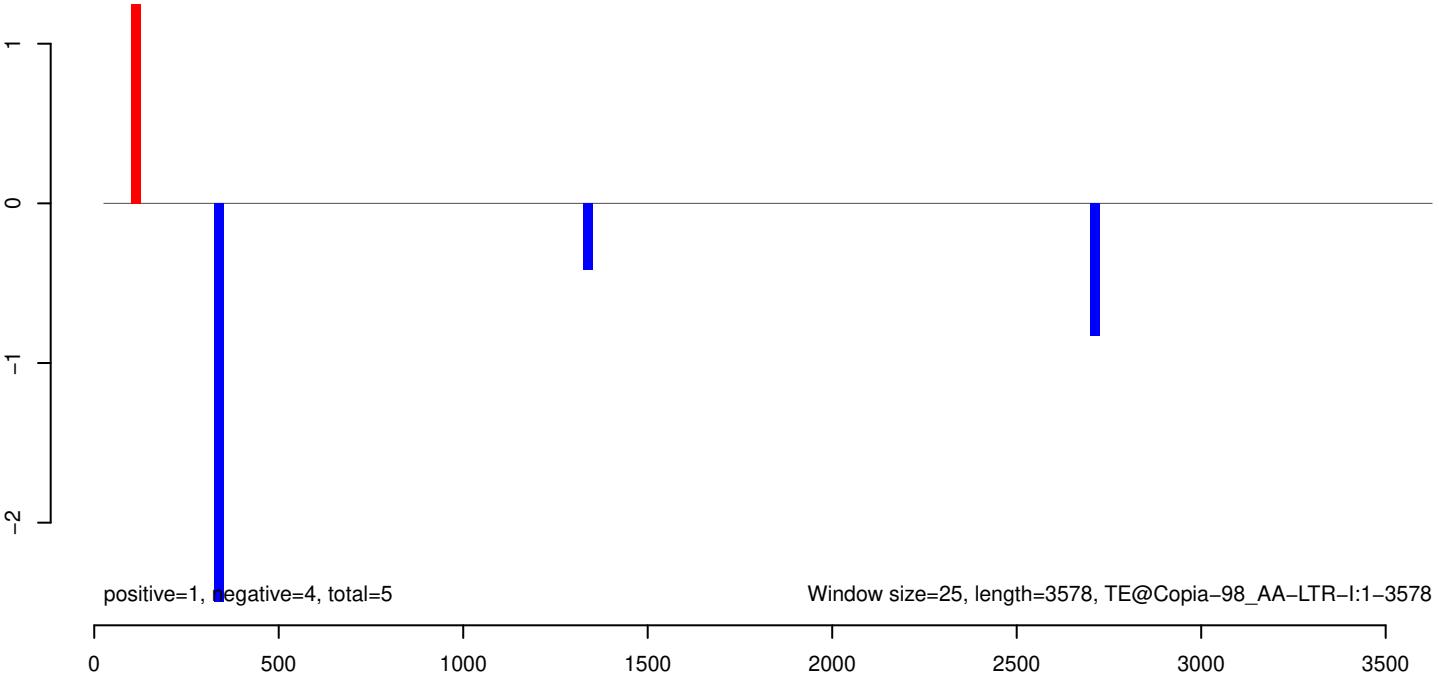
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



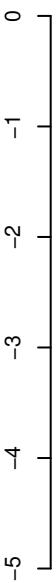
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

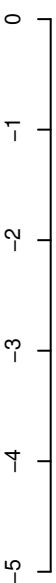


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



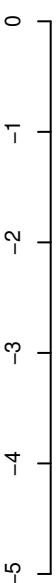
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



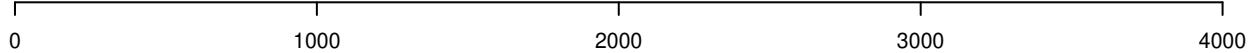
positive=0, negative=9, total=9

### AeAeg\_Whole\_sm\_r123\_JM.rep

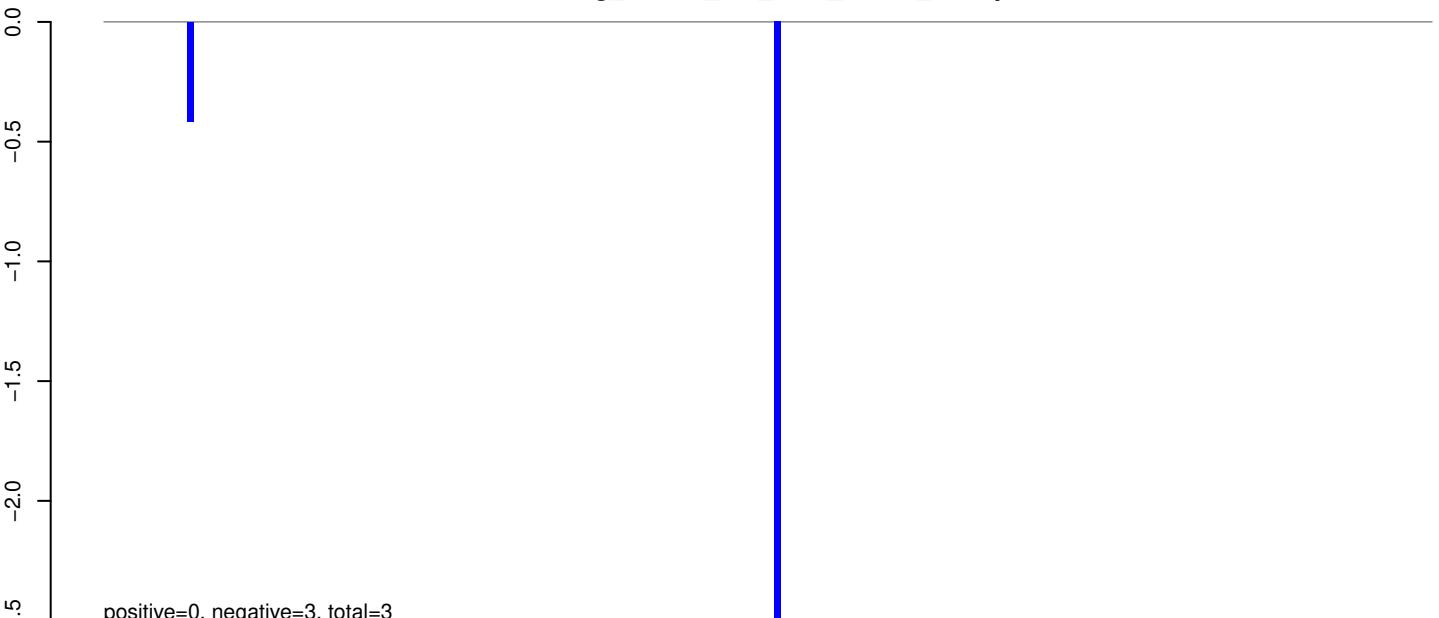


positive=0, negative=9, total=9

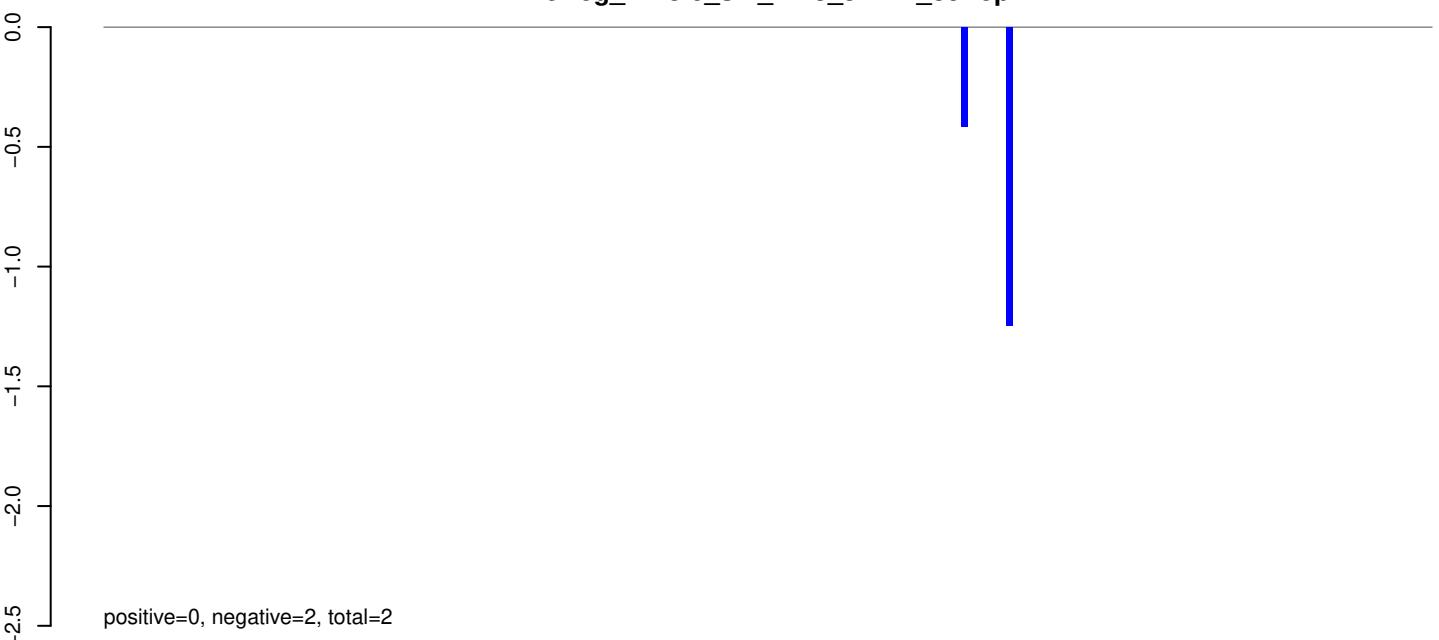
Window size=25, length=4399, TE@Copia-97\_AA-LTR-I:1-4399



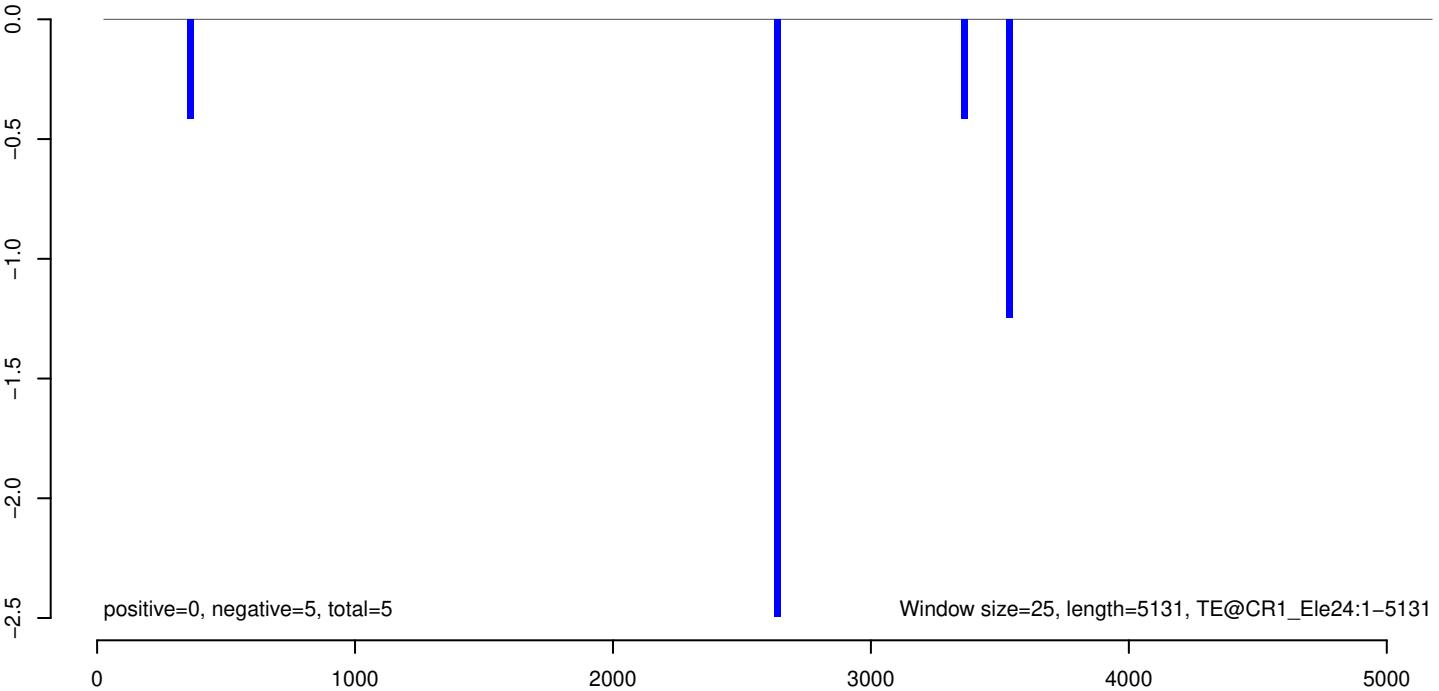
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



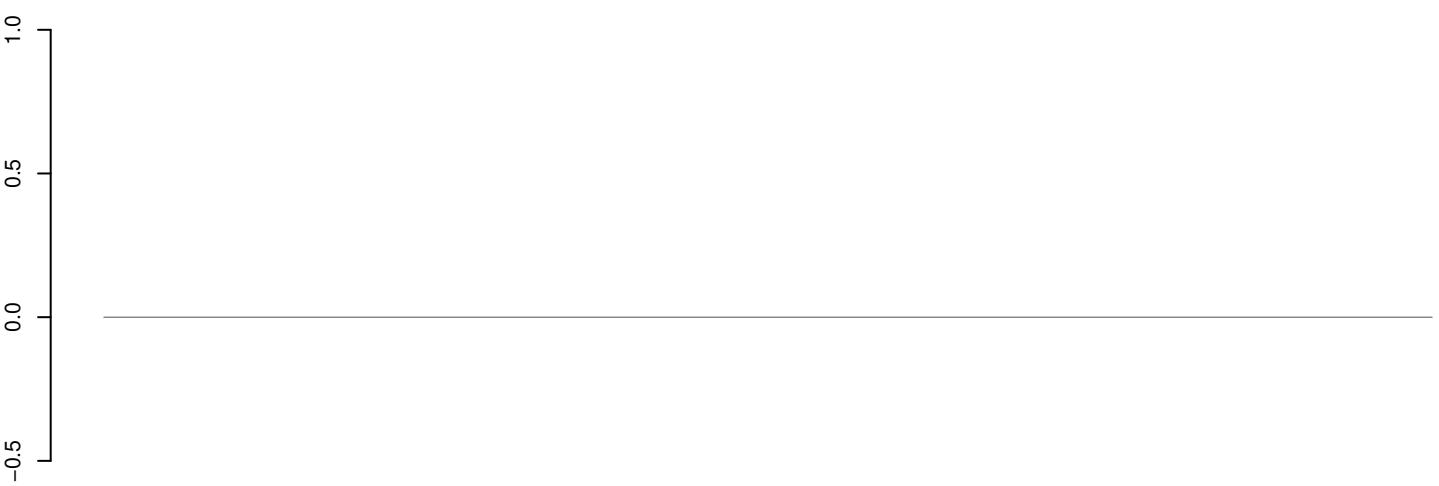
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

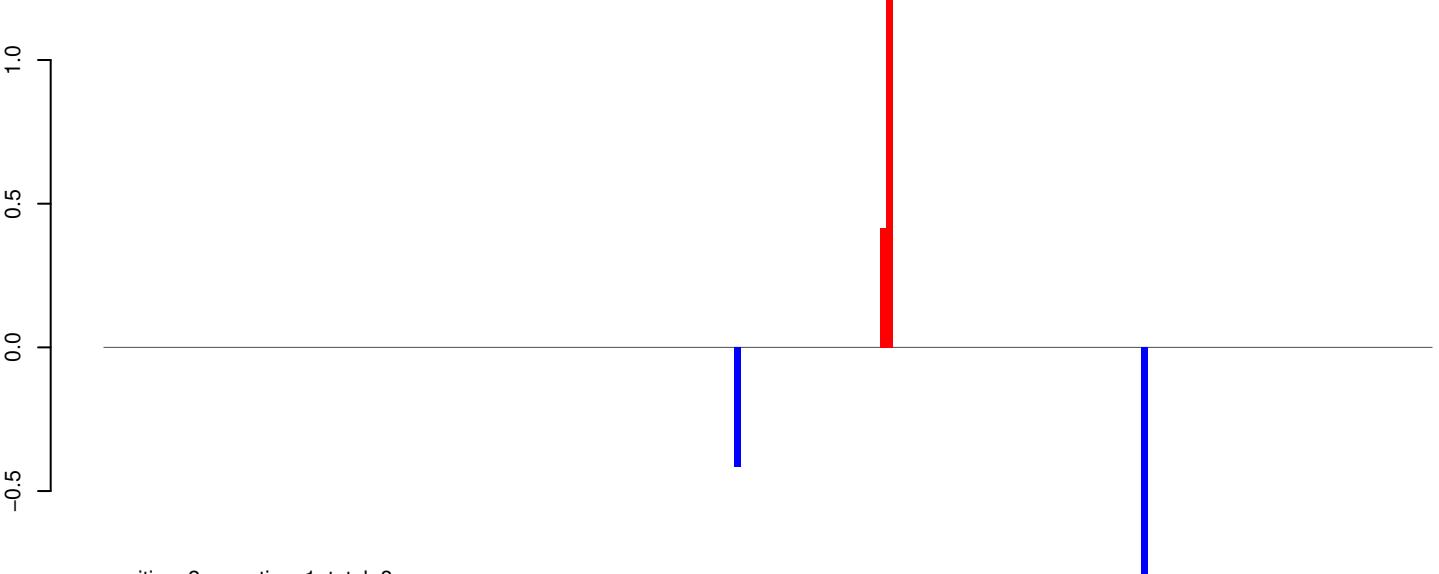


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



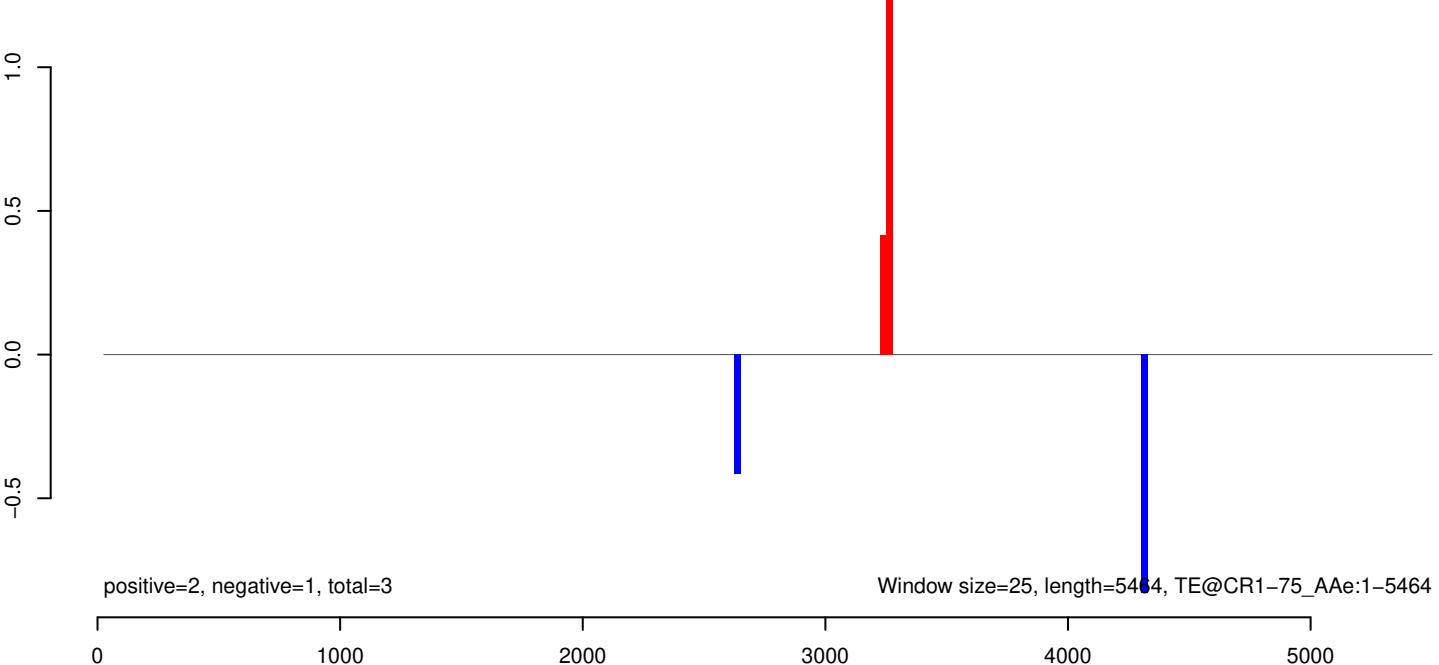
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=1, total=3

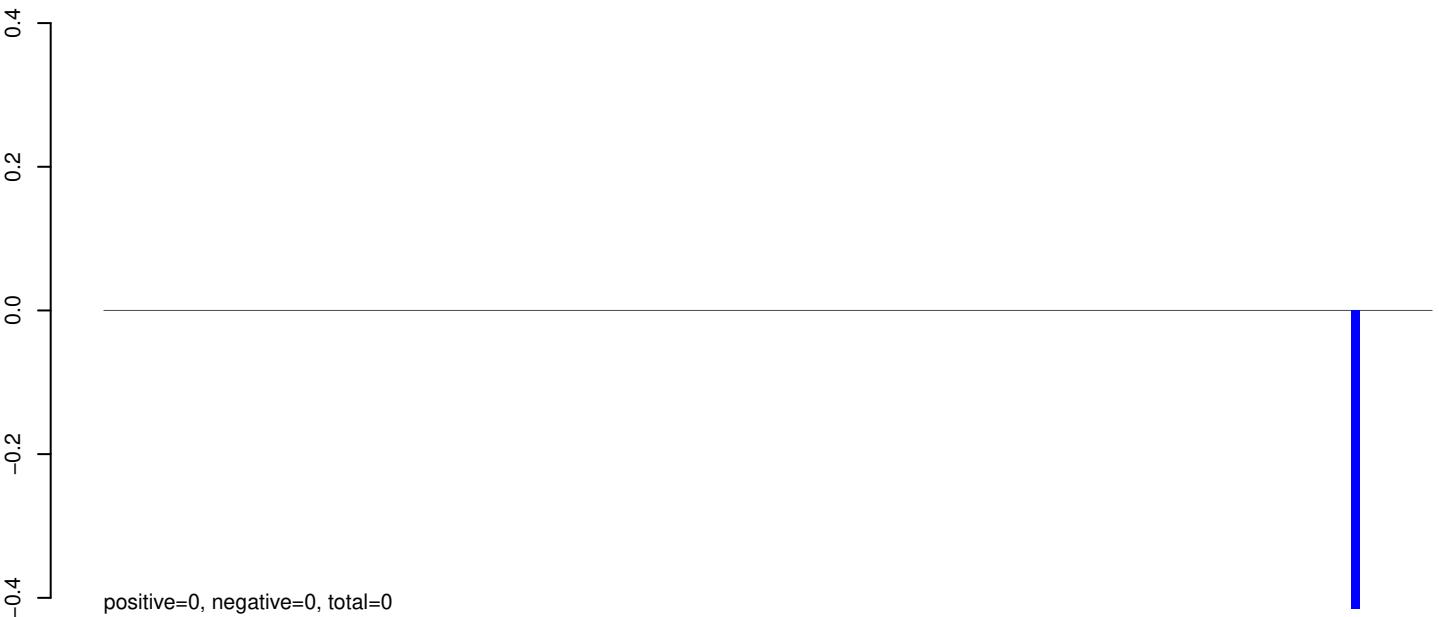
**AeAeg\_Whole\_sm\_r123\_JM.rep**



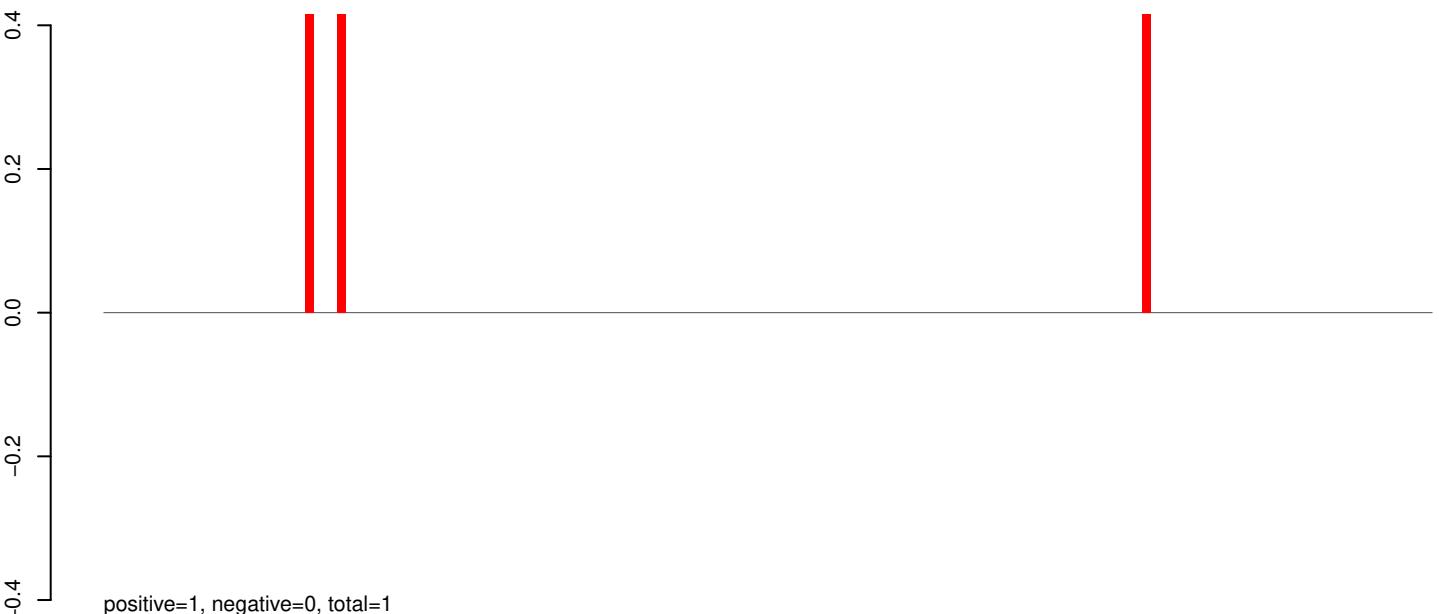
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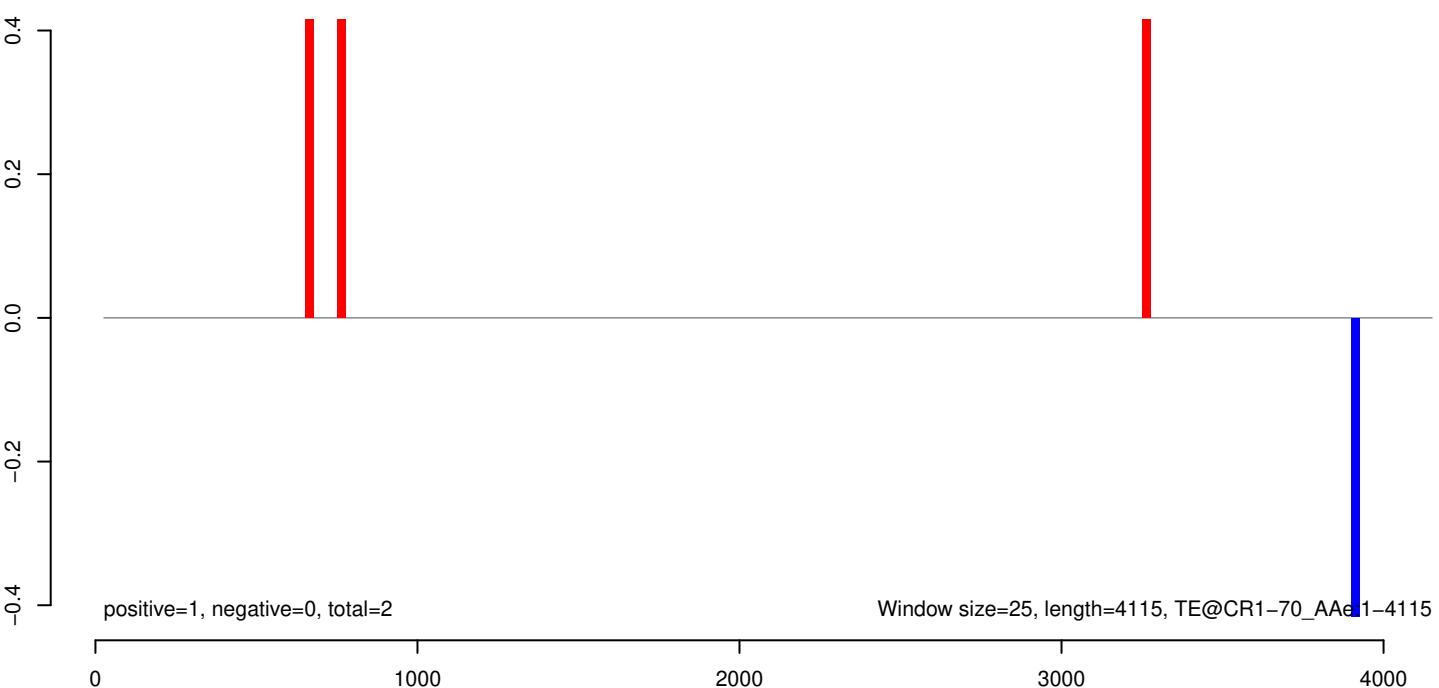
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

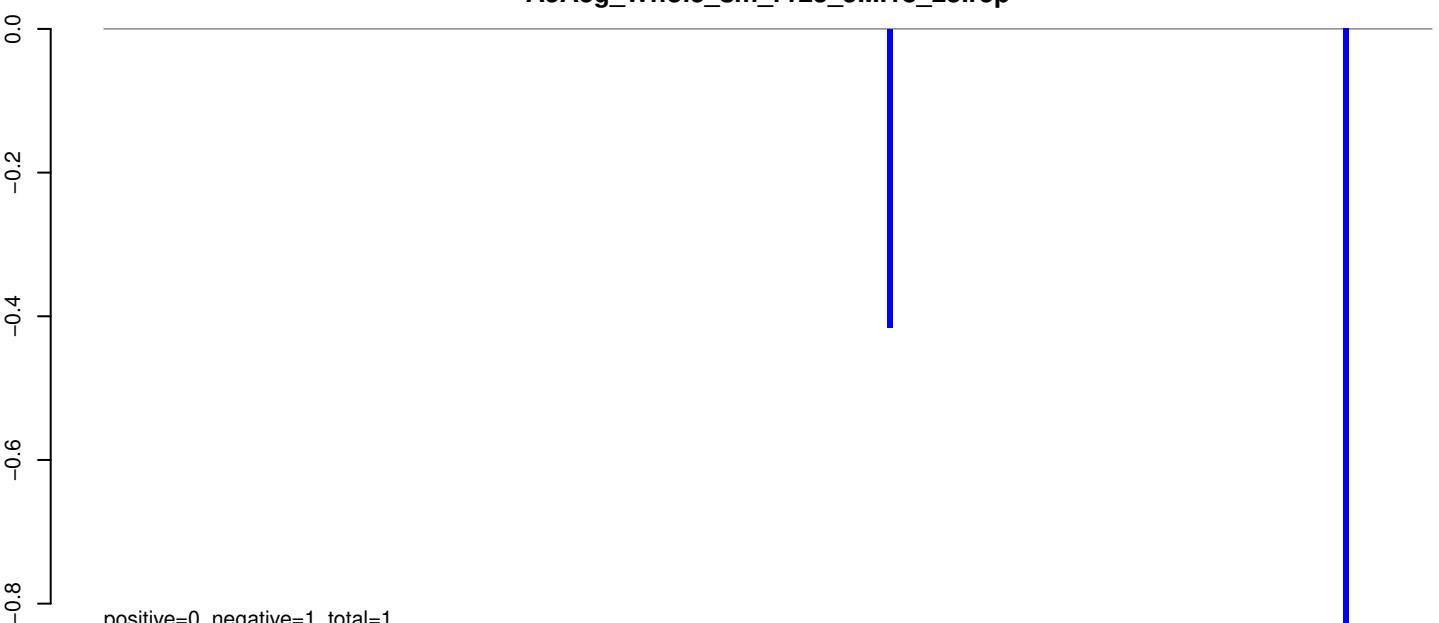


### AeAeg\_Whole\_sm\_r123\_JM.rep



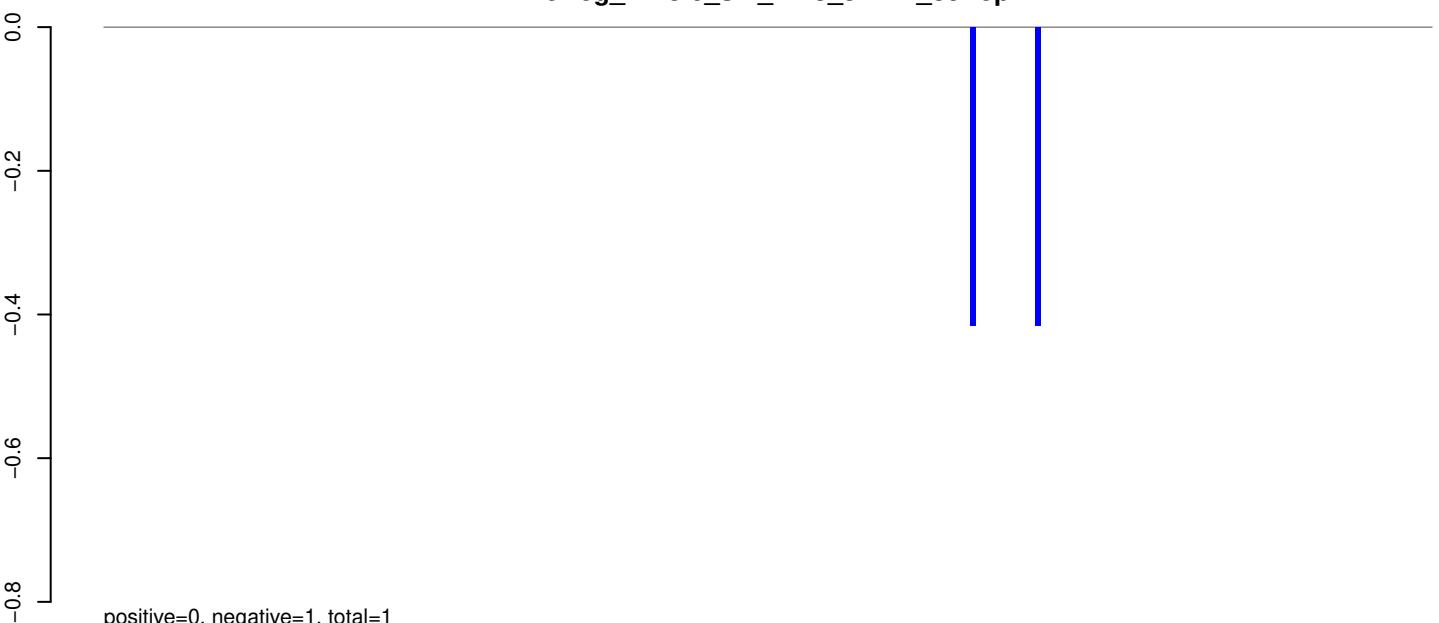
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

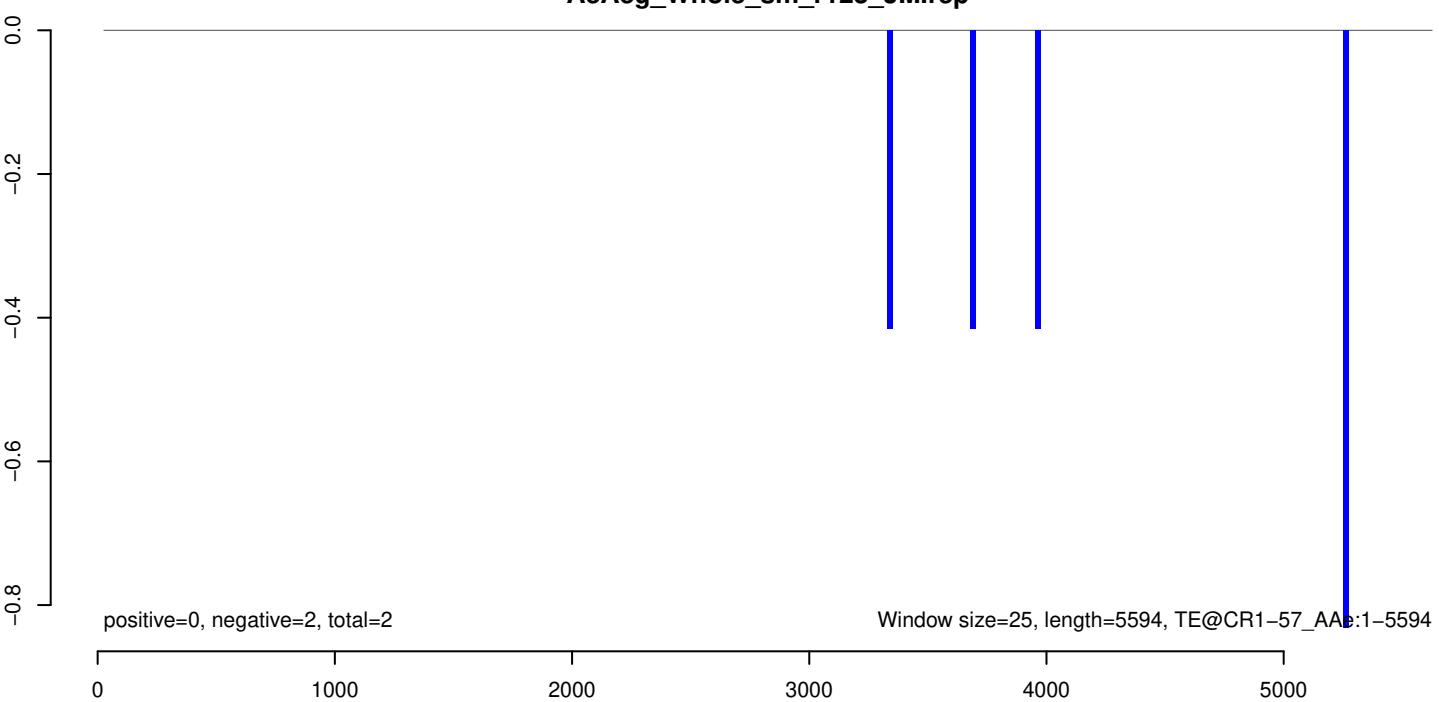
positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

Window size=25, length=5594, TE@CR1-57\_AA@1-5594



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

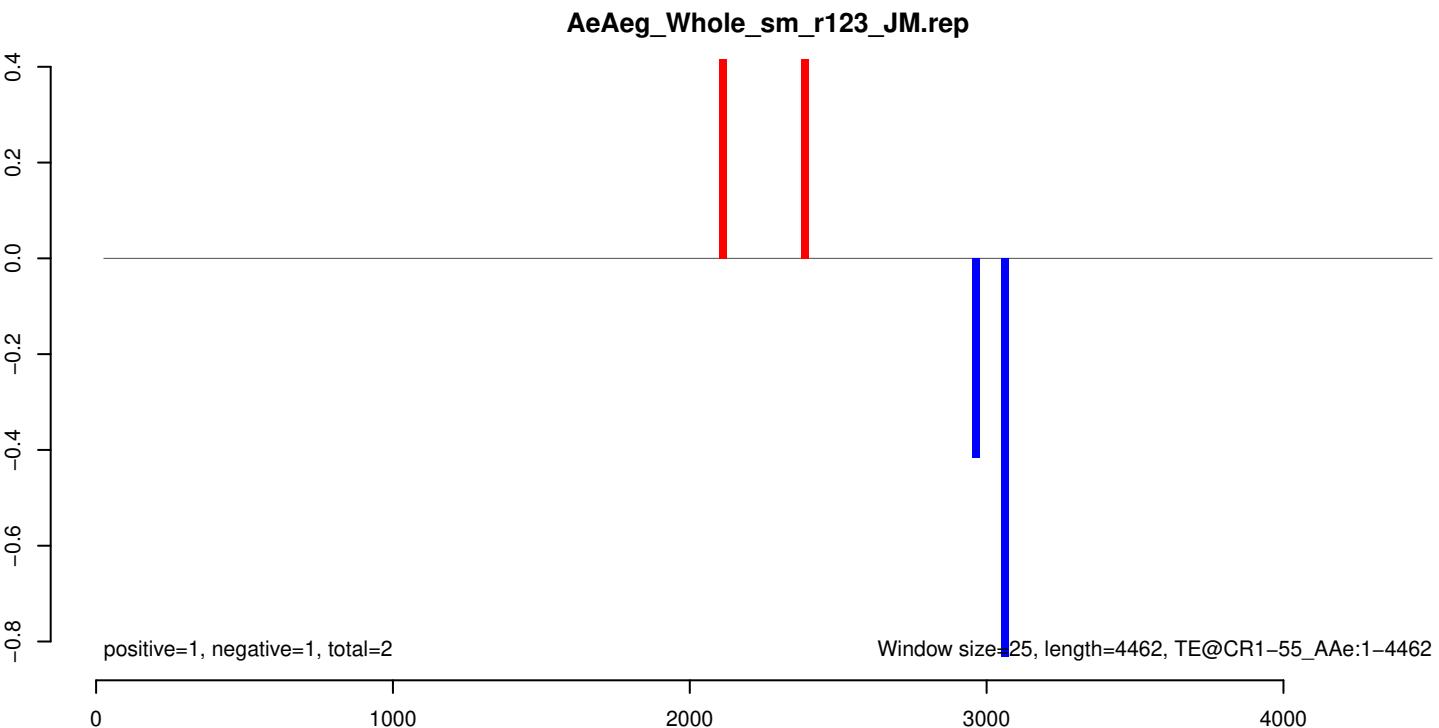
positive=1, negative=0, total=1



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=1, total=2

Window size=25, length=4462, TE@CR1-55\_AAe:1-4462



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

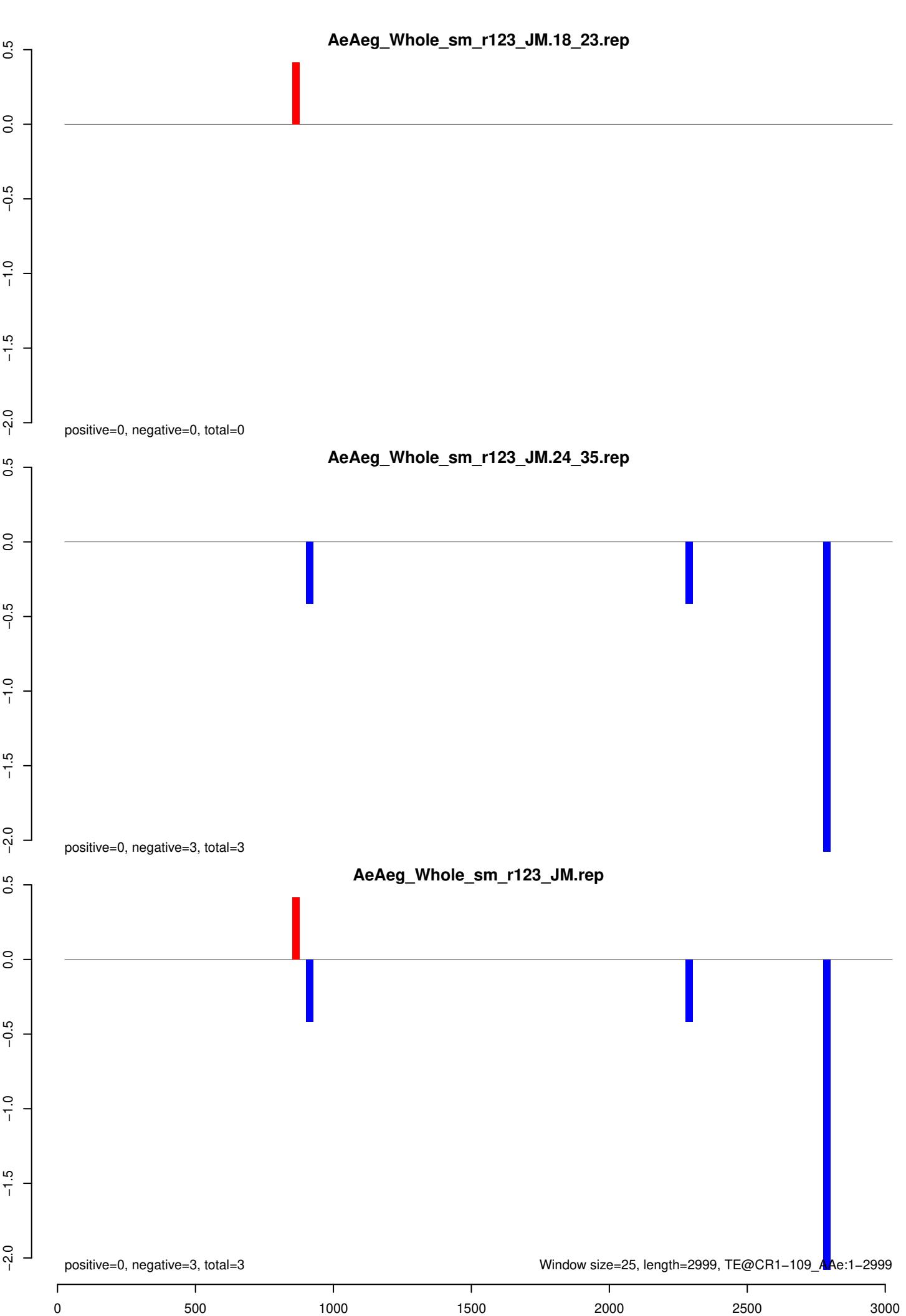
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=3, total=3

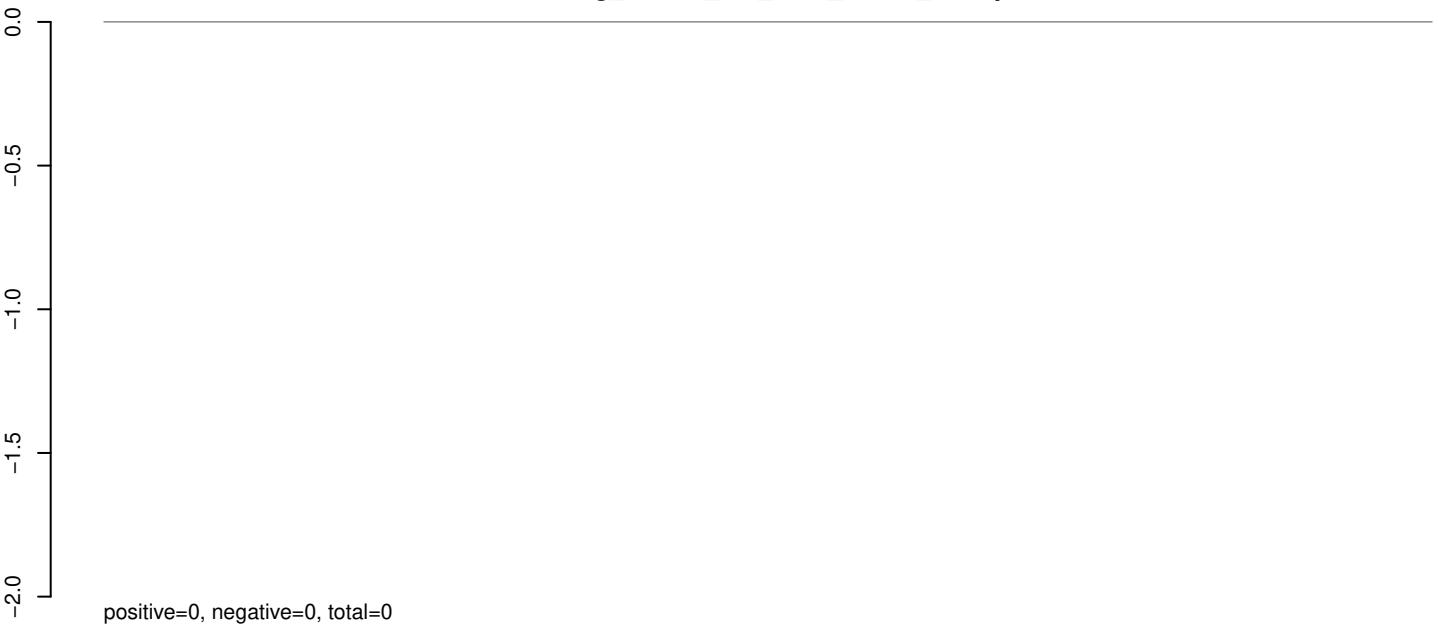
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positive=0, negative=3, total=3

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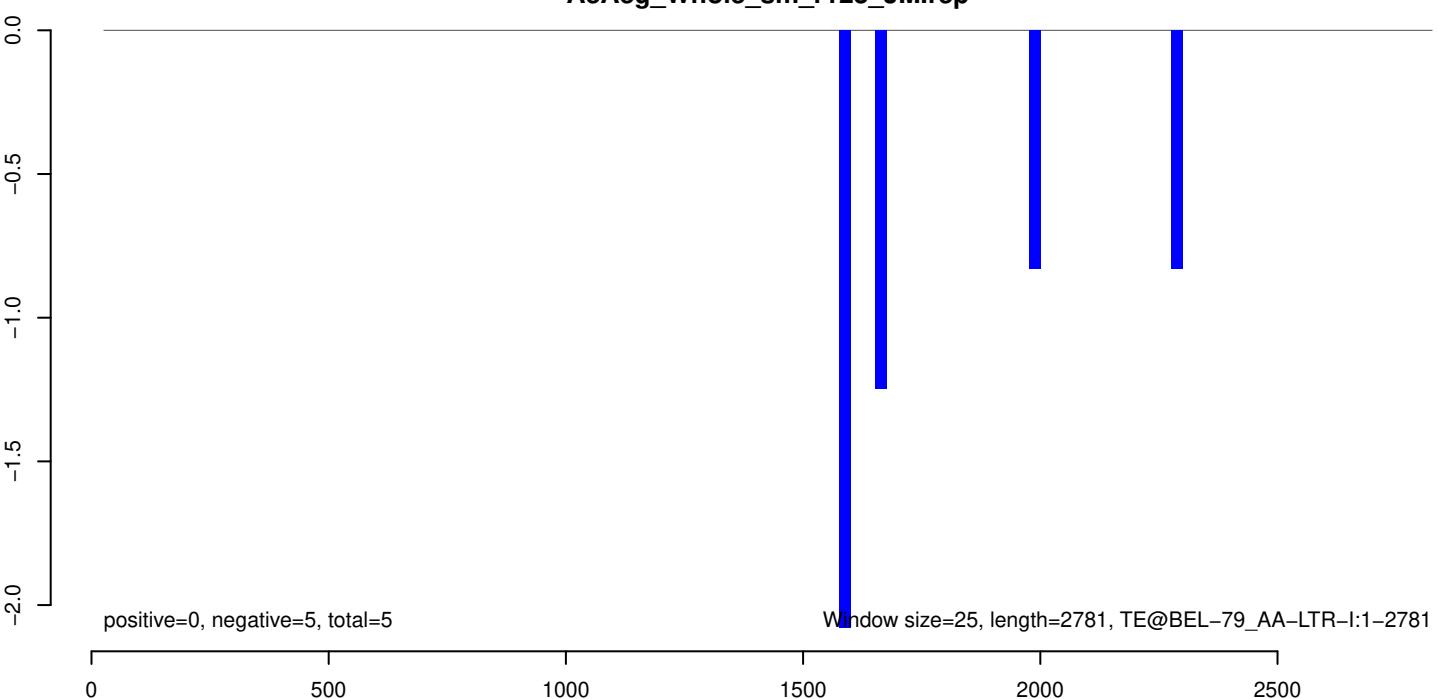
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



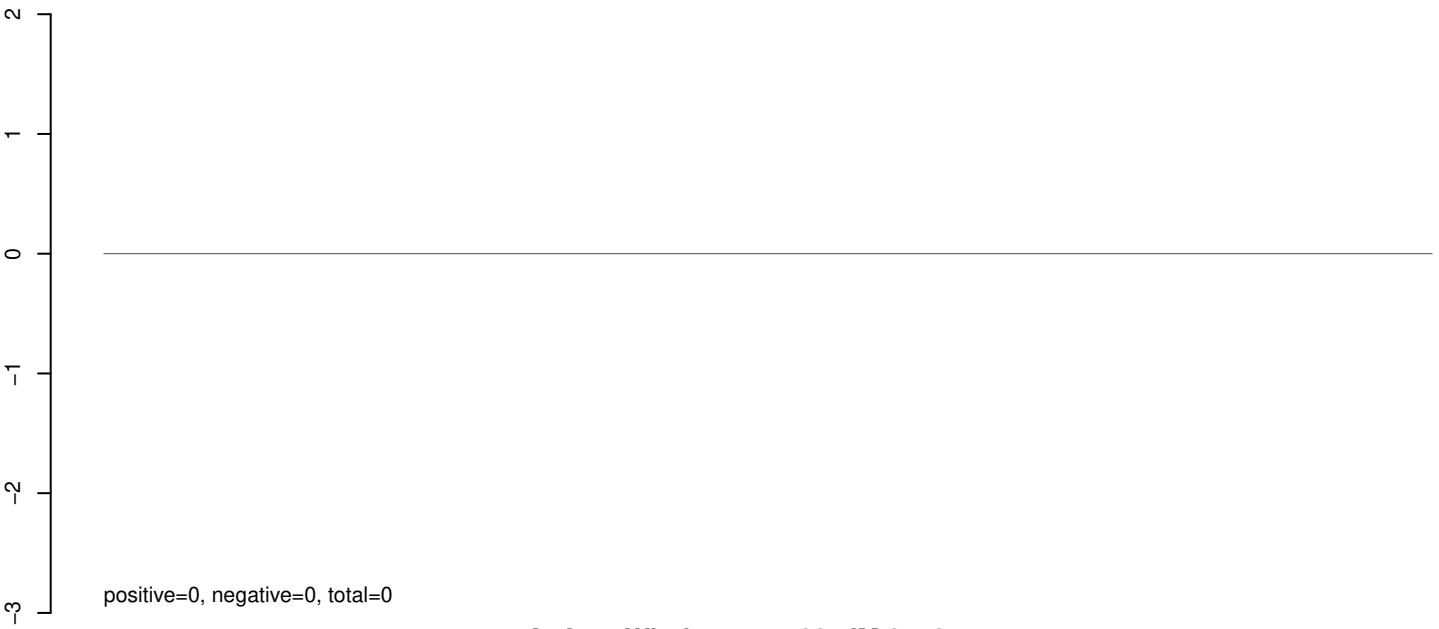
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



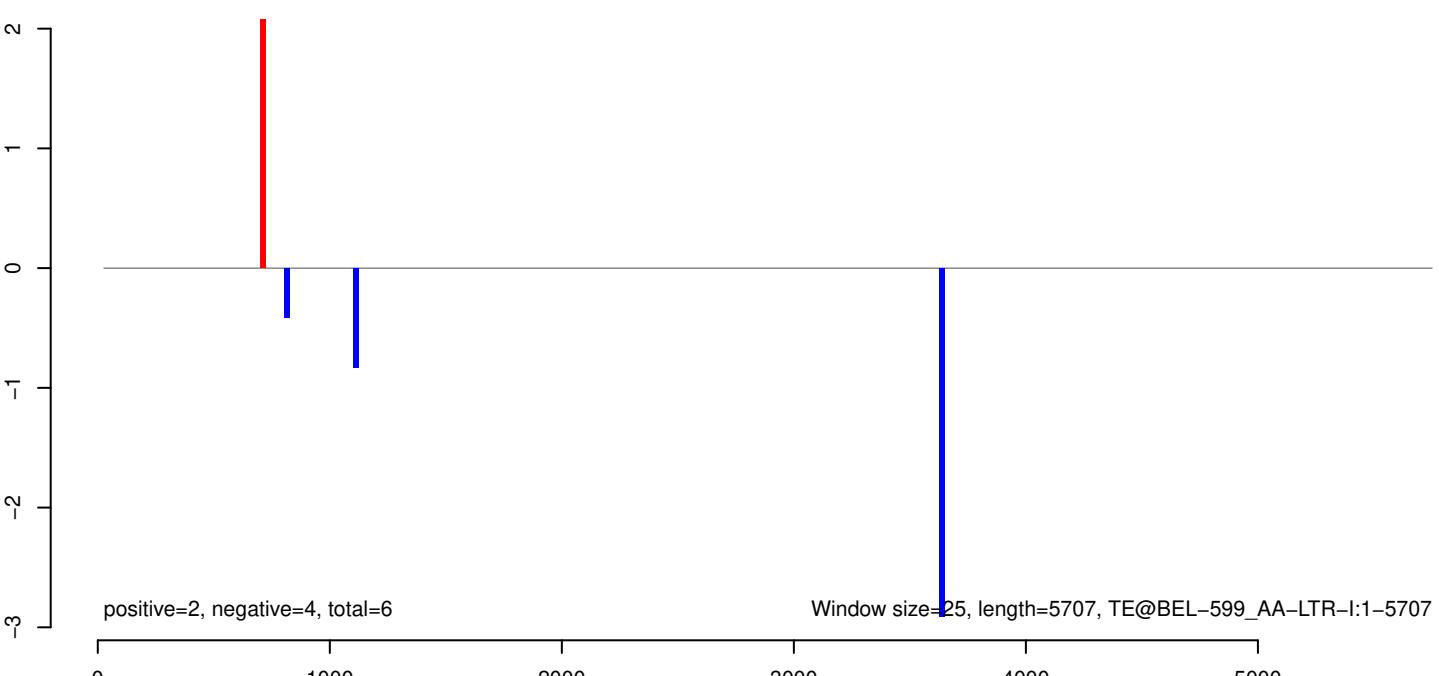
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



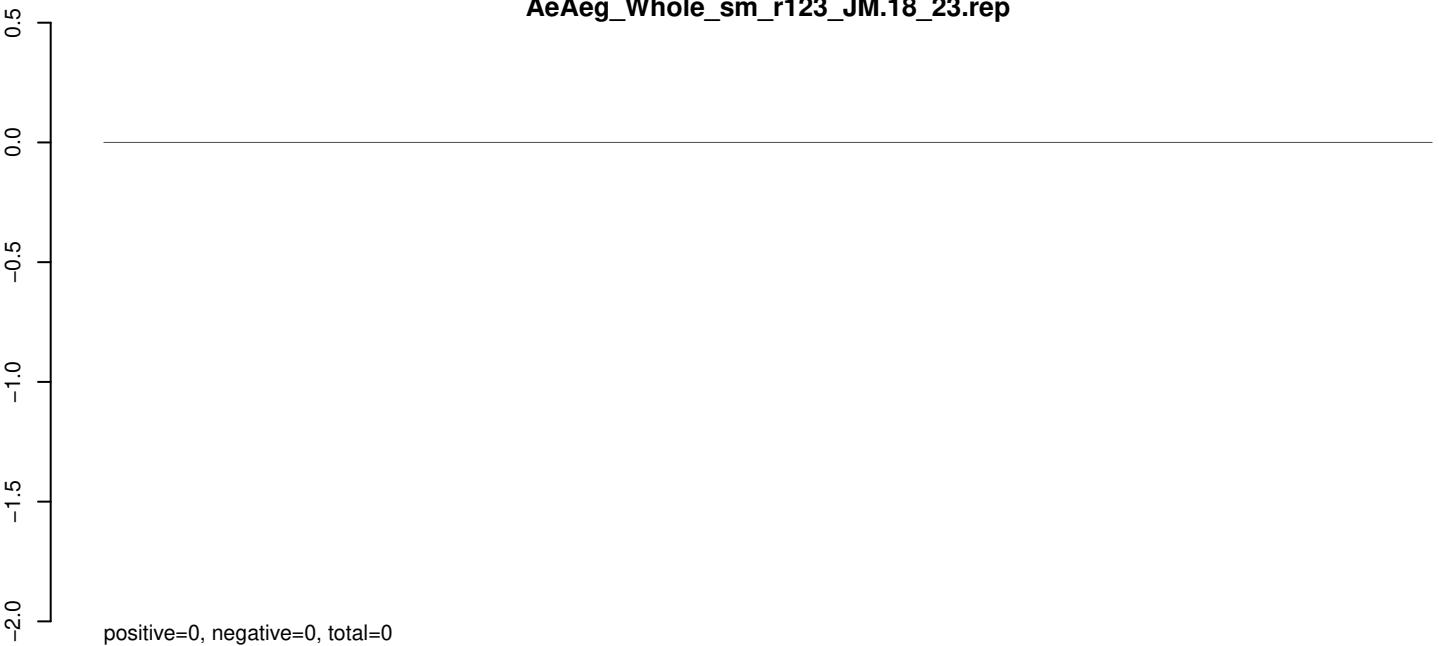
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



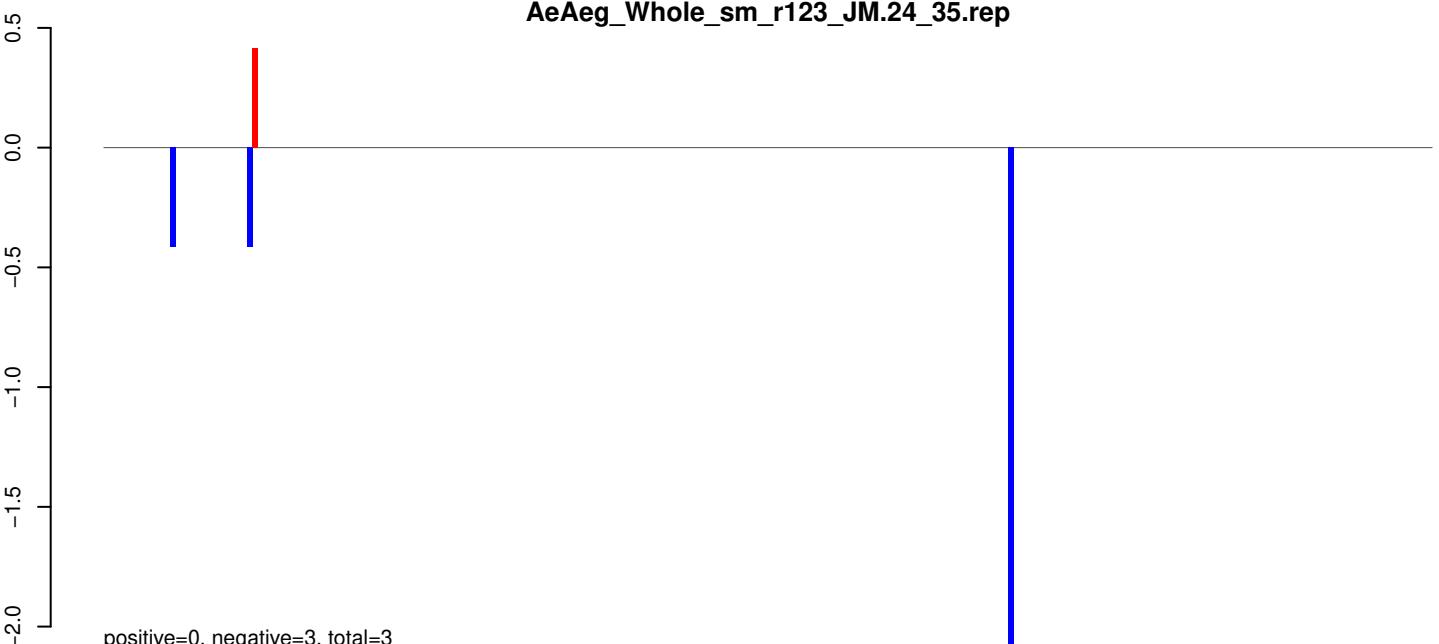
**AeAeg\_Whole\_sm\_r123\_JM.rep**



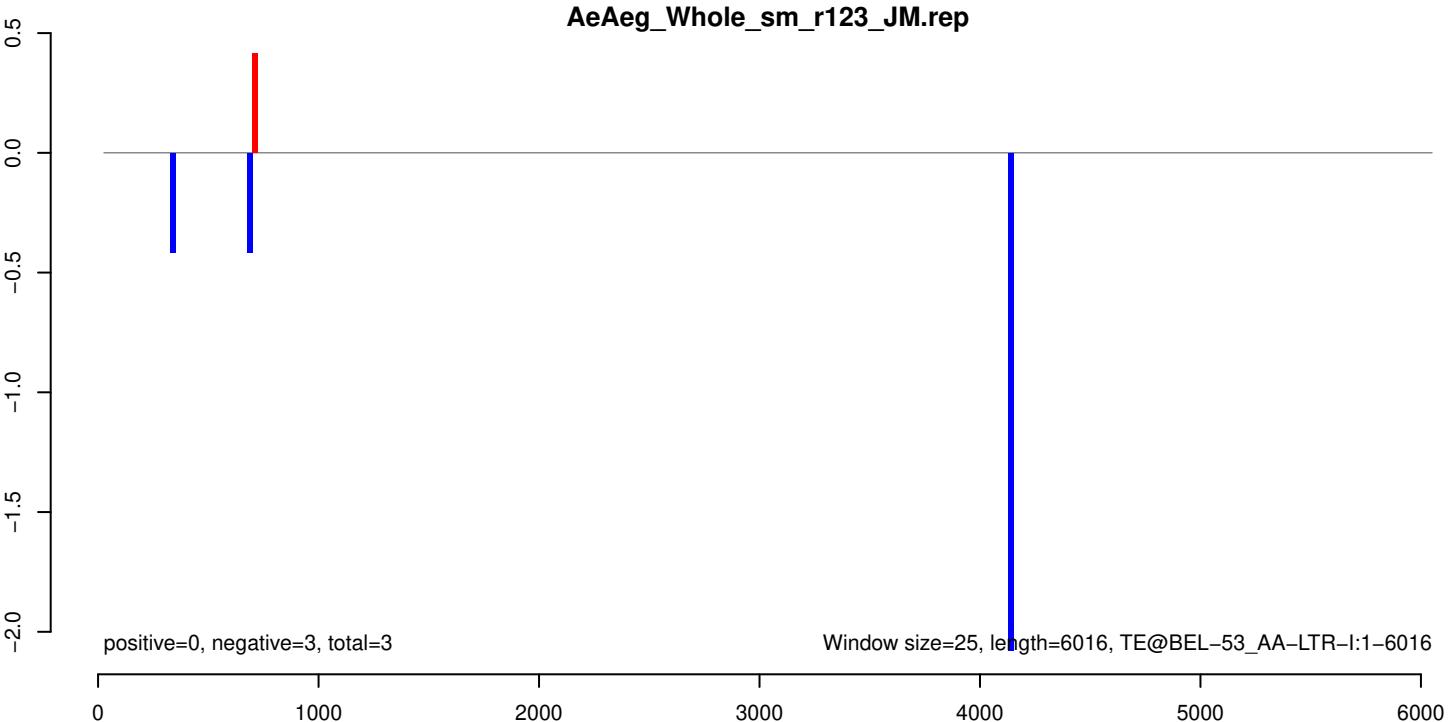
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### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



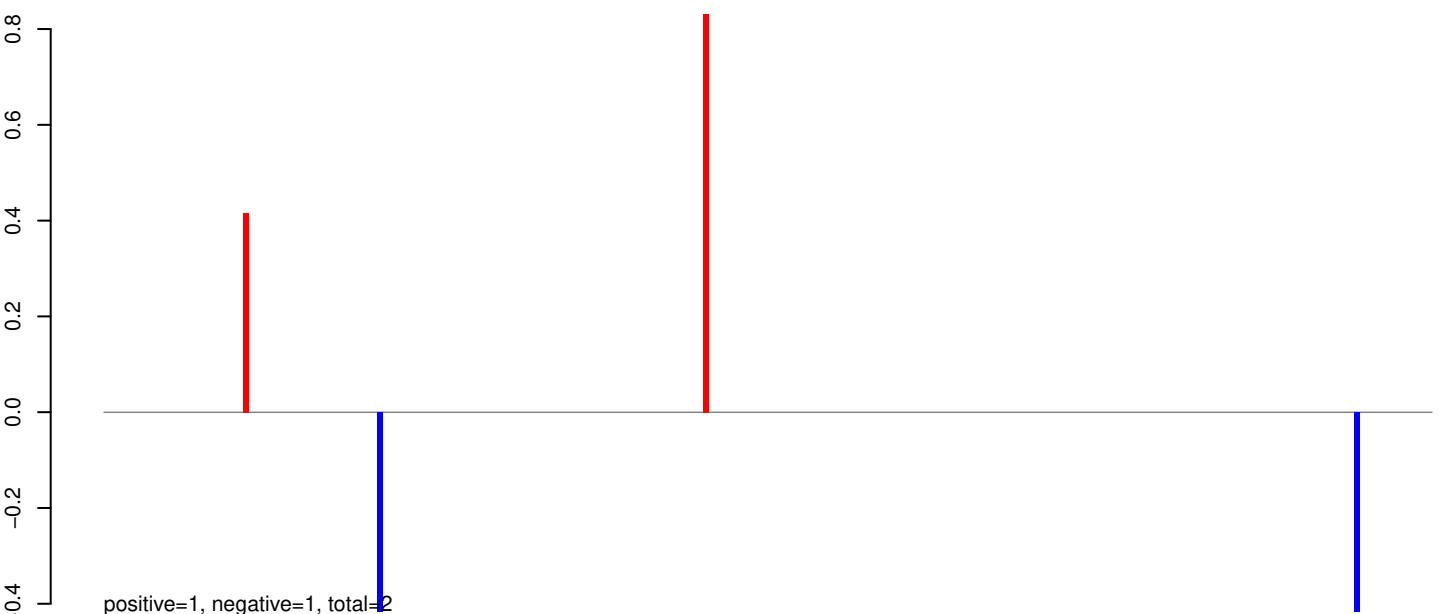
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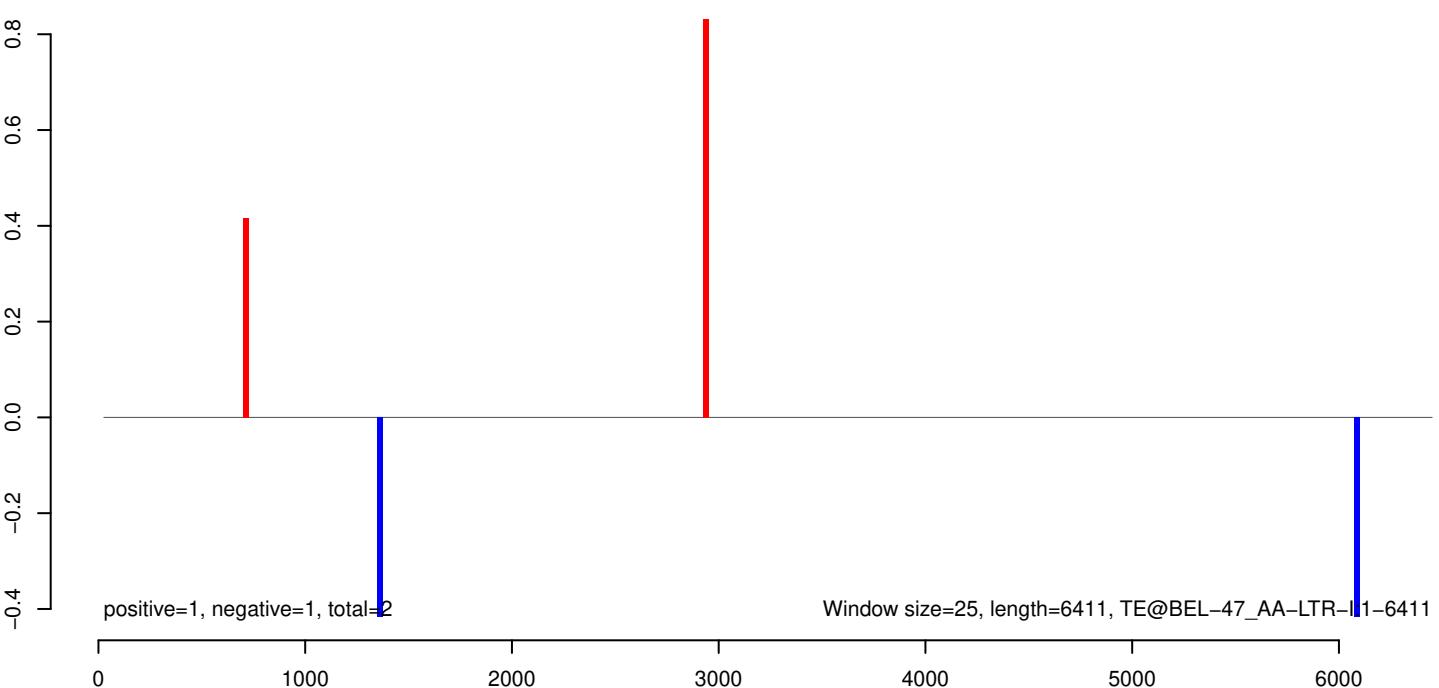
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



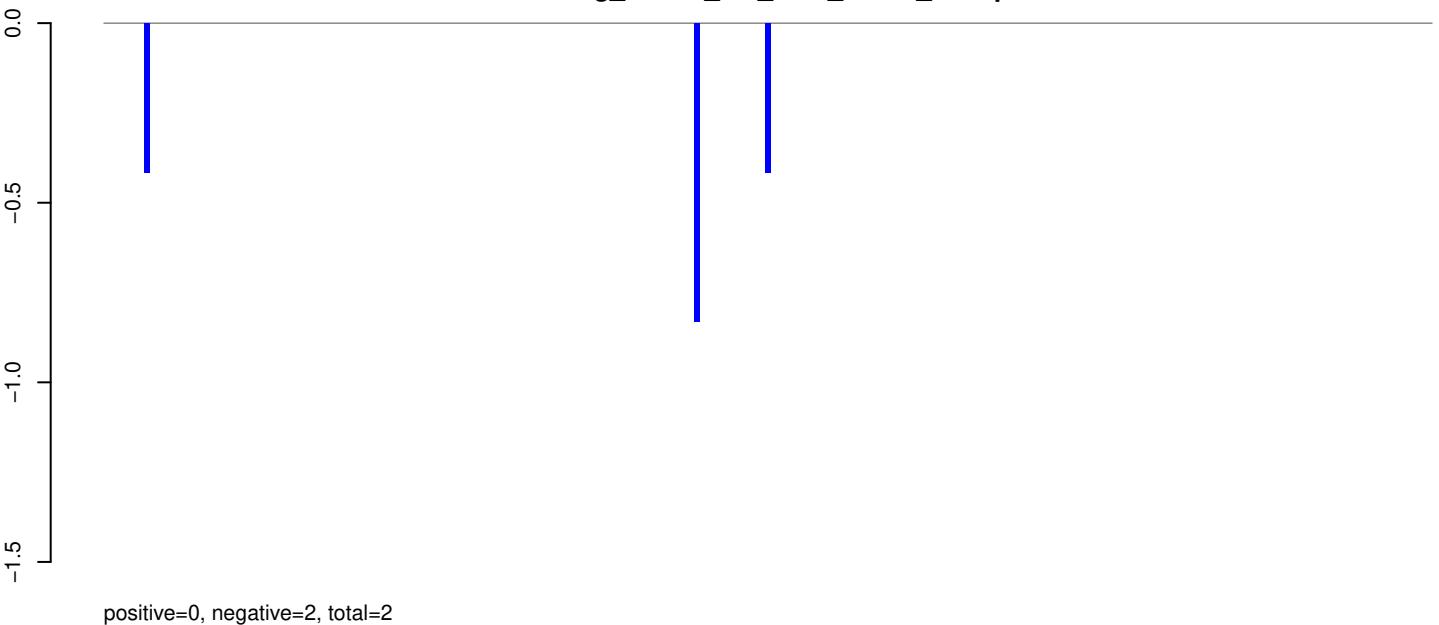
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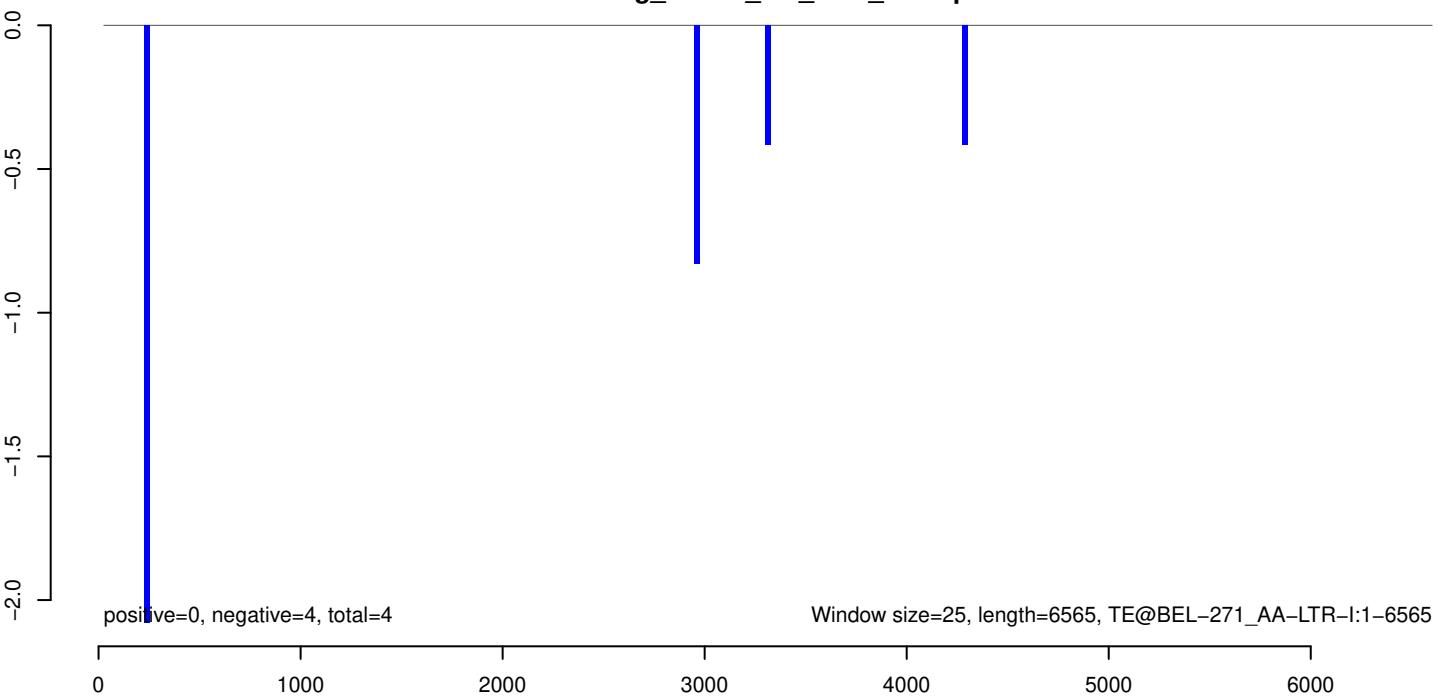
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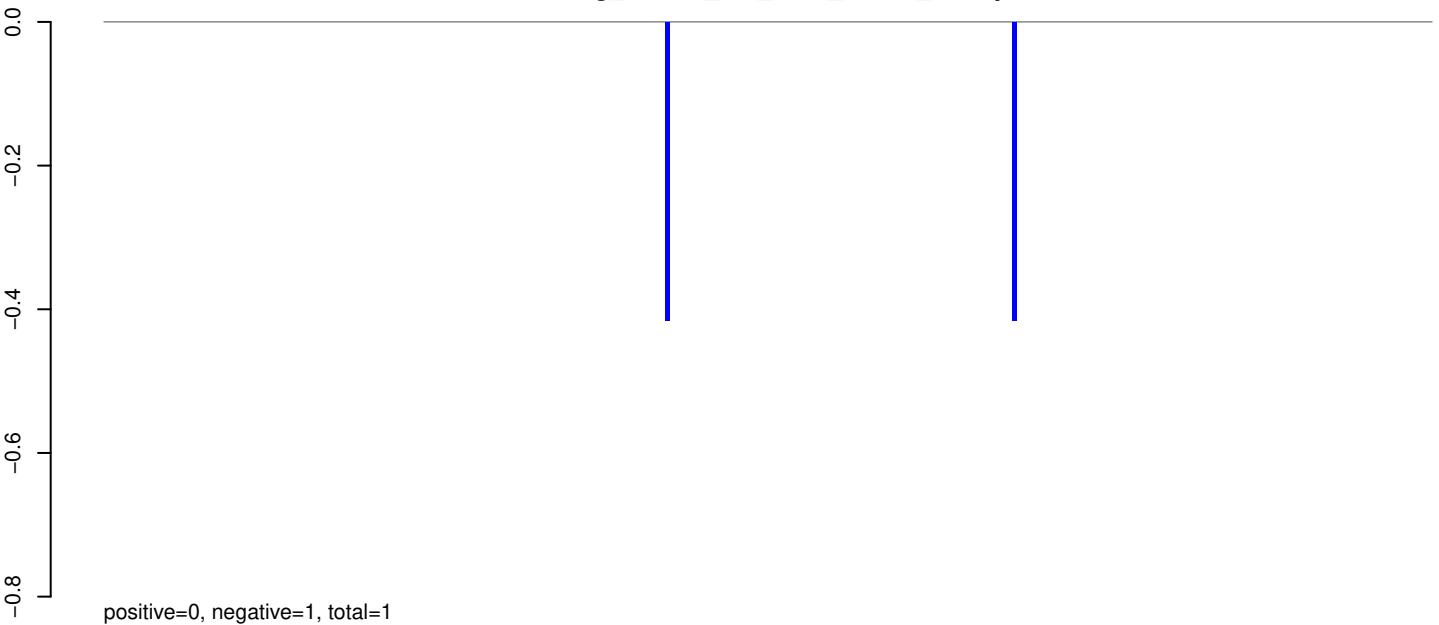
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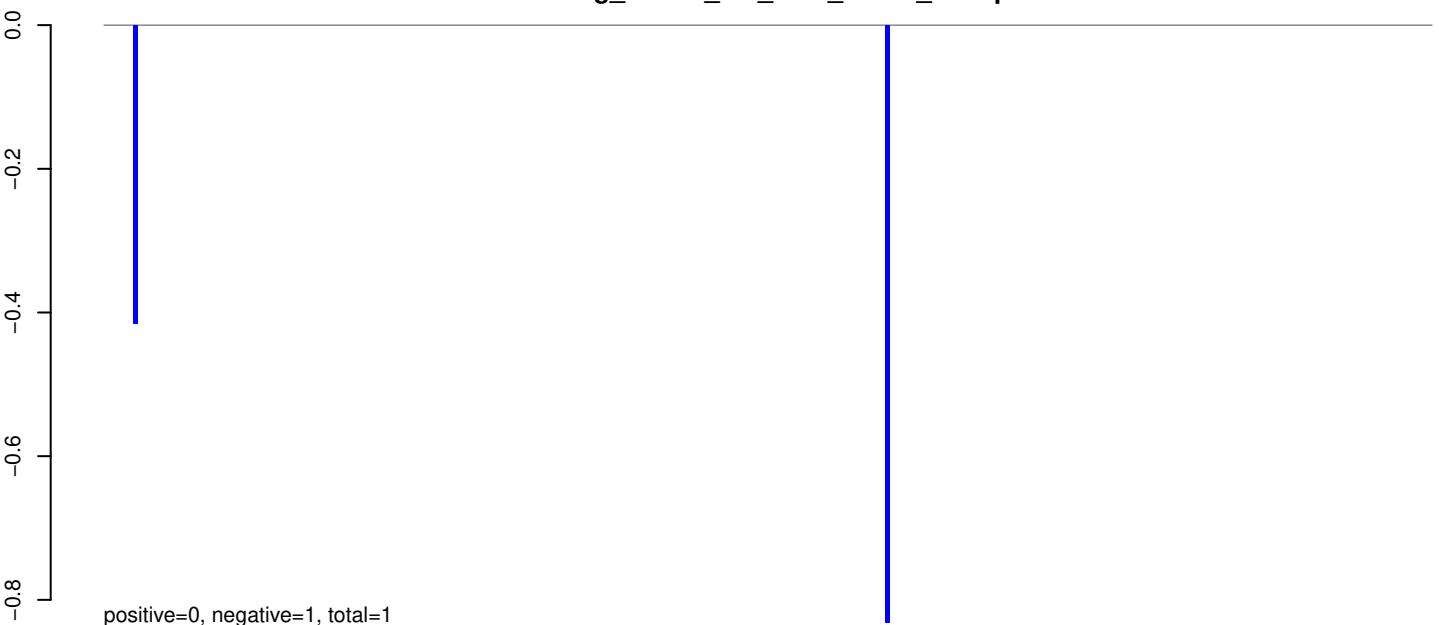
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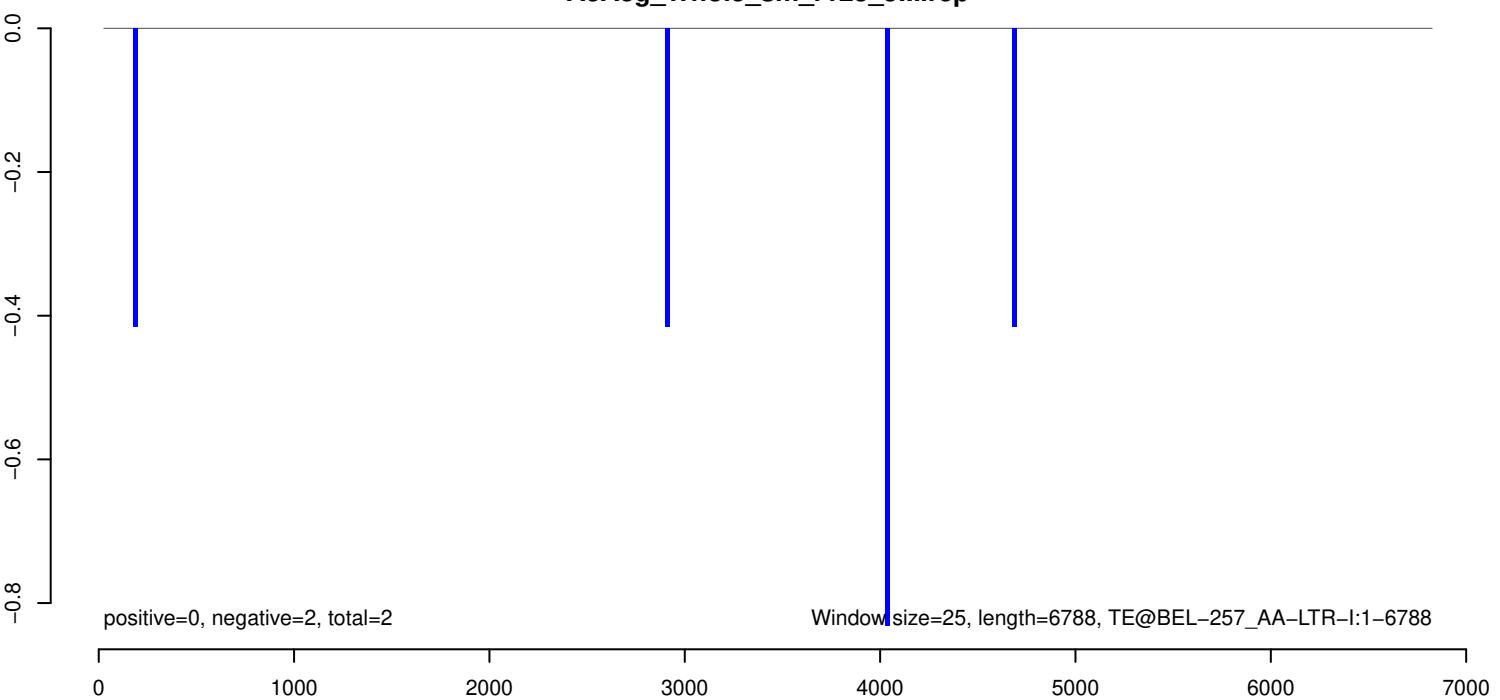
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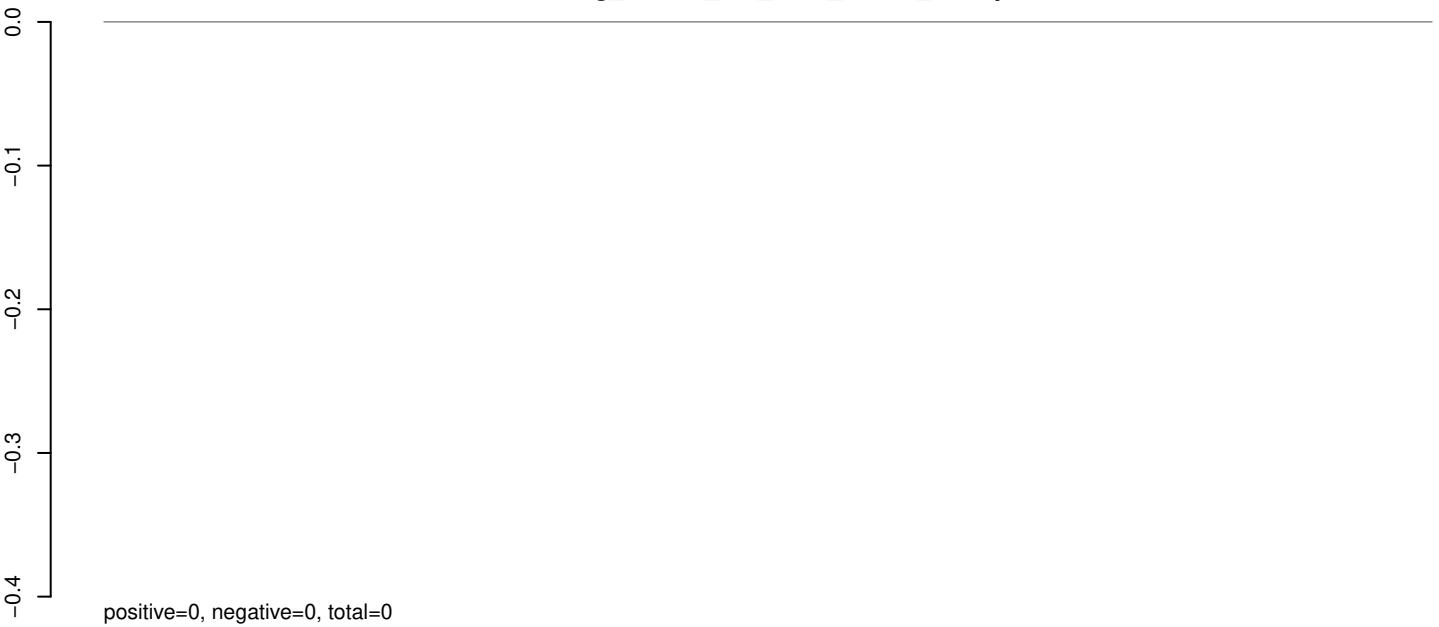
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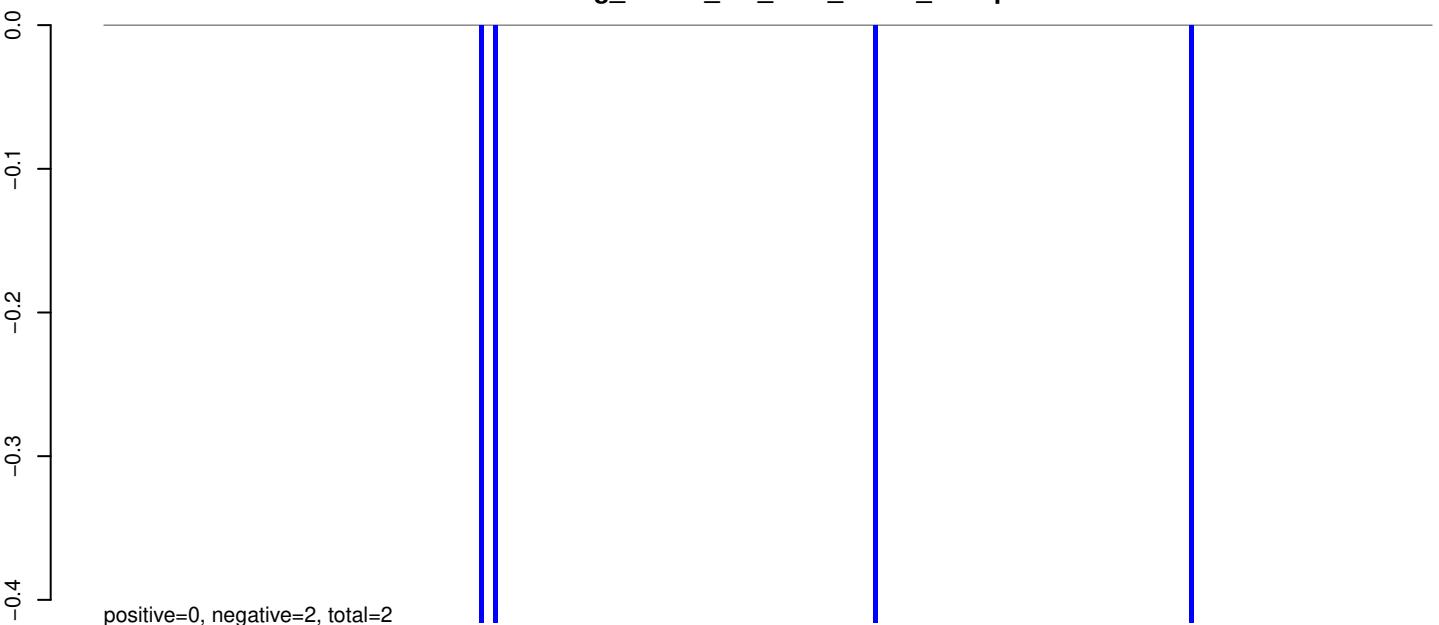
### AeAeg\_Whole\_sm\_r123\_JM.rep



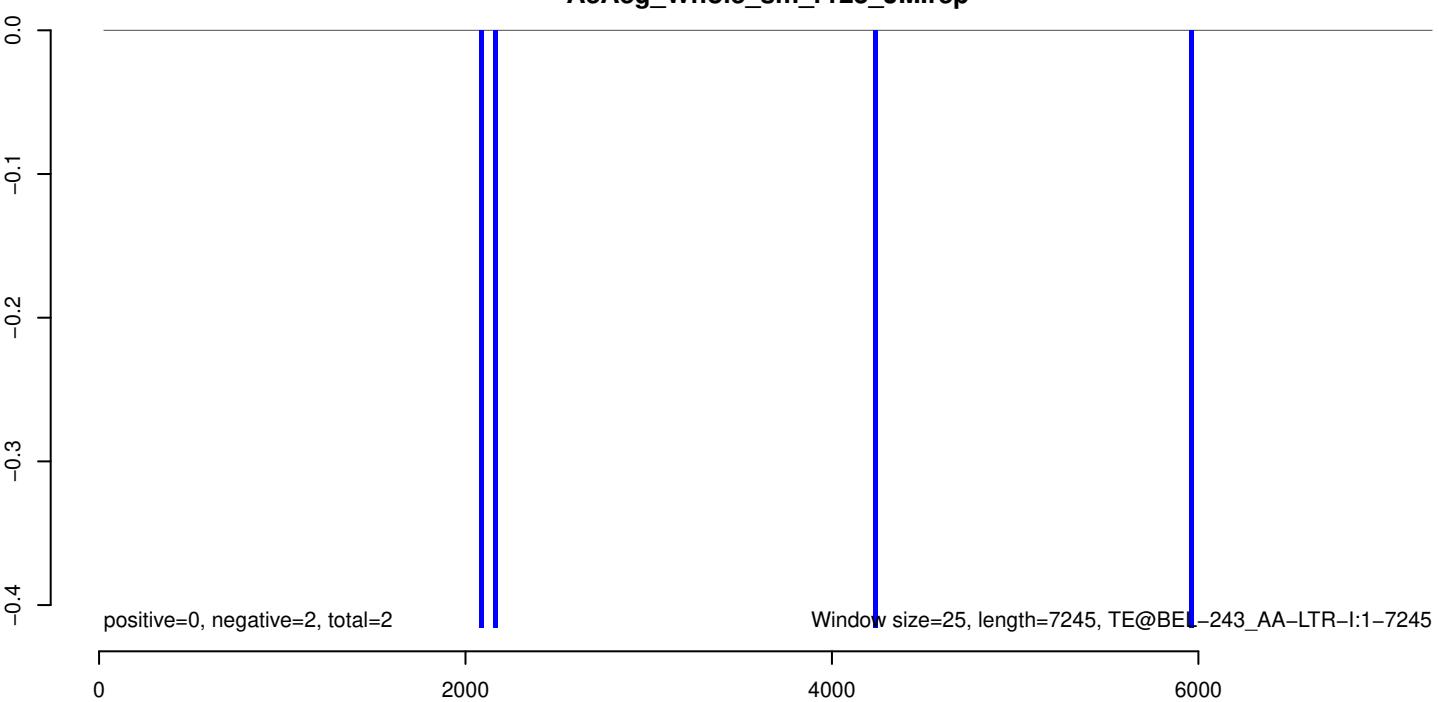
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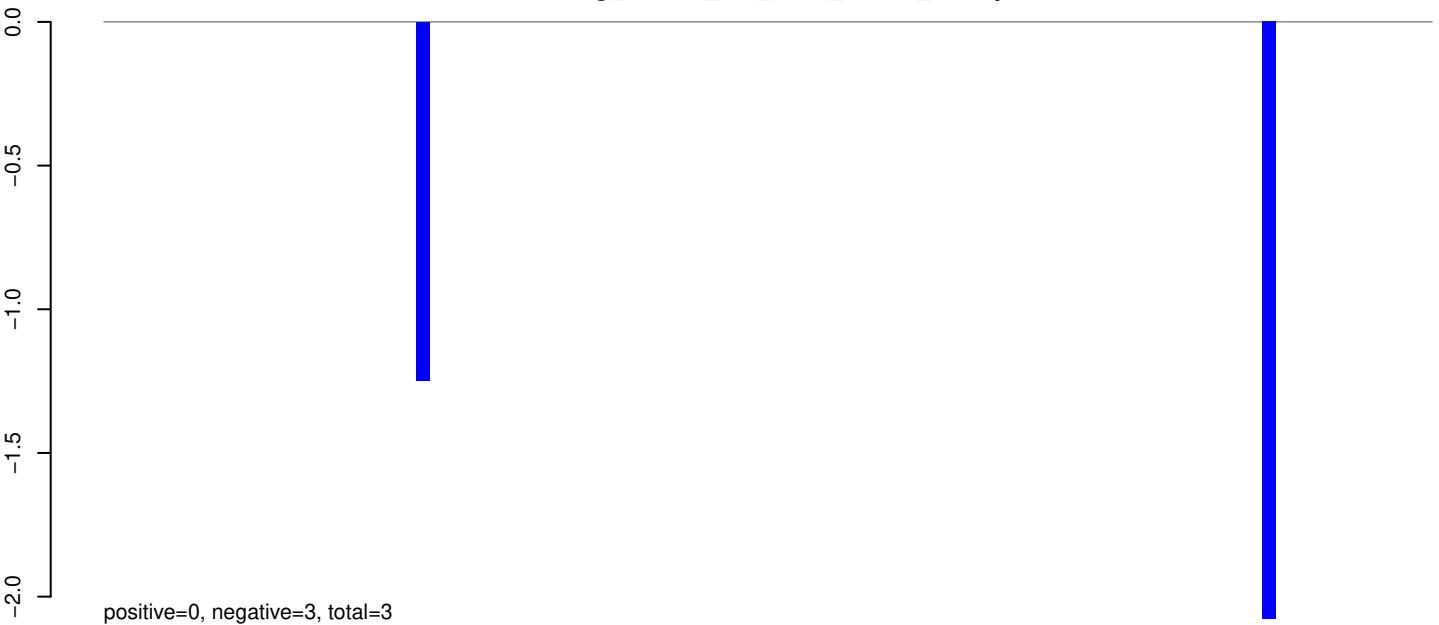
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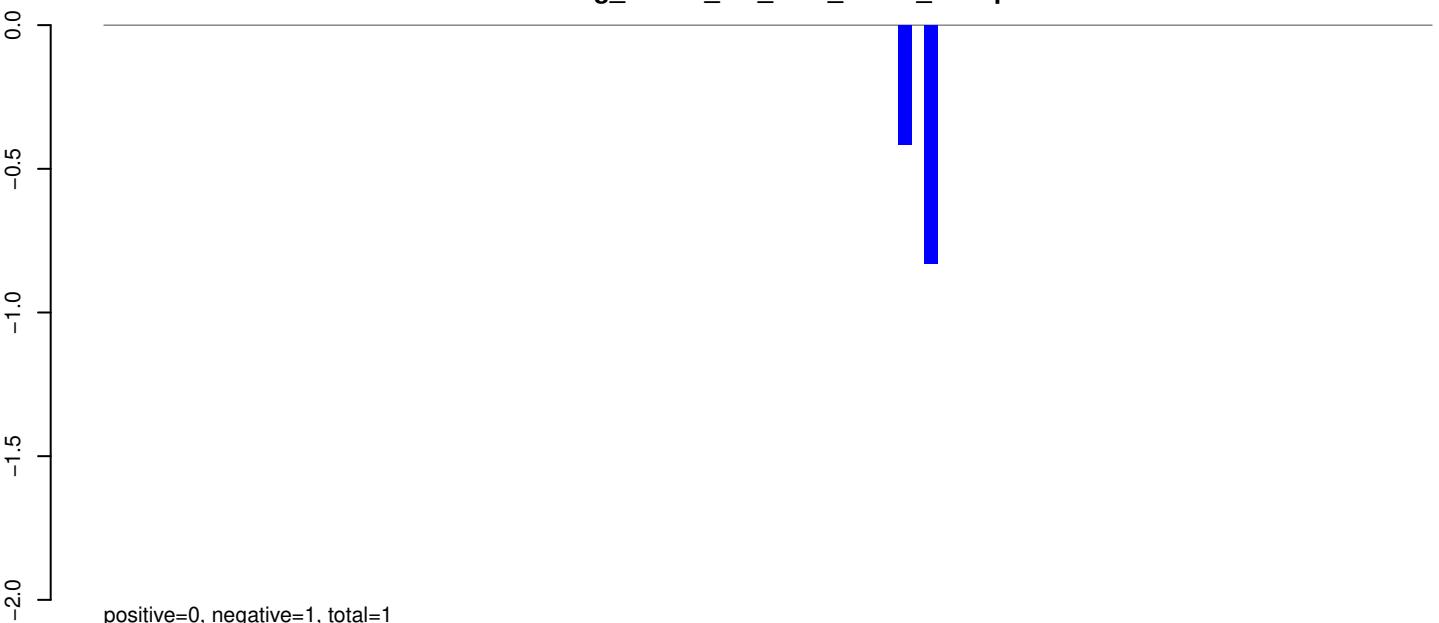
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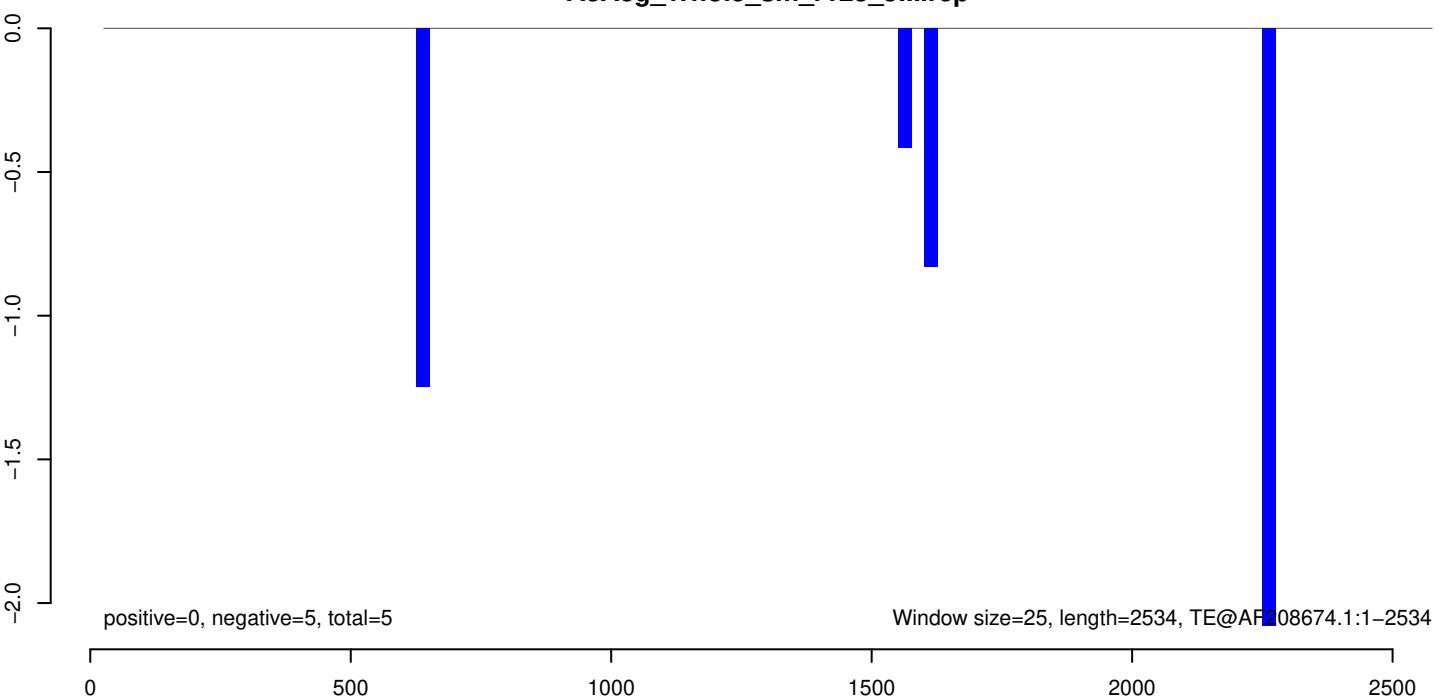
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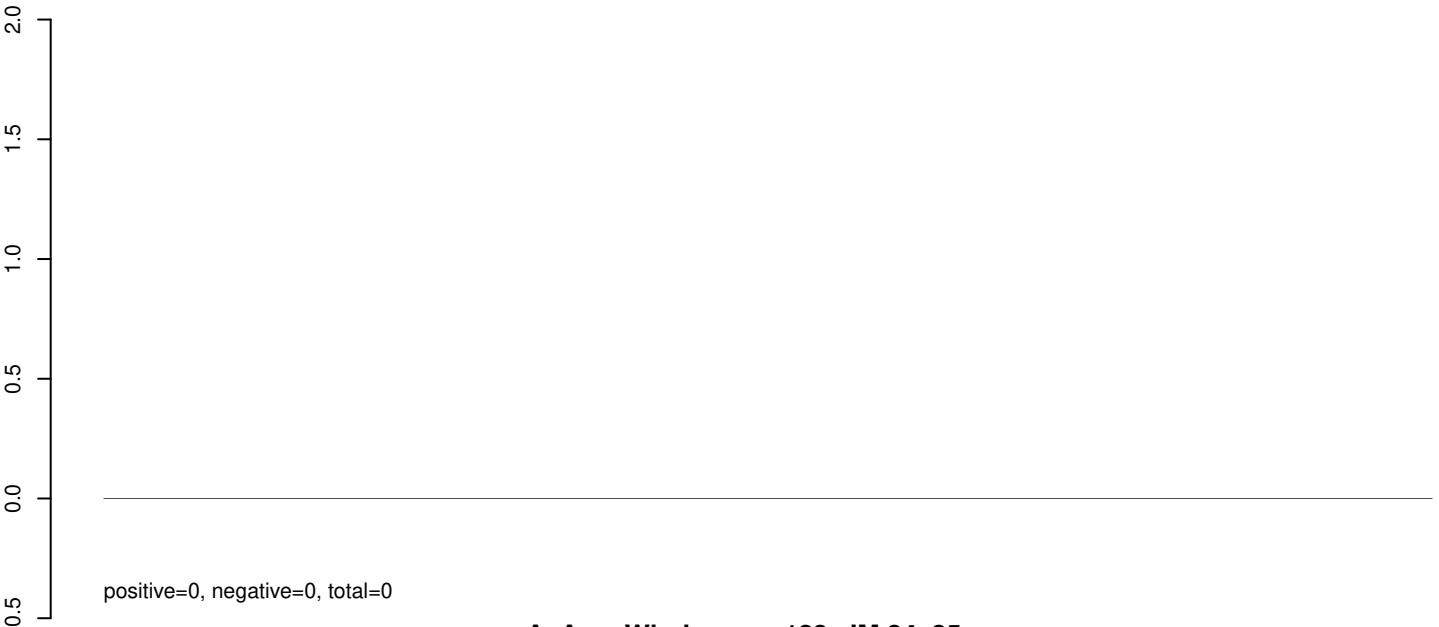
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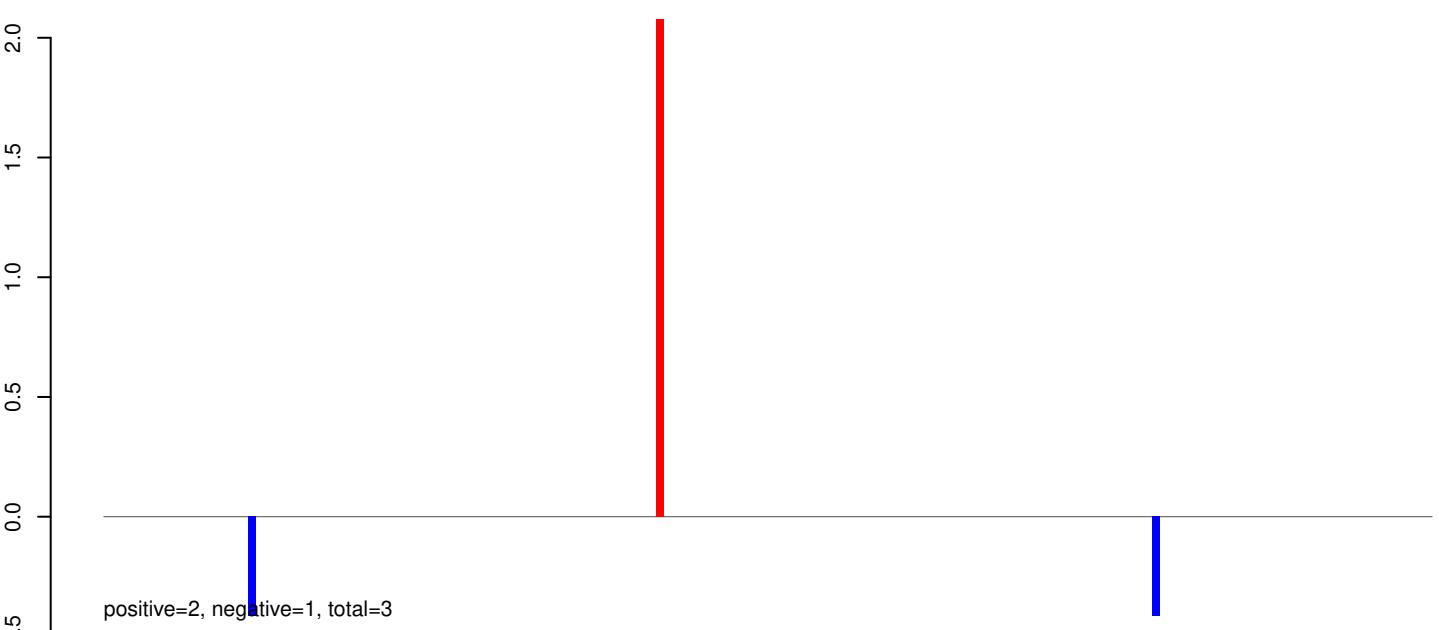
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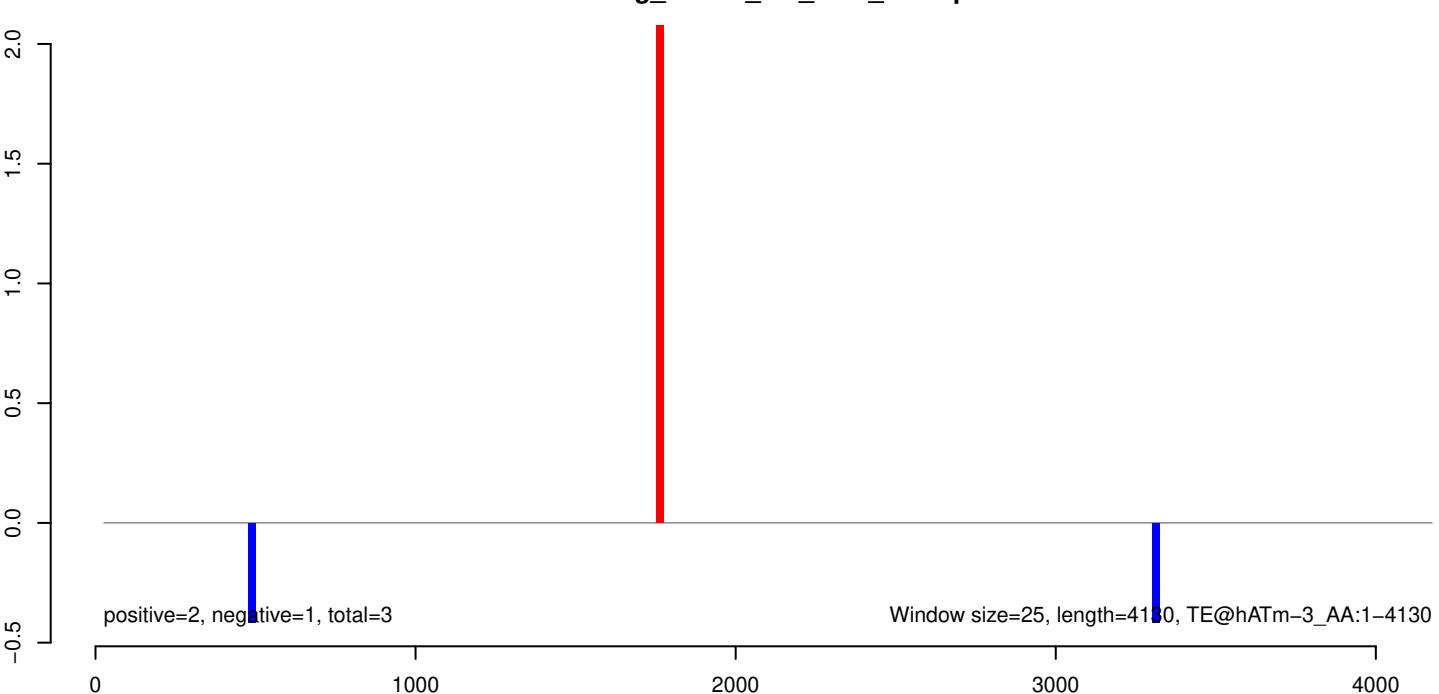
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### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



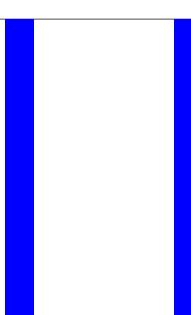
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positive=0, negative=1, total=1



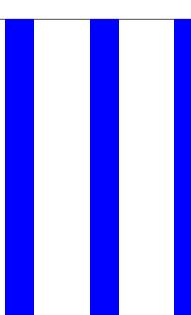
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positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.rep

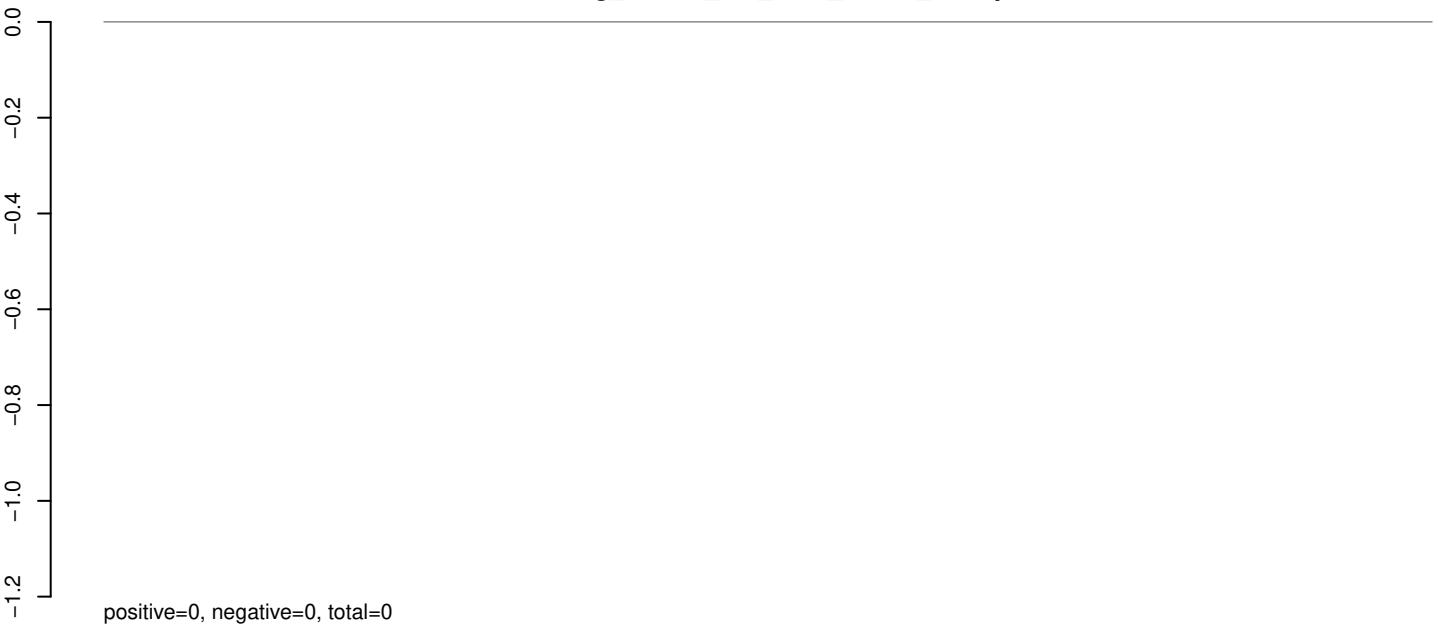
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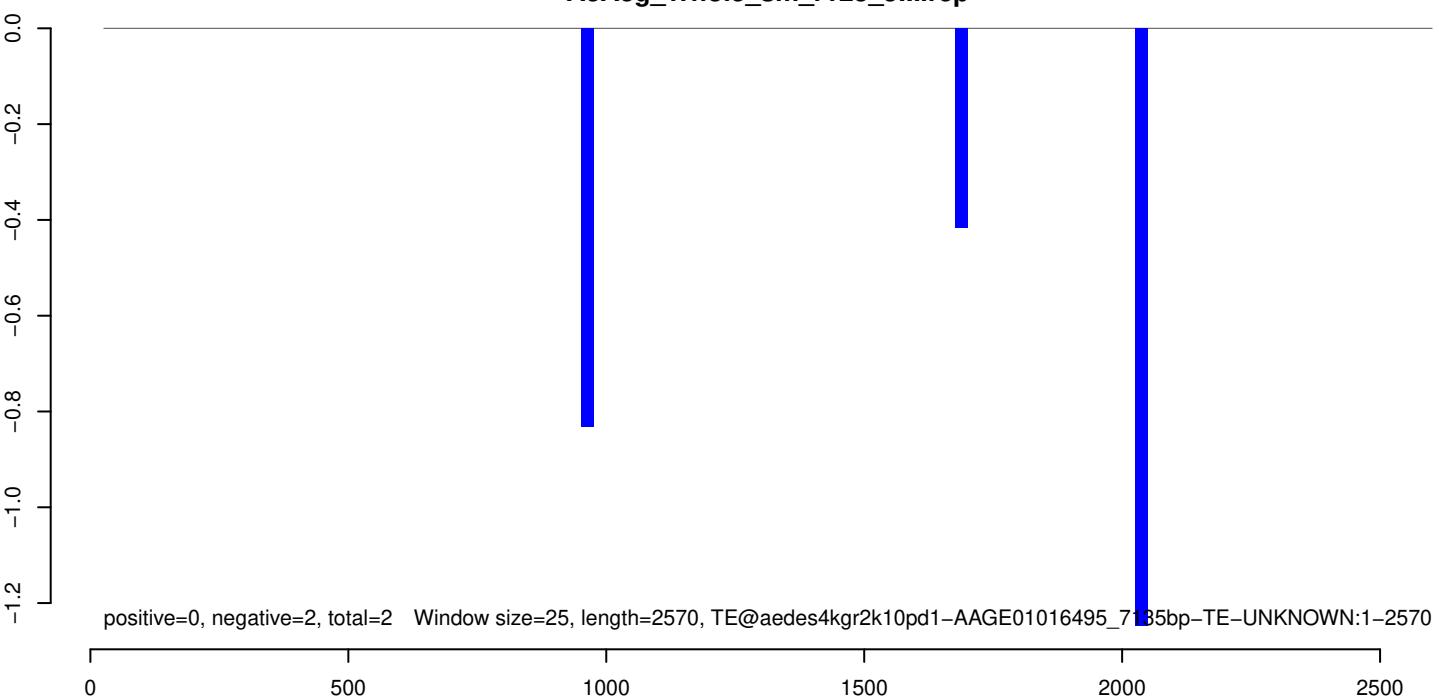
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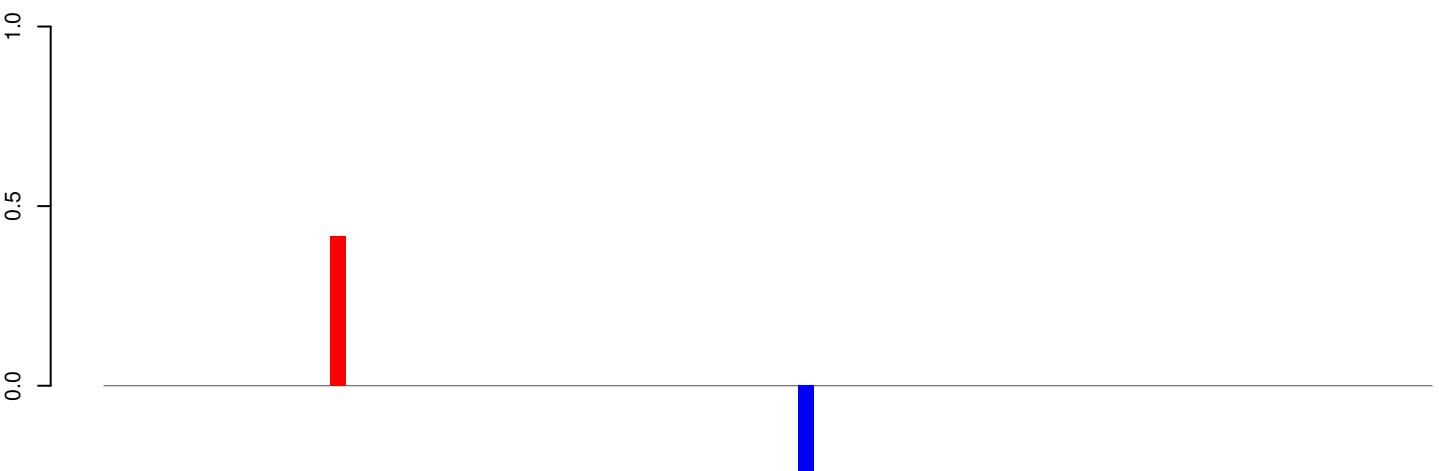
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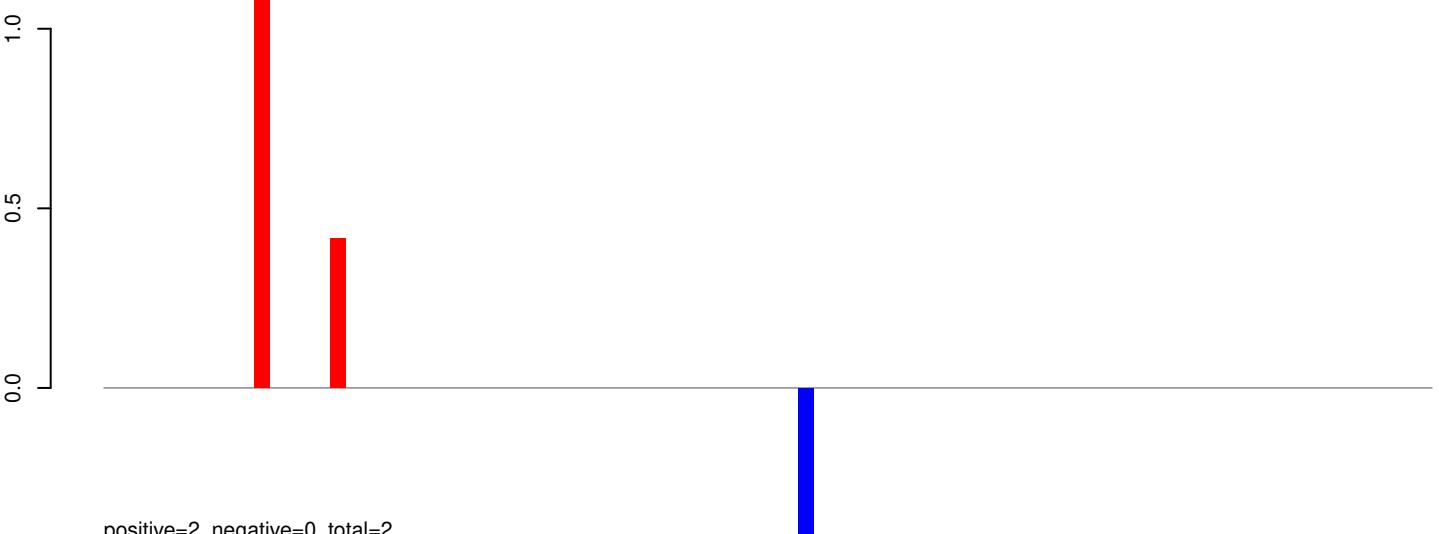
### AeAeg\_Whole\_sm\_r123\_JM.rep



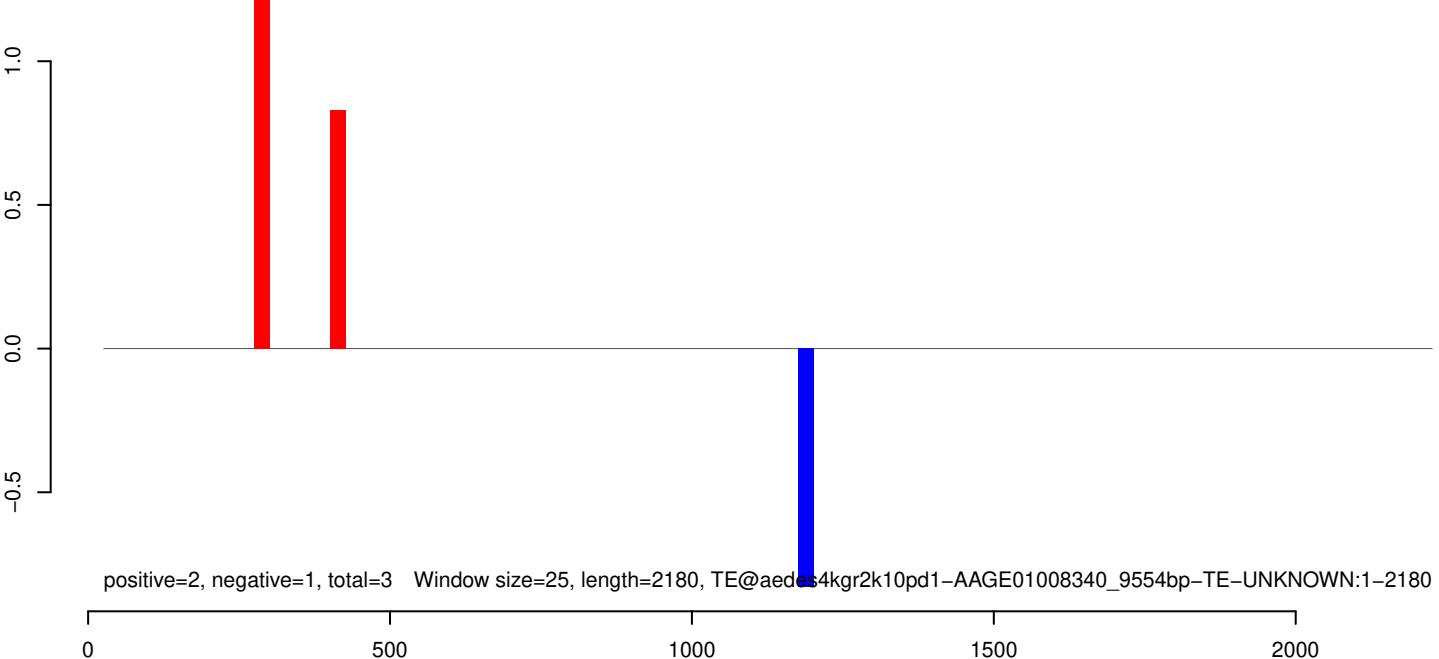
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



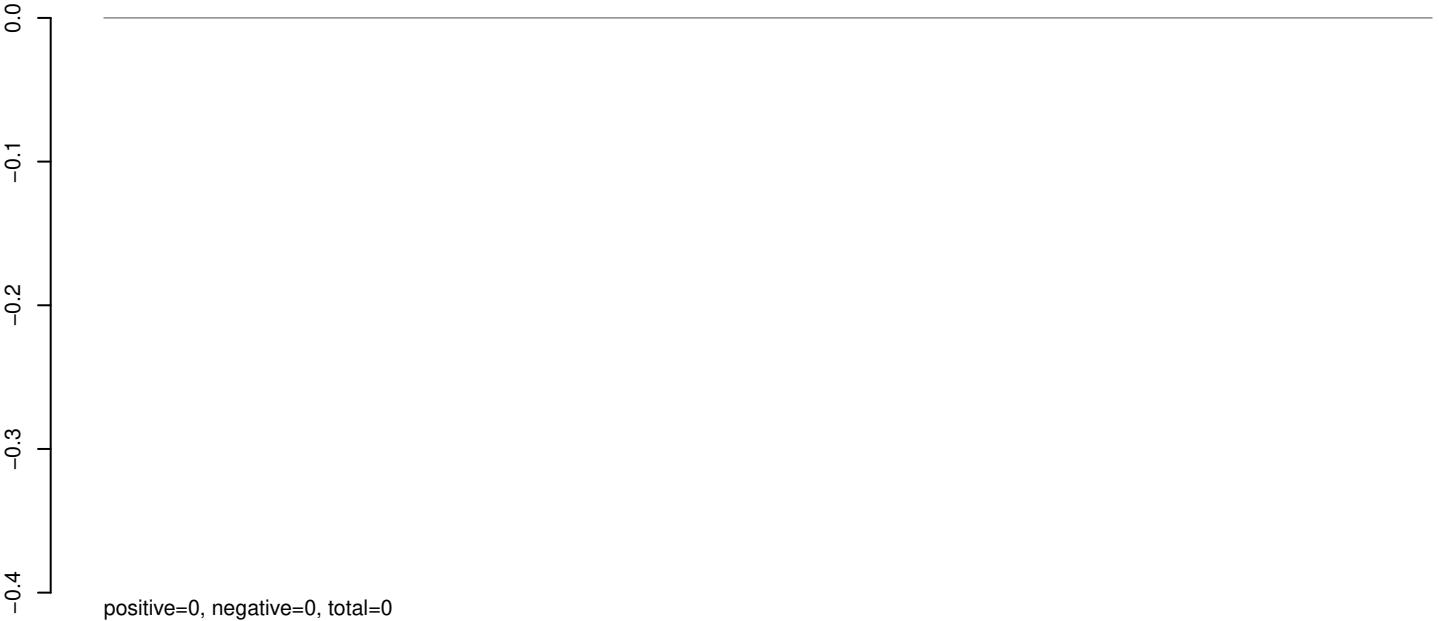
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



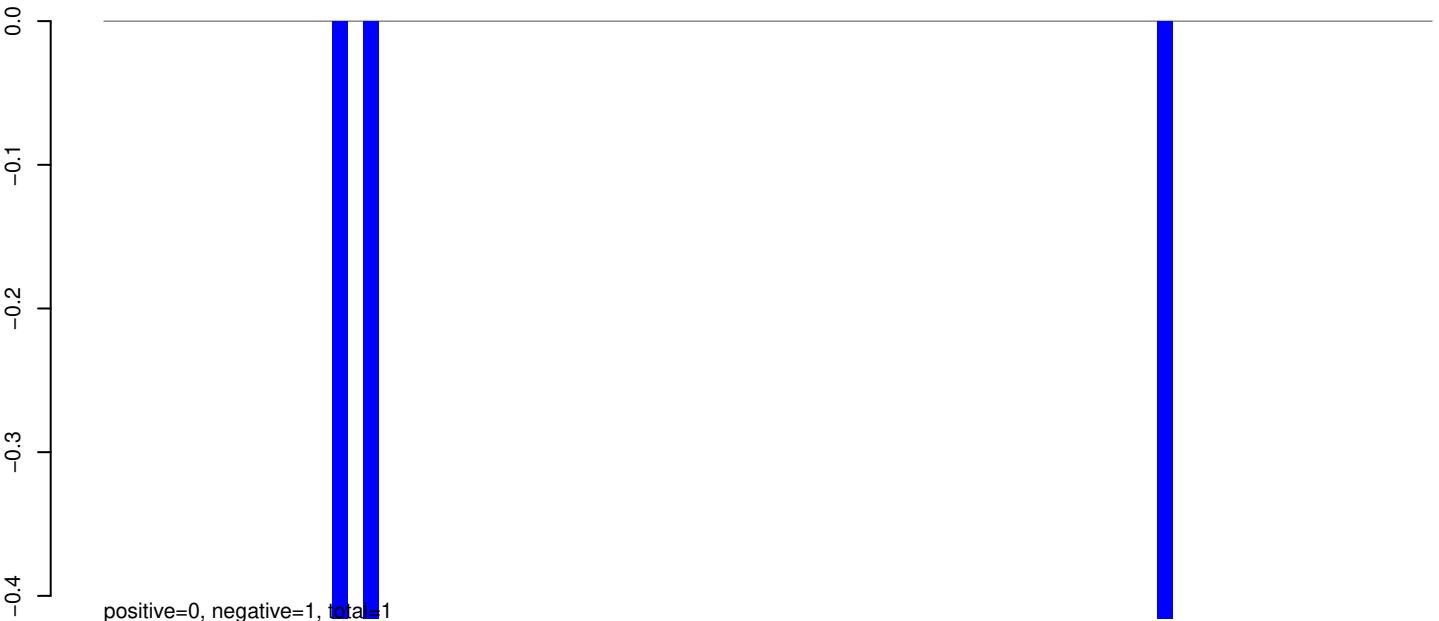
**AeAeg\_Whole\_sm\_r123\_JM.rep**



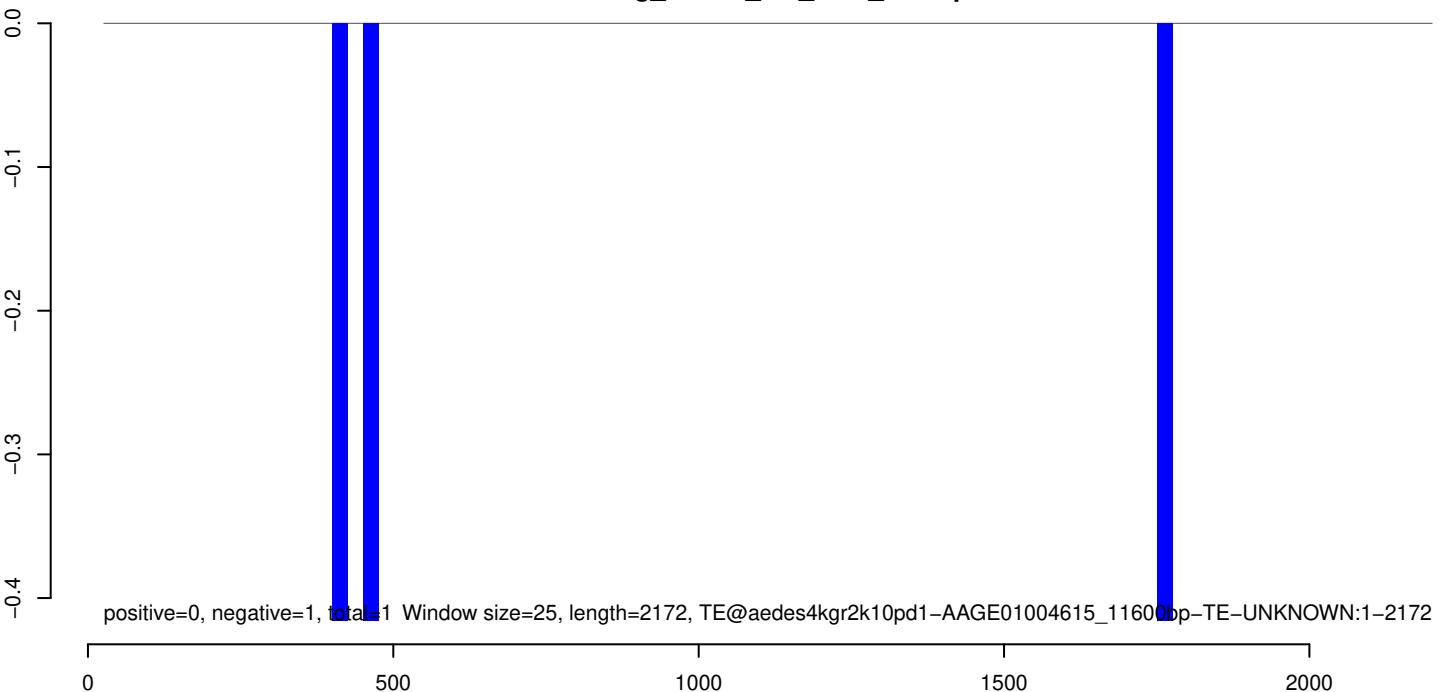
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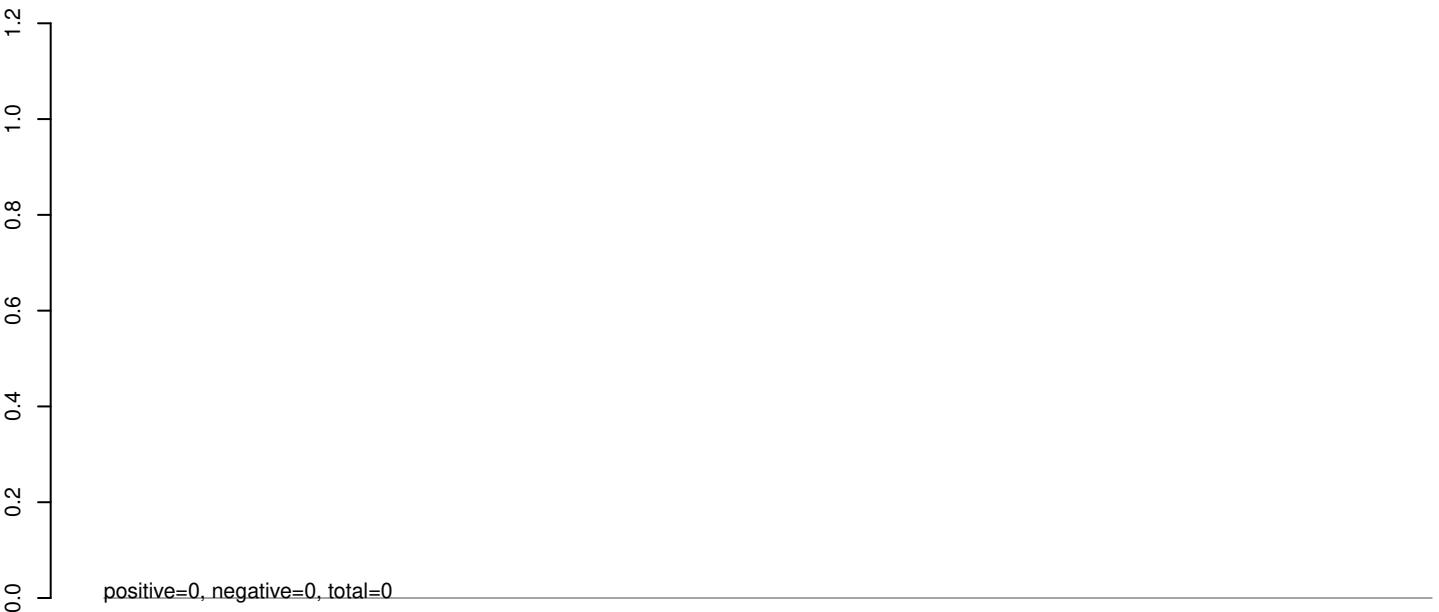
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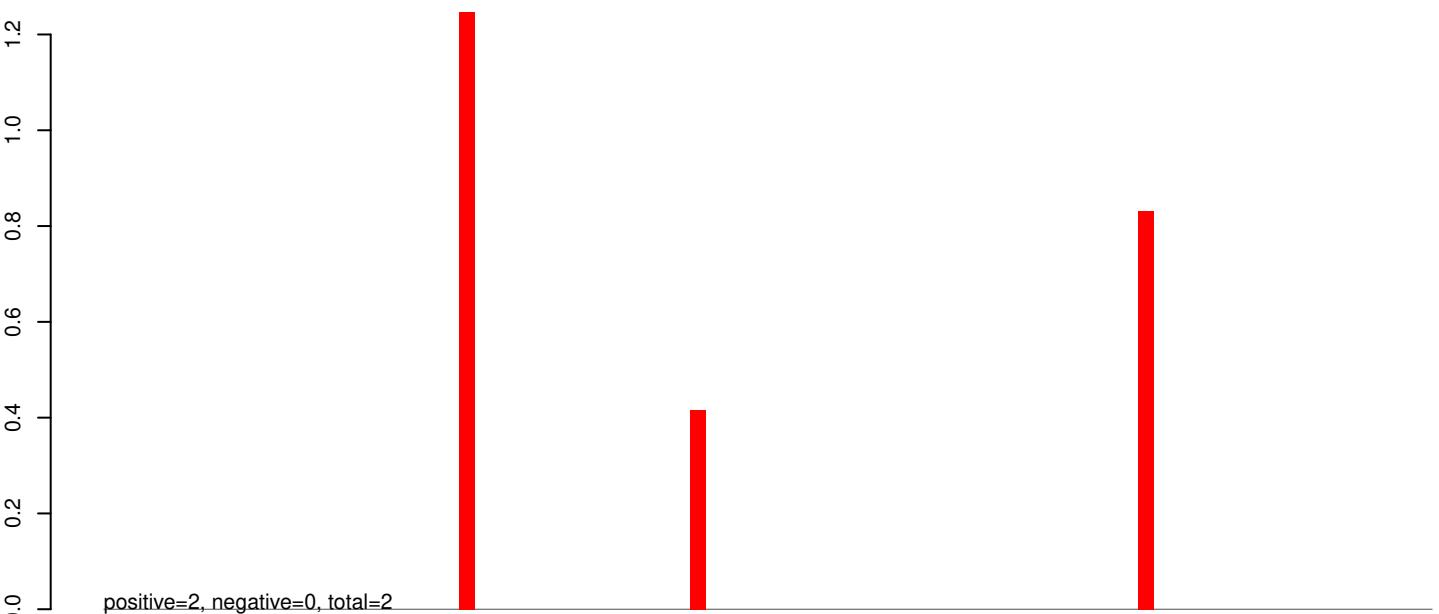
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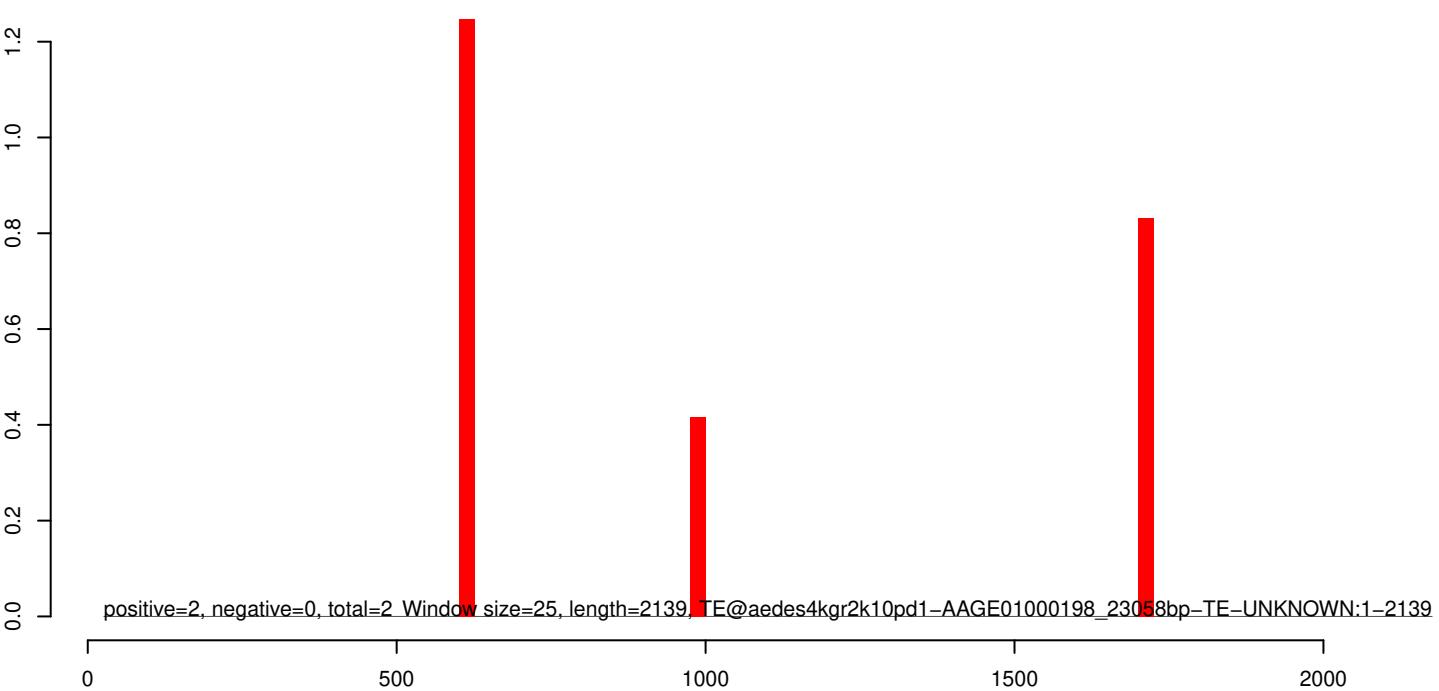
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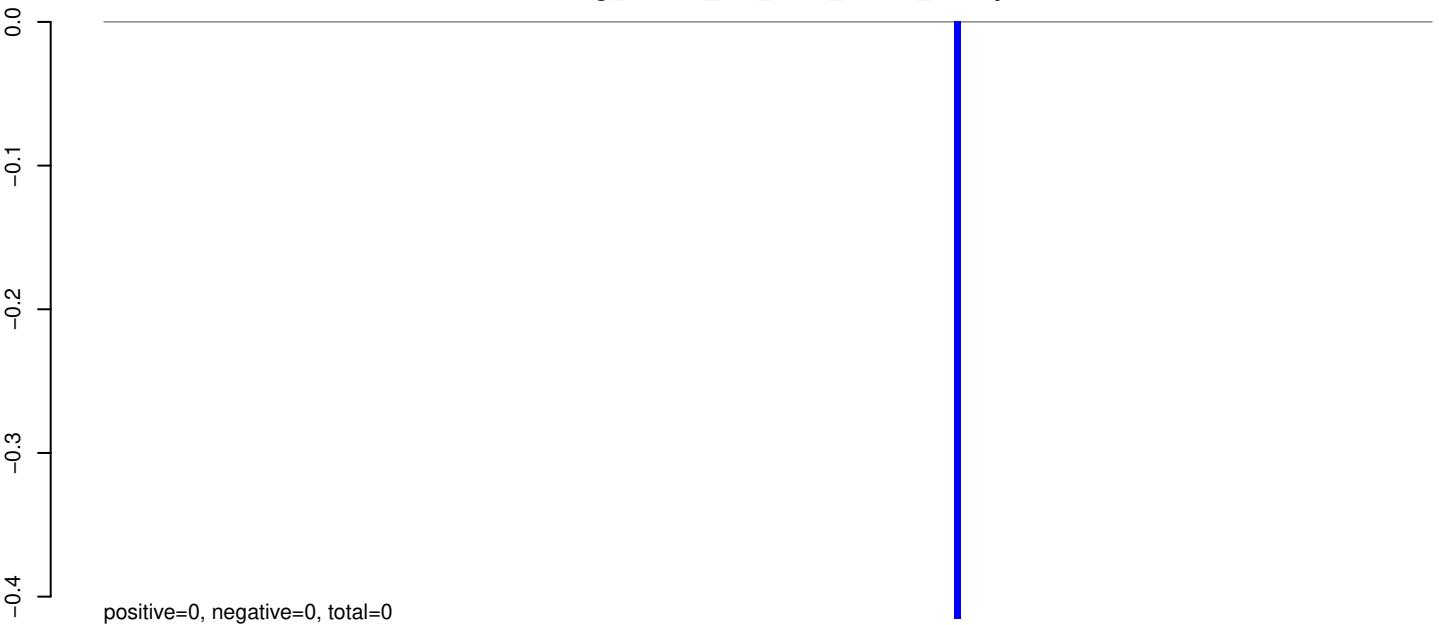
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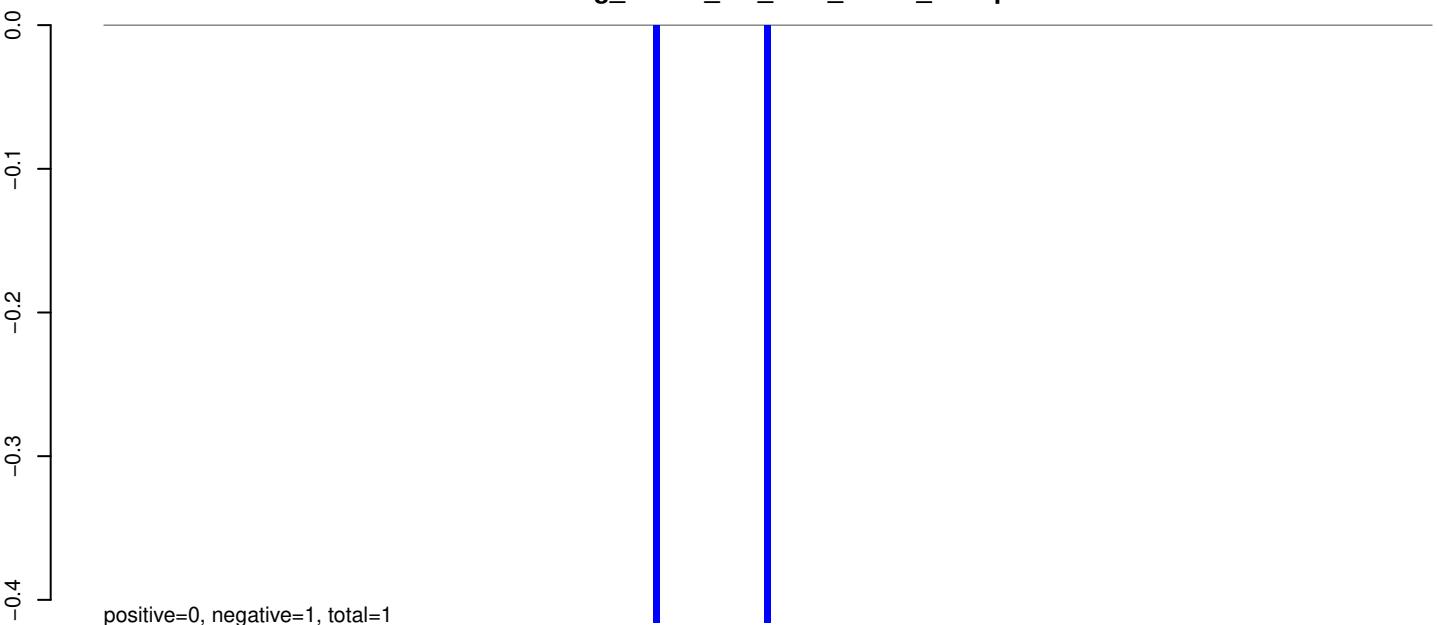
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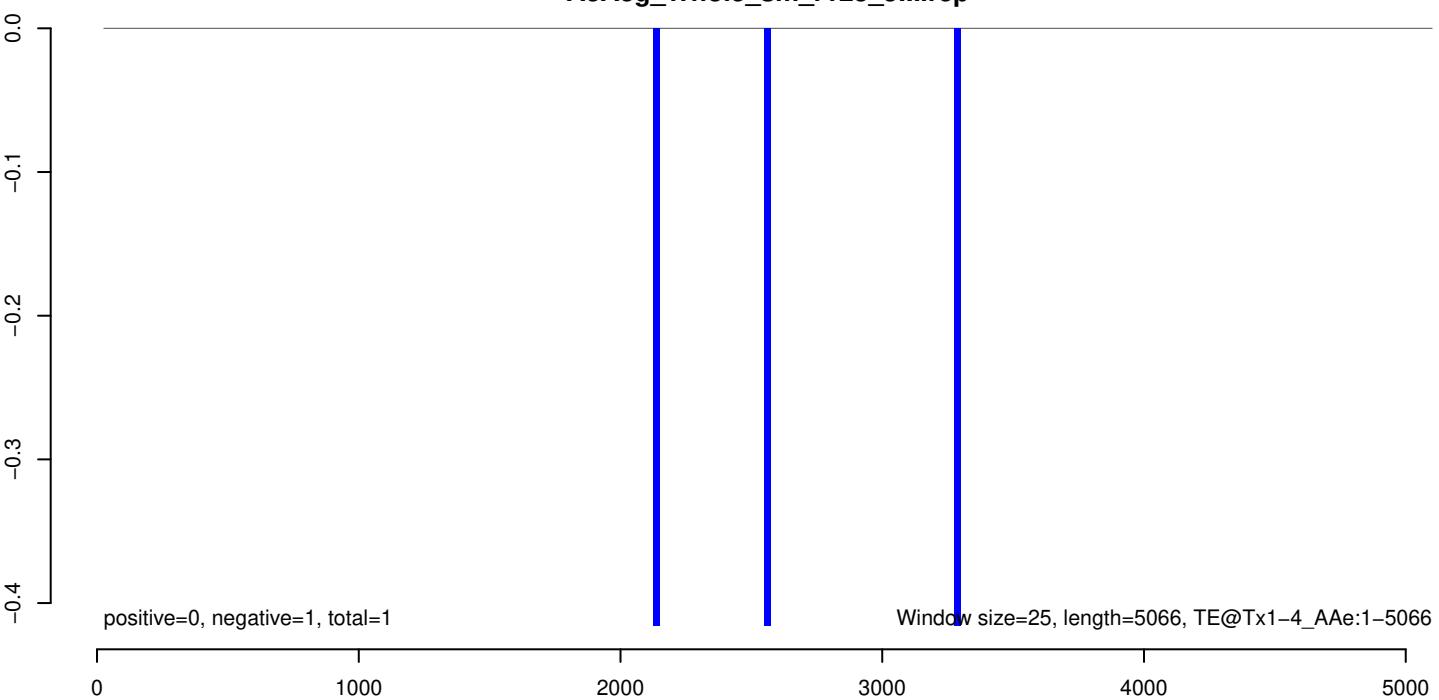
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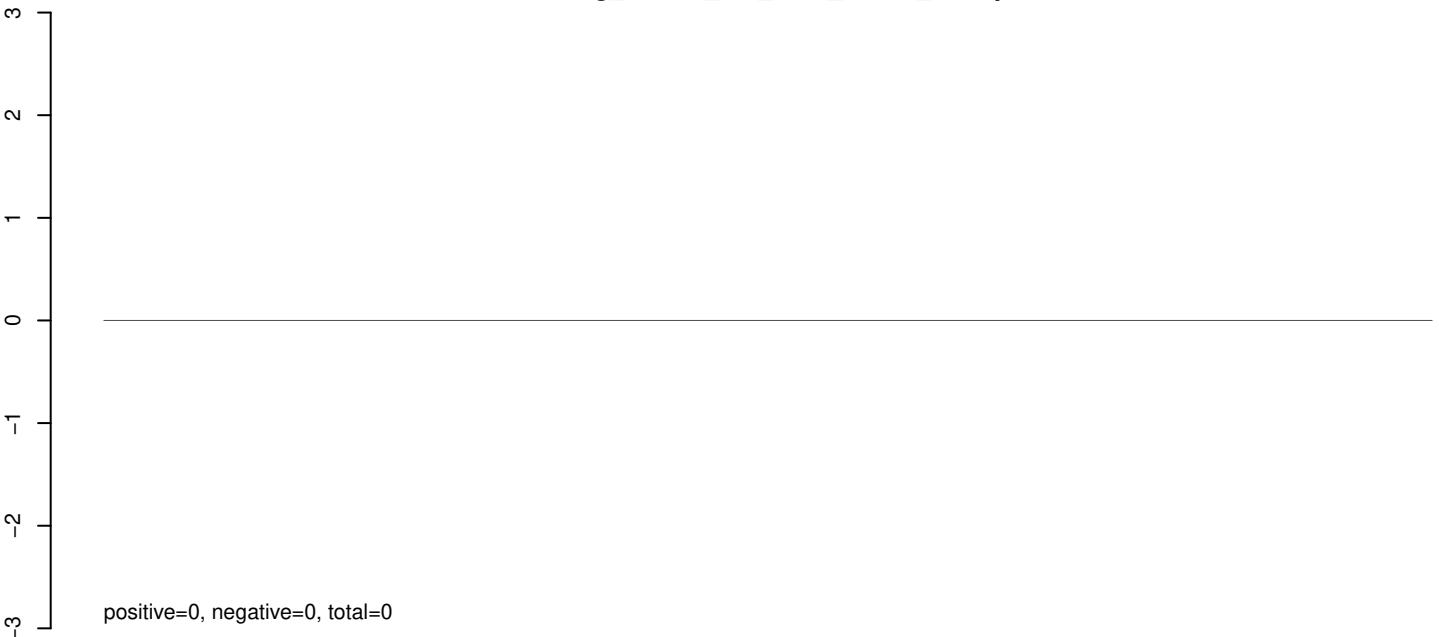
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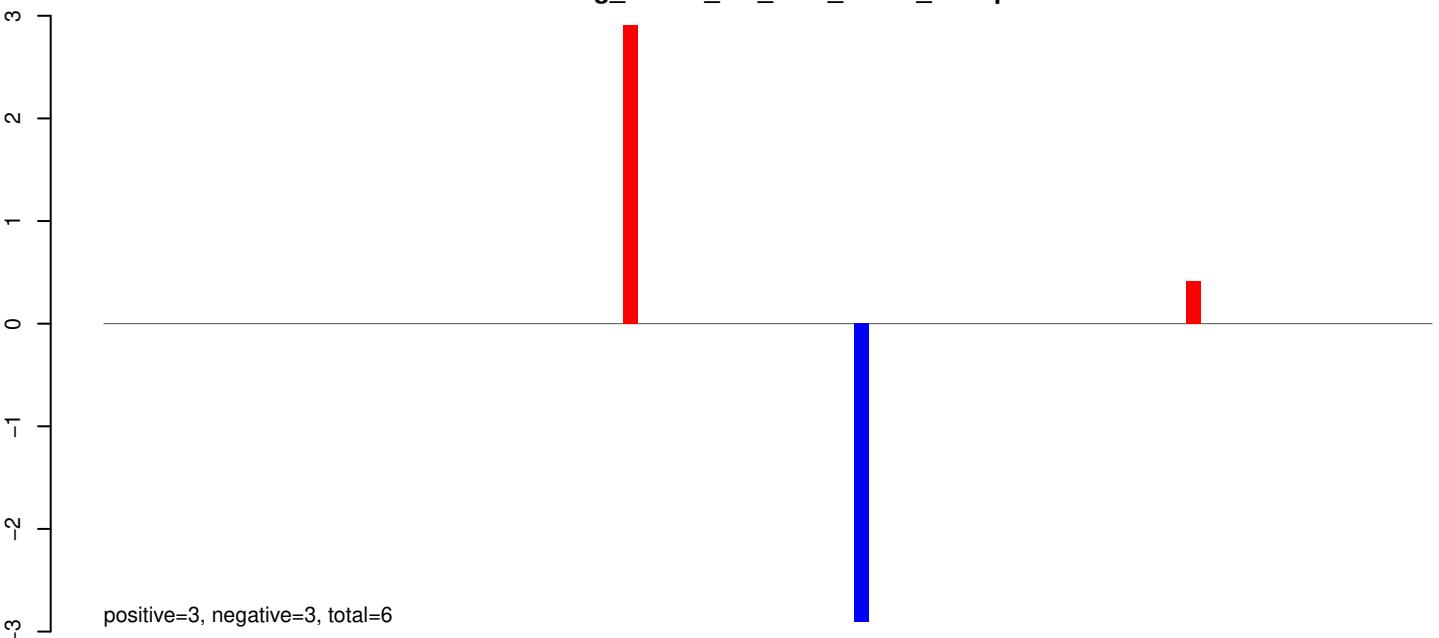
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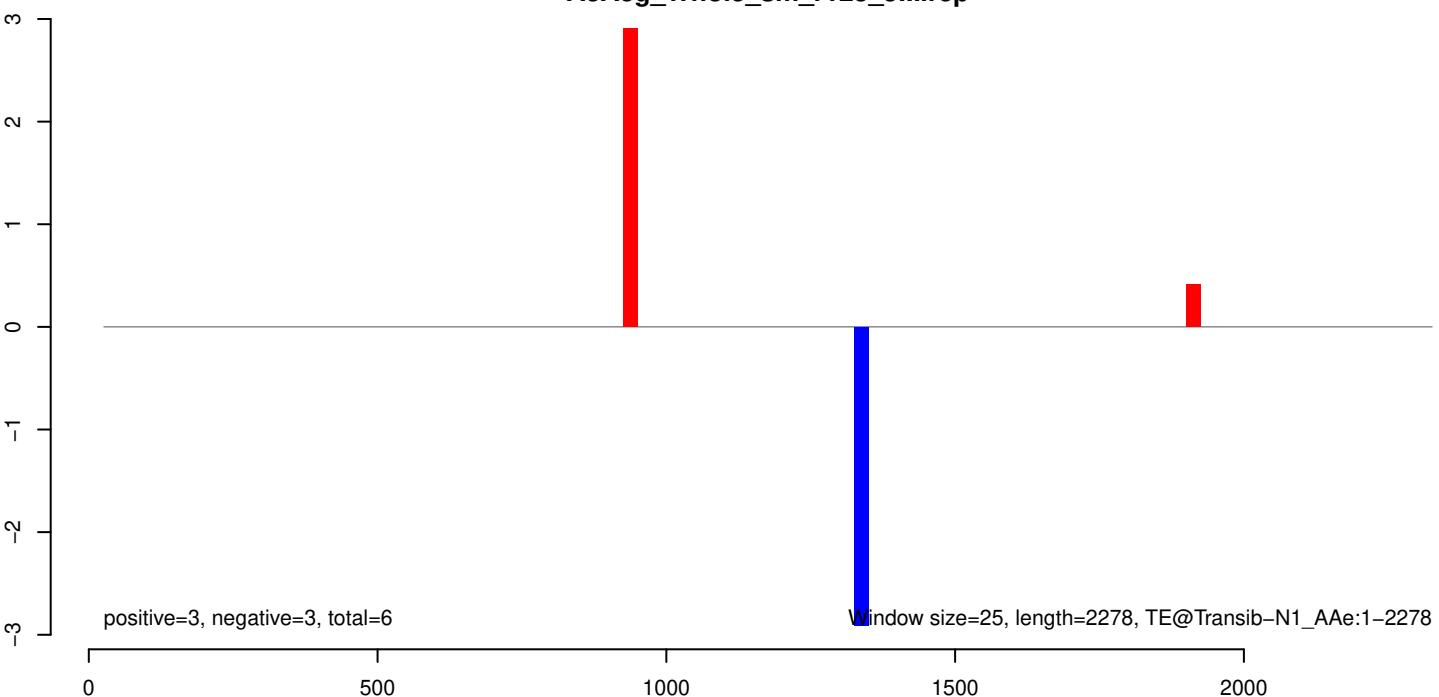
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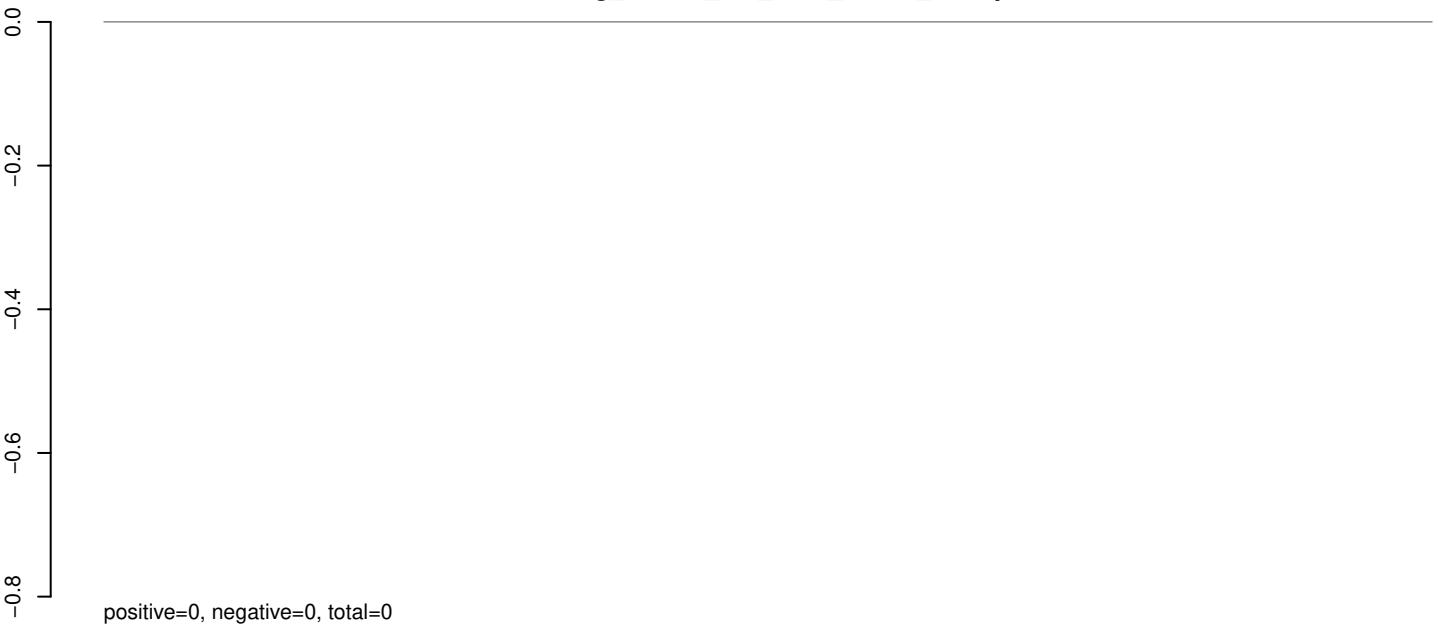
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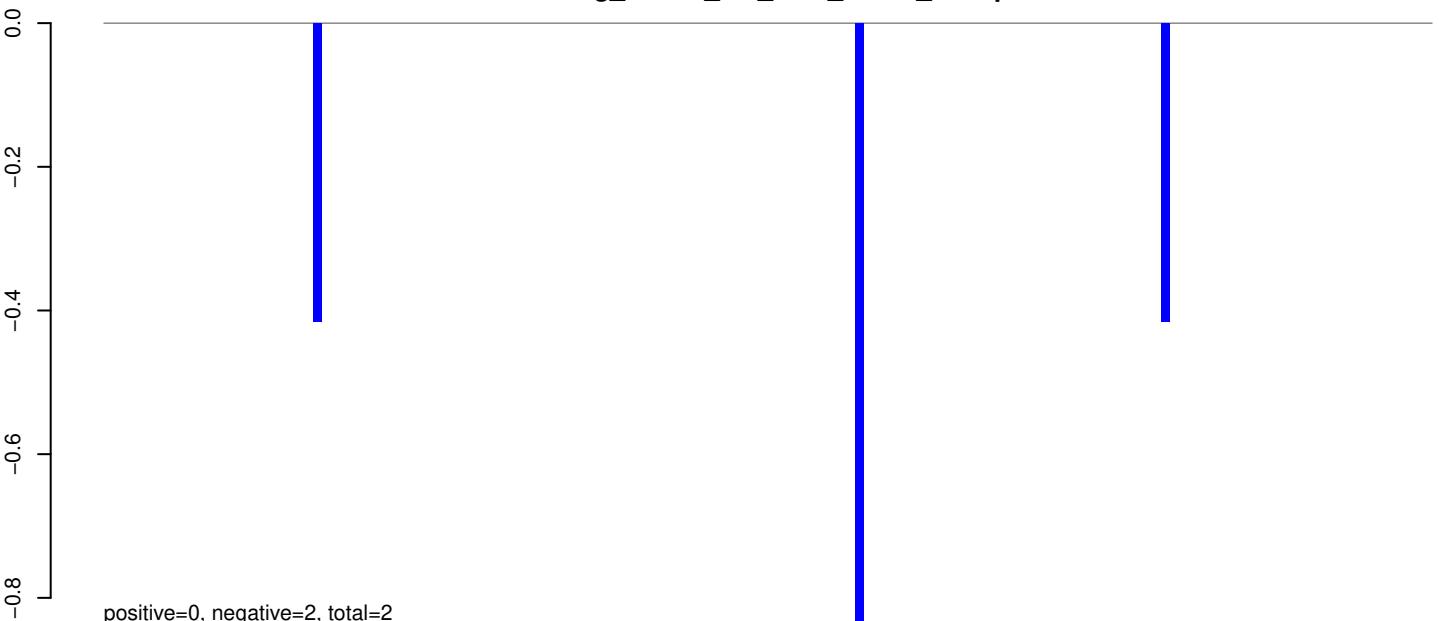
### AeAeg\_Whole\_sm\_r123\_JM.rep



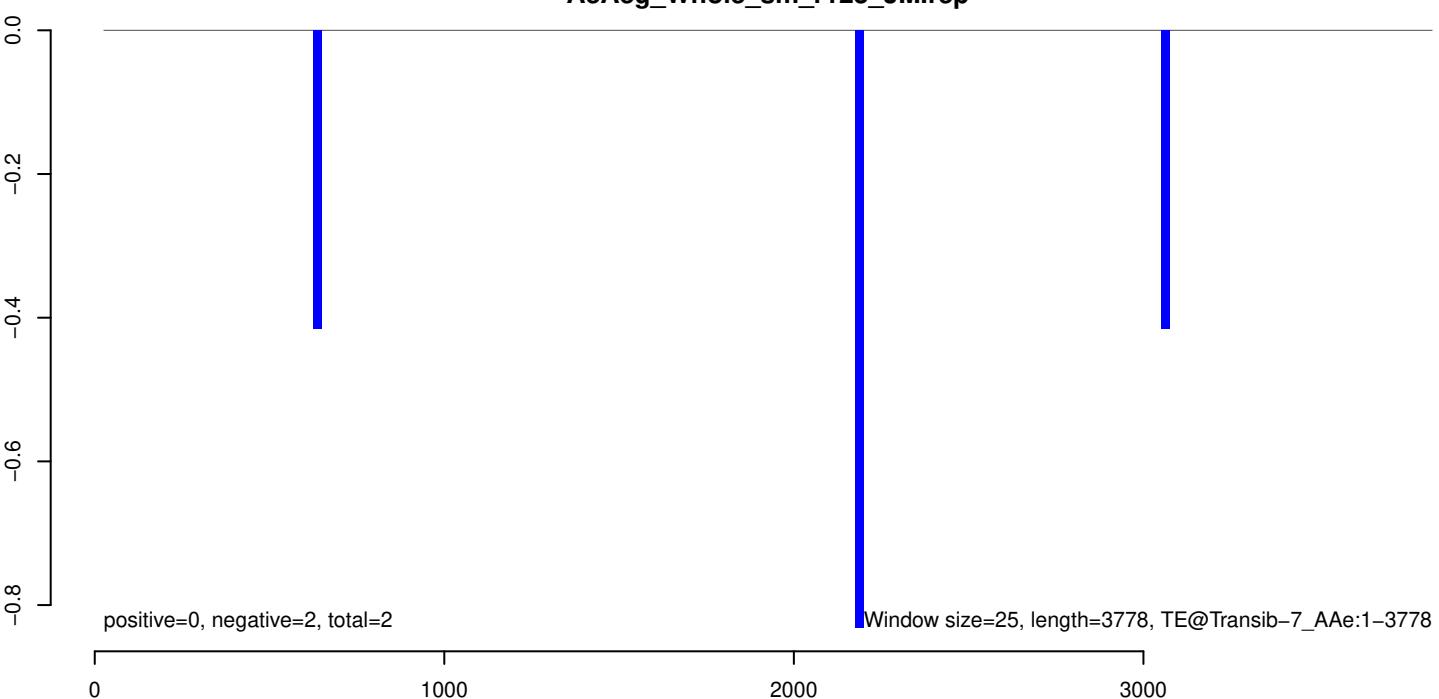
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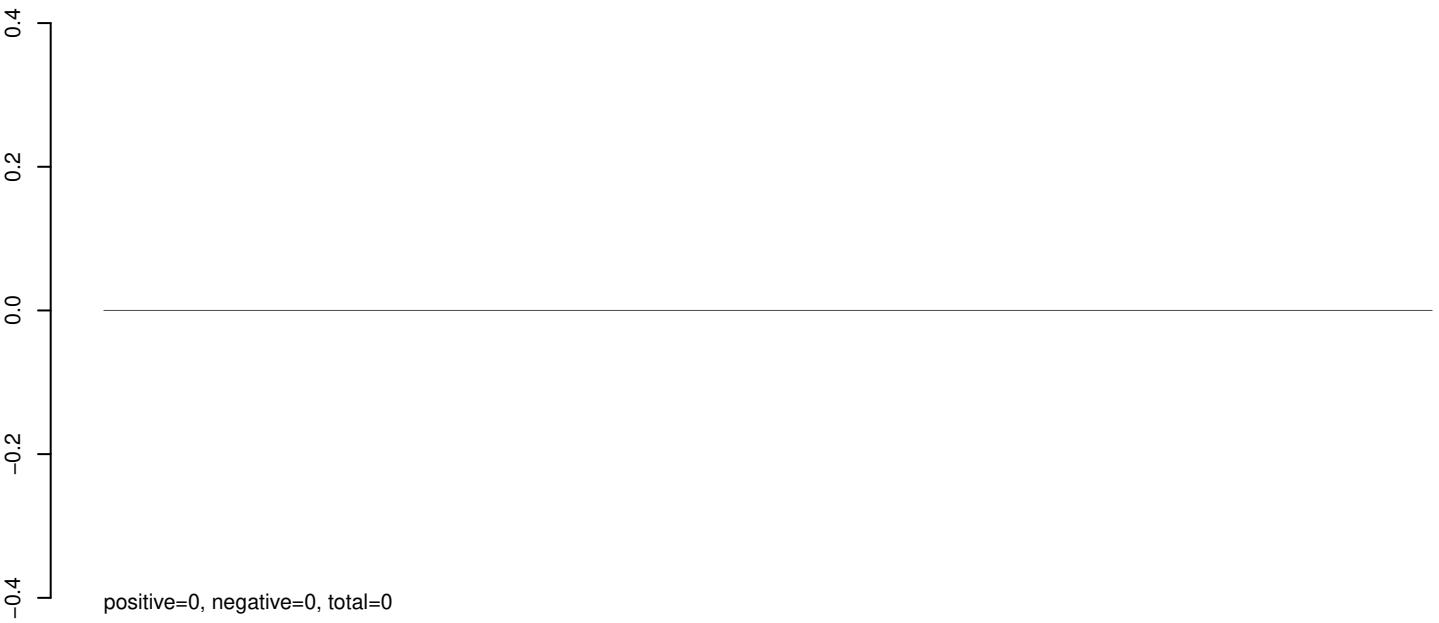
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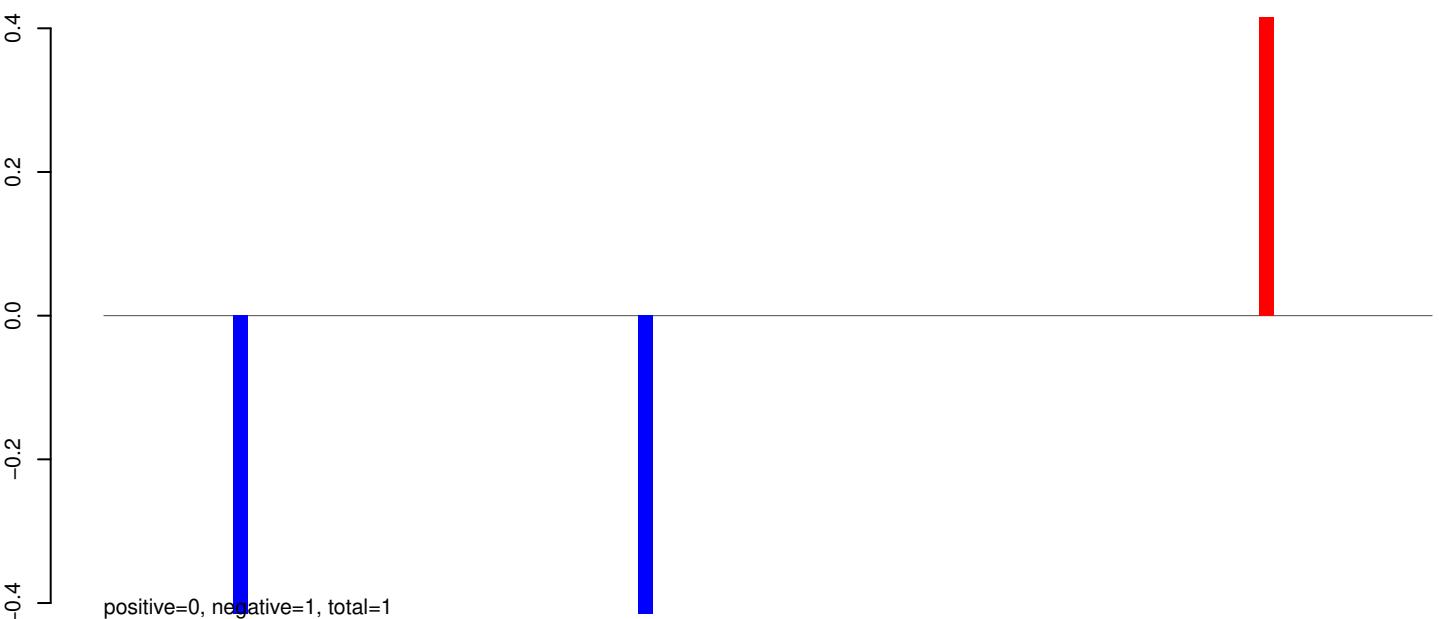
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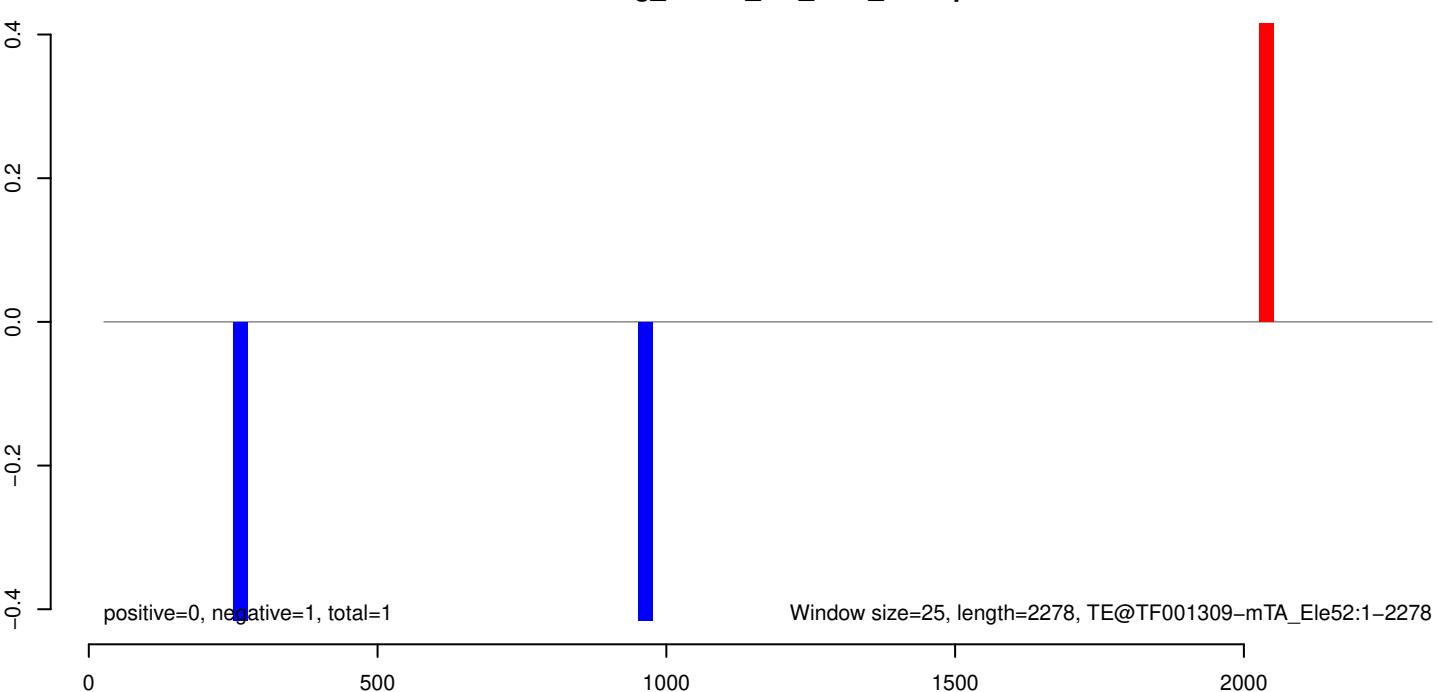
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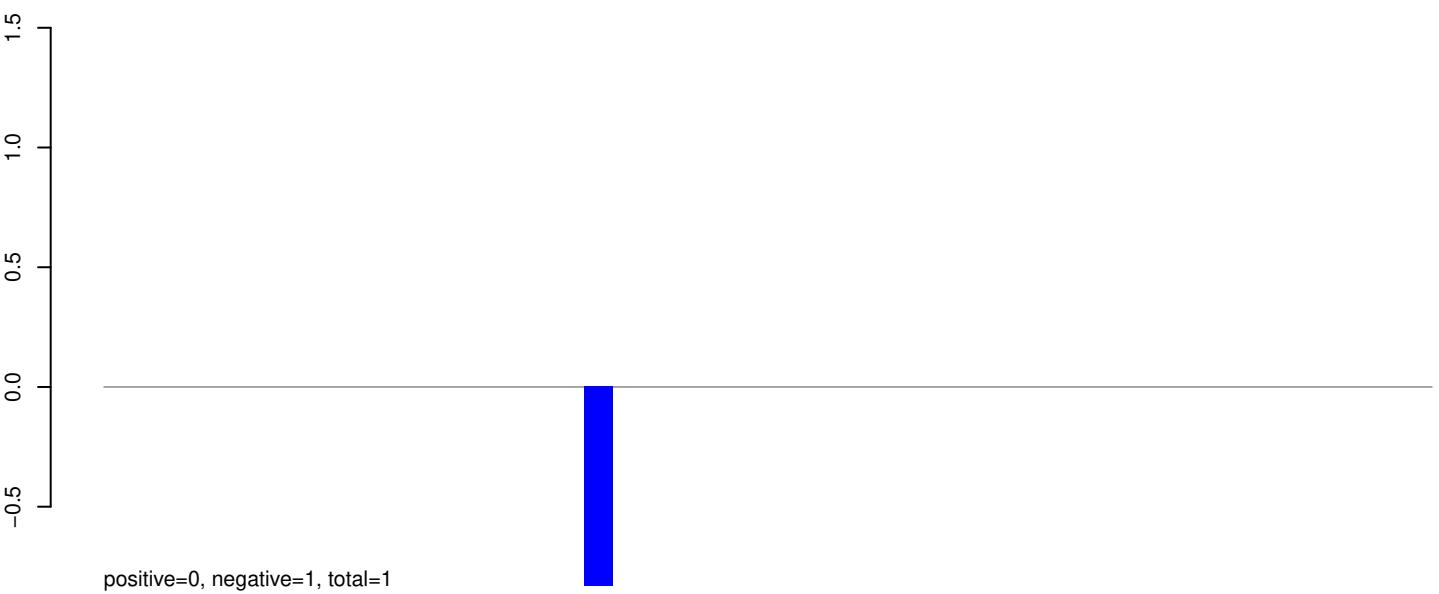
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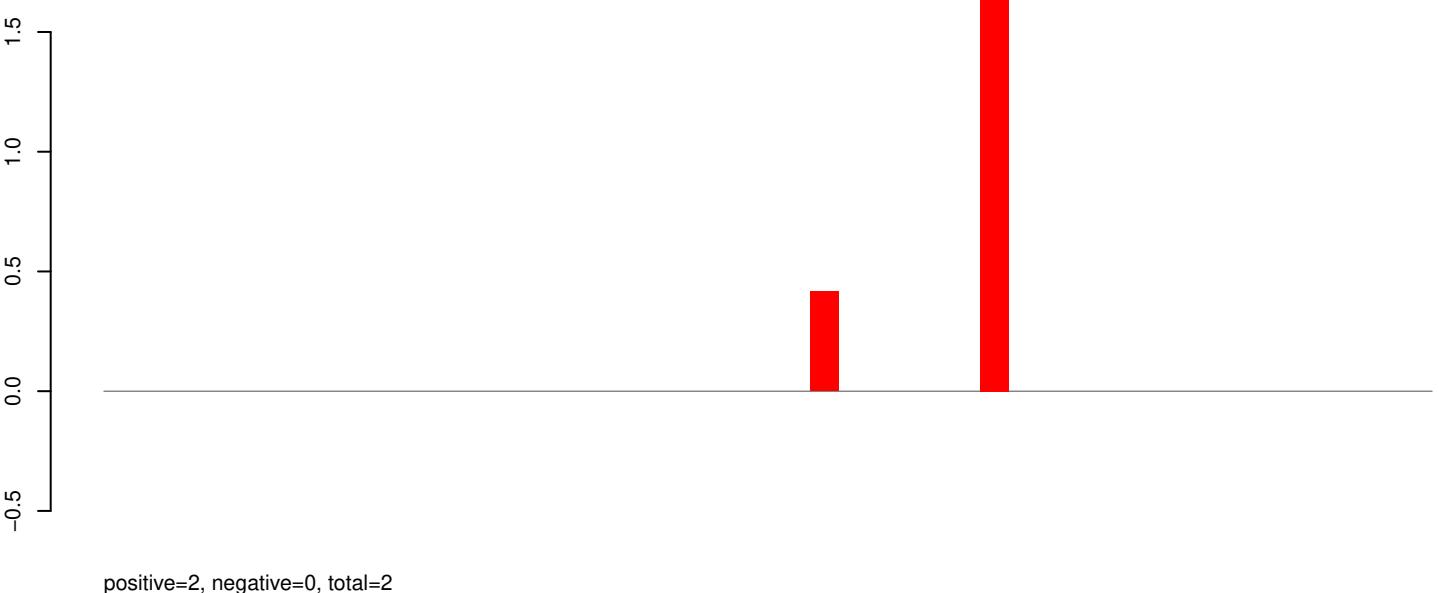
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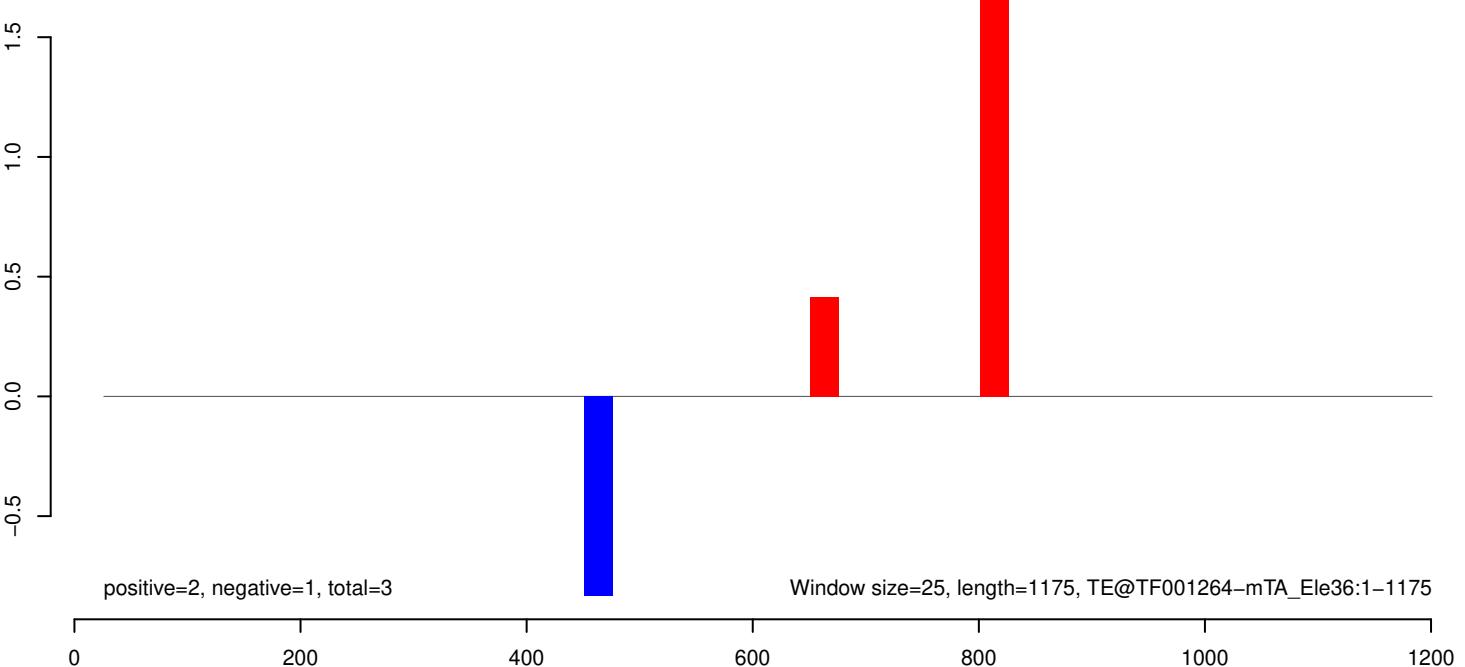
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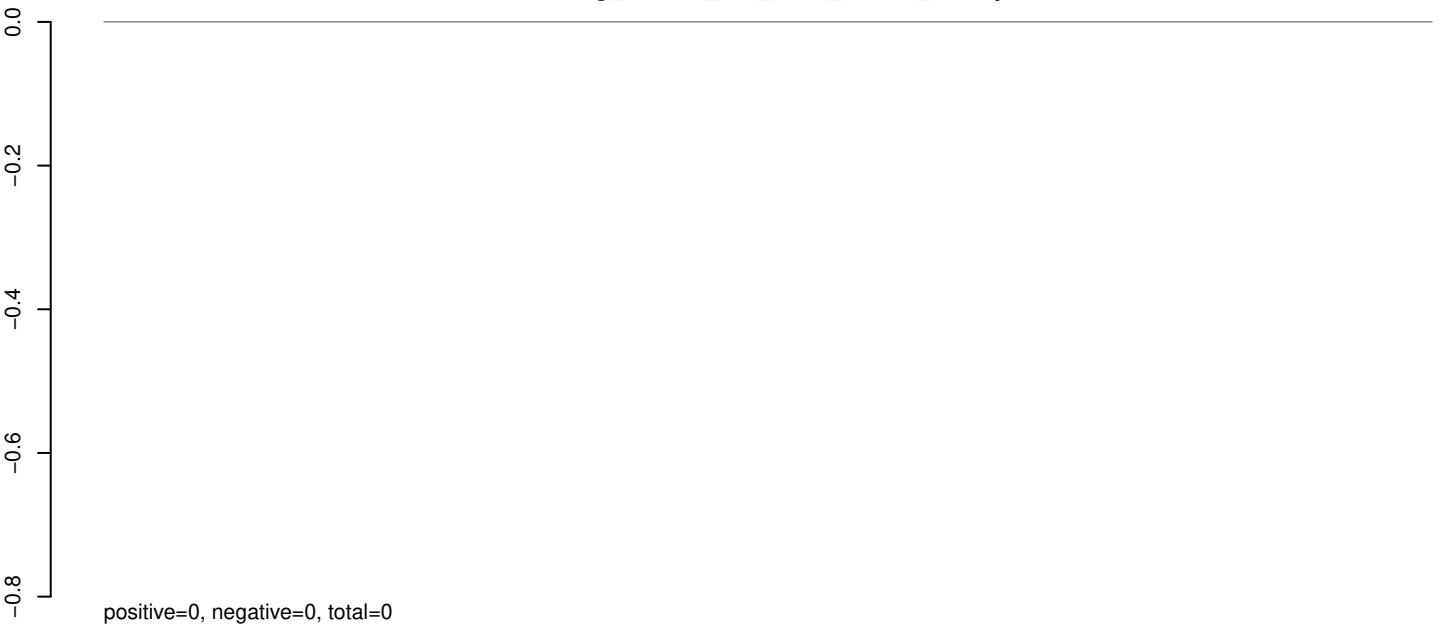
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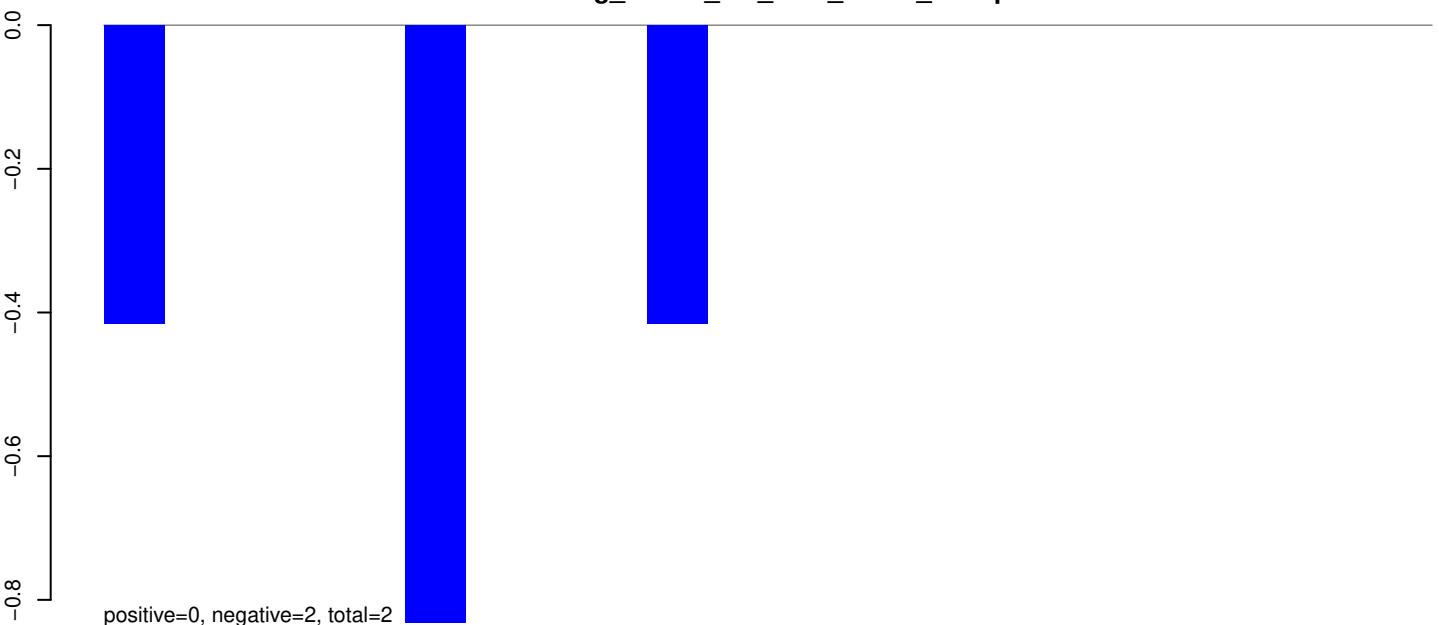
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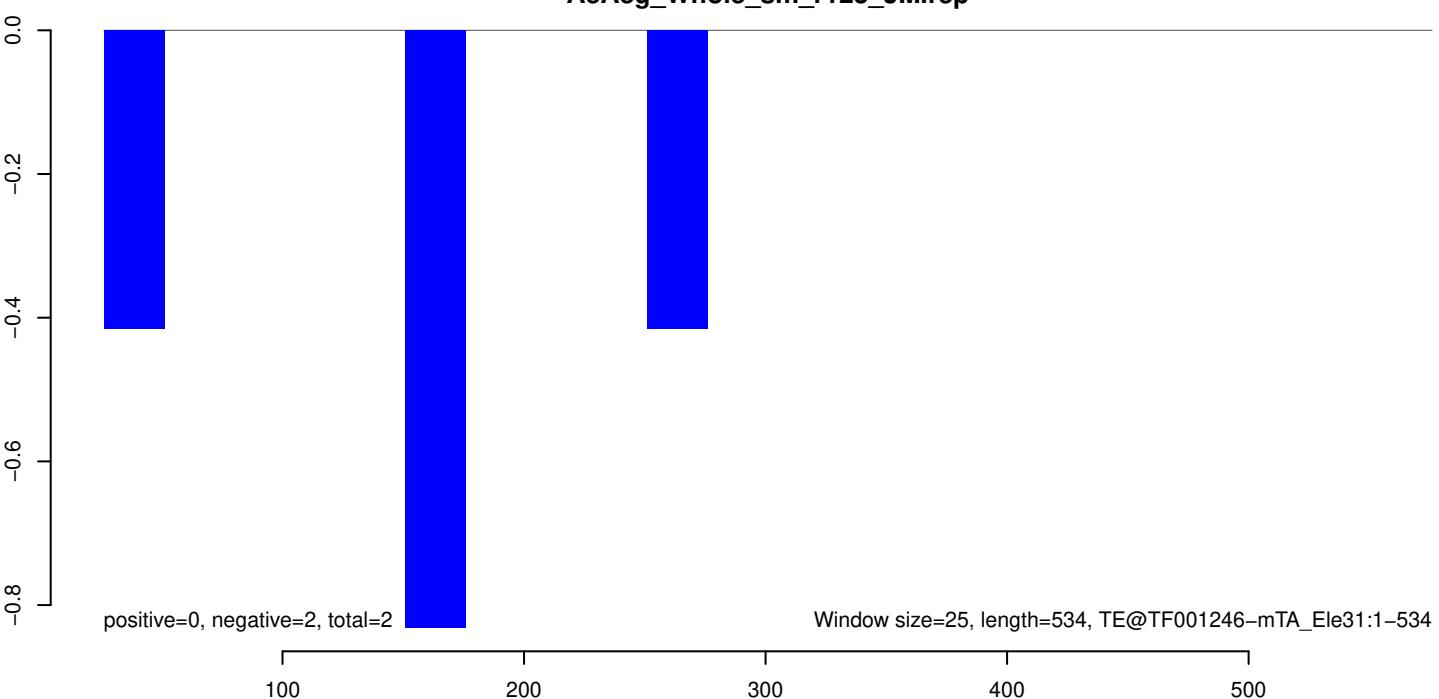
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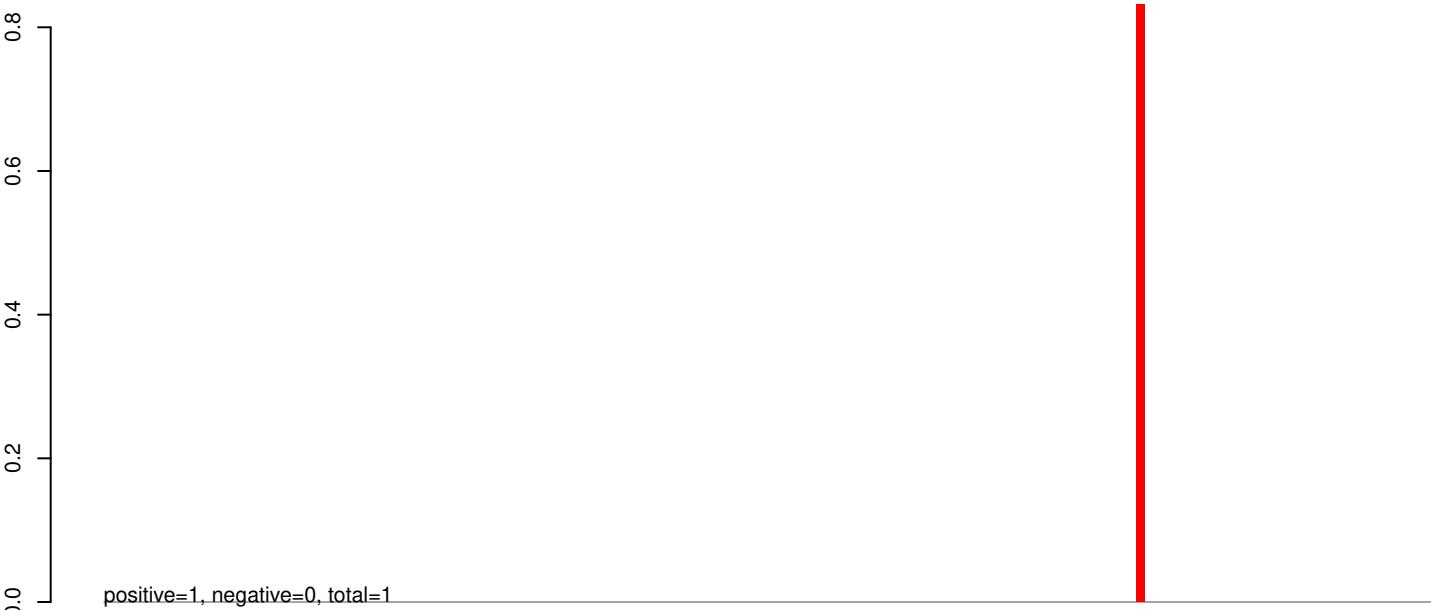
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



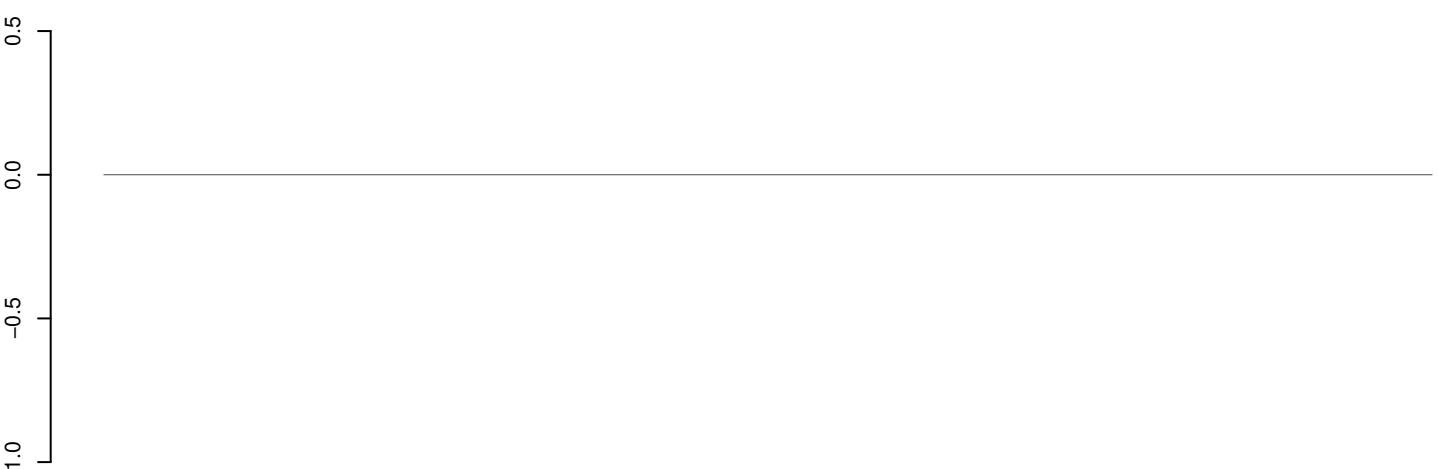
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### AeAeg\_Whole\_sm\_r123\_JM.rep

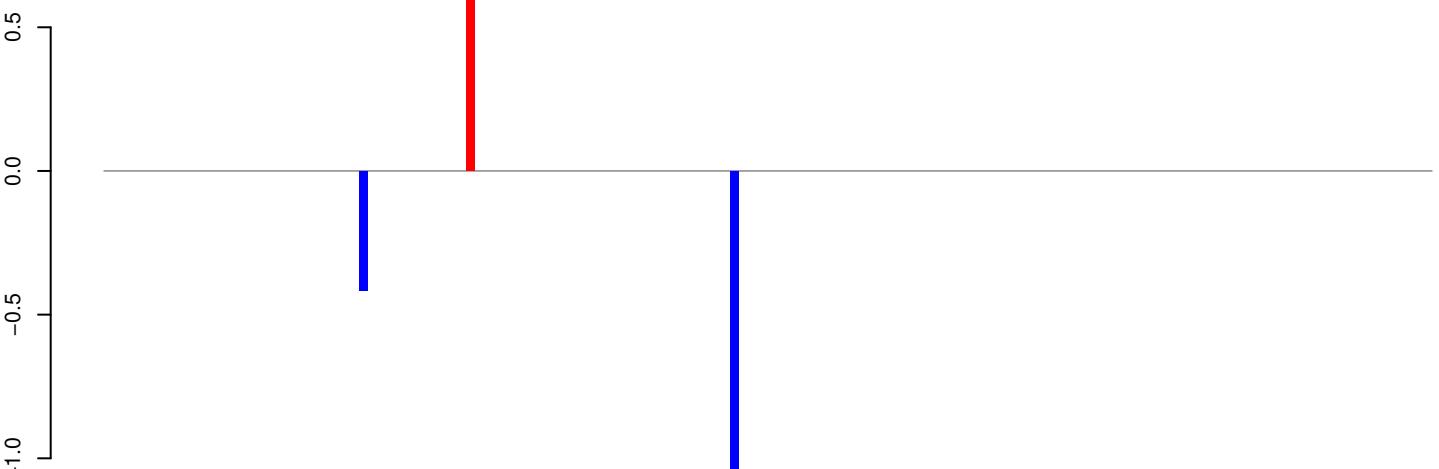


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



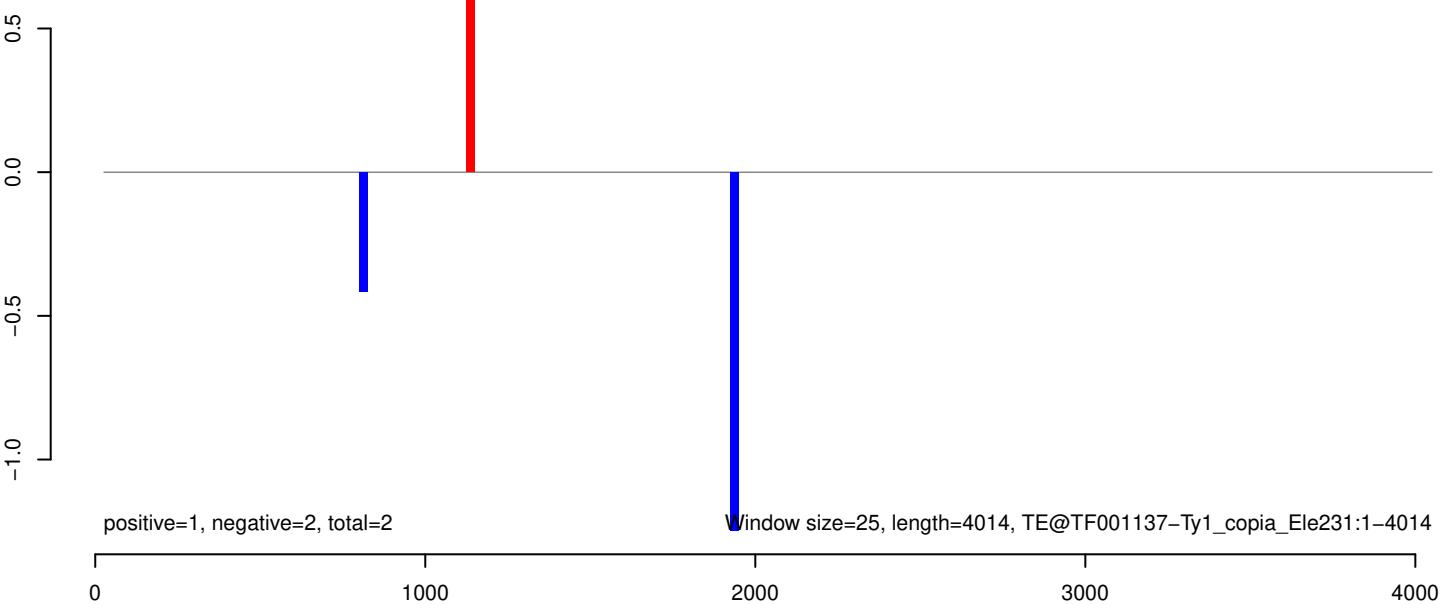
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**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=2, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

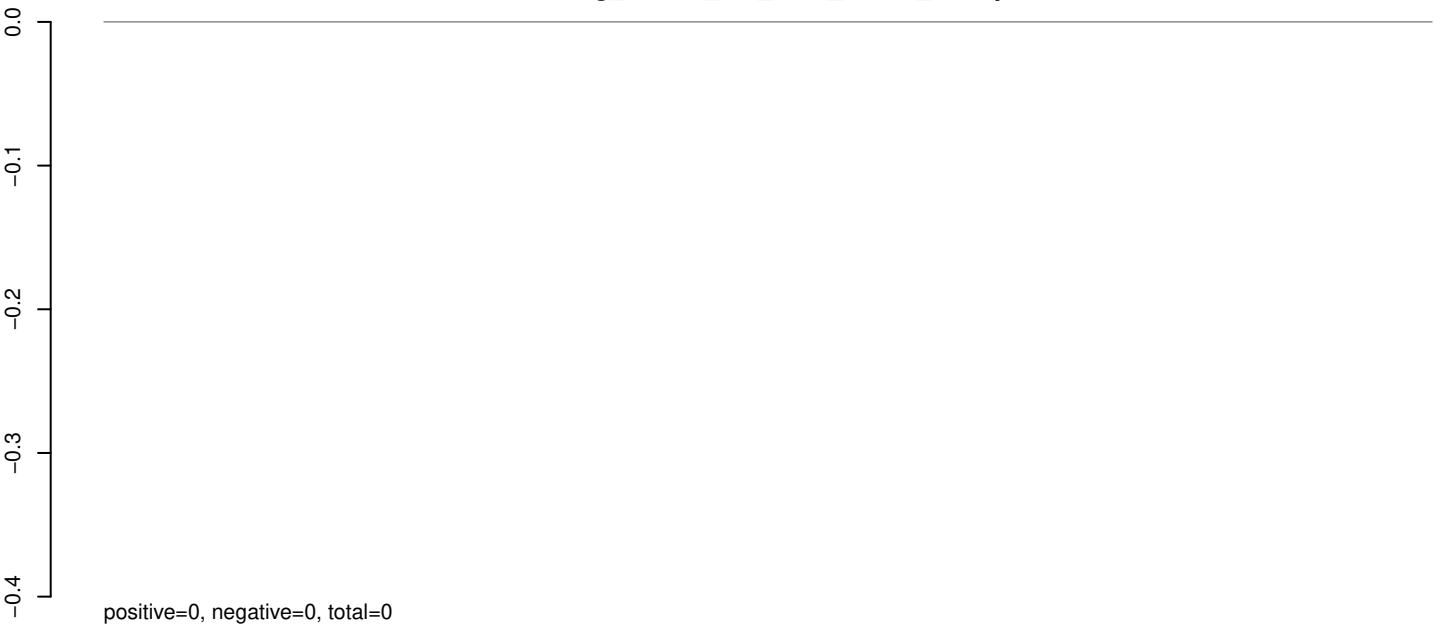


positive=1, negative=2, total=2

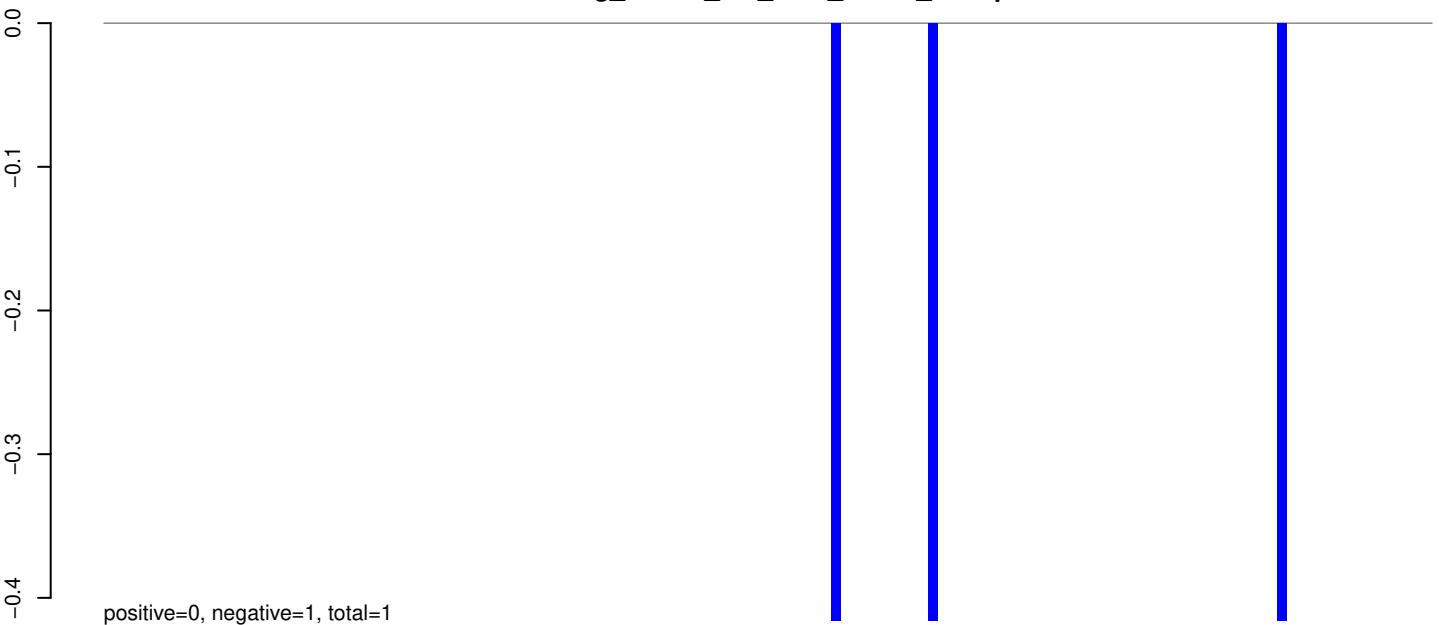
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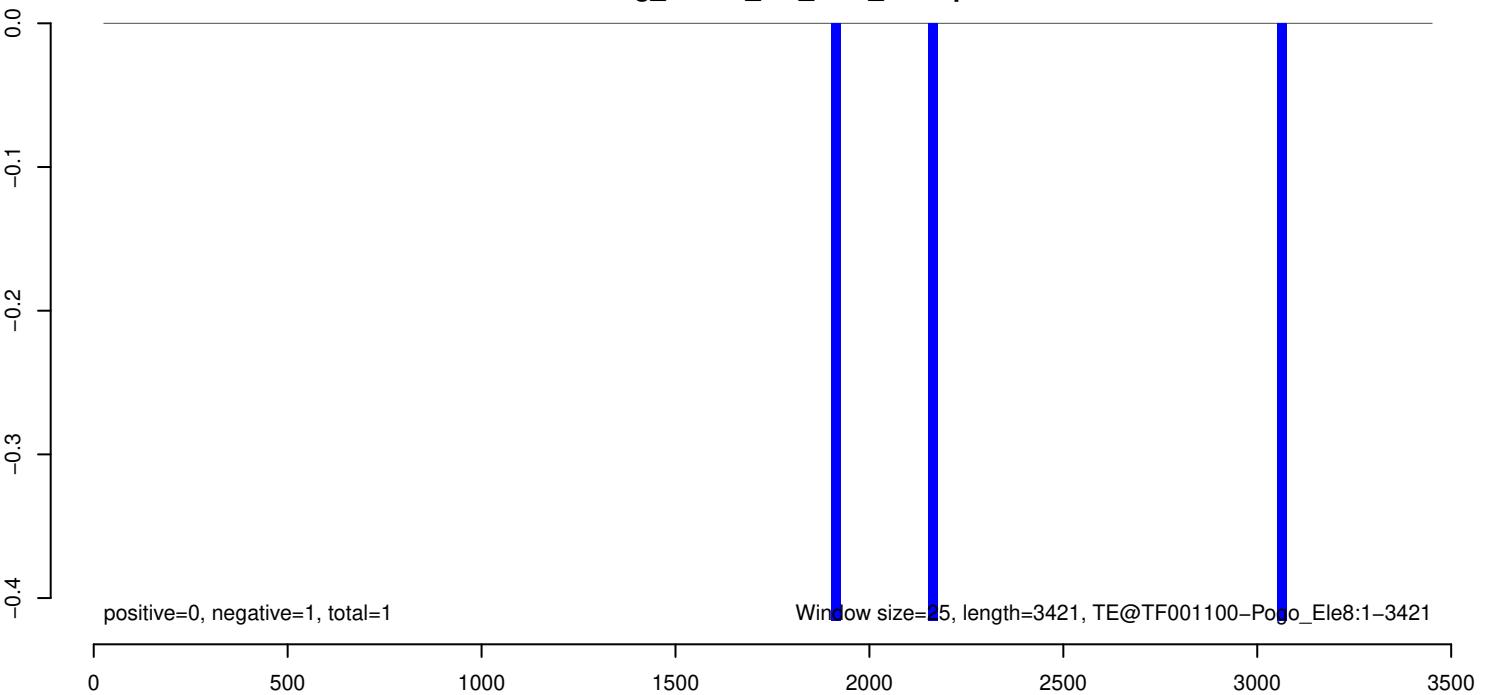
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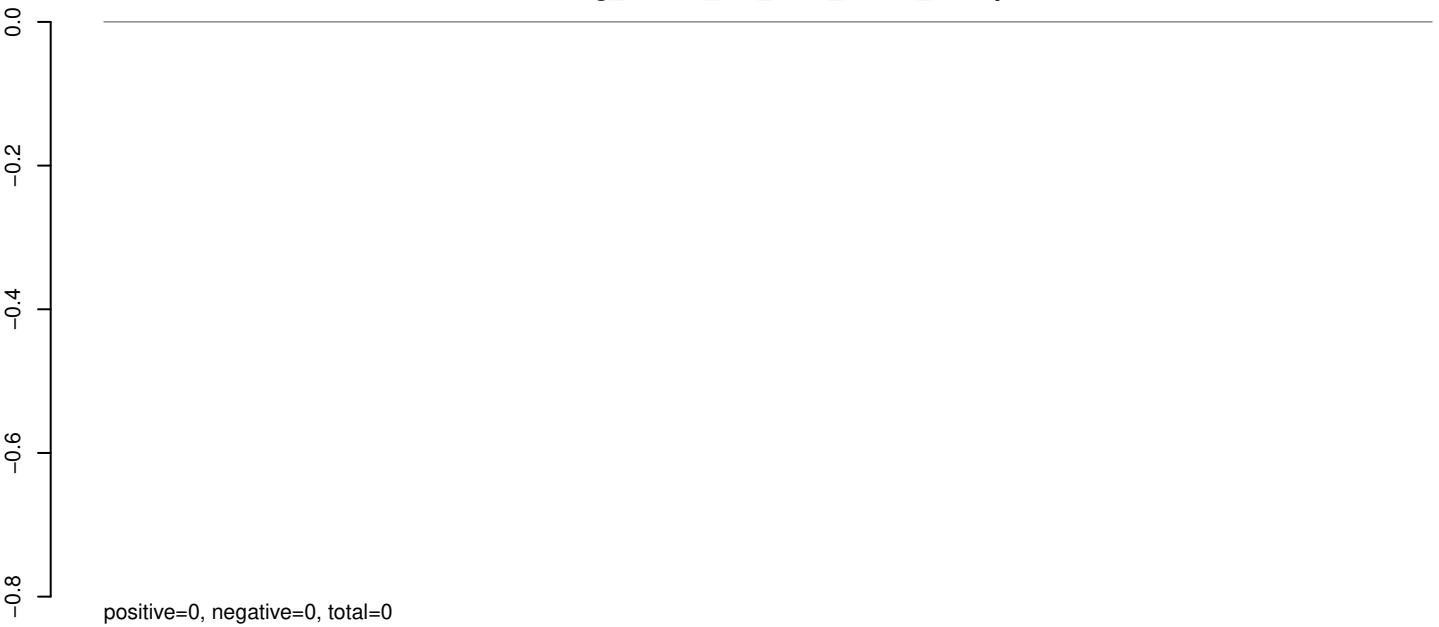
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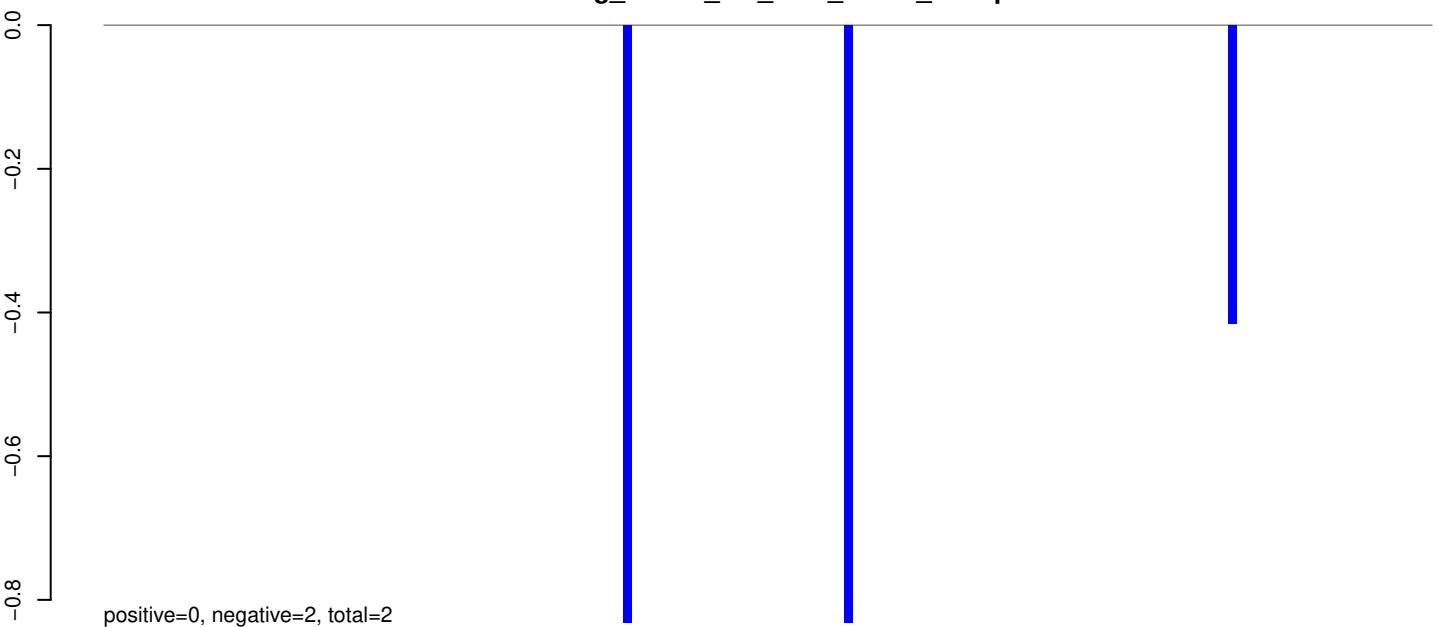
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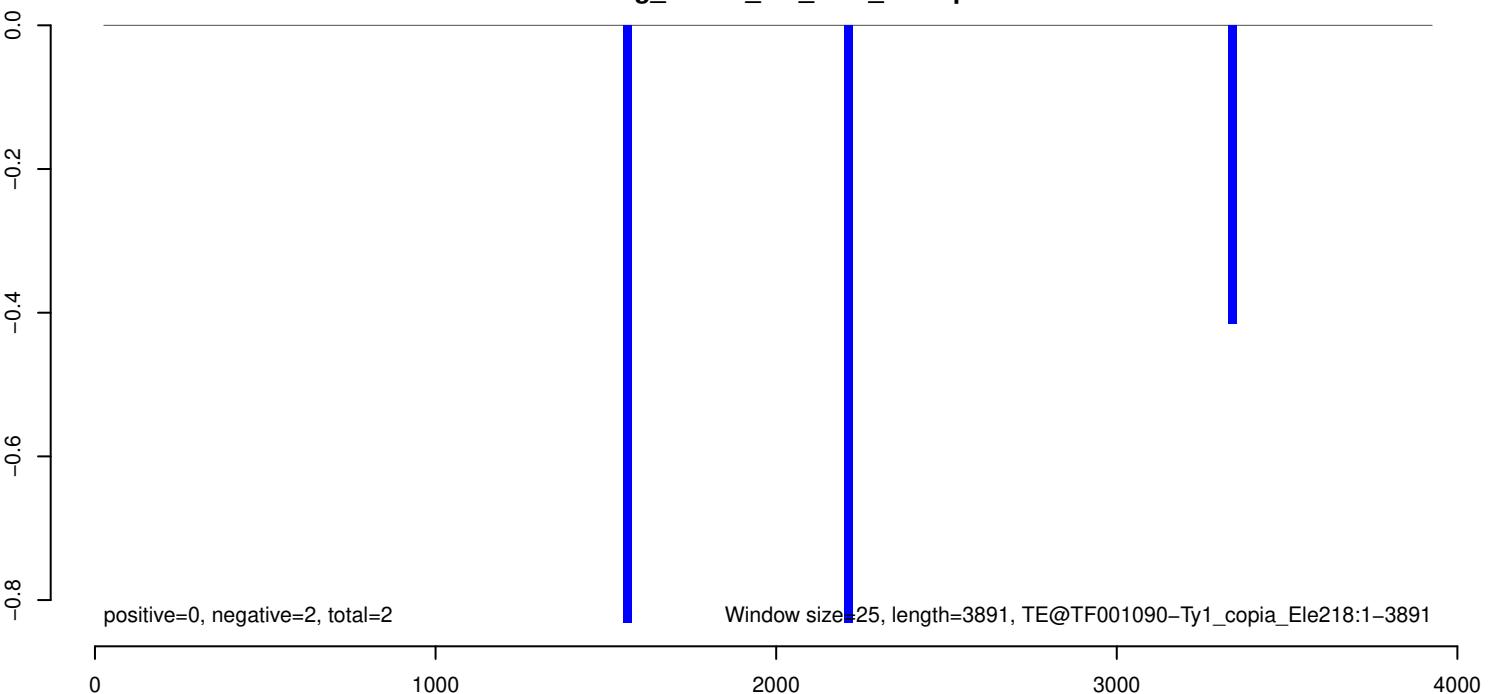
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



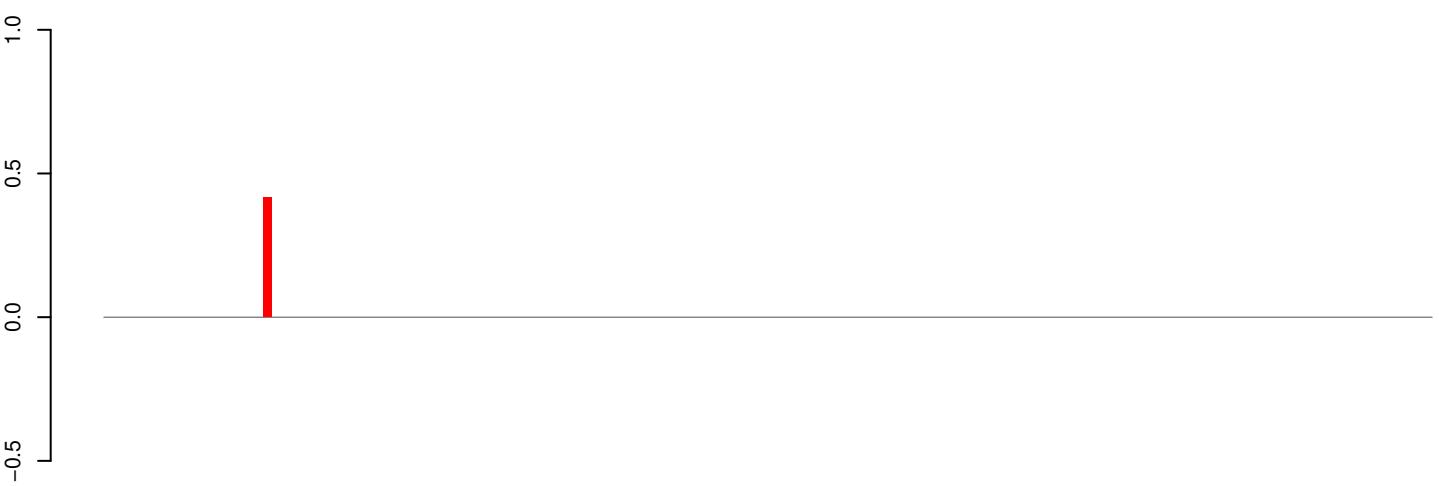
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



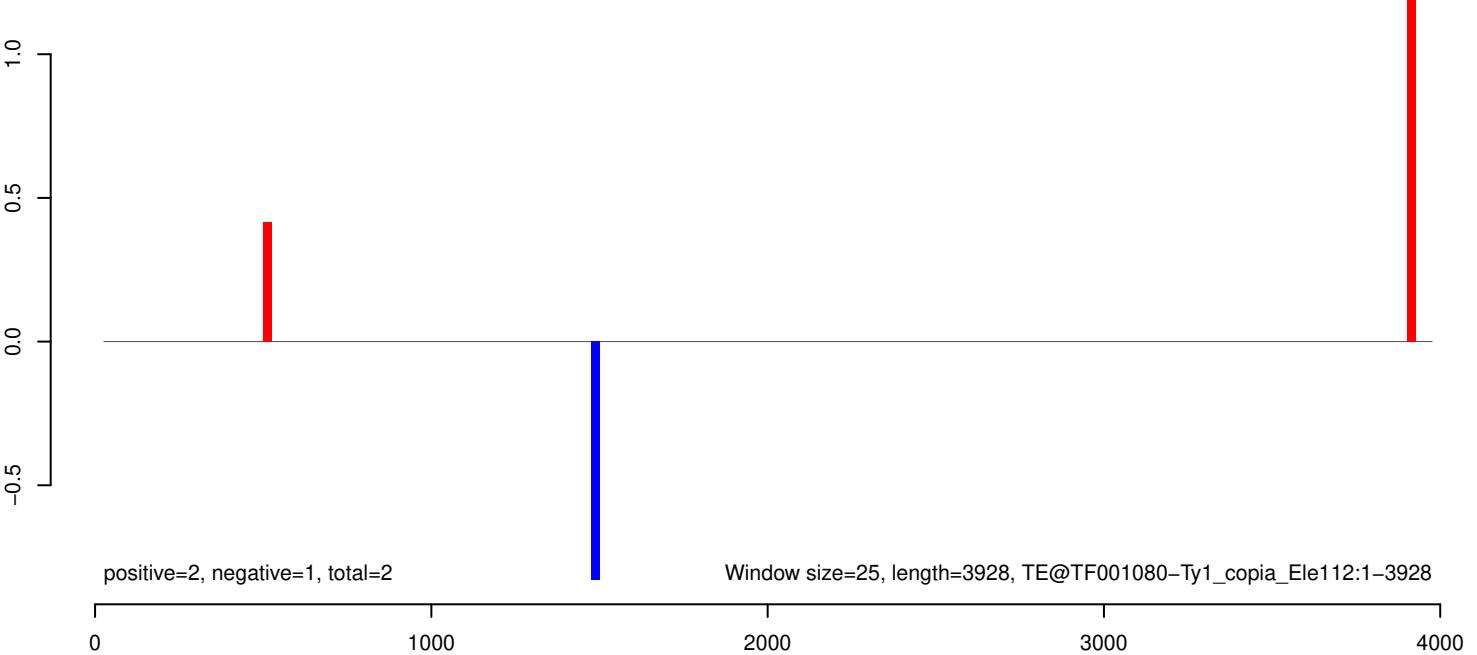
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

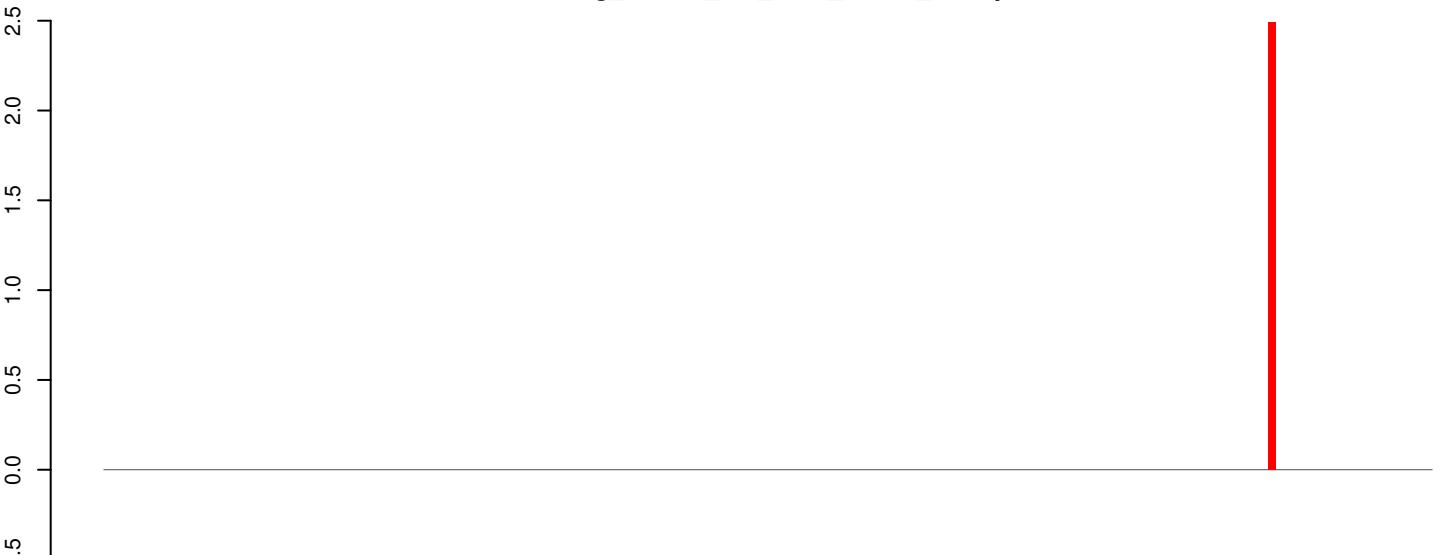


positive=2, negative=1, total=2

Window size=25, length=3928, TE@TF001080-Ty1\_copia\_Ele112:1-3928

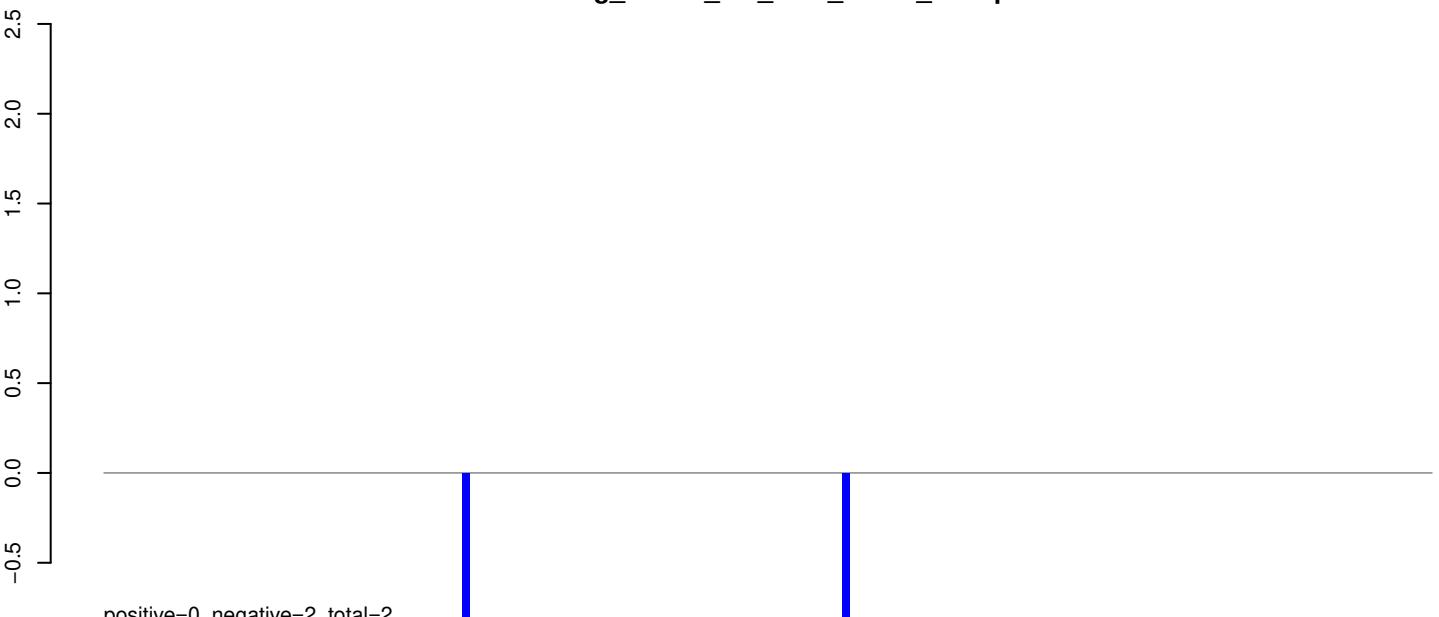
0 1000 2000 3000 4000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



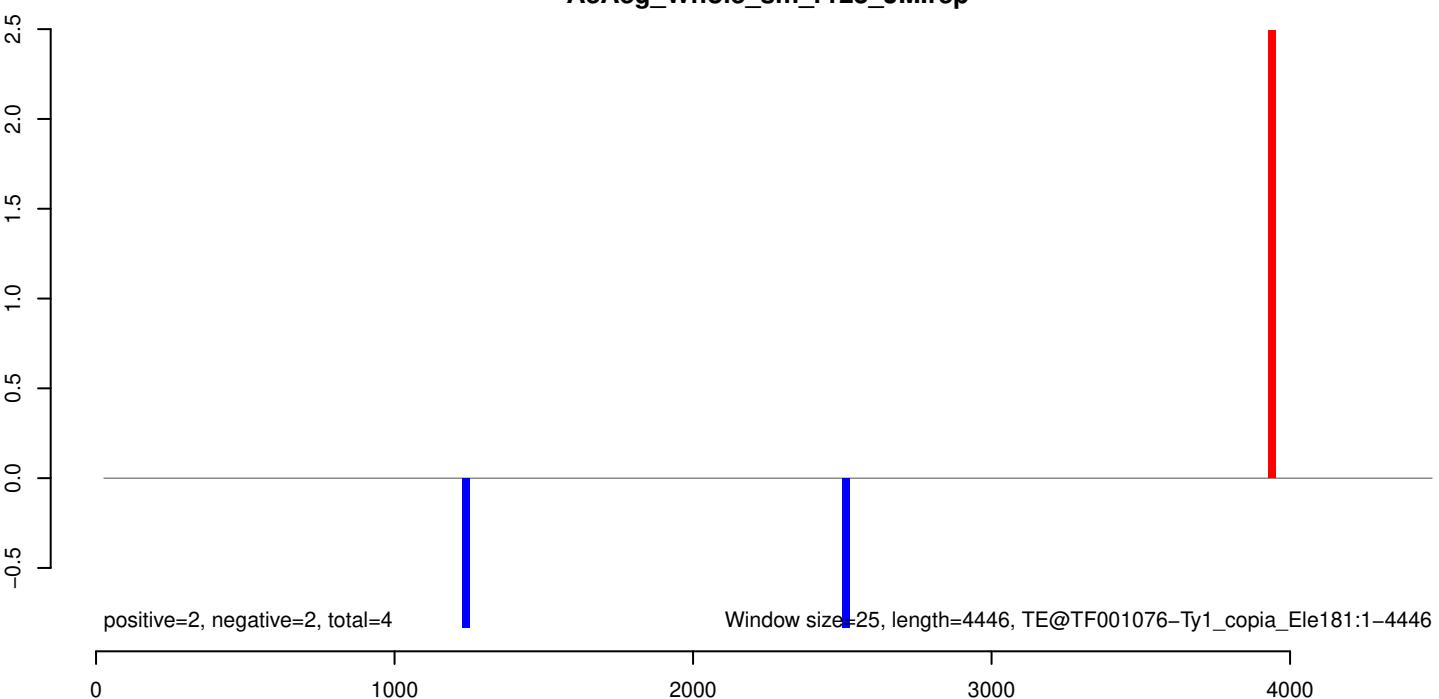
positive=2, negative=0, total=2

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=2, total=2

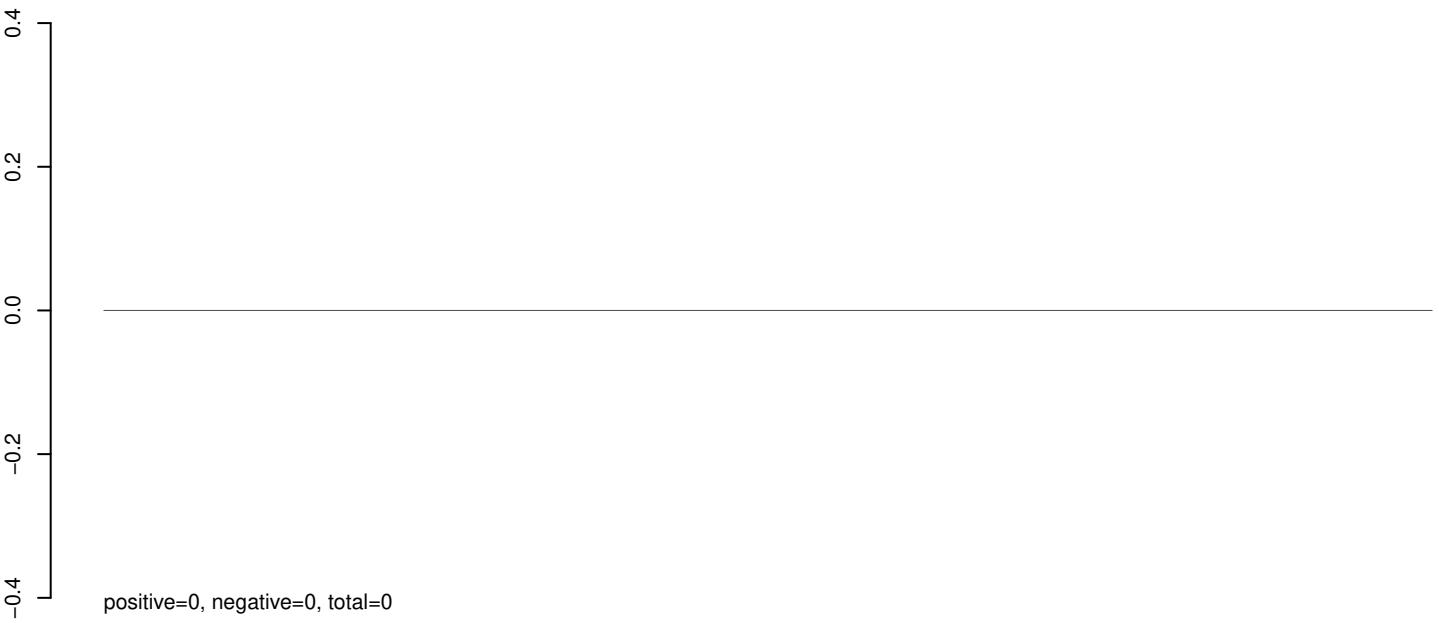
### AeAeg\_Whole\_sm\_r123\_JM.rep



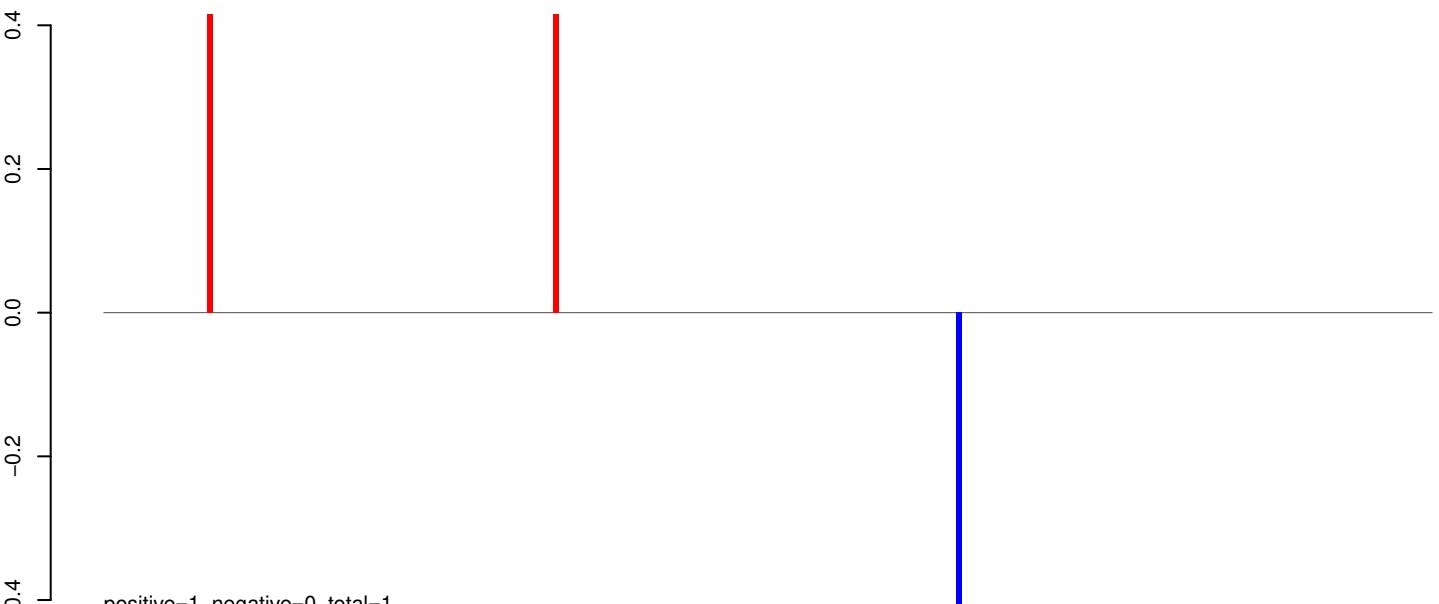
positive=2, negative=2, total=4

Window size=25, length=4446, TE@TF001076-Ty1\_copia\_Ele181:1-4446

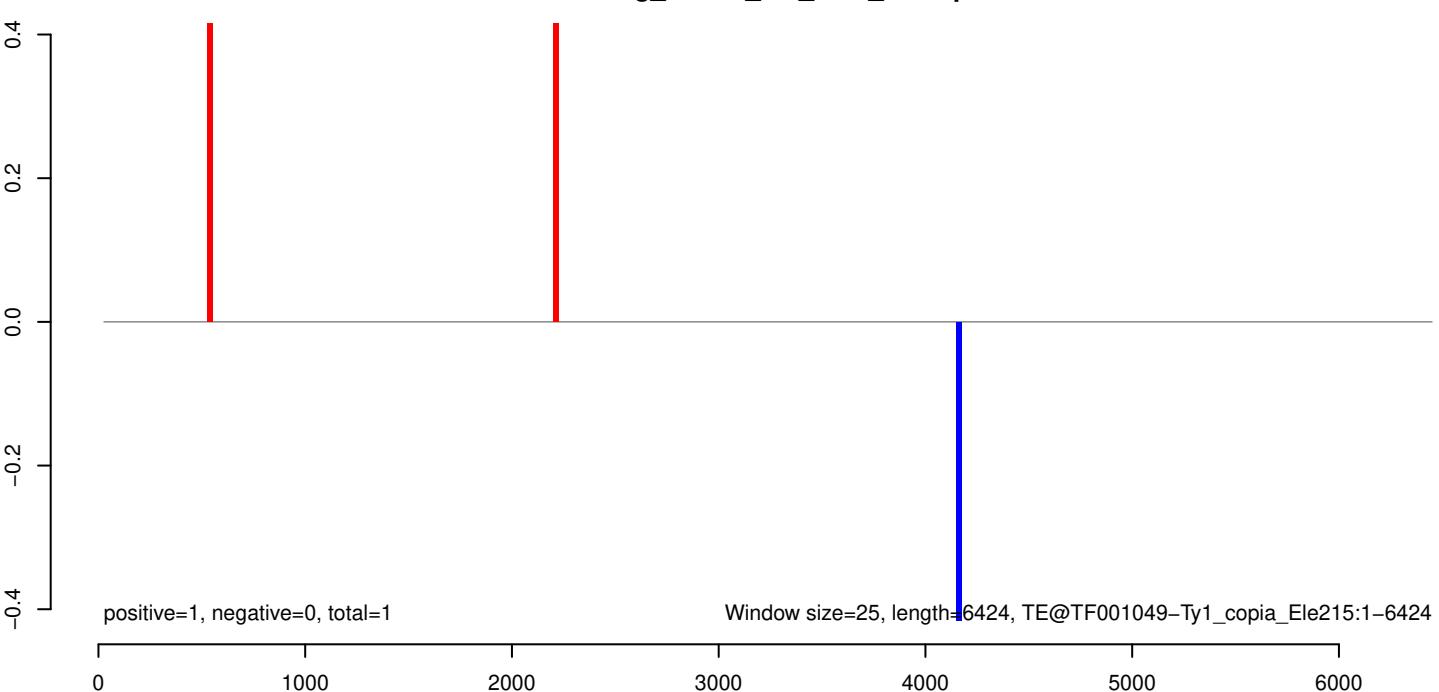
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



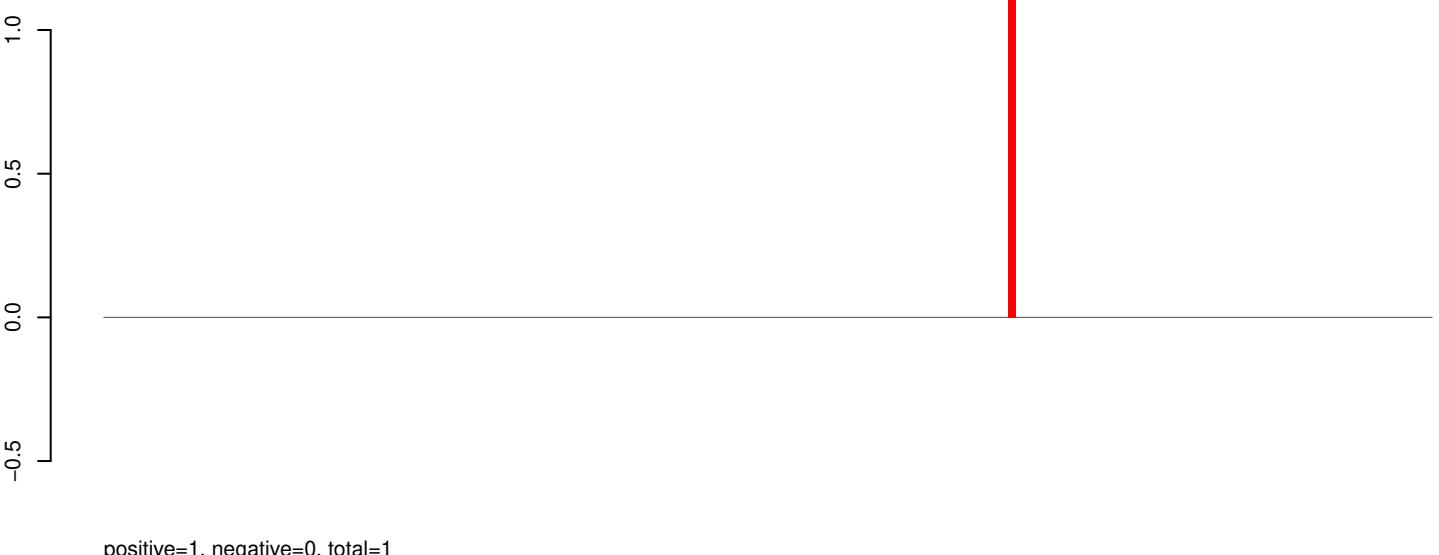
**AeAeg\_Whole\_sm\_r123\_JM.rep**



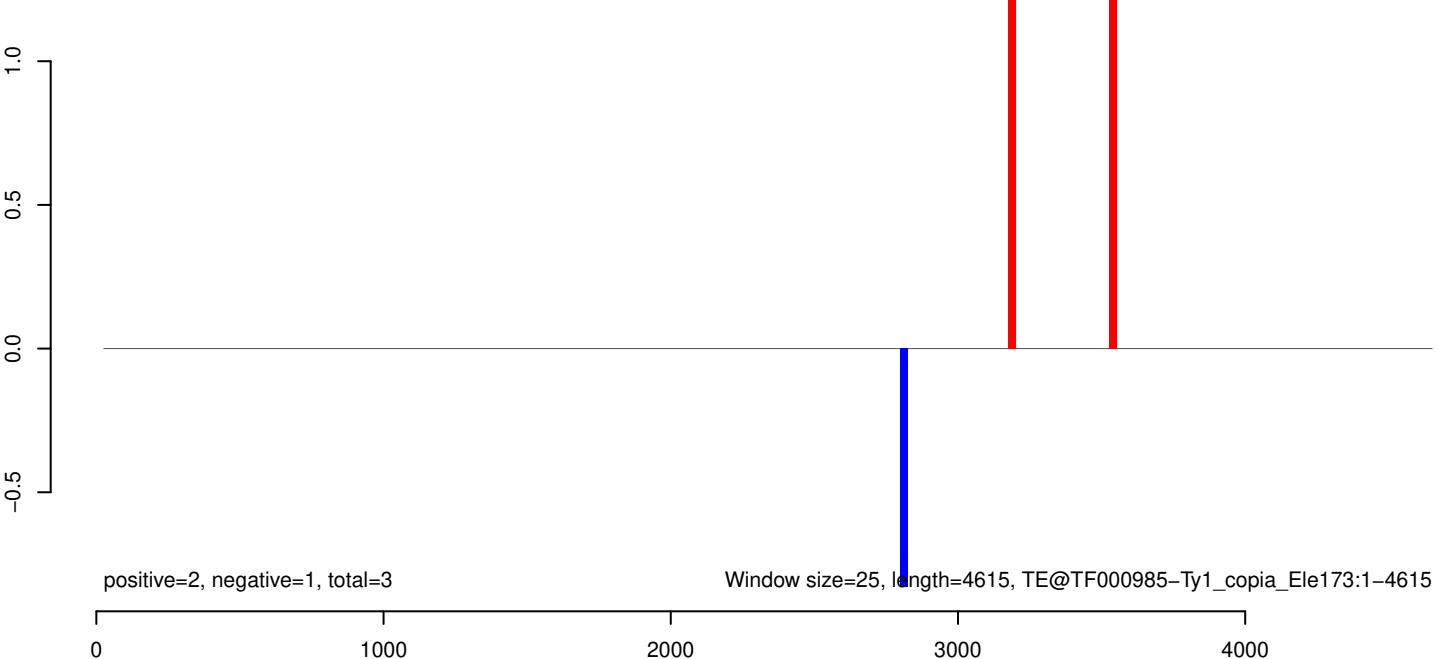
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



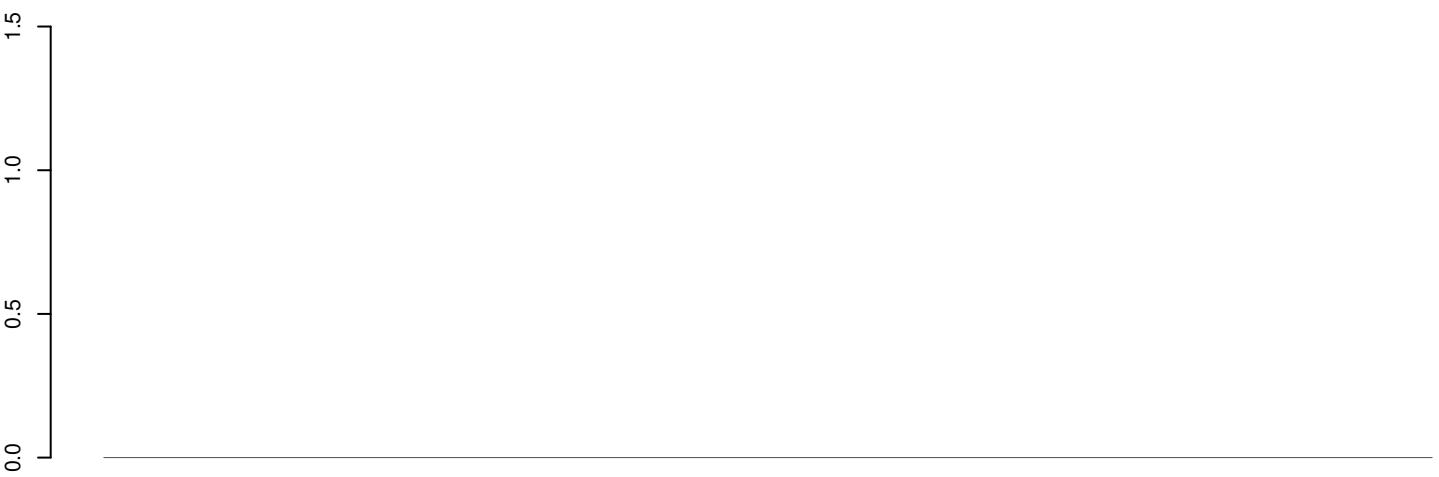
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



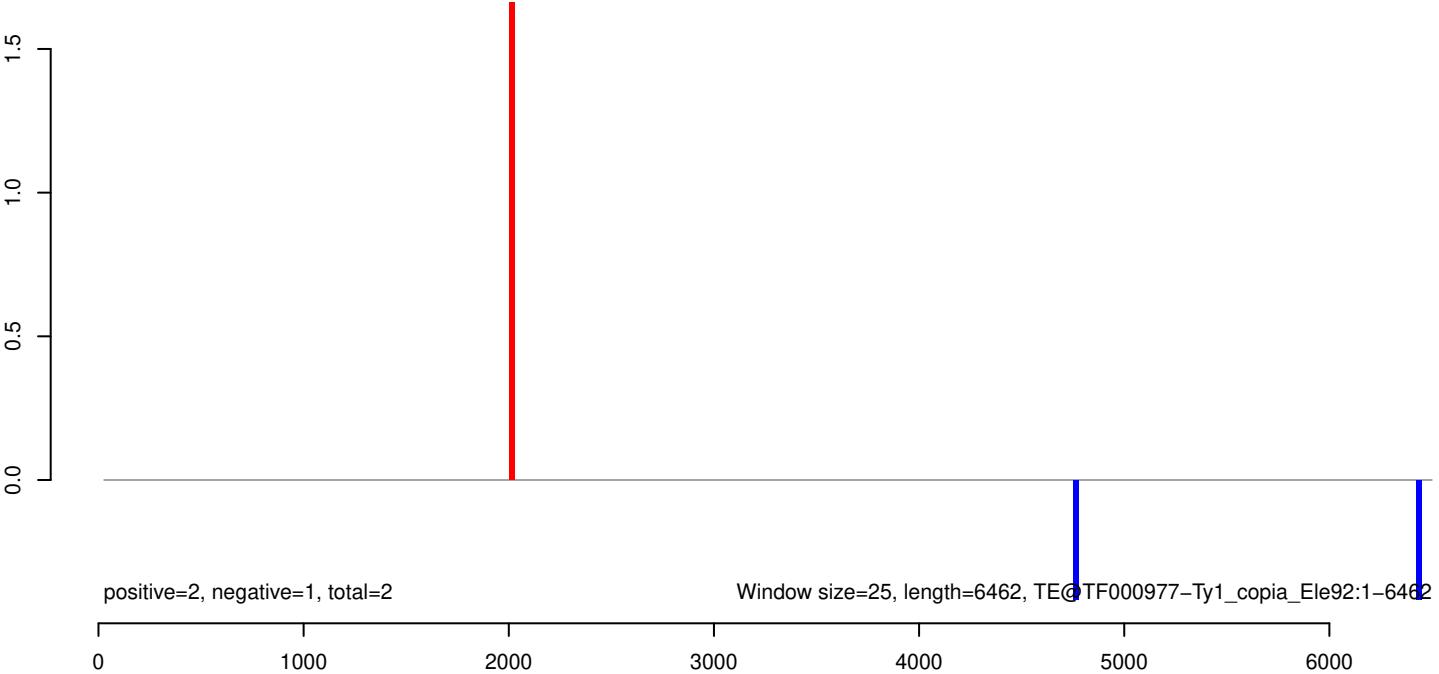
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

positive=1, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.rep**

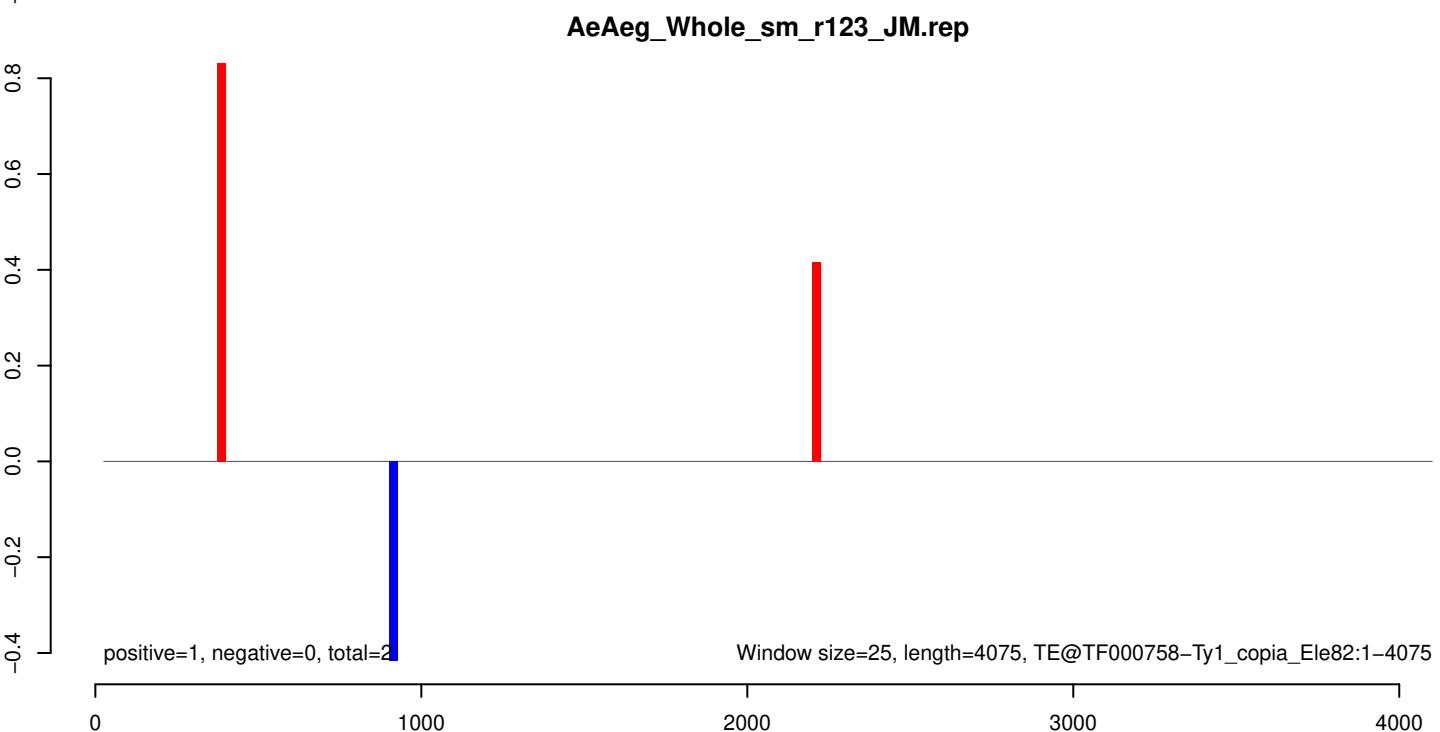
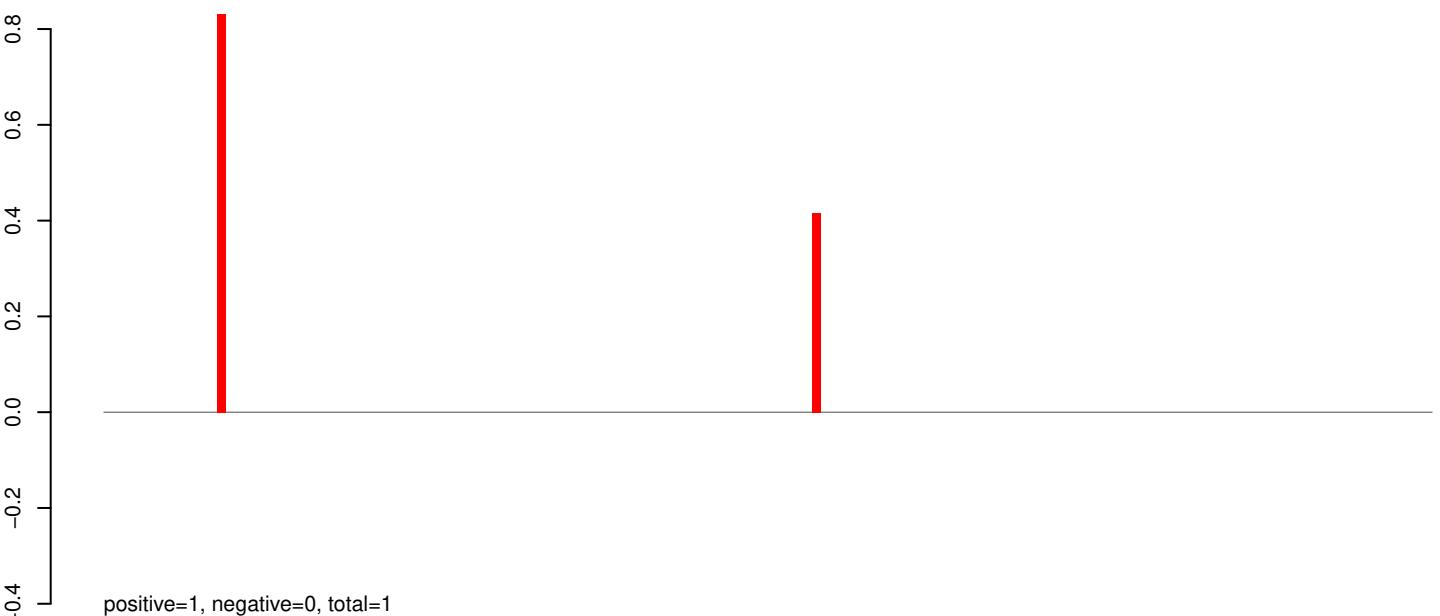
positive=1, negative=0, total=2

Window size=25, length=4075, TE@TF000758-Ty1\_copia\_Ele82:1-4075

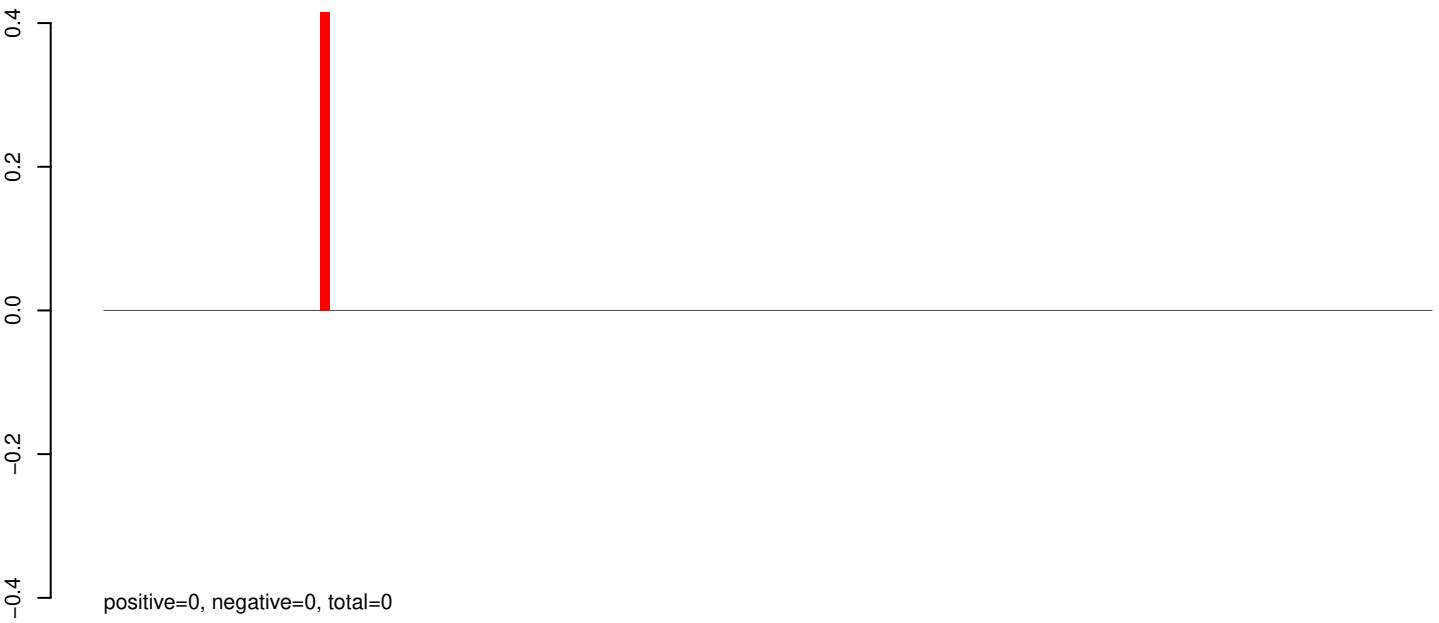


**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=1, negative=0, total=1



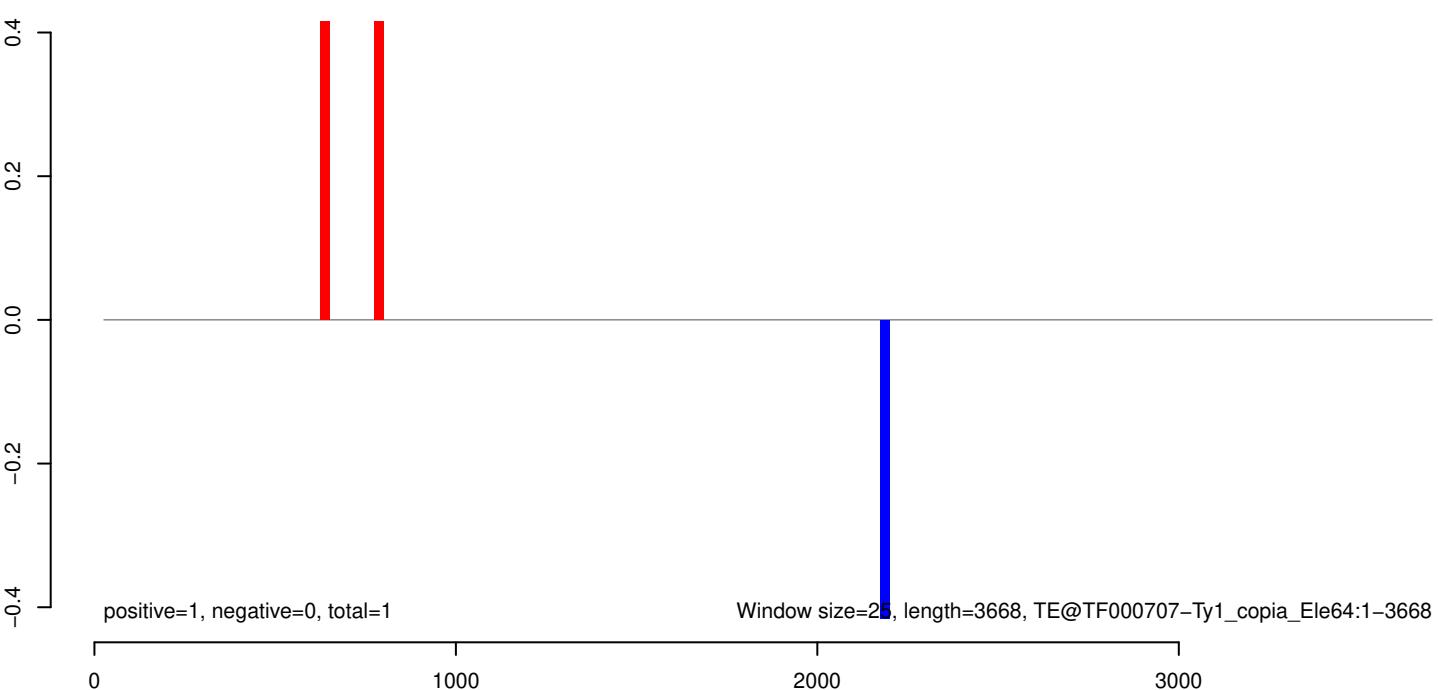
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



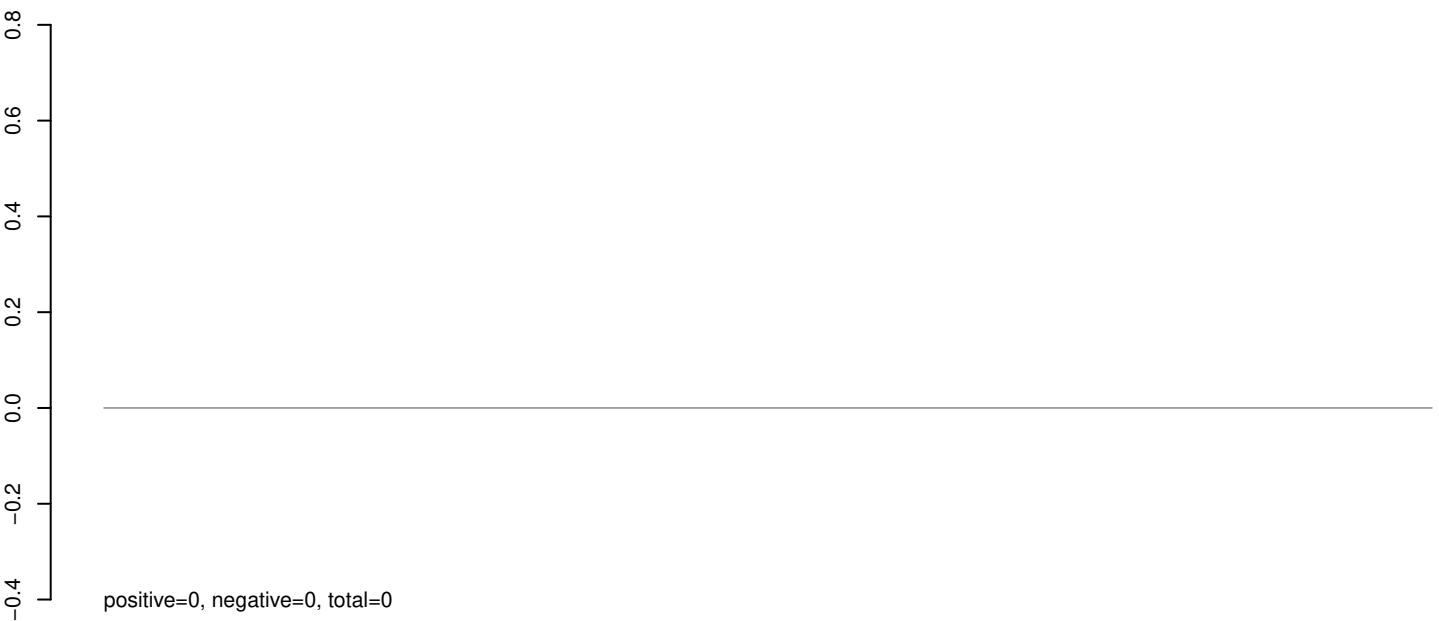
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



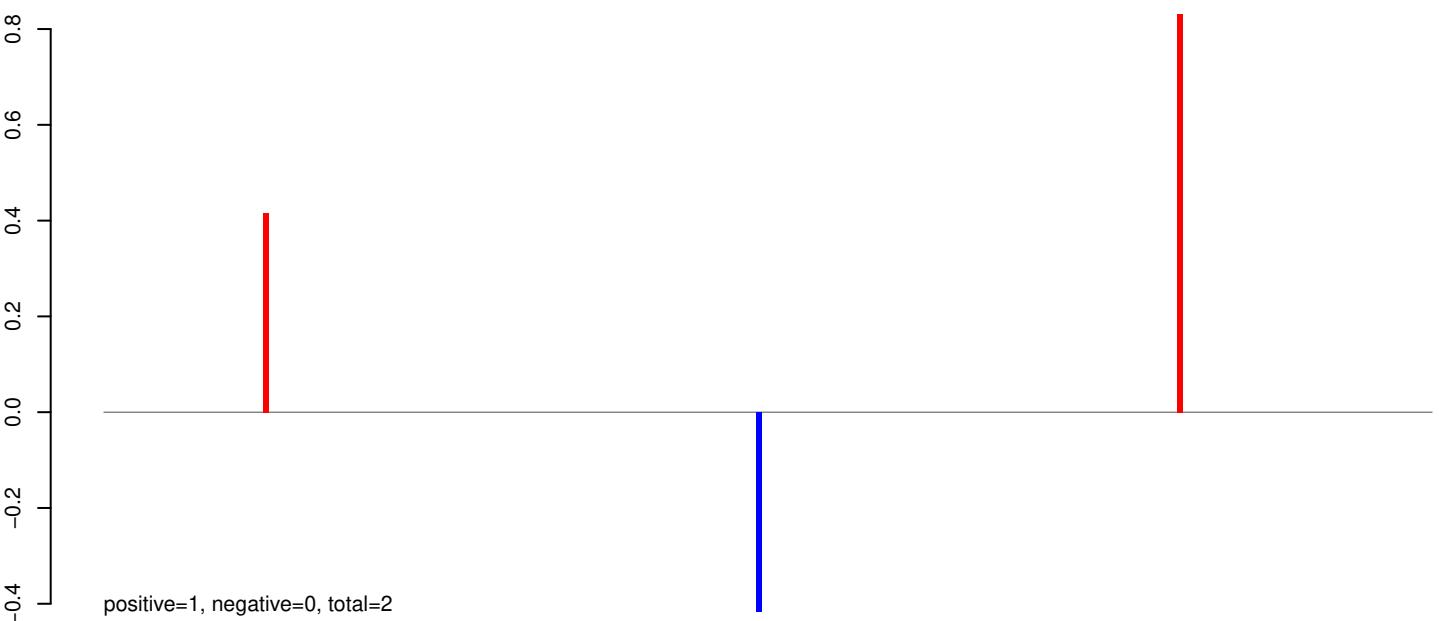
### AeAeg\_Whole\_sm\_r123\_JM.rep



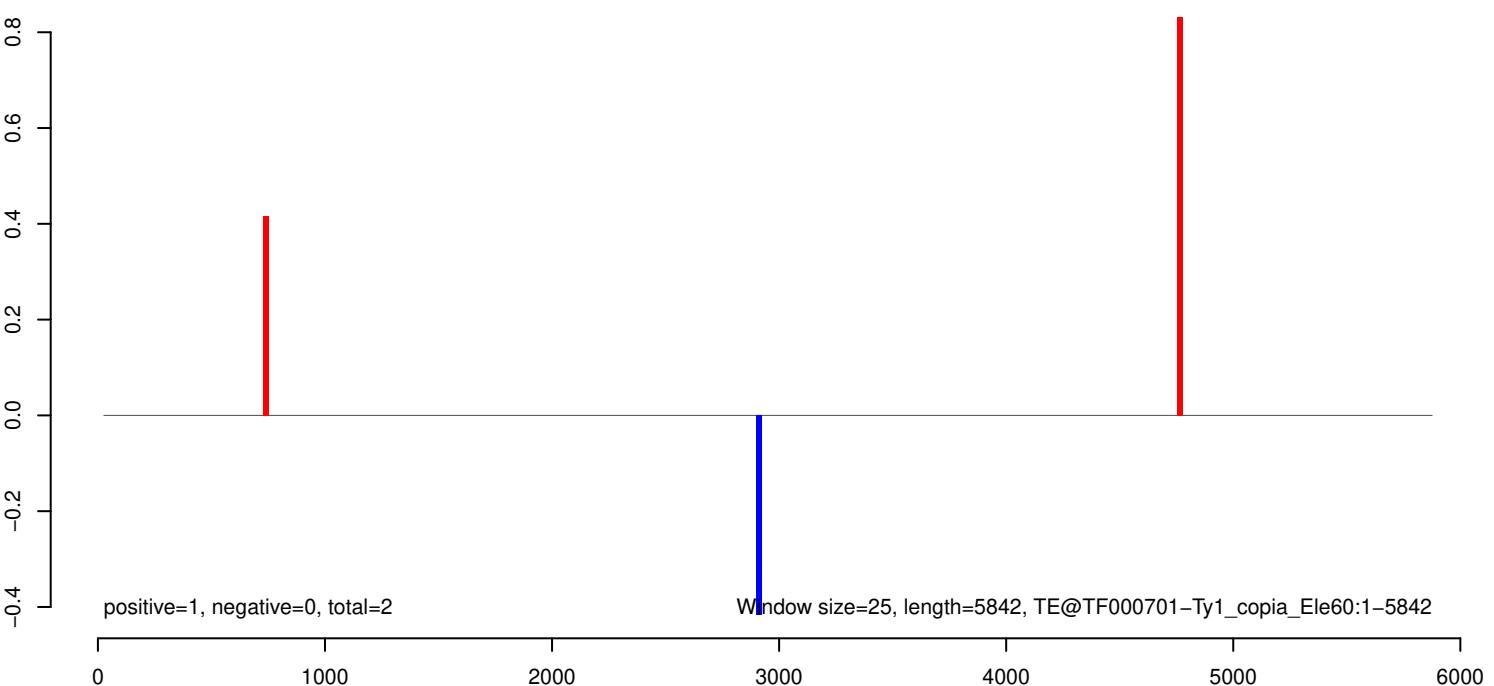
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

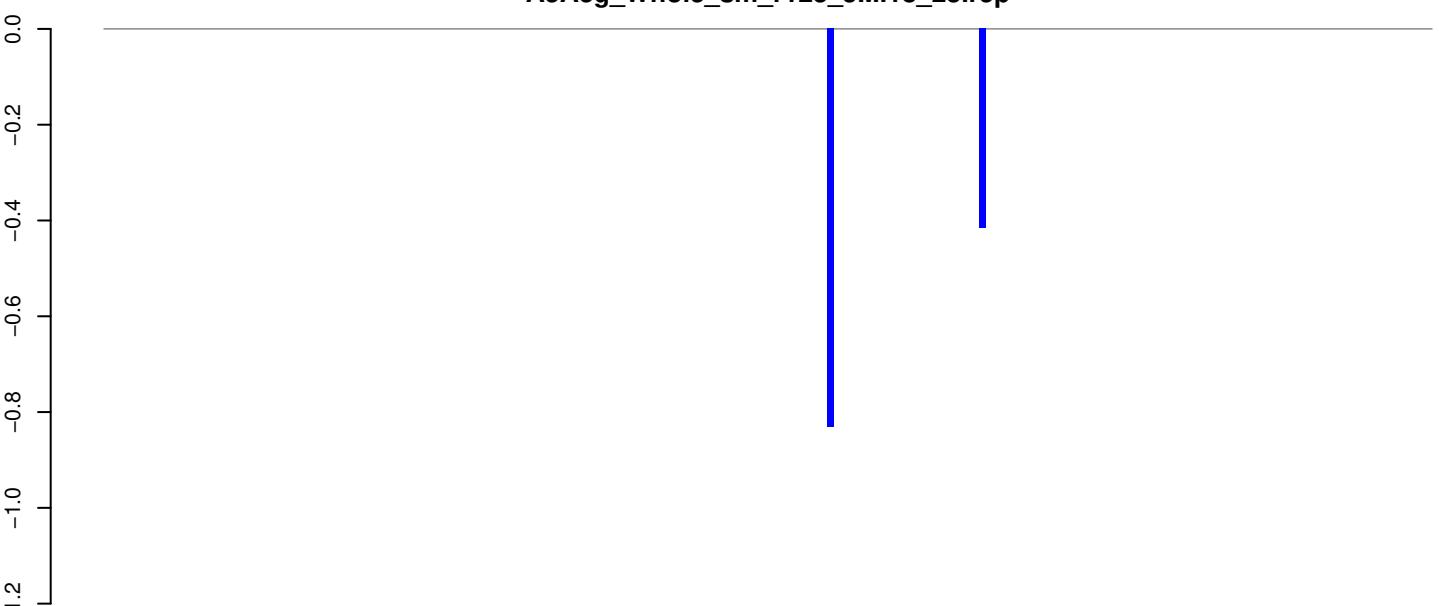


### AeAeg\_Whole\_sm\_r123\_JM.rep



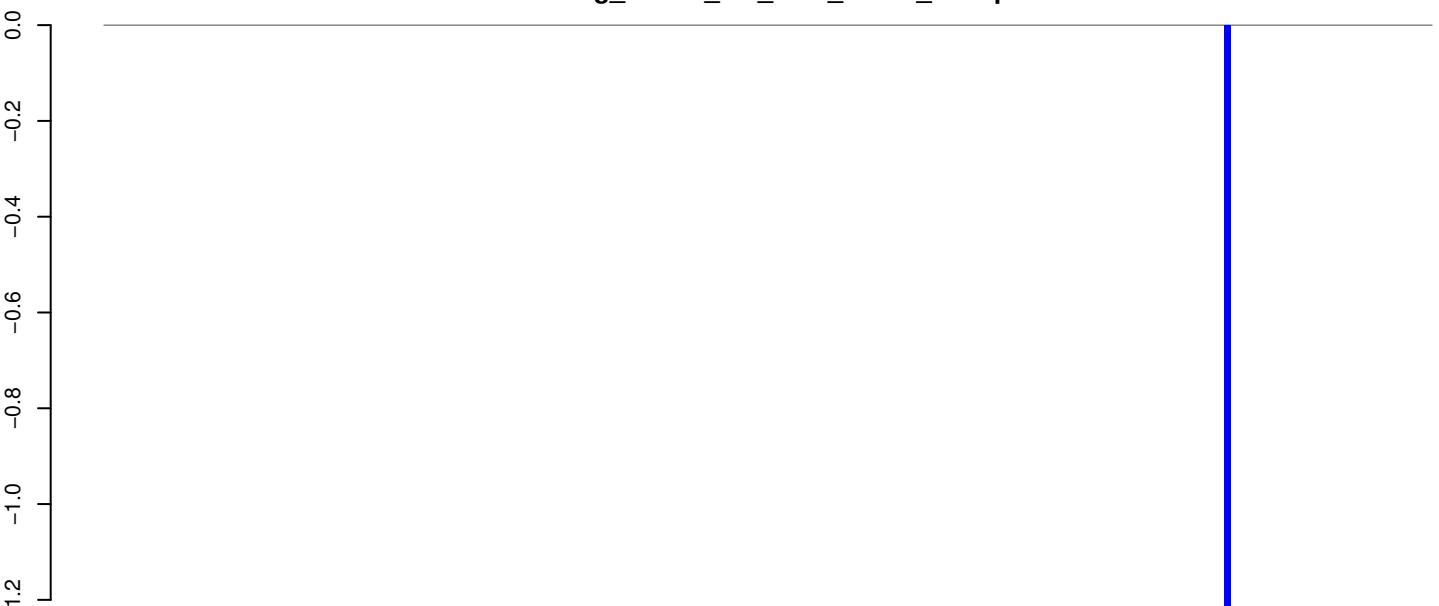
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

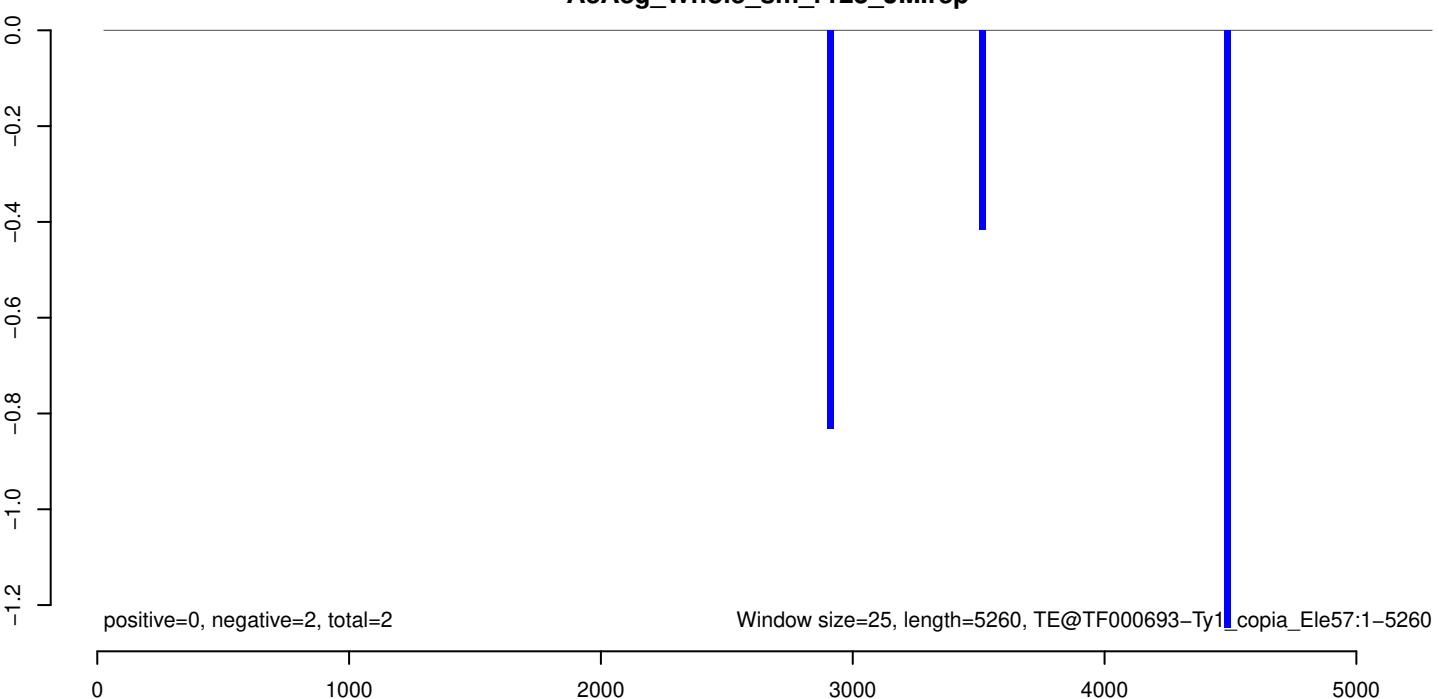
positive=0, negative=1, total=1



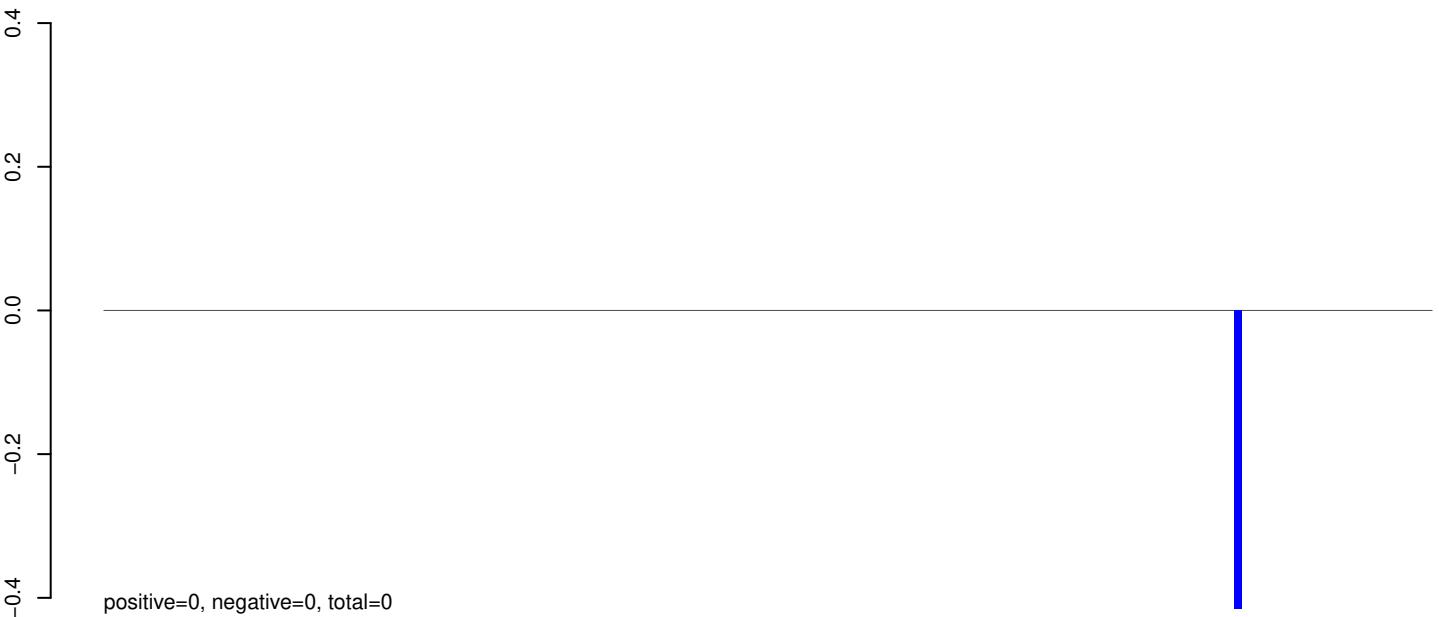
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

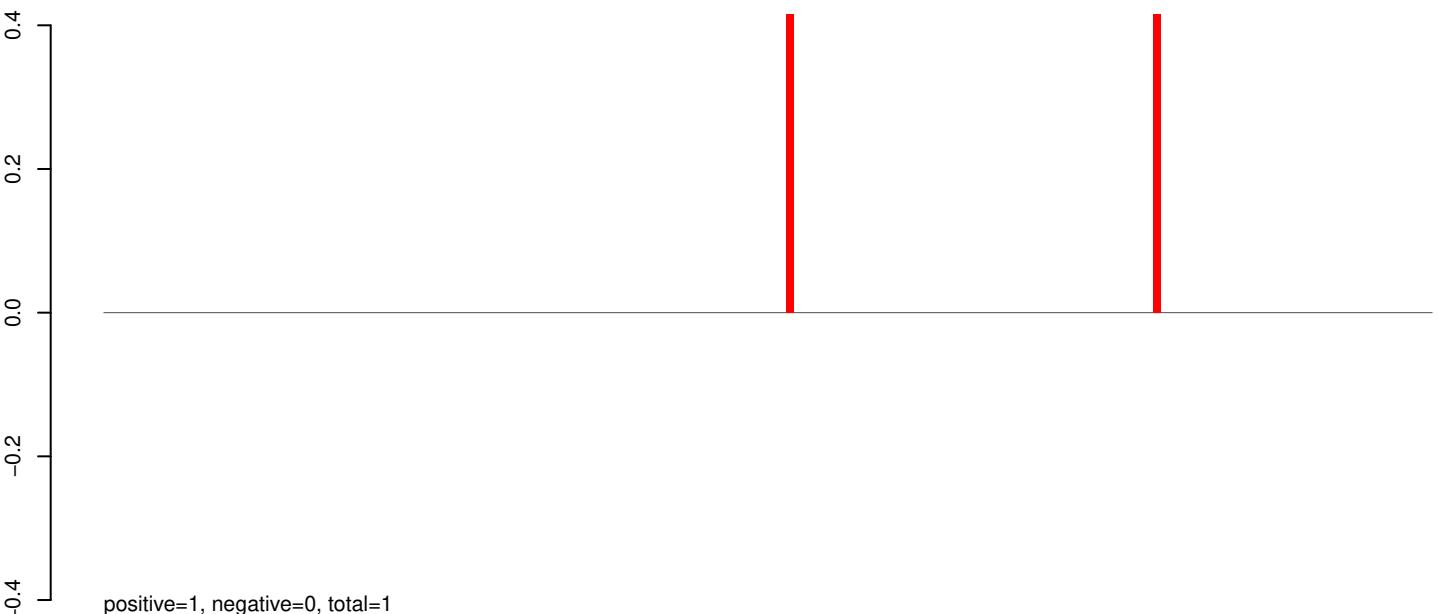
Window size=25, length=5260, TE@TF000693-Ty1 copia\_Ele57:1-5260



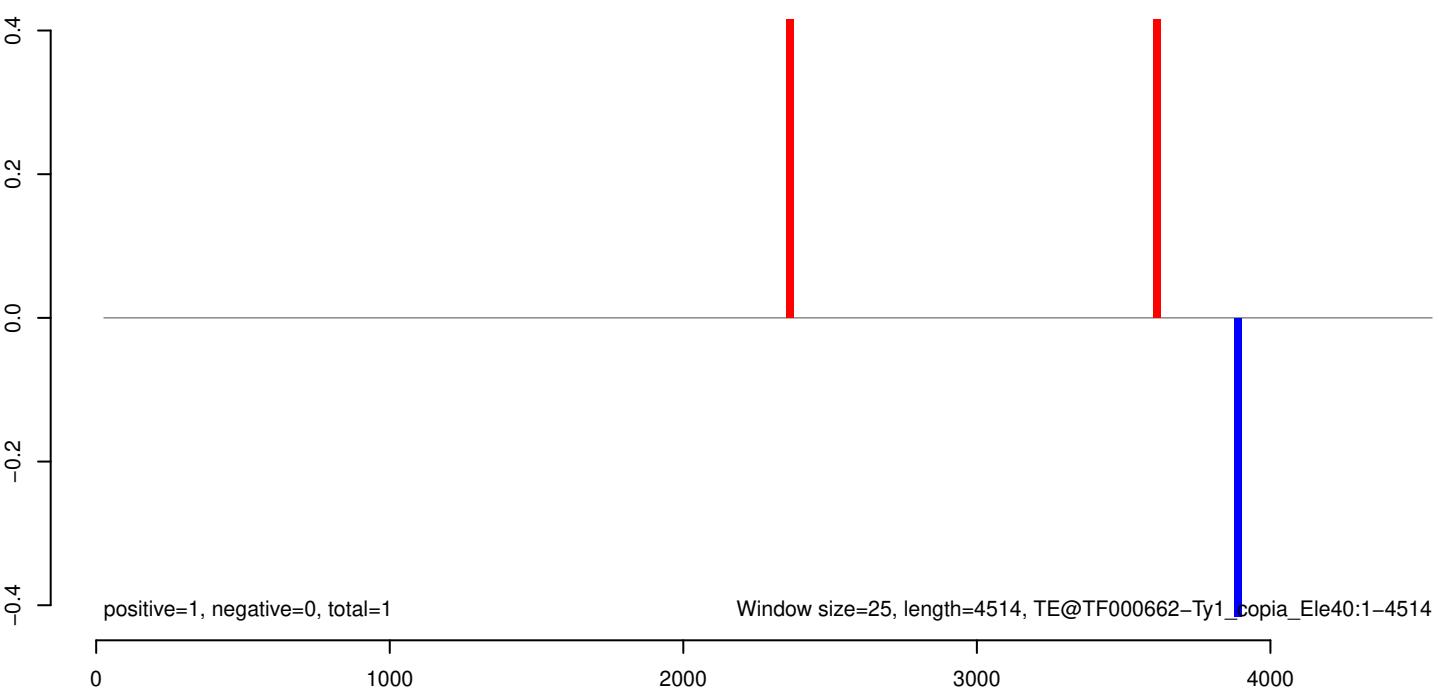
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



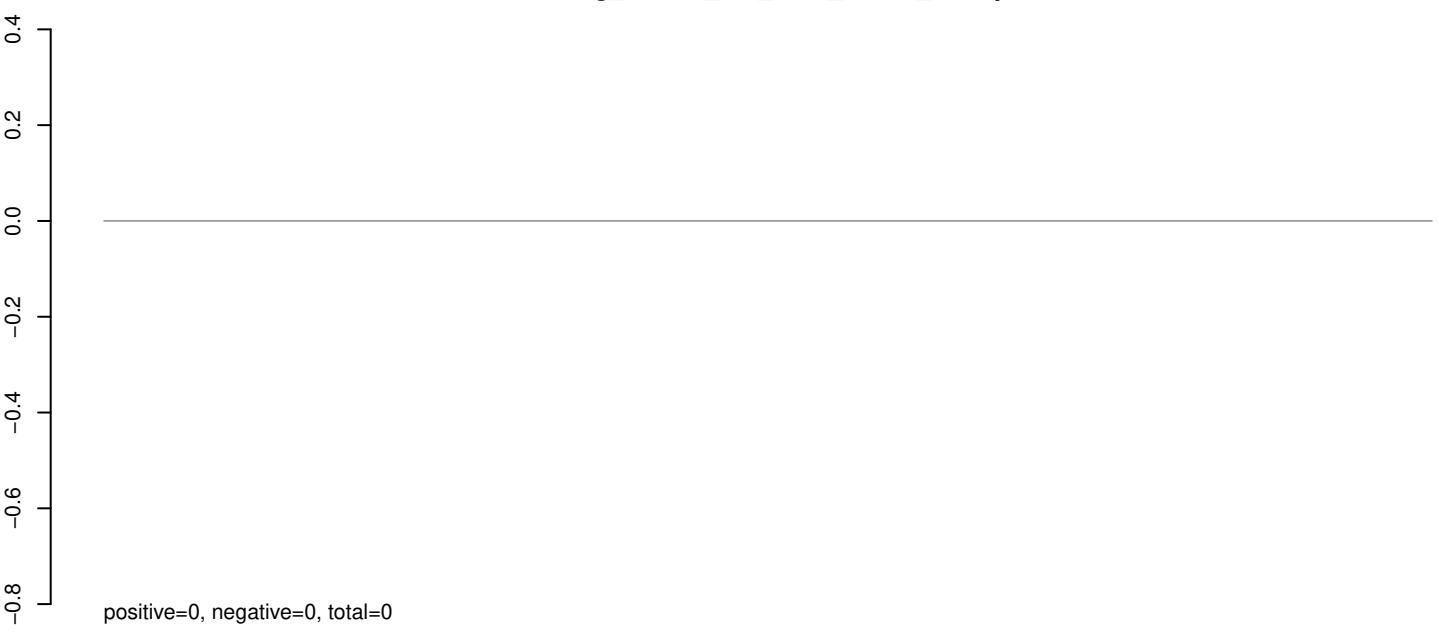
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



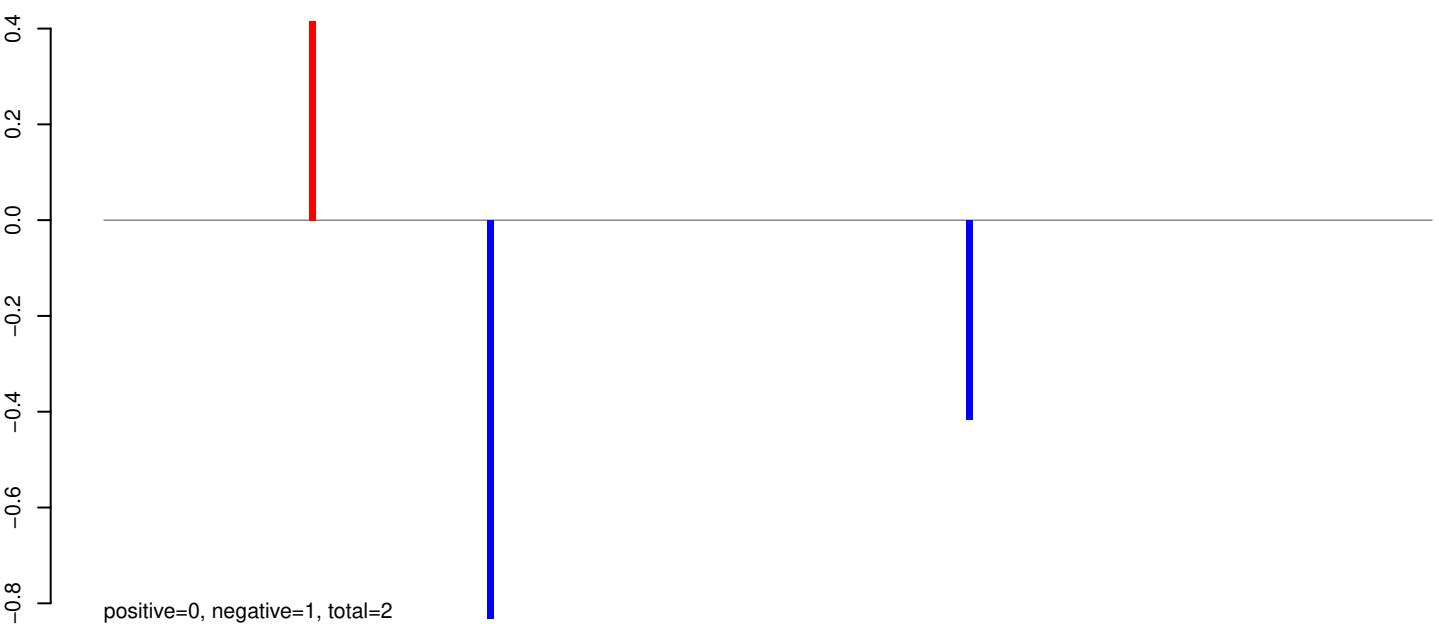
### AeAeg\_Whole\_sm\_r123\_JM.rep



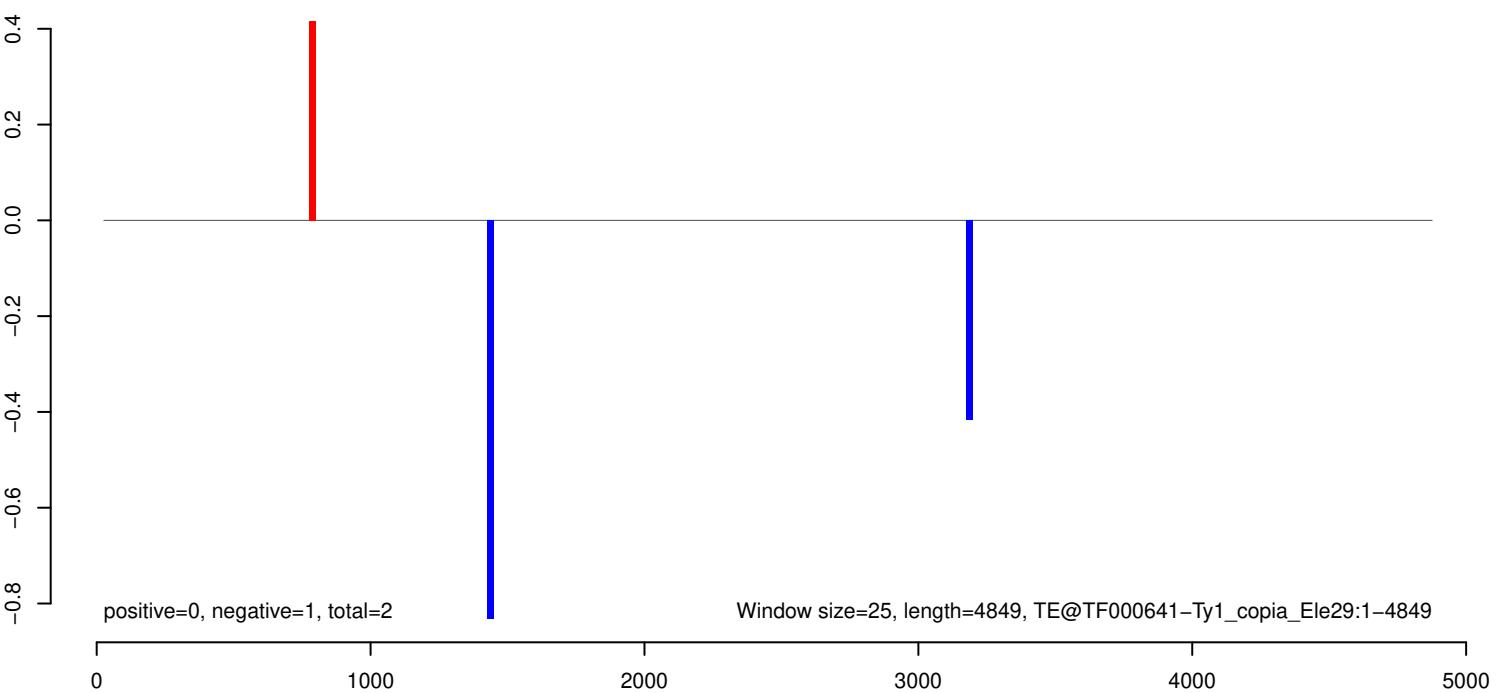
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=2, negative=0, total=2

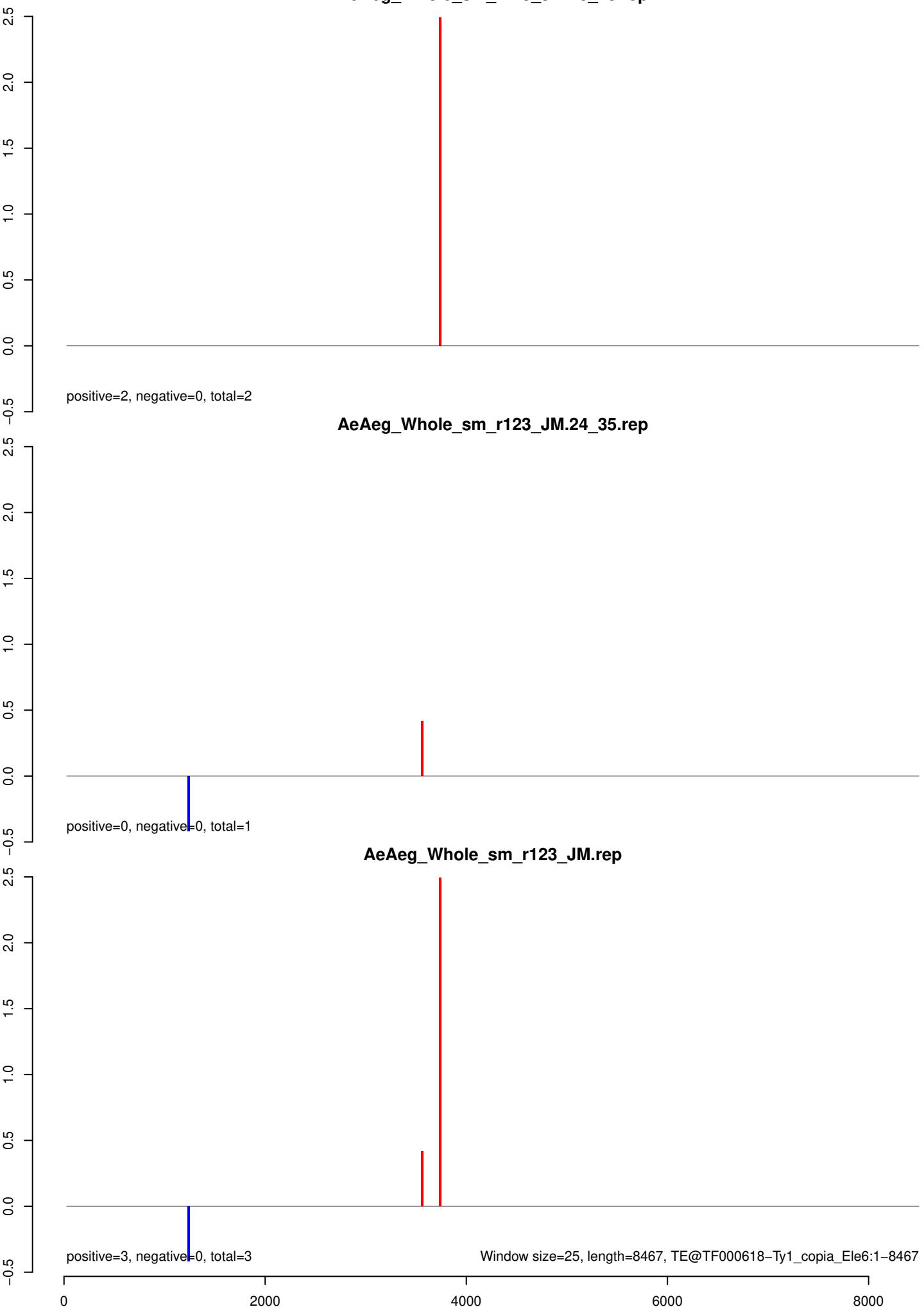
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=1

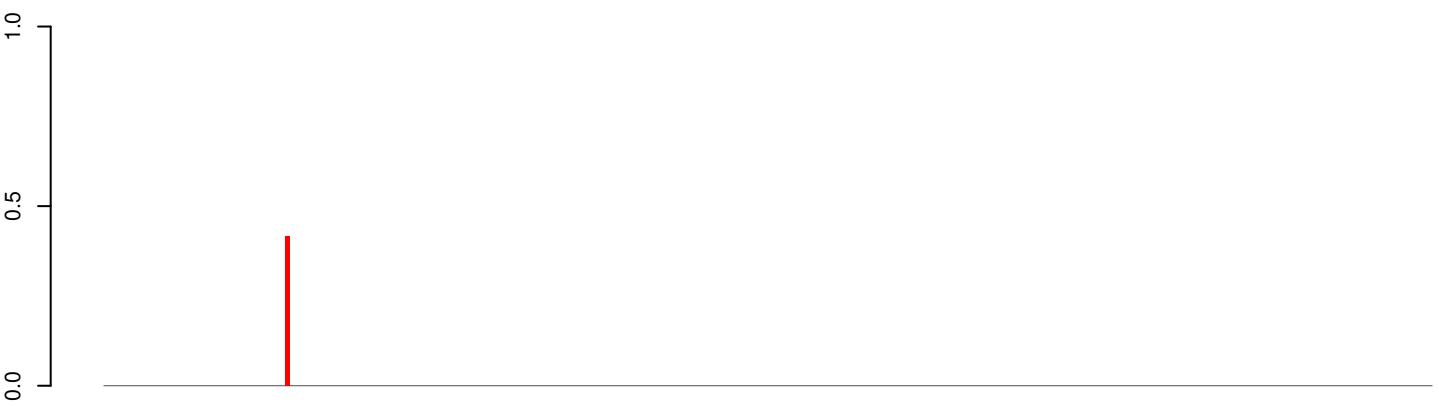
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=3, negative=0, total=3

Window size=25, length=8467, TE@TF000618-Ty1\_copia\_Ele6:1-8467

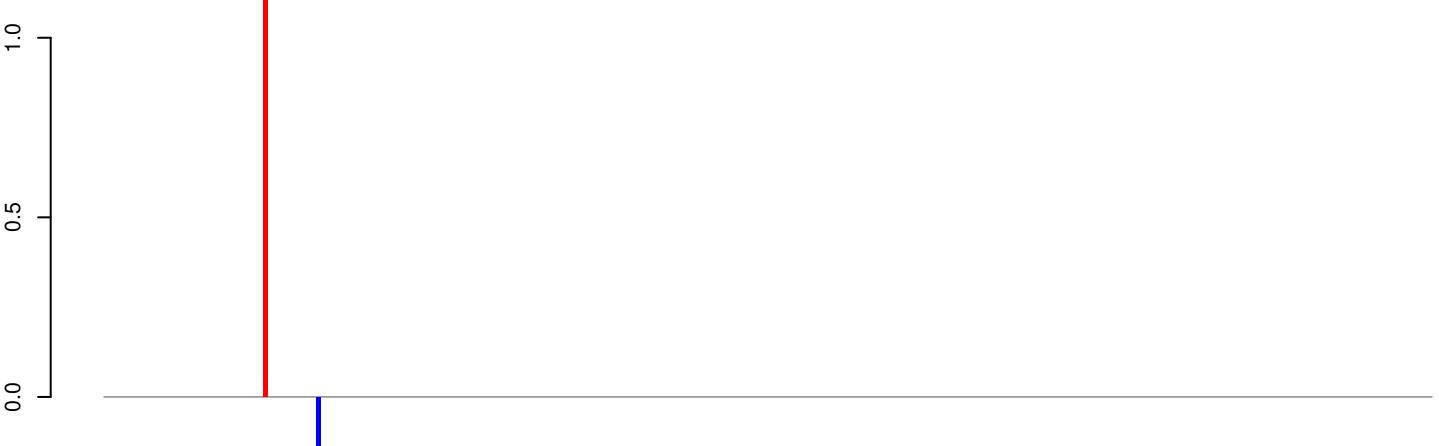


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



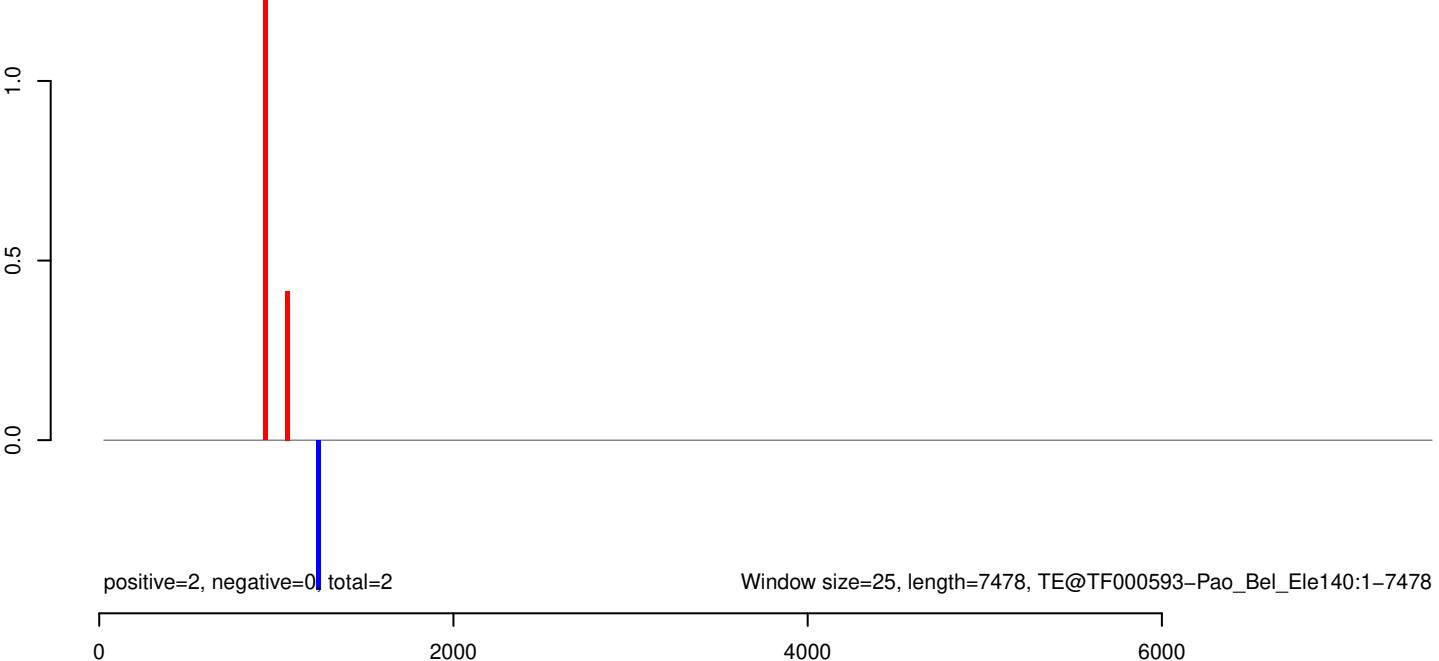
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

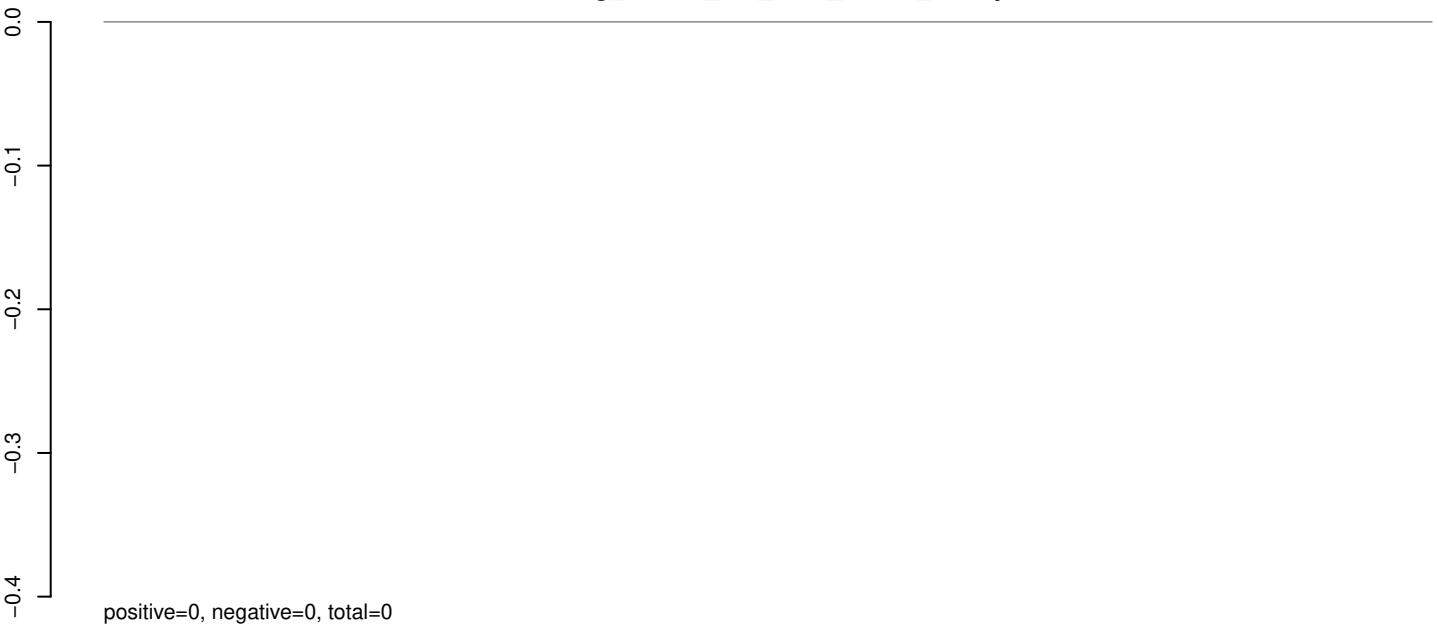


positive=1, negative=0, total=2

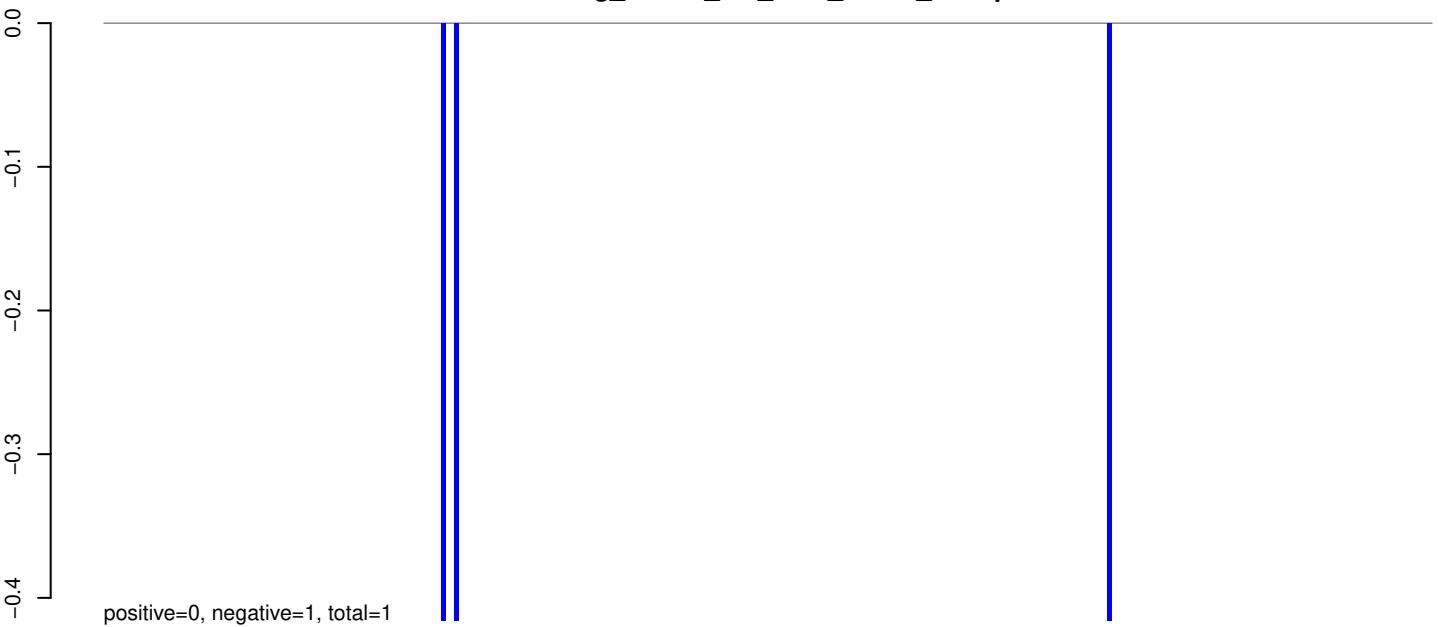
**AeAeg\_Whole\_sm\_r123\_JM.rep**



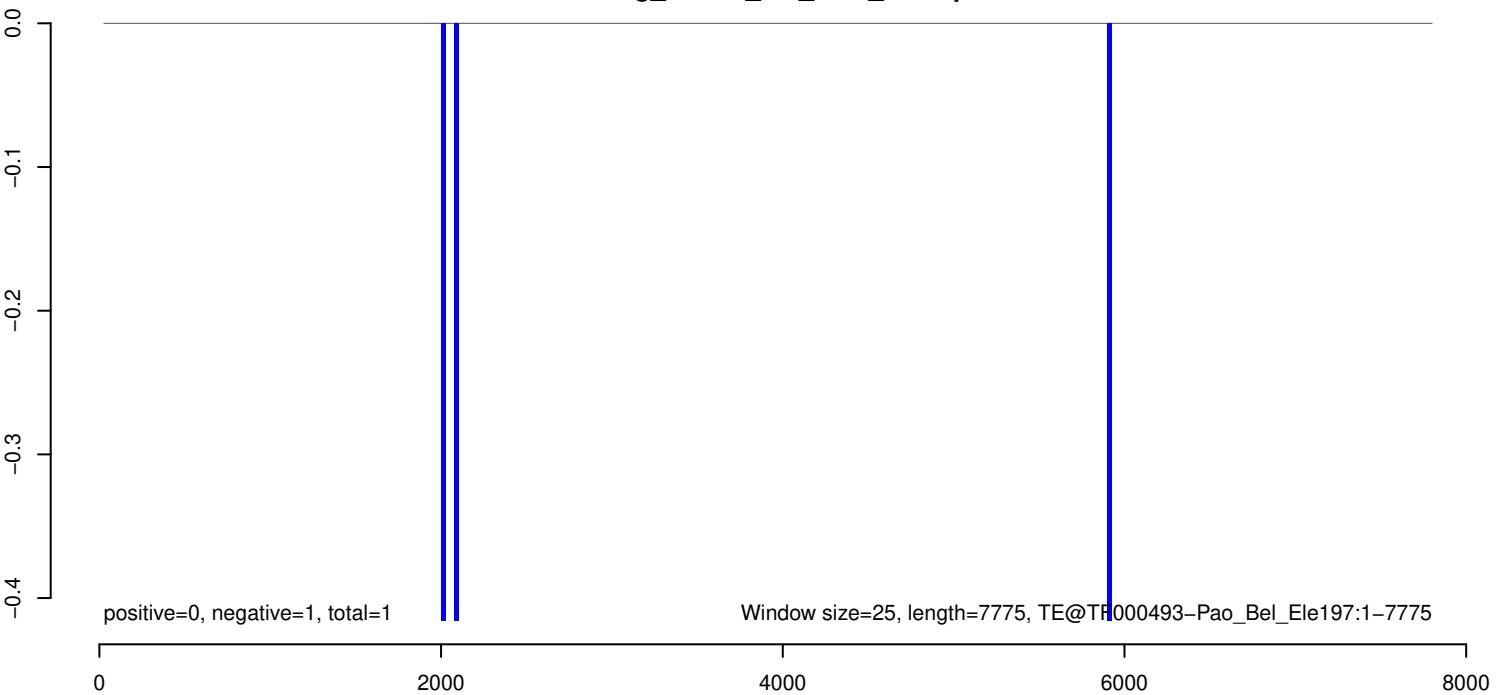
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



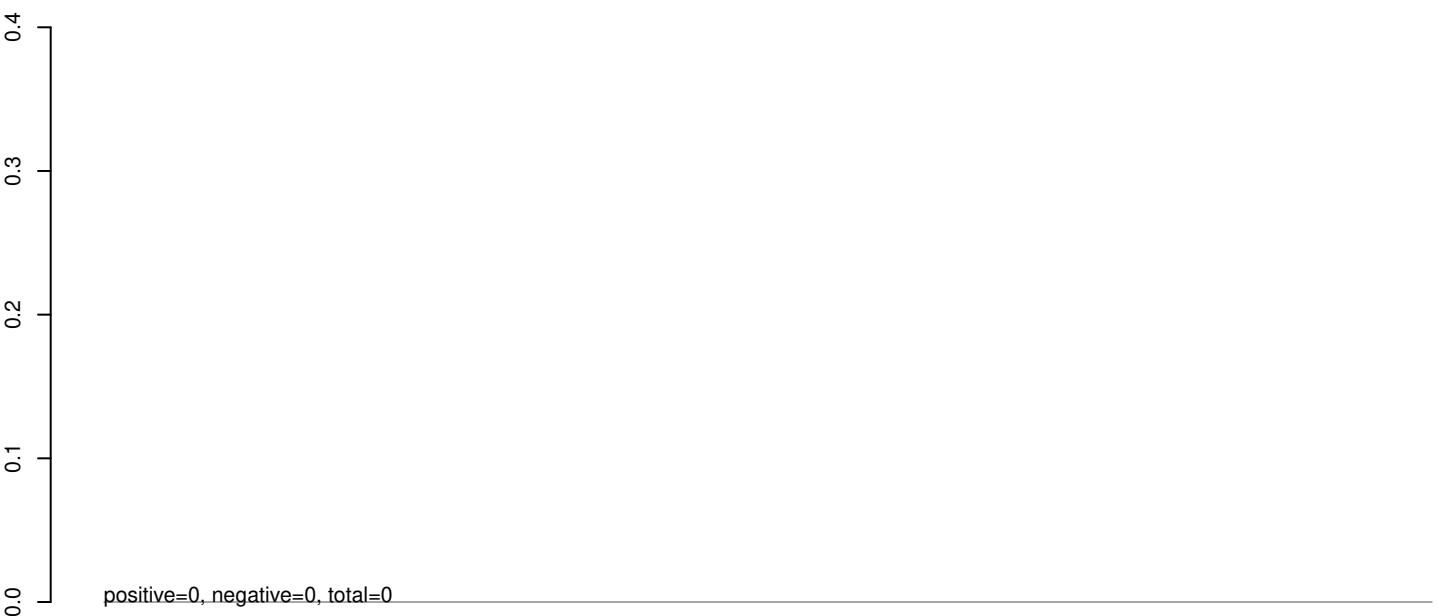
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



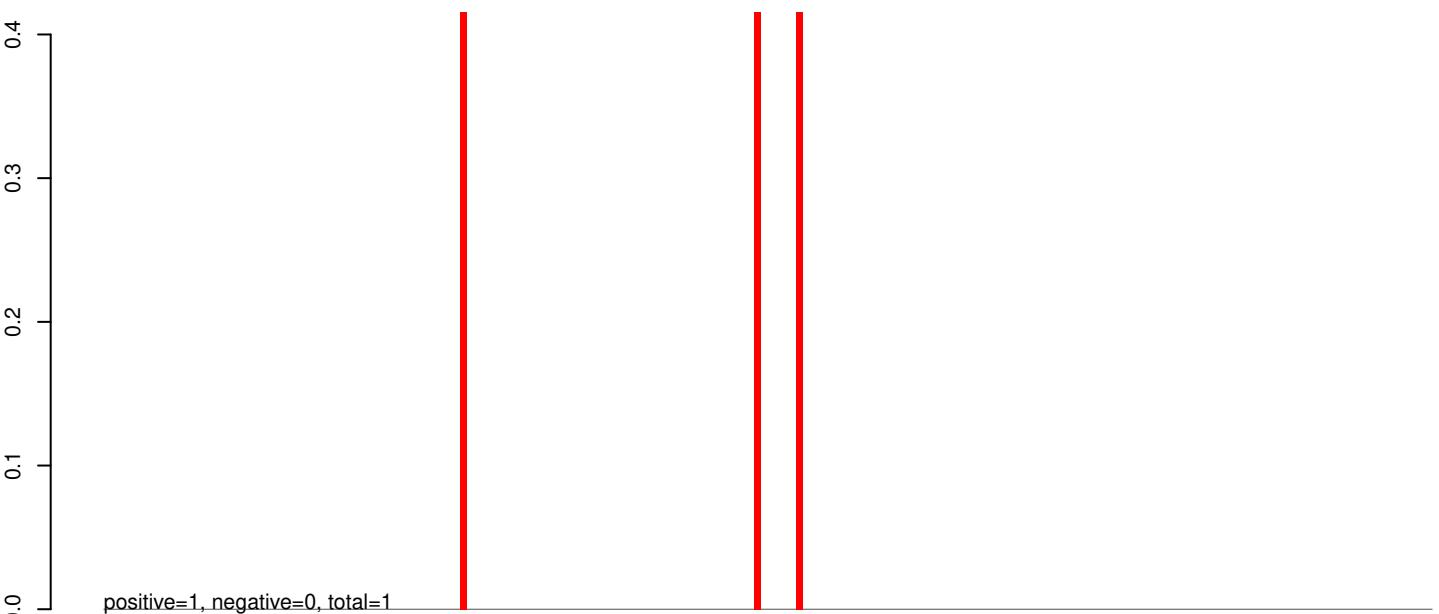
### AeAeg\_Whole\_sm\_r123\_JM.rep



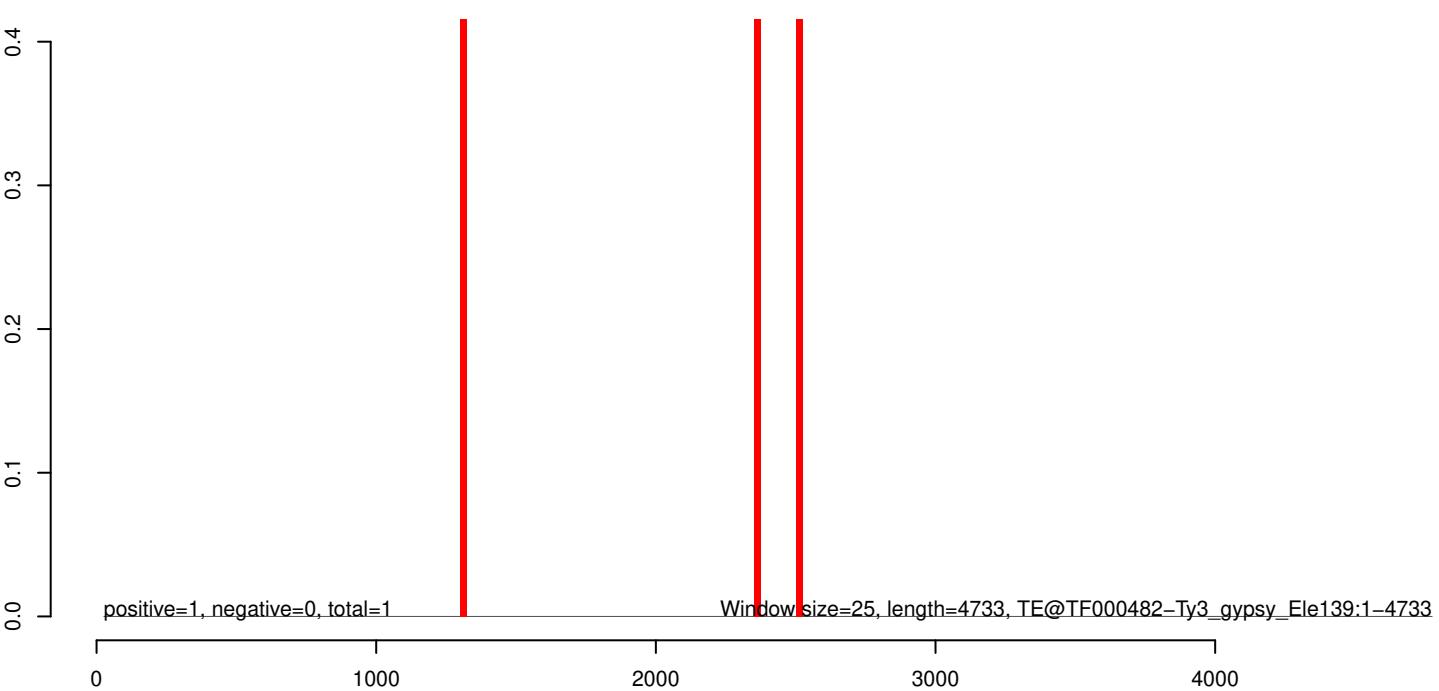
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



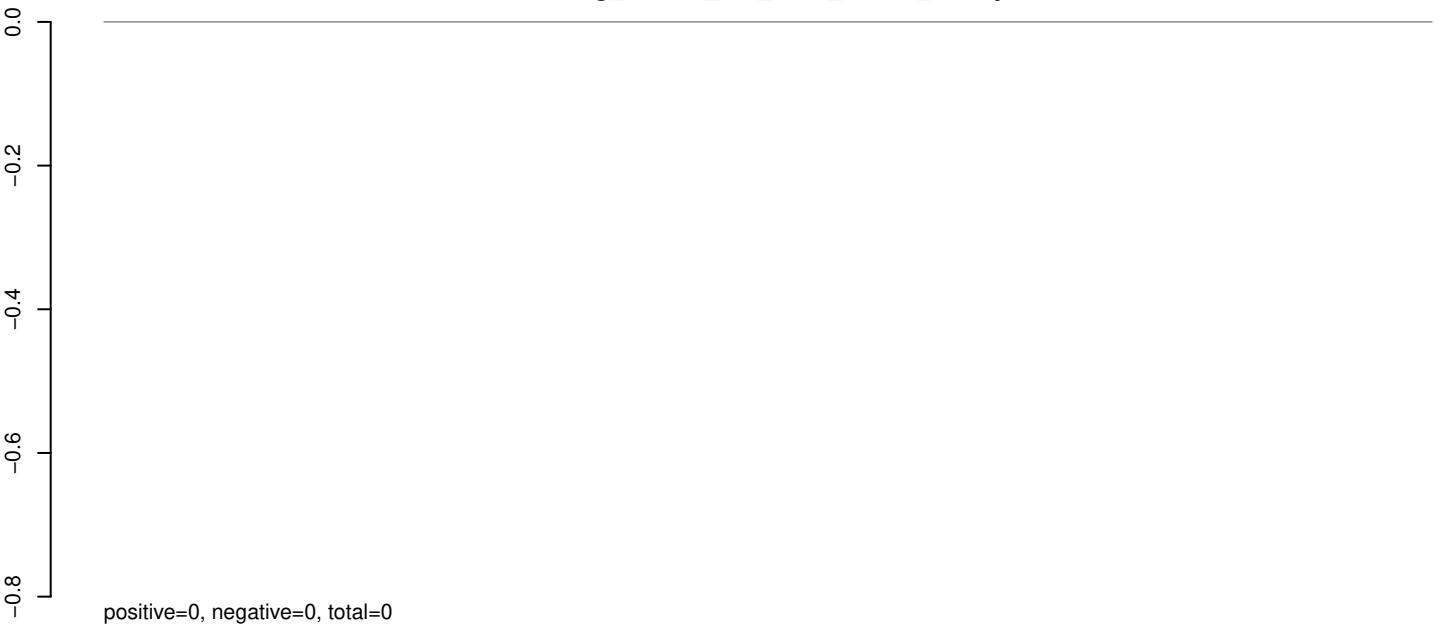
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



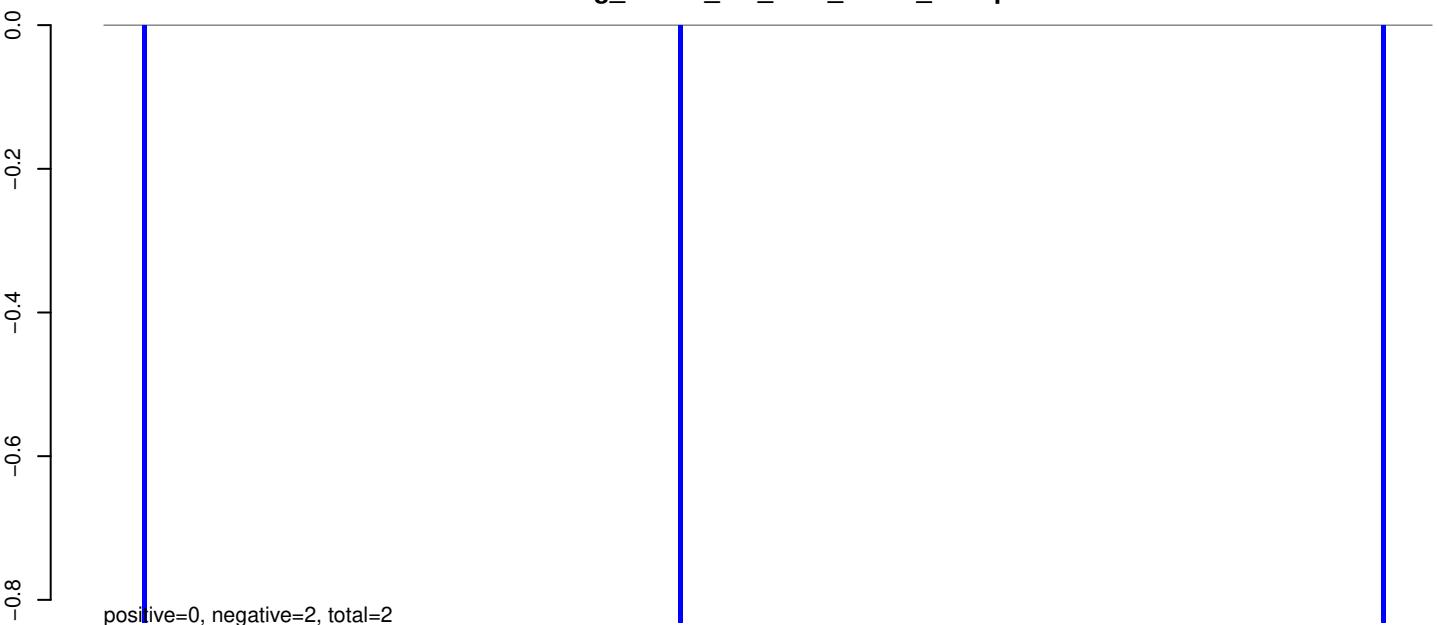
### AeAeg\_Whole\_sm\_r123\_JM.rep



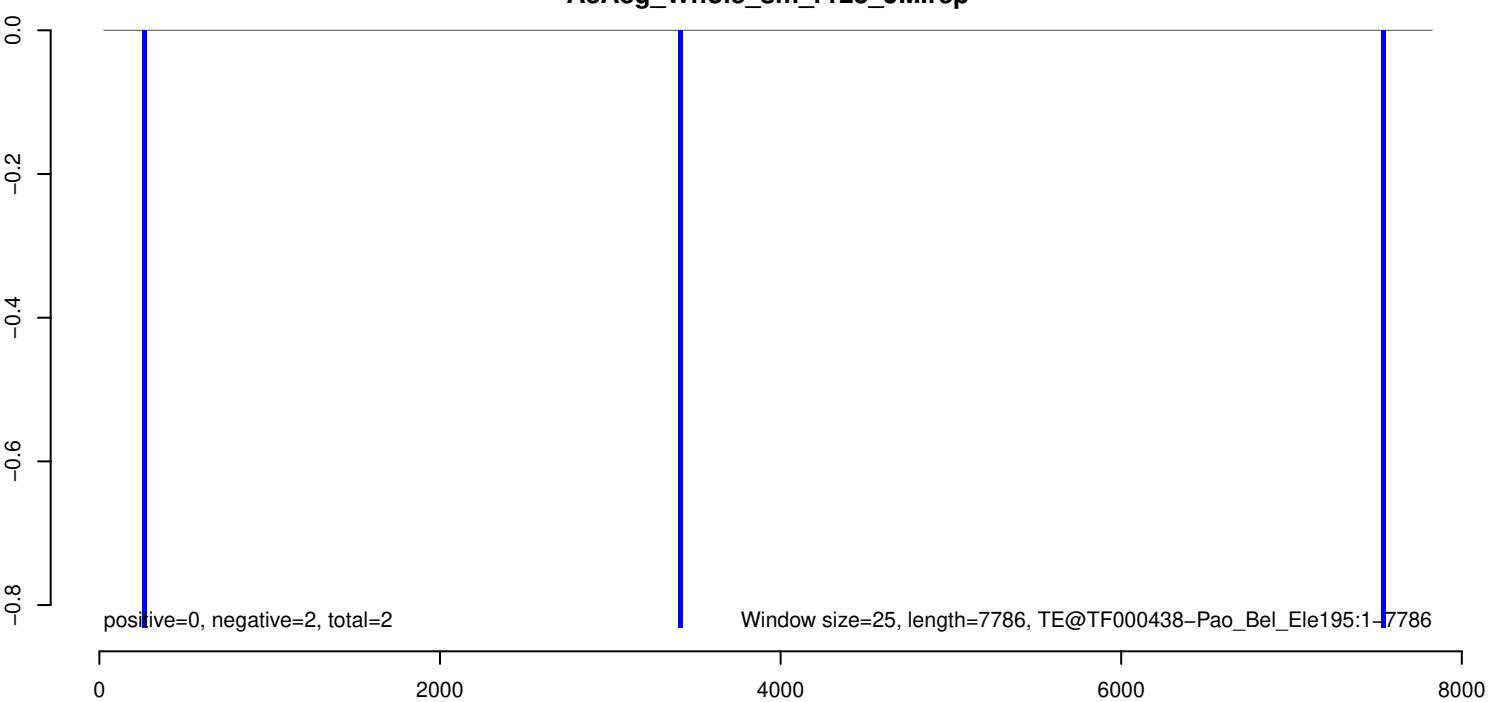
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



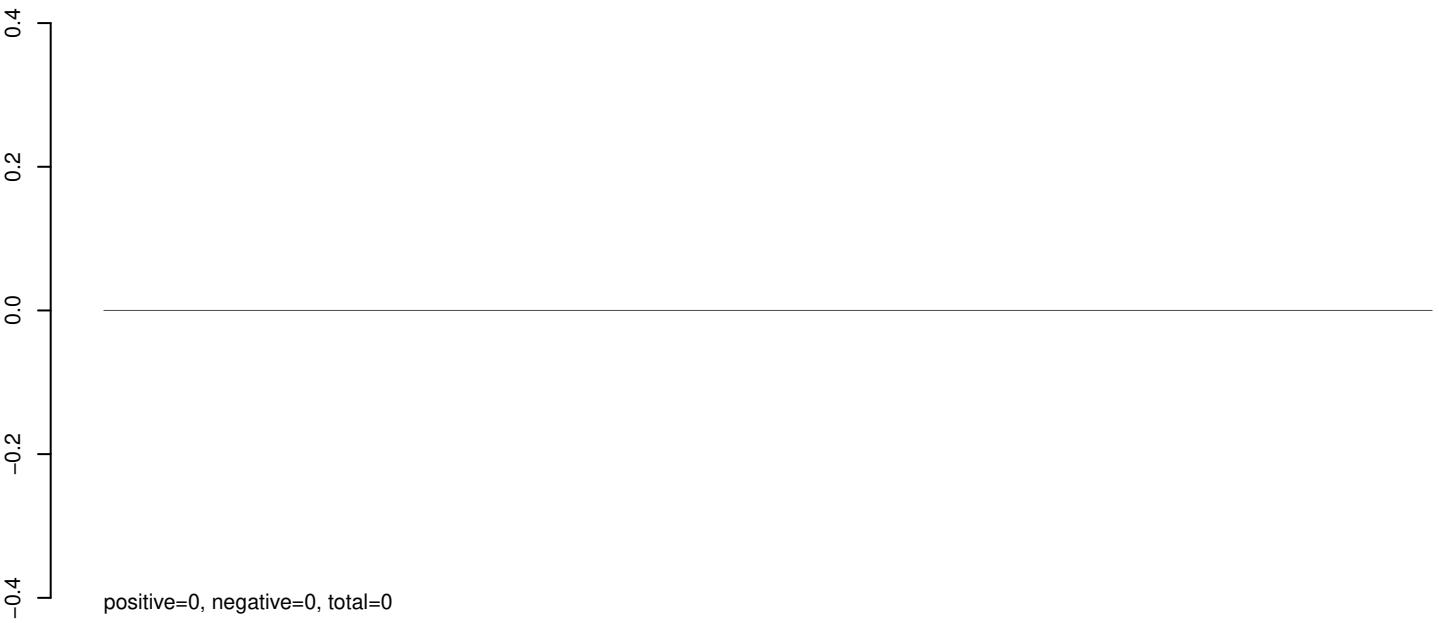
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



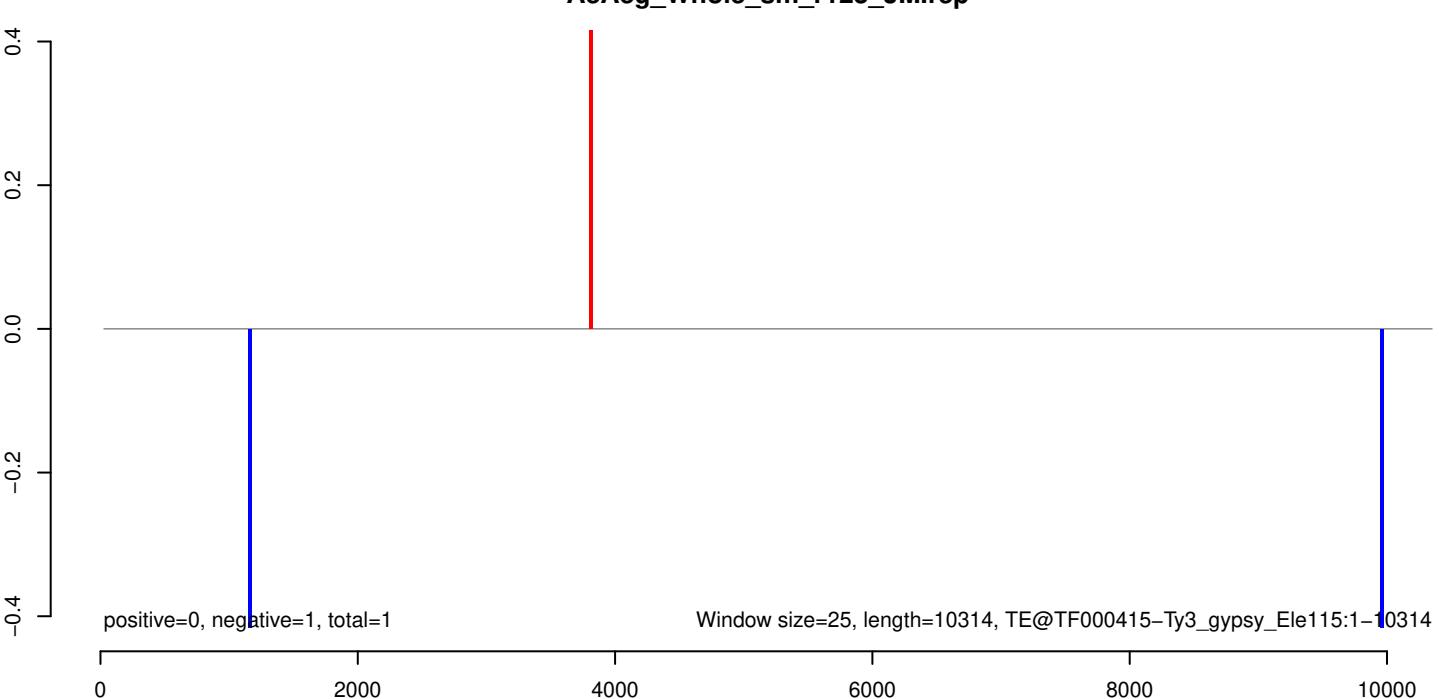
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



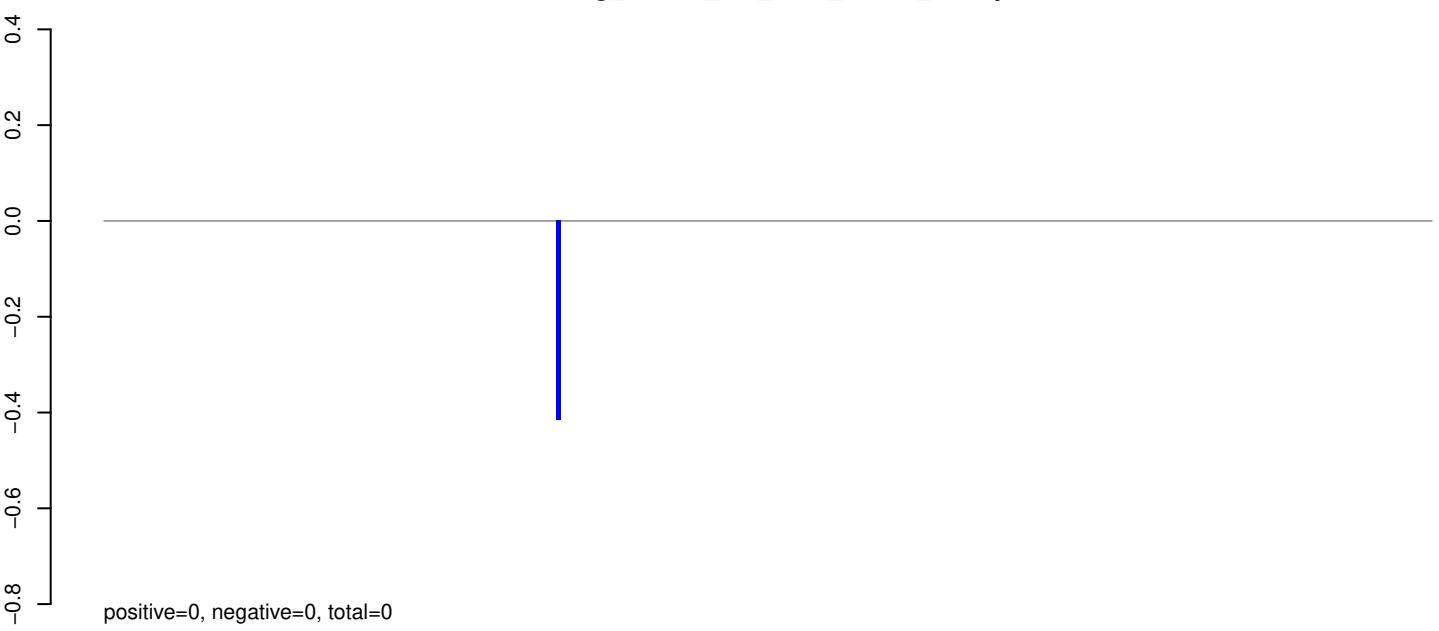
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



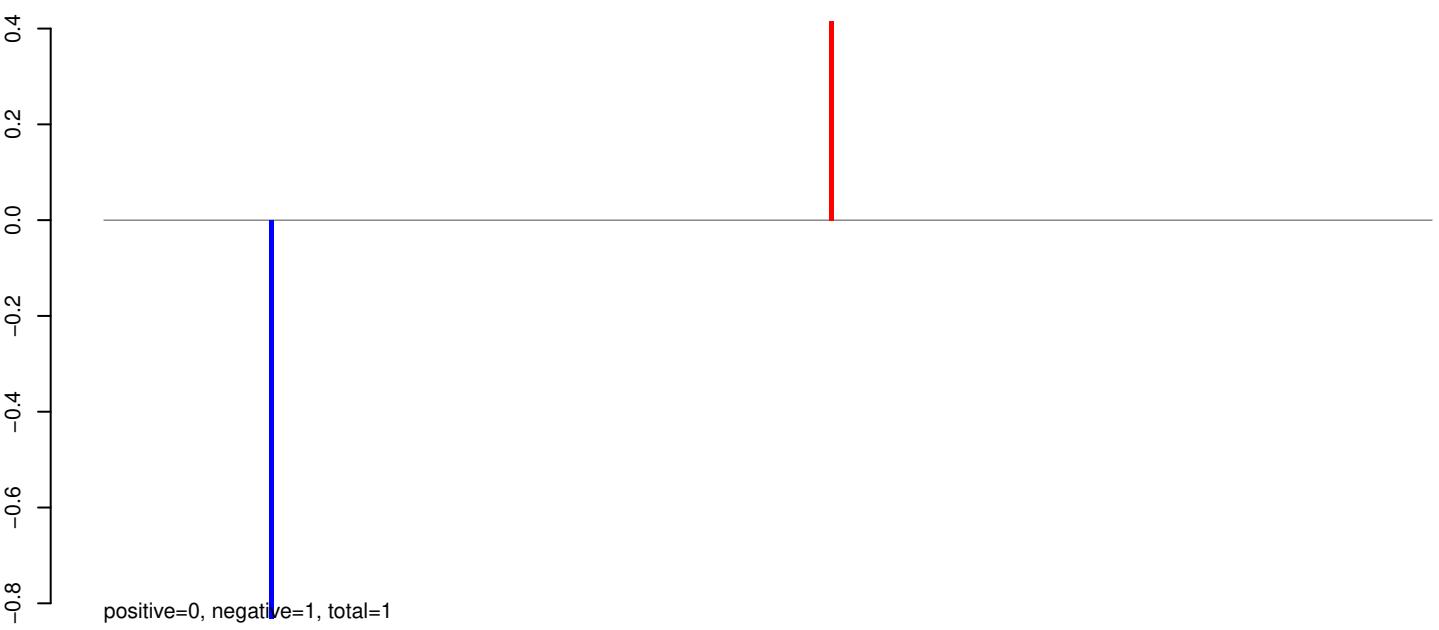
### AeAeg\_Whole\_sm\_r123\_JM.rep



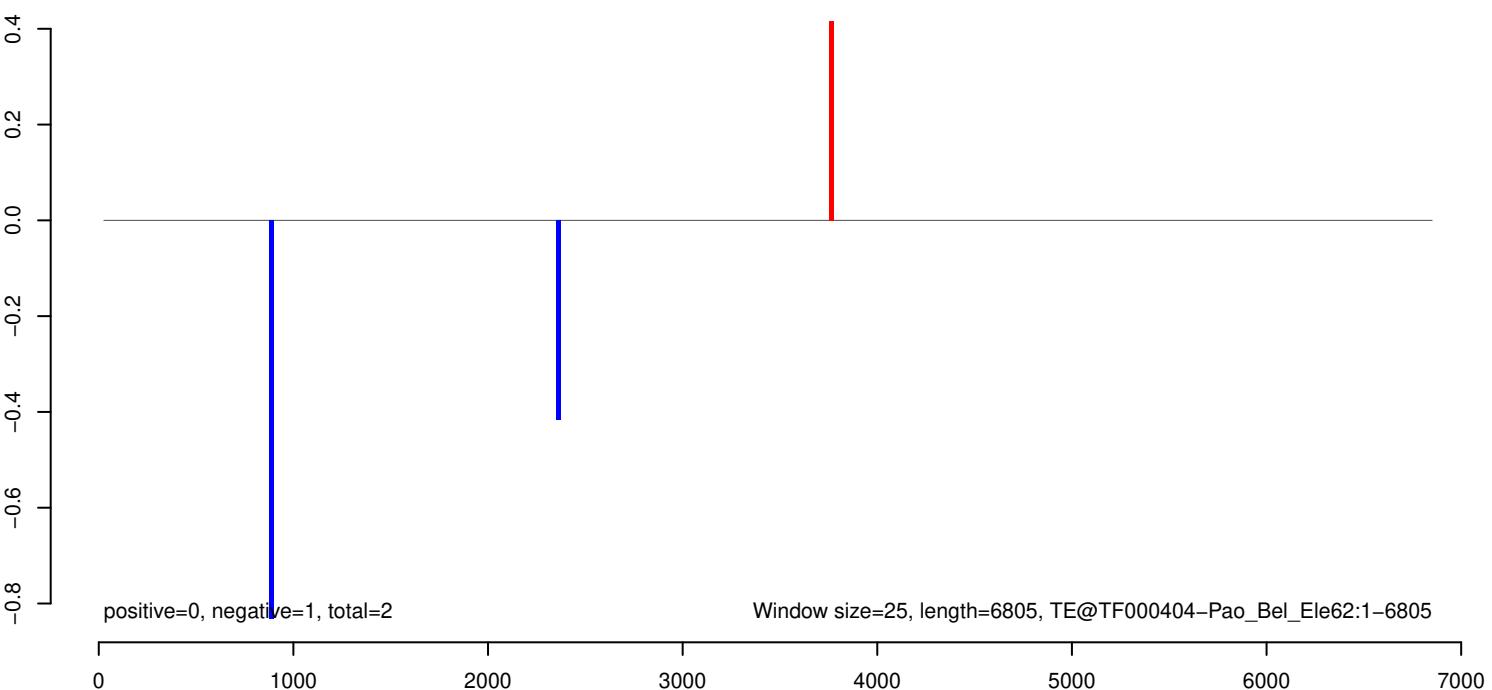
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

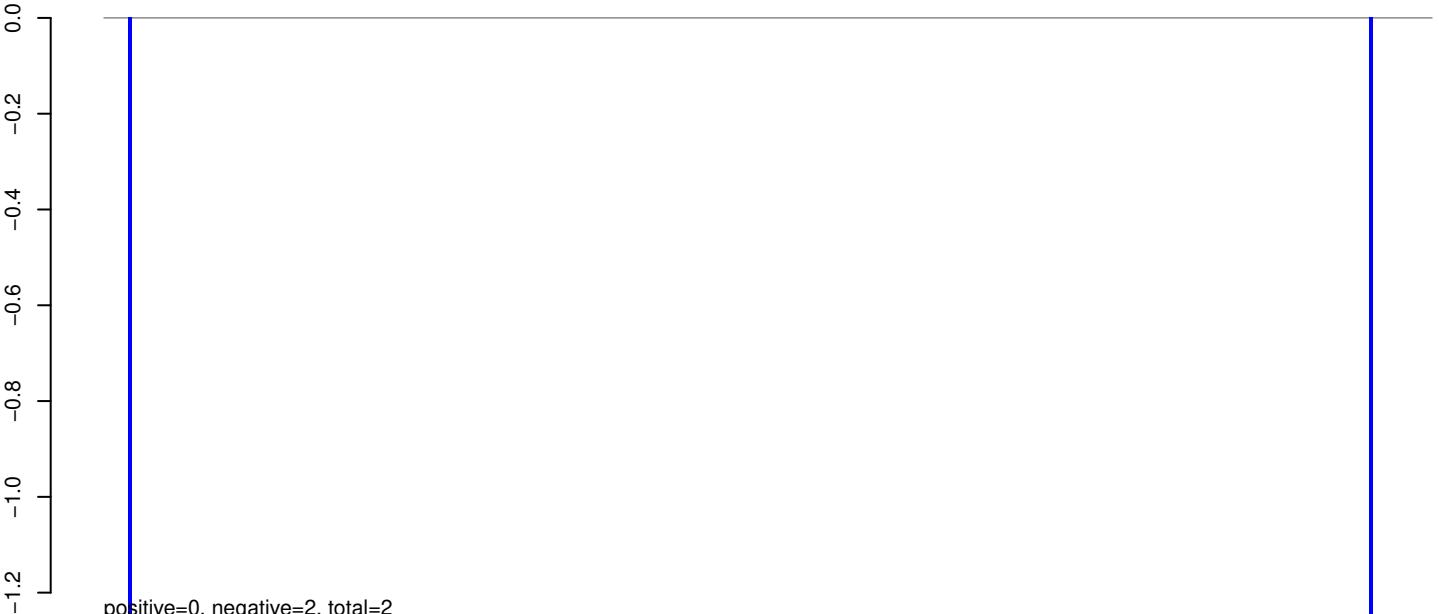


### AeAeg\_Whole\_sm\_r123\_JM.rep



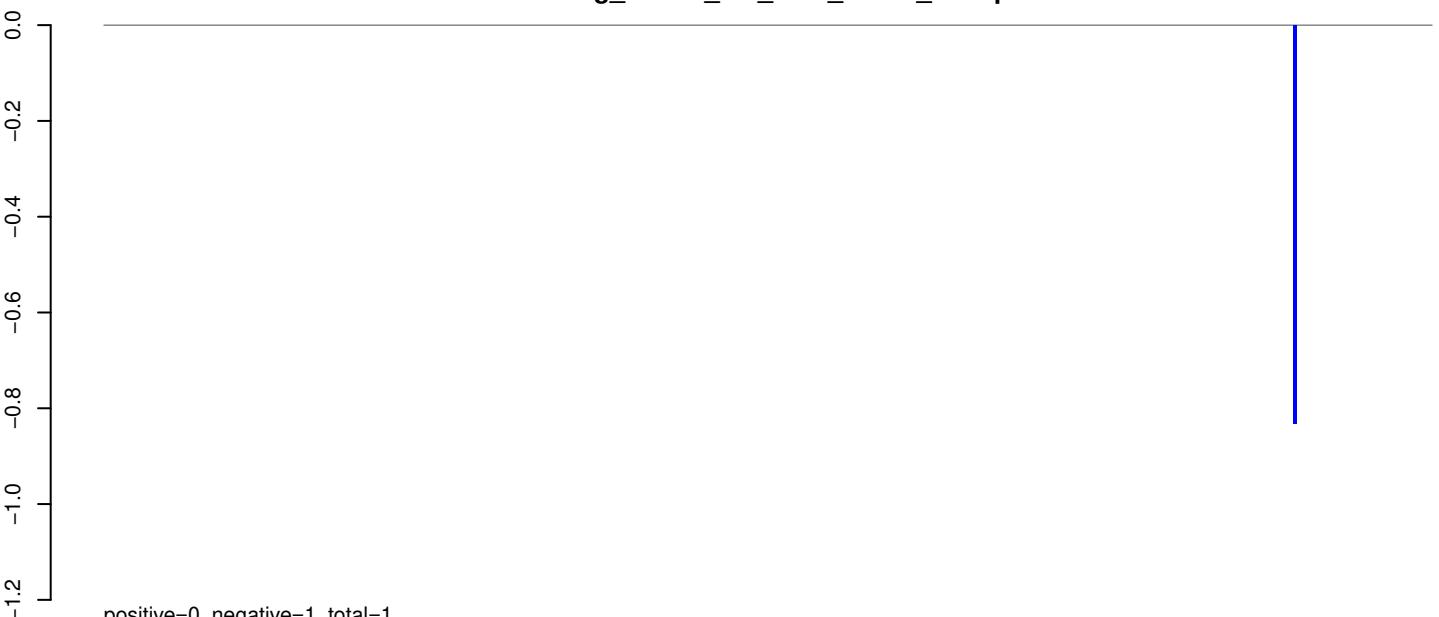
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

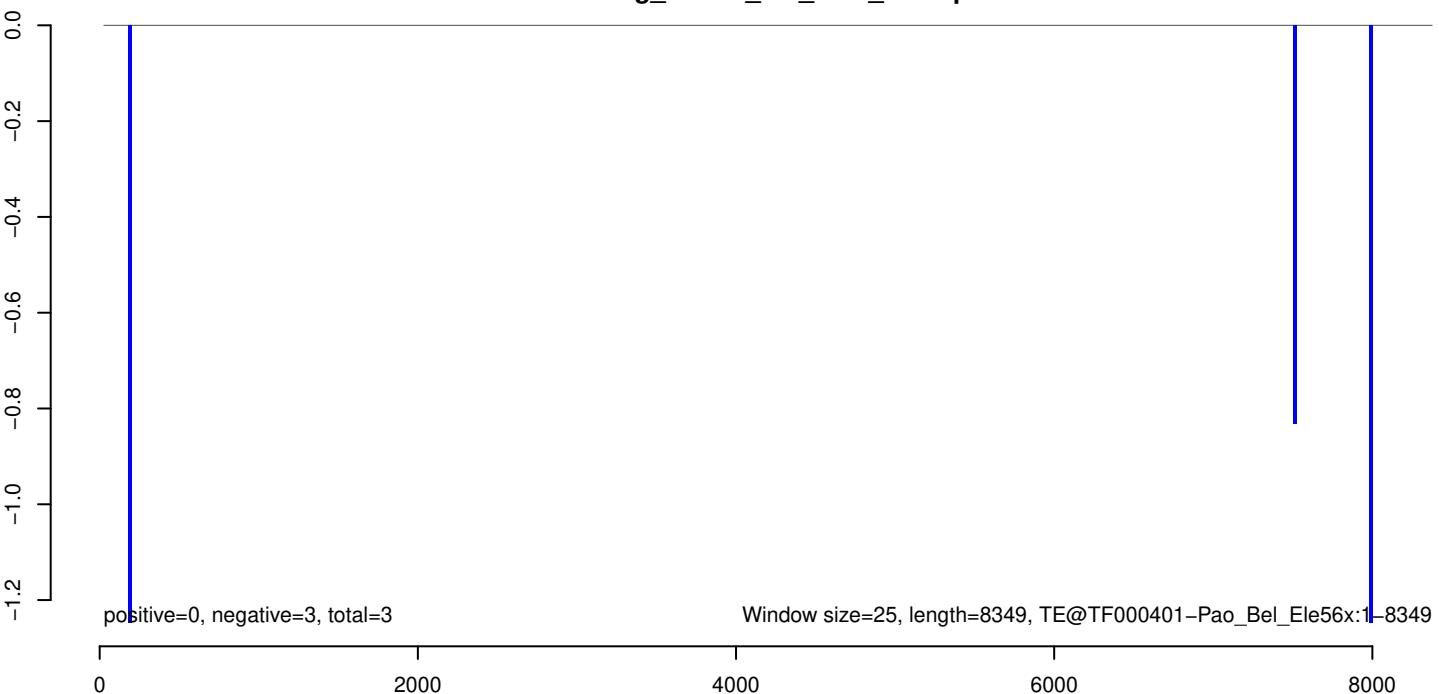
positive=0, negative=1, total=1



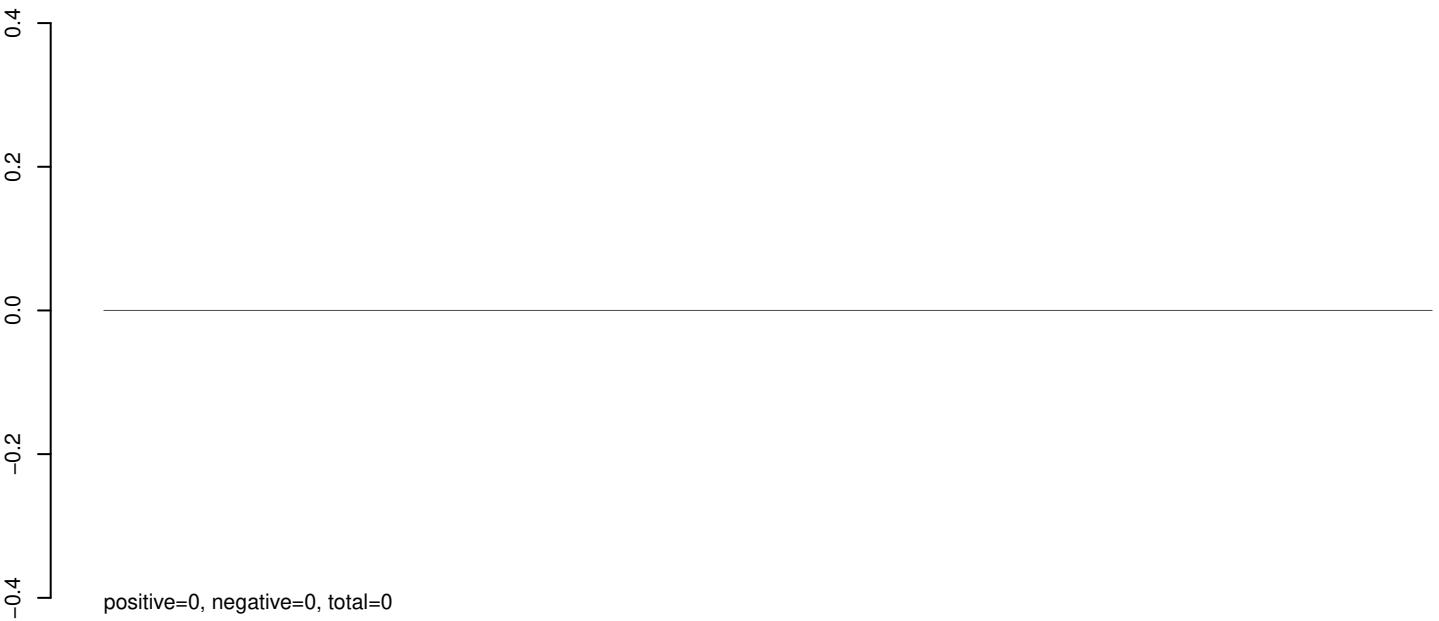
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=3, total=3

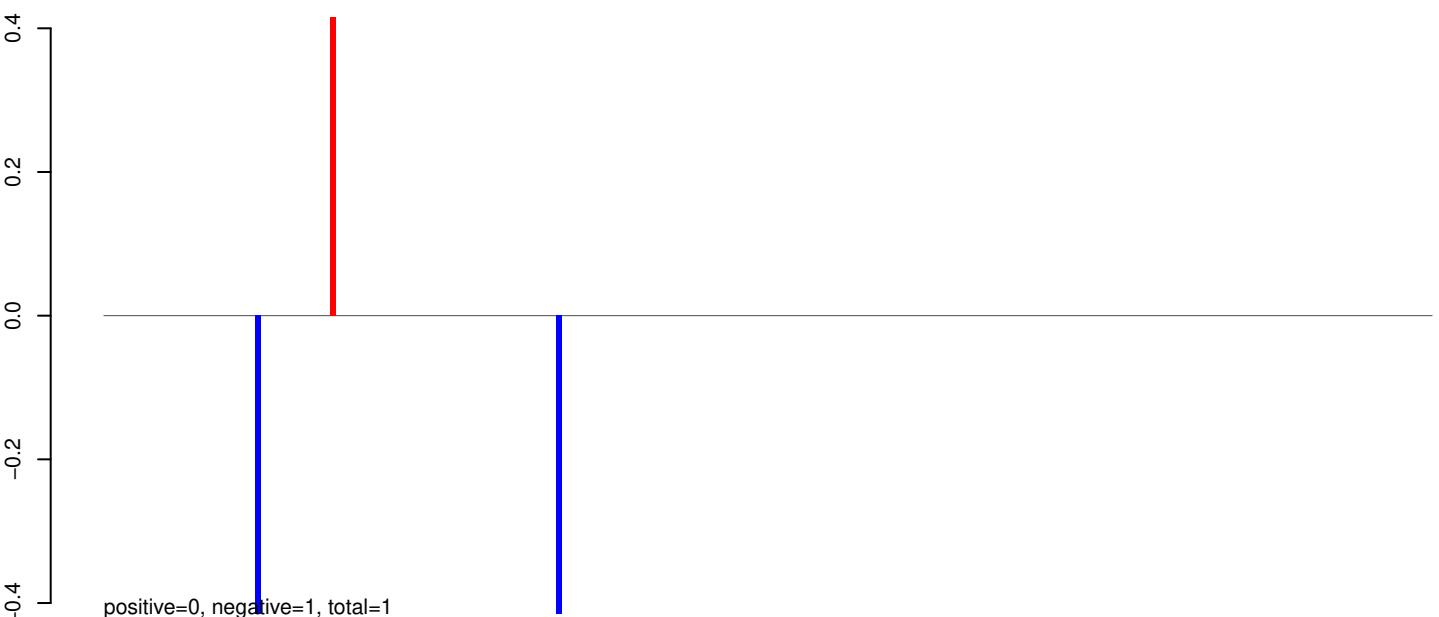
Window size=25, length=8349, TE@TF000401-Pao\_Bel\_Ele56x:1 8349



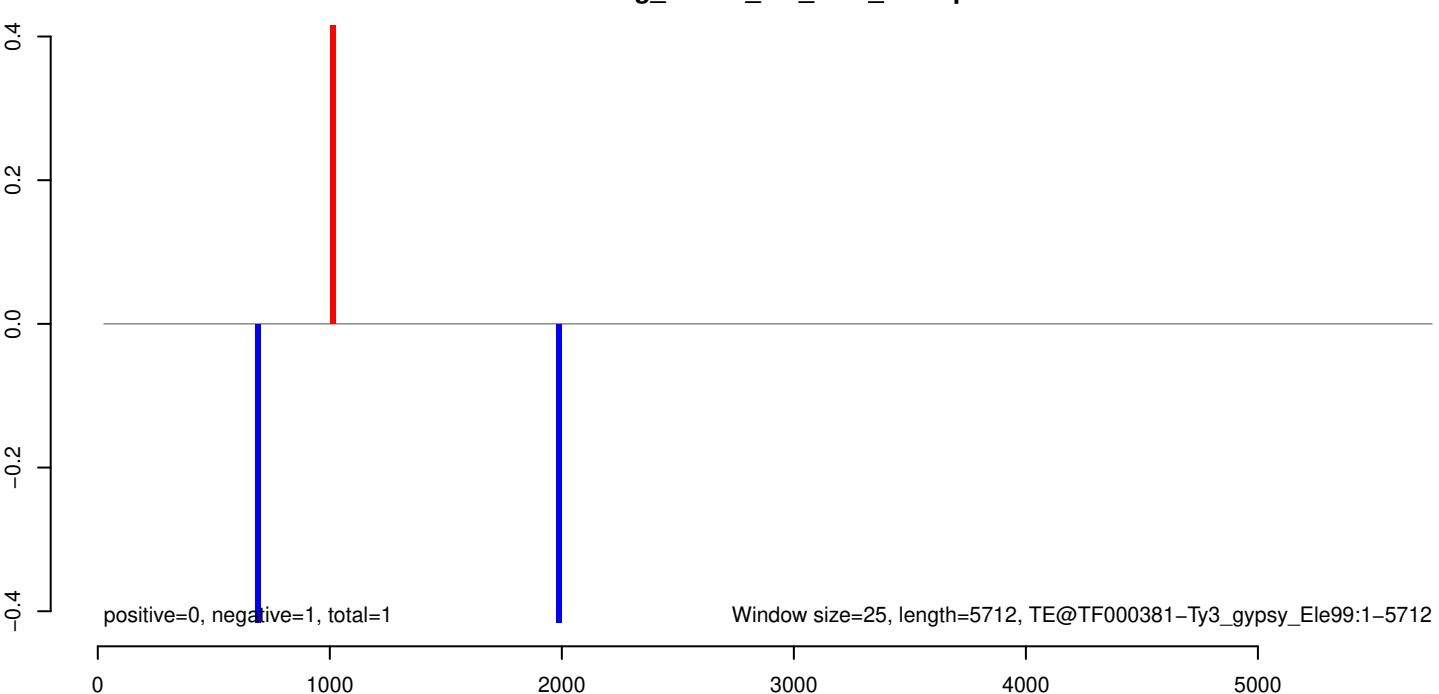
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



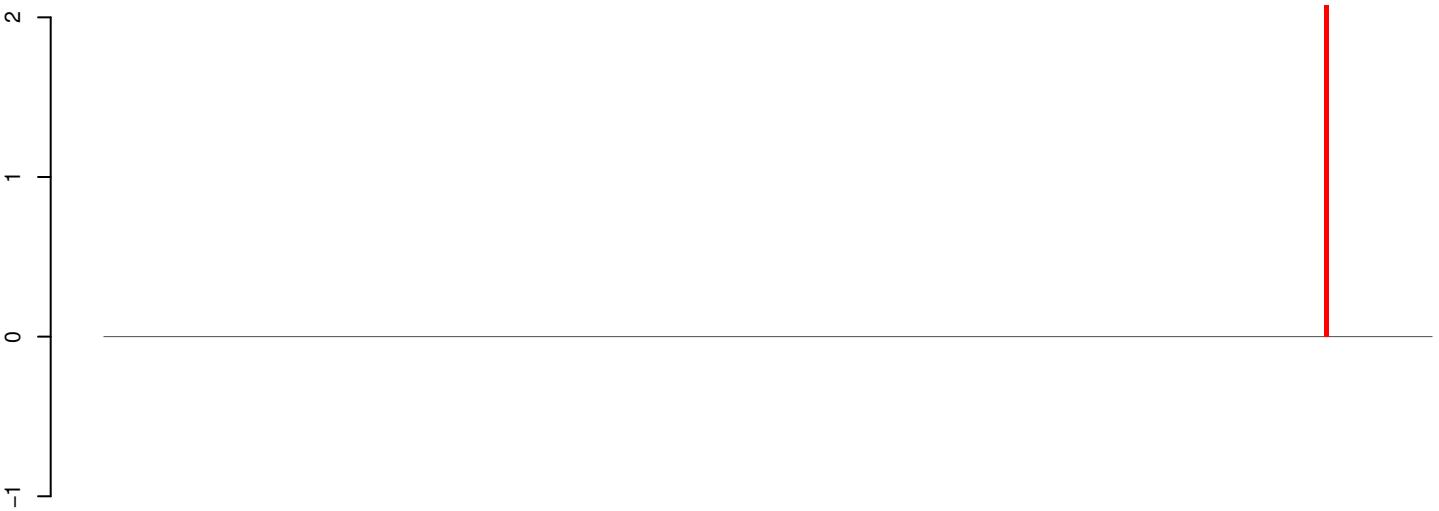
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

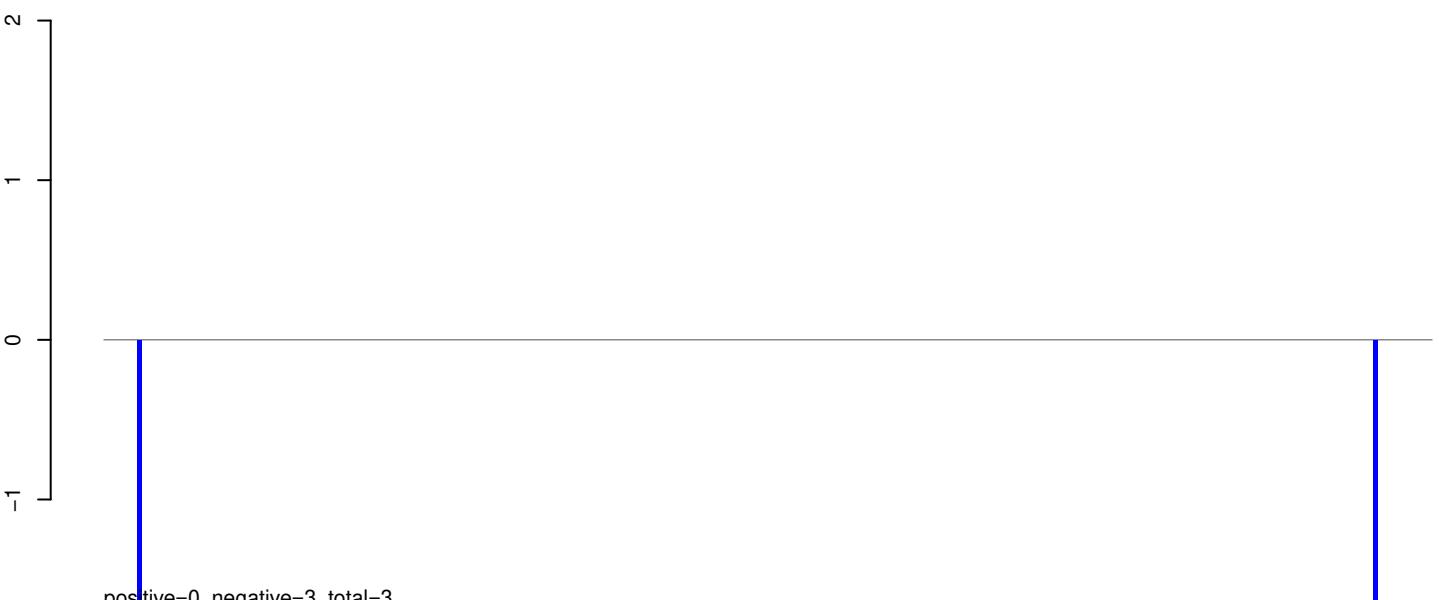


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



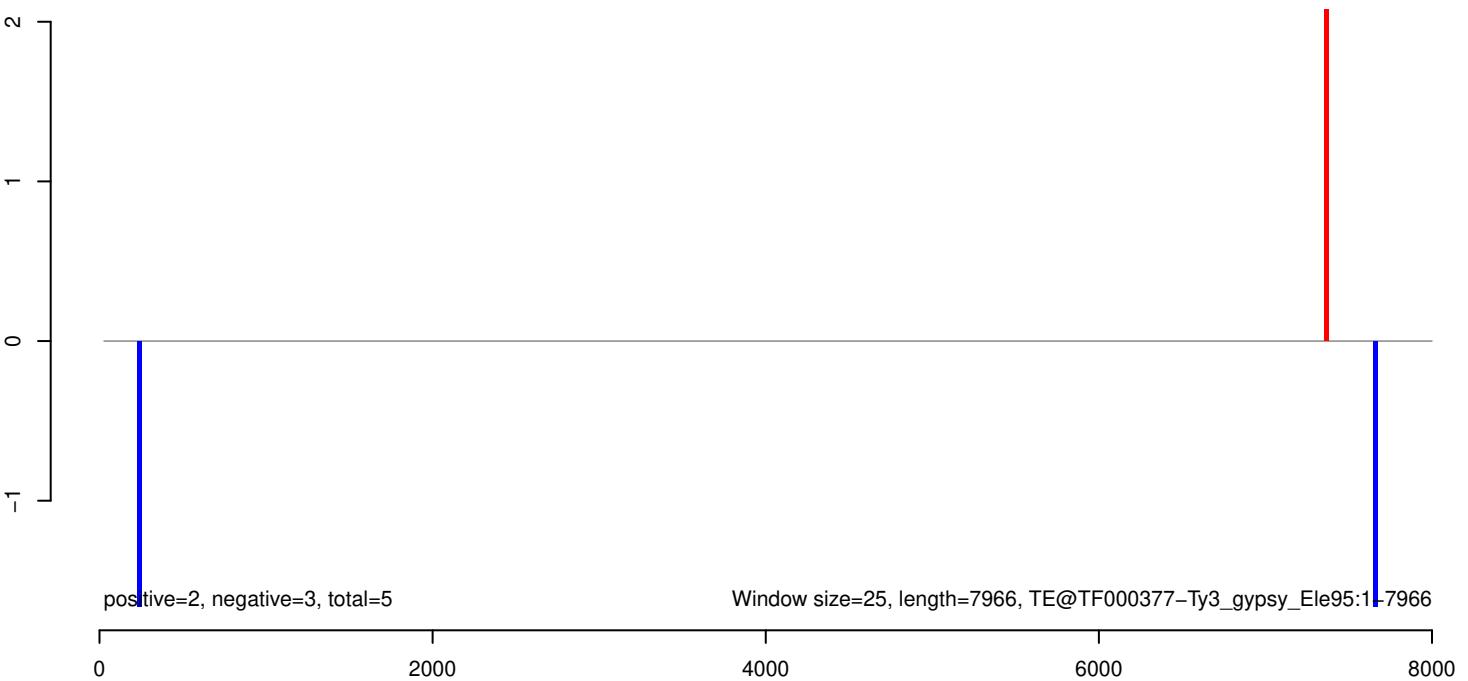
positive=2, negative=0, total=2

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=3, total=3

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=2, negative=3, total=5

Window size=25, length=7966, TE@TF000377-Ty3\_gypsy\_Ele95:1-7966

0 2000 4000 6000 8000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

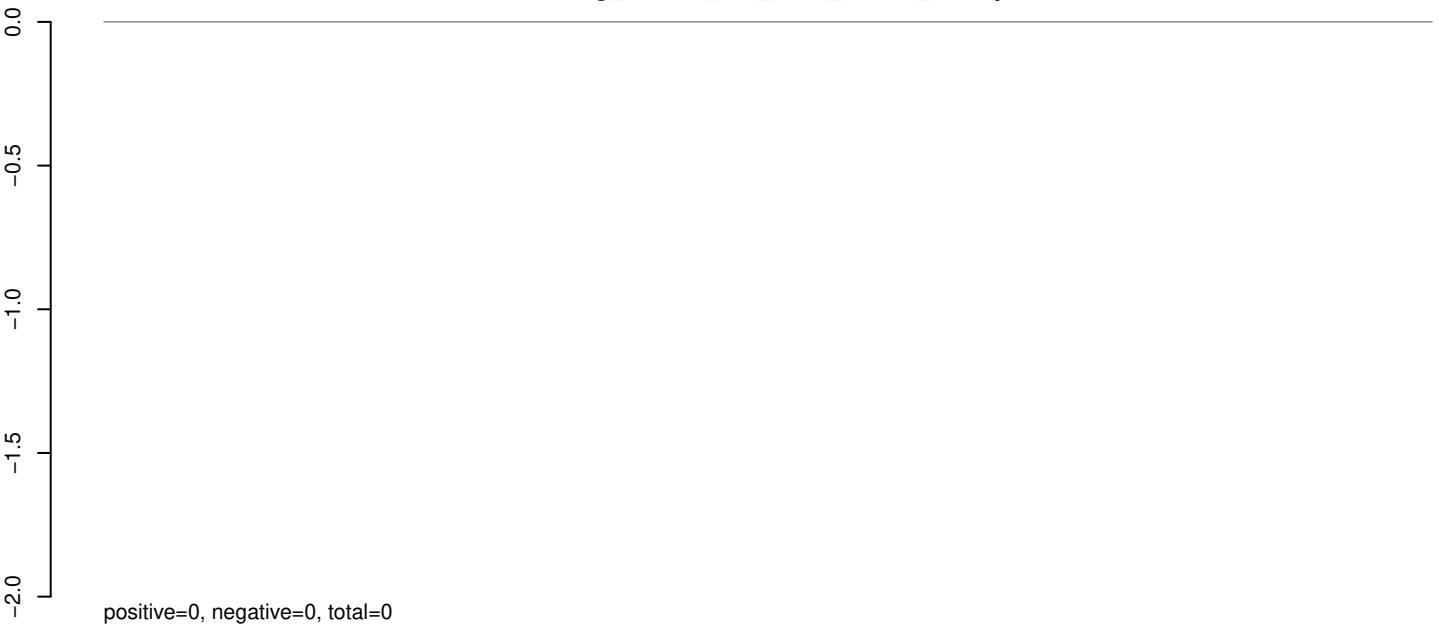
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

Window size=25, length=8965, TE@TF000374-Ty3\_gypsy\_Ele92:1-8965

0 2000 4000 6000 8000

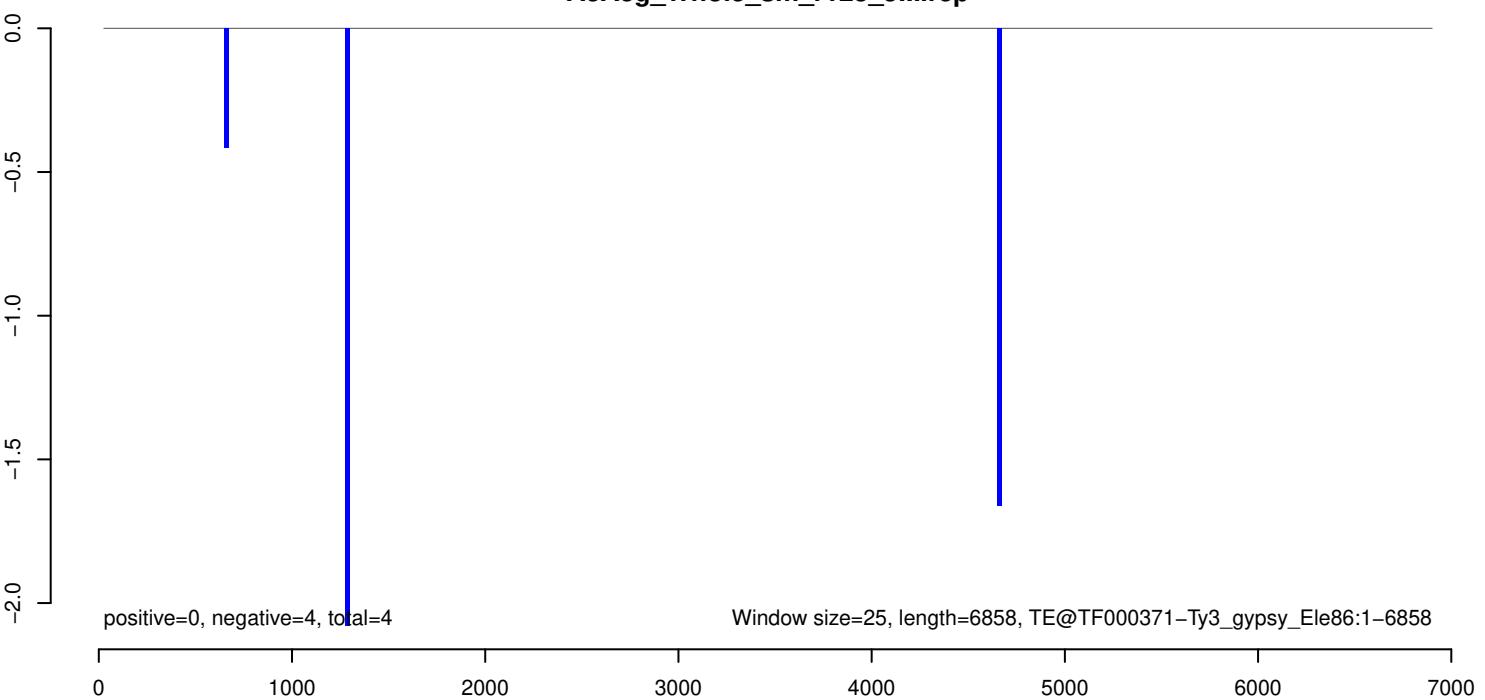
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



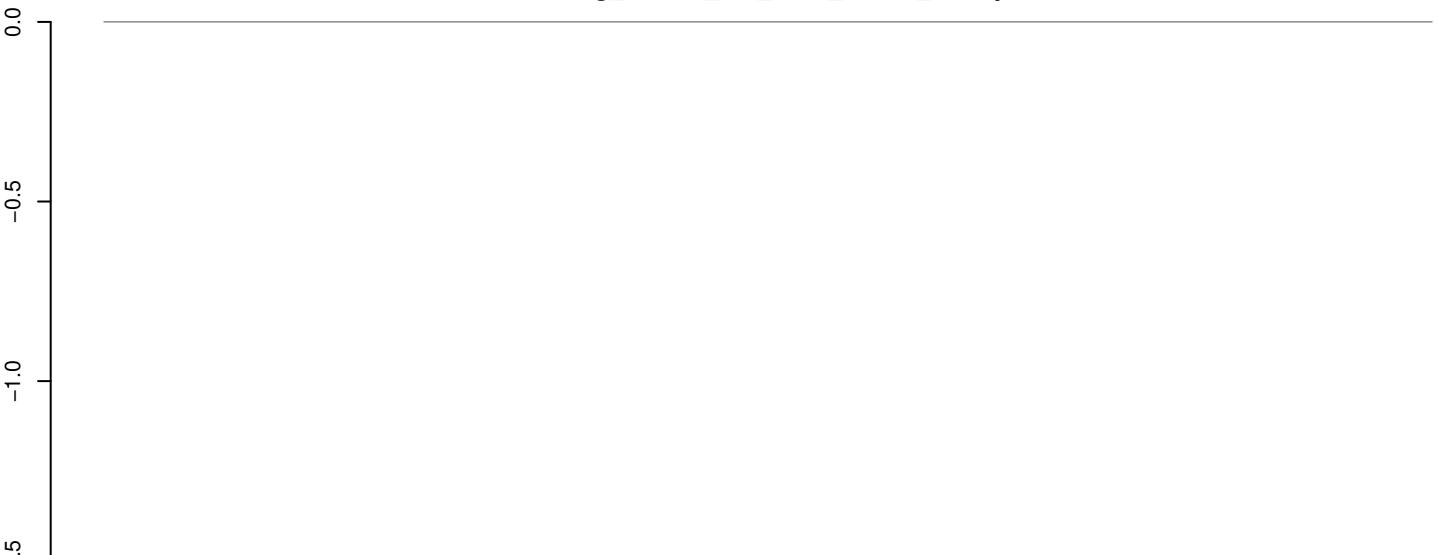
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



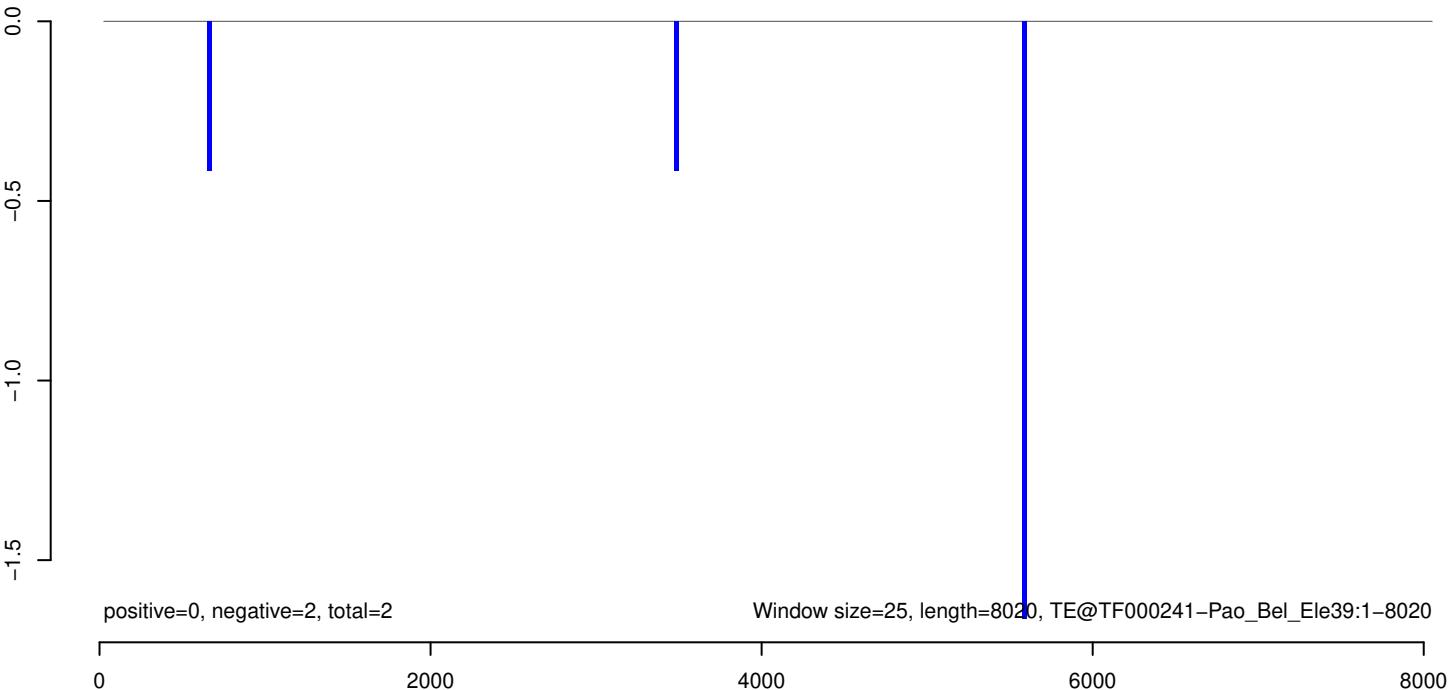
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

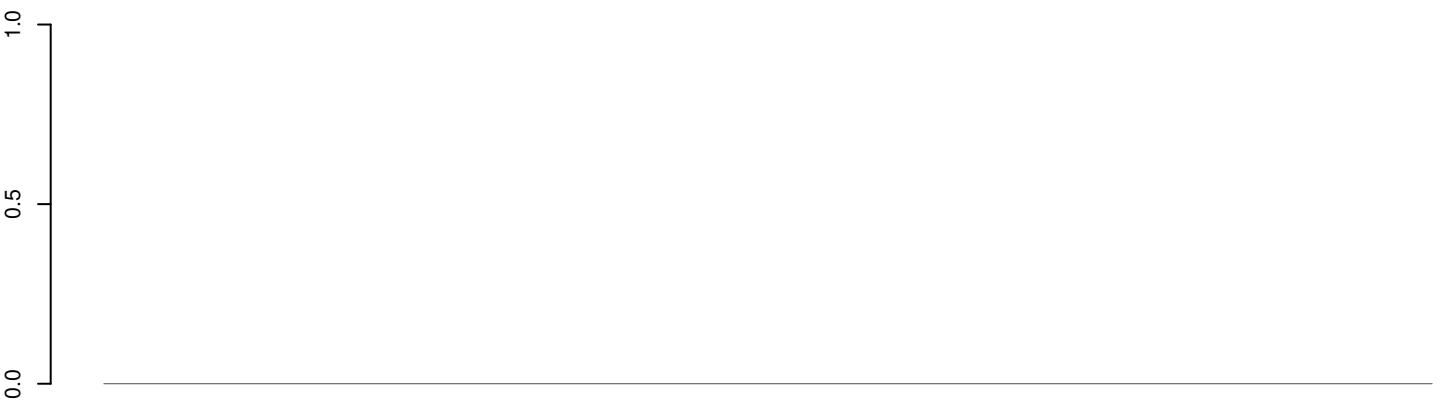


positive=0, negative=2, total=2

Window size=25, length=8020, TE@TF000241-Pao\_Bel\_Ele39:1-8020

0 2000 4000 6000 8000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



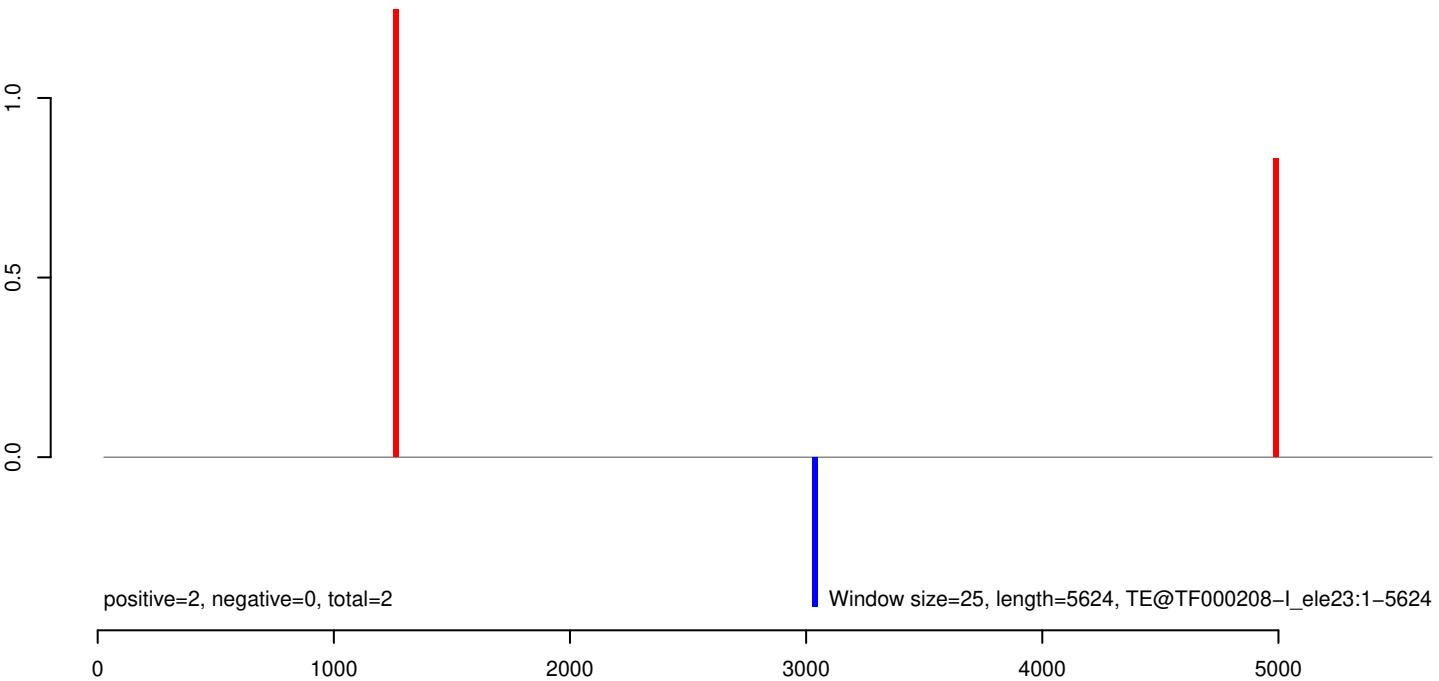
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=0, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=2, negative=0, total=2

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

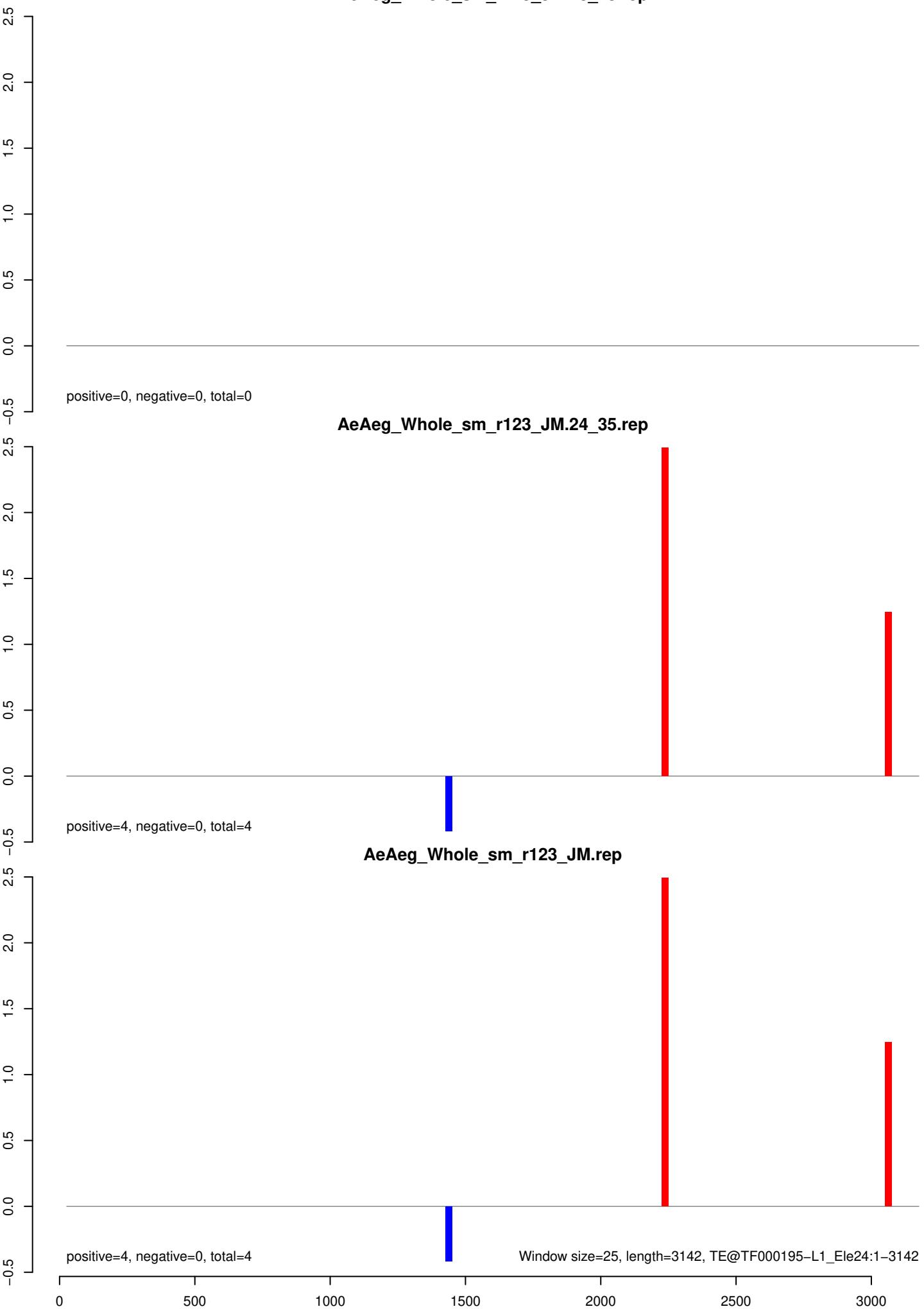
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=4, negative=0, total=4

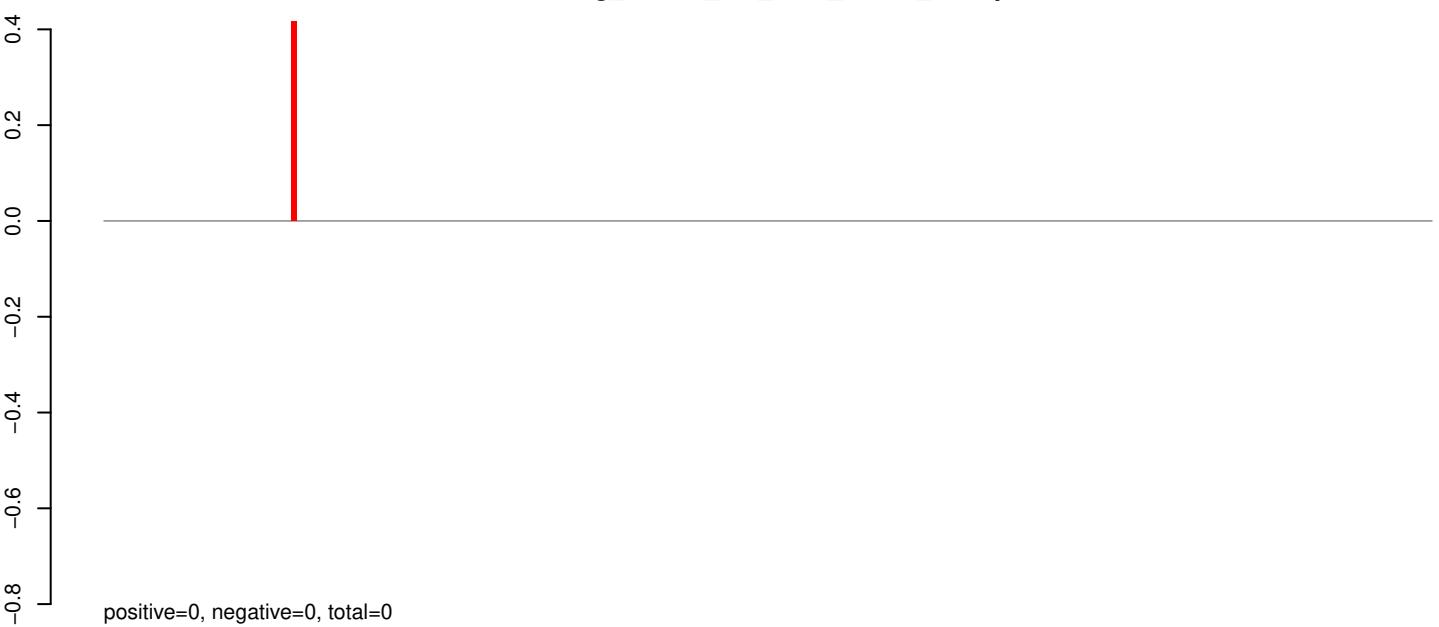
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=4, negative=0, total=4

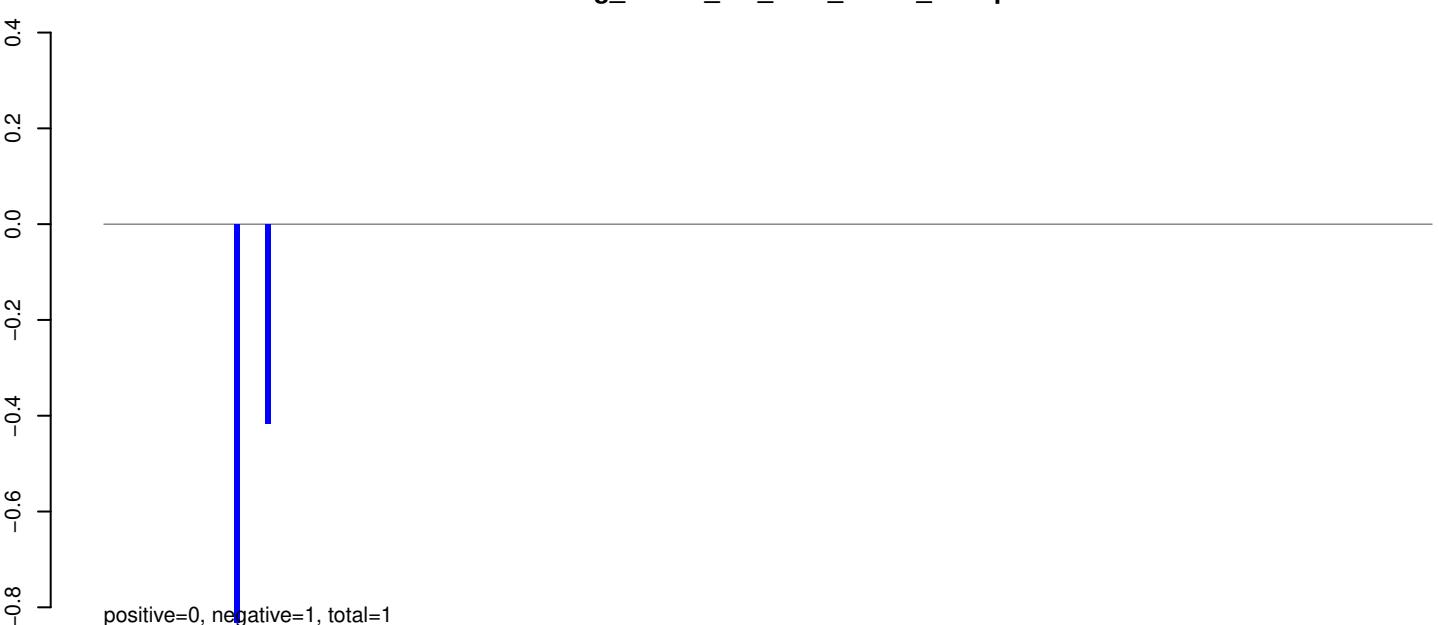
Window size=25, length=3142, TE@TF000195-L1\_Ele24:1-3142



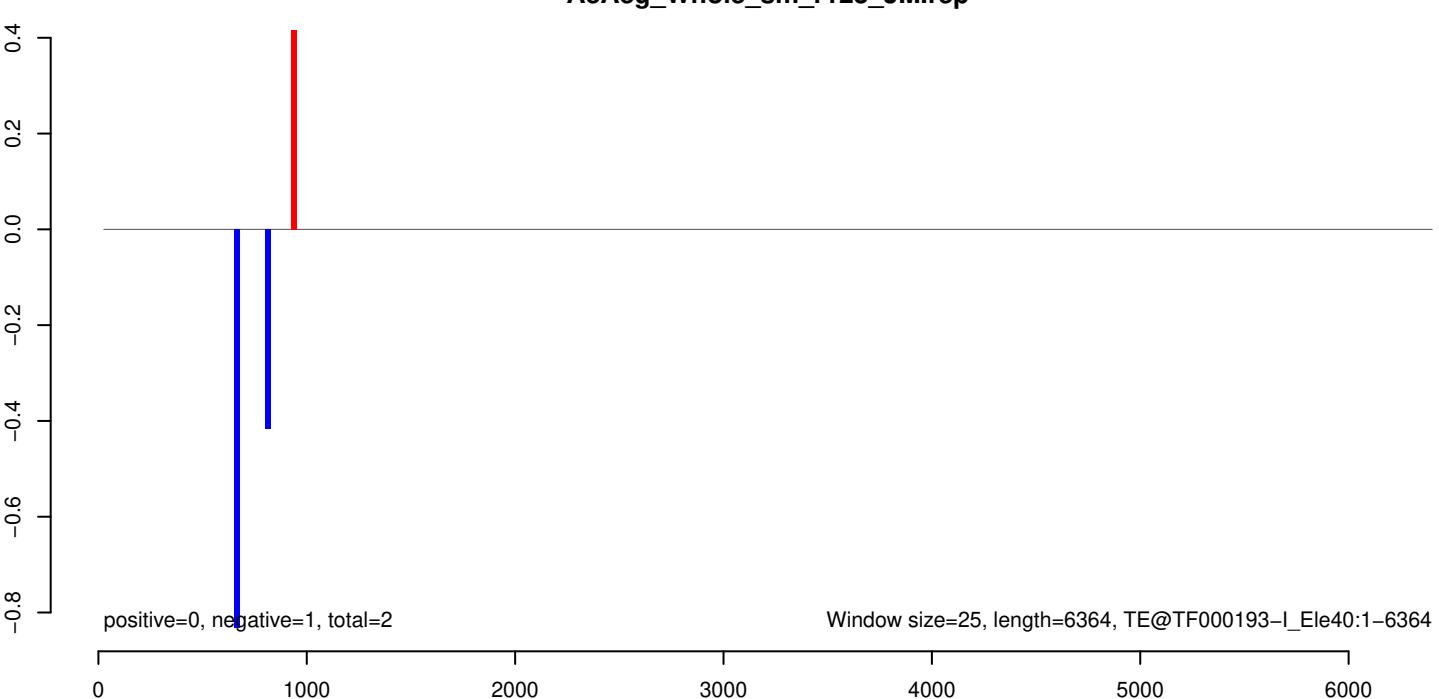
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

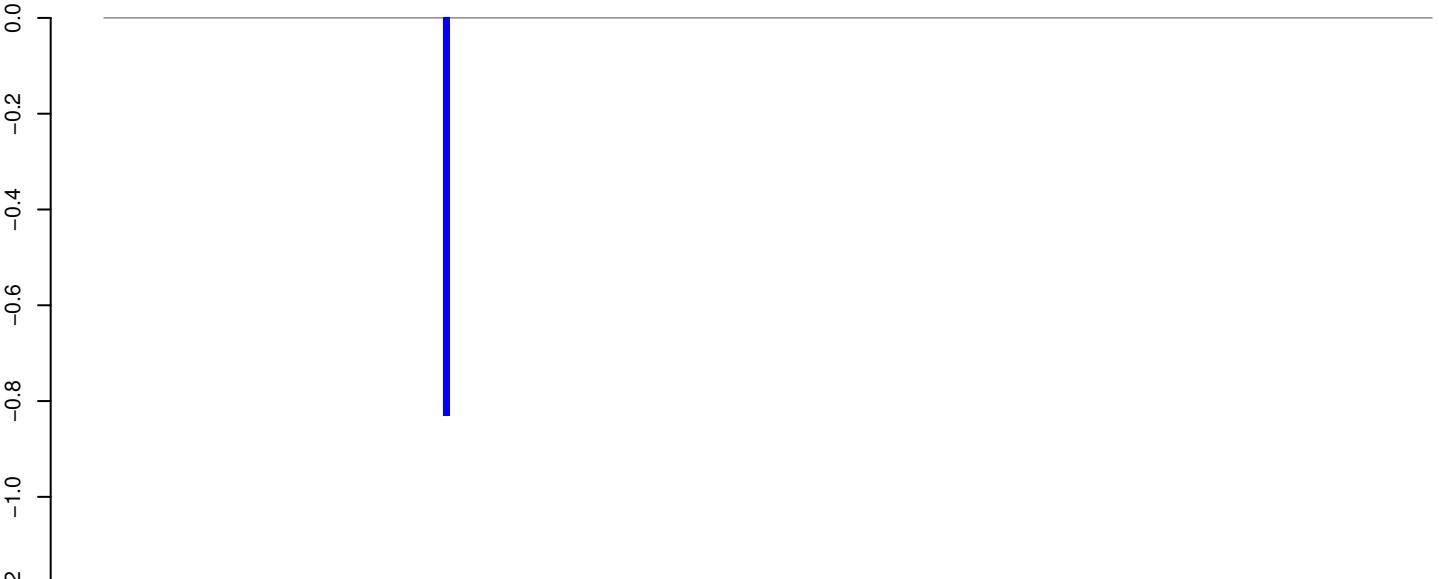


### AeAeg\_Whole\_sm\_r123\_JM.rep



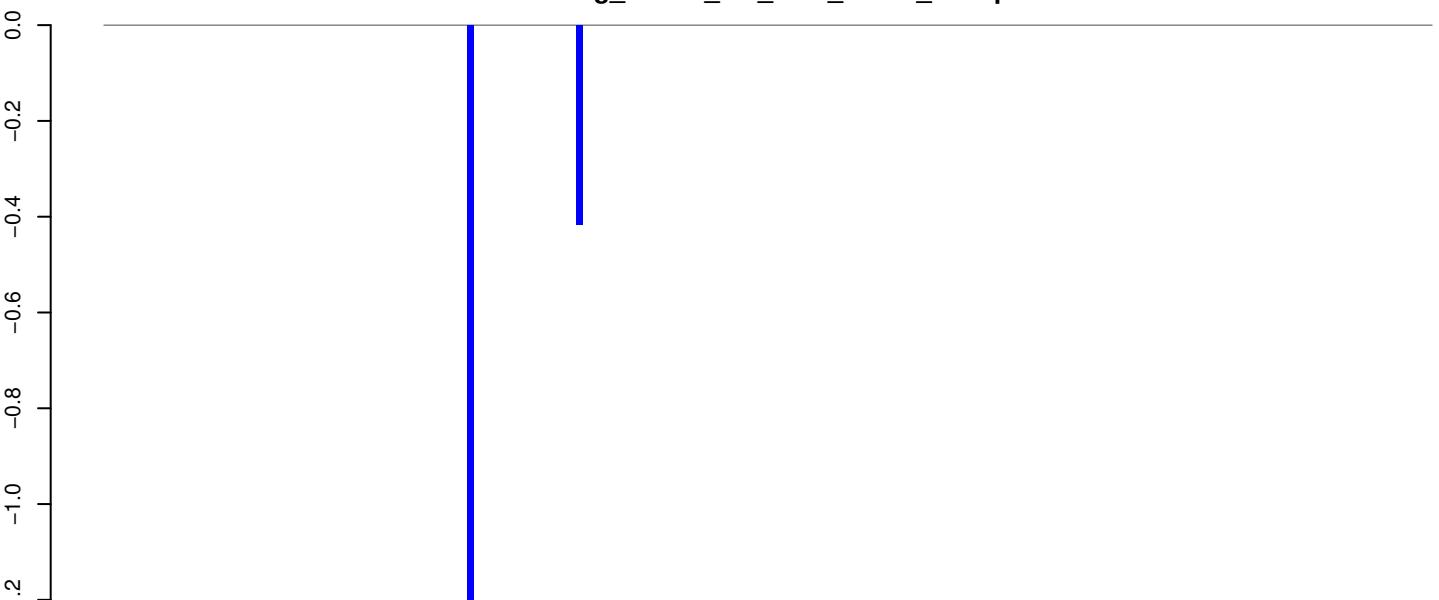
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

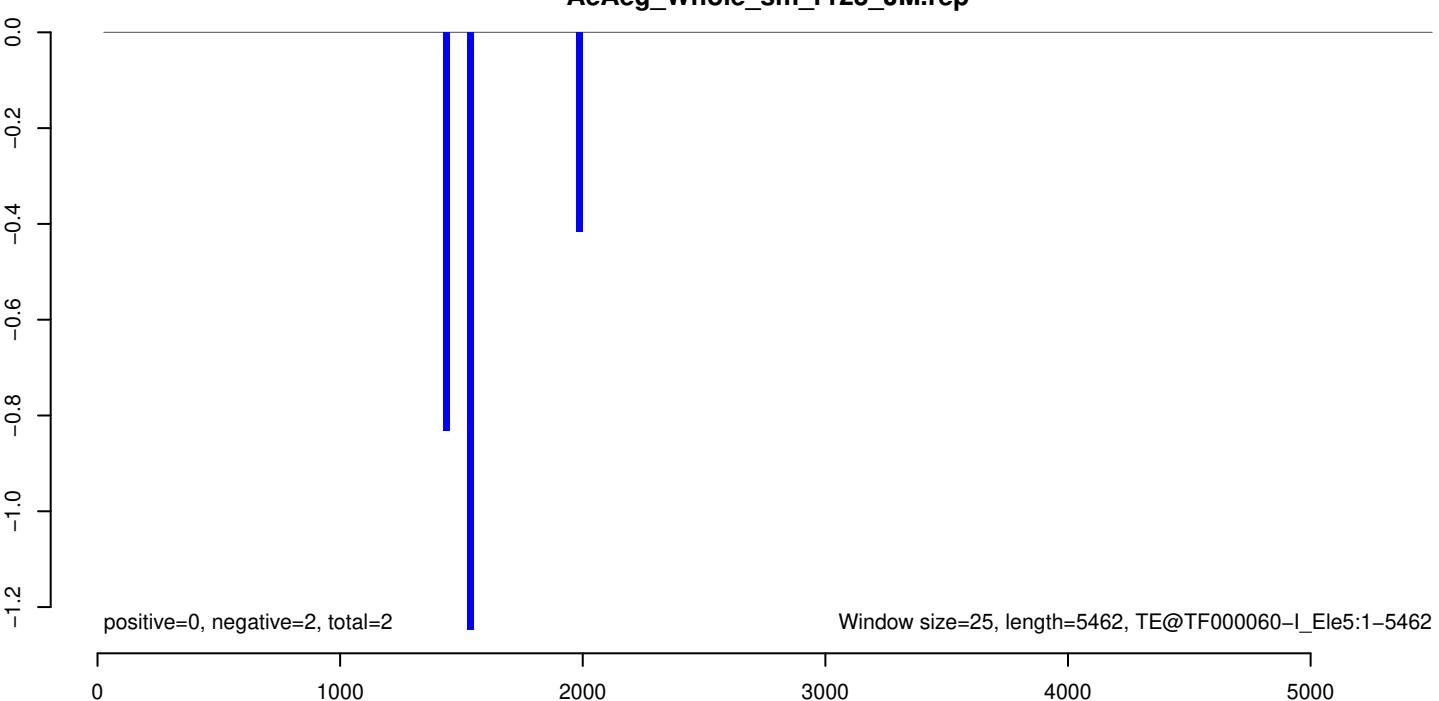
positive=0, negative=2, total=2



### AeAeg\_Whole\_sm\_r123\_JM.rep

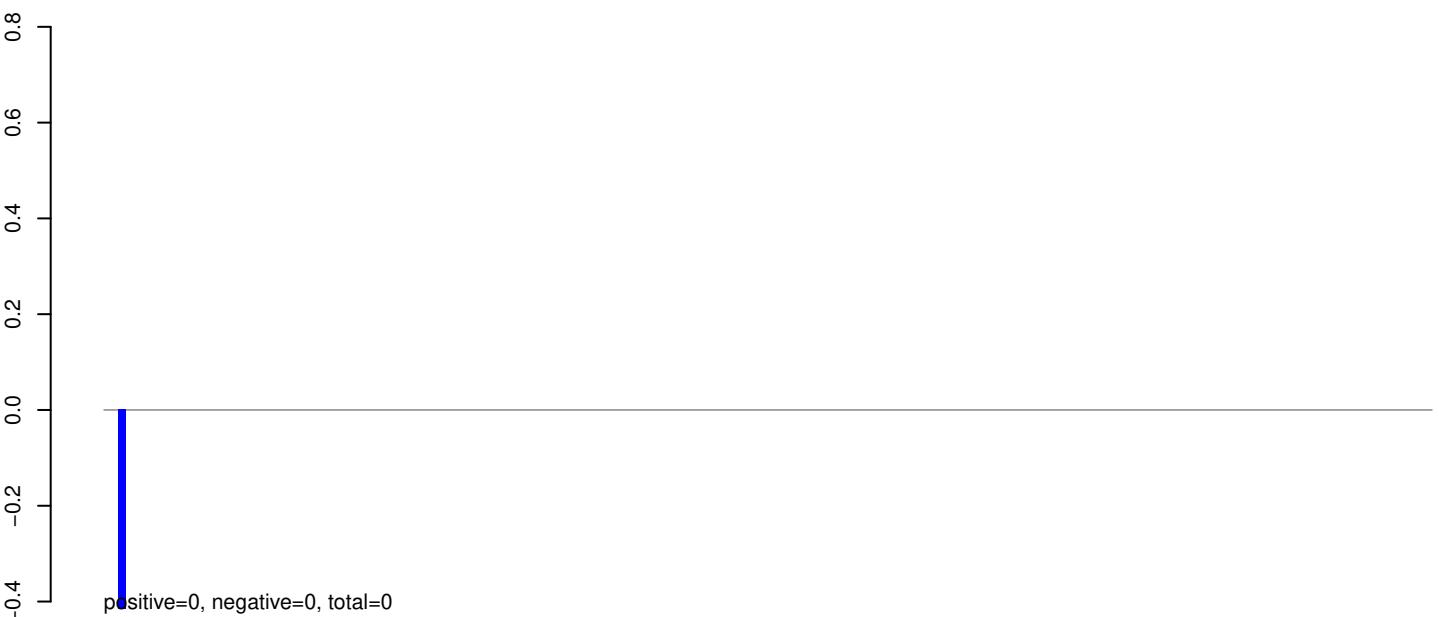
positive=0, negative=2, total=2

Window size=25, length=5462, TE@TF000060-l\_Ele5:1-5462



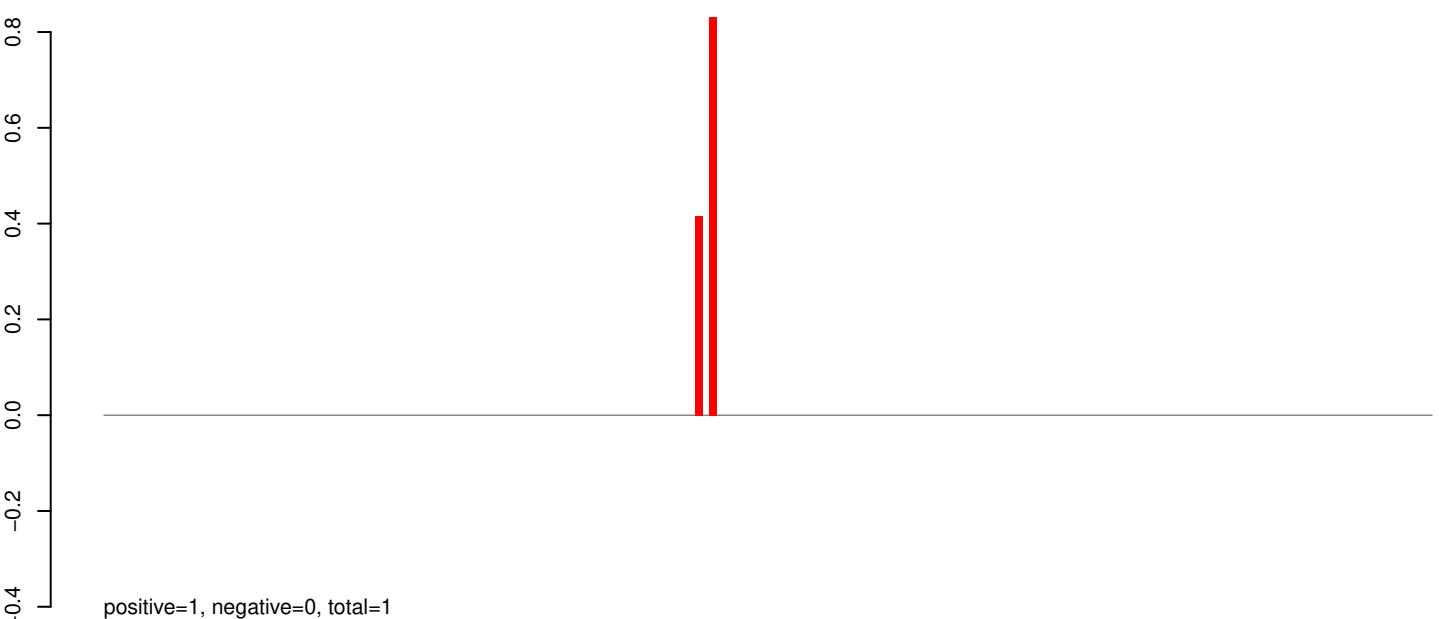
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



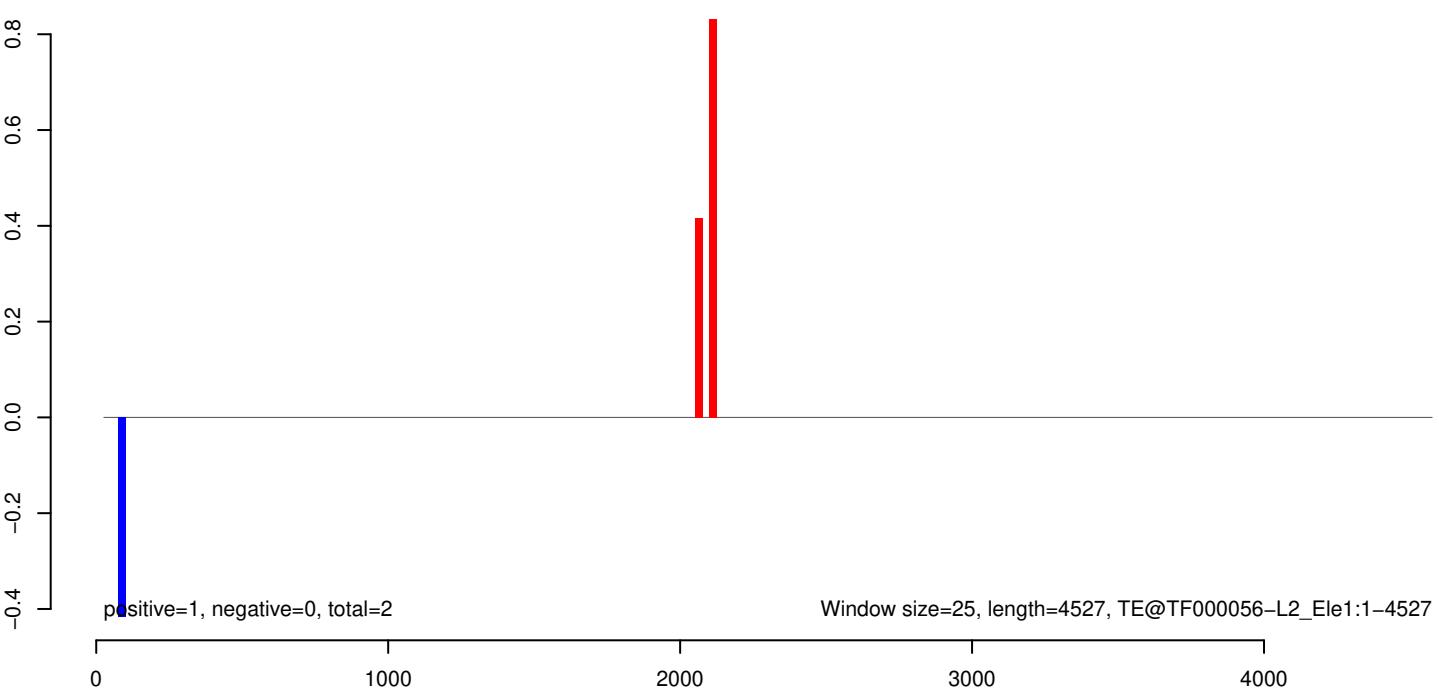
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=0, total=1



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=0, total=2



AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=7, total=7

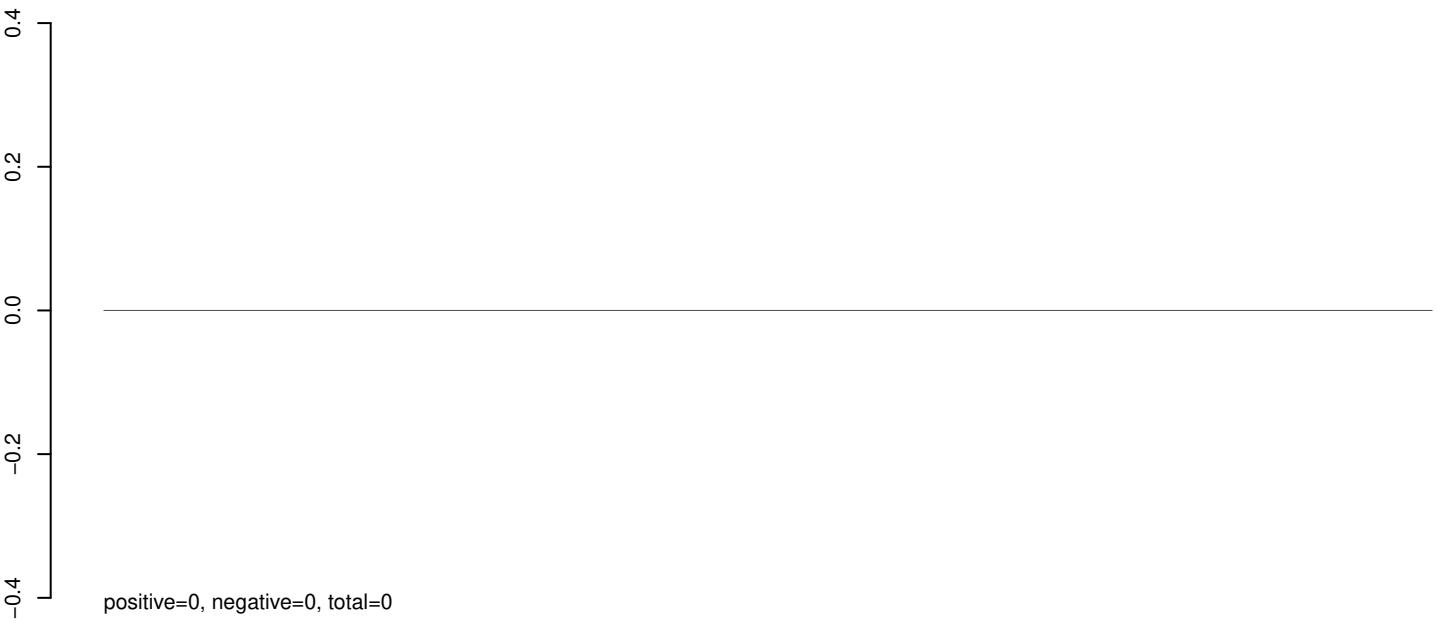
AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=7, total=7

Window size=25, length=4385, TE@TF000031-L2\_Ele6:1-4385

0 1000 2000 3000 4000

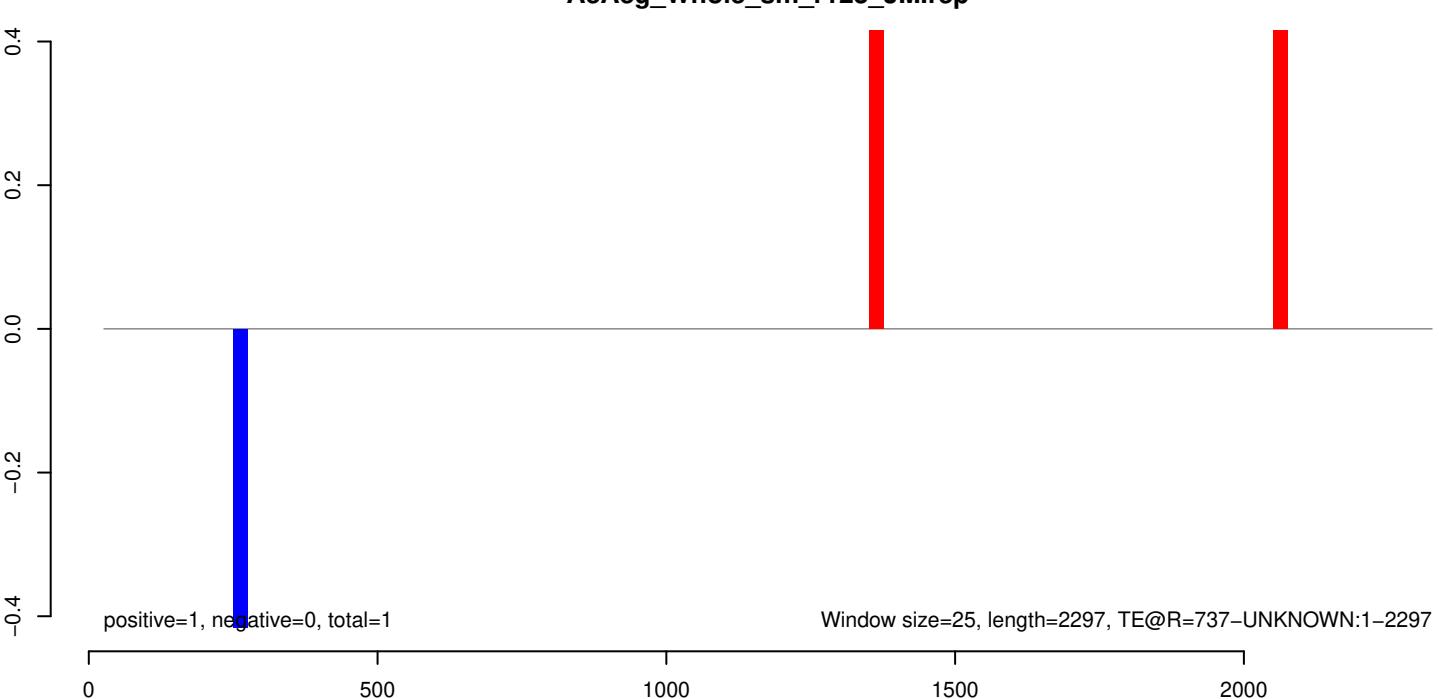
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



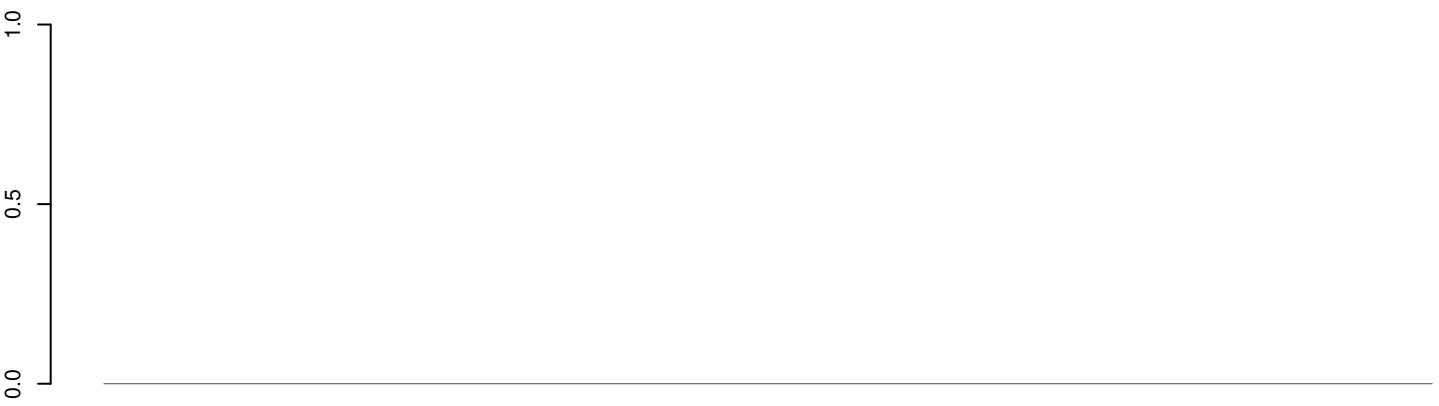
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



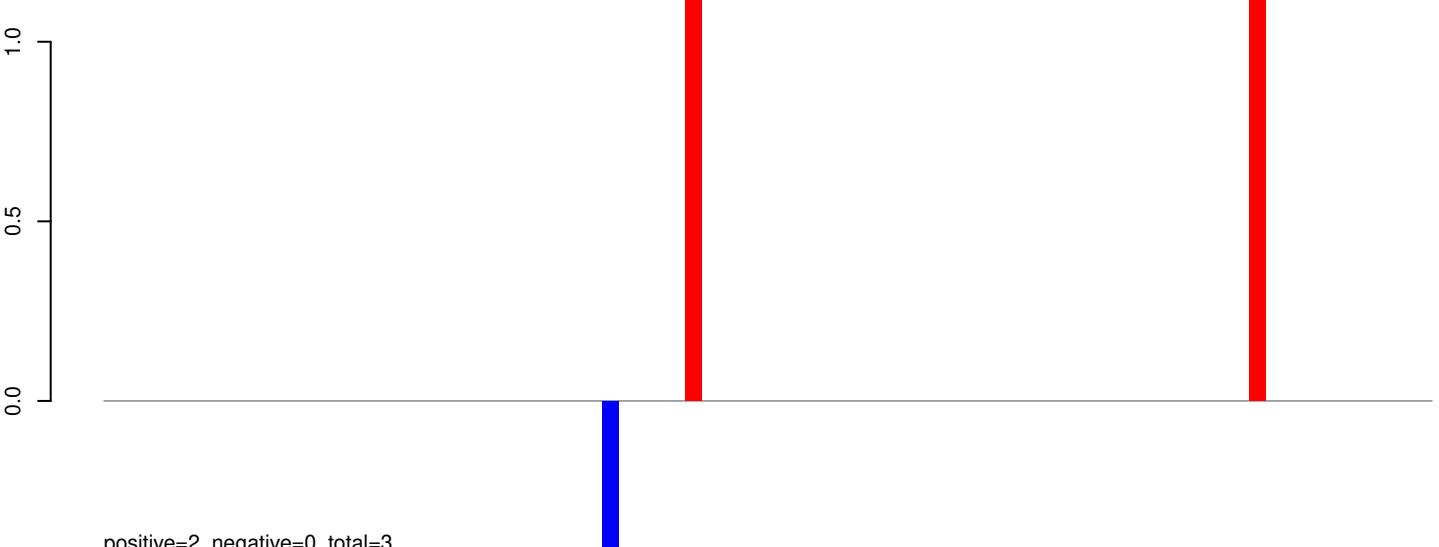
### AeAeg\_Whole\_sm\_r123\_JM.rep



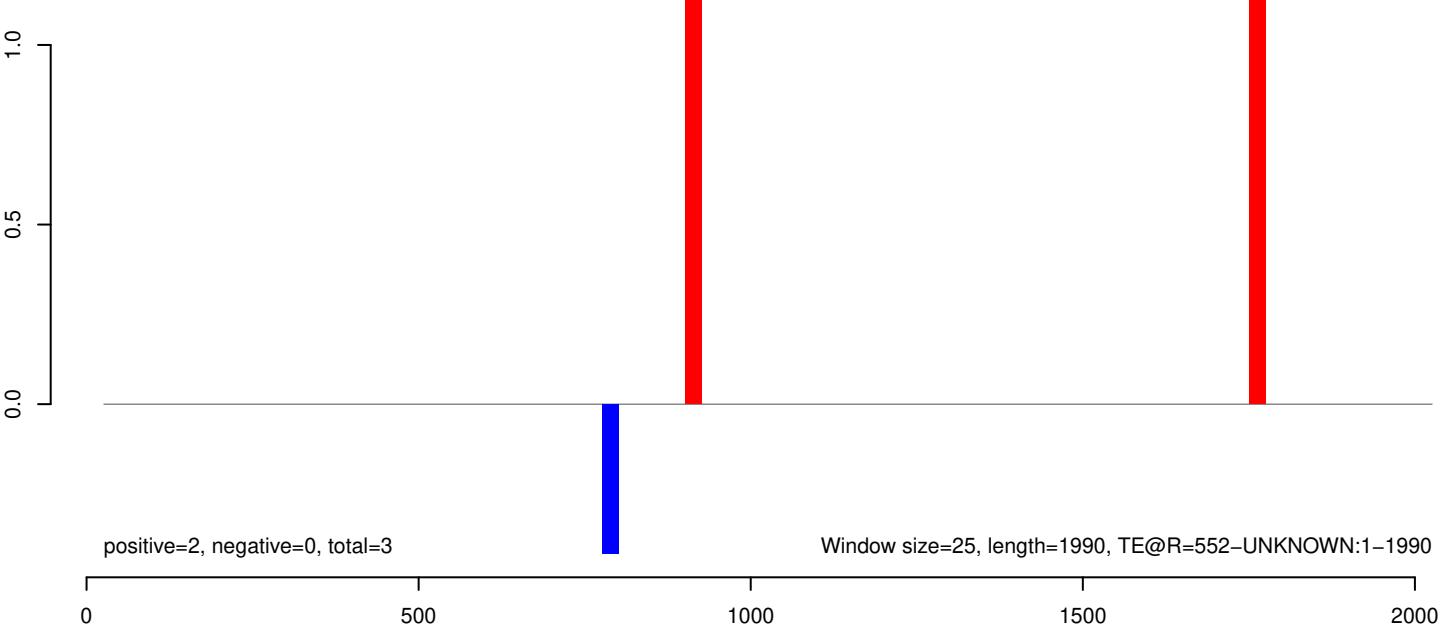
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



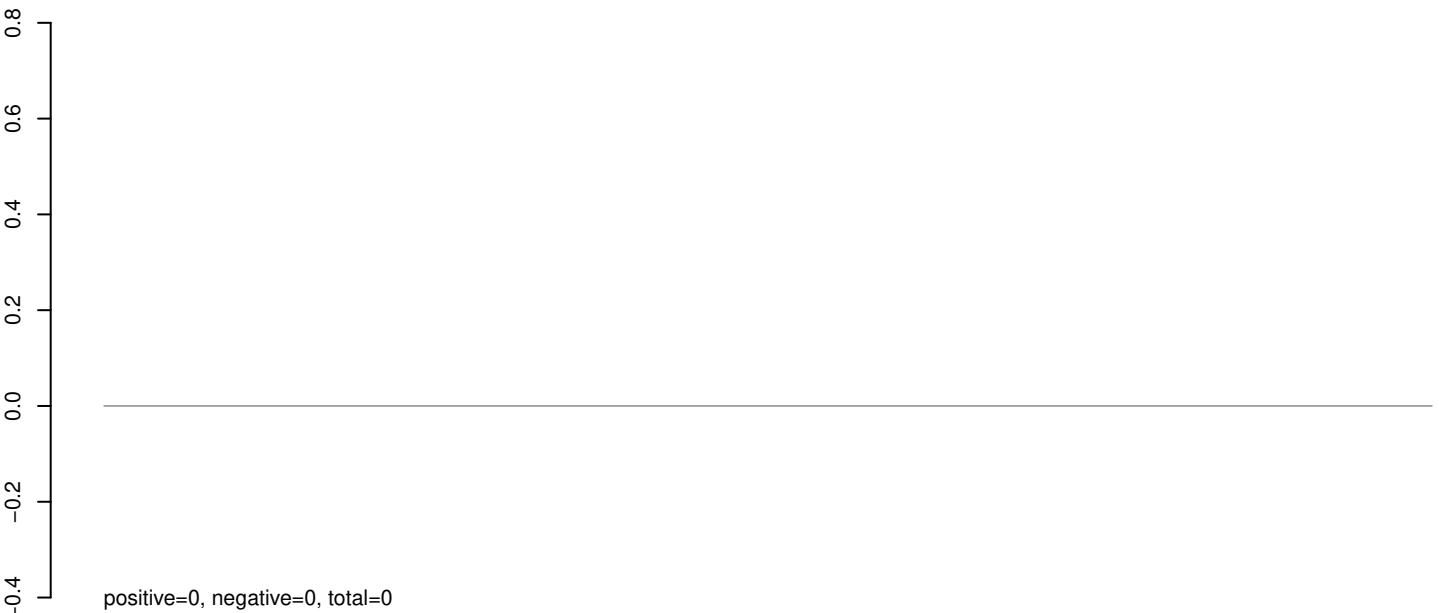
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



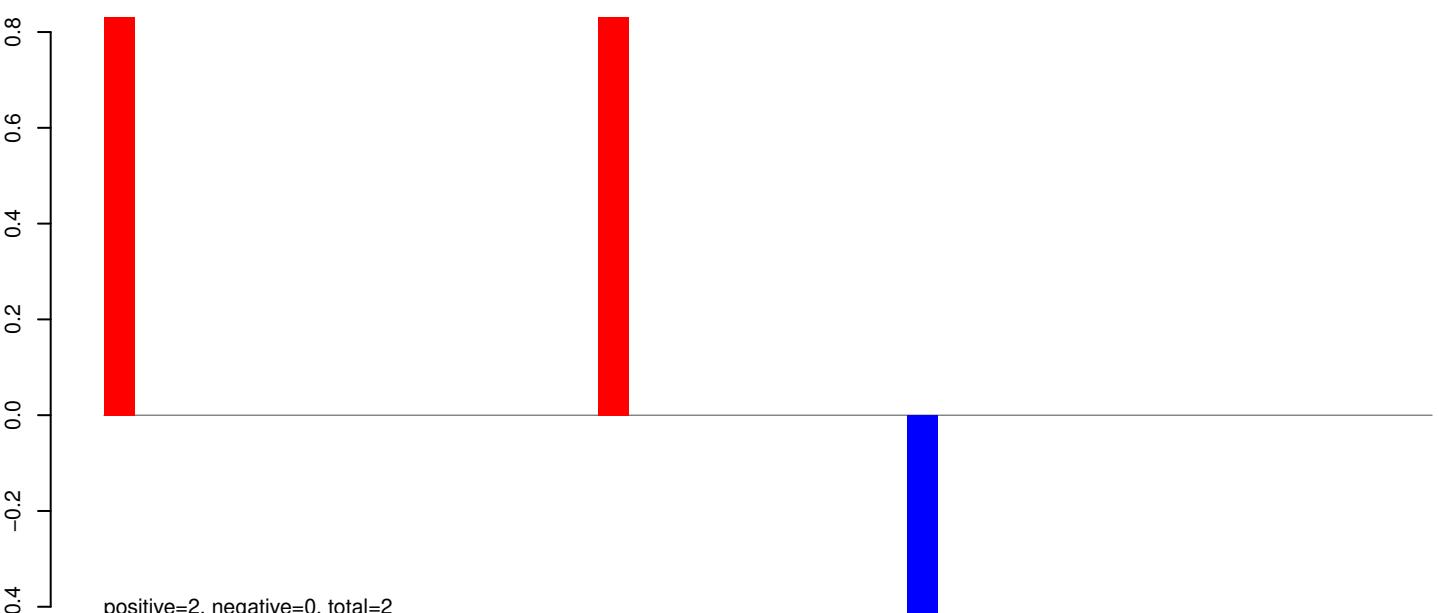
**AeAeg\_Whole\_sm\_r123\_JM.rep**



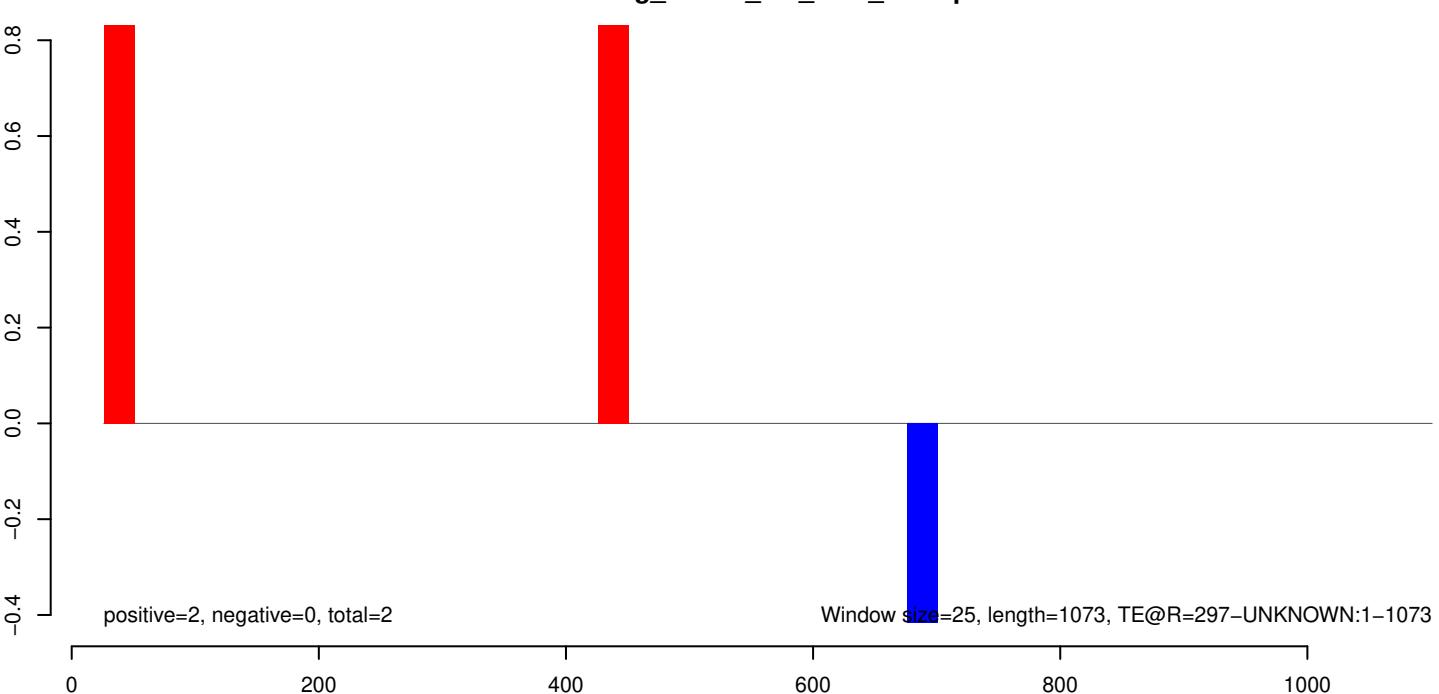
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



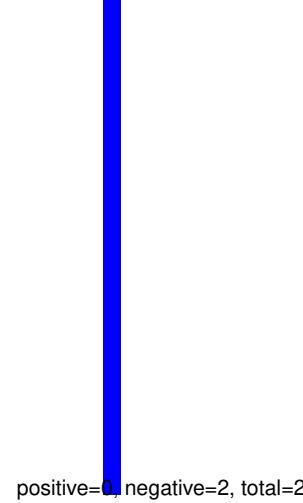
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



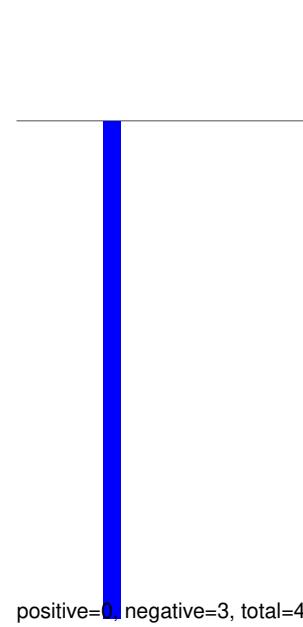
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



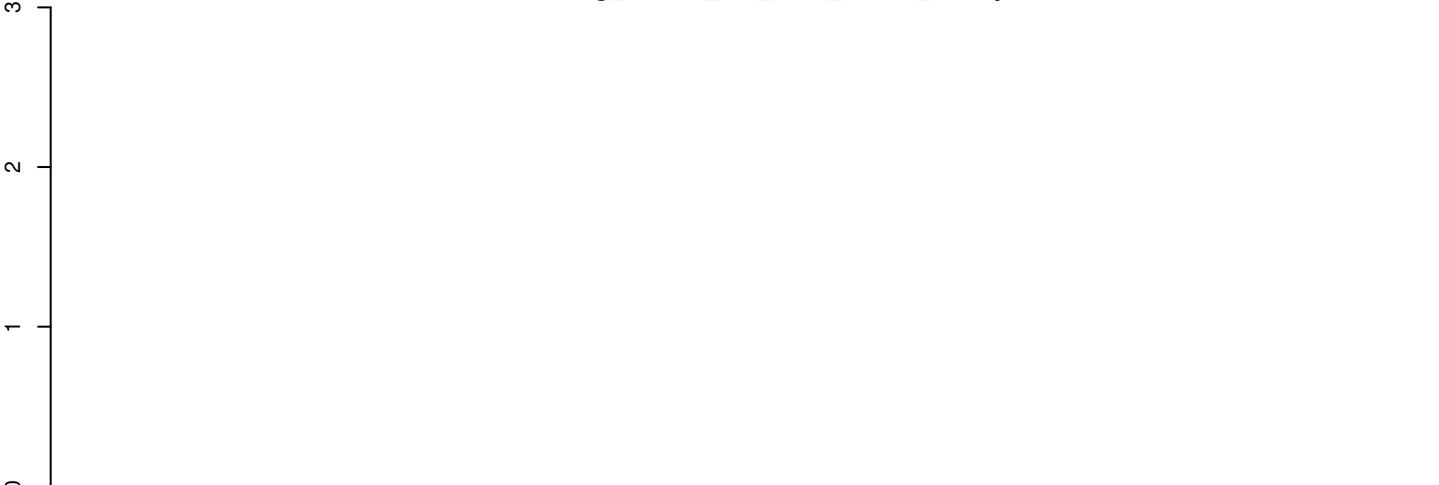
### AeAeg\_Whole\_sm\_r123\_JM.rep



Window size=25, length=1921, TE@R=2444-UNKNOWN:1-1921

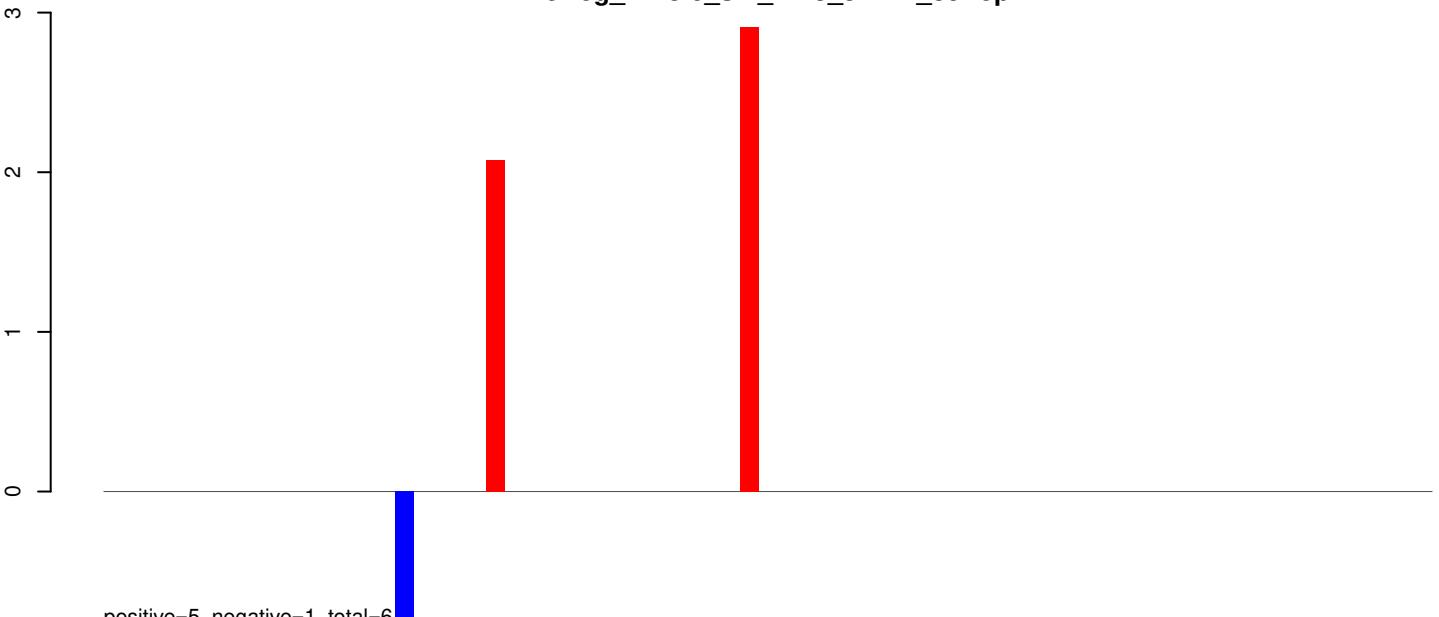
0 500 1000 1500 2000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



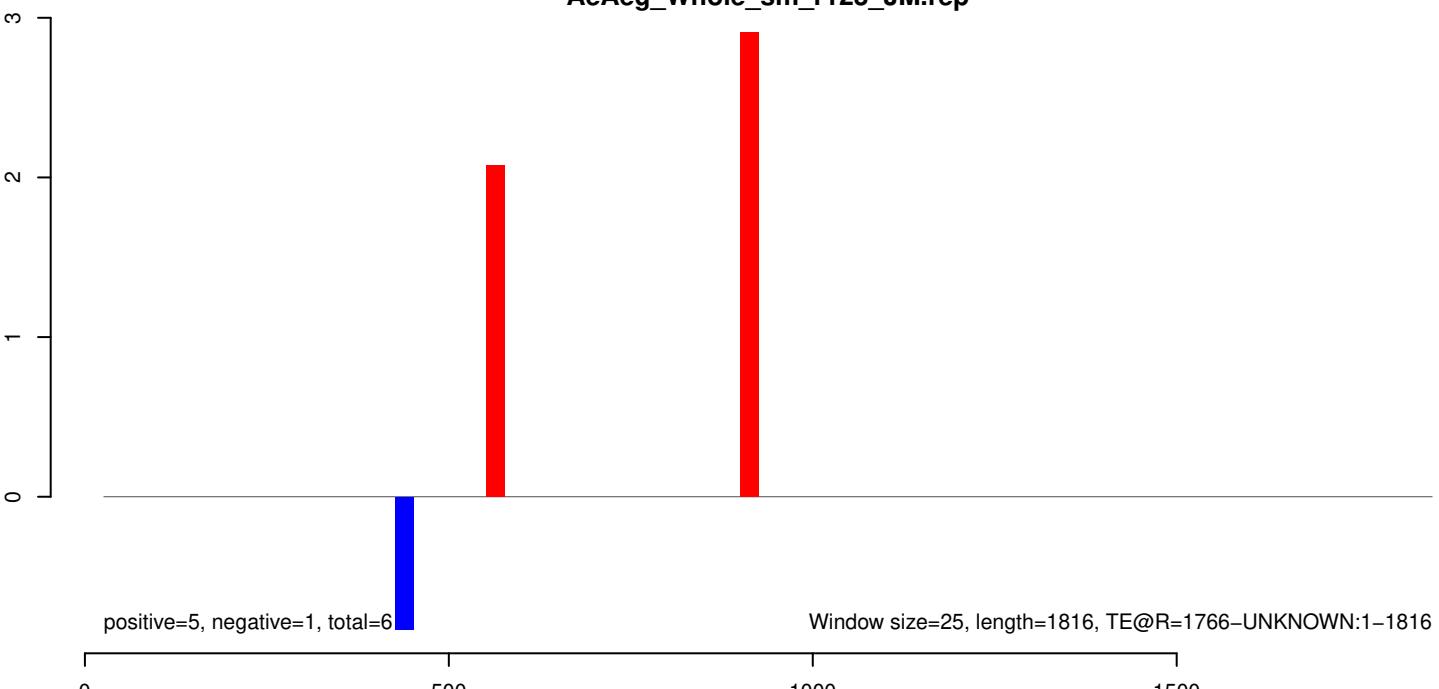
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=5, negative=1, total=6

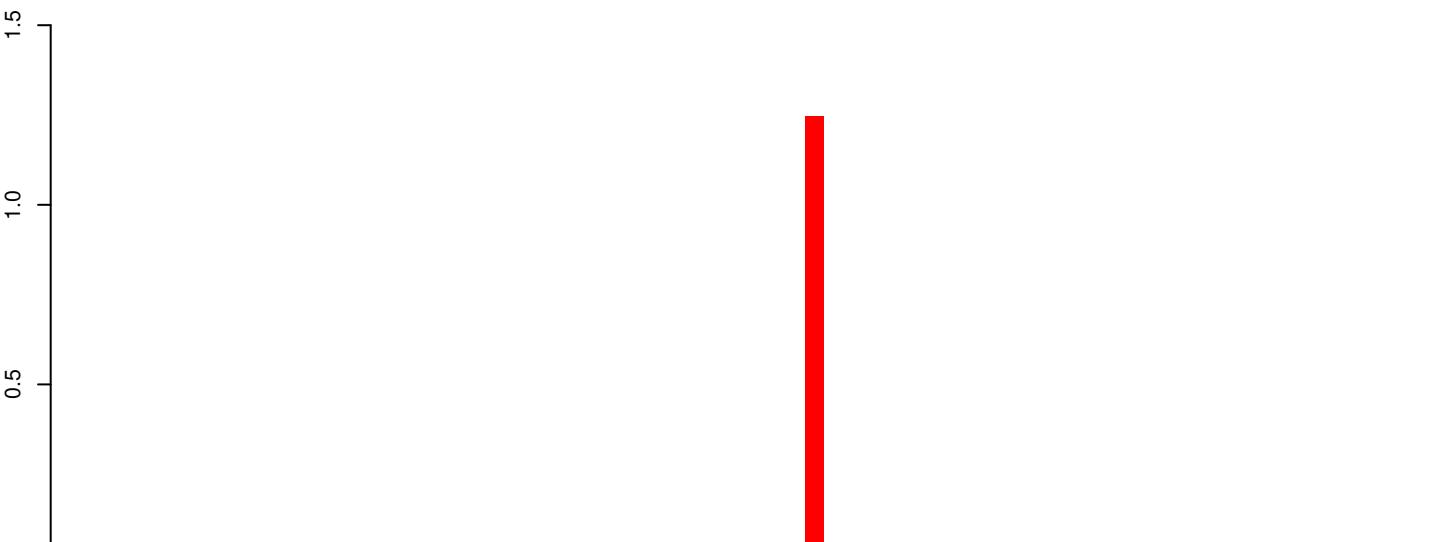
### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=5, negative=1, total=6

Window size=25, length=1816, TE@R=1766–UNKNOWN:1–1816

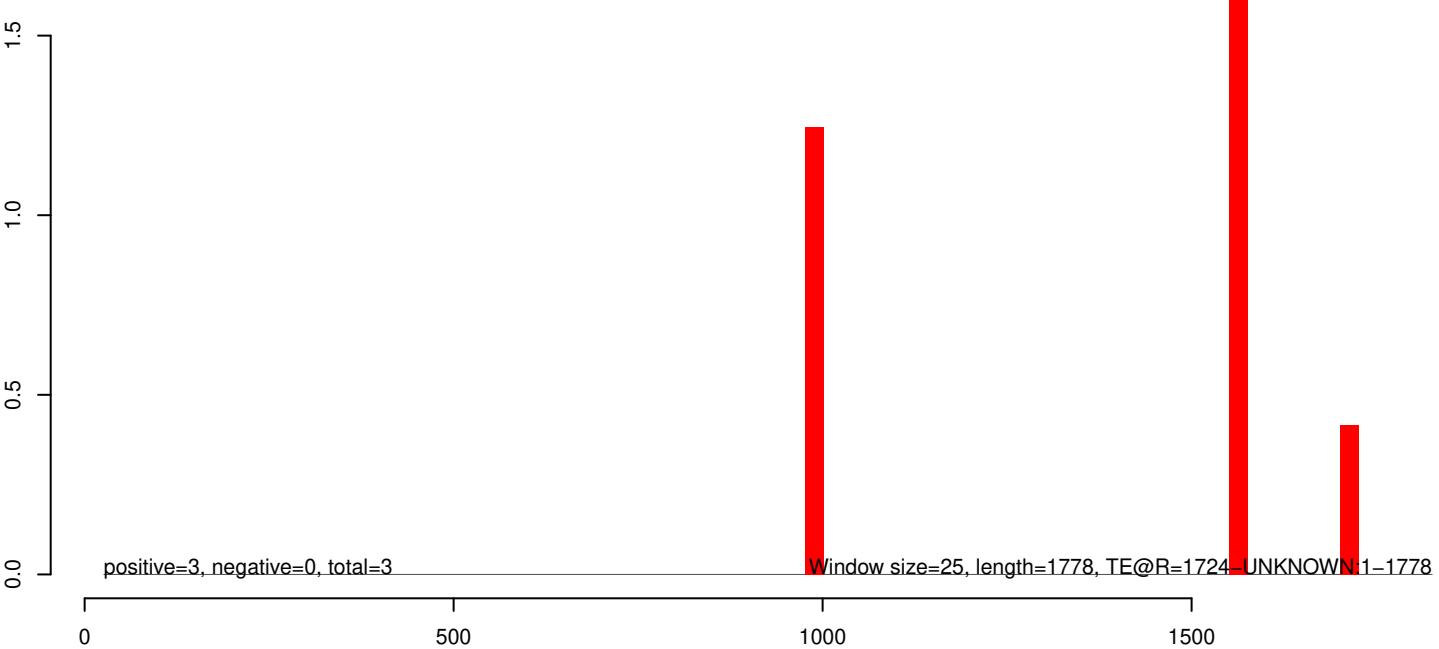
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



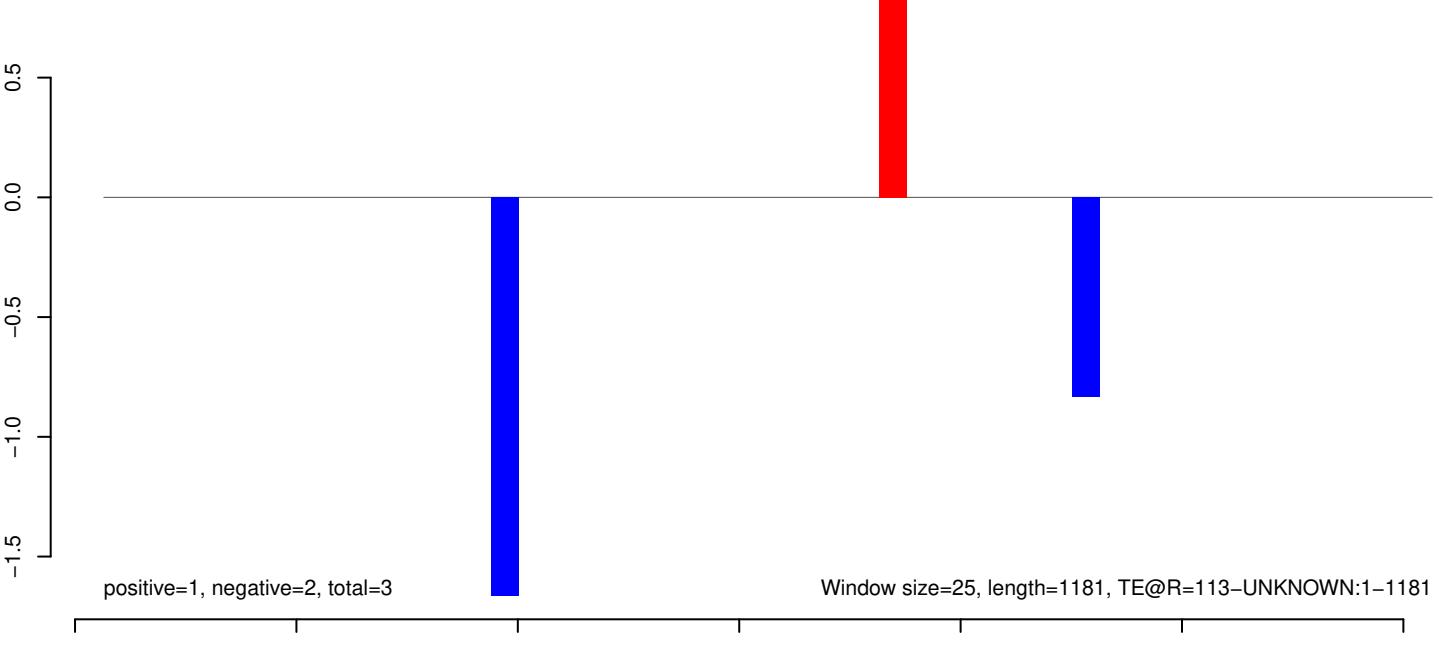
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



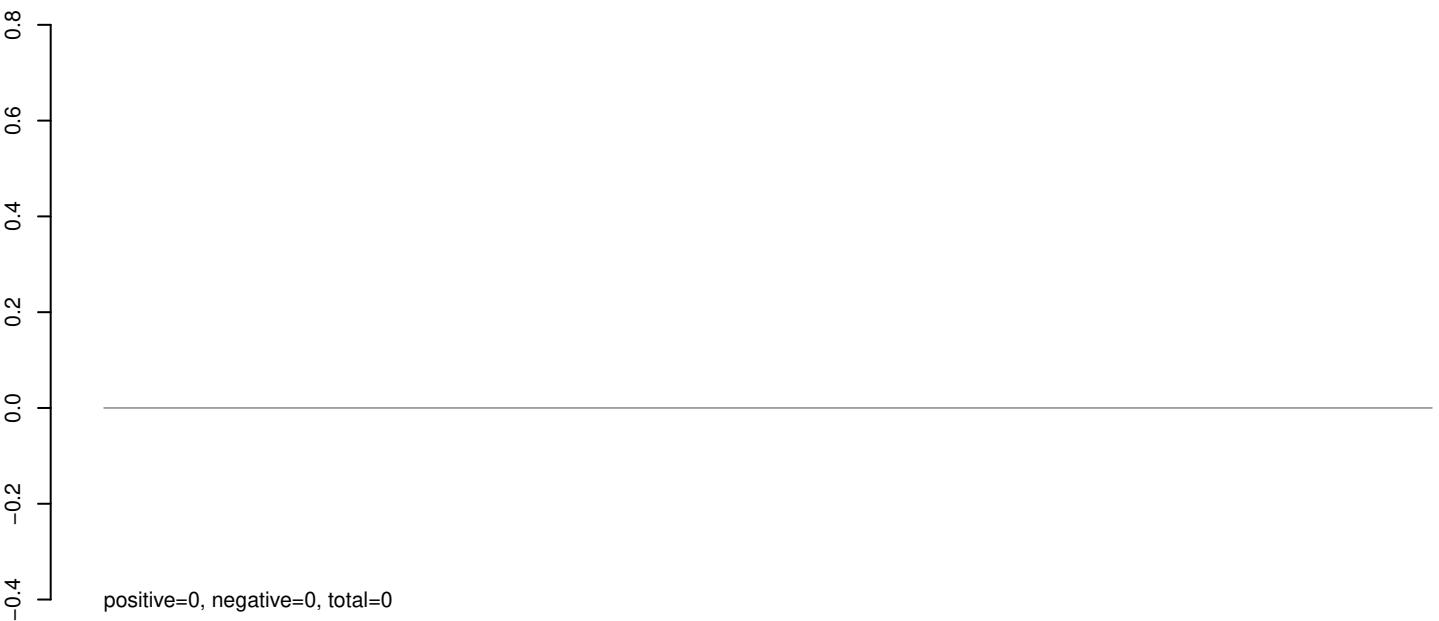
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



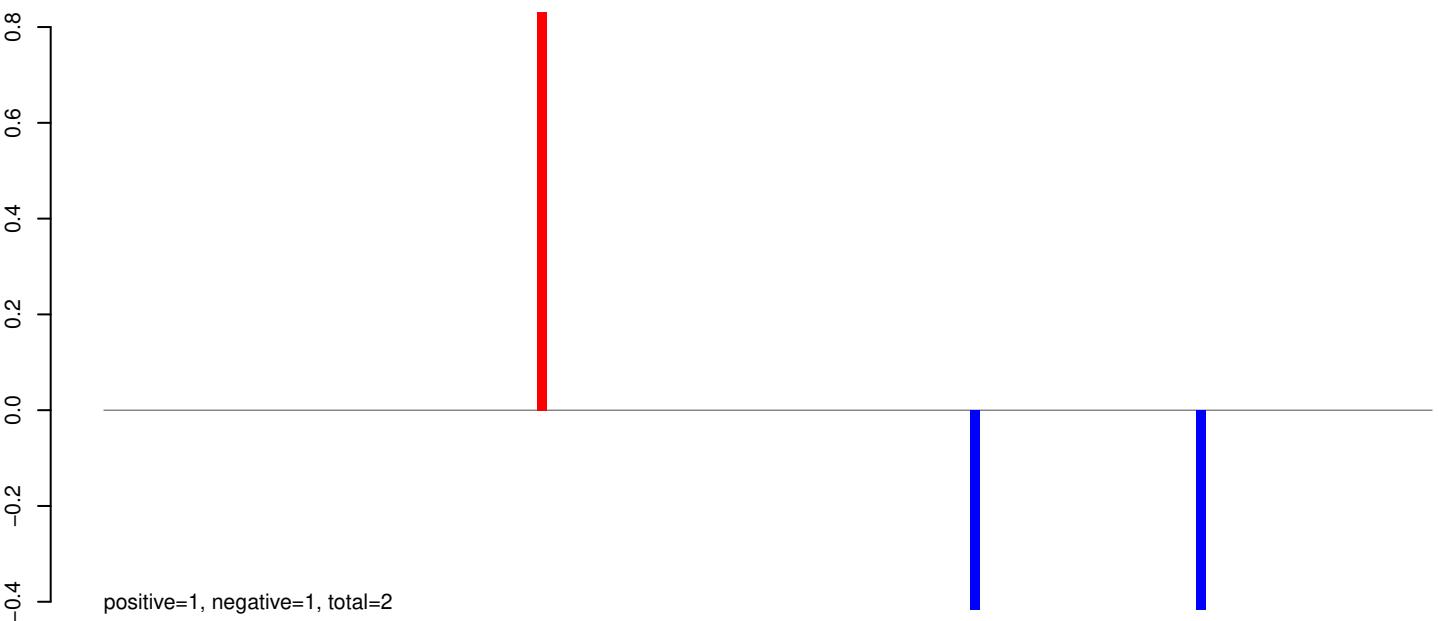
### AeAeg\_Whole\_sm\_r123\_JM.rep



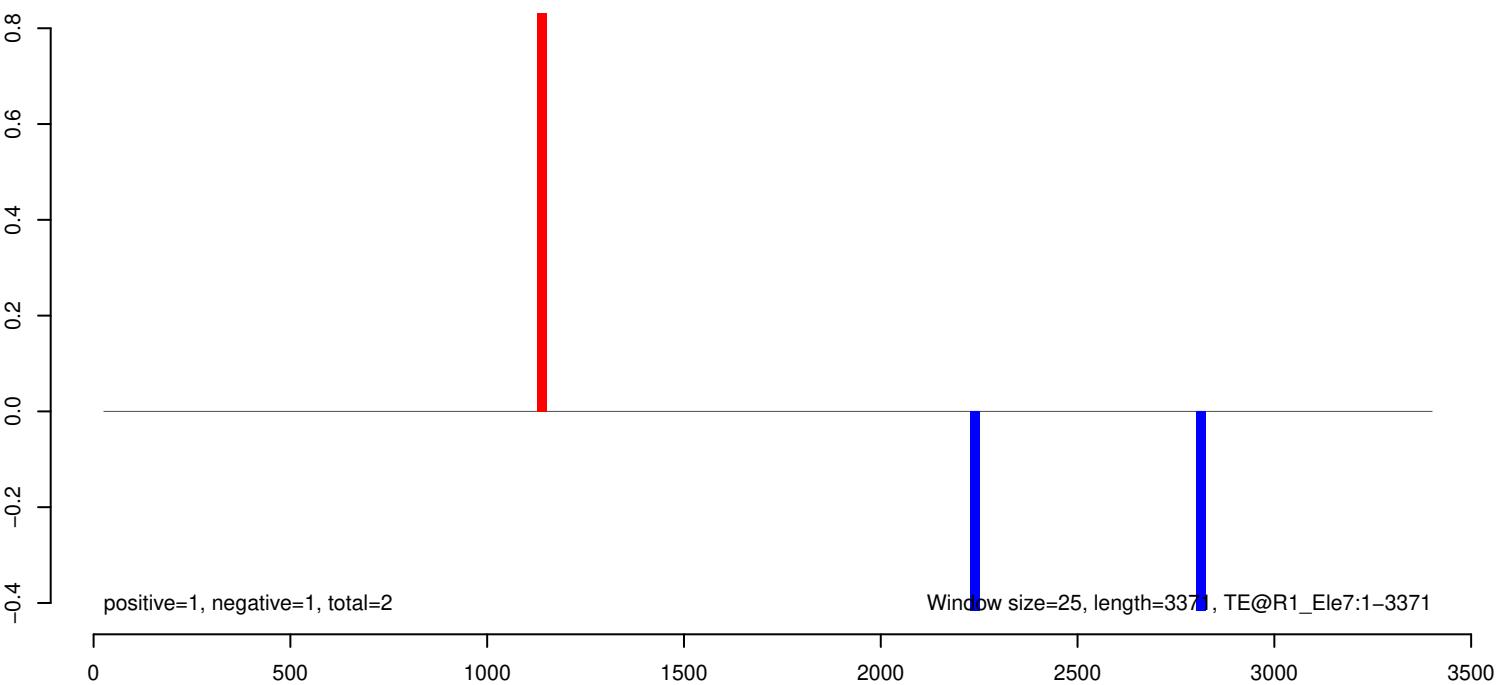
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



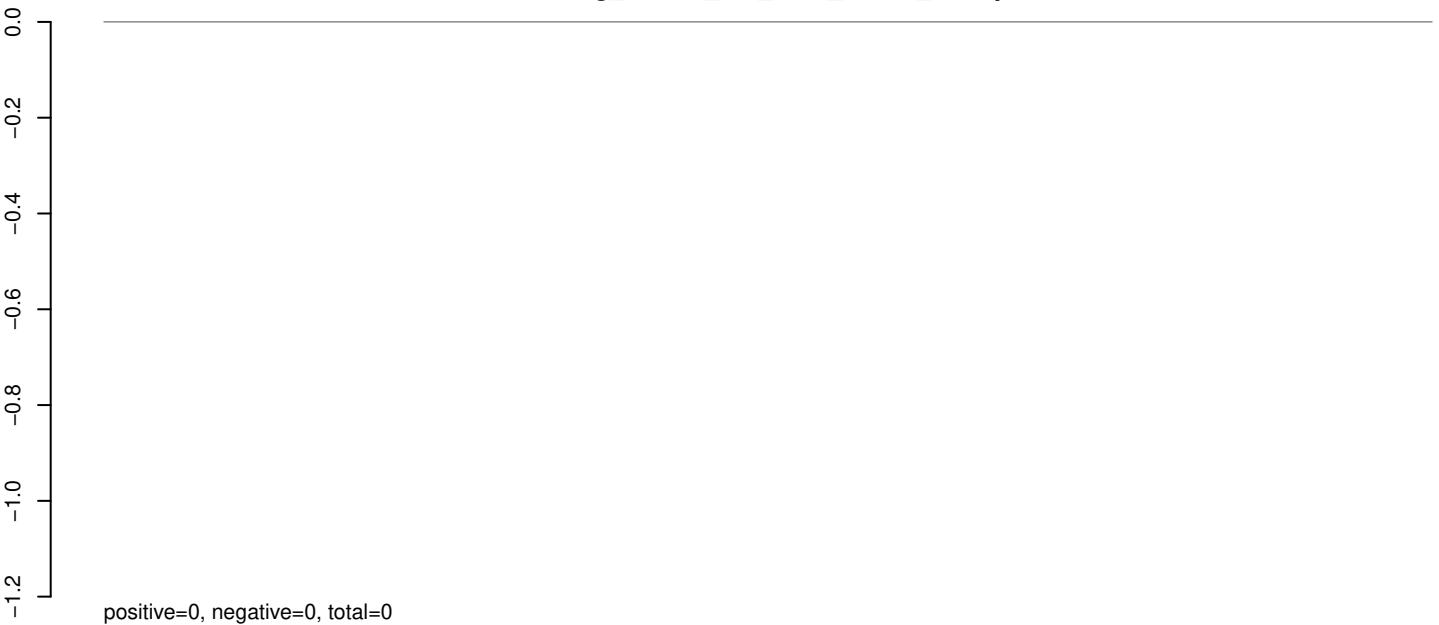
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



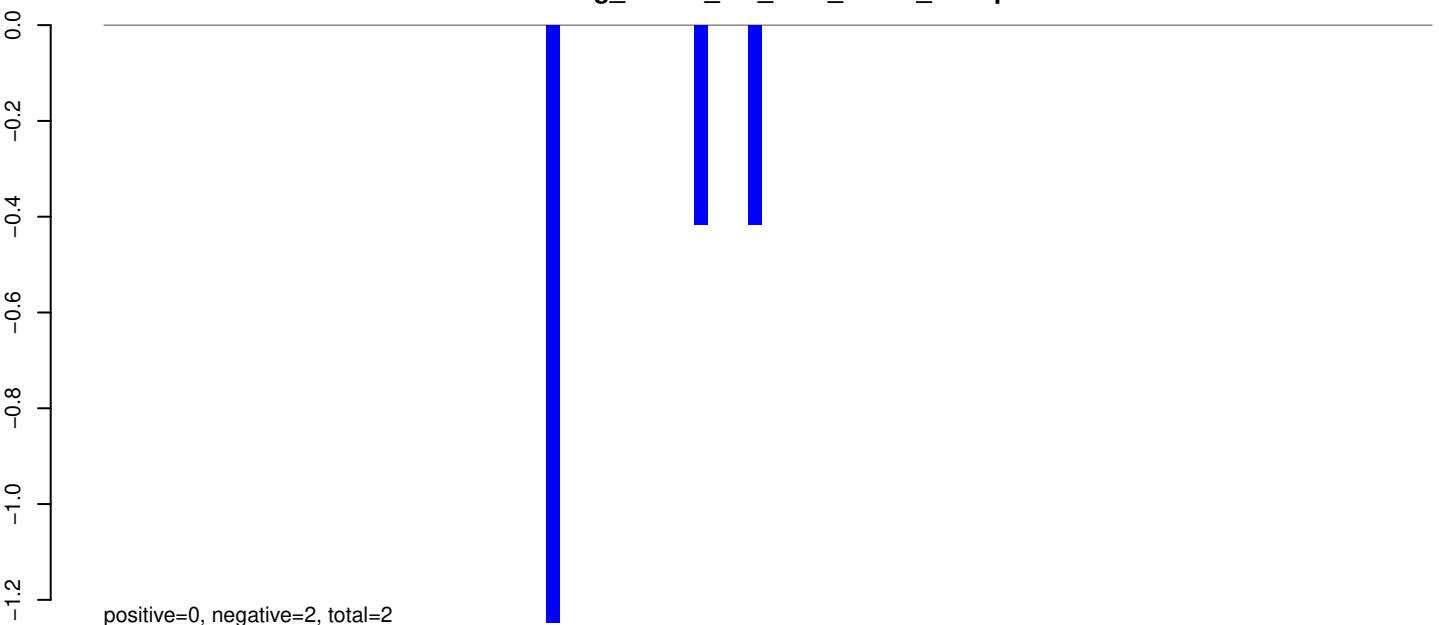
### AeAeg\_Whole\_sm\_r123\_JM.rep



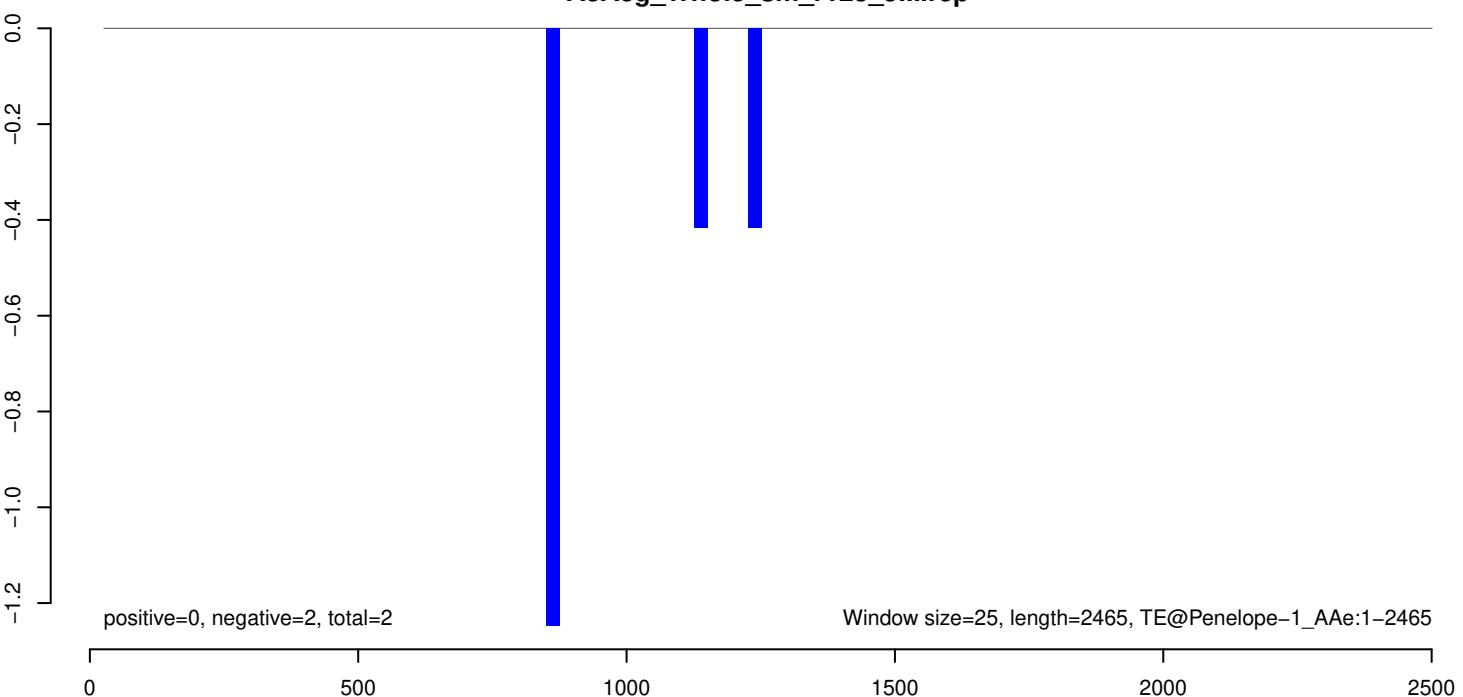
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



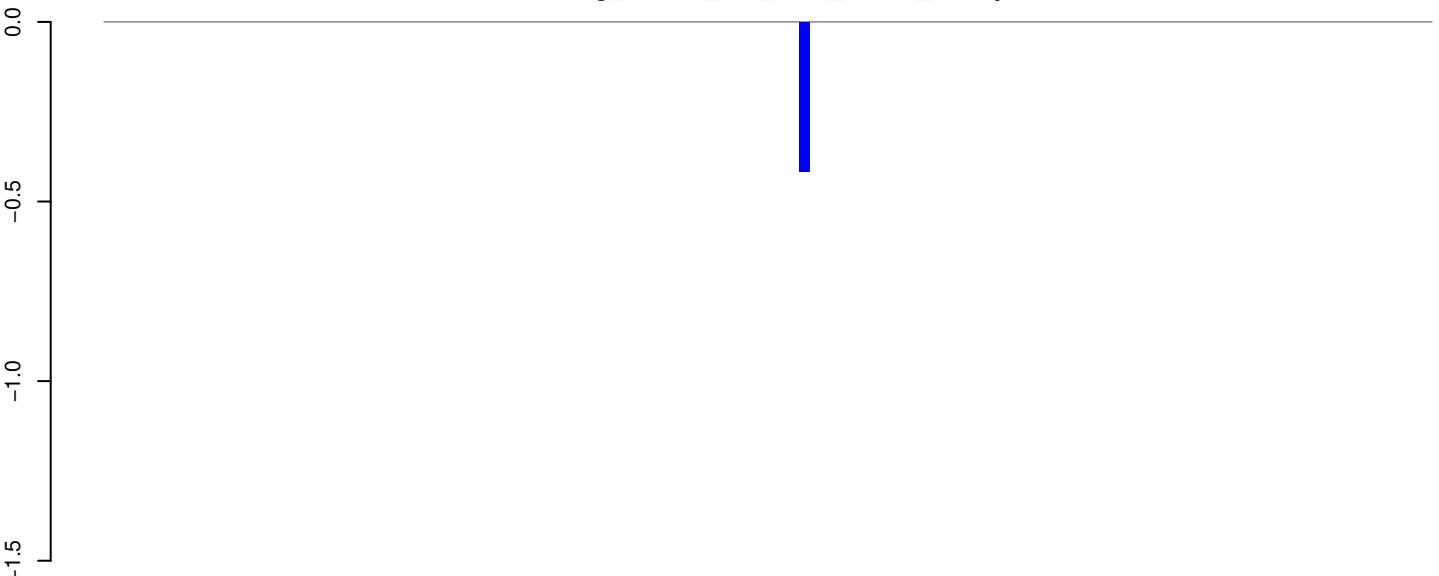
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

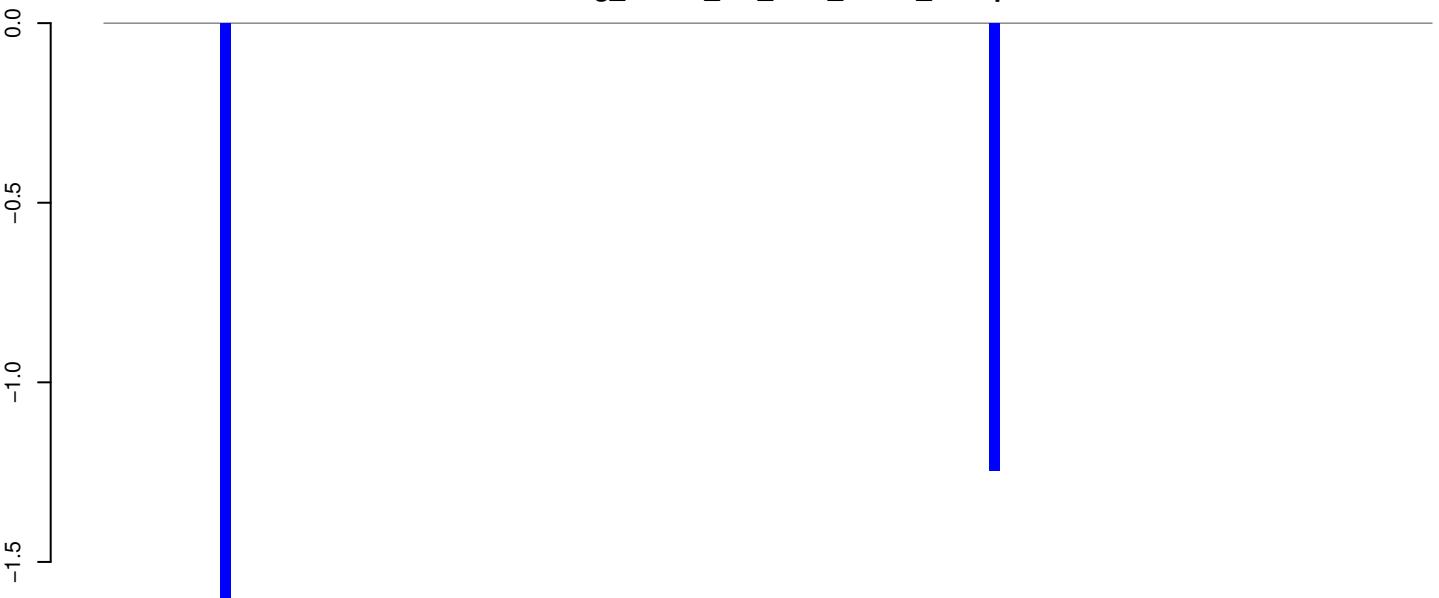


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



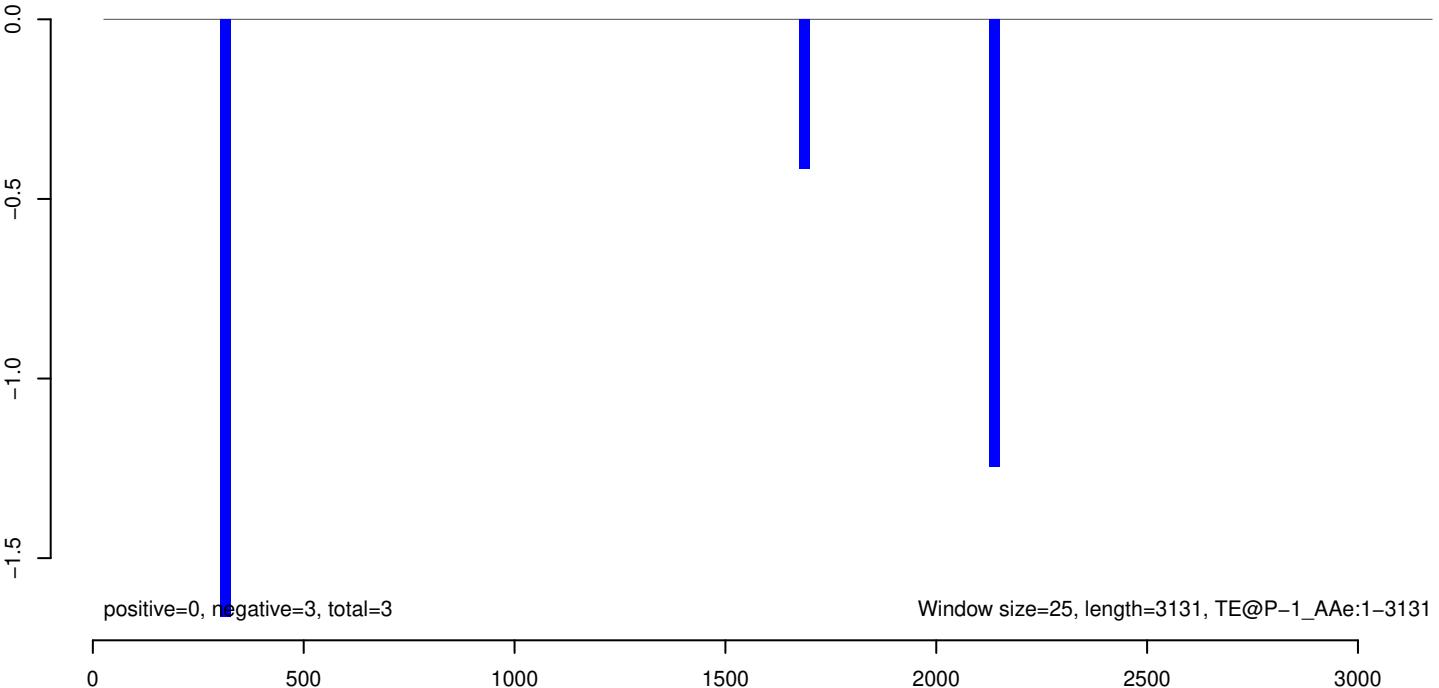
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=3, total=3

### AeAeg\_Whole\_sm\_r123\_JM.rep



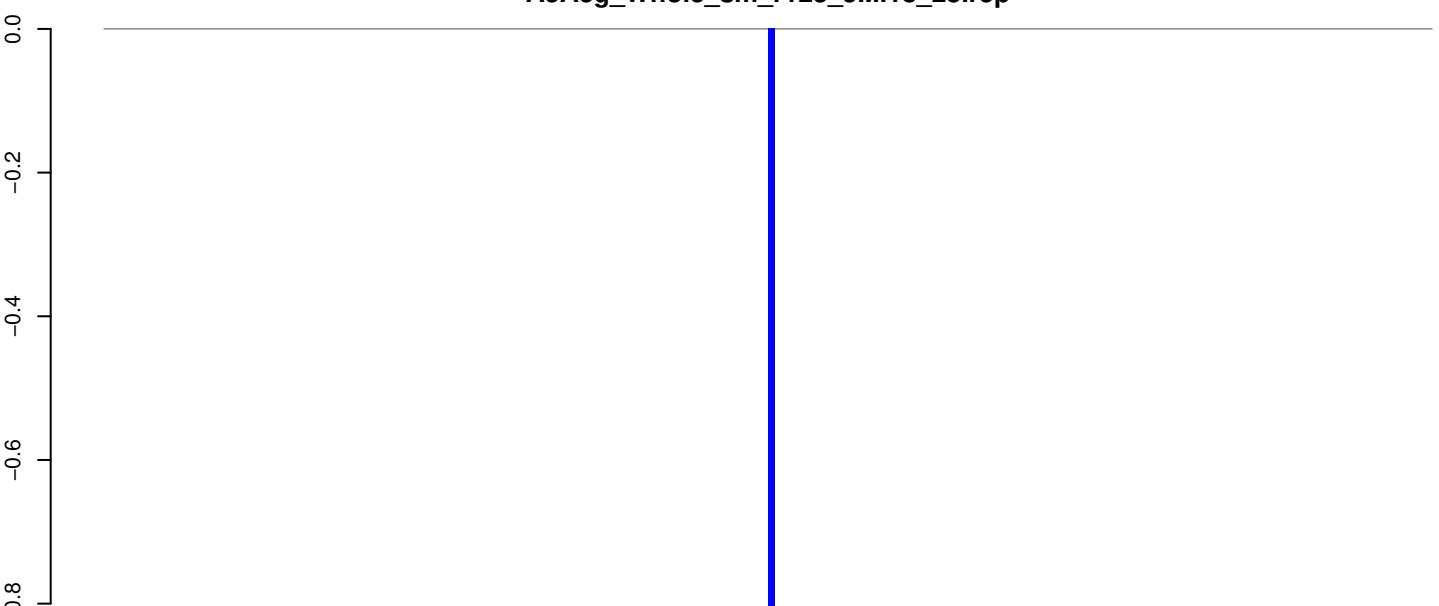
positive=0, negative=3, total=3

Window size=25, length=3131, TE@P-1\_AAe:1-3131

0 500 1000 1500 2000 2500 3000

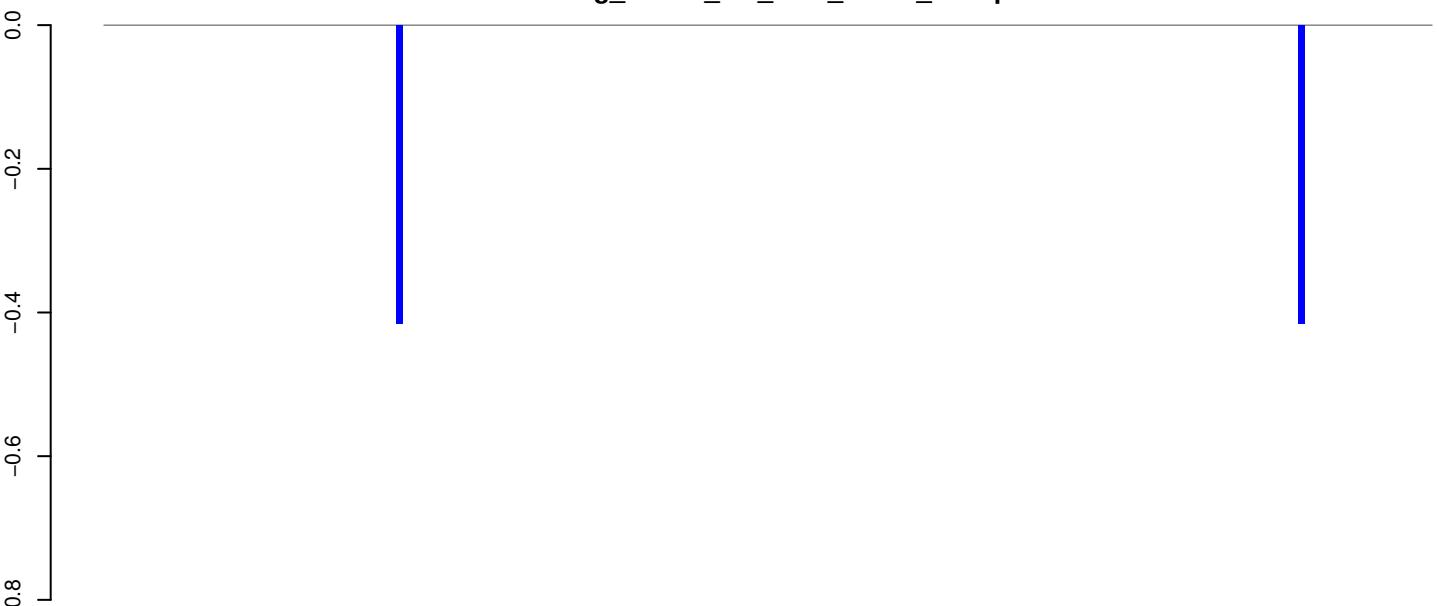
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

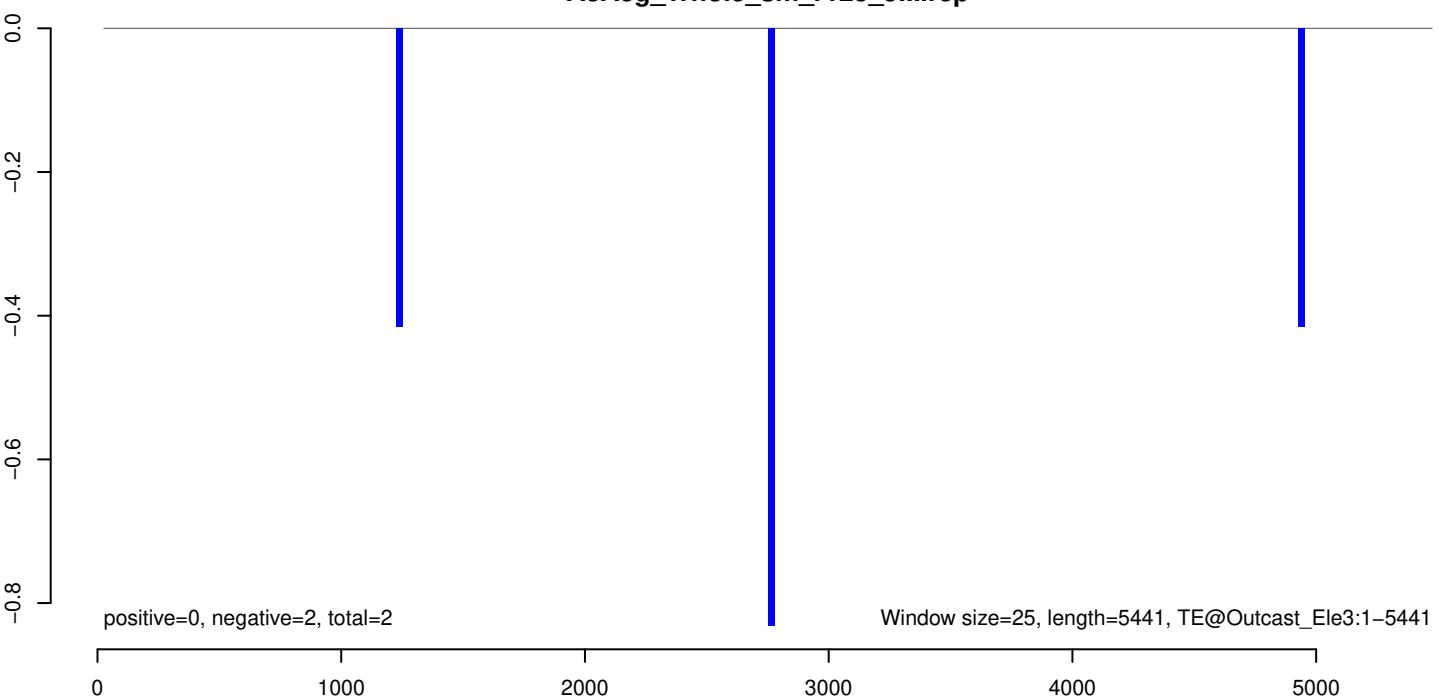
positive=0, negative=1, total=1



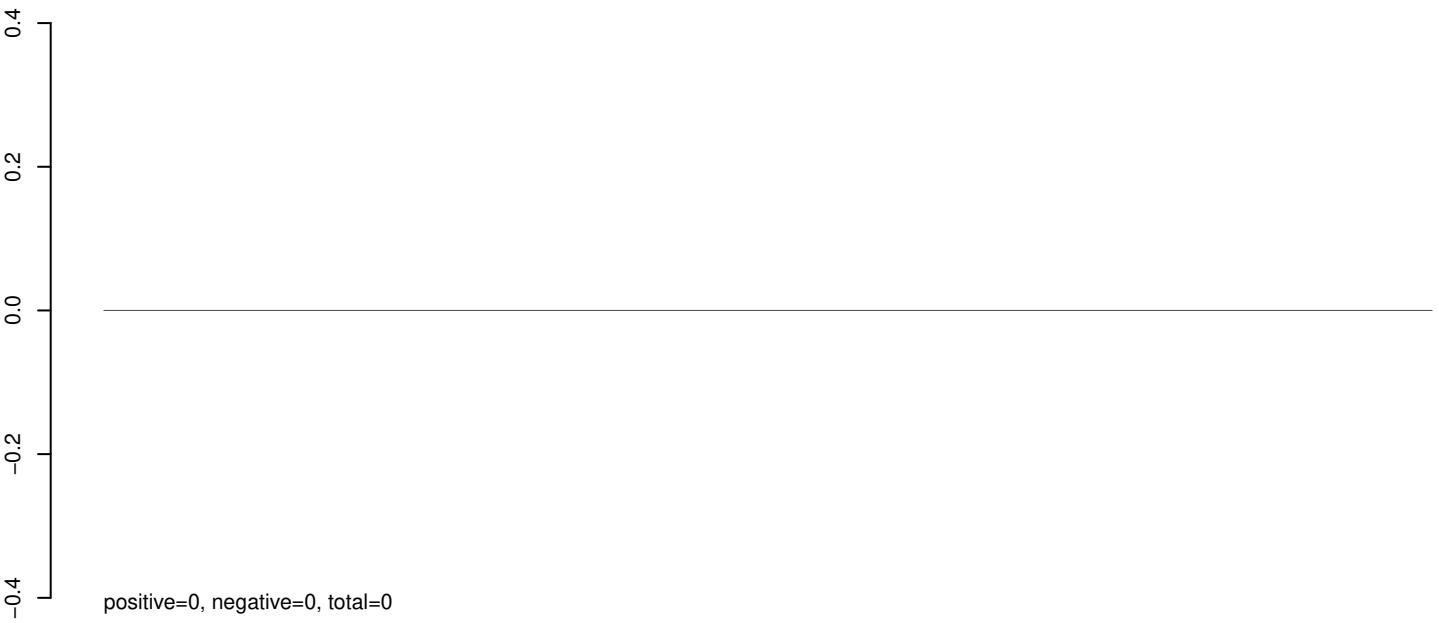
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

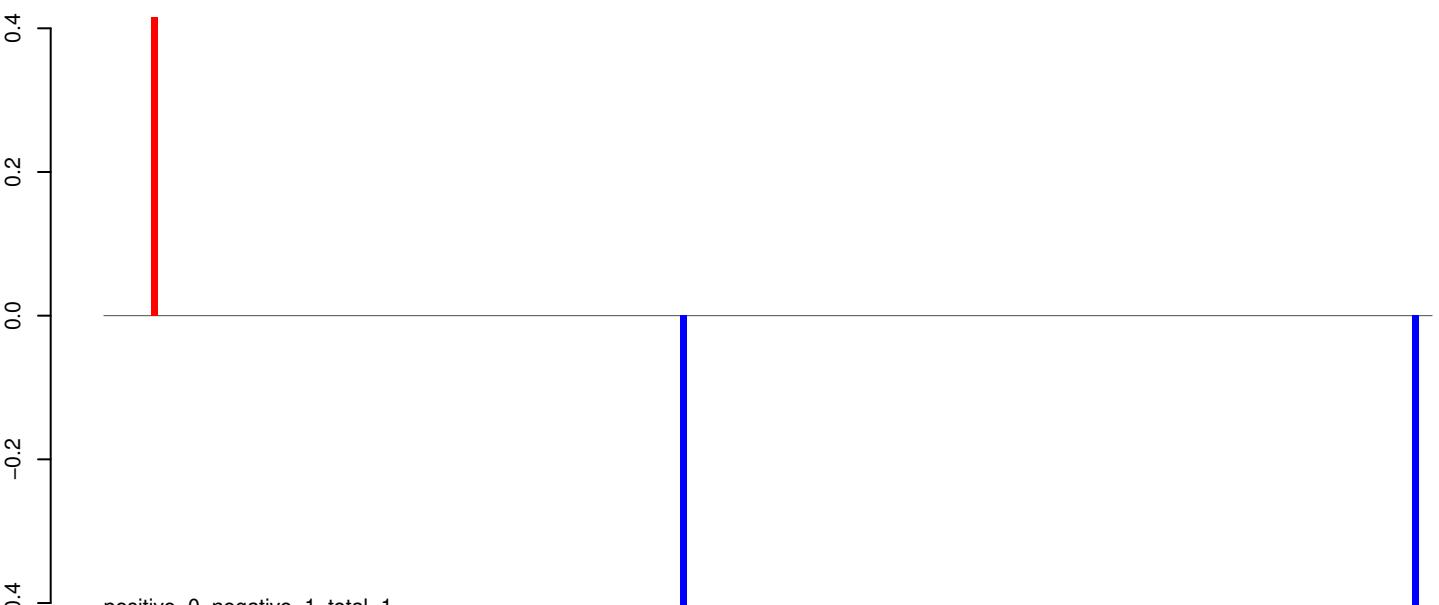
Window size=25, length=5441, TE@Outcast\_Ele3:1–5441



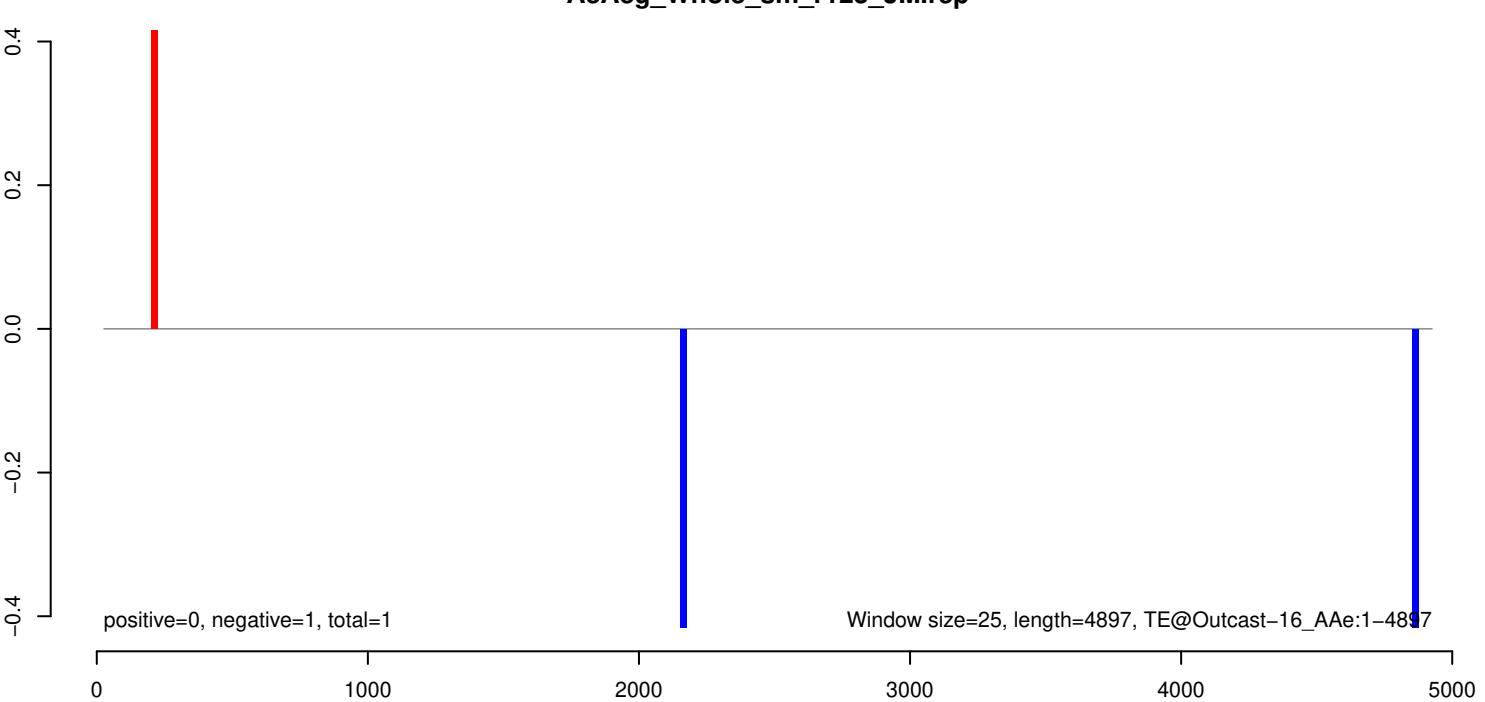
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



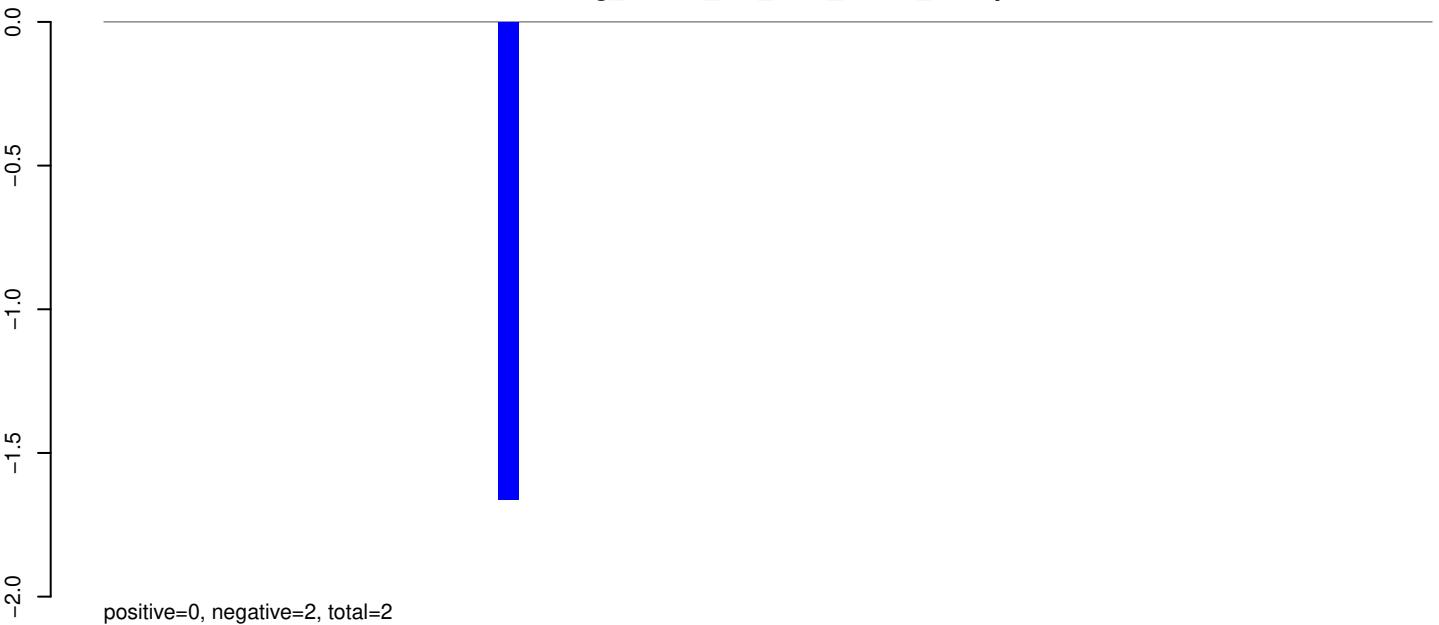
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



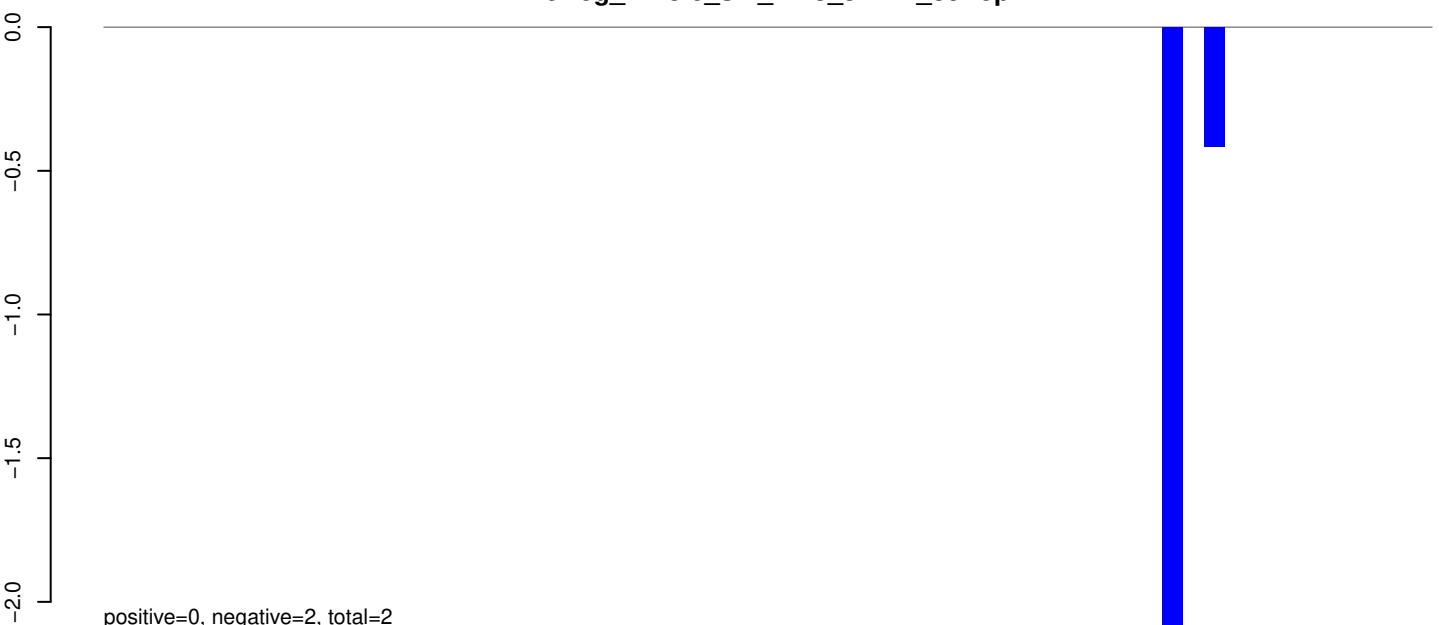
### AeAeg\_Whole\_sm\_r123\_JM.rep



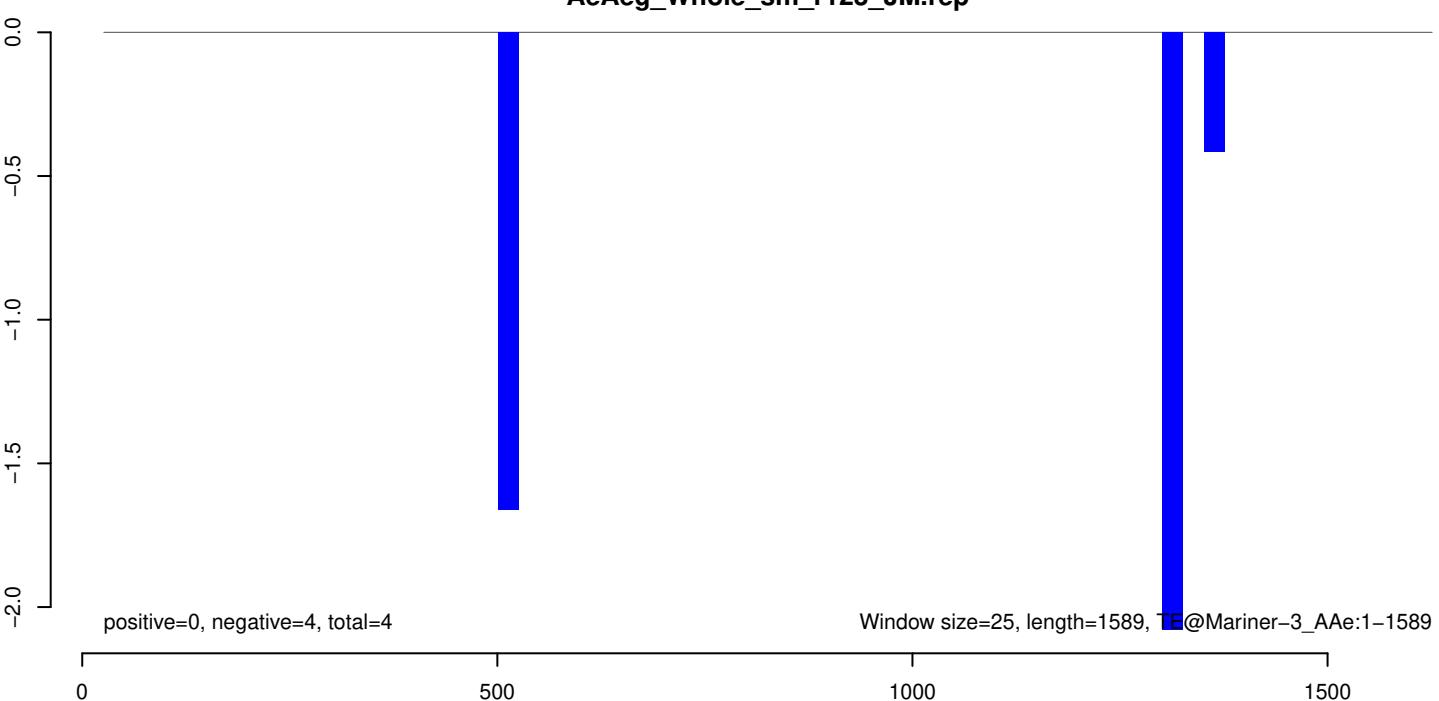
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

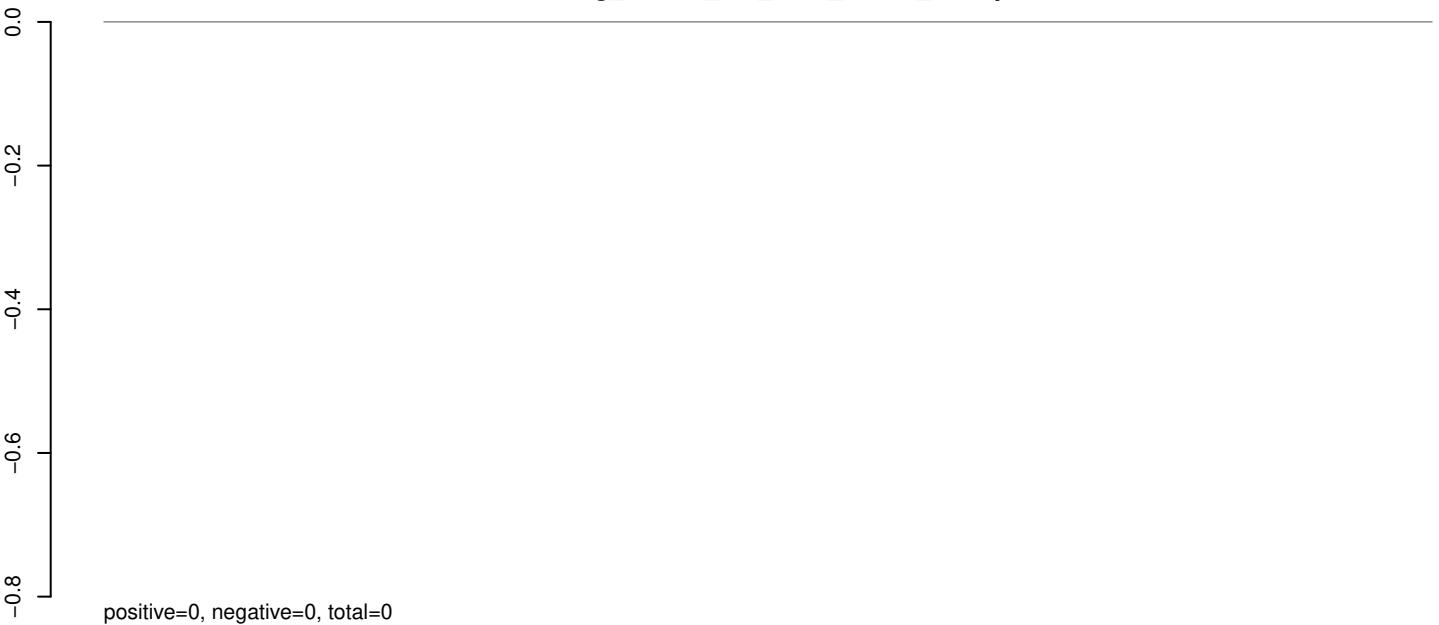


### AeAeg\_Whole\_sm\_r123\_JM.rep

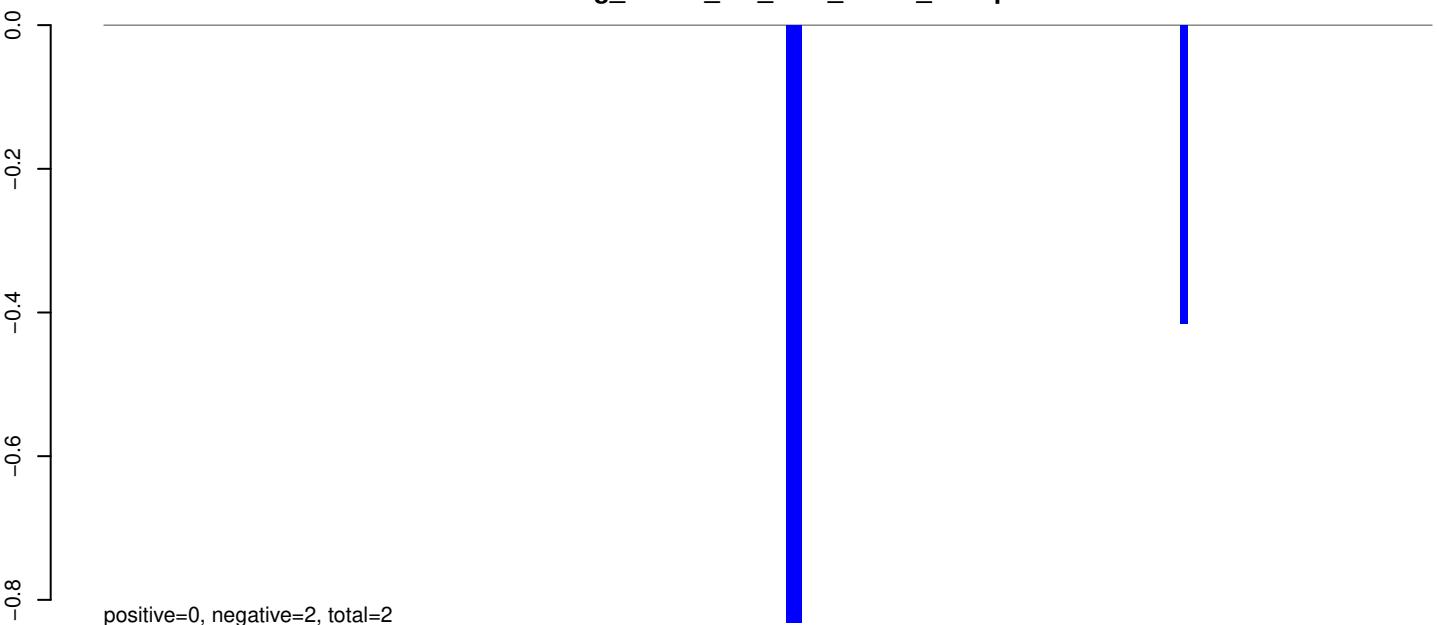


0 500 1000 1500

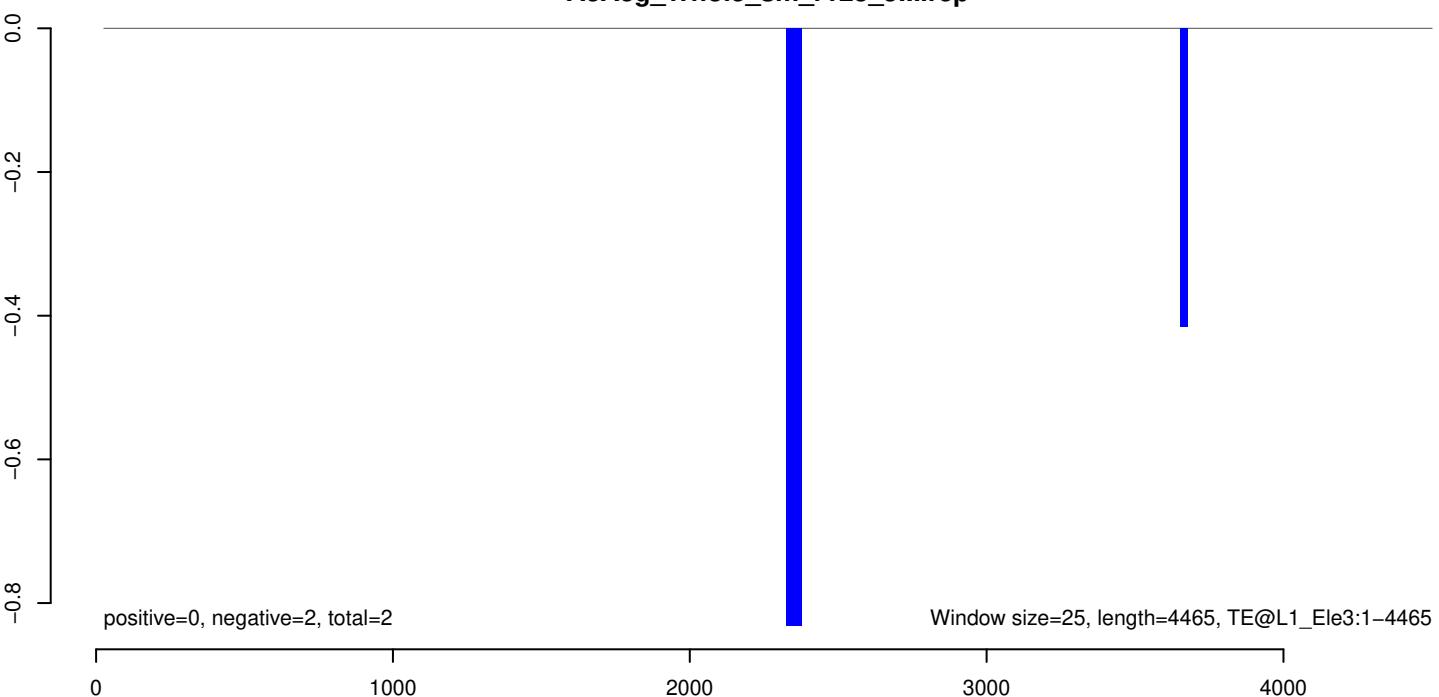
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



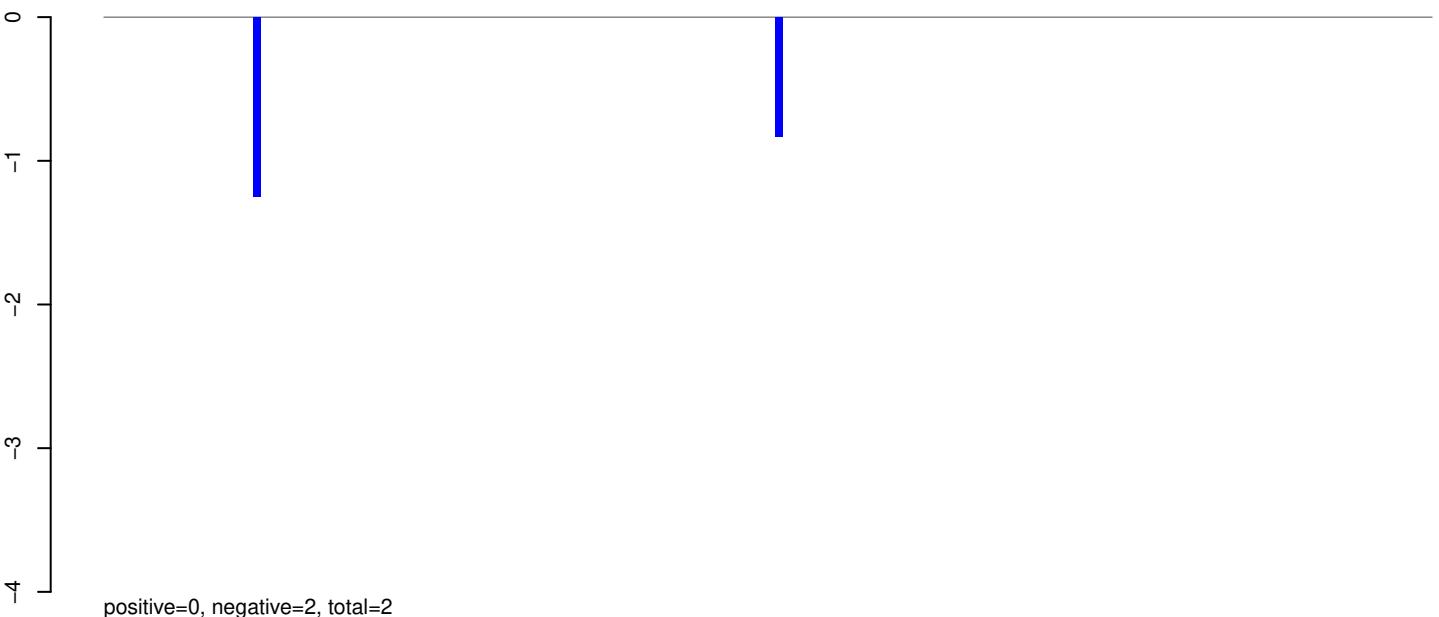
### AeAeg\_Whole\_sm\_r123\_JM.rep



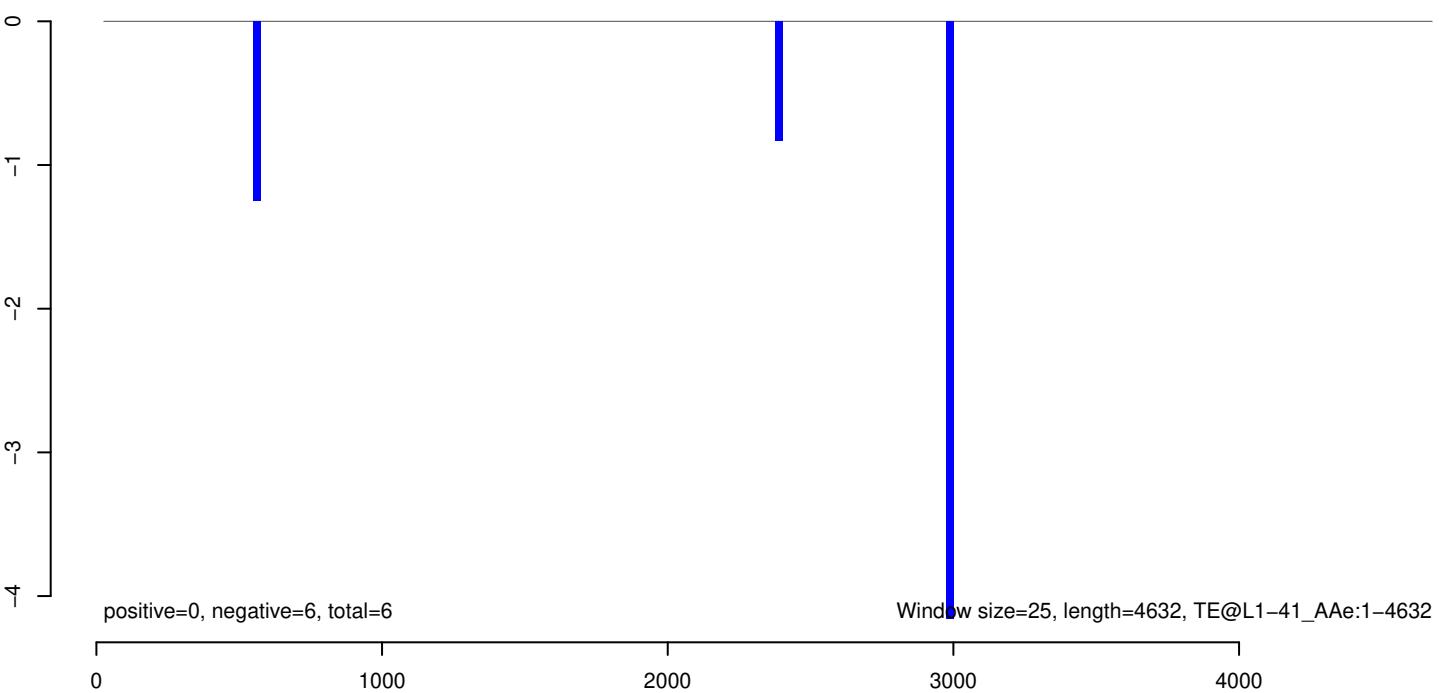
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



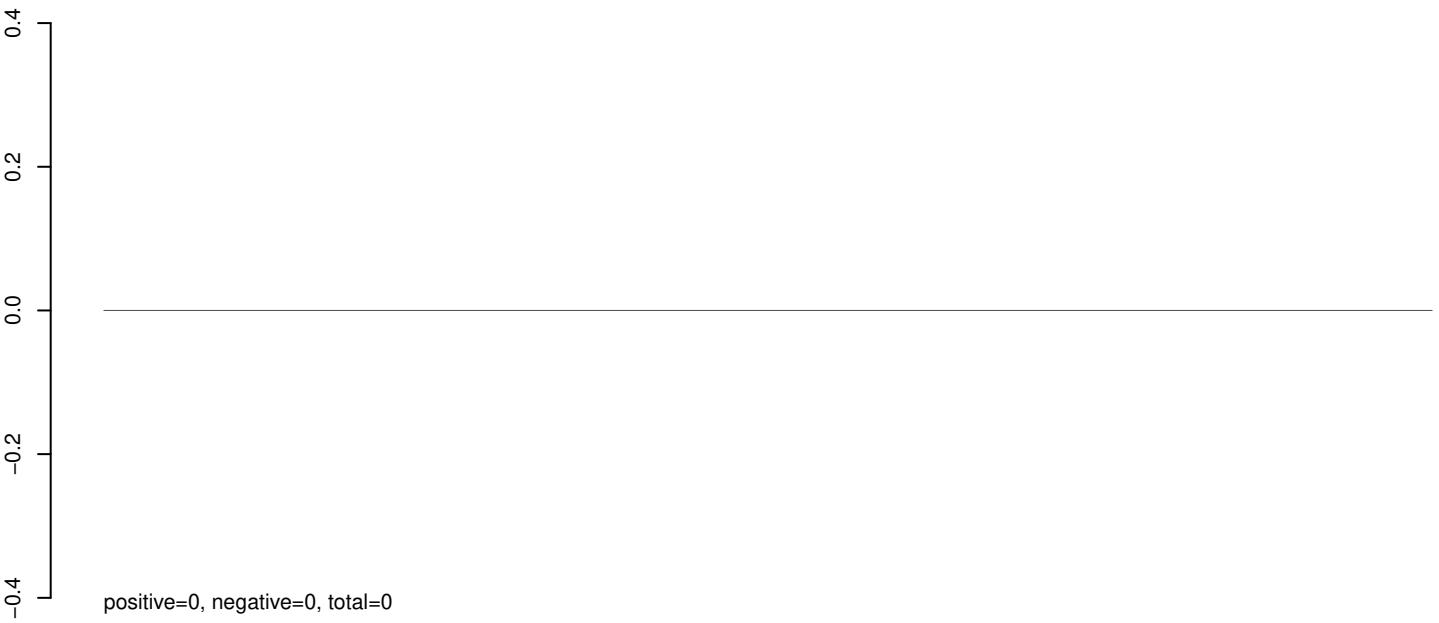
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



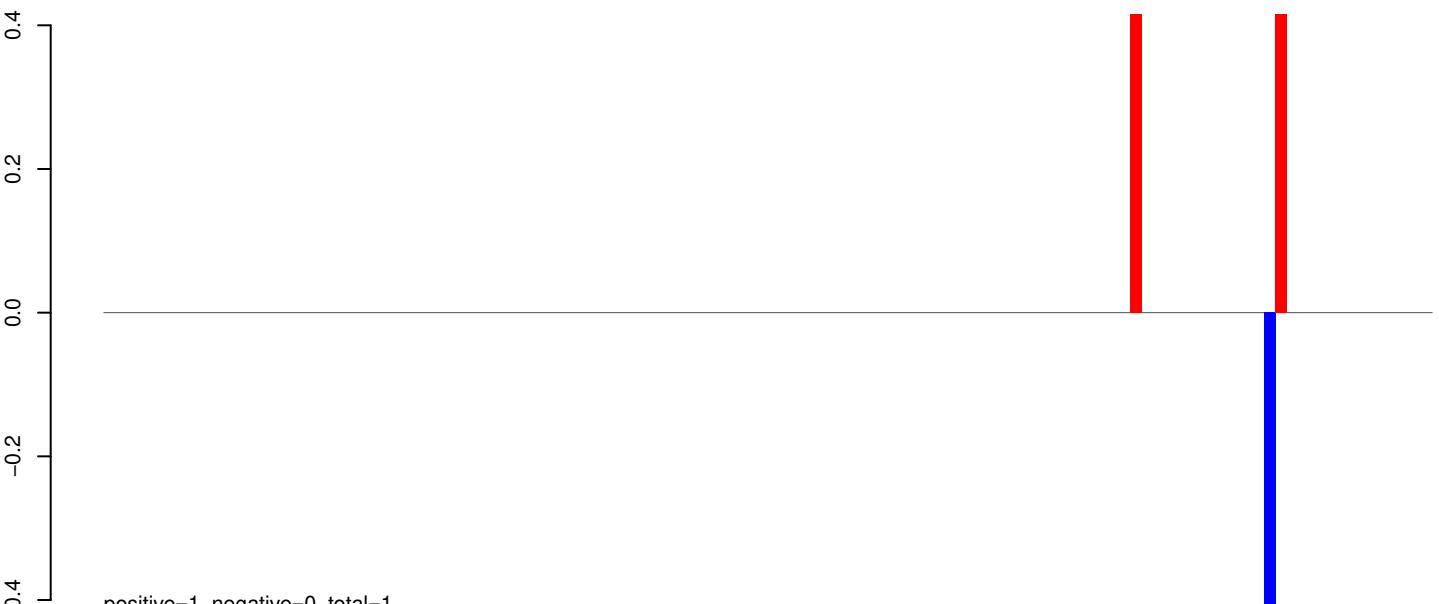
### AeAeg\_Whole\_sm\_r123\_JM.rep



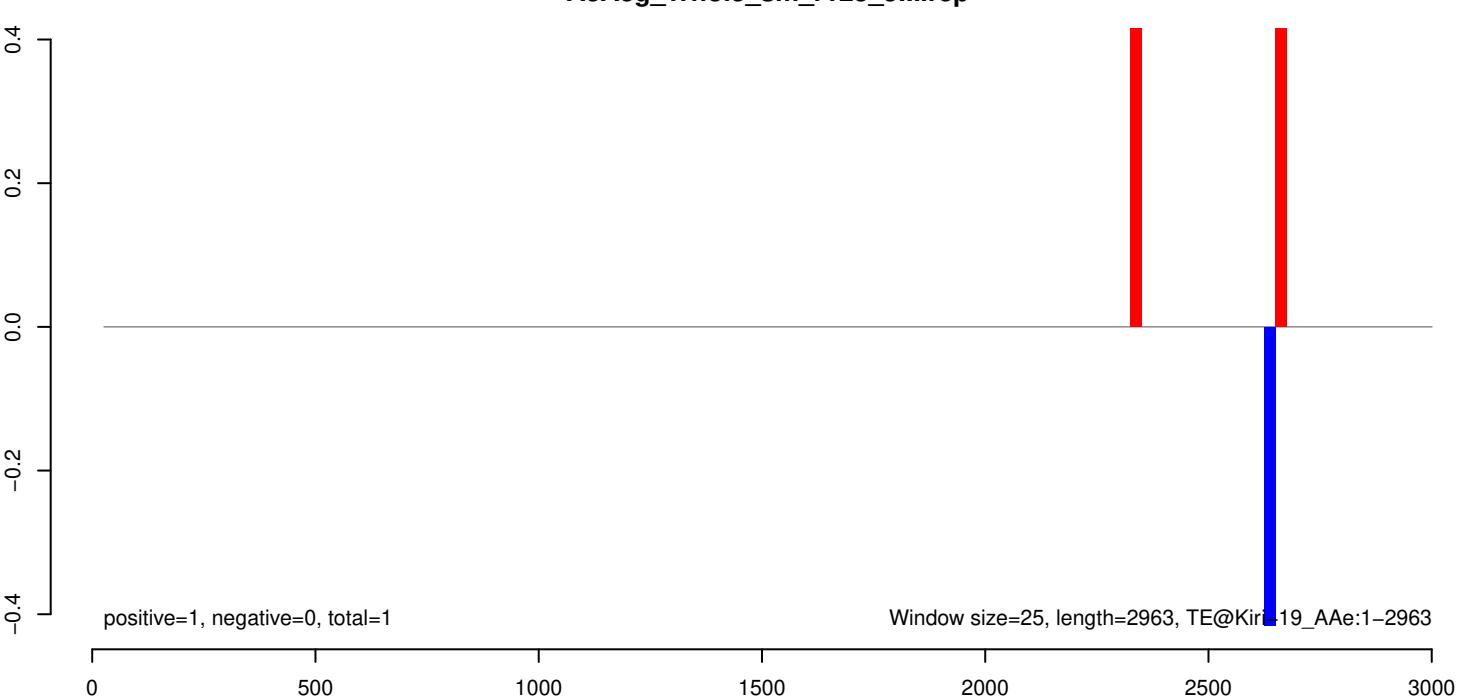
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



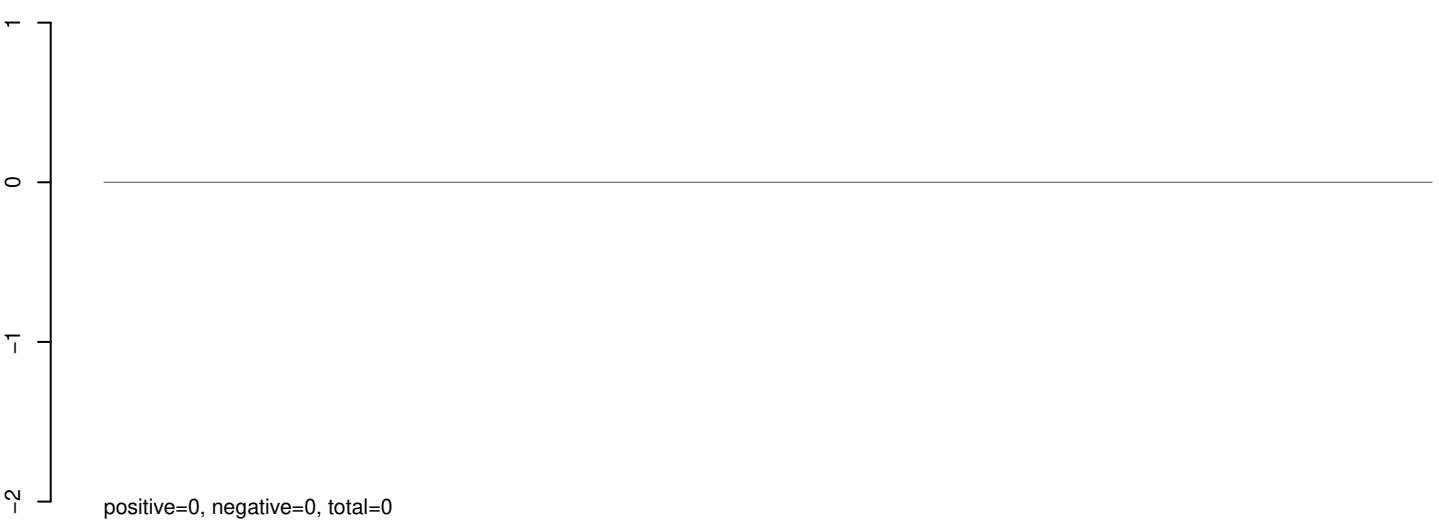
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



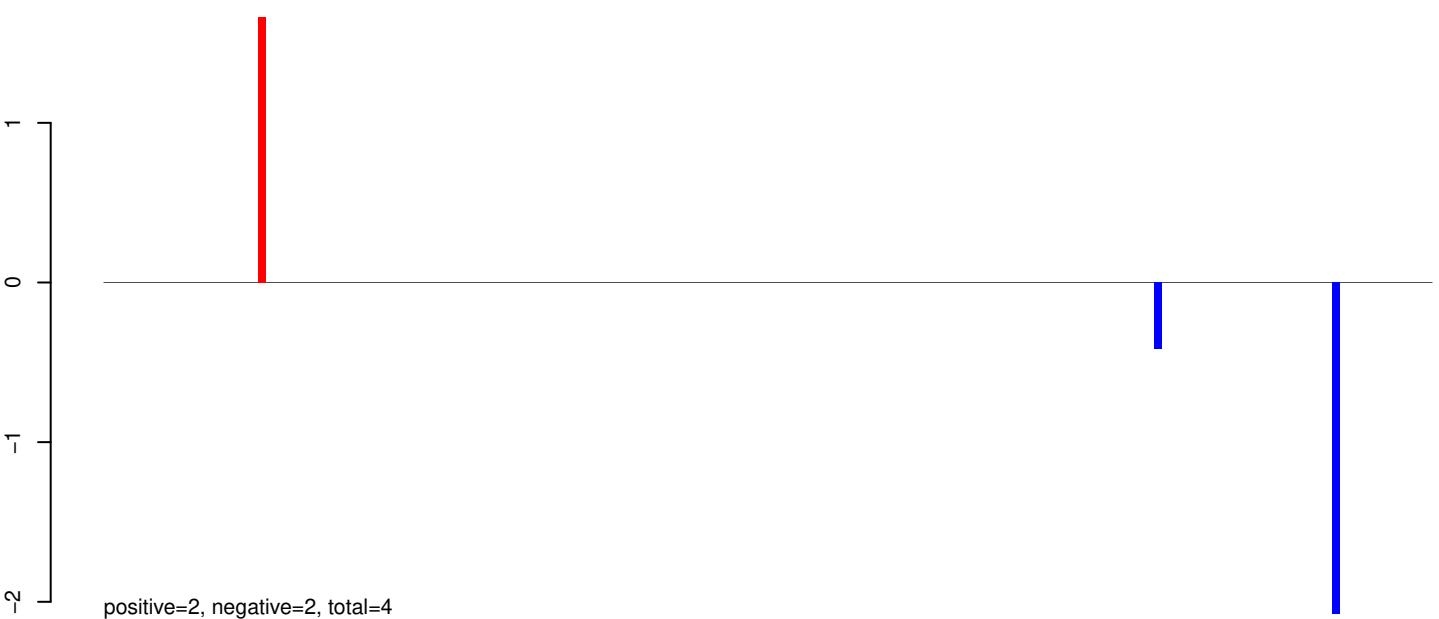
### AeAeg\_Whole\_sm\_r123\_JM.rep



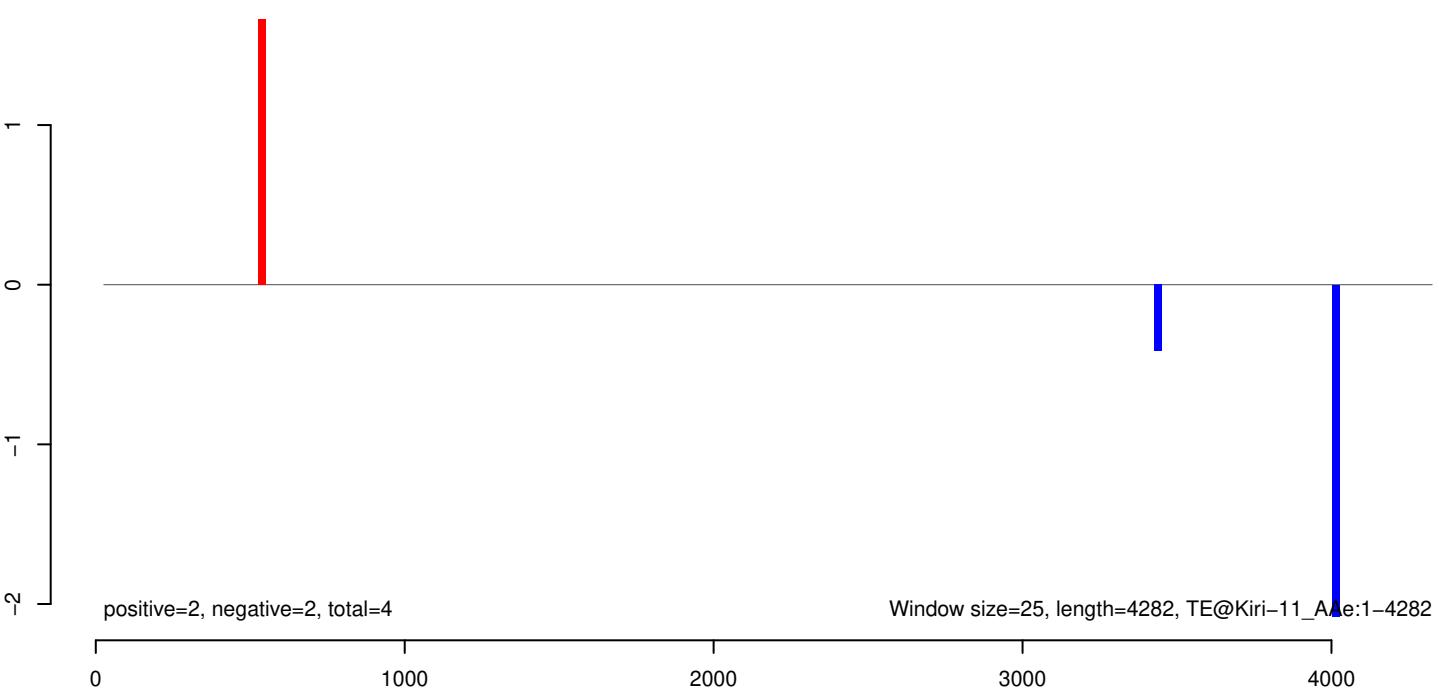
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



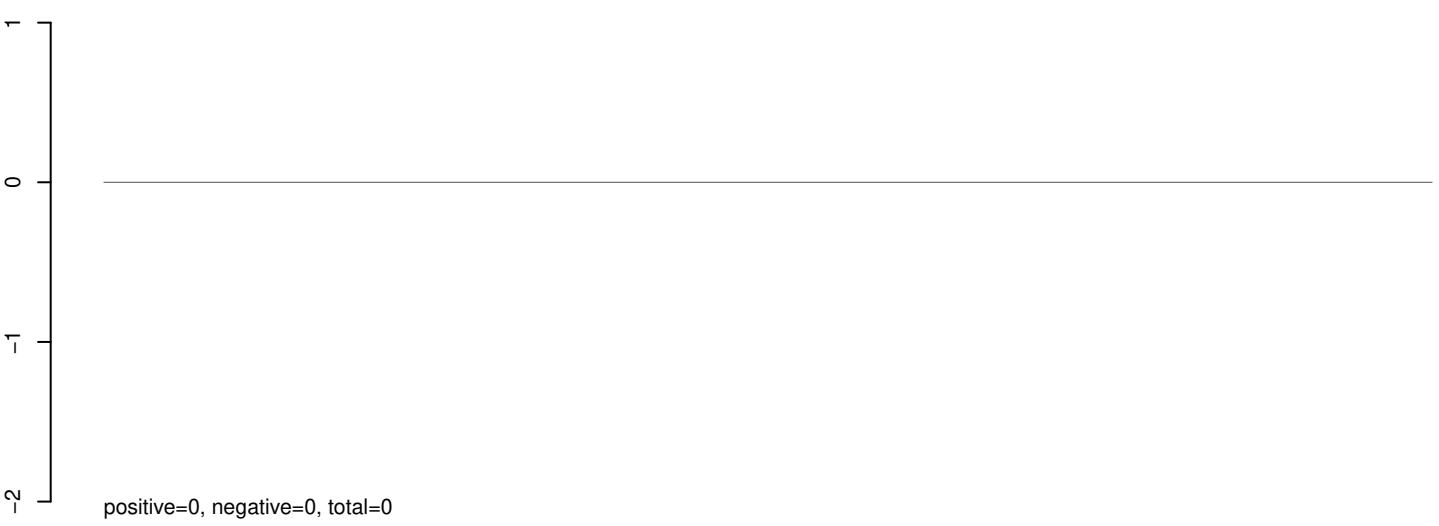
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



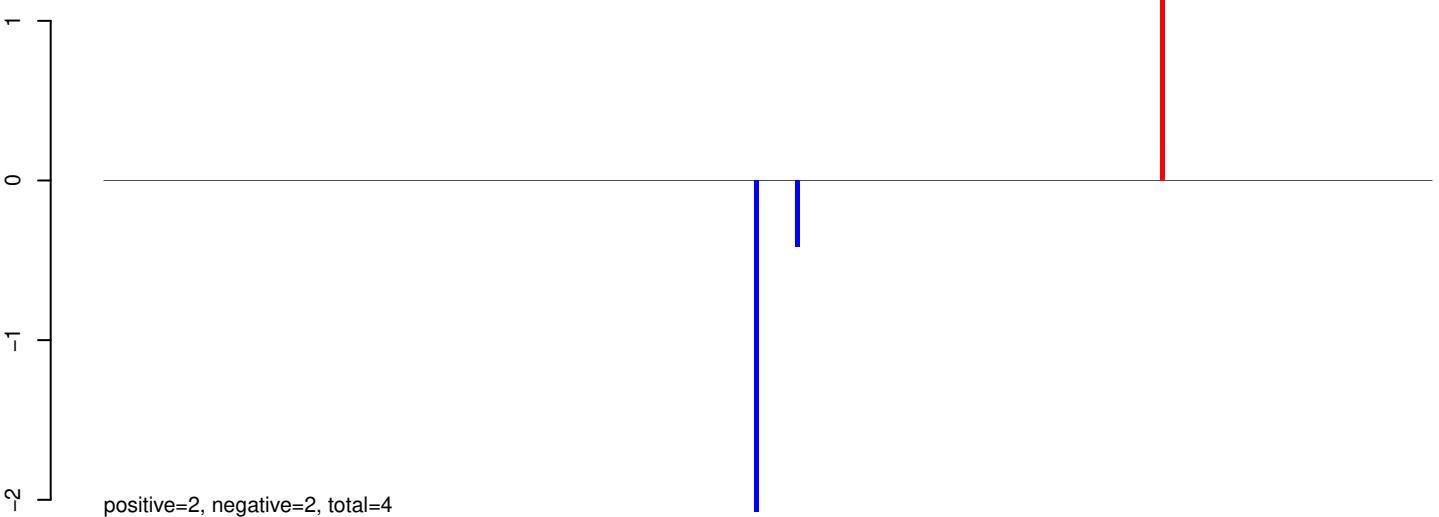
**AeAeg\_Whole\_sm\_r123\_JM.rep**



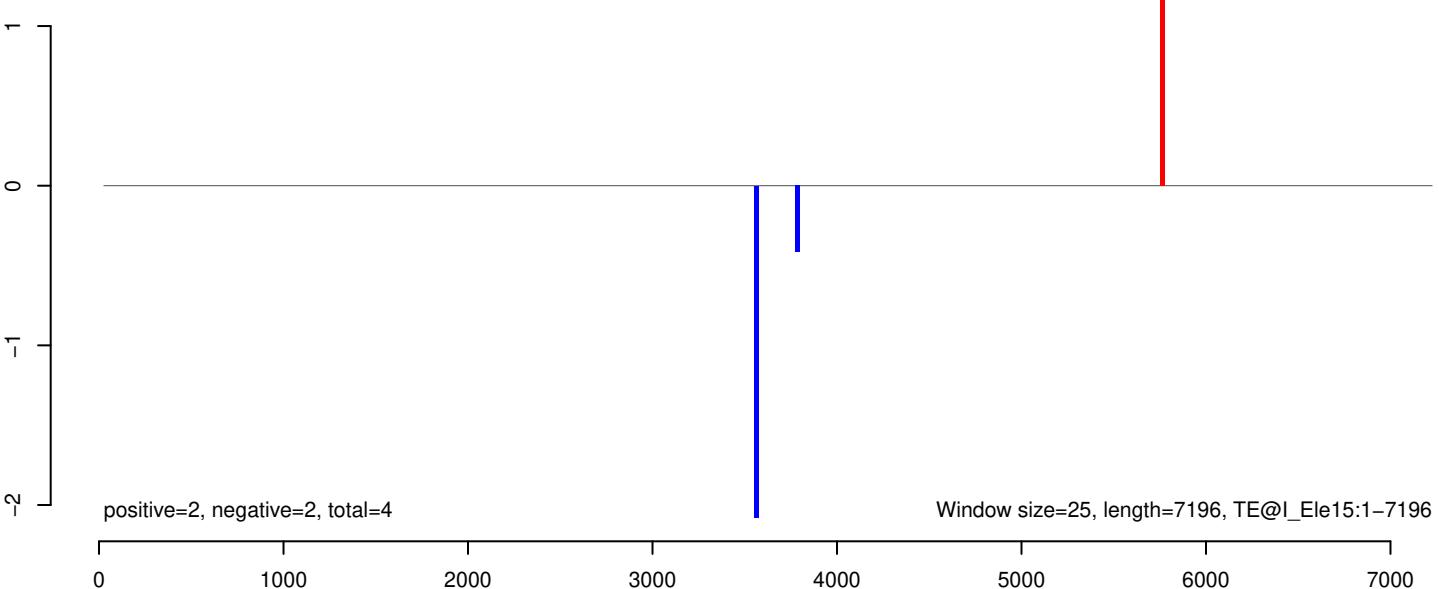
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



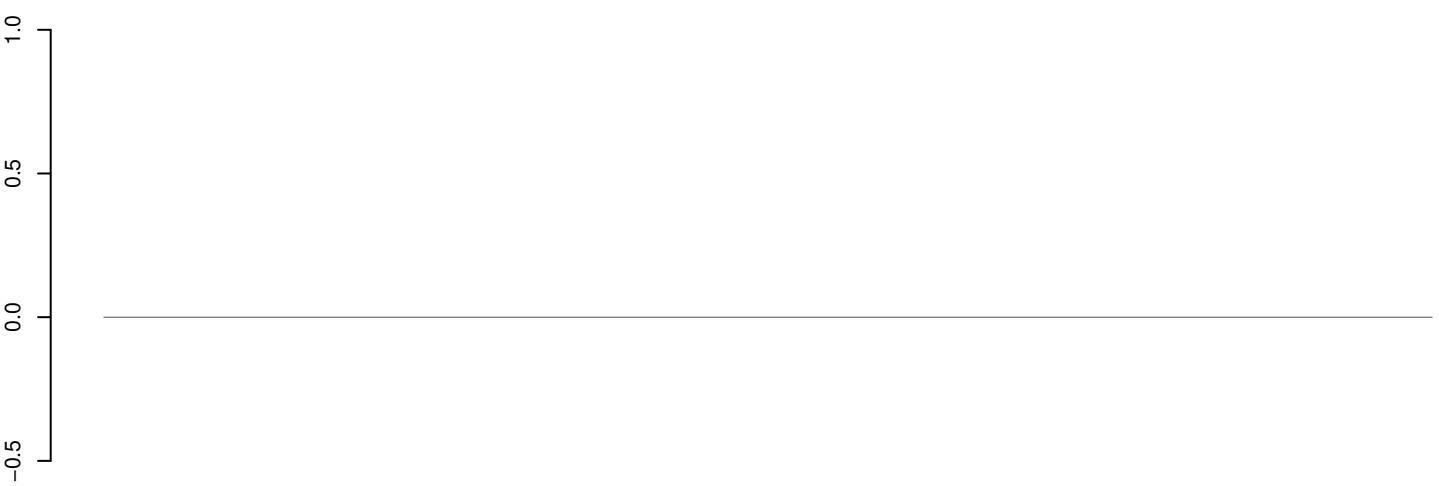
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

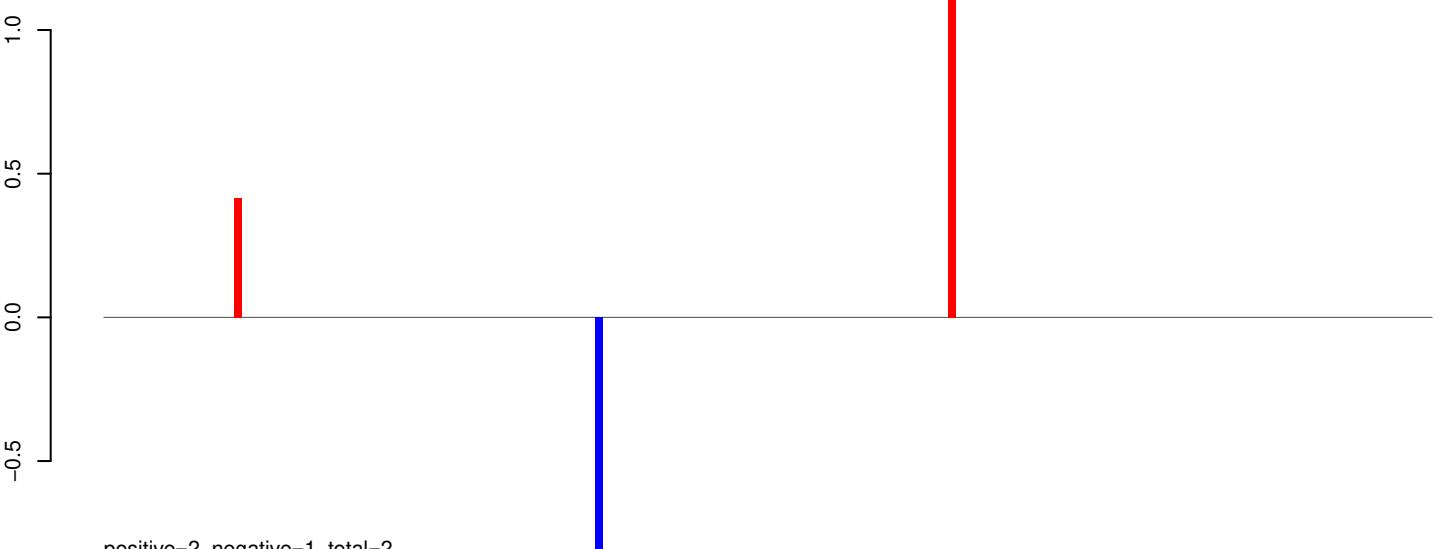


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



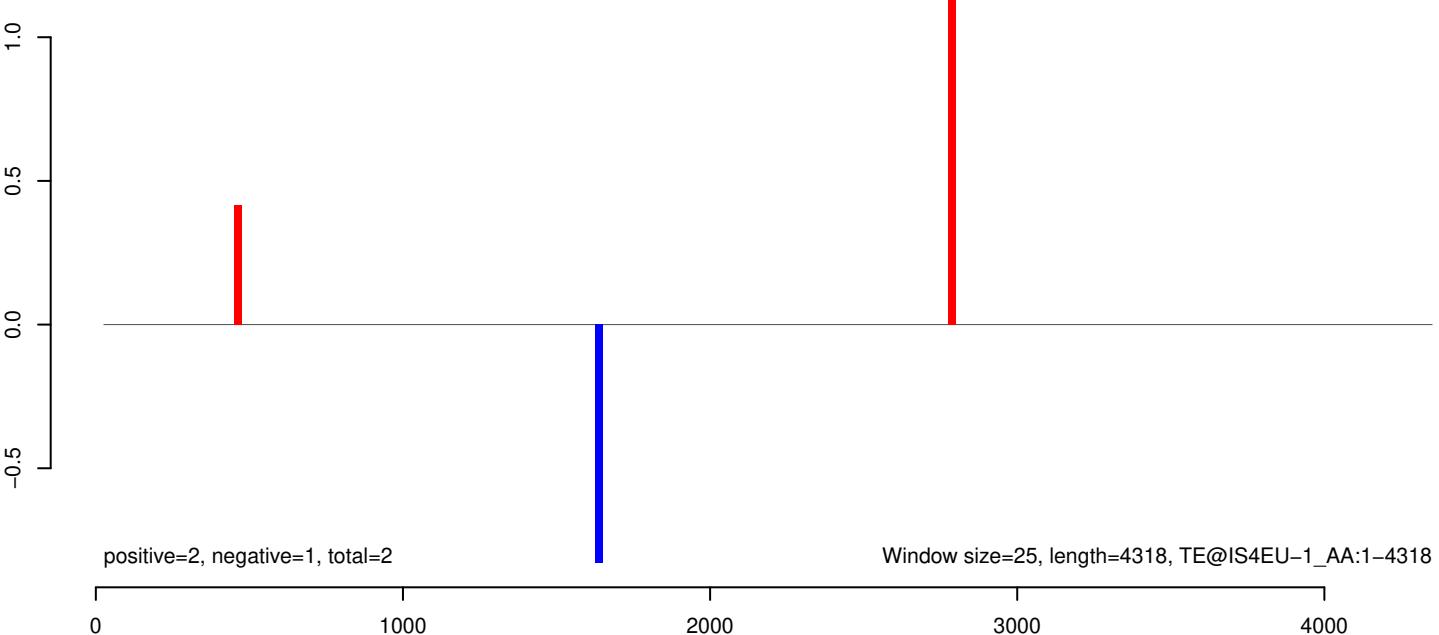
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



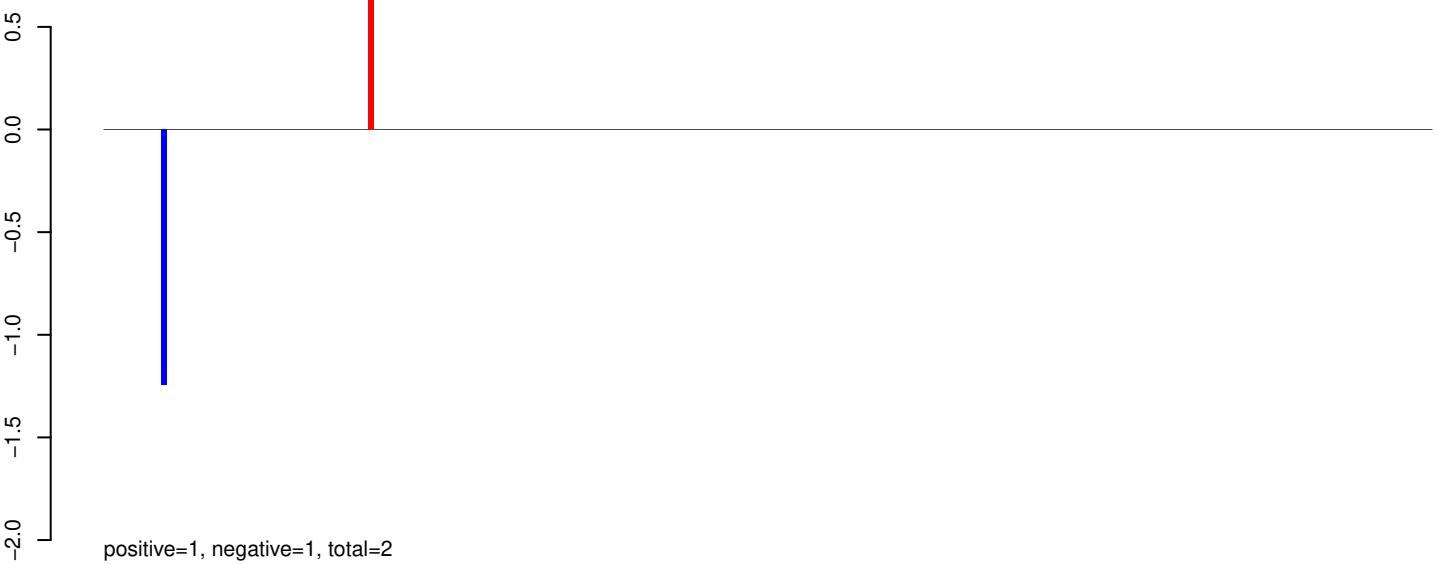
positive=2, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

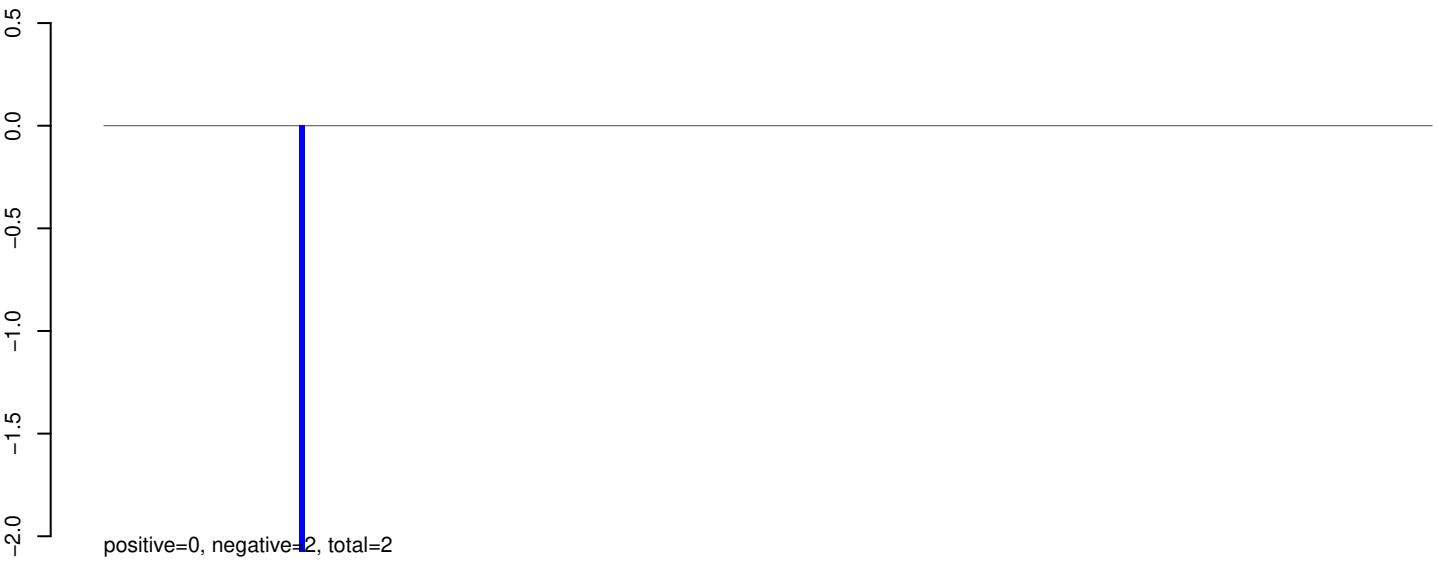


0 1000 2000 3000 4000

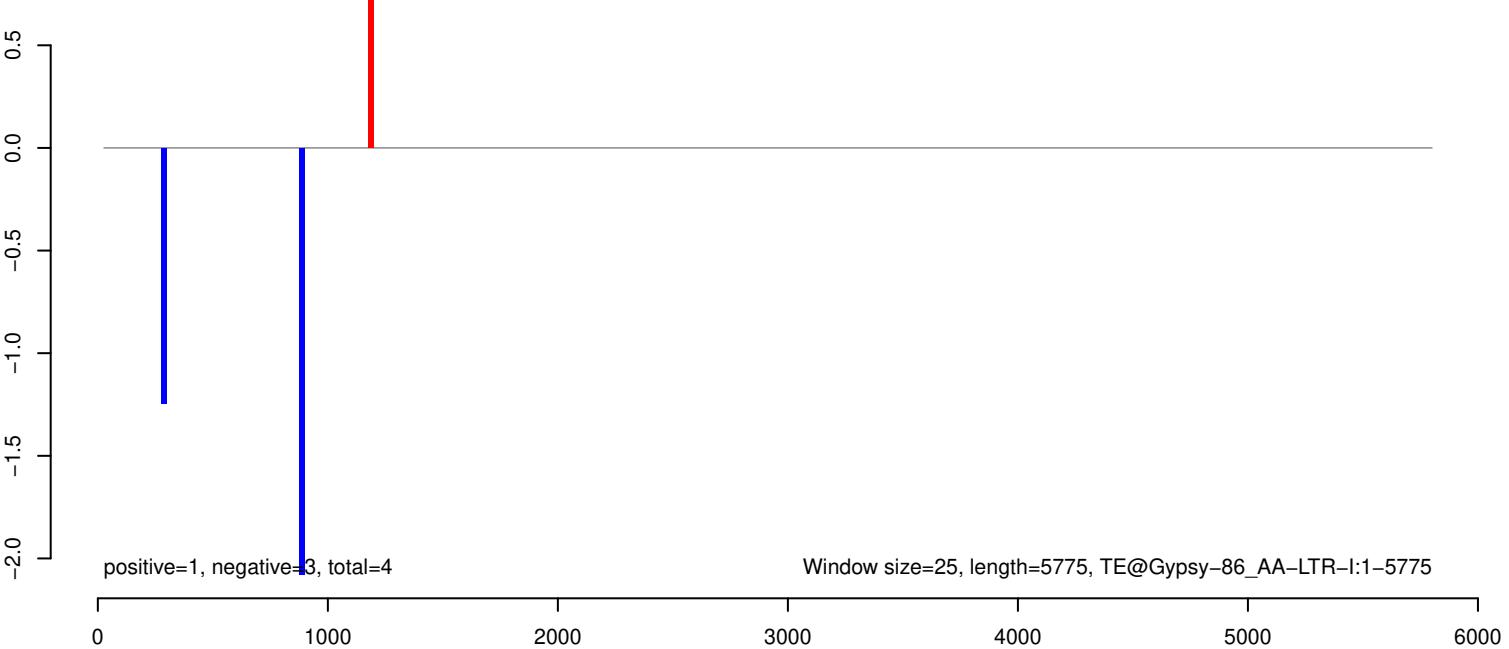
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

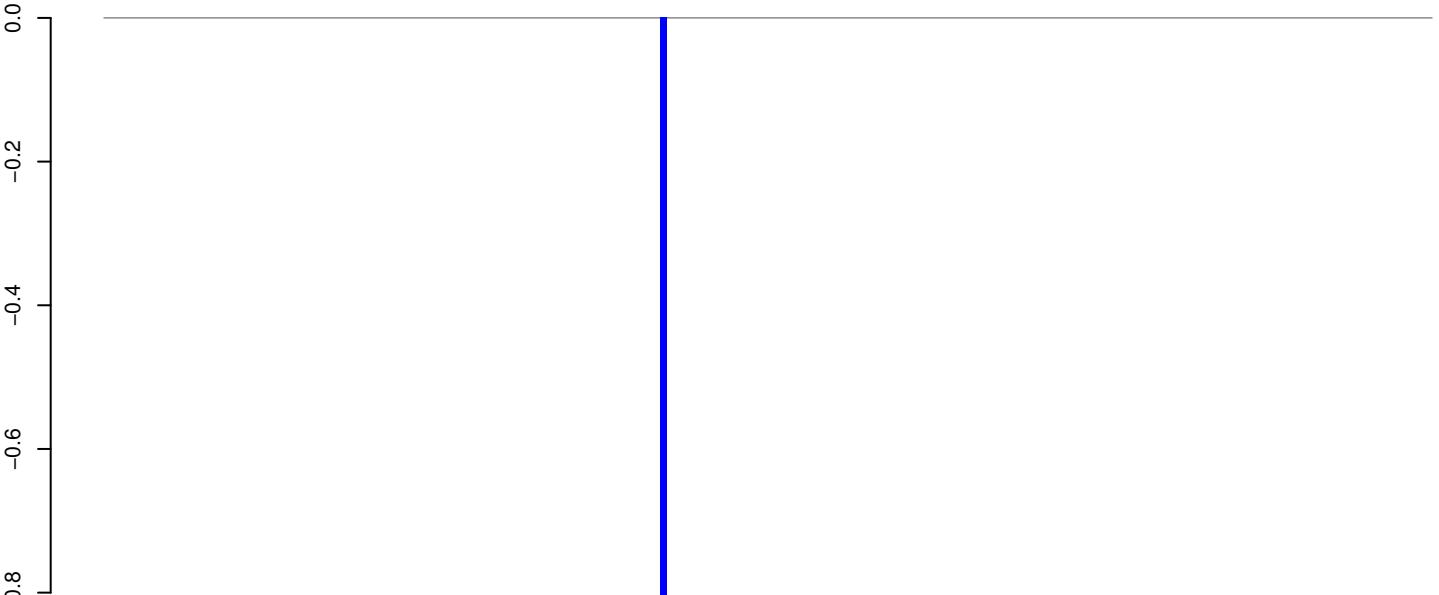


**AeAeg\_Whole\_sm\_r123\_JM.rep**



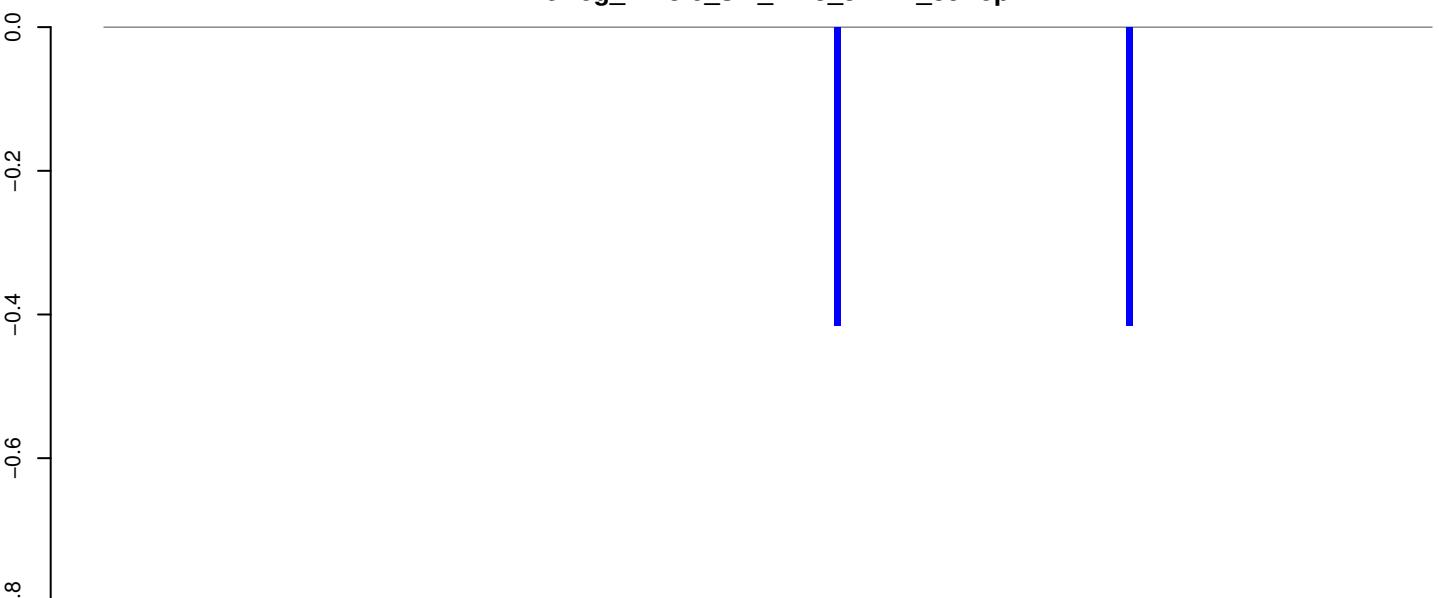
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

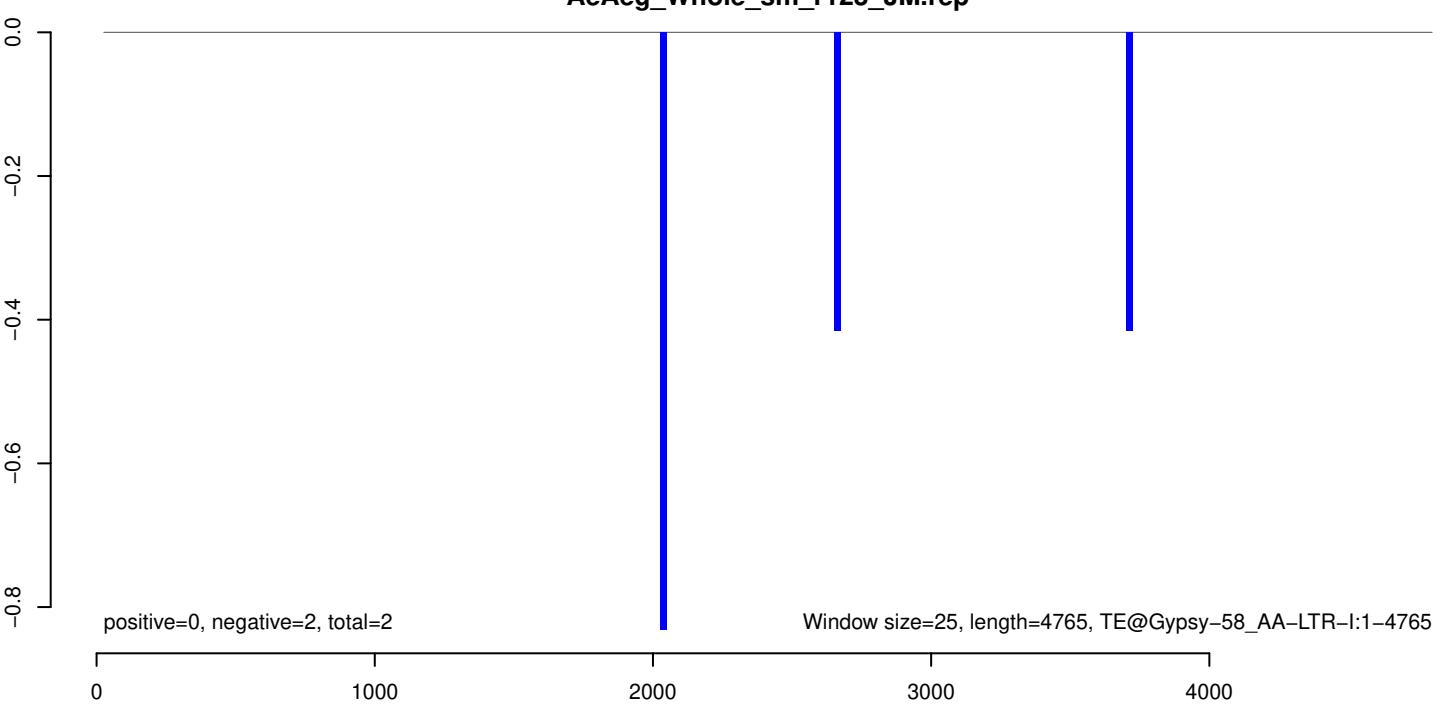
positive=0, negative=1, total=1



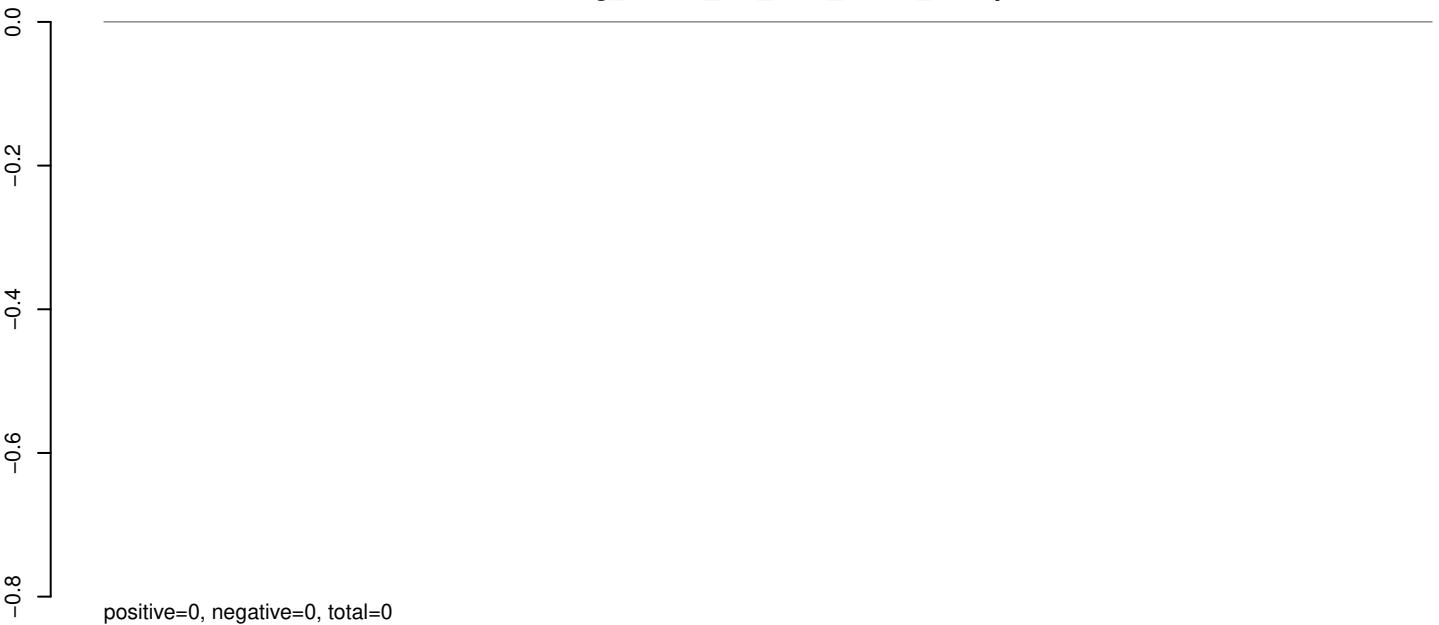
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

Window size=25, length=4765, TE@Gypsy-58\_AA-LTR-I:1-4765



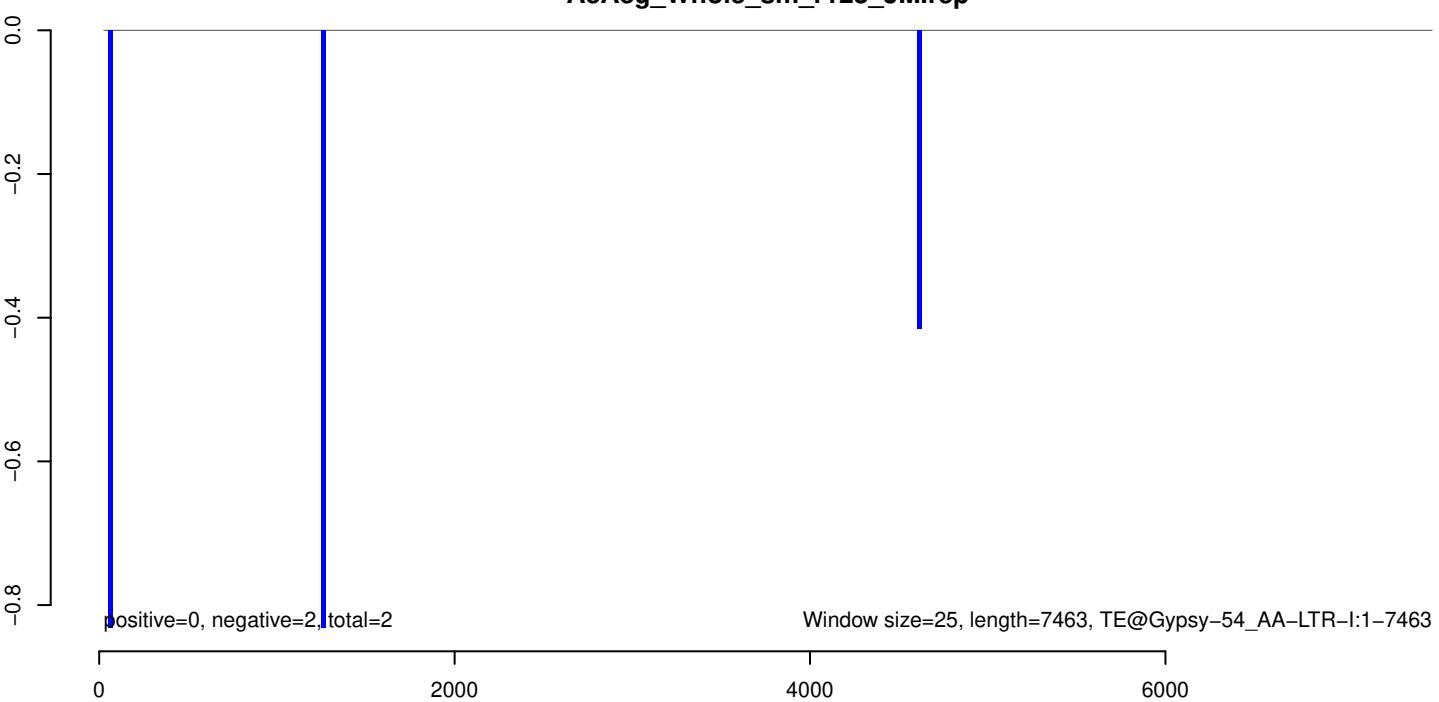
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

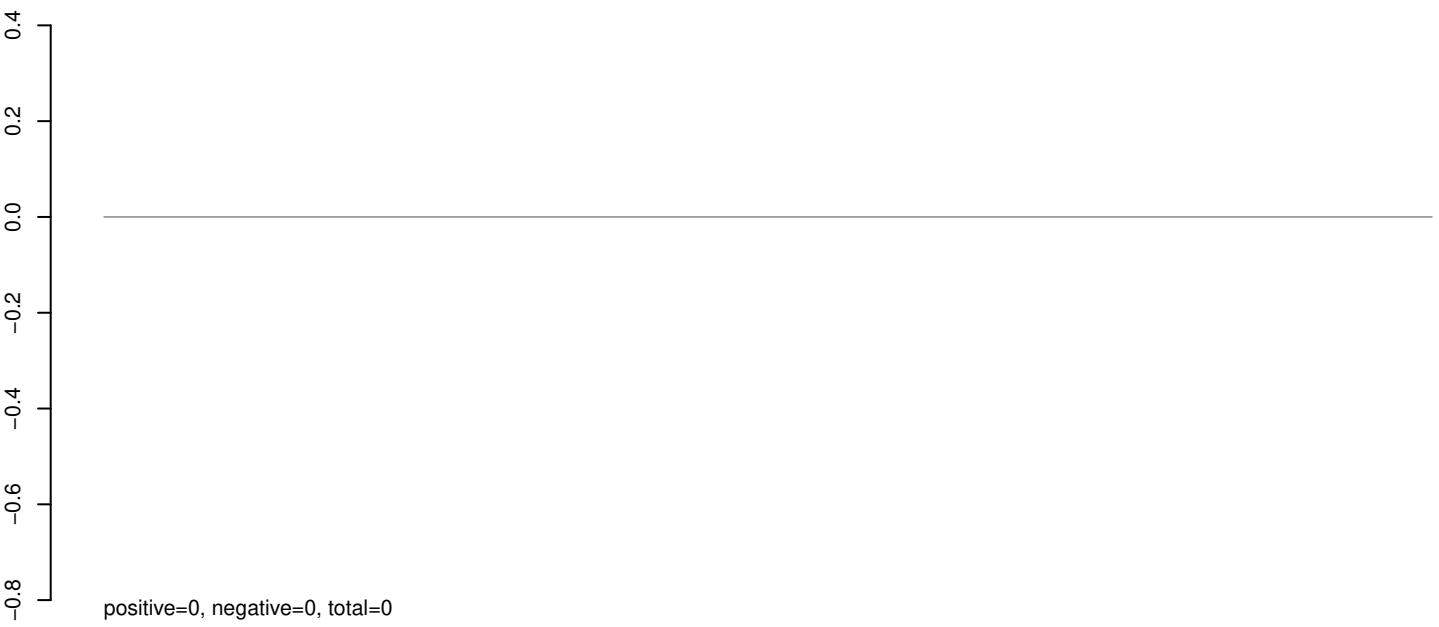


### AeAeg\_Whole\_sm\_r123\_JM.rep



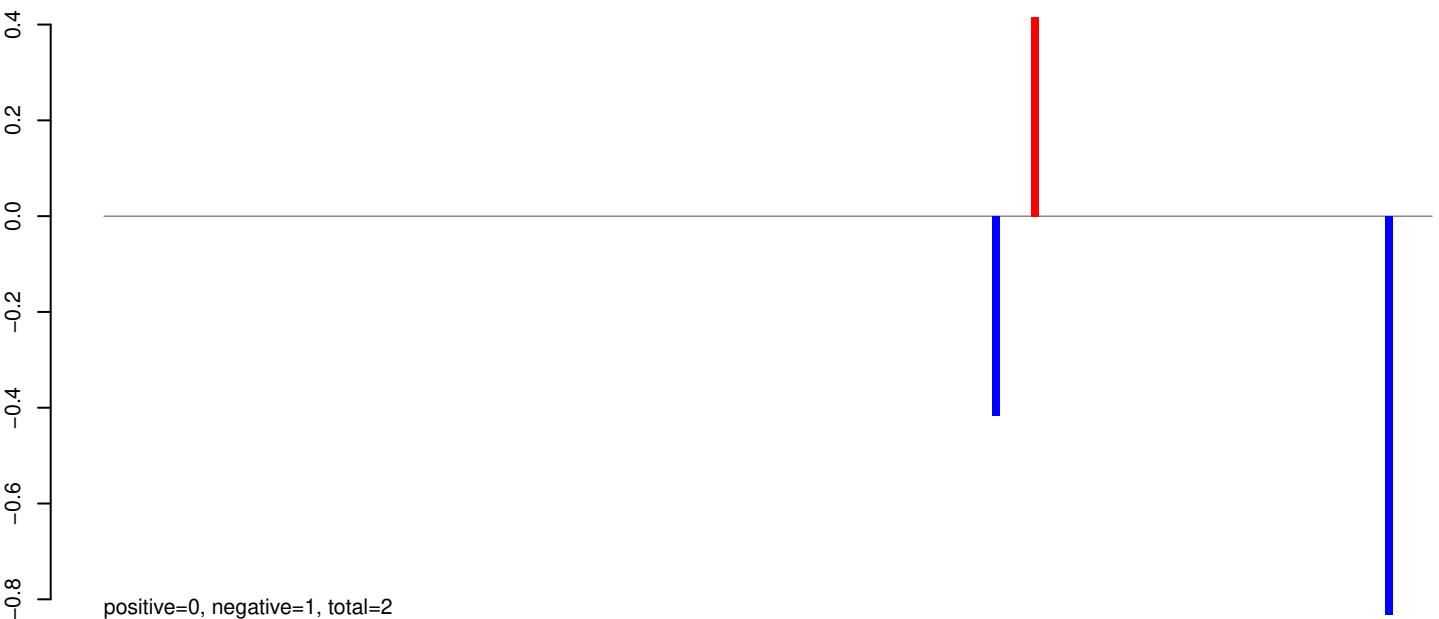
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

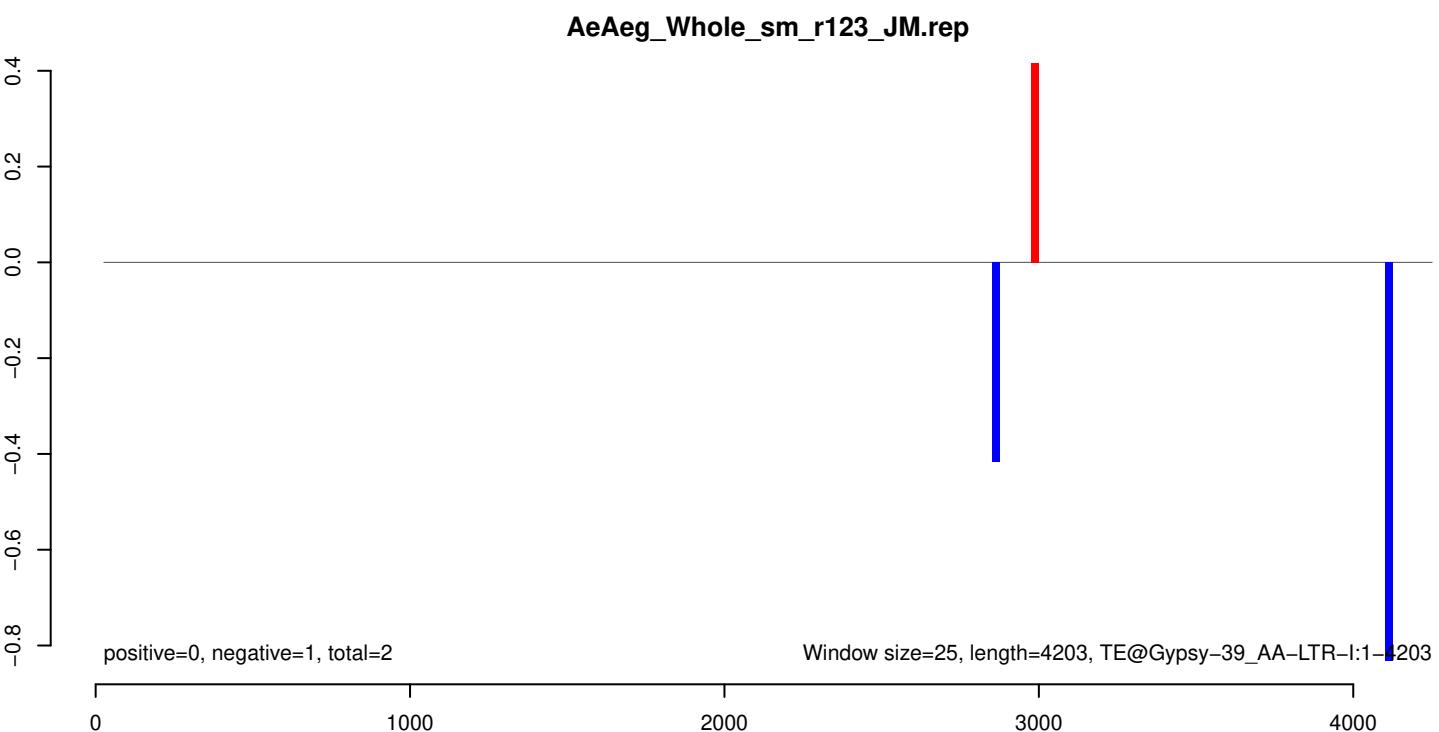
positive=0, negative=1, total=2



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=2

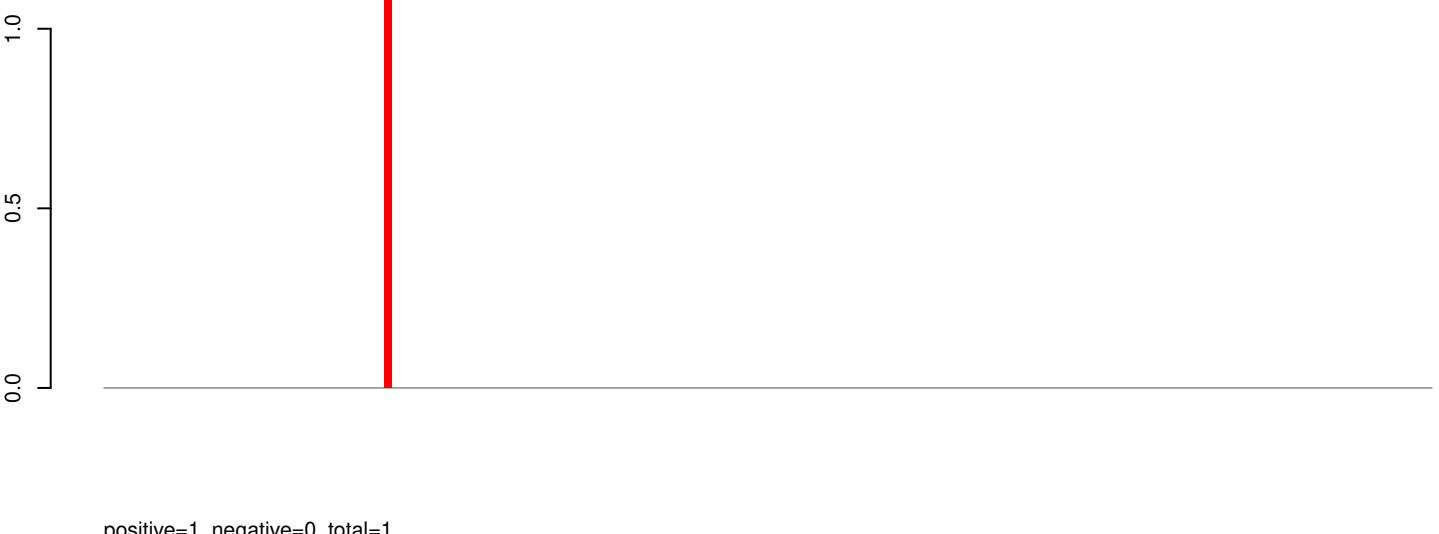
Window size=25, length=4203, TE@Gypsy-39\_AA-LTR-I:1-4203



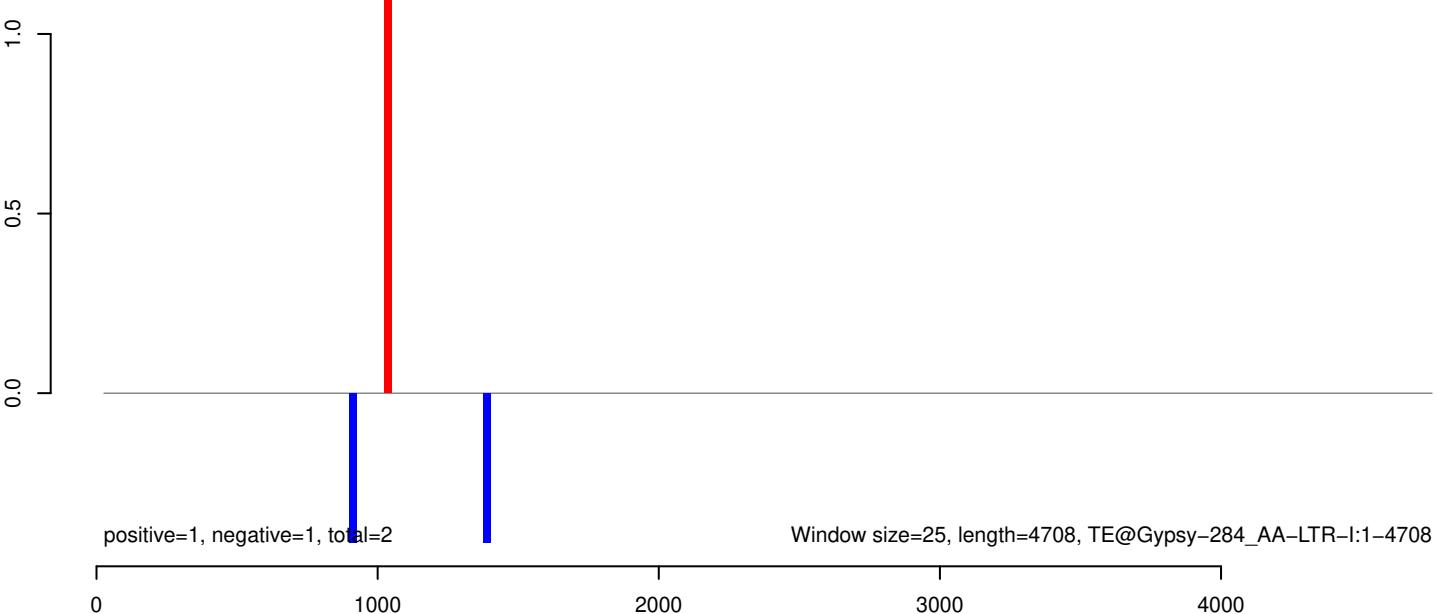
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



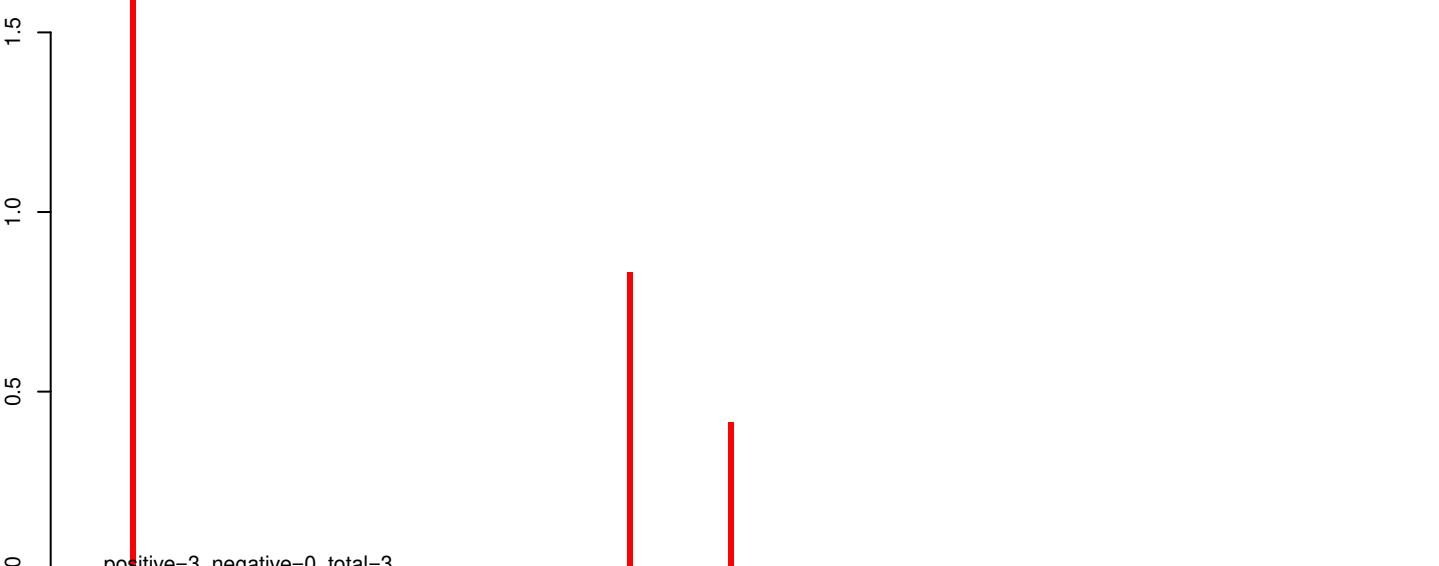
**AeAeg\_Whole\_sm\_r123\_JM.rep**



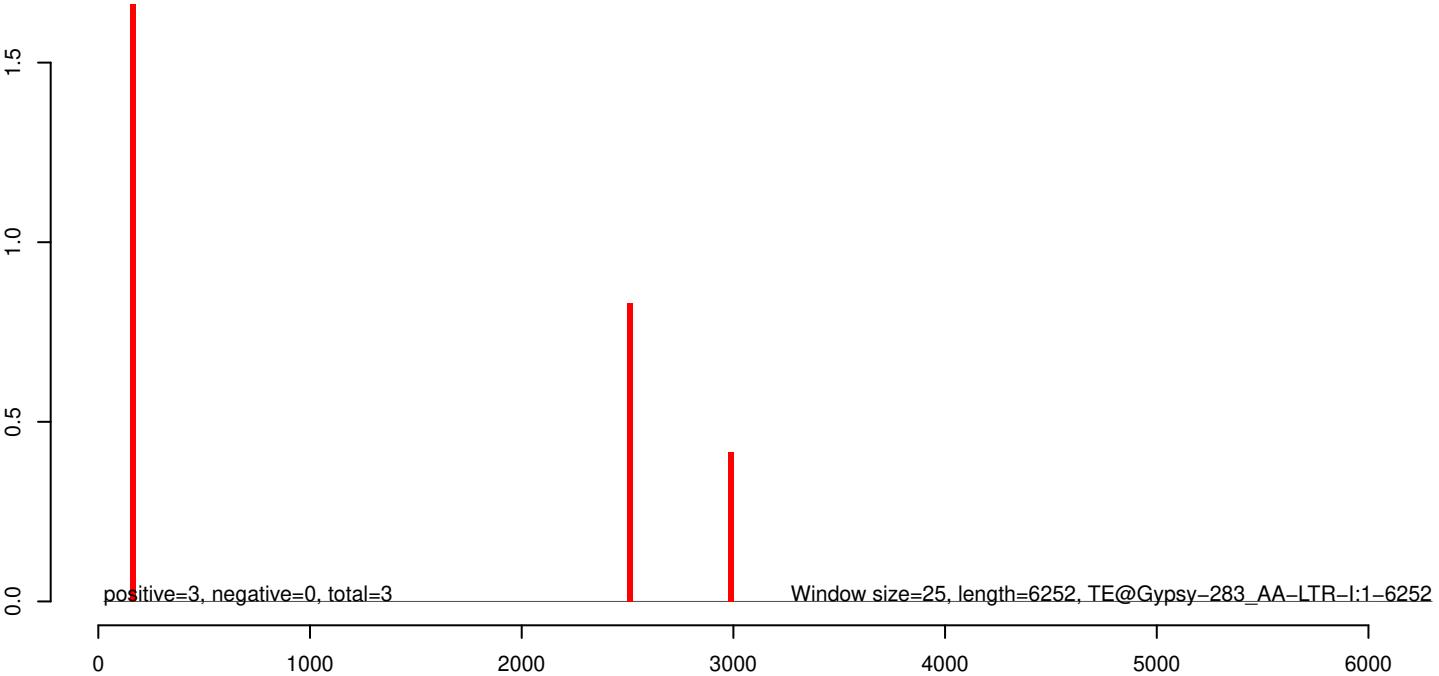
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

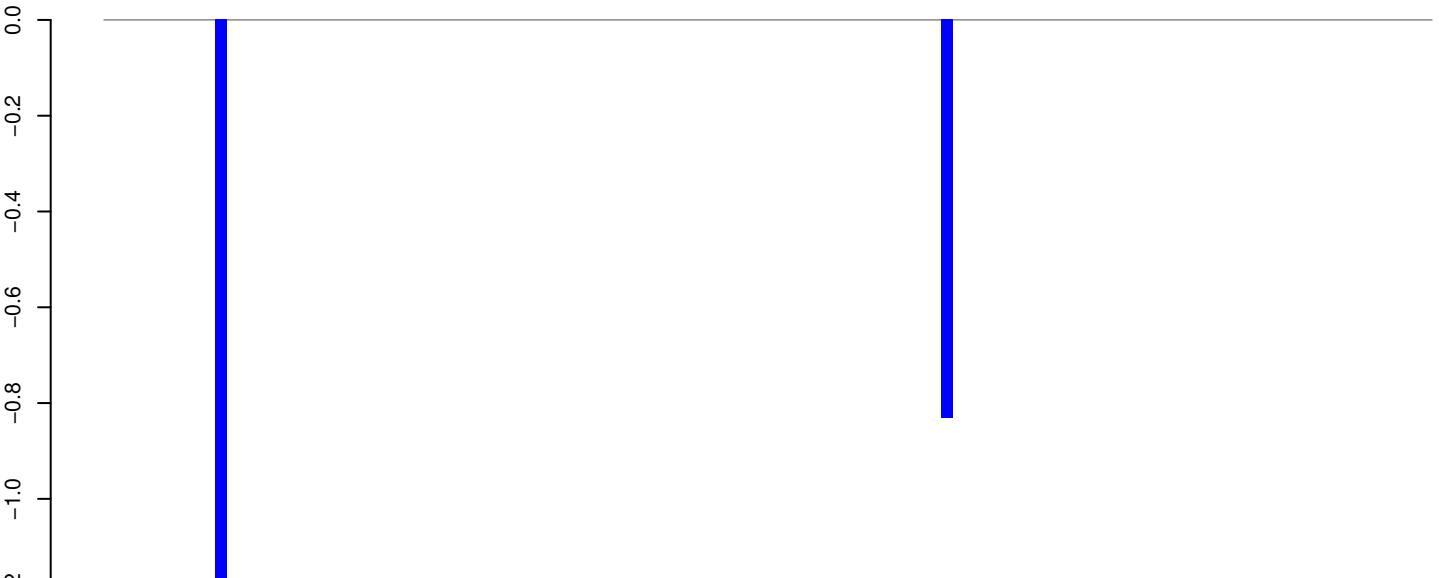


**AeAeg\_Whole\_sm\_r123\_JM.rep**



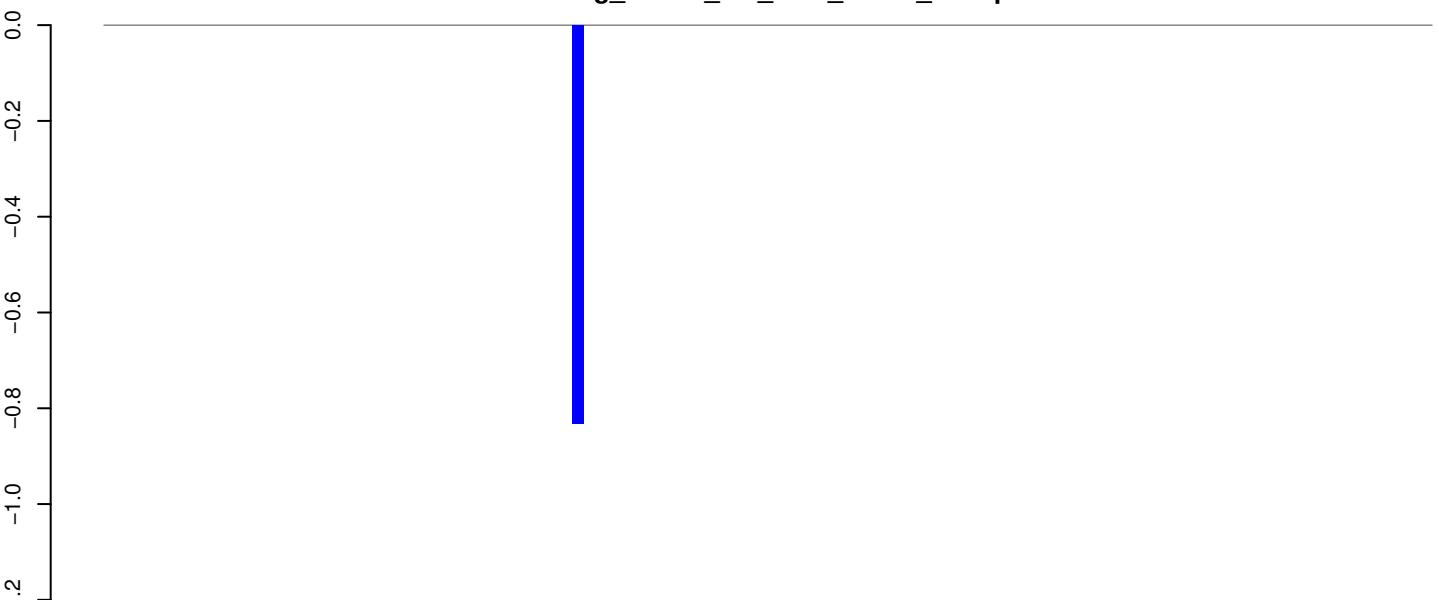
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

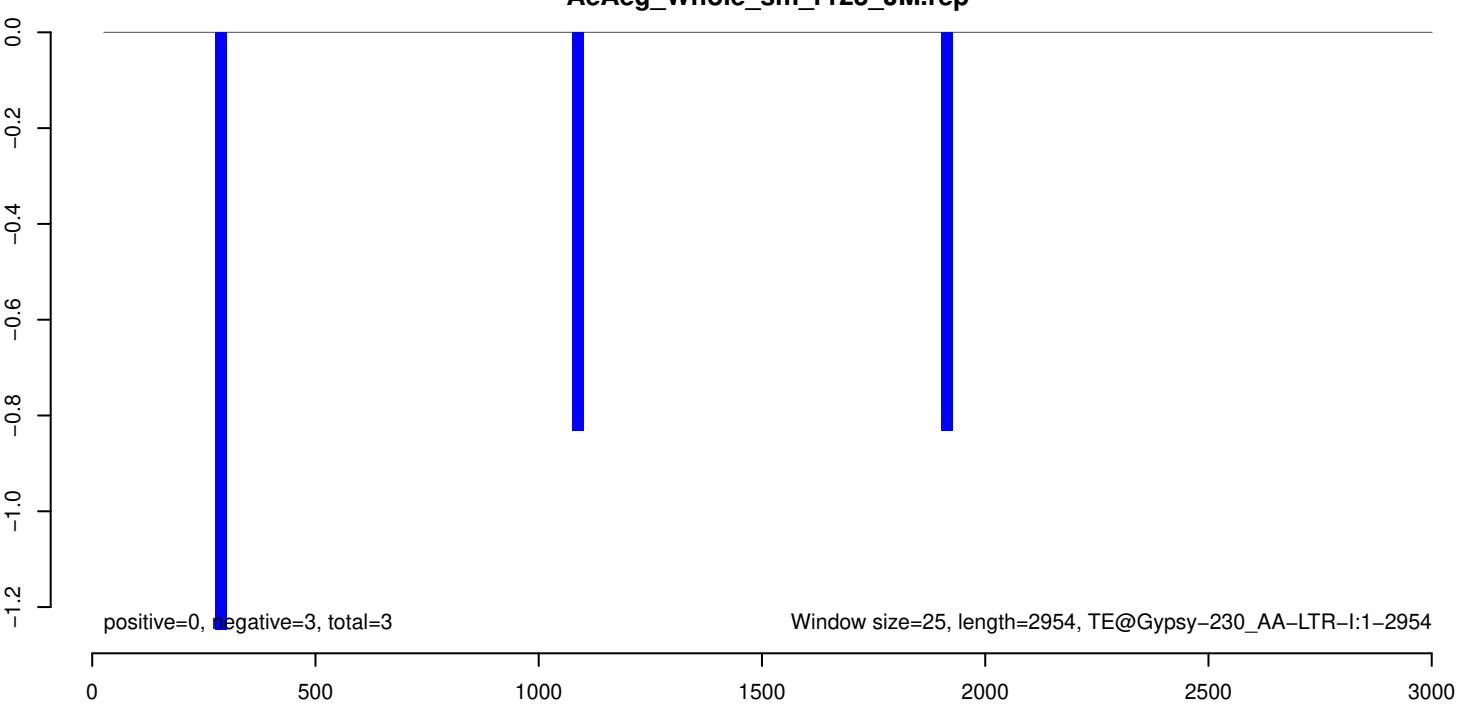
positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.rep

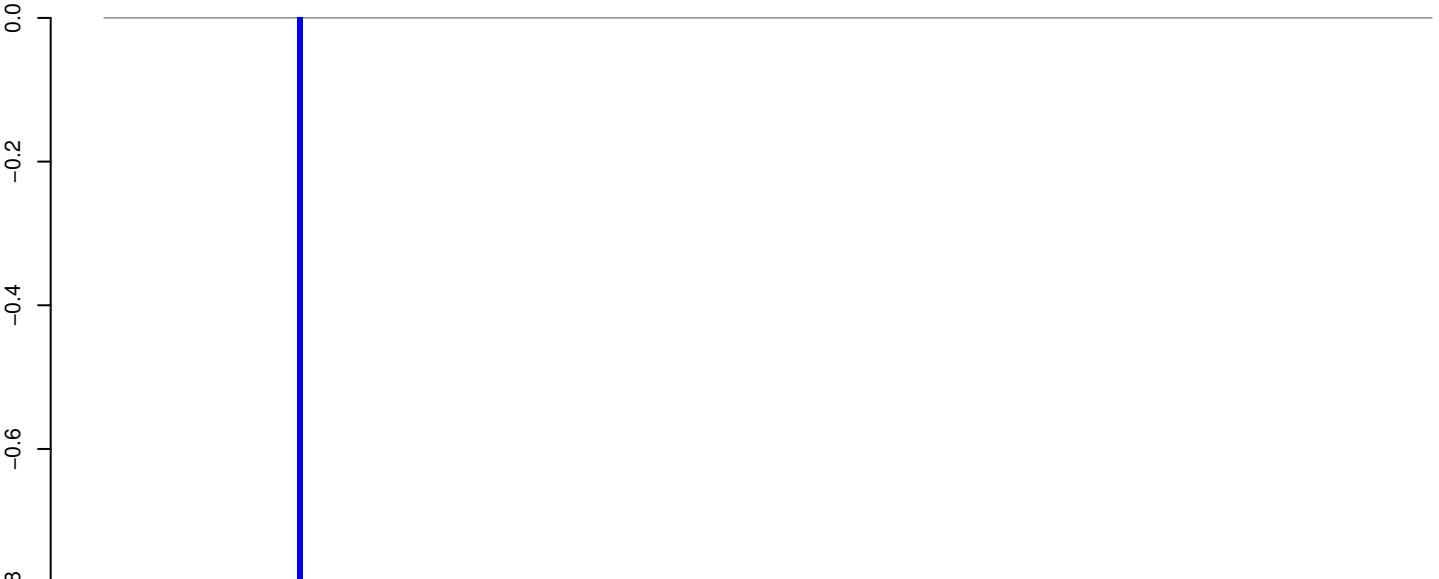
positive=0, negative=3, total=3

Window size=25, length=2954, TE@Gypsy-230\_AA-LTR-I:1-2954



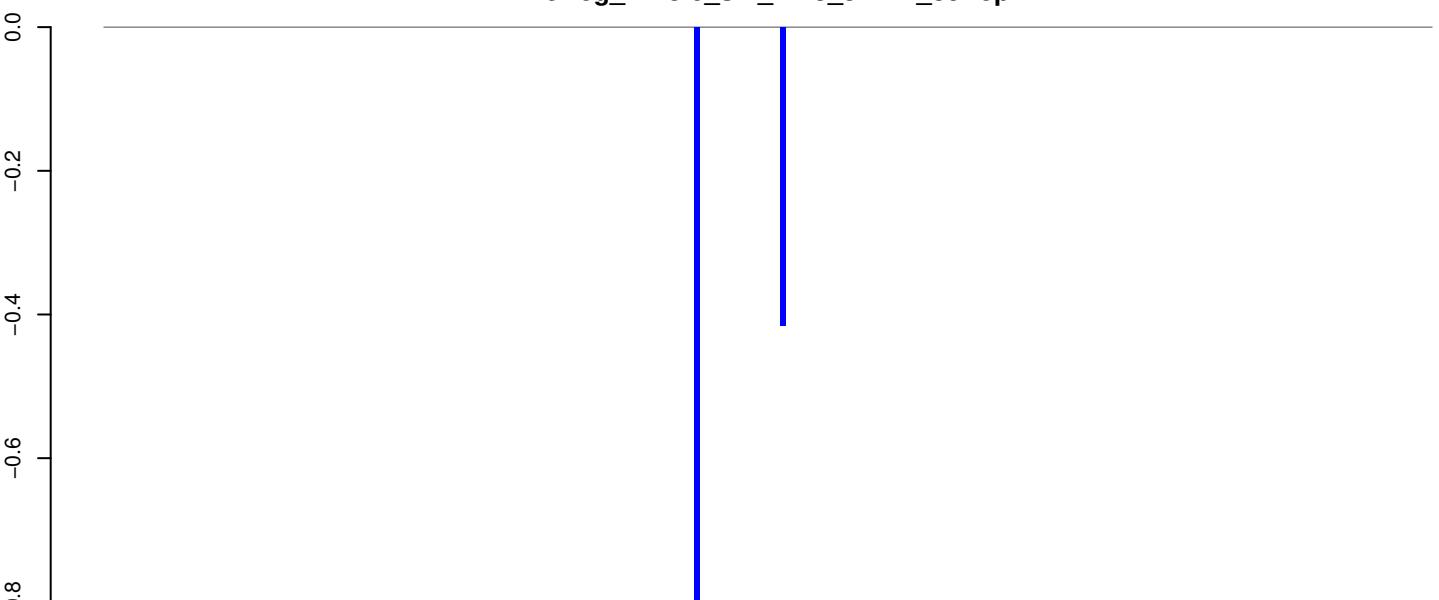
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

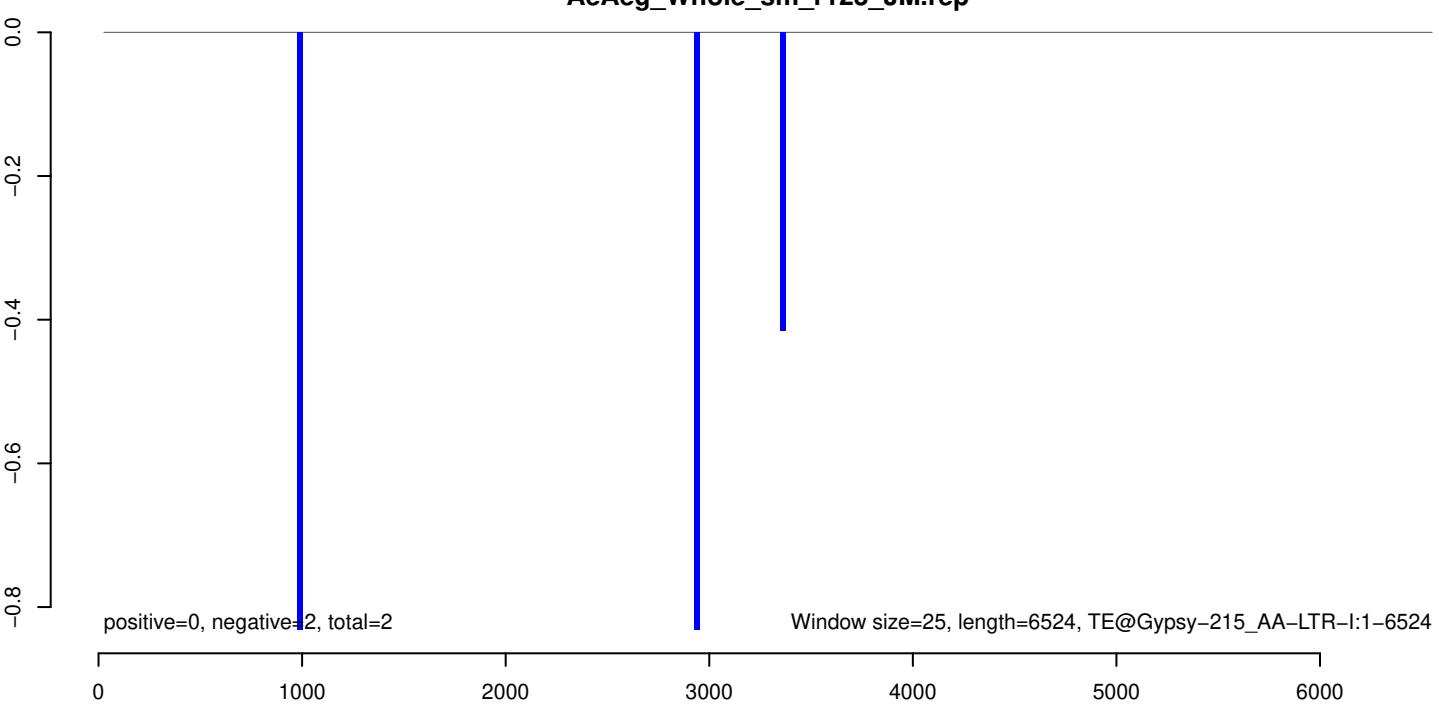
positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

Window size=25, length=6524, TE@Gypsy-215\_AA-LTR-I:1-6524



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

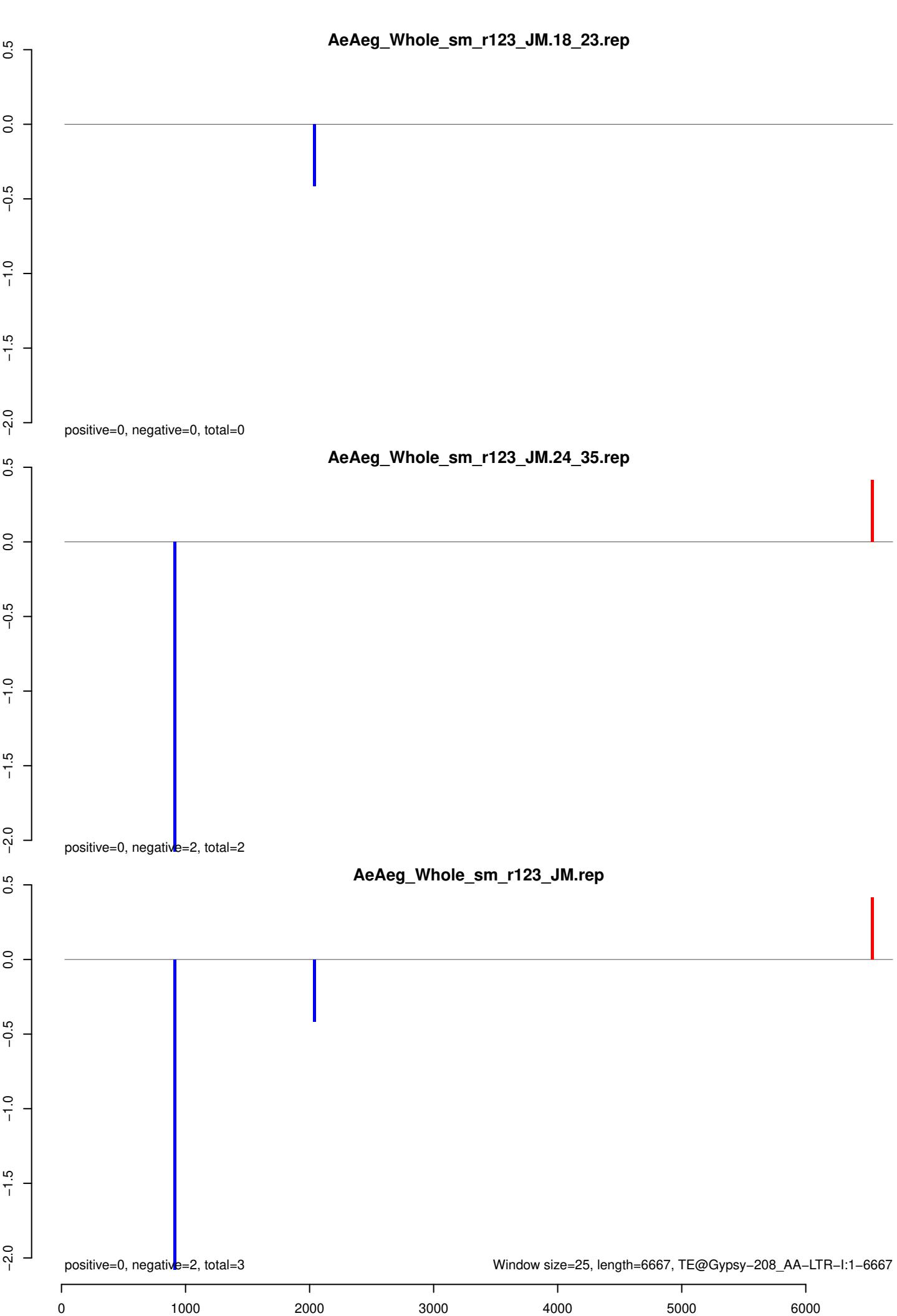
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=2, total=2

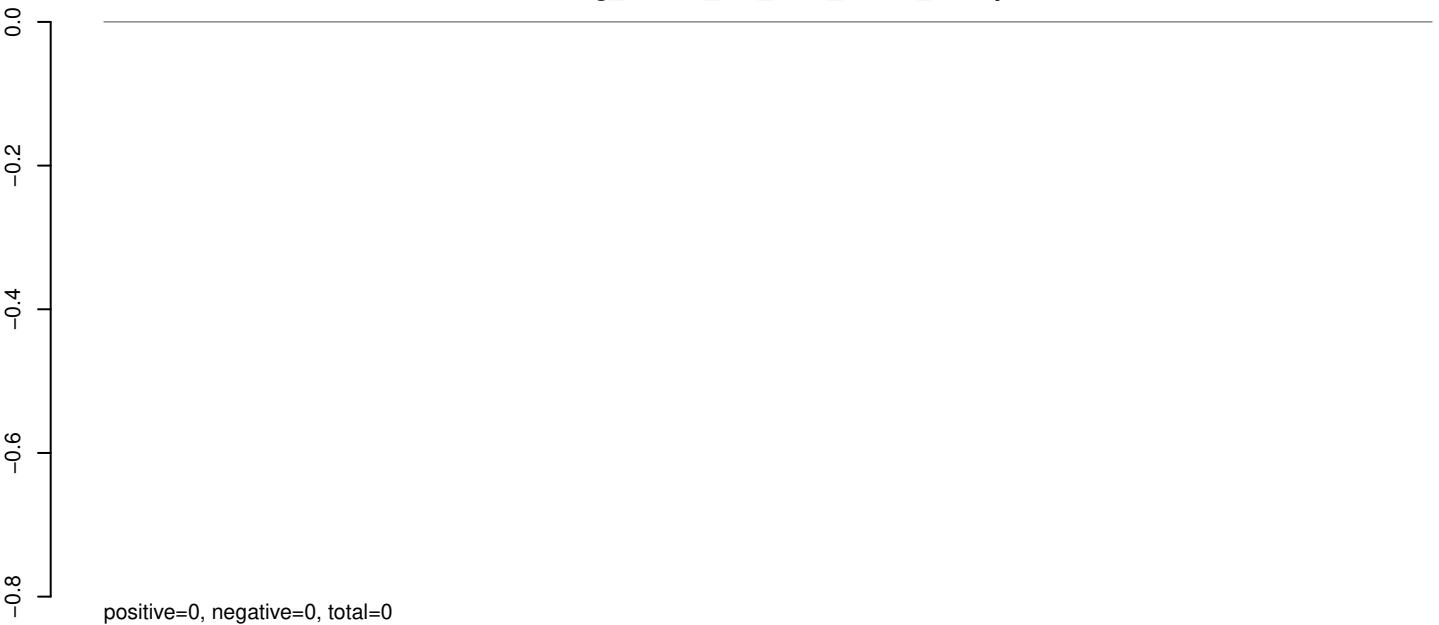
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=3

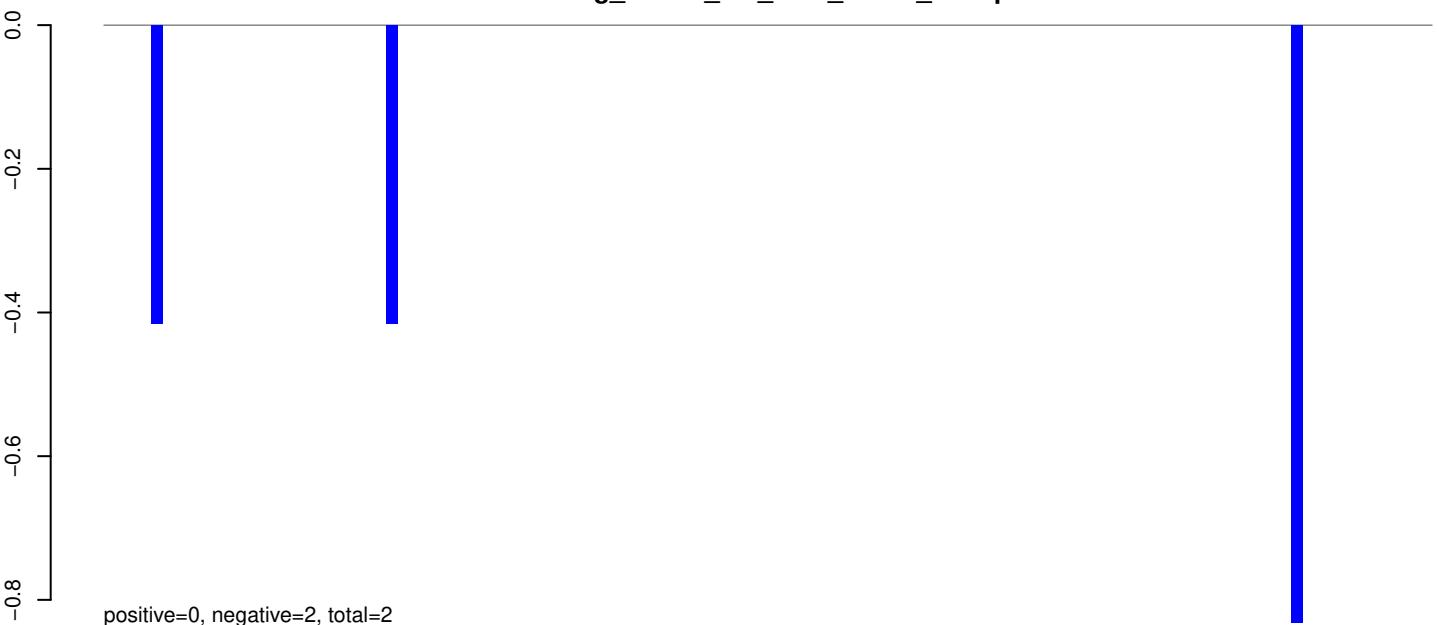
Window size=25, length=6667, TE@Gypsy-208\_AA-LTR-I:1-6667



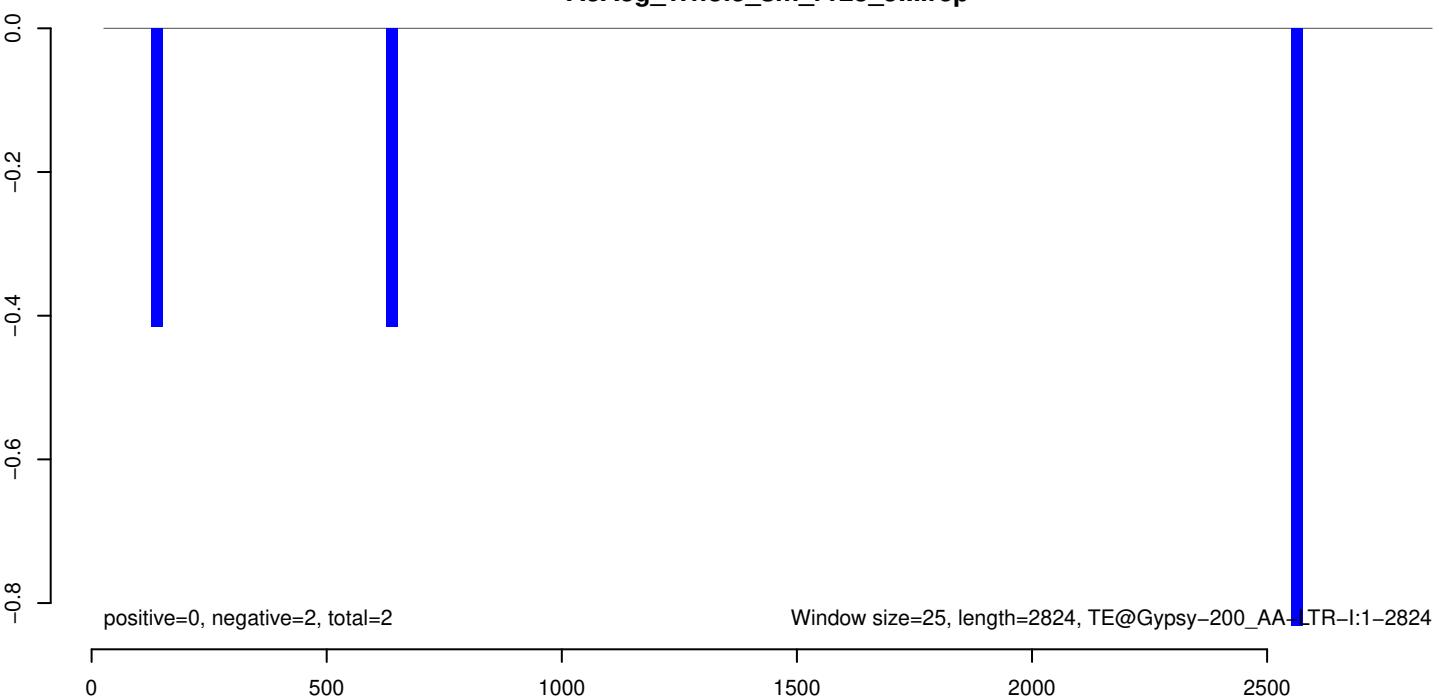
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



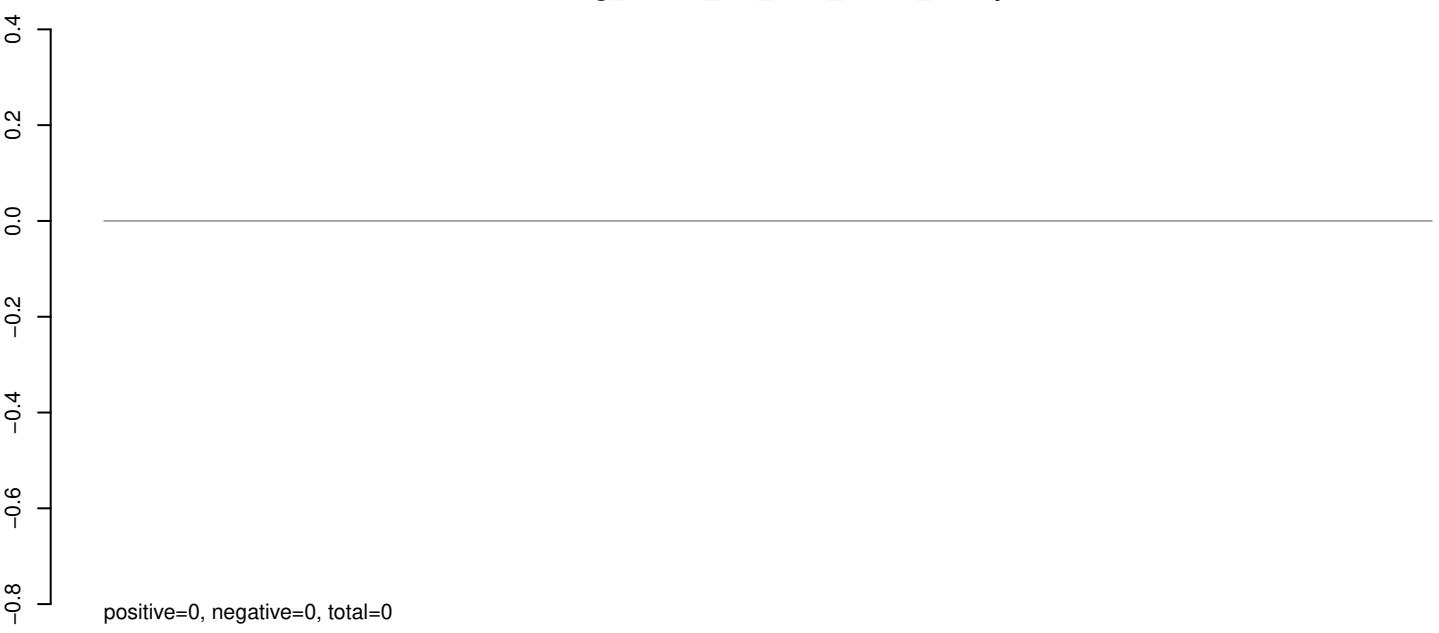
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



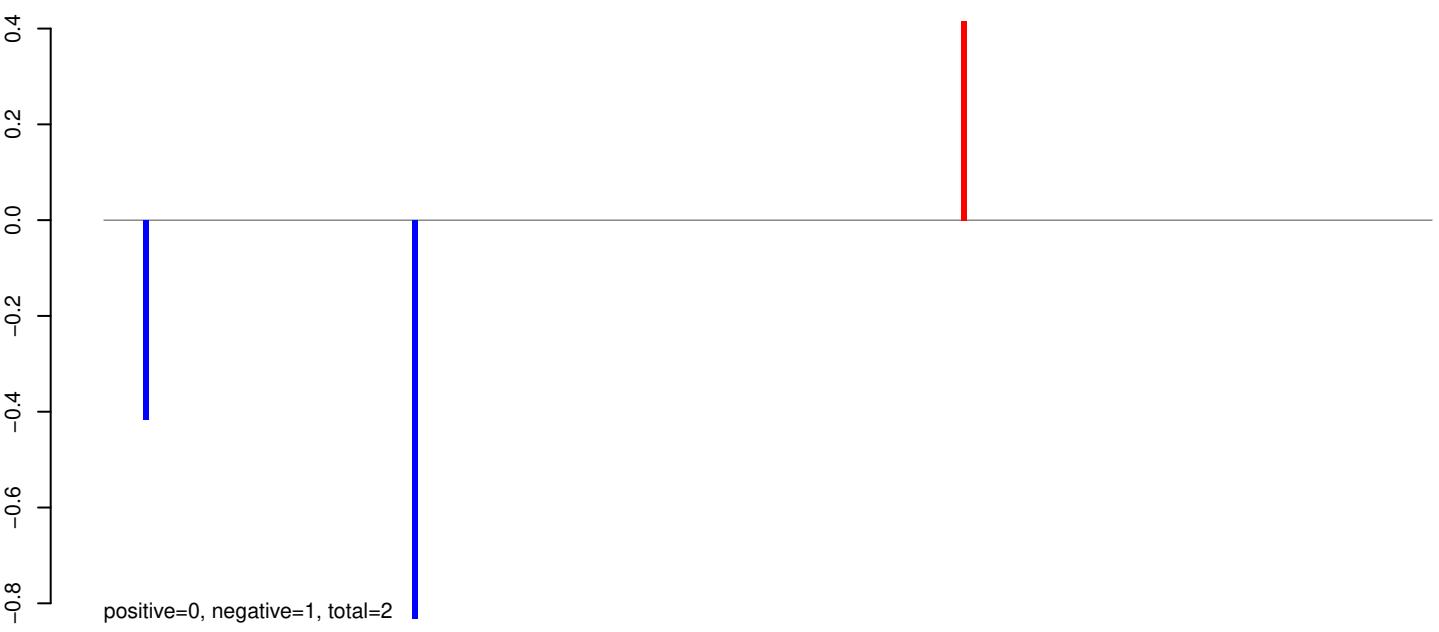
### AeAeg\_Whole\_sm\_r123\_JM.rep



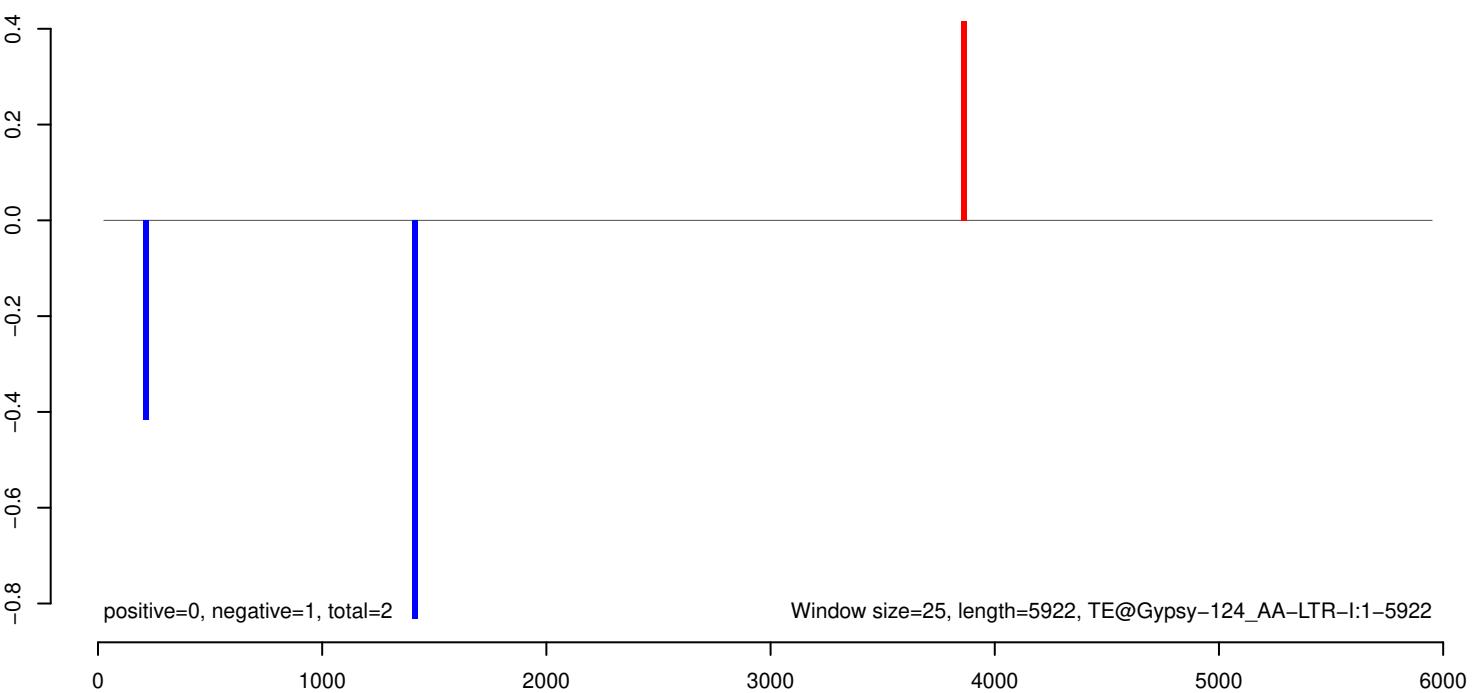
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



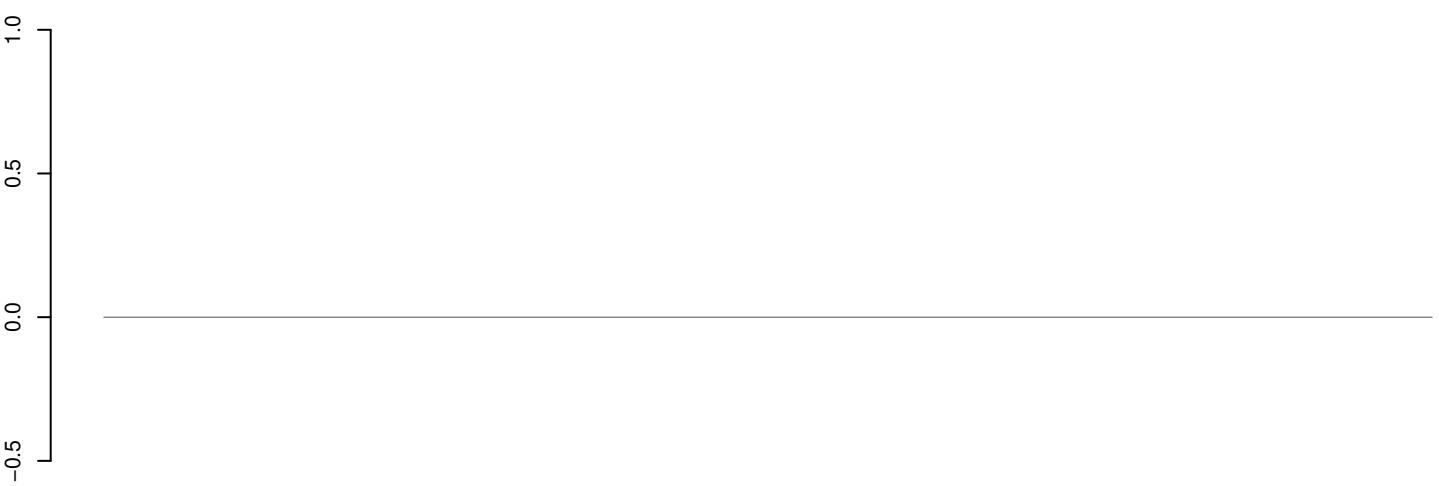
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



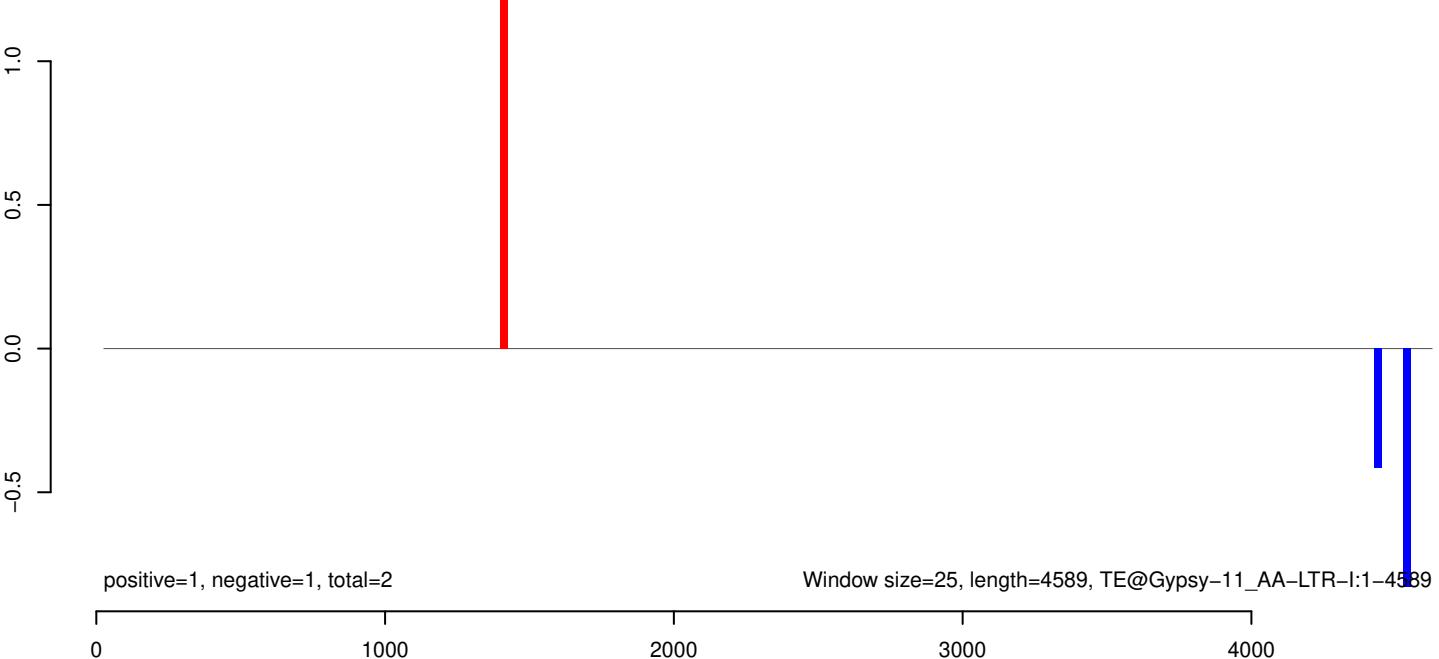
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

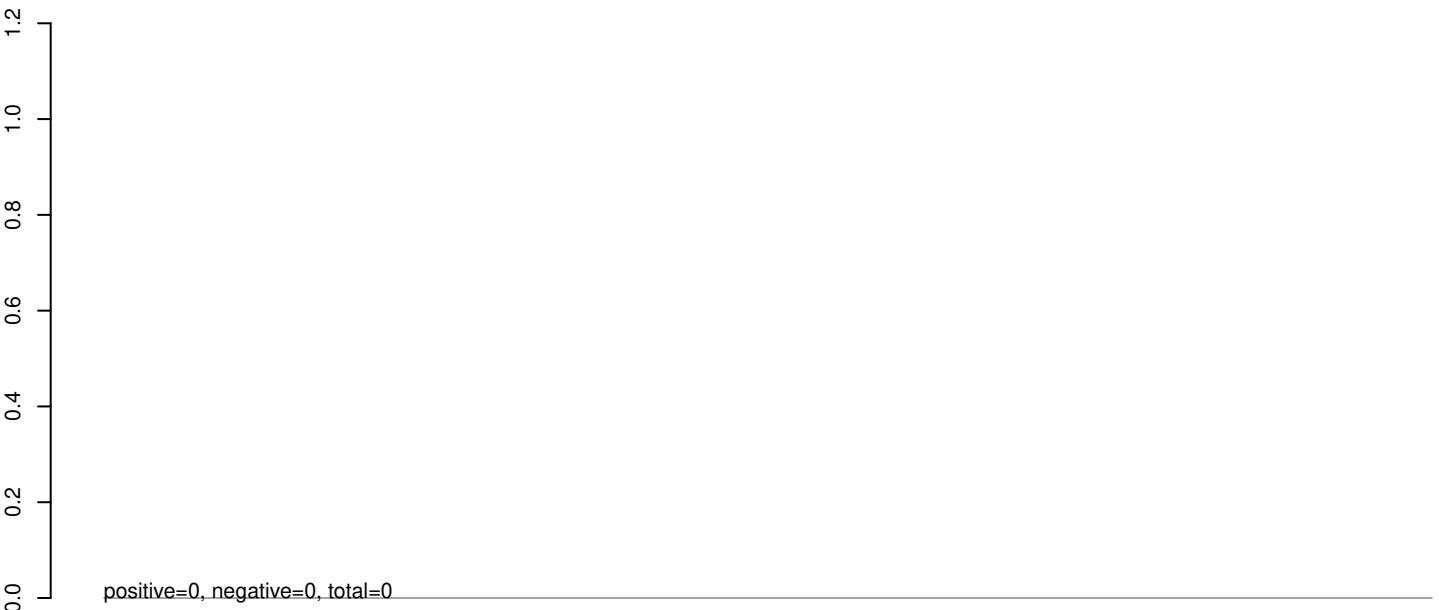


positive=1, negative=1, total=2

Window size=25, length=4589, TE@Gypsy-11\_AA-LTR-I:1-4589

0 1000 2000 3000 4000

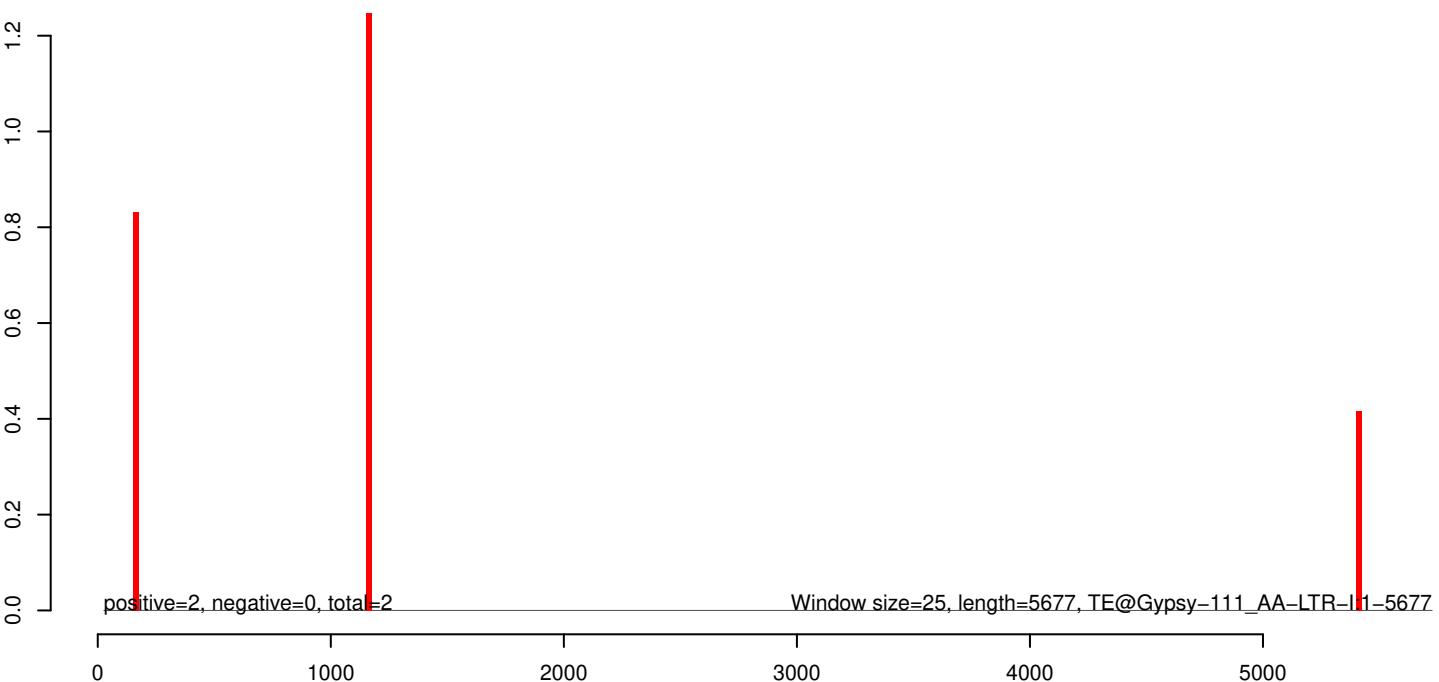
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



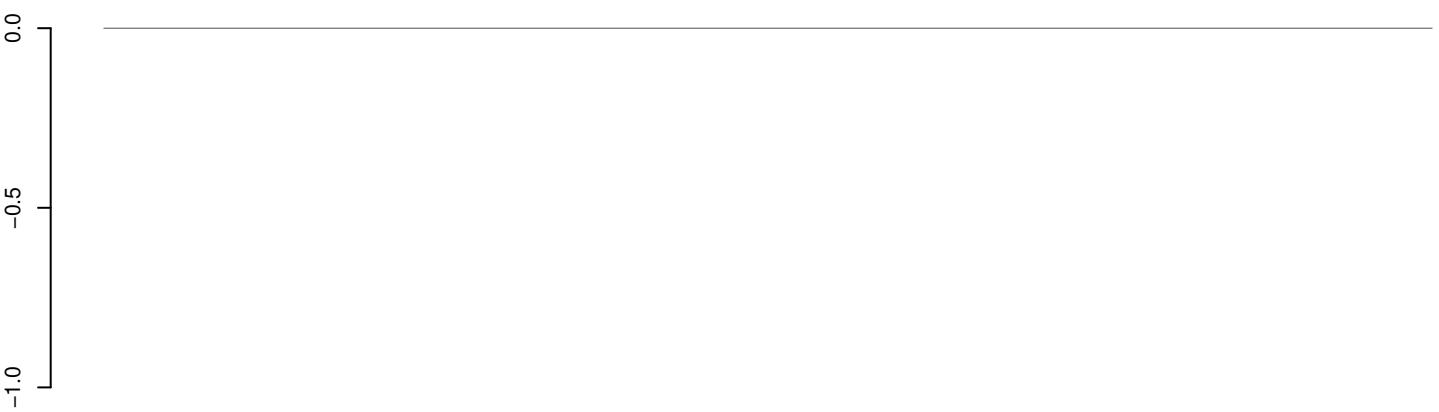
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

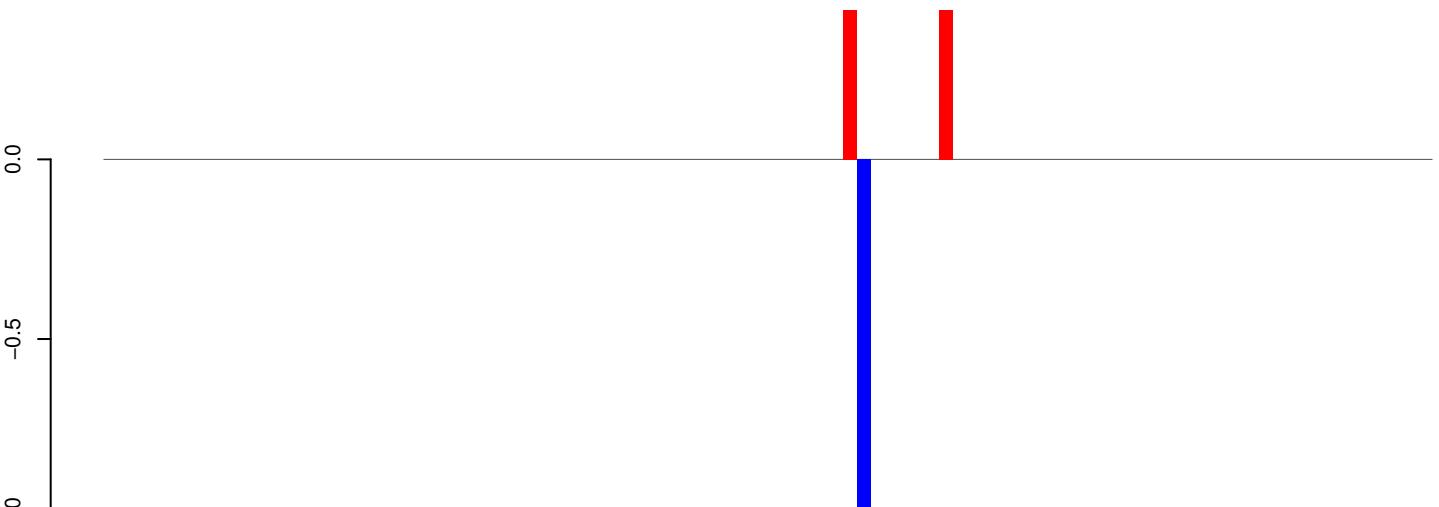


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



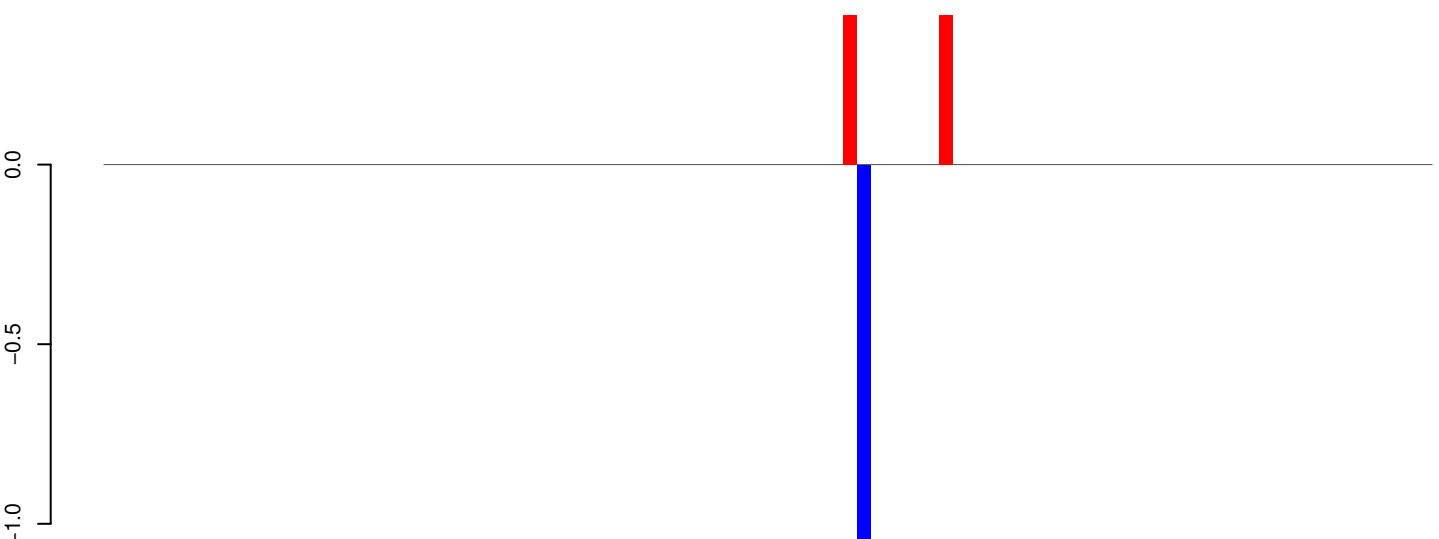
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



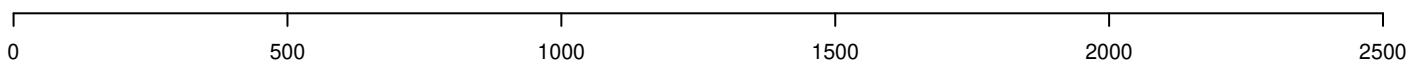
positive=1, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

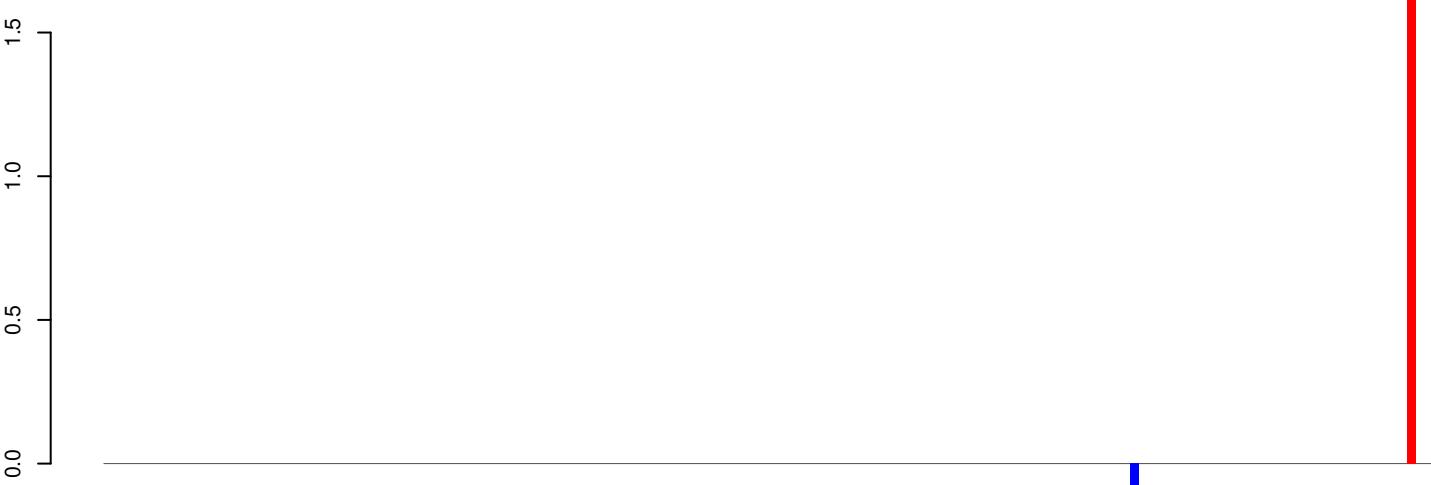


positive=1, negative=1, total=2

Window size=25, length=2424, TE@DNA-TA-5\_AAc:1-2424

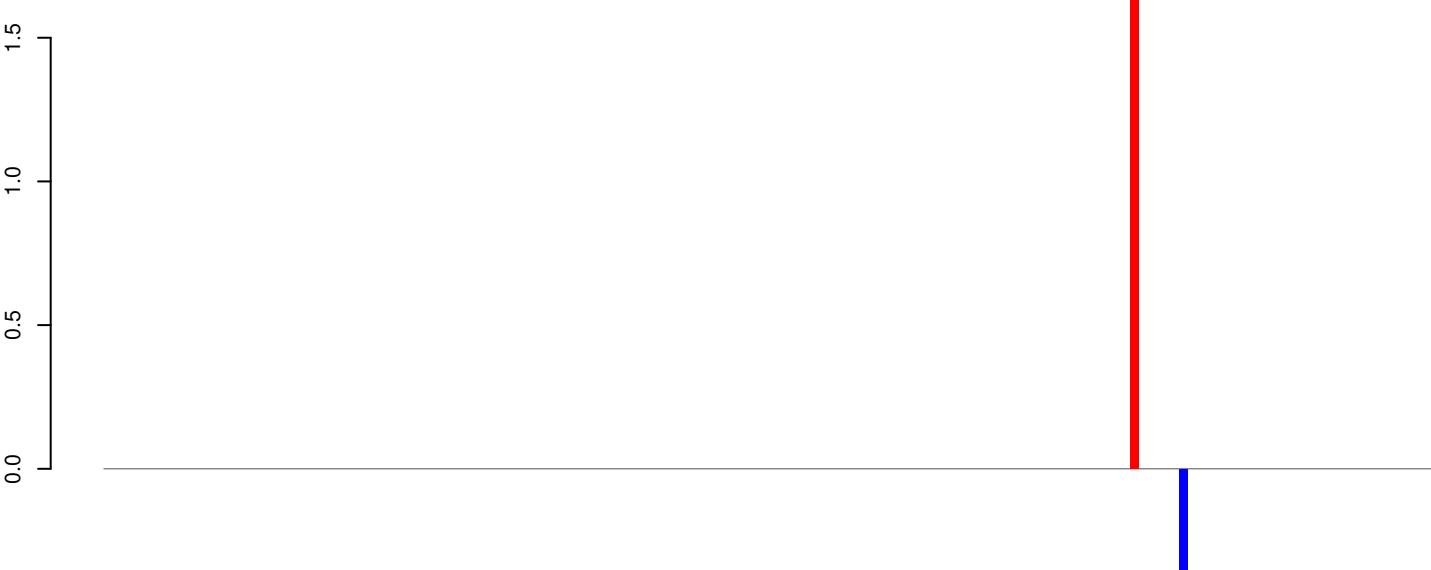


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



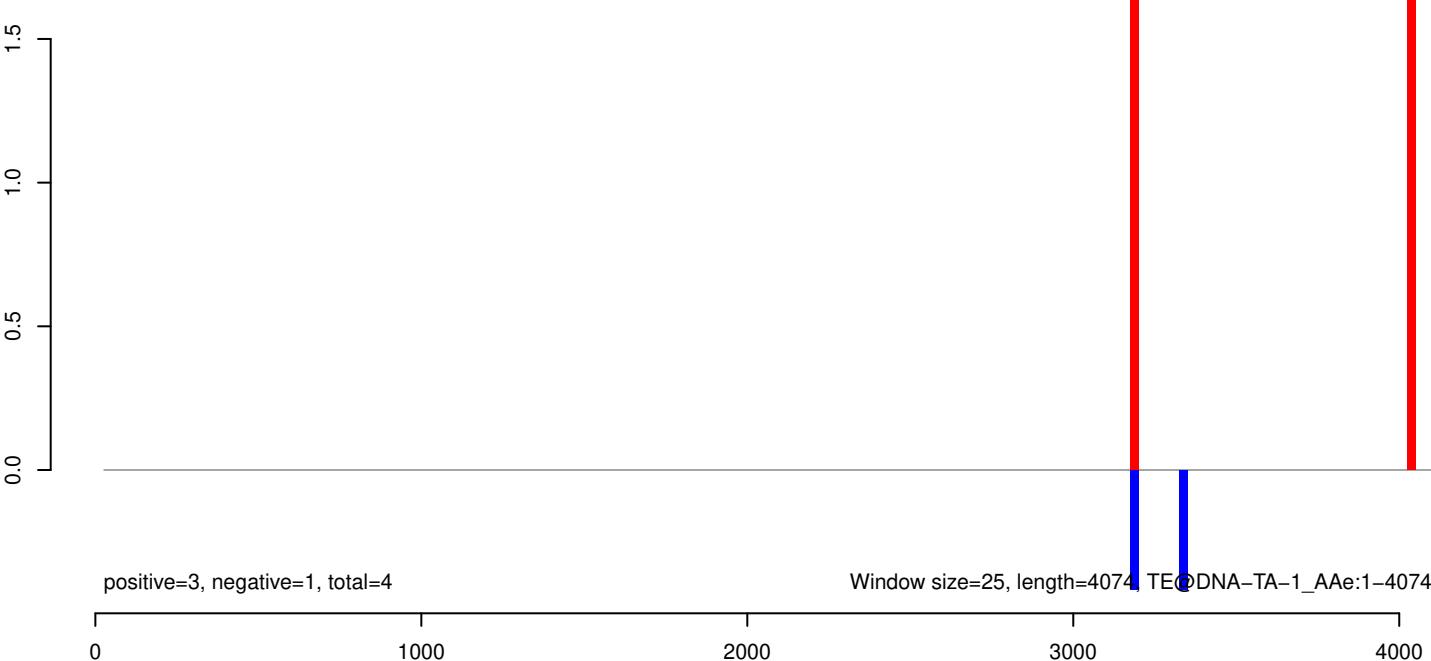
positive=2, negative=0, total=2

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

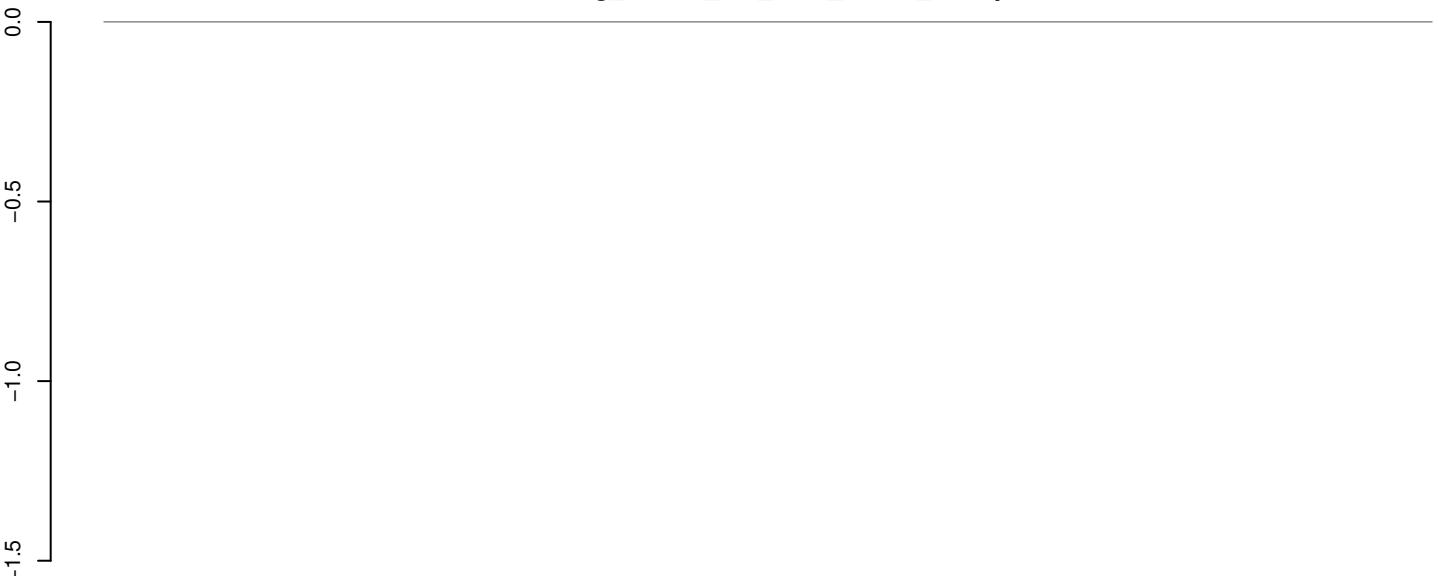


positive=2, negative=0, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

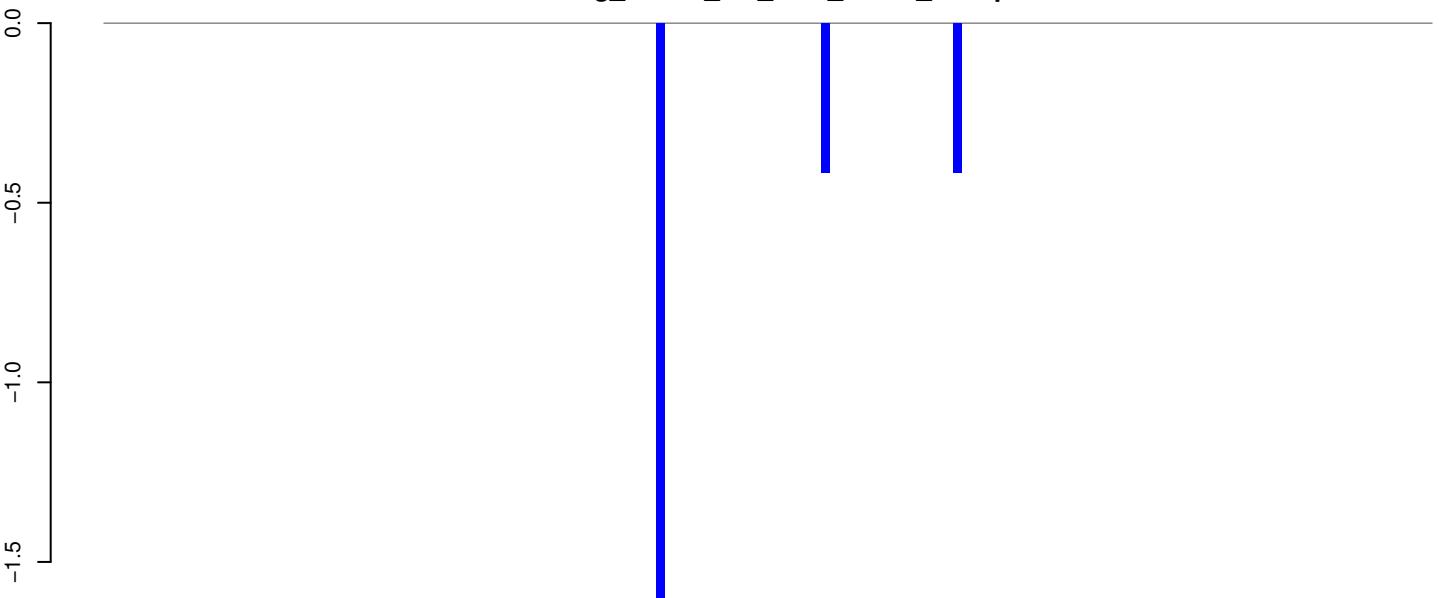


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



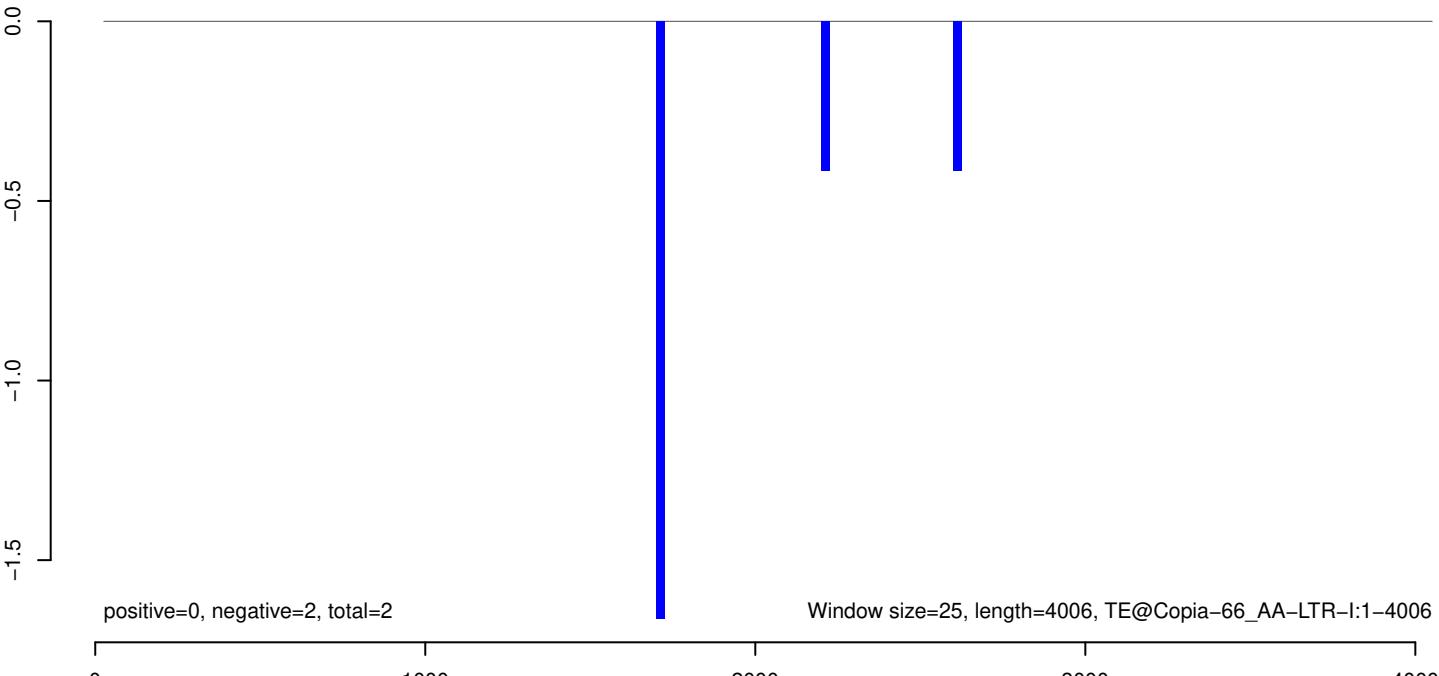
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=0, negative=2, total=2

Window size=25, length=4006, TE@Copia-66\_AA-LTR-I:1-4006

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

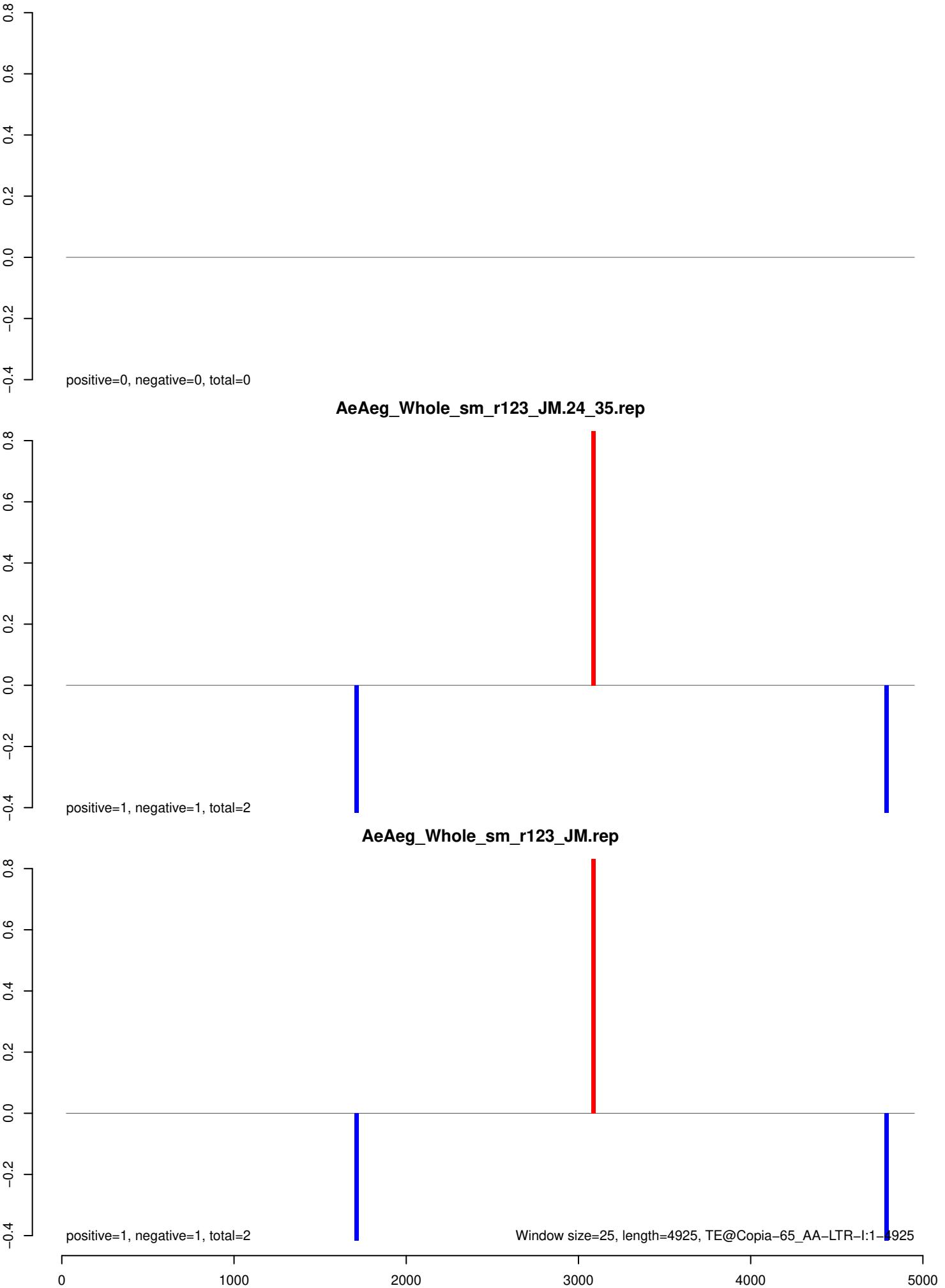
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=1, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=1, total=2

Window size=25, length=4925, TE@Copia-65\_AA-LTR-I:1-4925



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=5, total=5



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=1, negative=1, total=2

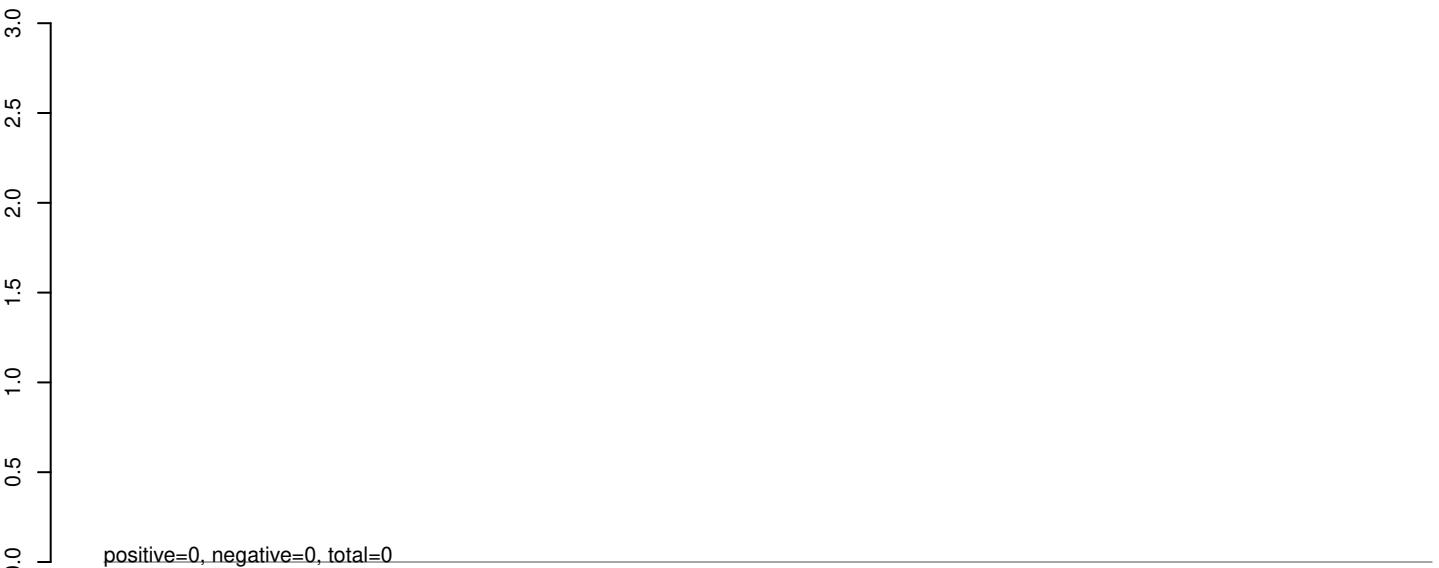
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=1, negative=7, total=8

Window size=25, length=470, TE@Copia-42\_AA-LTR:1-470



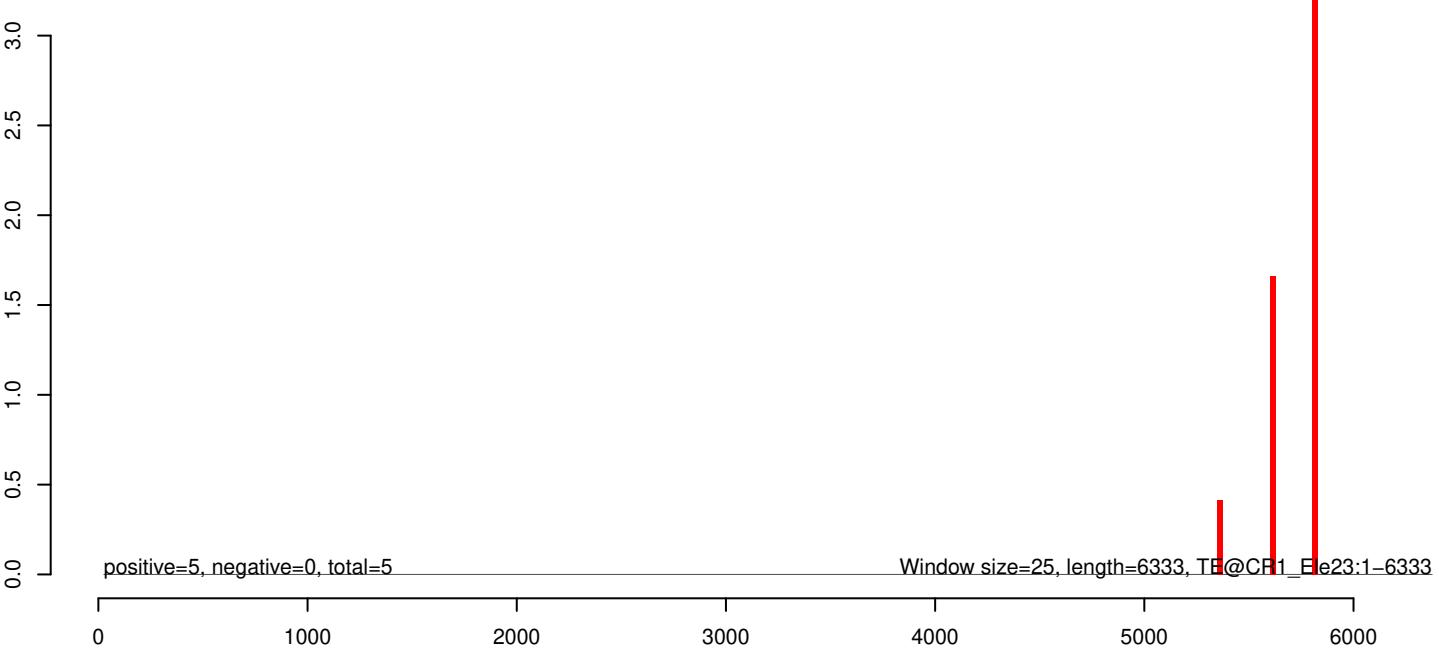
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



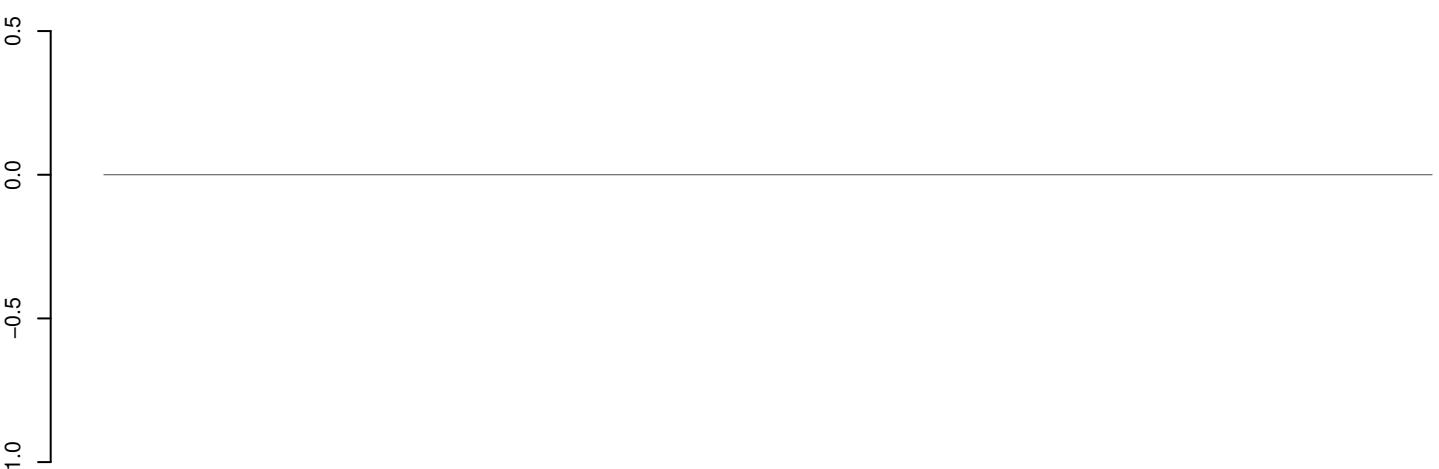
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

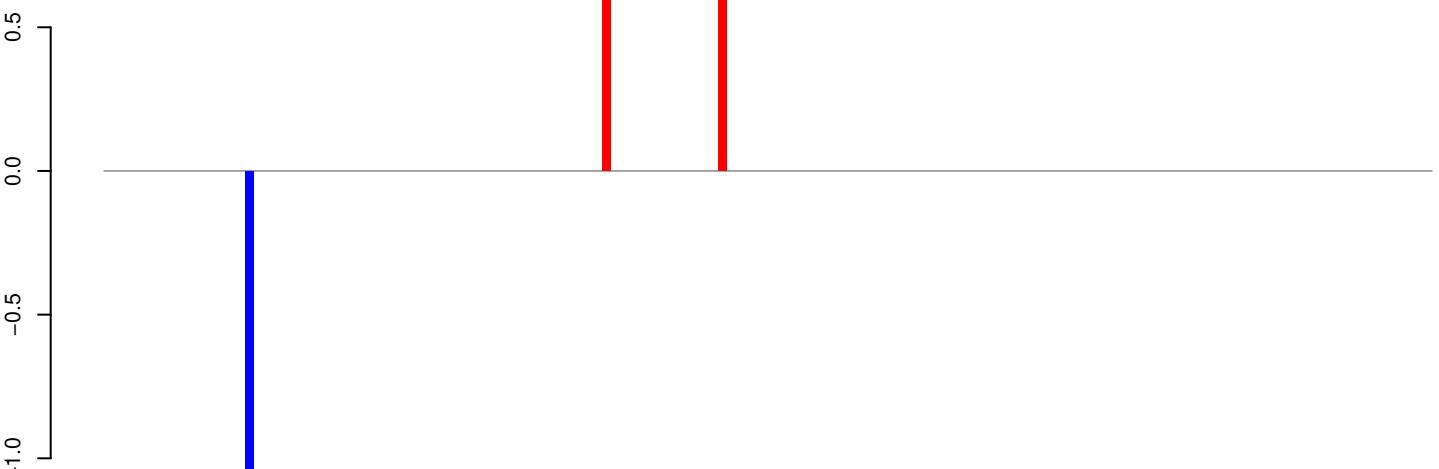


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



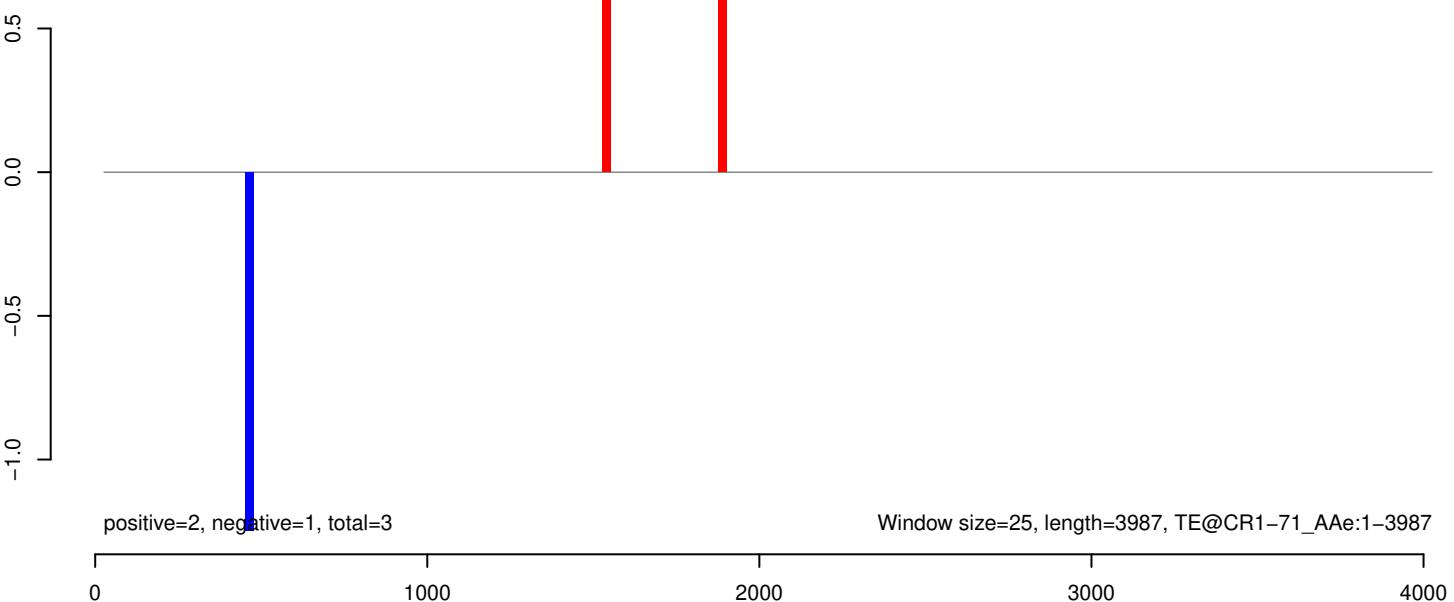
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=1, total=3

**AeAeg\_Whole\_sm\_r123\_JM.rep**

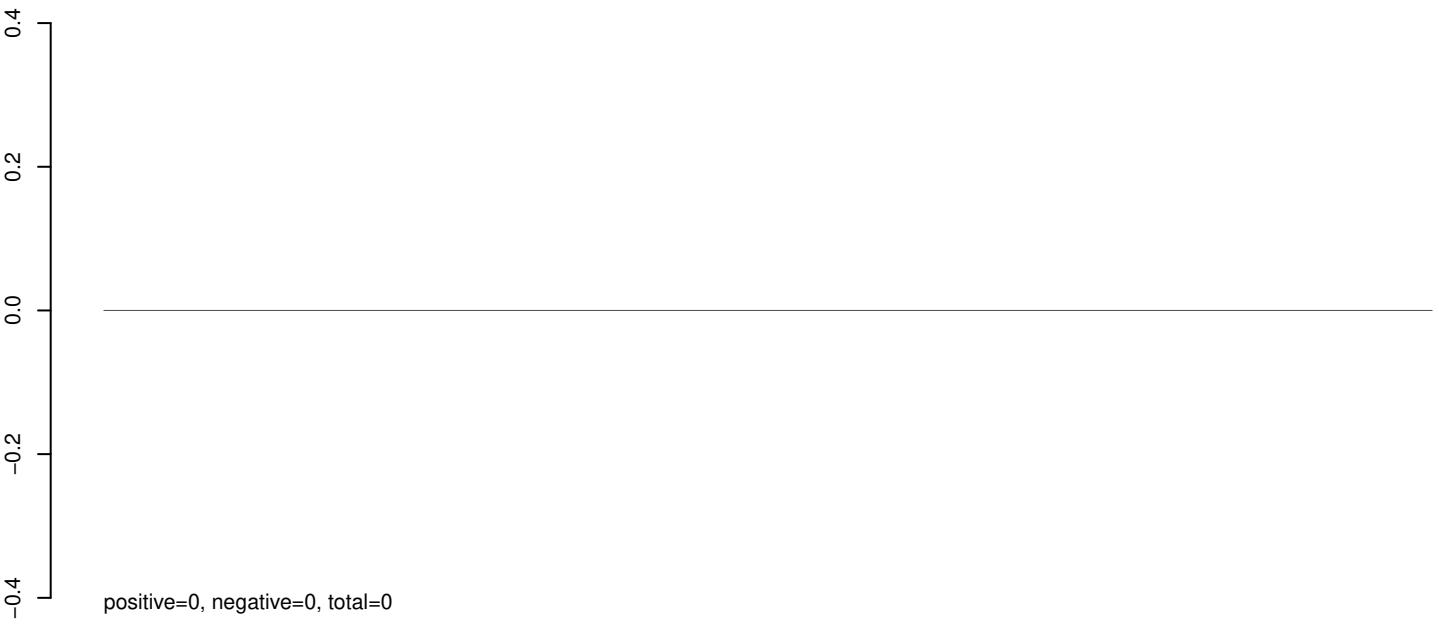


positive=2, negative=1, total=3

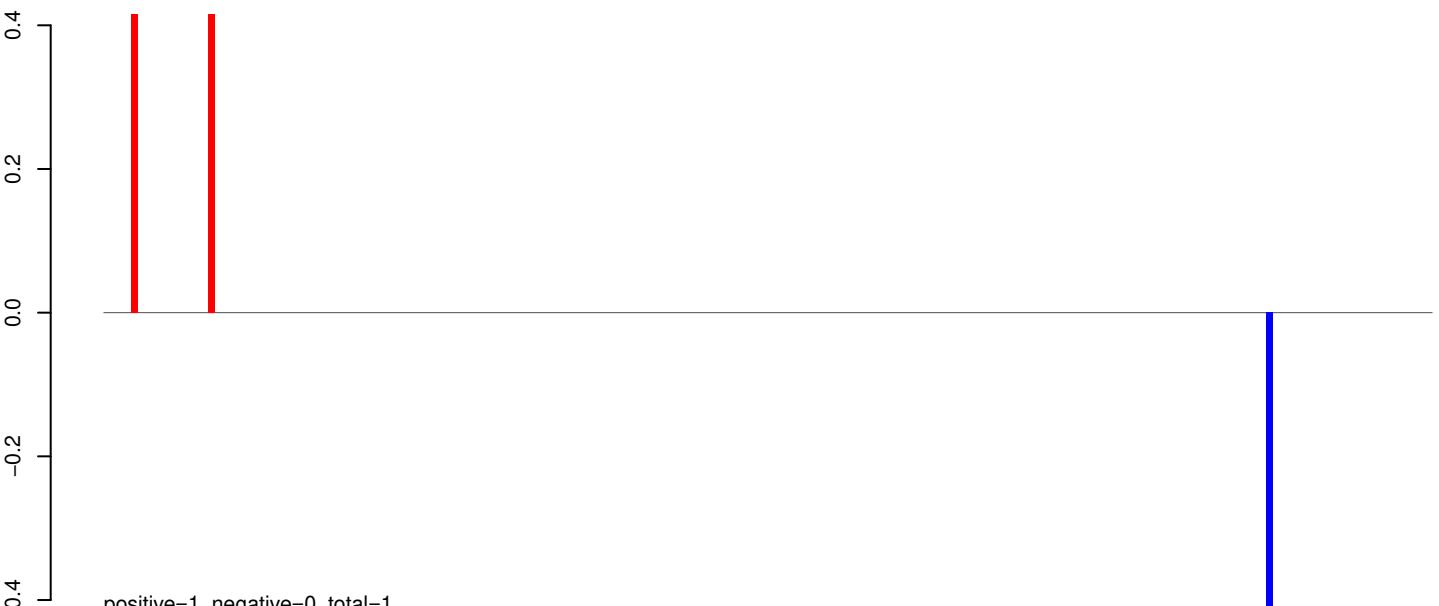
Window size=25, length=3987, TE@CR1-71\_AAE:1-3987

0 1000 2000 3000 4000

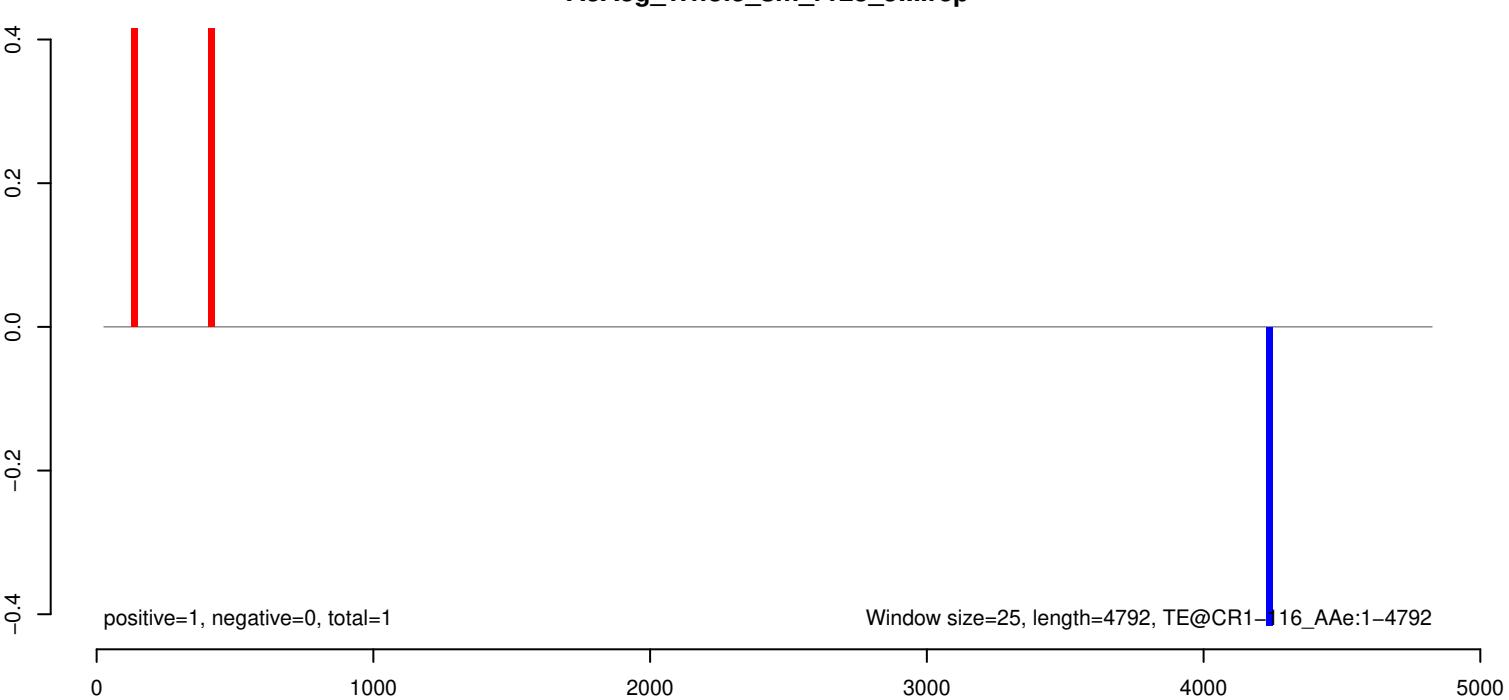
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



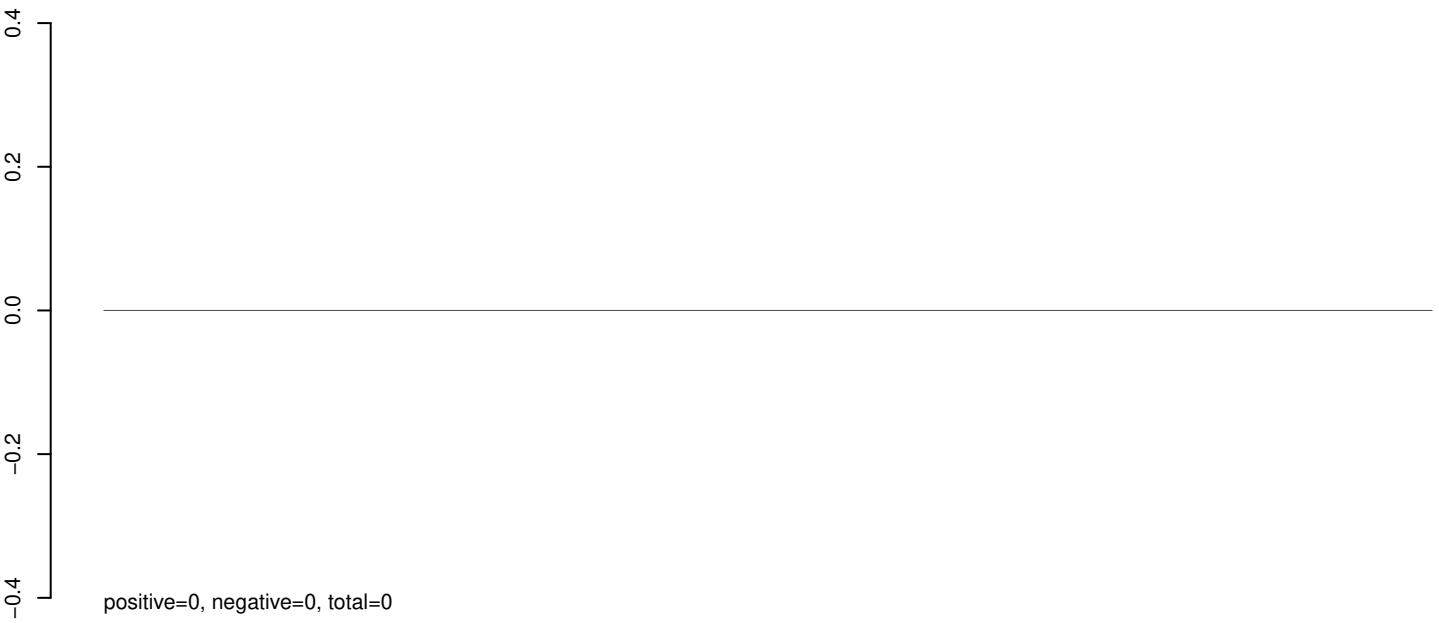
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



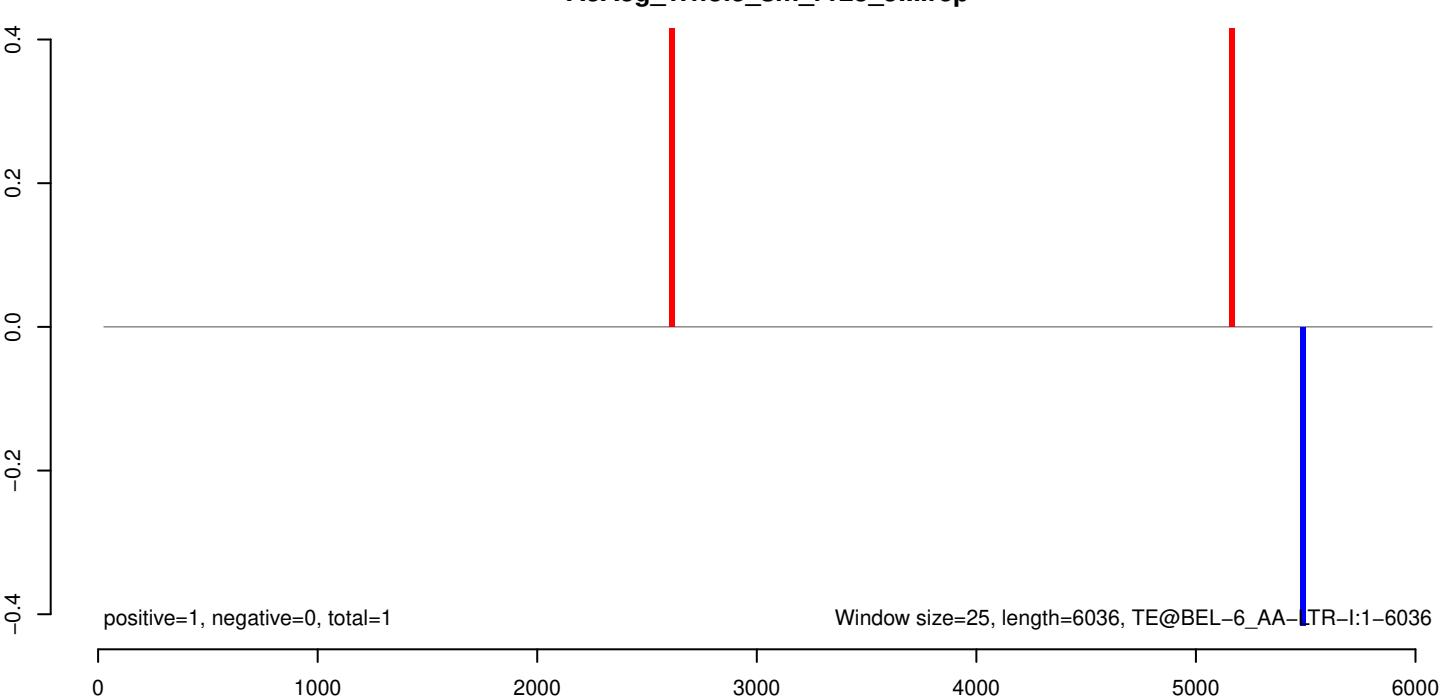
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



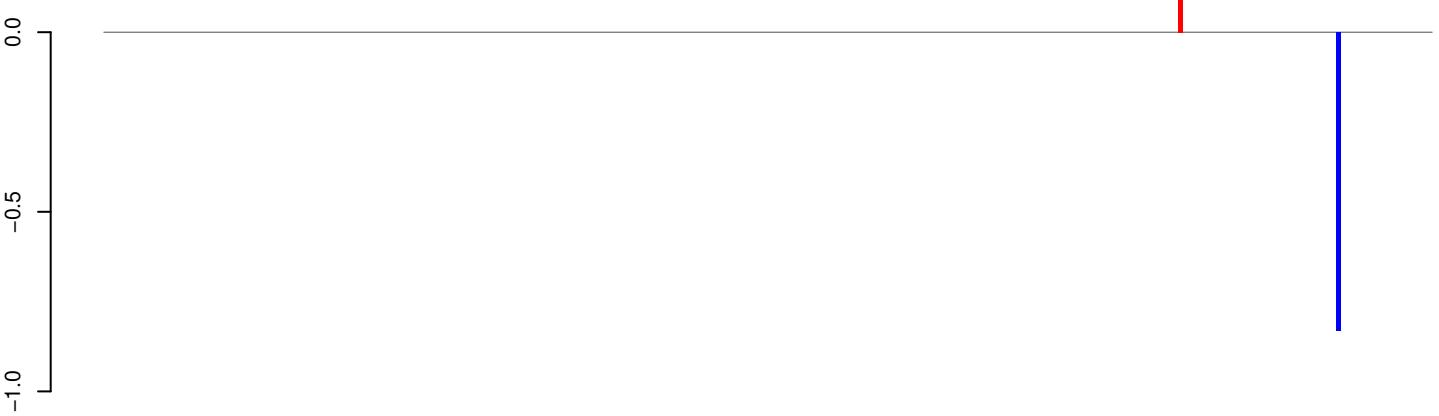
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

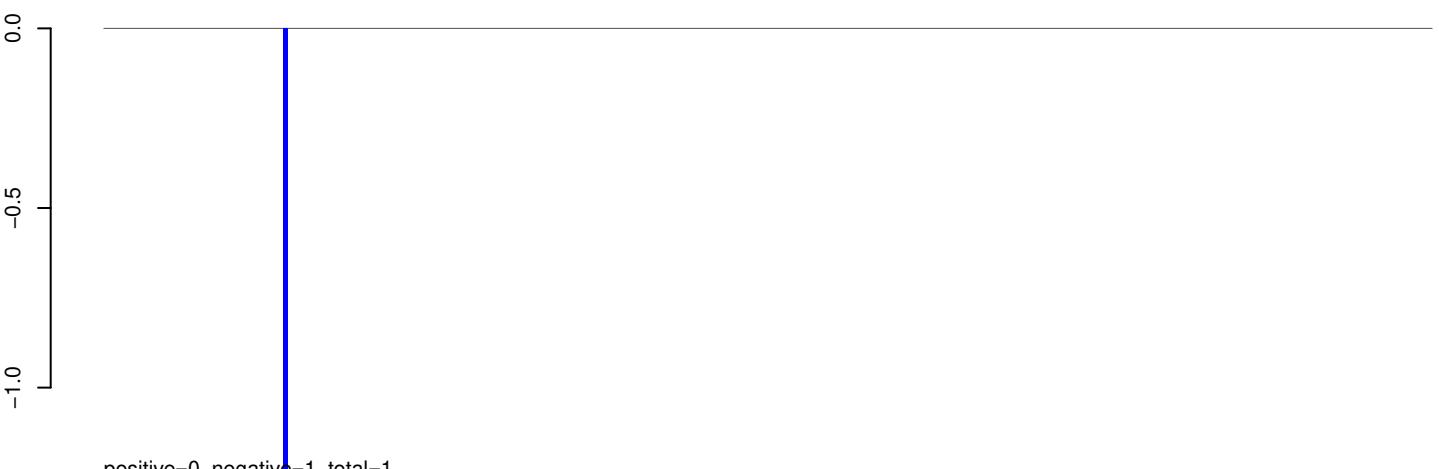


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



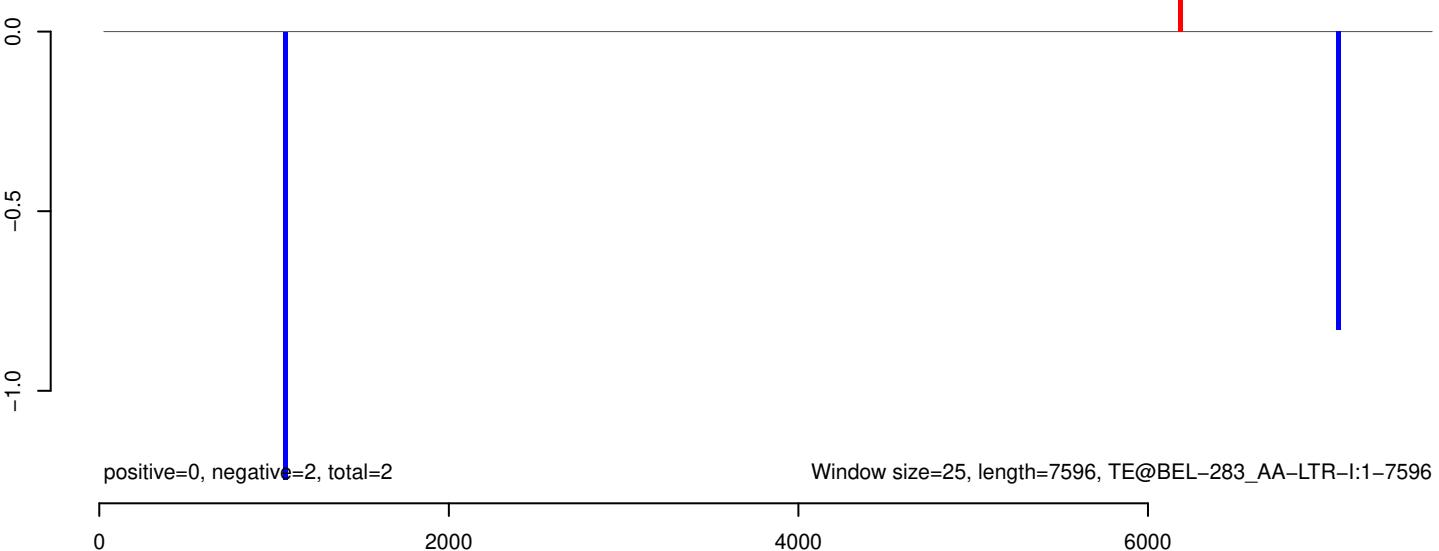
positive=0, negative=1, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=1, total=1

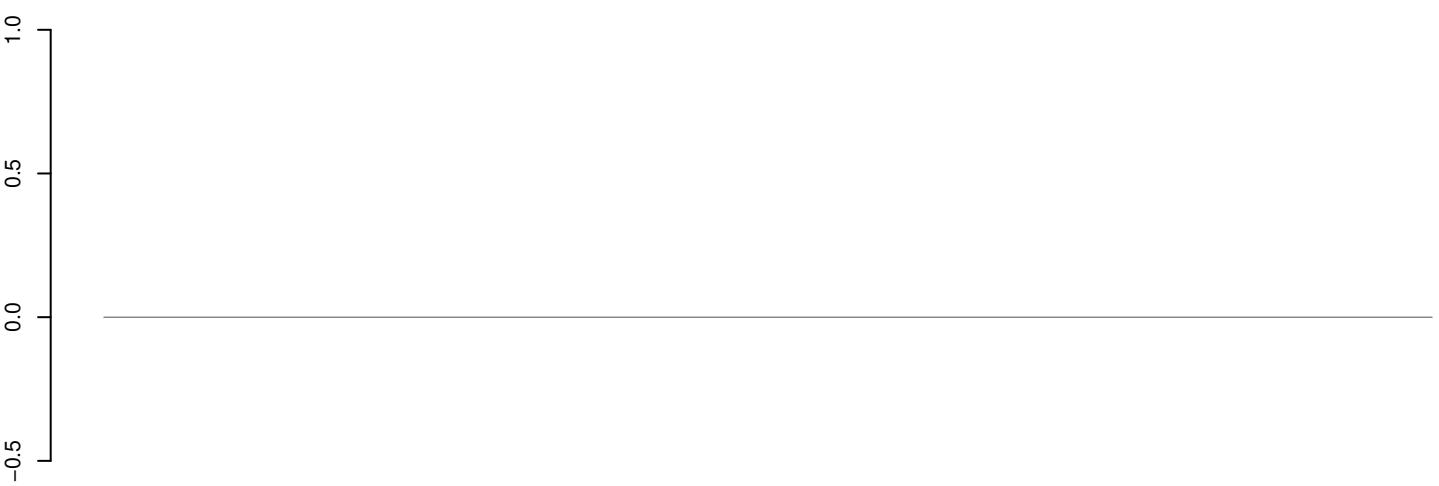
**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=0, negative=2, total=2

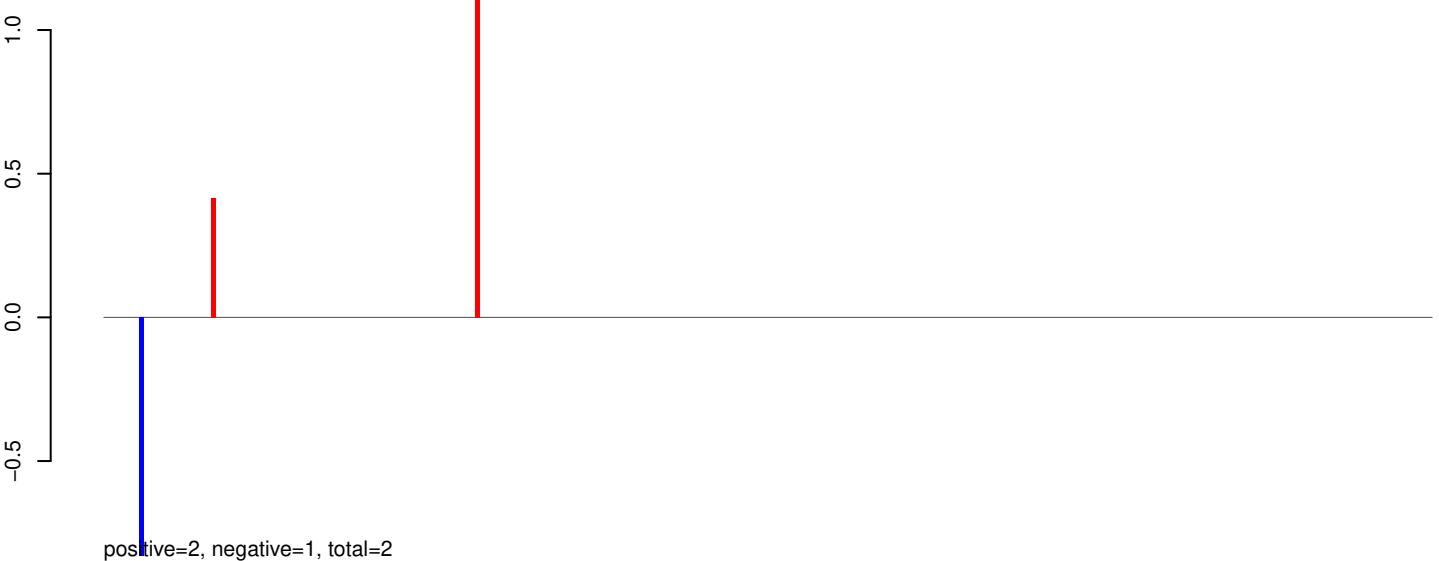
Window size=25, length=7596, TE@BEL-283\_AA-LTR-I:1-7596

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



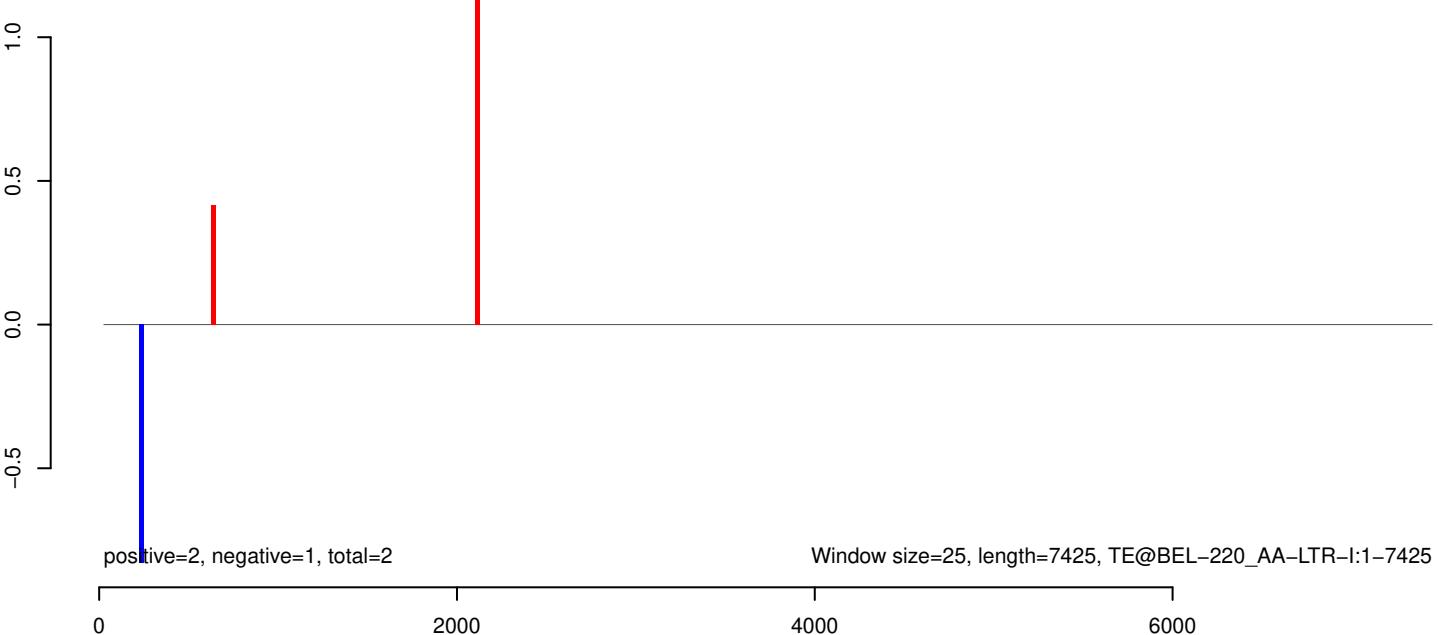
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

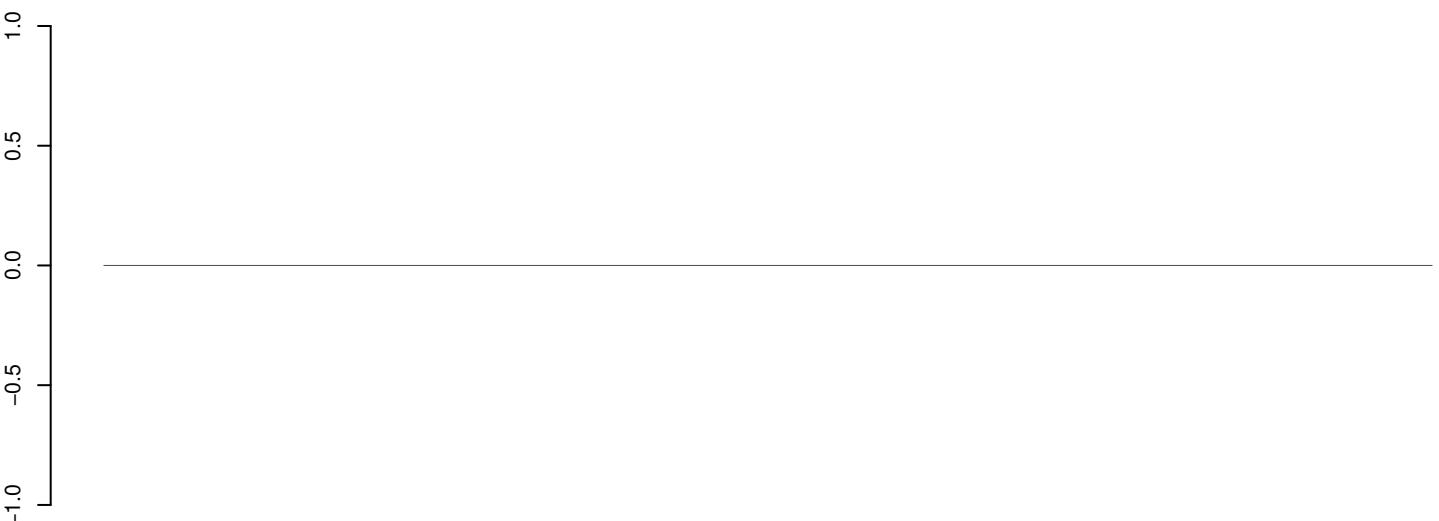


positive=2, negative=1, total=2

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

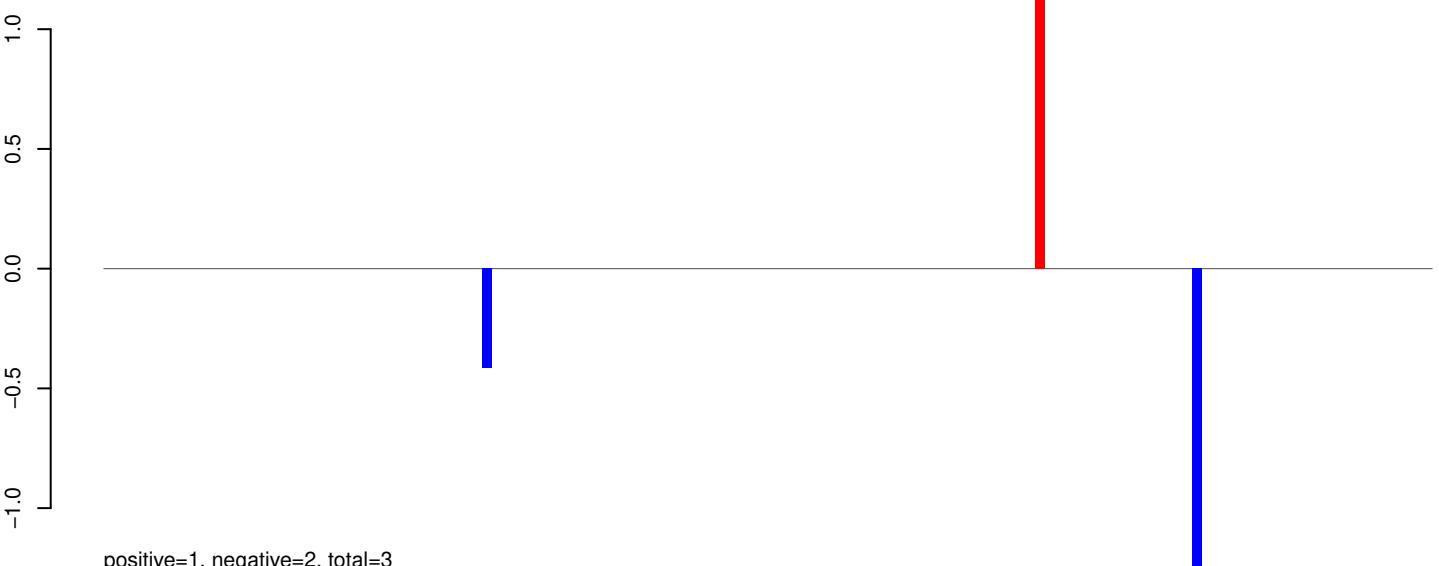
0 2000 4000 6000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



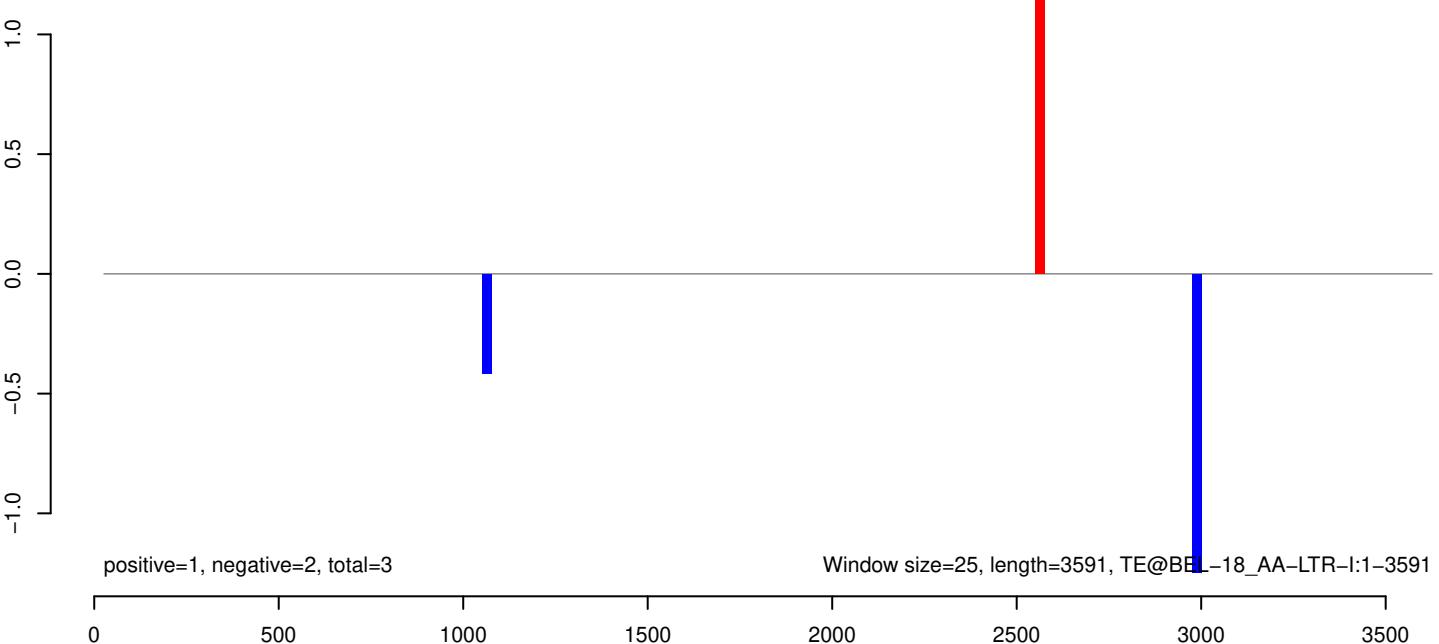
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=2, total=3

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=1, negative=2, total=3

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

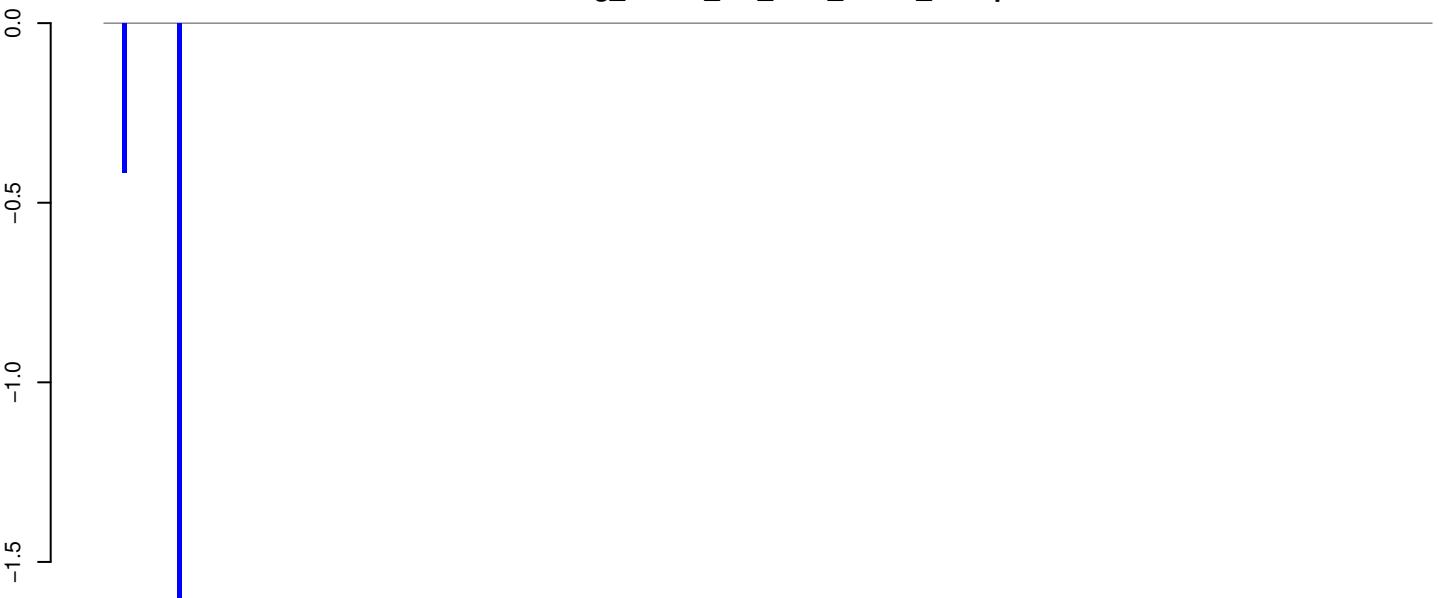
0 500 1000 1500 2000 2500 3000 3500

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



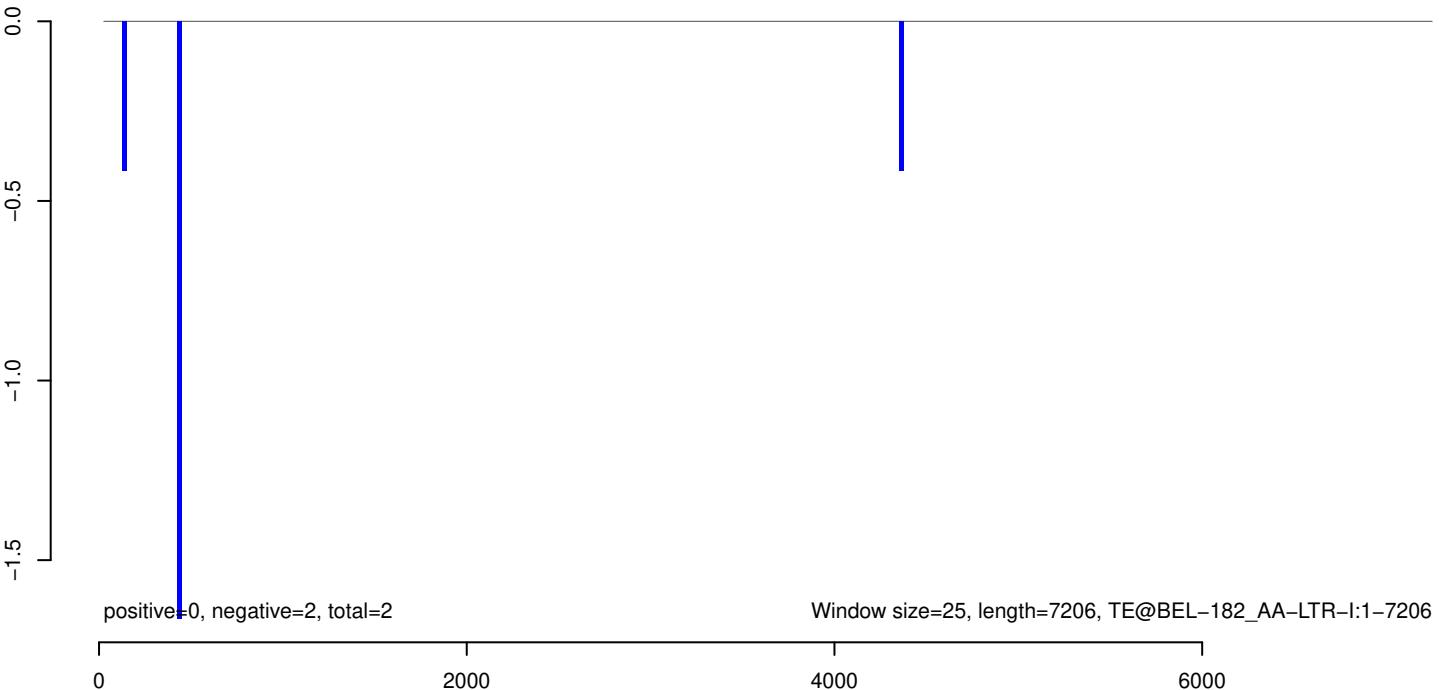
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=2, total=2

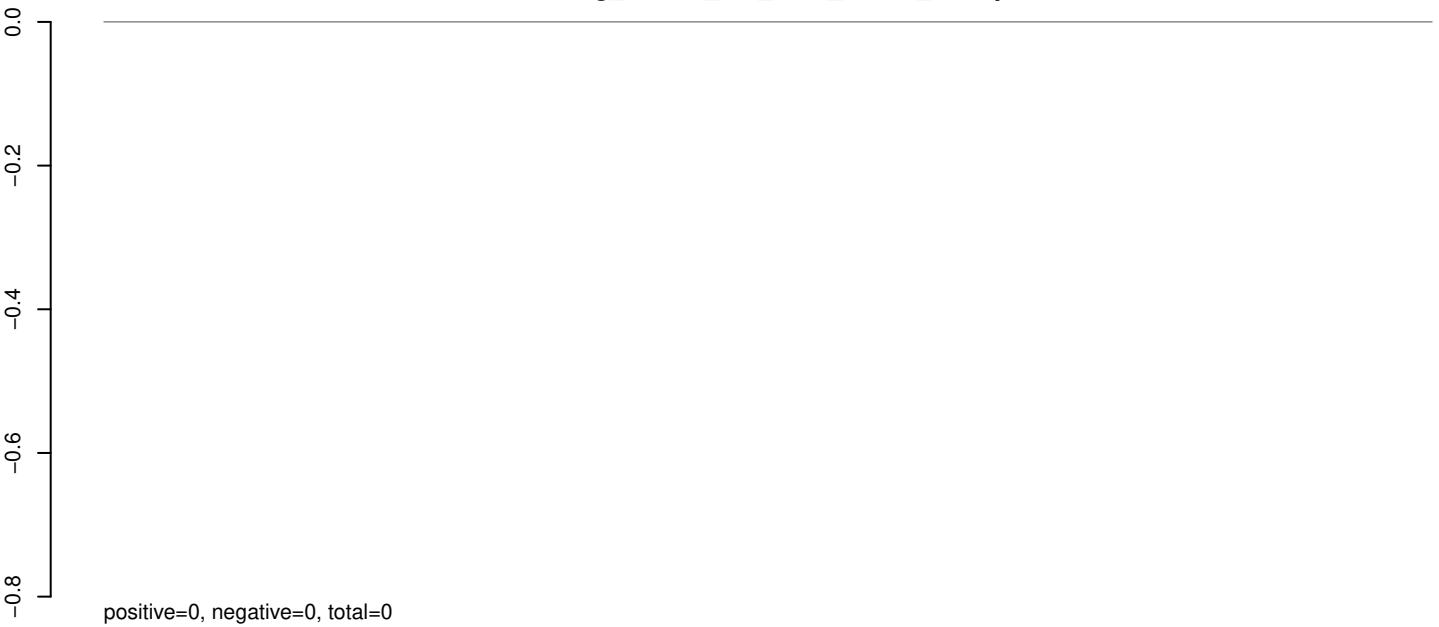
### AeAeg\_Whole\_sm\_r123\_JM.rep



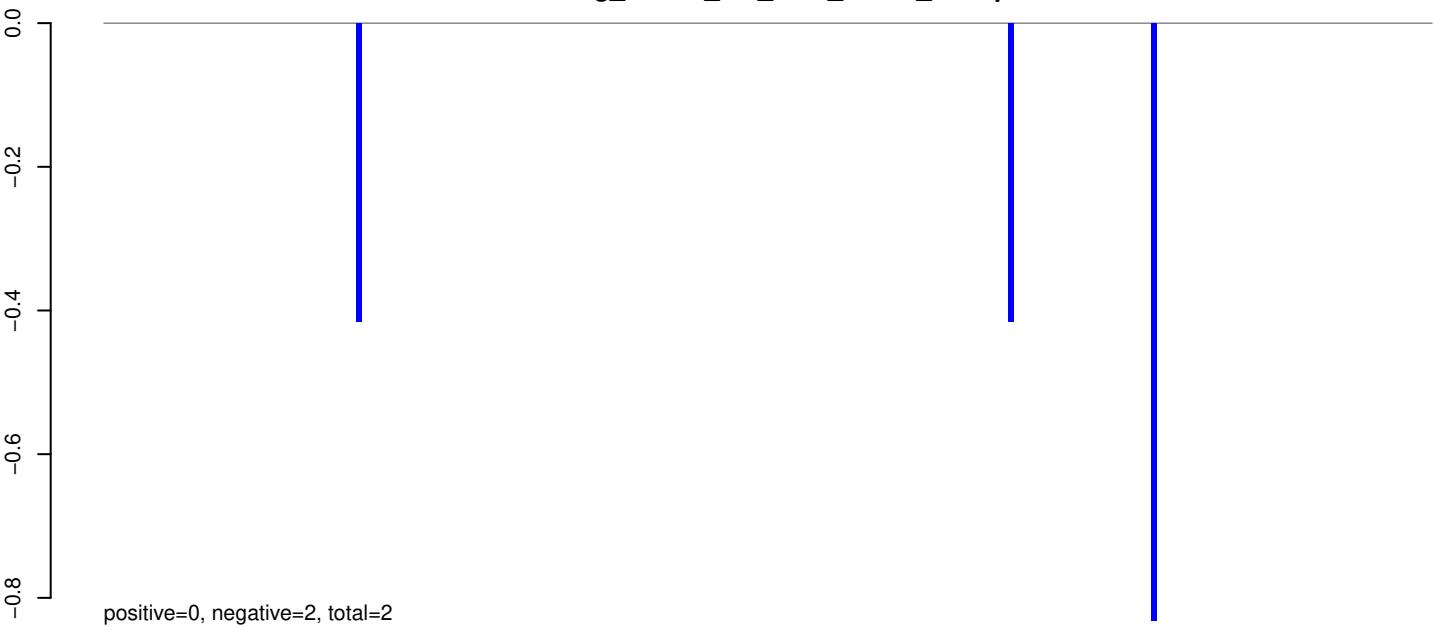
positive=0, negative=2, total=2

Window size=25, length=7206, TE@BEL-182\_AA-LTR-I:1-7206

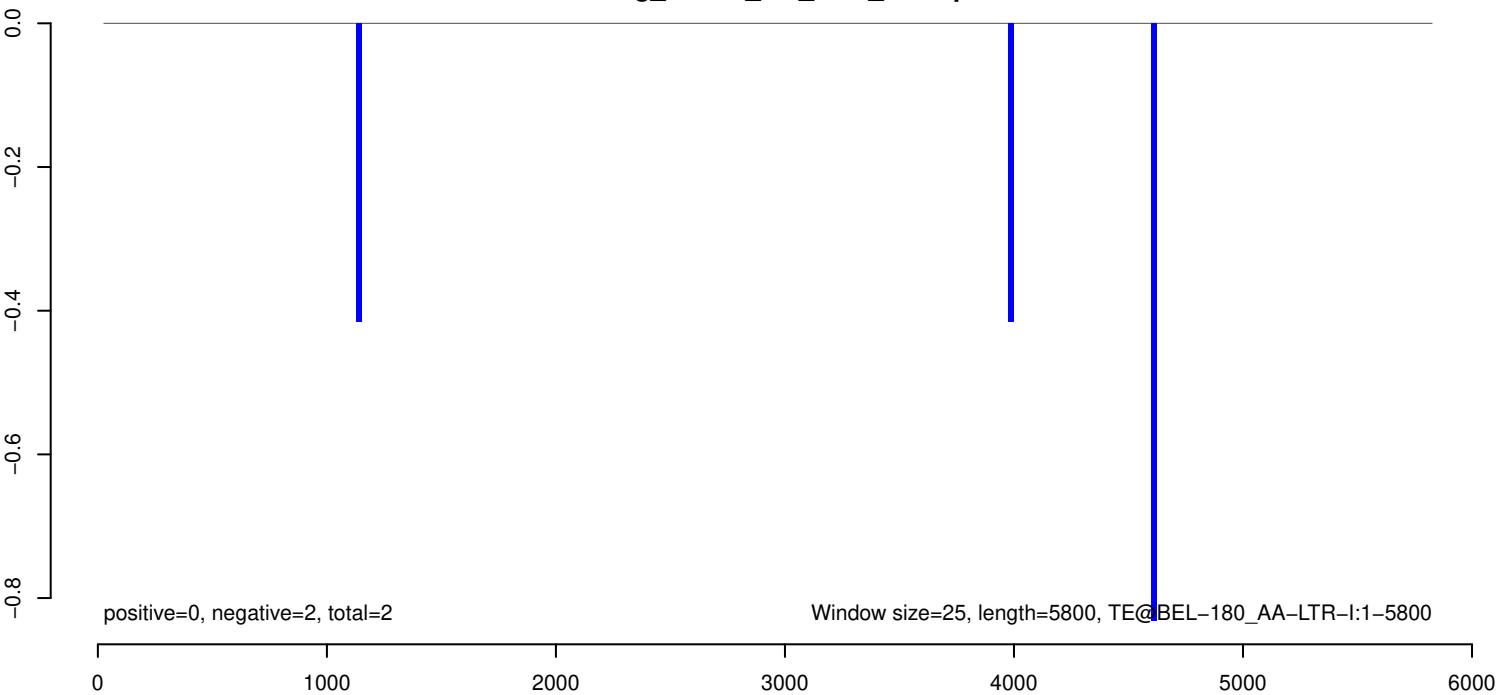
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



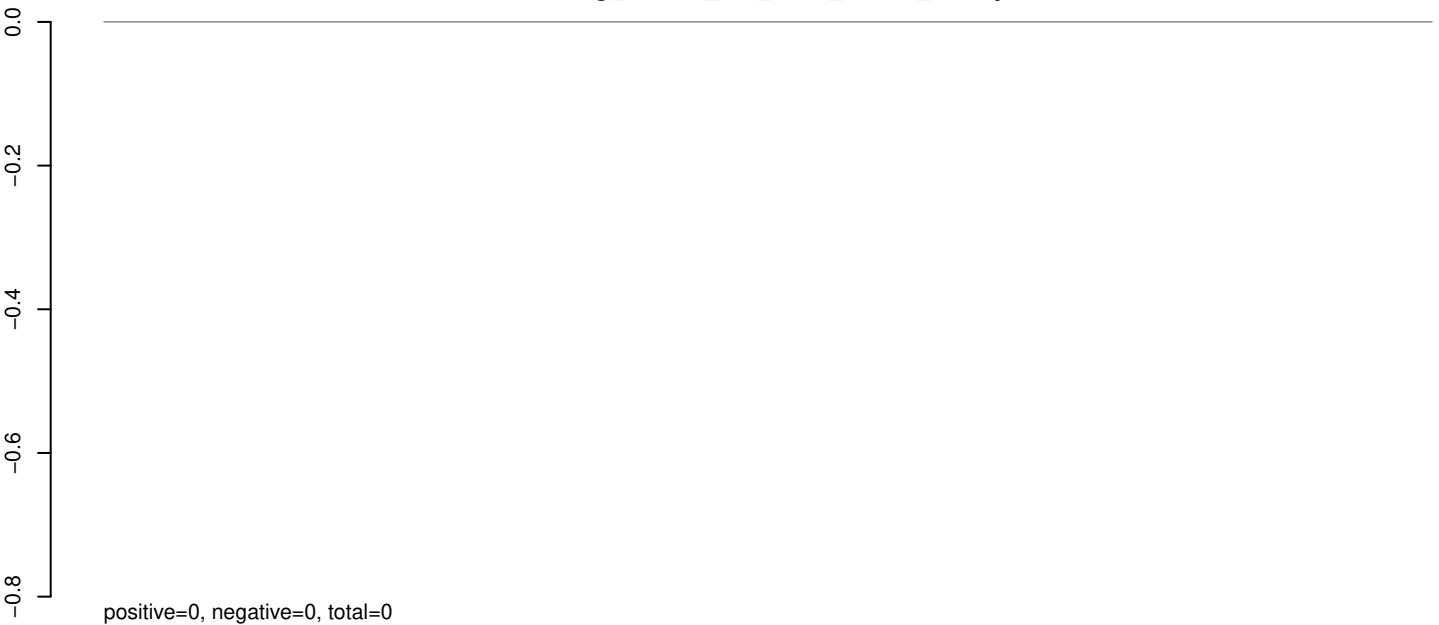
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



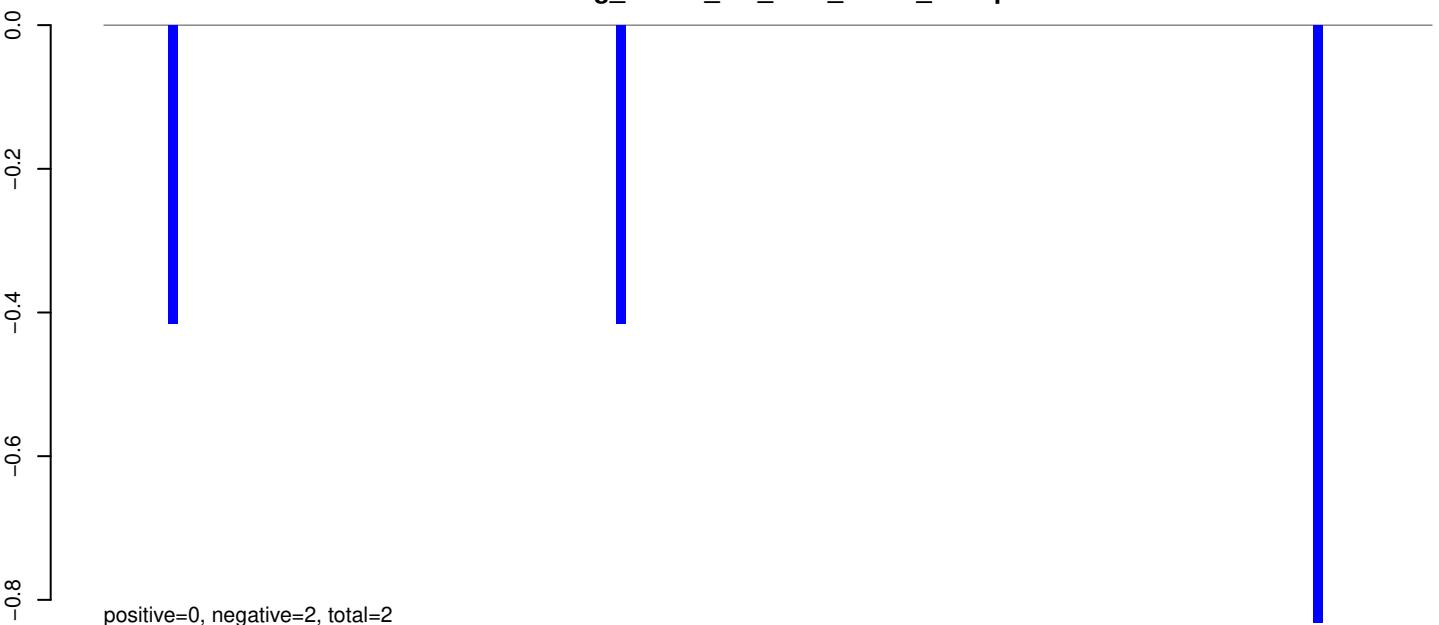
### AeAeg\_Whole\_sm\_r123\_JM.rep



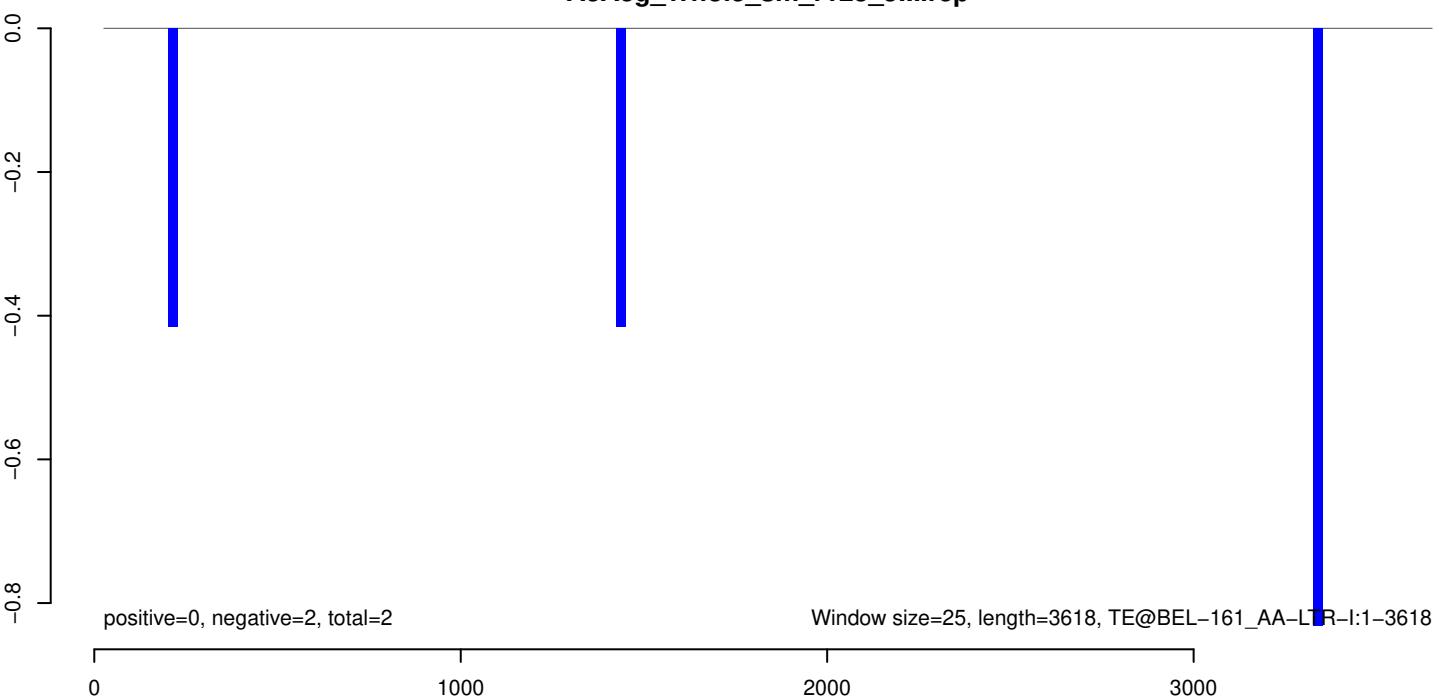
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



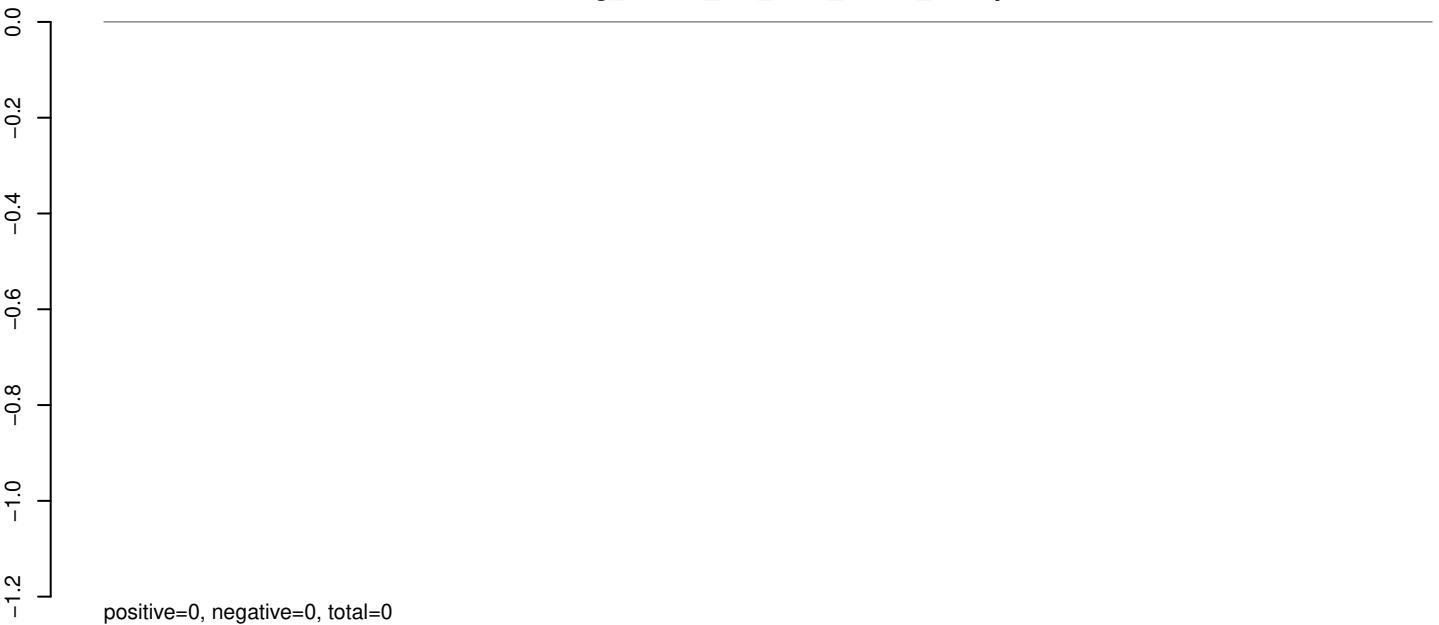
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



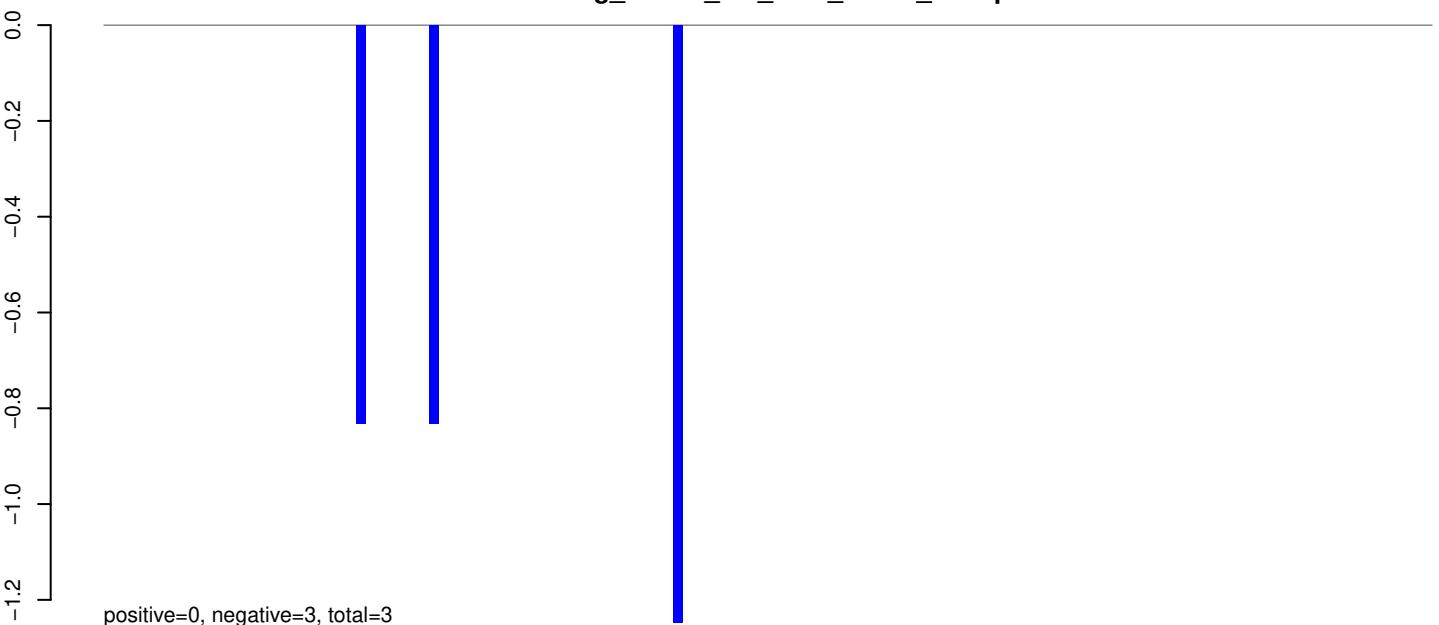
### AeAeg\_Whole\_sm\_r123\_JM.rep



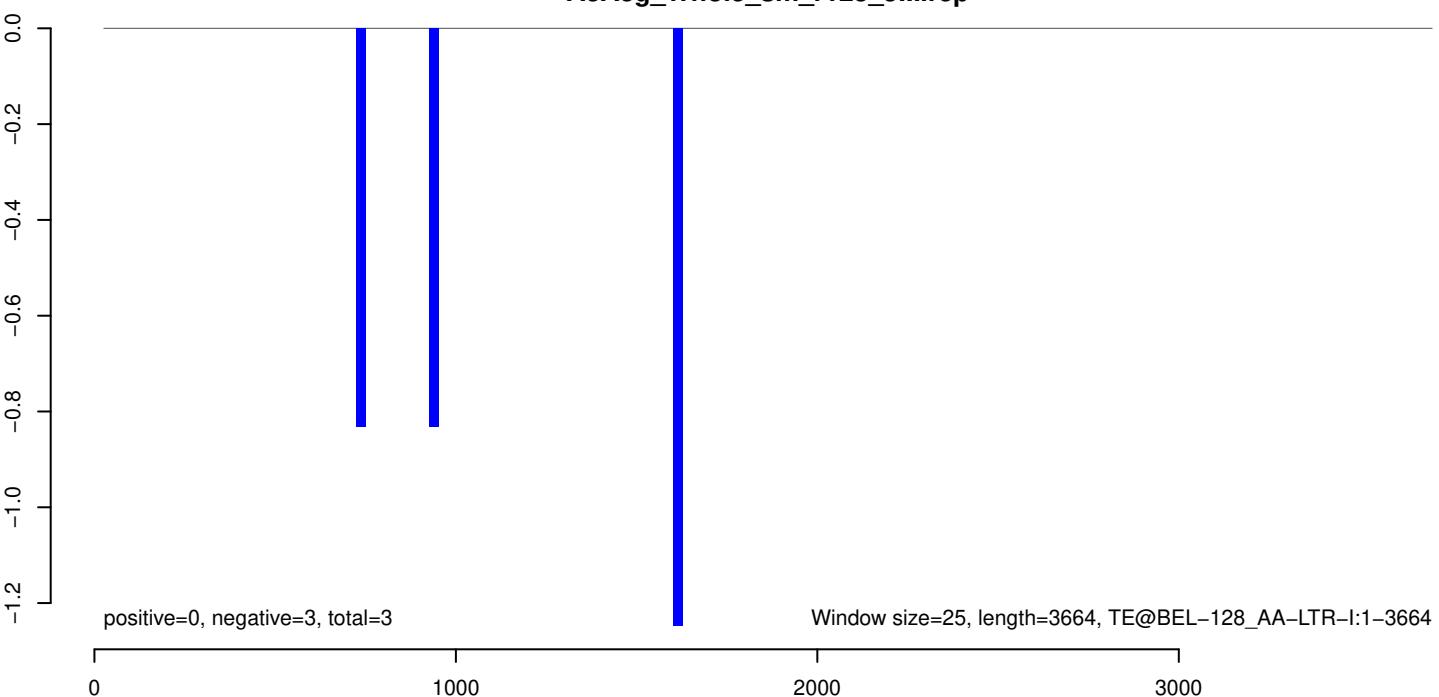
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



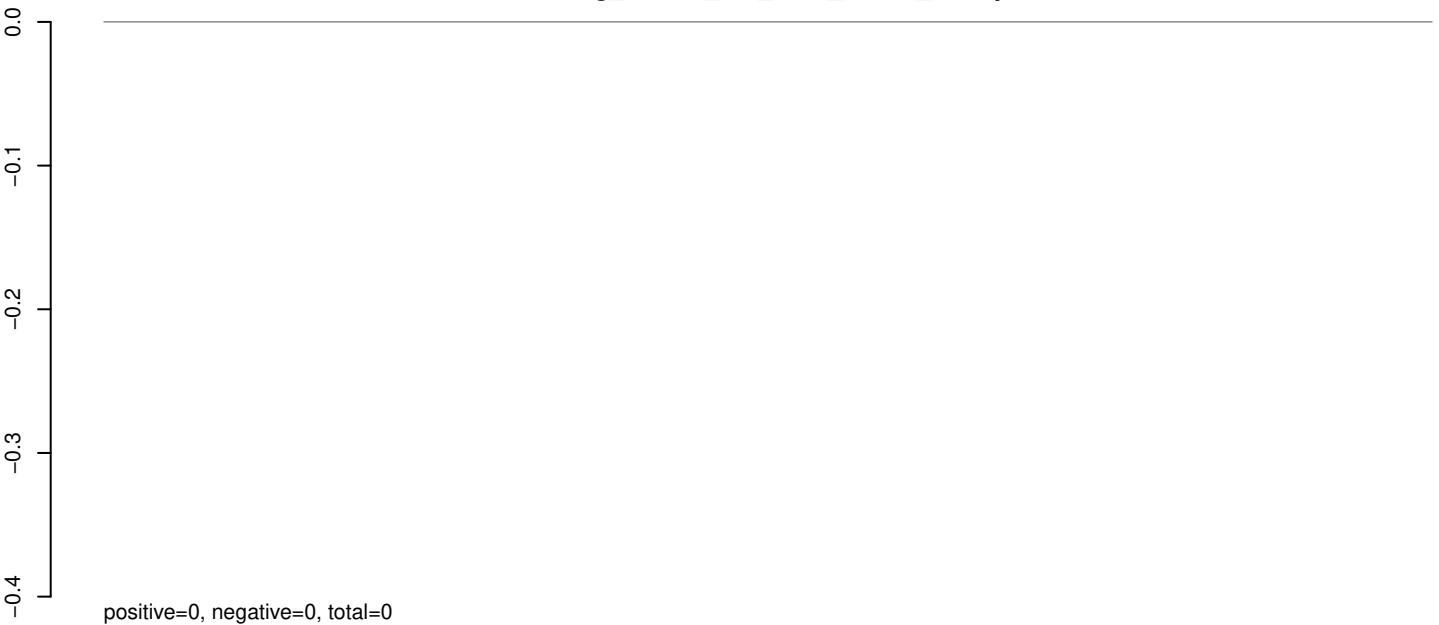
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



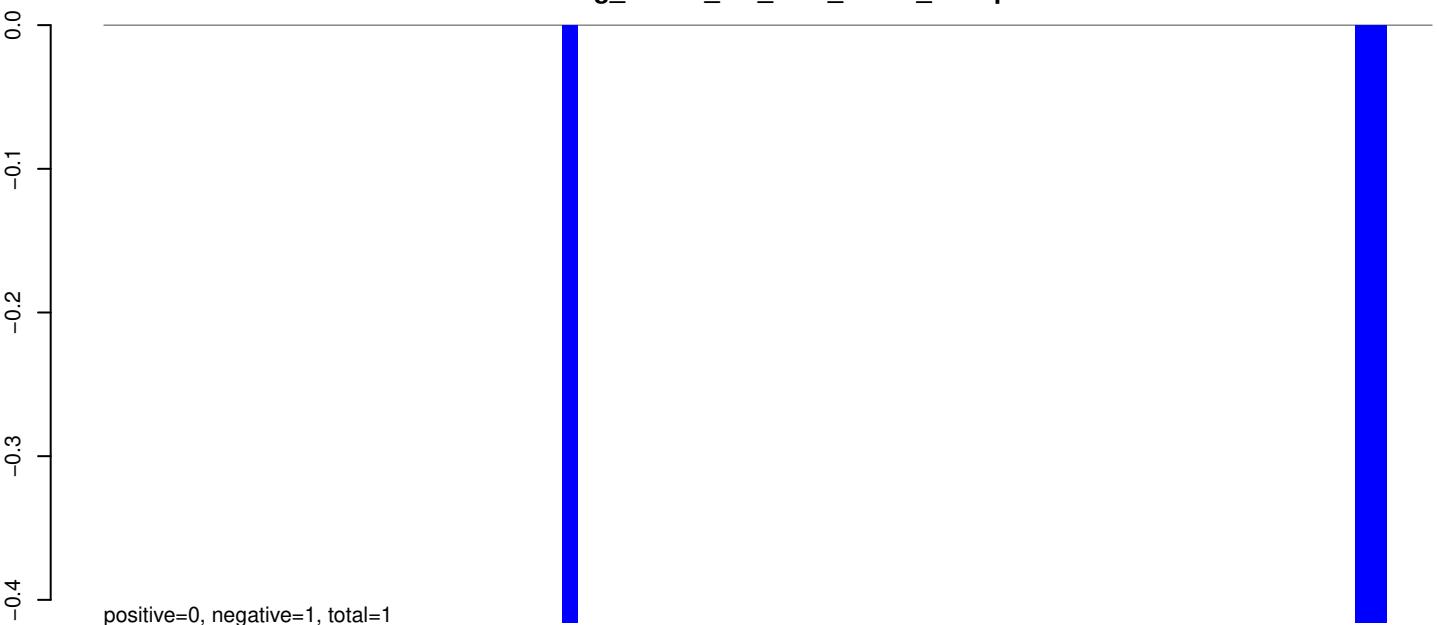
### AeAeg\_Whole\_sm\_r123\_JM.rep



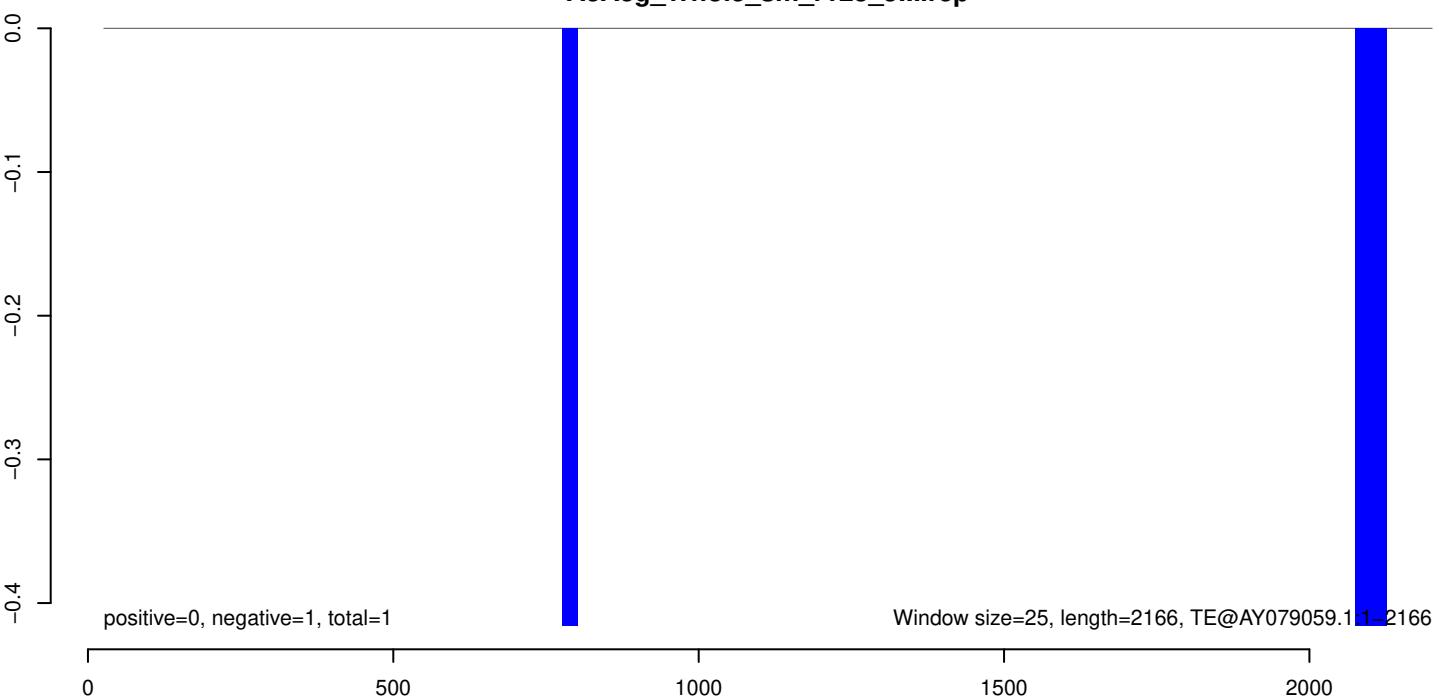
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

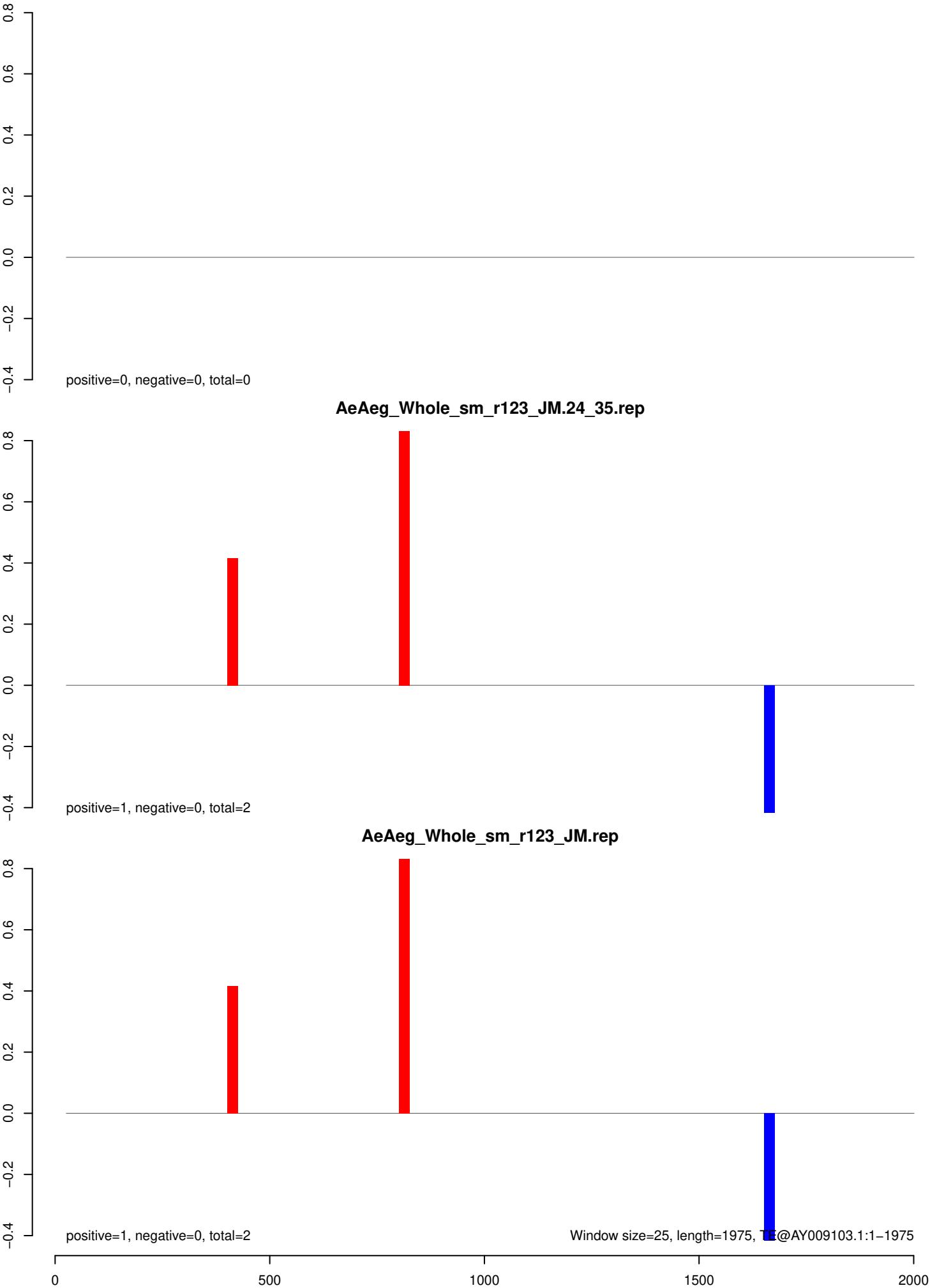
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=1, negative=0, total=2

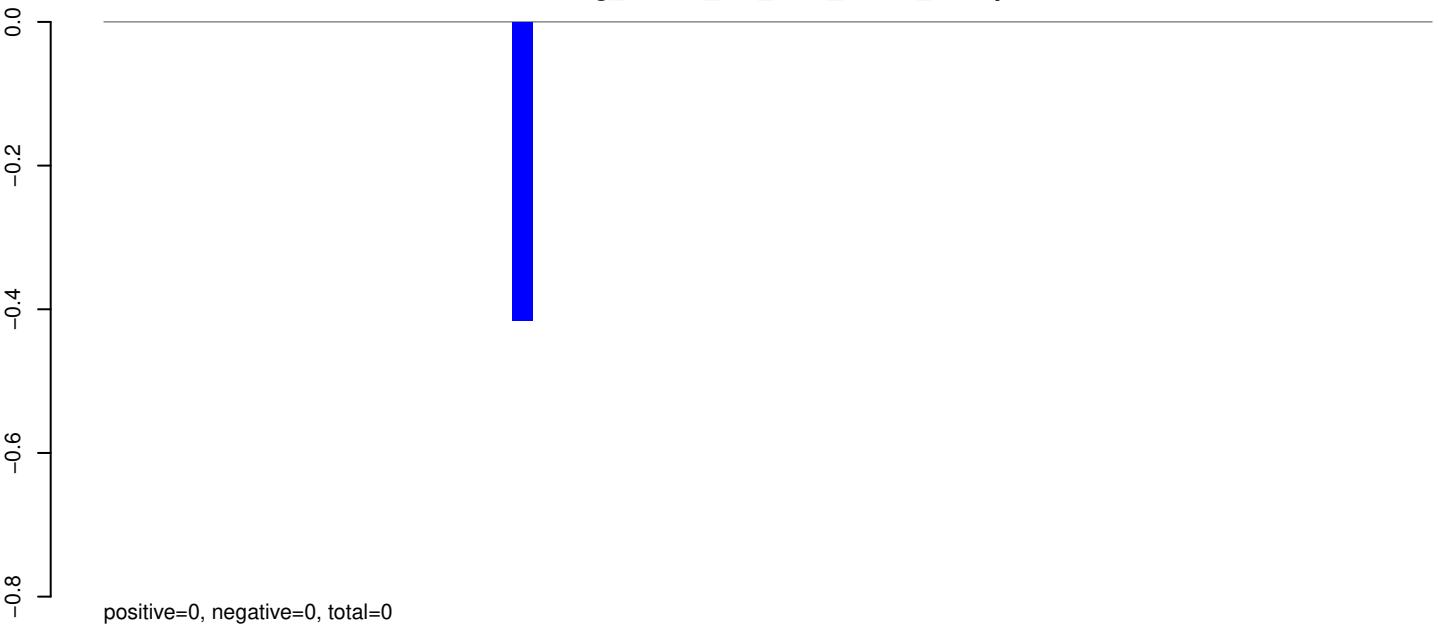
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=0, total=2

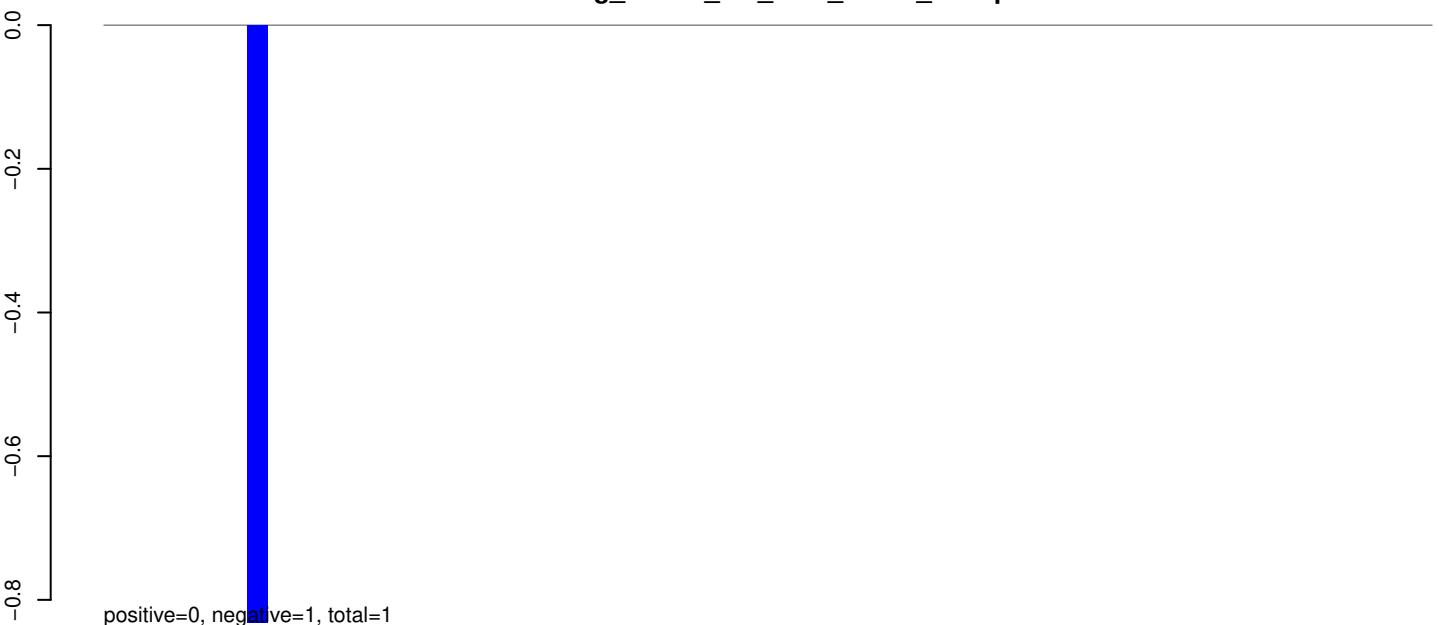
Window size=25, length=1975, TE@AY009103.1:1-1975



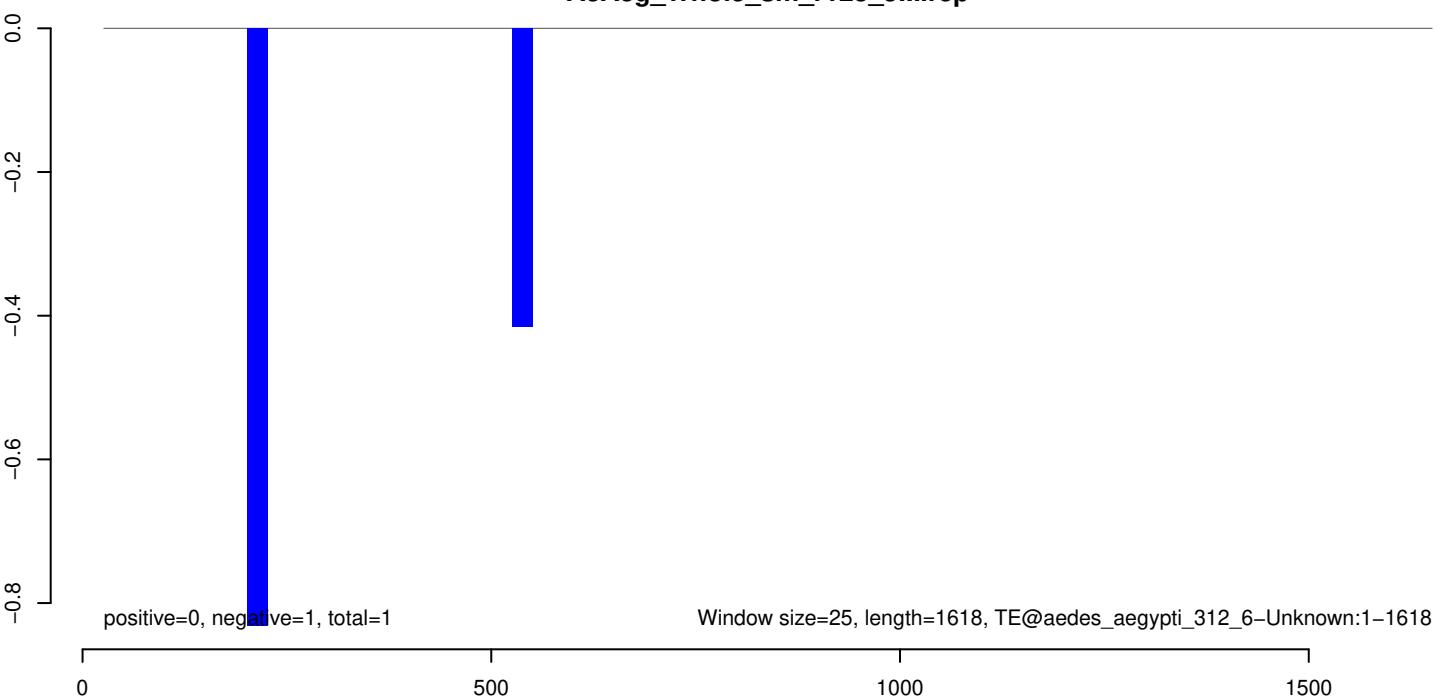
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

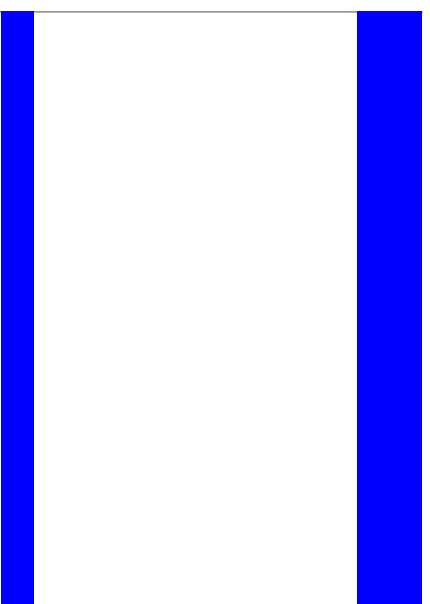


### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

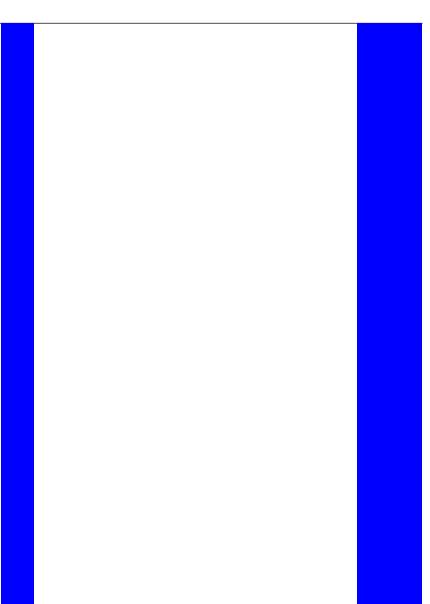
positive=0, negative=0, total=0



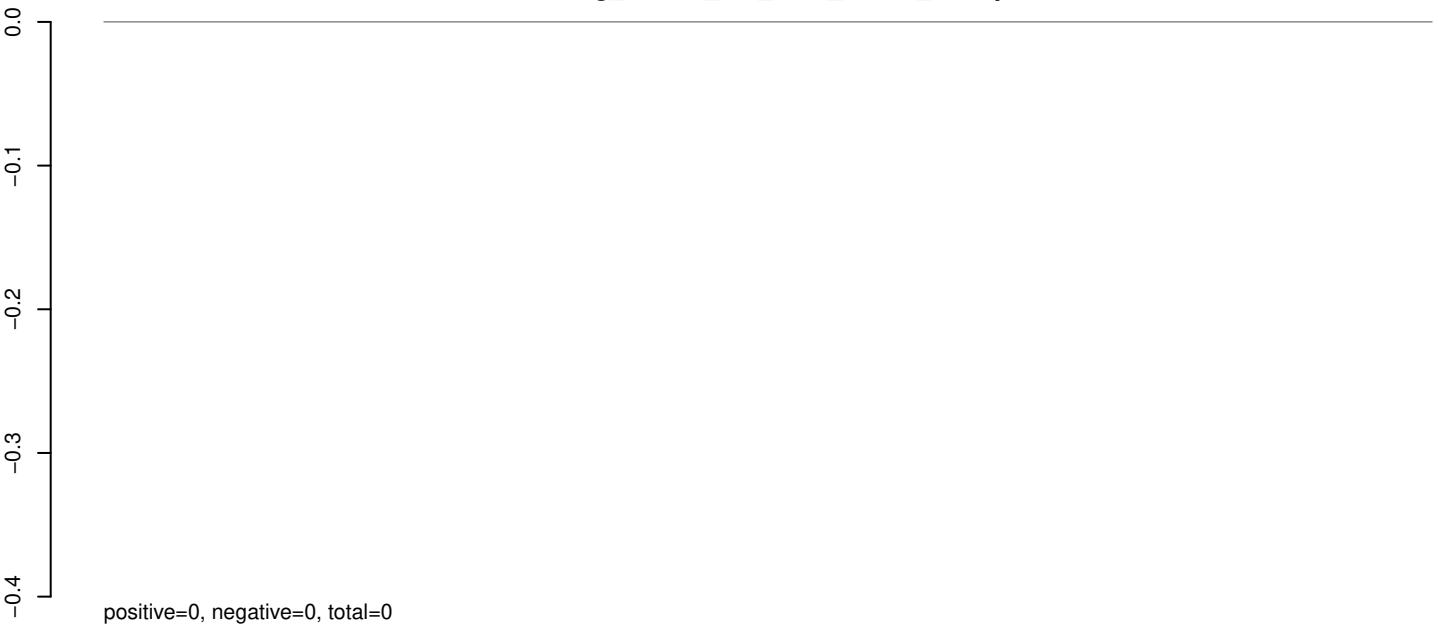
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

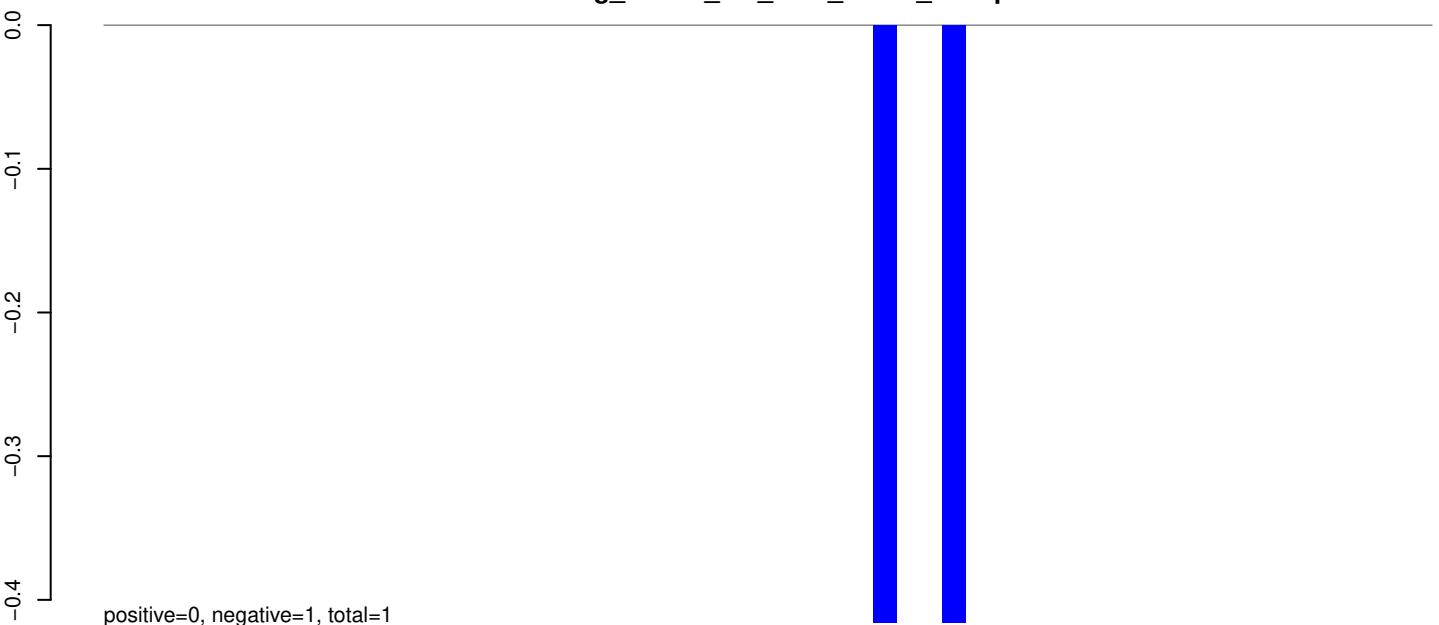
Window size=25, length=1019, TE@aedes\_aegypti\_198\_5-Unknown:1-1019



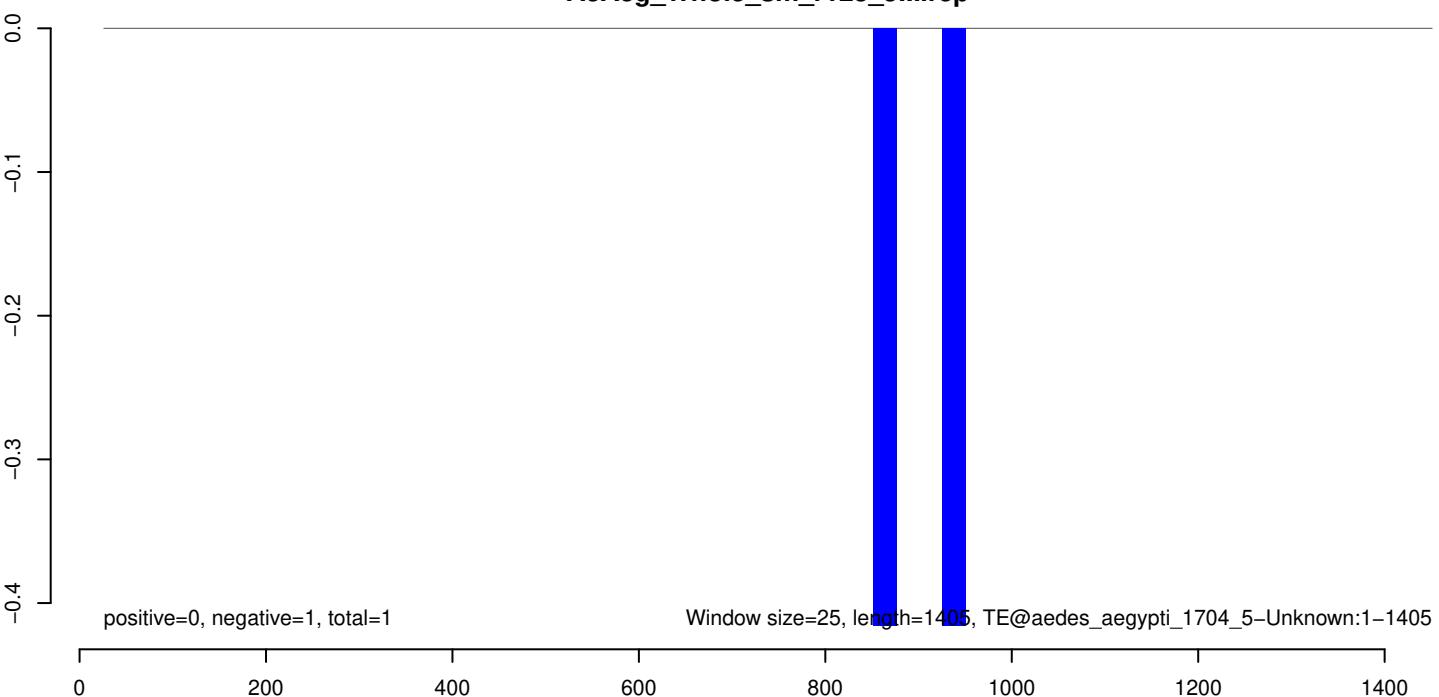
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



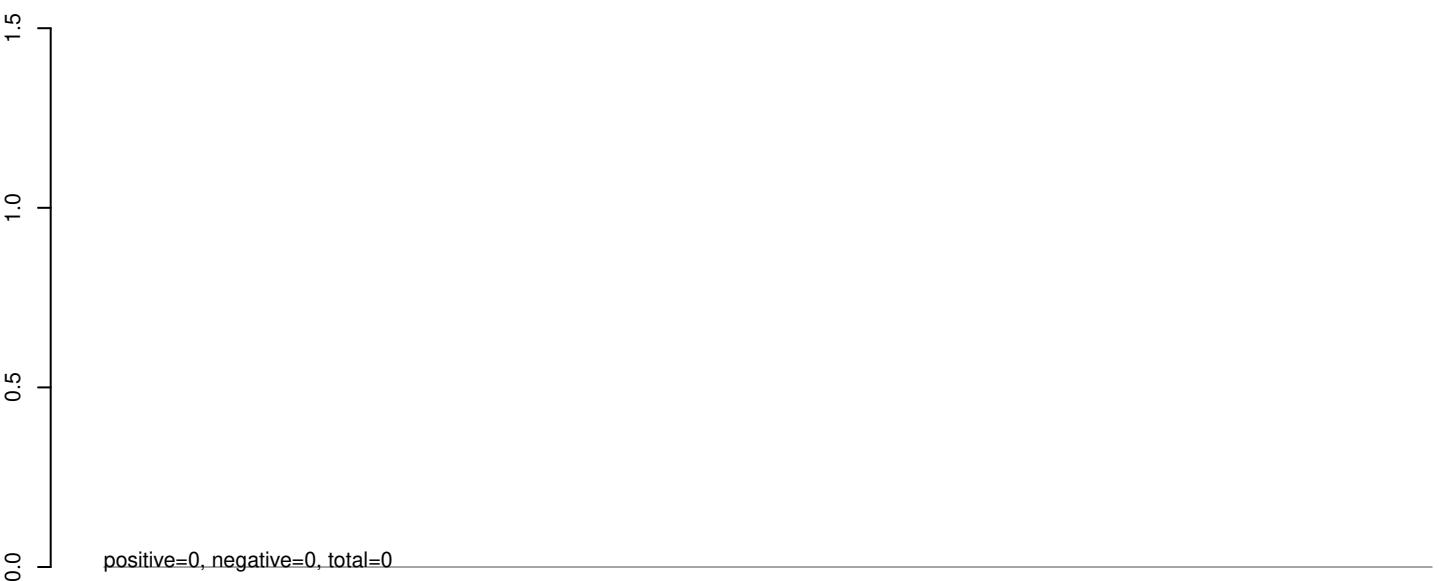
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



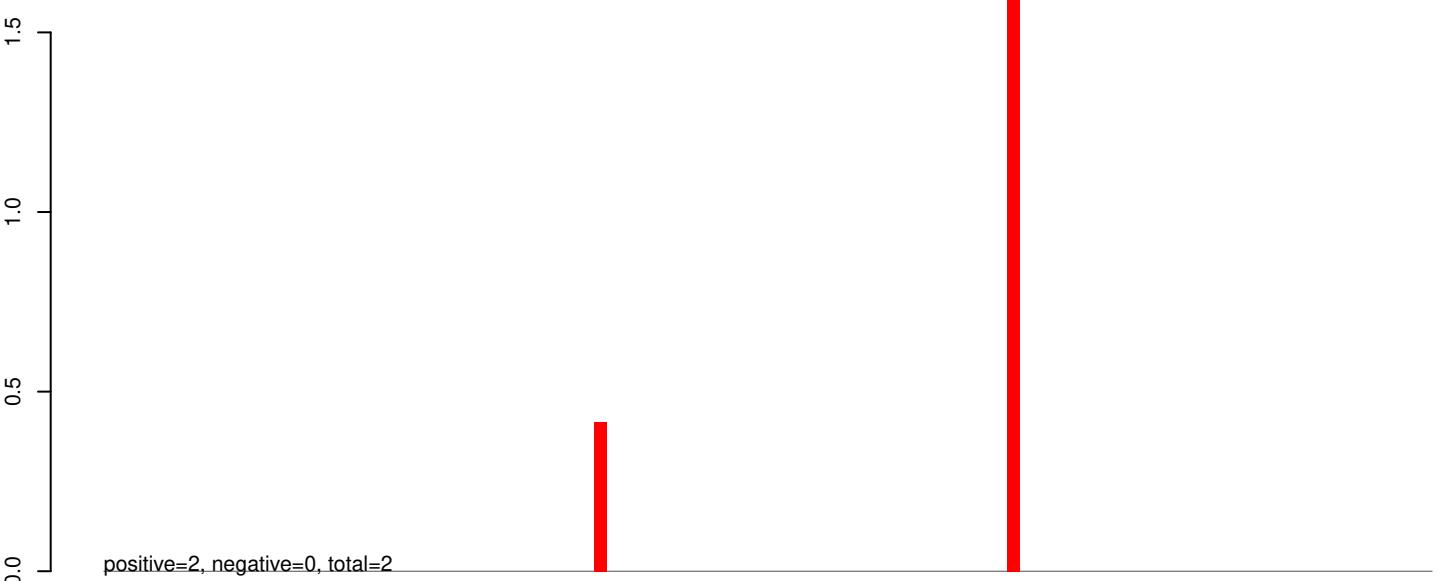
### AeAeg\_Whole\_sm\_r123\_JM.rep



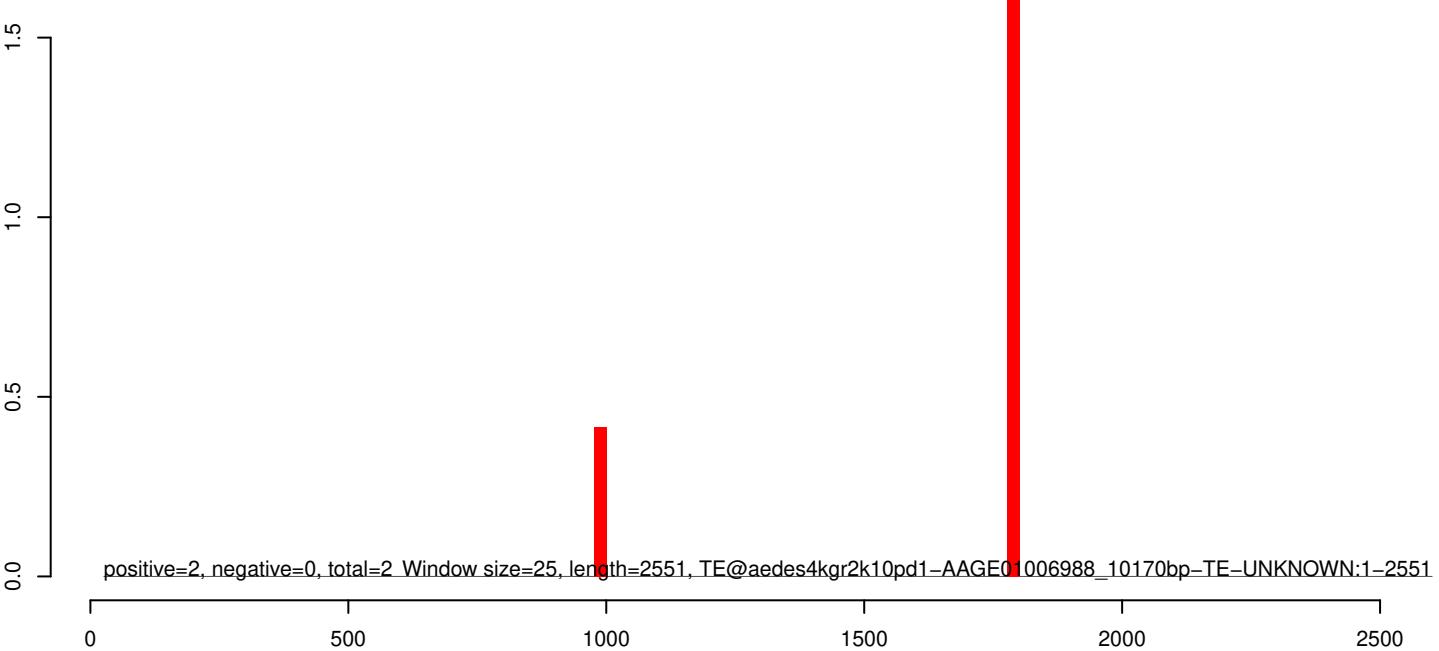
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



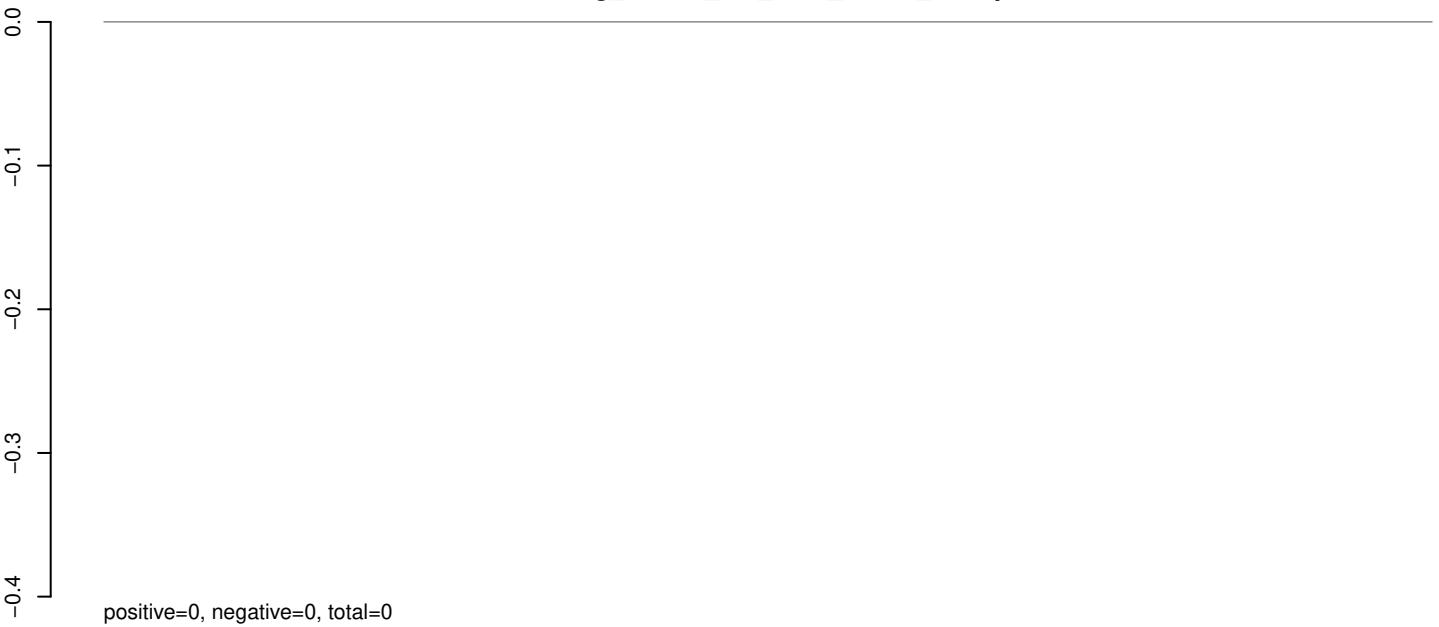
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



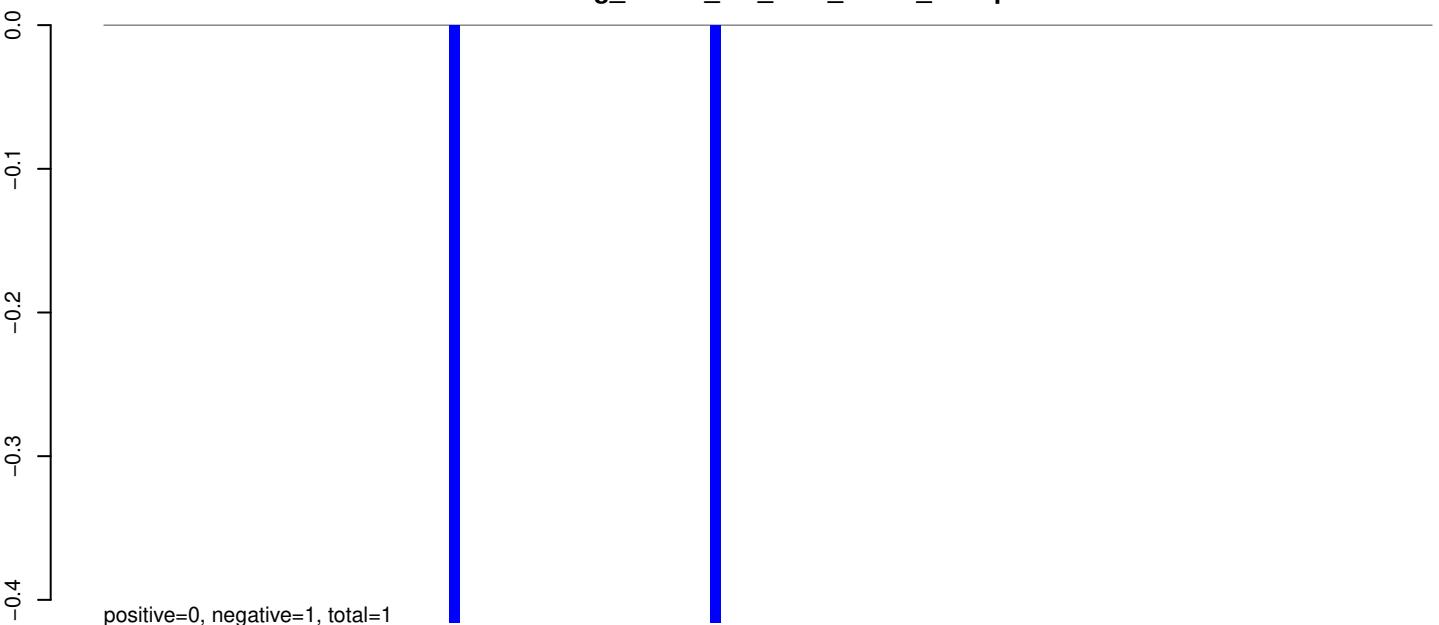
**AeAeg\_Whole\_sm\_r123\_JM.rep**



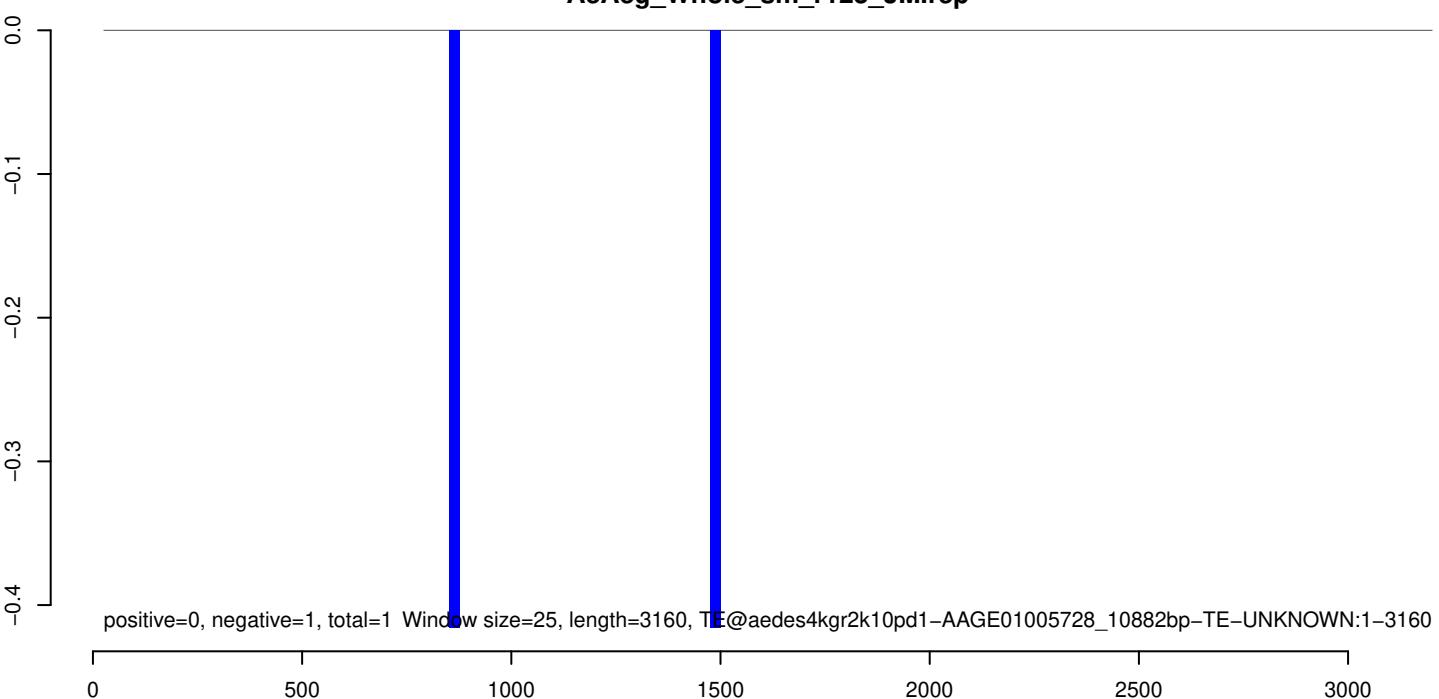
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

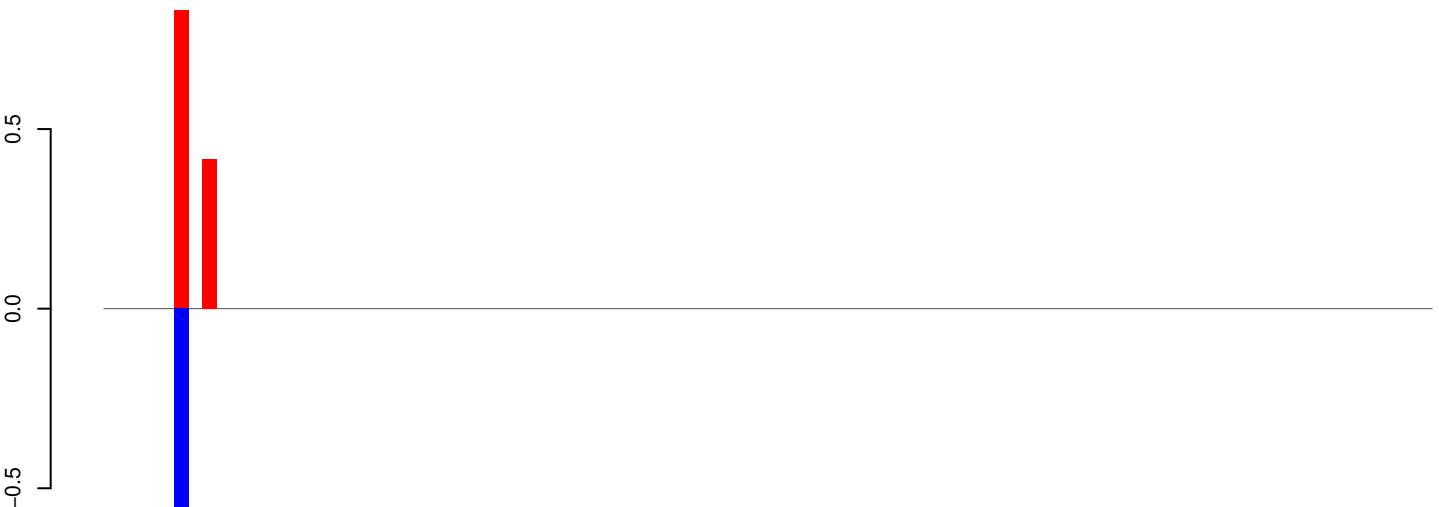


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



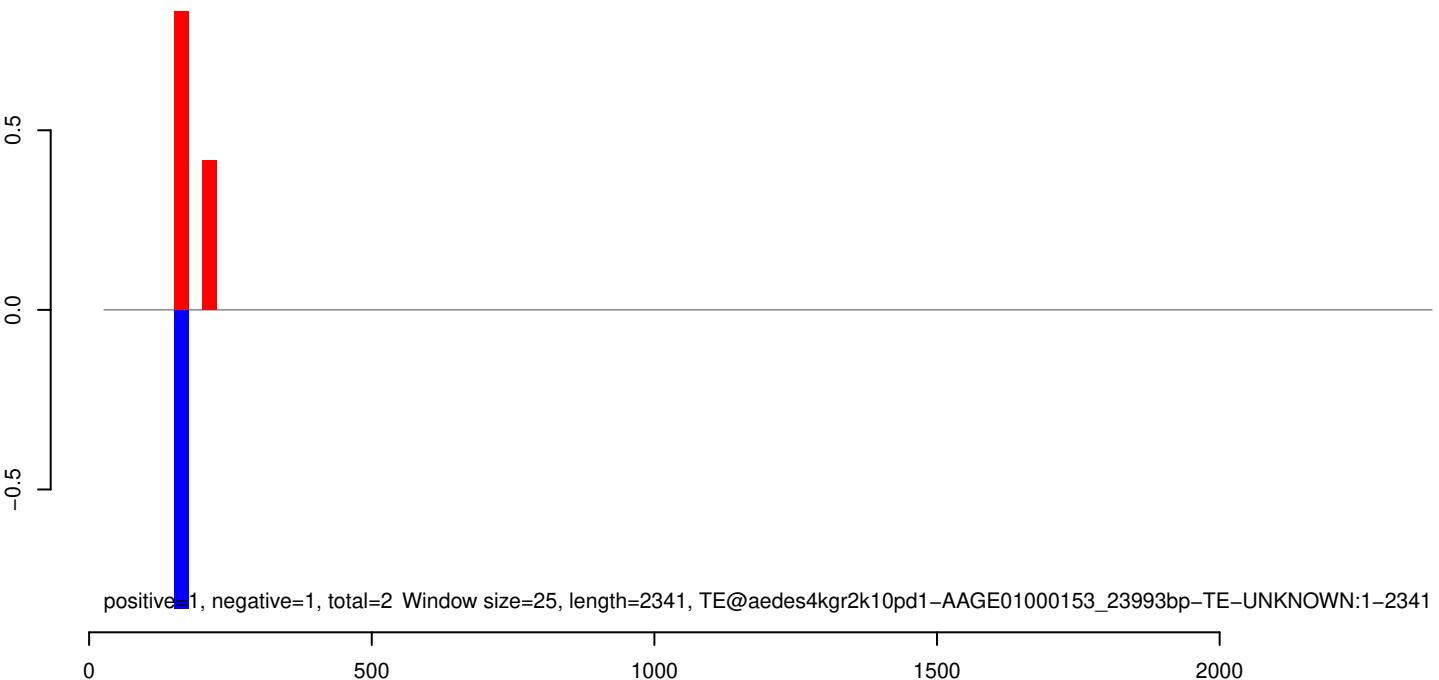
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1

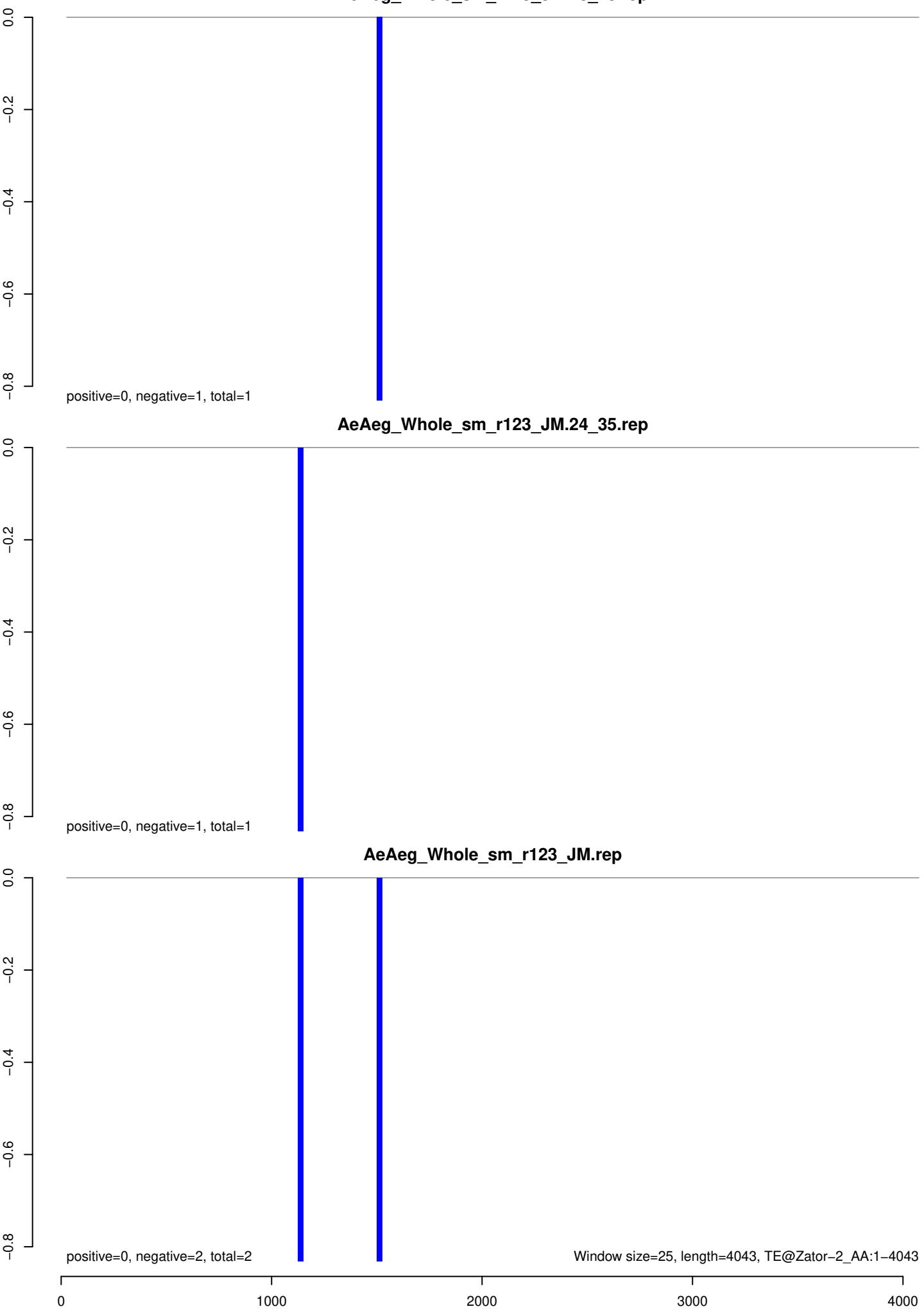
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

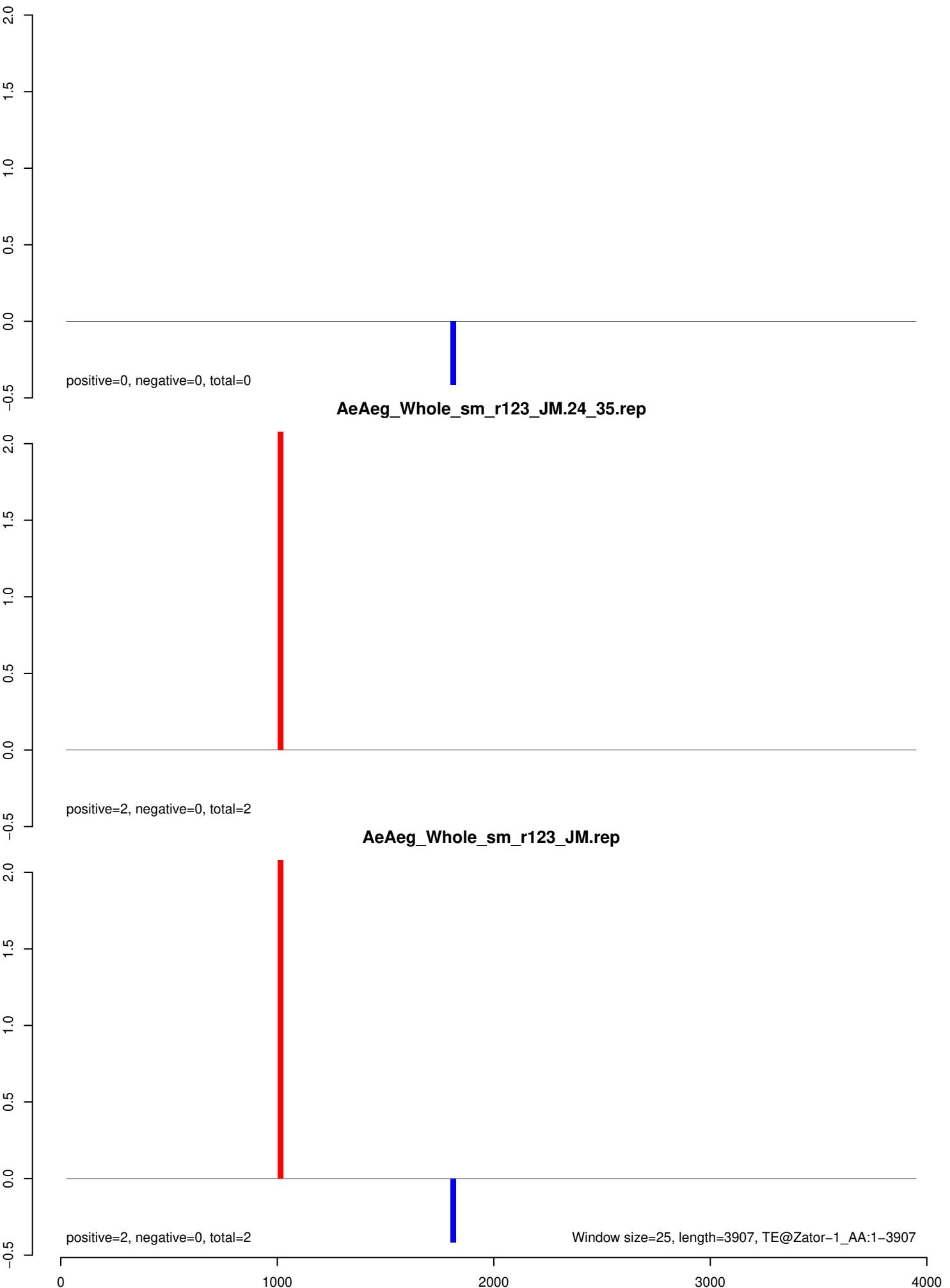
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

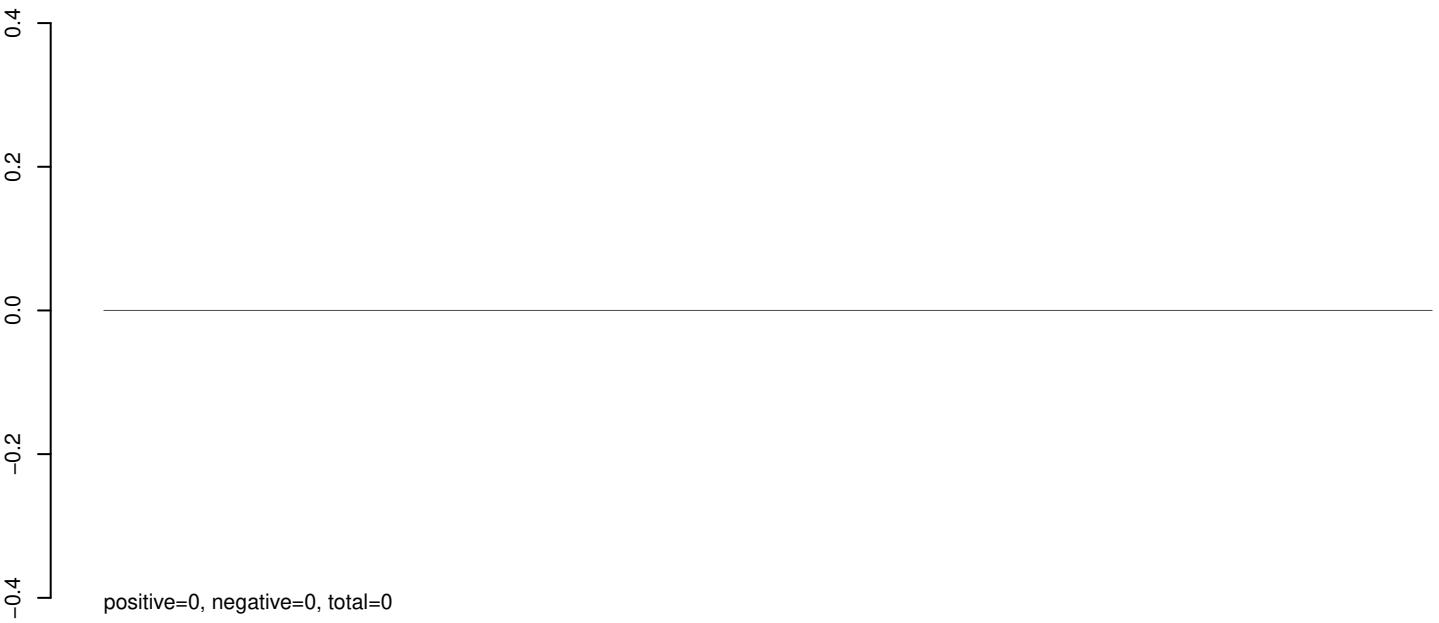
Window size=25, length=4043, TE@Zator-2\_AA:1-4043



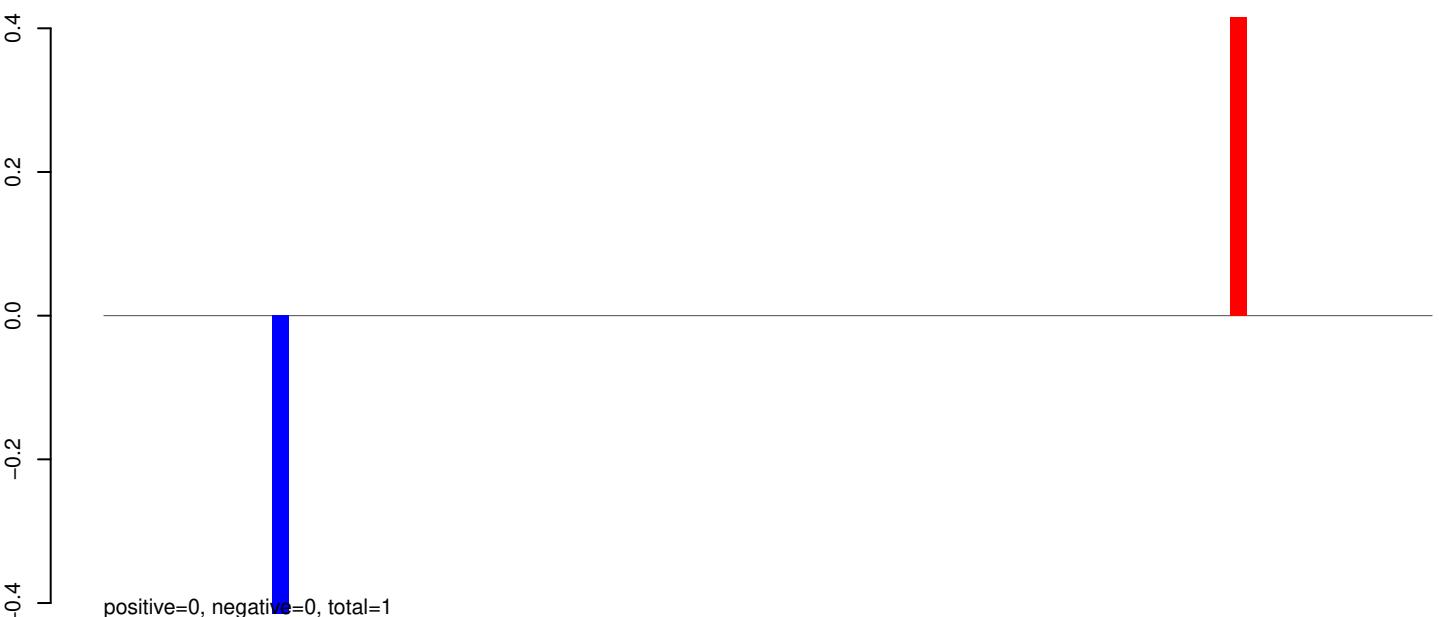
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



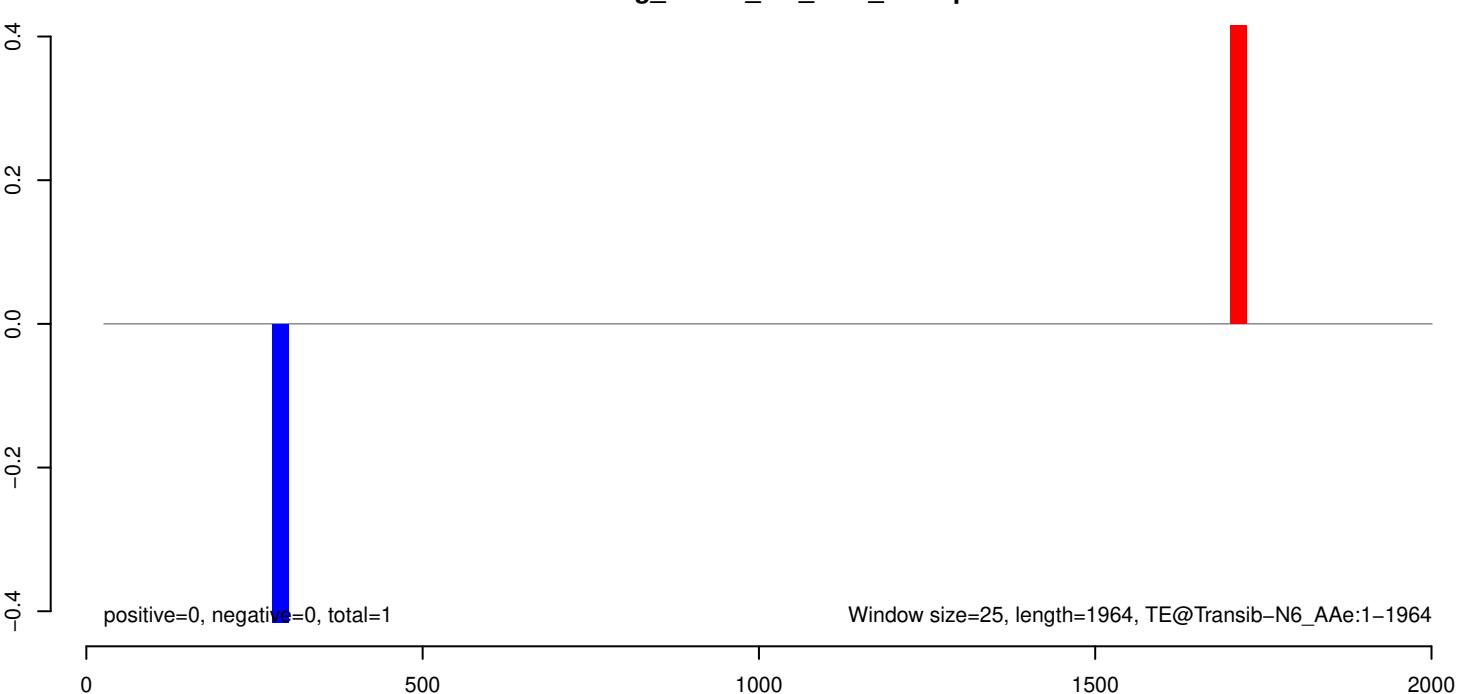
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



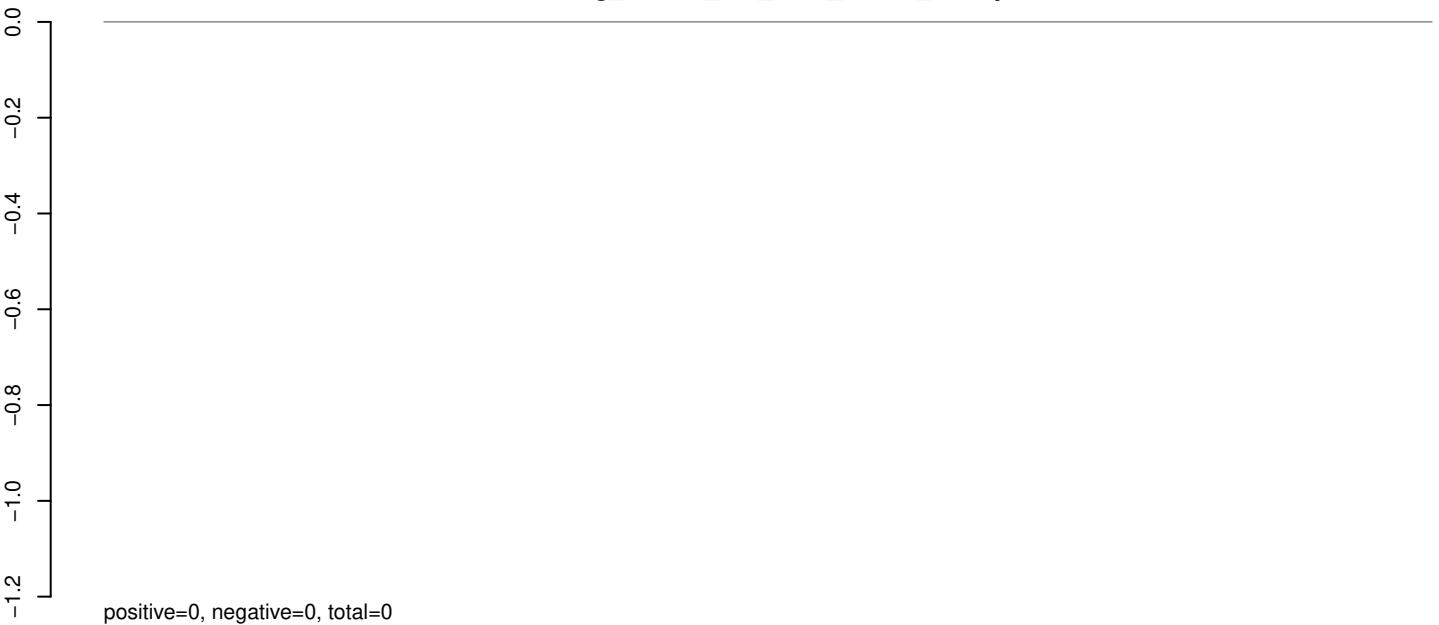
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



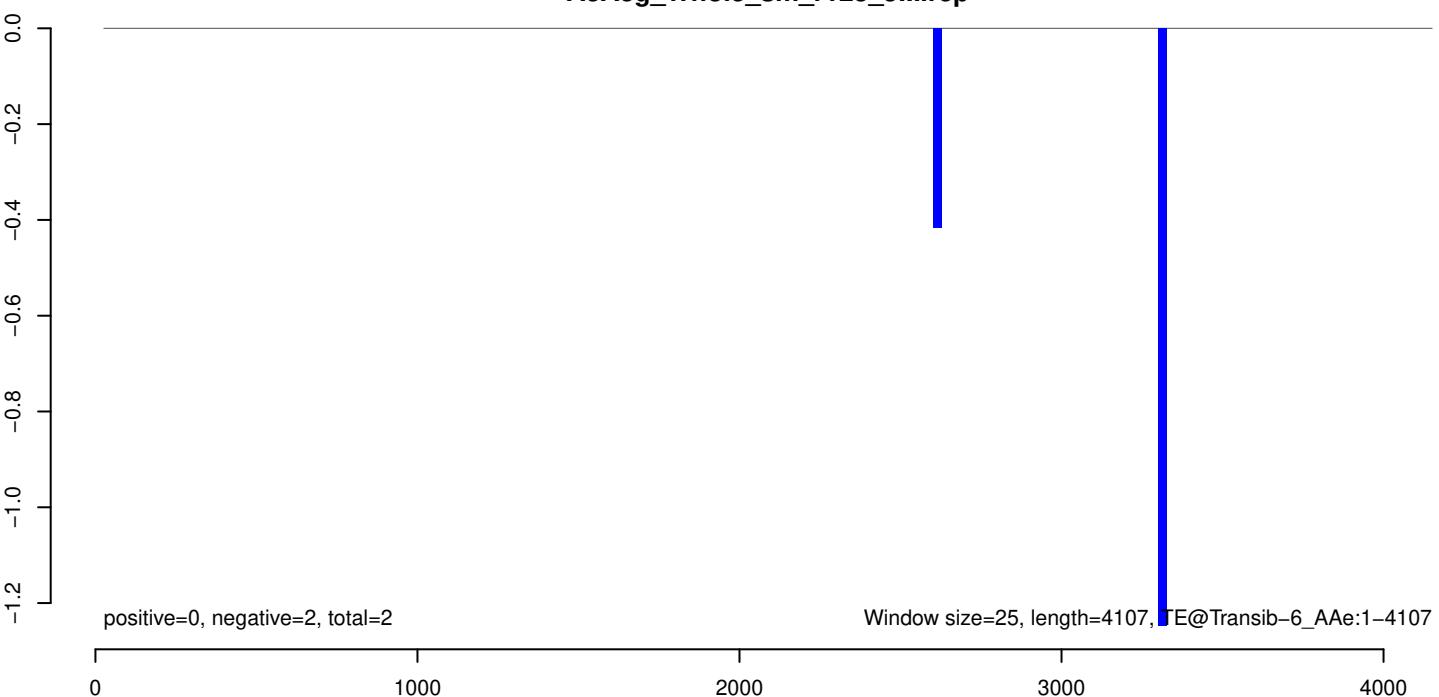
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

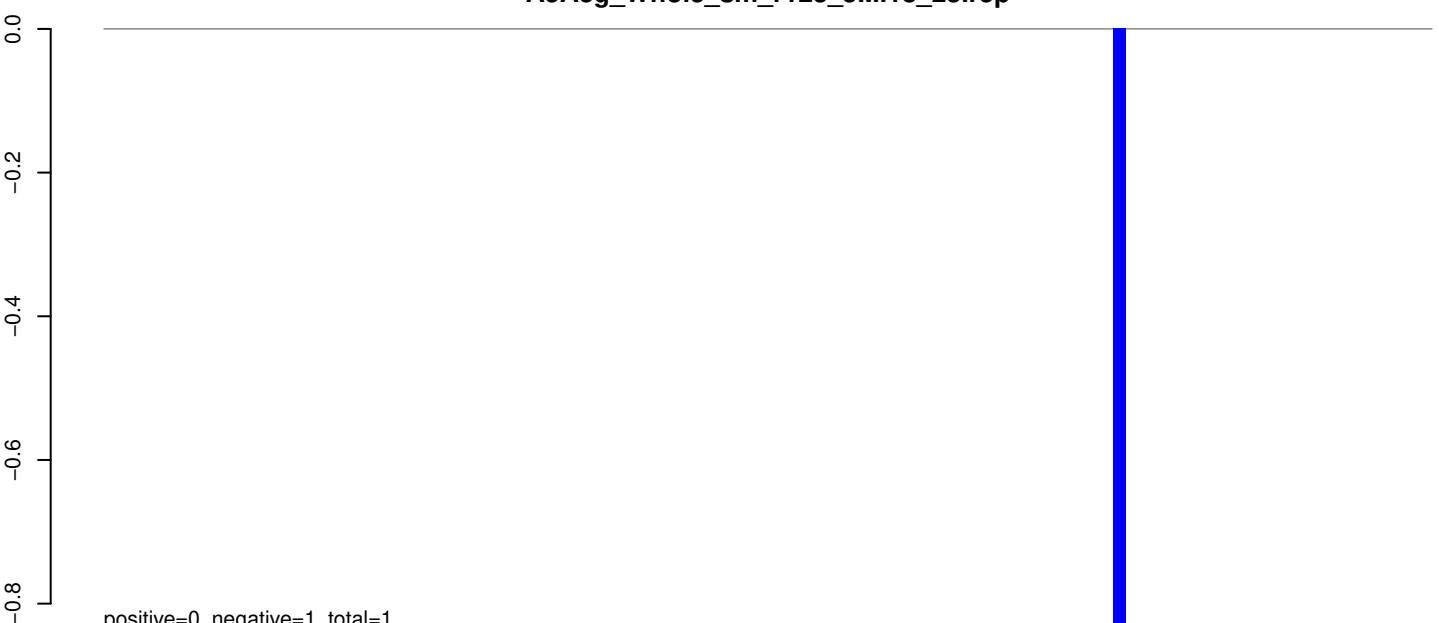


### AeAeg\_Whole\_sm\_r123\_JM.rep



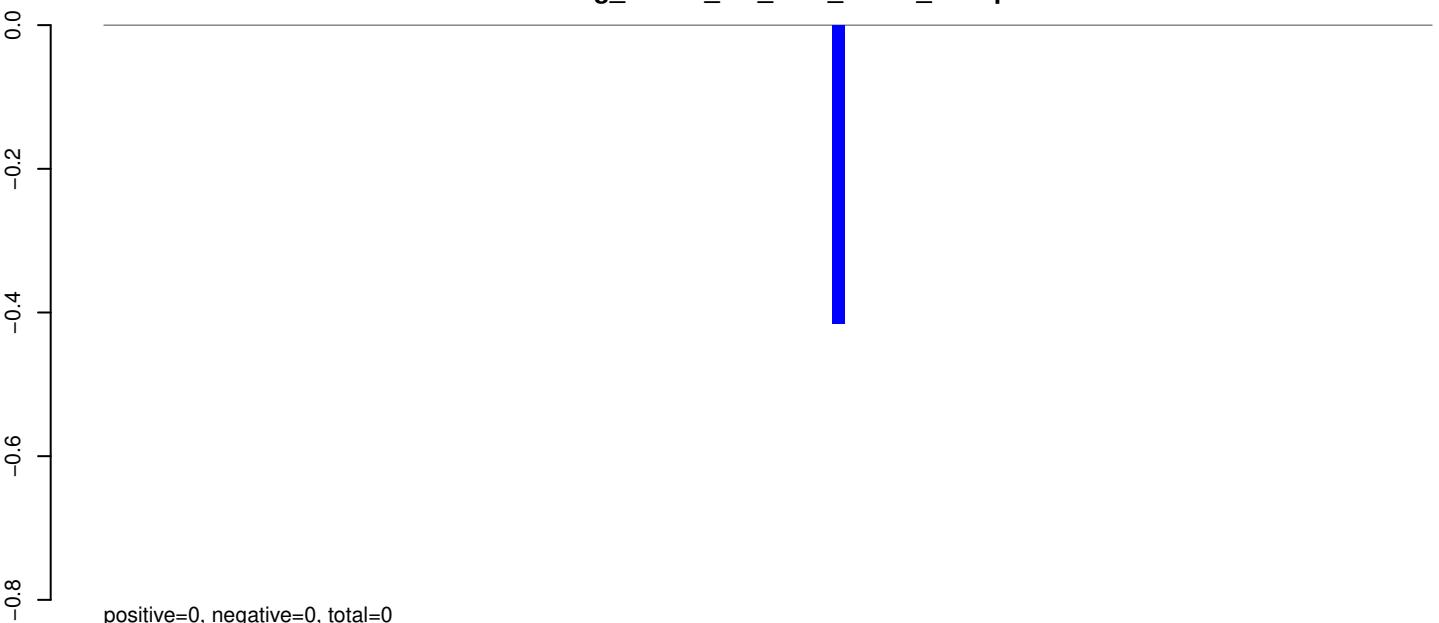
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

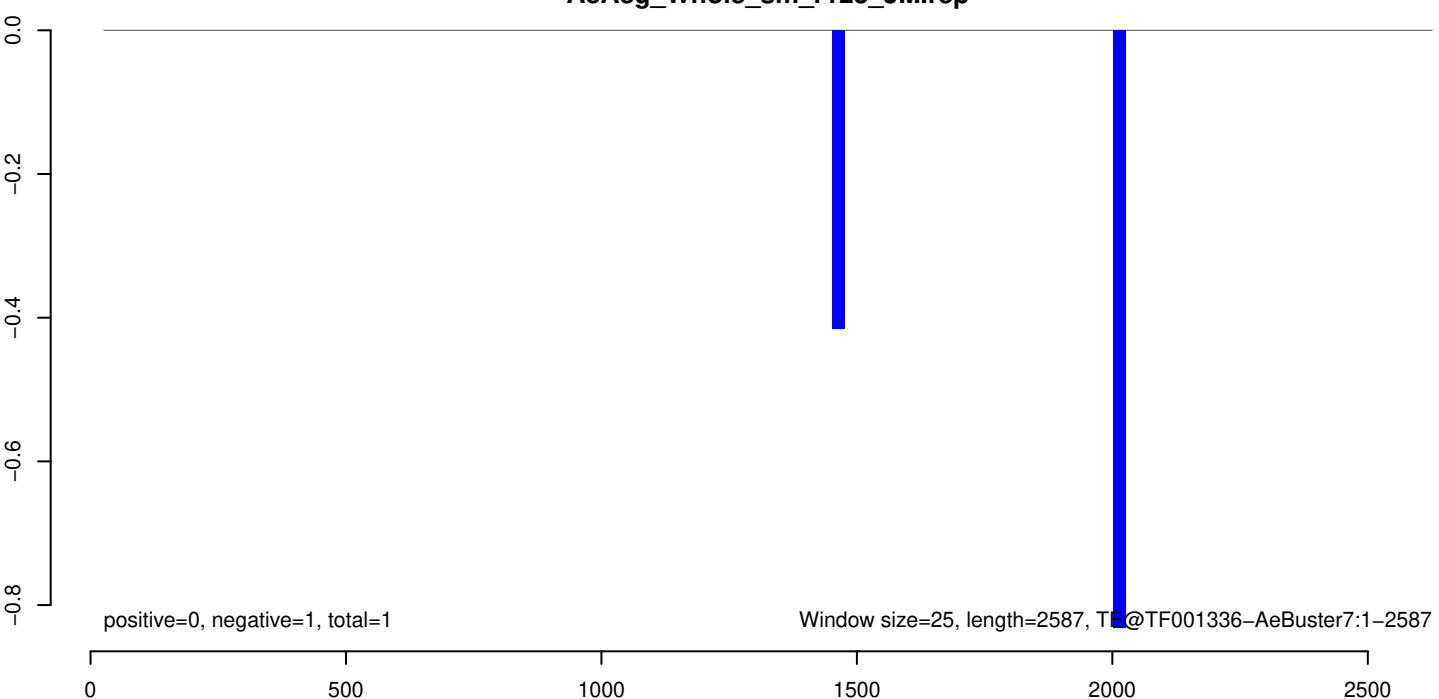
positive=0, negative=0, total=0



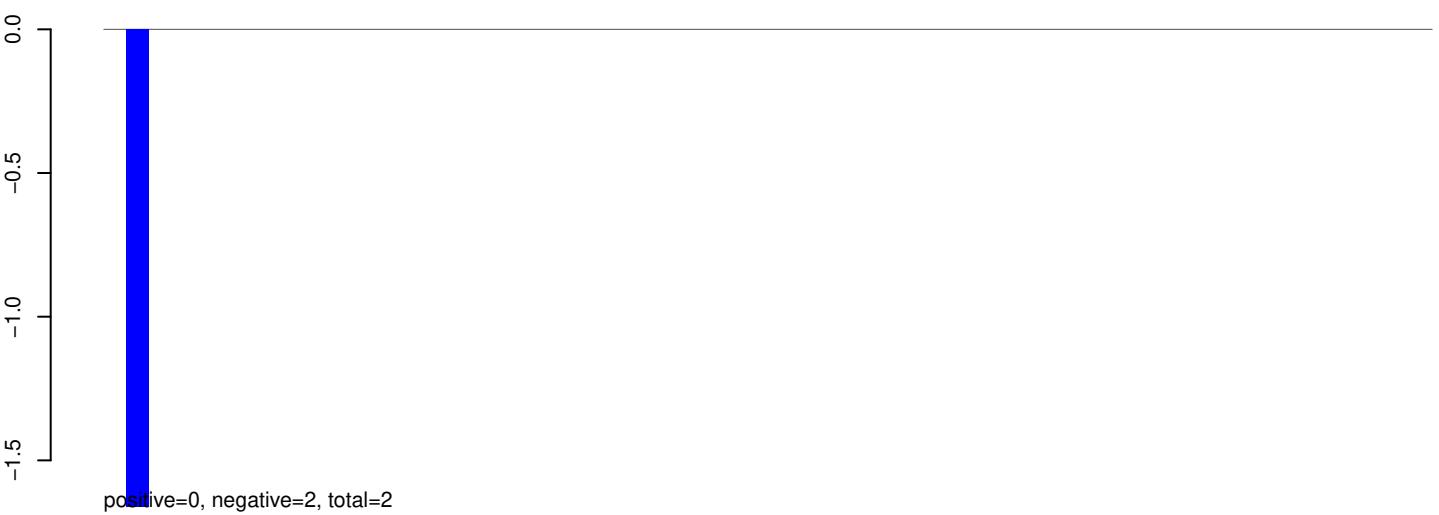
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

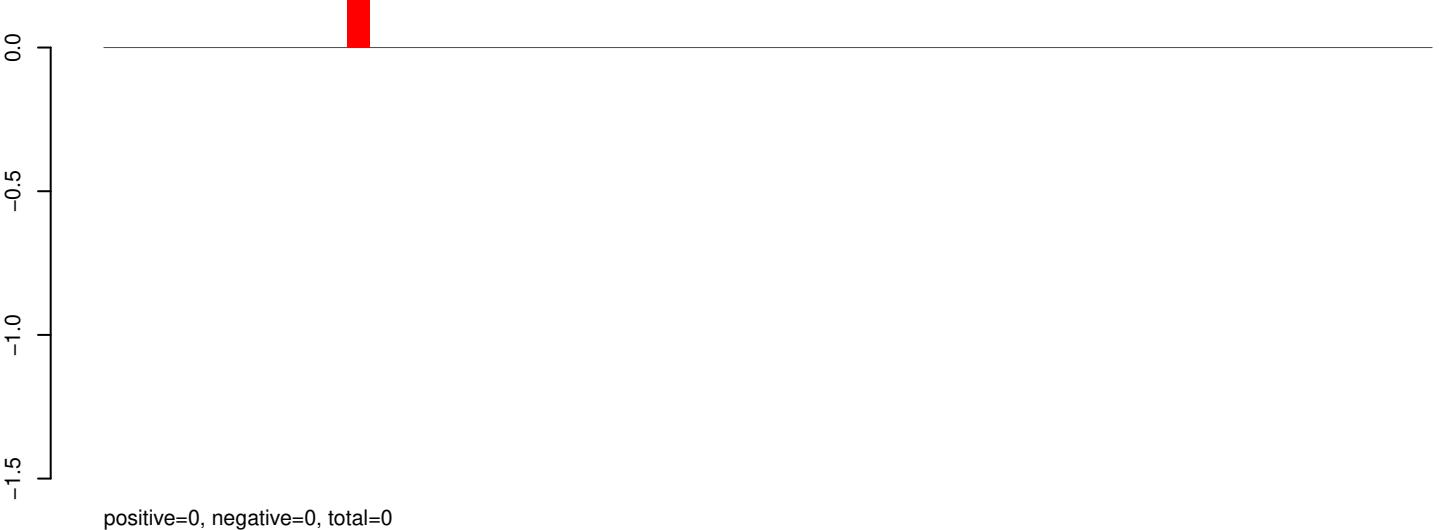
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**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



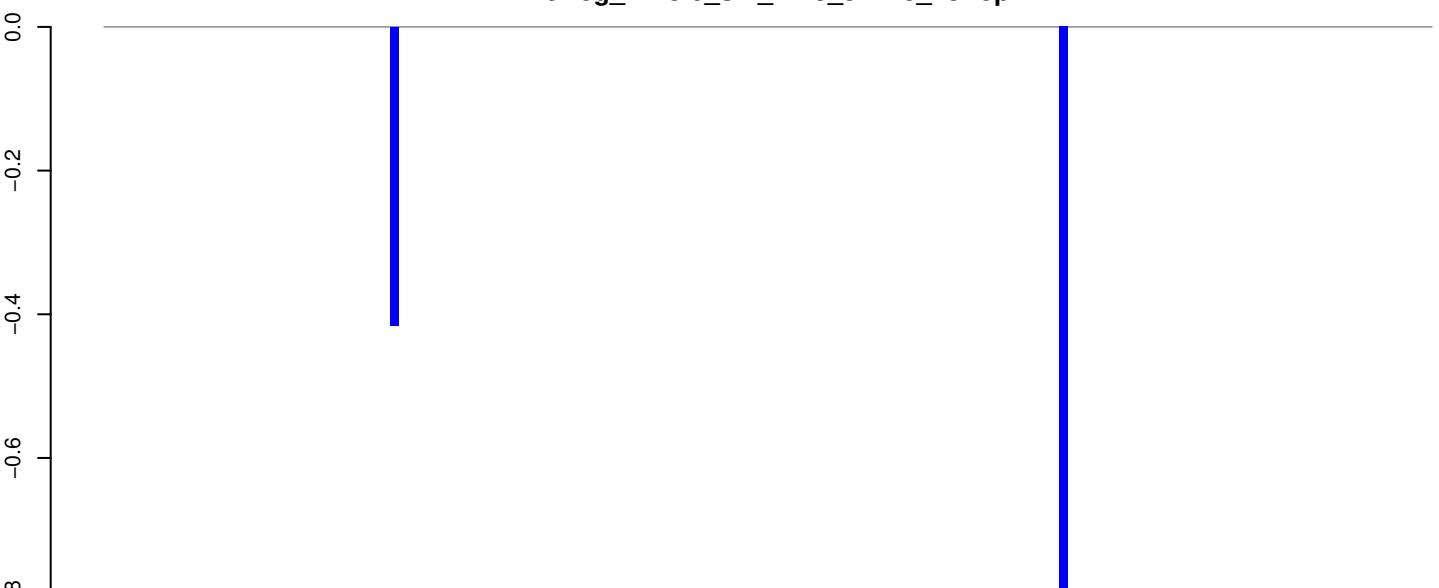
**AeAeg\_Whole\_sm\_r123\_JM.rep**



0 500 1000 1500

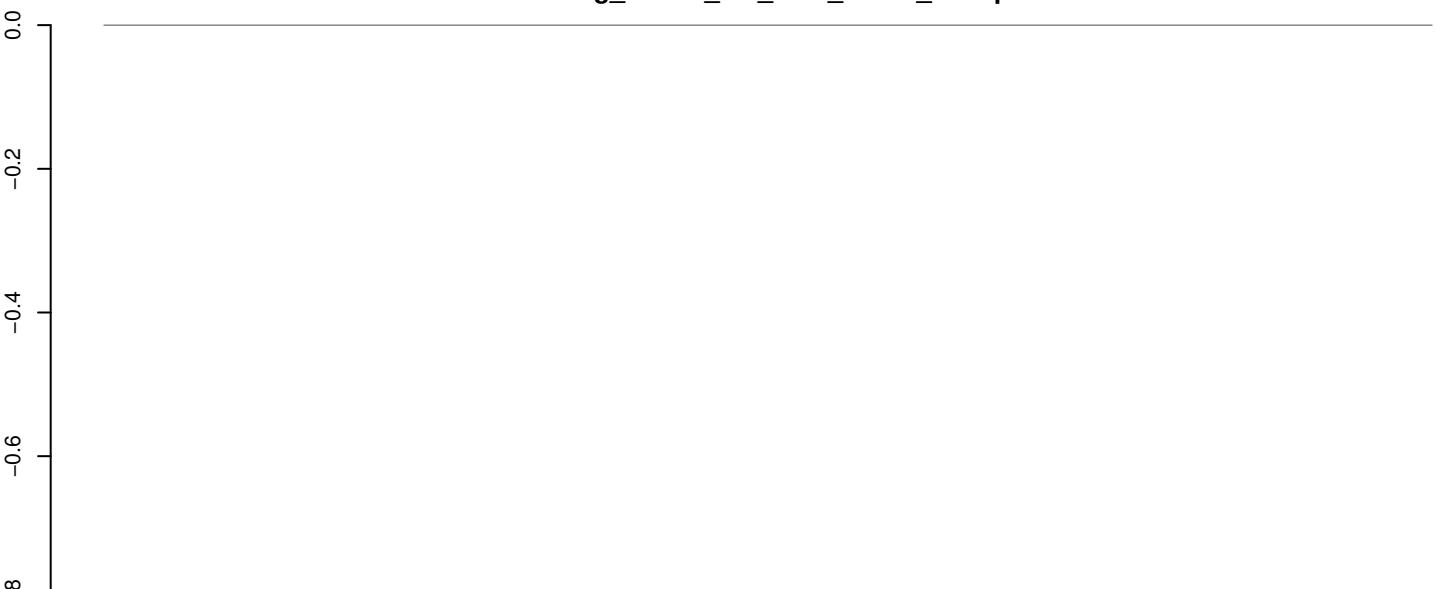
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

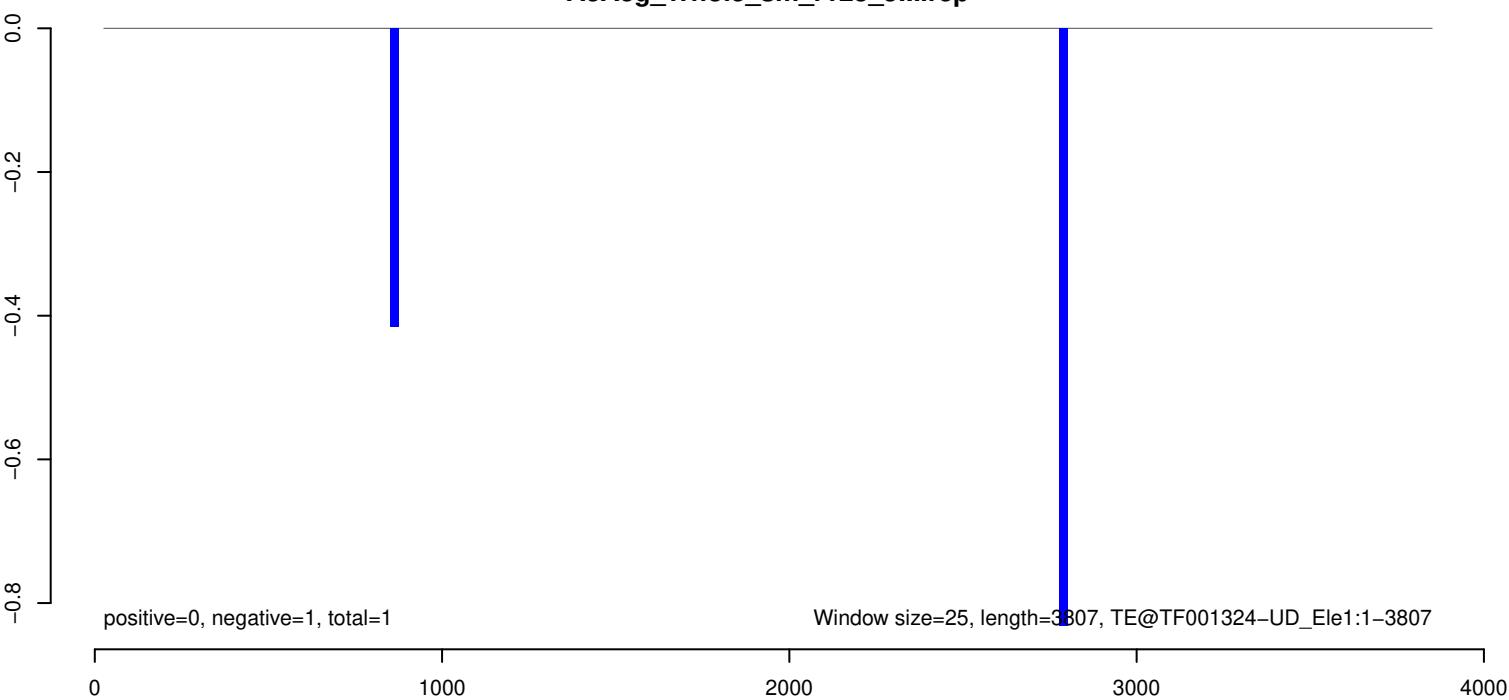
positive=0, negative=0, total=0



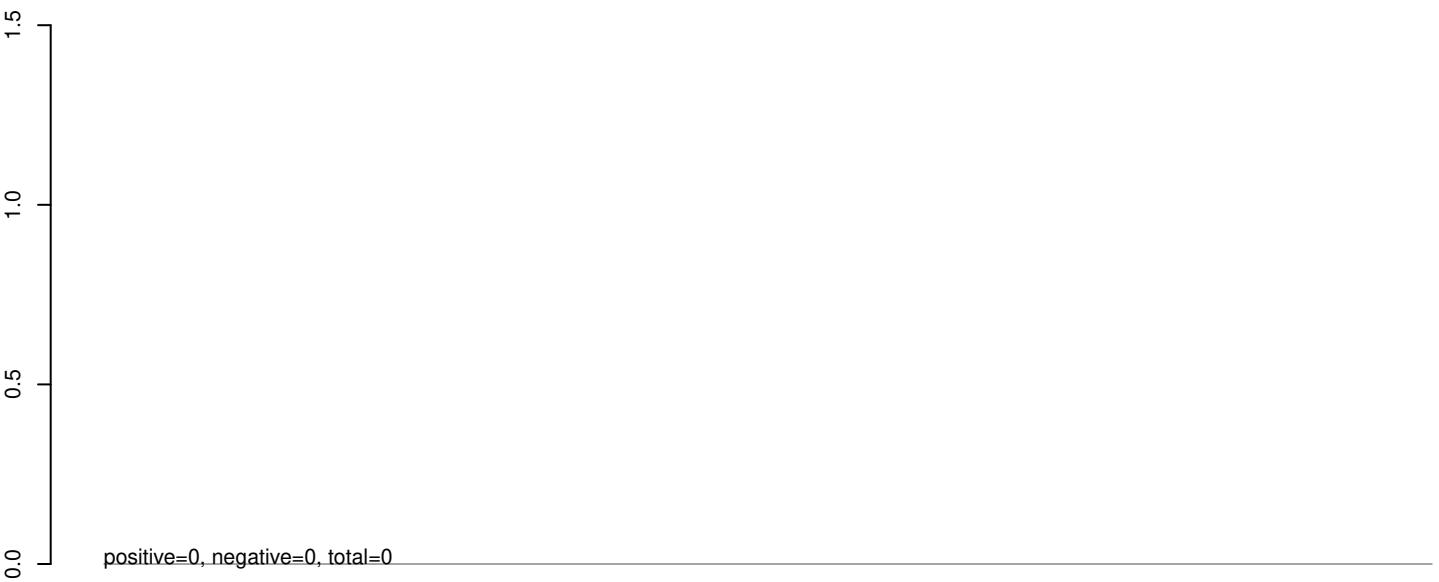
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

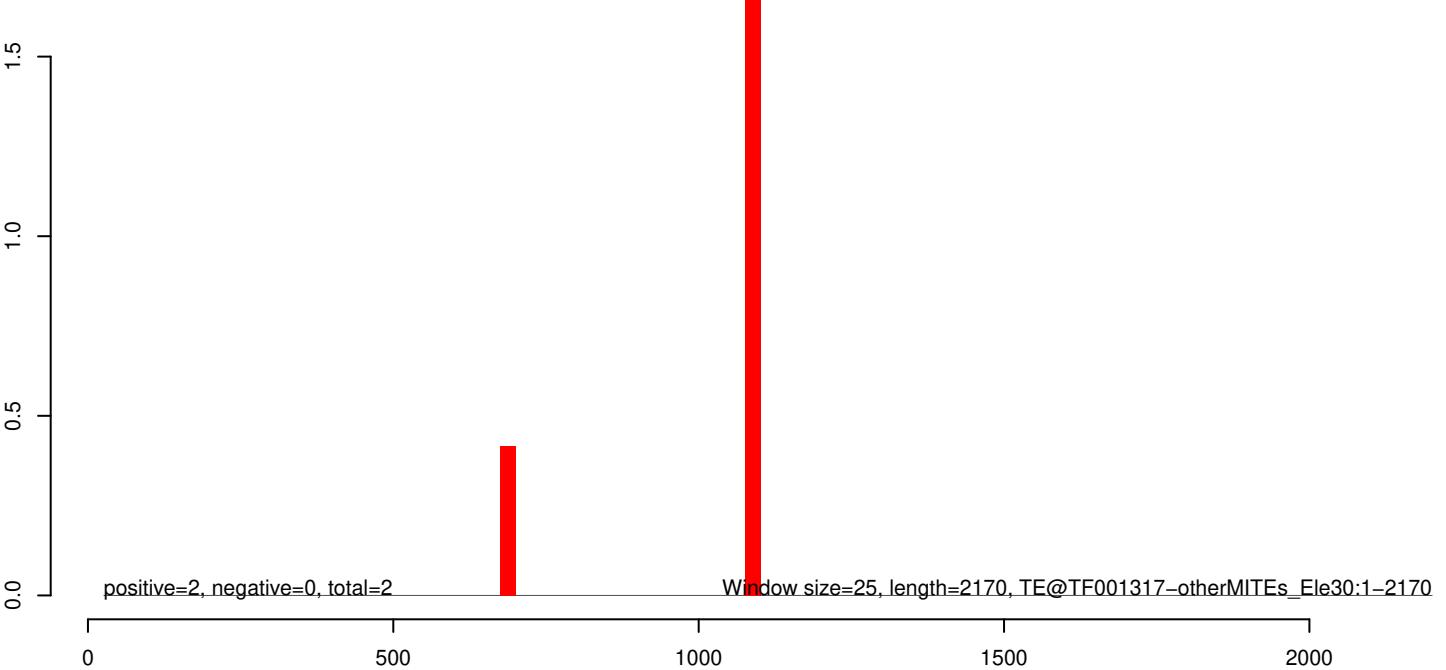
Window size=25, length=3807, TE@TF001324-UD\_Ele1:1-3807



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

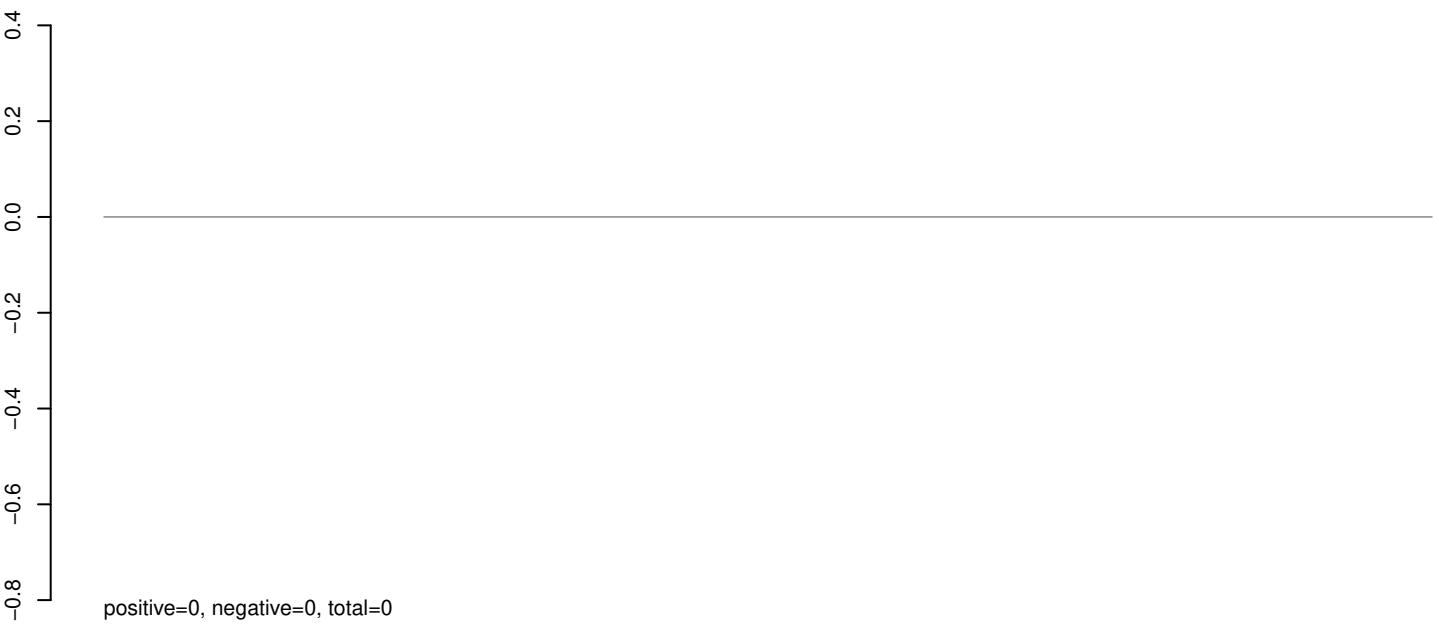


**AeAeg\_Whole\_sm\_r123\_JM.rep**



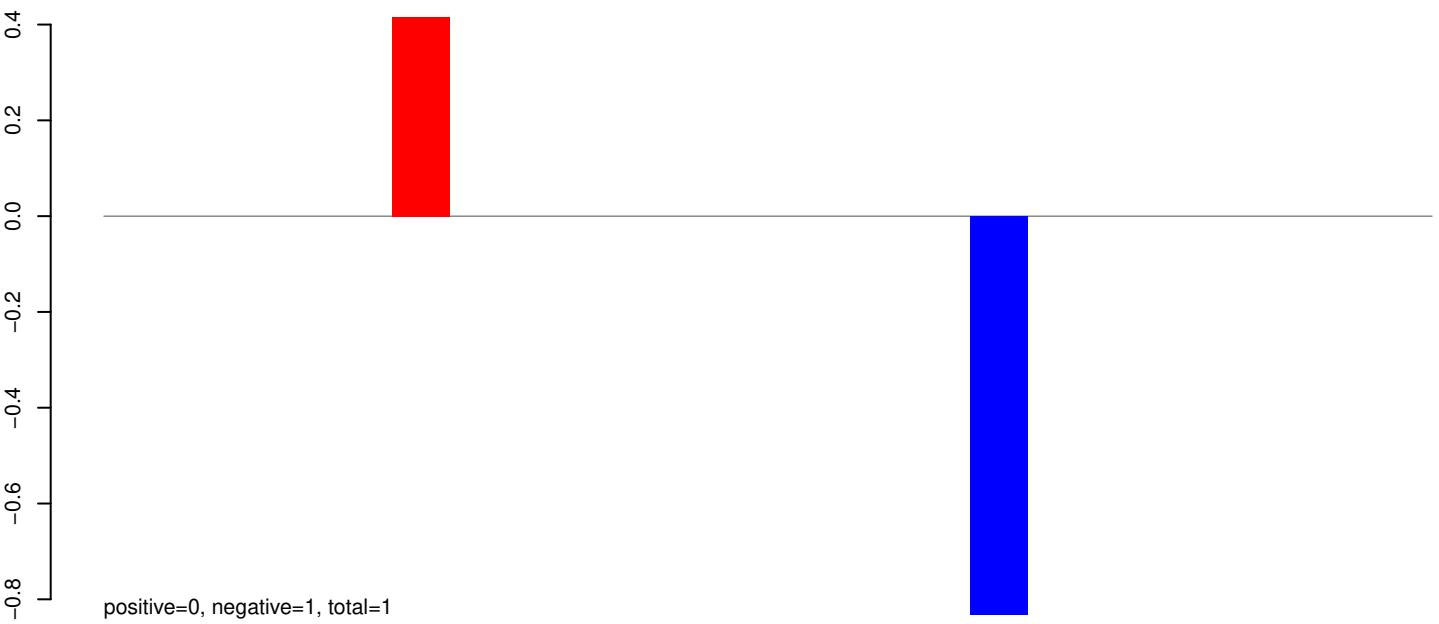
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

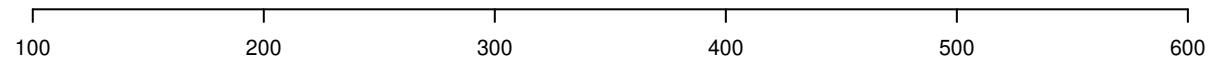
positive=0, negative=1, total=1



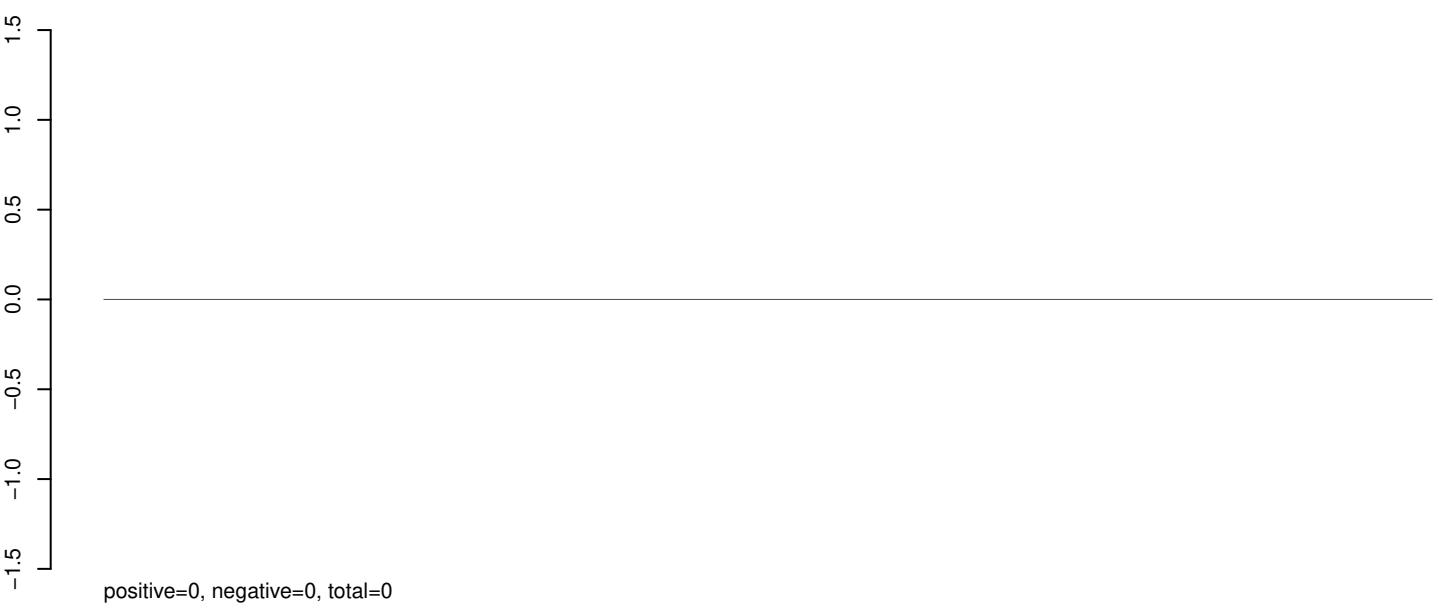
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

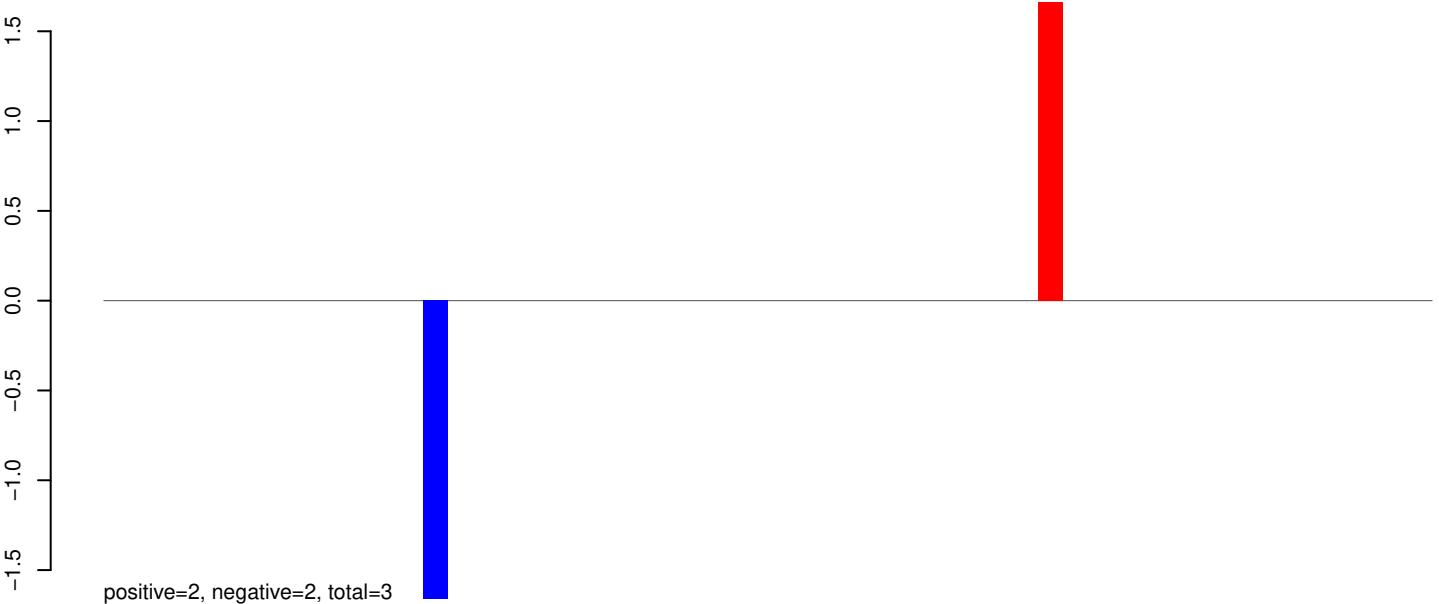
Window size=25, length=552, TE@TF001306-mTA\_Ele51:1-552



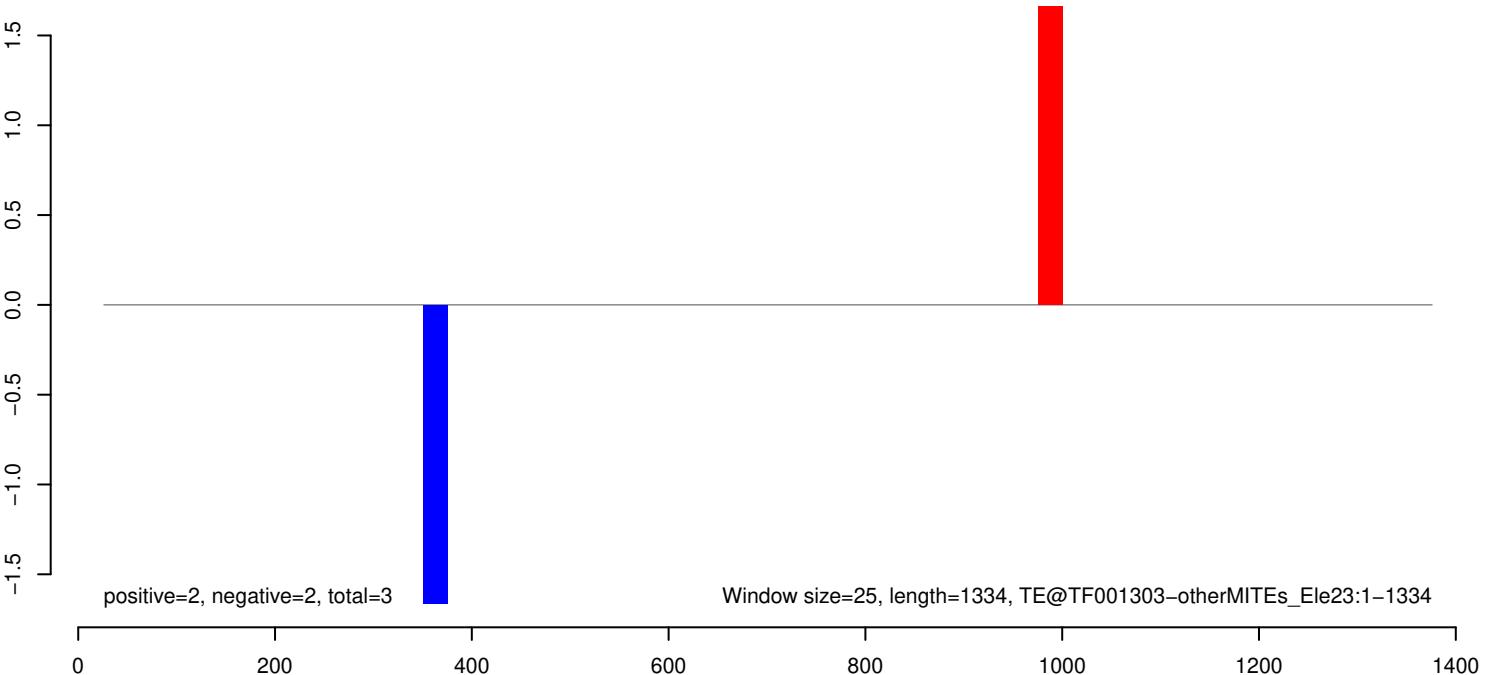
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



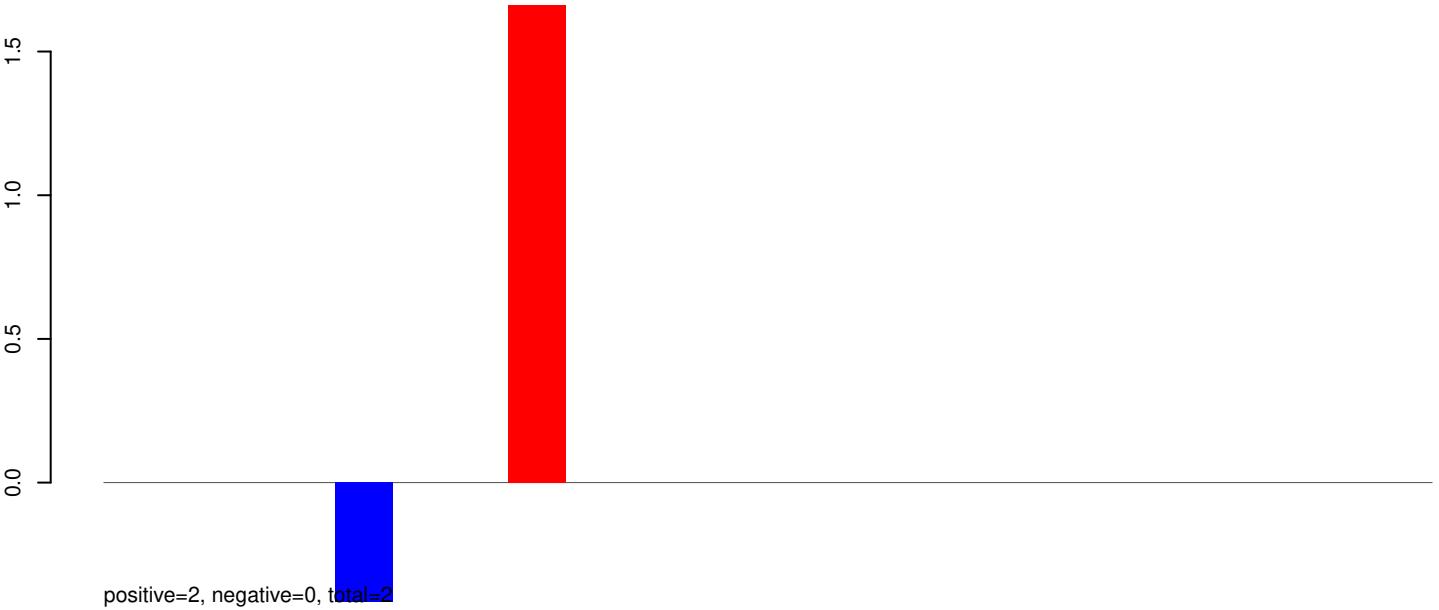
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



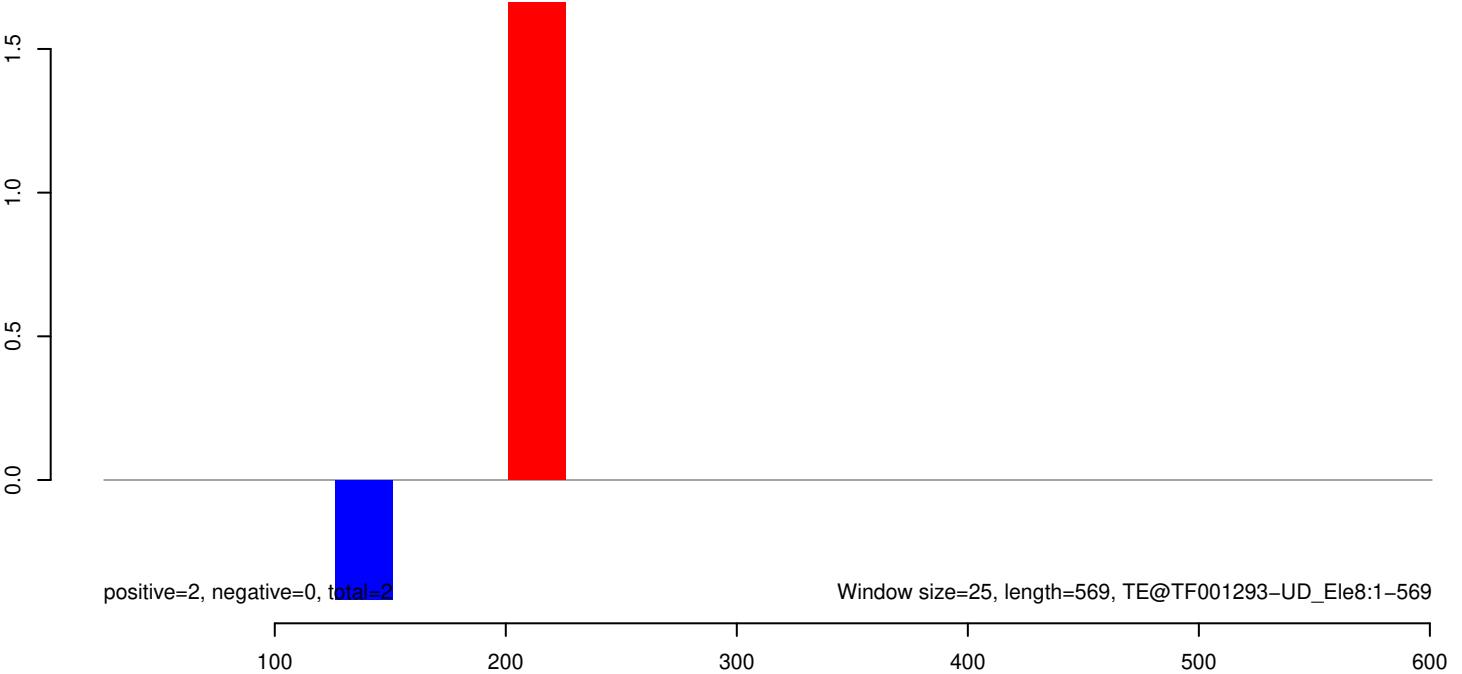
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



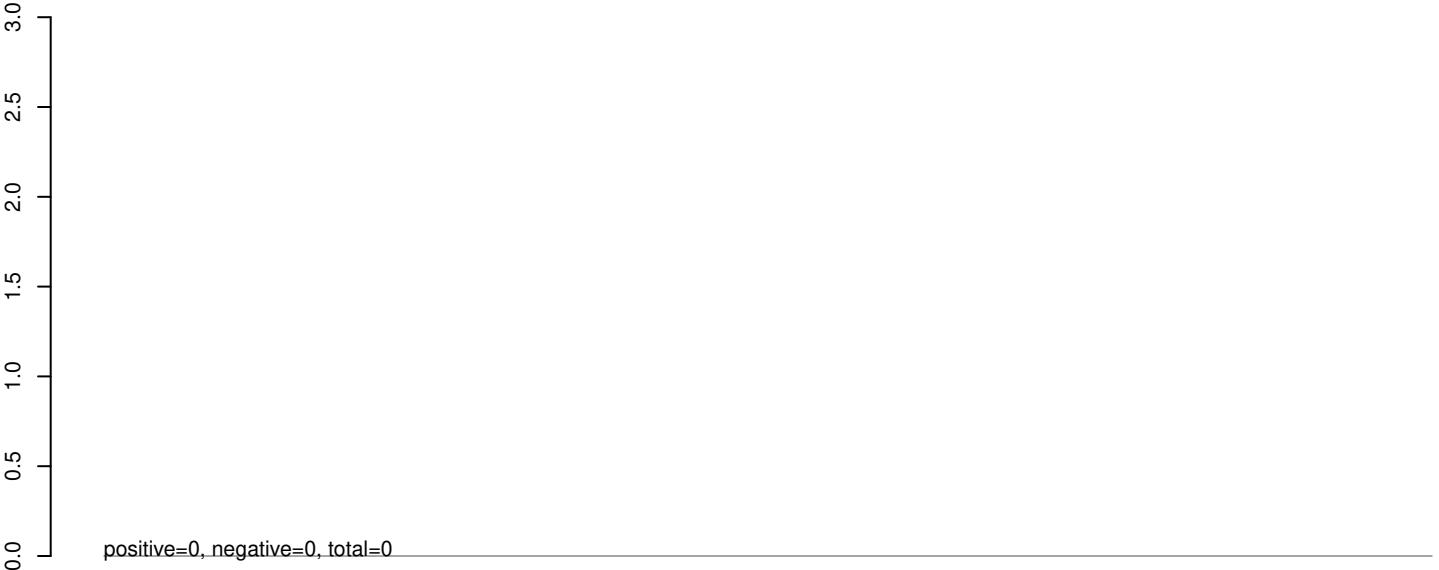
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



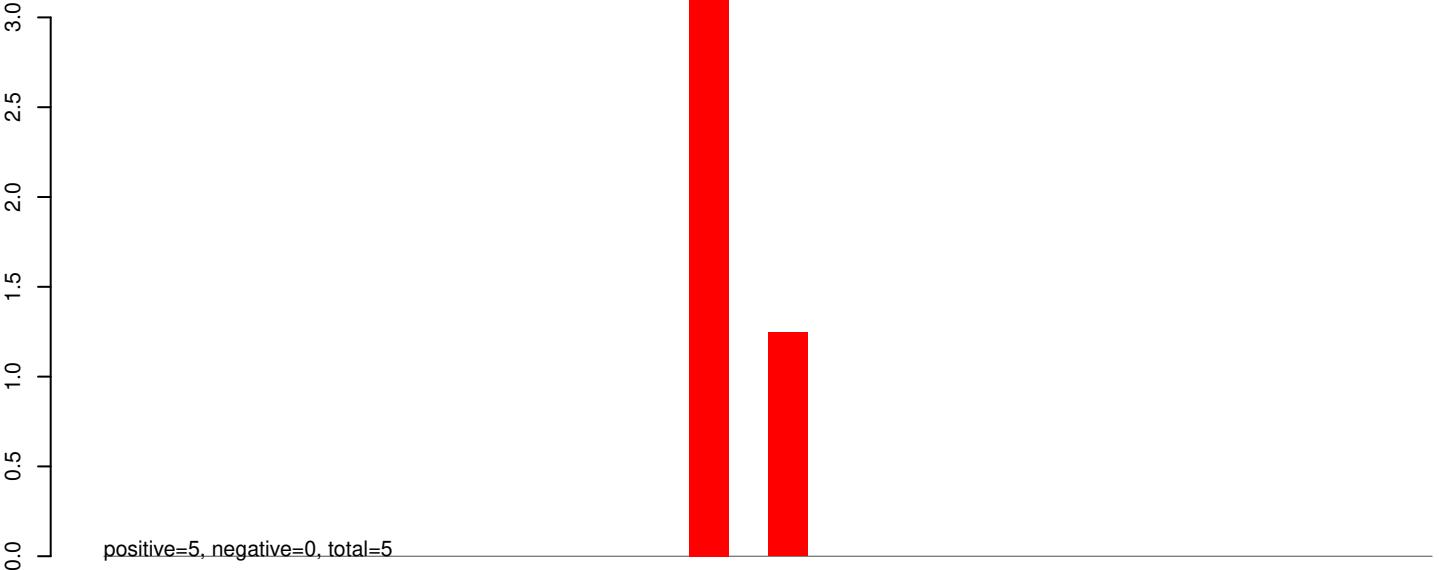
### AeAeg\_Whole\_sm\_r123\_JM.rep



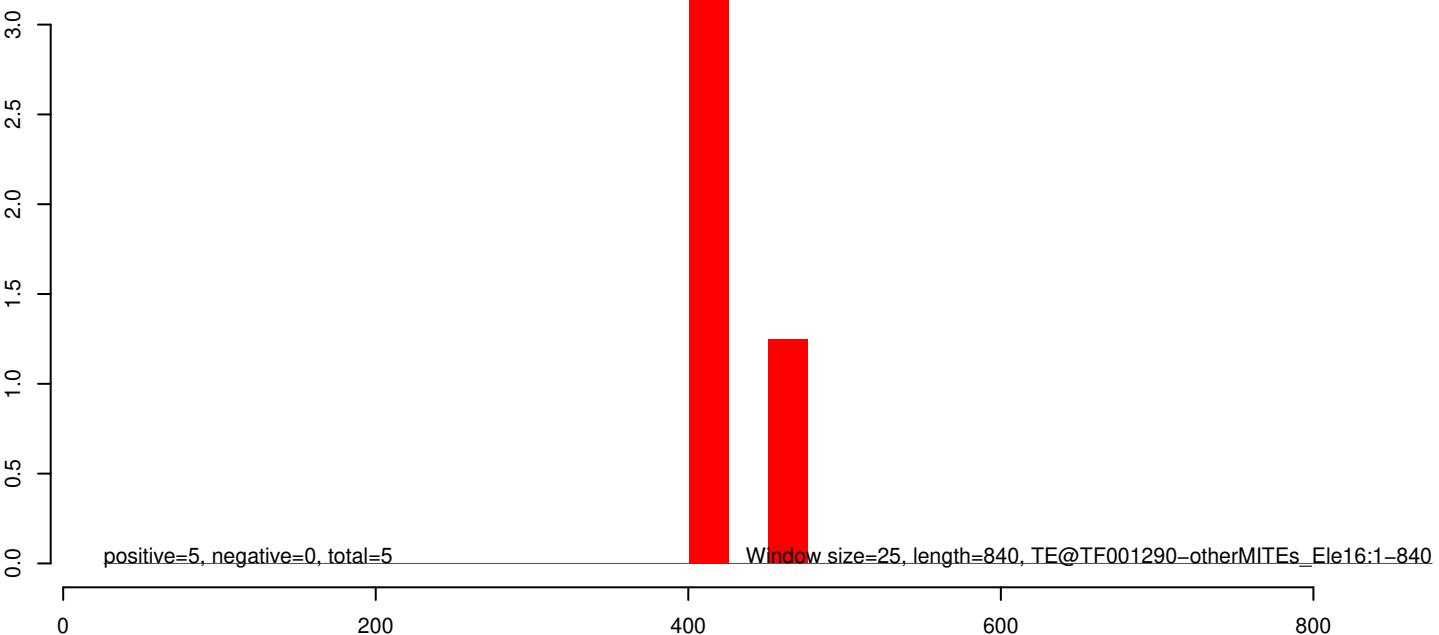
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

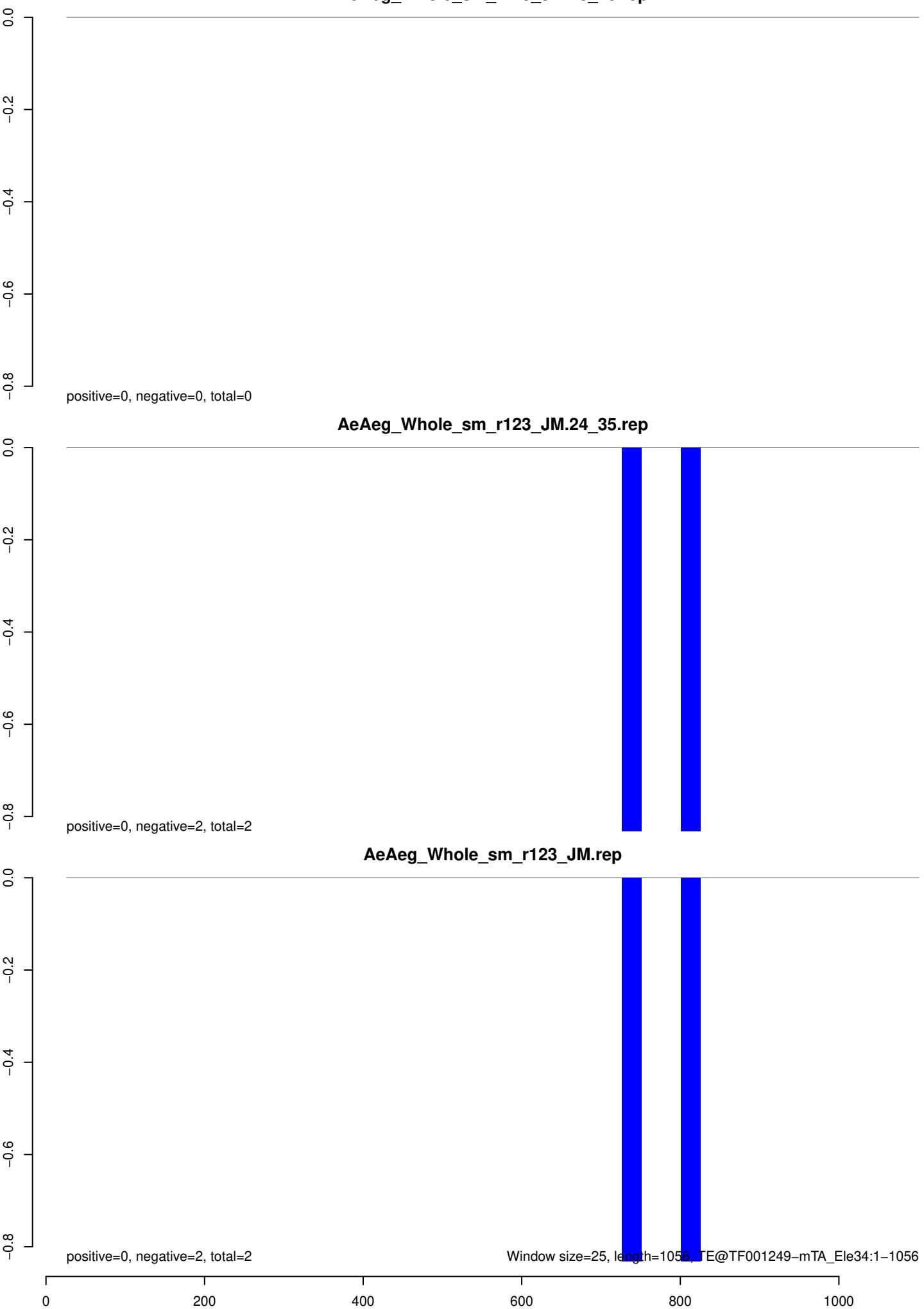
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=2, total=2

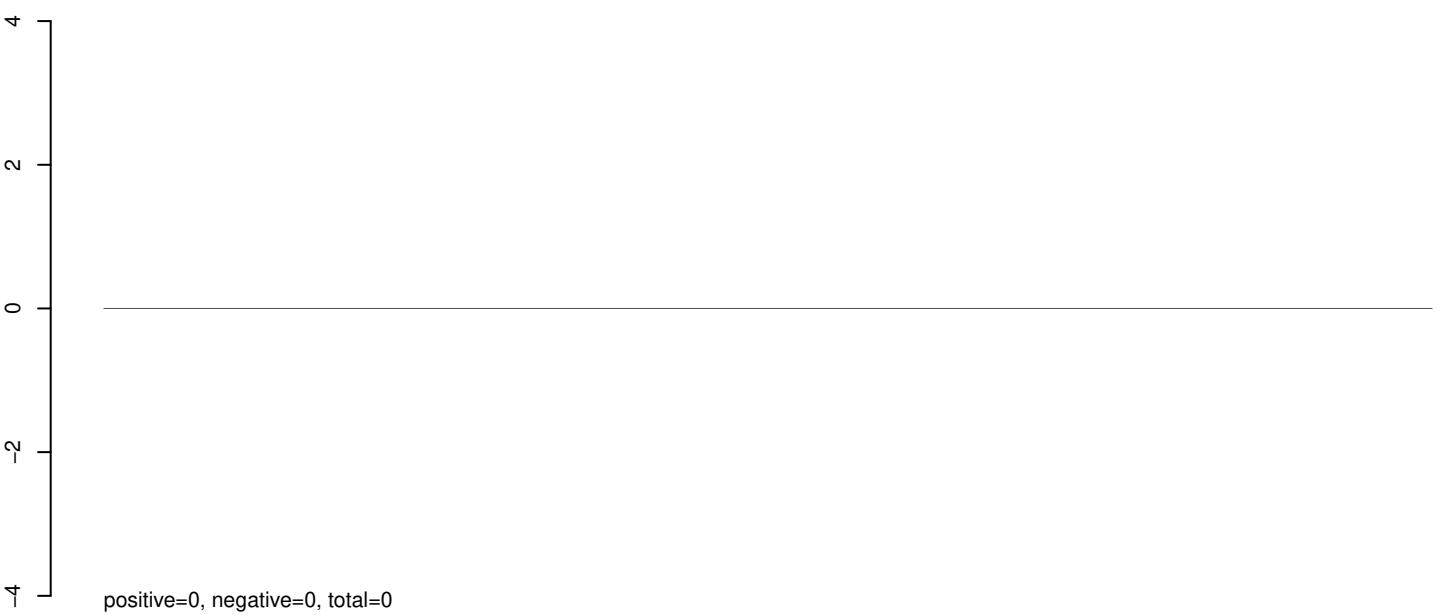
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

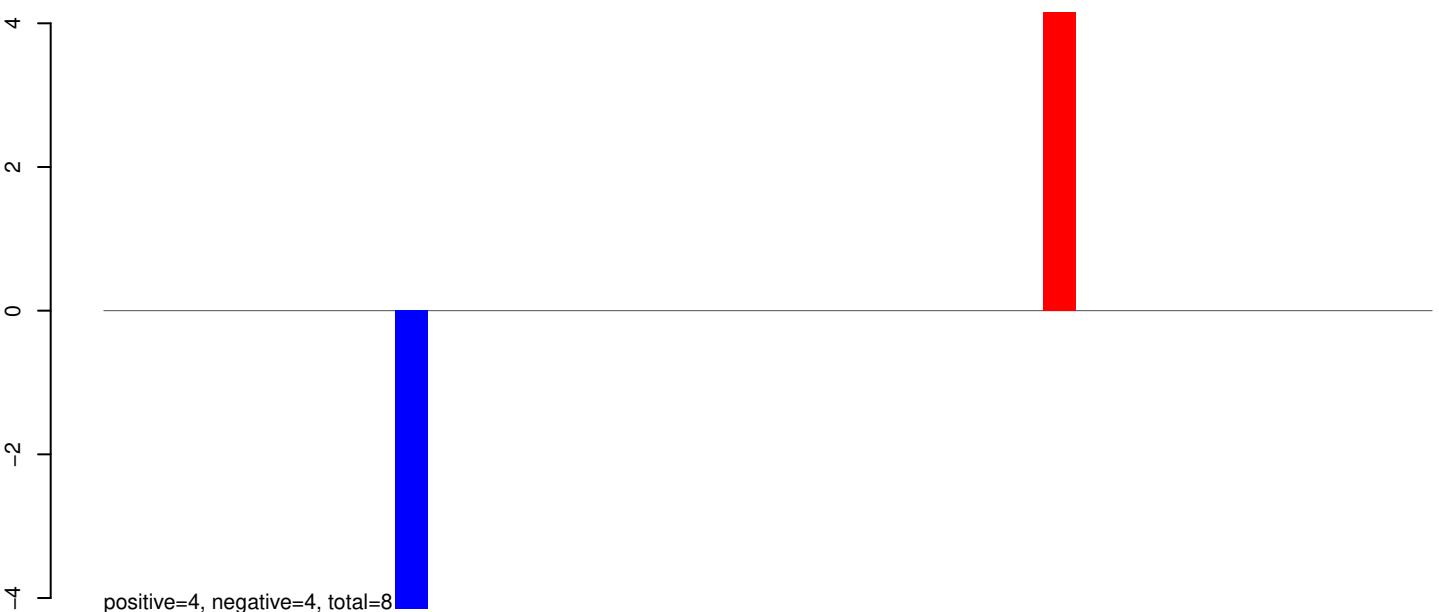
Window size=25, length=1056, TE@TF001249-mTA\_Ele34:1-1056



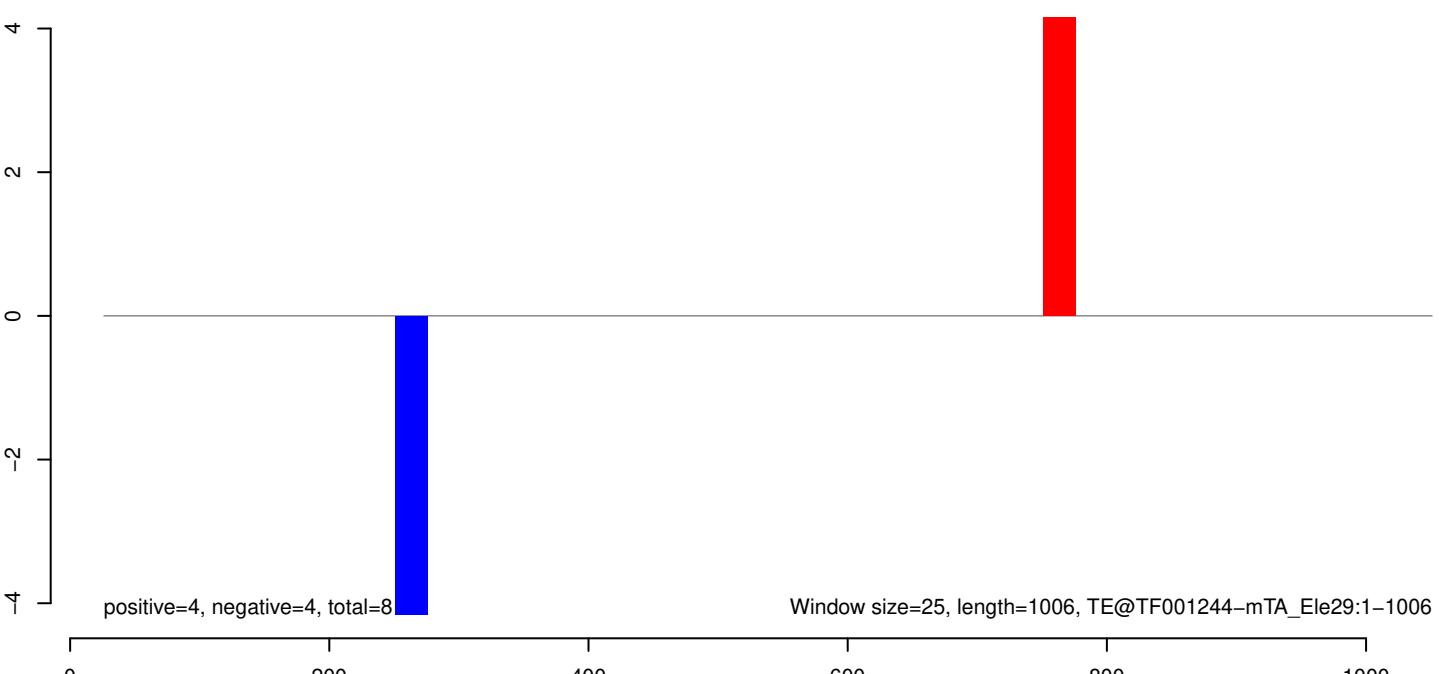
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



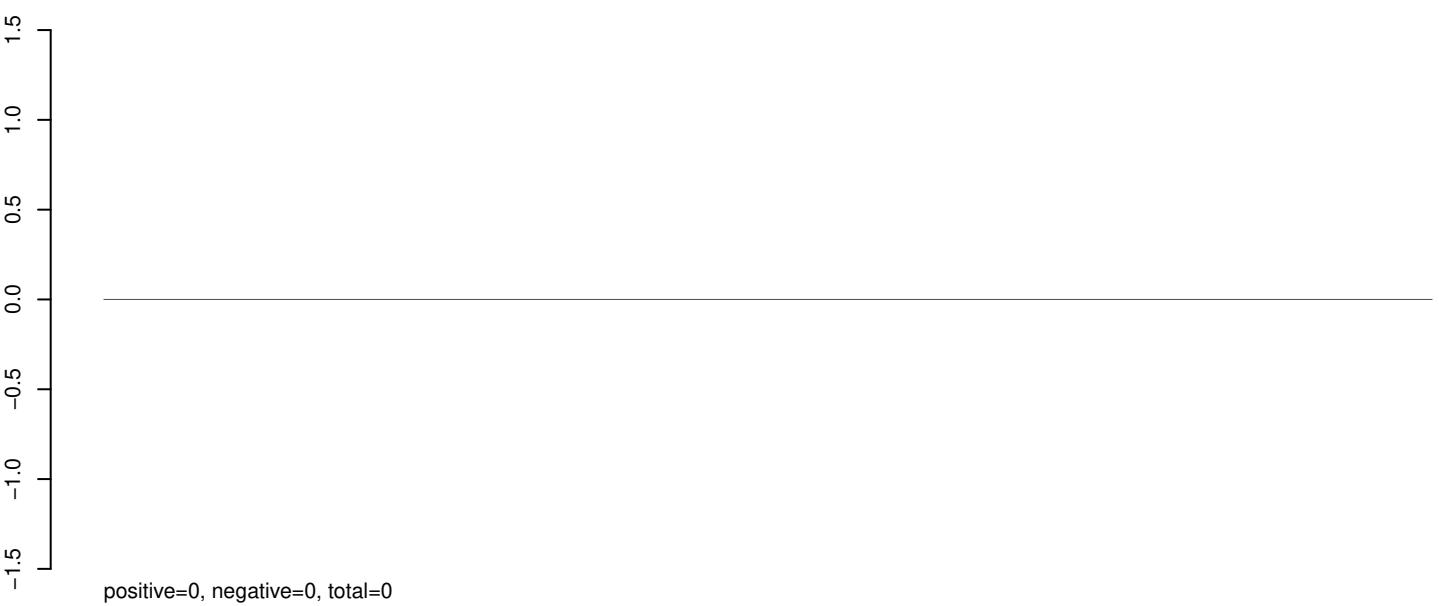
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



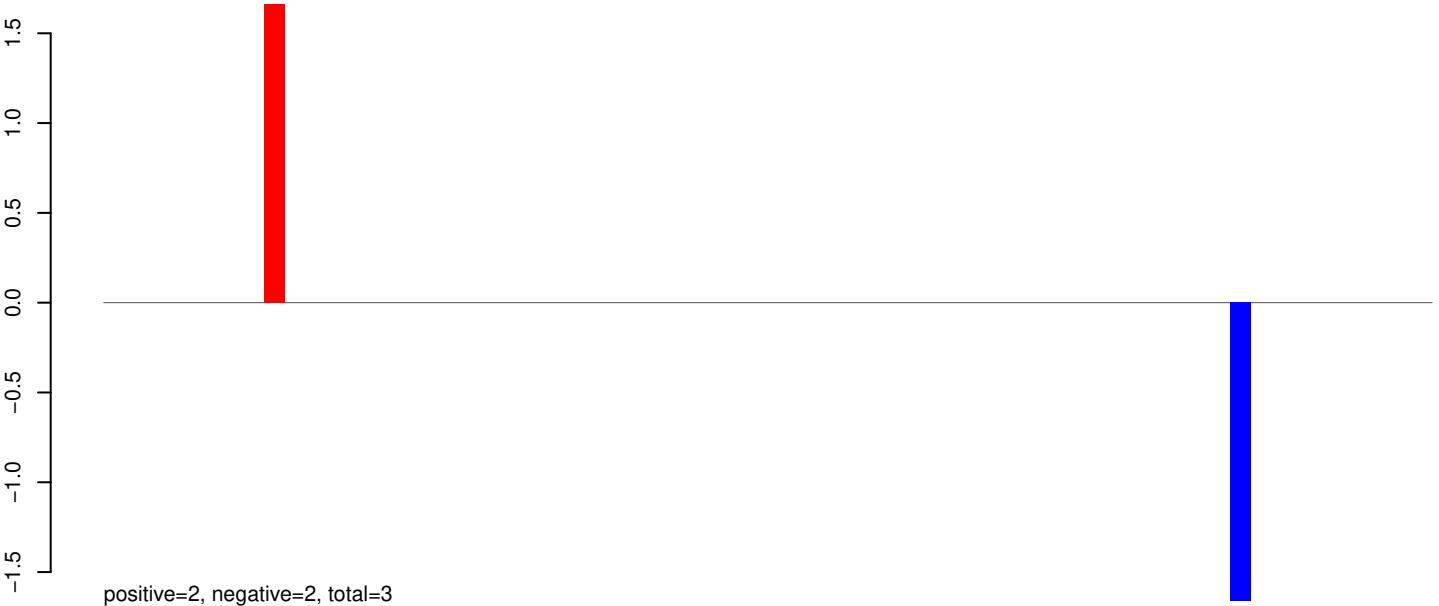
**AeAeg\_Whole\_sm\_r123\_JM.rep**



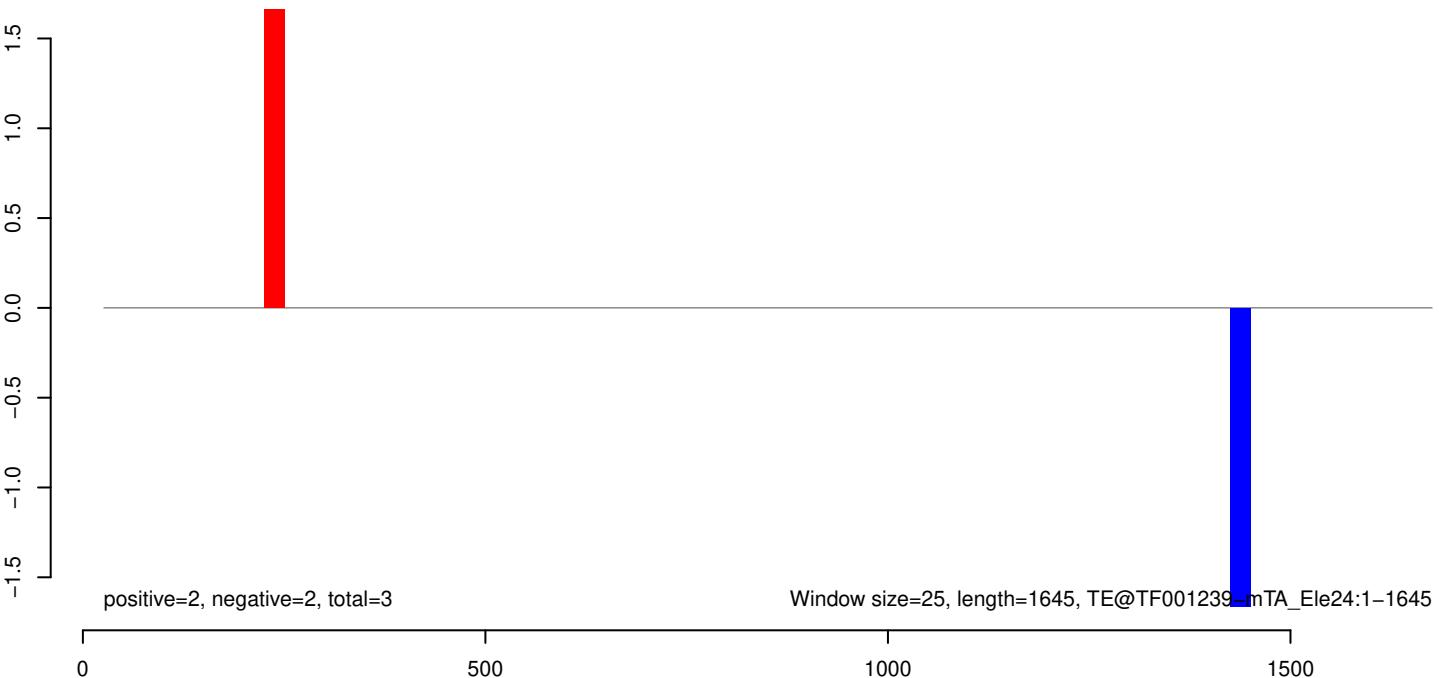
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



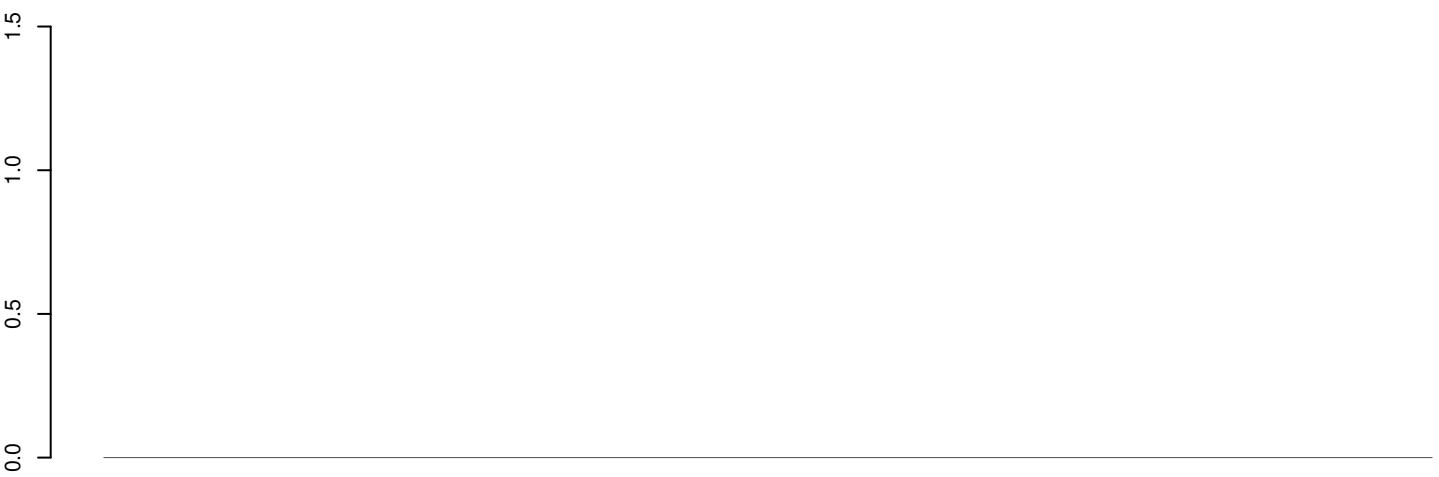
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

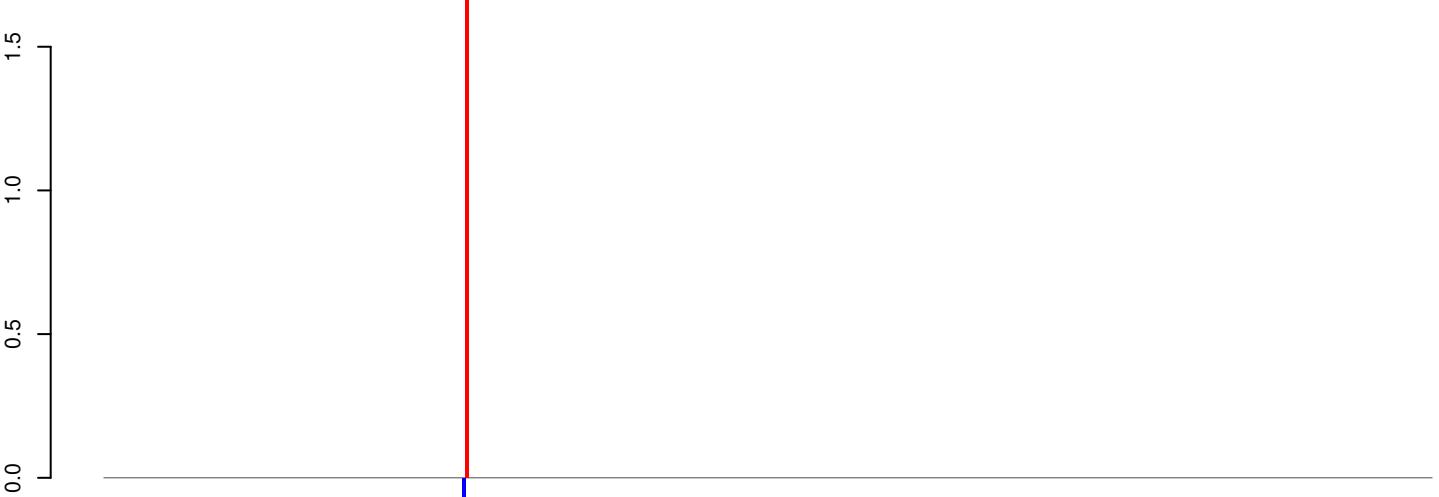


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



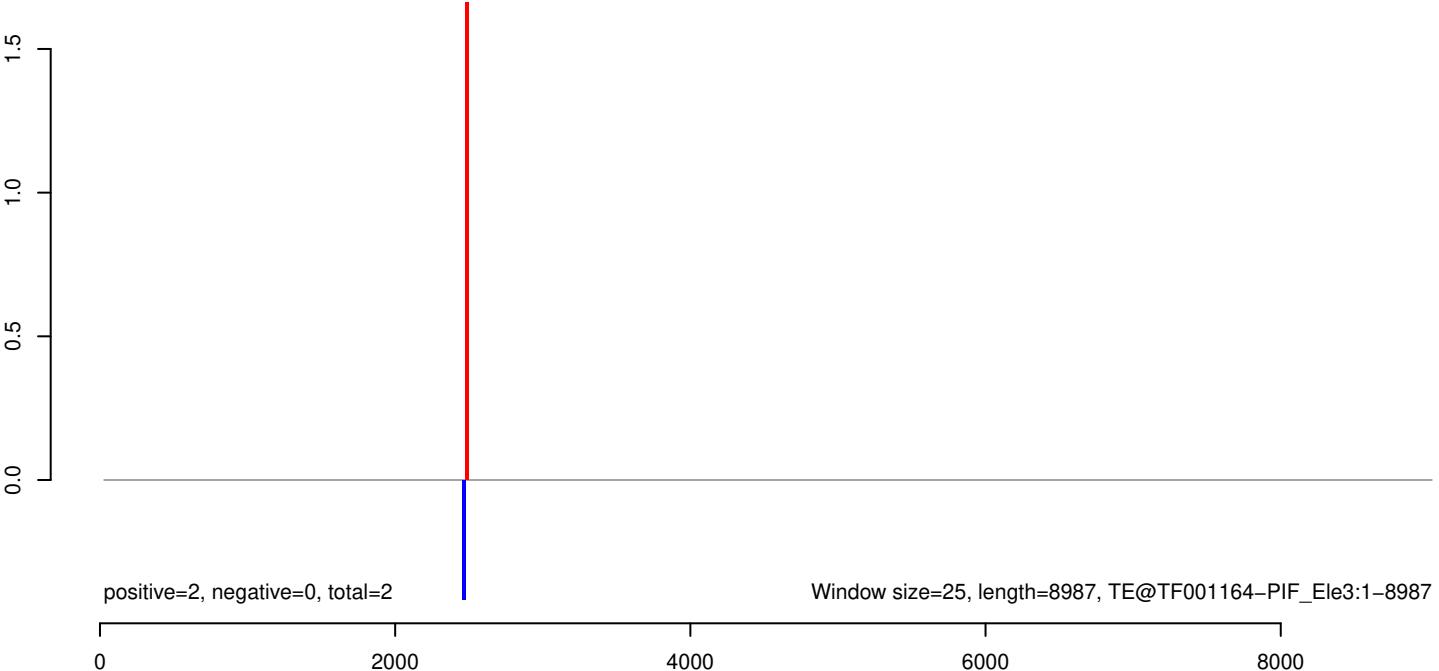
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

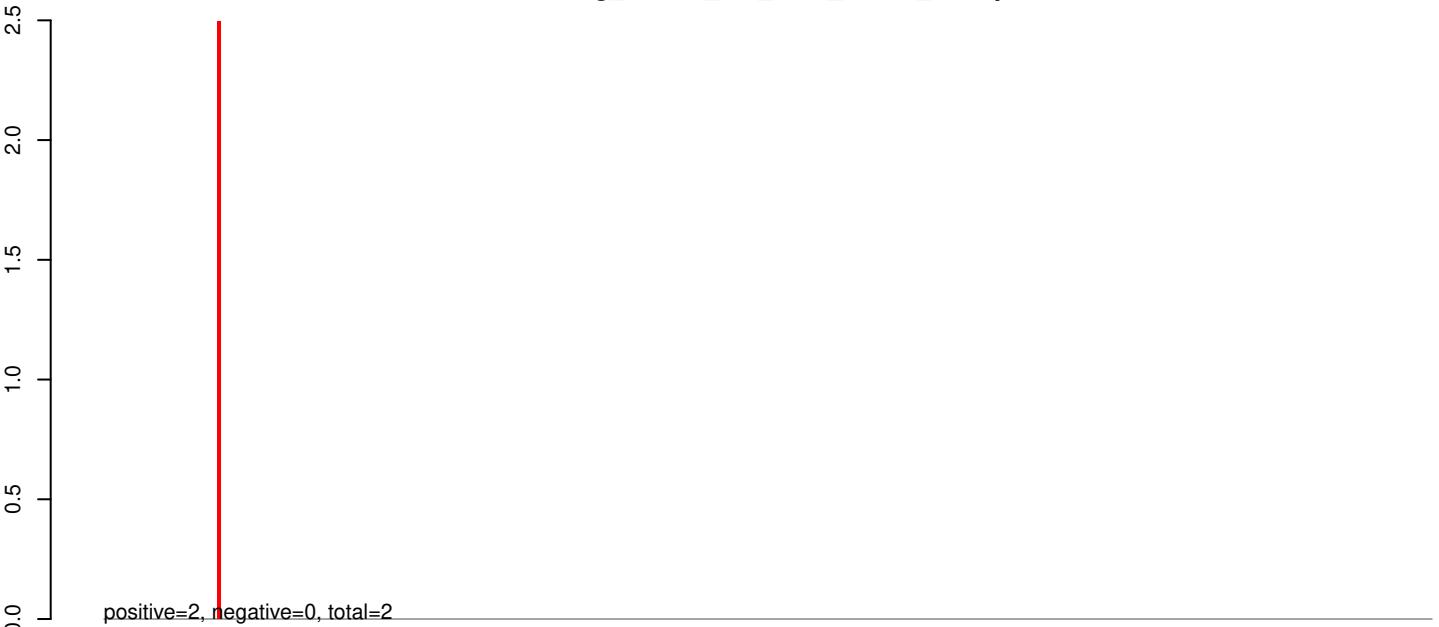


positive=2, negative=0, total=2

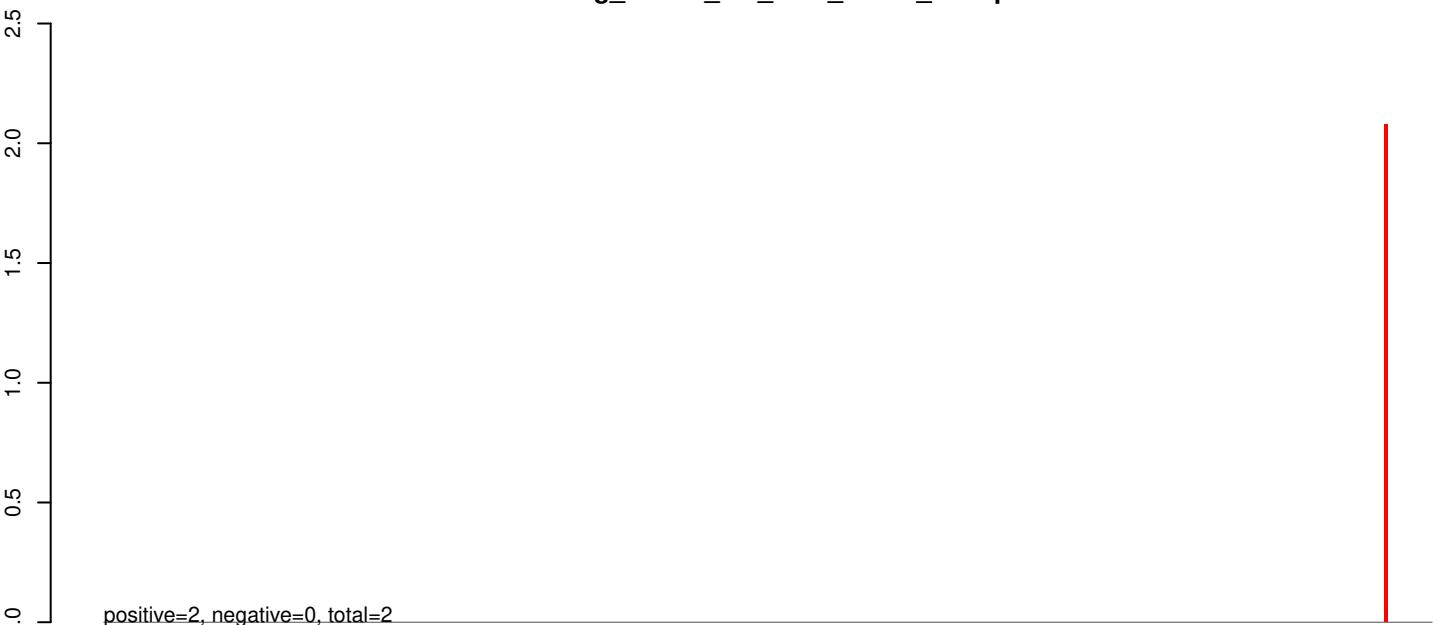
**AeAeg\_Whole\_sm\_r123\_JM.rep**



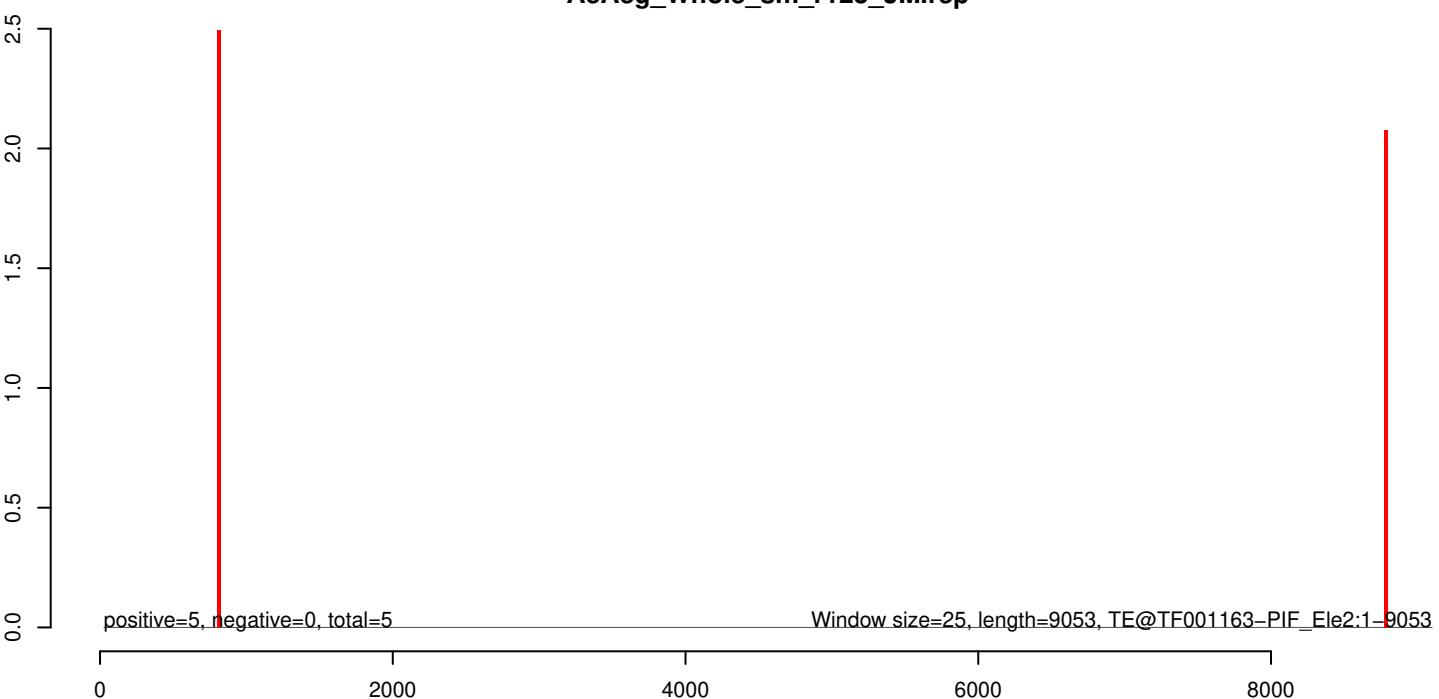
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

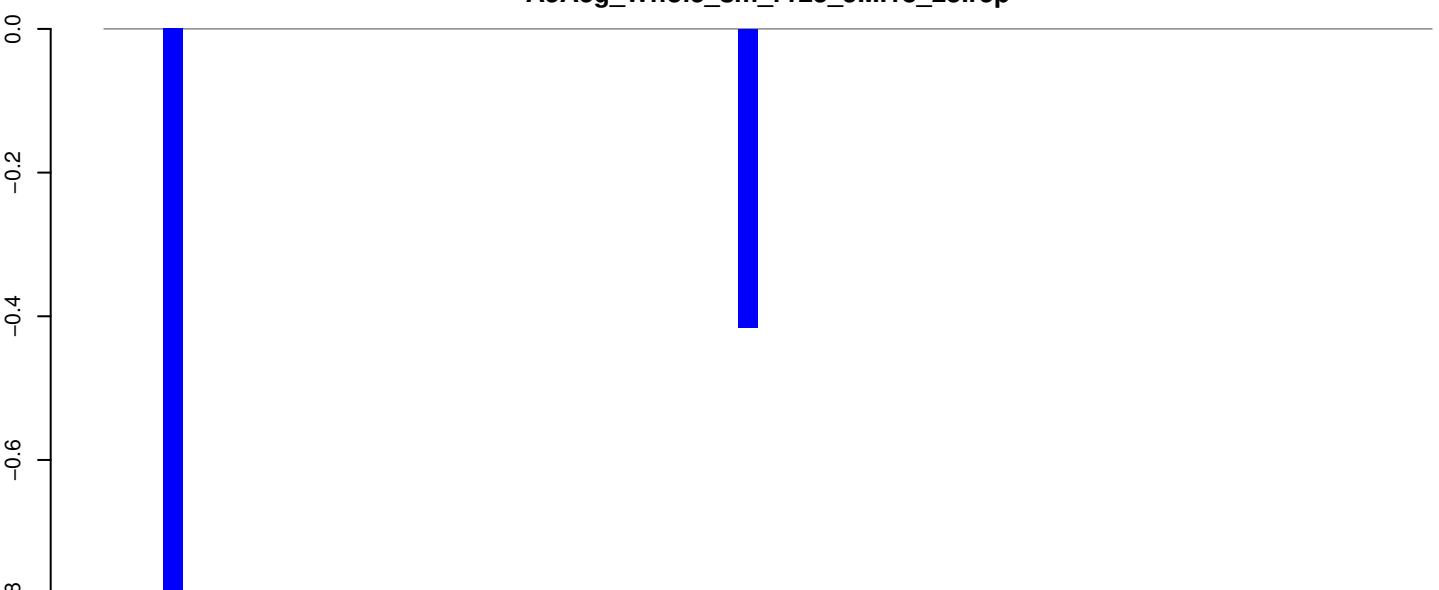


### AeAeg\_Whole\_sm\_r123\_JM.rep



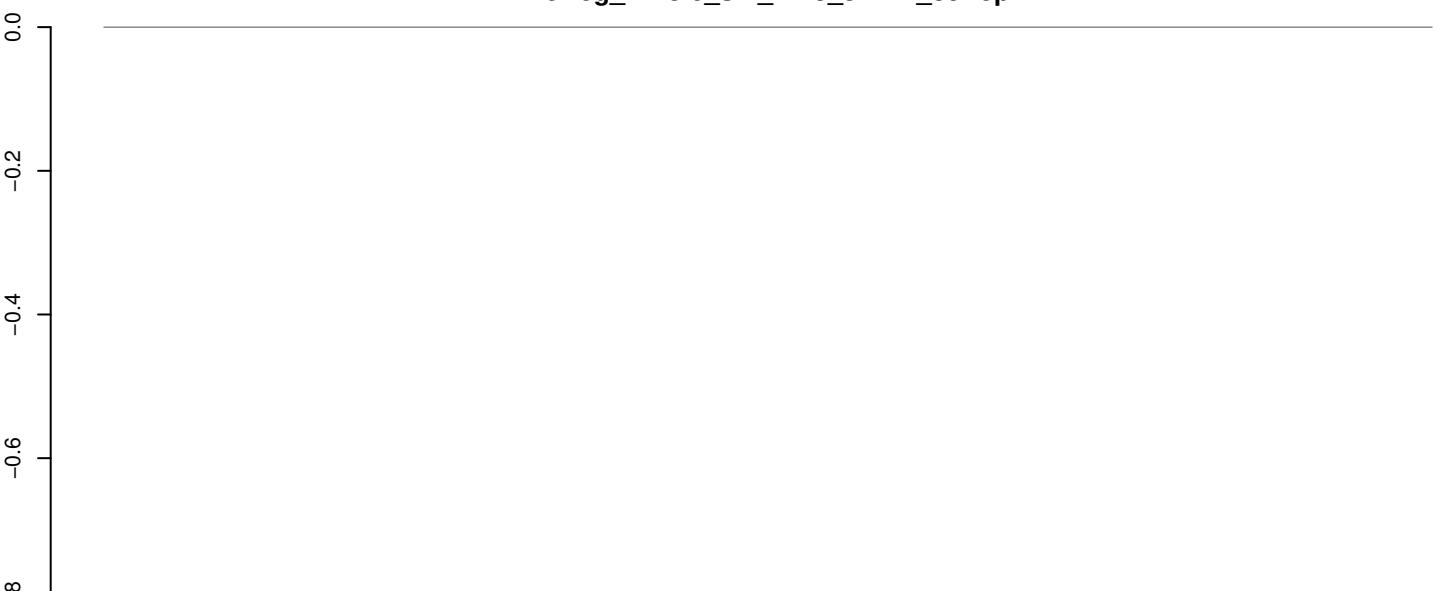
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



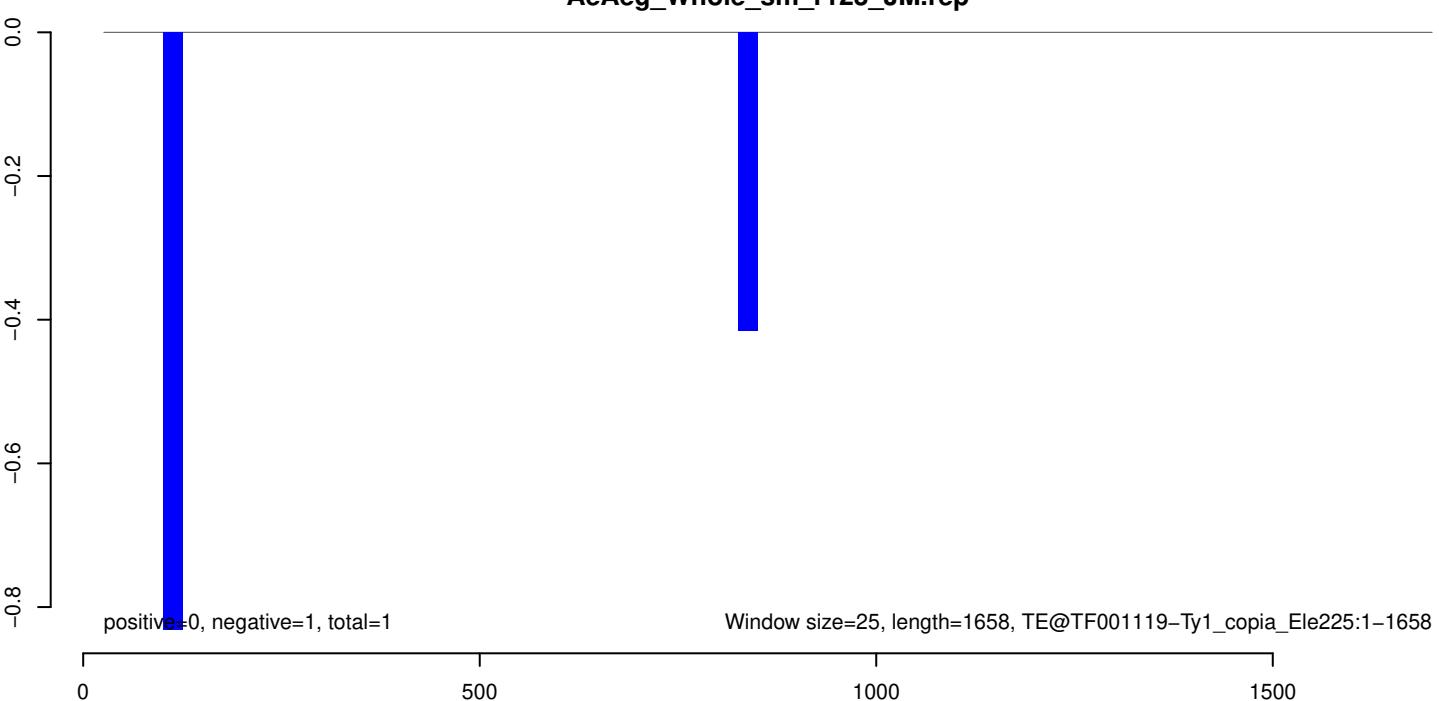
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

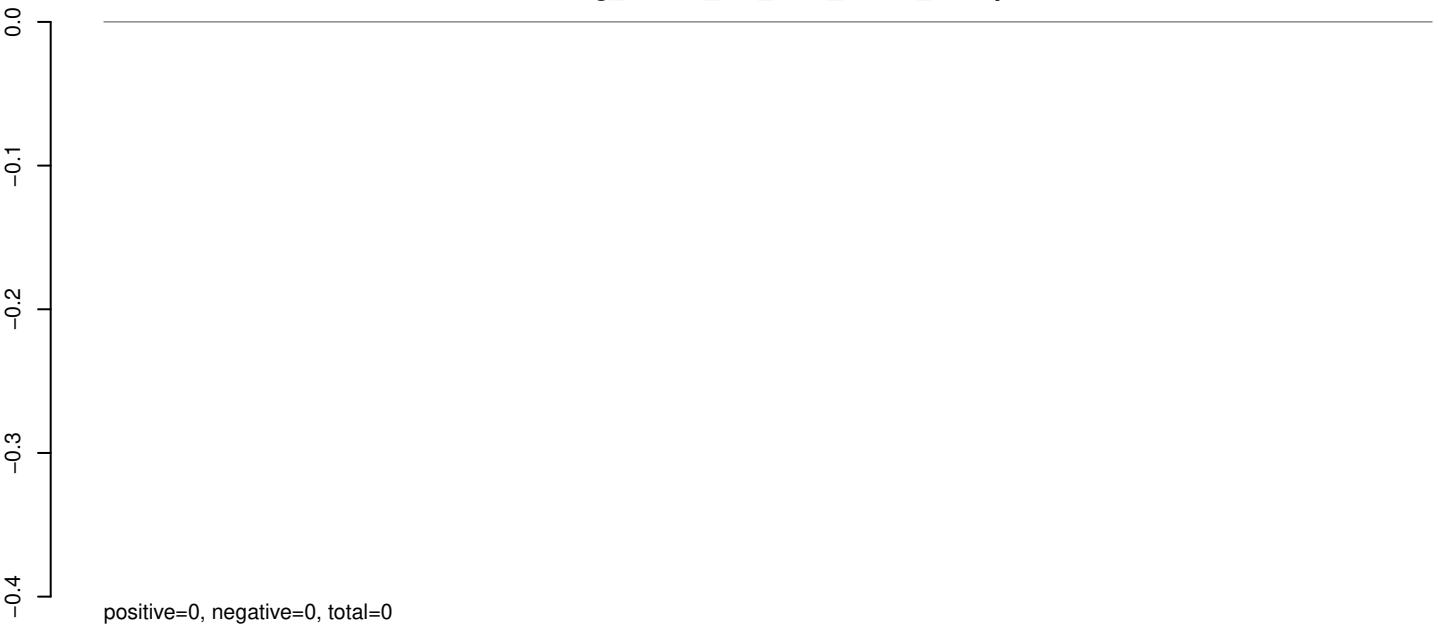


### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

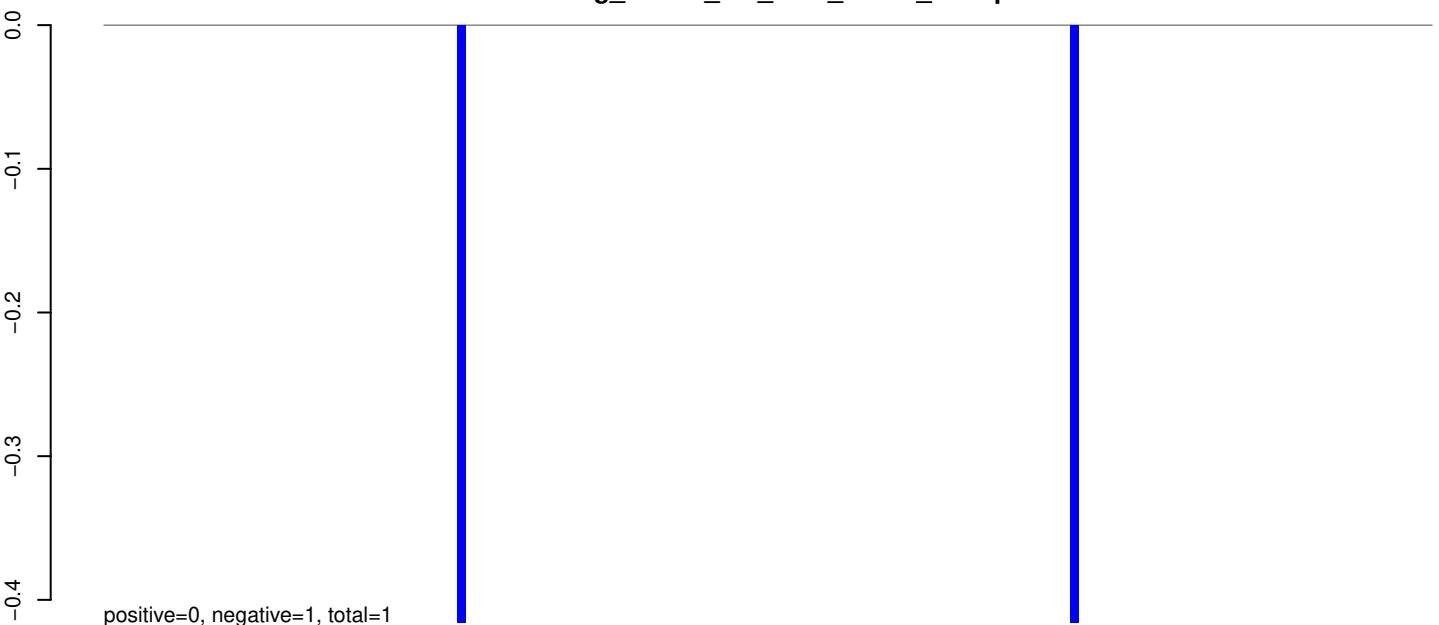


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



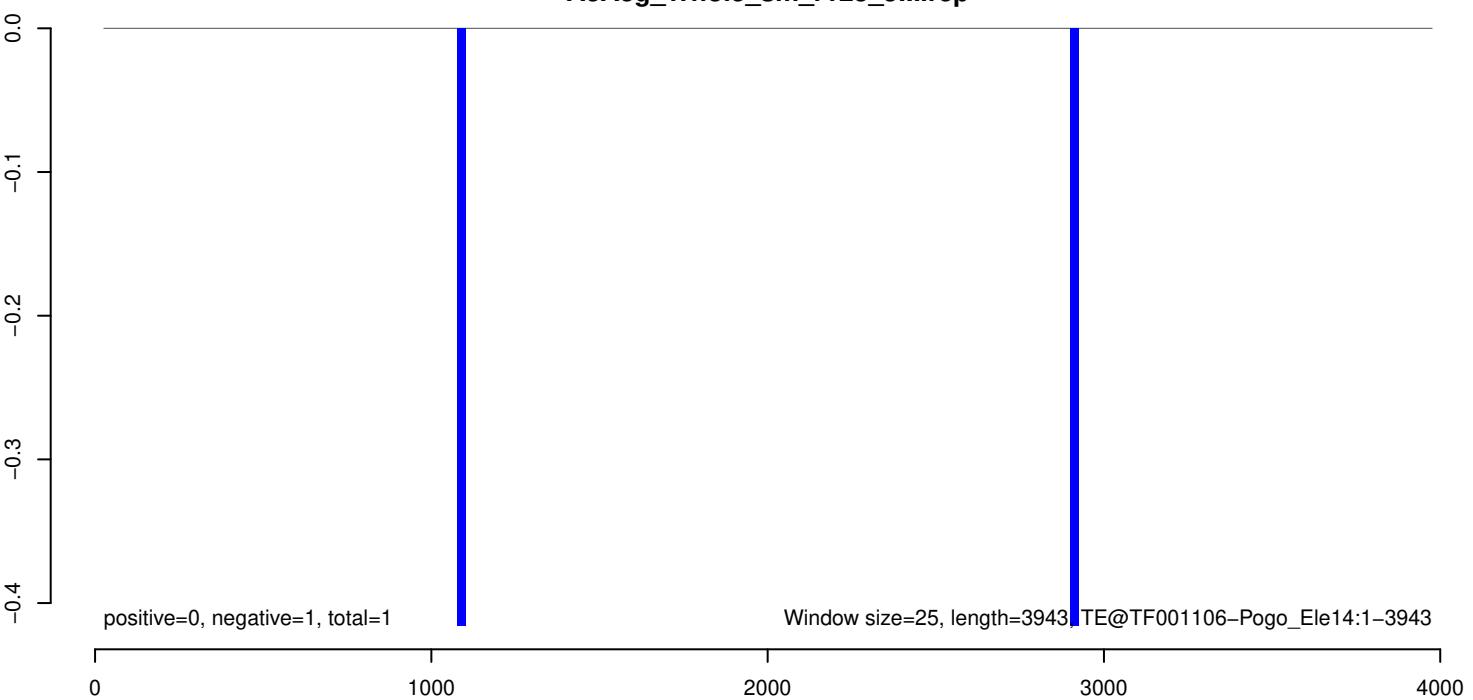
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.rep

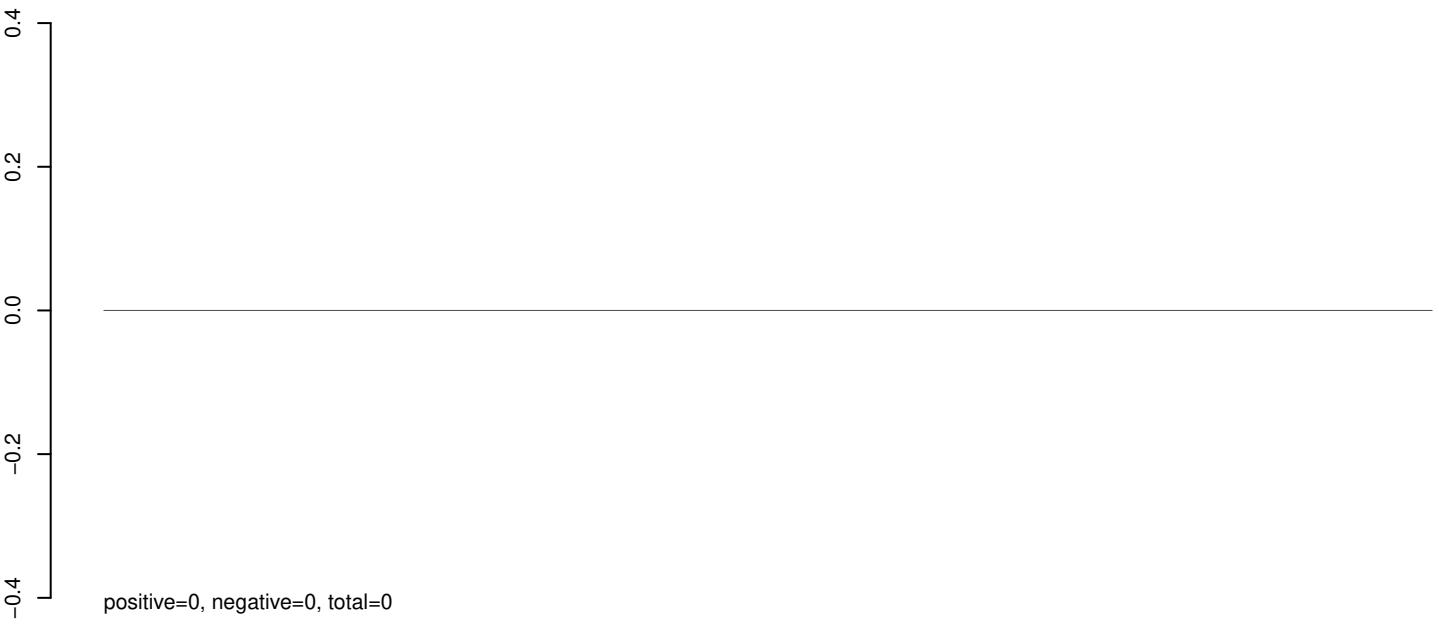


positive=0, negative=1, total=1

Window size=25, length=3943 TE@TF001106-Pogo\_Ele14:1-3943

0 1000 2000 3000 4000

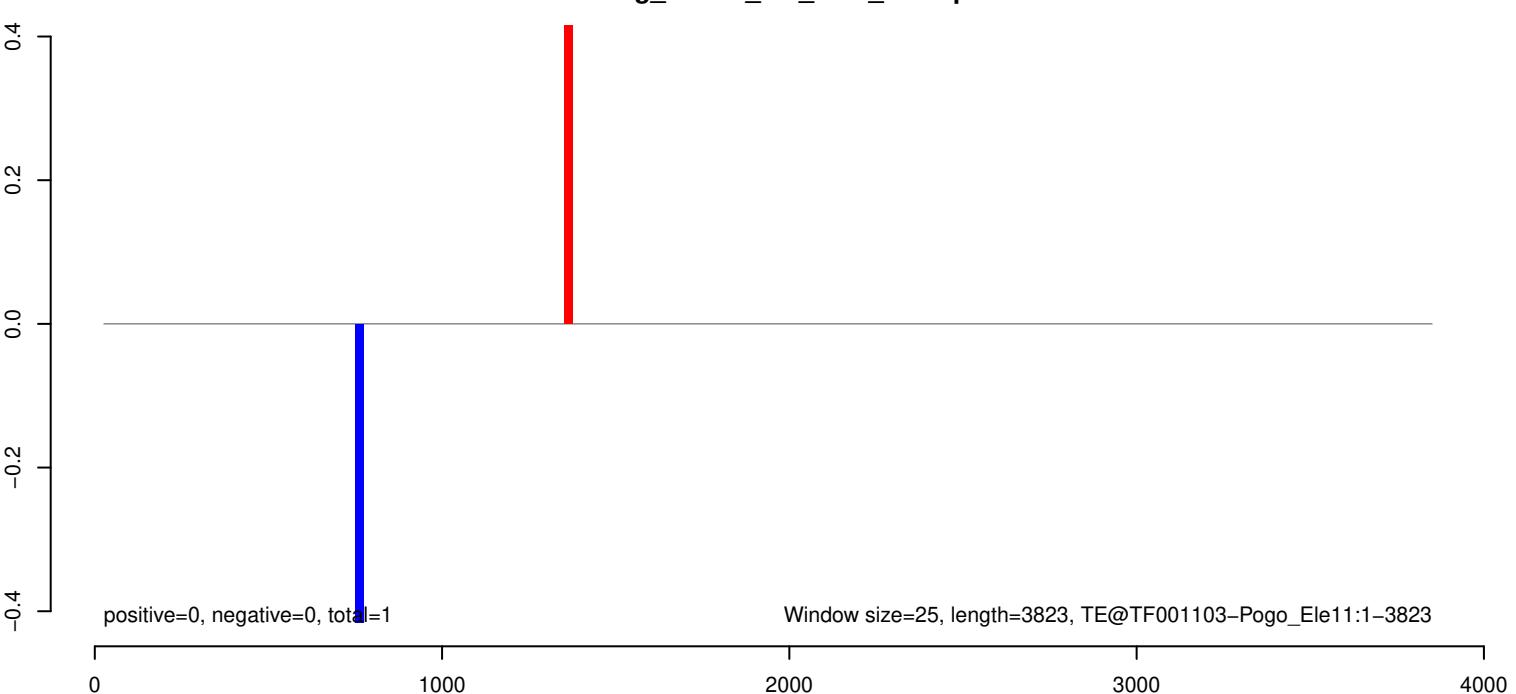
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



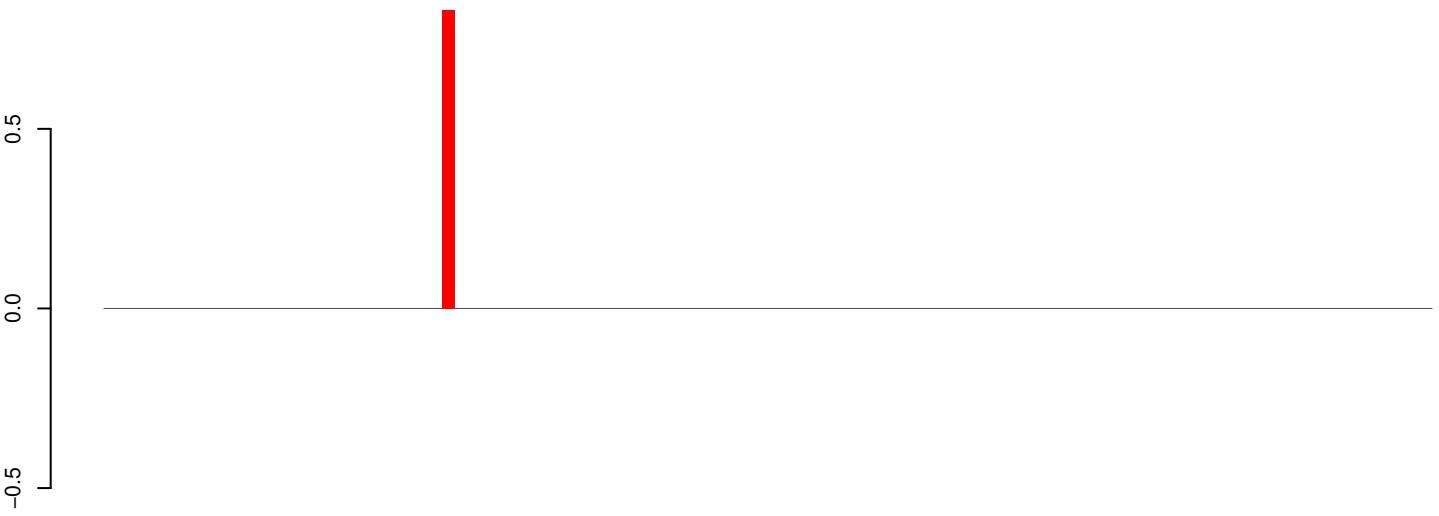
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

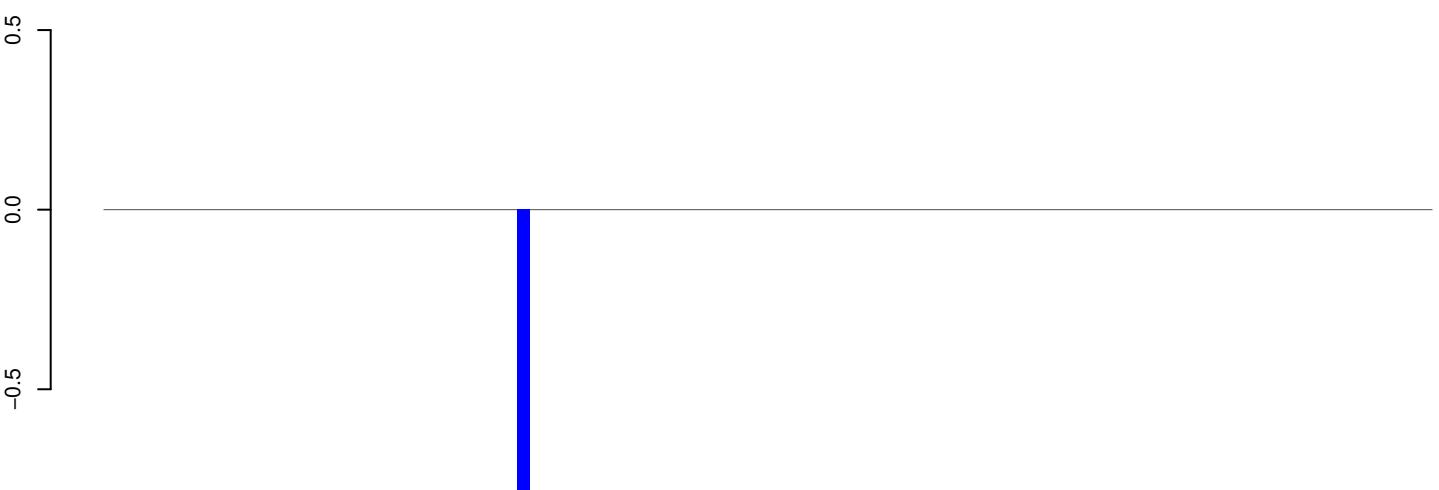


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



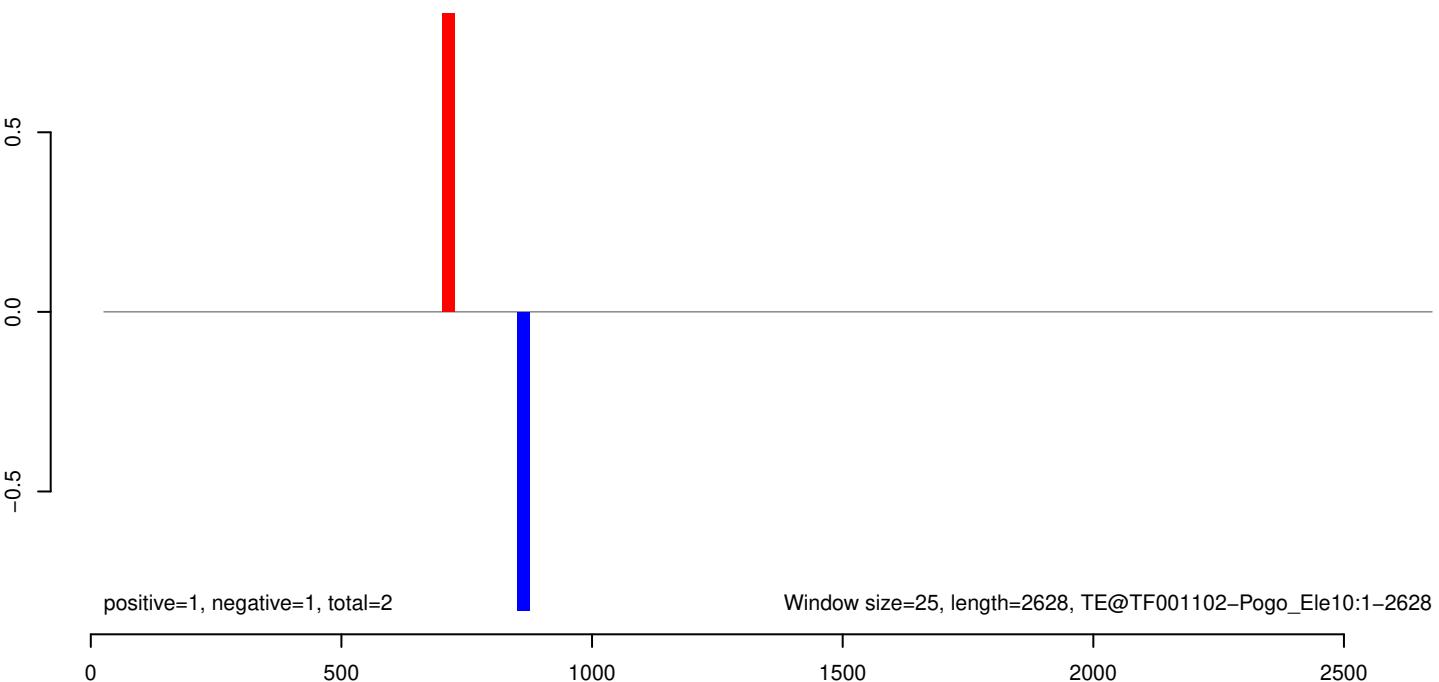
positive=1, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=1, total=1

**AeAeg\_Whole\_sm\_r123\_JM.rep**



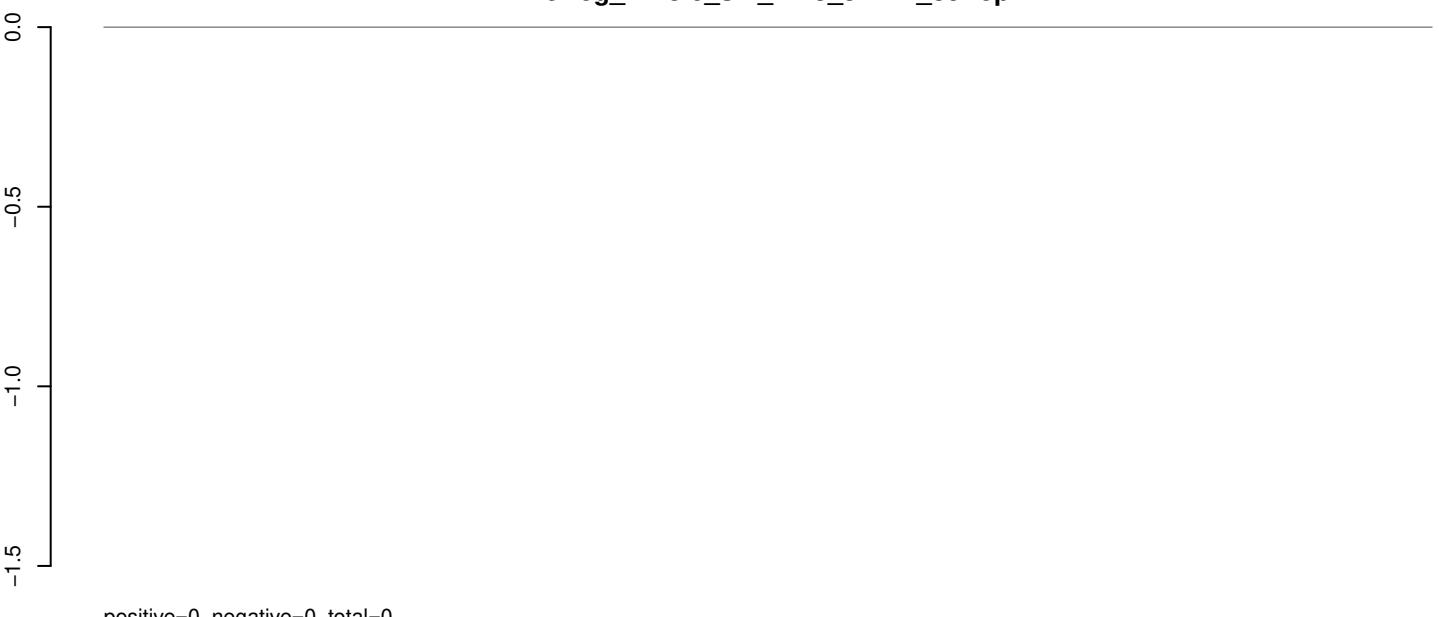
positive=1, negative=1, total=2

Window size=25, length=2628, TE@TF001102-Pogo\_Ele10:1-2628

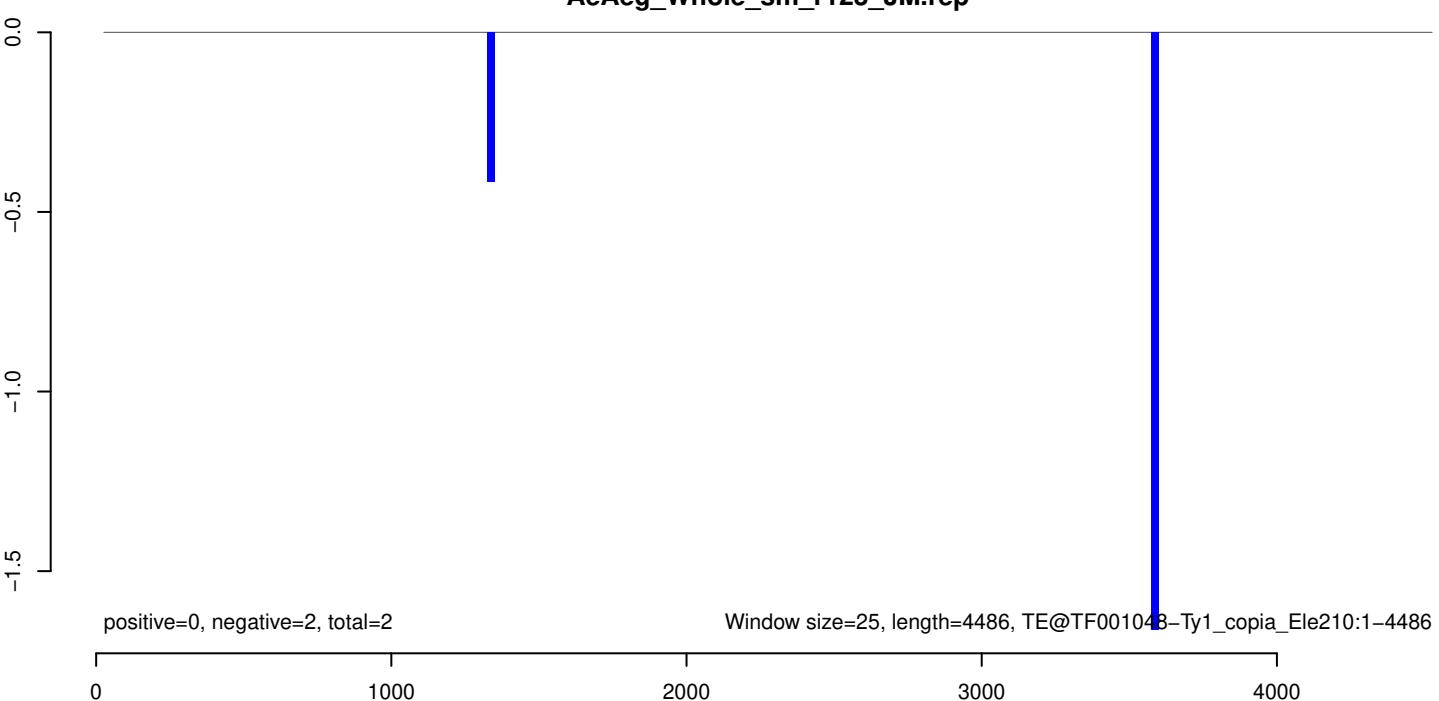
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



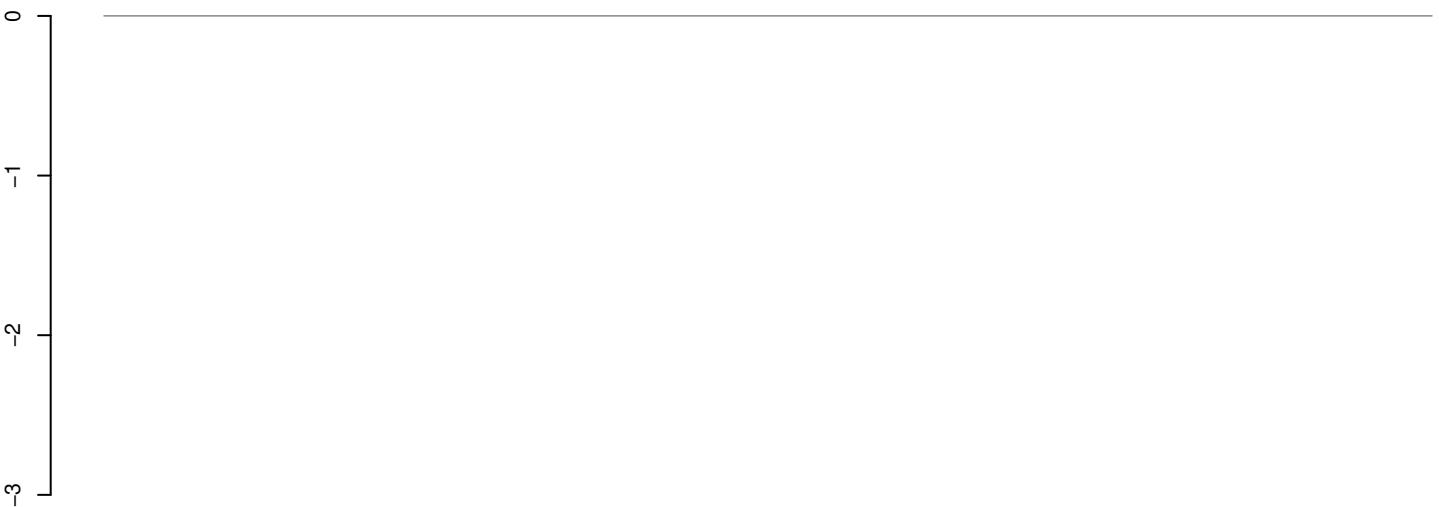
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



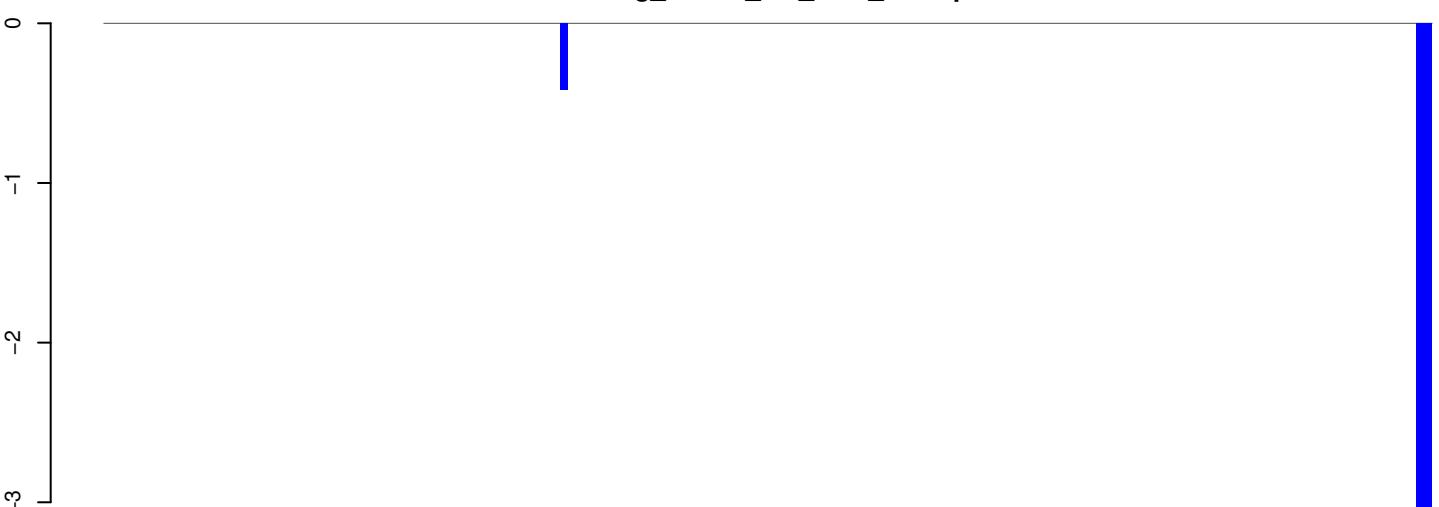
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



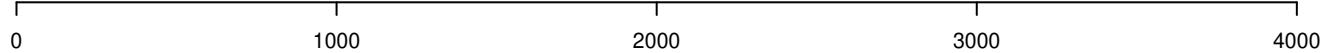
positive=0, negative=8, total=8

**AeAeg\_Whole\_sm\_r123\_JM.rep**

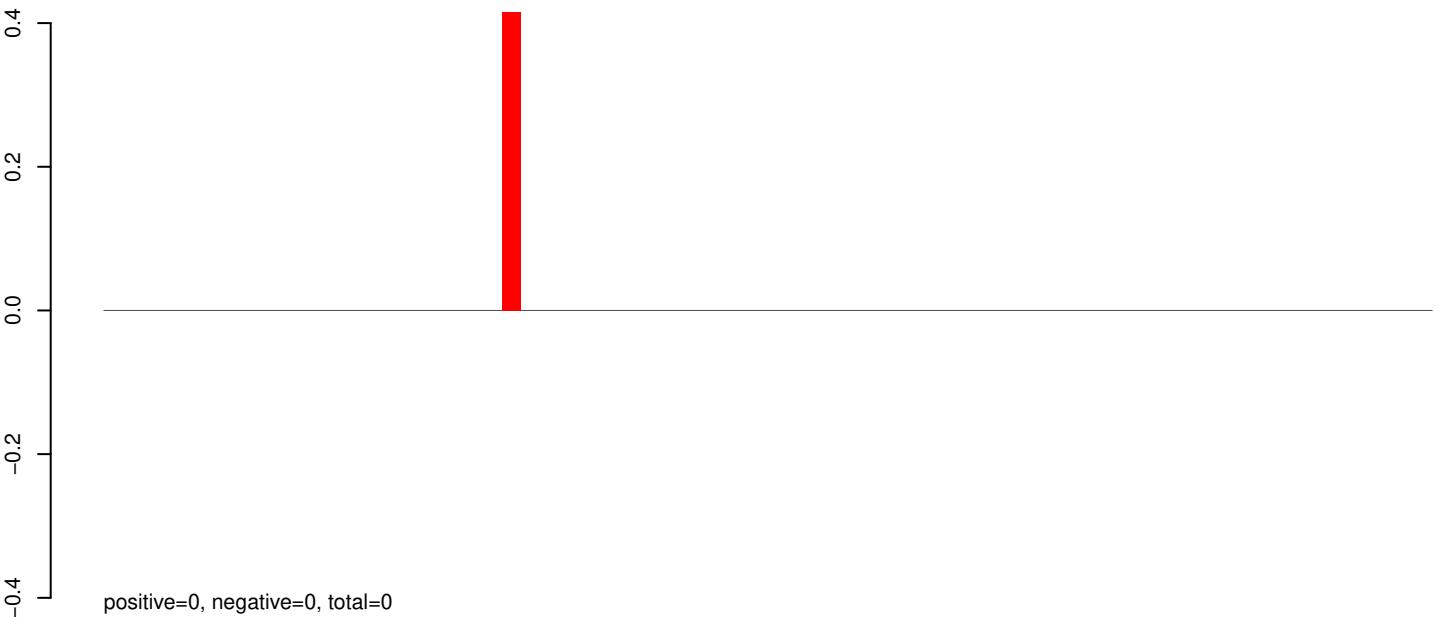


positive=0, negative=8, total=8

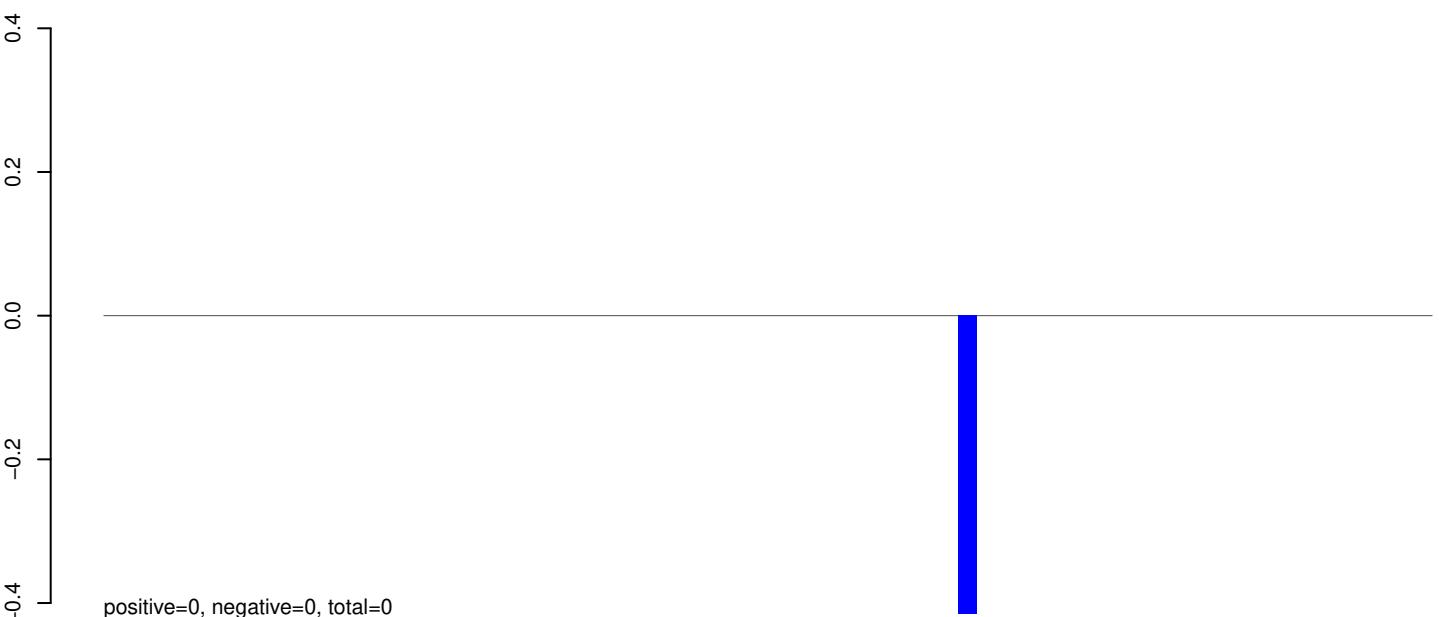
Window size=25, length=4141, TE@TF001031-Ty1\_copia\_Ele177:1-4141



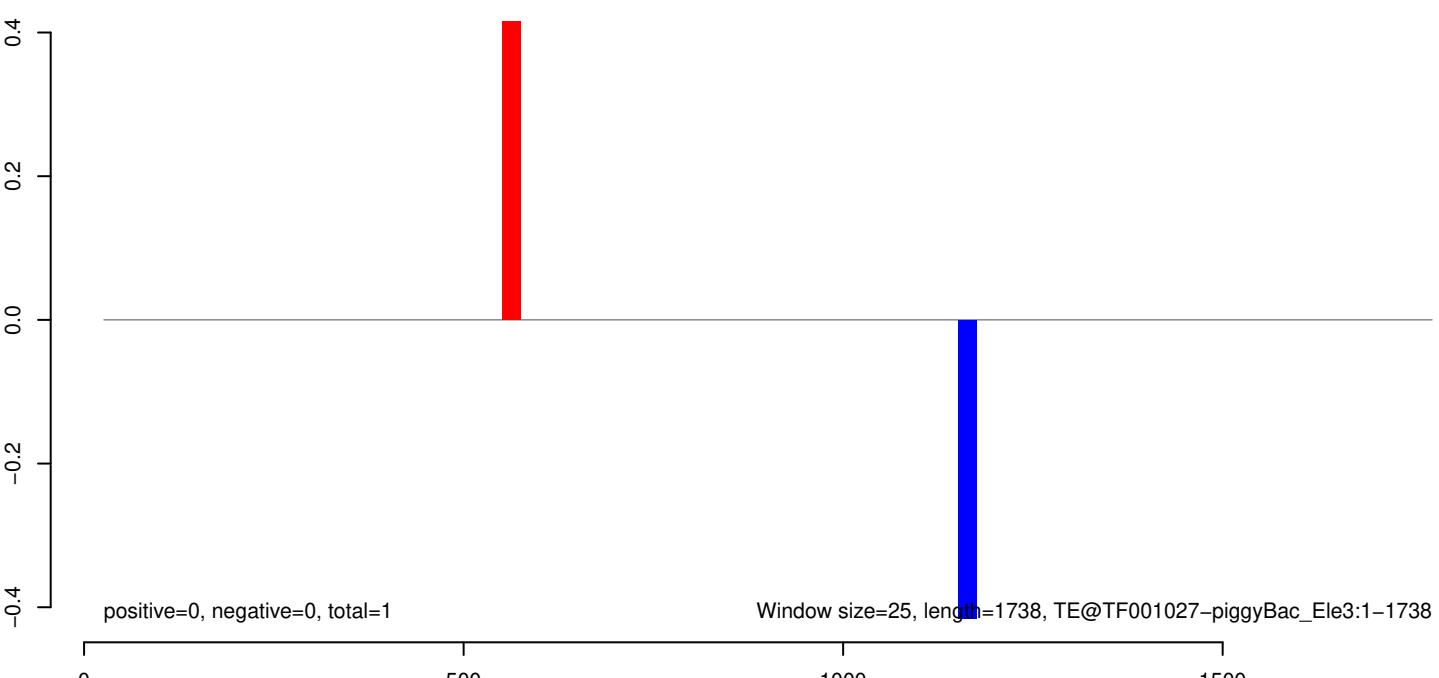
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

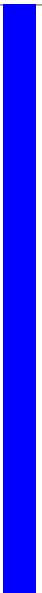


### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



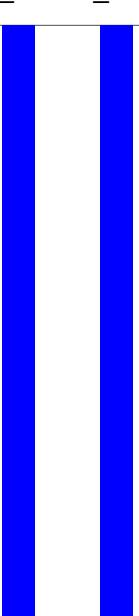
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.rep

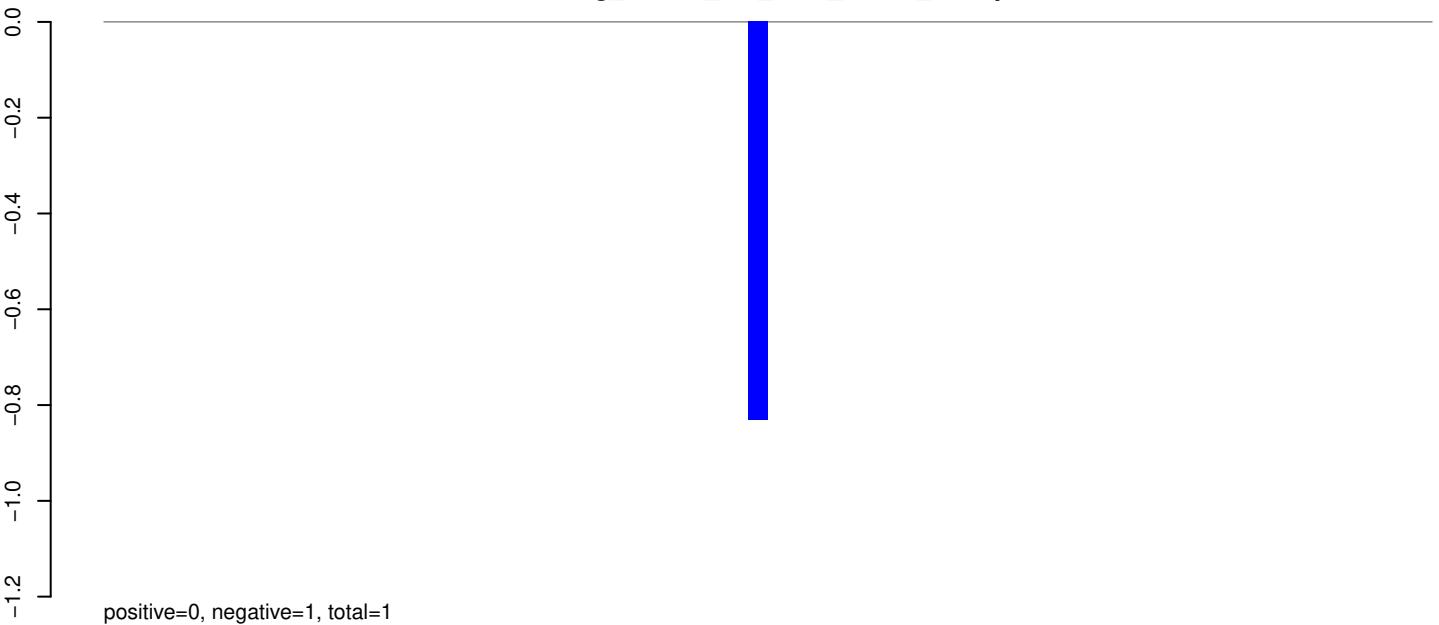
positive=0, negative=2, total=2



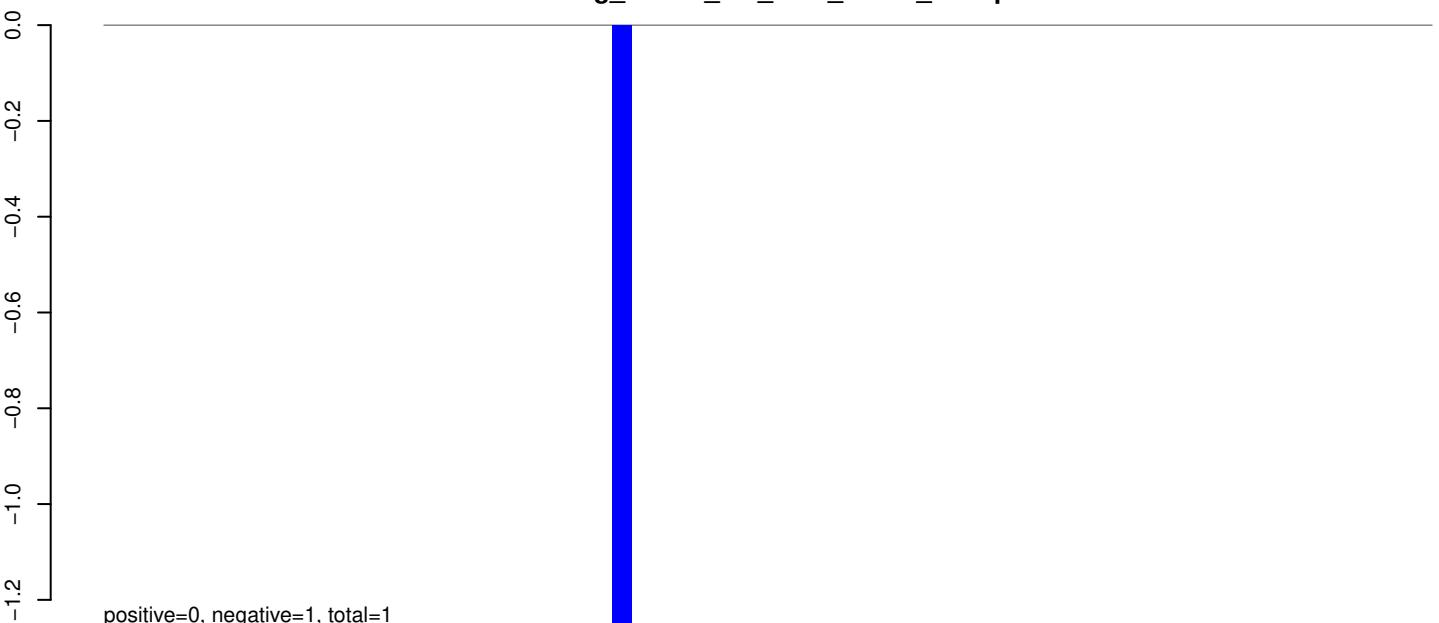
Window size=25, length=1017, TE@TF001013-Tc1\_Ele16:1-1017

0 200 400 600 800 1000

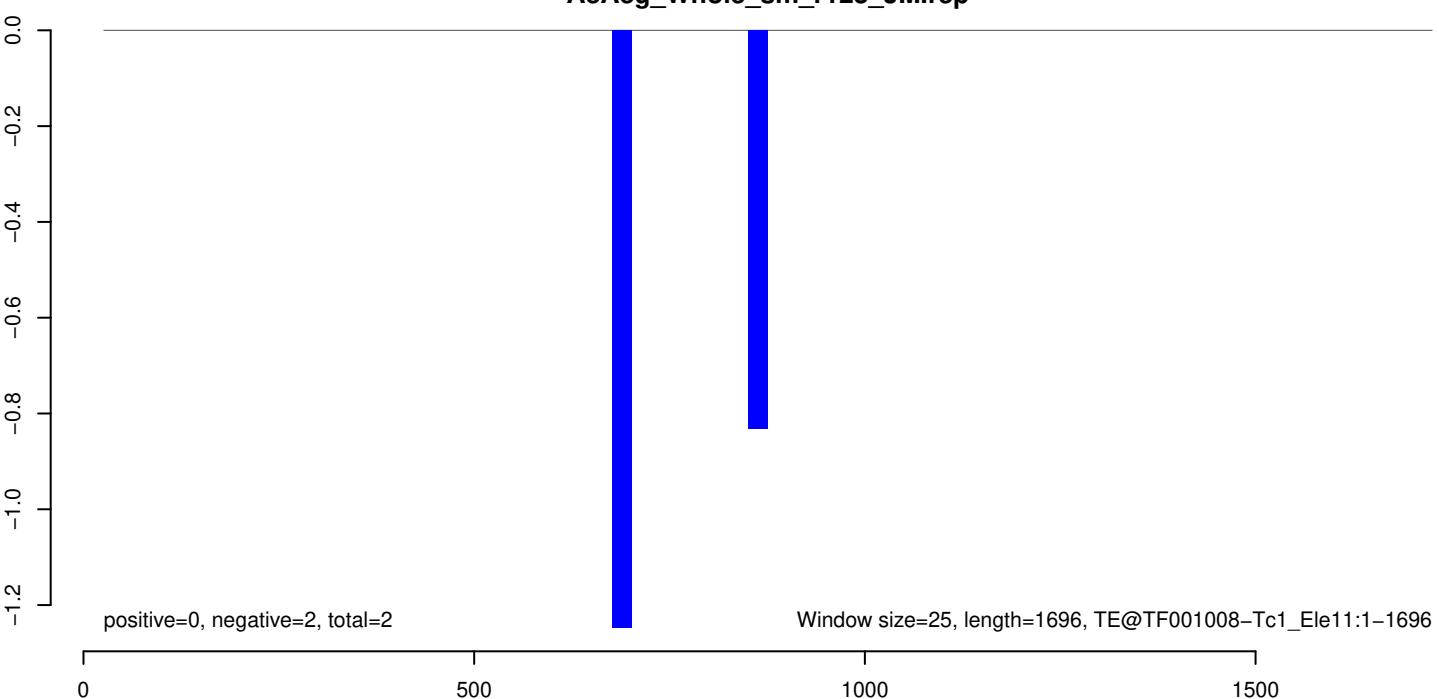
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

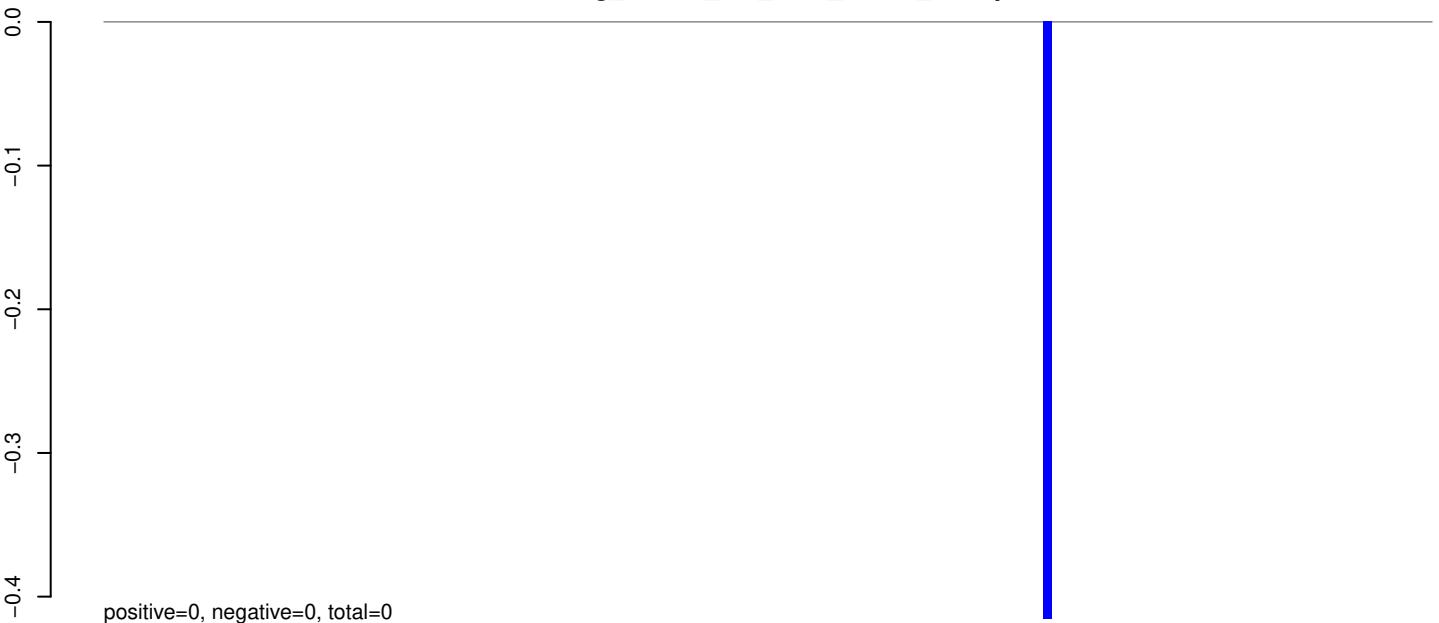


### AeAeg\_Whole\_sm\_r123\_JM.rep

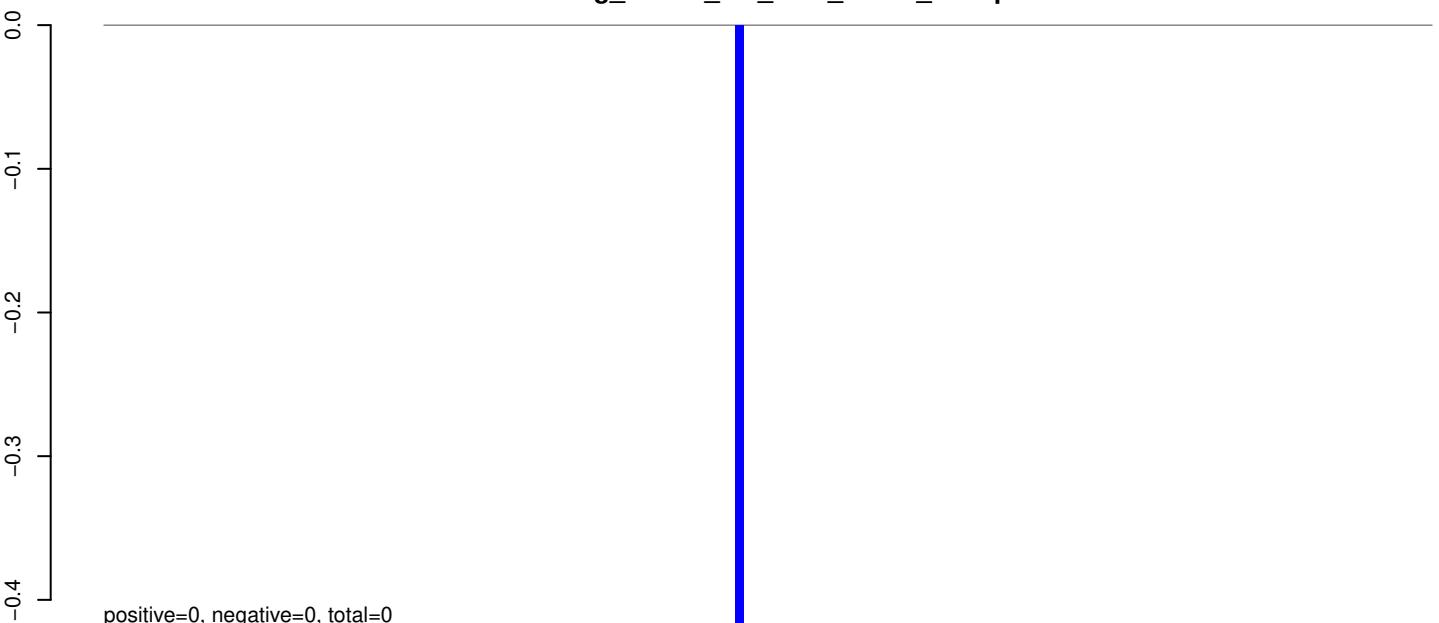


0 500 1000 1500

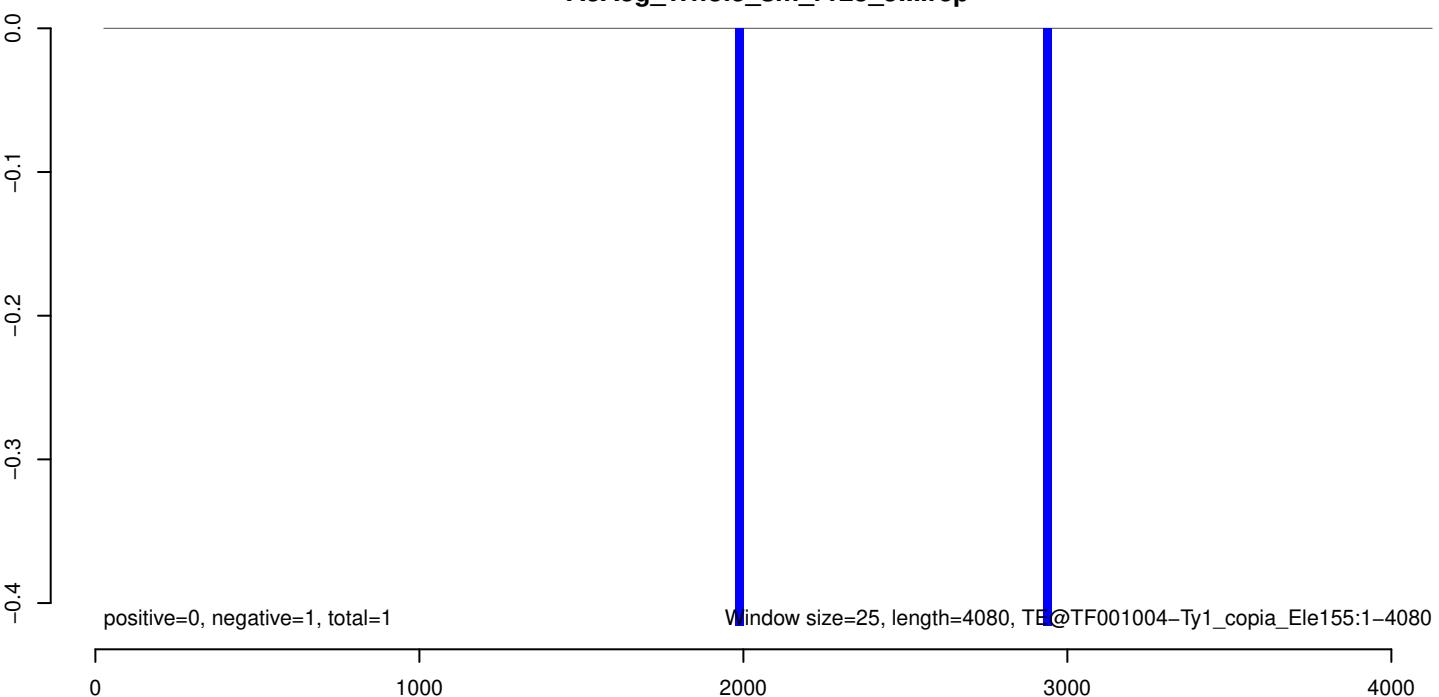
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



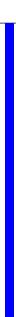
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.rep

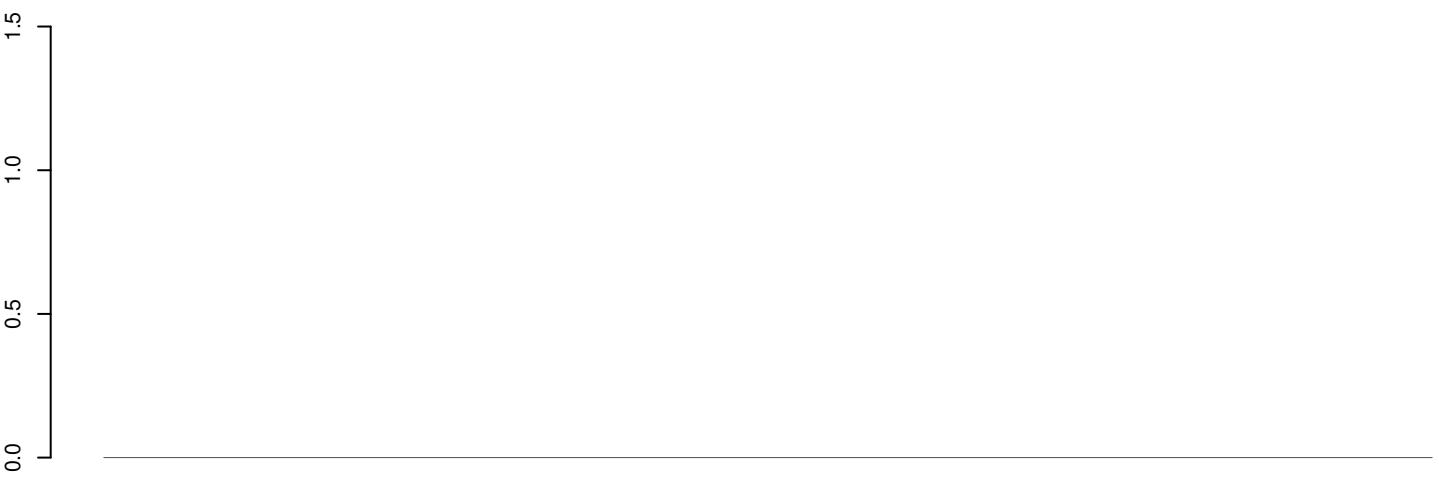
positive=0, negative=1, total=1



Window size=25, length=3849, TE@TF001000-Ty1\_copia\_Ele150:1-3849

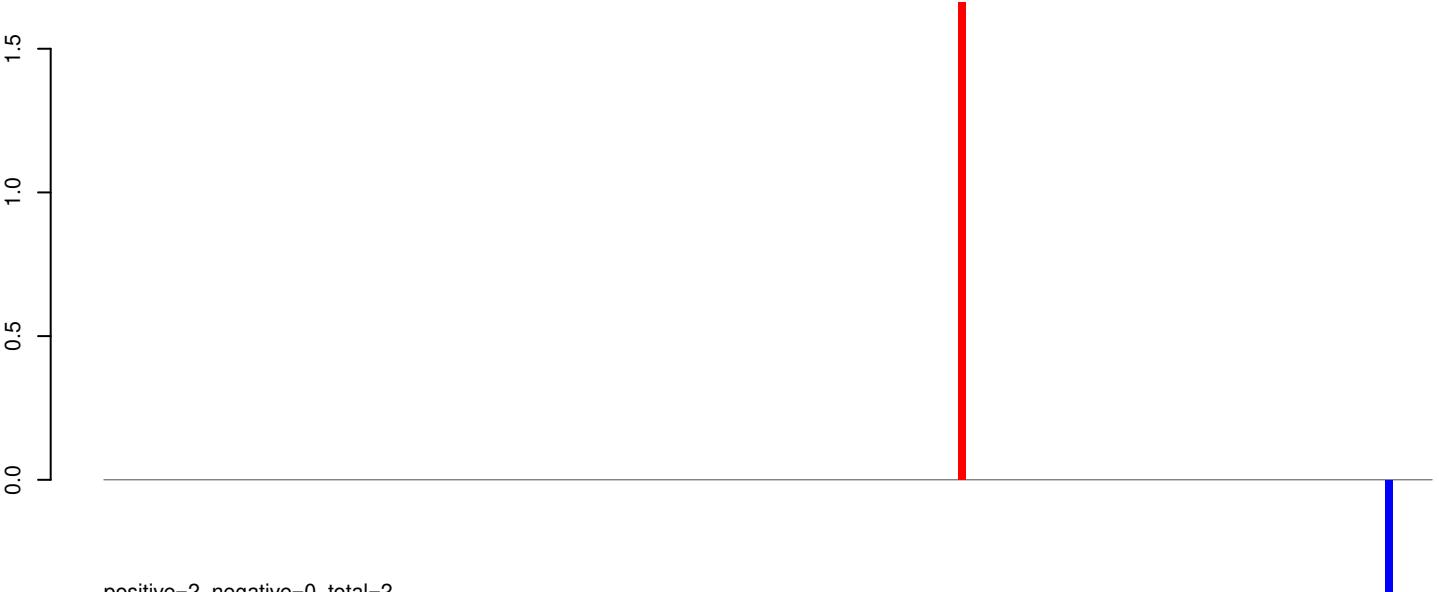
0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



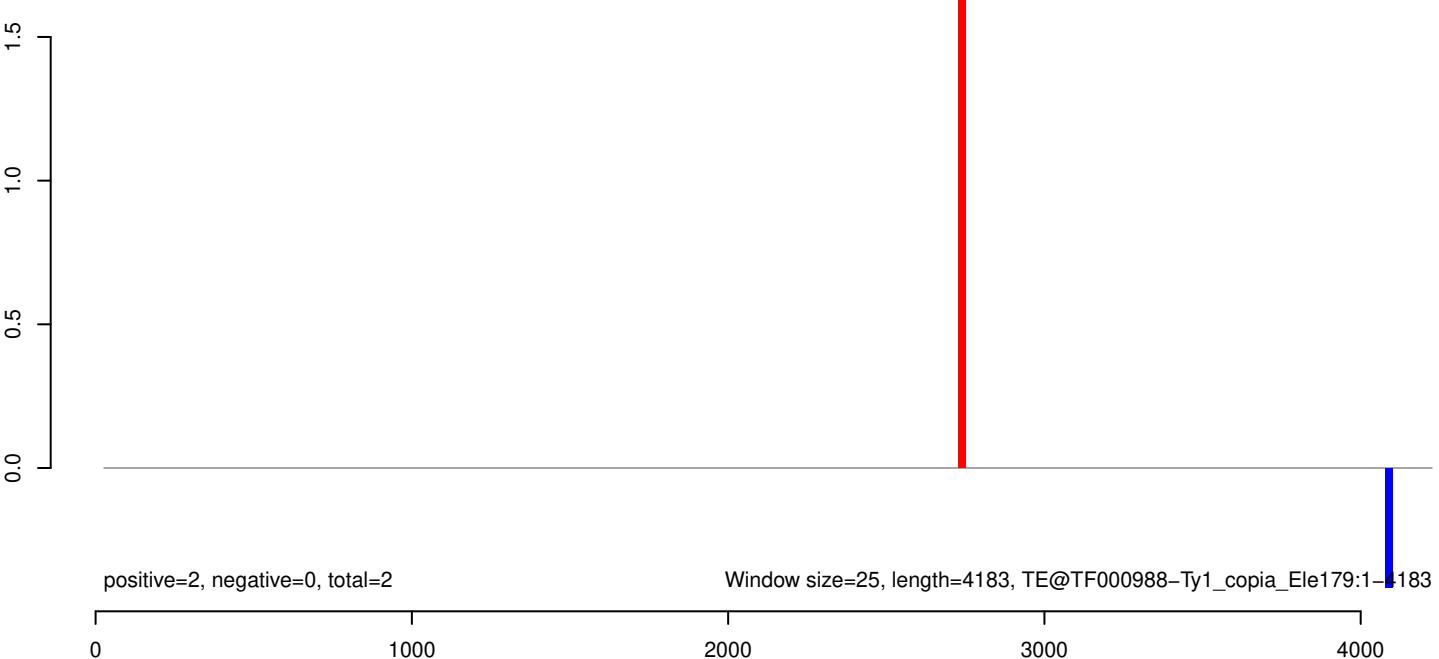
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=0, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**



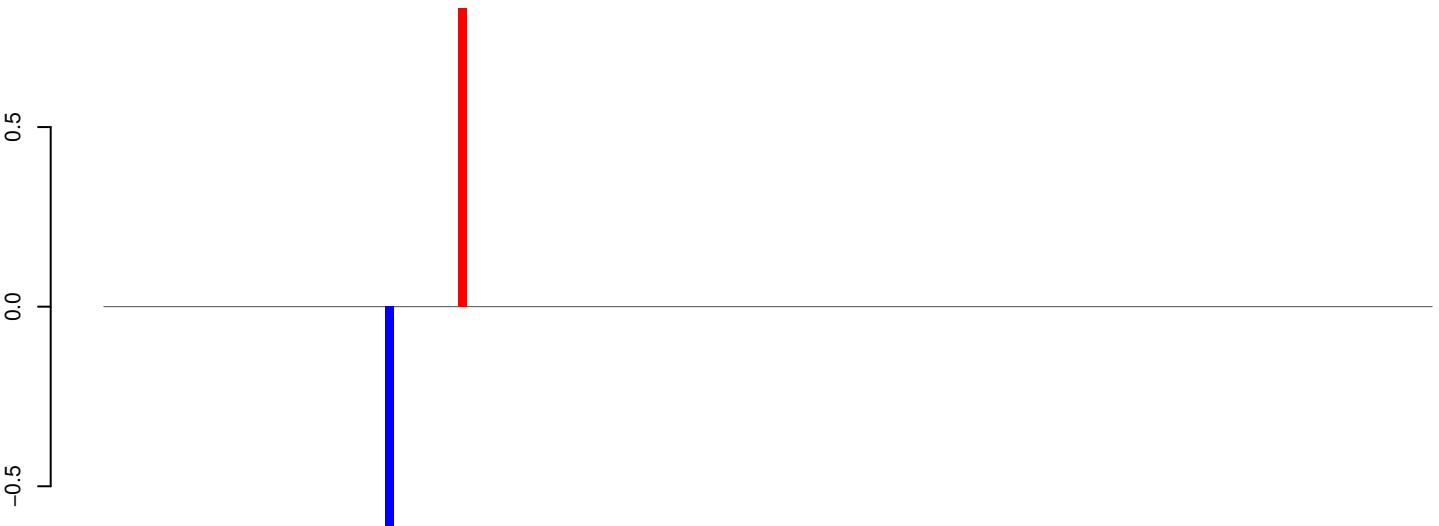
0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



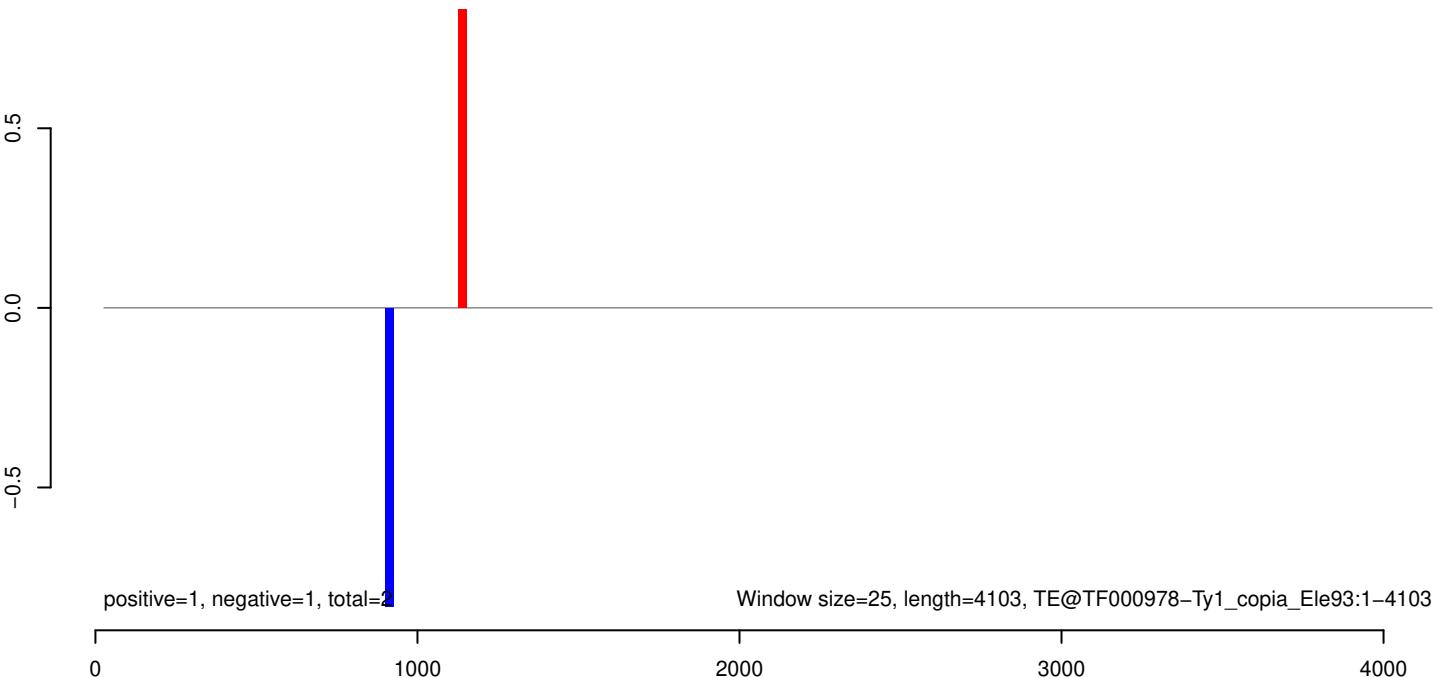
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

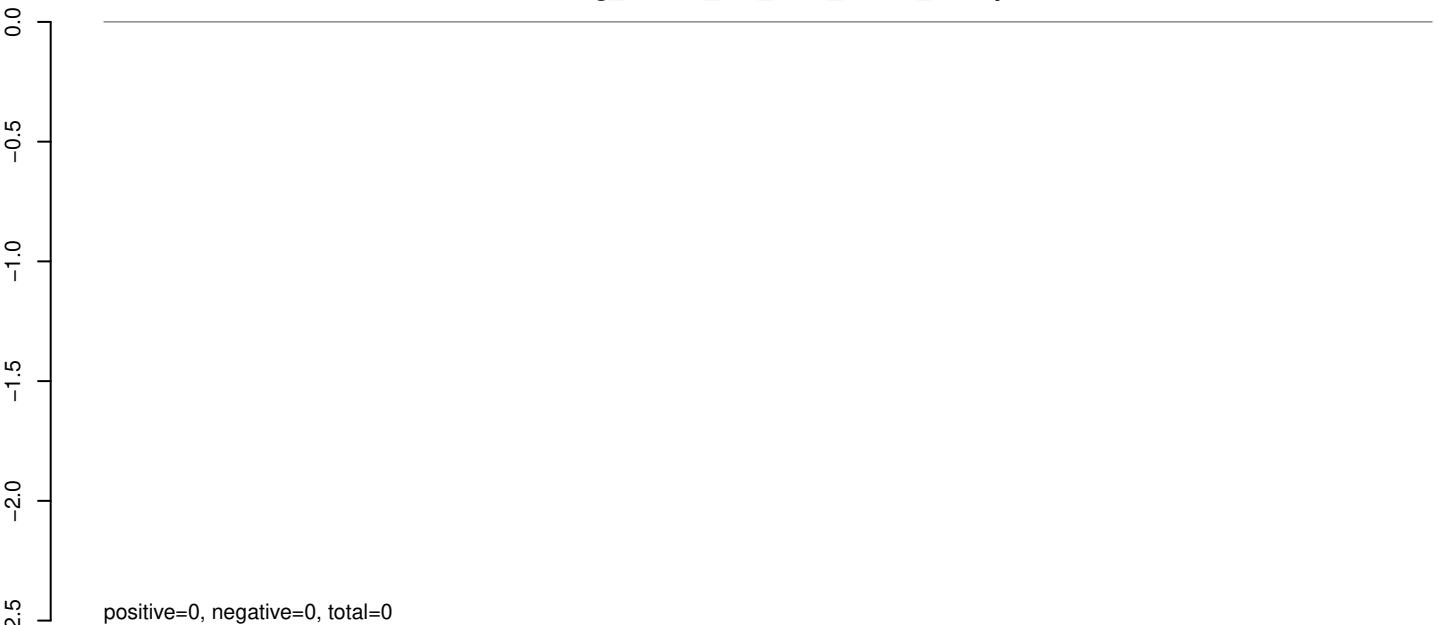


positive=1, negative=1, total=2

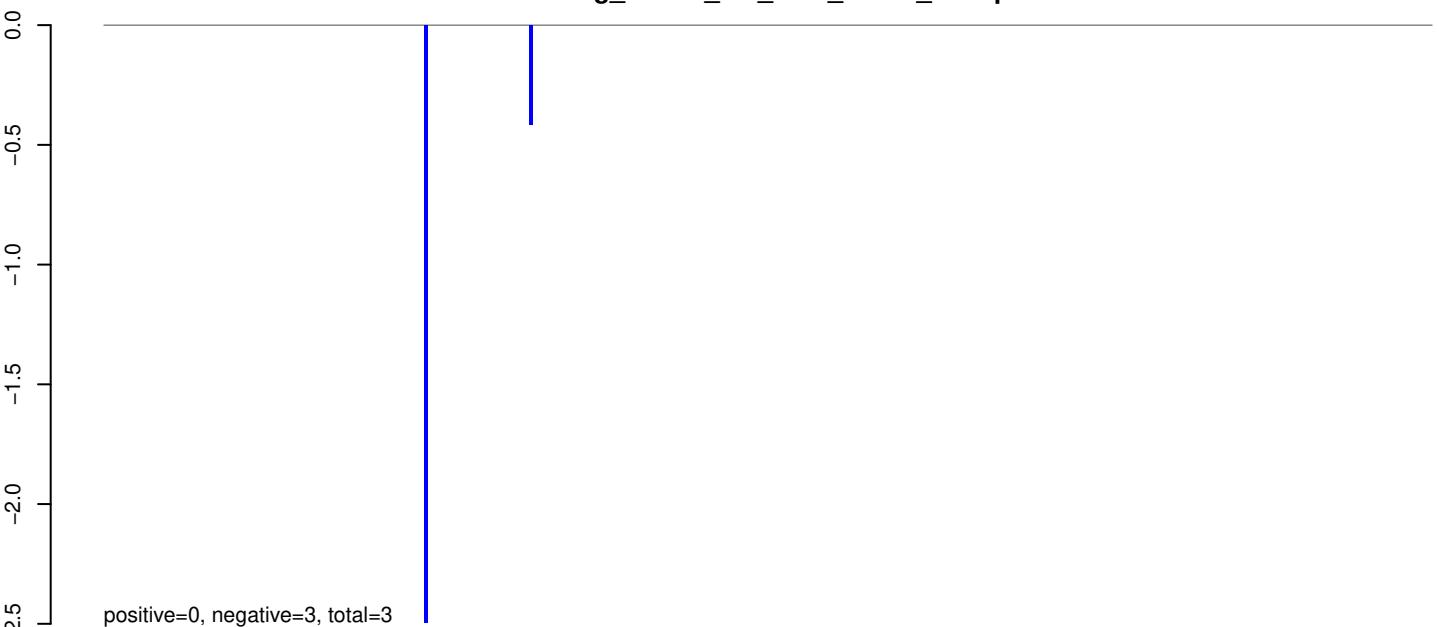
**AeAeg\_Whole\_sm\_r123\_JM.rep**



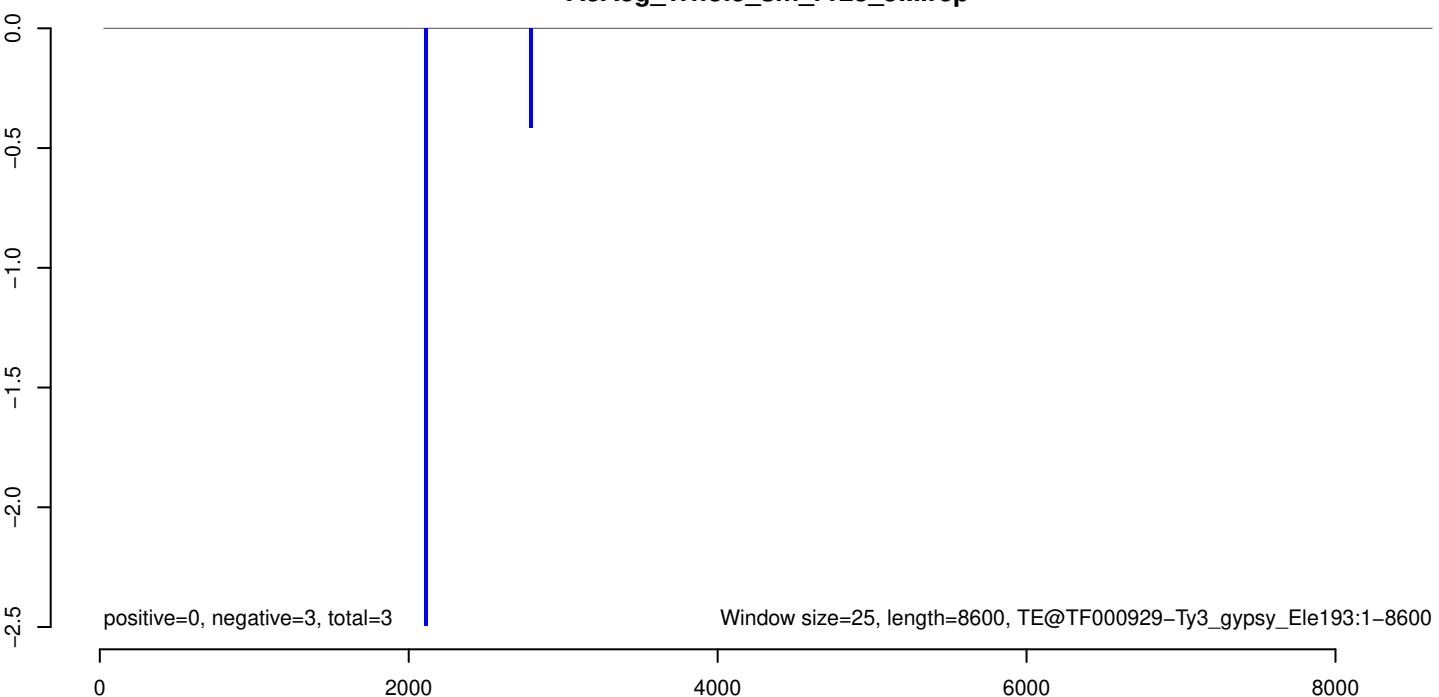
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

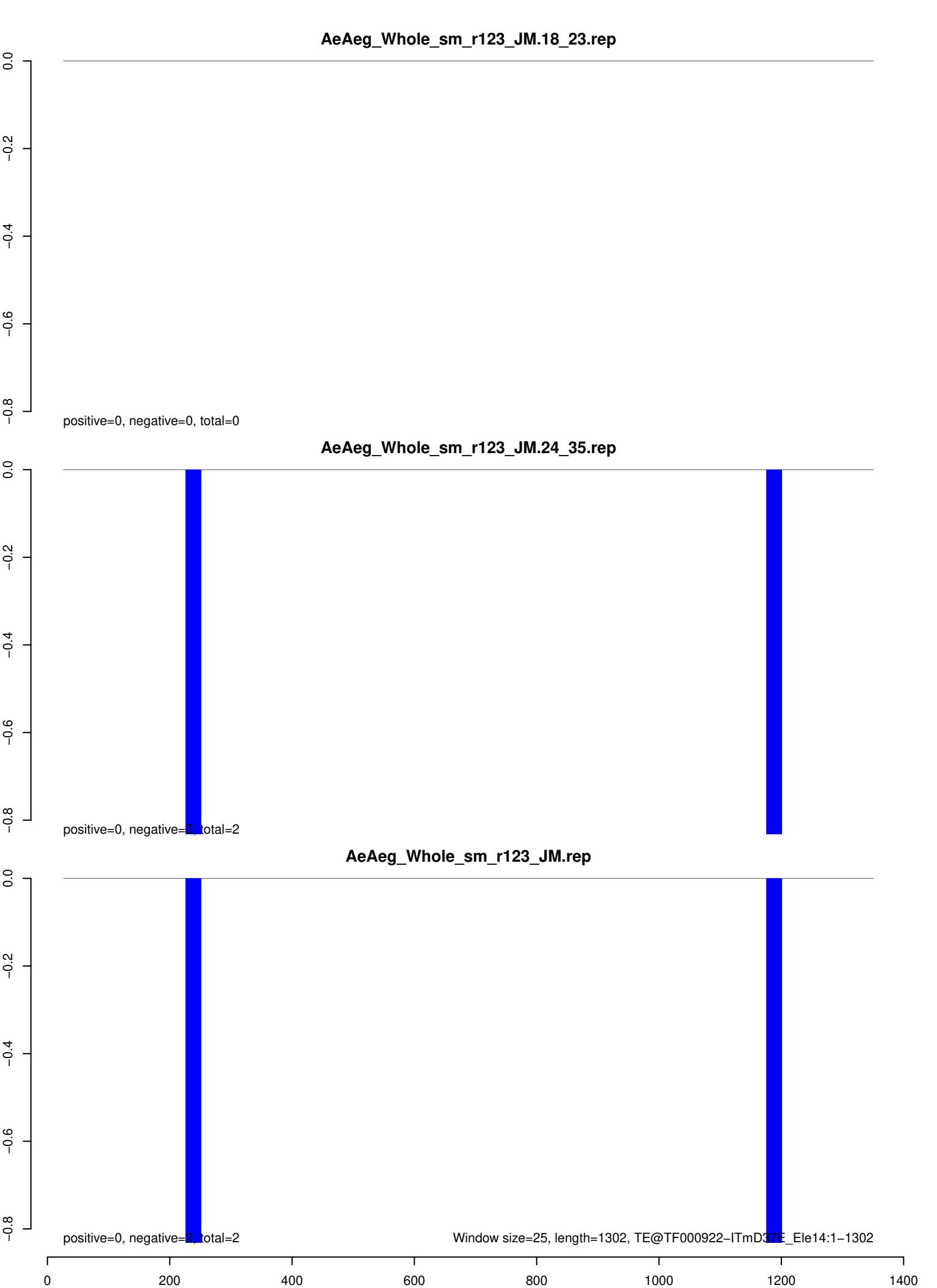
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

Window size=25, length=1302, TE@TF000922-ITmD37E\_Ele14:1-1302



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

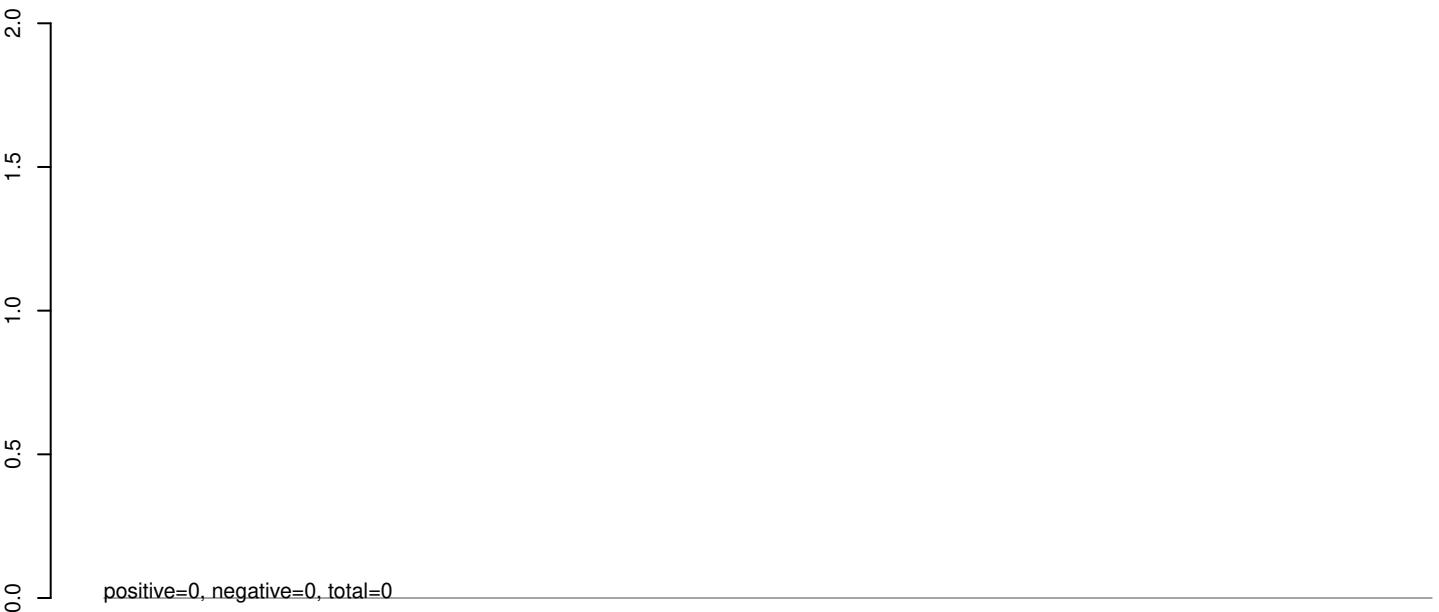
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

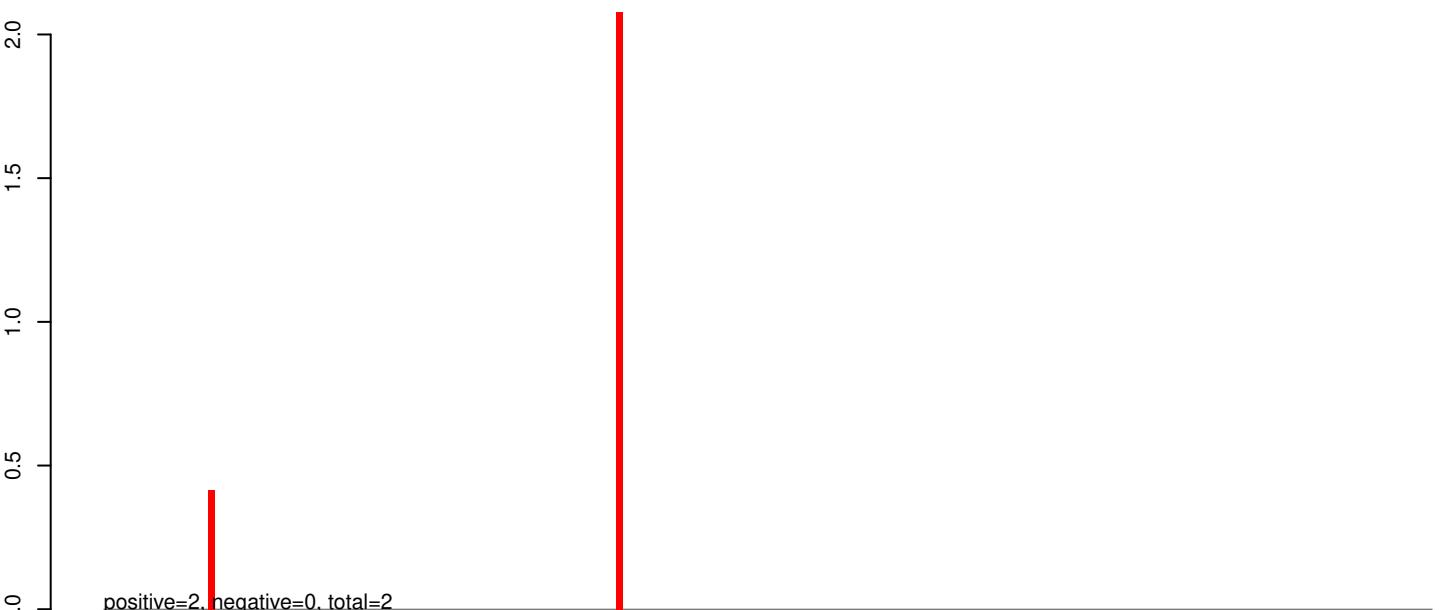
Window size=25, length=5208, TE@TF000764-Ty1\_copia\_Ele85:1-5208

0 1000 2000 3000 4000 5000

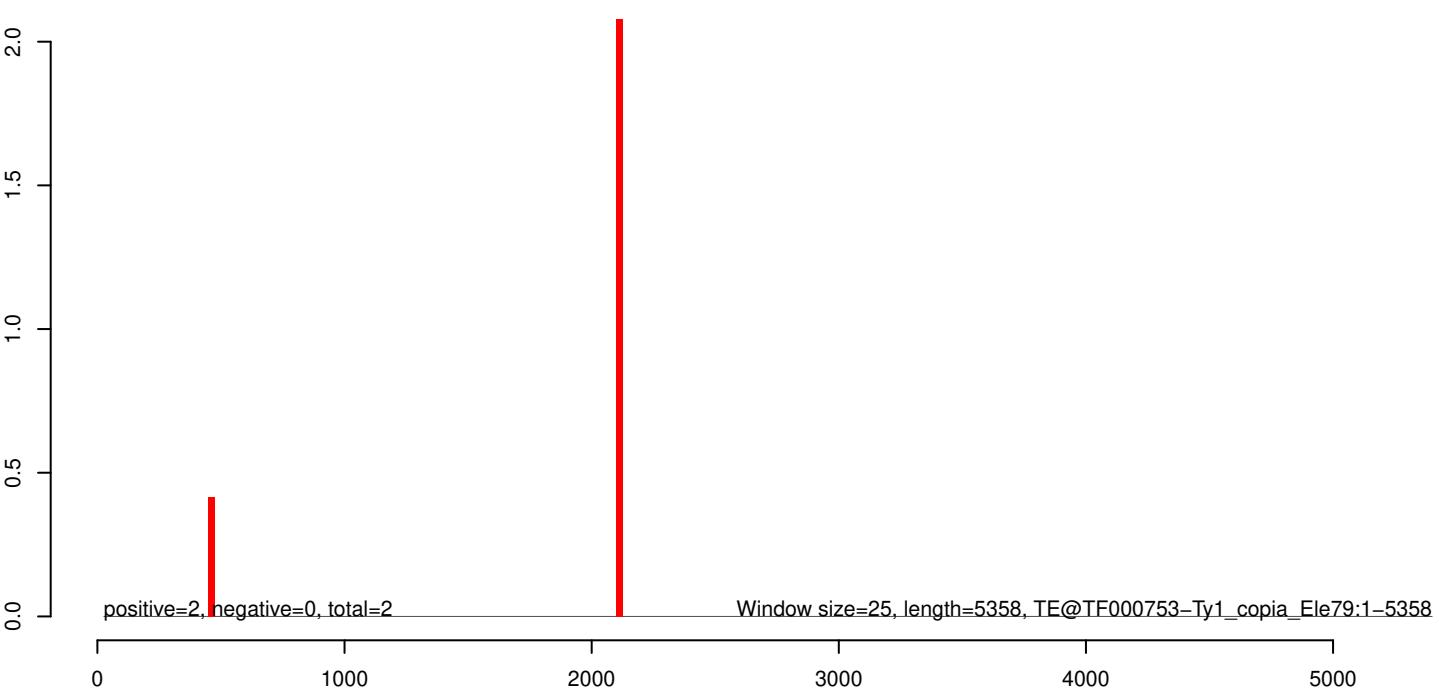
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



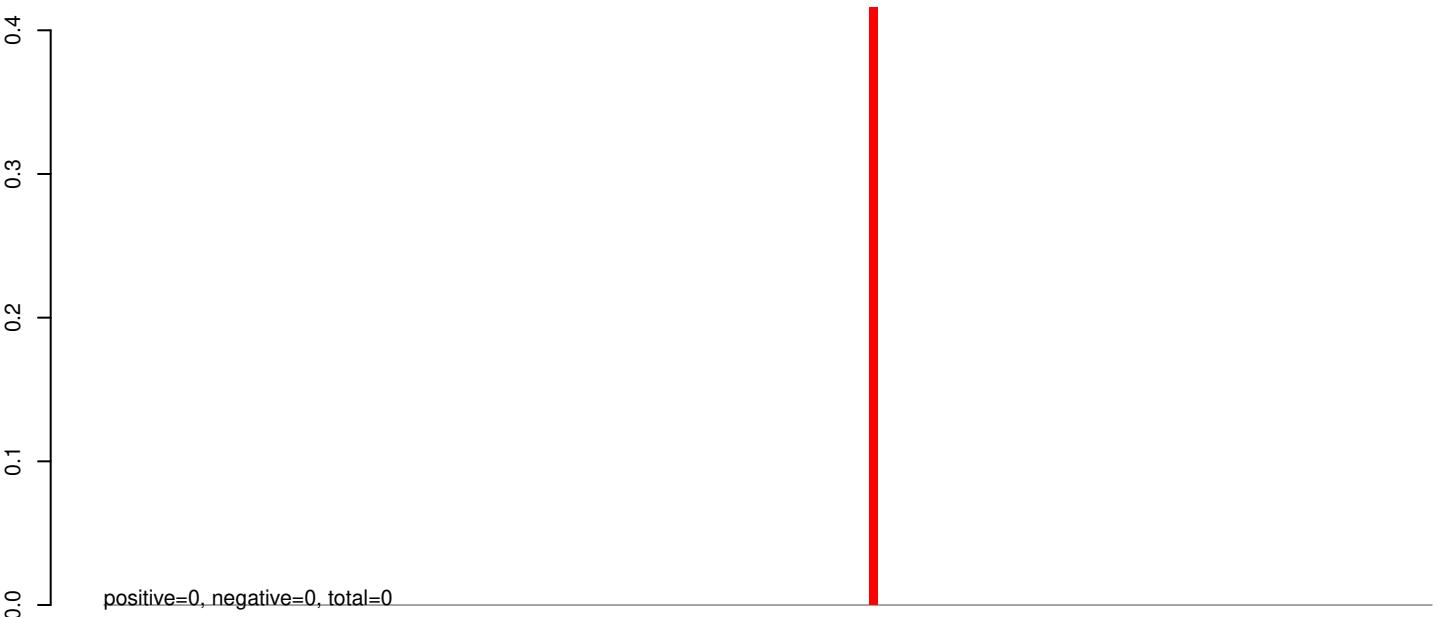
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



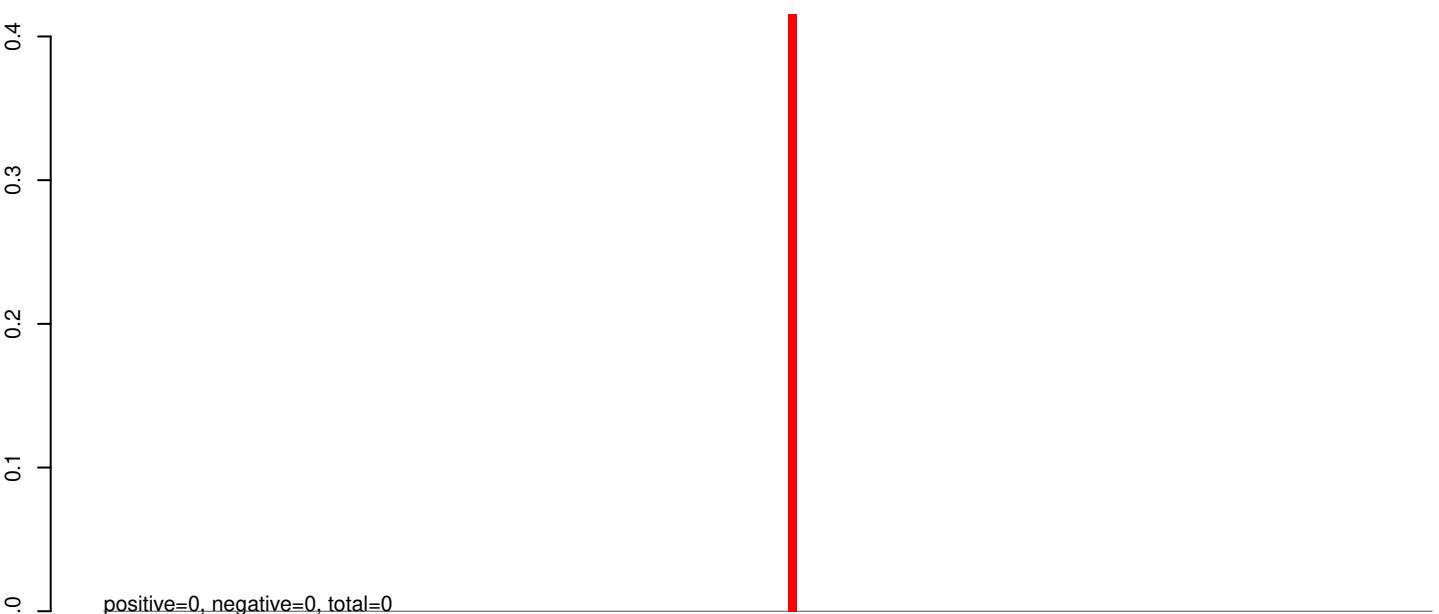
**AeAeg\_Whole\_sm\_r123\_JM.rep**



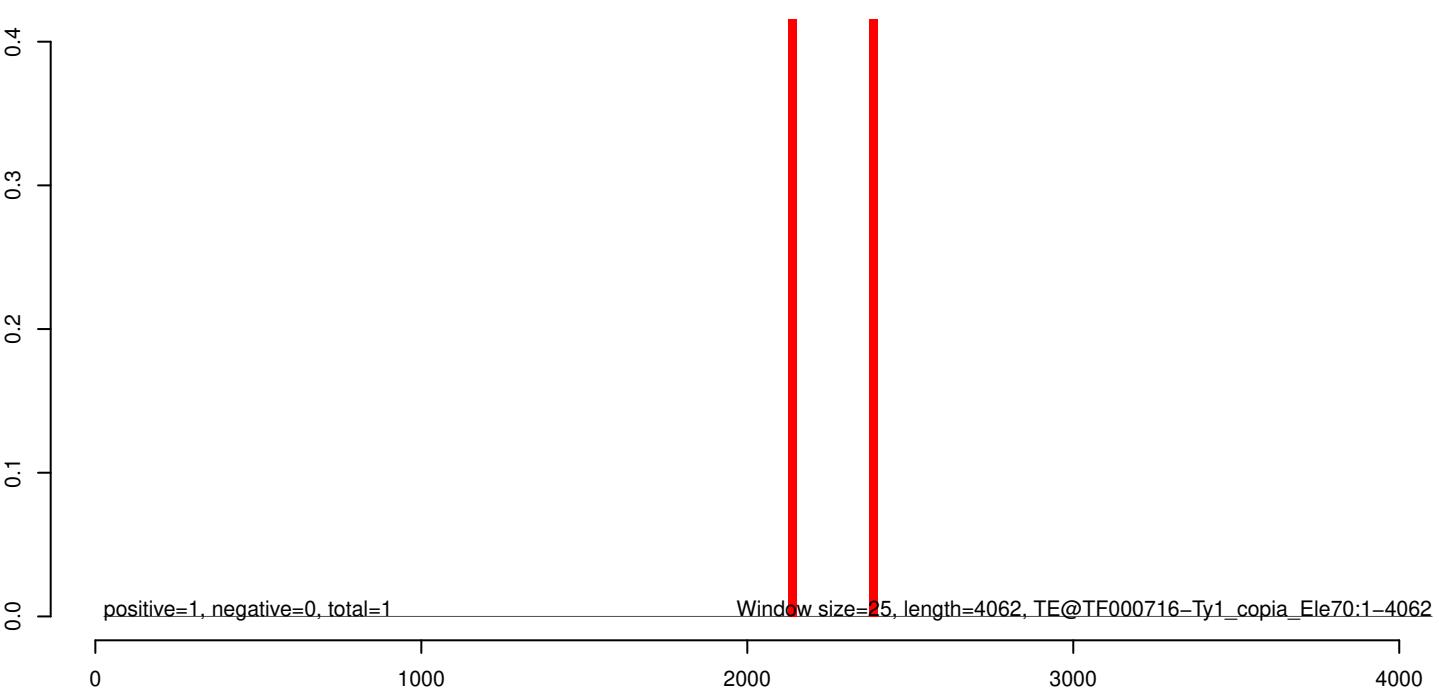
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



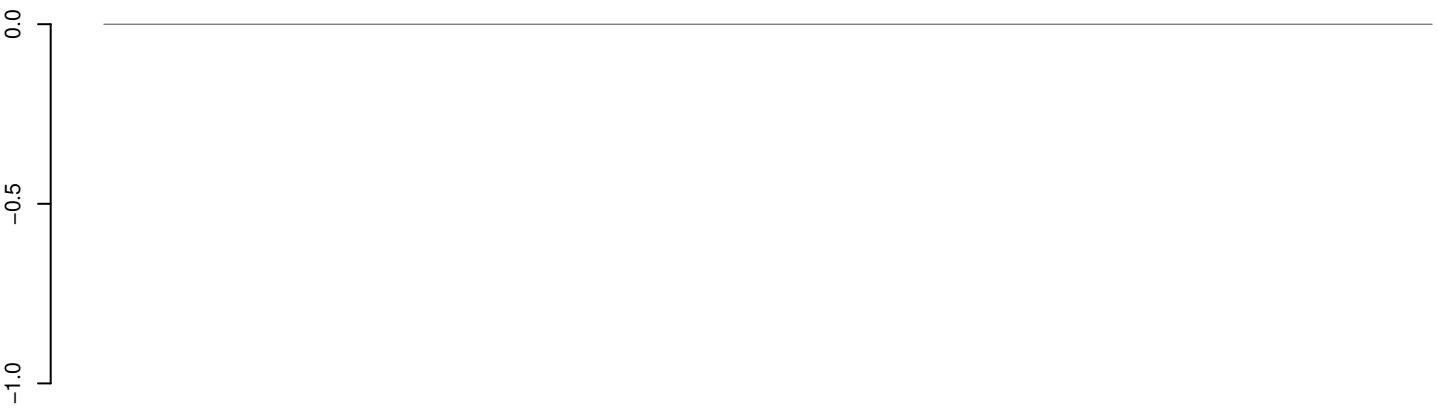
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

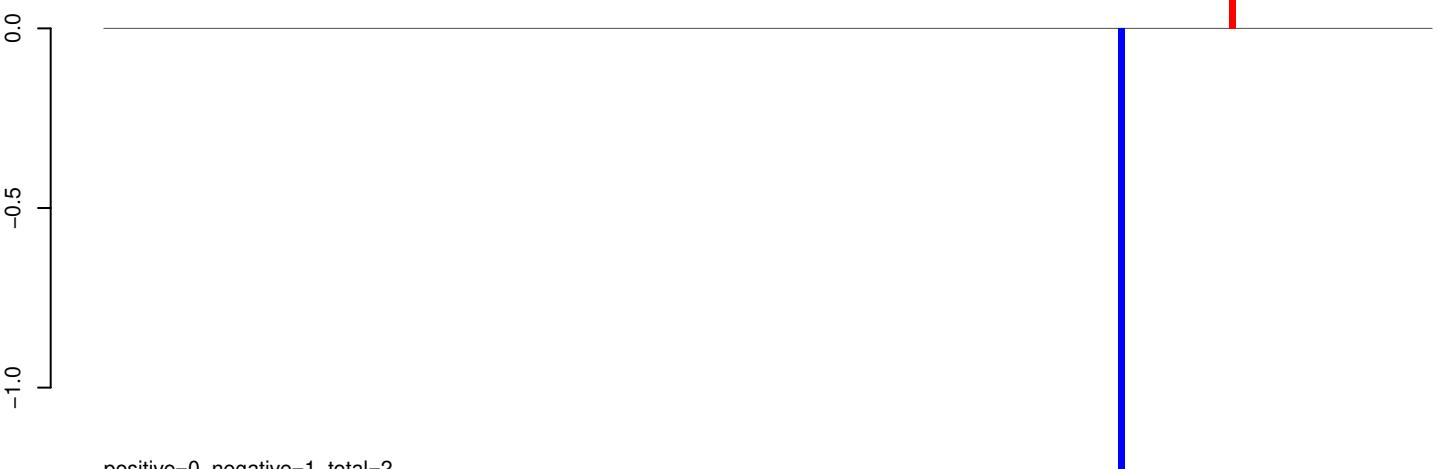


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



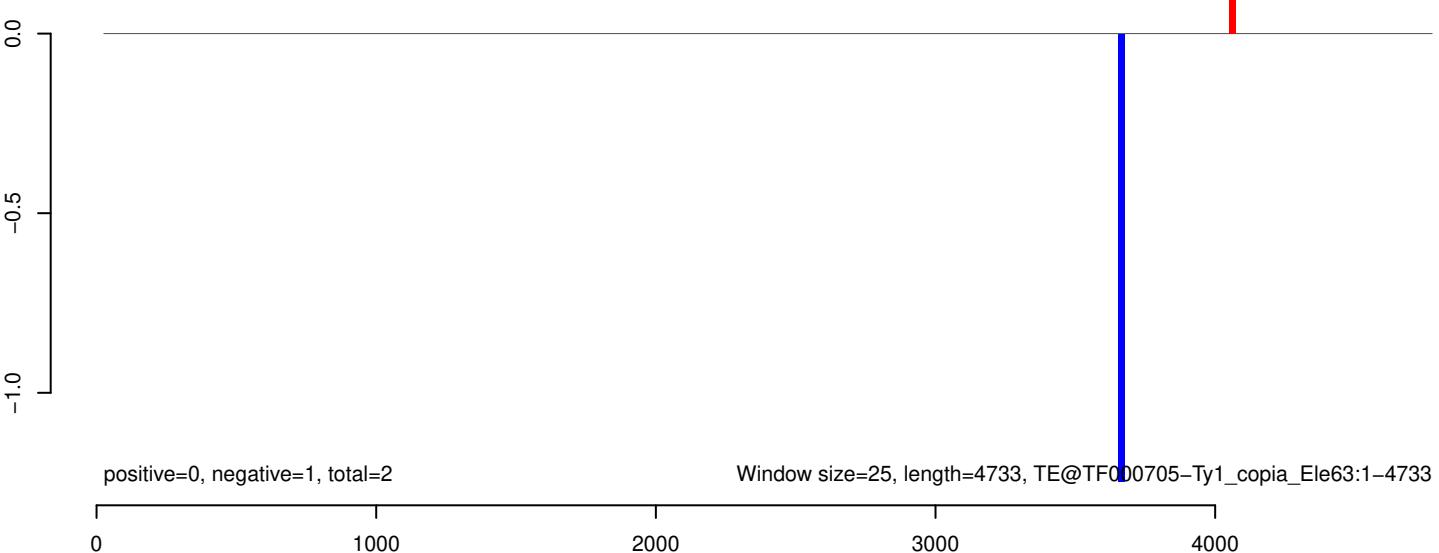
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=0, negative=1, total=2

Window size=25, length=4733, TE@TF000705-Ty1\_copia\_Ele63:1-4733

0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=1, negative=0, total=1



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

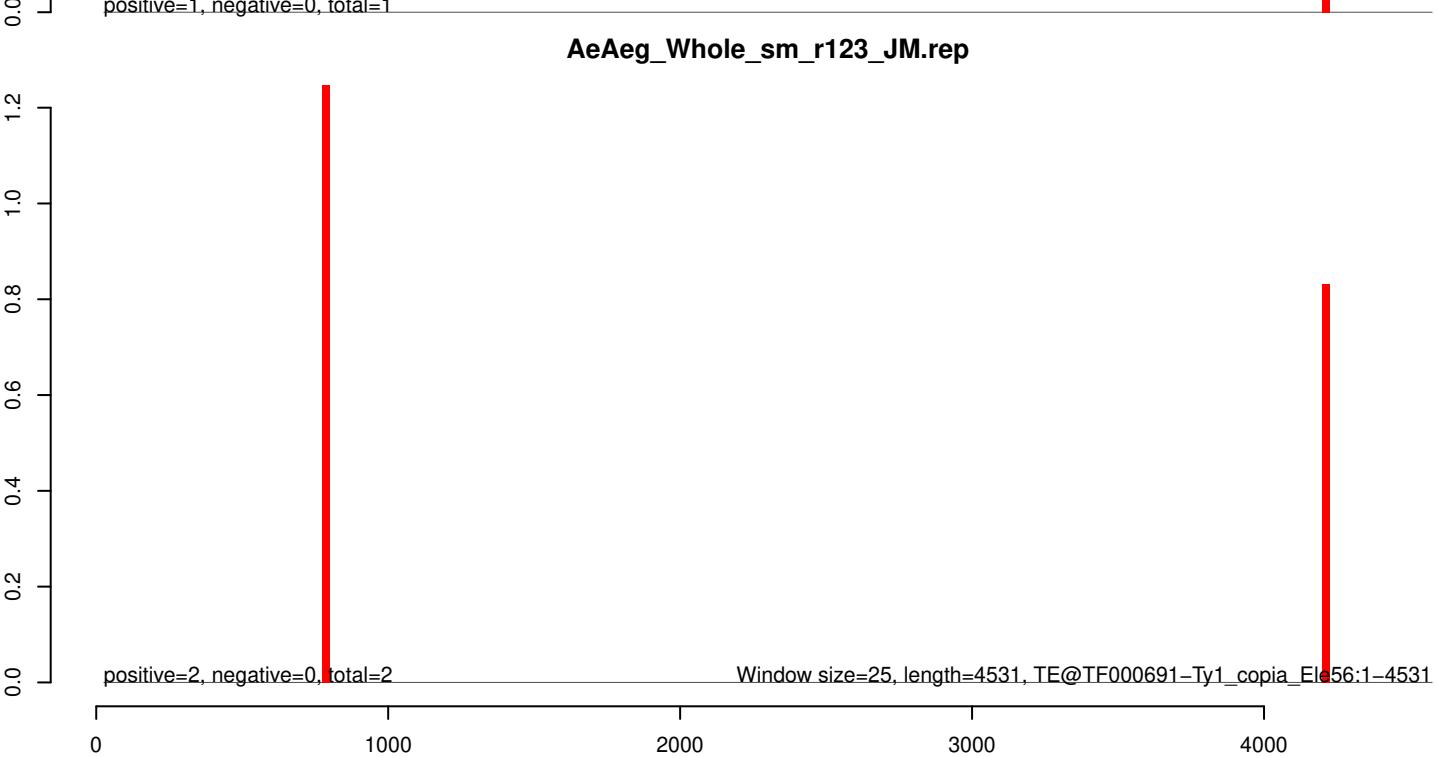
positive=1, negative=0, total=1



**AeAeg\_Whole\_sm\_r123\_JM.rep**

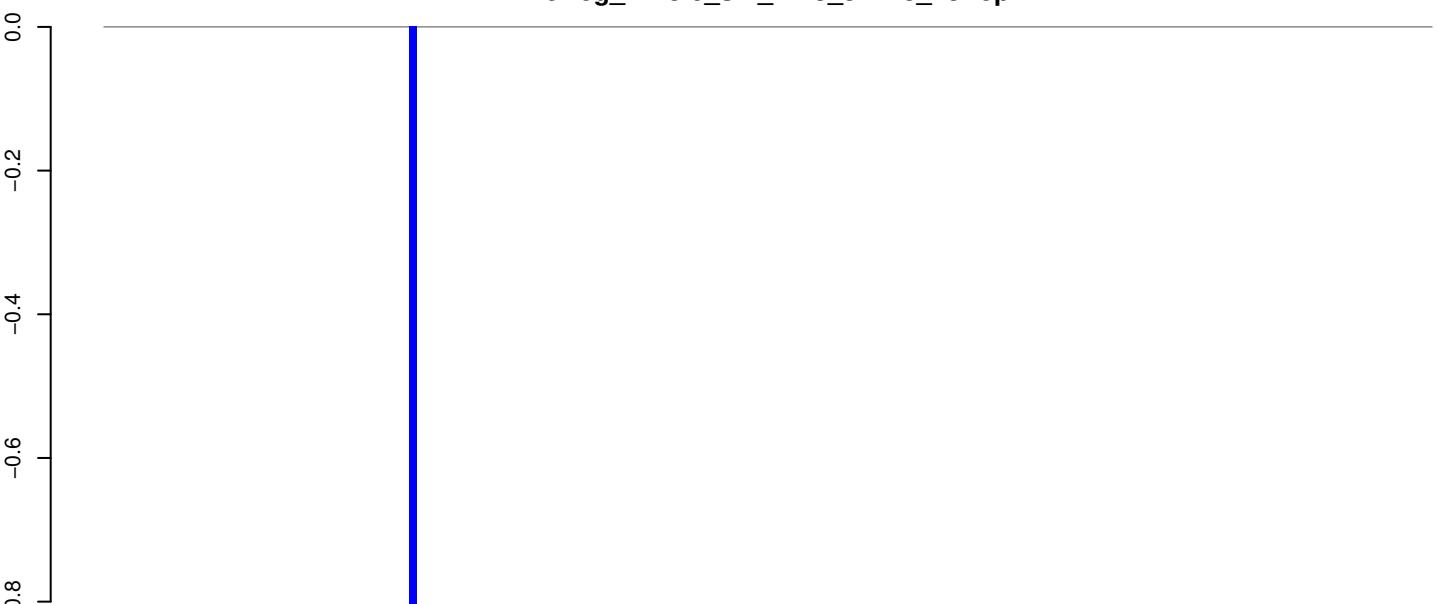
positive=2, negative=0, total=2

Window size=25, length=4531, TE@TF000691-Ty1\_copia\_El56:1-4531



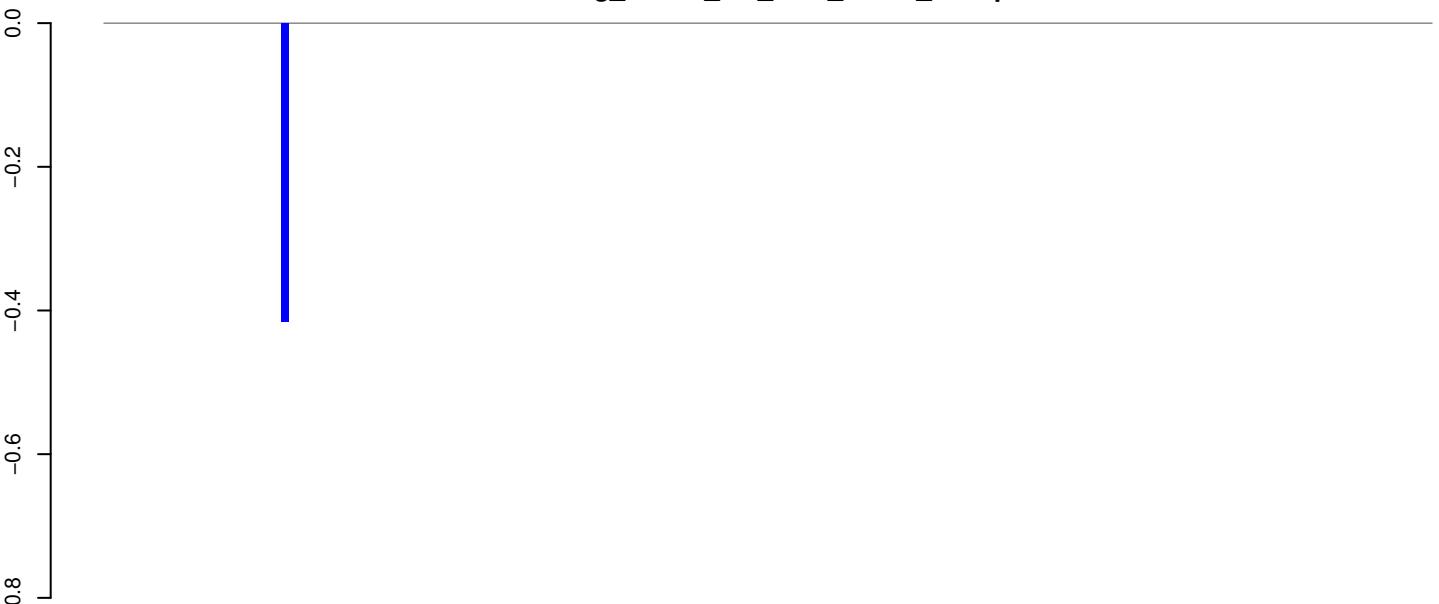
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

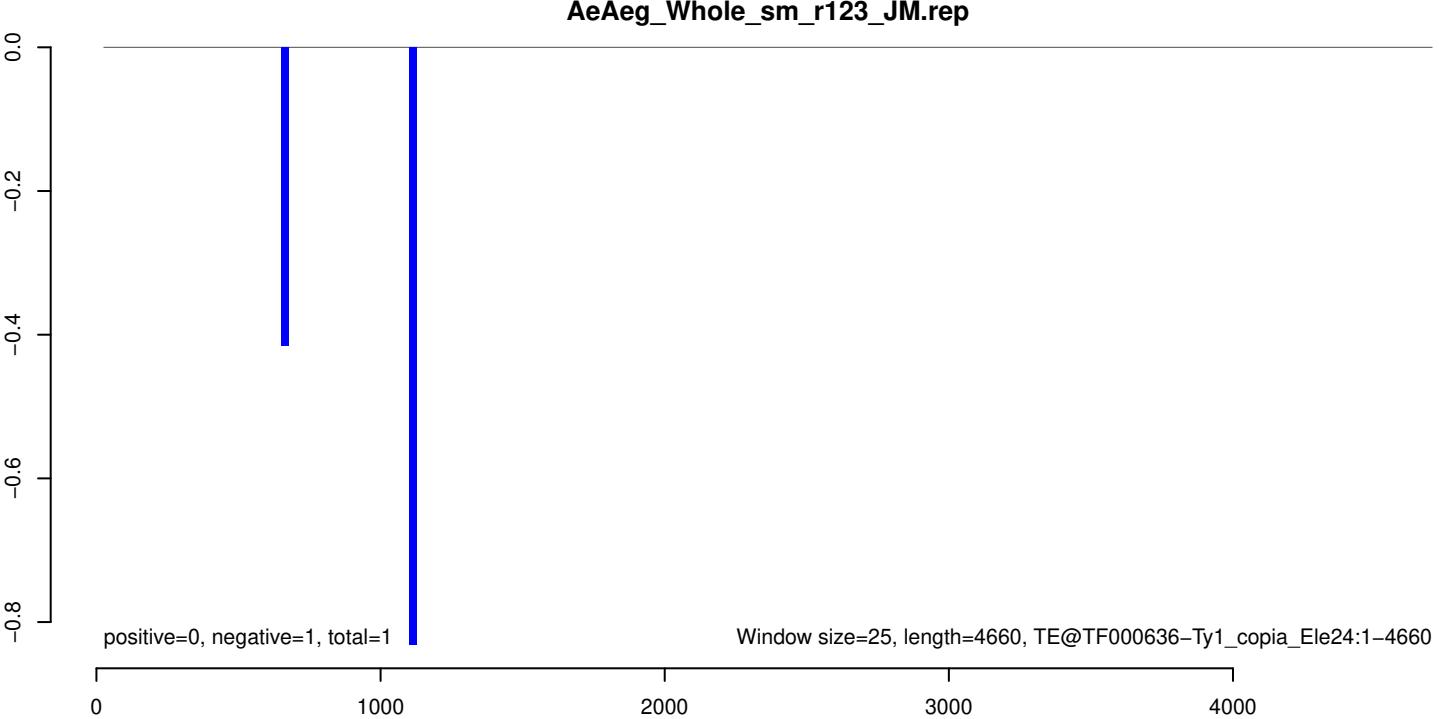
positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.rep

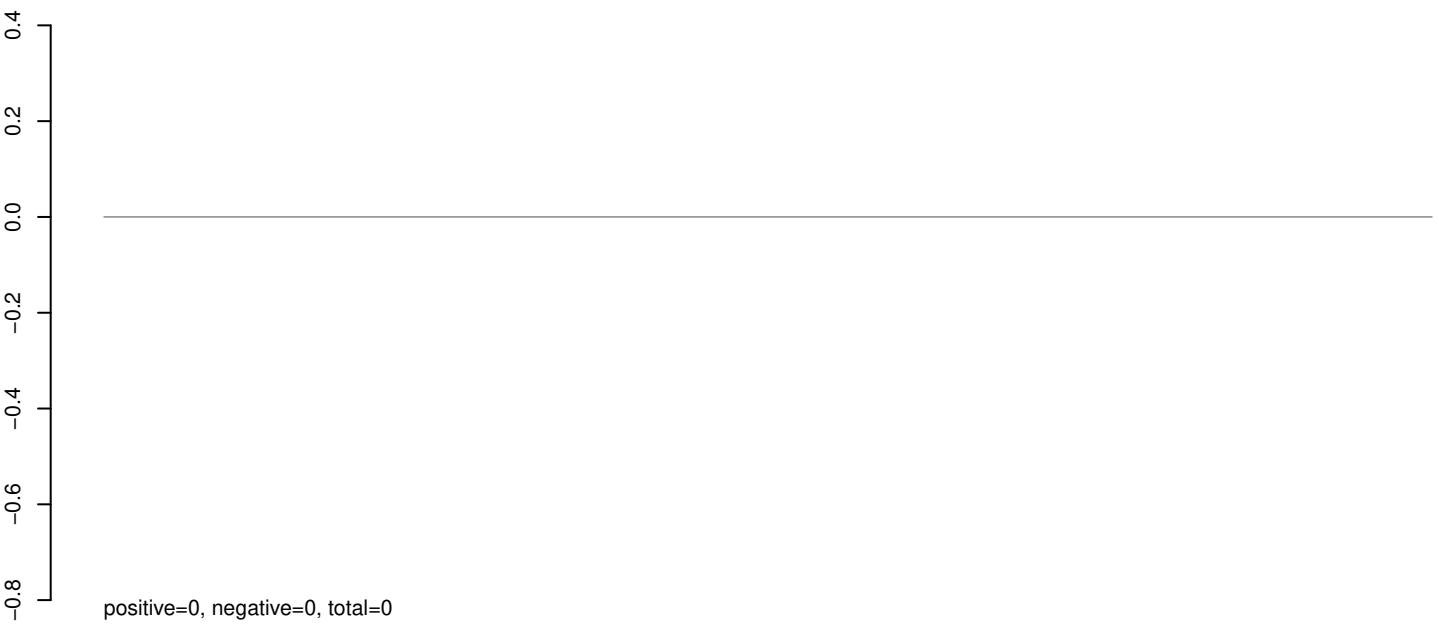
positive=0, negative=1, total=1

Window size=25, length=4660, TE@TF000636-Ty1\_copia\_Ele24:1-4660



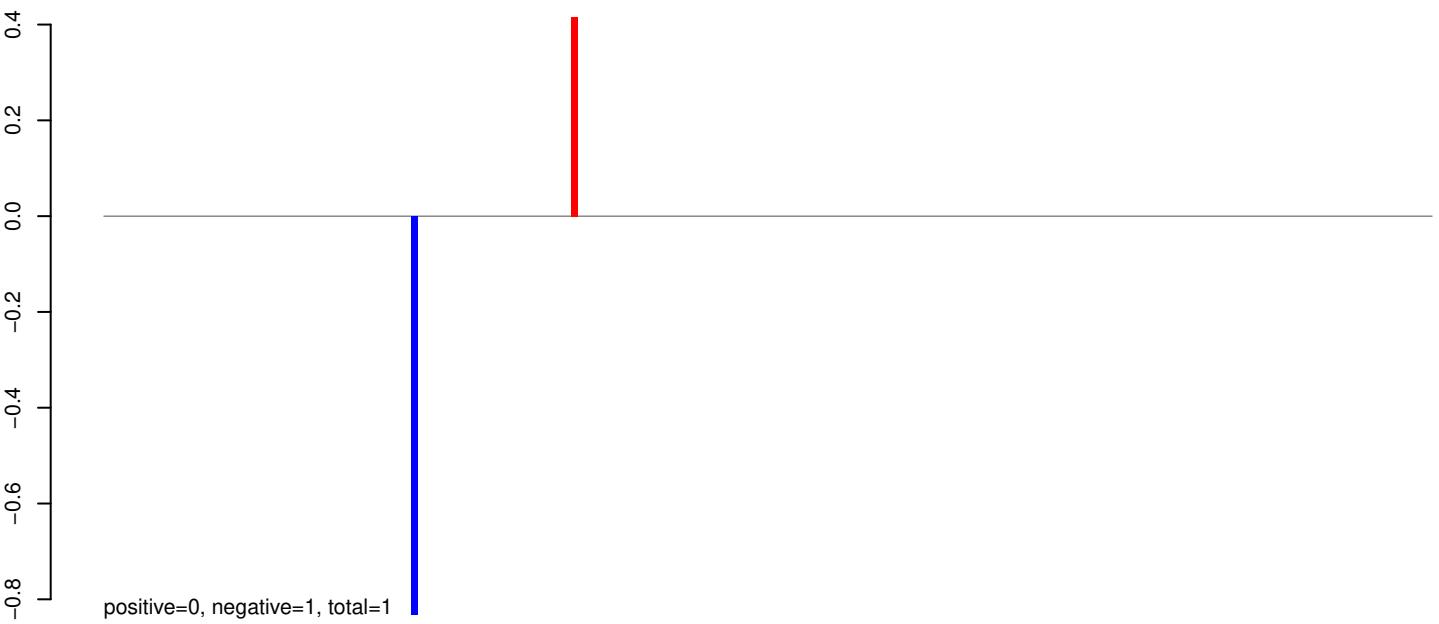
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



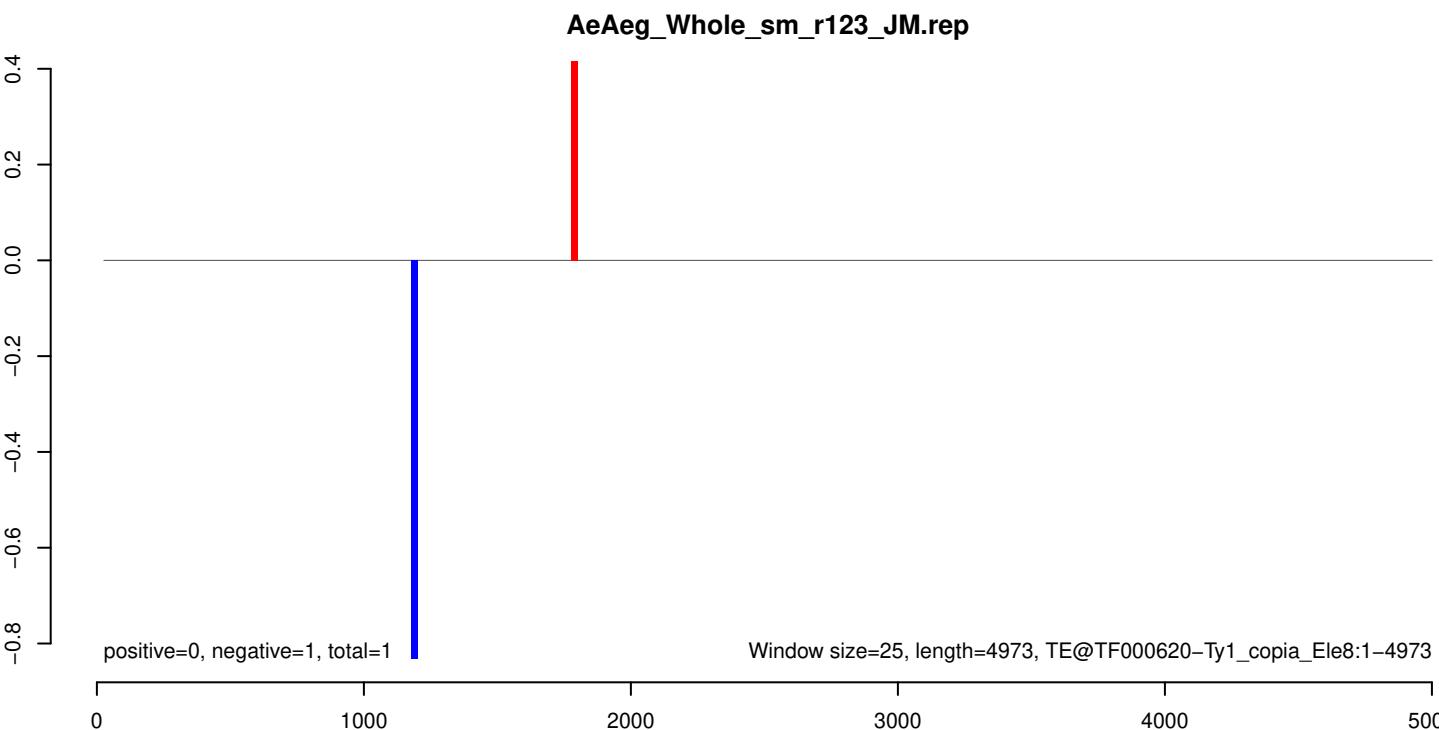
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

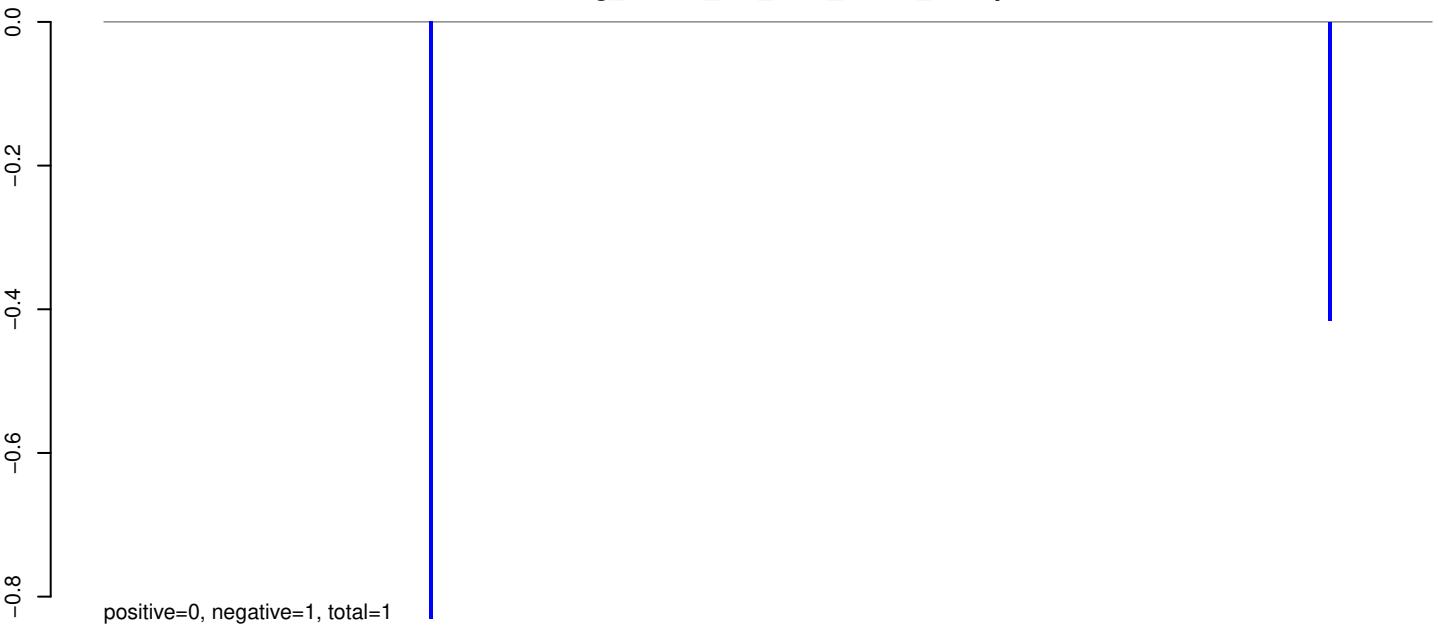


### AeAeg\_Whole\_sm\_r123\_JM.rep

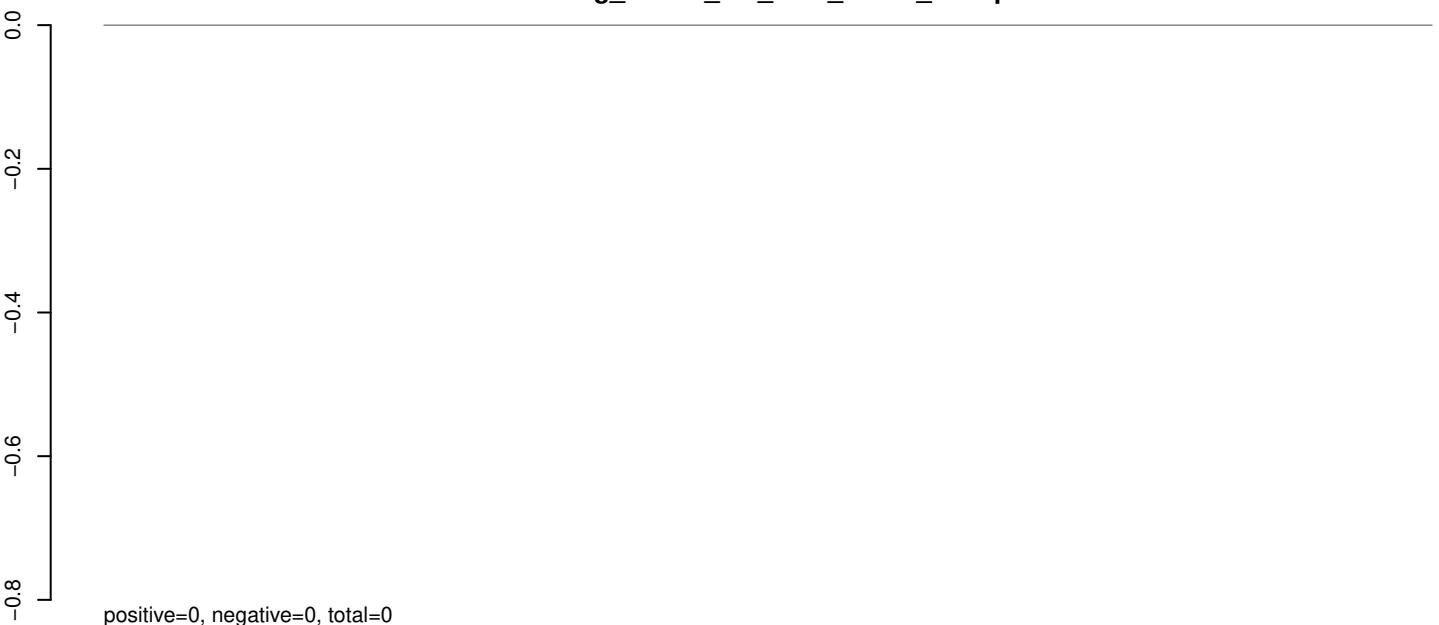
positive=0, negative=1, total=1



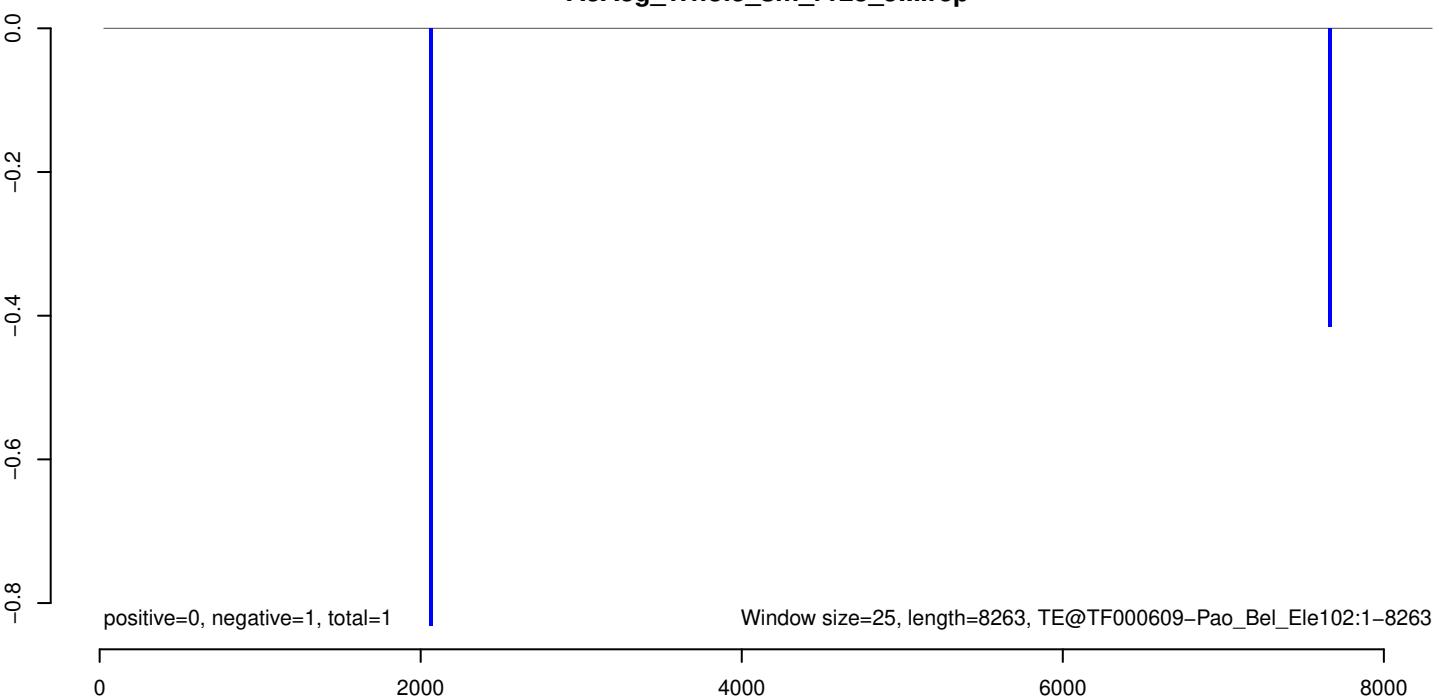
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



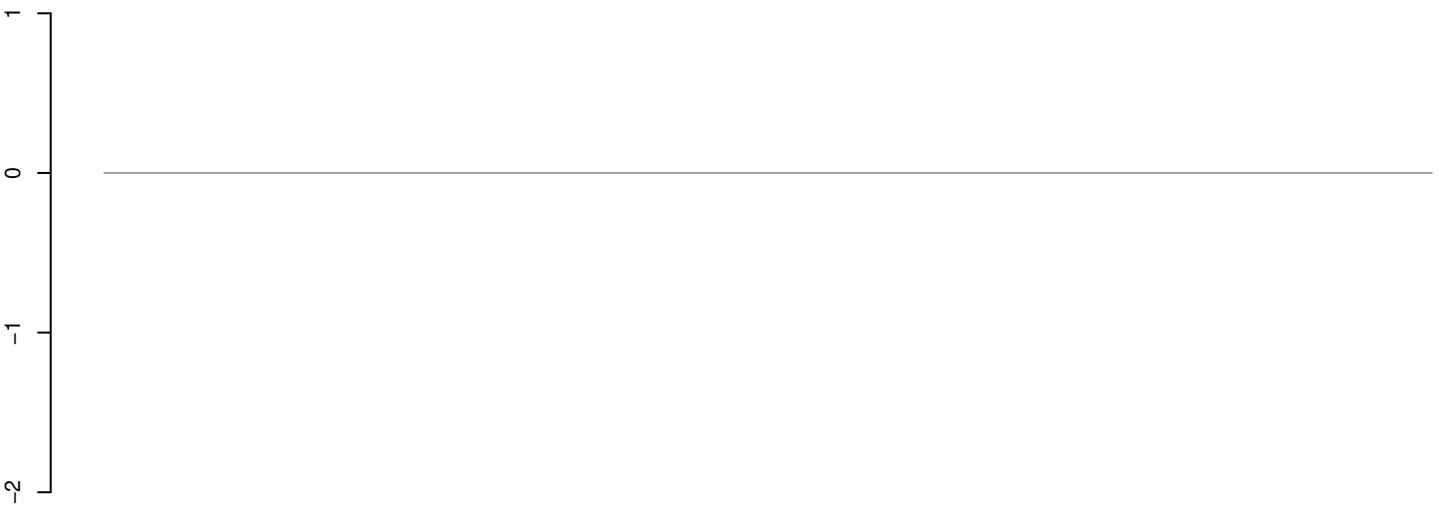
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



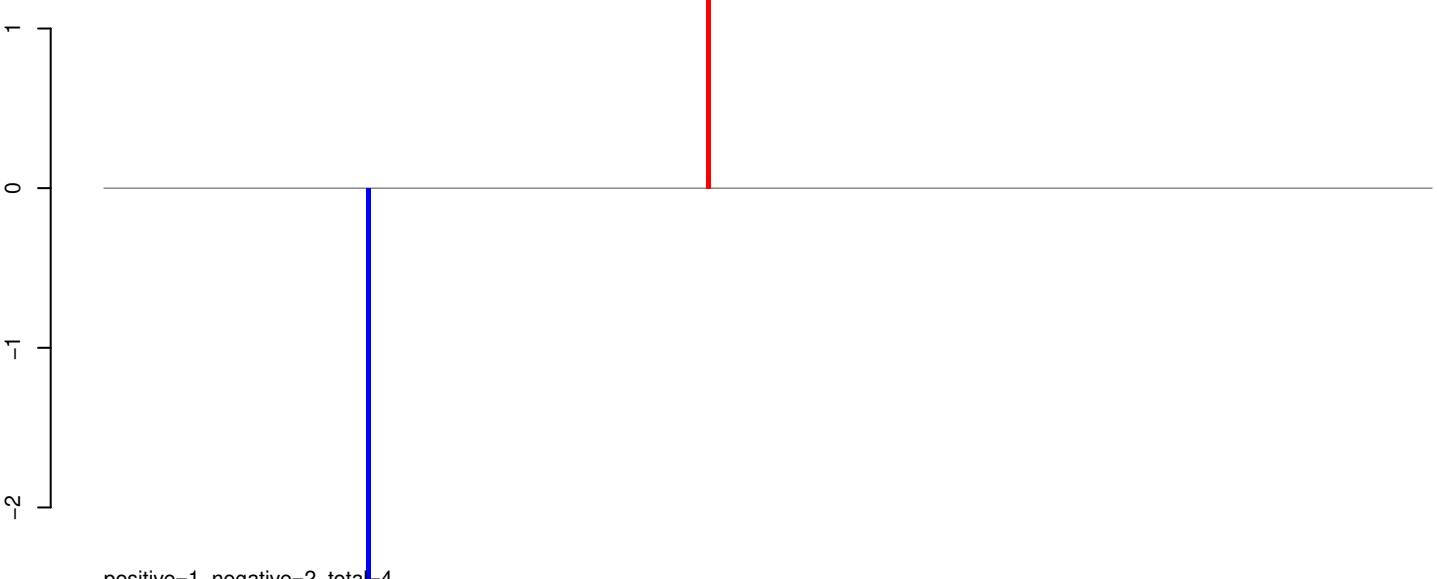
### AeAeg\_Whole\_sm\_r123\_JM.rep



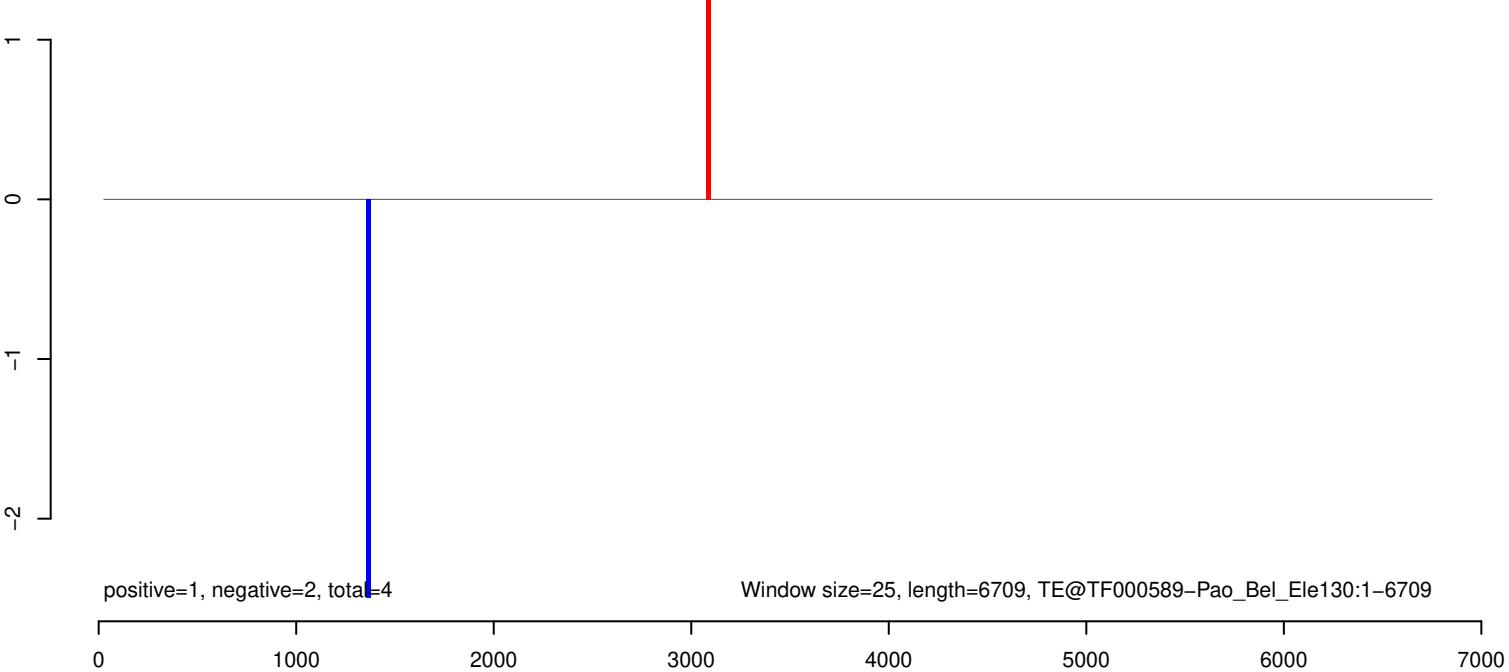
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=1, negative=0, total=1

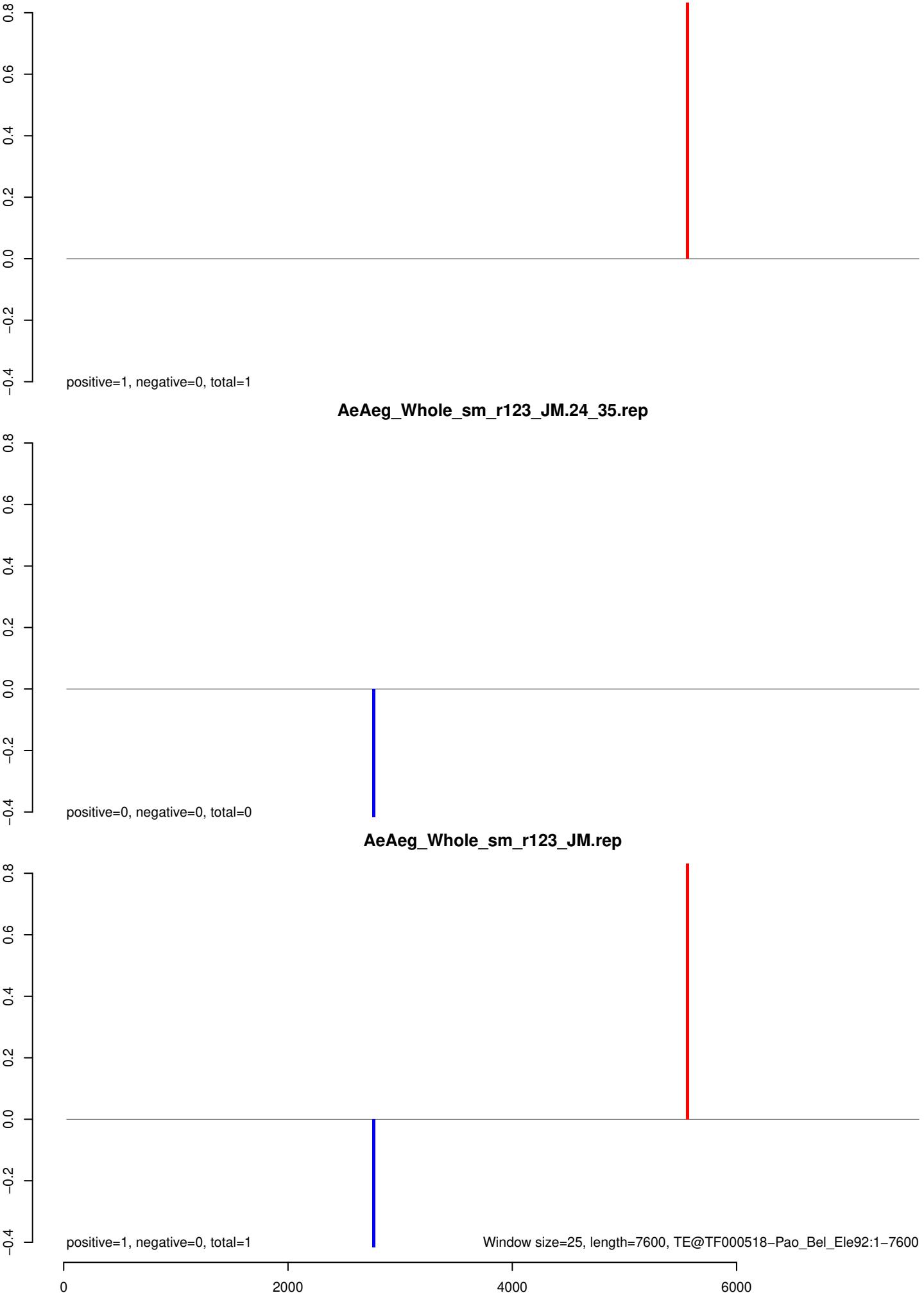
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

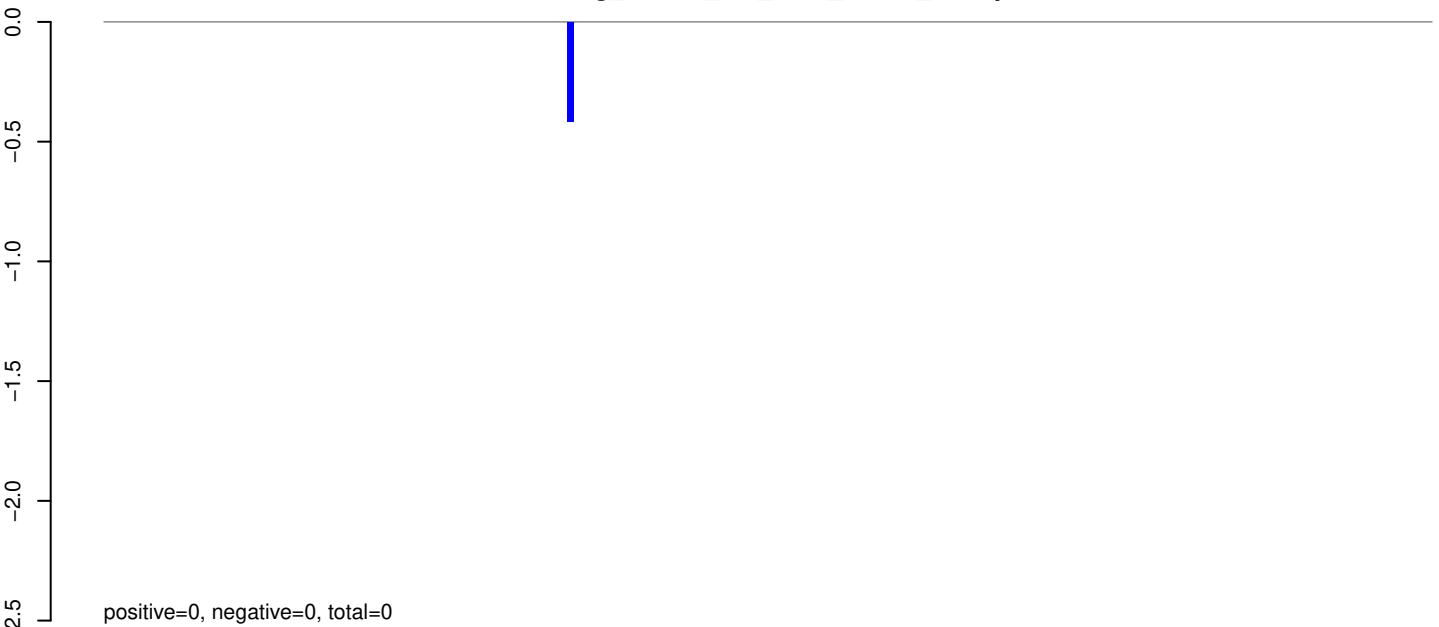
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=0, total=1

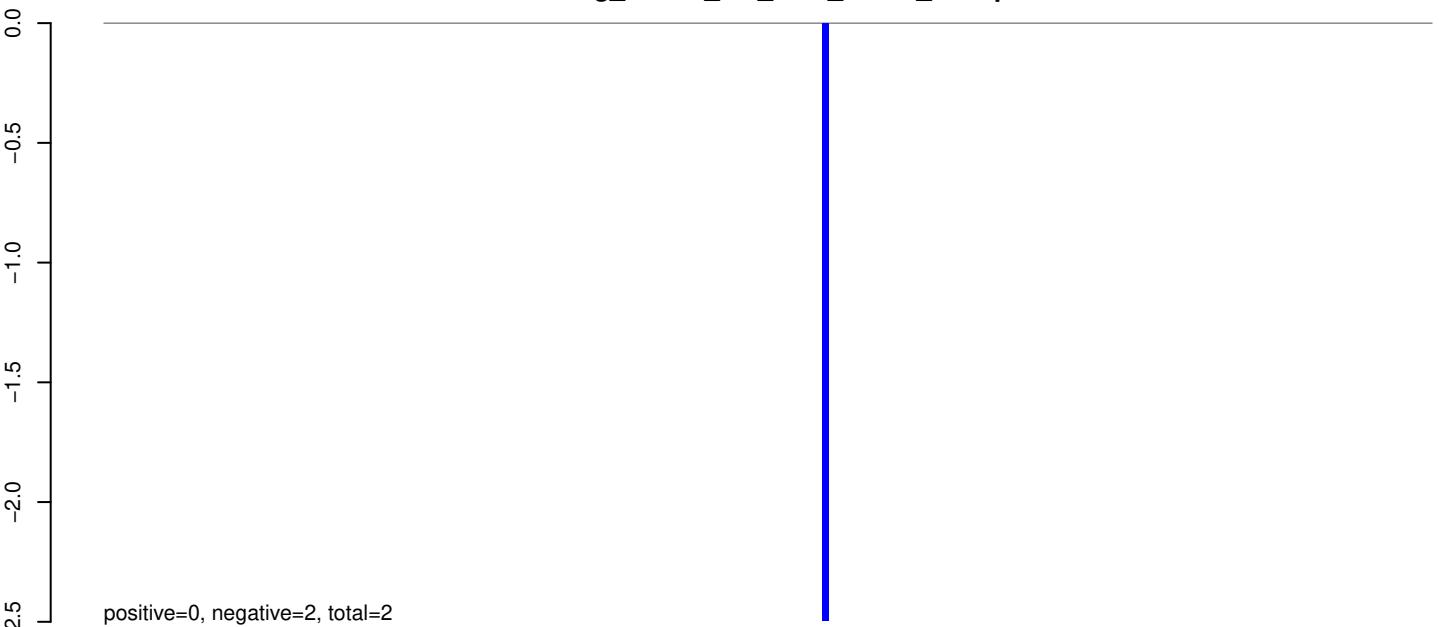
Window size=25, length=7600, TE@TF000518-Pao\_Bel\_Ele92:1-7600



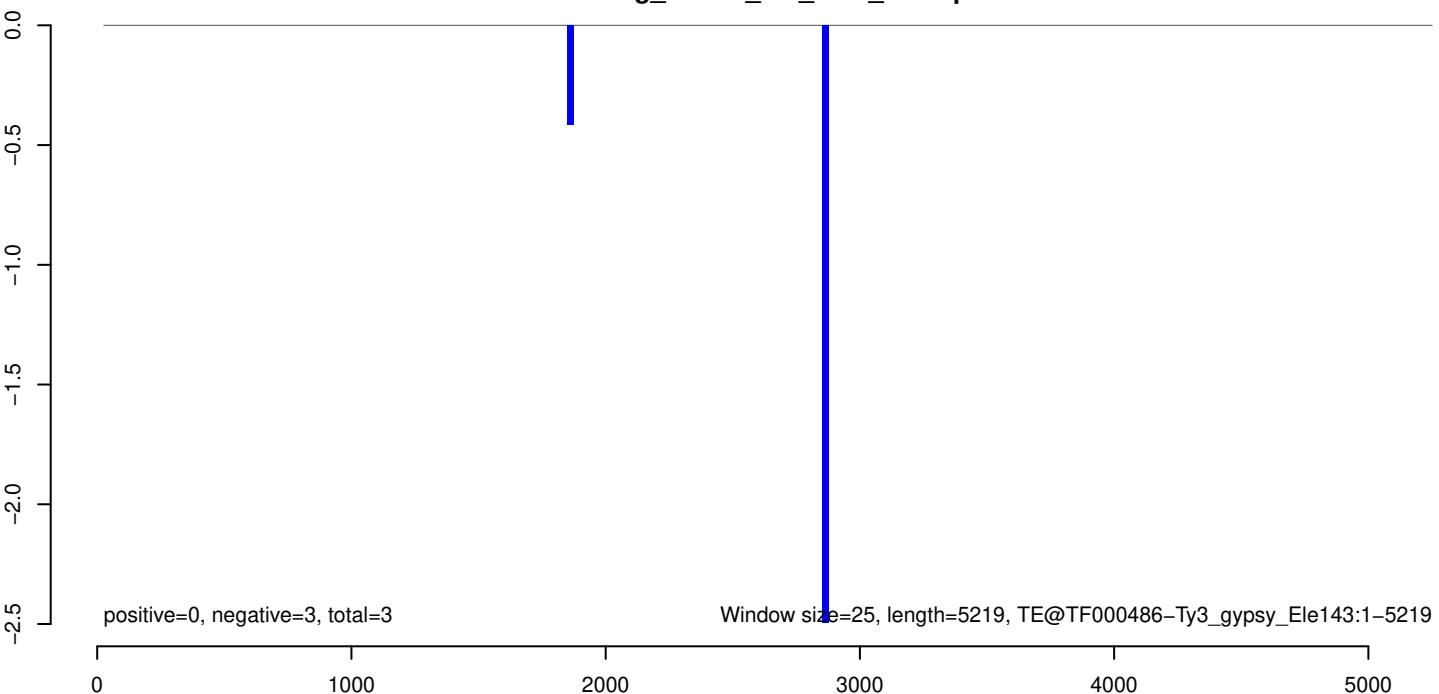
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



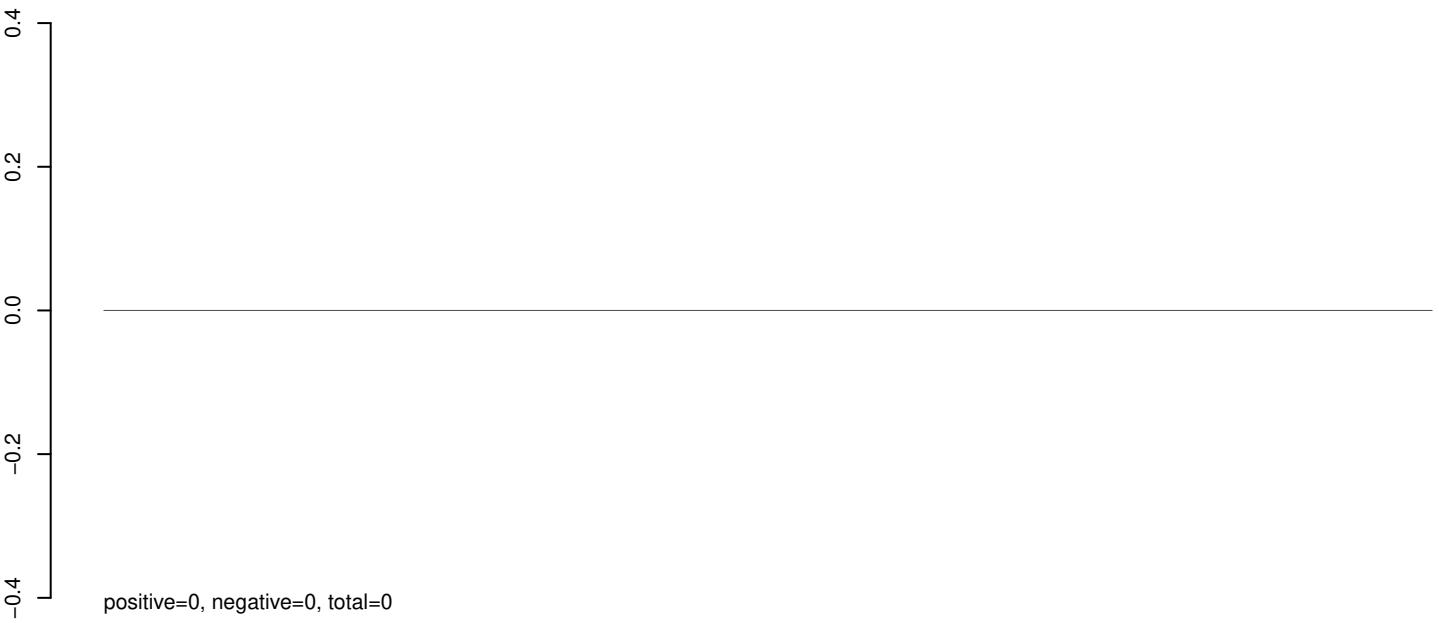
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



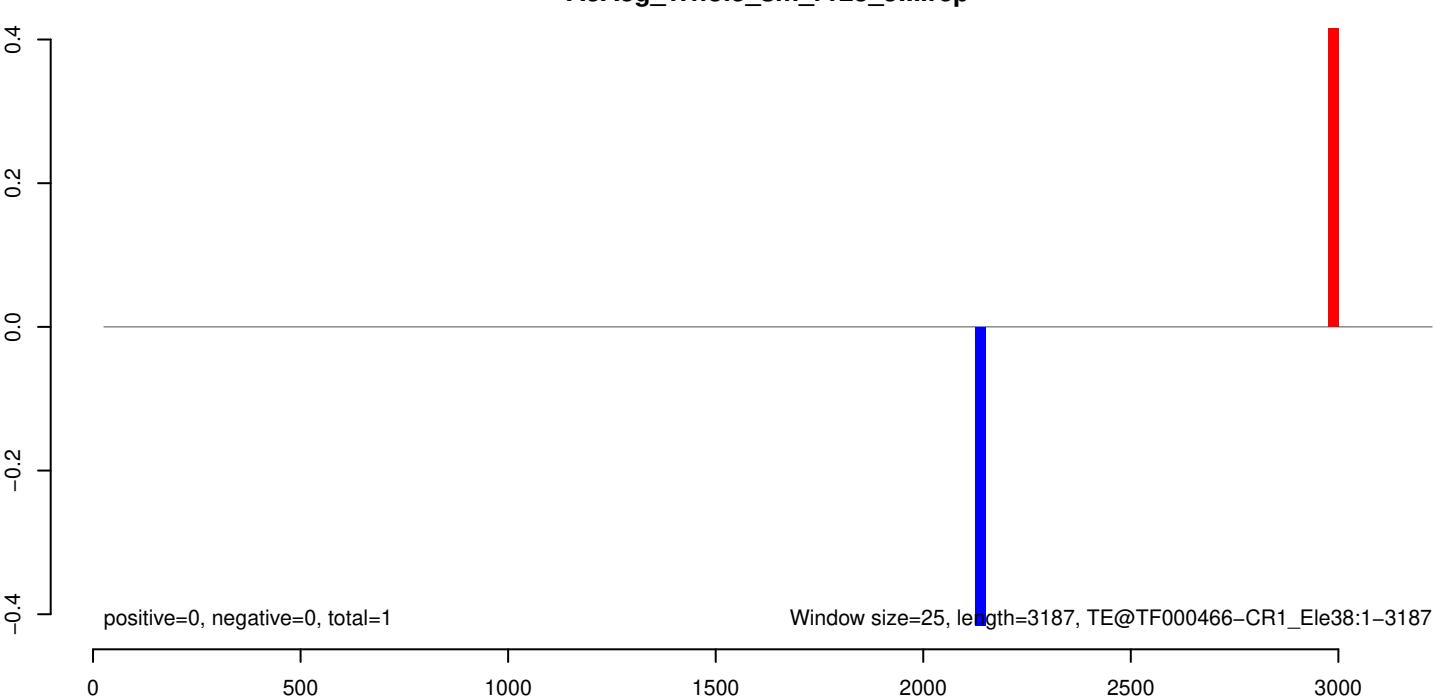
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



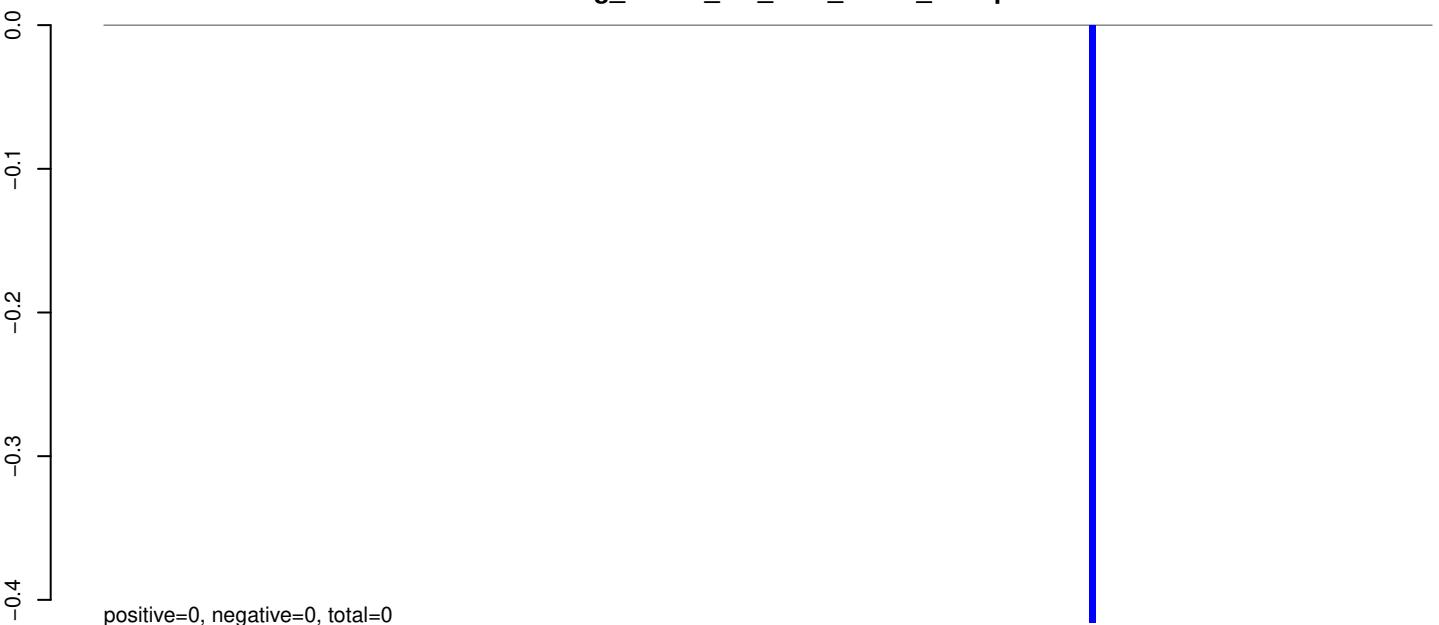
### AeAeg\_Whole\_sm\_r123\_JM.rep



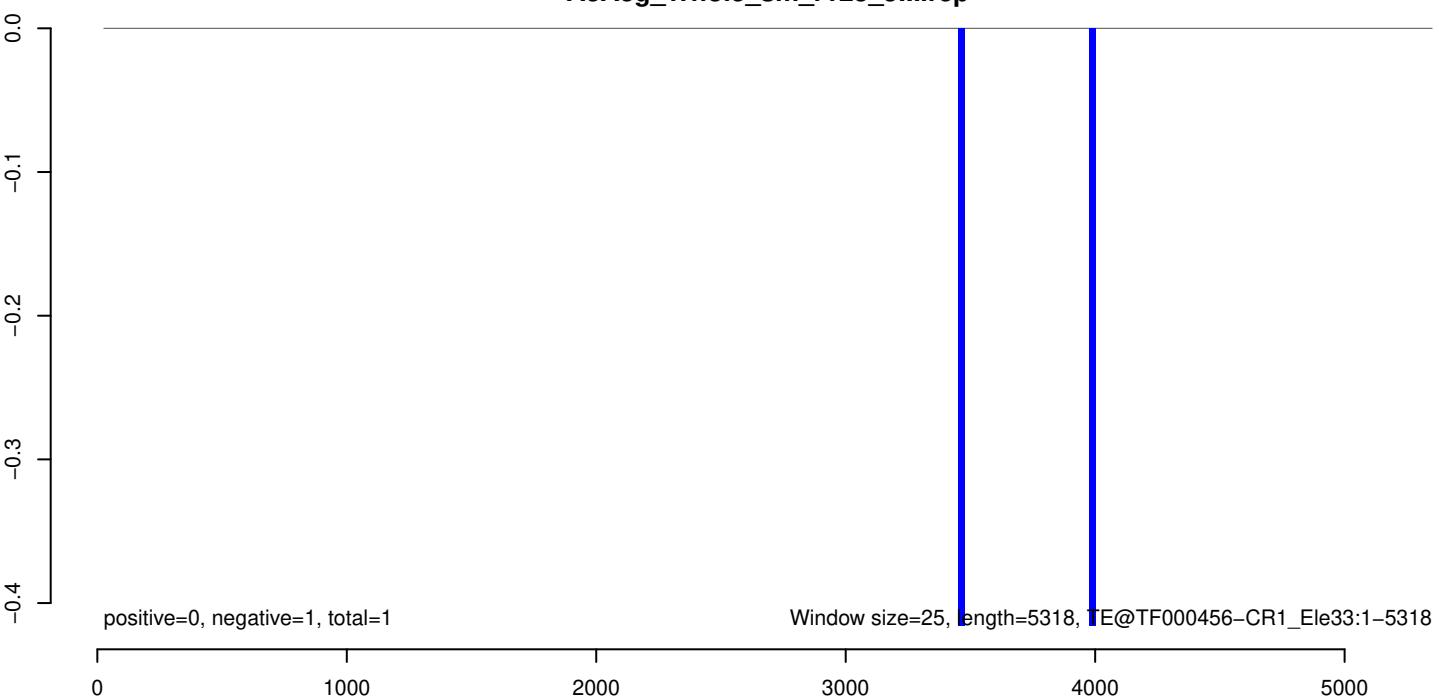
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



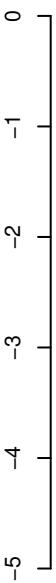
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

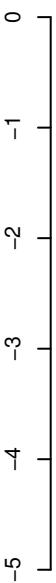


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



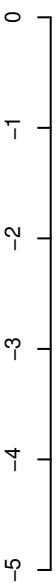
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



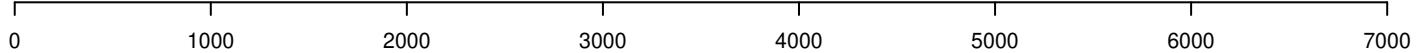
positive=0, negative=6, total=6

### AeAeg\_Whole\_sm\_r123\_JM.rep

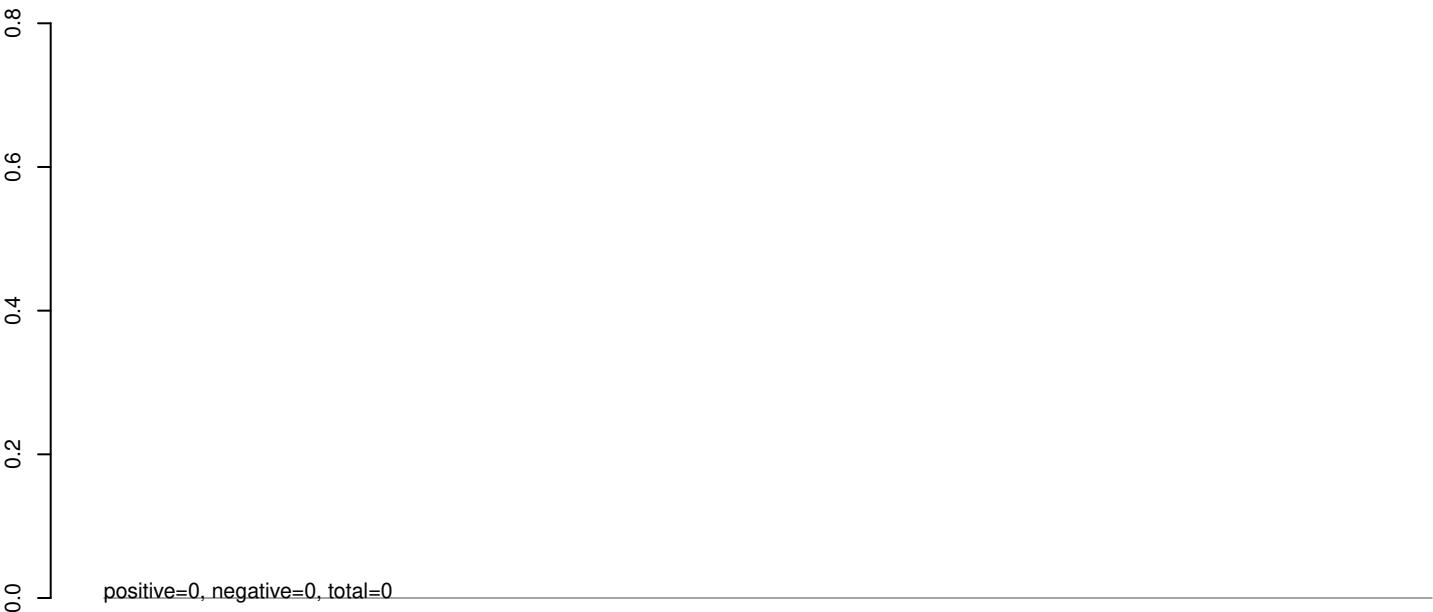


positive=0, negative=6, total=6

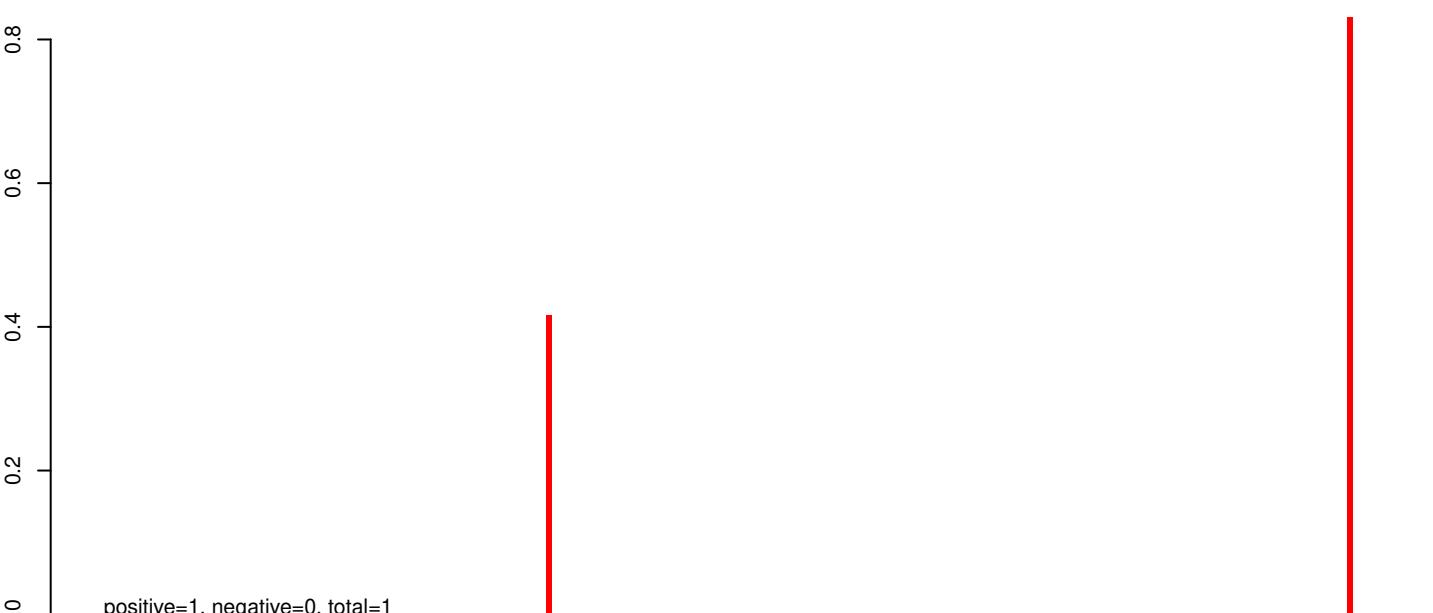
Window size=25, length=6757, TE@TF000387-Ty3\_gypsy\_Ele106:1-6757



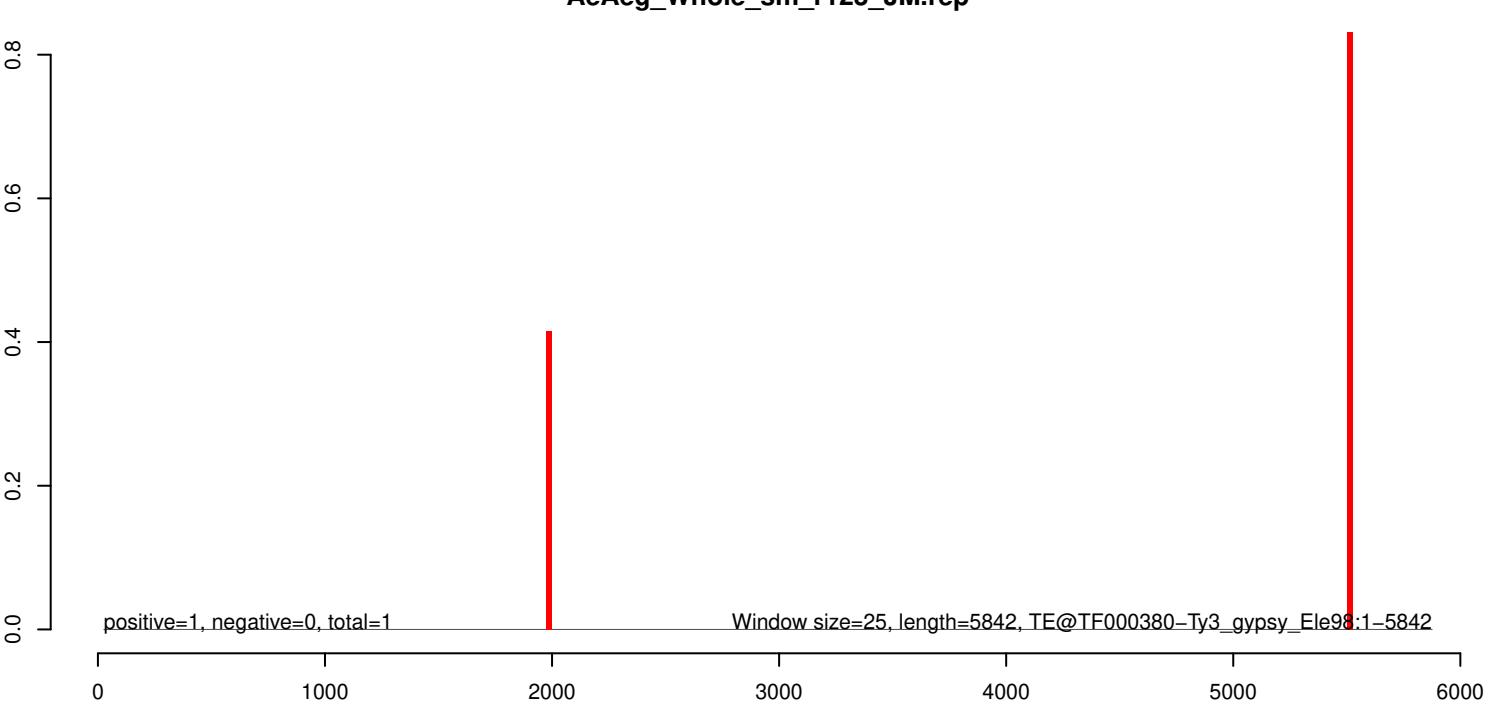
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



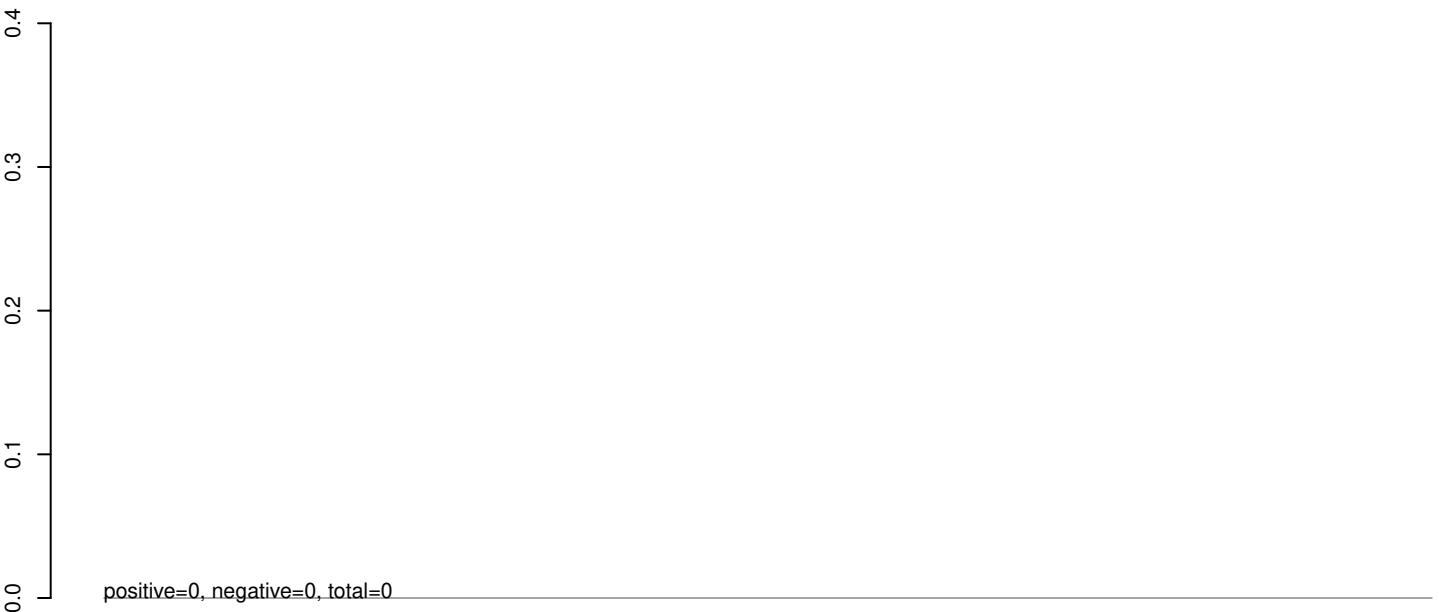
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



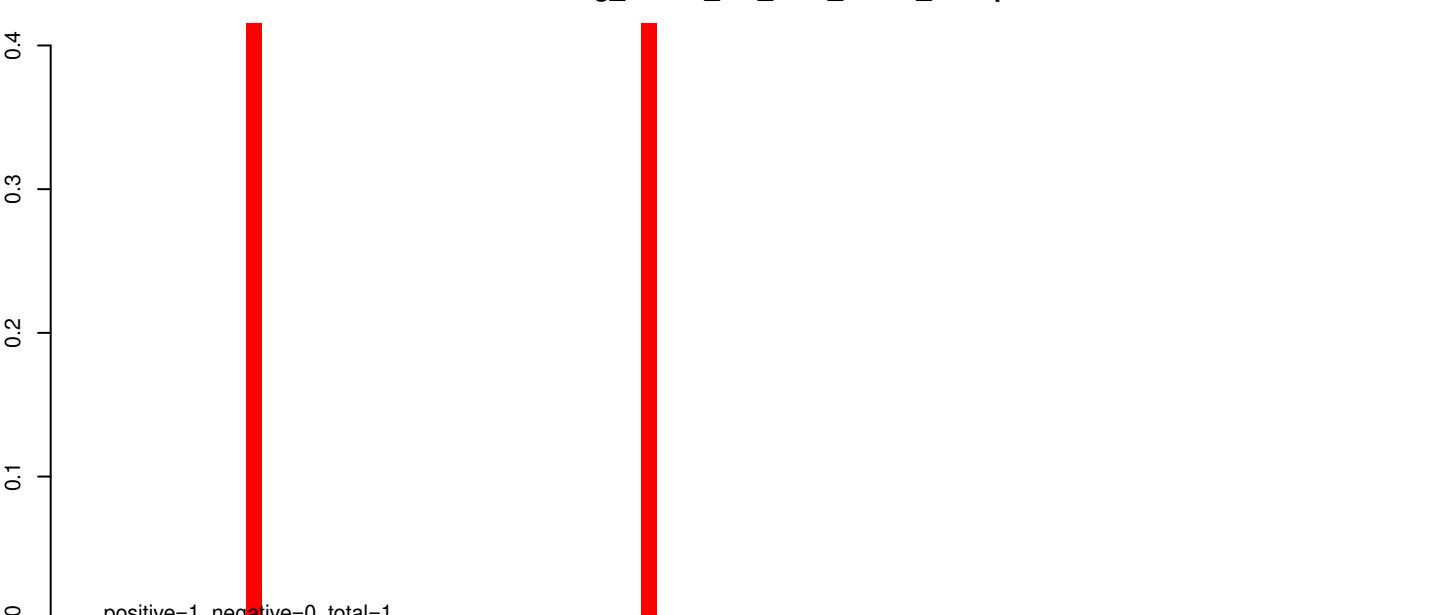
### AeAeg\_Whole\_sm\_r123\_JM.rep



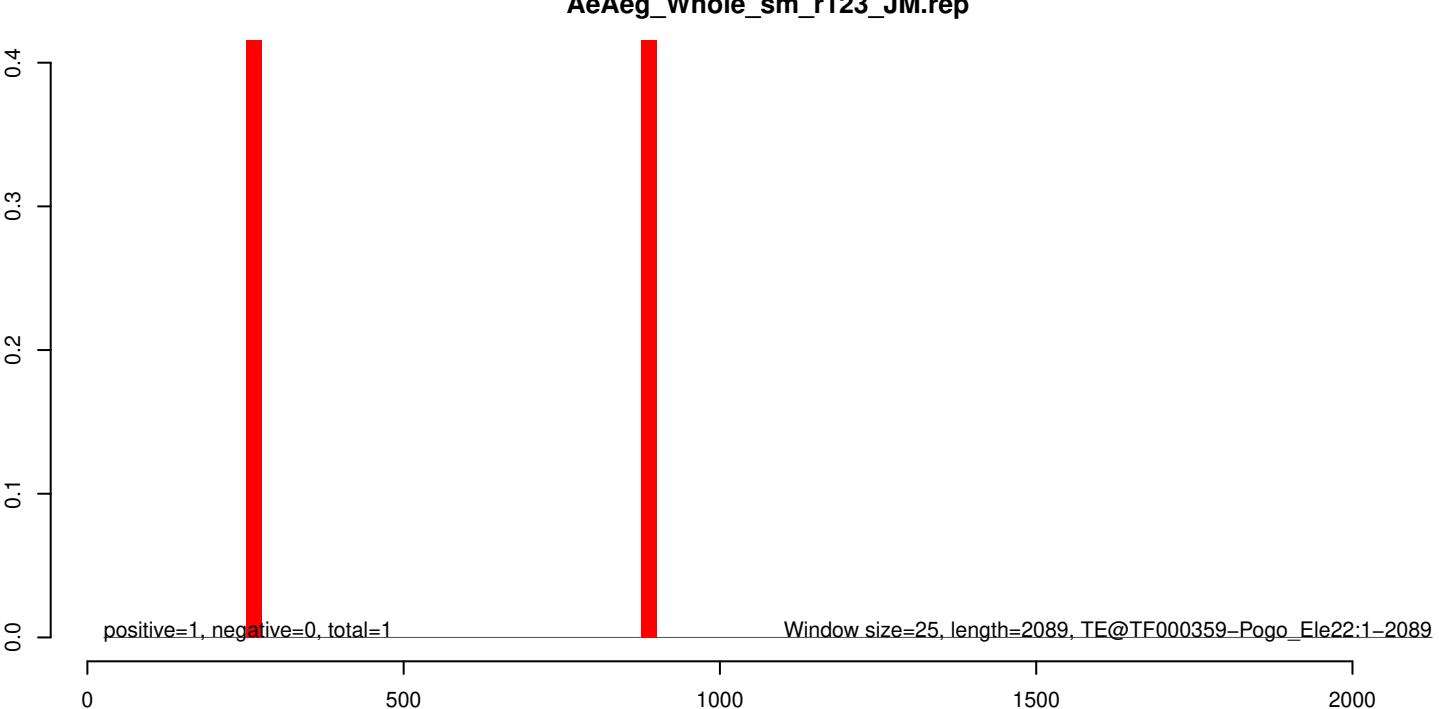
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



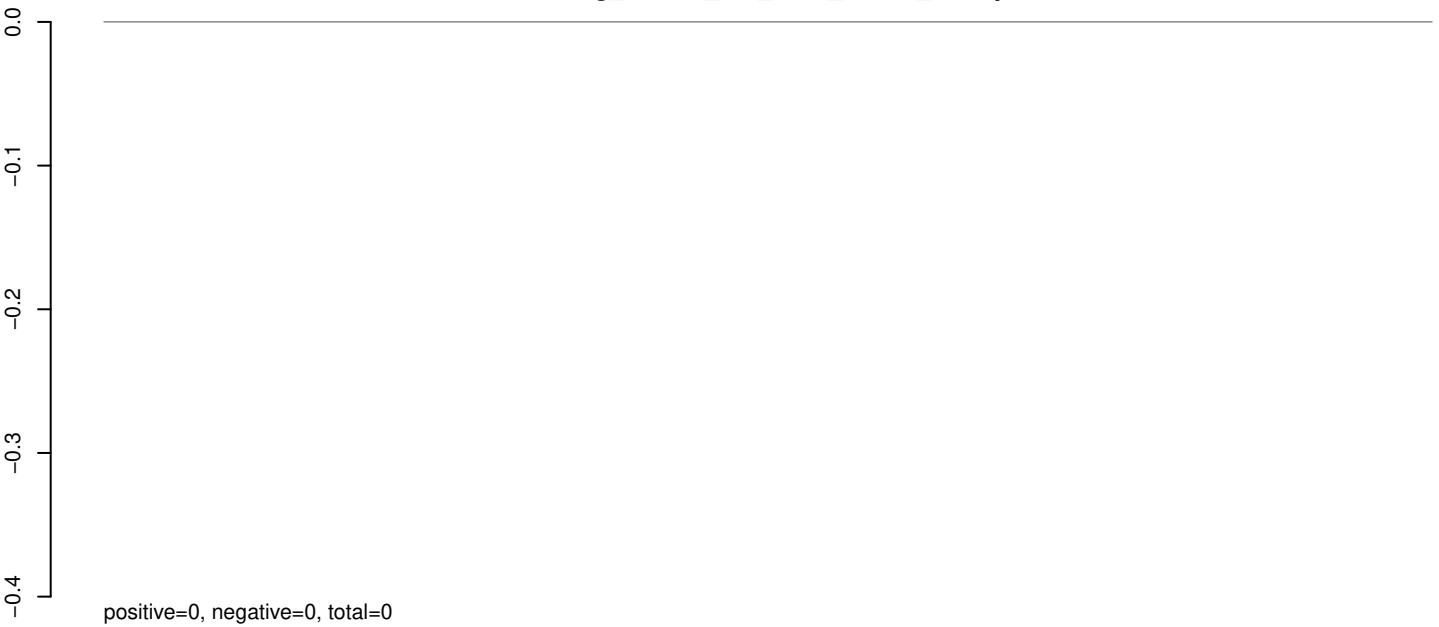
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



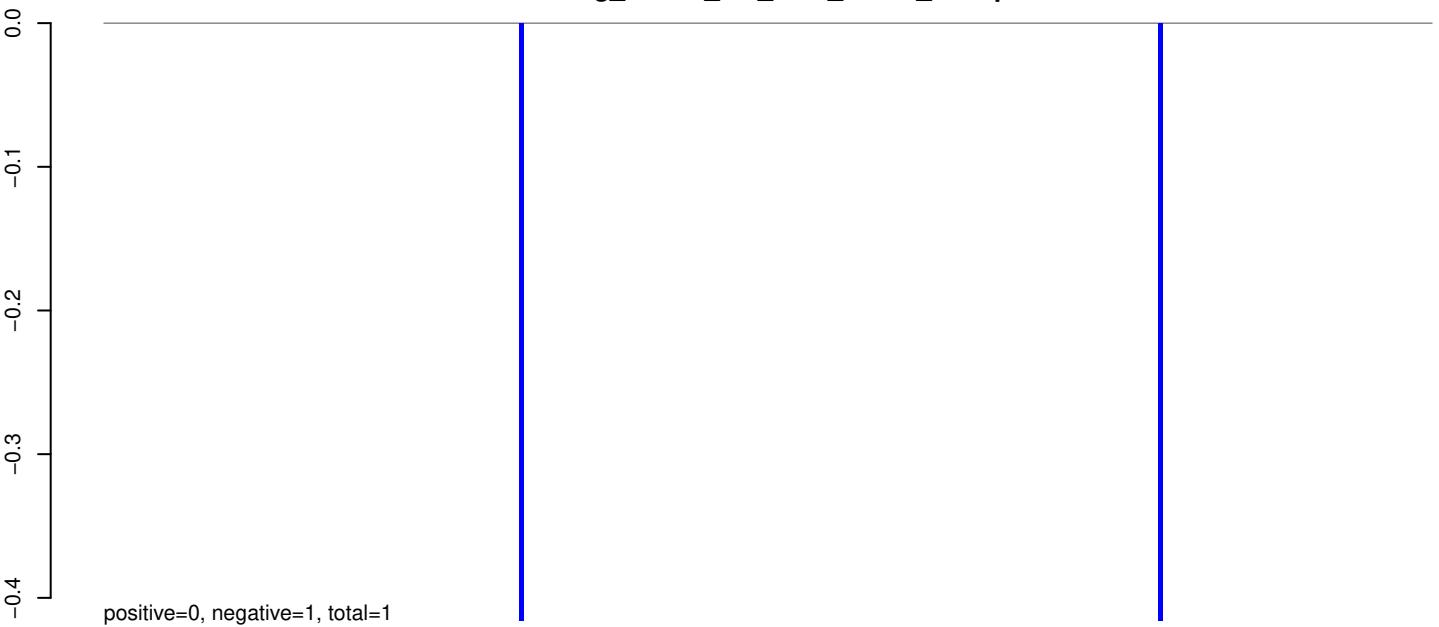
**AeAeg\_Whole\_sm\_r123\_JM.rep**



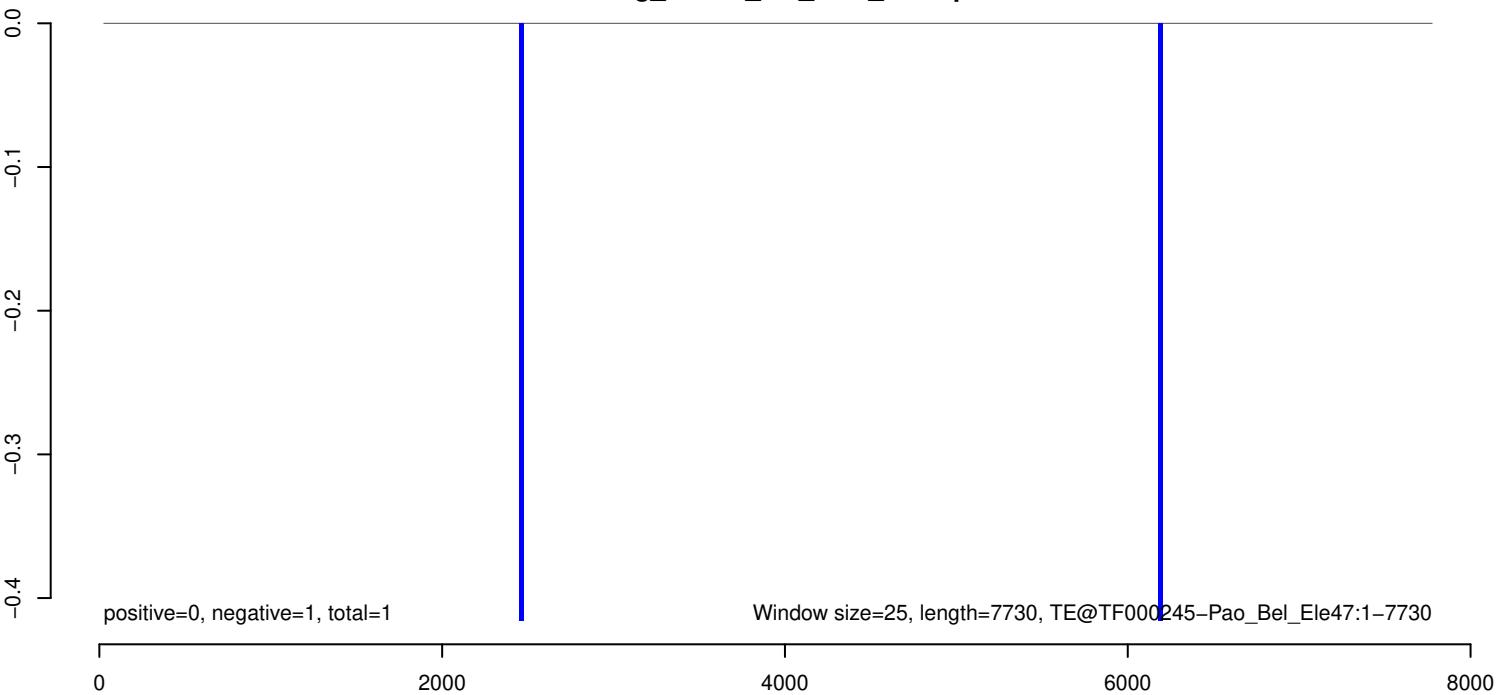
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



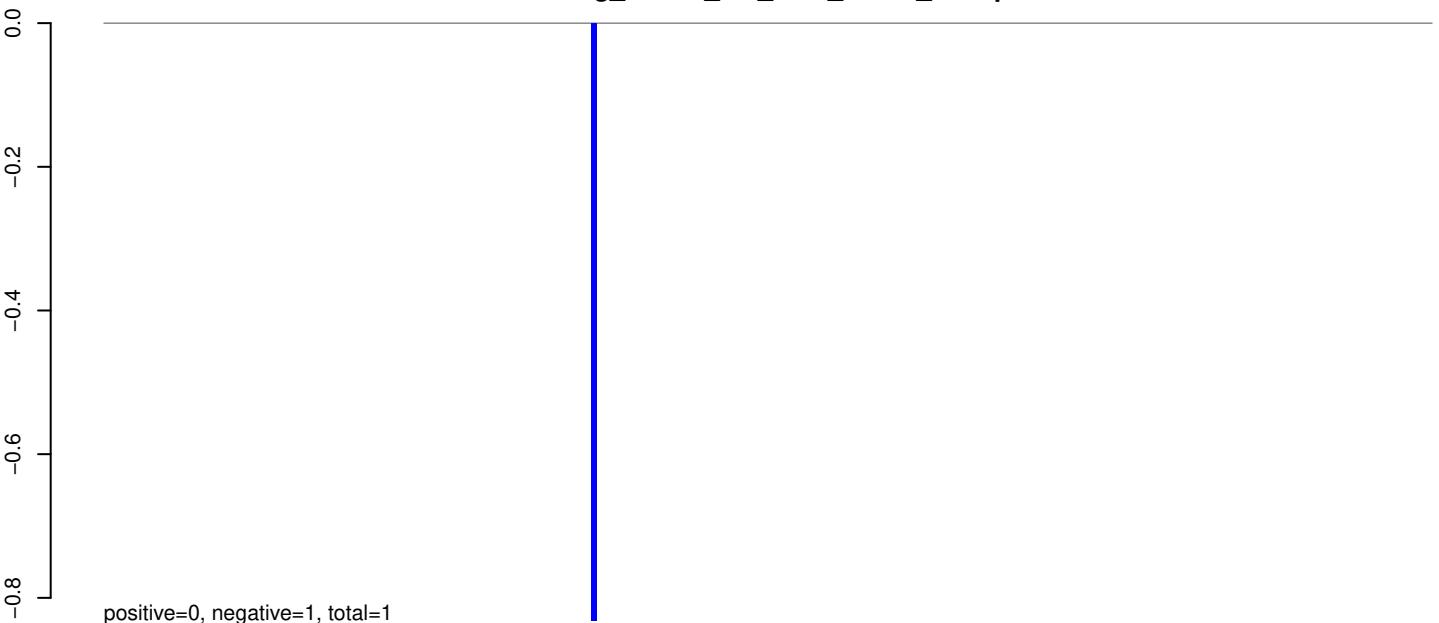
### AeAeg\_Whole\_sm\_r123\_JM.rep



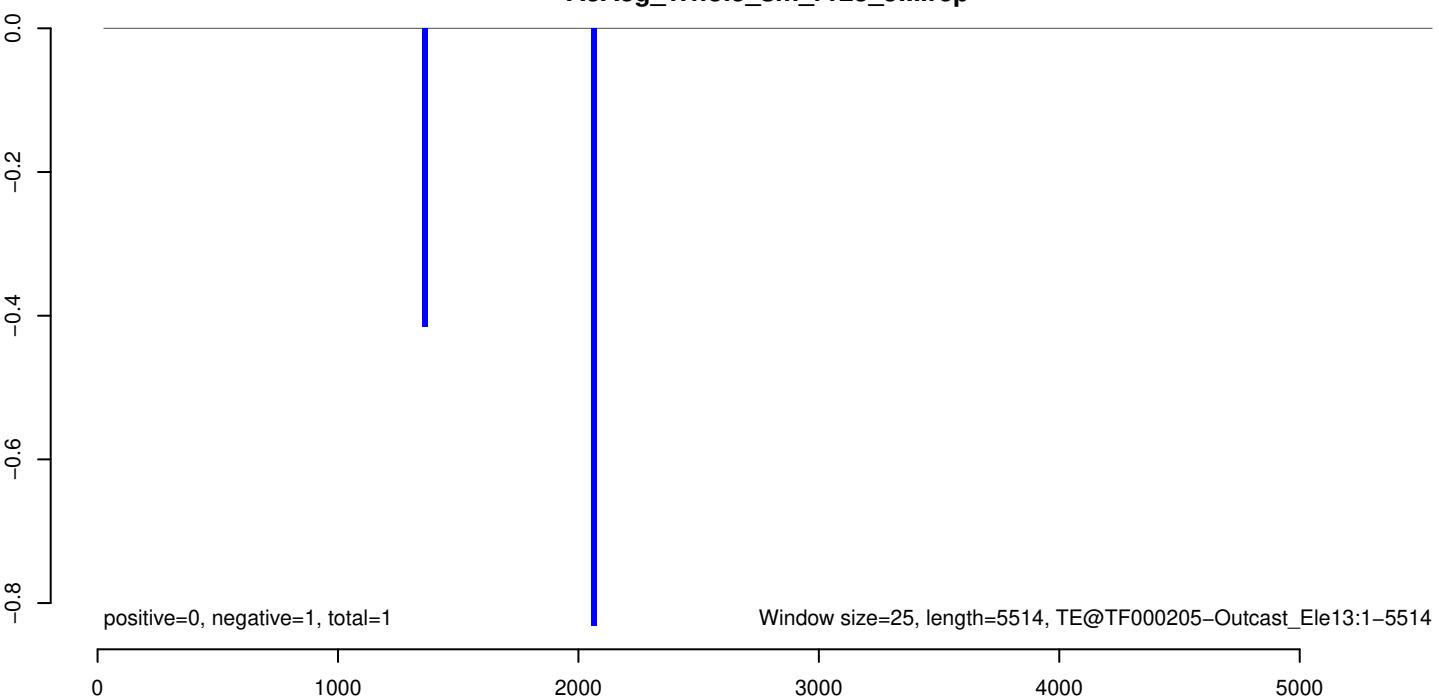
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



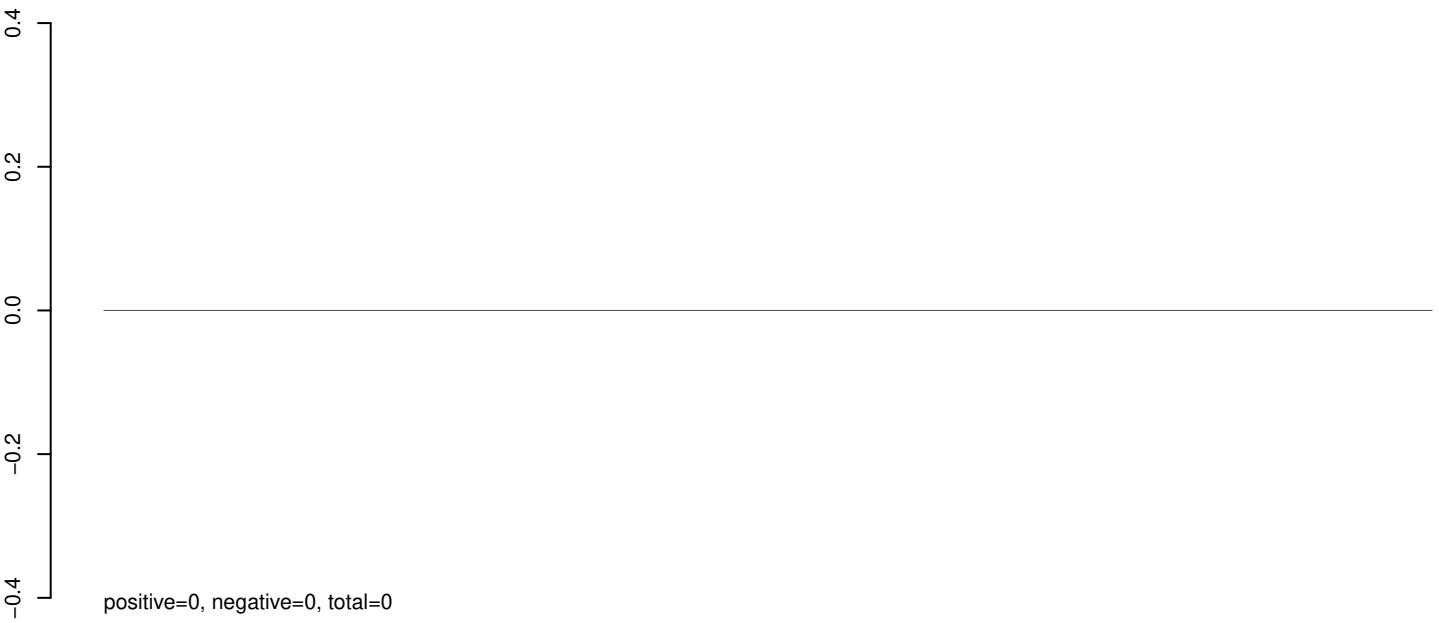
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



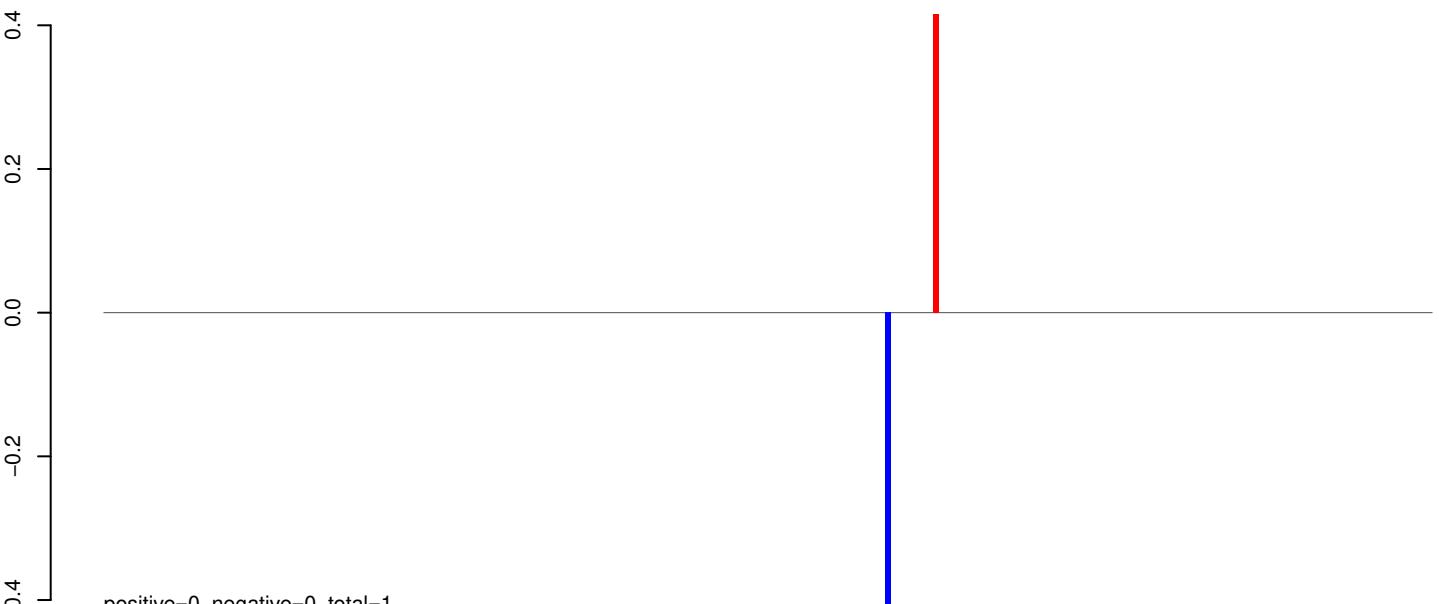
### AeAeg\_Whole\_sm\_r123\_JM.rep



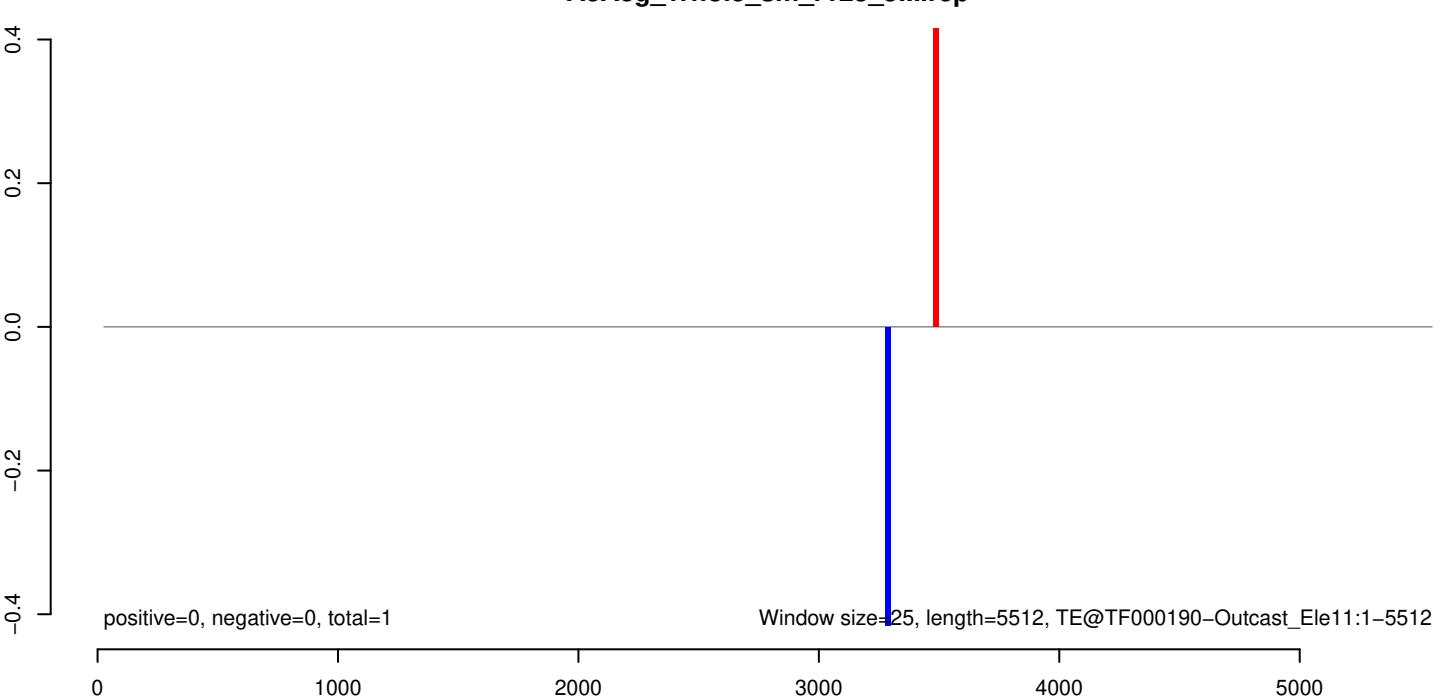
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



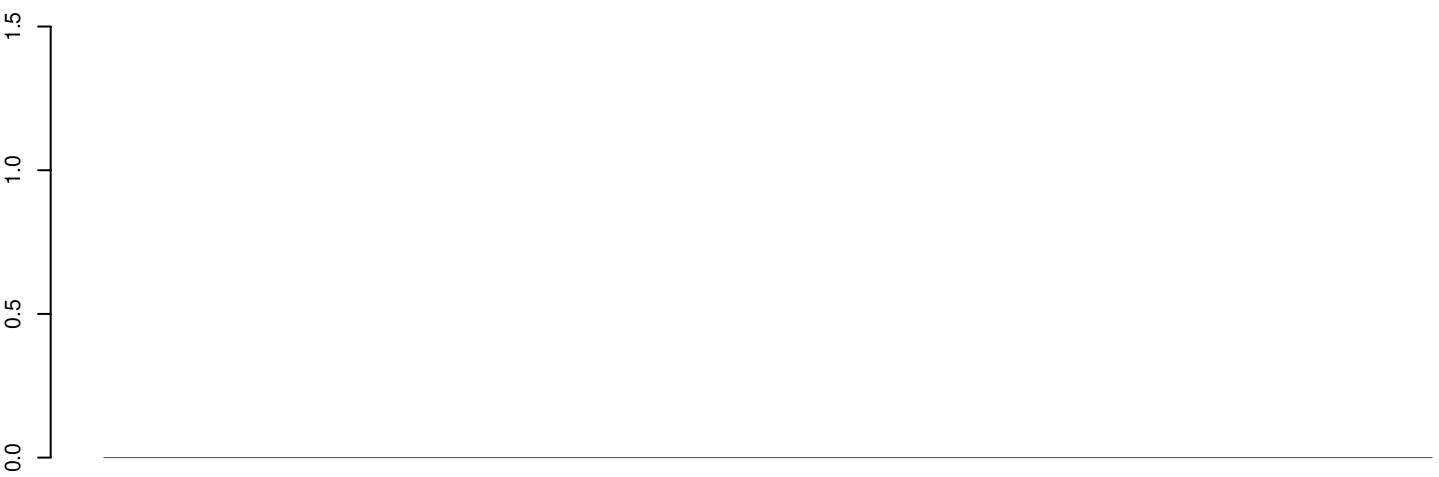
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

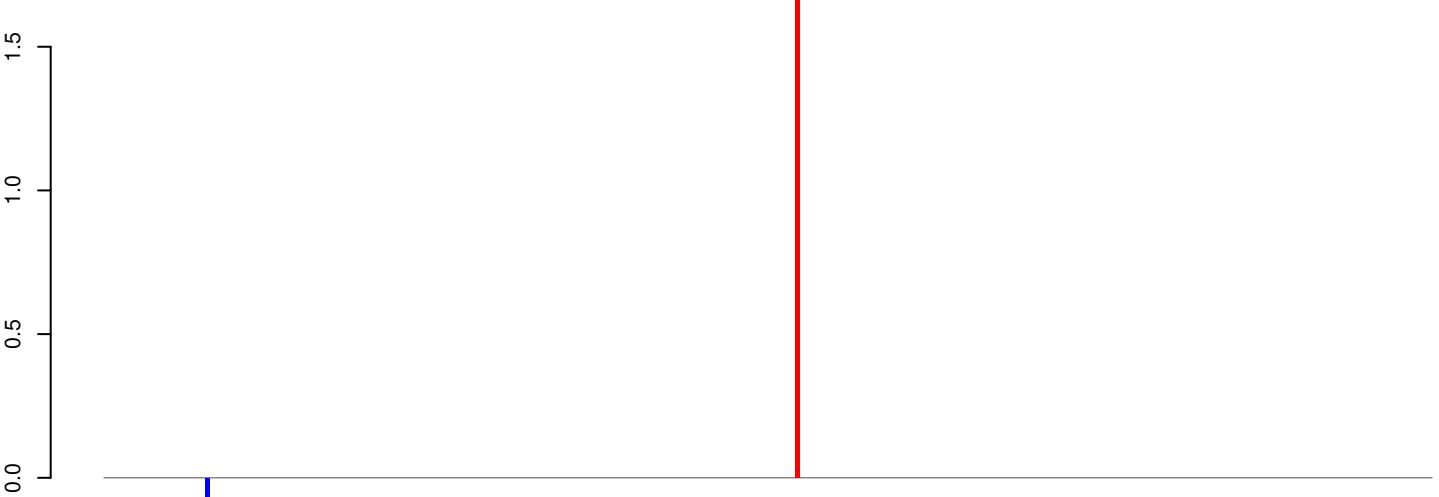


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



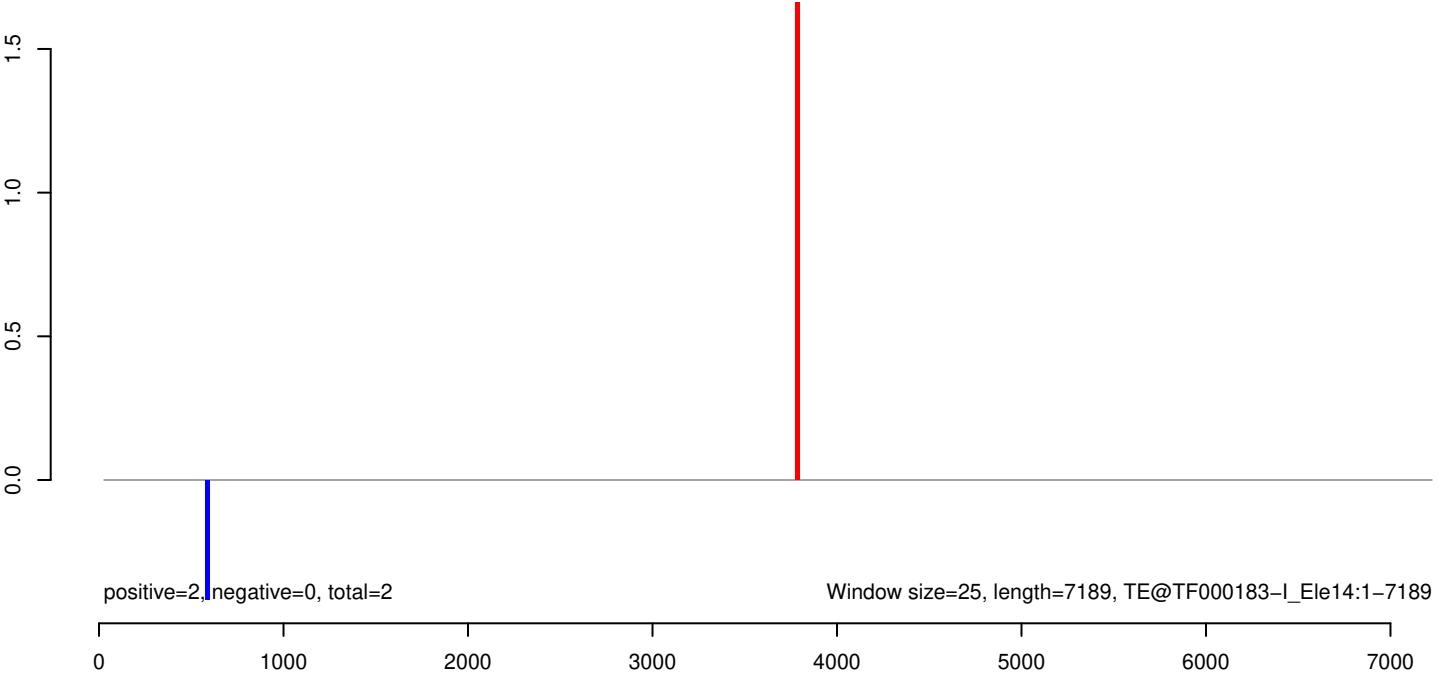
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=0, total=2

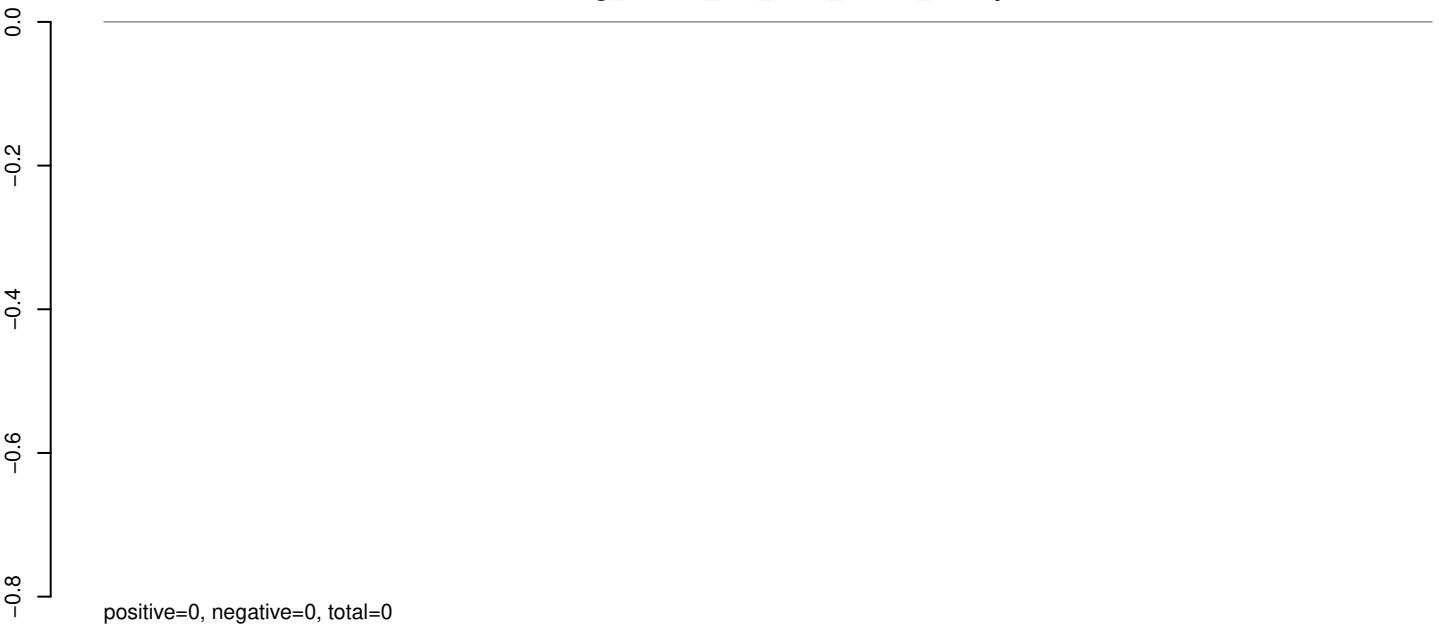
**AeAeg\_Whole\_sm\_r123\_JM.rep**



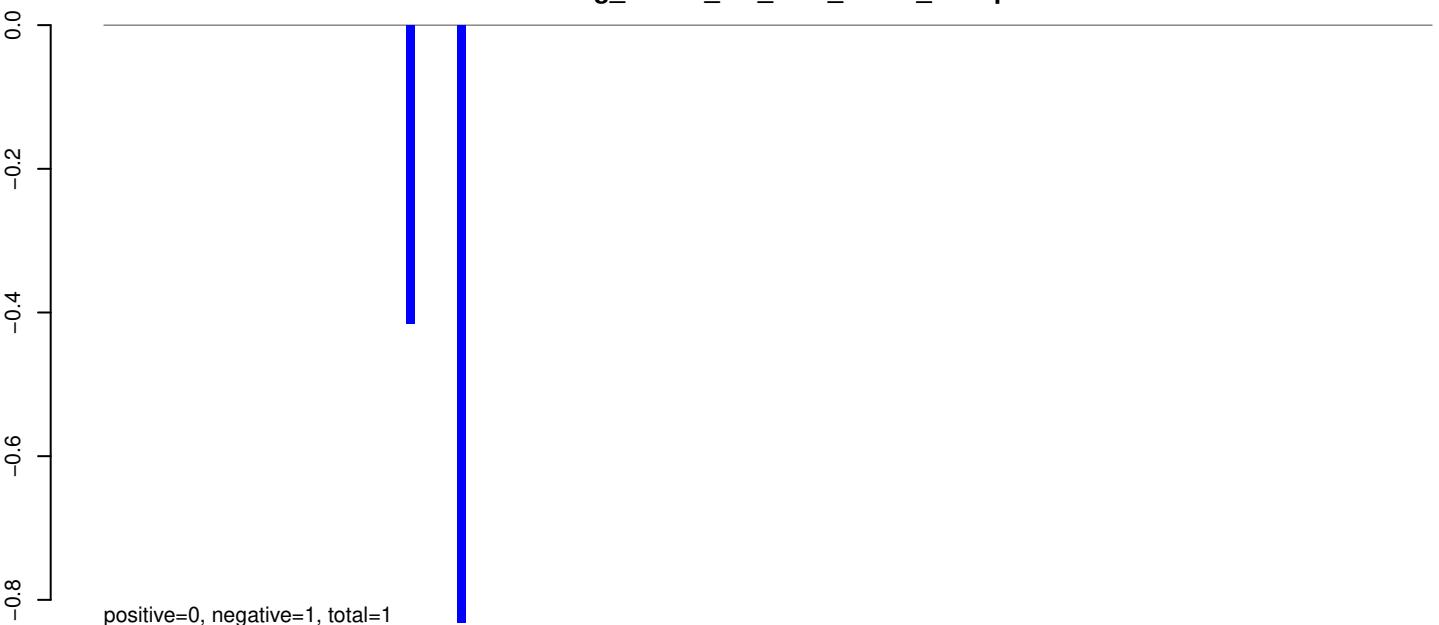
positive=2, negative=0, total=2

Window size=25, length=7189, TE@TF000183-l\_Ele14:1-7189

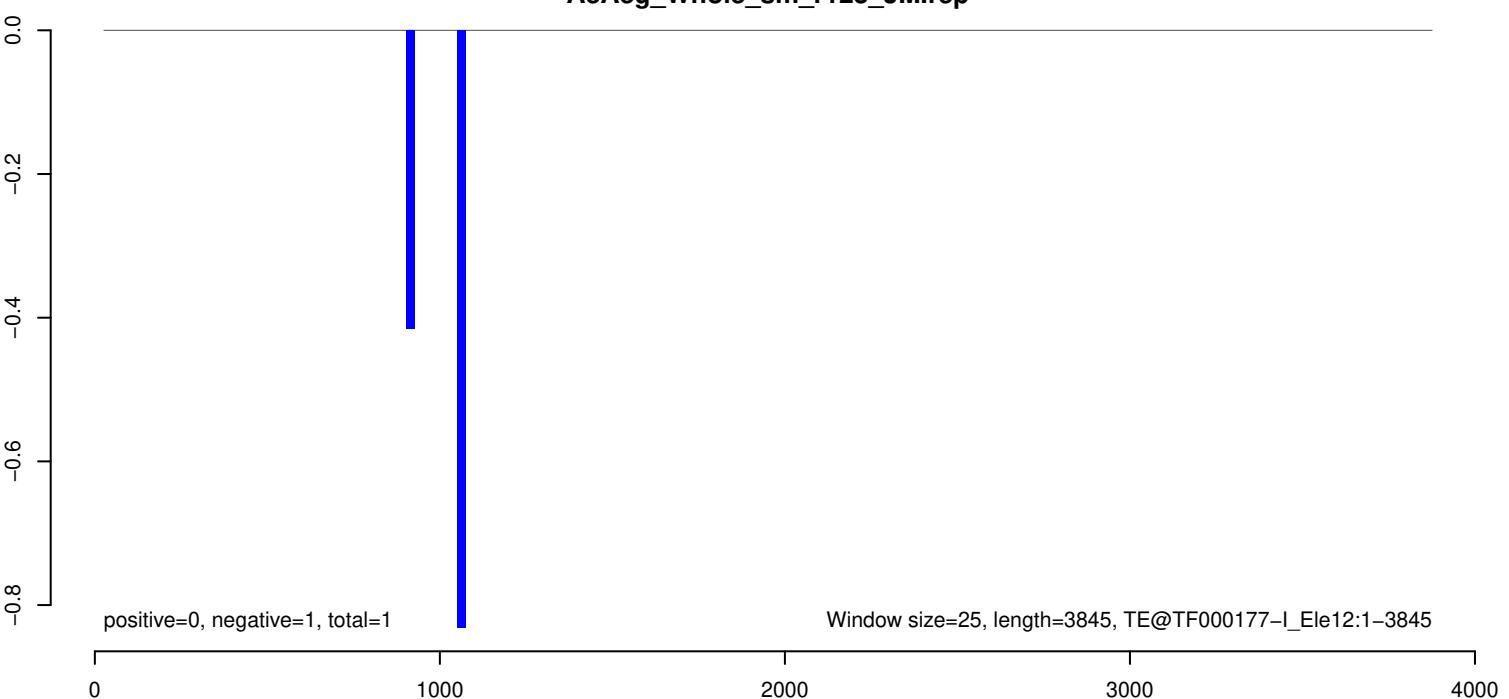
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



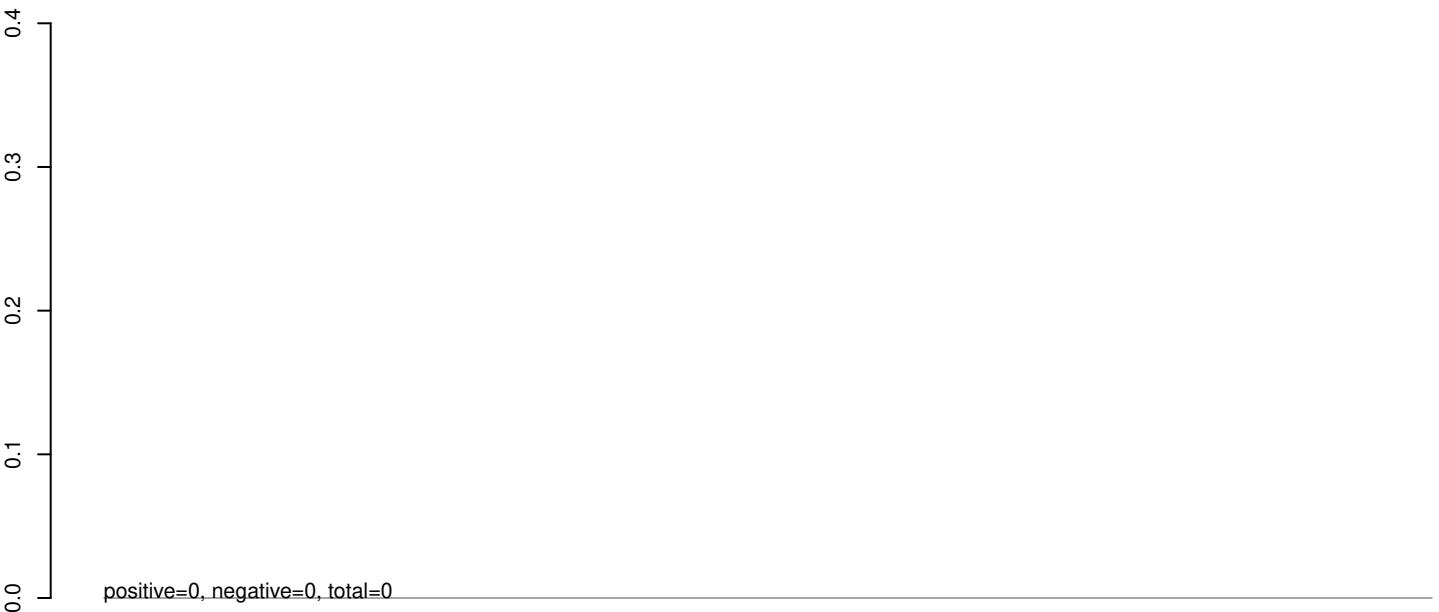
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



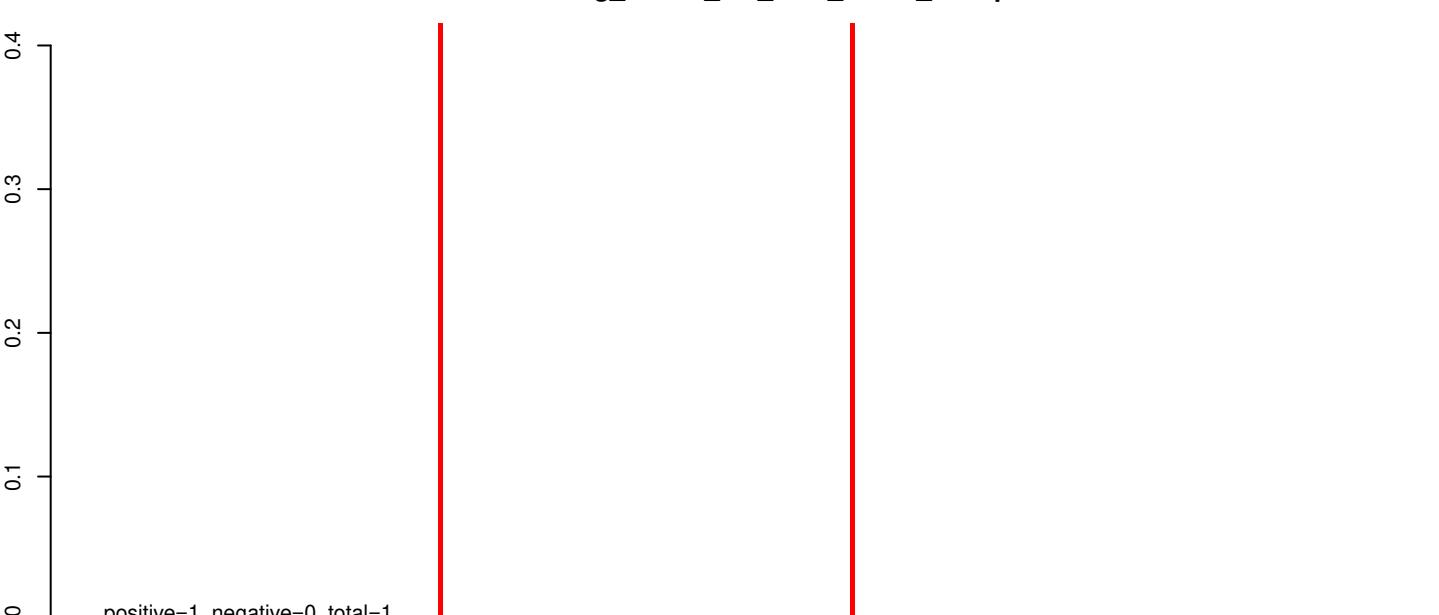
### AeAeg\_Whole\_sm\_r123\_JM.rep



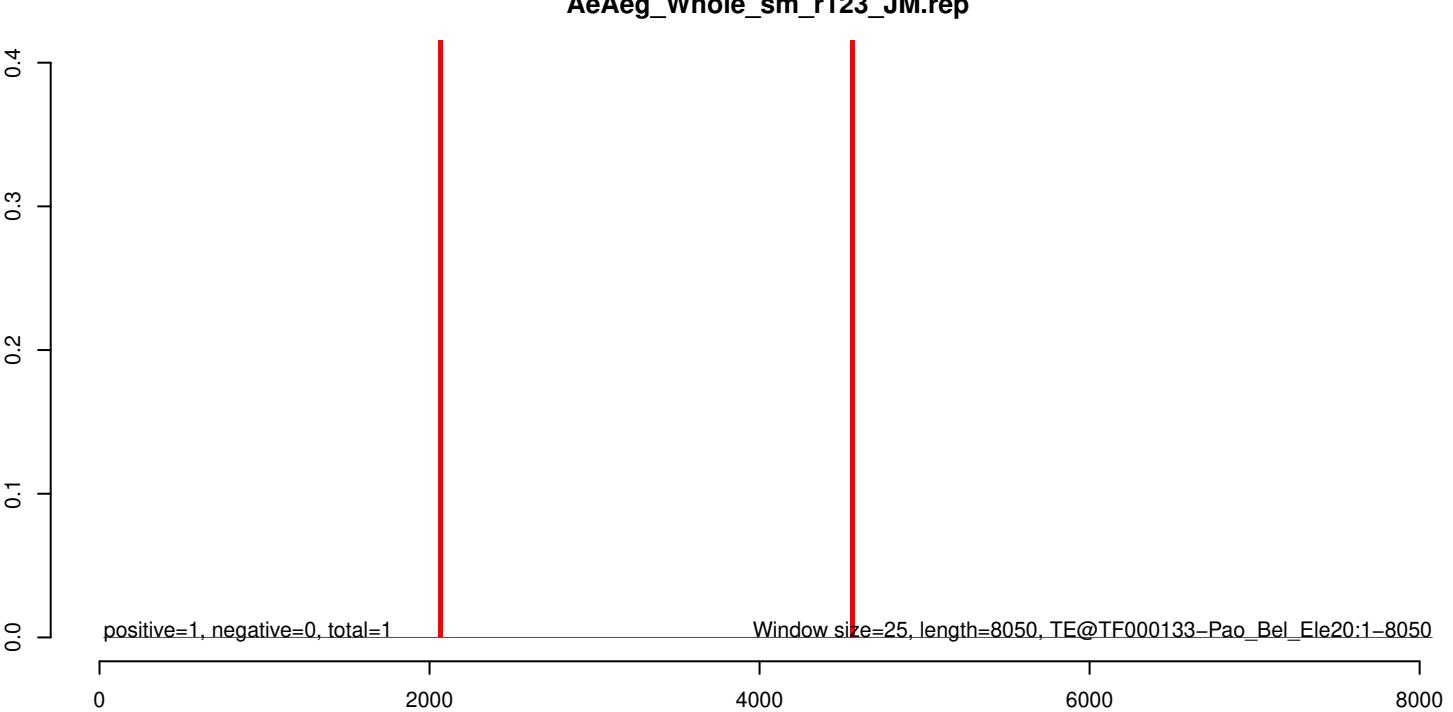
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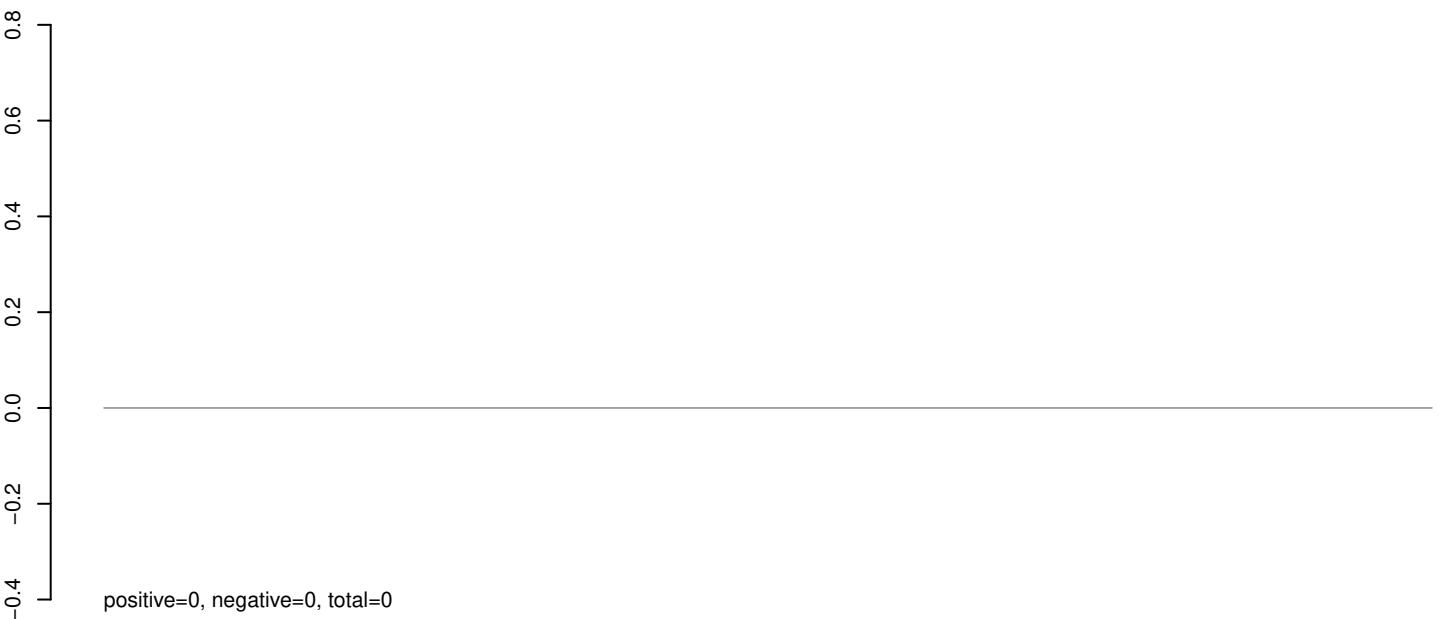
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



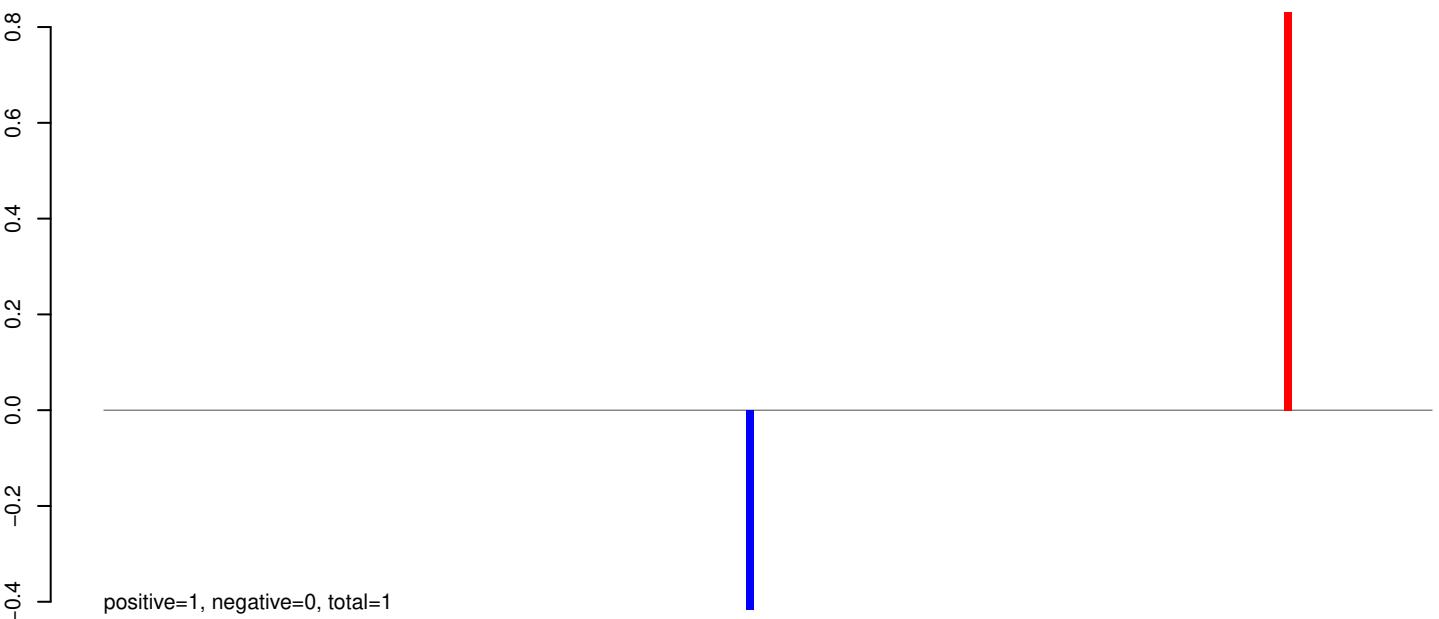
### AeAeg\_Whole\_sm\_r123\_JM.rep



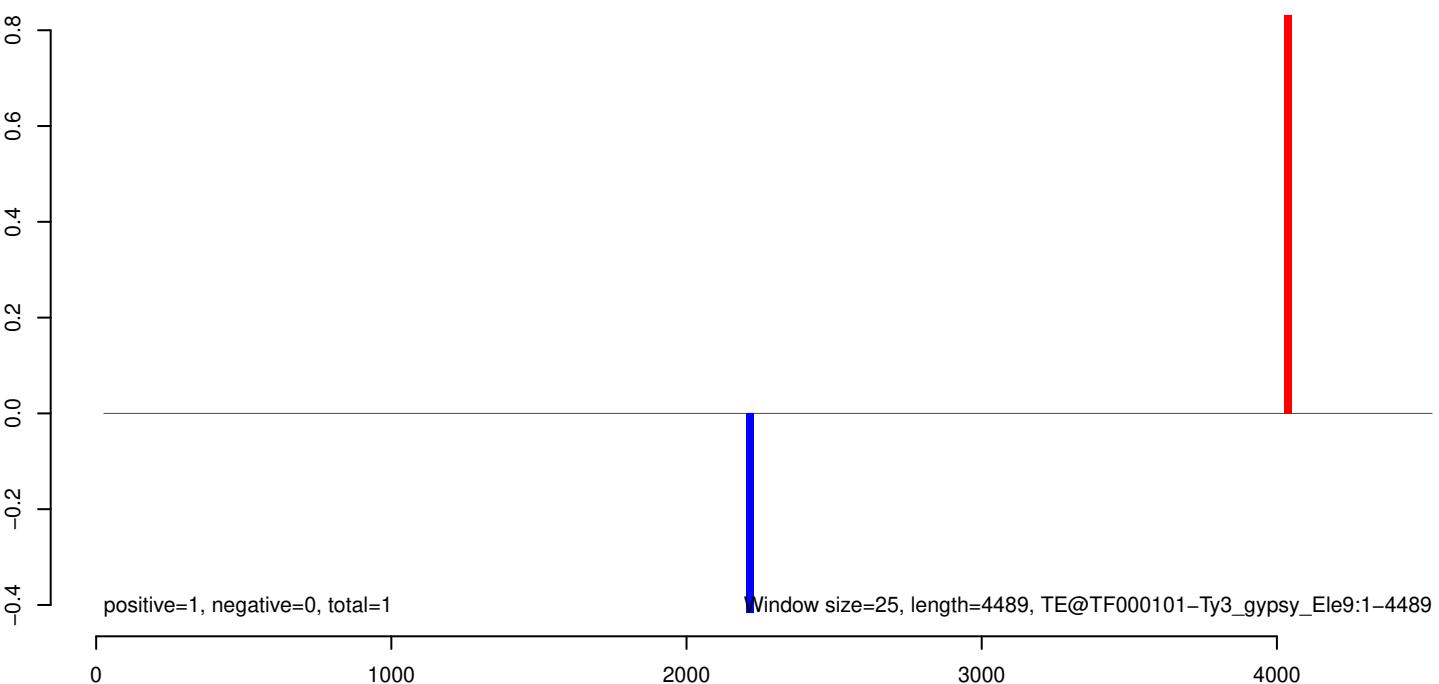
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

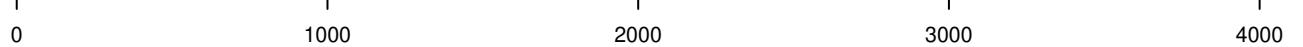
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=1, negative=0, total=1

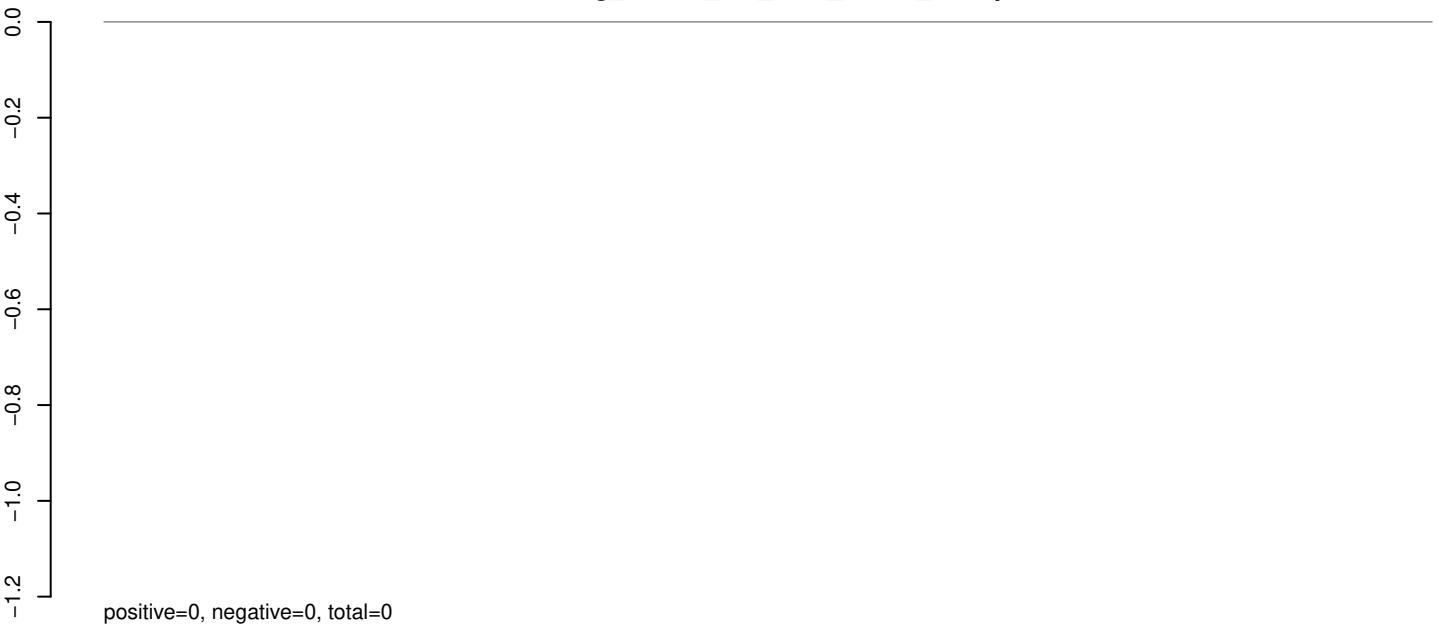
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=1, negative=0, total=1

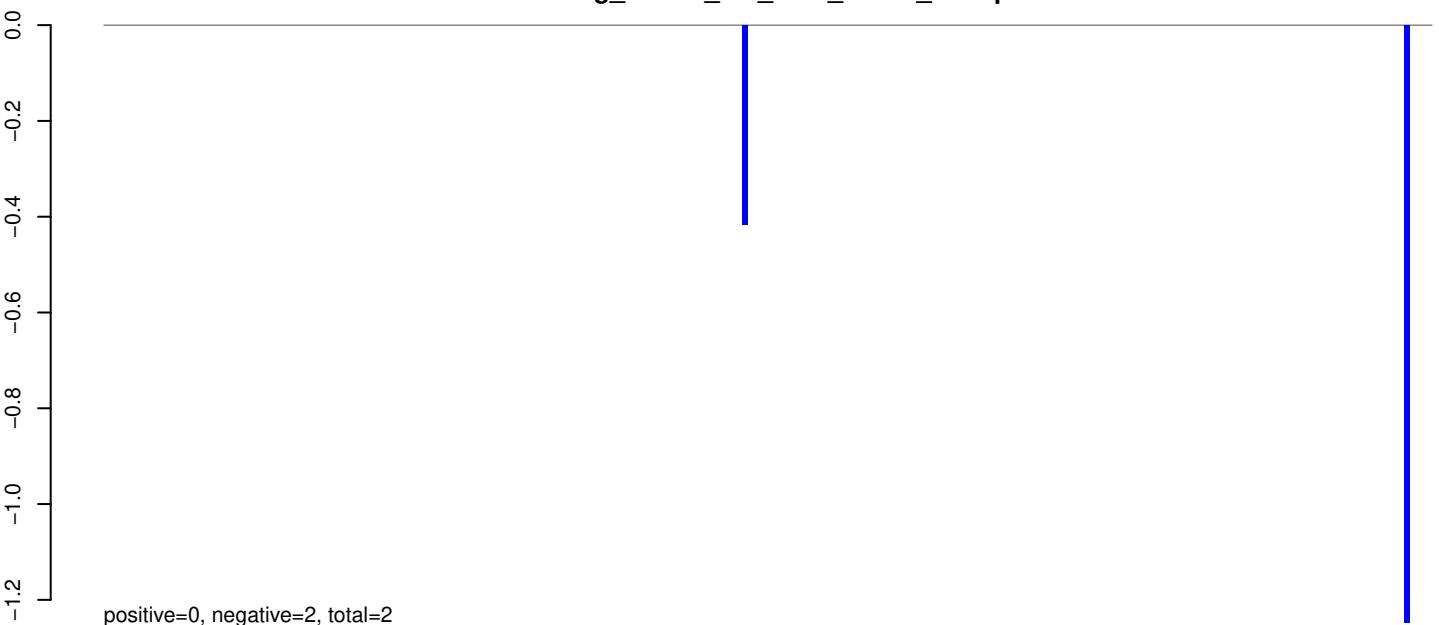
Window size=25, length=4254, TE@TF000064-L2\_Ele4:1-4254



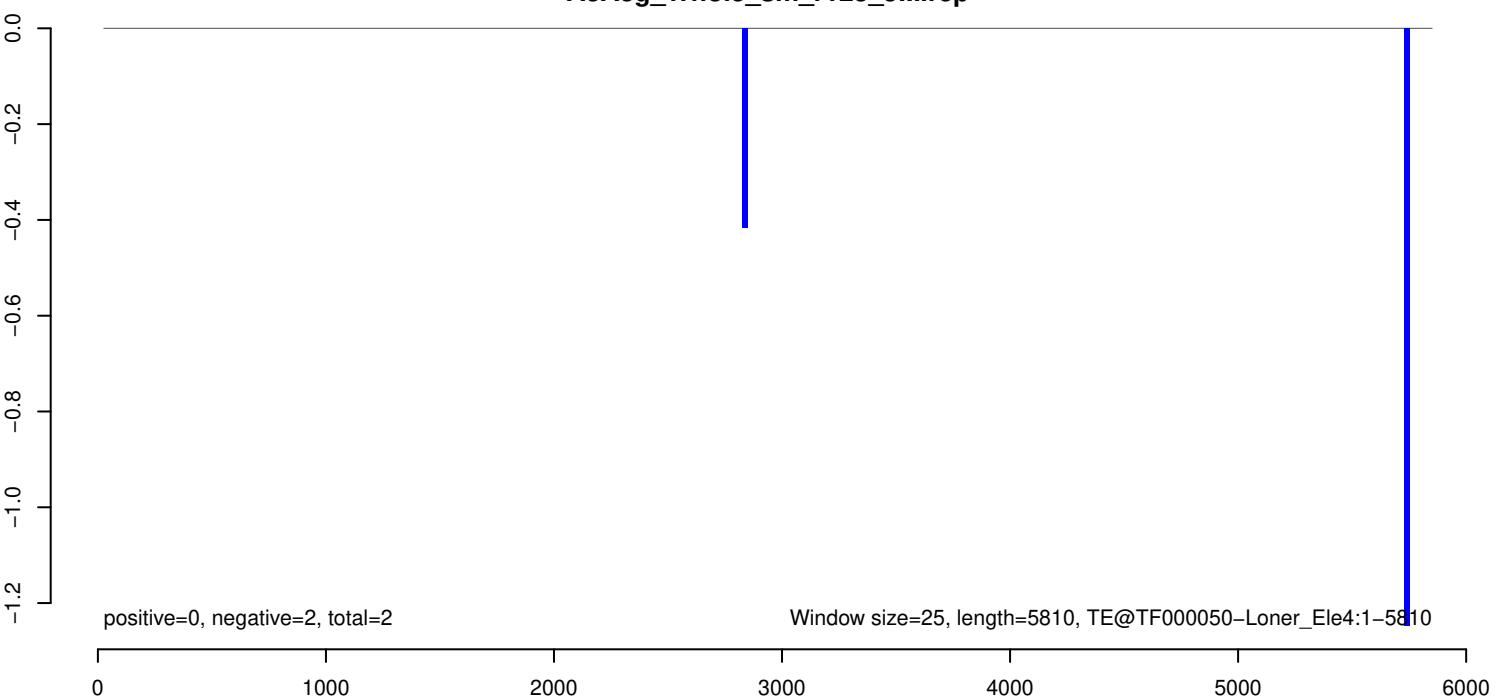
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



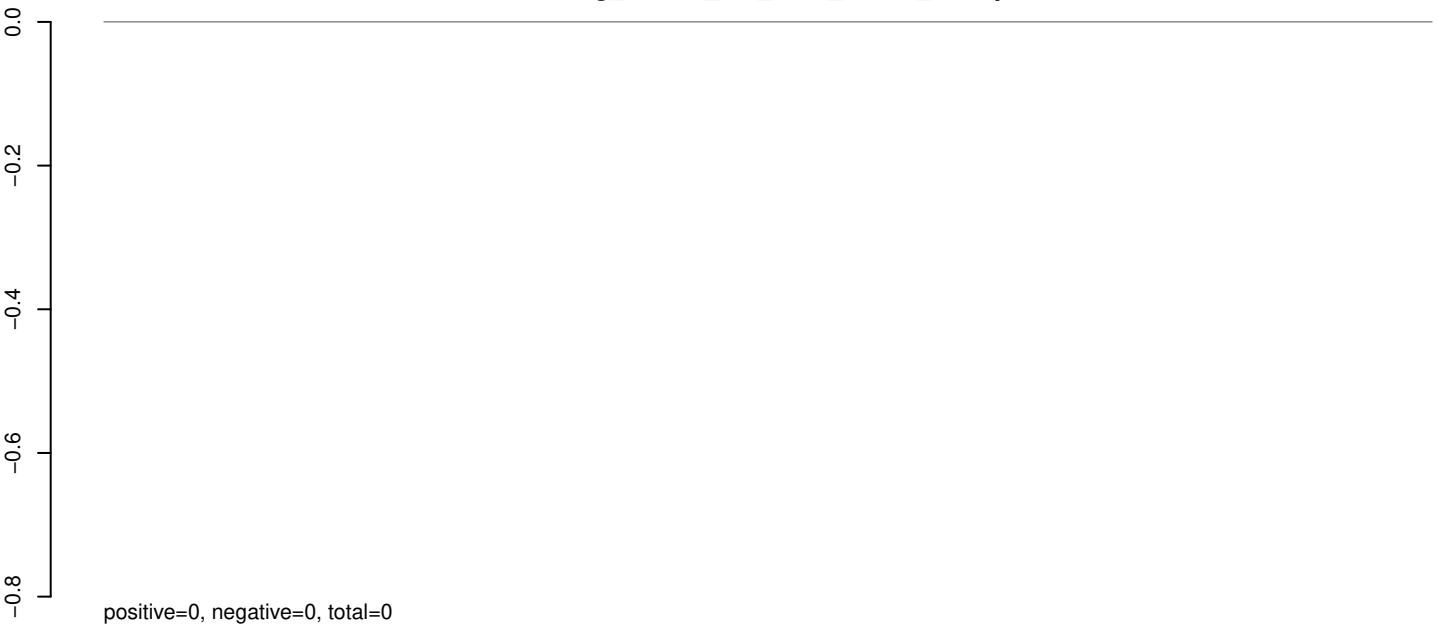
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



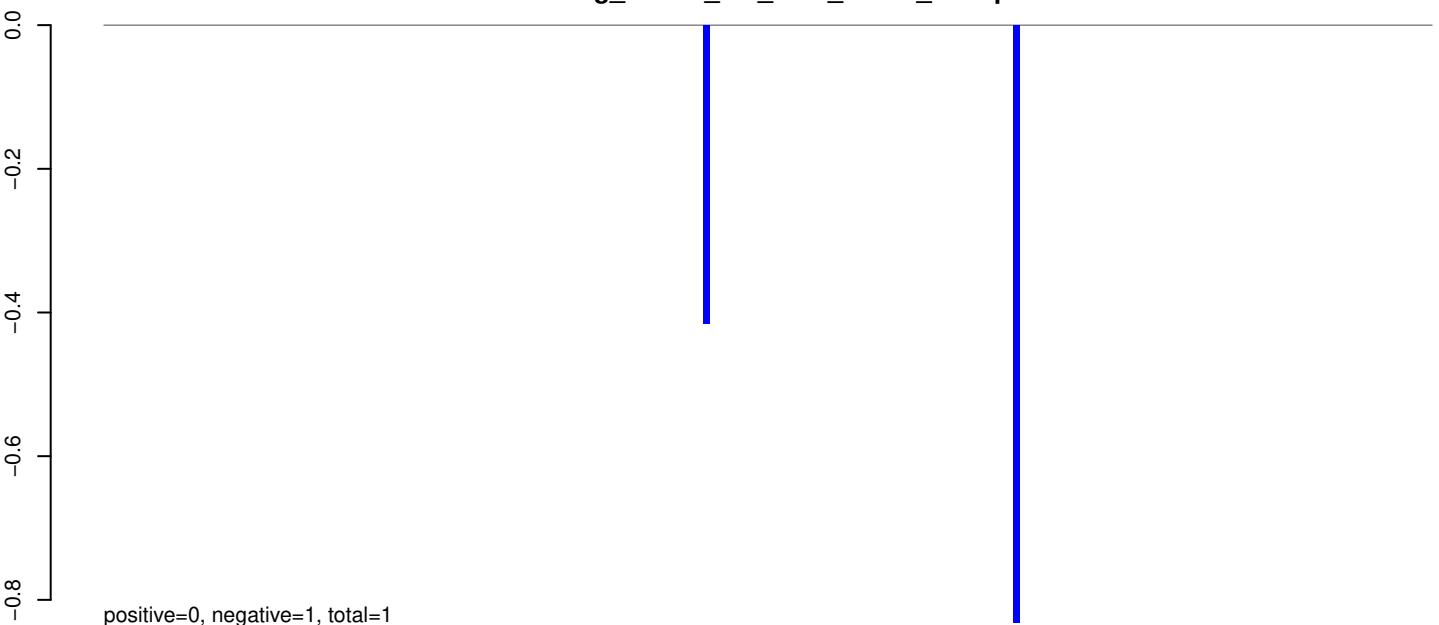
### AeAeg\_Whole\_sm\_r123\_JM.rep



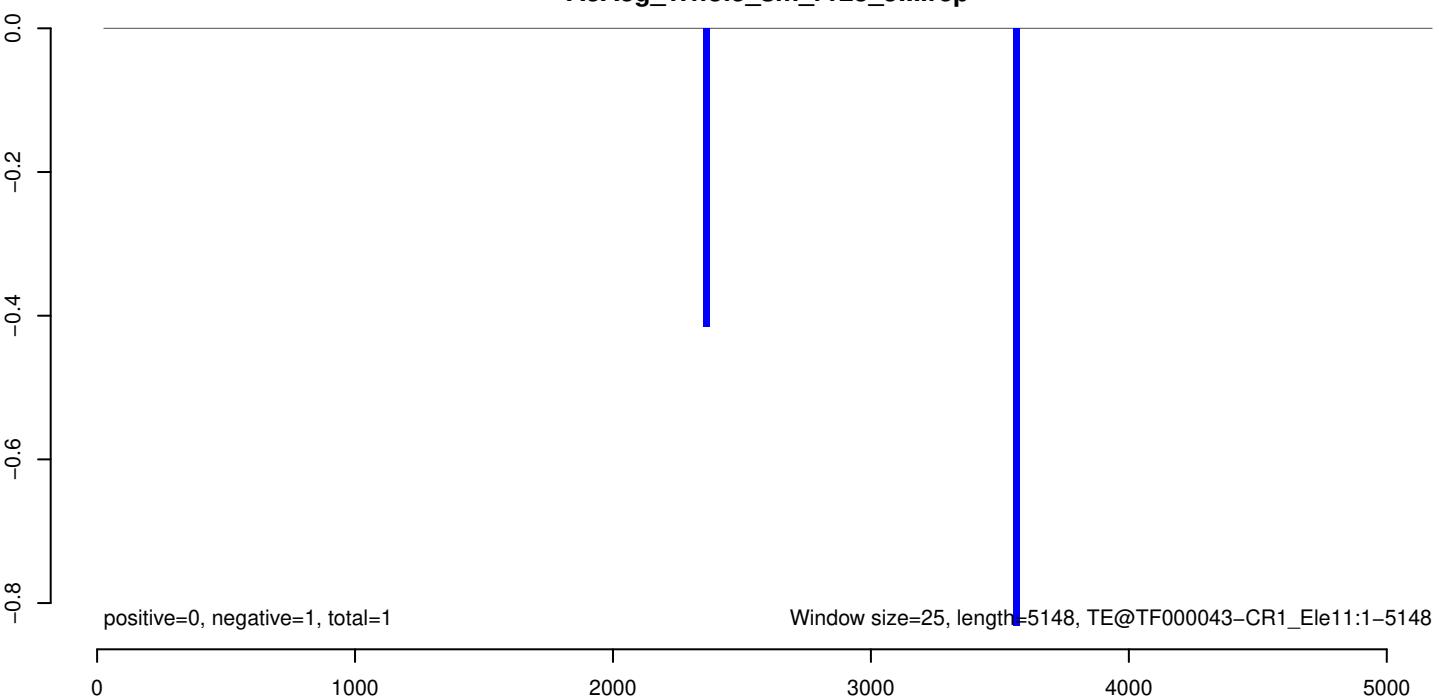
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



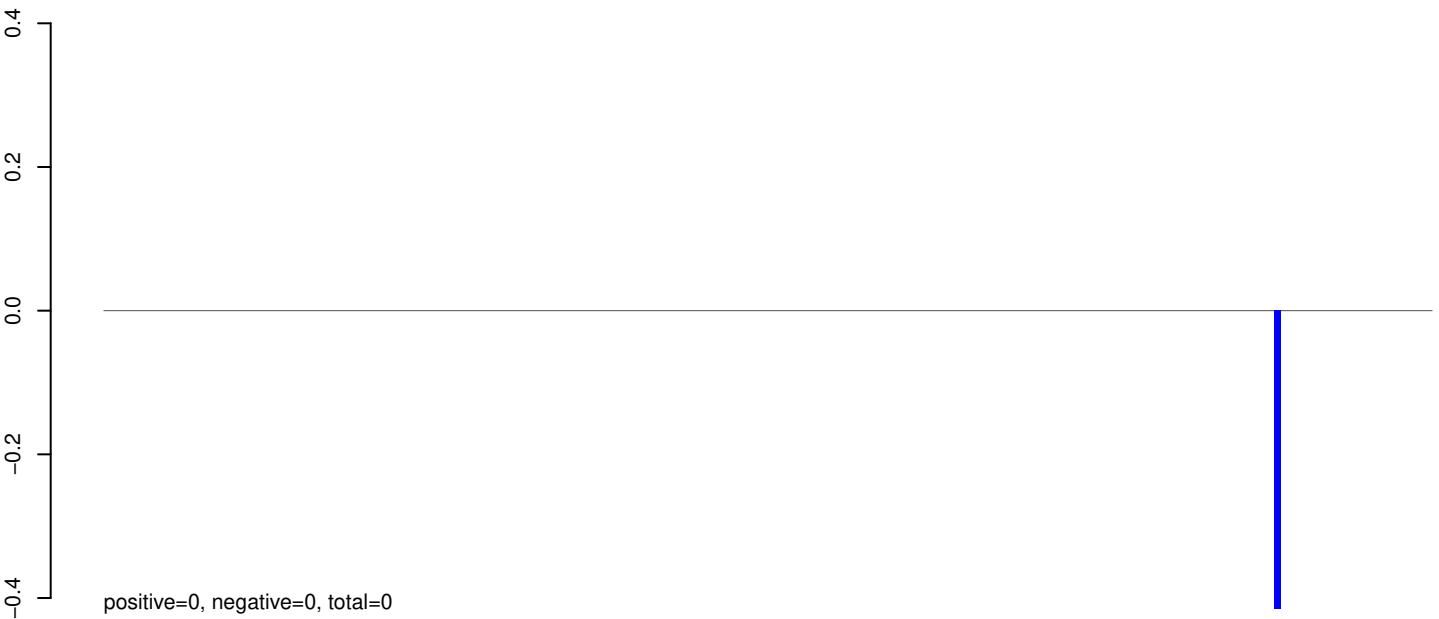
### AeAeg\_Whole\_sm\_r123\_JM.rep



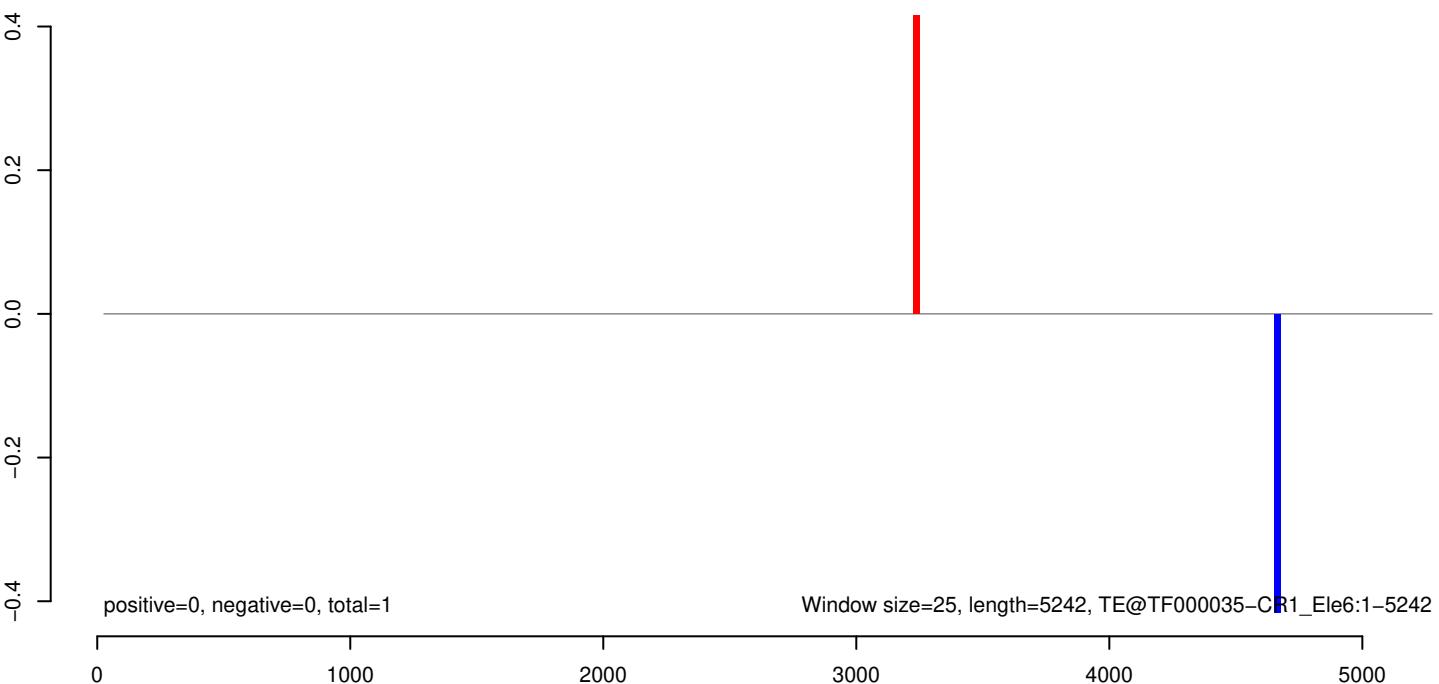
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



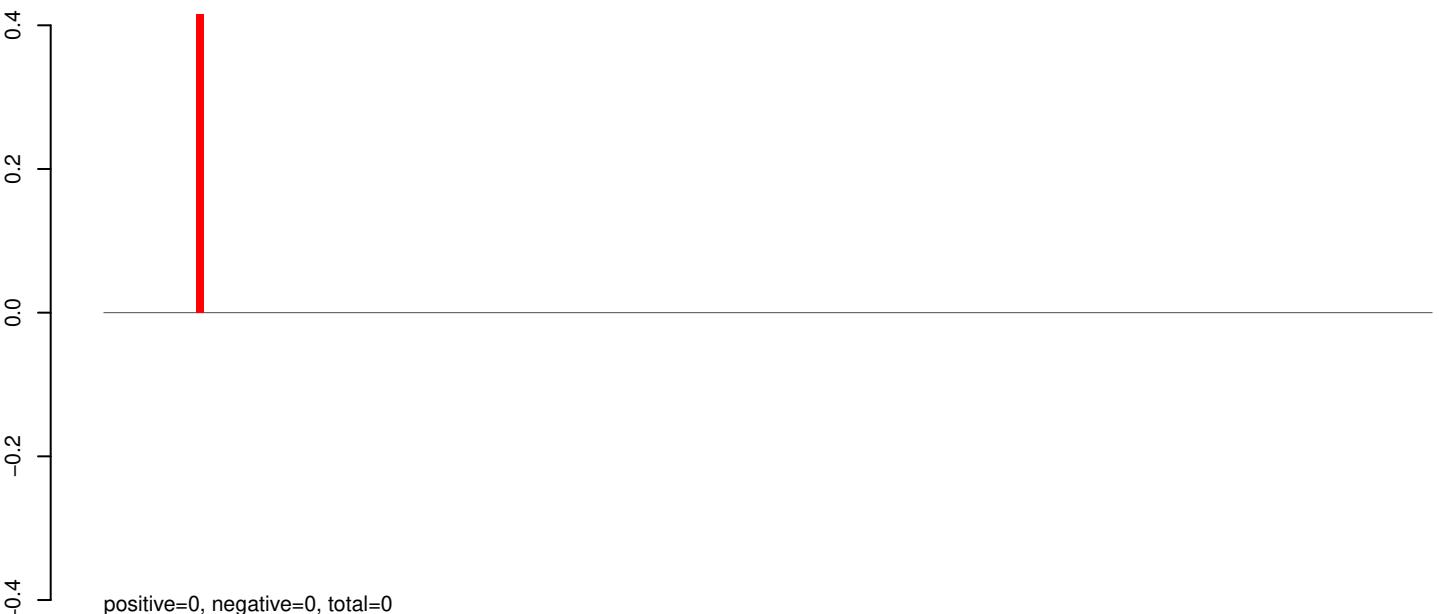
### AeAeg\_Whole\_sm\_r123\_JM.rep



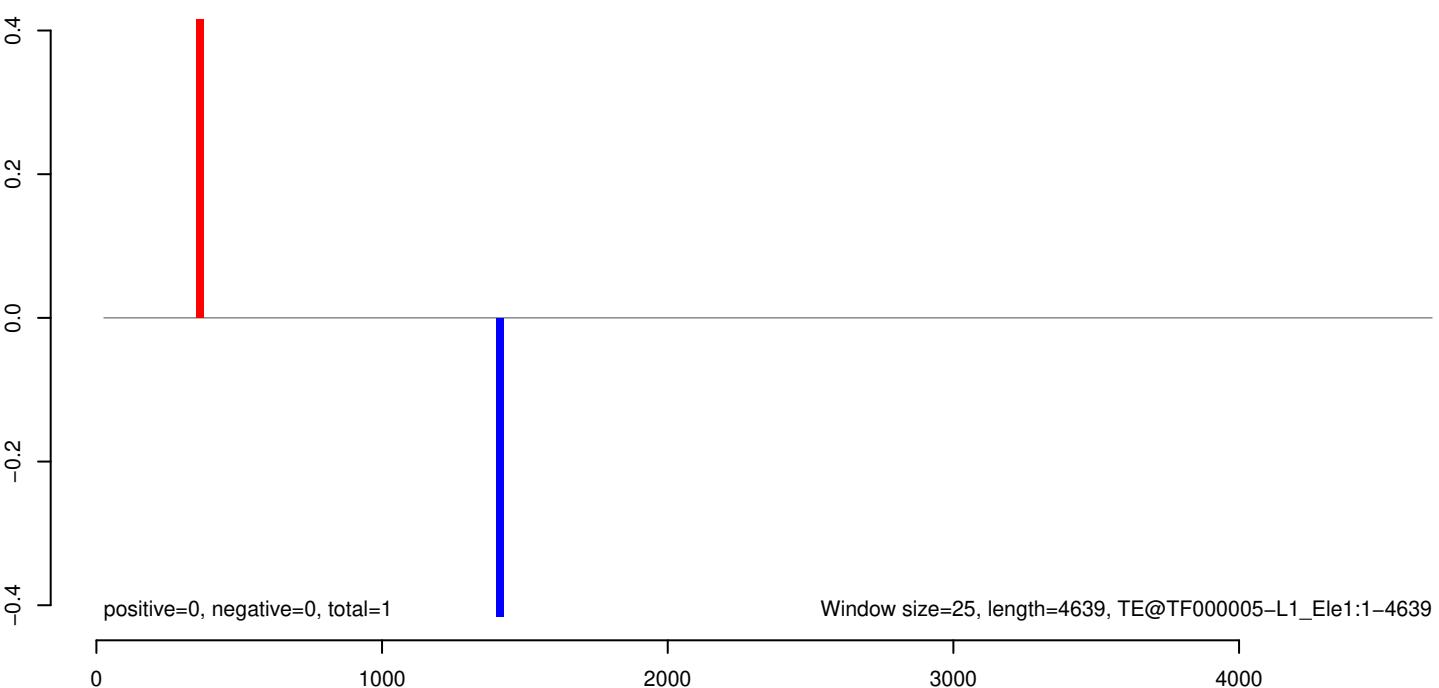
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



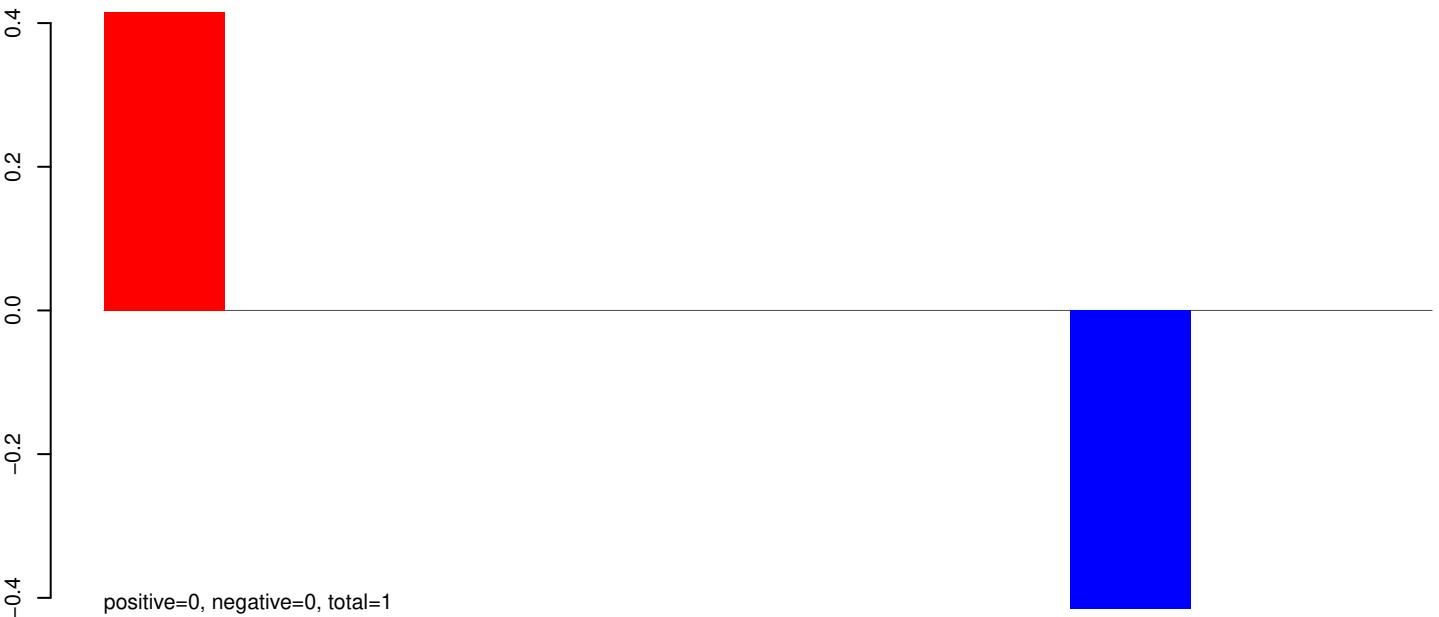
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



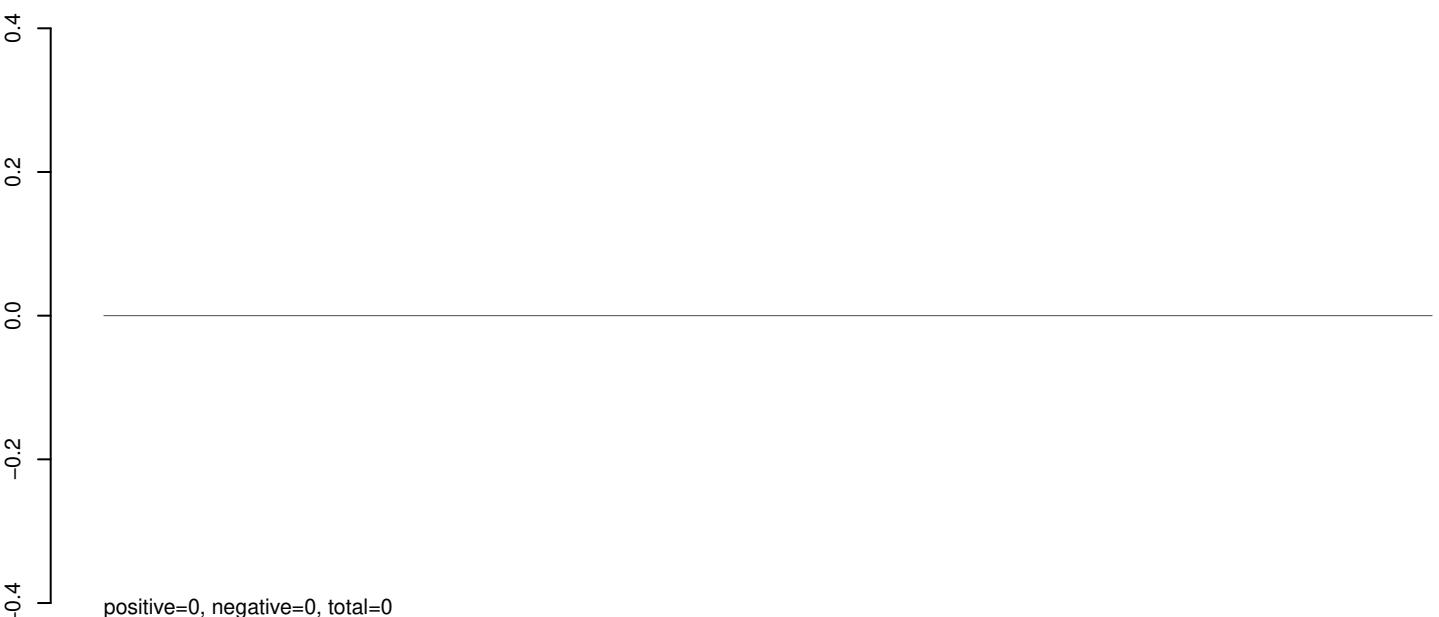
### AeAeg\_Whole\_sm\_r123\_JM.rep



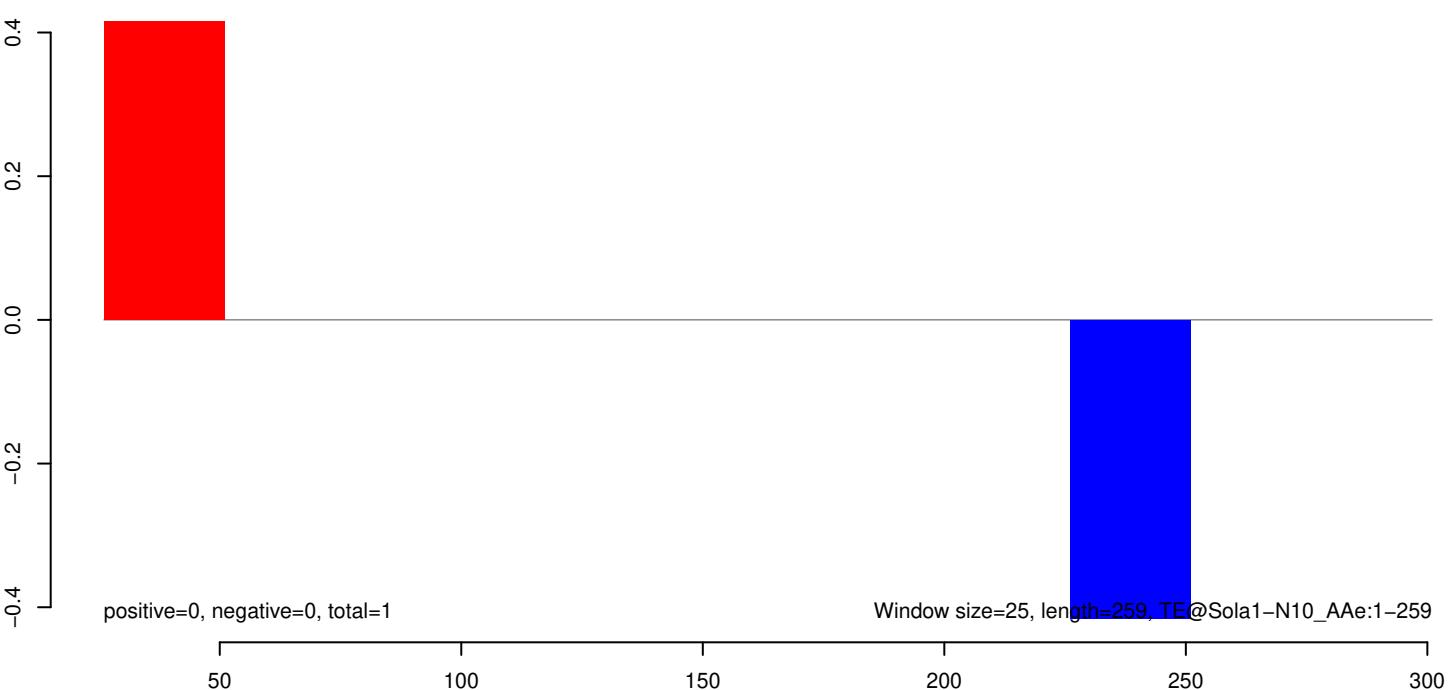
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=4, total=4

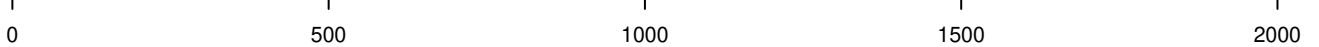


### AeAeg\_Whole\_sm\_r123\_JM.rep

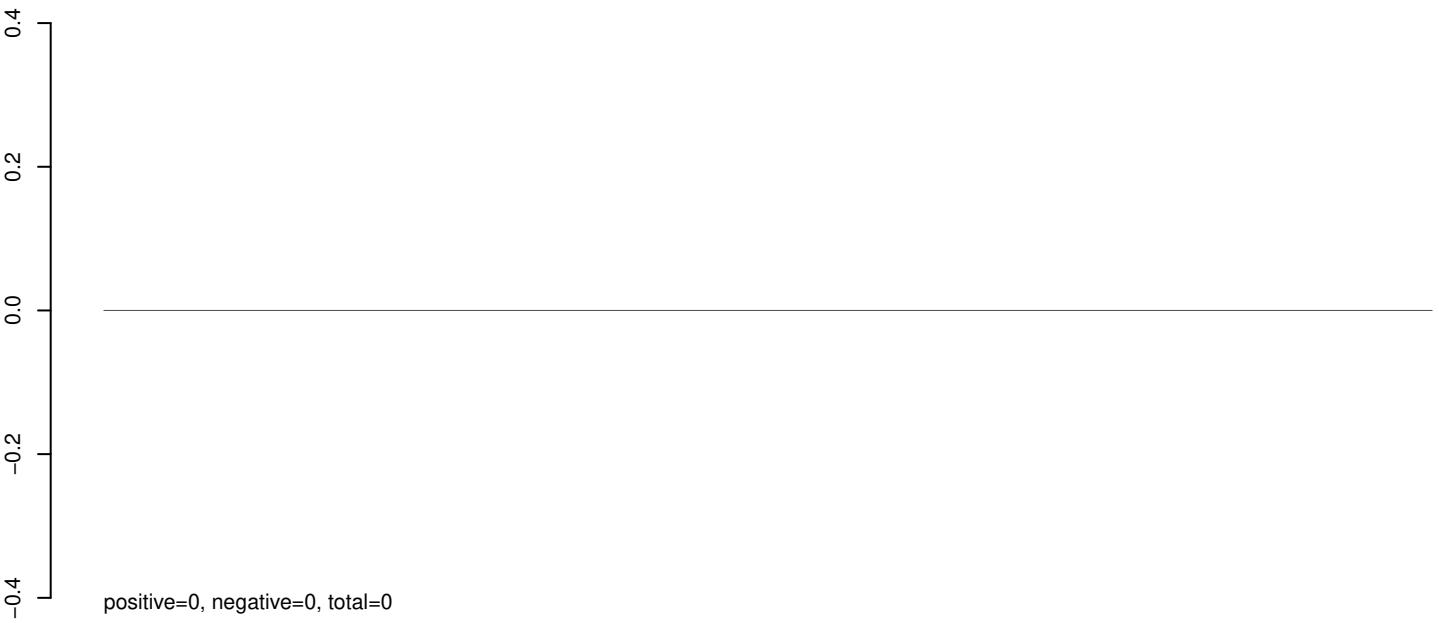
positive=0, negative=7, total=7



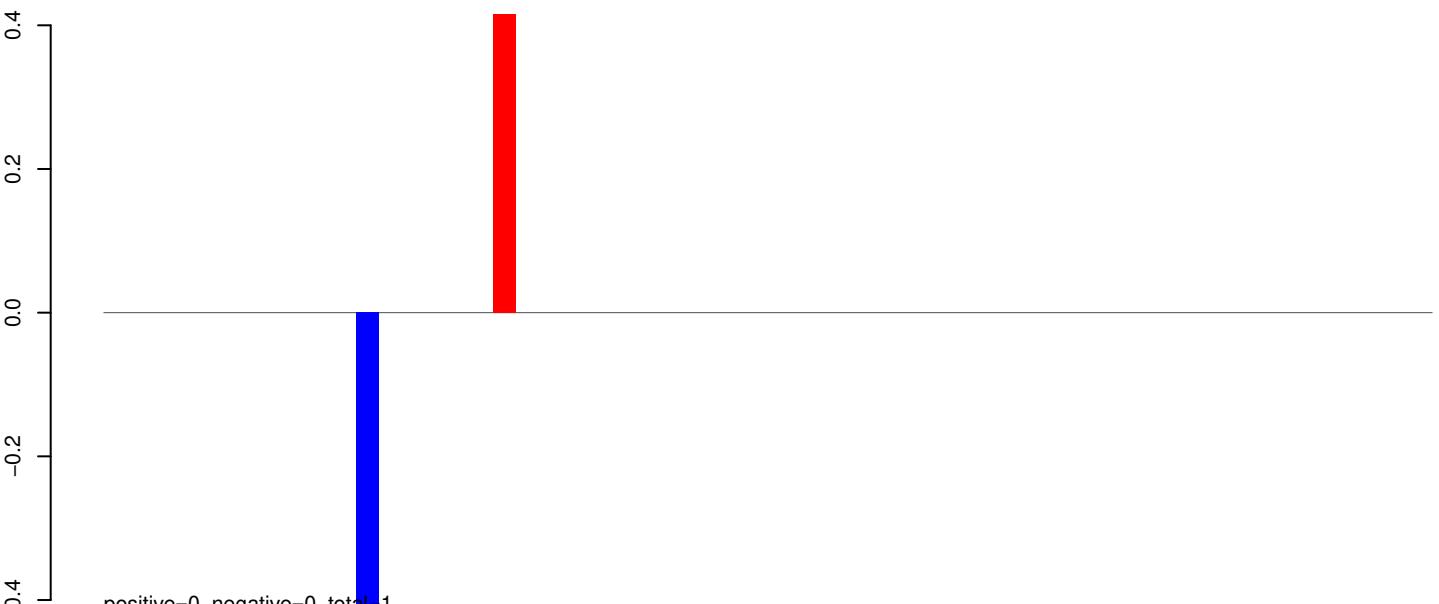
Window size=25, length=2091, TE@R=994-UNKNOWN:1-2091



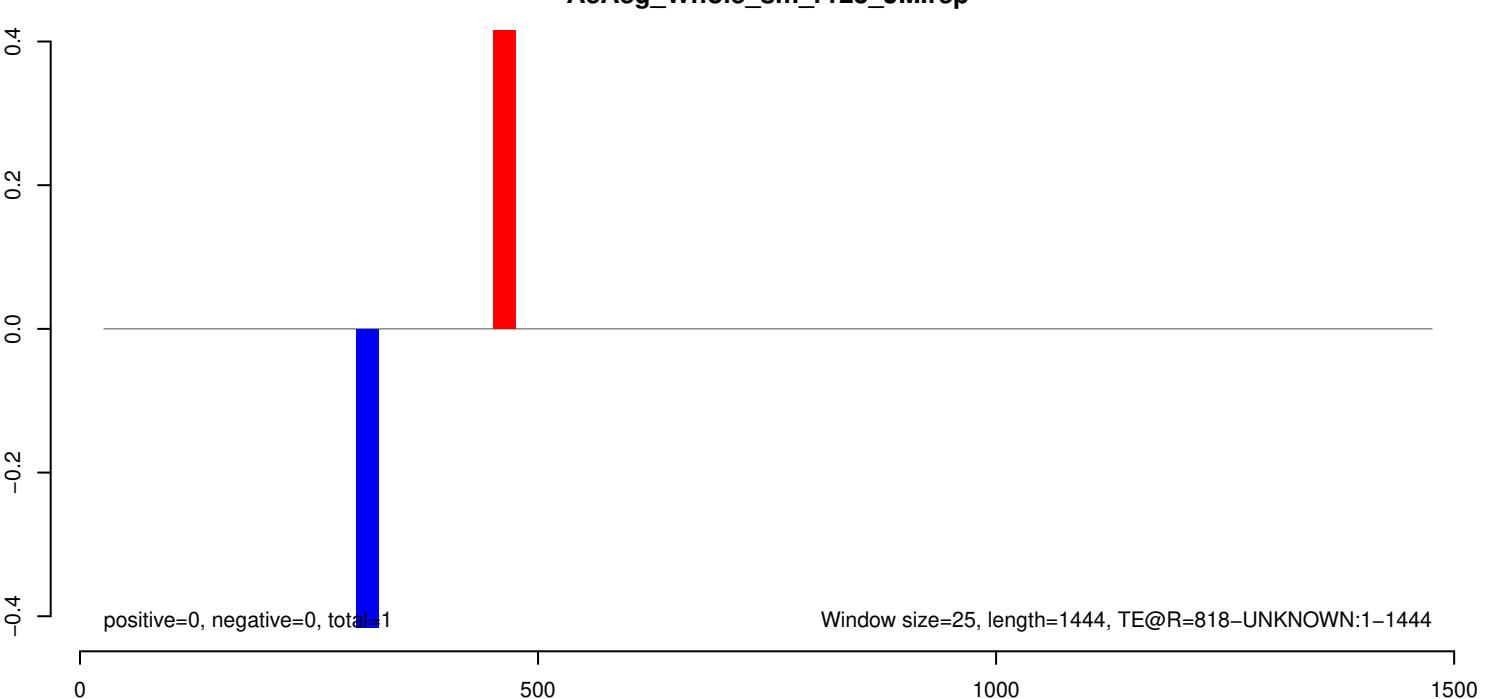
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



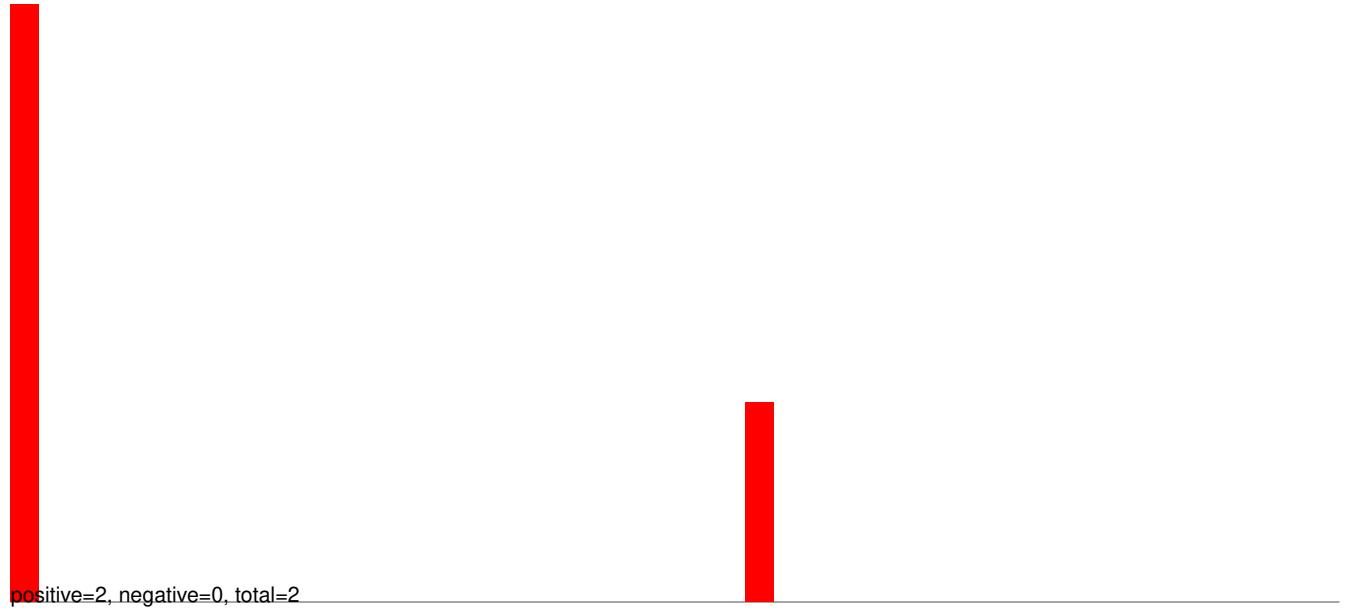
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



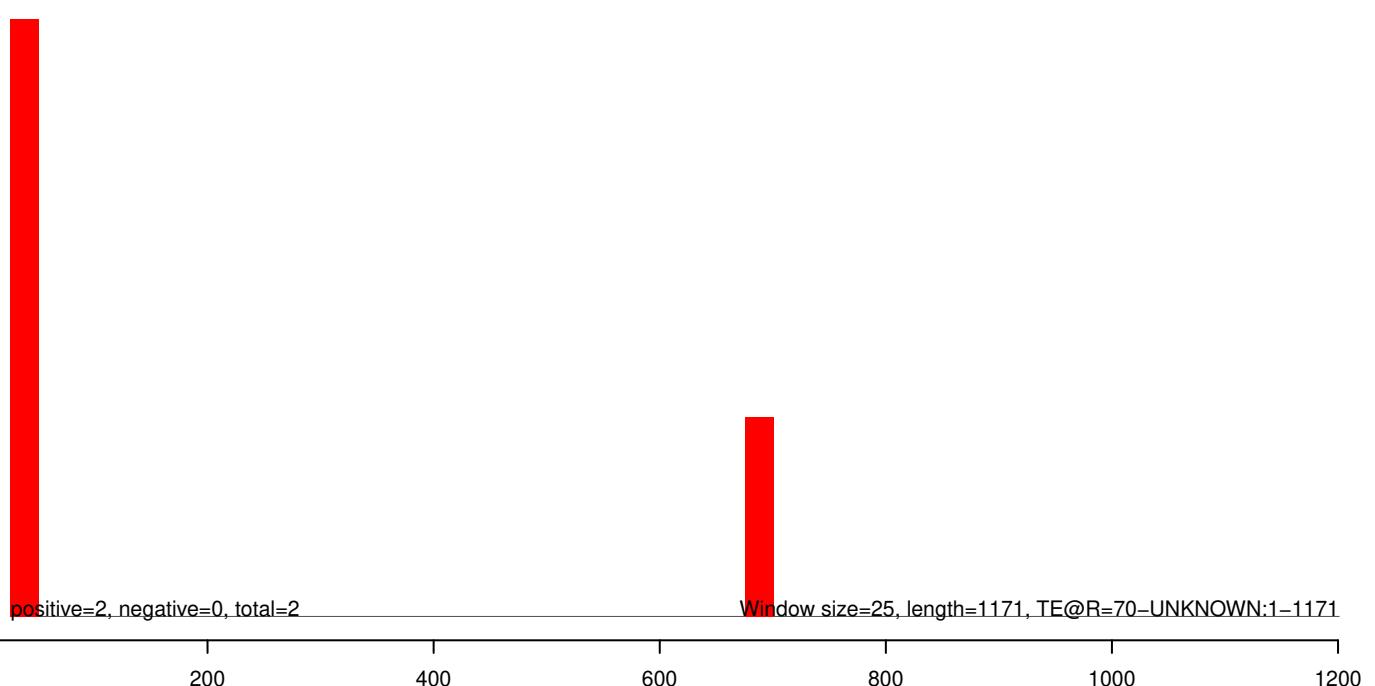
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



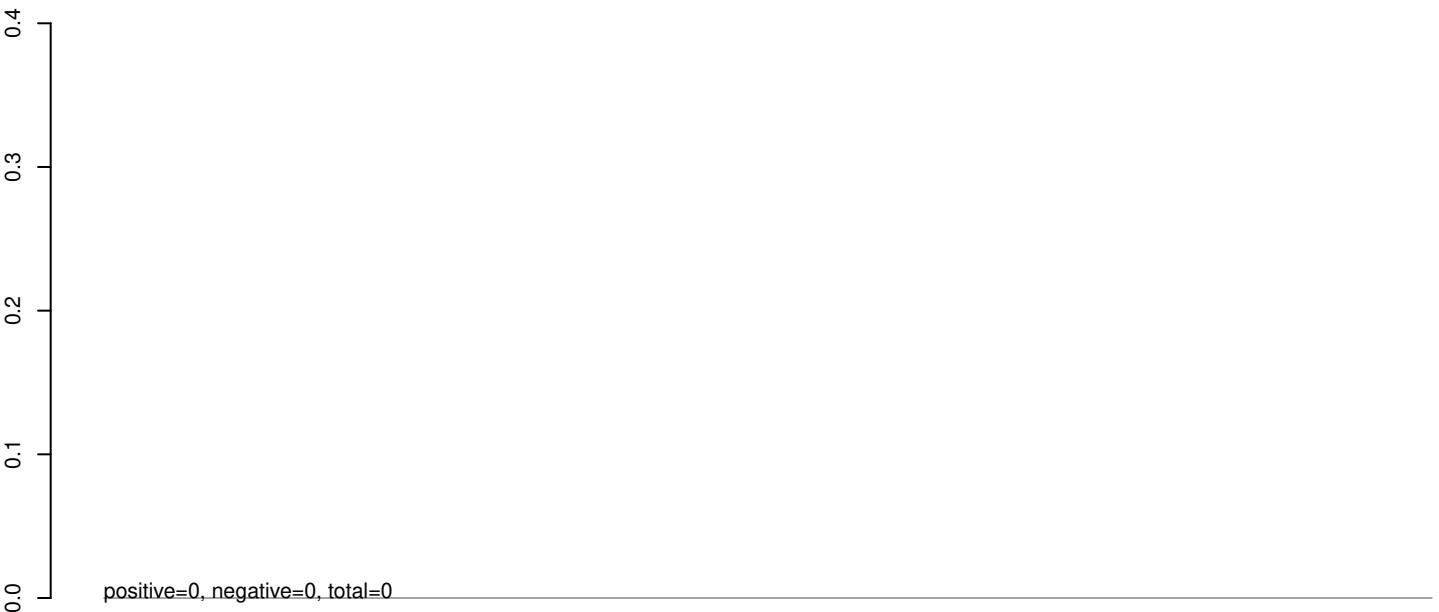
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



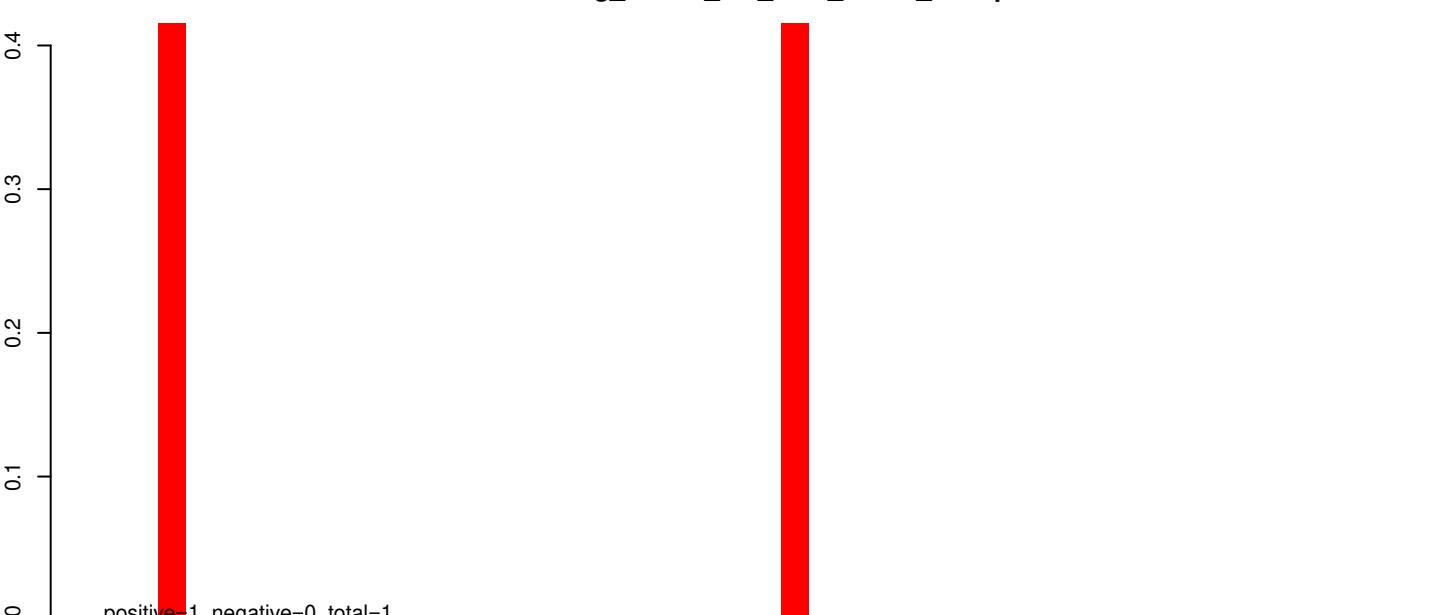
### AeAeg\_Whole\_sm\_r123\_JM.rep



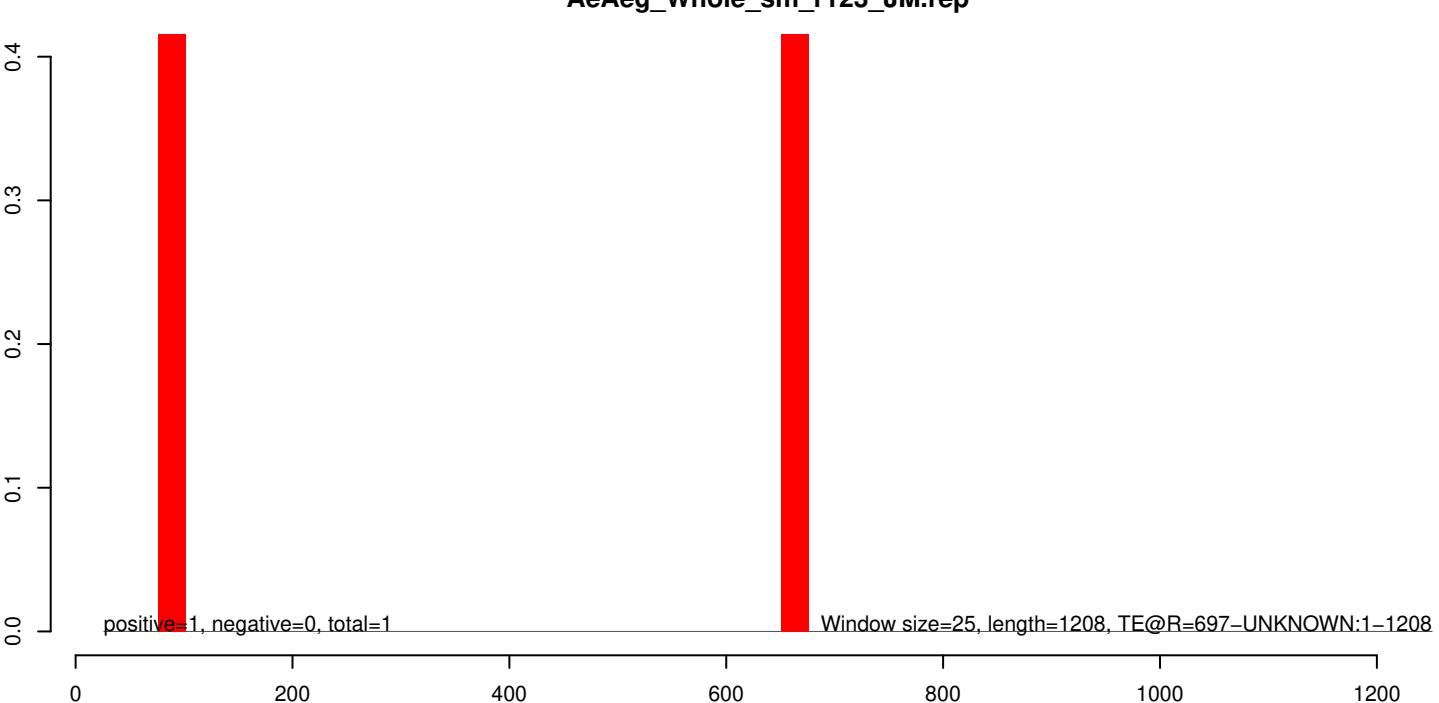
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

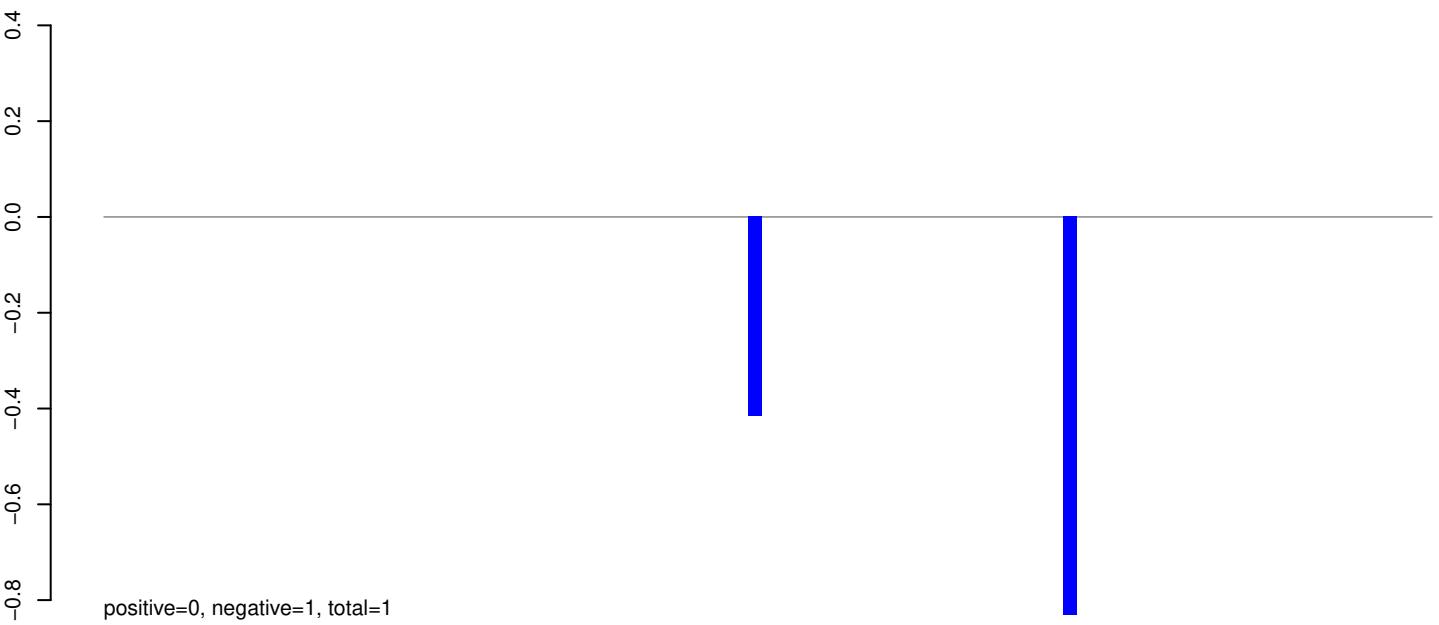


**AeAeg\_Whole\_sm\_r123\_JM.rep**



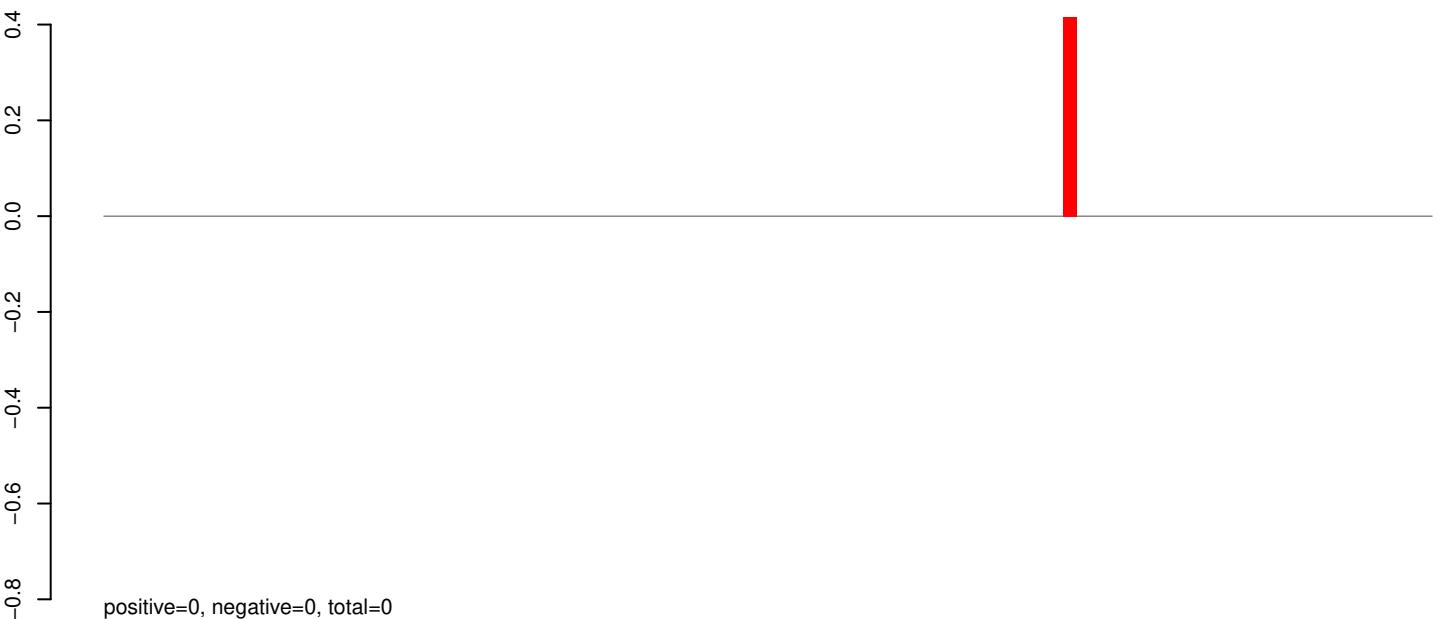
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

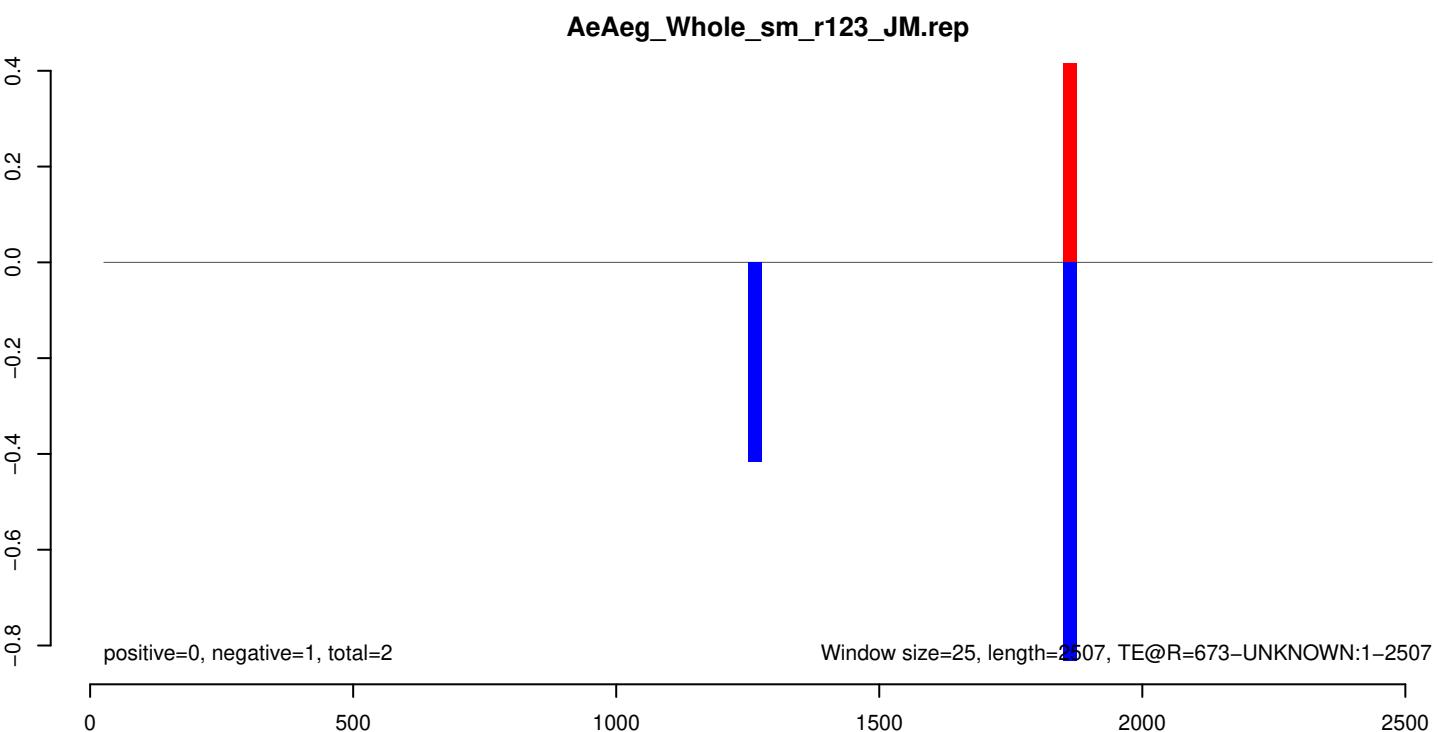
positive=0, negative=0, total=0



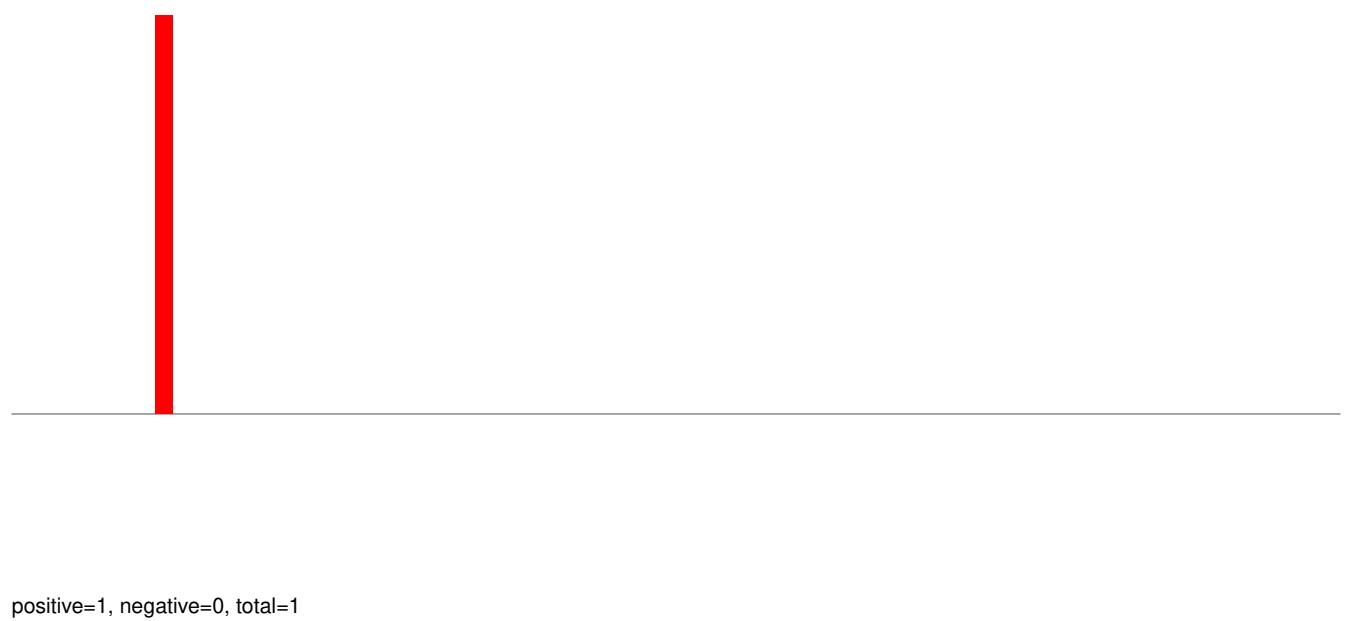
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=2

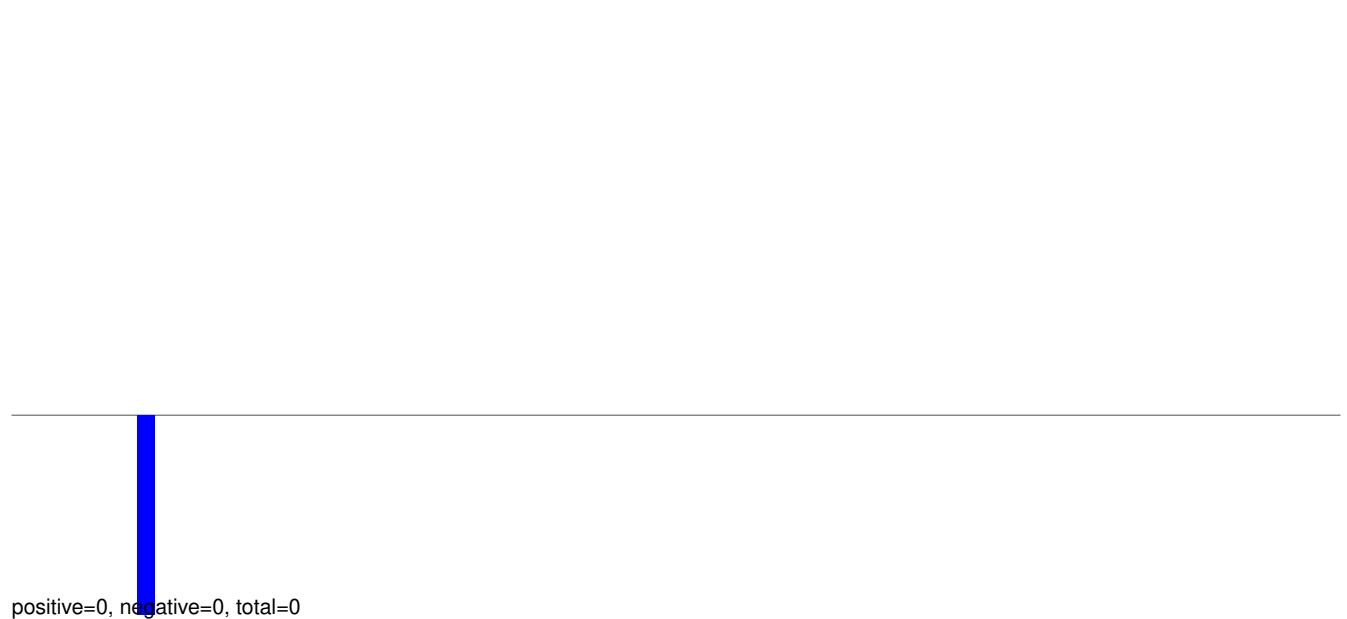
Window size=25, length=2507, TE@R=673-UNKNOWN:1-2507



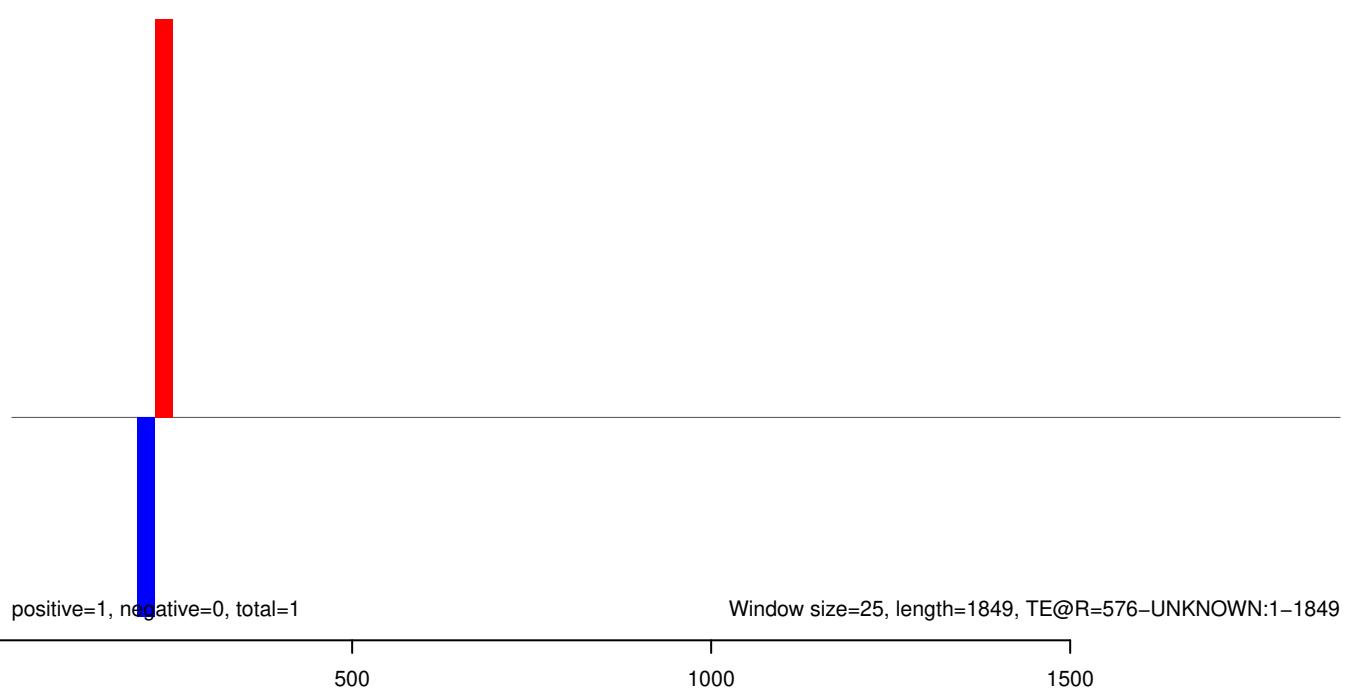
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



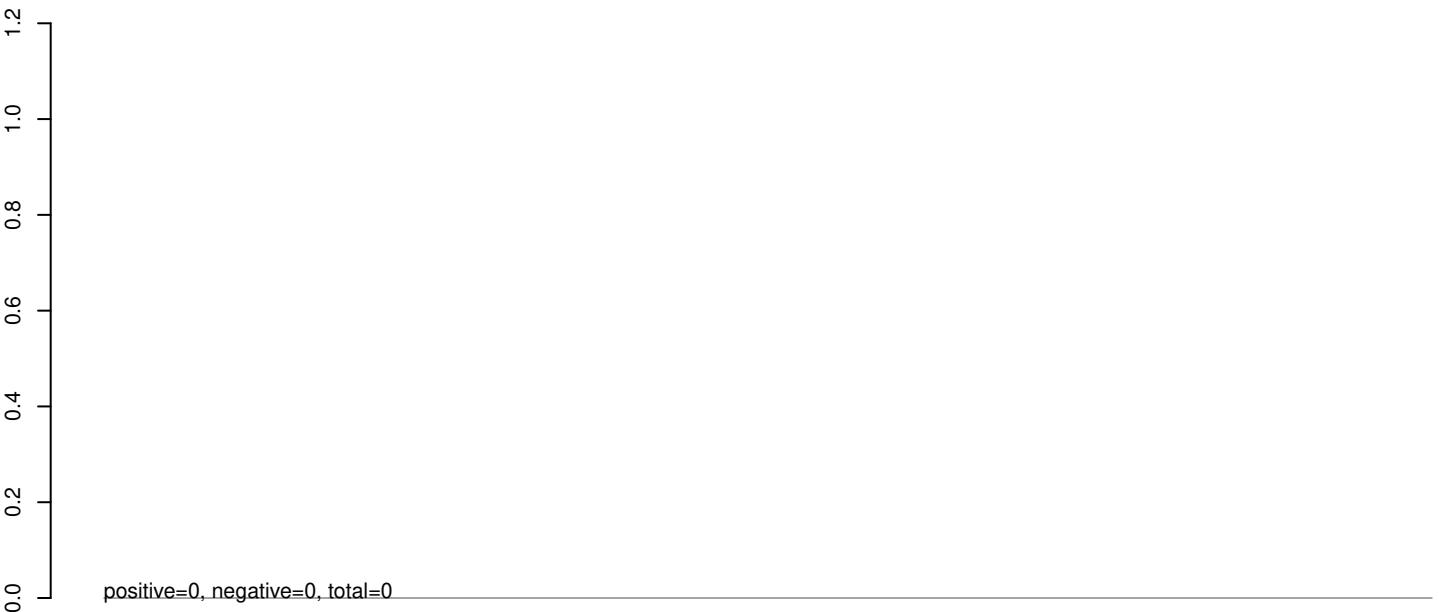
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



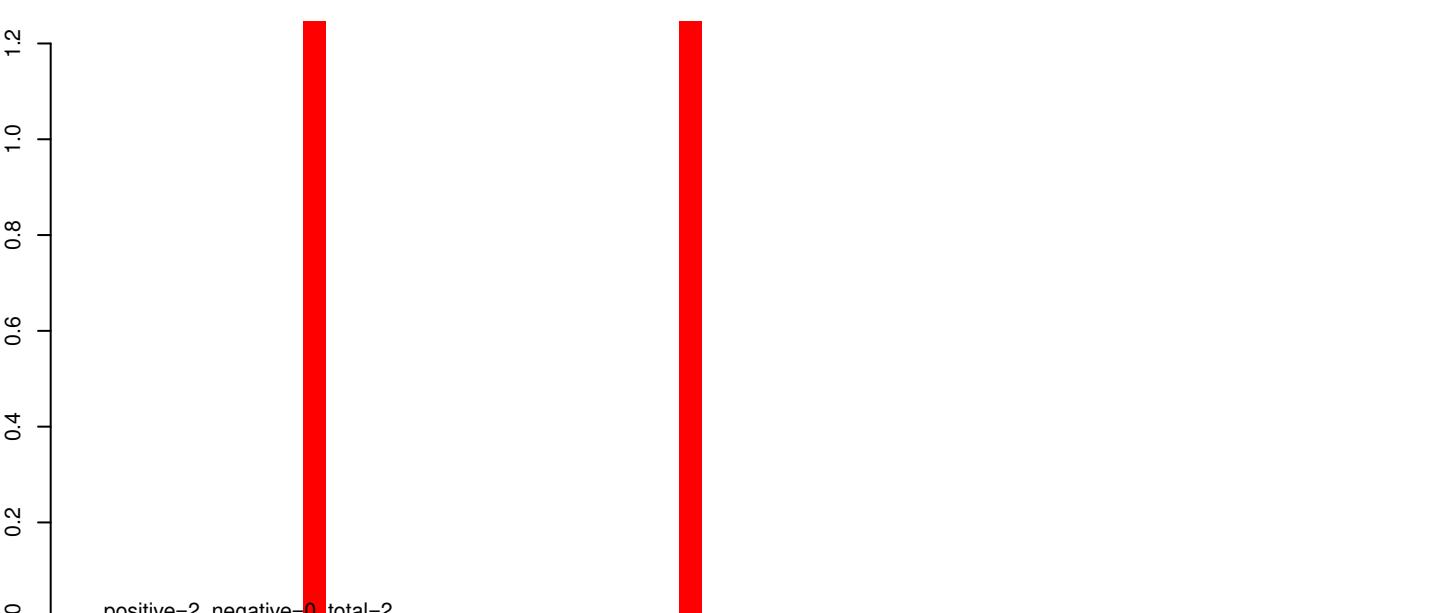
### AeAeg\_Whole\_sm\_r123\_JM.rep



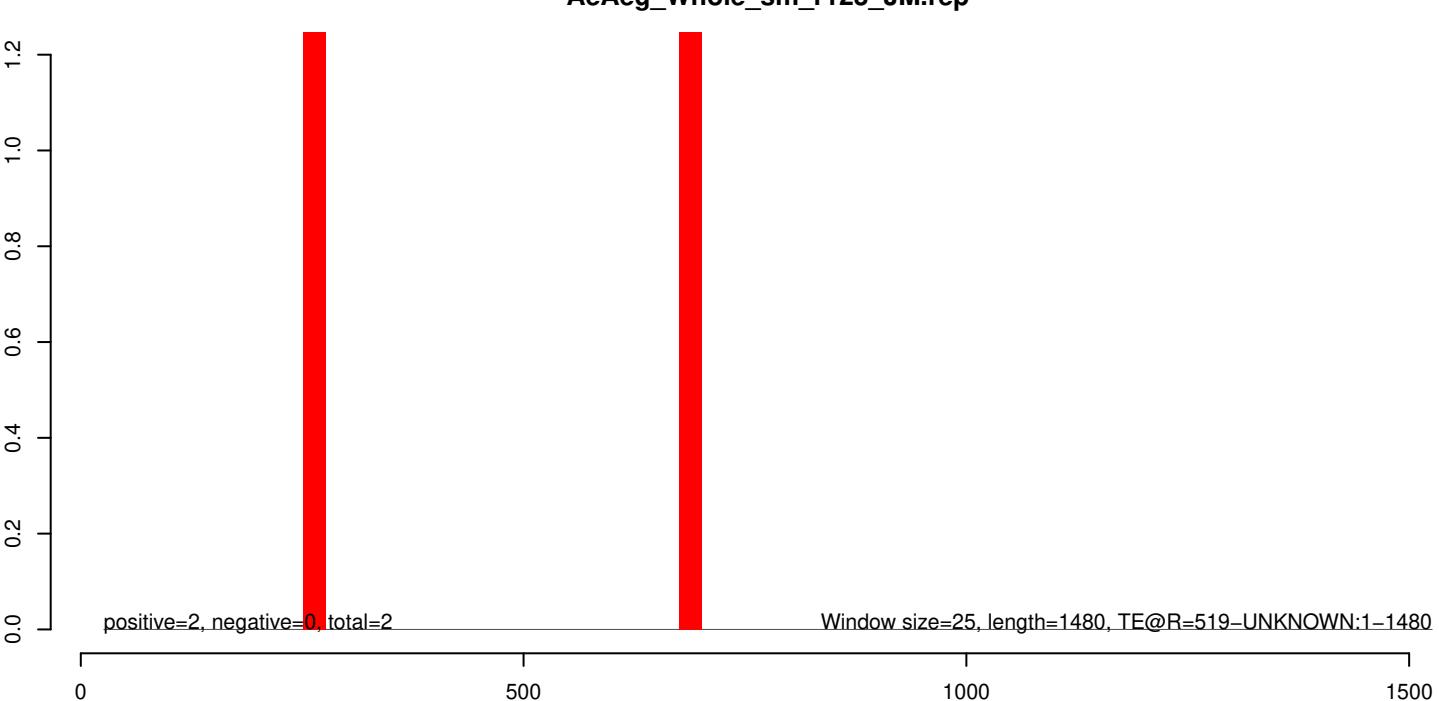
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



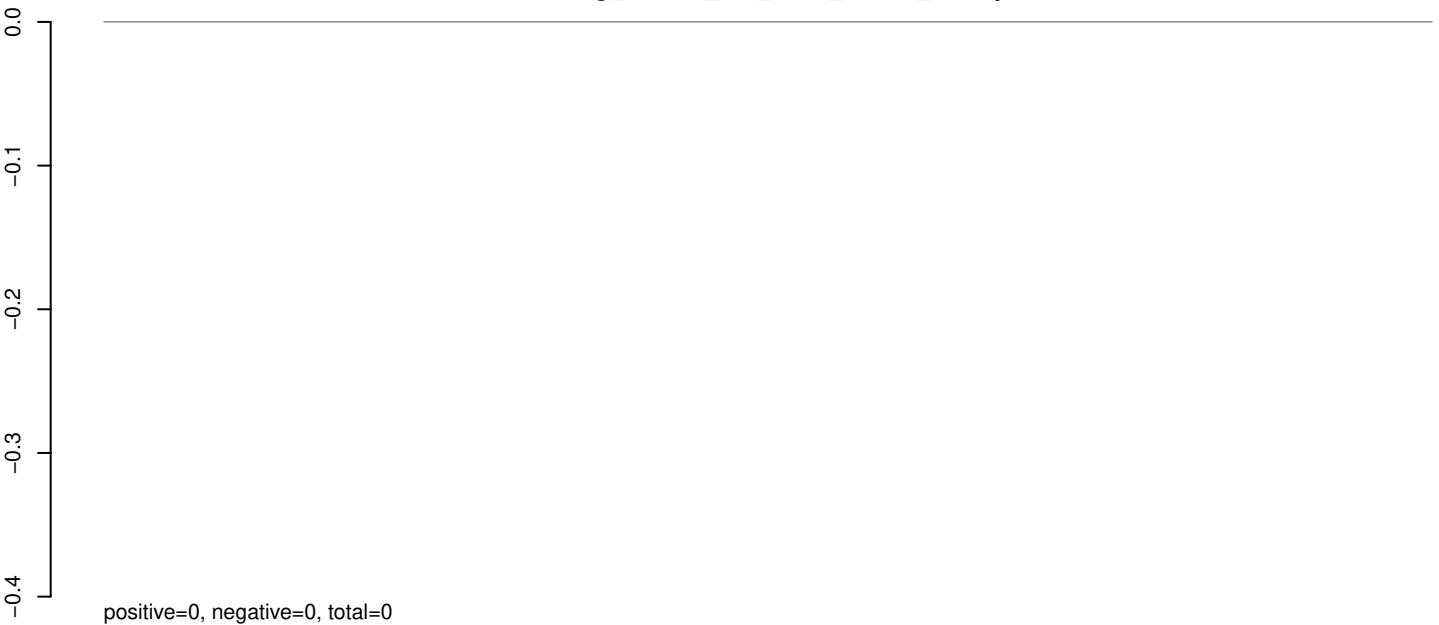
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



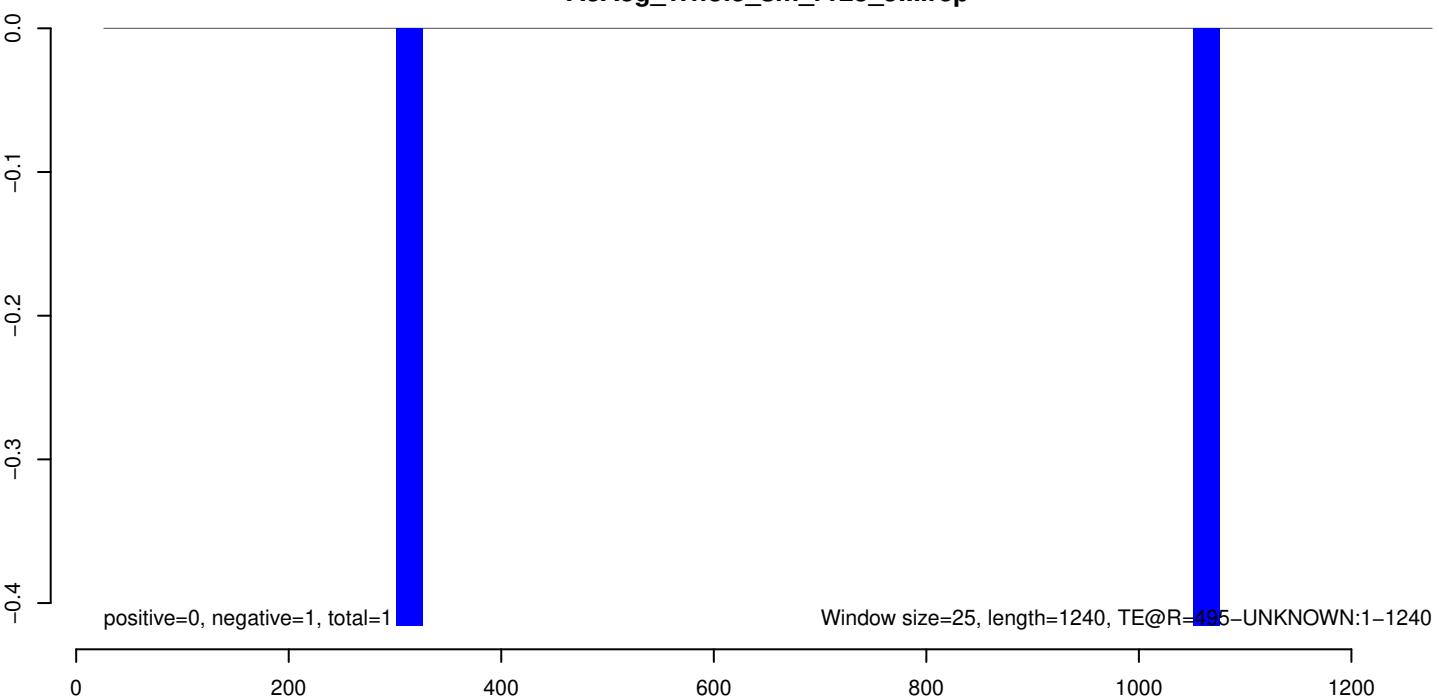
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



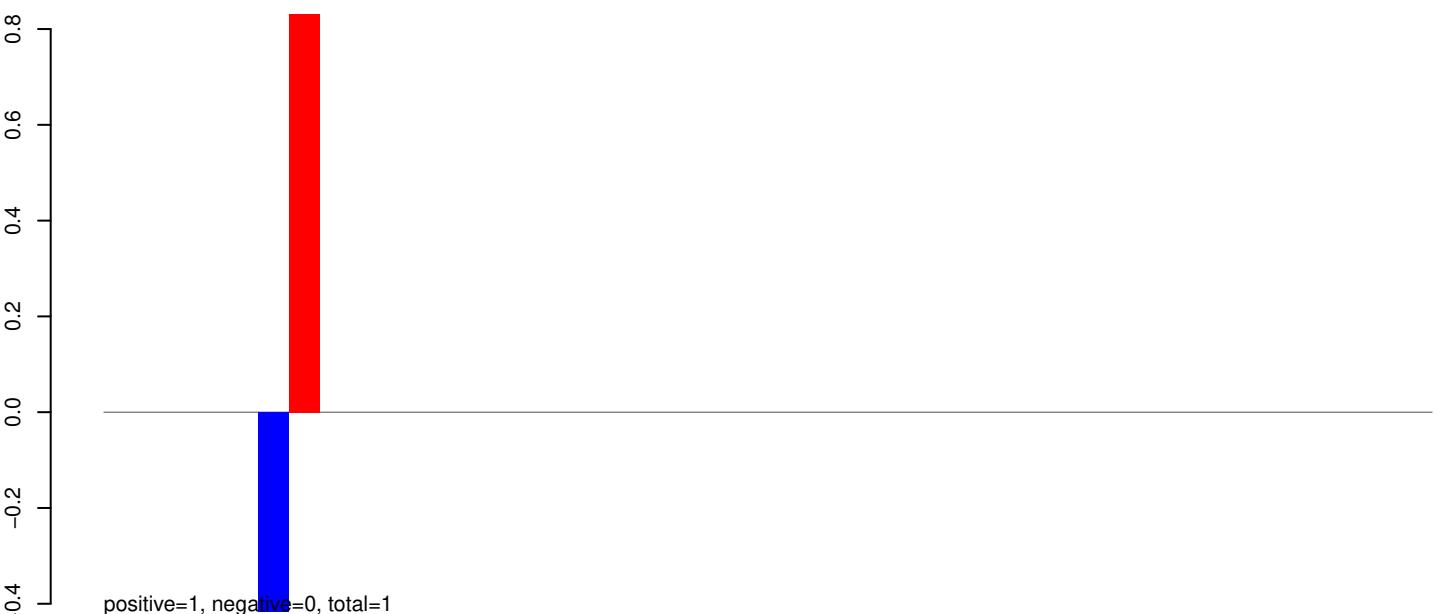
### AeAeg\_Whole\_sm\_r123\_JM.rep



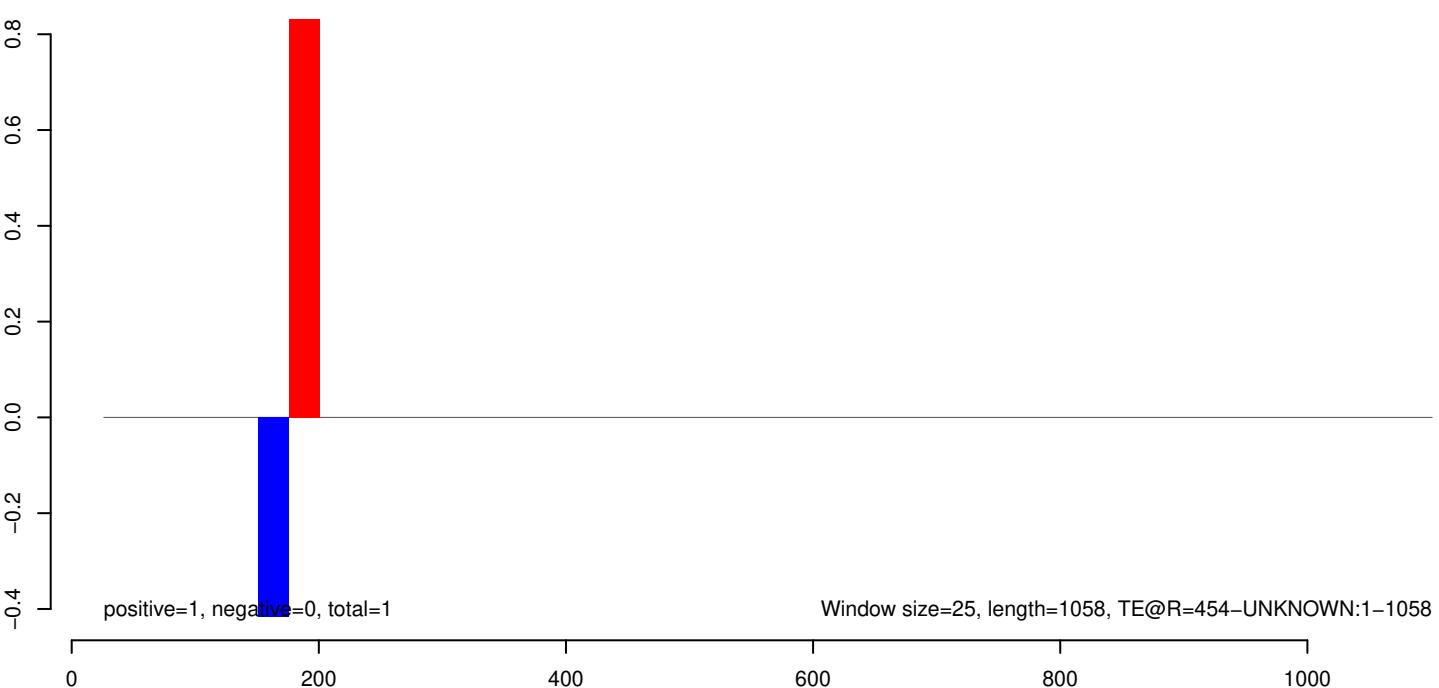
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



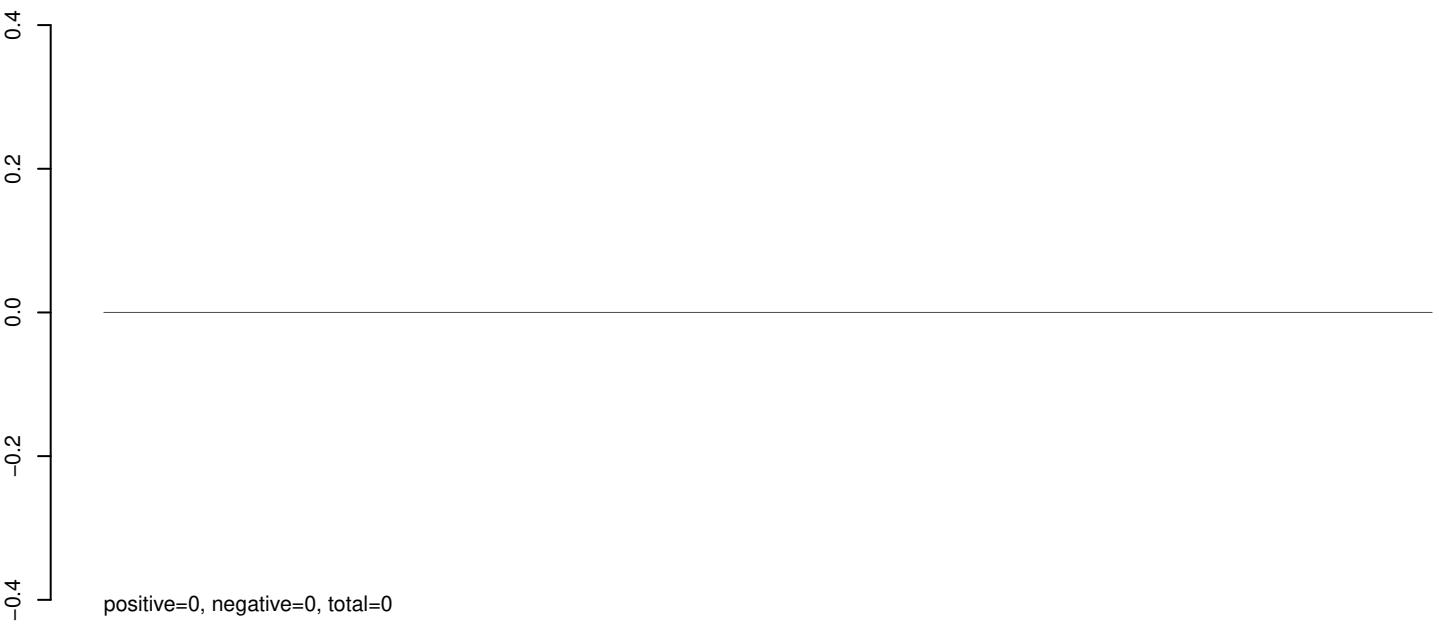
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



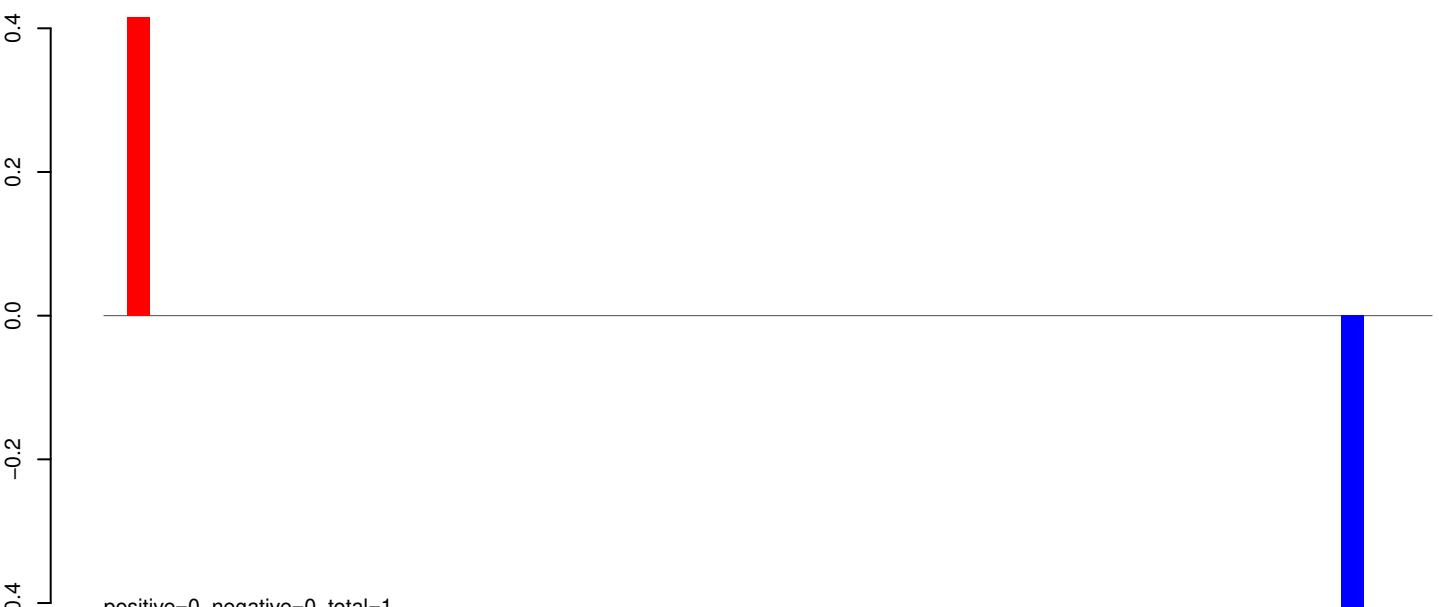
**AeAeg\_Whole\_sm\_r123\_JM.rep**



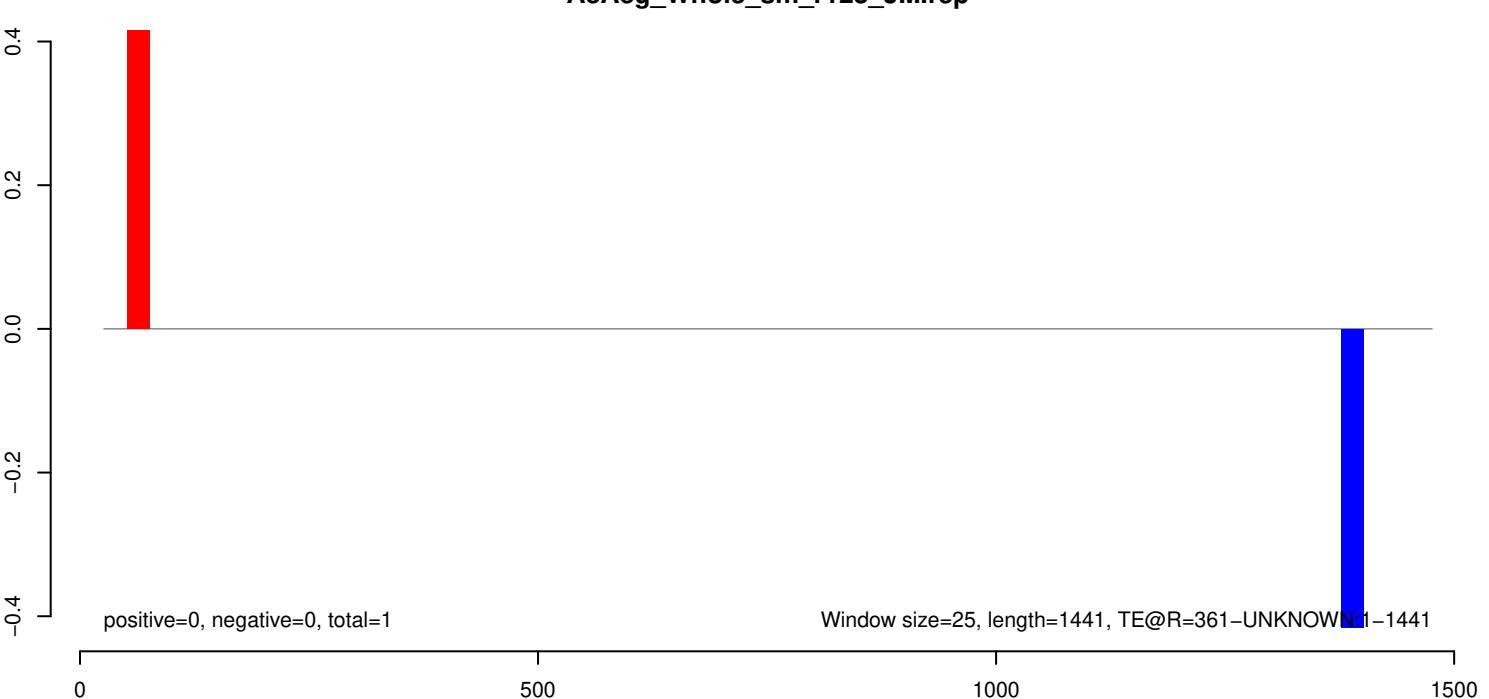
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=0, total=1

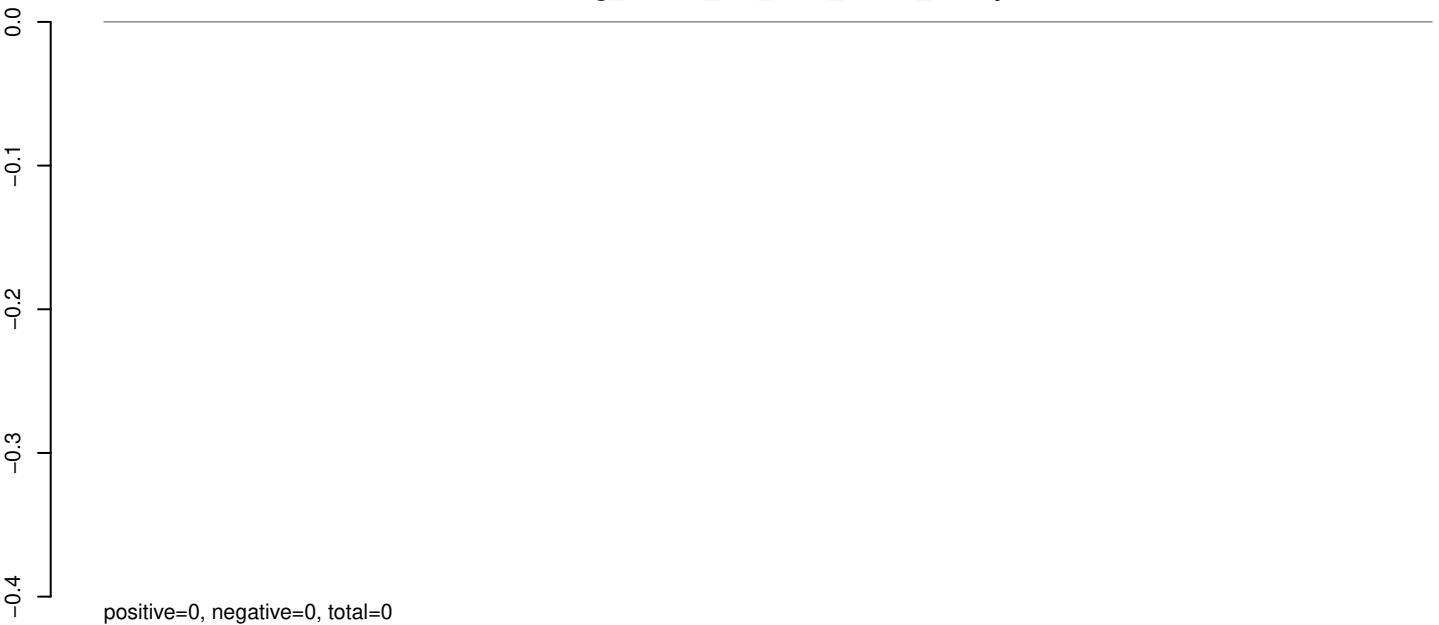
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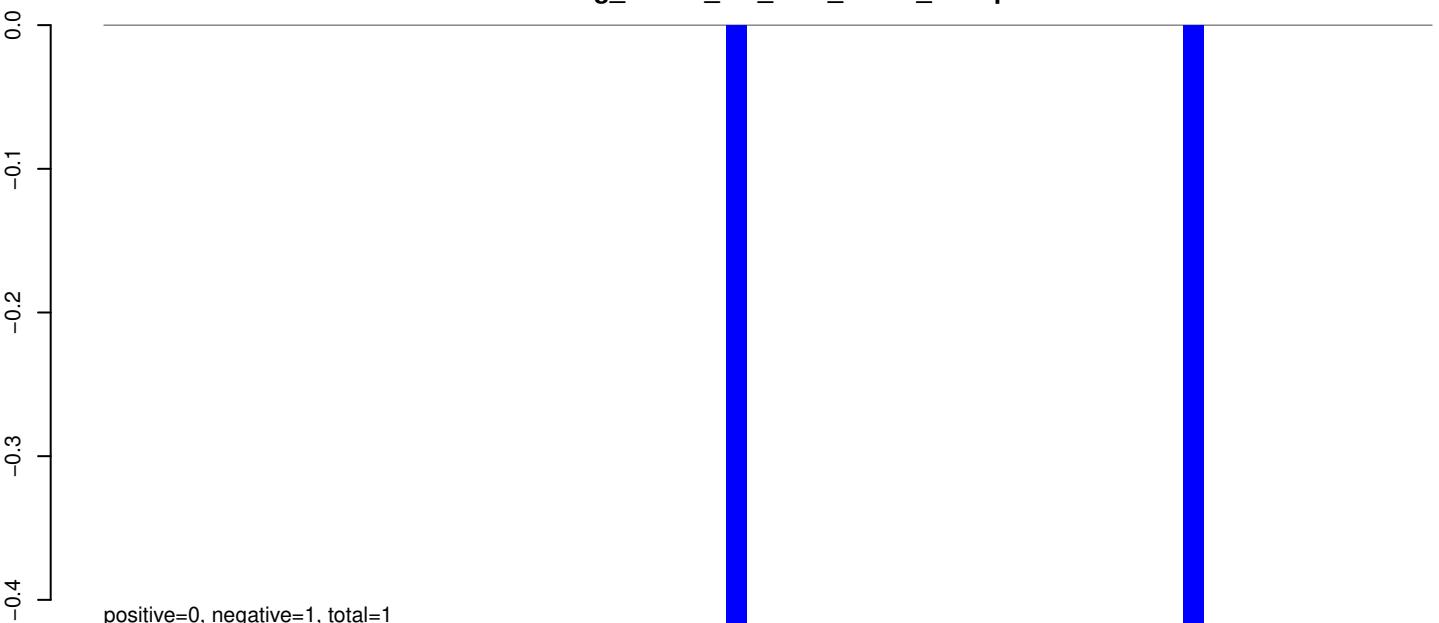
1000

1500

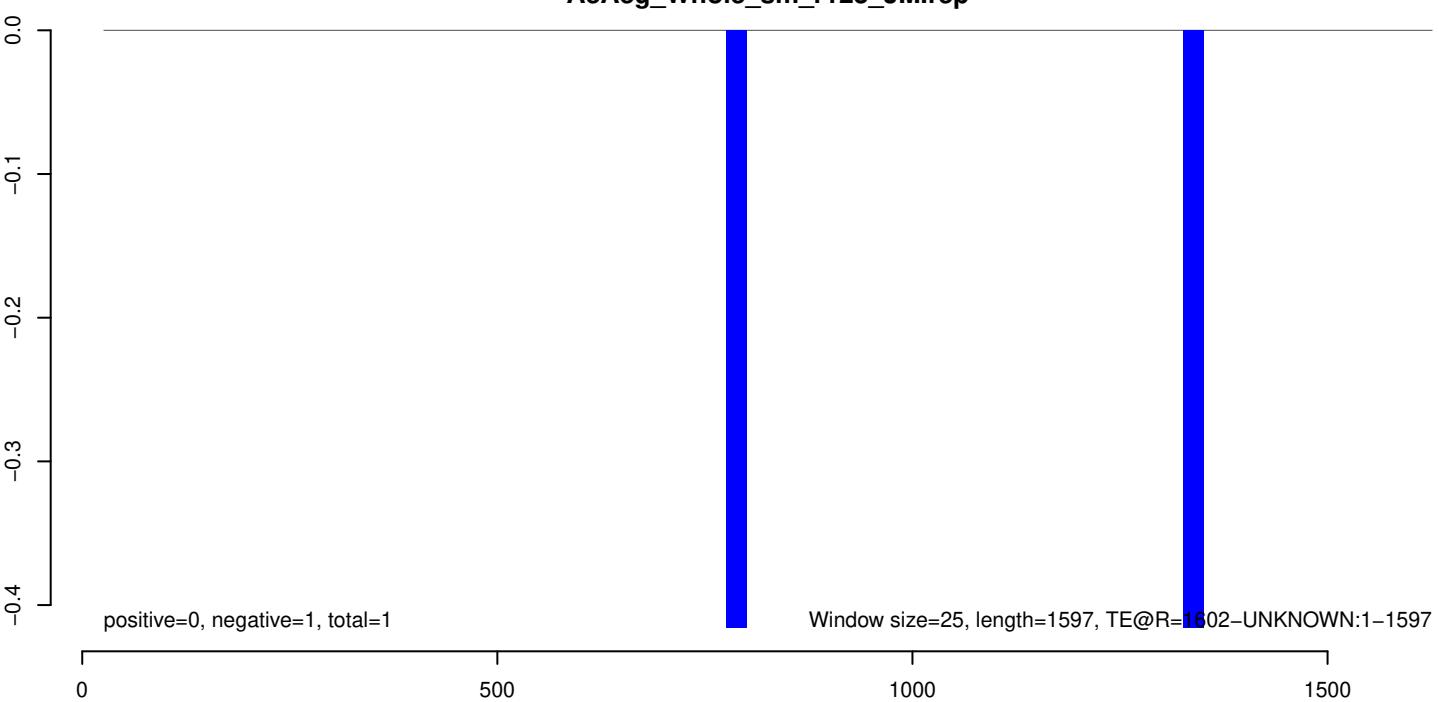
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



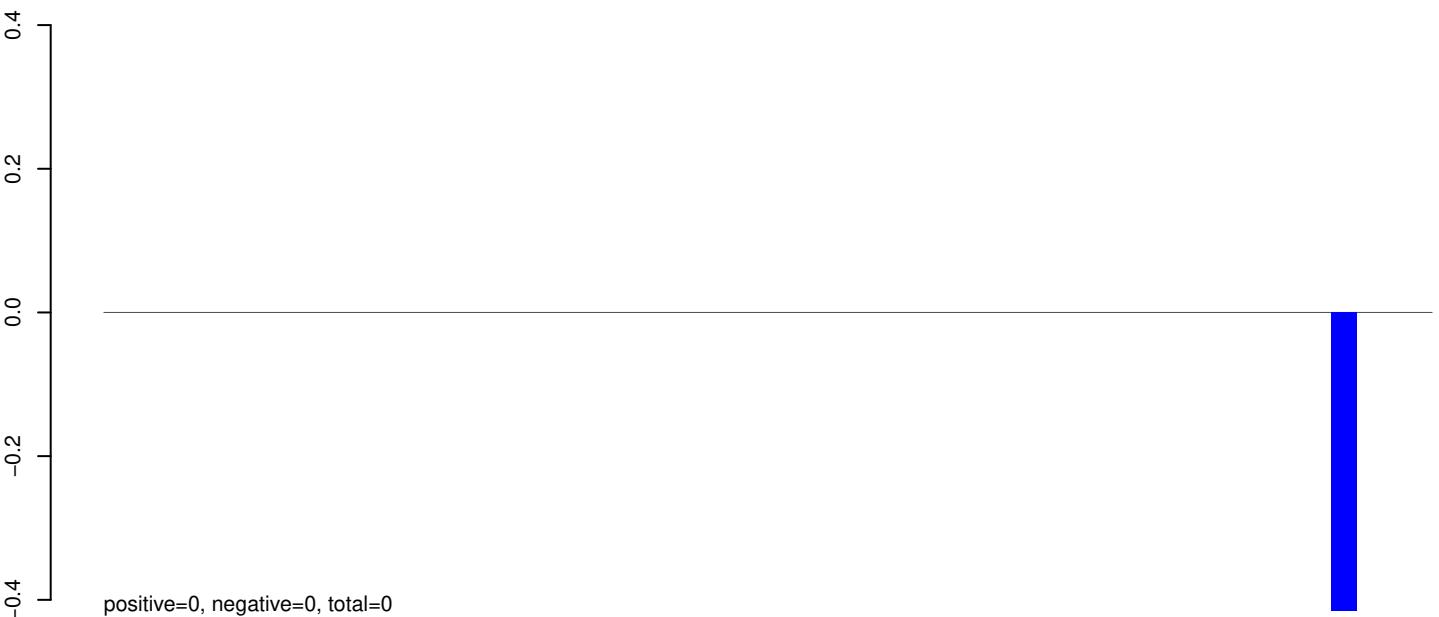
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



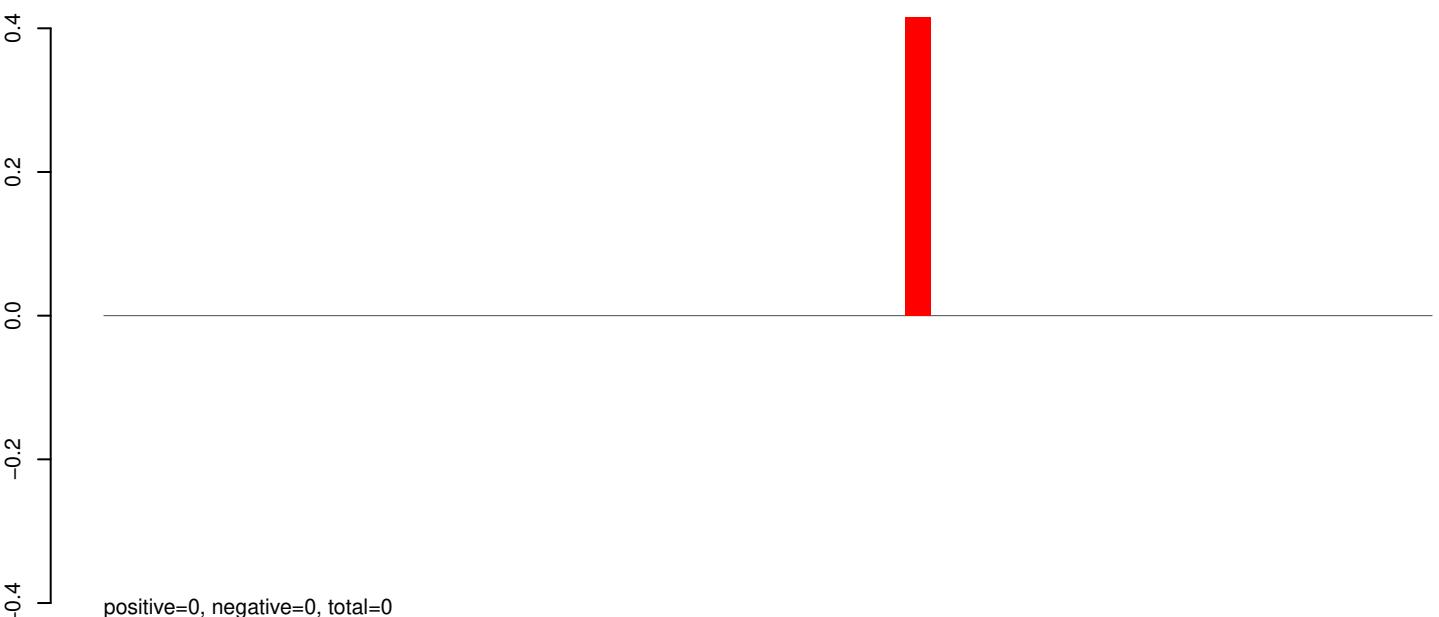
### AeAeg\_Whole\_sm\_r123\_JM.rep



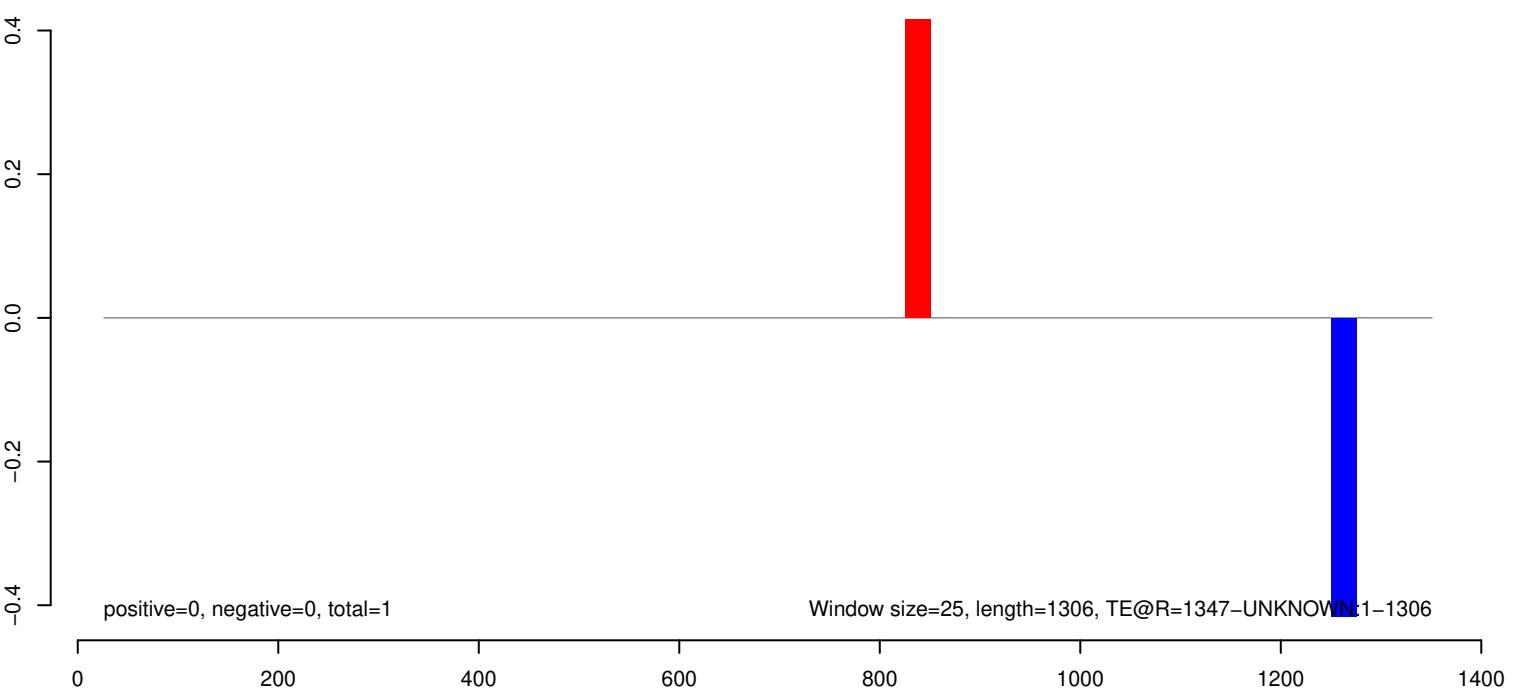
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



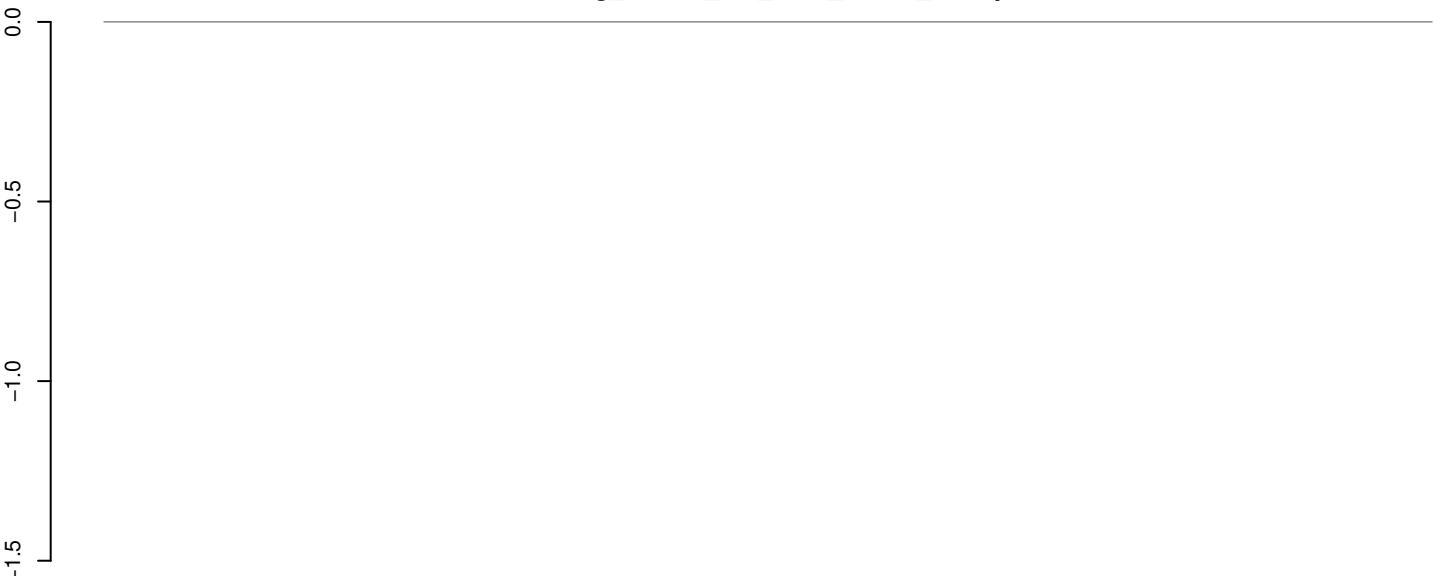
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



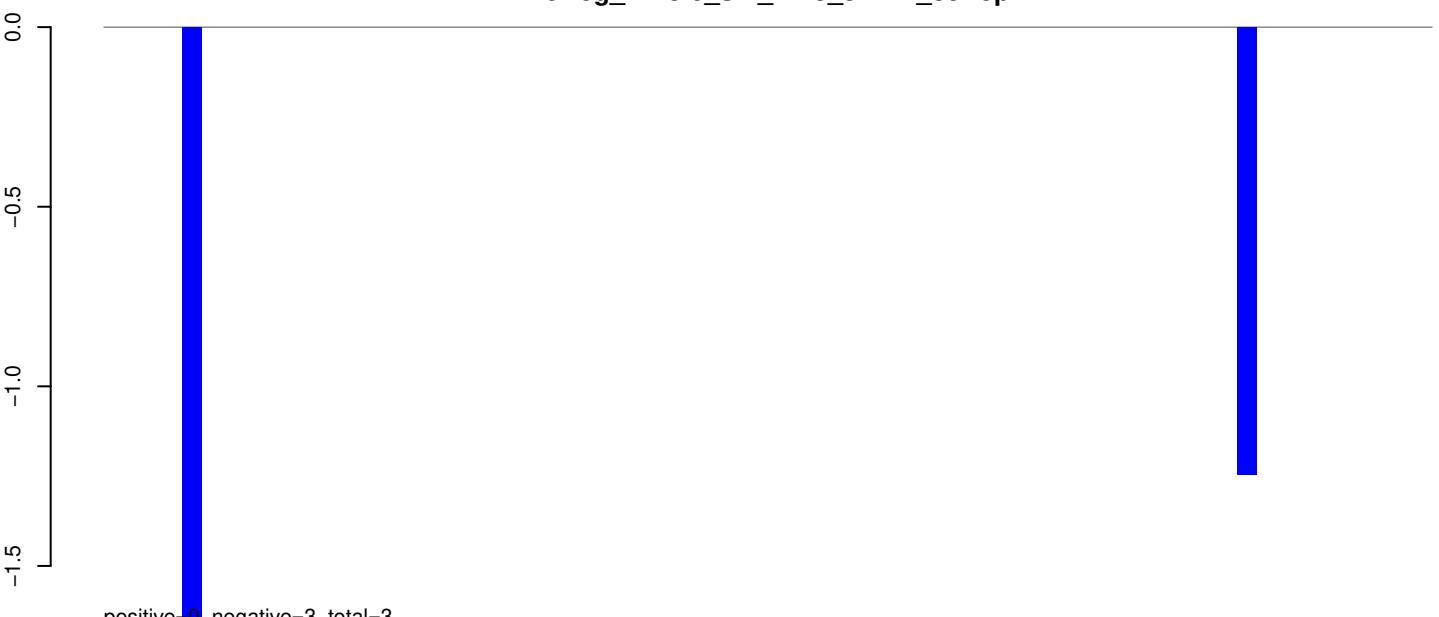
### AeAeg\_Whole\_sm\_r123\_JM.rep



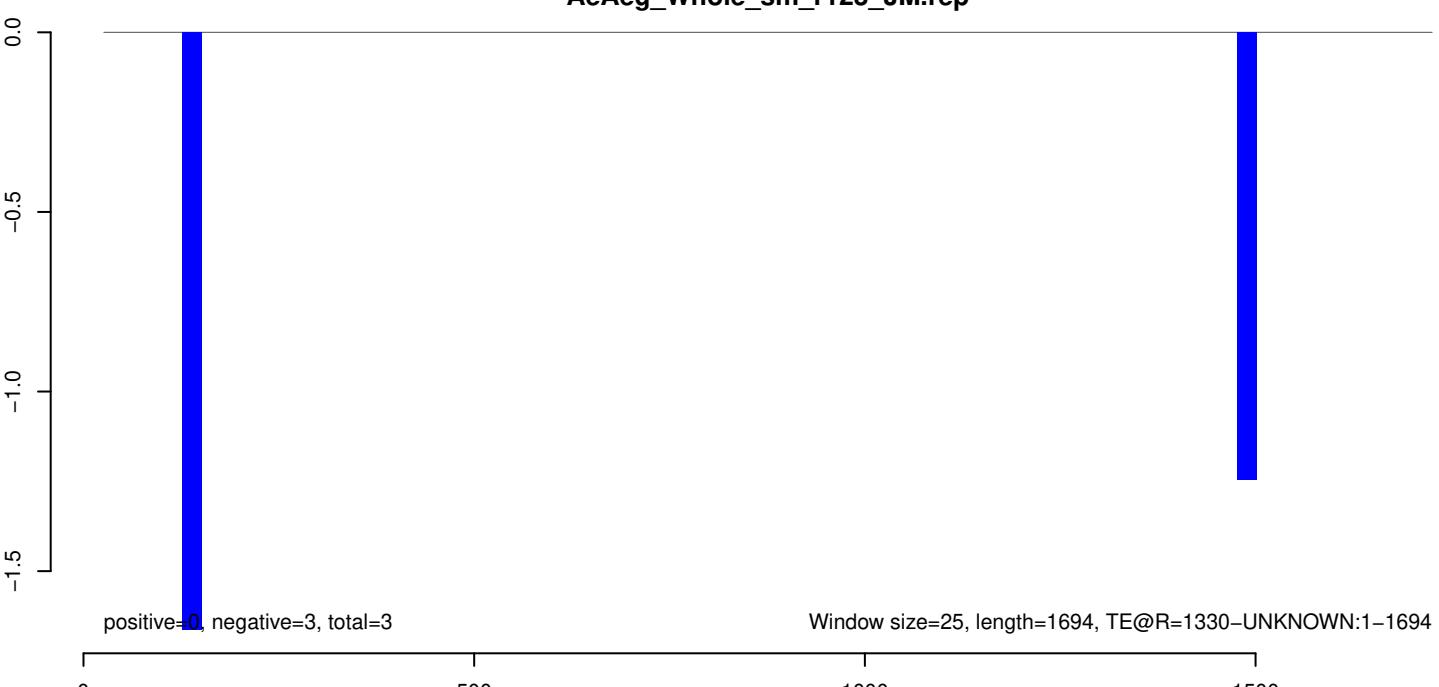
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



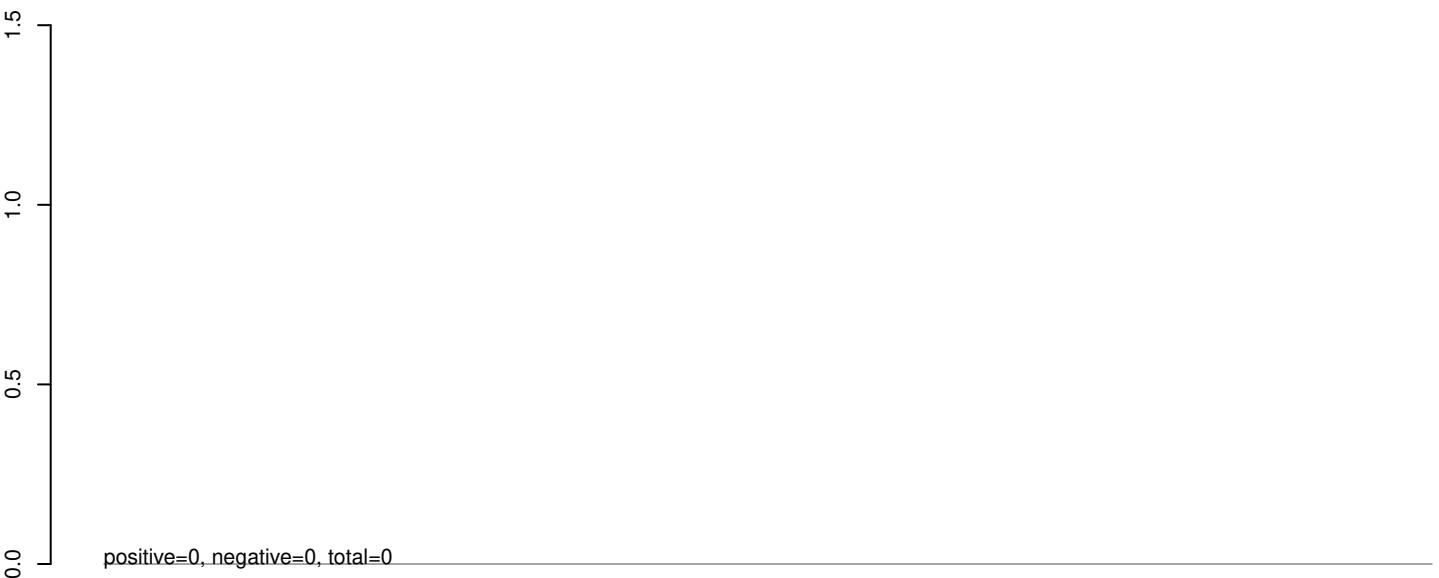
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



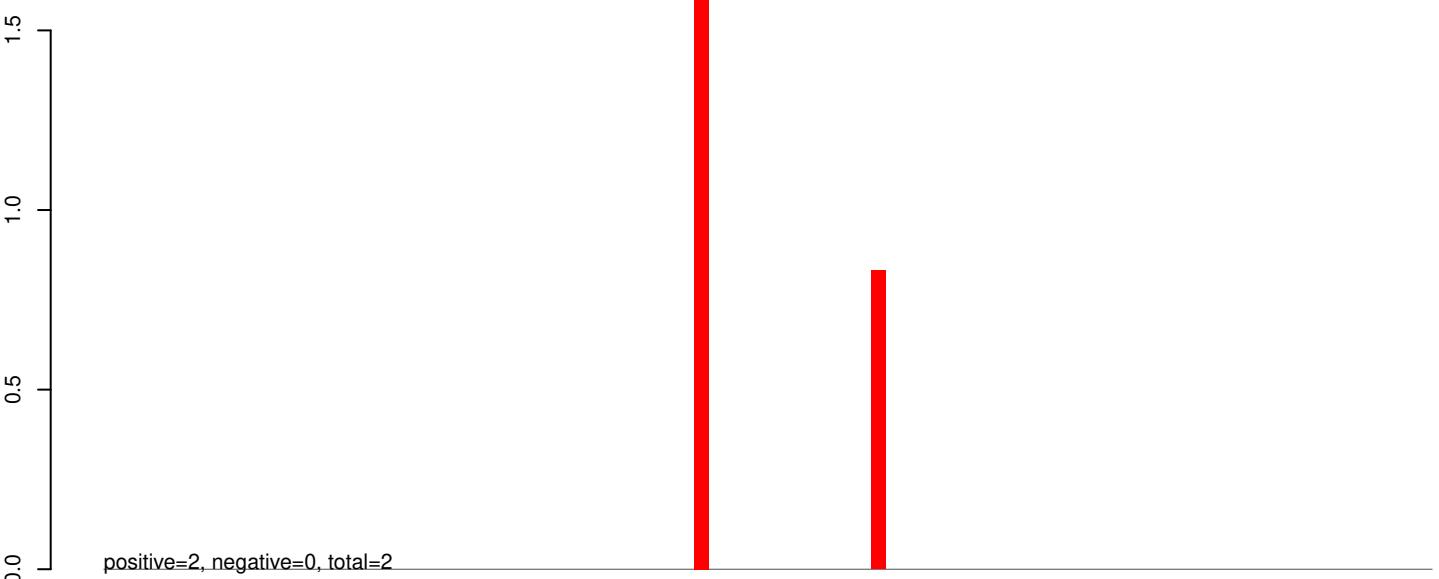
### AeAeg\_Whole\_sm\_r123\_JM.rep



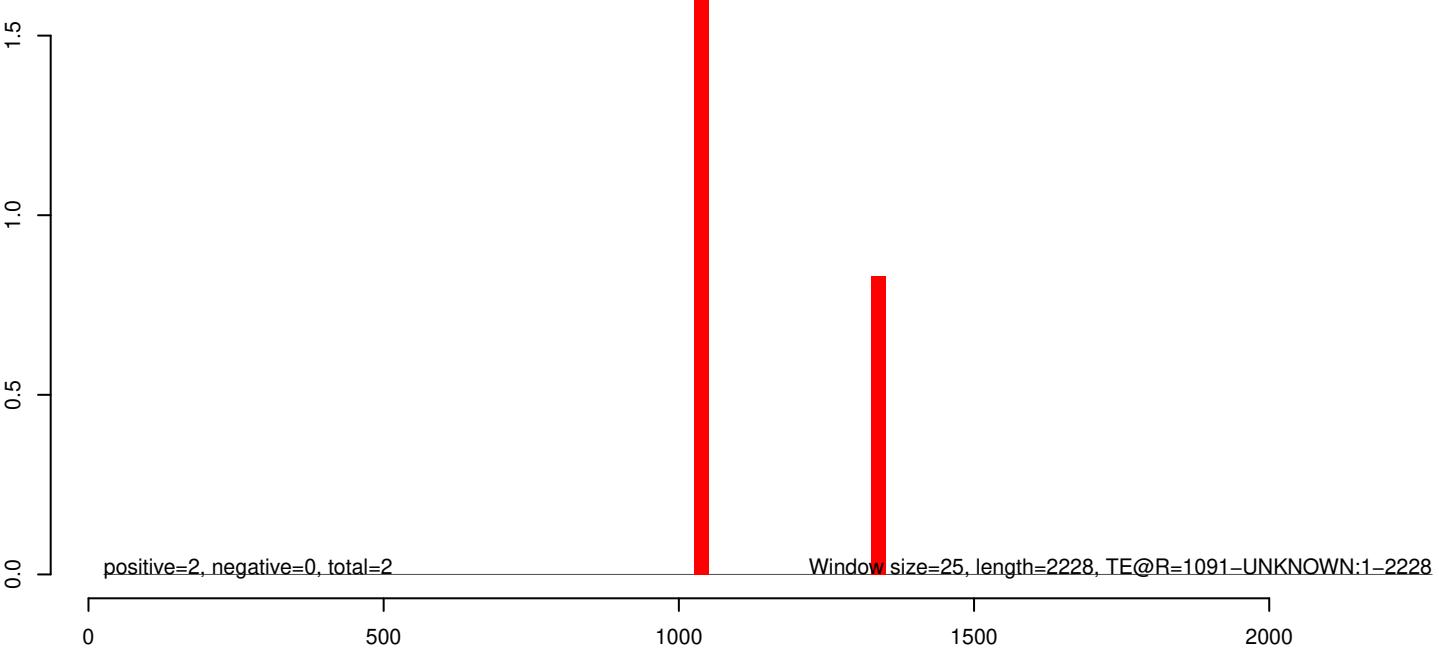
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



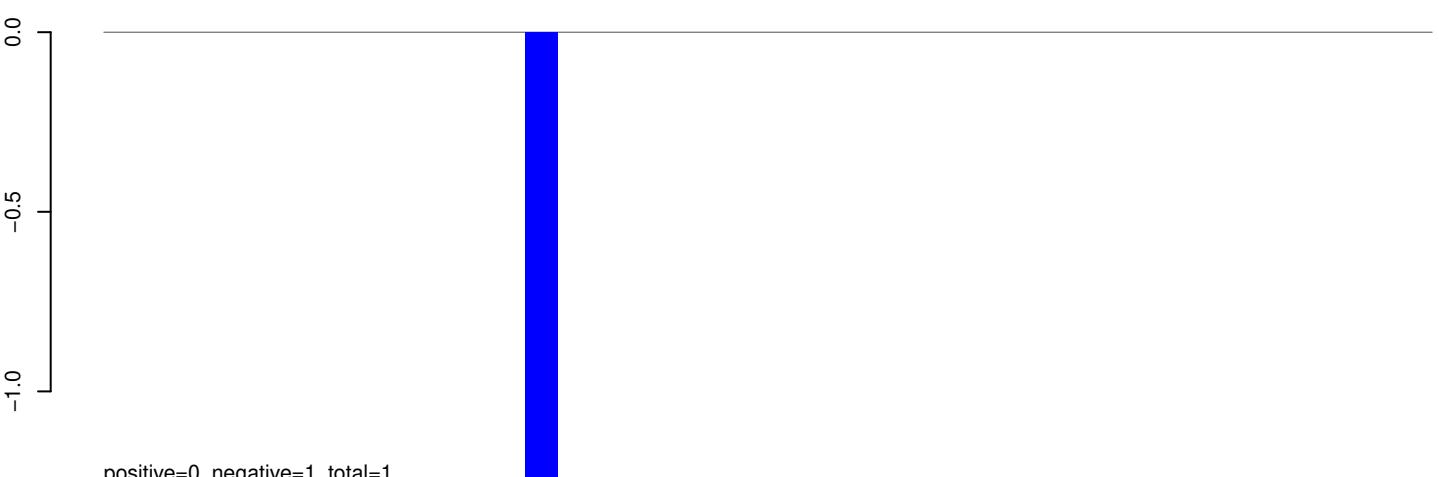
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



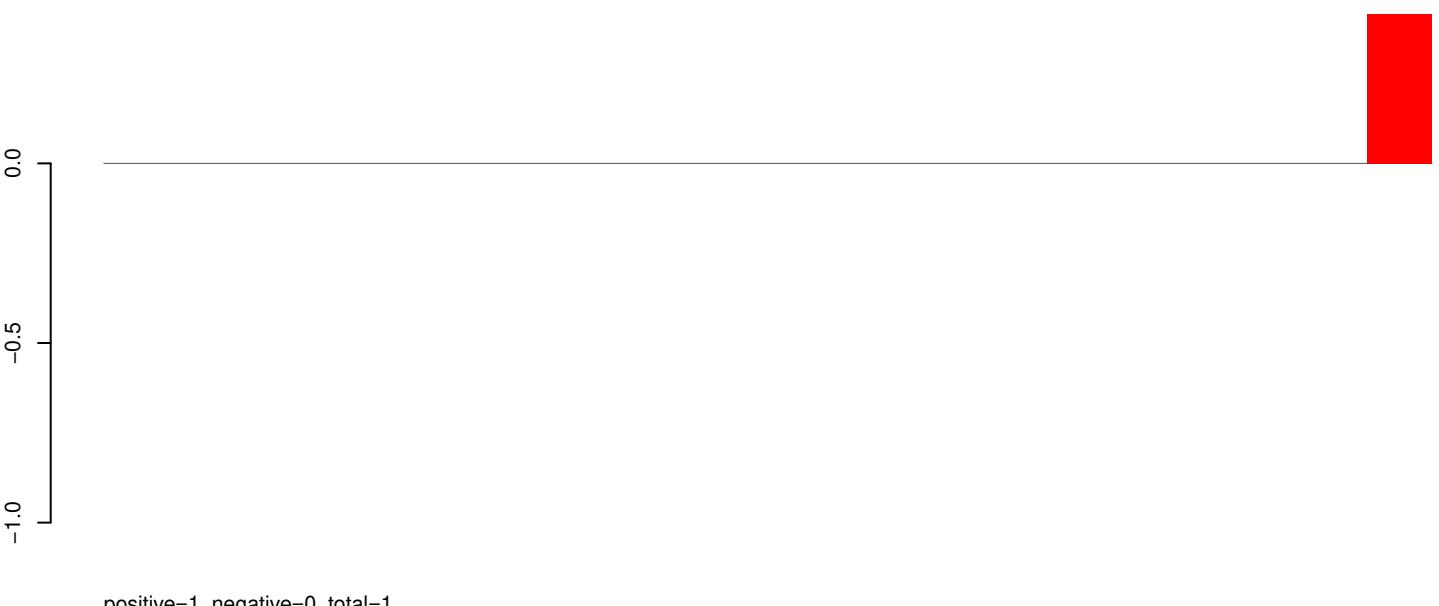
**AeAeg\_Whole\_sm\_r123\_JM.rep**



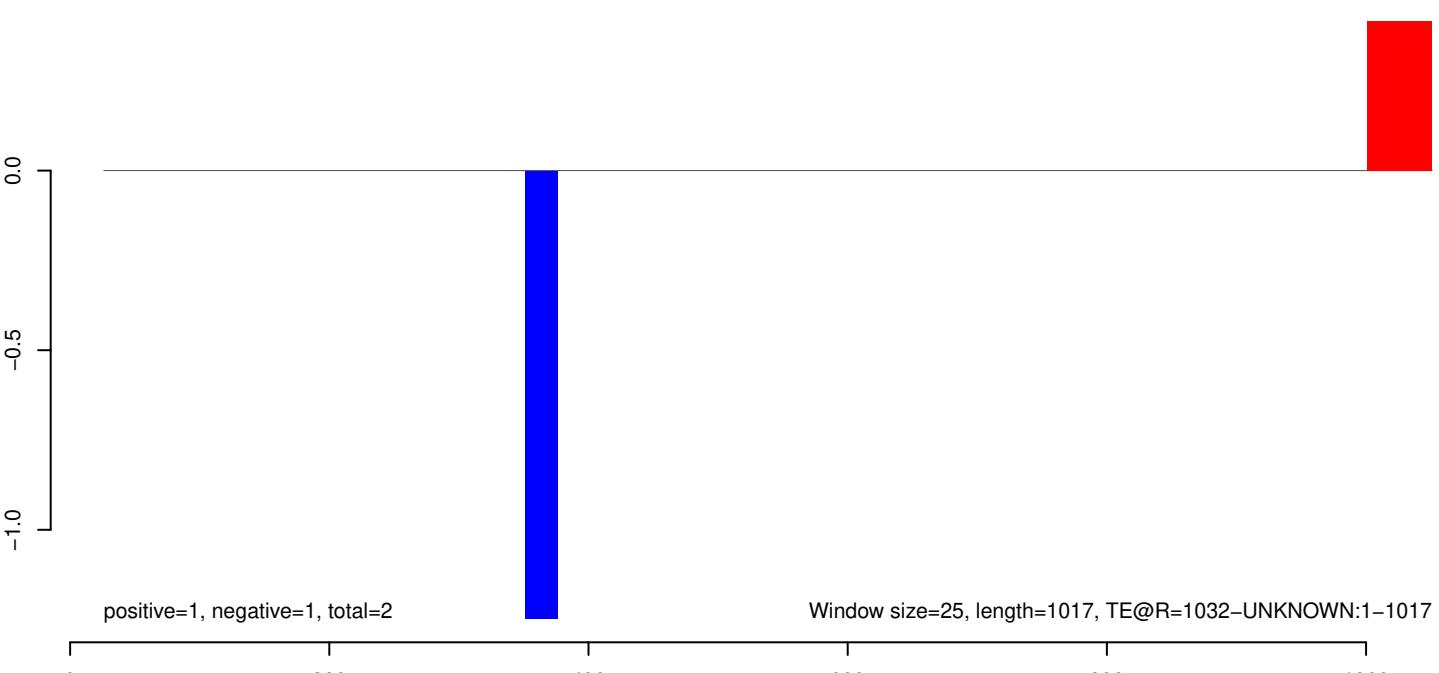
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

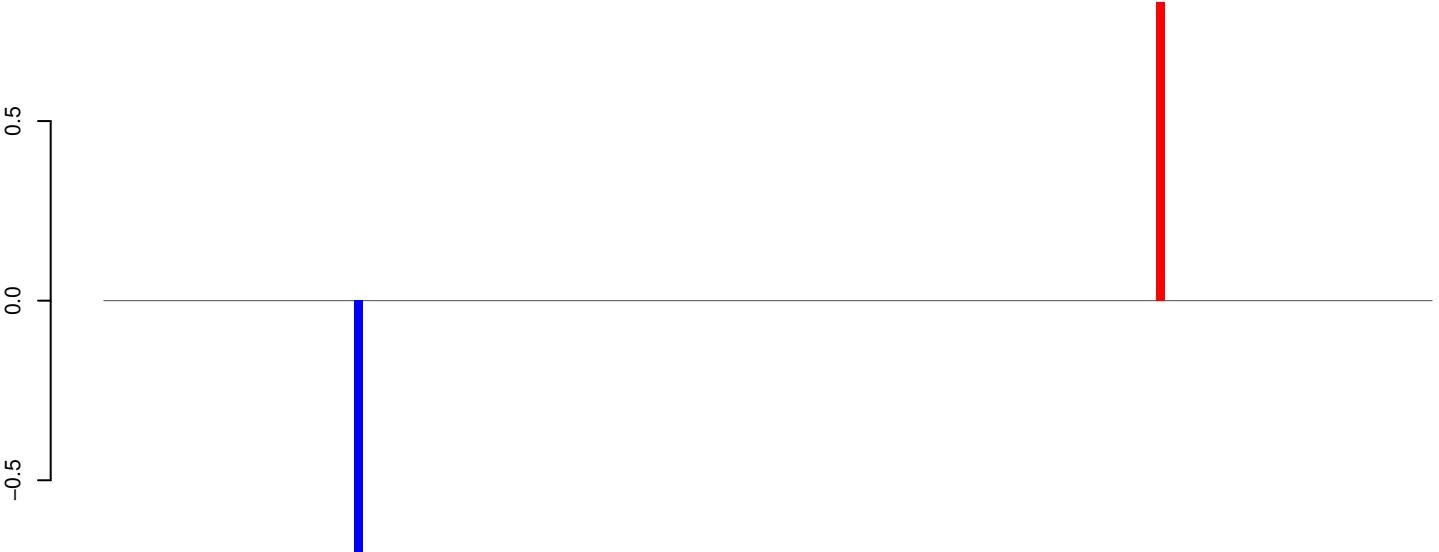


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



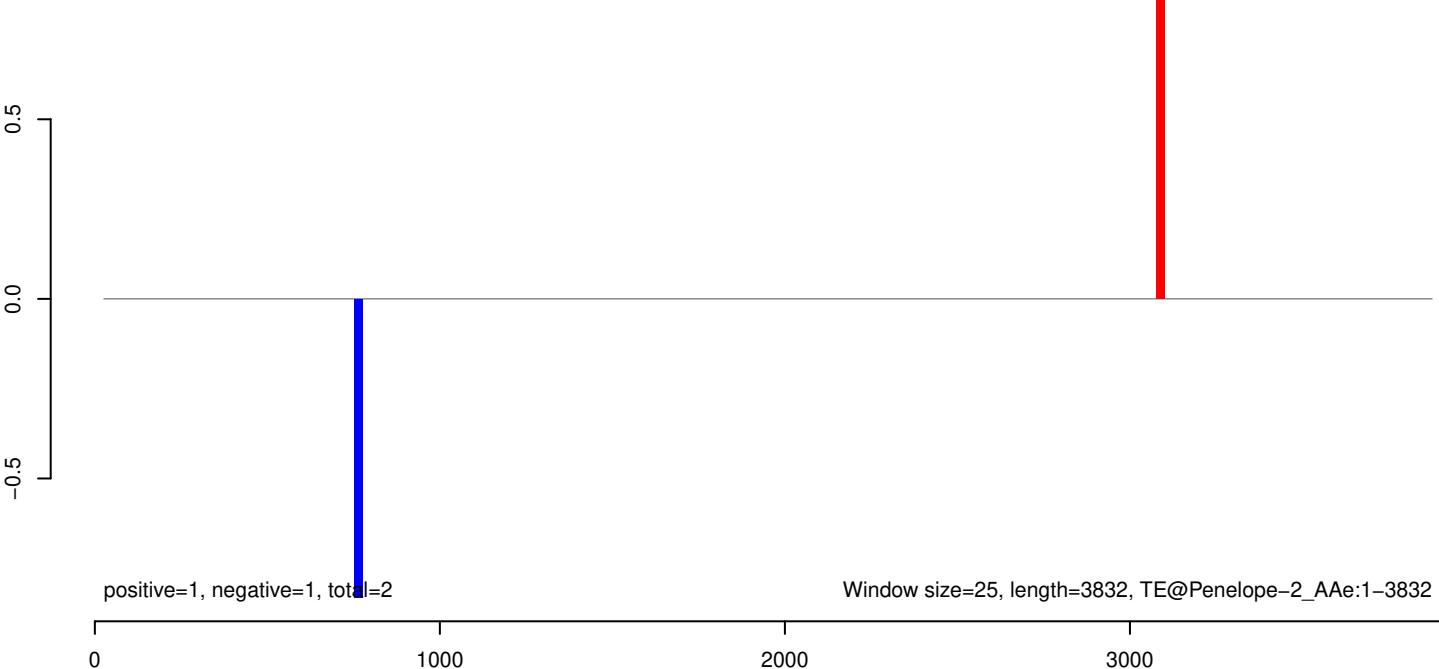
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

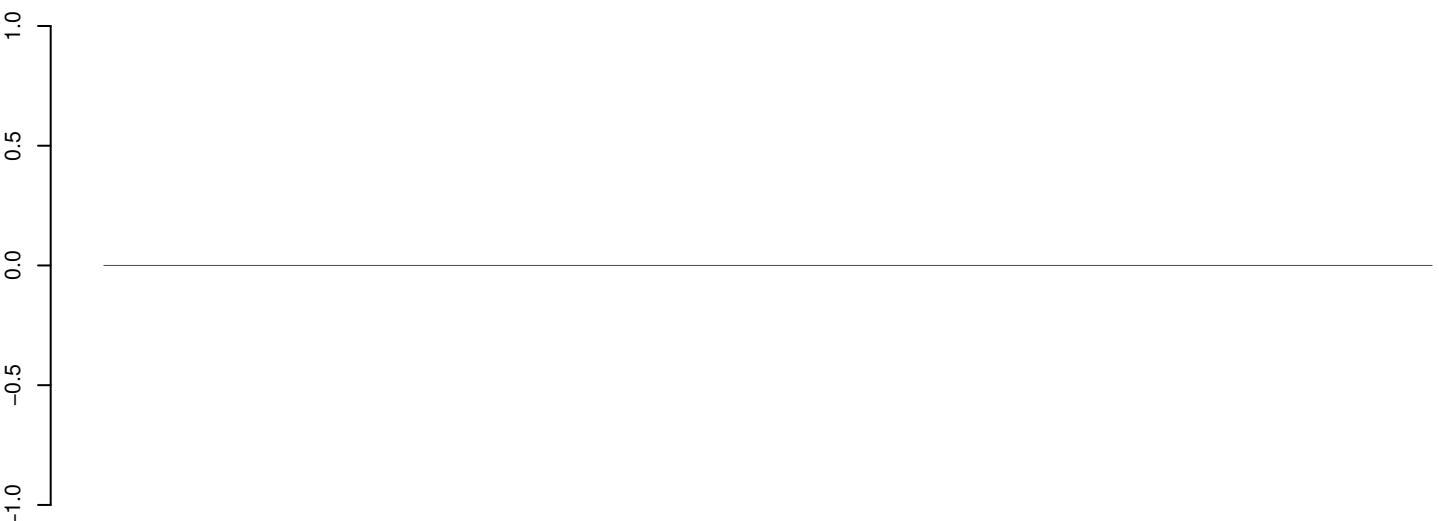


positive=1, negative=1, total=2

Window size=25, length=3832, TE@Penelope-2\_AAe:1-3832

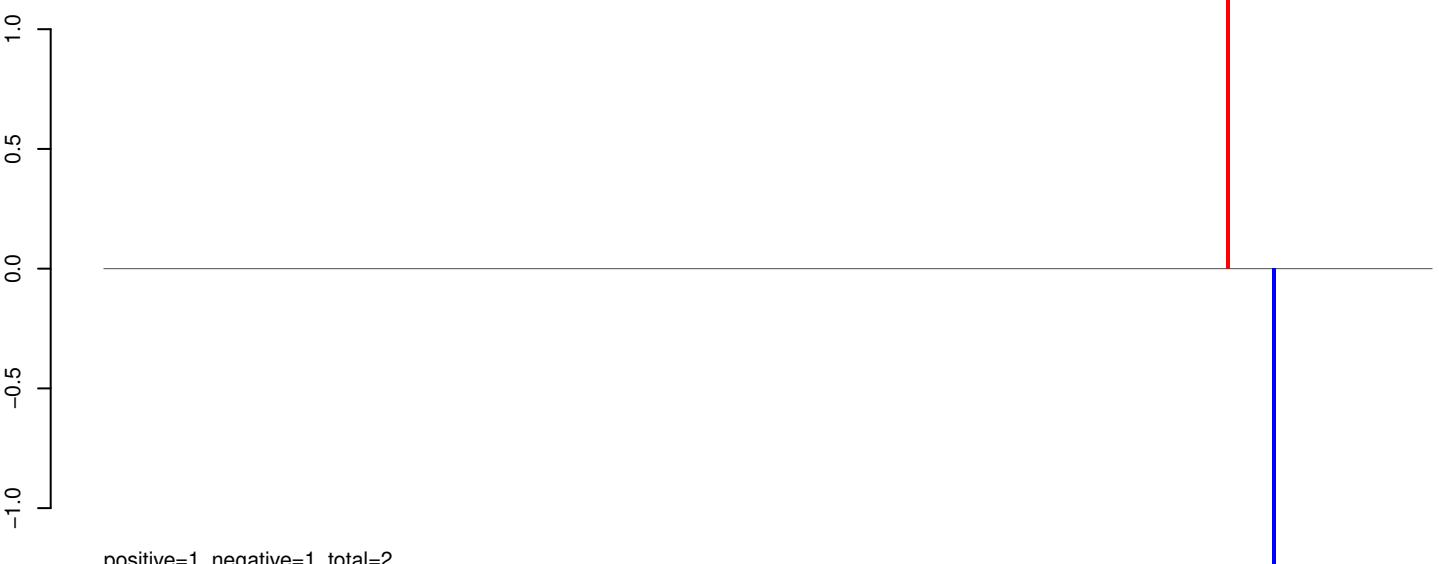
0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



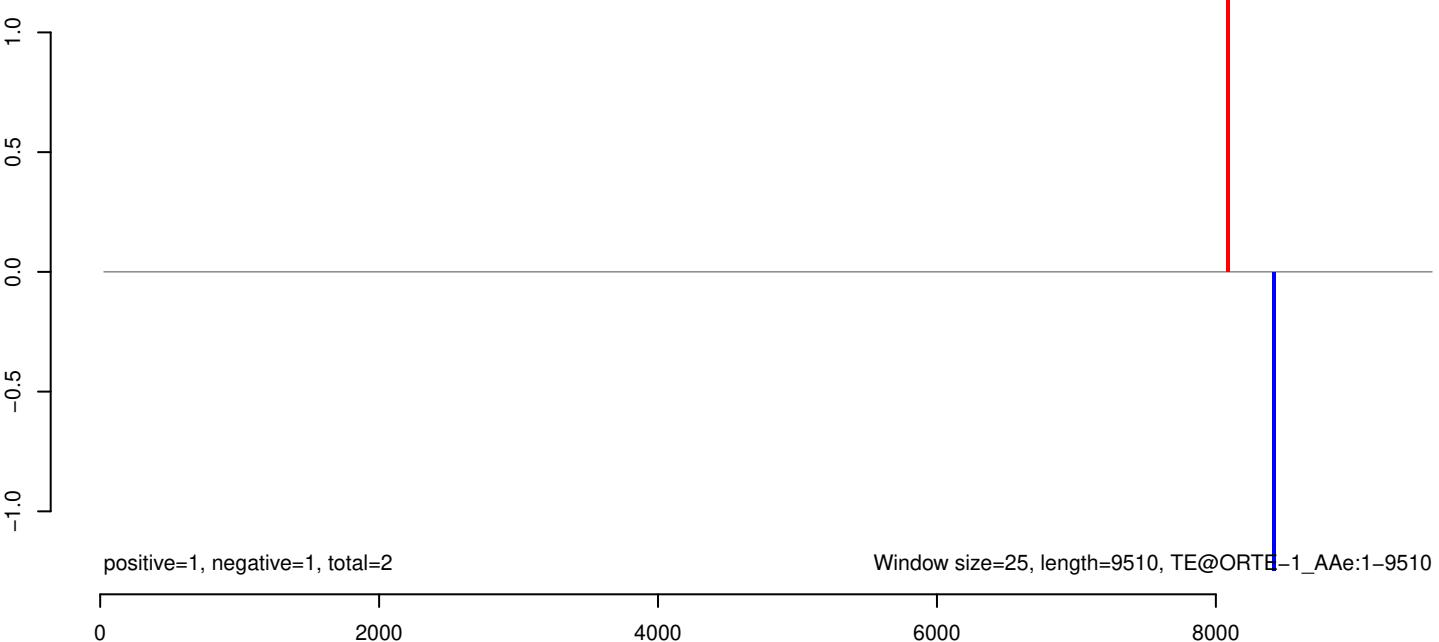
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

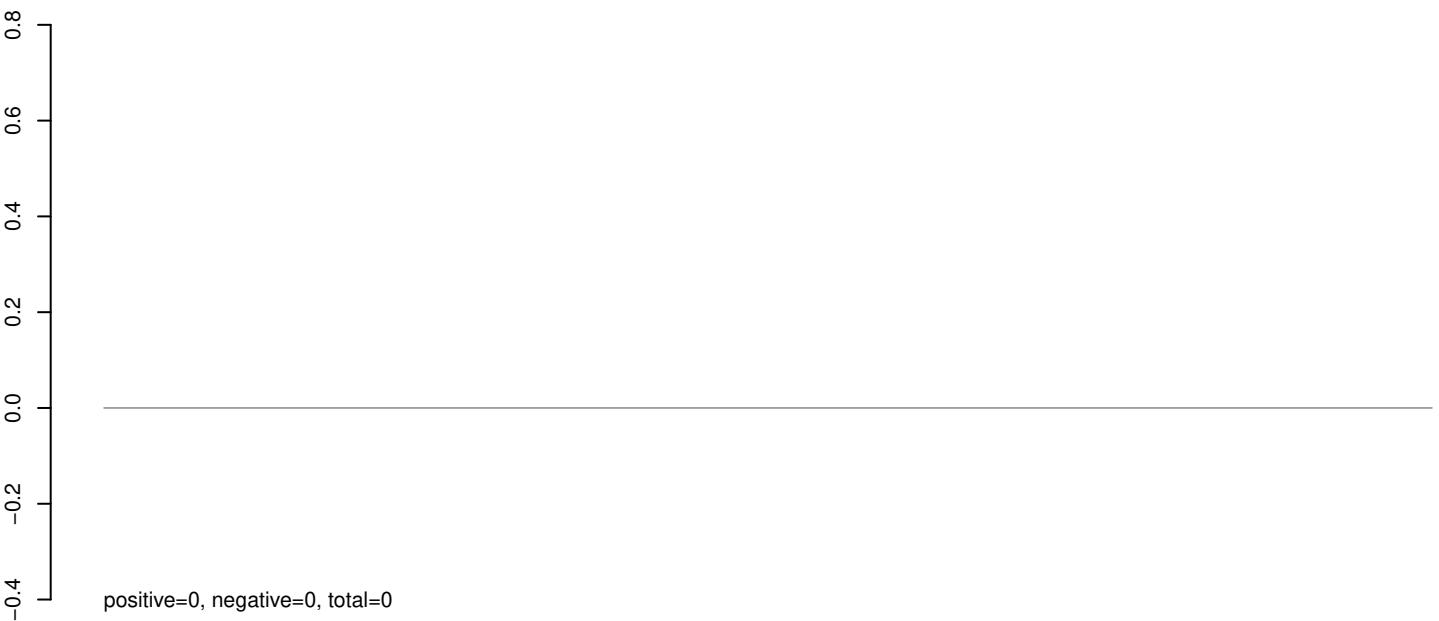


positive=1, negative=1, total=2

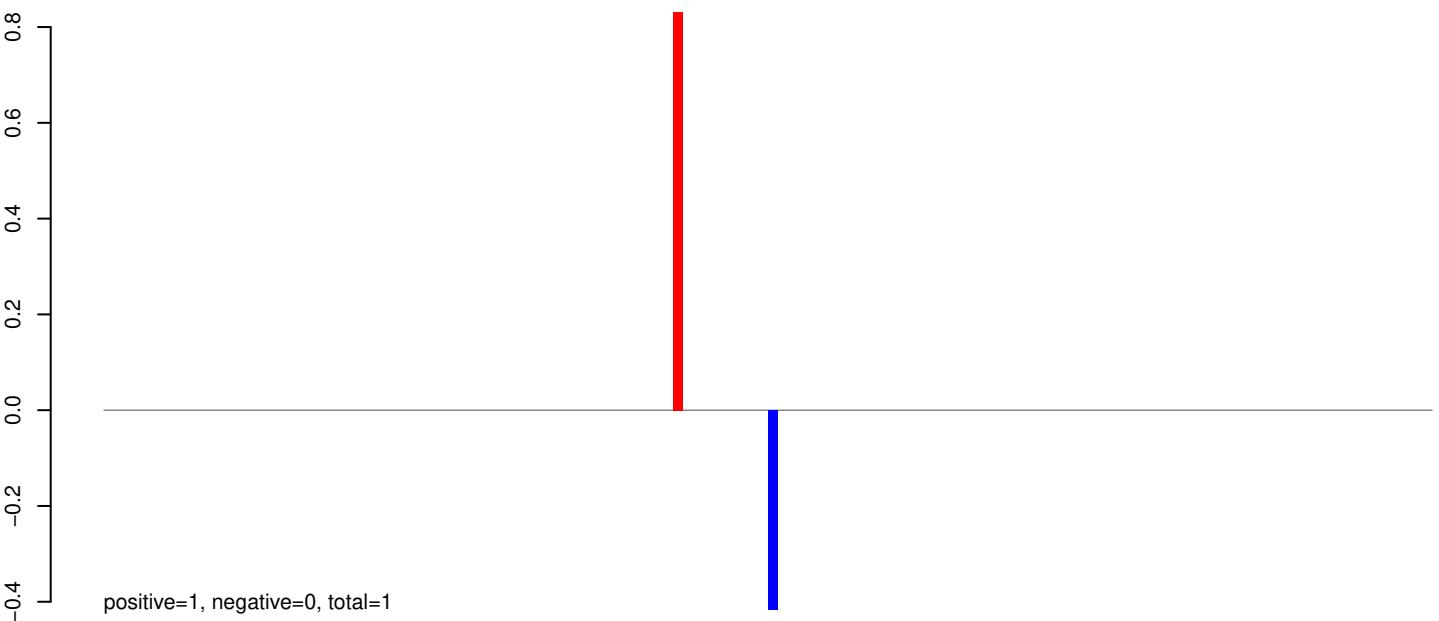
Window size=25, length=9510, TE@ORTE-1\_AAe:1-9510

0 2000 4000 6000 8000

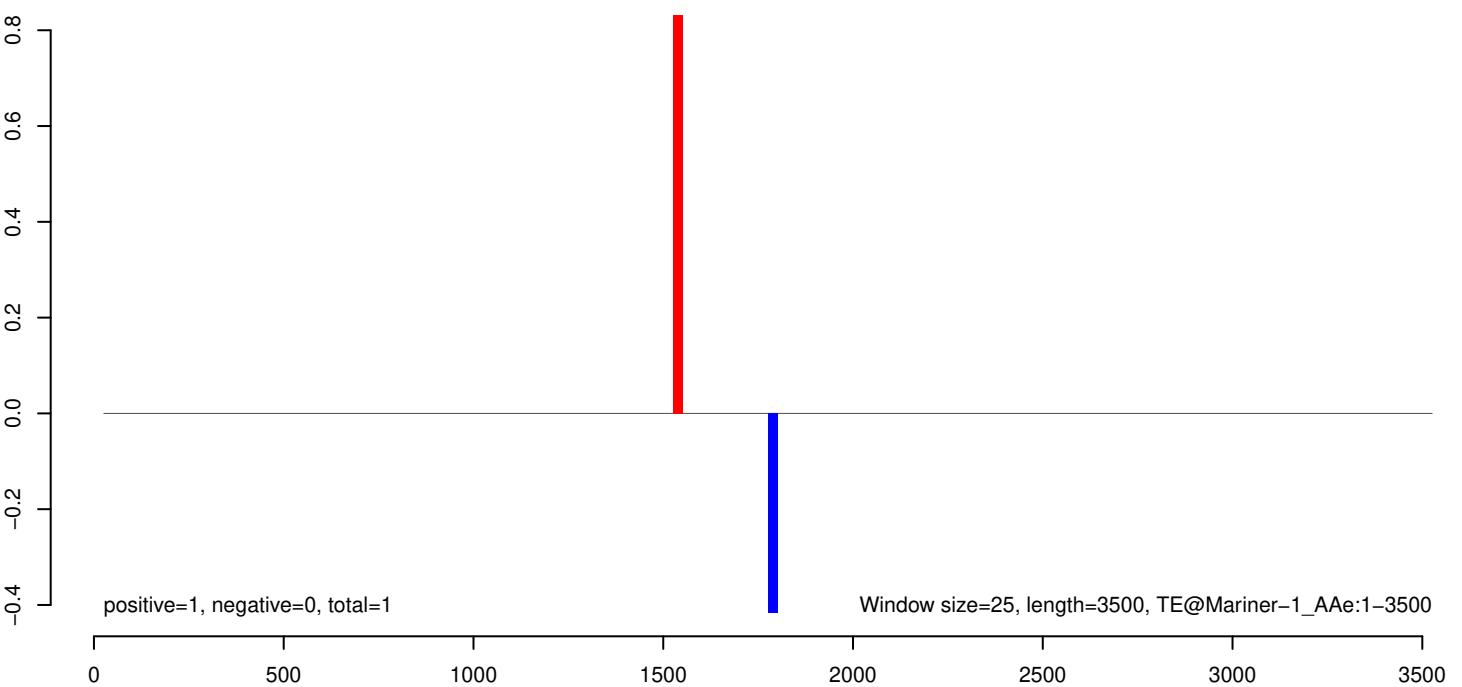
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



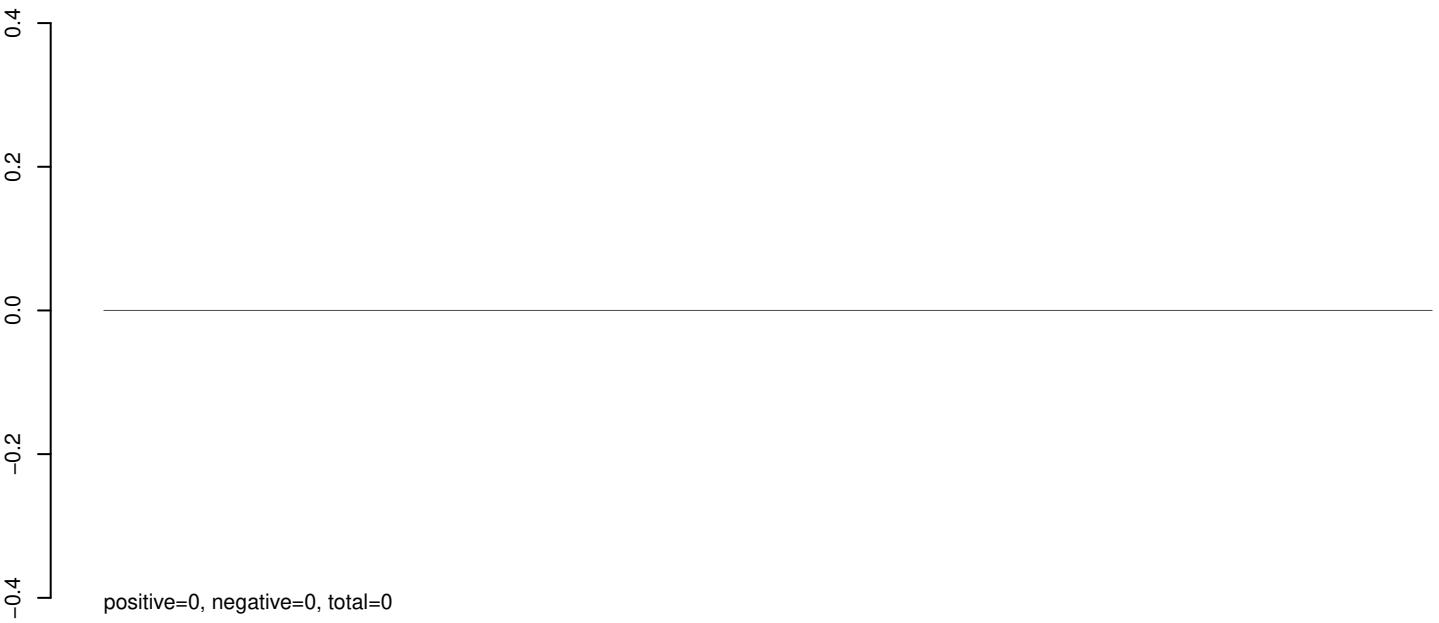
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



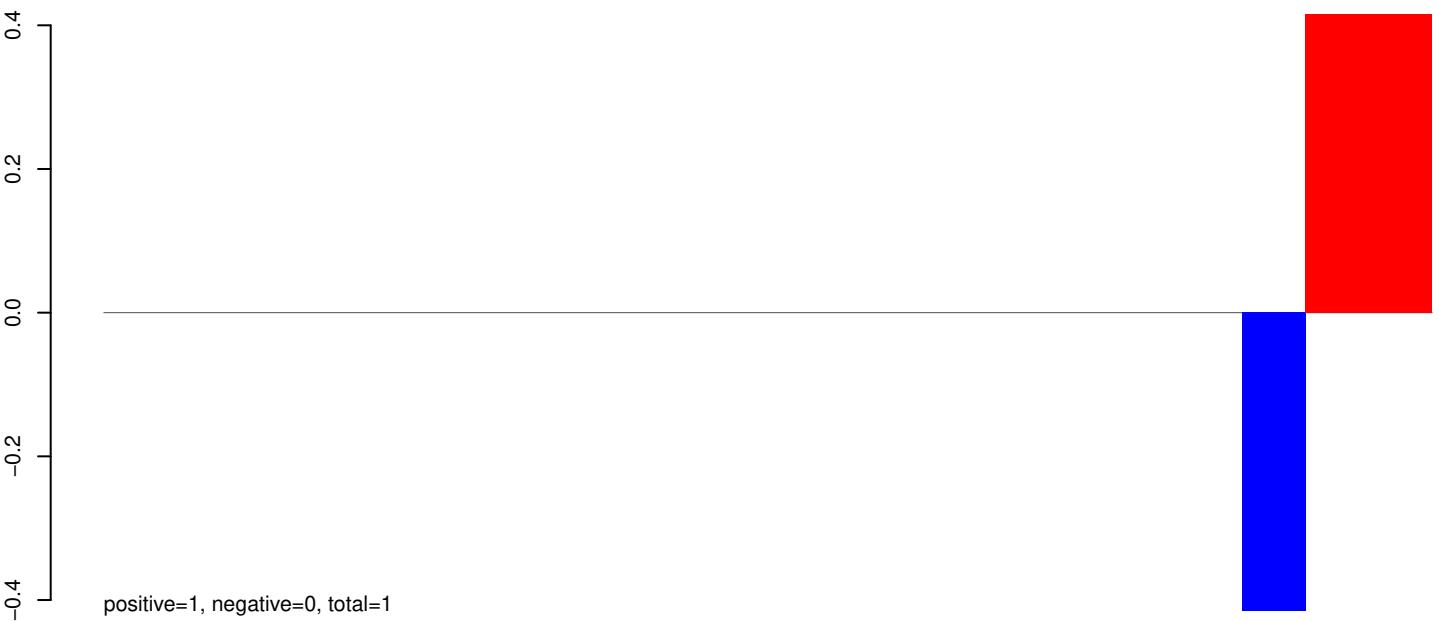
### AeAeg\_Whole\_sm\_r123\_JM.rep



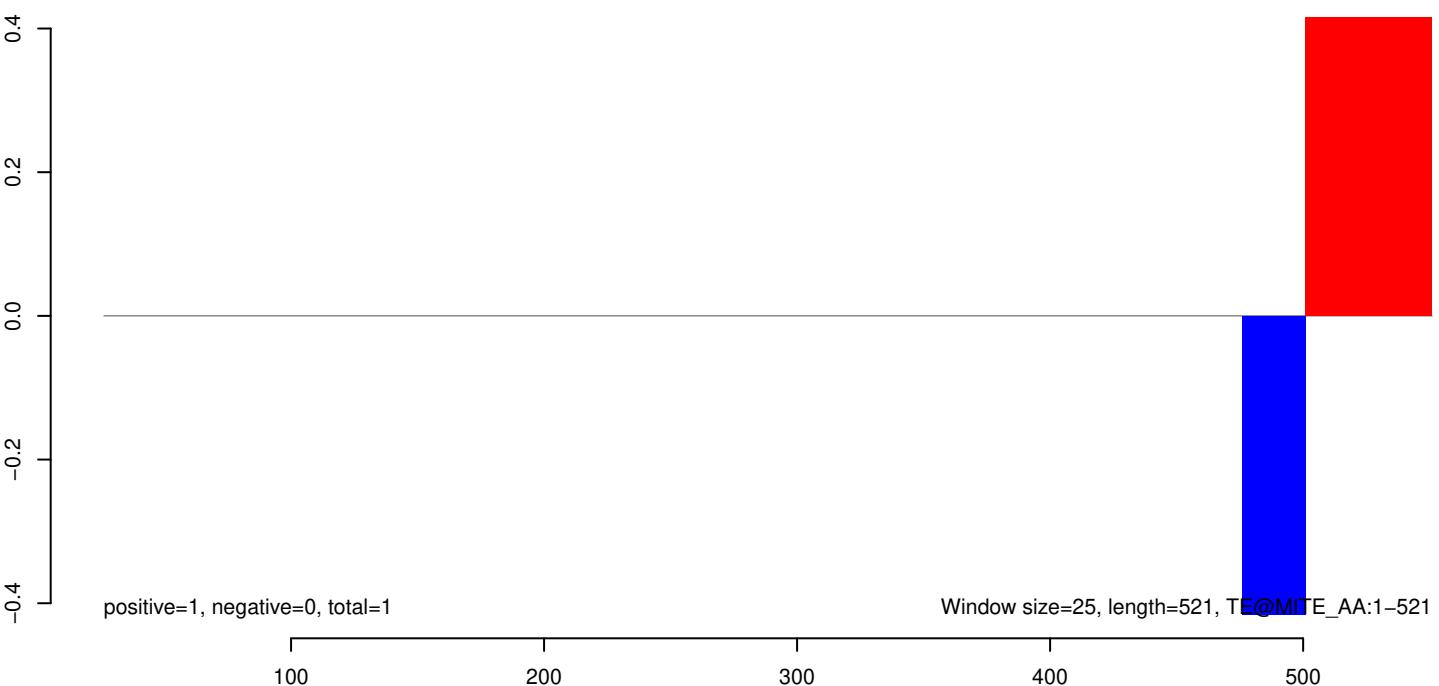
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

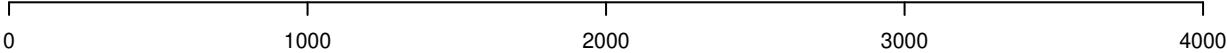
positive=0, negative=0, total=0



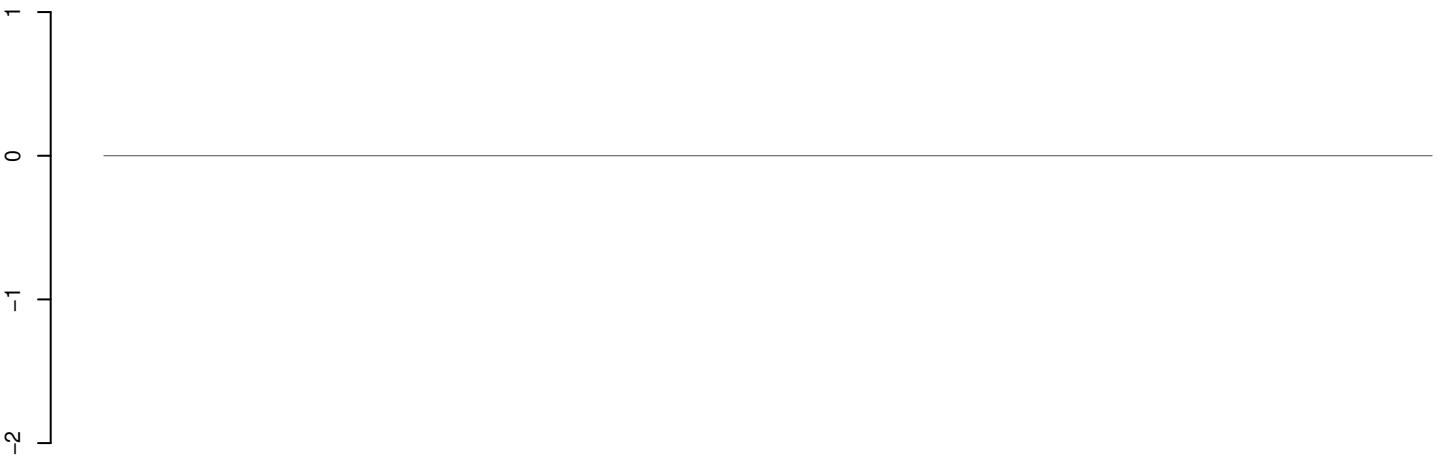
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

Window size=25, length=4443, TE@L2B-7\_AAe:1-4443

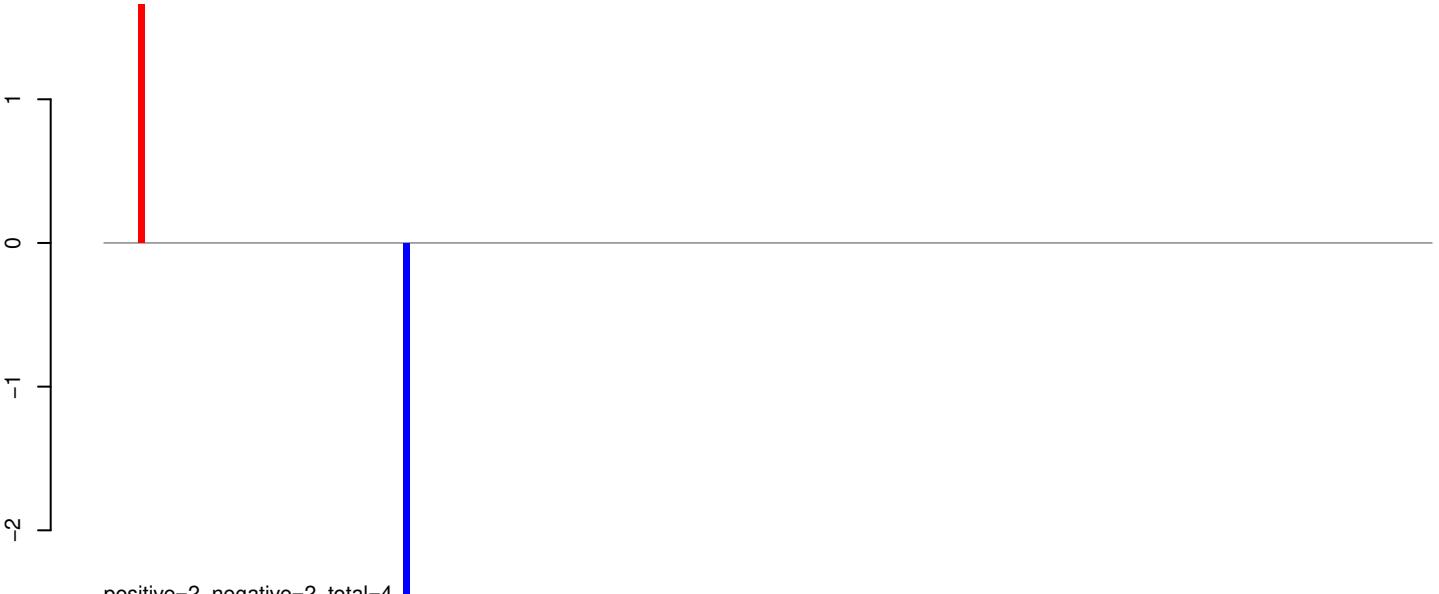


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



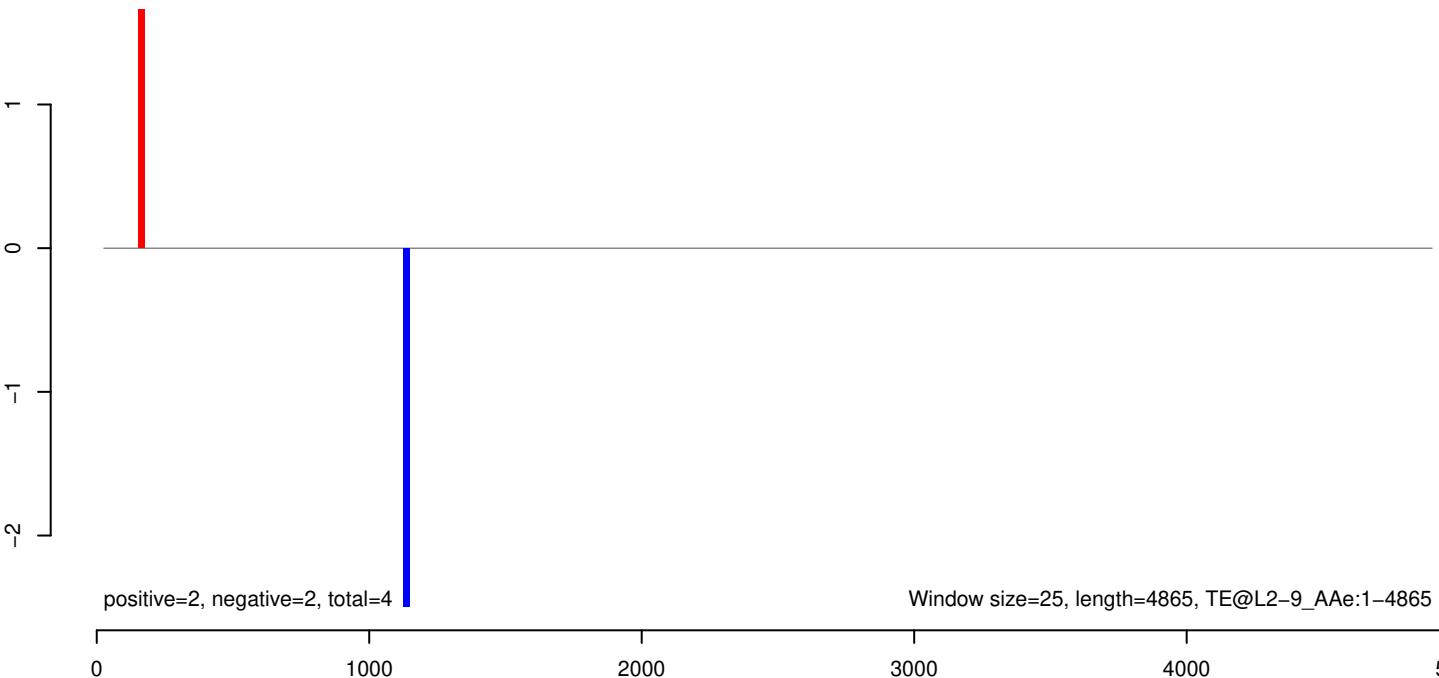
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=2, negative=2, total=4

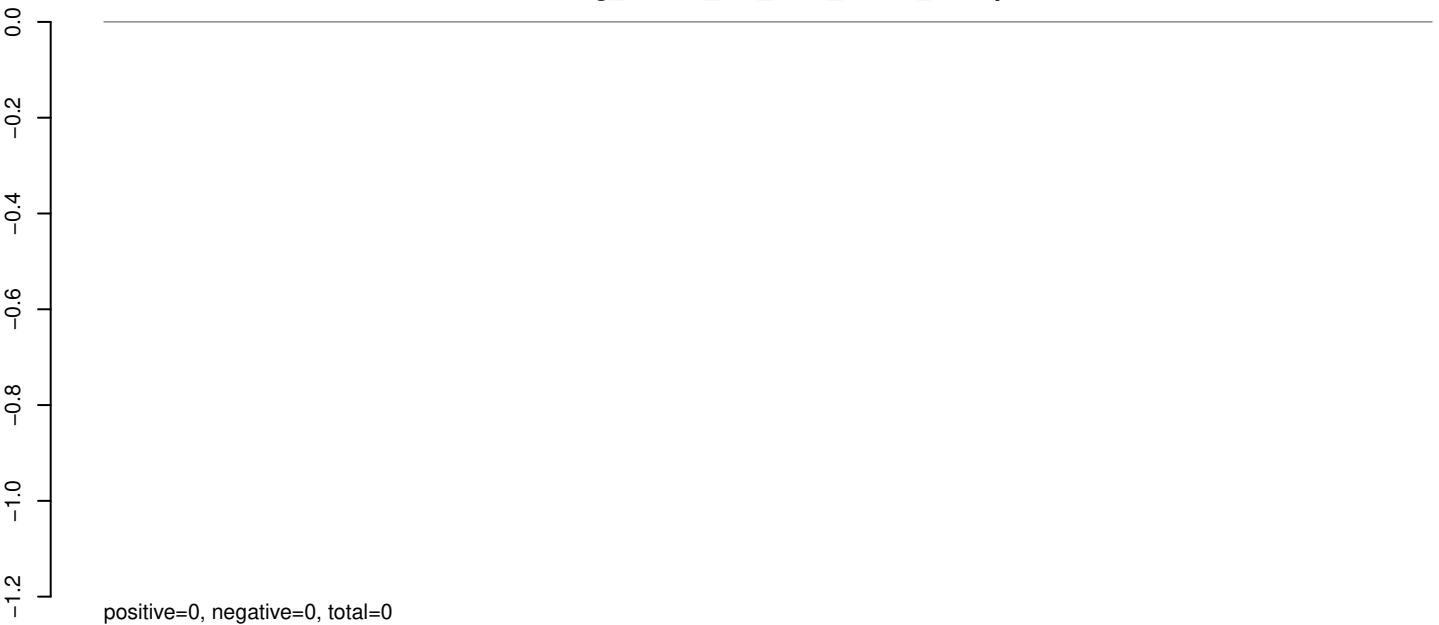
**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=2, negative=2, total=4

Window size=25, length=4865, TE@L2-9\_AAe:1-4865

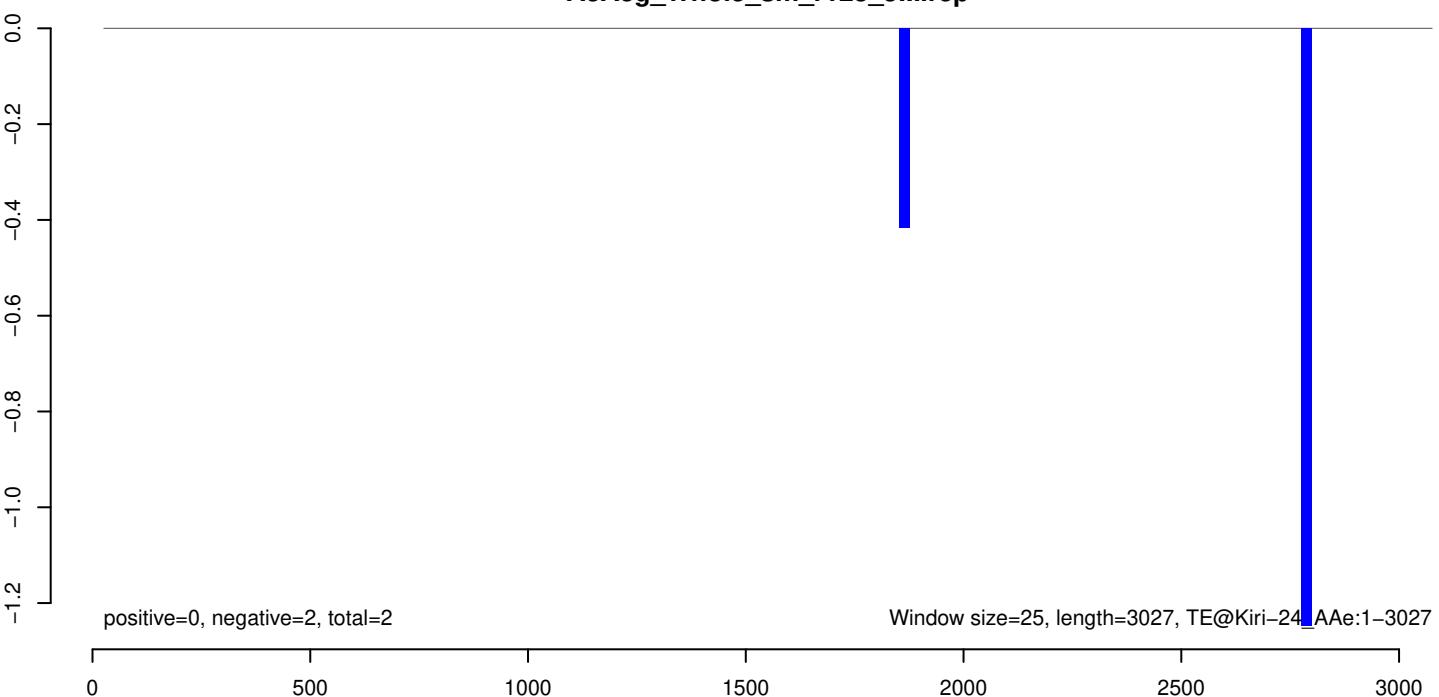
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



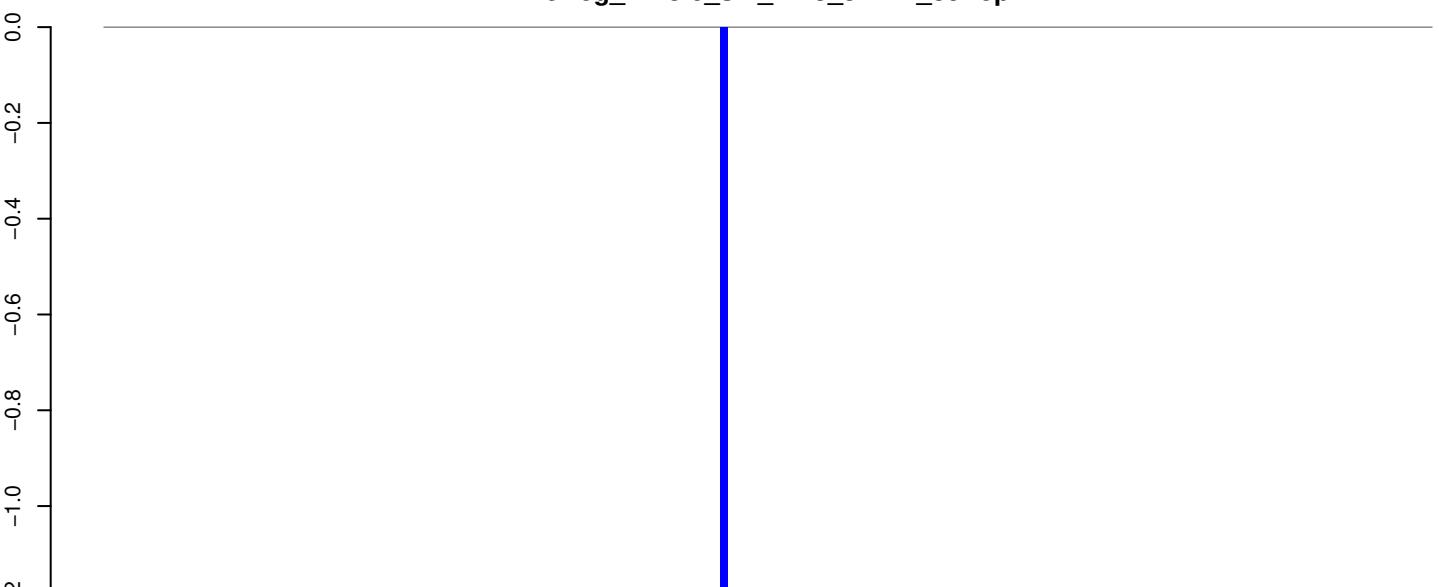
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

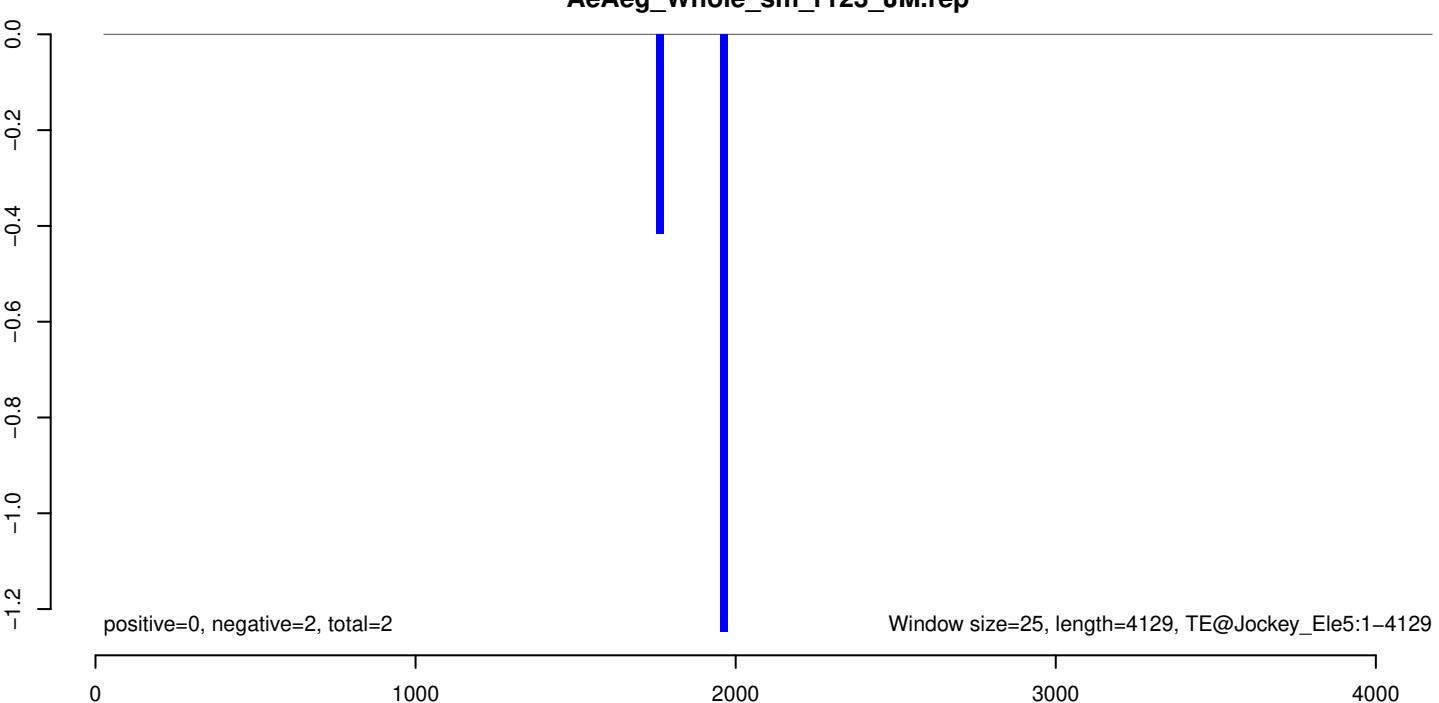
positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.rep

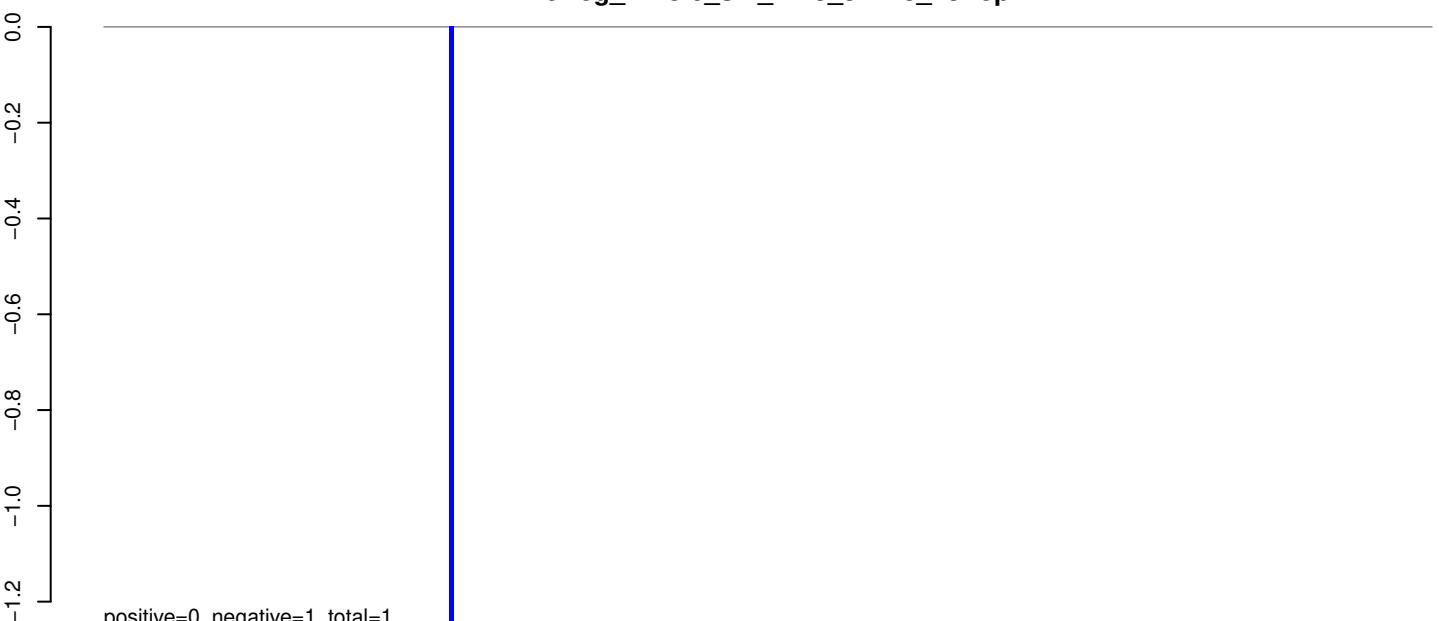
positive=0, negative=2, total=2

Window size=25, length=4129, TE@Jockey\_Ele5:1–4129



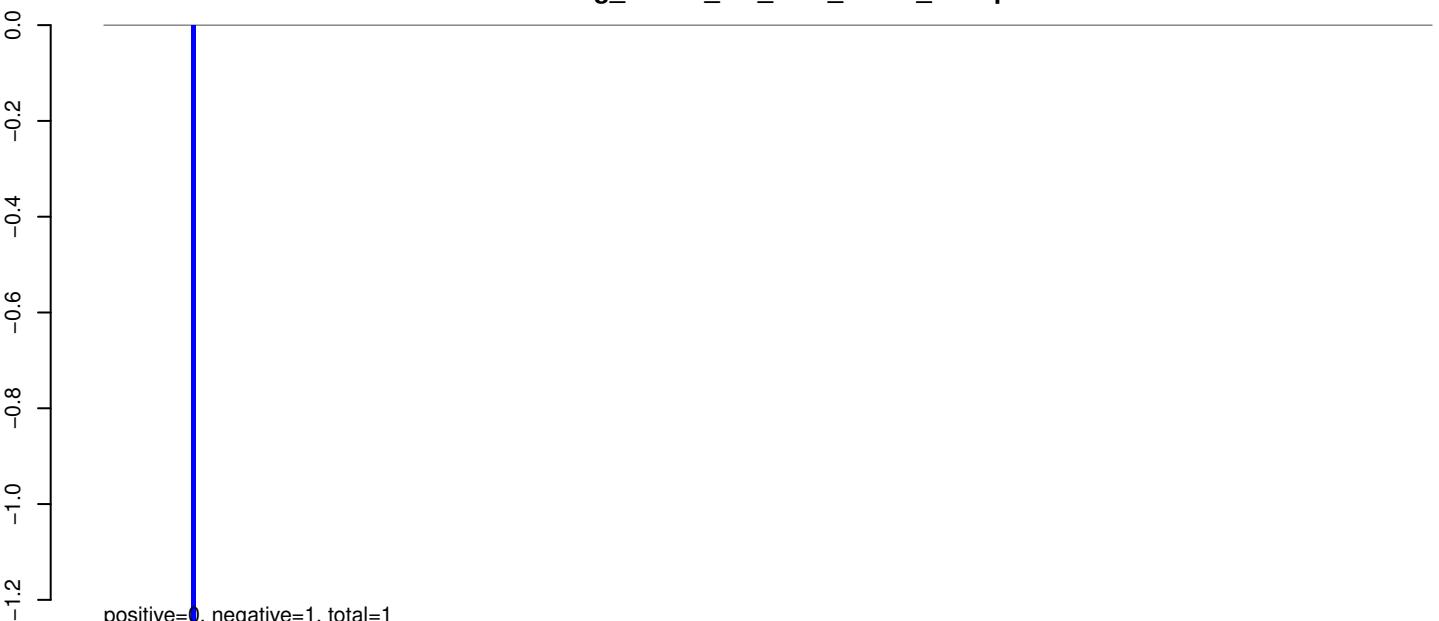
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

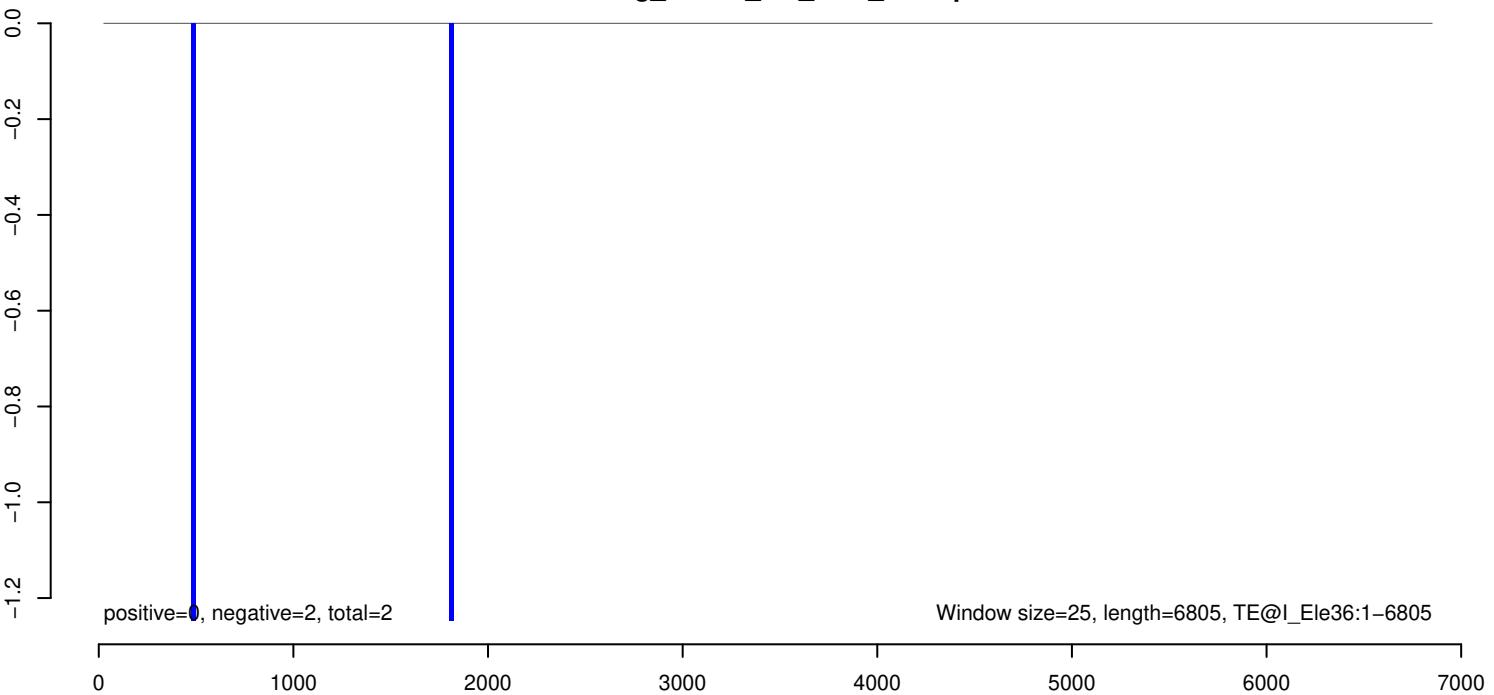
positive=0, negative=1, total=1



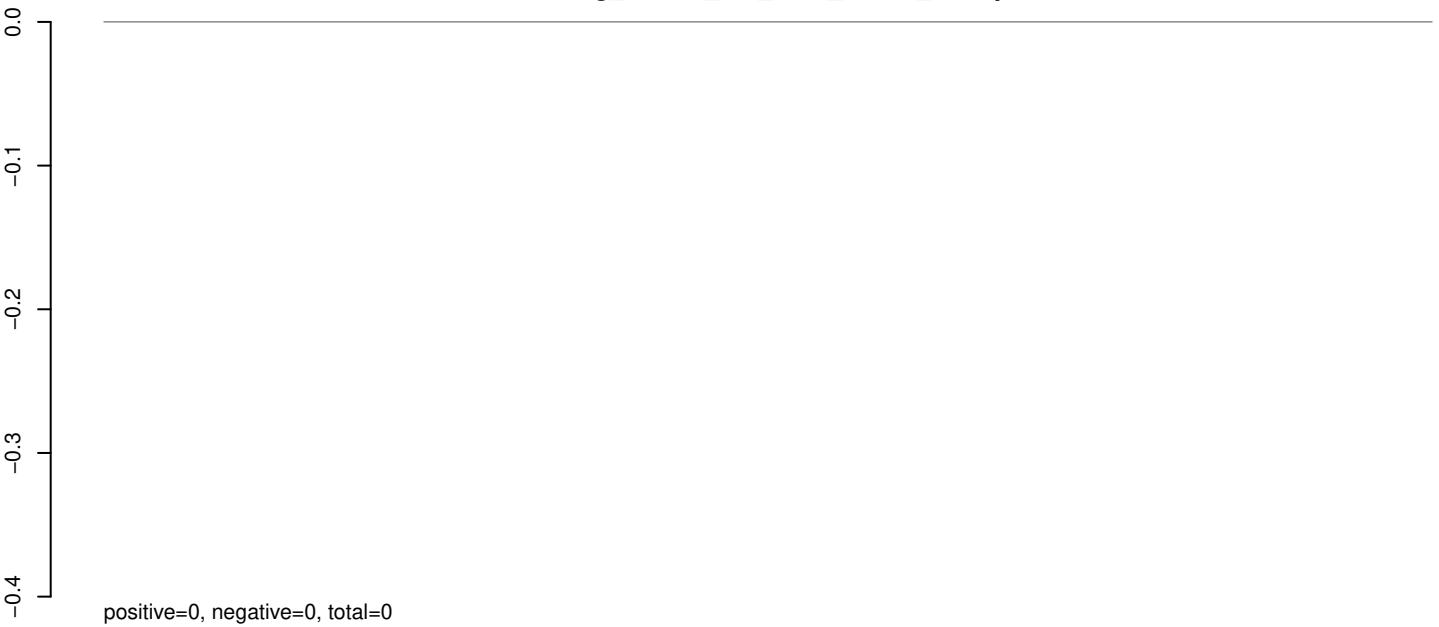
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

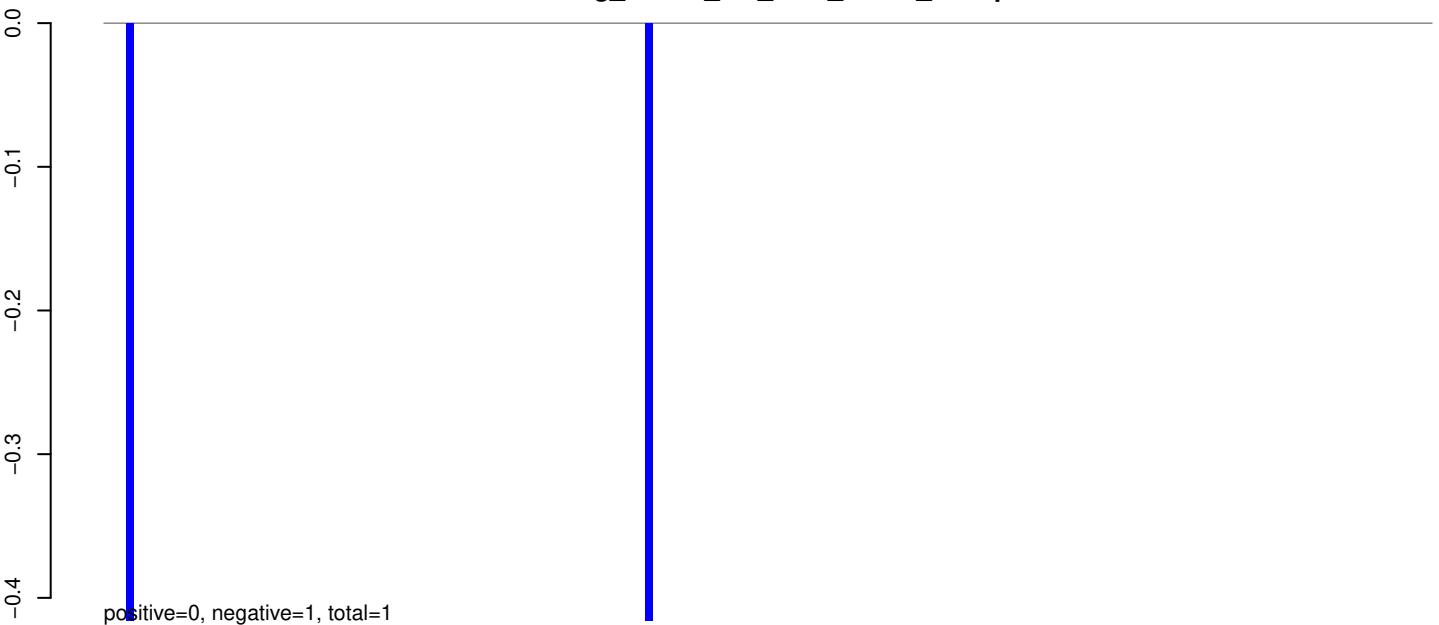
Window size=25, length=6805, TE@I\_Ele36:1-6805



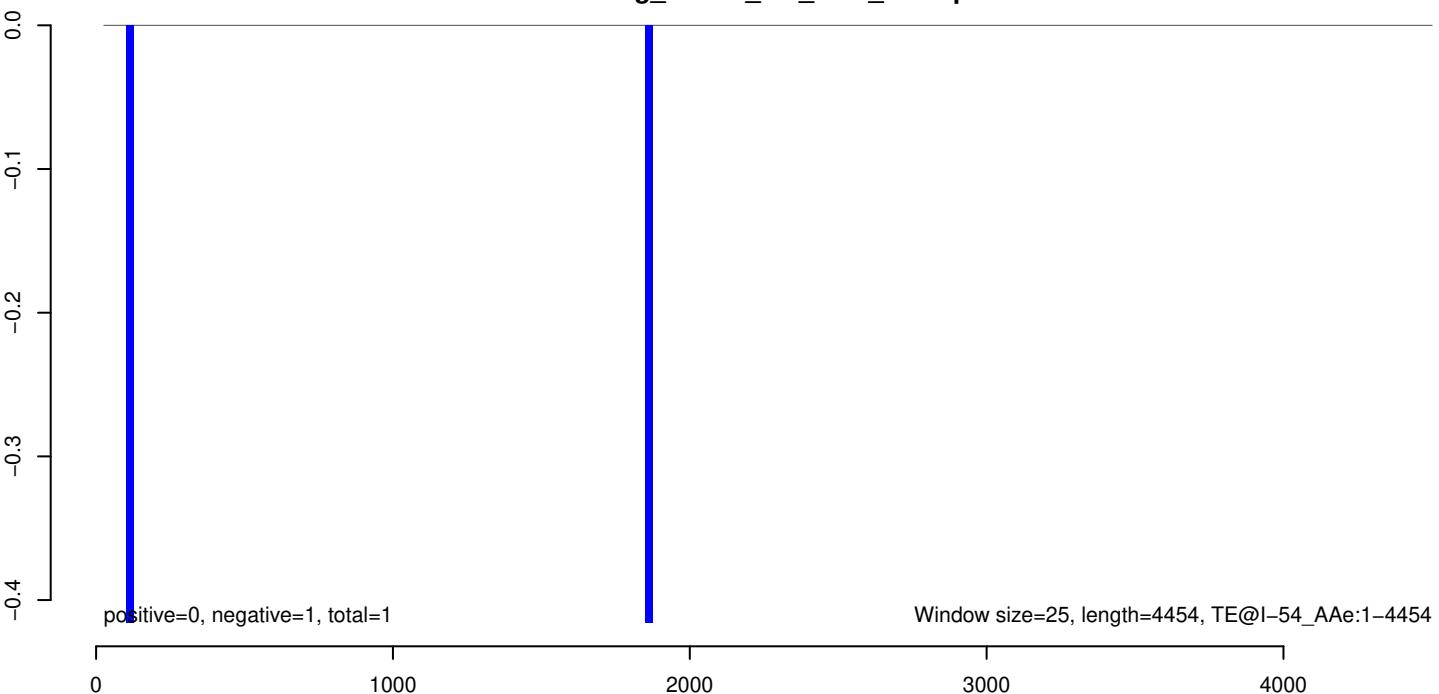
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



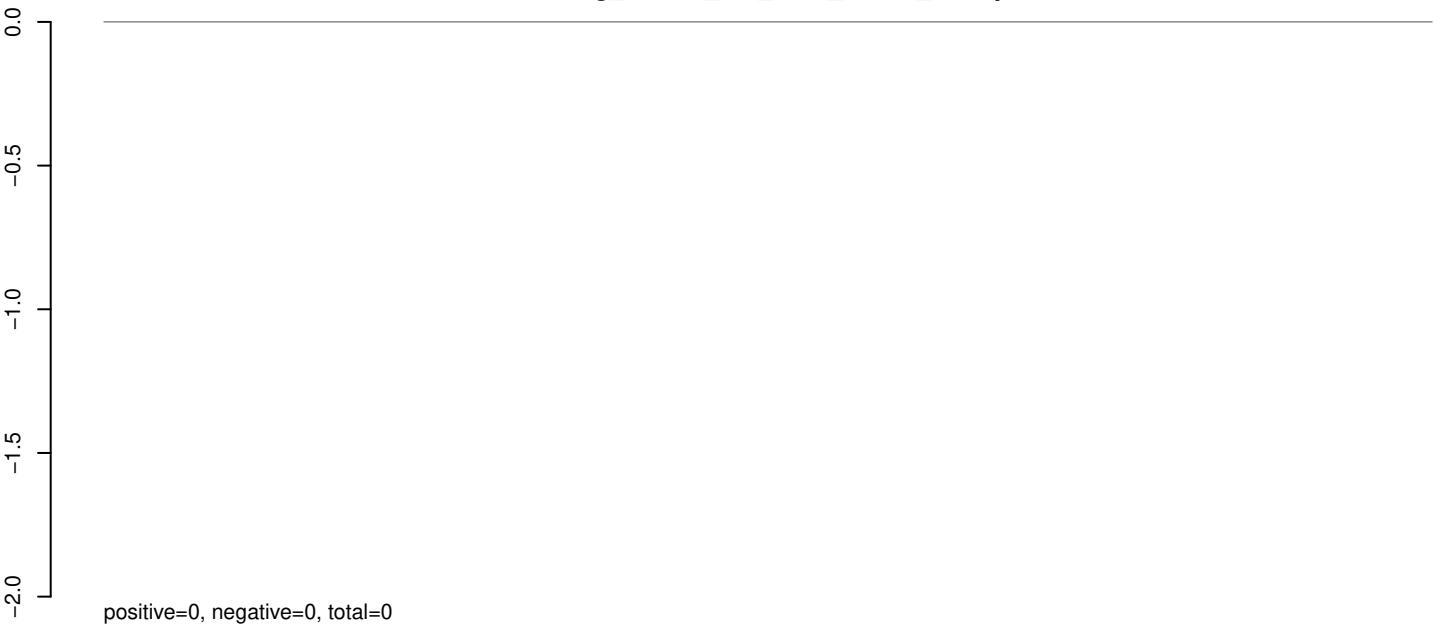
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



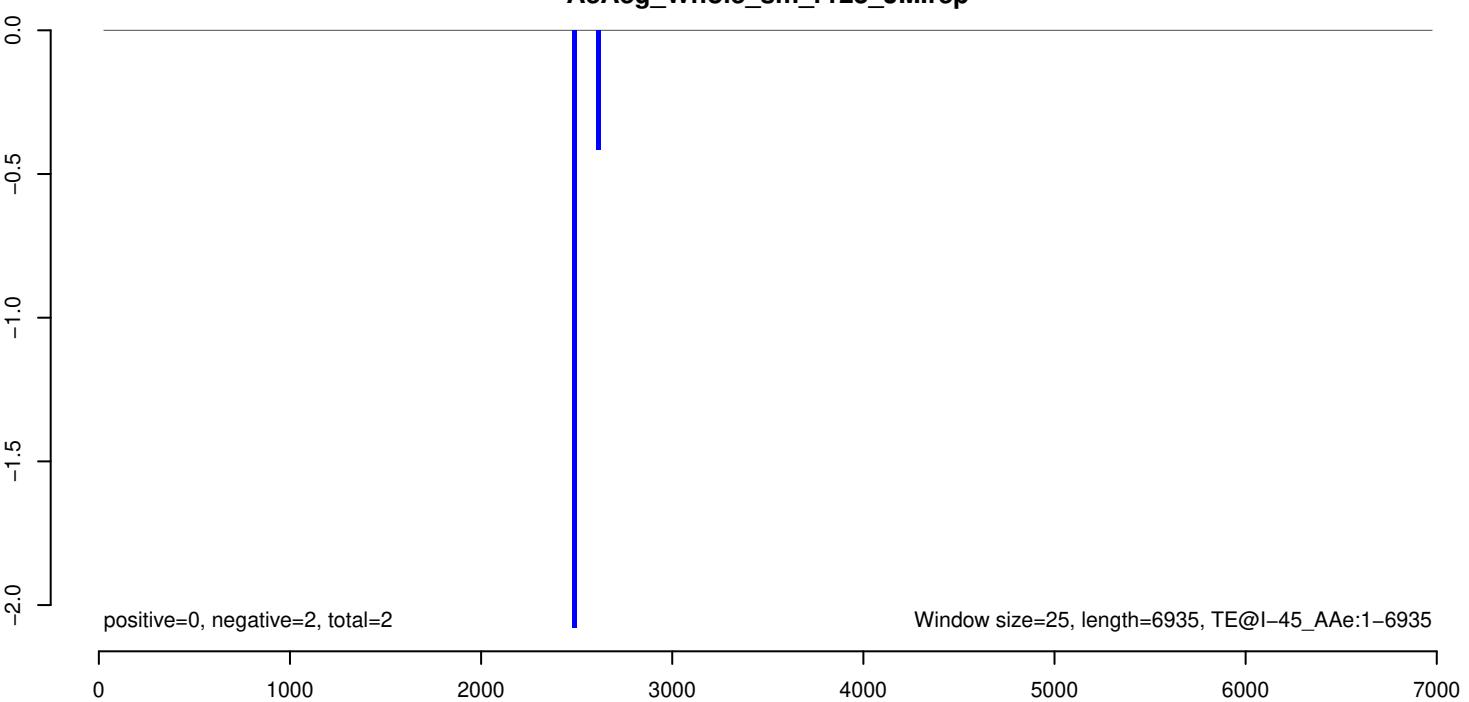
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



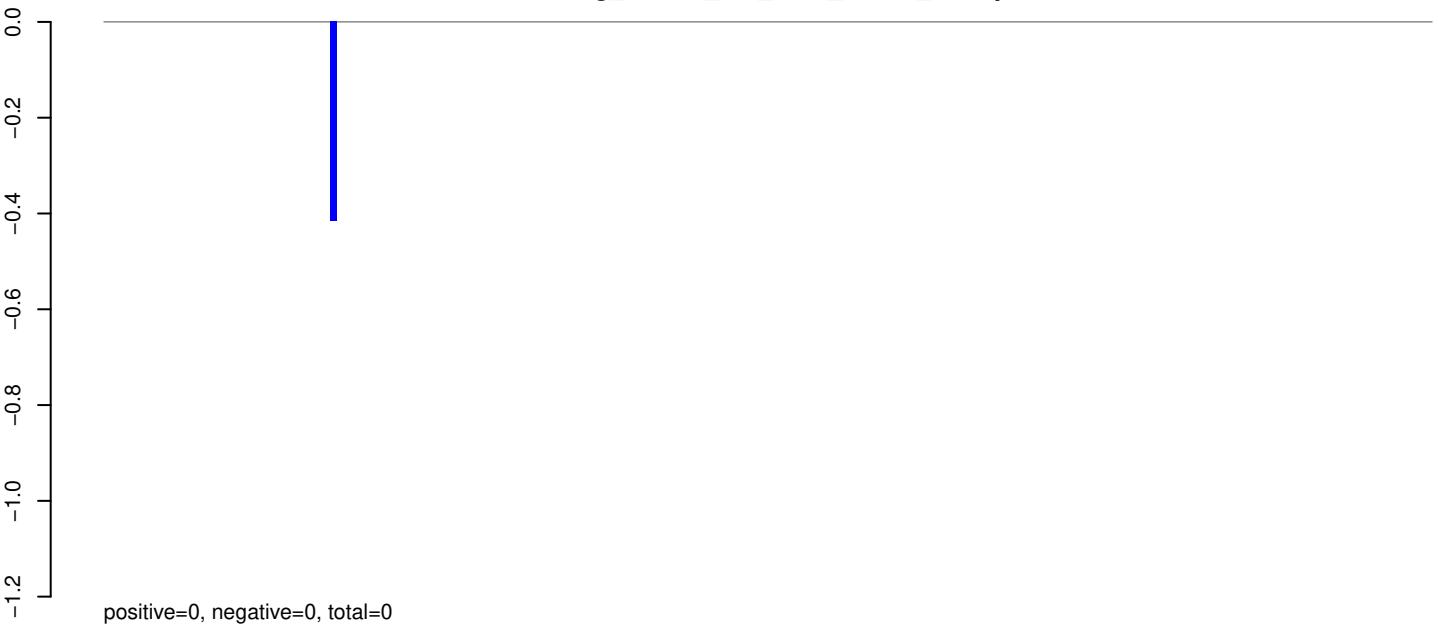
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



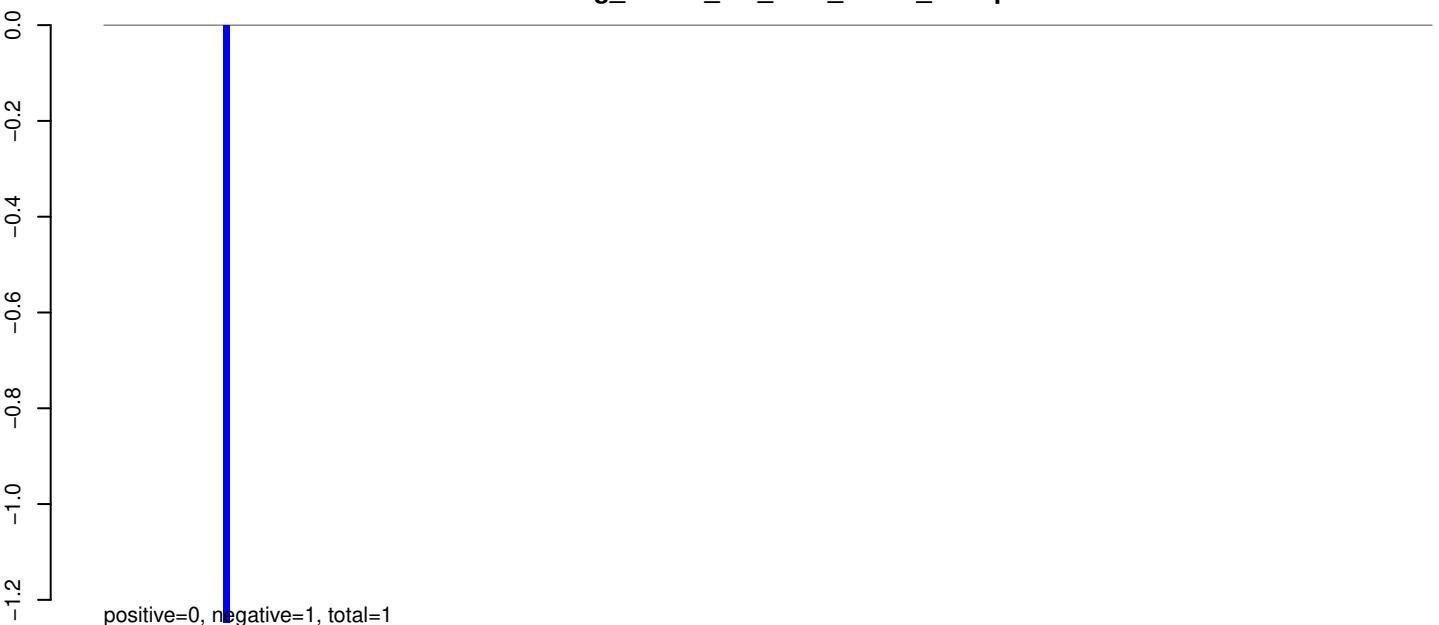
### AeAeg\_Whole\_sm\_r123\_JM.rep



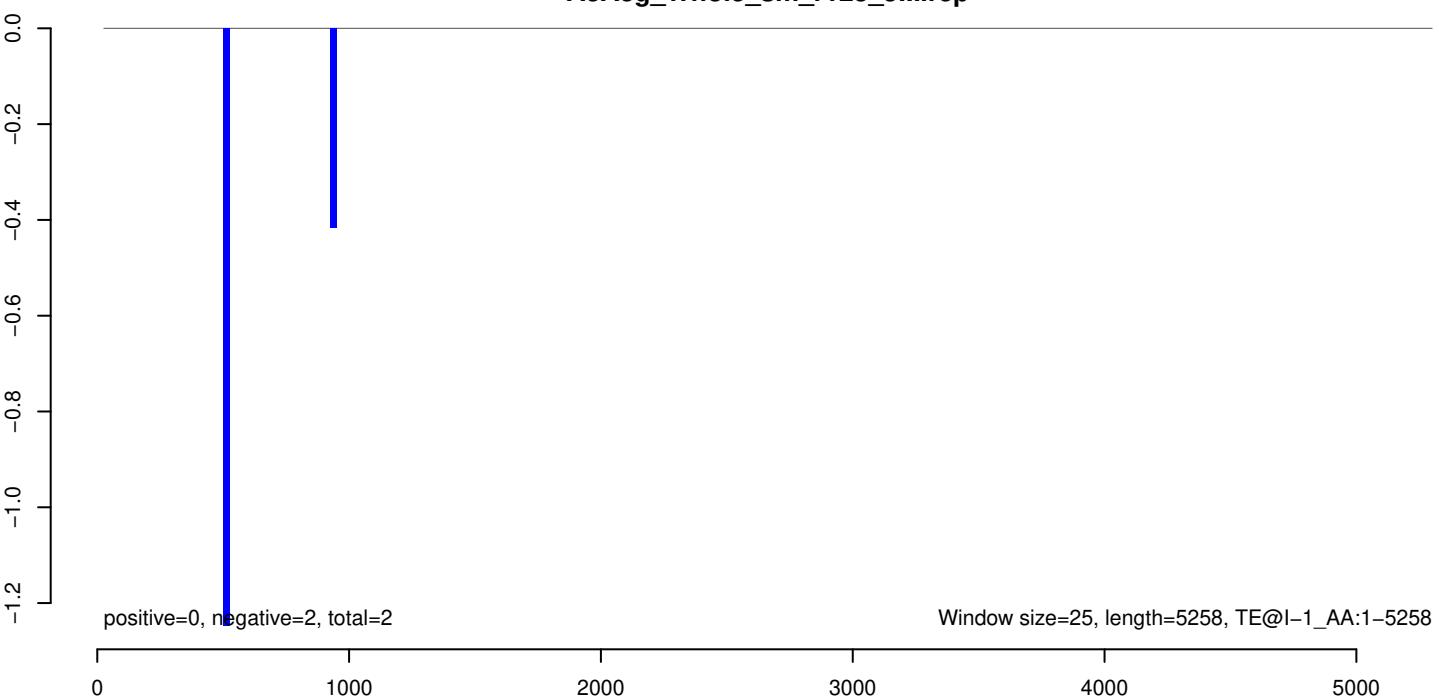
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



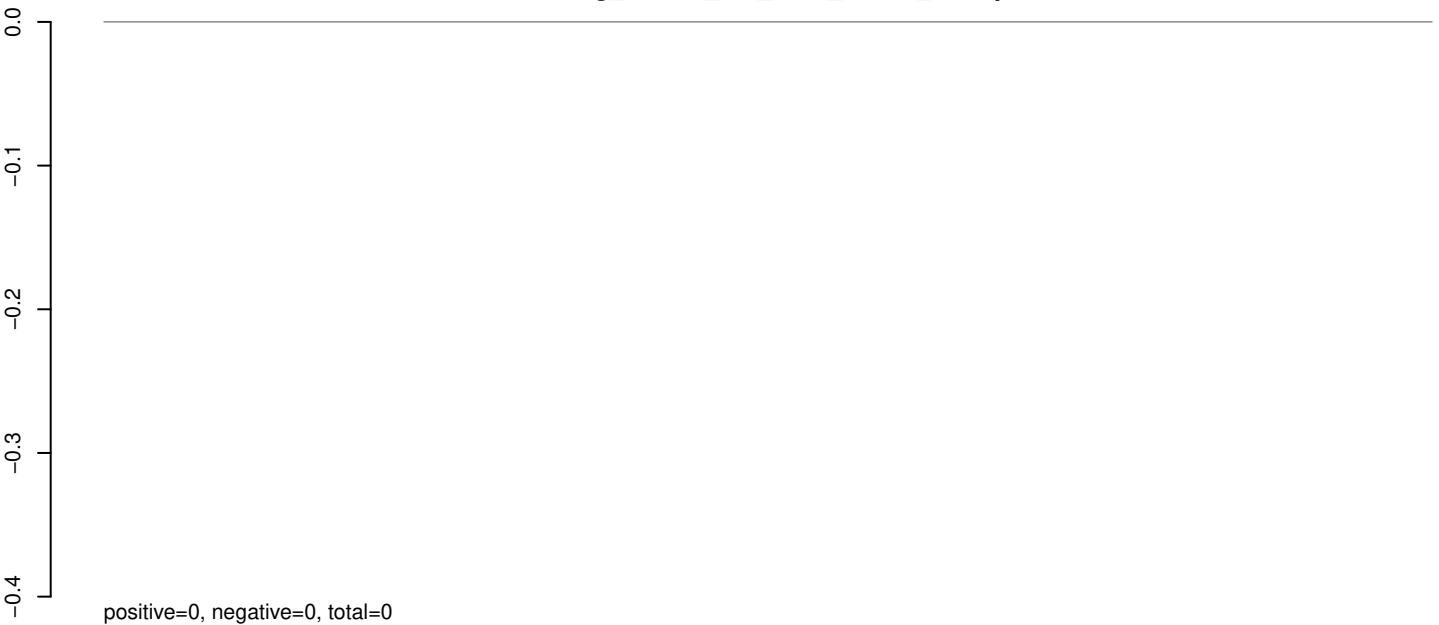
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



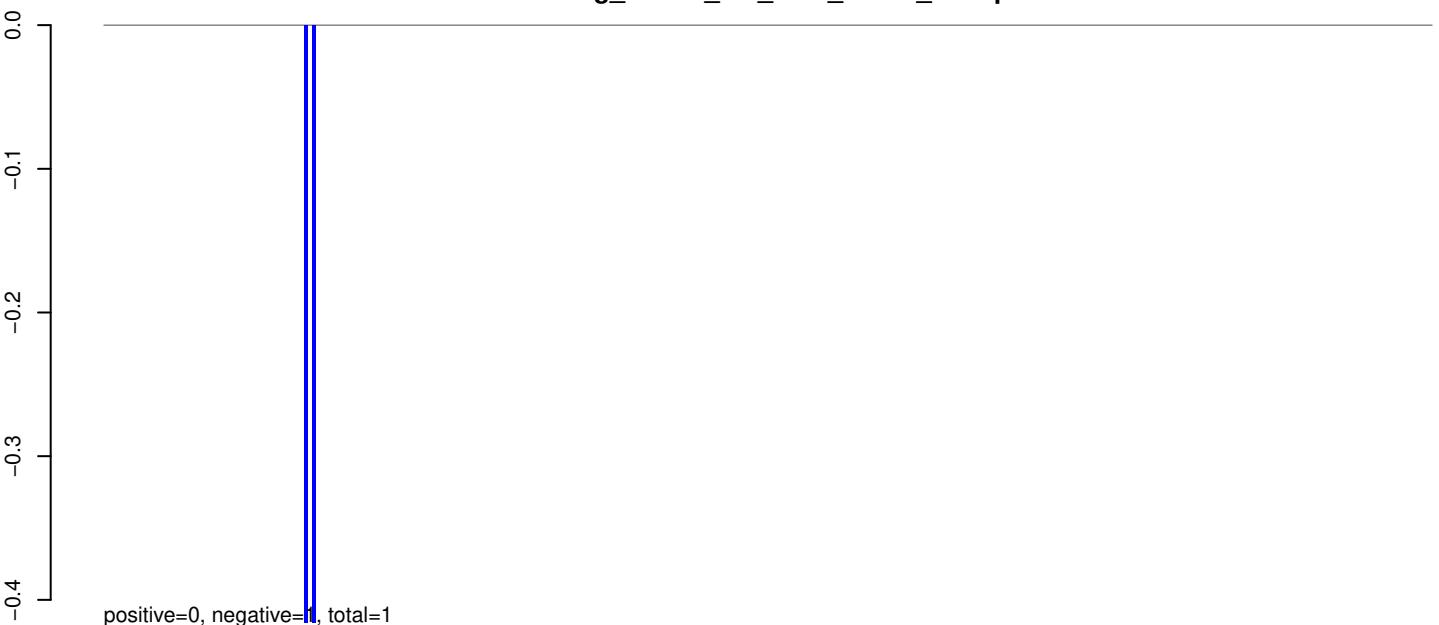
### AeAeg\_Whole\_sm\_r123\_JM.rep



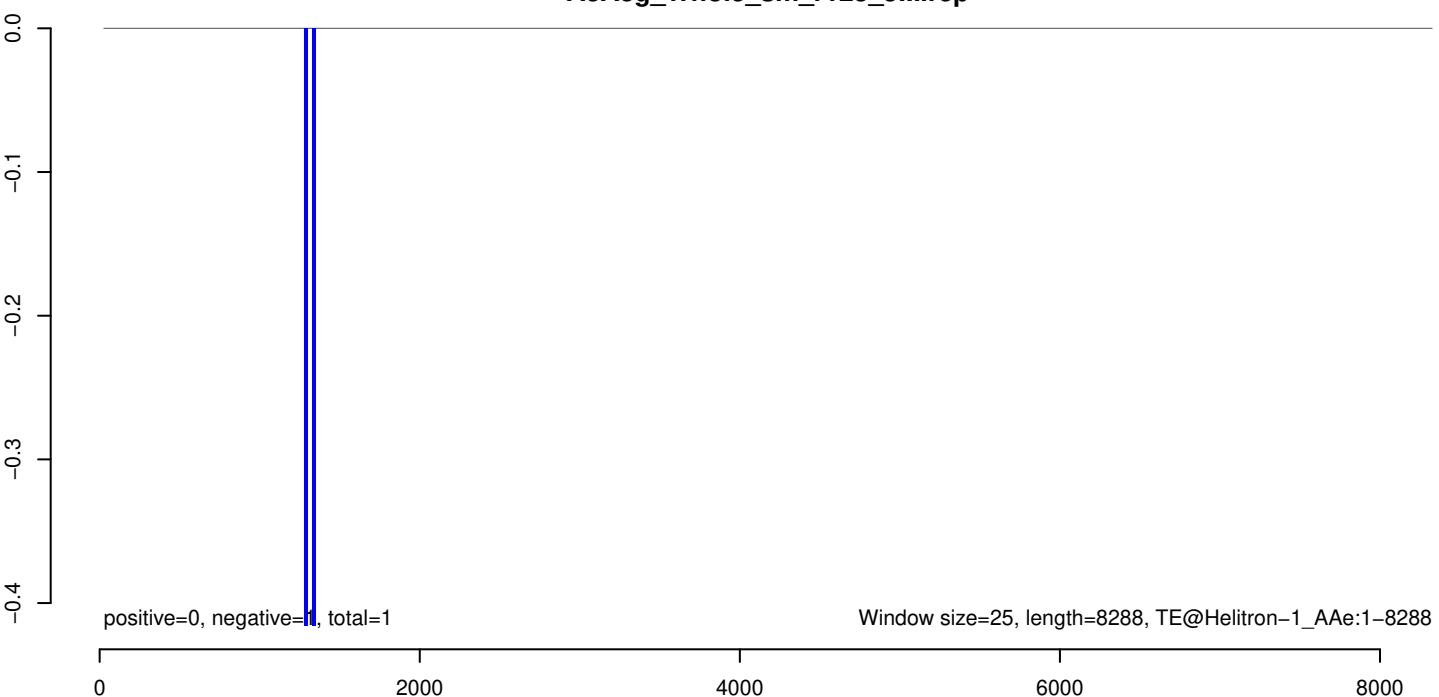
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



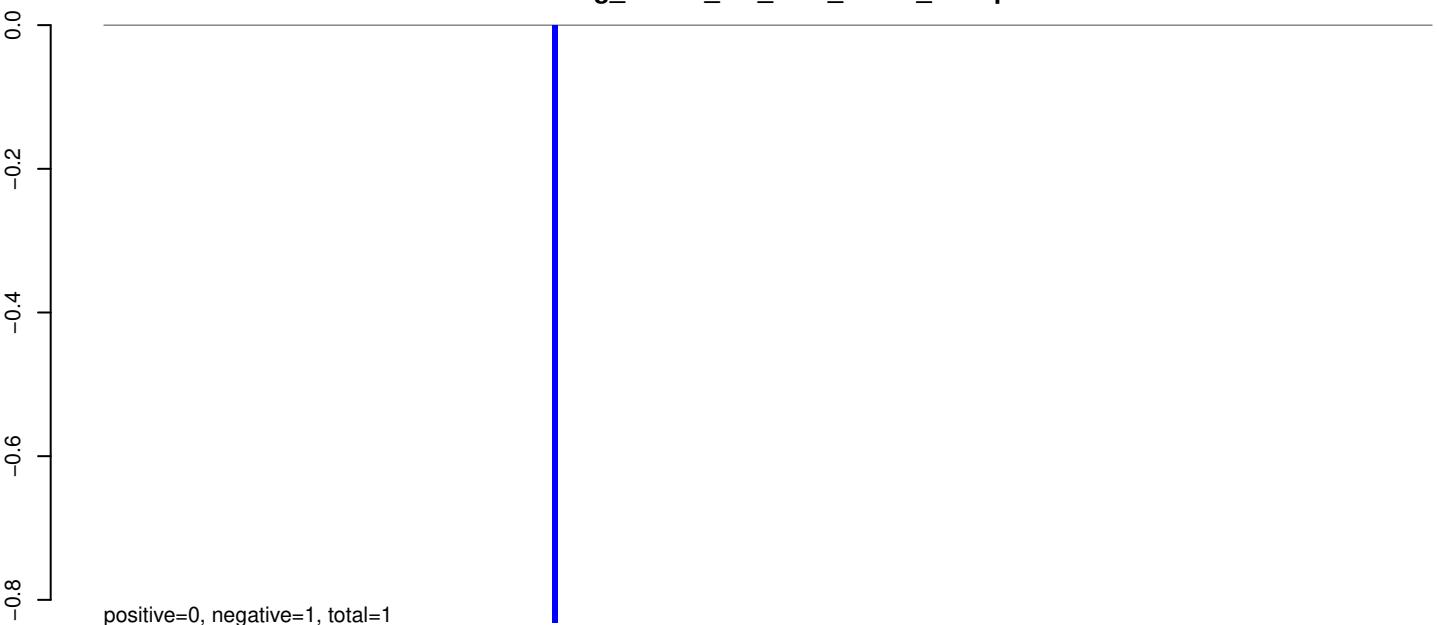
### AeAeg\_Whole\_sm\_r123\_JM.rep



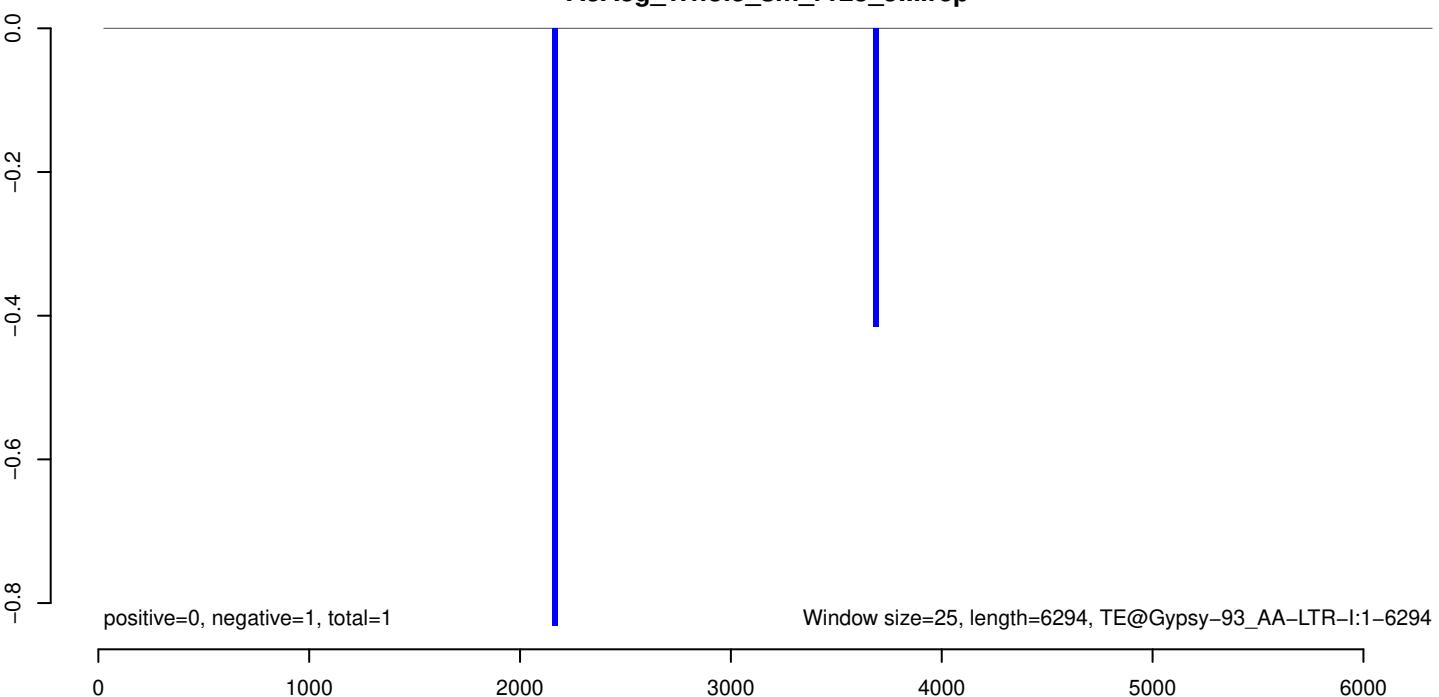
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=2, total=2

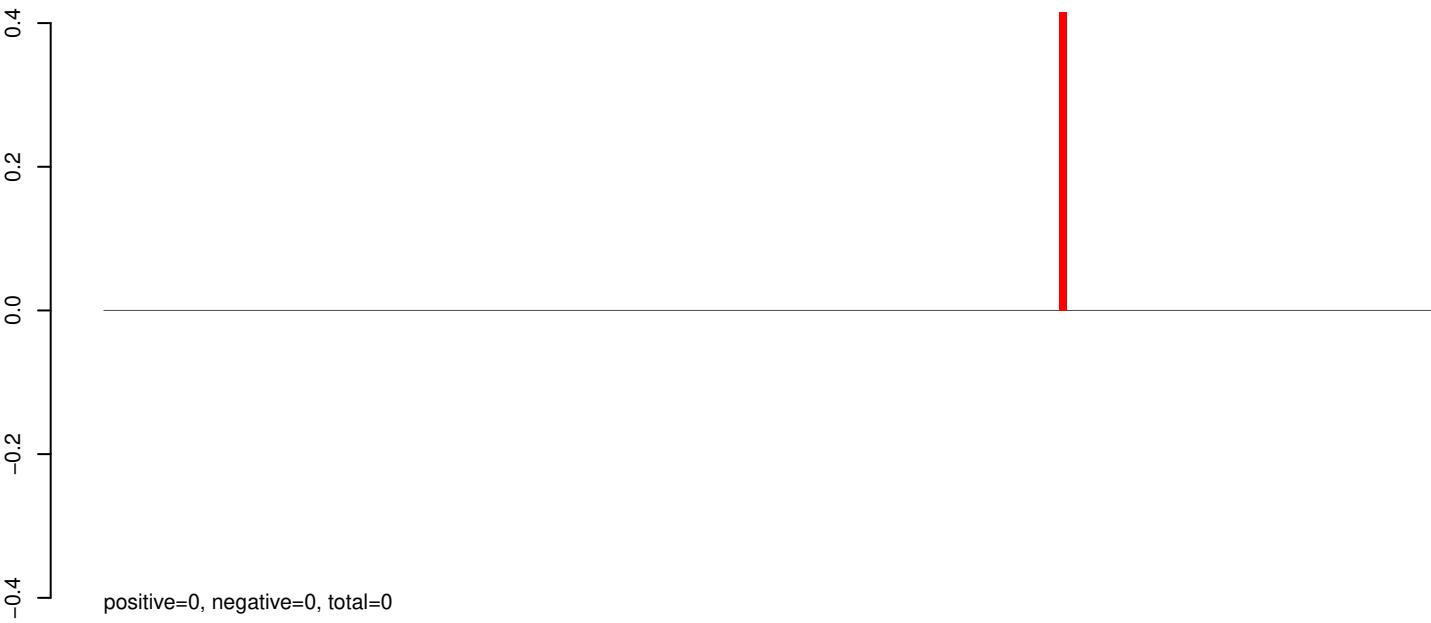
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=2, total=2

Window size=25, length=5357, TE@Gypsy-87\_AA-LTR-I:1-5357

0 1000 2000 3000 4000 5000

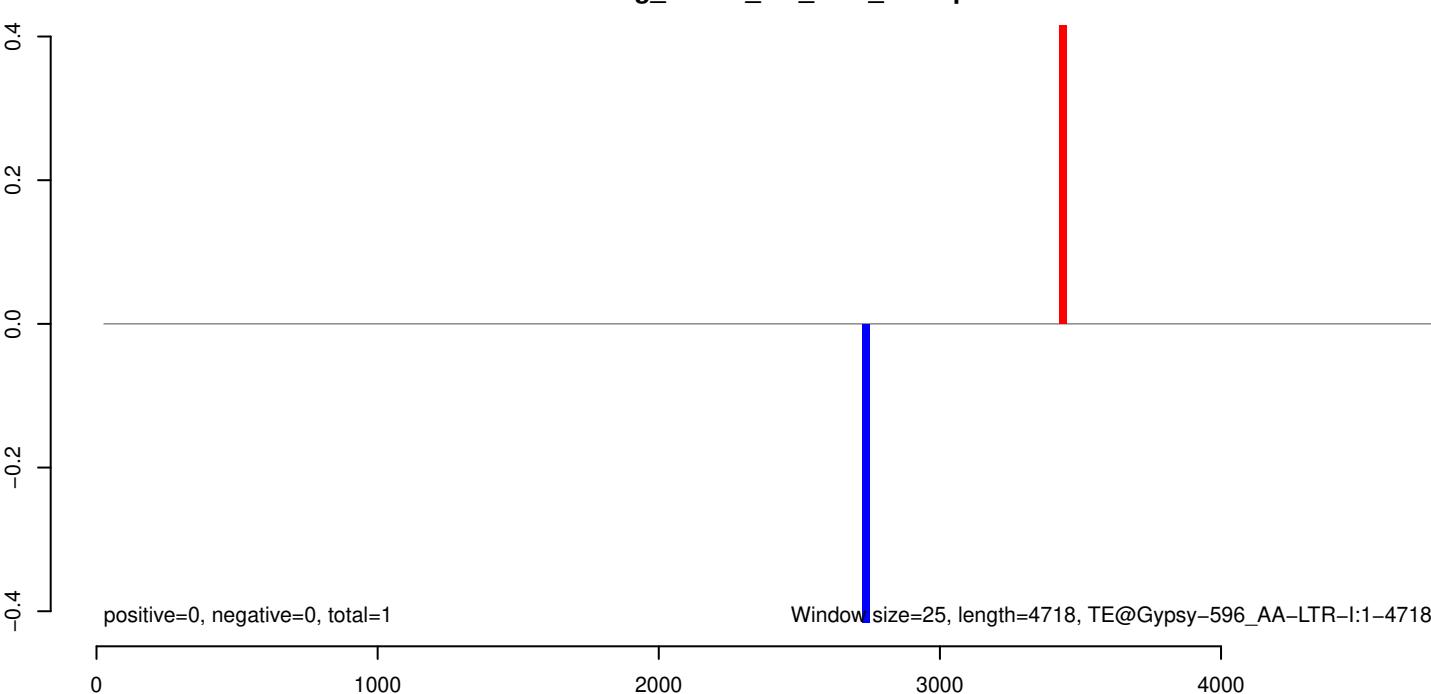
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1

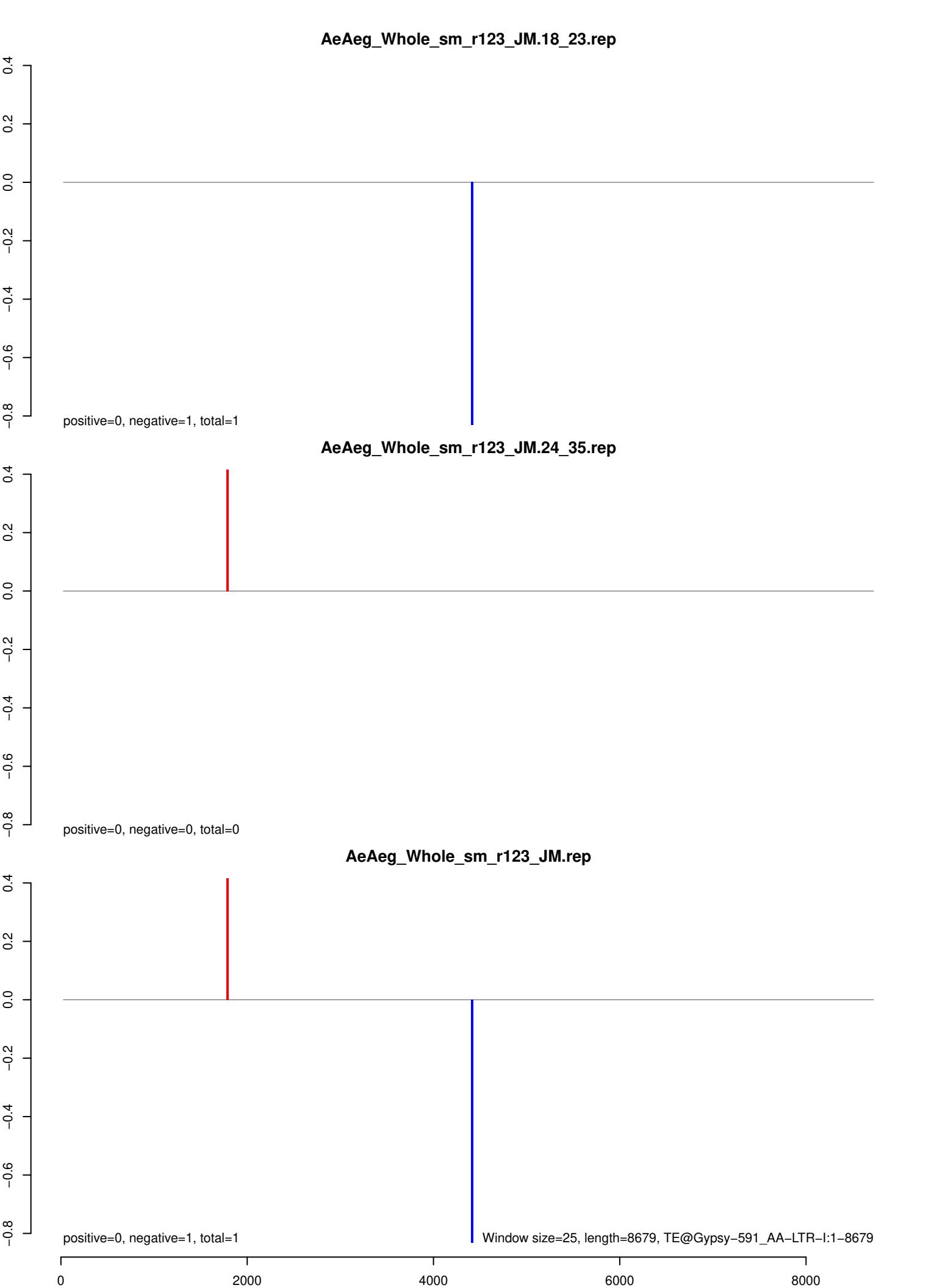
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

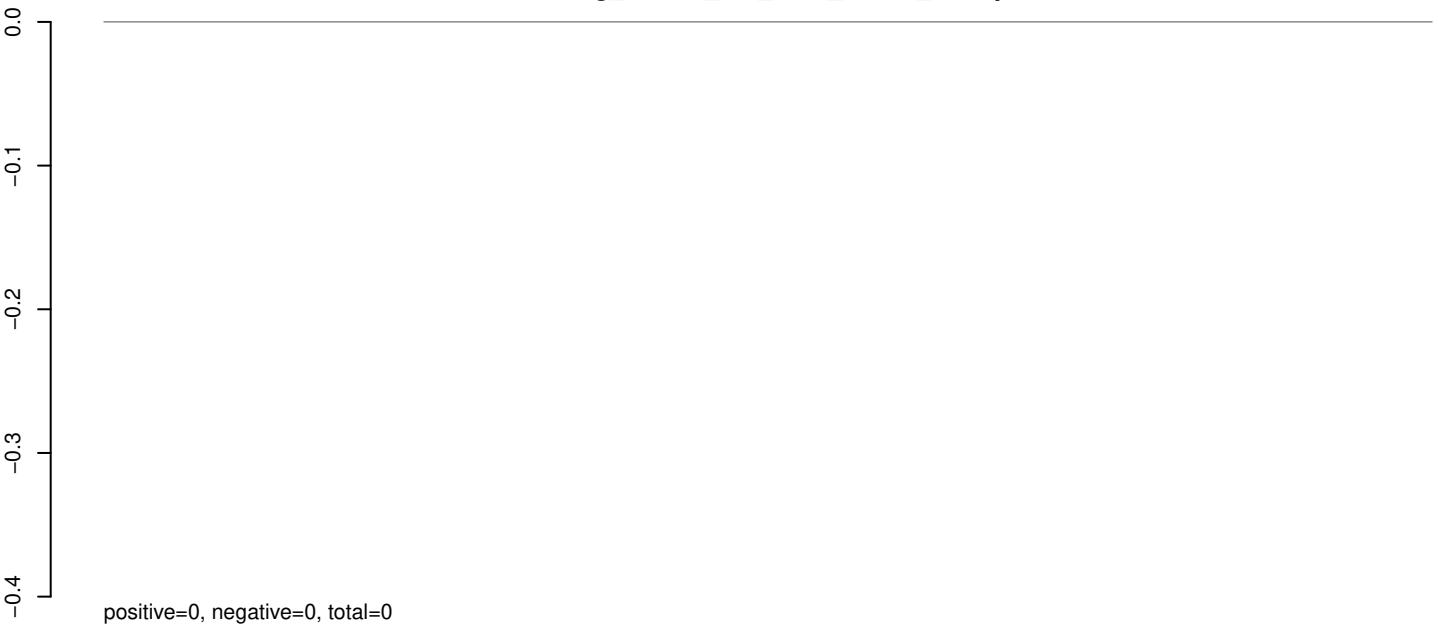
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

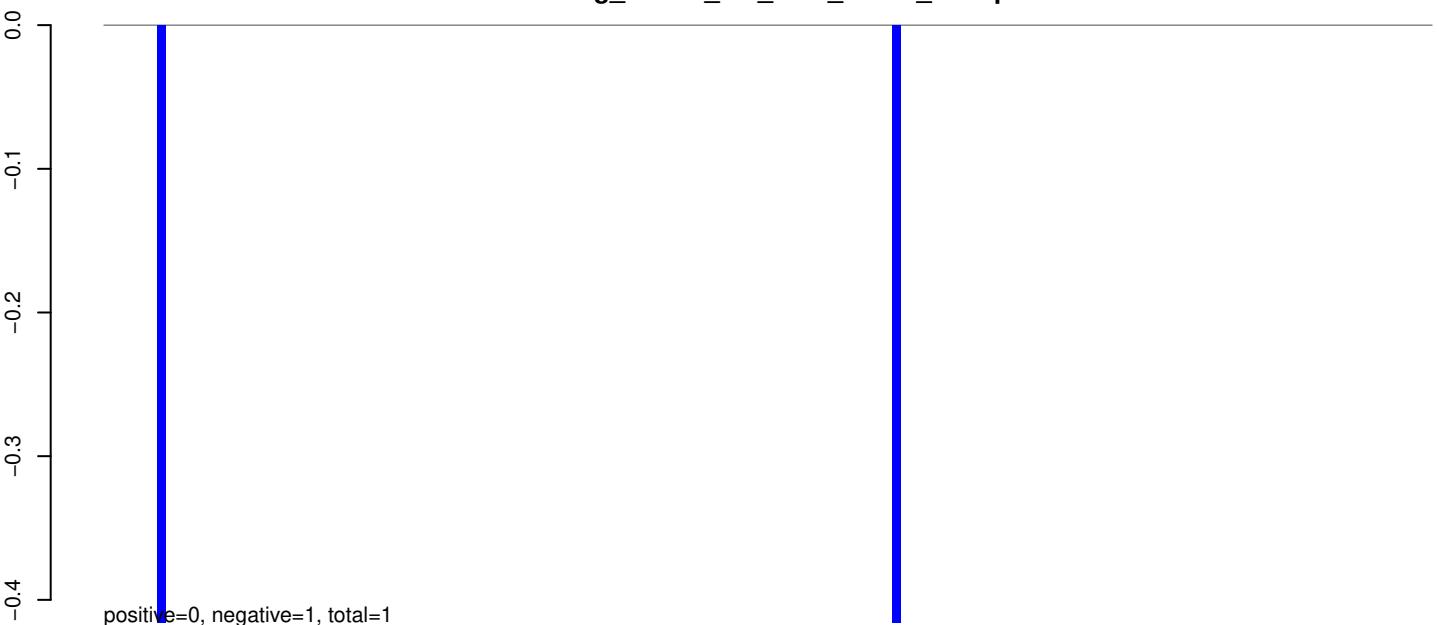
Window size=25, length=8679, TE@Gypsy-591\_AA-LTR-I:1-8679



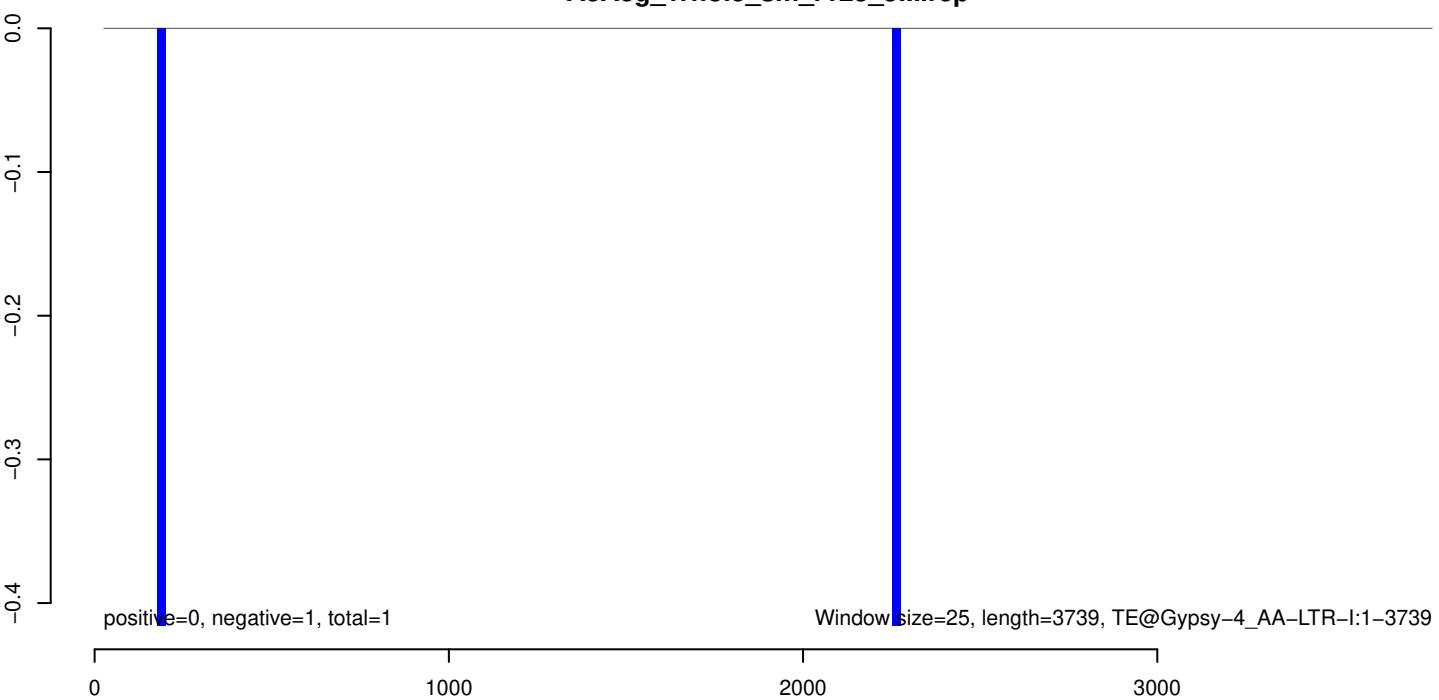
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



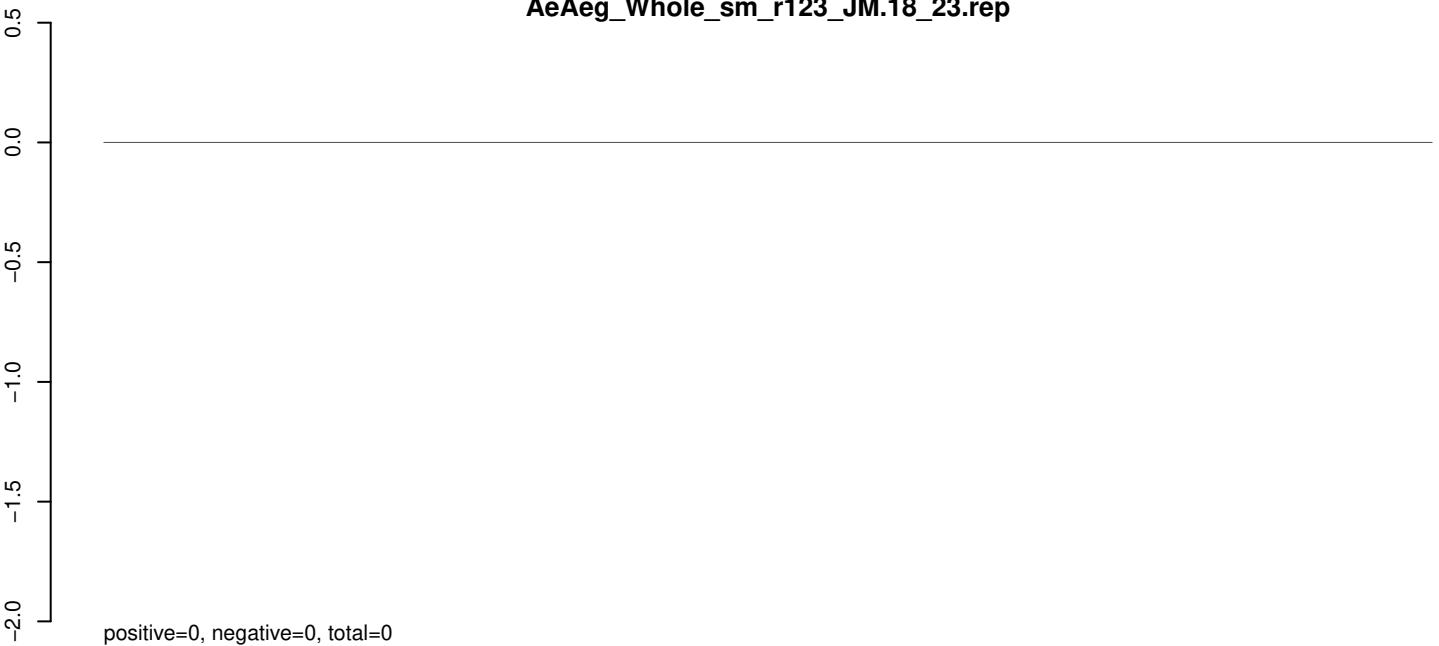
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



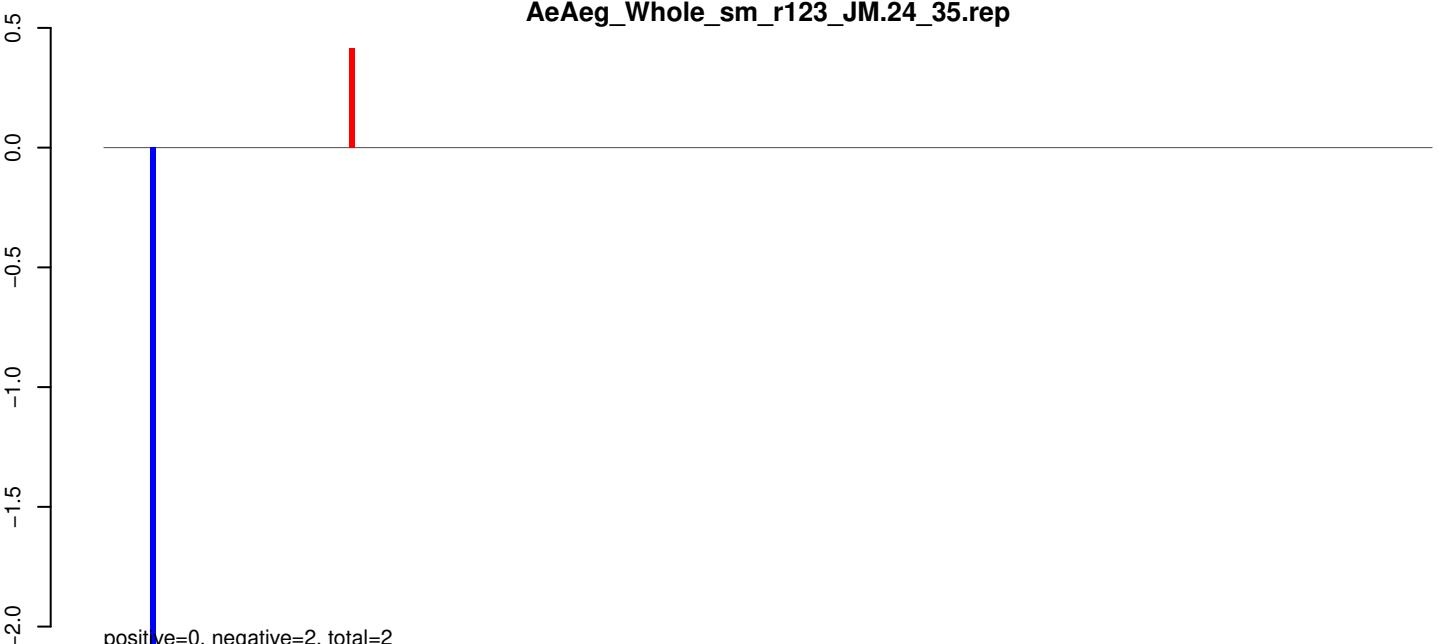
### AeAeg\_Whole\_sm\_r123\_JM.rep



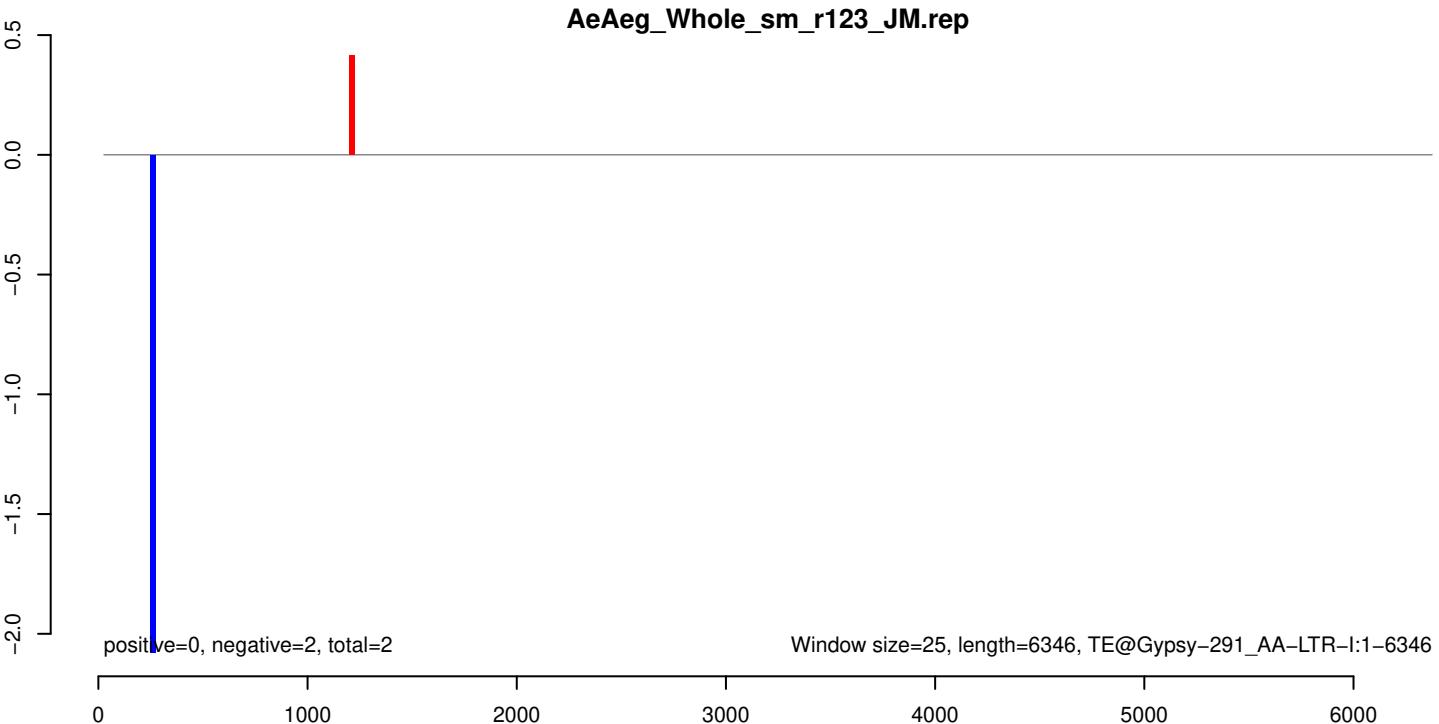
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



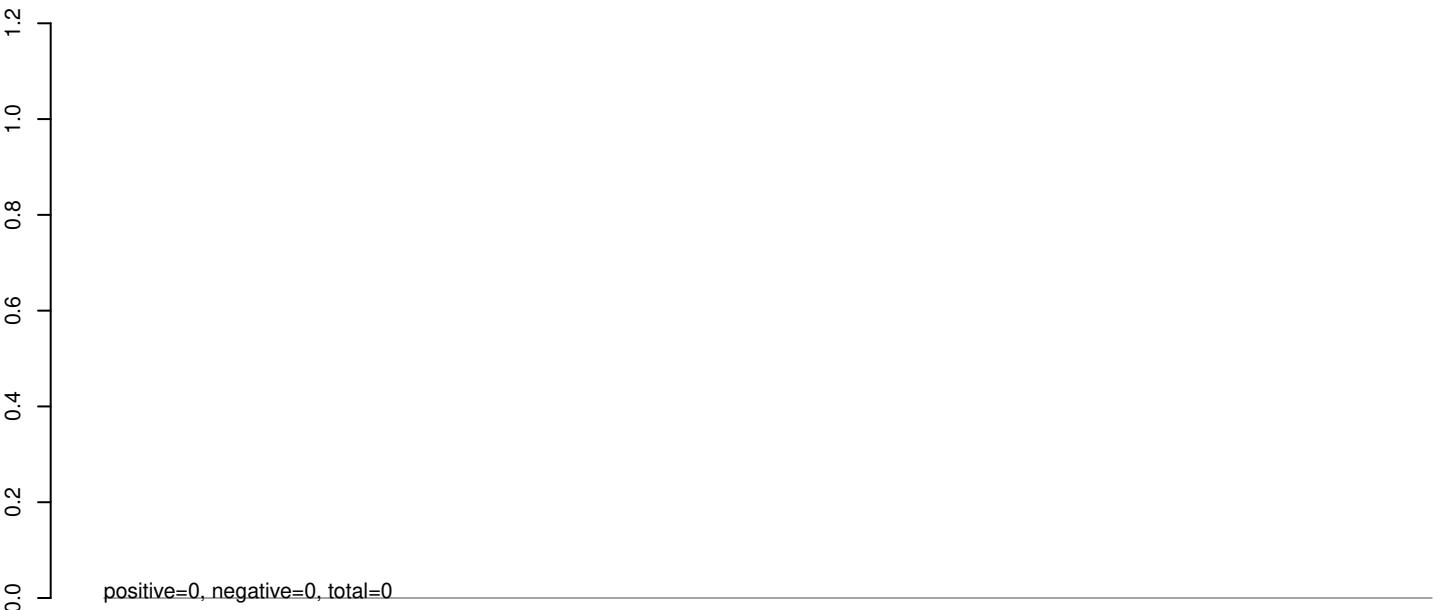
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



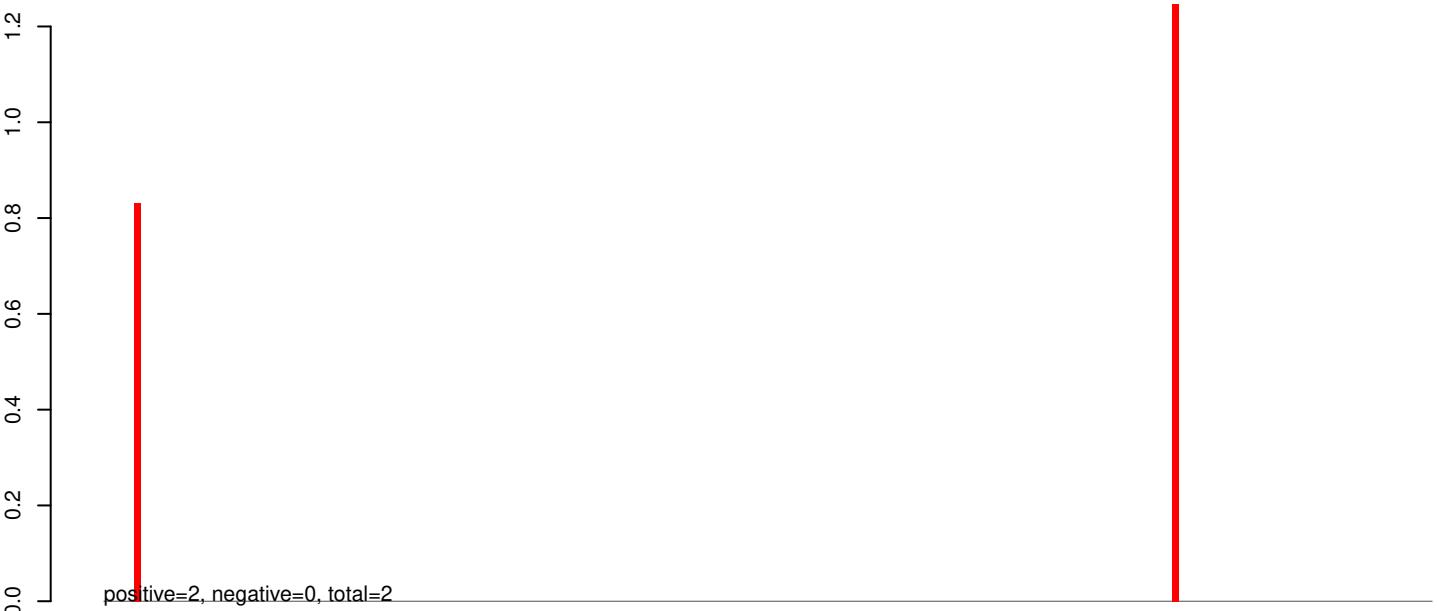
**AeAeg\_Whole\_sm\_r123\_JM.rep**



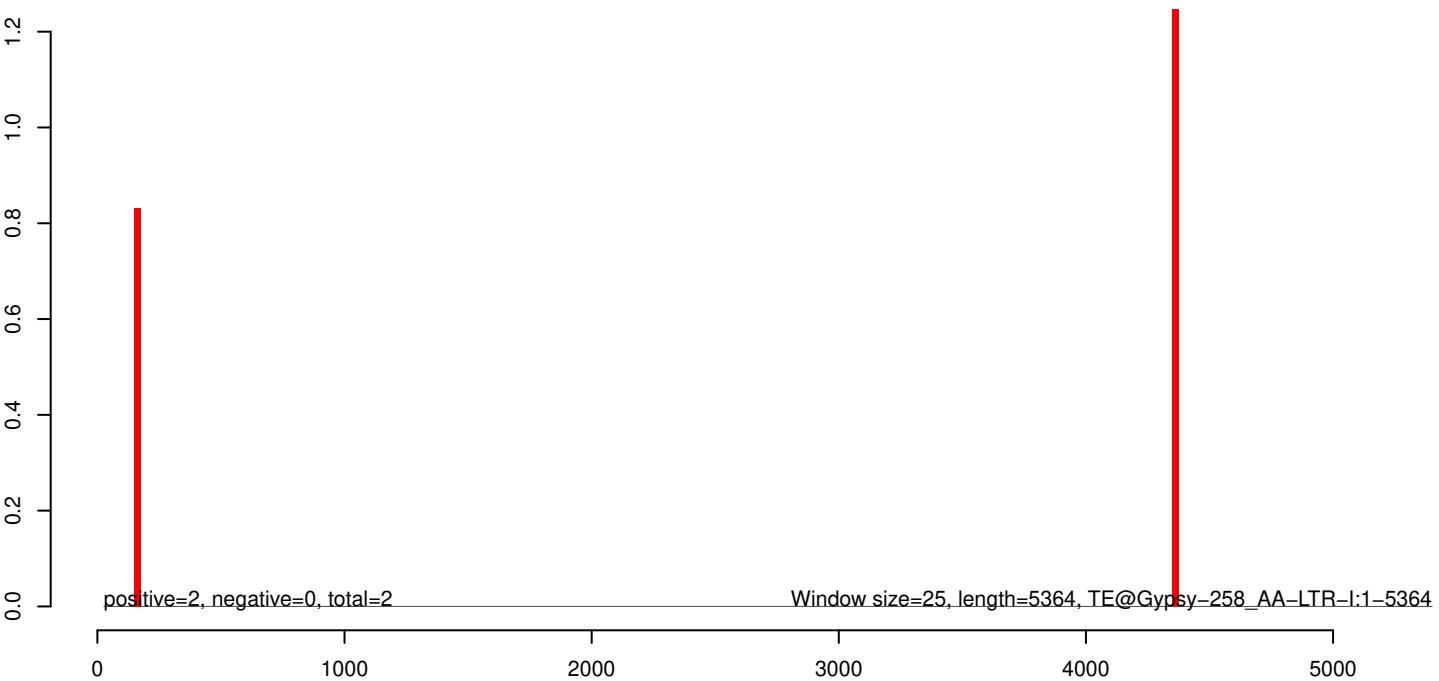
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



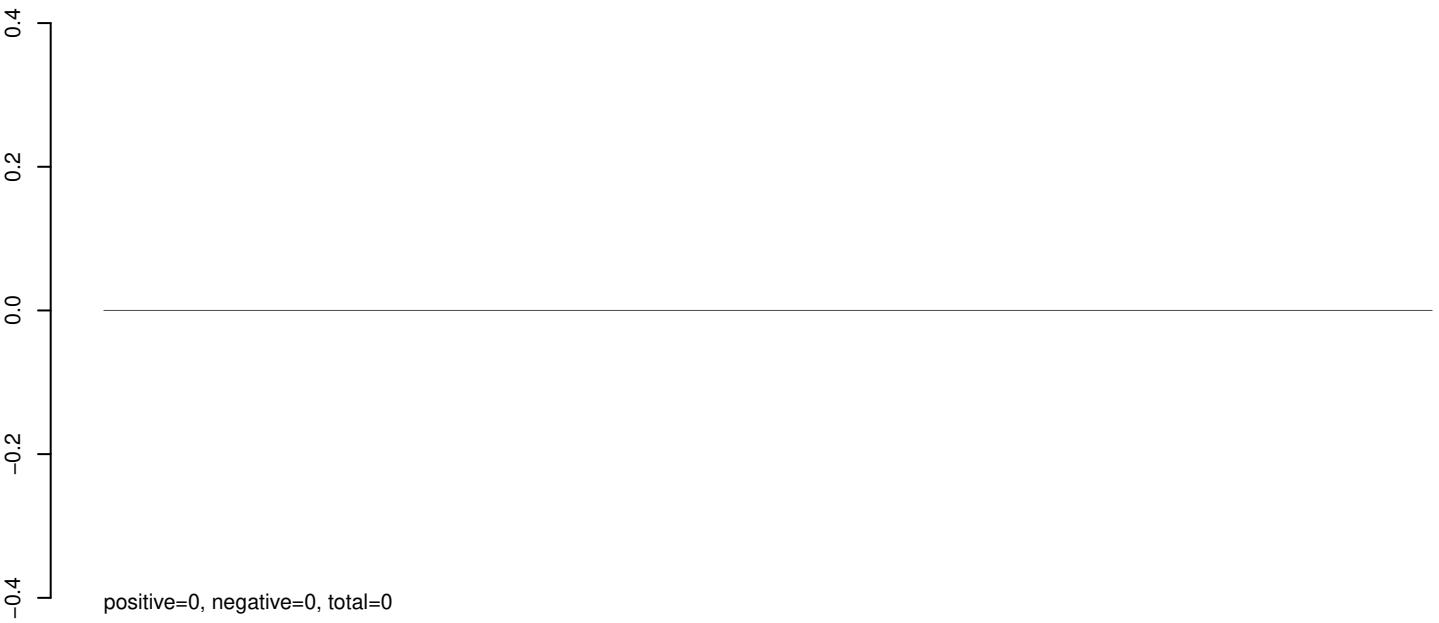
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



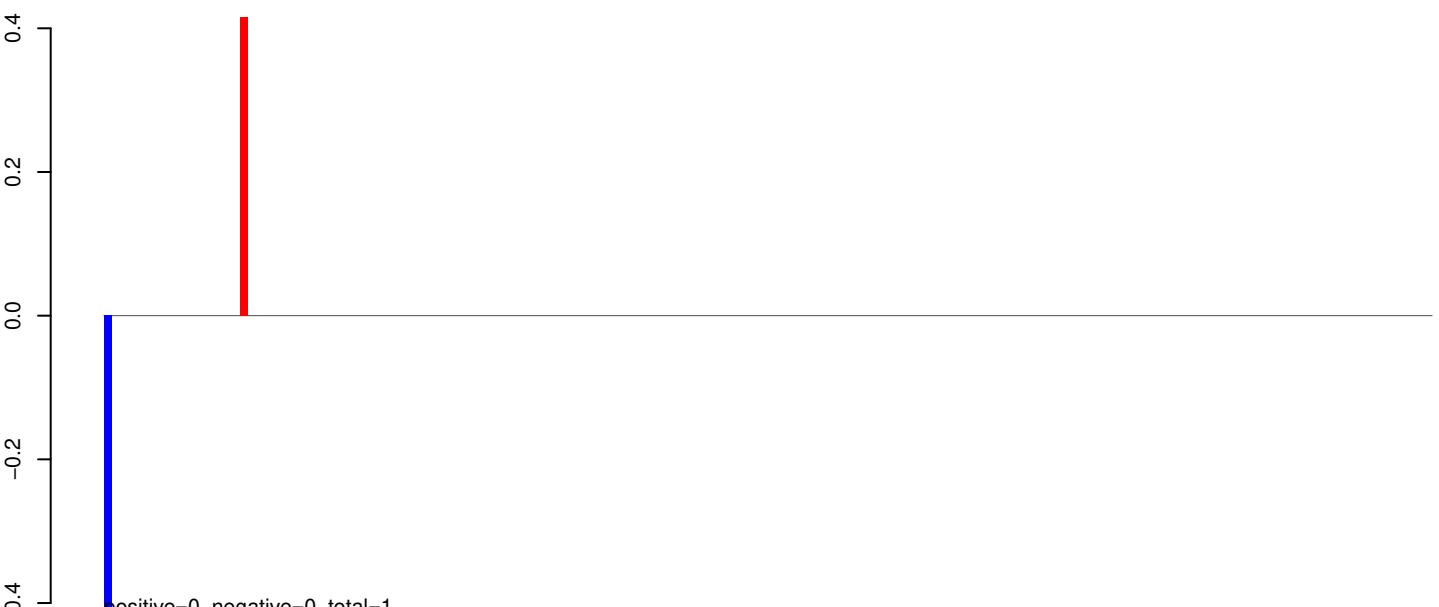
**AeAeg\_Whole\_sm\_r123\_JM.rep**



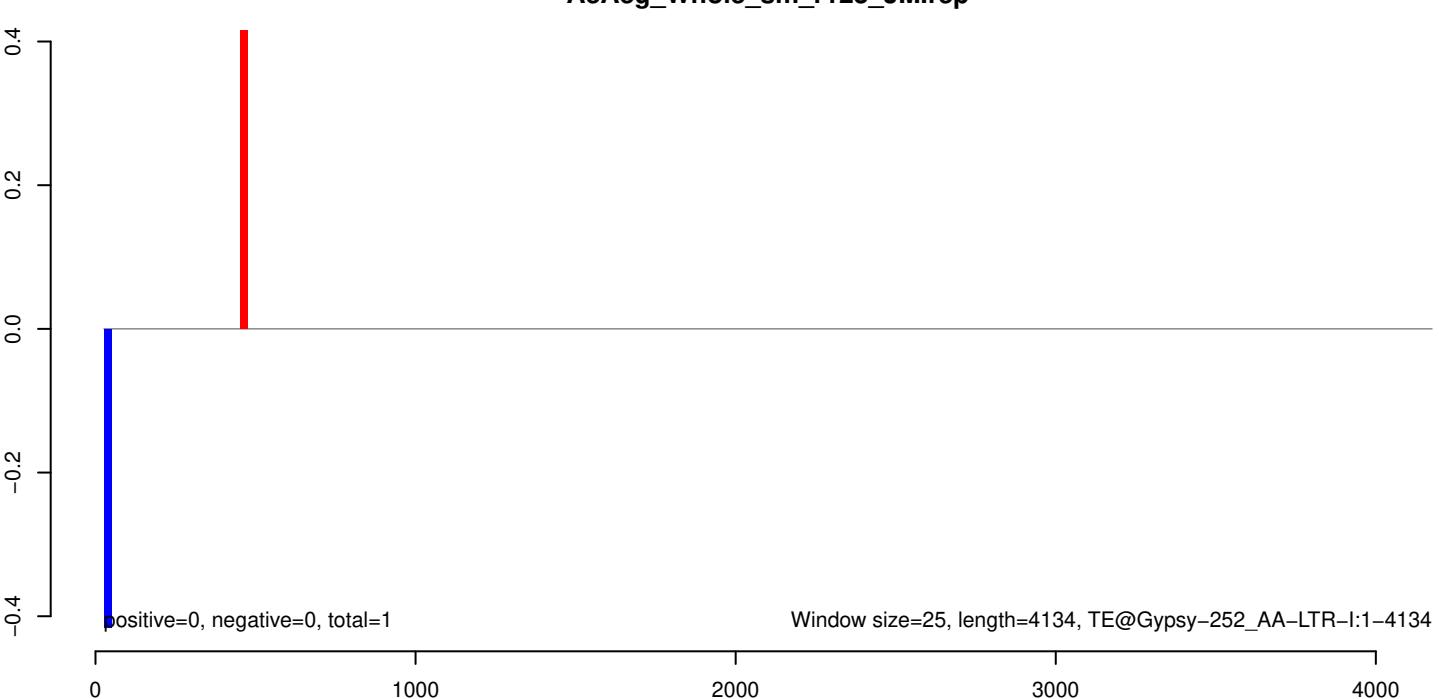
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



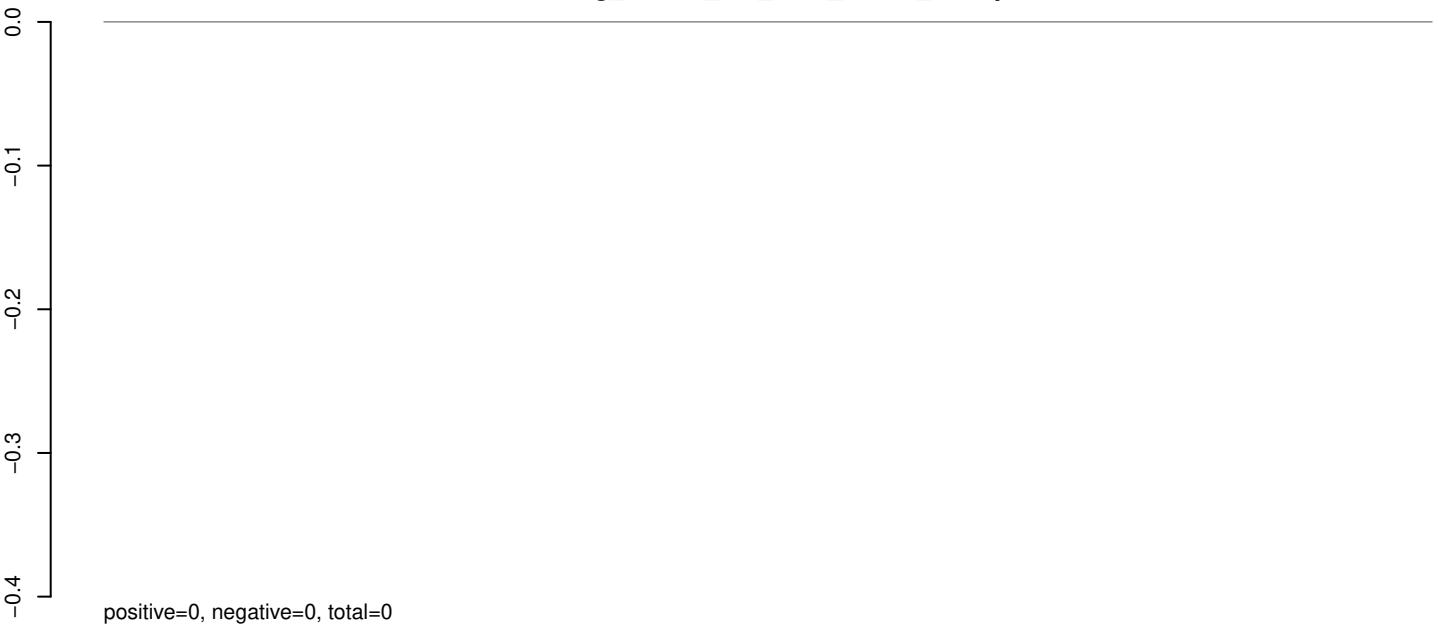
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



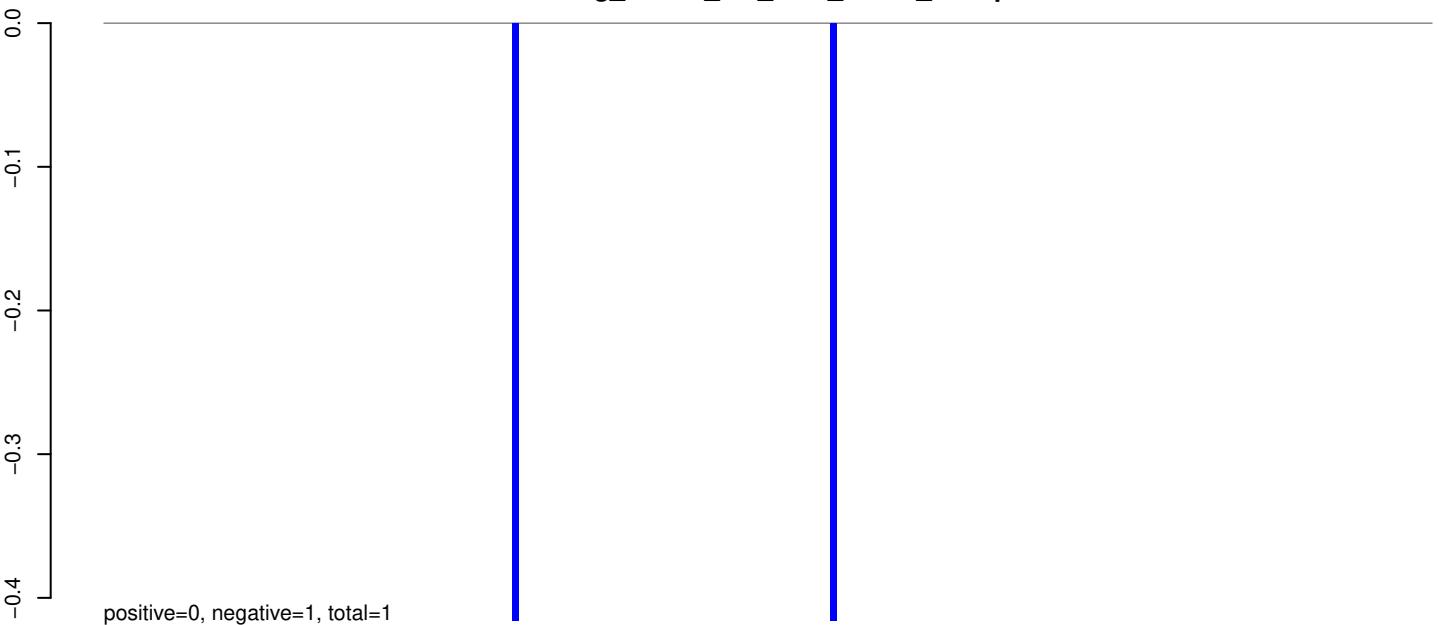
**AeAeg\_Whole\_sm\_r123\_JM.rep**



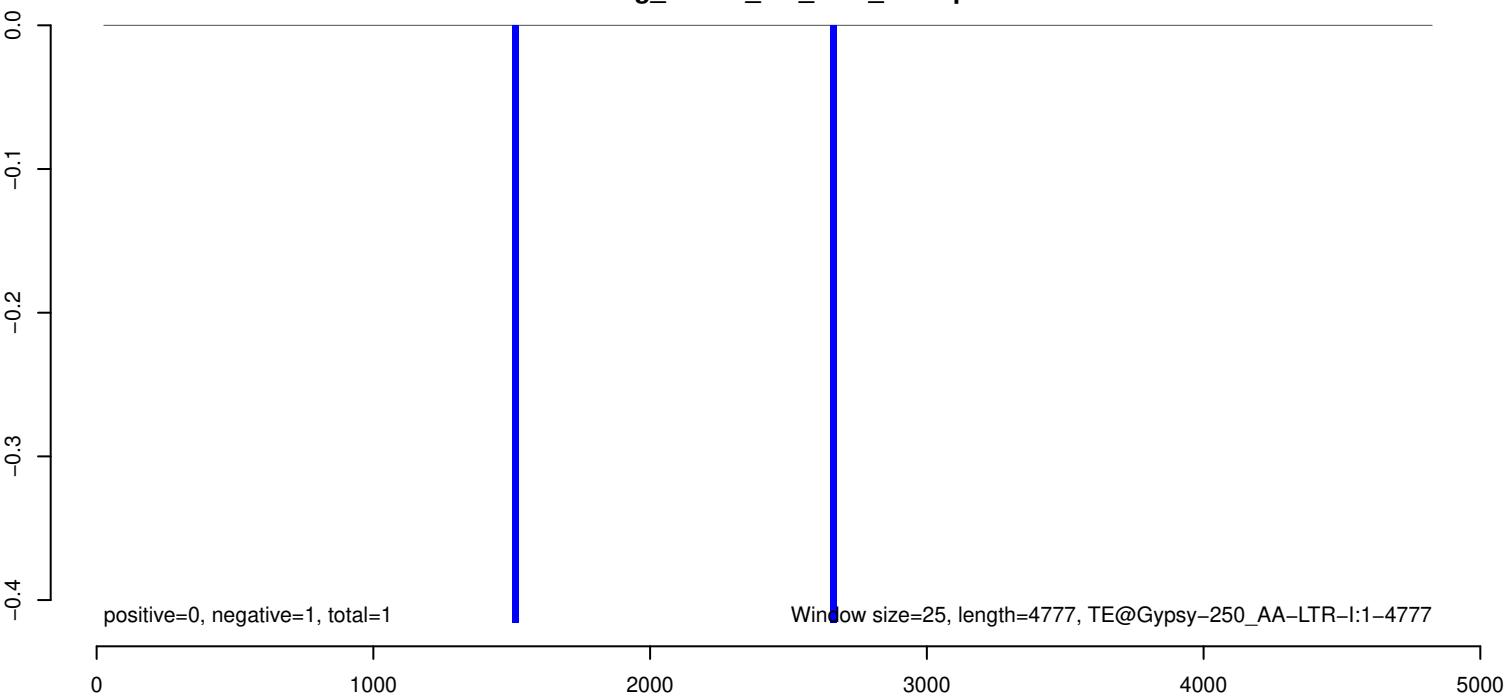
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



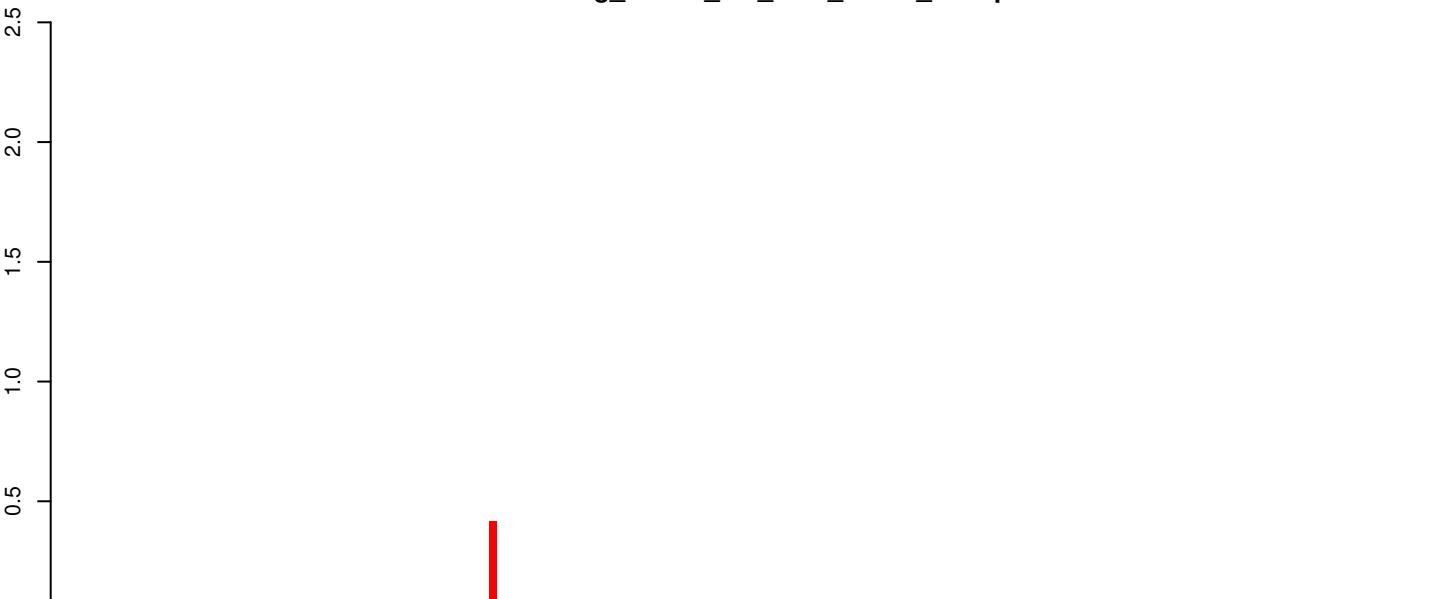
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



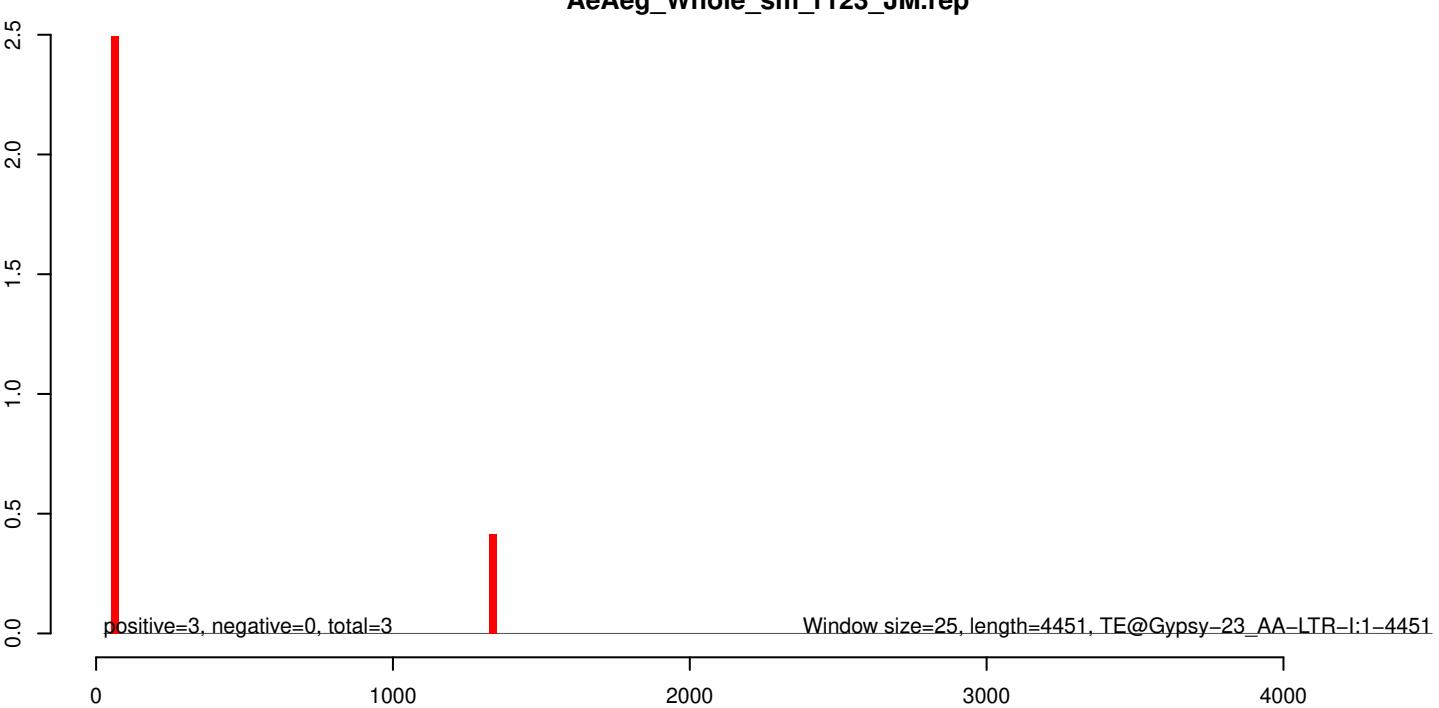
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

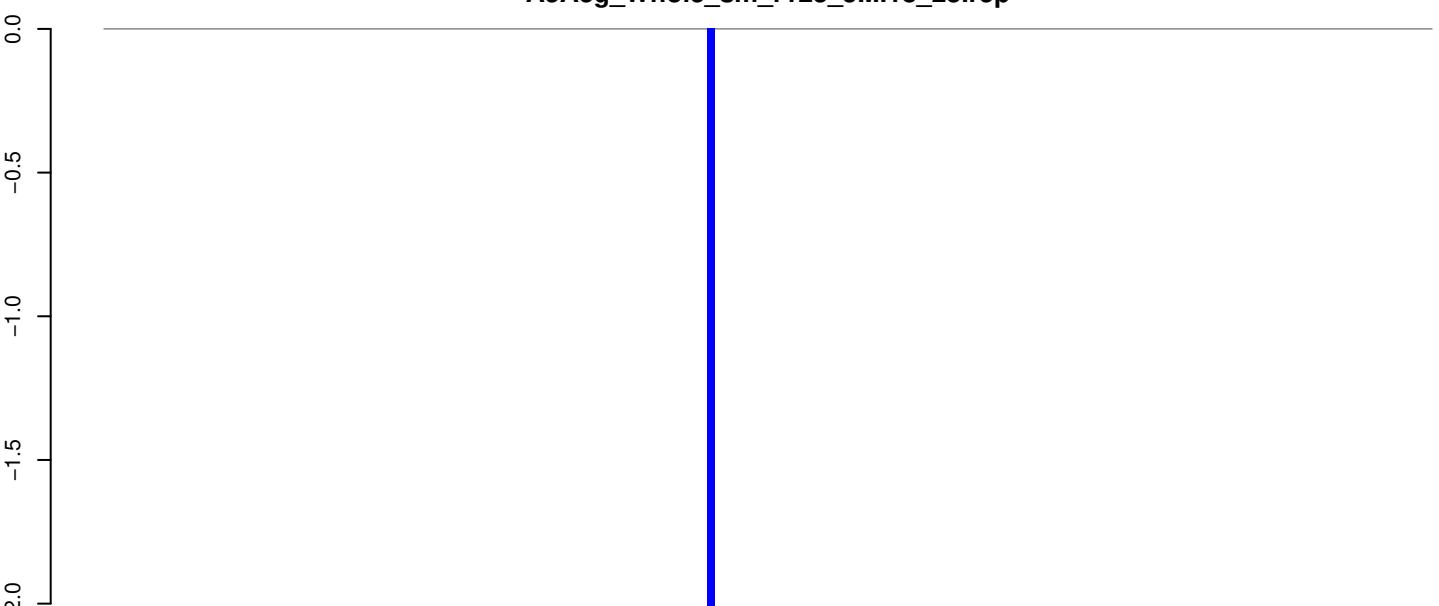


**AeAeg\_Whole\_sm\_r123\_JM.rep**



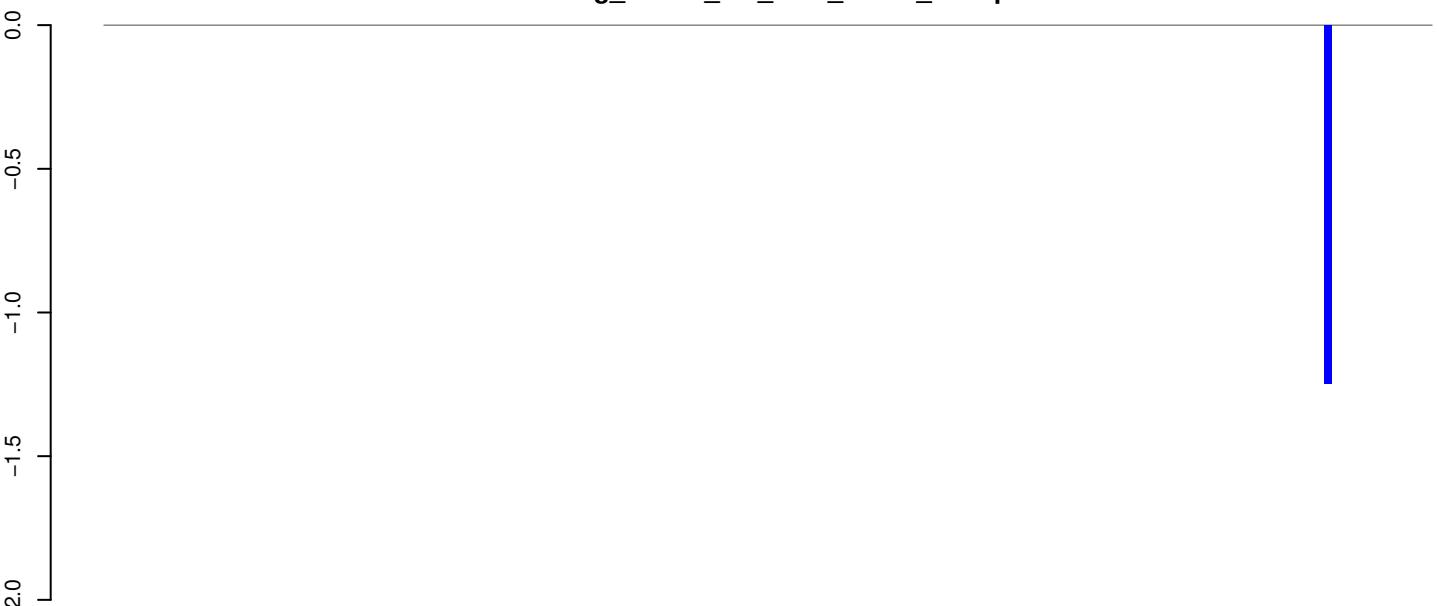
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=2, total=2



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

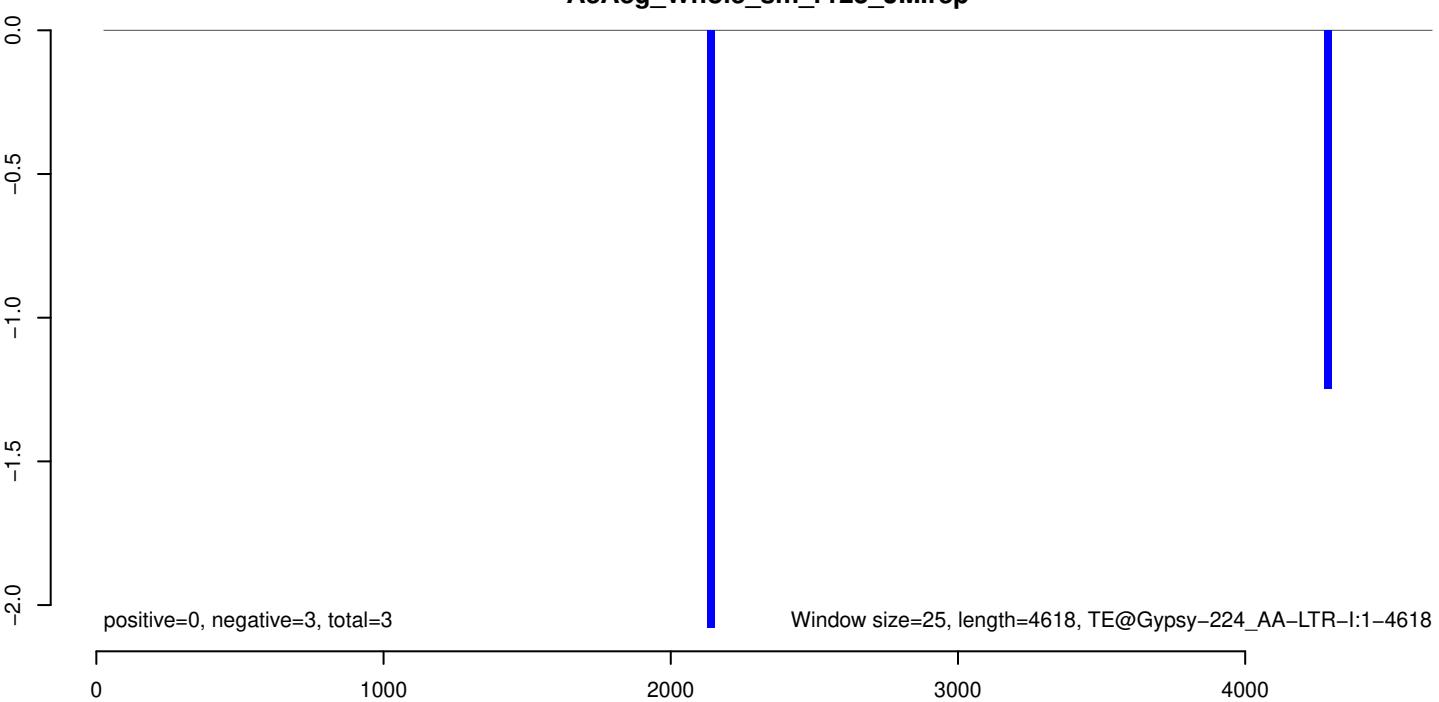
positive=0, negative=1, total=1



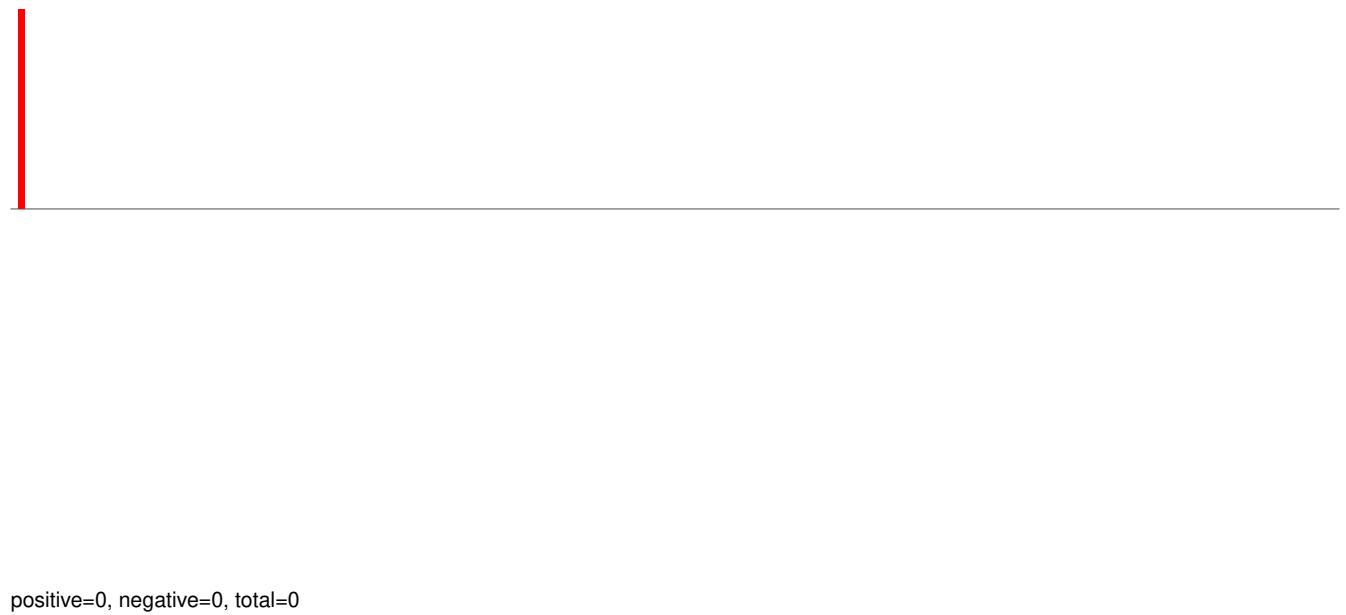
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=3, total=3

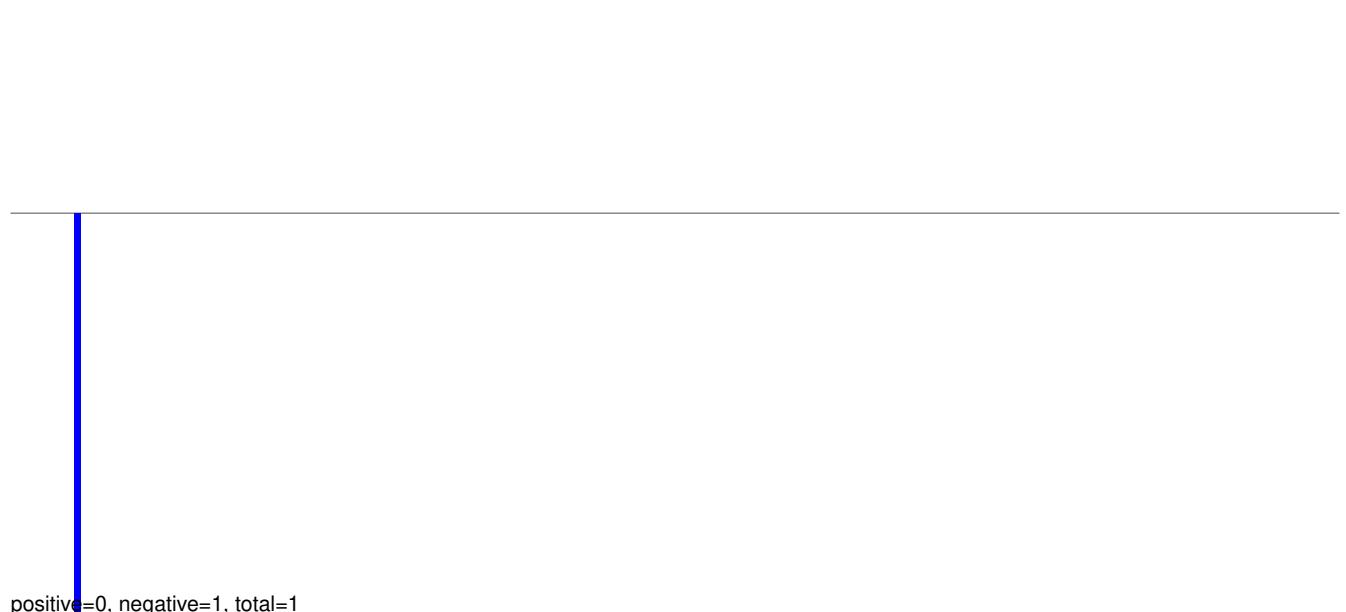
Window size=25, length=4618, TE@Gypsy-224\_AA-LTR-I:1-4618



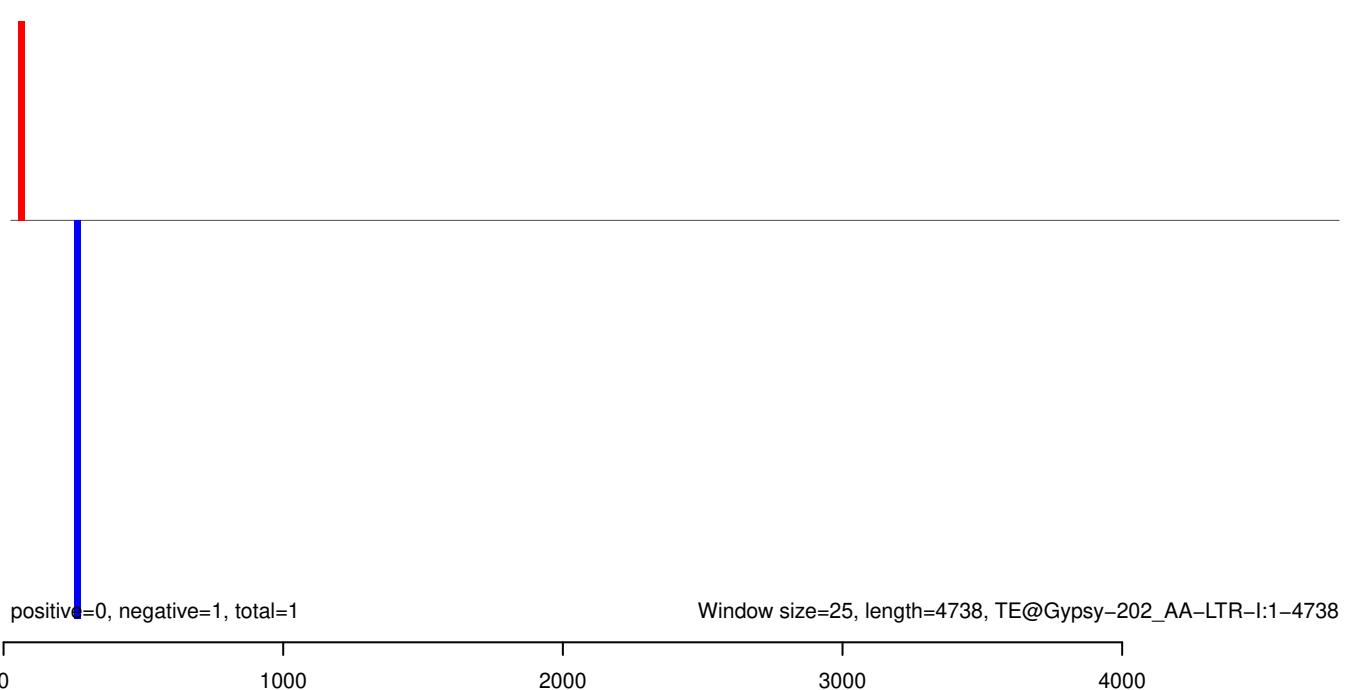
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



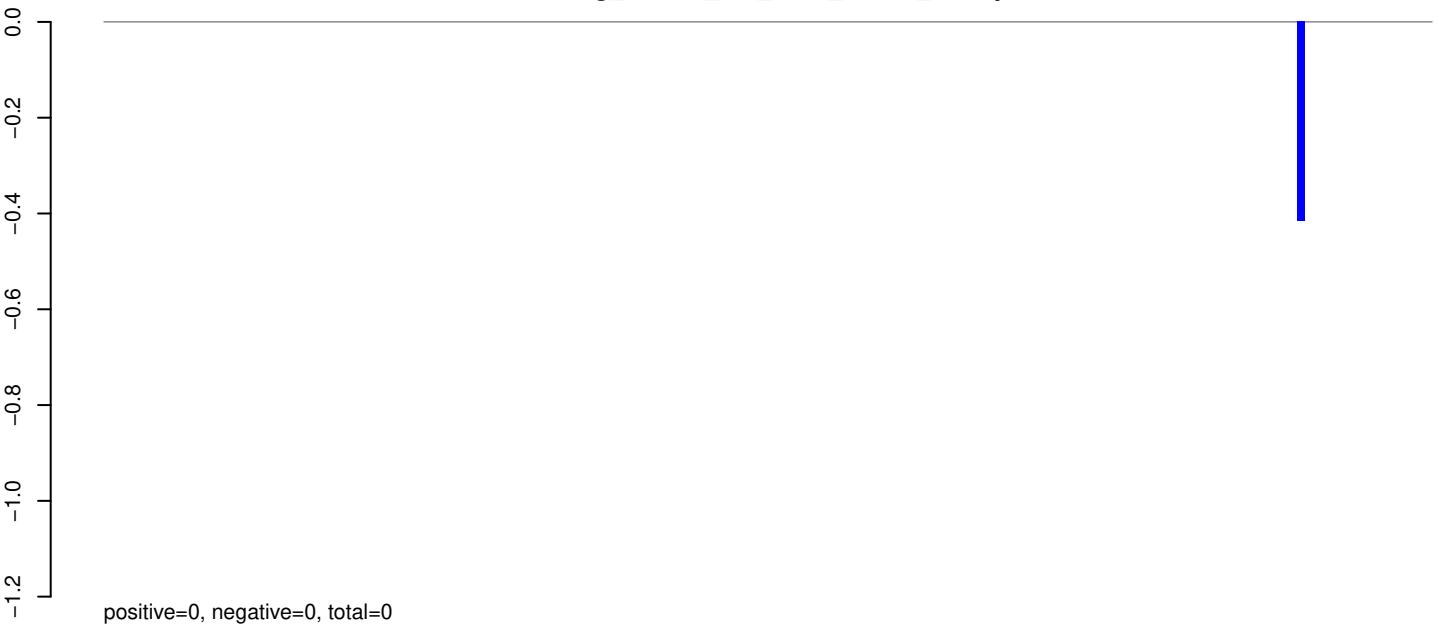
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



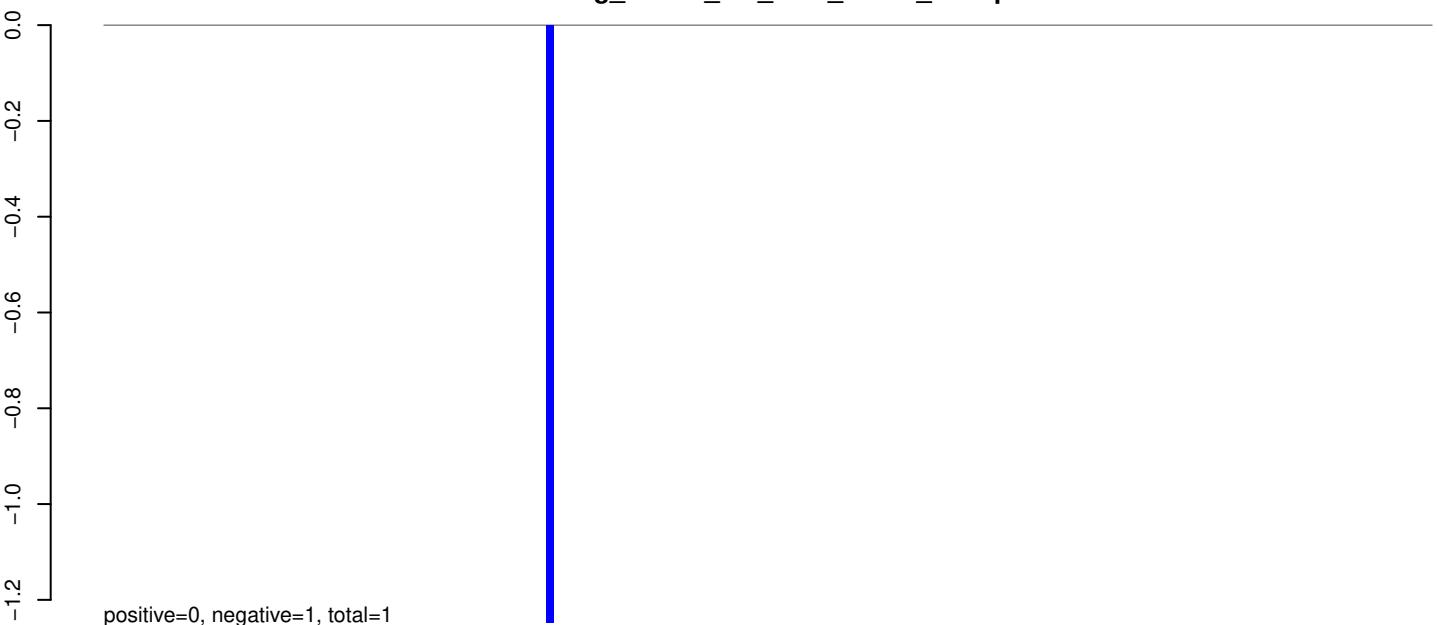
### AeAeg\_Whole\_sm\_r123\_JM.rep



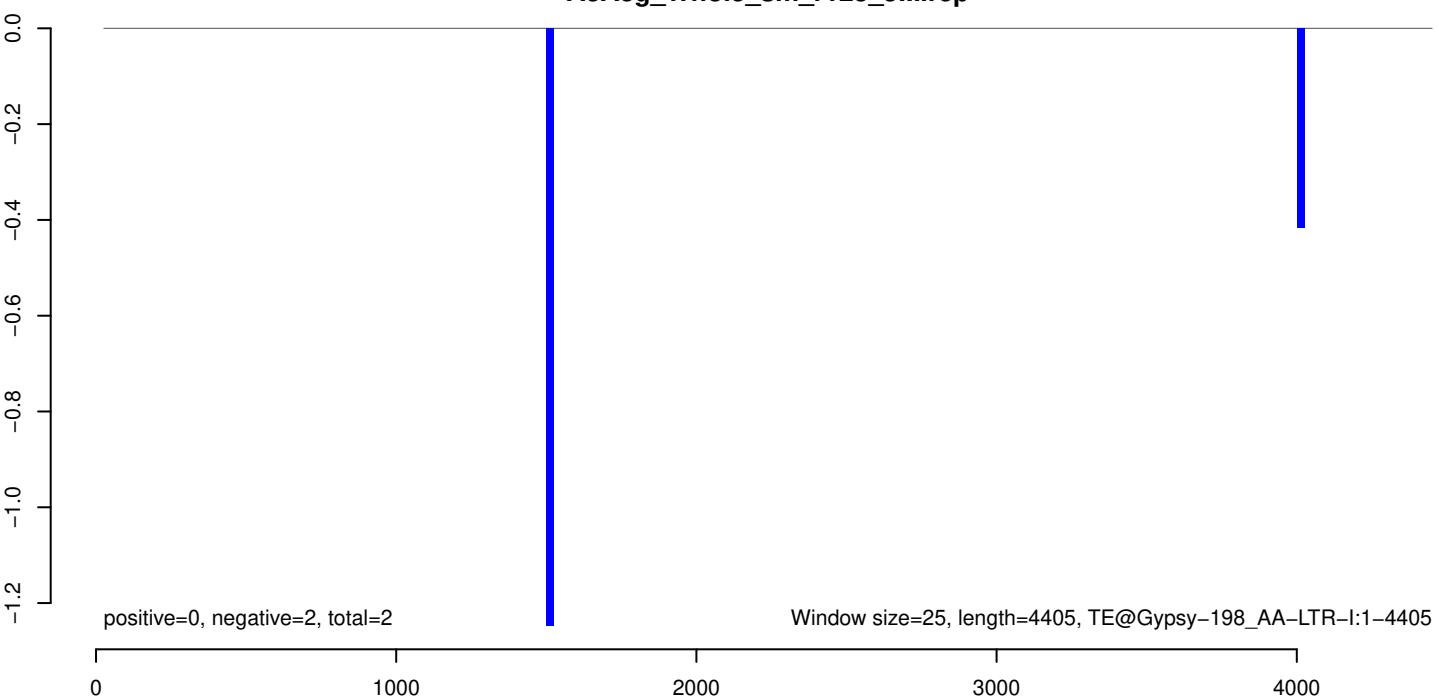
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

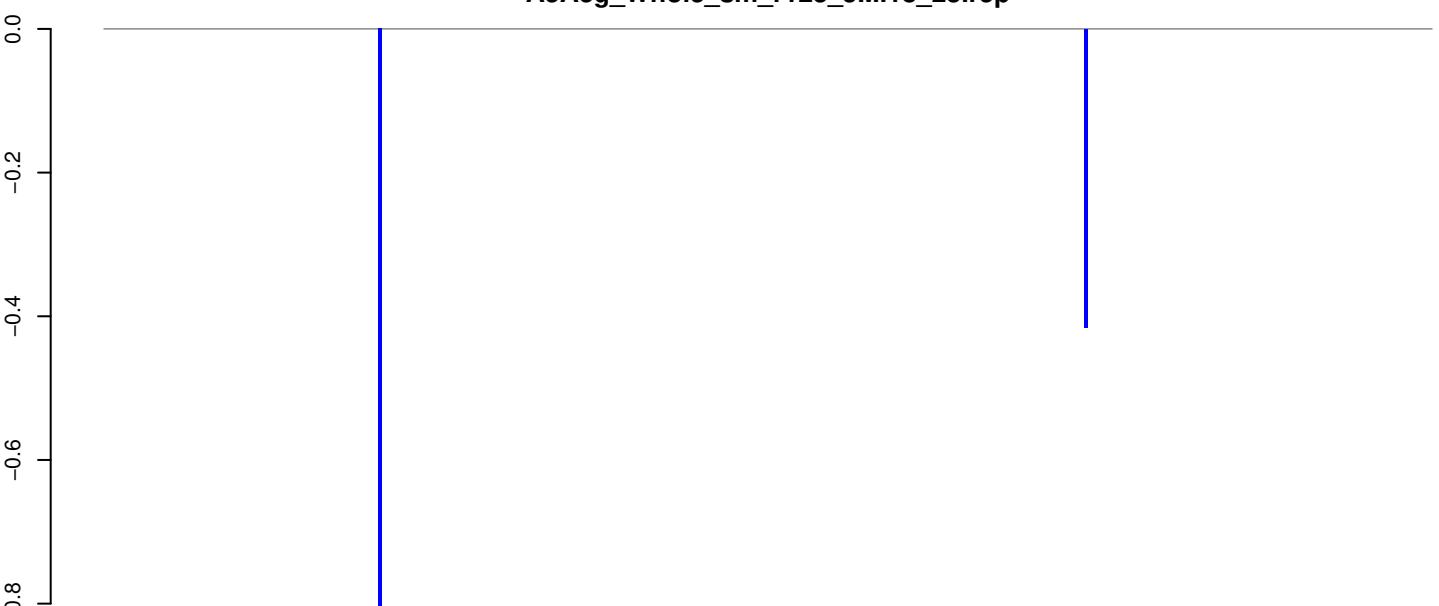


### AeAeg\_Whole\_sm\_r123\_JM.rep



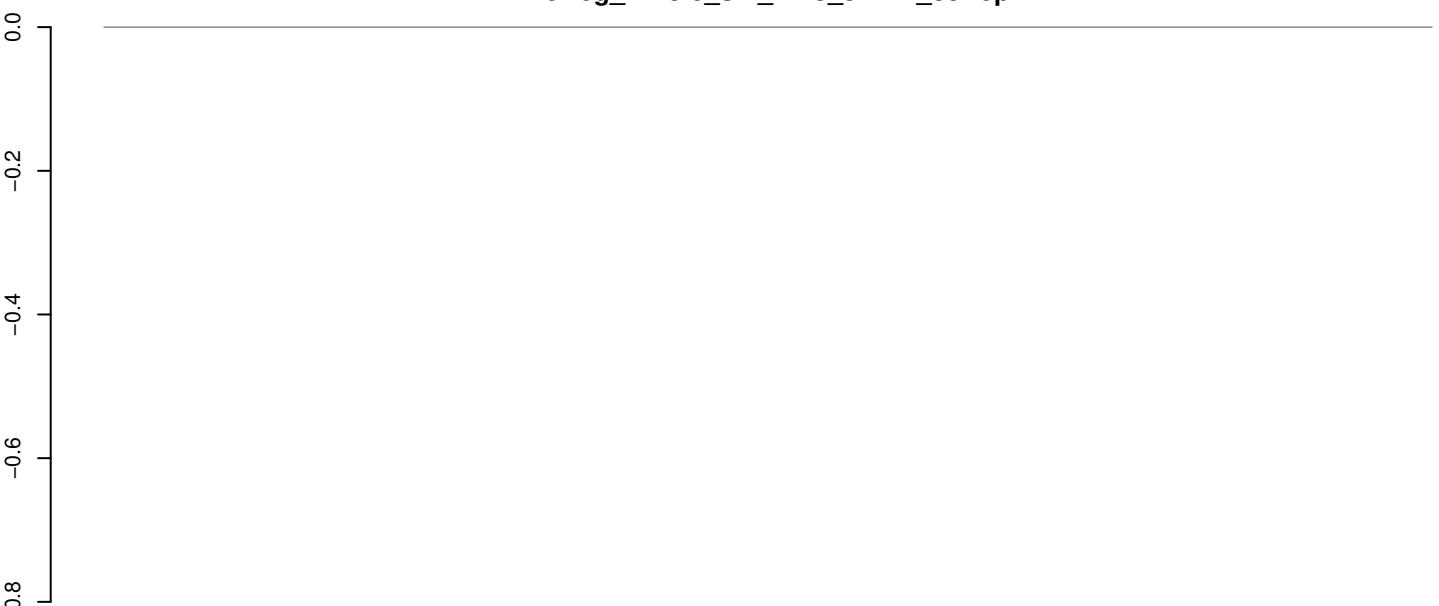
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

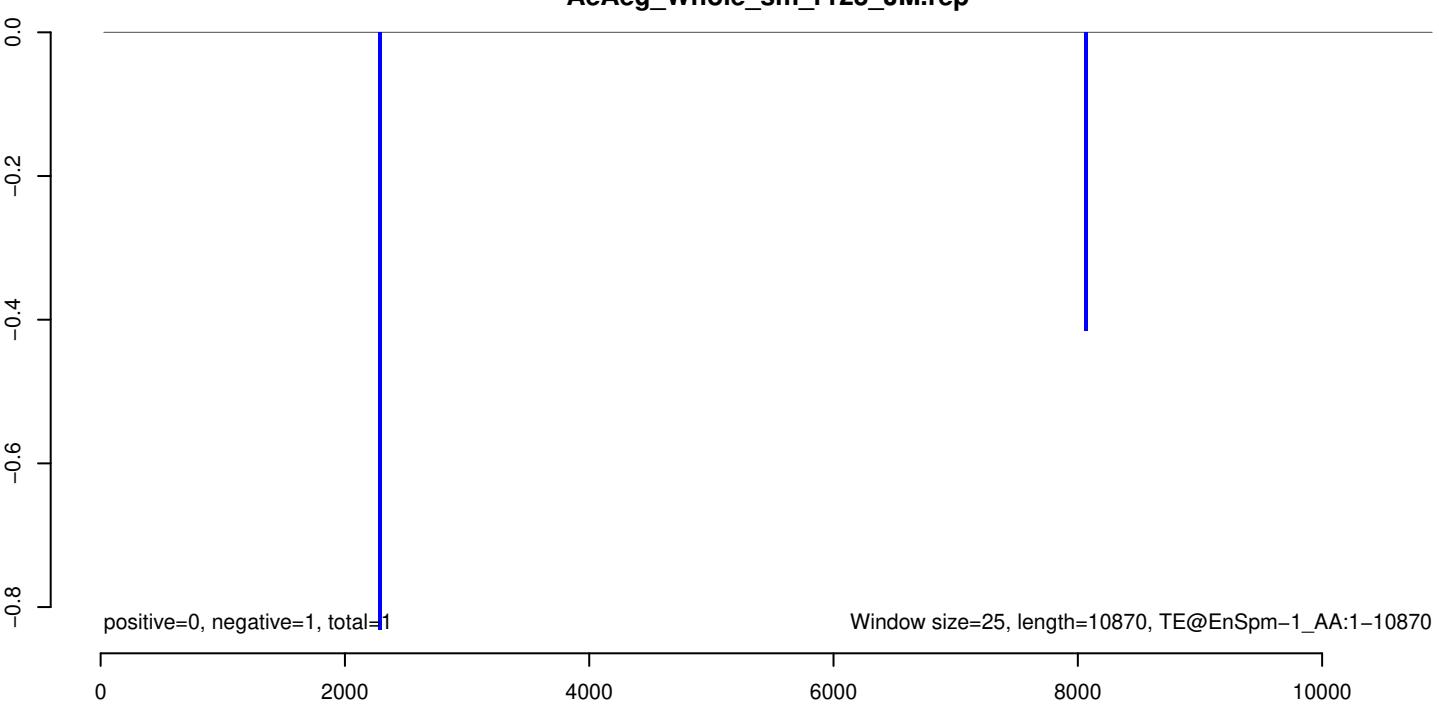
positive=0, negative=0, total=0



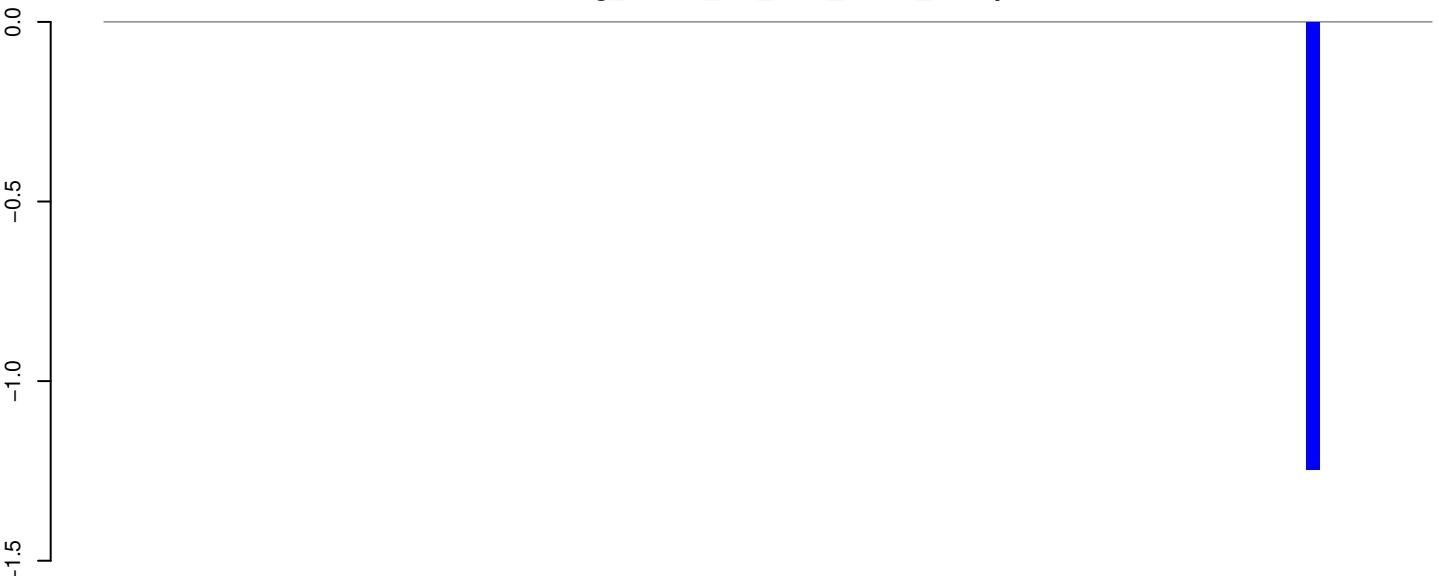
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

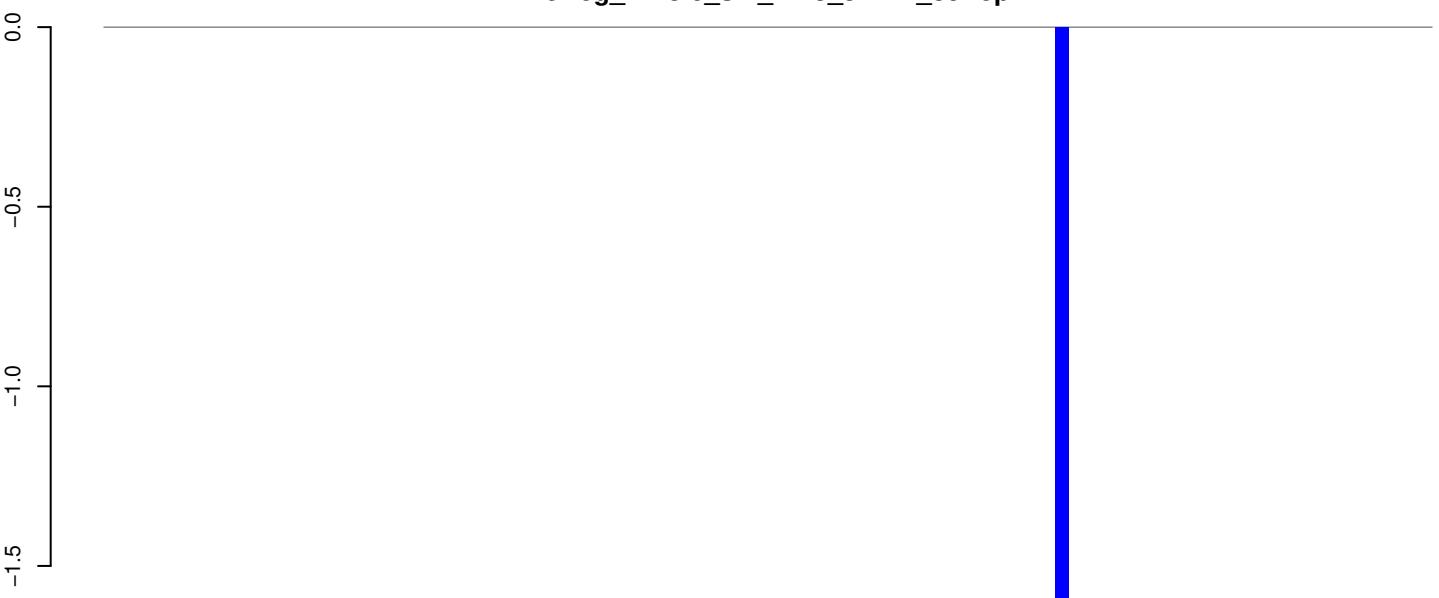
Window size=25, length=10870, TE@EnSpm-1\_AA:1-10870



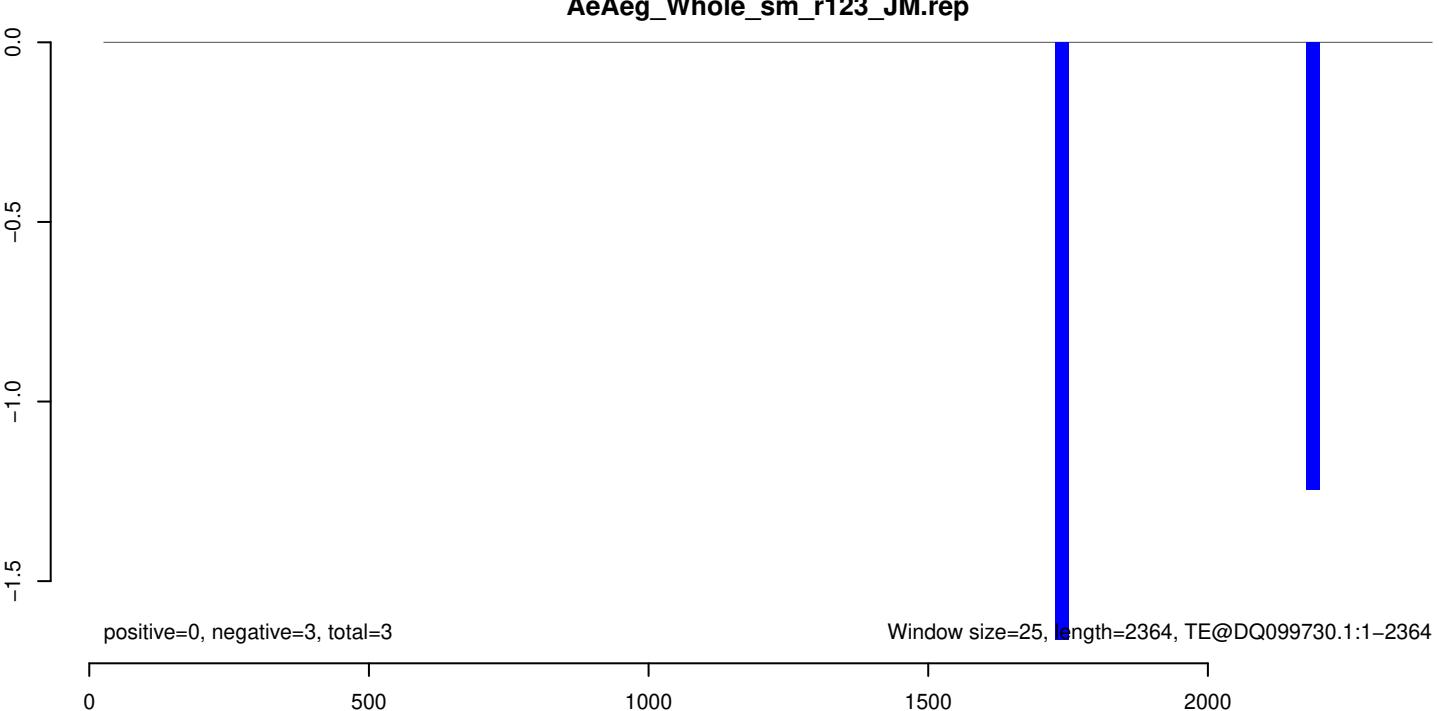
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



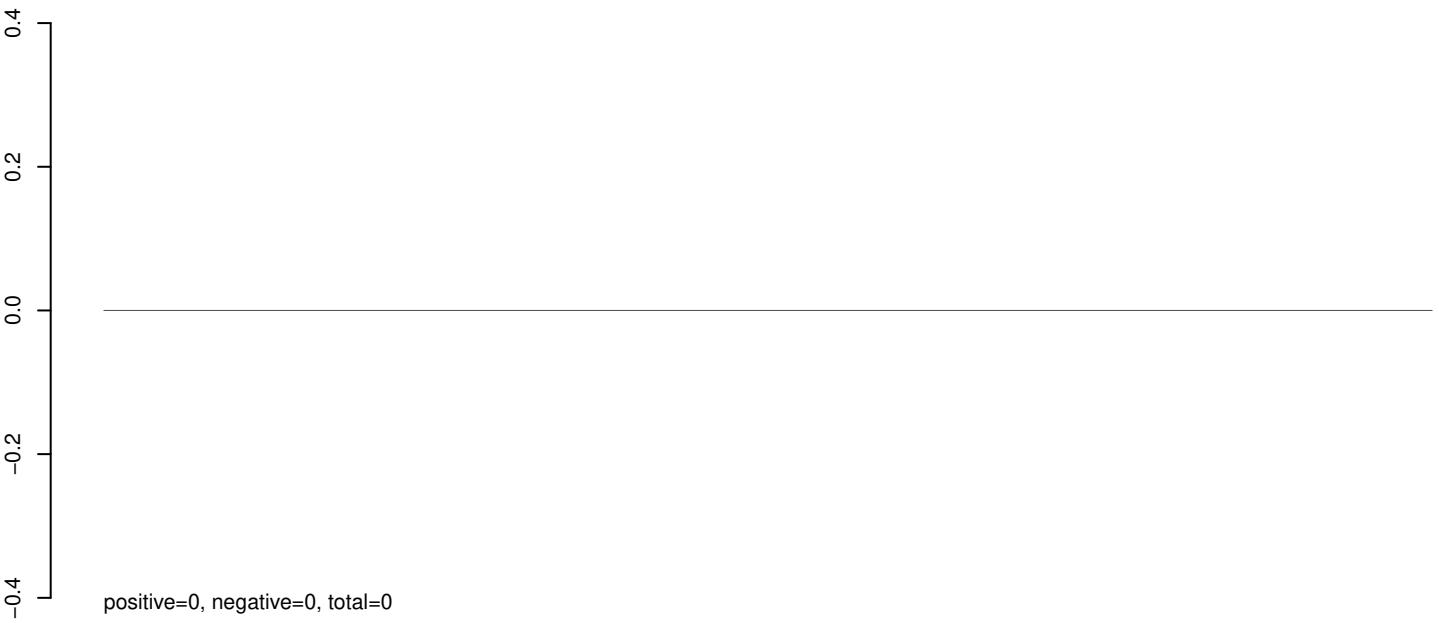
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



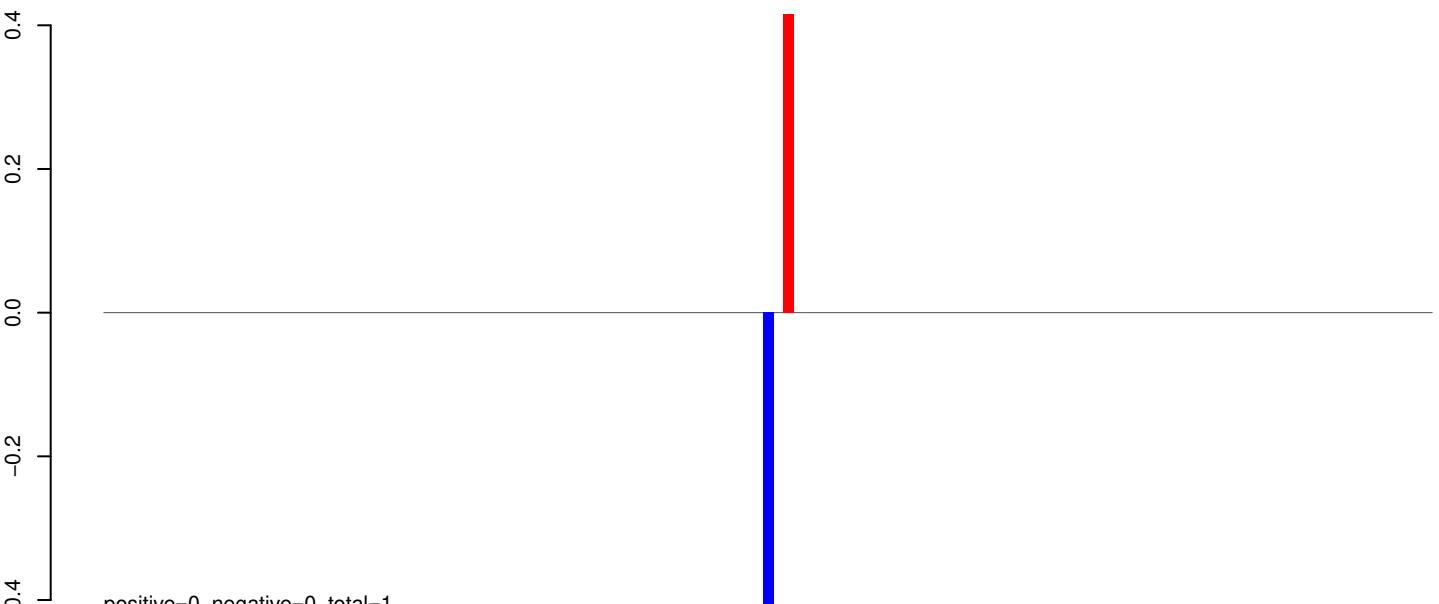
### AeAeg\_Whole\_sm\_r123\_JM.rep



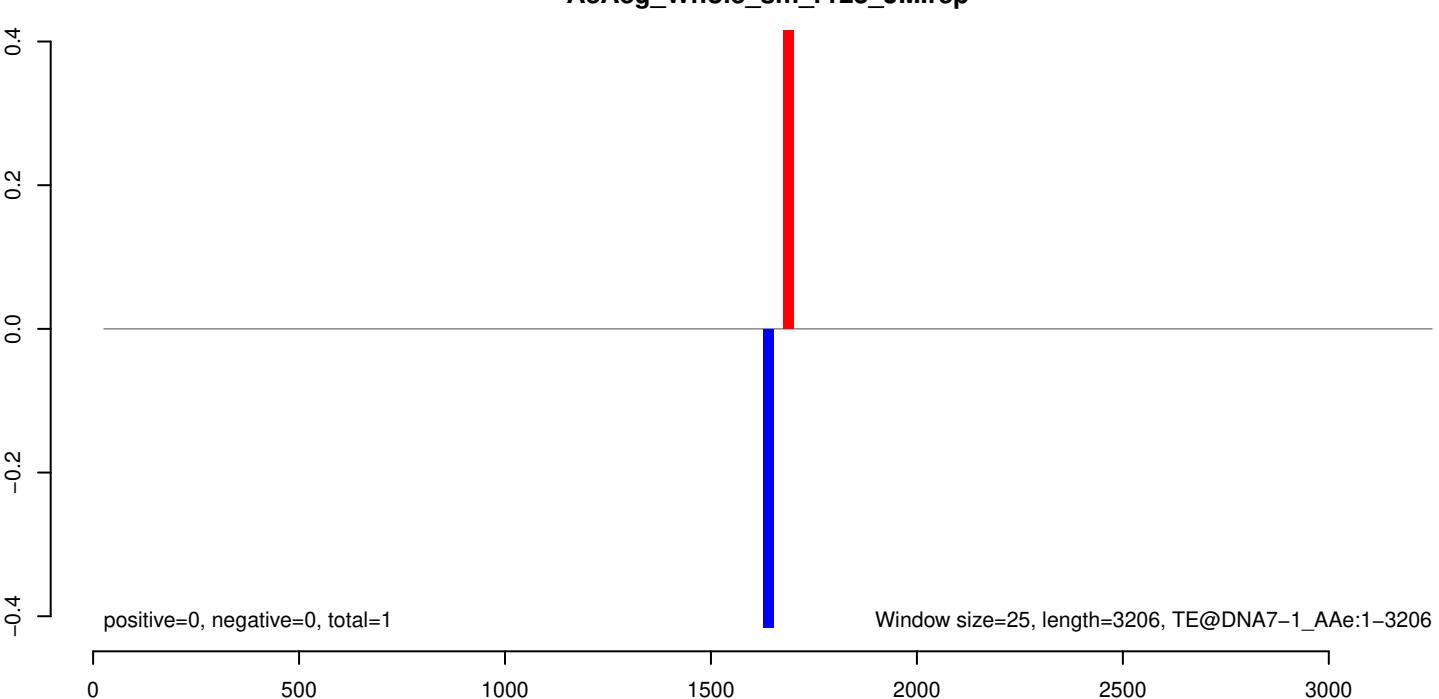
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



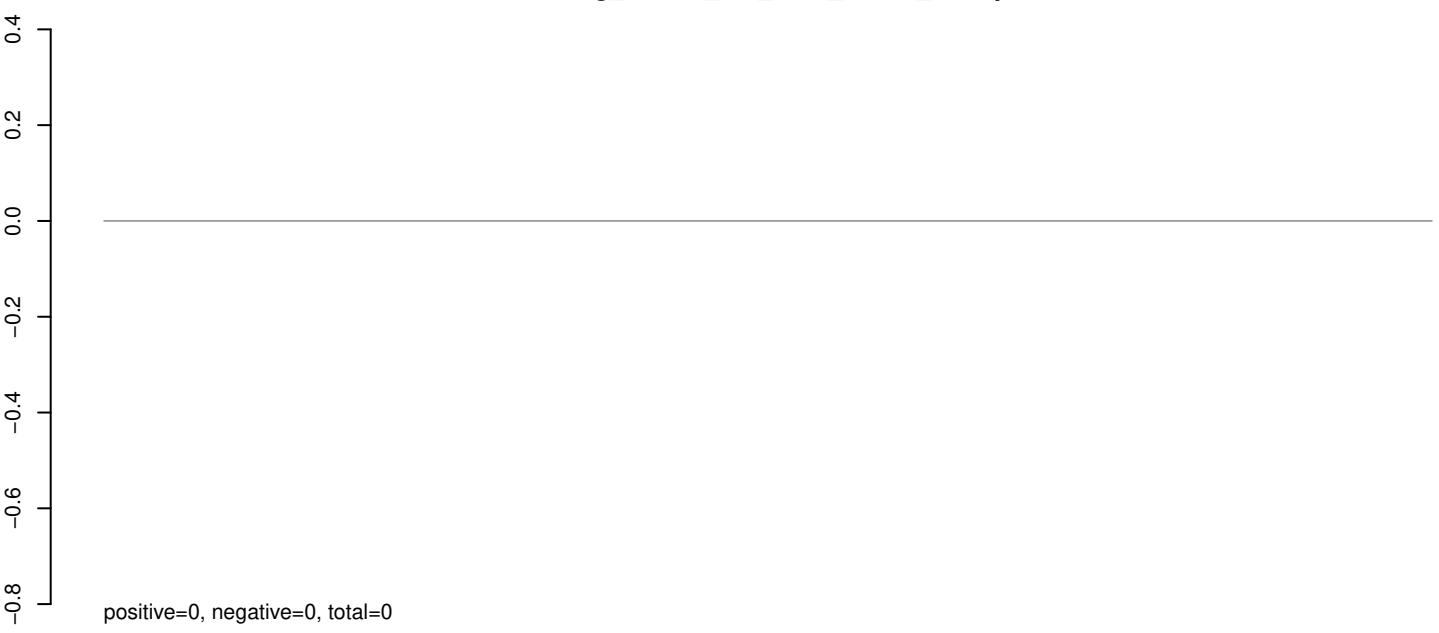
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



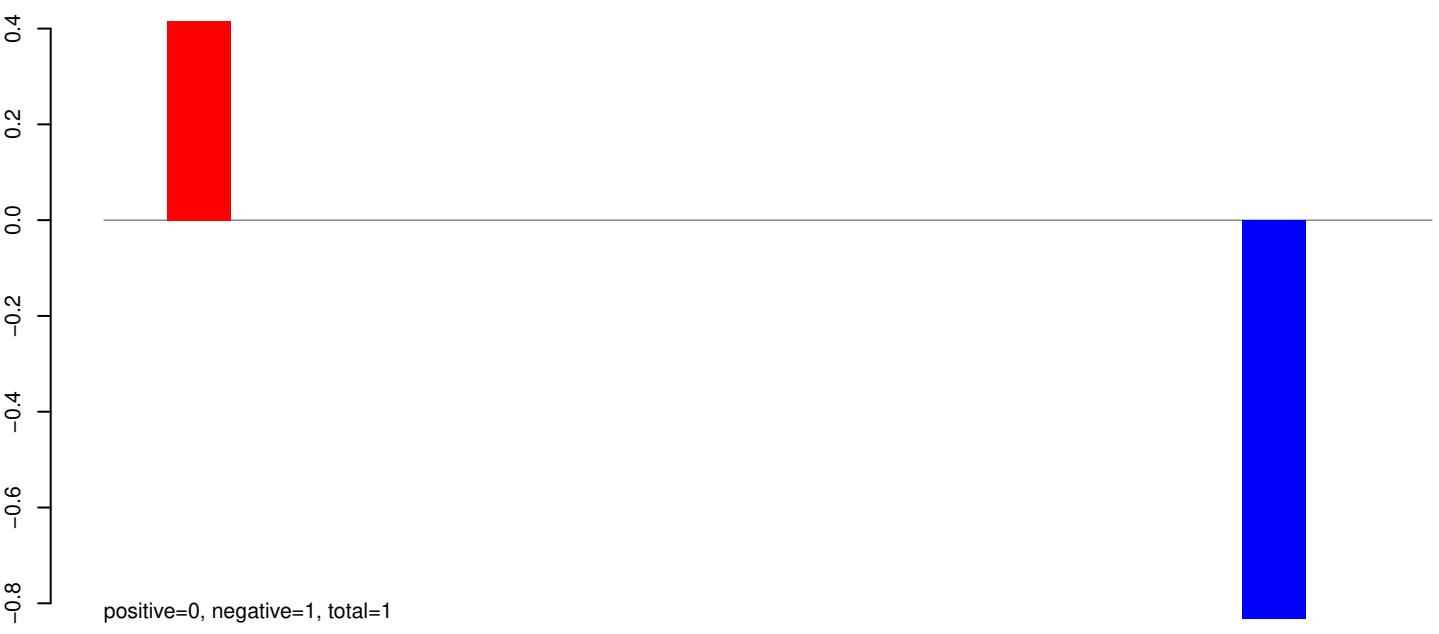
### AeAeg\_Whole\_sm\_r123\_JM.rep



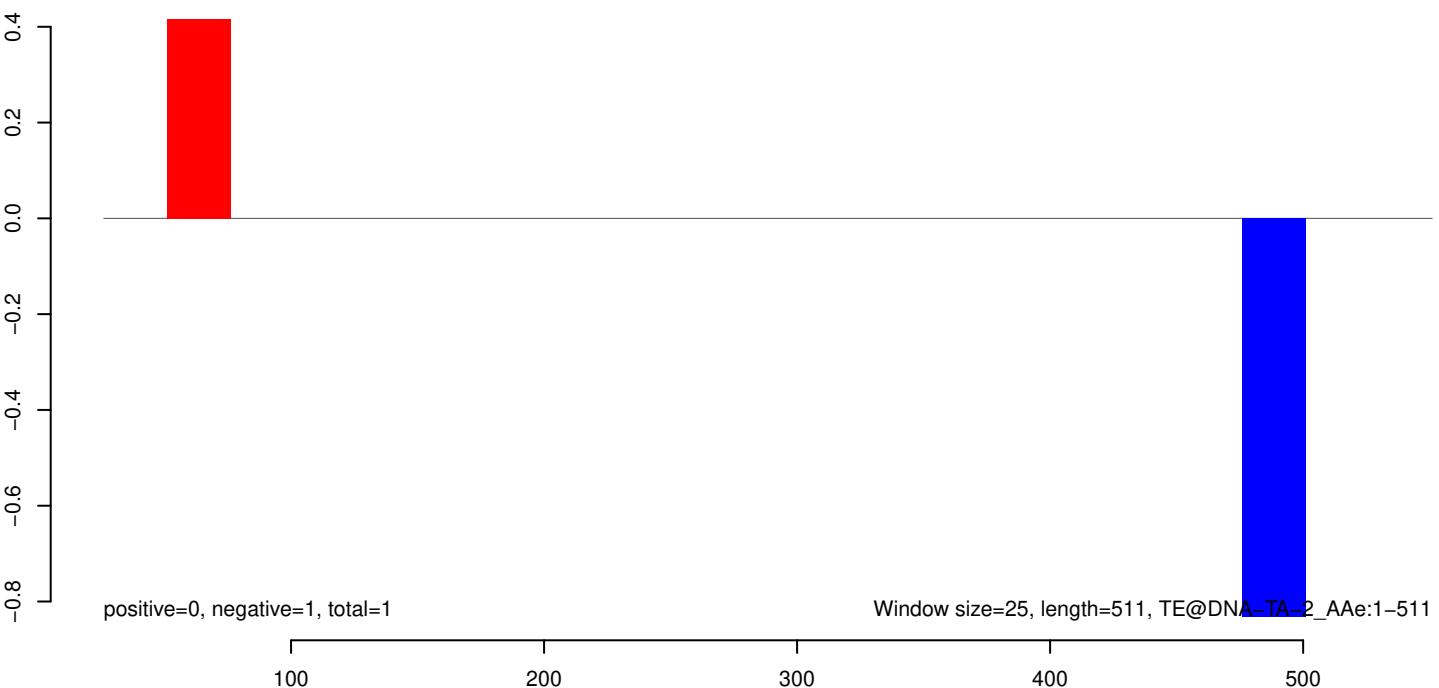
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



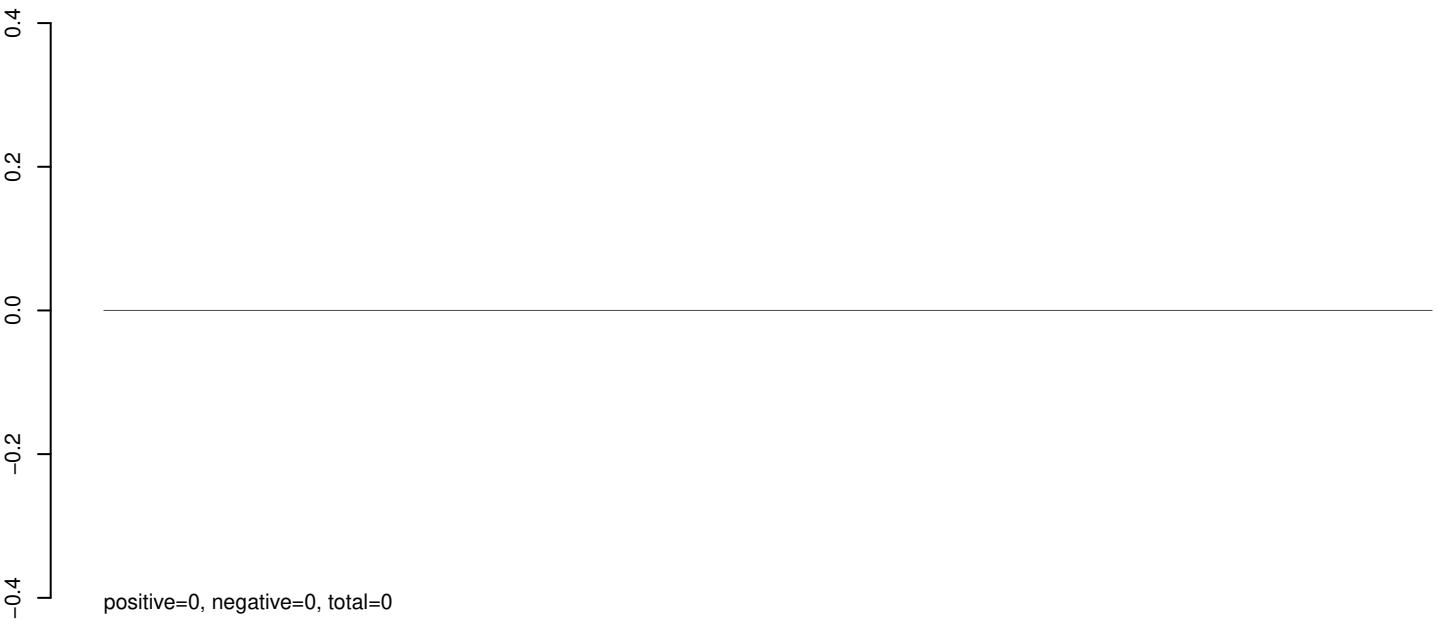
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



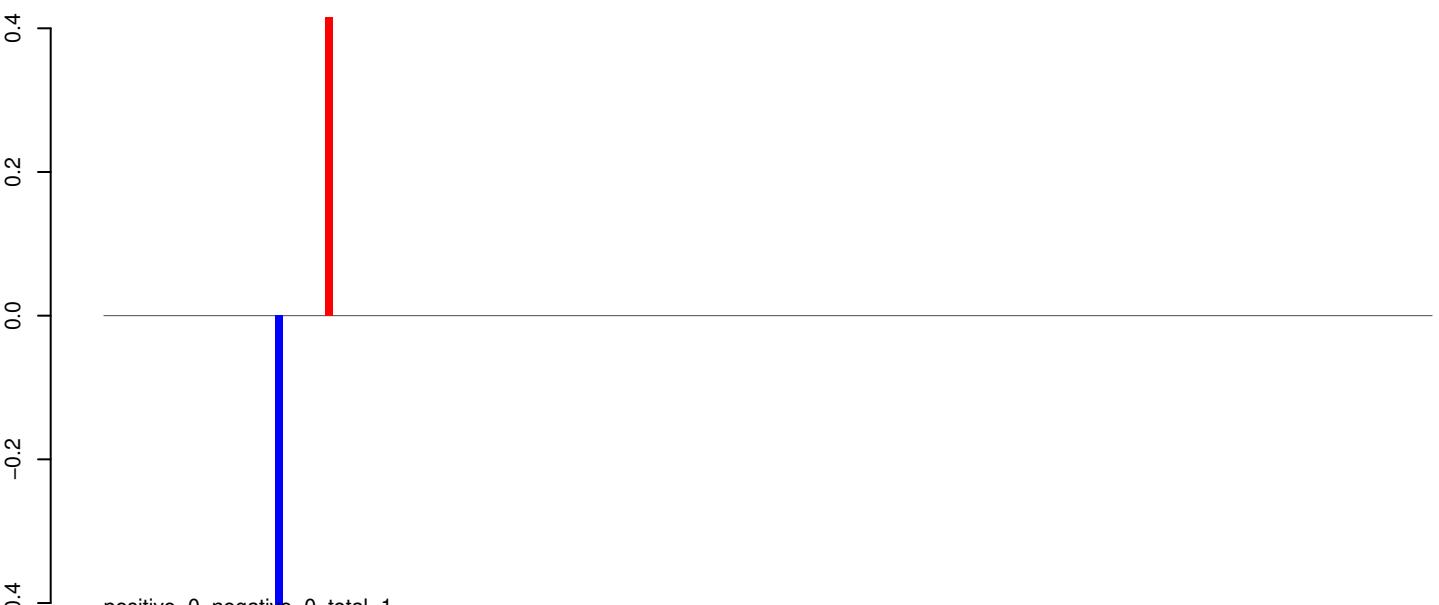
**AeAeg\_Whole\_sm\_r123\_JM.rep**



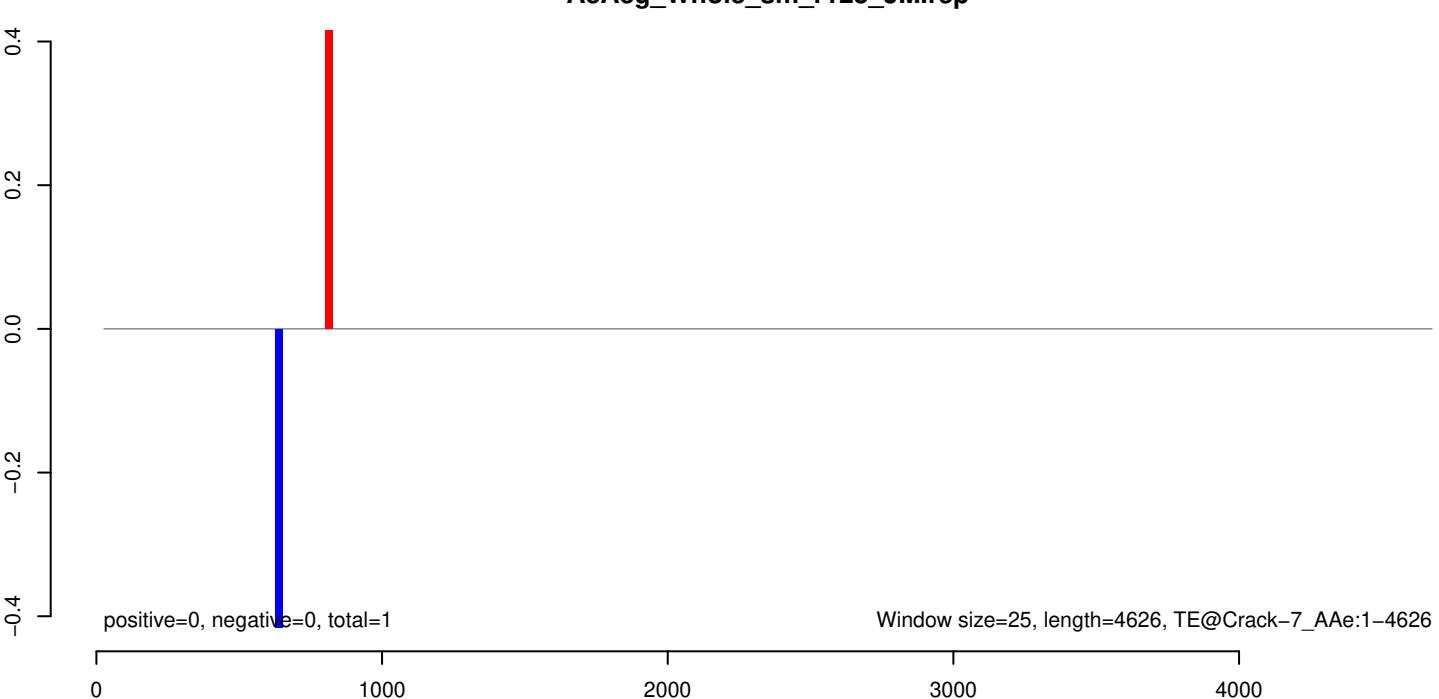
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



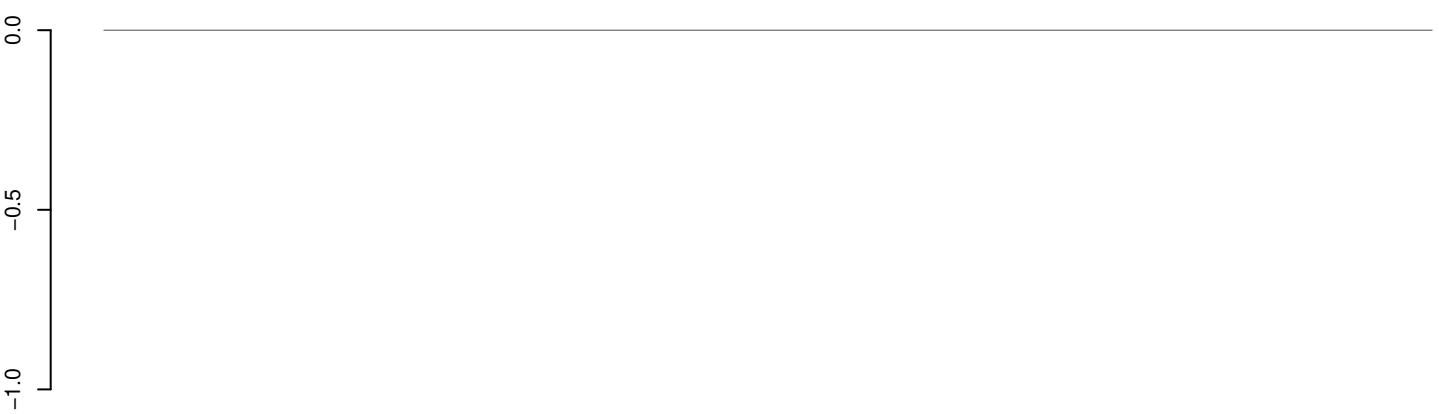
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

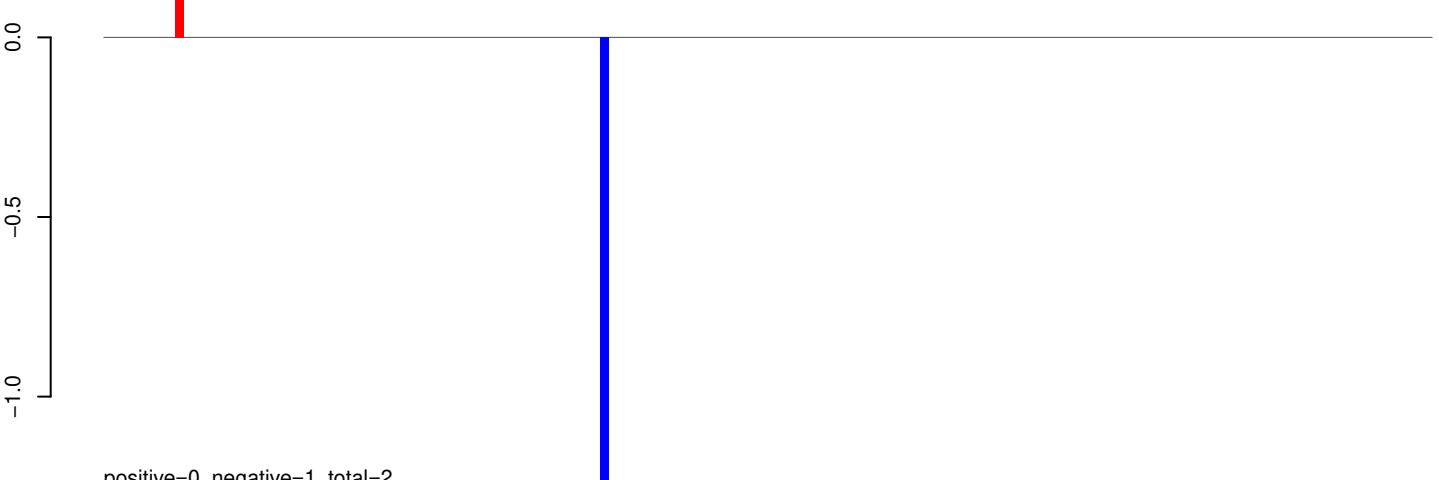


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



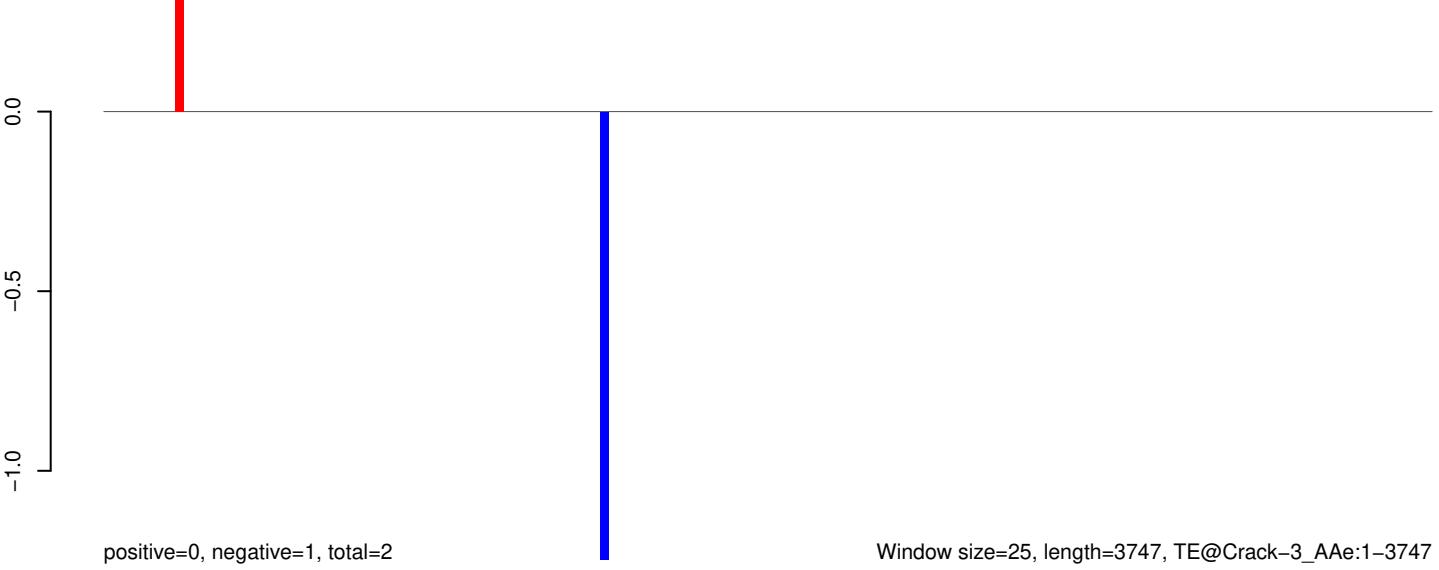
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=1, total=2

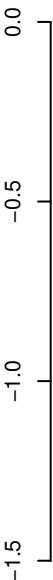
**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=0, negative=1, total=2

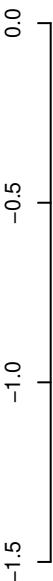
Window size=25, length=3747, TE@Crack-3\_AAe:1-3747

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



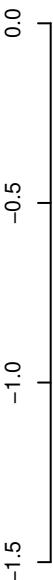
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



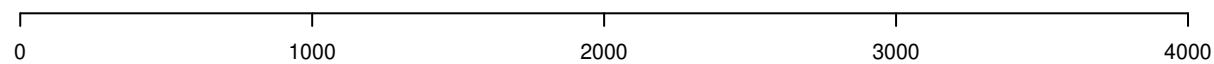
positive=0, negative=3, total=3

### AeAeg\_Whole\_sm\_r123\_JM.rep

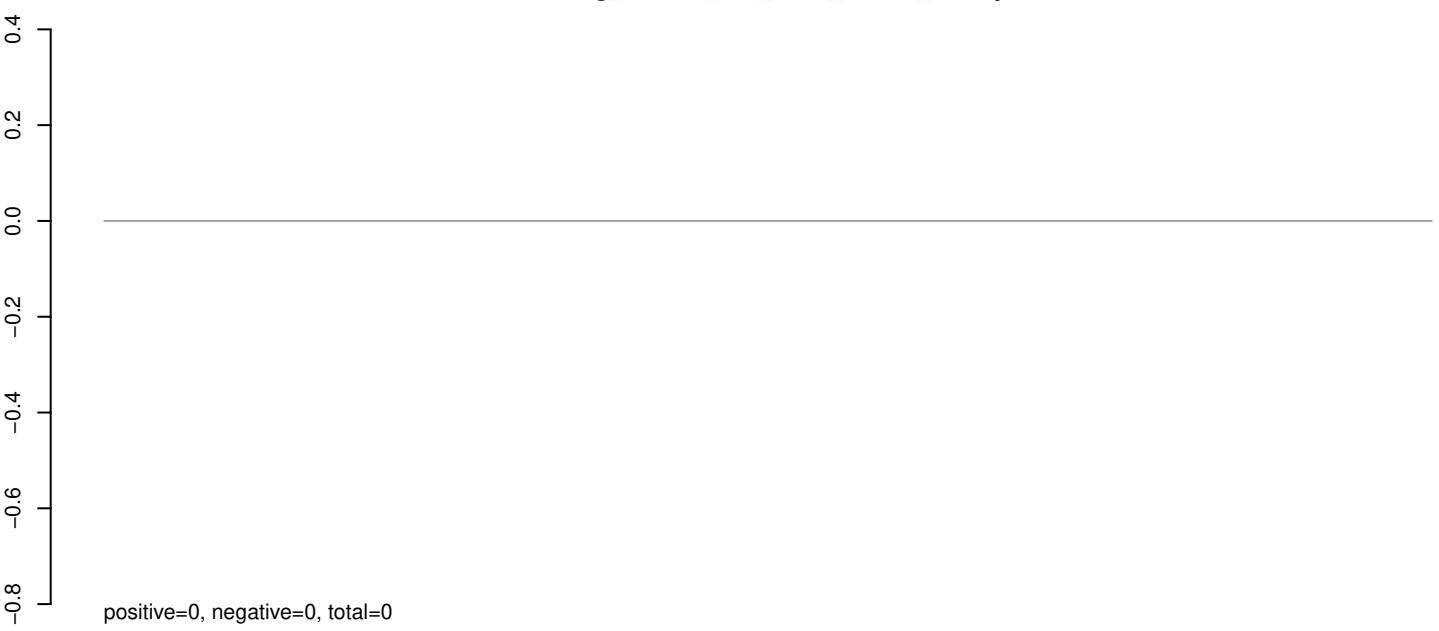


positive=0, negative=3, total=3

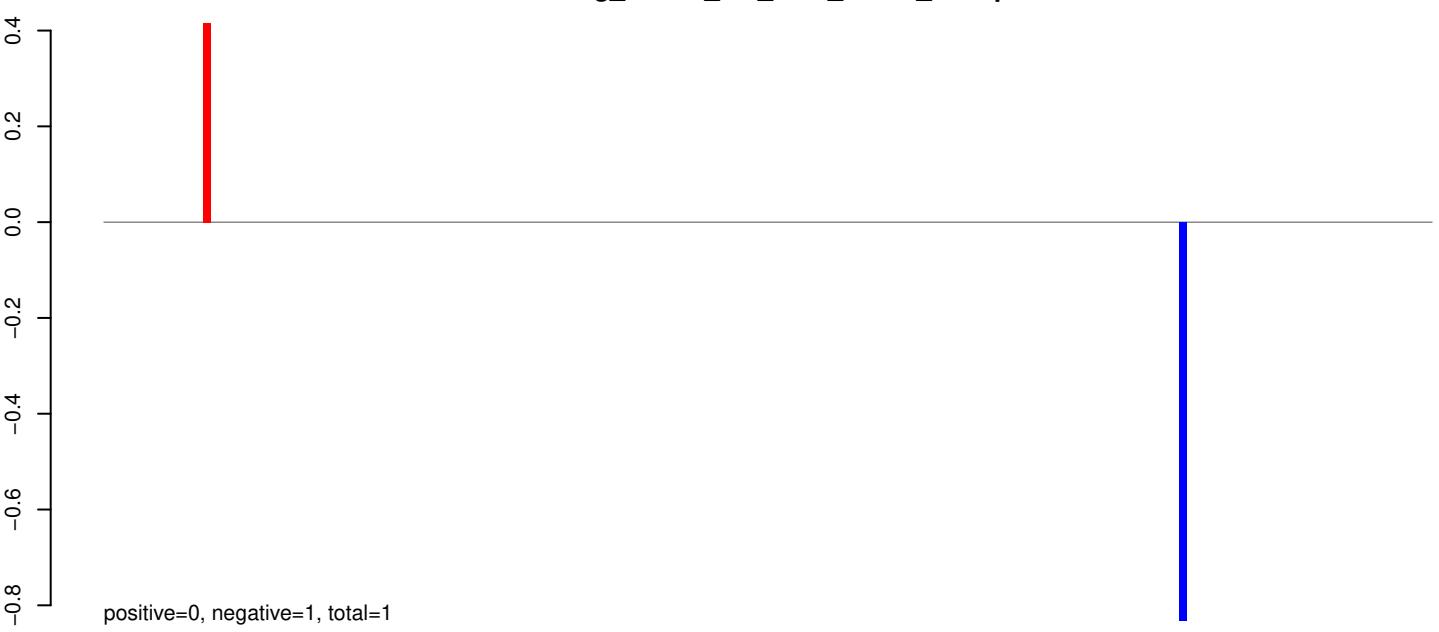
Window size=25, length=4533, TE@Crack-25\_AAe:1-4533



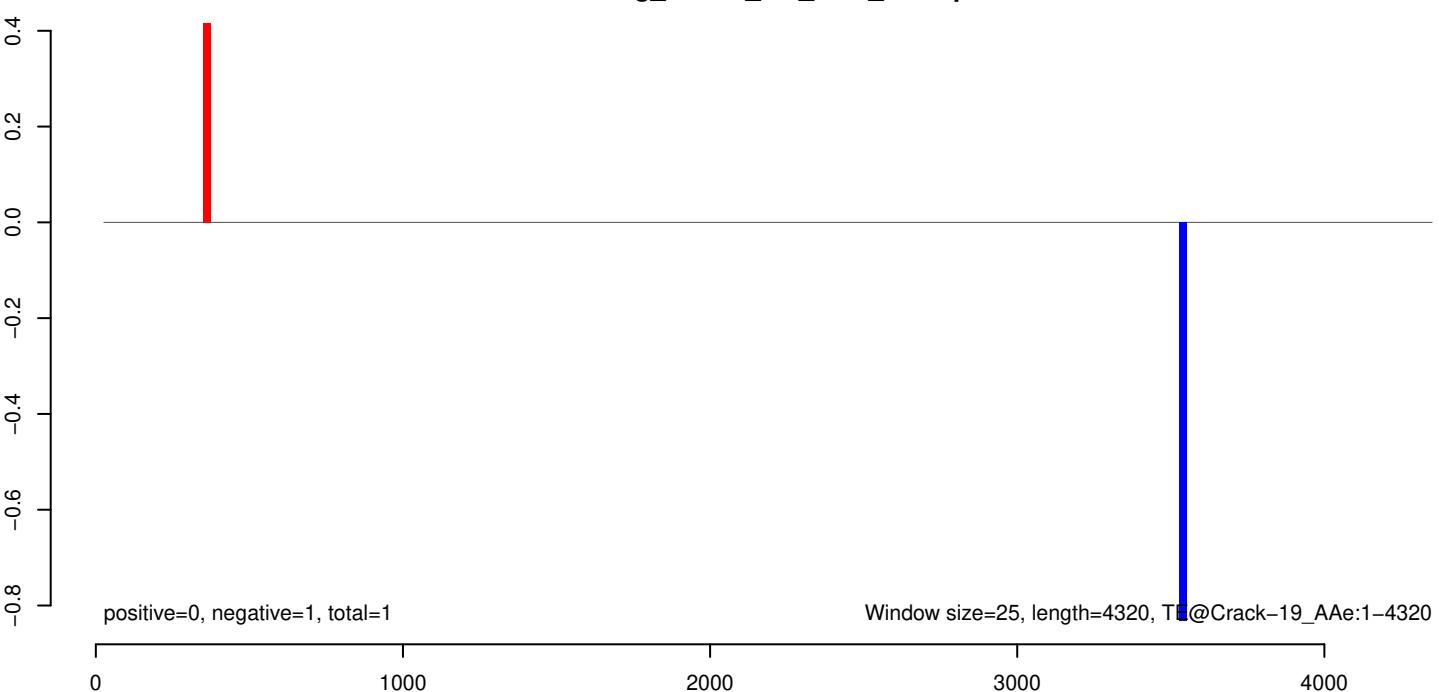
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

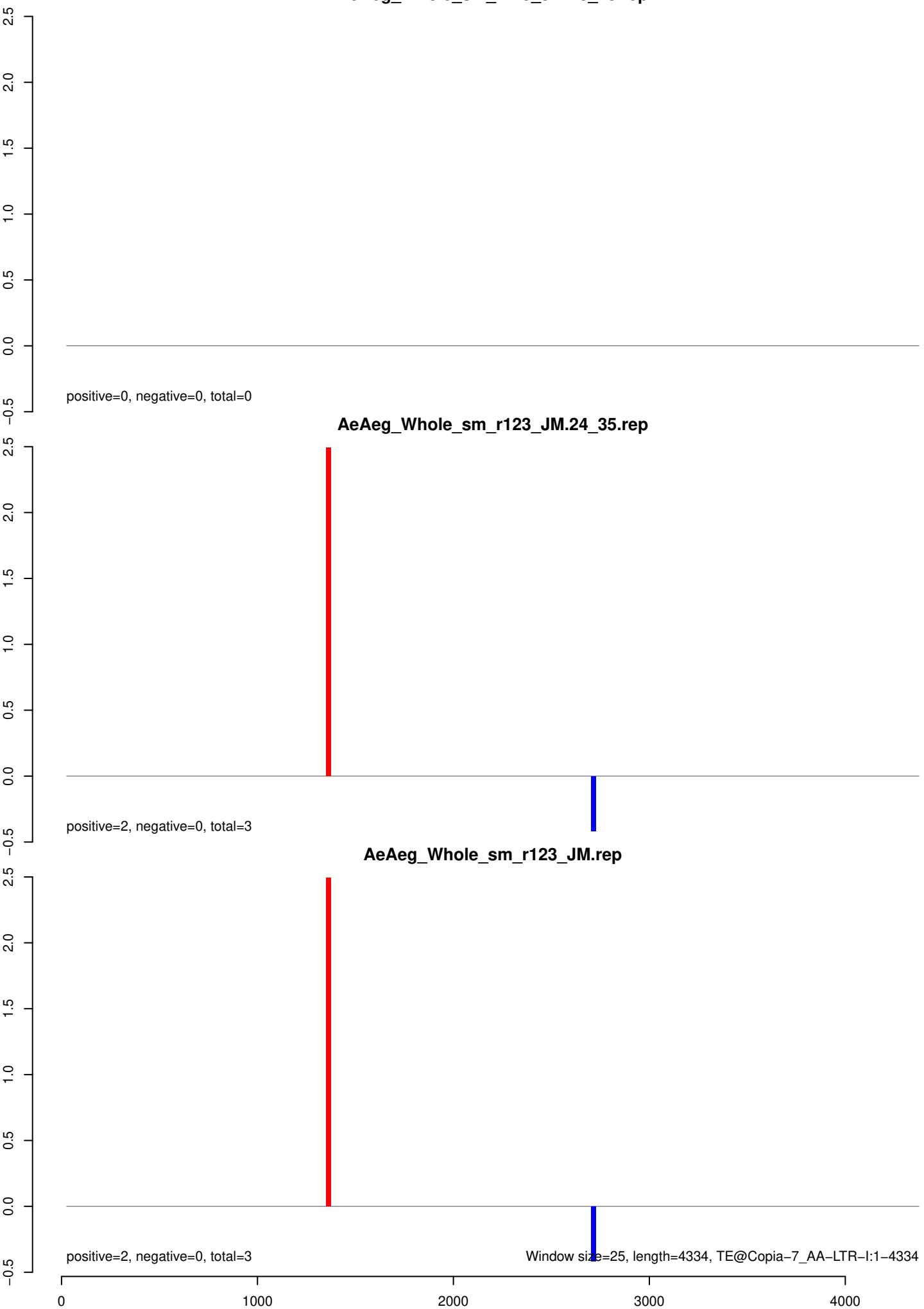
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=2, negative=0, total=3

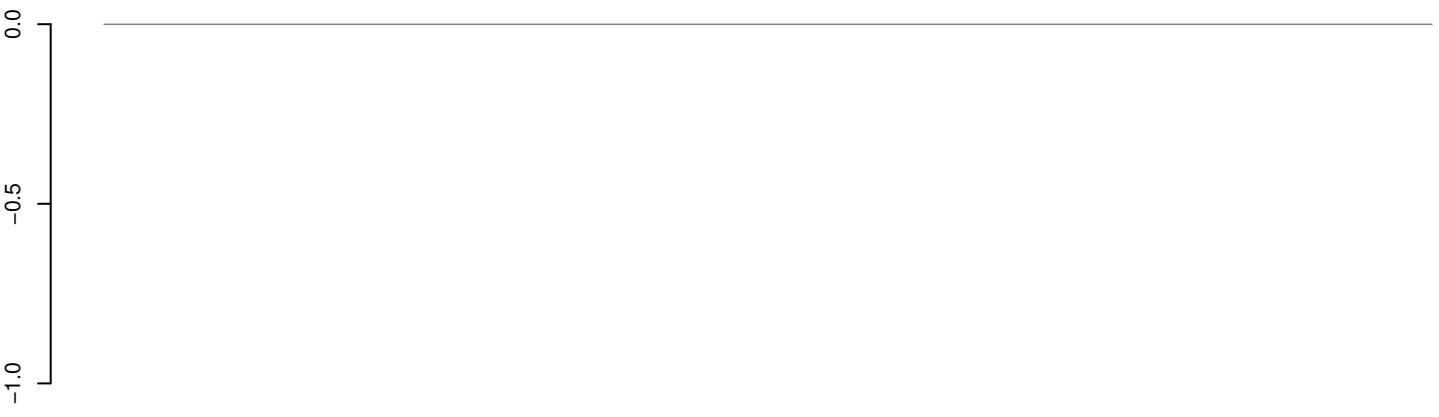
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=2, negative=0, total=3

Window size=25, length=4334, TE@Copia-7\_AA-LTR-I:1-4334

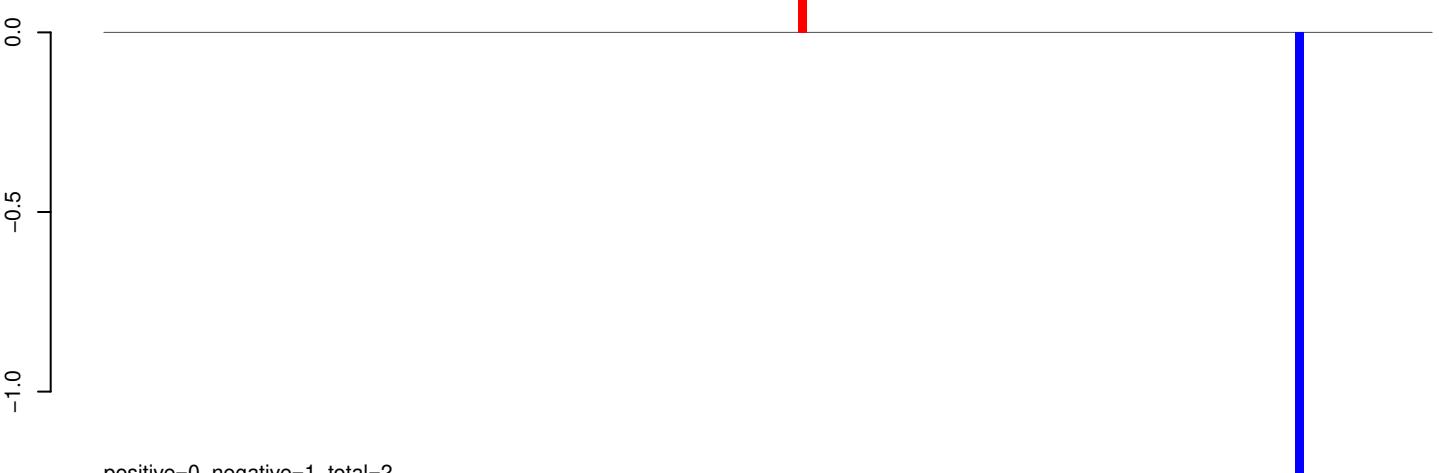


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



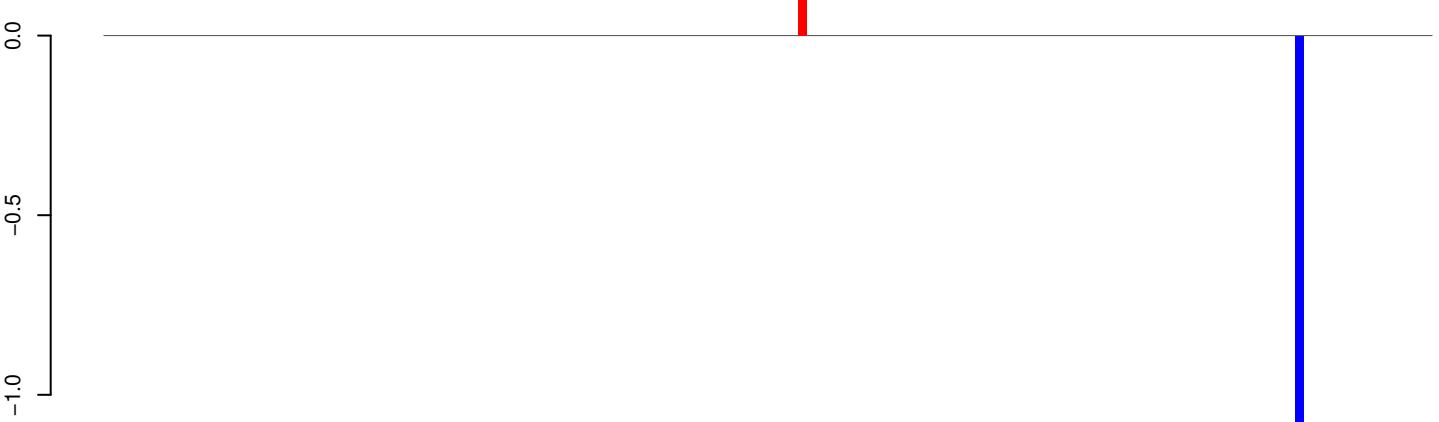
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



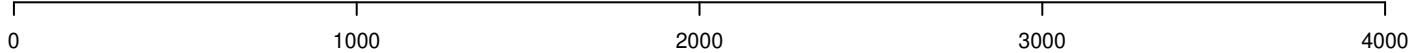
positive=0, negative=1, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=0, negative=1, total=2

Window size=25, length=3856, TE@CR1 Ele36:1–3856



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



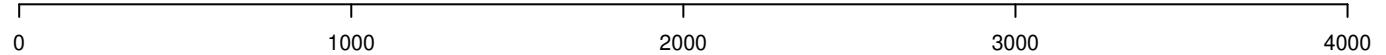
positive=0, negative=2, total=2

**AeAeg\_Whole\_sm\_r123\_JM.rep**

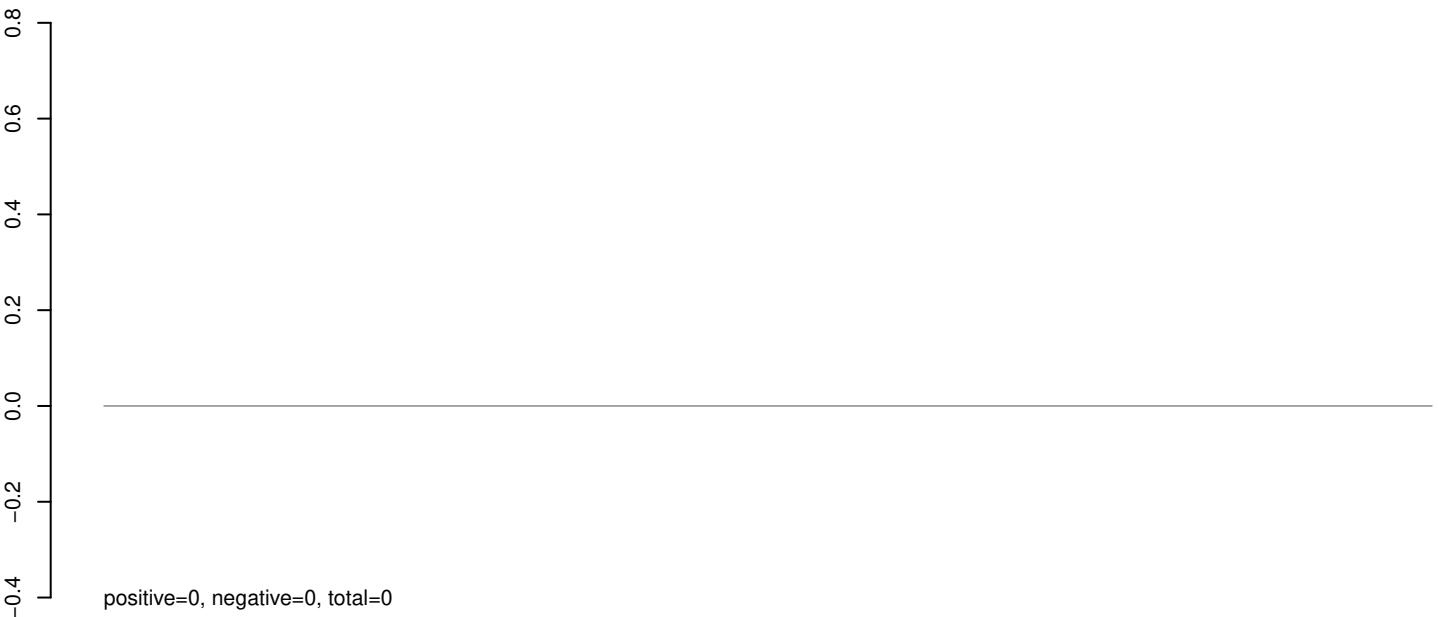


positive=0, negative=2, total=2

Window size=25, length=3988, TE@CR1-69\_AAc:1-3988



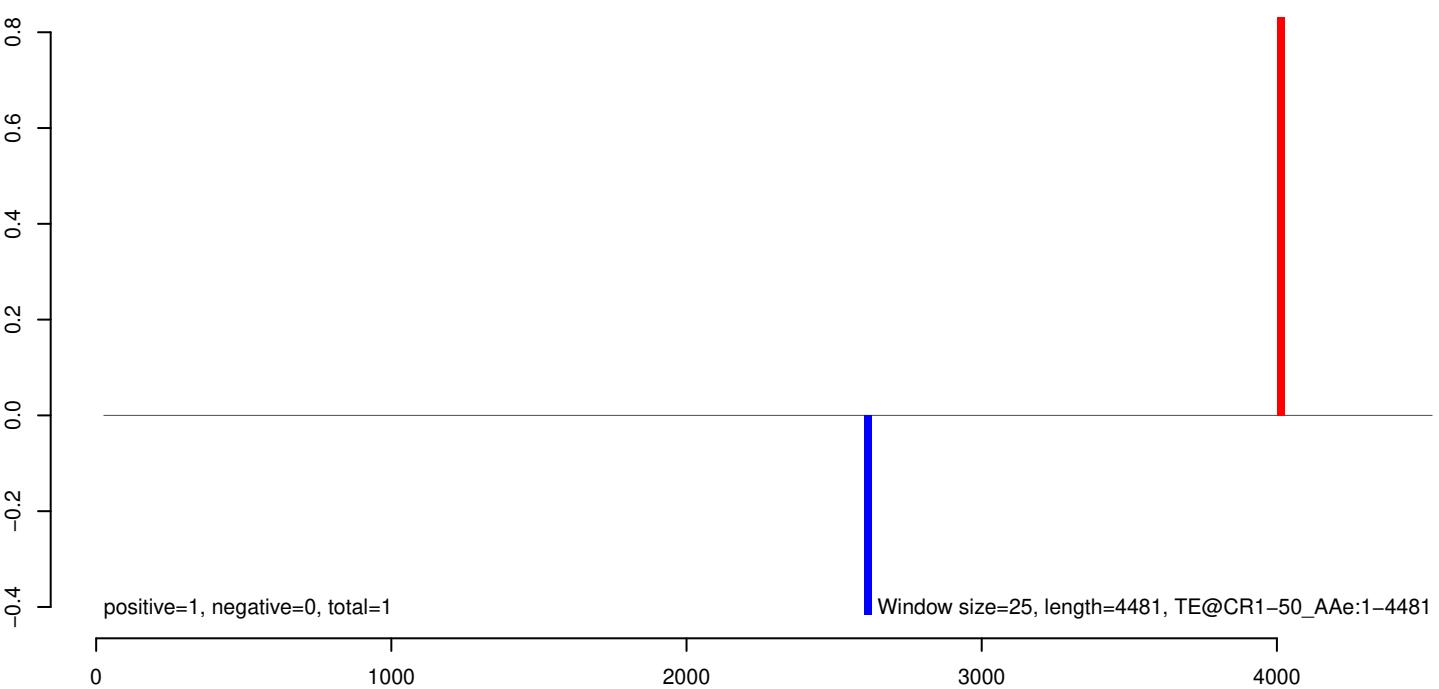
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



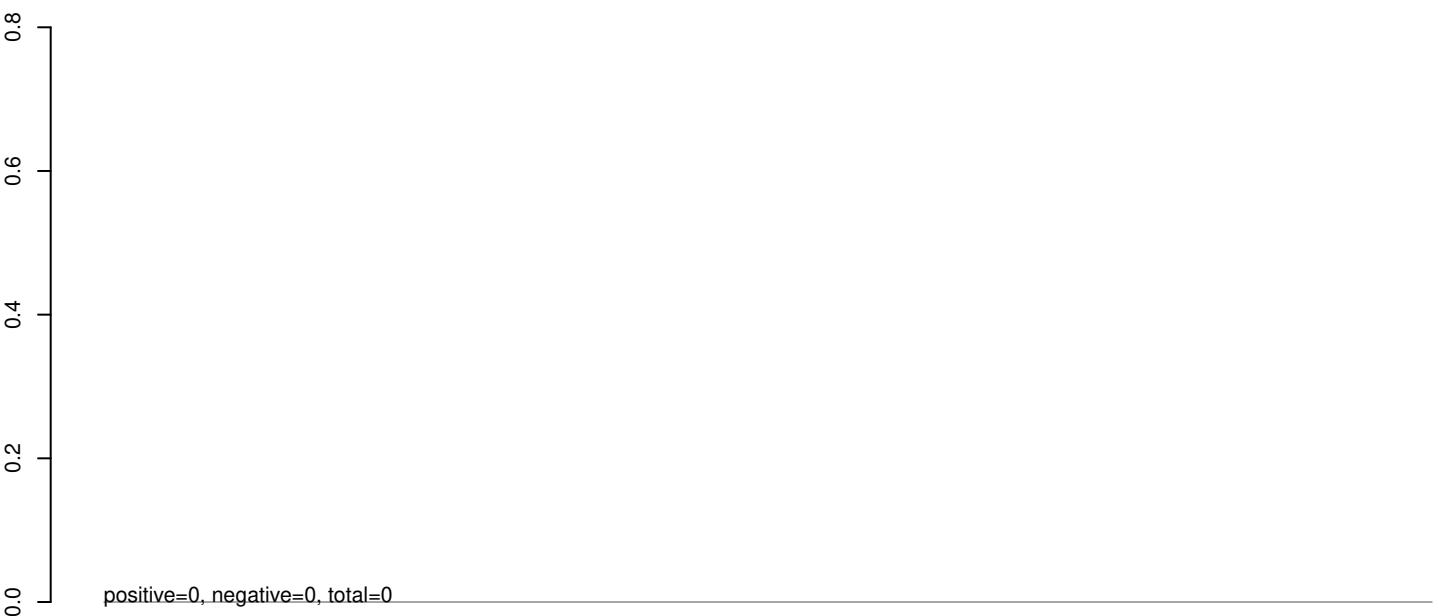
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



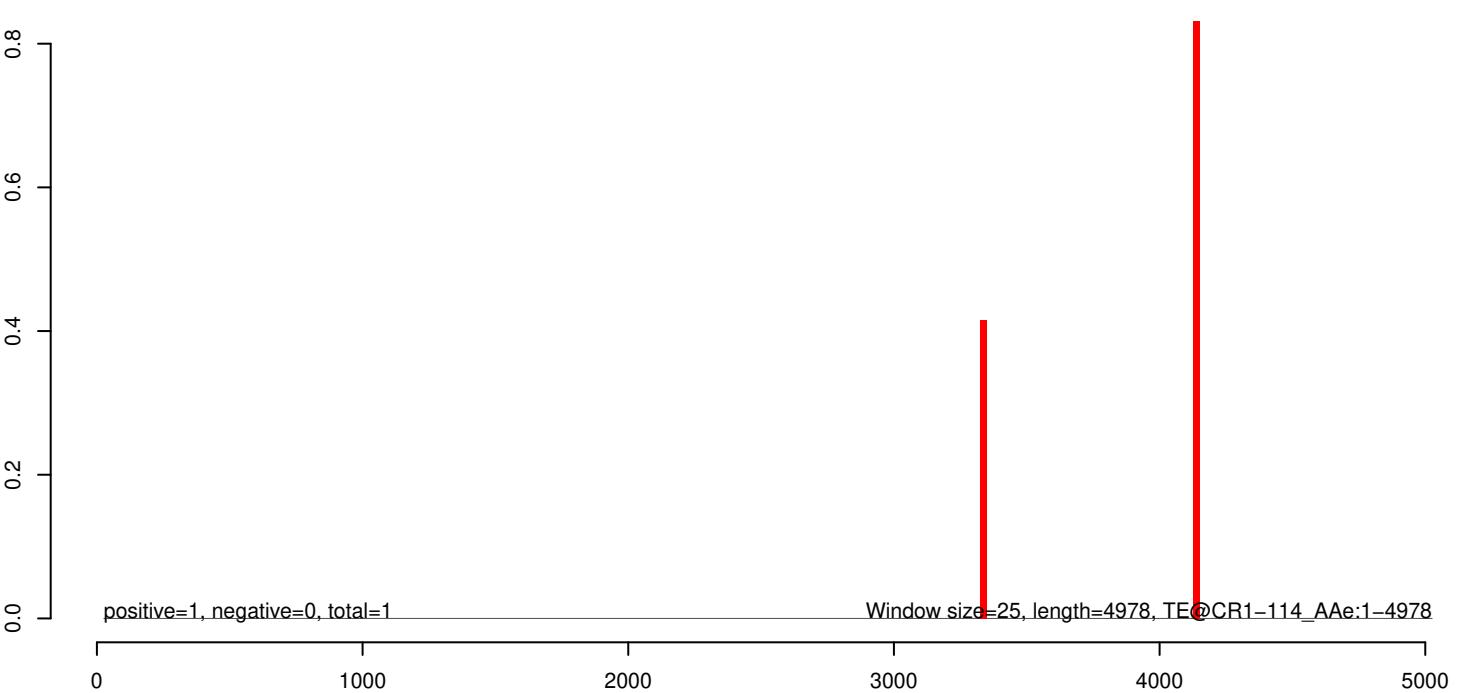
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



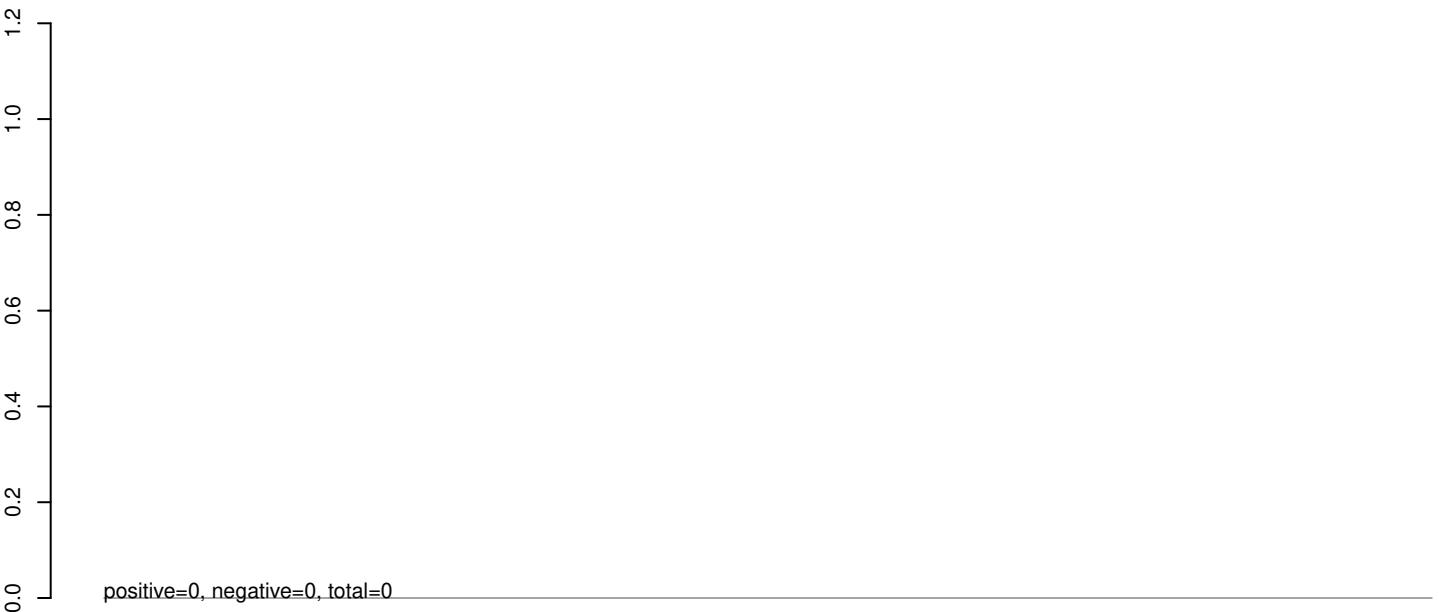
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



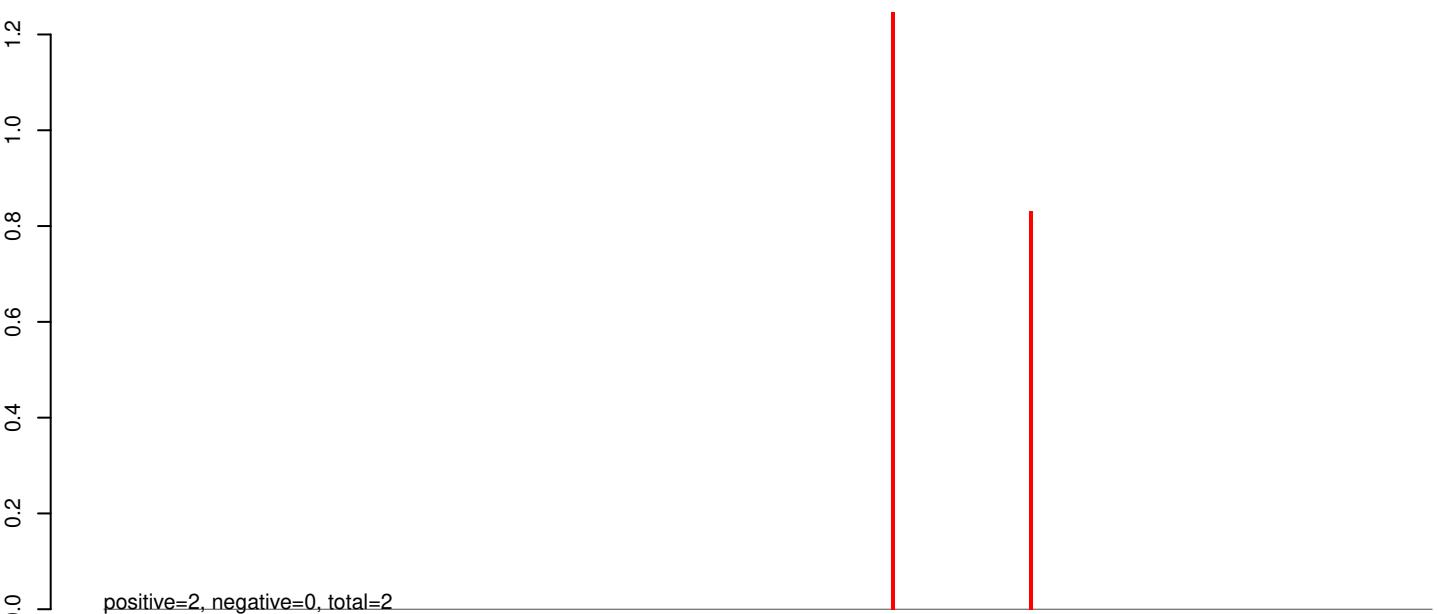
### AeAeg\_Whole\_sm\_r123\_JM.rep



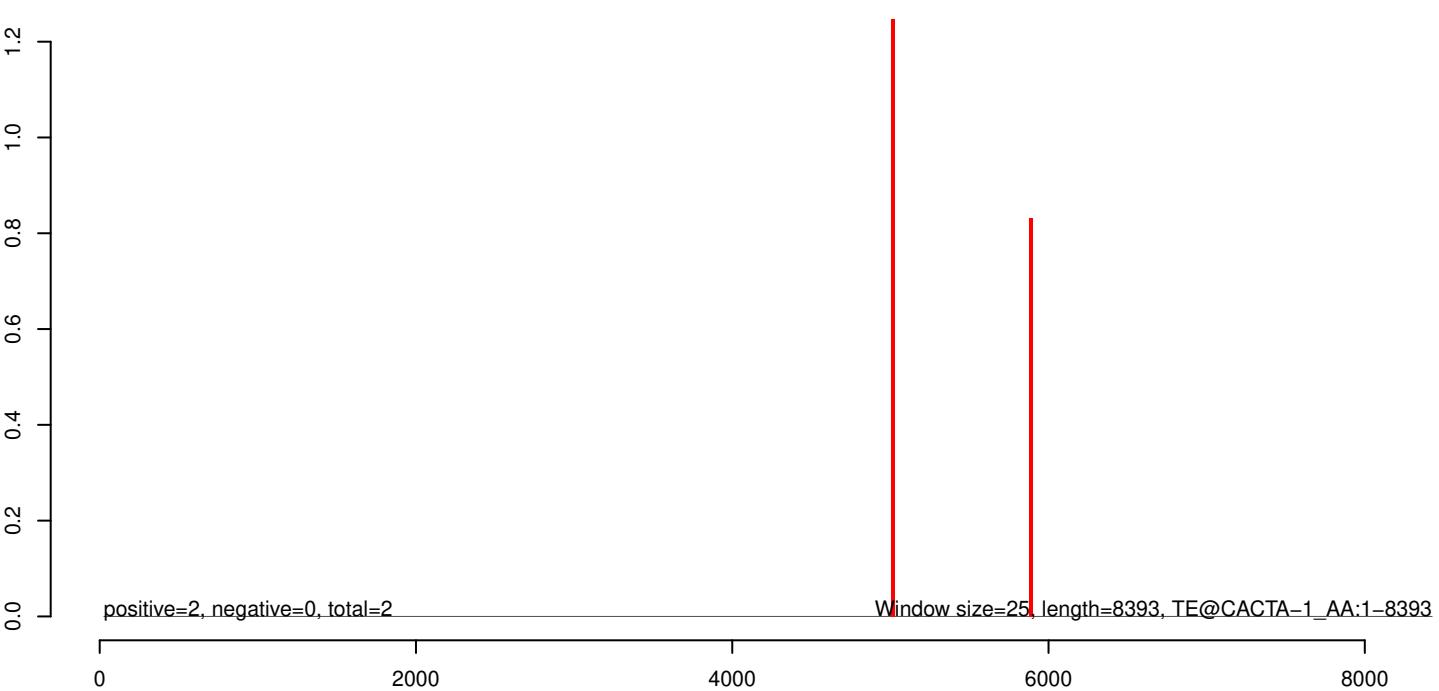
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



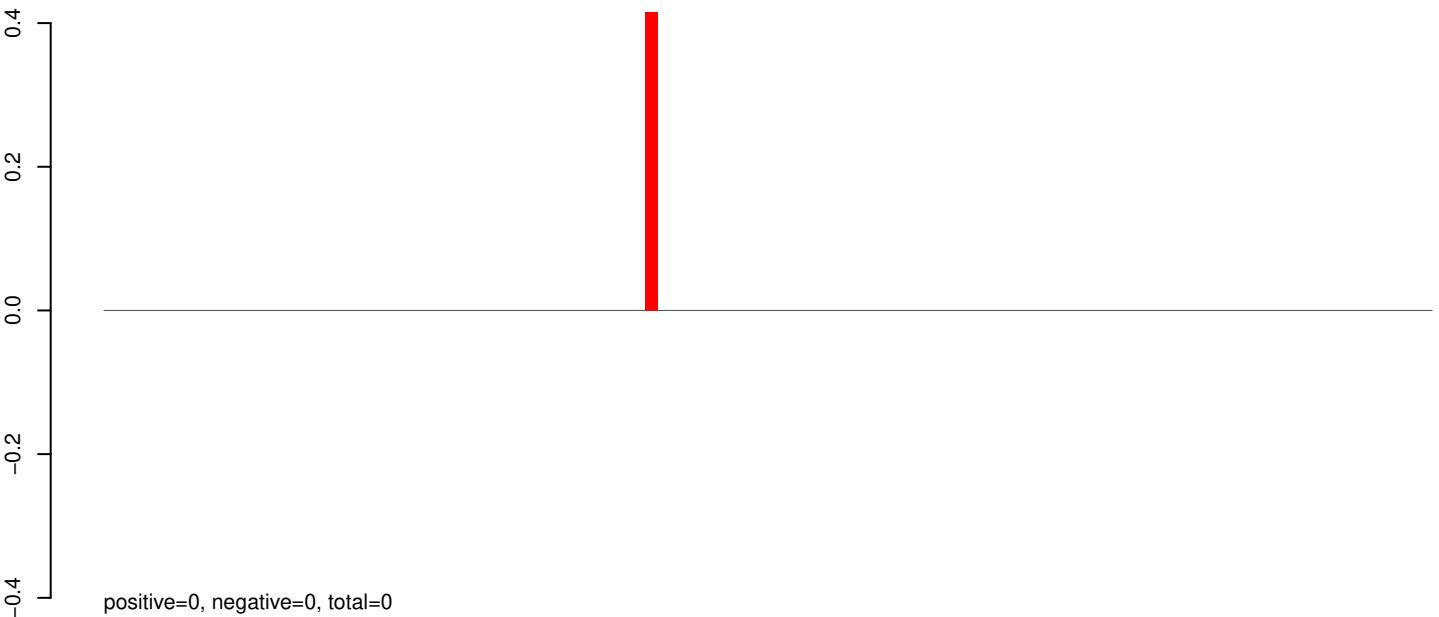
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



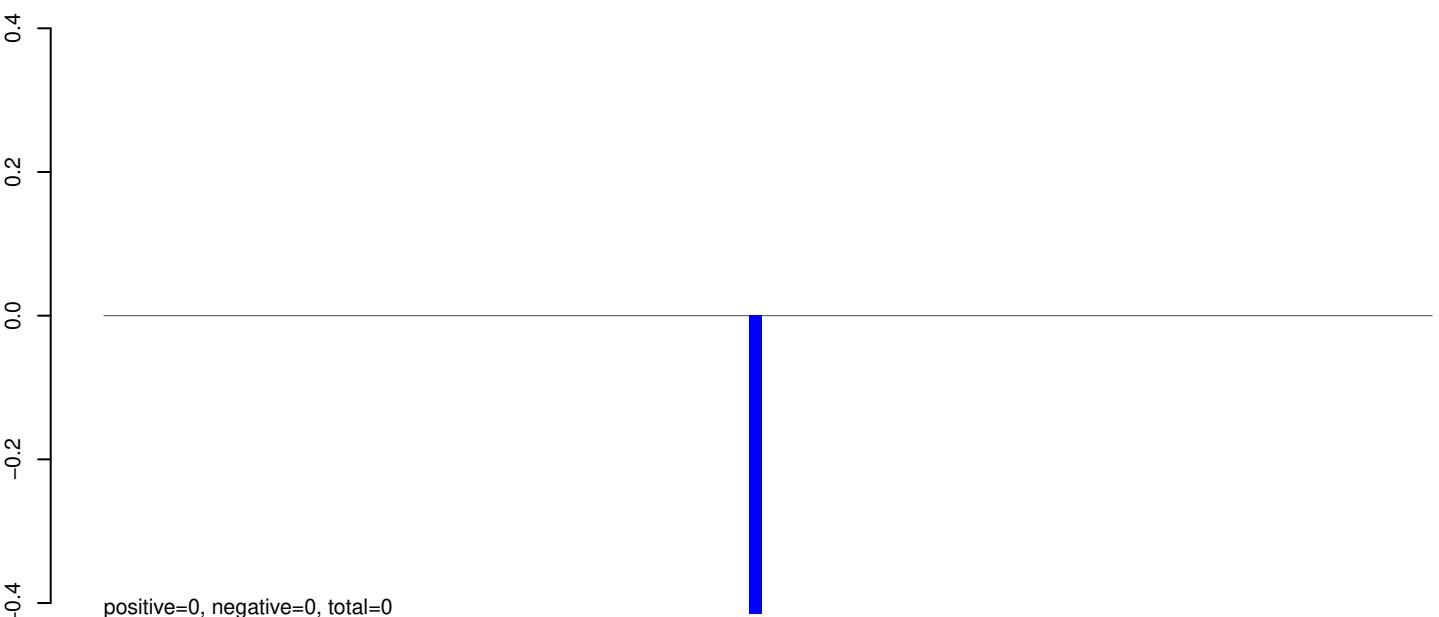
**AeAeg\_Whole\_sm\_r123\_JM.rep**



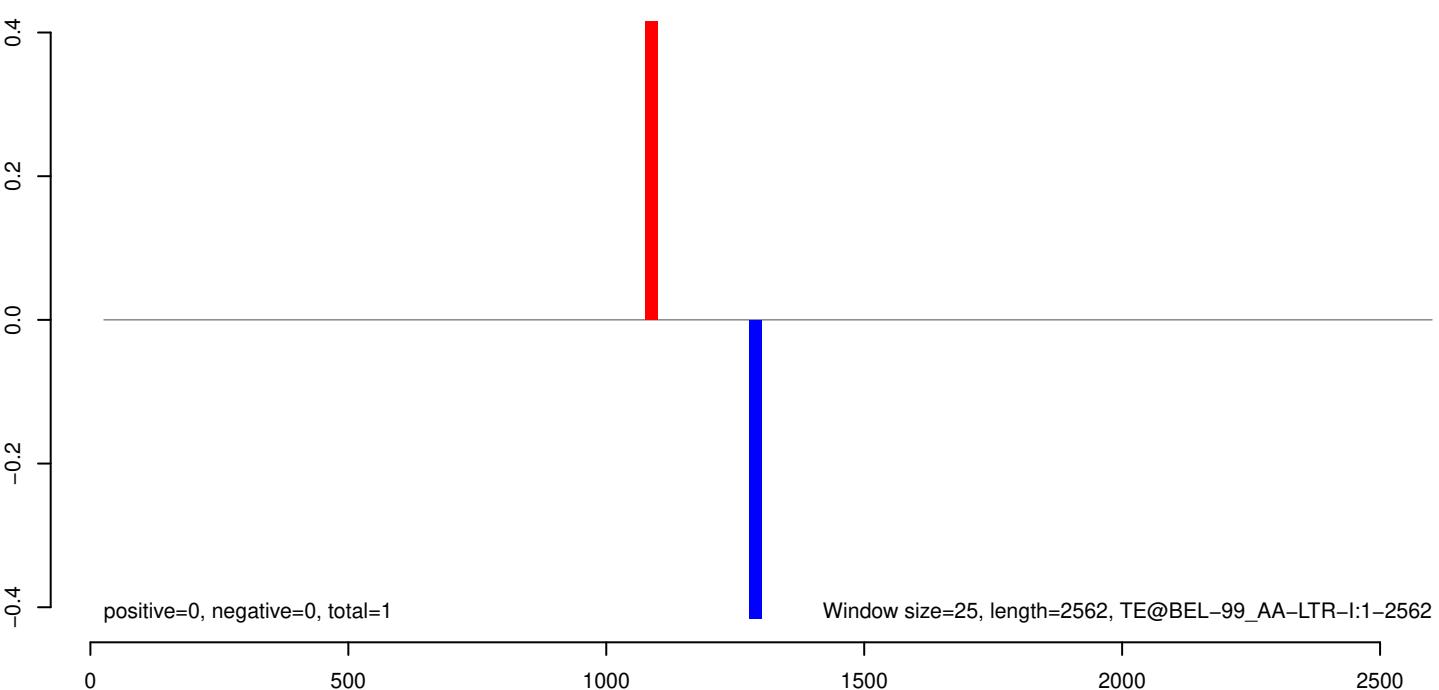
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



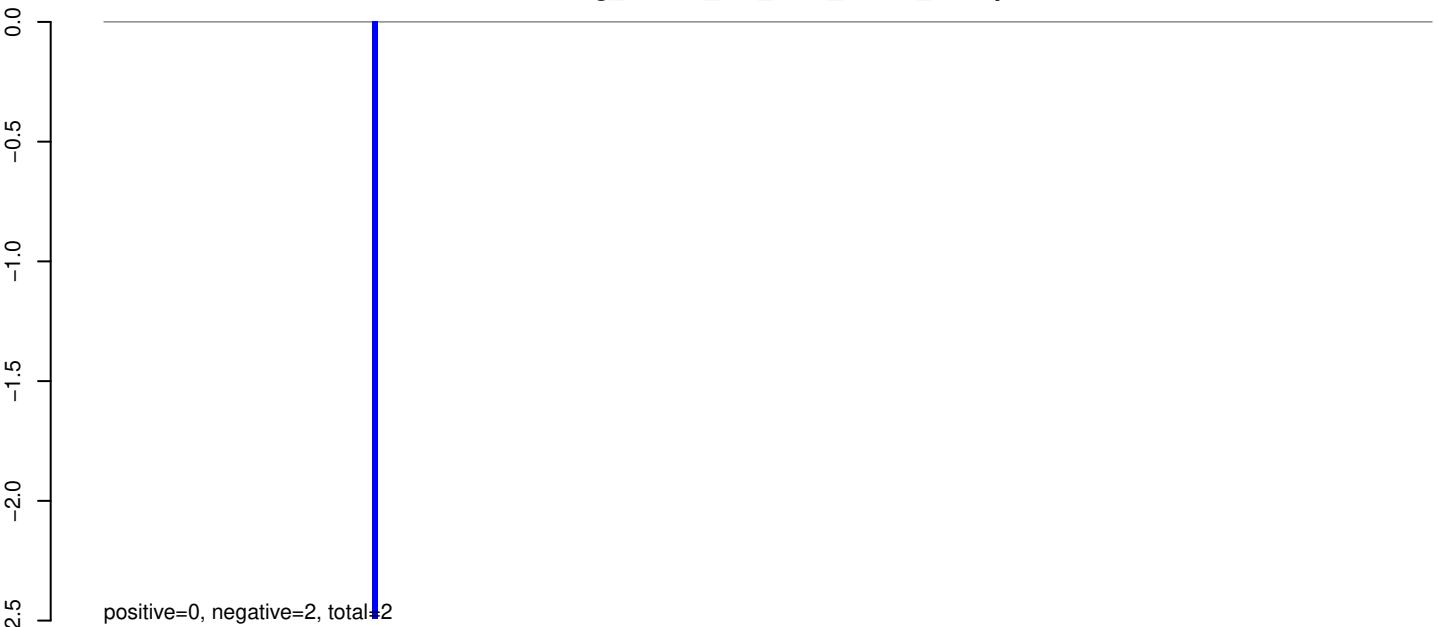
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



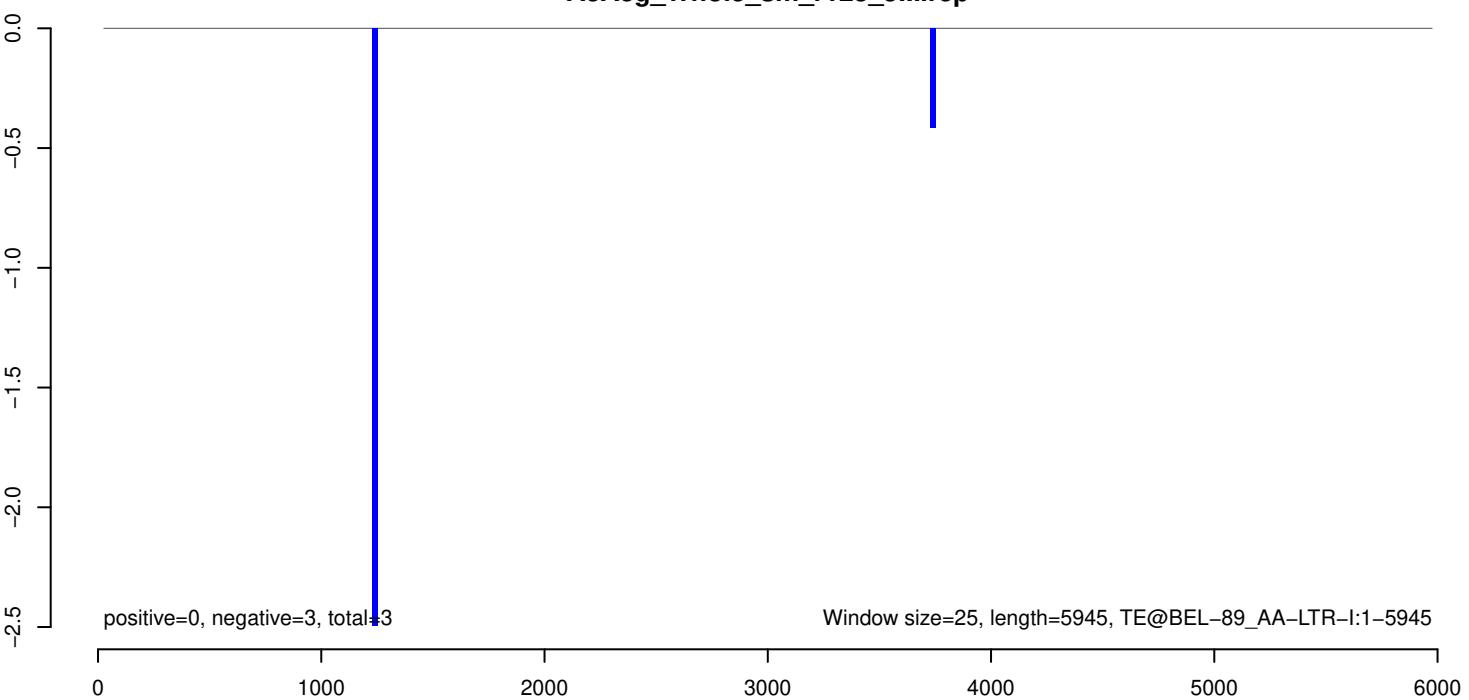
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



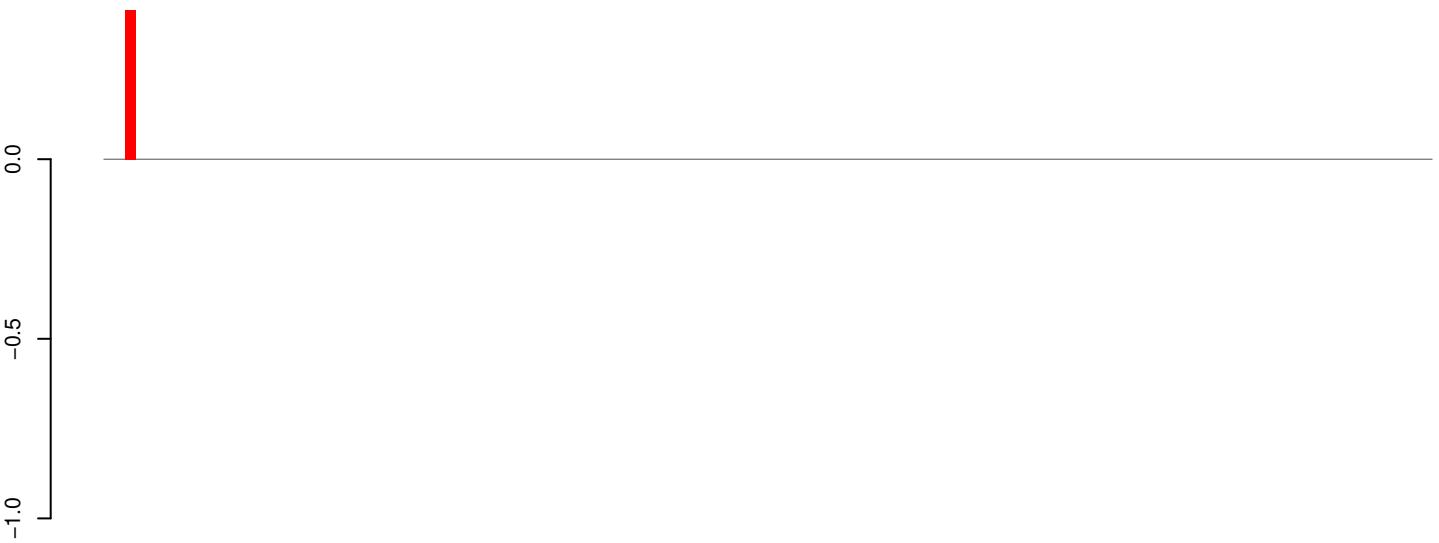
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

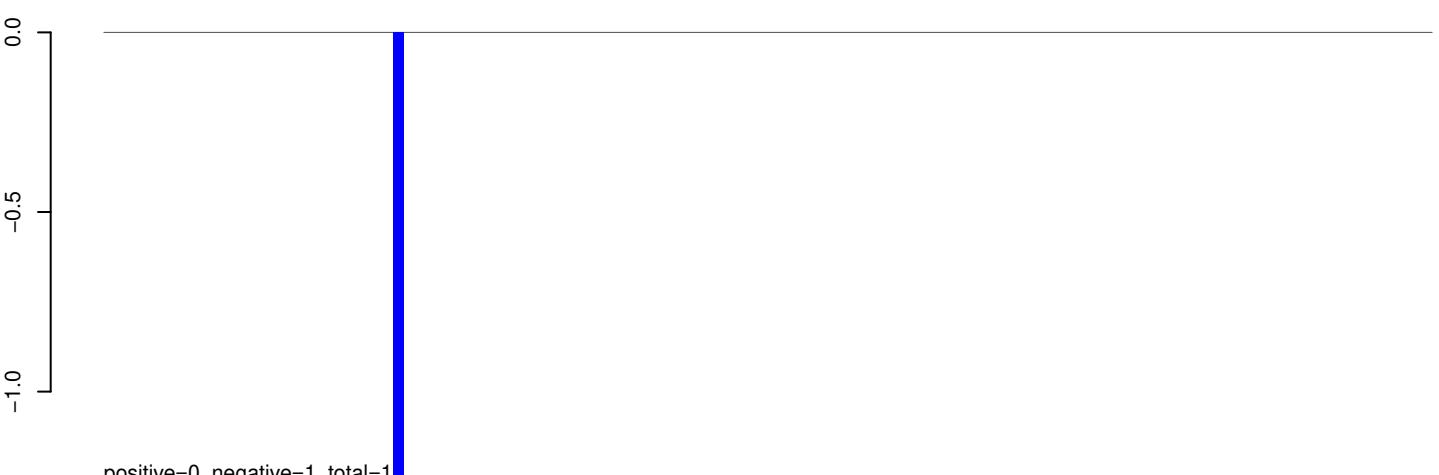


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



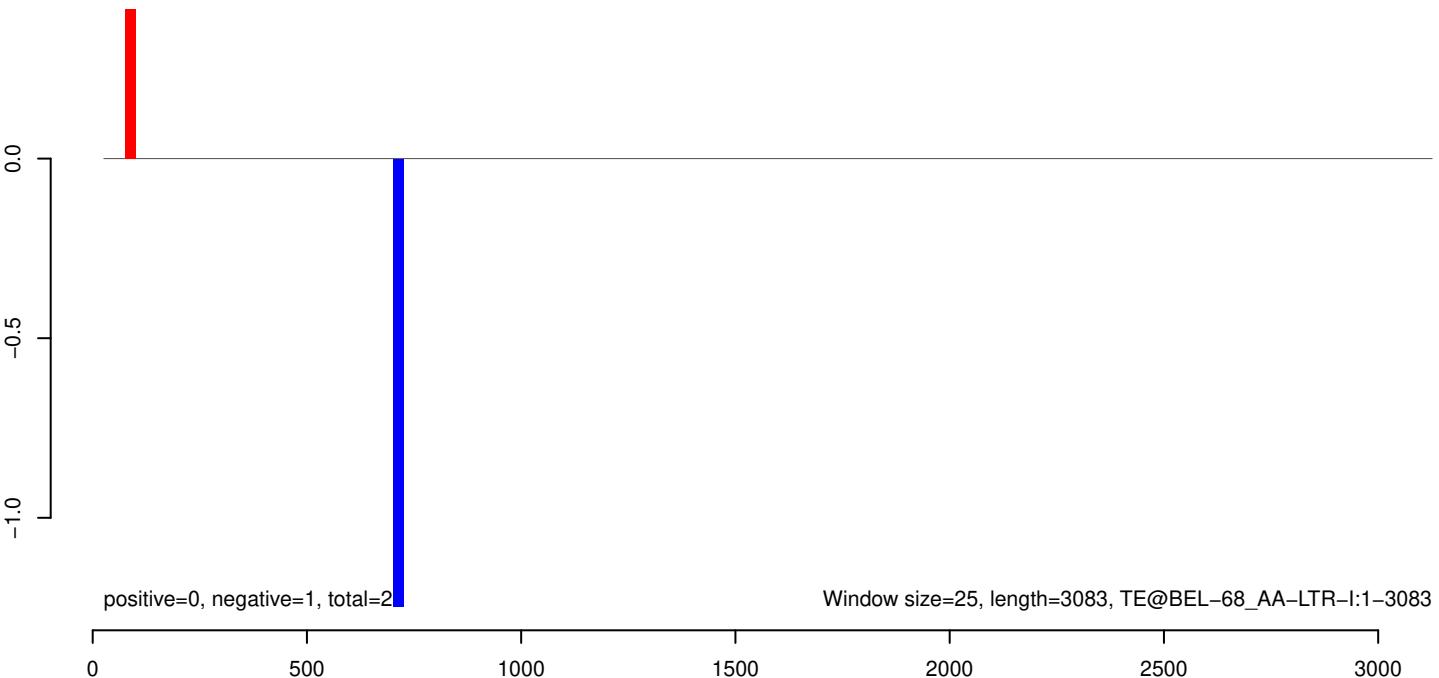
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=0, negative=1, total=1

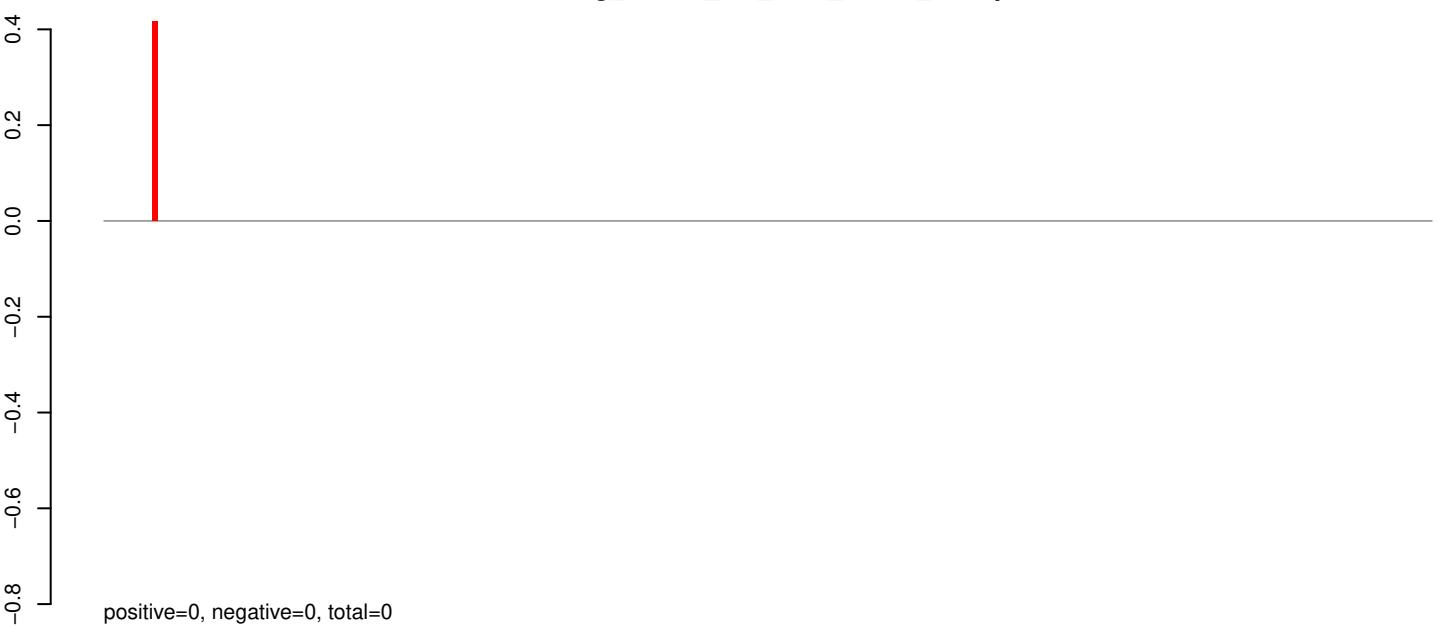
**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=0, negative=1, total=2

Window size=25, length=3083, TE@BEL-68\_AA-LTR-I:1-3083

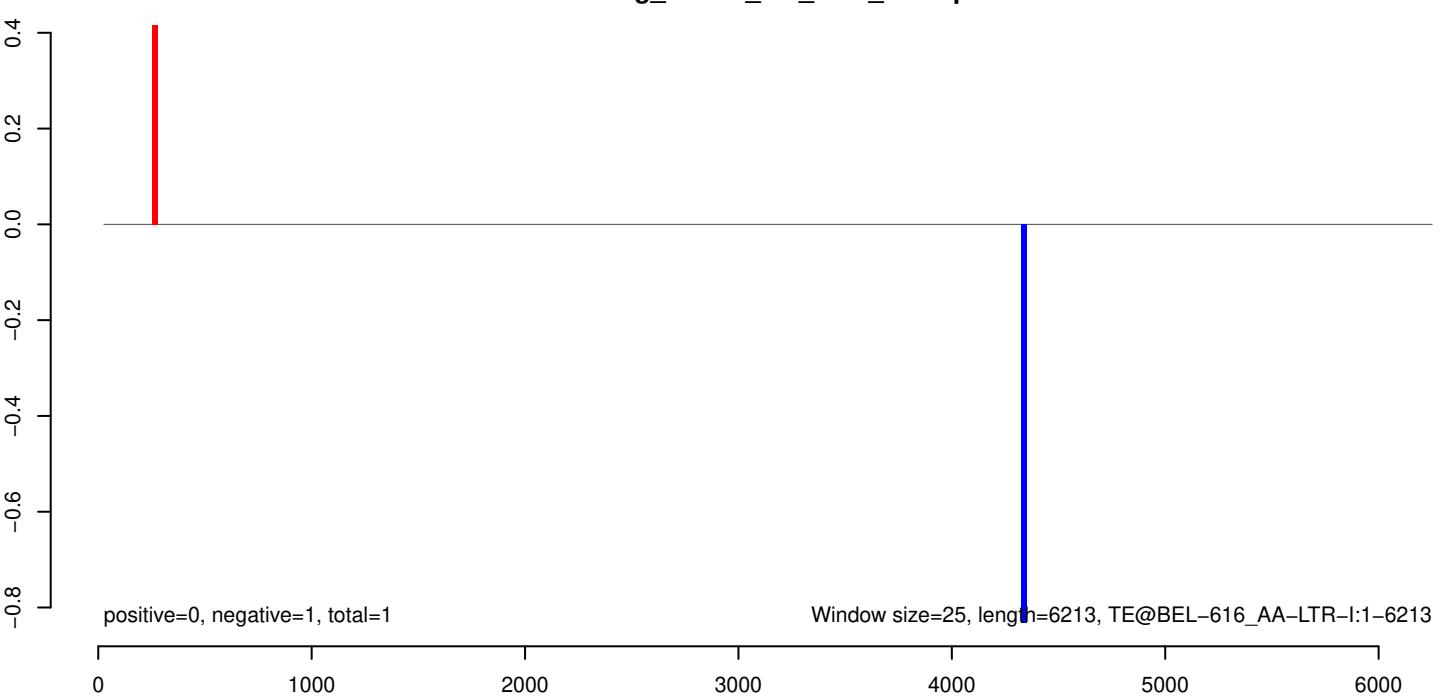
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

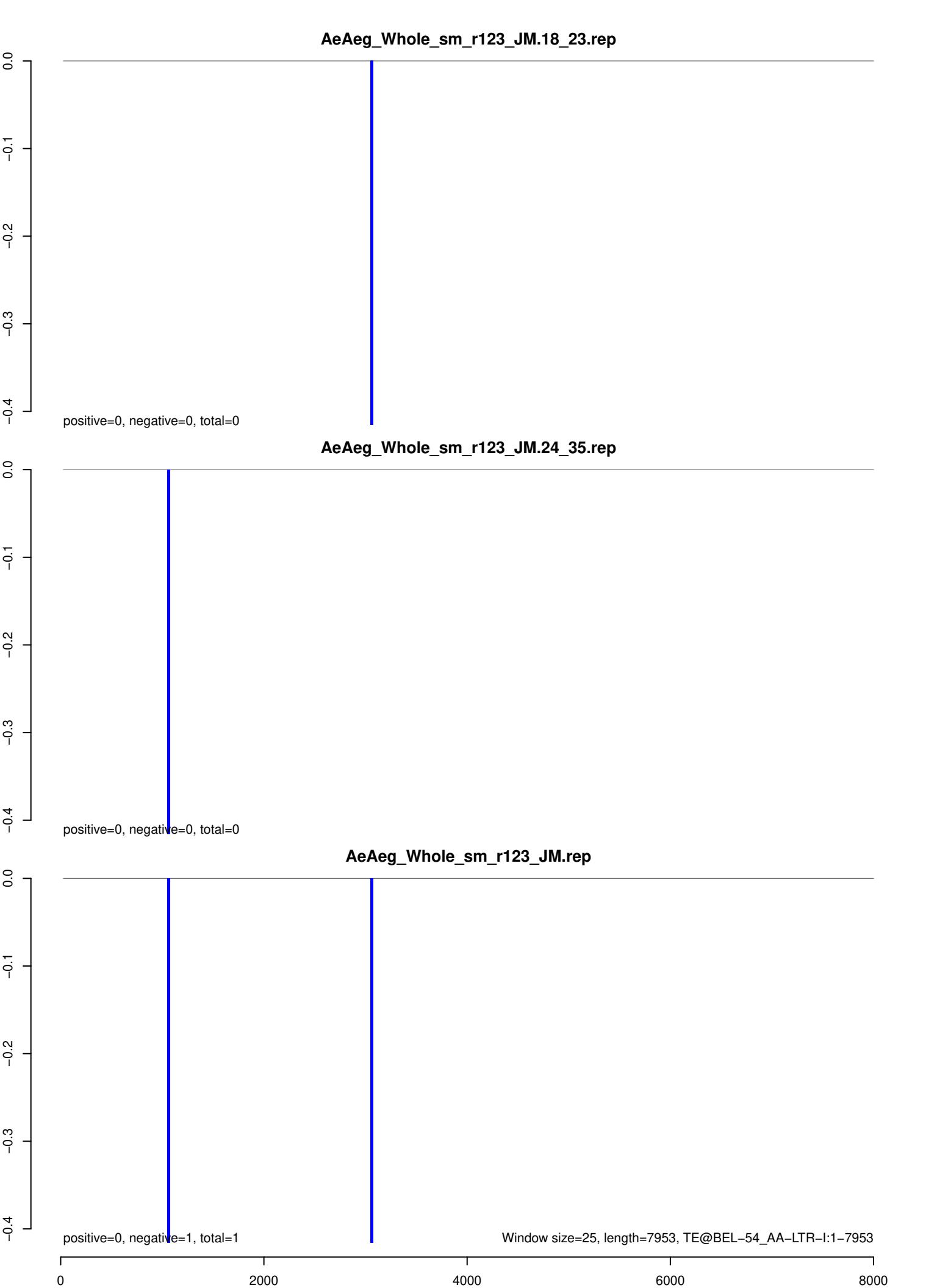
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

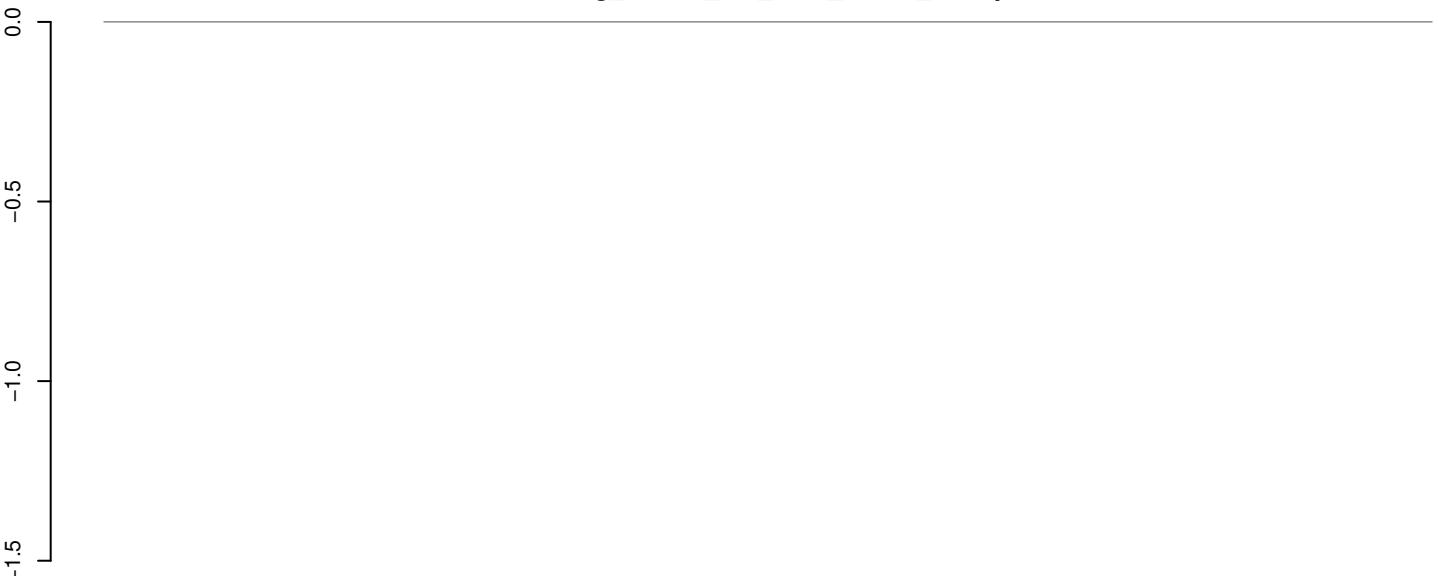
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

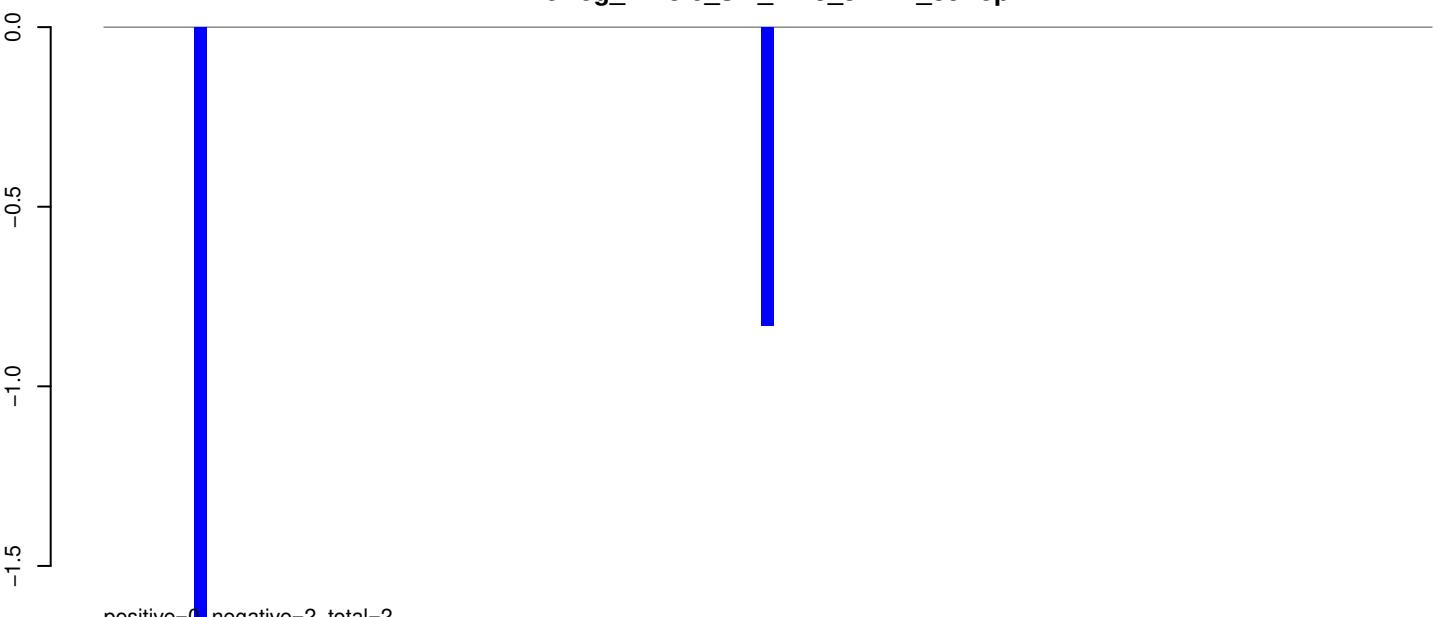
Window size=25, length=7953, TE@BEL-54\_AA-LTR-I:1-7953



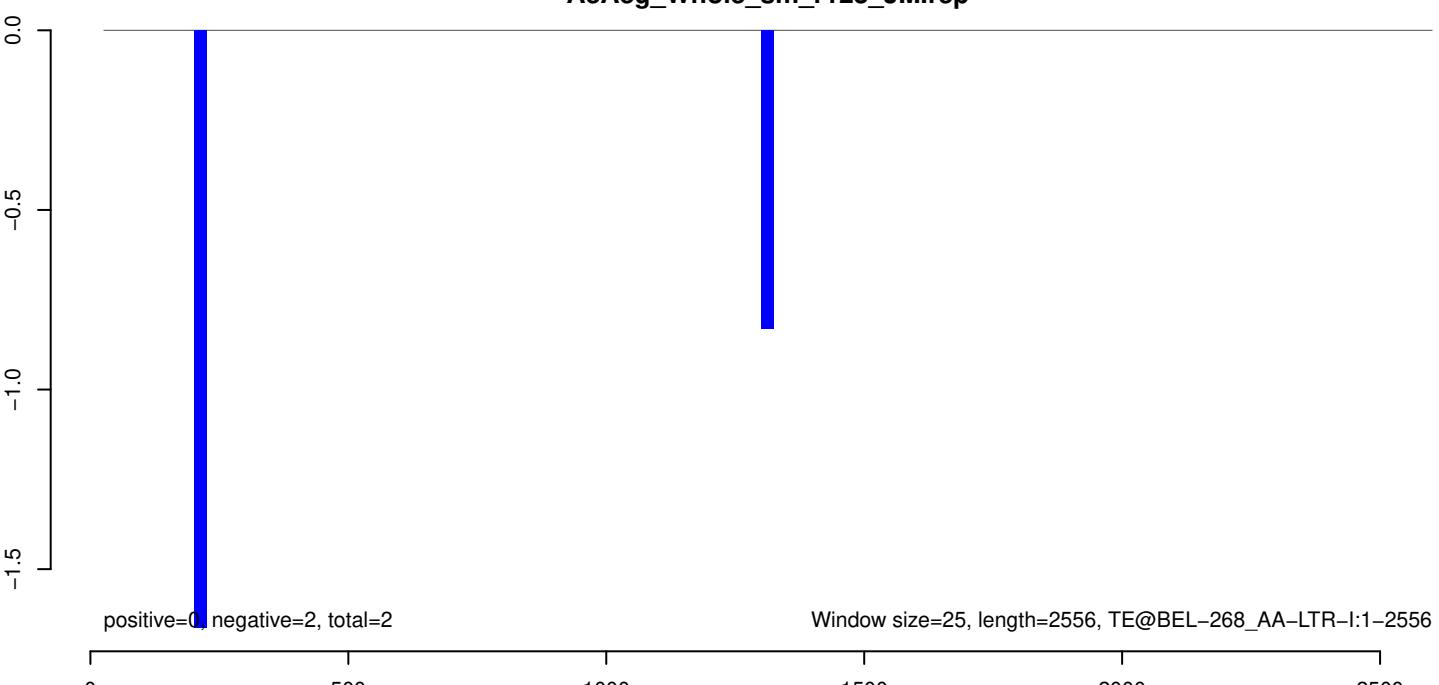
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

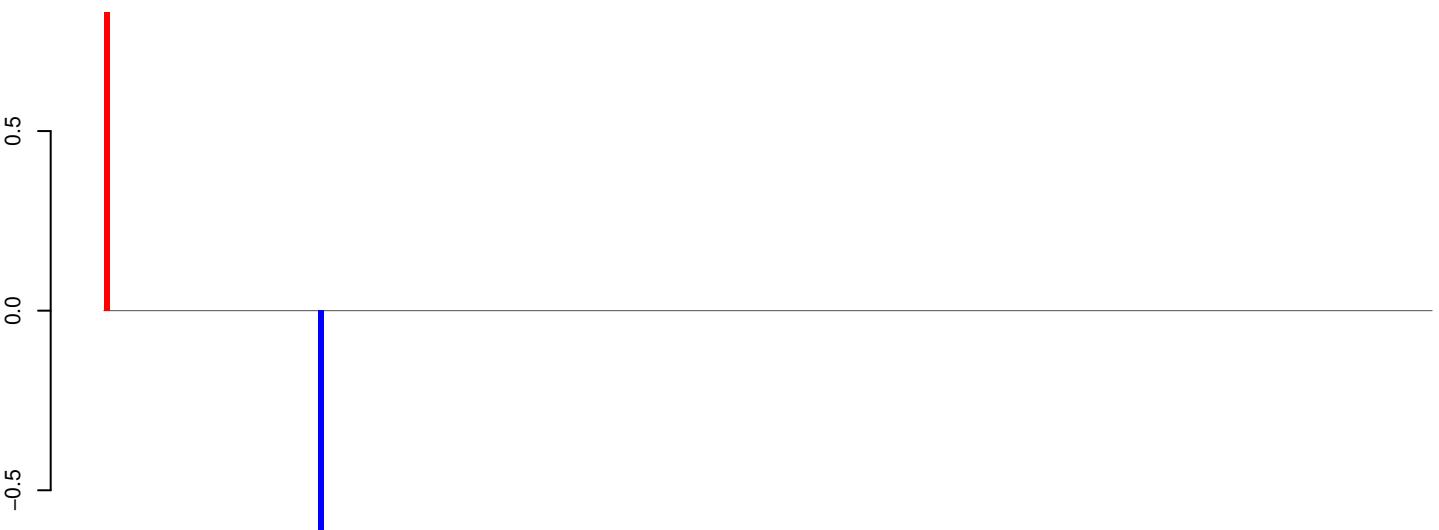


**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



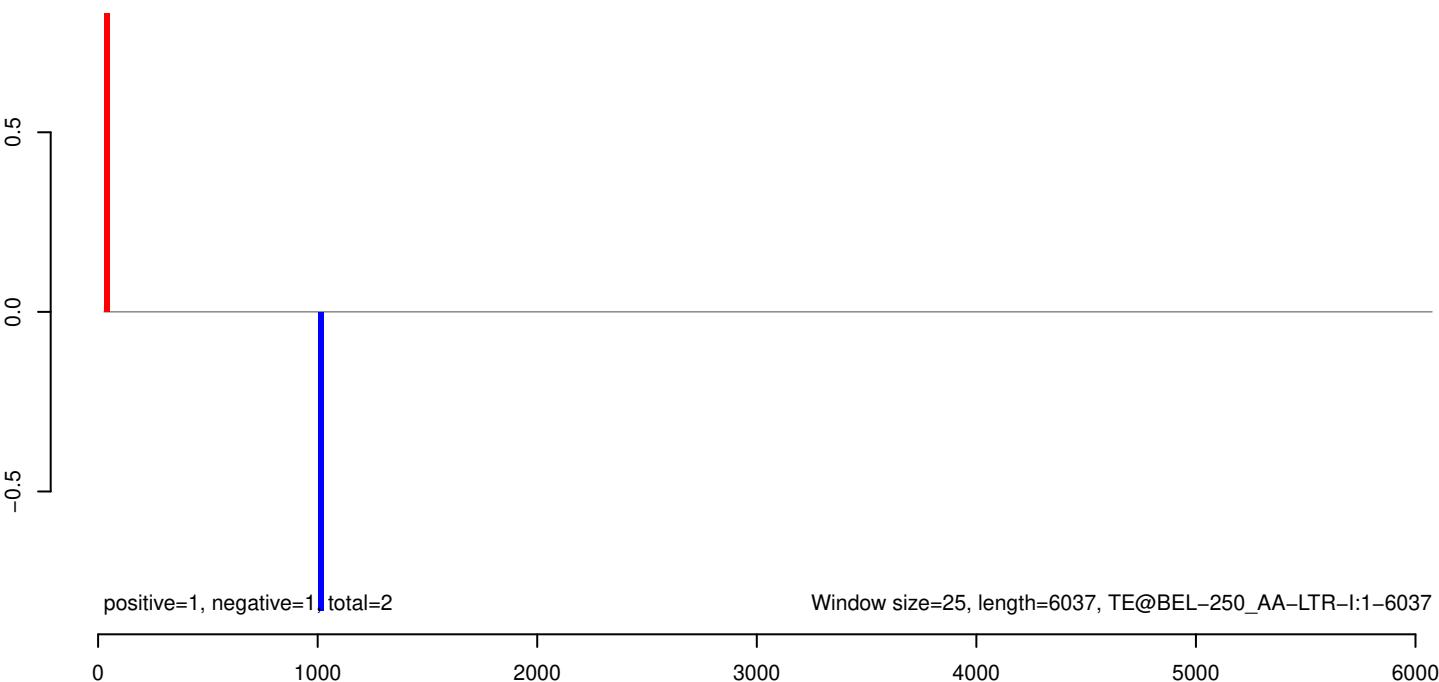
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=1, total=2

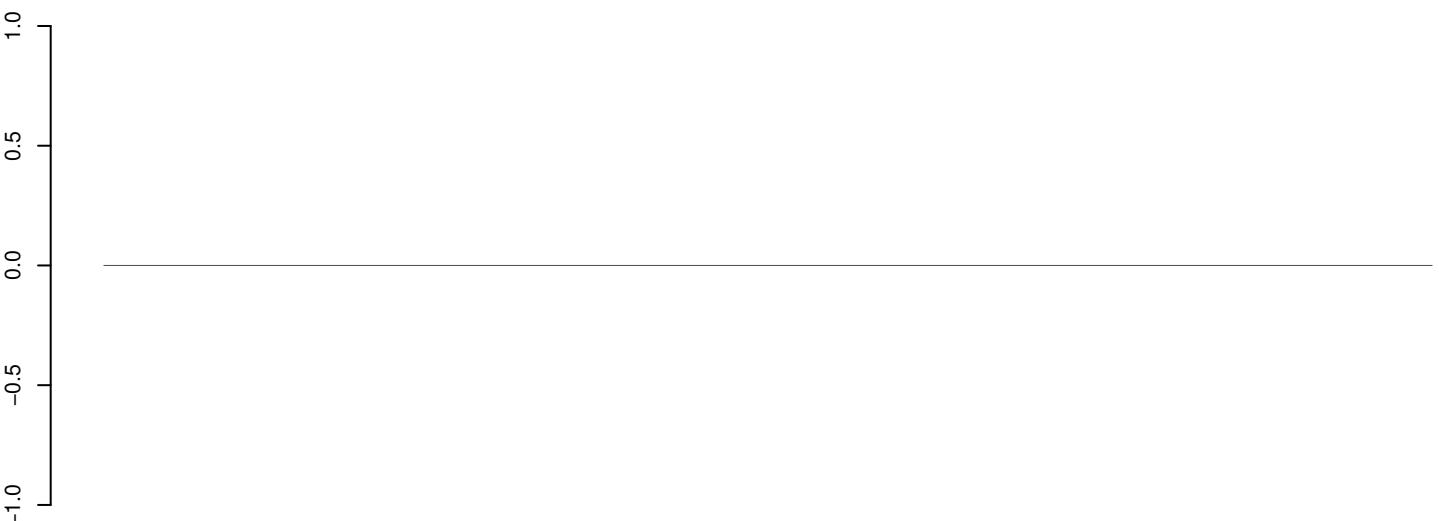
**AeAeg\_Whole\_sm\_r123\_JM.rep**



positive=1, negative=1, total=2

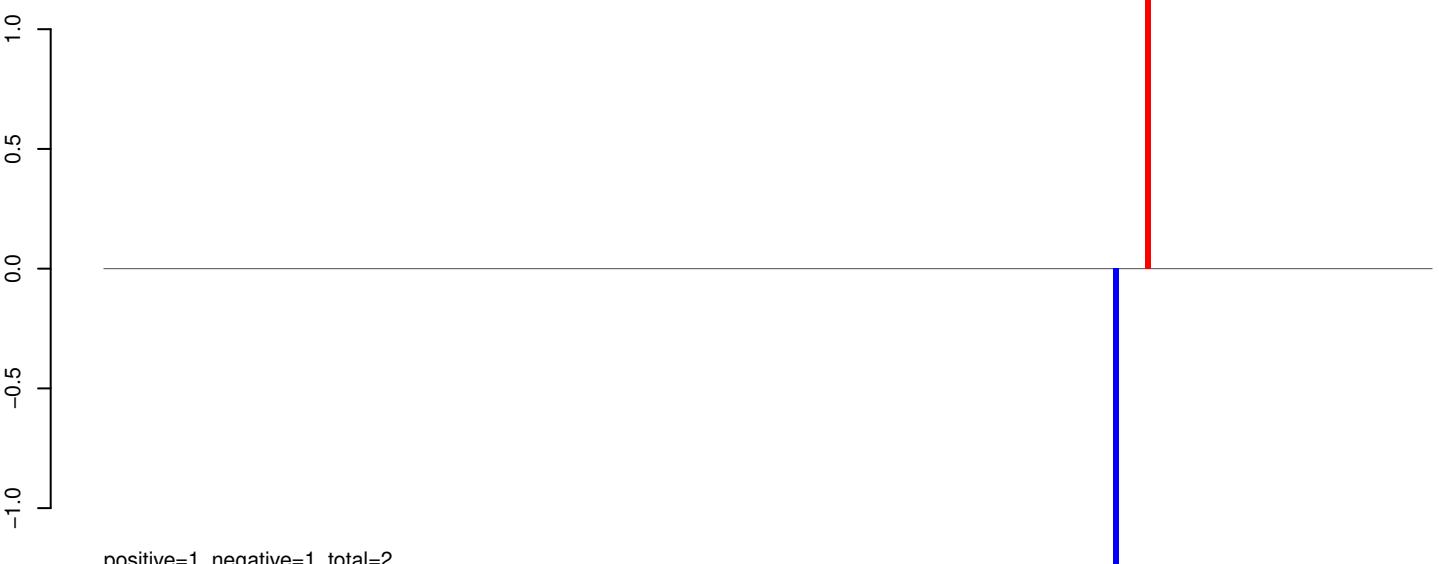
Window size=25, length=6037, TE@BEL-250\_AA-LTR-I:1-6037

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



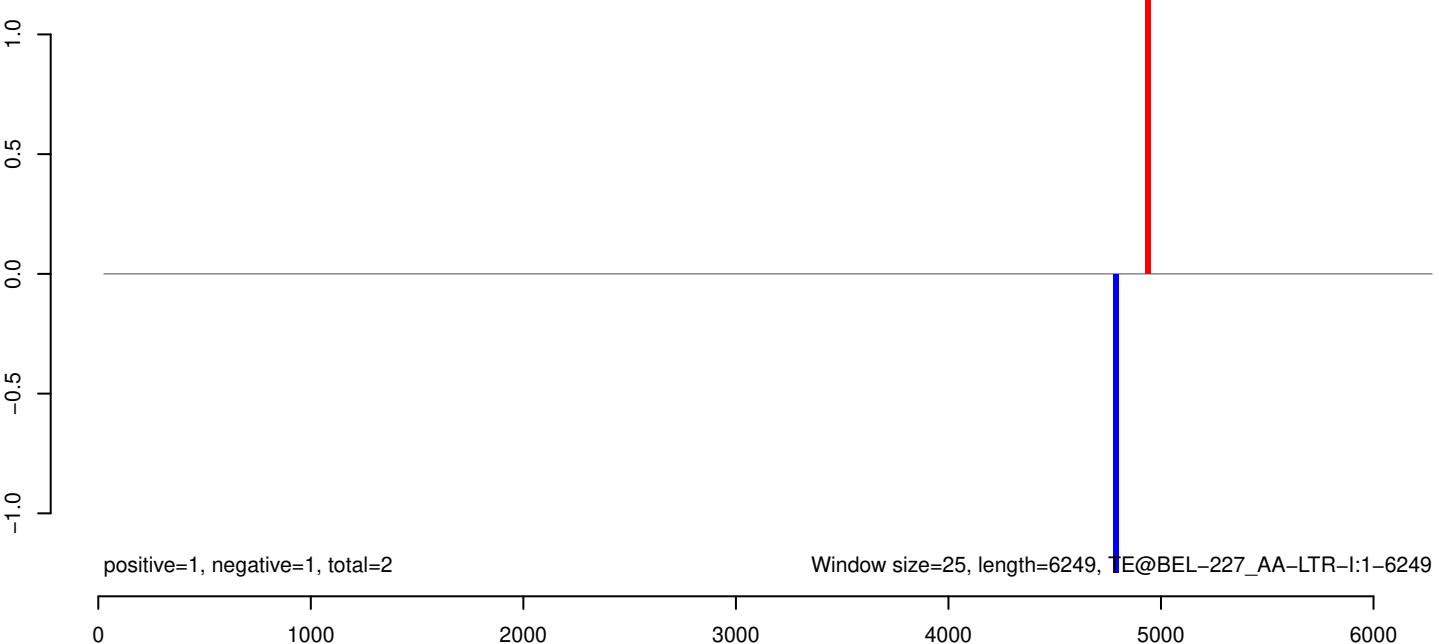
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



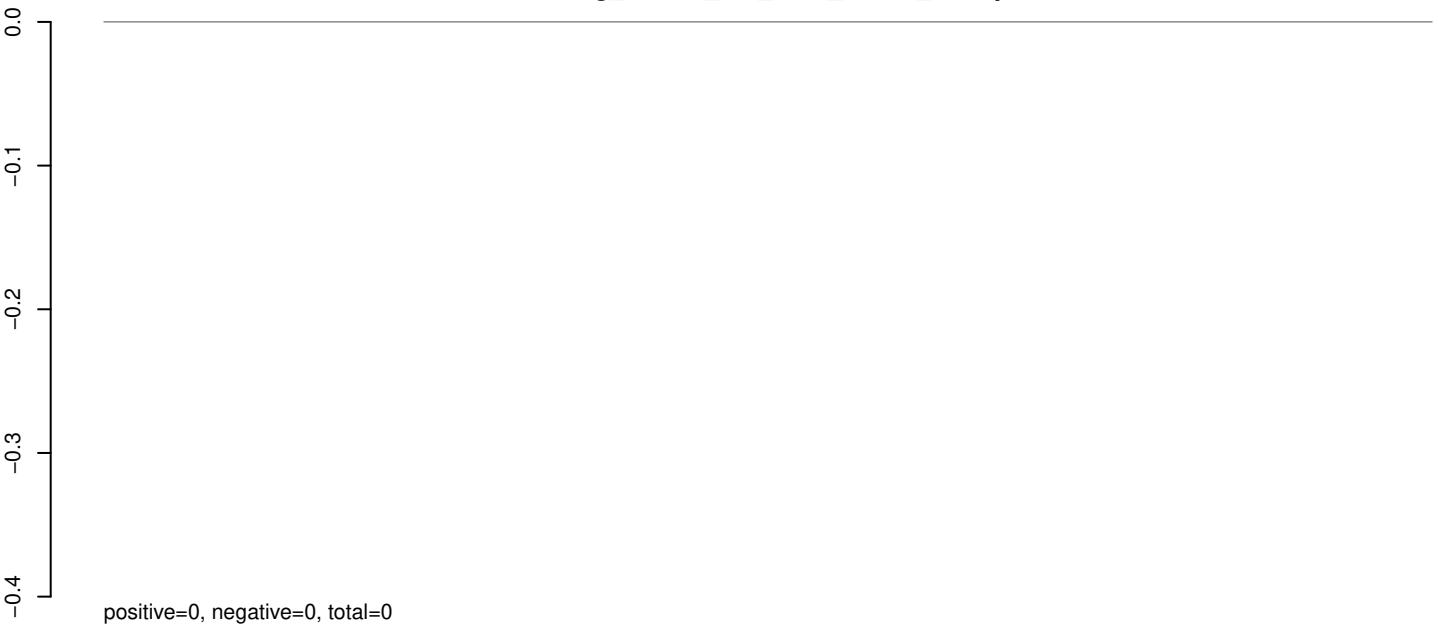
positive=1, negative=1, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

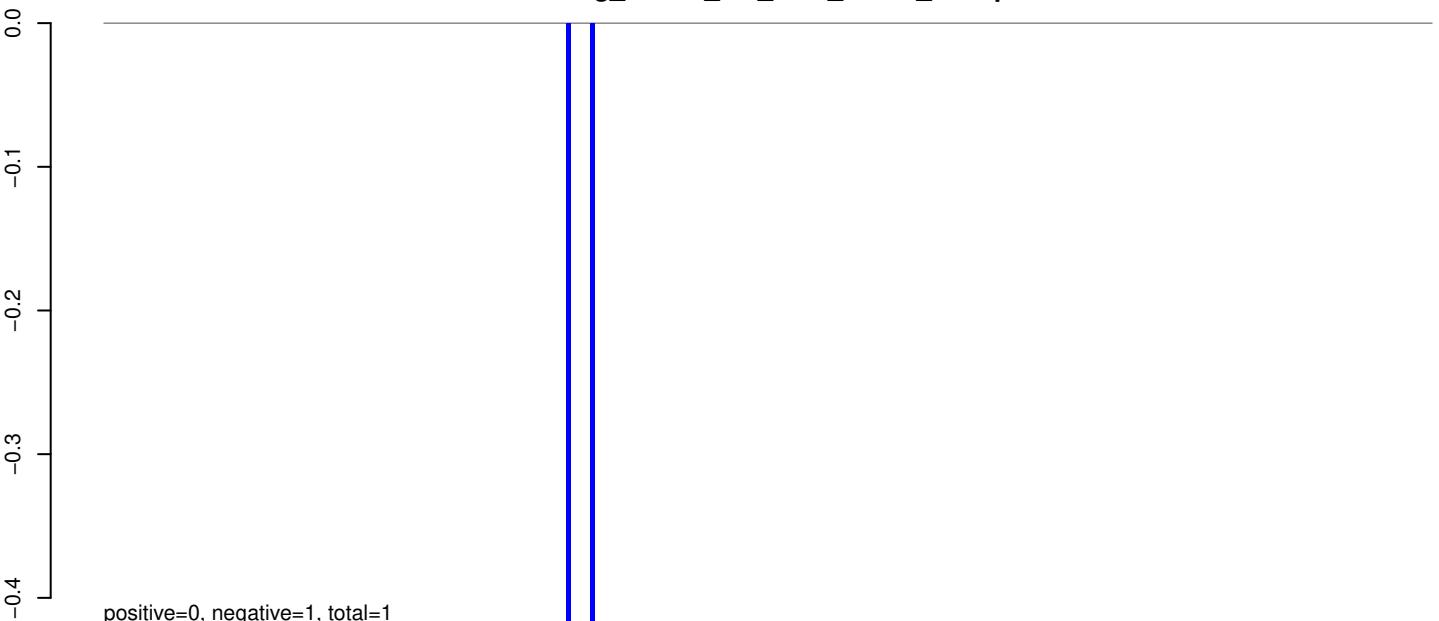


0 1000 2000 3000 4000 5000 6000

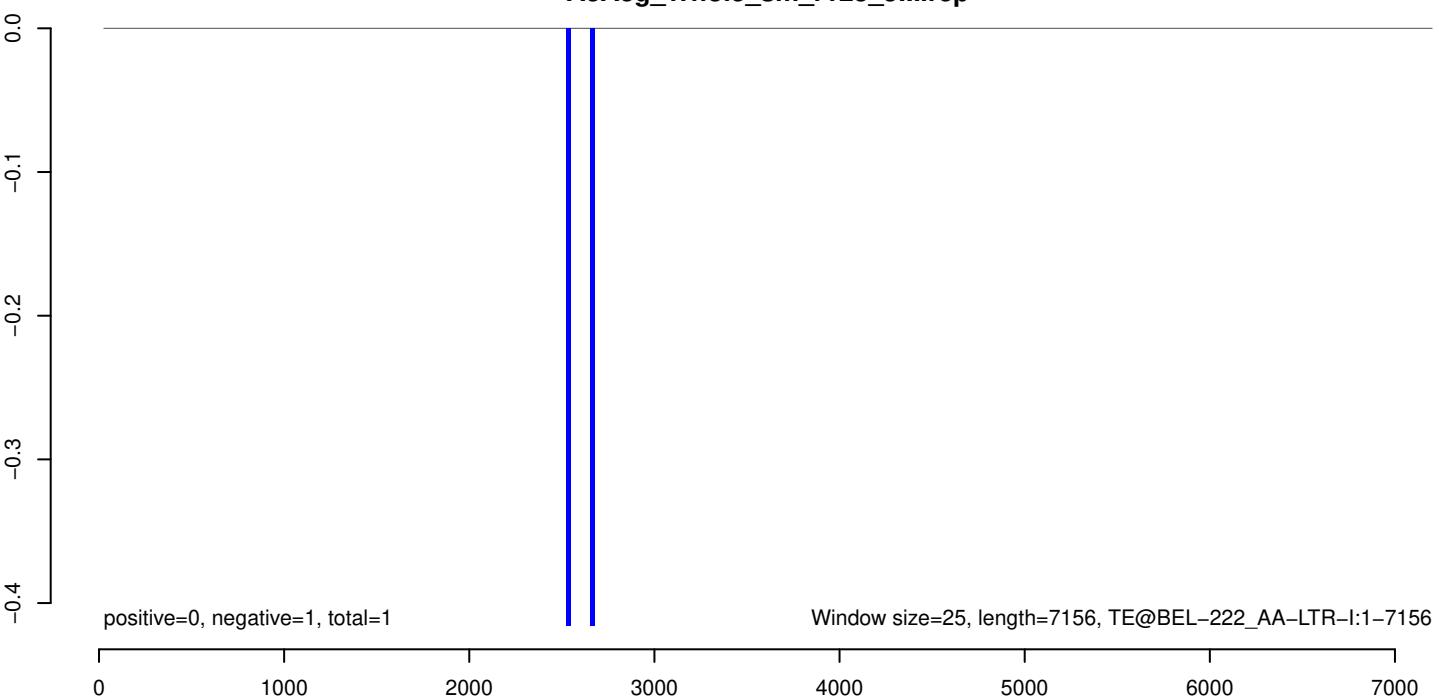
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



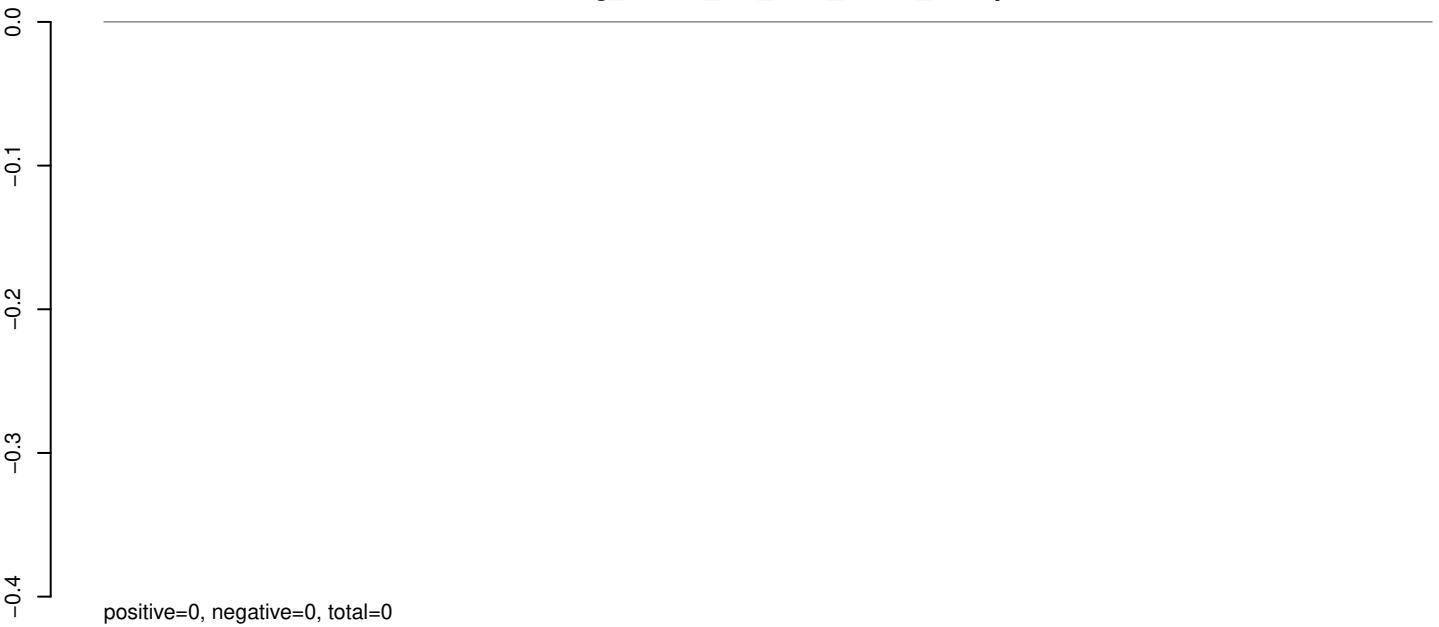
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



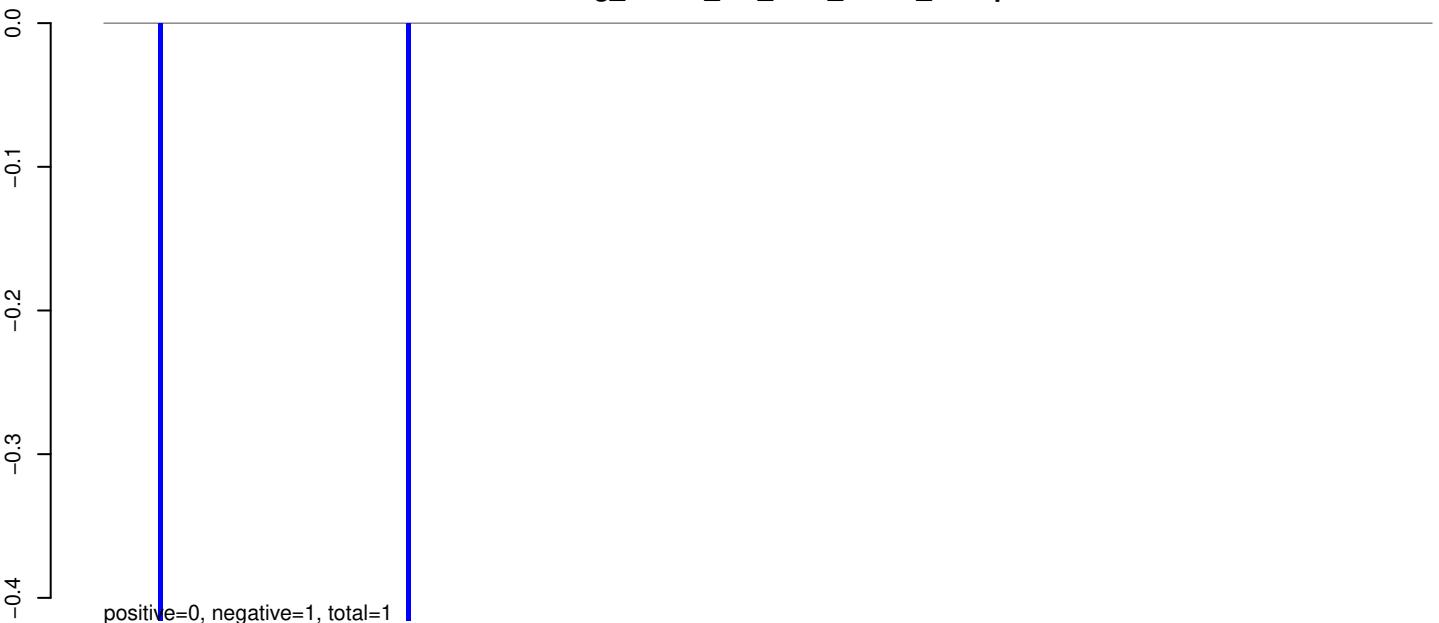
AeAeg\_Whole\_sm\_r123\_JM.rep



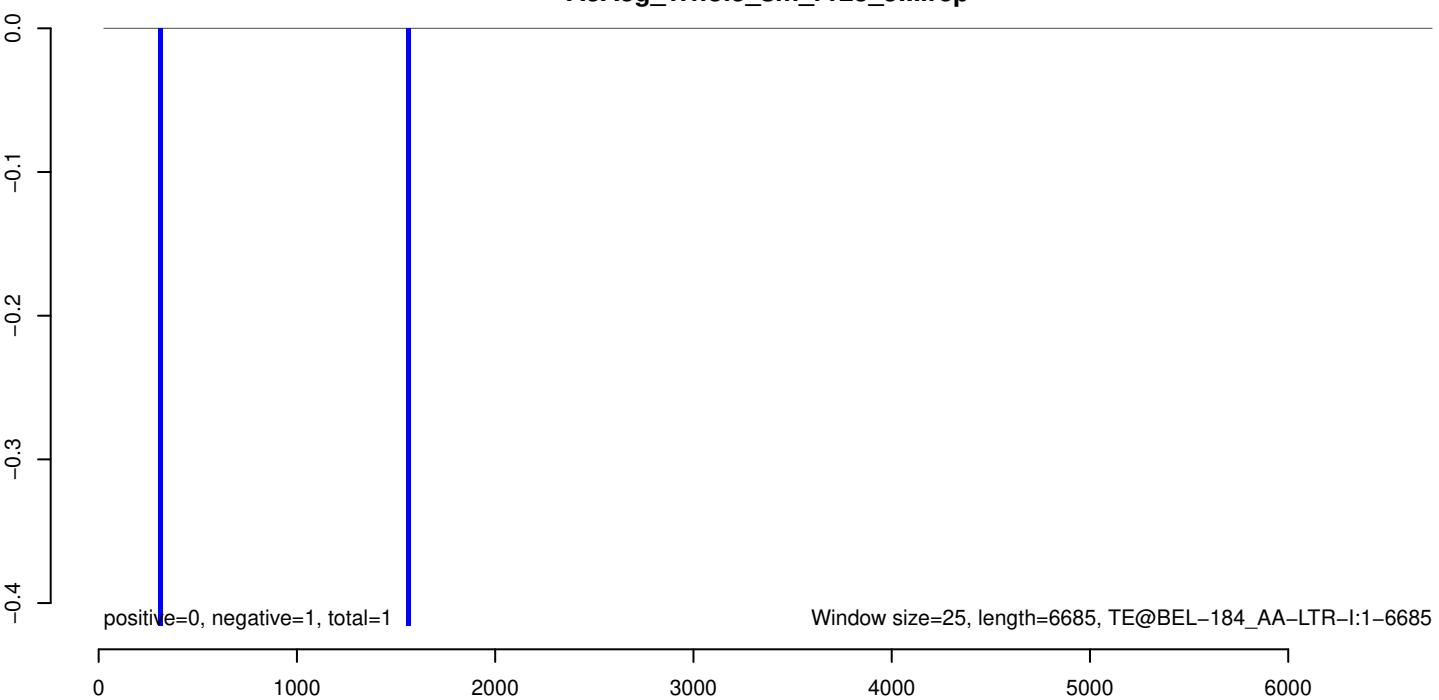
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



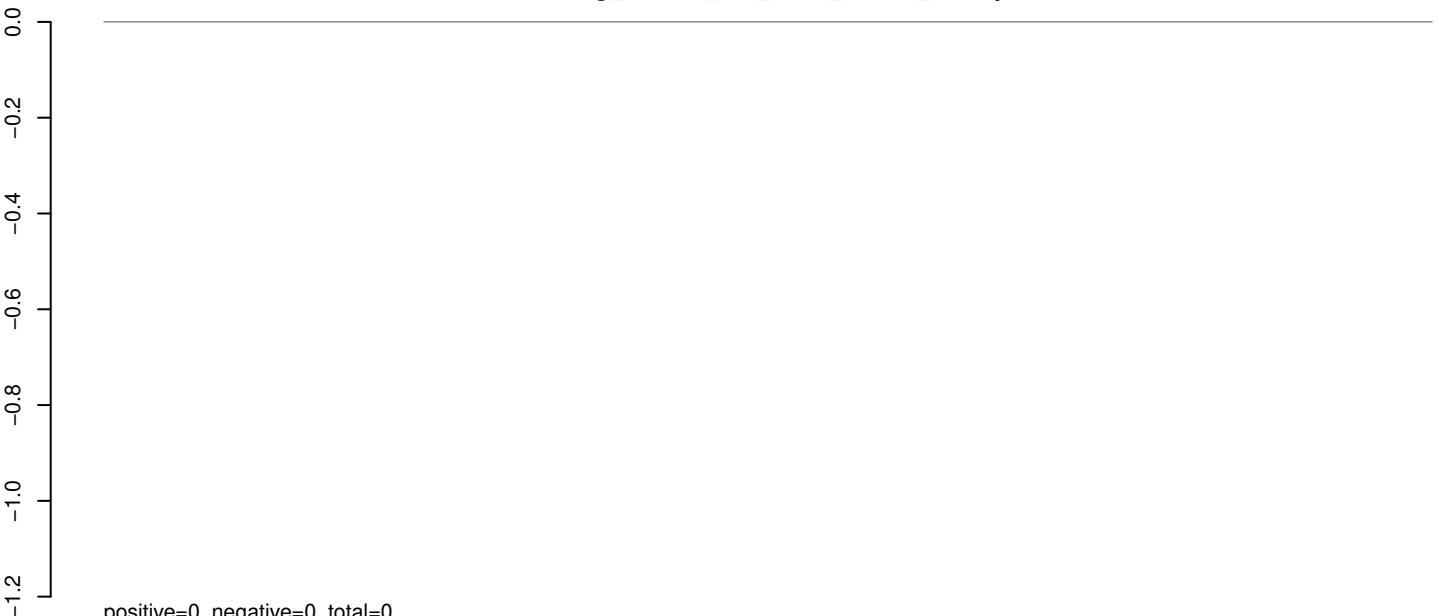
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



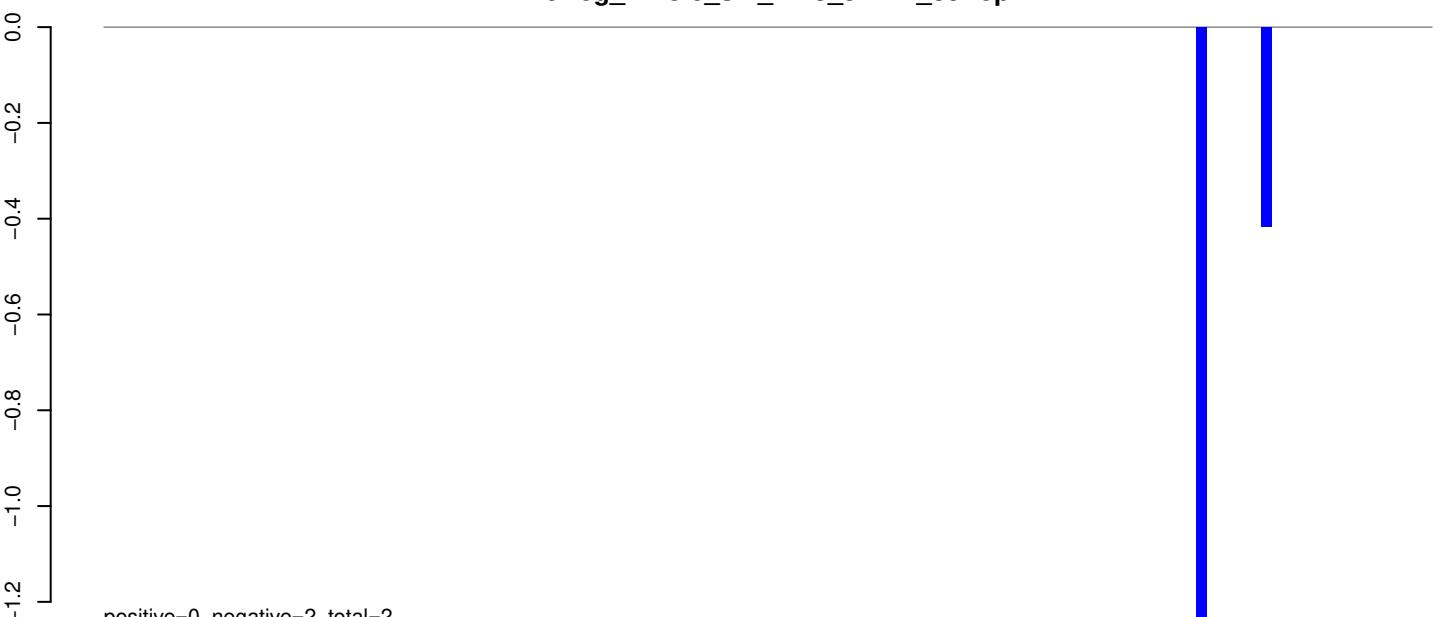
### AeAeg\_Whole\_sm\_r123\_JM.rep



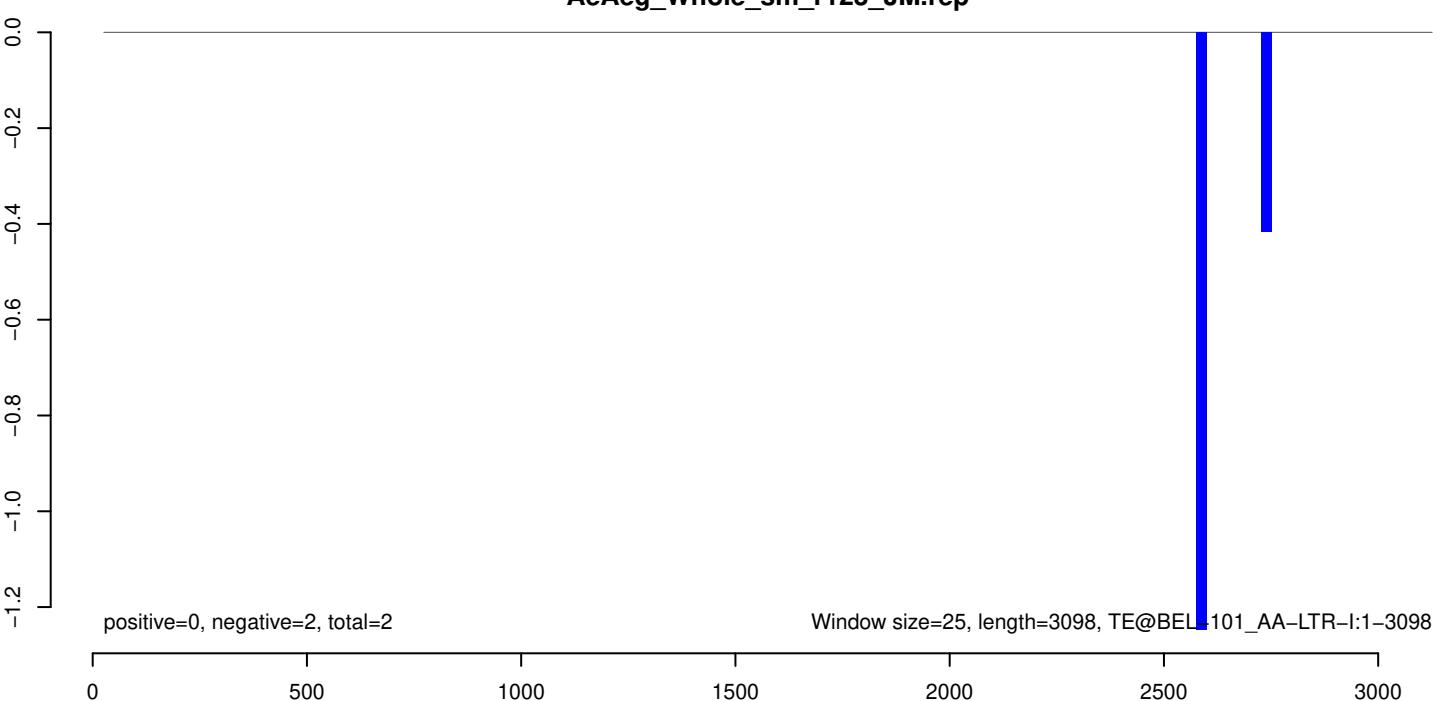
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



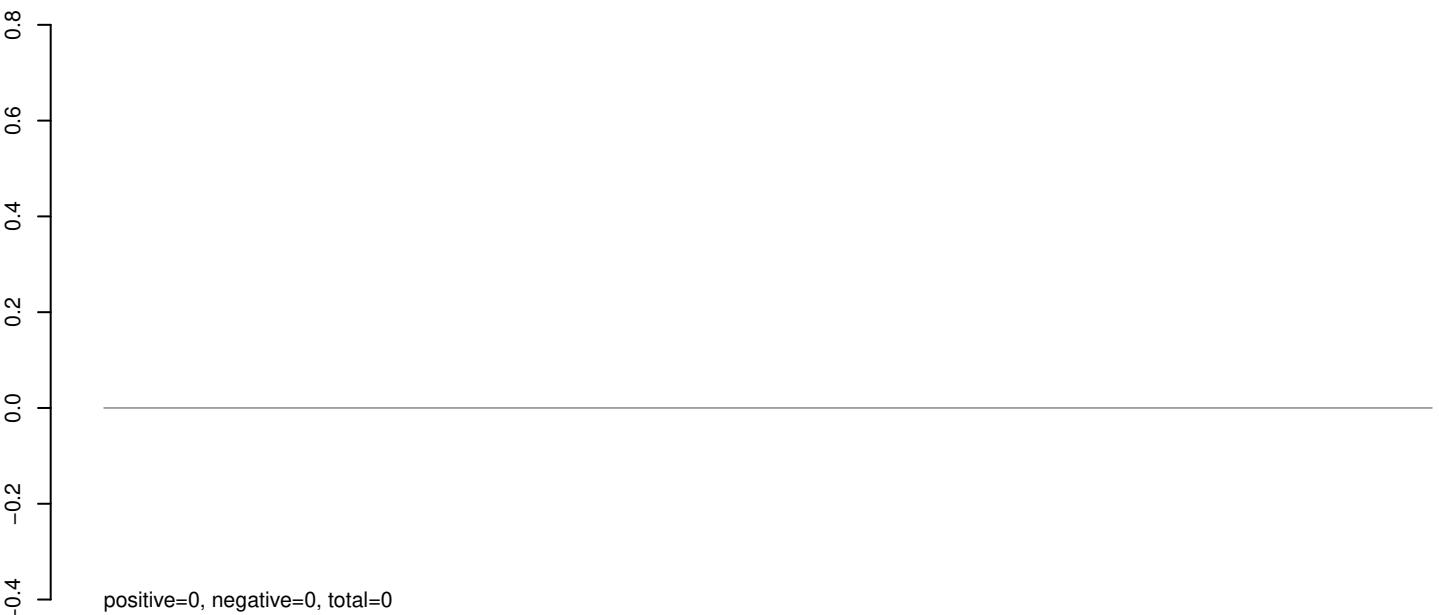
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



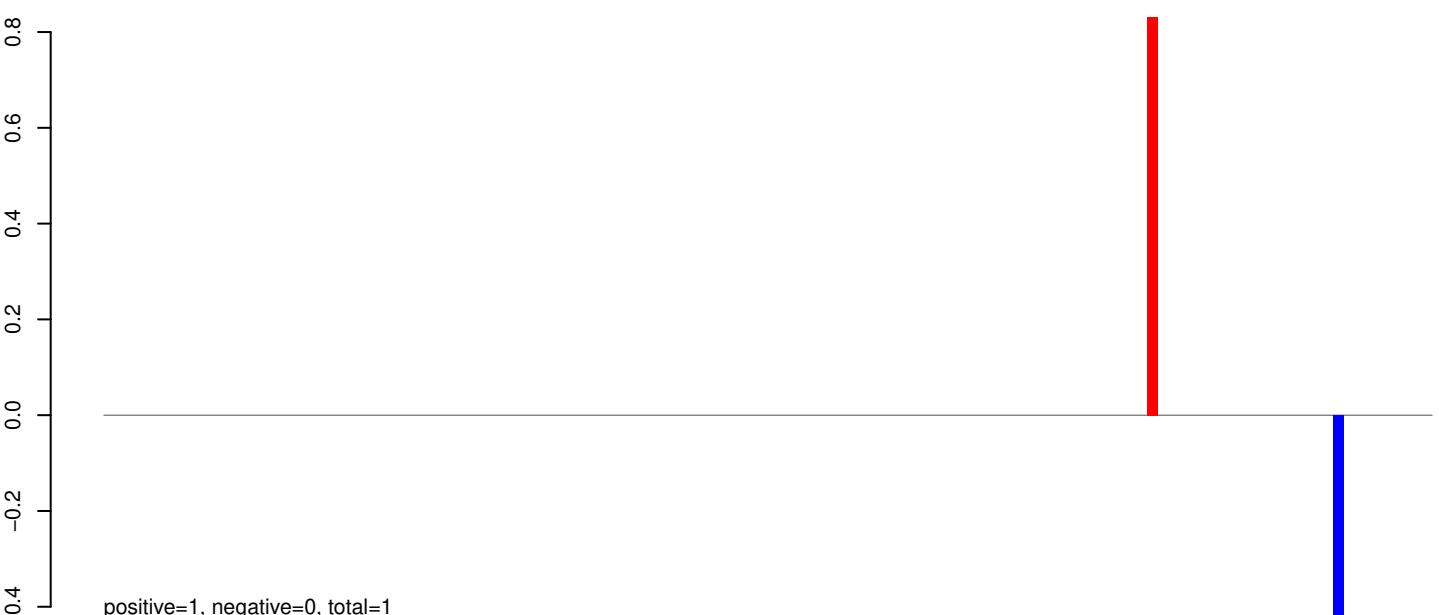
### AeAeg\_Whole\_sm\_r123\_JM.rep



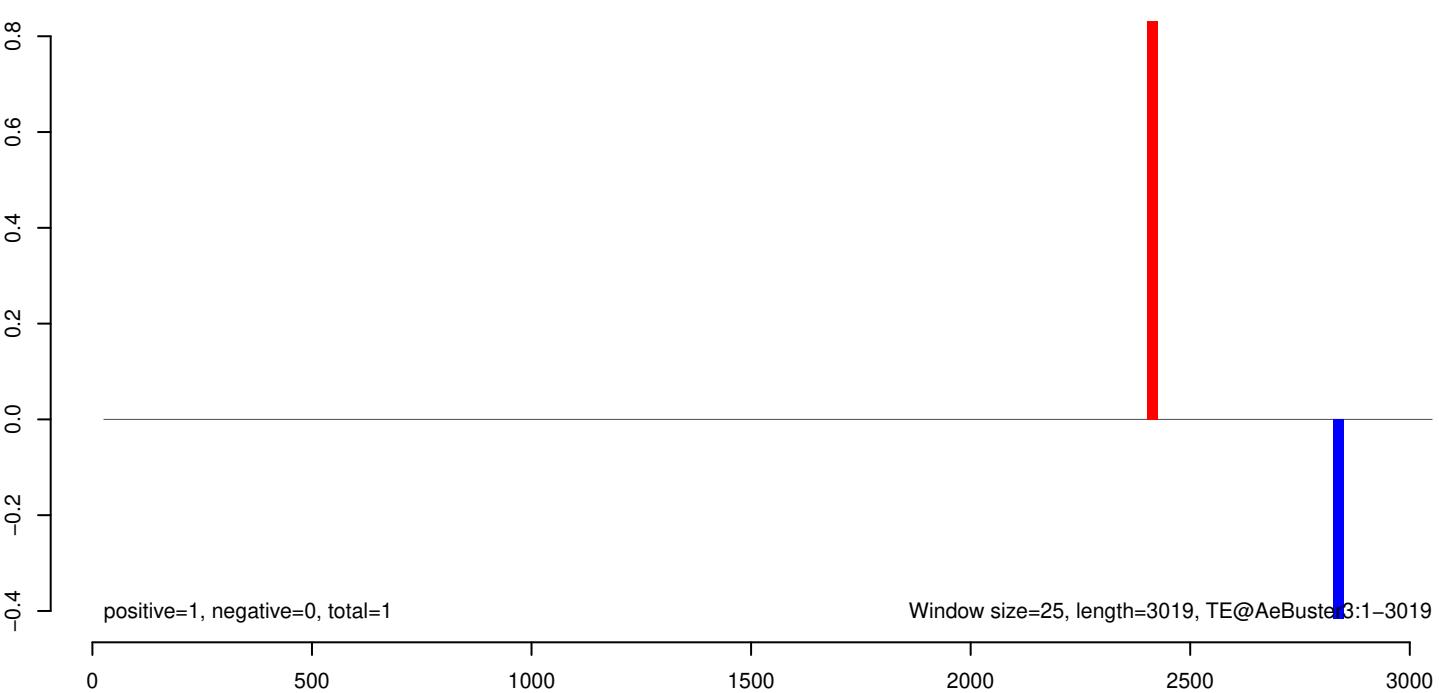
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



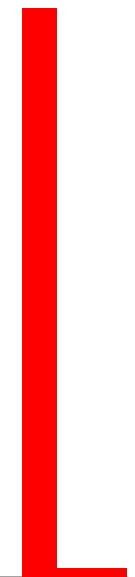
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=1, negative=6, total=7



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

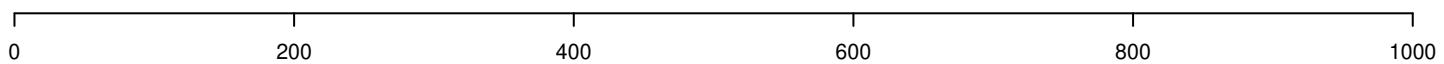
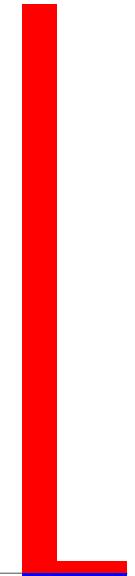
positive=60, negative=1, total=61



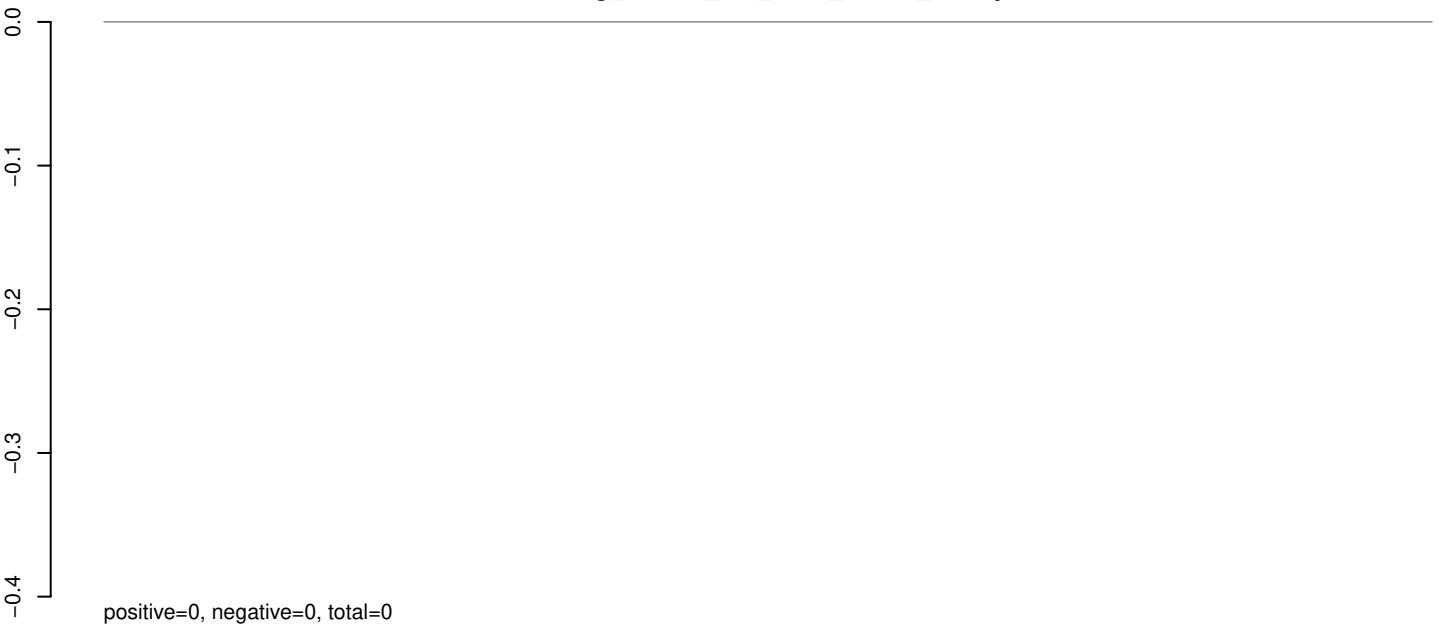
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=61, negative=7, total=68

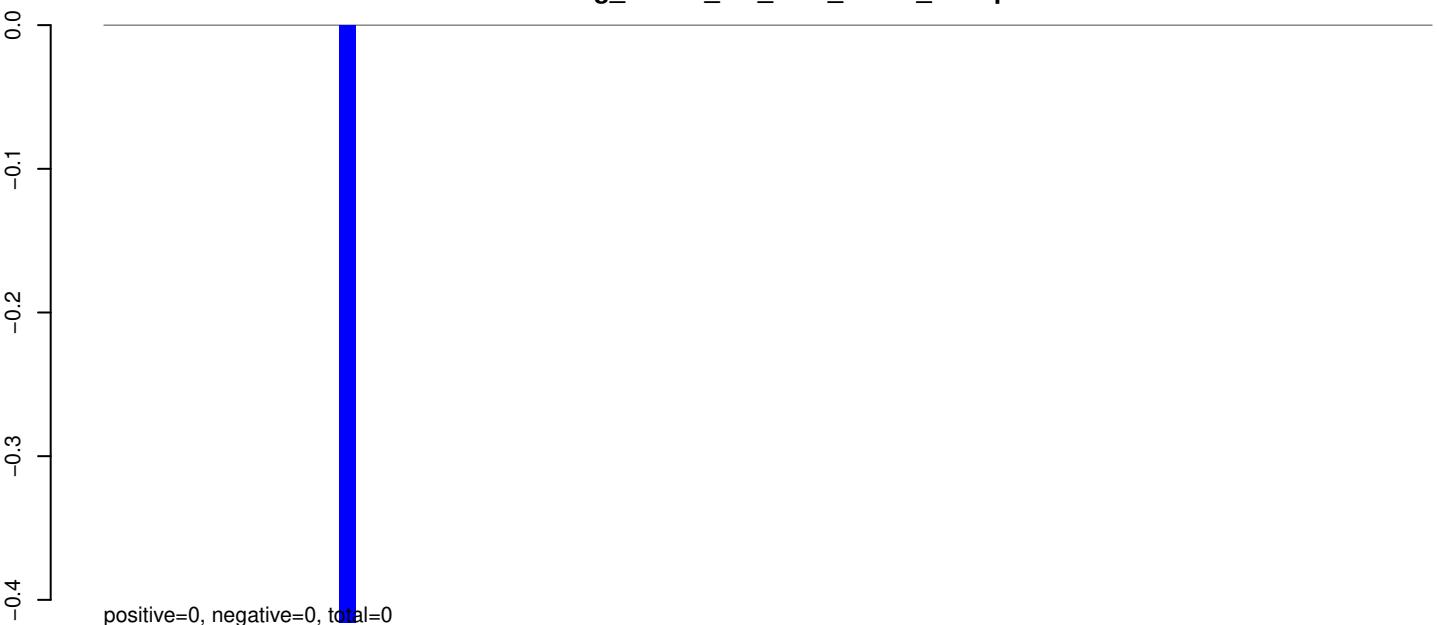
Window size=25, length=939, TE@AY356401.1-939



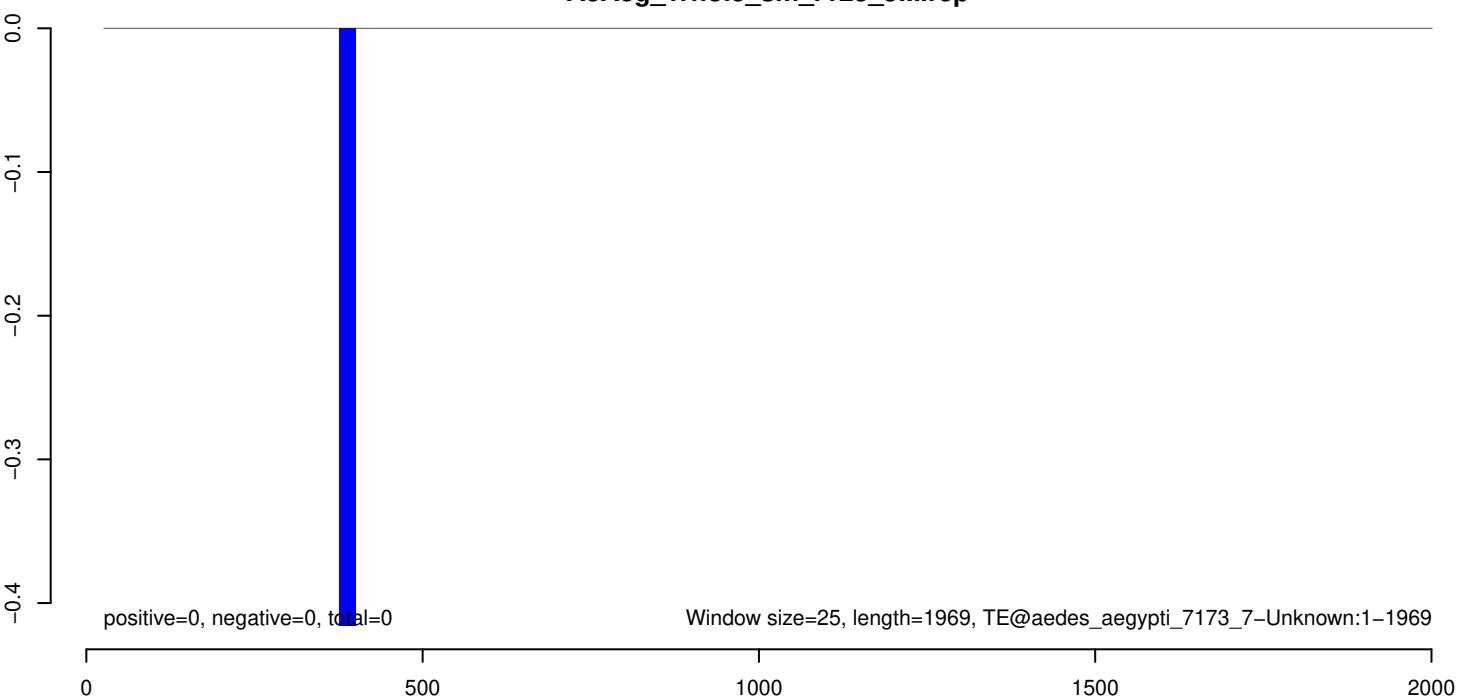
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



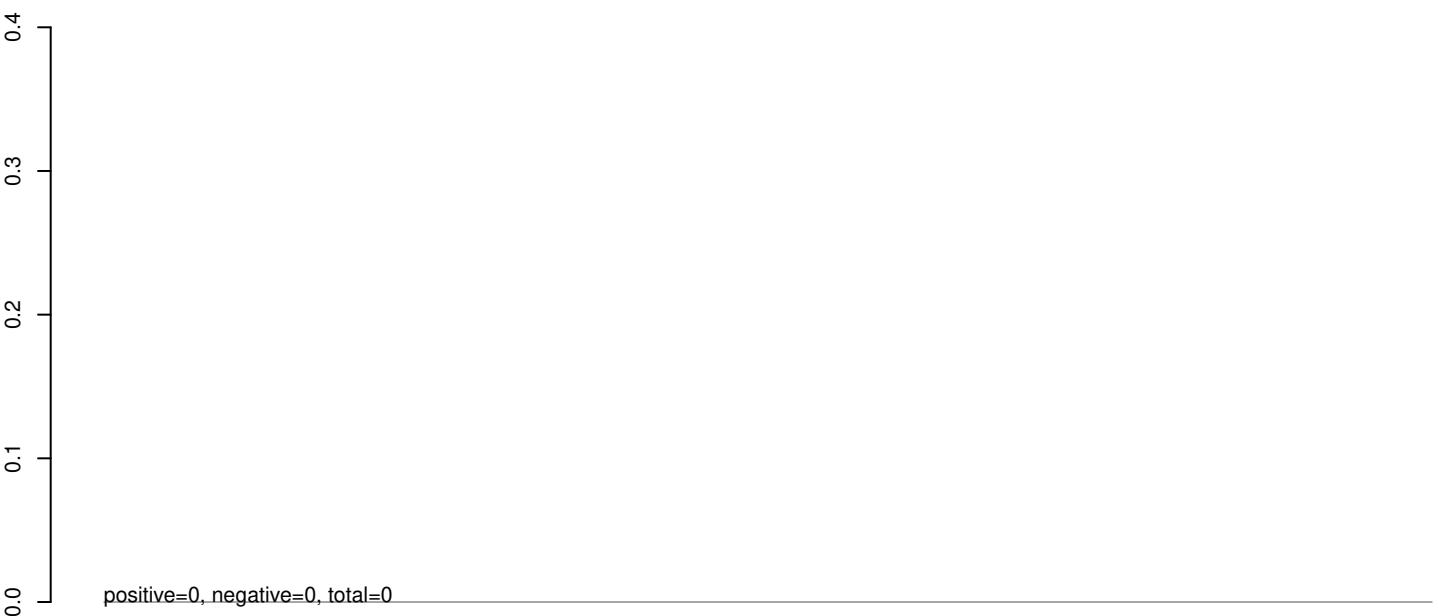
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



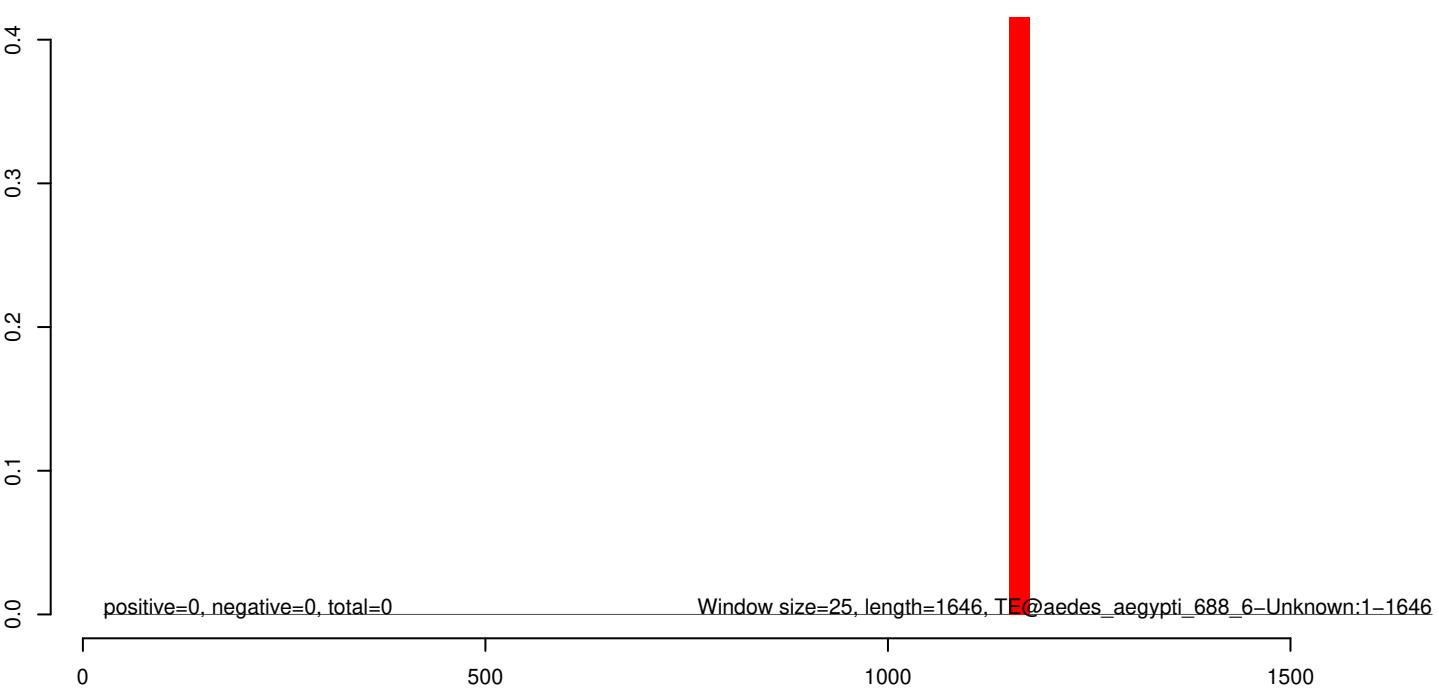
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

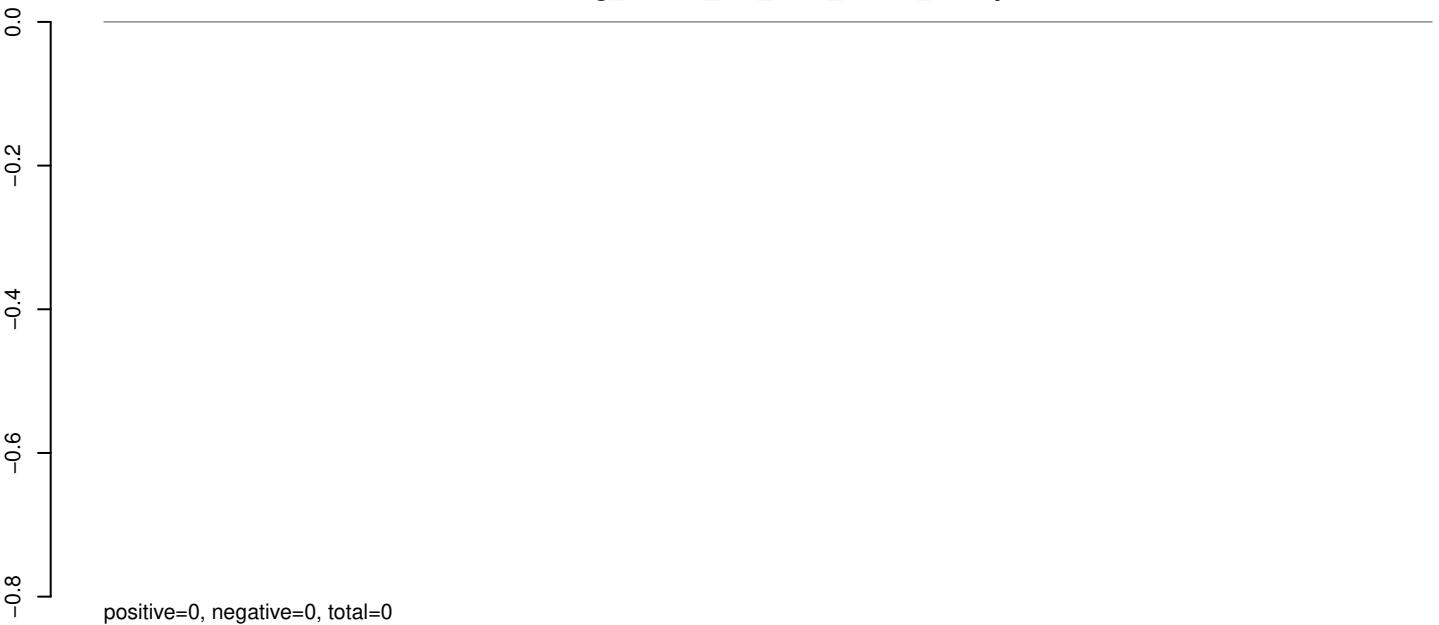


**AeAeg\_Whole\_sm\_r123\_JM.rep**

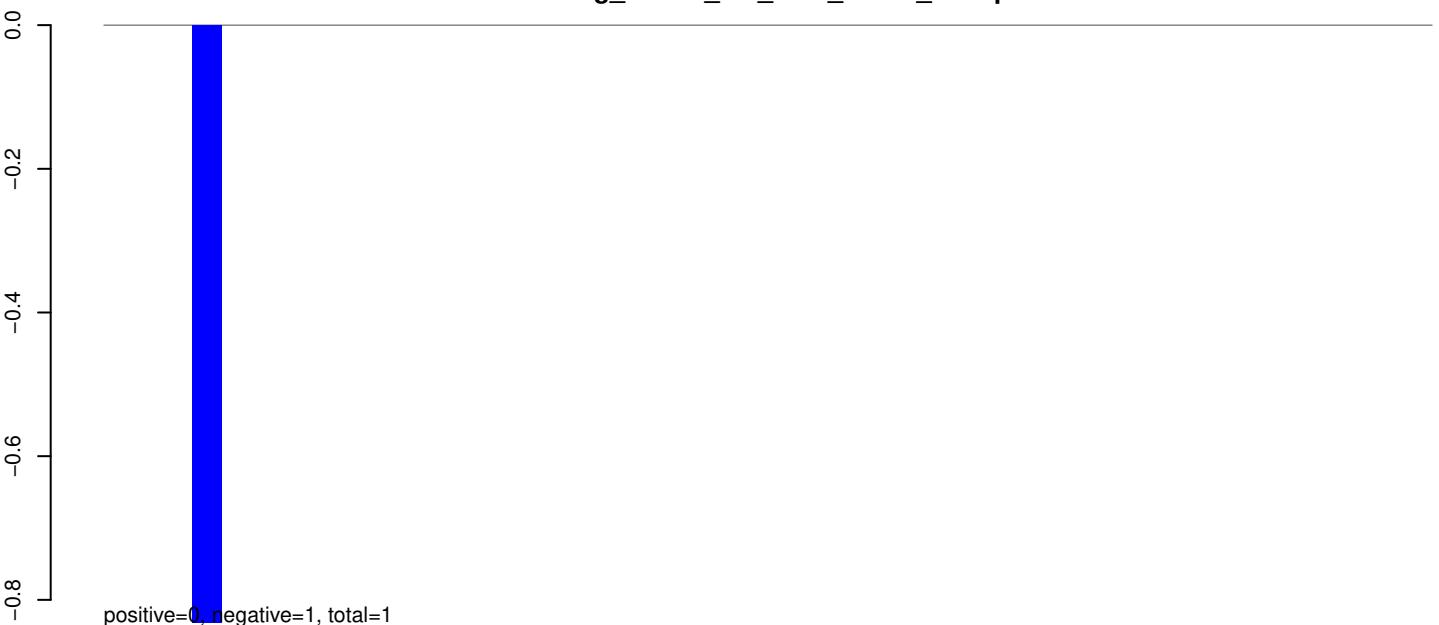


0 500 1000 1500

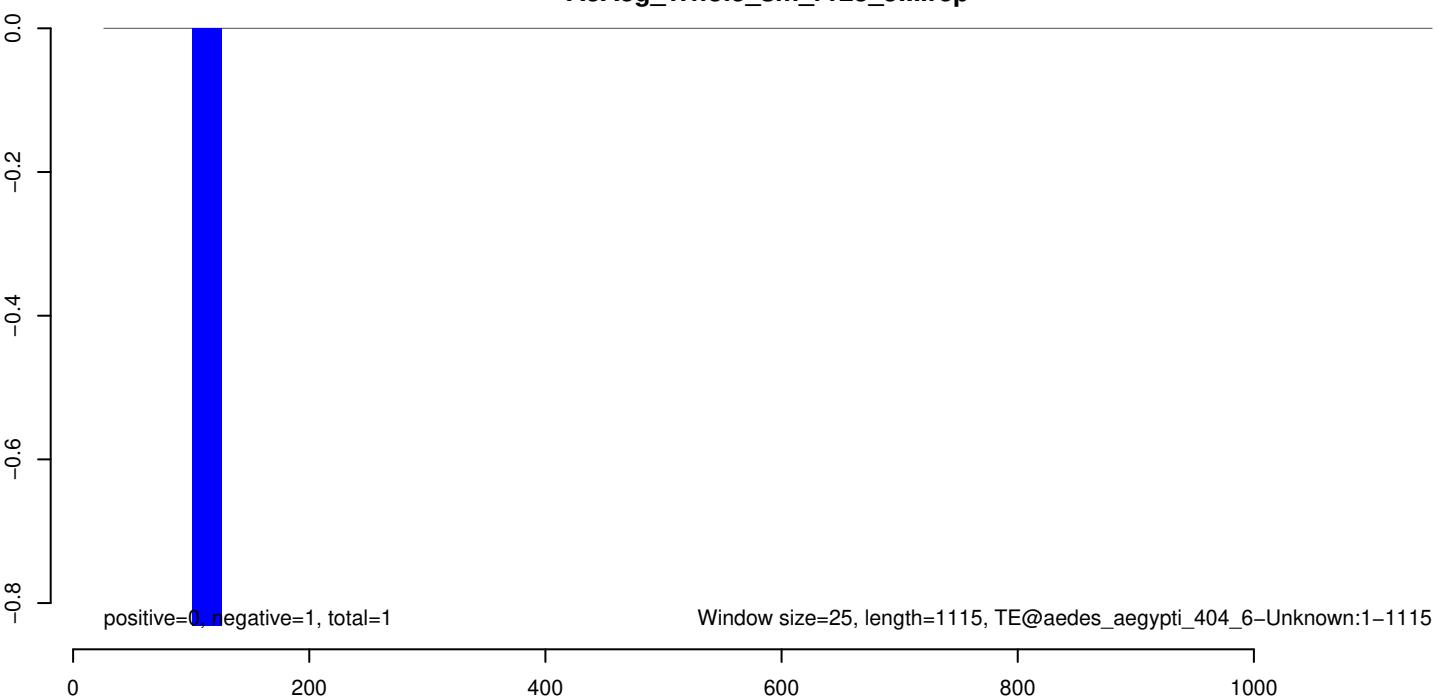
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

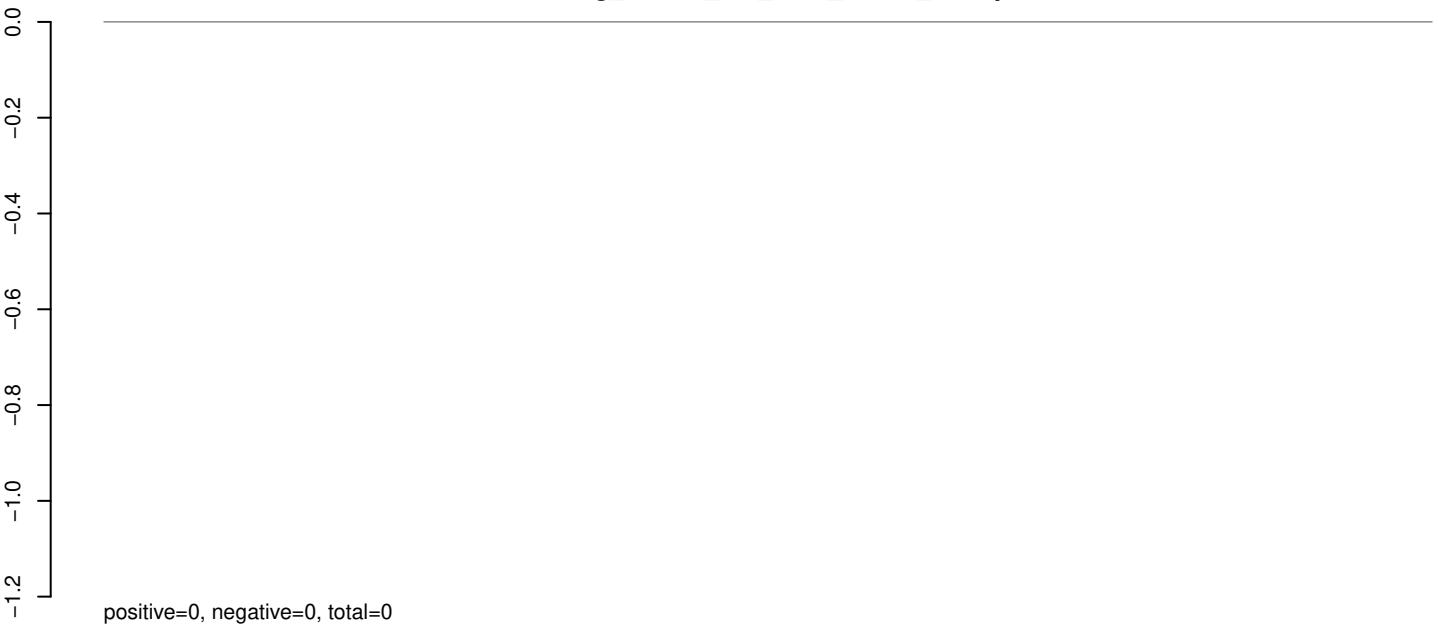


### AeAeg\_Whole\_sm\_r123\_JM.rep

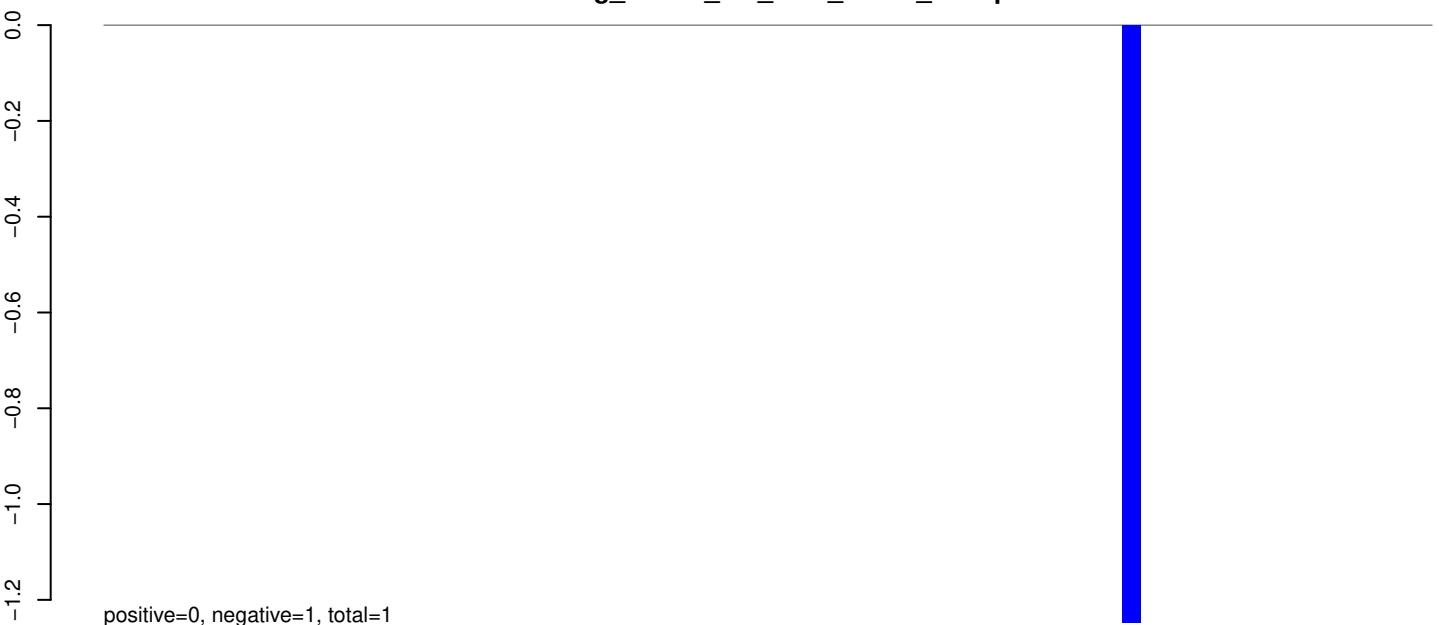


0 200 400 600 800 1000

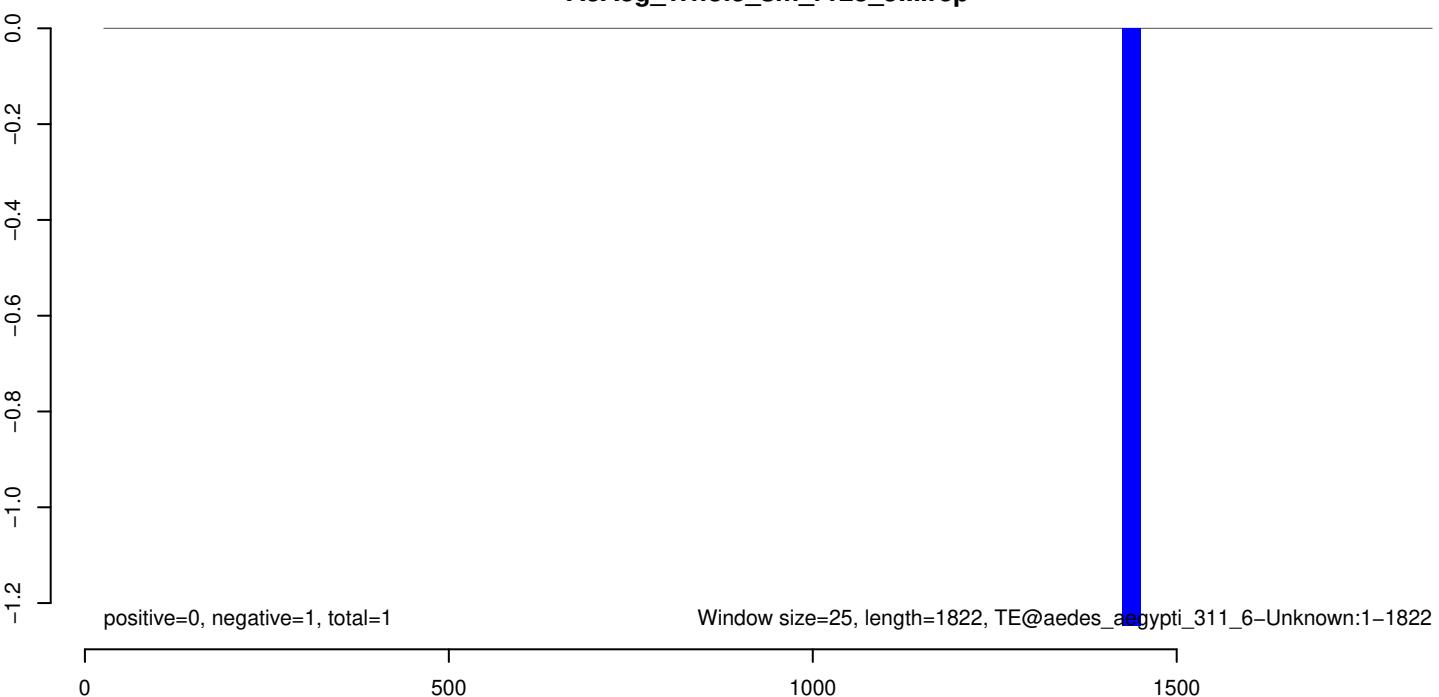
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

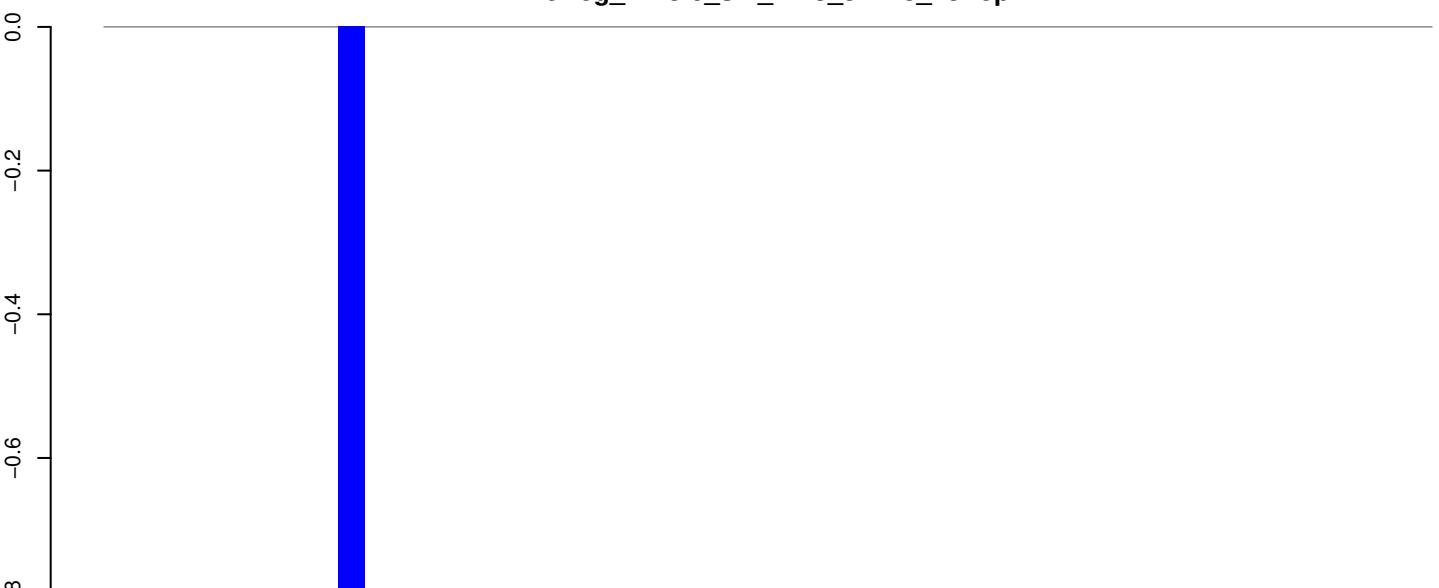


### AeAeg\_Whole\_sm\_r123\_JM.rep



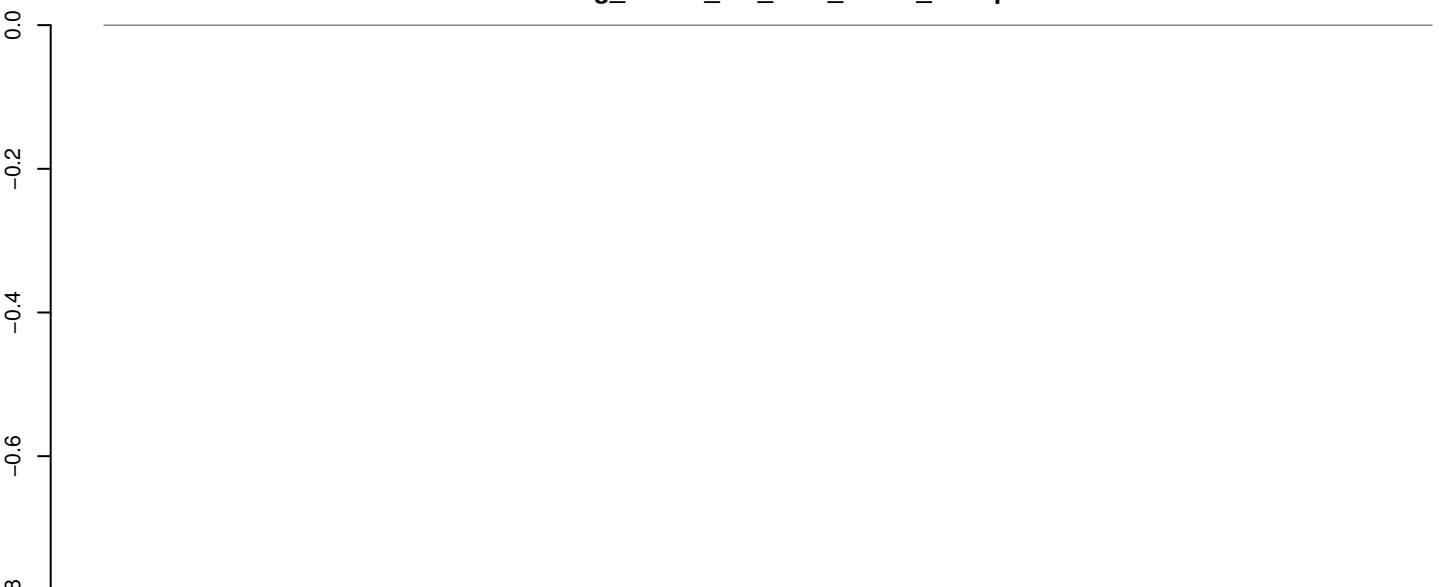
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

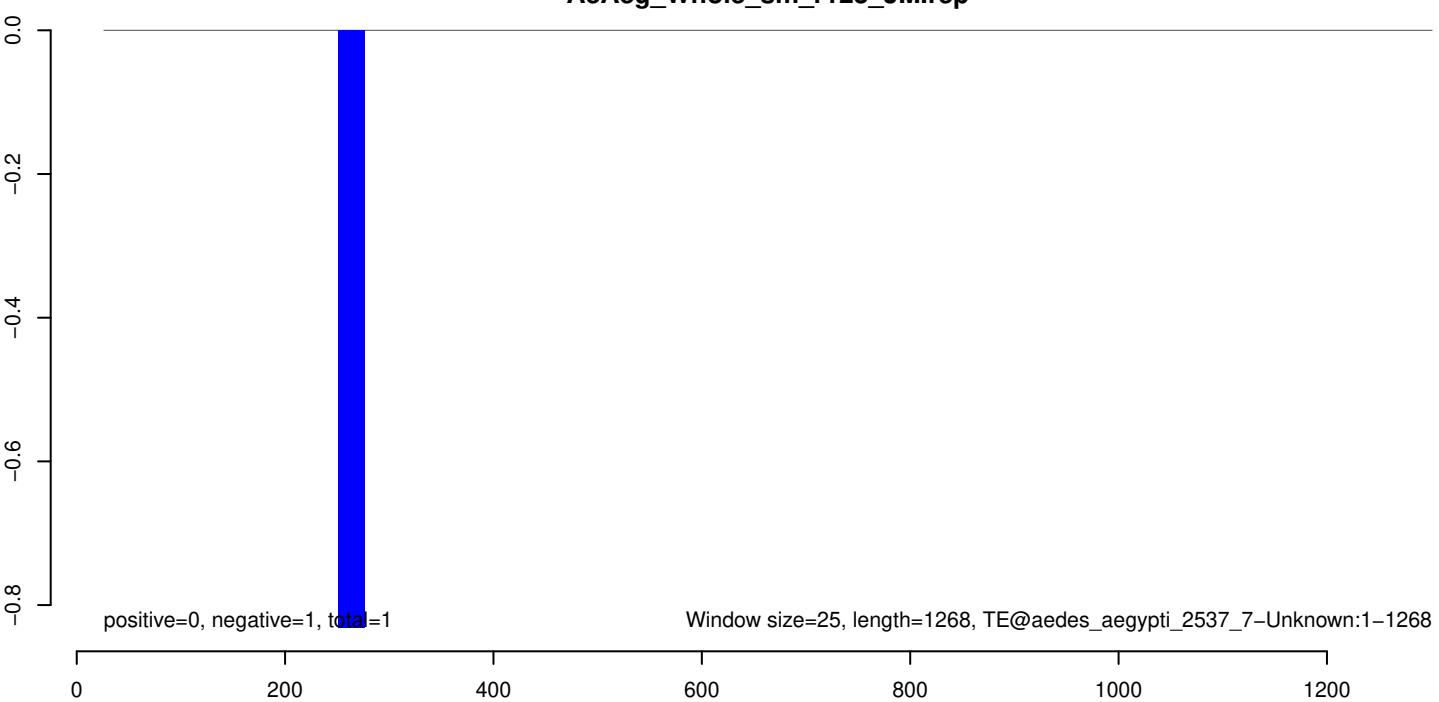
positive=0, negative=0, total=0



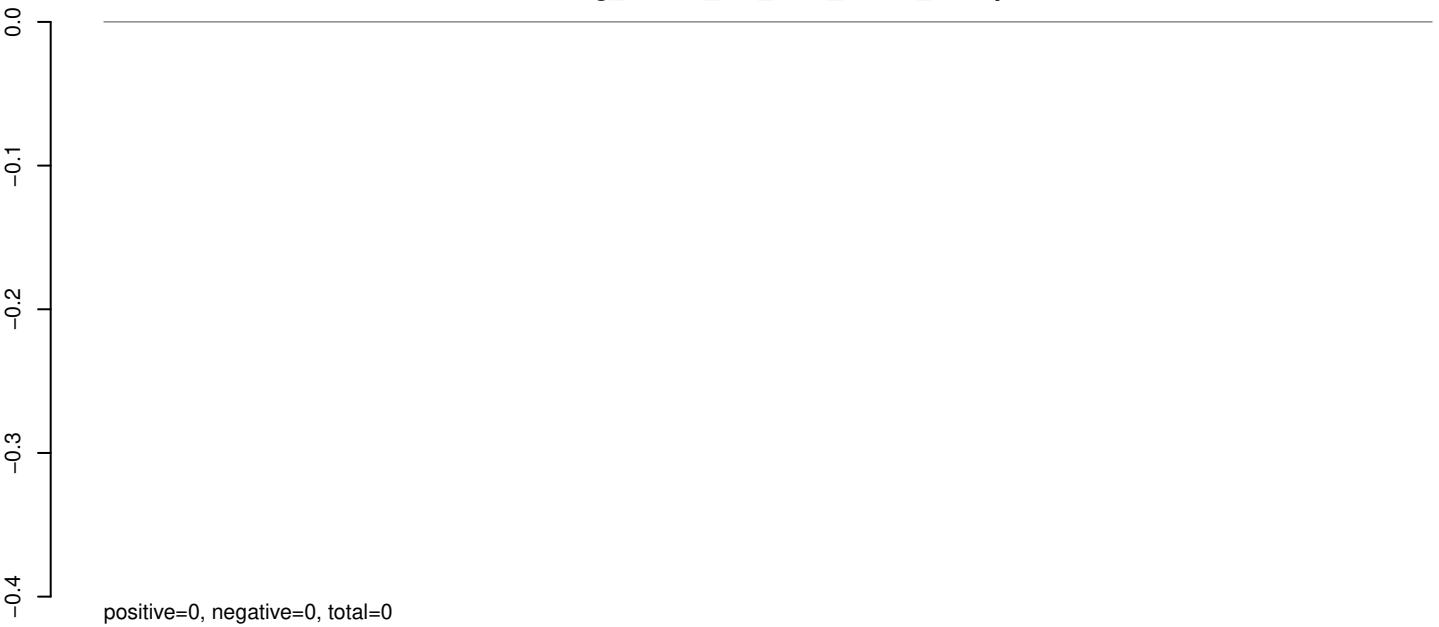
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

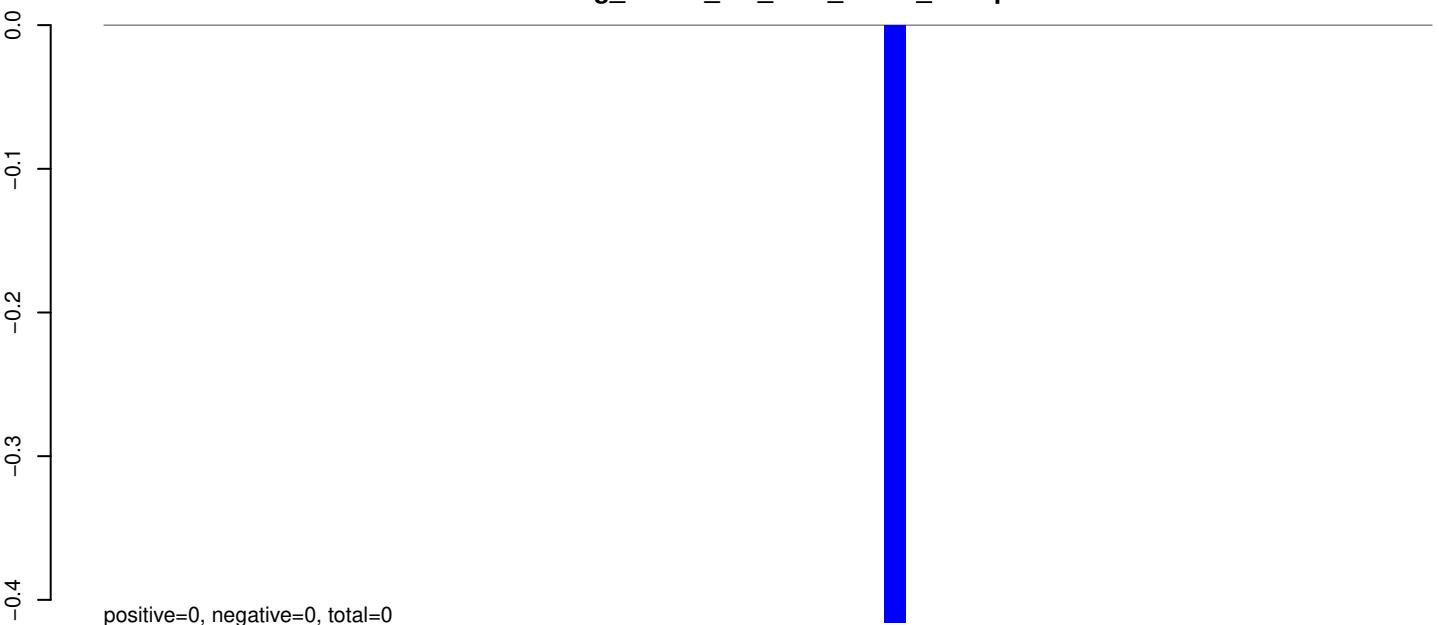
Window size=25, length=1268, TE@aedes\_aegypti\_2537\_7-Unknown:1-1268



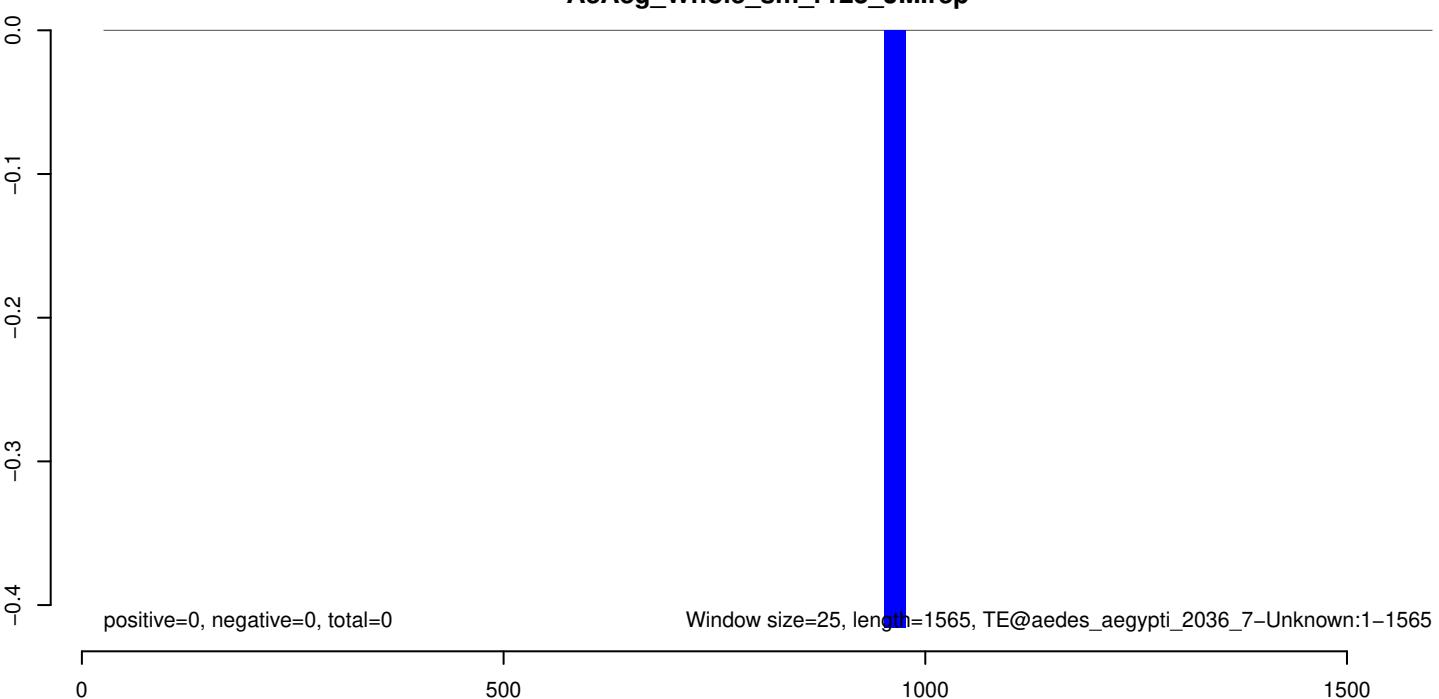
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



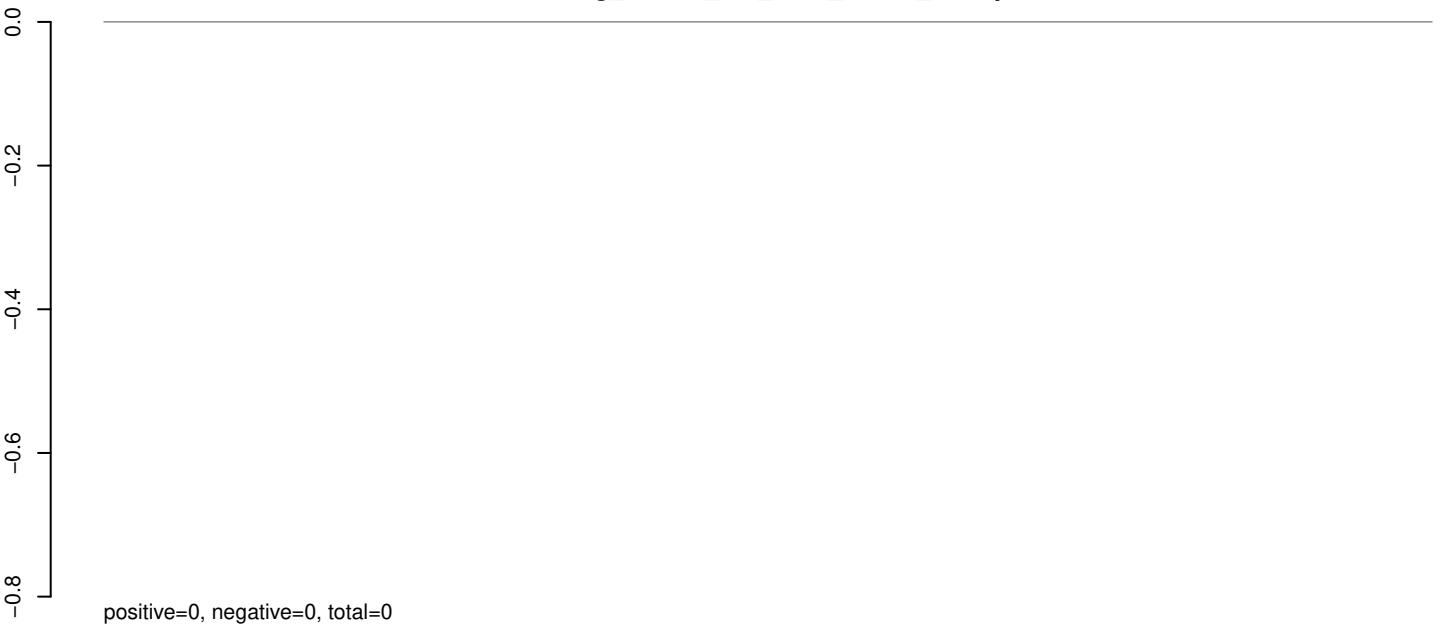
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



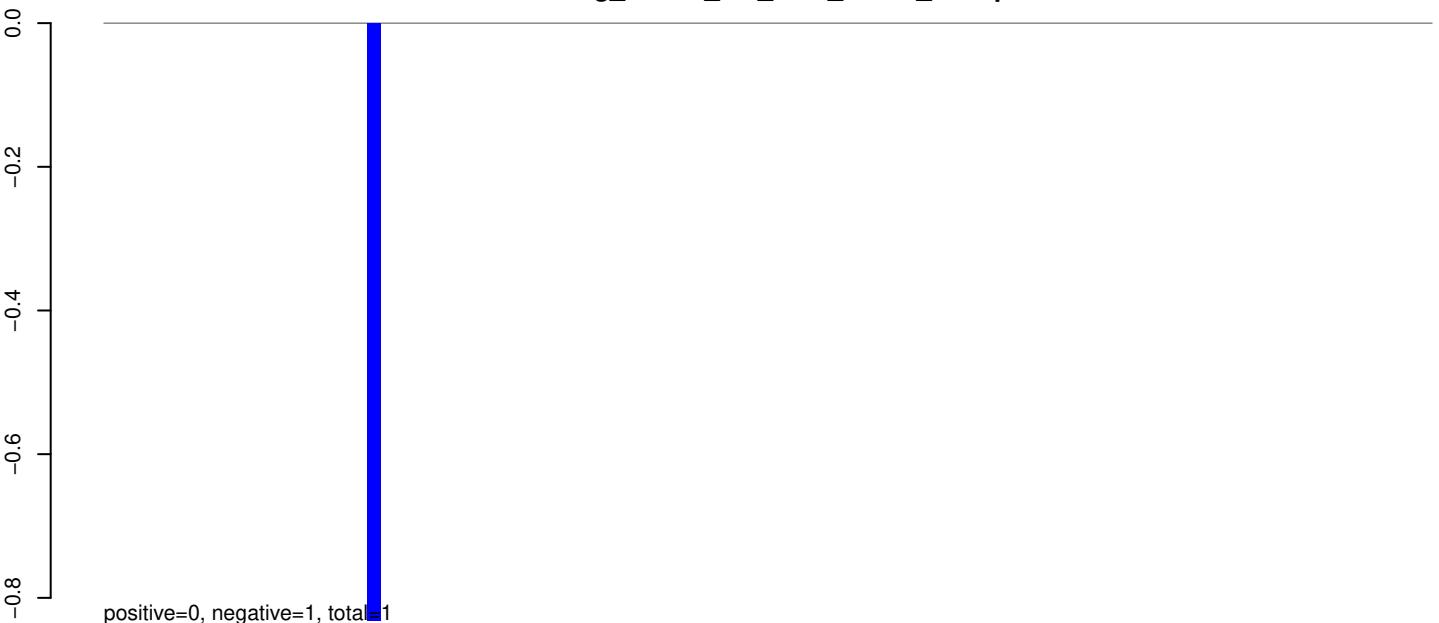
### AeAeg\_Whole\_sm\_r123\_JM.rep



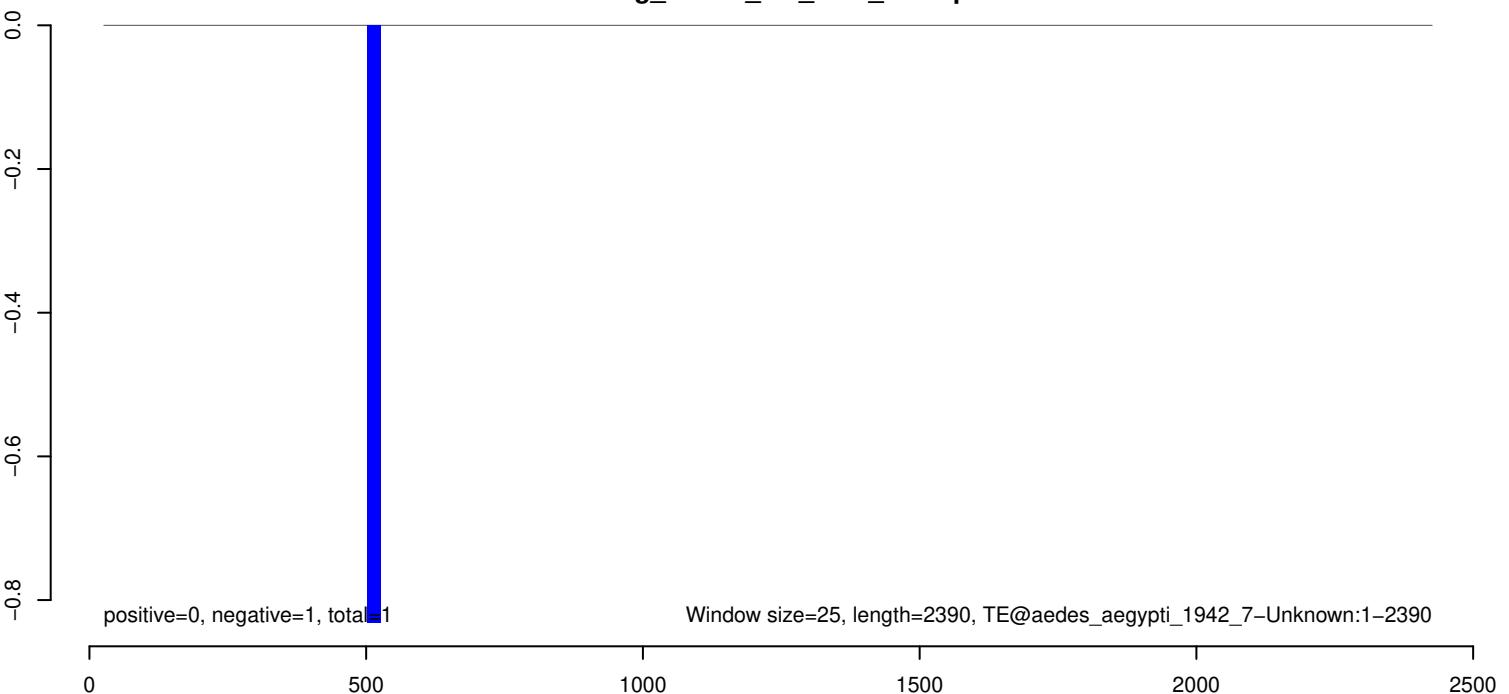
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



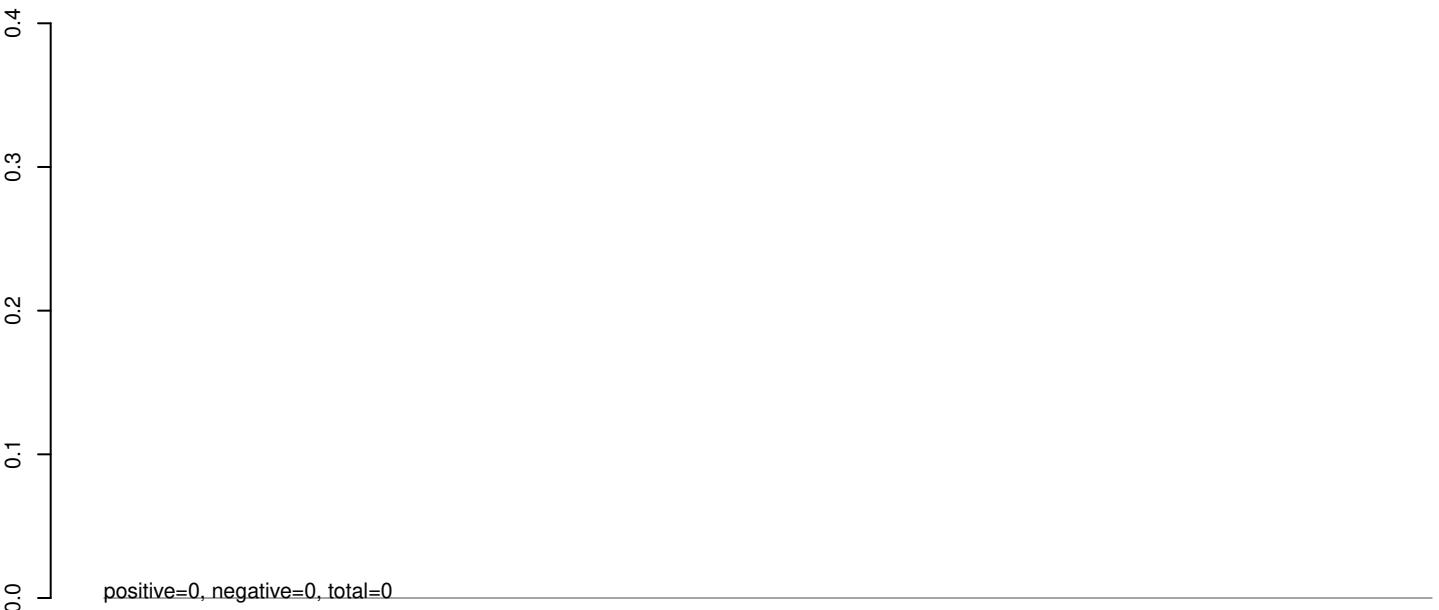
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



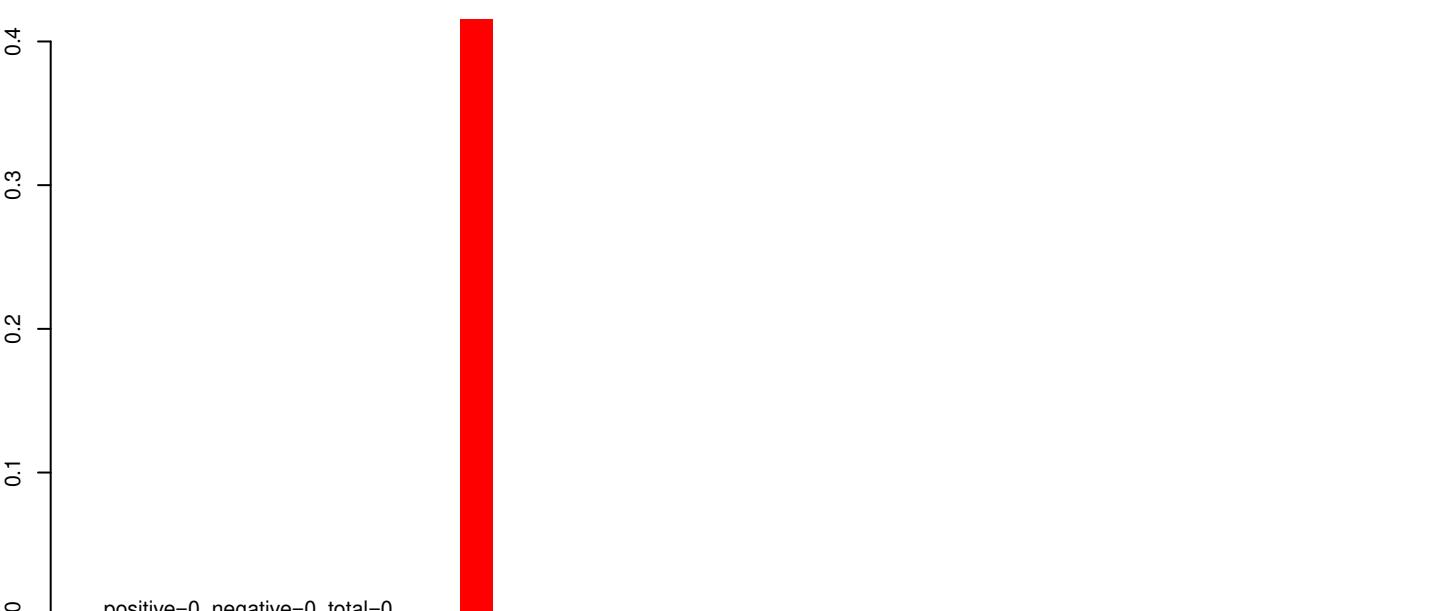
AeAeg\_Whole\_sm\_r123\_JM.rep



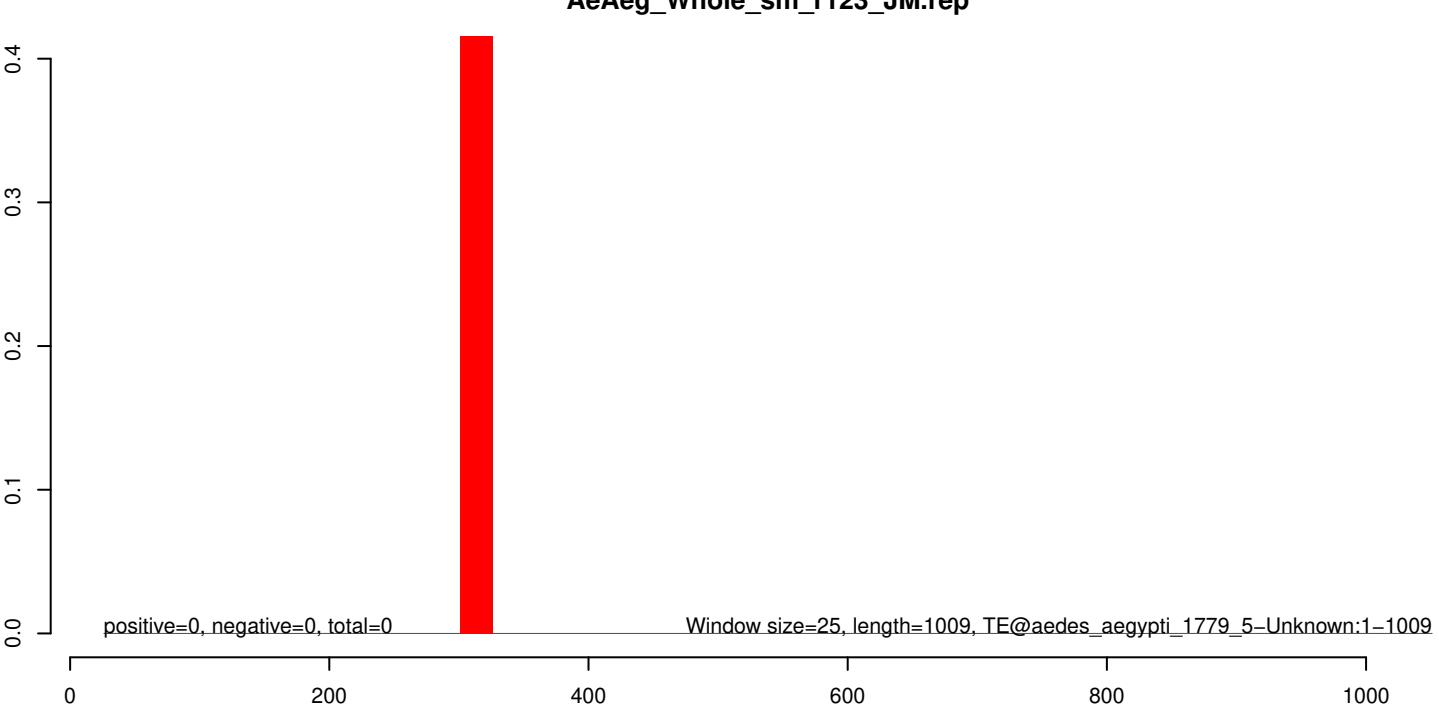
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



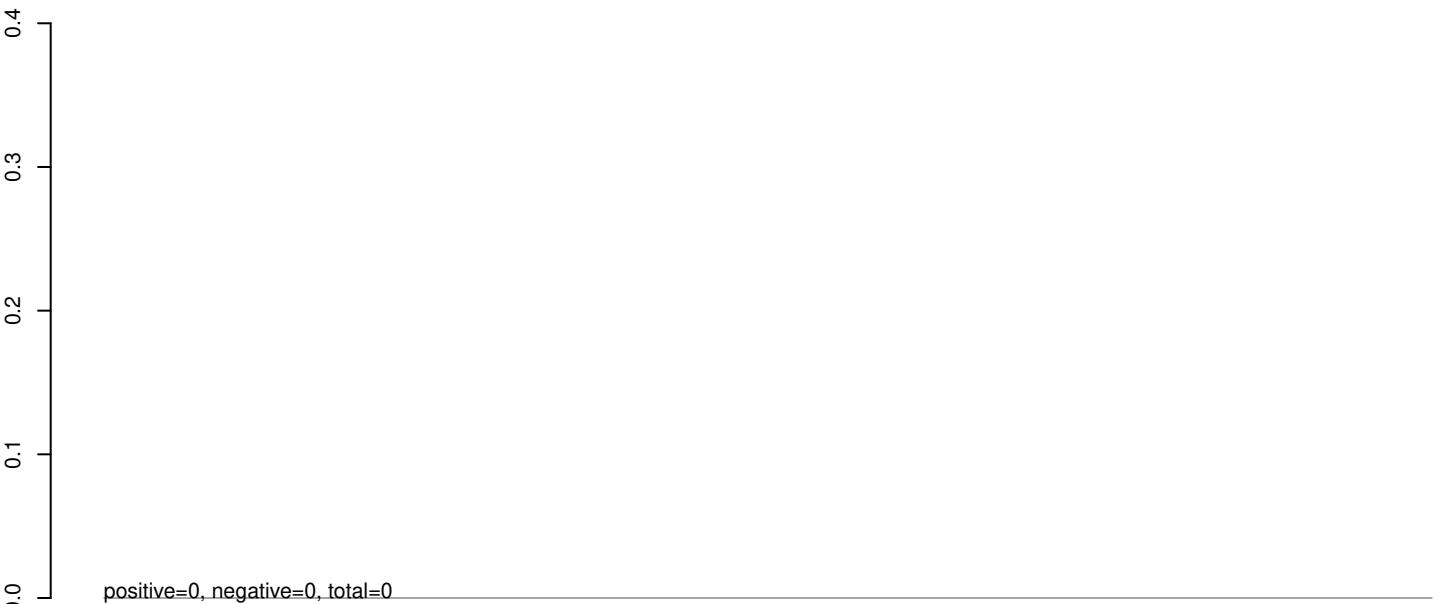
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



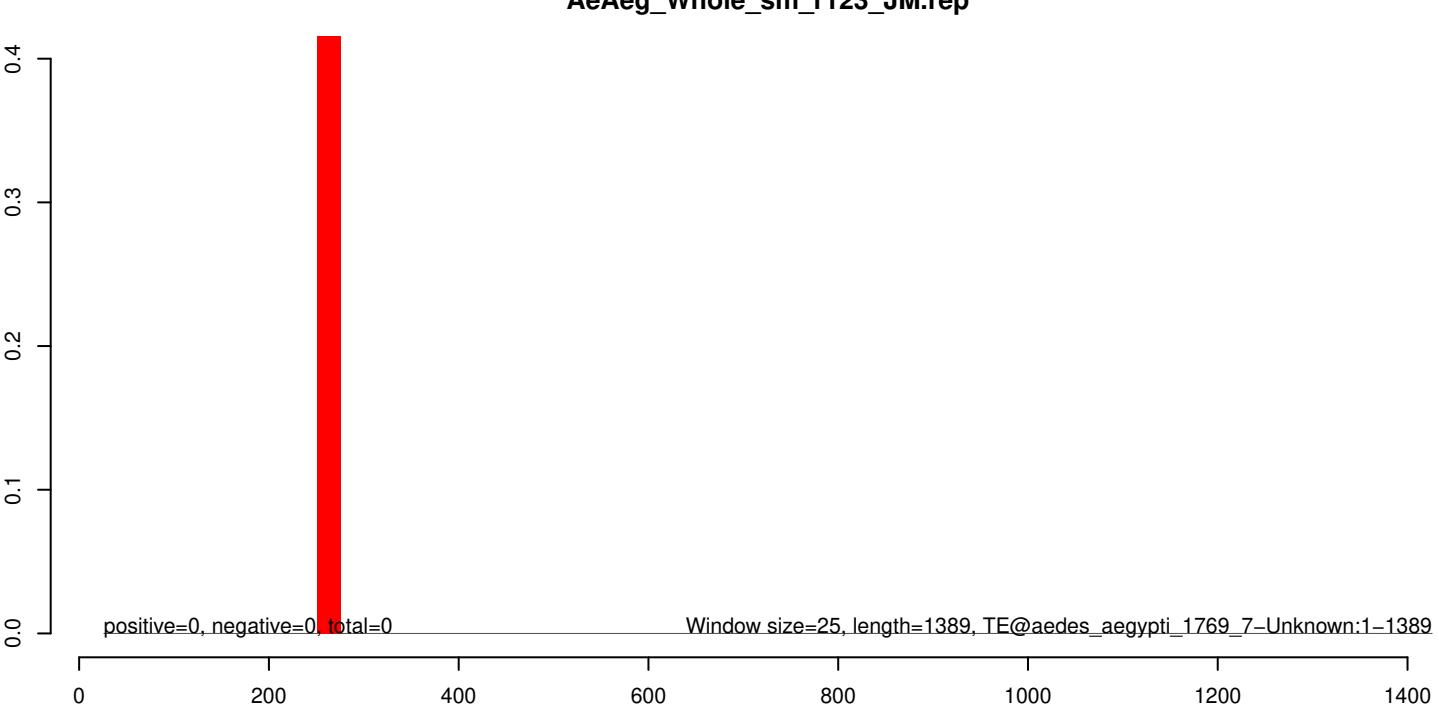
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



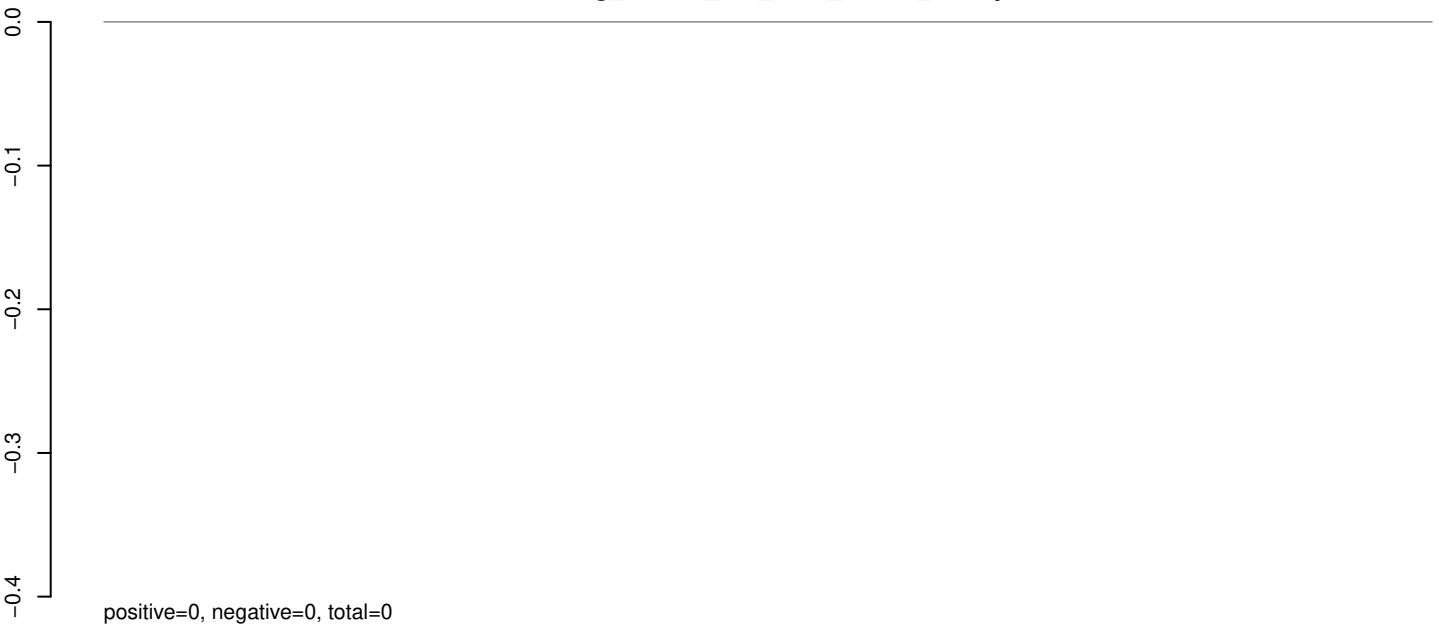
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



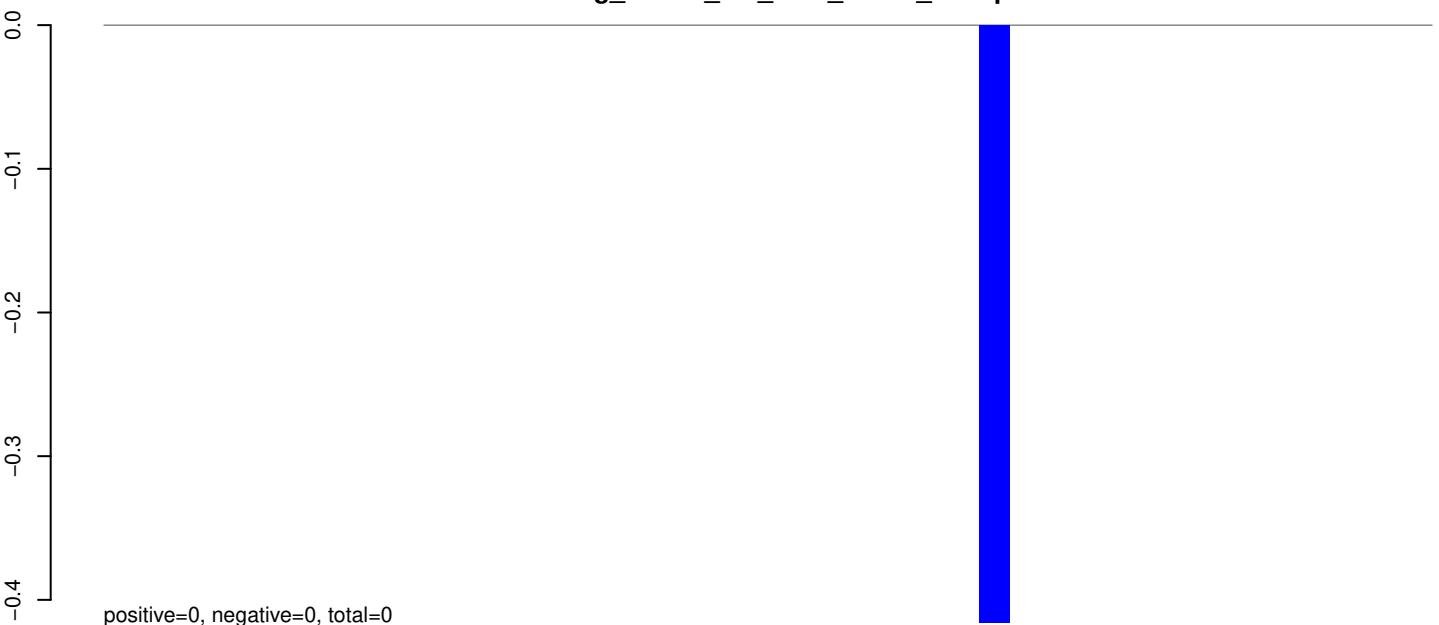
**AeAeg\_Whole\_sm\_r123\_JM.rep**



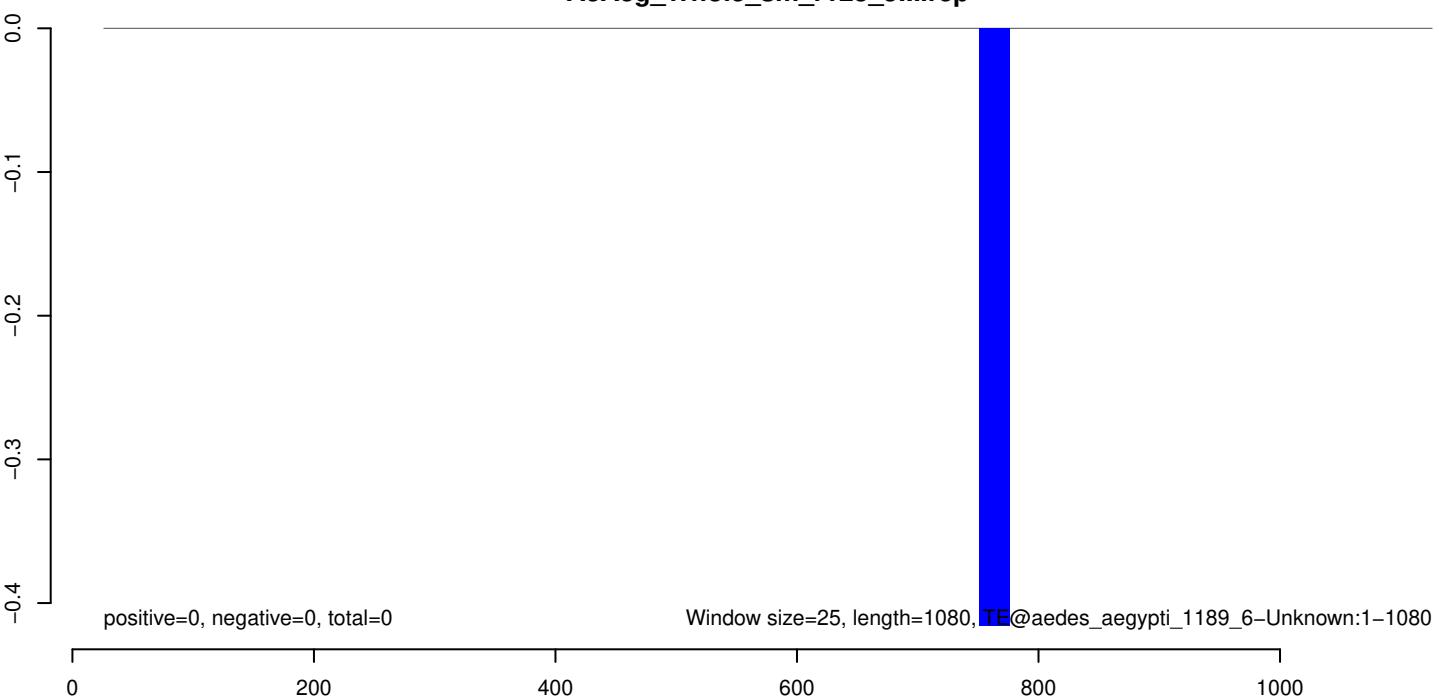
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



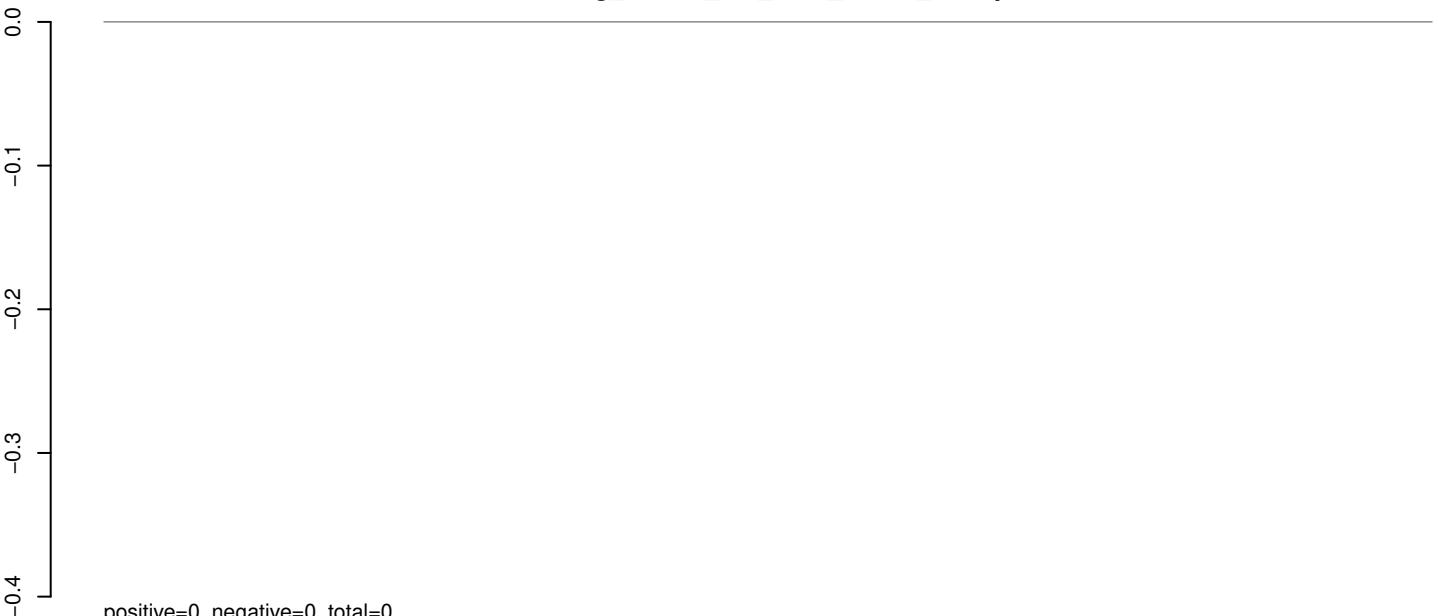
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



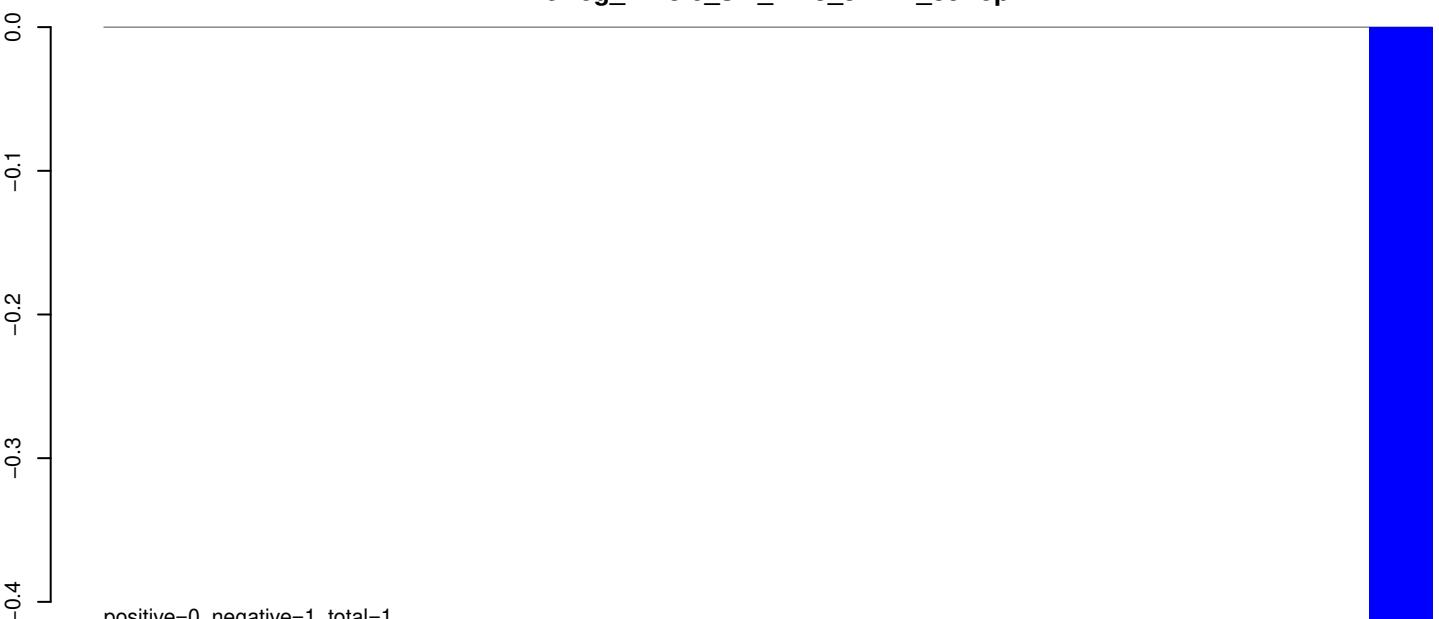
### AeAeg\_Whole\_sm\_r123\_JM.rep



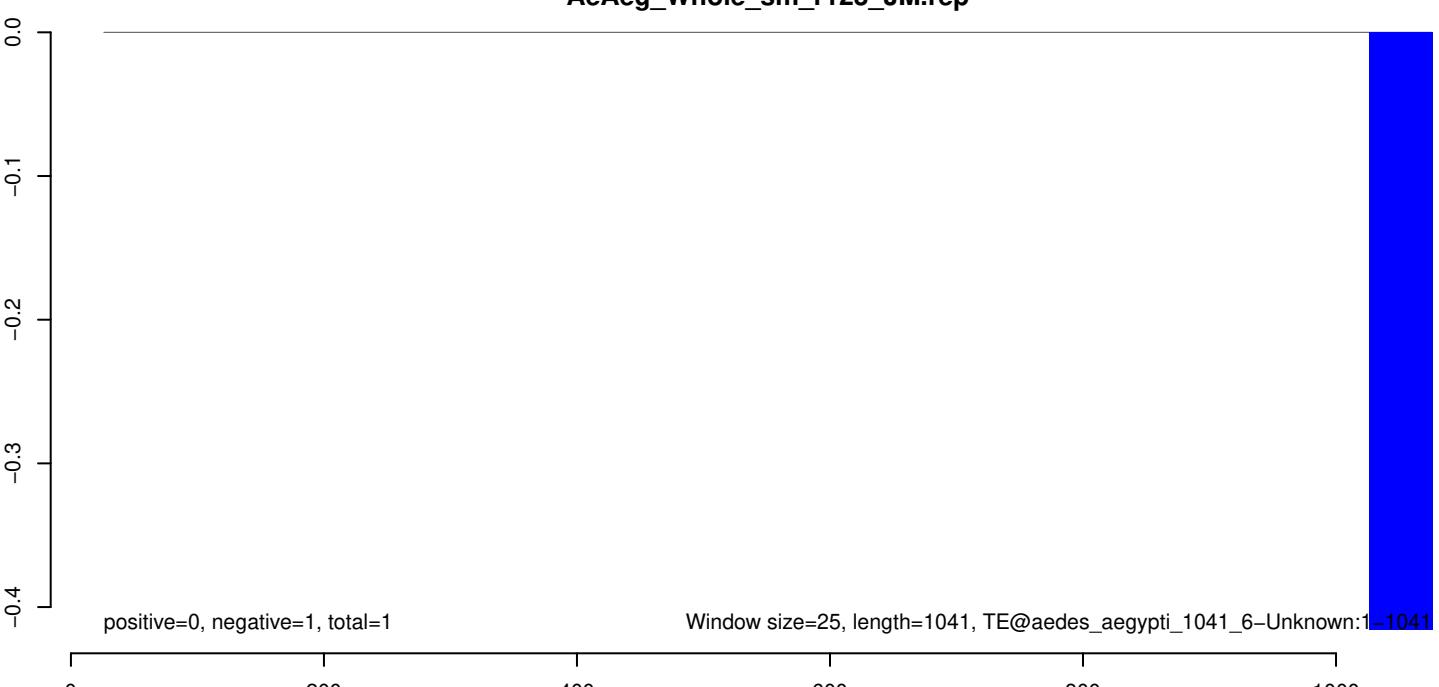
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



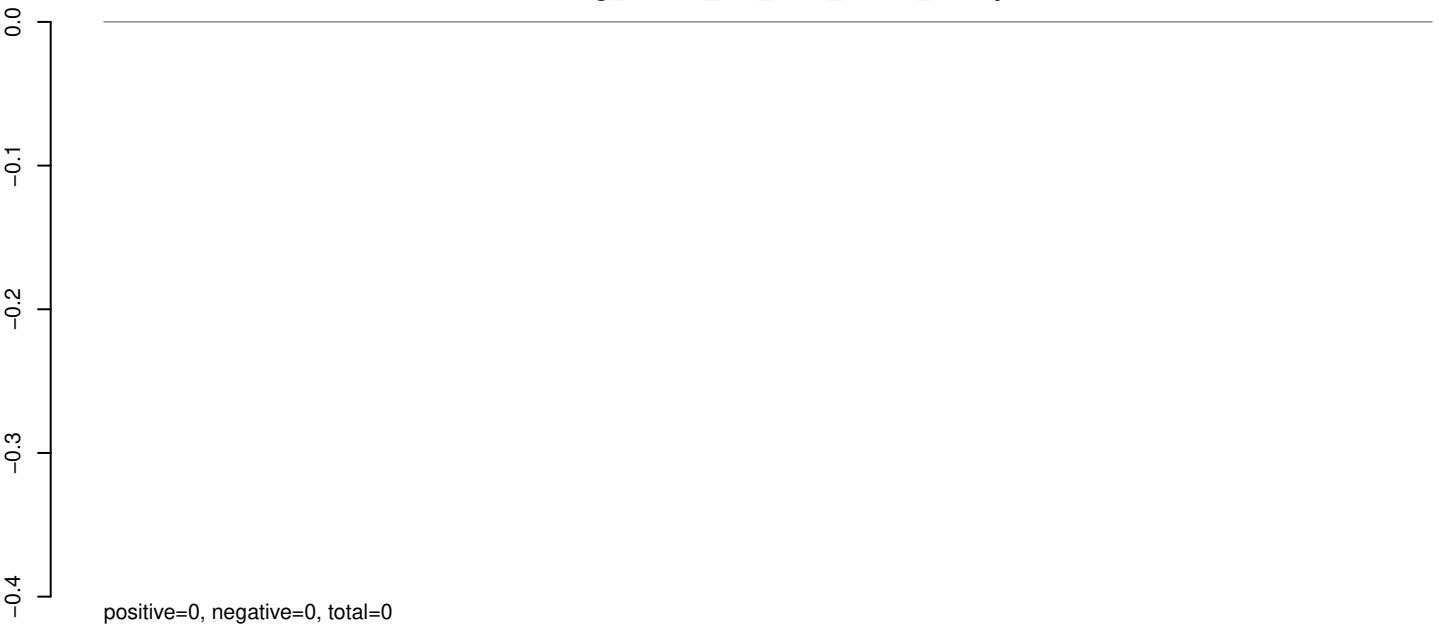
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



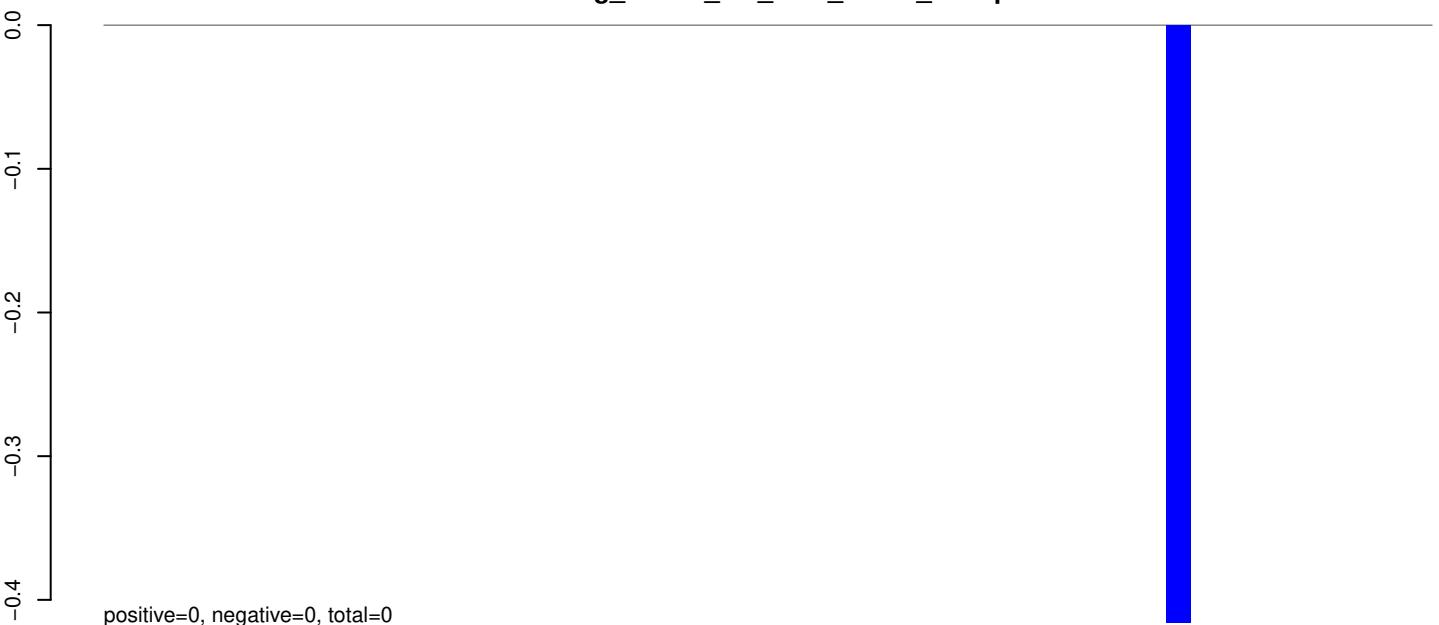
### AeAeg\_Whole\_sm\_r123\_JM.rep



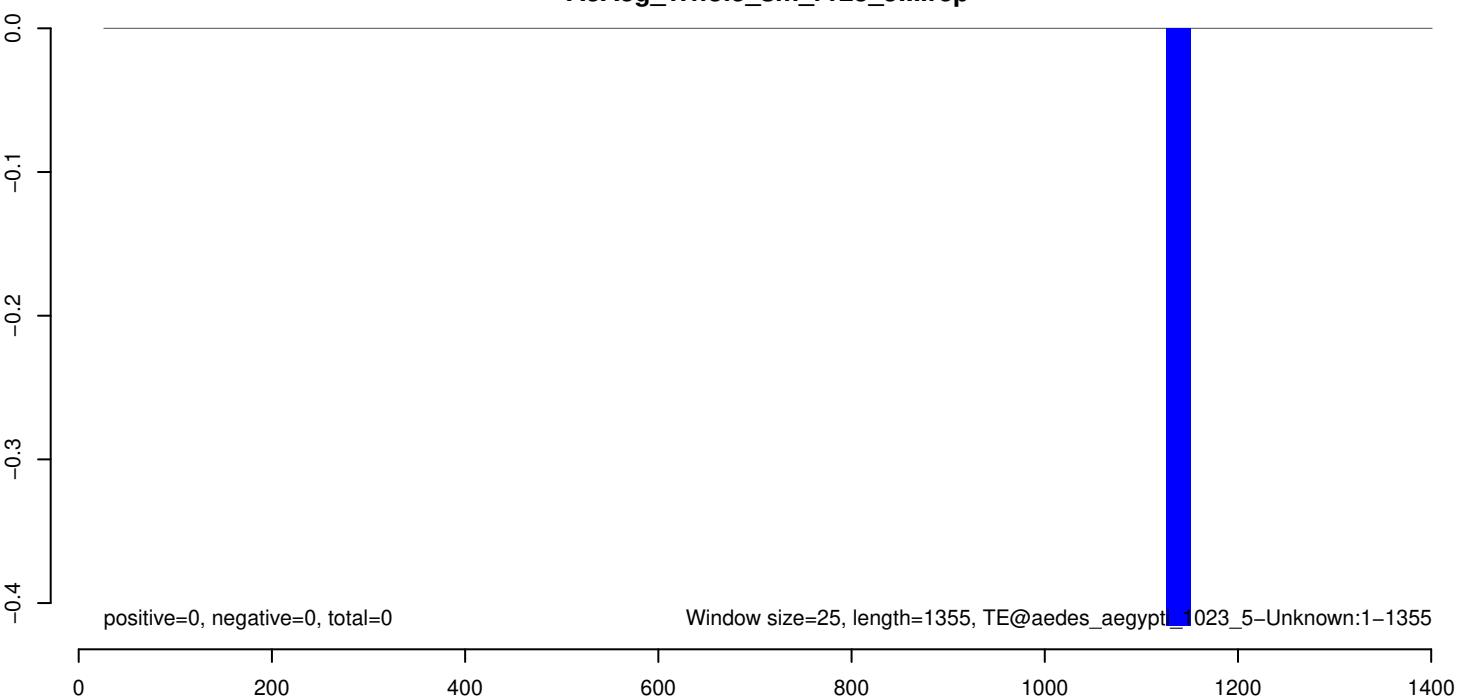
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

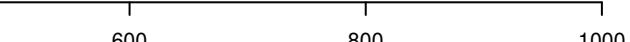
positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=0, total=0

Window size=25, length=1109, TE@aedes\_aegypti\_1021\_4-Unknown:1-1109



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.rep

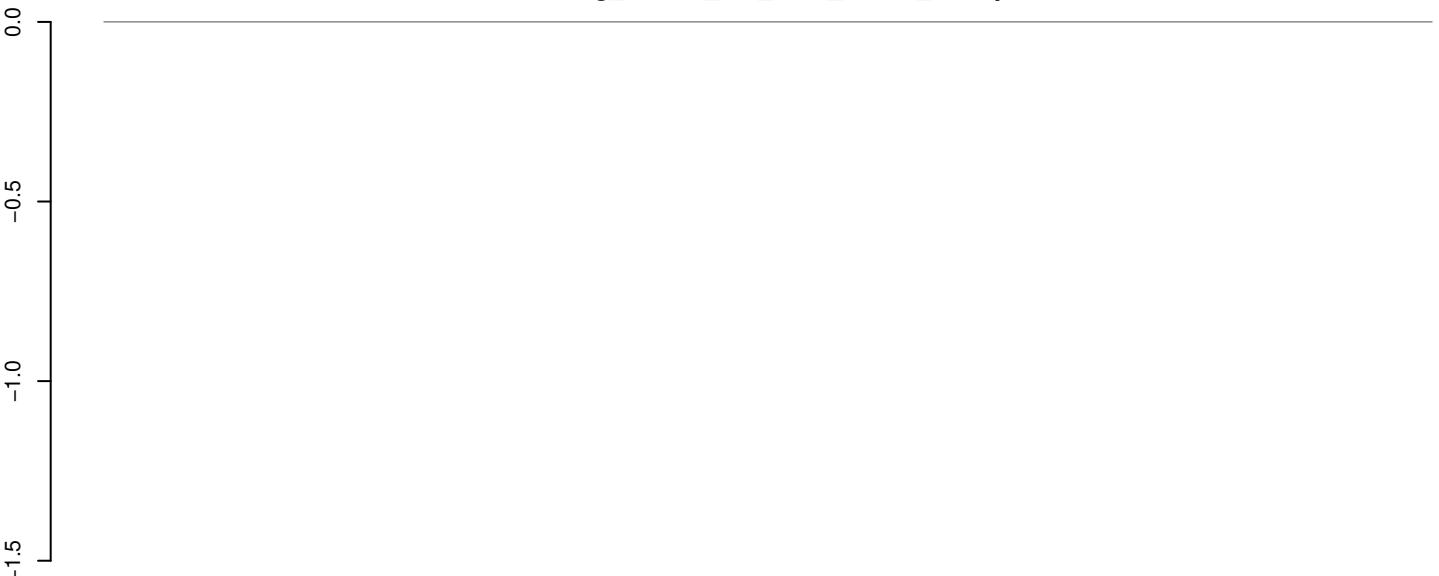


positive=0, negative=0, total=0

Window size=25, length=796, TE@Transib2\_AA:1–796

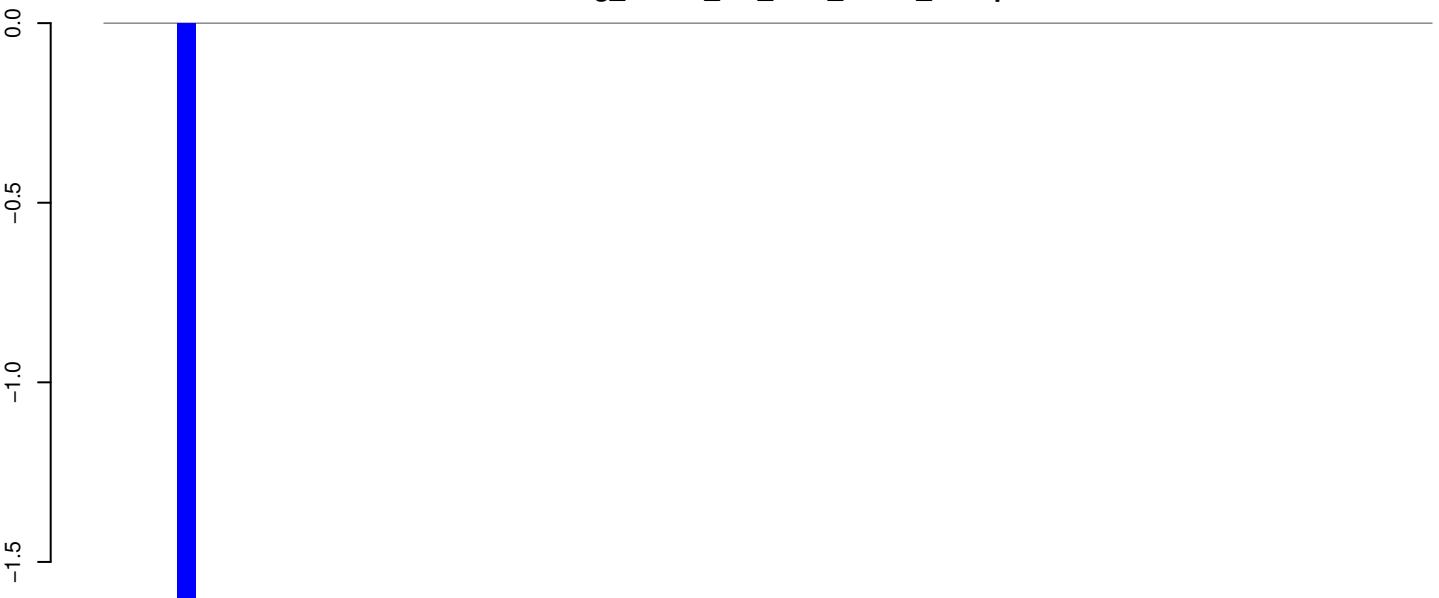
0 200 400 600 800

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



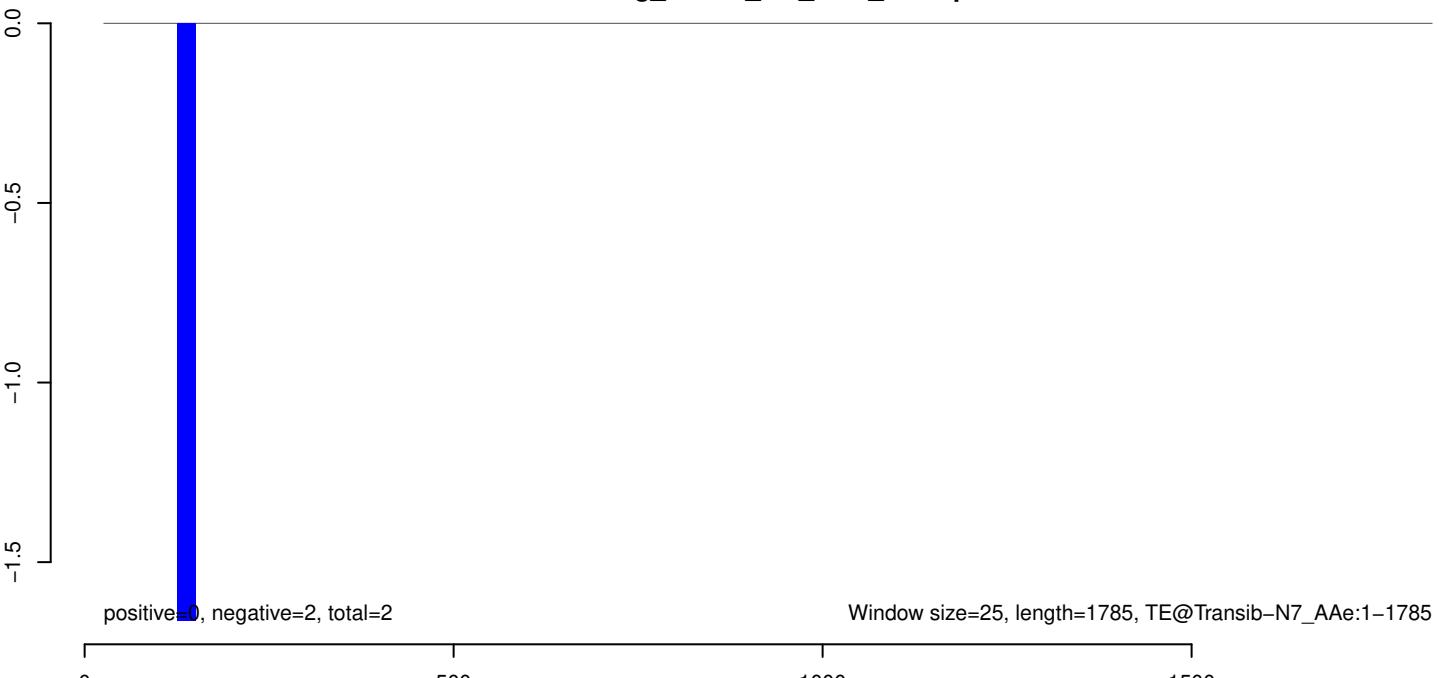
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

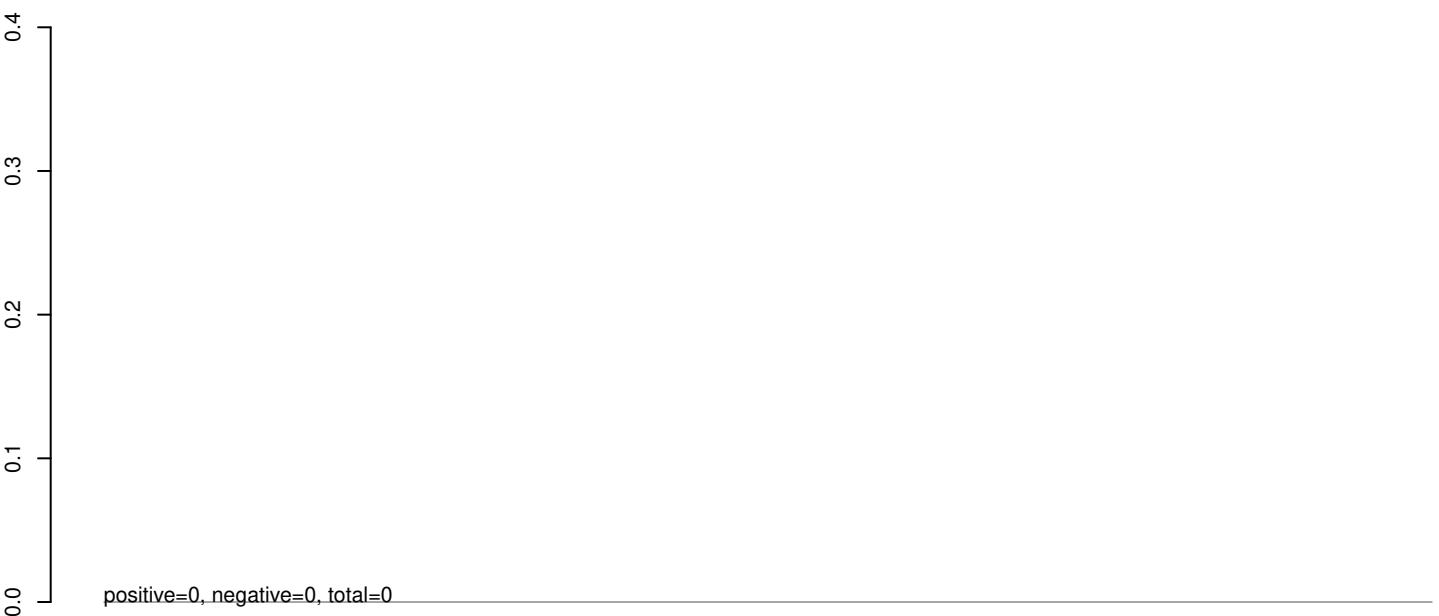


positive=0, negative=2, total=2

Window size=25, length=1785, TE@Transib-N7\_AAe:1-1785

0 500 1000 1500

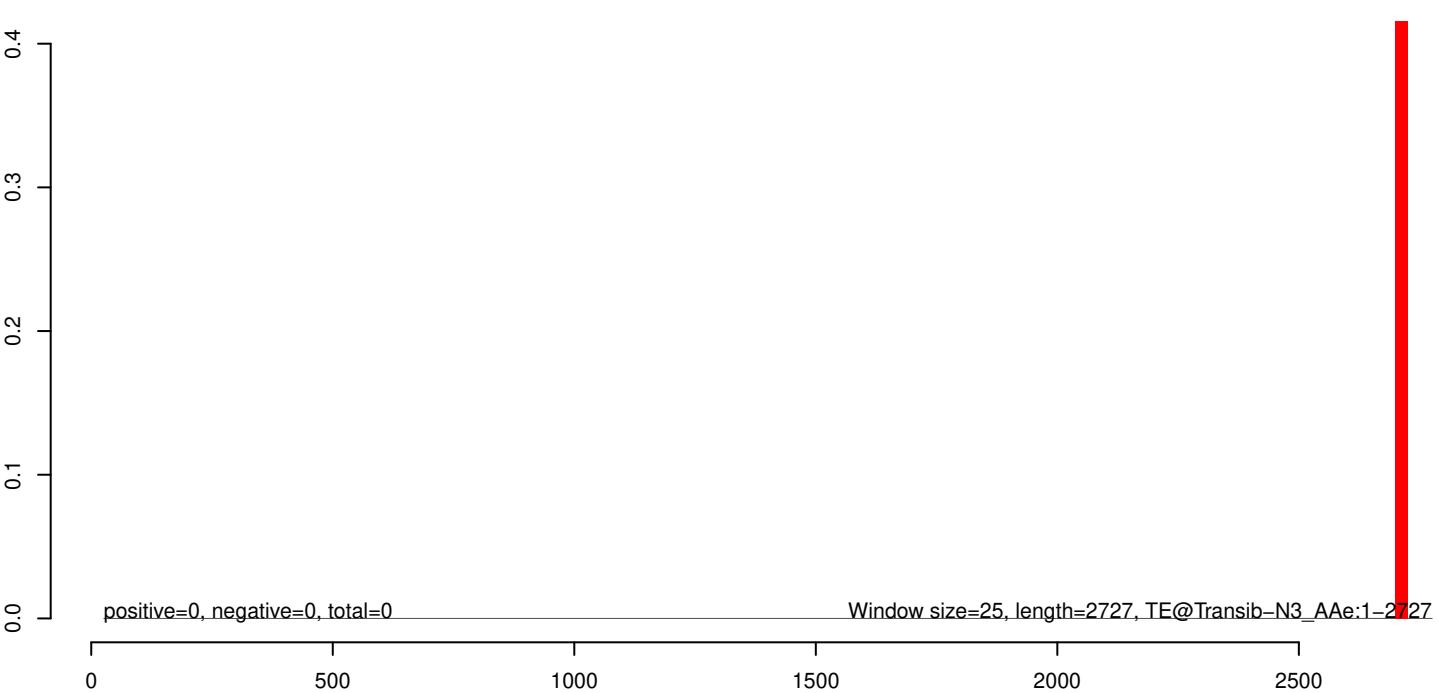
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



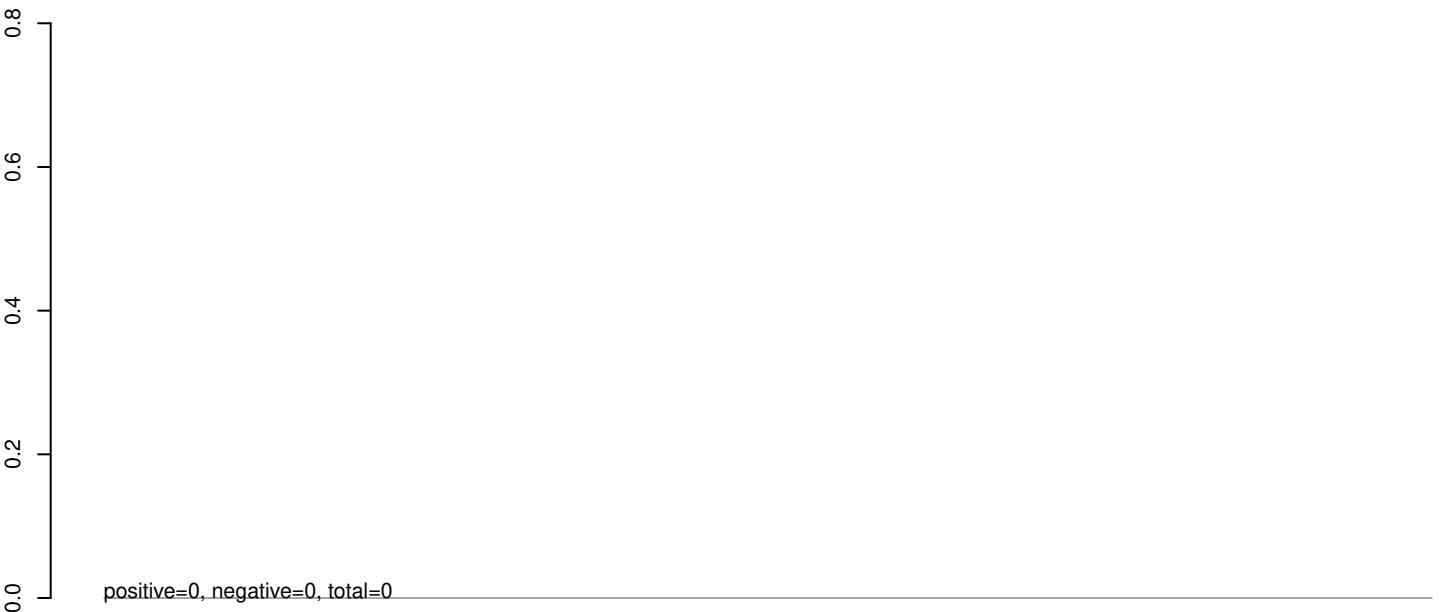
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



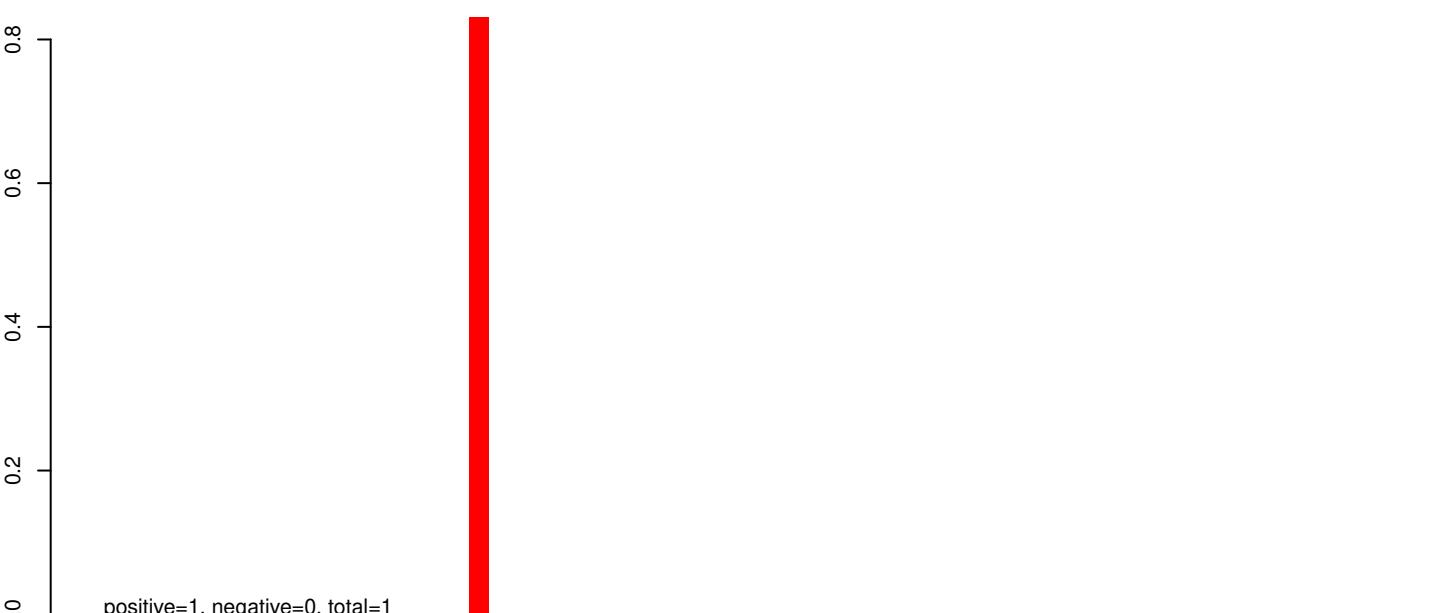
**AeAeg\_Whole\_sm\_r123\_JM.rep**



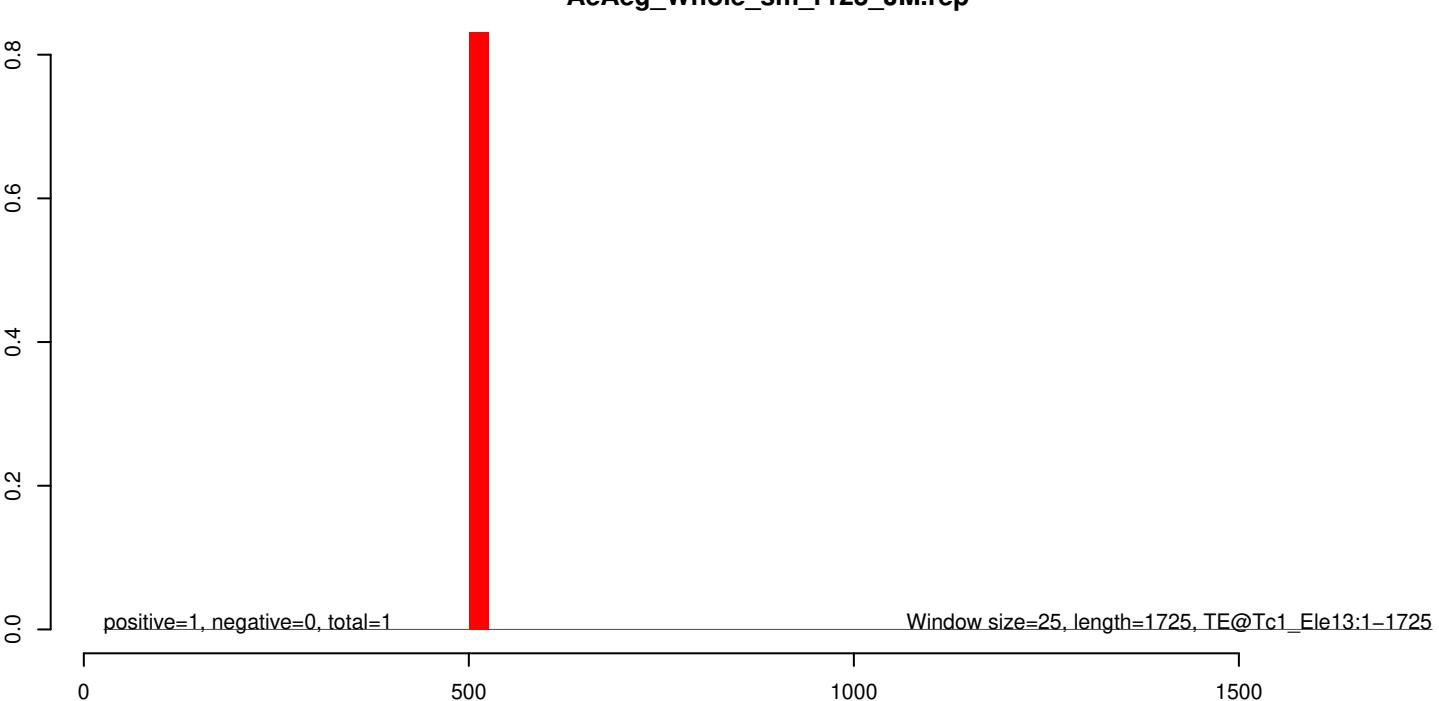
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



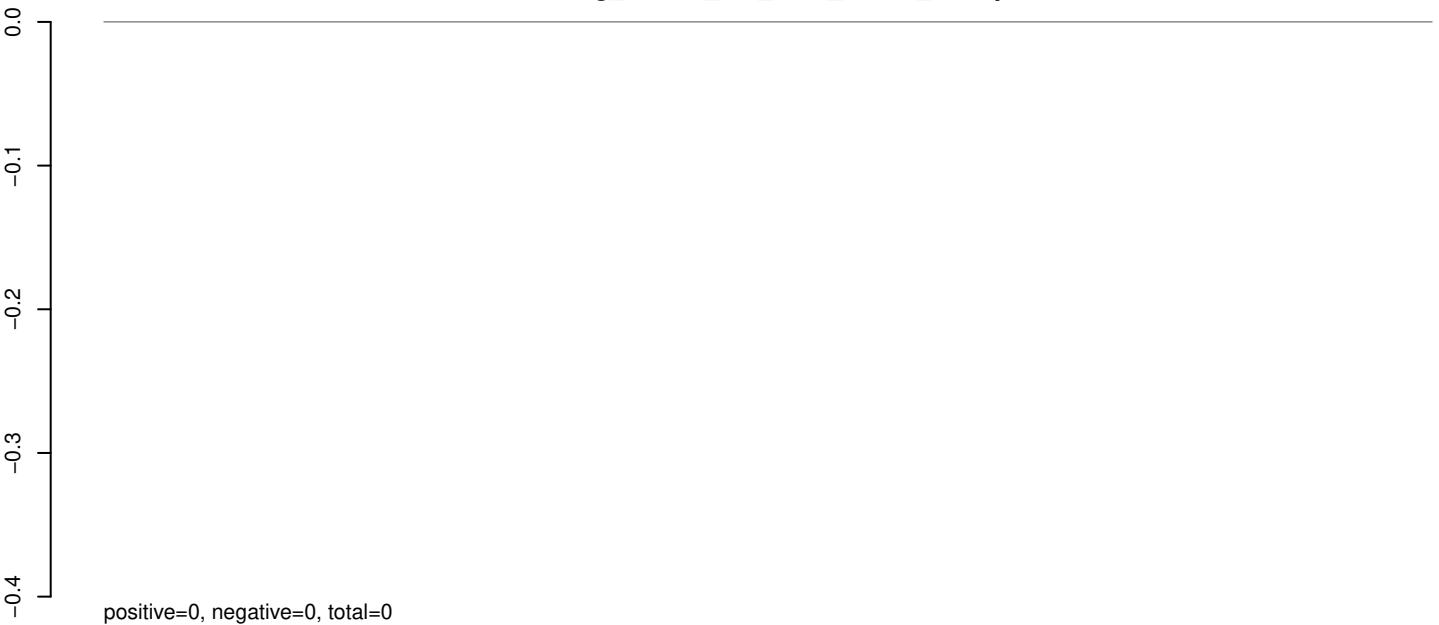
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



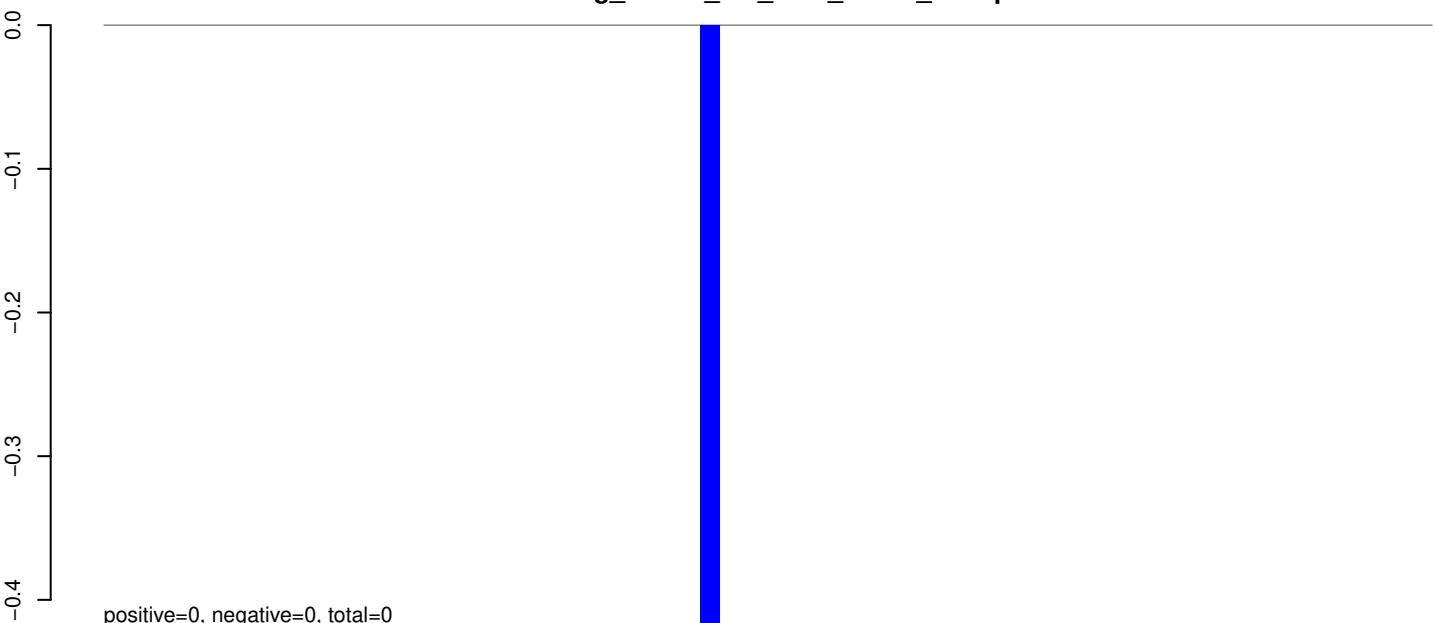
**AeAeg\_Whole\_sm\_r123\_JM.rep**



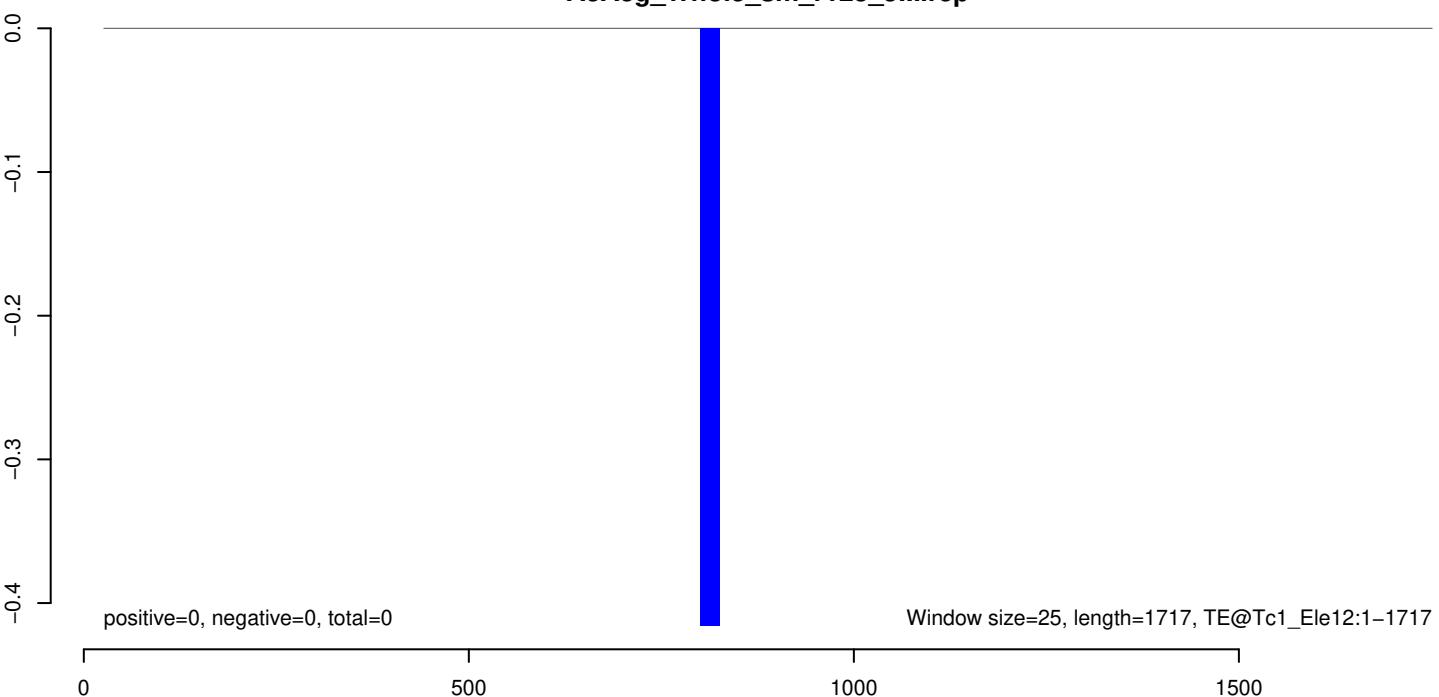
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



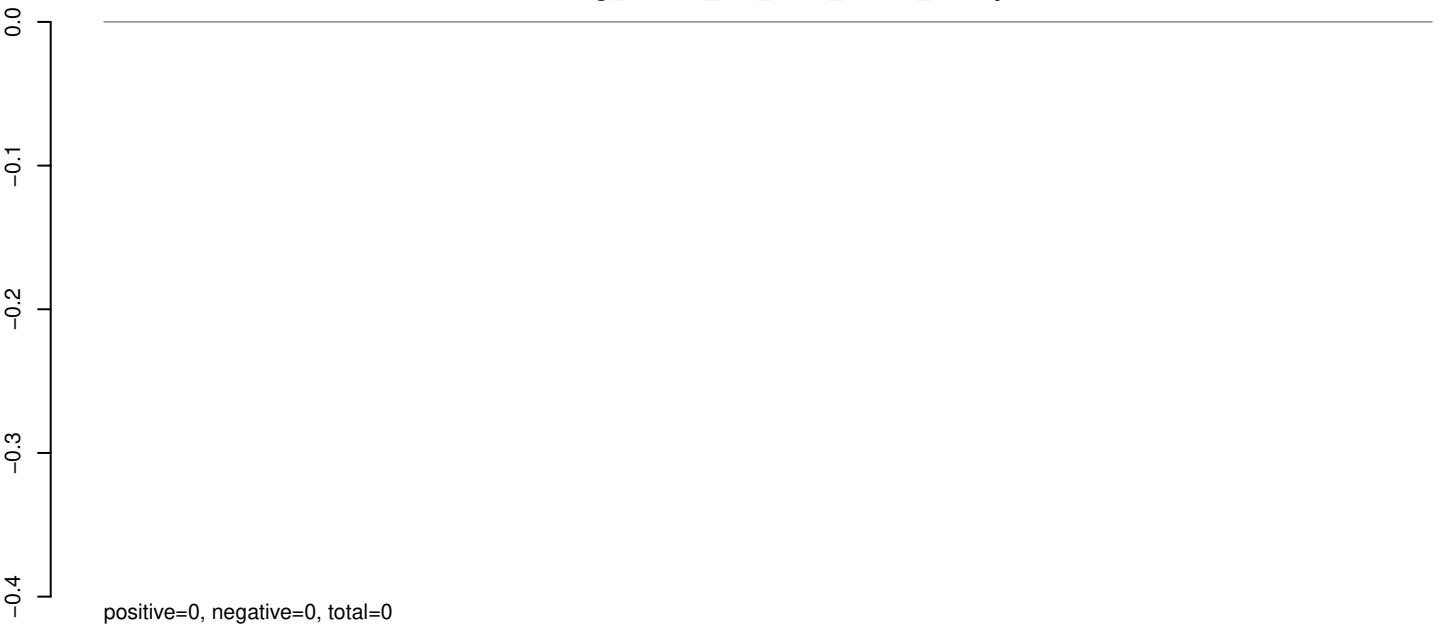
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



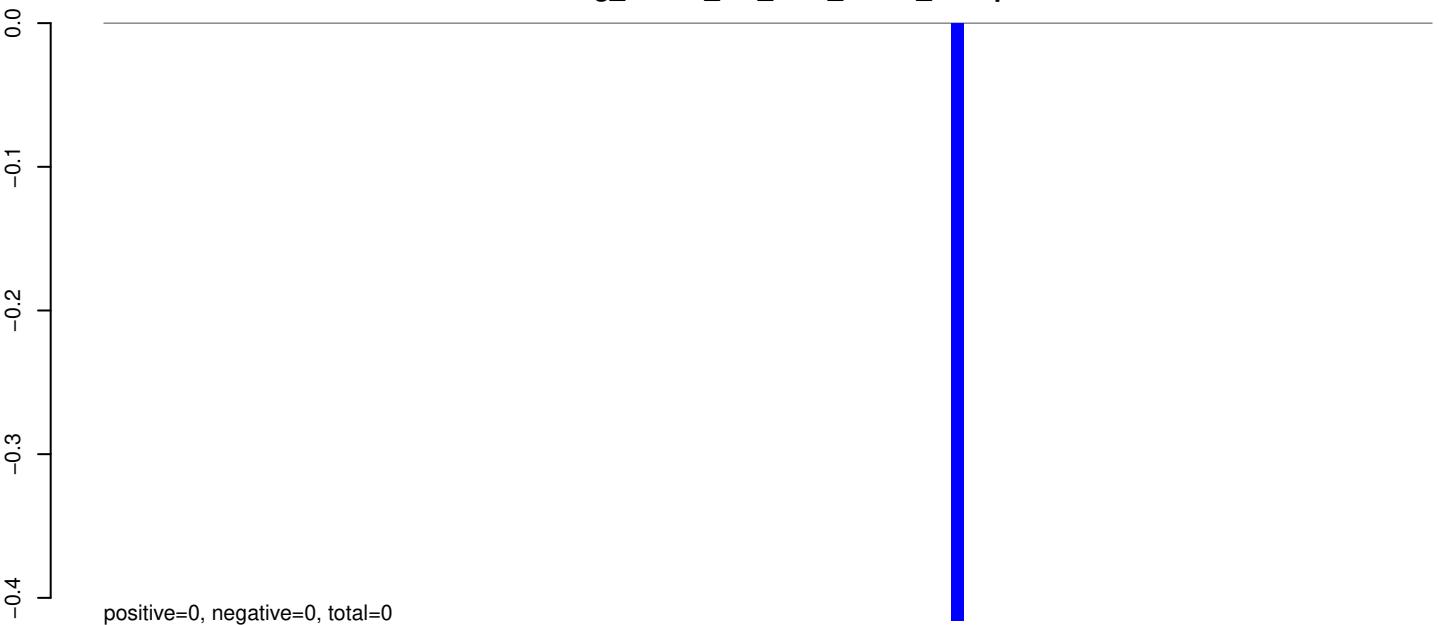
### AeAeg\_Whole\_sm\_r123\_JM.rep



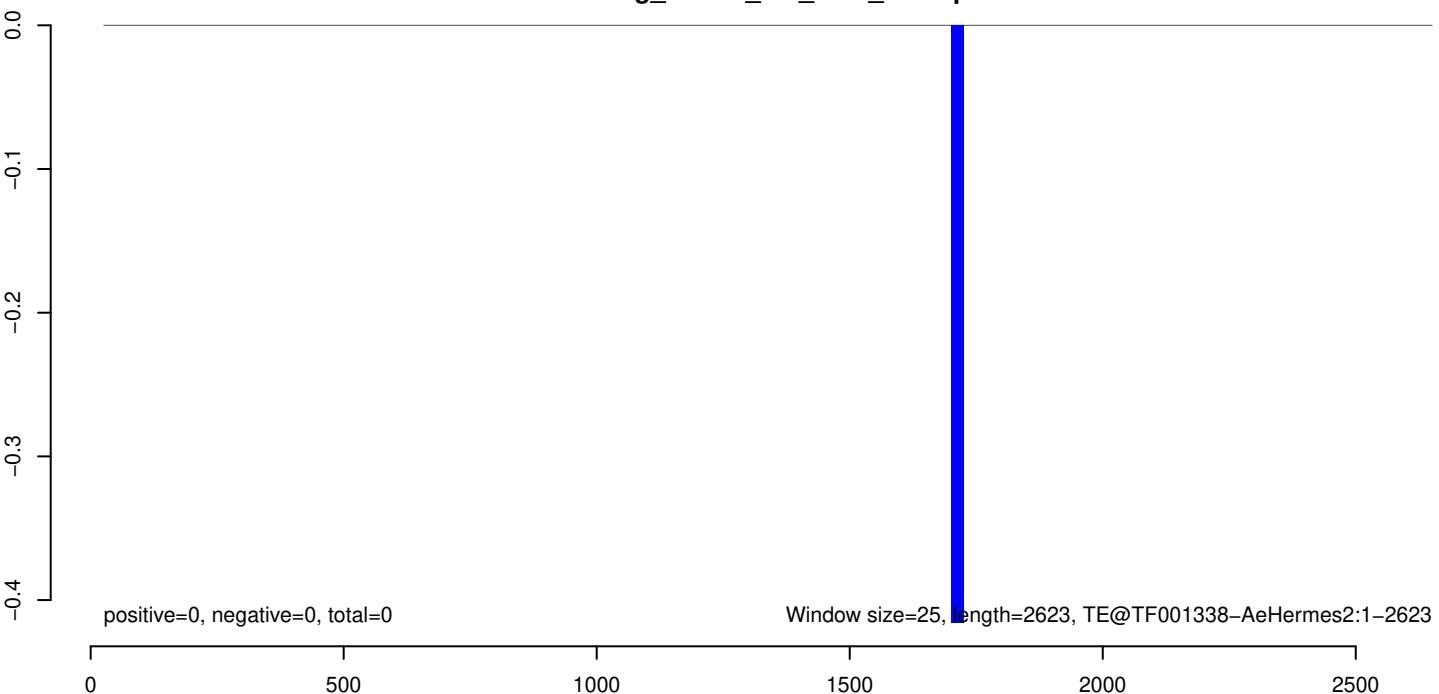
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



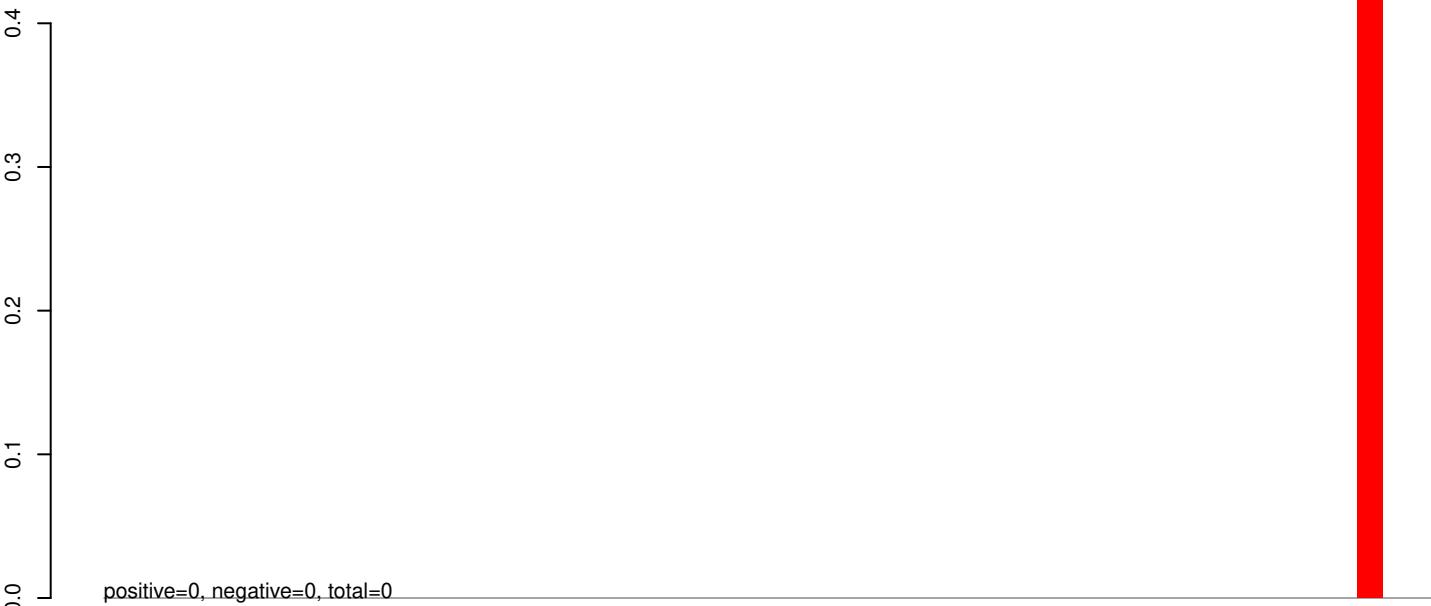
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



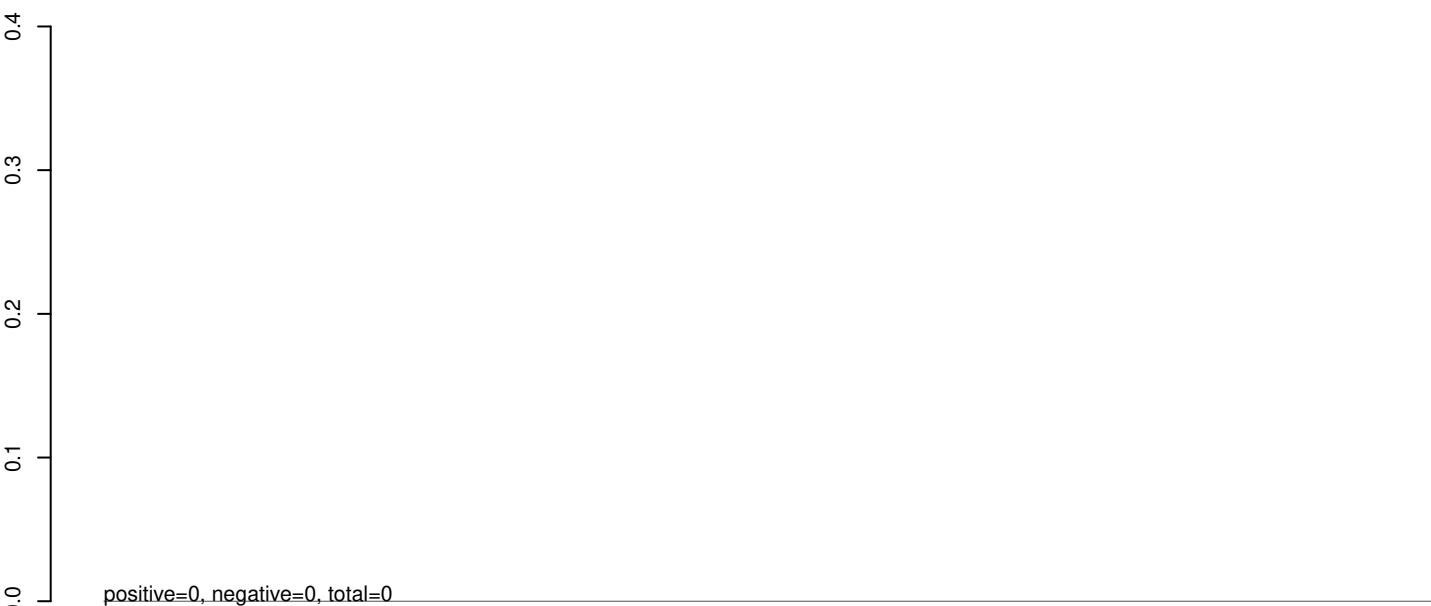
### AeAeg\_Whole\_sm\_r123\_JM.rep



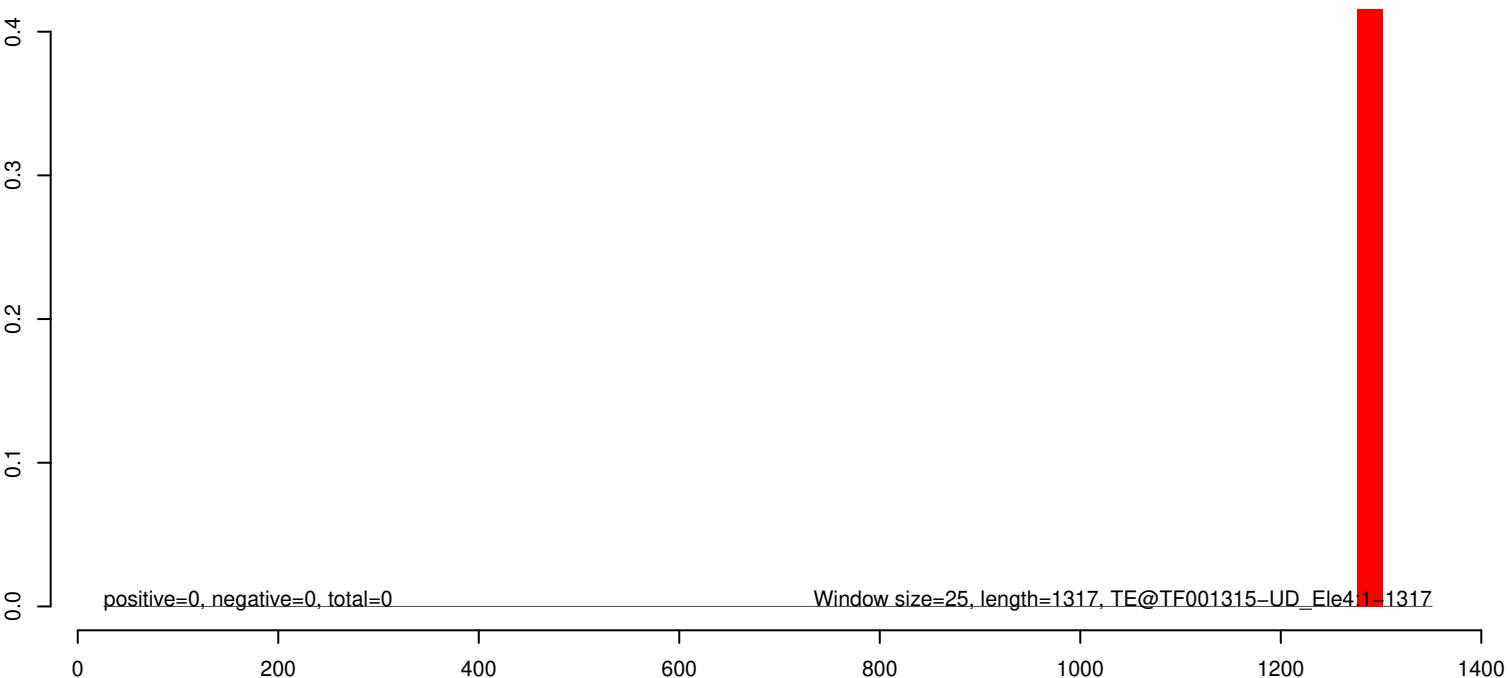
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



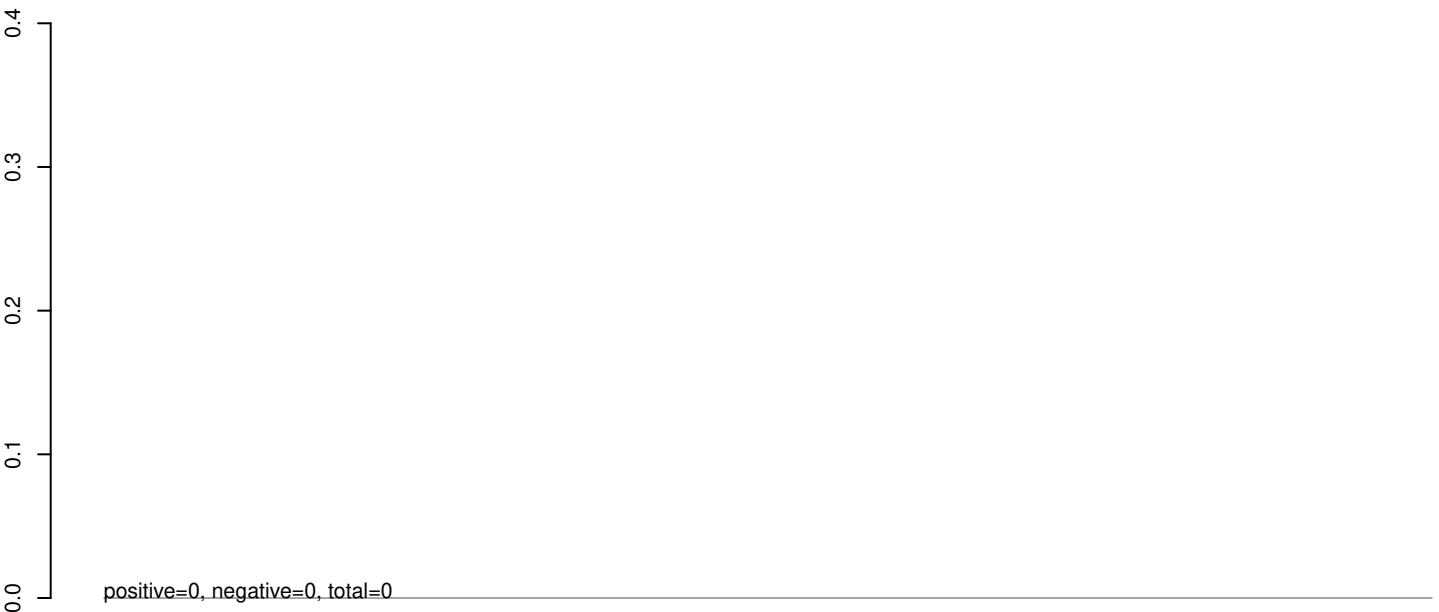
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



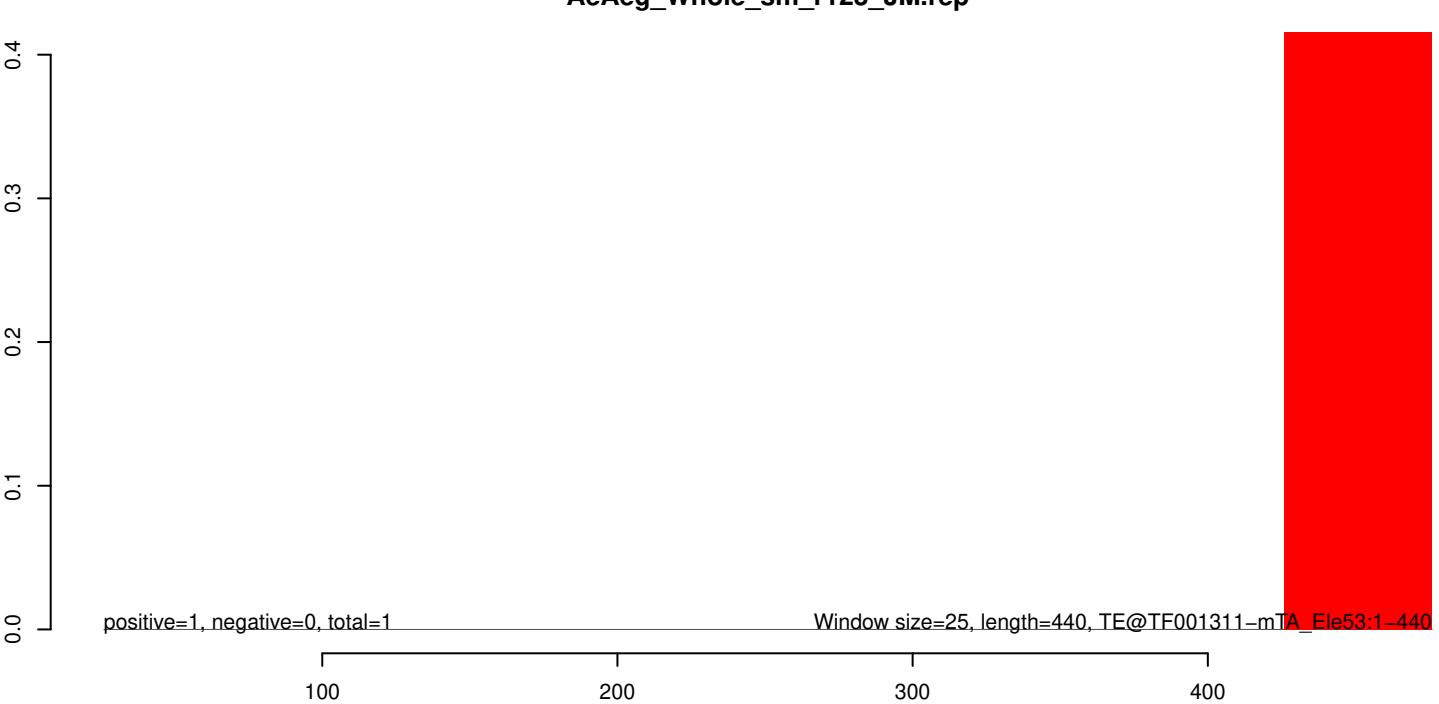
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



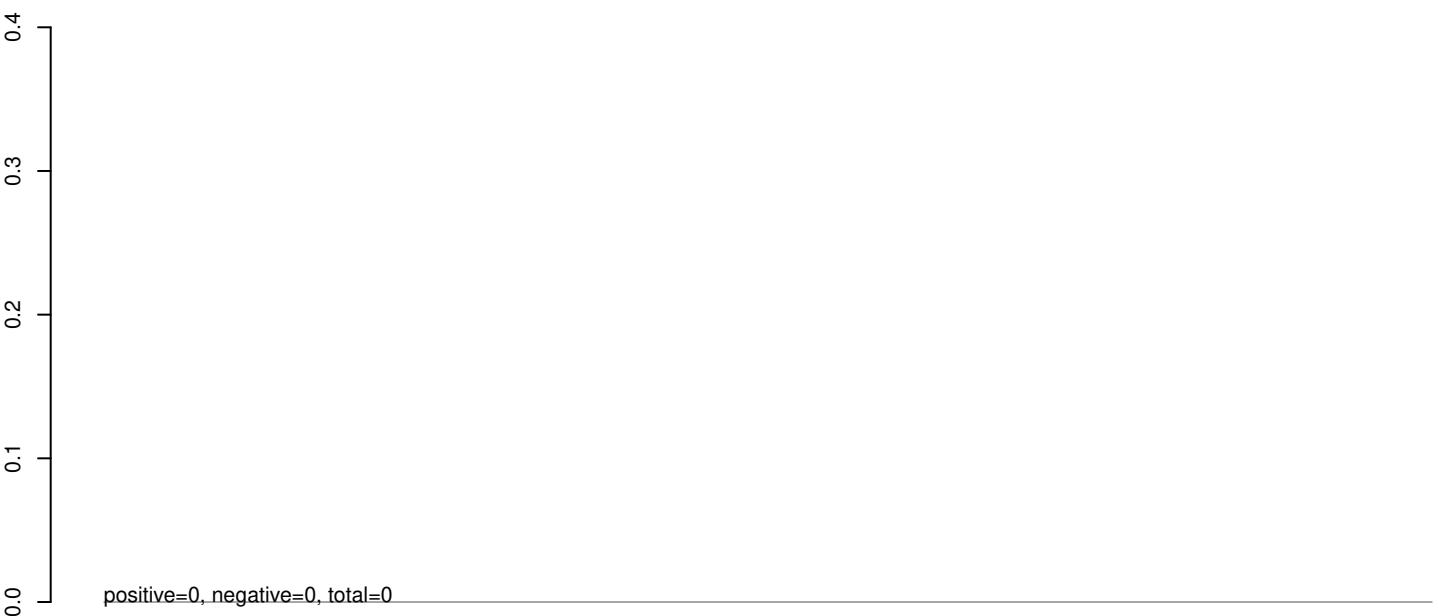
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



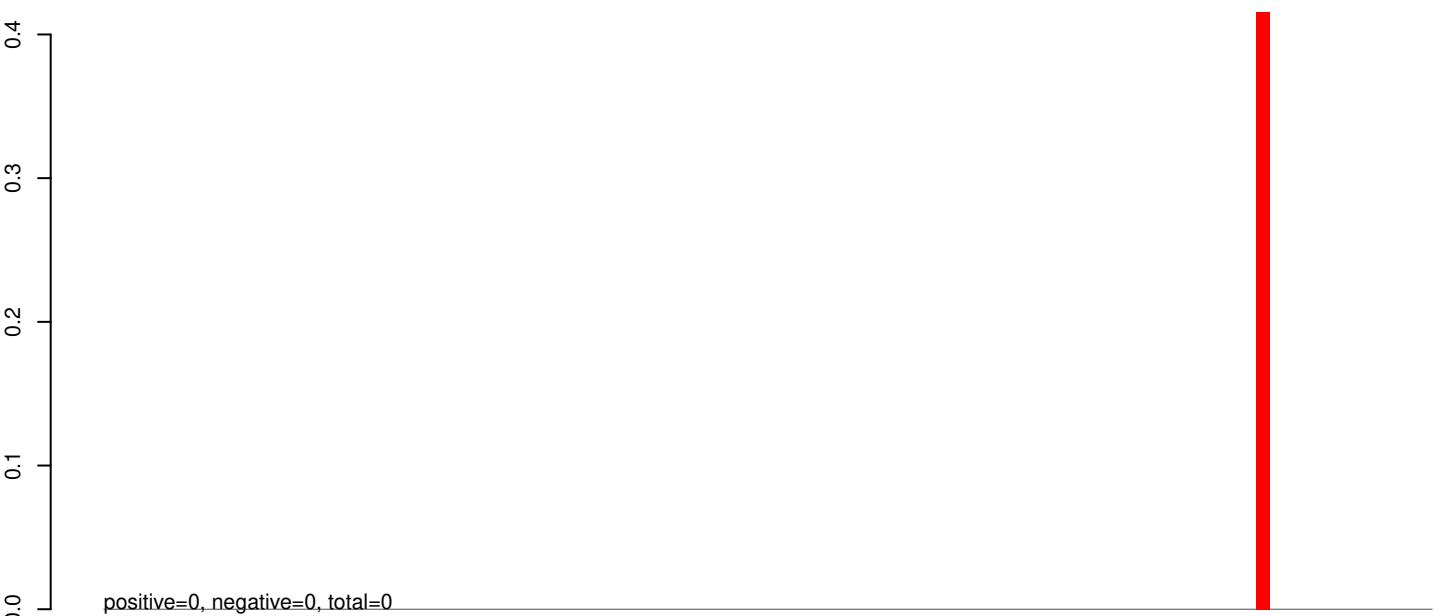
### AeAeg\_Whole\_sm\_r123\_JM.rep



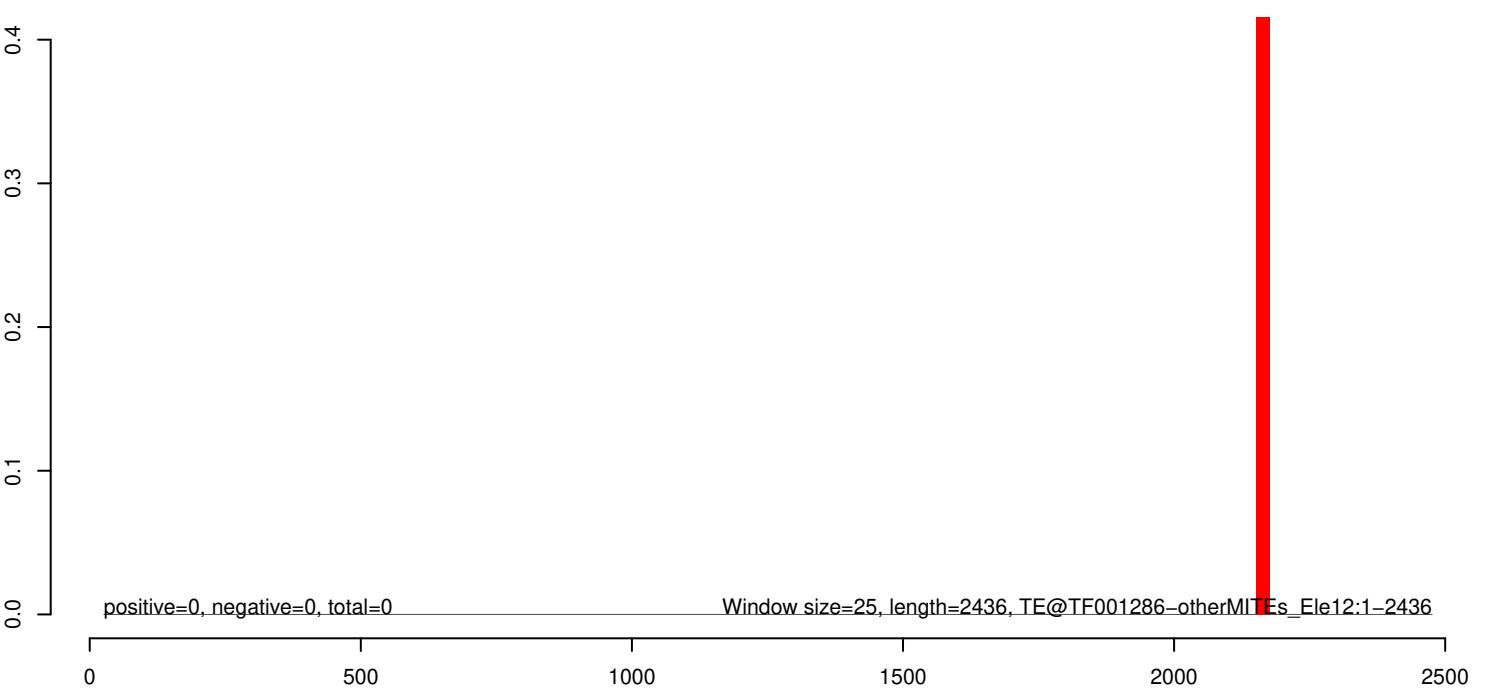
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



positive=1, negative=0, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=1, negative=0, total=1

Window size=25, length=420, TE@TF001275-m8bp\_Ele17:1-420

100 200 300 400

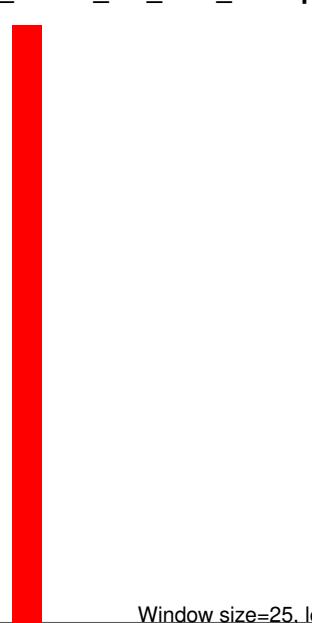
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=1, negative=0, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0



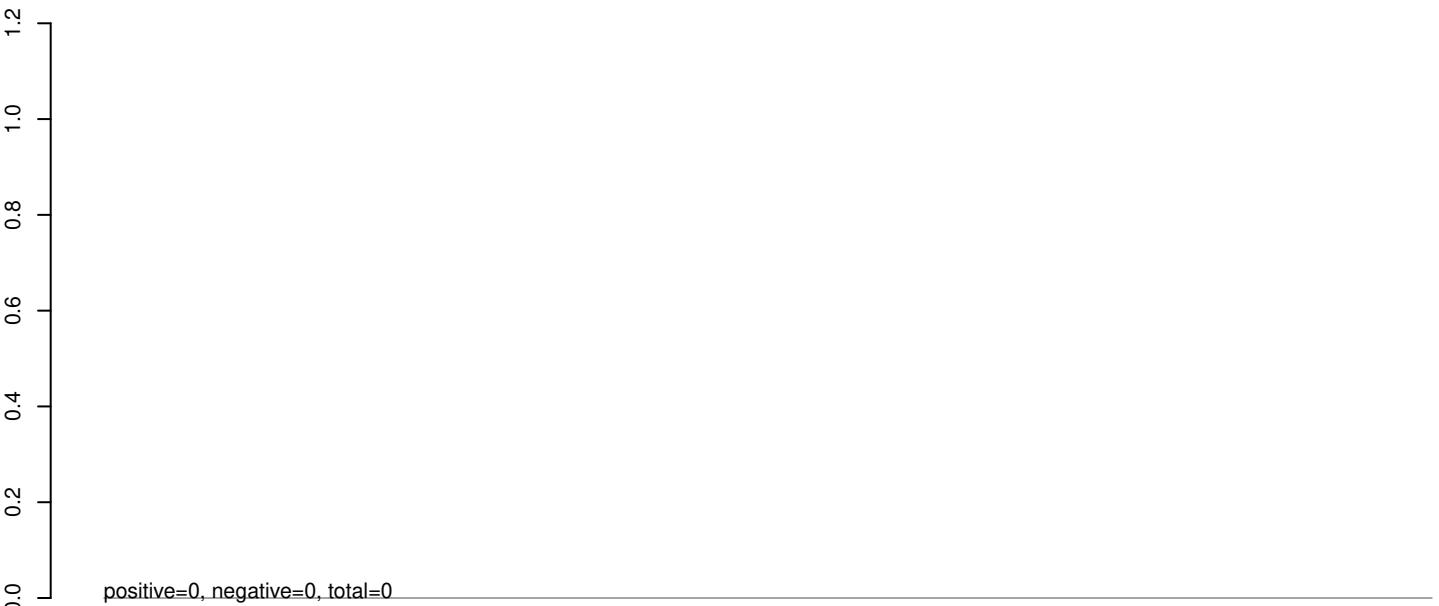
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=0, total=1

Window size=25, length=1102, TE@TF001271-mTA\_Ele43:1-1102

0 200 400 600 800 1000

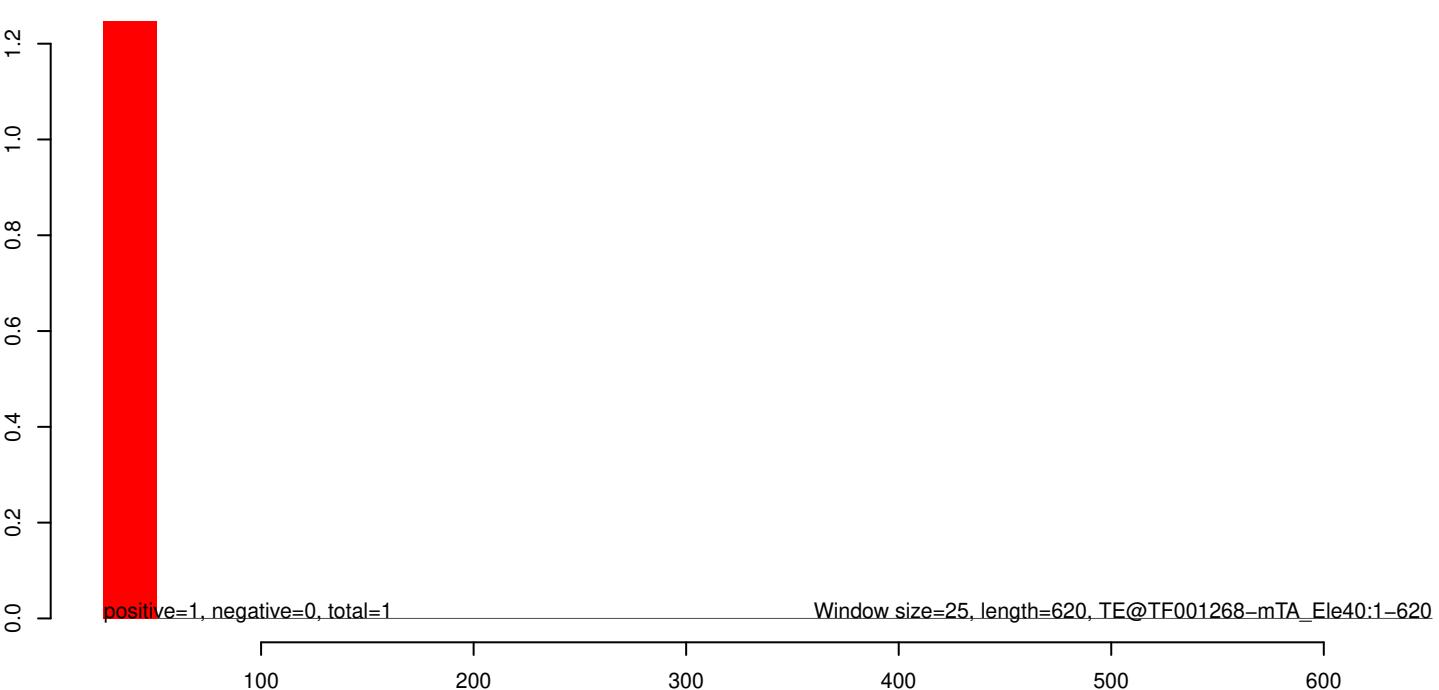
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



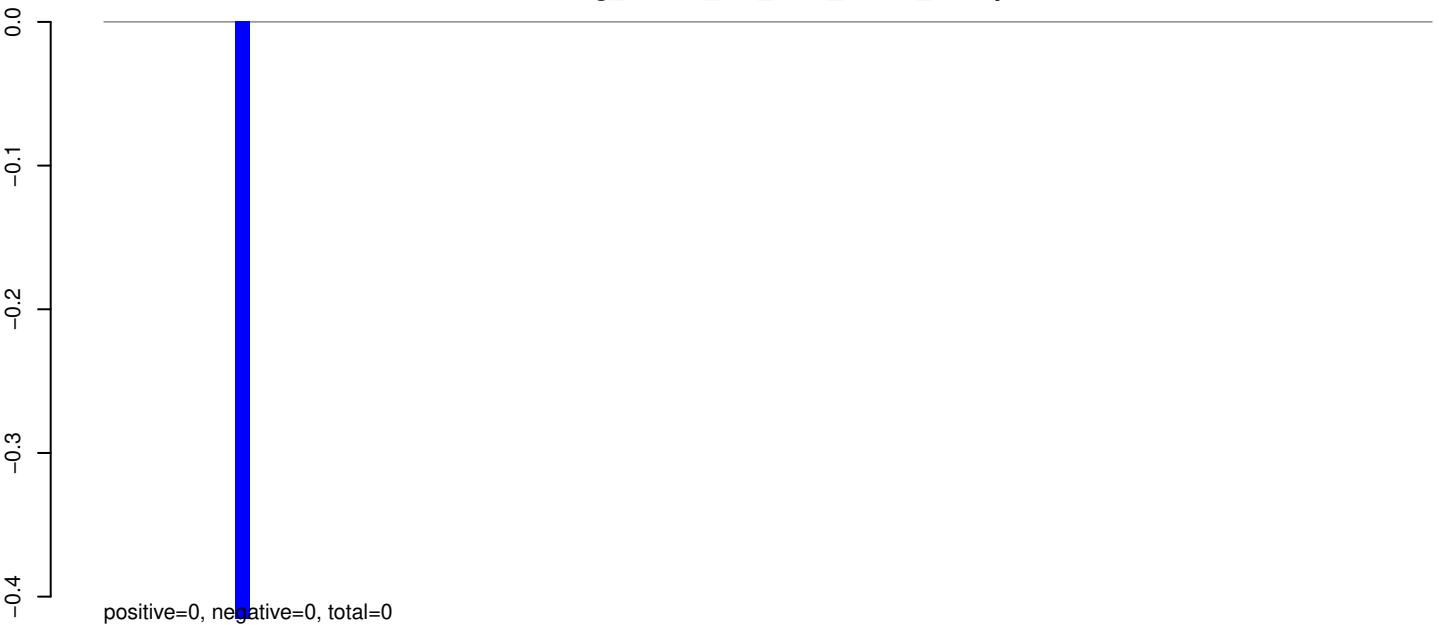
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



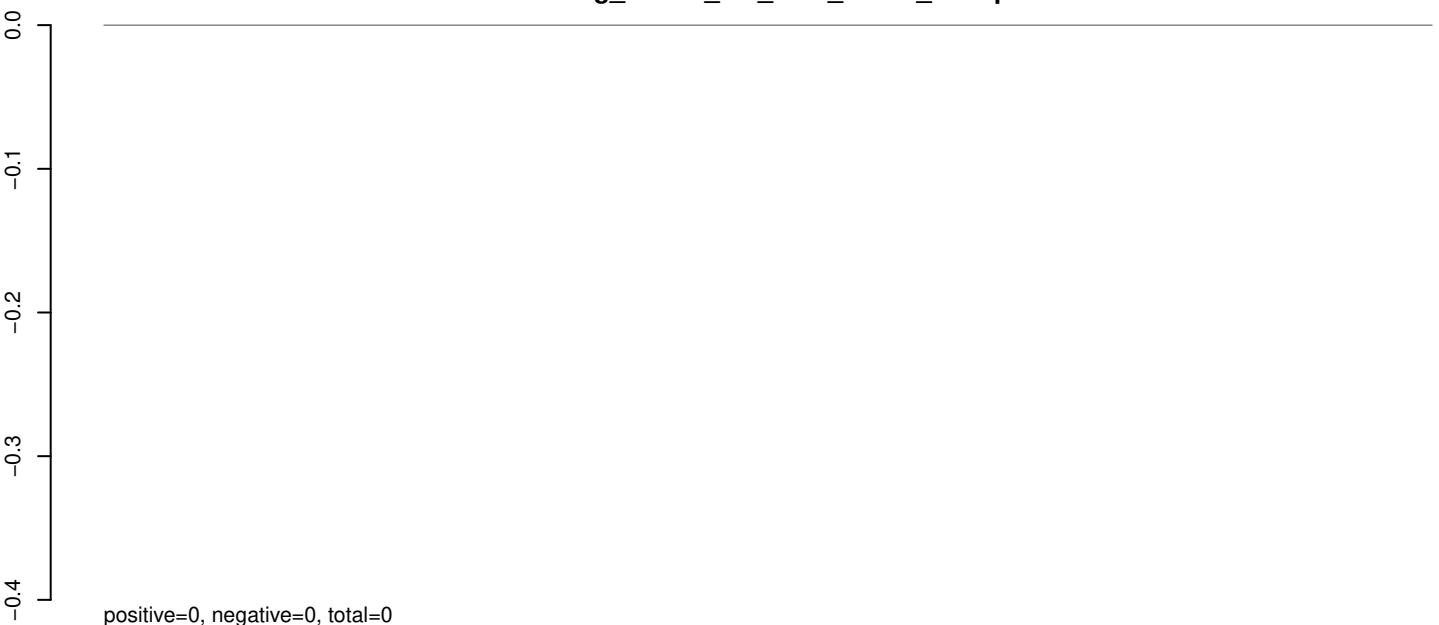
**AeAeg\_Whole\_sm\_r123\_JM.rep**



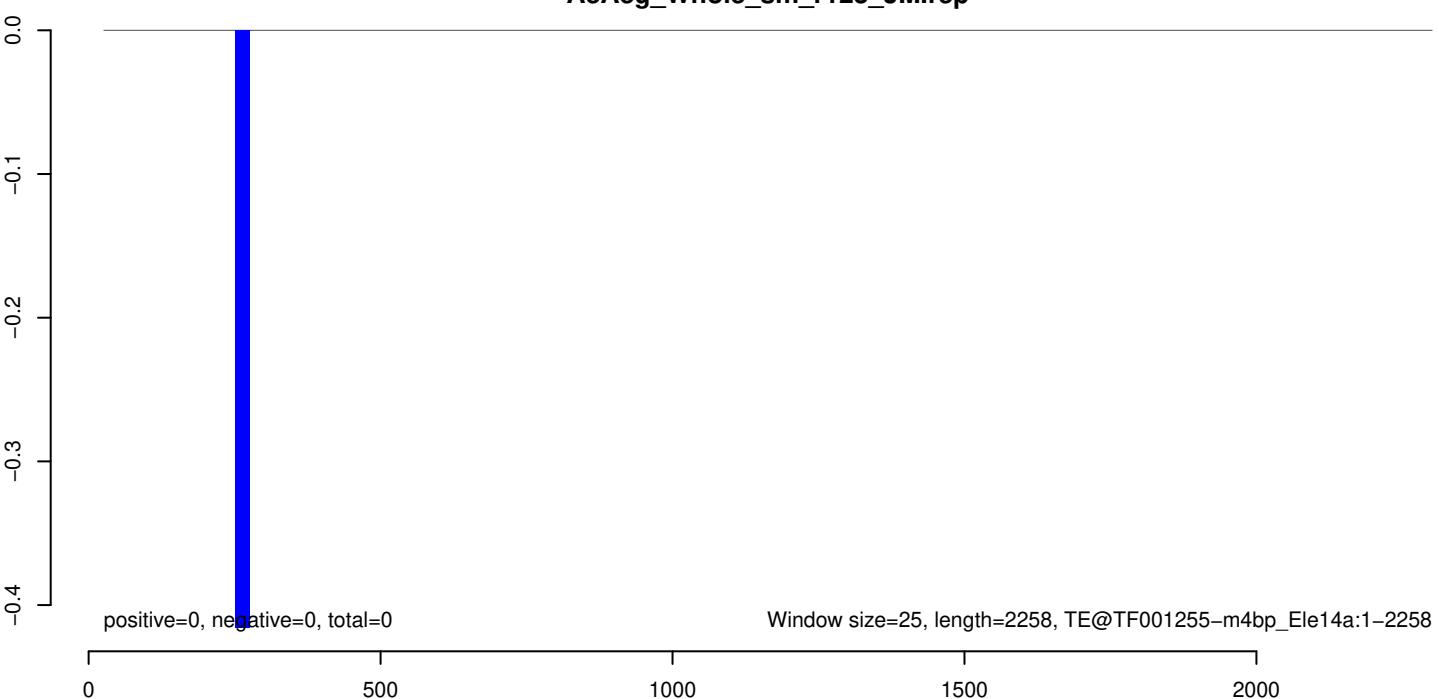
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



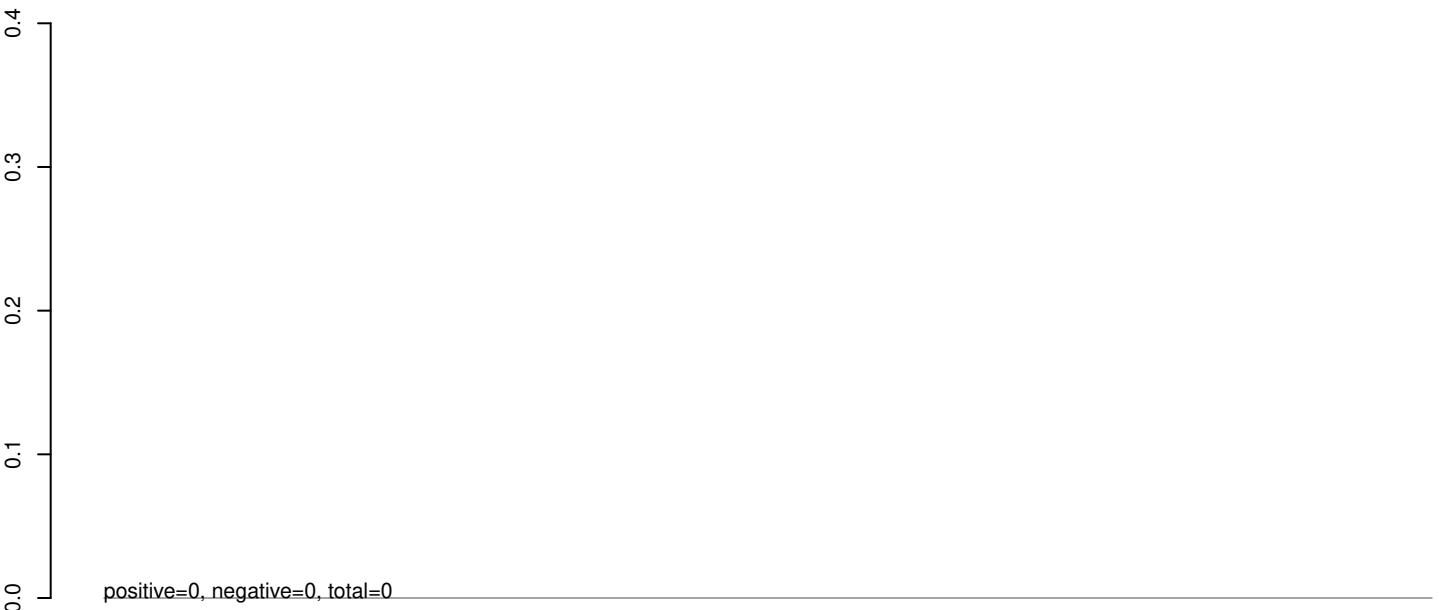
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



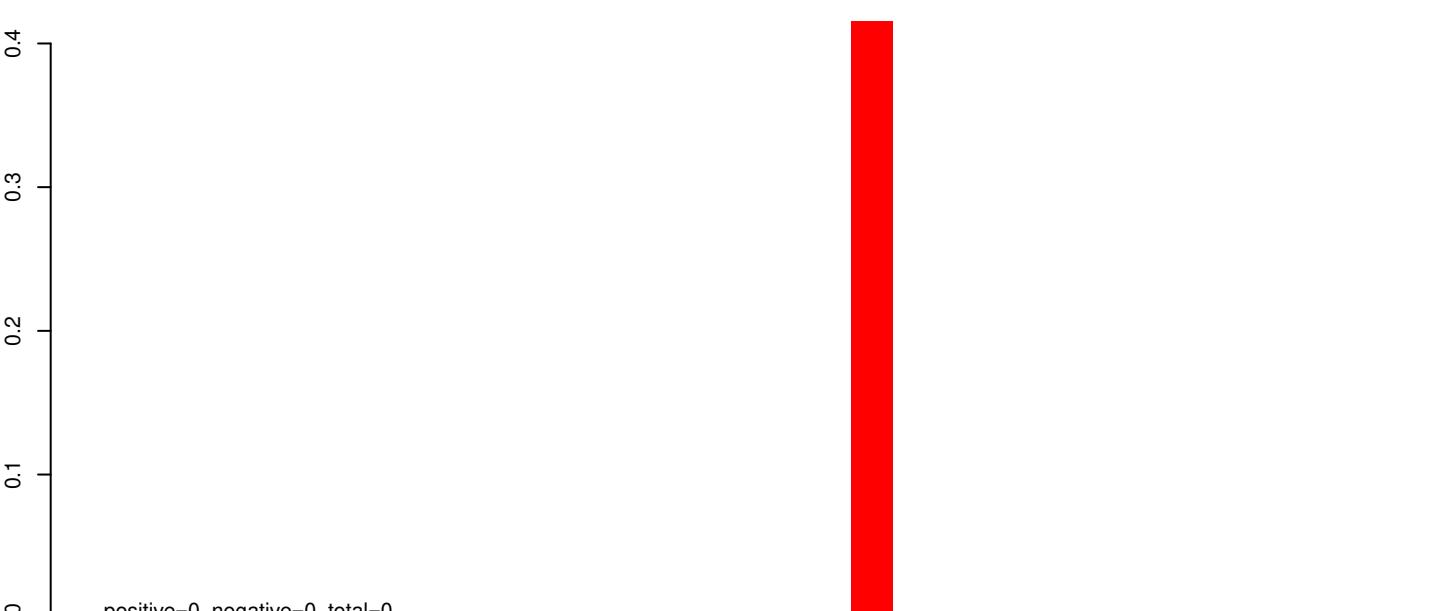
### AeAeg\_Whole\_sm\_r123\_JM.rep



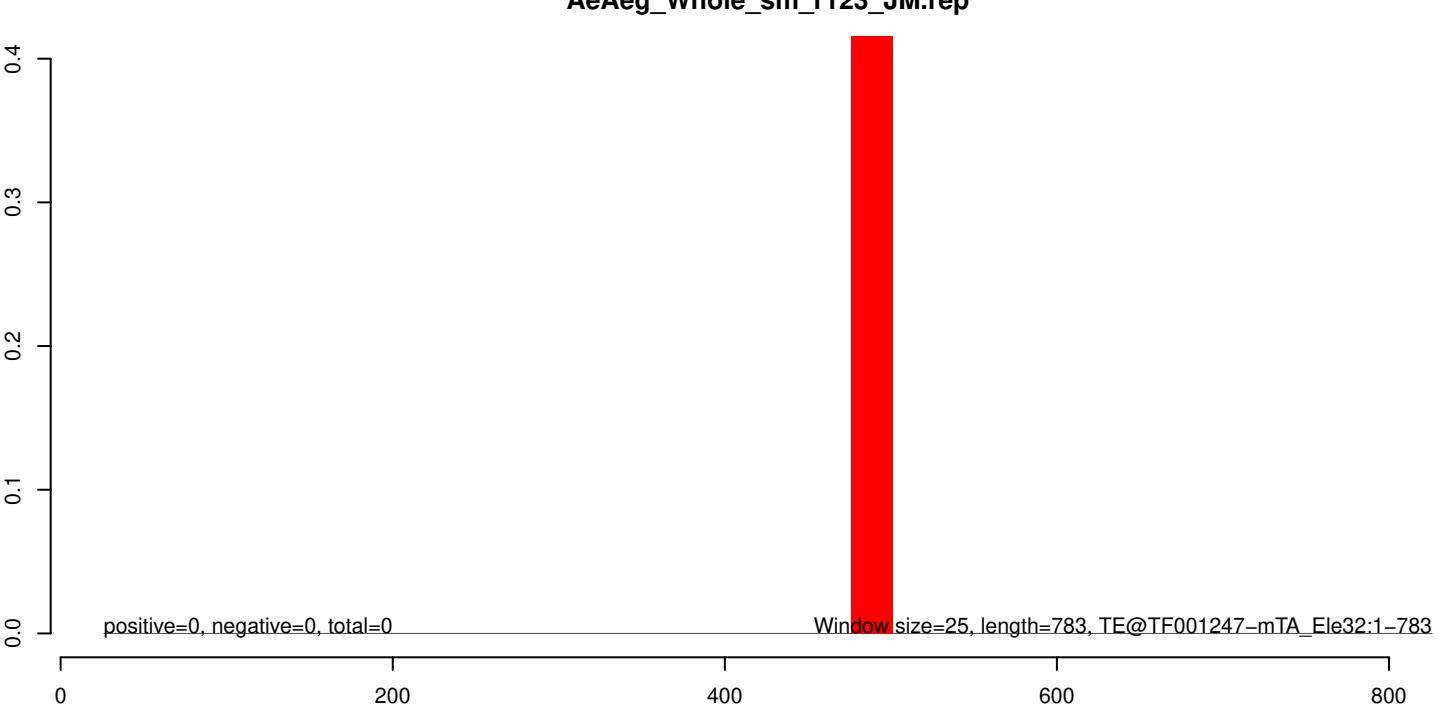
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

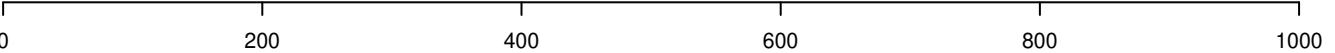
positive=0, negative=0, total=0



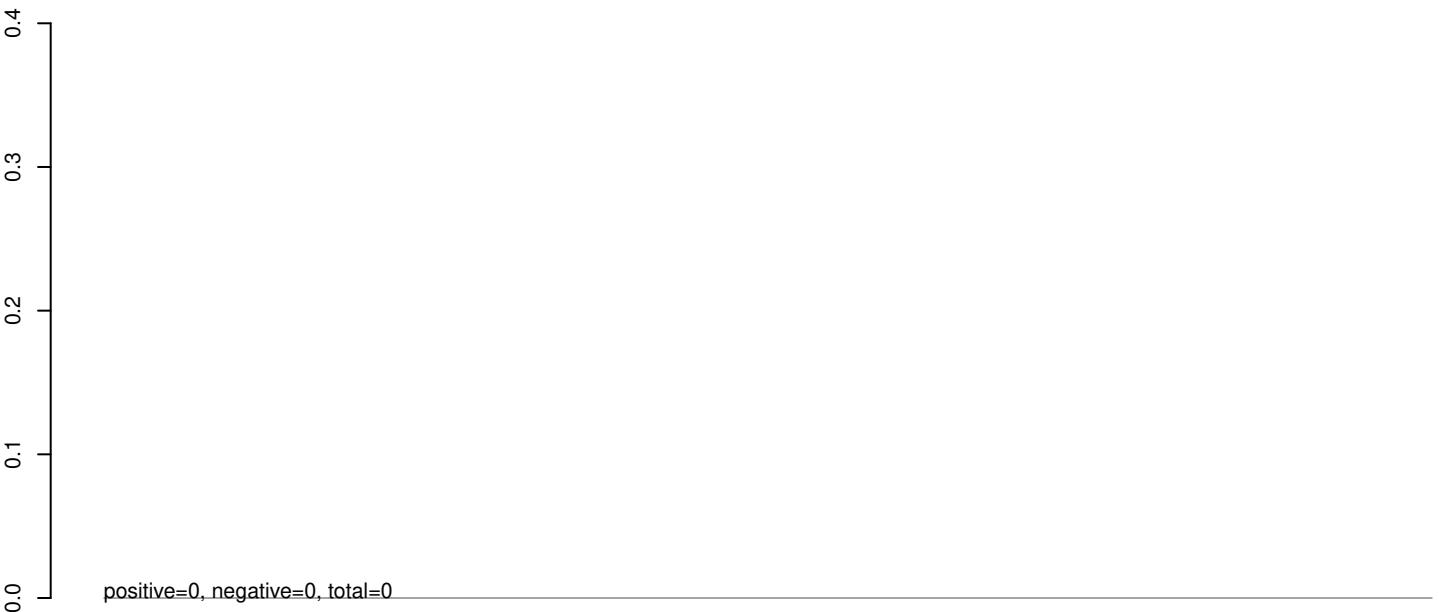
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

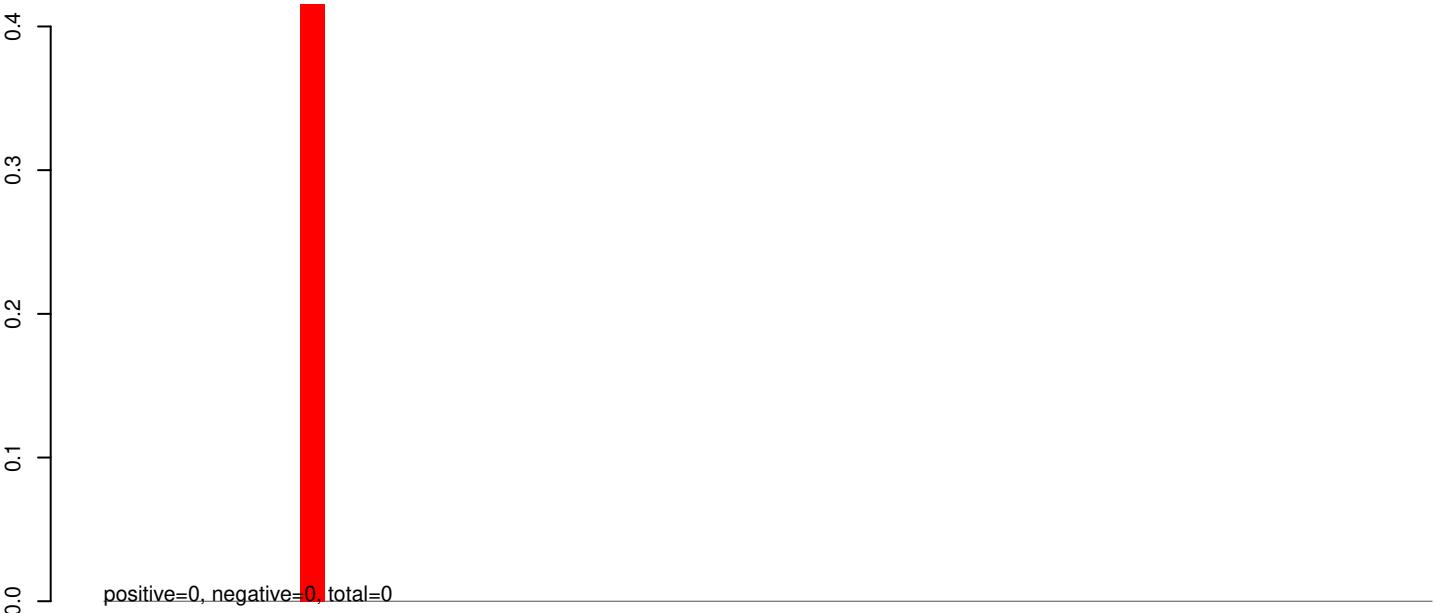
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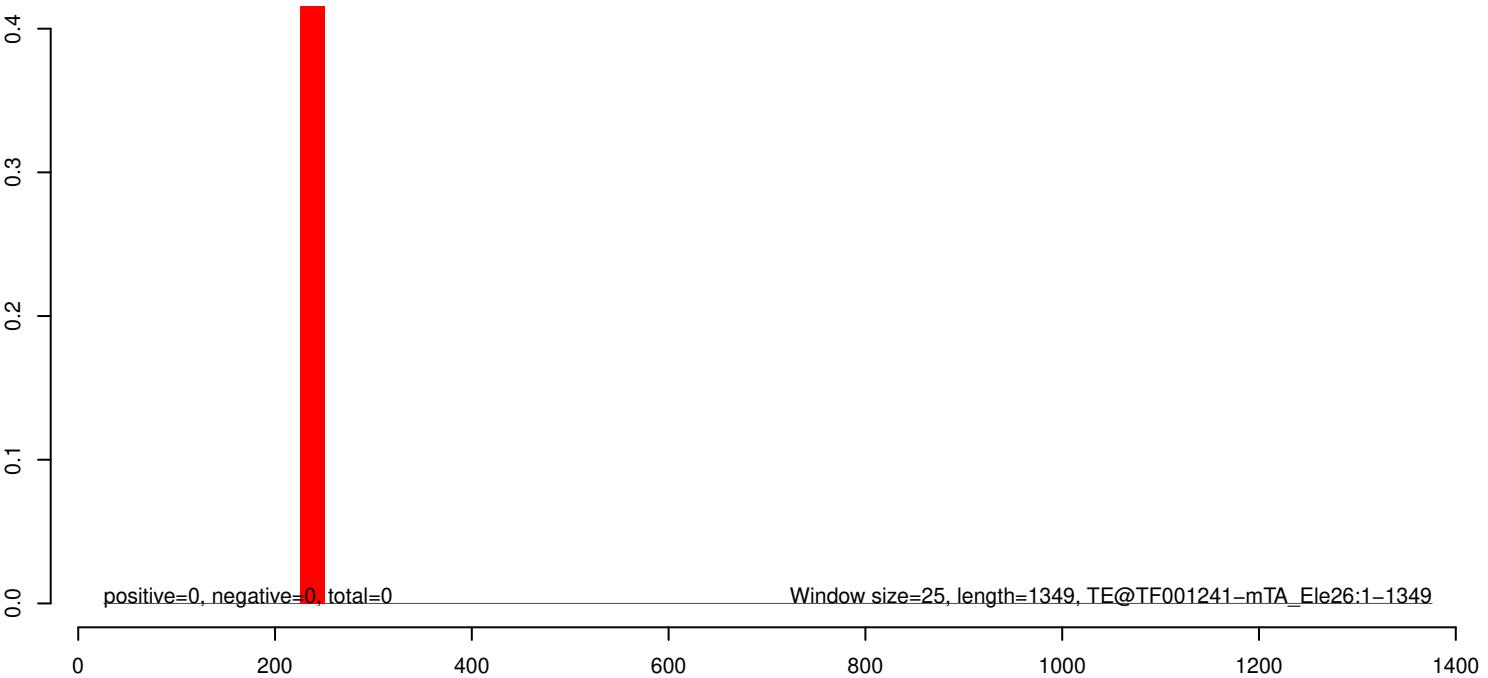
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



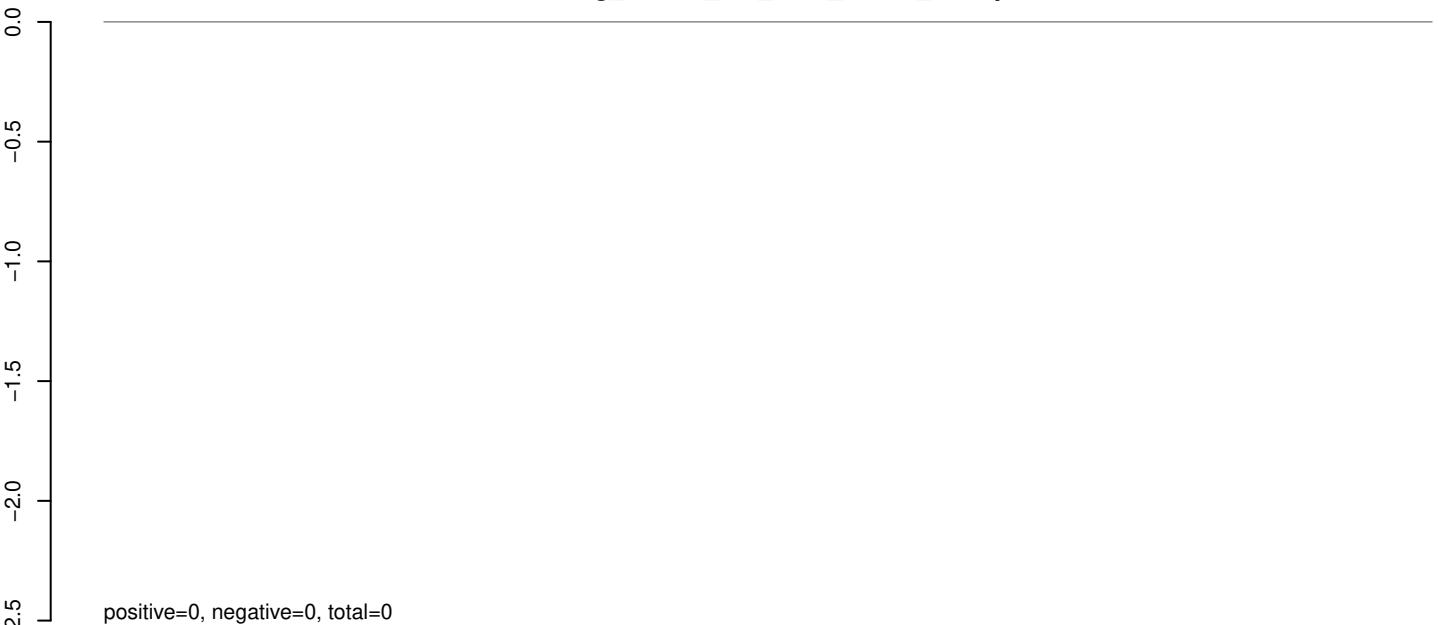
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



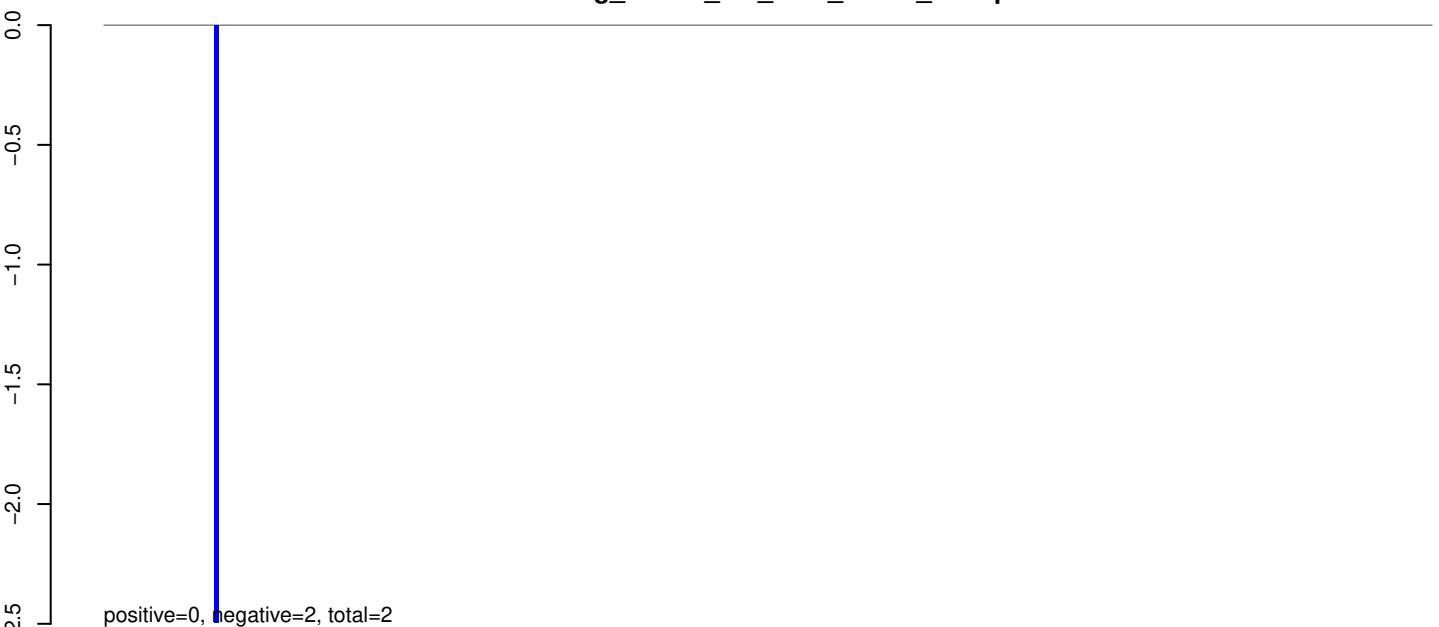
**AeAeg\_Whole\_sm\_r123\_JM.rep**



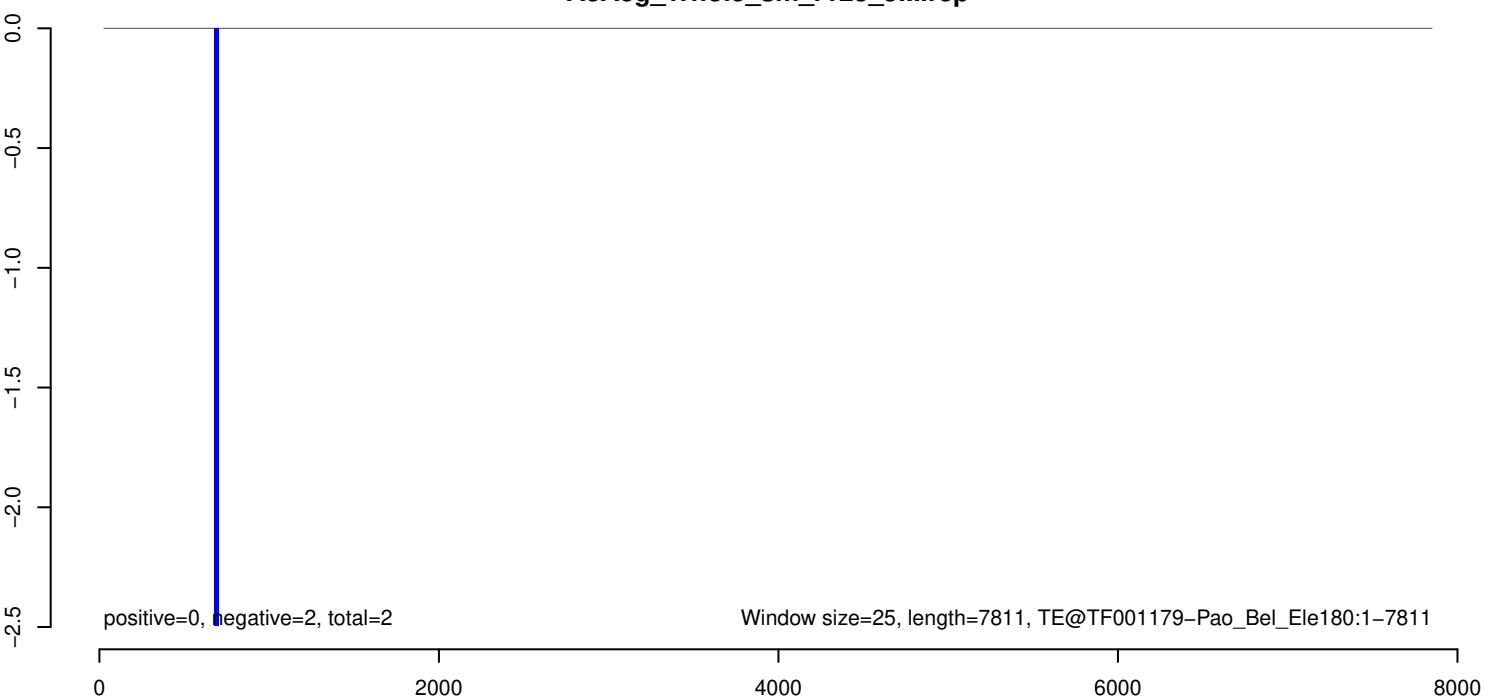
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



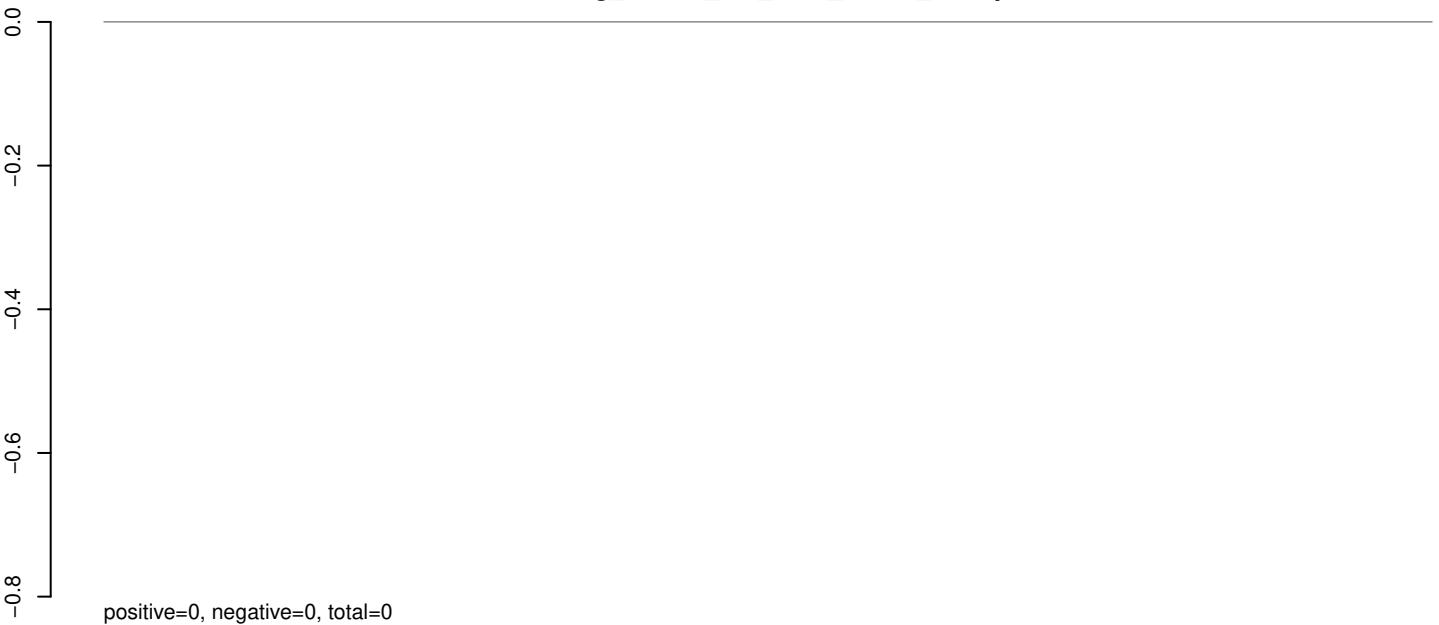
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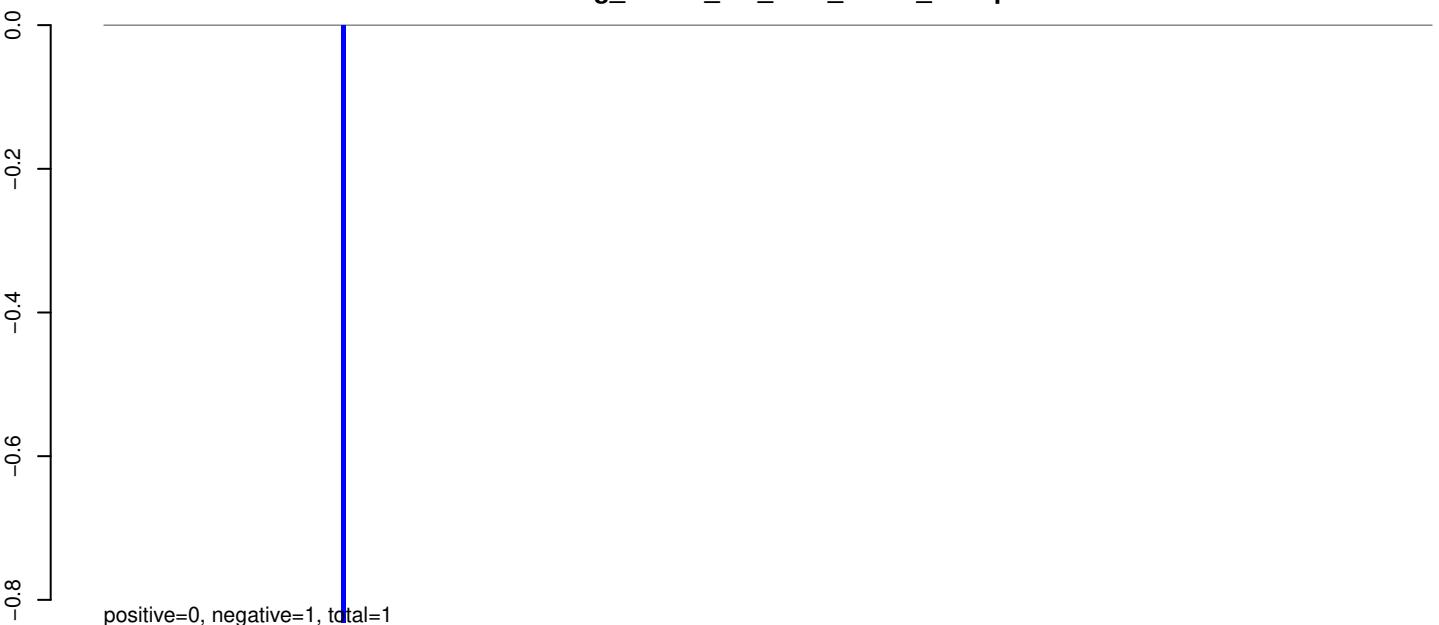
### AeAeg\_Whole\_sm\_r123\_JM.rep



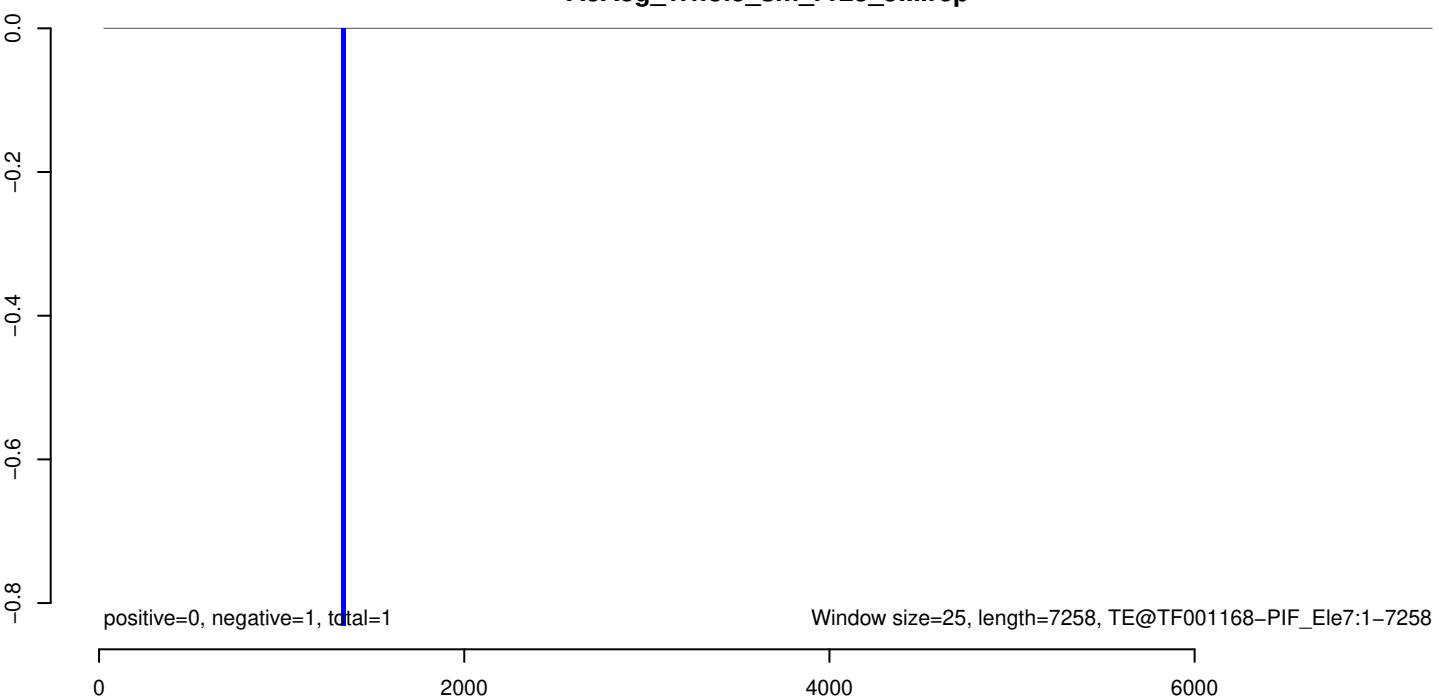
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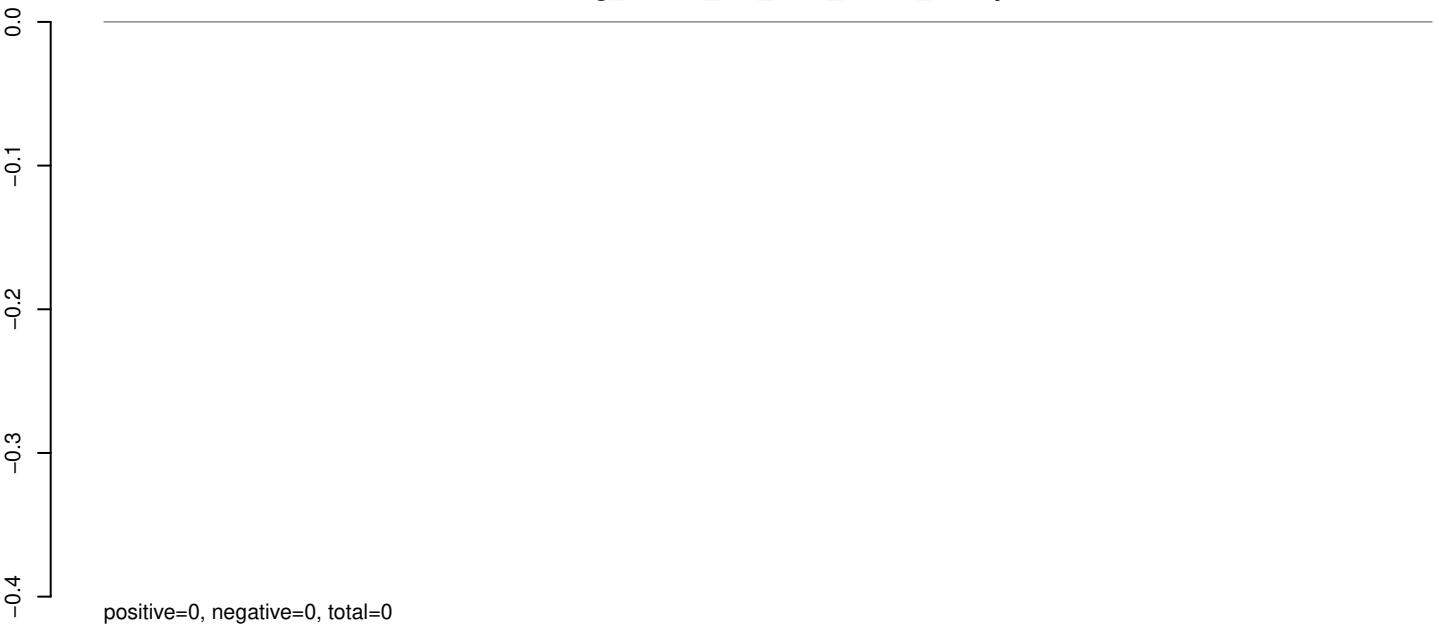
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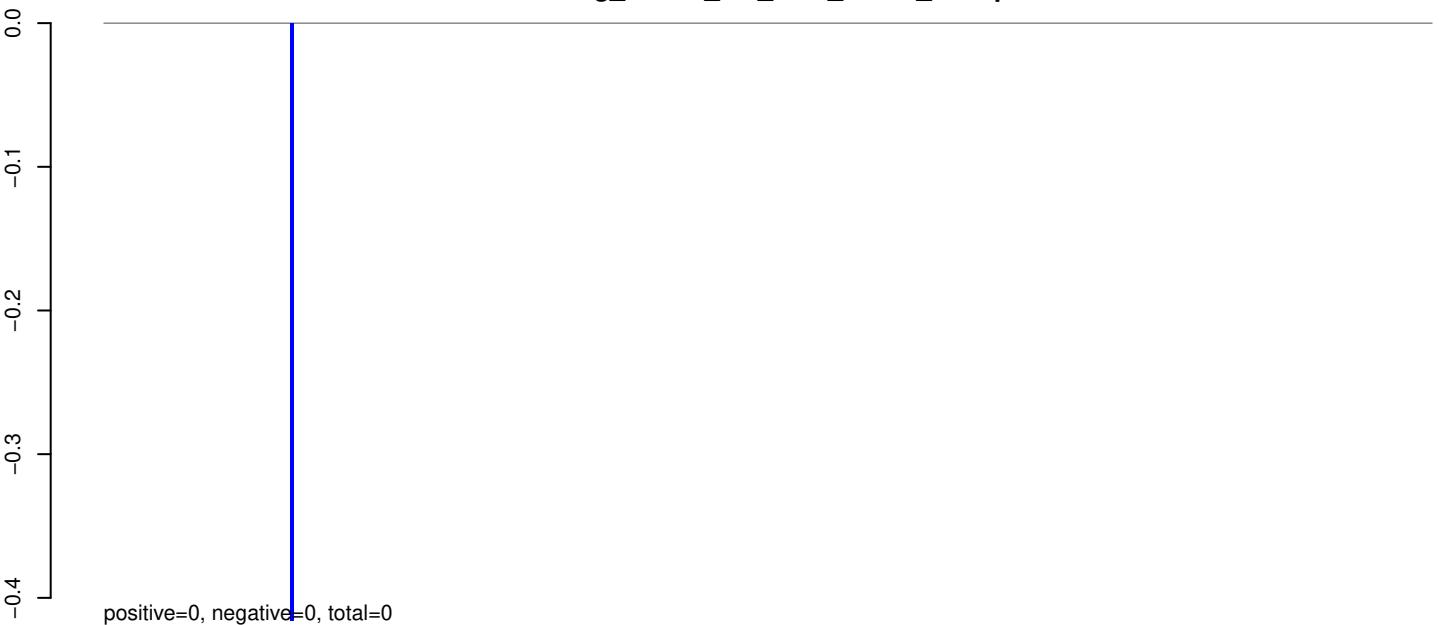
### AeAeg\_Whole\_sm\_r123\_JM.rep



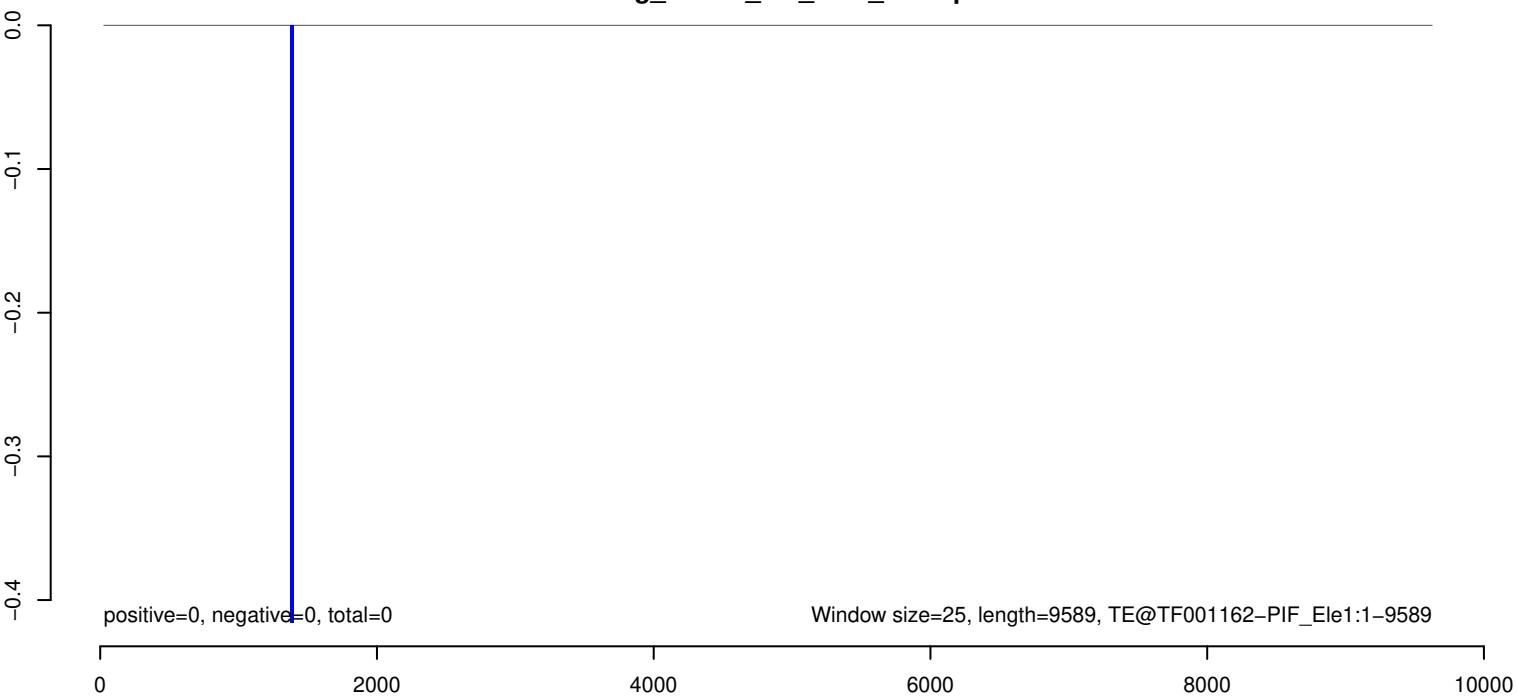
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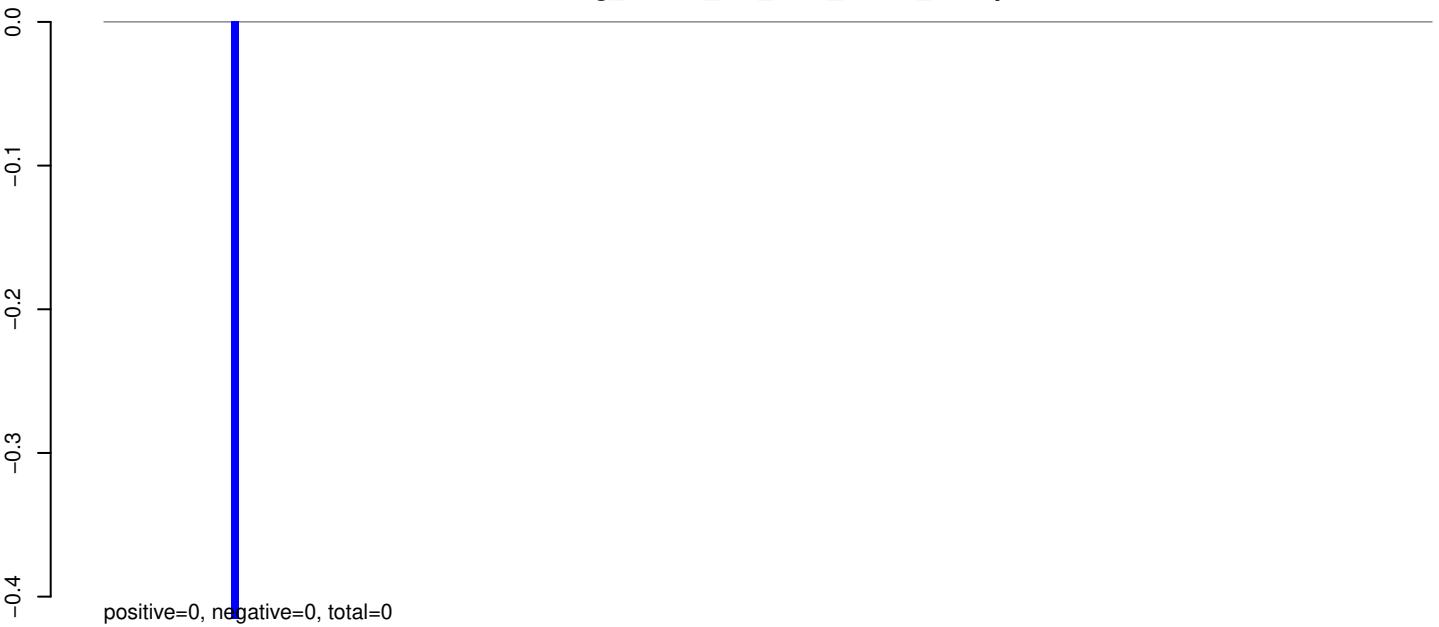
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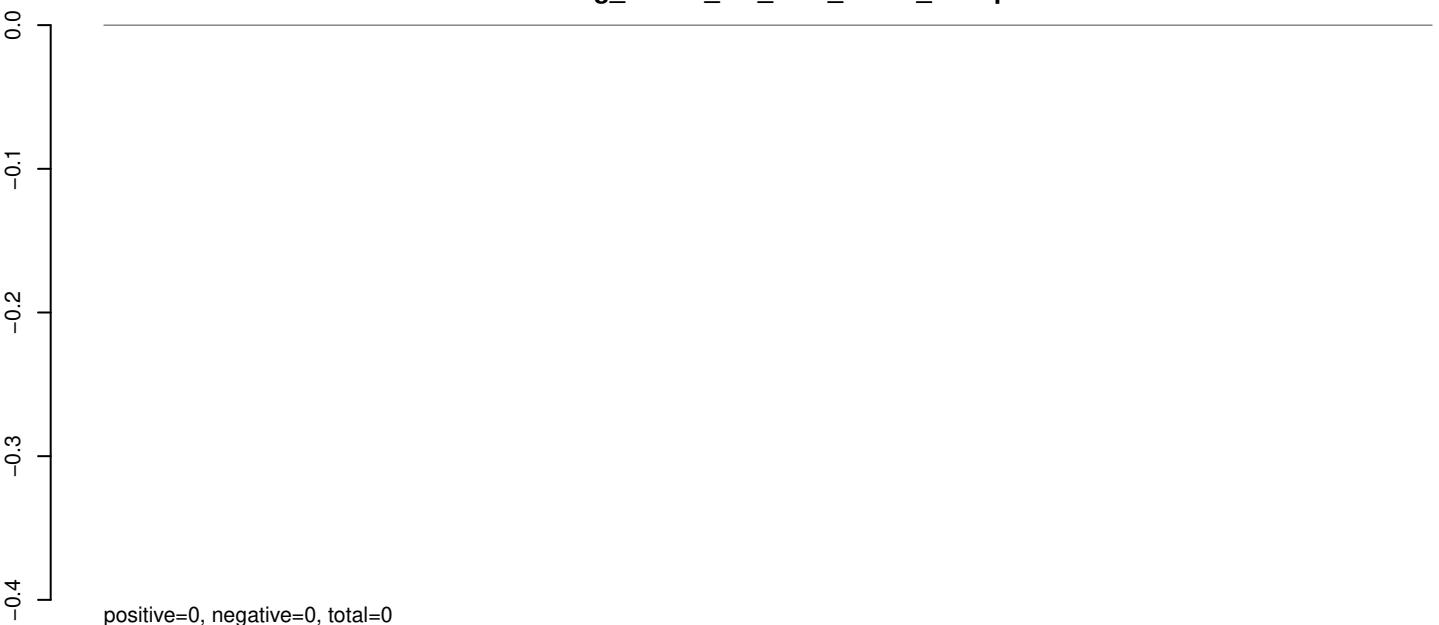
### AeAeg\_Whole\_sm\_r123\_JM.rep



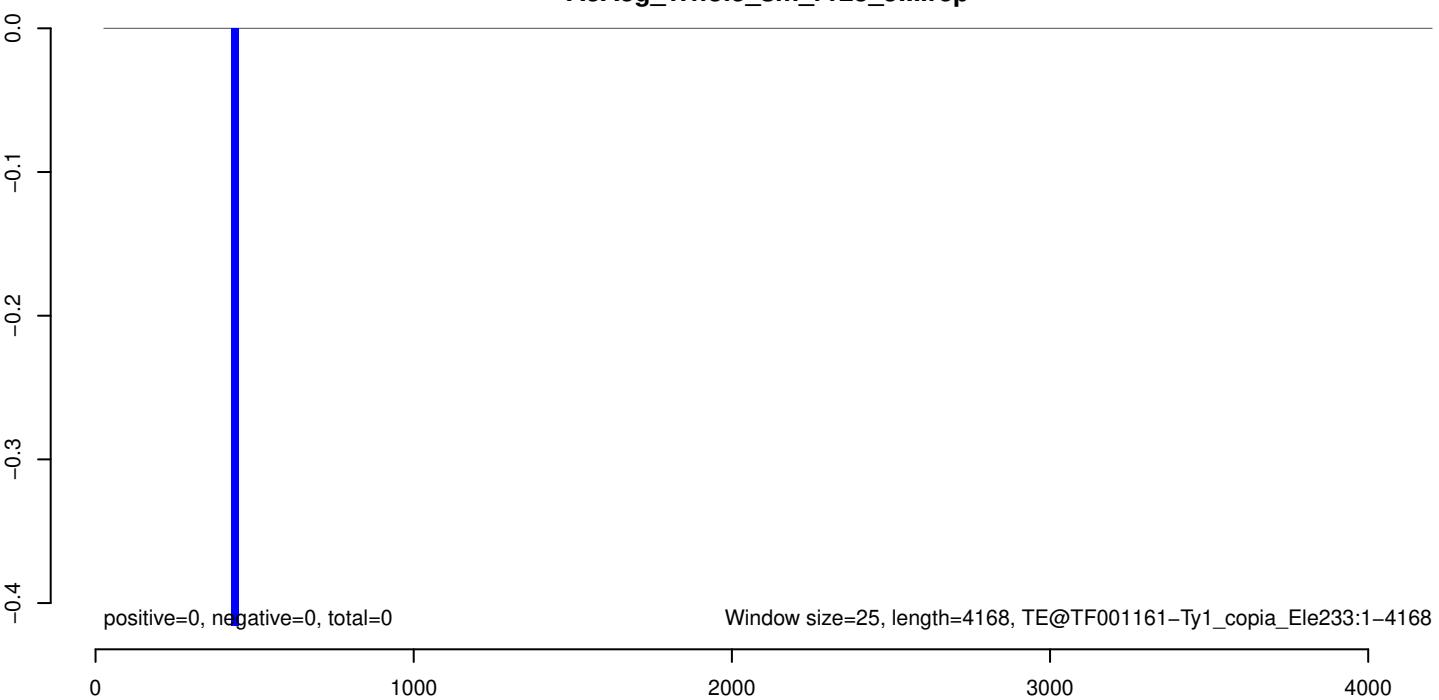
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

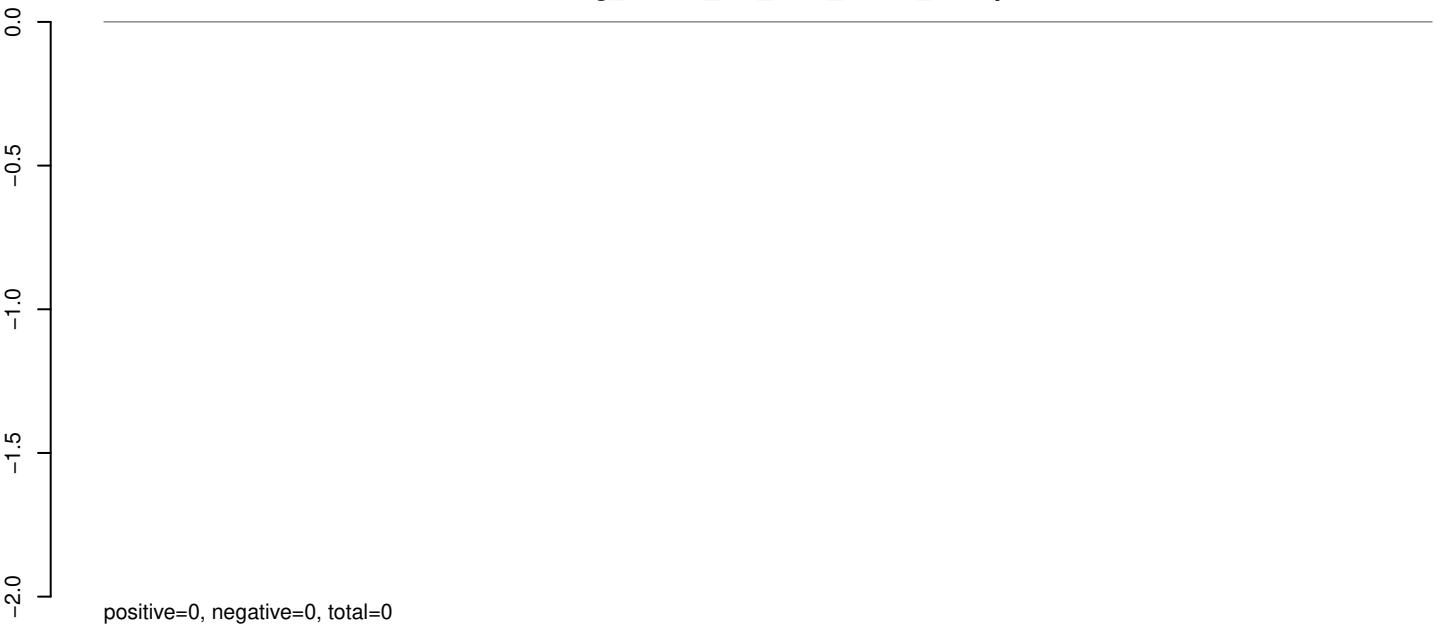
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positive=0, negative=1, total=1

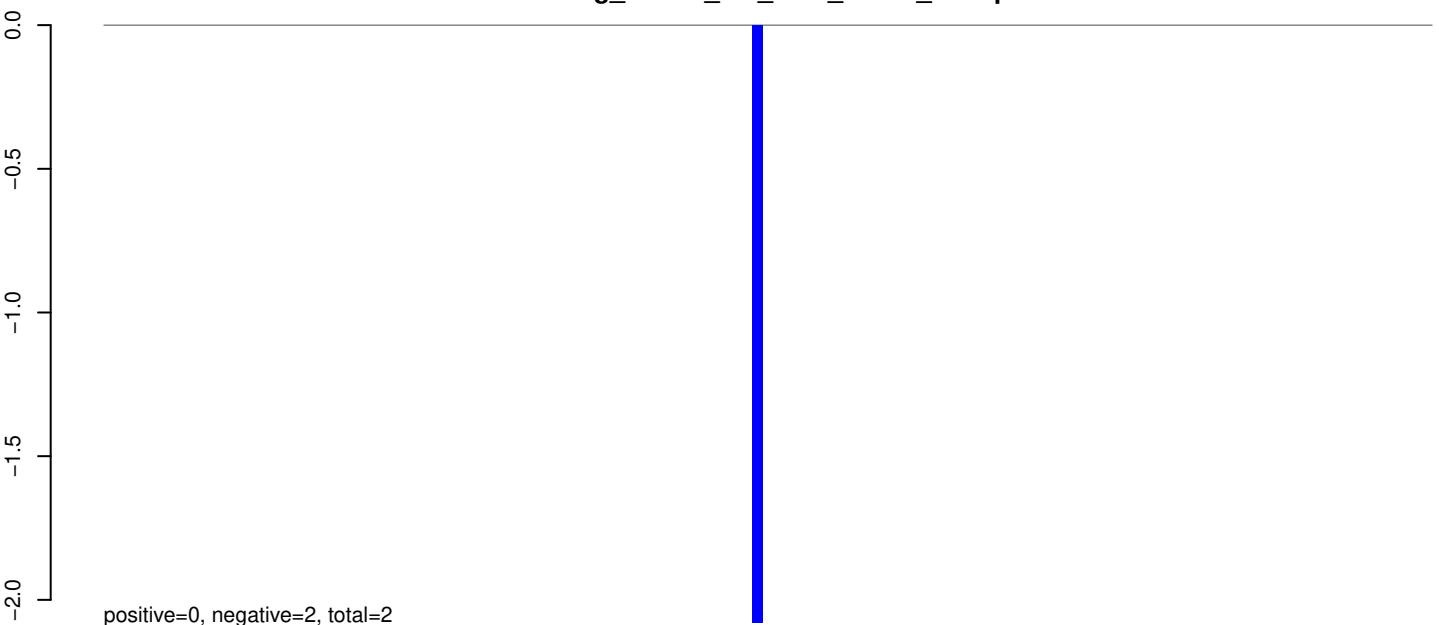
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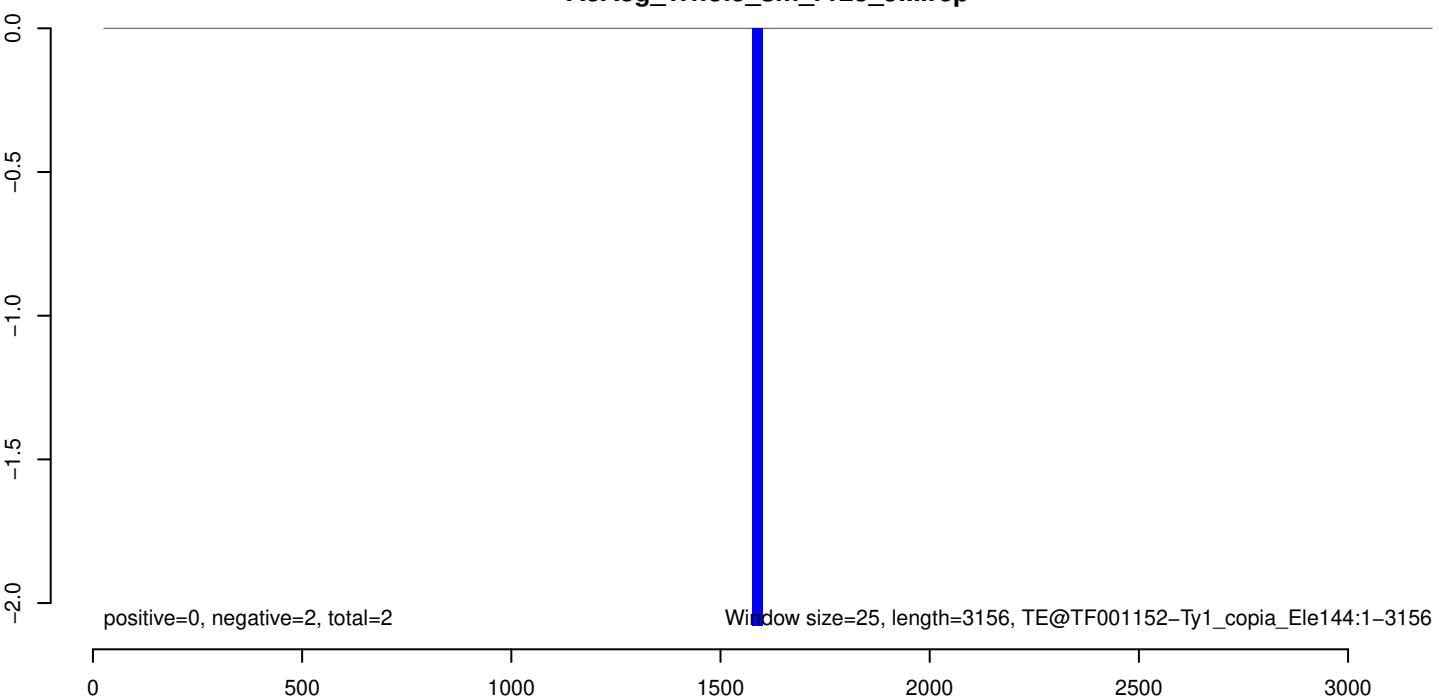
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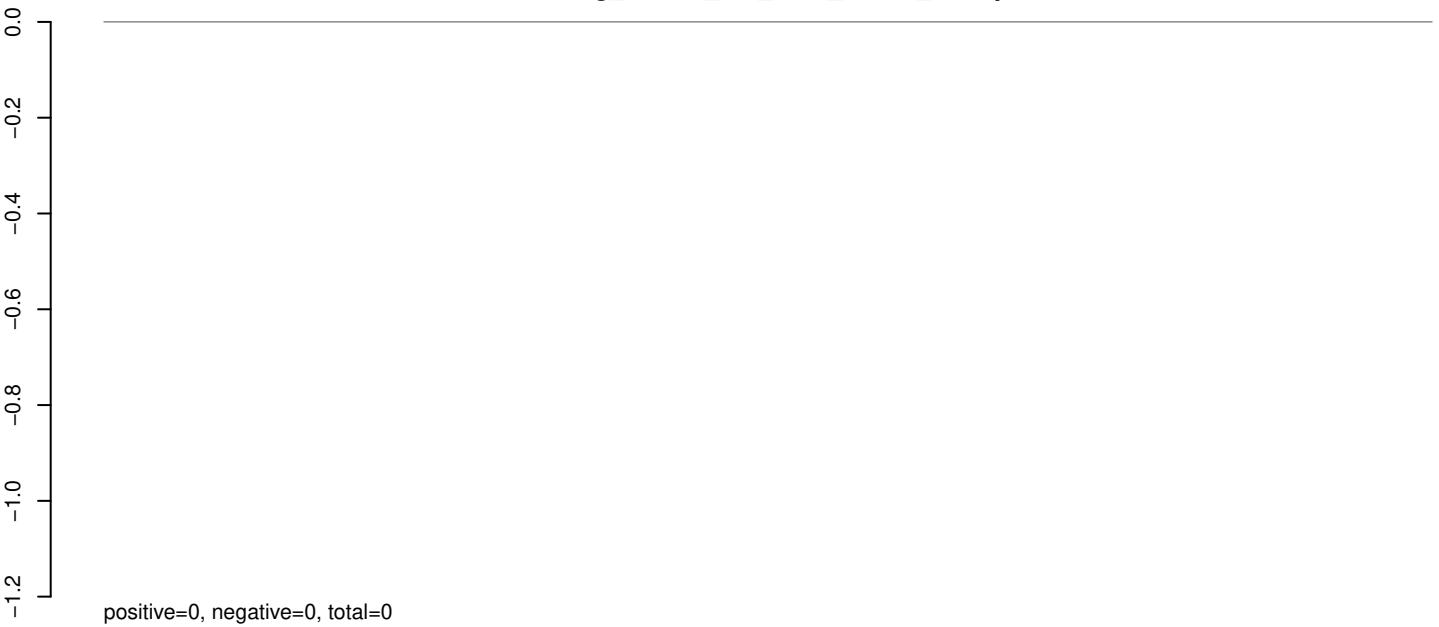
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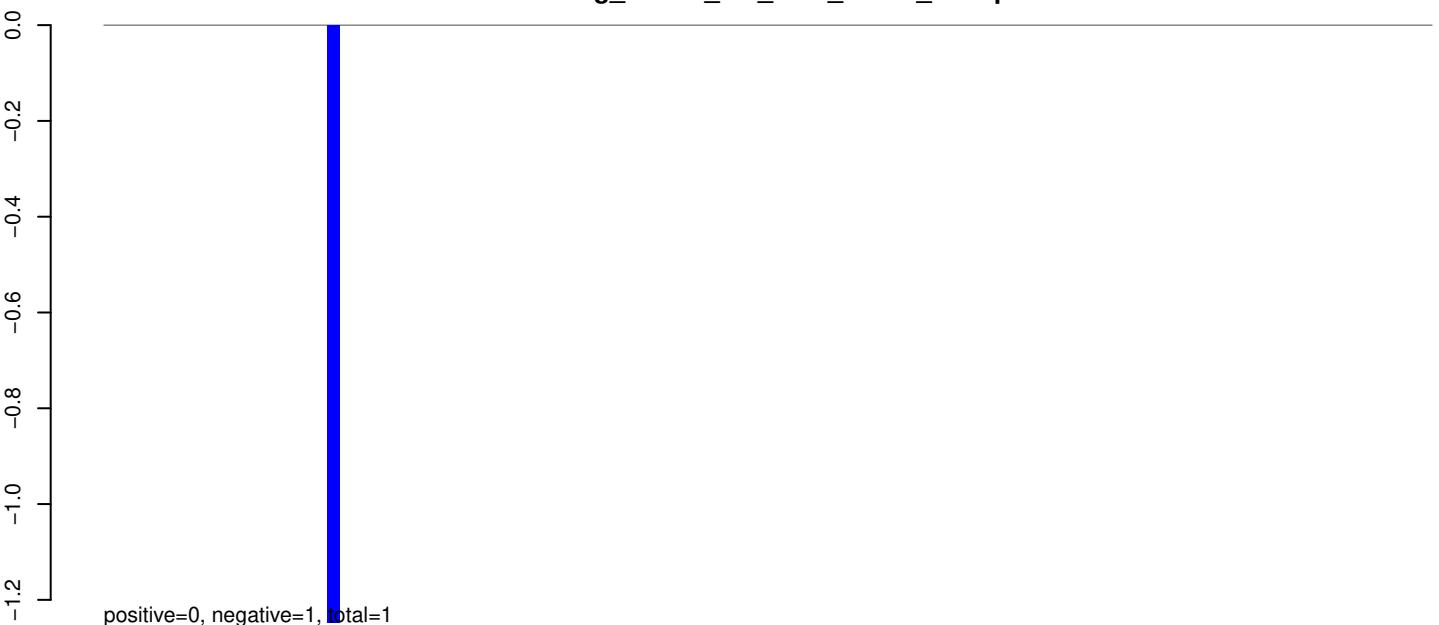
### AeAeg\_Whole\_sm\_r123\_JM.rep



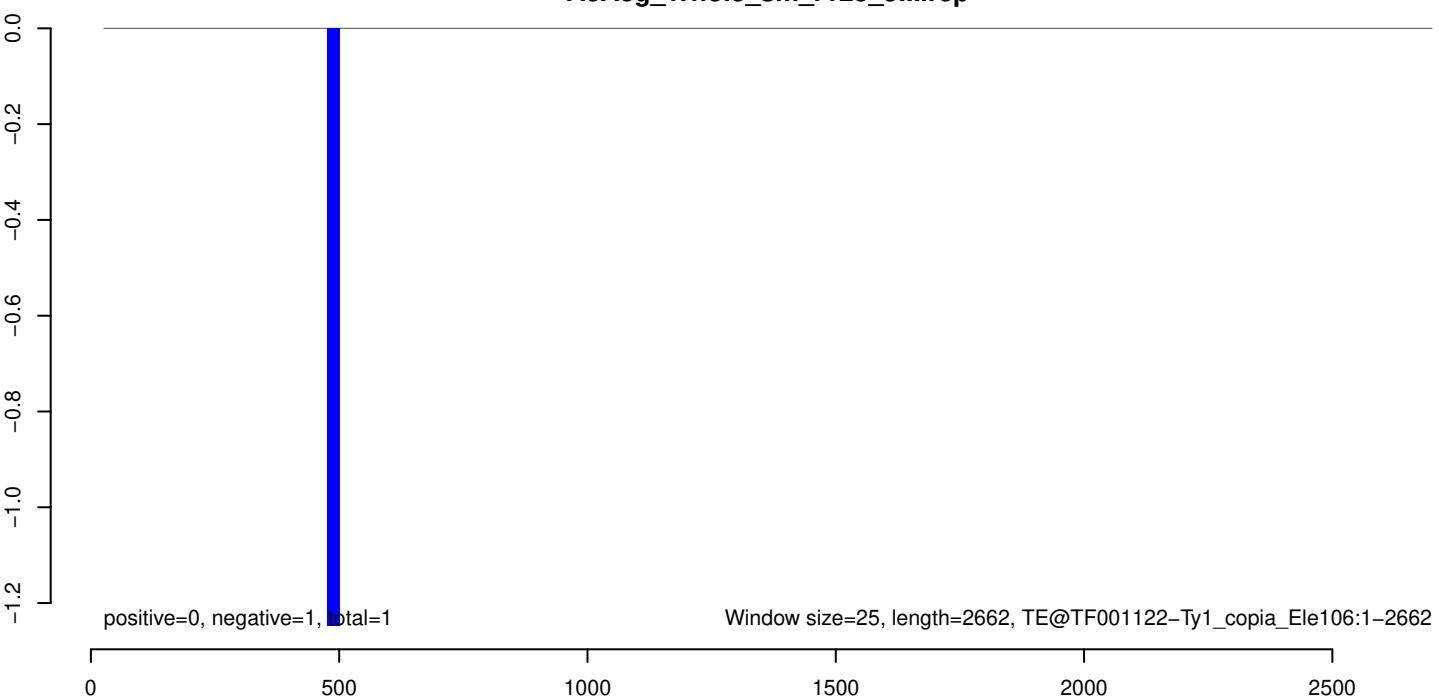
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



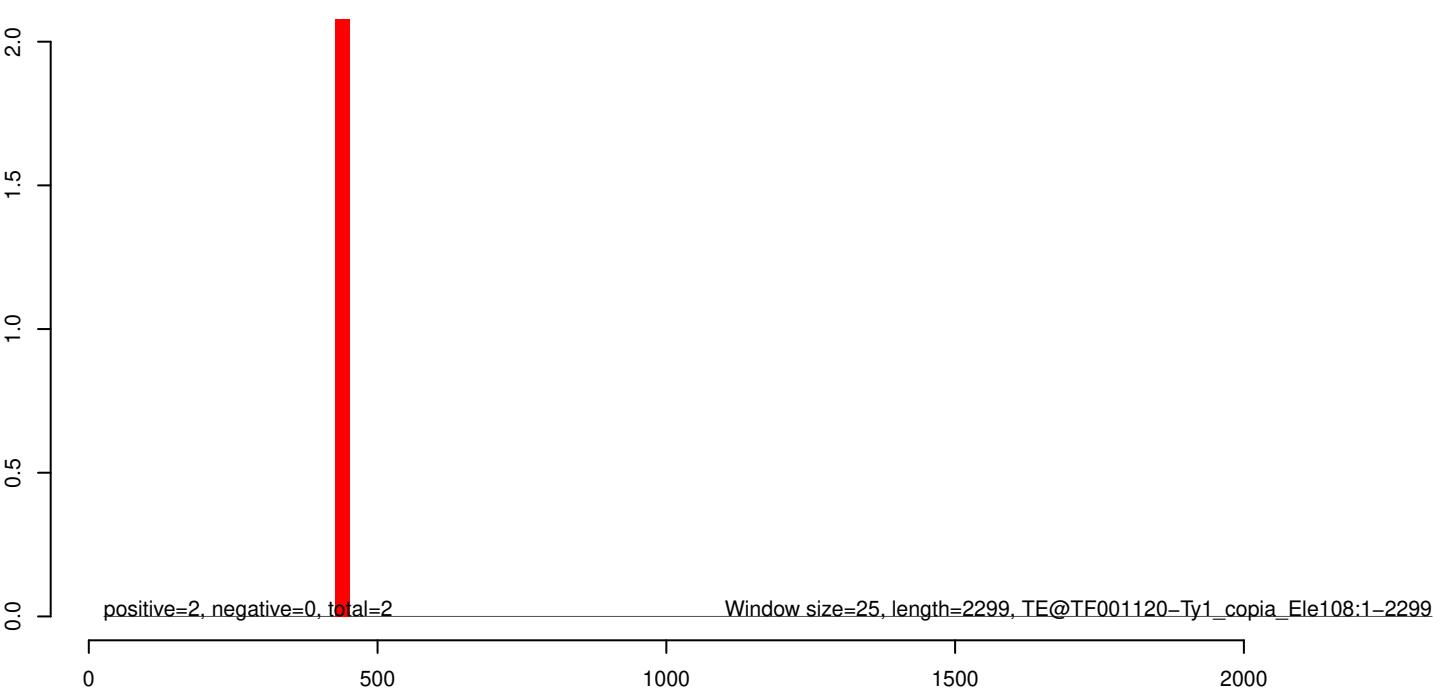
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



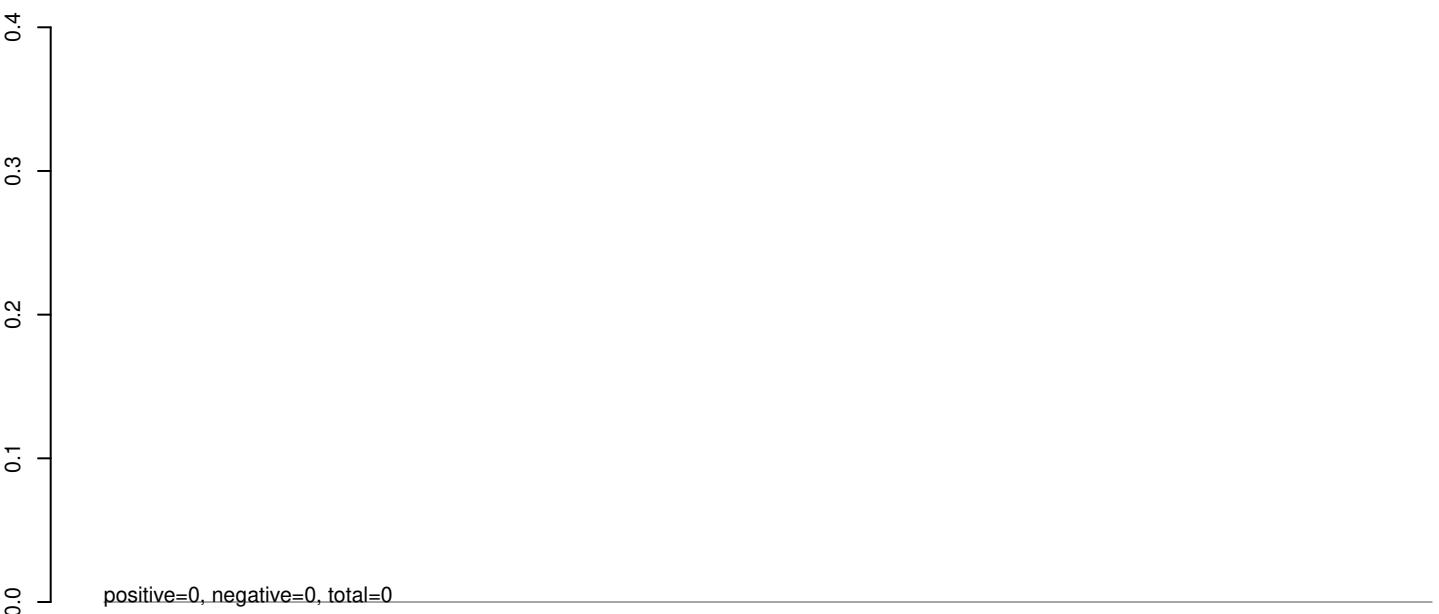
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



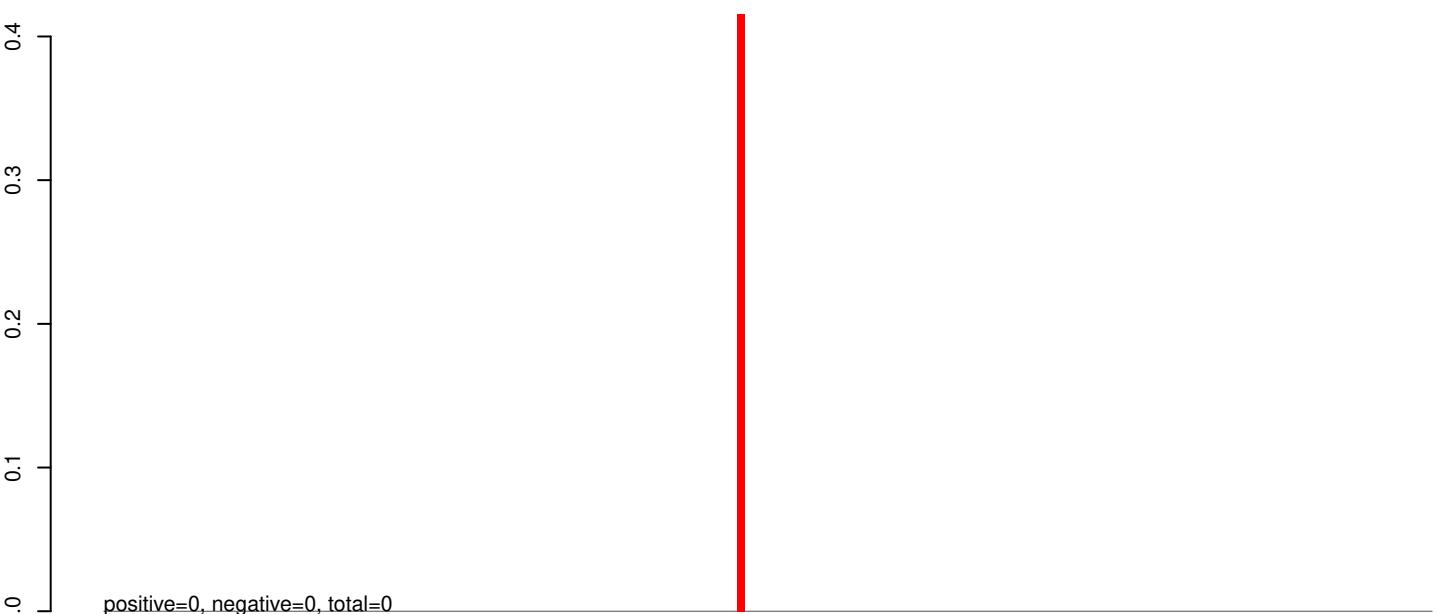
### AeAeg\_Whole\_sm\_r123\_JM.rep



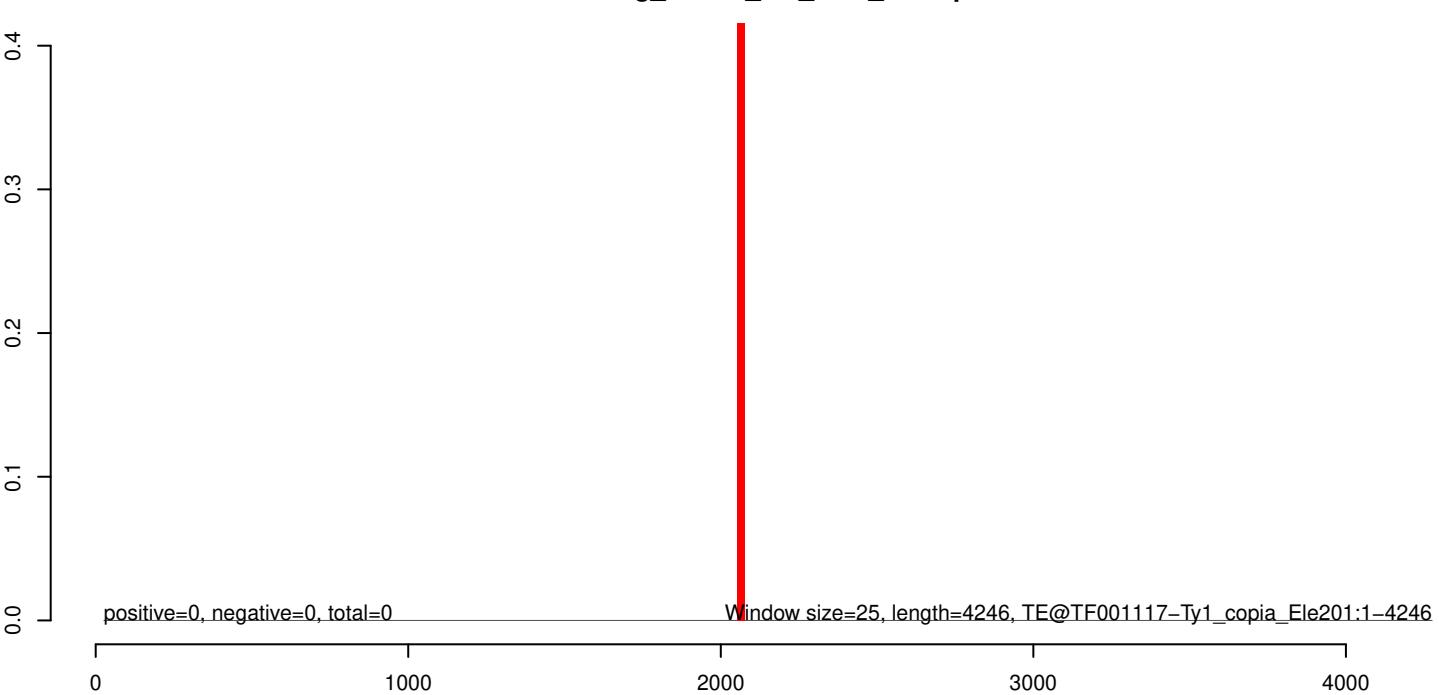
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

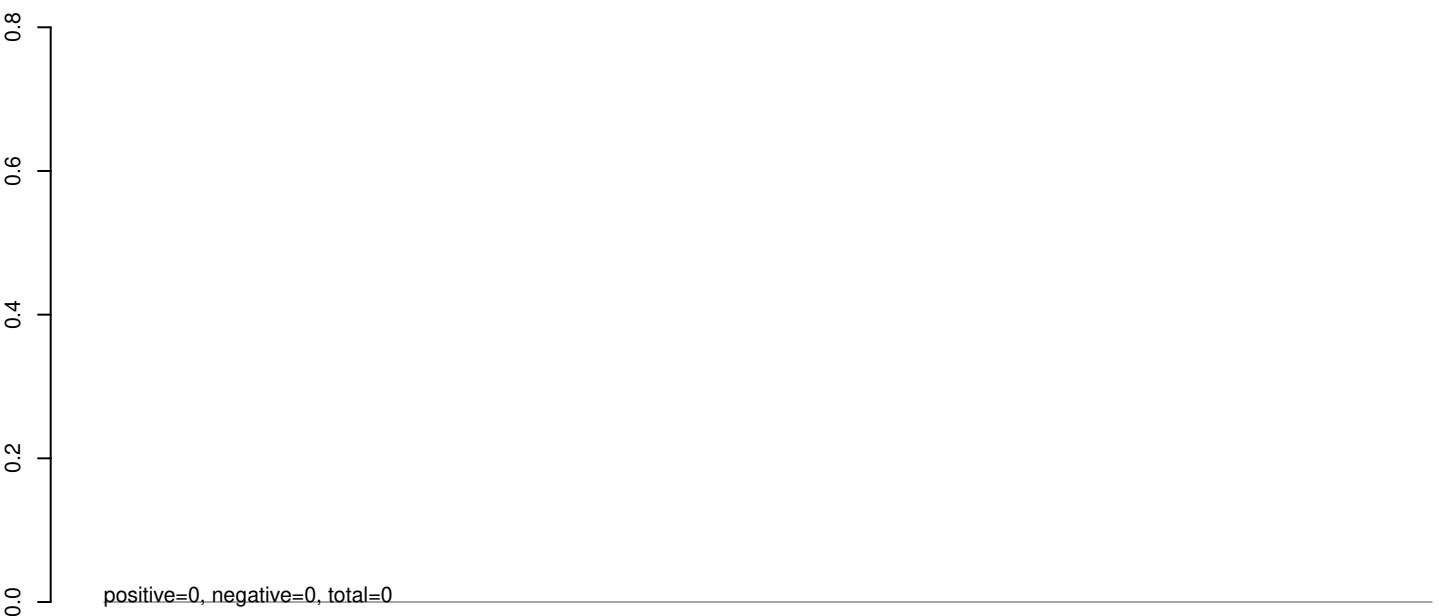
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

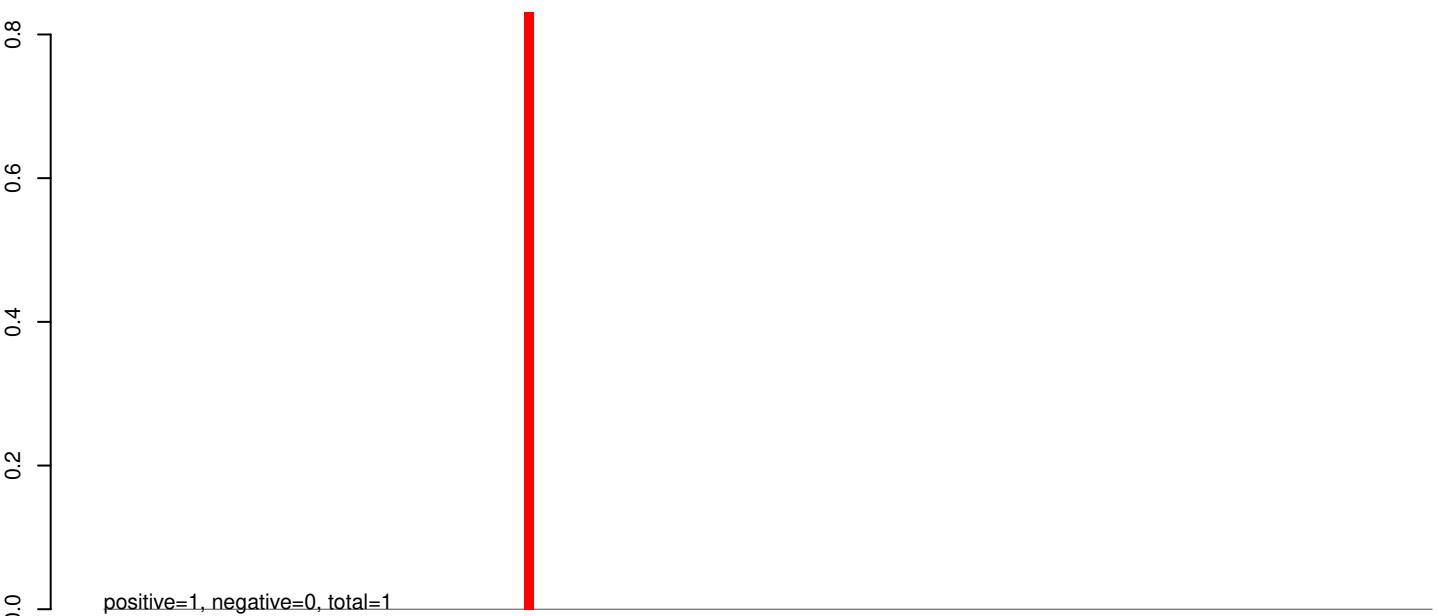
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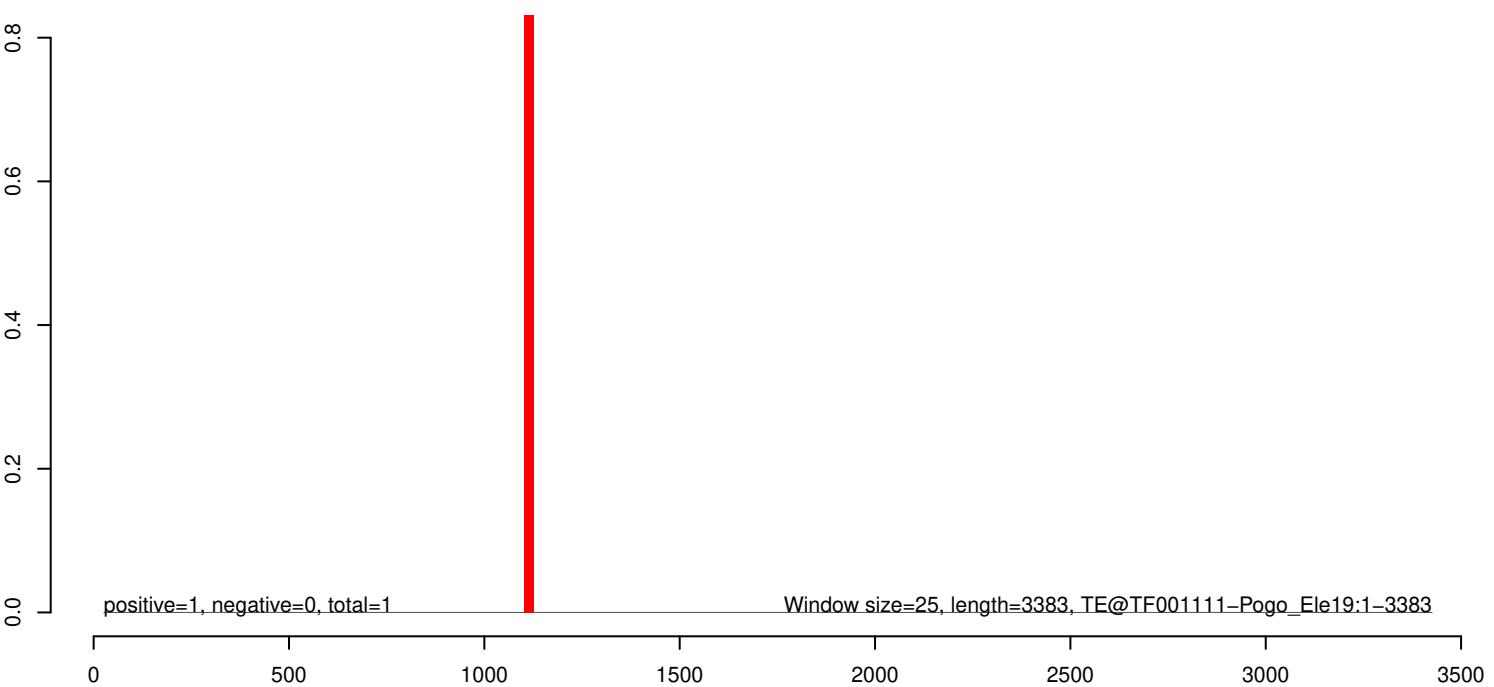
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

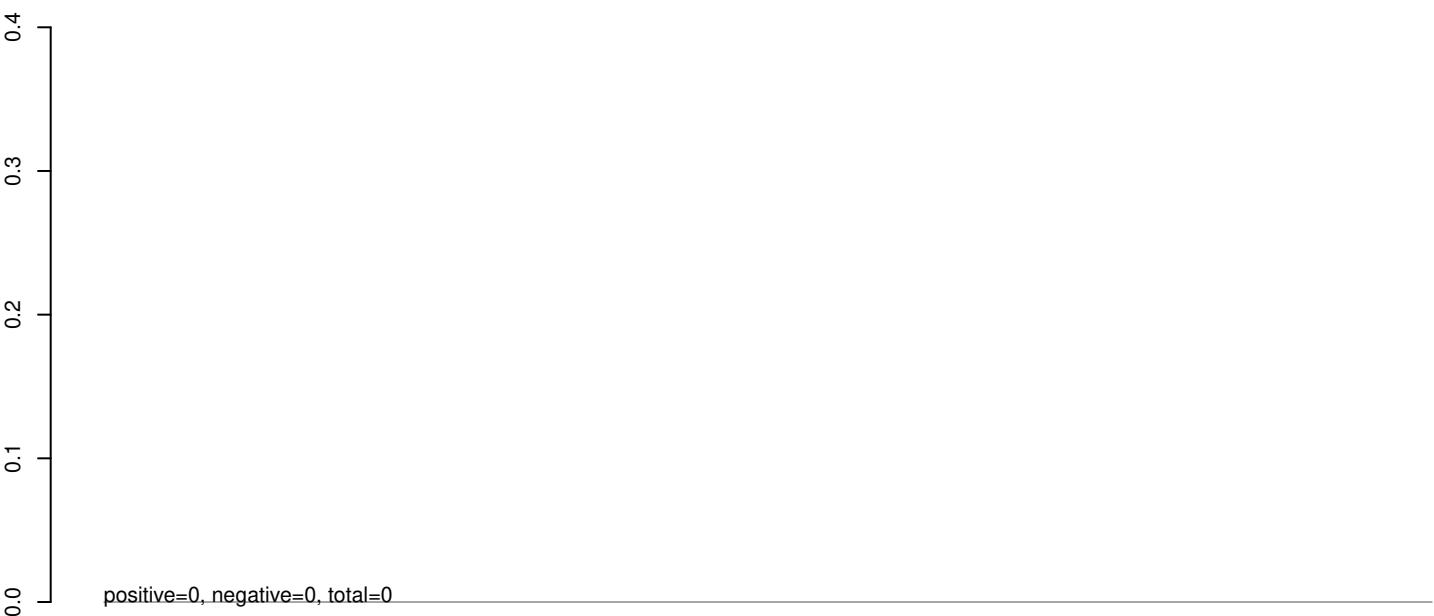
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=0, total=0

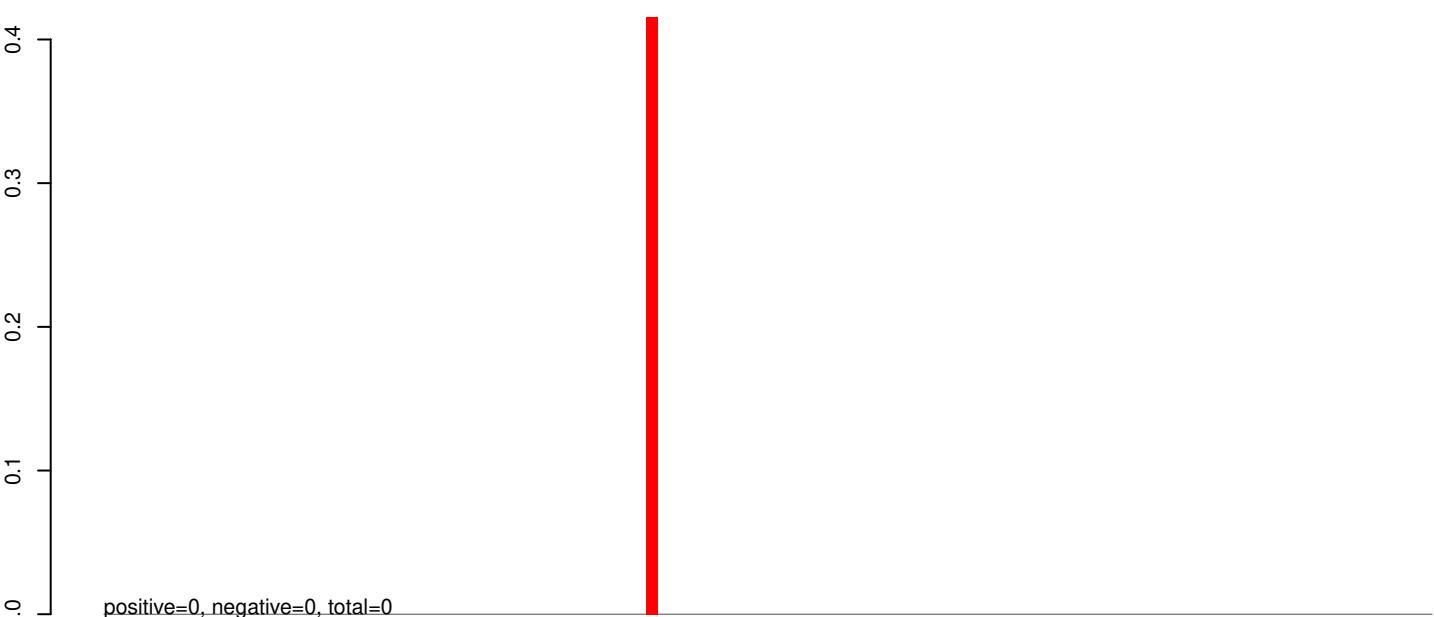
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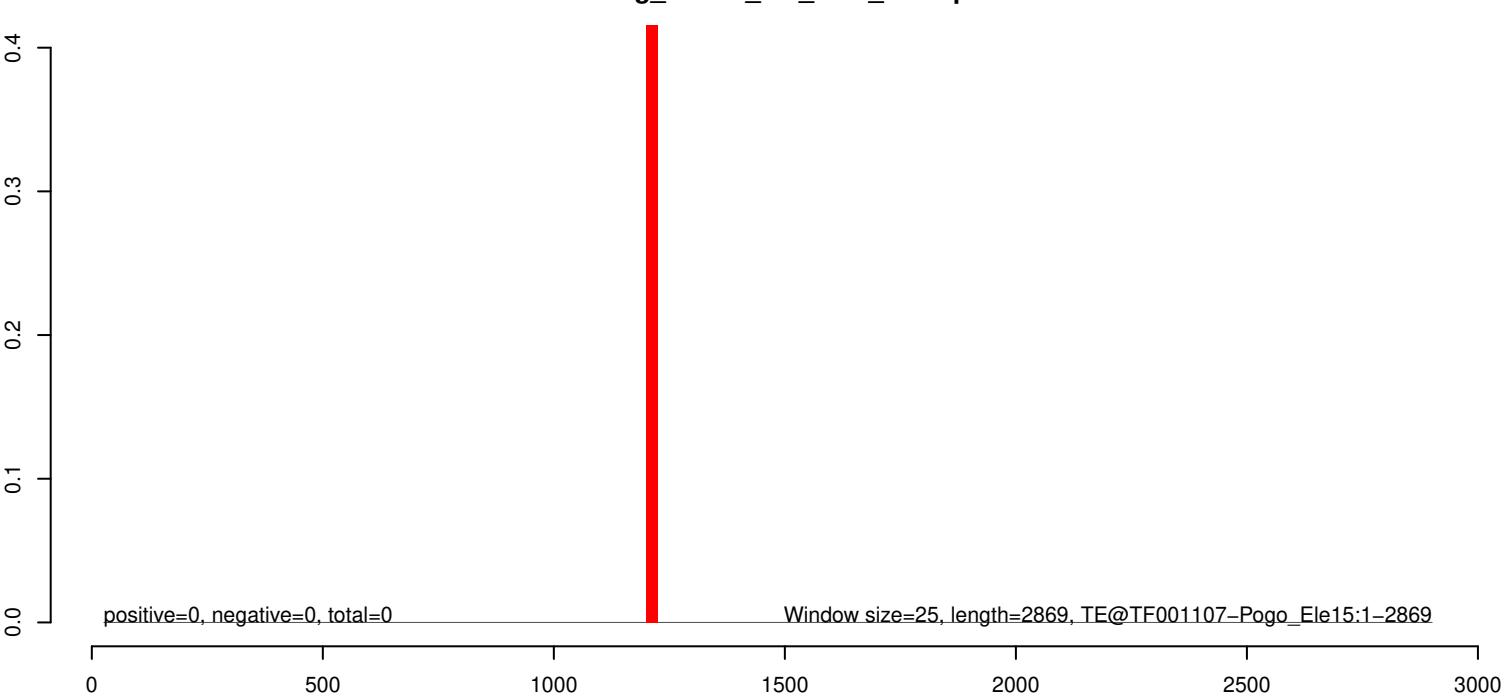
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



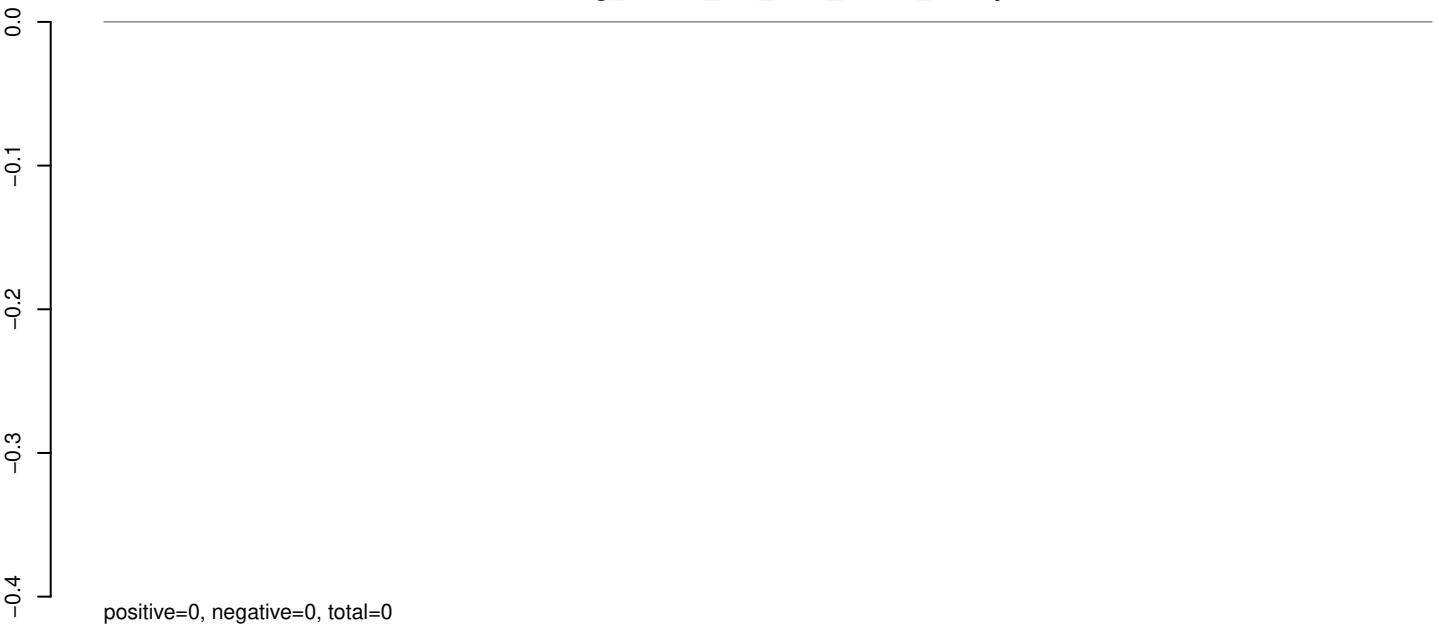
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



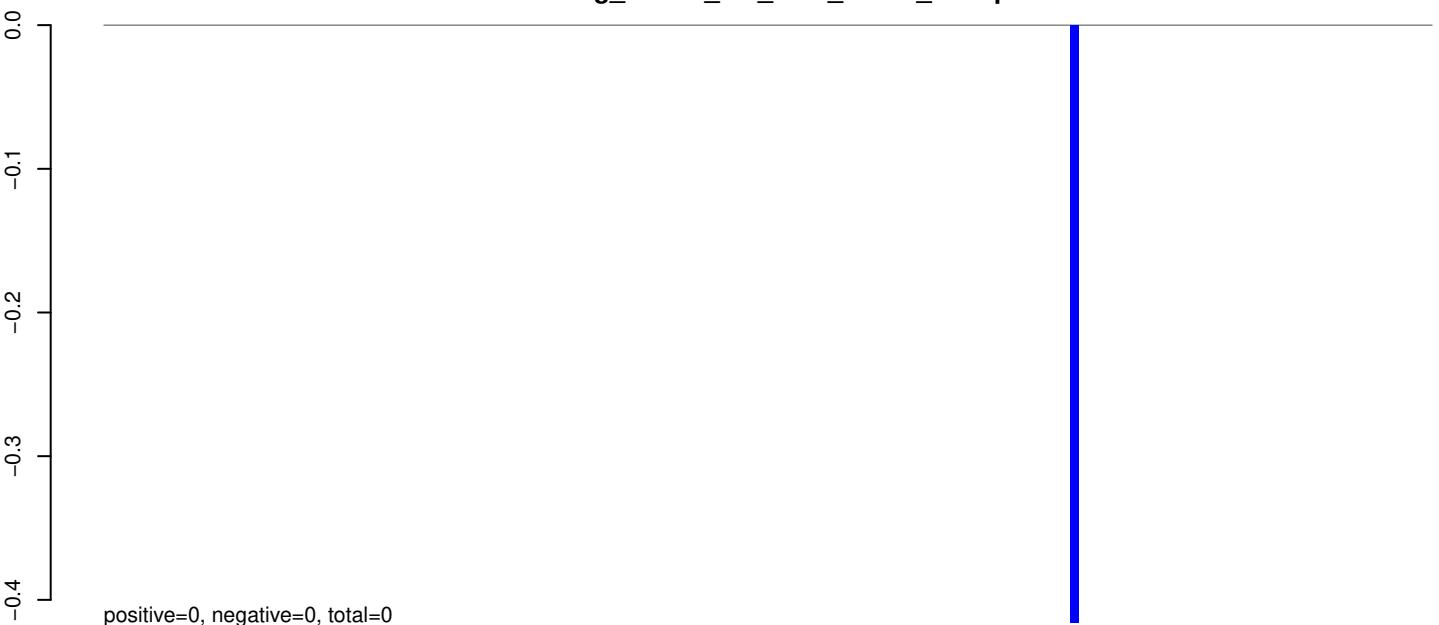
**AeAeg\_Whole\_sm\_r123\_JM.rep**



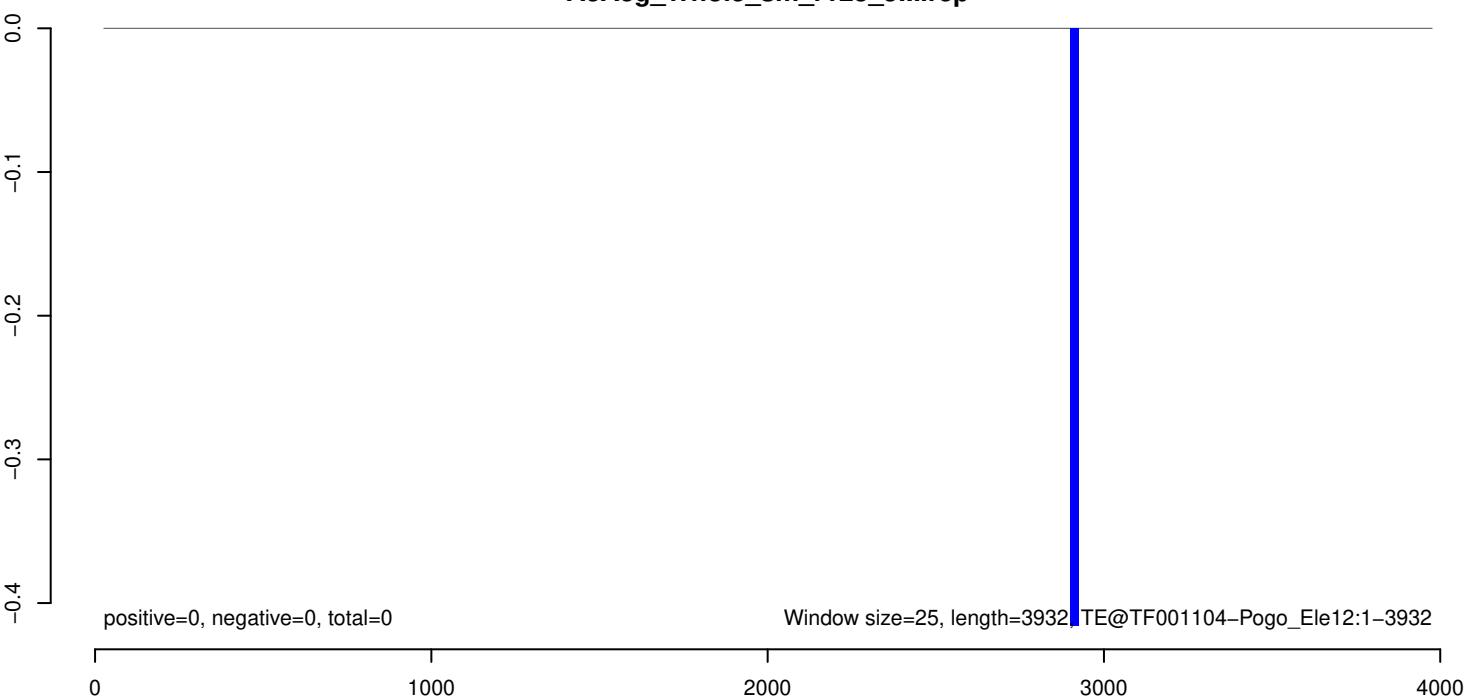
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



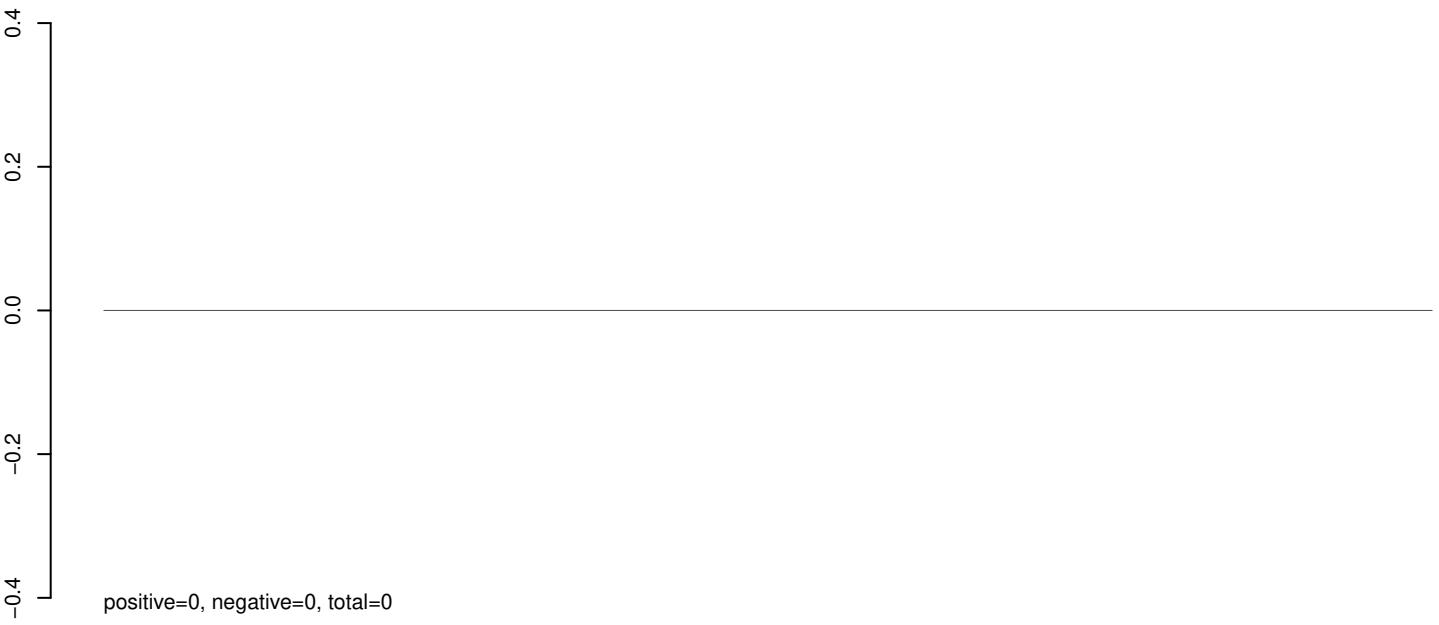
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



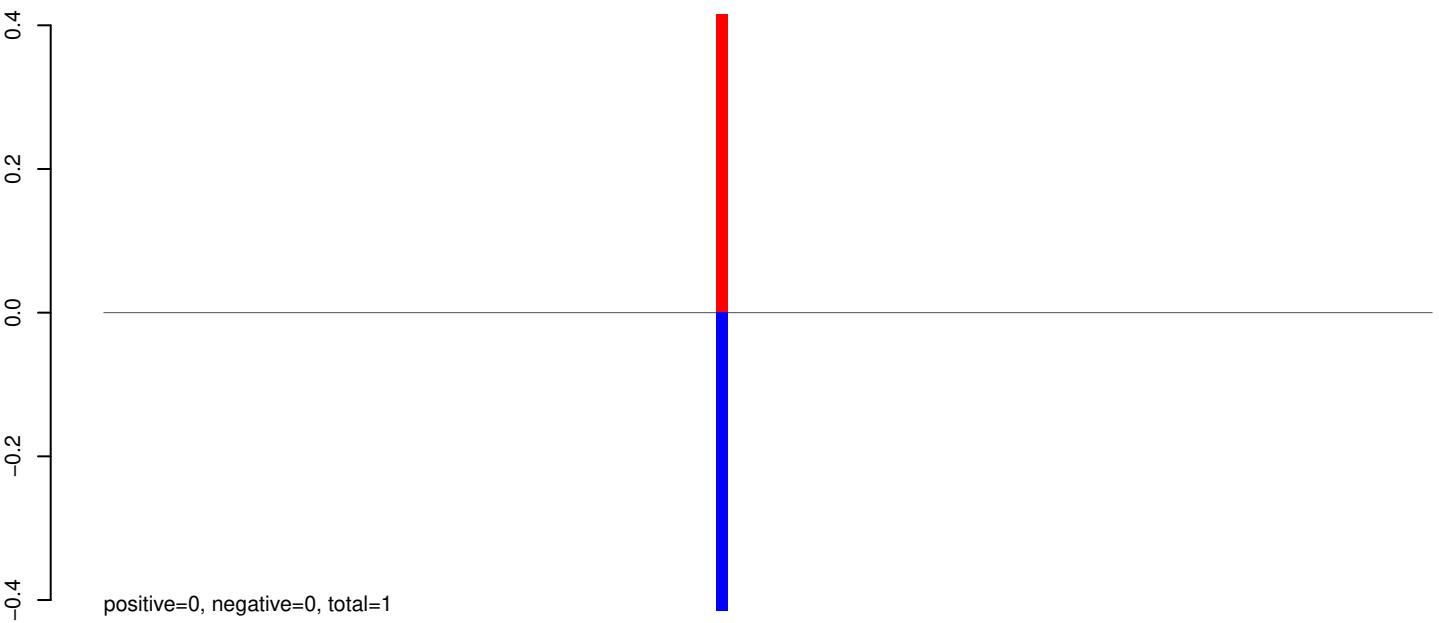
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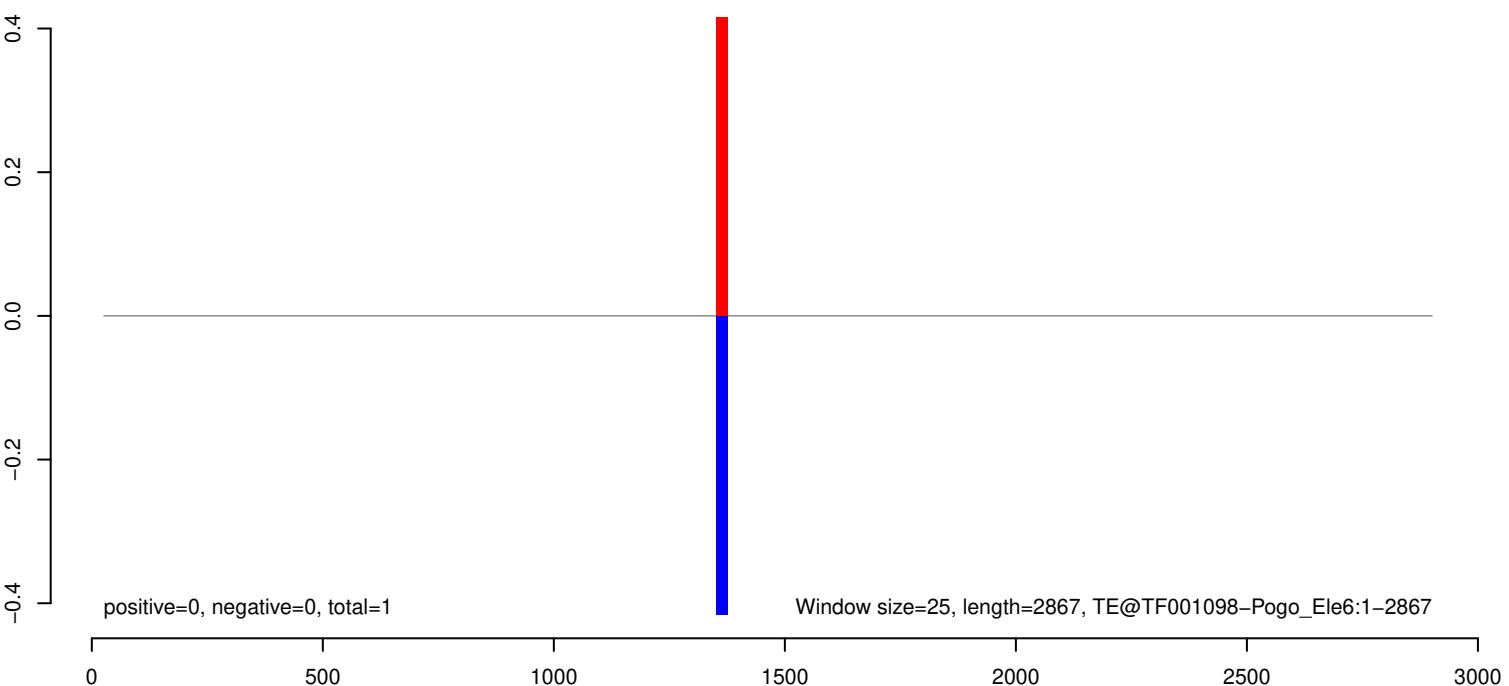
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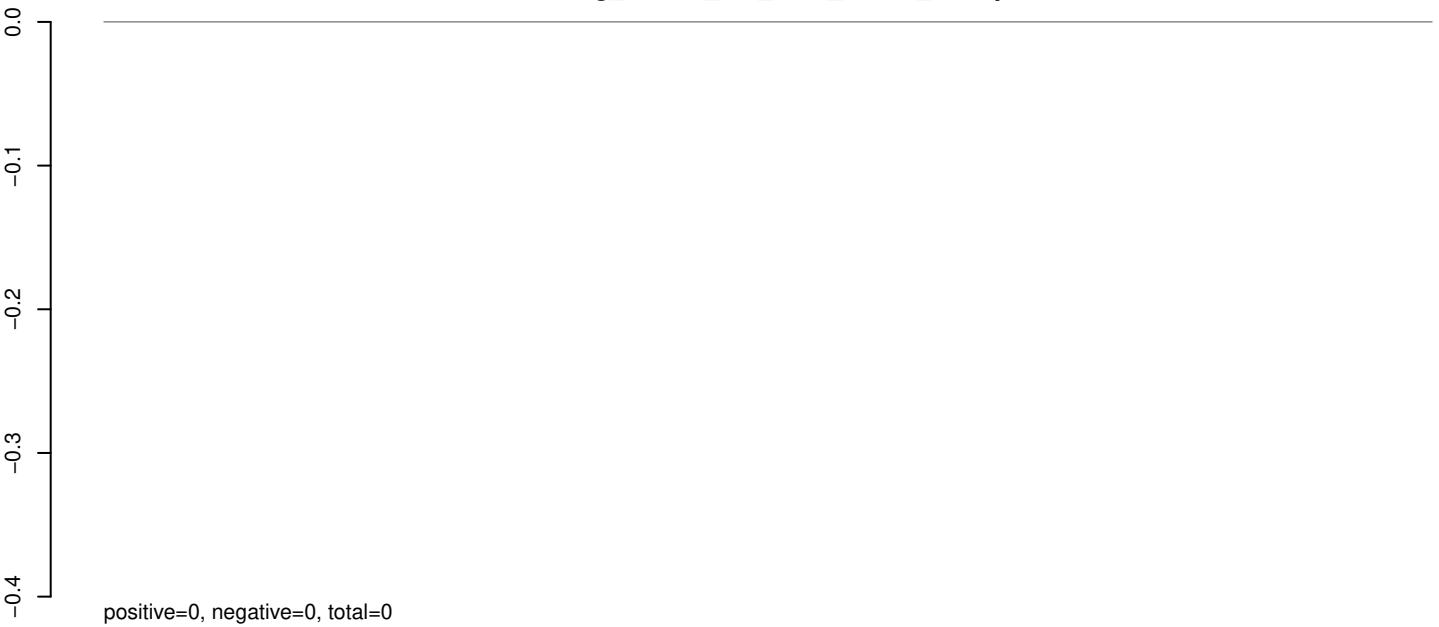
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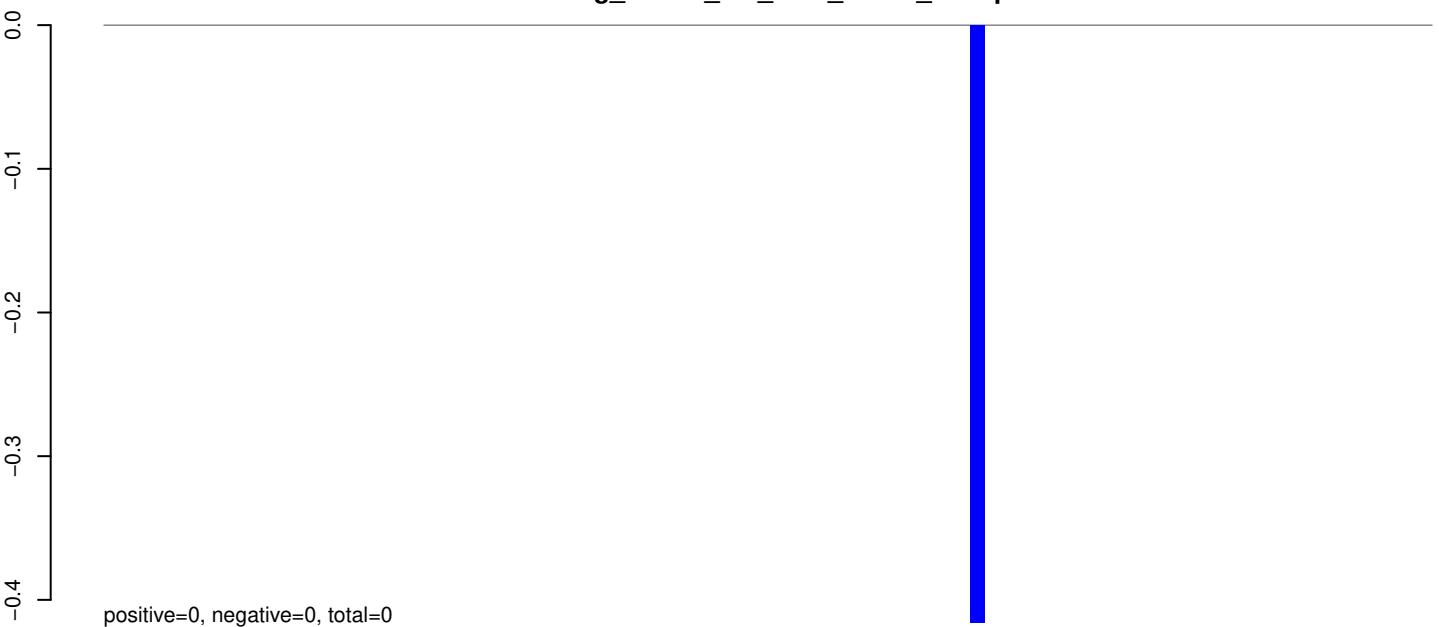
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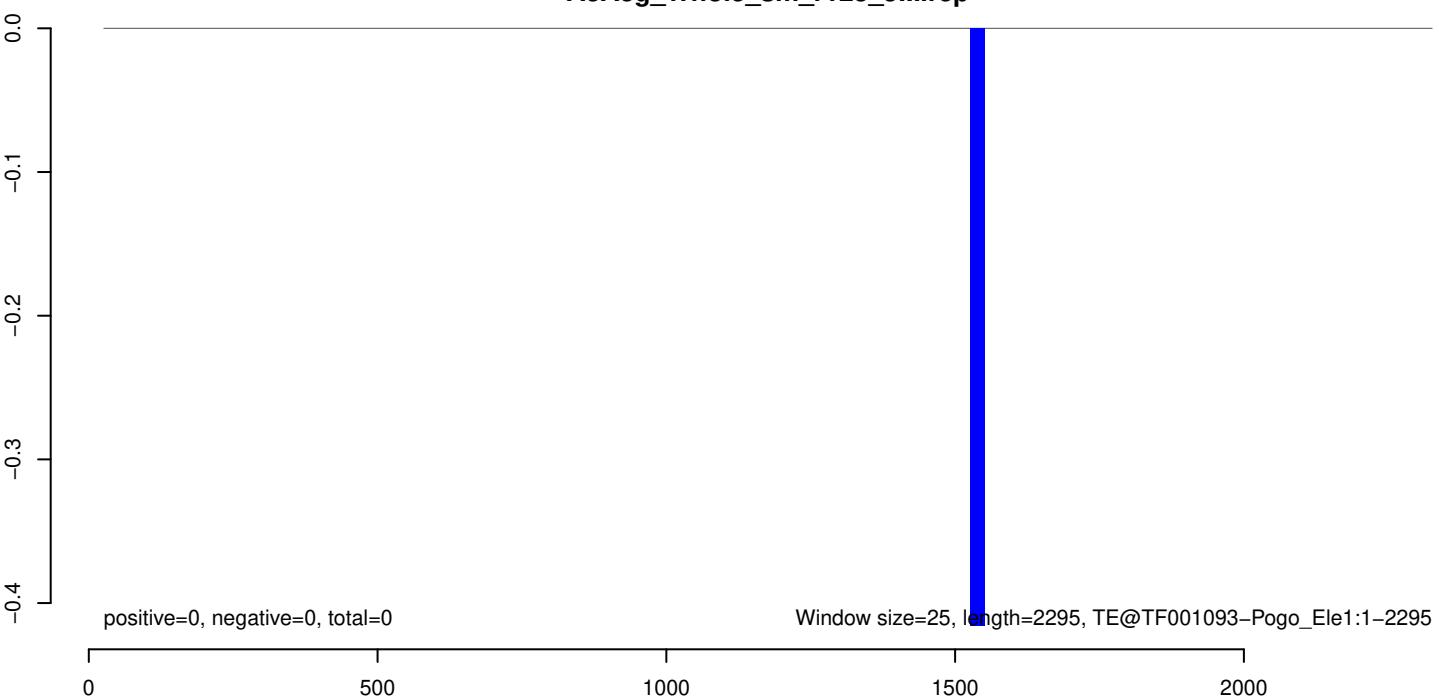
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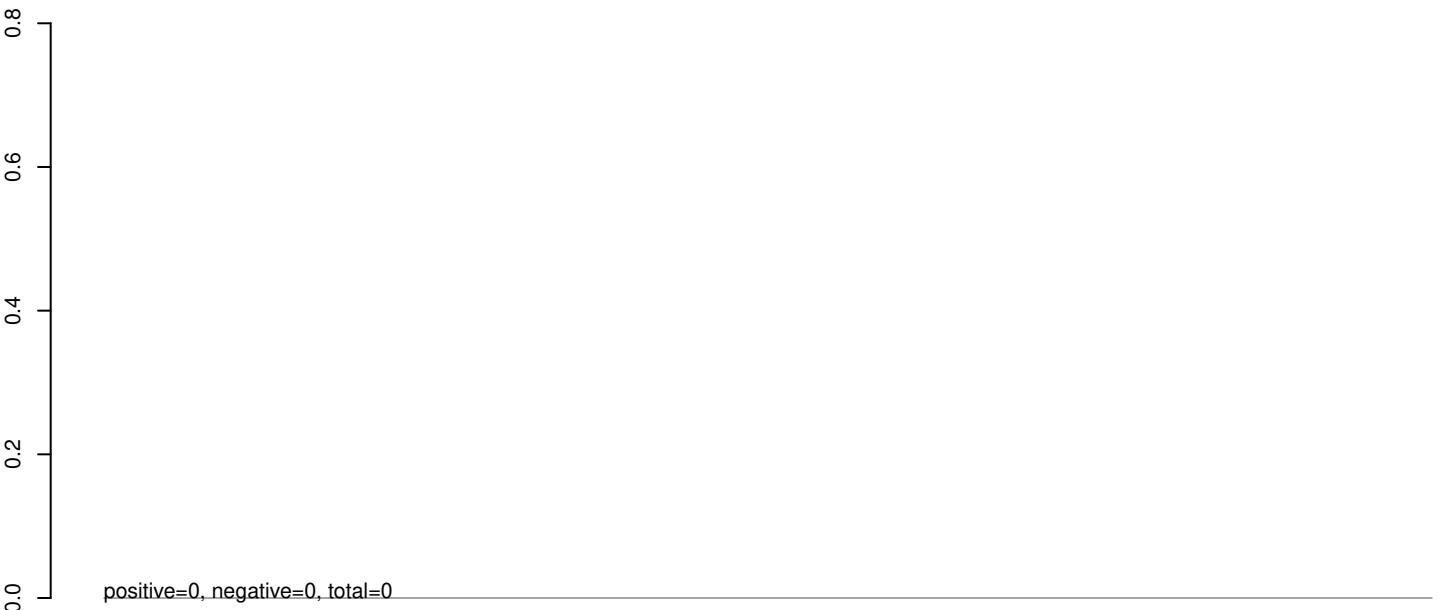
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



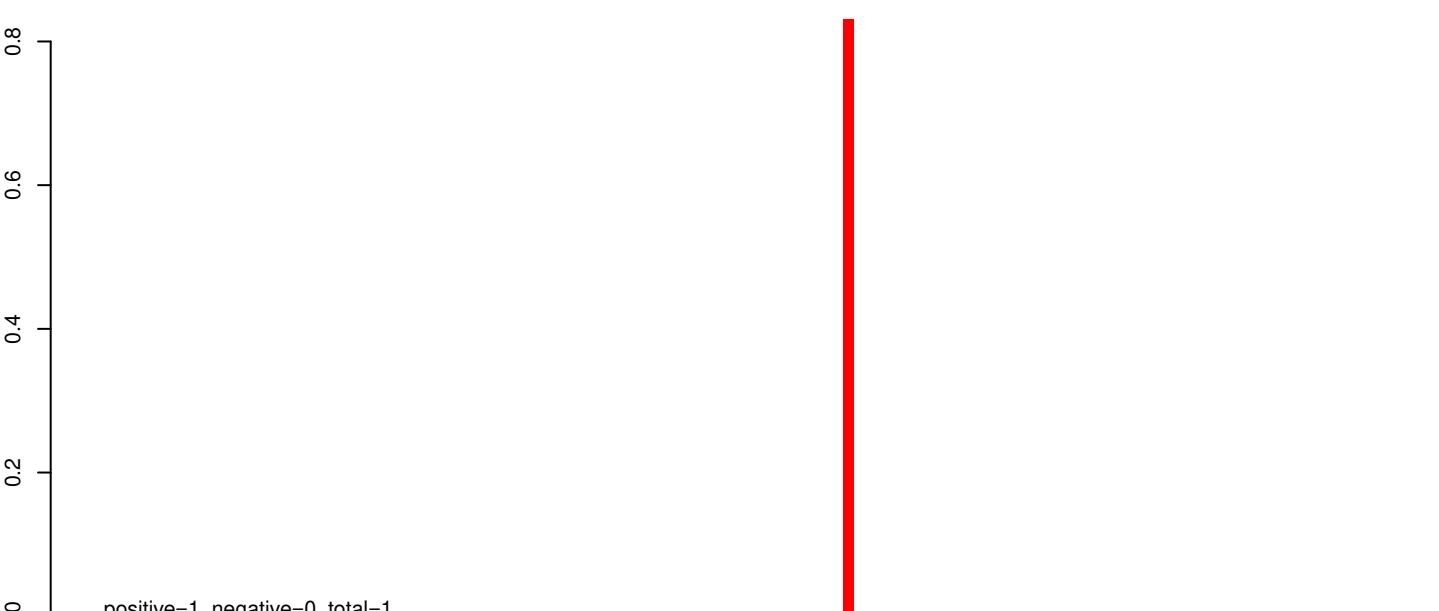
### AeAeg\_Whole\_sm\_r123\_JM.rep



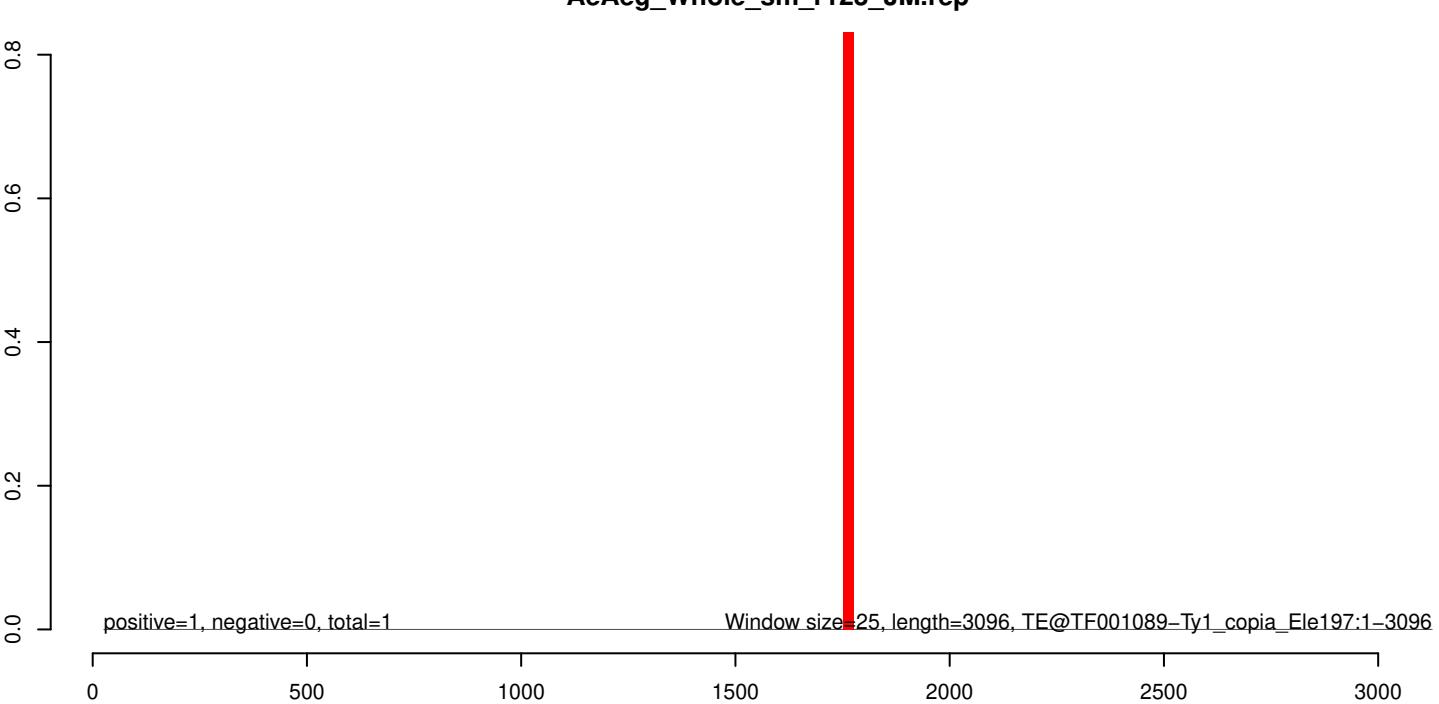
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



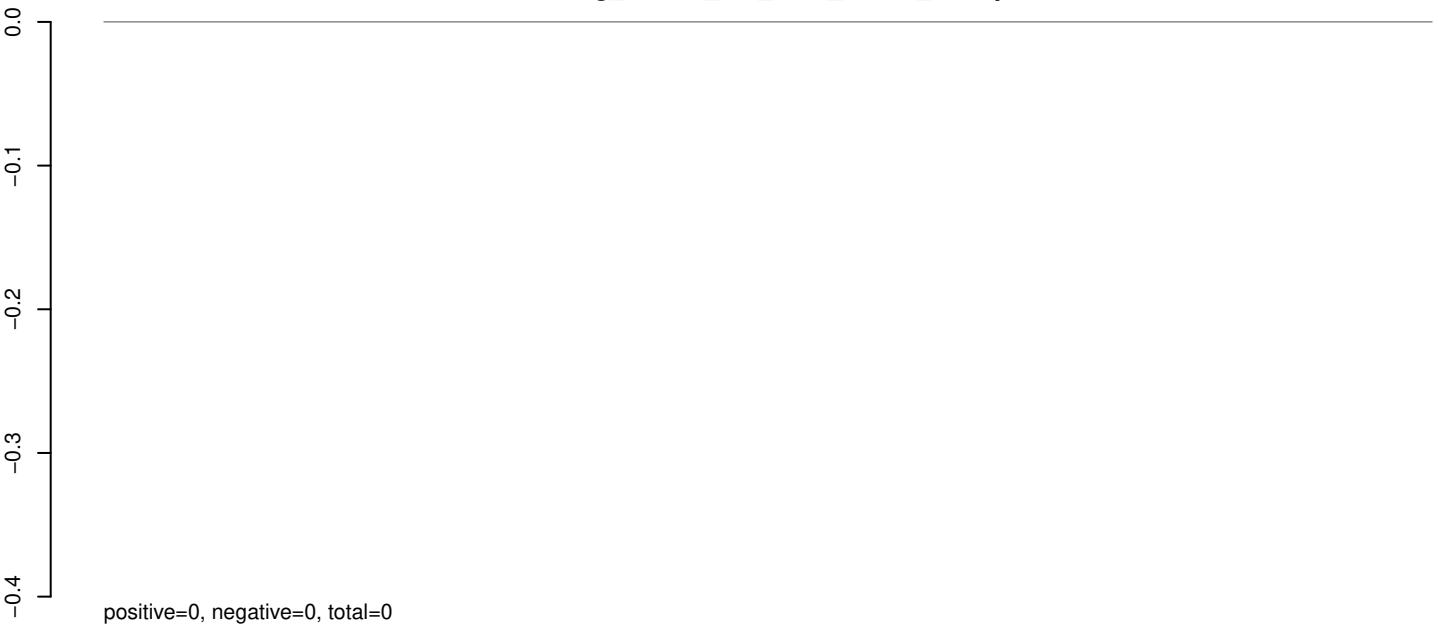
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



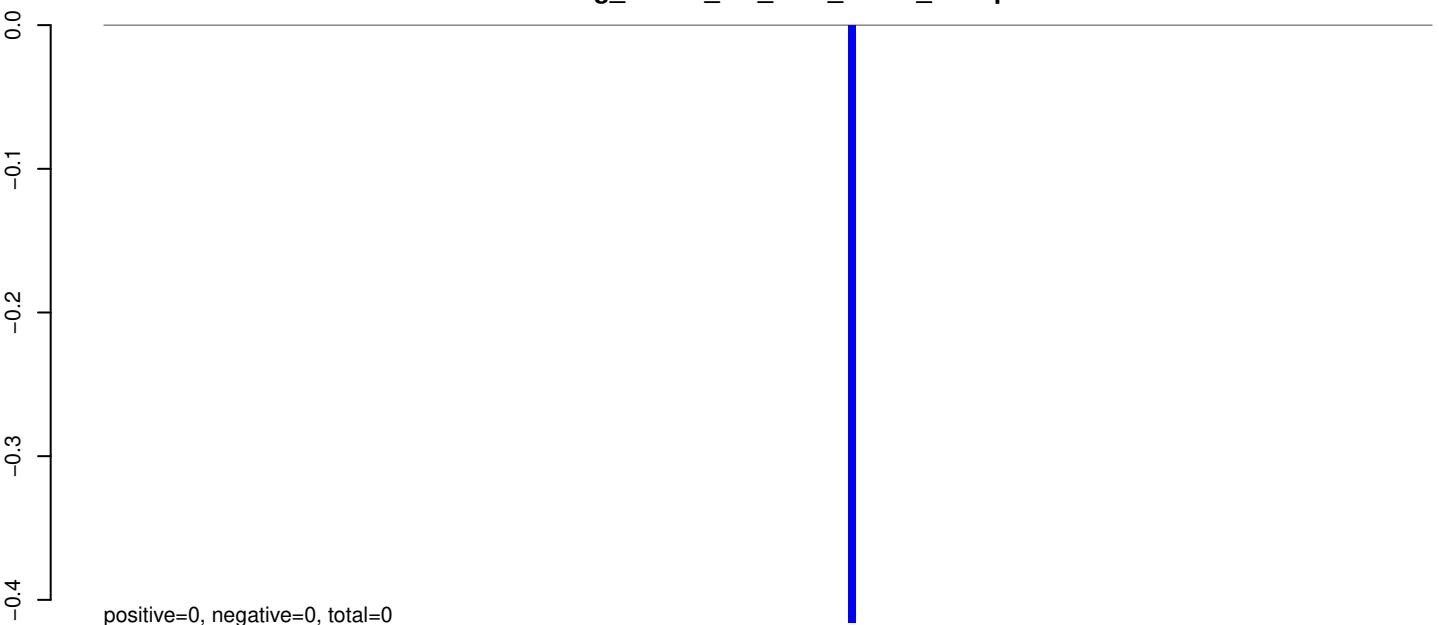
**AeAeg\_Whole\_sm\_r123\_JM.rep**



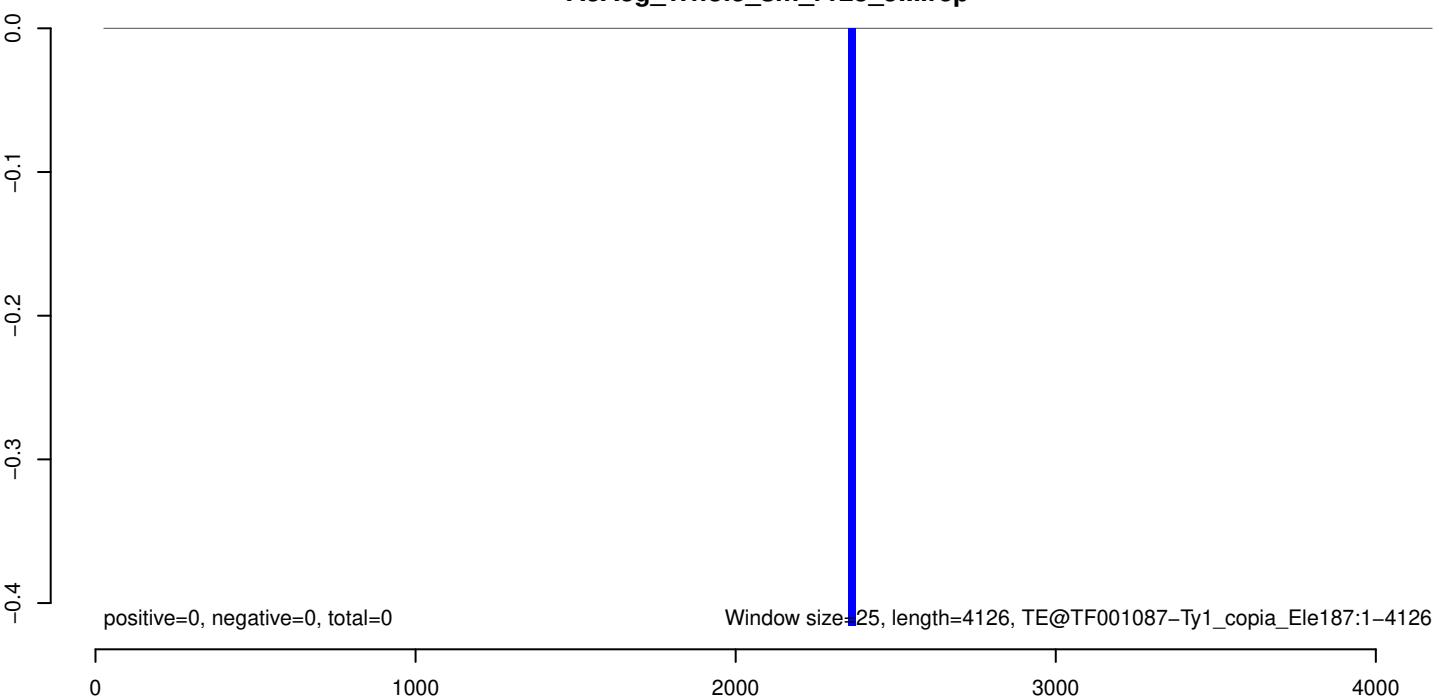
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



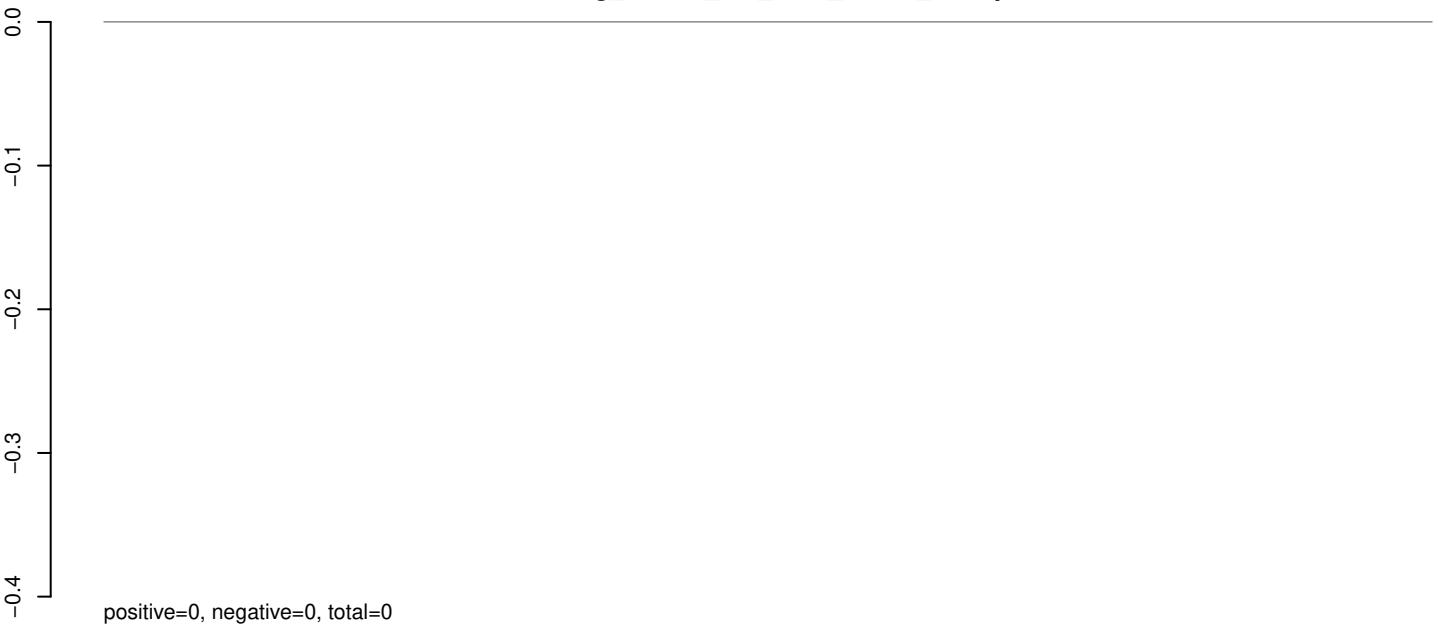
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



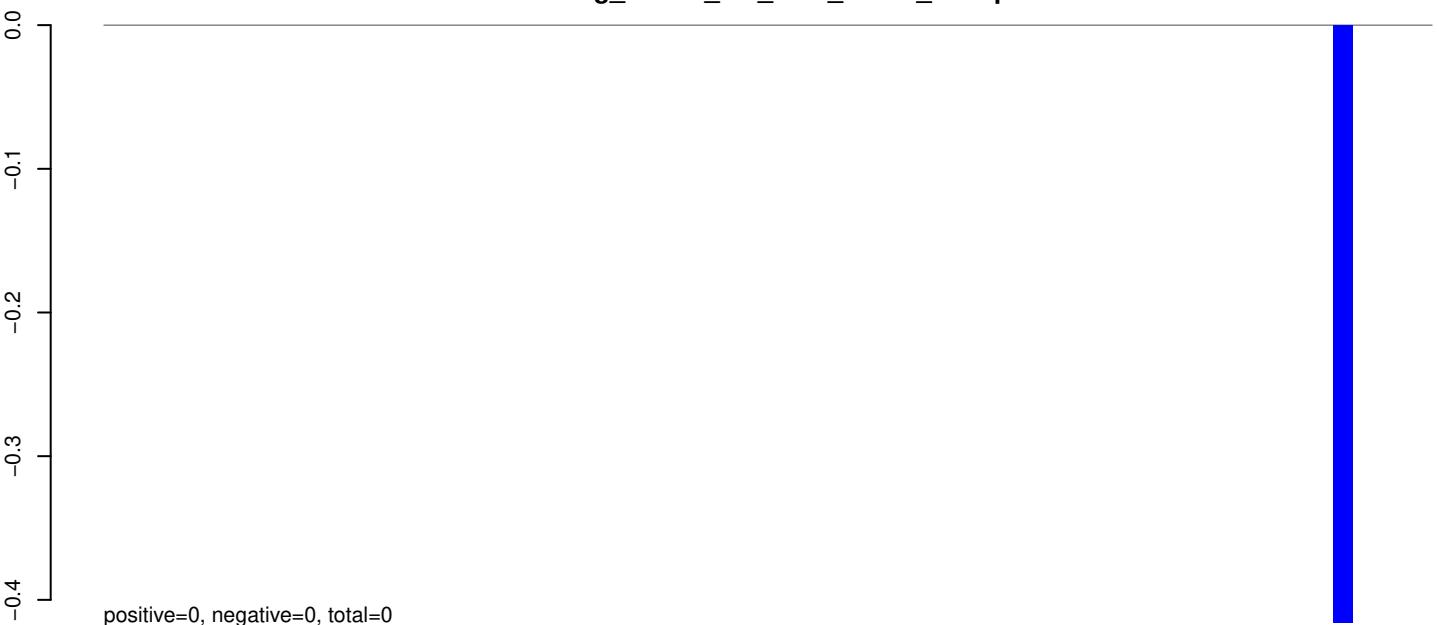
### AeAeg\_Whole\_sm\_r123\_JM.rep



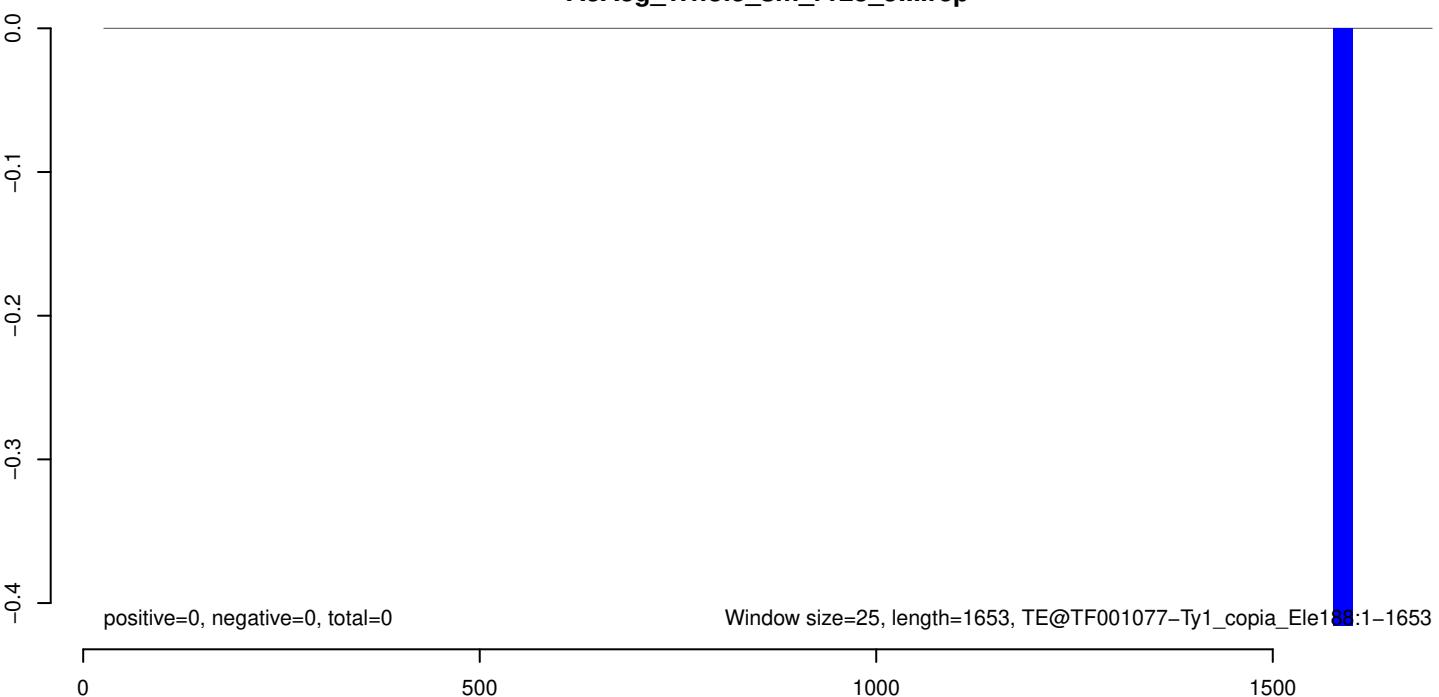
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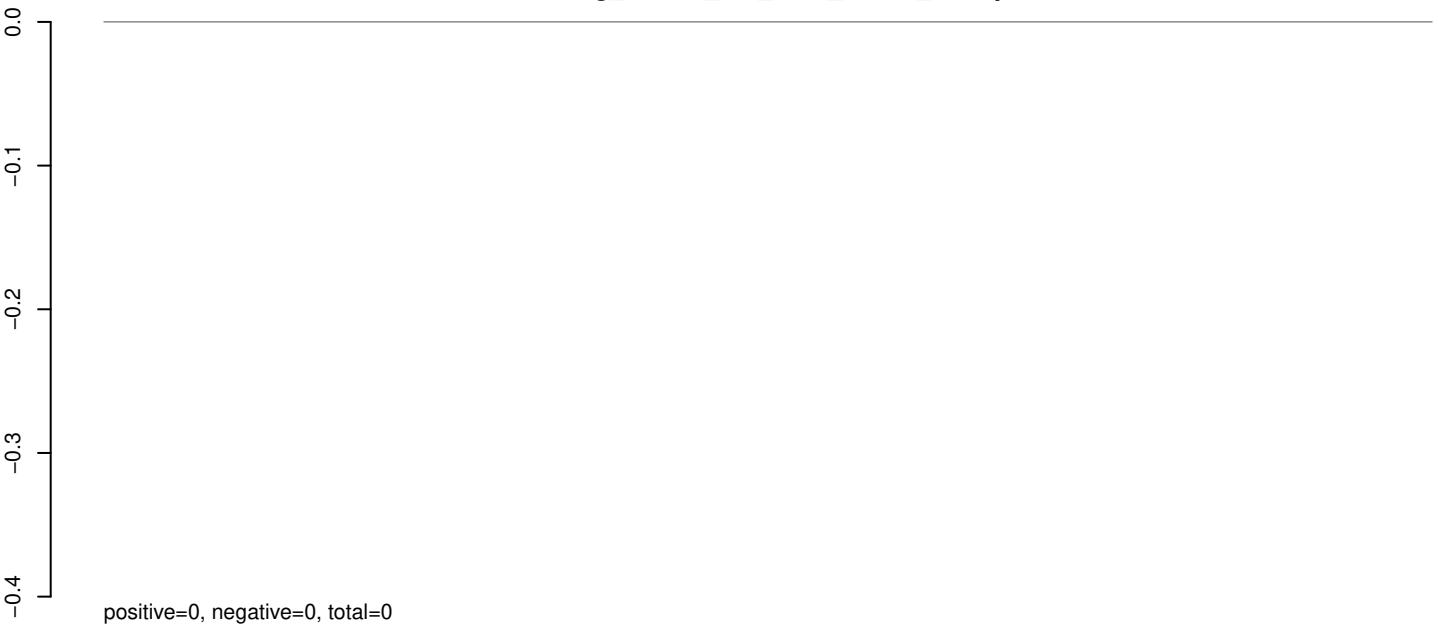
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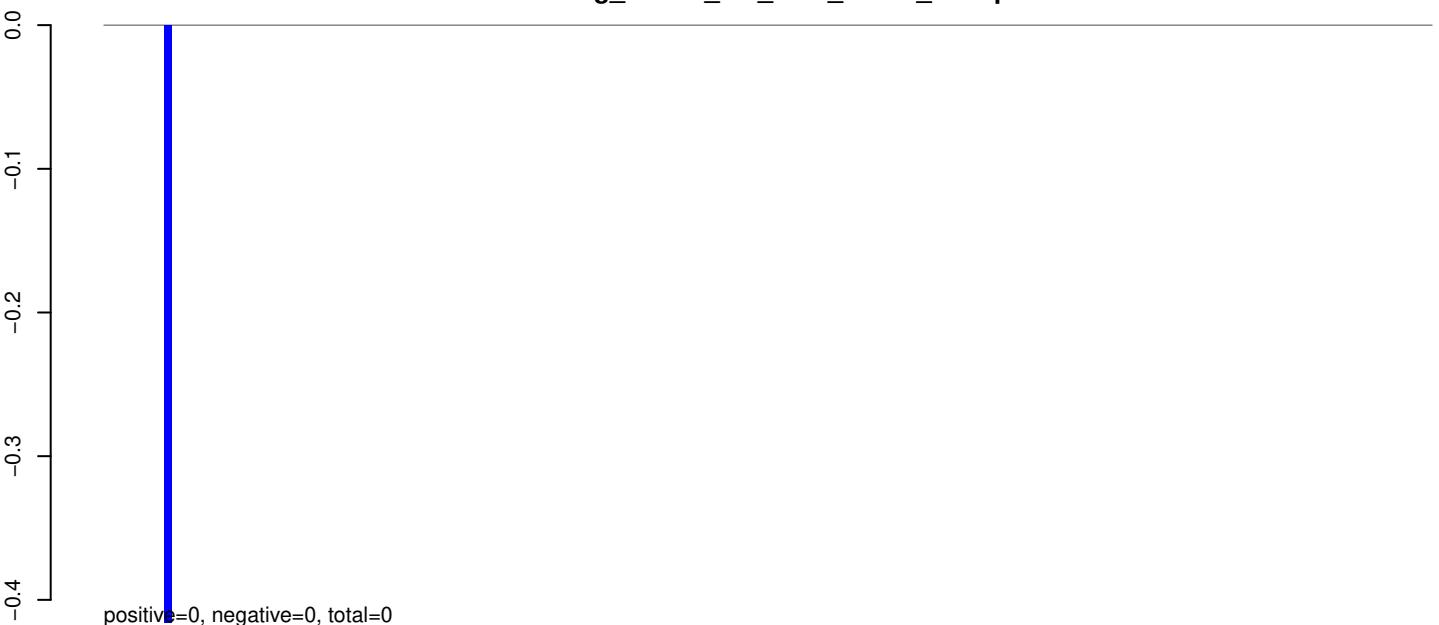
### AeAeg\_Whole\_sm\_r123\_JM.rep



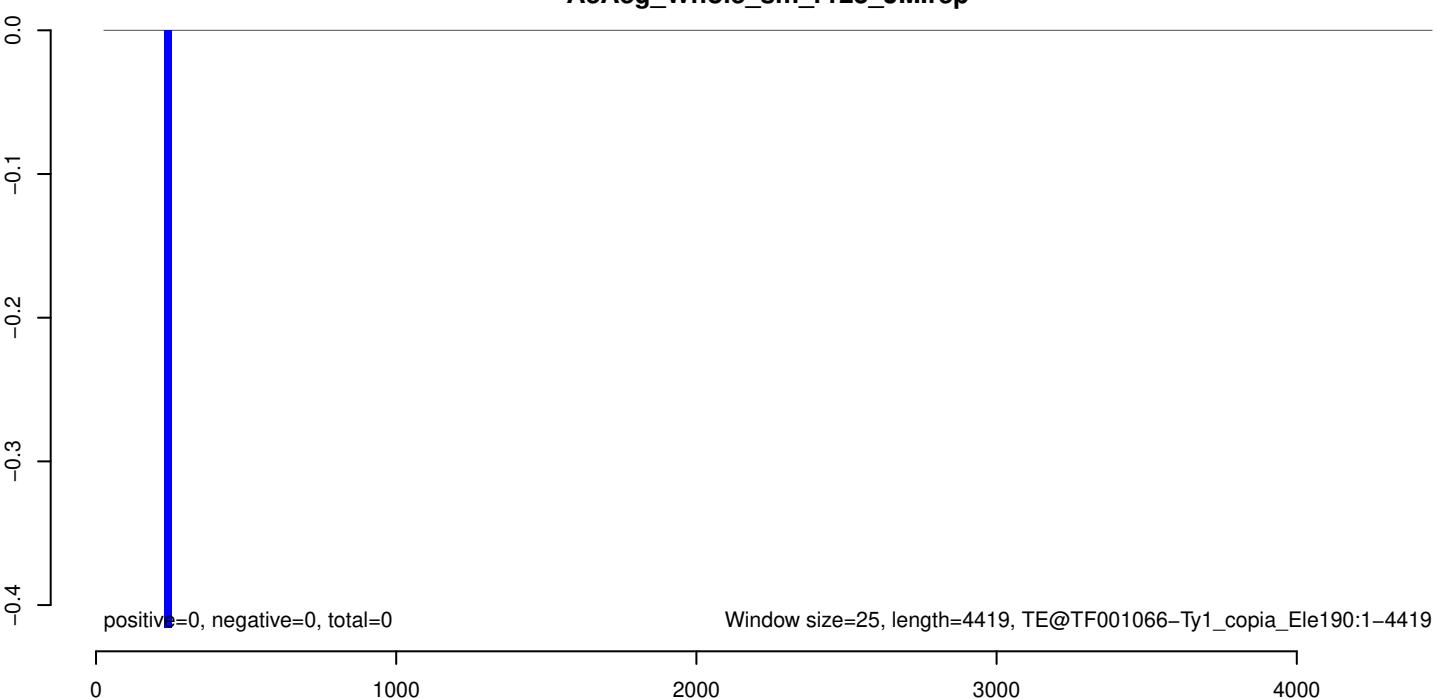
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



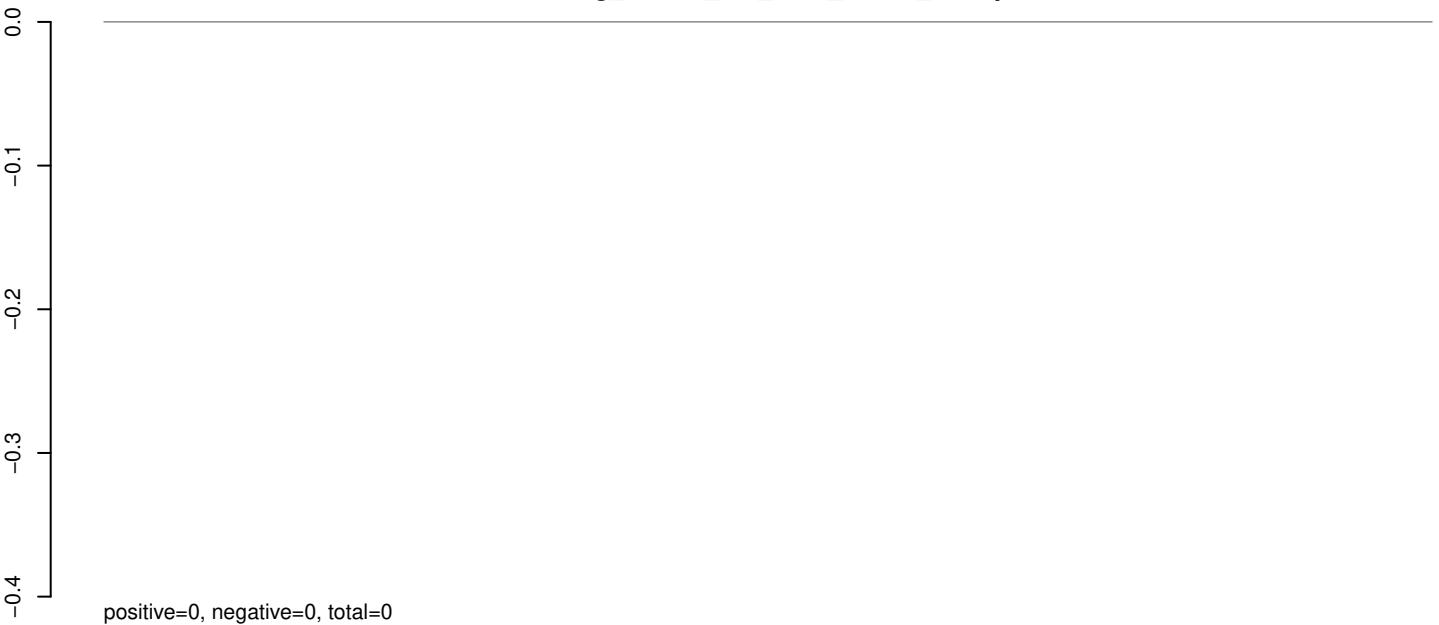
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



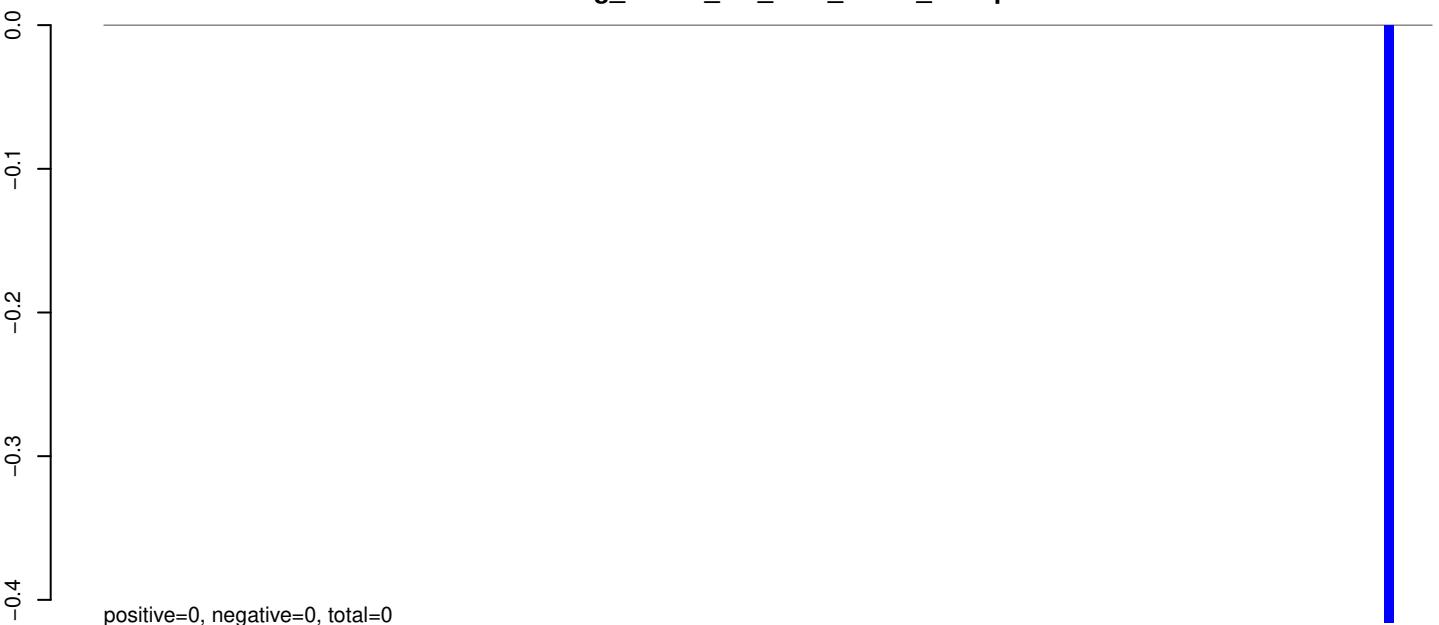
### AeAeg\_Whole\_sm\_r123\_JM.rep



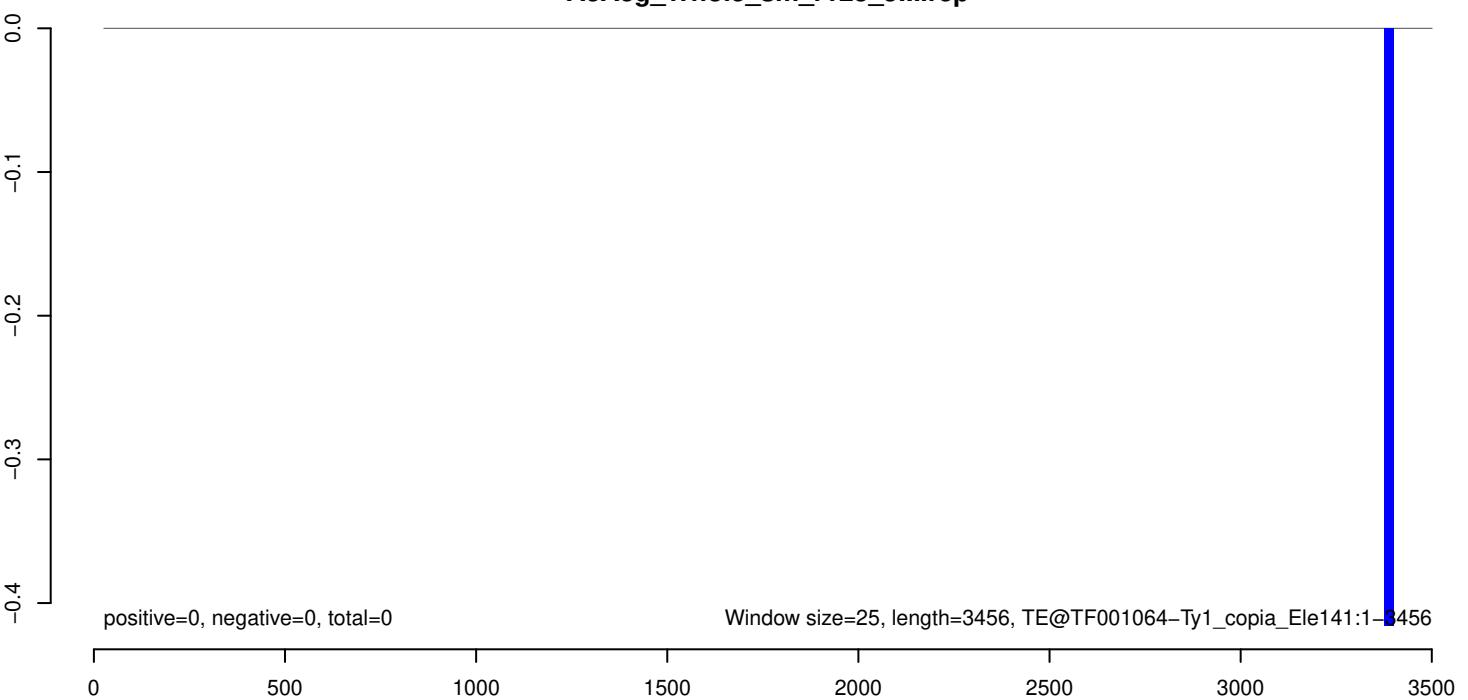
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

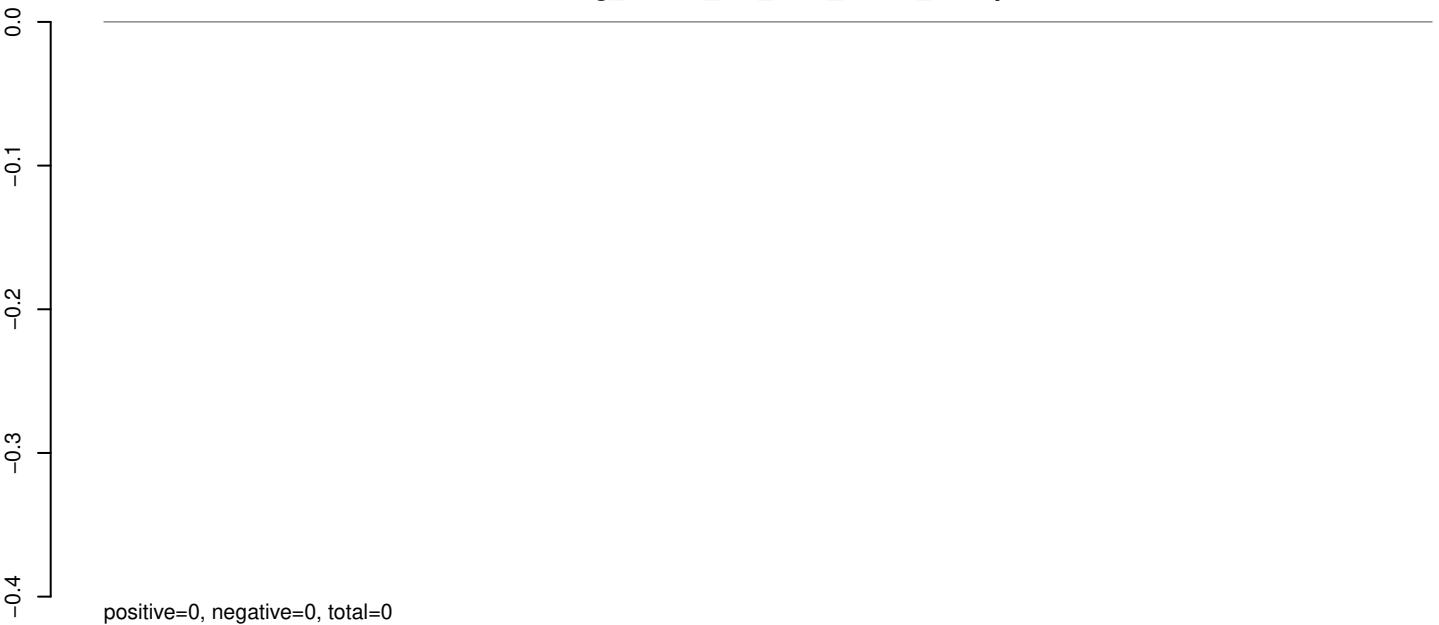
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

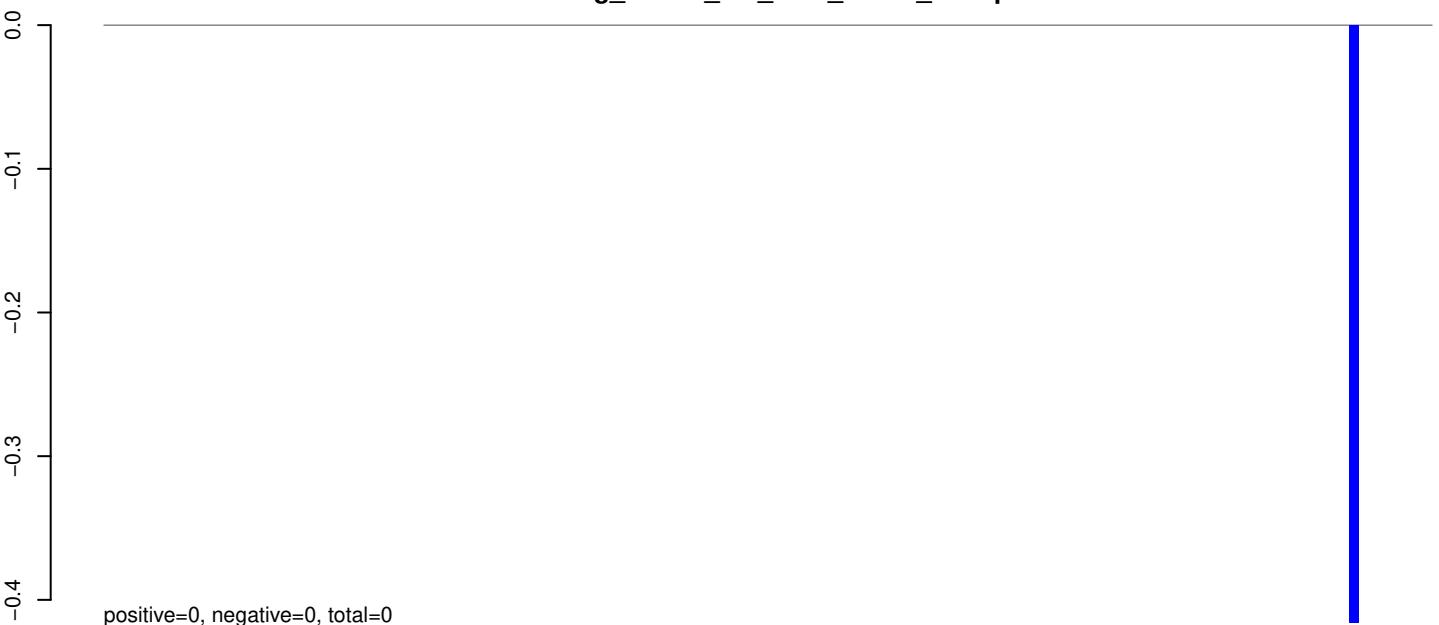
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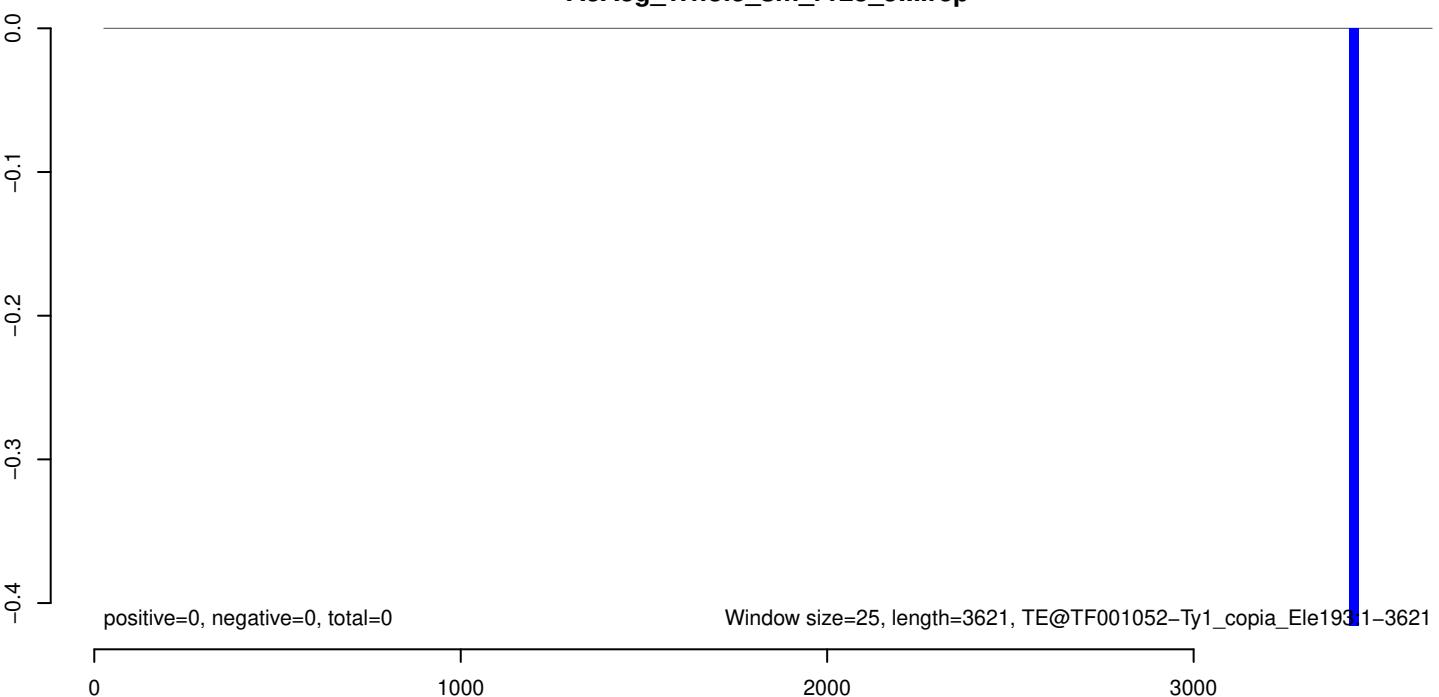
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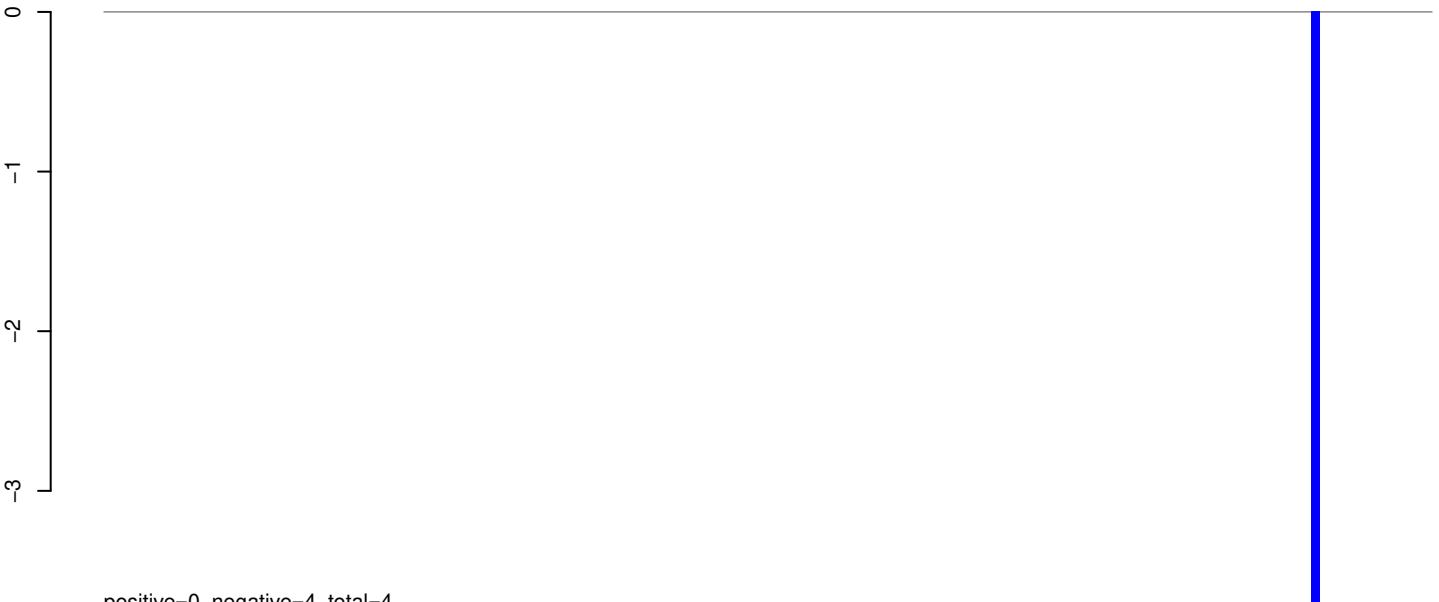
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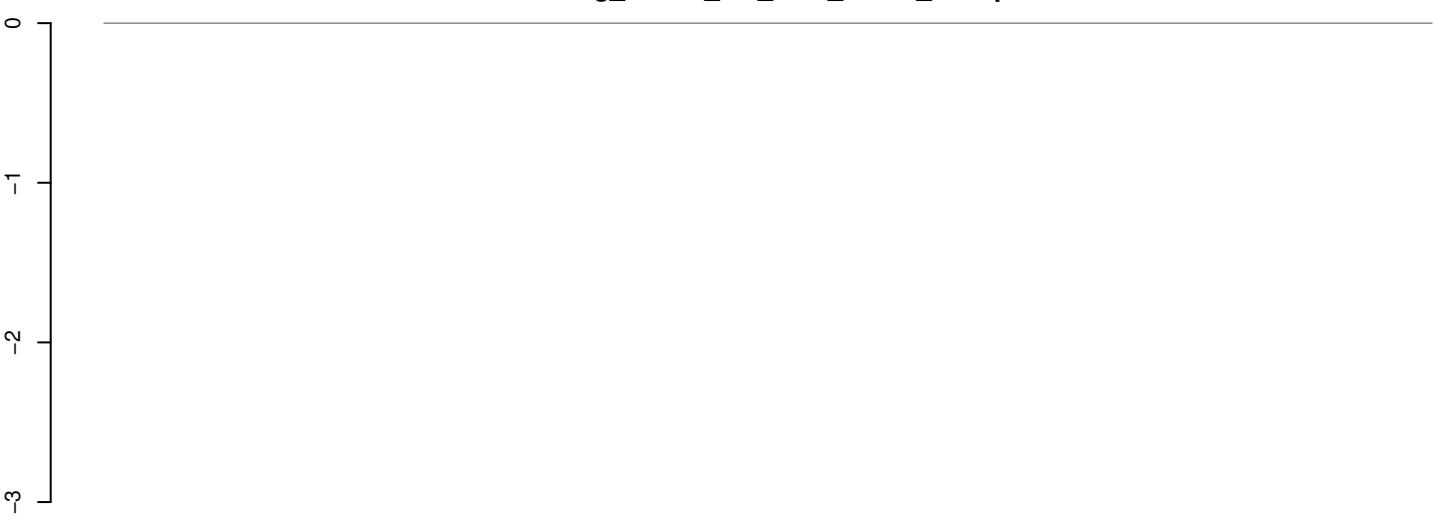
### AeAeg\_Whole\_sm\_r123\_JM.rep



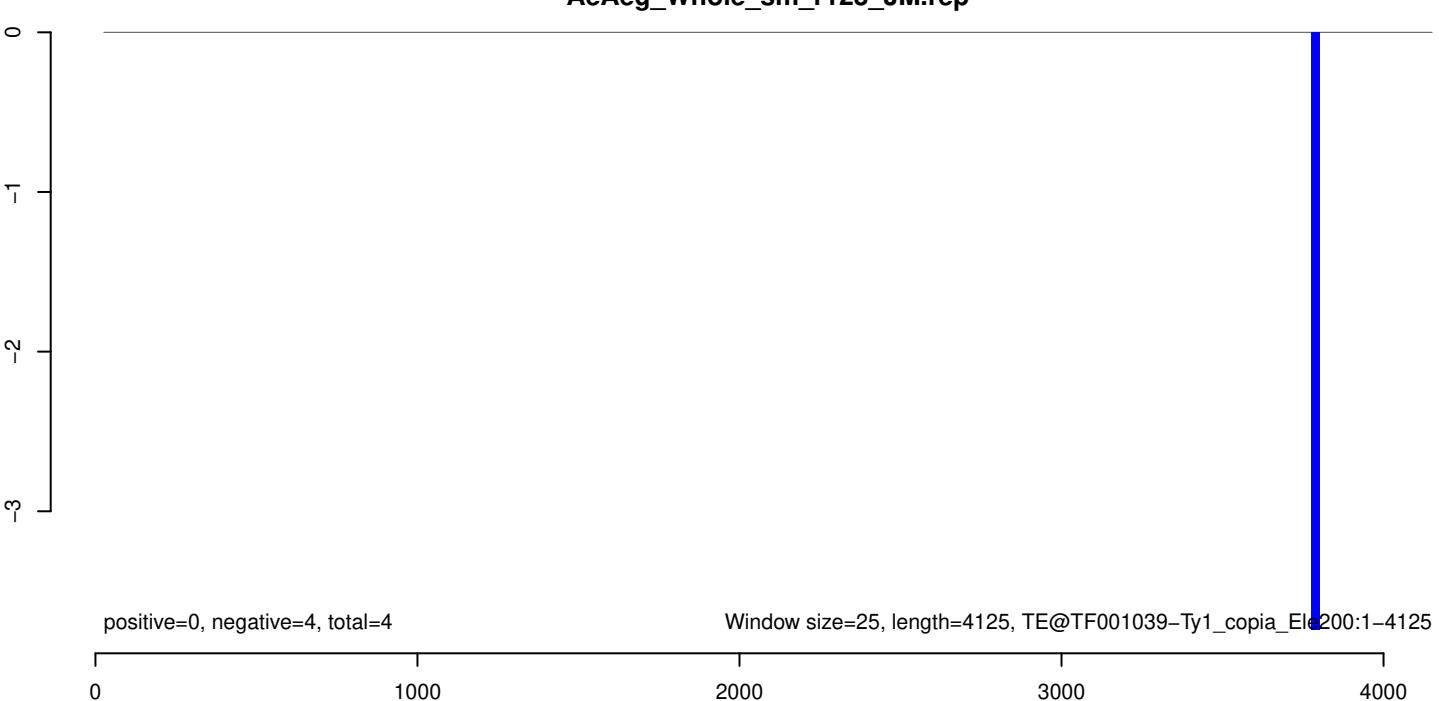
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



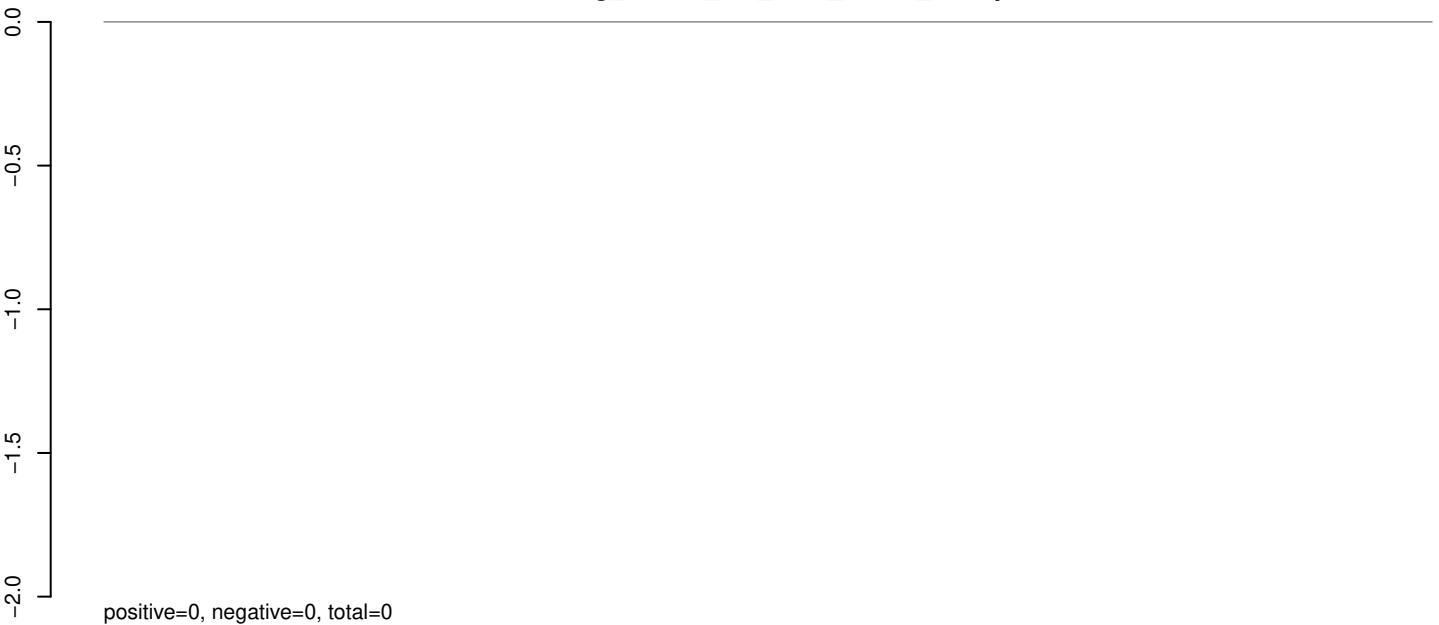
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



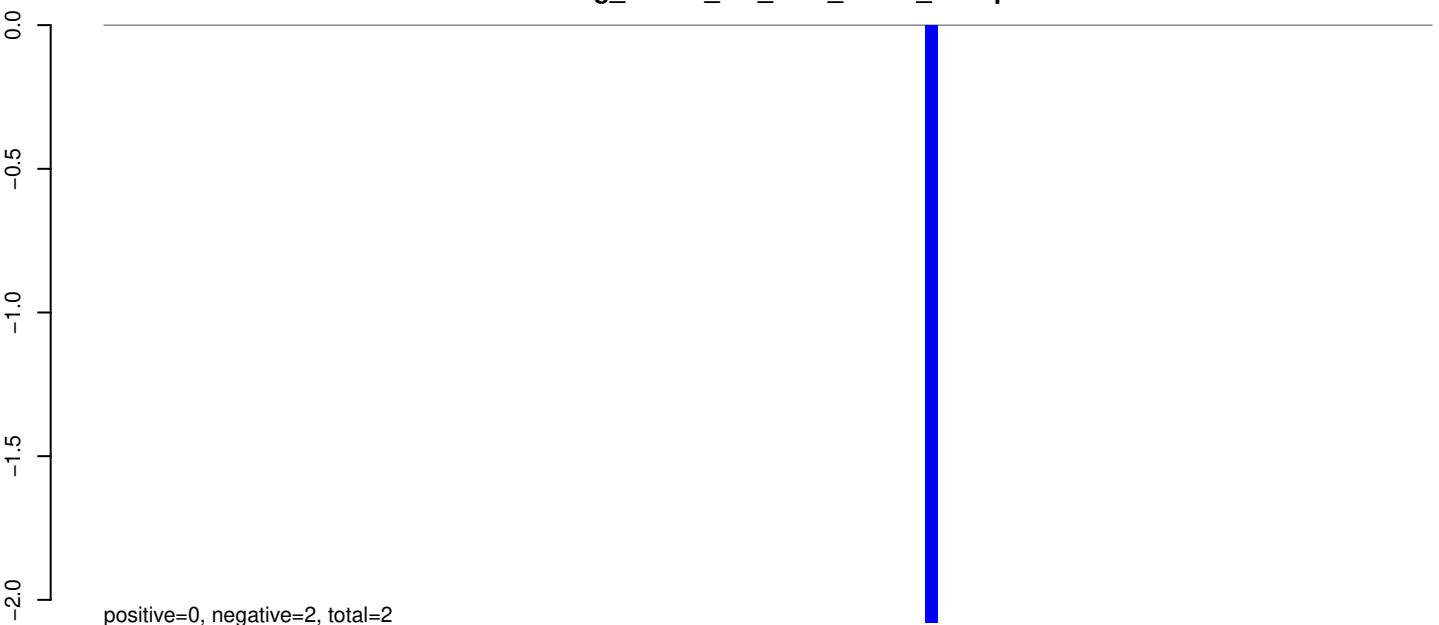
**AeAeg\_Whole\_sm\_r123\_JM.rep**



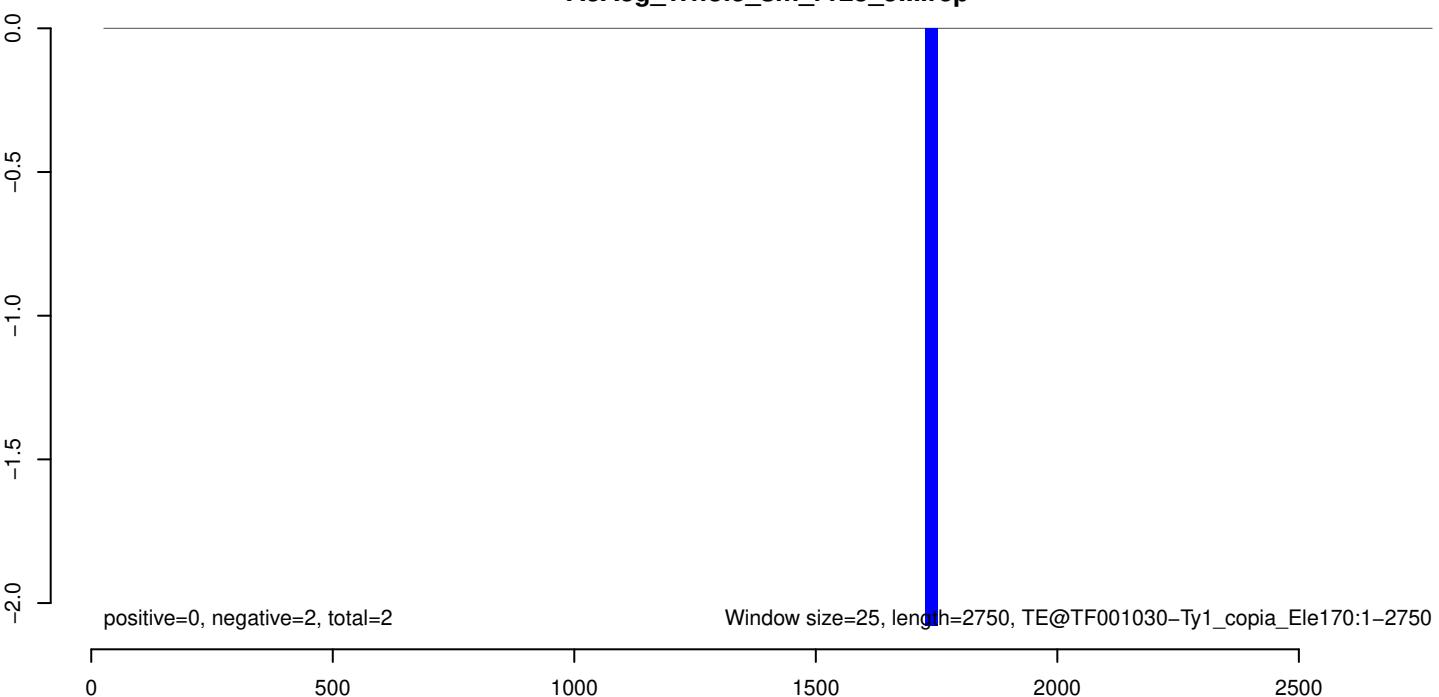
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

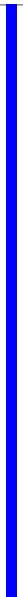


### AeAeg\_Whole\_sm\_r123\_JM.rep



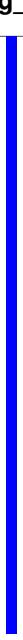
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.rep

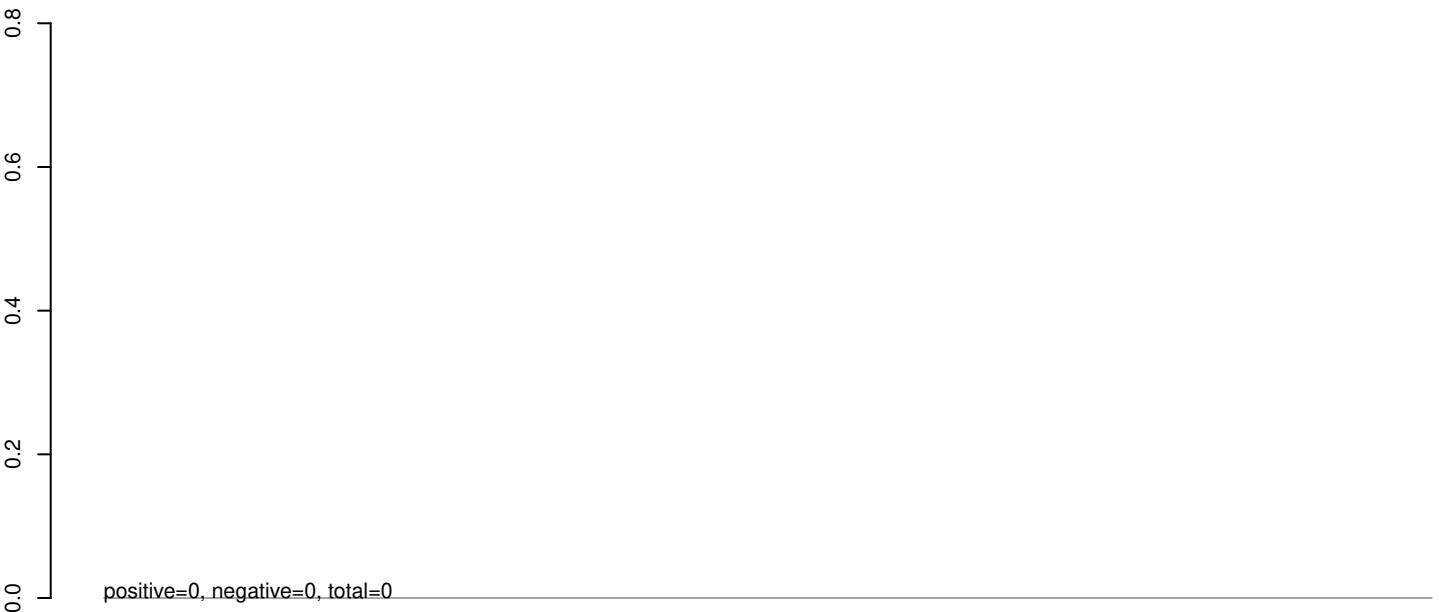
positive=0, negative=1, total=1



Window size=25, length=3189, TE@TF001023-P\_ele6:1-3189

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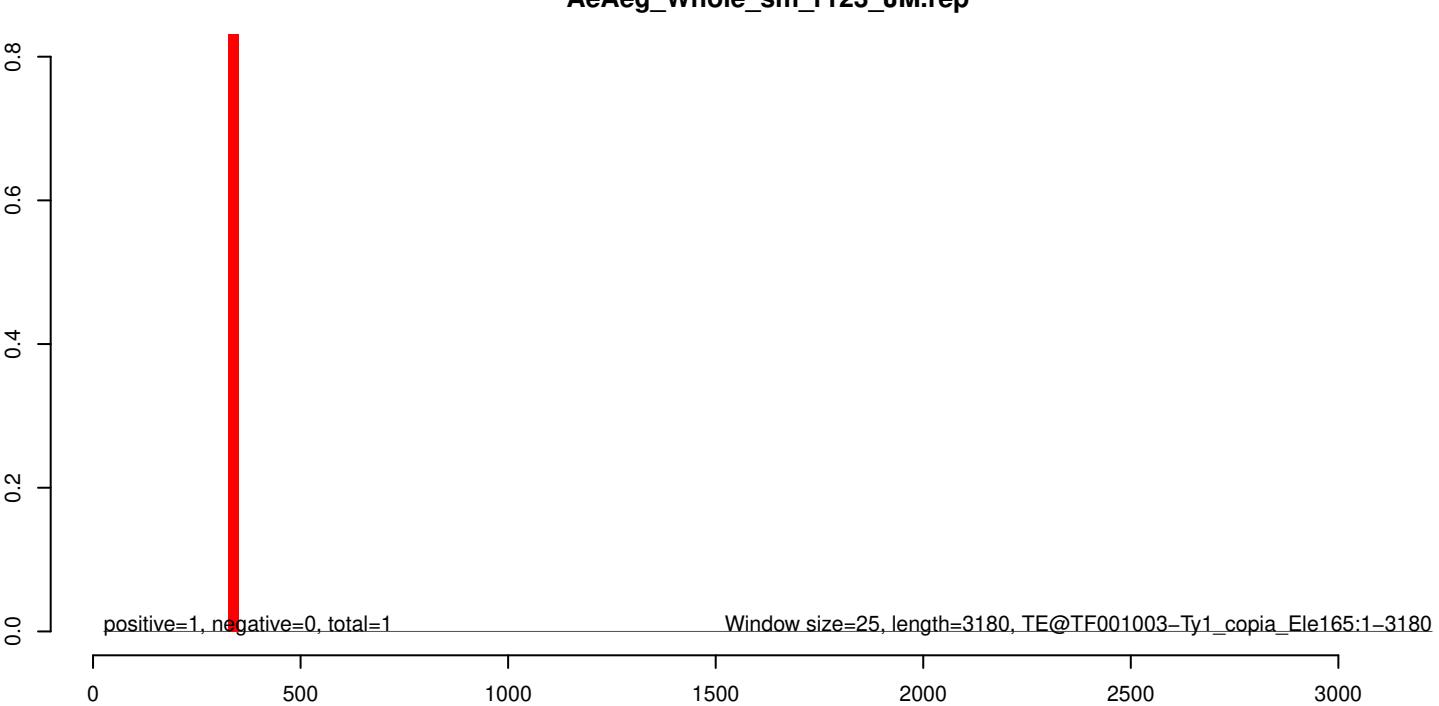
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=1, negative=0, total=1

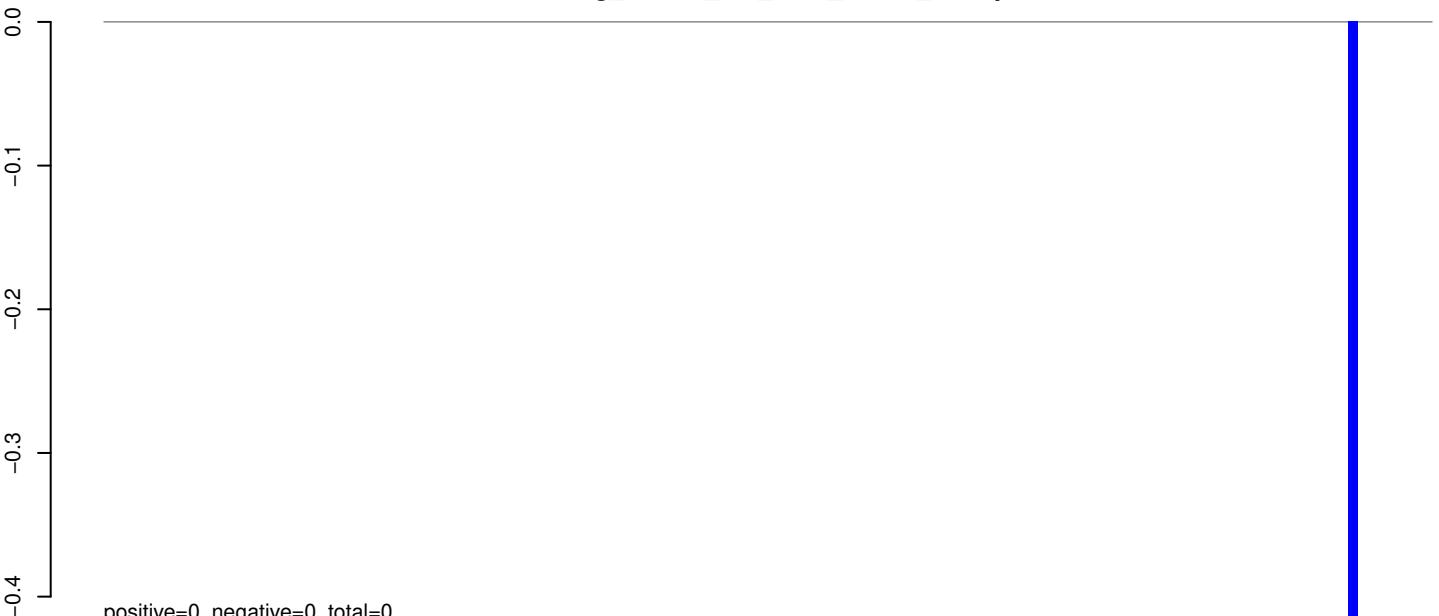
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=1, negative=0, total=1

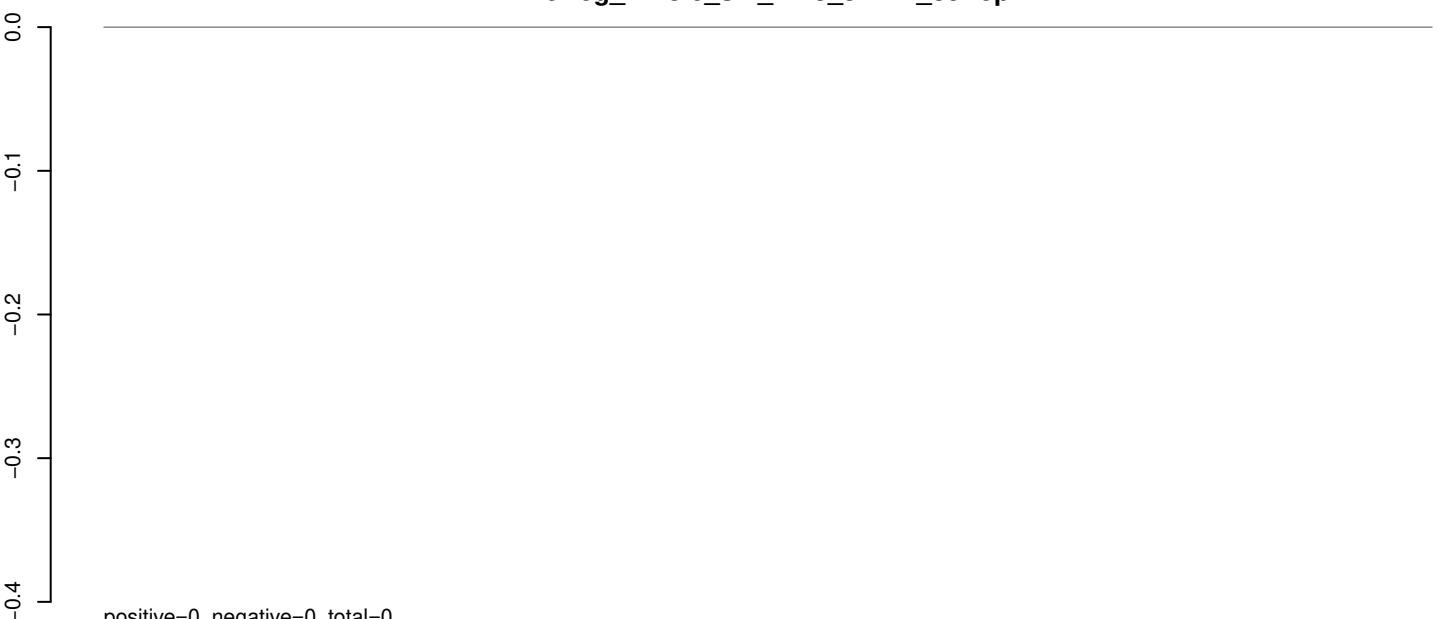
Window size=25, length=3029, TE@TF000991-Ty1\_copia\_Ele121:1-3029

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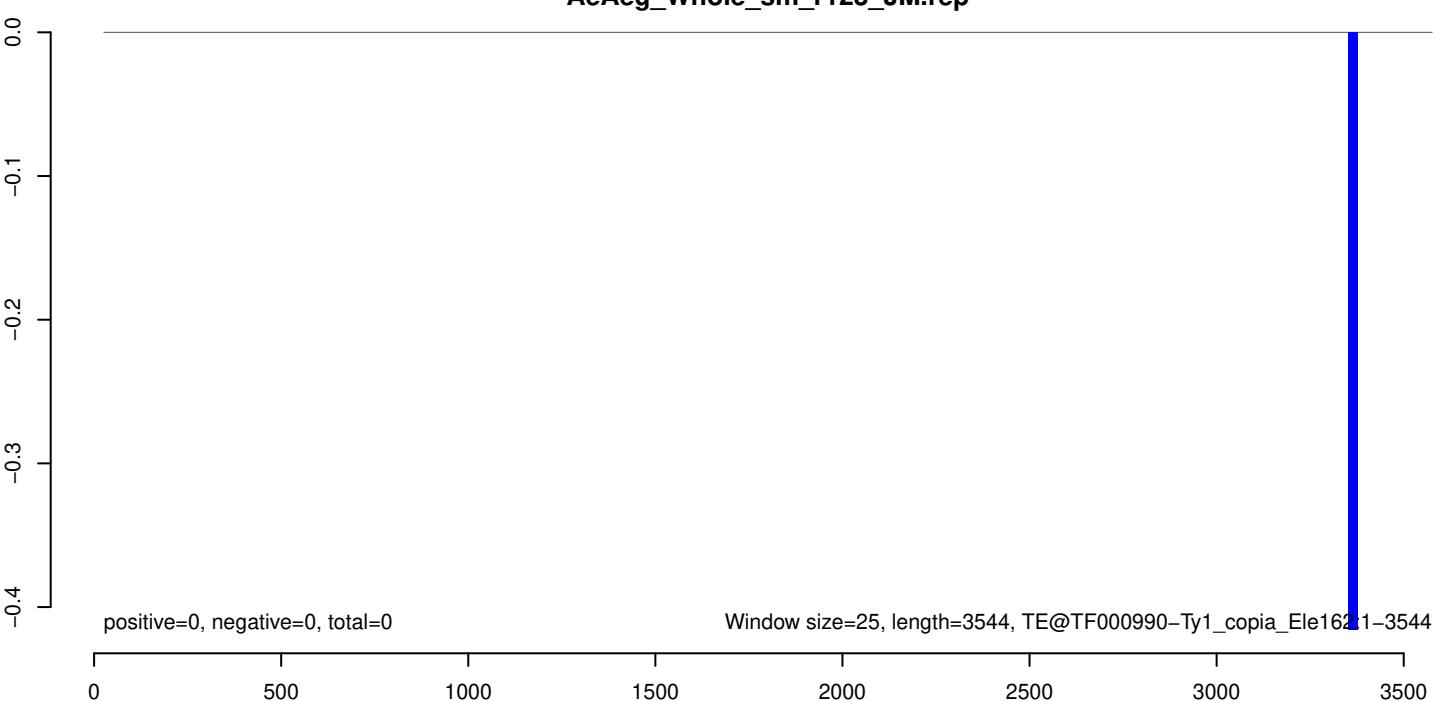
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



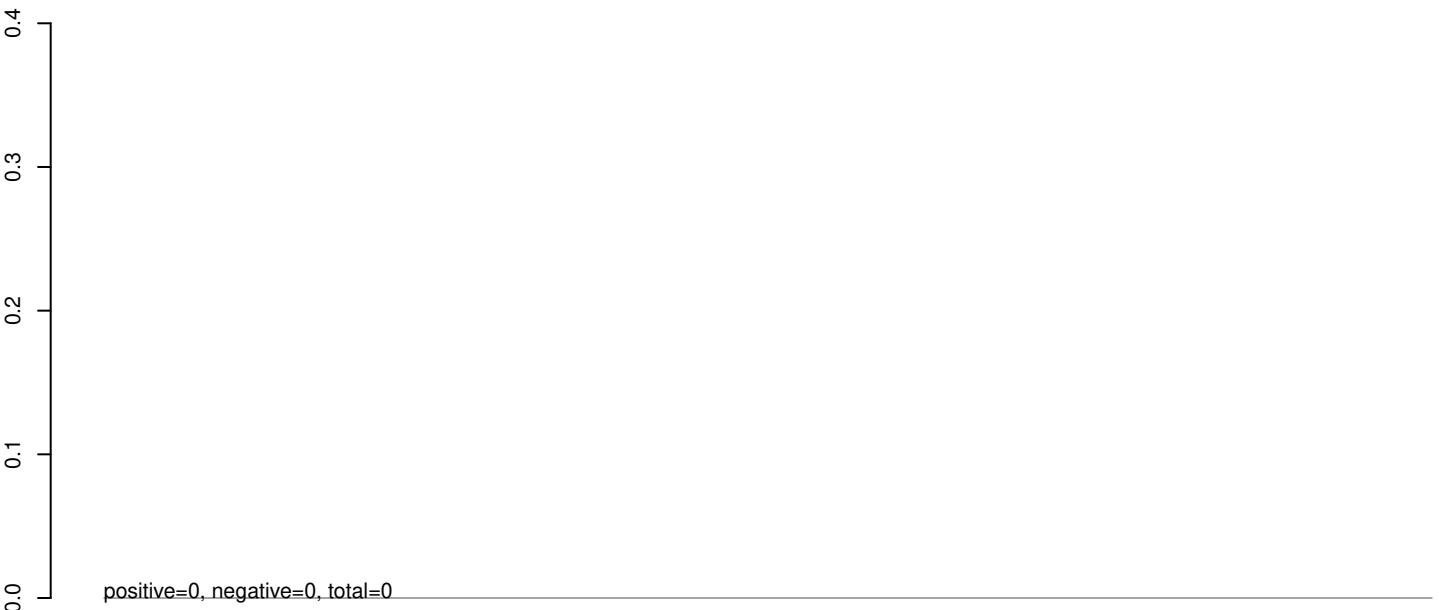
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



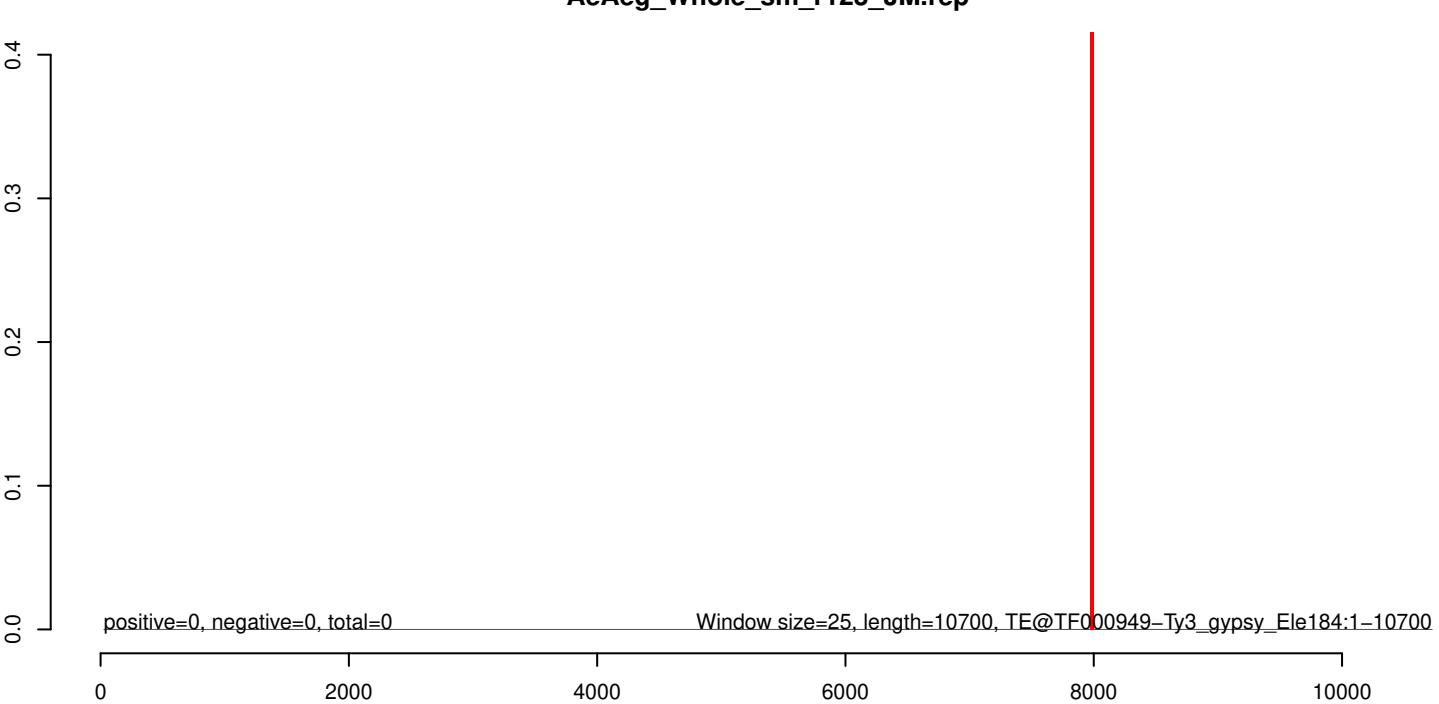
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



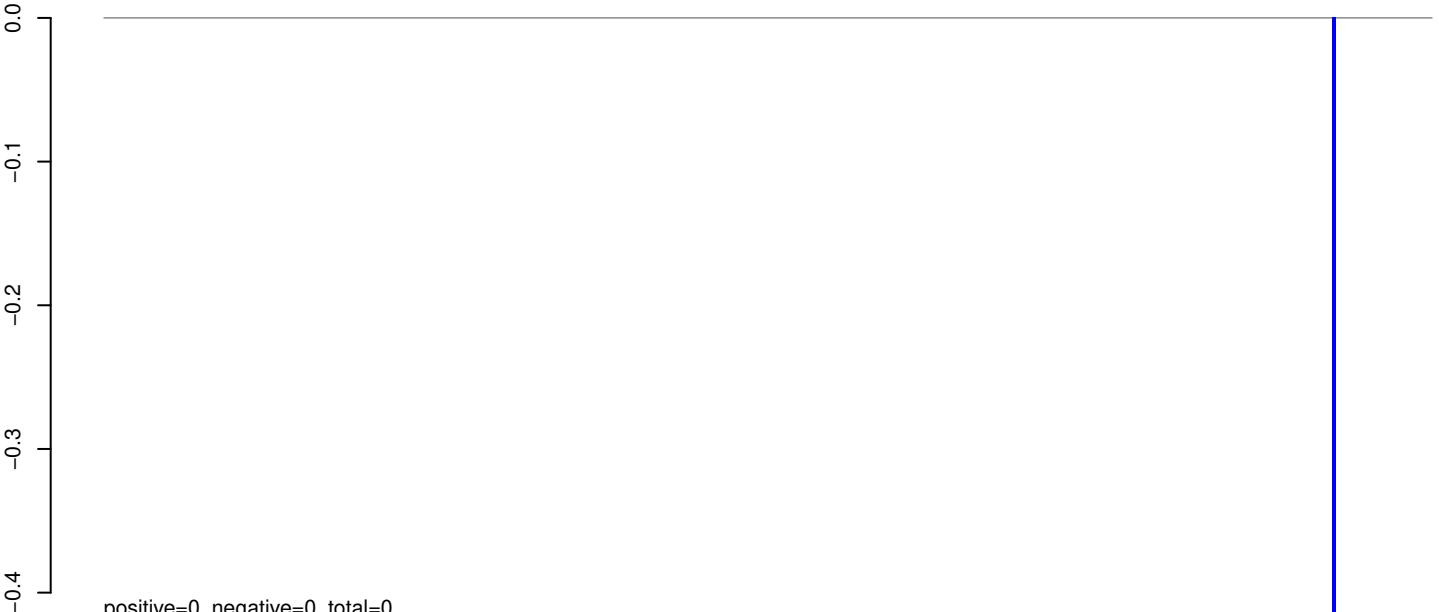
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



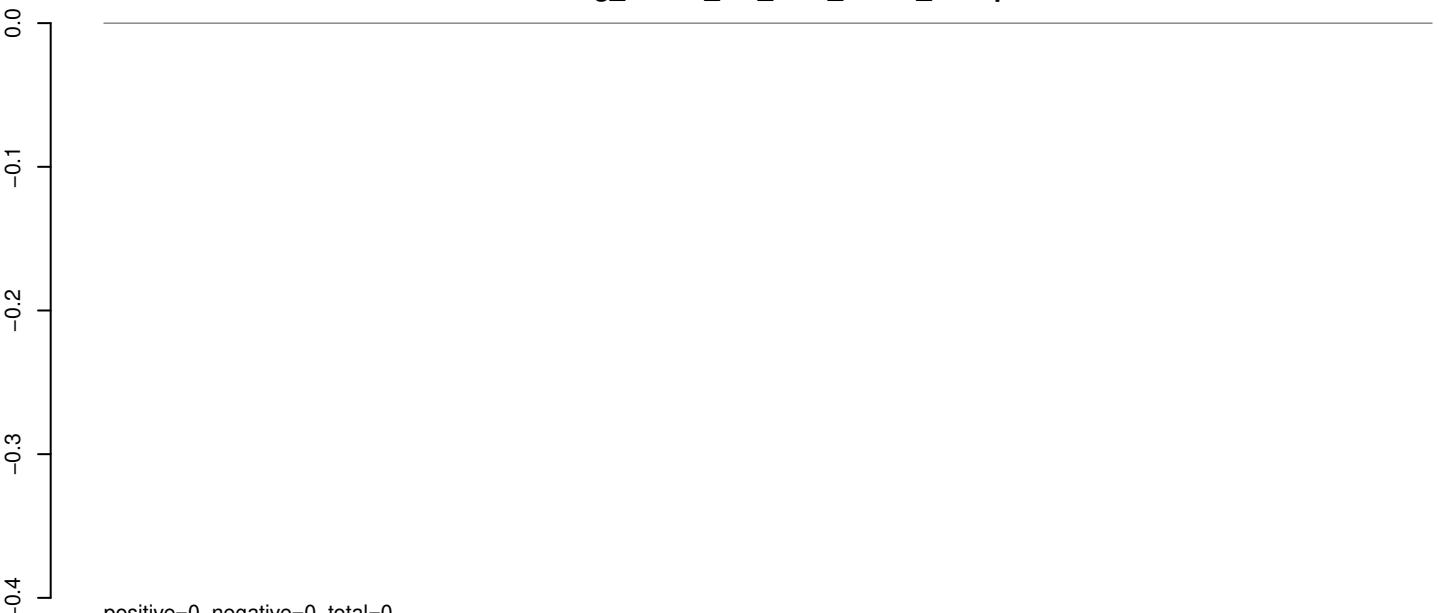
**AeAeg\_Whole\_sm\_r123\_JM.rep**



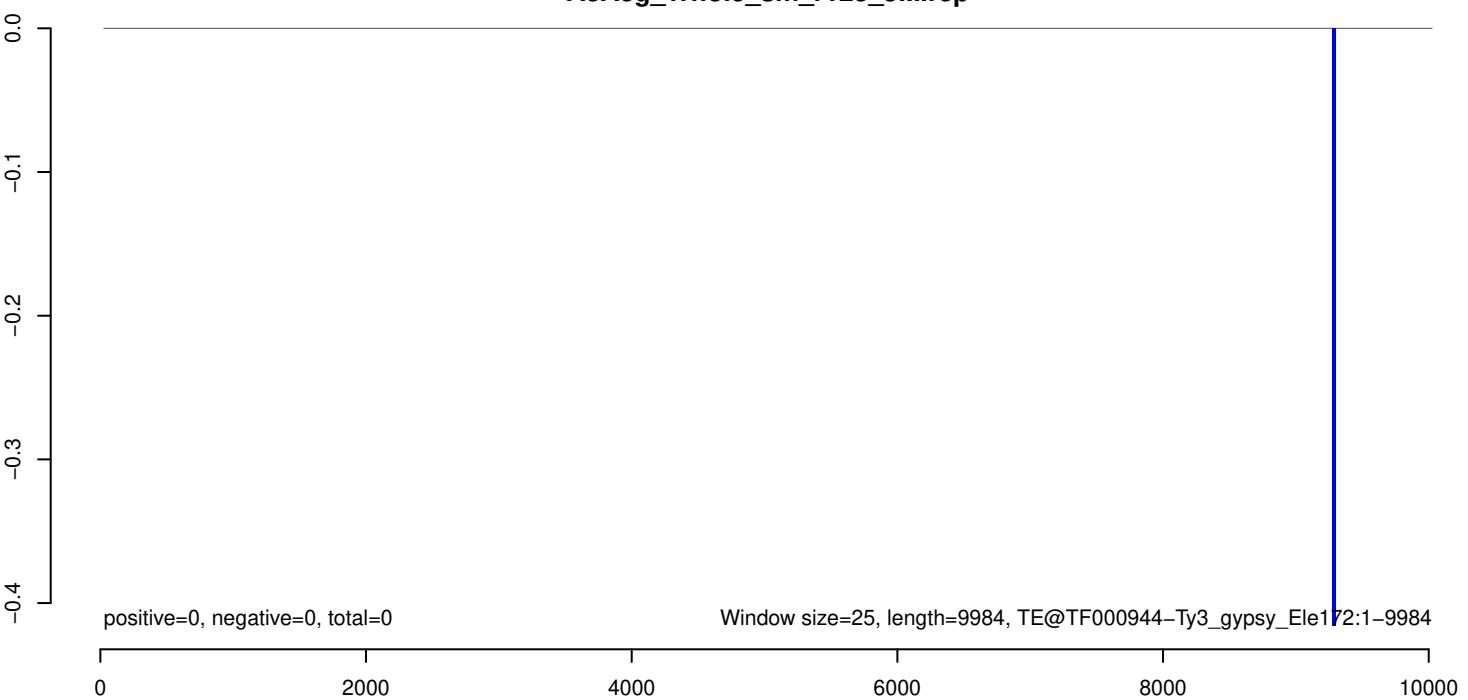
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

Window size=25, length=10199, TE@TF000942-Ty3\_gypsy\_Ele174:1-10199



0 2000 4000 6000 8000 10000

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

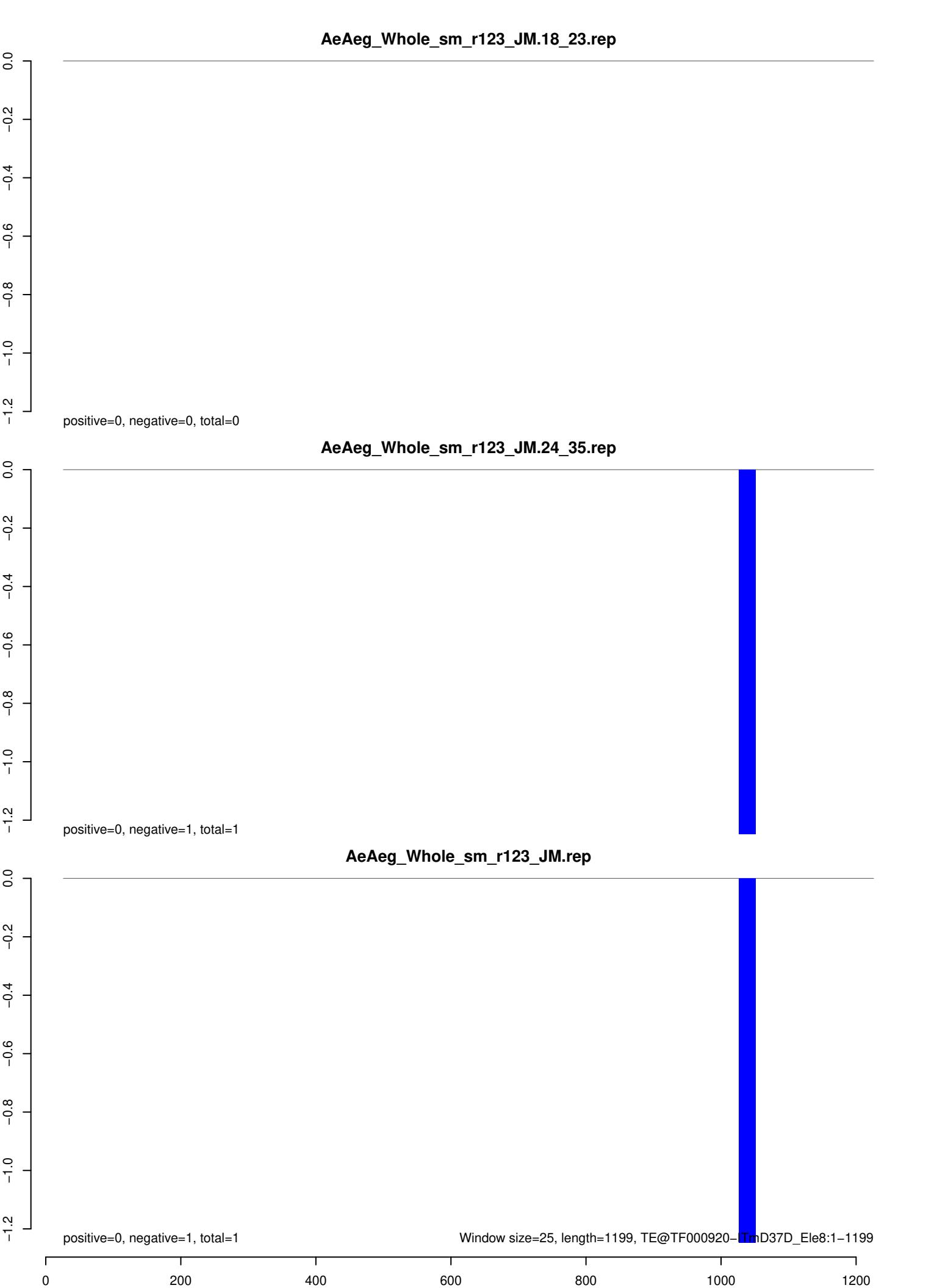
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

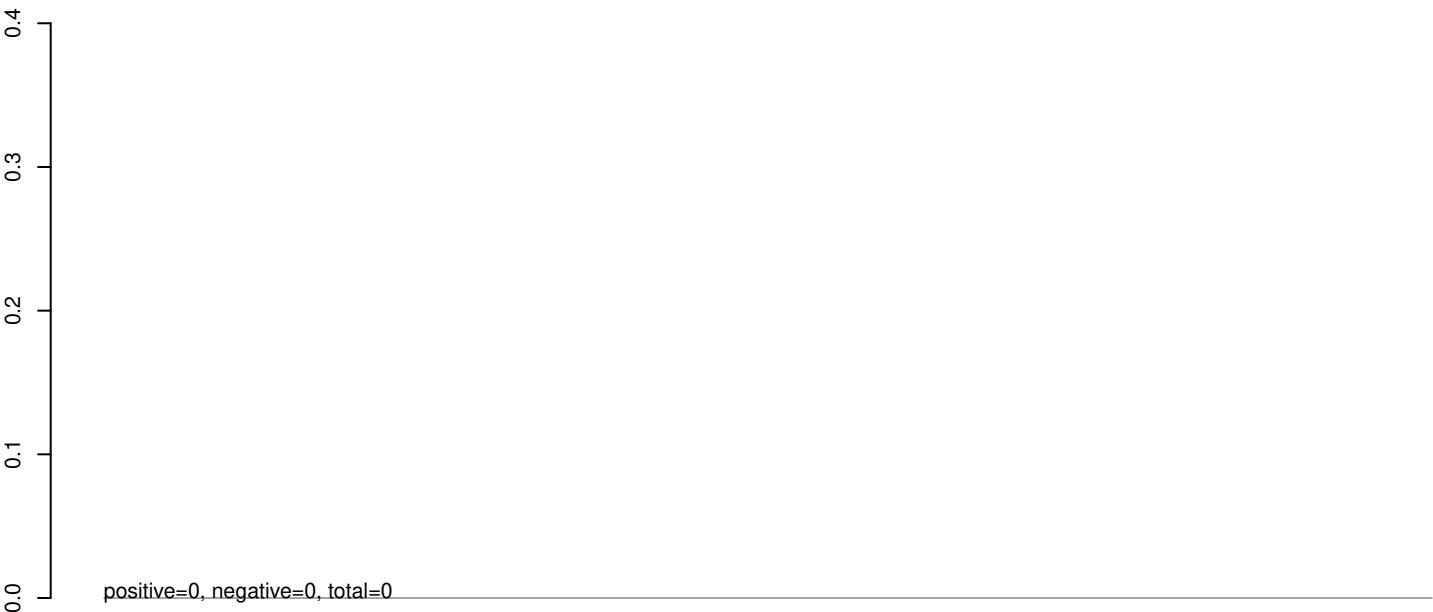
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

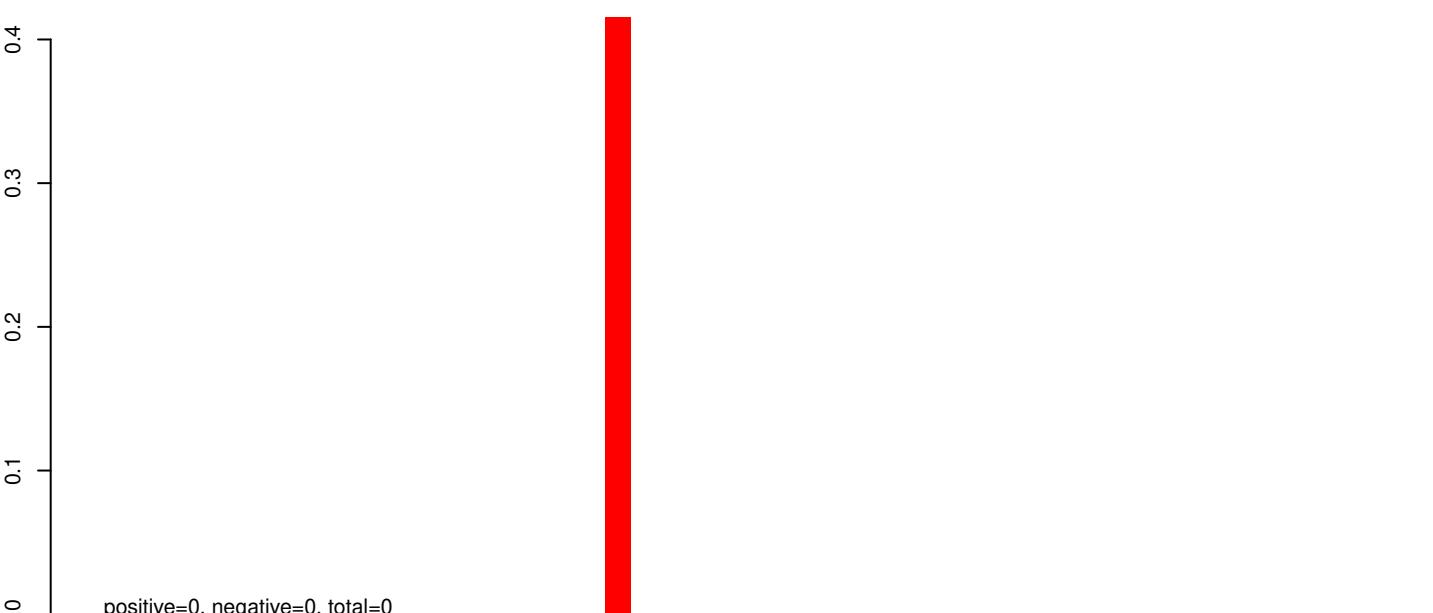
Window size=25, length=1199, TE@TF000920-ITD37D\_Ele8:1-1199



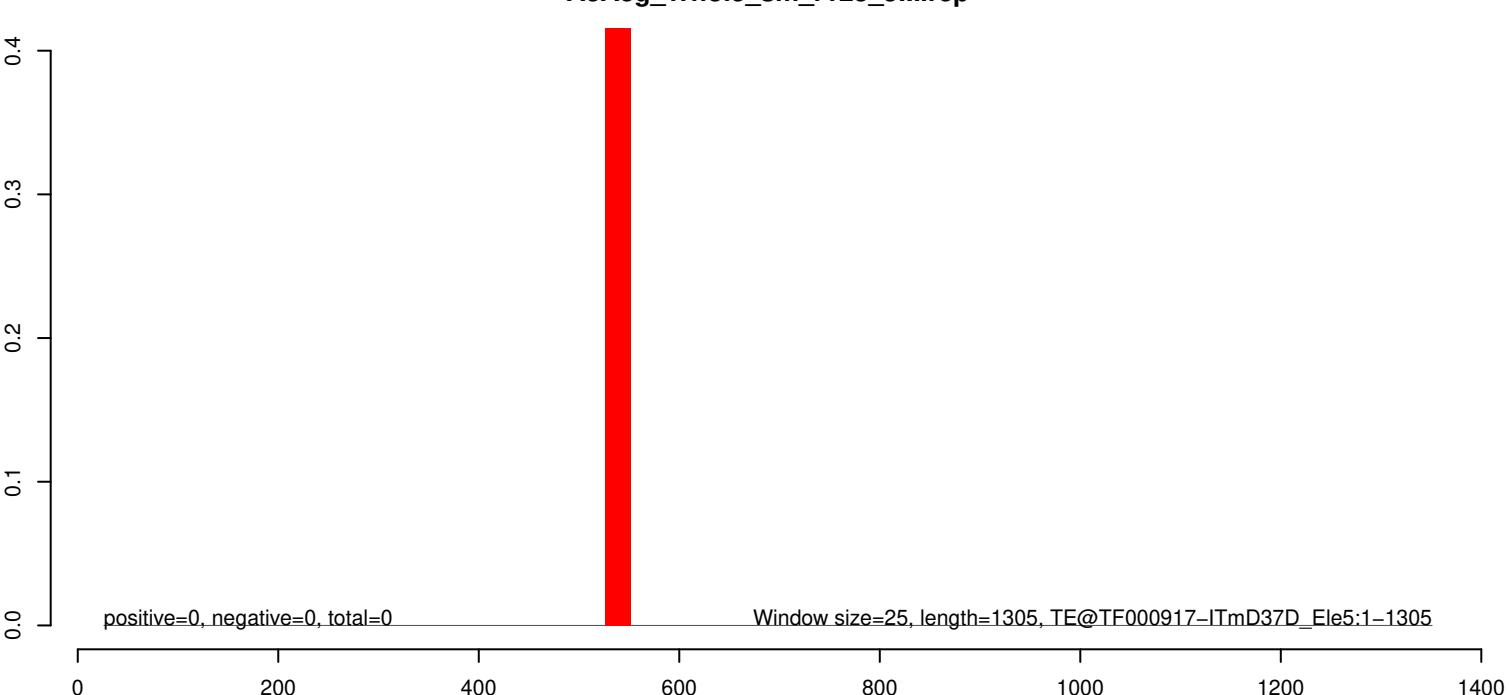
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



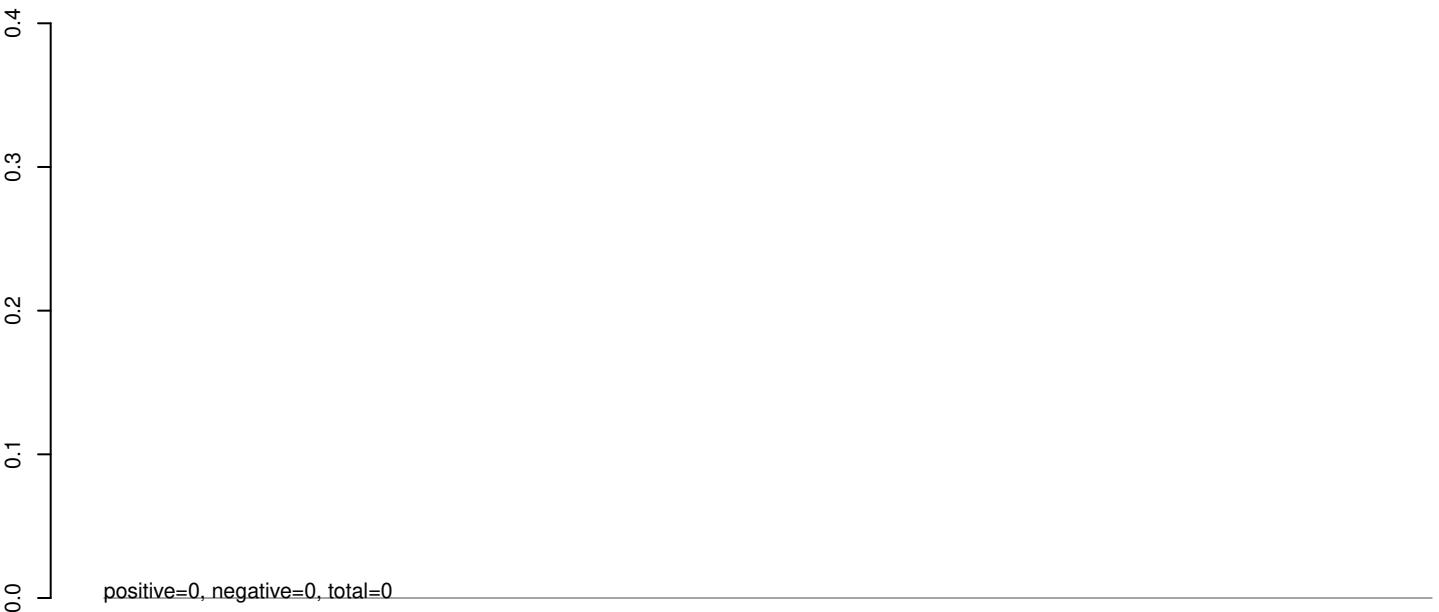
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



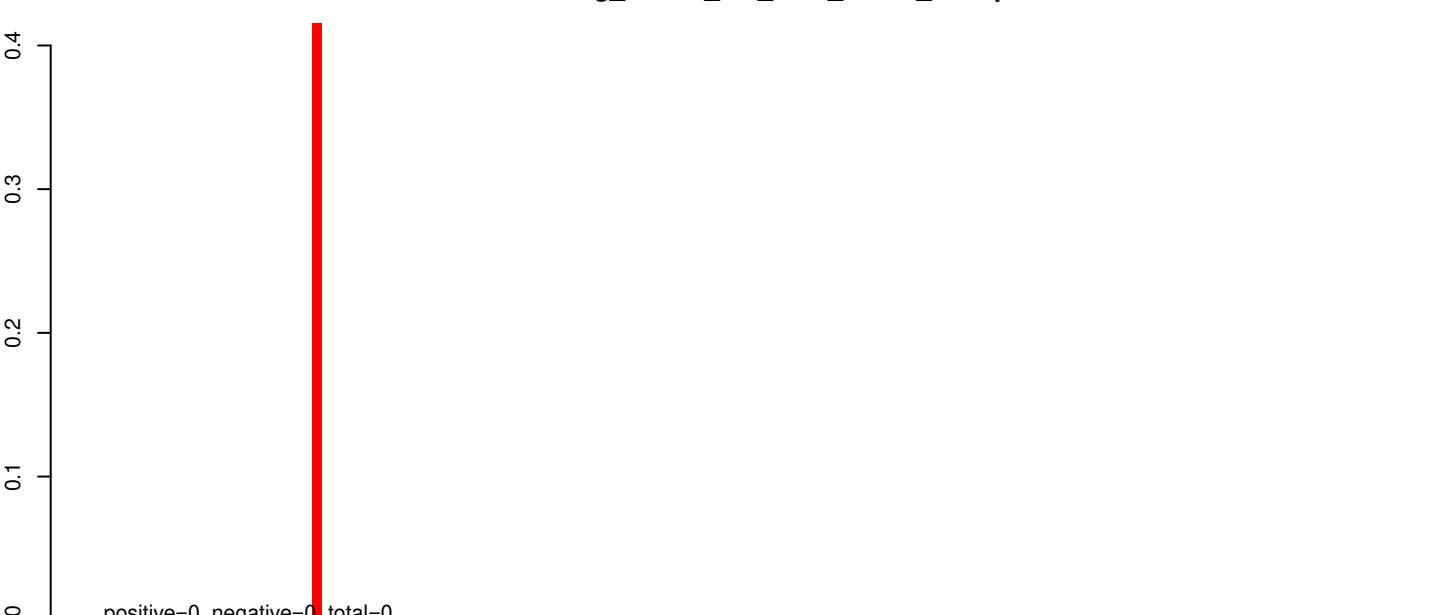
### AeAeg\_Whole\_sm\_r123\_JM.rep



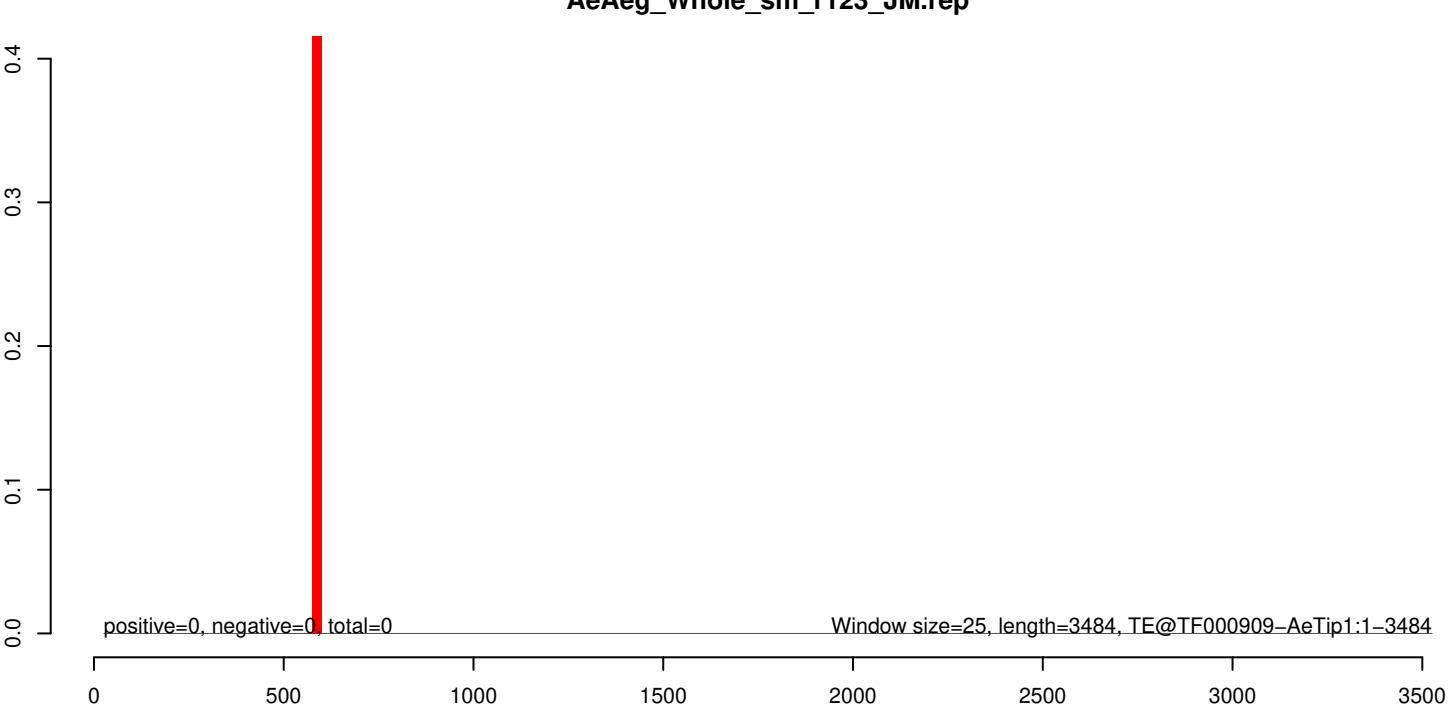
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



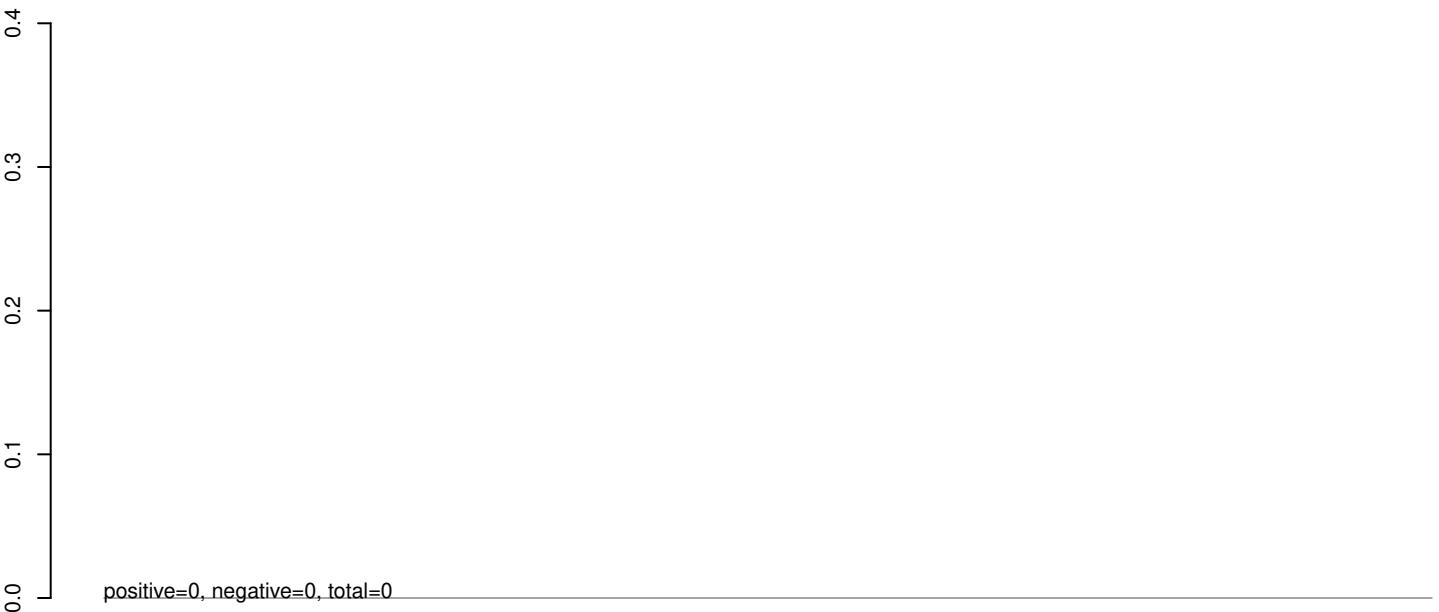
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



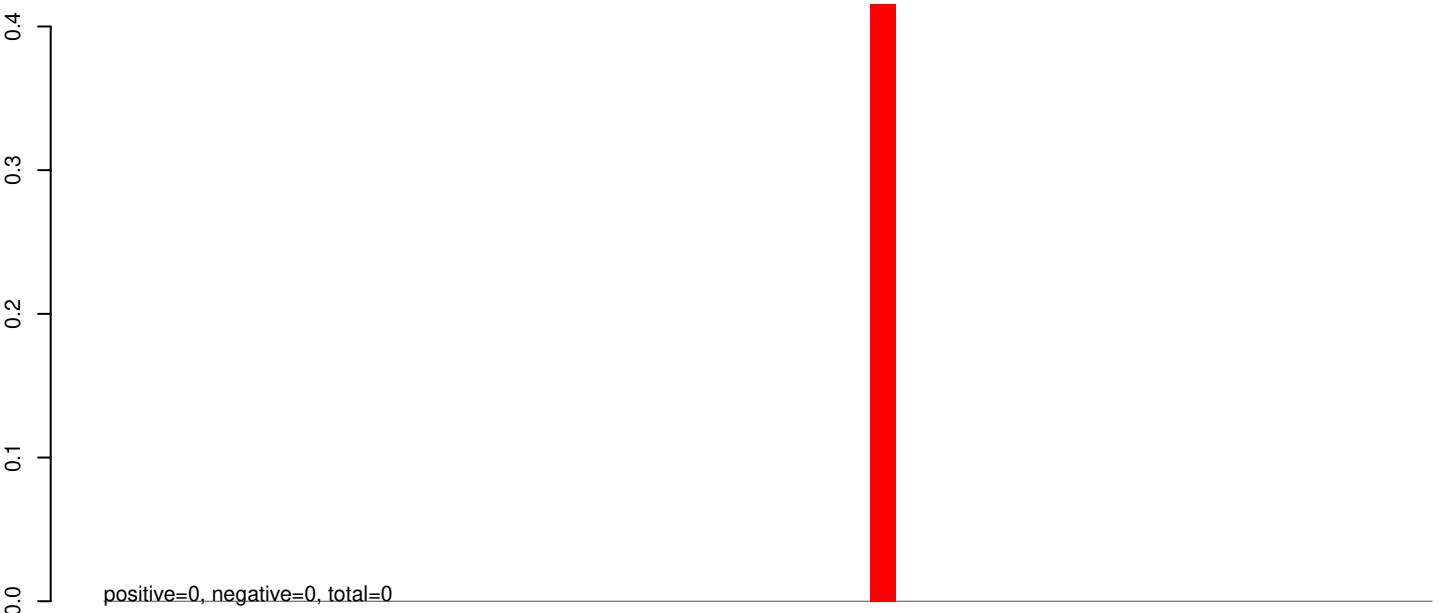
**AeAeg\_Whole\_sm\_r123\_JM.rep**



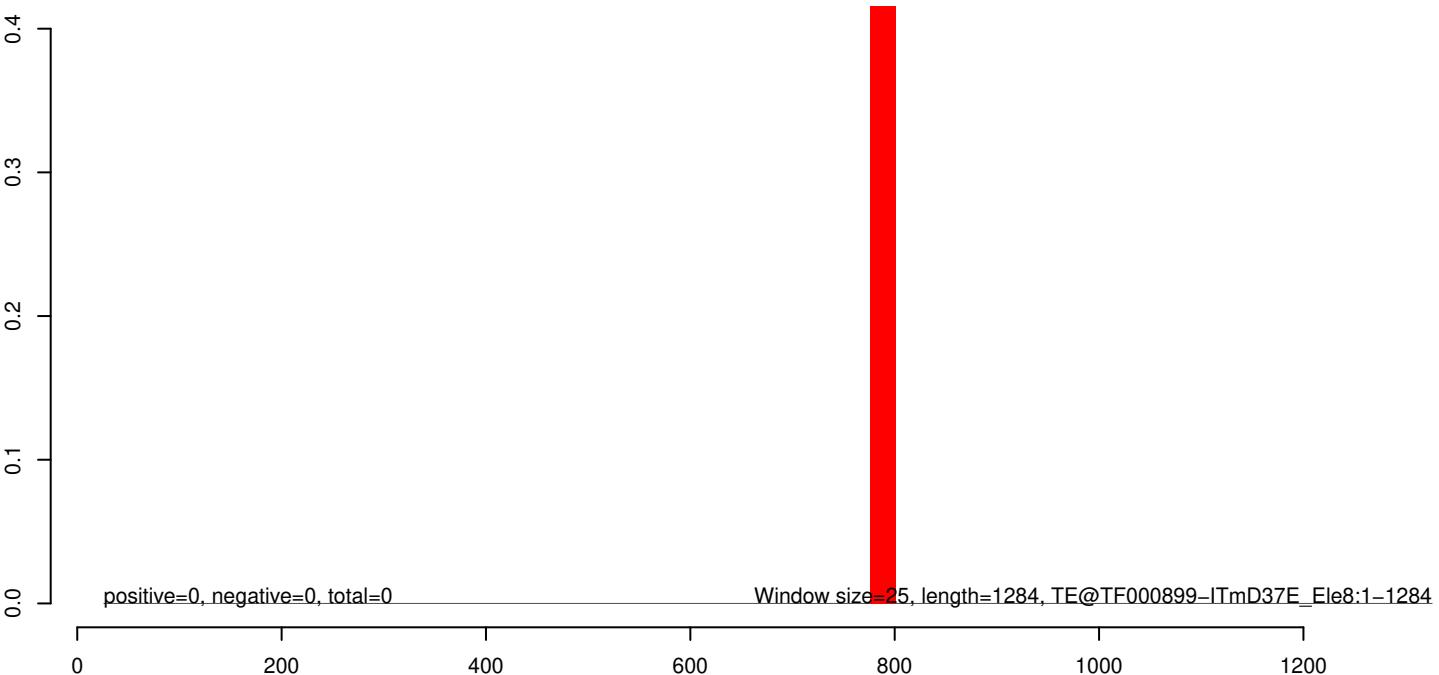
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



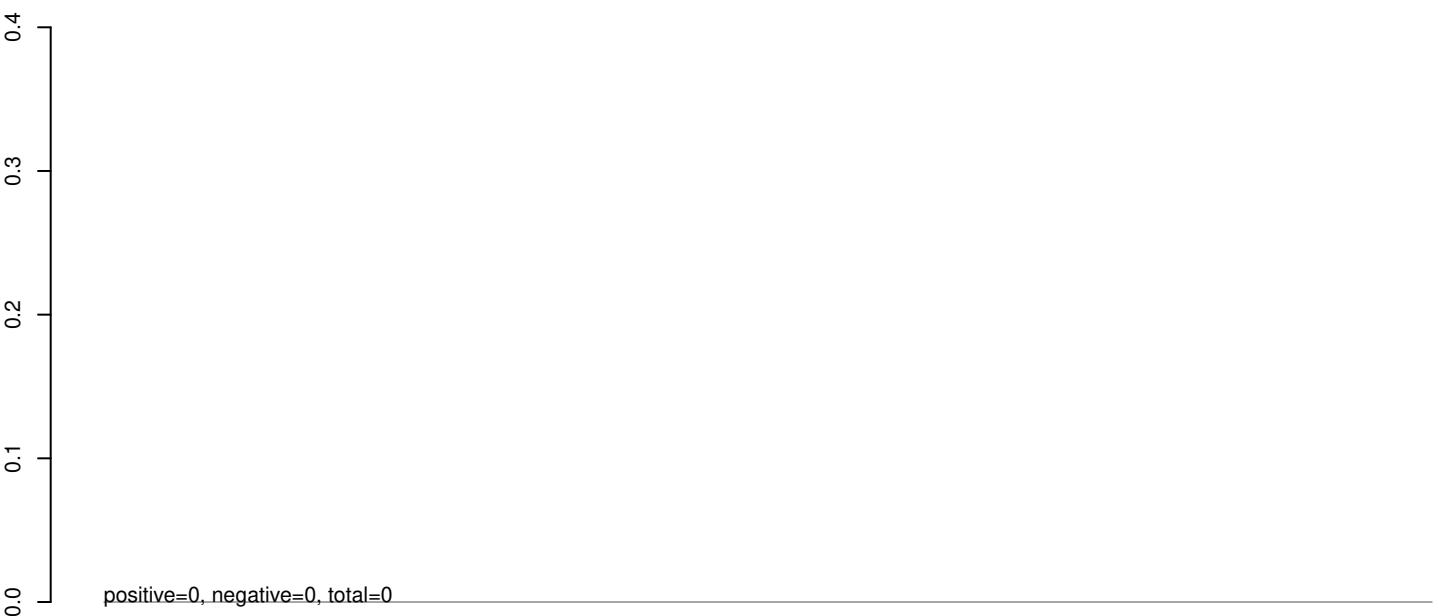
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



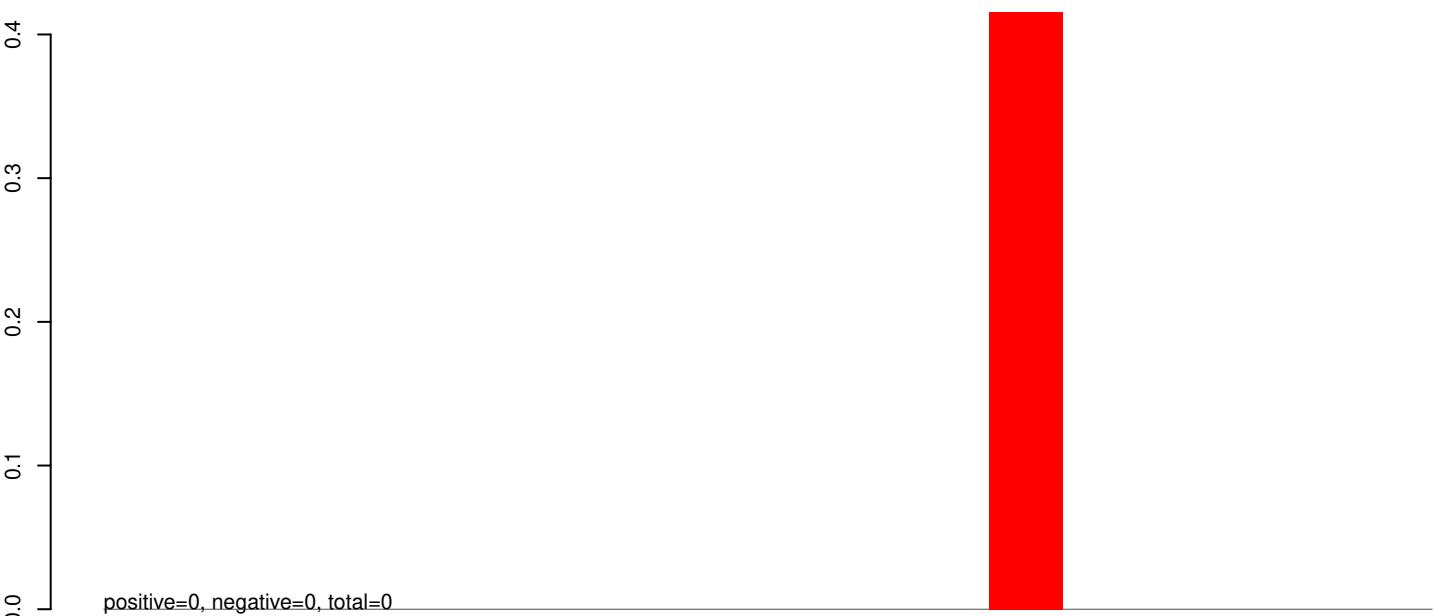
### AeAeg\_Whole\_sm\_r123\_JM.rep



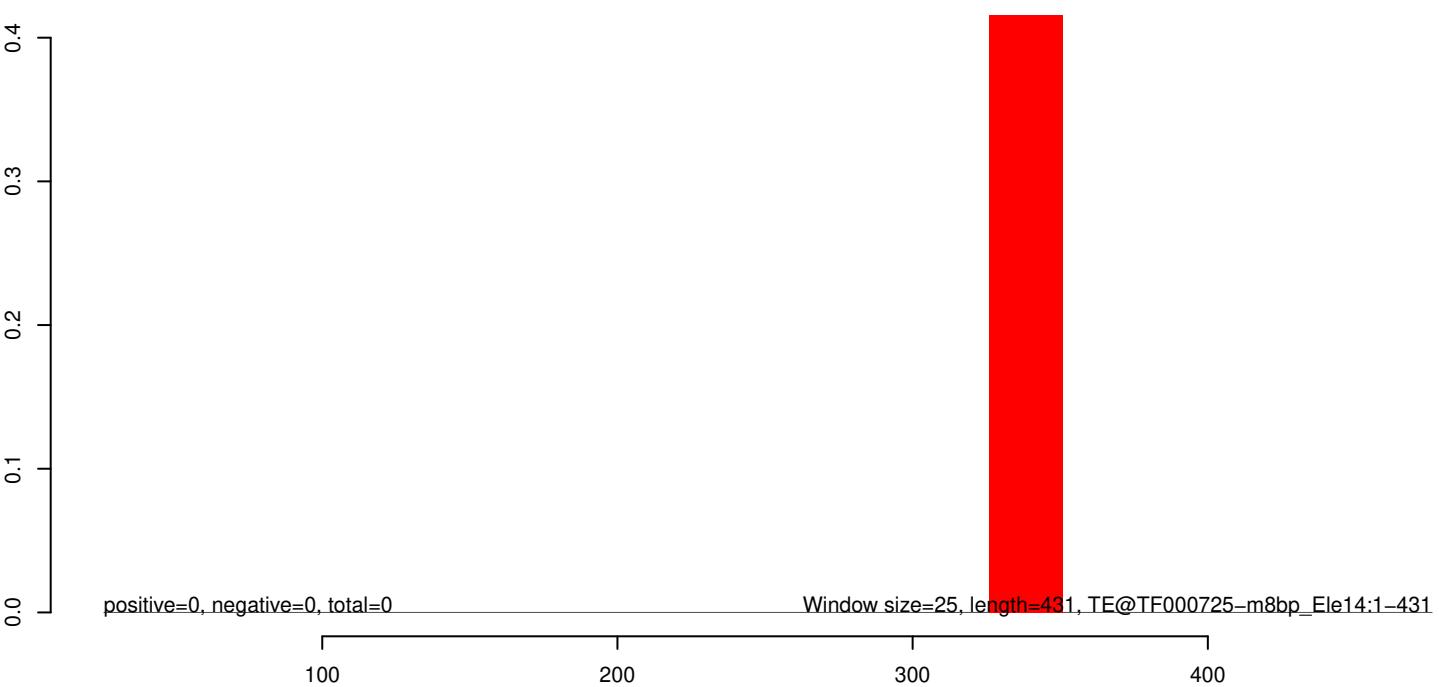
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

Window size=25, length=441, TE@TF000724-m8bp\_Ele13:1-441

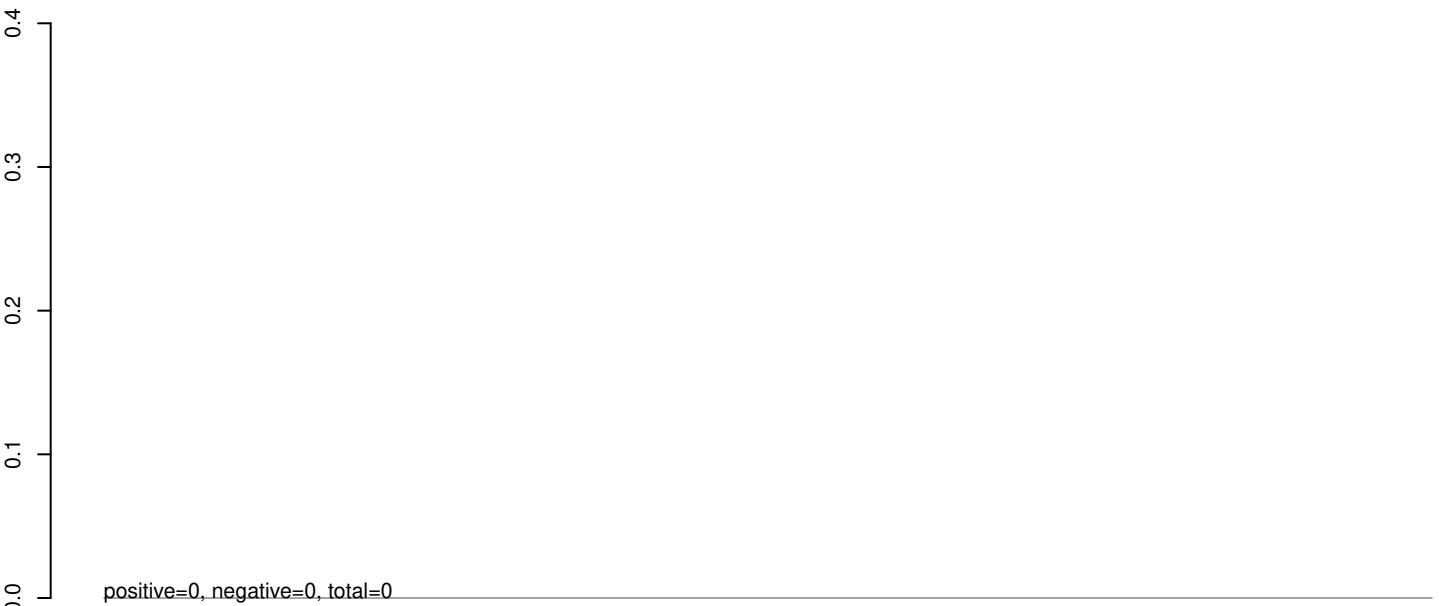
100

200

300

400

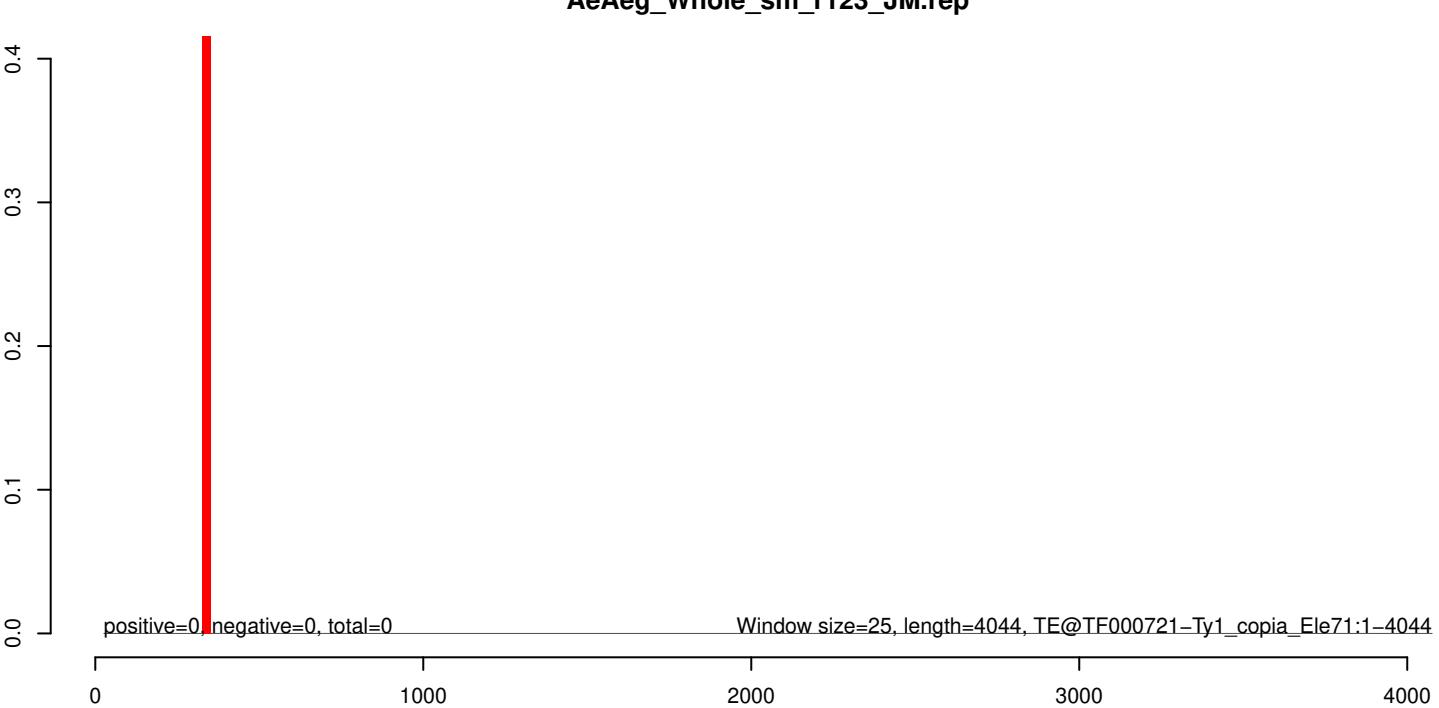
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=1, negative=0, total=1



AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0



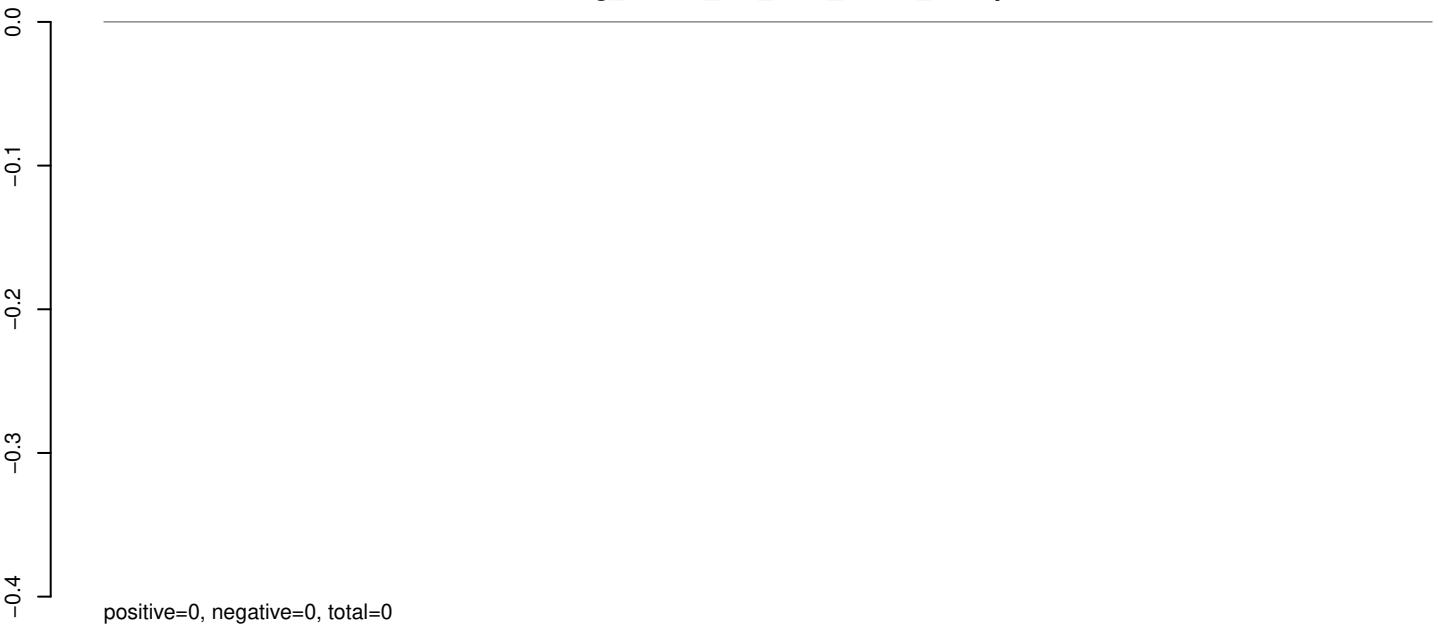
AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=0, total=1

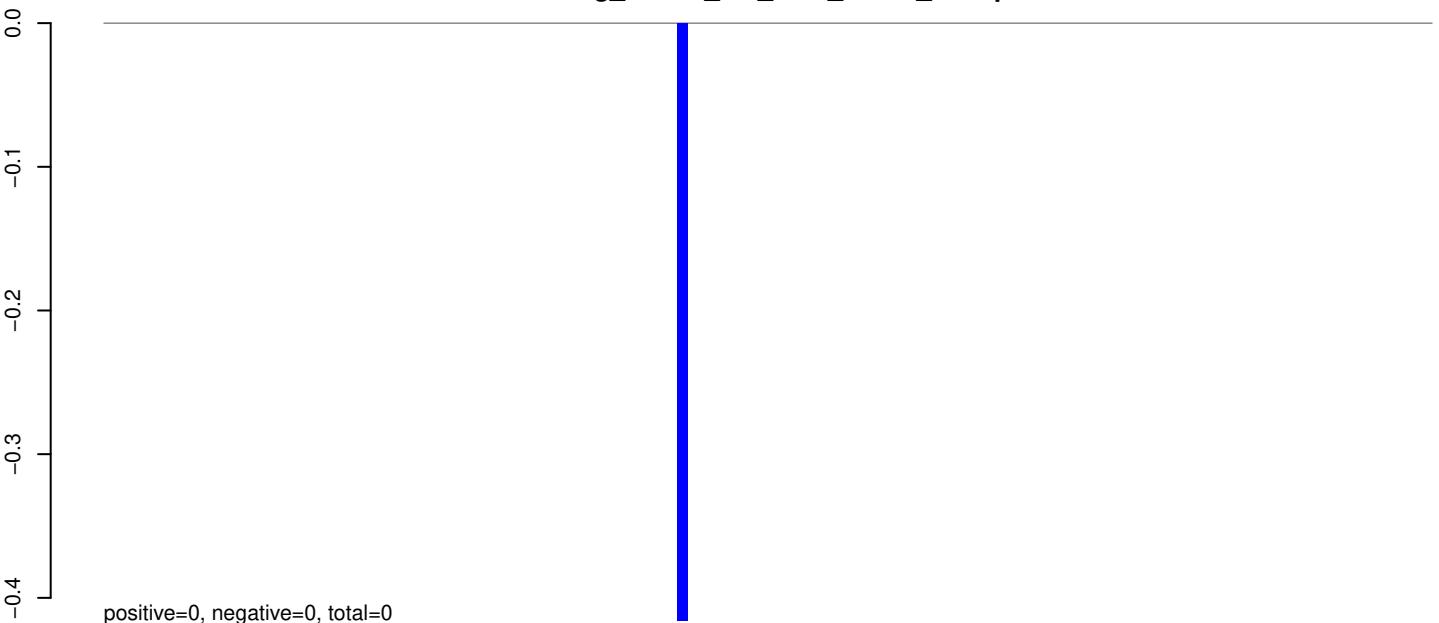
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50 100 150 200 250

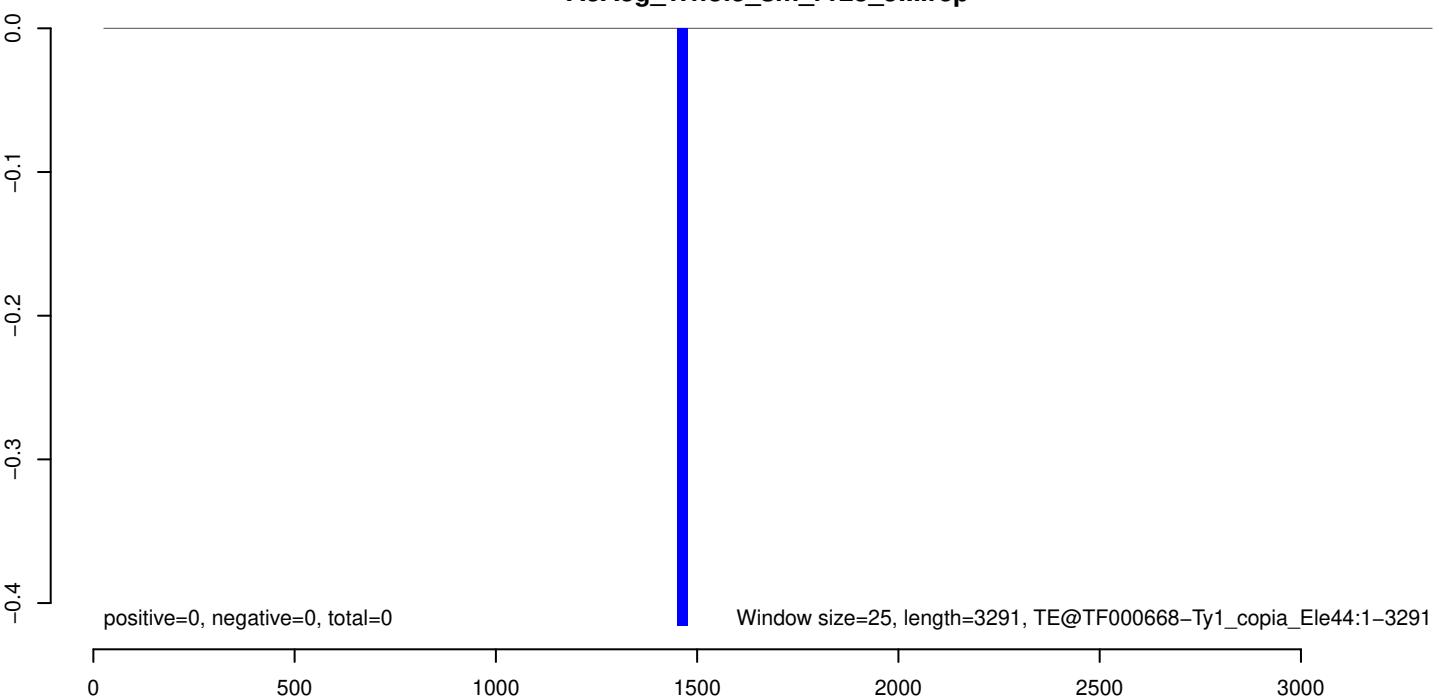
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



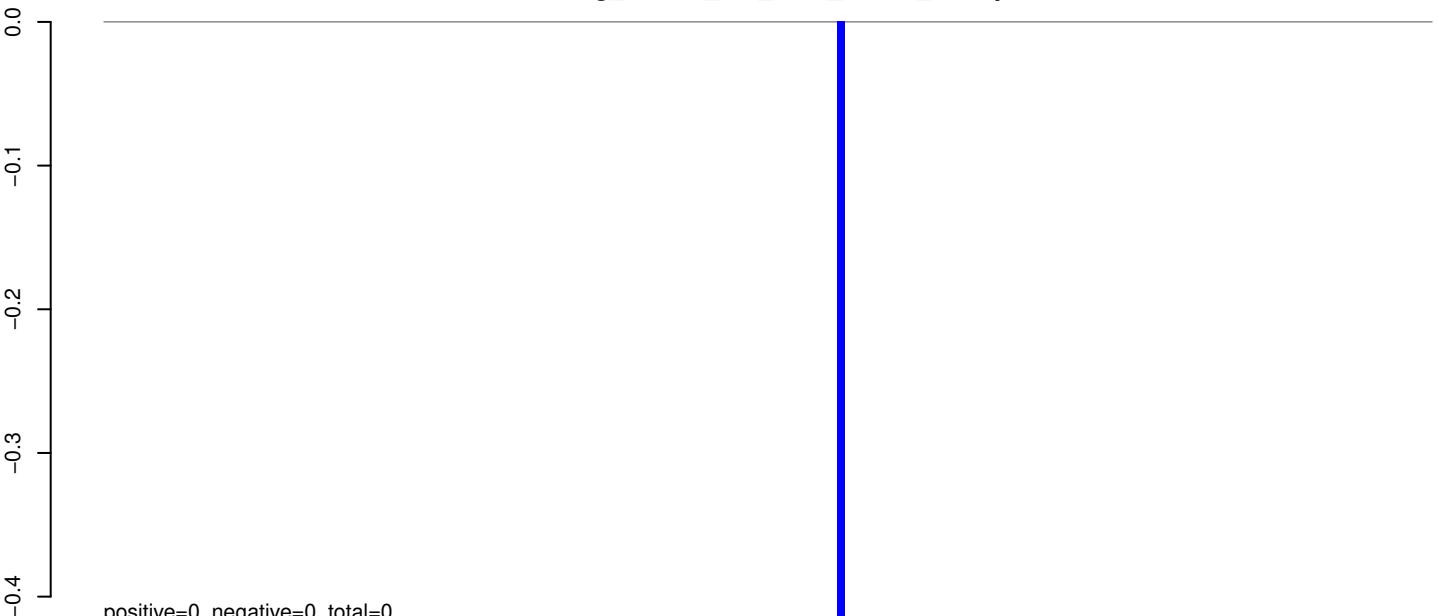
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



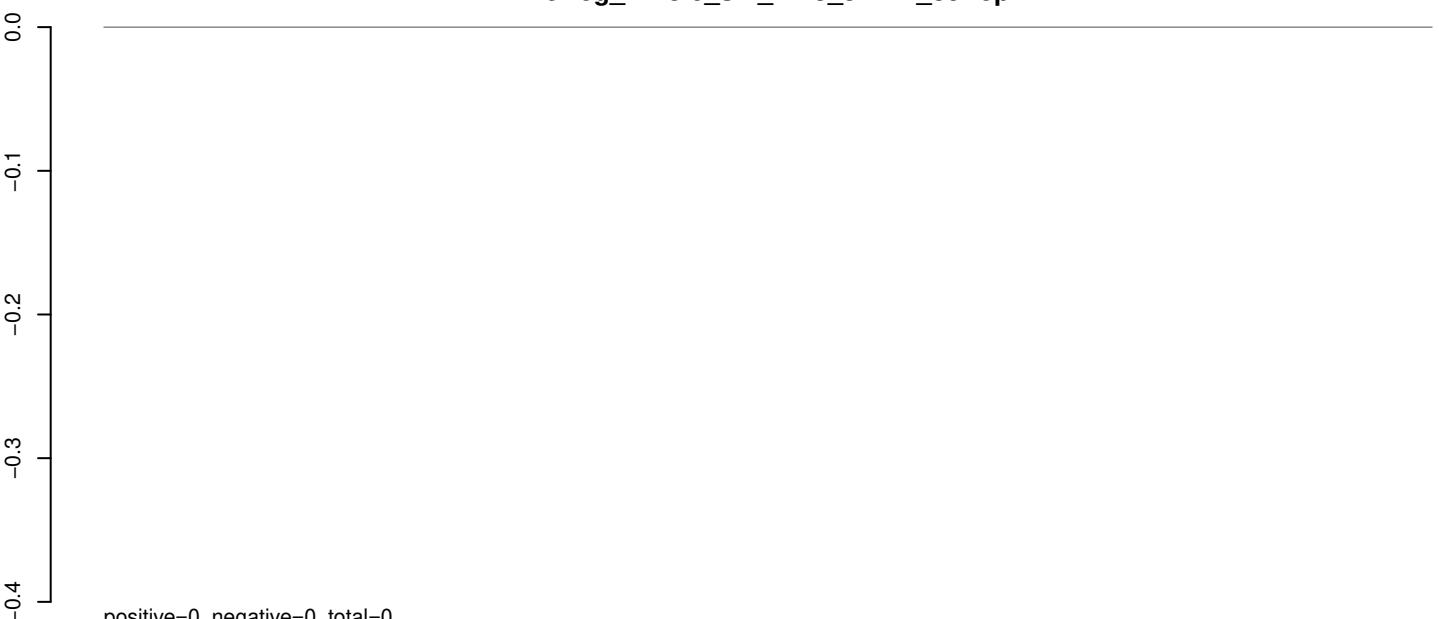
### AeAeg\_Whole\_sm\_r123\_JM.rep



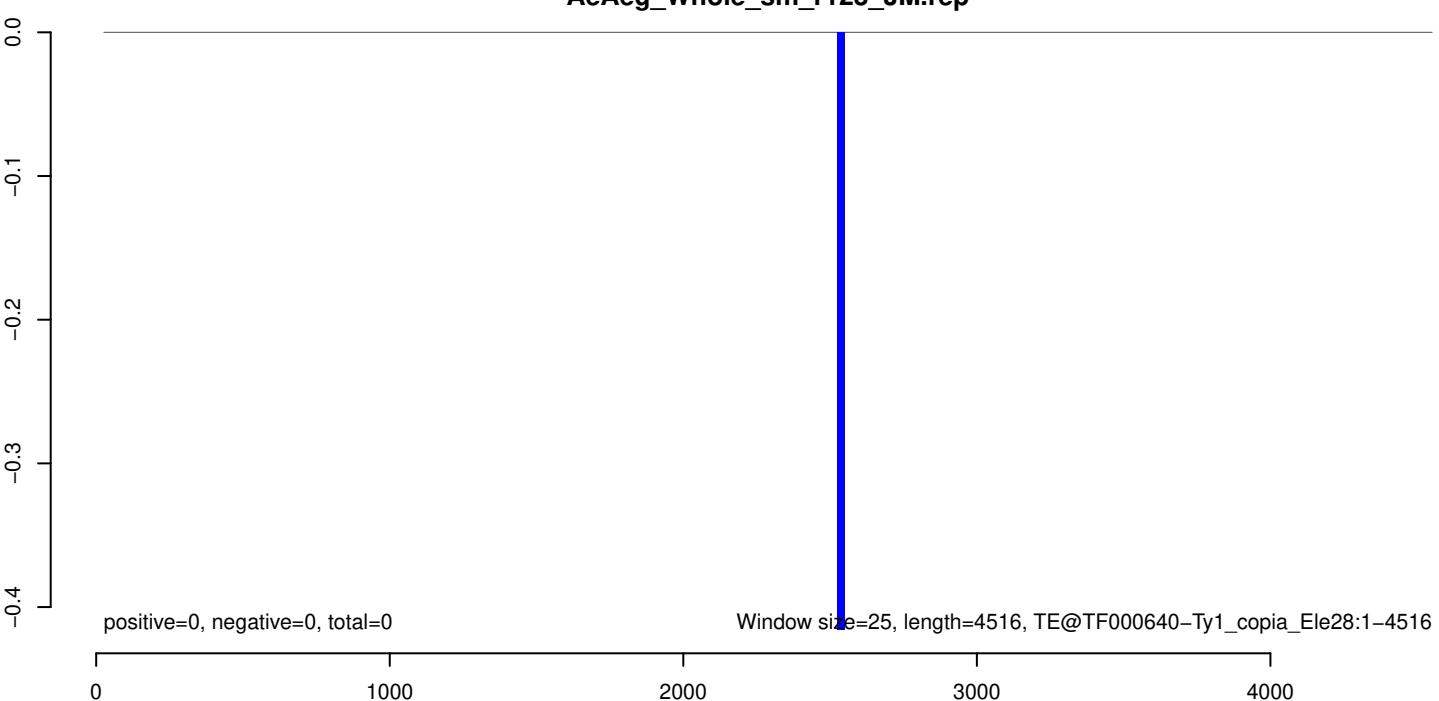
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



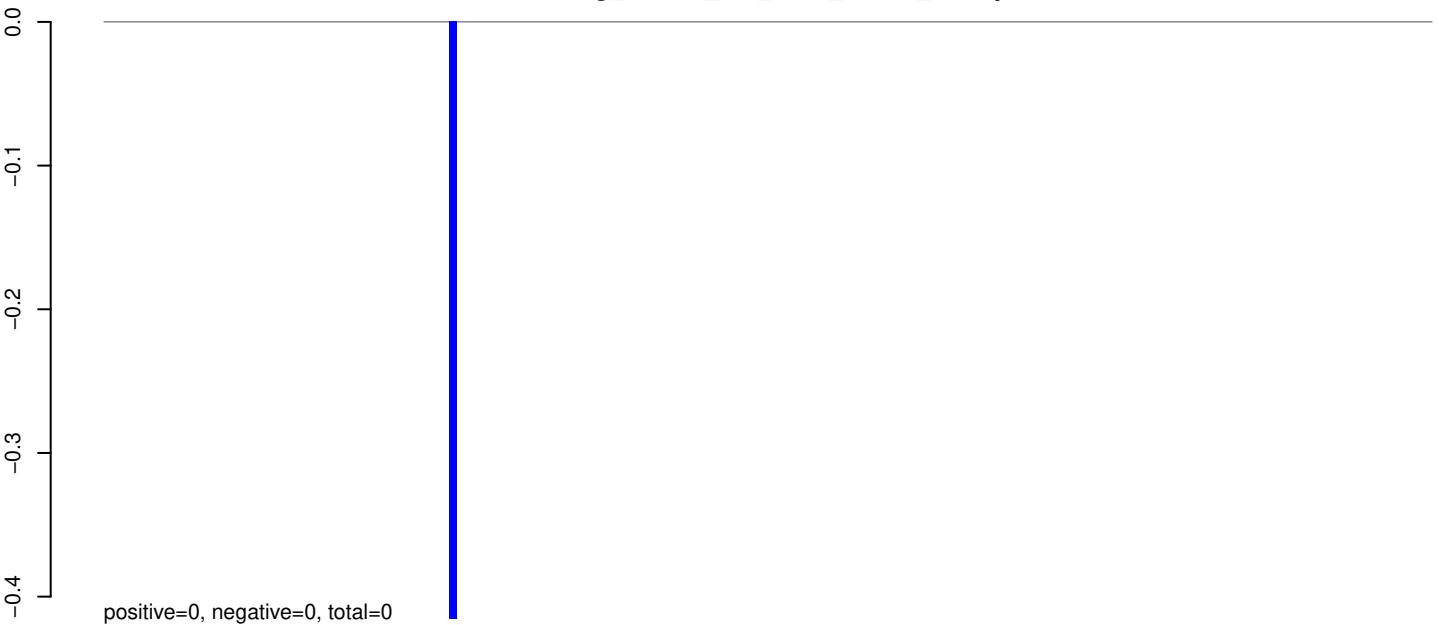
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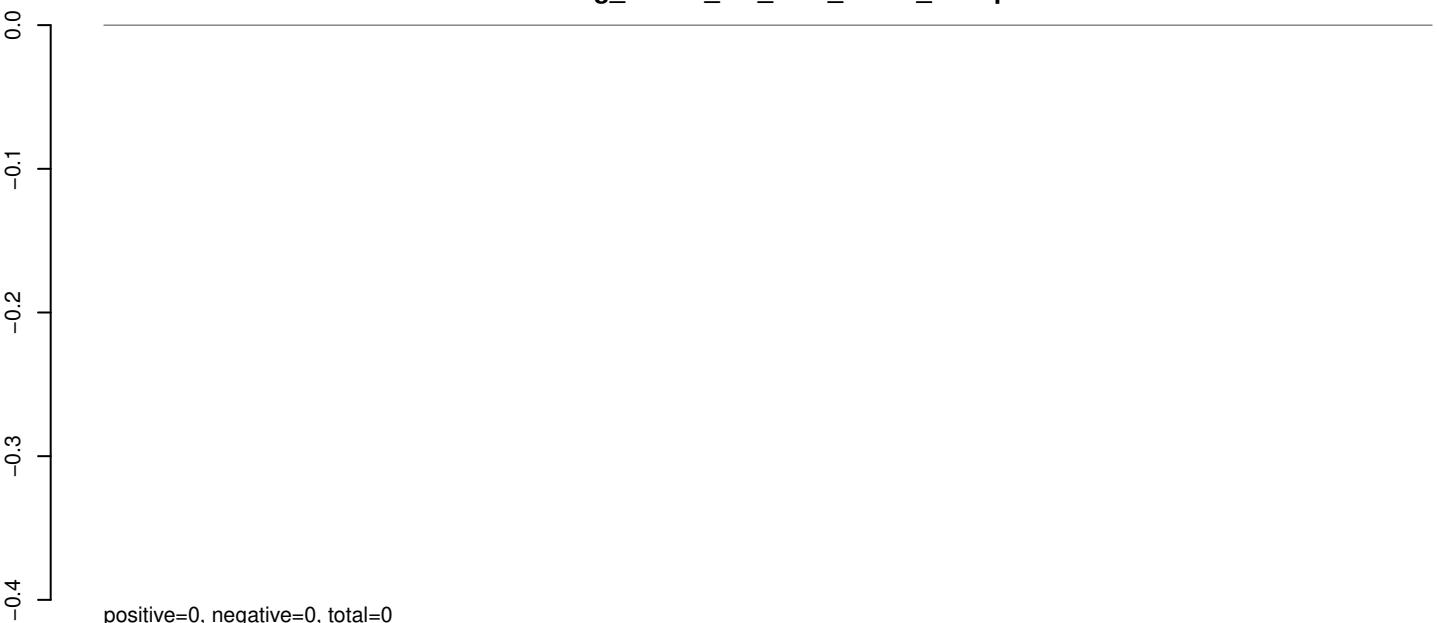
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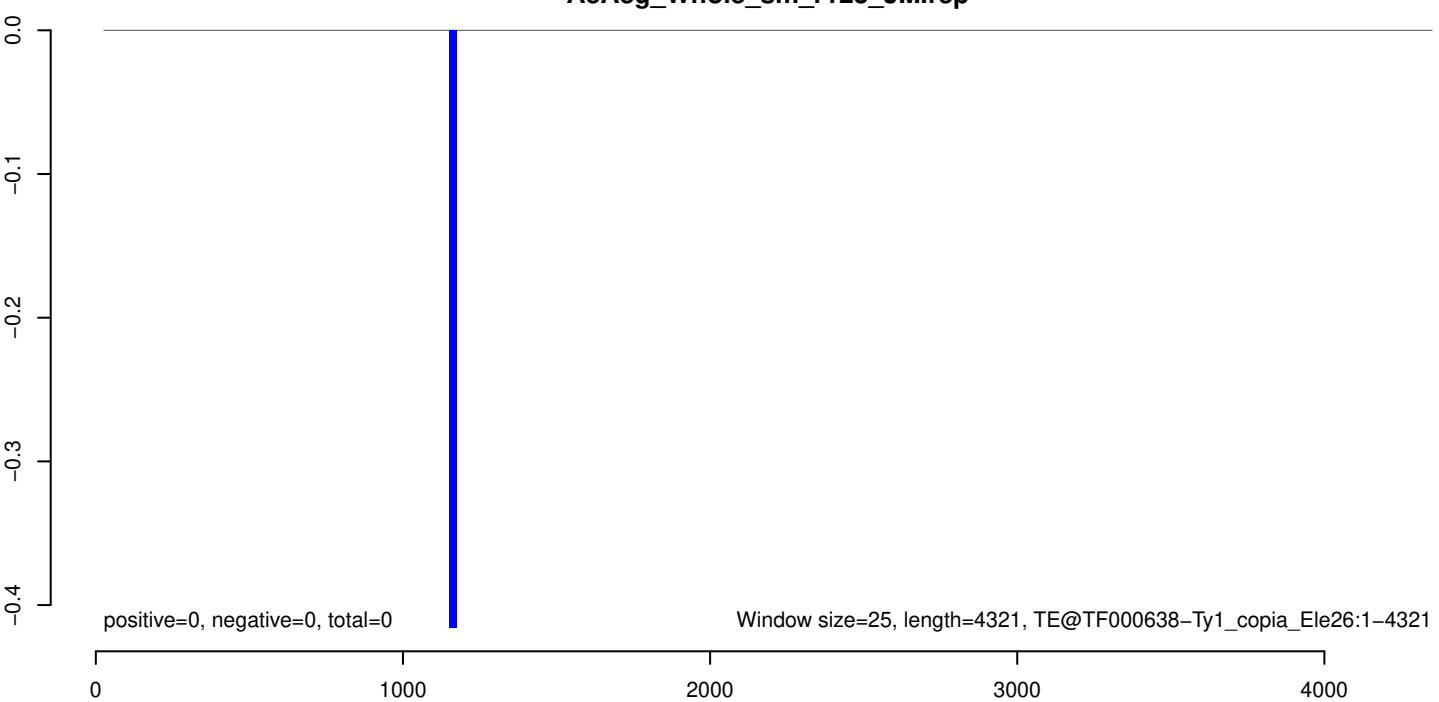
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



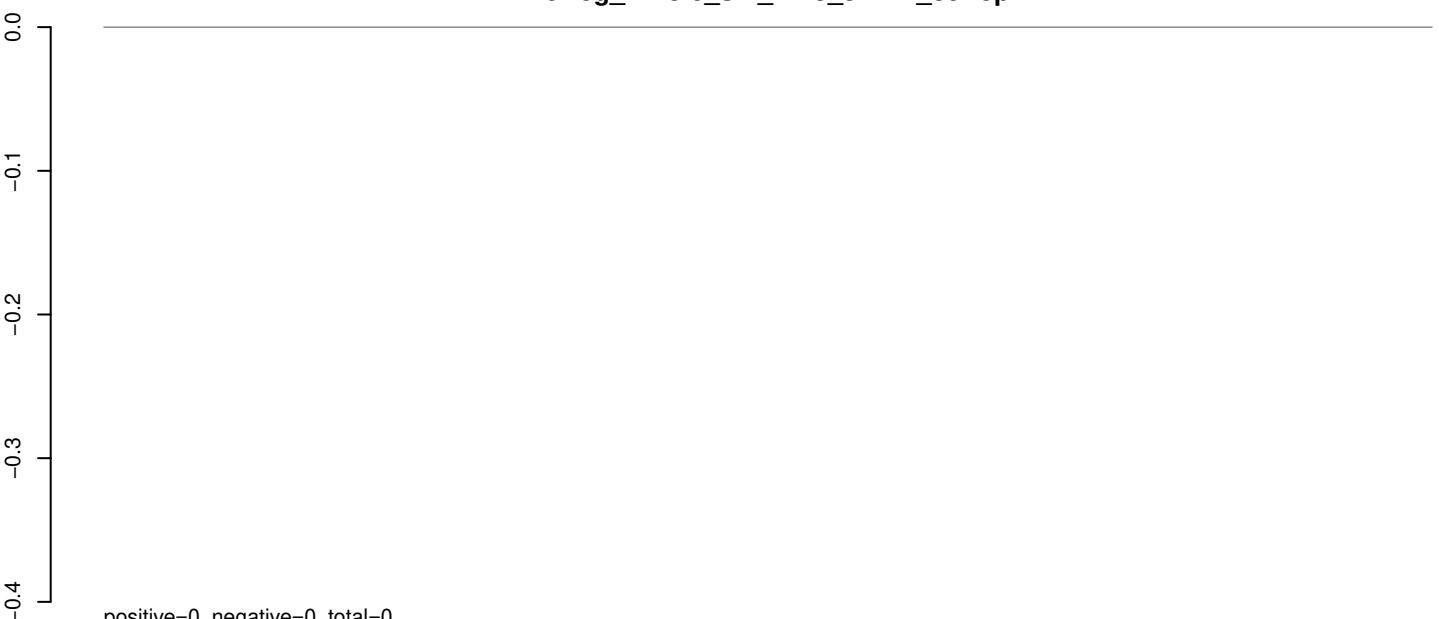
### AeAeg\_Whole\_sm\_r123\_JM.rep



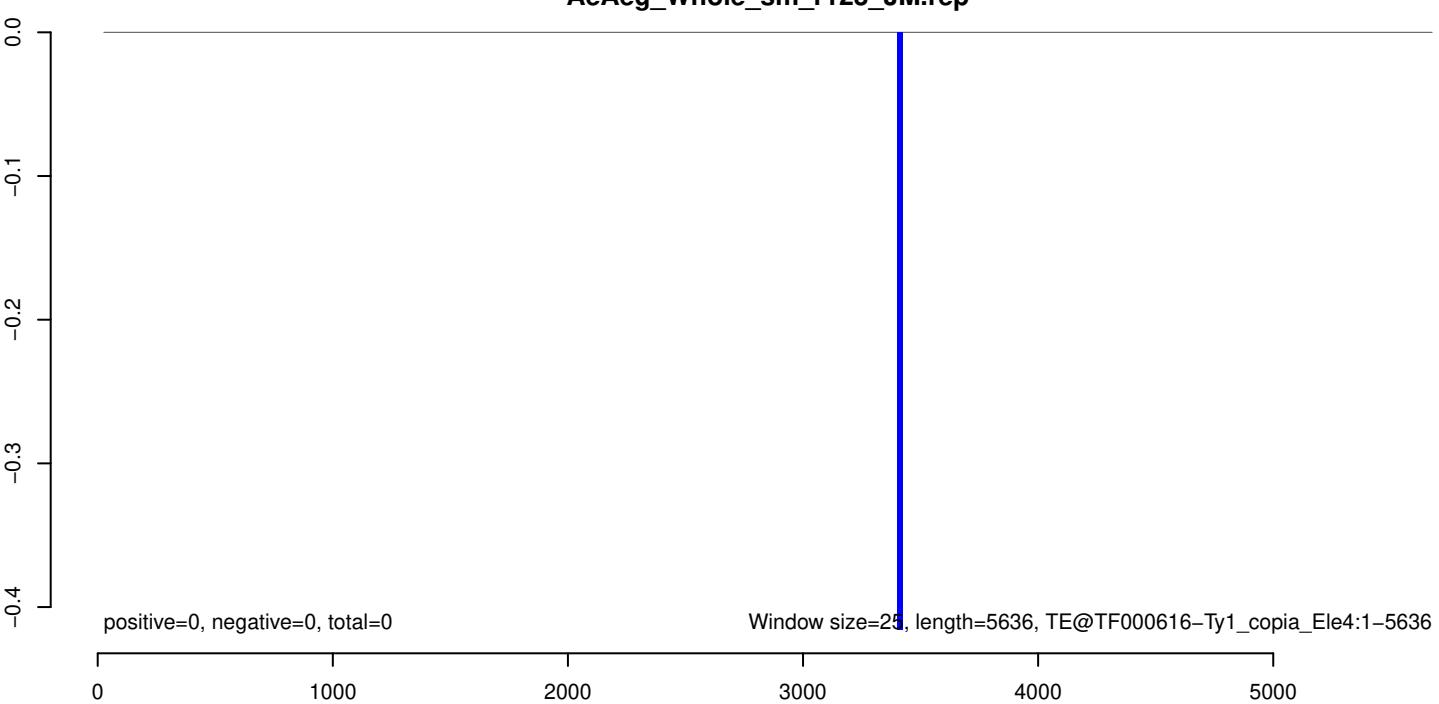
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

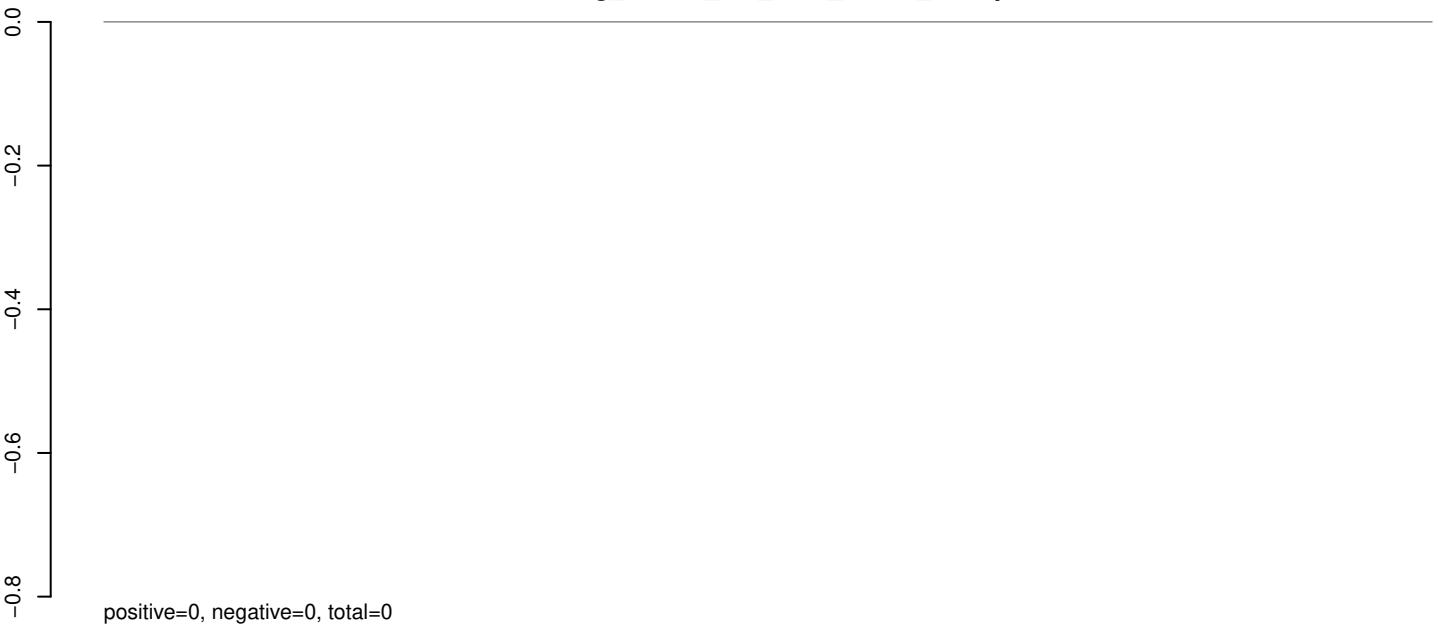


### AeAeg\_Whole\_sm\_r123\_JM.rep

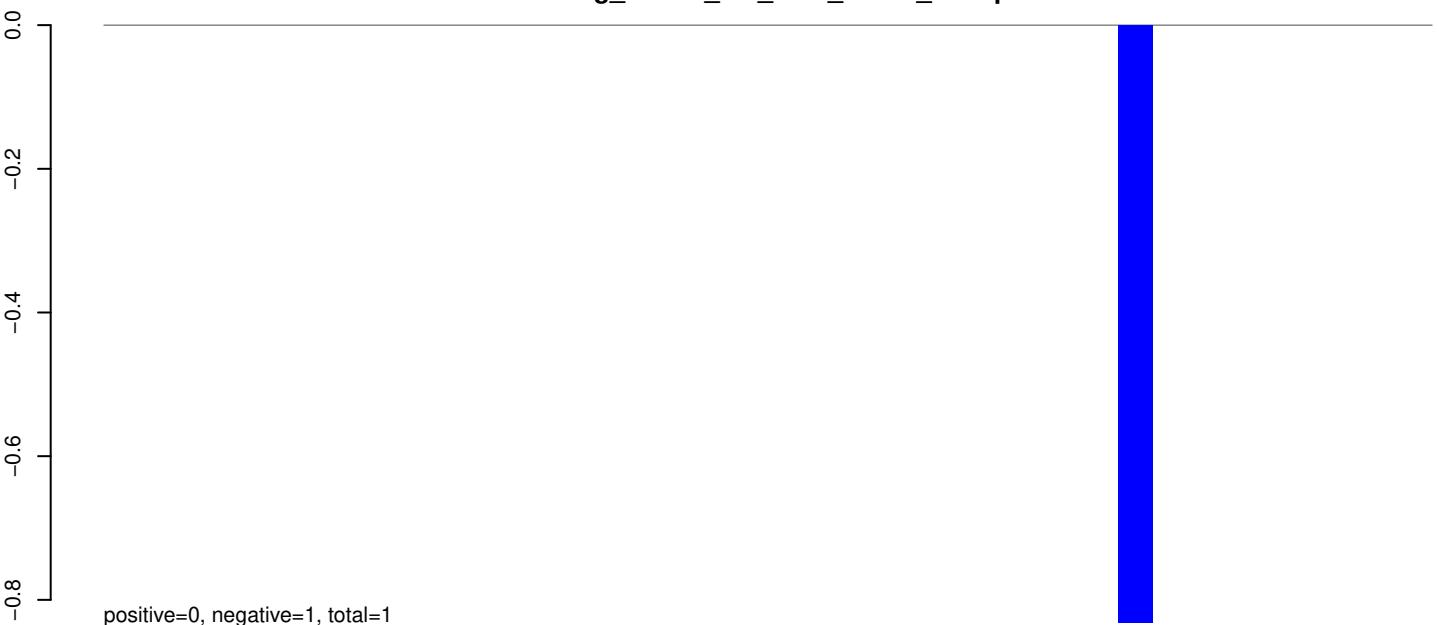


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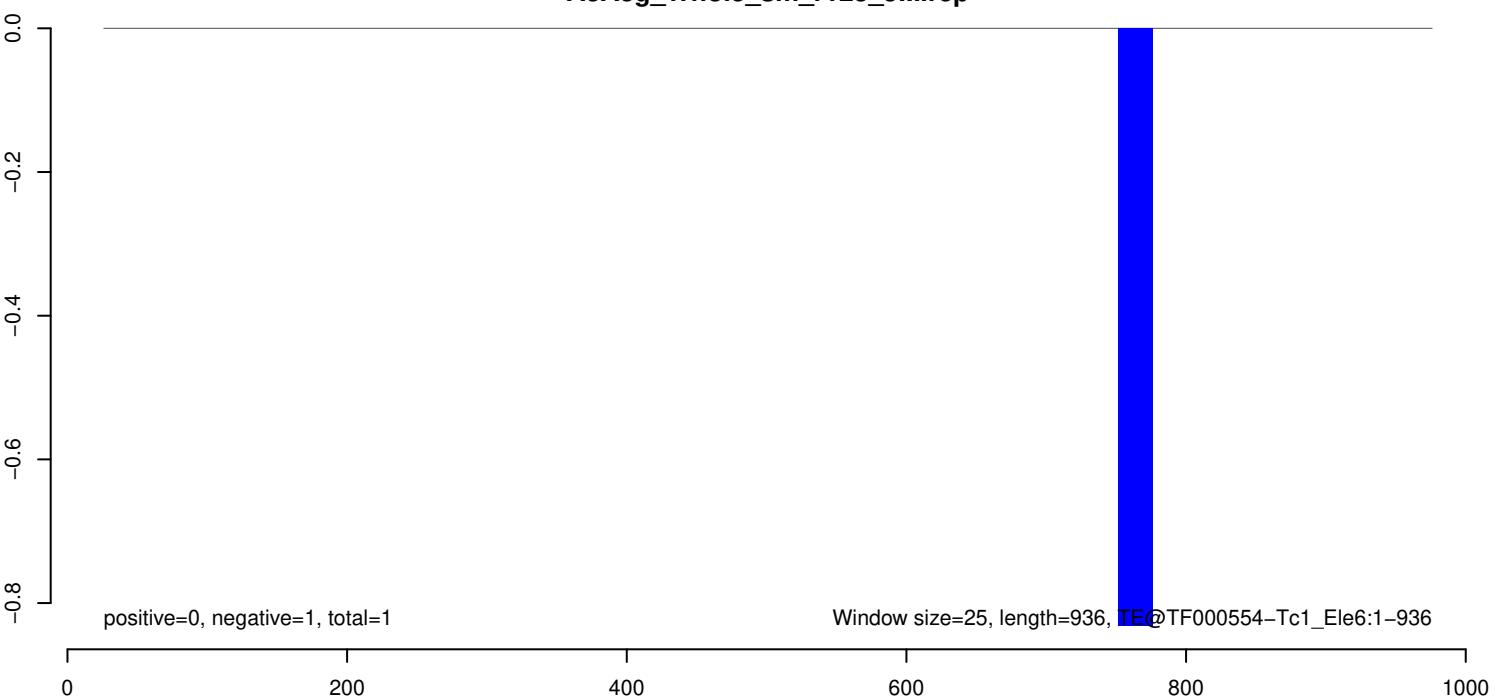
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



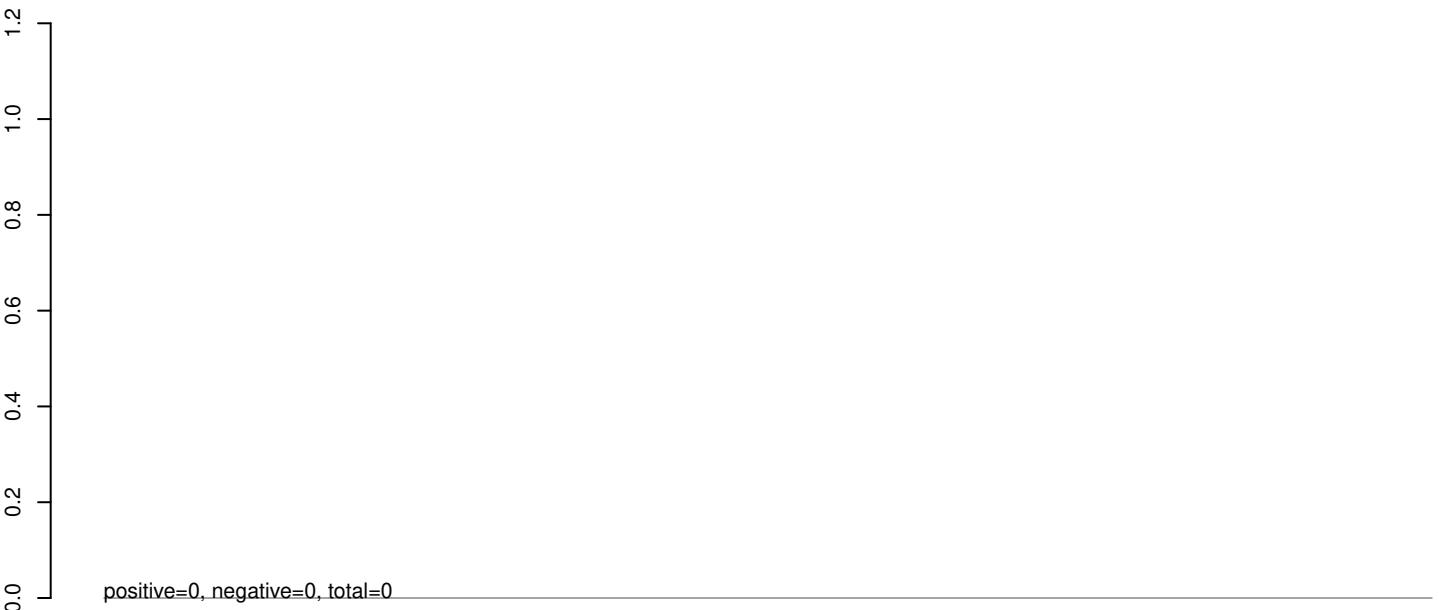
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



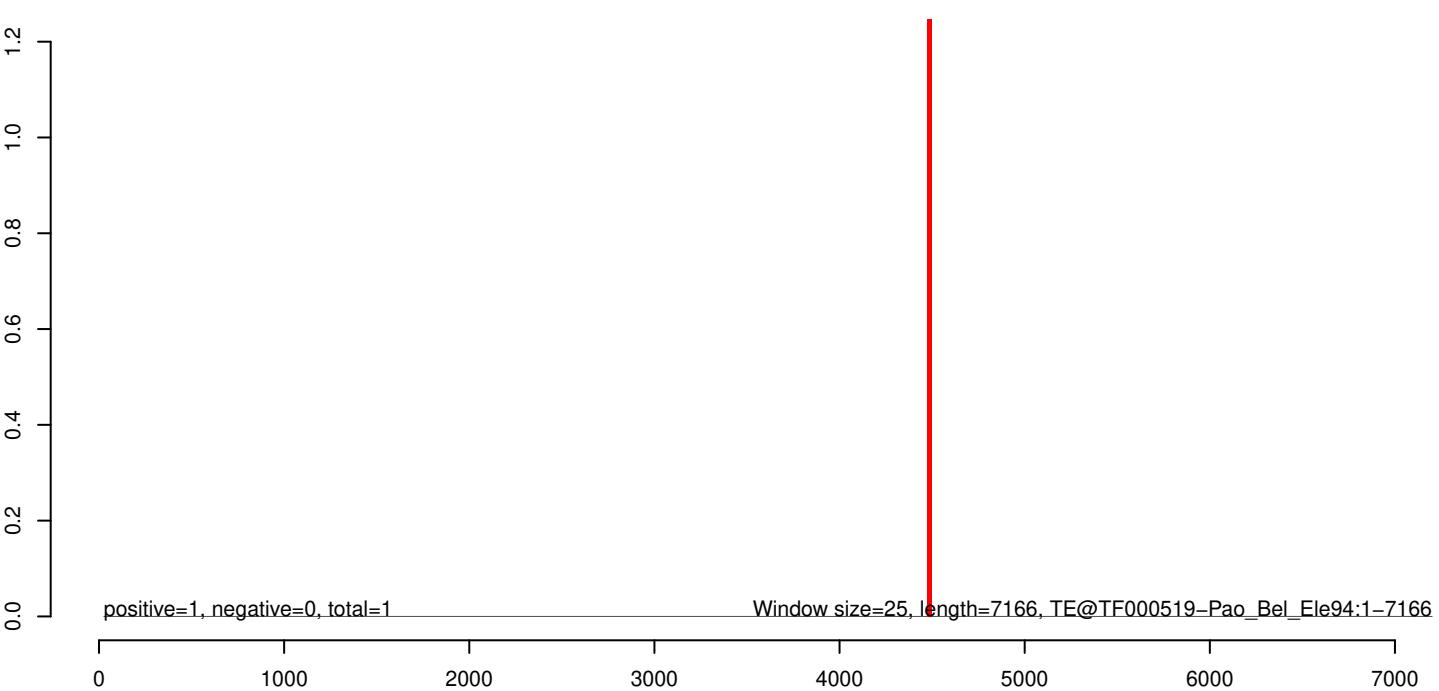
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



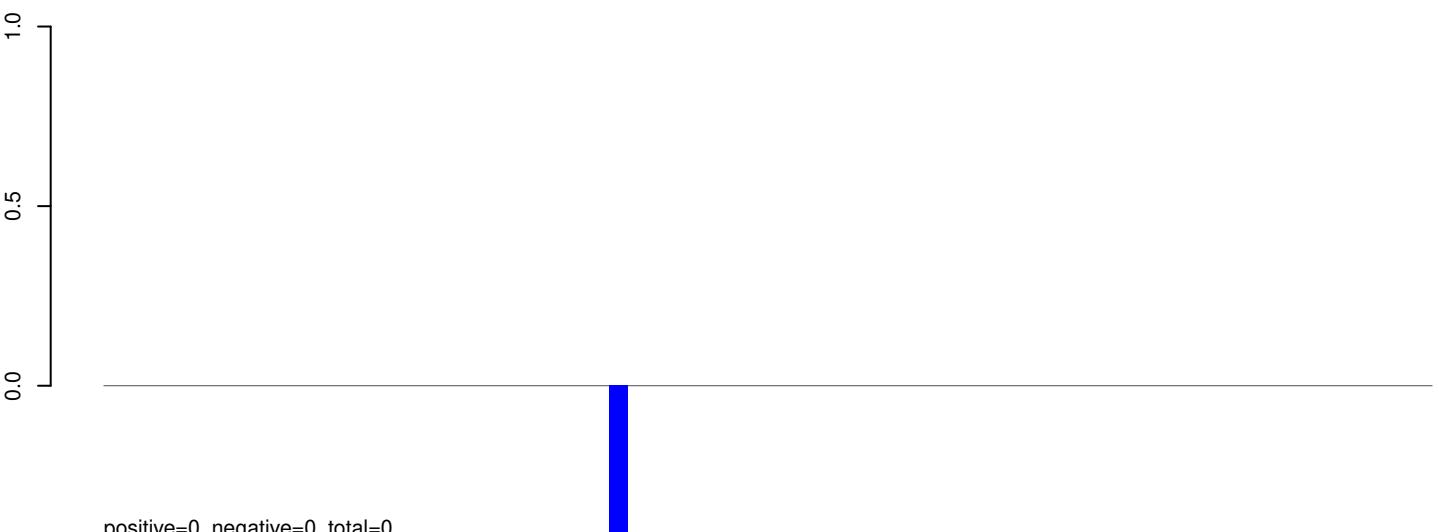
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

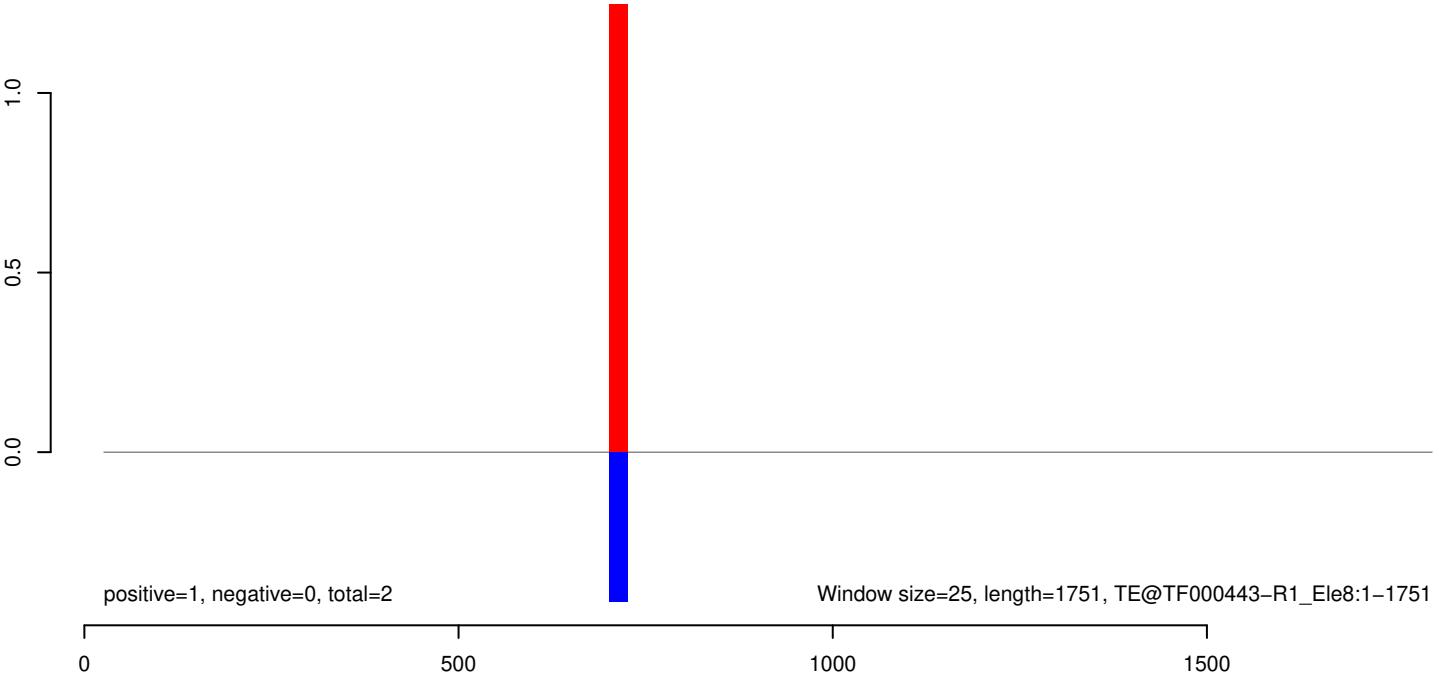


**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



positive=1, negative=0, total=1

**AeAeg\_Whole\_sm\_r123\_JM.rep**



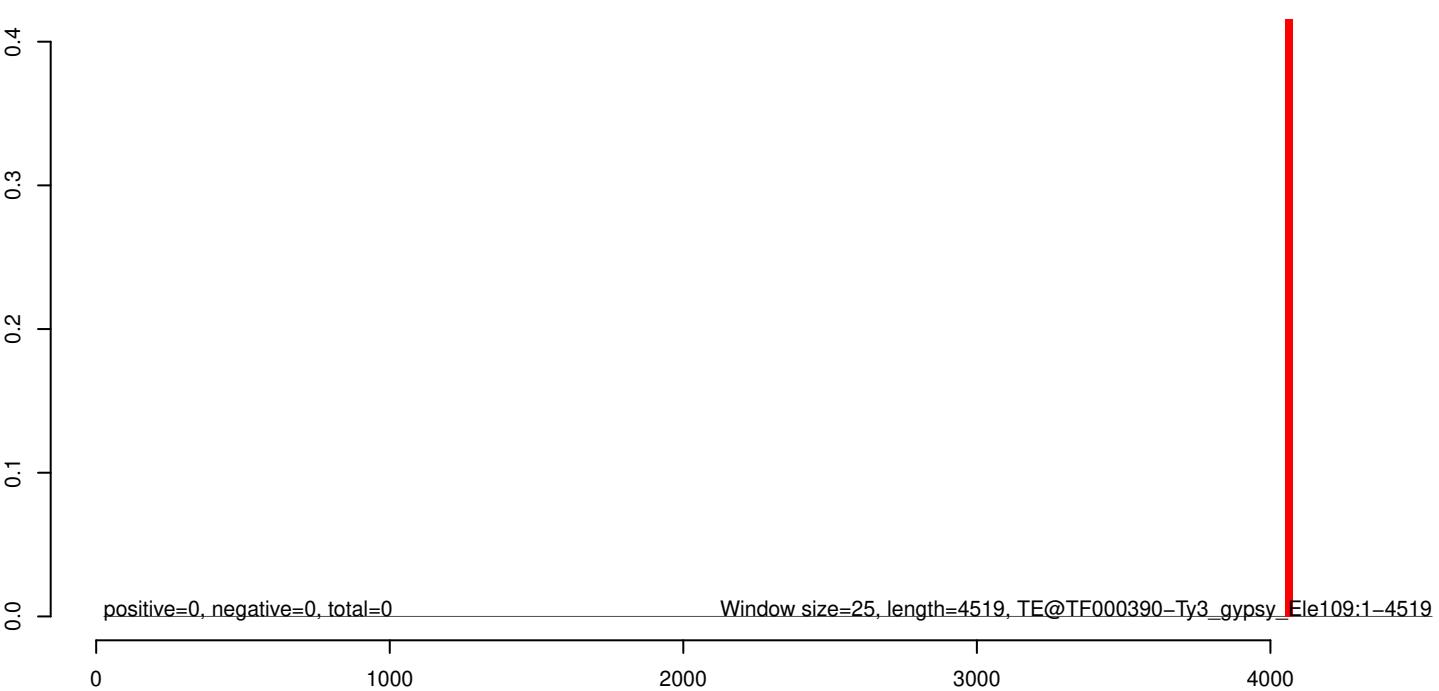
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



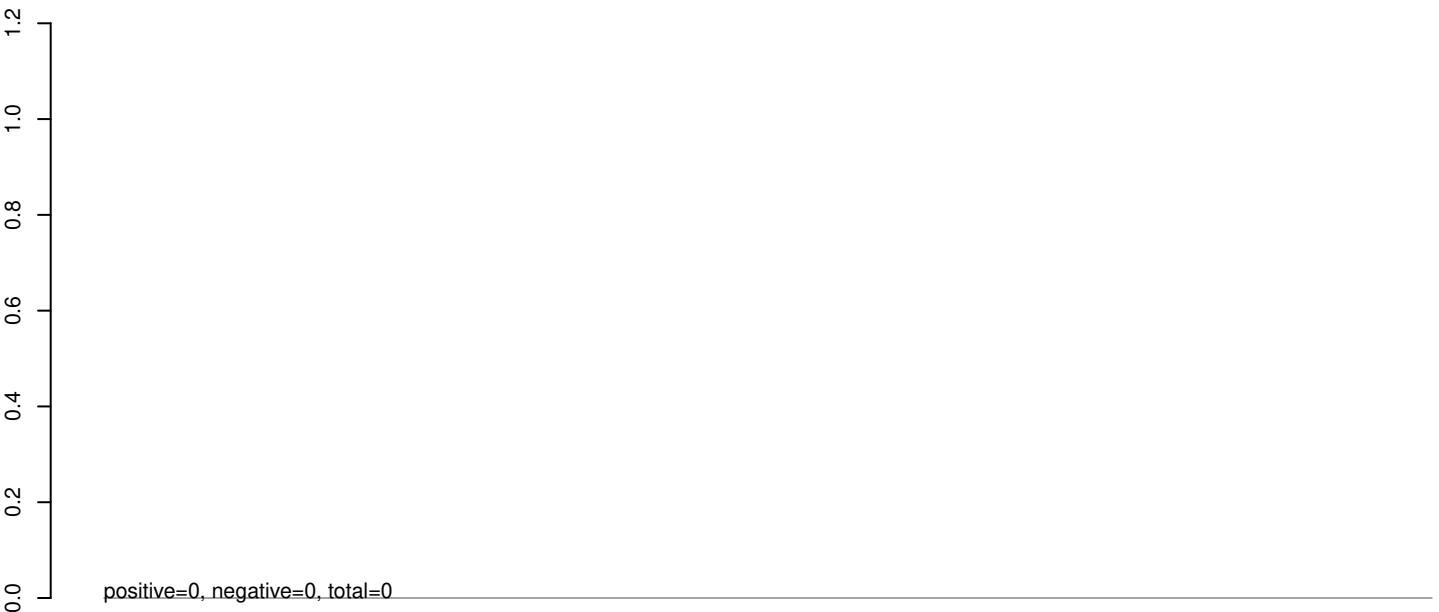
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



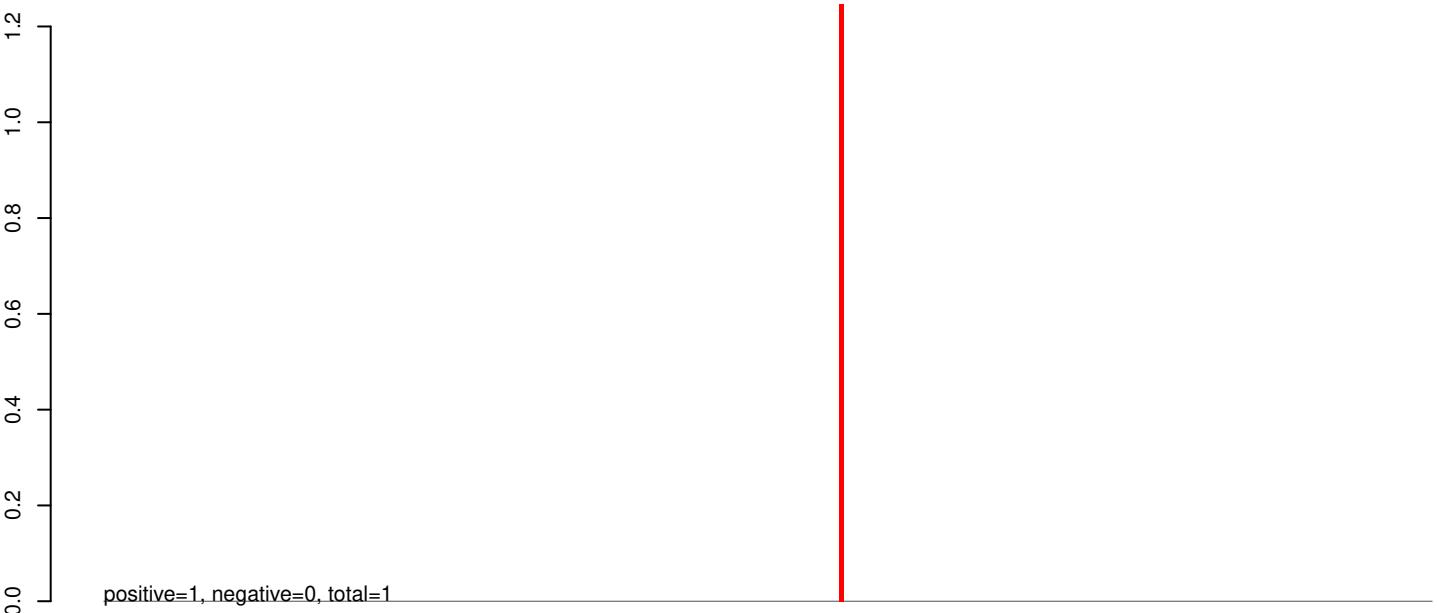
**AeAeg\_Whole\_sm\_r123\_JM.rep**



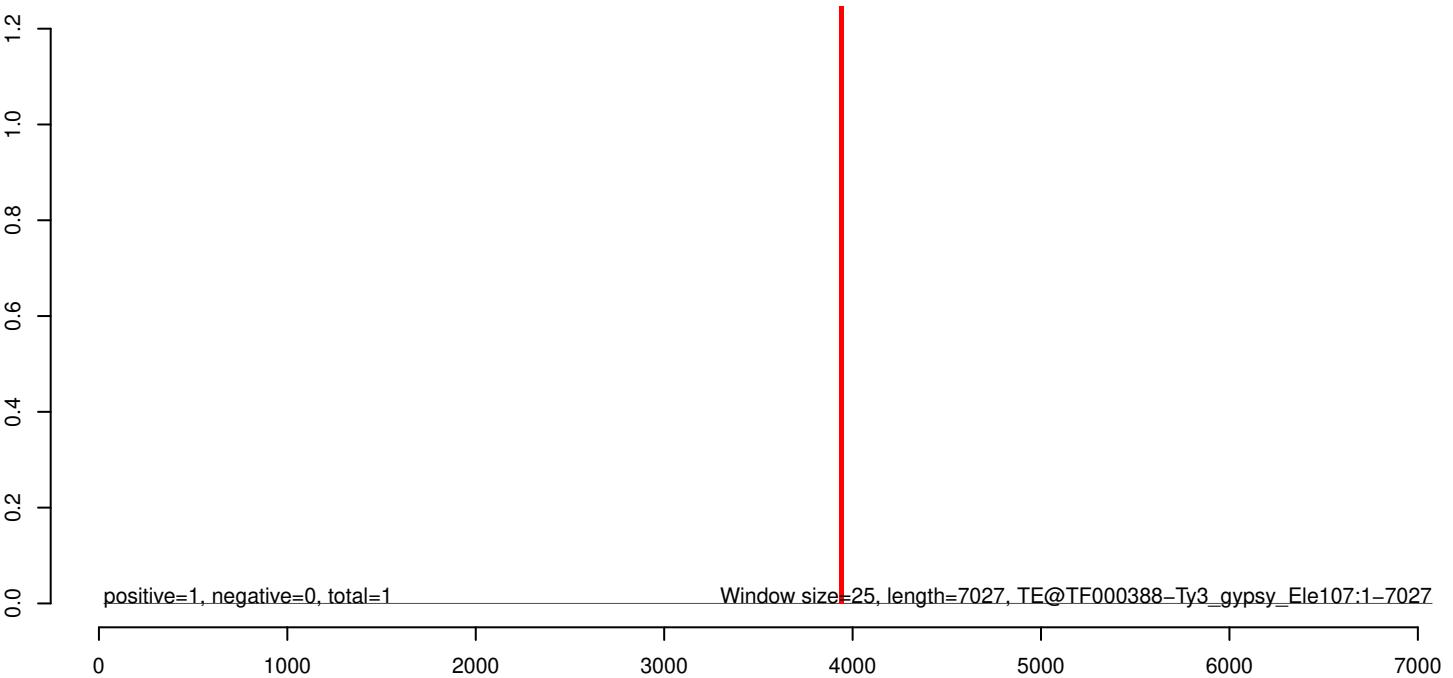
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



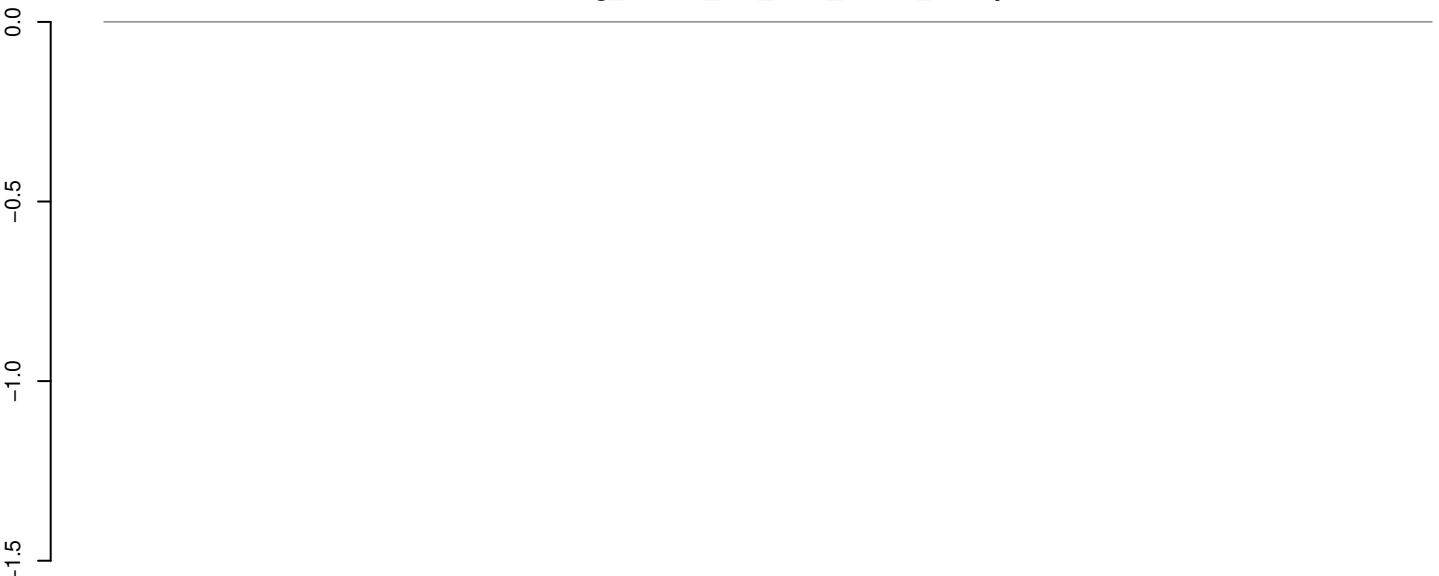
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

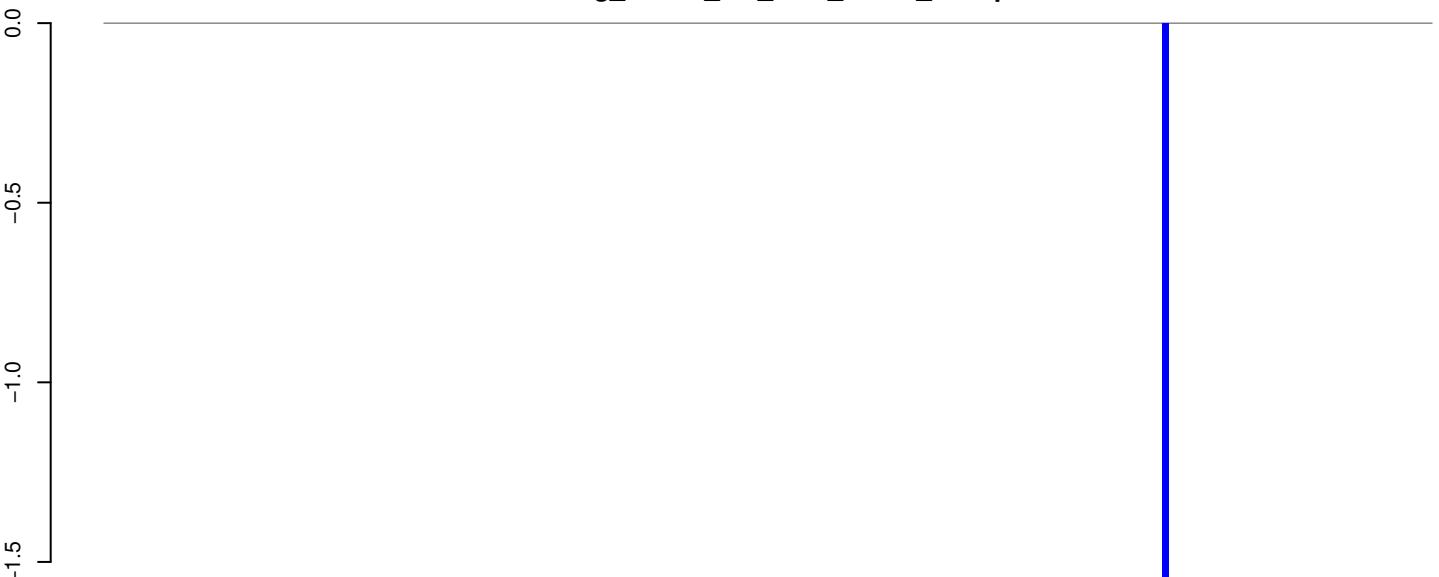


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



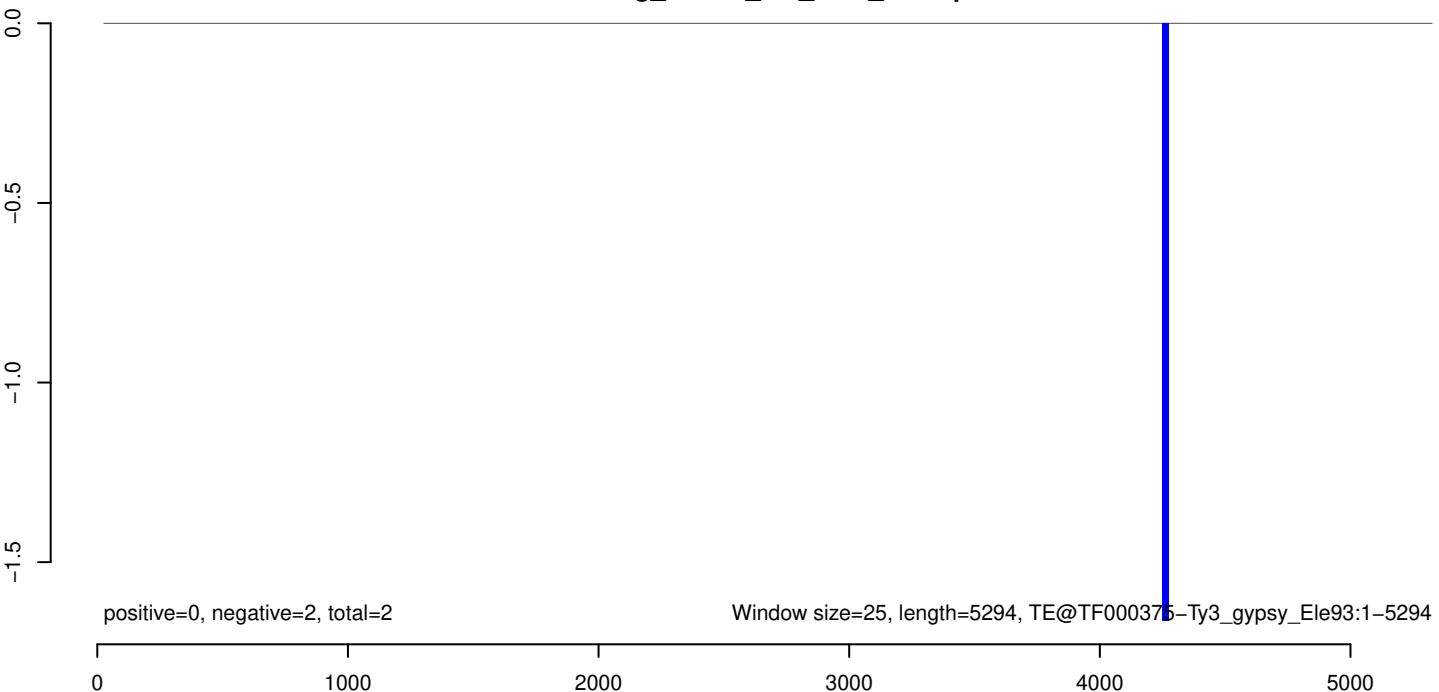
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

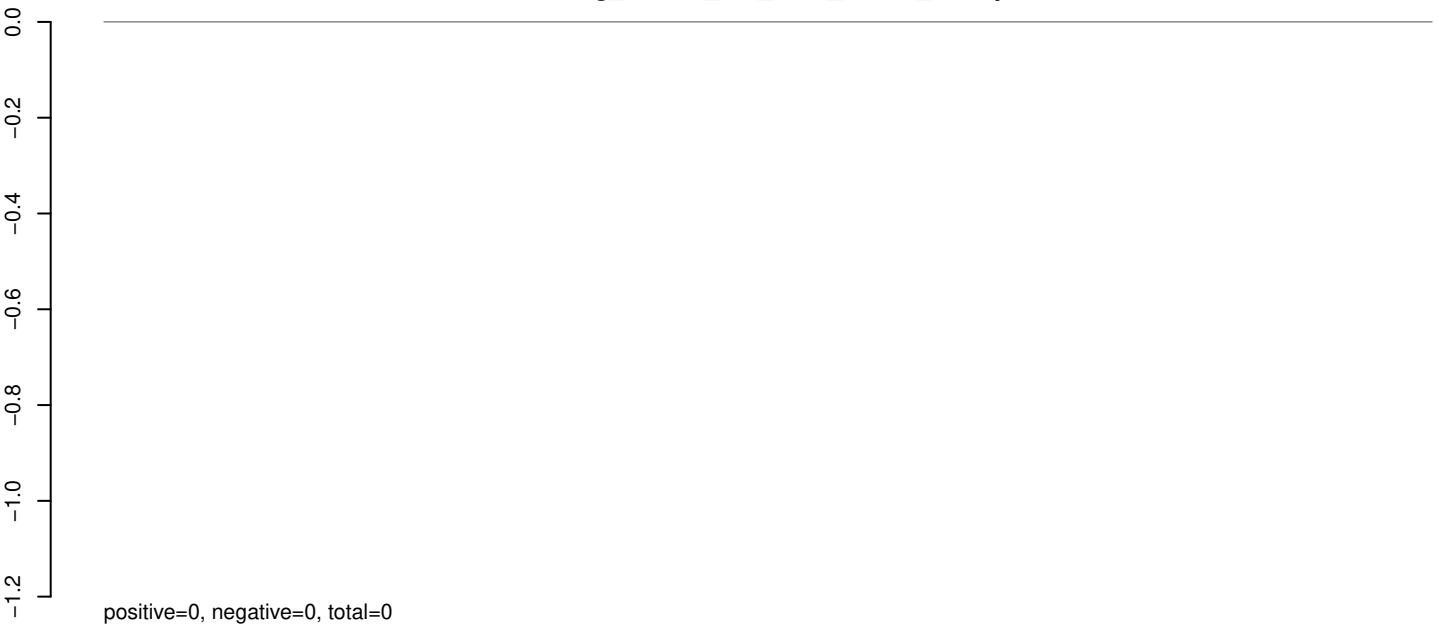


positive=0, negative=2, total=2

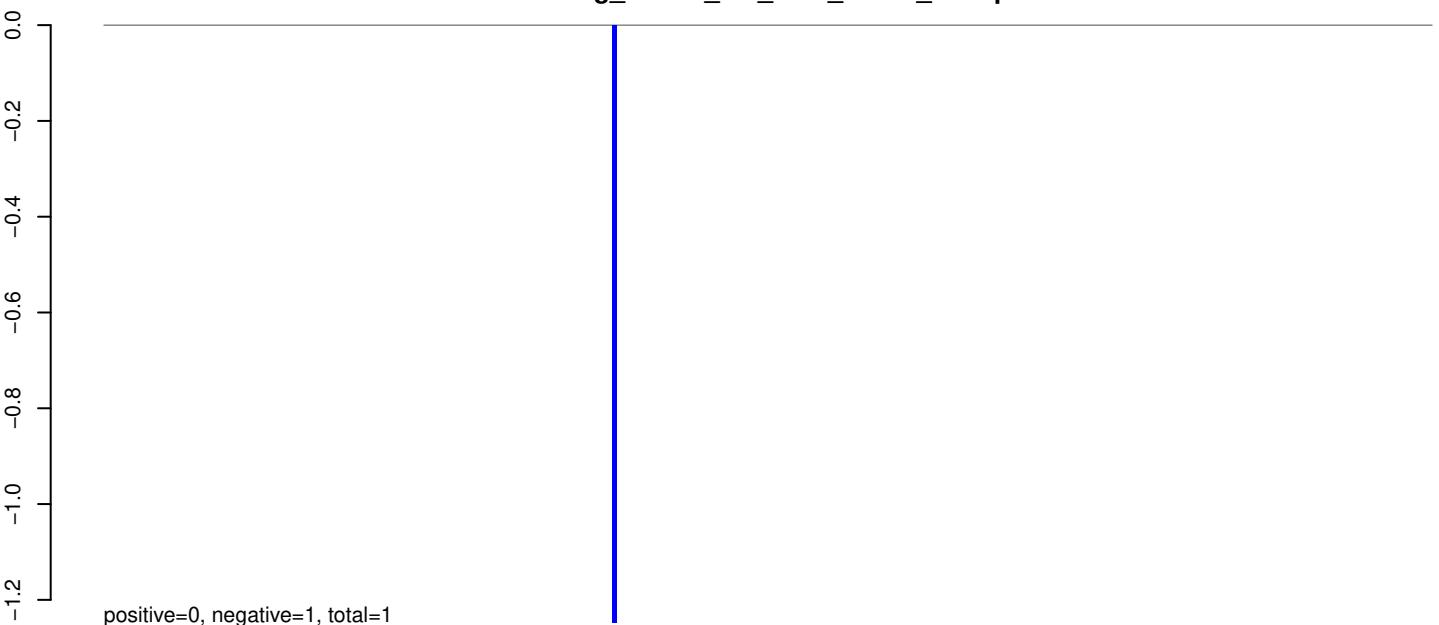
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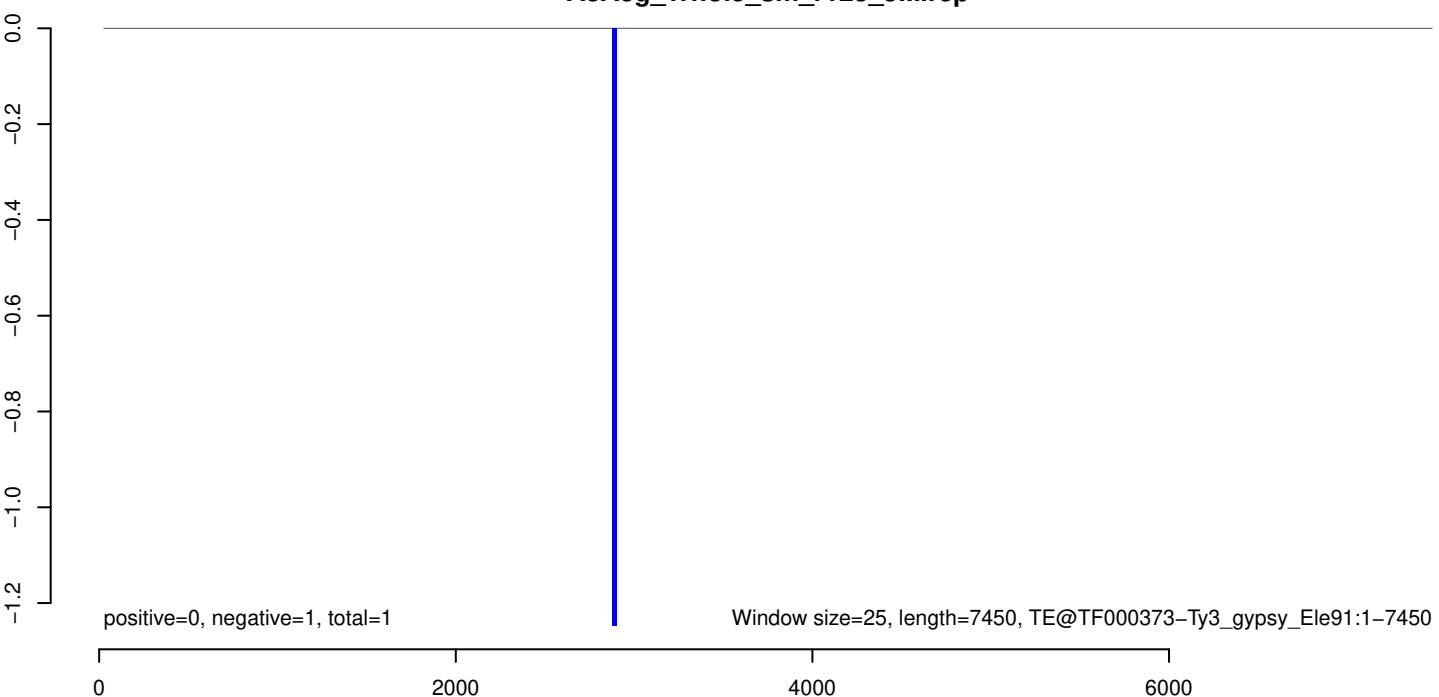
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



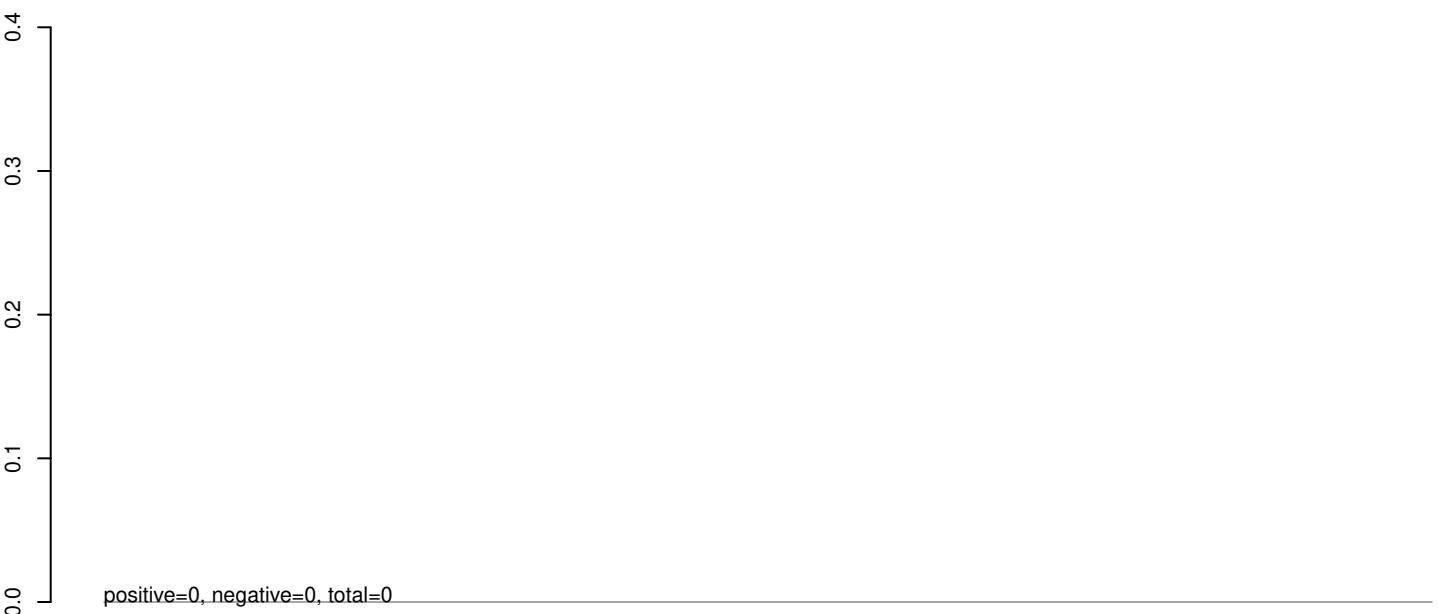
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



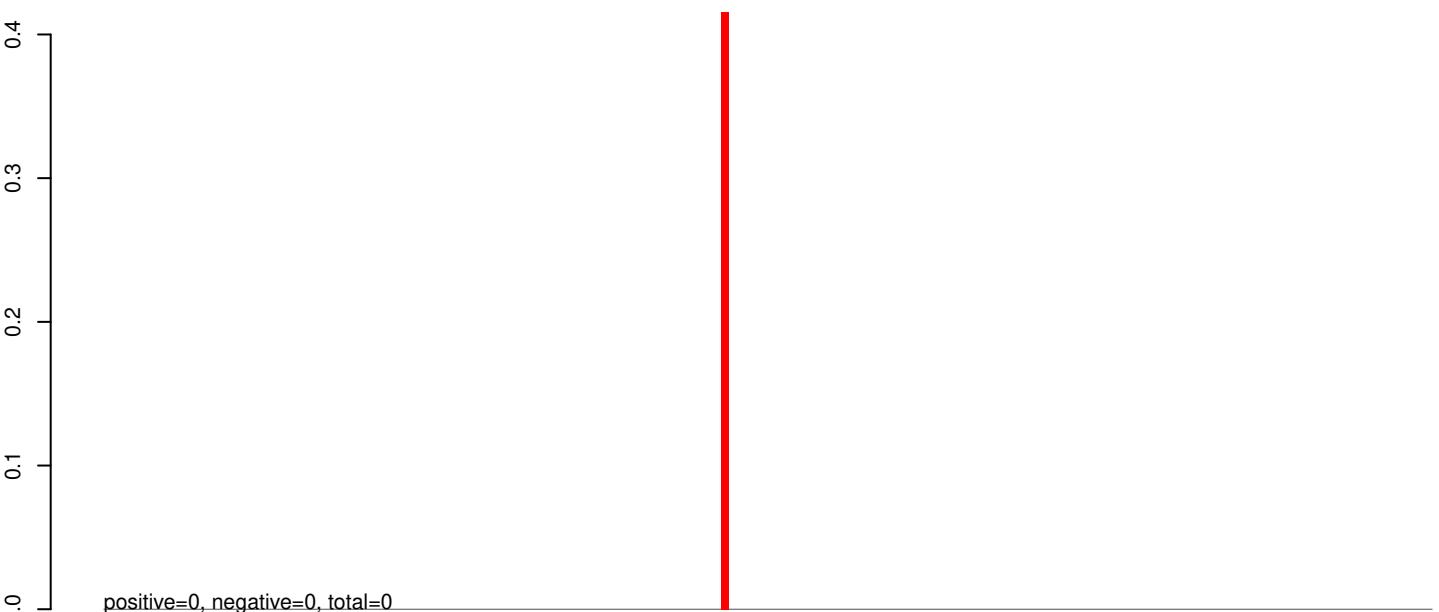
### AeAeg\_Whole\_sm\_r123\_JM.rep



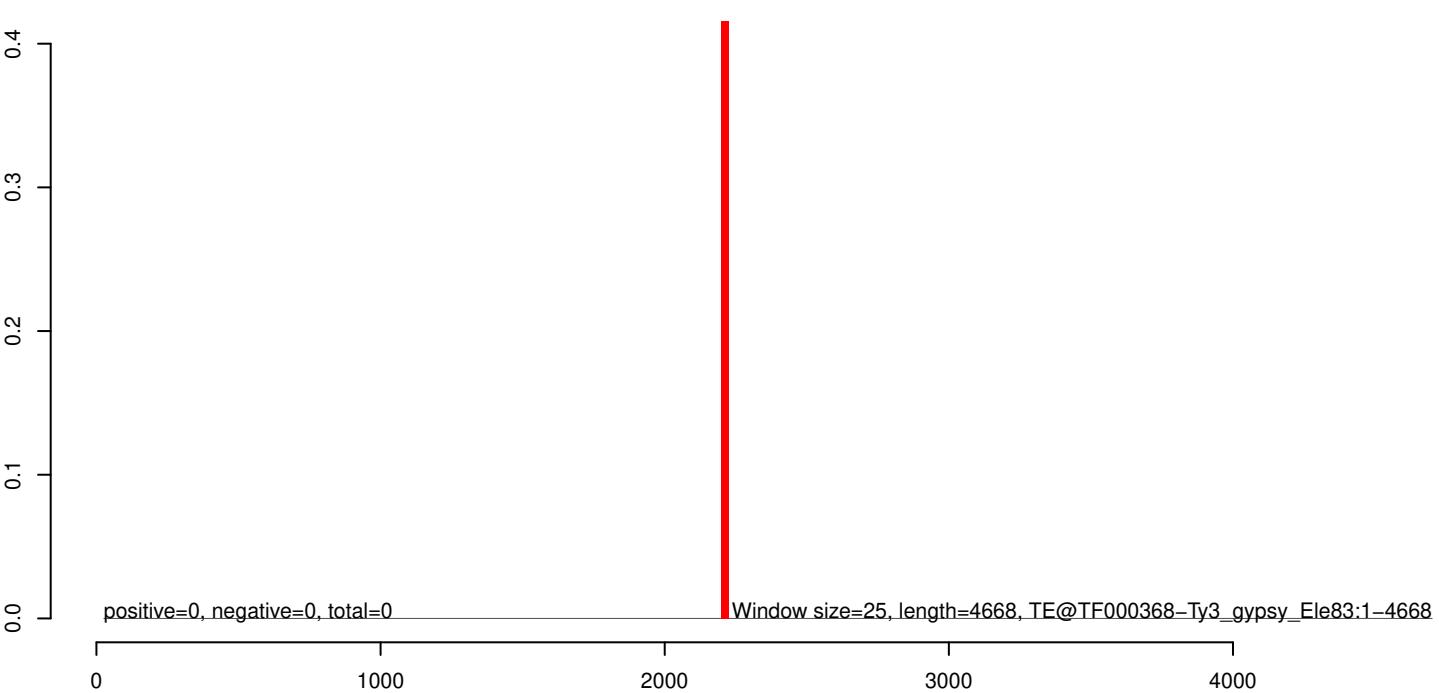
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



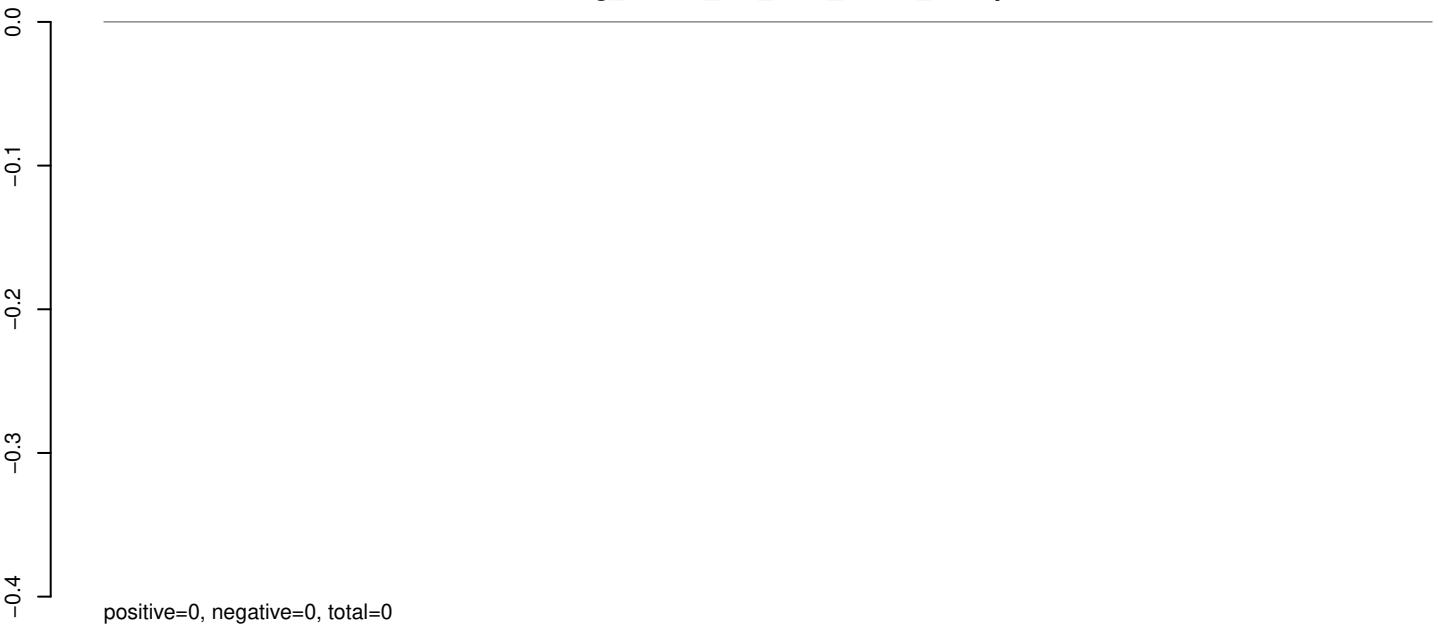
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



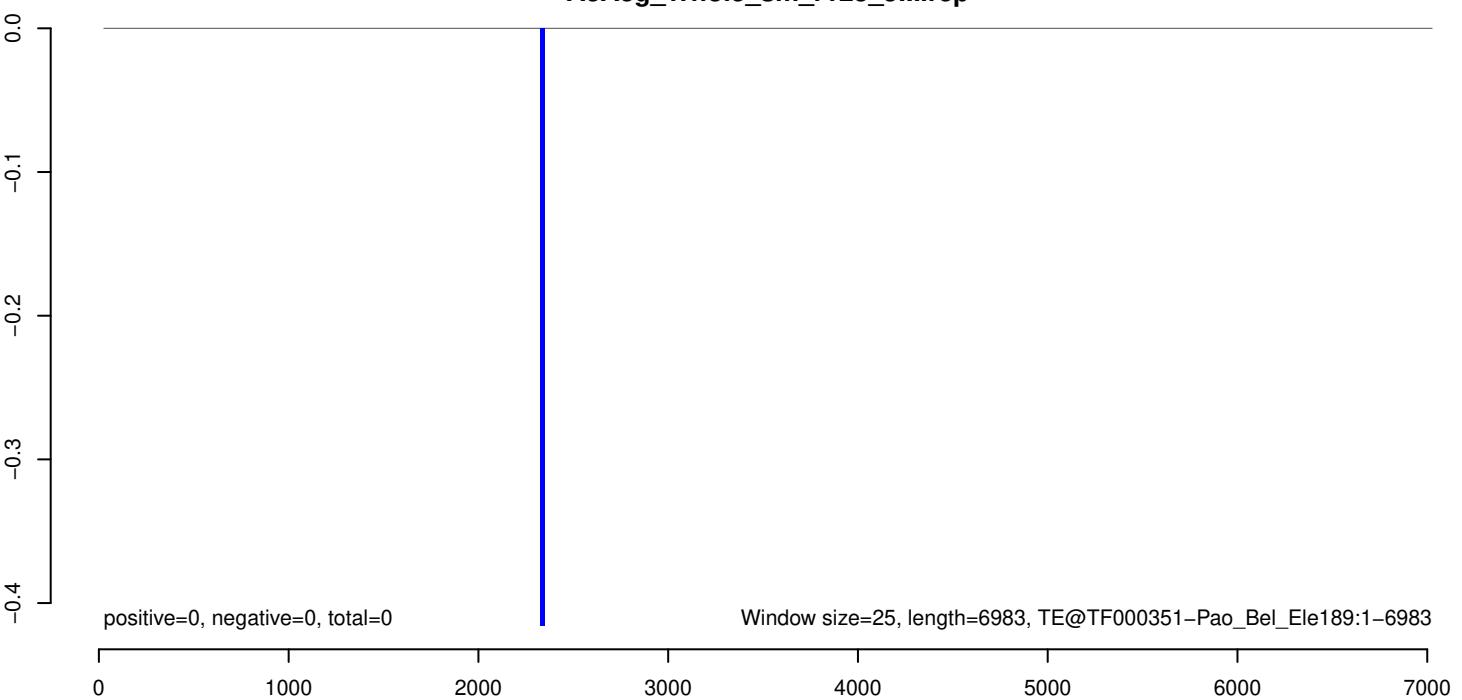
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



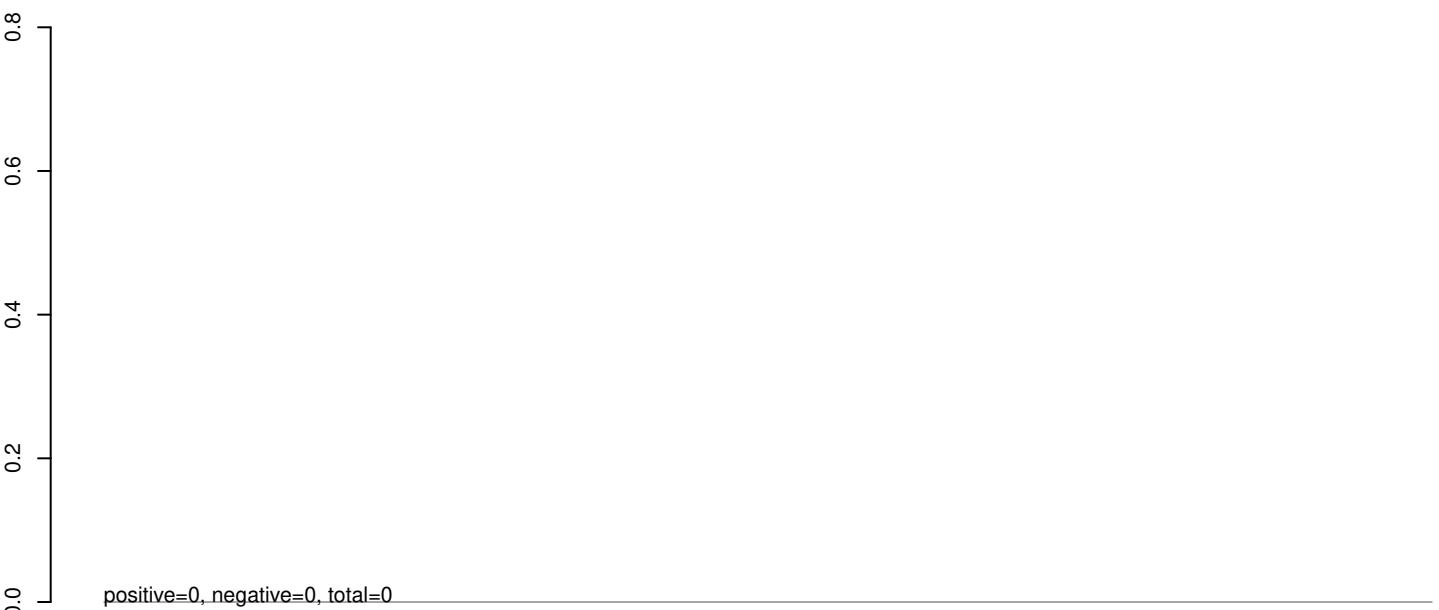
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



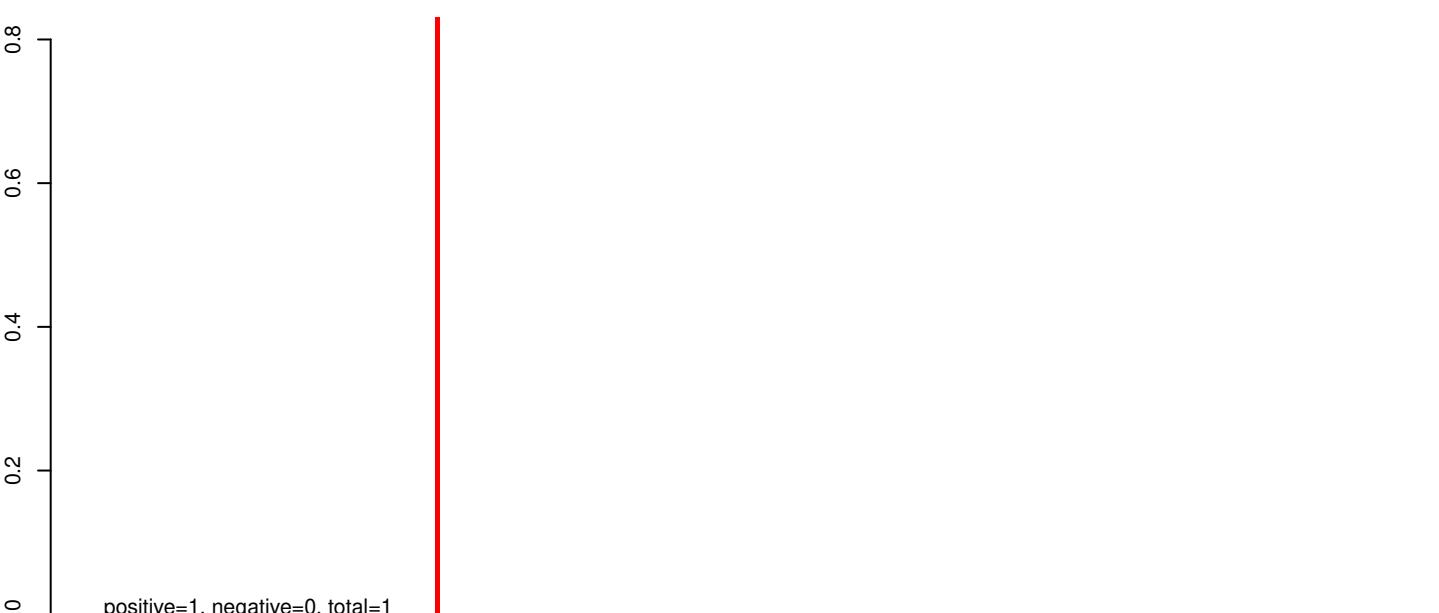
### AeAeg\_Whole\_sm\_r123\_JM.rep



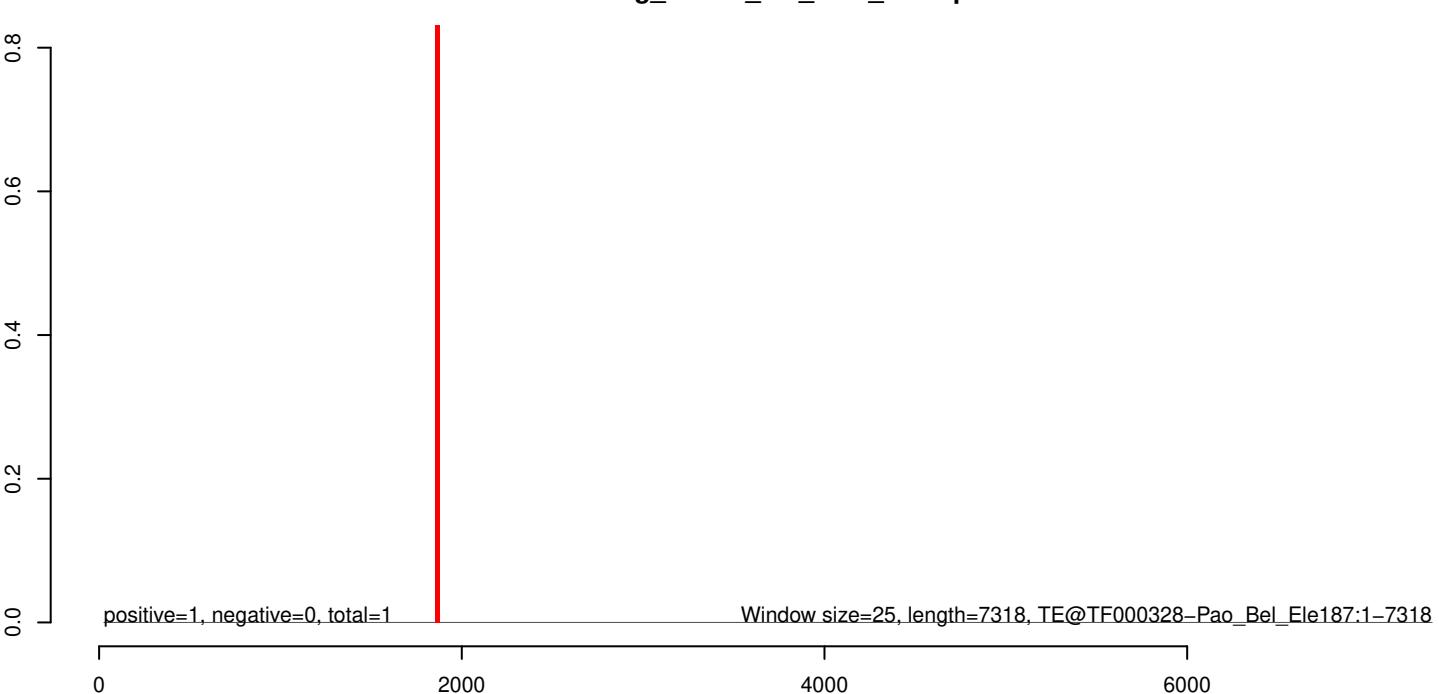
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



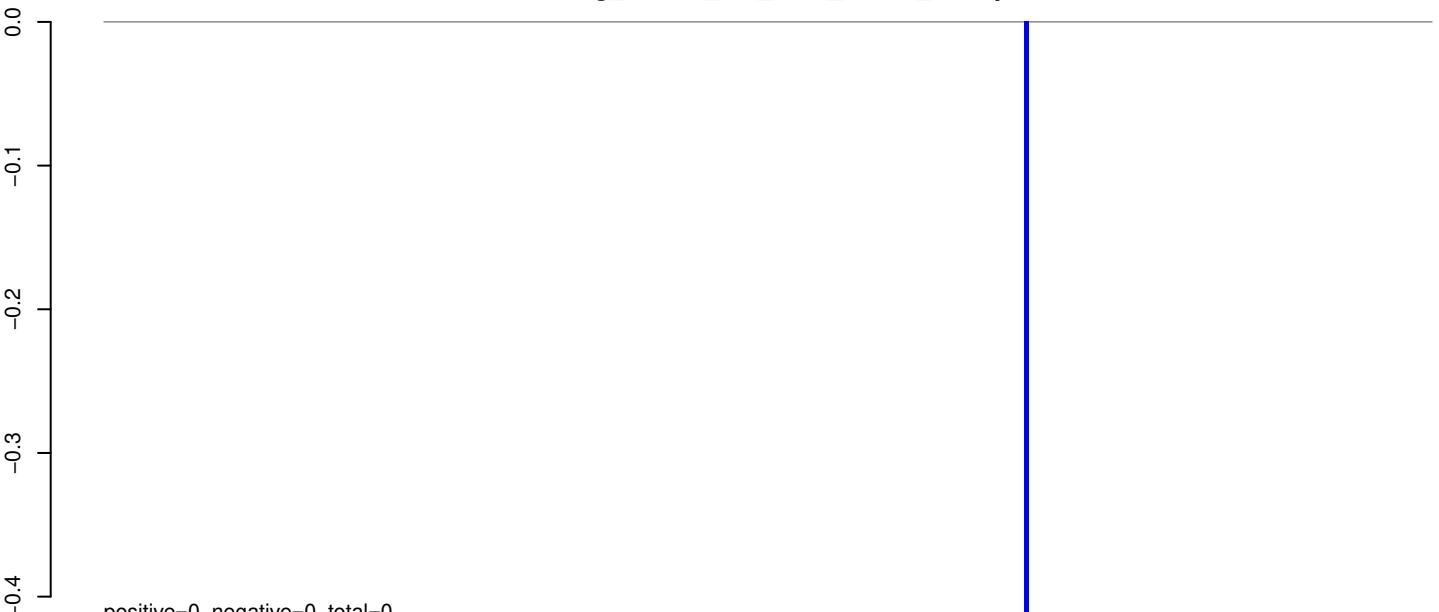
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



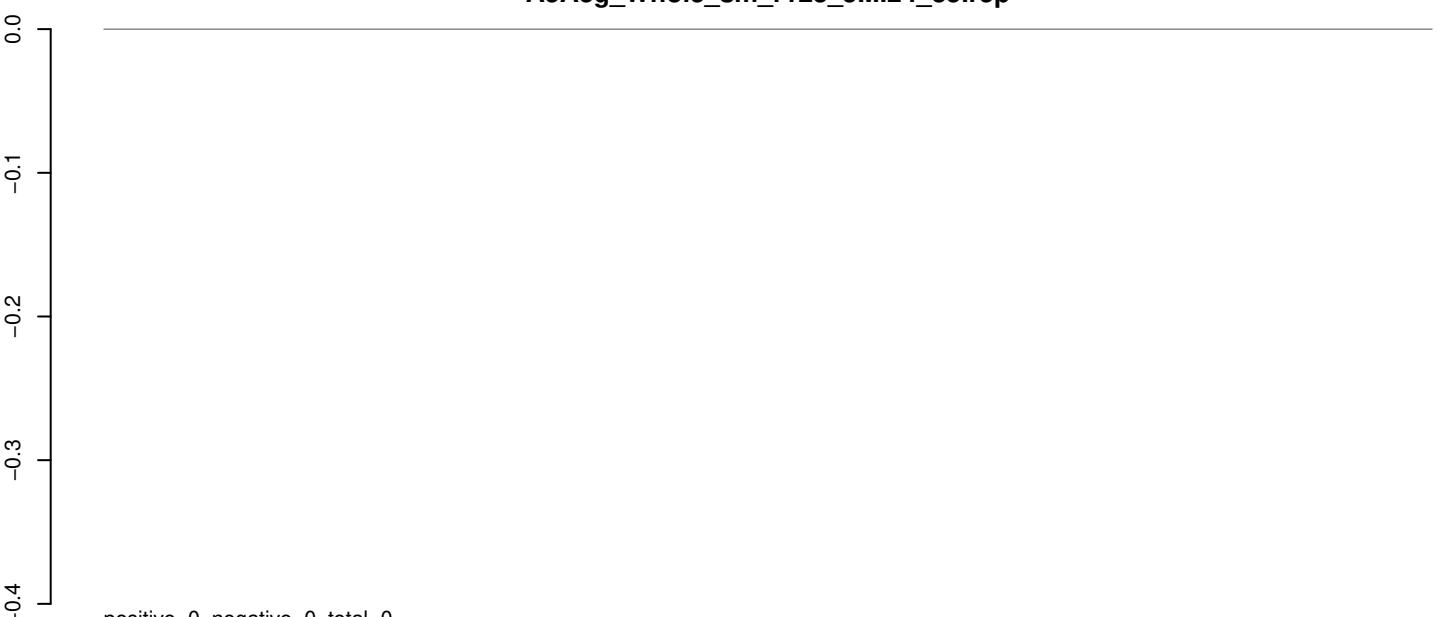
**AeAeg\_Whole\_sm\_r123\_JM.rep**



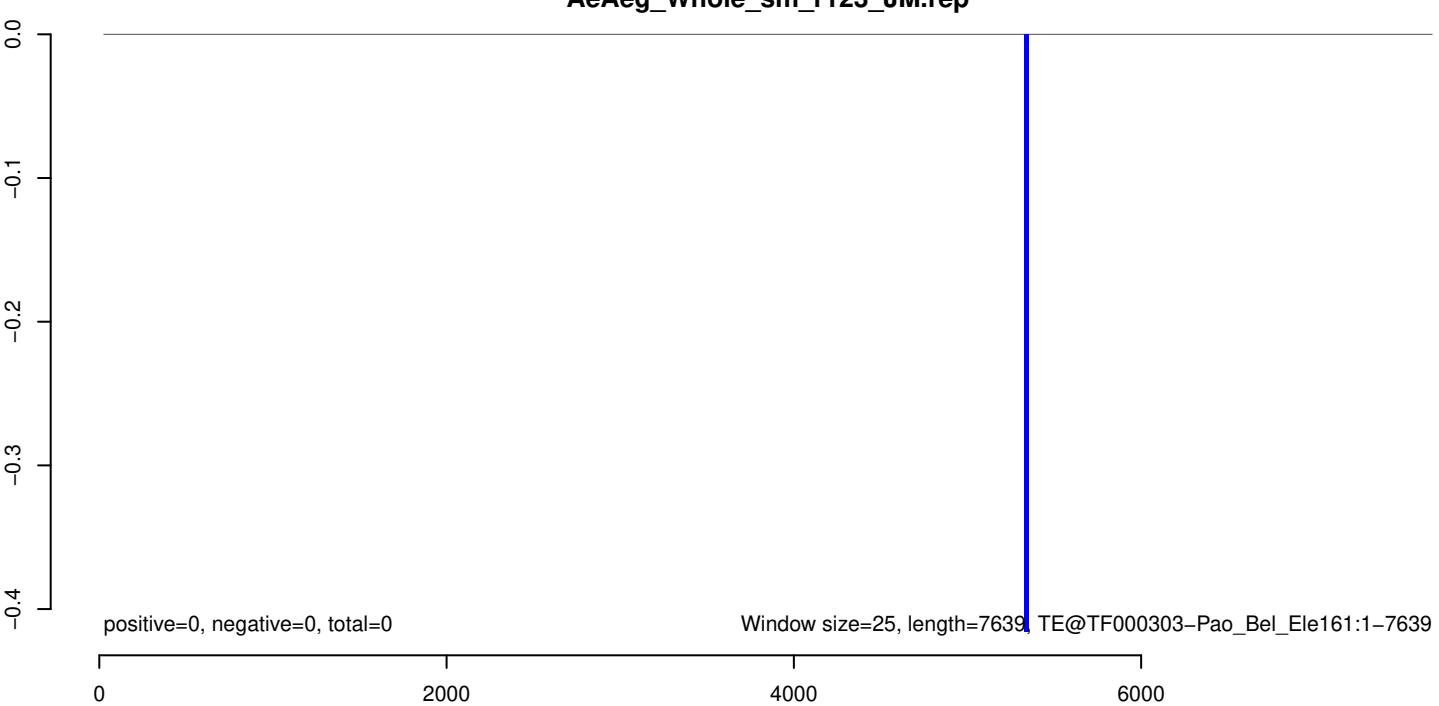
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



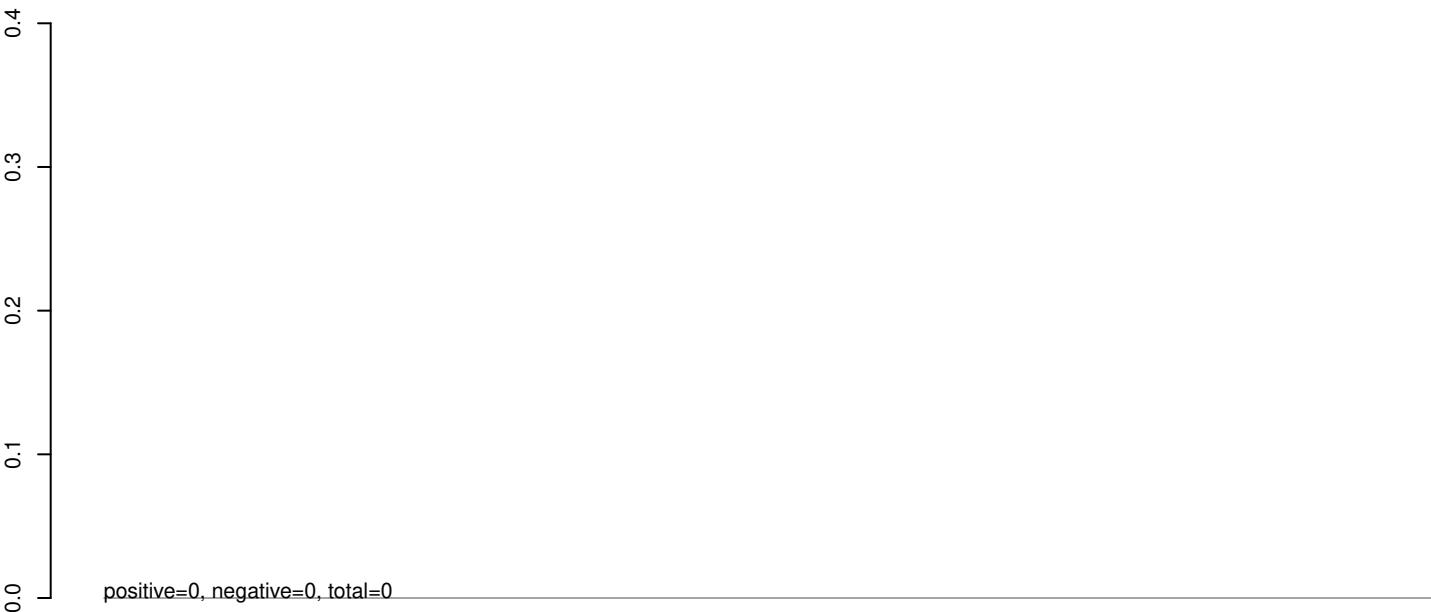
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



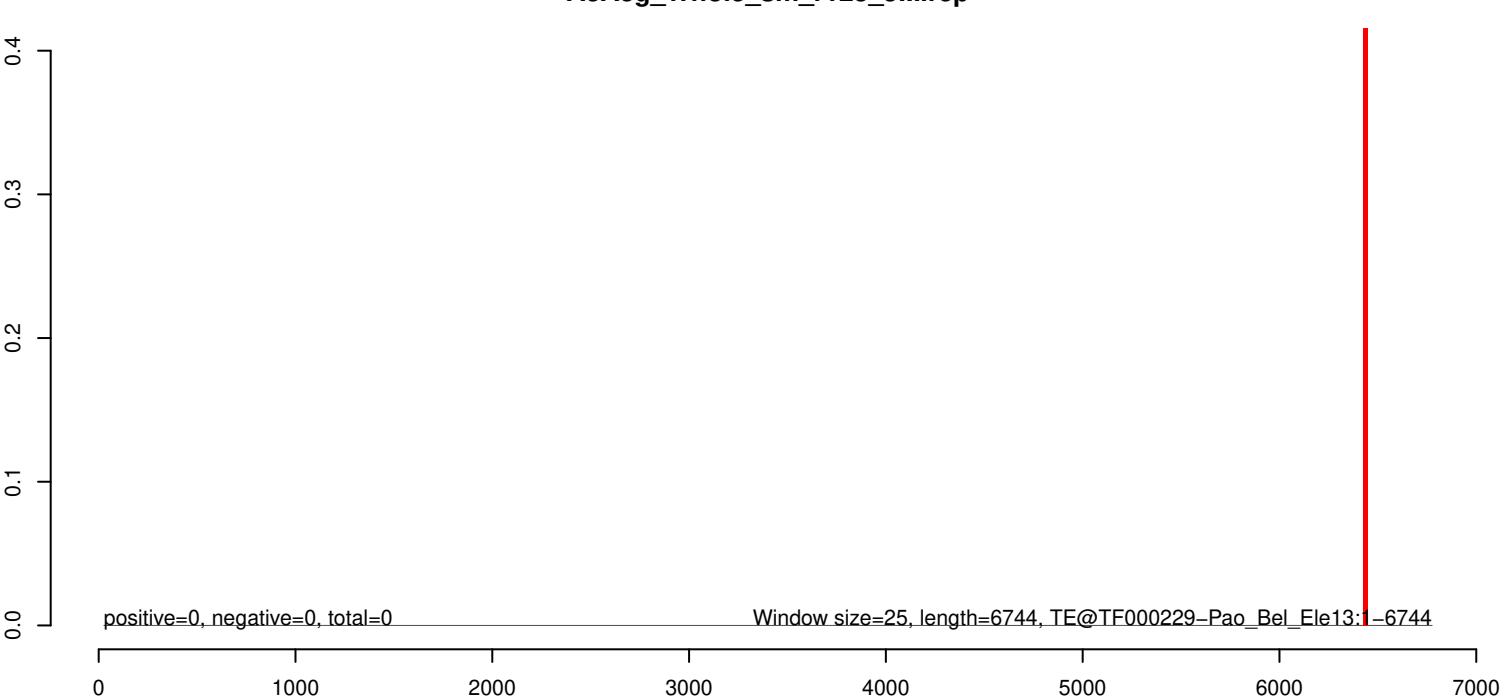
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



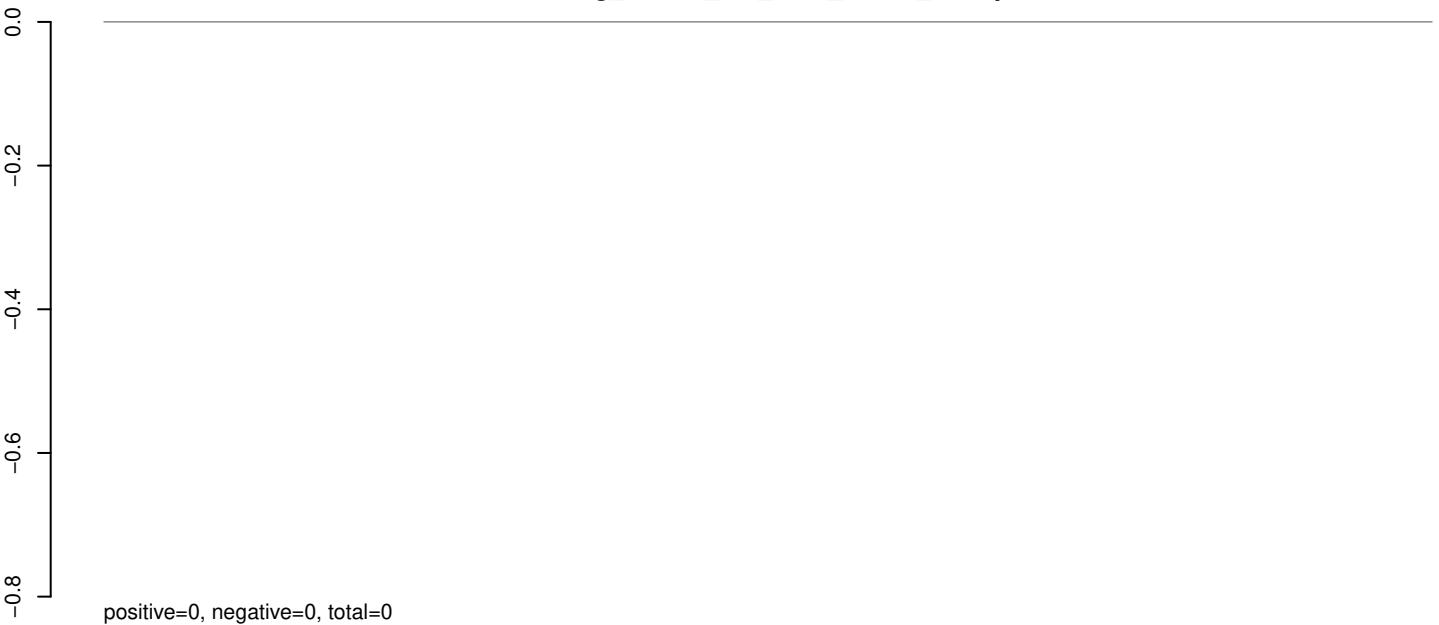
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



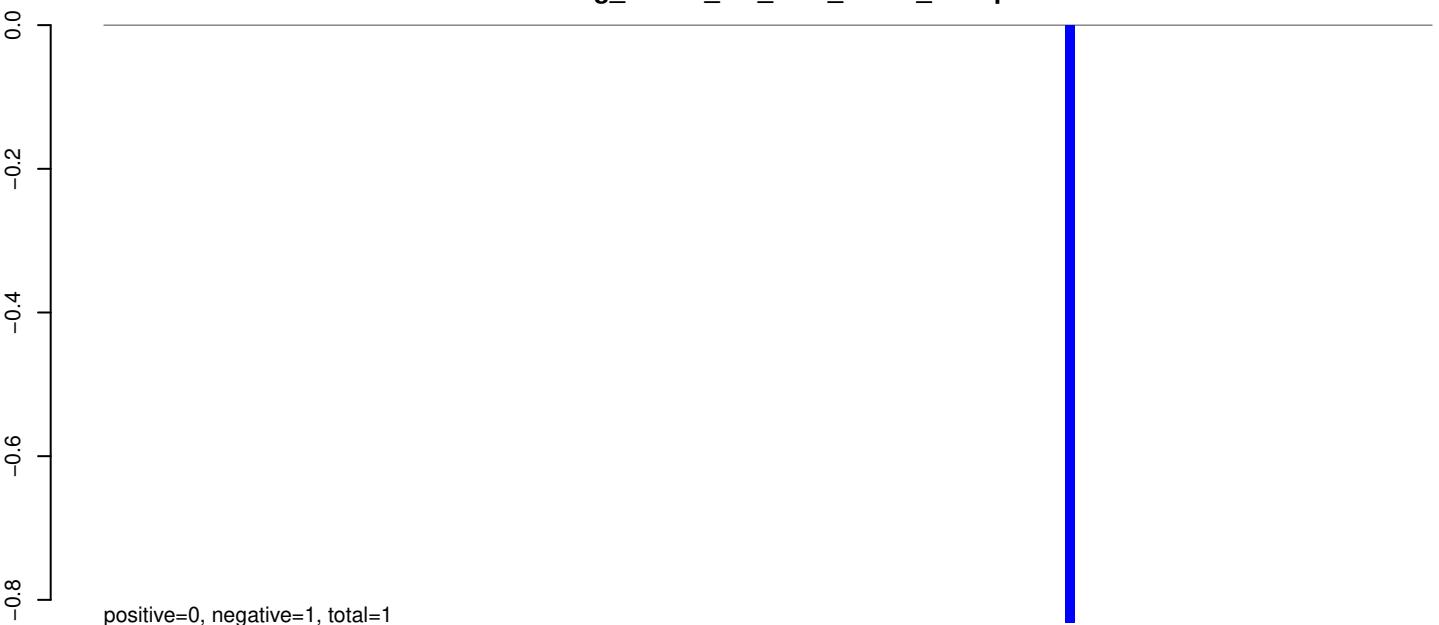
### AeAeg\_Whole\_sm\_r123\_JM.rep



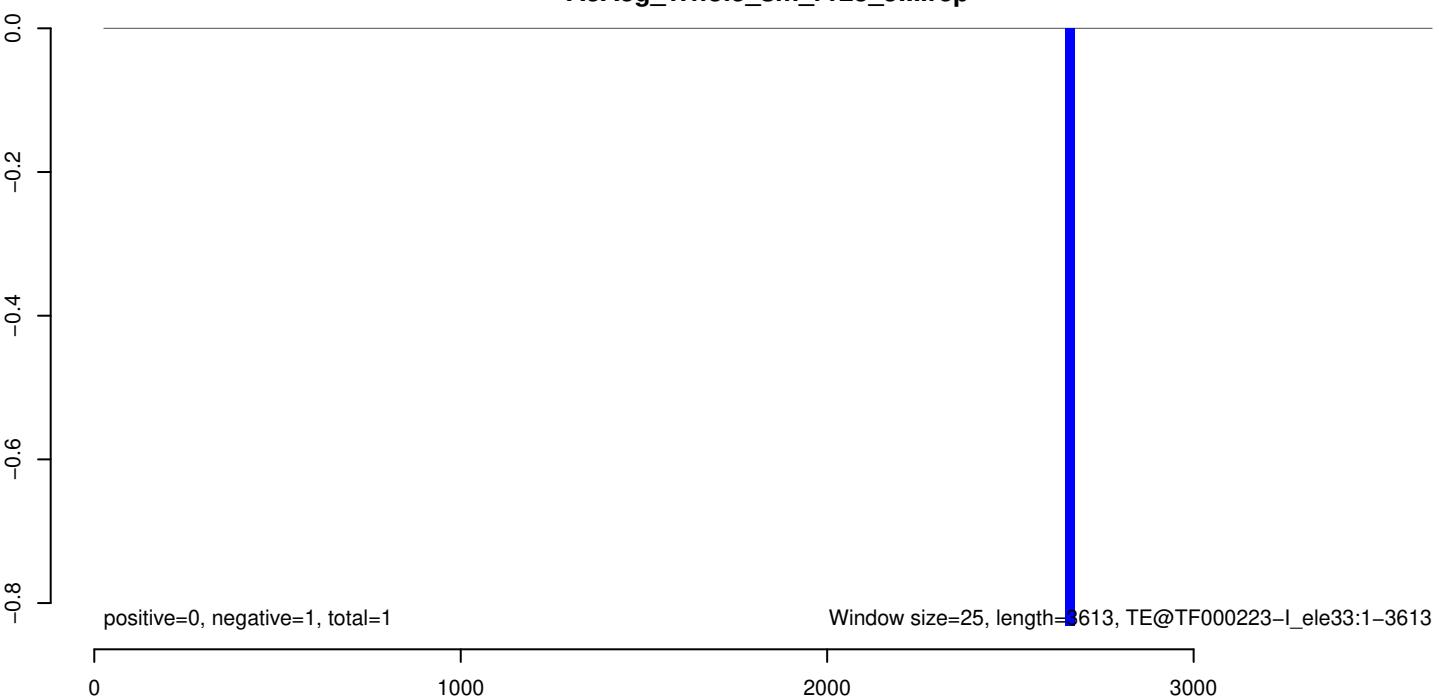
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



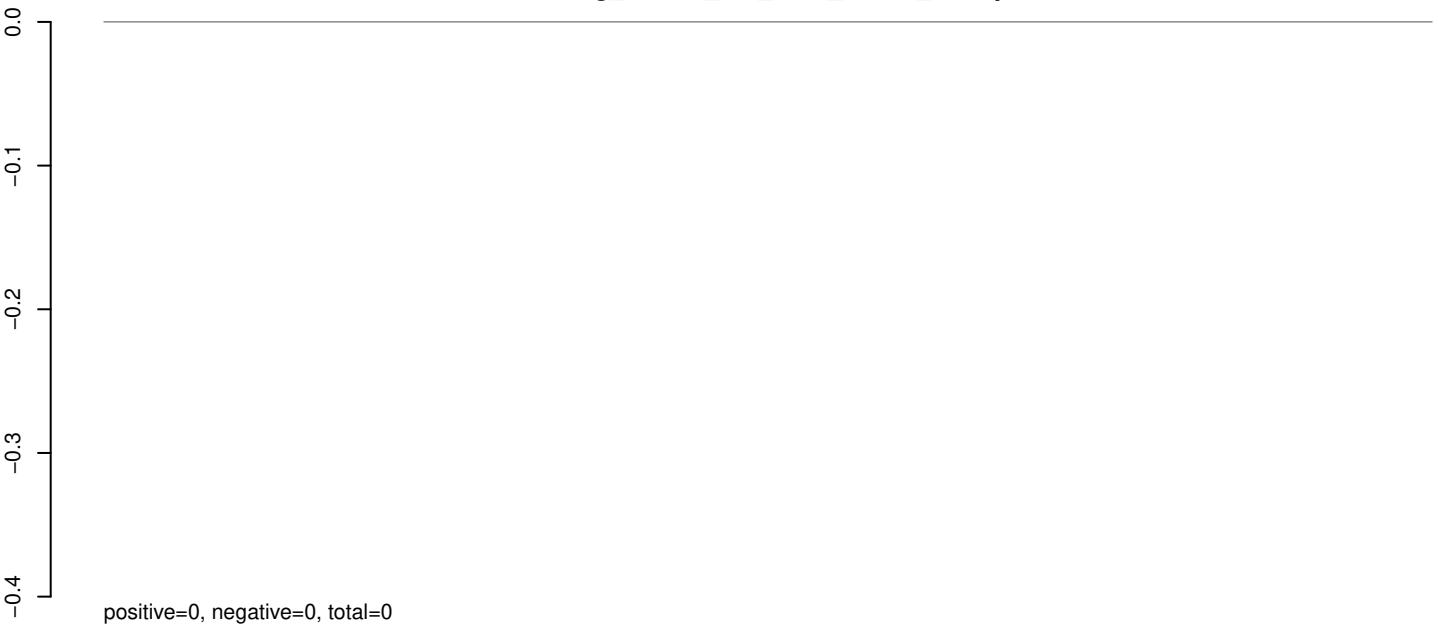
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



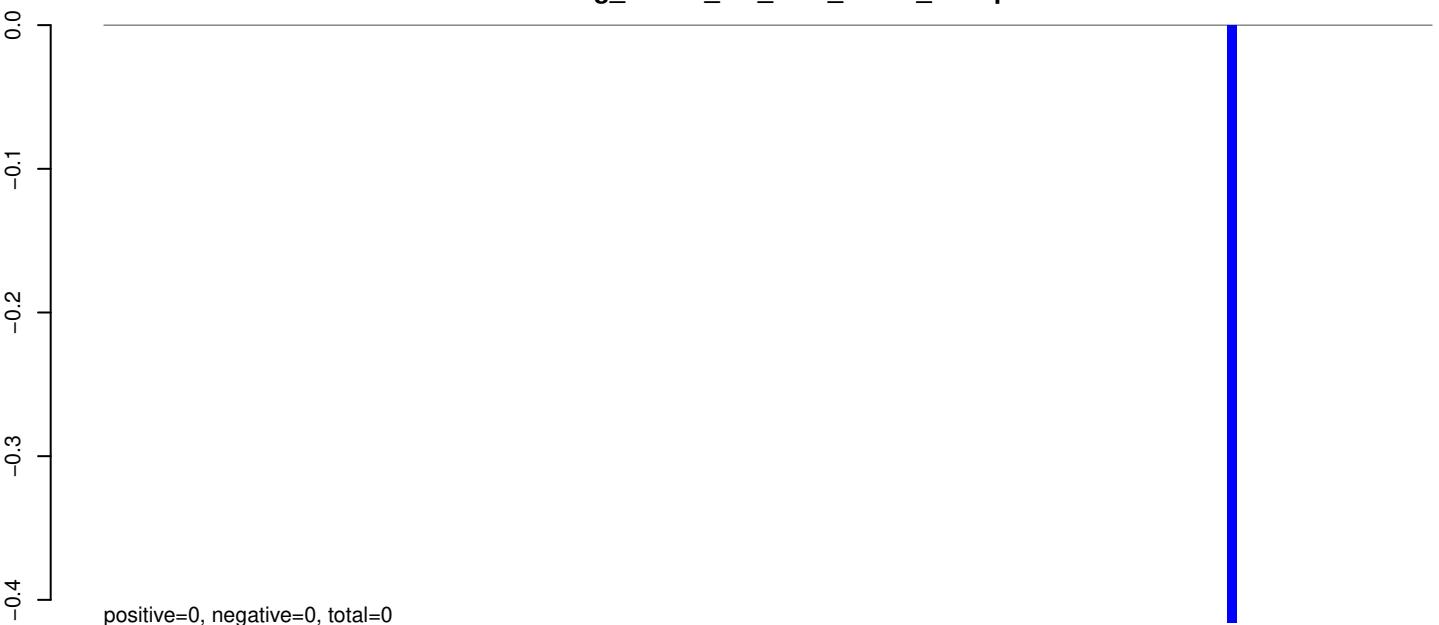
### AeAeg\_Whole\_sm\_r123\_JM.rep



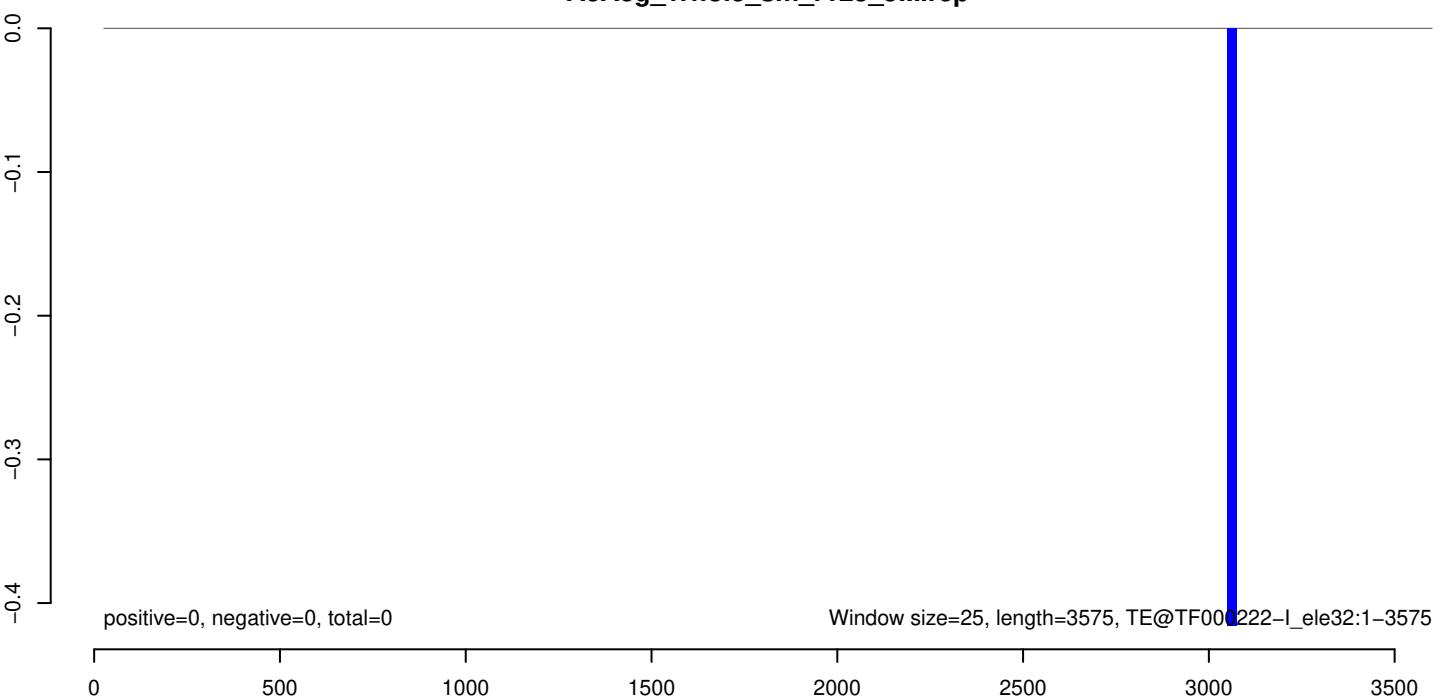
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



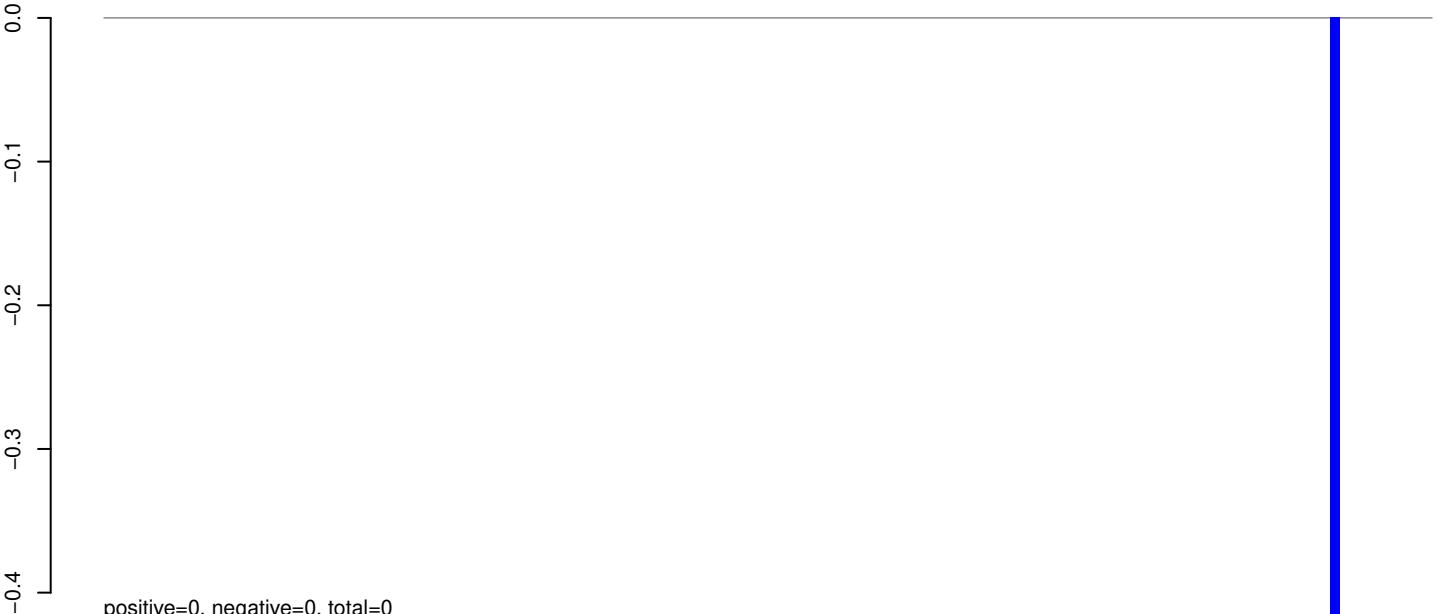
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



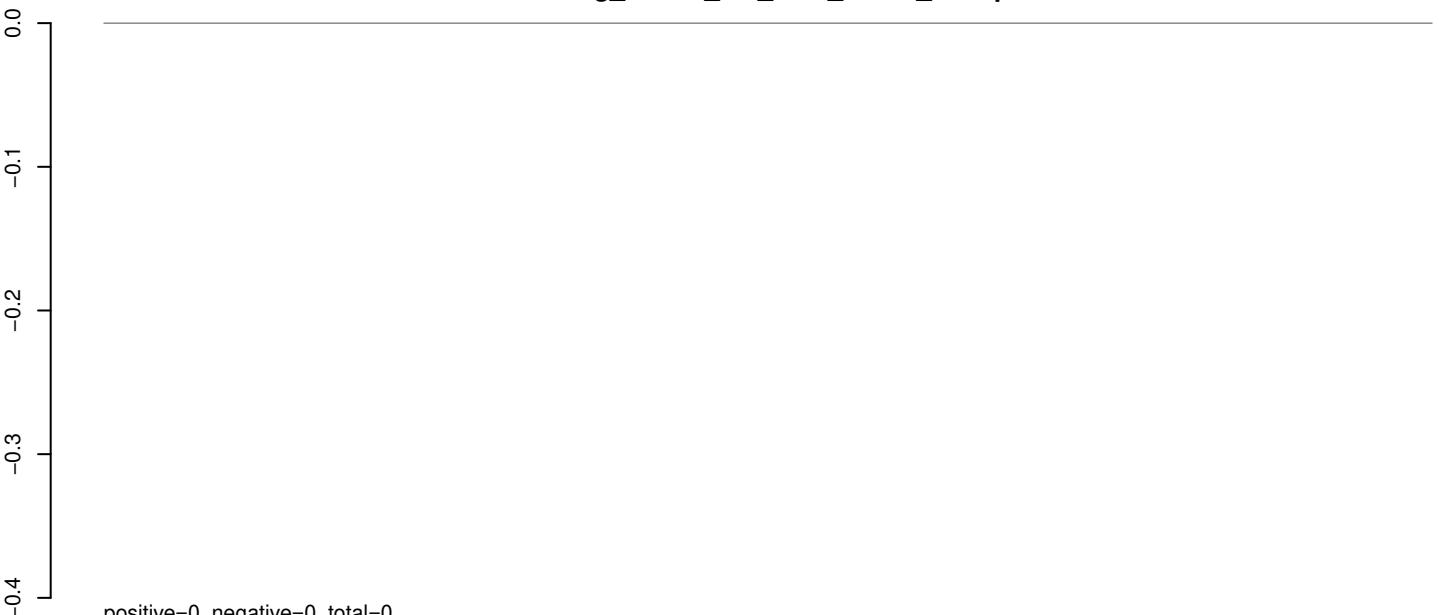
### AeAeg\_Whole\_sm\_r123\_JM.rep



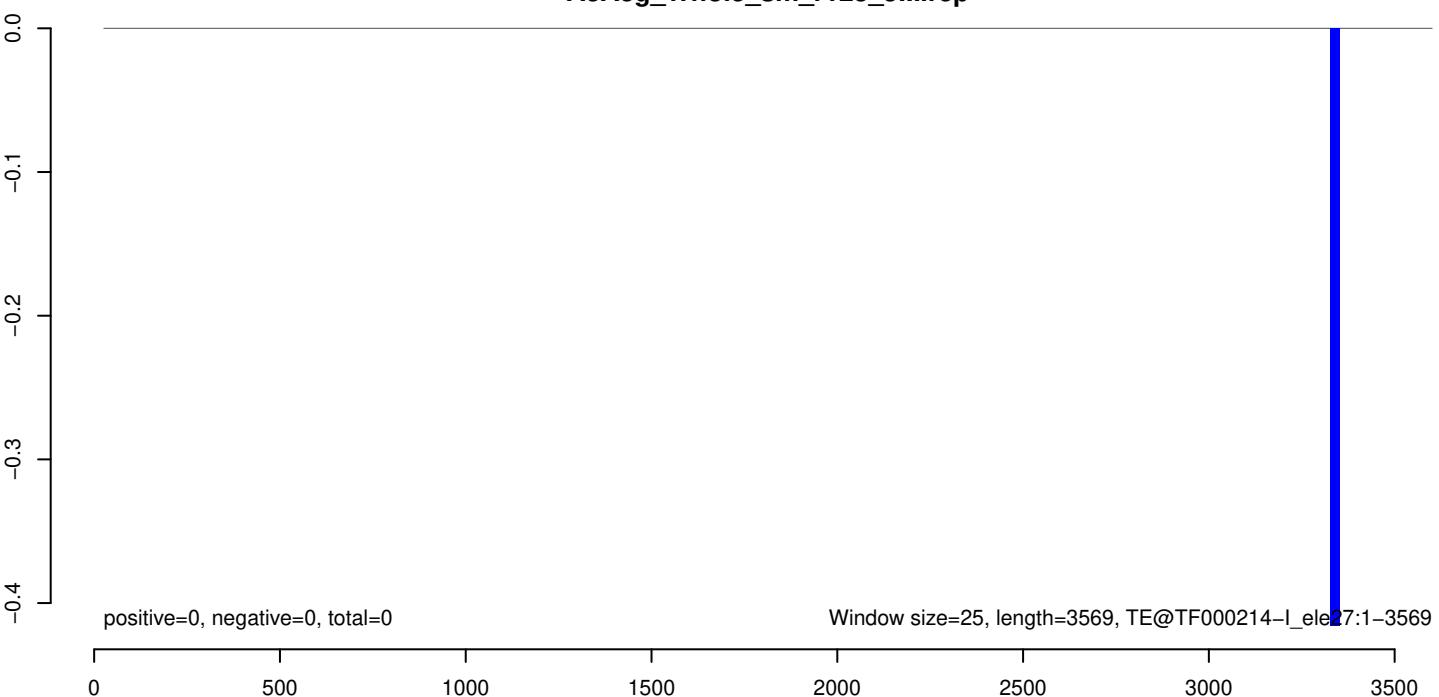
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



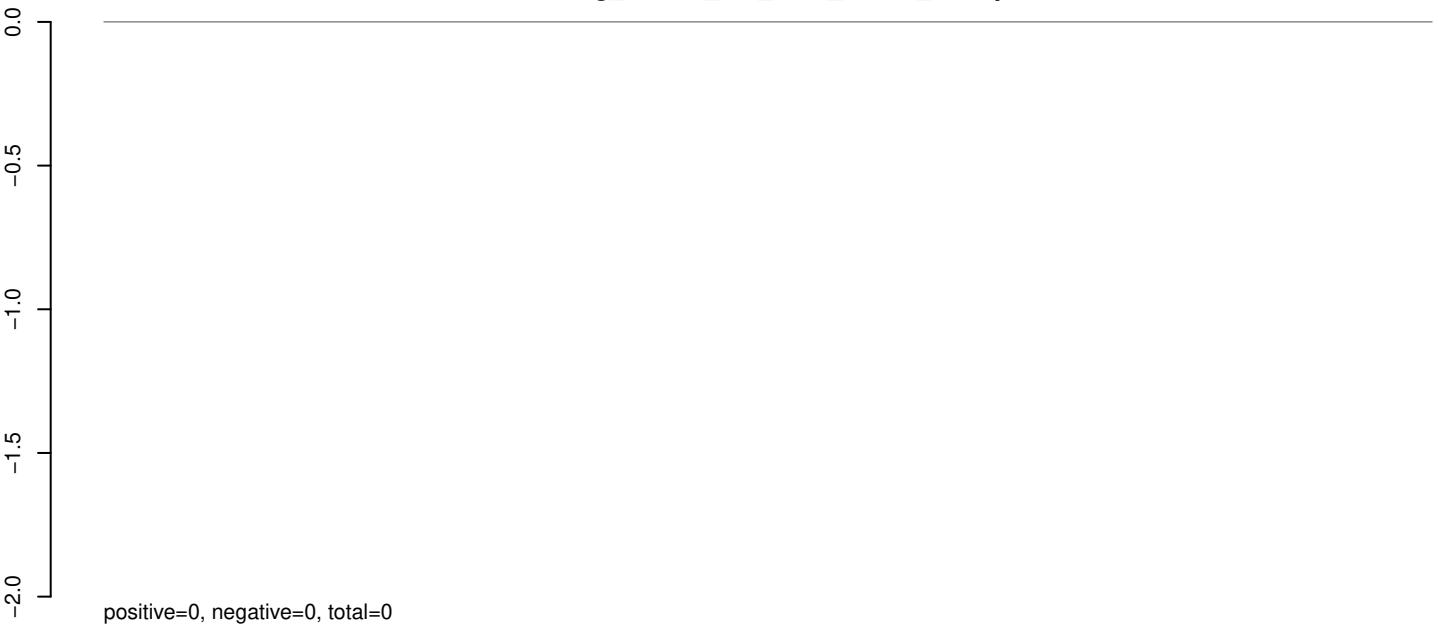
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



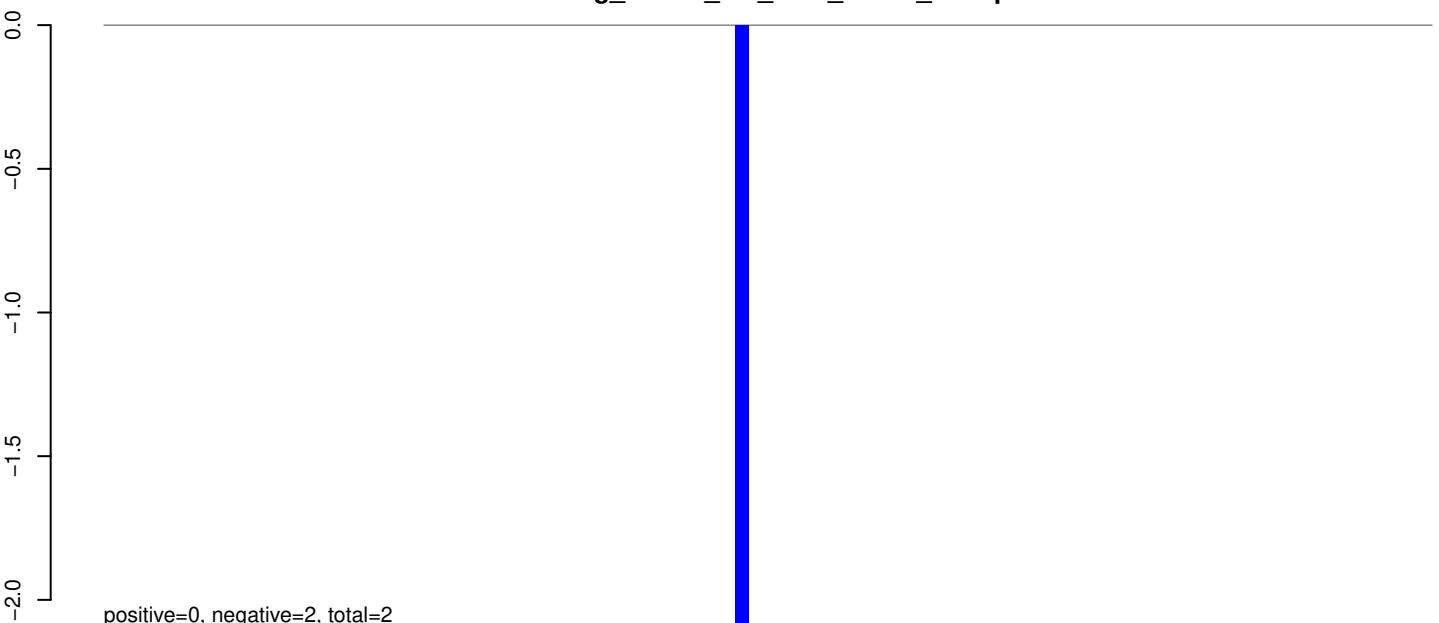
### AeAeg\_Whole\_sm\_r123\_JM.rep



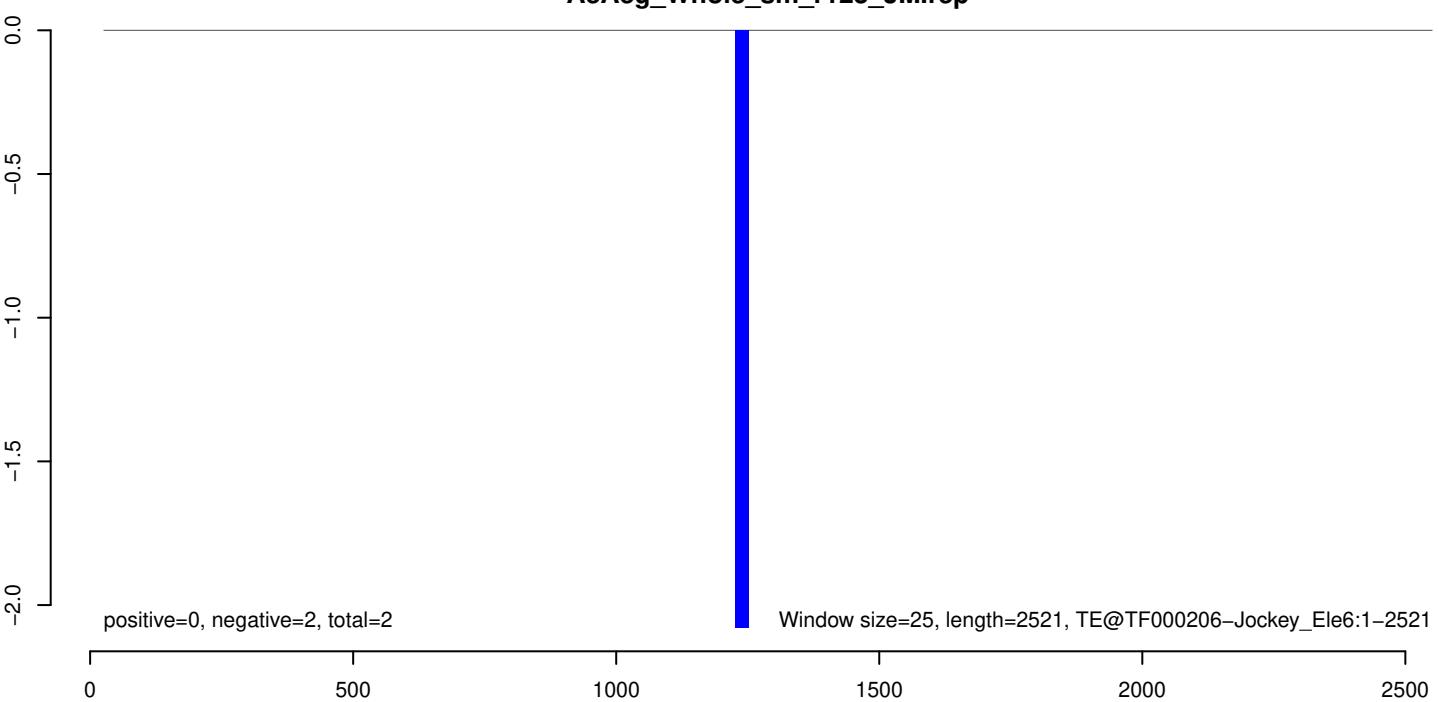
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



0 500 1000 1500 2000 2500

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

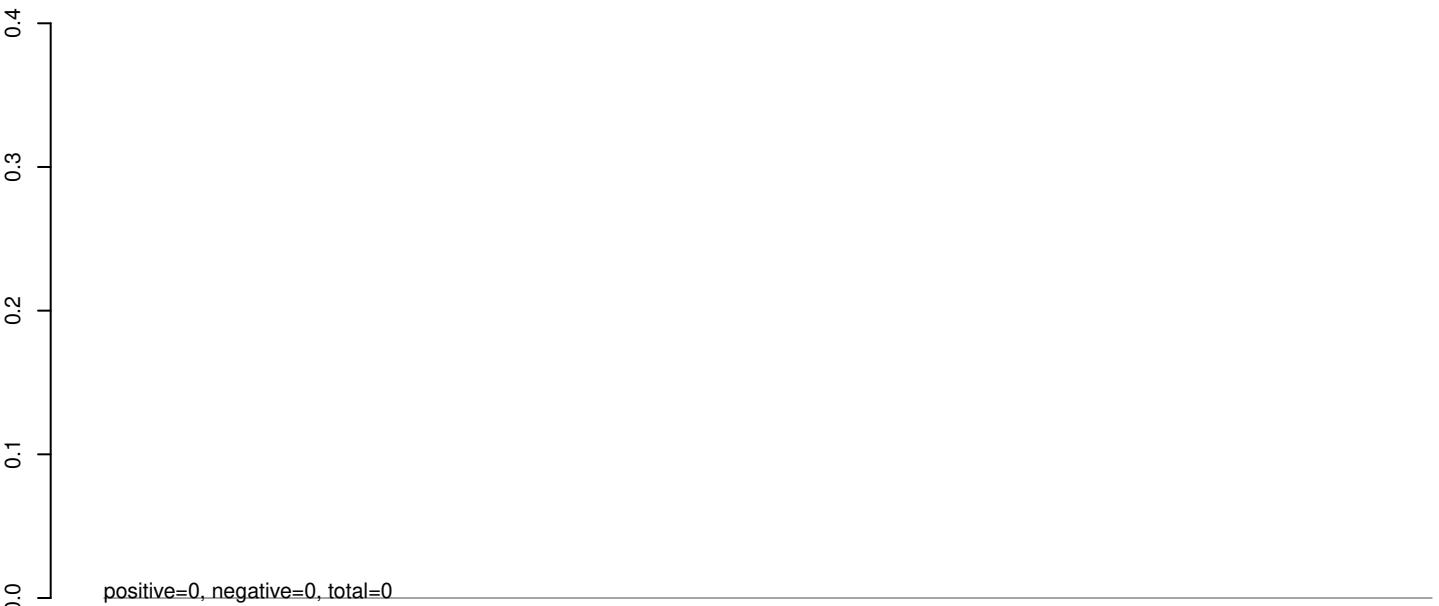
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=0, total=0

Window size=25, length=6156, TE@TF000191-l\_ele17:1-6156

0 1000 2000 3000 4000 5000 6000

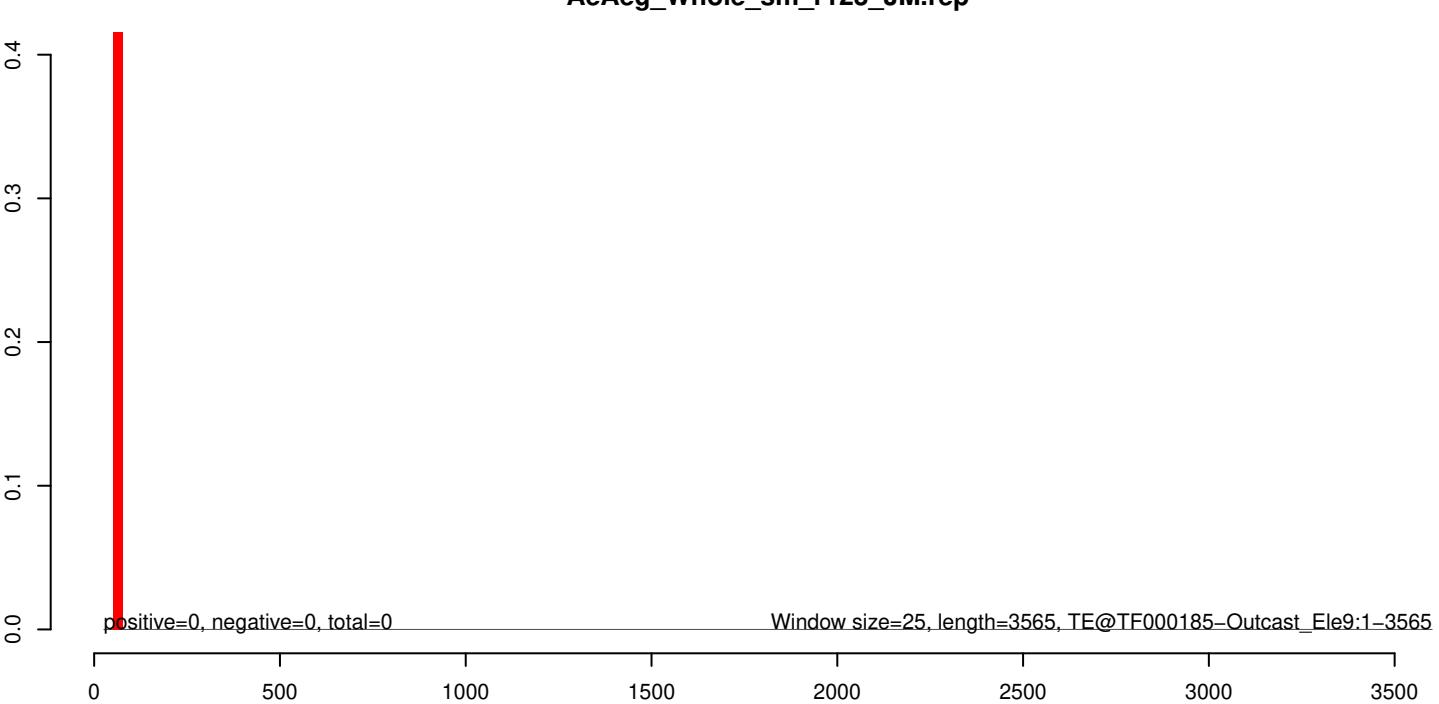
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



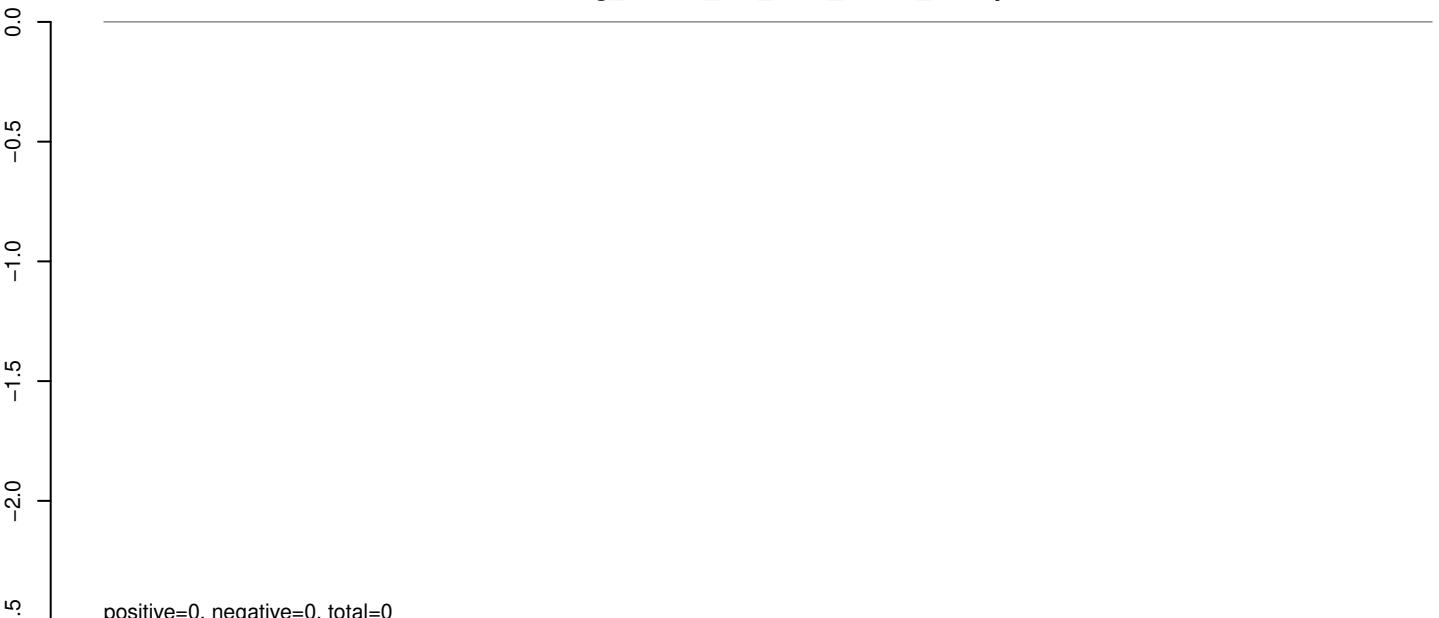
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



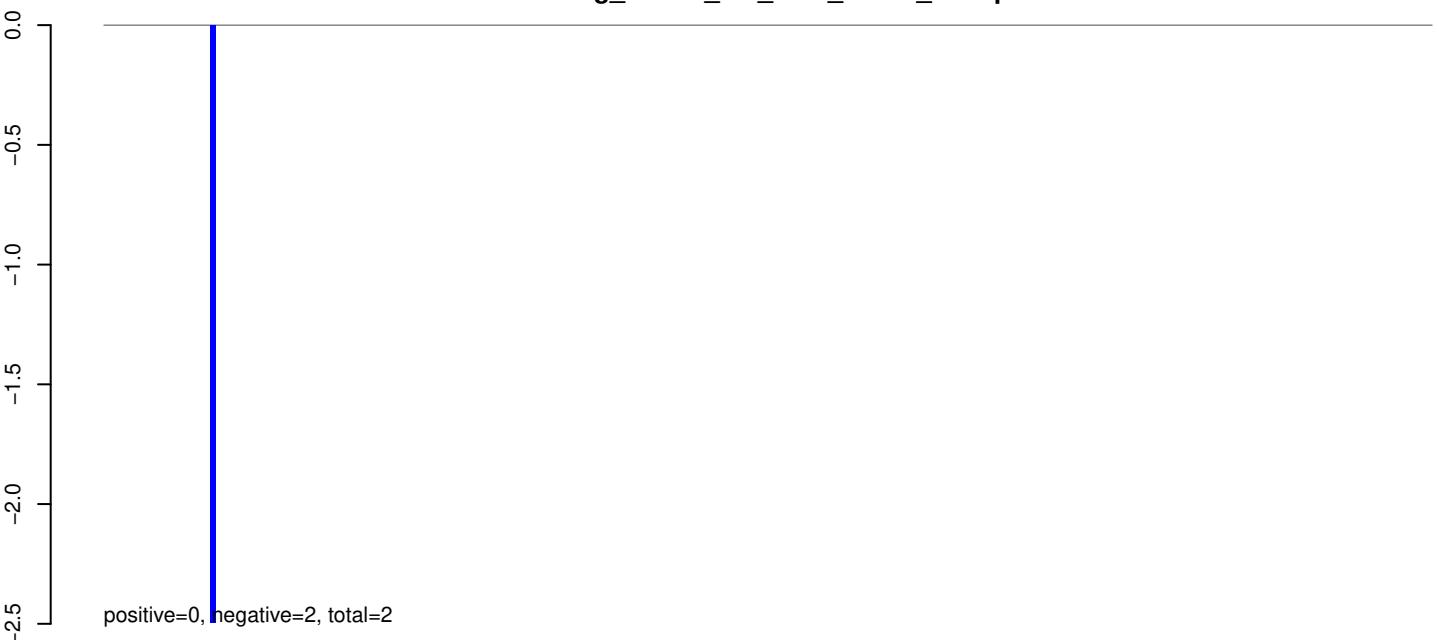
**AeAeg\_Whole\_sm\_r123\_JM.rep**



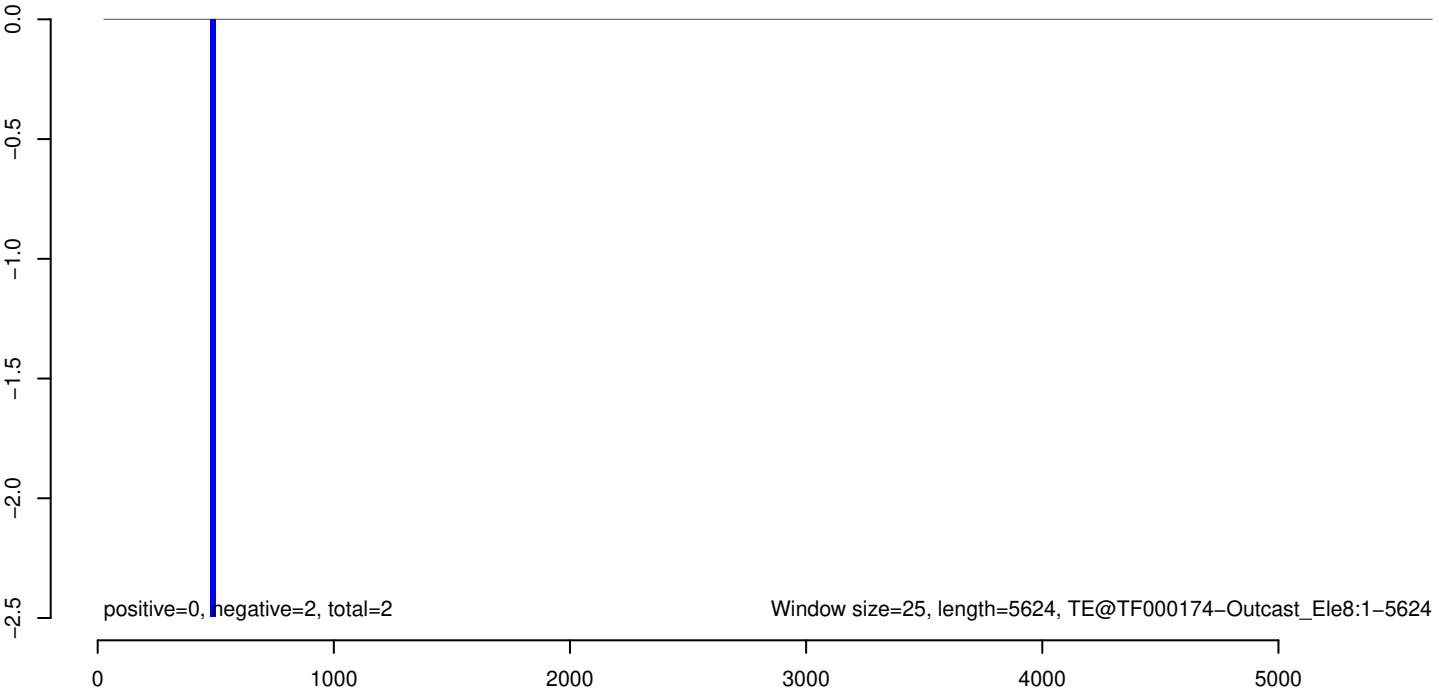
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

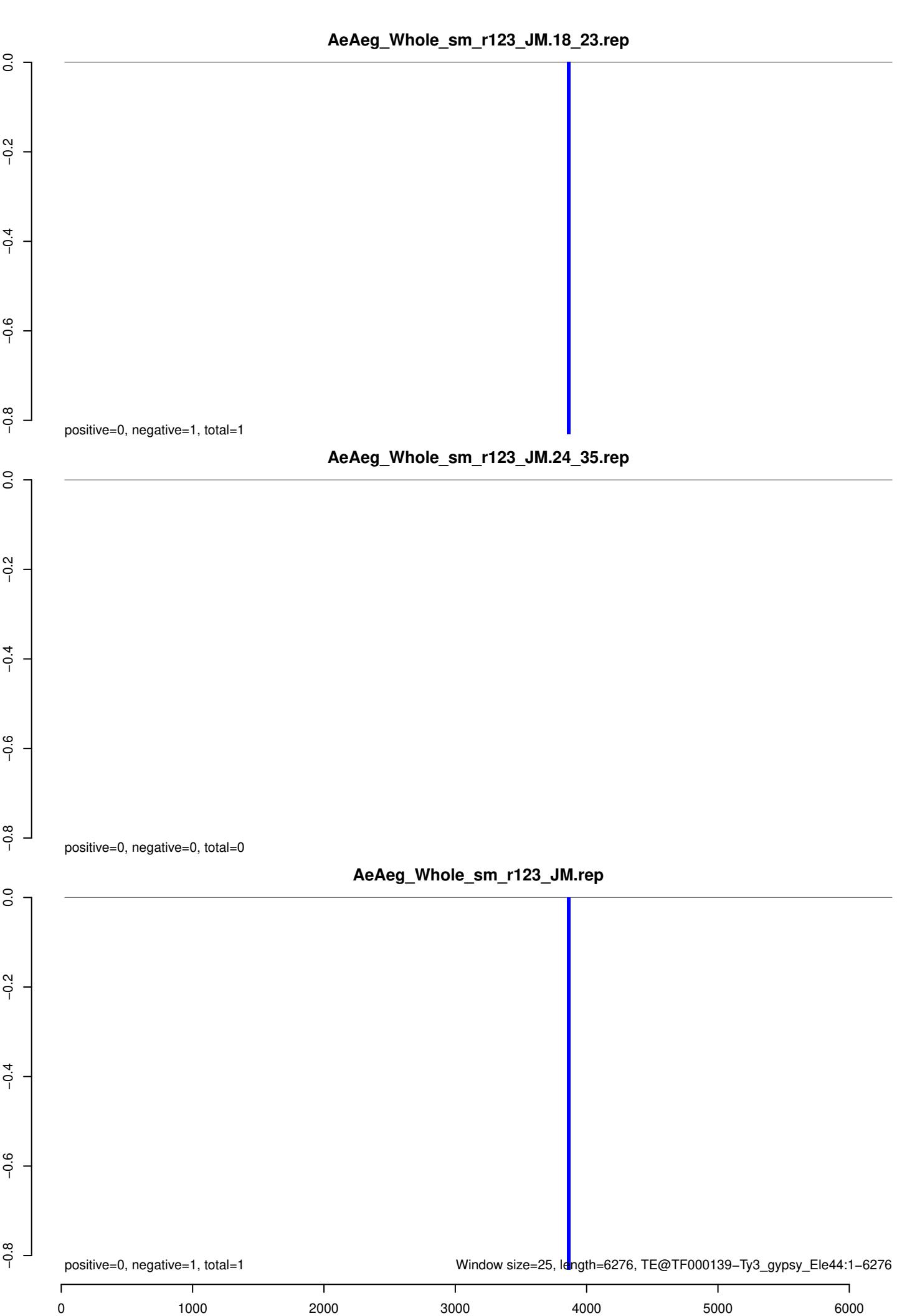
positive=0, negative=1, total=1

positive=0, negative=0, total=0

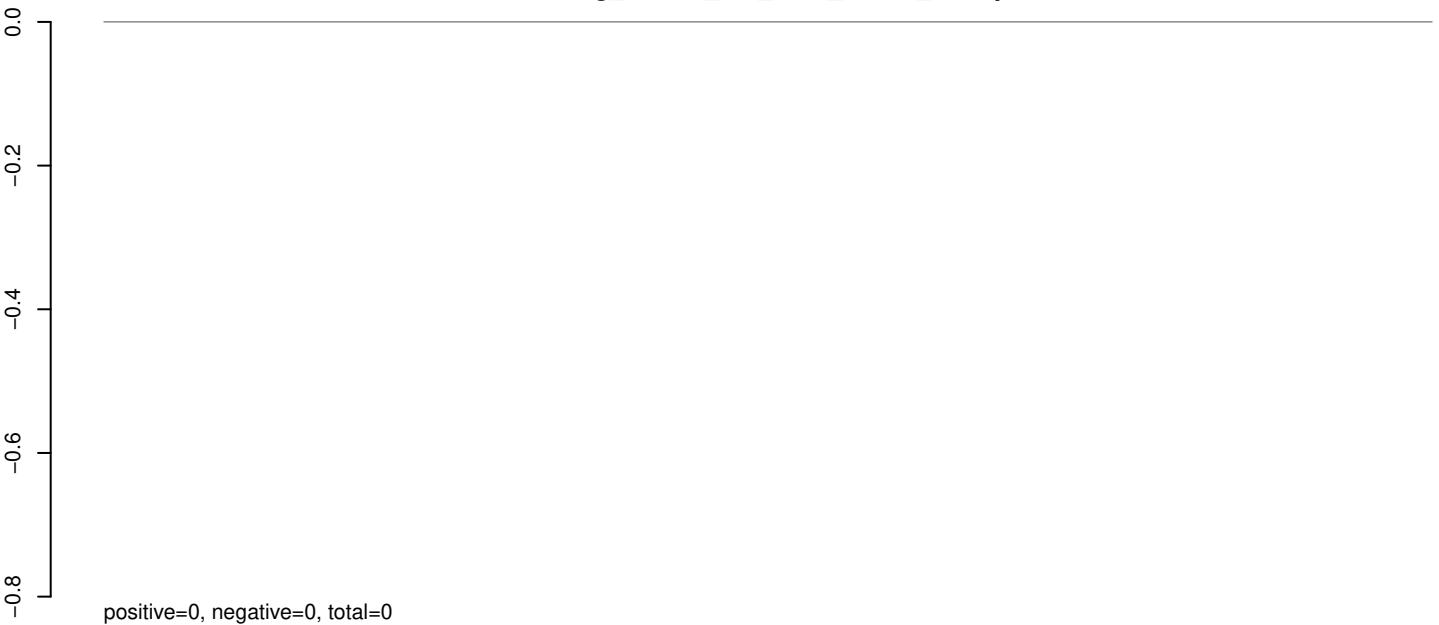
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

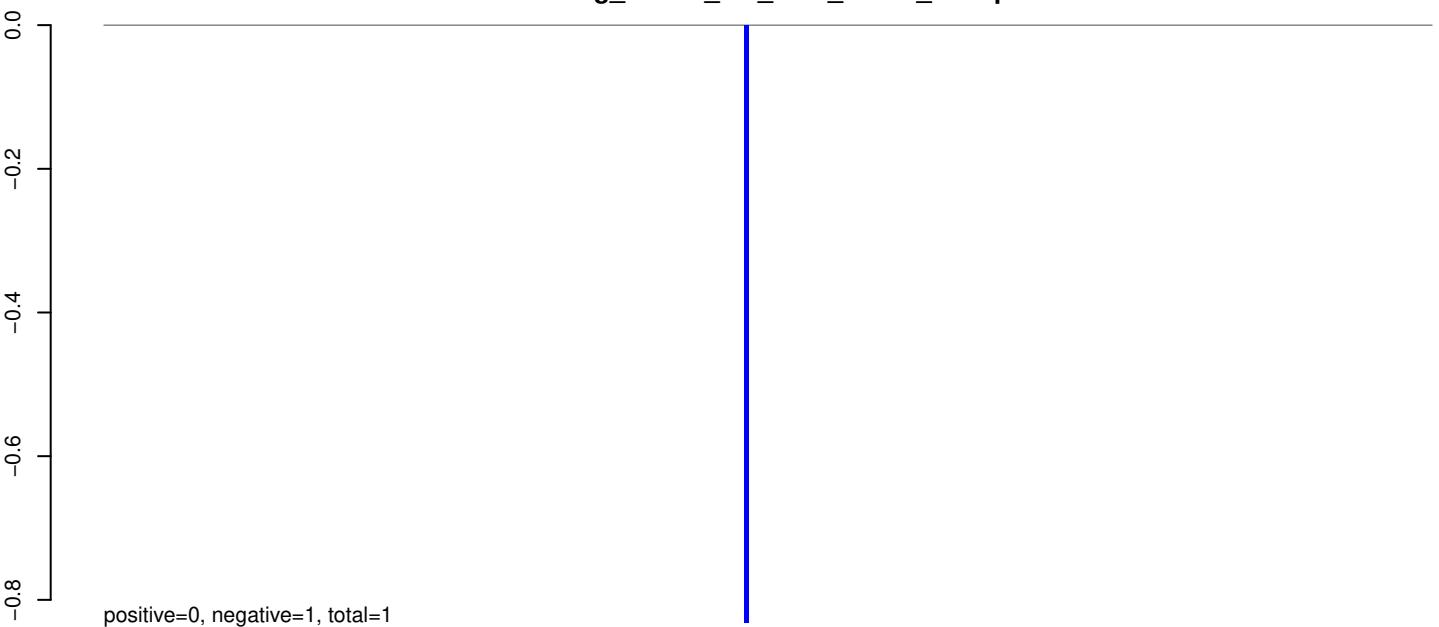
Window size=25, length=6276, TE@TF000139-Ty3\_gypsy\_Ele44:1-6276



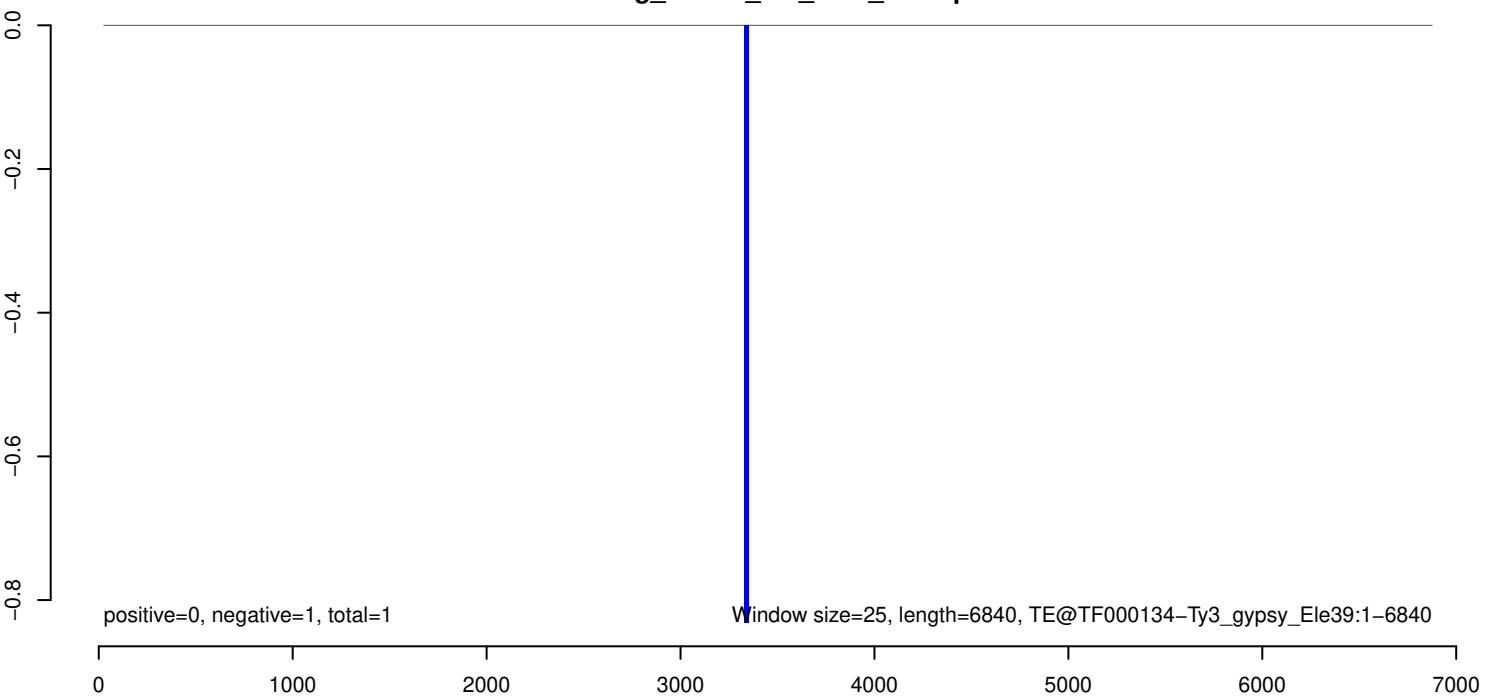
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



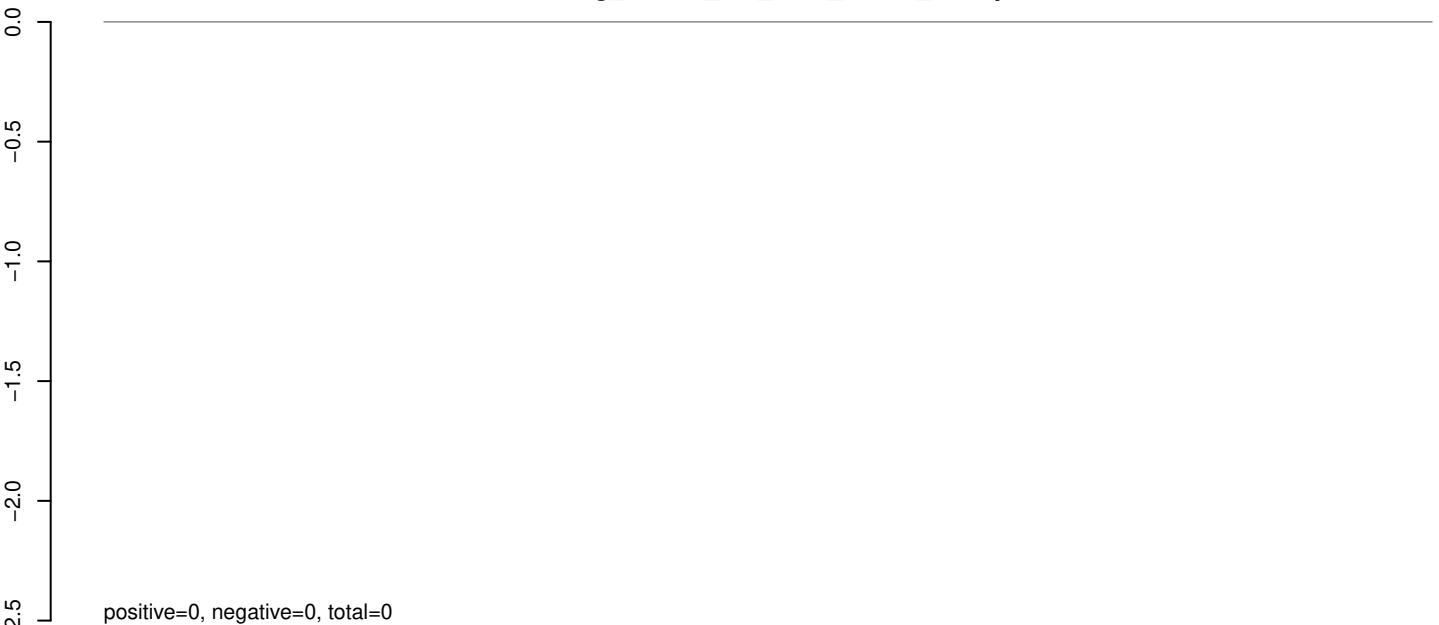
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



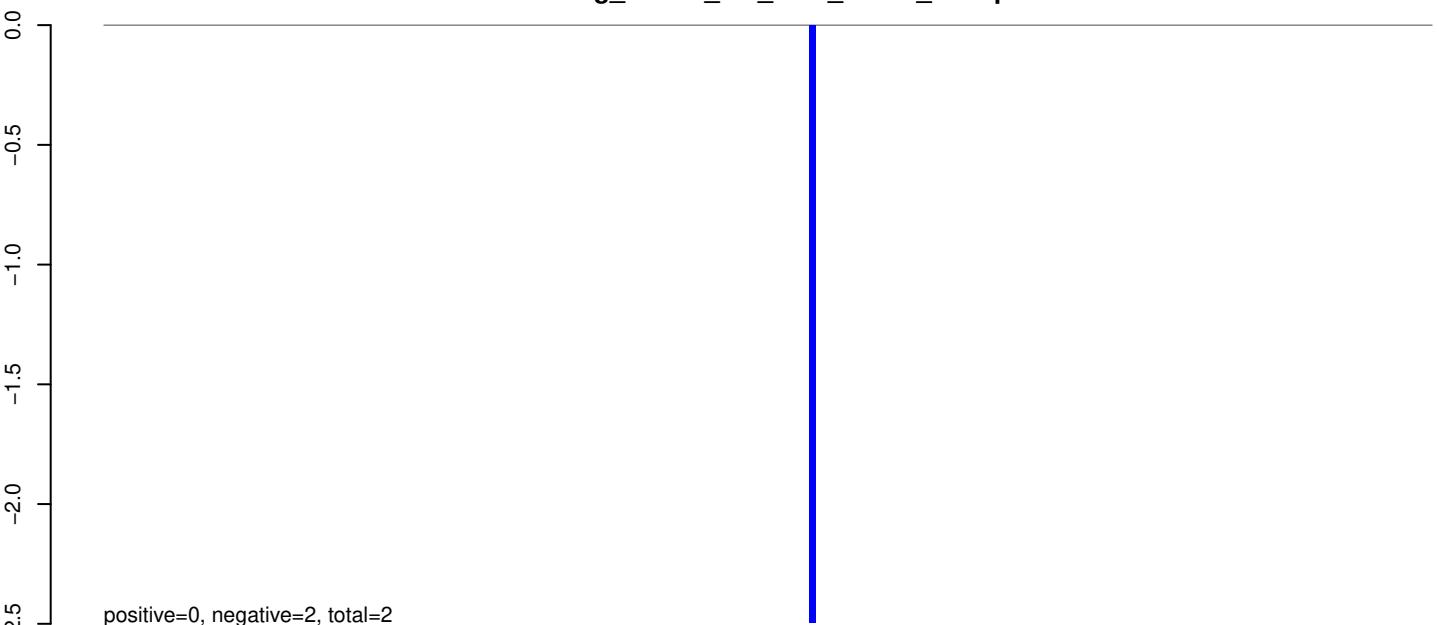
### AeAeg\_Whole\_sm\_r123\_JM.rep



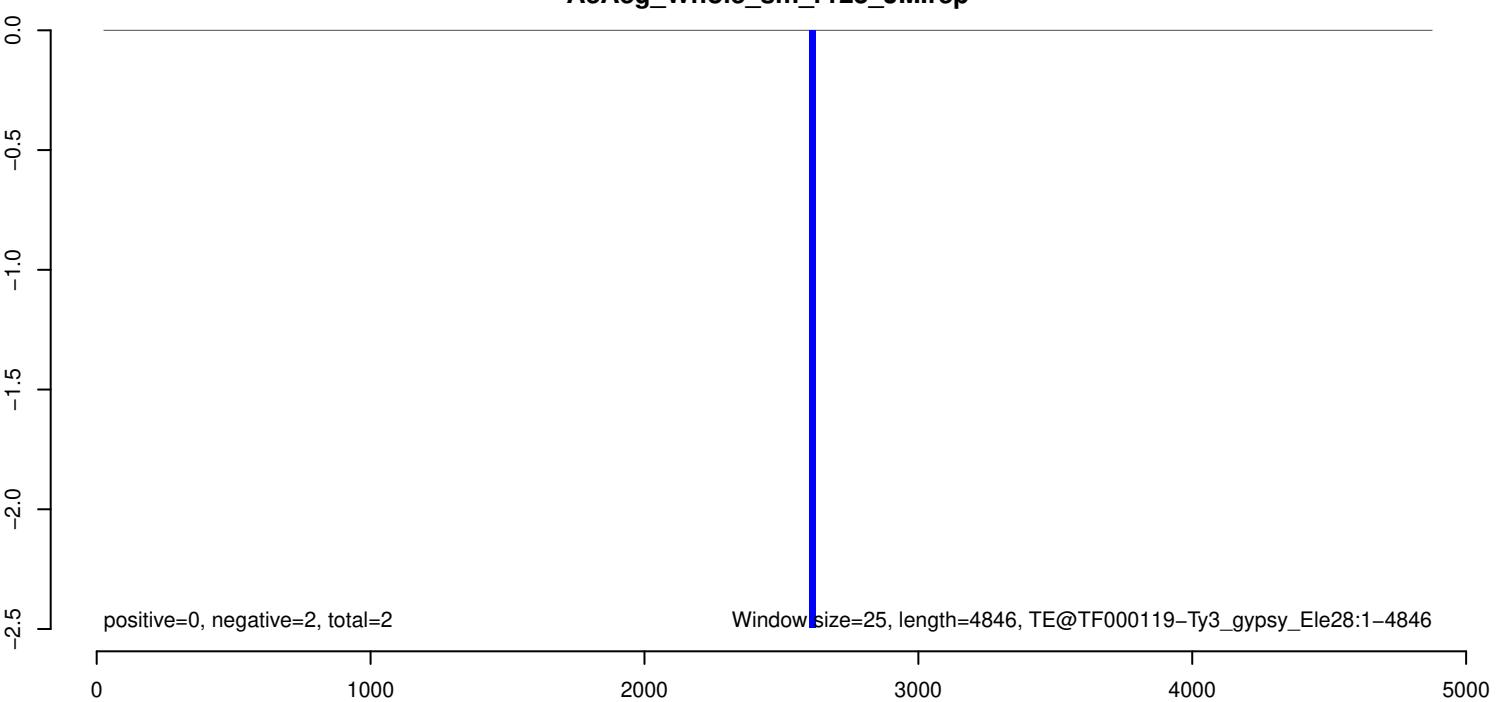
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

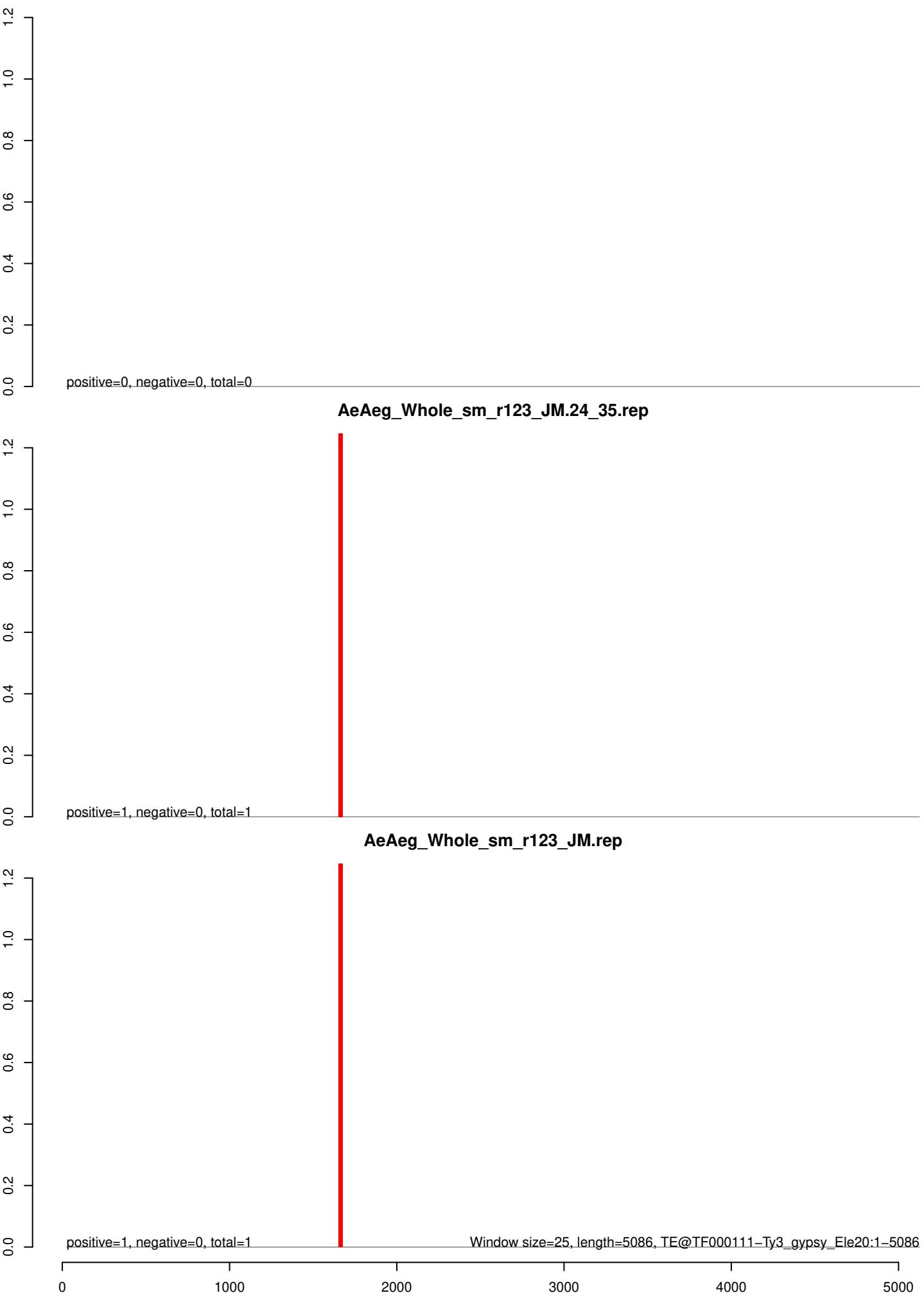
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=1, negative=0, total=1

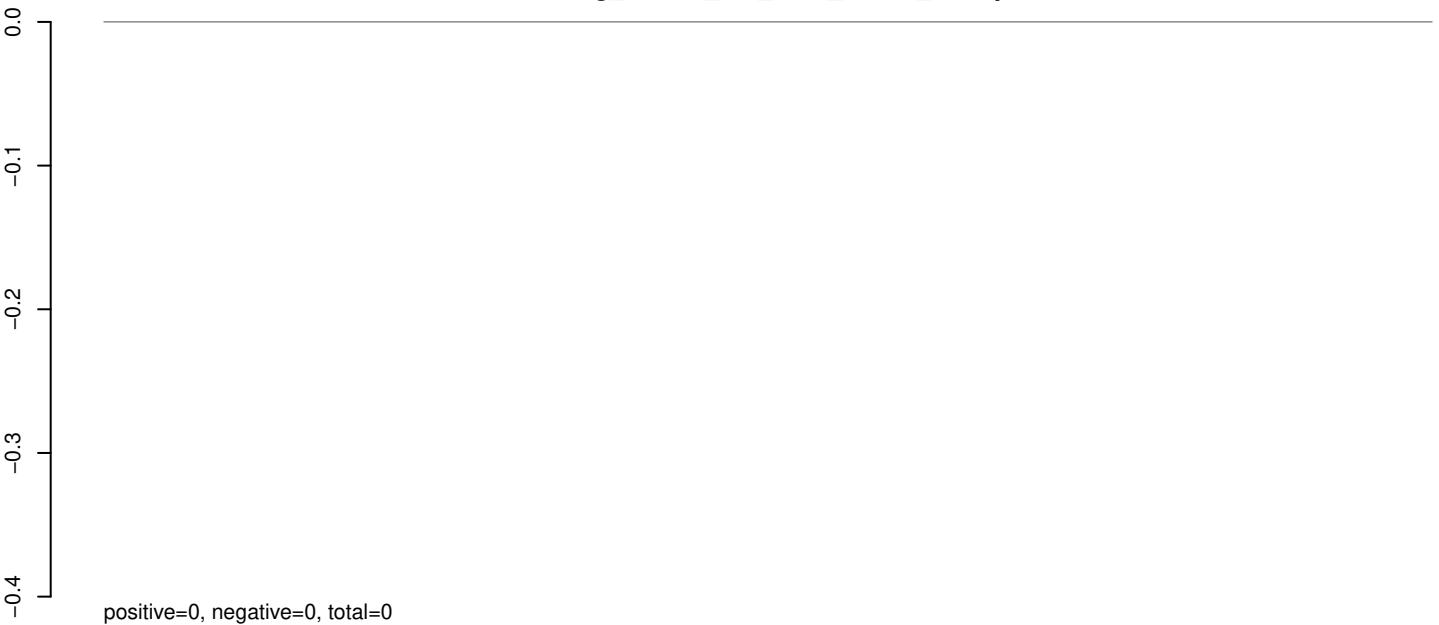
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=1, negative=0, total=1

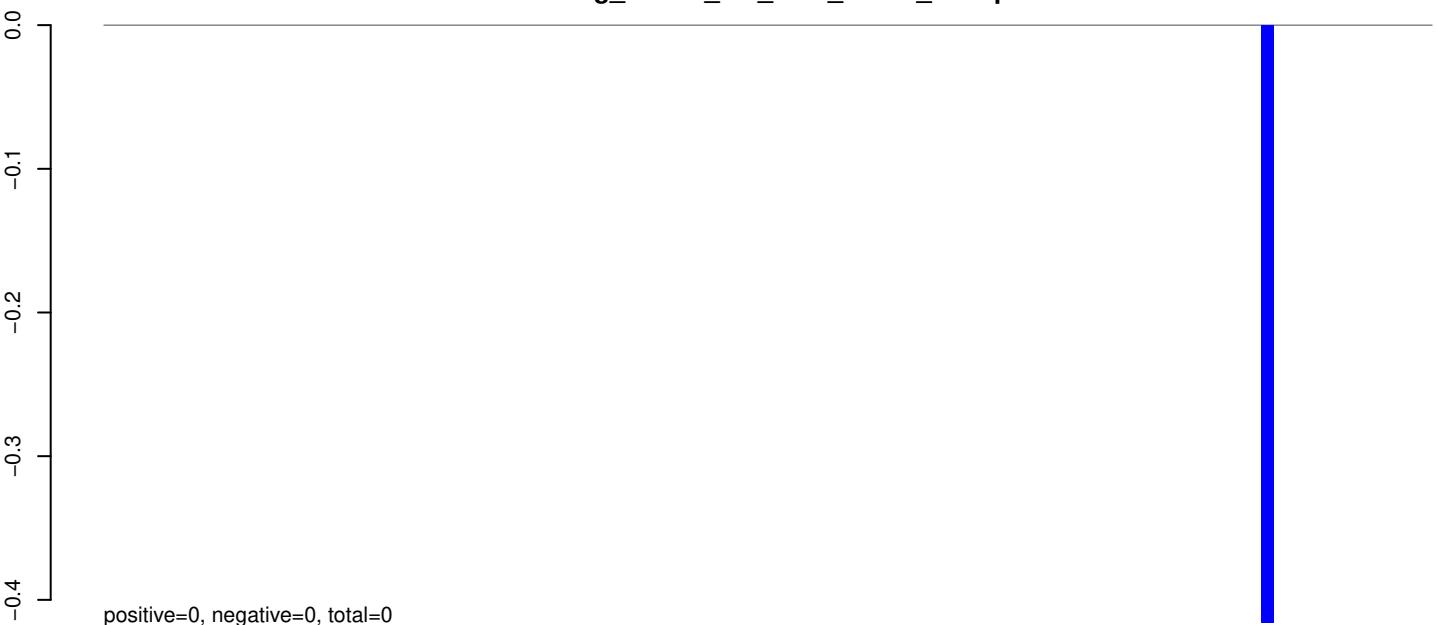
Window size=25, length=5086, TE@TF000111-Ty3\_gypsy\_Ele20:1-5086



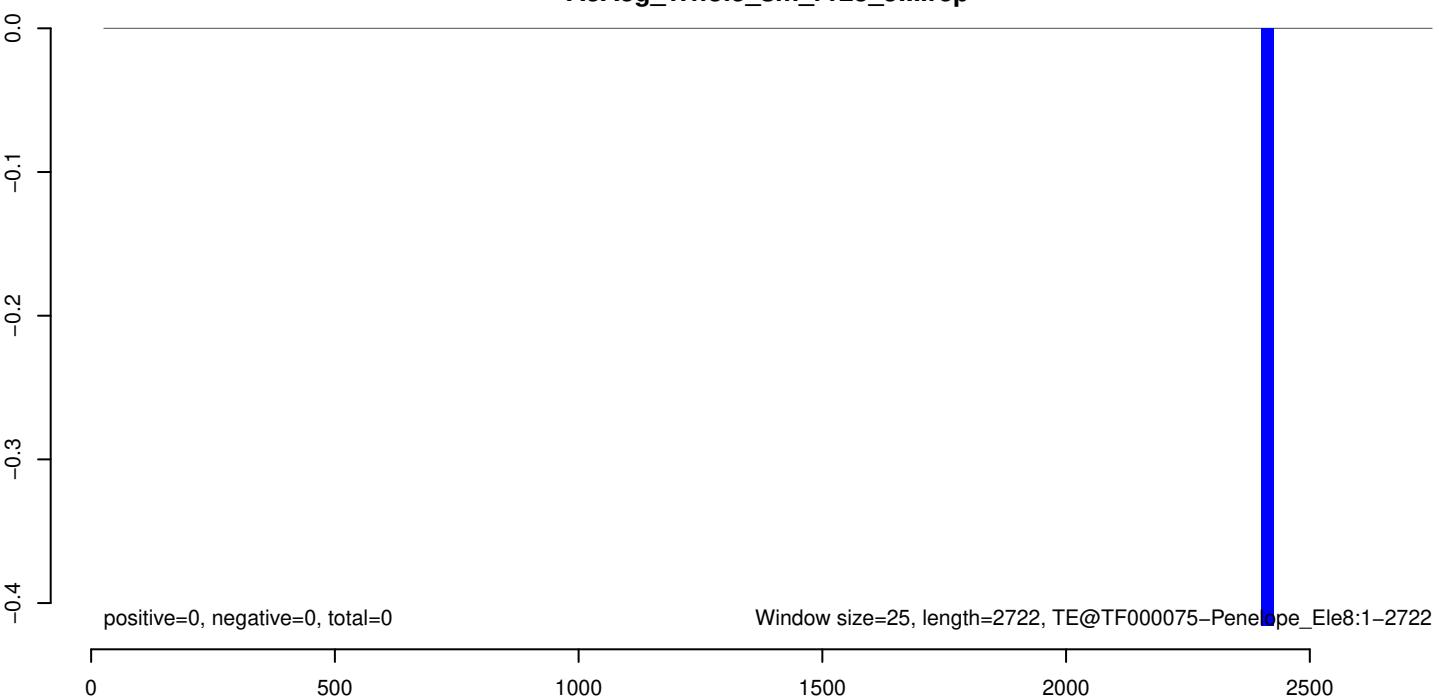
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.rep

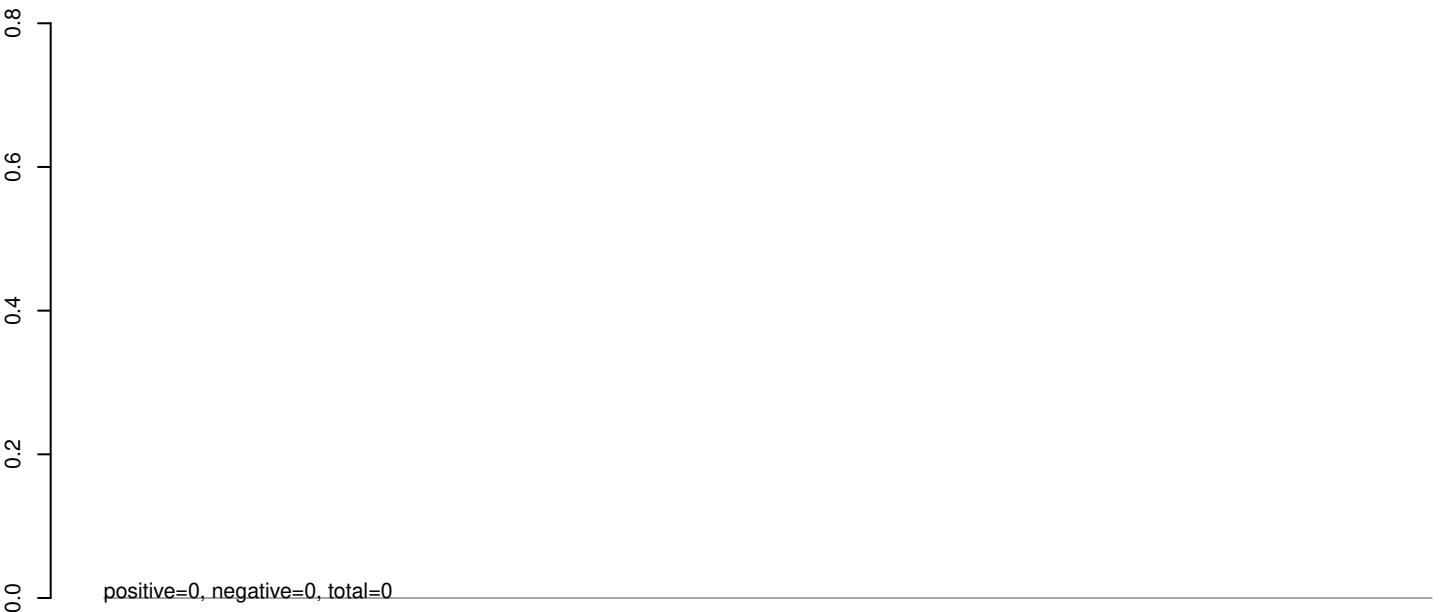
positive=0, negative=0, total=0

Window size=25, length=4078, TE@TF000066-CR1\_Ele19:1-4078

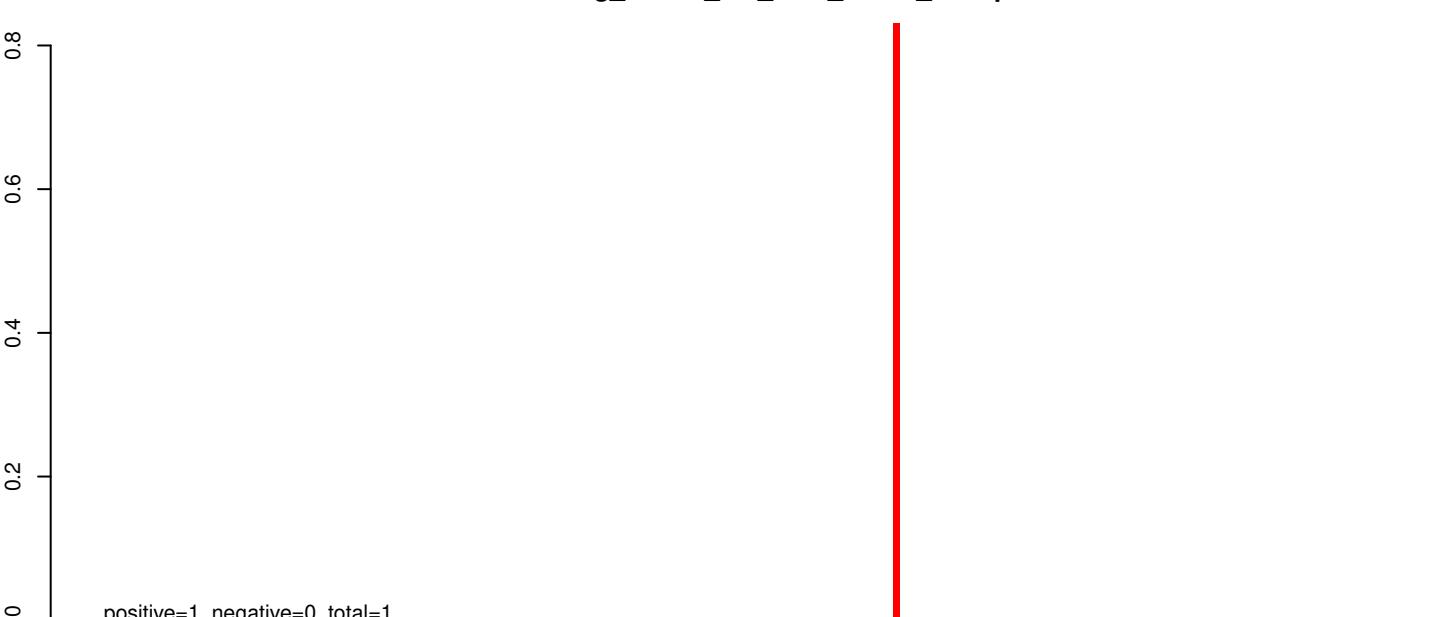


0 1000 2000 3000 4000

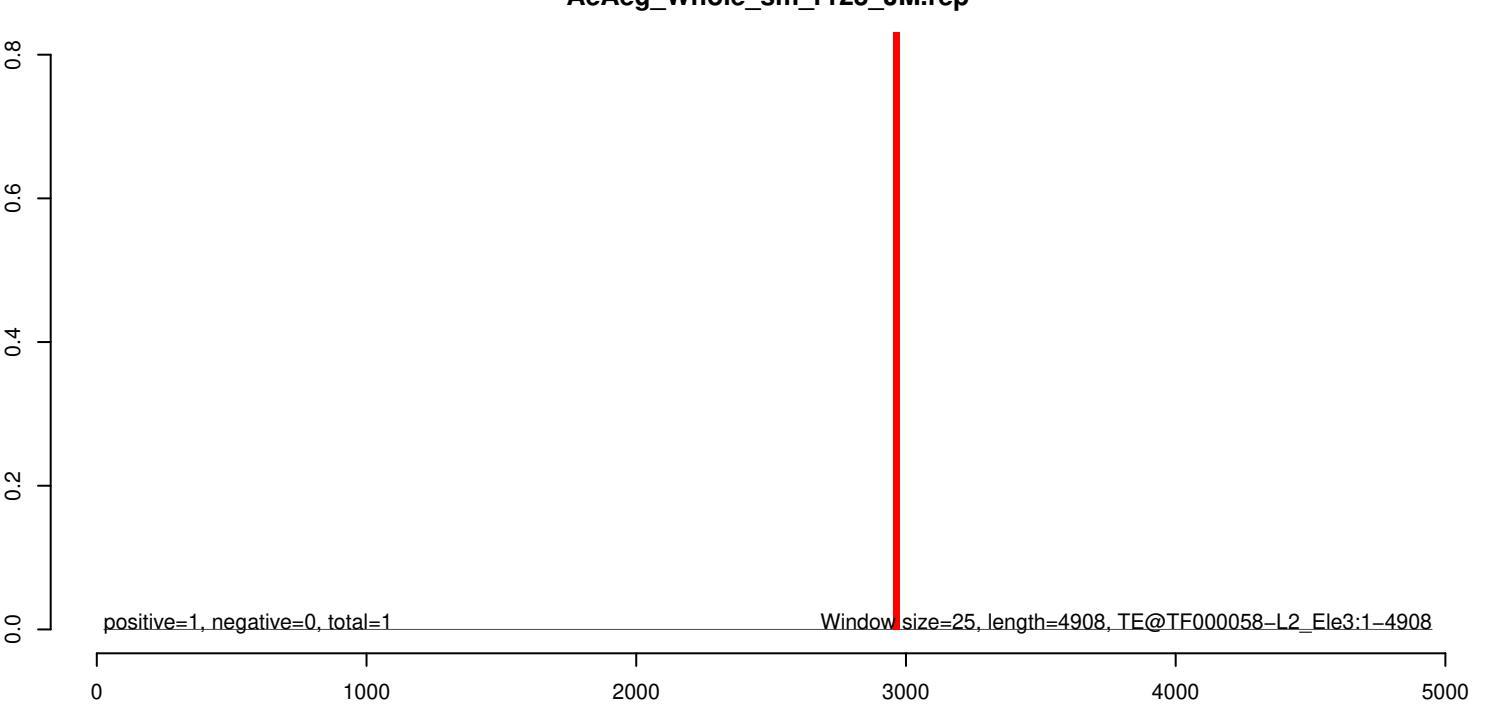
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



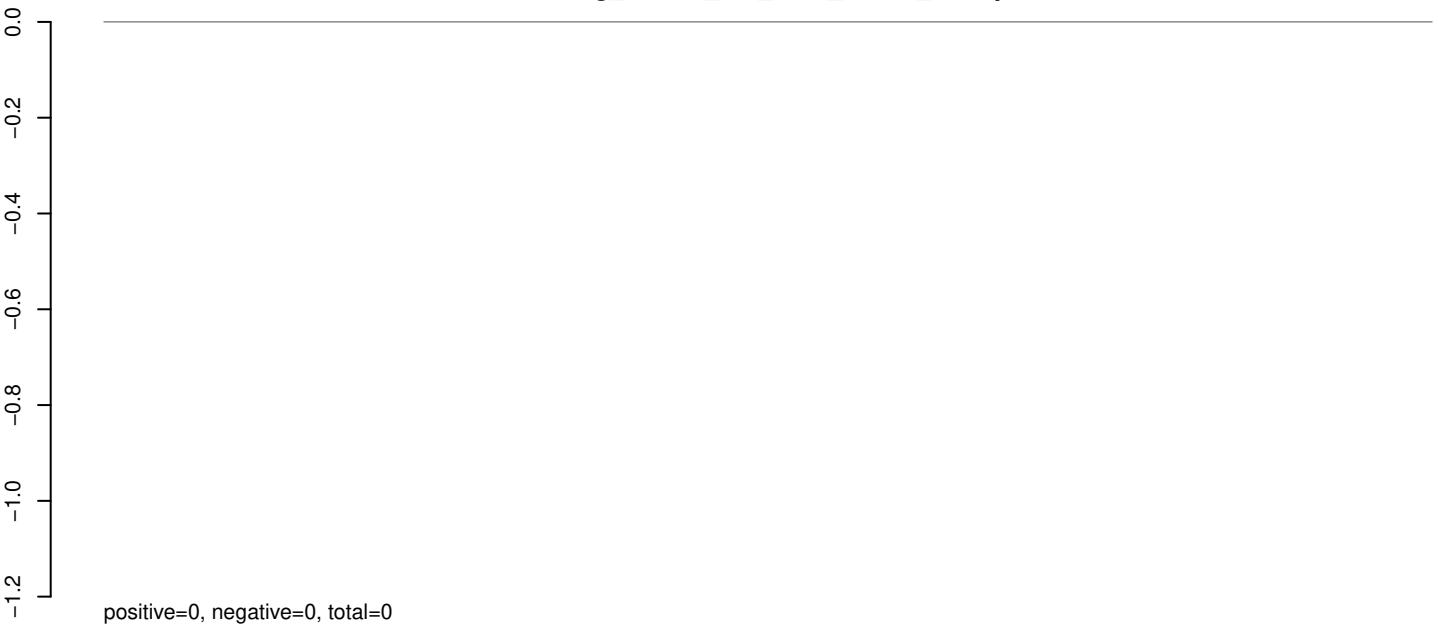
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



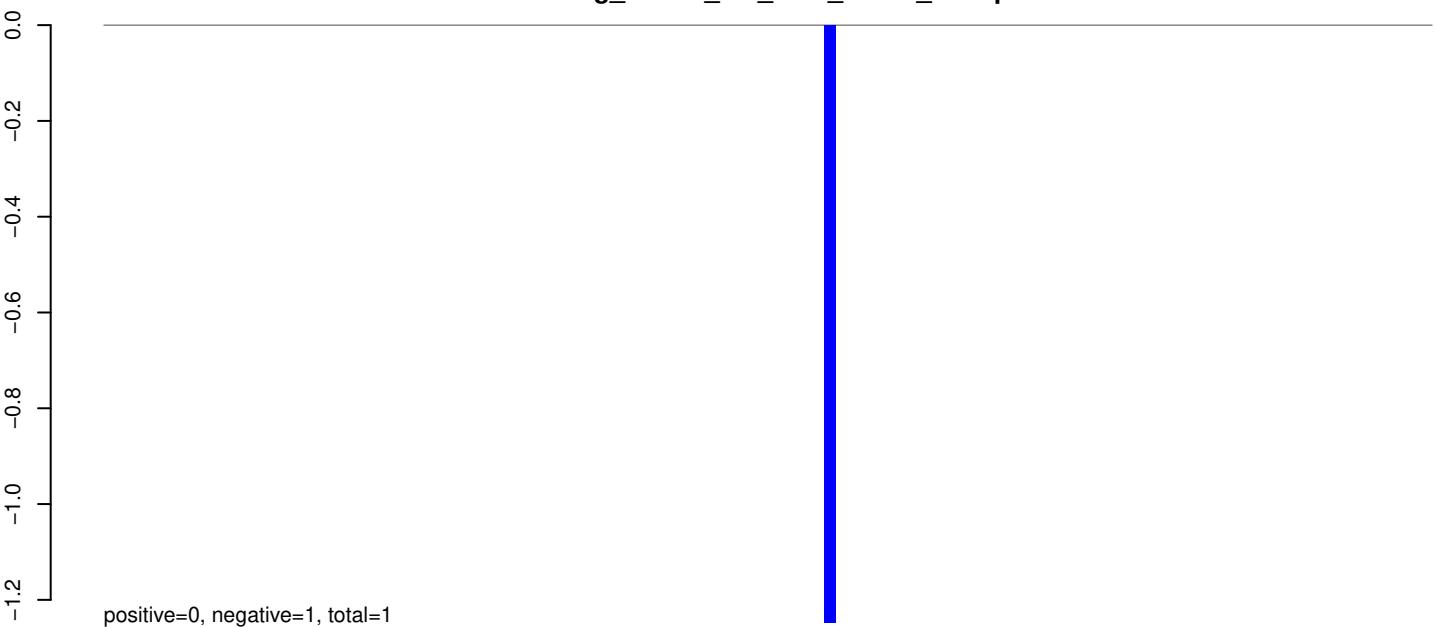
### AeAeg\_Whole\_sm\_r123\_JM.rep



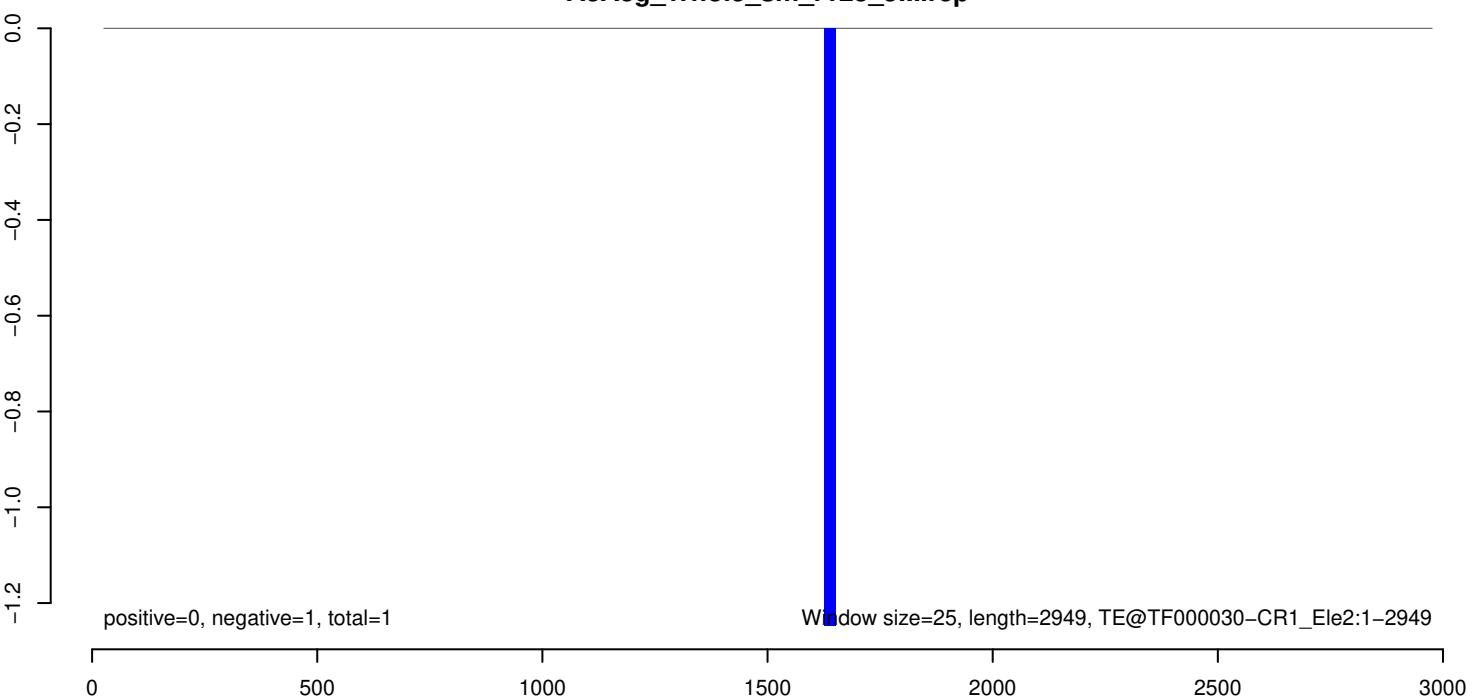
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



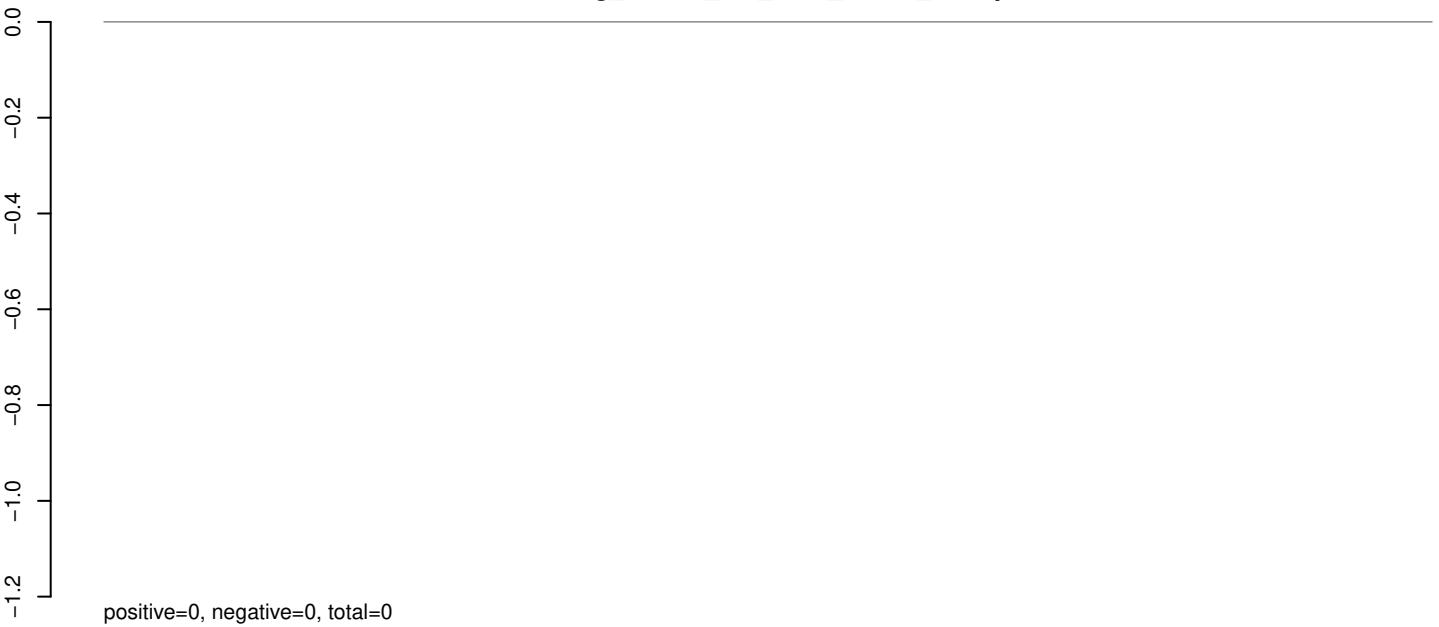
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



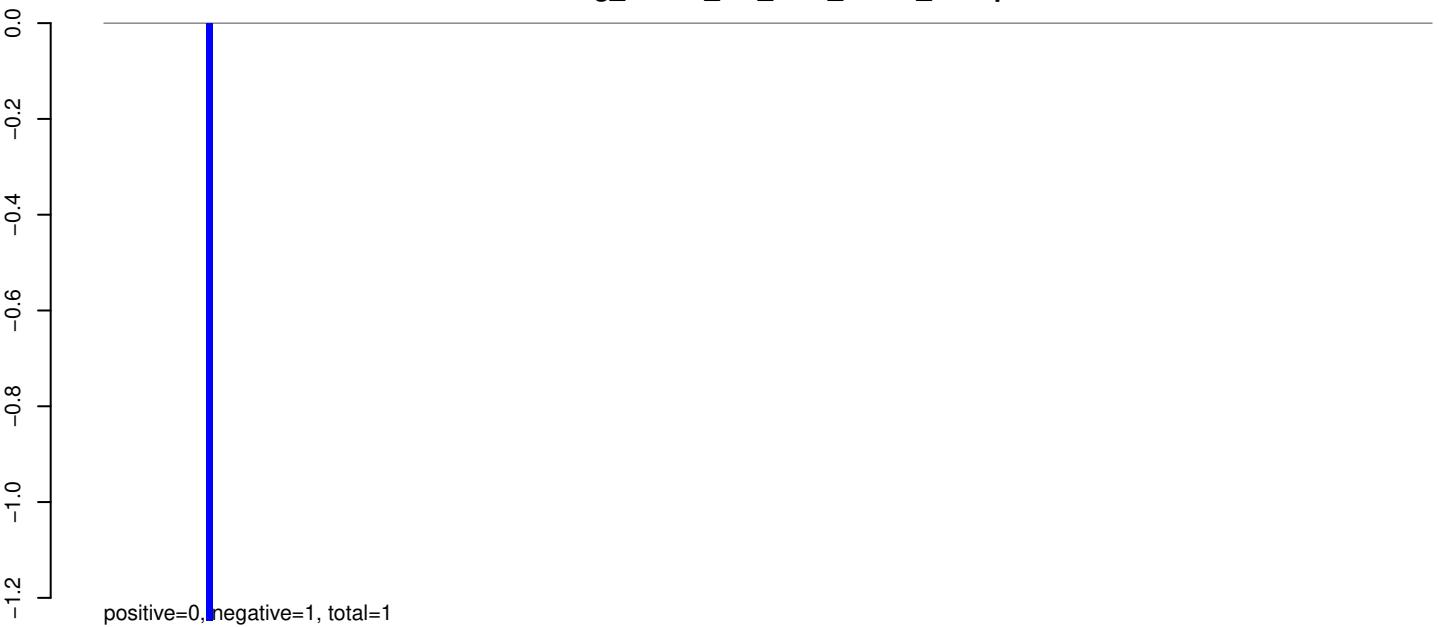
### AeAeg\_Whole\_sm\_r123\_JM.rep



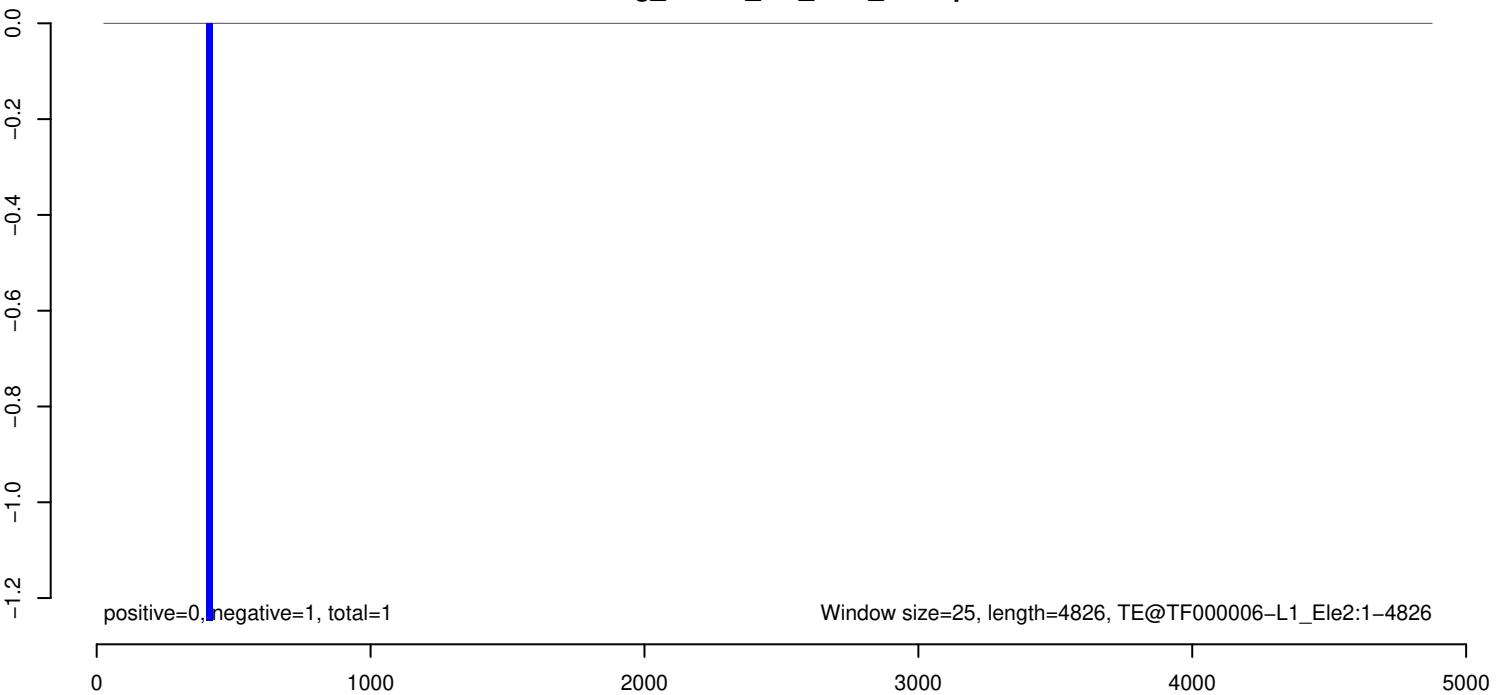
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



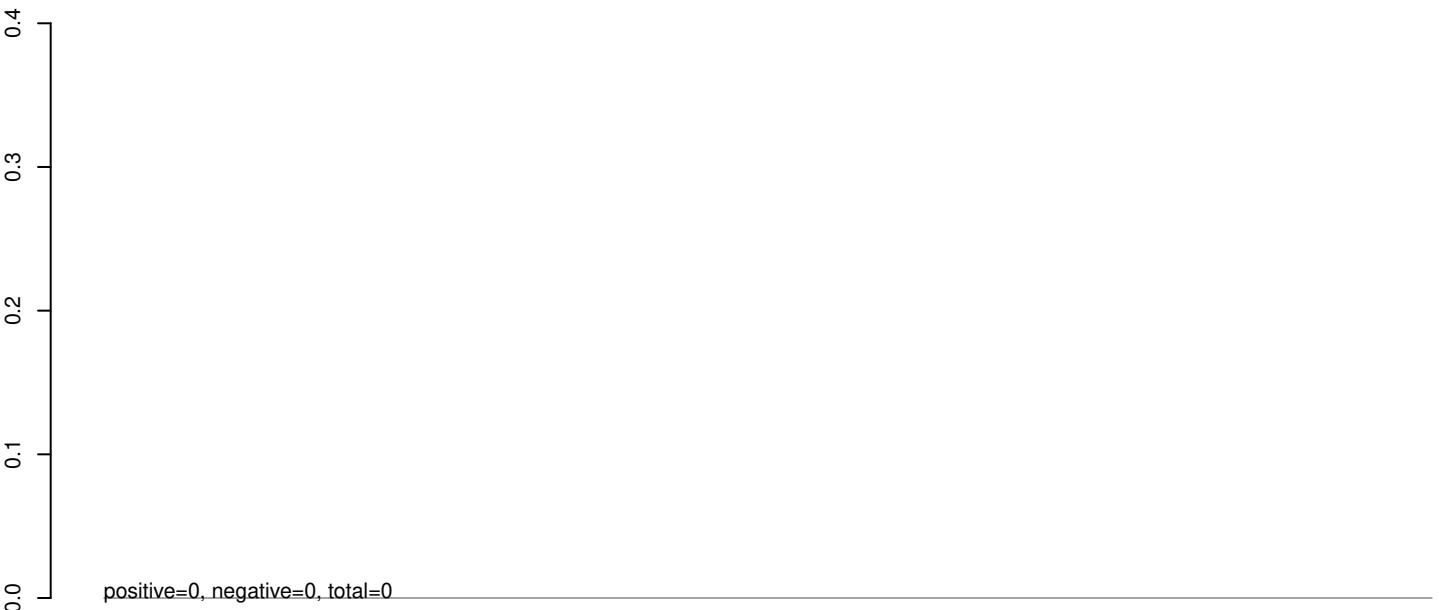
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



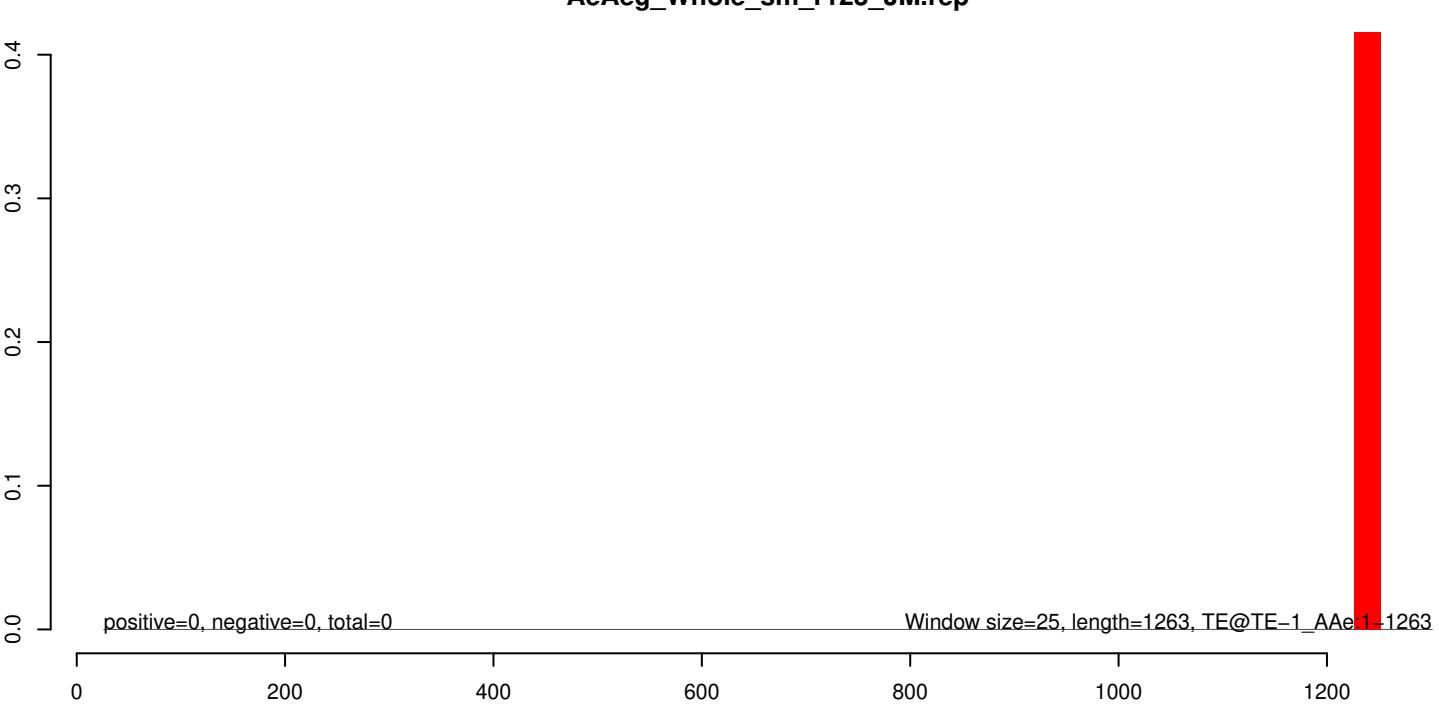
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



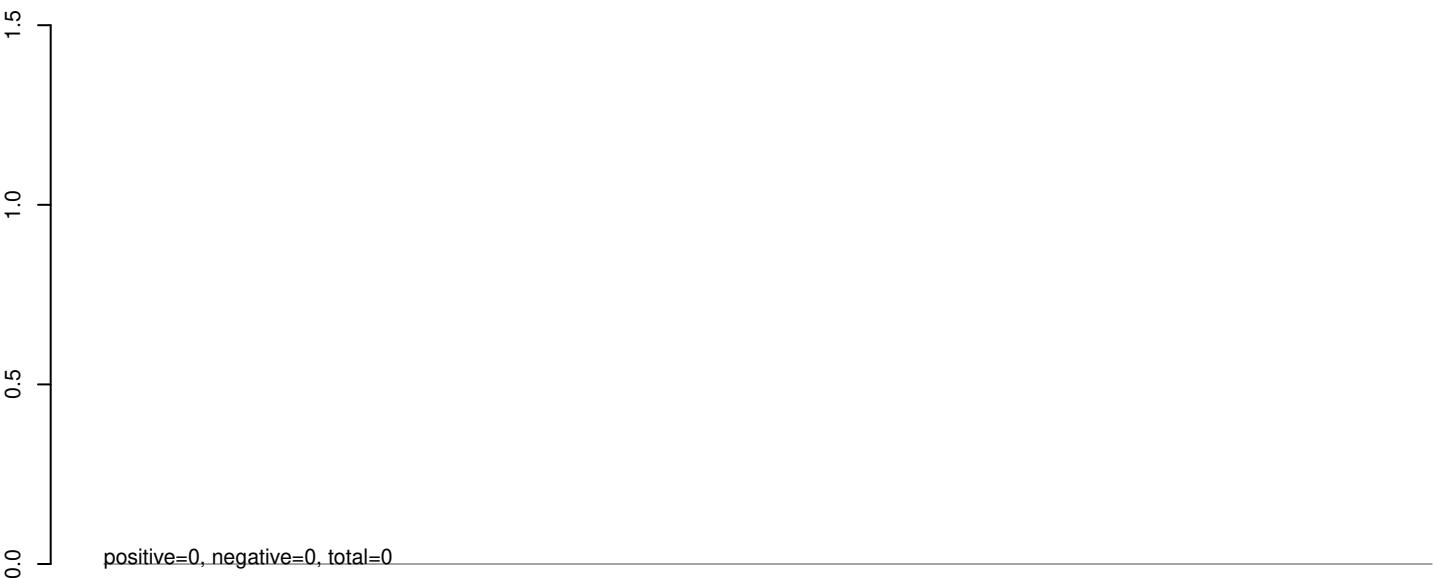
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



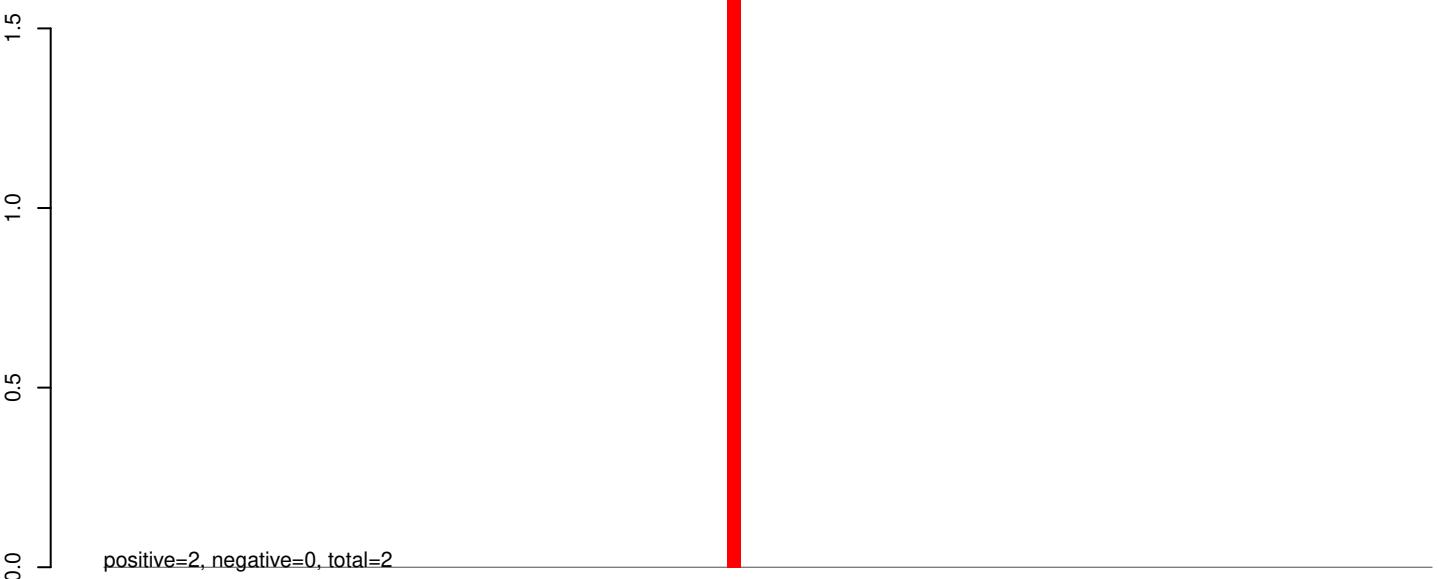
**AeAeg\_Whole\_sm\_r123\_JM.rep**



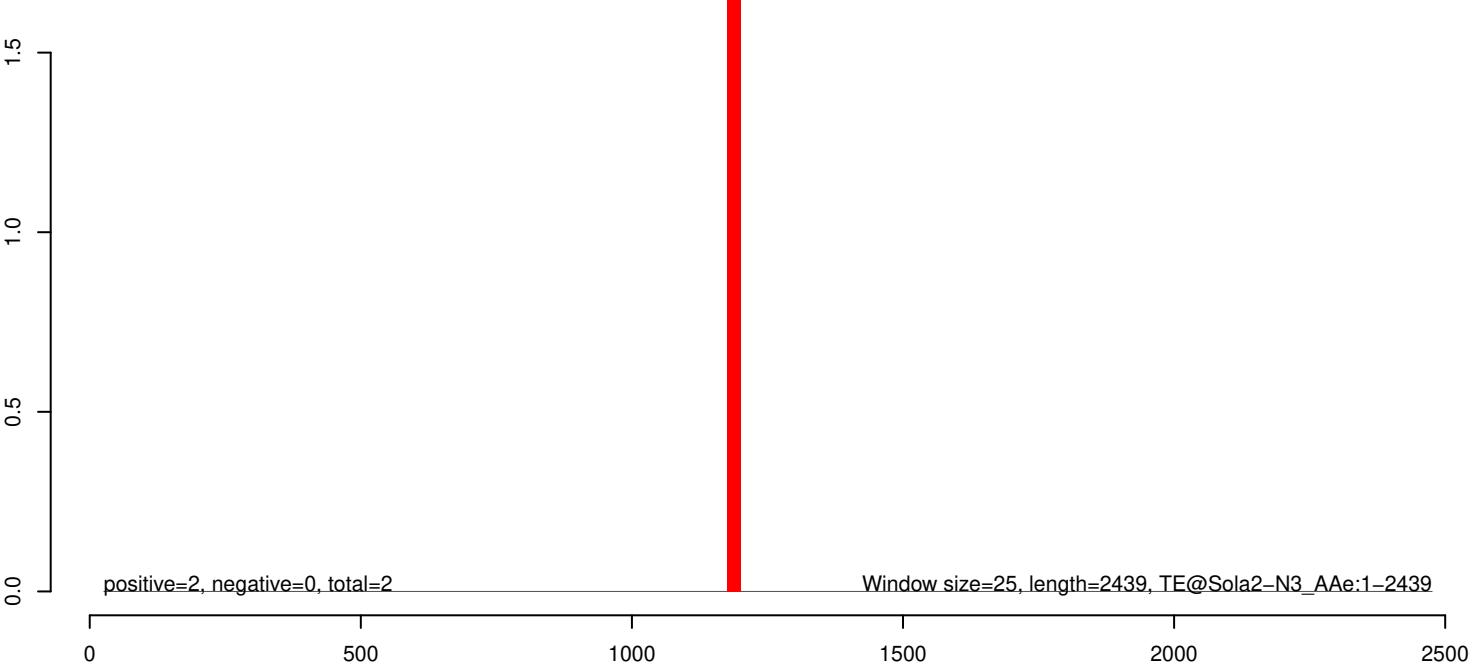
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

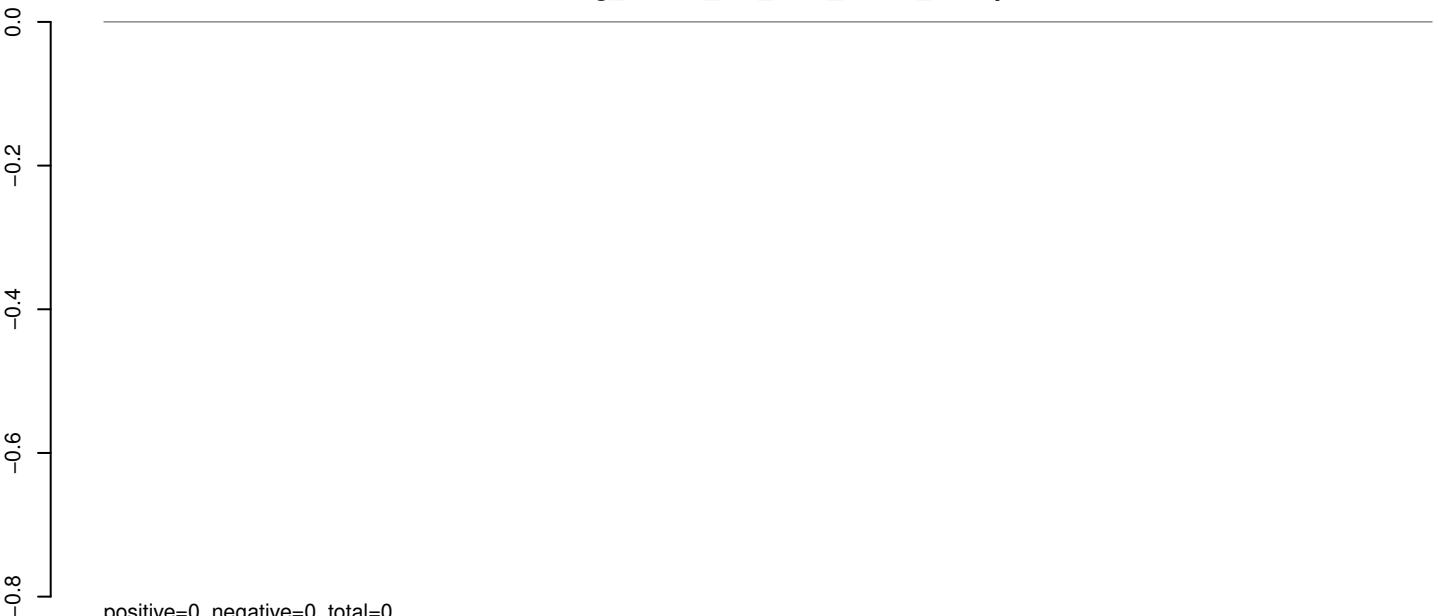
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

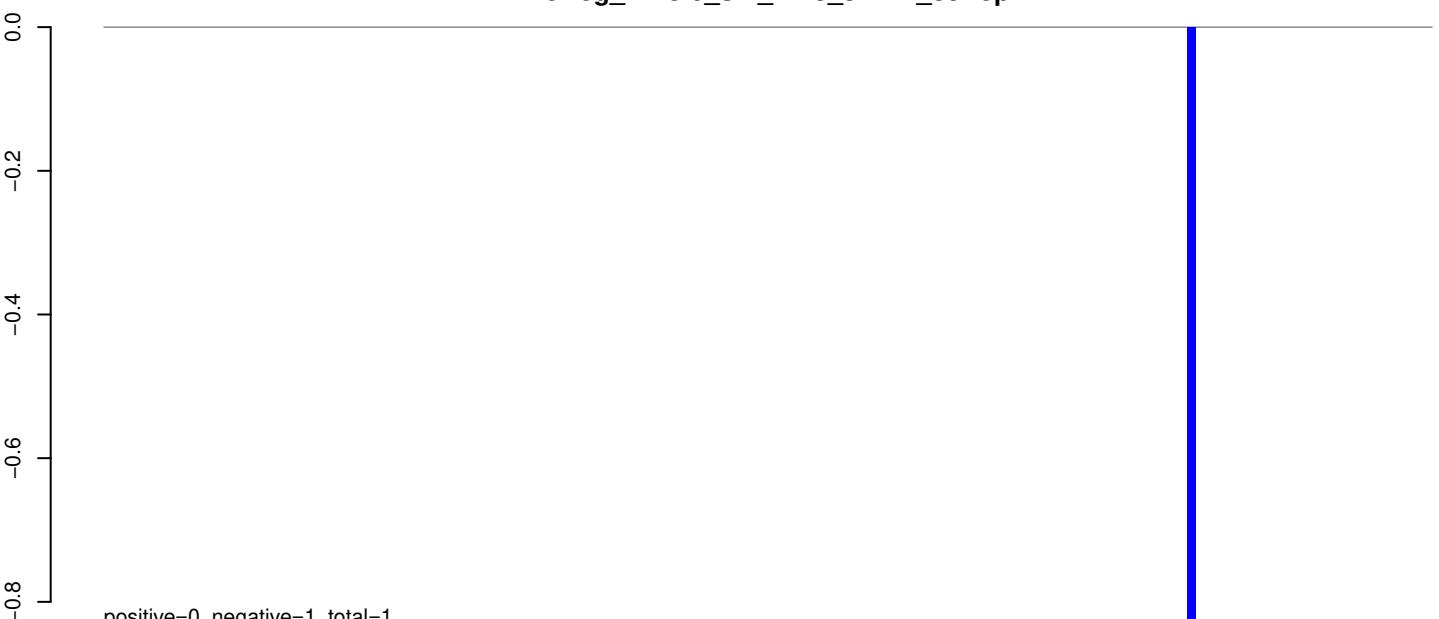
Window size=25, length=2373, TE@Sola2-N2\_AAe:1-2373

0 500 1000 1500 2000

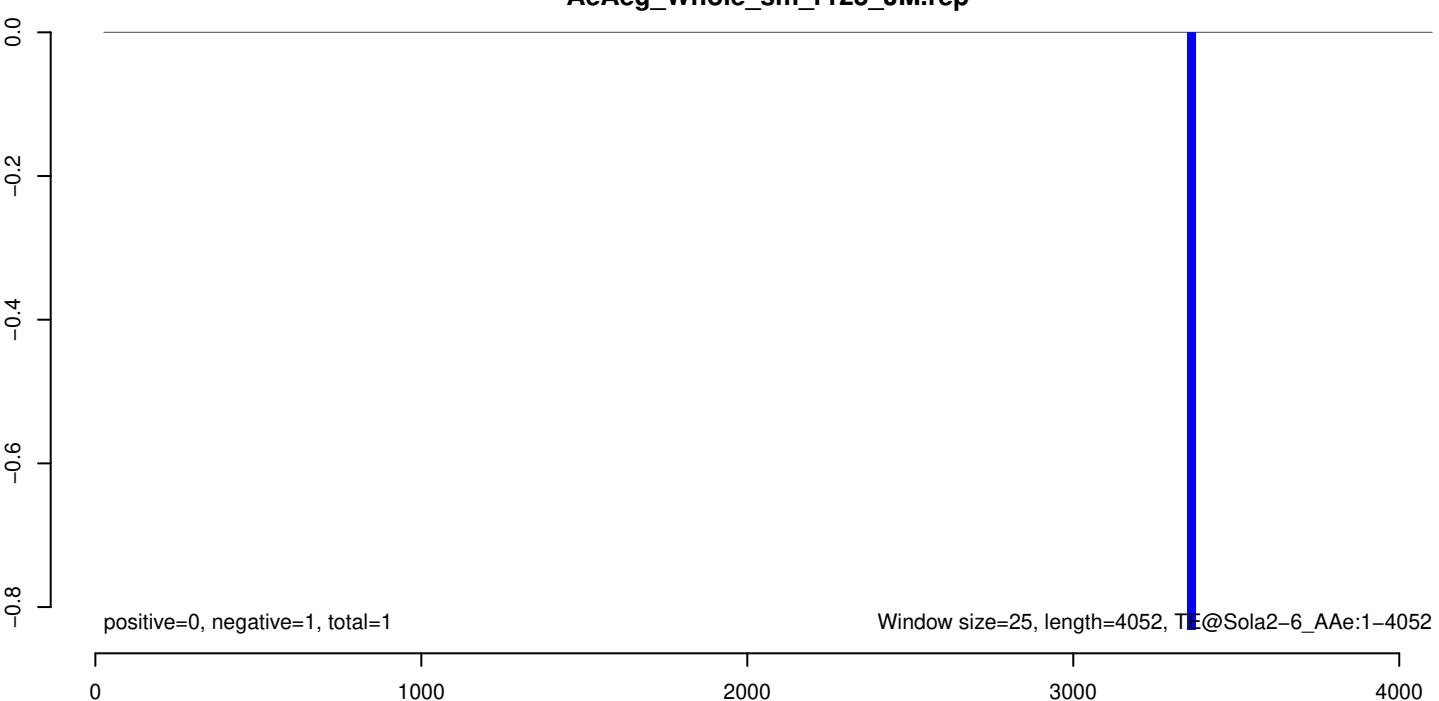
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



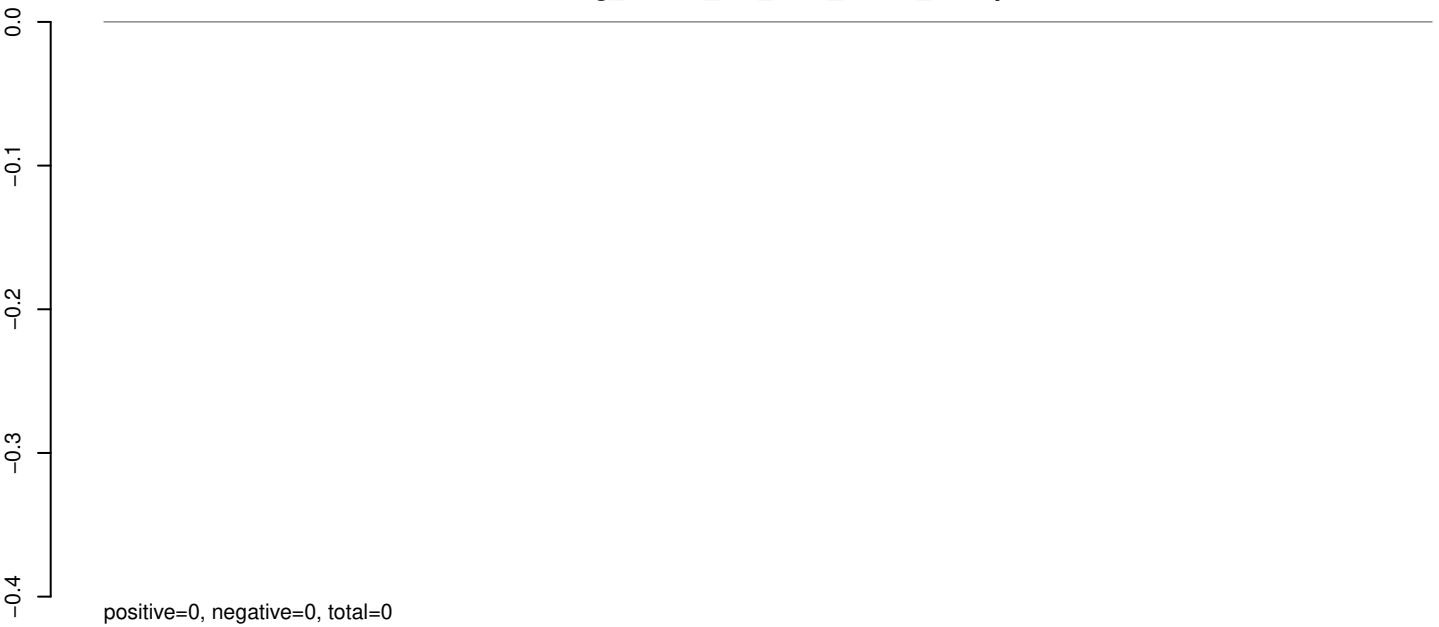
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



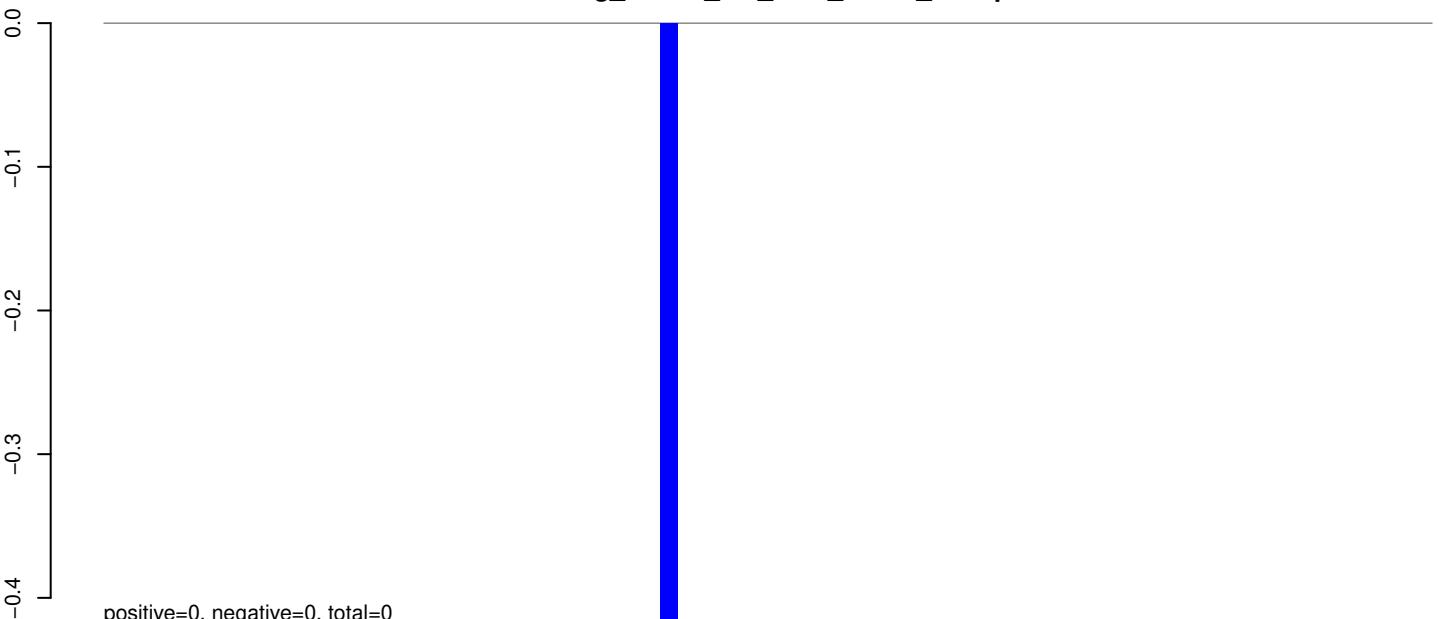
### AeAeg\_Whole\_sm\_r123\_JM.rep



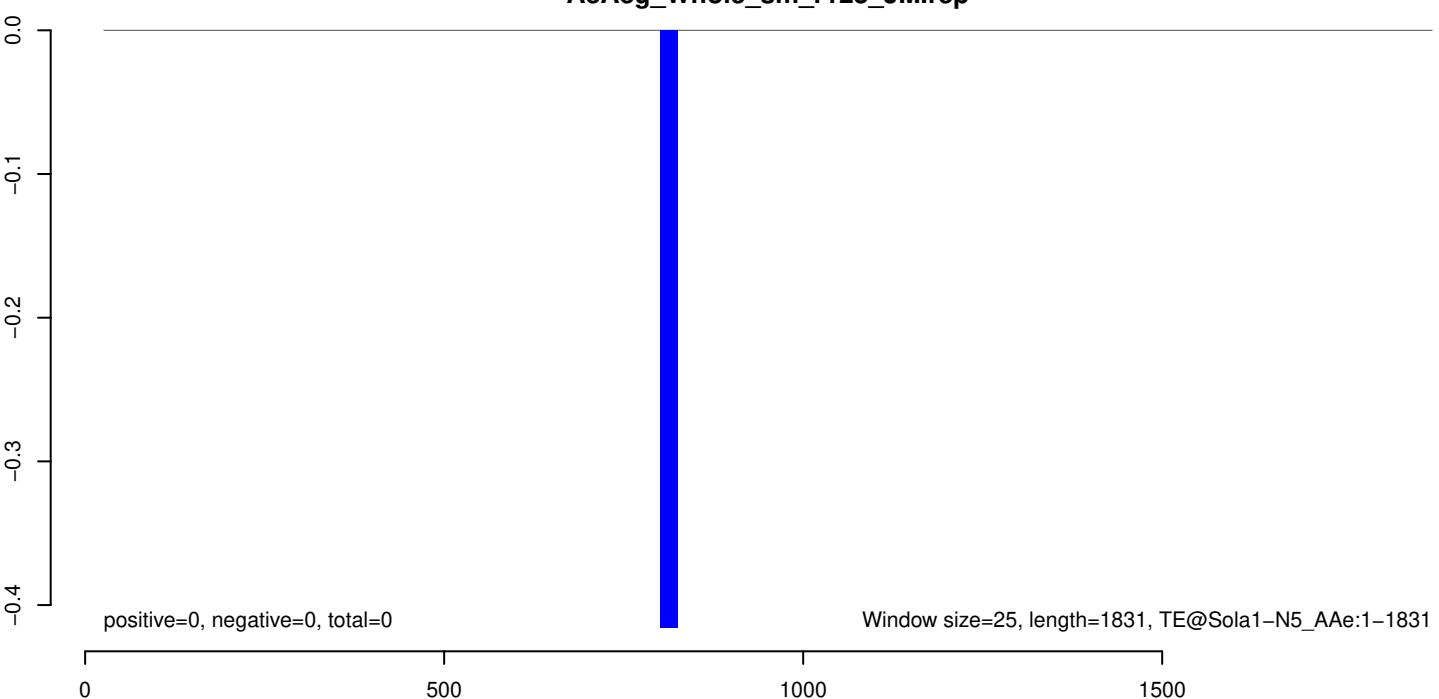
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



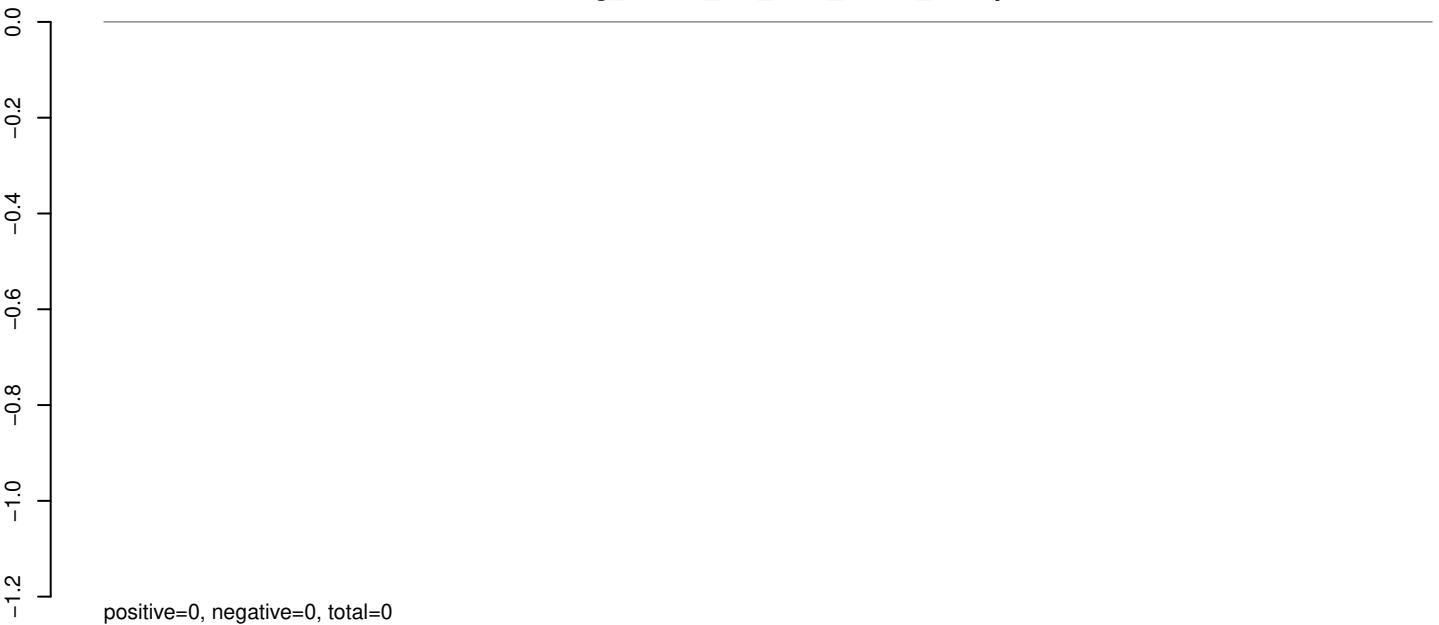
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



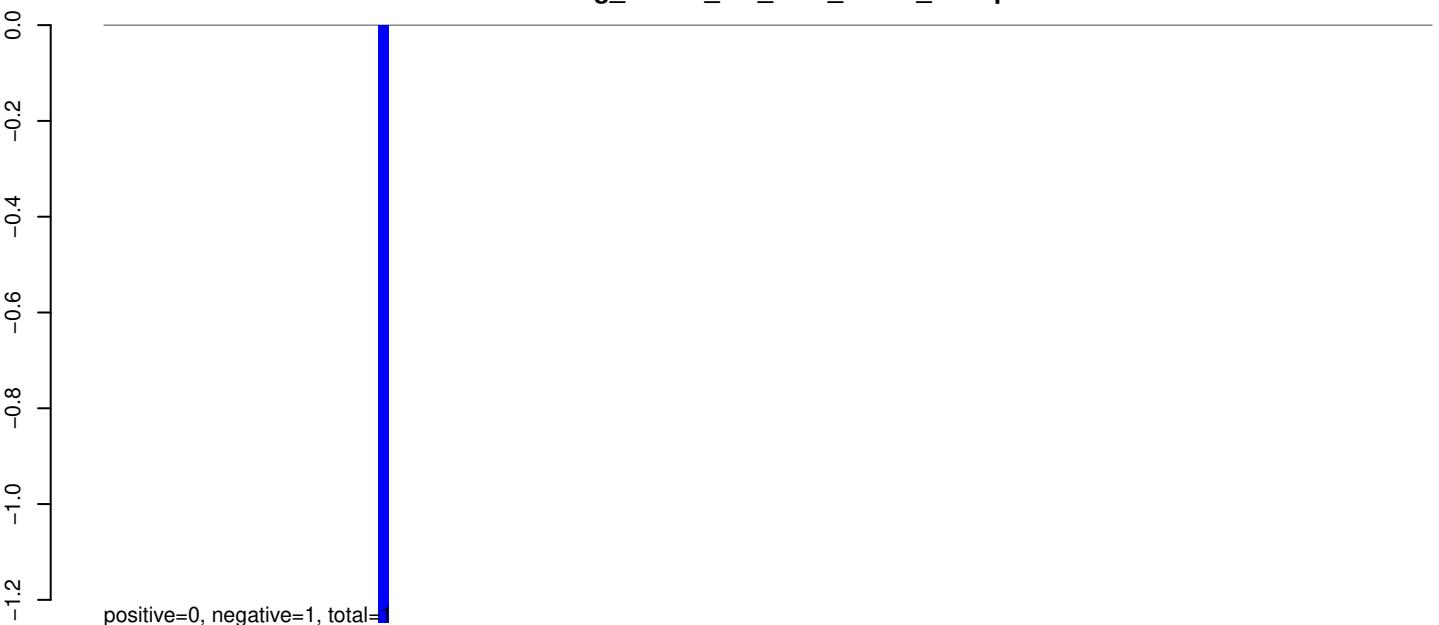
### AeAeg\_Whole\_sm\_r123\_JM.rep



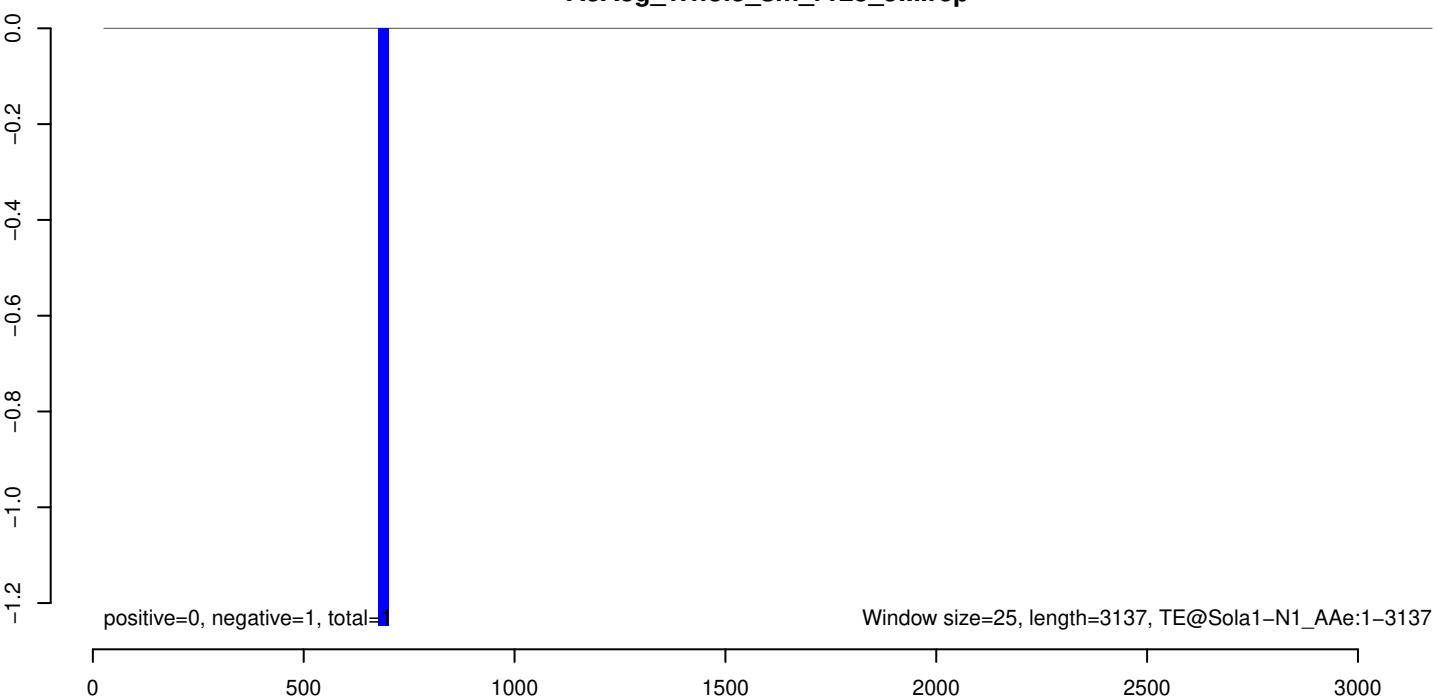
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



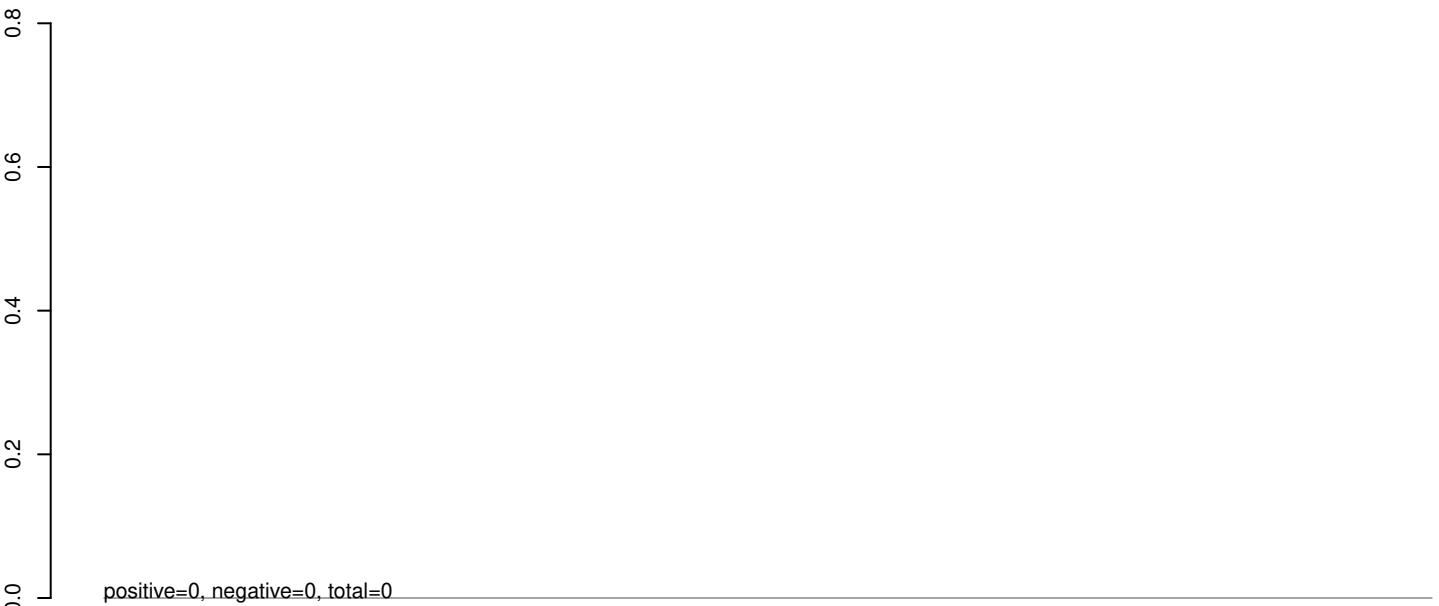
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



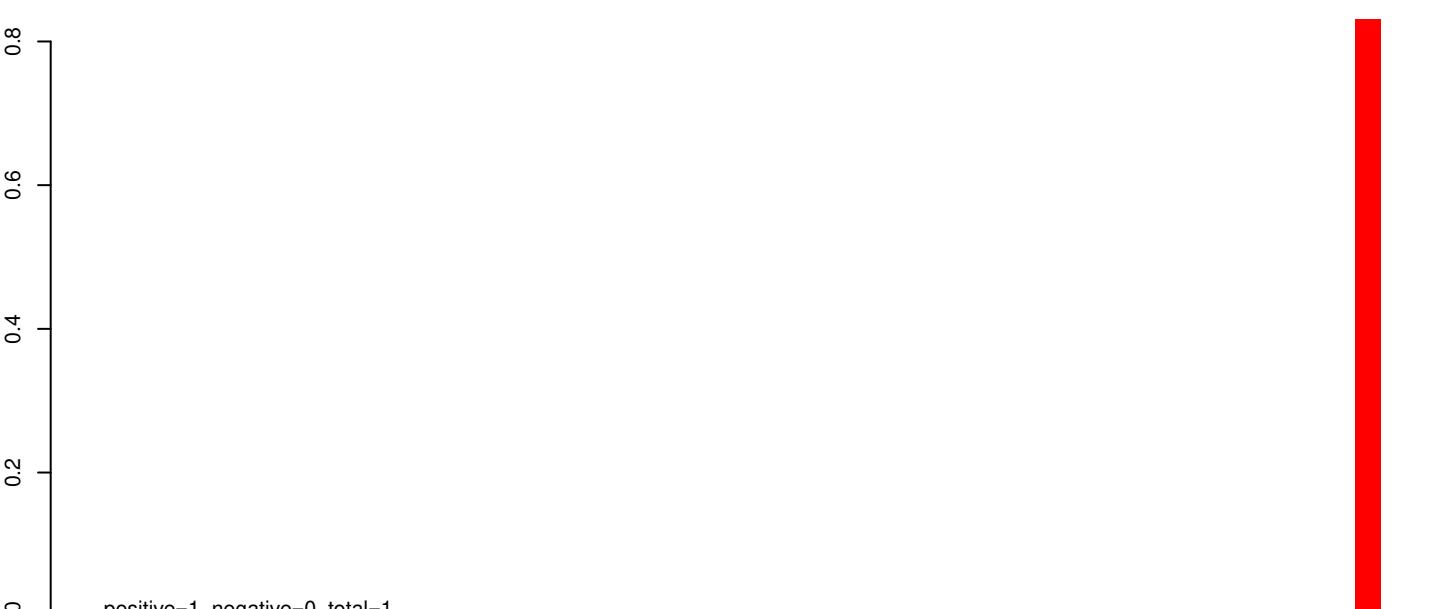
### AeAeg\_Whole\_sm\_r123\_JM.rep



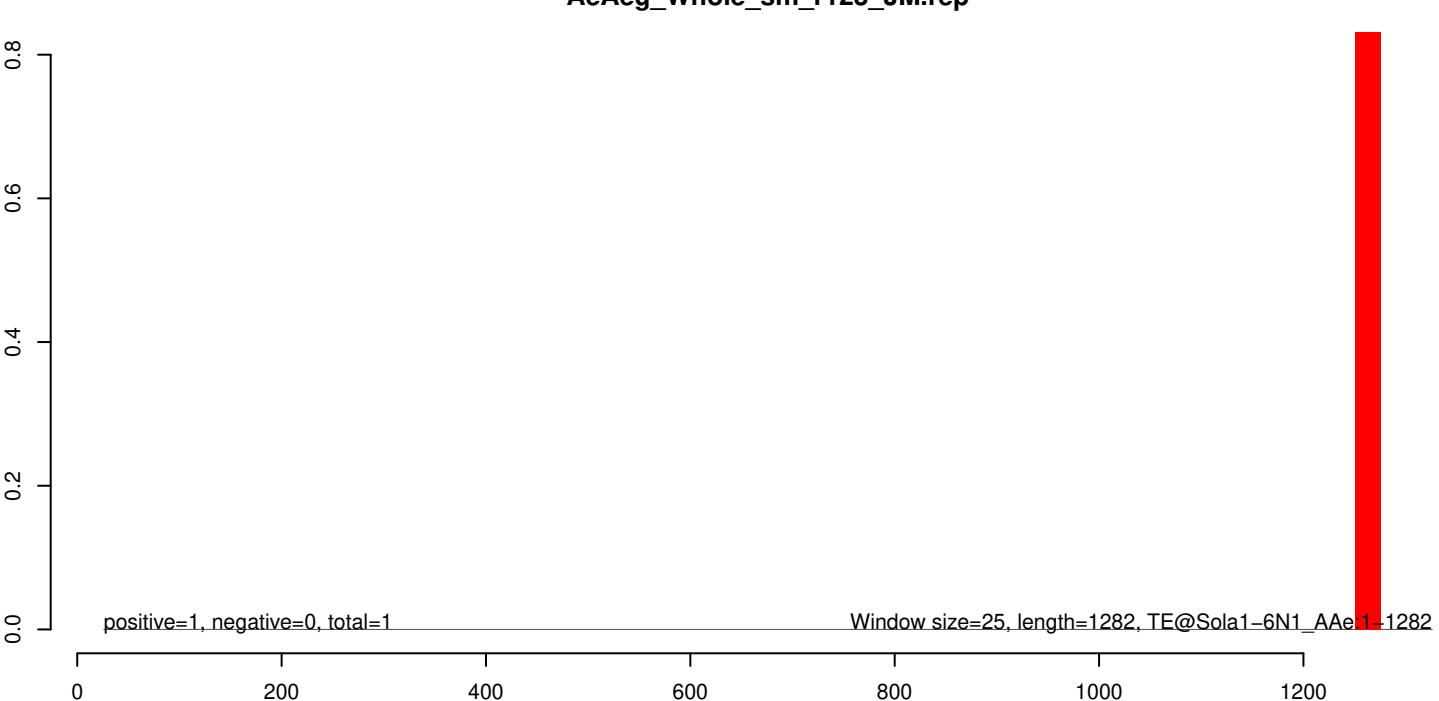
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



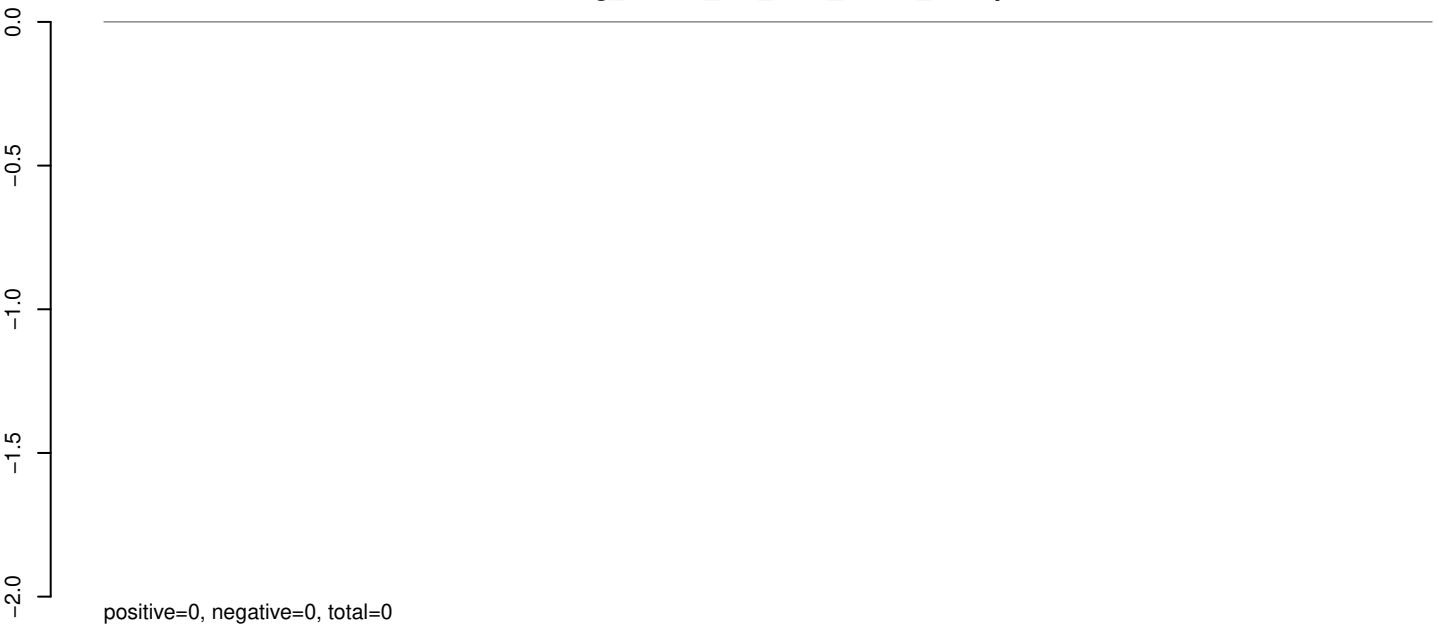
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



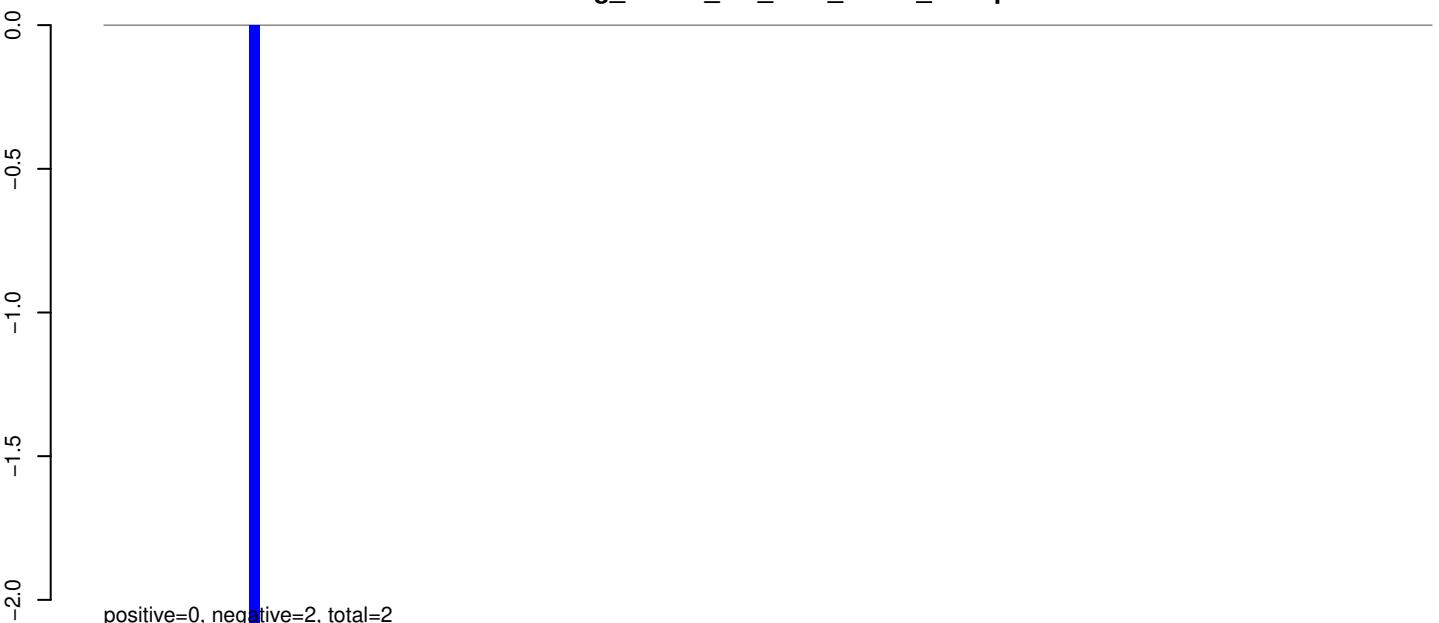
**AeAeg\_Whole\_sm\_r123\_JM.rep**



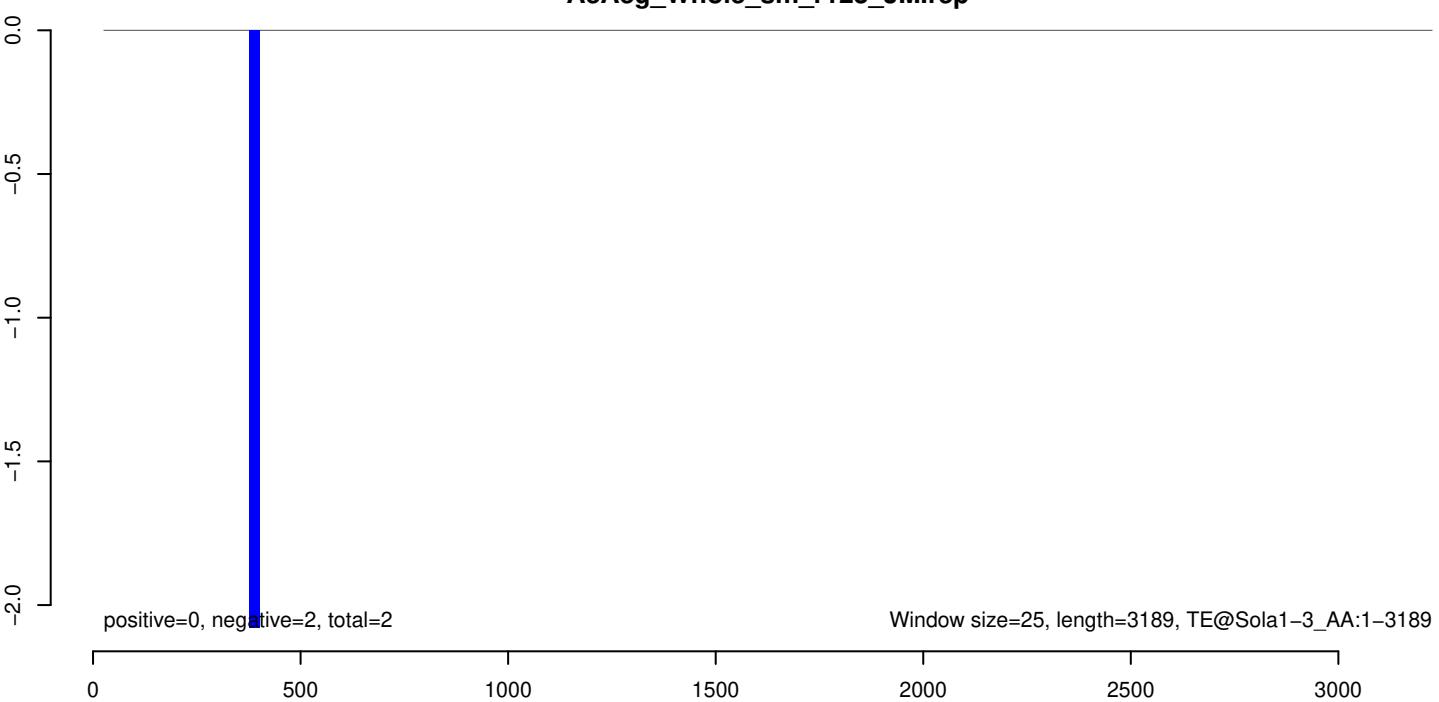
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



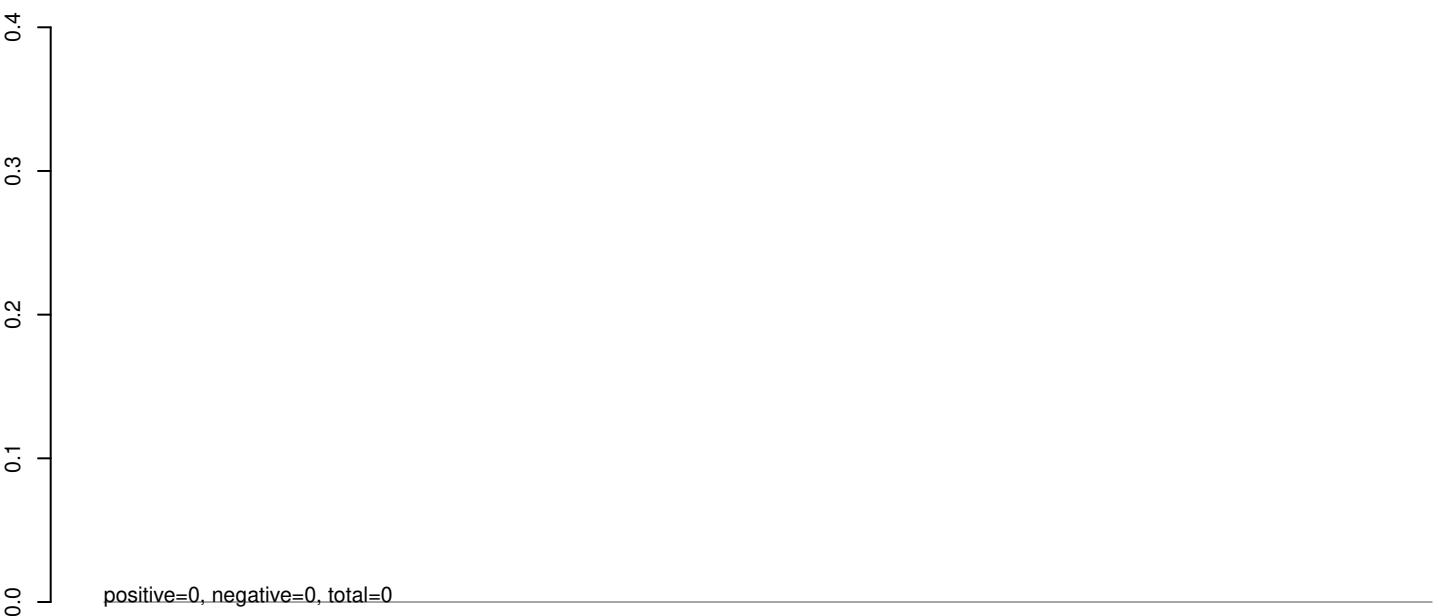
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



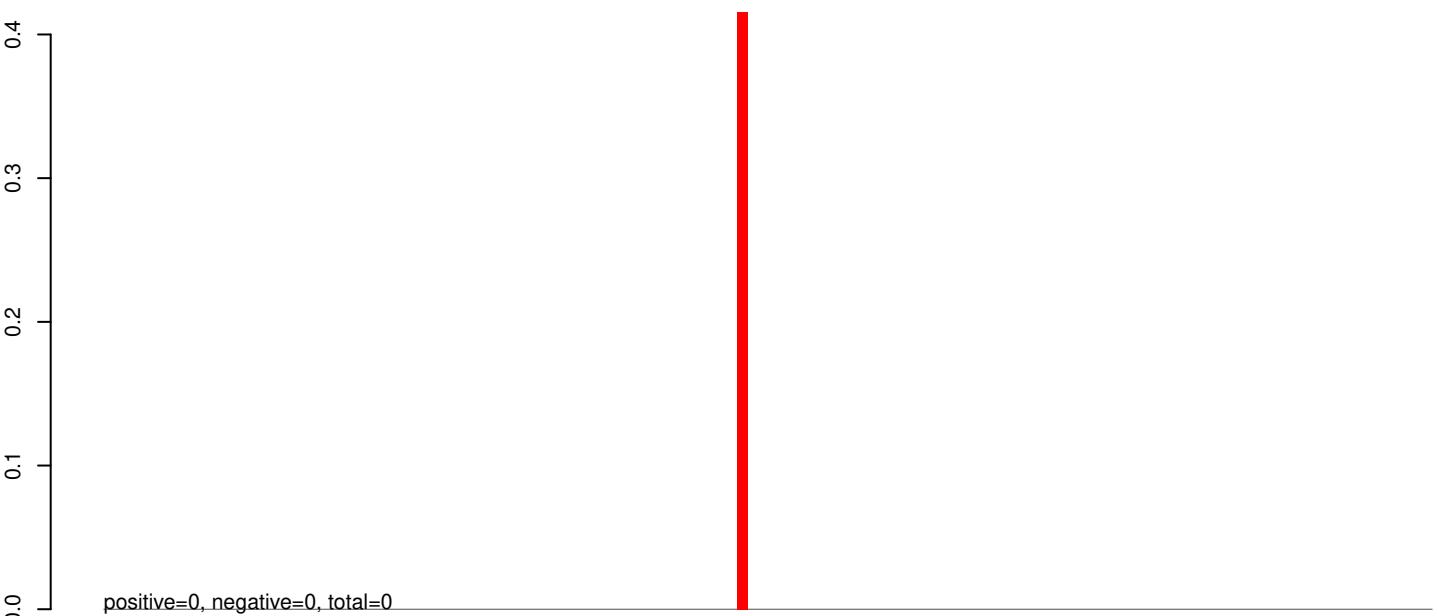
### AeAeg\_Whole\_sm\_r123\_JM.rep



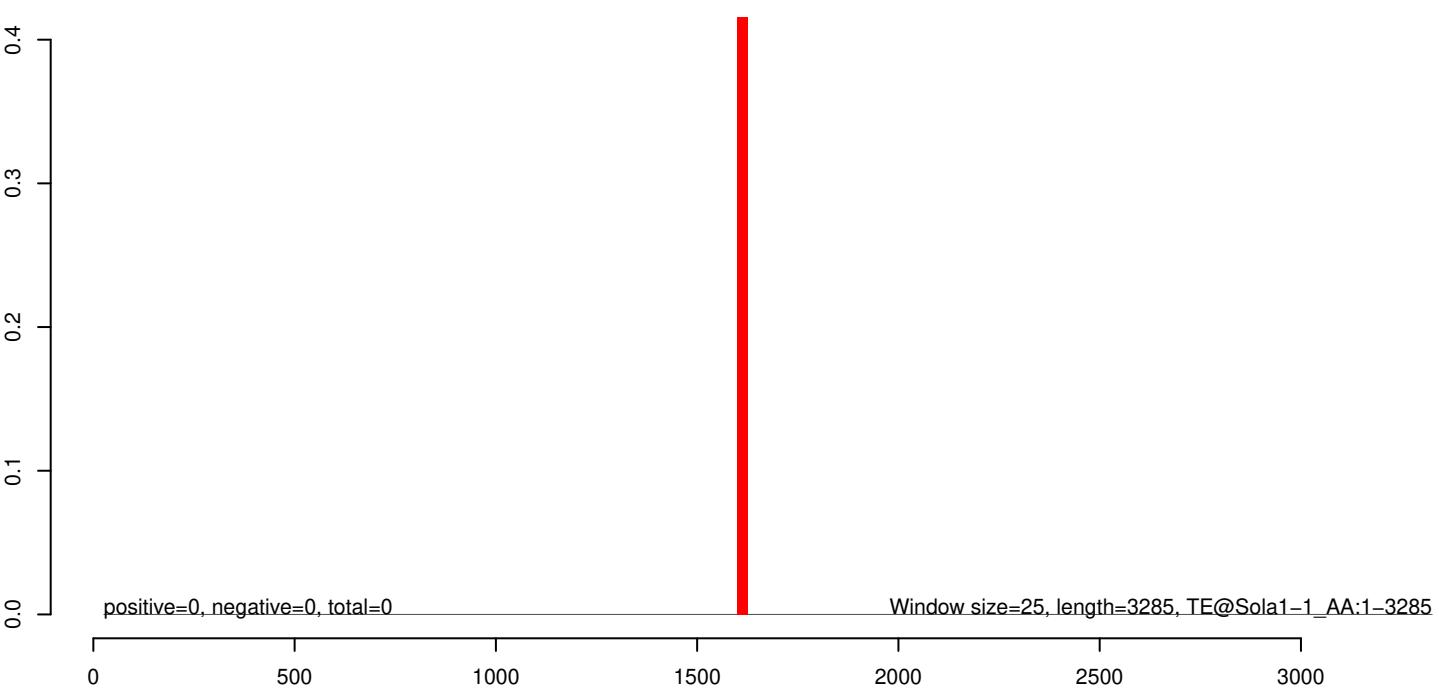
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



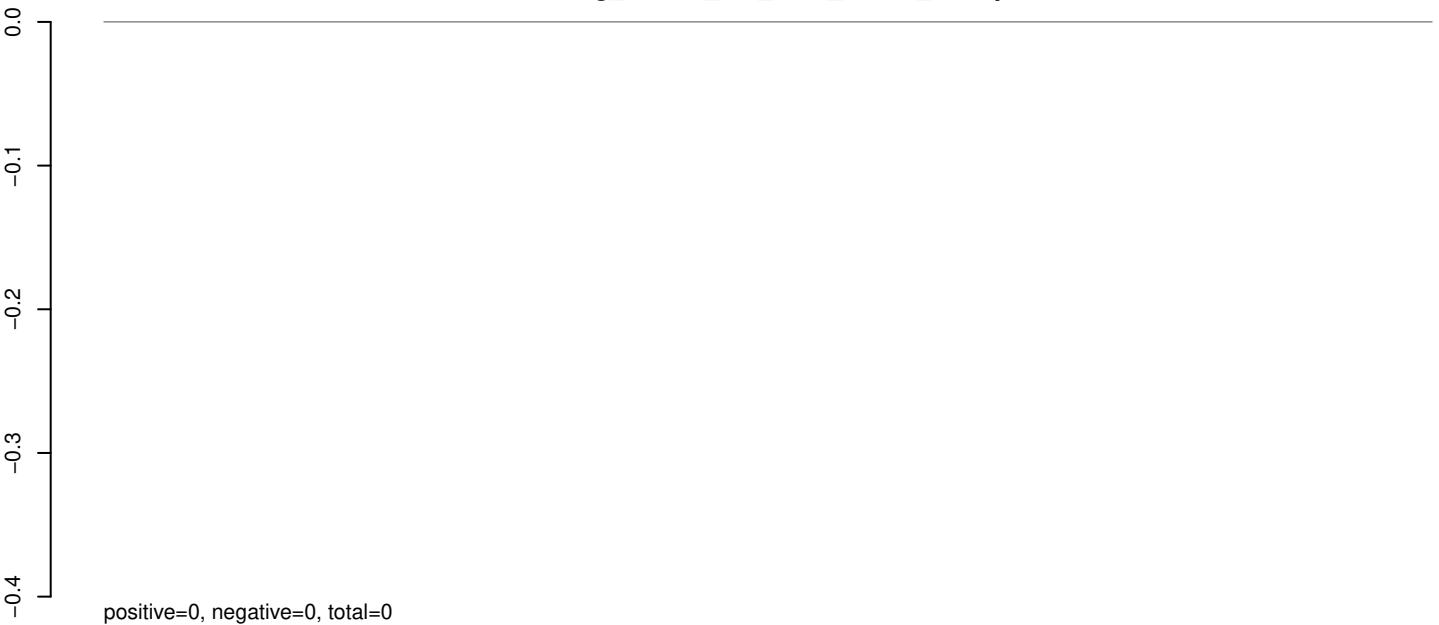
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



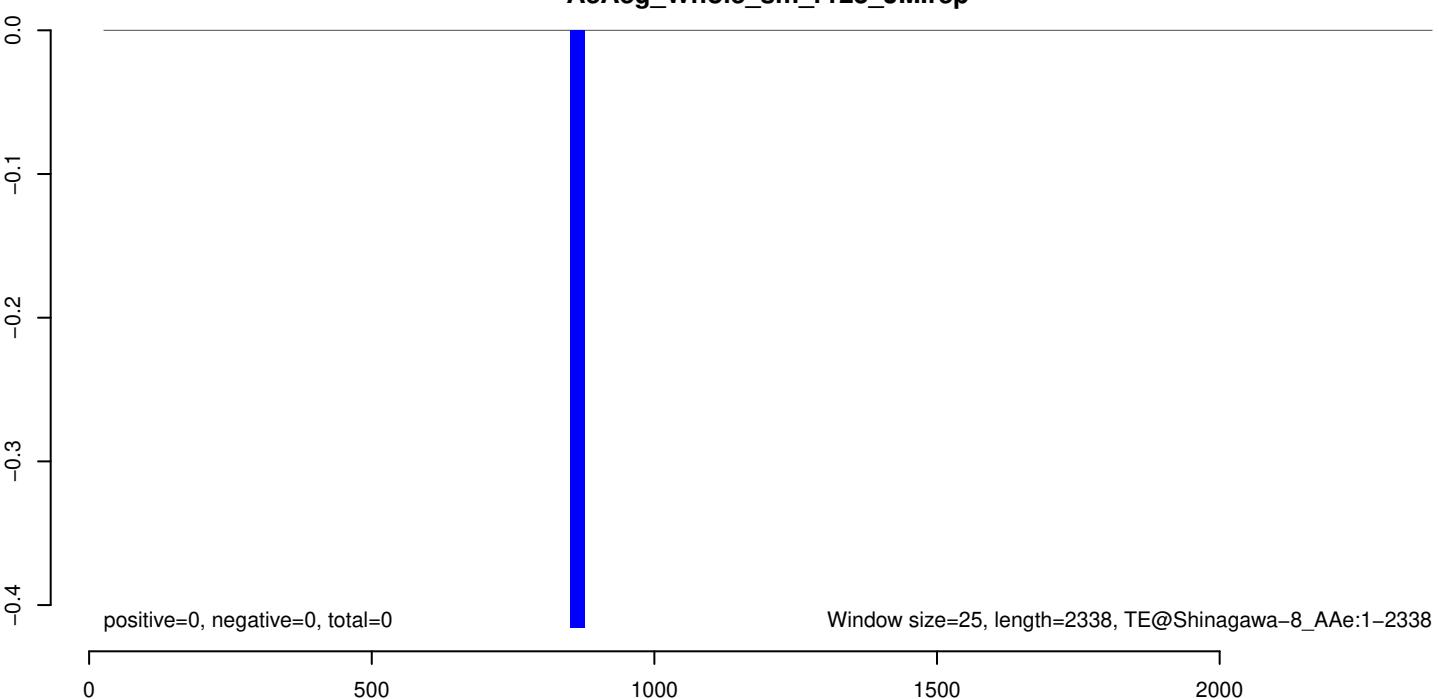
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



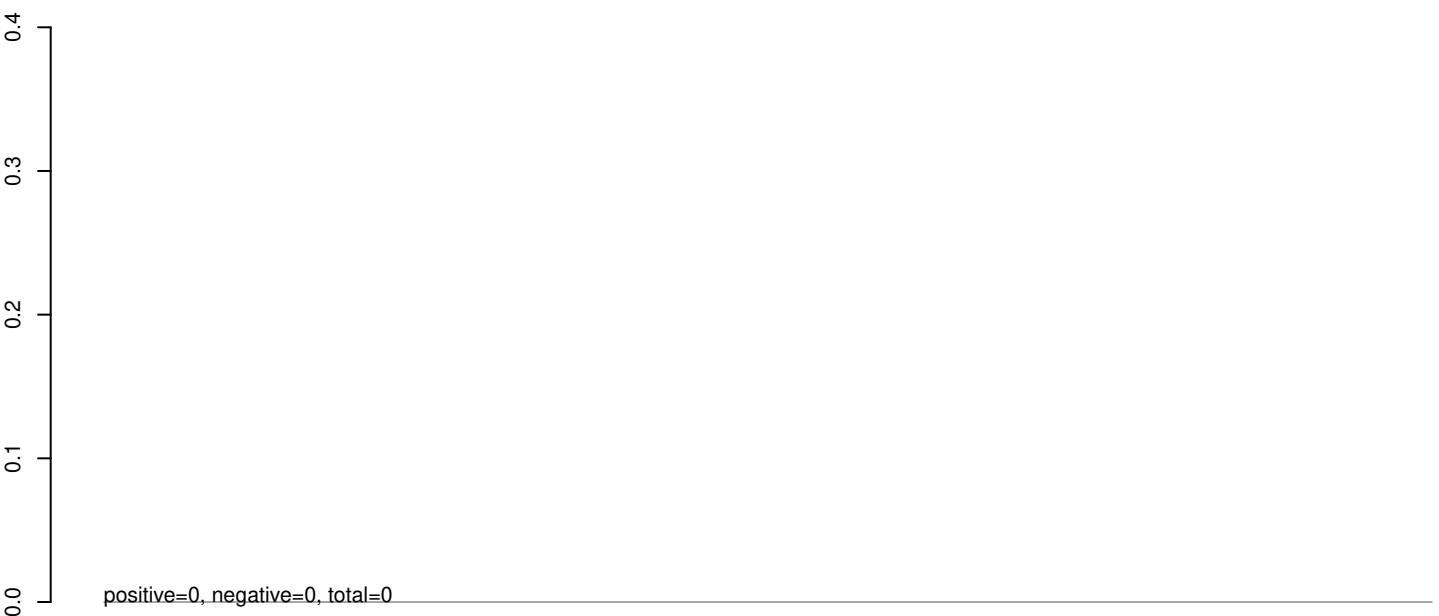
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



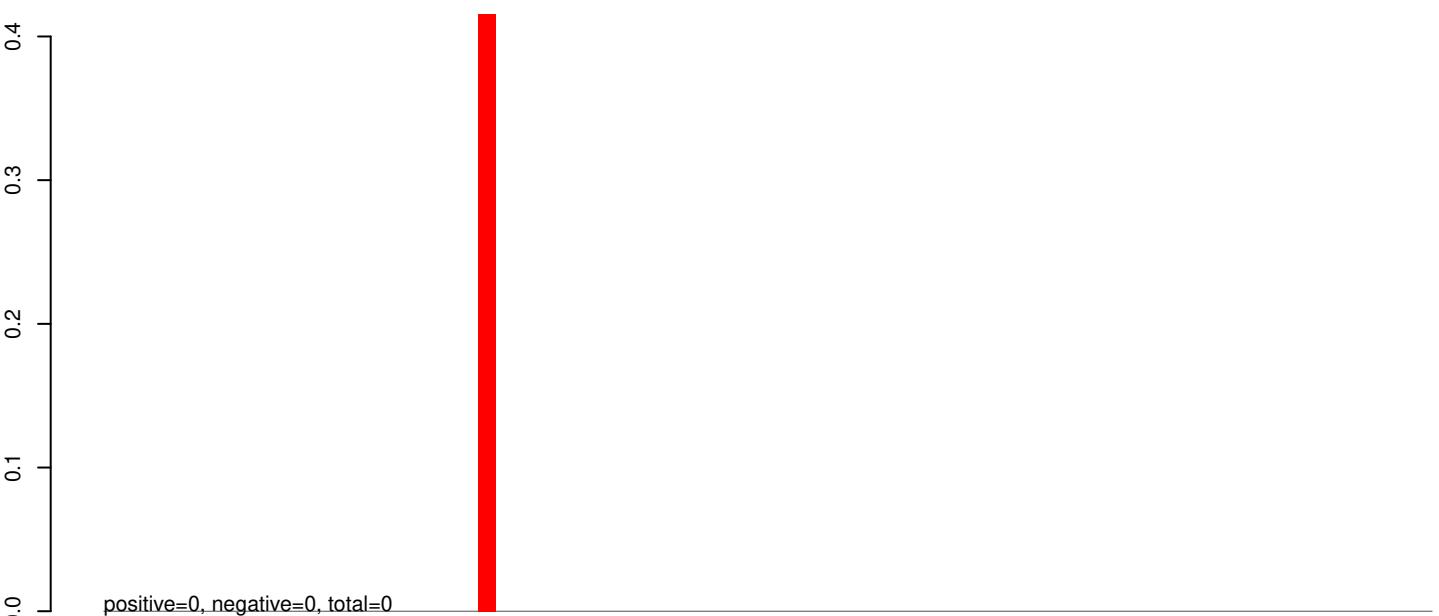
### AeAeg\_Whole\_sm\_r123\_JM.rep



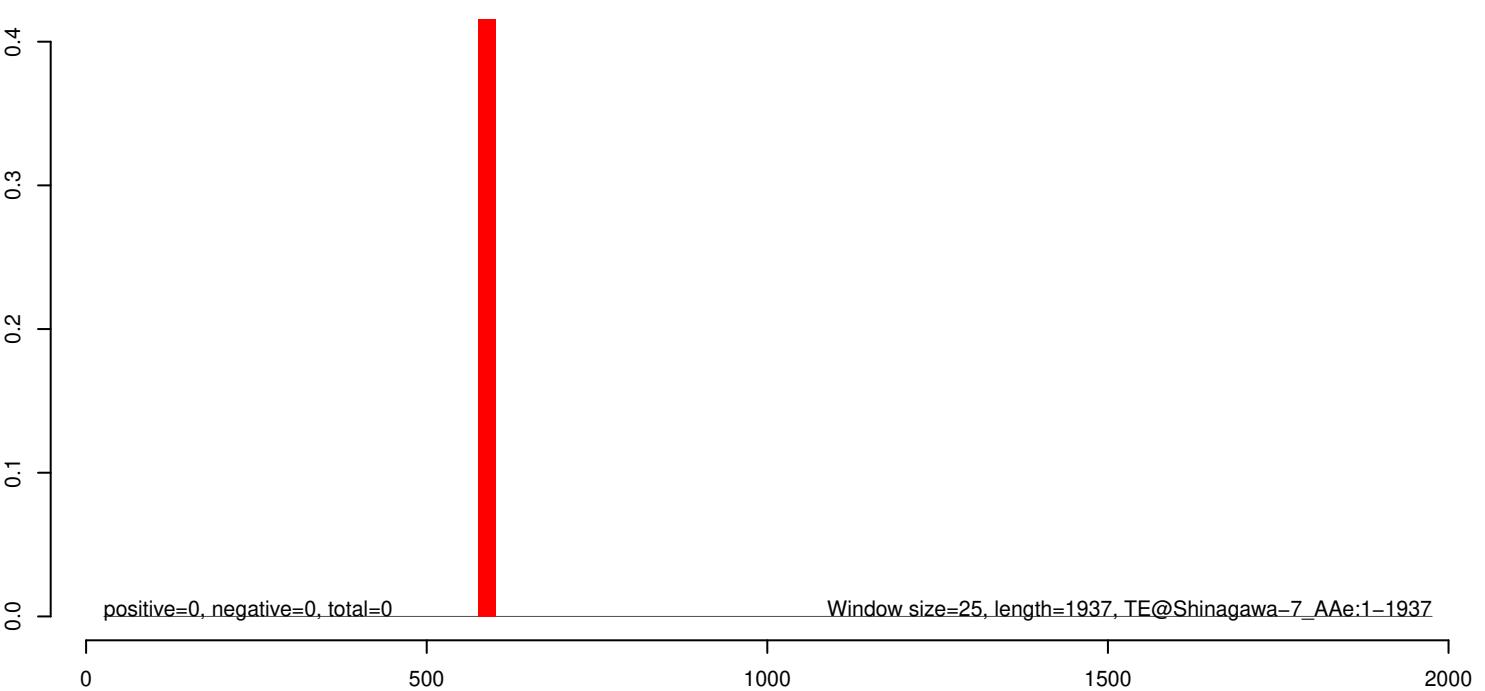
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



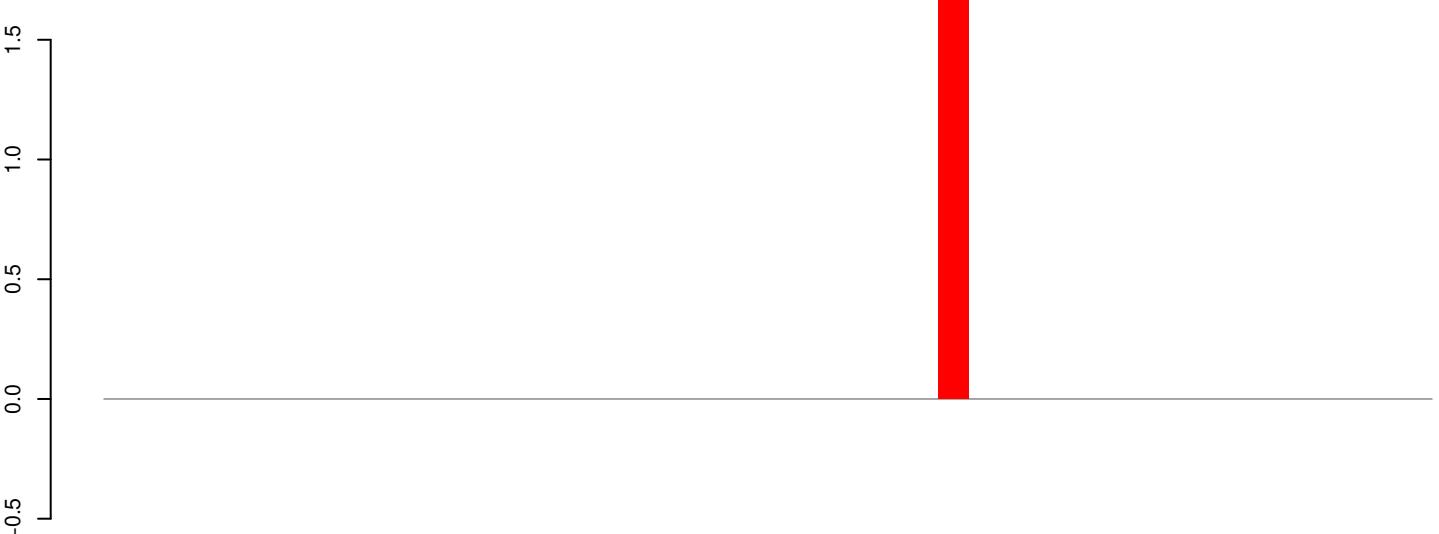
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



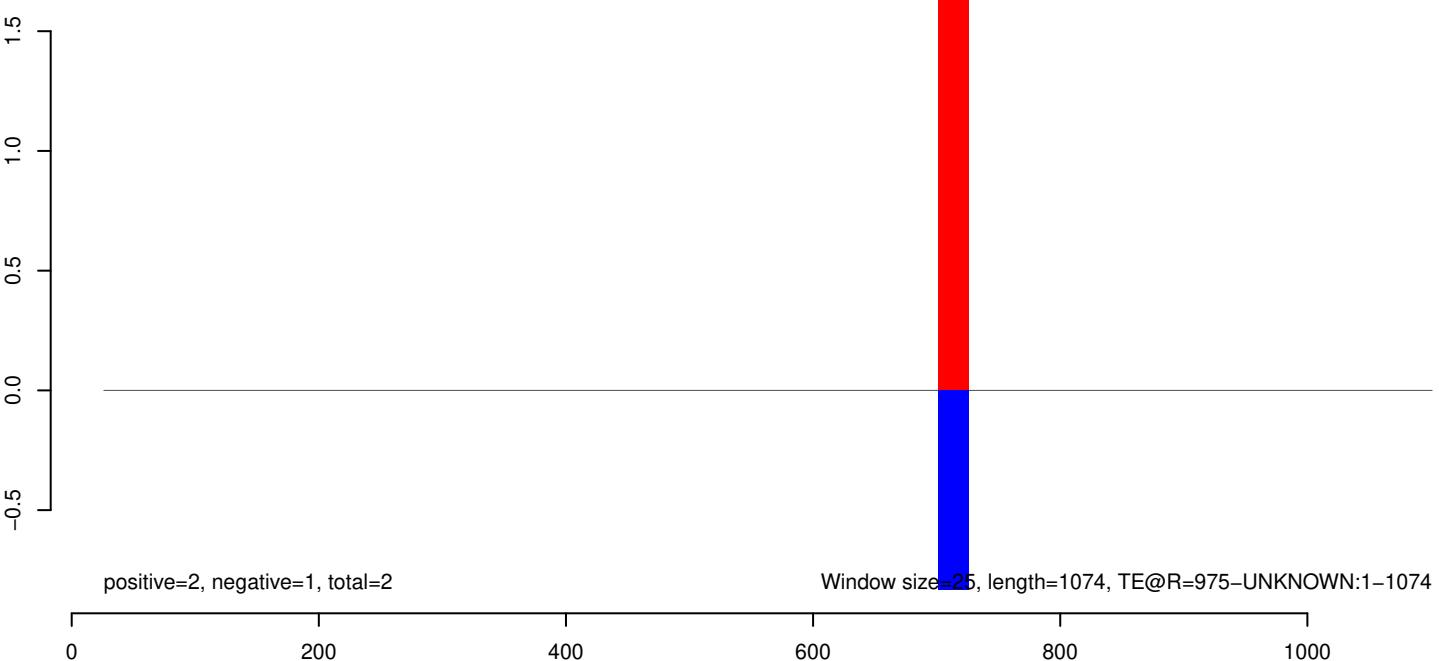
positive=2, negative=0, total=2

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.rep



positive=2, negative=1, total=2

Window size=25, length=1074, TE@R=975–UNKNOWN:1–1074

### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=1, negative=0, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0



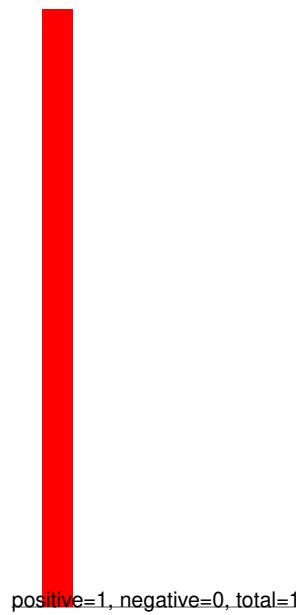
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=1, negative=0, total=1

Window size=25, length=1288, TE@R=955-UNKNOWN:1-1288



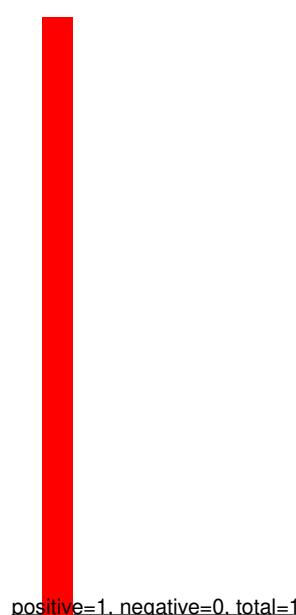
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

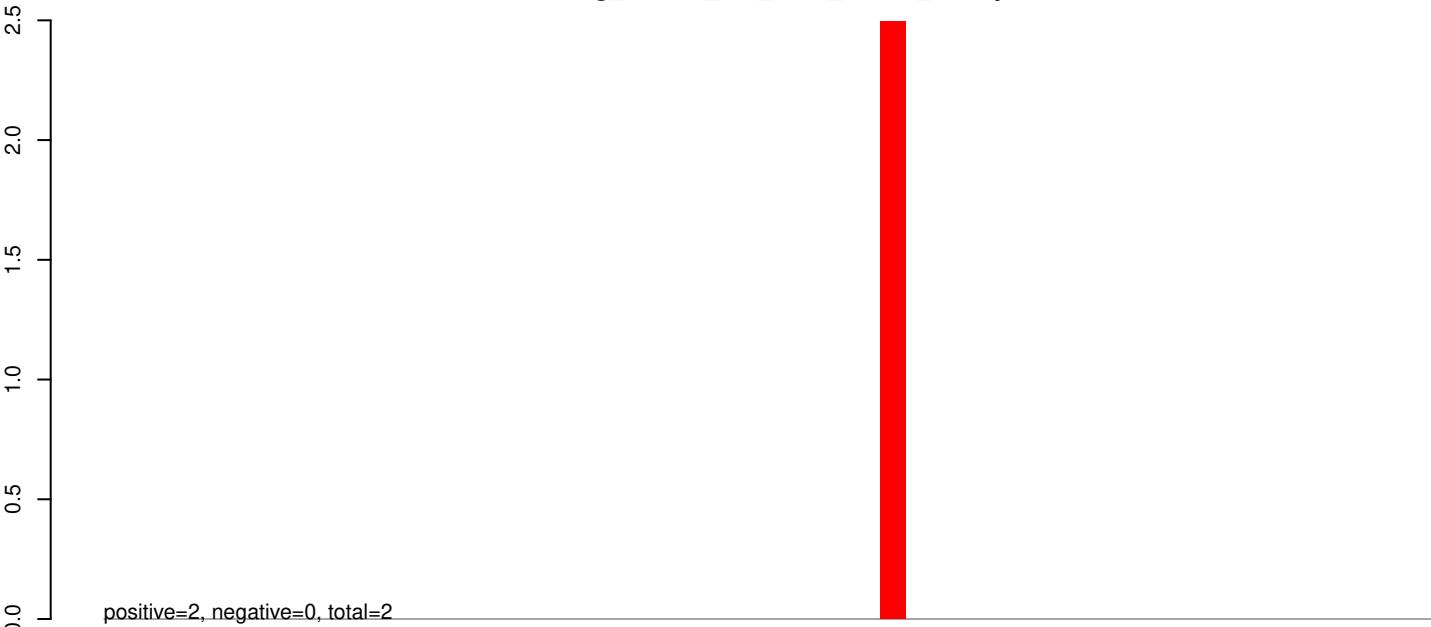


### AeAeg\_Whole\_sm\_r123\_JM.rep

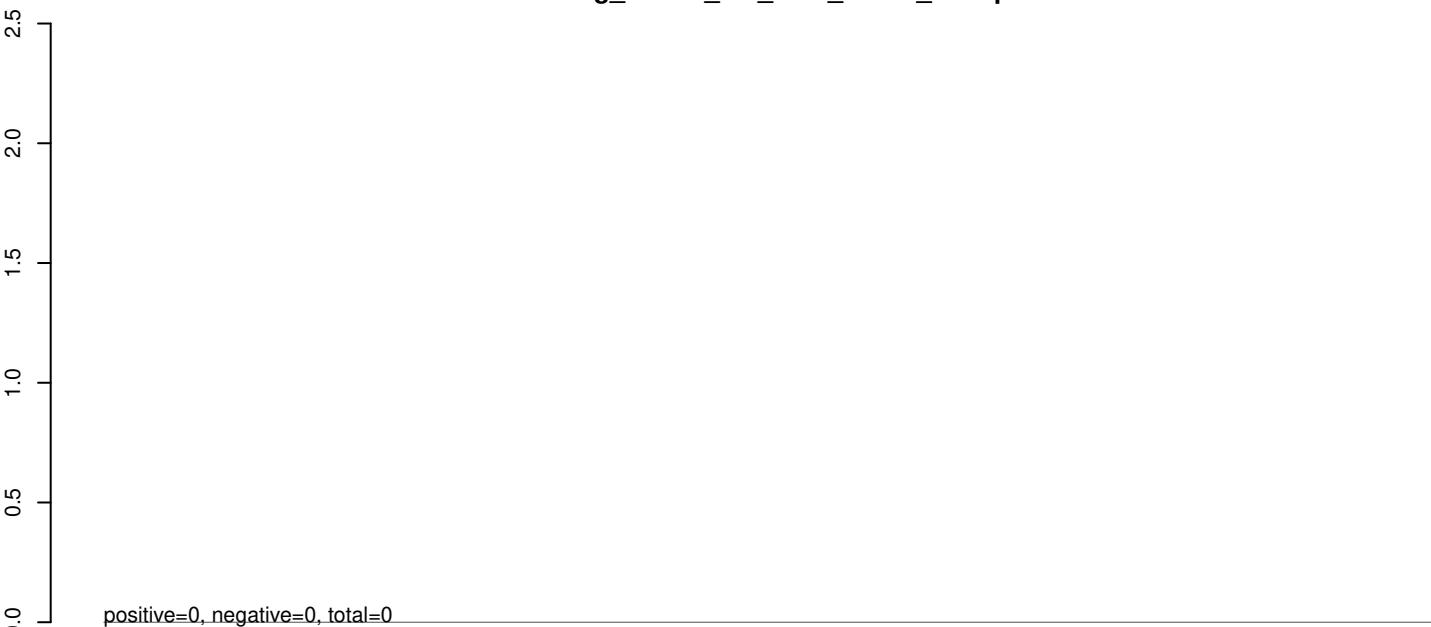


Window size=25, length=1099, TE@R=935-UNKNOWN:1-1099

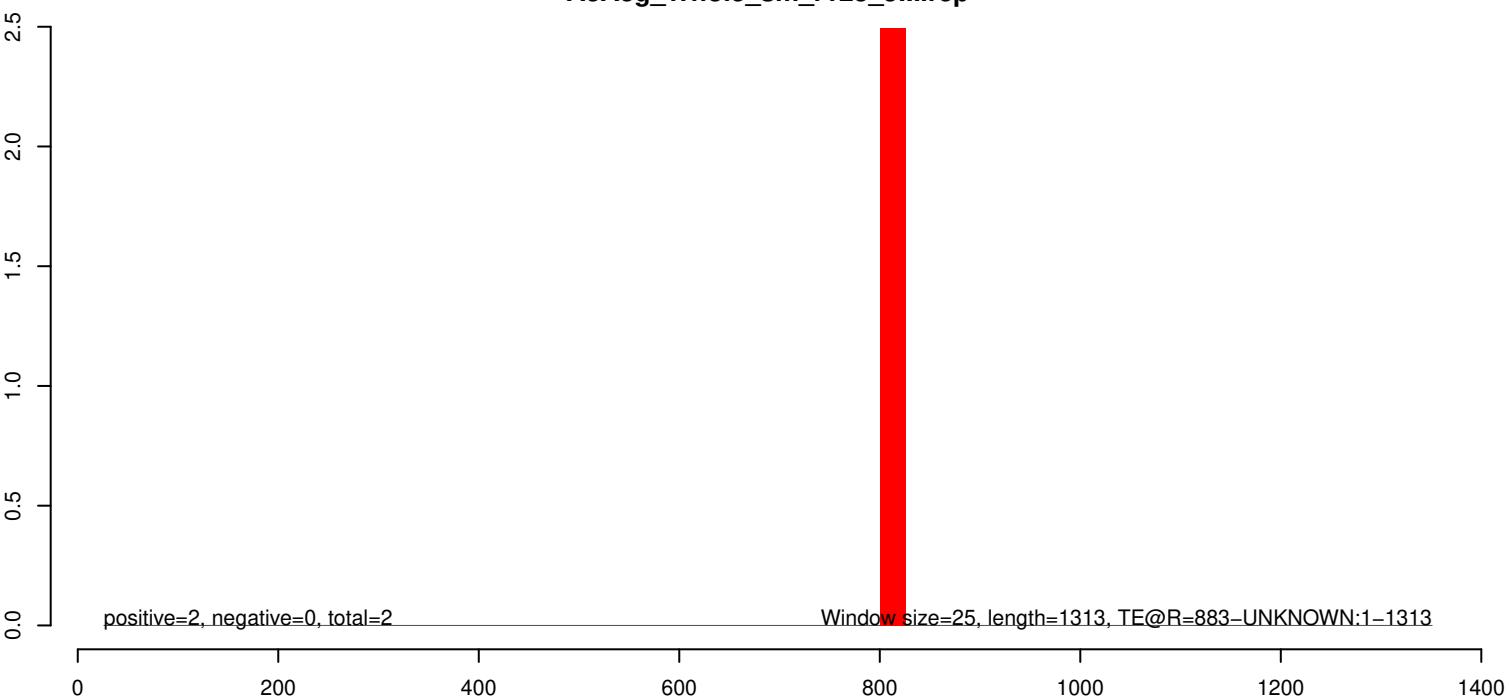
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

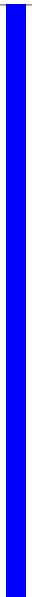


### AeAeg\_Whole\_sm\_r123\_JM.rep



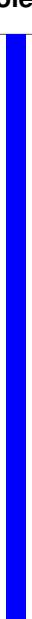
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

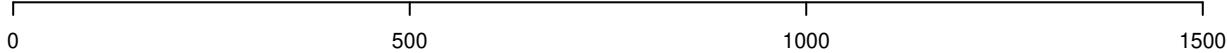
positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=0, total=0

Window size=25, length=1664, TE@R=863-UNKNOWN:1-1664



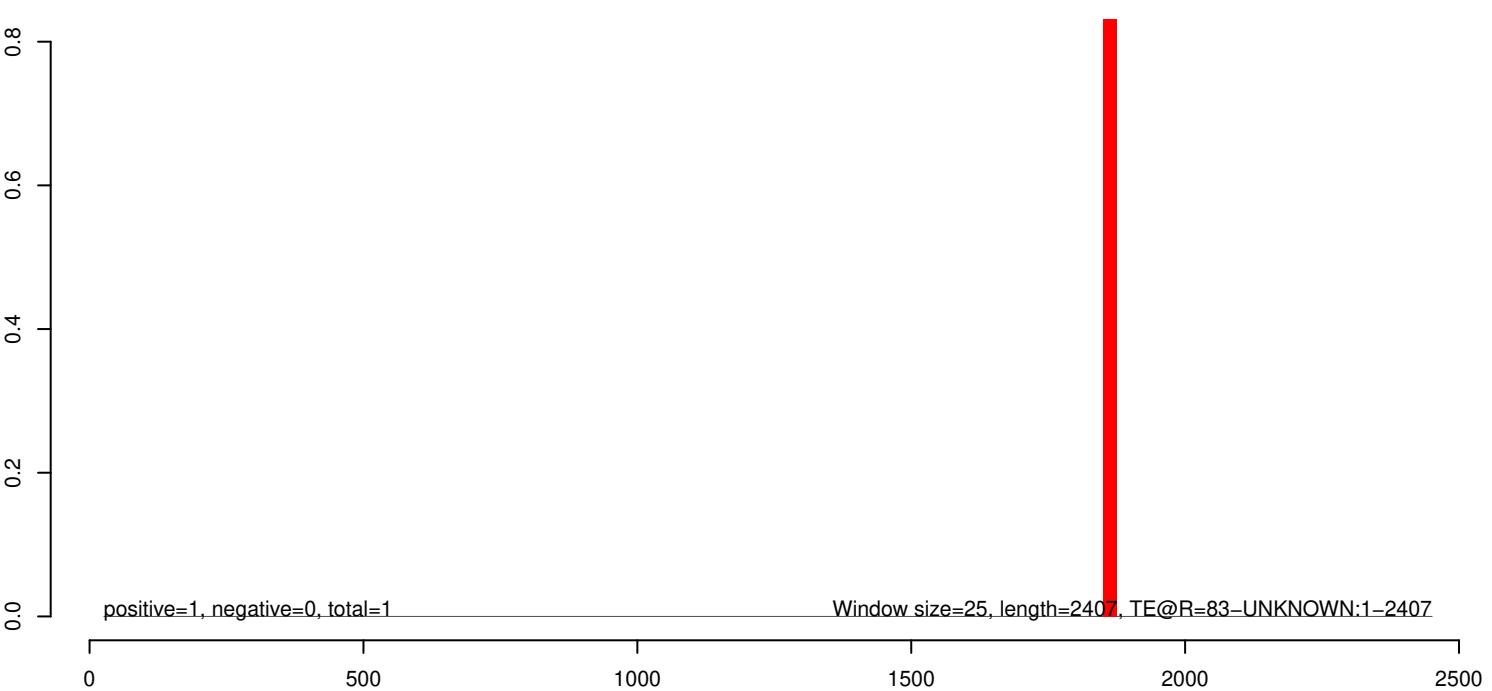
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



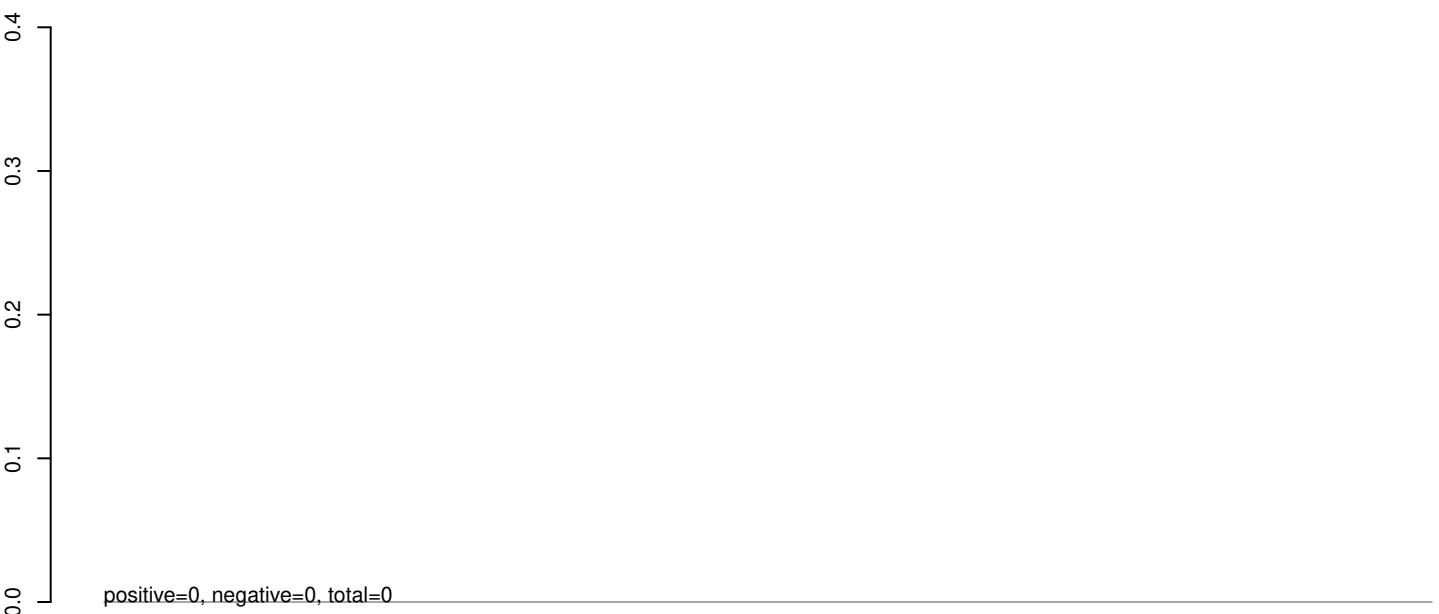
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



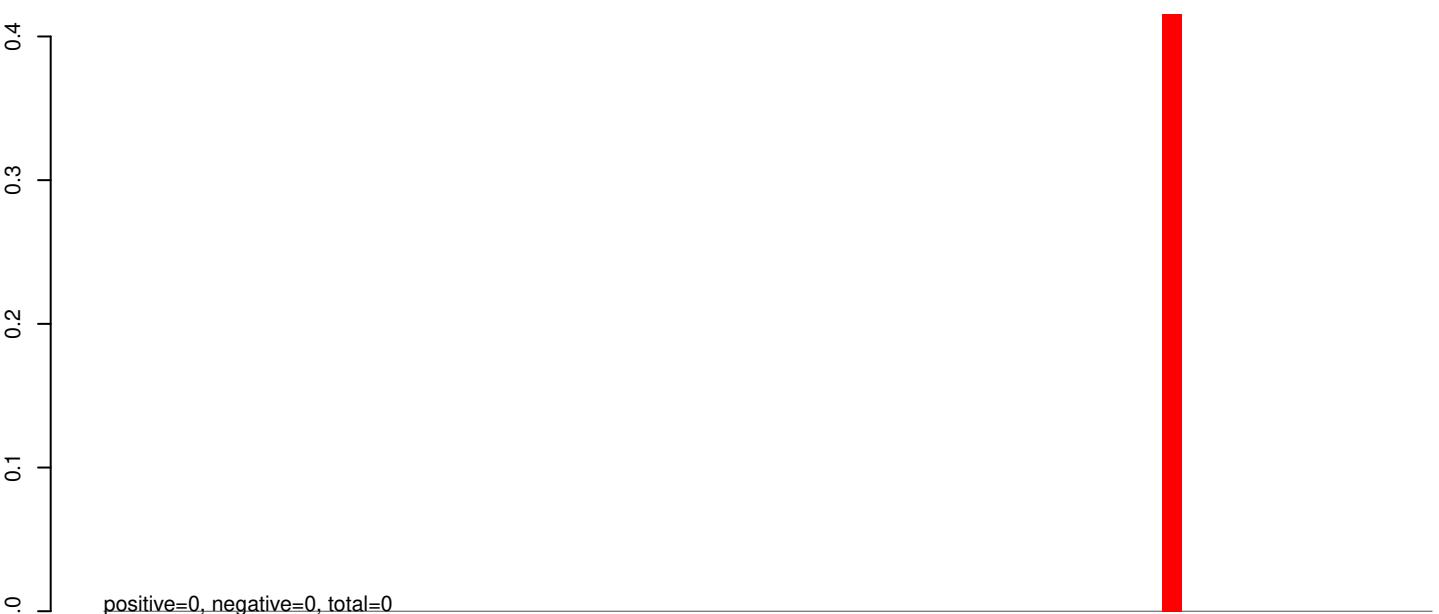
### AeAeg\_Whole\_sm\_r123\_JM.rep



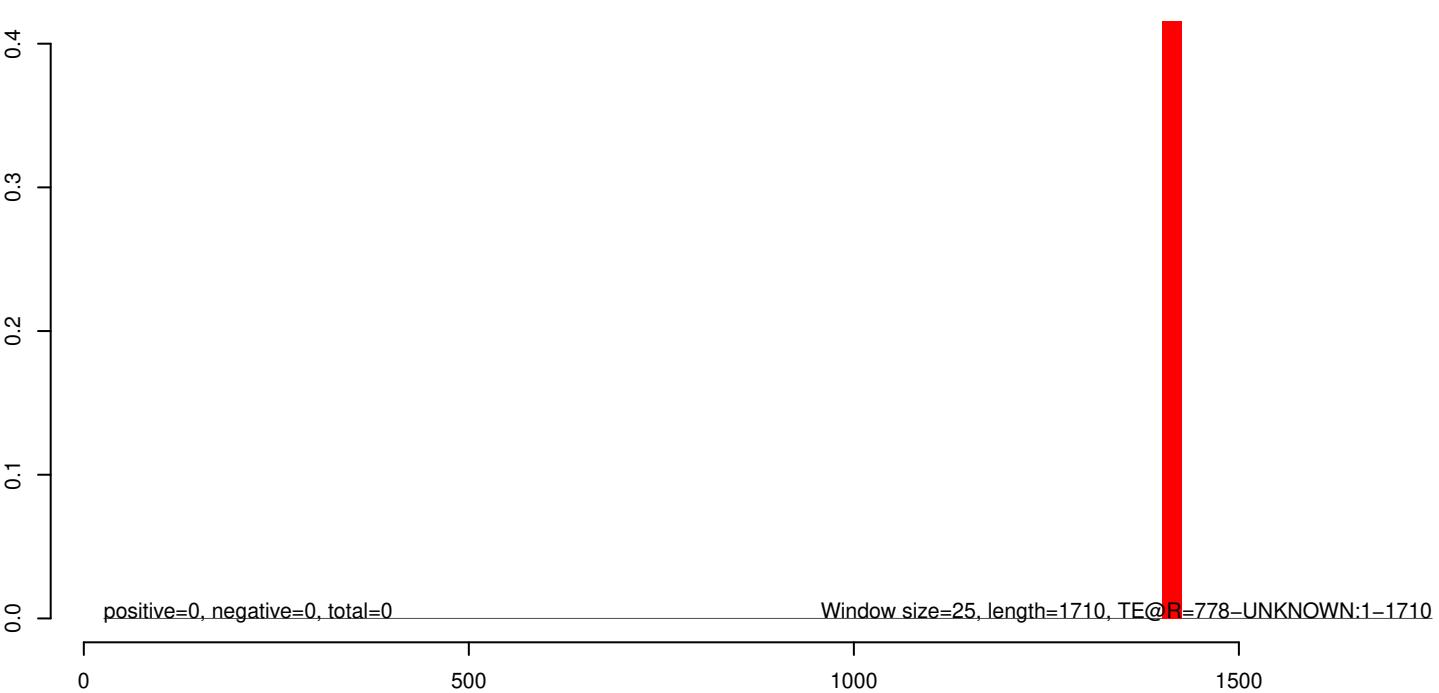
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



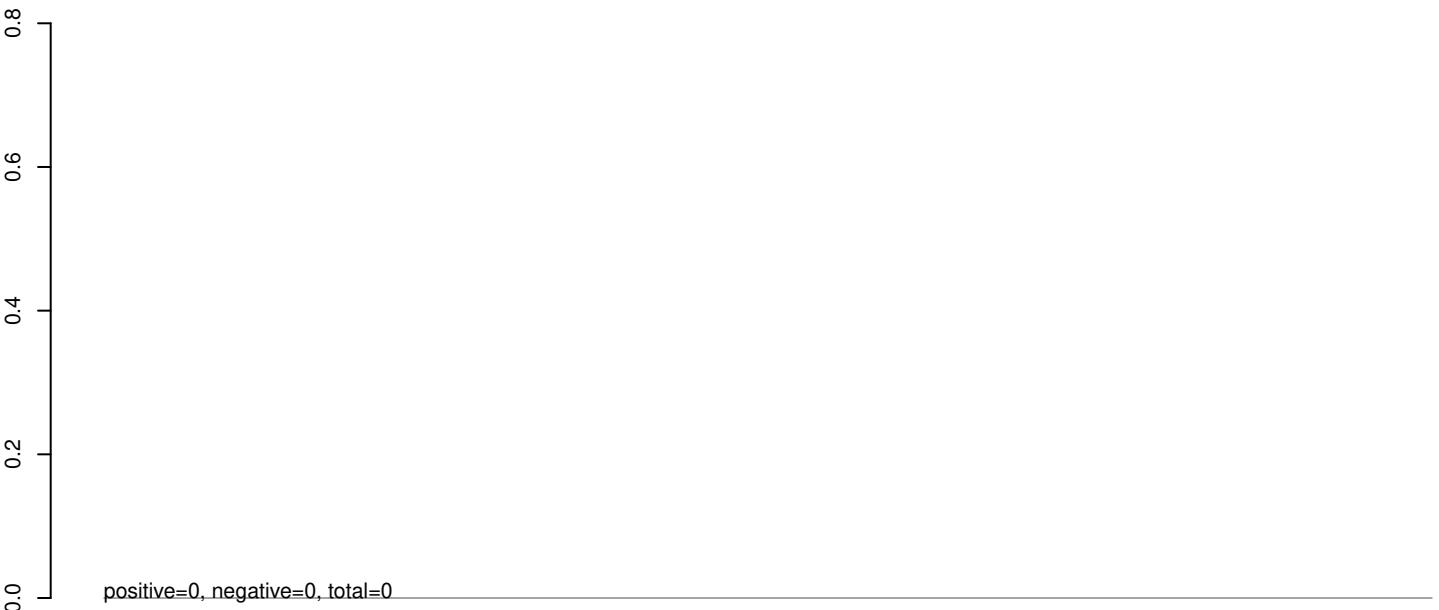
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



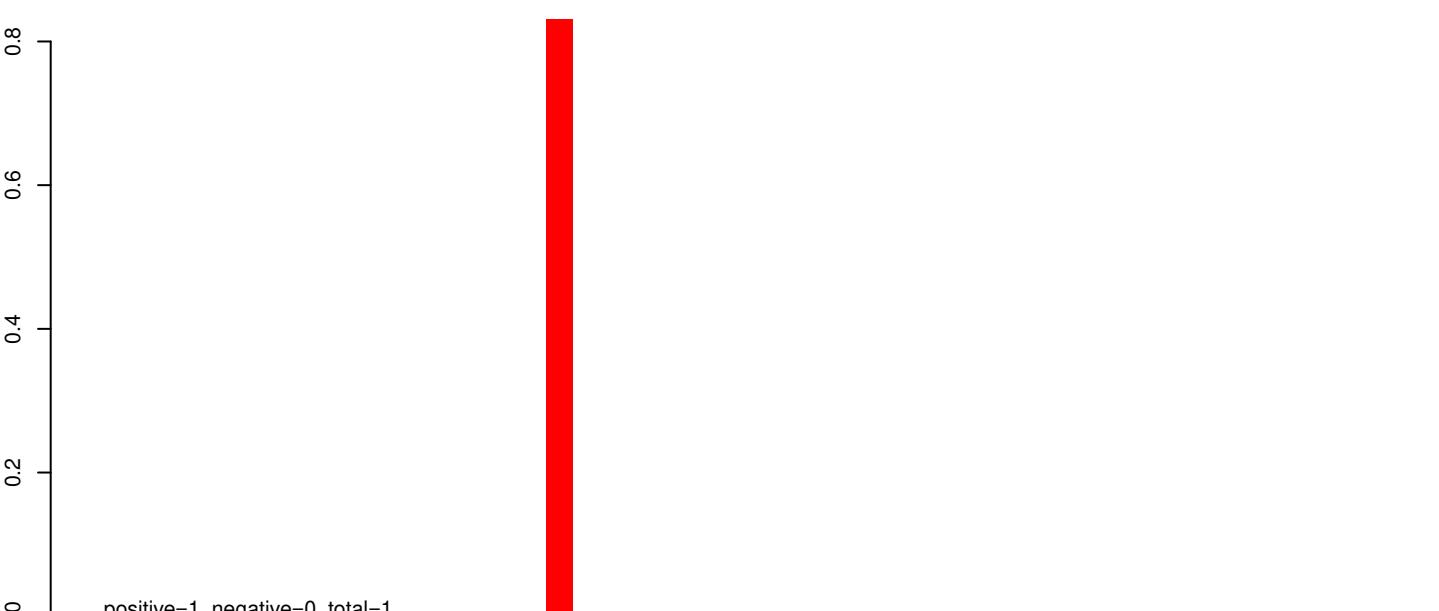
### AeAeg\_Whole\_sm\_r123\_JM.rep



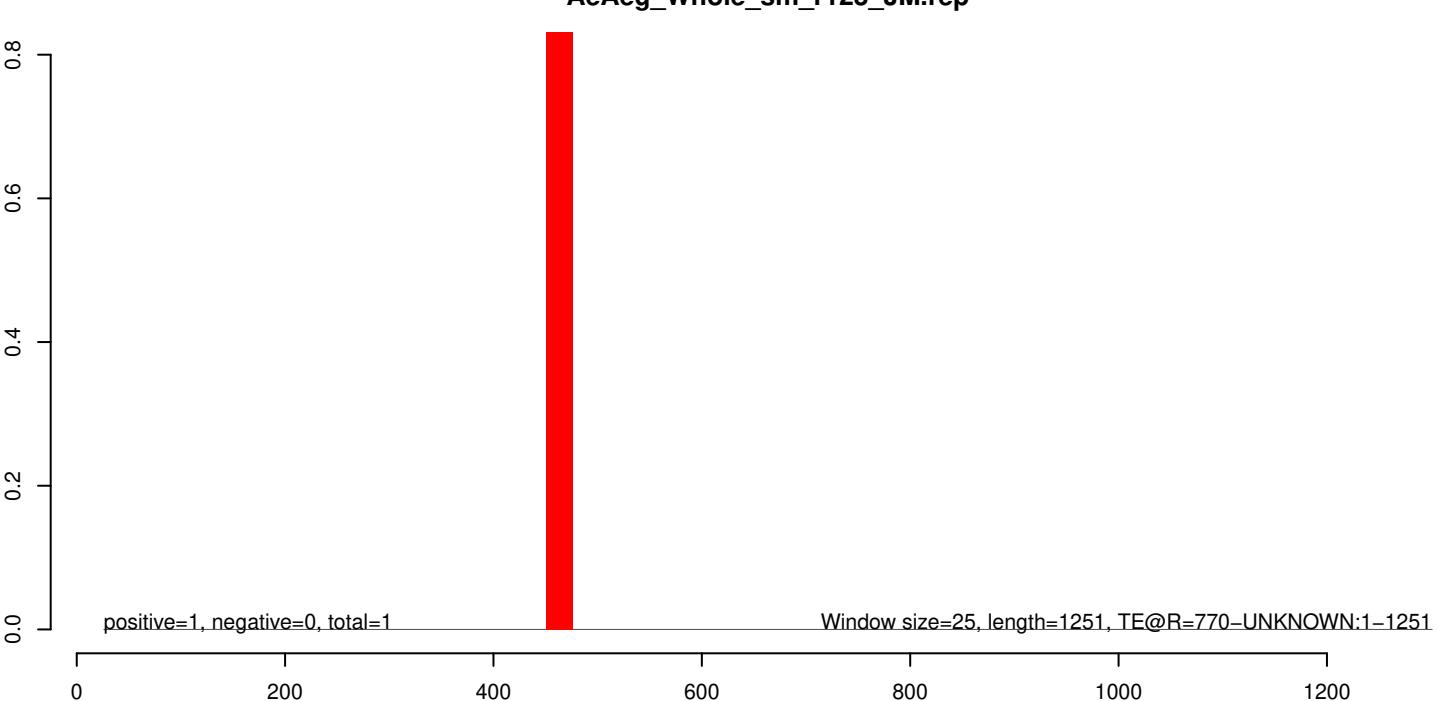
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



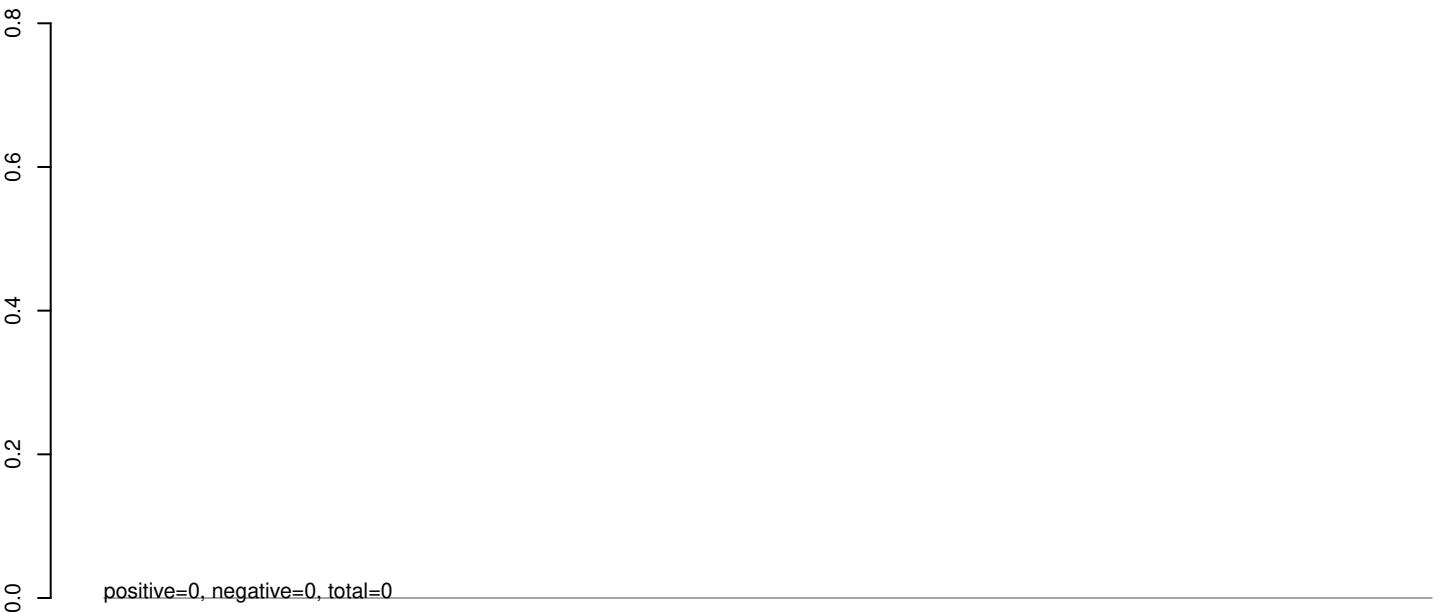
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



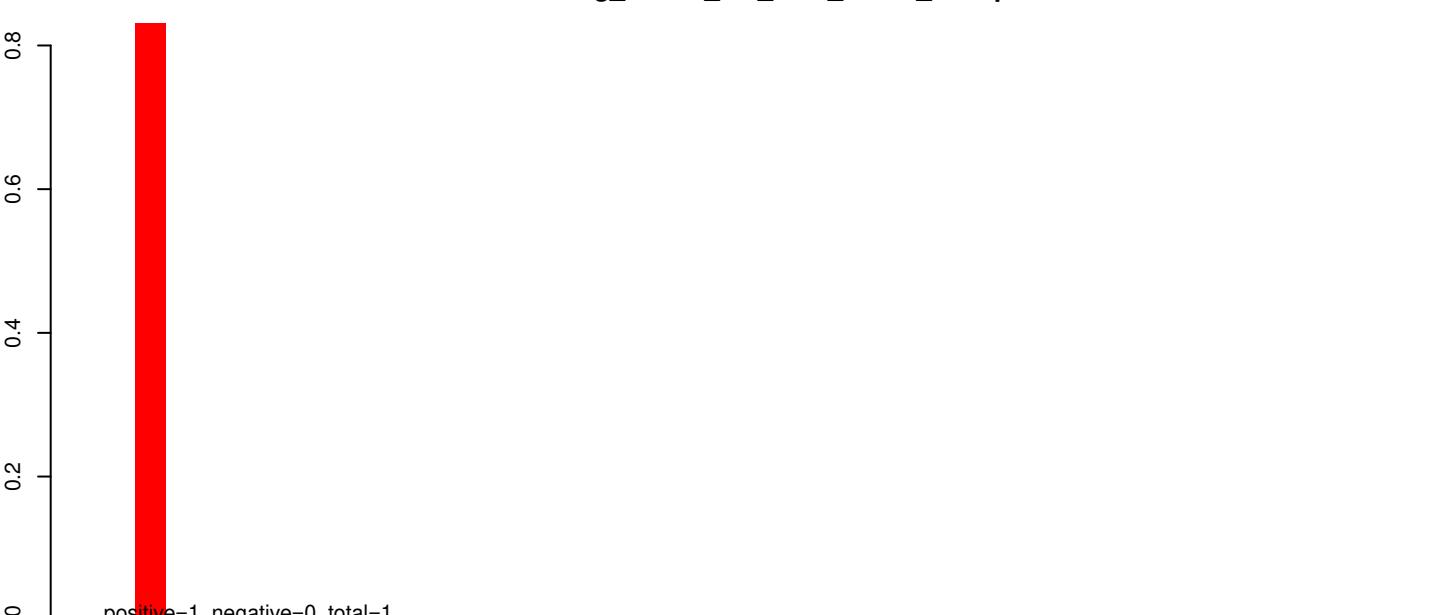
**AeAeg\_Whole\_sm\_r123\_JM.rep**



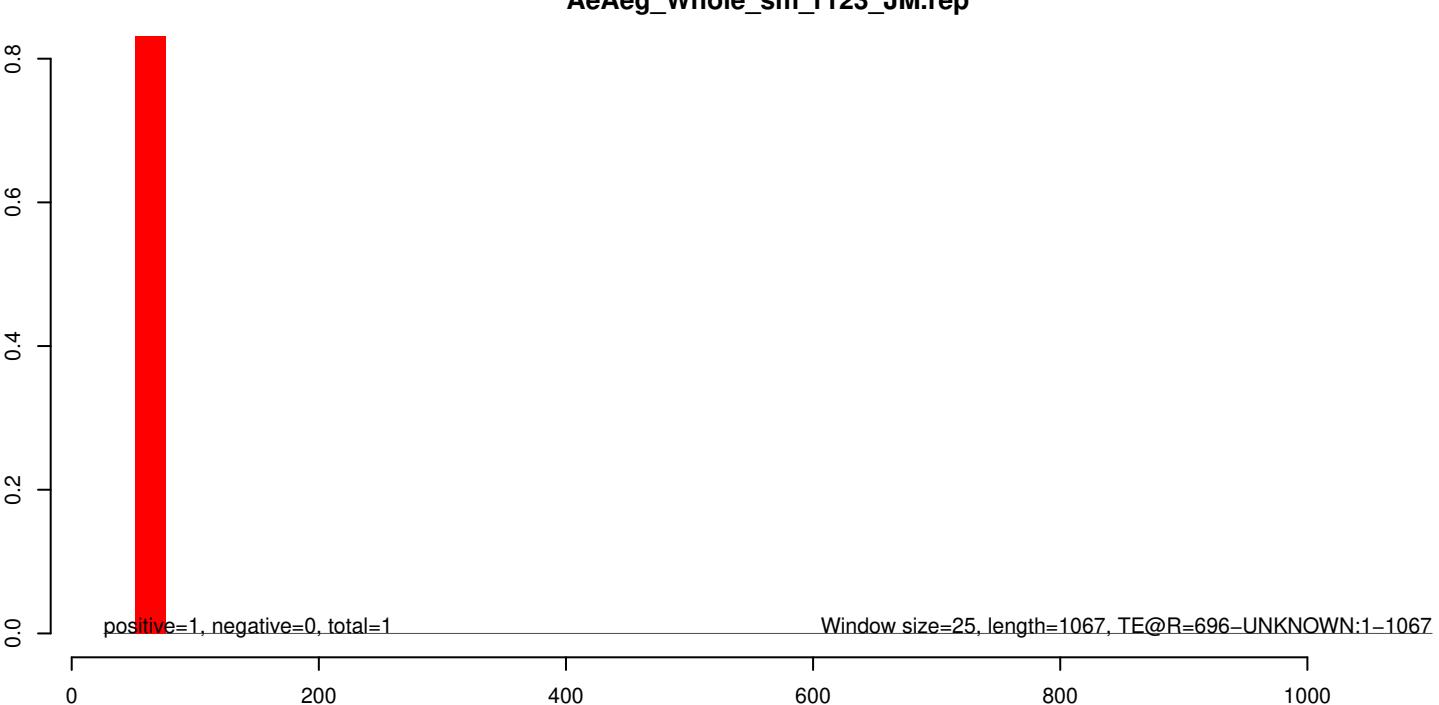
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



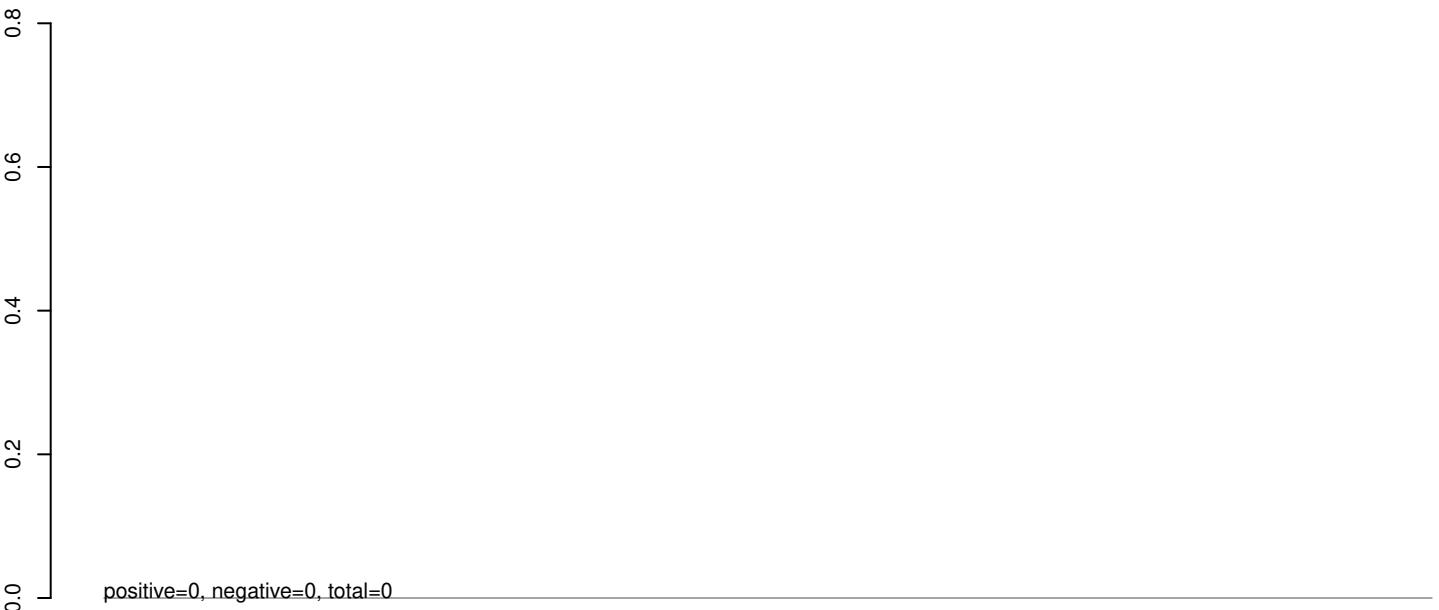
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



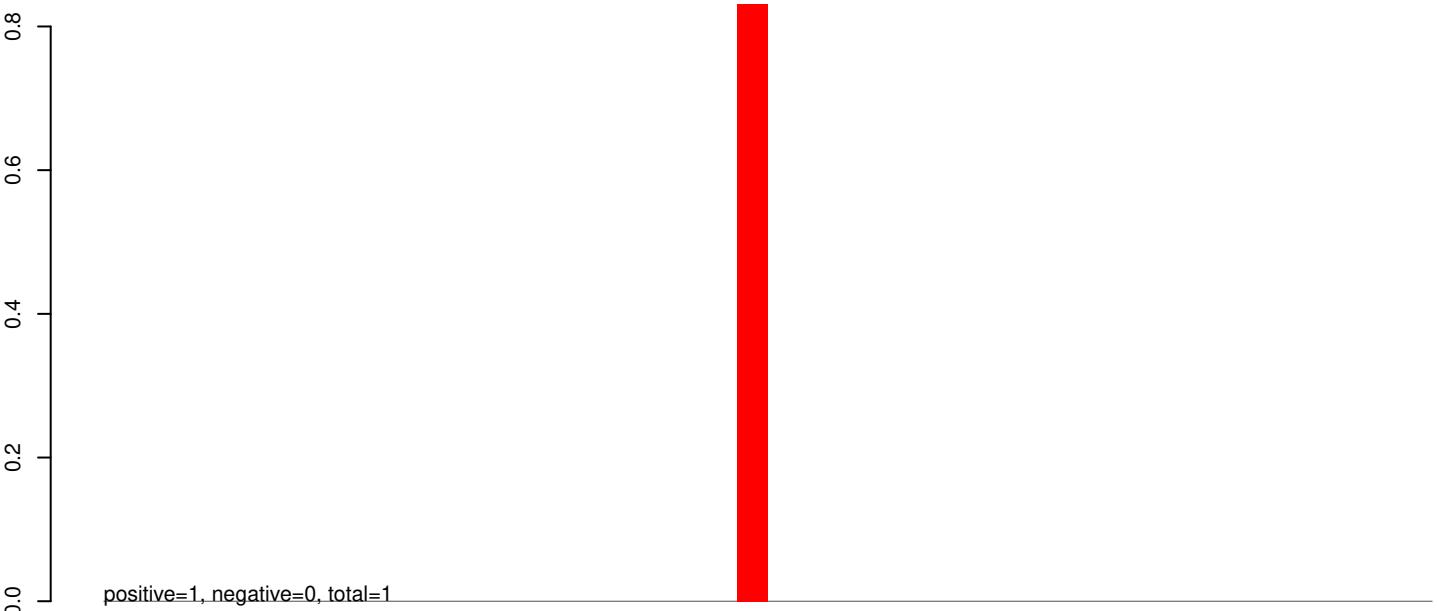
**AeAeg\_Whole\_sm\_r123\_JM.rep**



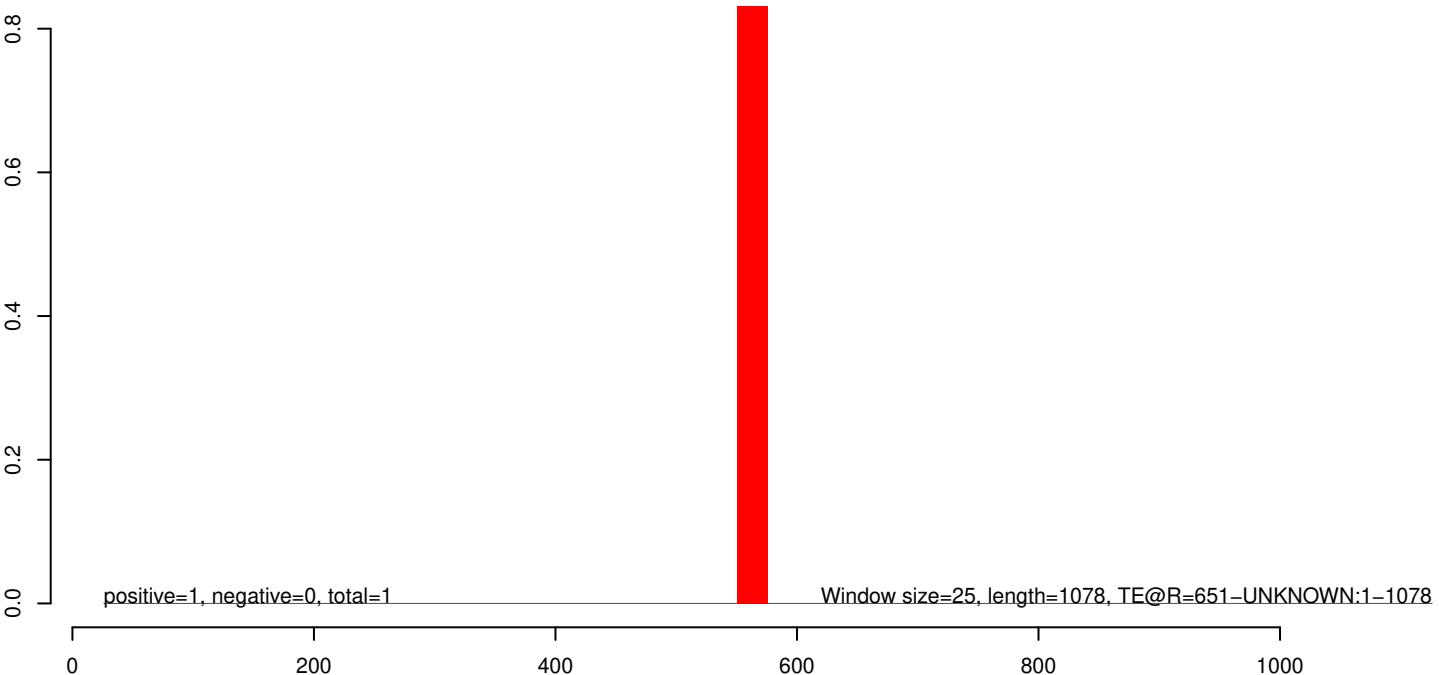
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

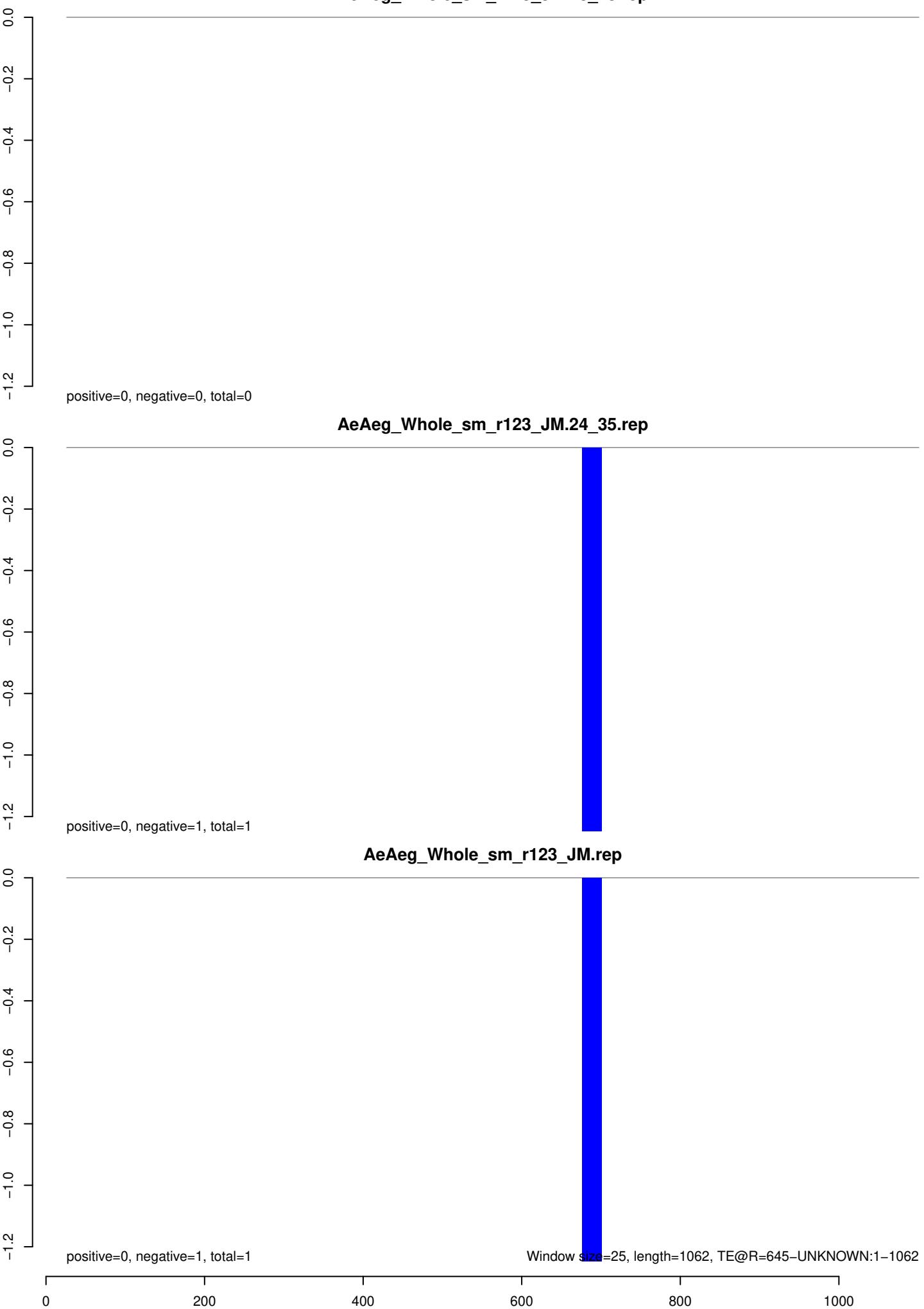
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

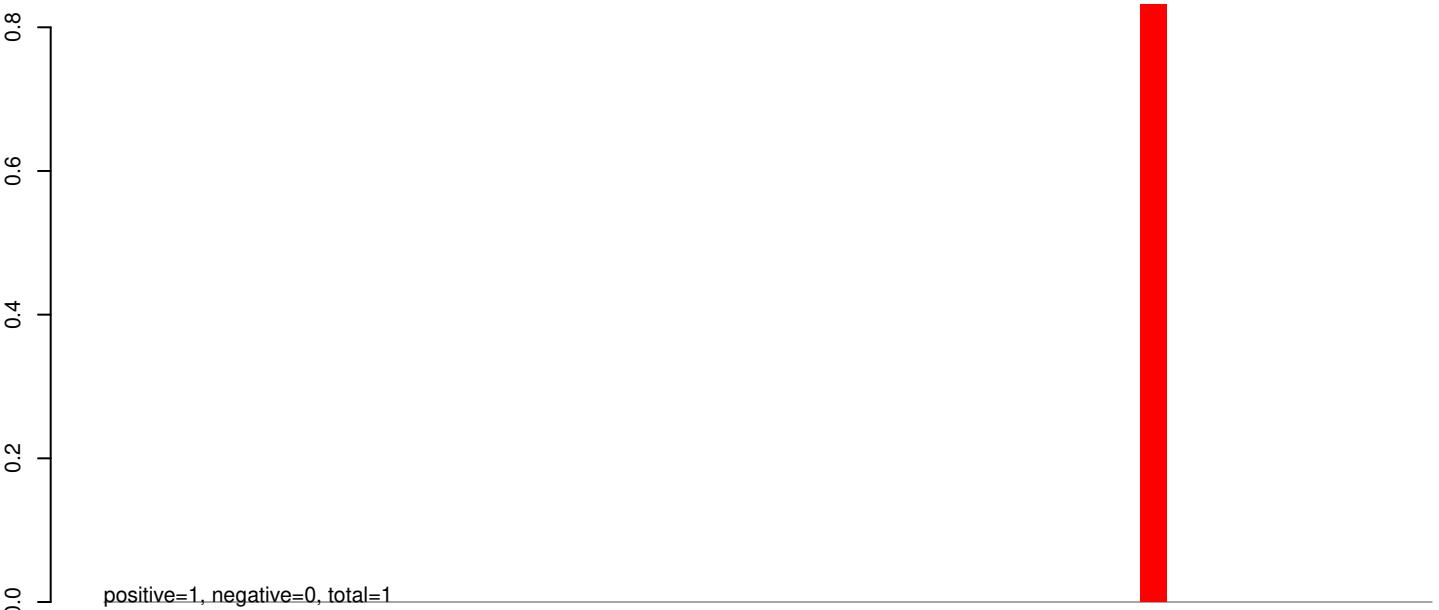
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

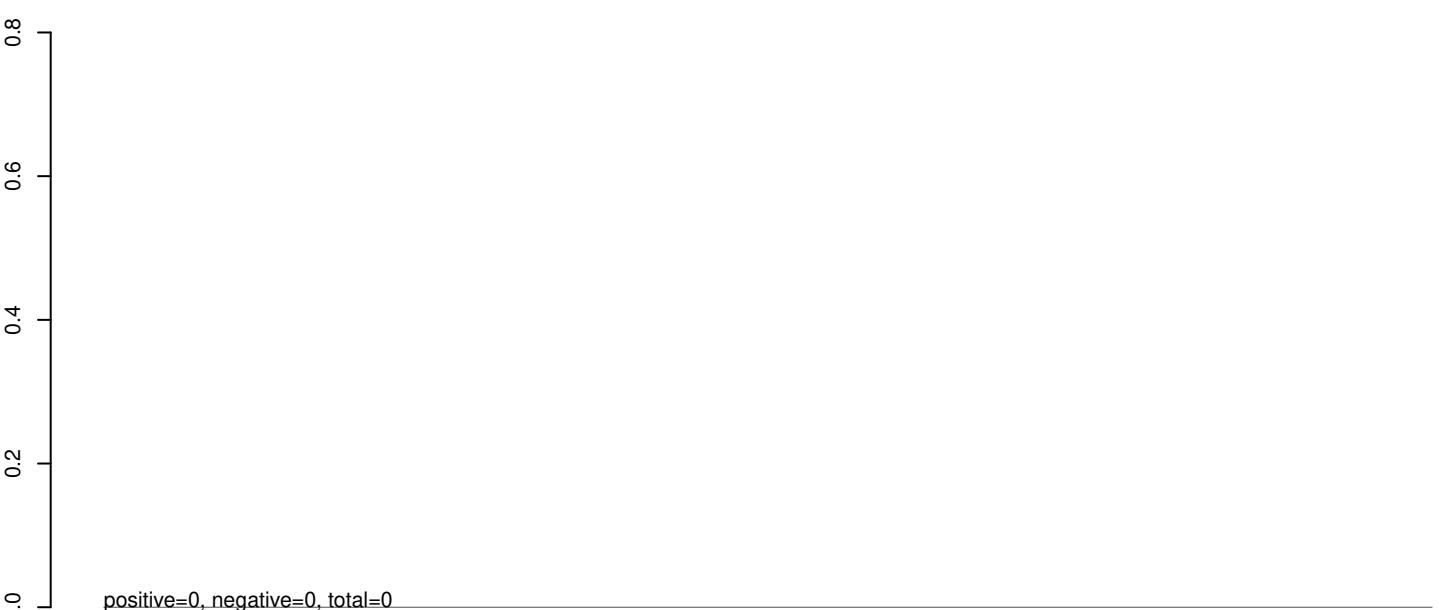
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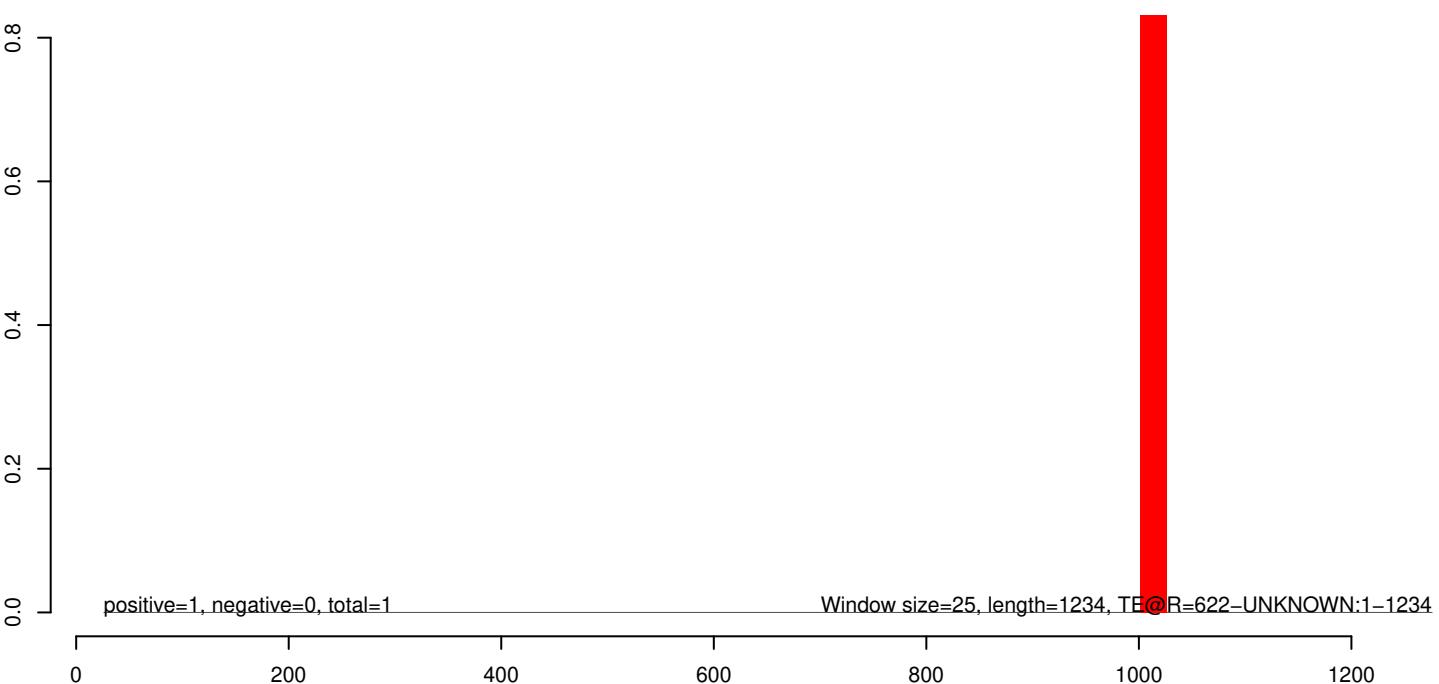
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



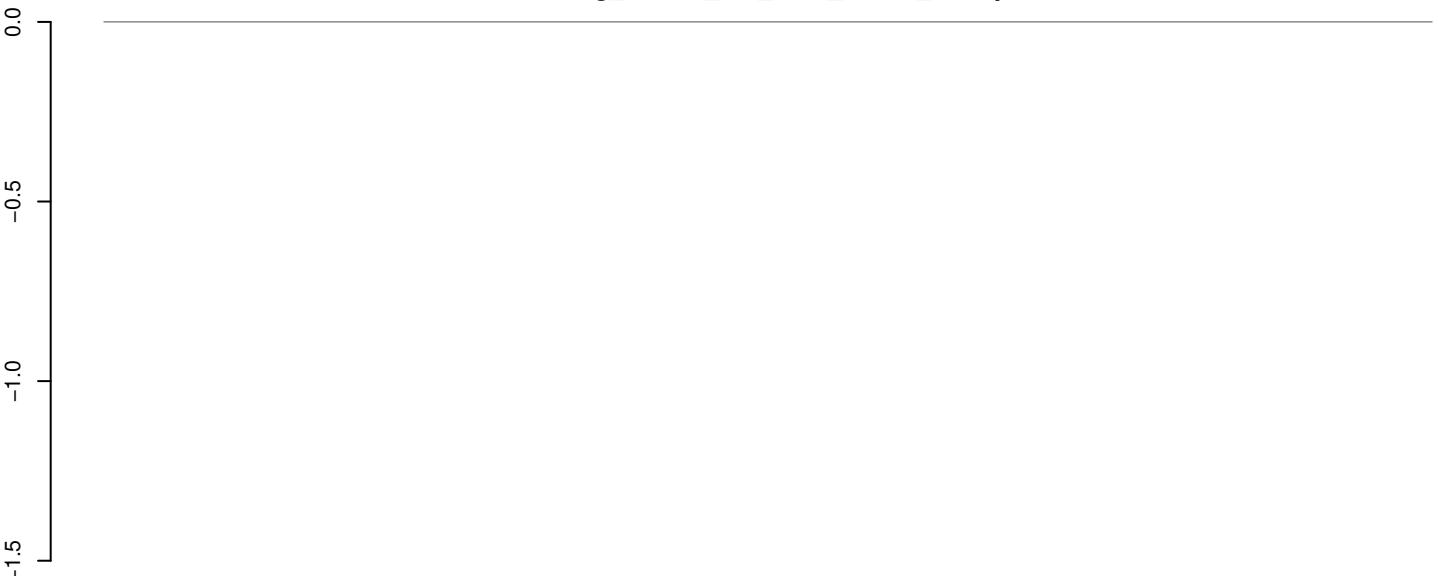
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



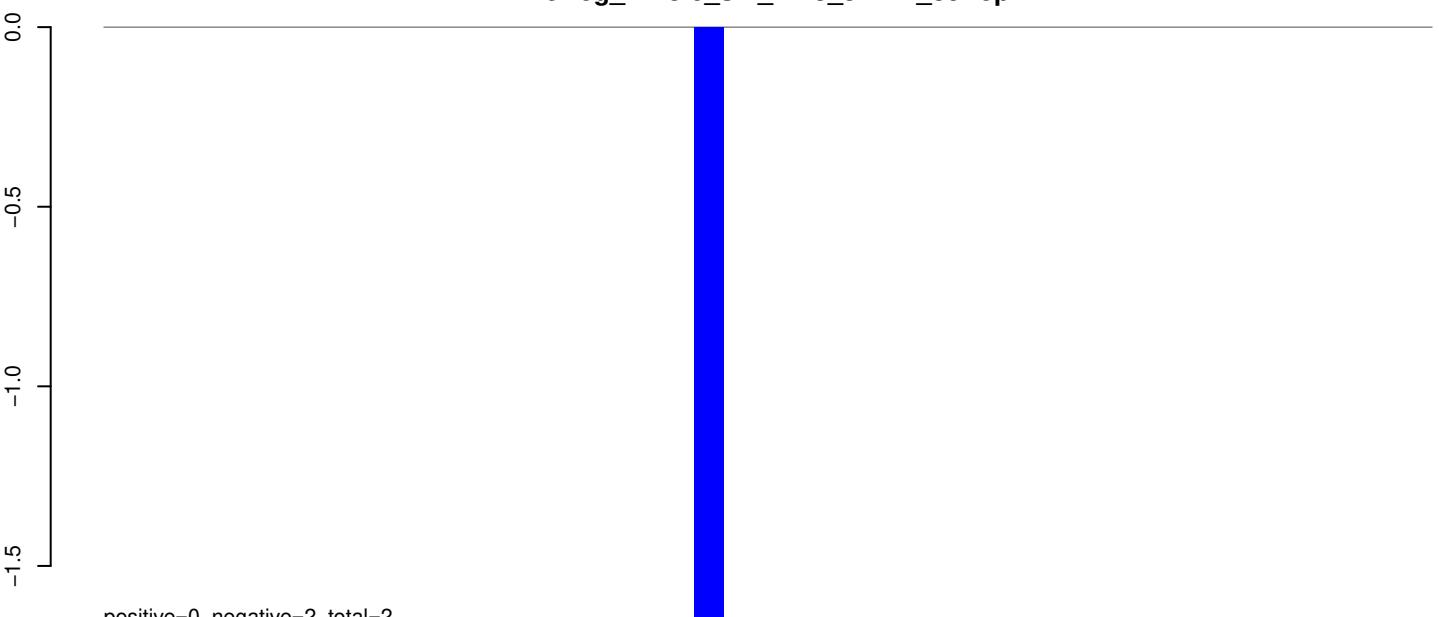
### AeAeg\_Whole\_sm\_r123\_JM.rep



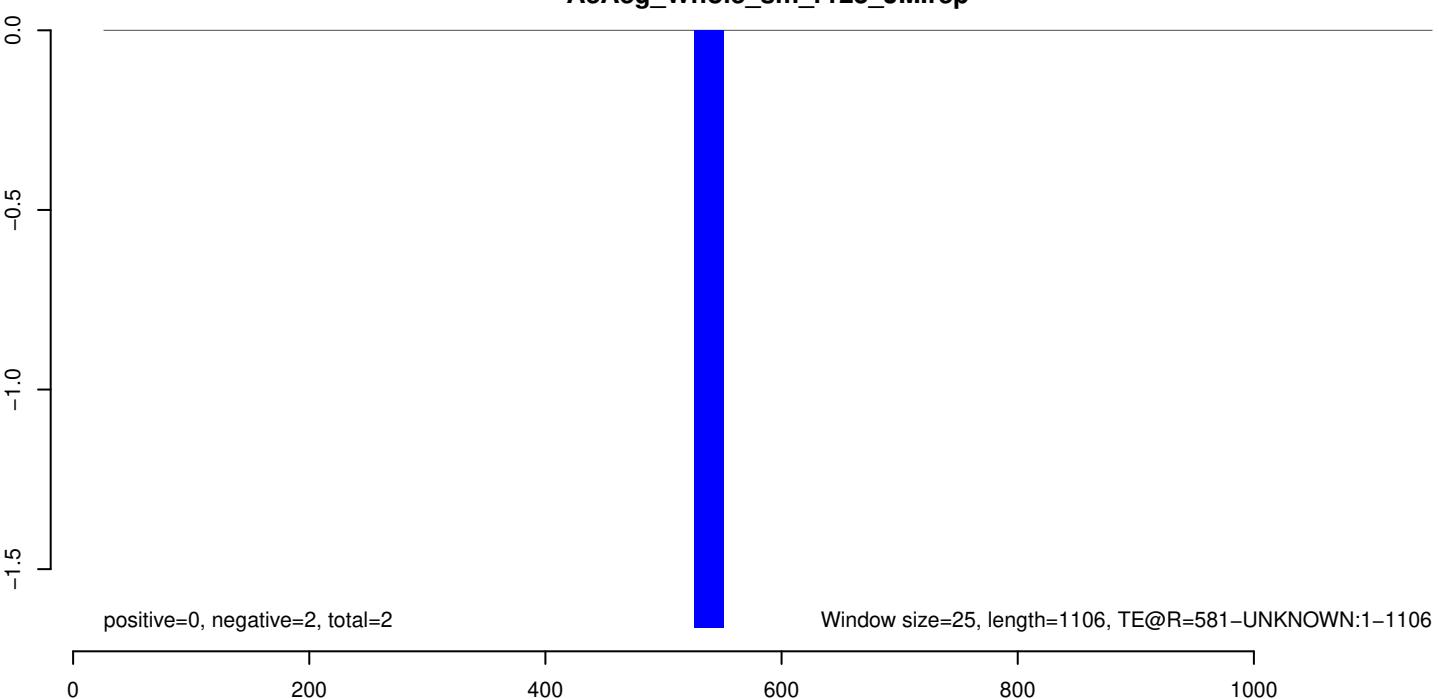
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



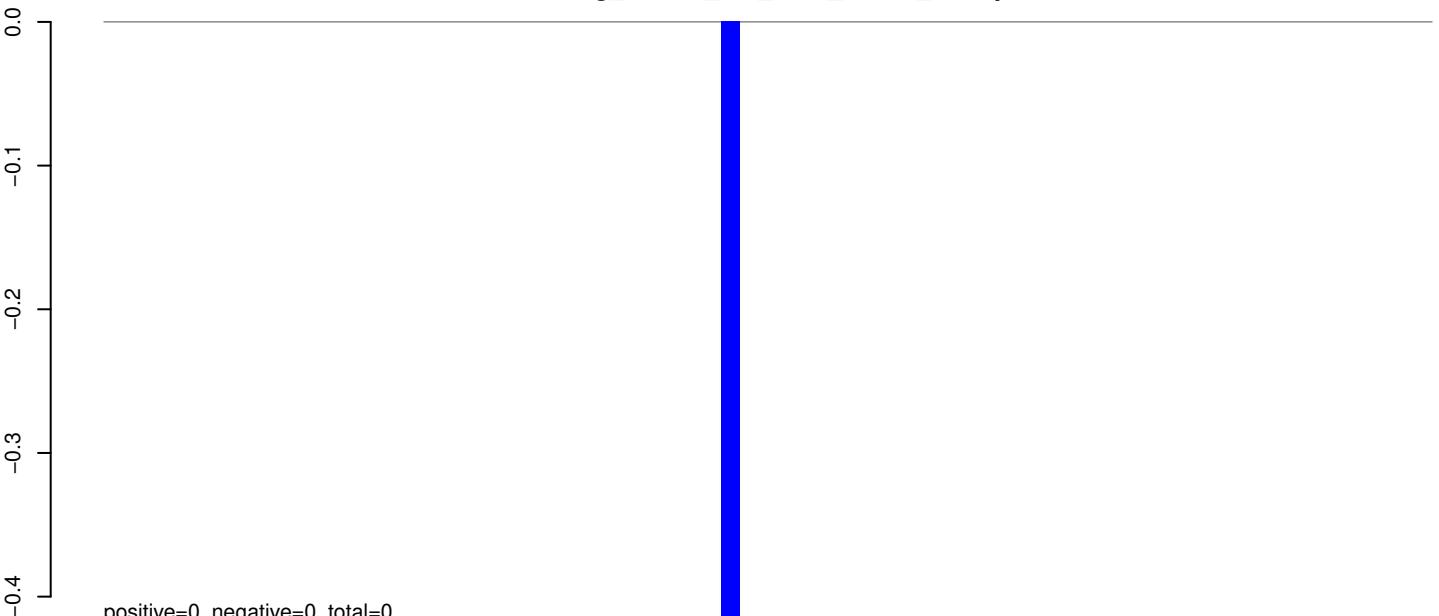
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



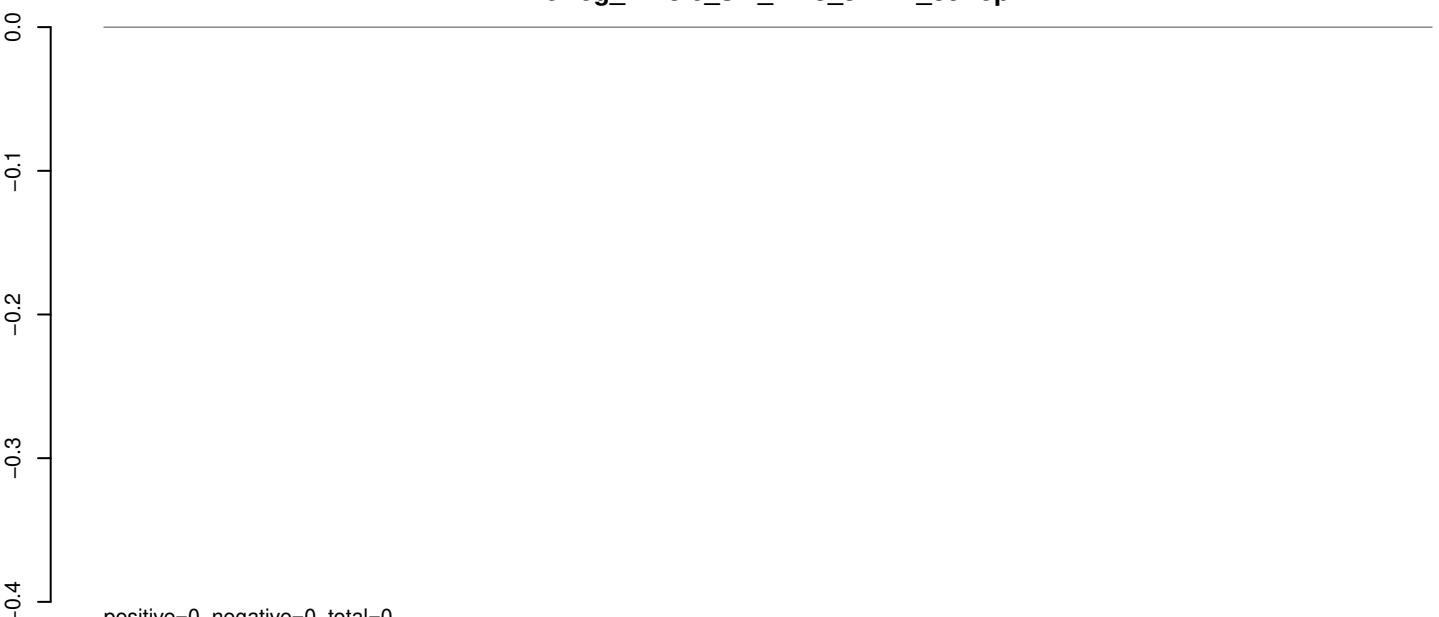
### AeAeg\_Whole\_sm\_r123\_JM.rep



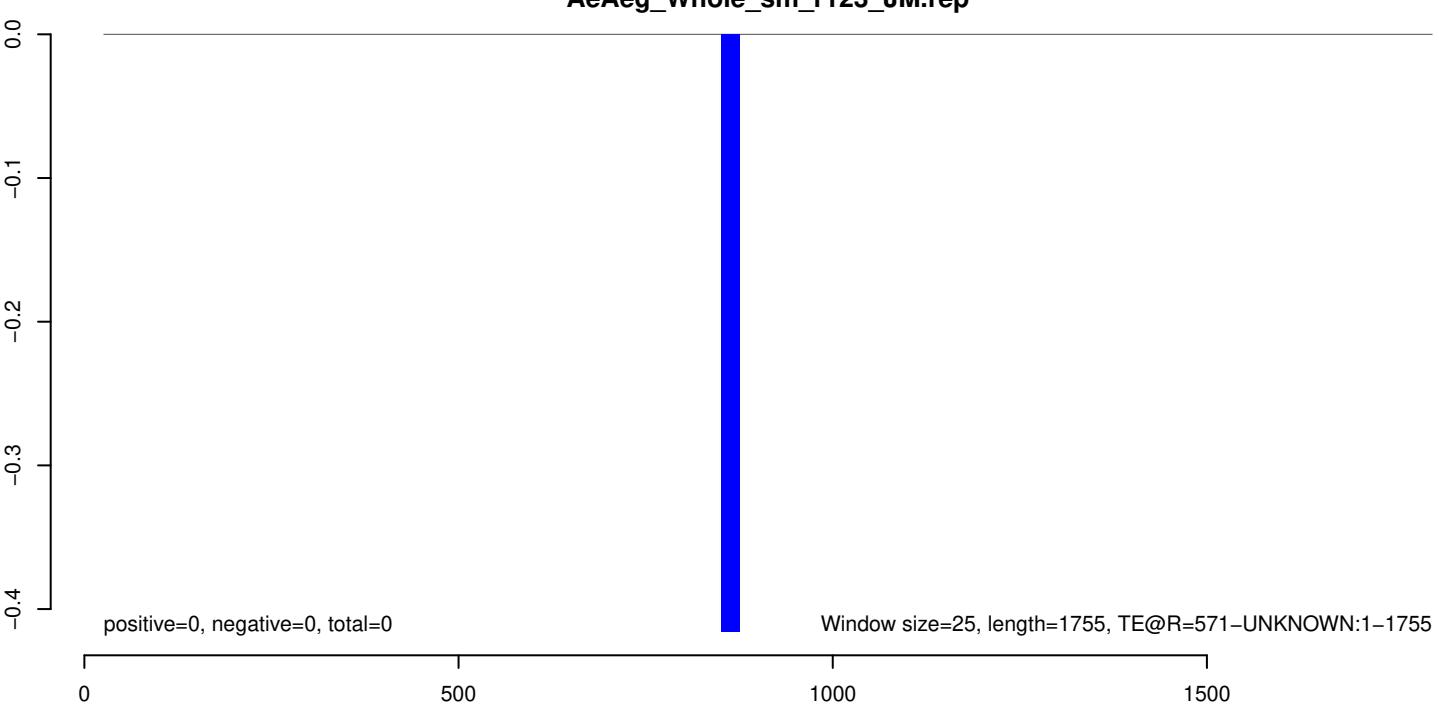
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1

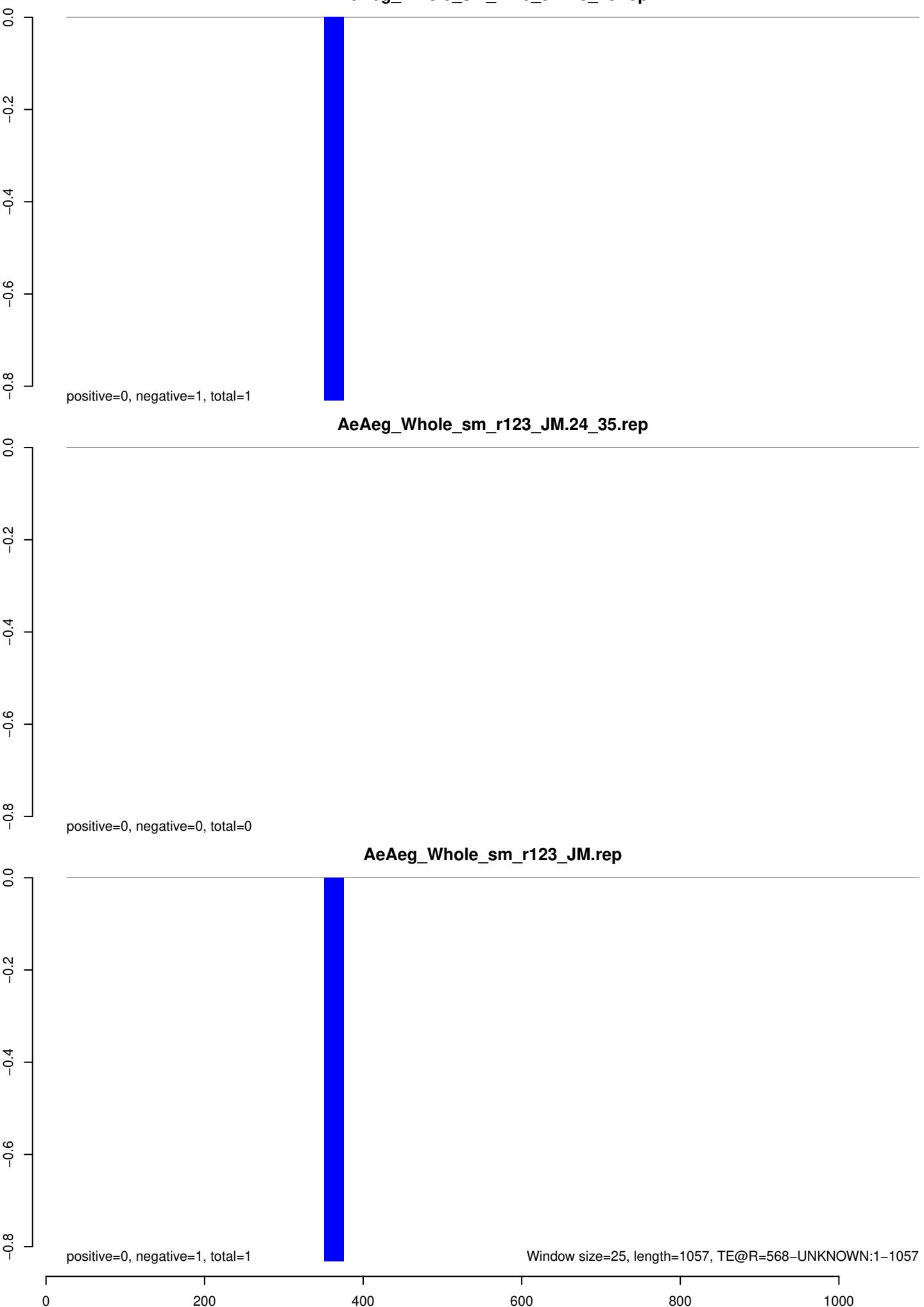
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

Window size=25, length=1057, TE@R=568–UNKNOWN:1–1057



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

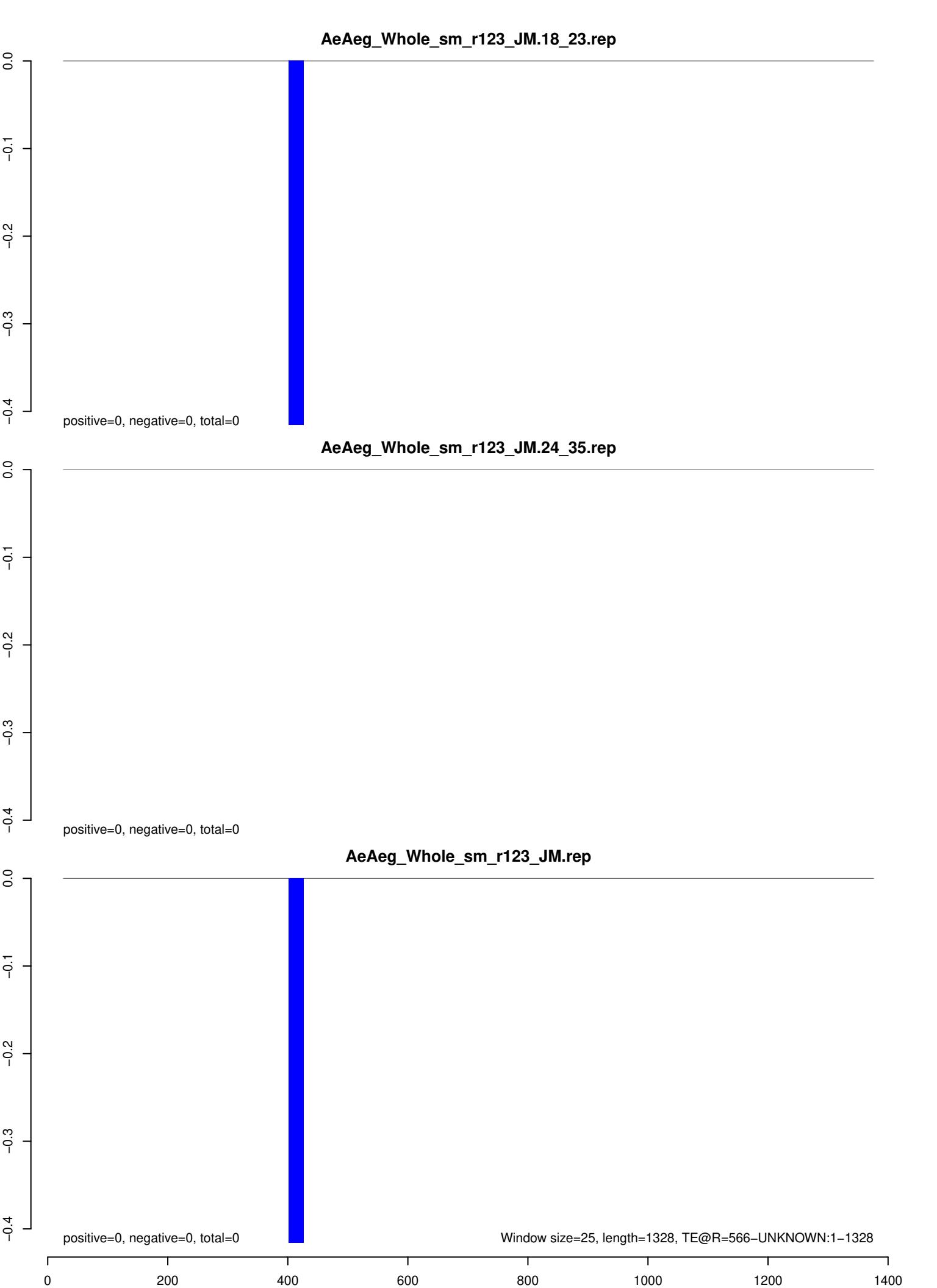
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

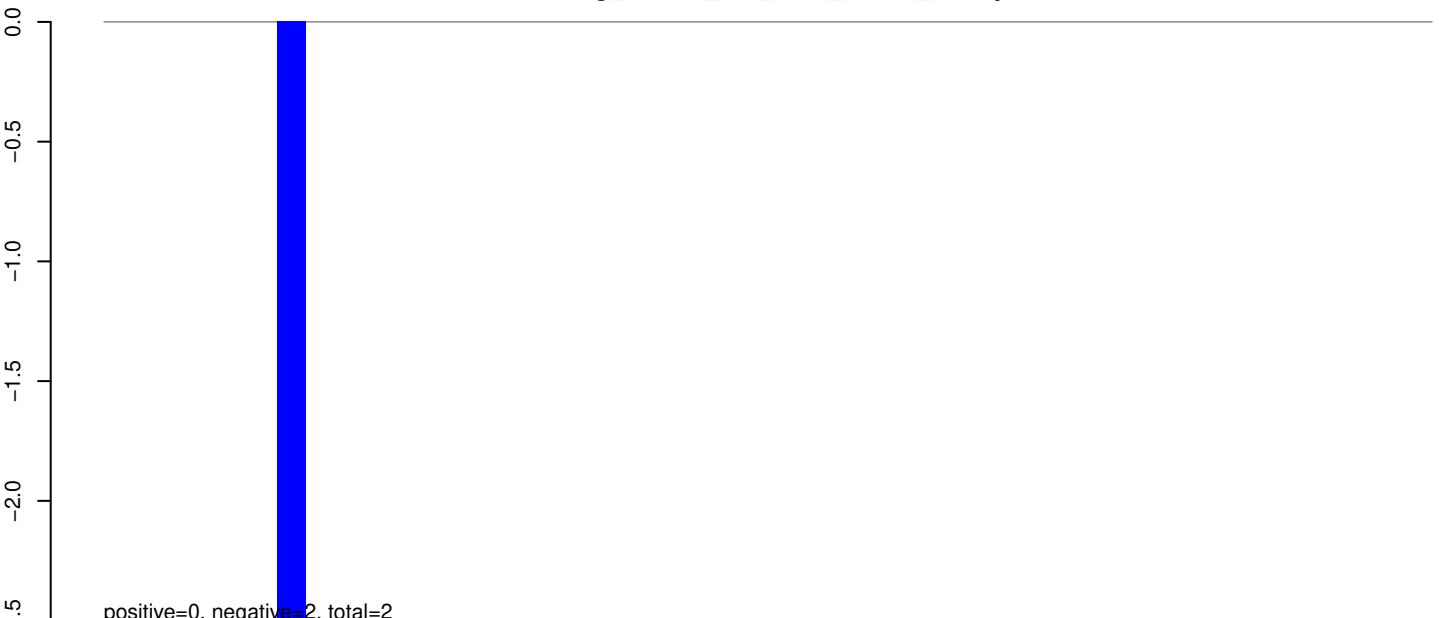
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=0, total=0

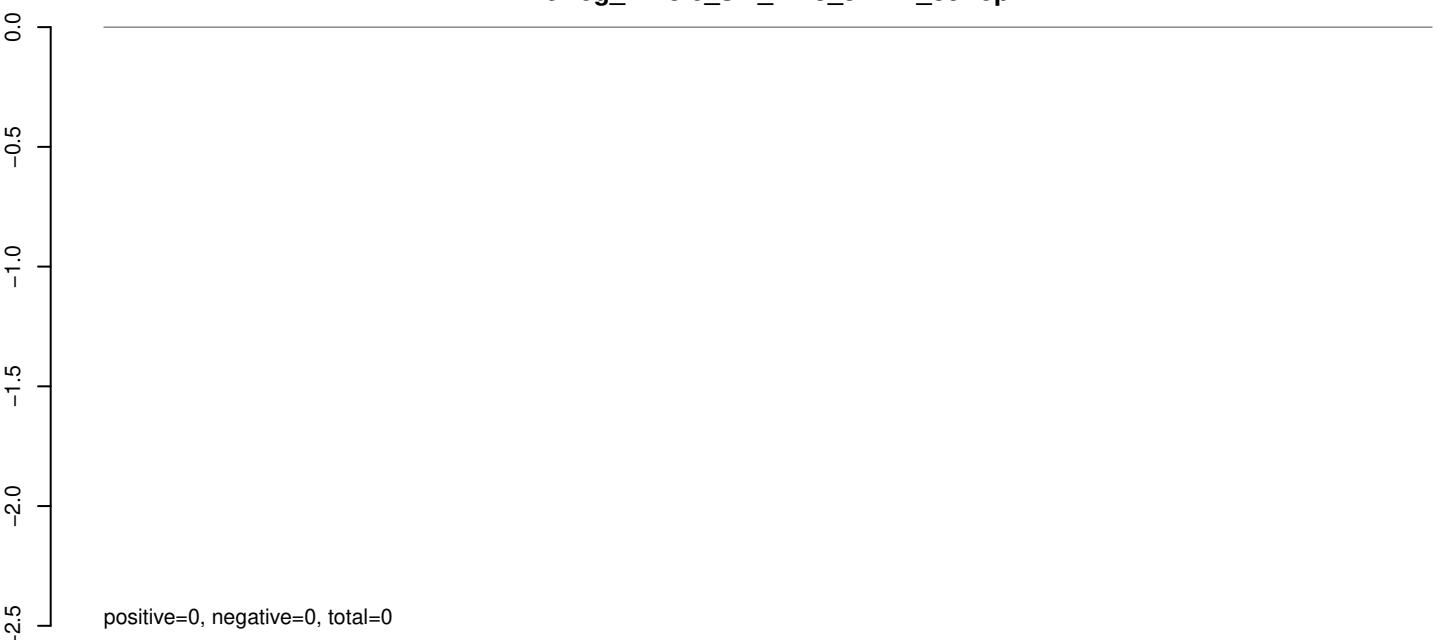
Window size=25, length=1328, TE@R=566-UNKNOWN:1-1328



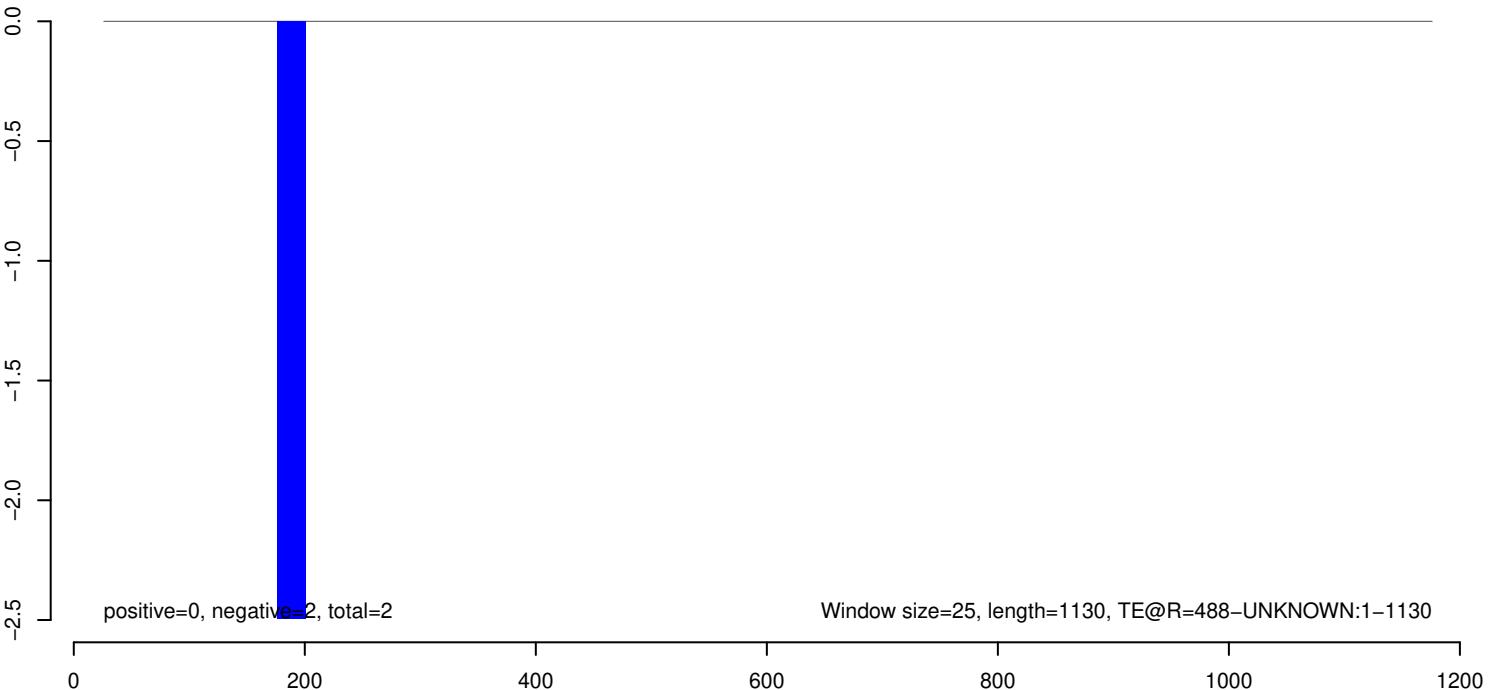
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



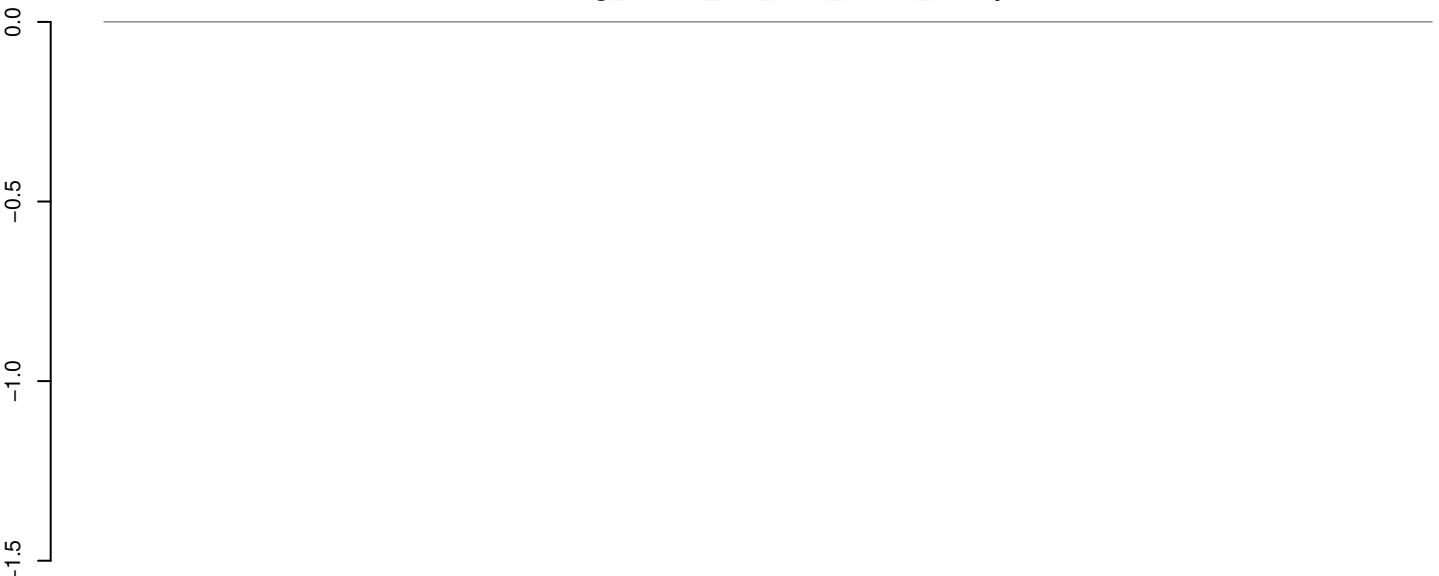
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



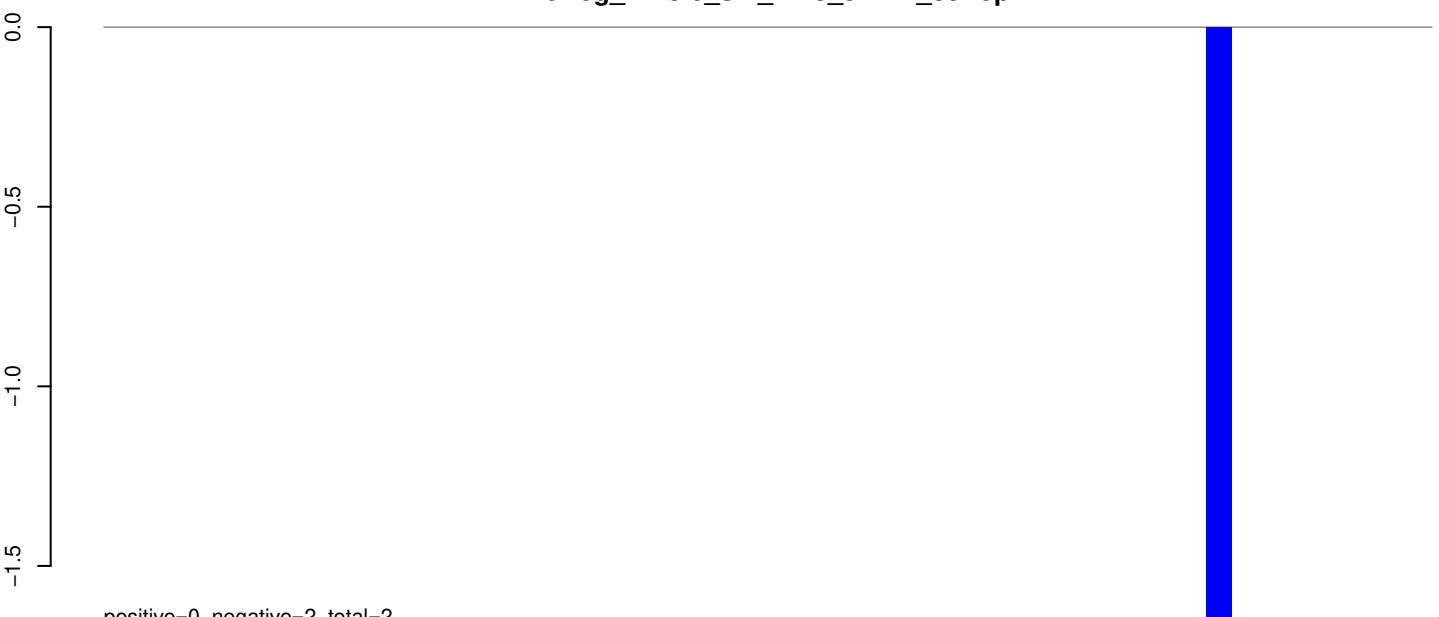
### AeAeg\_Whole\_sm\_r123\_JM.rep



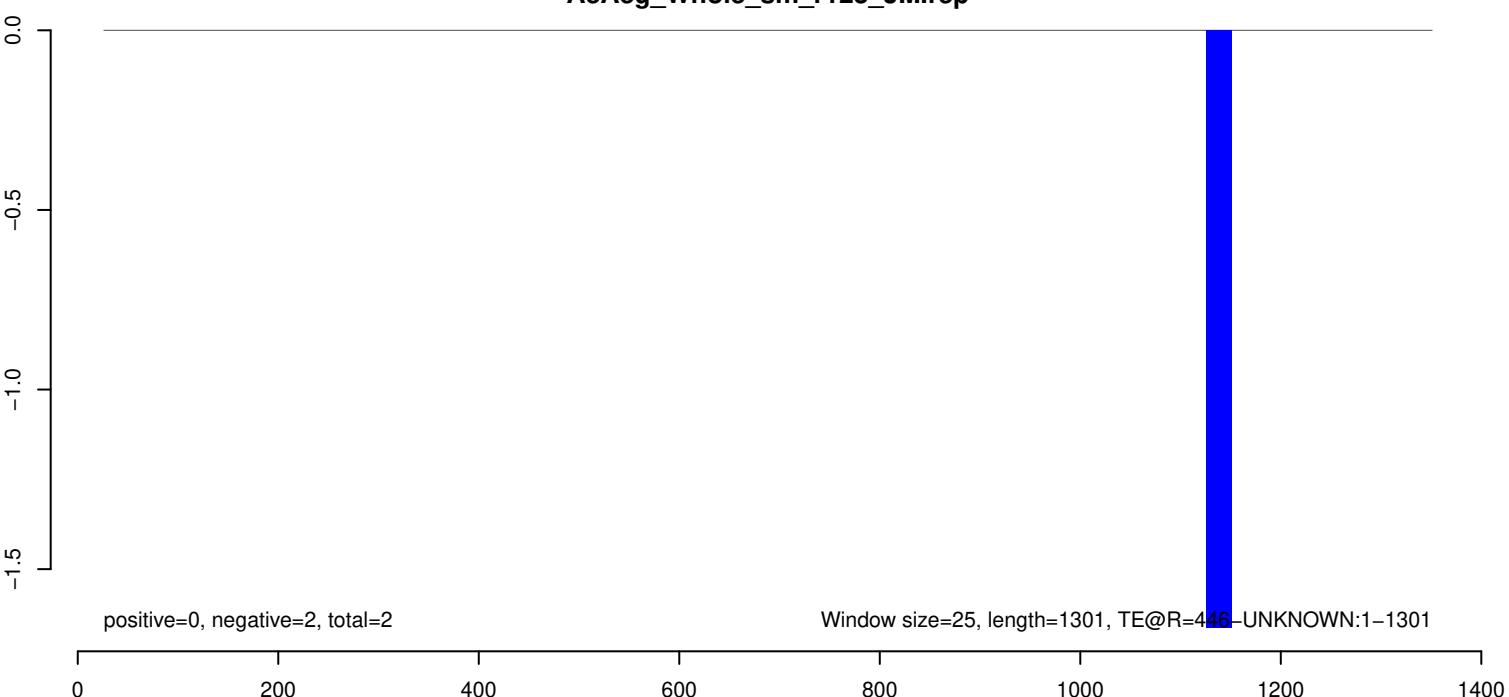
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



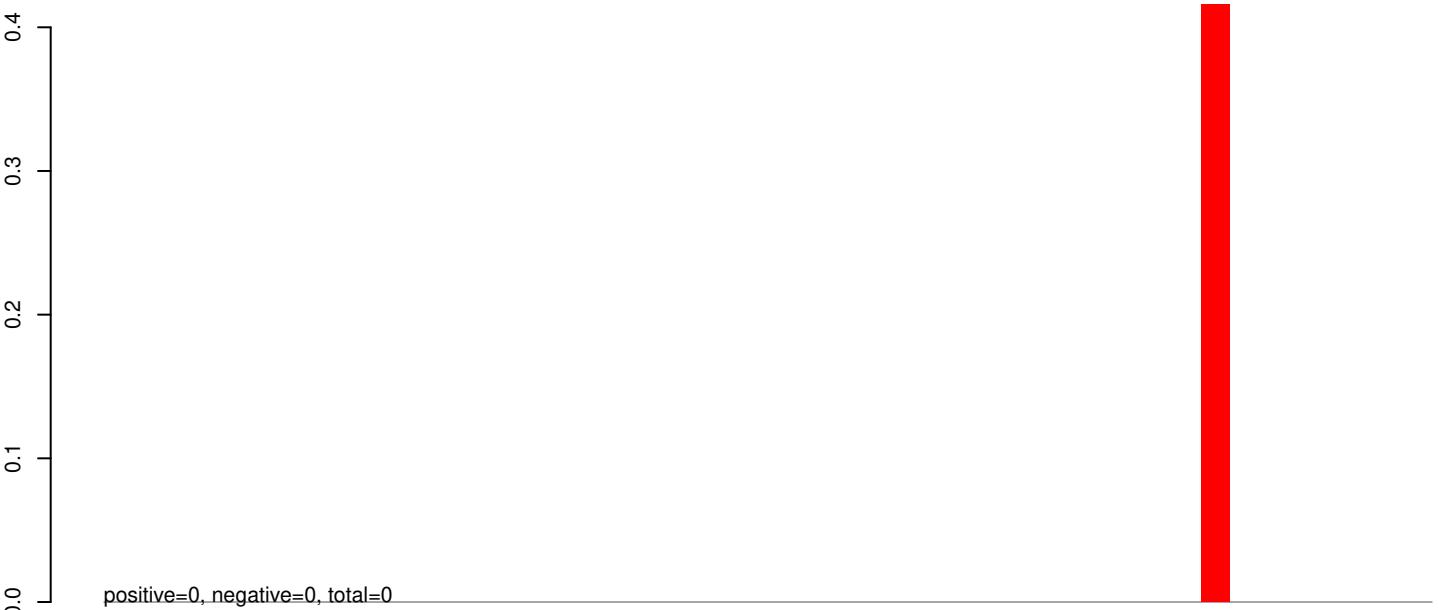
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



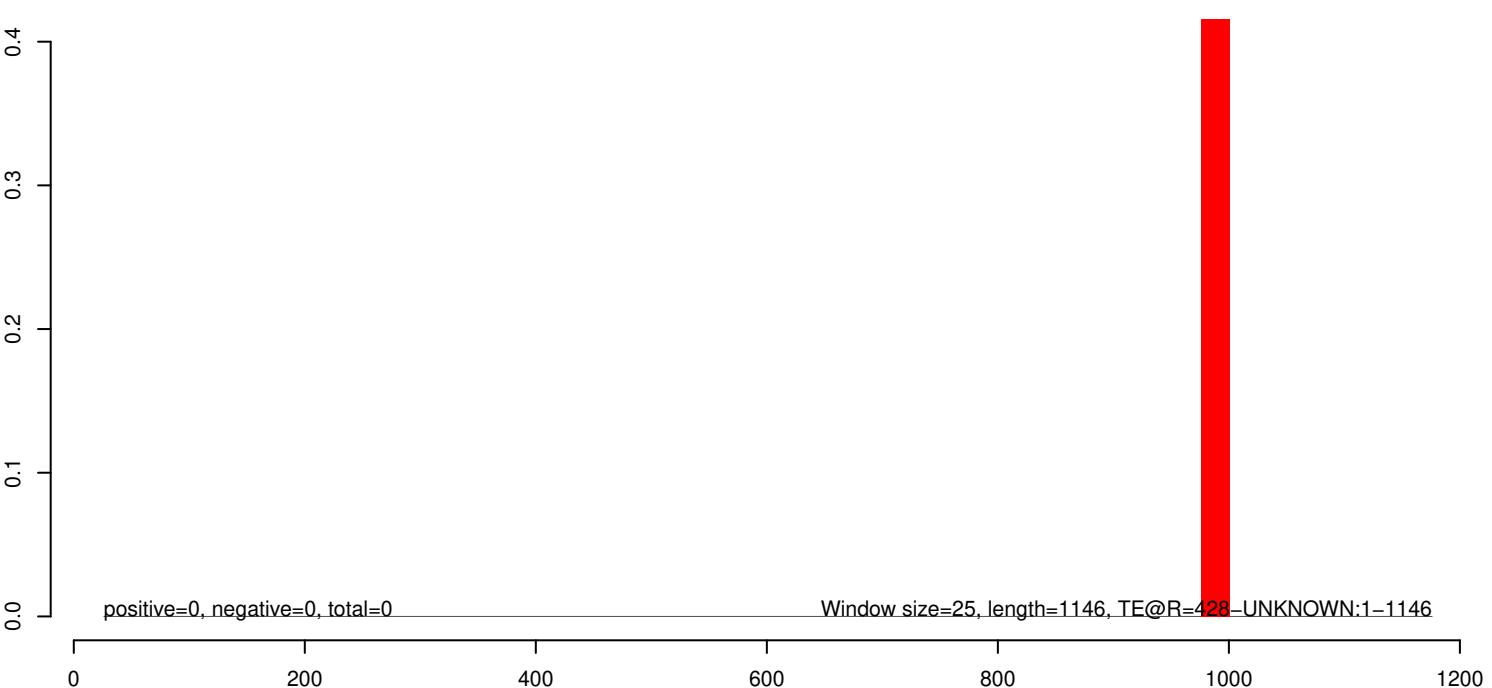
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



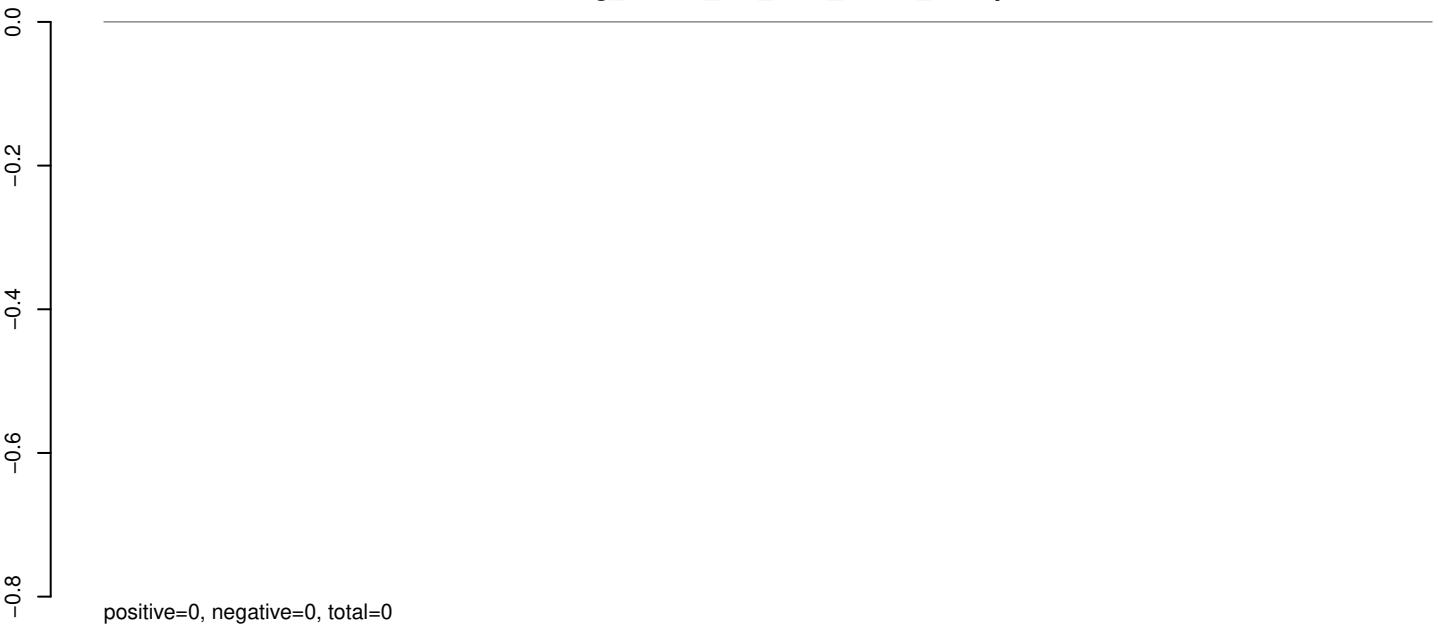
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



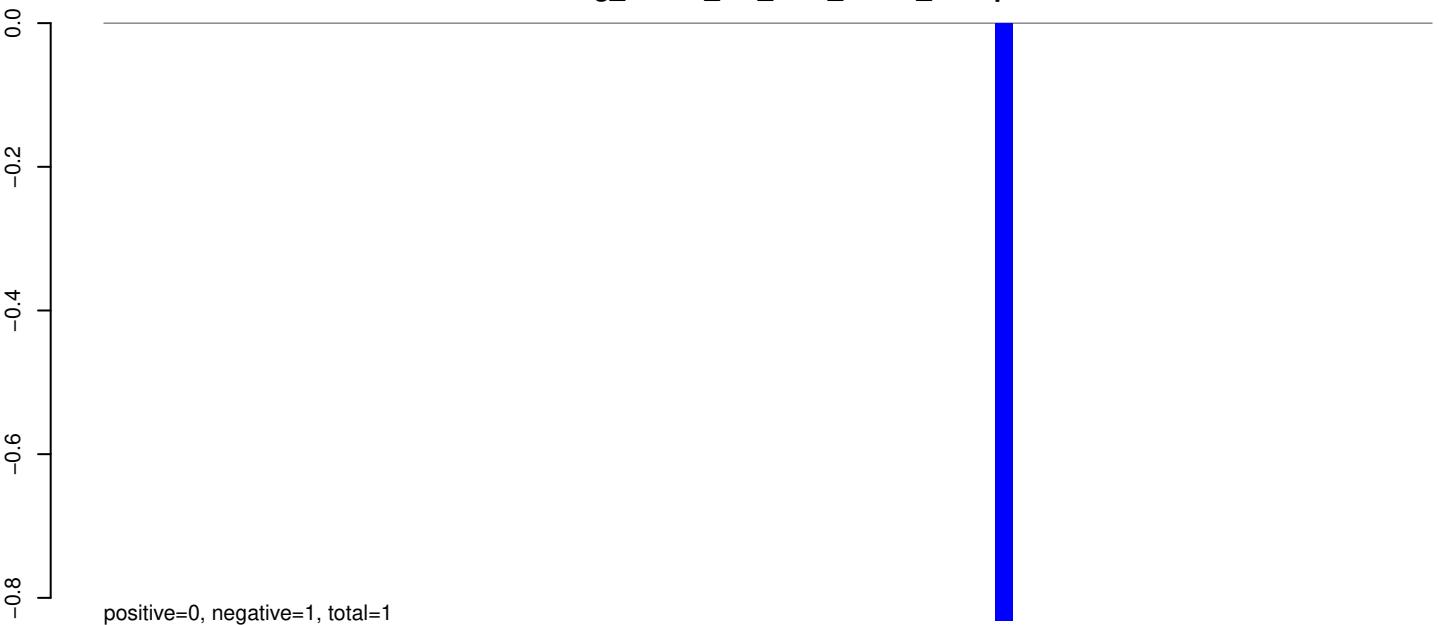
### AeAeg\_Whole\_sm\_r123\_JM.rep



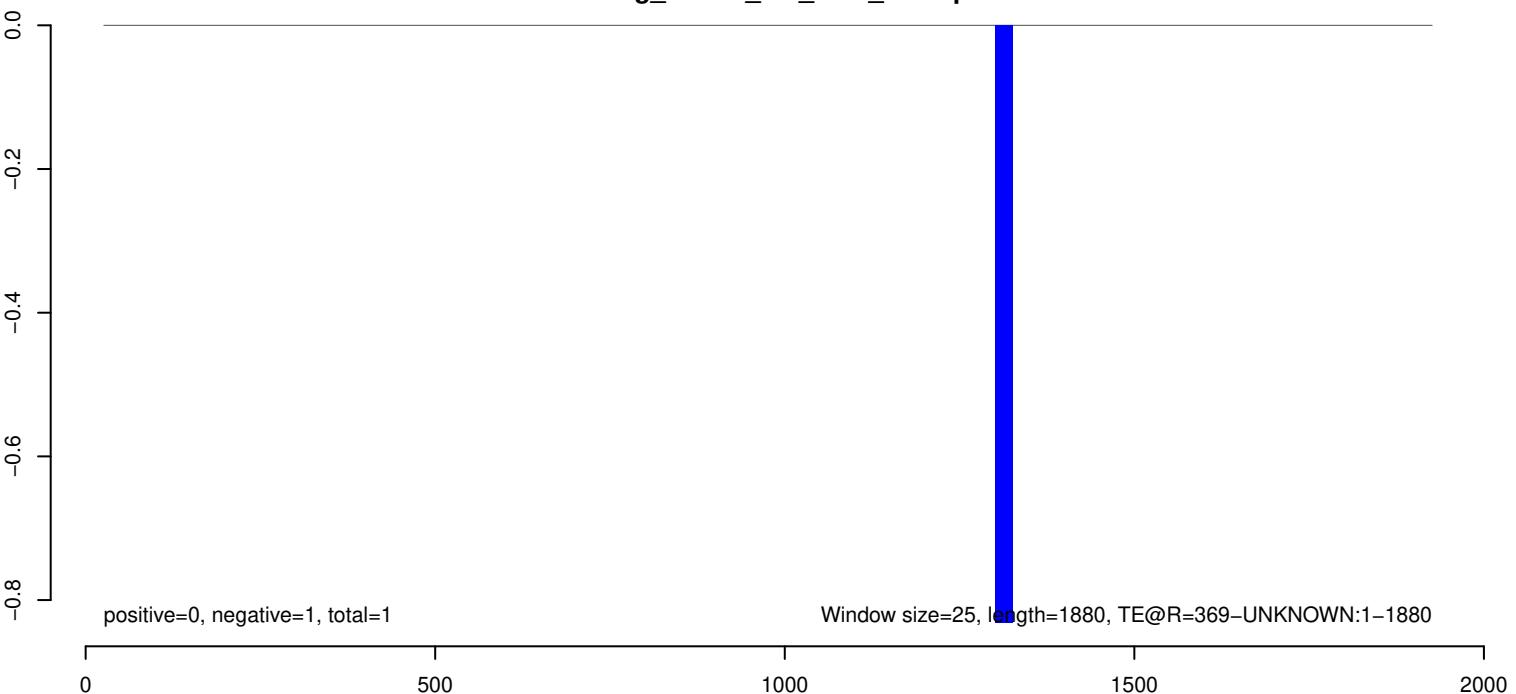
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.rep

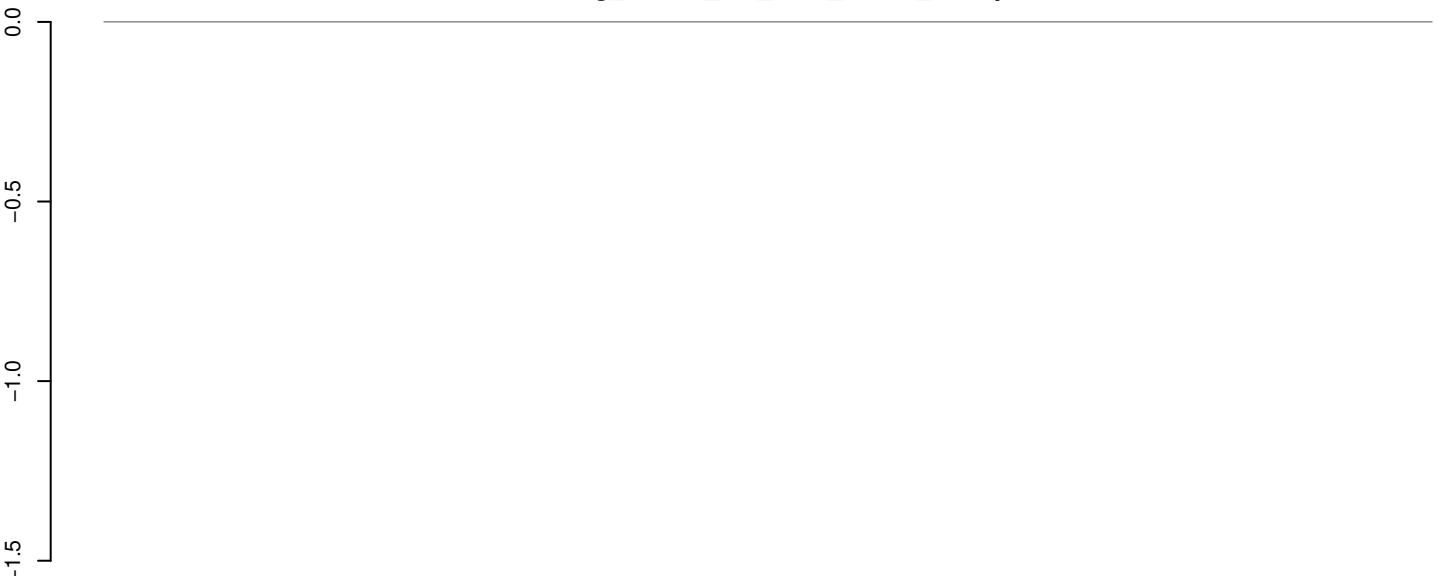
positive=0, negative=0, total=0

Window size=25, length=1937, TE@R=292-UNKNOWN:1-1937

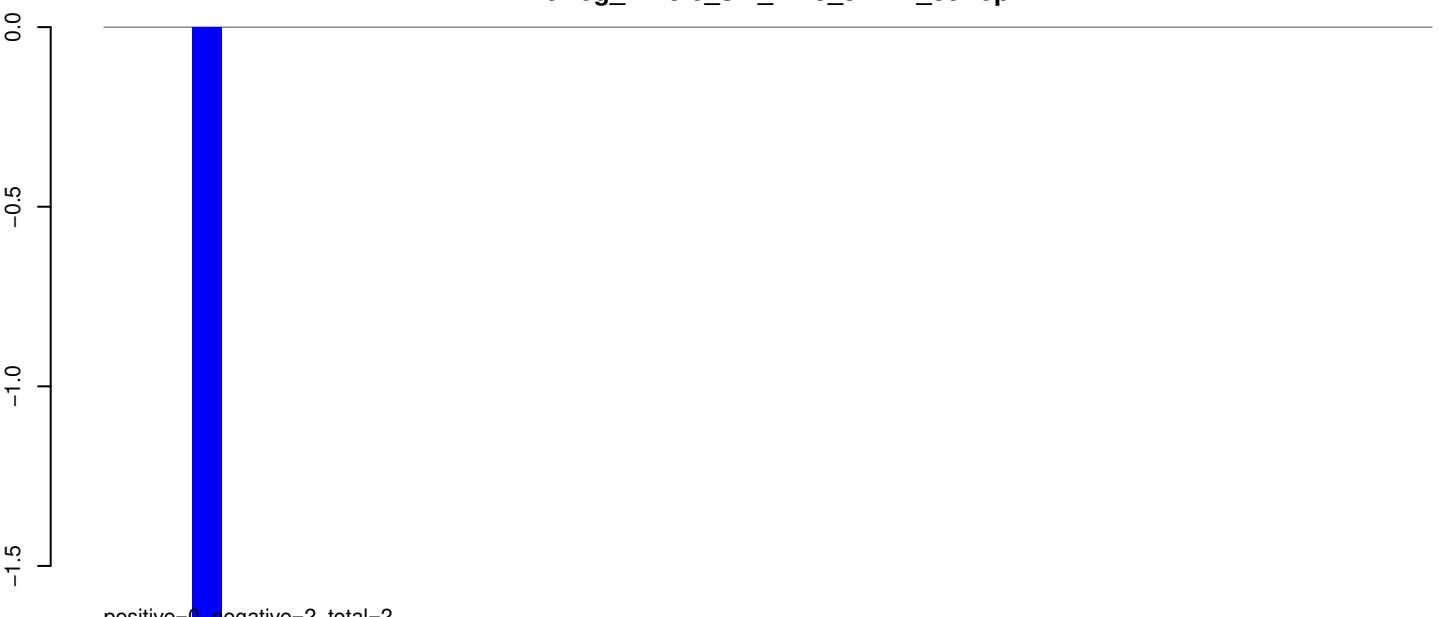


0 500 1000 1500 2000

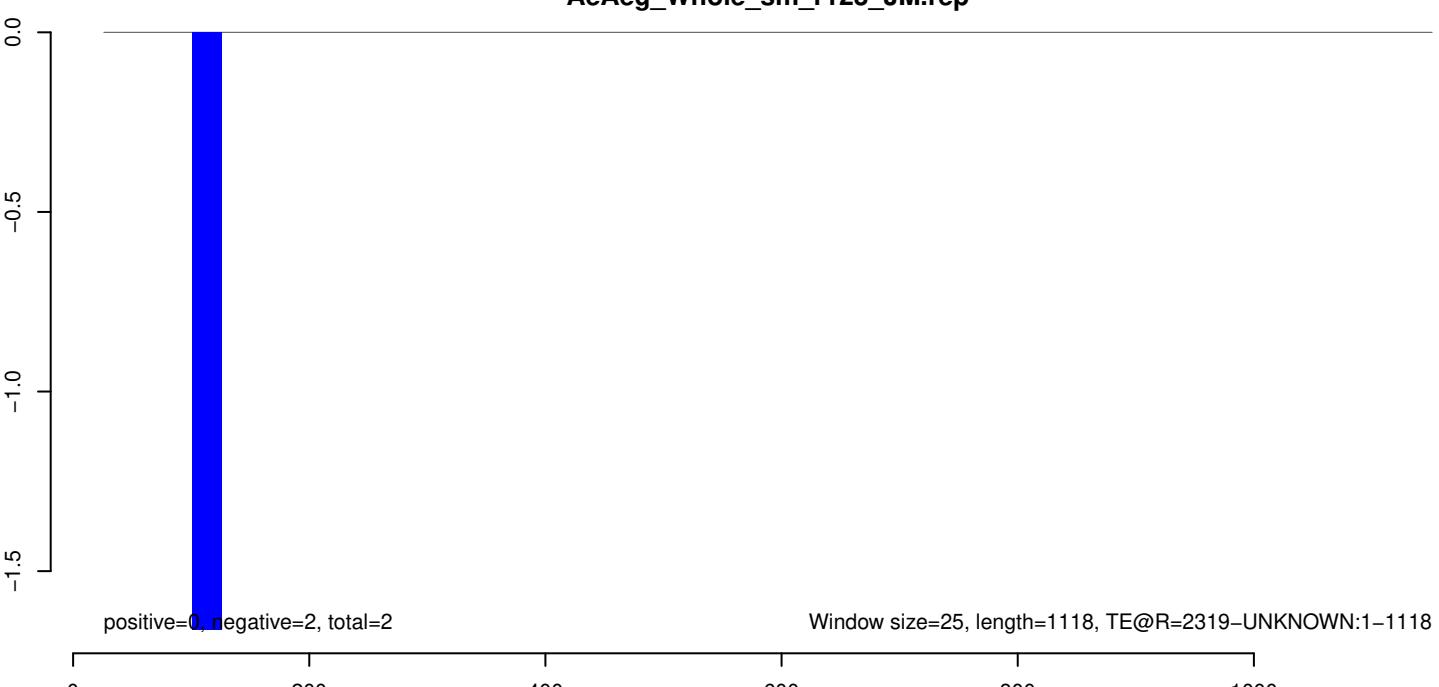
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0



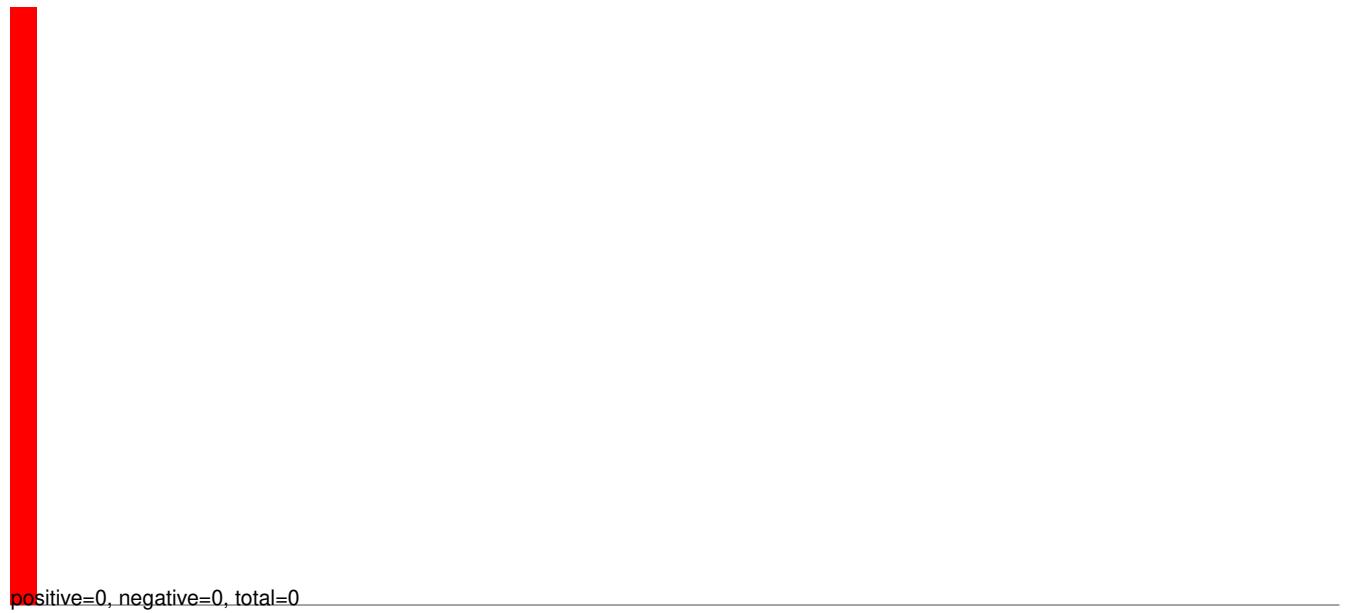
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=0, total=0

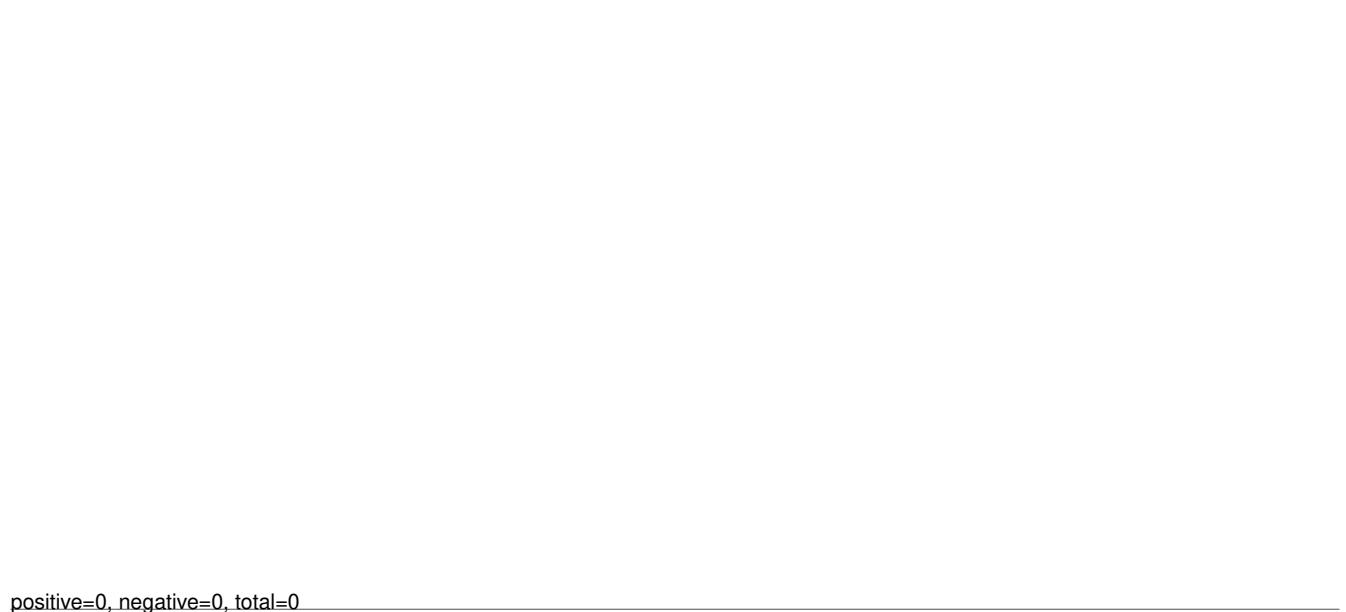
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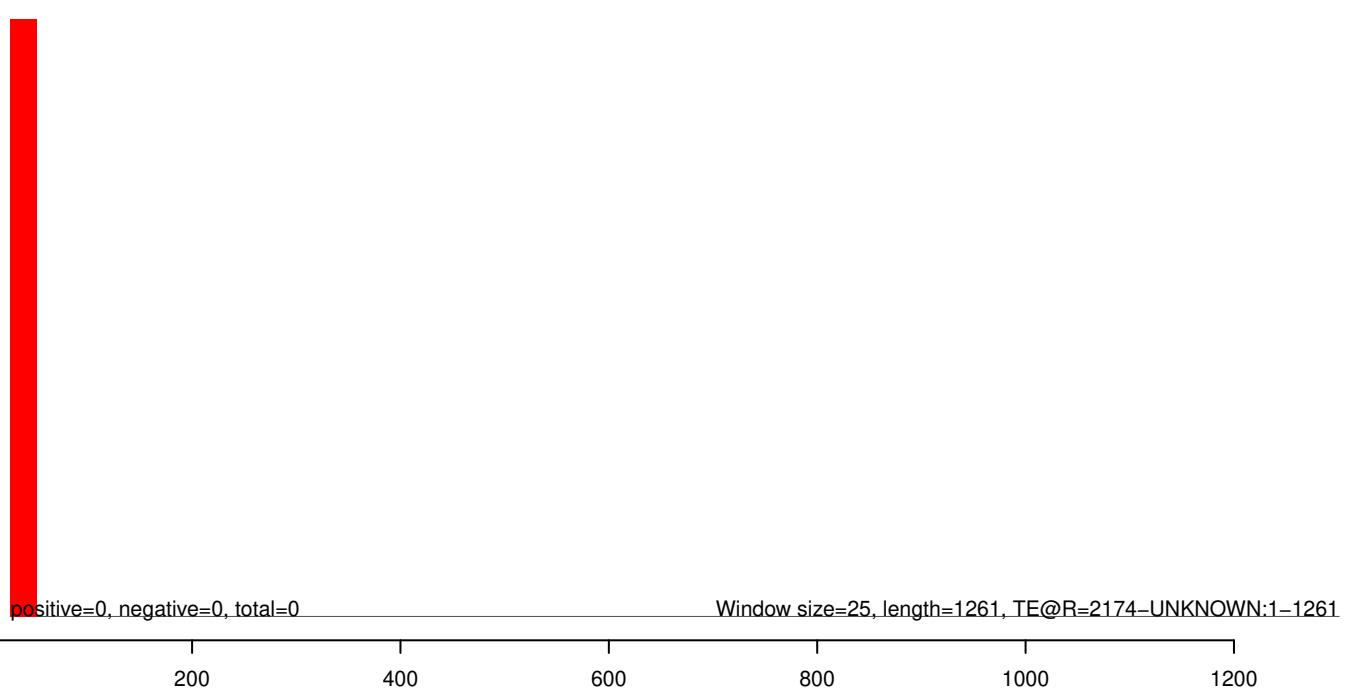
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



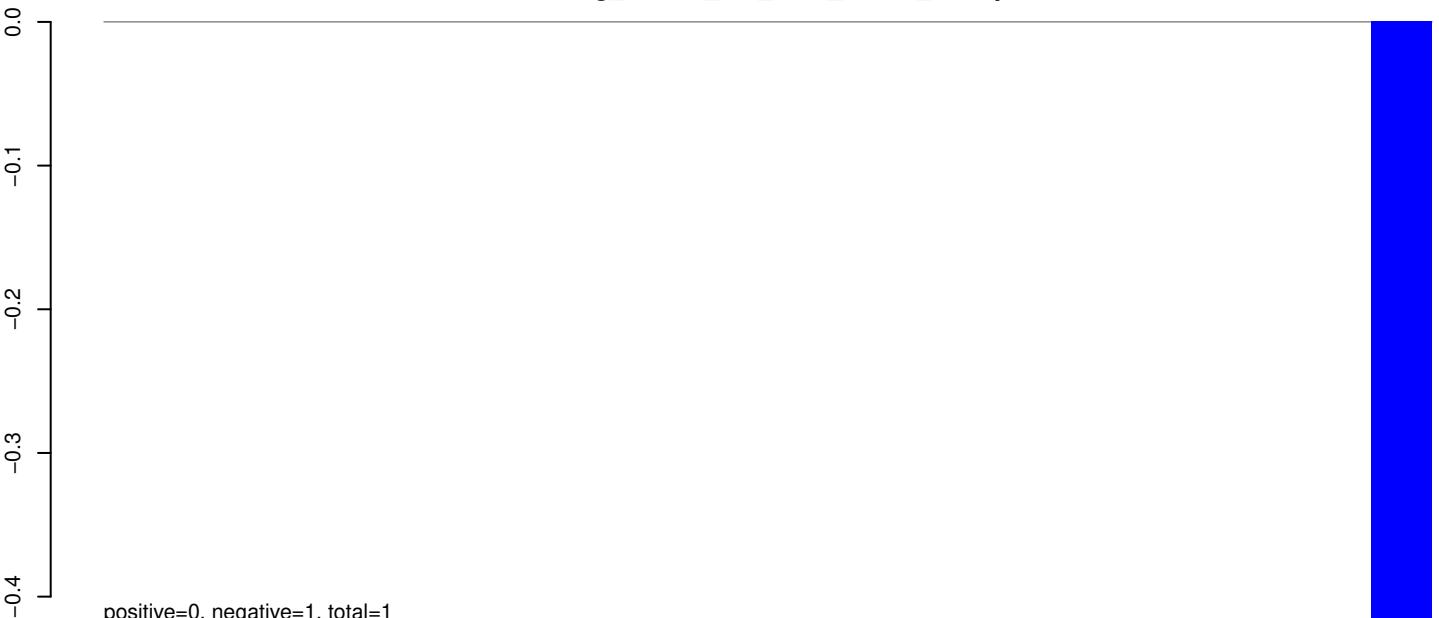
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



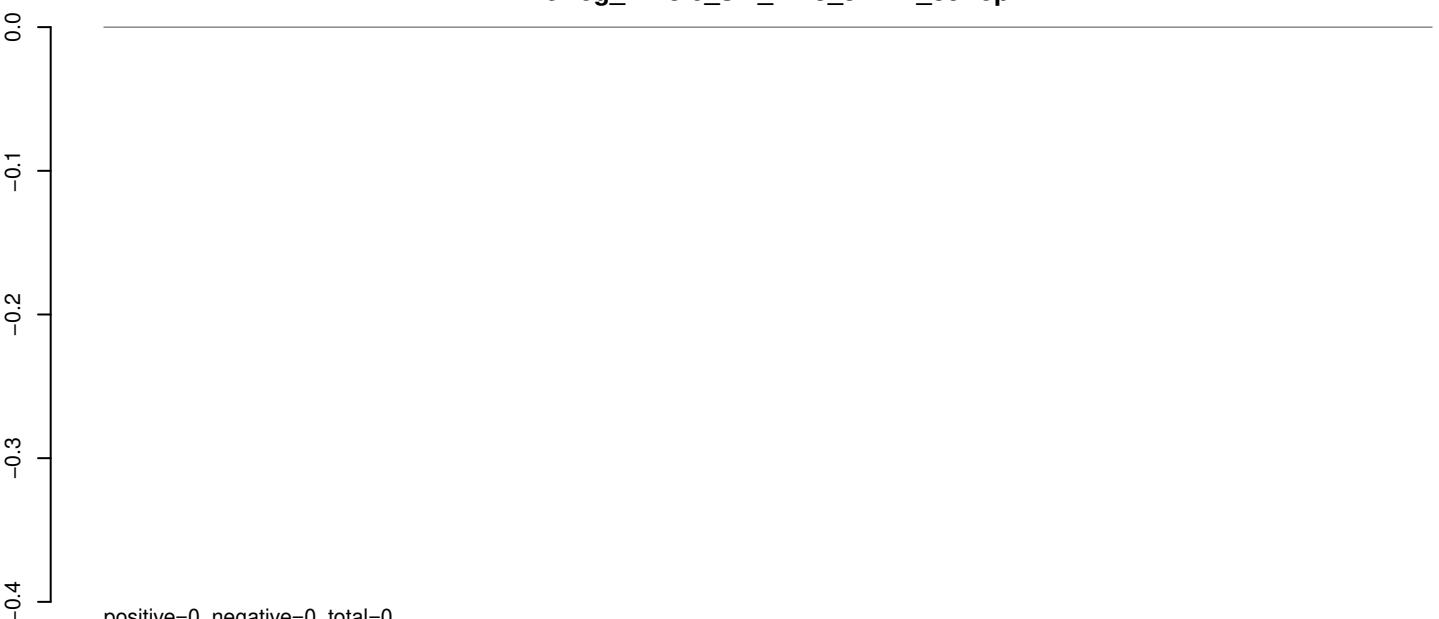
### AeAeg\_Whole\_sm\_r123\_JM.rep



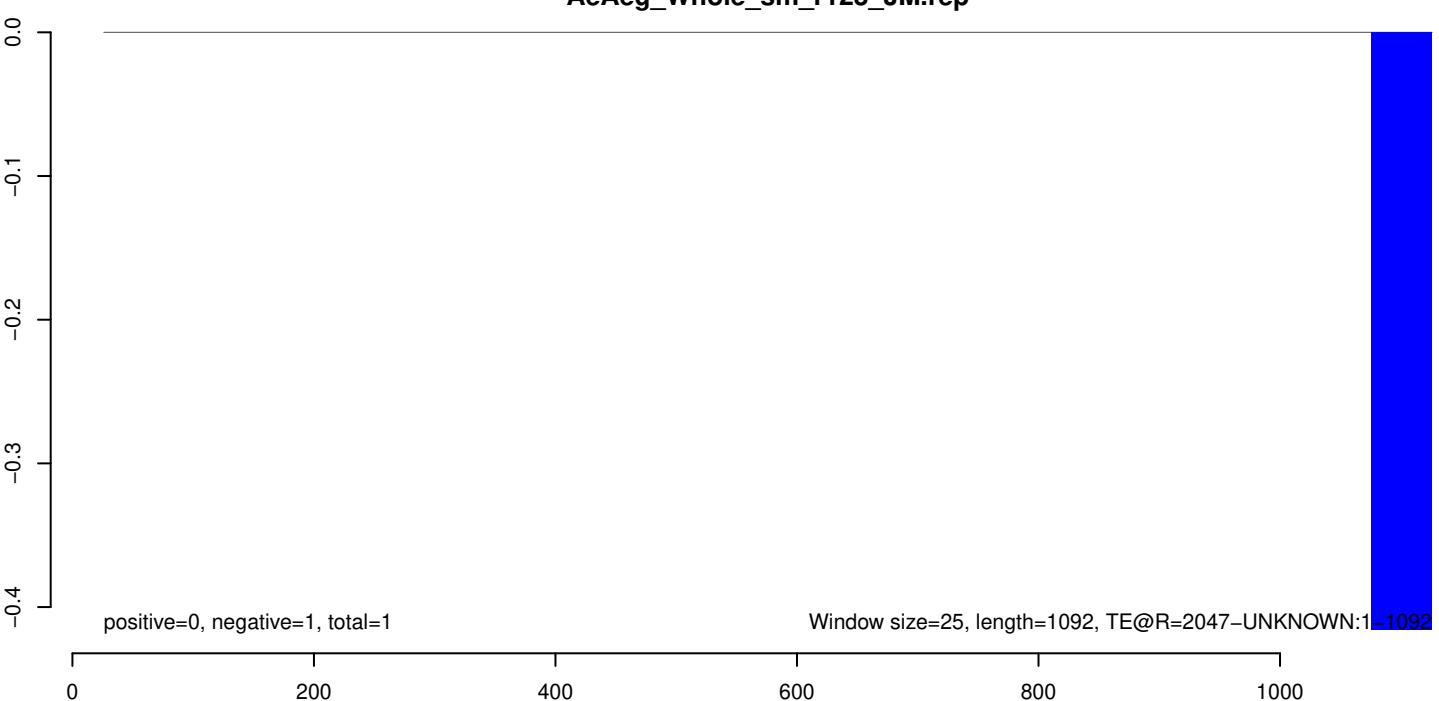
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



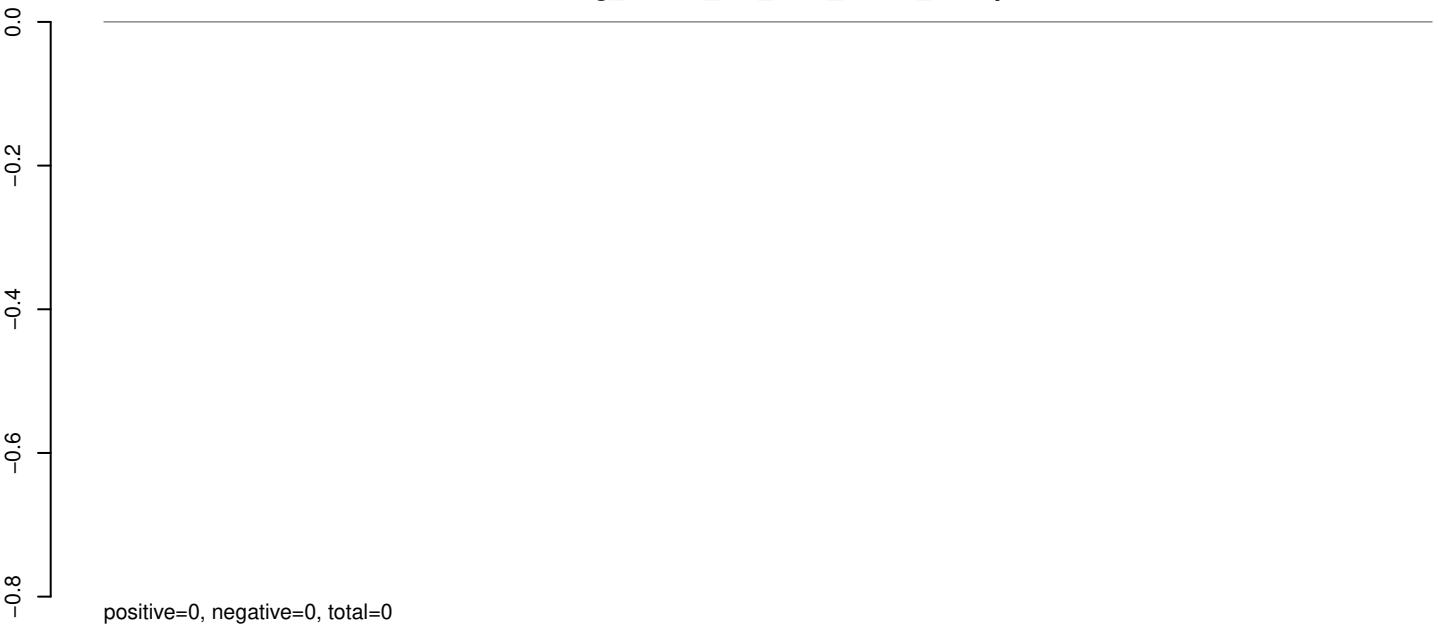
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



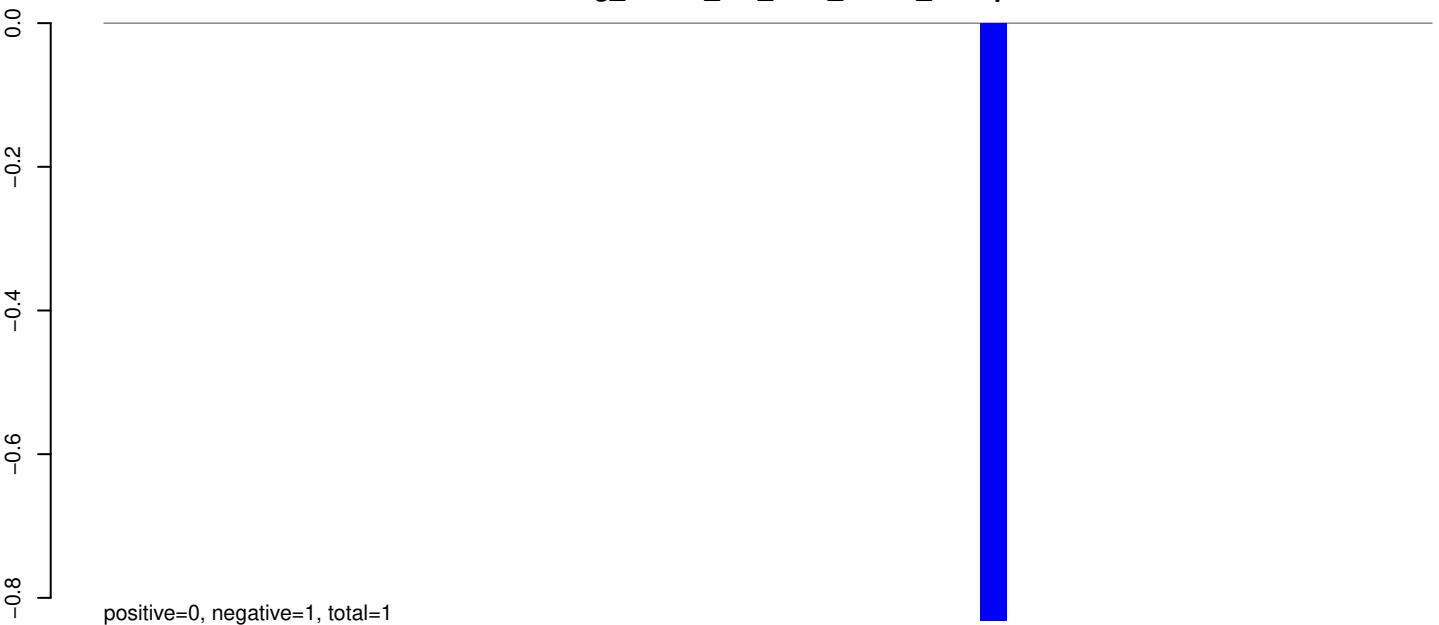
### AeAeg\_Whole\_sm\_r123\_JM.rep



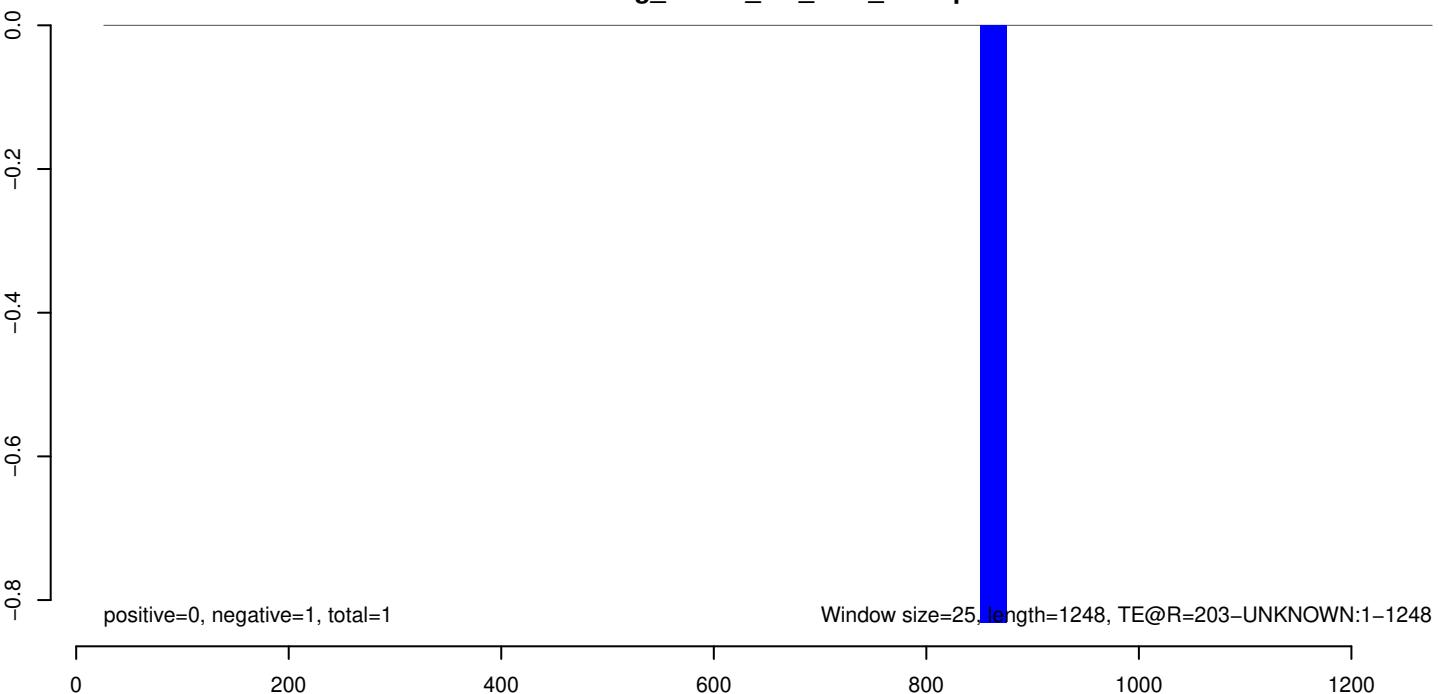
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



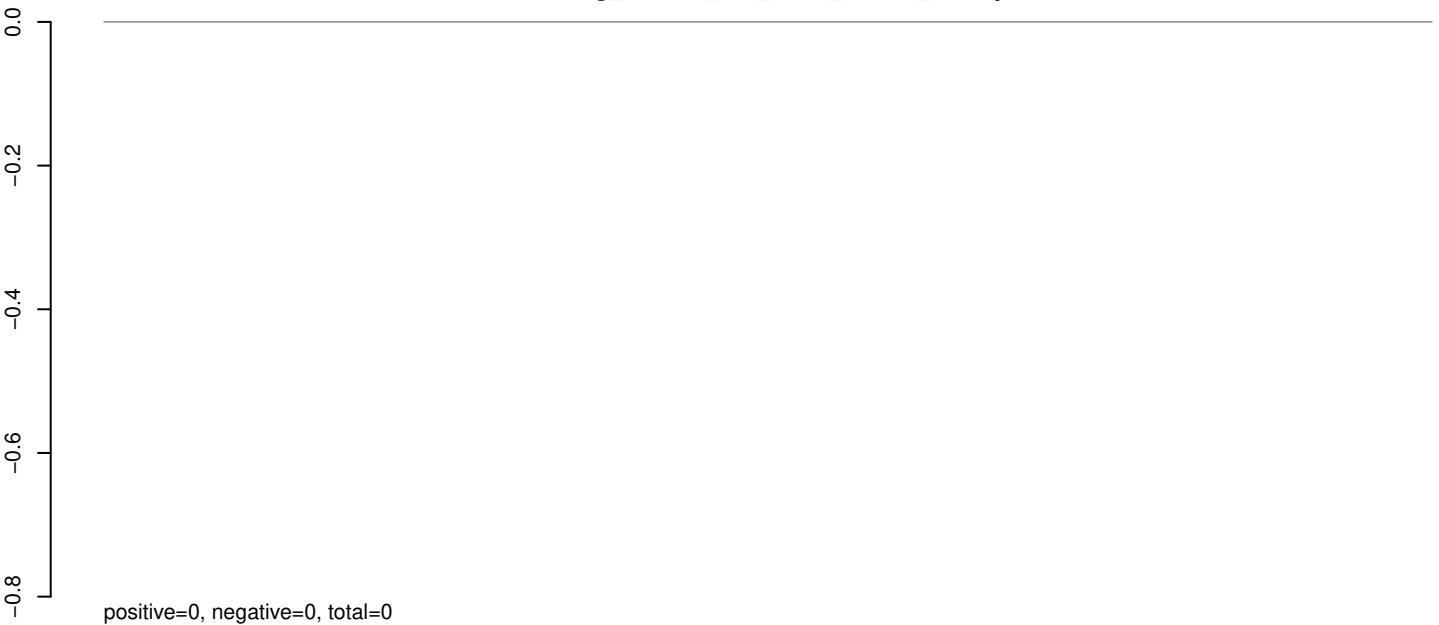
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



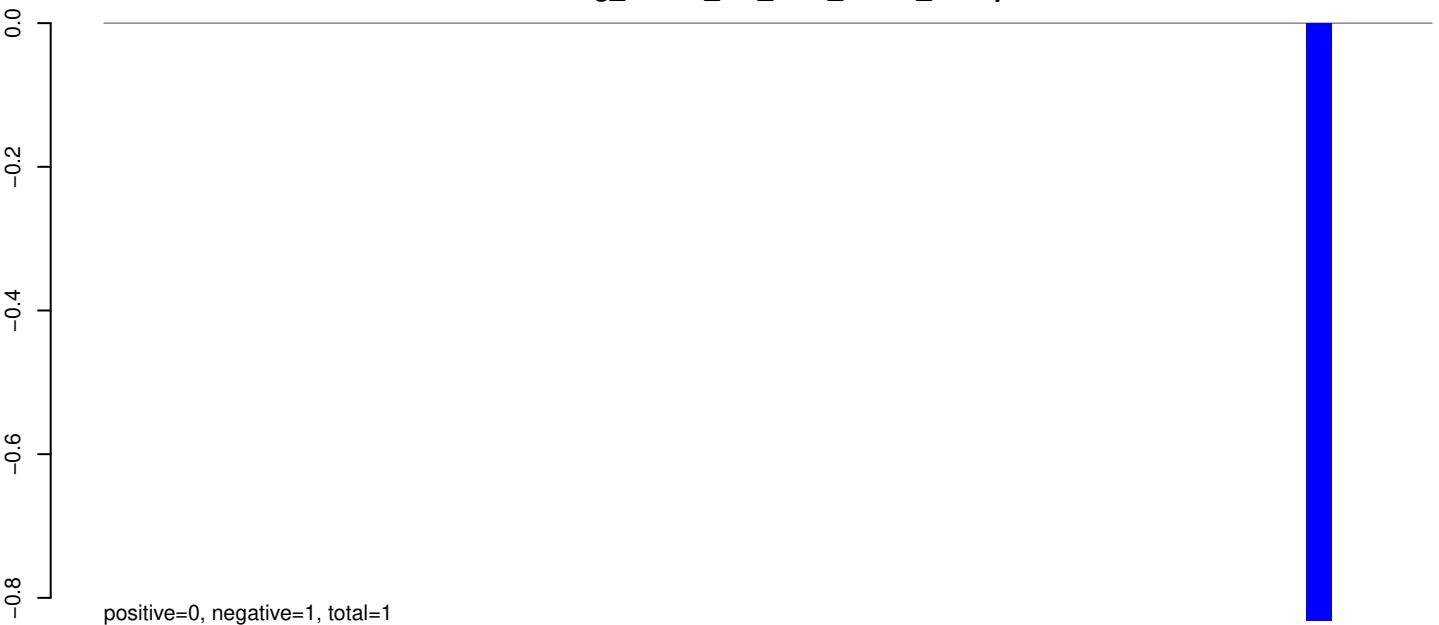
### AeAeg\_Whole\_sm\_r123\_JM.rep



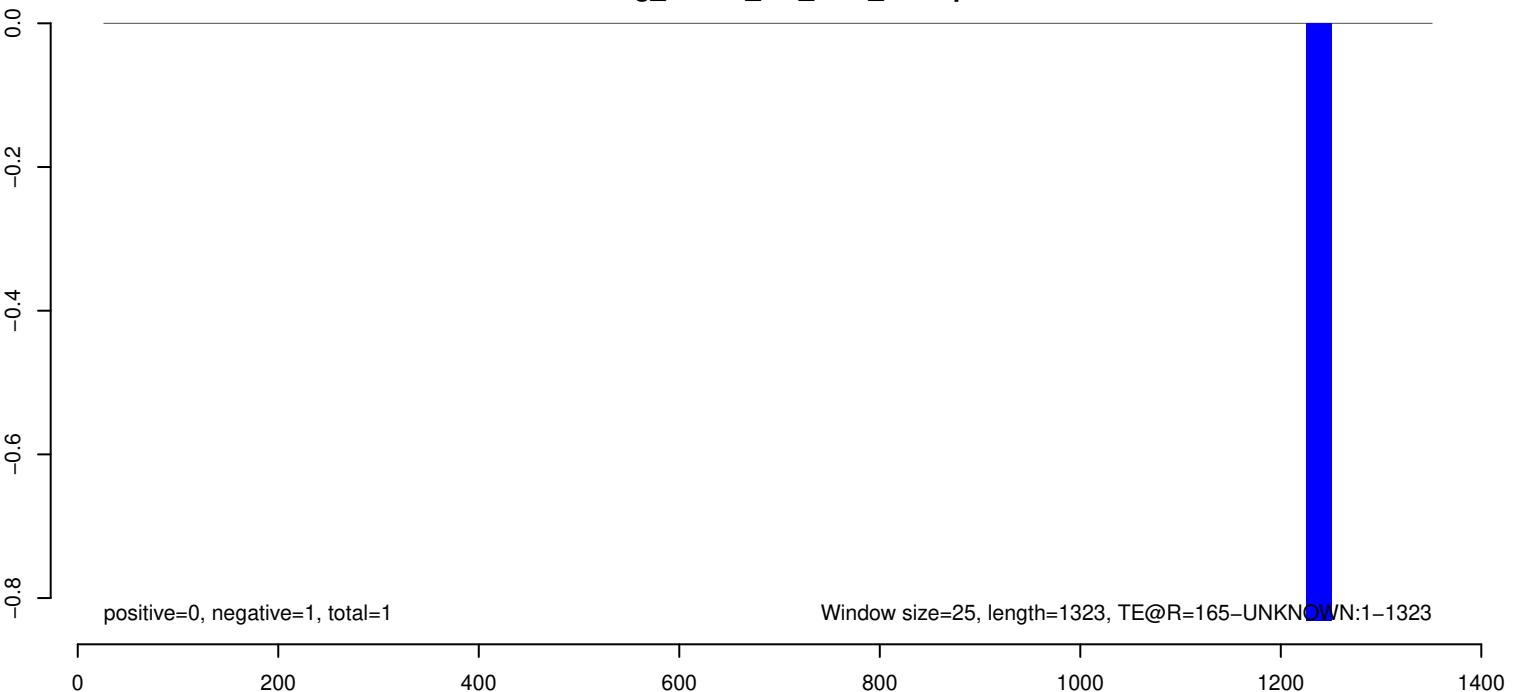
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



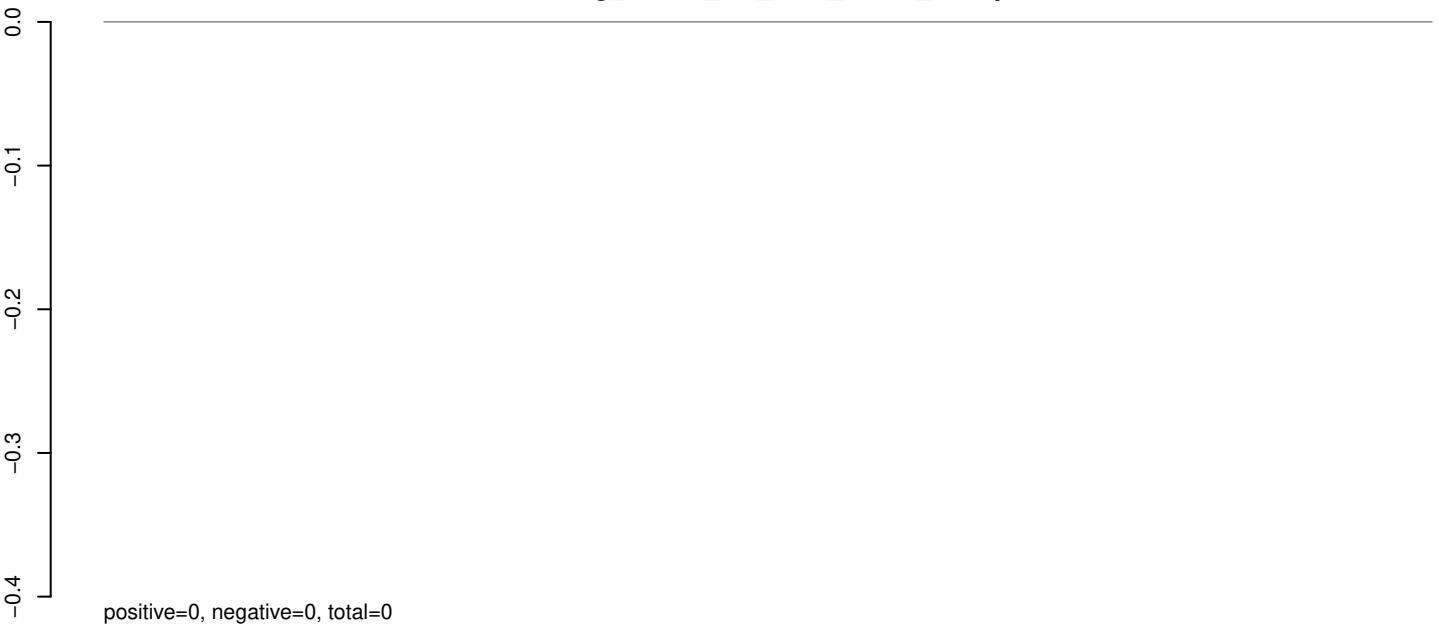
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



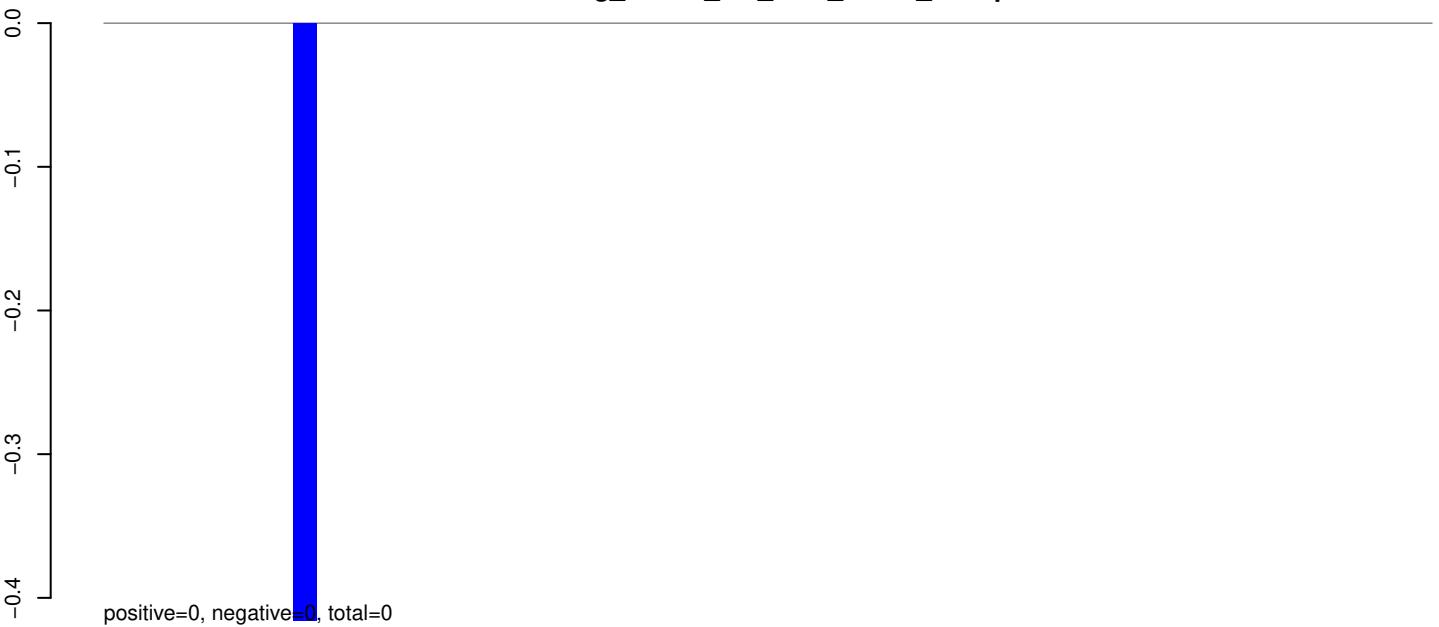
### AeAeg\_Whole\_sm\_r123\_JM.rep



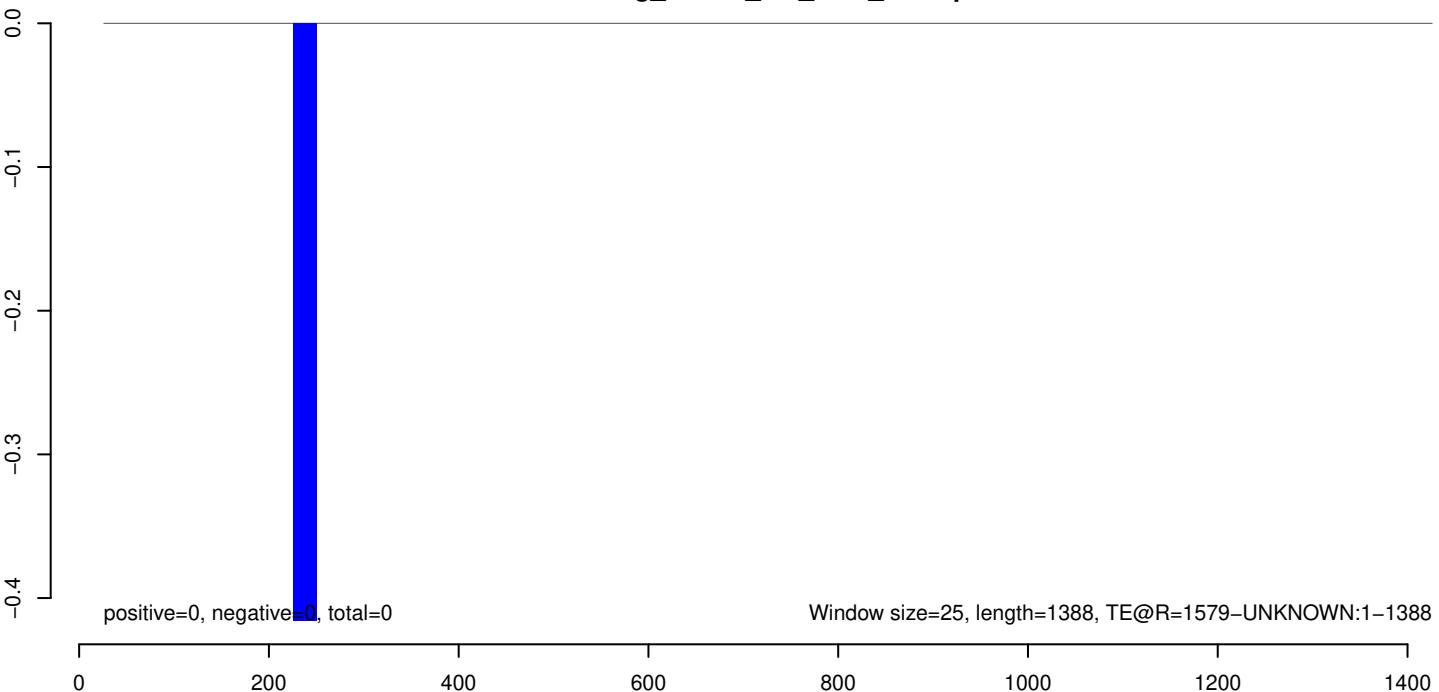
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



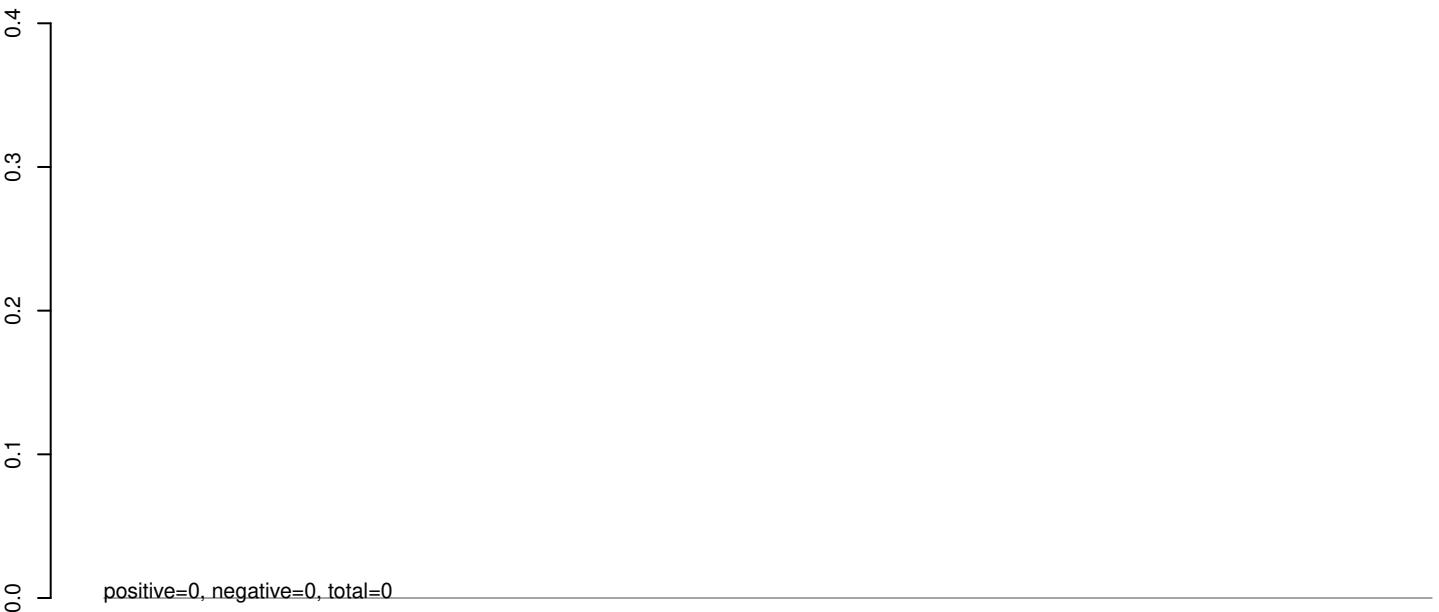
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



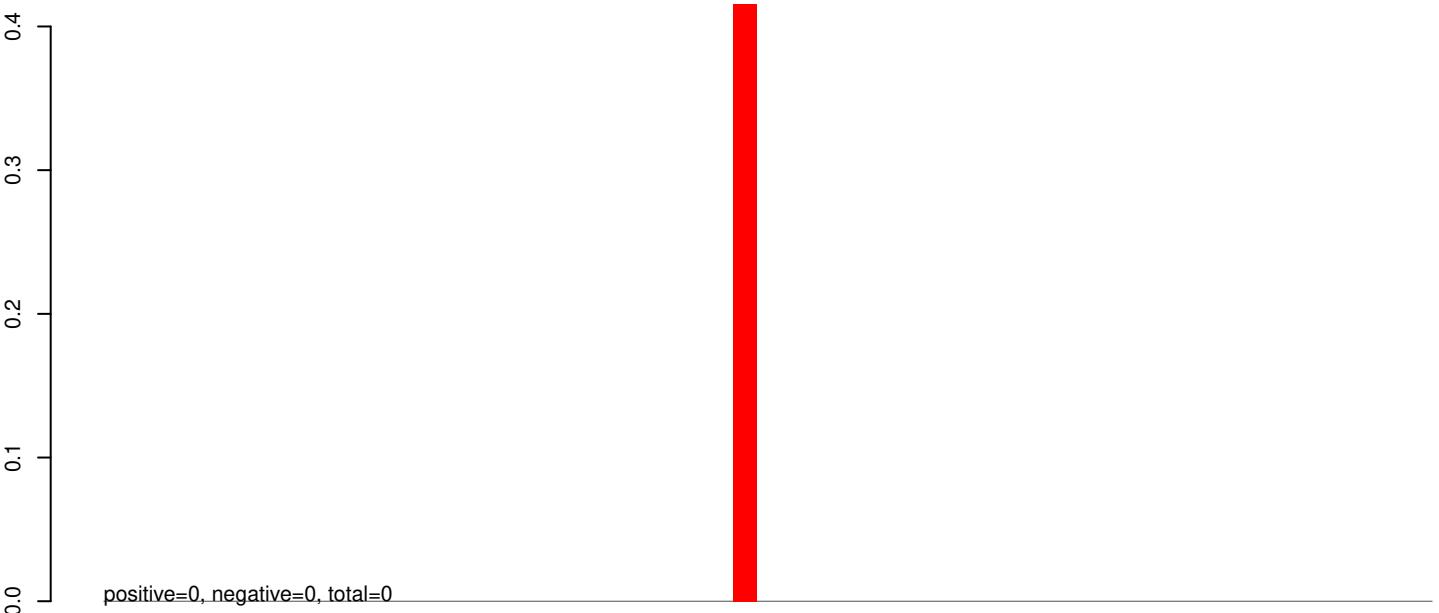
AeAeg\_Whole\_sm\_r123\_JM.rep



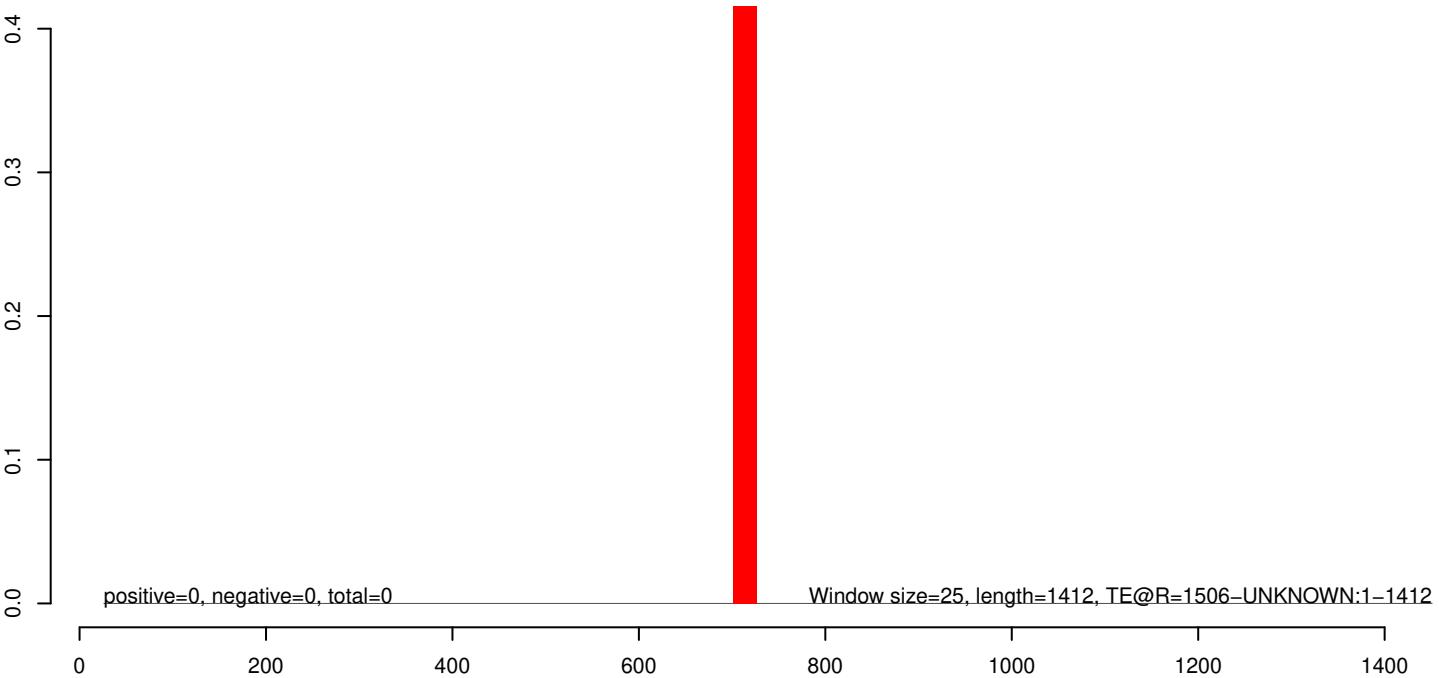
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



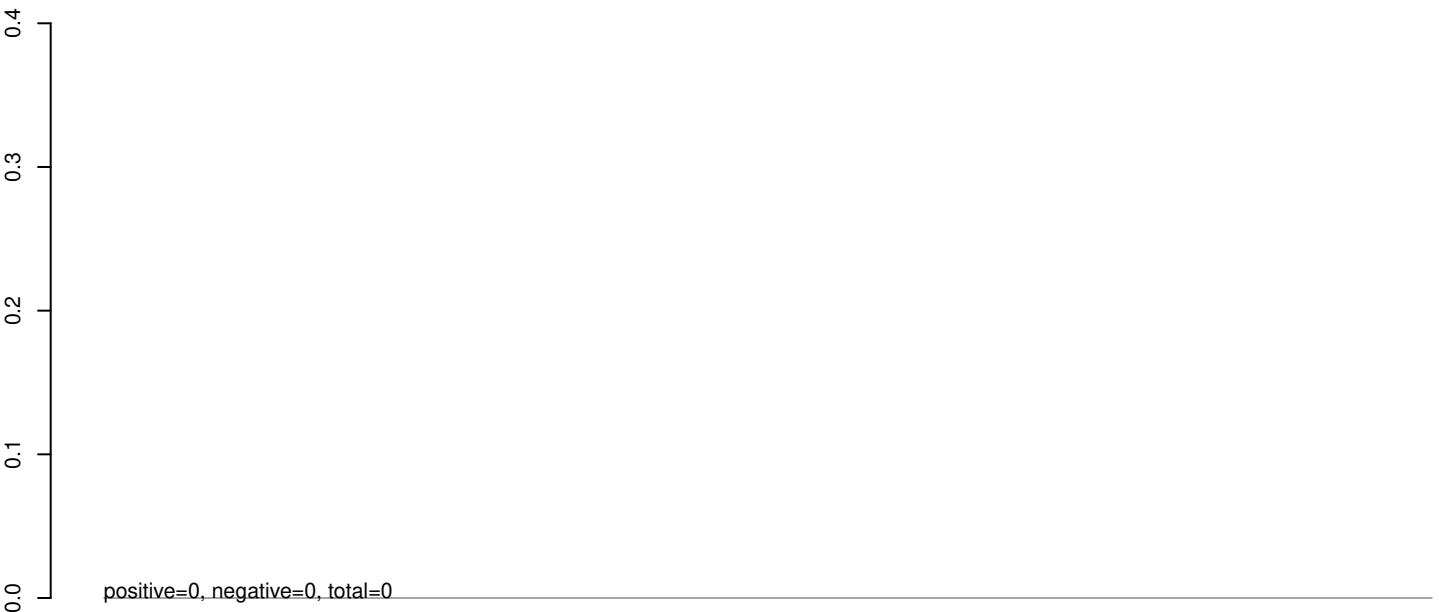
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



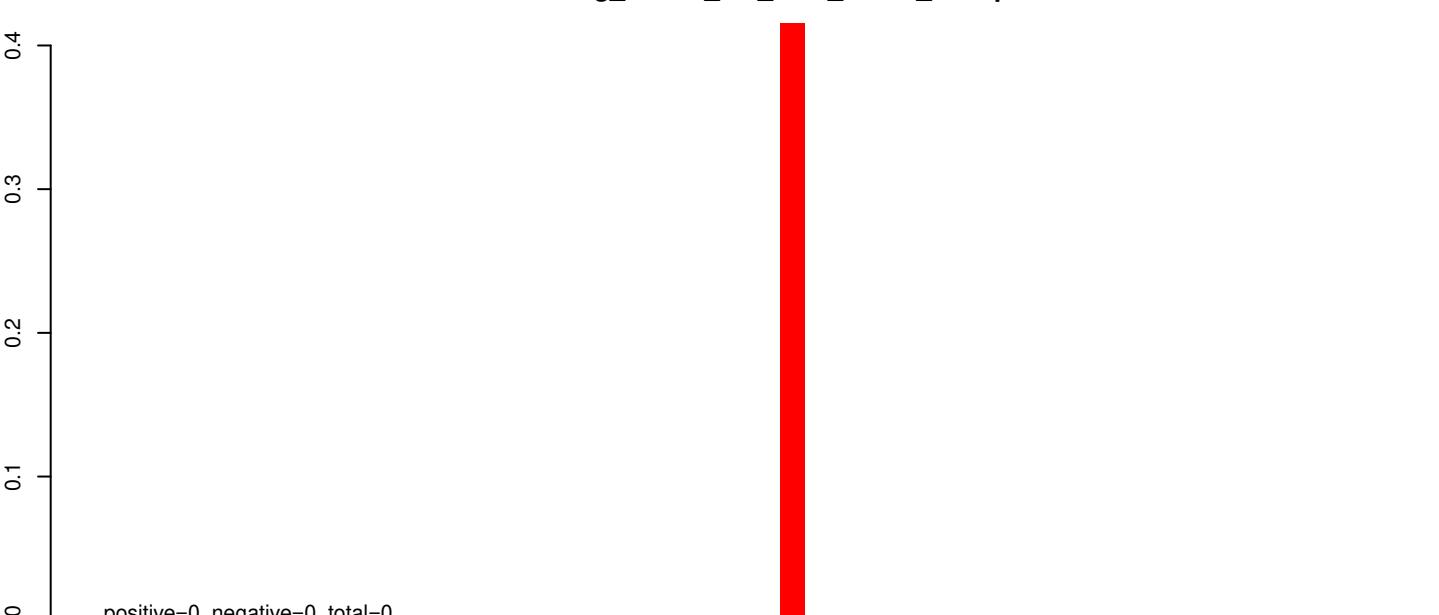
### AeAeg\_Whole\_sm\_r123\_JM.rep



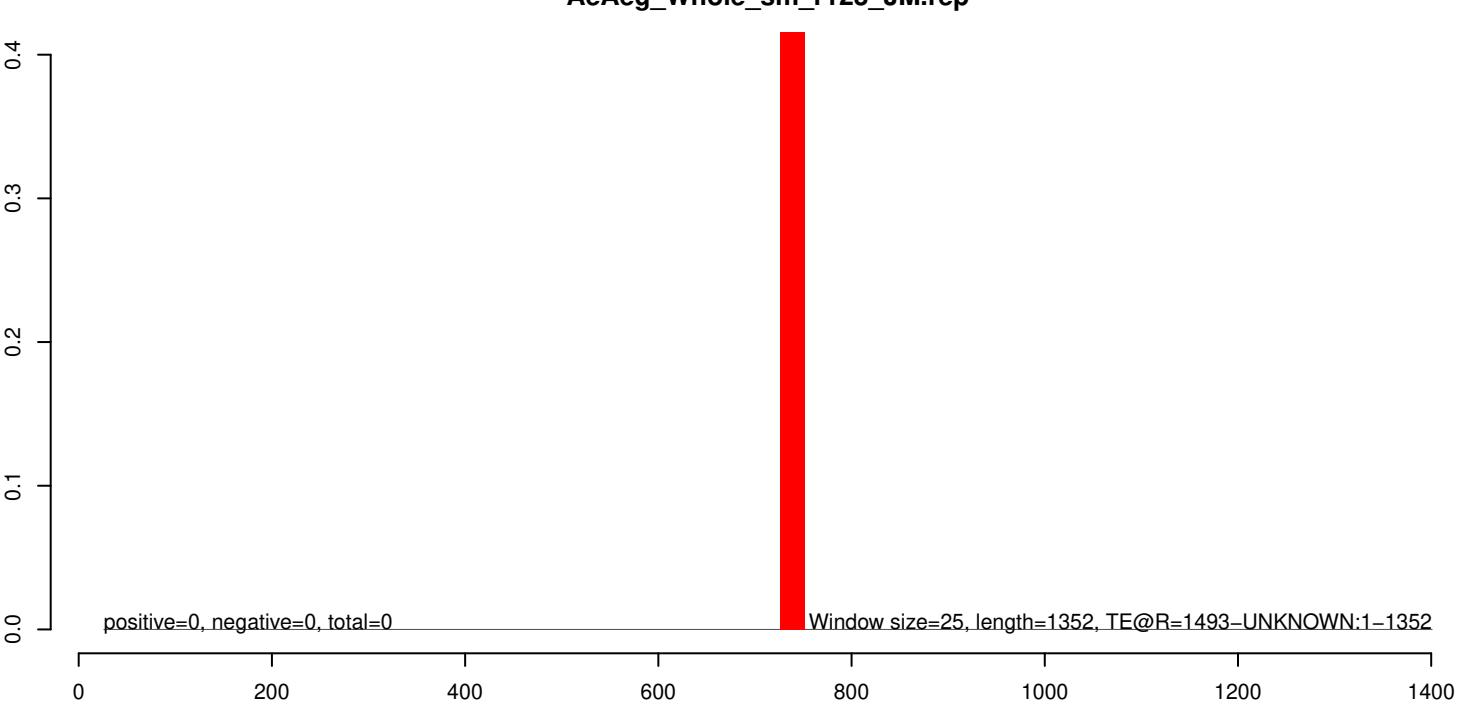
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



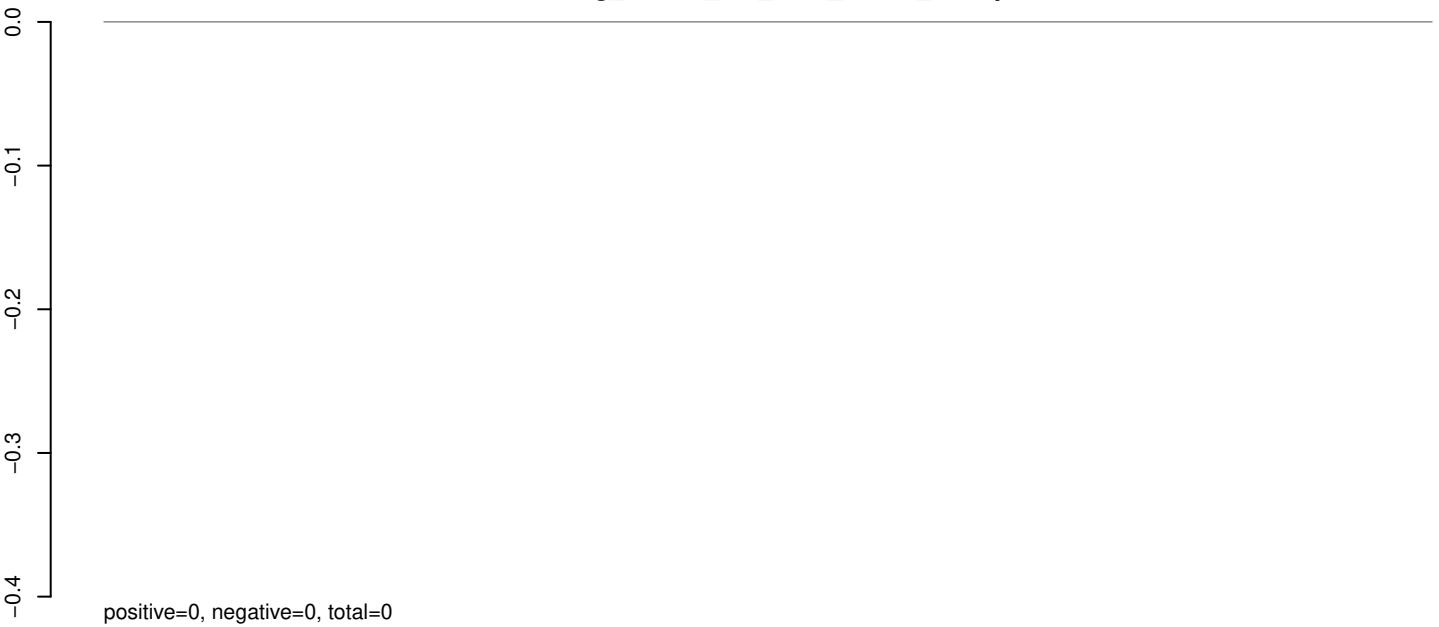
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



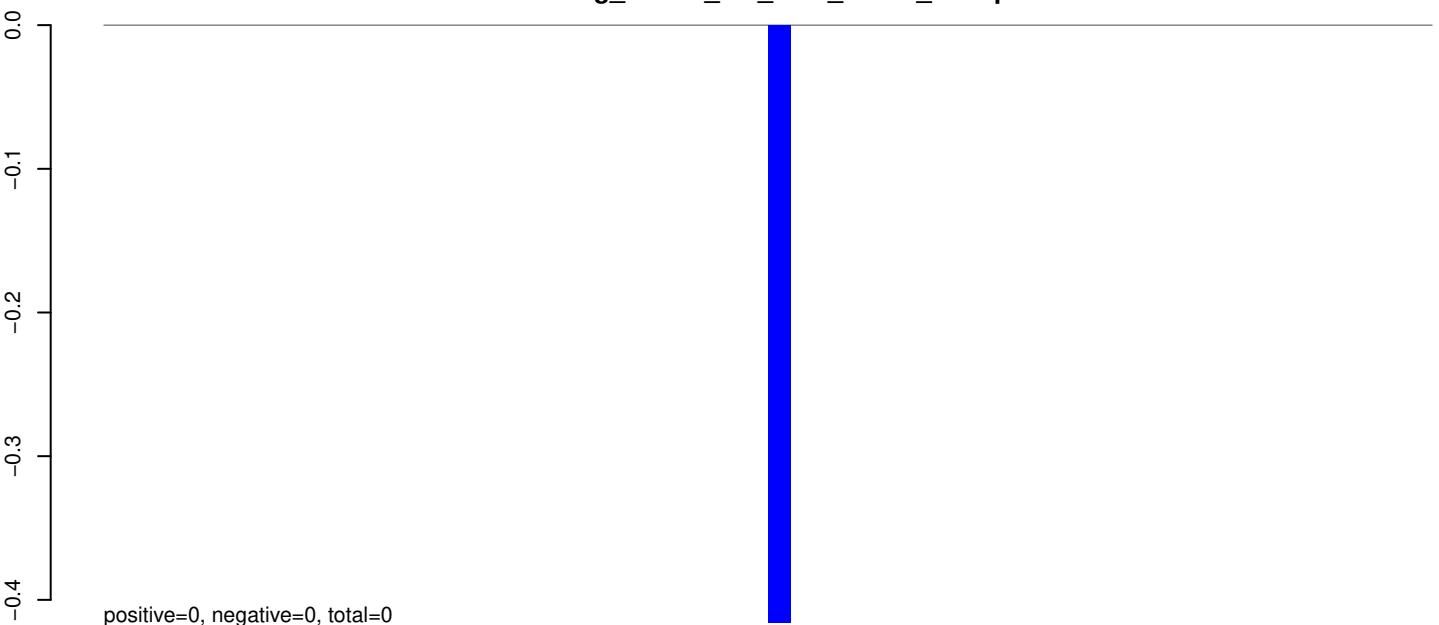
**AeAeg\_Whole\_sm\_r123\_JM.rep**



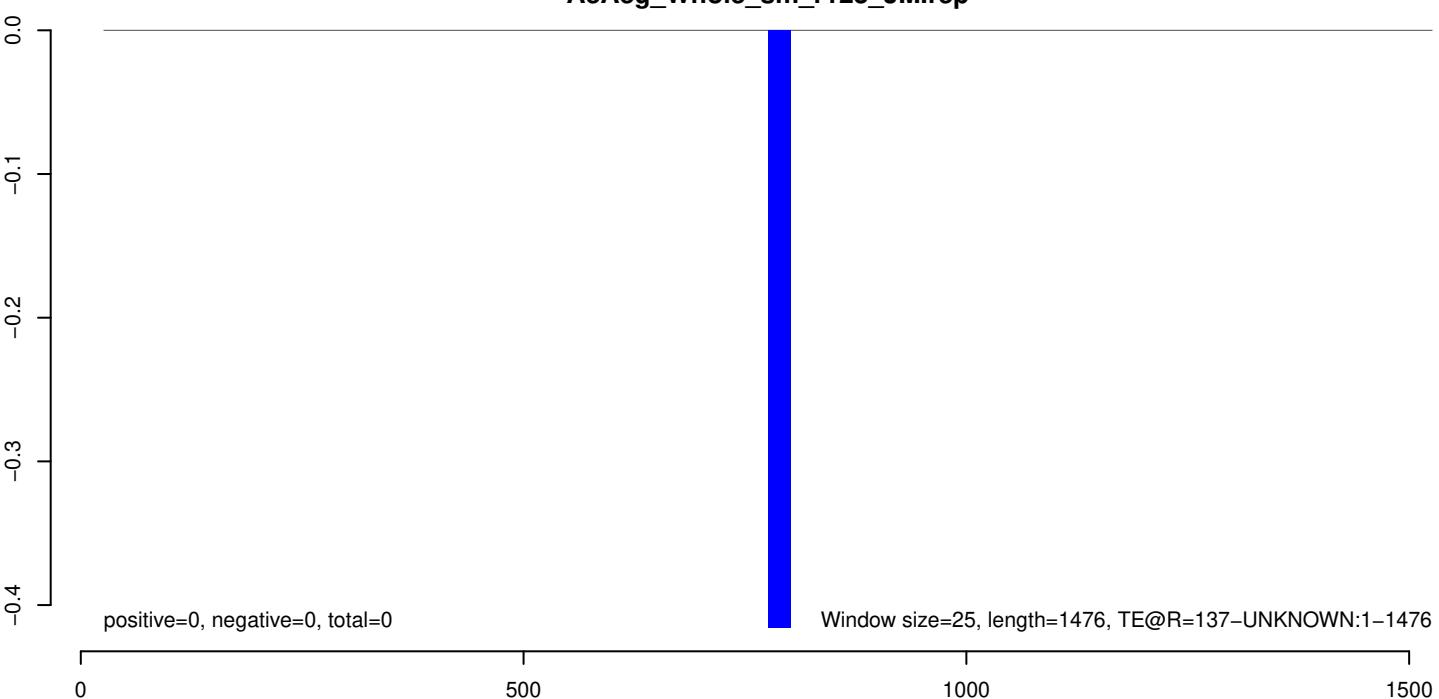
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



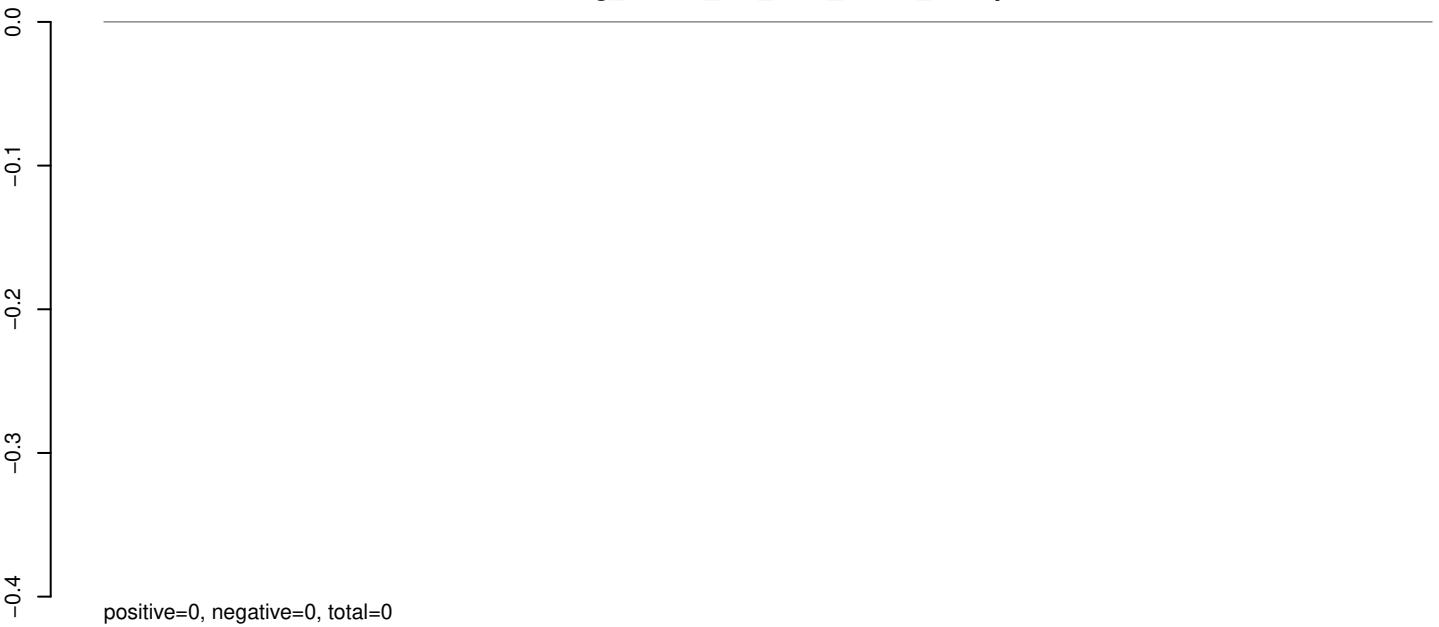
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



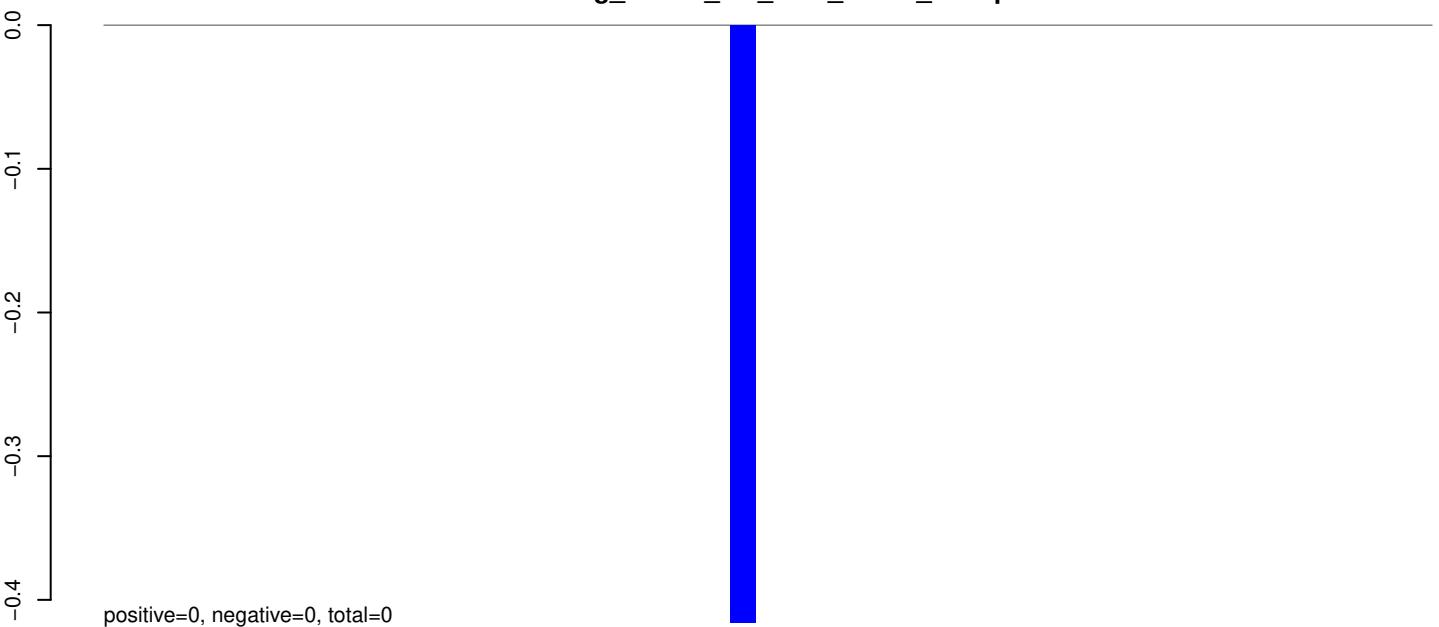
### AeAeg\_Whole\_sm\_r123\_JM.rep



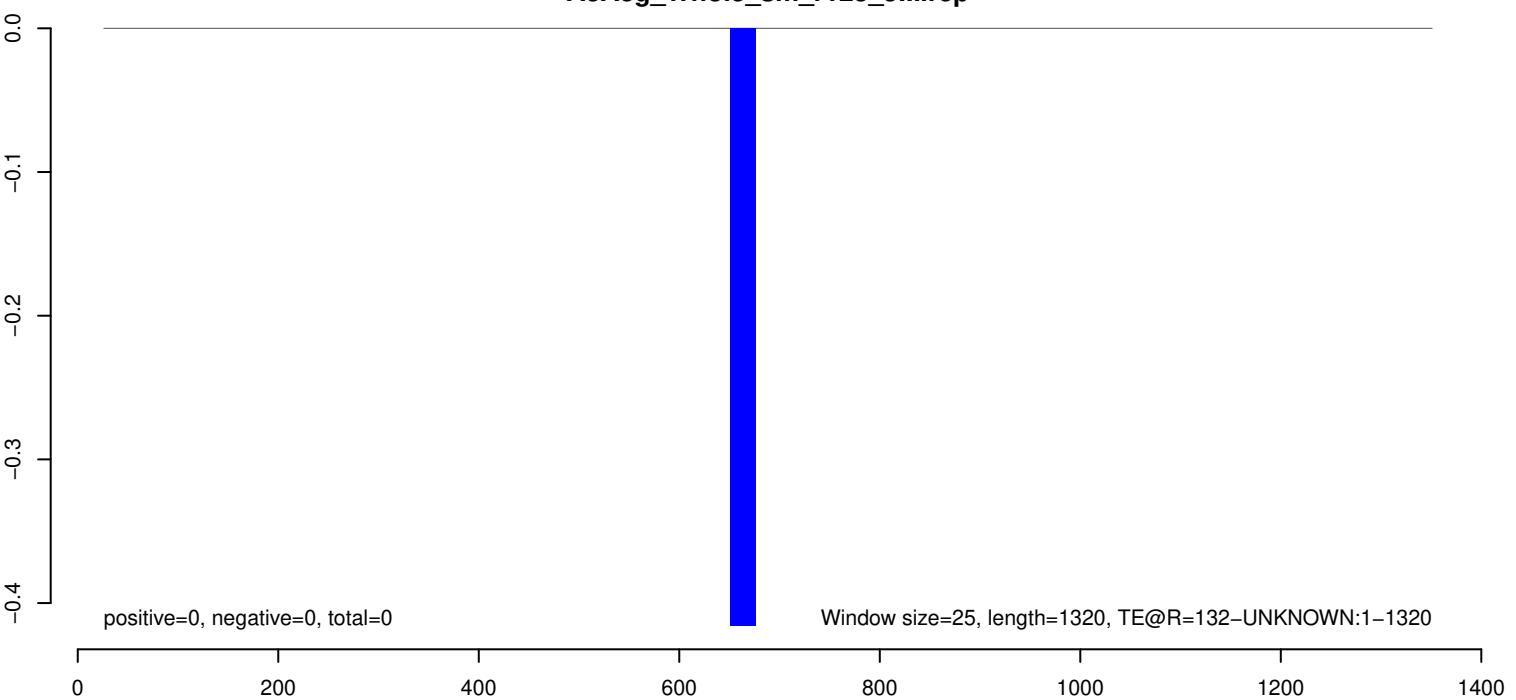
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



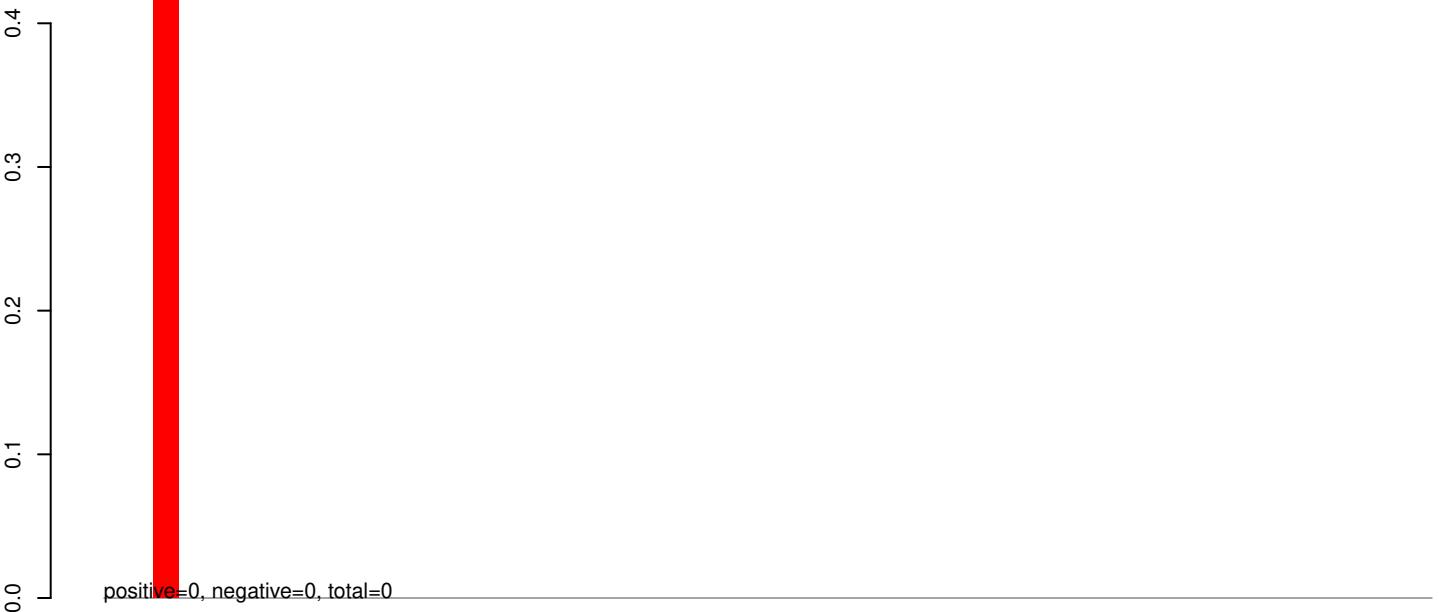
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



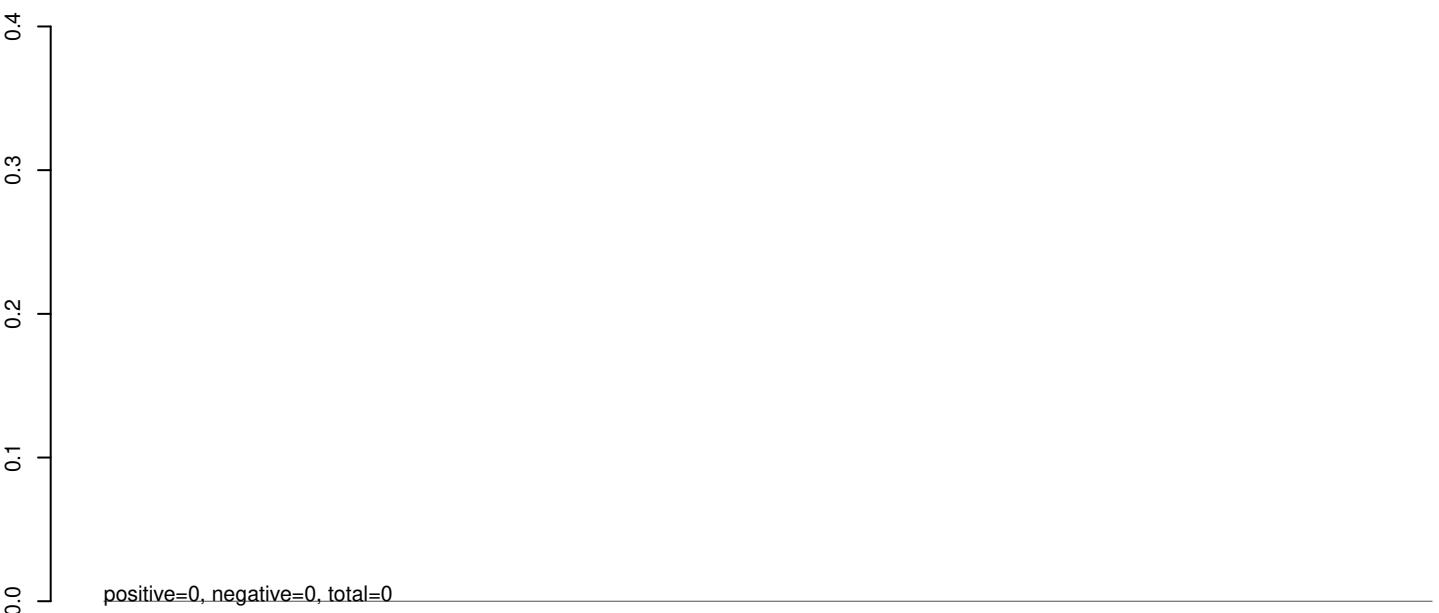
### AeAeg\_Whole\_sm\_r123\_JM.rep



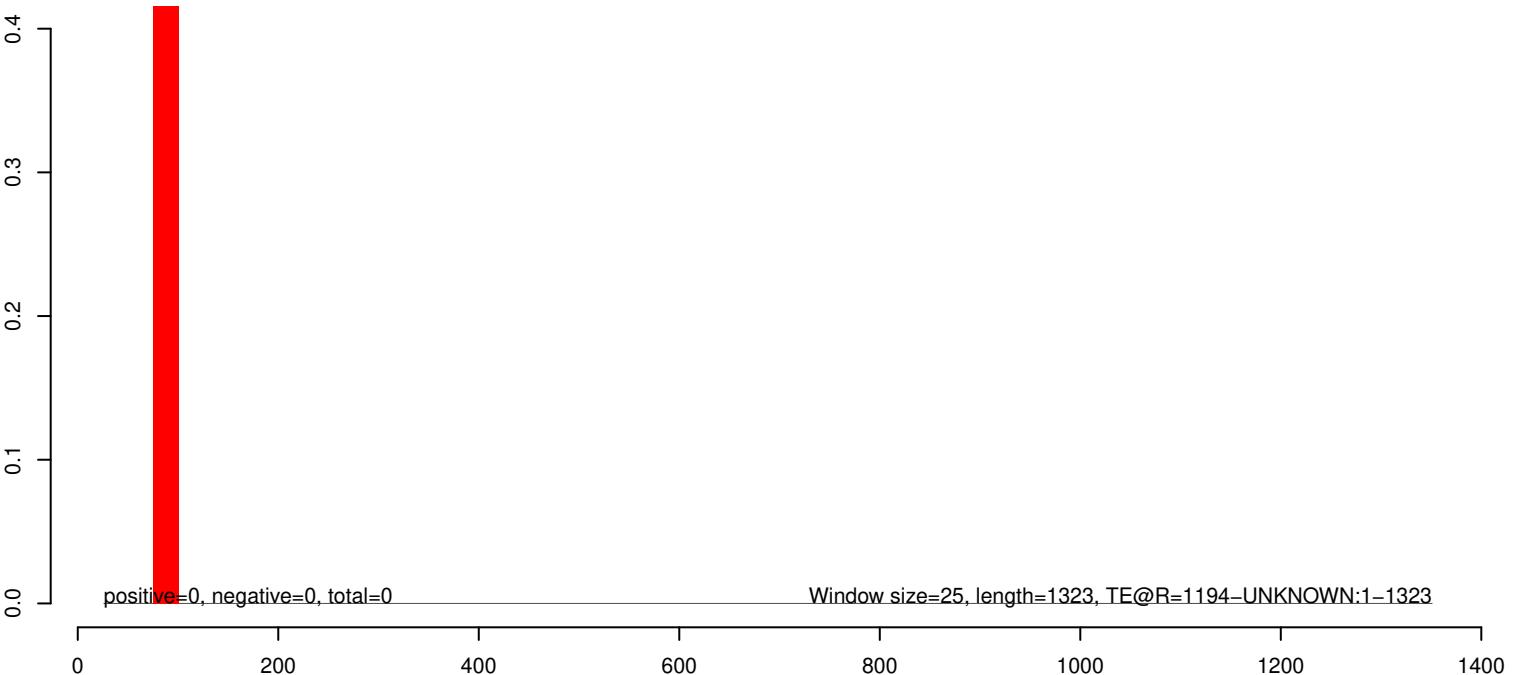
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



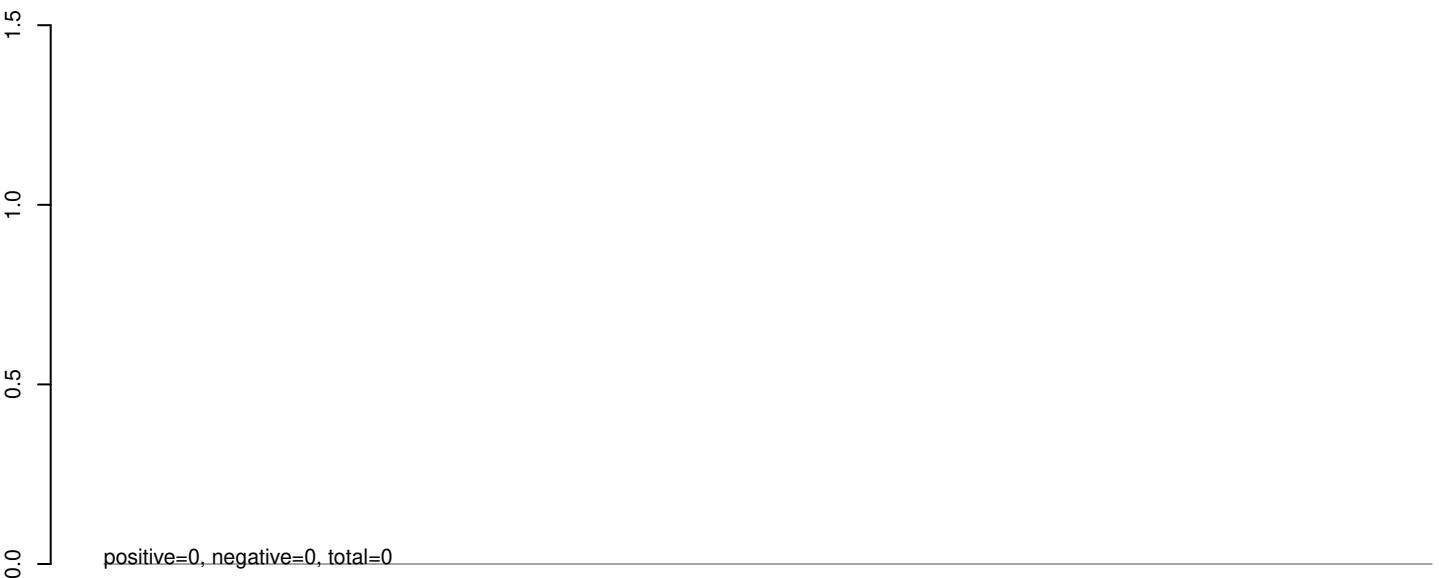
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



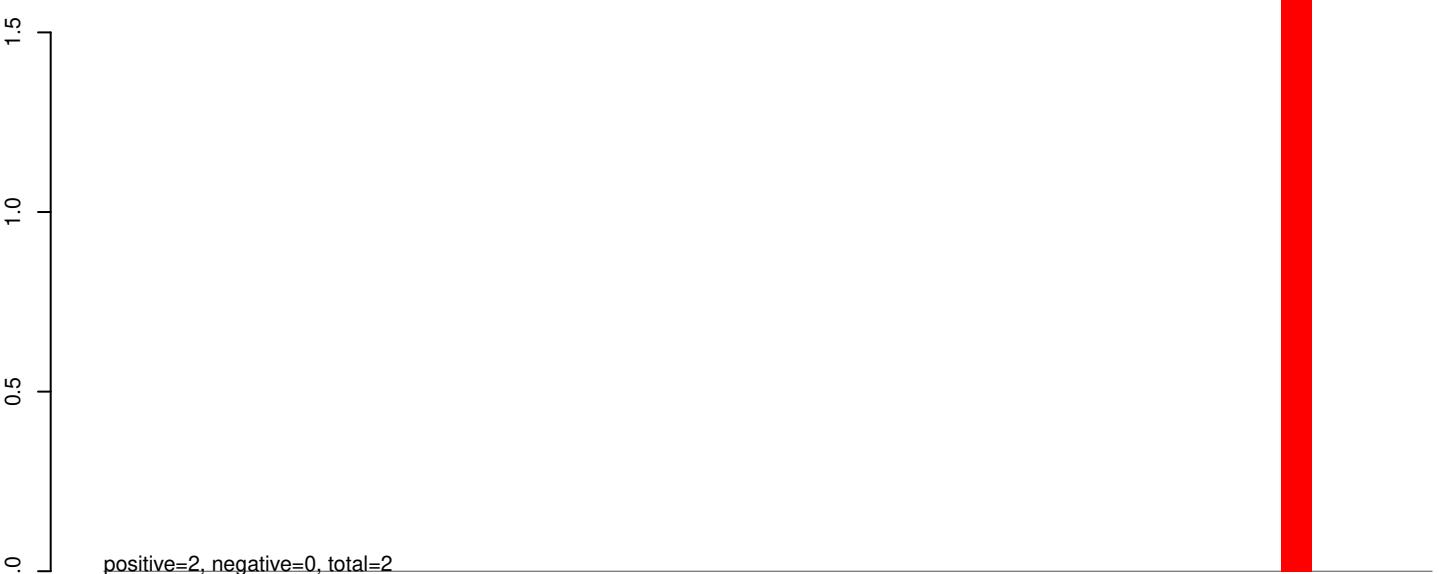
### AeAeg\_Whole\_sm\_r123\_JM.rep



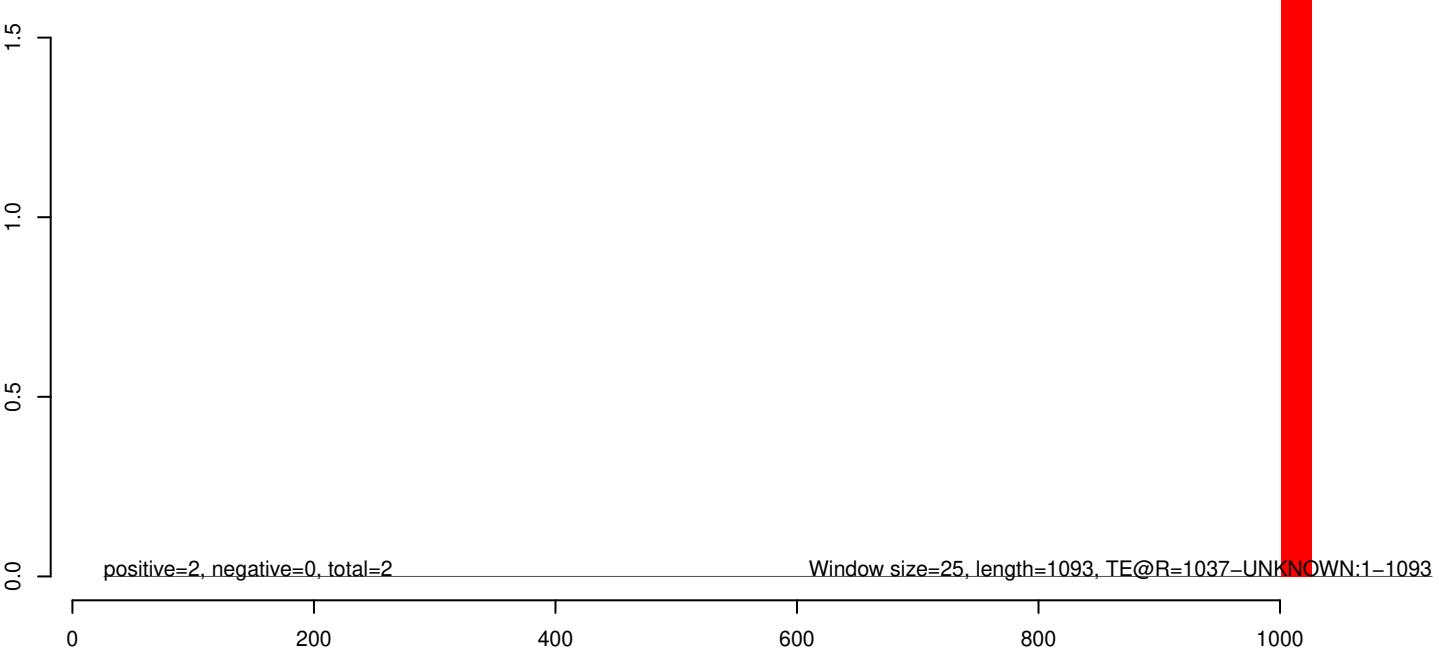
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



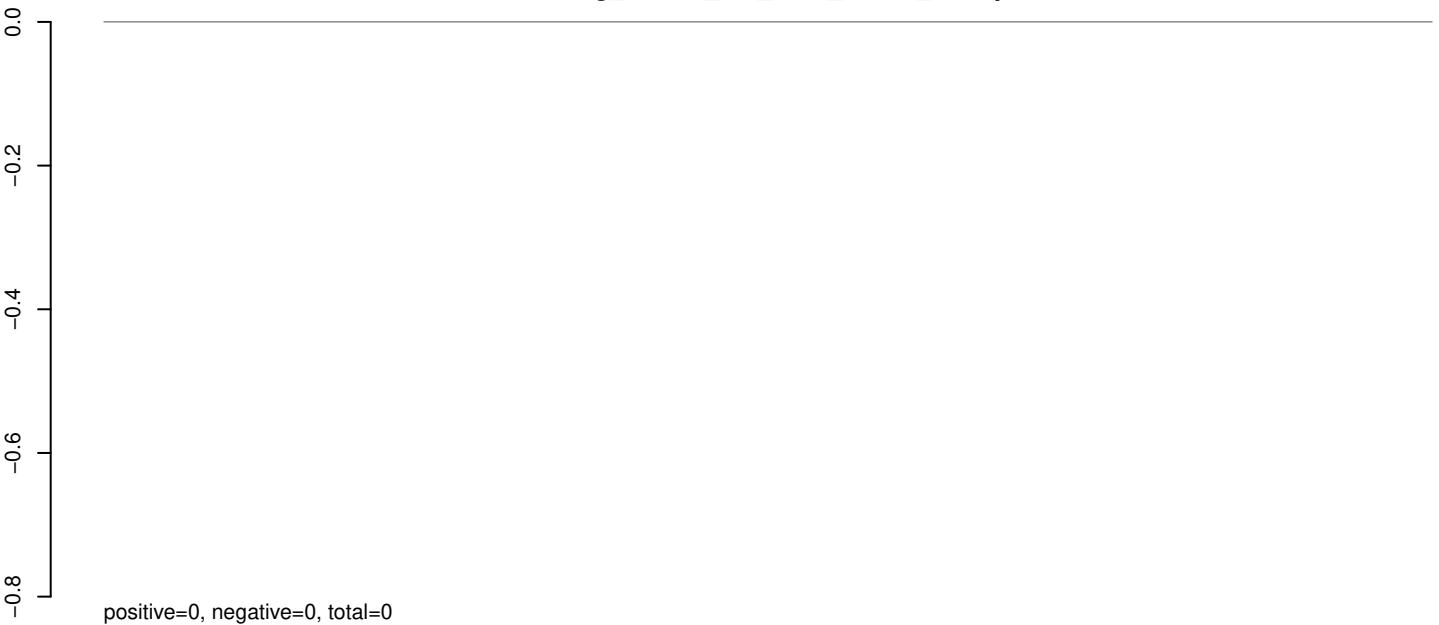
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



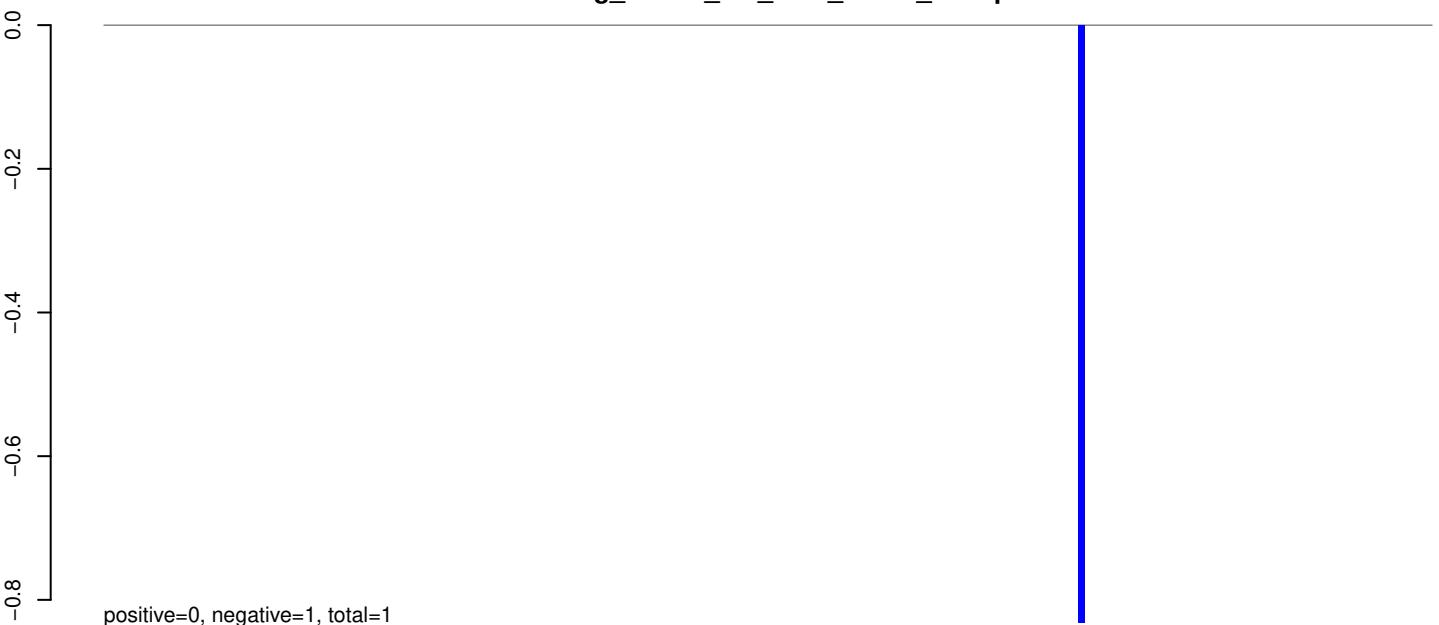
**AeAeg\_Whole\_sm\_r123\_JM.rep**



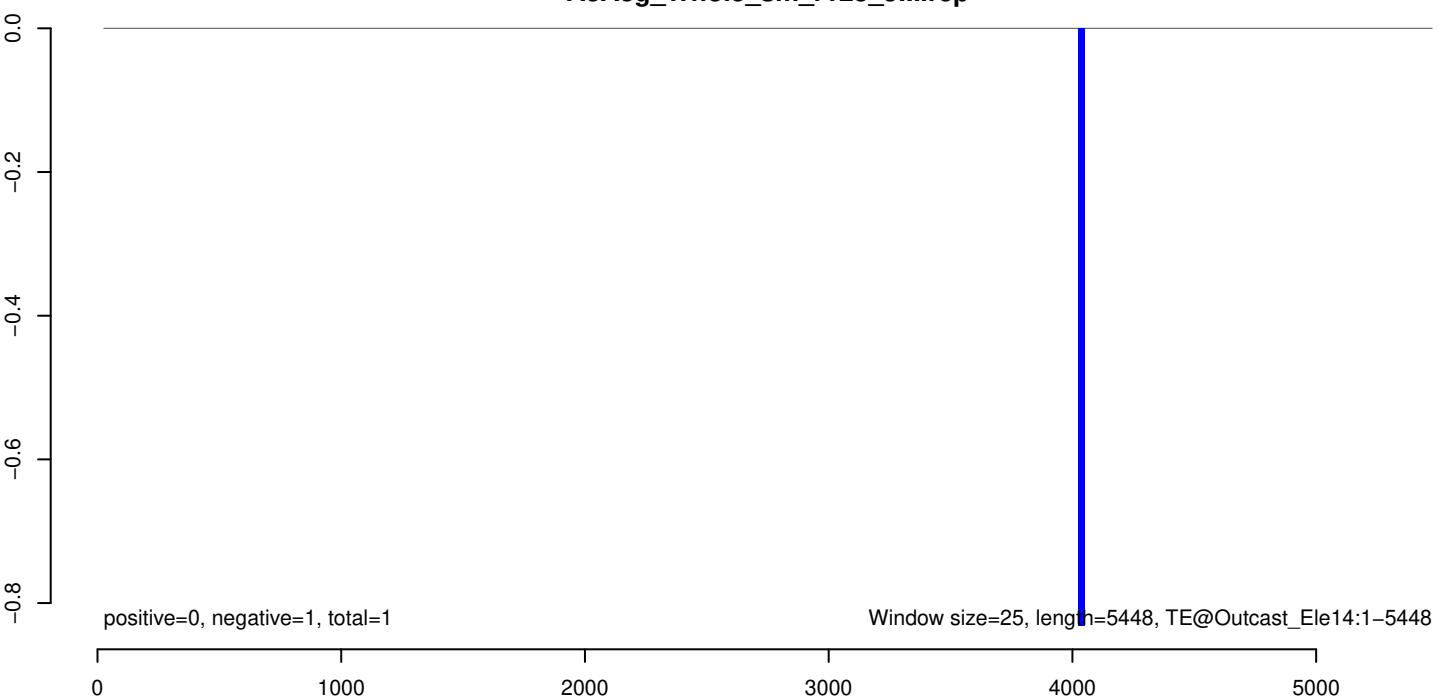
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

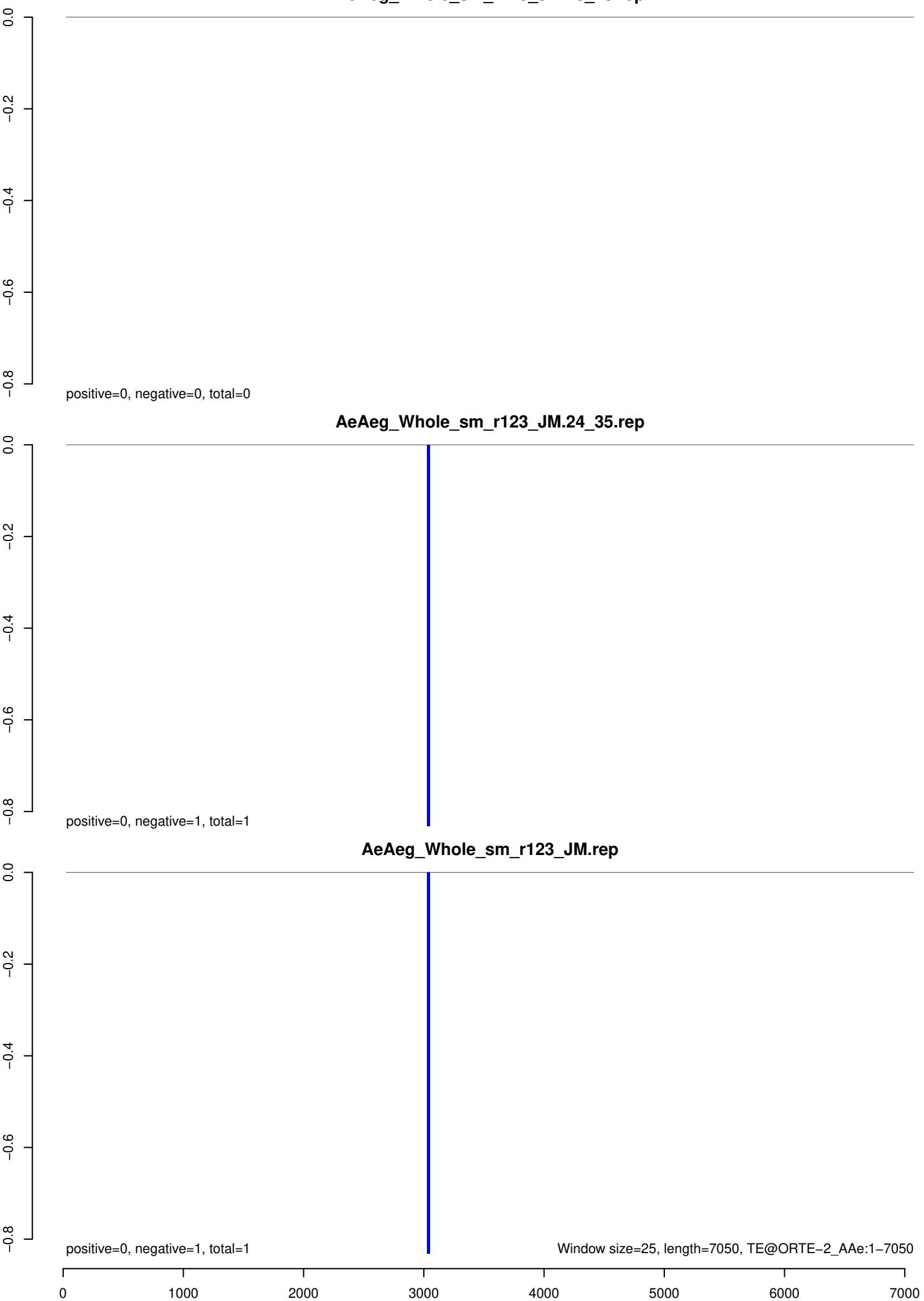
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

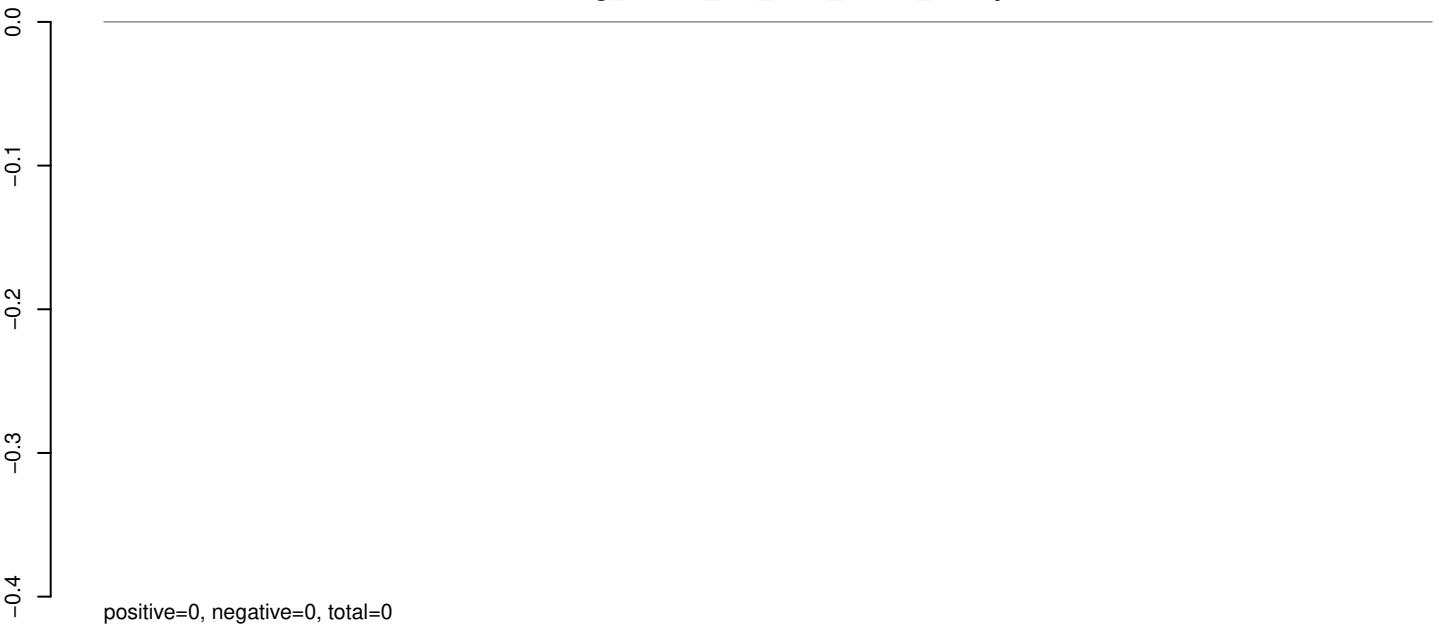
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

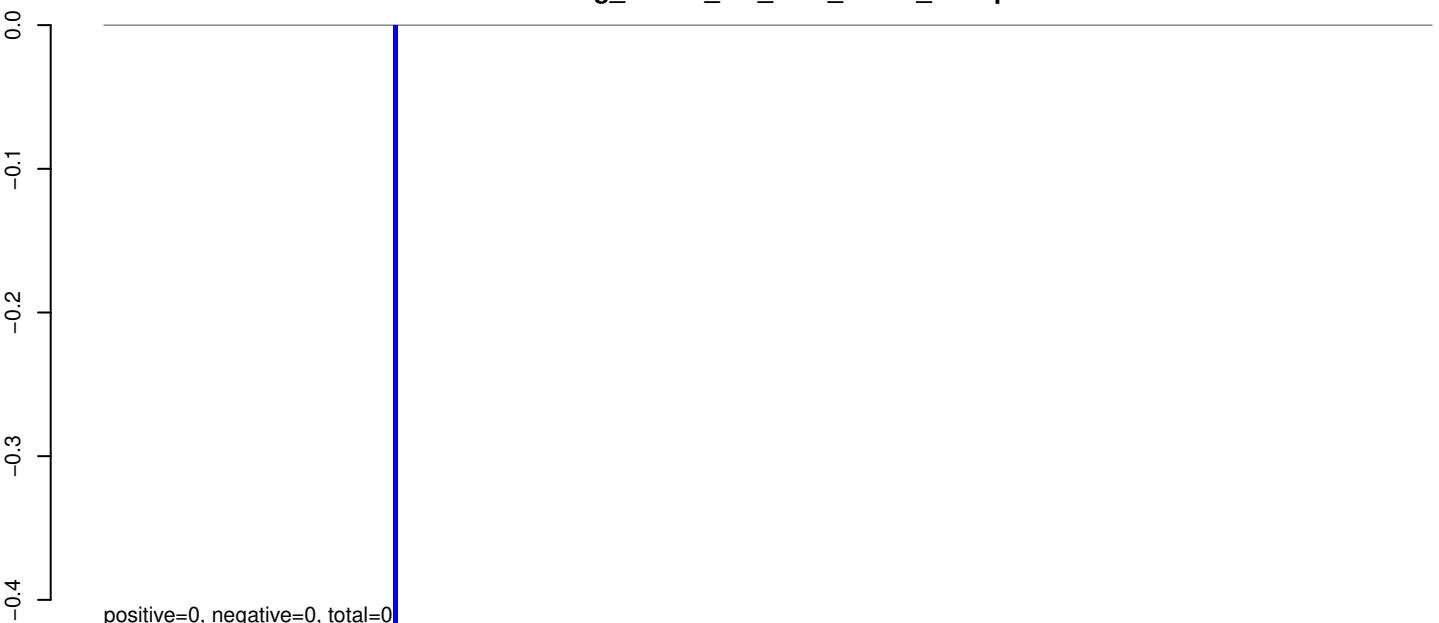
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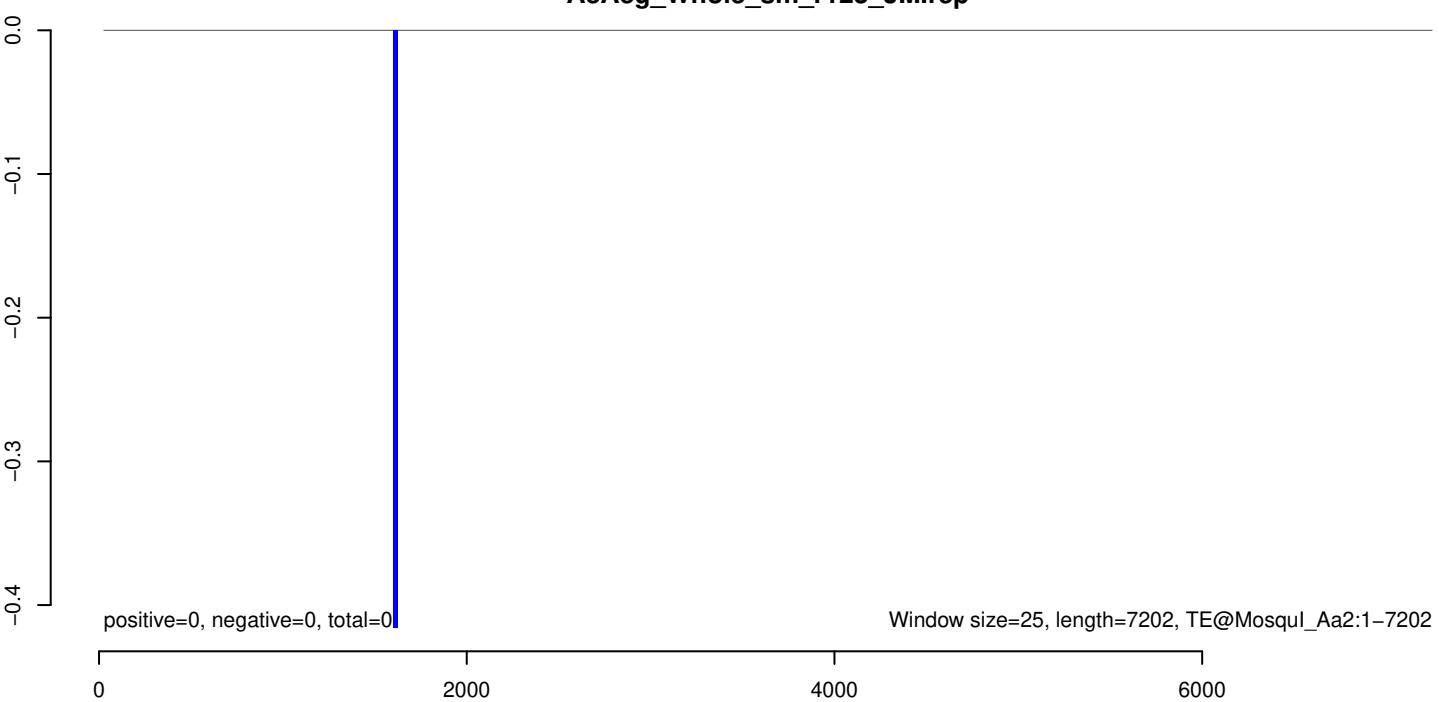
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



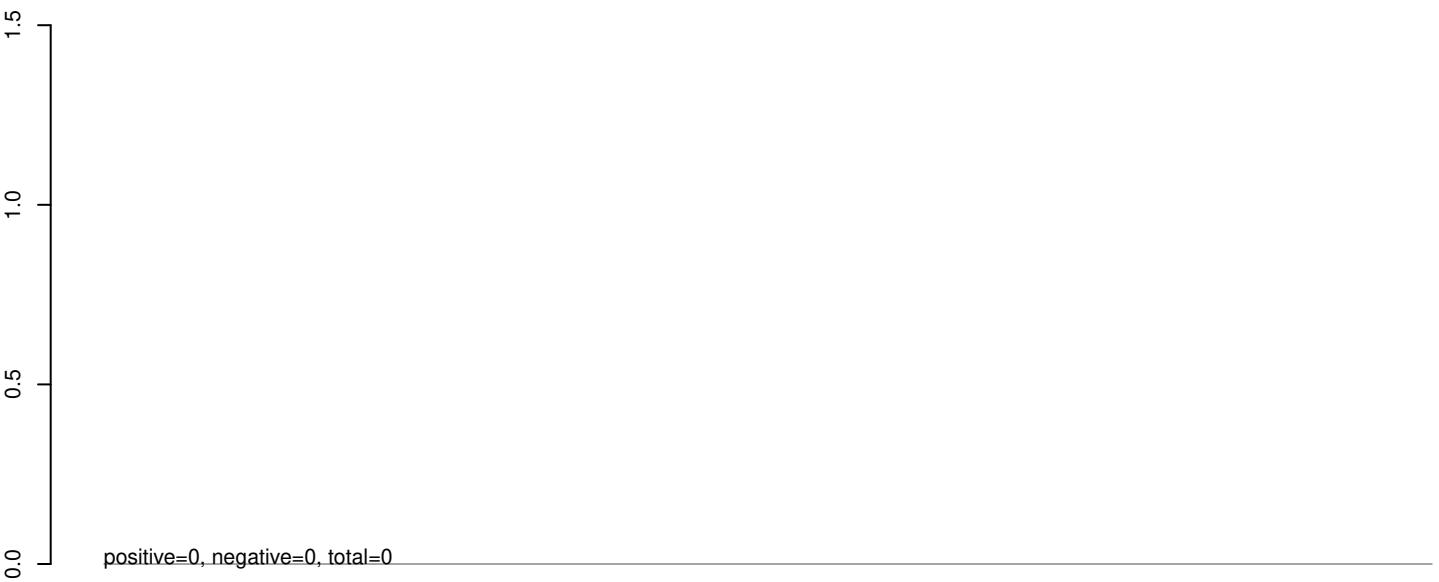
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



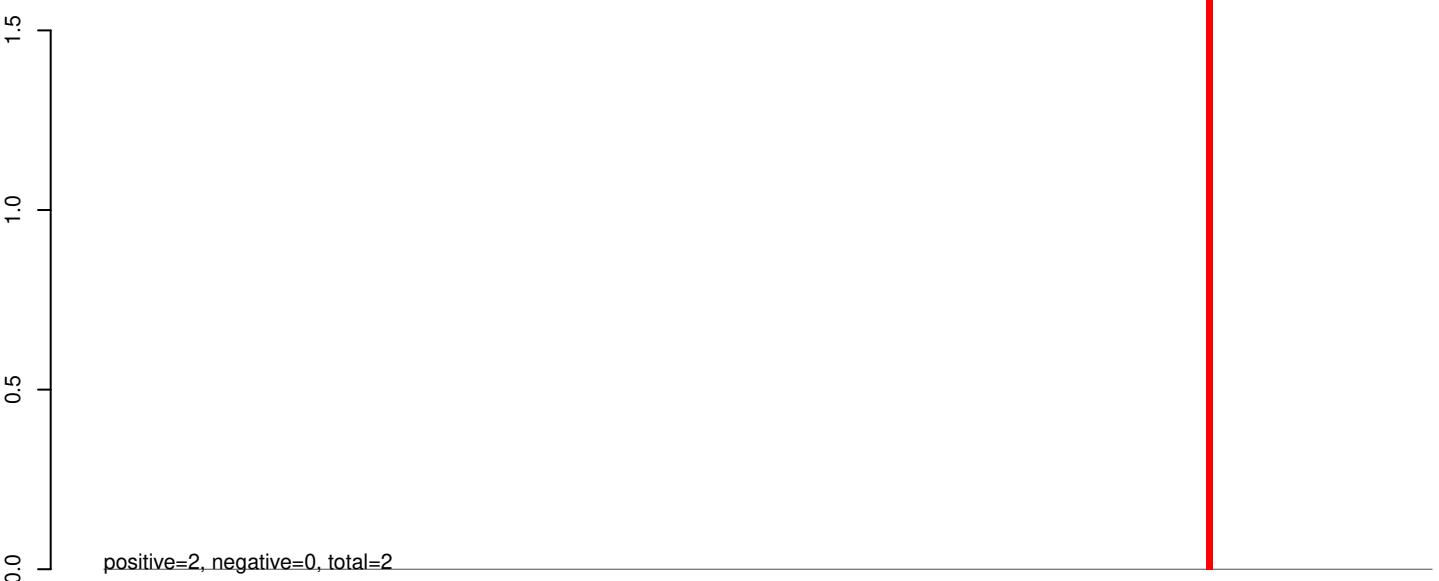
### AeAeg\_Whole\_sm\_r123\_JM.rep



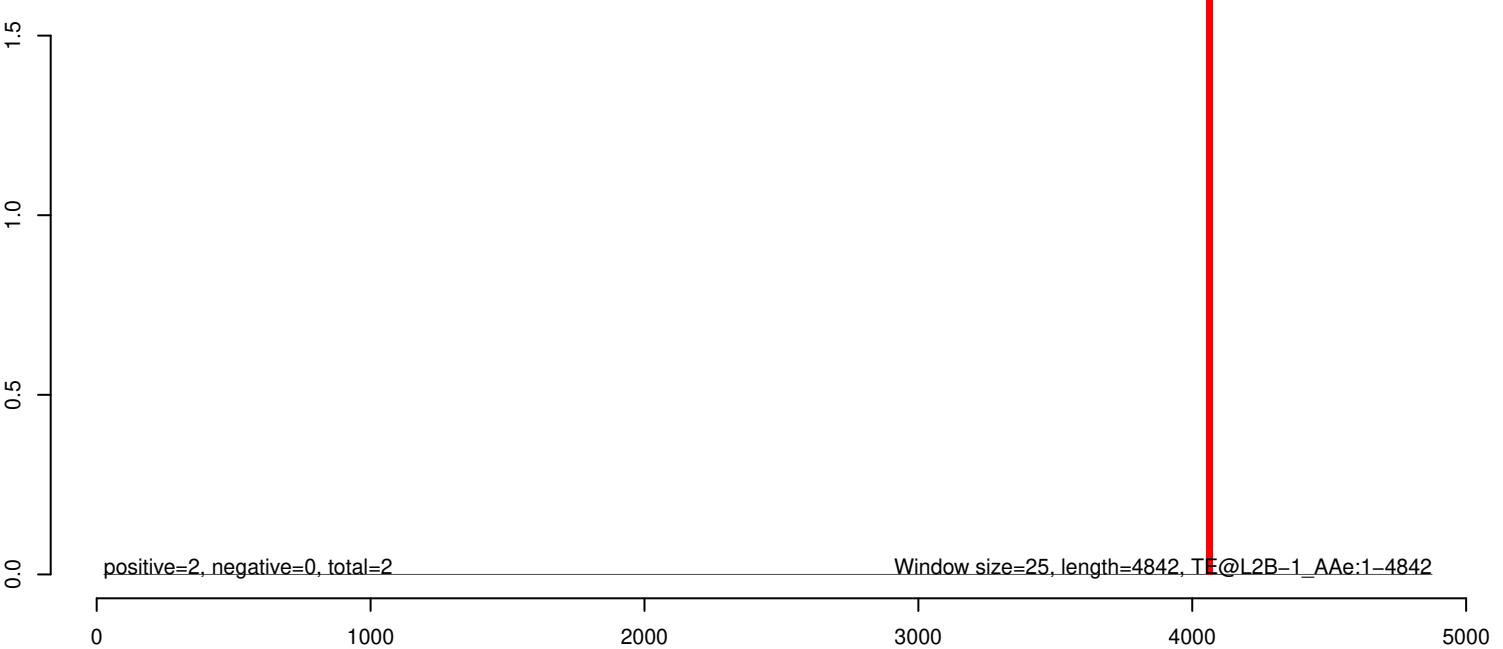
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



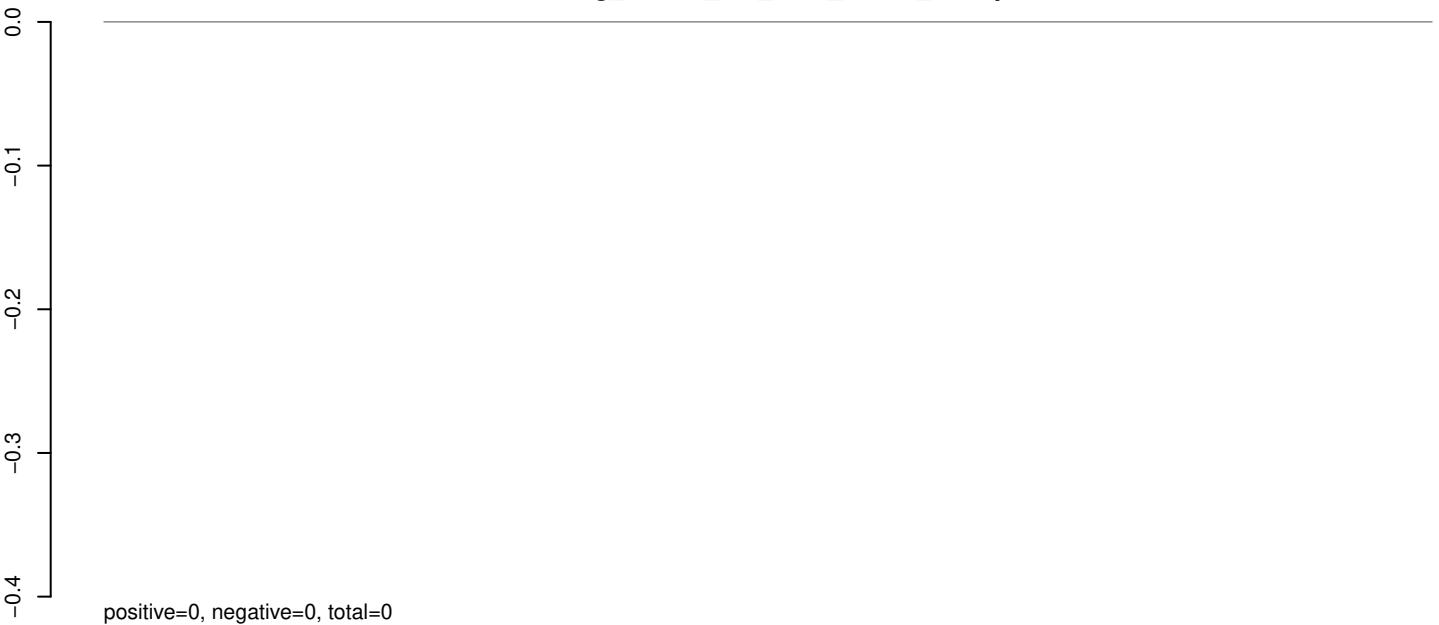
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



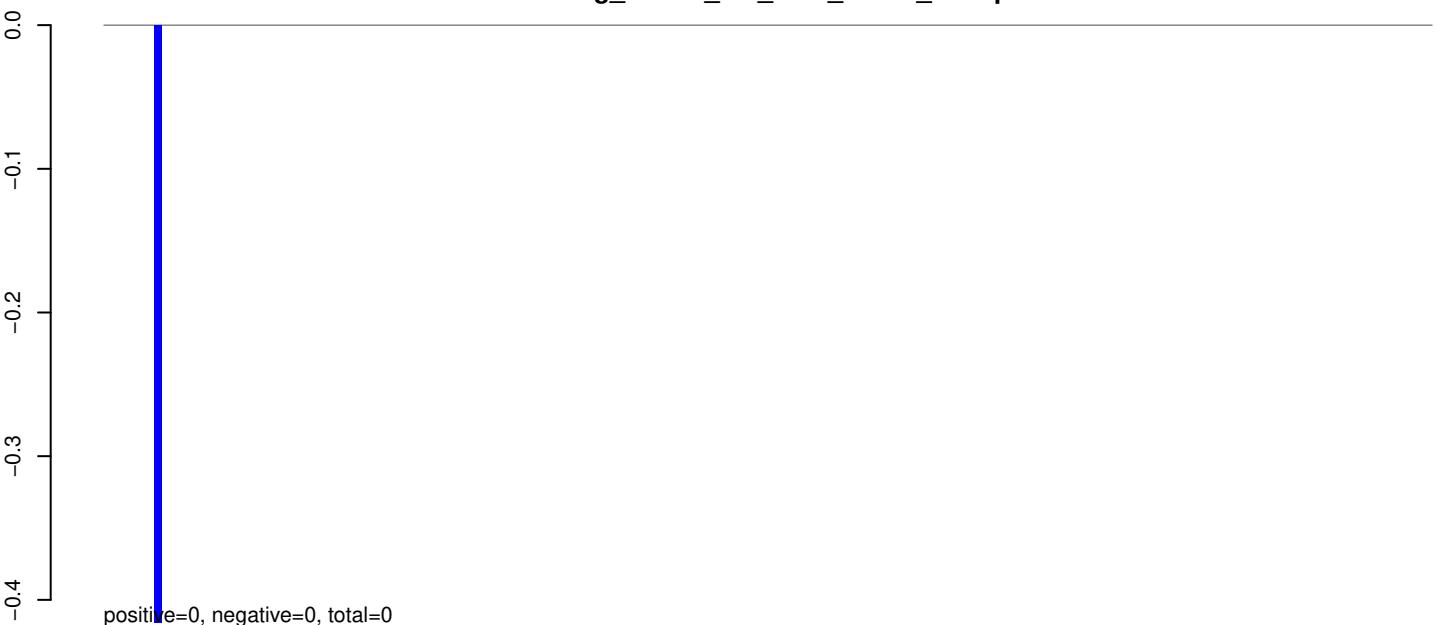
**AeAeg\_Whole\_sm\_r123\_JM.rep**



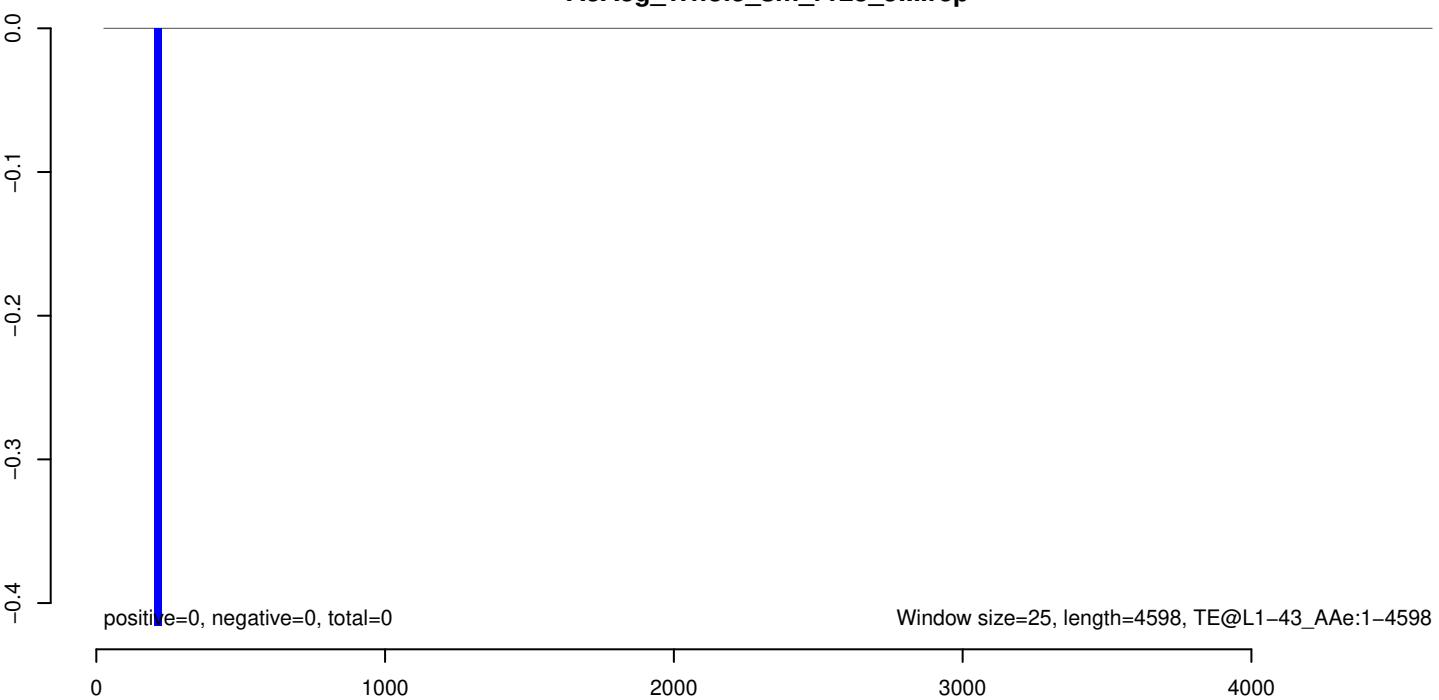
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



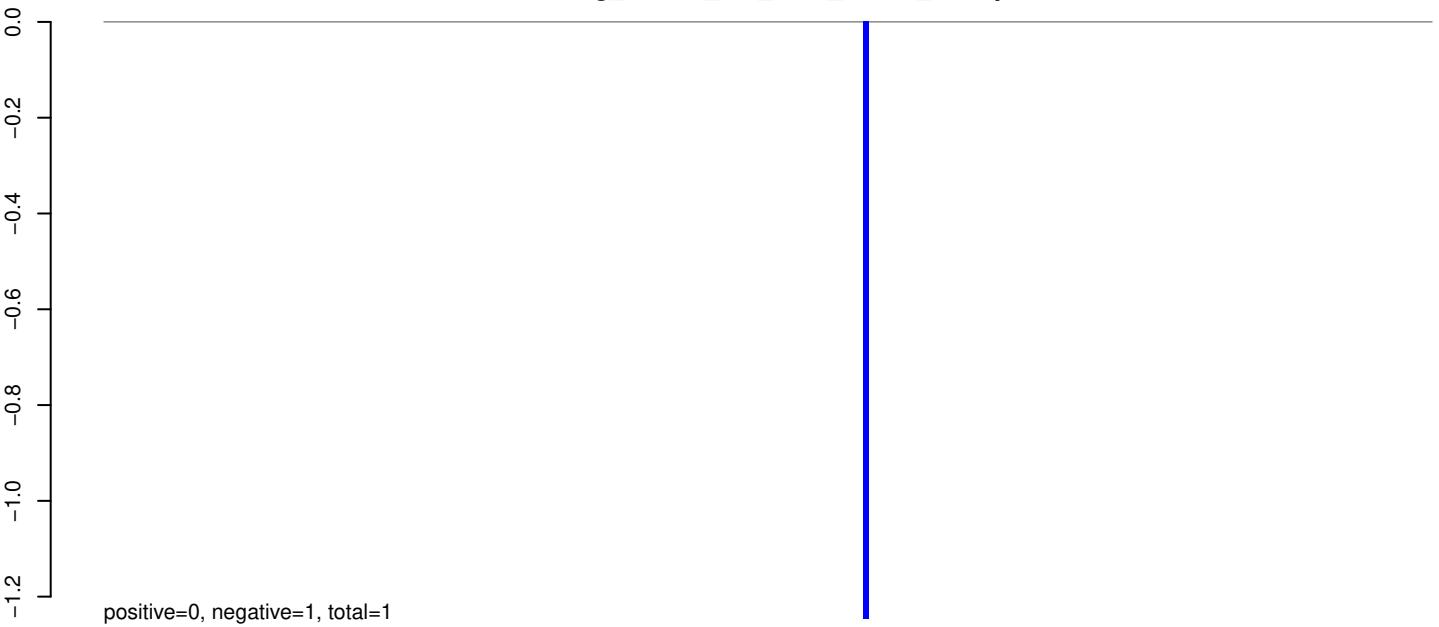
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



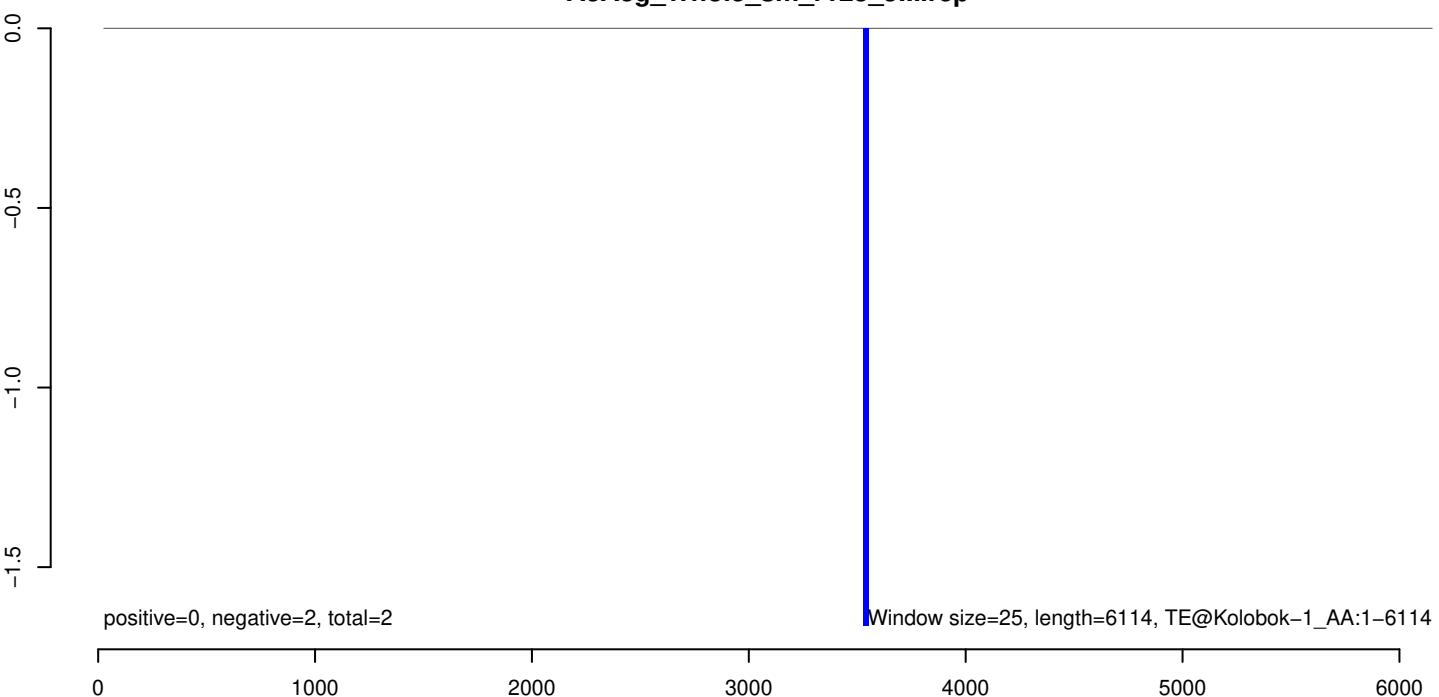
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



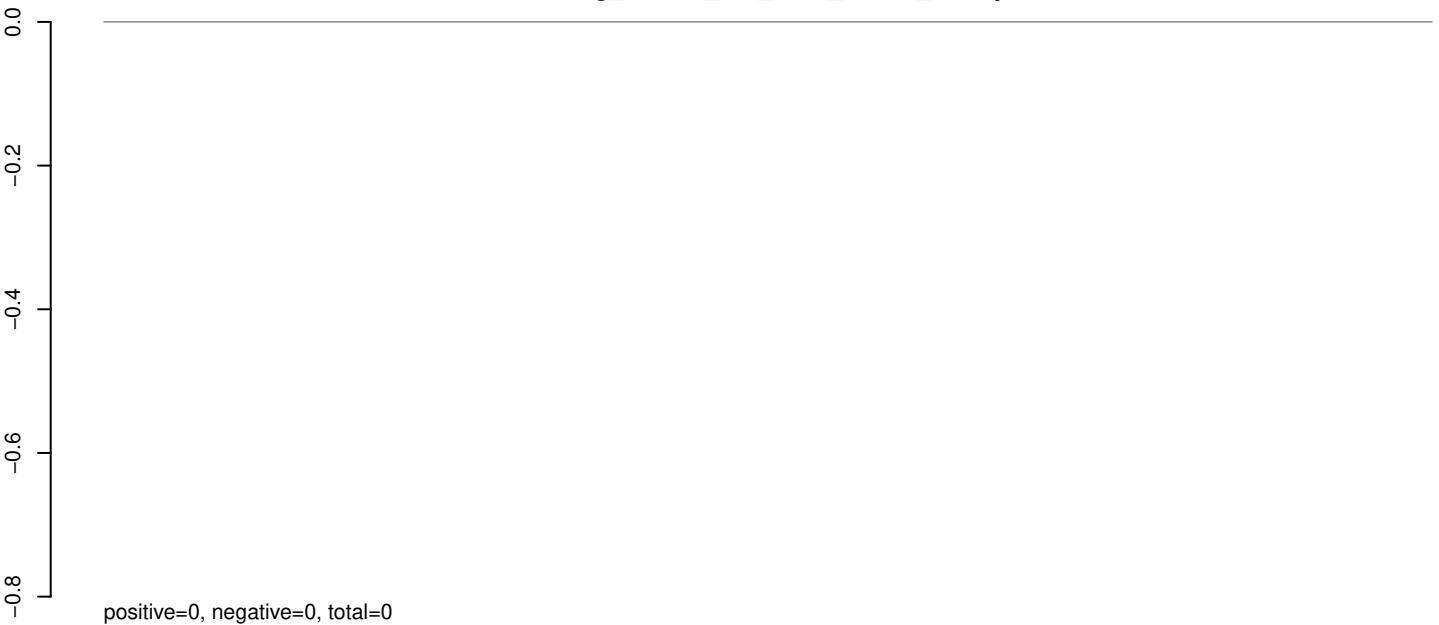
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



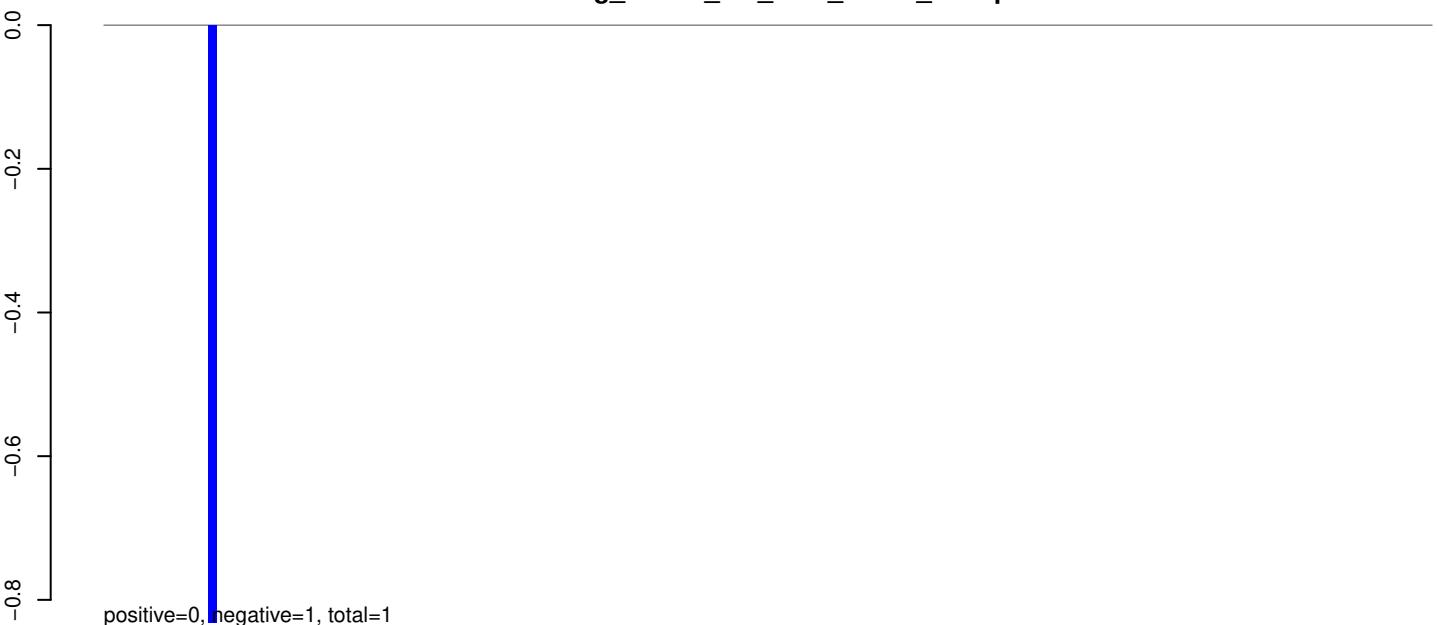
### AeAeg\_Whole\_sm\_r123\_JM.rep



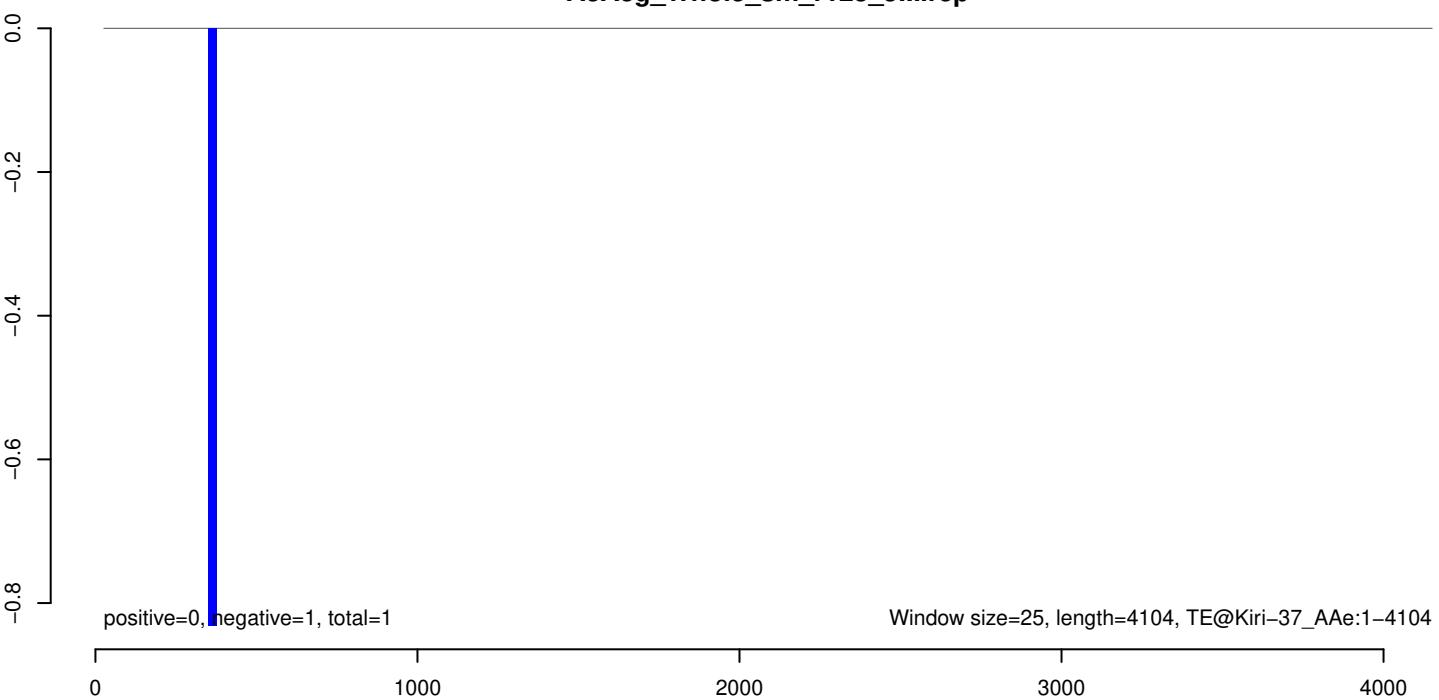
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



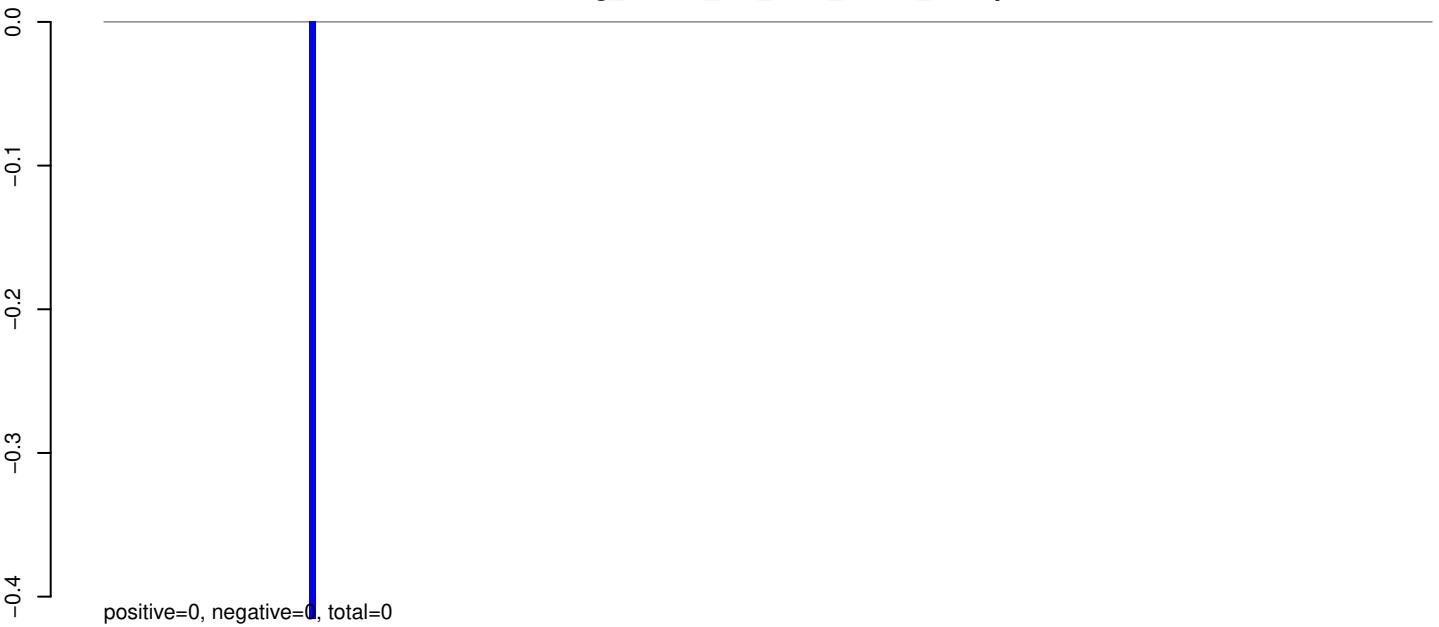
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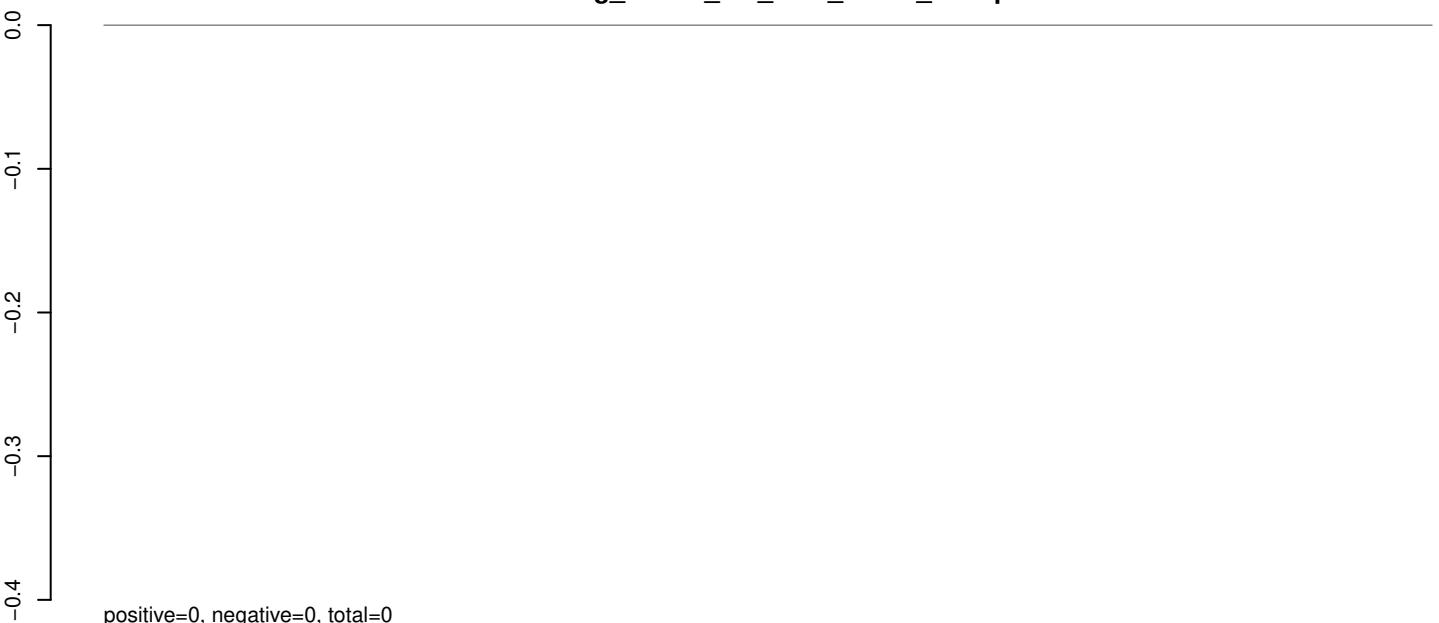
### AeAeg\_Whole\_sm\_r123\_JM.rep



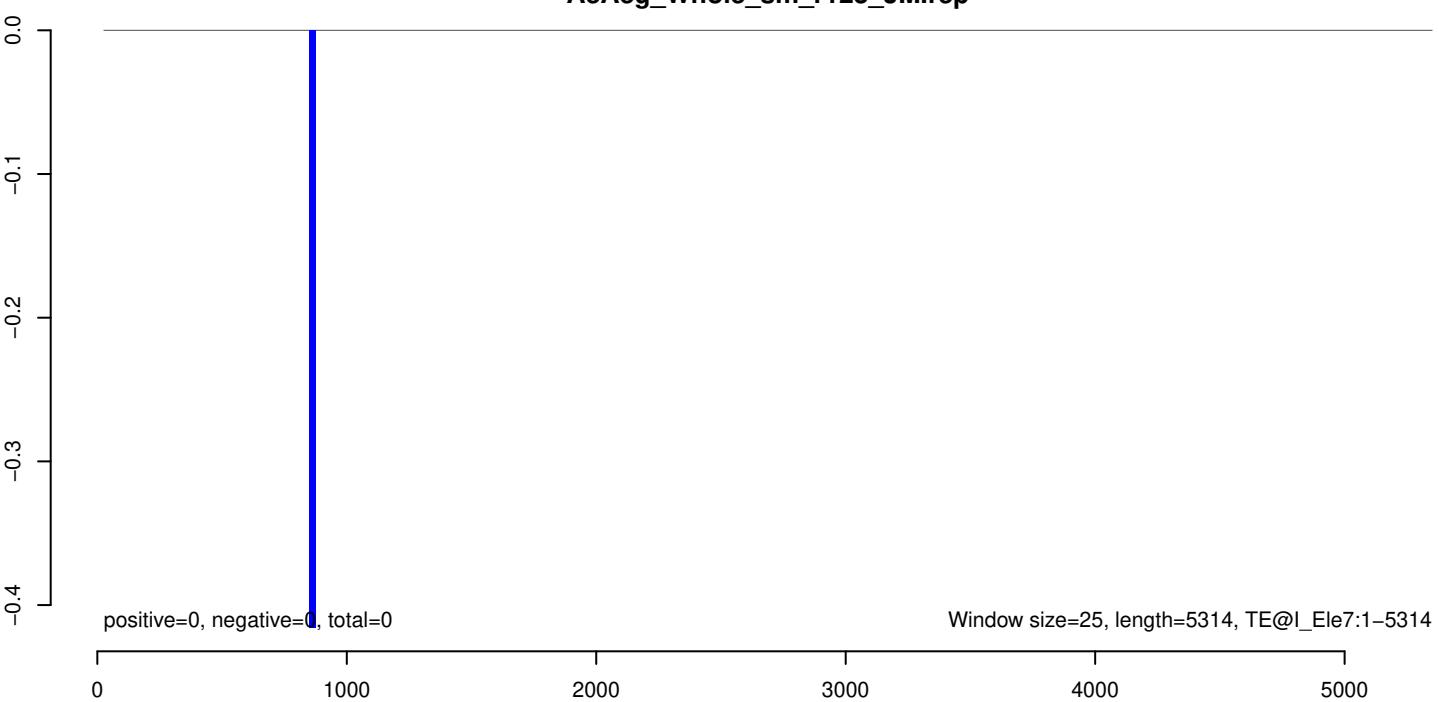
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



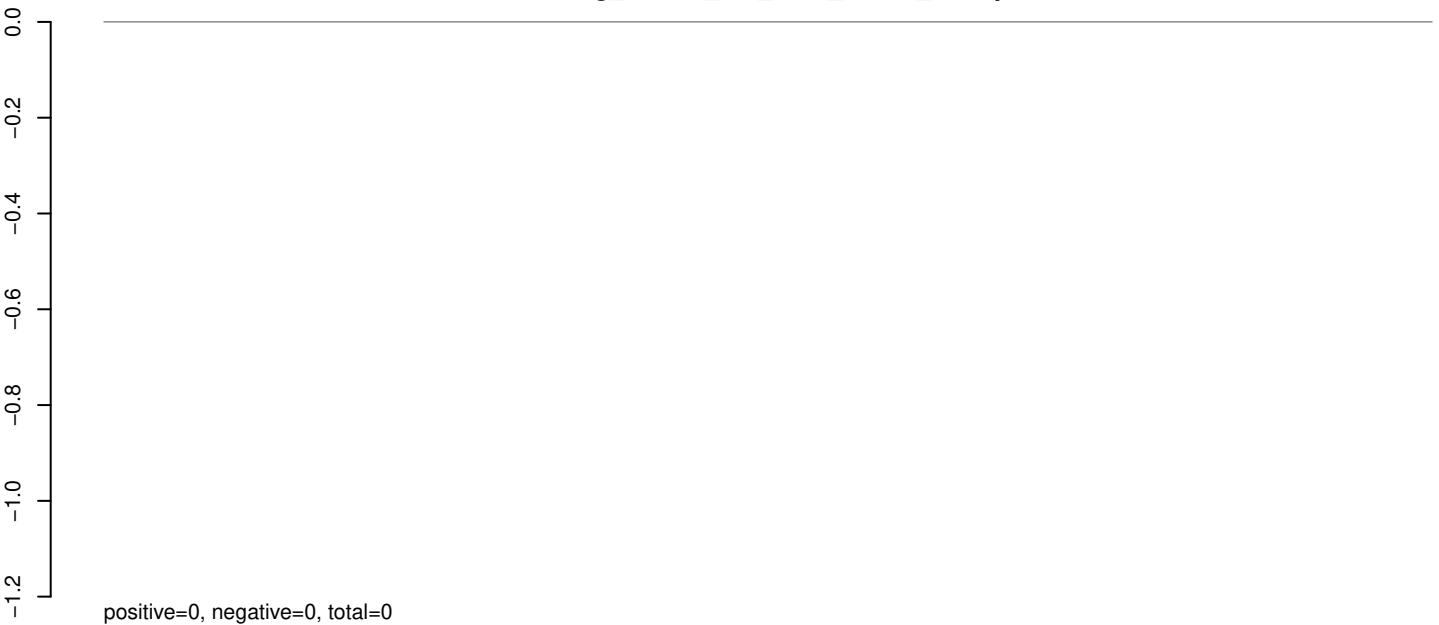
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



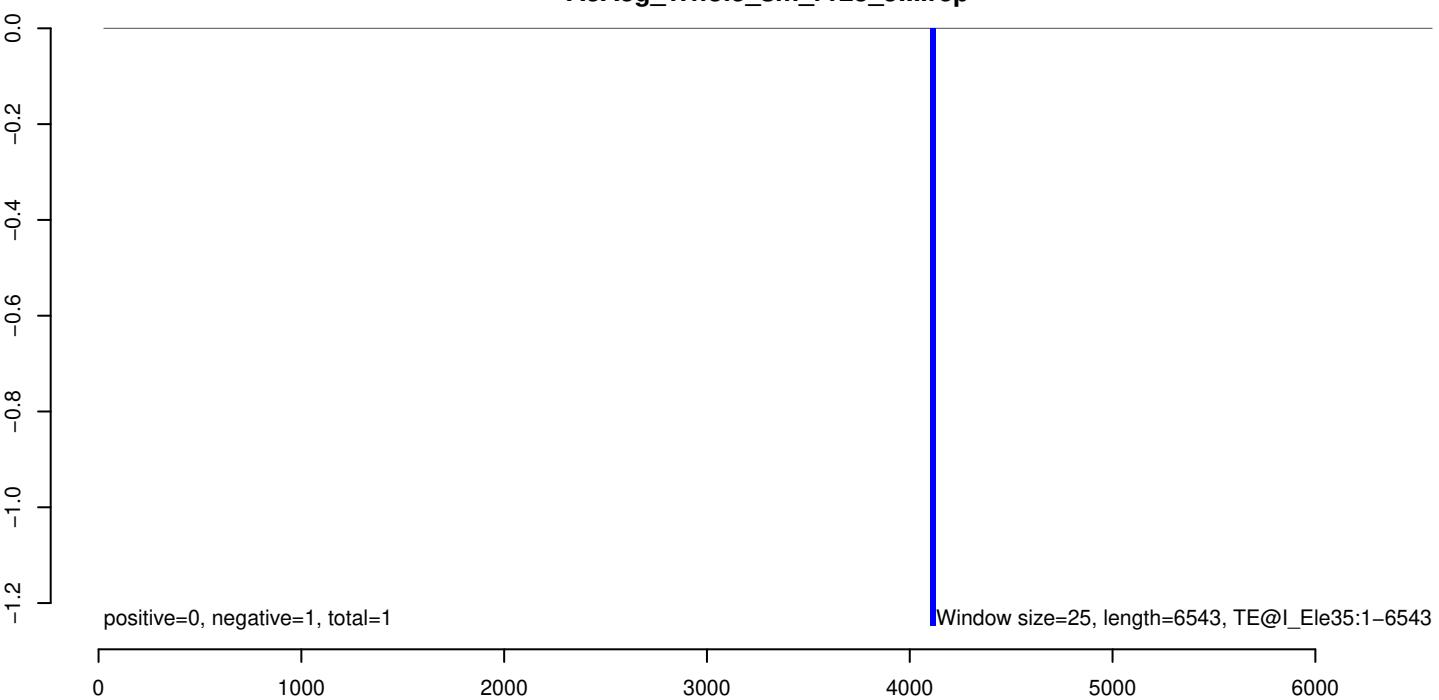
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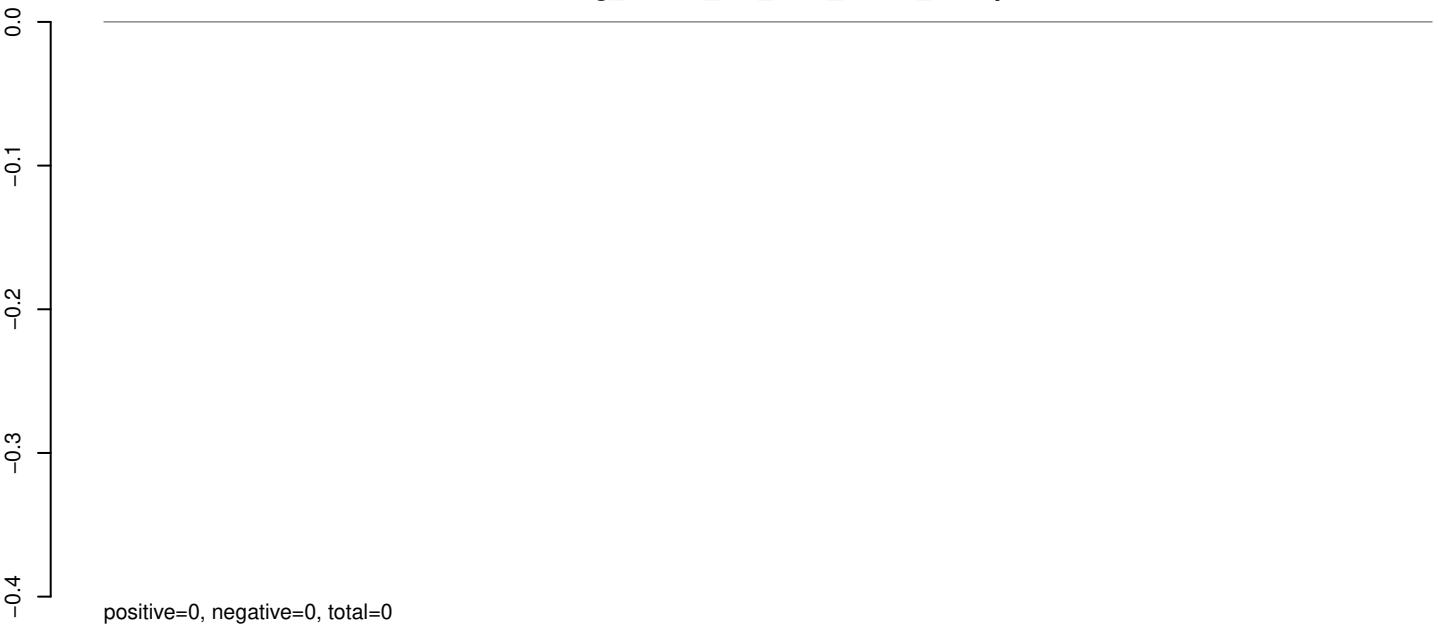
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



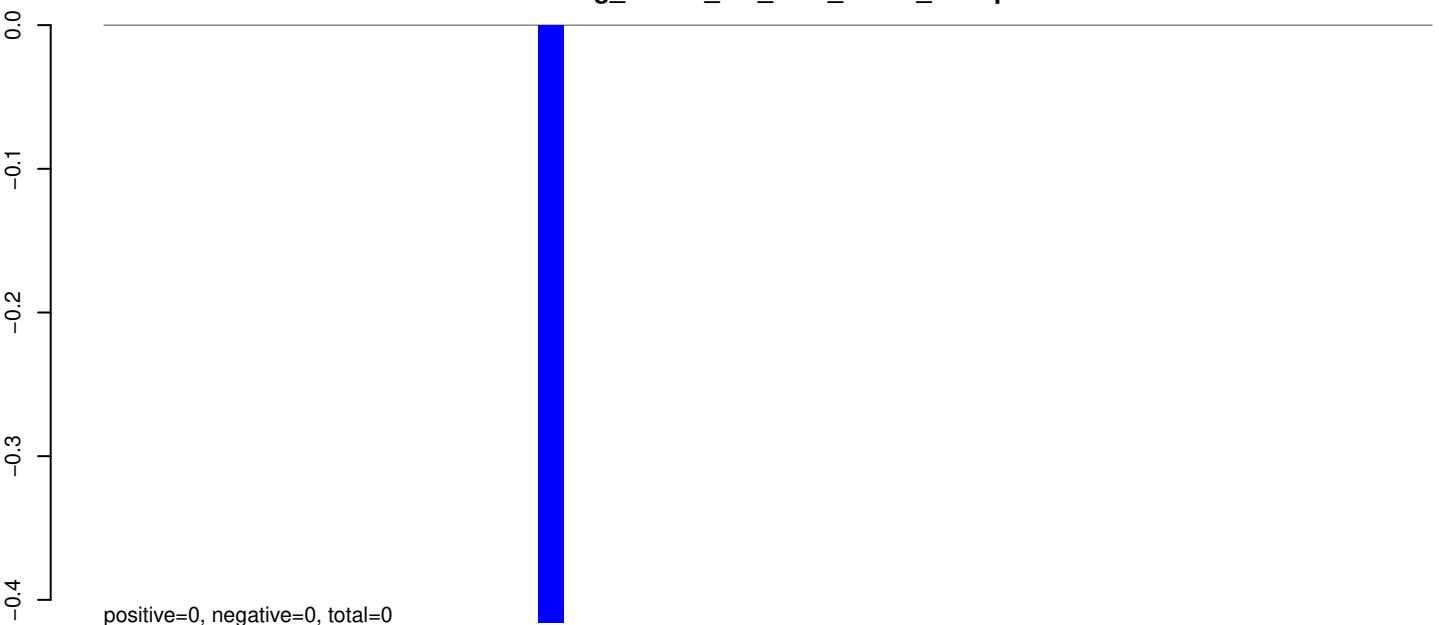
### AeAeg\_Whole\_sm\_r123\_JM.rep



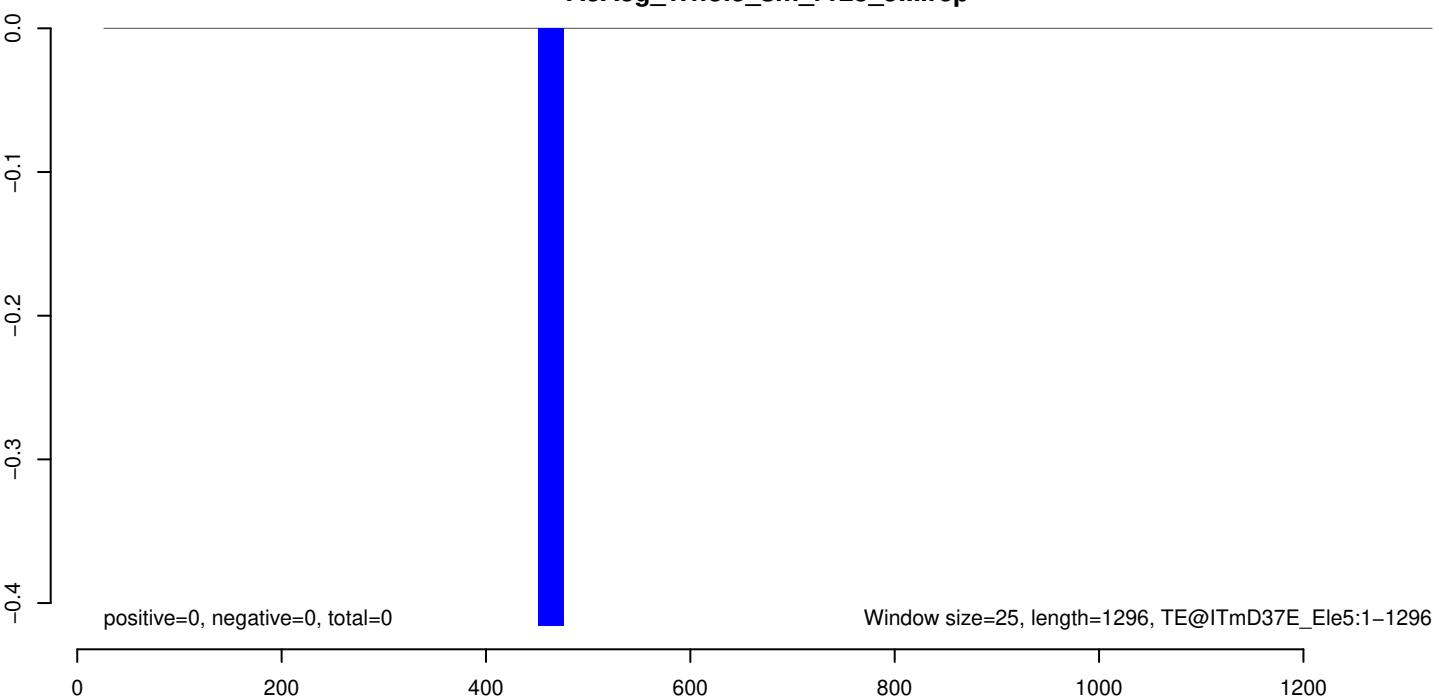
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

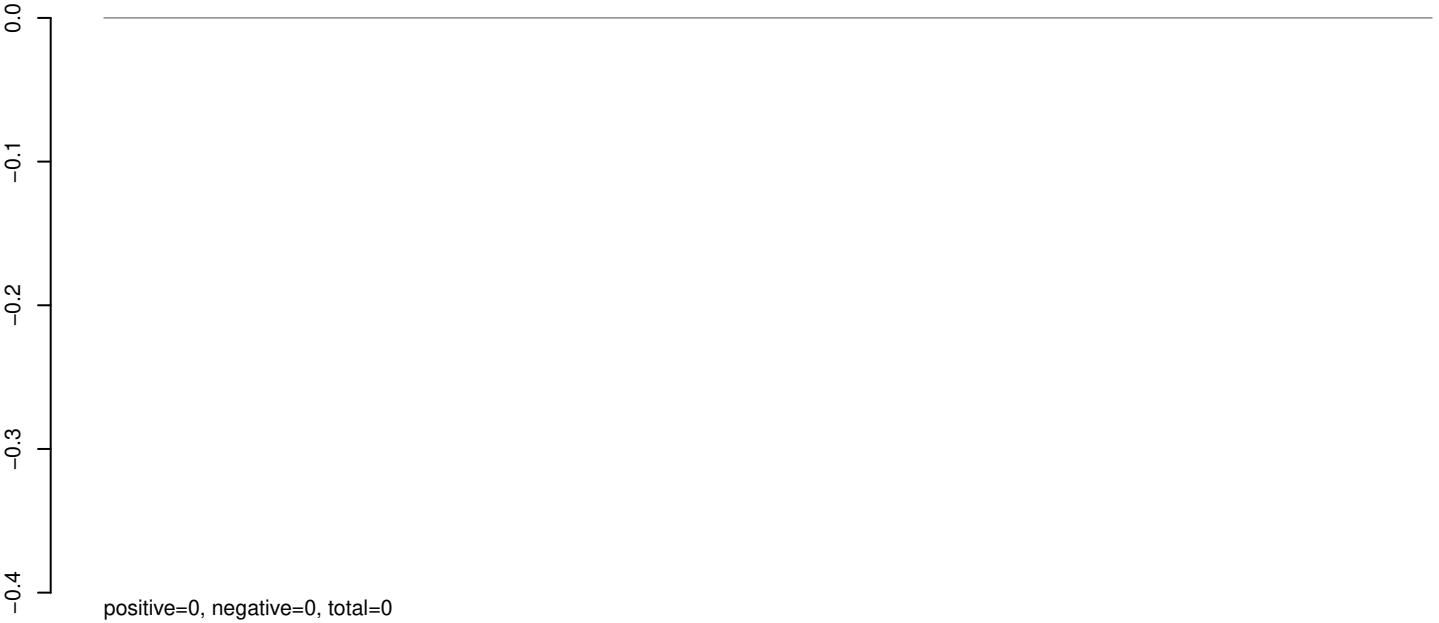
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

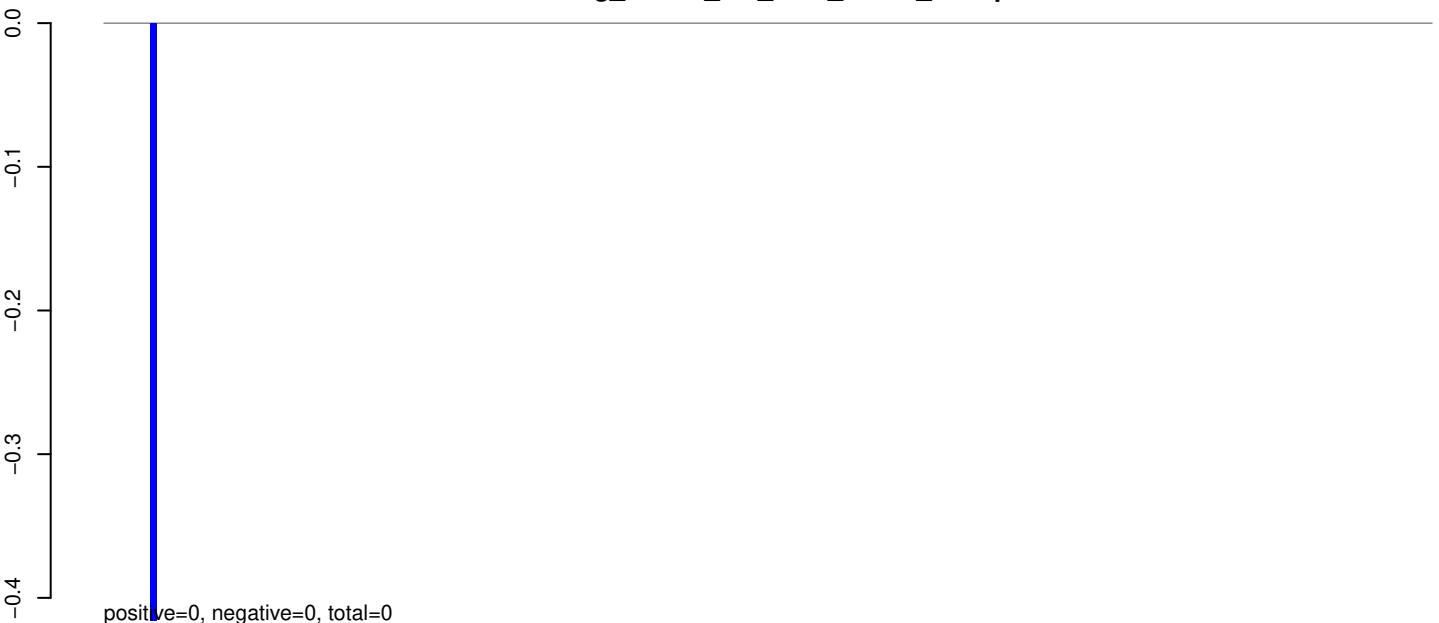
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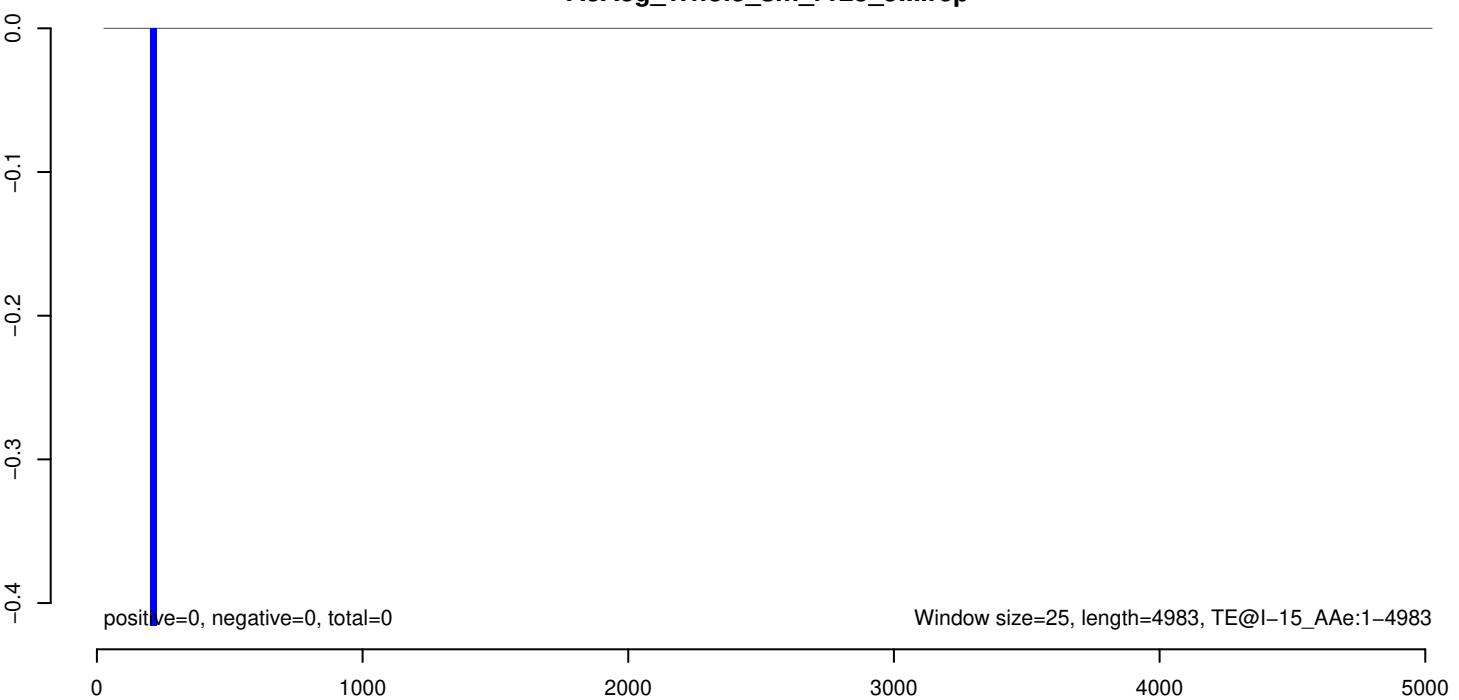
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



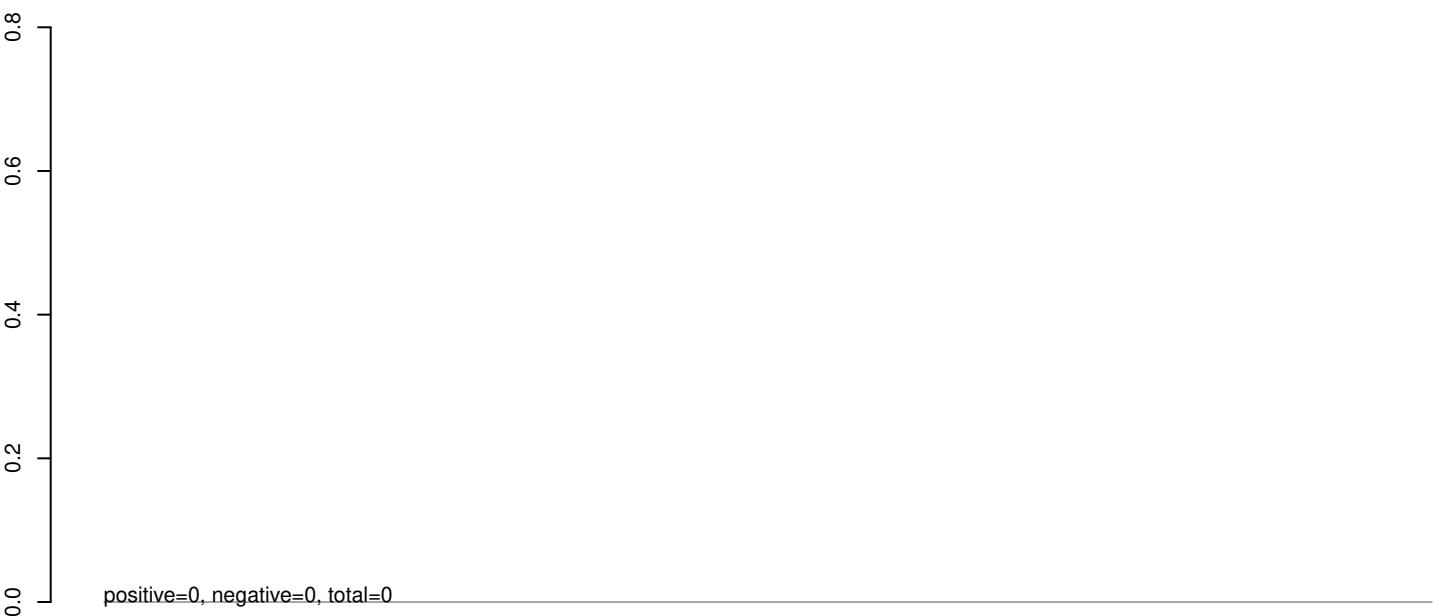
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



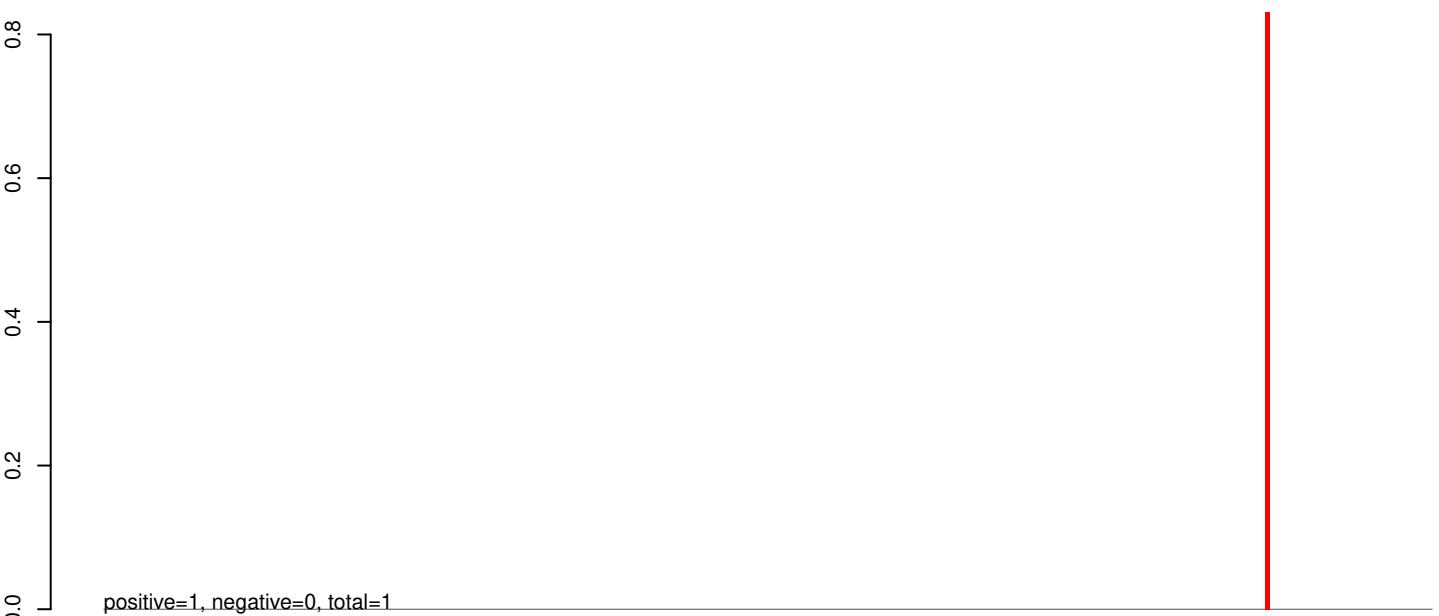
### AeAeg\_Whole\_sm\_r123\_JM.rep



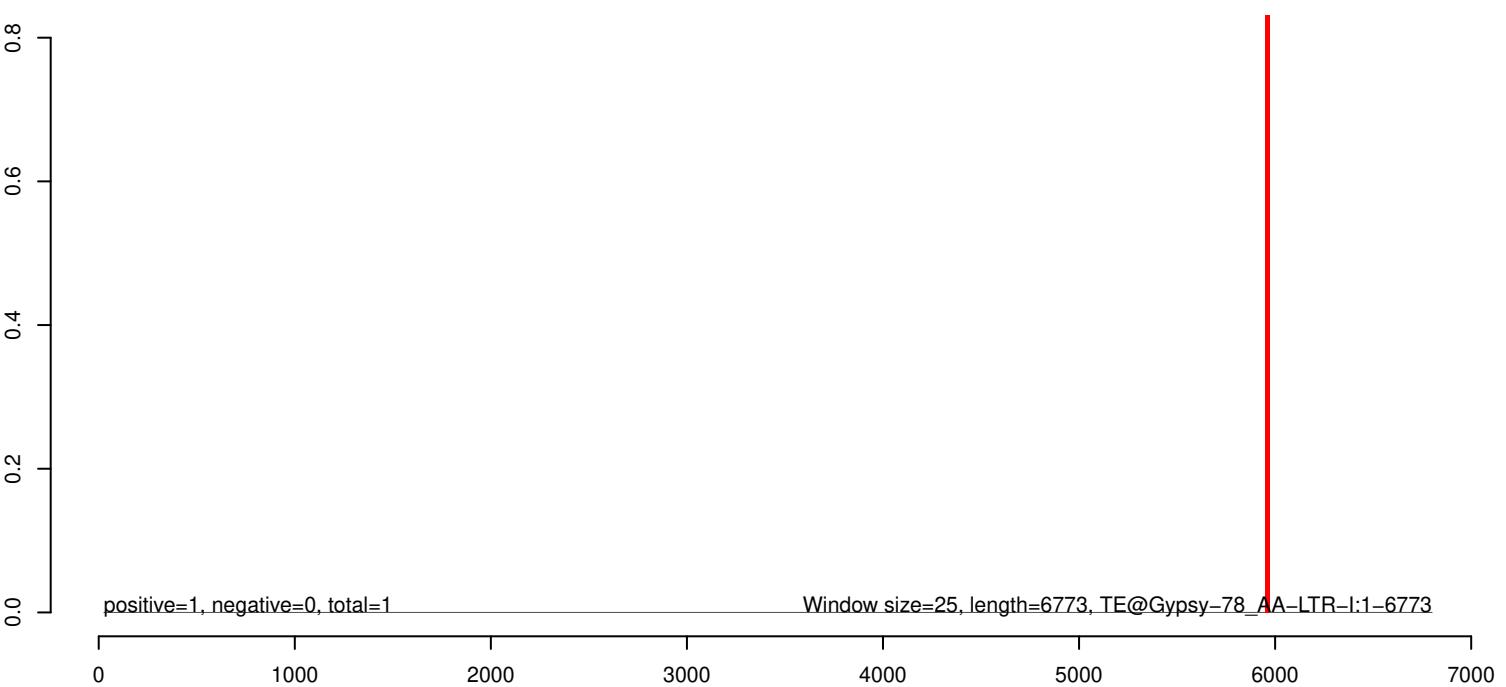
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



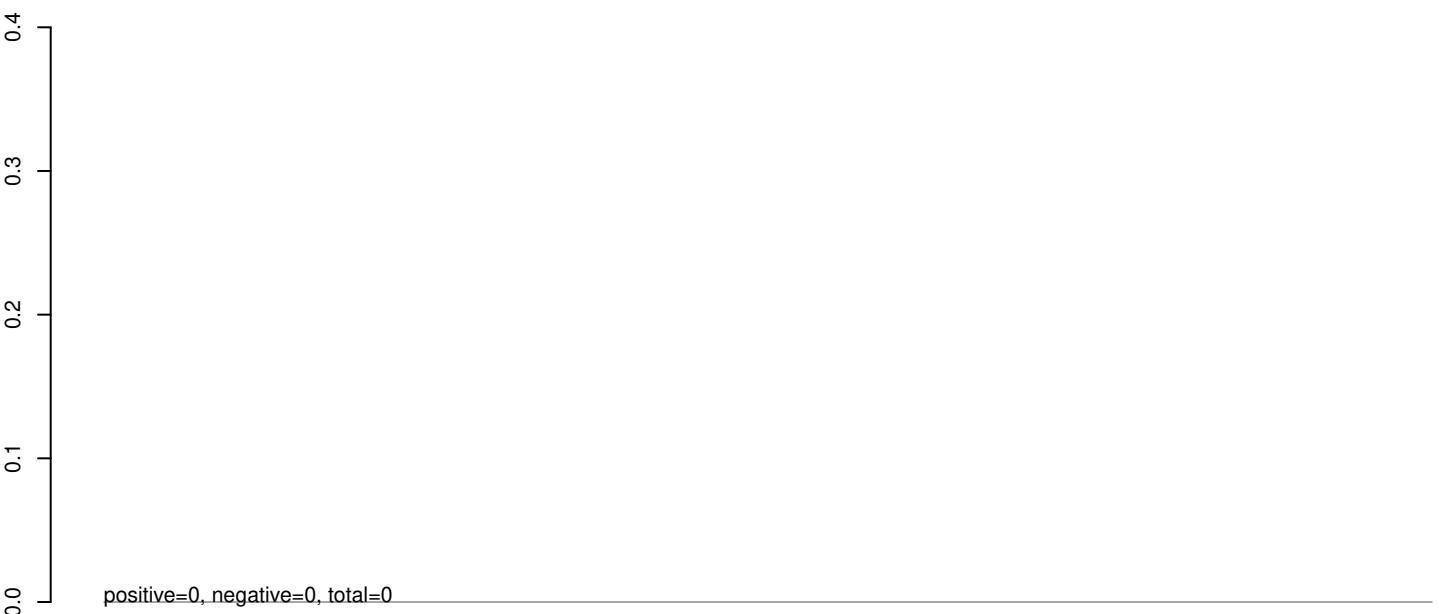
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



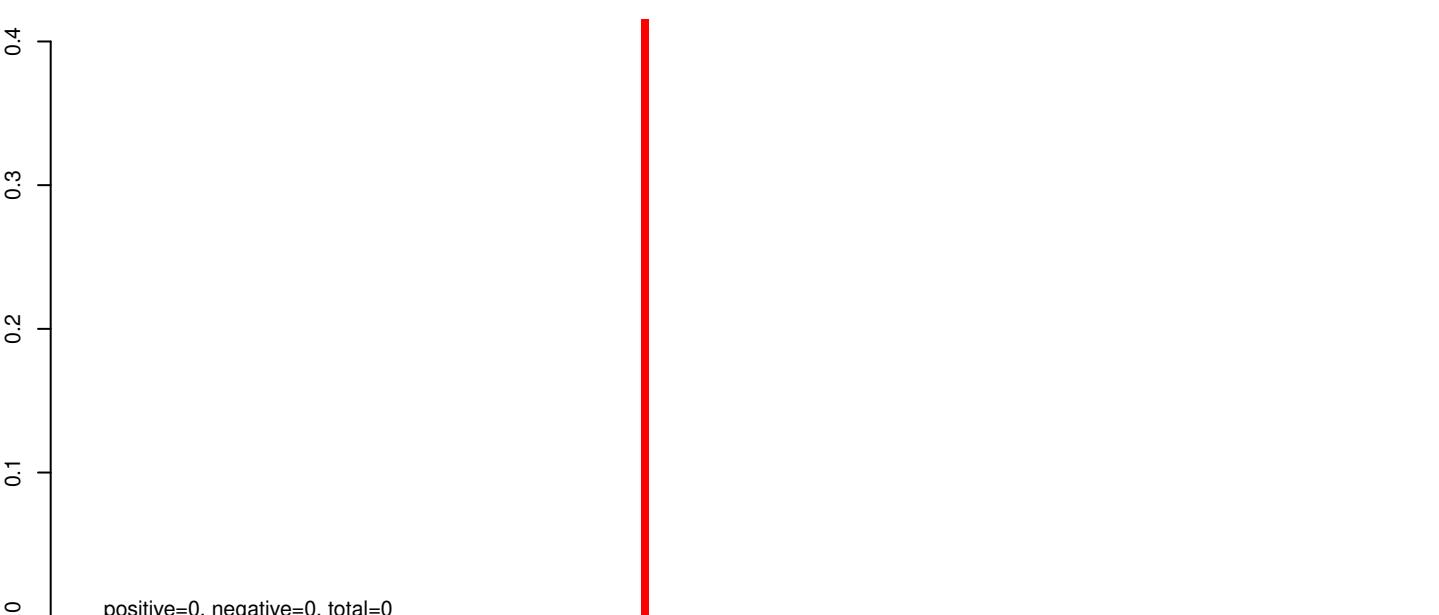
### AeAeg\_Whole\_sm\_r123\_JM.rep



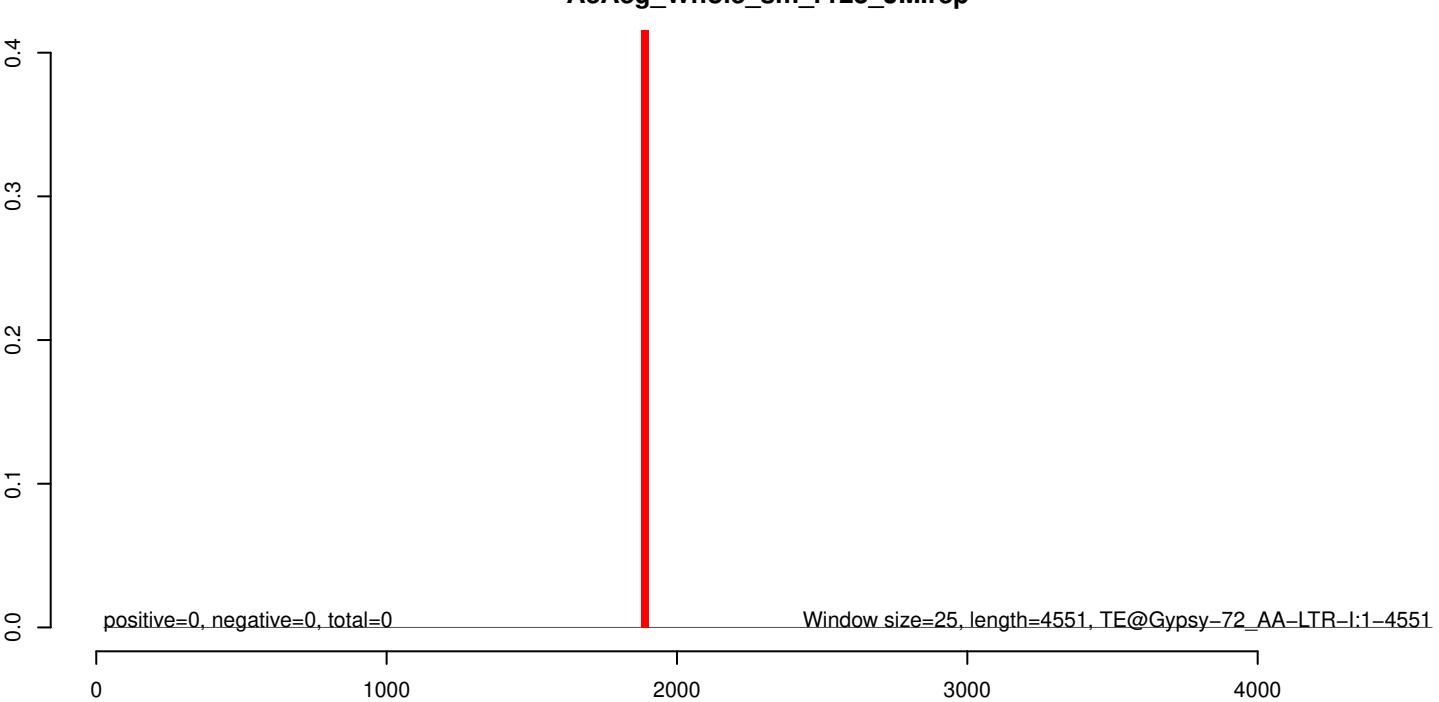
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



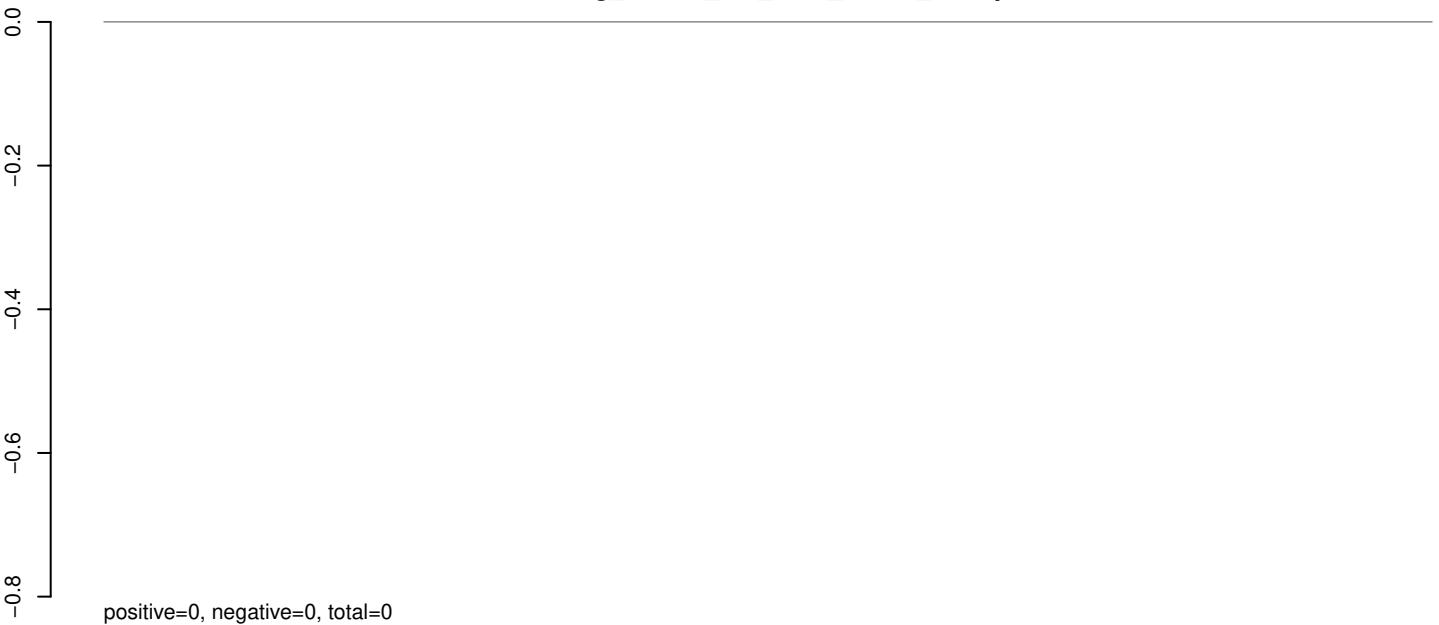
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



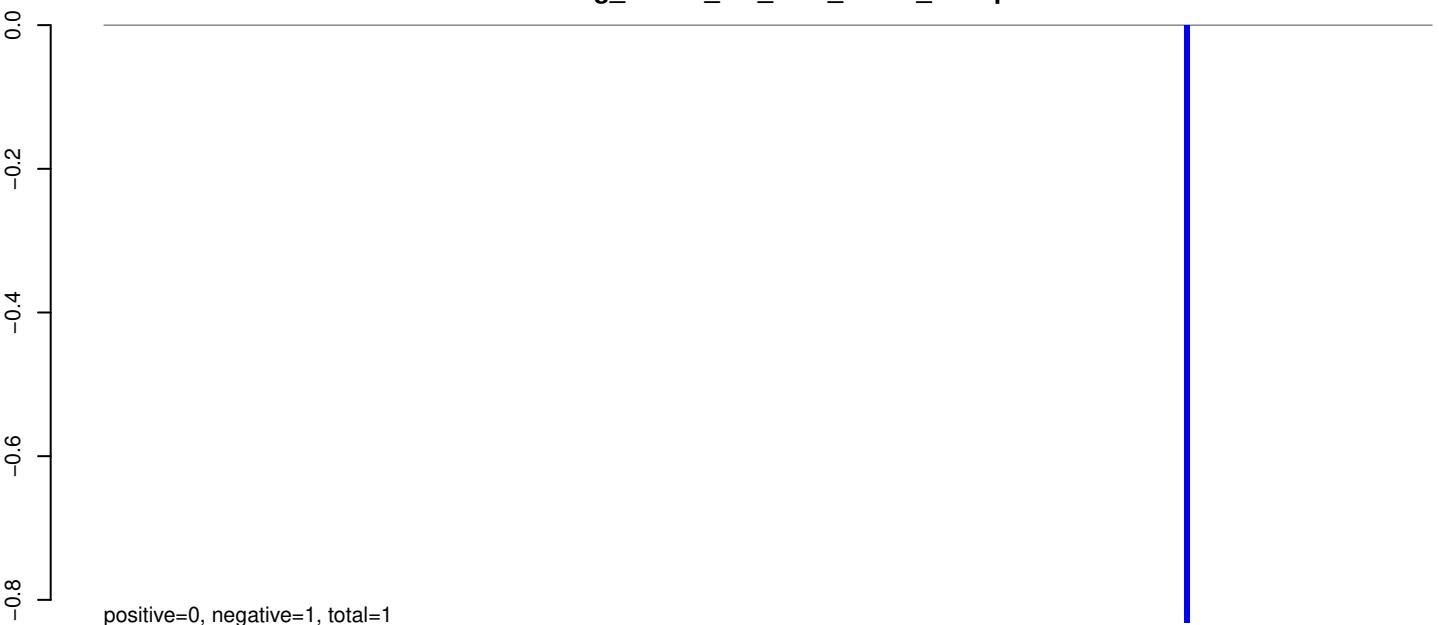
**AeAeg\_Whole\_sm\_r123\_JM.rep**



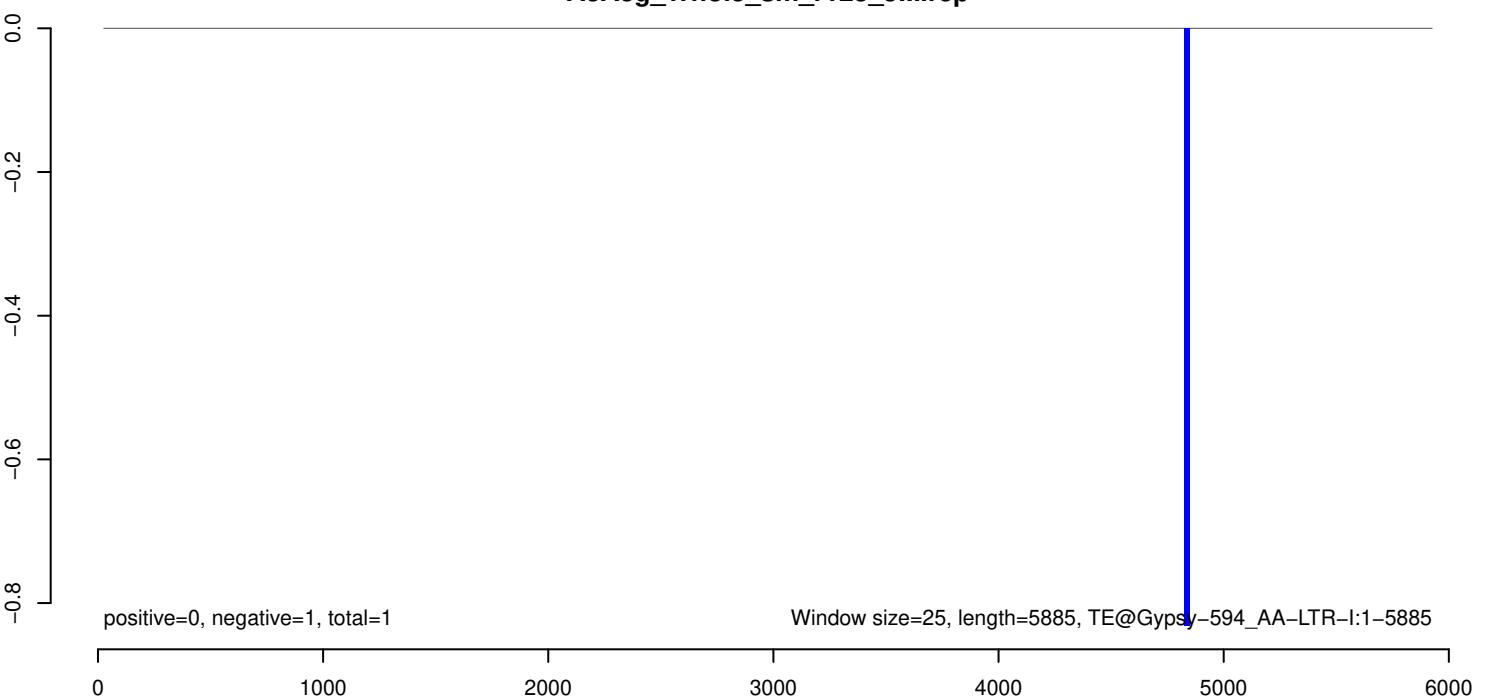
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



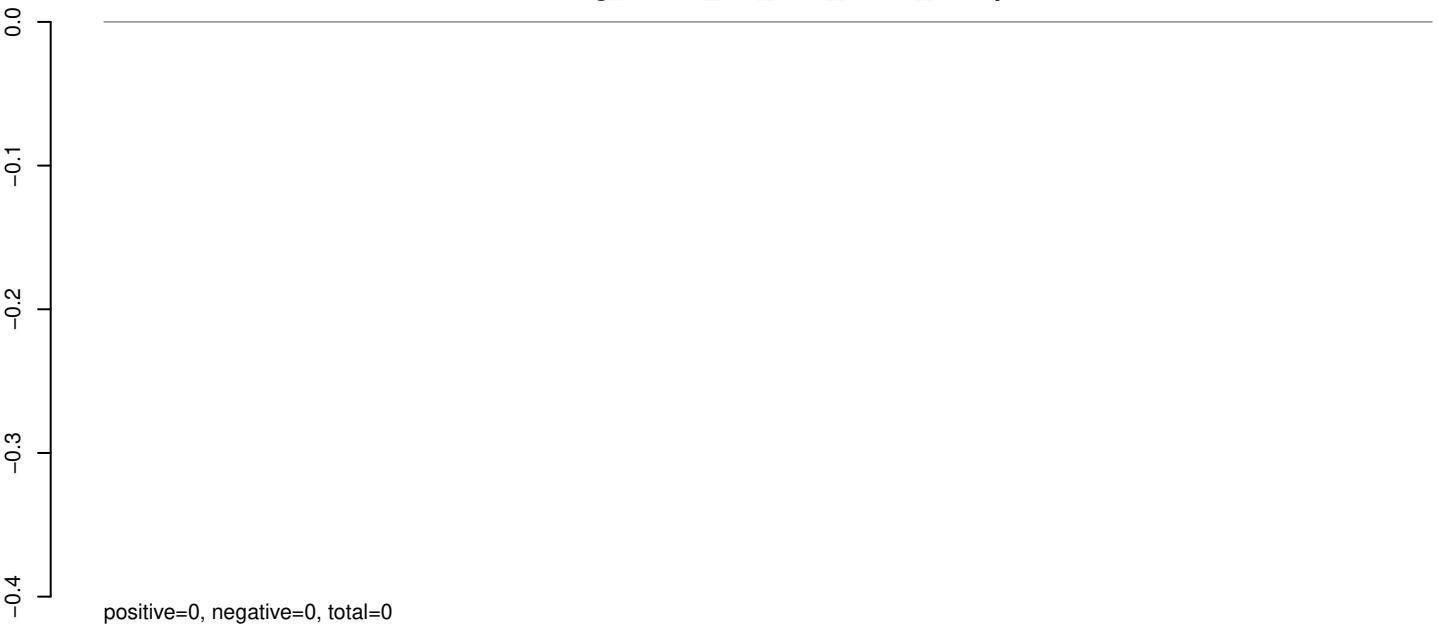
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



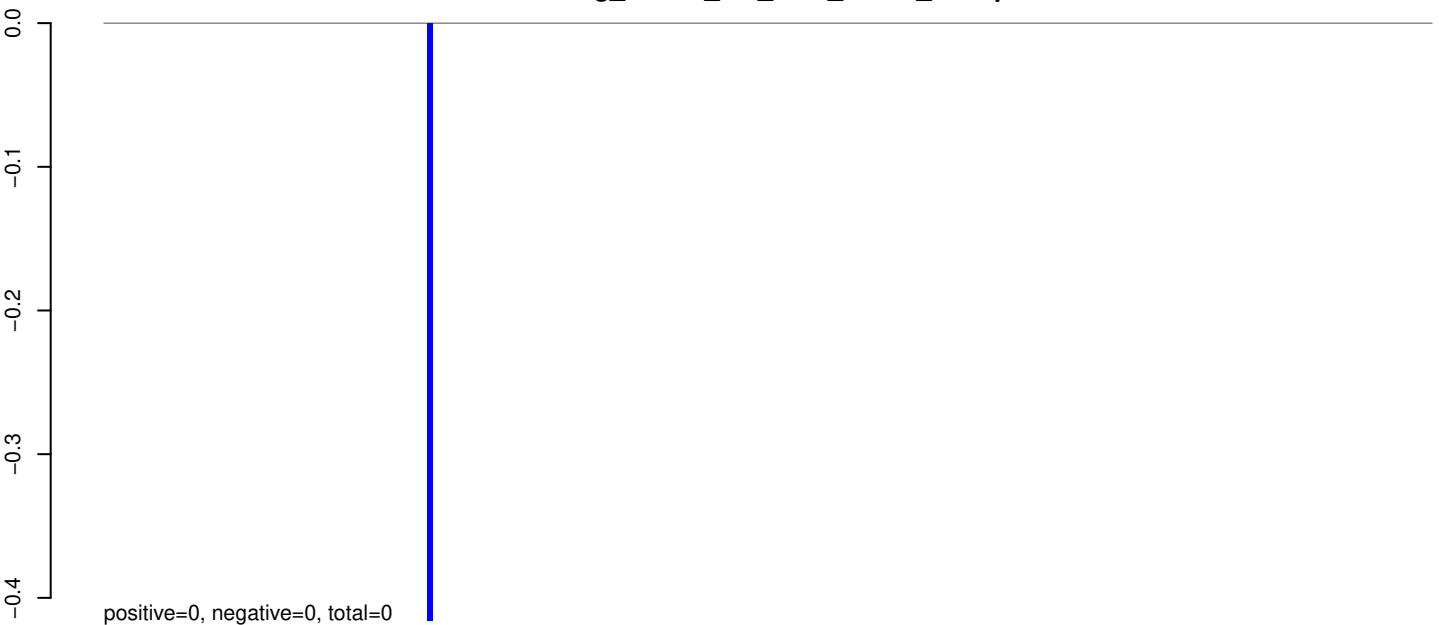
### AeAeg\_Whole\_sm\_r123\_JM.rep



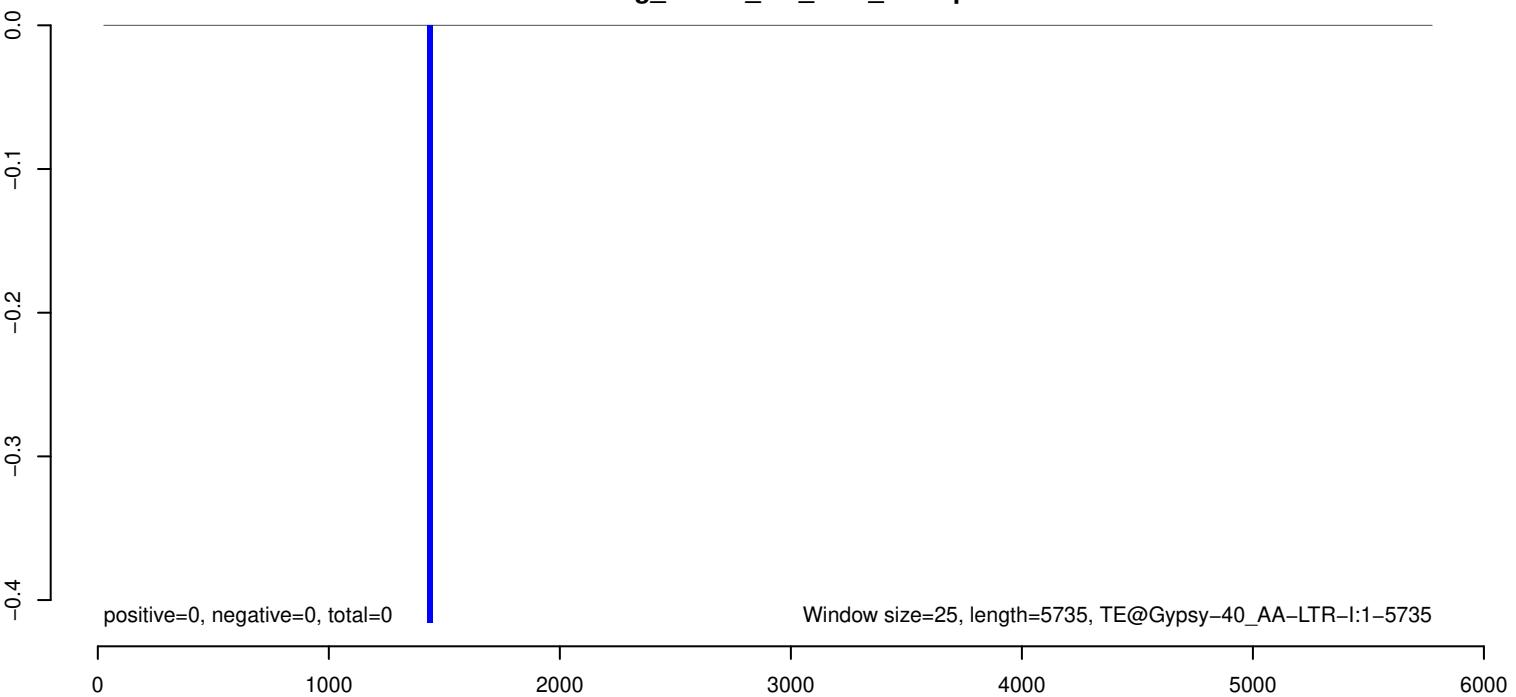
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

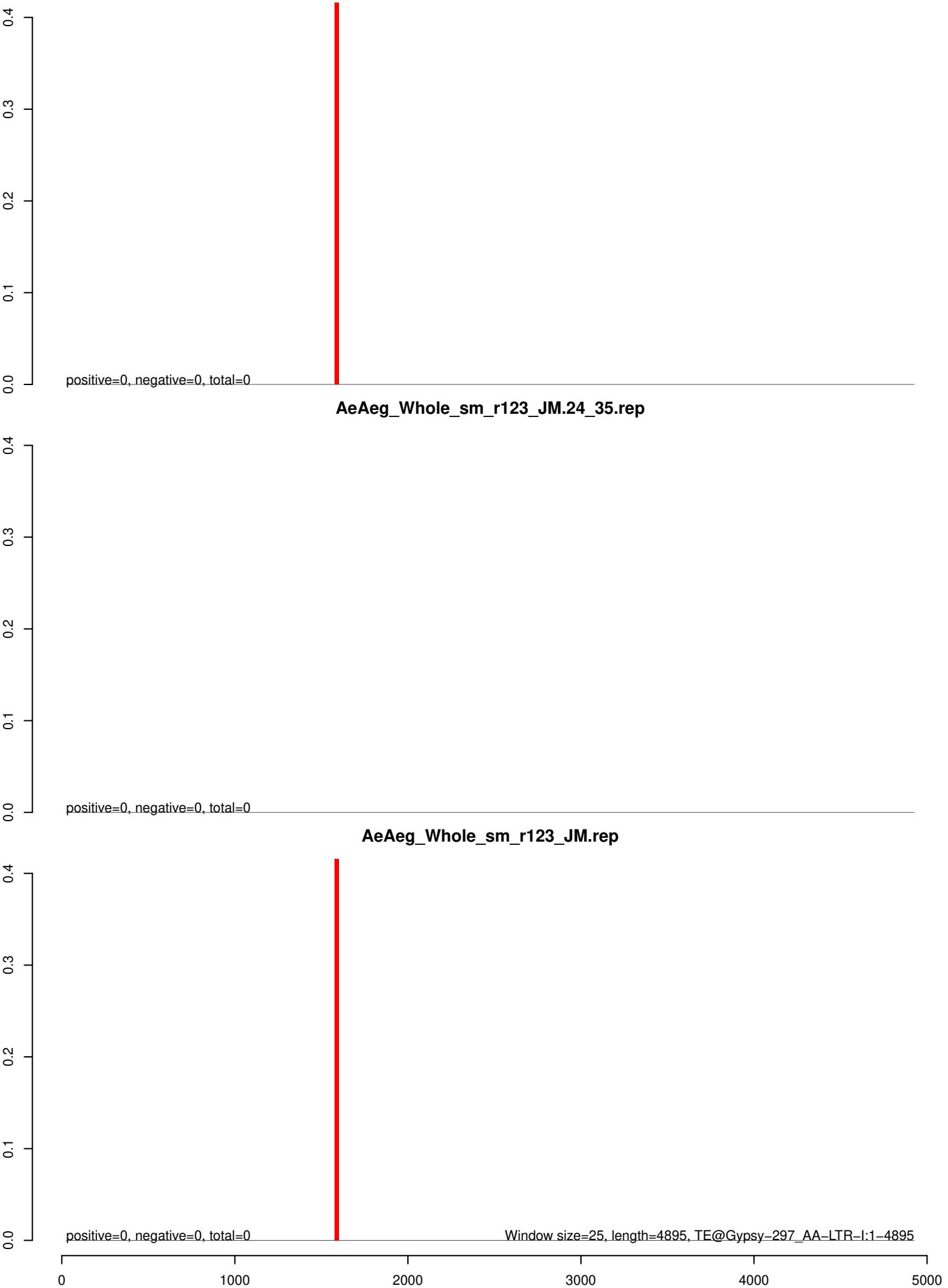
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

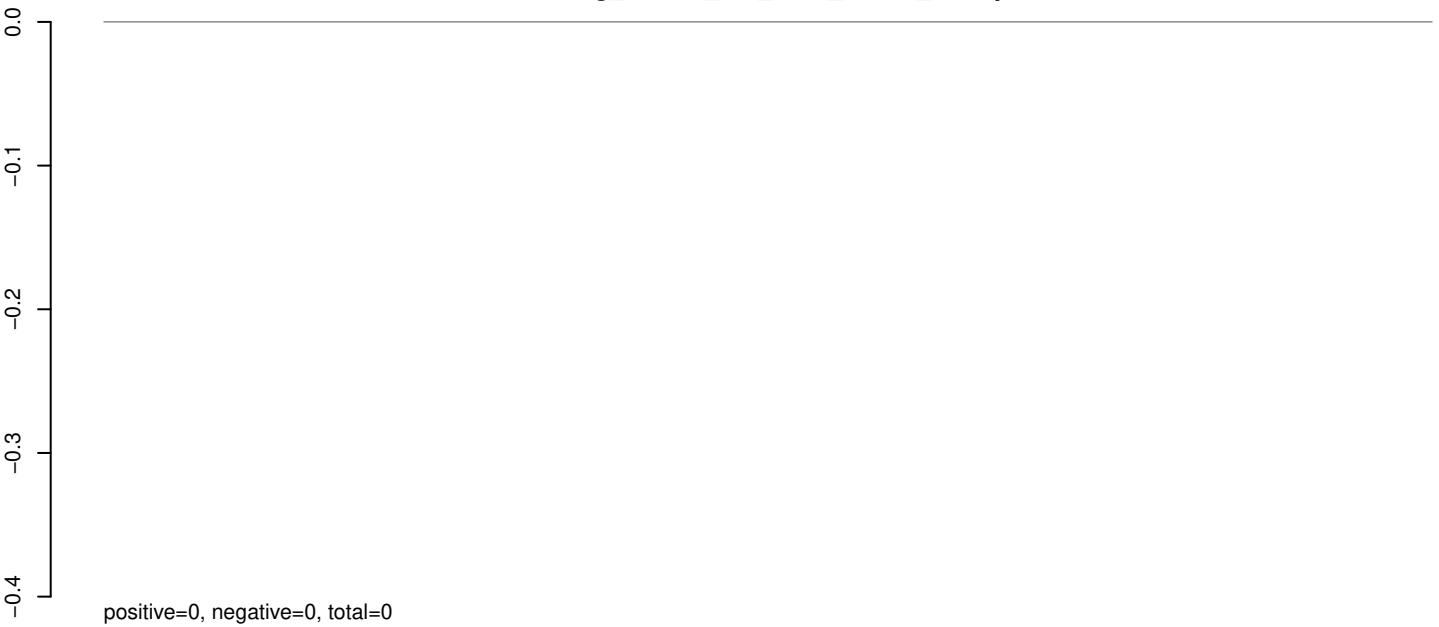
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=0, total=0

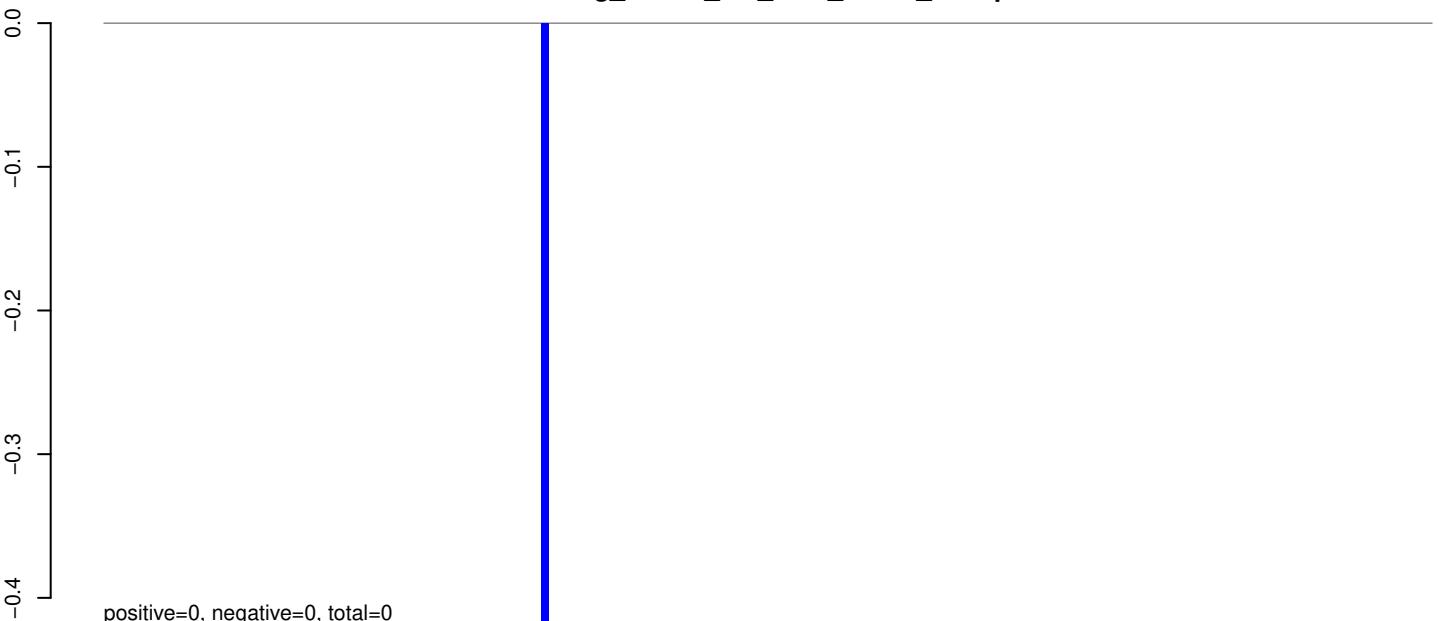
Window size=25, length=4895, TE@Gypsy-297\_AA-LTR-I:1-4895



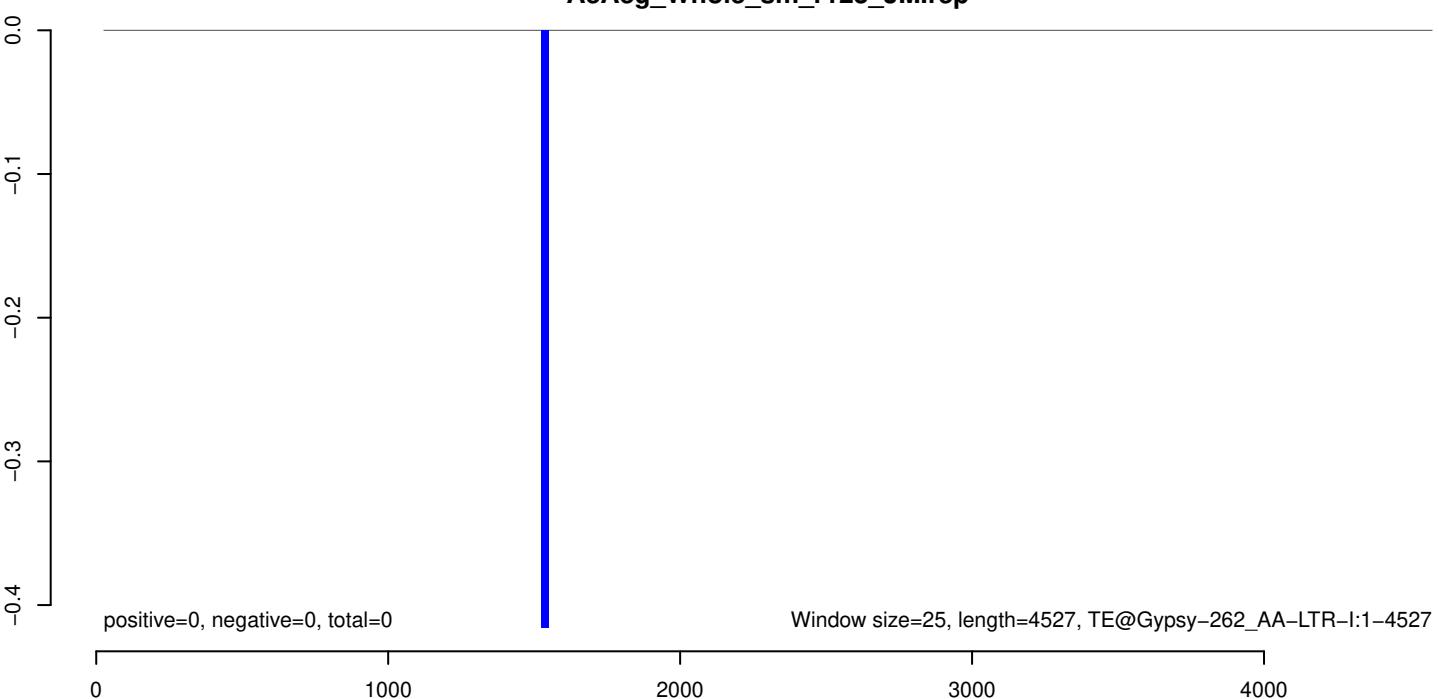
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

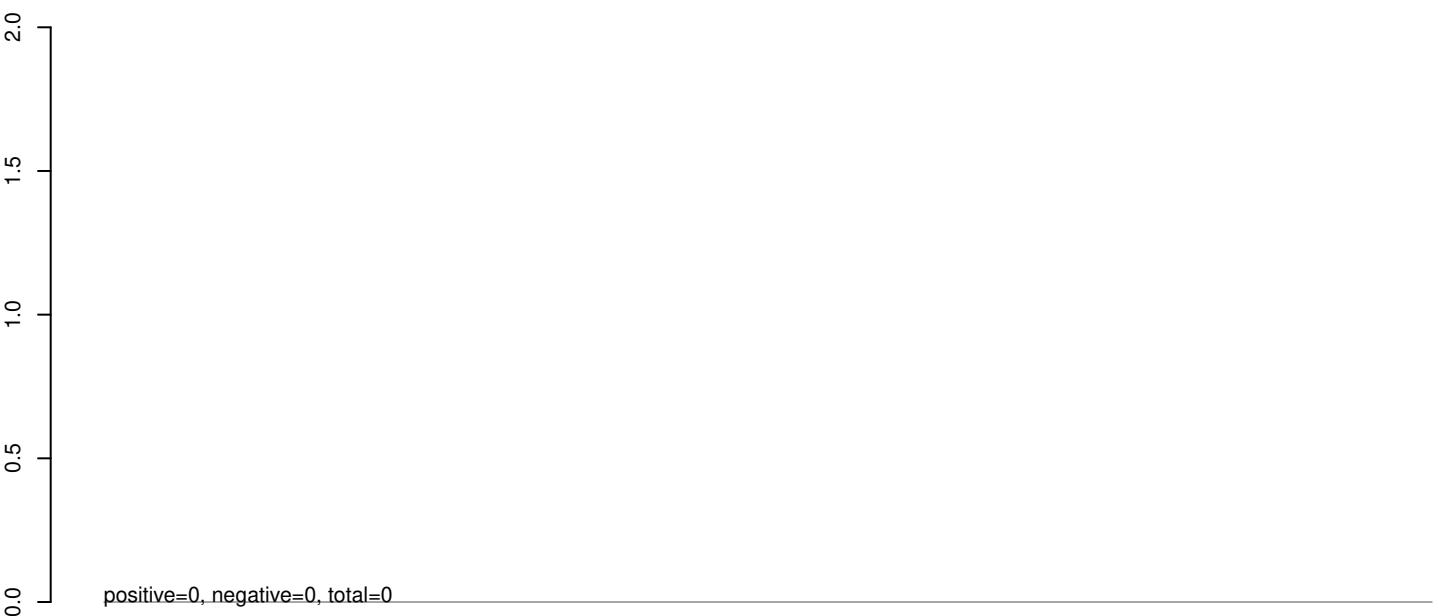
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

Window size=25, length=5246, TE@Gypsy-256\_AA-LTR-I:1-5246

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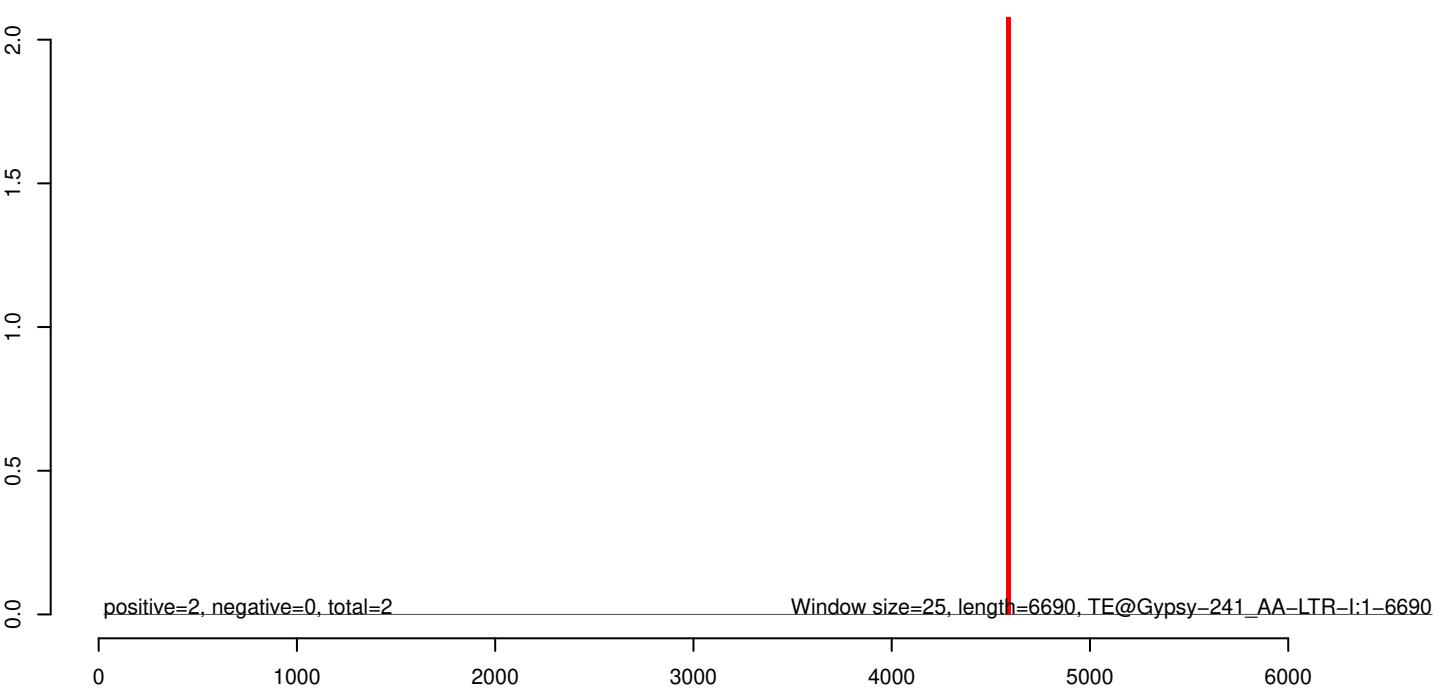
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

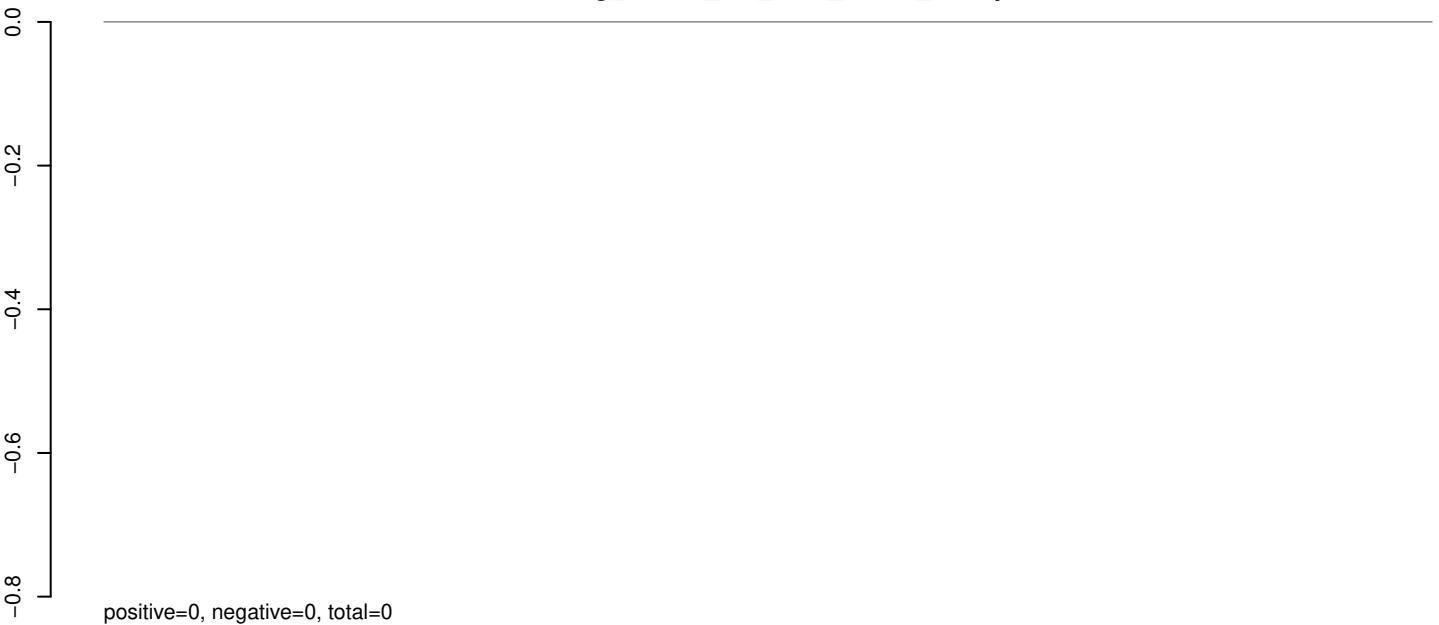
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

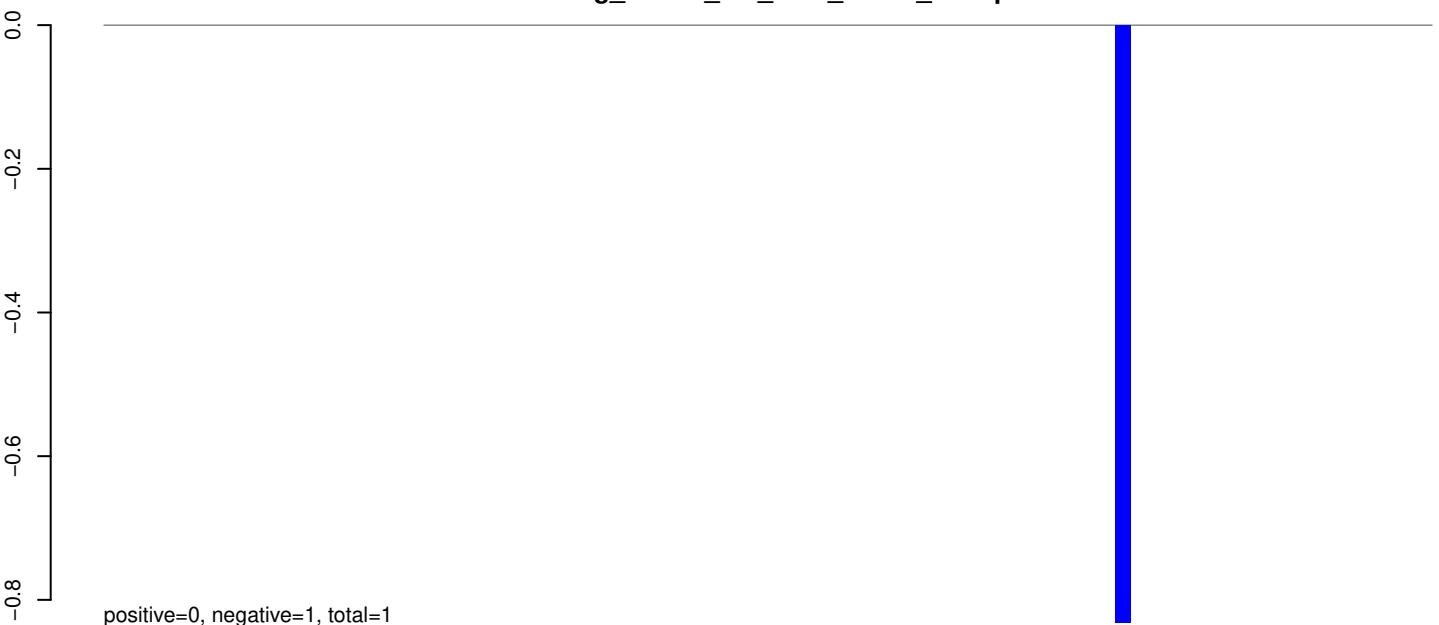
Window size=25, length=3289, TE@Gypsy-227\_AA-LTR-I:1-3289

0 500 1000 1500 2000 2500 3000

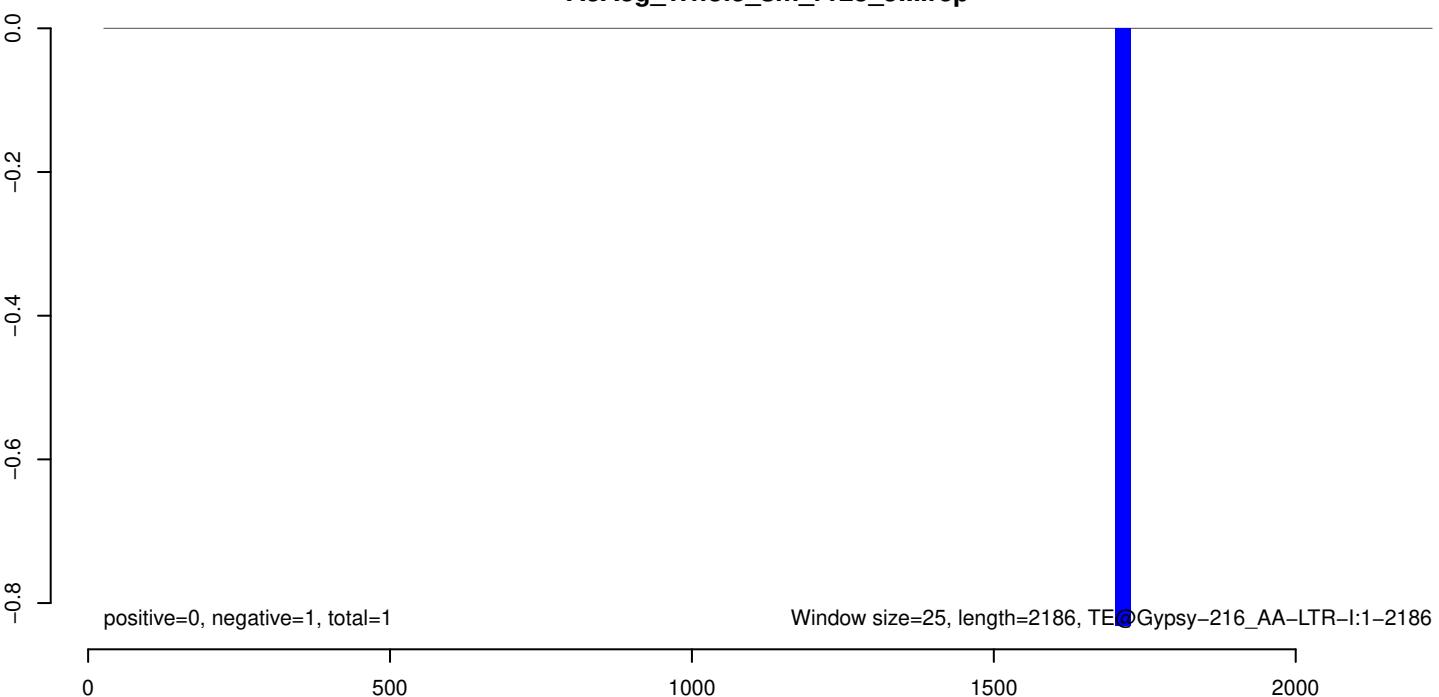
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



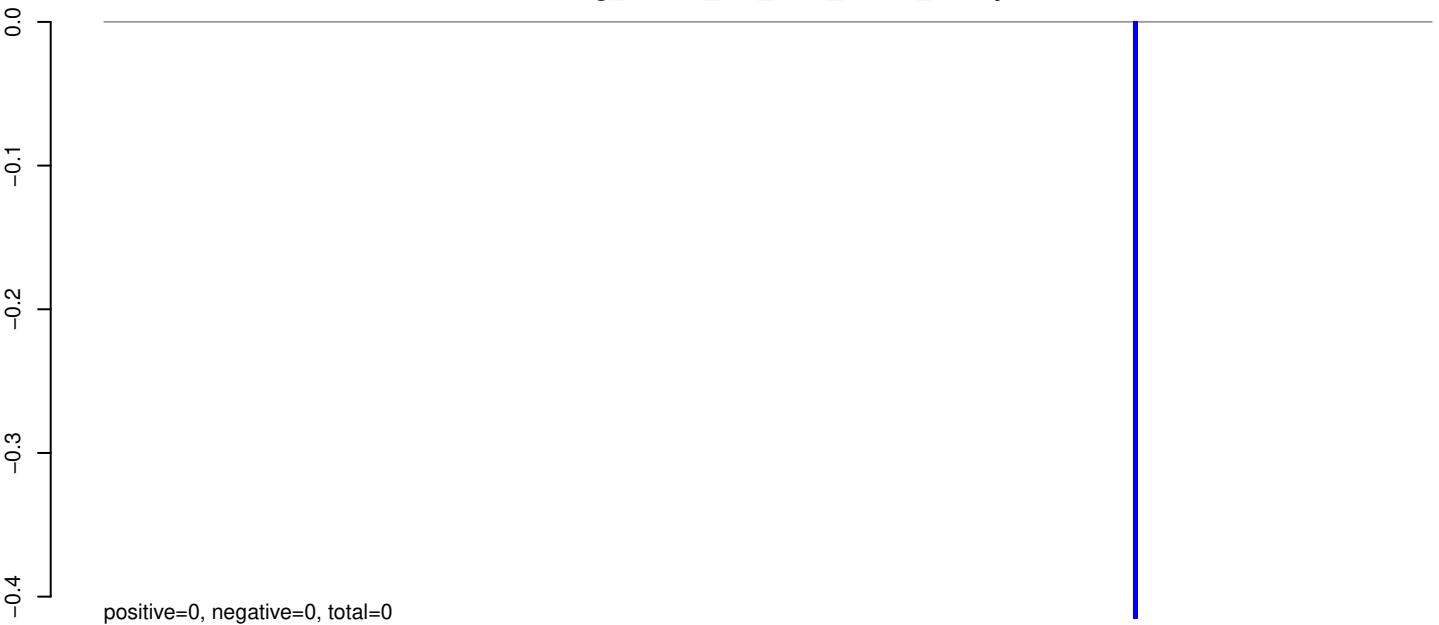
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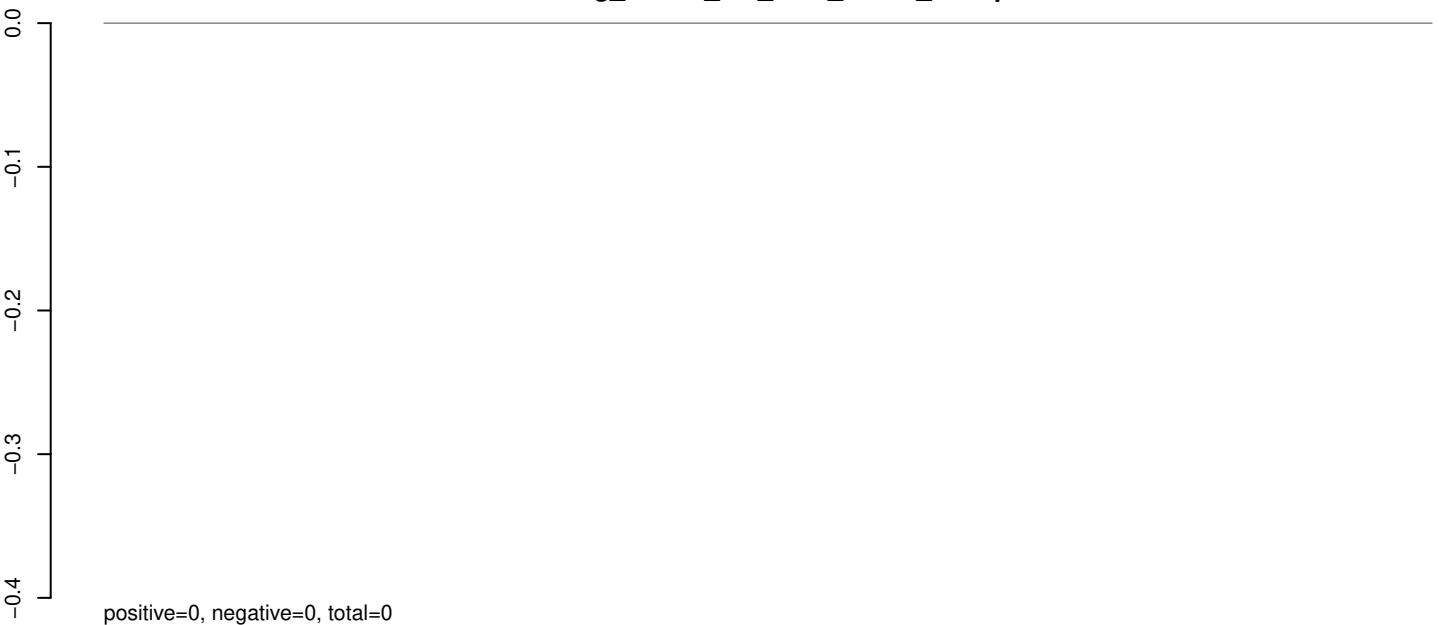
### AeAeg\_Whole\_sm\_r123\_JM.rep



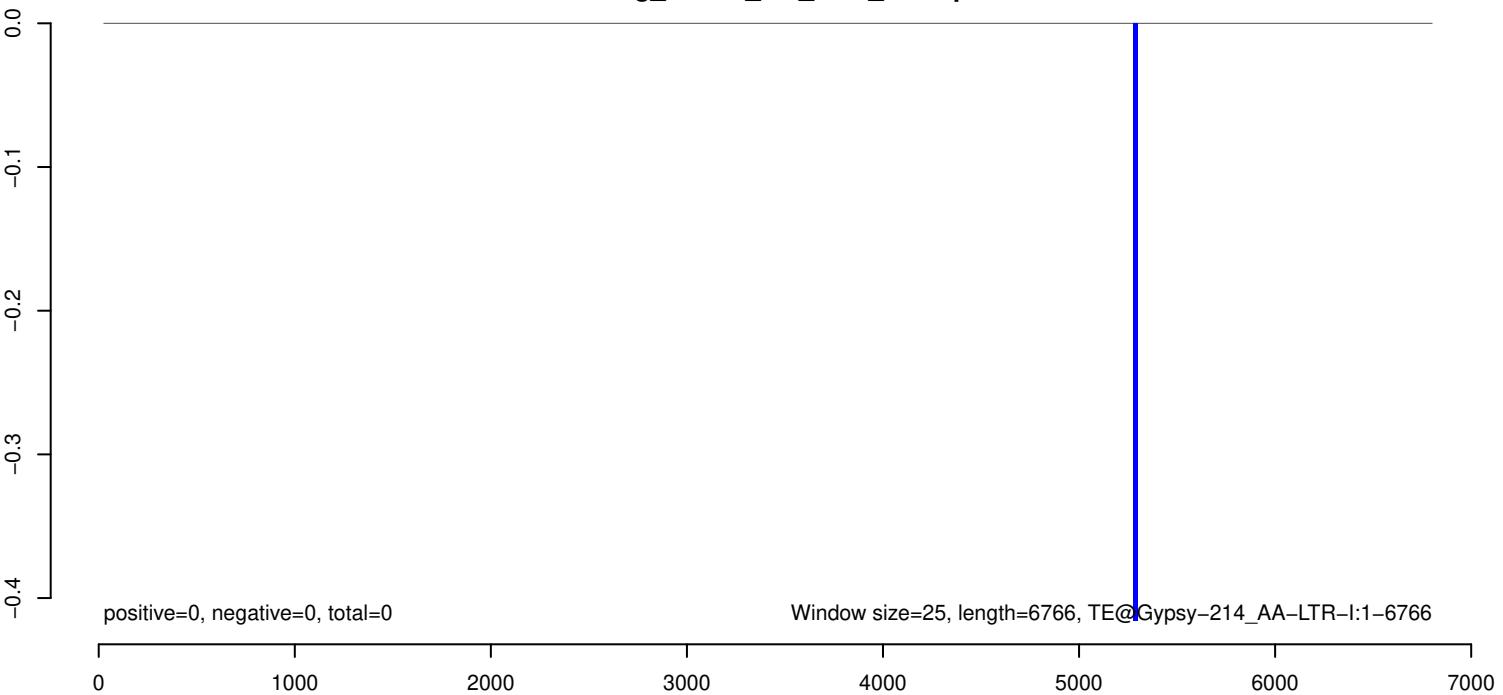
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



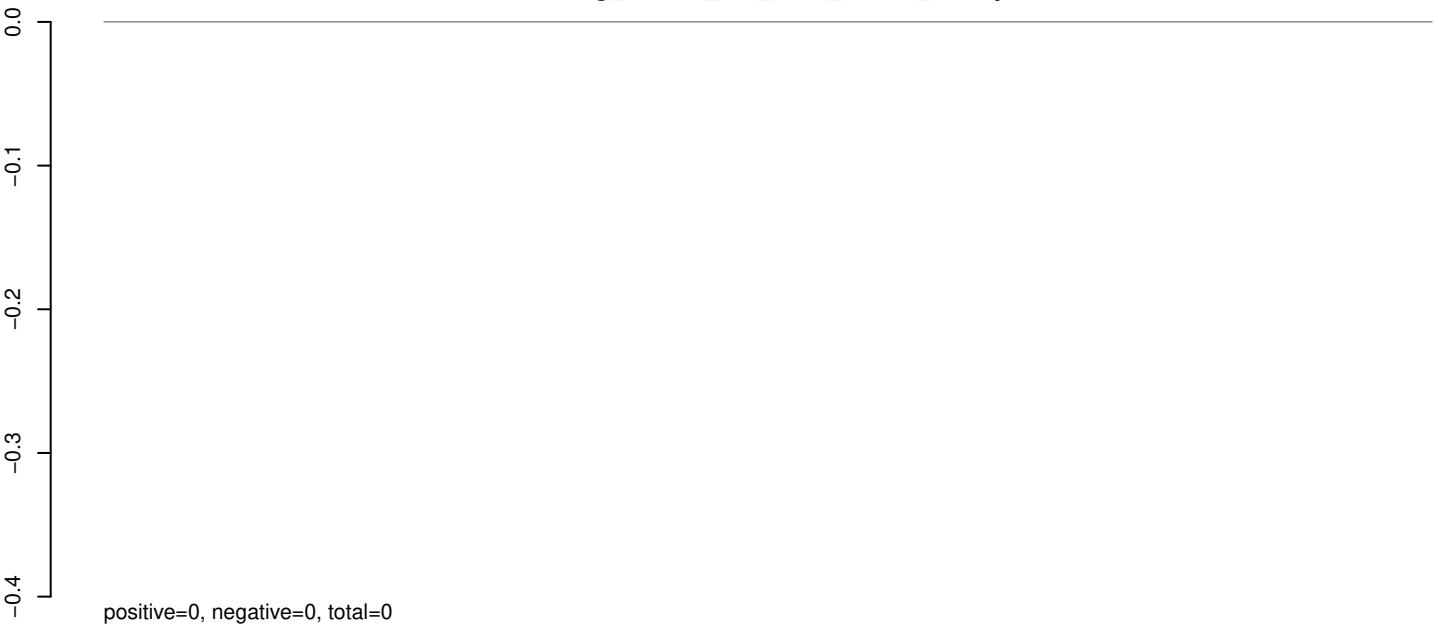
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



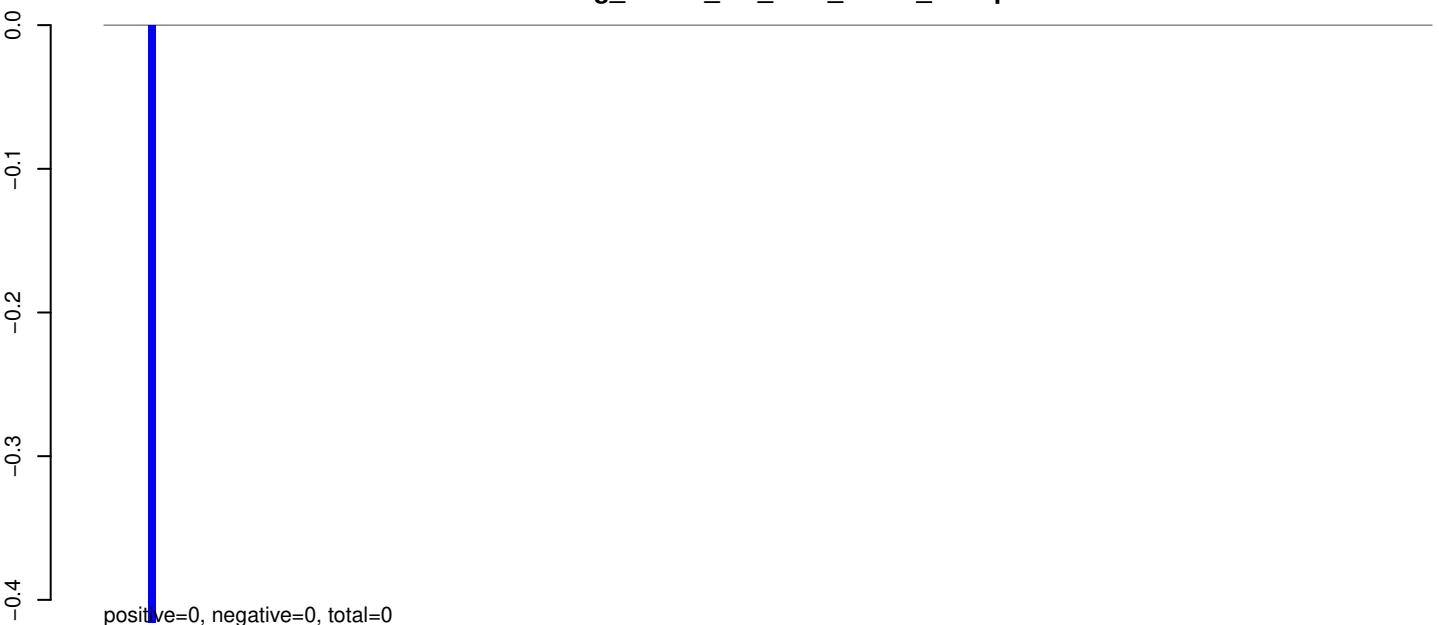
### AeAeg\_Whole\_sm\_r123\_JM.rep



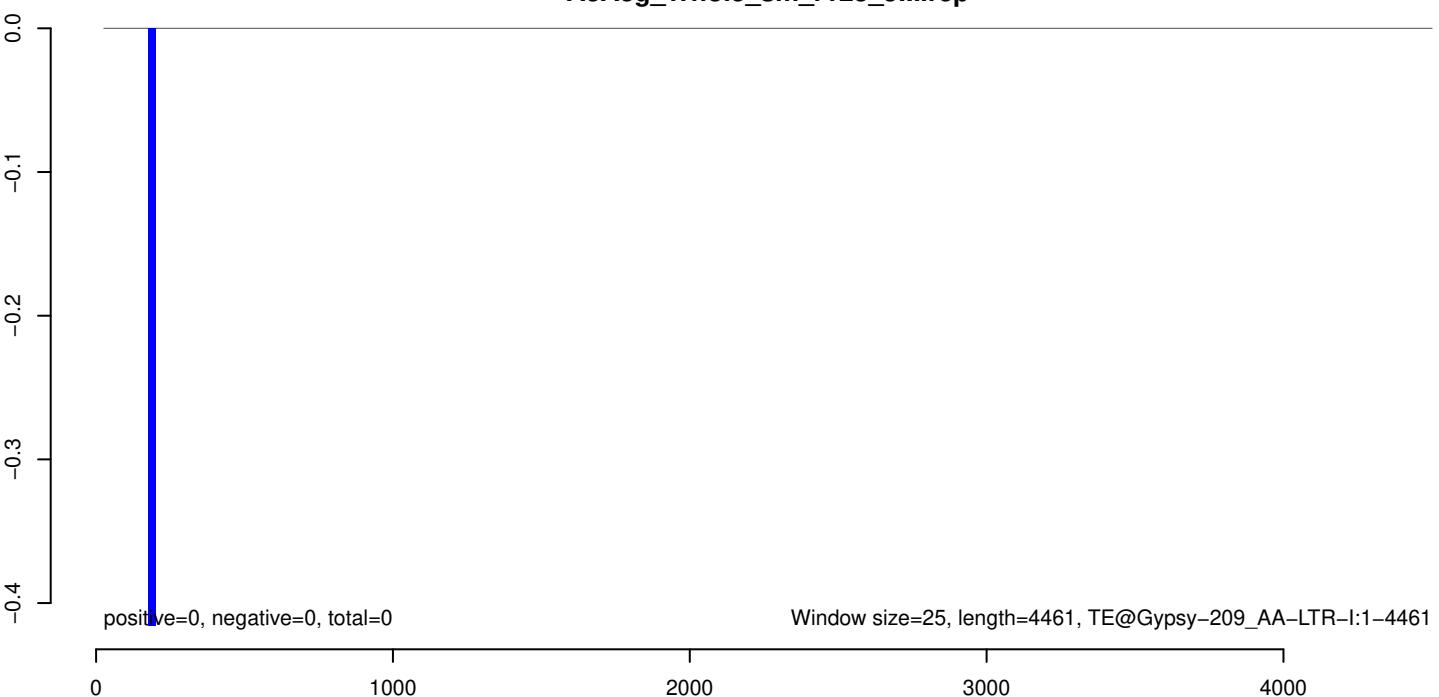
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



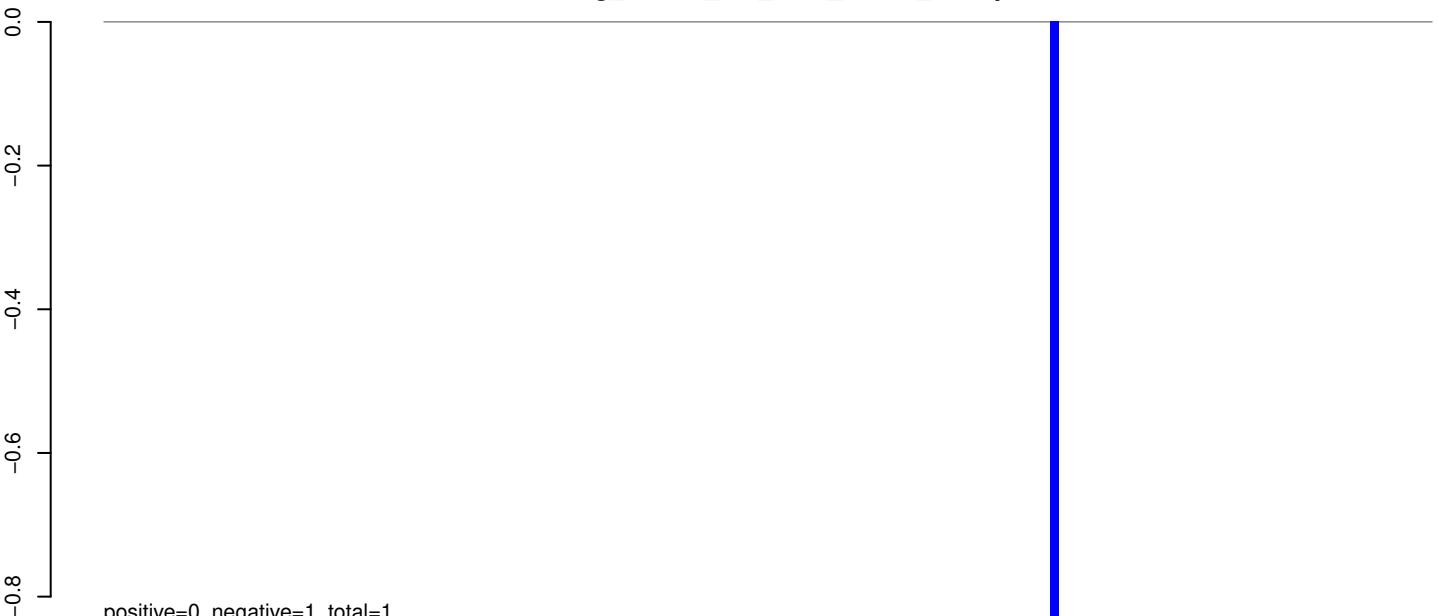
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



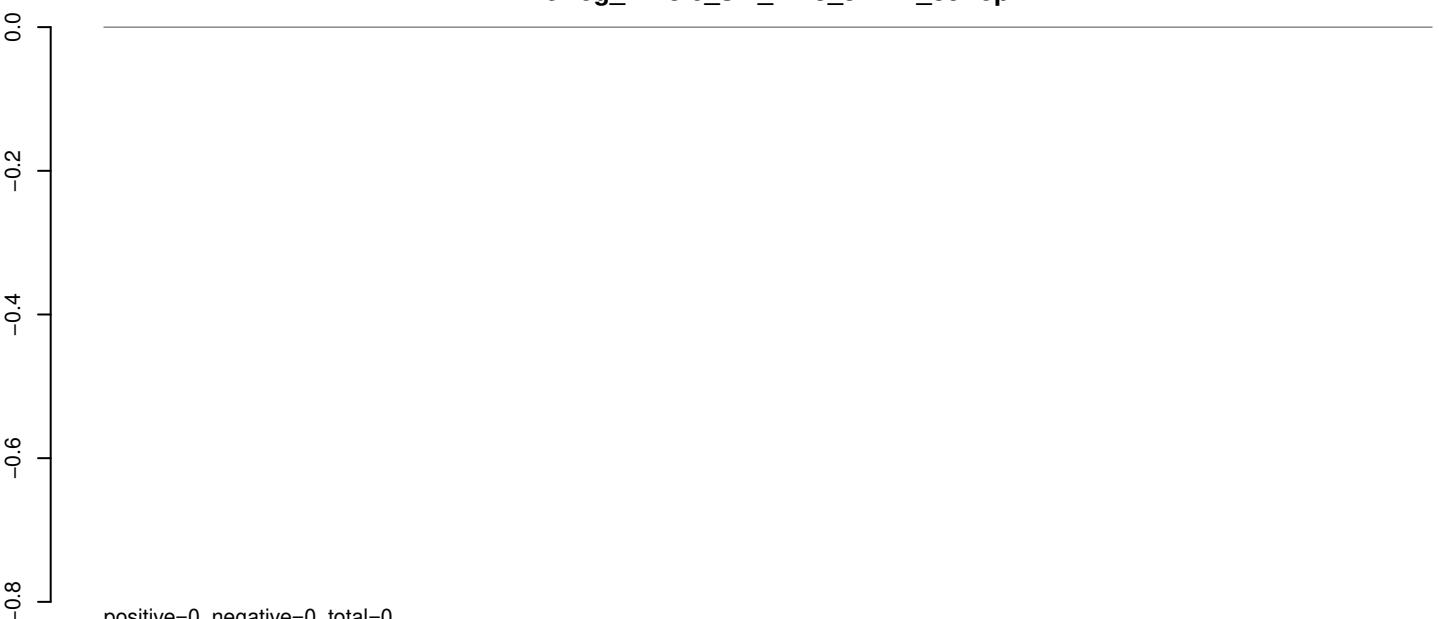
### AeAeg\_Whole\_sm\_r123\_JM.rep



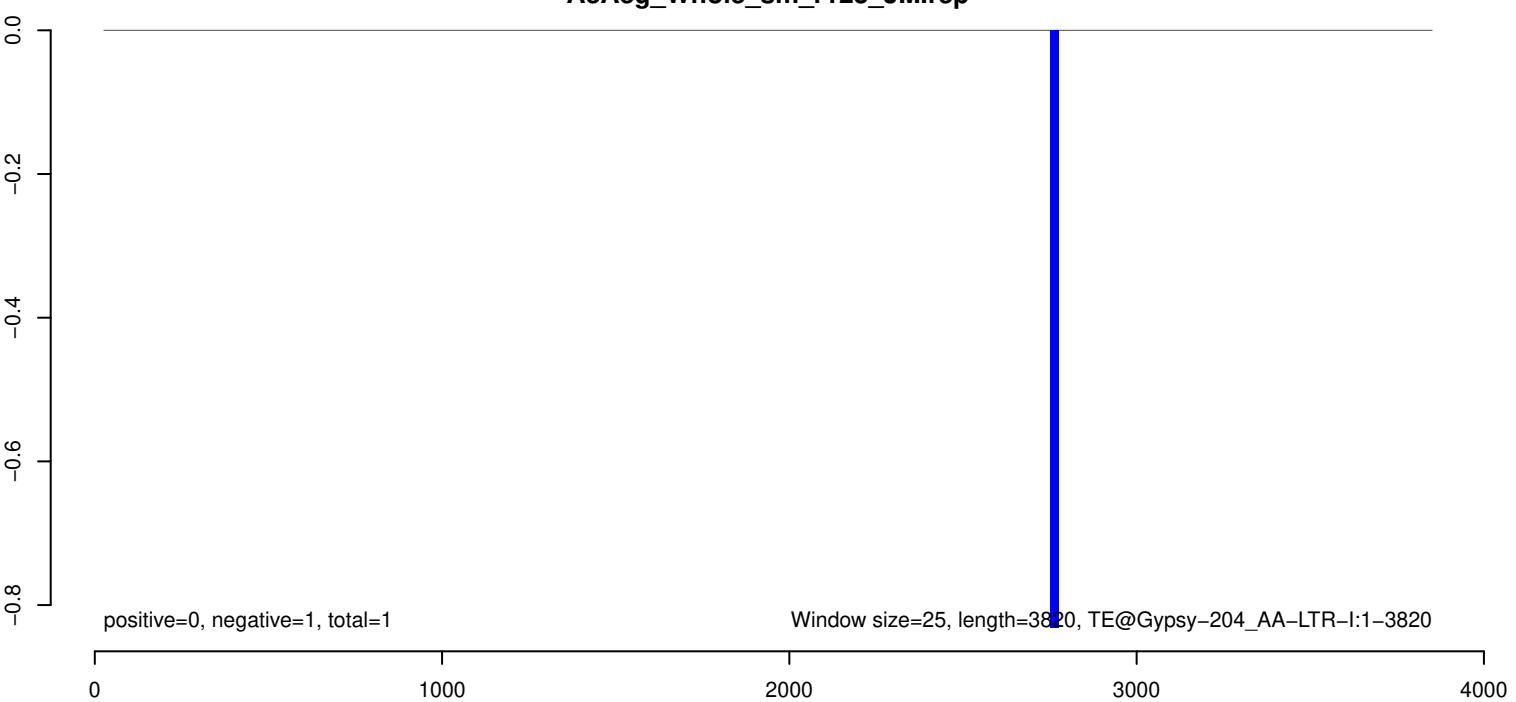
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



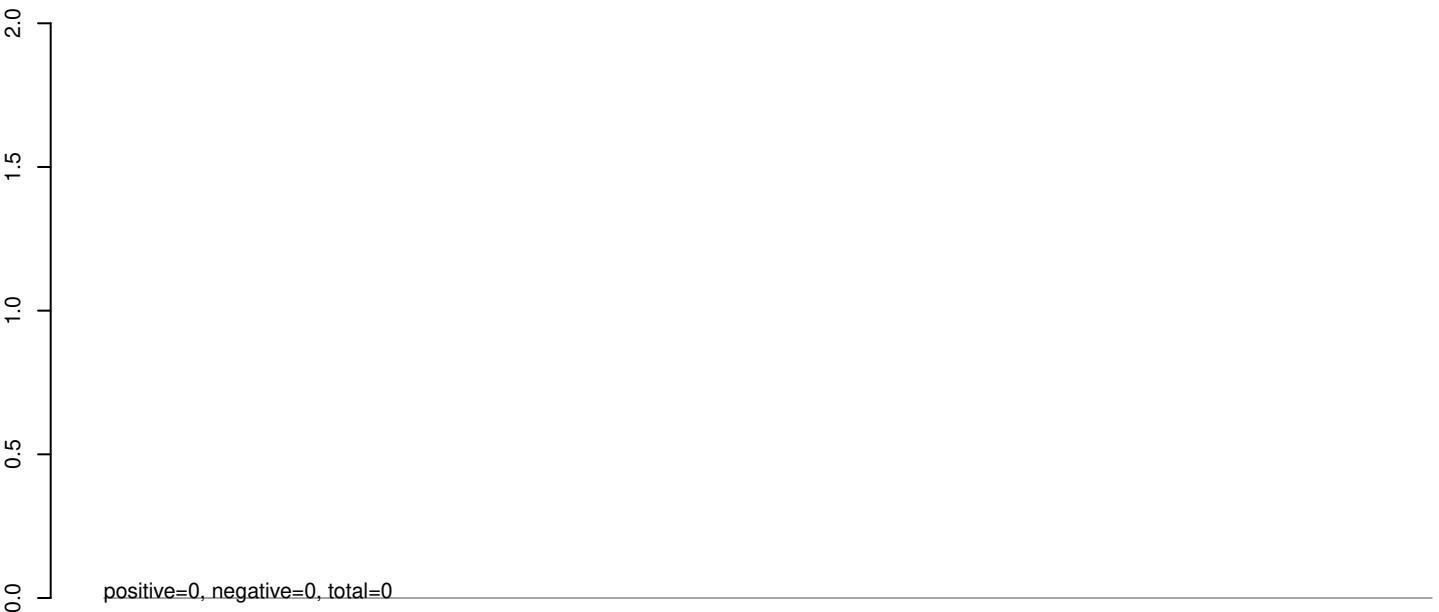
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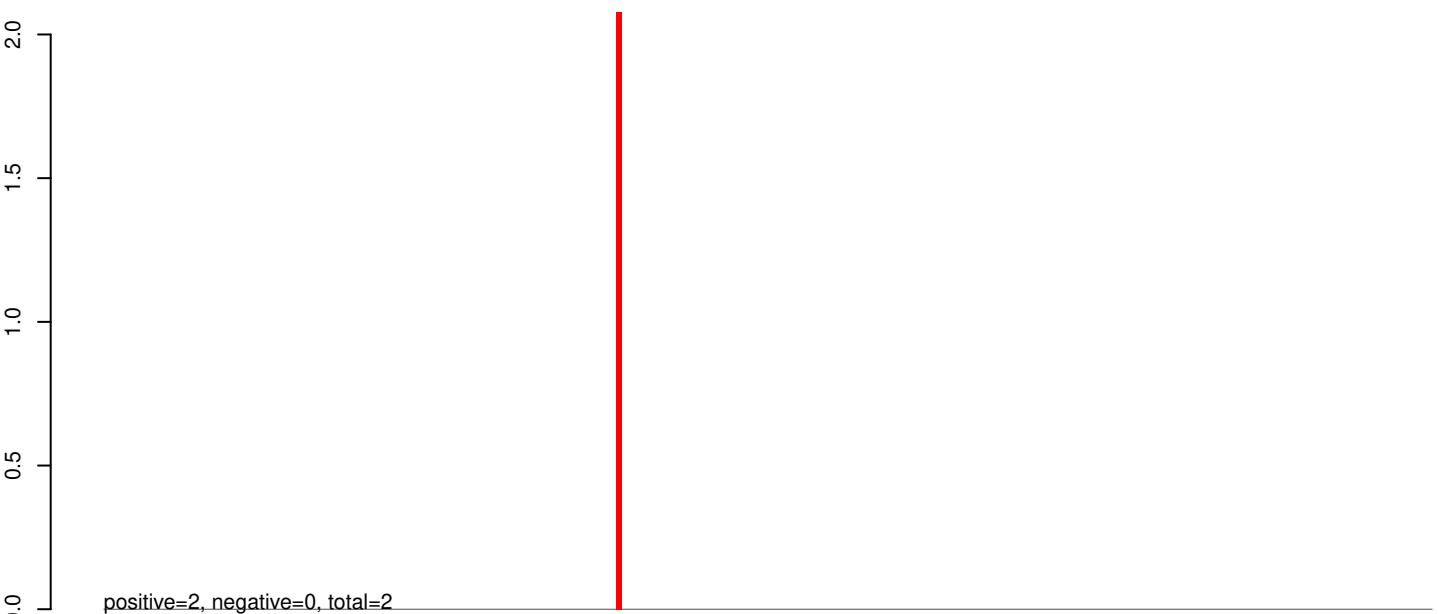
### AeAeg\_Whole\_sm\_r123\_JM.rep



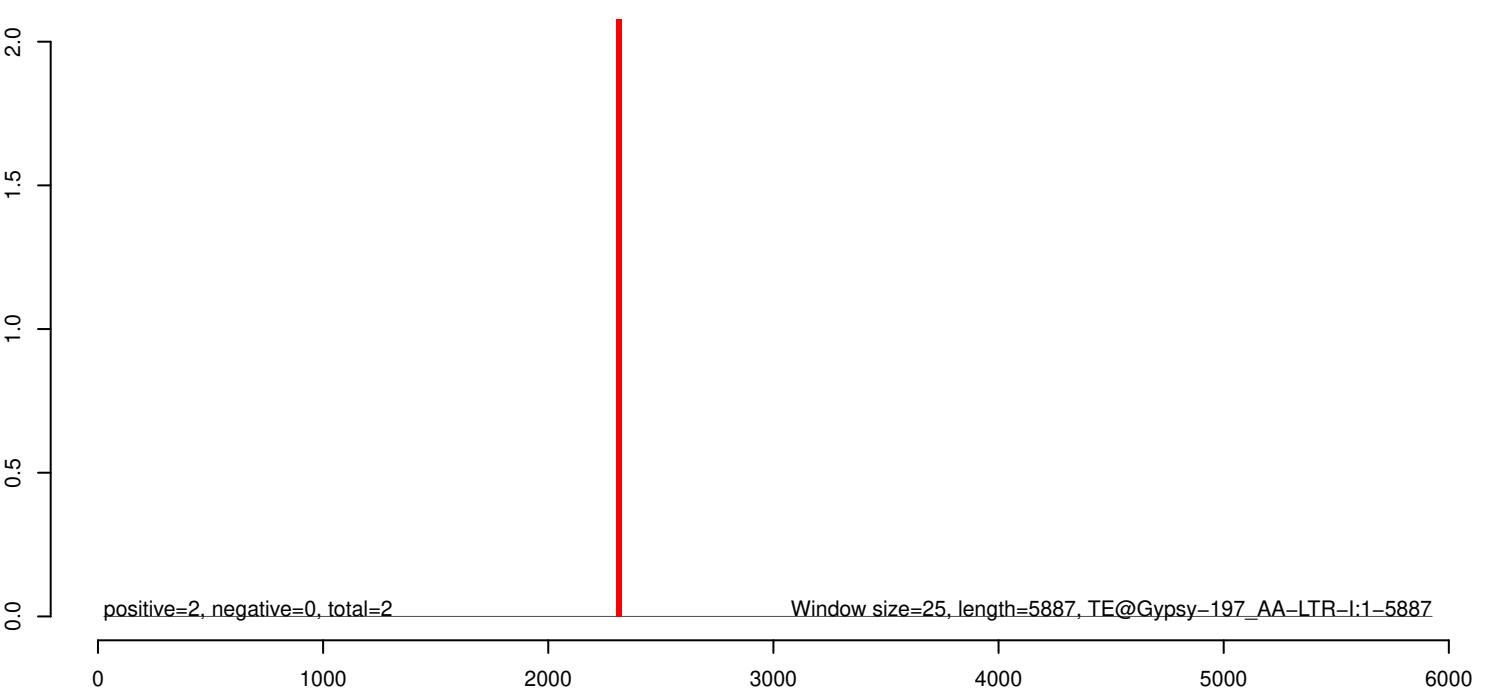
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



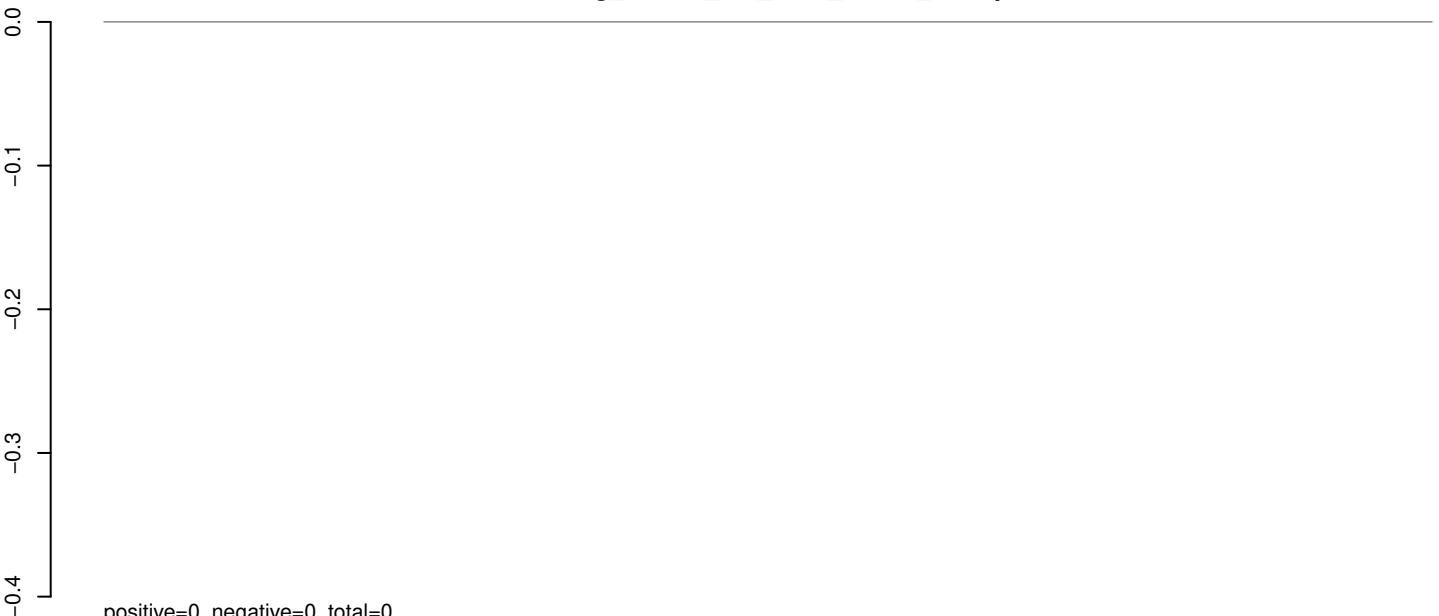
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



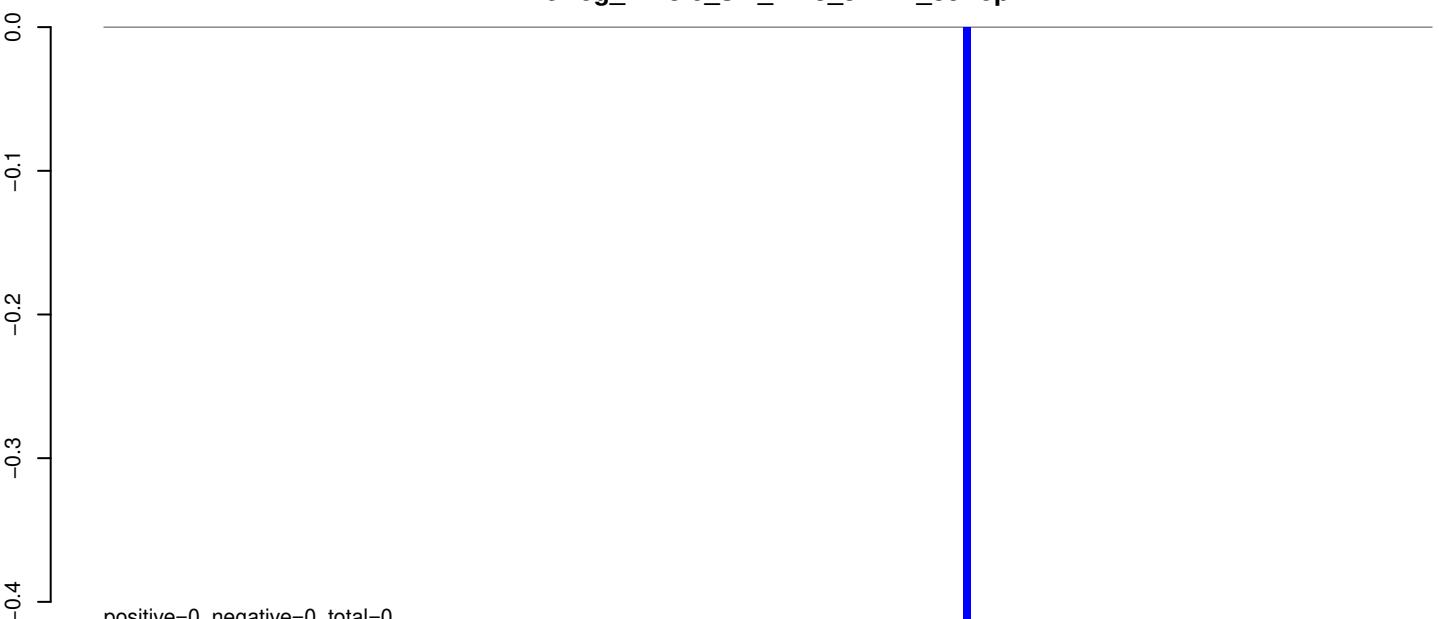
**AeAeg\_Whole\_sm\_r123\_JM.rep**



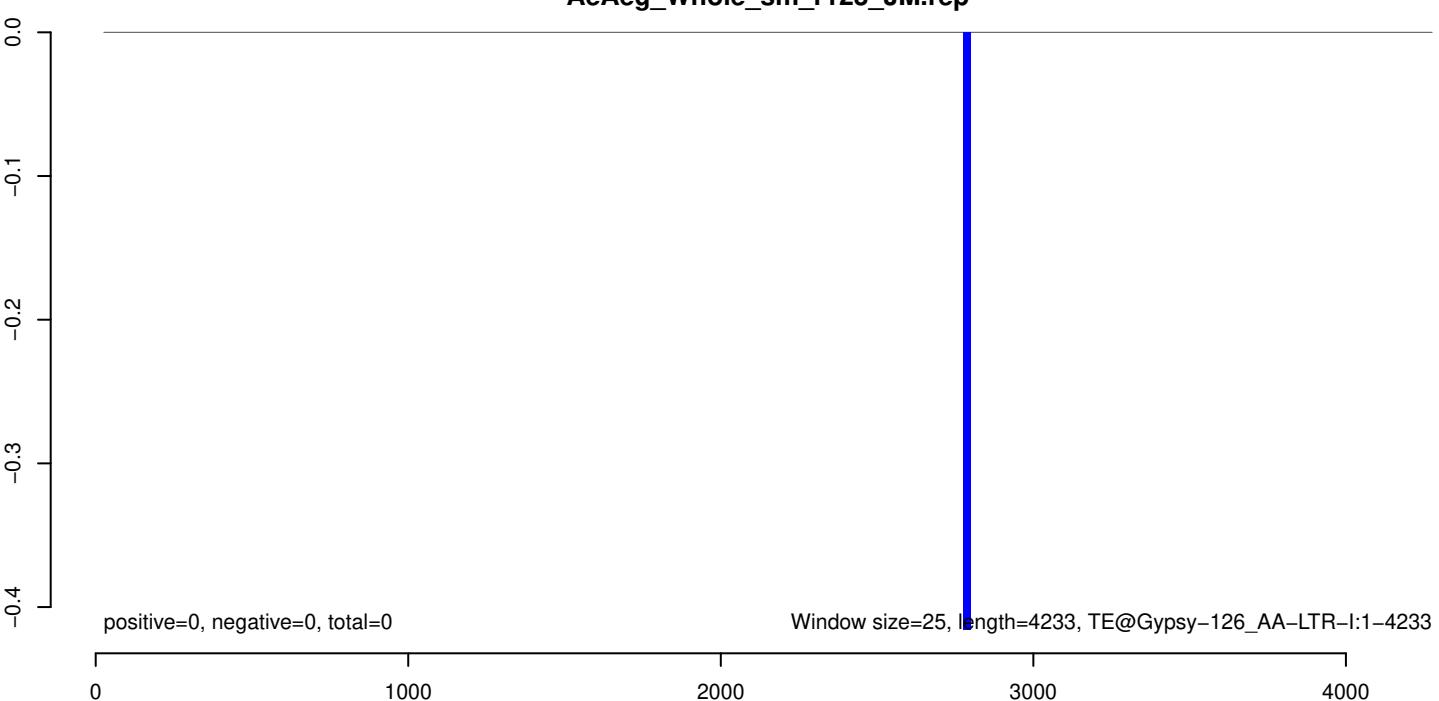
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



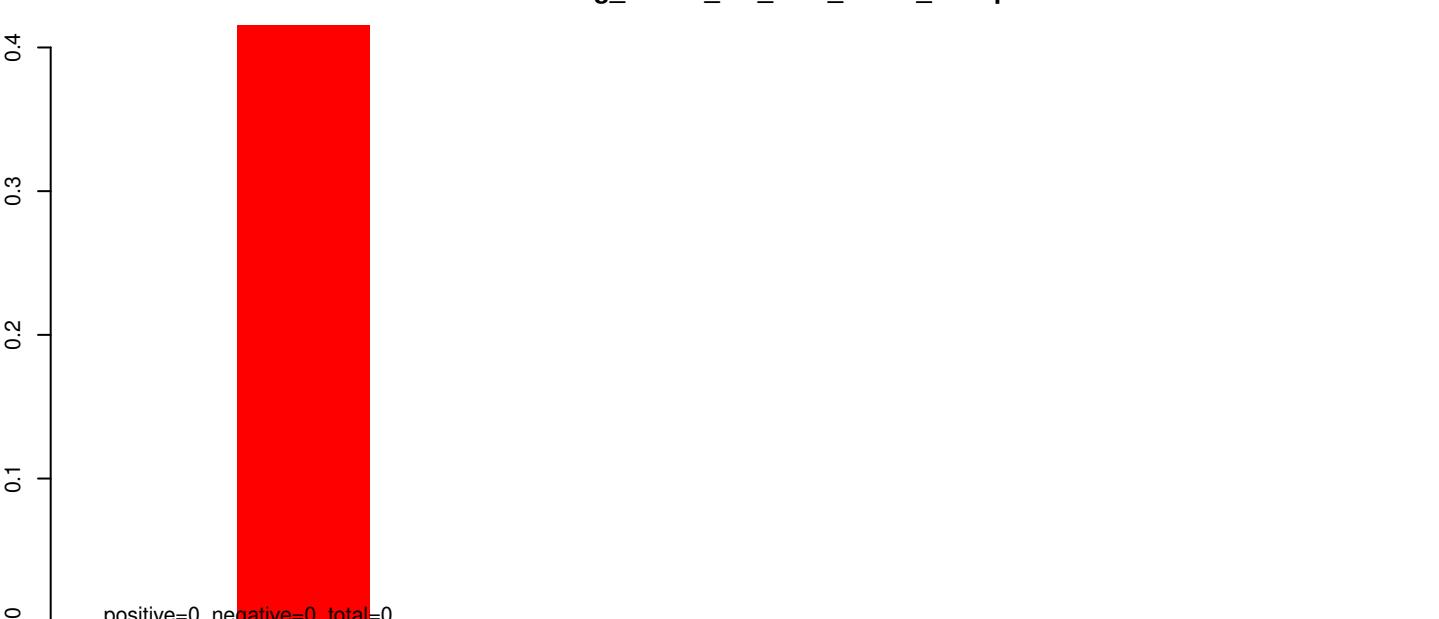
### AeAeg\_Whole\_sm\_r123\_JM.rep



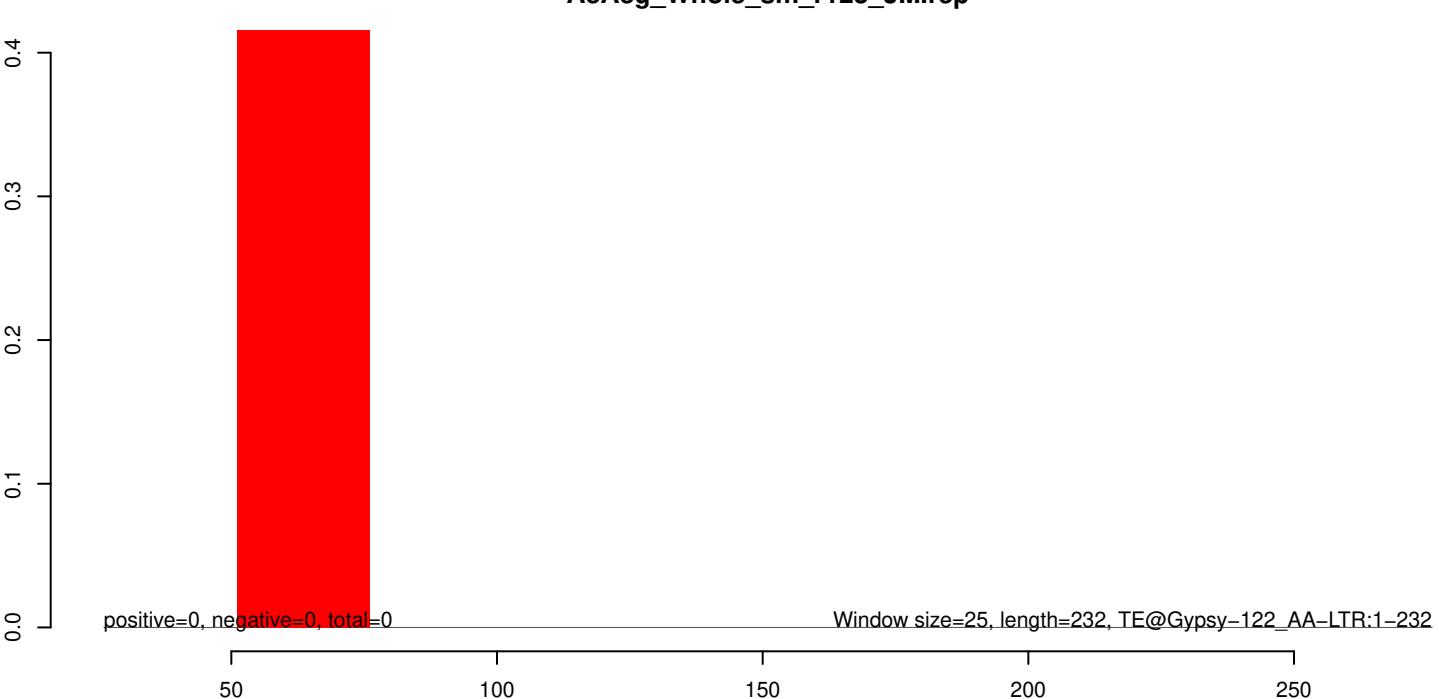
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



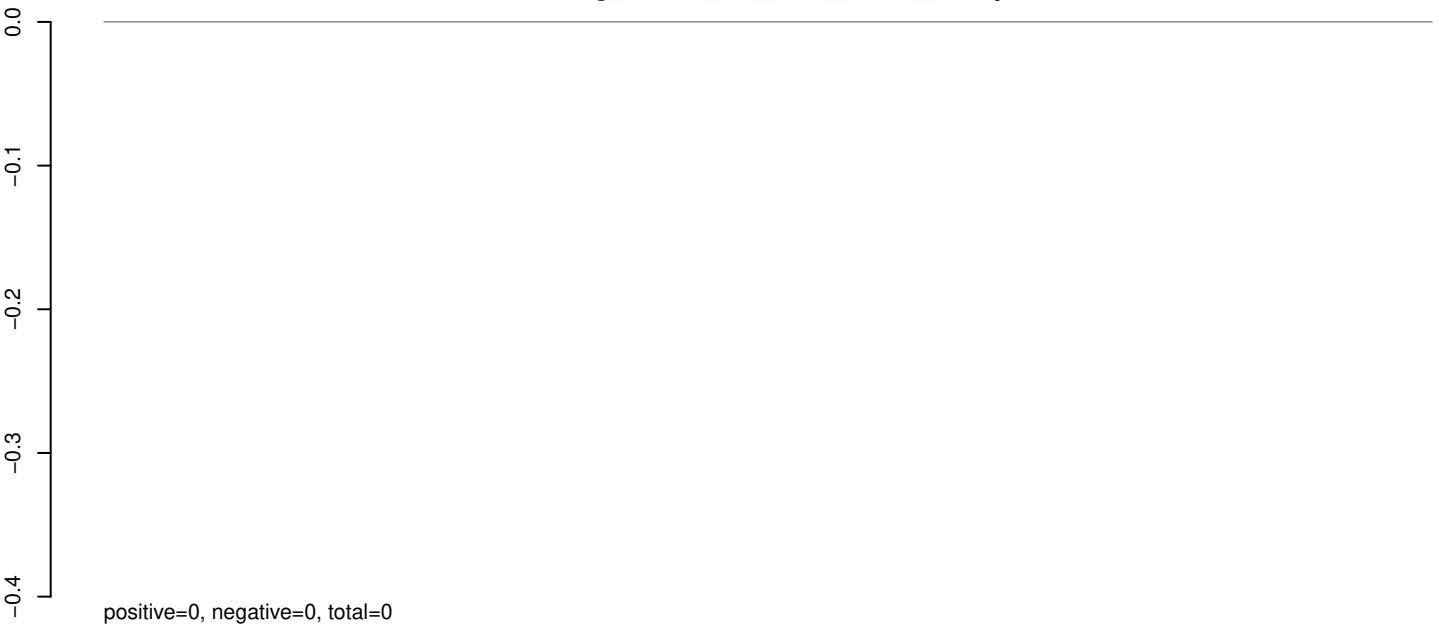
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



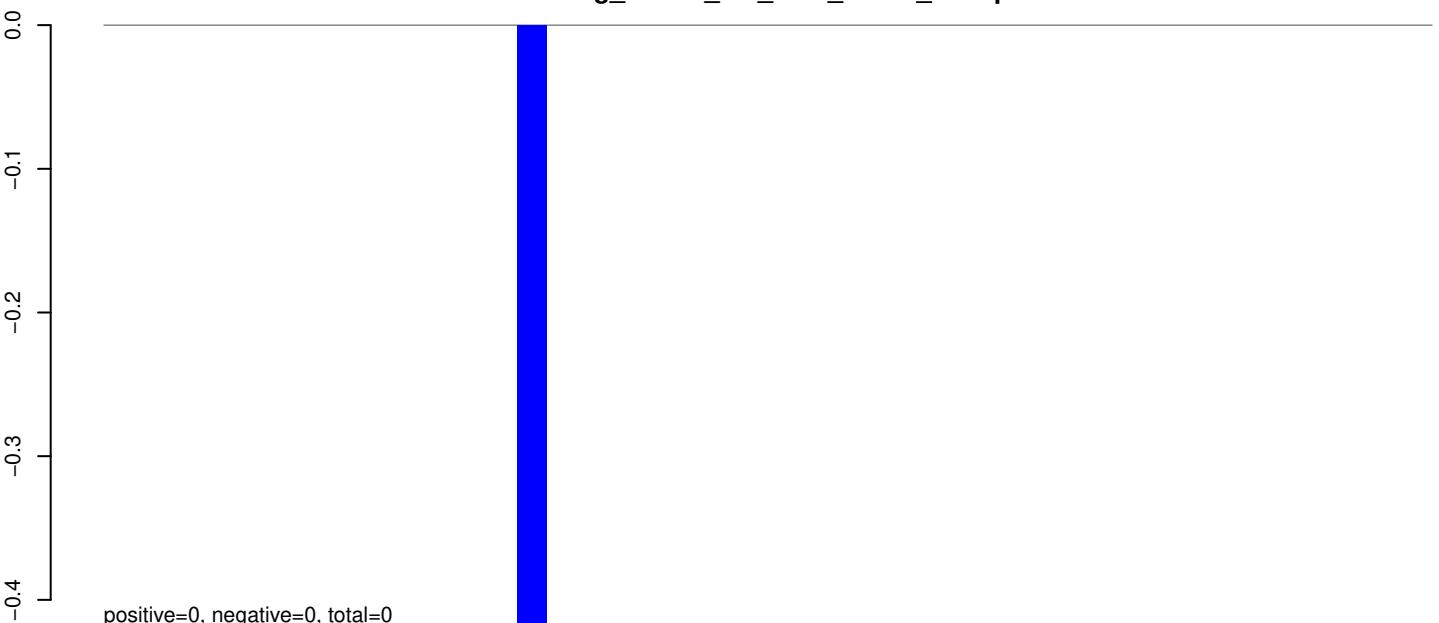
**AeAeg\_Whole\_sm\_r123\_JM.rep**



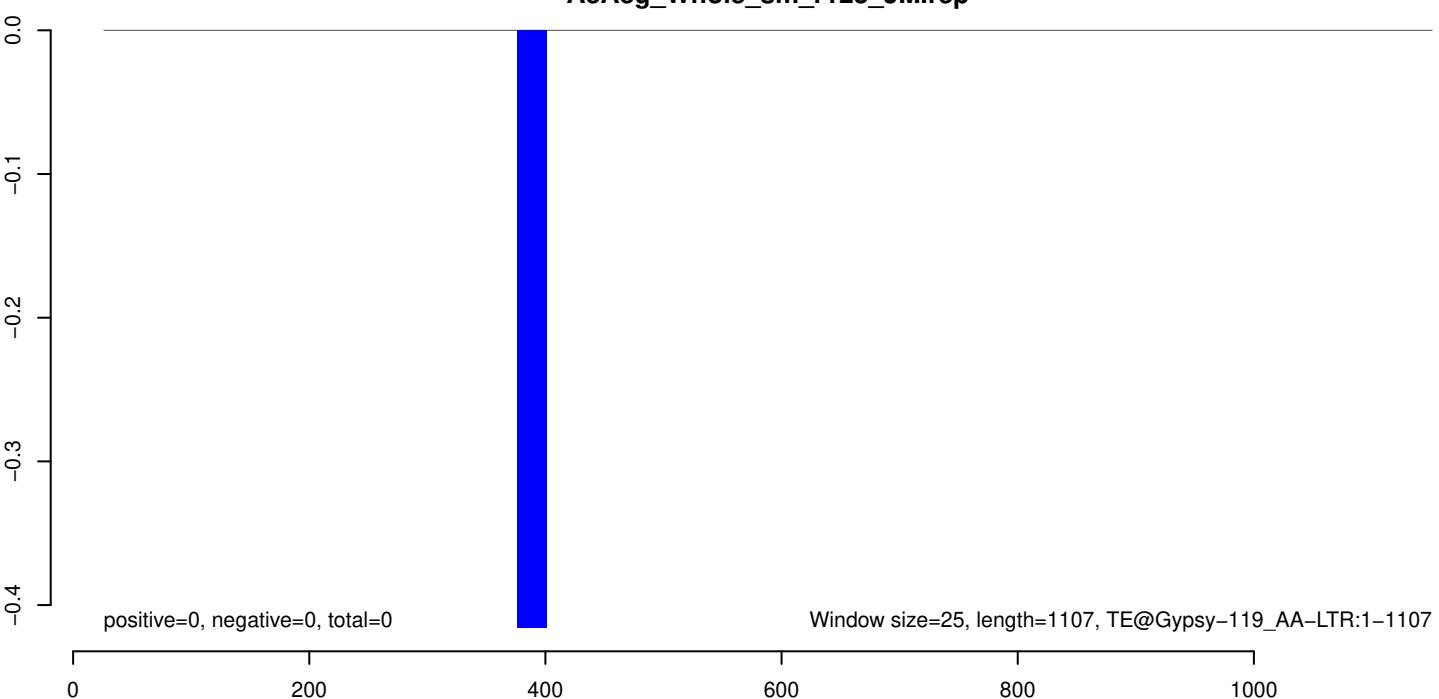
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



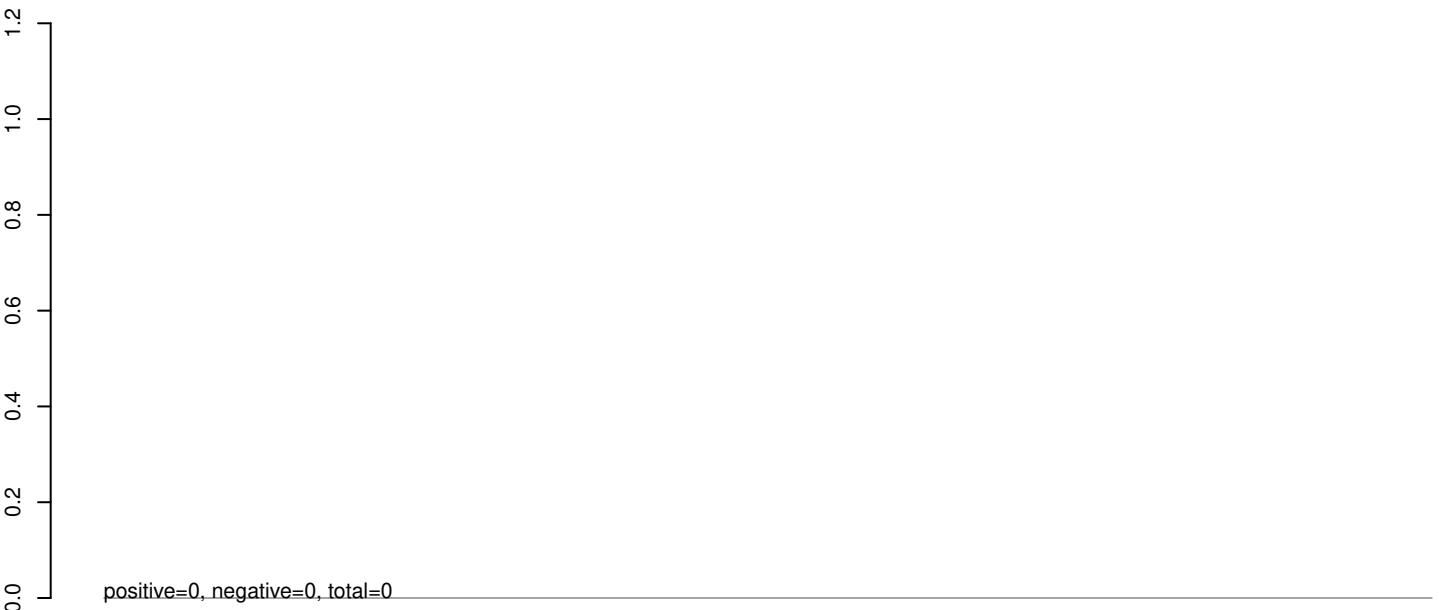
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### AeAeg\_Whole\_sm\_r123\_JM.rep



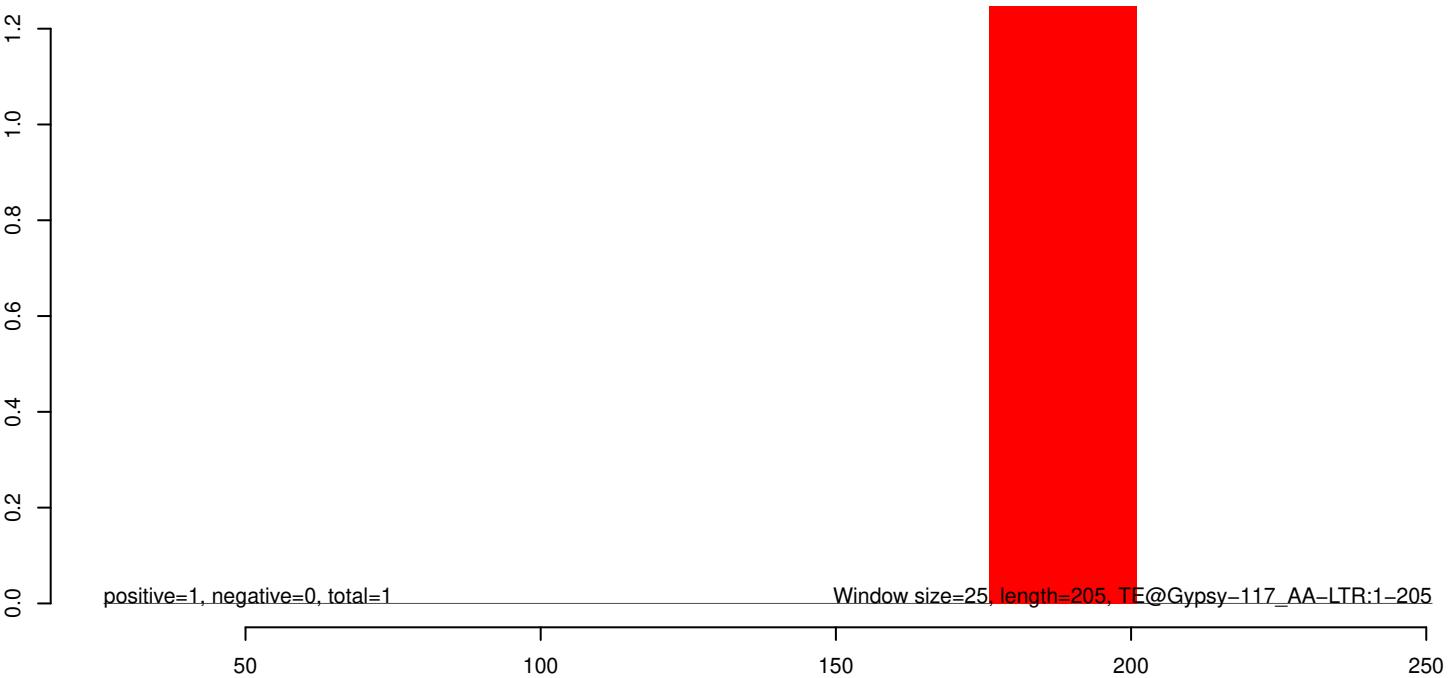
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



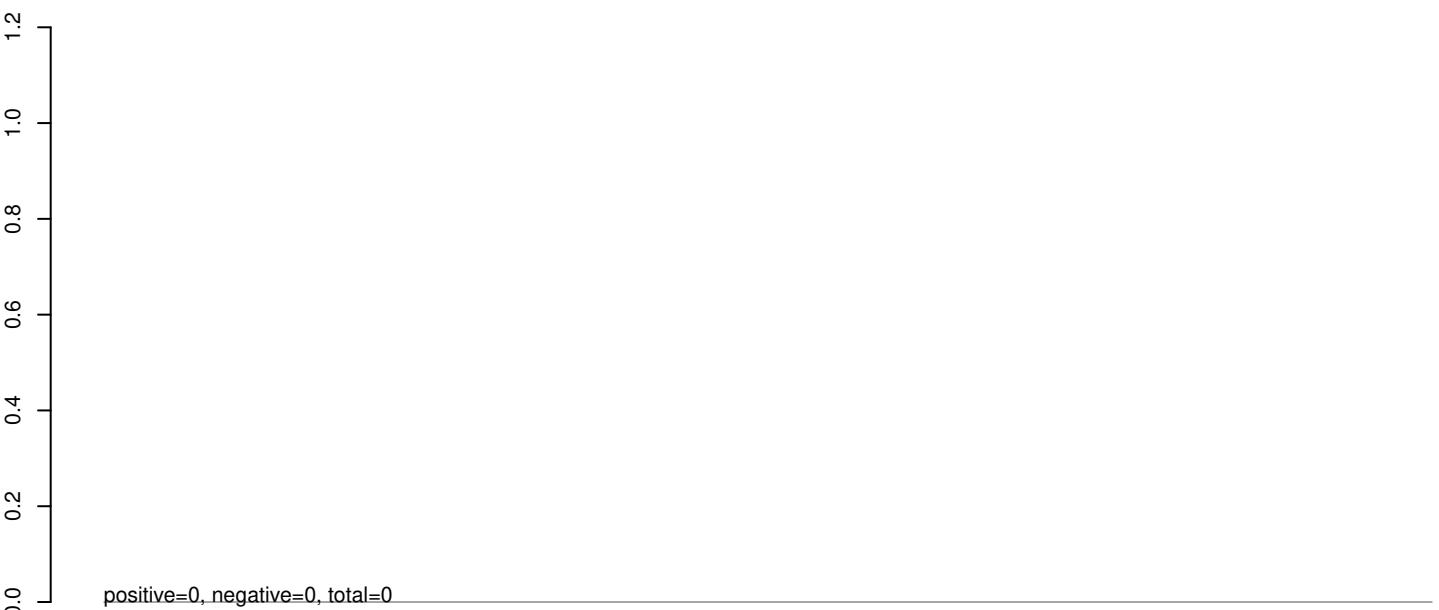
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



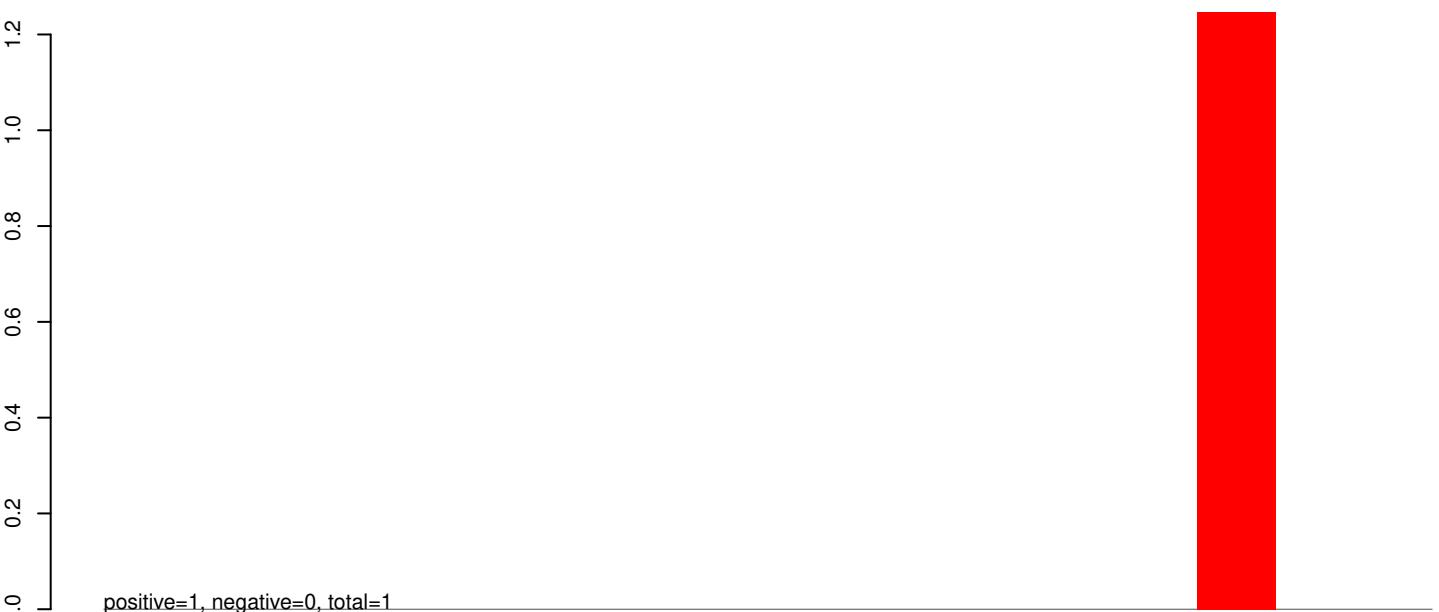
### AeAeg\_Whole\_sm\_r123\_JM.rep



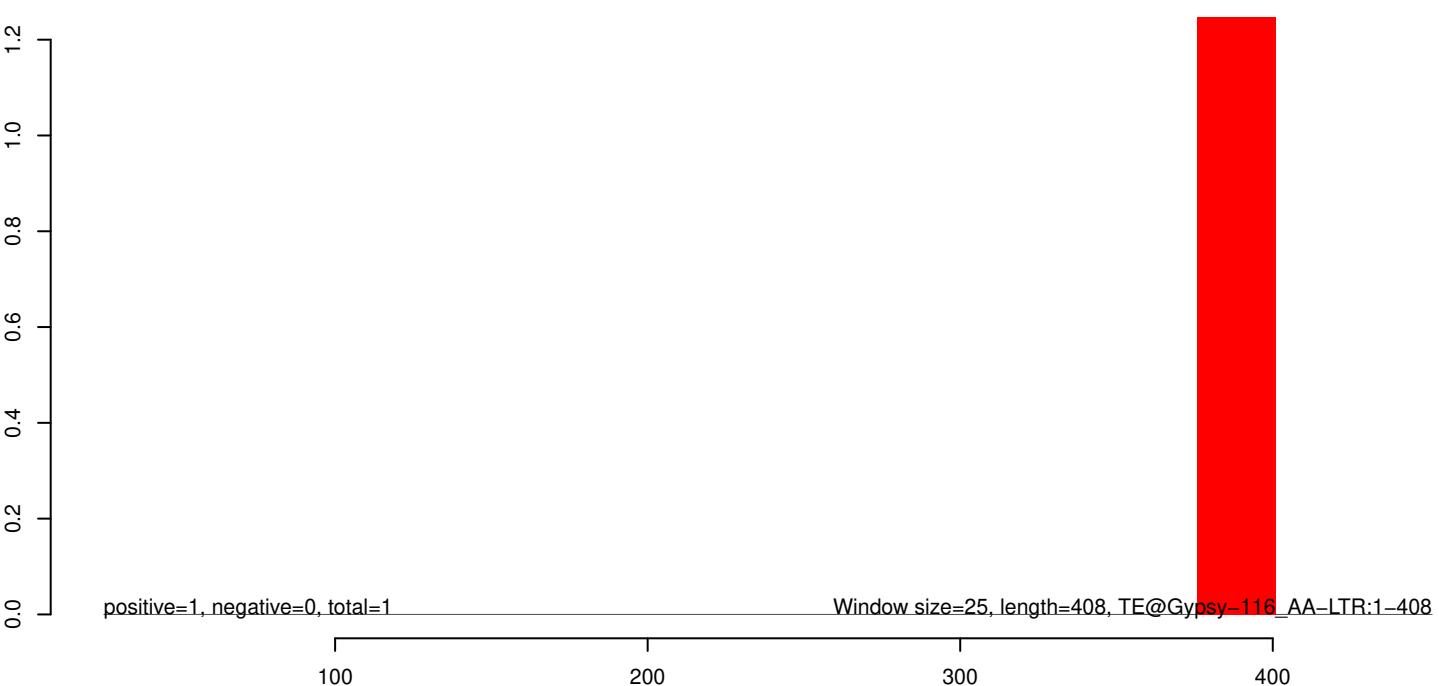
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



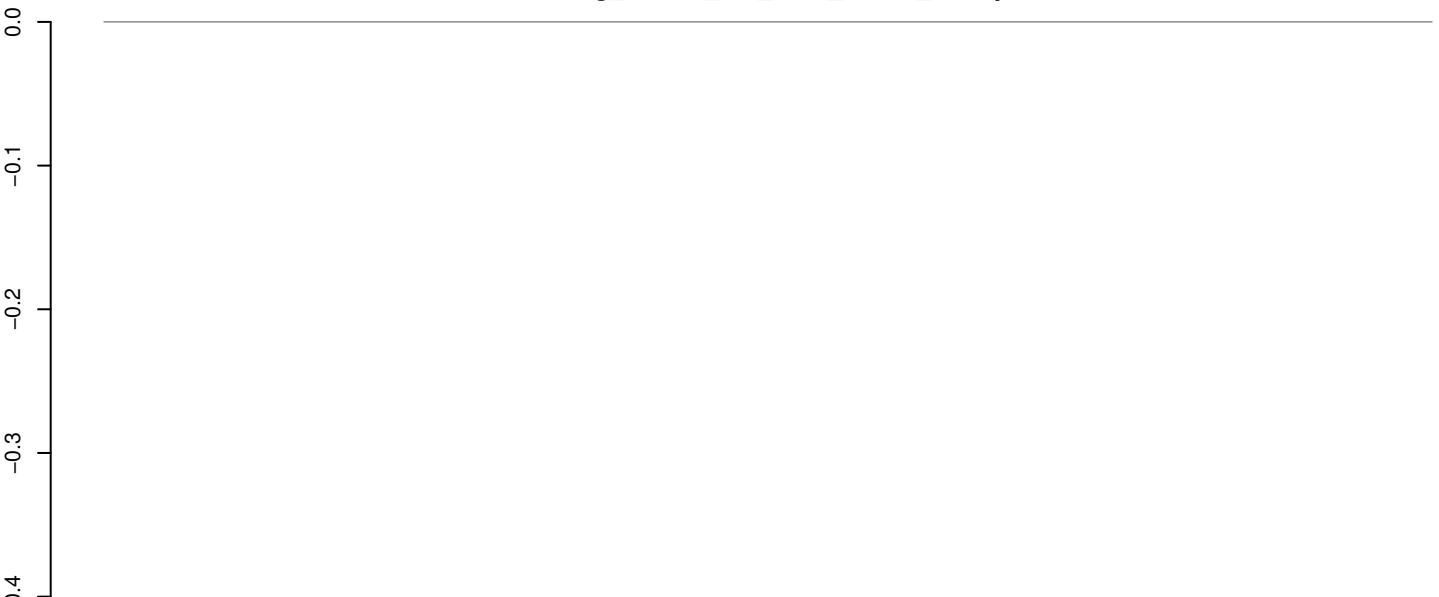
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



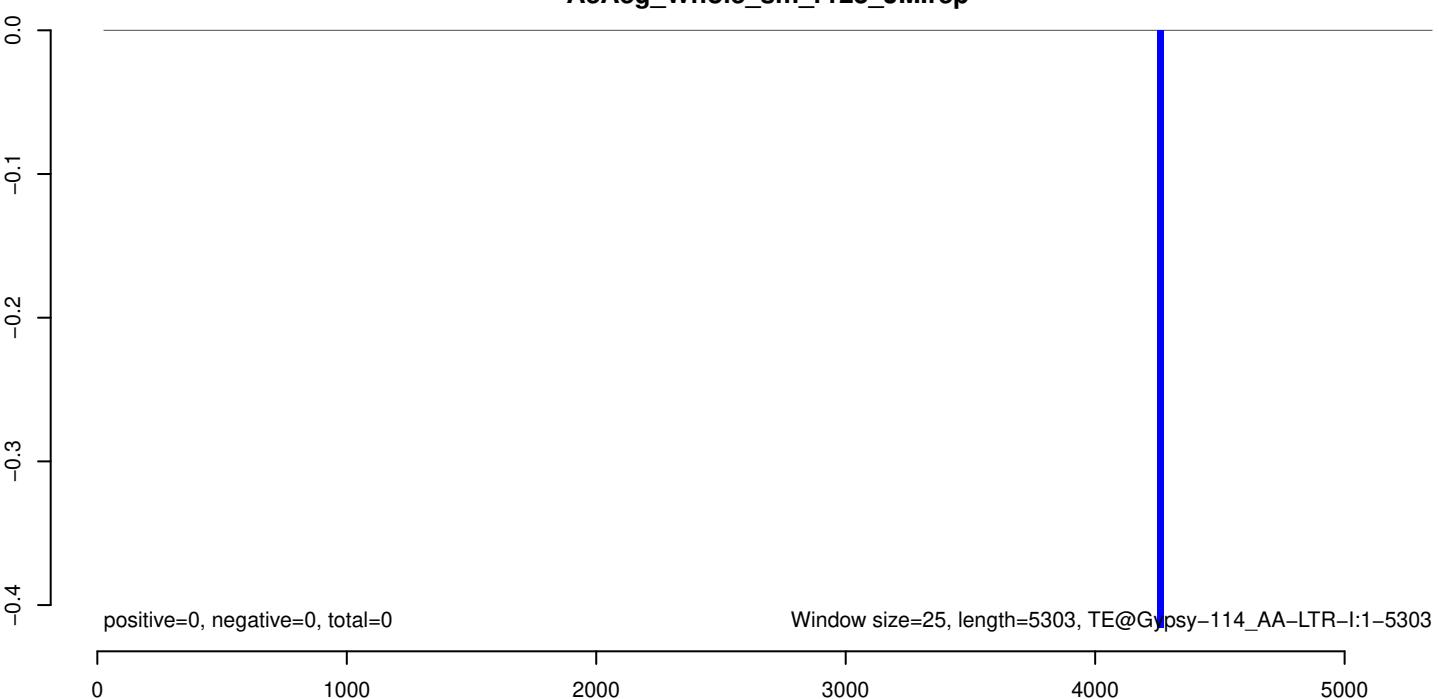
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



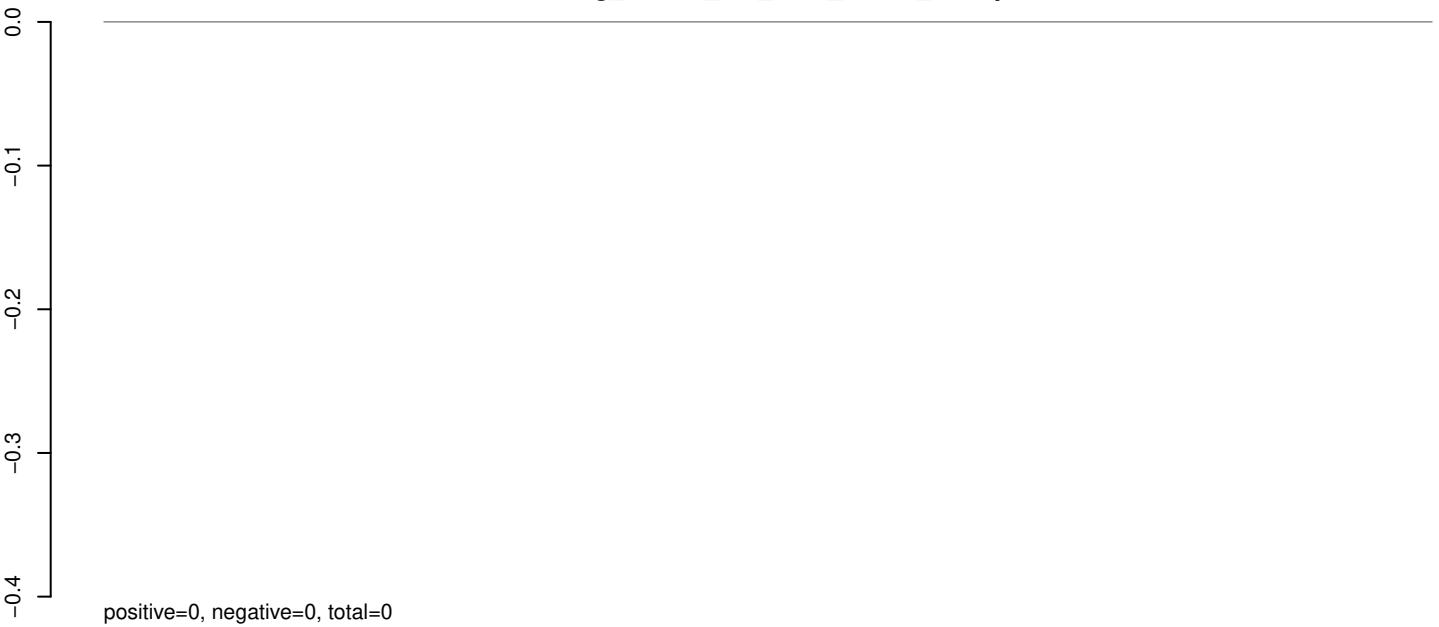
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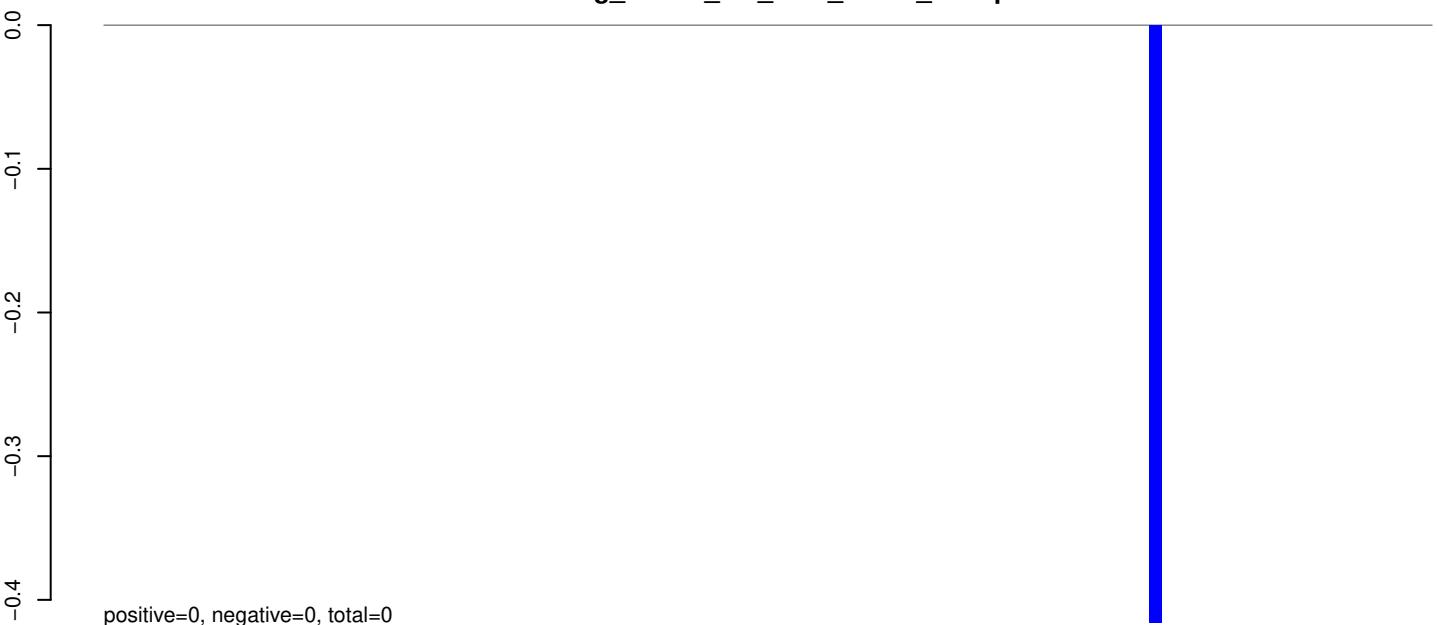
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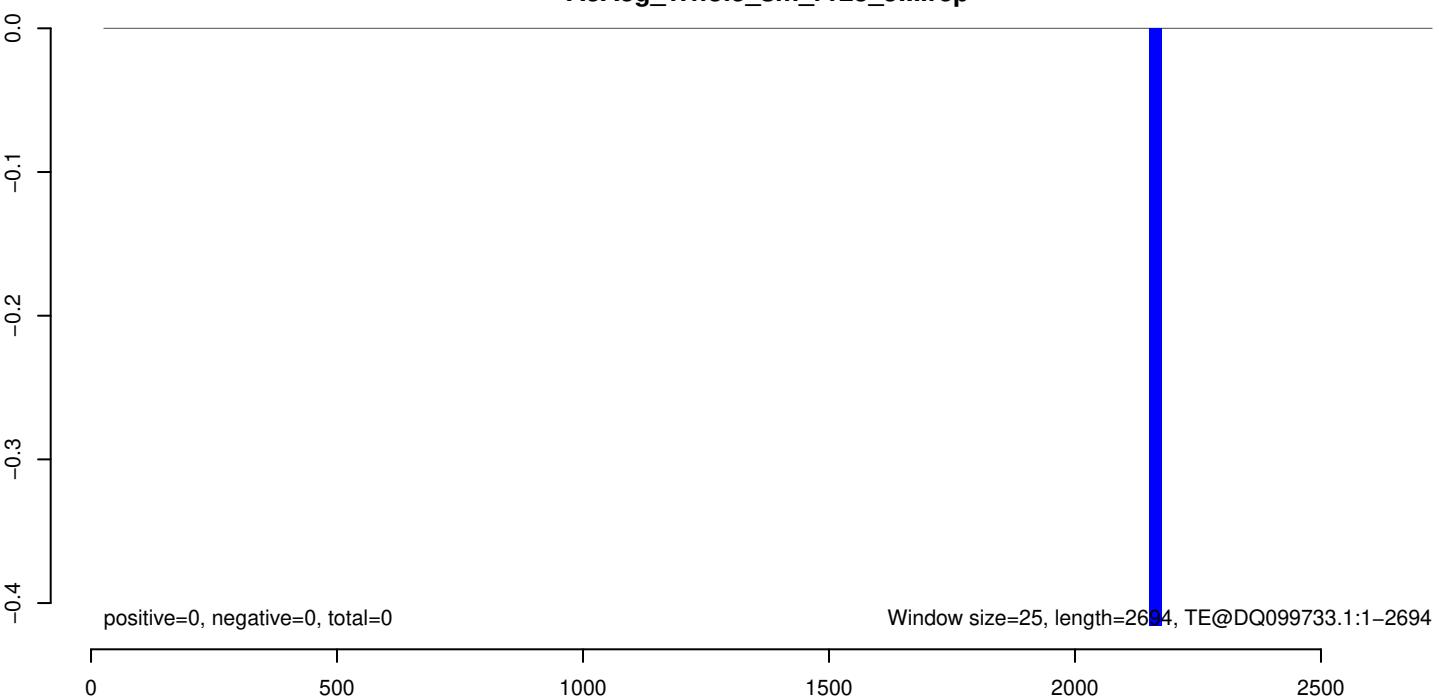
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

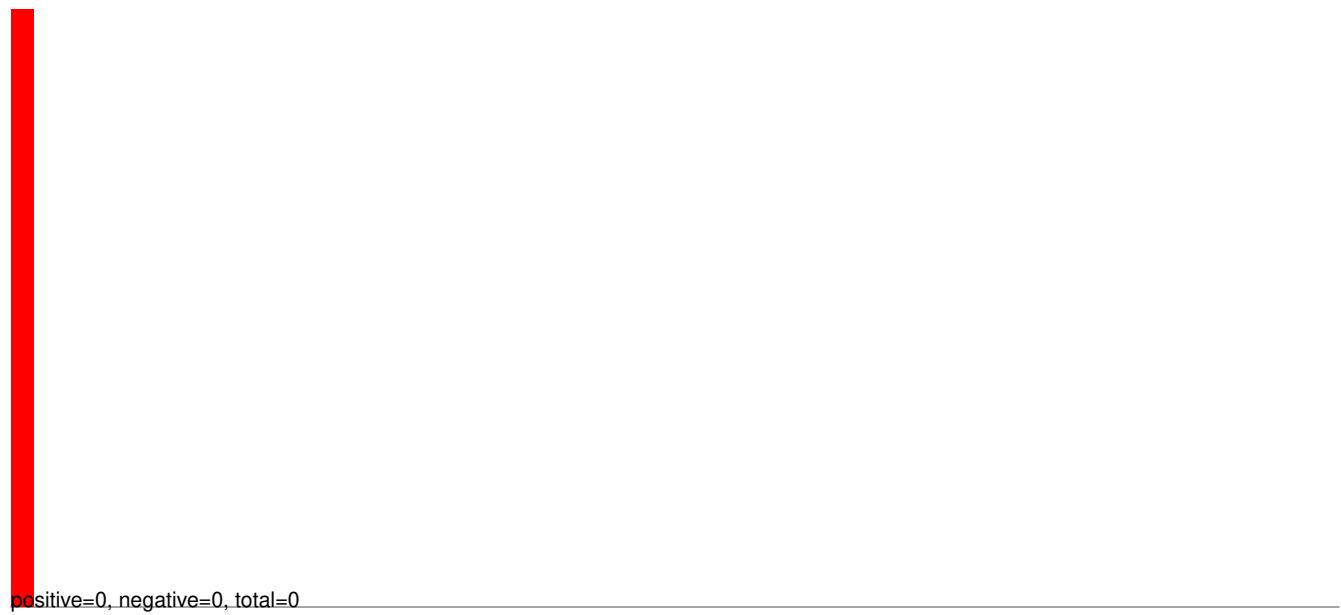
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

Window size=25, length=2055, TE@DQ099732.1:1–2055

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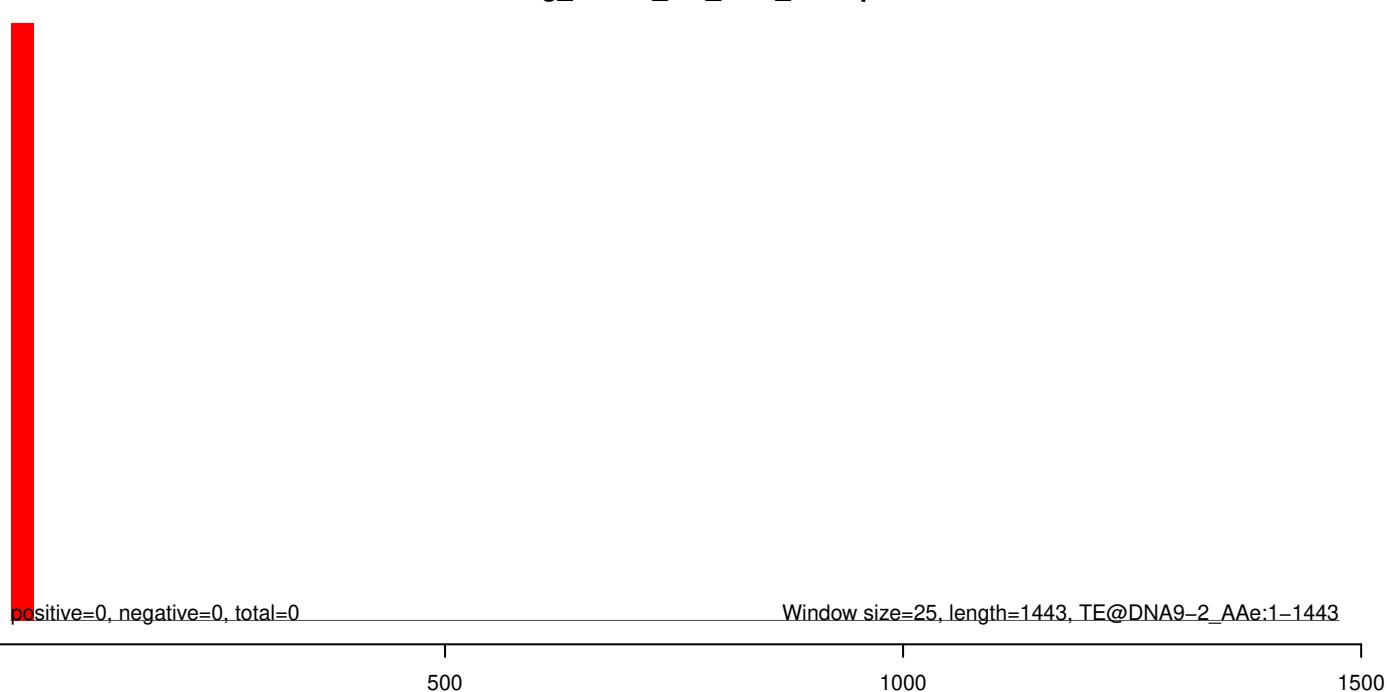
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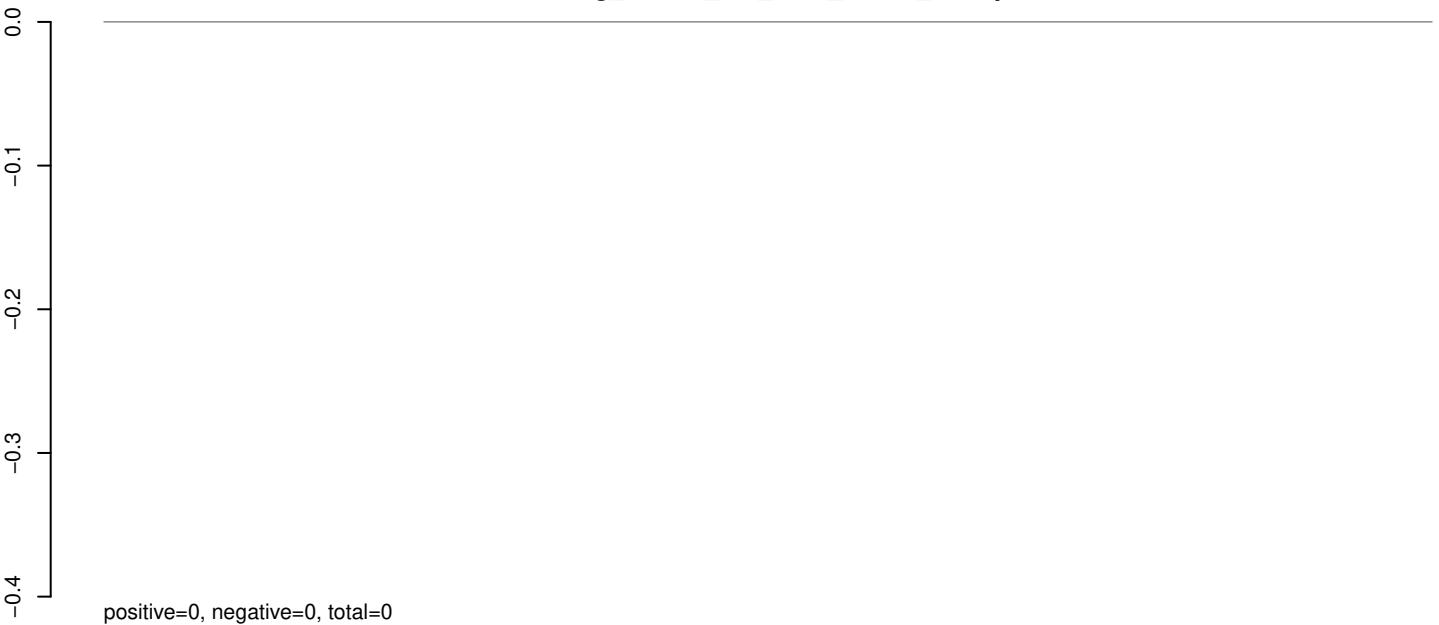
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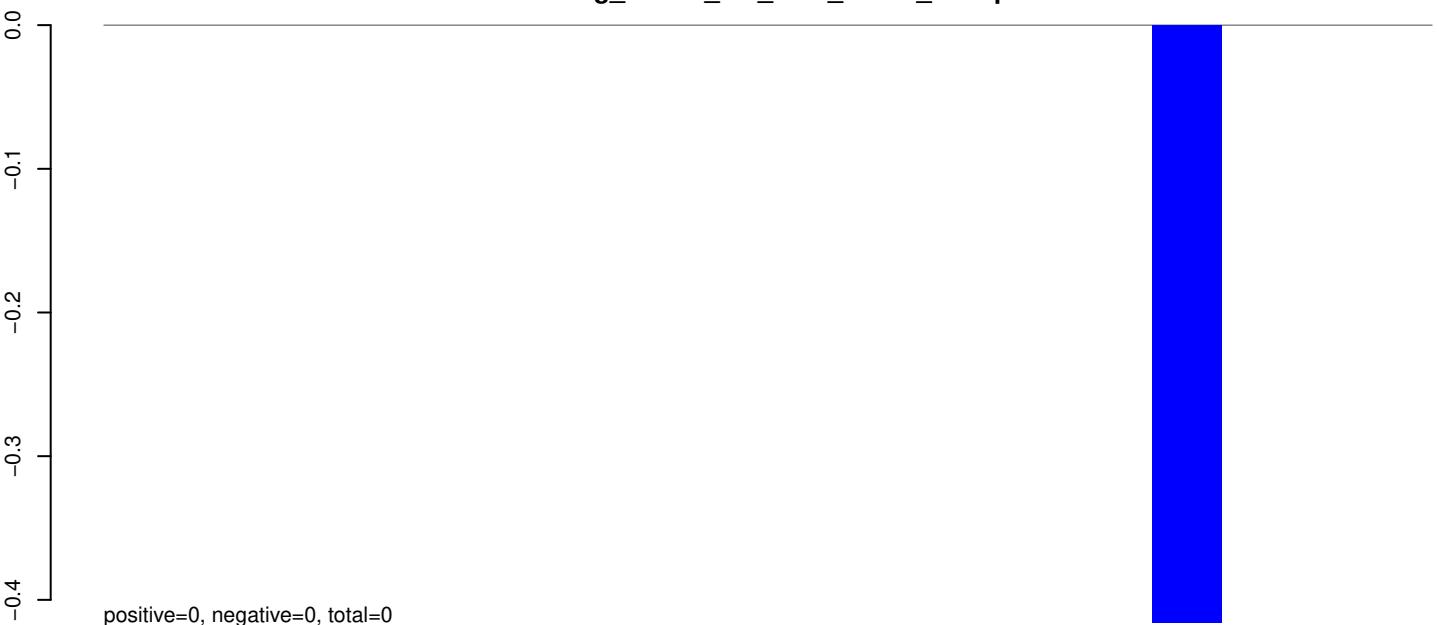
### AeAeg\_Whole\_sm\_r123\_JM.rep



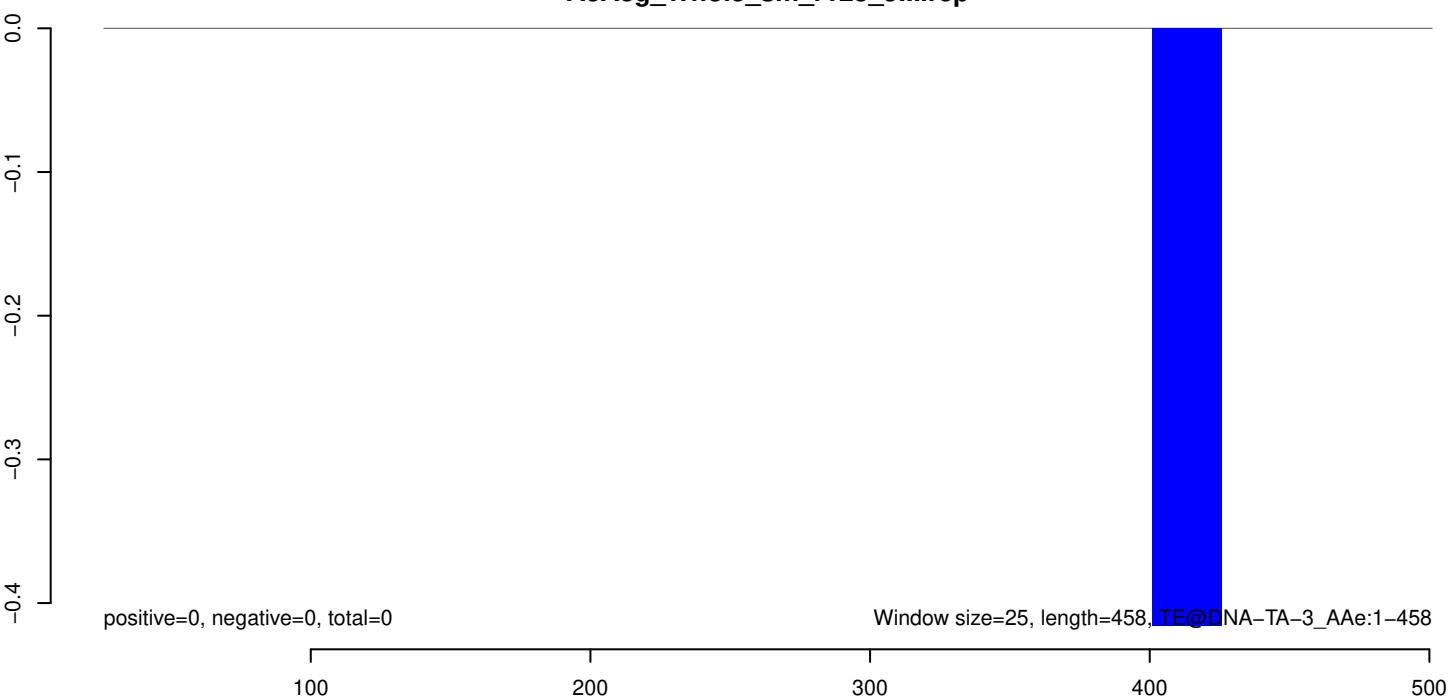
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

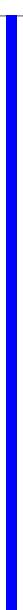


### AeAeg\_Whole\_sm\_r123\_JM.rep



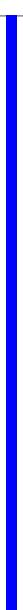
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

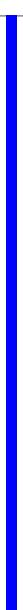
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### AeAeg\_Whole\_sm\_r123\_JM.rep

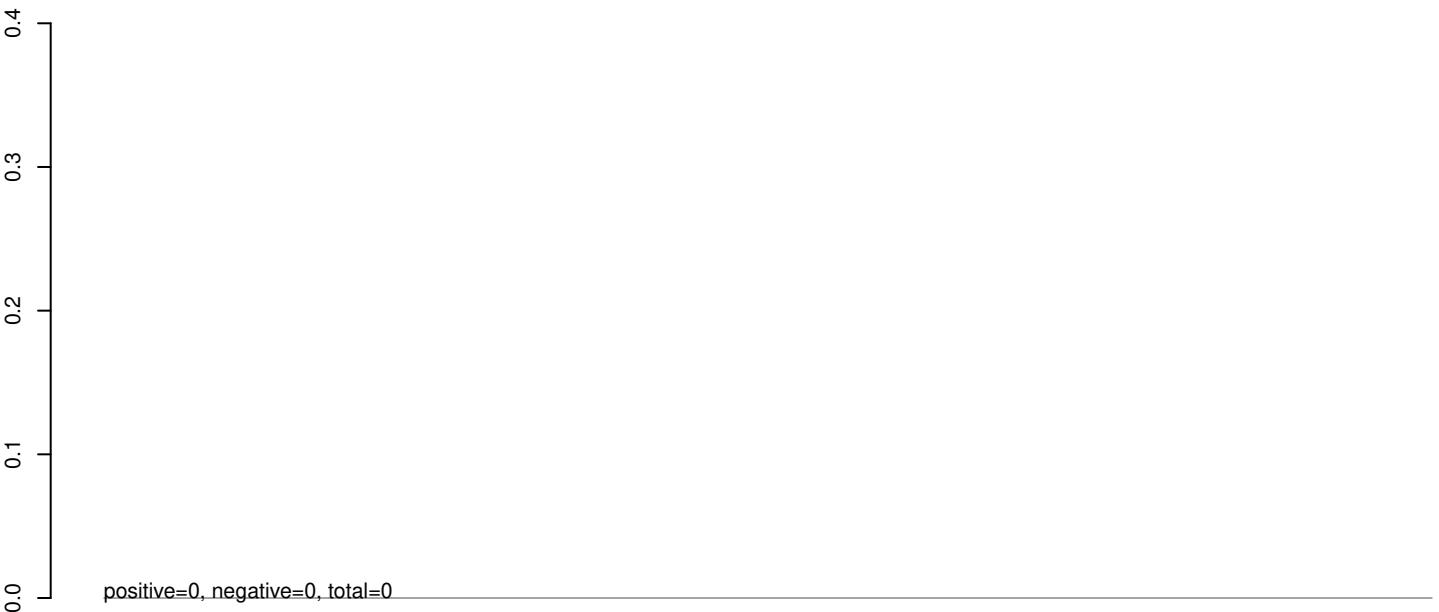
positive=0, negative=1, total=1

Window size=25, length=3055, TE@DNA-4\_AAc:1-3055

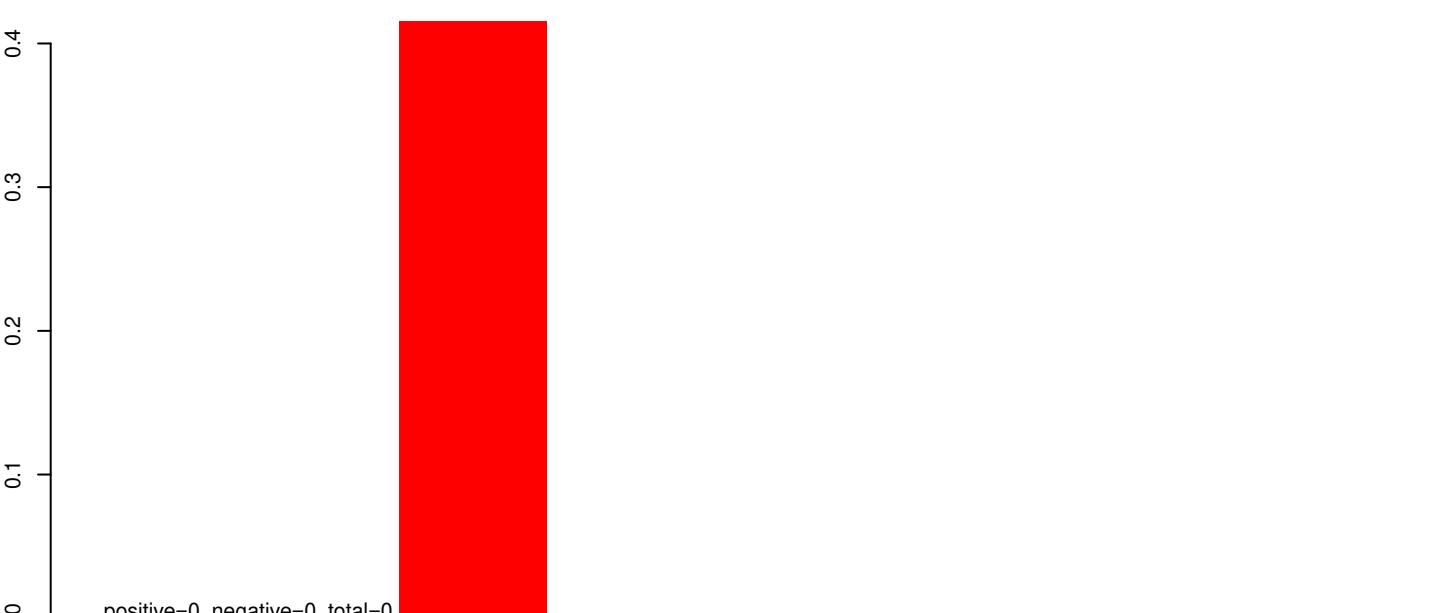


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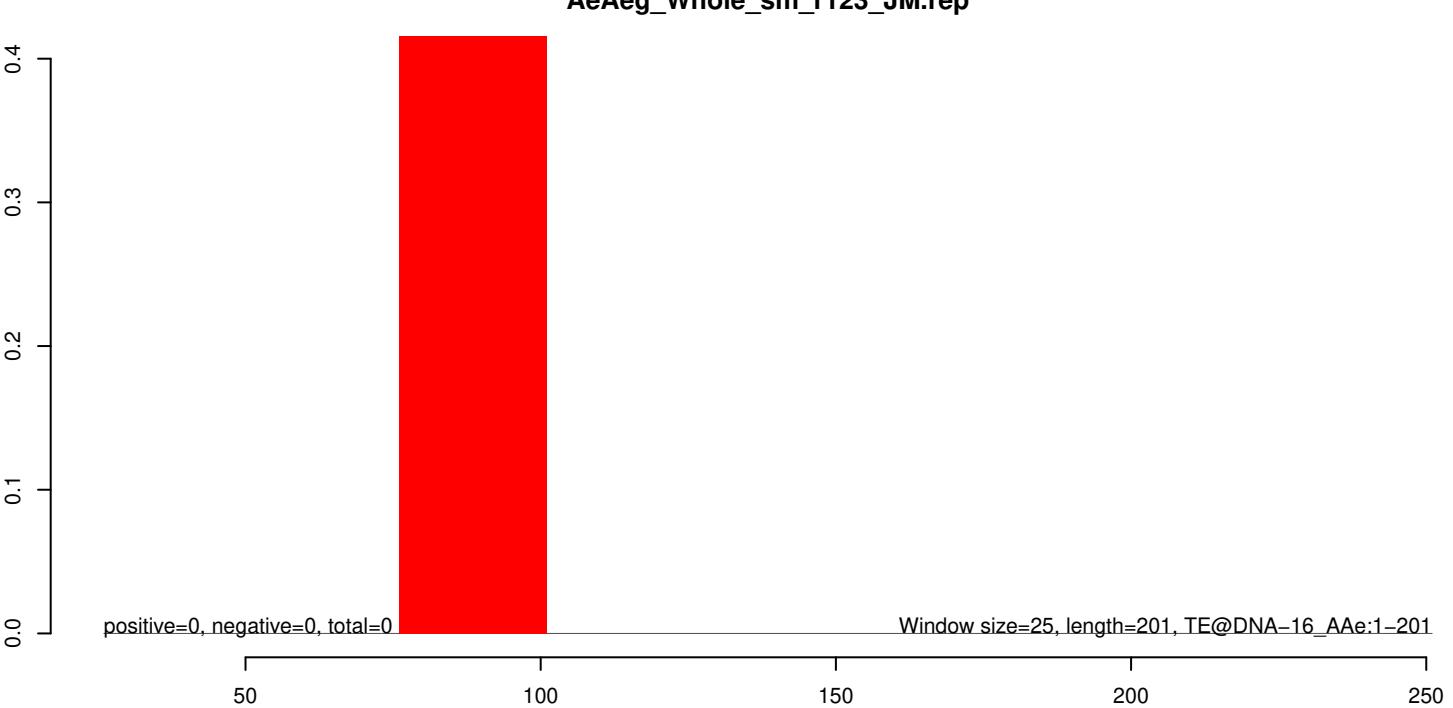
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



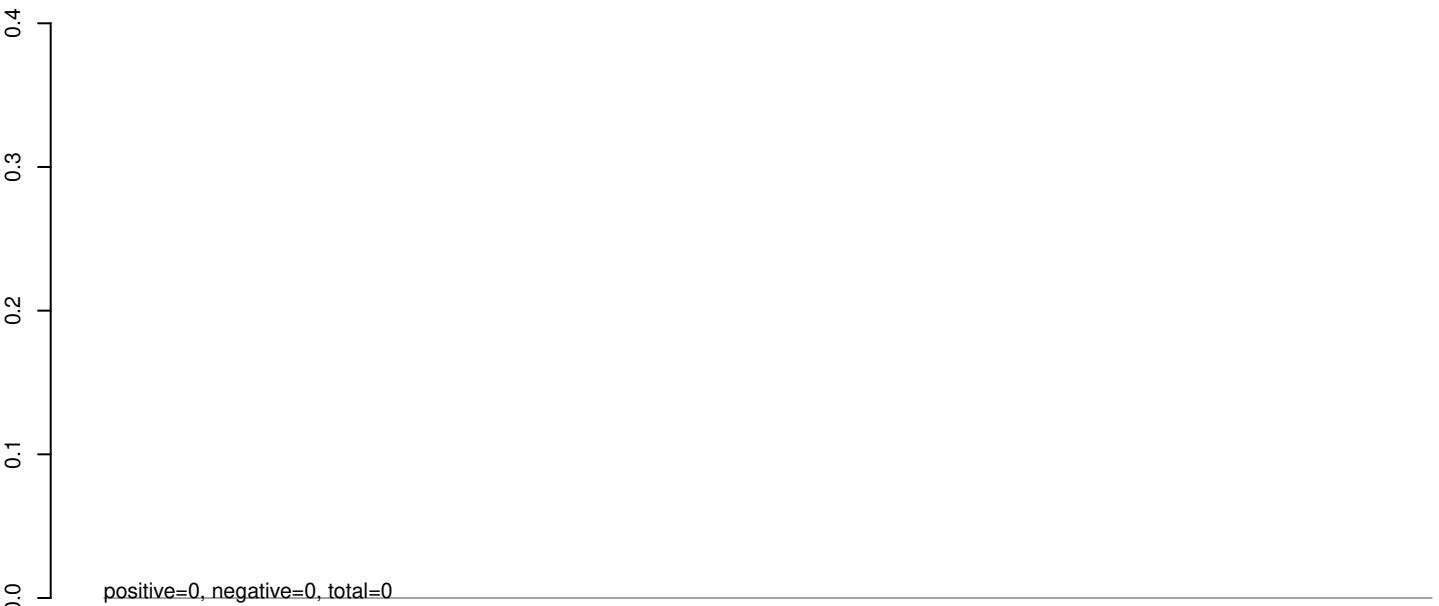
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



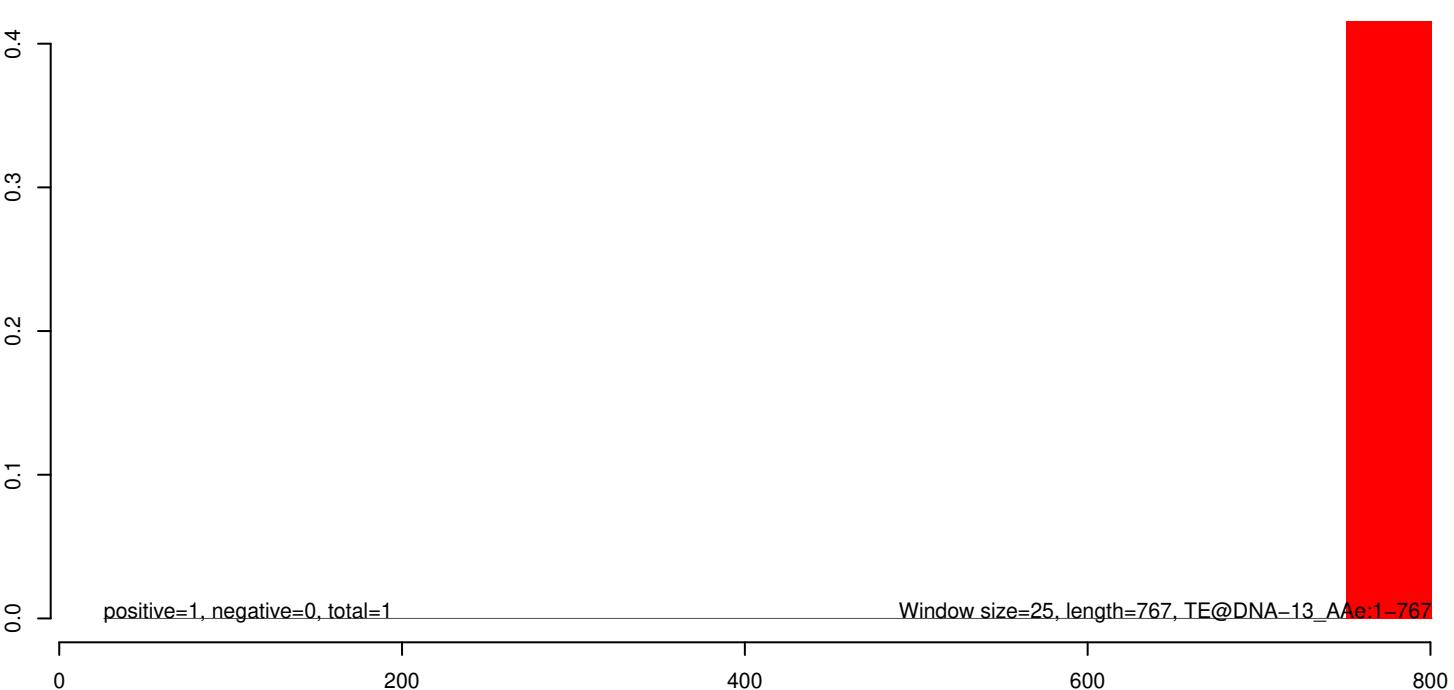
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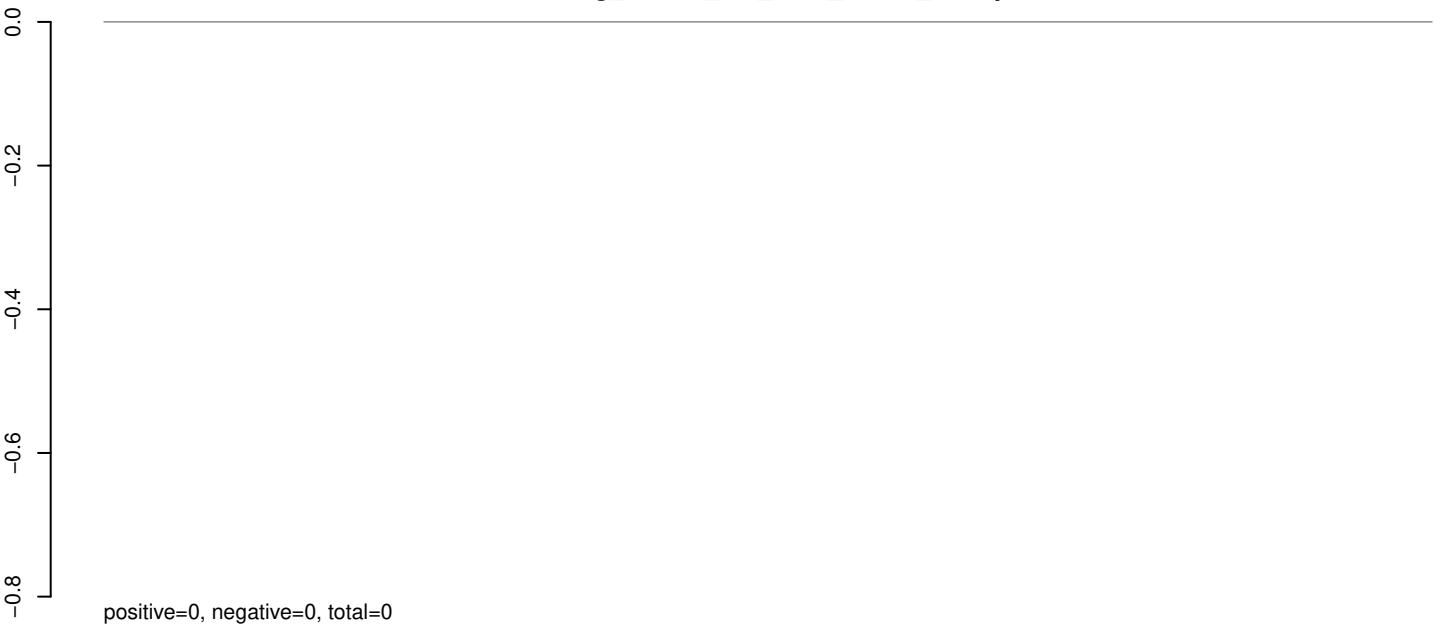
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



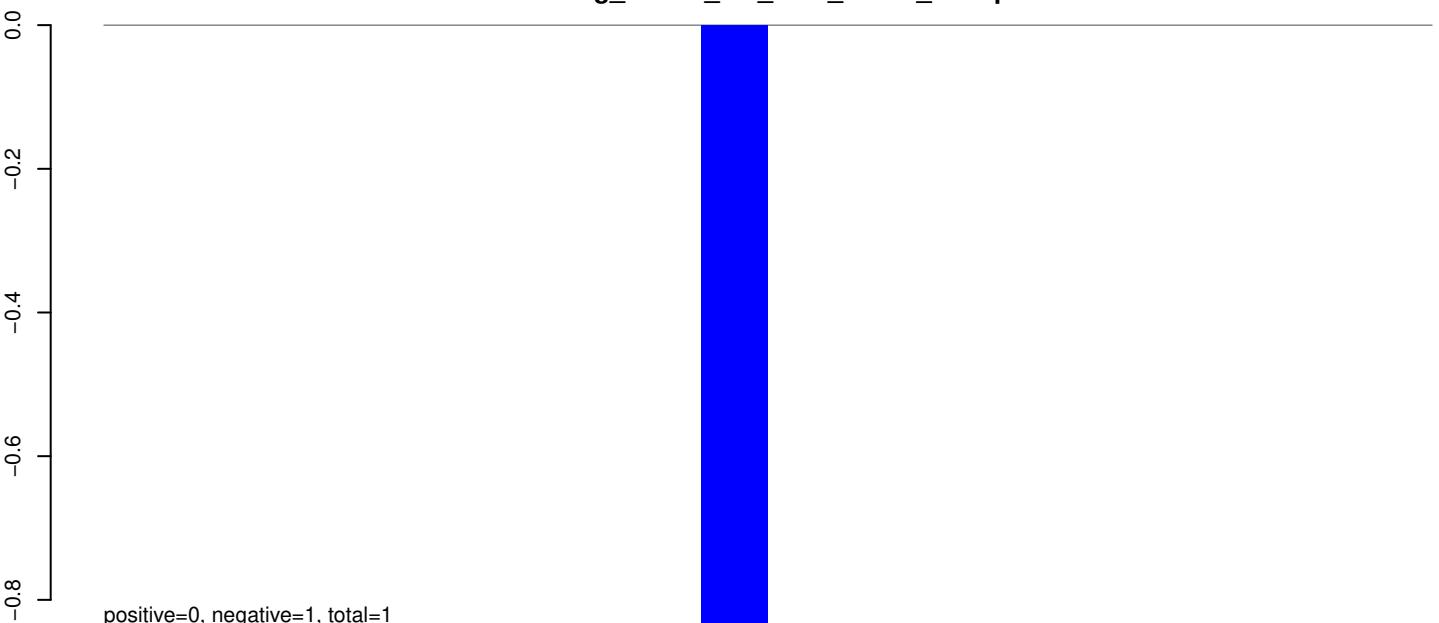
**AeAeg\_Whole\_sm\_r123\_JM.rep**



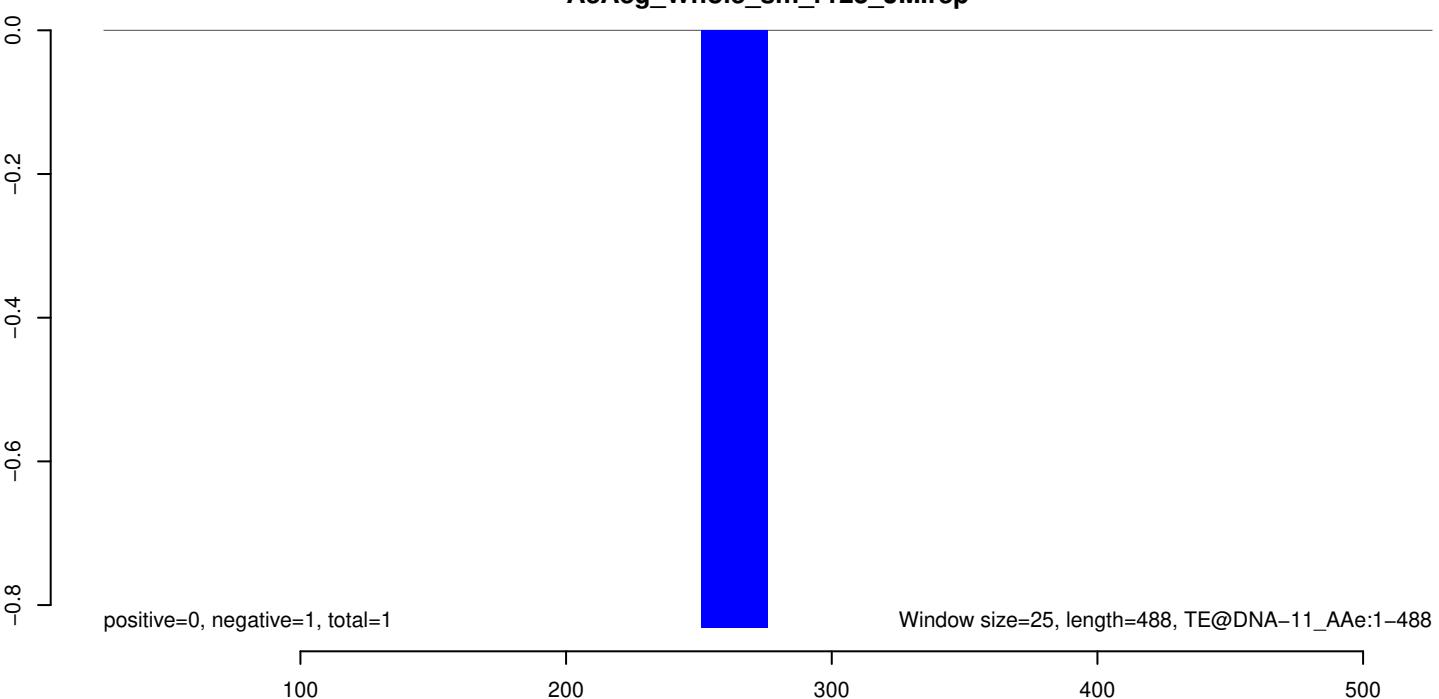
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



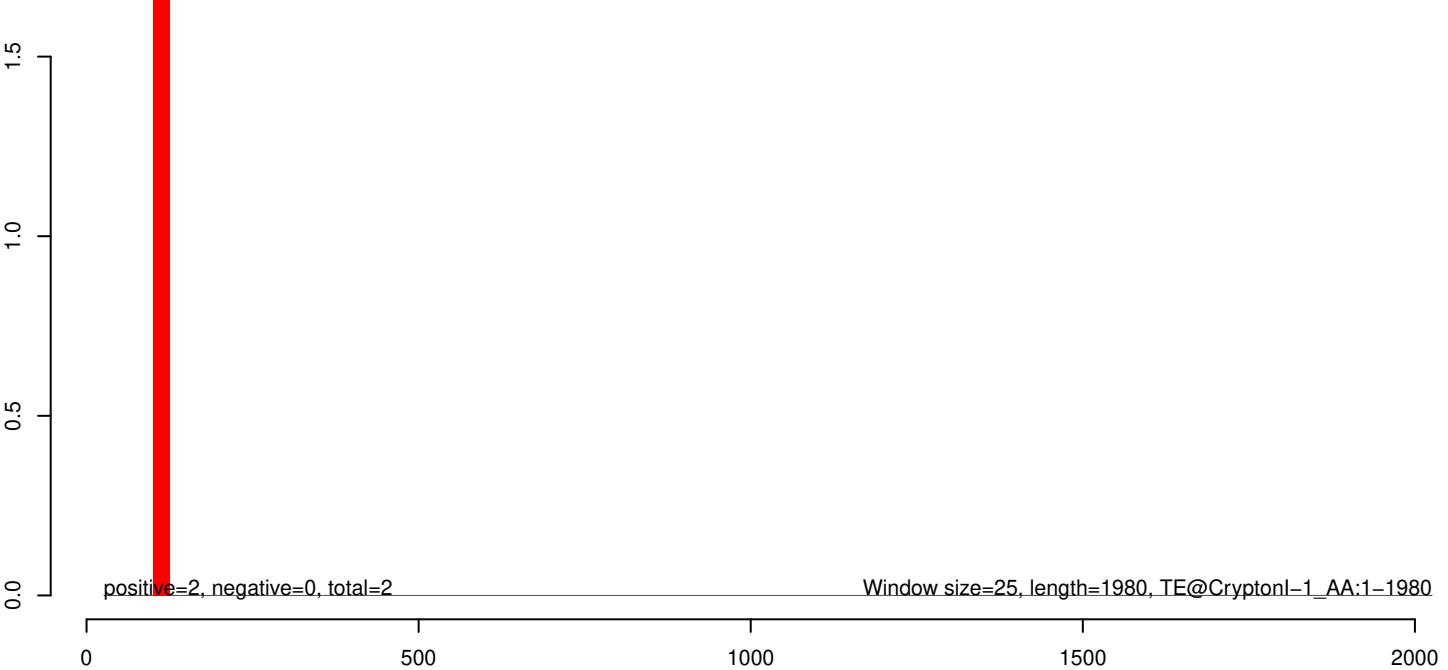
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



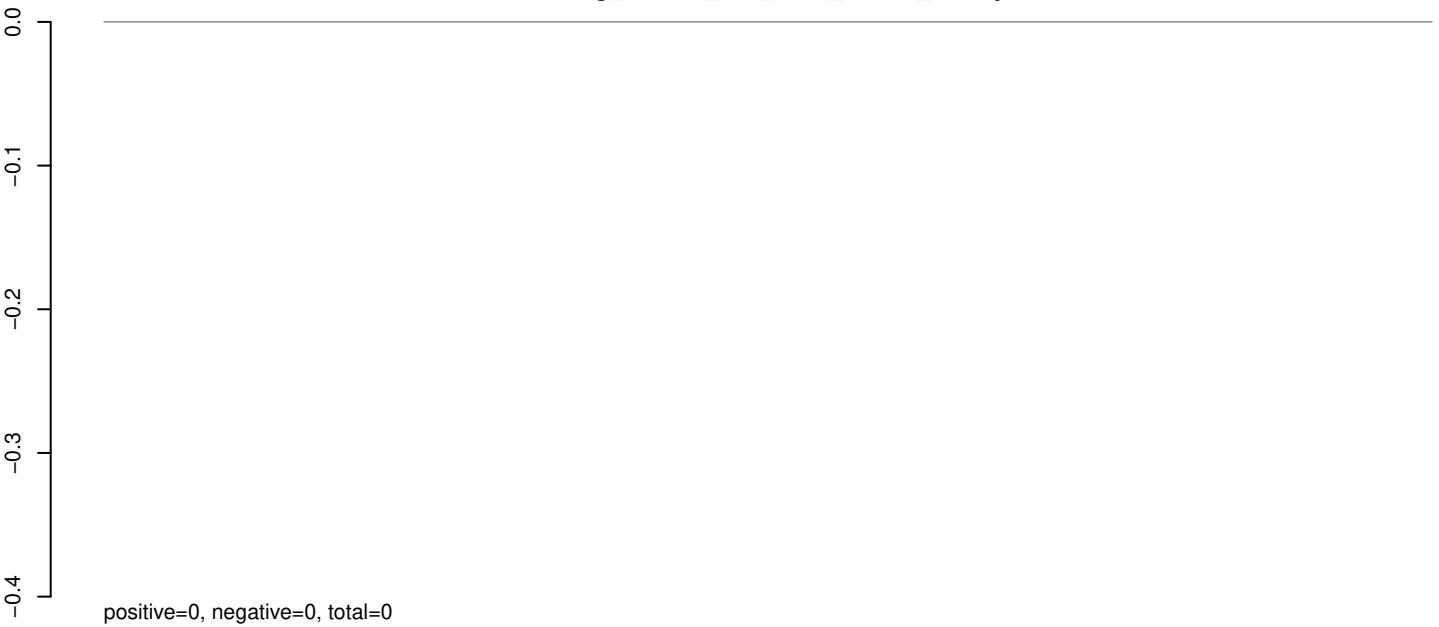
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



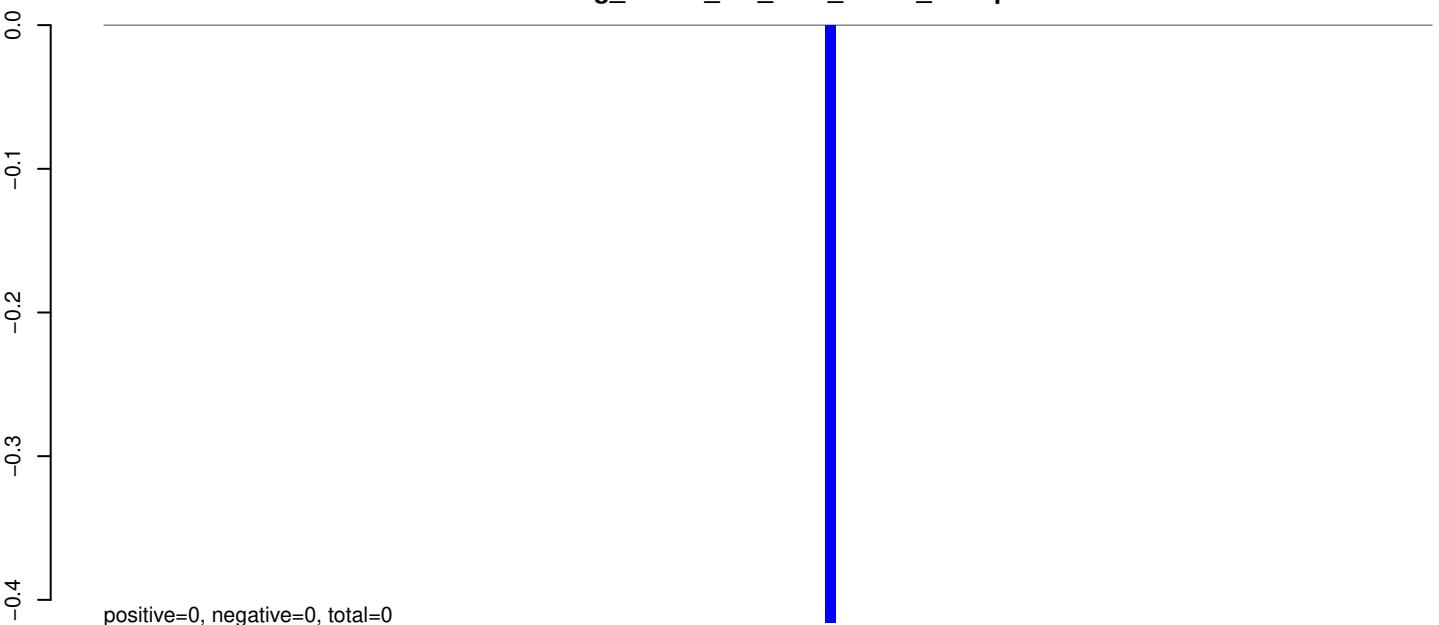
**AeAeg\_Whole\_sm\_r123\_JM.rep**



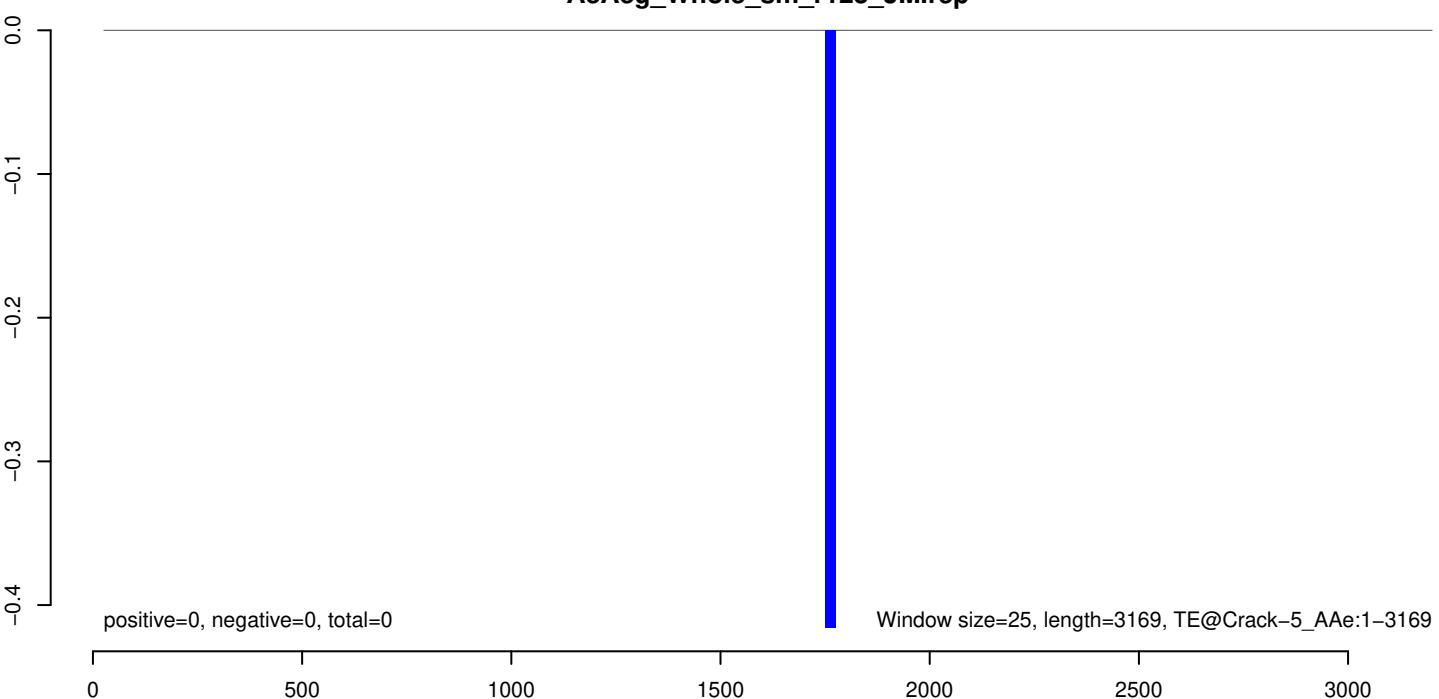
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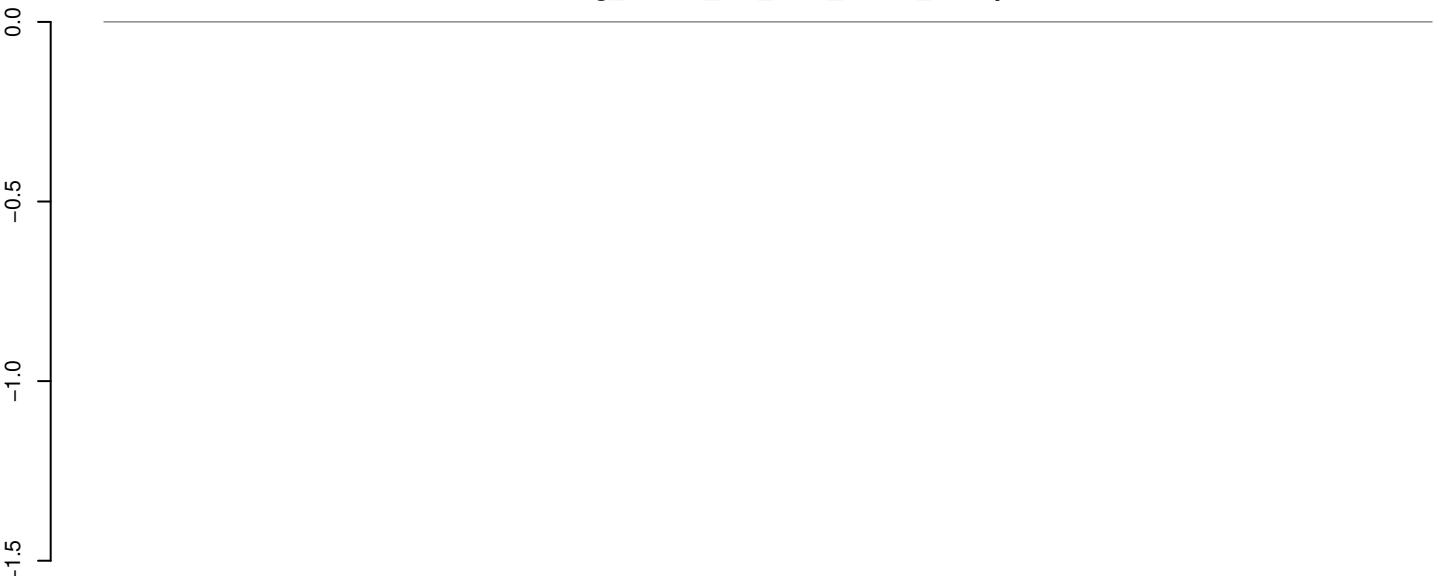
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



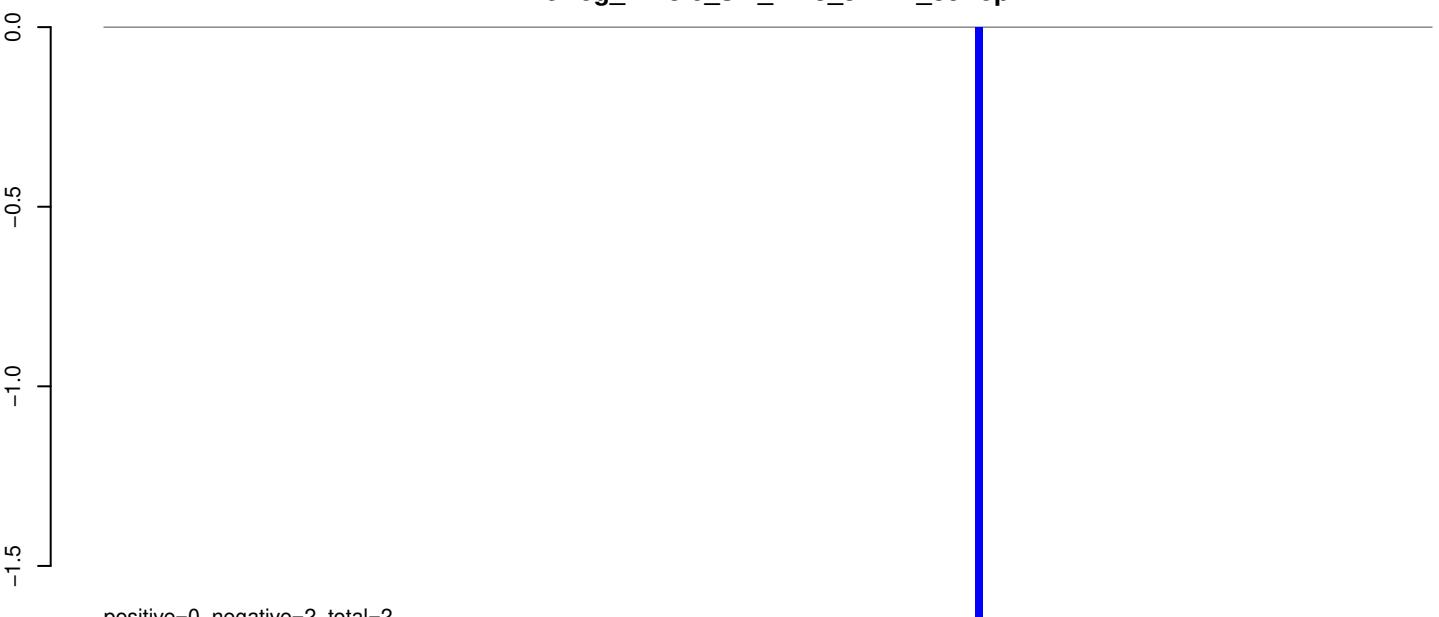
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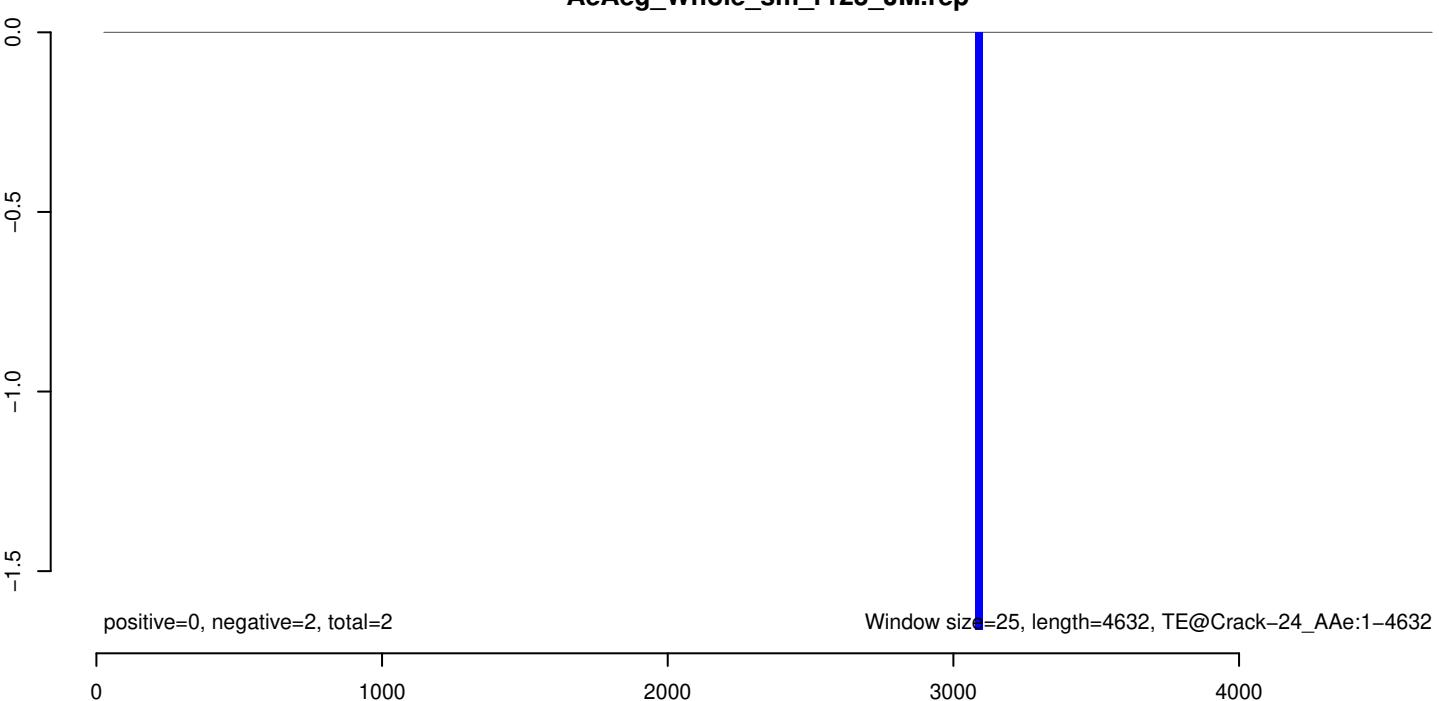
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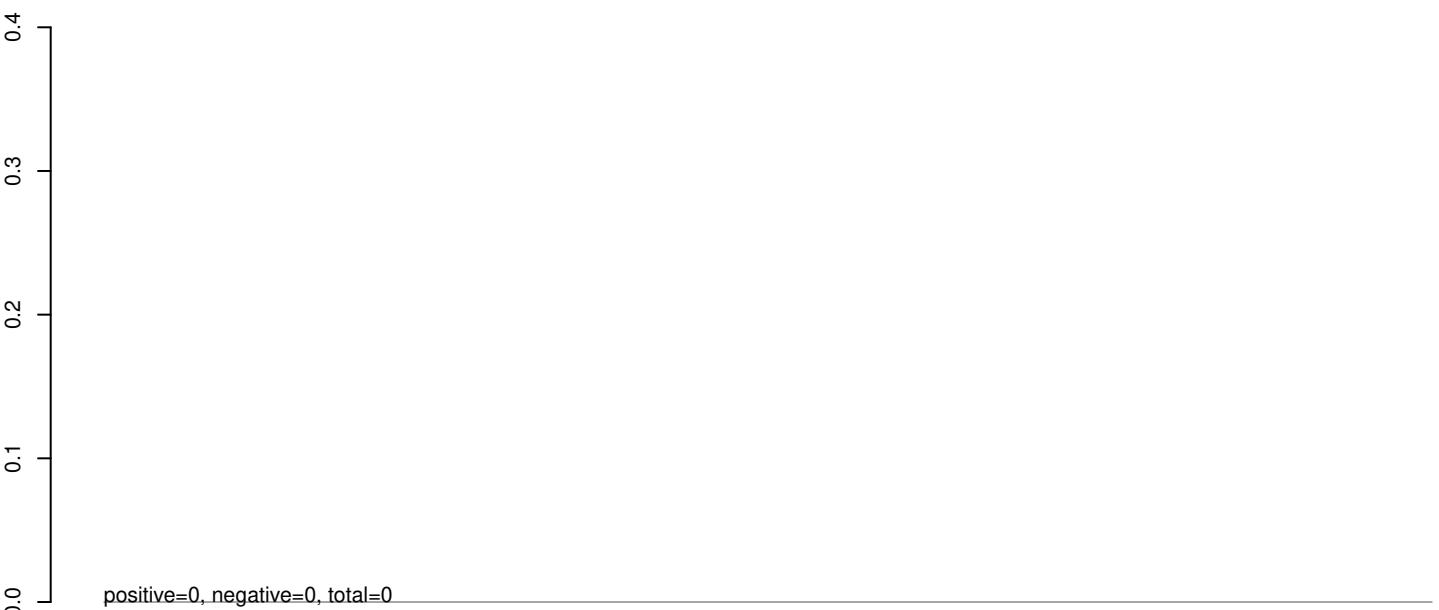
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



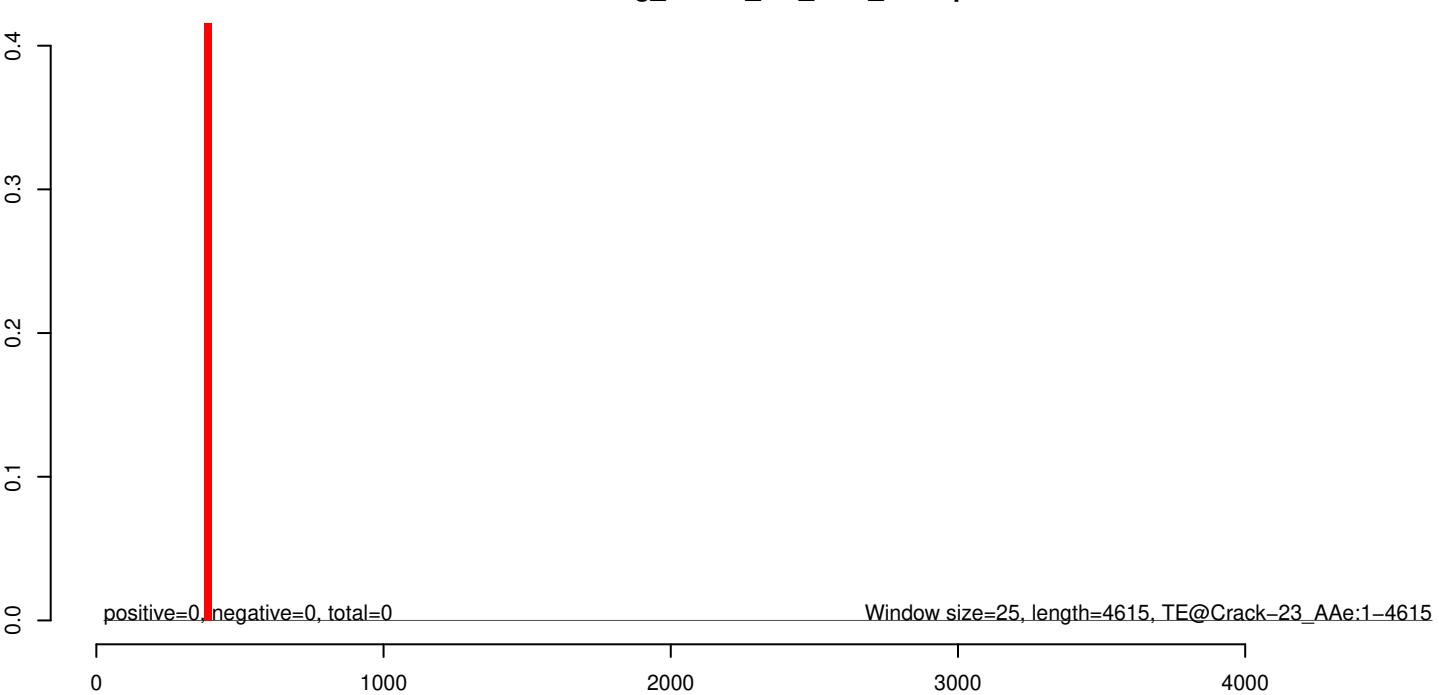
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



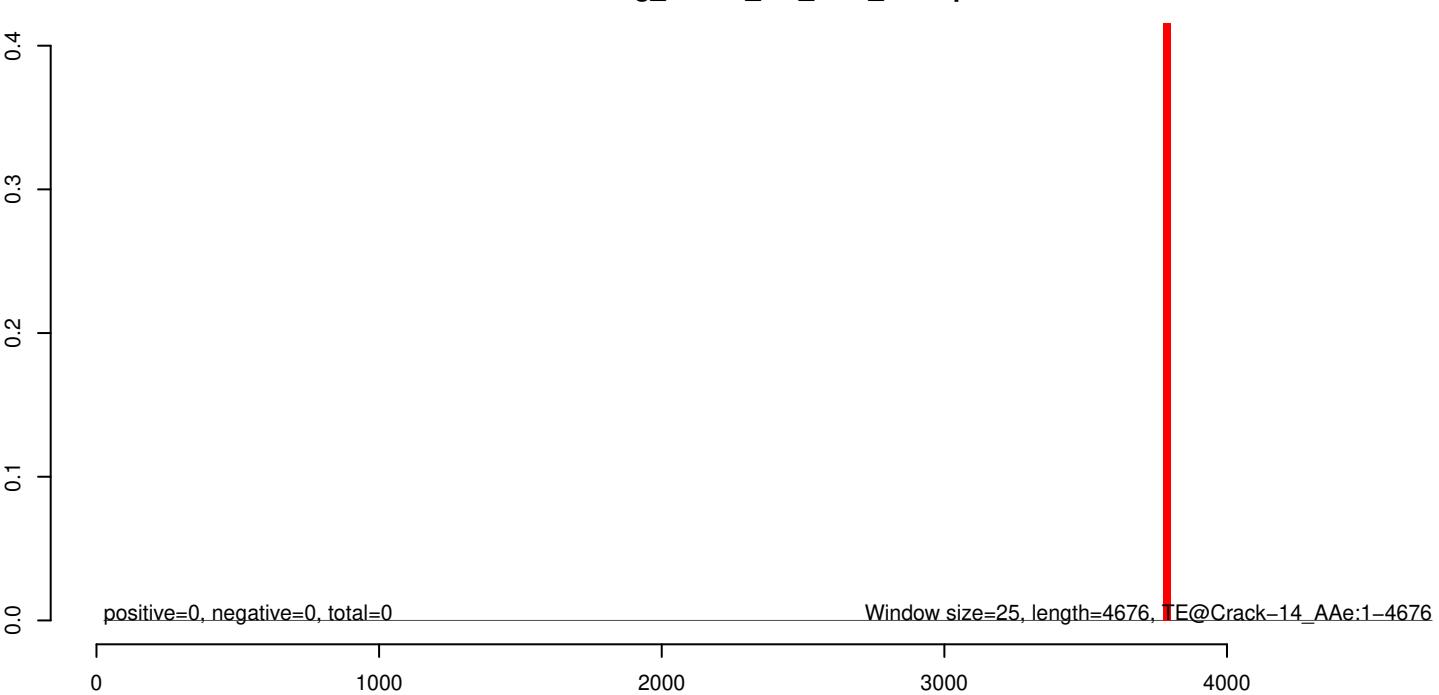
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

Window size=25, length=3053, TE@Crack-13\_AAe:1-3053

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### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

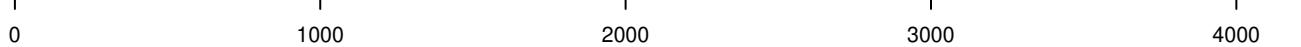
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positive=0, negative=1, total=1

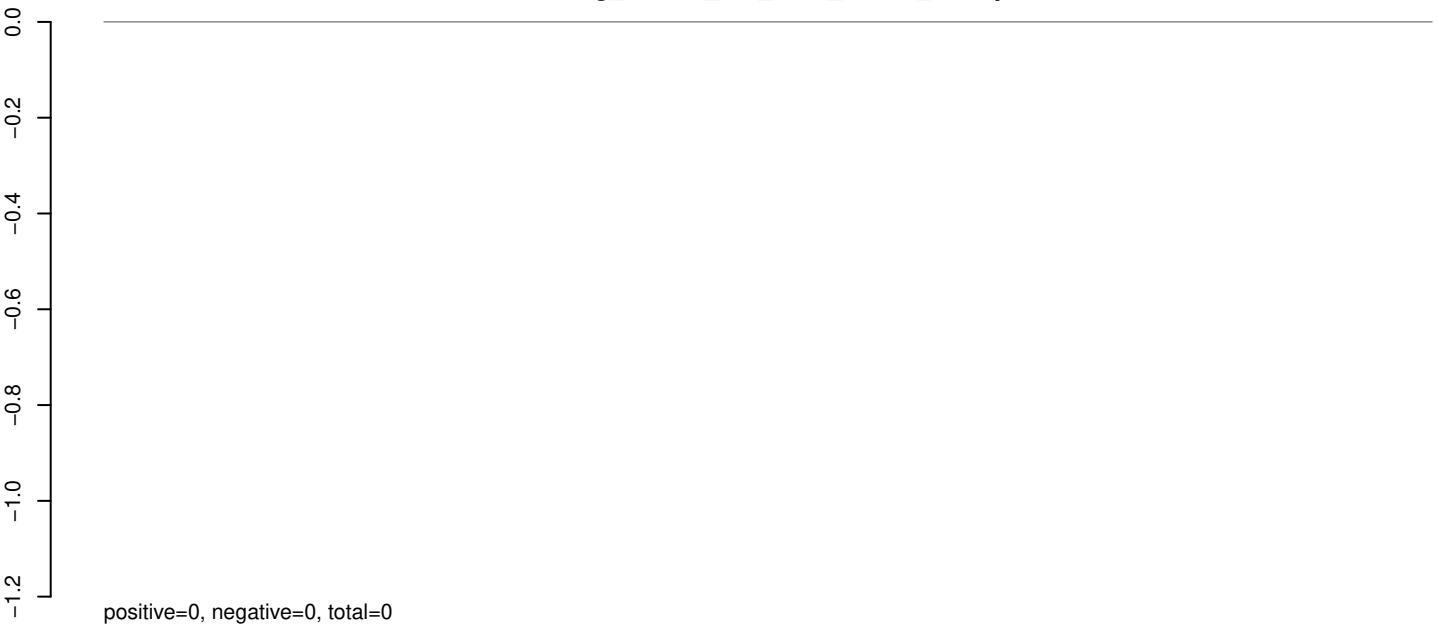
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

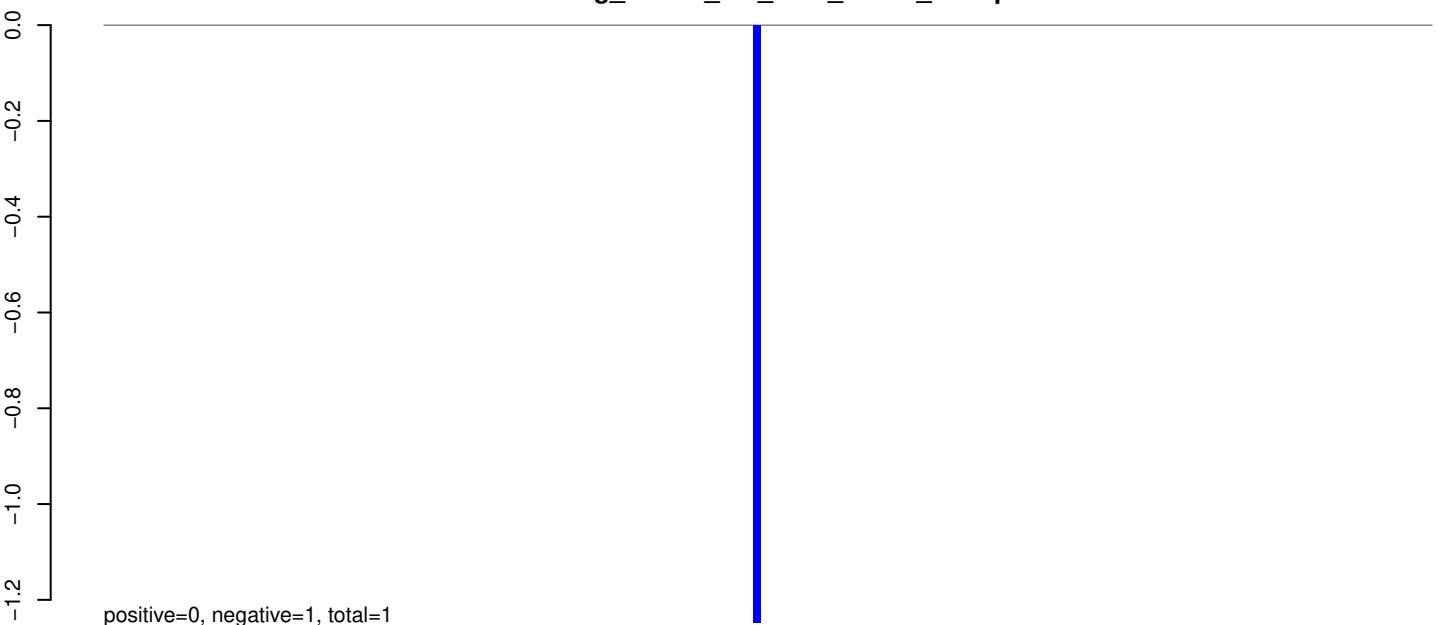
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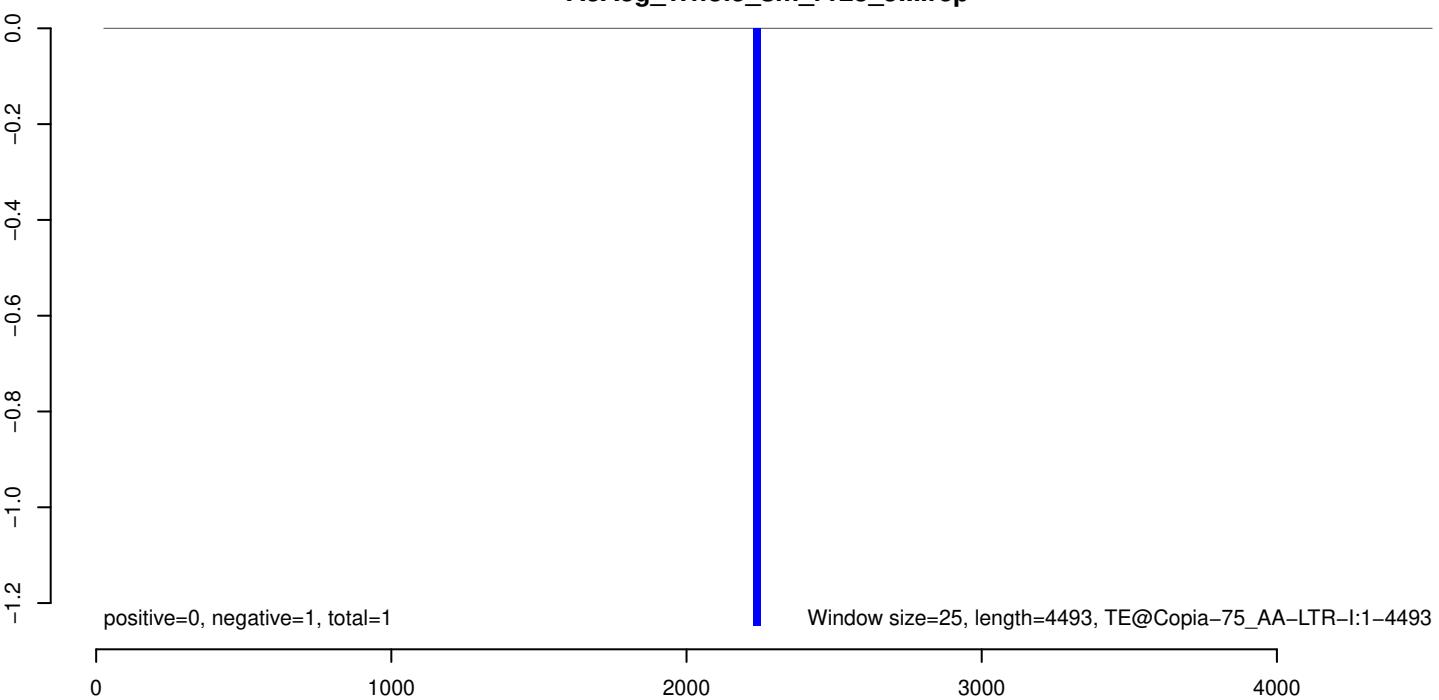
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



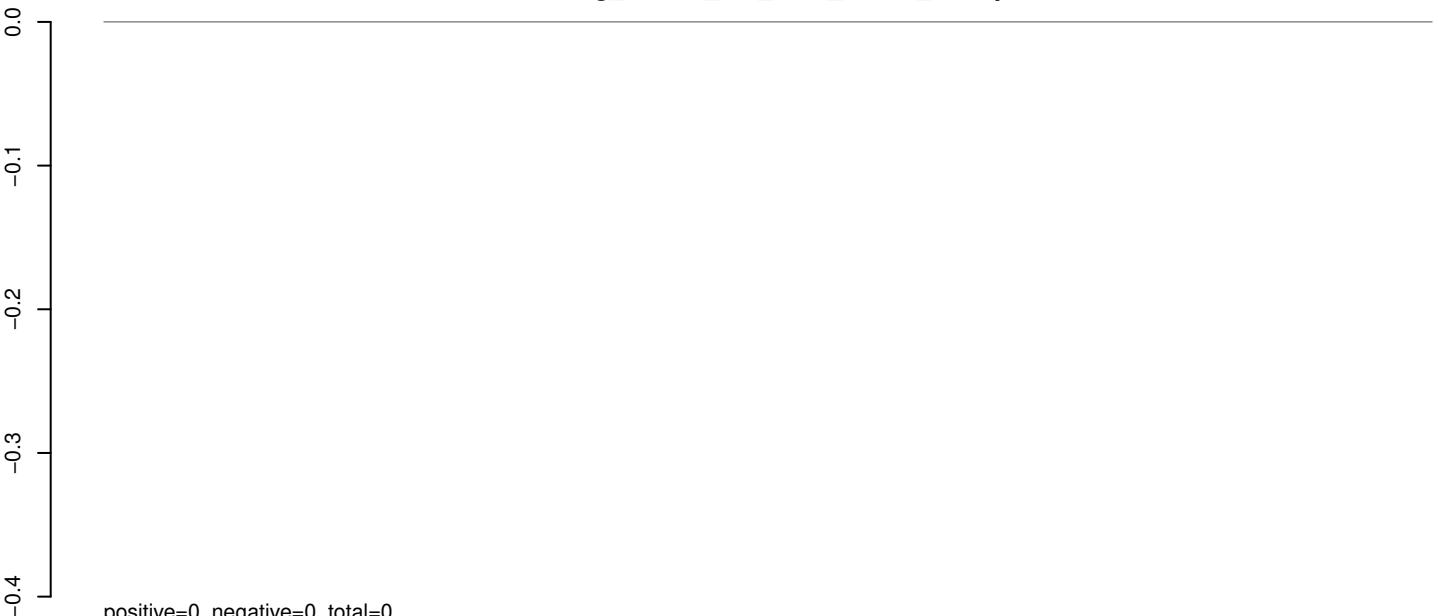
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



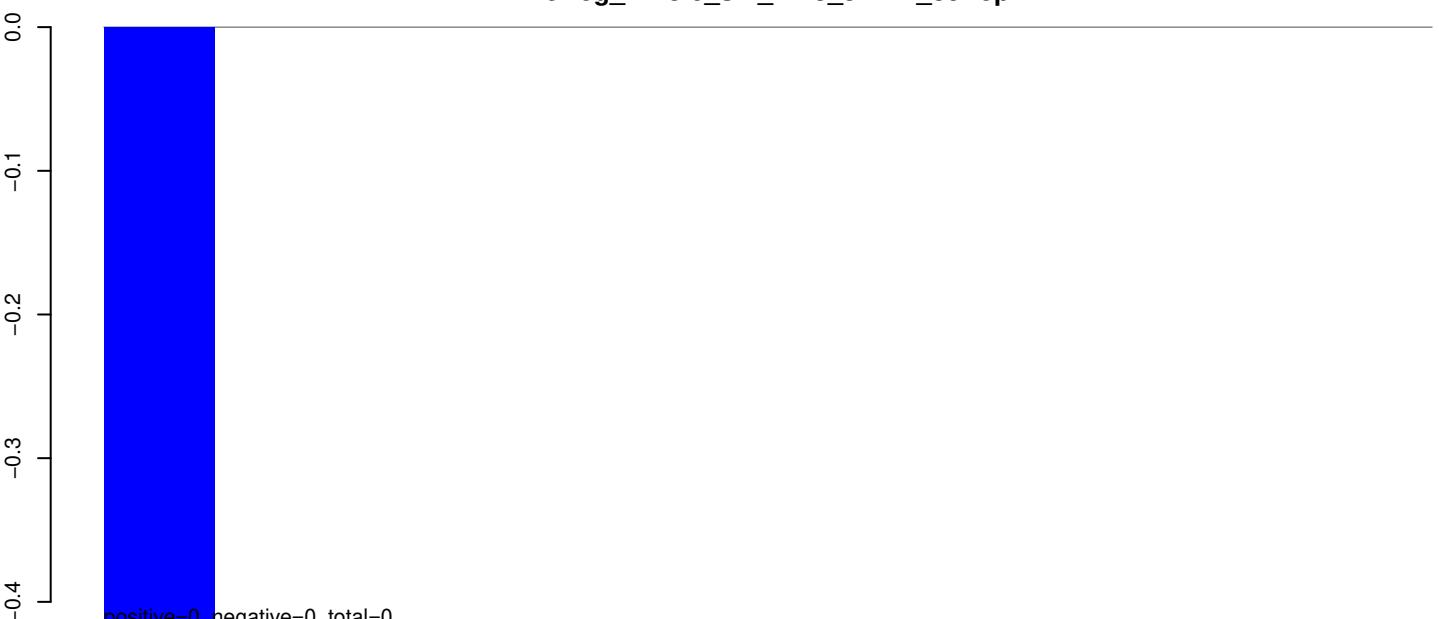
### AeAeg\_Whole\_sm\_r123\_JM.rep



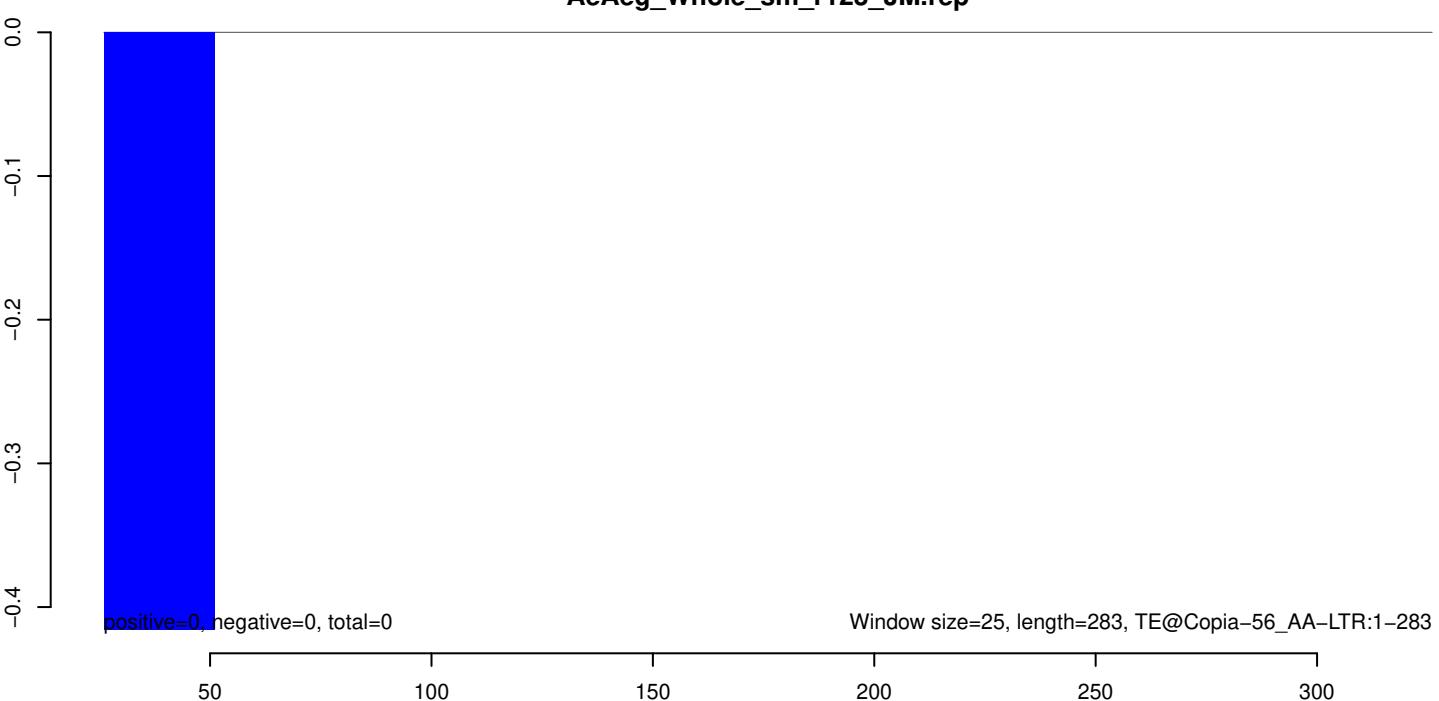
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



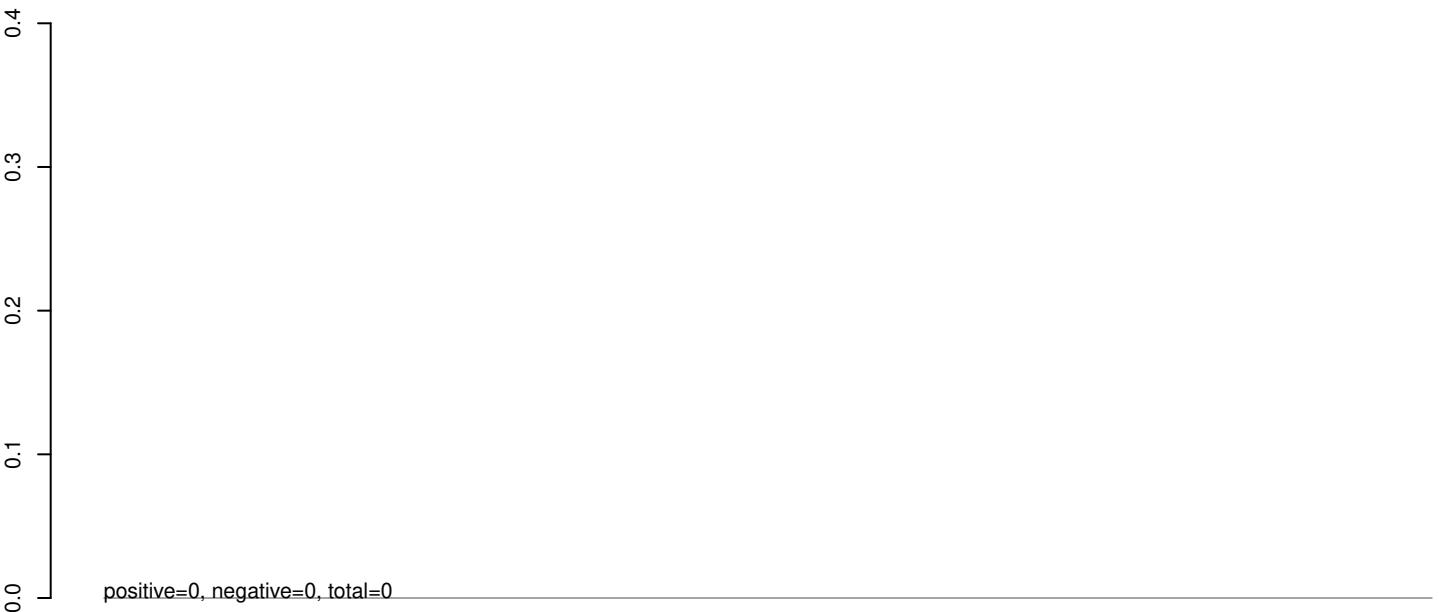
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



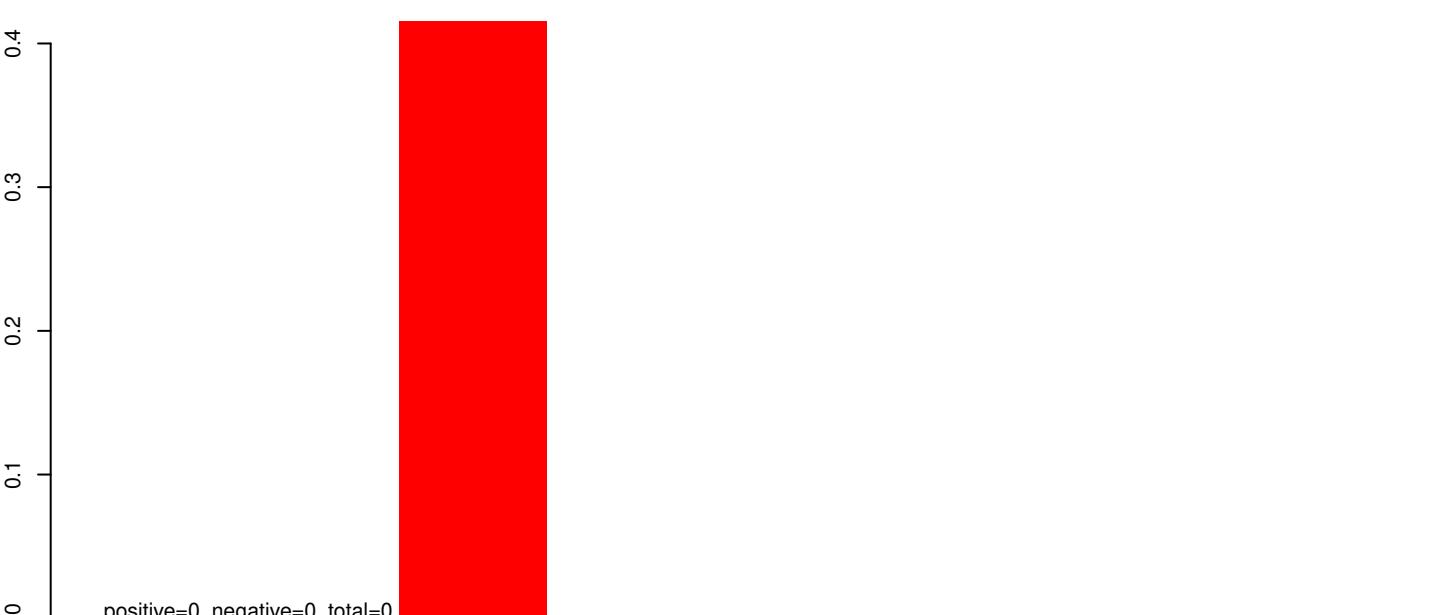
**AeAeg\_Whole\_sm\_r123\_JM.rep**



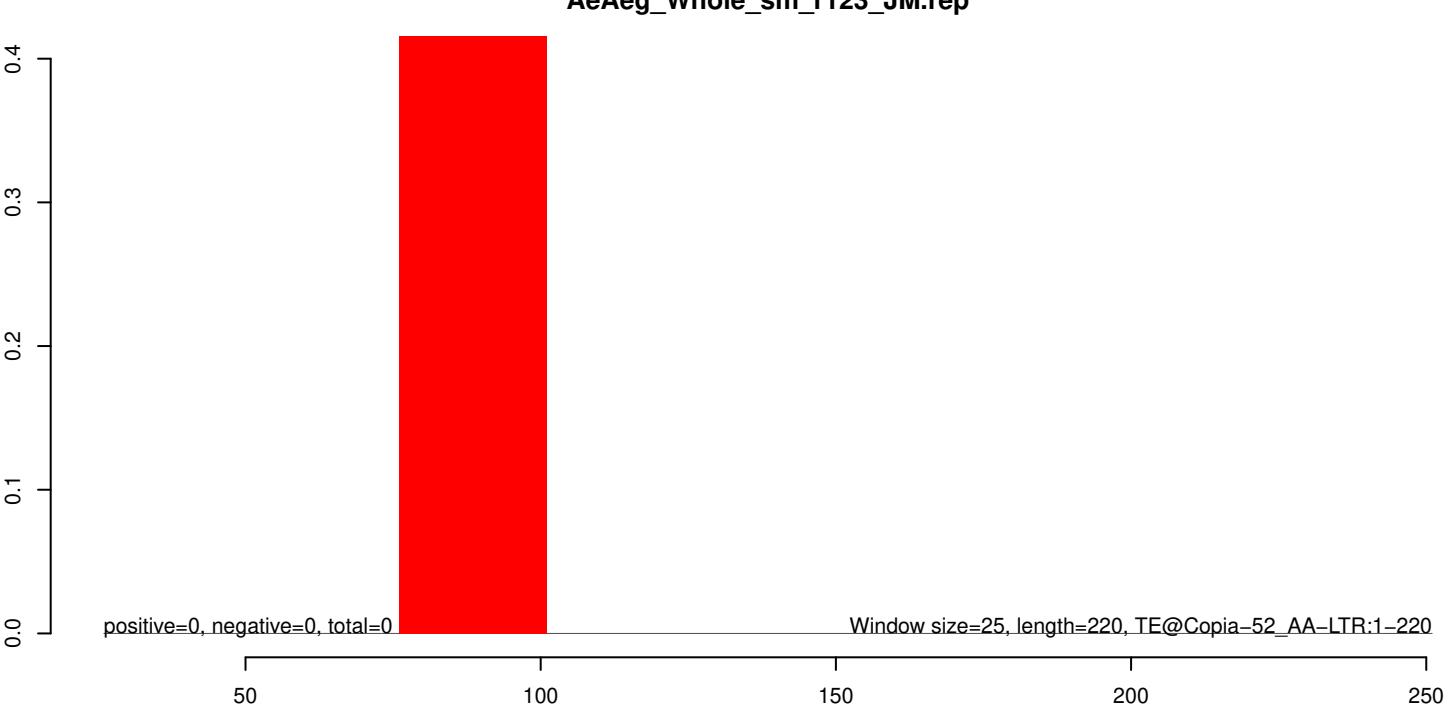
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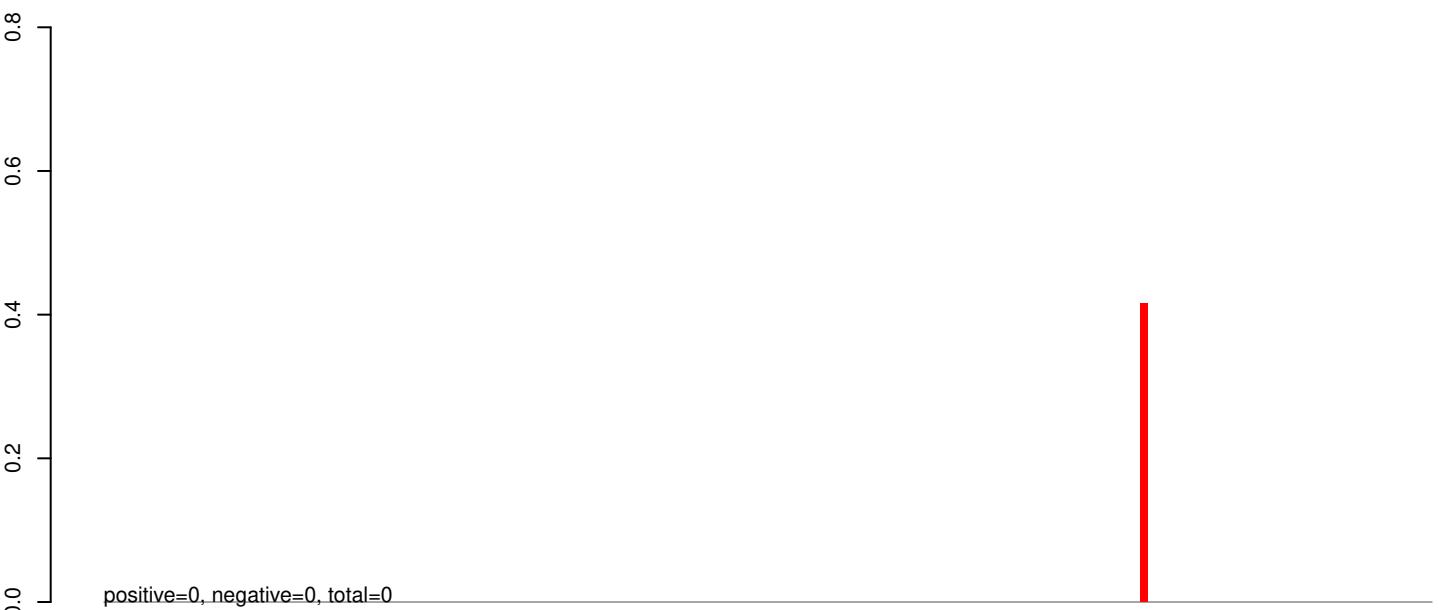
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



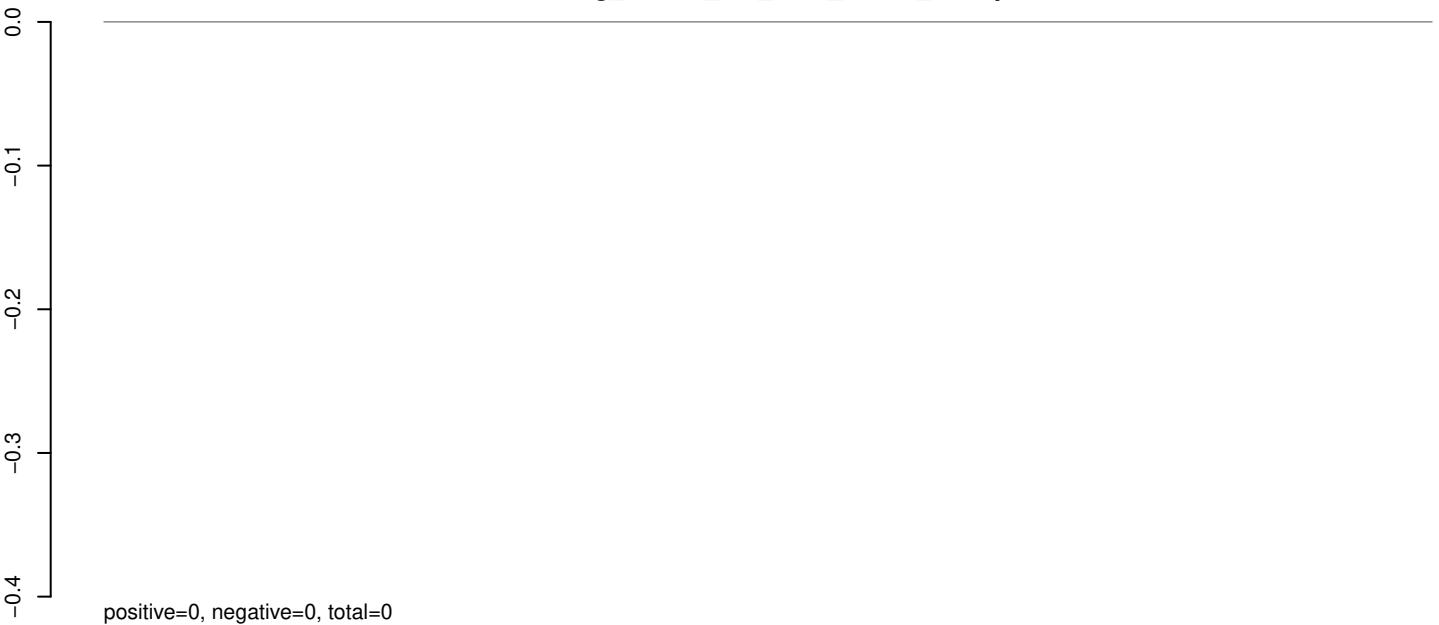
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



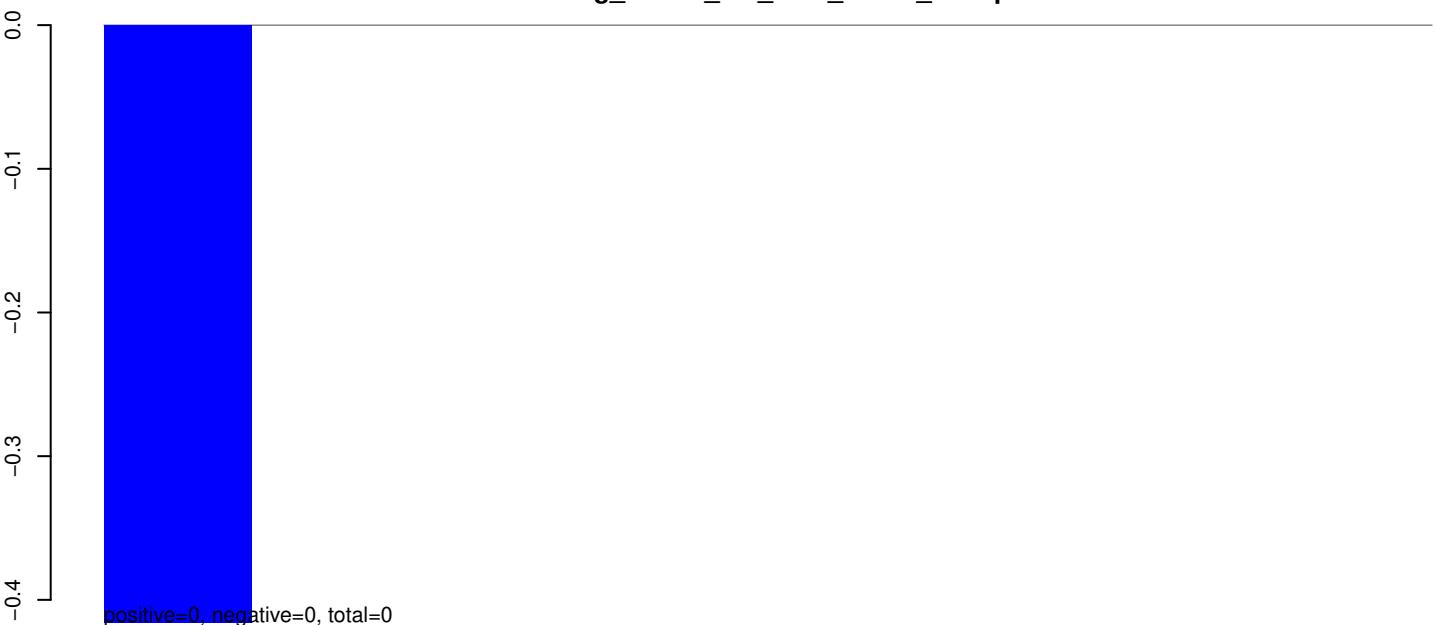
**AeAeg\_Whole\_sm\_r123\_JM.rep**



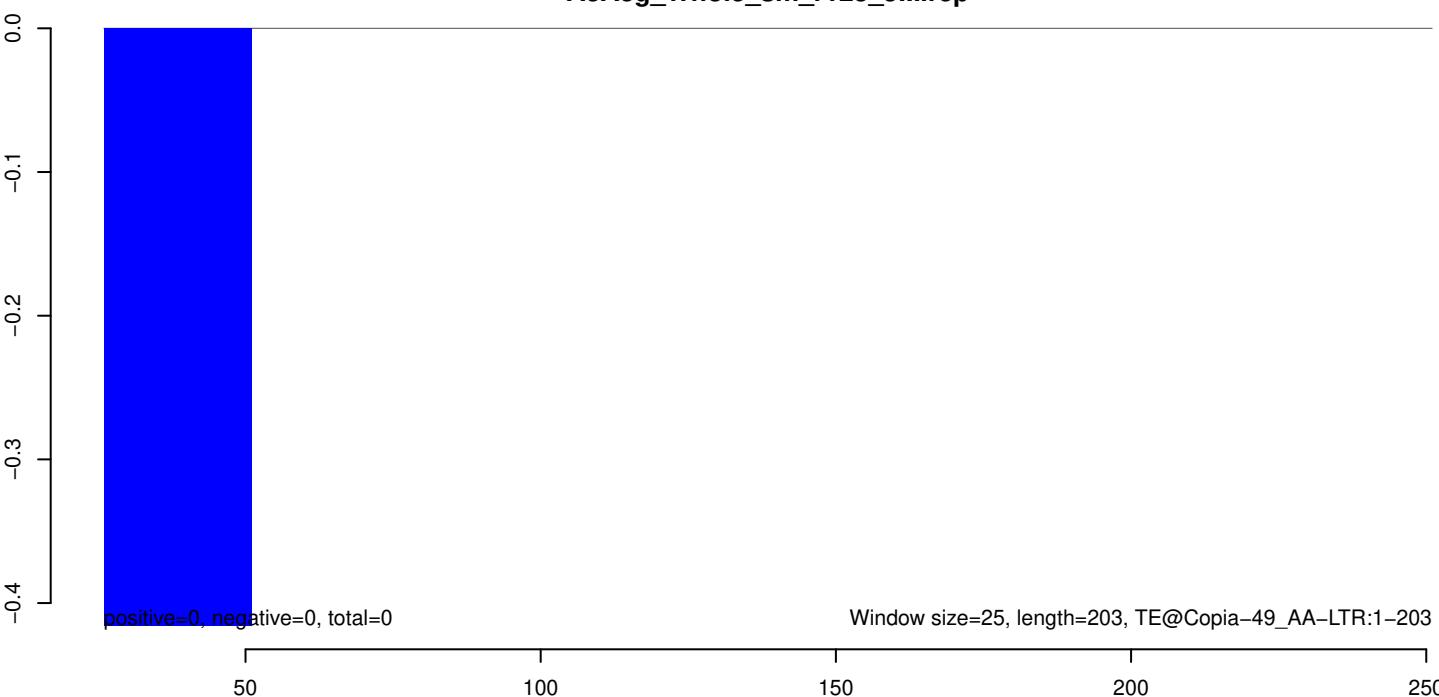
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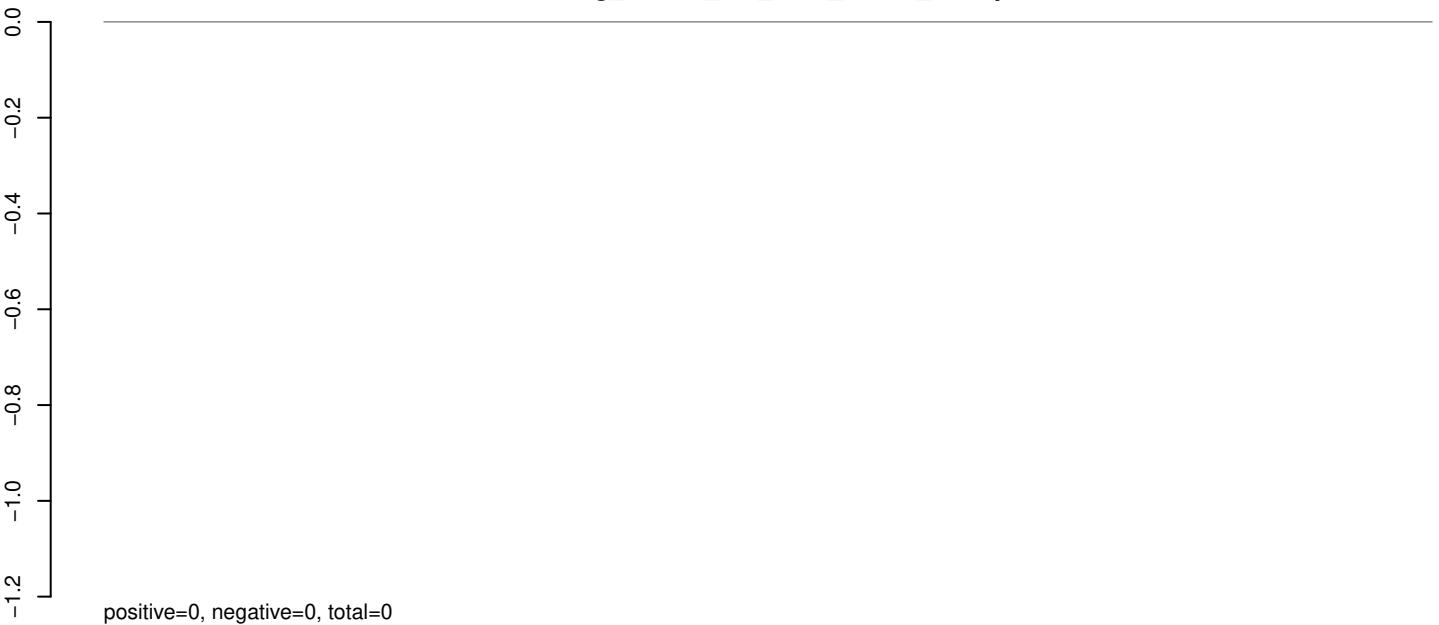
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



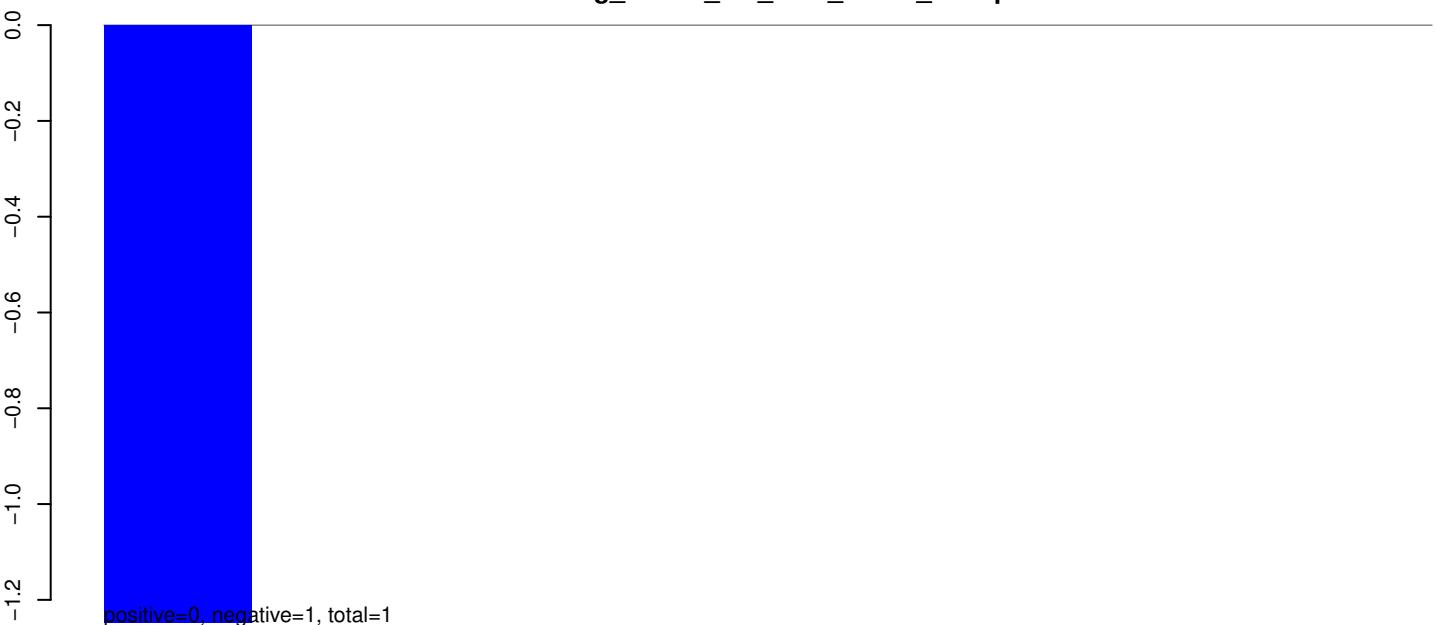
AeAeg\_Whole\_sm\_r123\_JM.rep



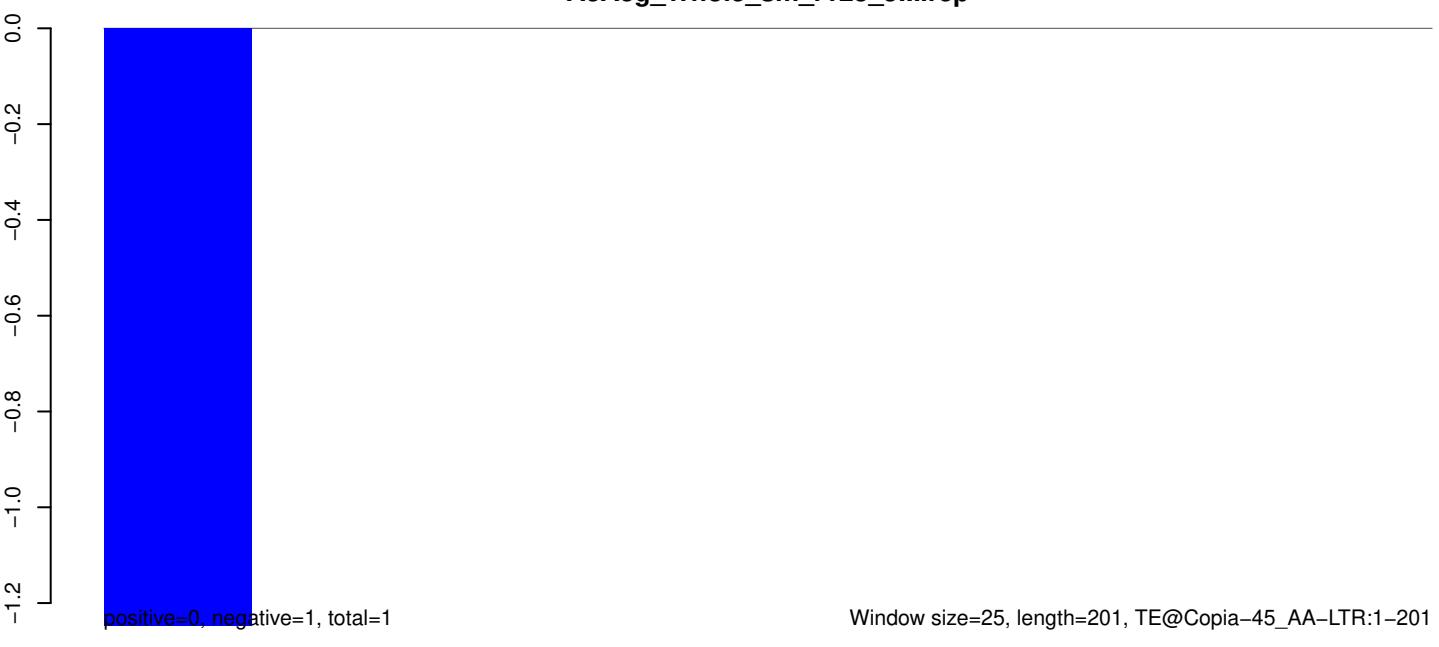
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



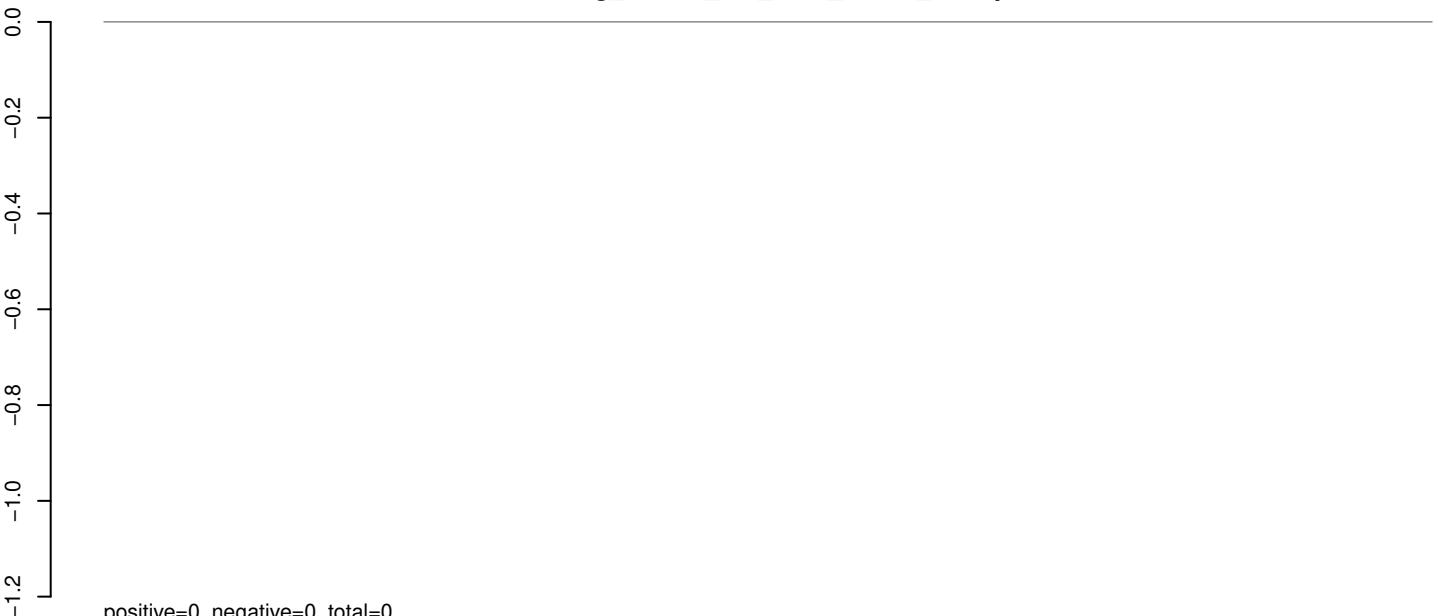
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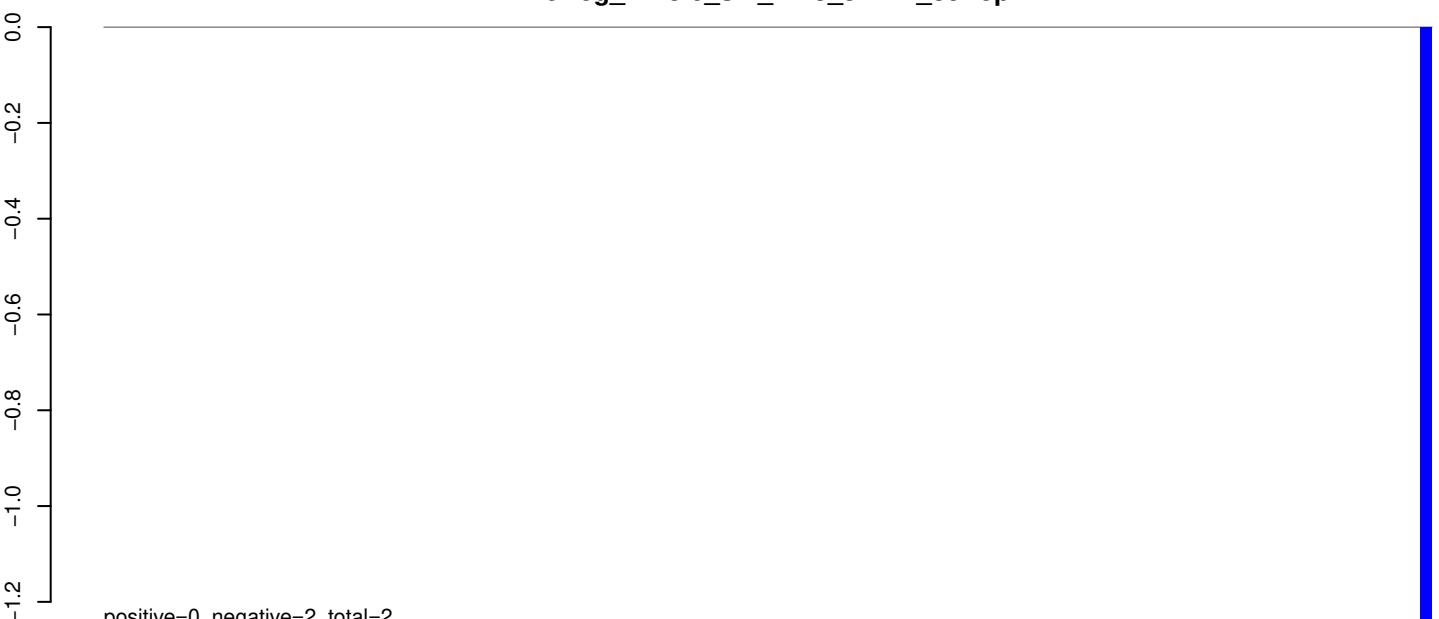
### AeAeg\_Whole\_sm\_r123\_JM.rep



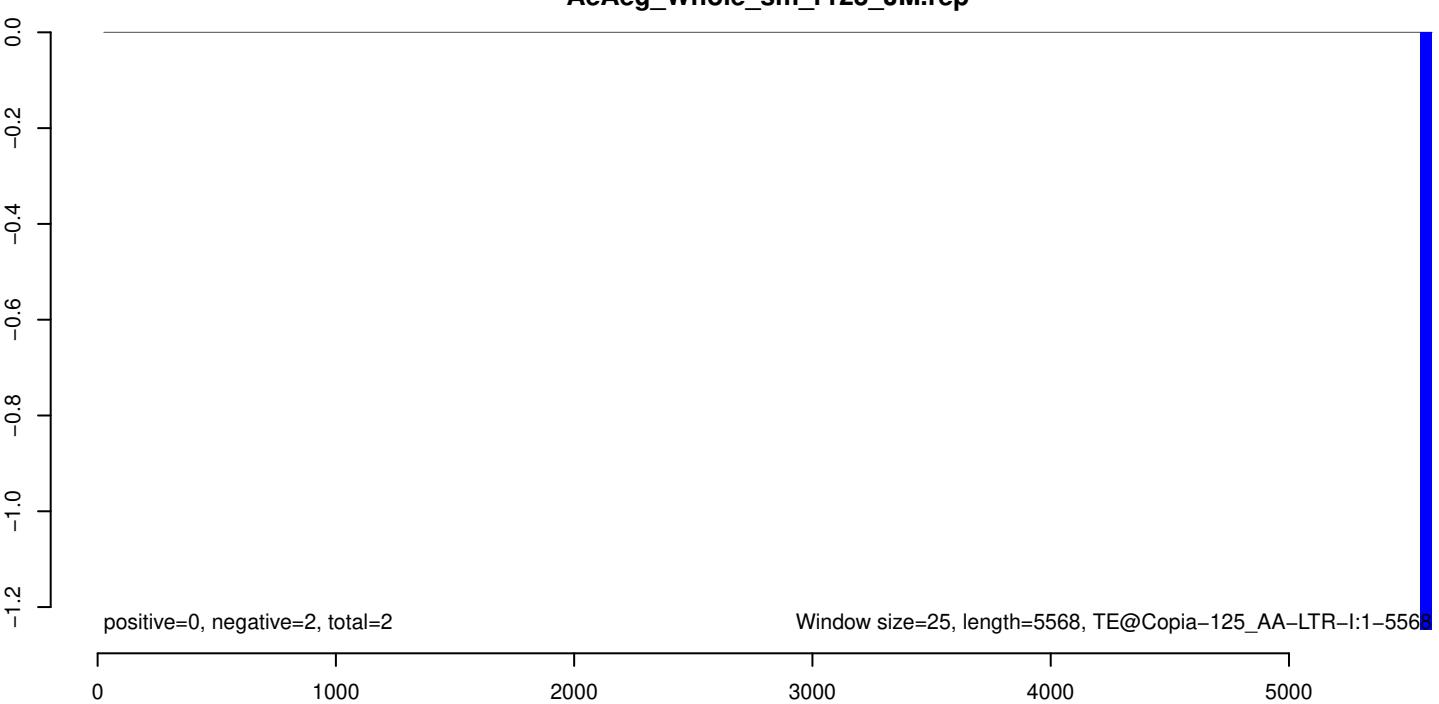
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



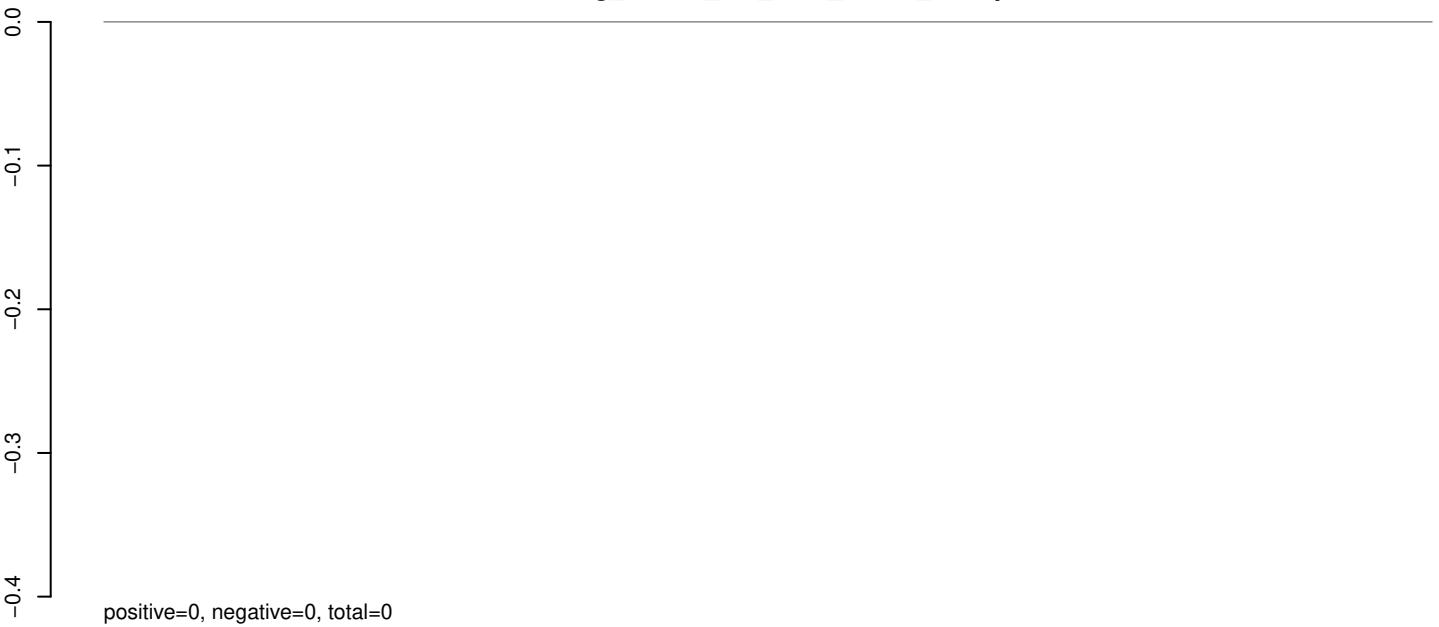
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



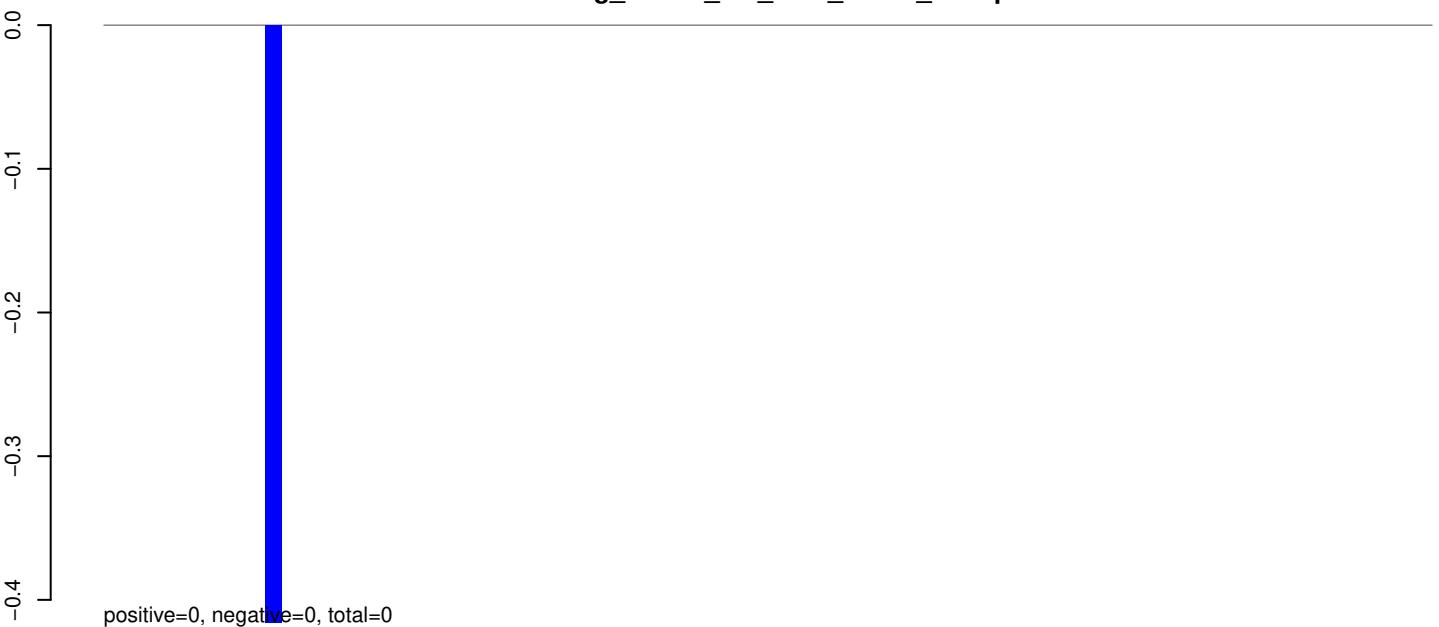
### AeAeg\_Whole\_sm\_r123\_JM.rep



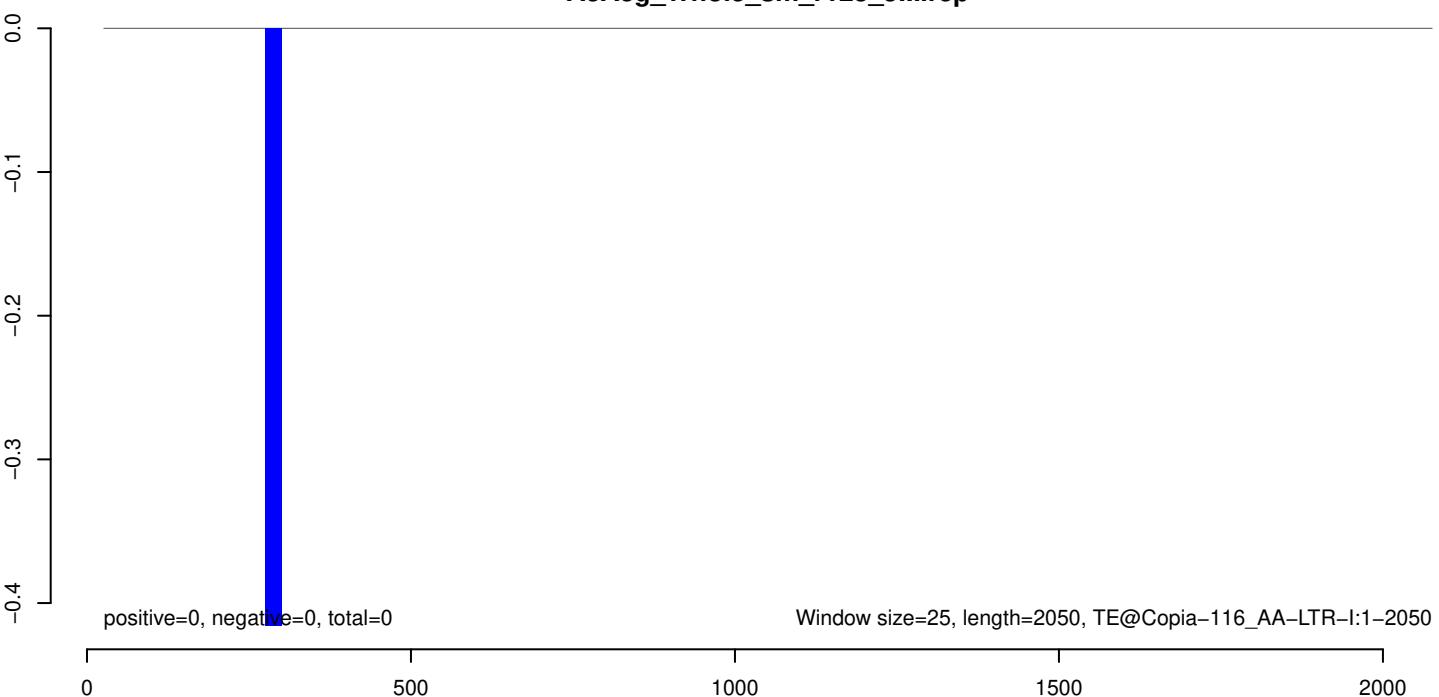
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



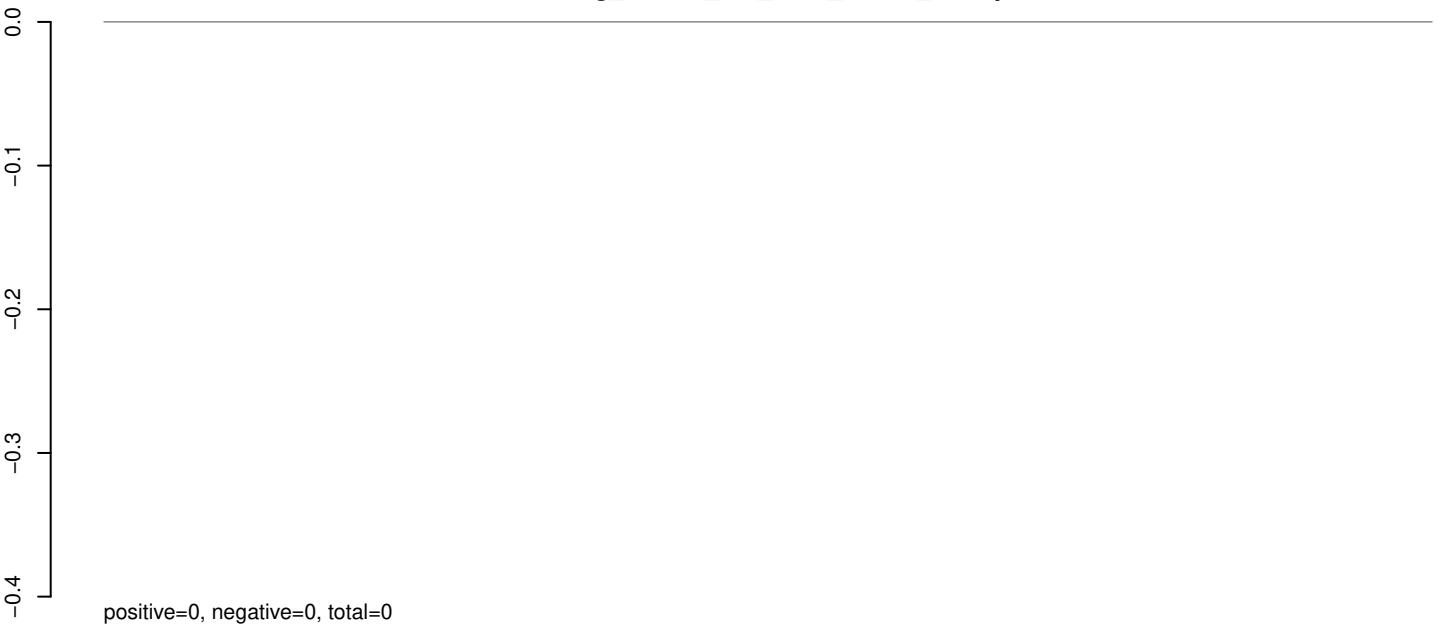
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



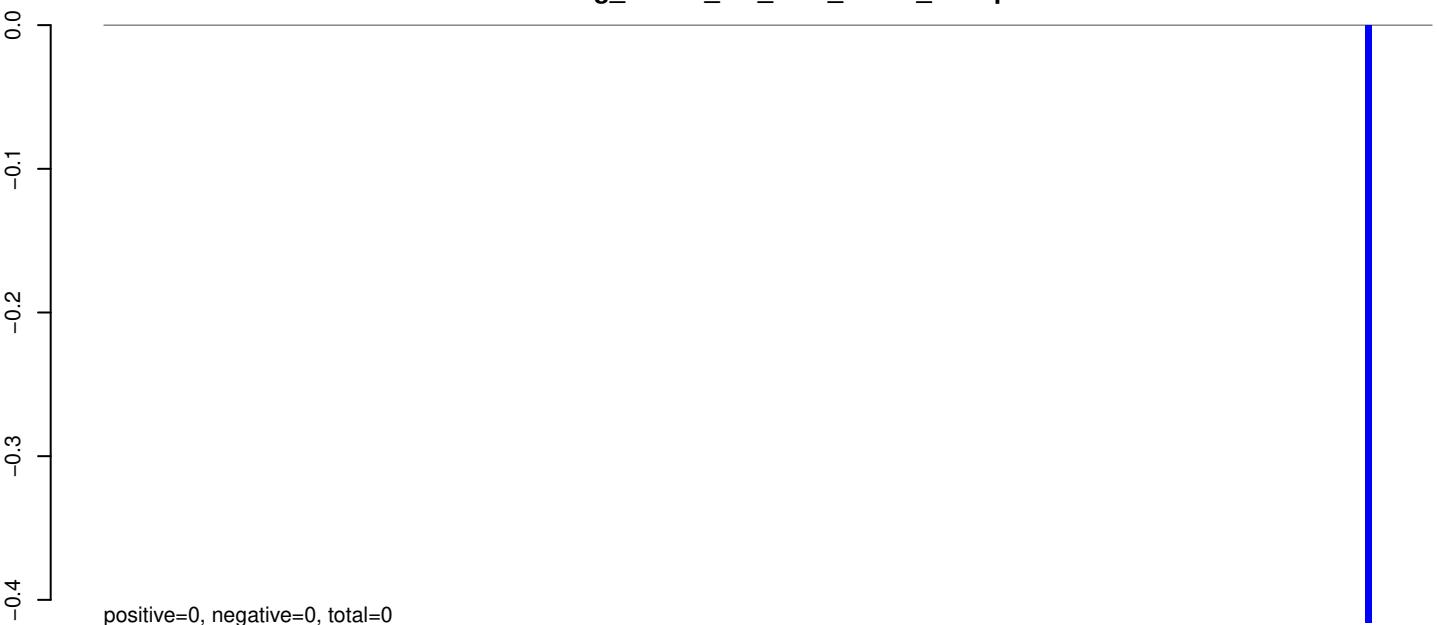
AeAeg\_Whole\_sm\_r123\_JM.rep



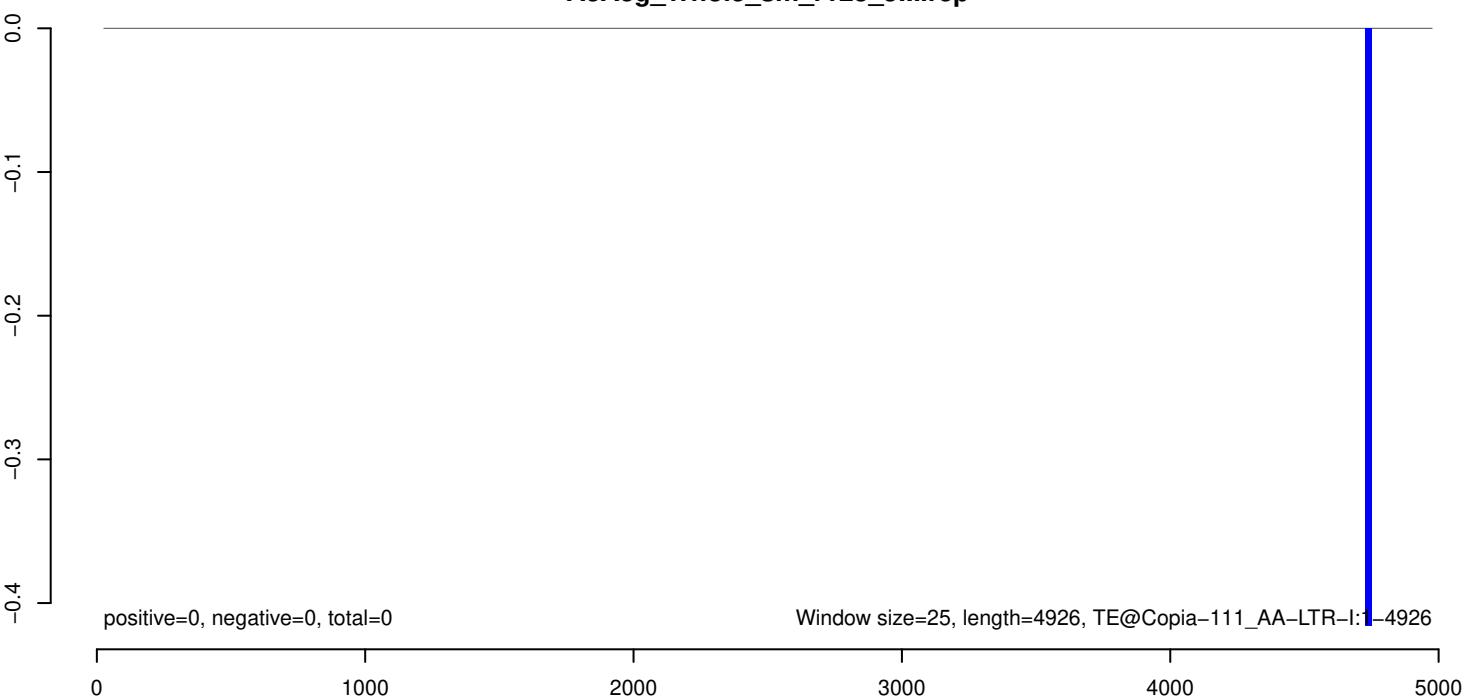
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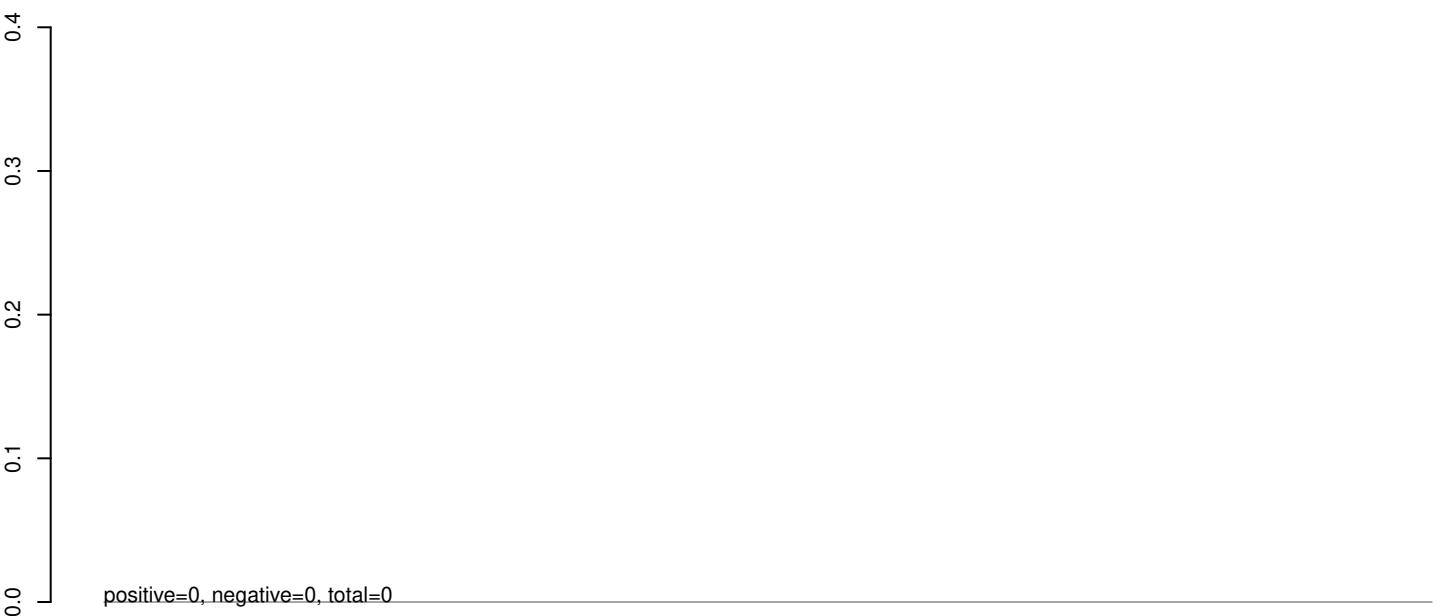
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



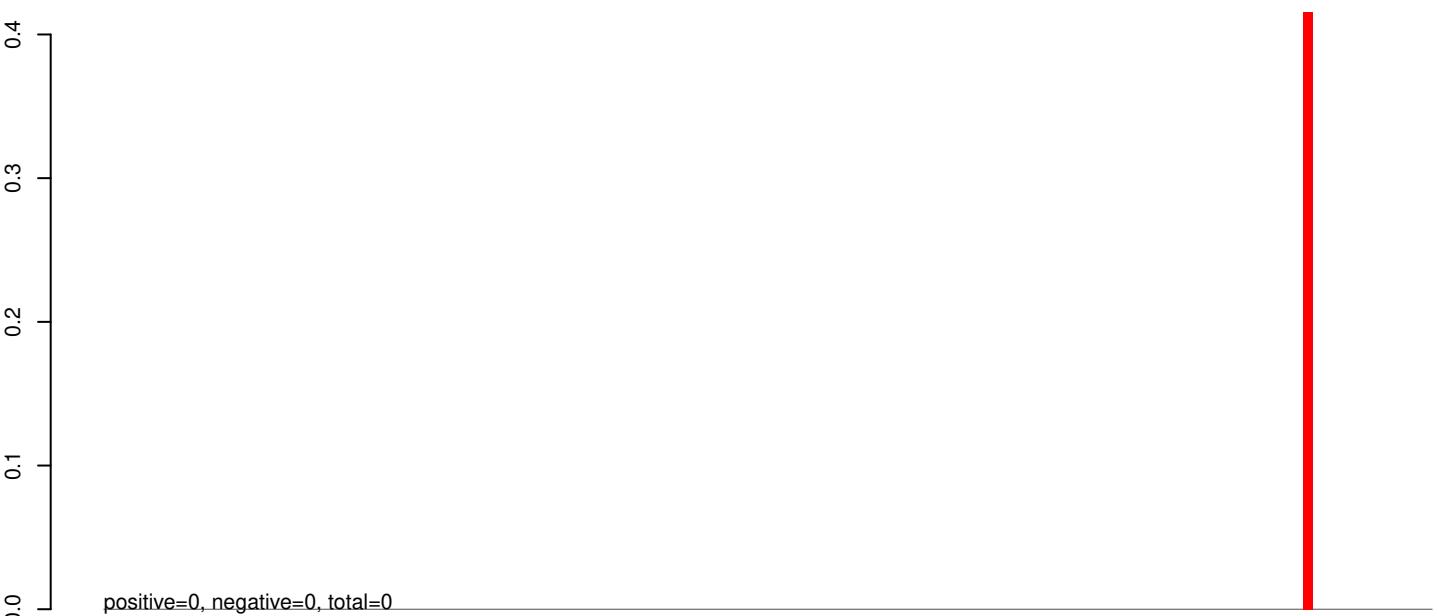
### AeAeg\_Whole\_sm\_r123\_JM.rep



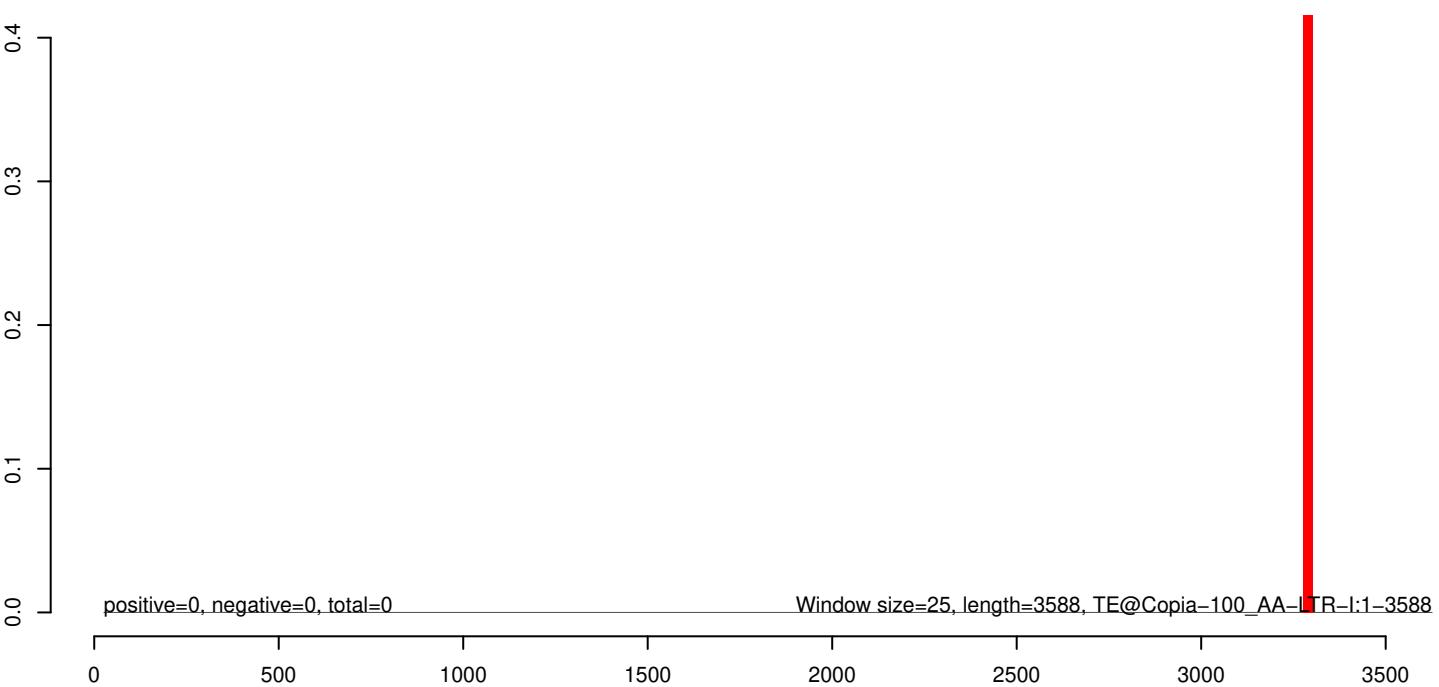
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



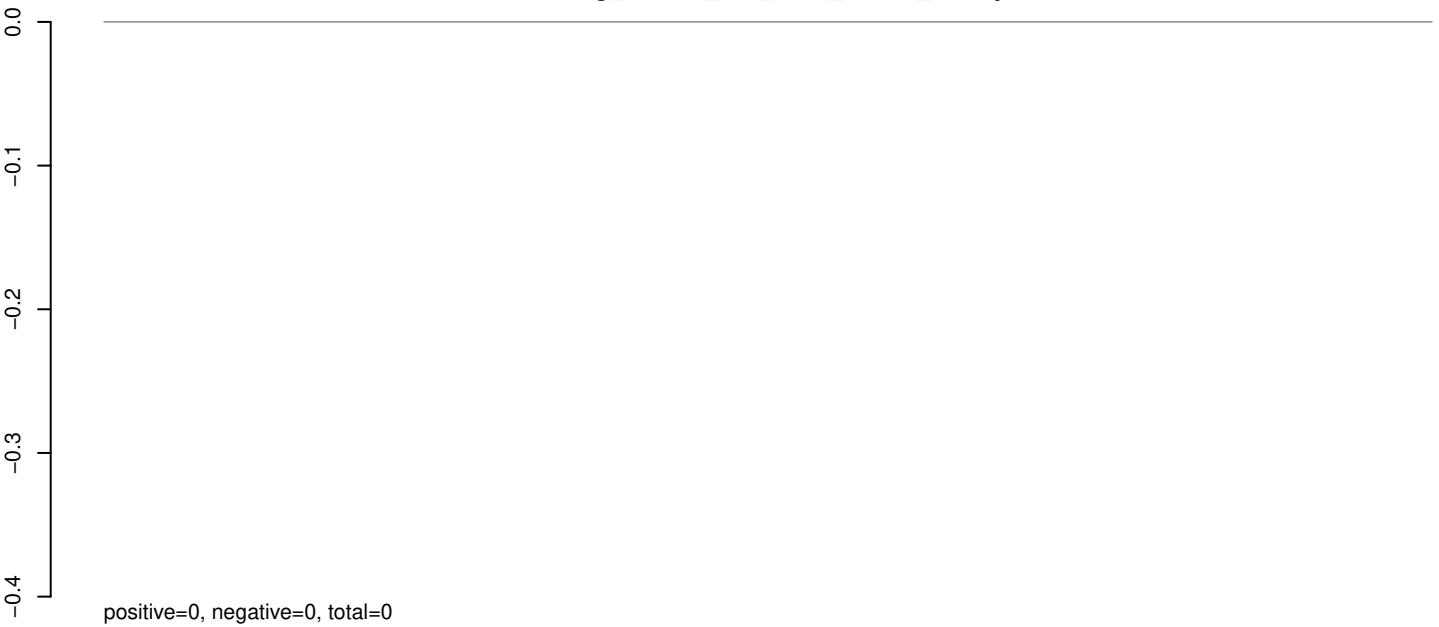
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



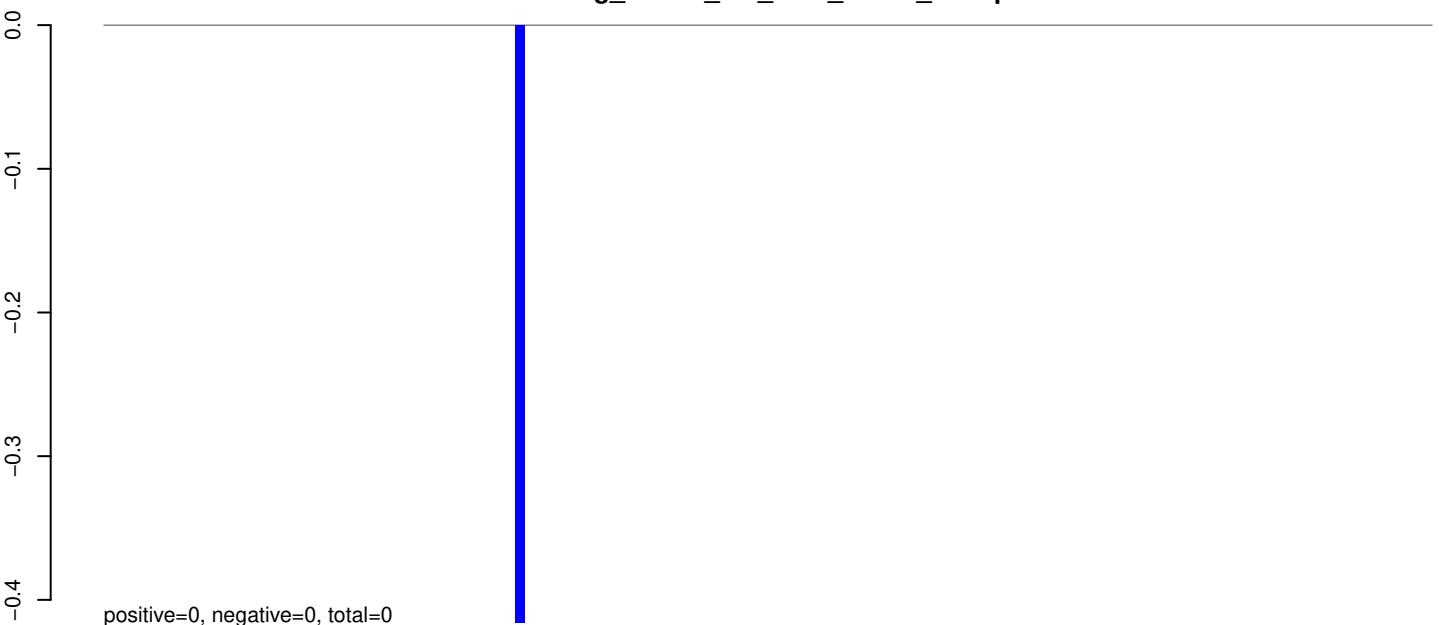
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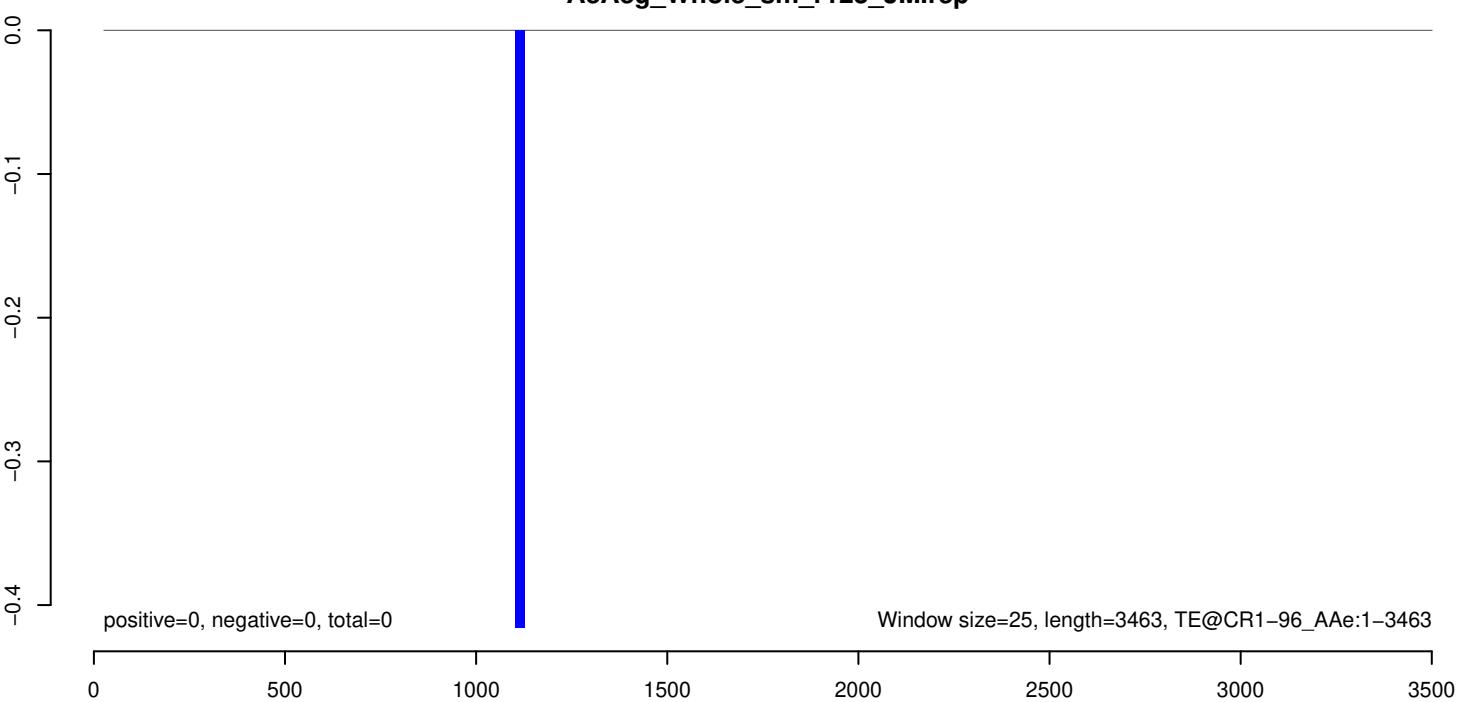
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



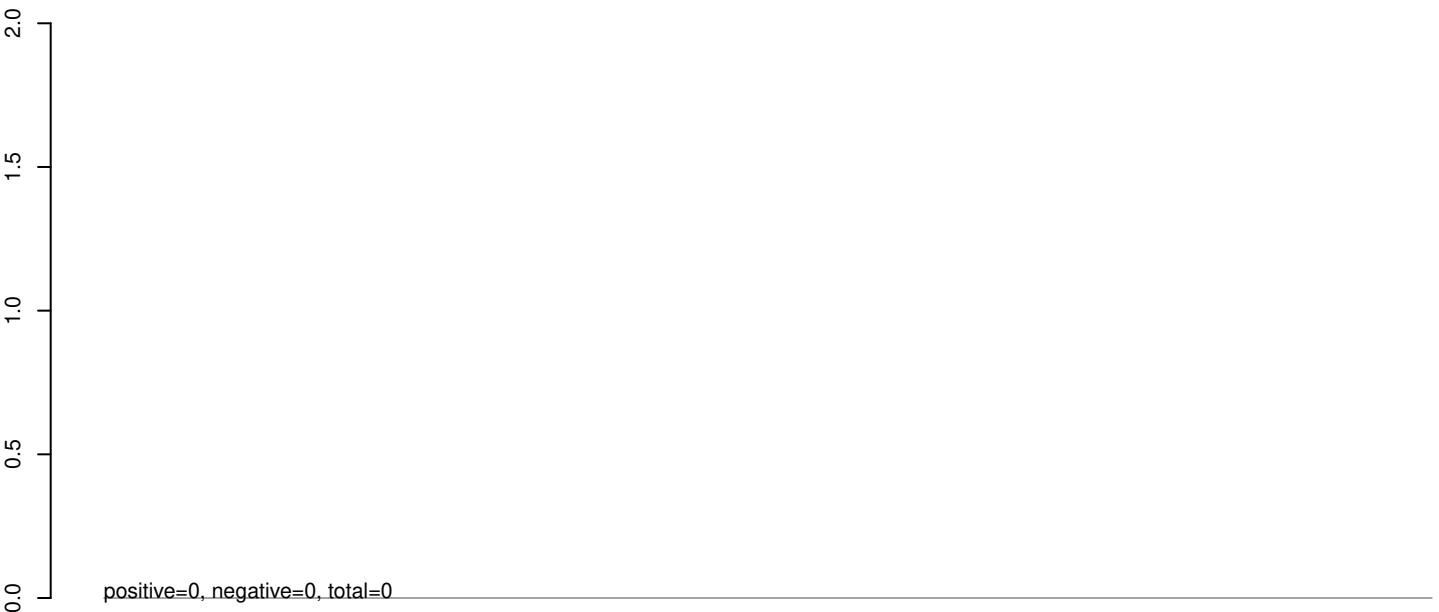
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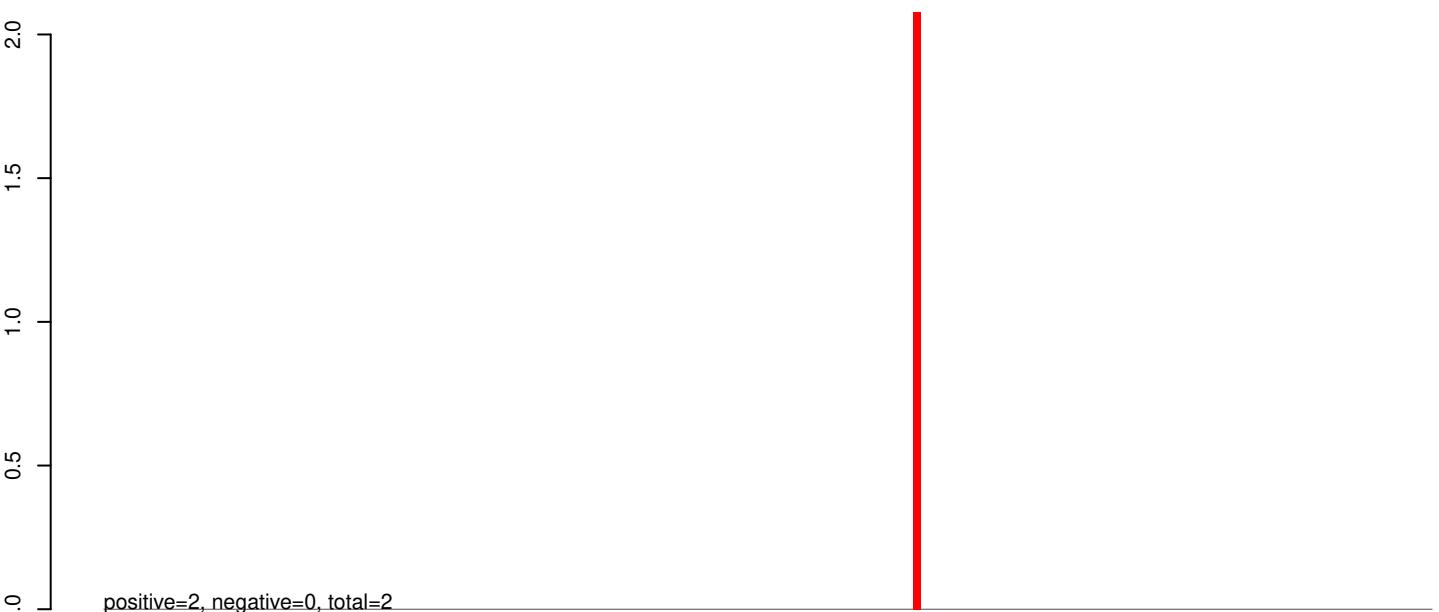
**AeAeg\_Whole\_sm\_r123\_JM.rep**



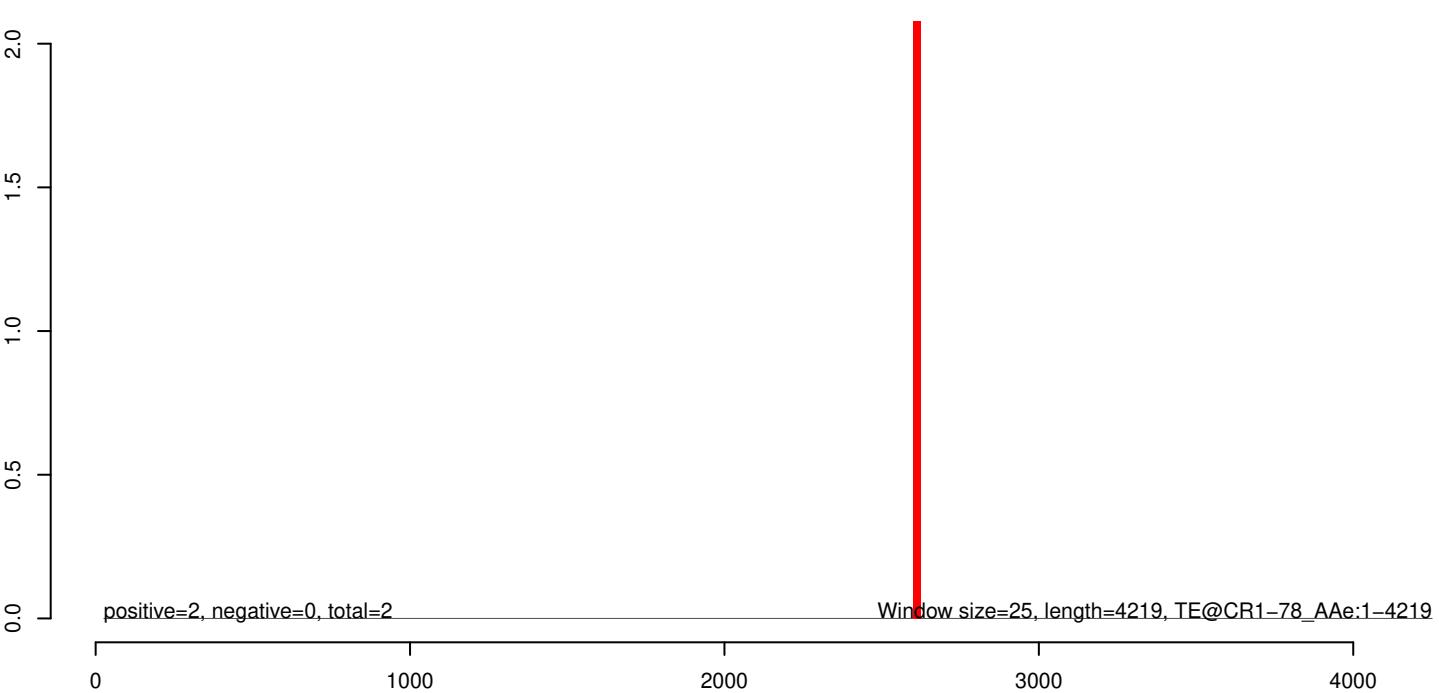
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



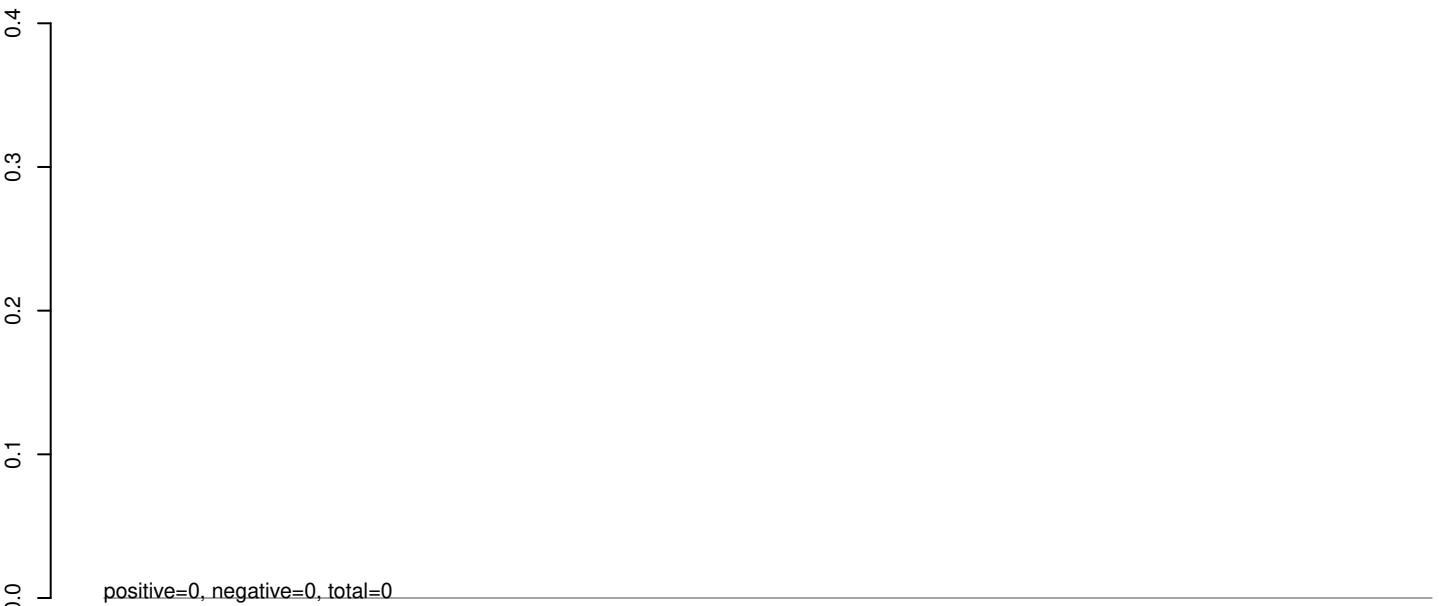
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



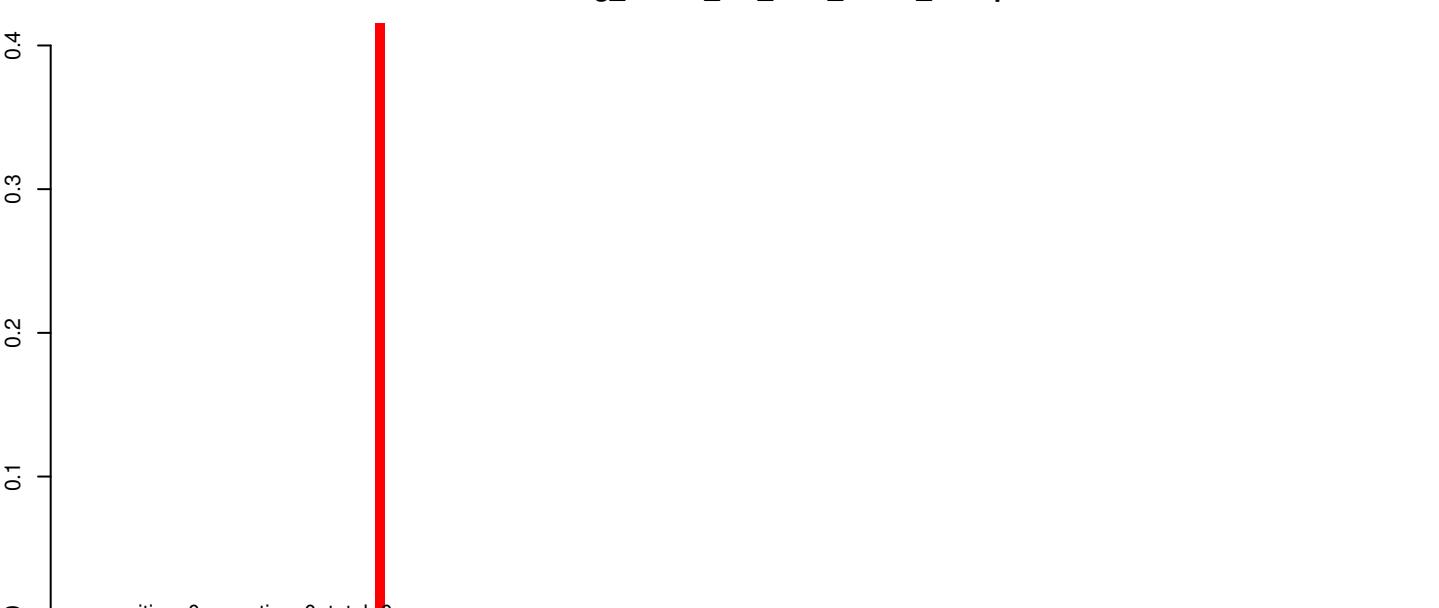
**AeAeg\_Whole\_sm\_r123\_JM.rep**



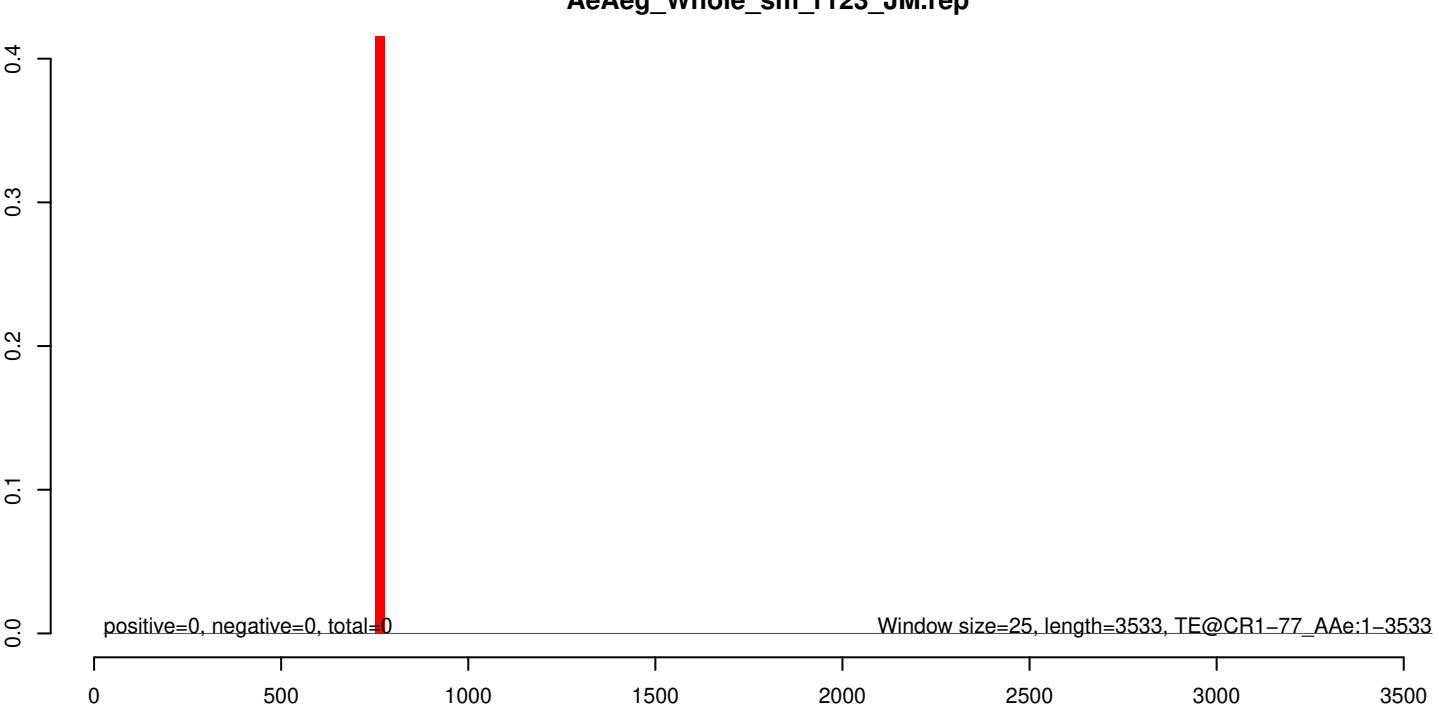
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



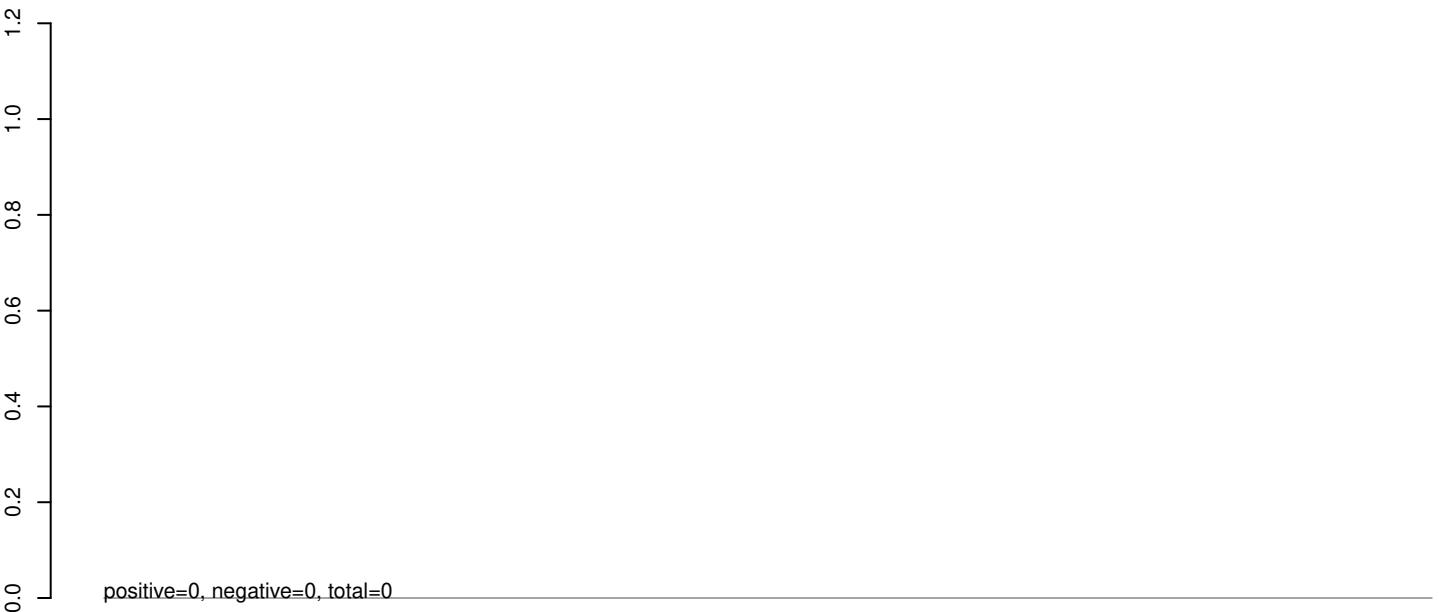
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



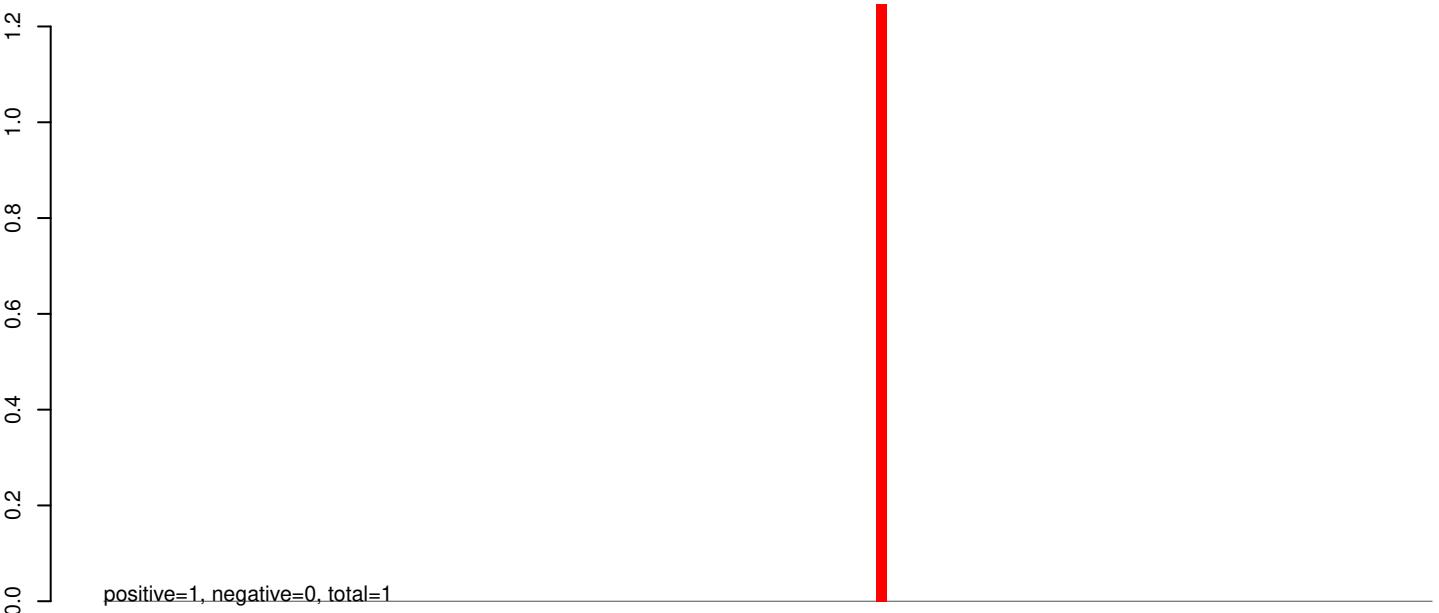
**AeAeg\_Whole\_sm\_r123\_JM.rep**



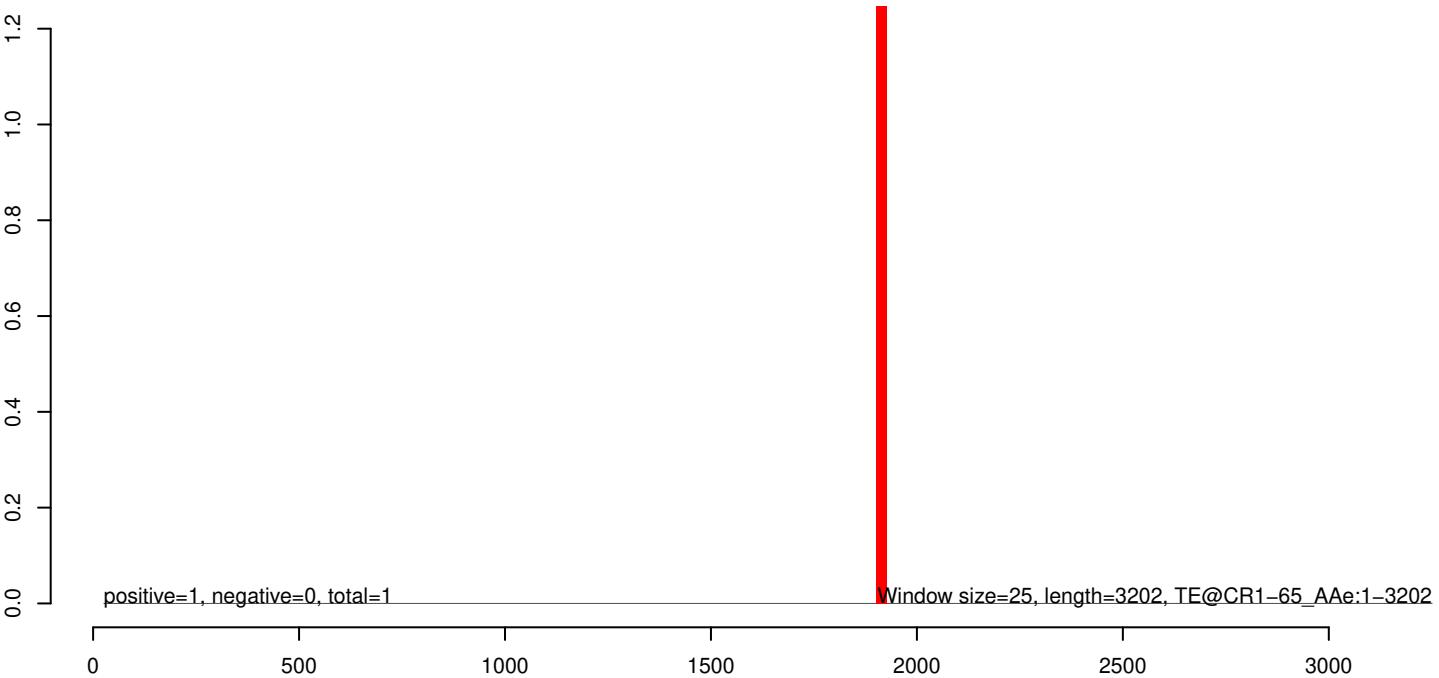
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



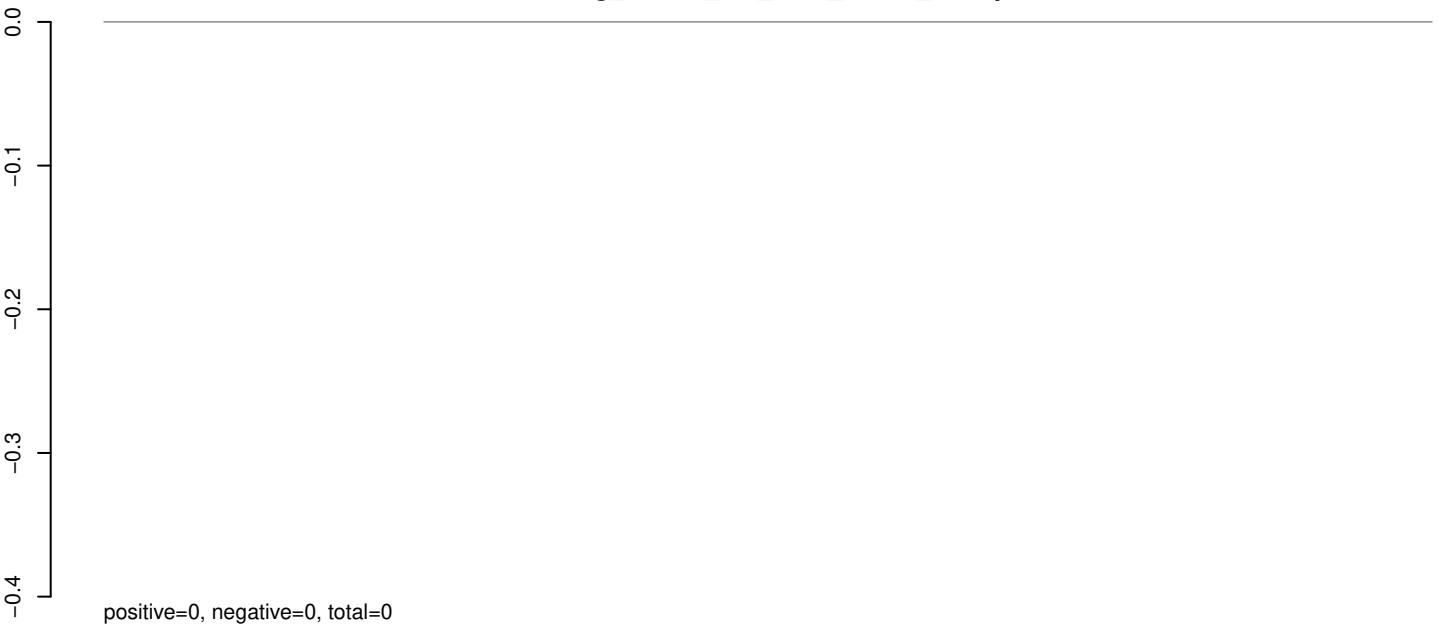
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



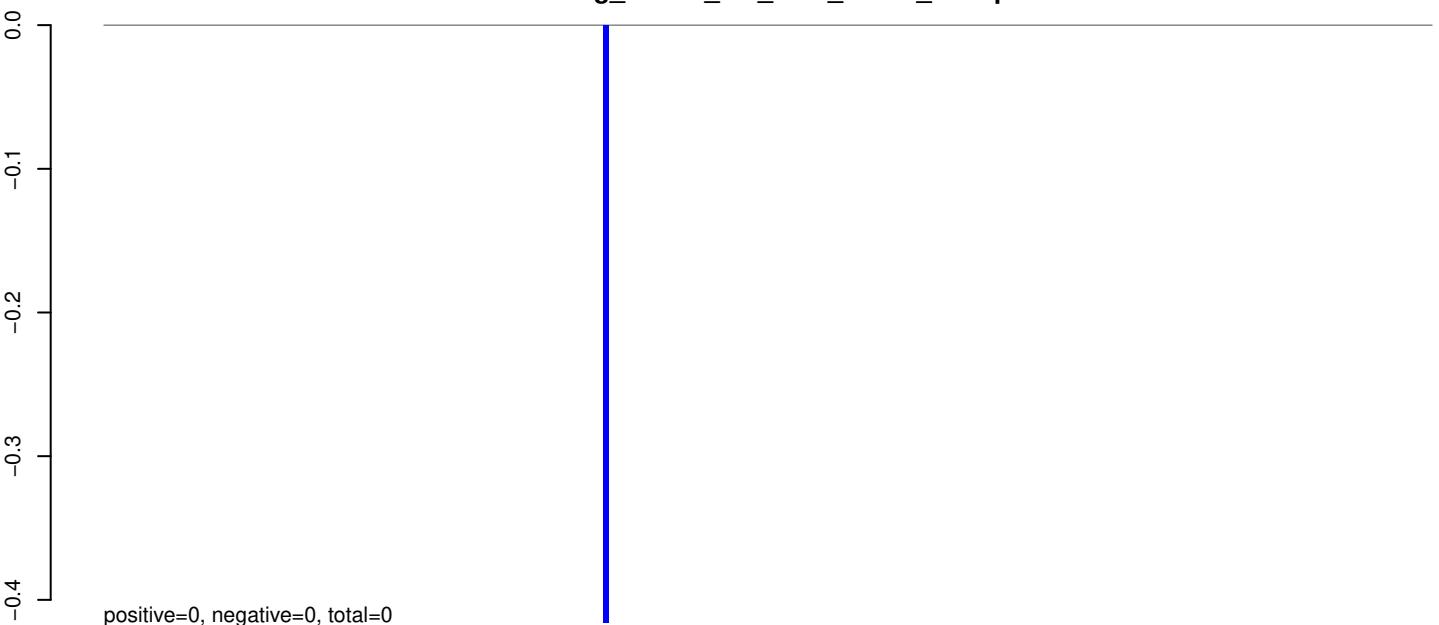
**AeAeg\_Whole\_sm\_r123\_JM.rep**



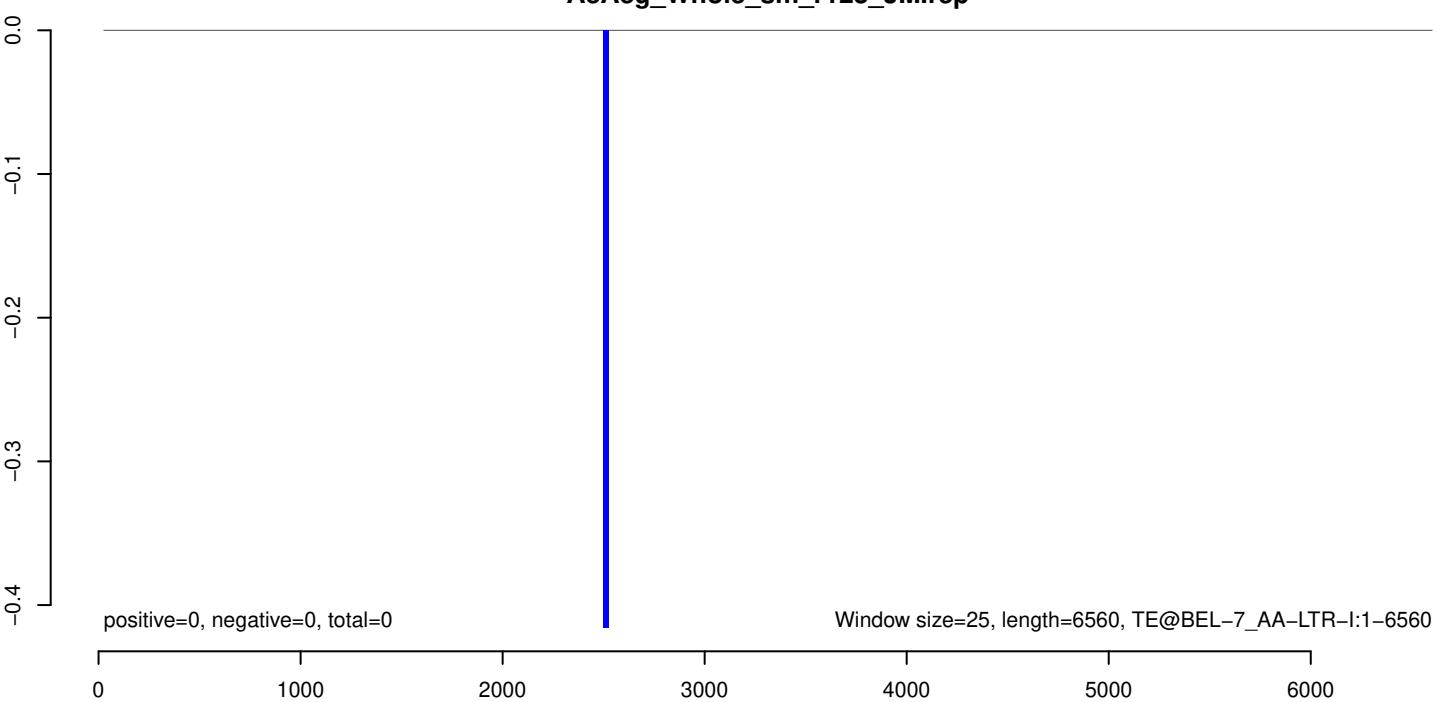
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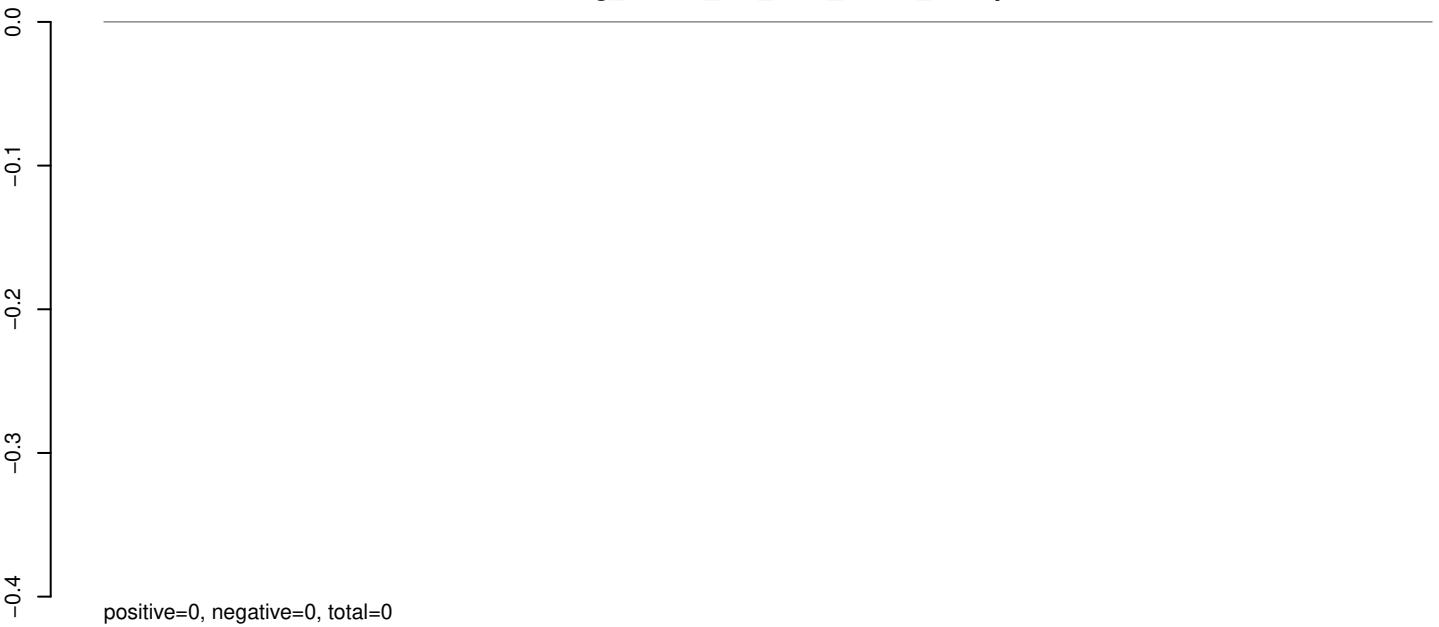
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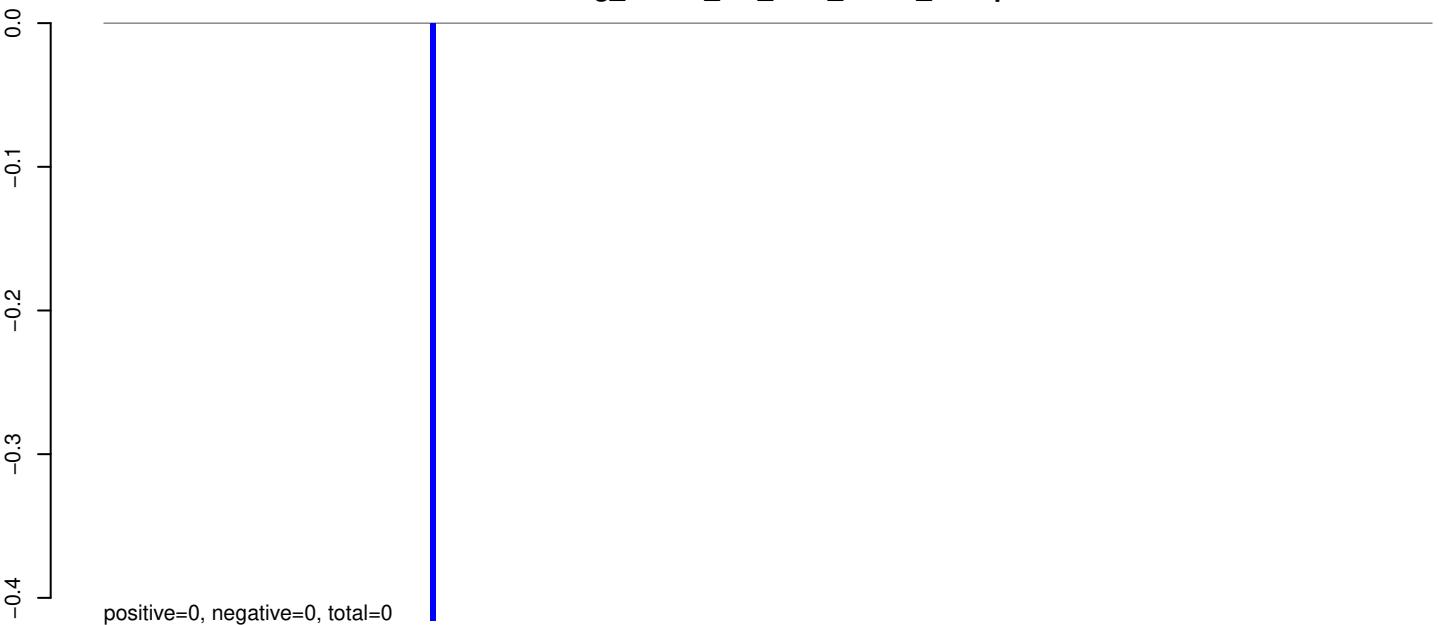
### AeAeg\_Whole\_sm\_r123\_JM.rep



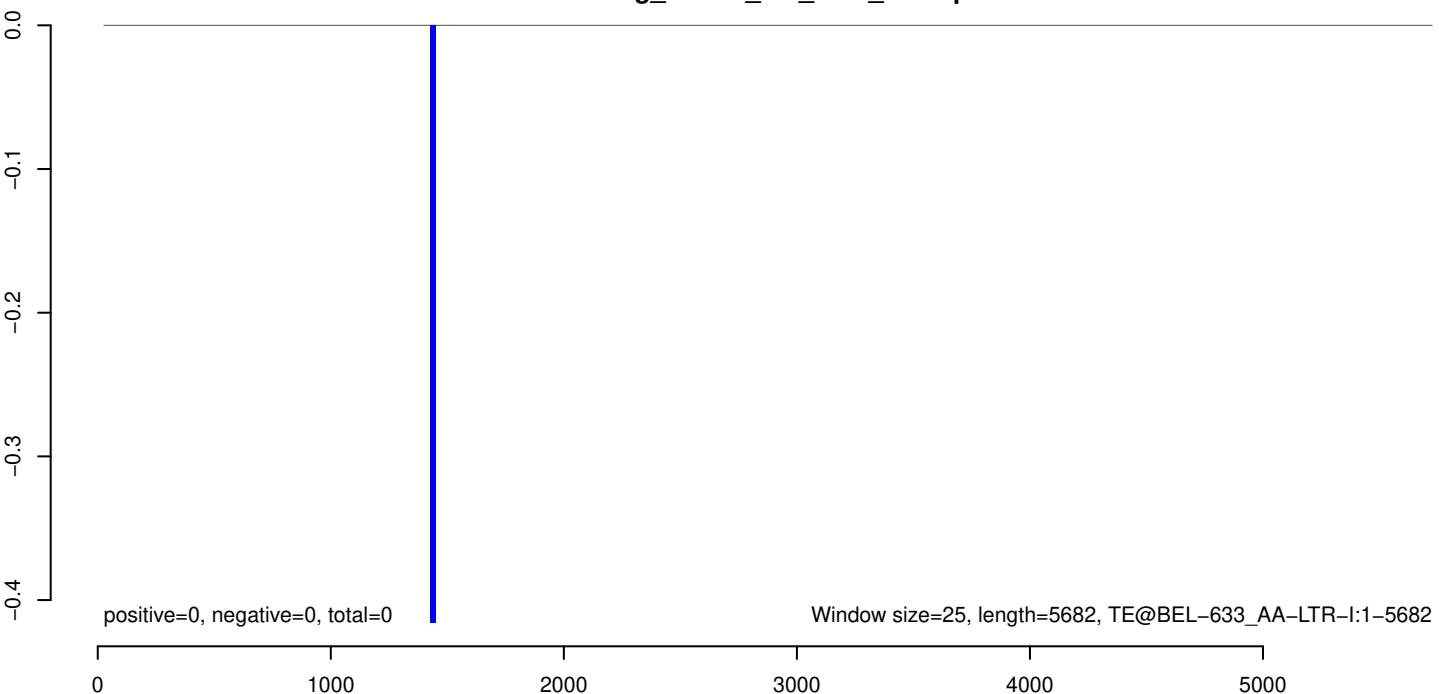
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



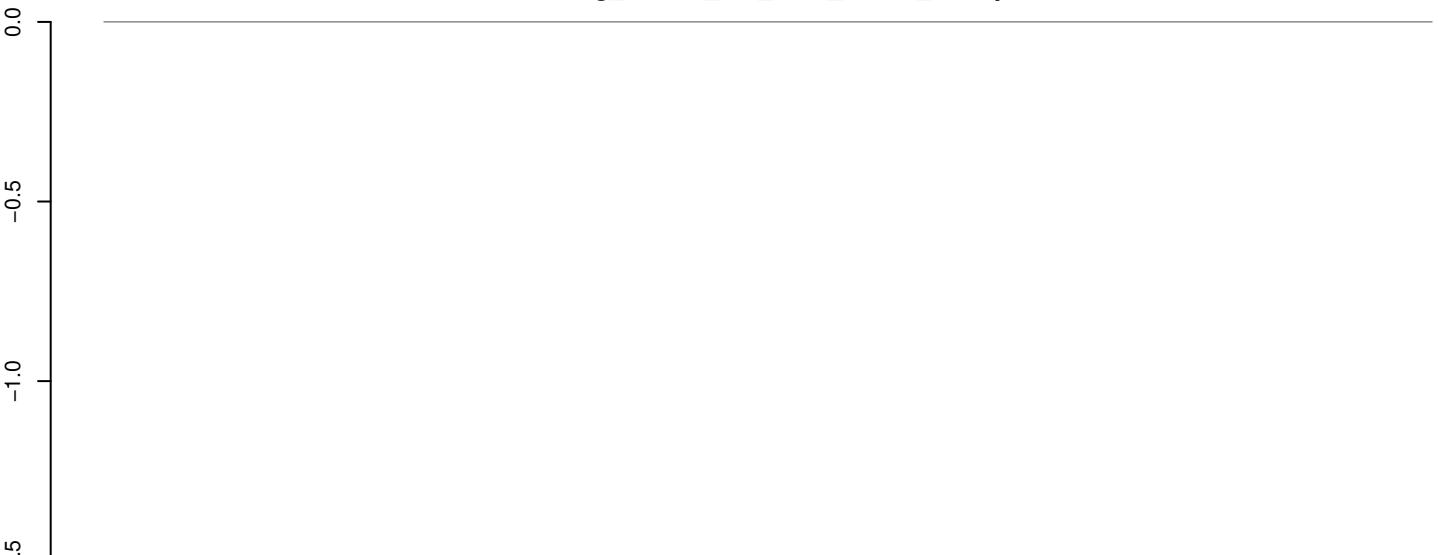
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep

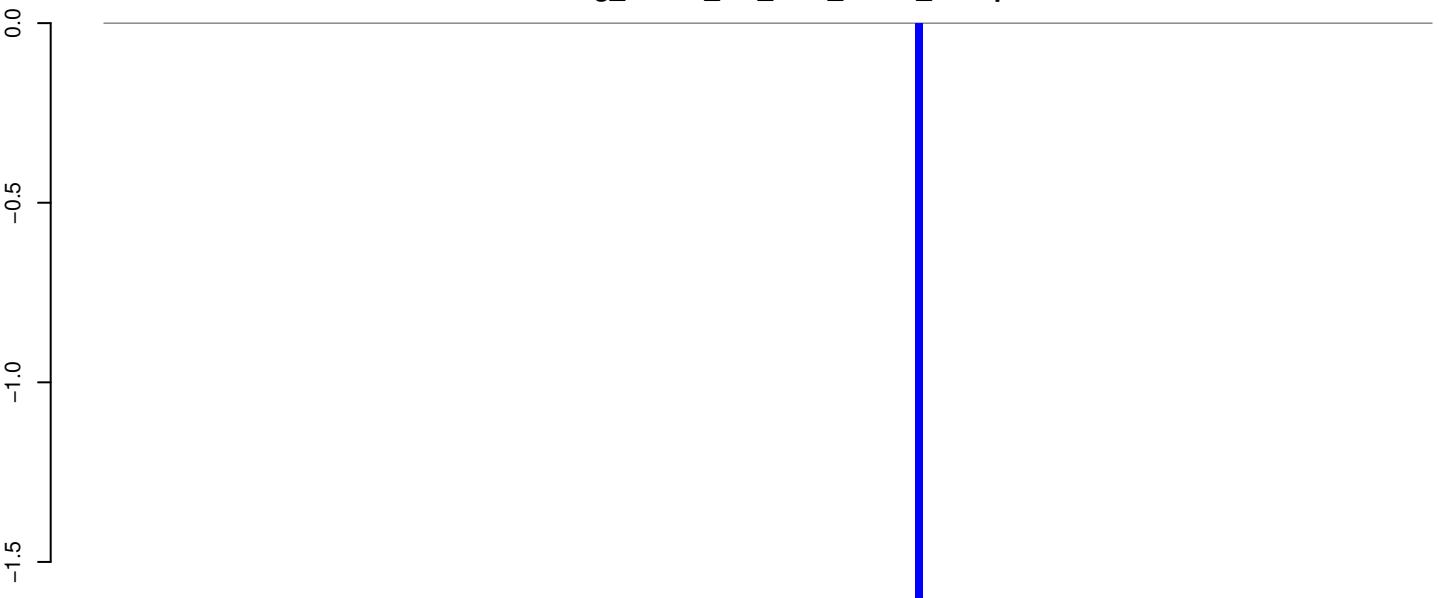


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



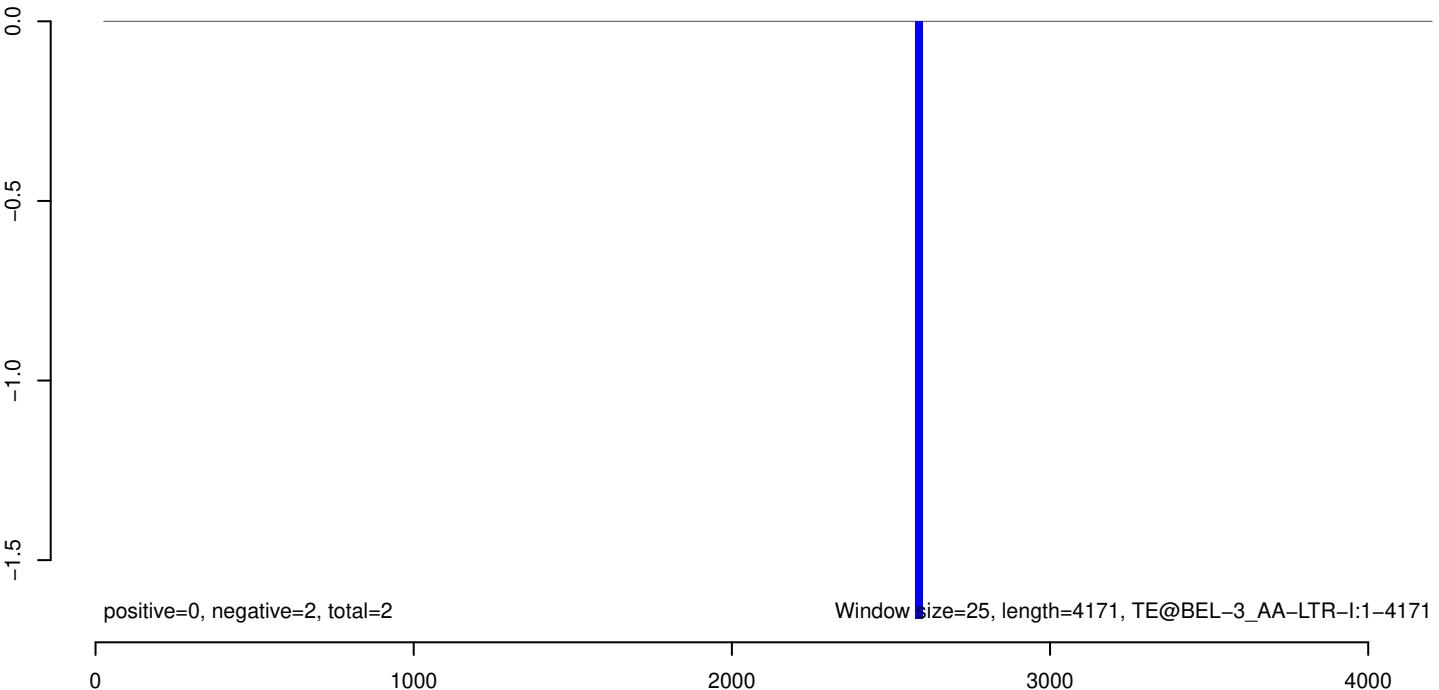
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

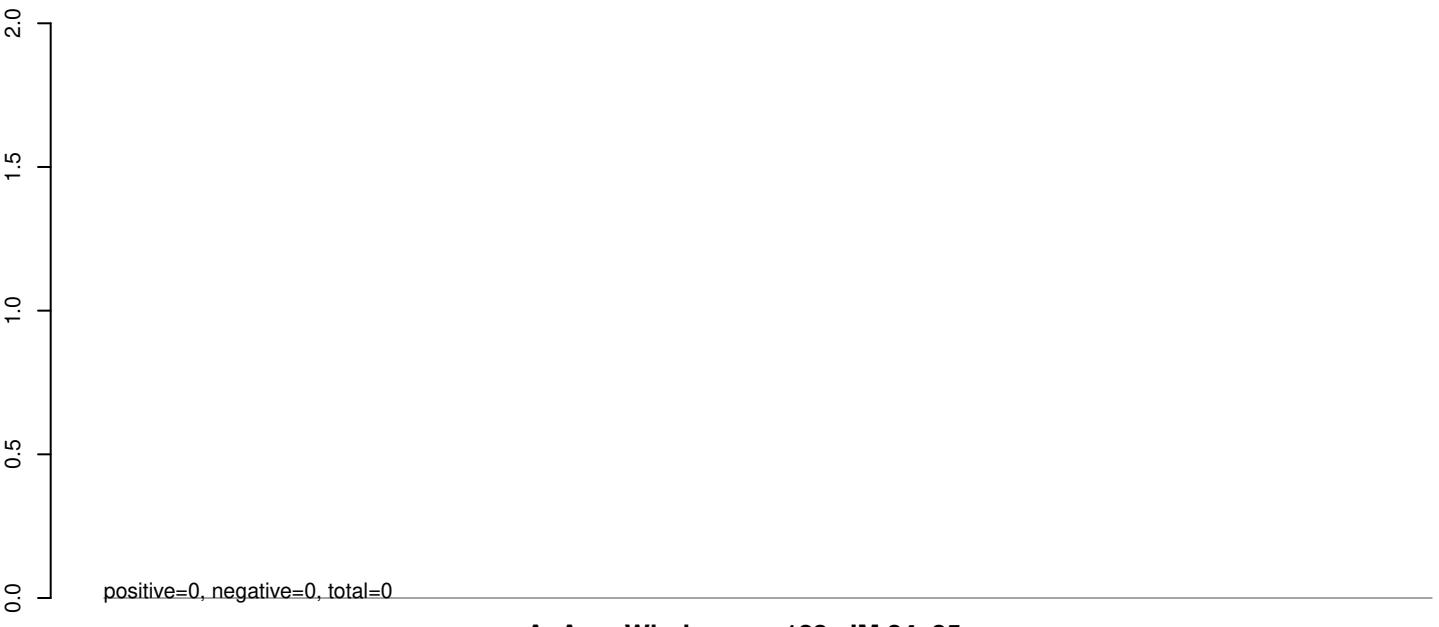


positive=0, negative=2, total=2

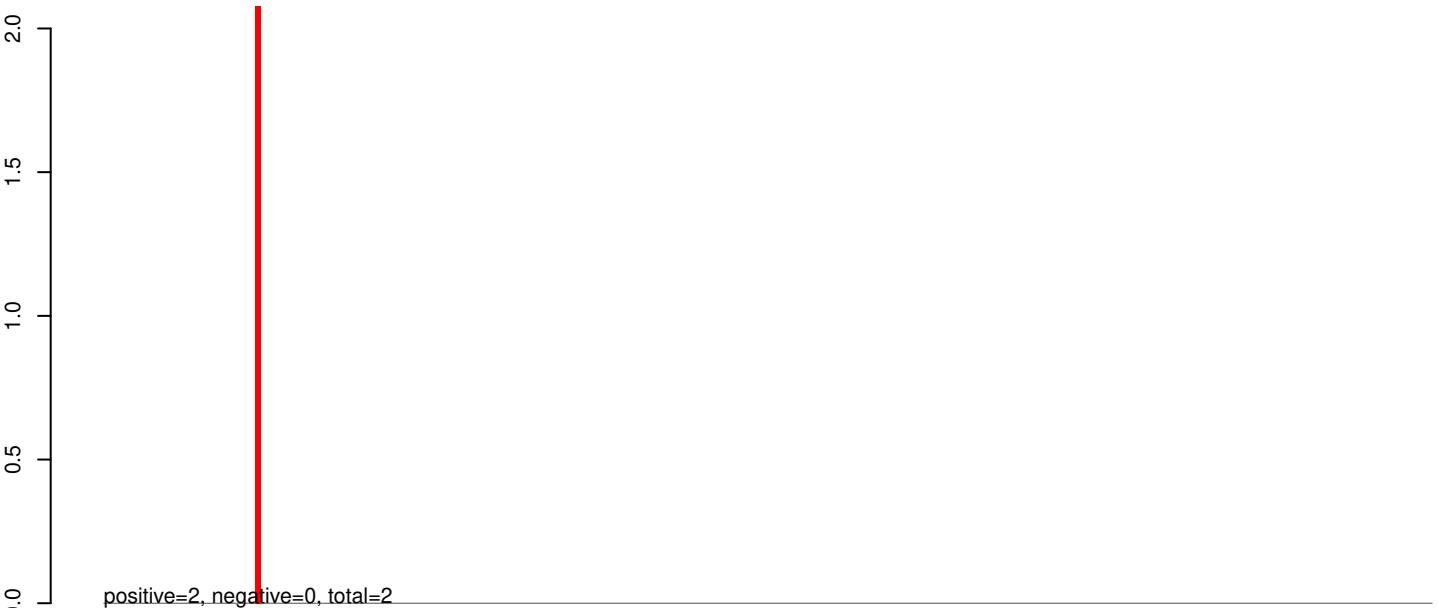
### AeAeg\_Whole\_sm\_r123\_JM.rep



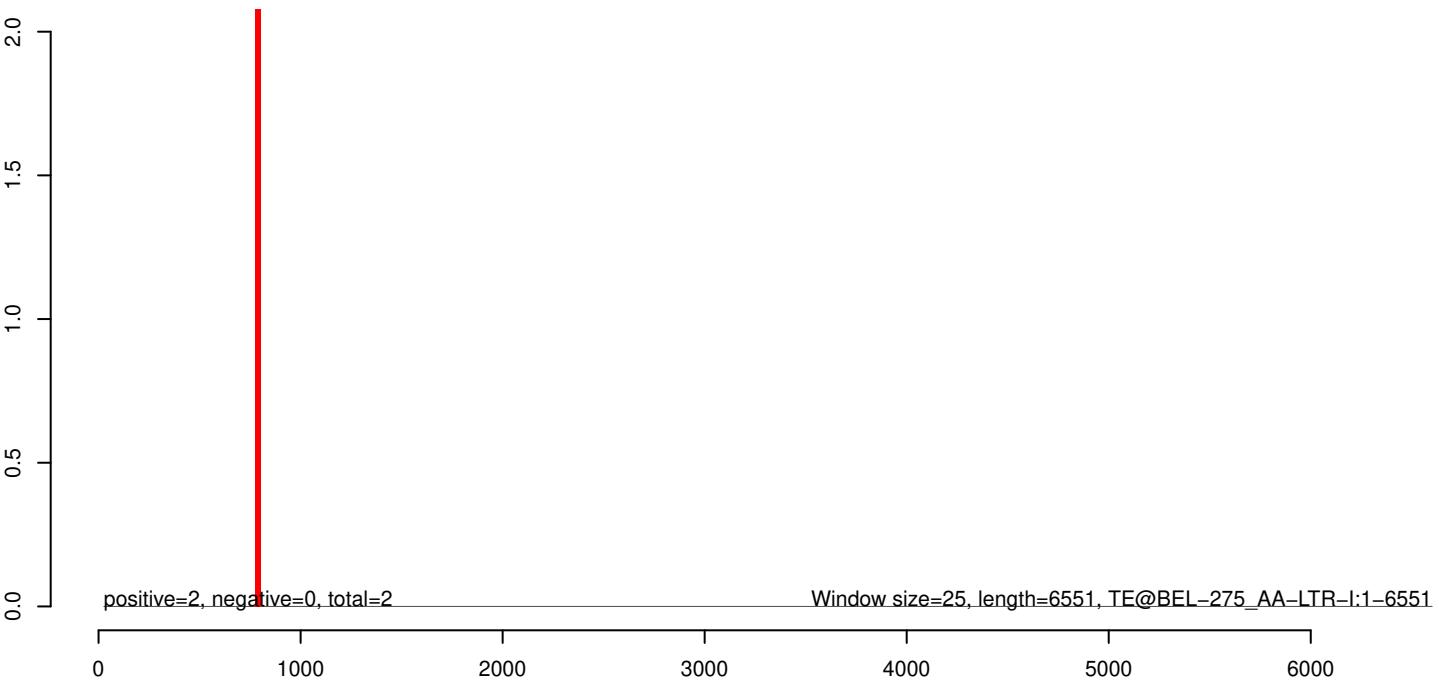
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



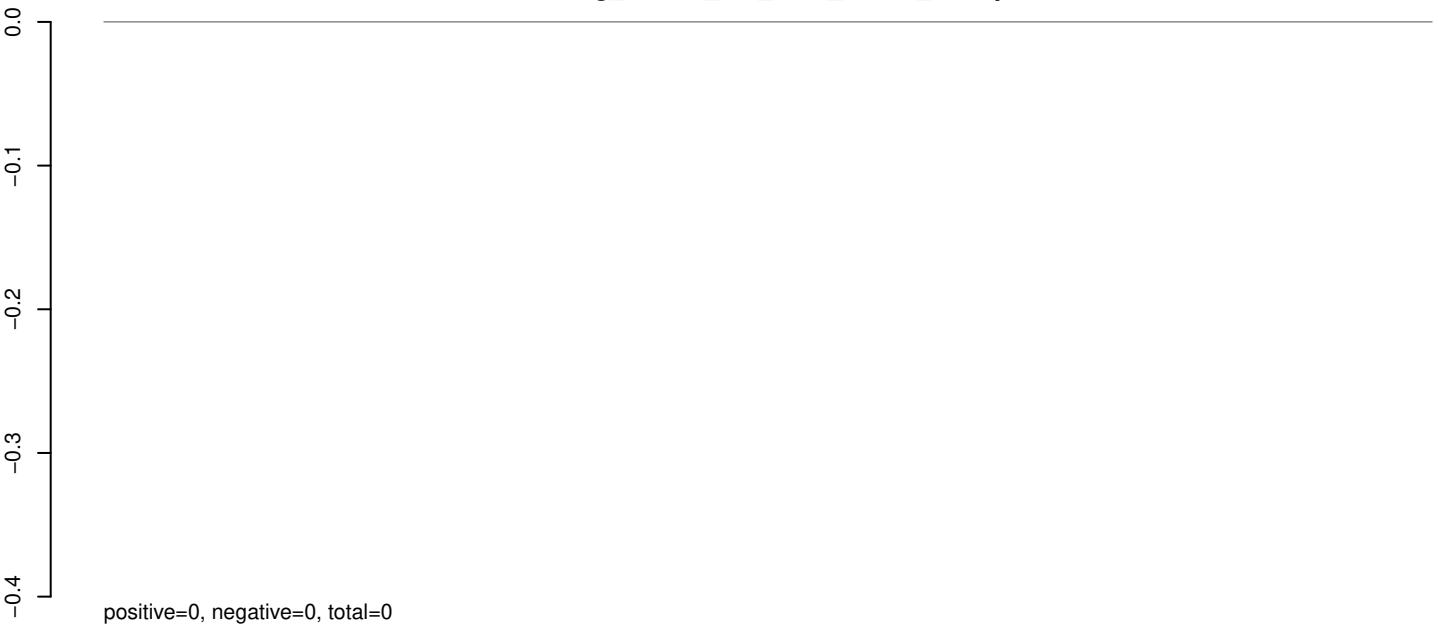
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



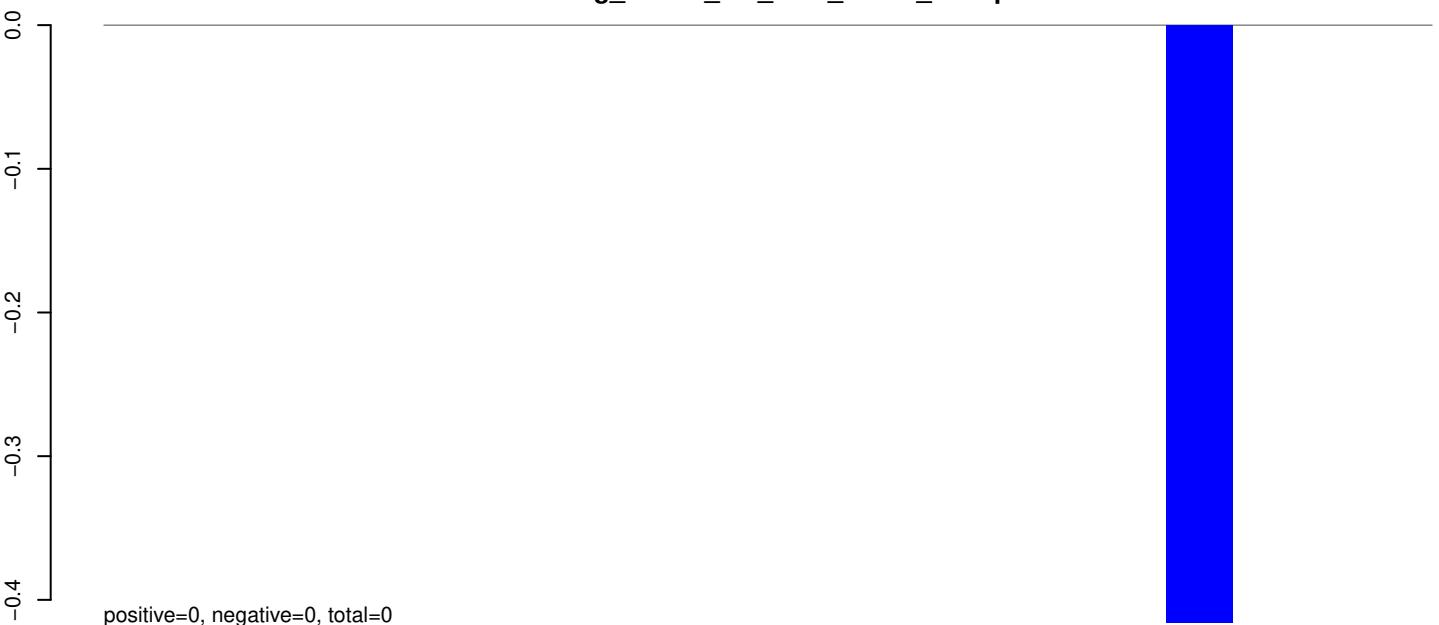
**AeAeg\_Whole\_sm\_r123\_JM.rep**



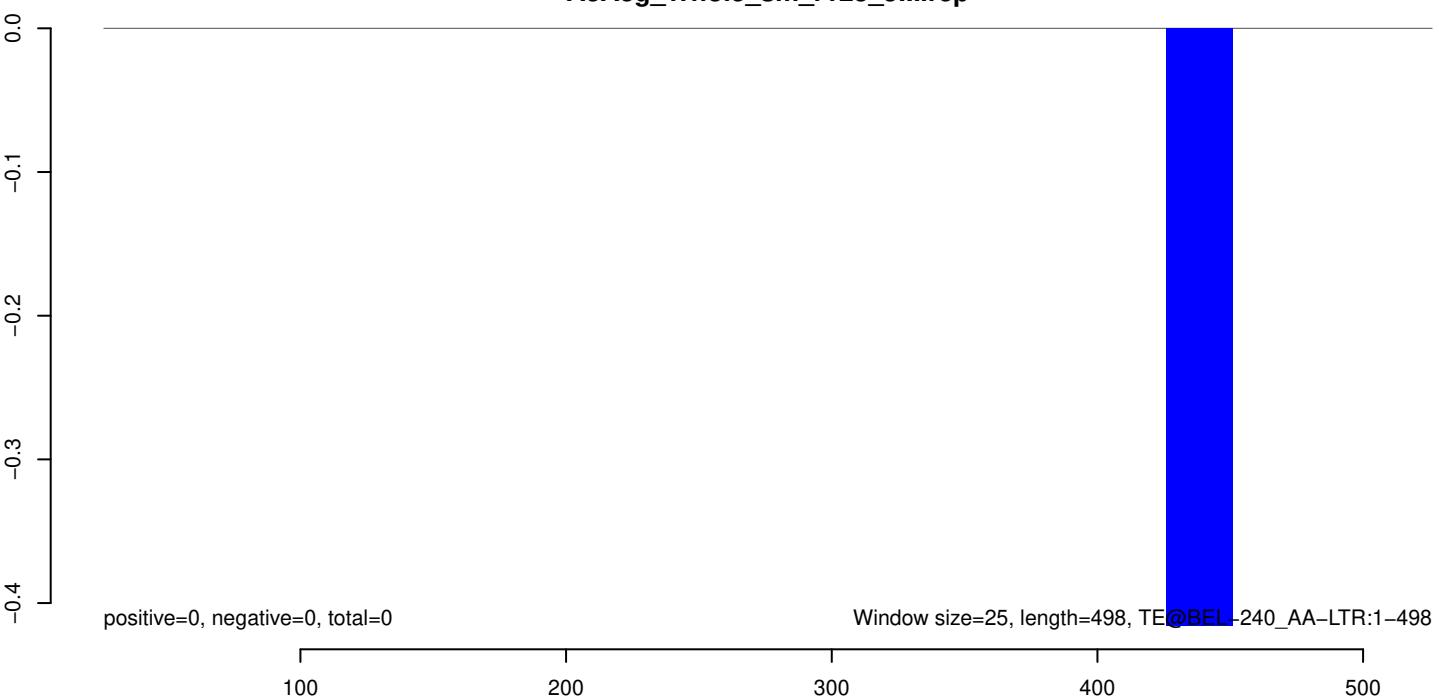
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=1, total=1

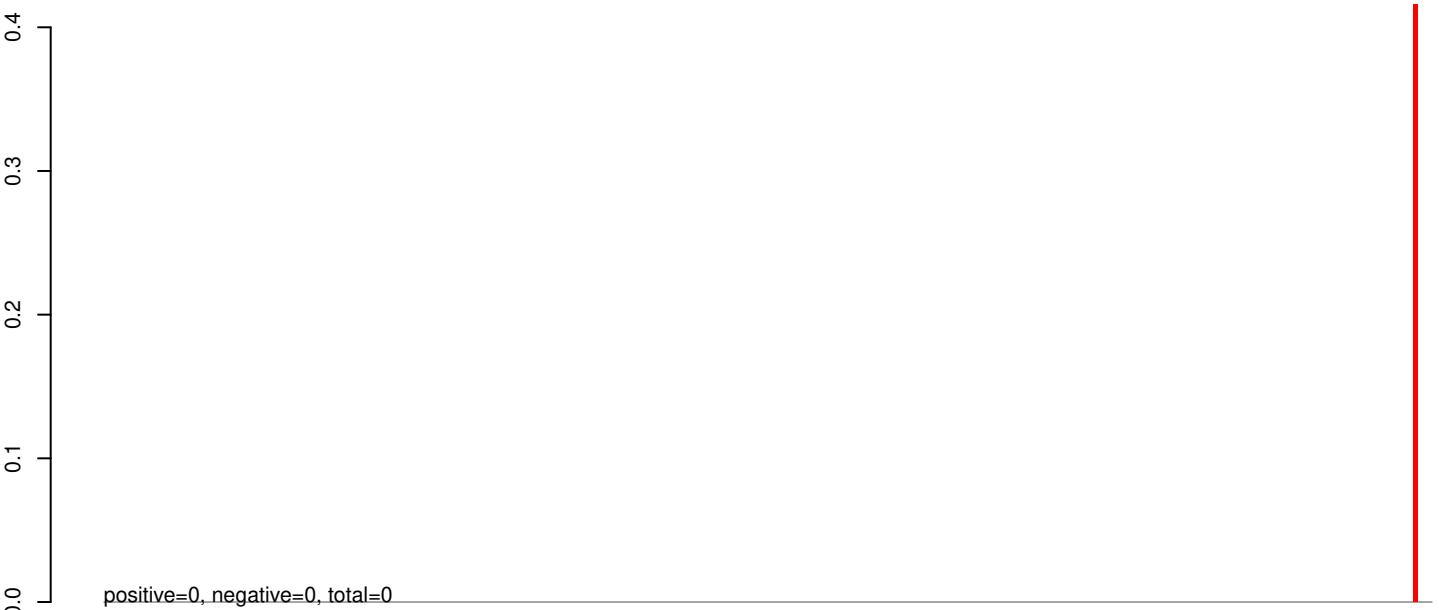
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

Window size=25, length=2927, TE@~~DEL~~-205\_AA-LTR-I:1-2927

0 500 1000 1500 2000 2500 3000

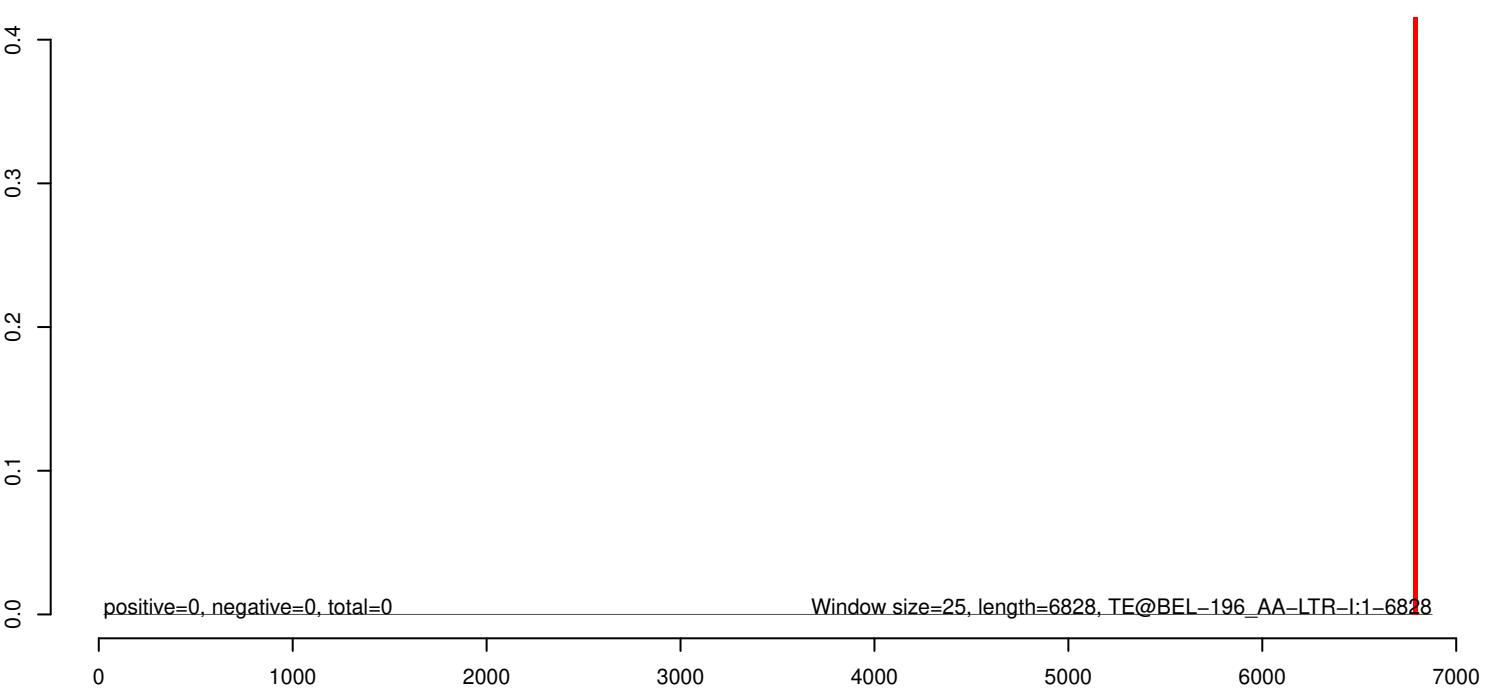
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

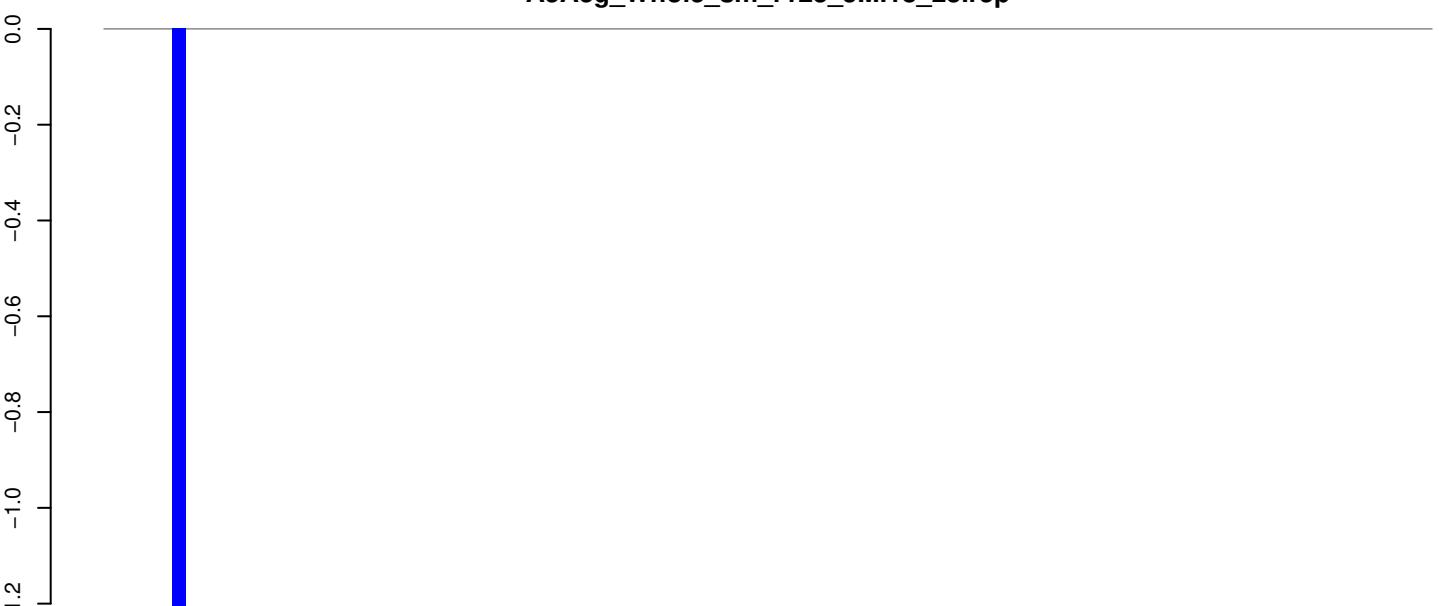


### AeAeg\_Whole\_sm\_r123\_JM.rep



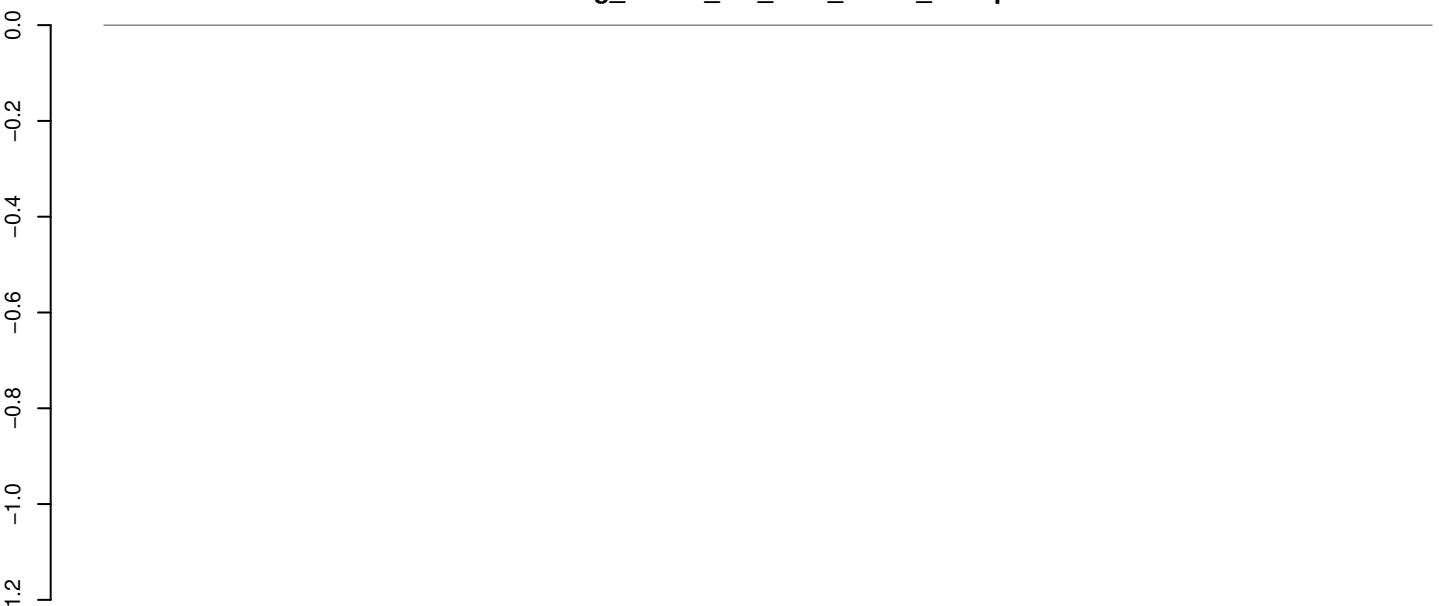
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

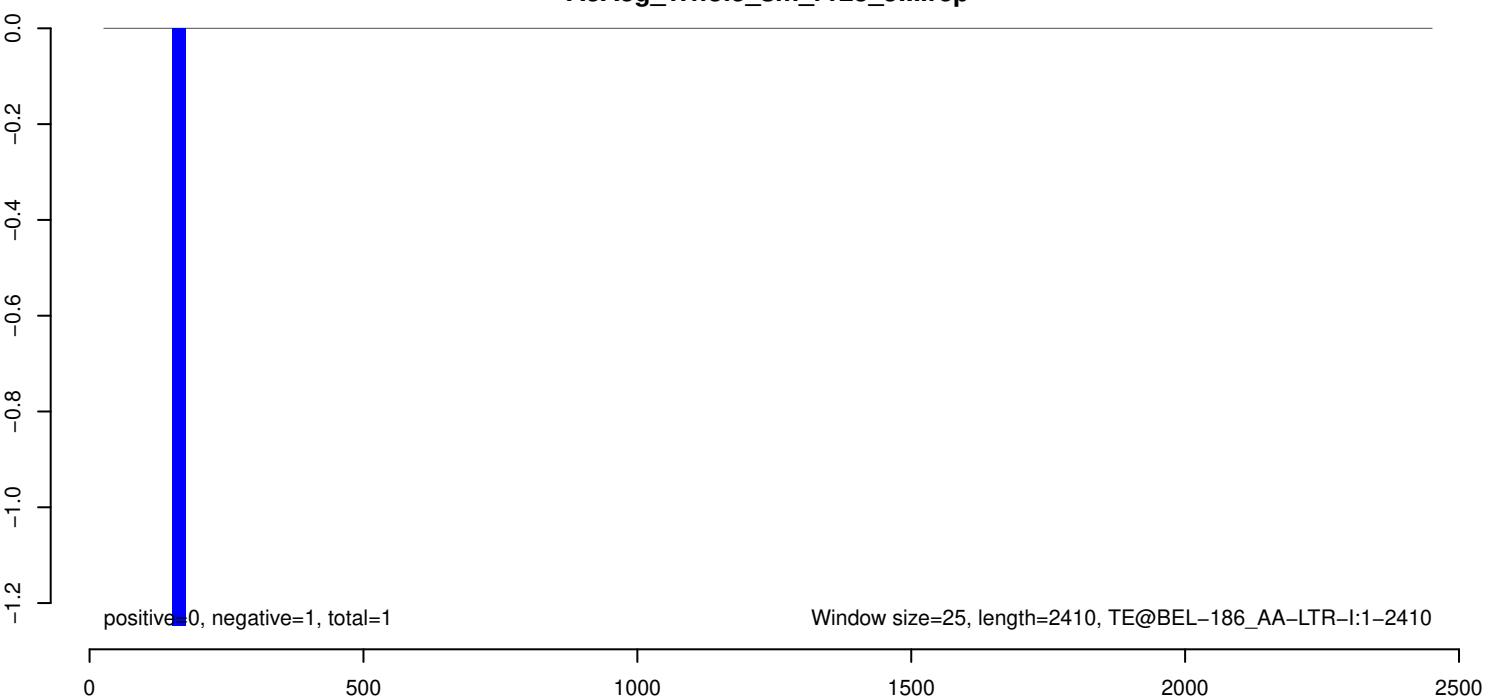
positive=0, negative=0, total=0



### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

Window size=25, length=2410, TE@BEL-186\_AA-LTR-I:1-2410



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=1, total=1

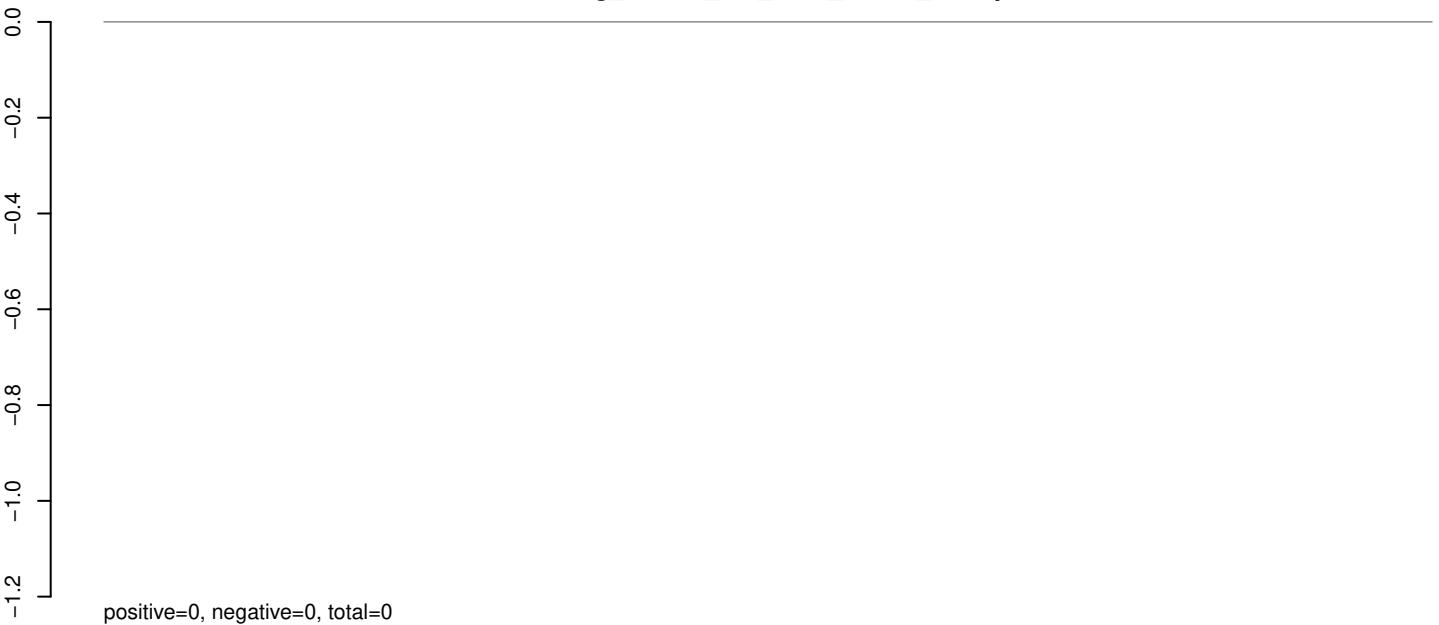
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=1, total=1

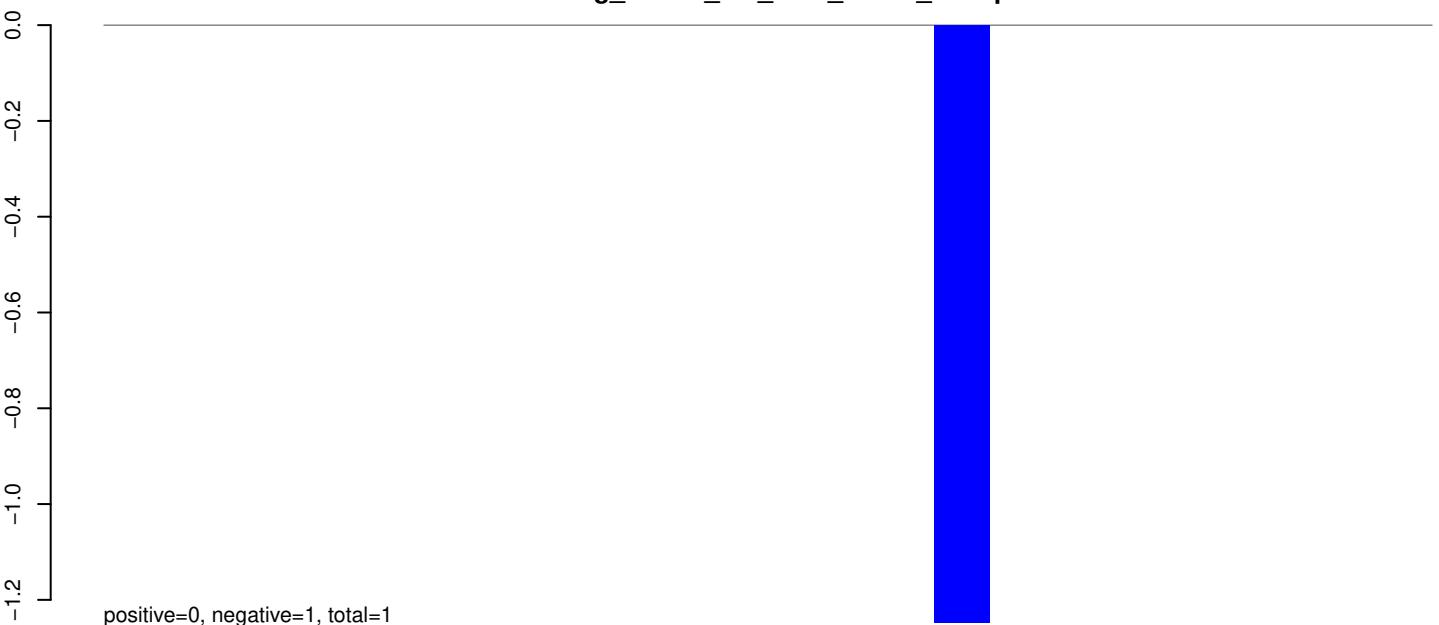
Window size=25, length=6519, TE@BEL-162\_AA-LTR-I:1-6519

0 1000 2000 3000 4000 5000 6000

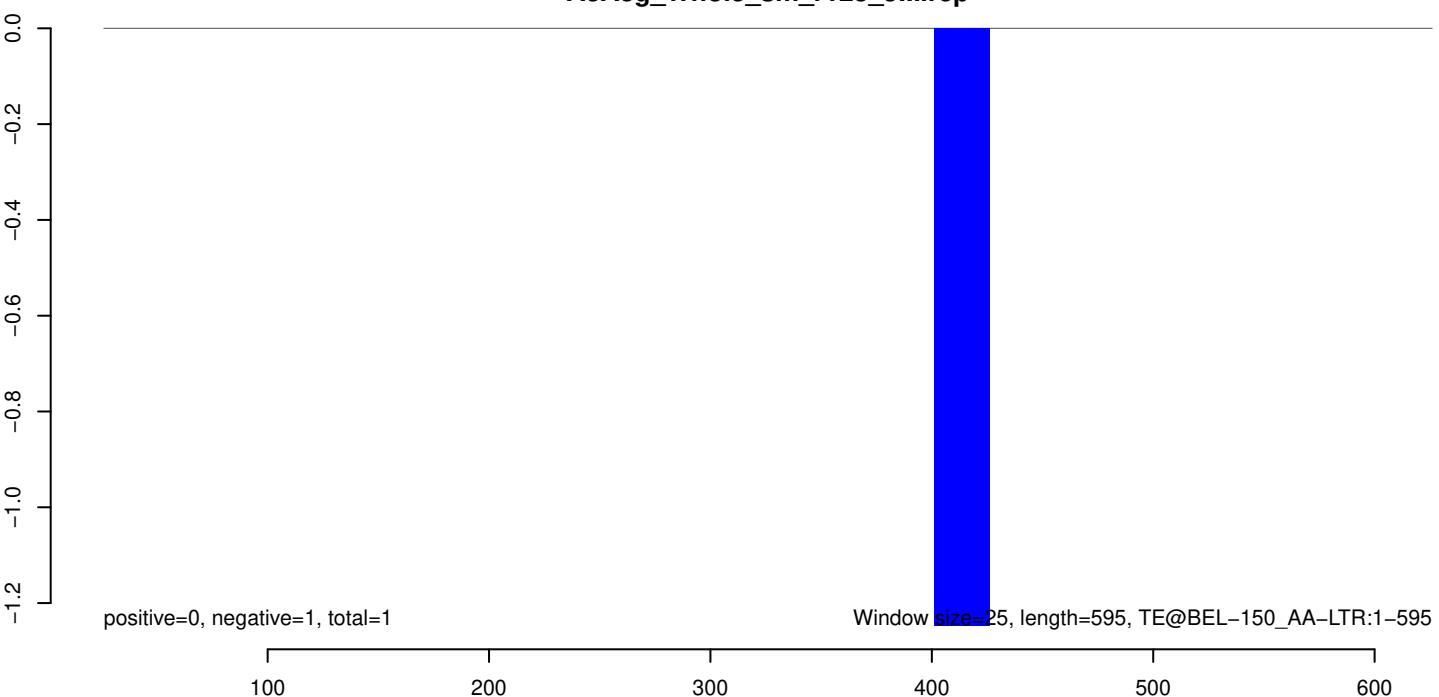
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



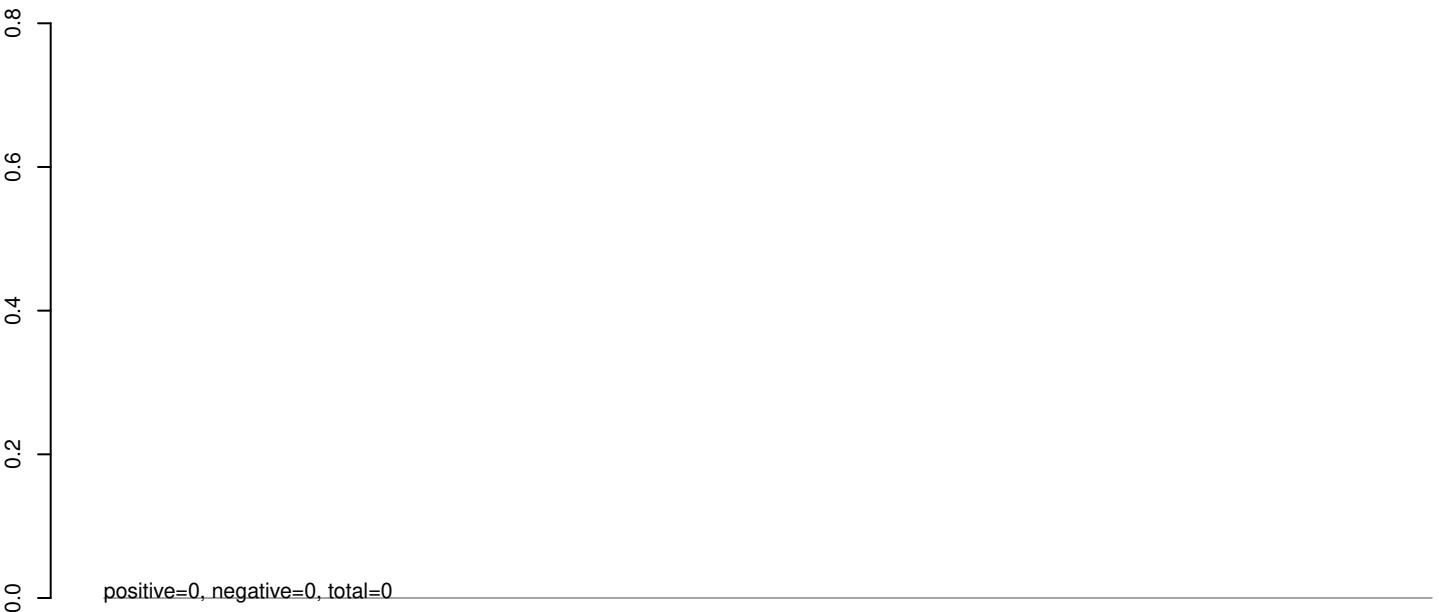
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



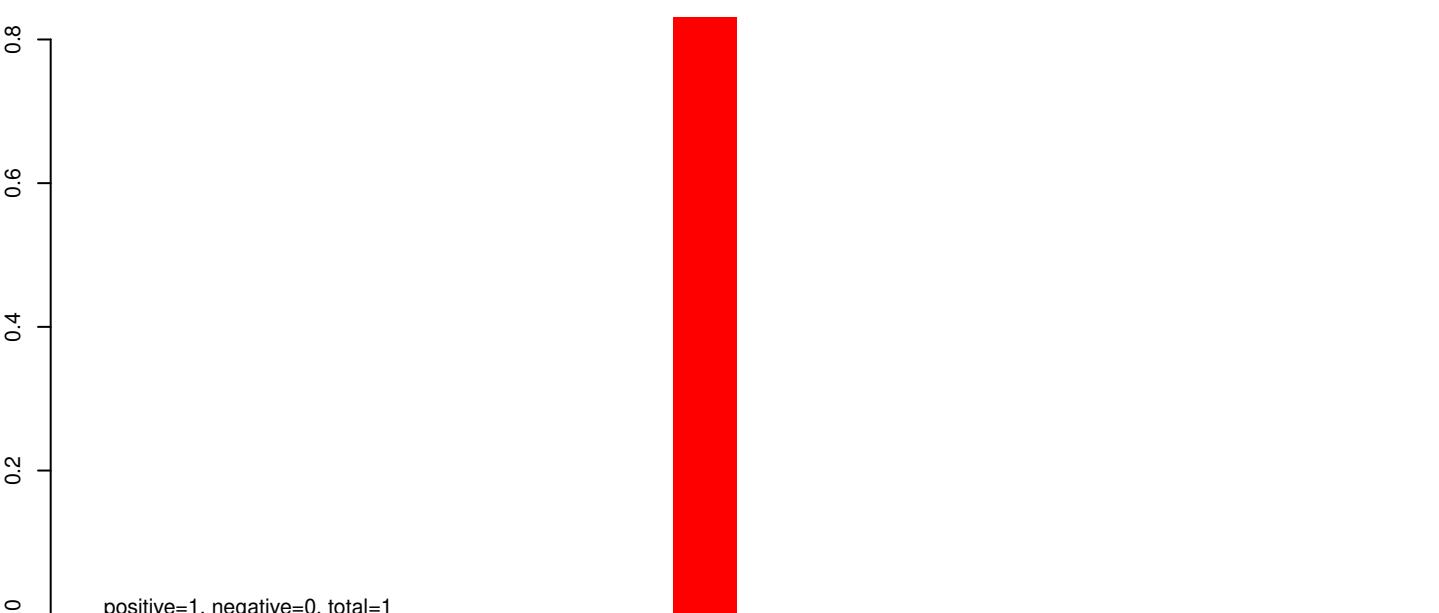
### AeAeg\_Whole\_sm\_r123\_JM.rep



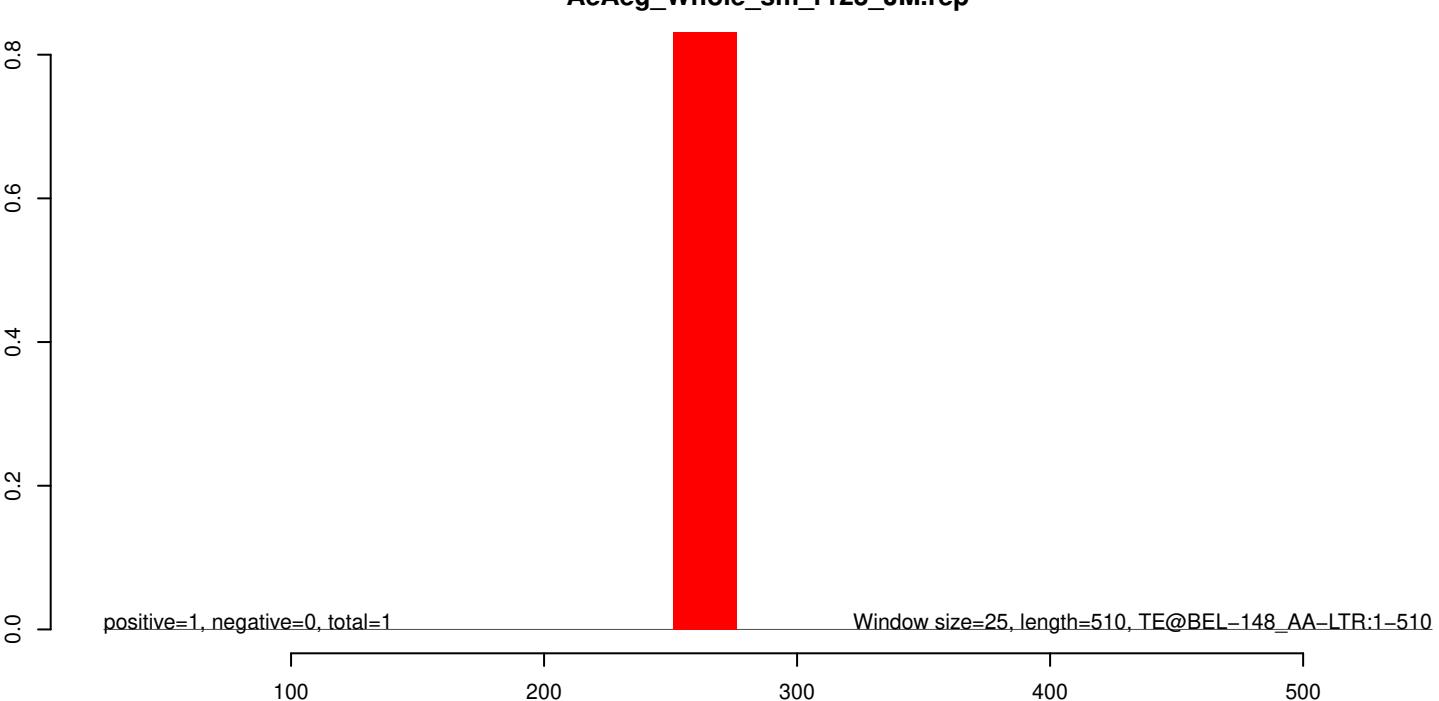
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



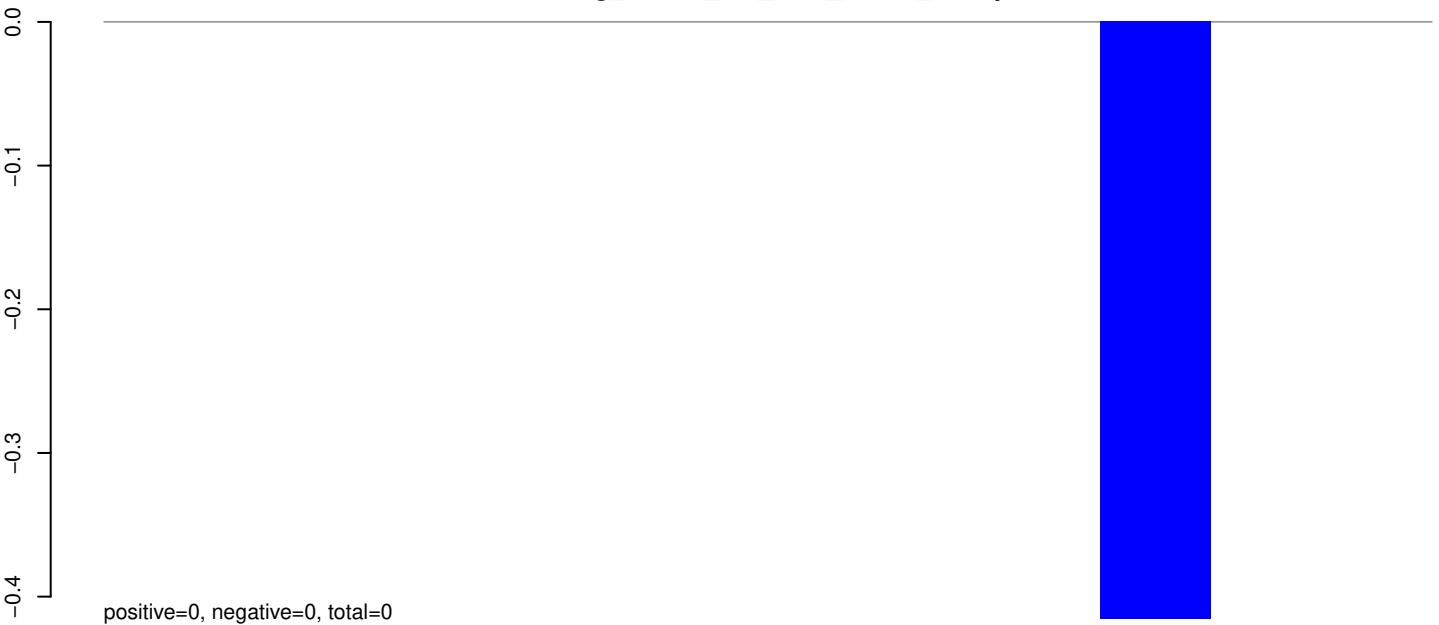
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



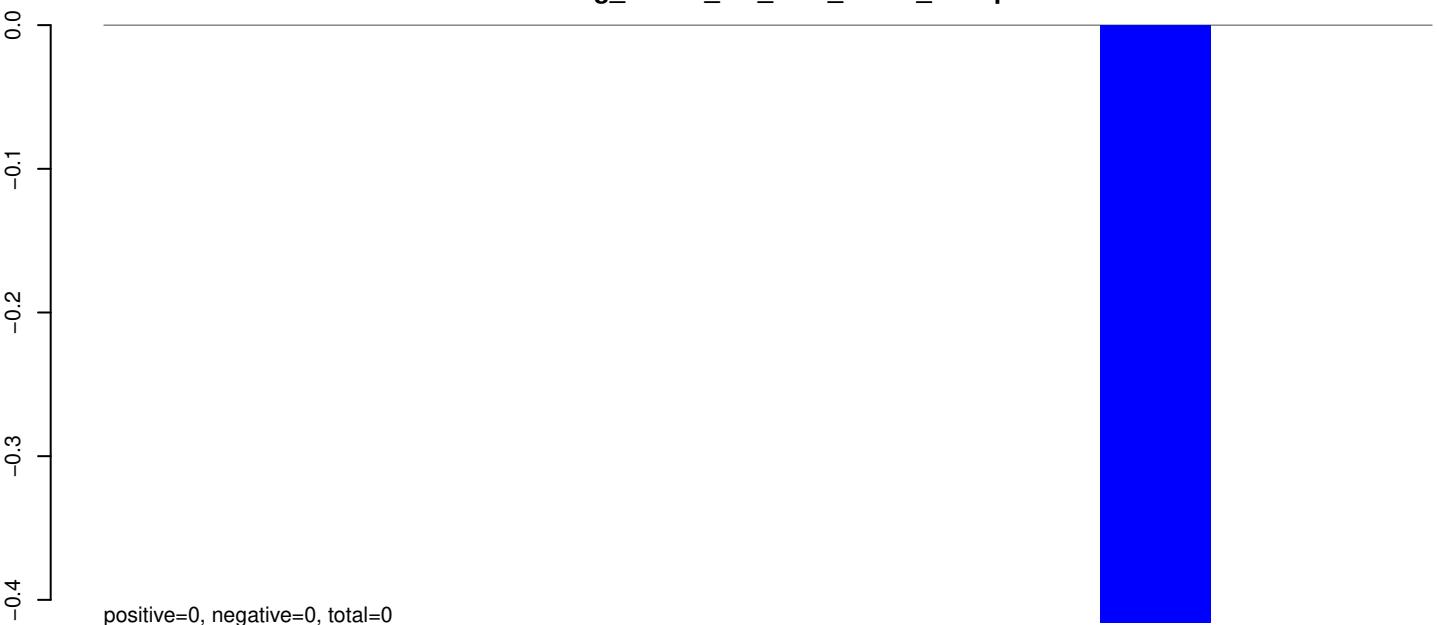
**AeAeg\_Whole\_sm\_r123\_JM.rep**



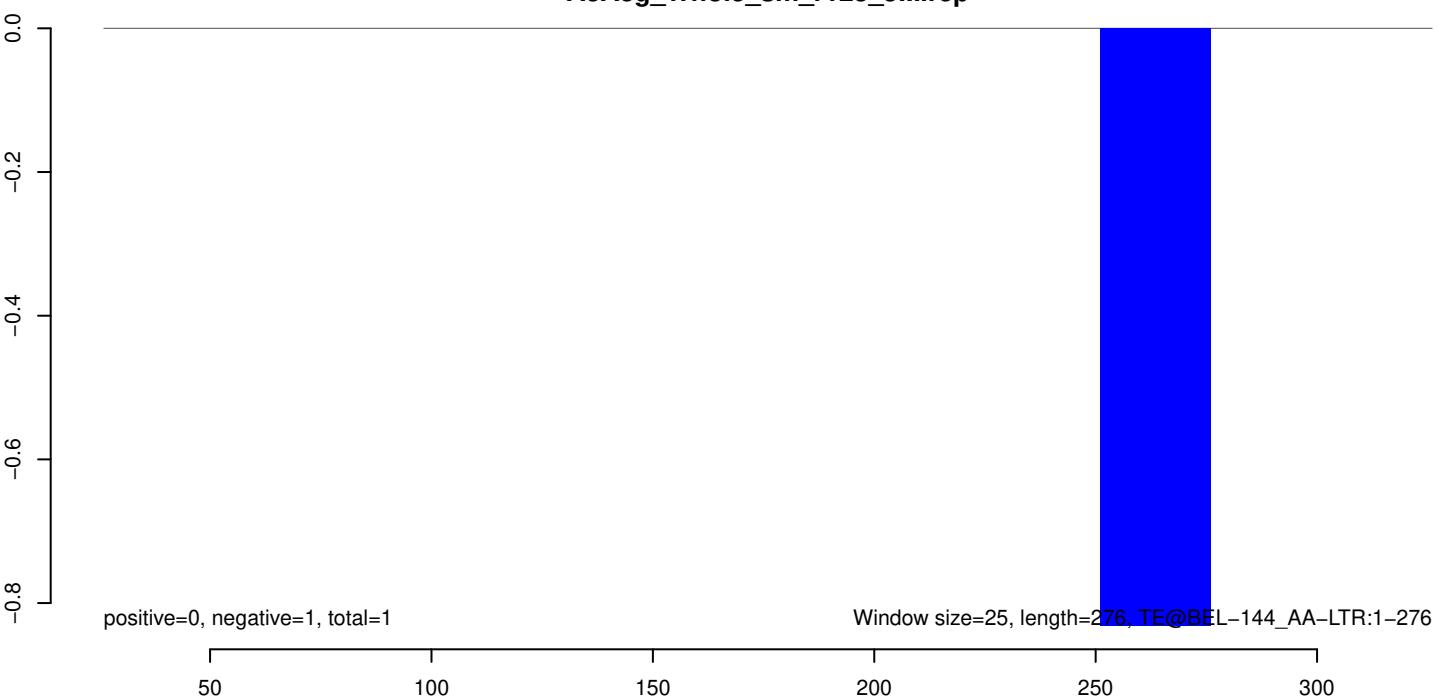
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



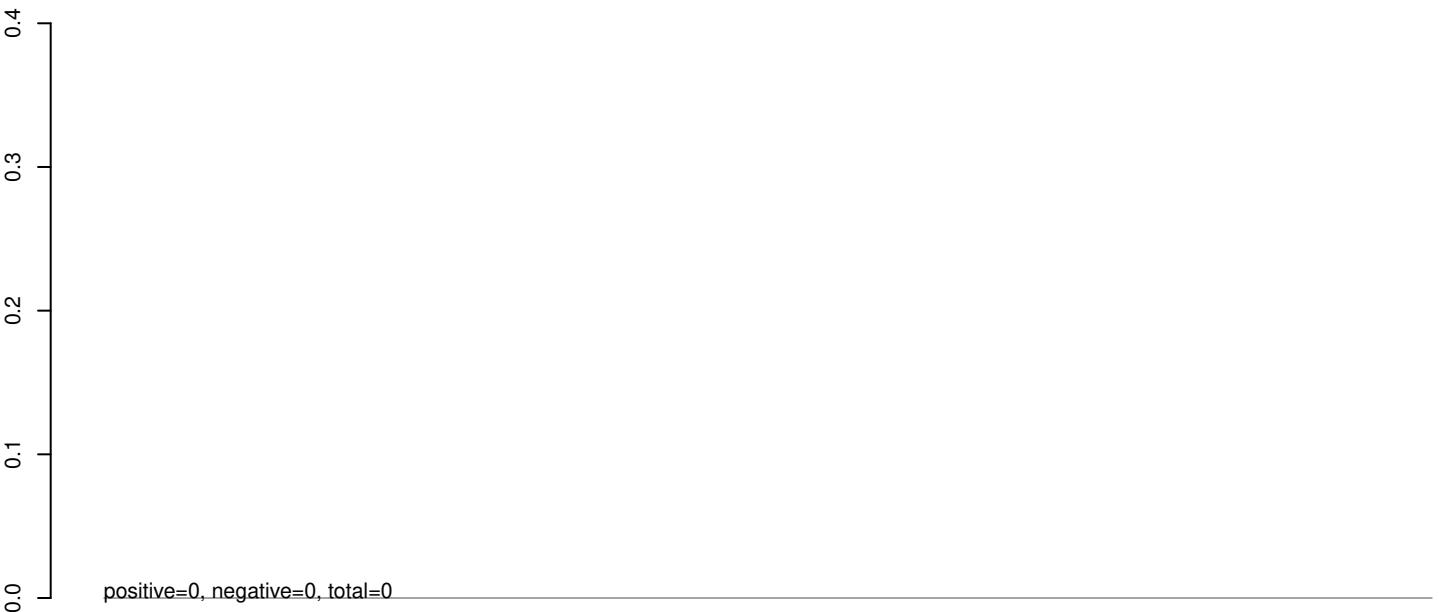
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



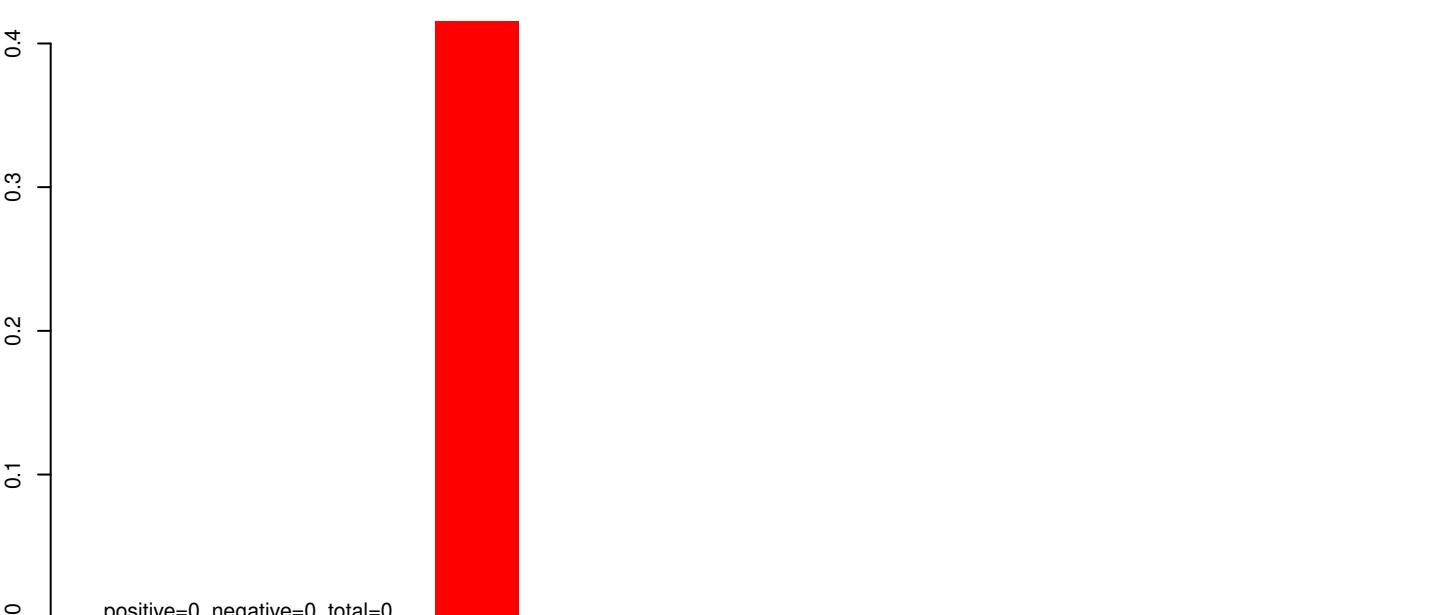
### AeAeg\_Whole\_sm\_r123\_JM.rep



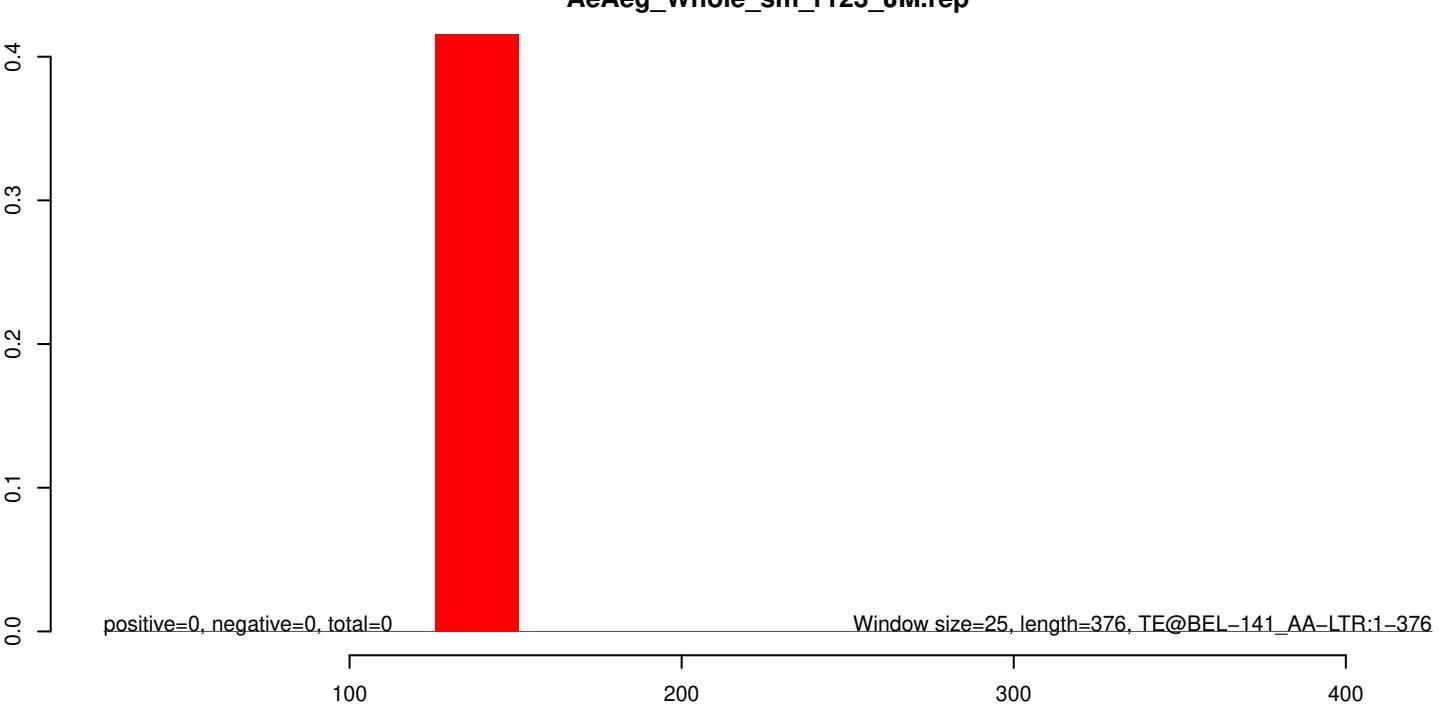
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



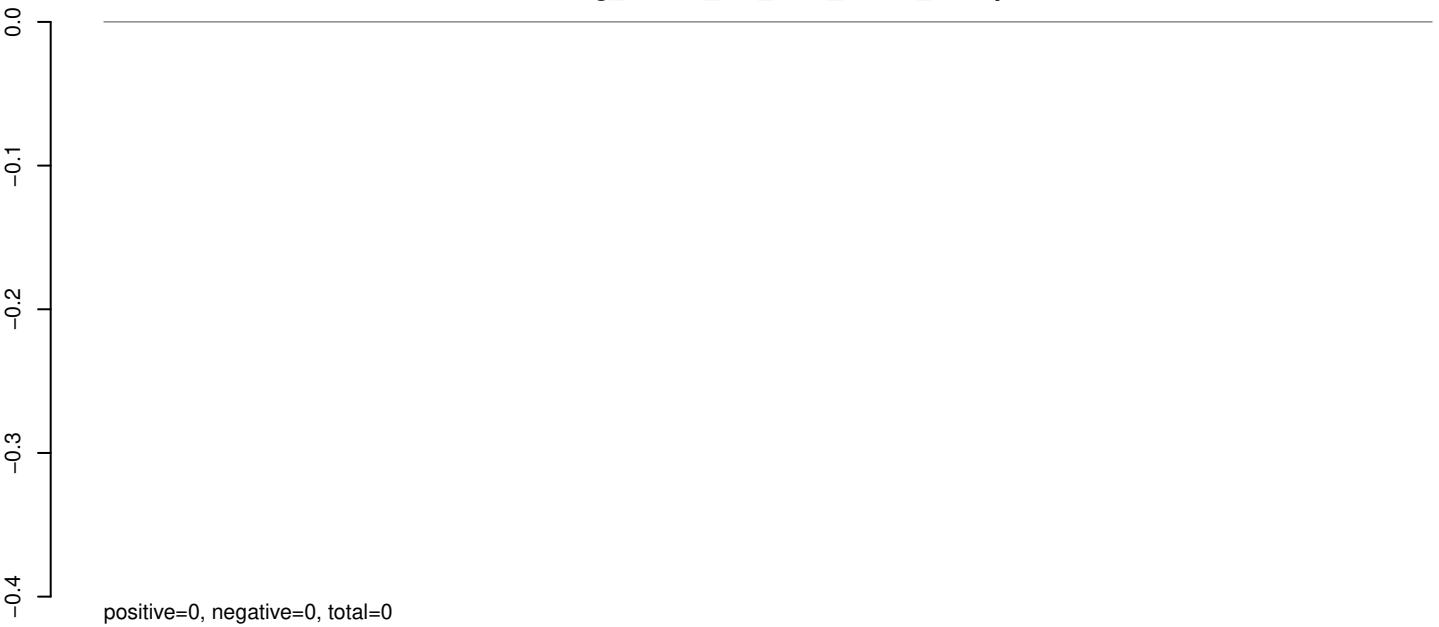
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



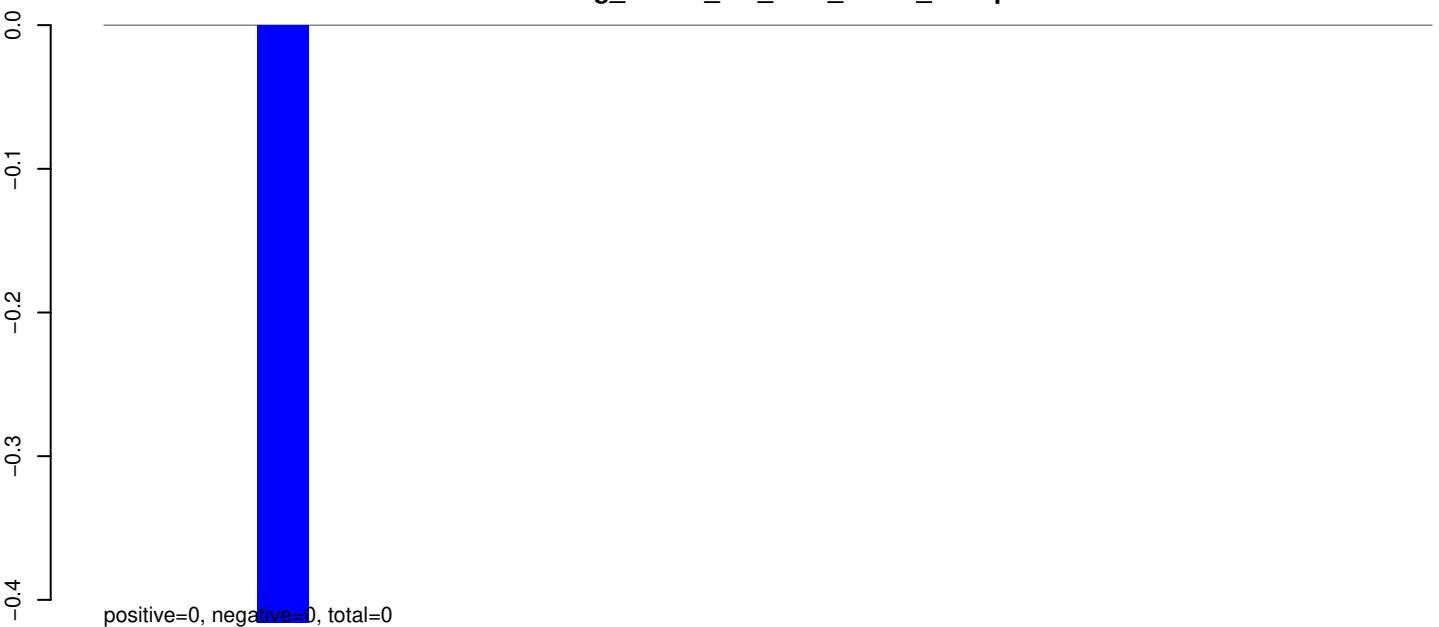
**AeAeg\_Whole\_sm\_r123\_JM.rep**



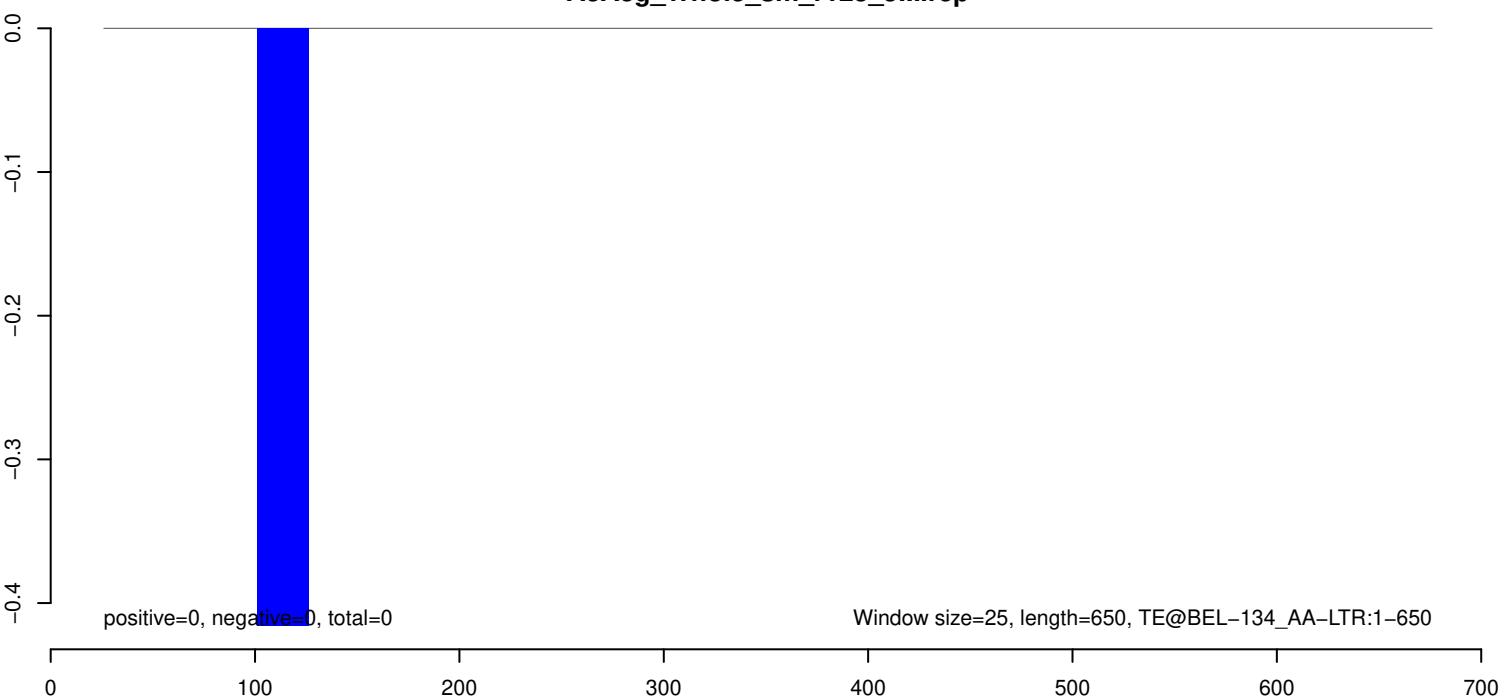
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



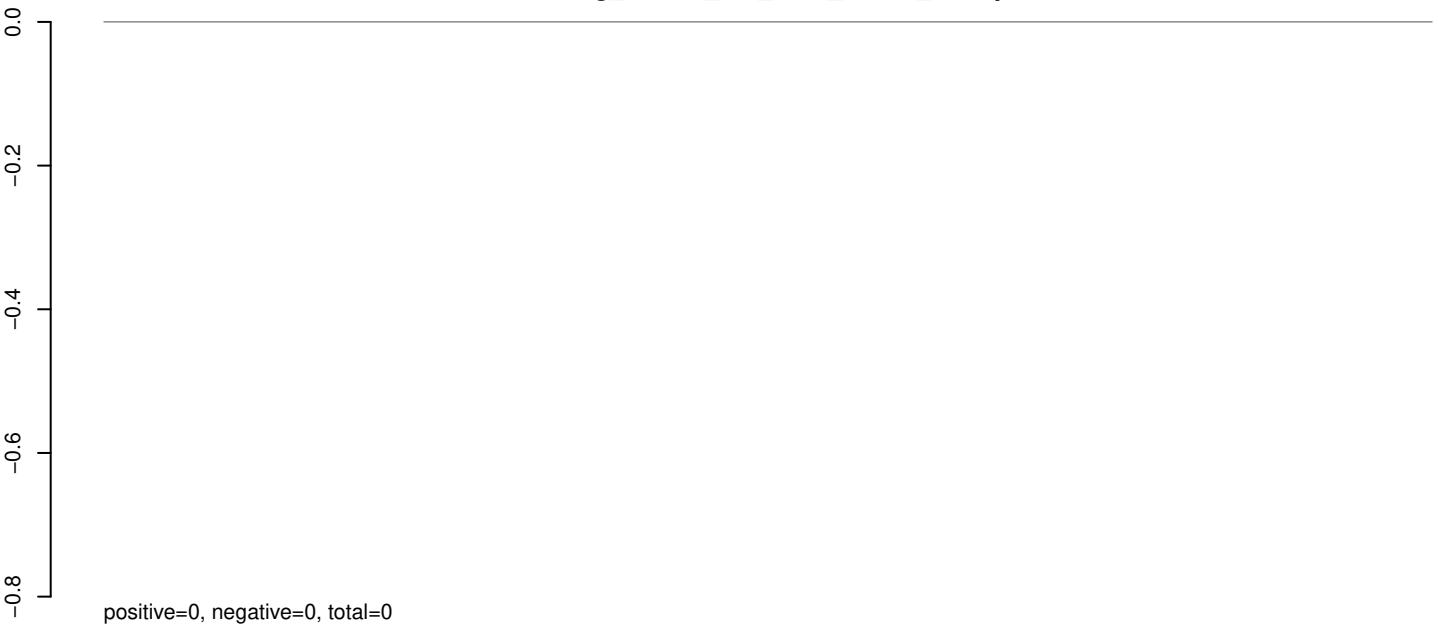
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



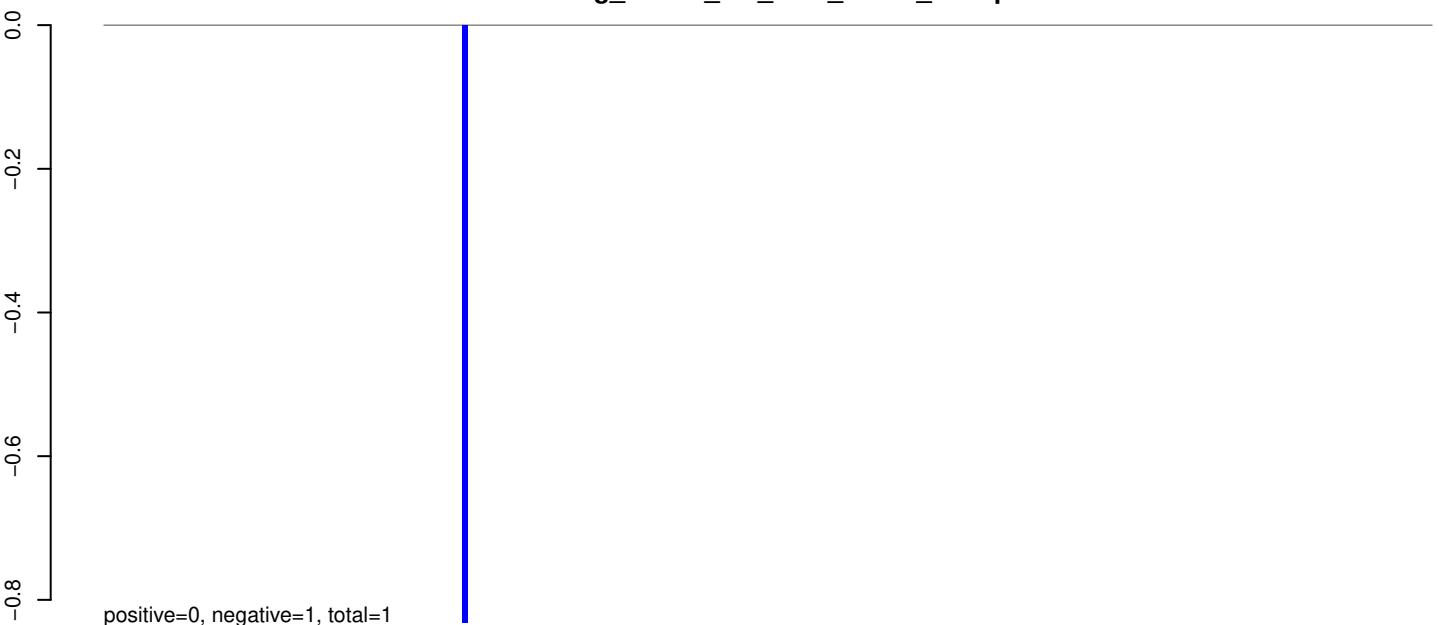
### AeAeg\_Whole\_sm\_r123\_JM.rep



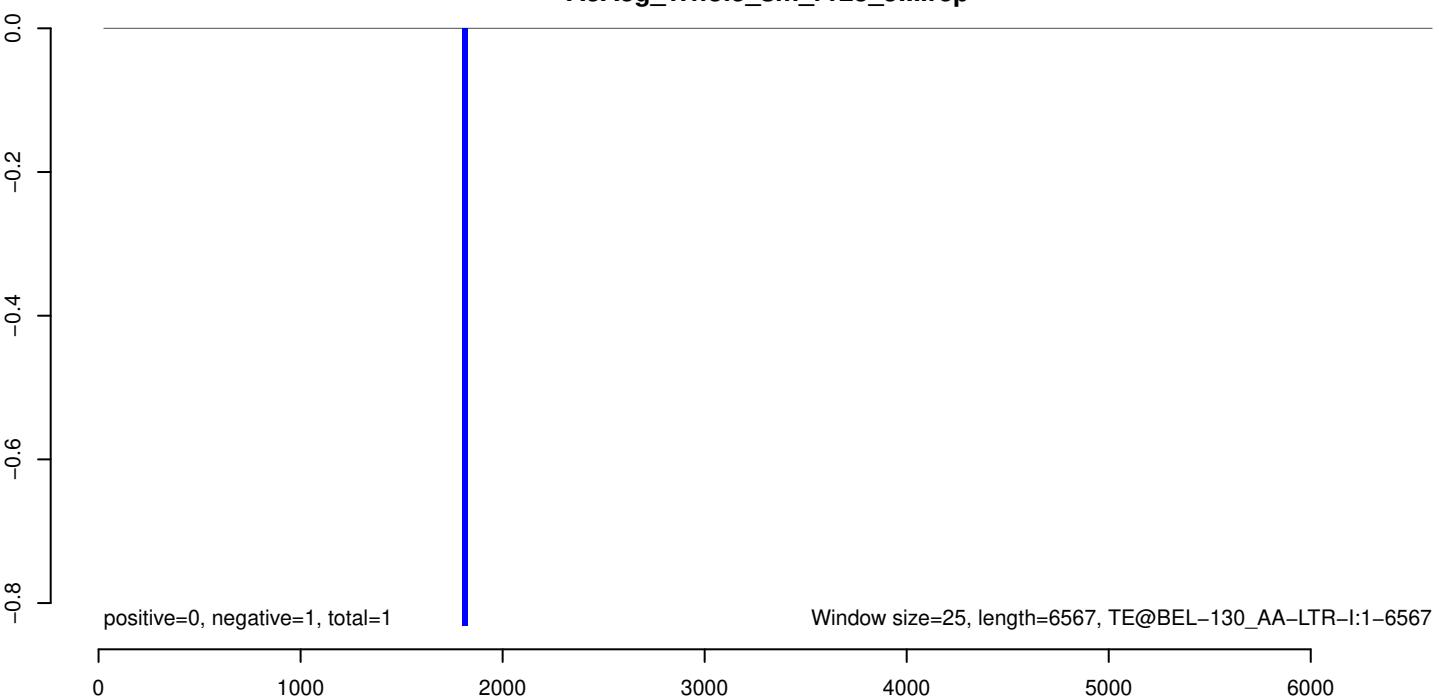
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



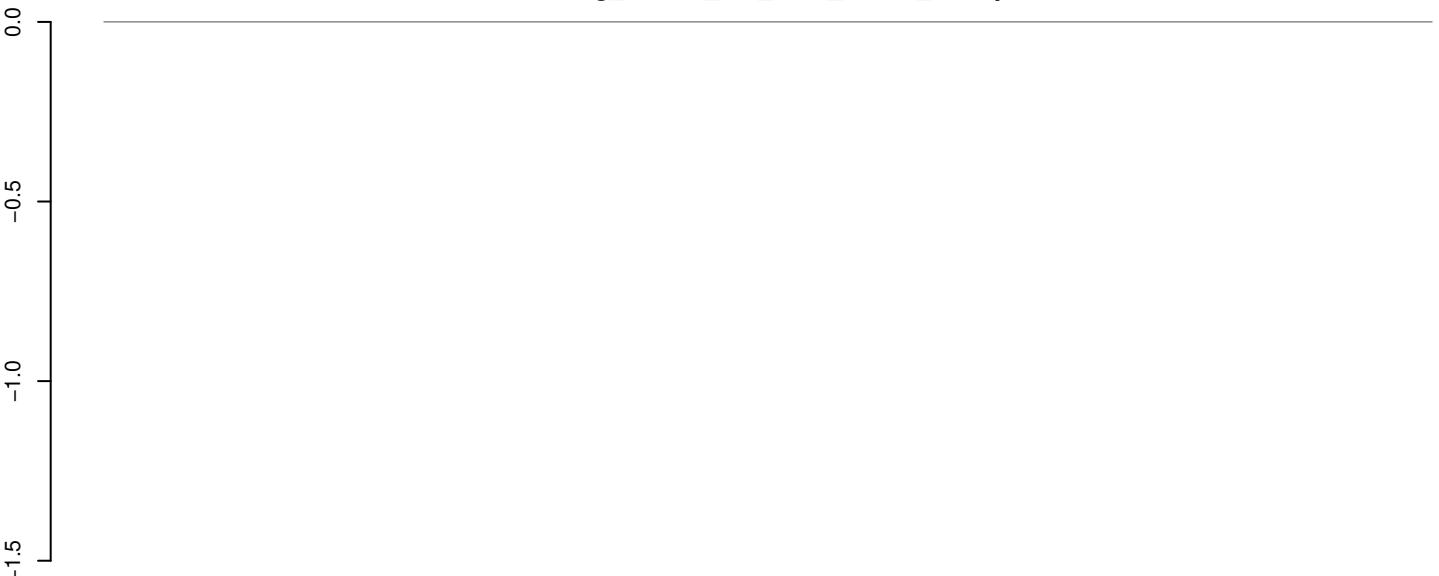
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

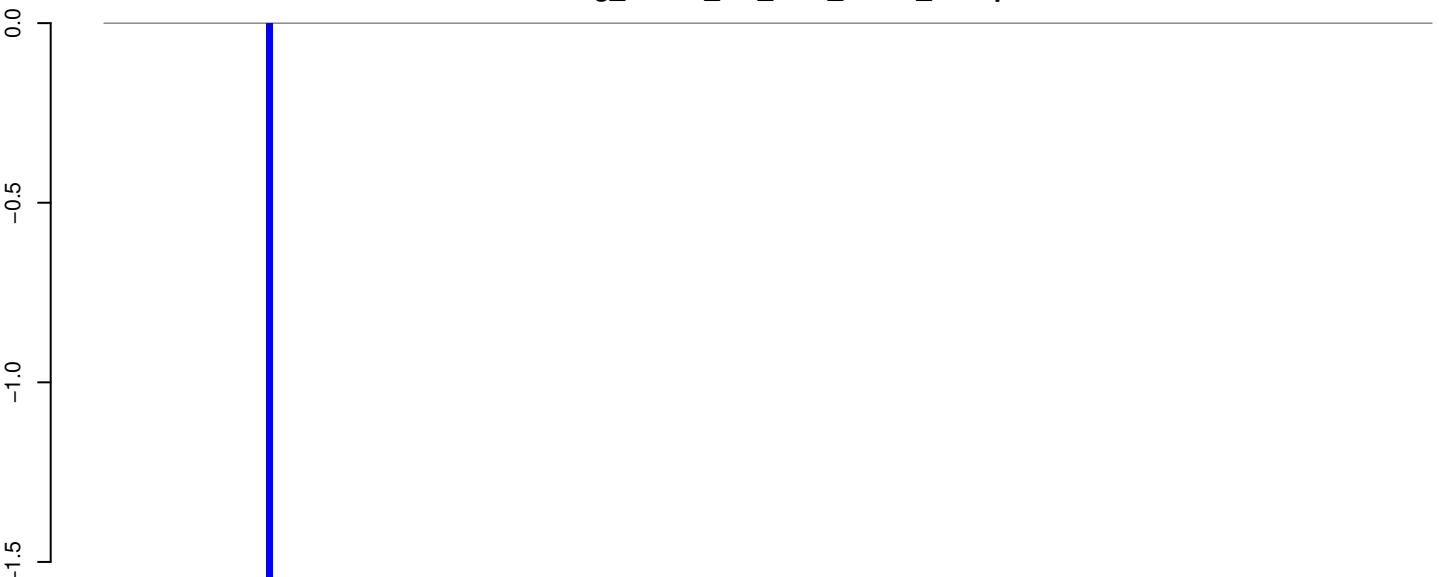


### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



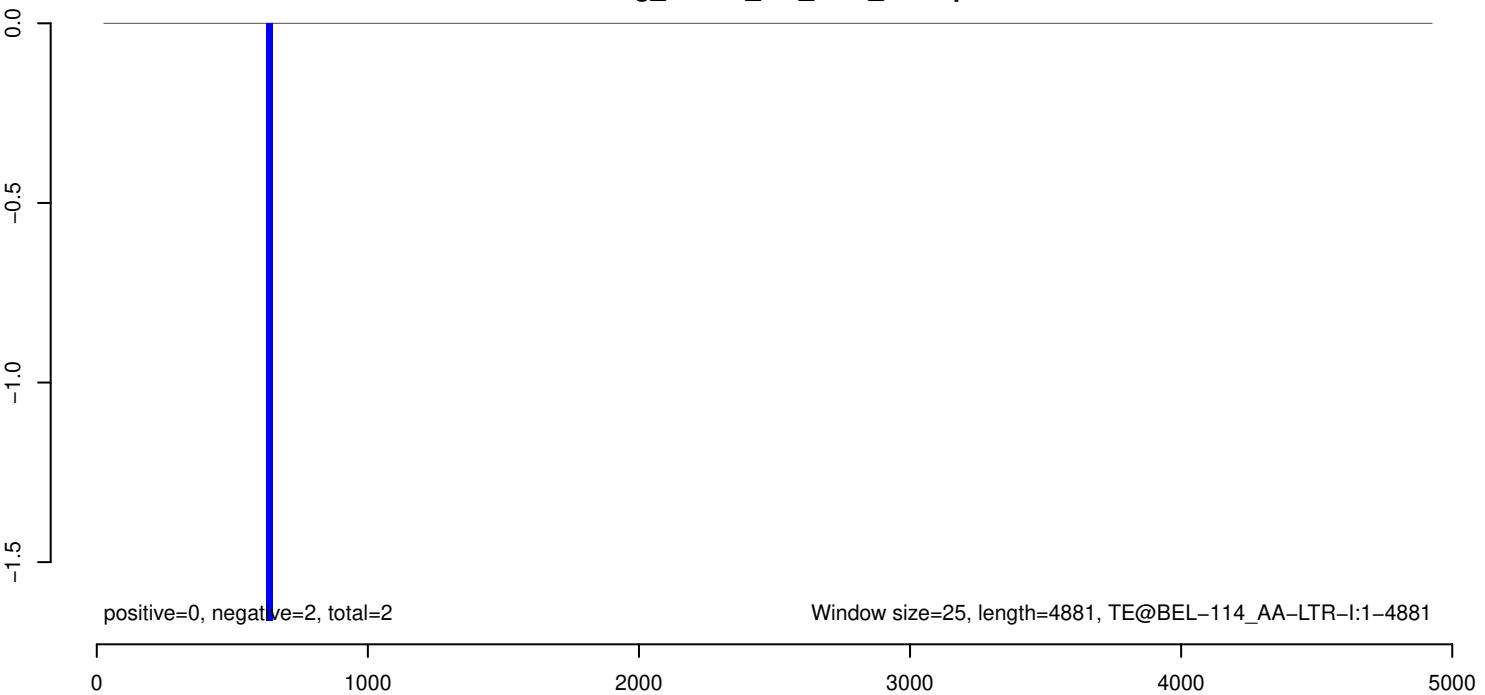
positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



positive=0, negative=2, total=2

### AeAeg\_Whole\_sm\_r123\_JM.rep

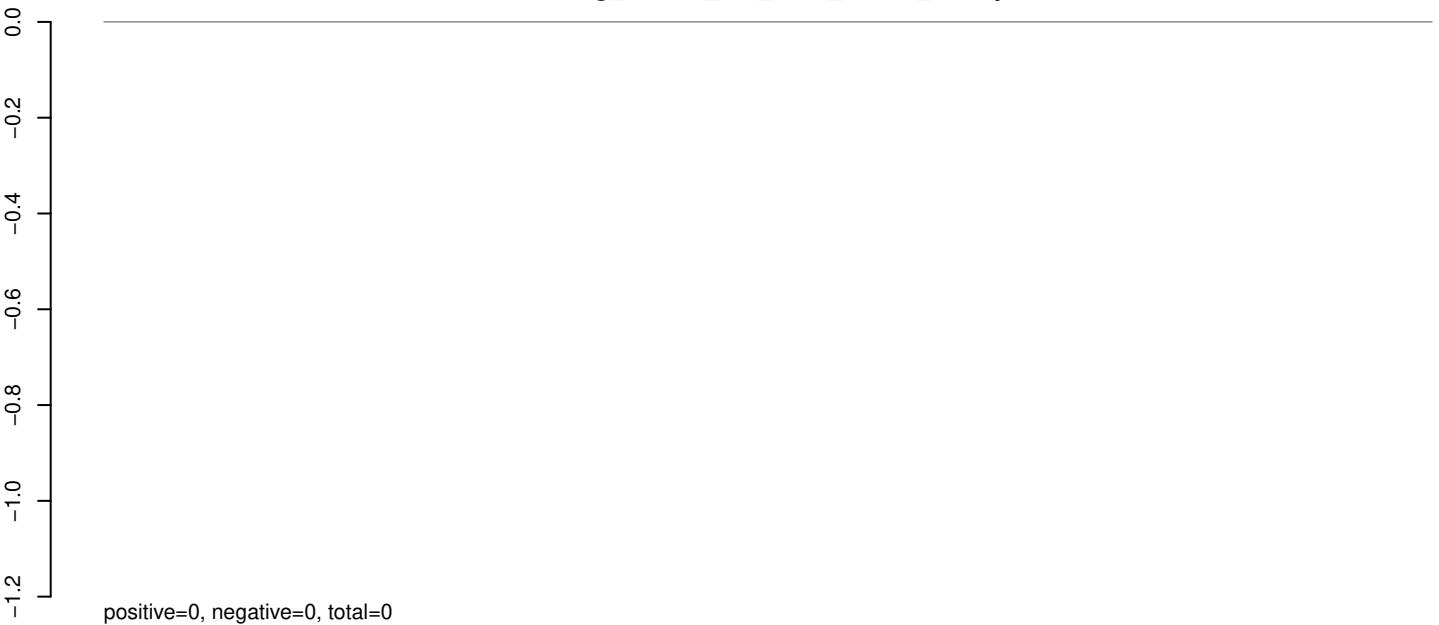


positive=0, negative=2, total=2

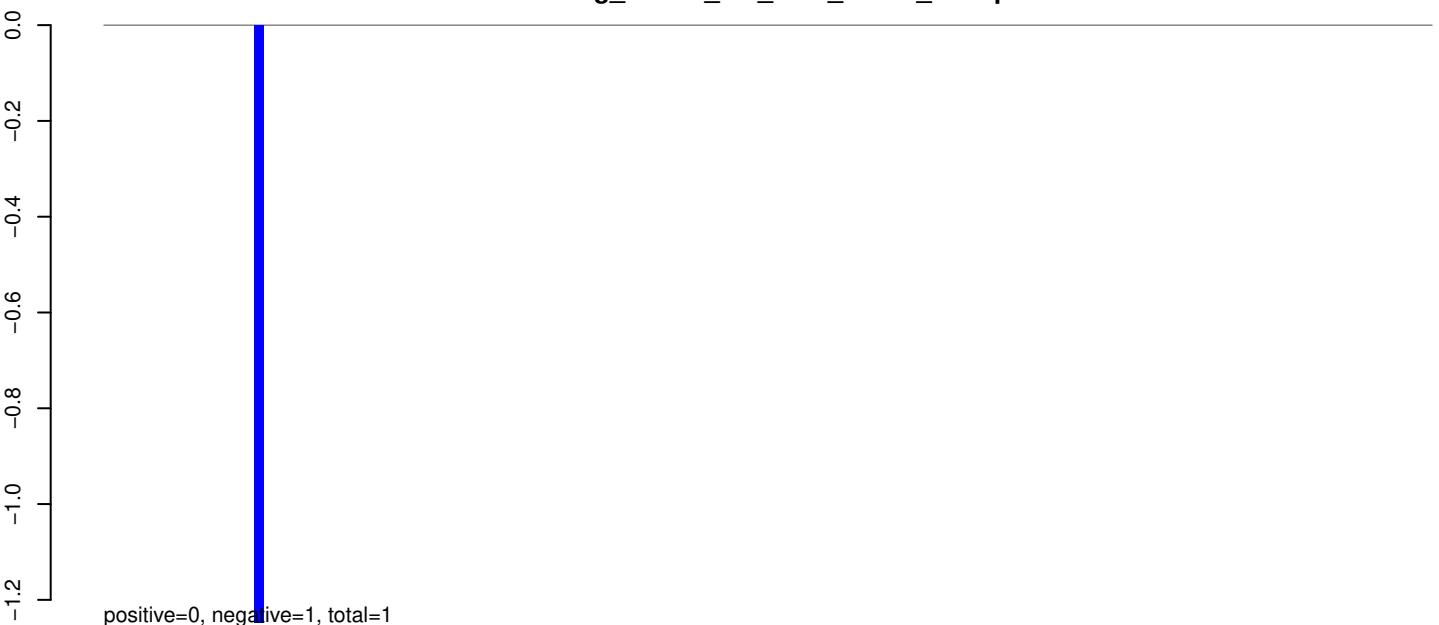
Window size=25, length=4881, TE@BEL-114\_AA-LTR-I:1-4881

0 1000 2000 3000 4000 5000

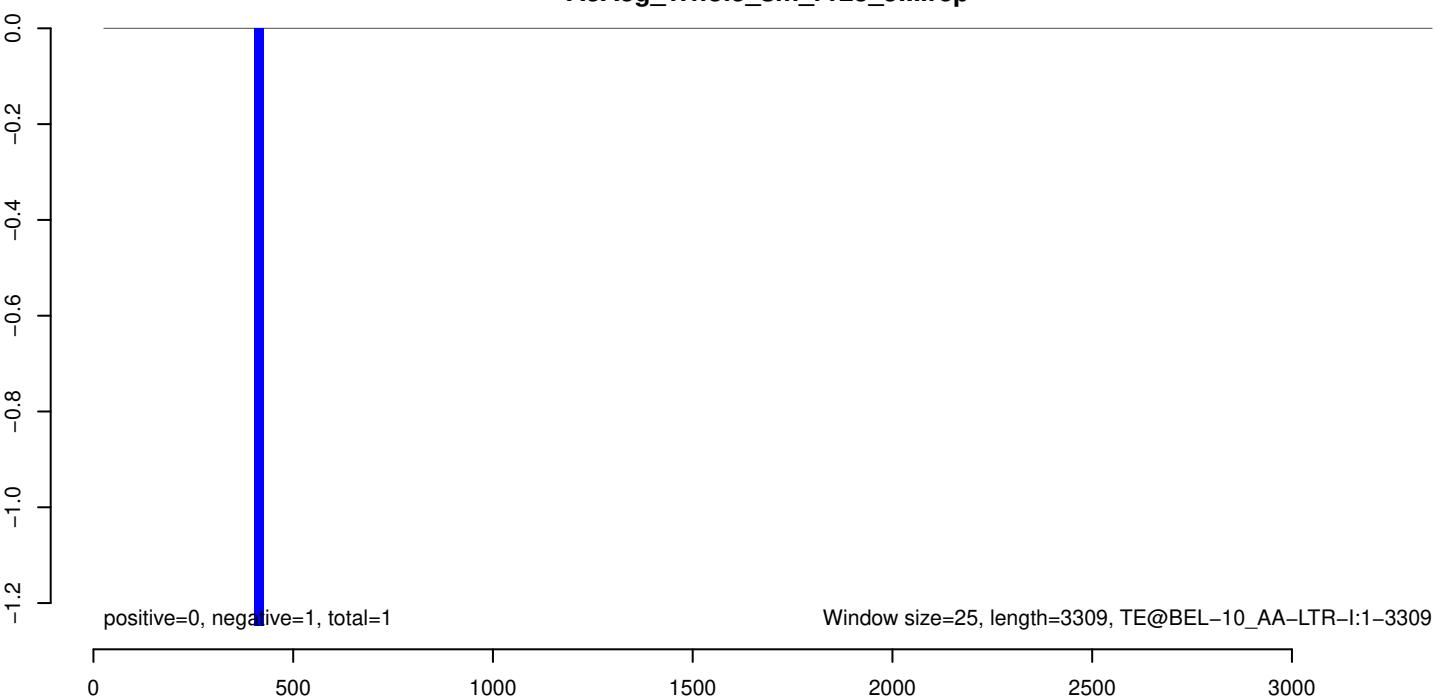
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=1, total=1

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

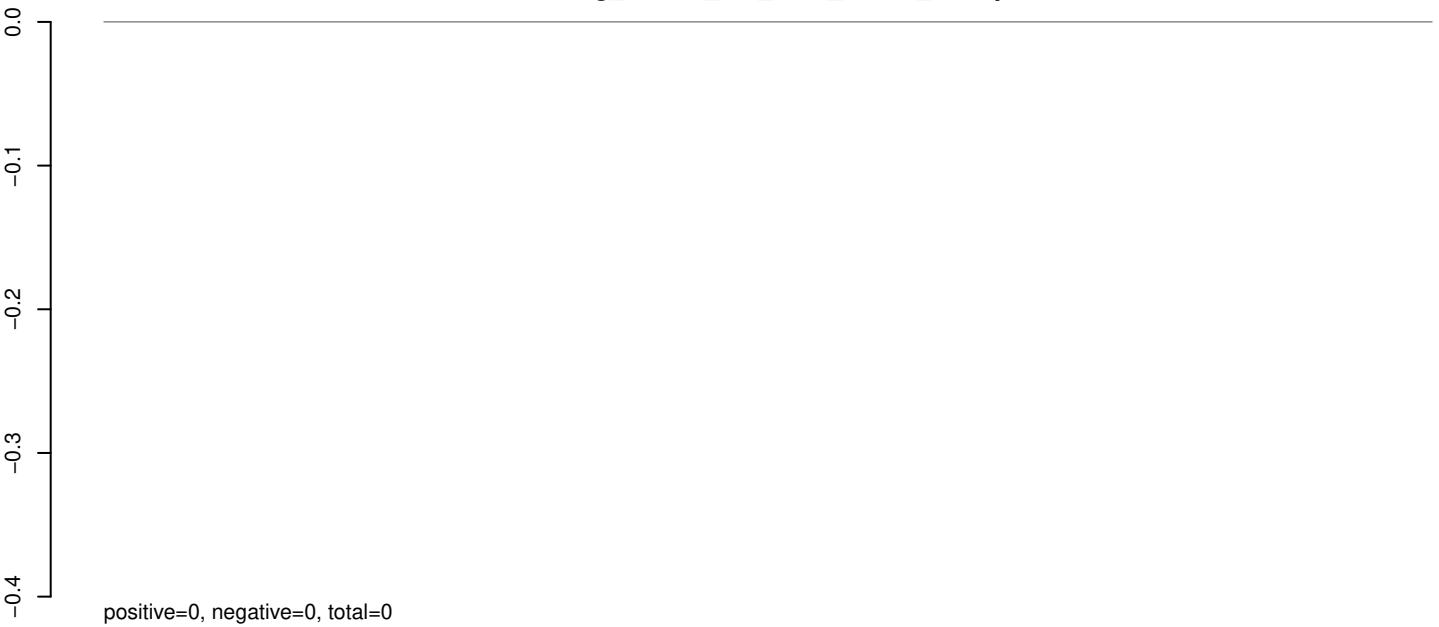
### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=1, total=1

Window size=25, length=2855, TE@AeHerves2:1–2855

0 500 1000 1500 2000 2500 3000

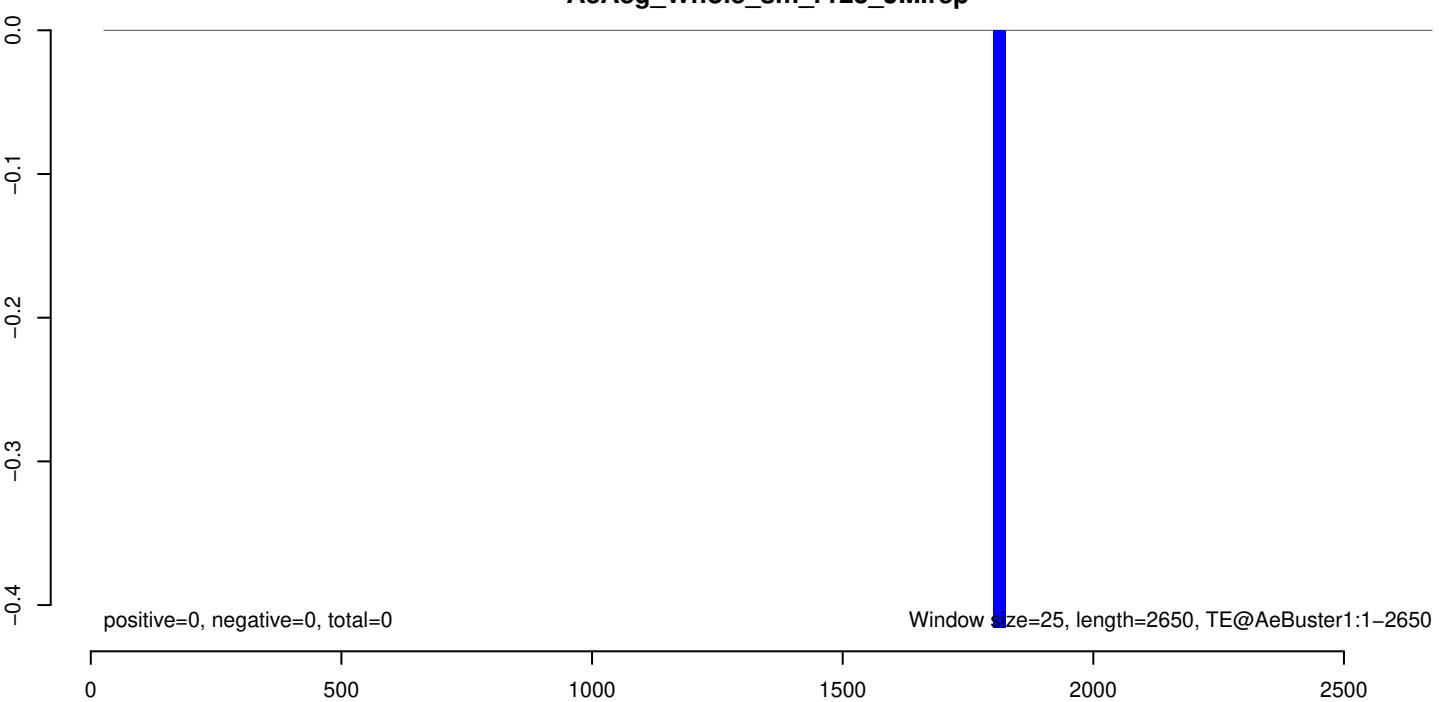
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



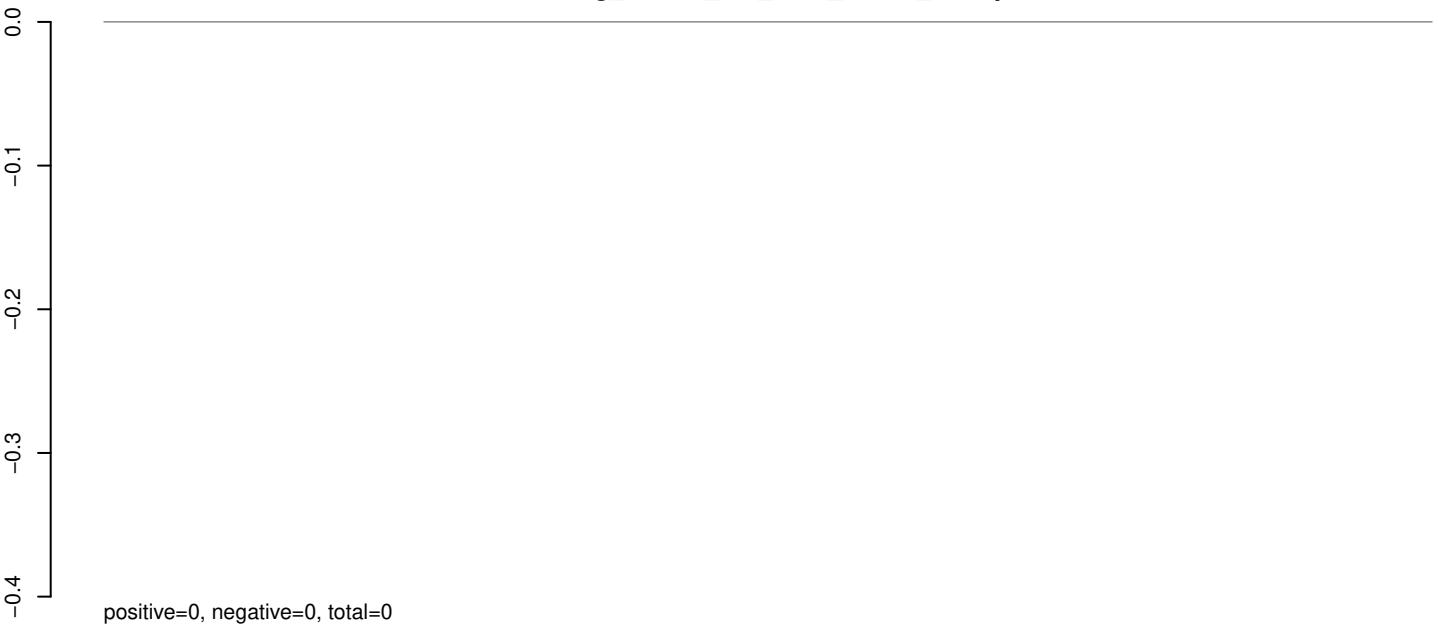
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



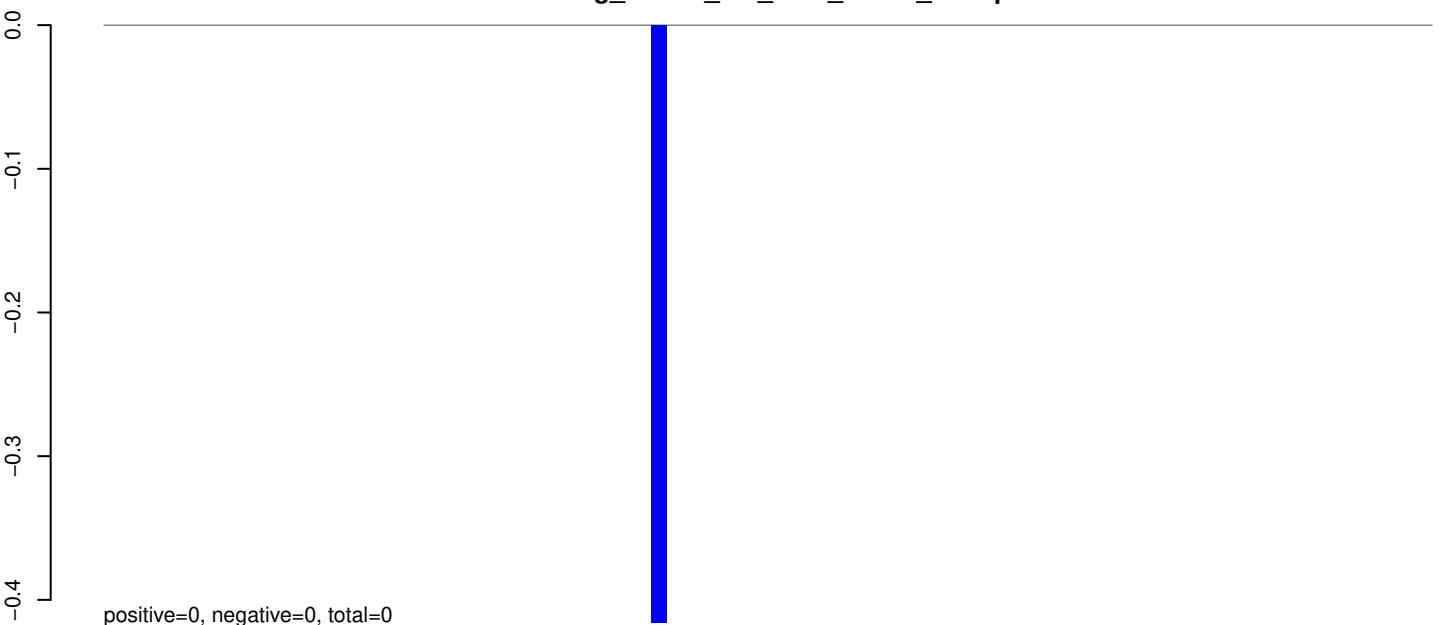
### AeAeg\_Whole\_sm\_r123\_JM.rep



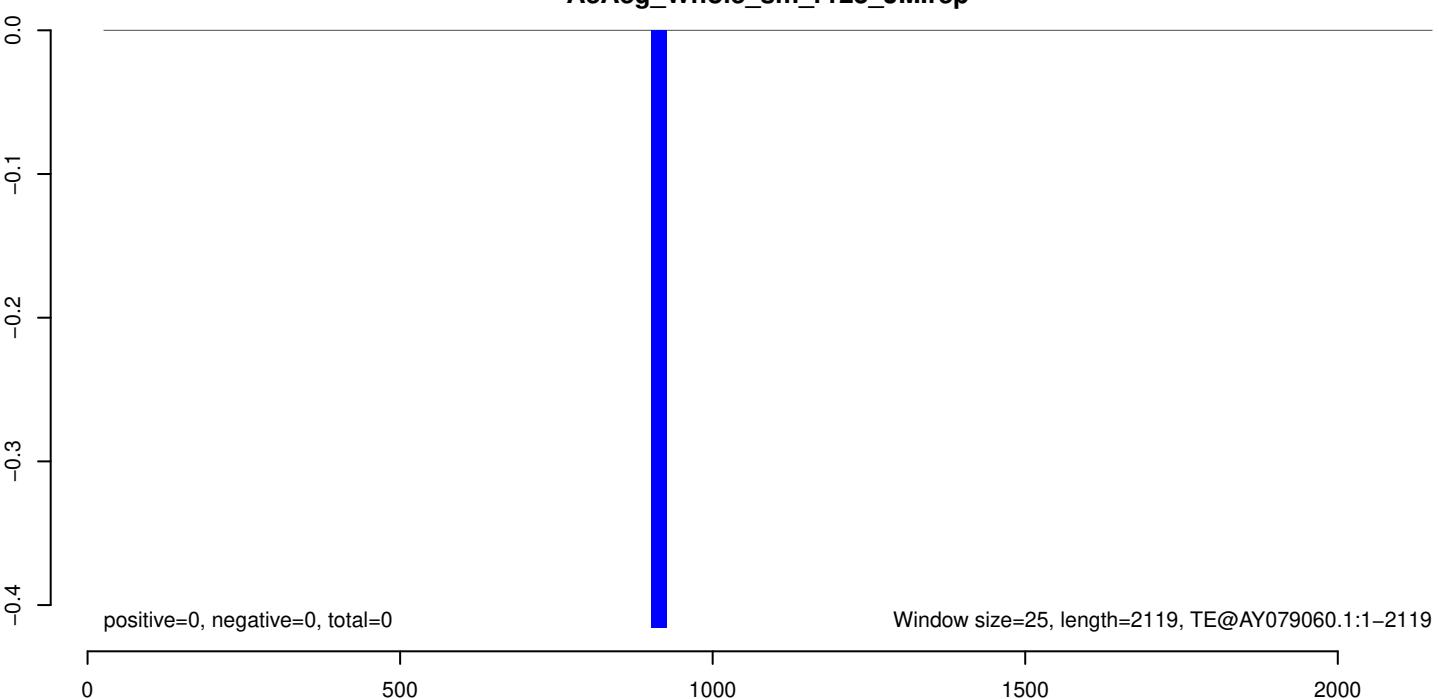
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



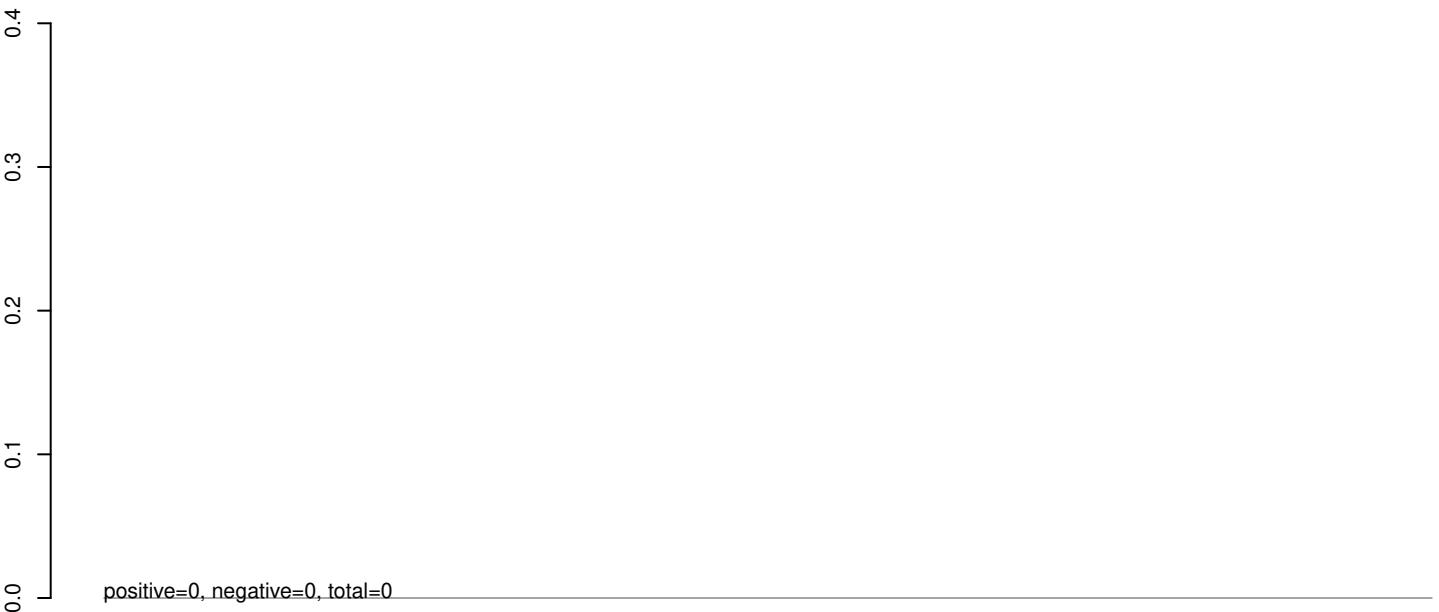
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



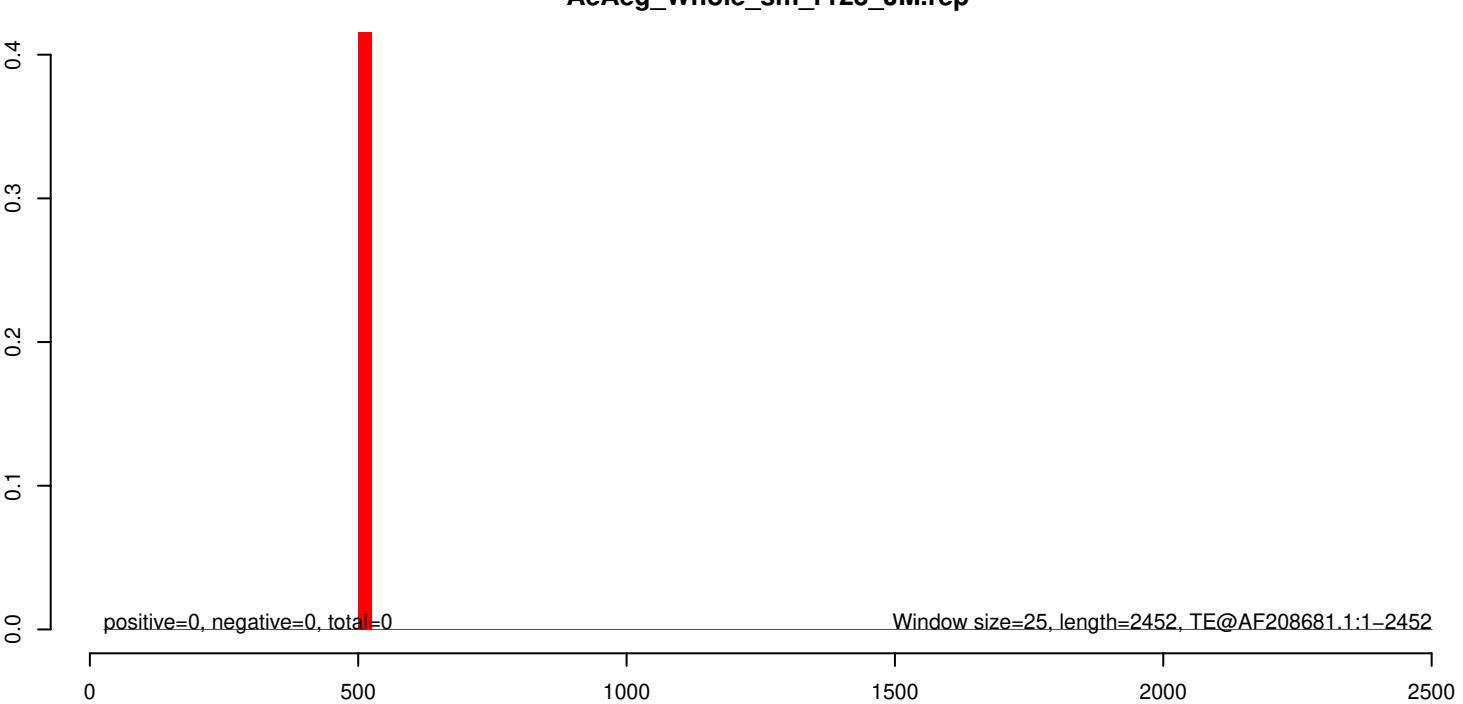
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



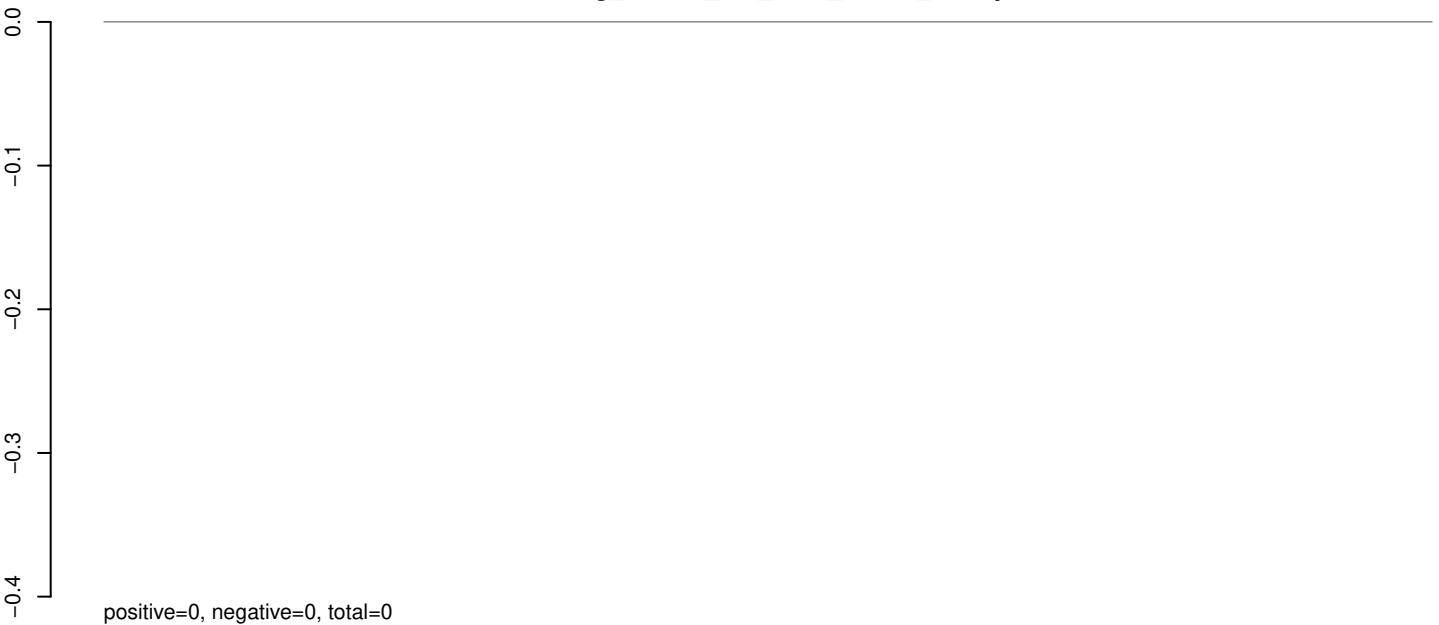
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



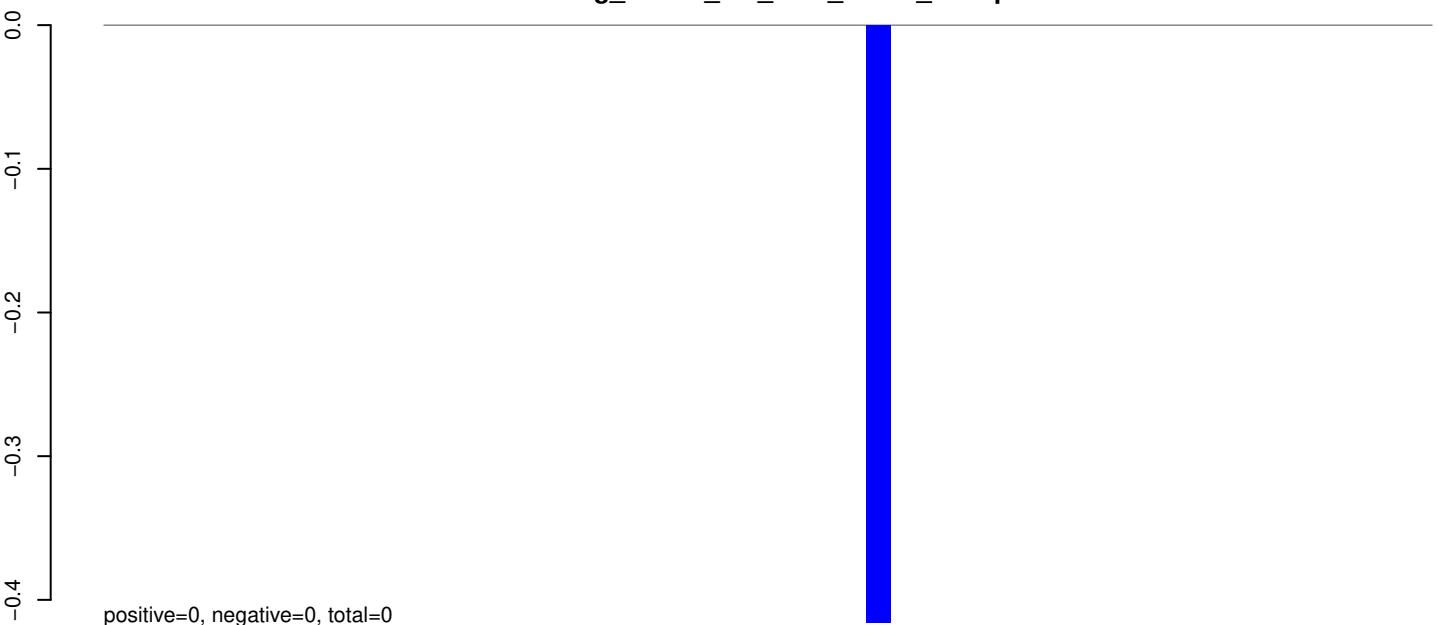
**AeAeg\_Whole\_sm\_r123\_JM.rep**



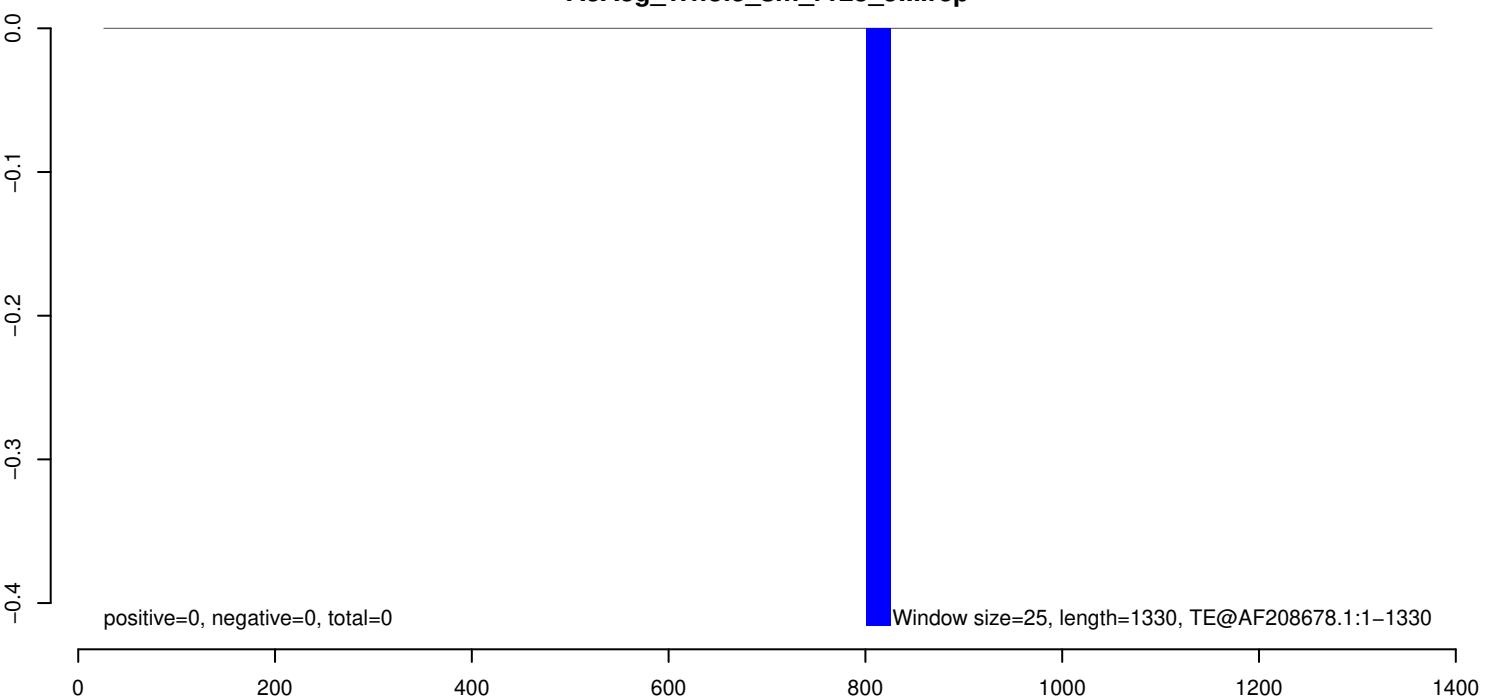
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



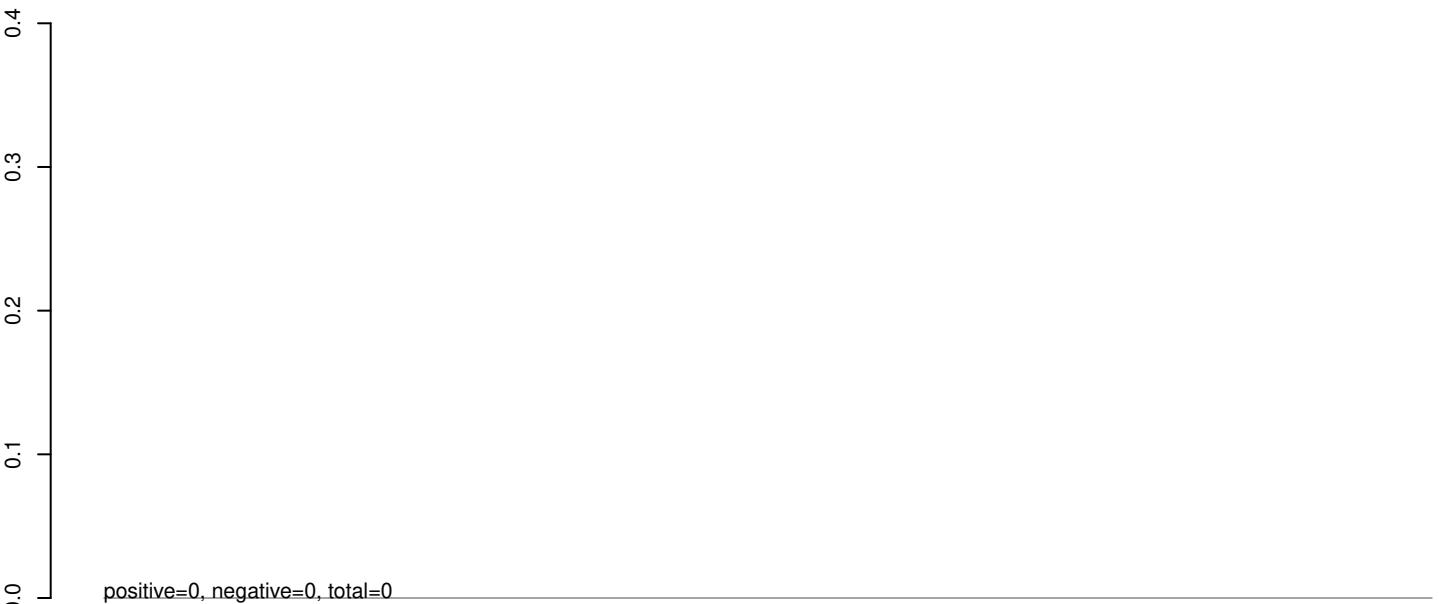
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



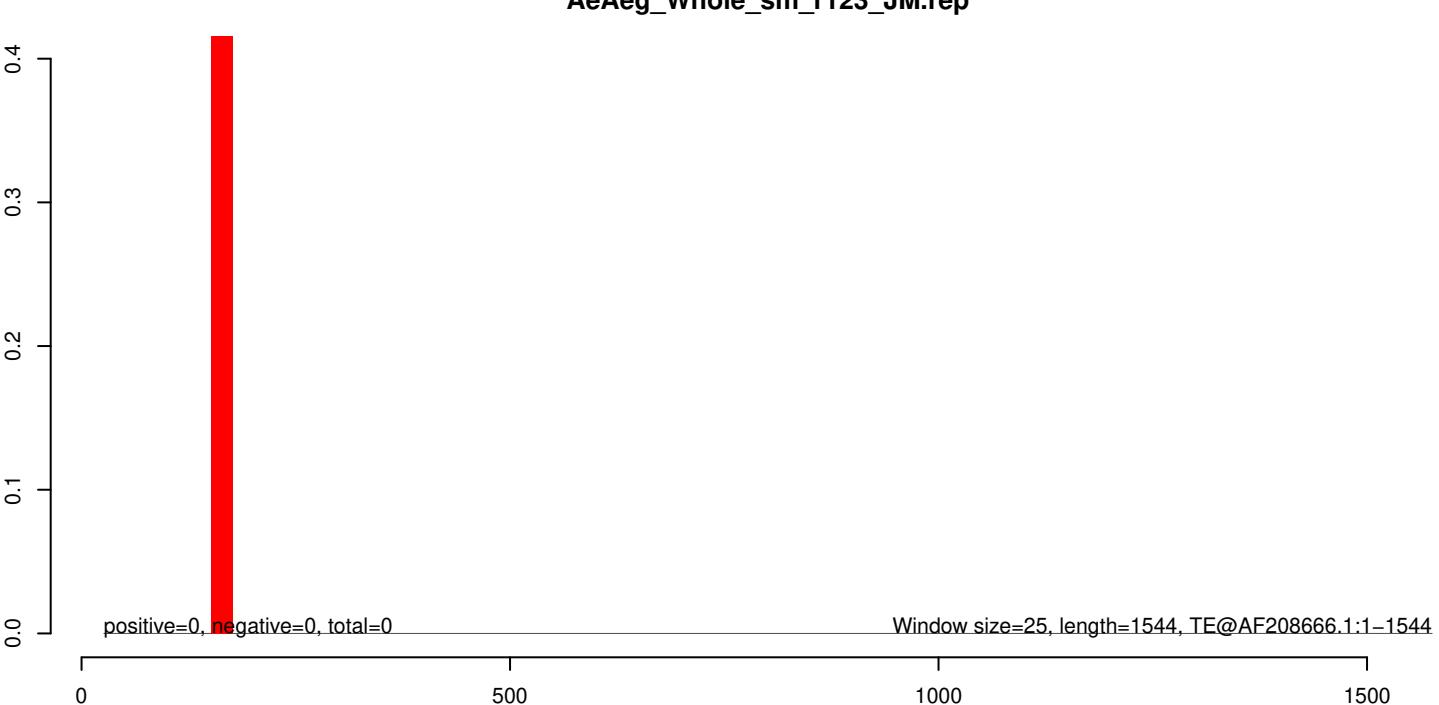
AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



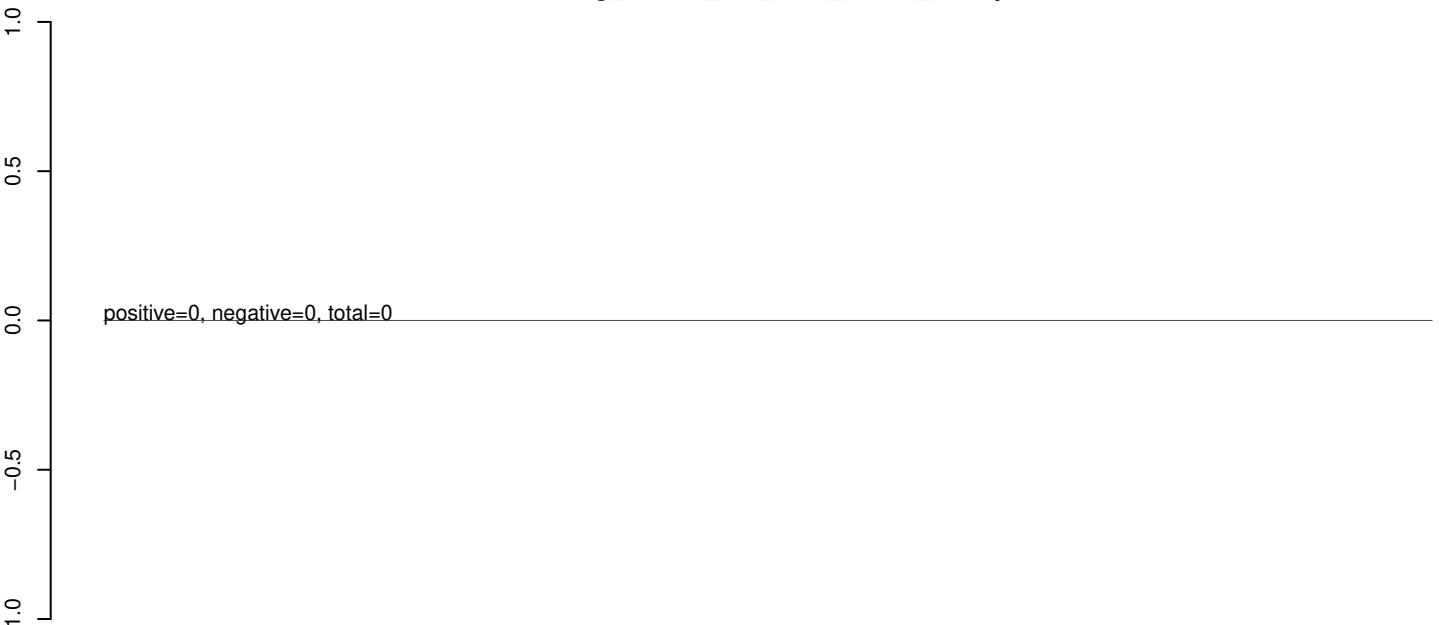
AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



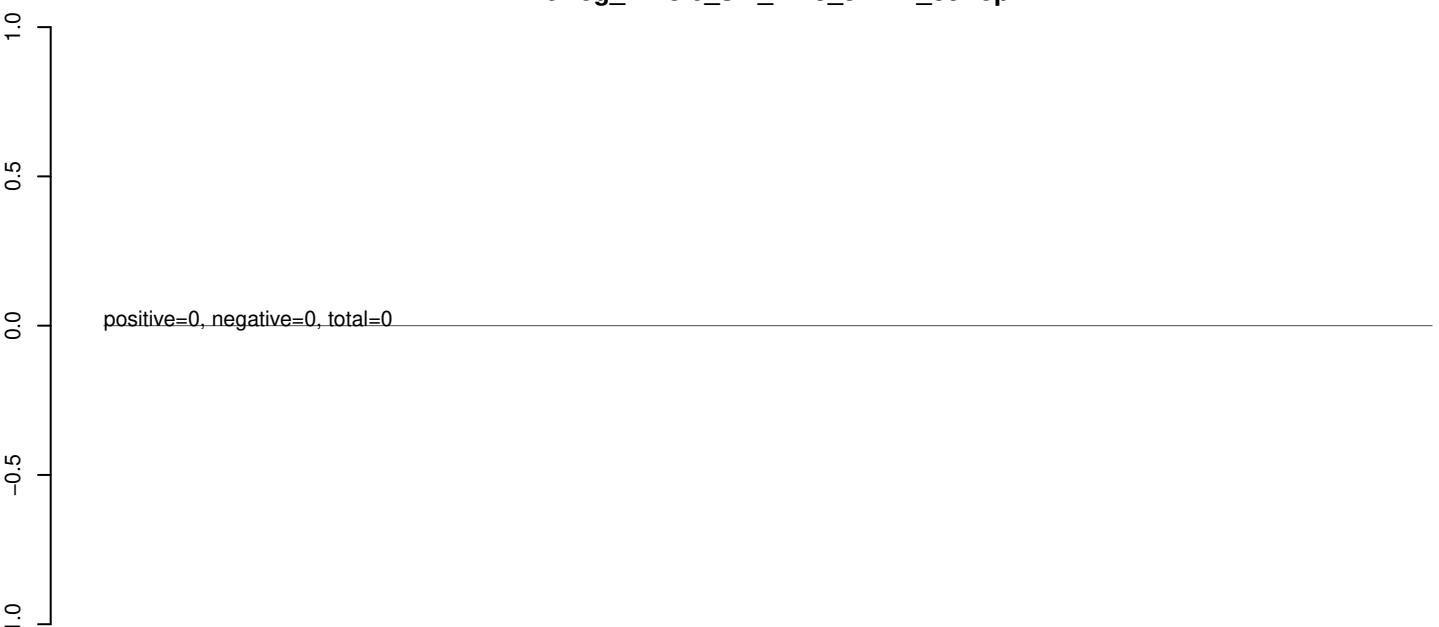
AeAeg\_Whole\_sm\_r123\_JM.rep



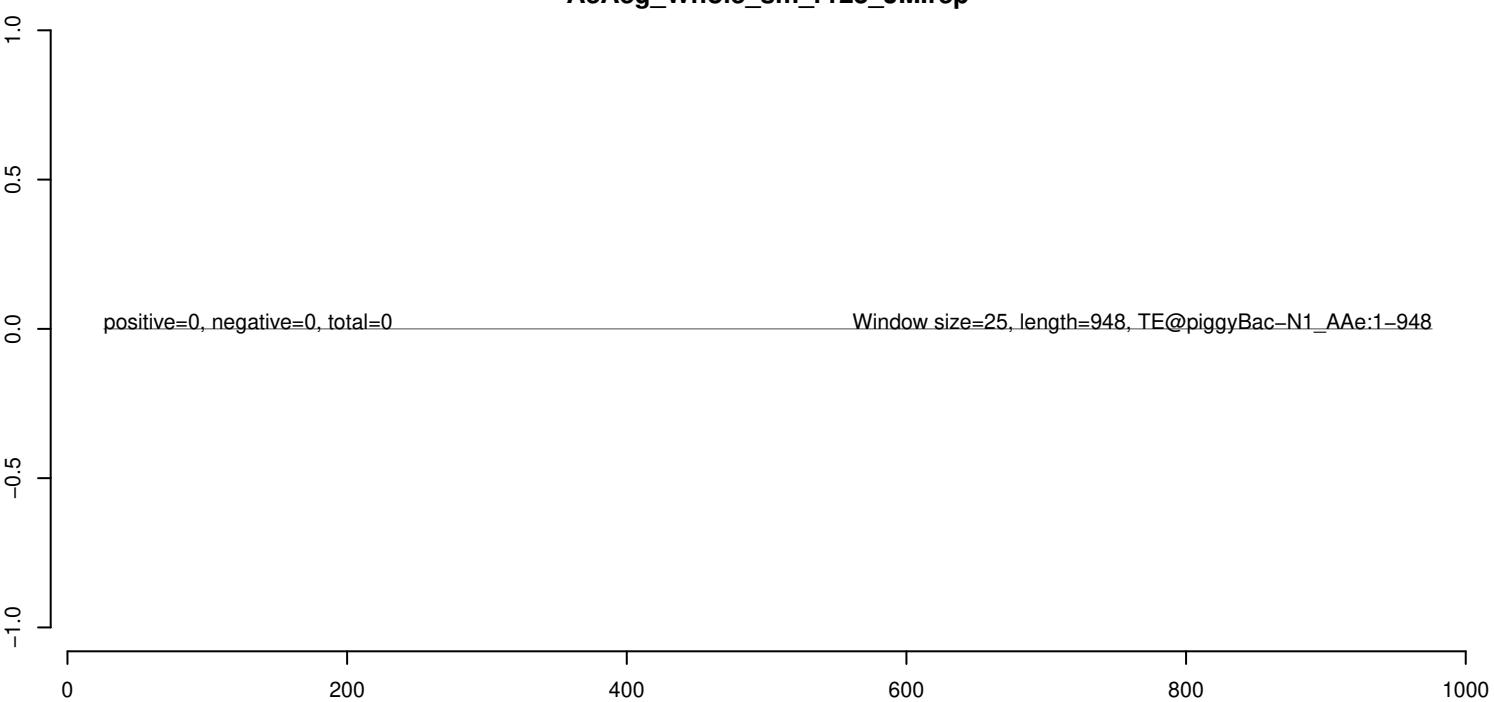
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=3322, TE@piggyBac-1\_AAe:1-3322

0 500 1000 1500 2000 2500 3000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

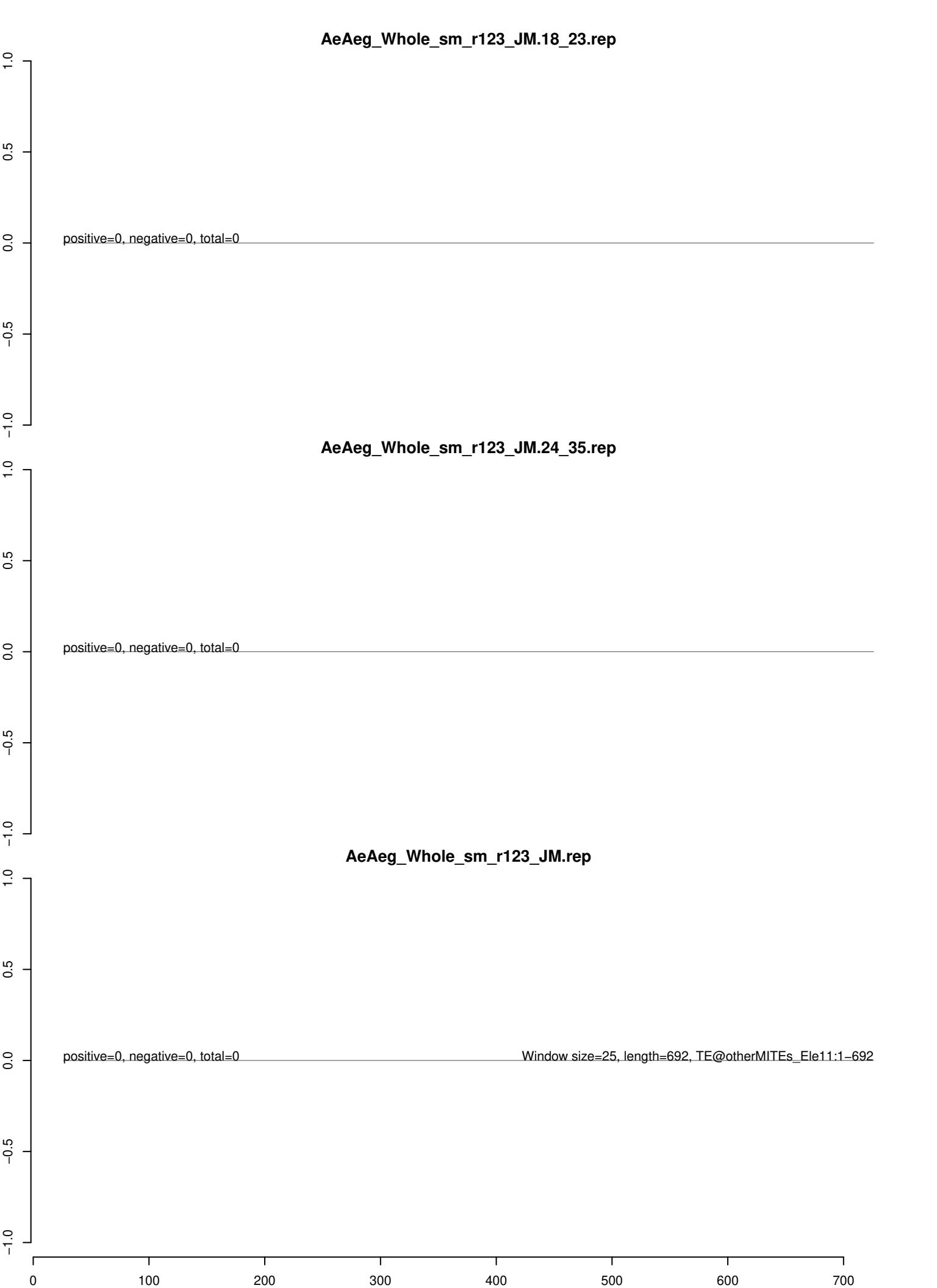
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

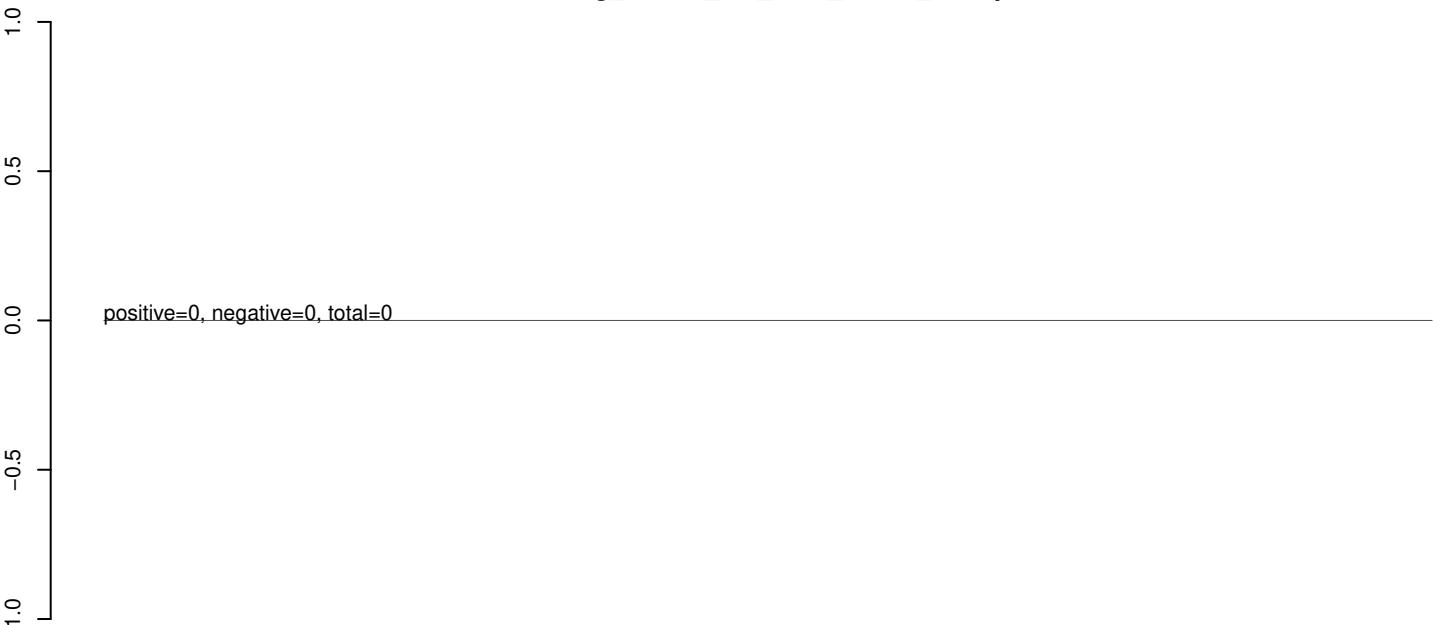
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

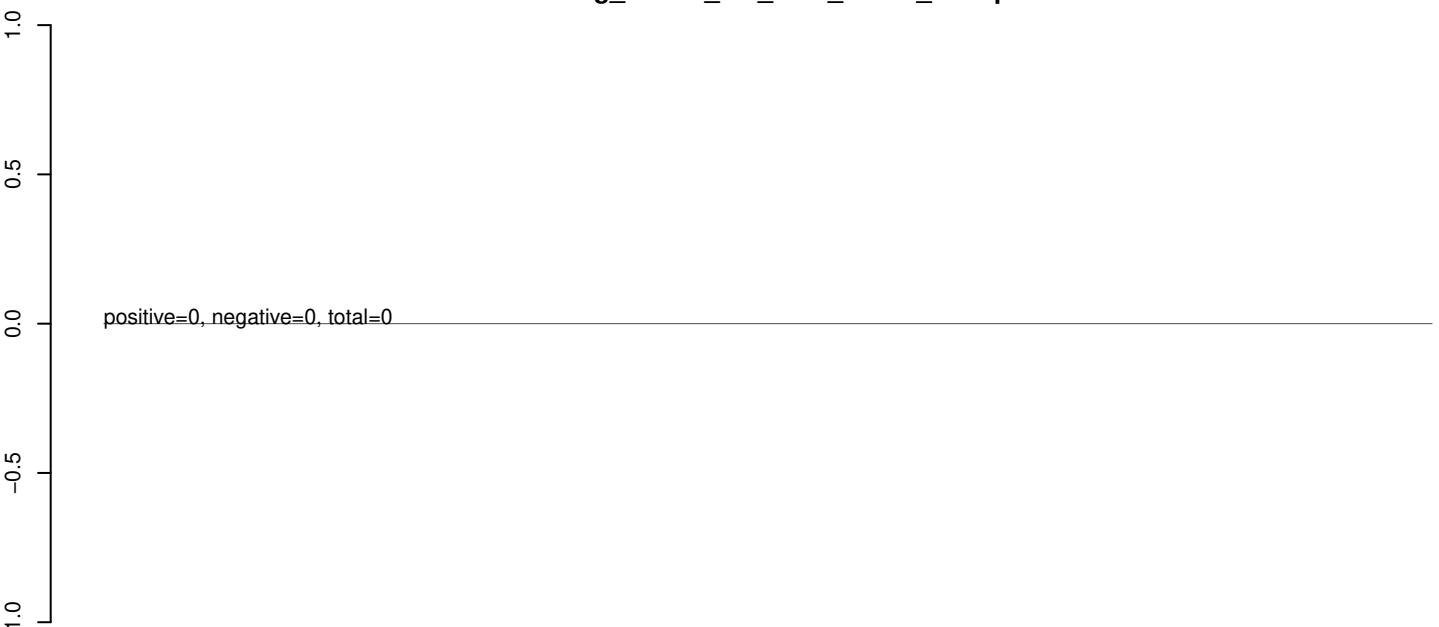
Window size=25, length=692, TE@otherMITEs\_Ele11:1–692



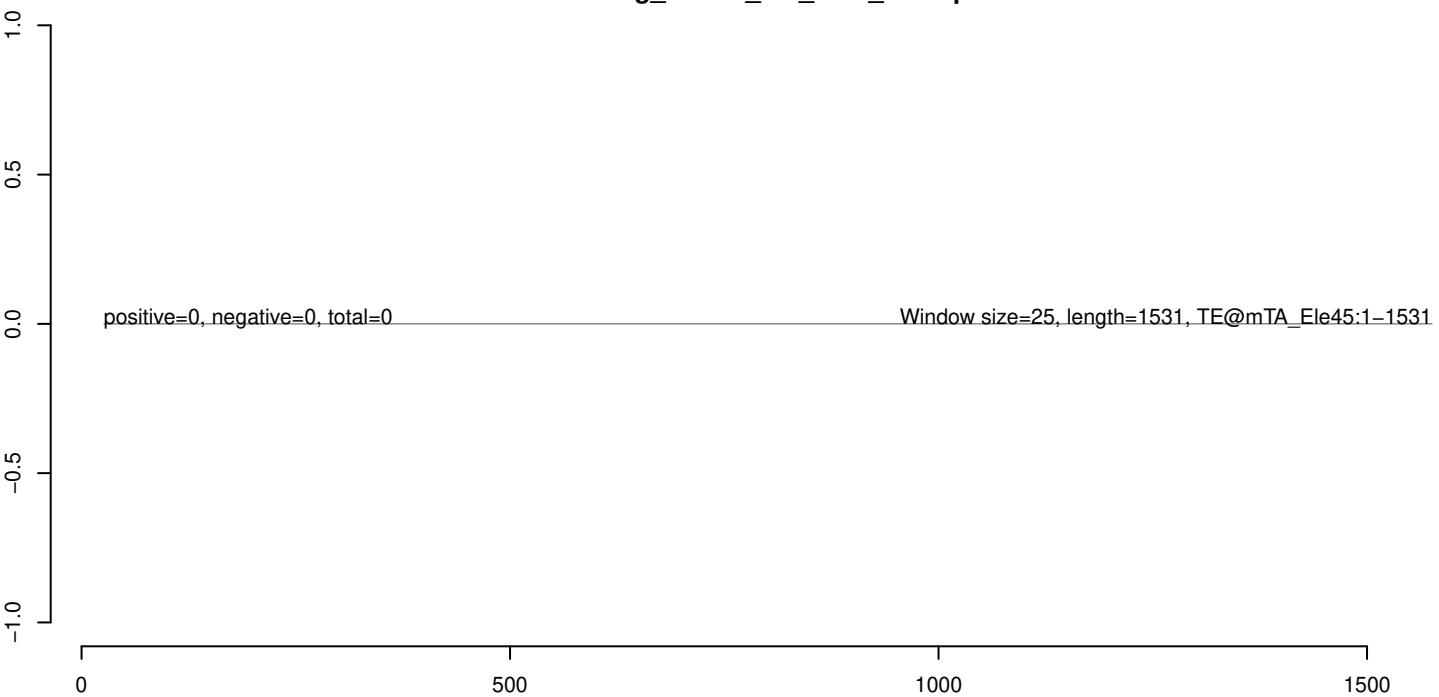
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



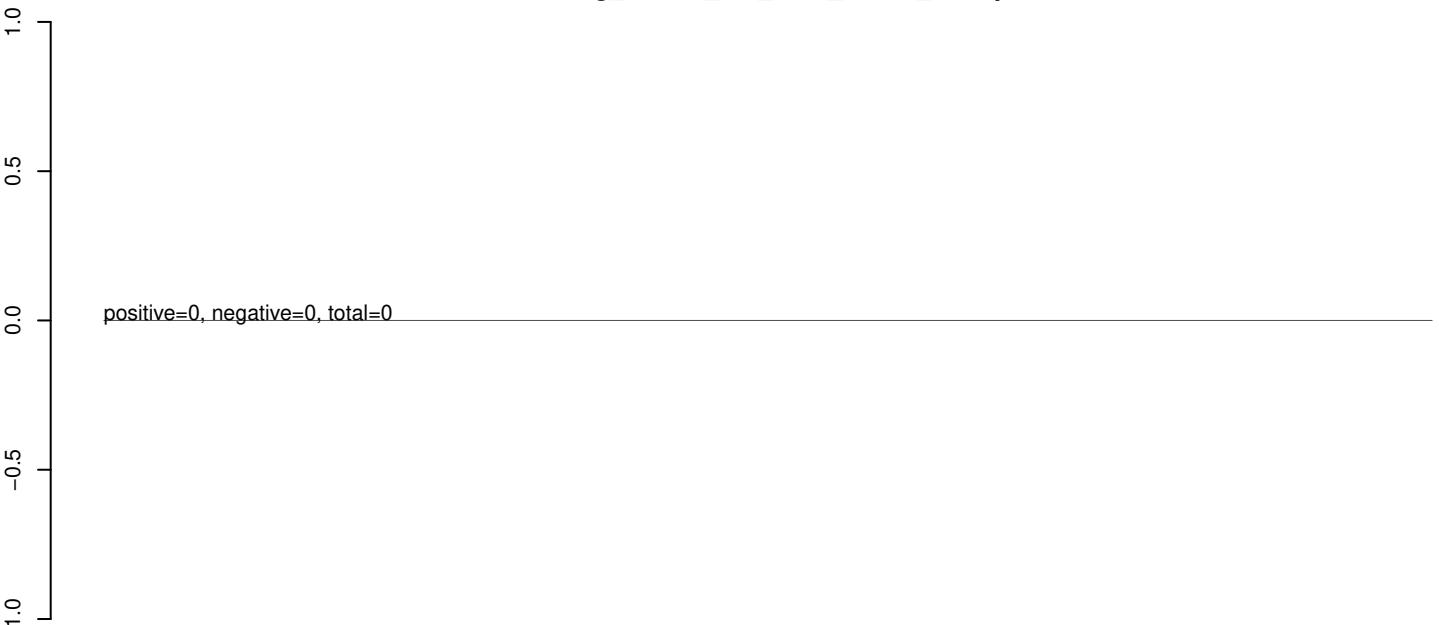
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



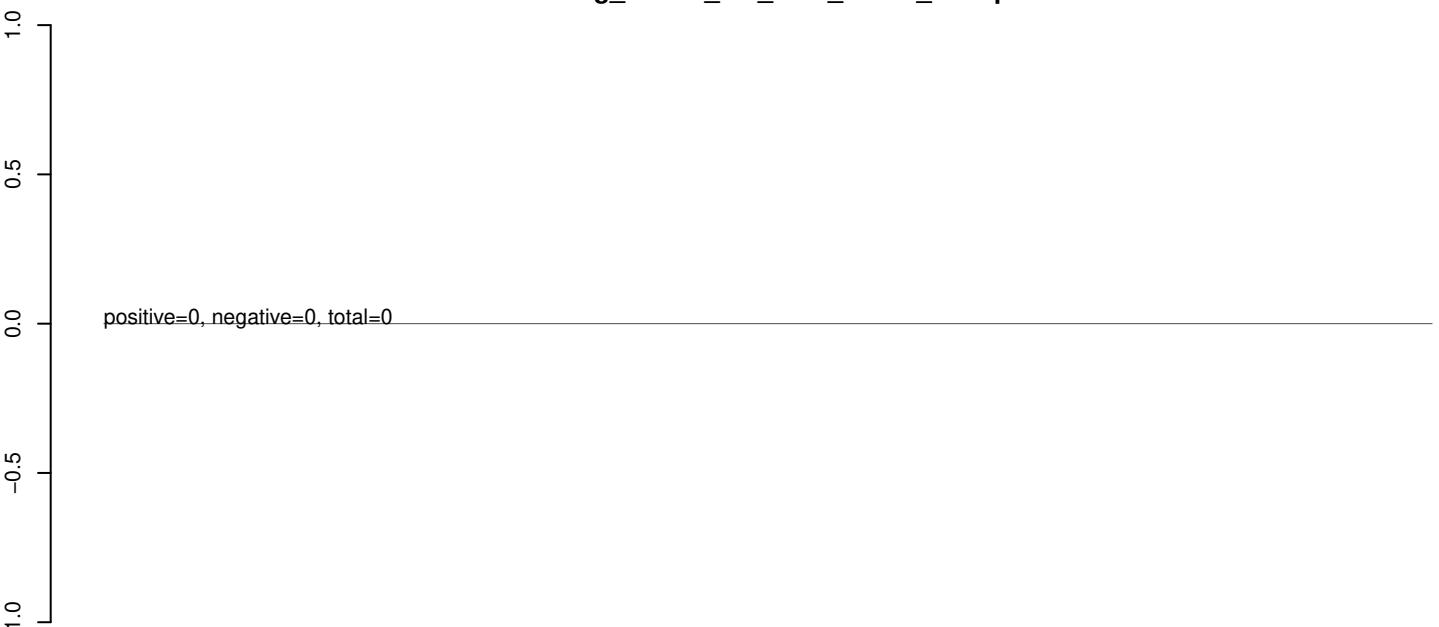
**AeAeg\_Whole\_sm\_r123\_JM.rep**



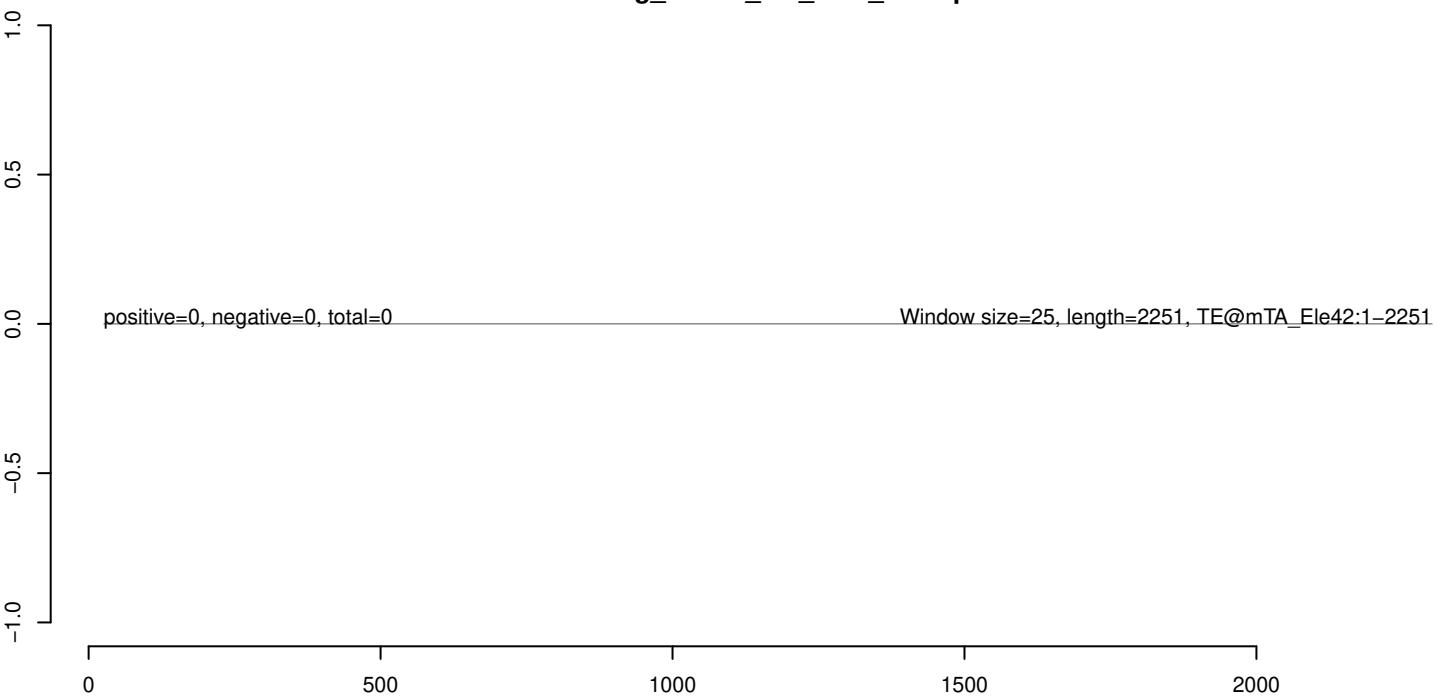
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



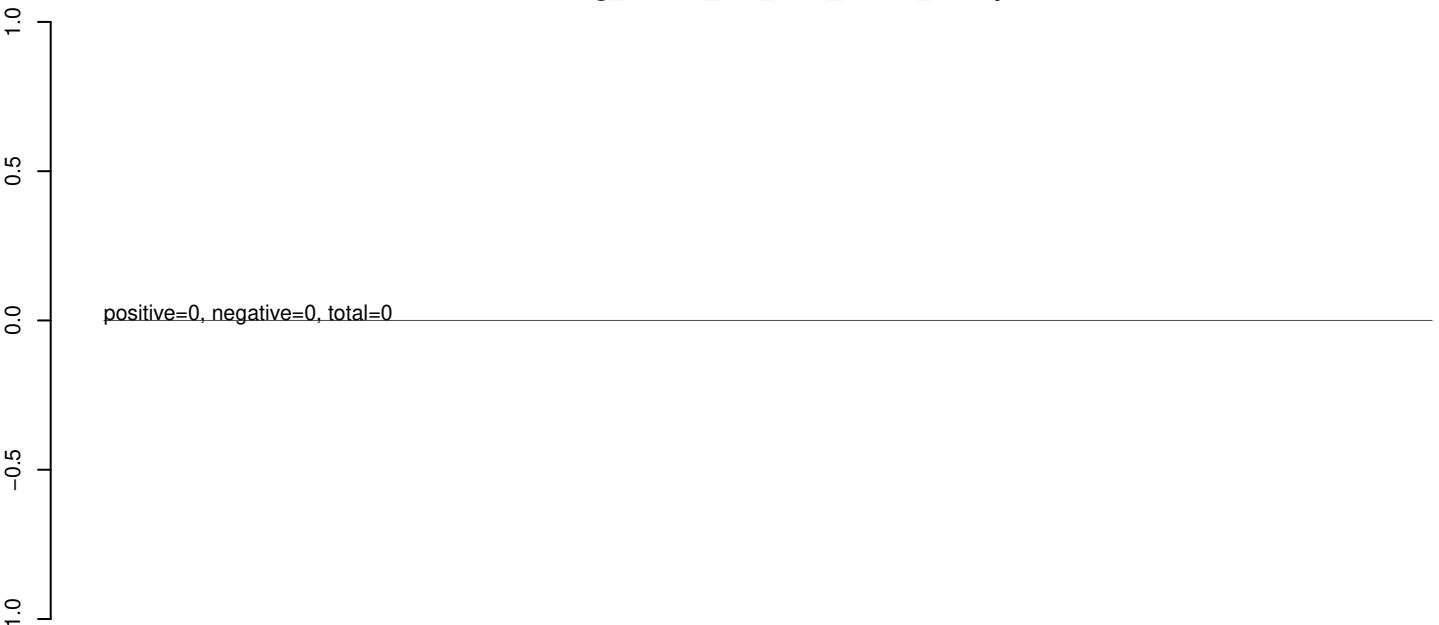
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



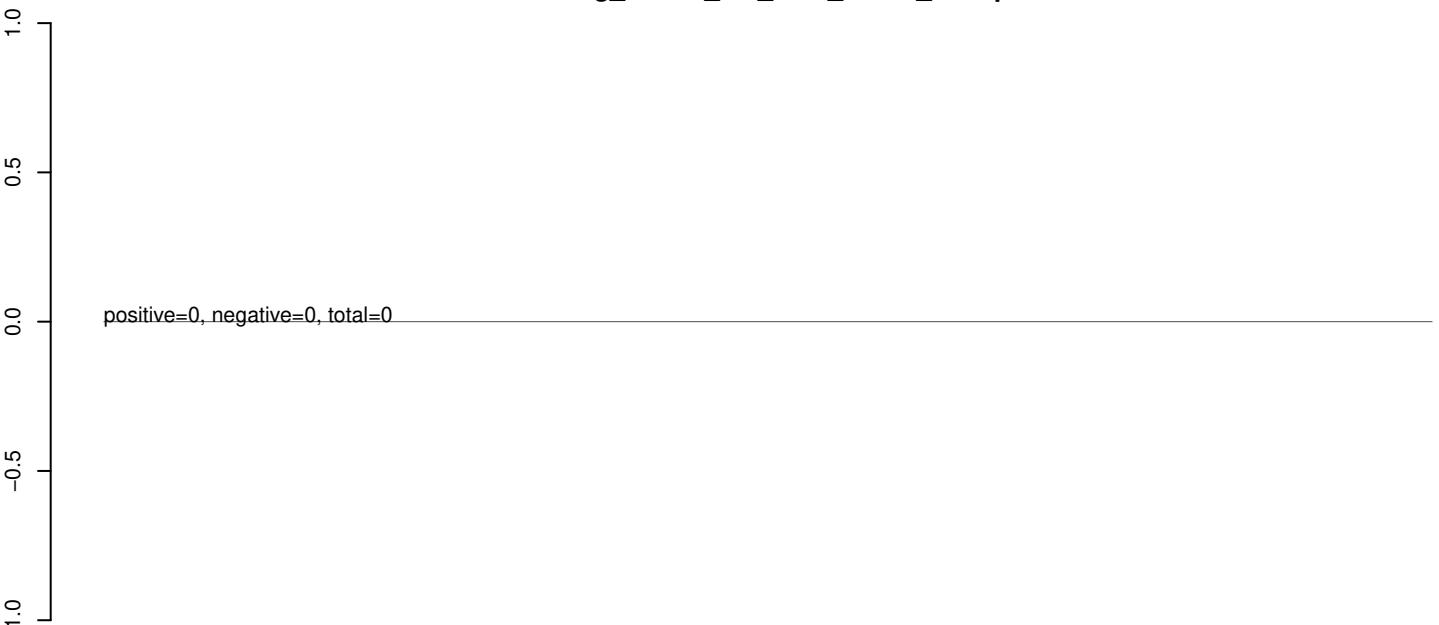
**AeAeg\_Whole\_sm\_r123\_JM.rep**



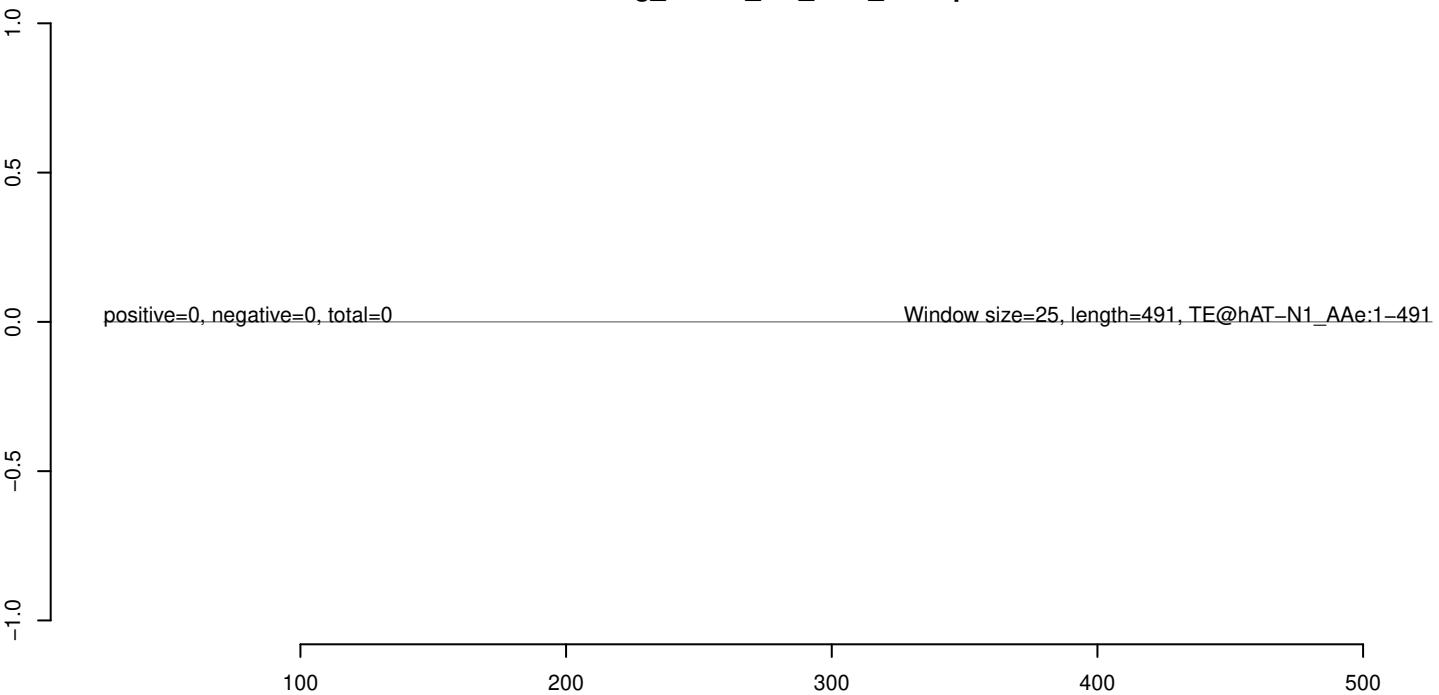
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1152, TE@aedes\_aegypti\_943\_6-Unknown:1-1152

0 200 400 600 800 1000 1200

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1589, TE@aedes\_aegypti\_861\_7-Unknown:1-1589

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1213, TE@aedes\_aegypti\_822\_4-Unknown:1-1213

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1249, TE@aedes\_aegypti\_781\_6-Unknown:1-1249

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

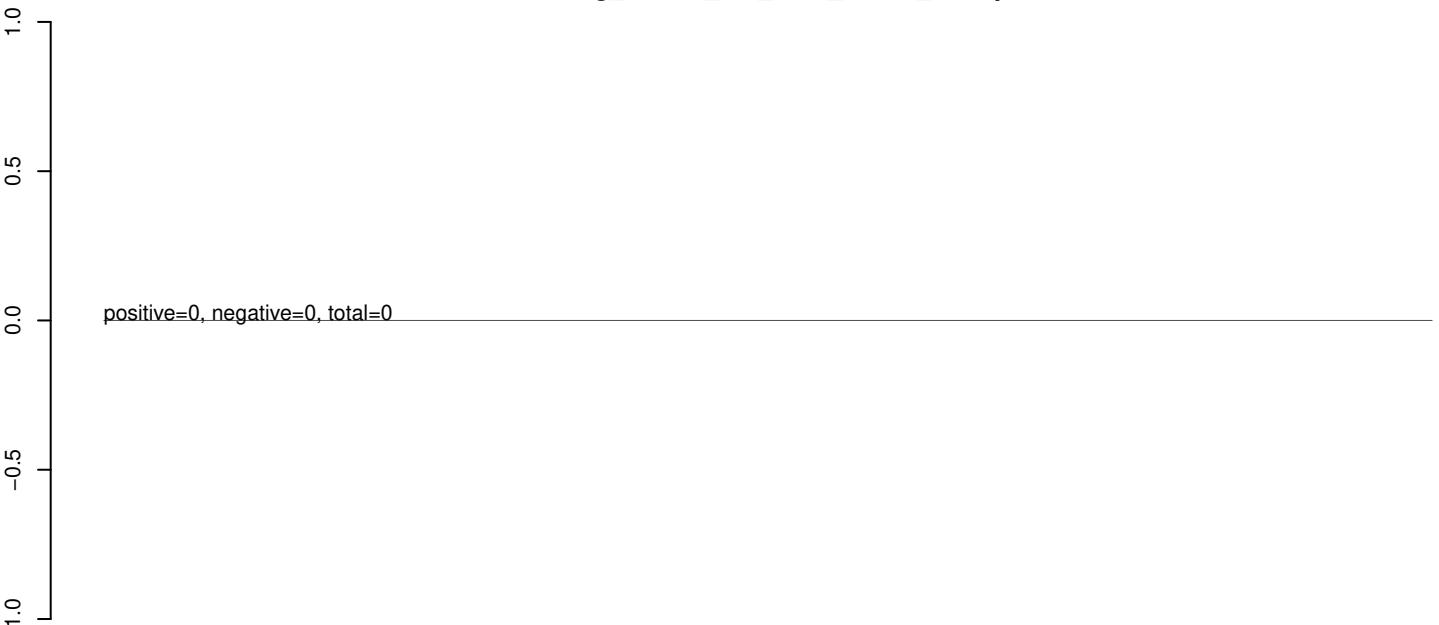
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

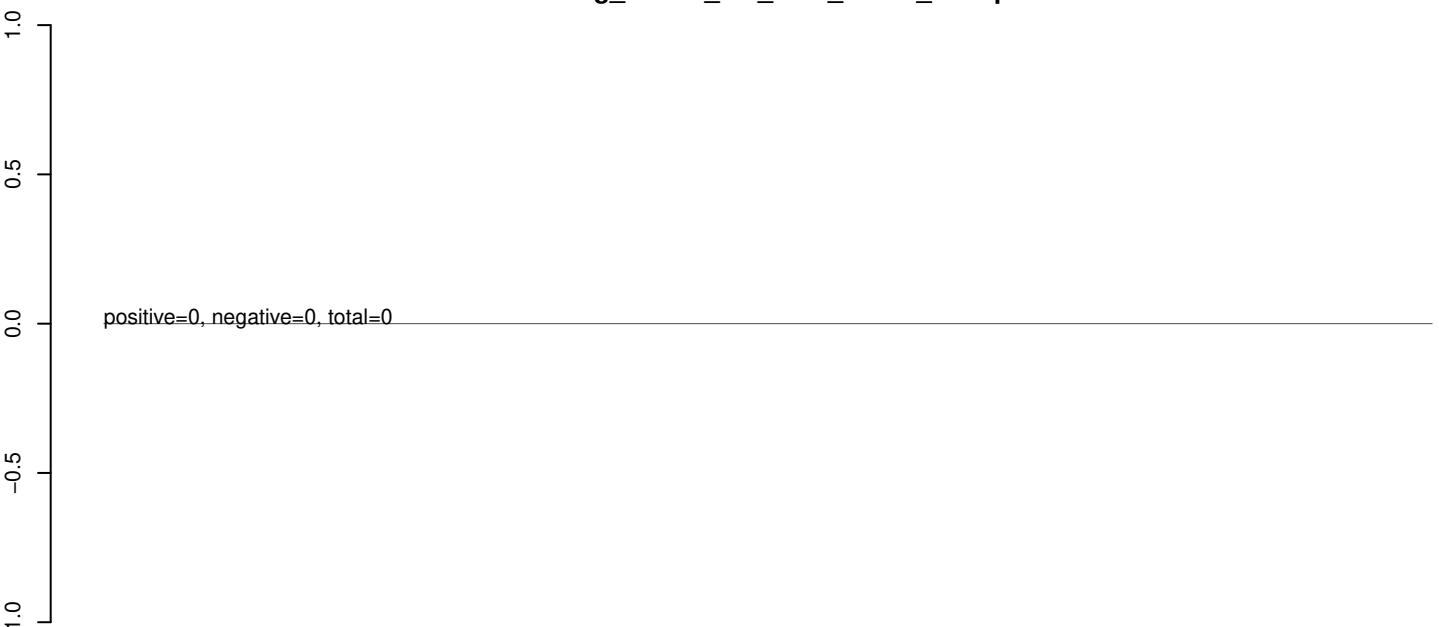
Window.size=25, length=1172, TE@aedes\_aegypti\_697\_5-Unknown:1-1172

0 200 400 600 800 1000 1200

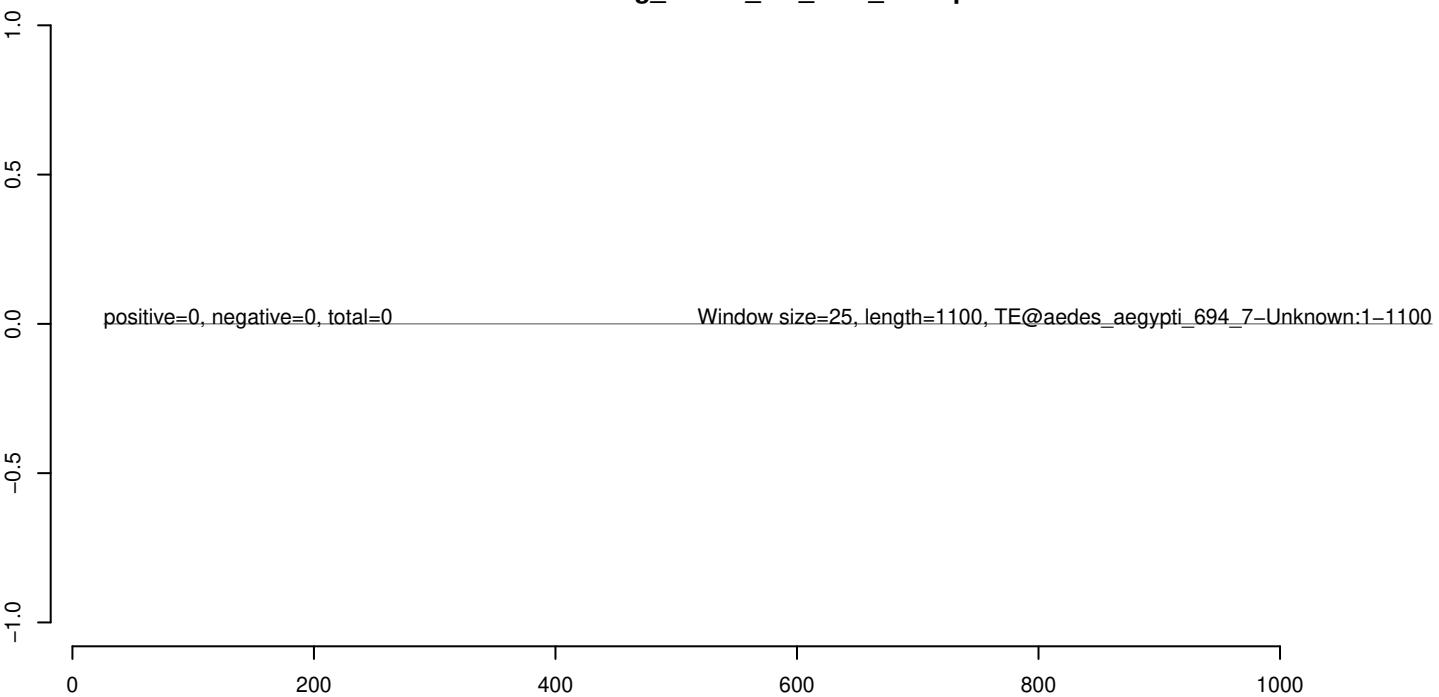
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

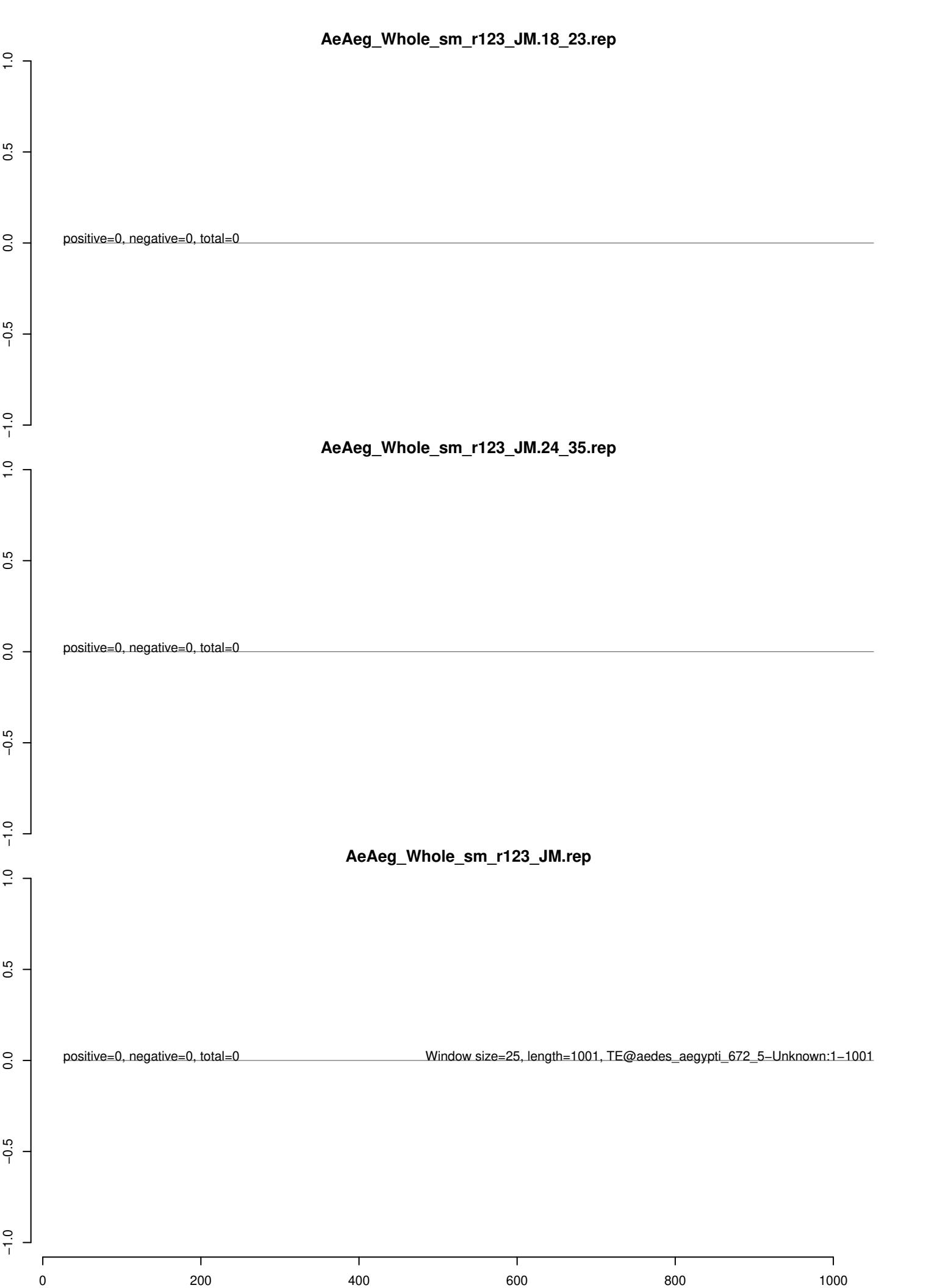
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1001, TE@aedes\_aegypti\_672\_5-Unknown:1-1001



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

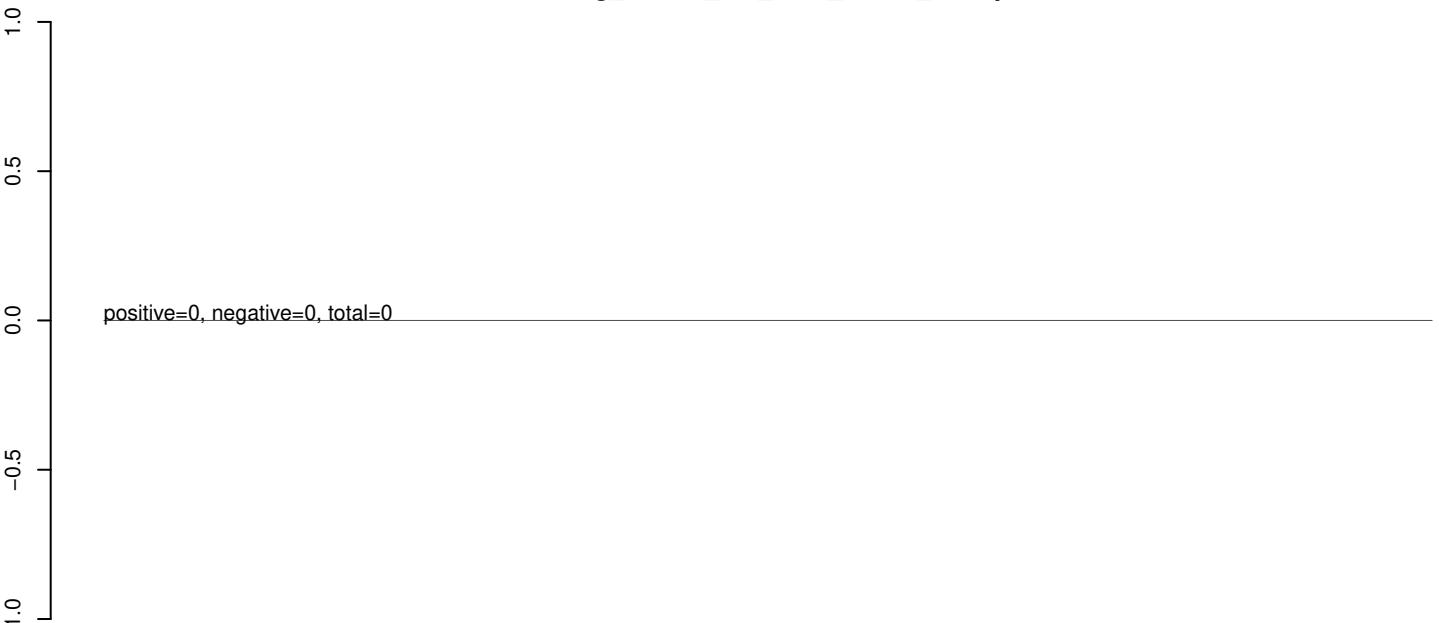
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

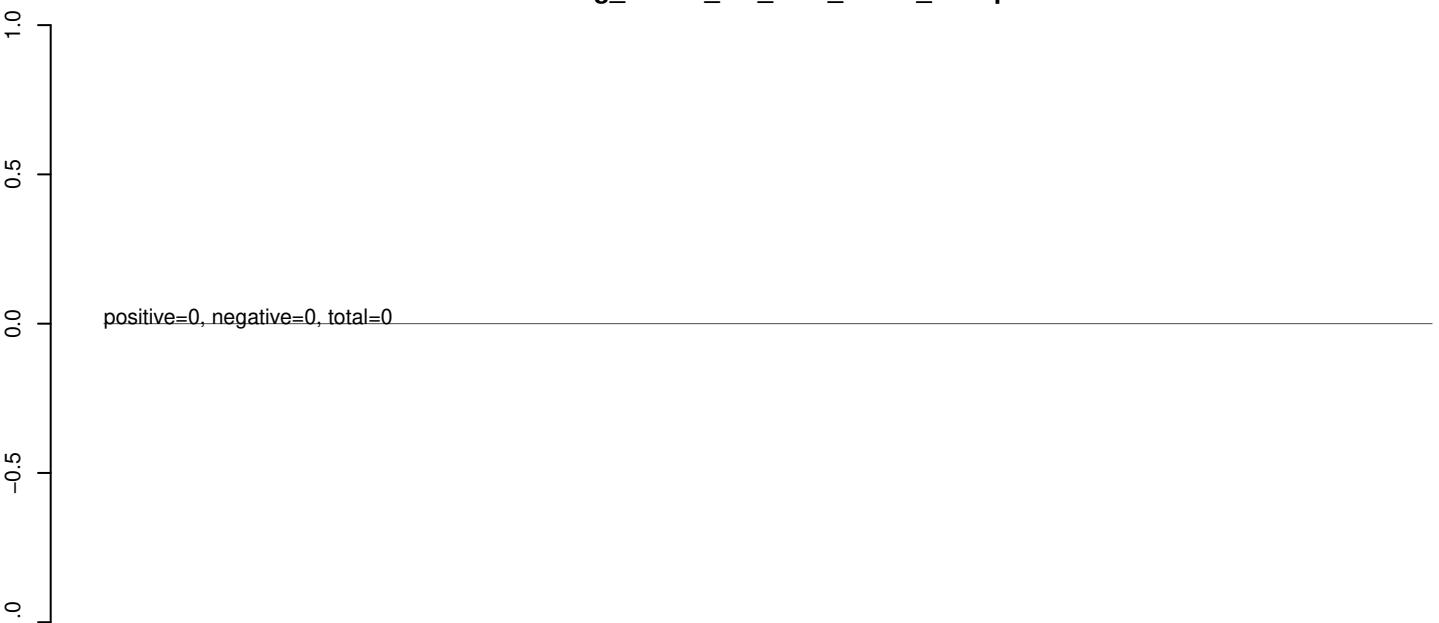
positive=0, negative=0, total=0

Window.size=25, length=1964, TE@aedes\_aegypti\_640\_5-Unknown:1-1964

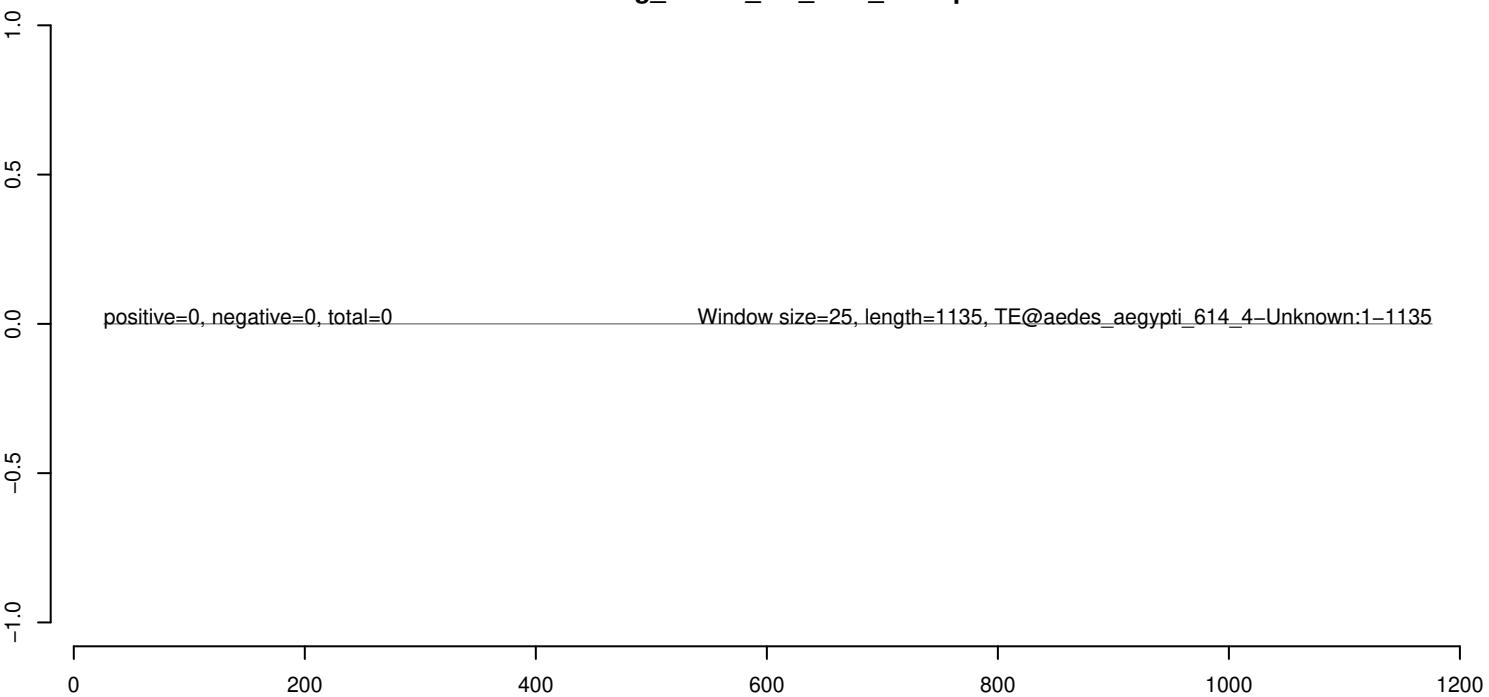
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

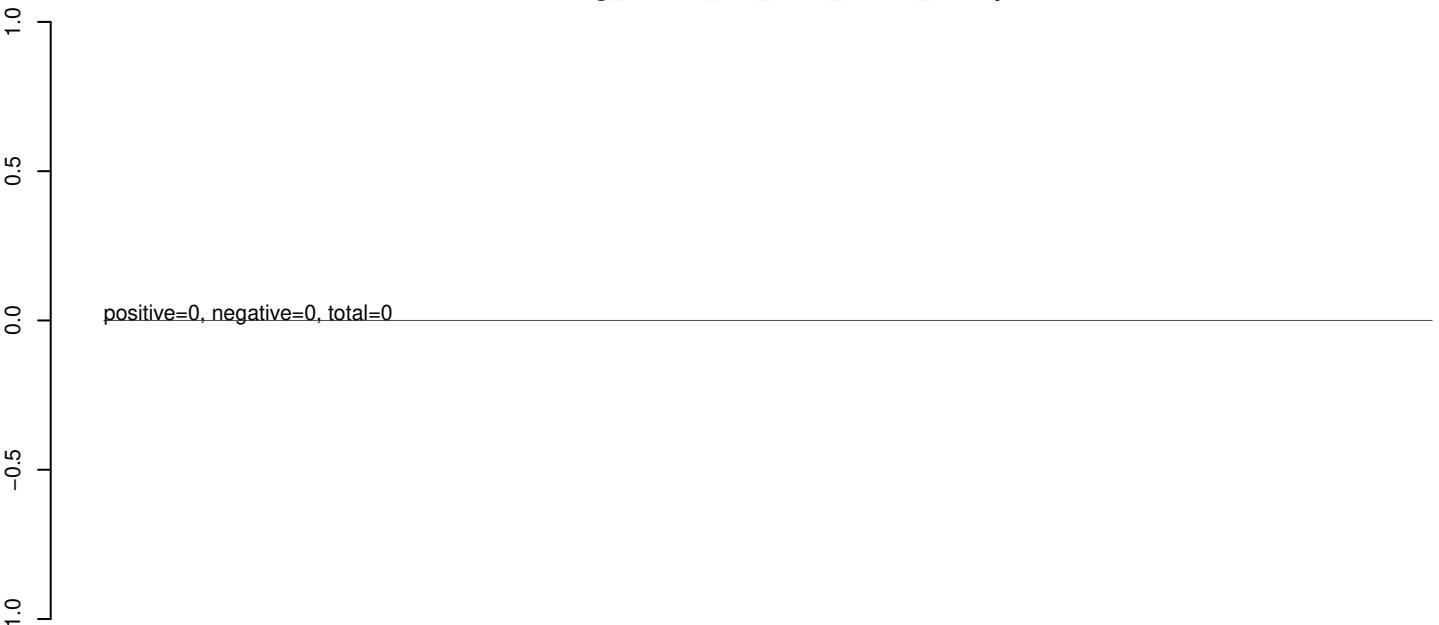
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

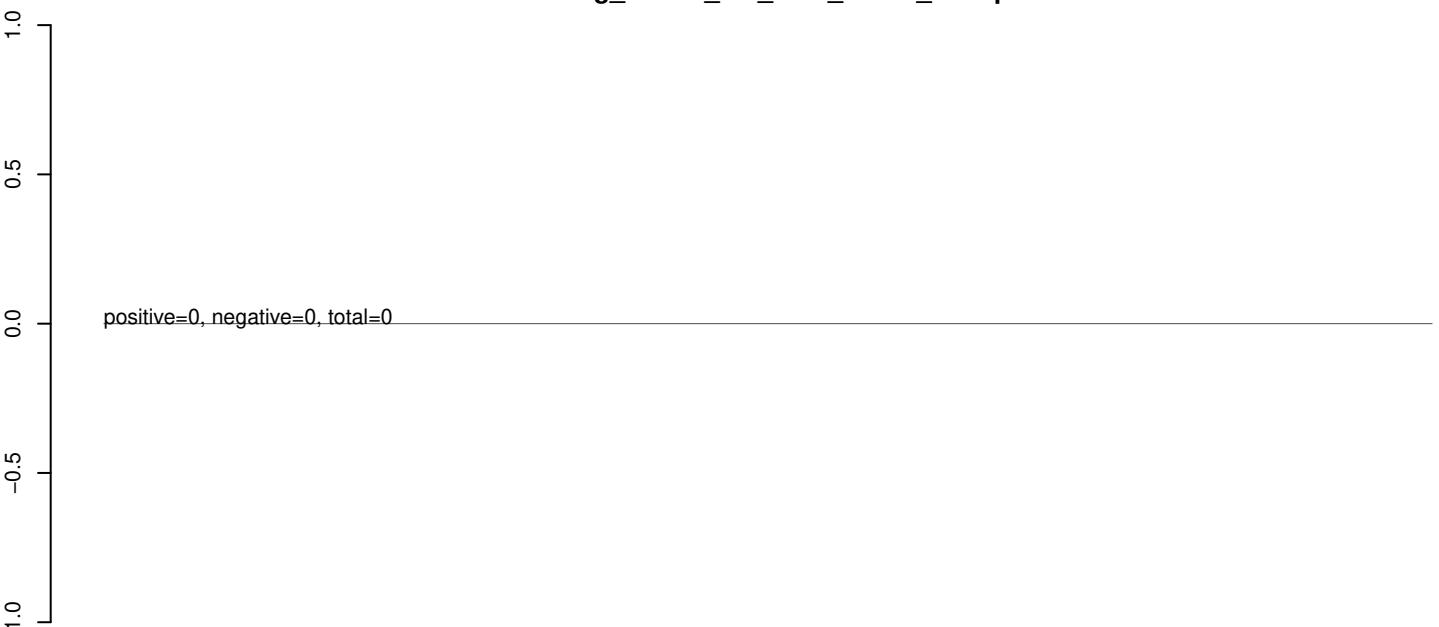
Window.size=25, length=1259, TE@aedes\_aegypti\_576\_5-Unknown:1-1259

0 200 400 600 800 1000 1200

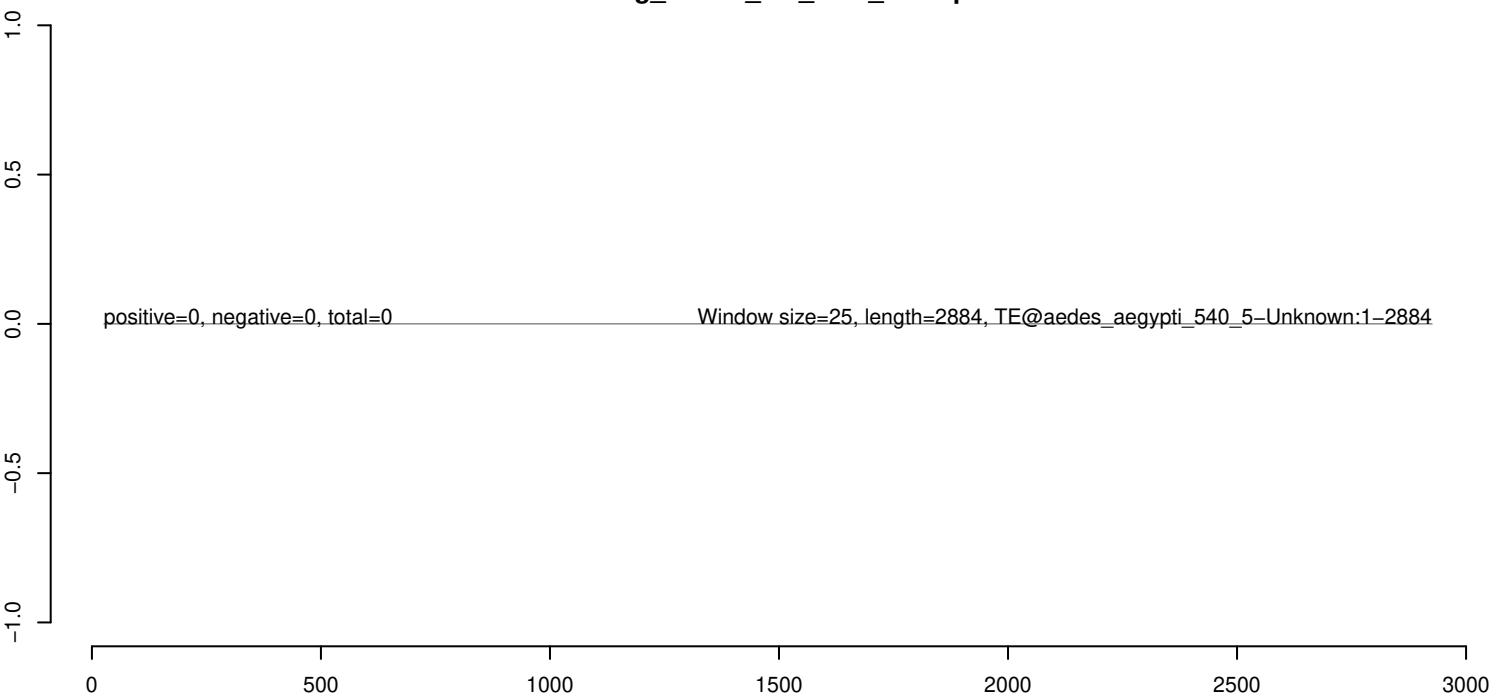
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

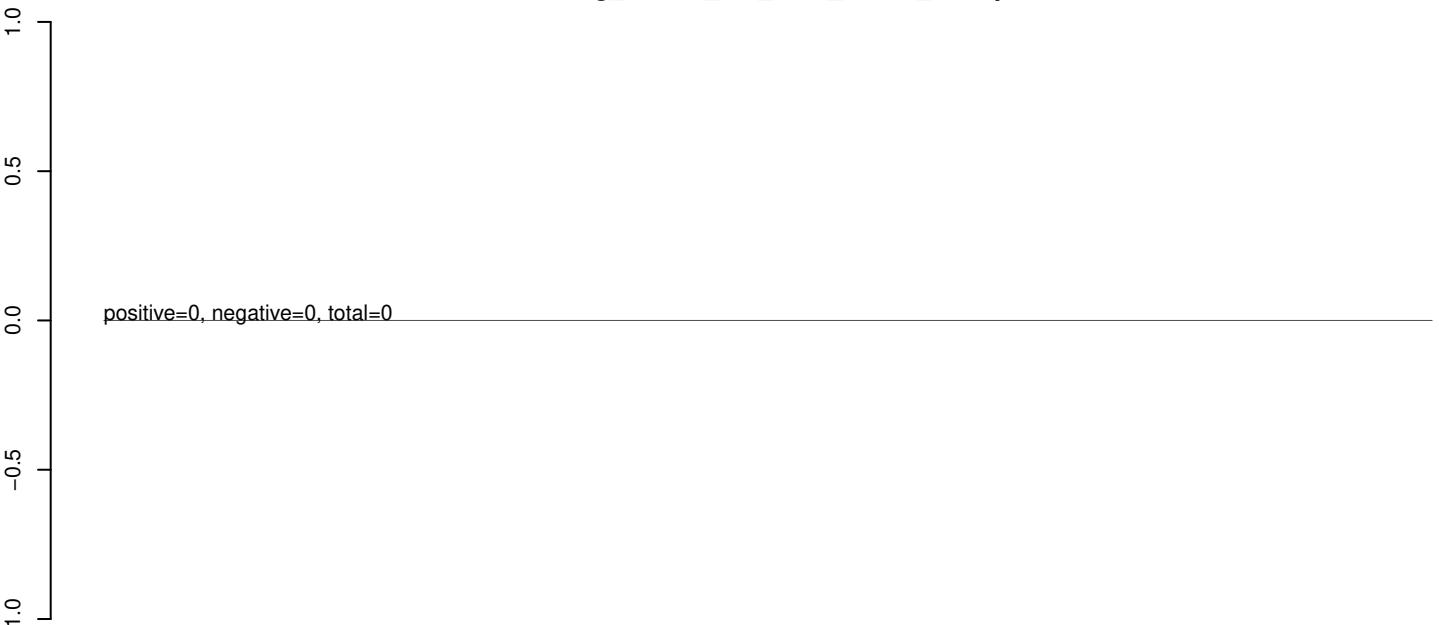
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

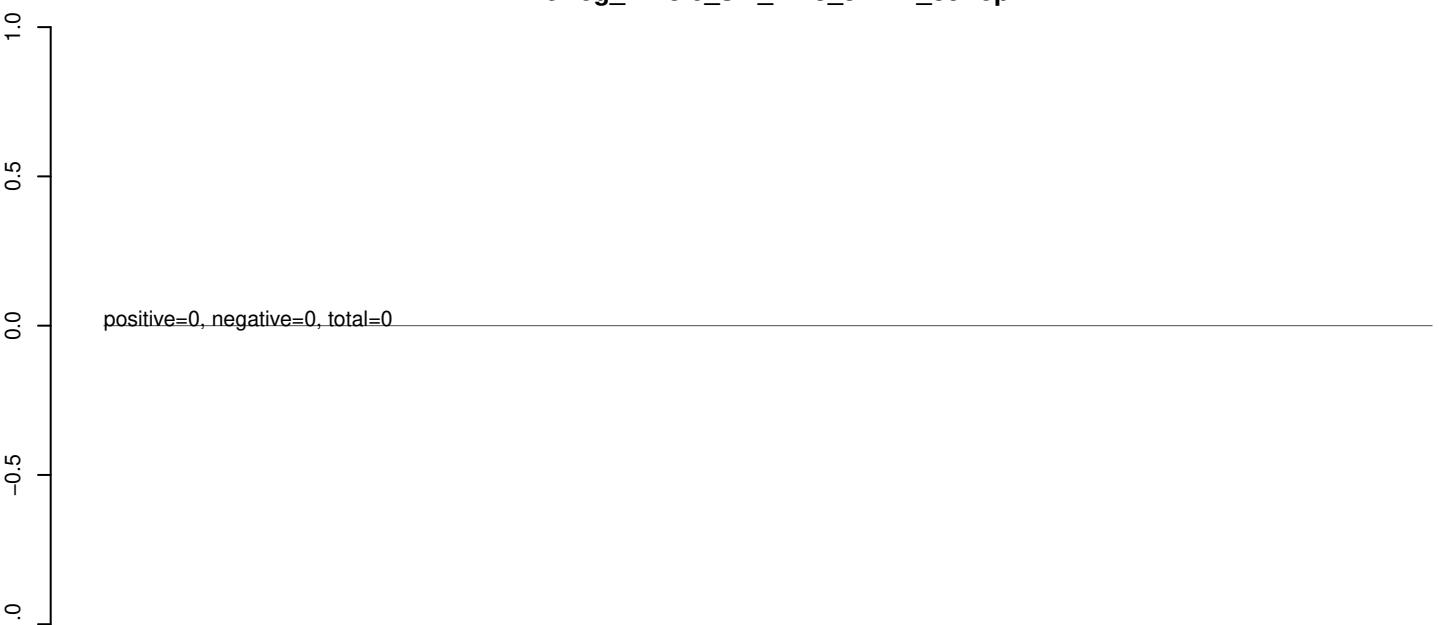
Window size=25, length=1195, TE@aedes\_aegypti\_526\_7-Unknown:1-1195

0 200 400 600 800 1000 1200

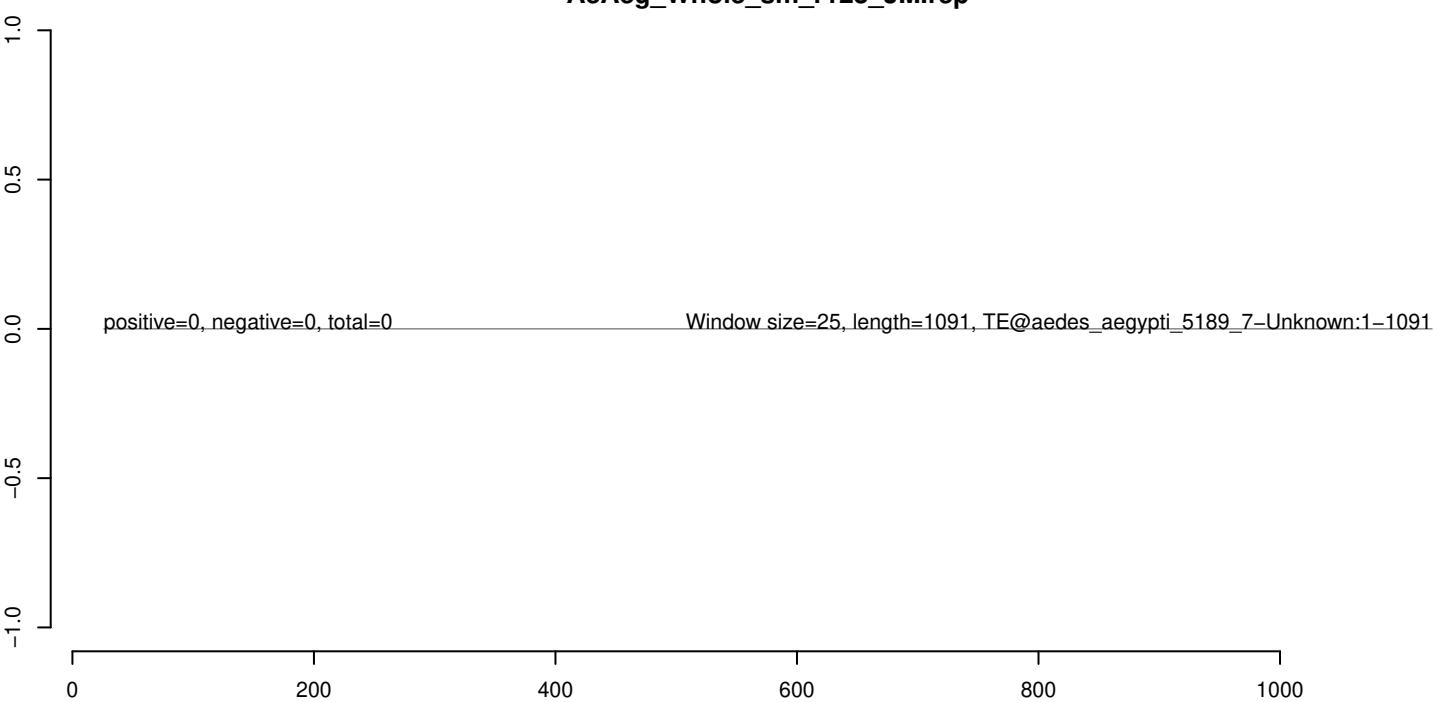
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



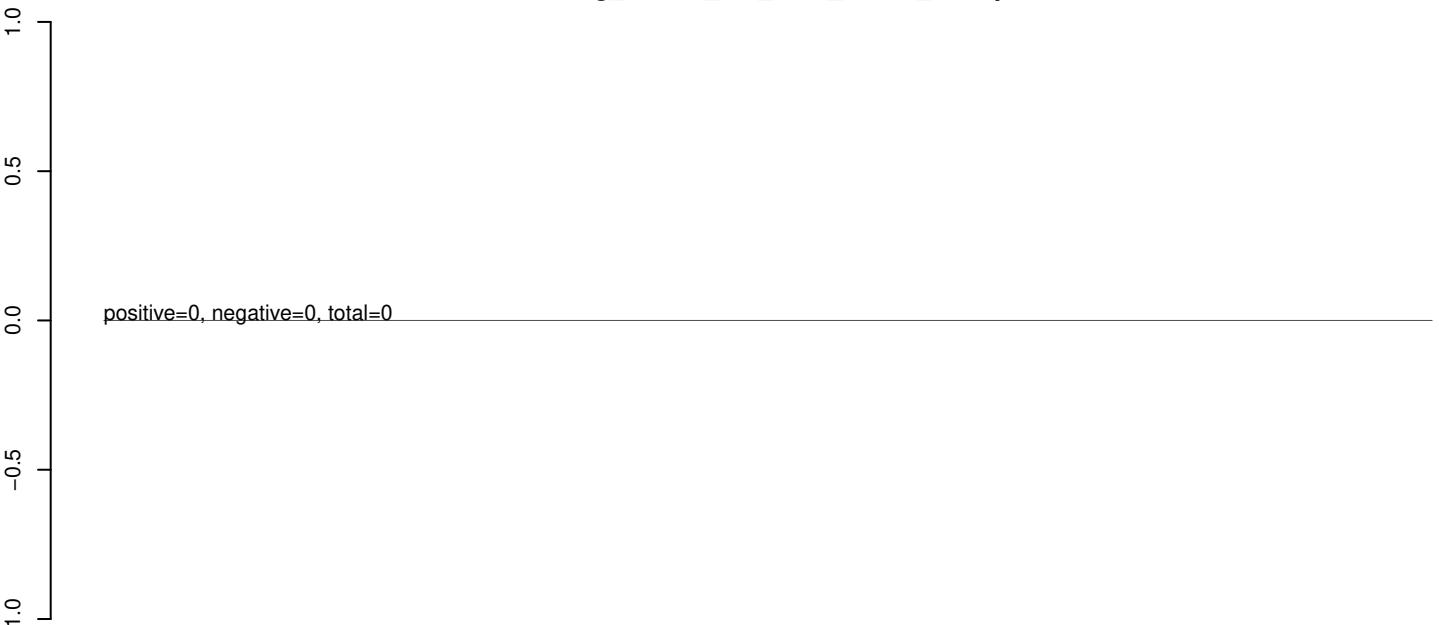
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



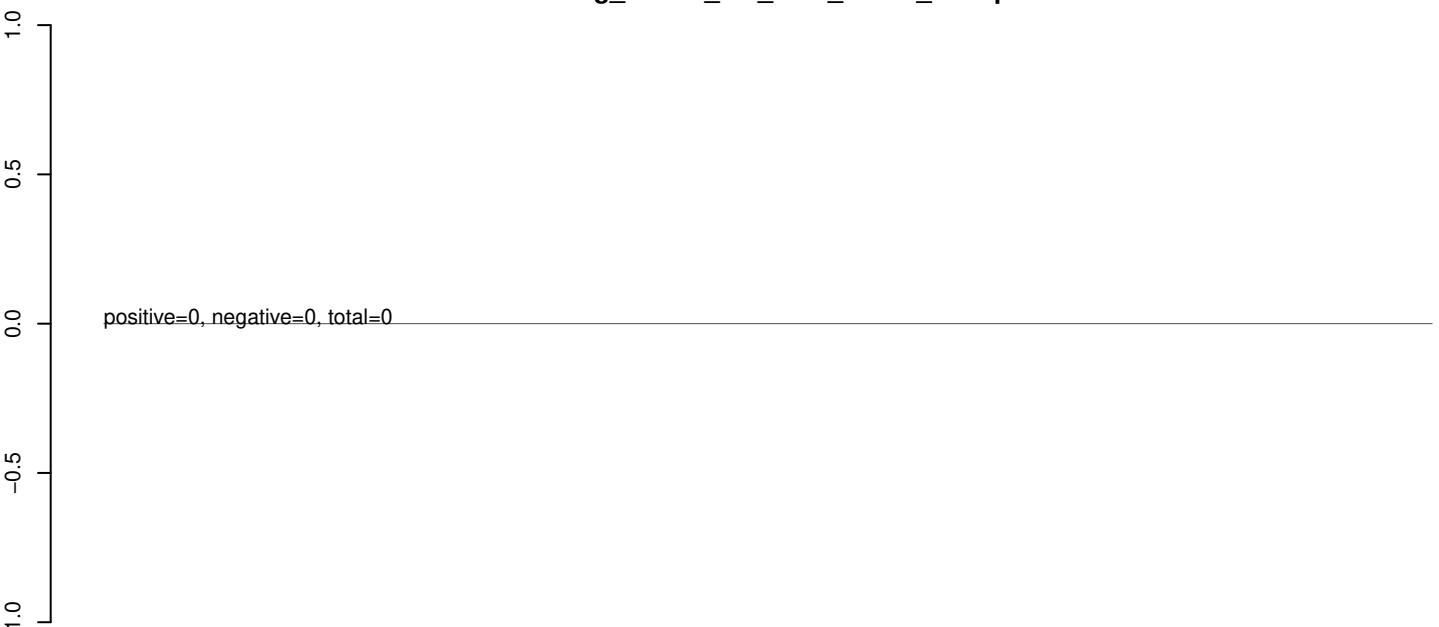
**AeAeg\_Whole\_sm\_r123\_JM.rep**



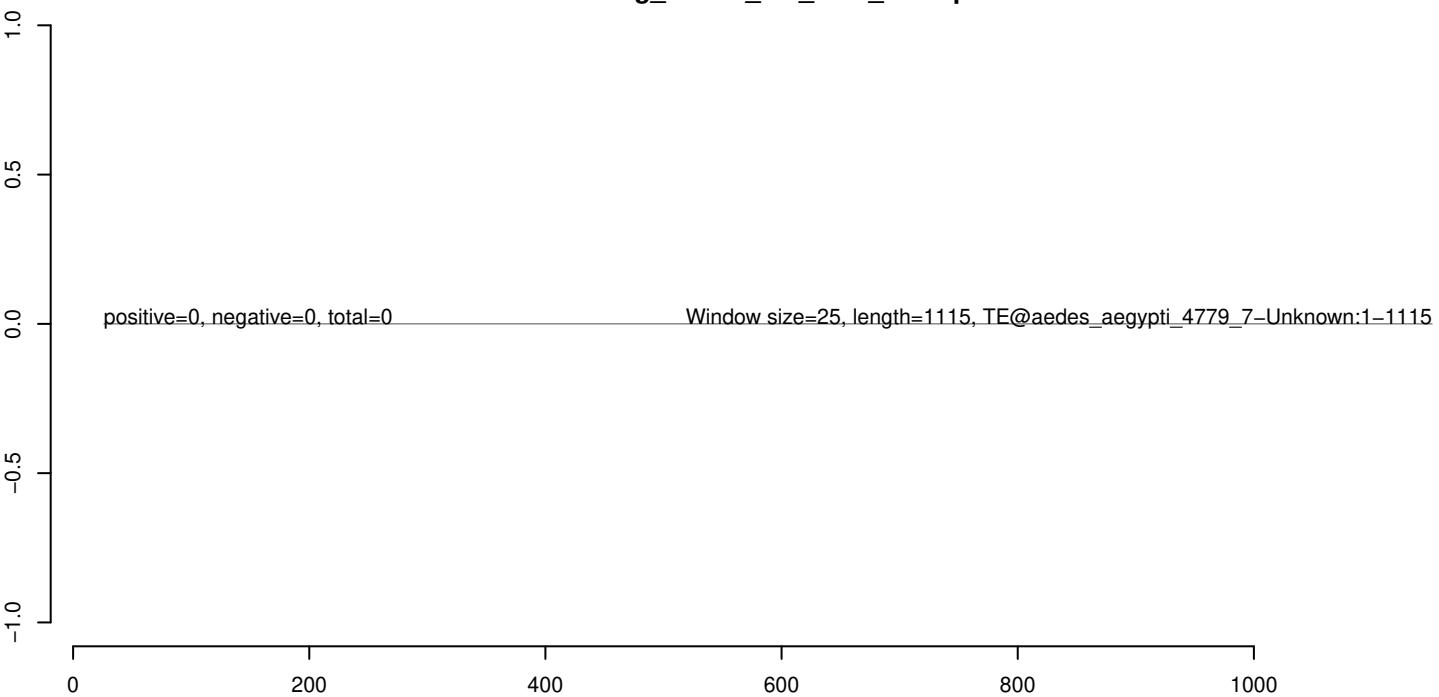
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

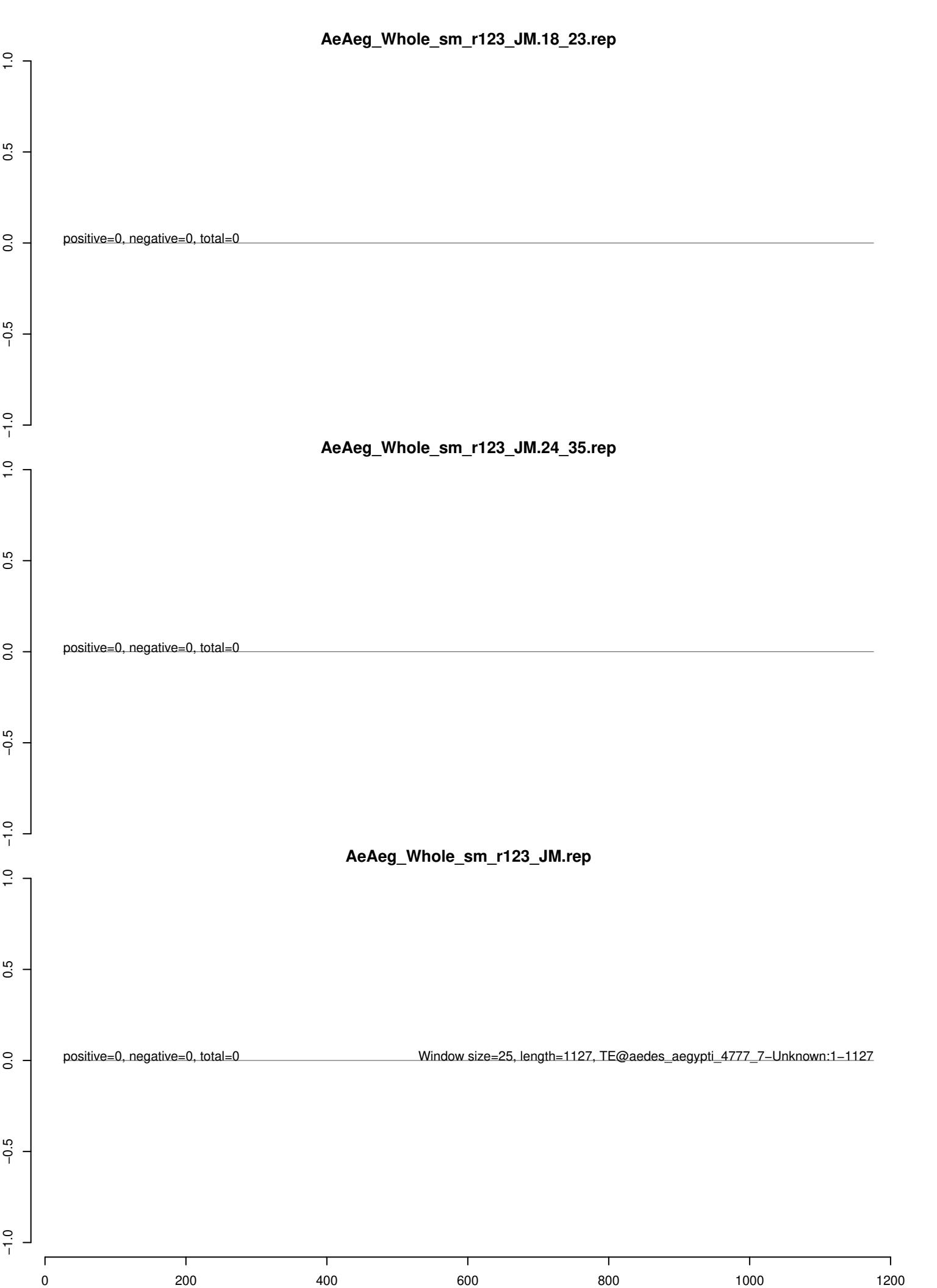
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

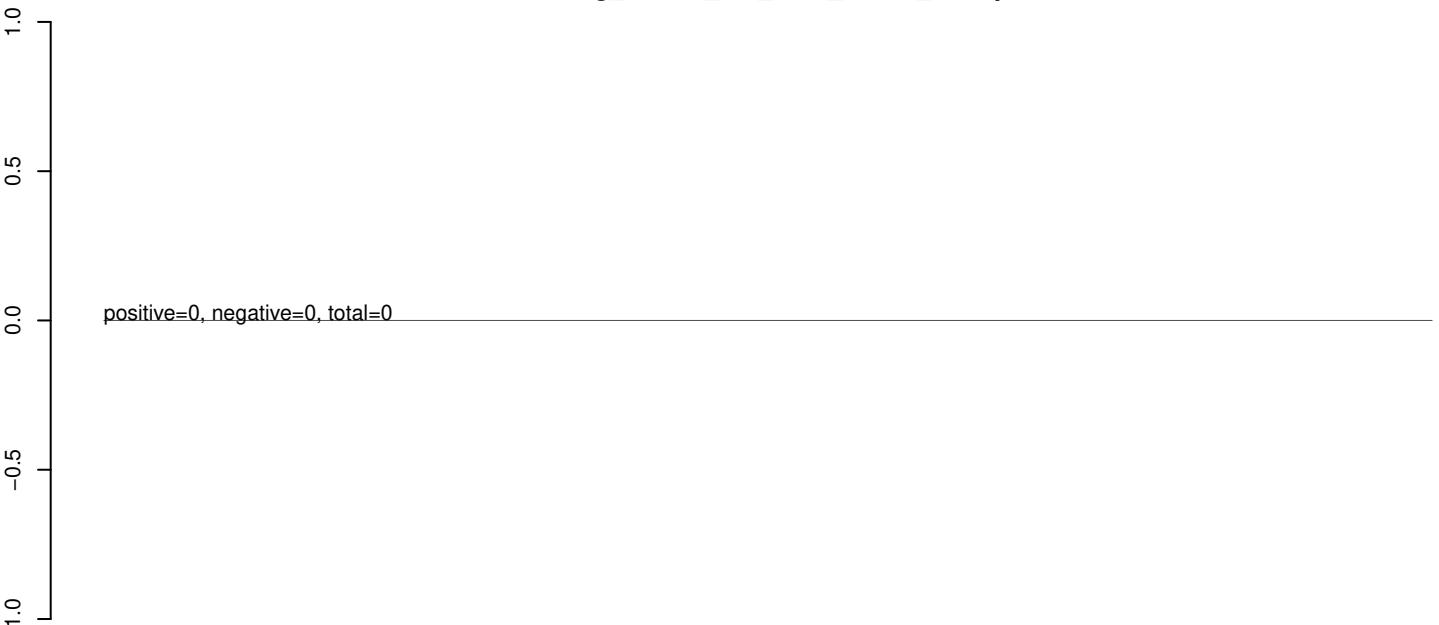
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

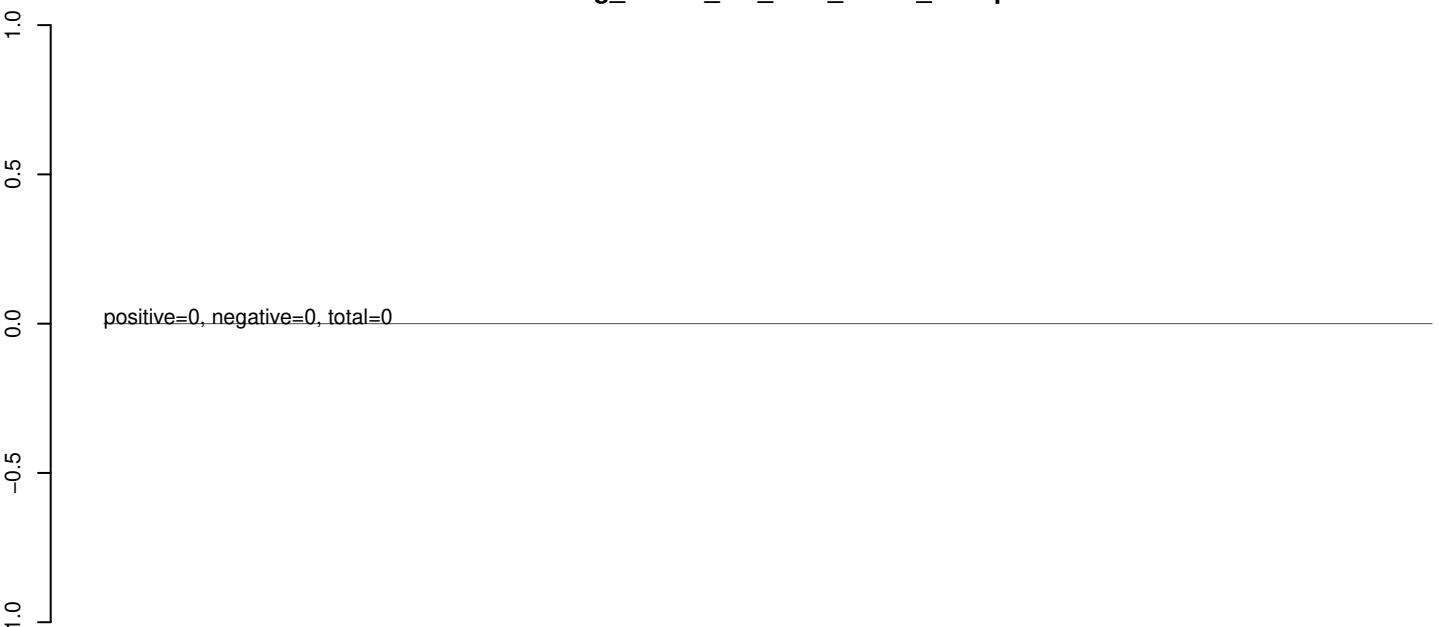
Window size=25, length=1127, TE@aedes\_aegypti\_4777\_7-Unknown:1-1127



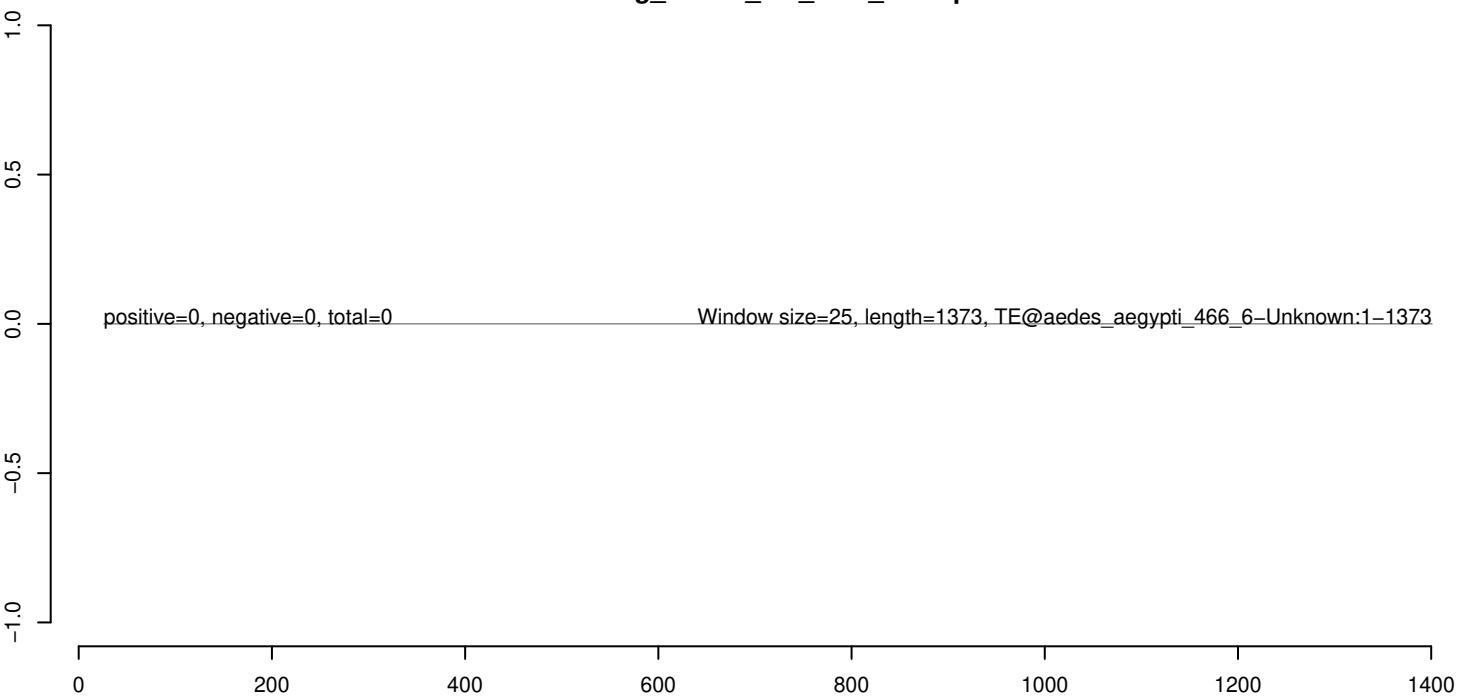
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



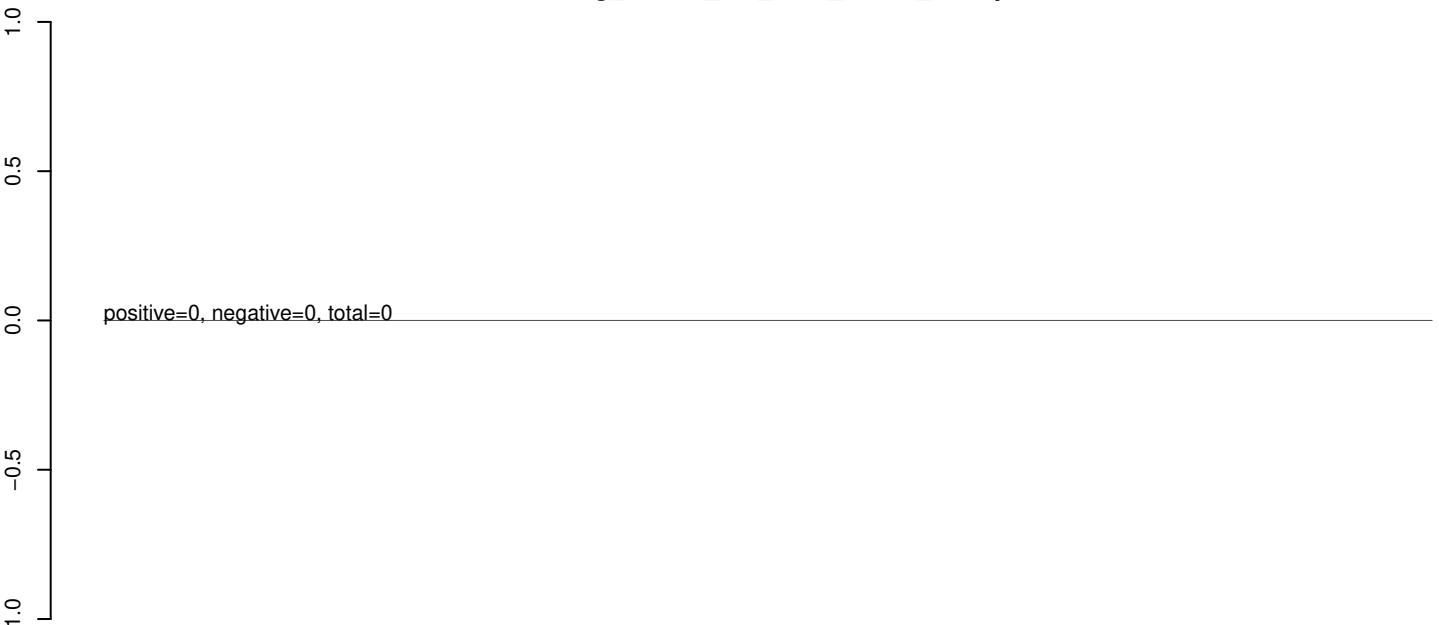
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



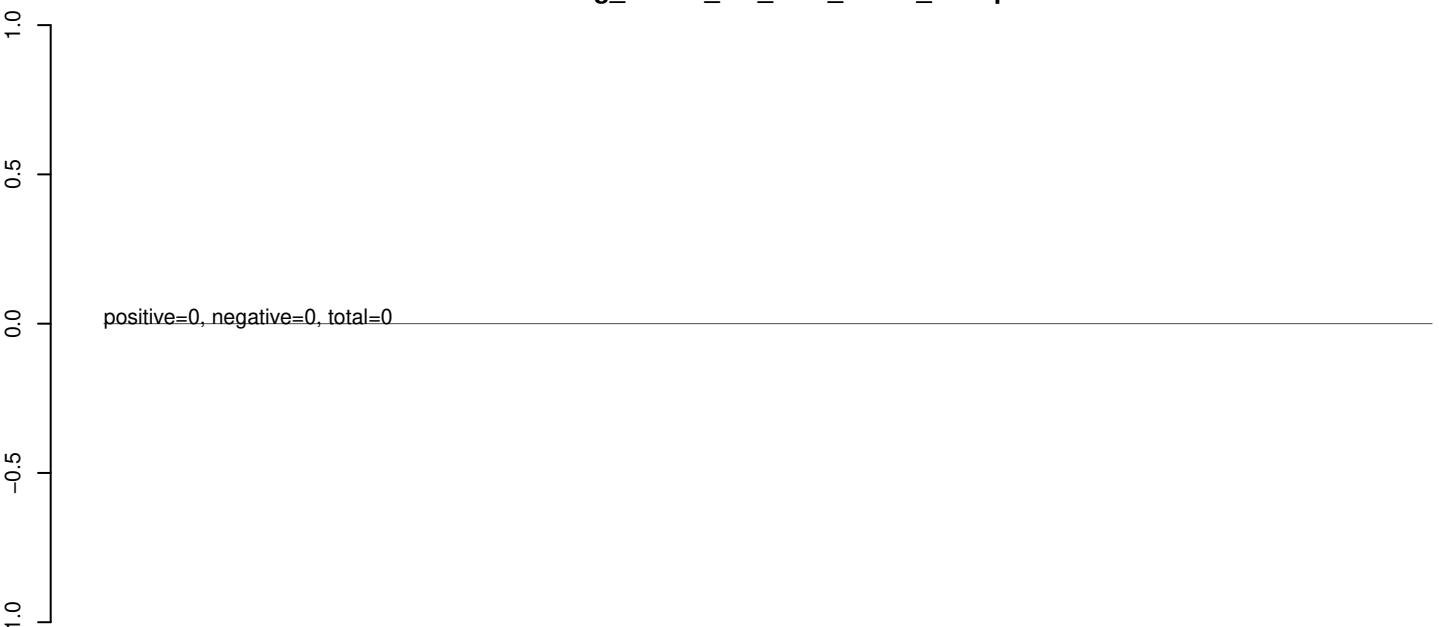
### AeAeg\_Whole\_sm\_r123\_JM.rep



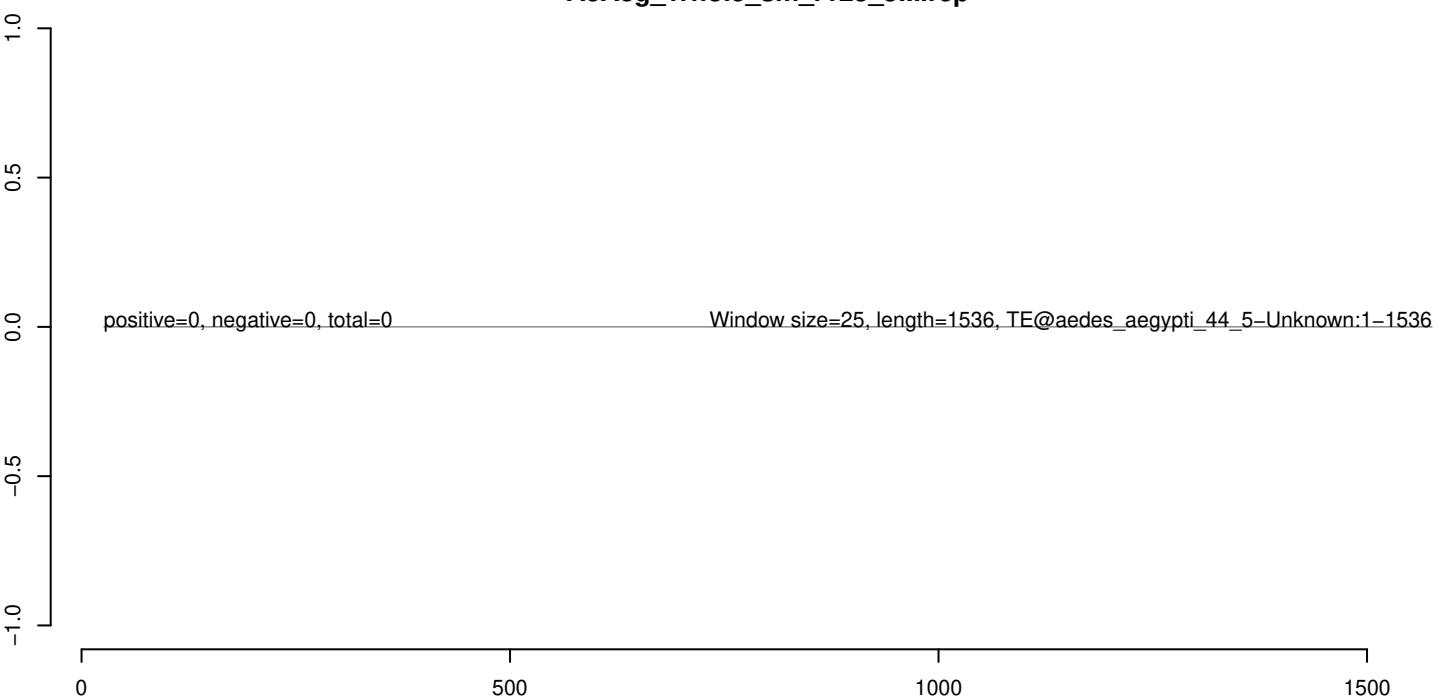
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

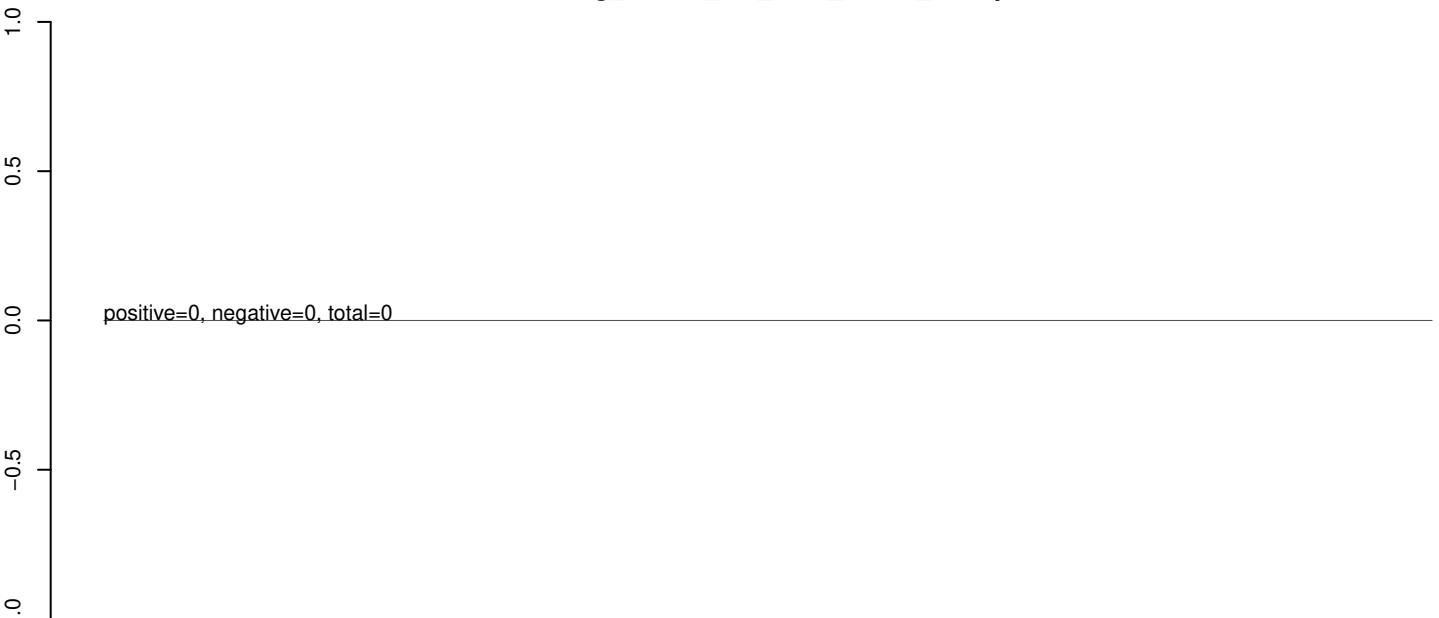


**AeAeg\_Whole\_sm\_r123\_JM.rep**

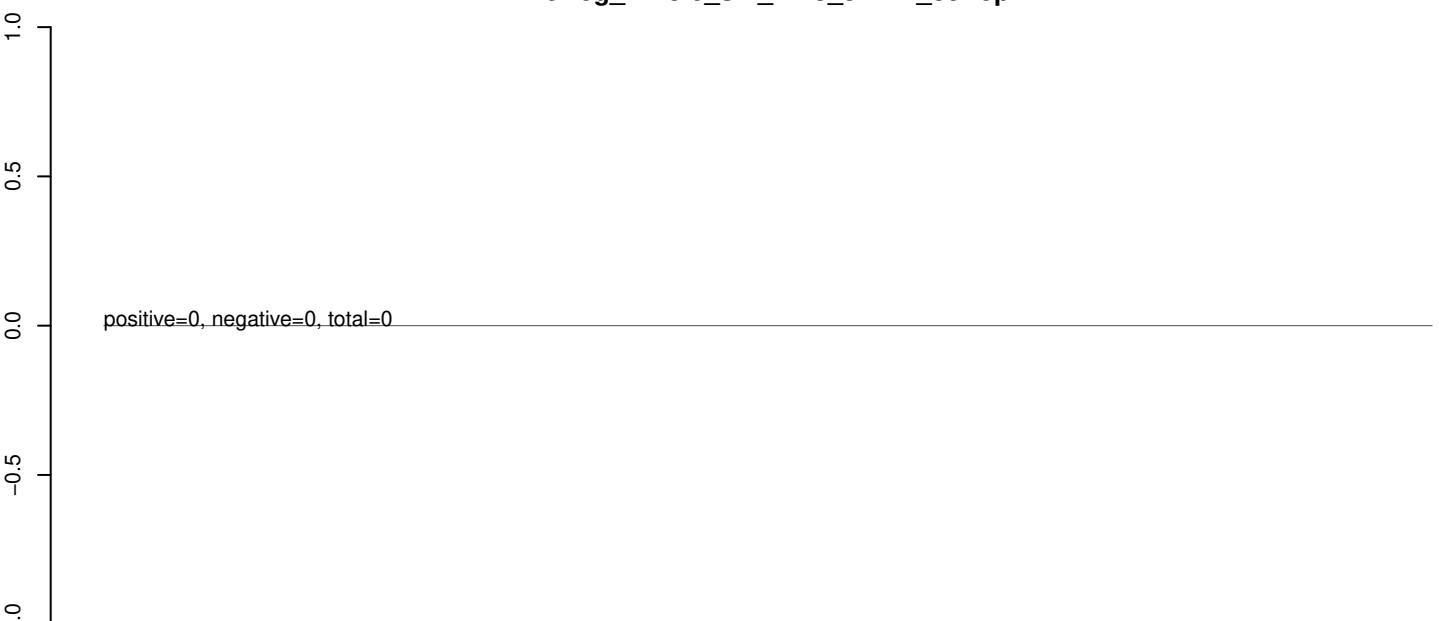


0 500 1000 1500

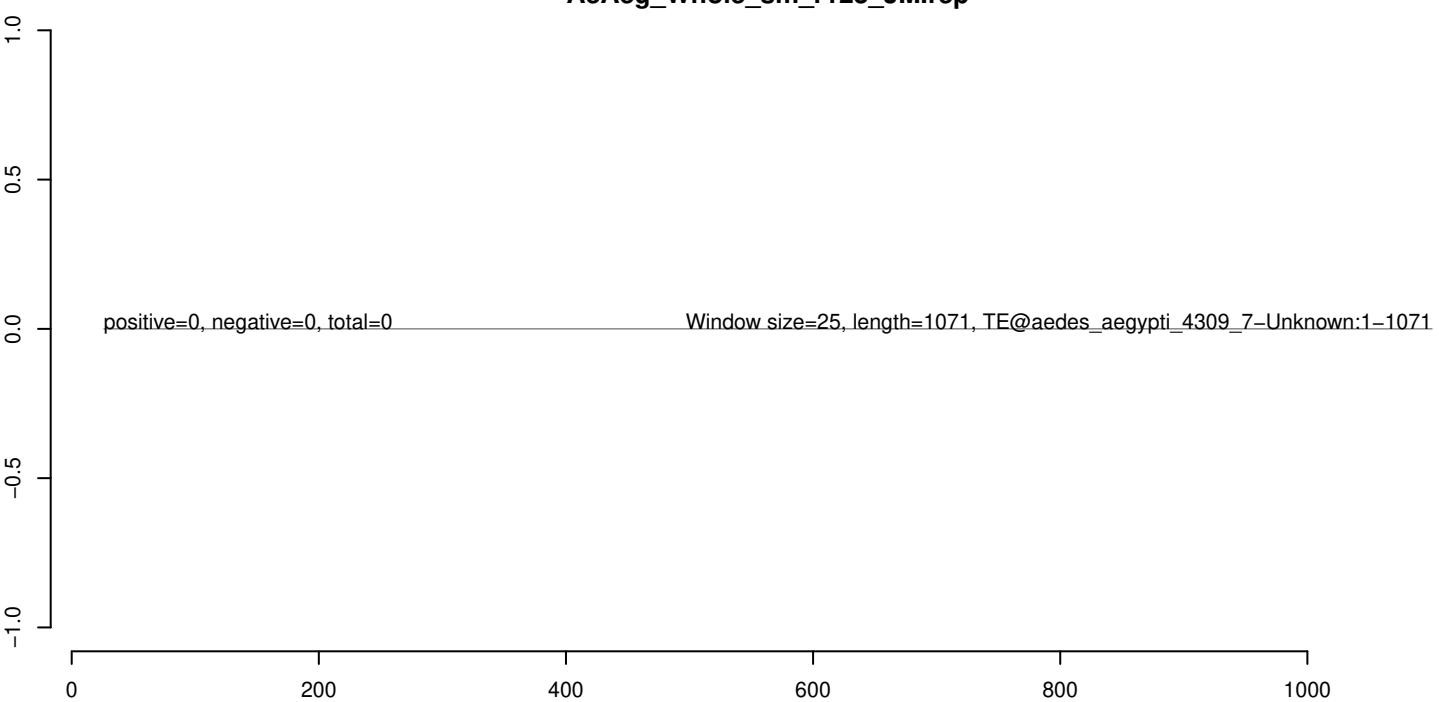
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



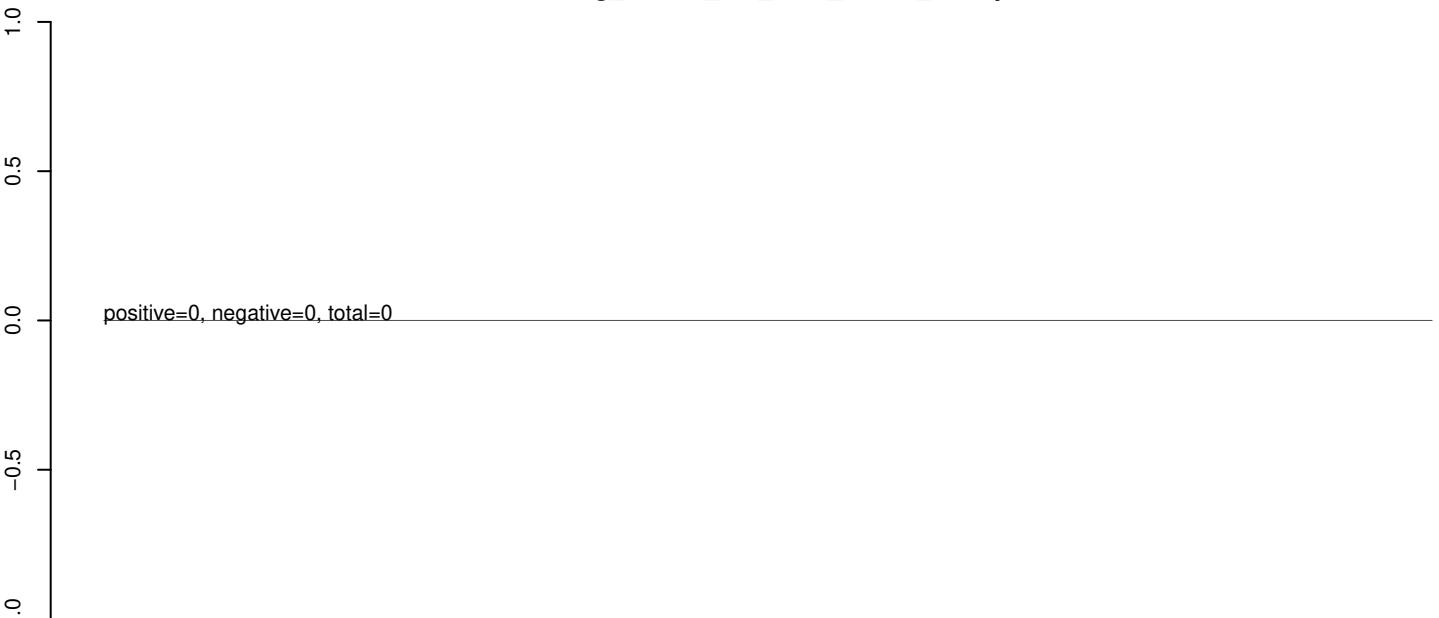
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



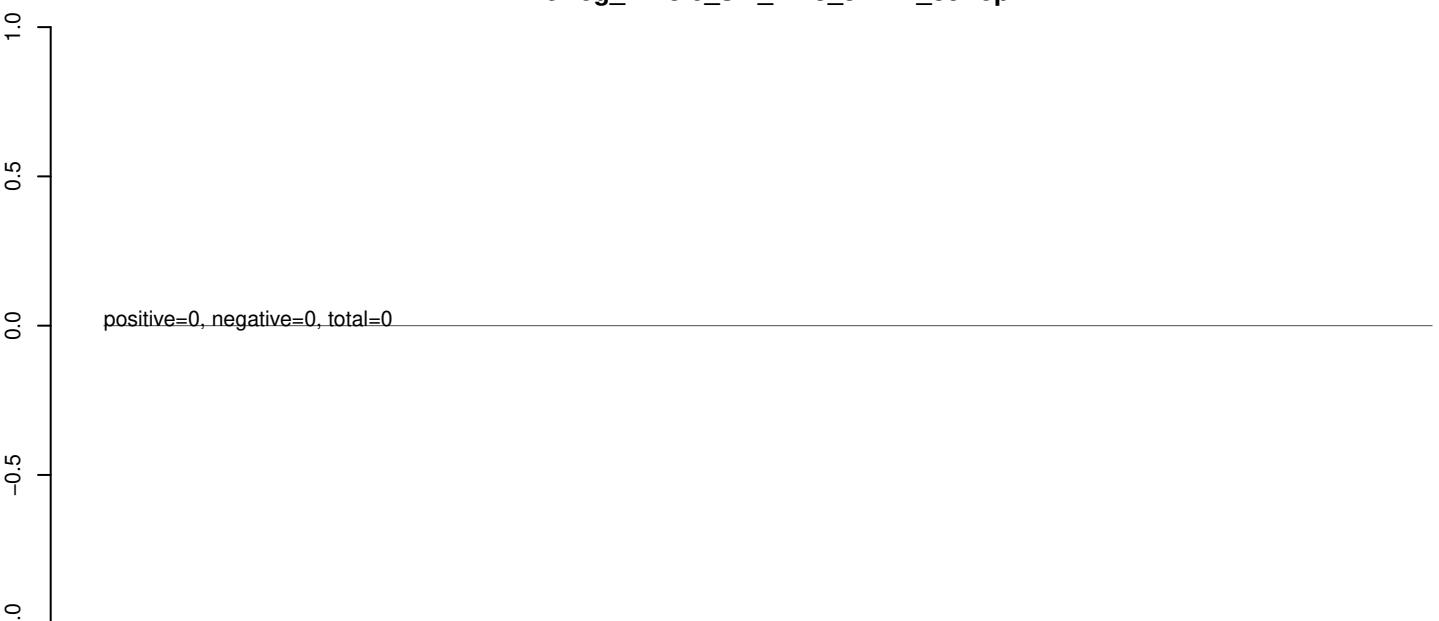
**AeAeg\_Whole\_sm\_r123\_JM.rep**



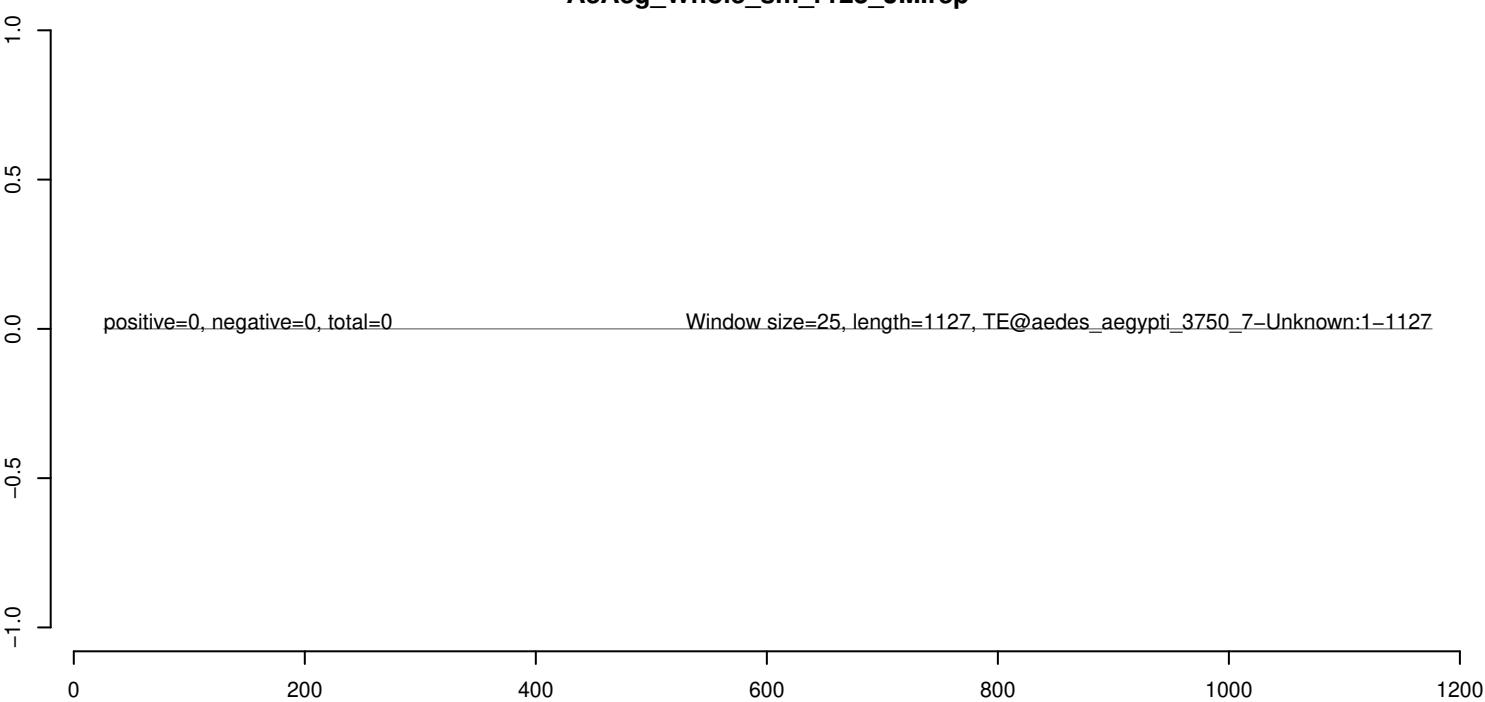
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1186, TE@aedes\_aegypti\_3172\_7-Unknown:1-1186

0 200 400 600 800 1000 1200

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1156, TE@aedes\_aegypti\_296\_6-Unknown:1-1156

0 200 400 600 800 1000 1200

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

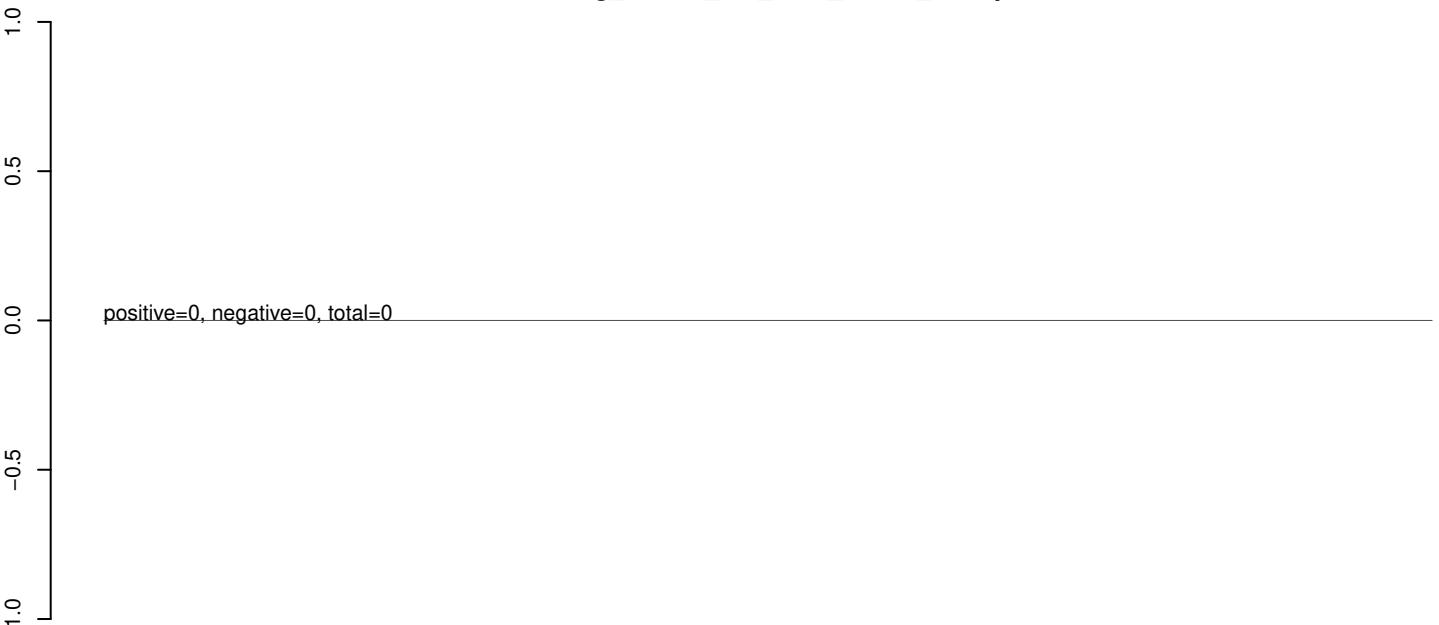
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

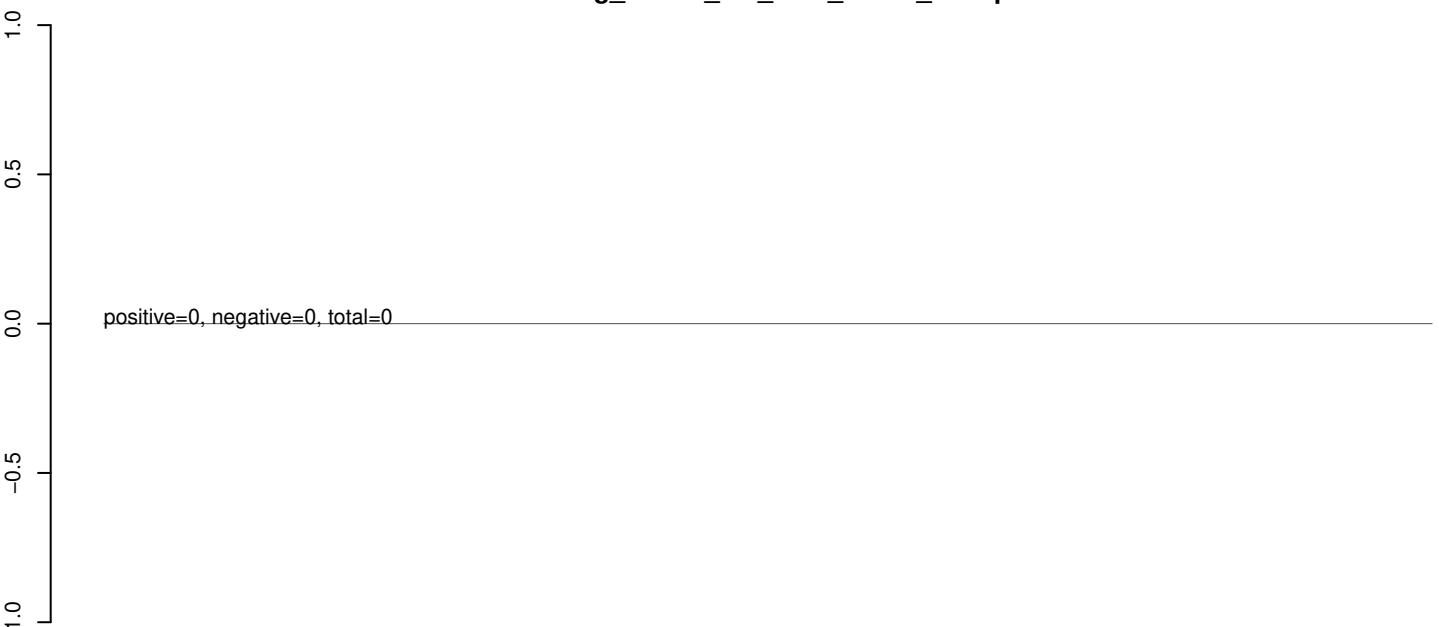
positive=0, negative=0, total=0

Window size=25, length=1444, TE@aedes\_aegypti\_2863\_7-Unknown:1-1444

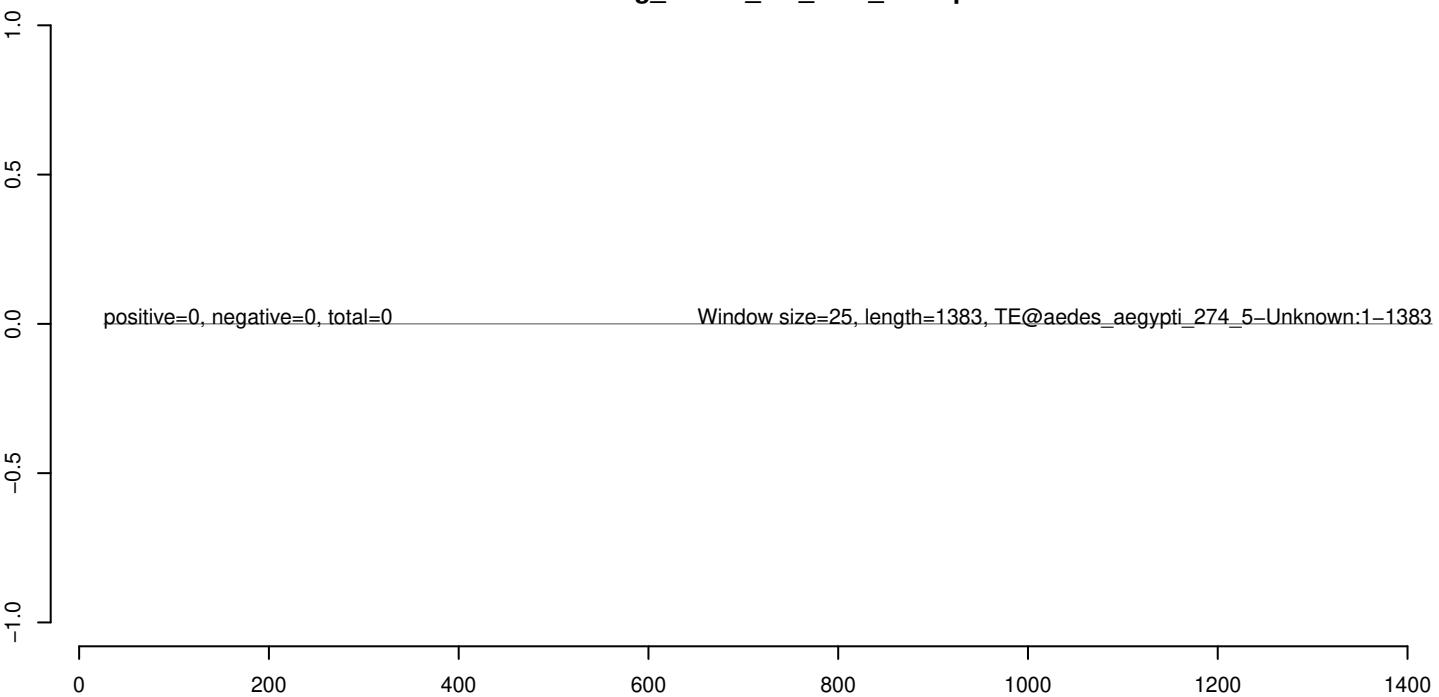
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



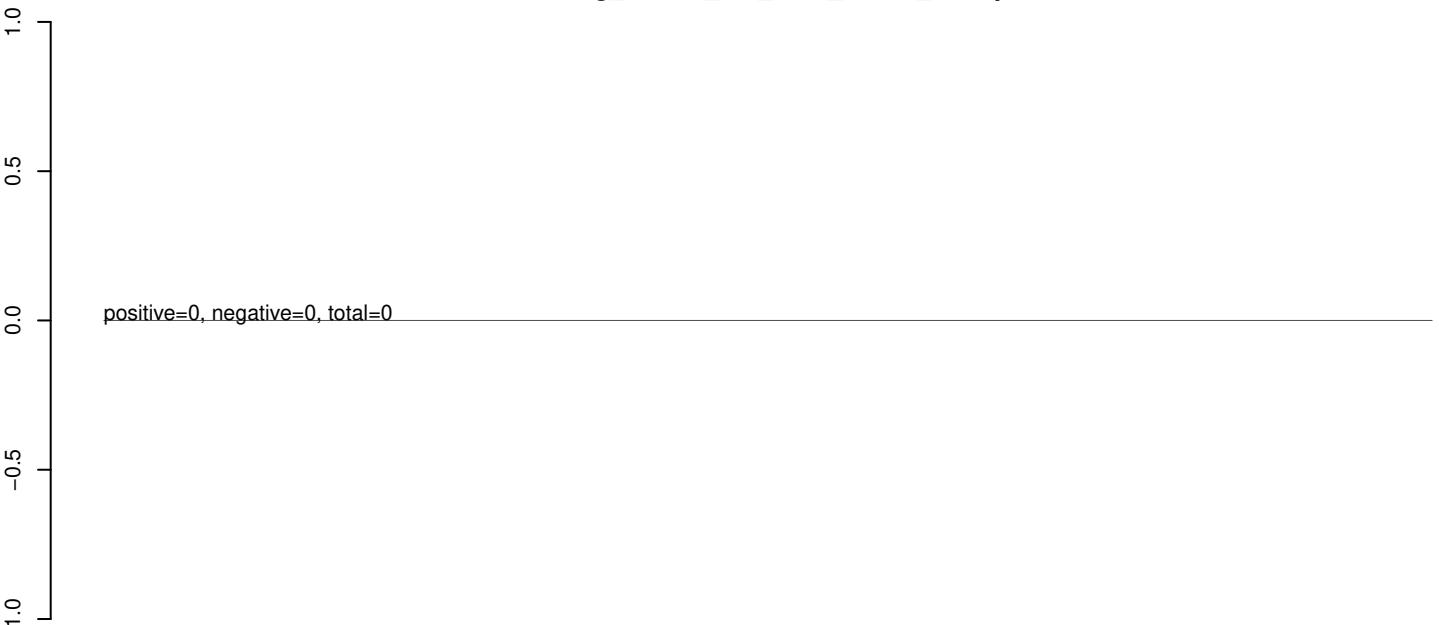
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



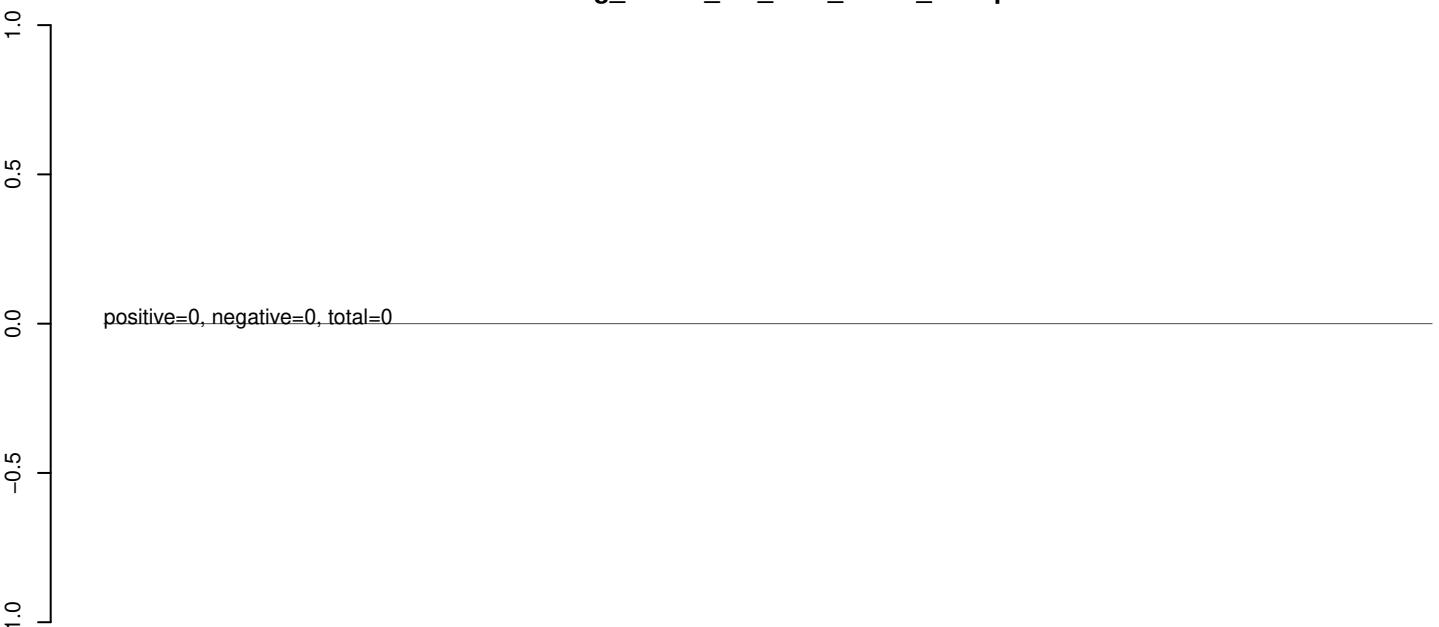
**AeAeg\_Whole\_sm\_r123\_JM.rep**



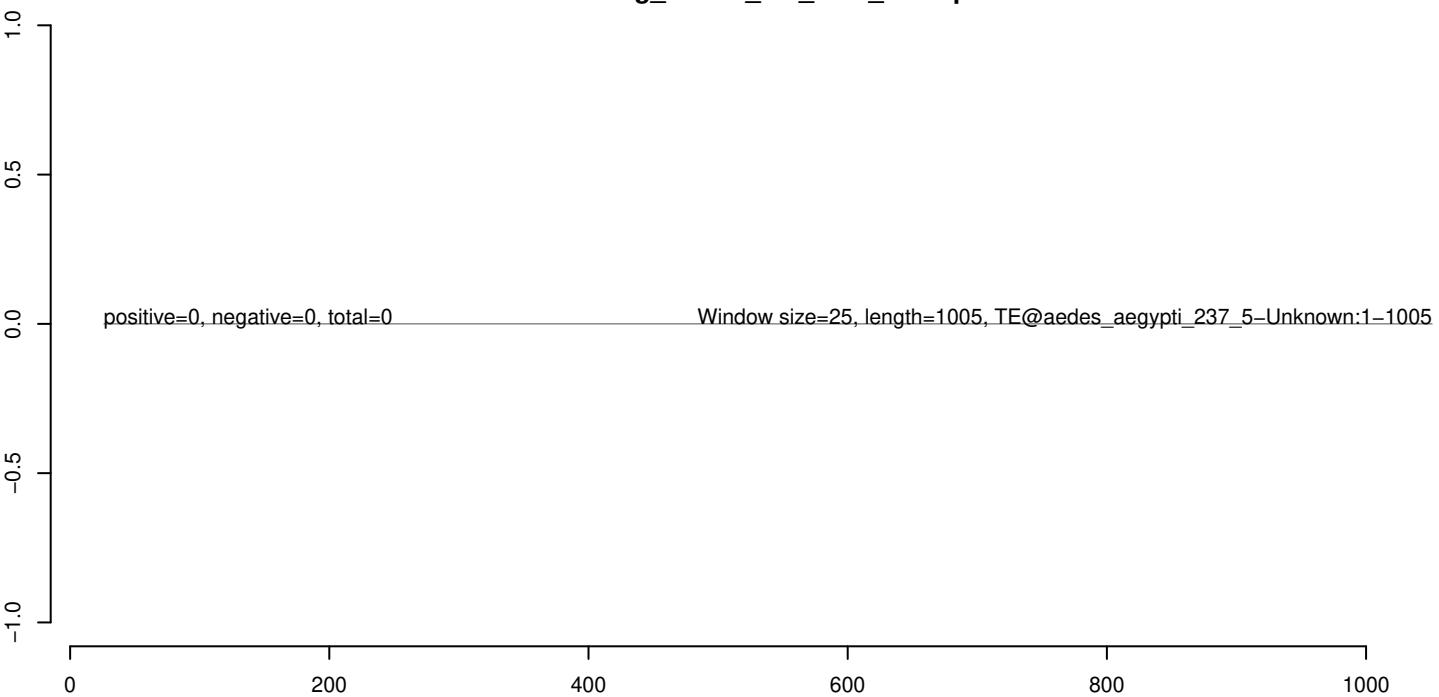
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1286, TE@aedes\_aegypti\_2346\_7-Unknown:1-1286

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

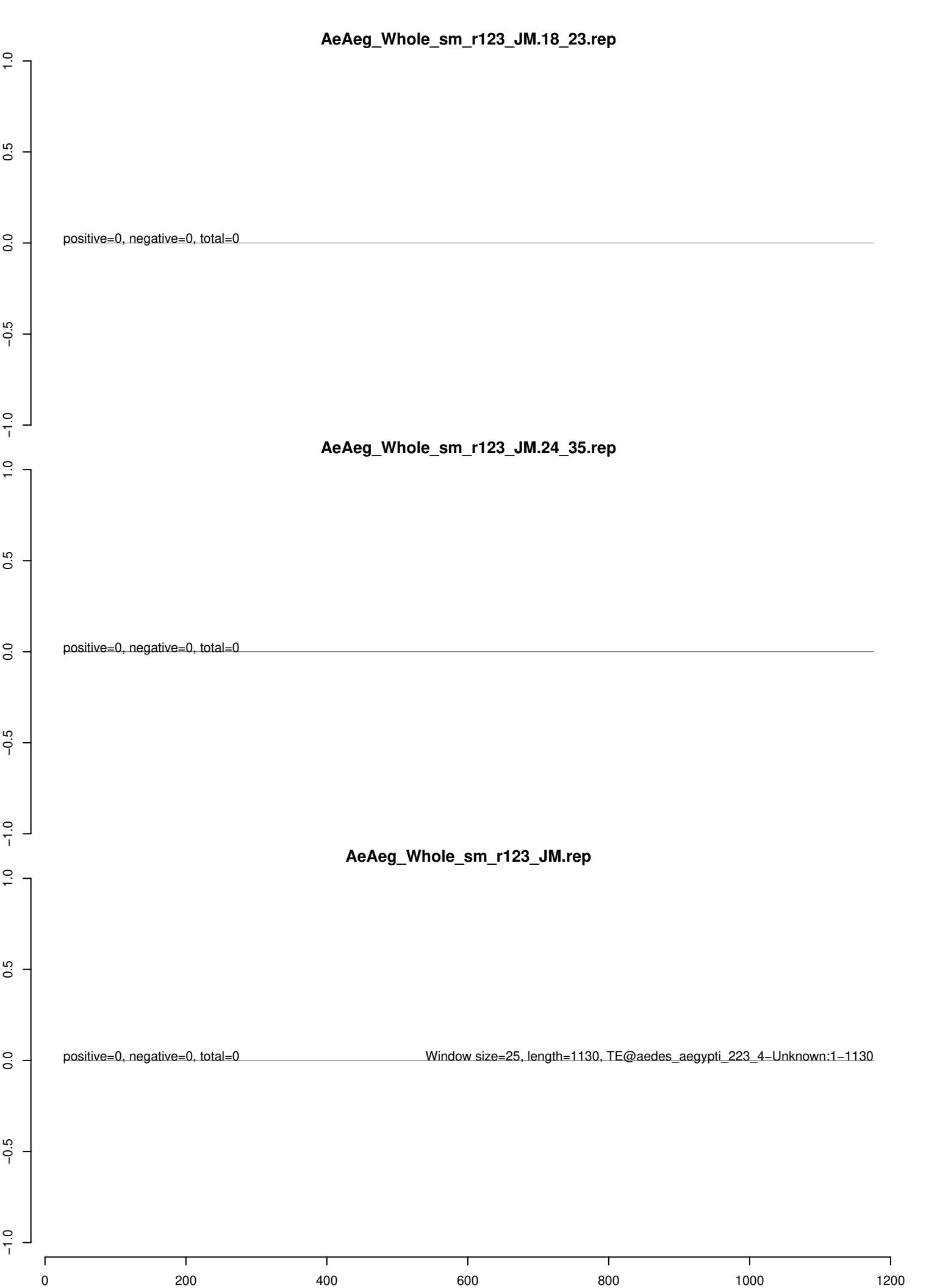
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1130, TE@aedes\_aegypti\_223\_4-Unknown:1-1130



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

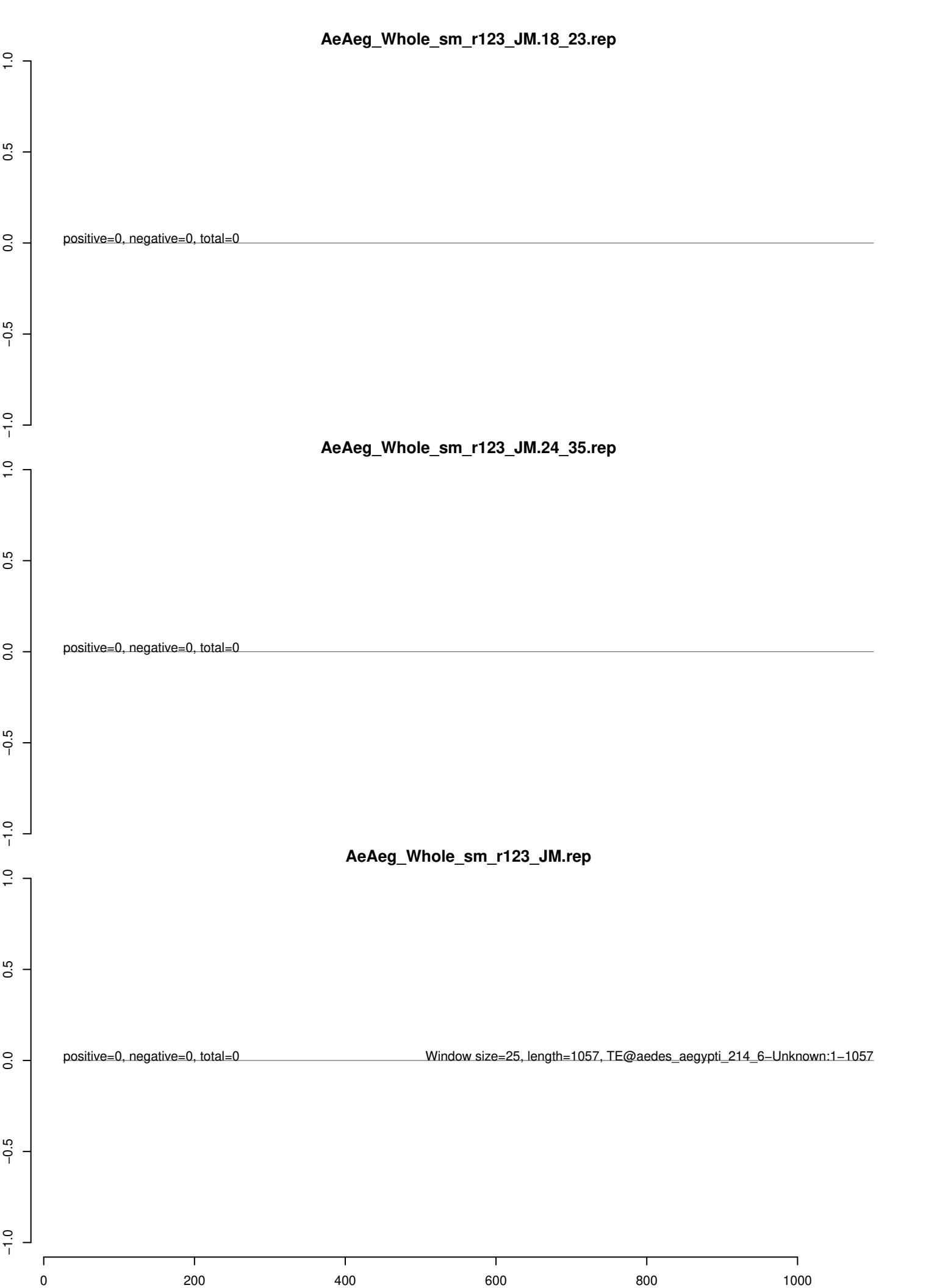
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1057, TE@aedes\_aegypti\_214\_6-Unknown:1-1057



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

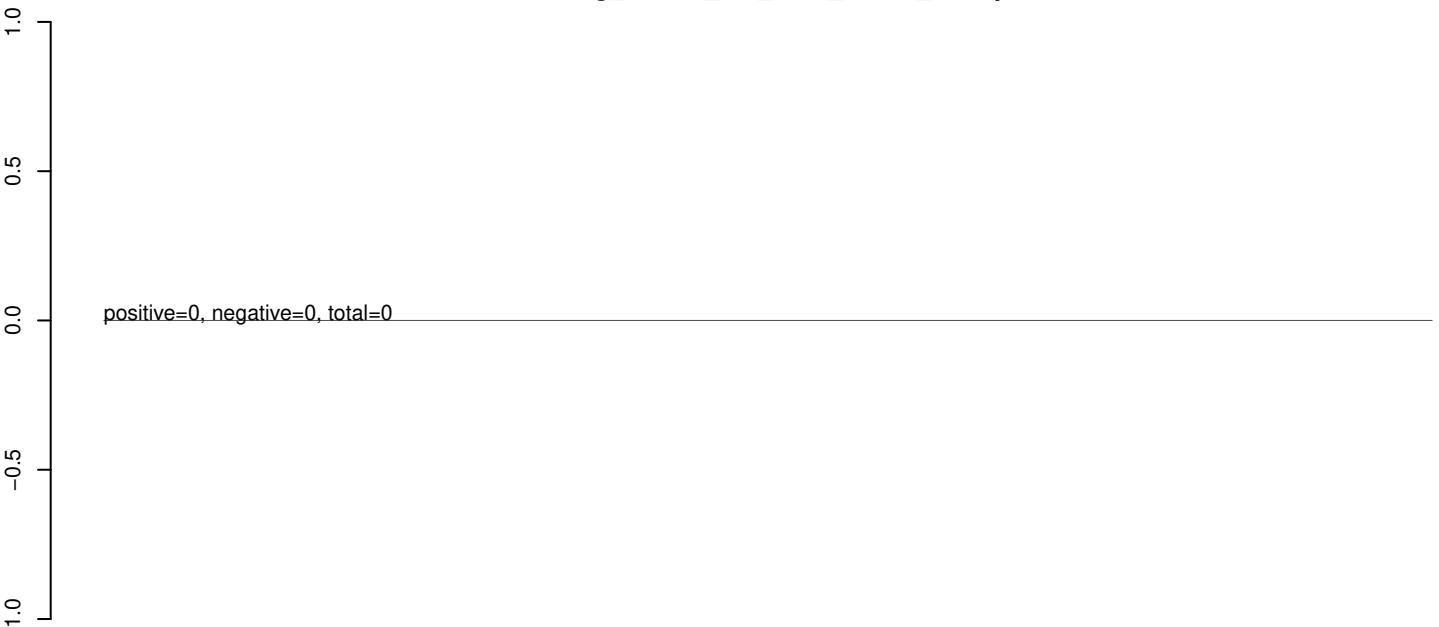
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

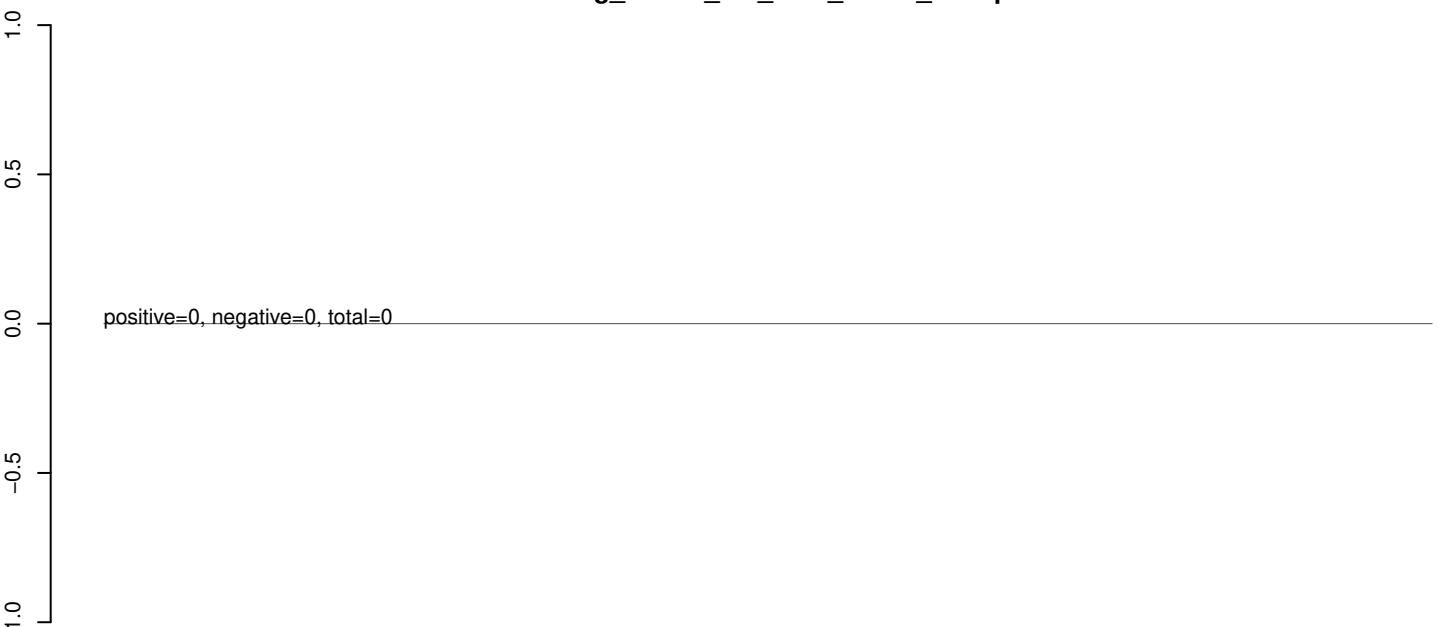
positive=0, negative=0, total=0

Window size=25, length=1425, TE@aedes\_aegypti\_194\_5-Unknown:1-1425

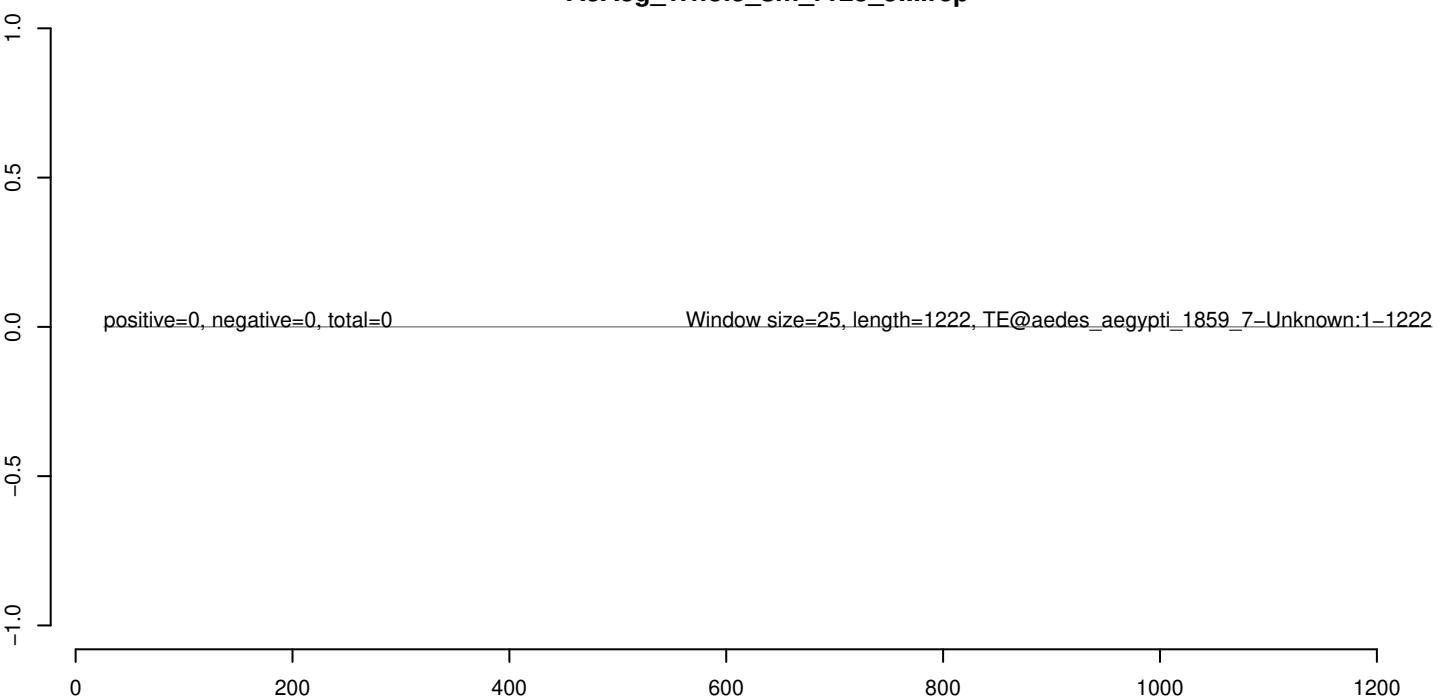
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

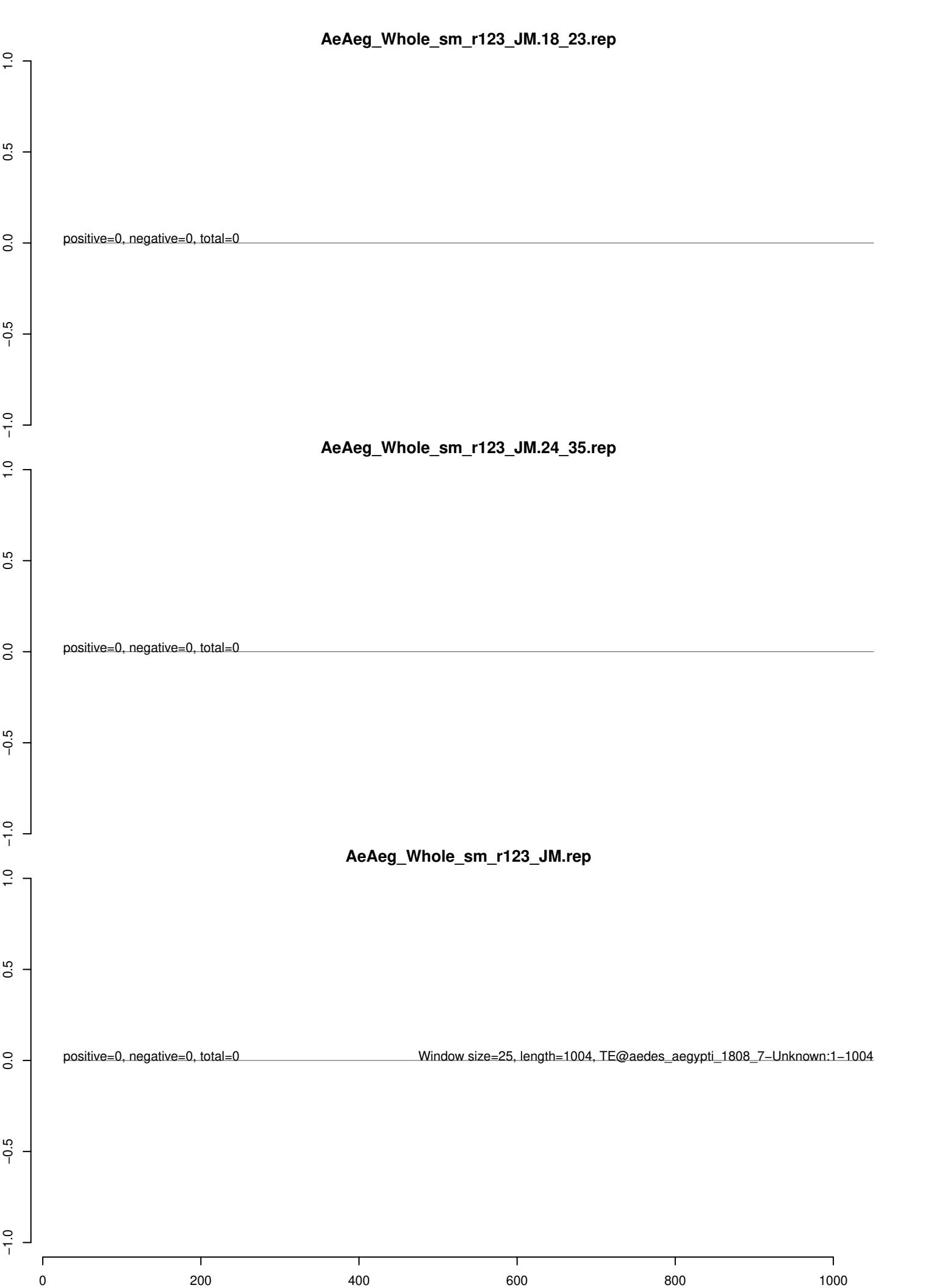
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1004, TE@aedes\_aegypti\_1808\_7-Unknown:1-1004



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1181, TE@aedes\_aegypti\_1788\_6-Unknown:1-1181

0 200 400 600 800 1000 1200

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

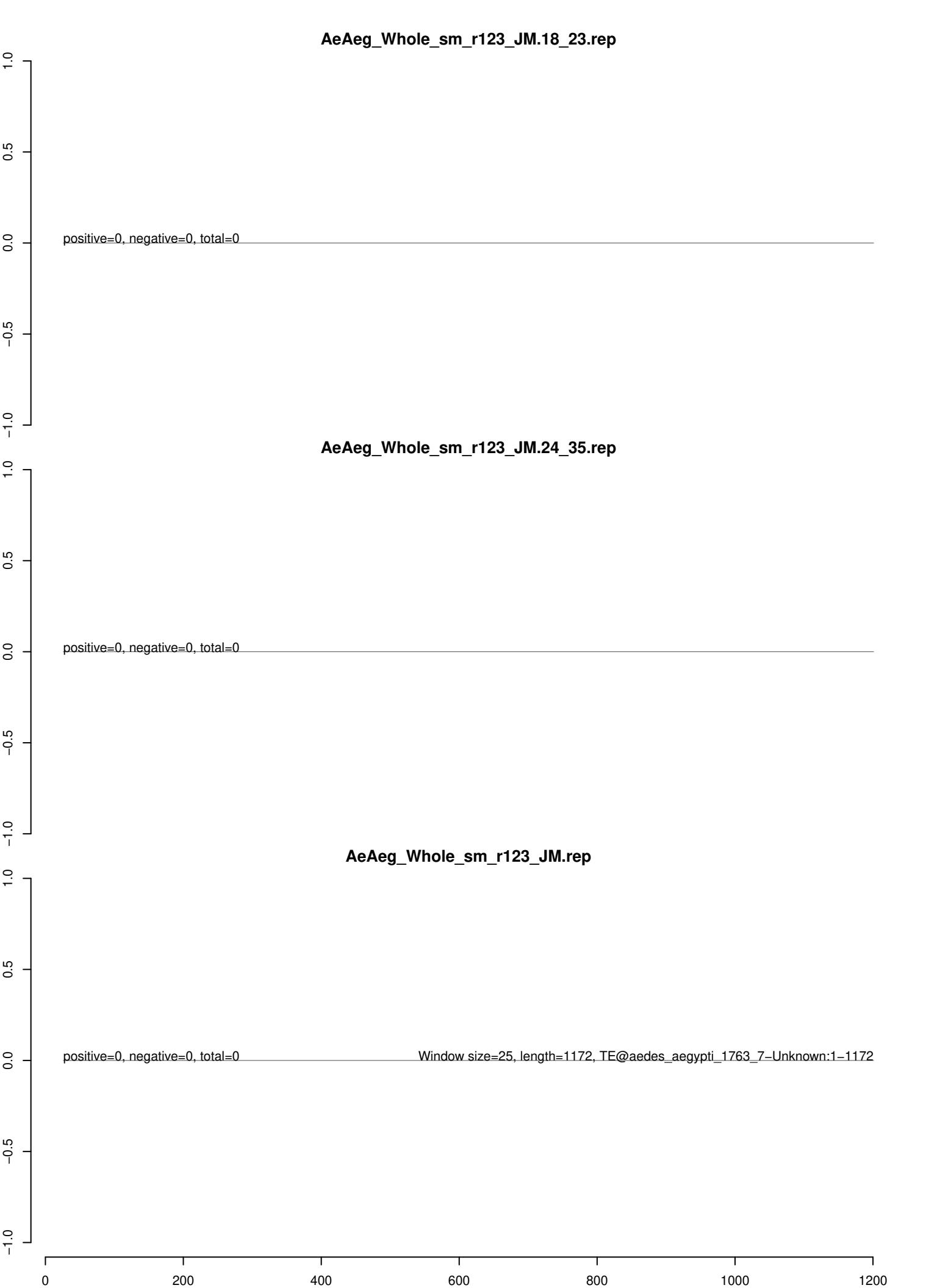
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

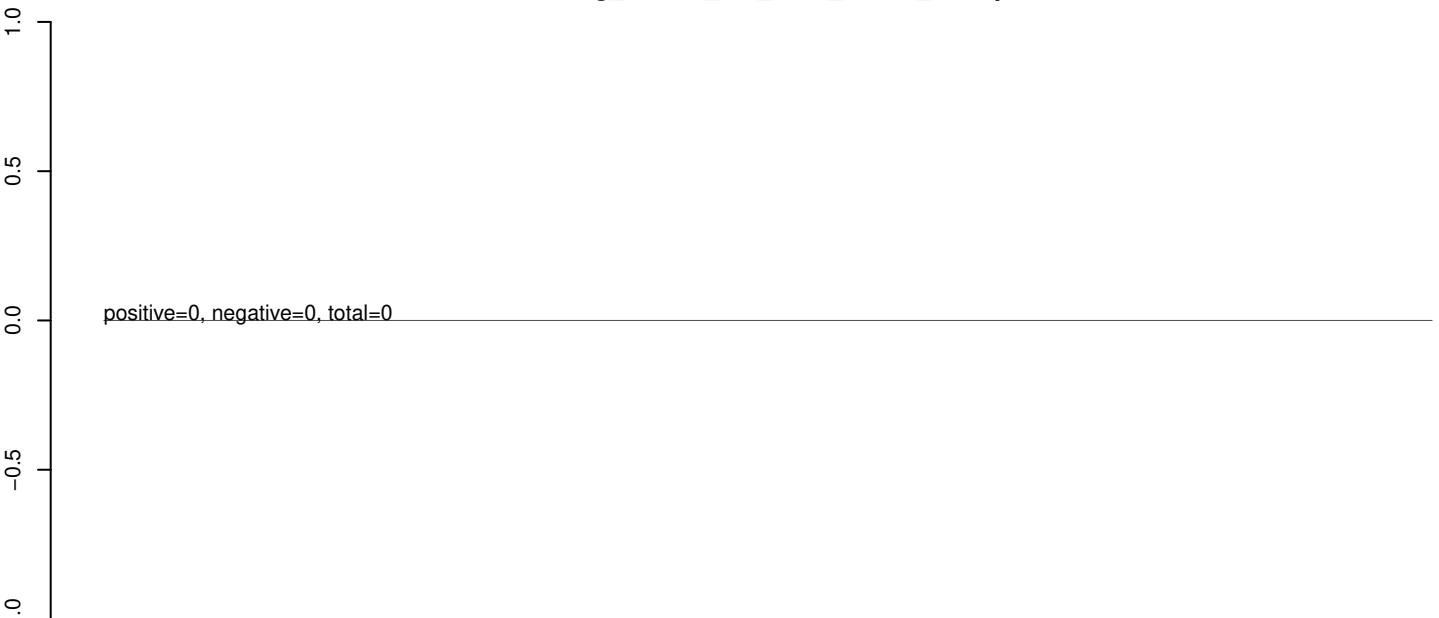
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

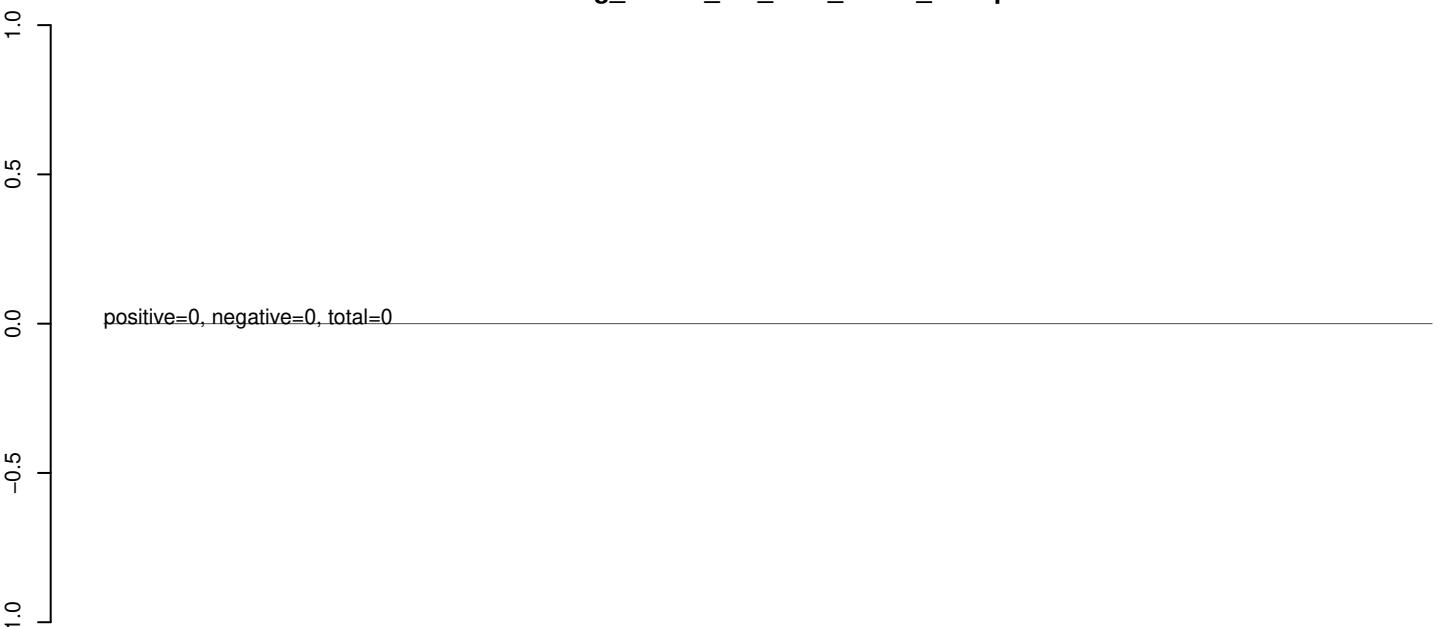
Window size=25, length=1172, TE@aedes\_aegypti\_1763\_7-Unknown:1-1172



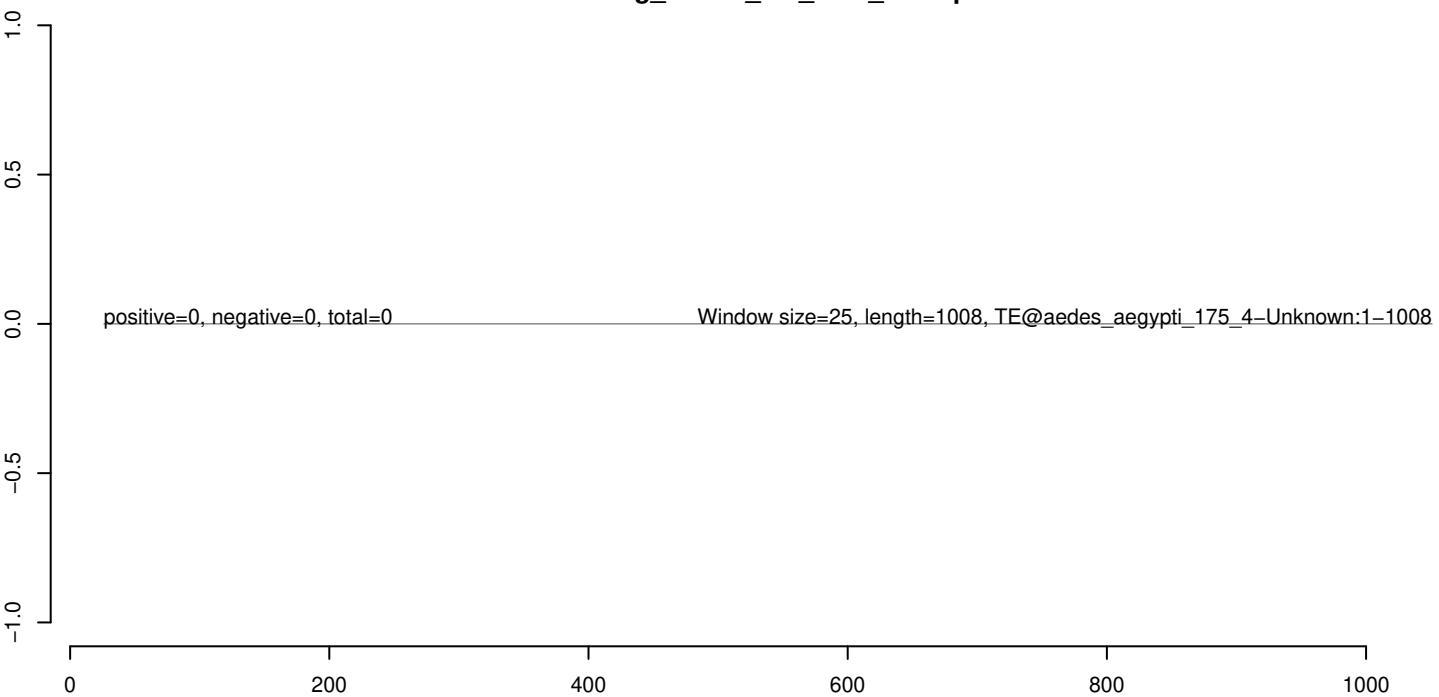
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

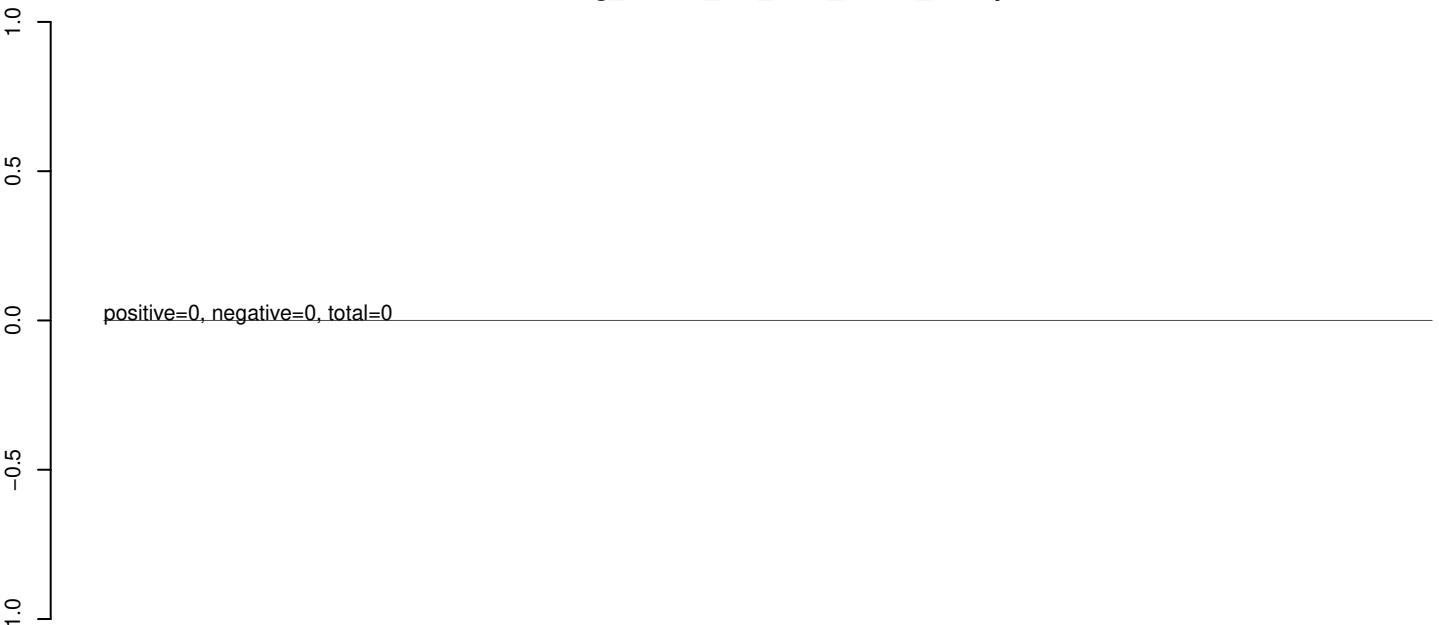


### AeAeg\_Whole\_sm\_r123\_JM.rep

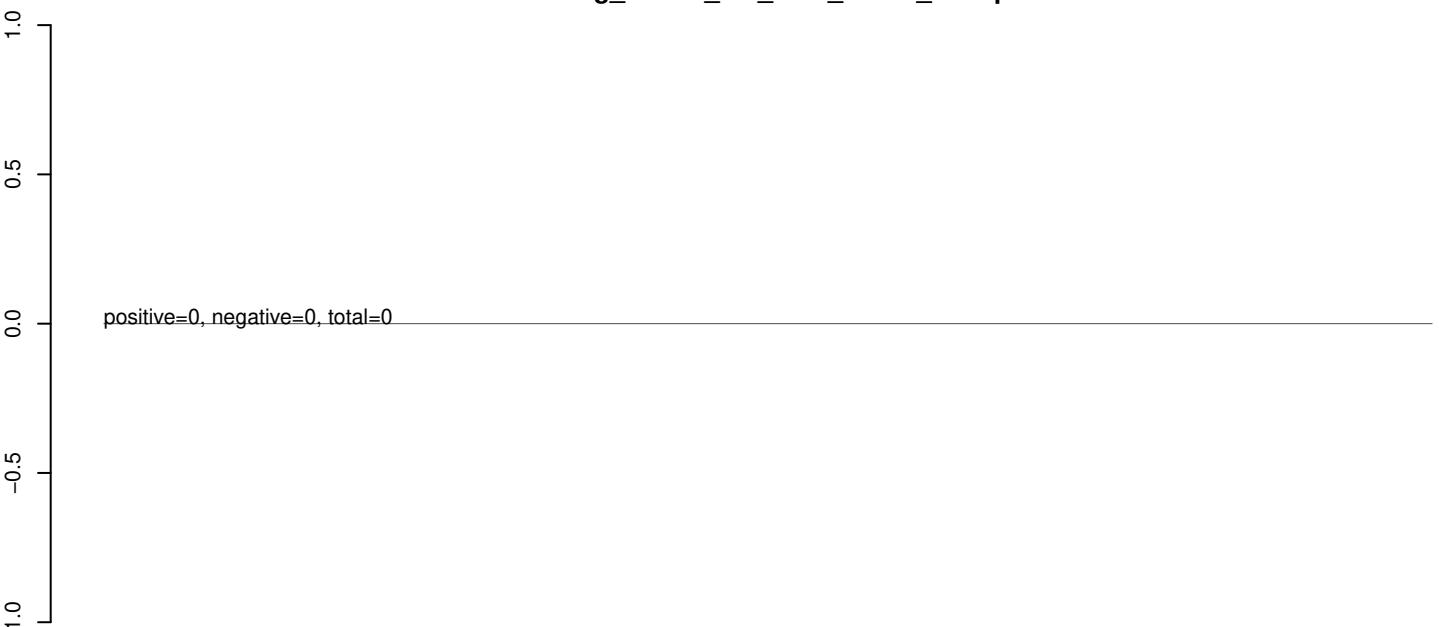


0 200 400 600 800 1000

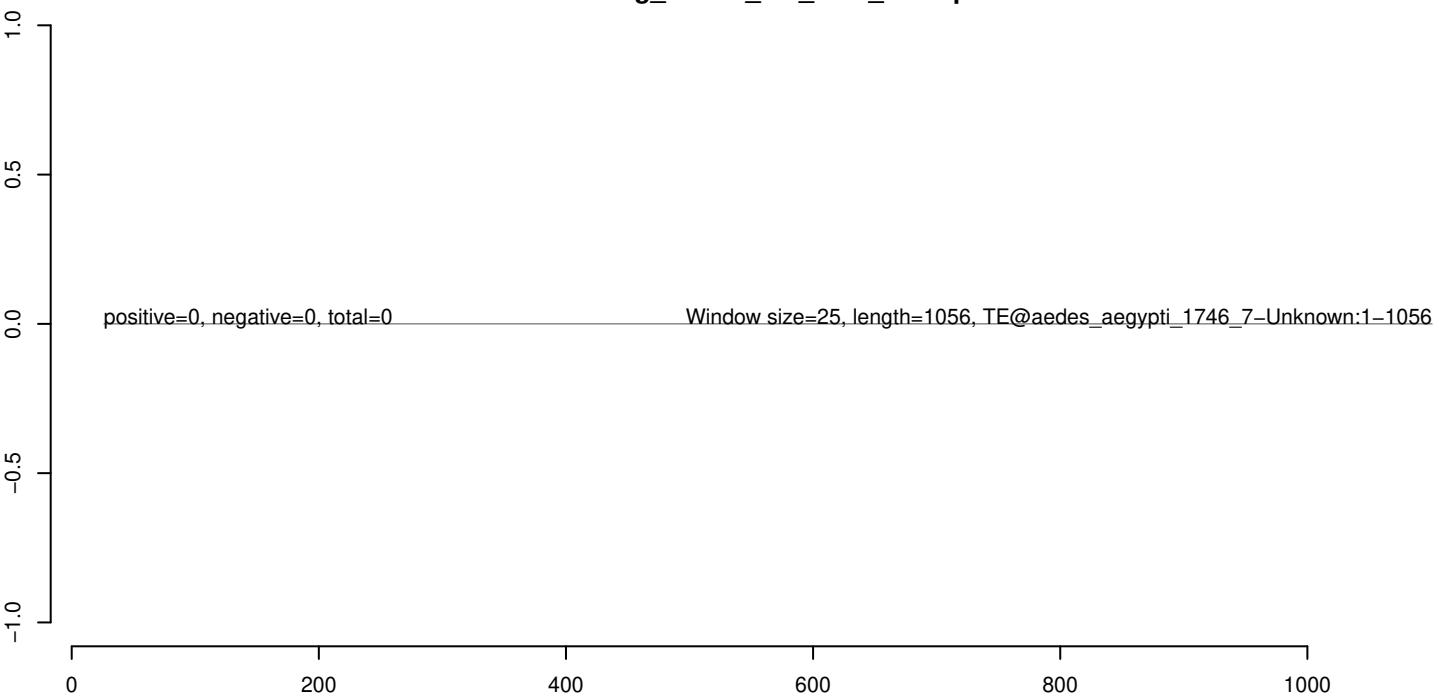
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



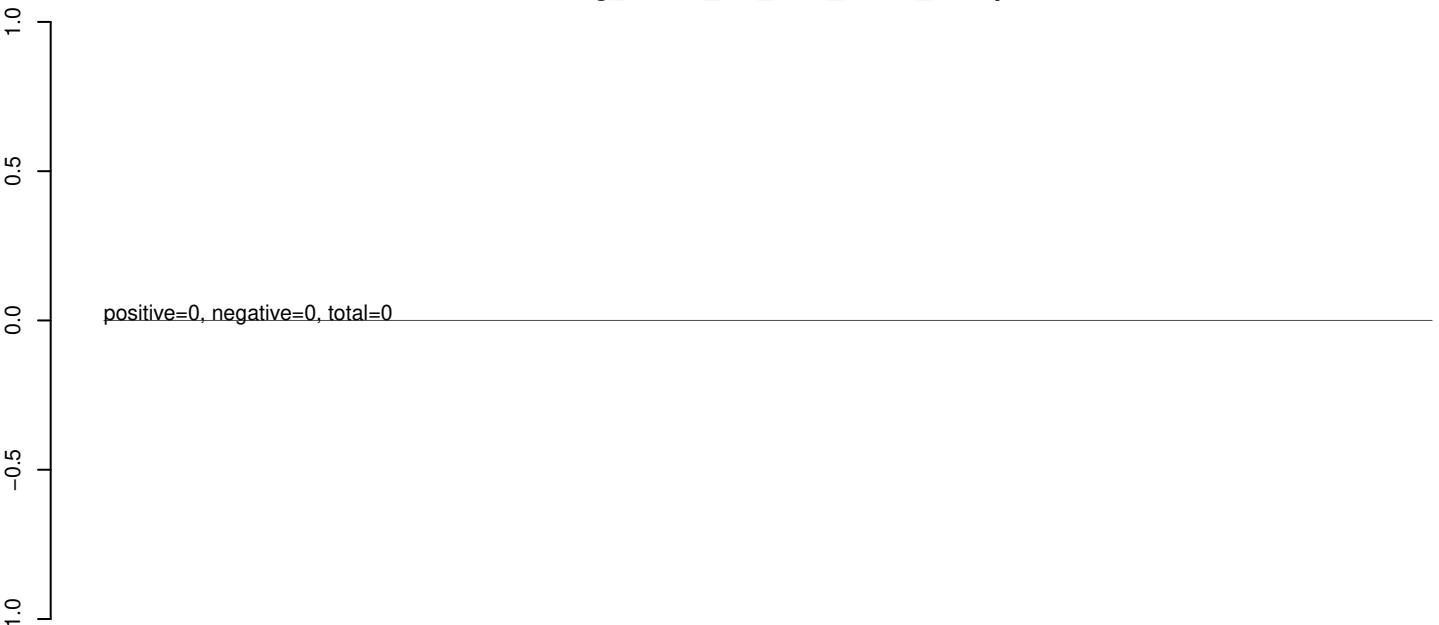
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



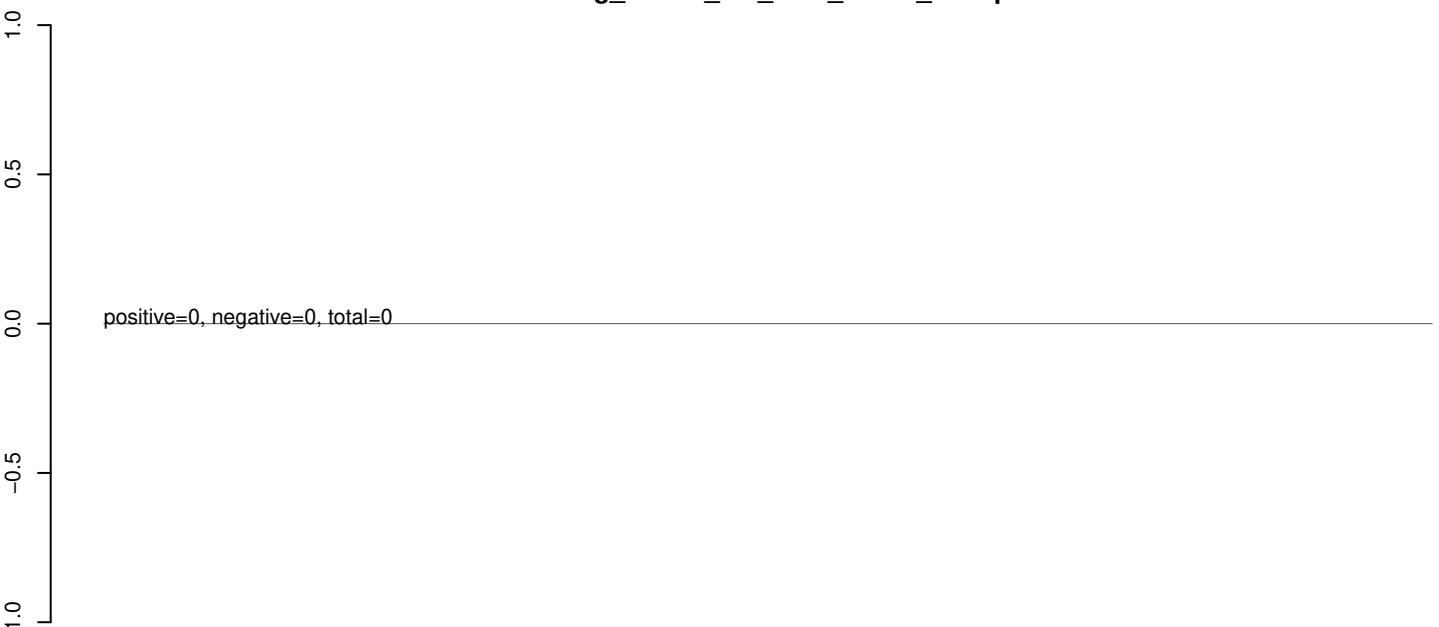
**AeAeg\_Whole\_sm\_r123\_JM.rep**



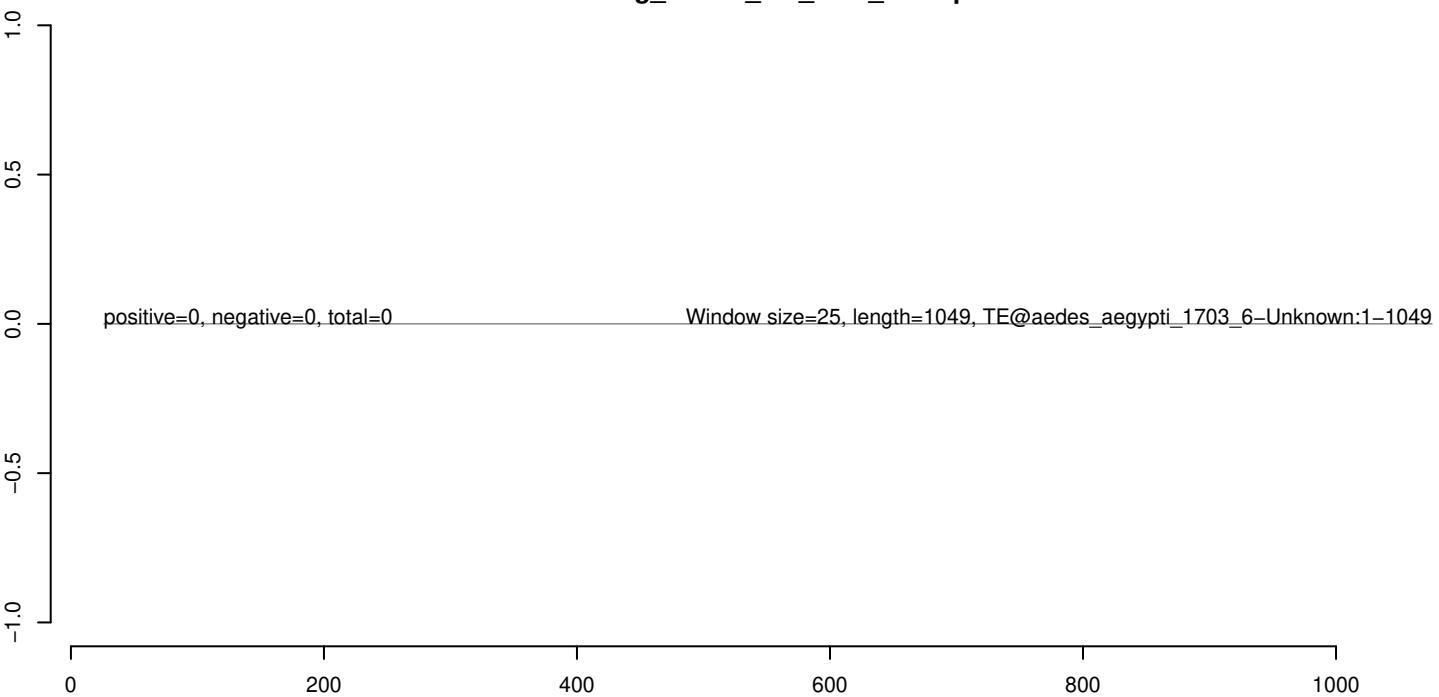
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



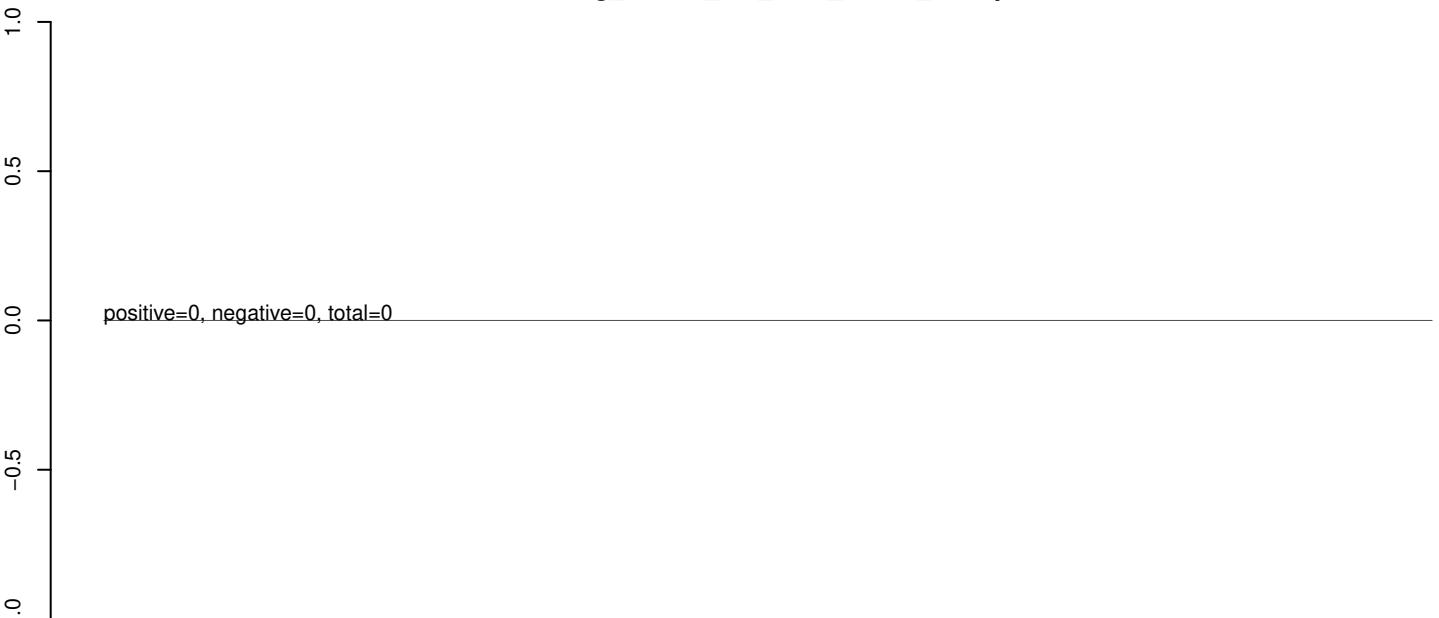
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



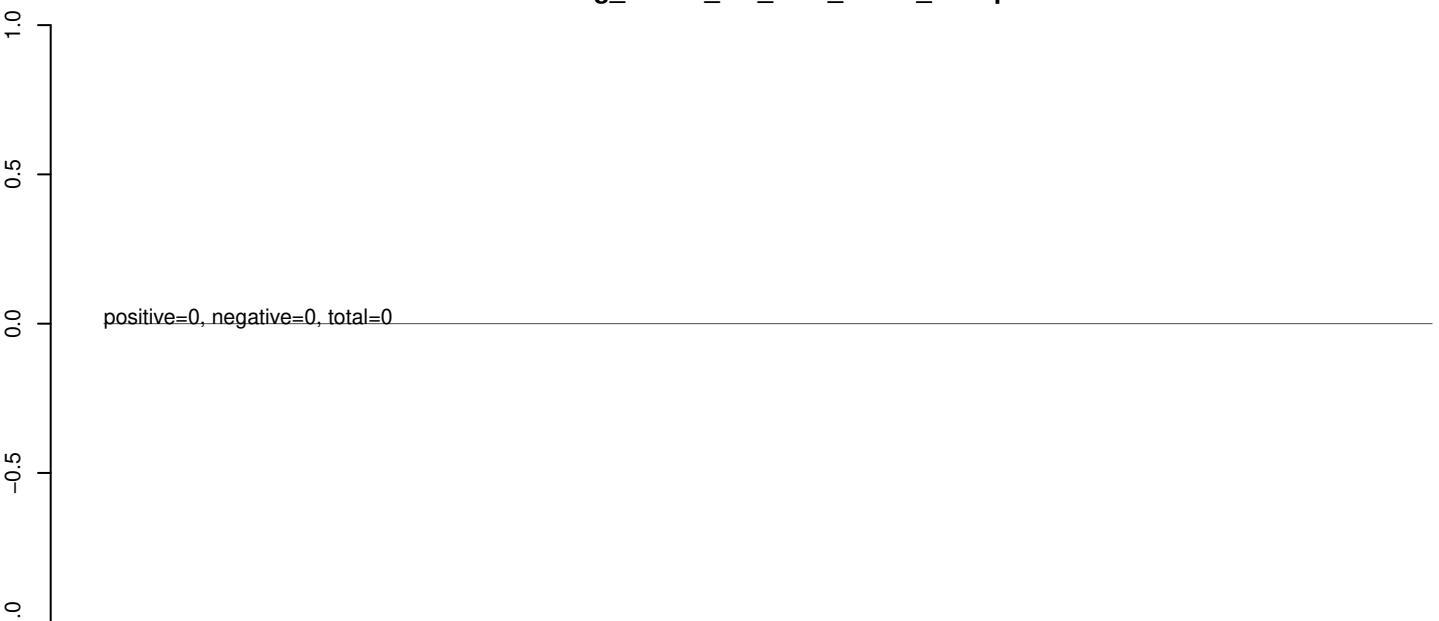
**AeAeg\_Whole\_sm\_r123\_JM.rep**



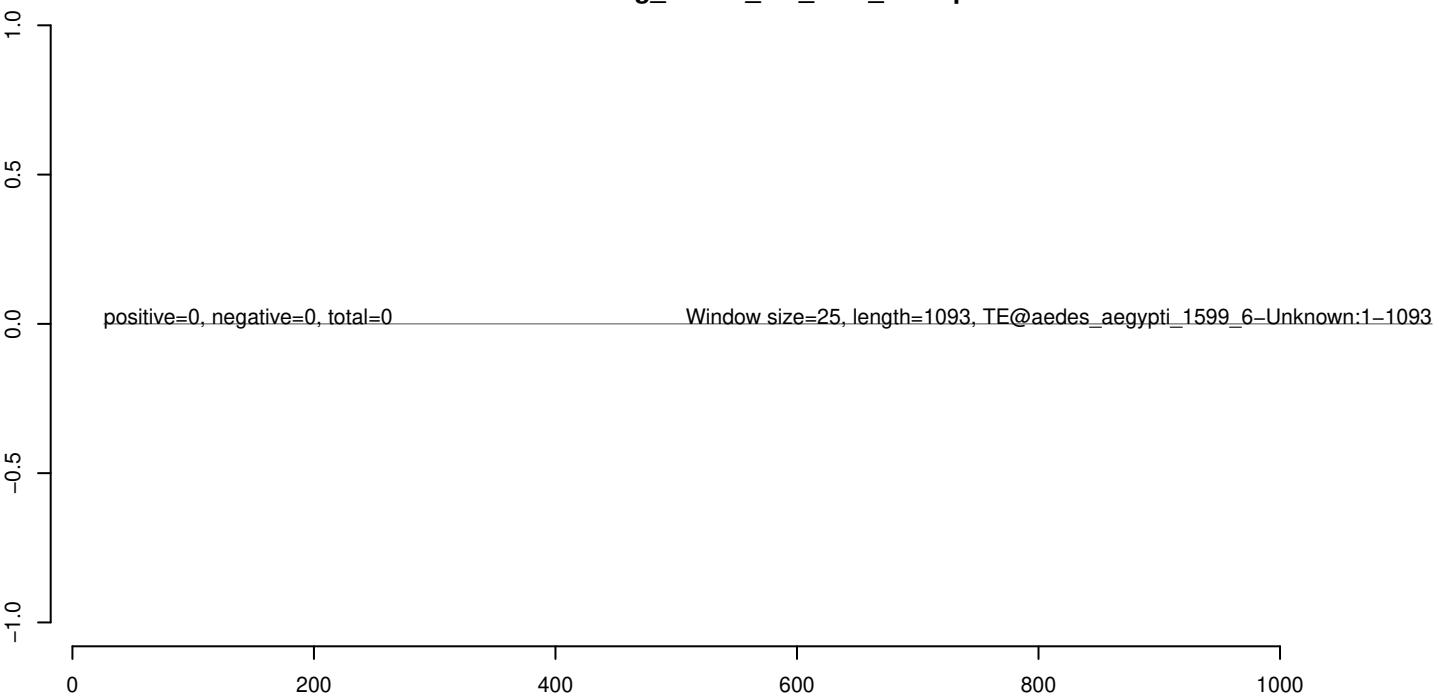
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



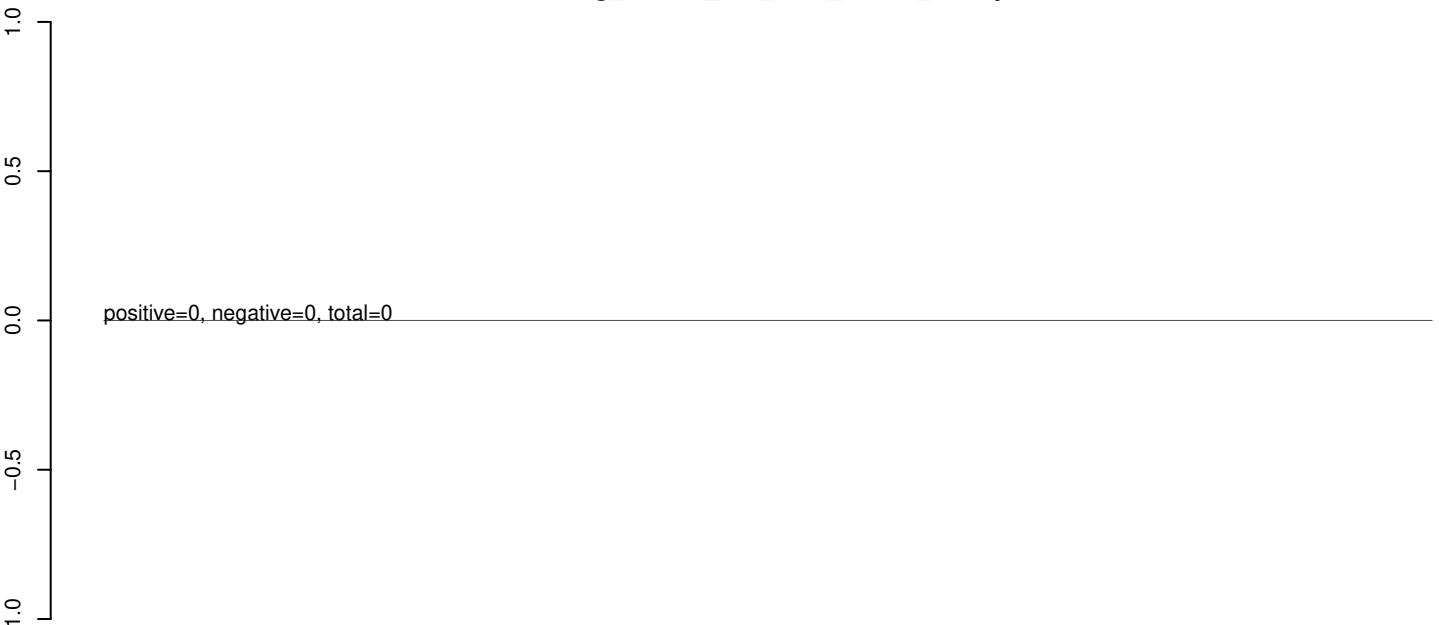
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



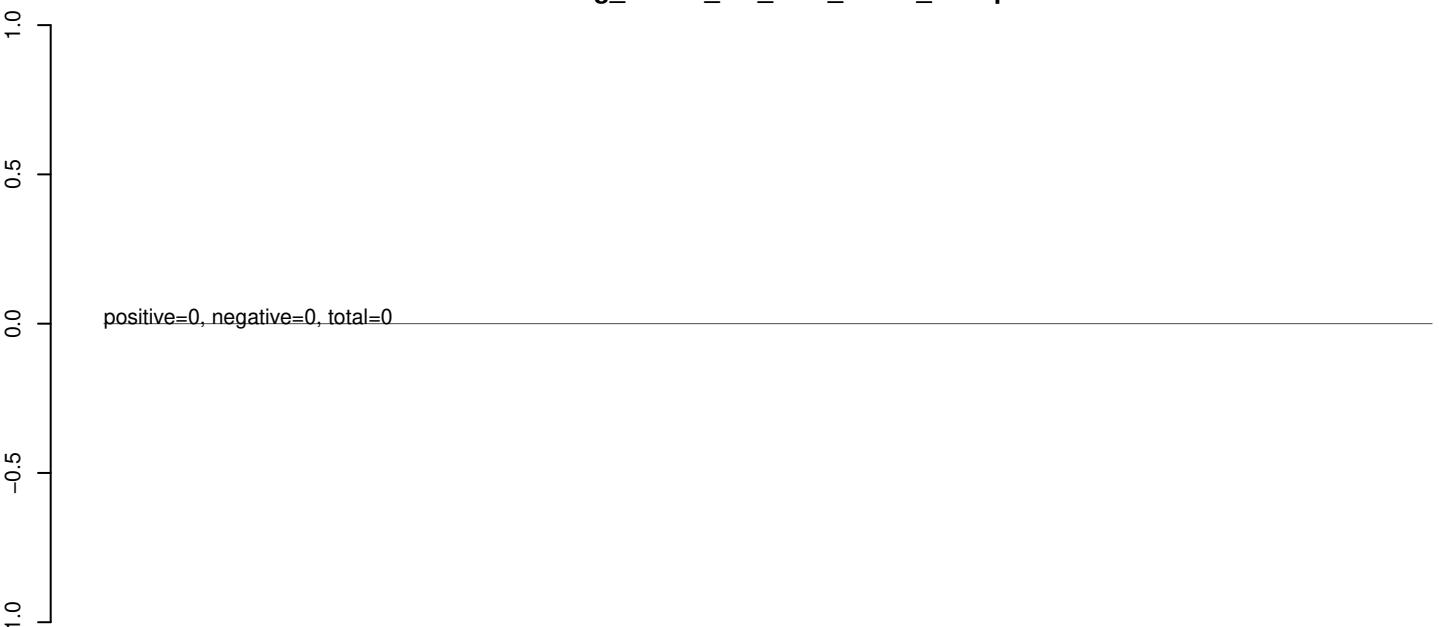
**AeAeg\_Whole\_sm\_r123\_JM.rep**



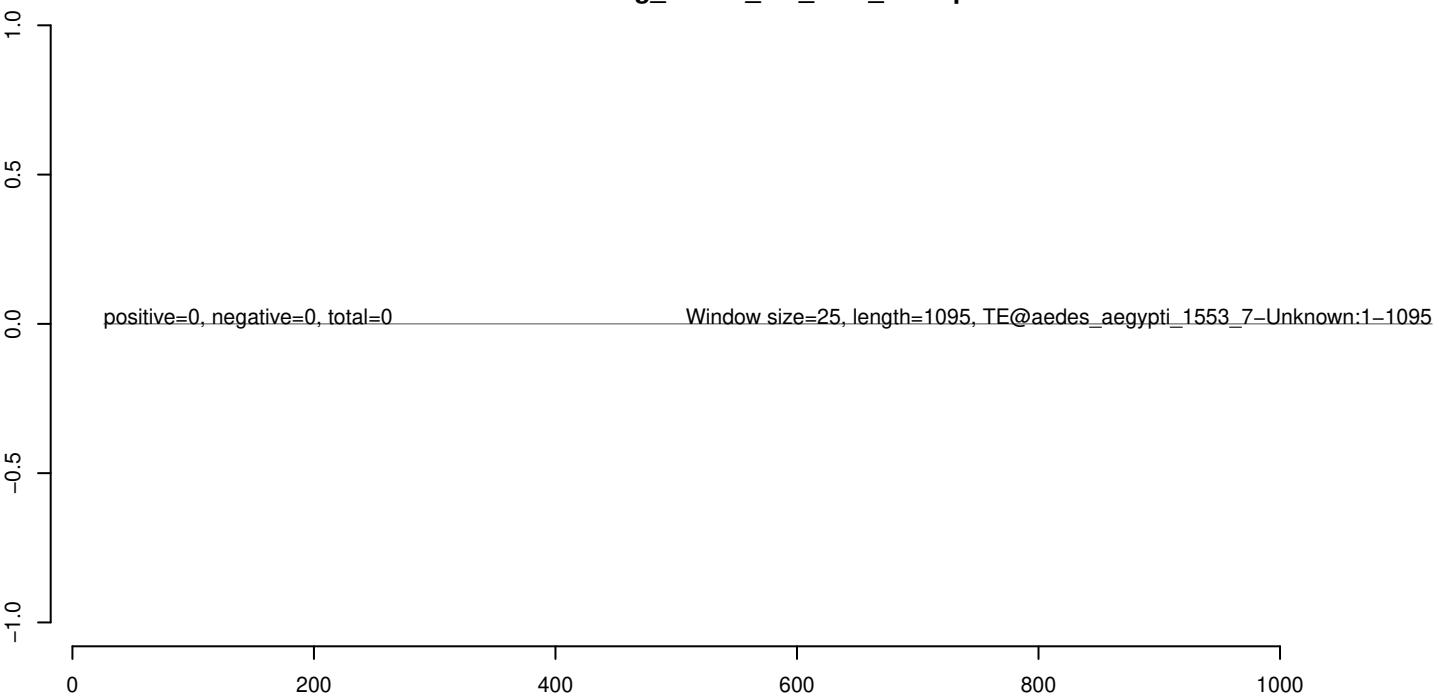
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

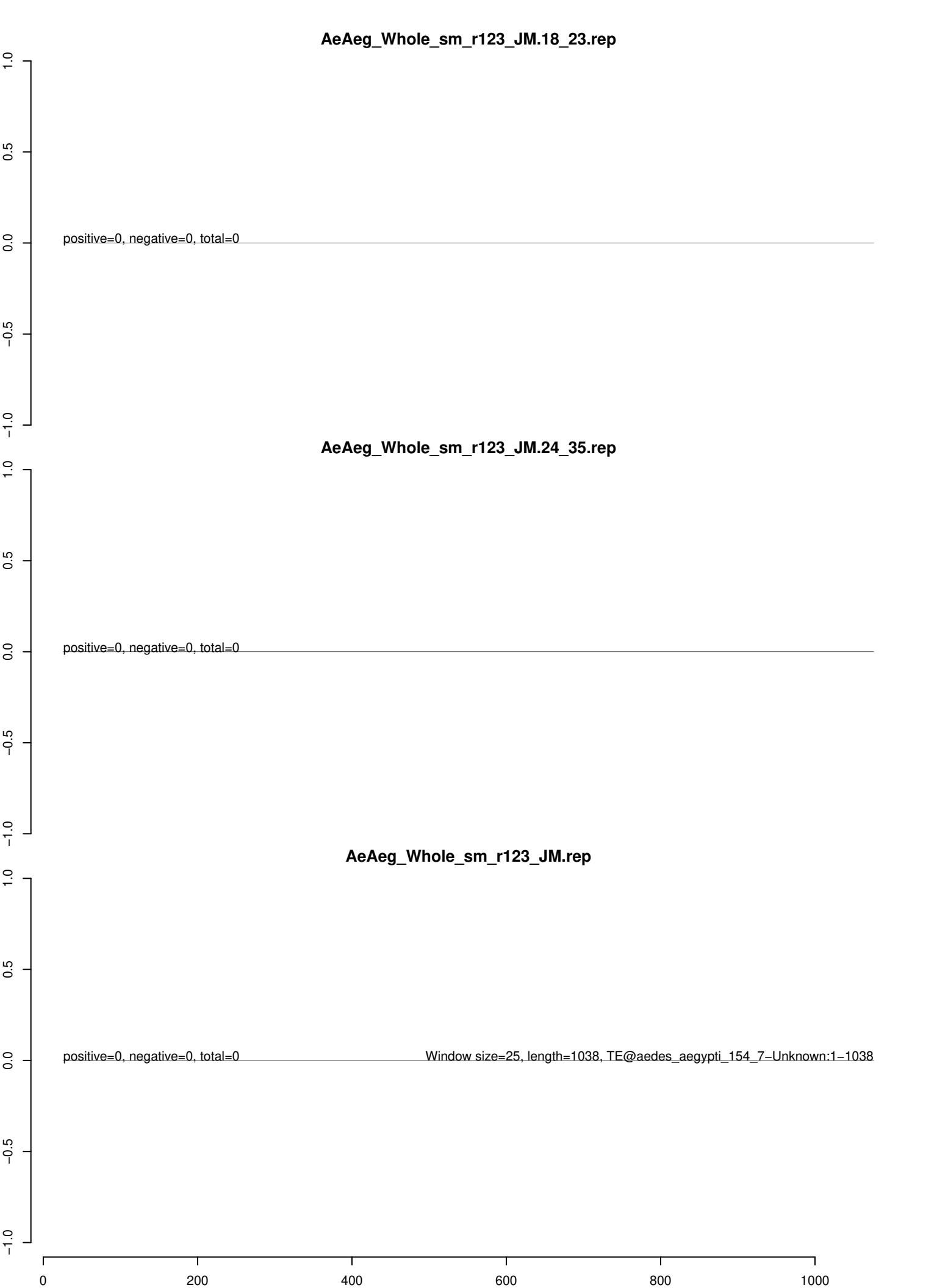
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1038, TE@aedes\_aegypti\_154\_7-Unknown:1-1038



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1401, TE@aedes\_aegypti\_1527\_5-Unknown:1-1401

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1202, TE@aedes\_aegypti\_1511\_7-Unknown:1-1202

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

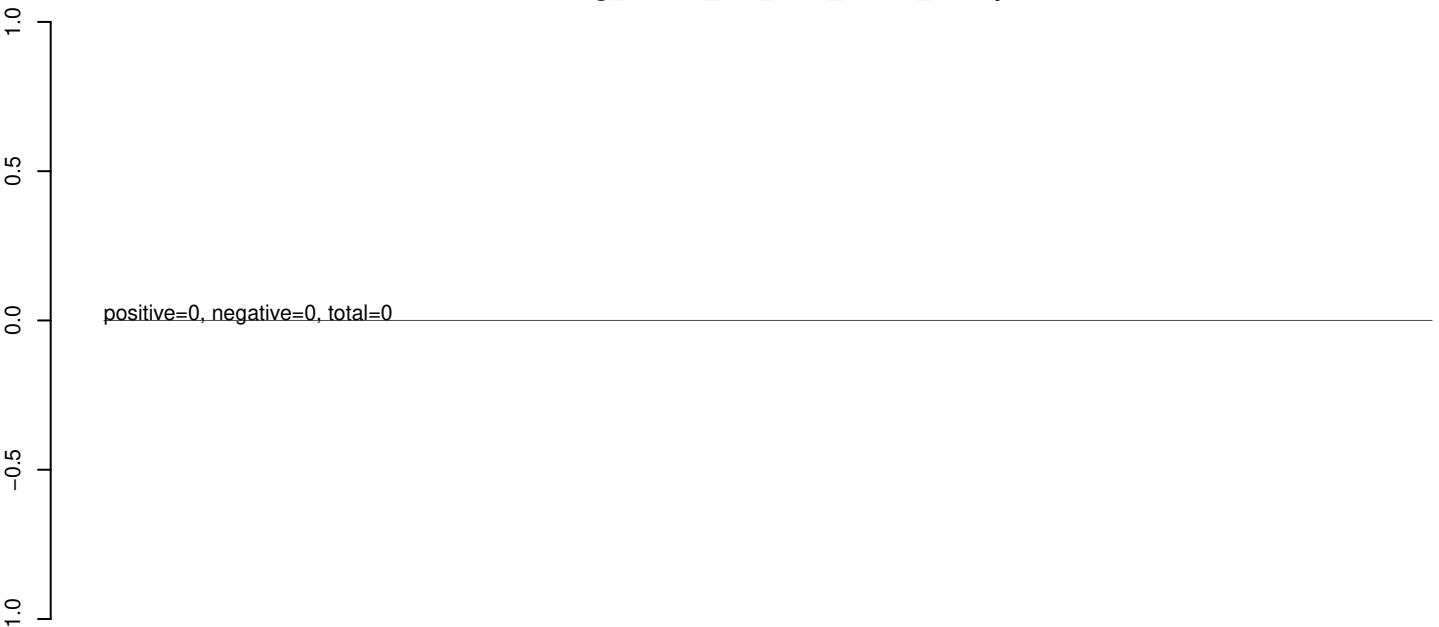
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

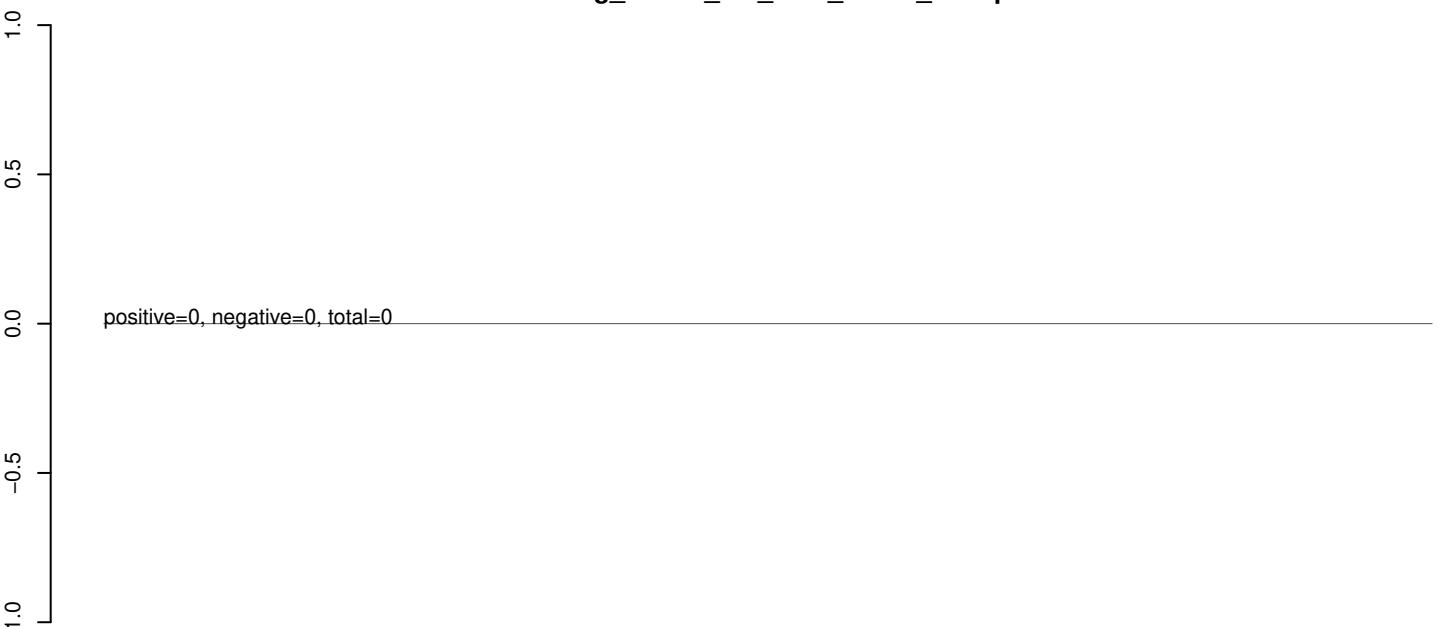
positive=0, negative=0, total=0

Window size=25, length=1419, TE@aedes\_aegypti\_1487\_7-Unknown:1-1419

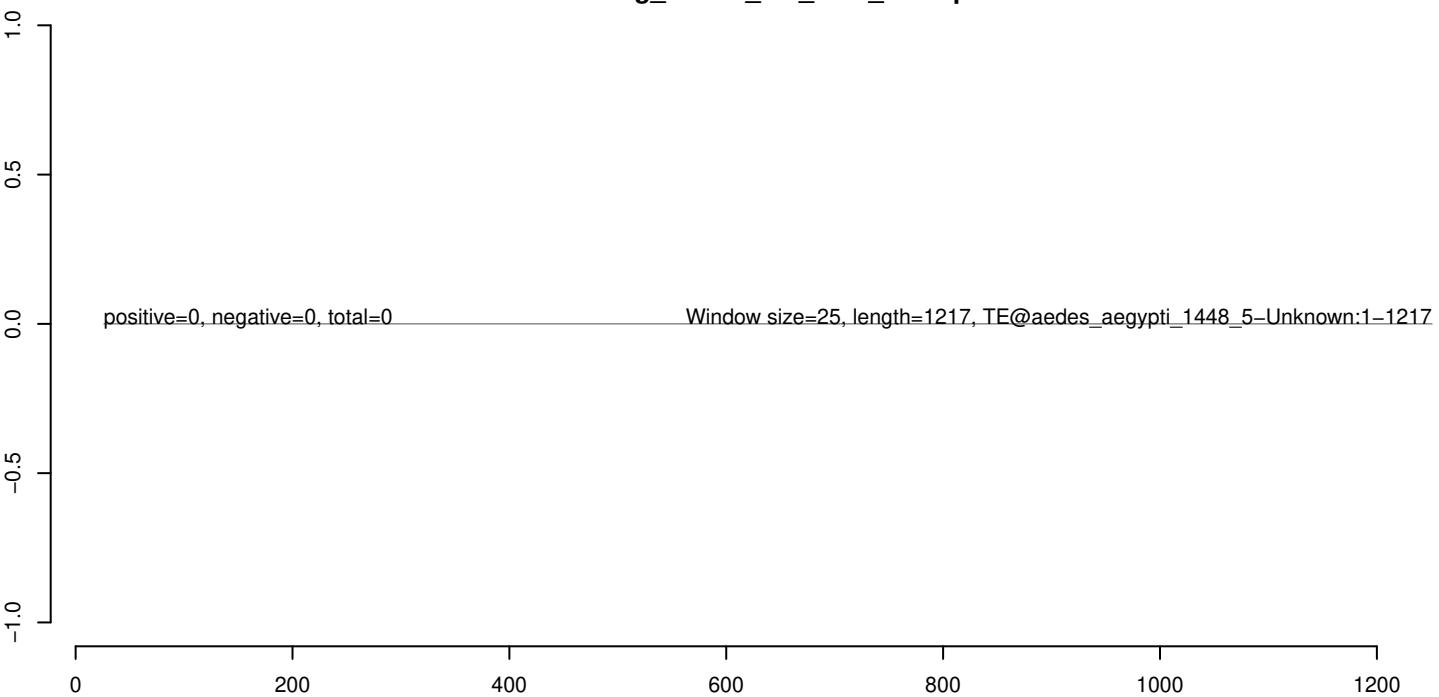
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1714, TE@aedes\_aegypti\_1364\_4-Unknown:1-1714

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1268, TE@aedes\_aegypti\_127\_6-Unknown:1-1268

0 200 400 600 800 1000 1200

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

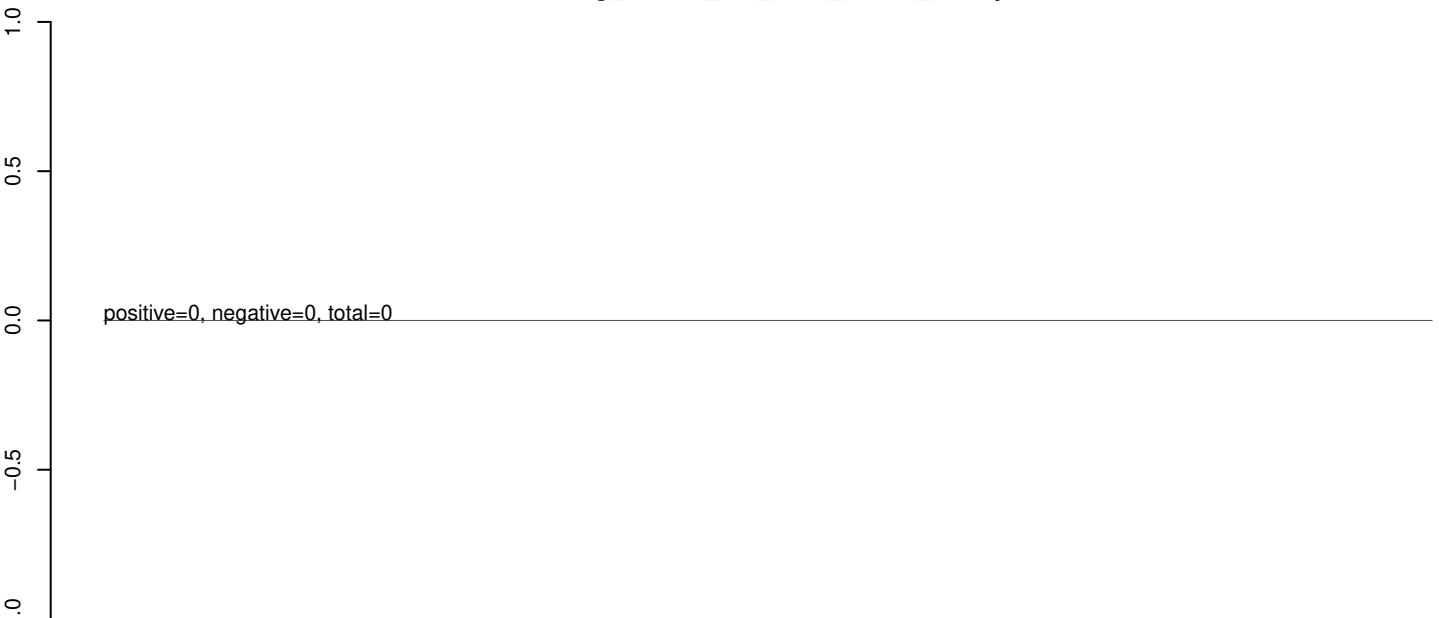
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

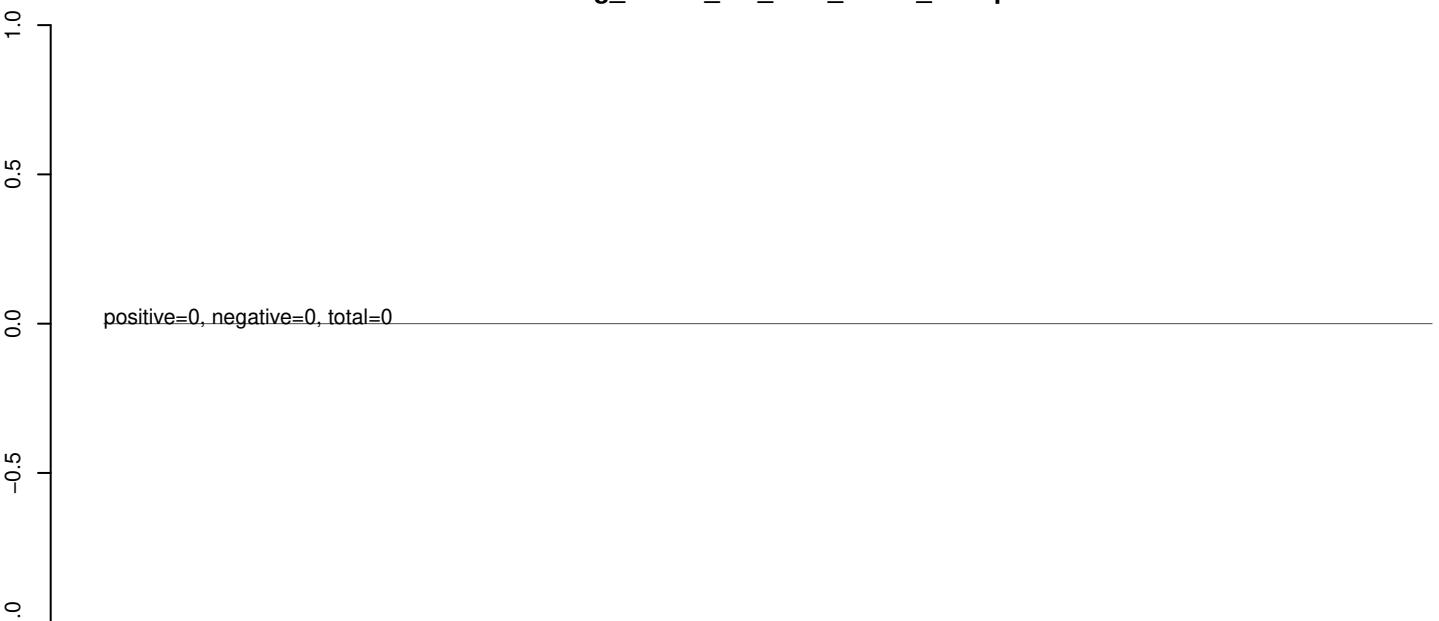
Window size=25, length=1331, TE@aedes\_aegypti\_1138\_5-Unknown:1-1331

0 200 400 600 800 1000 1200 1400

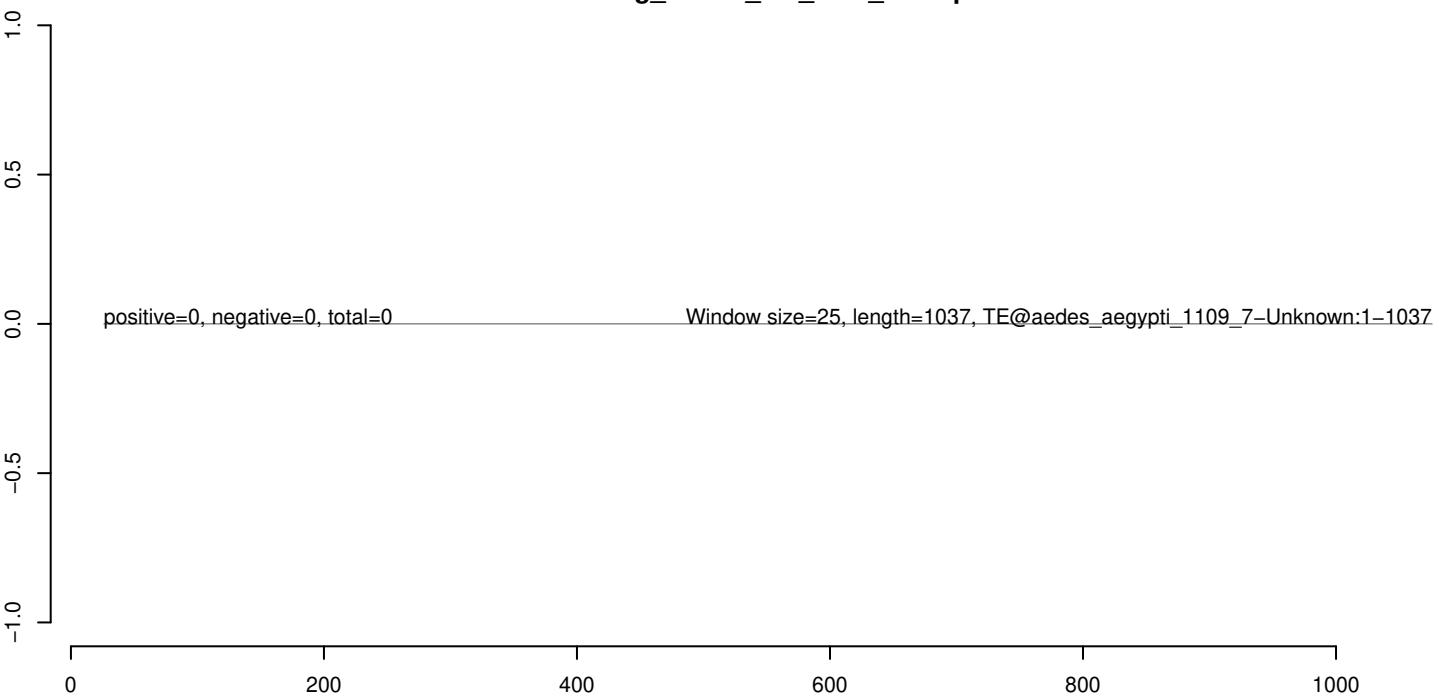
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0 Window size=25, length=2175, TE@aedes4kgr2k10pd1-AAGE01016686\_7094bp-TE-UNKNOWN:1-2175

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

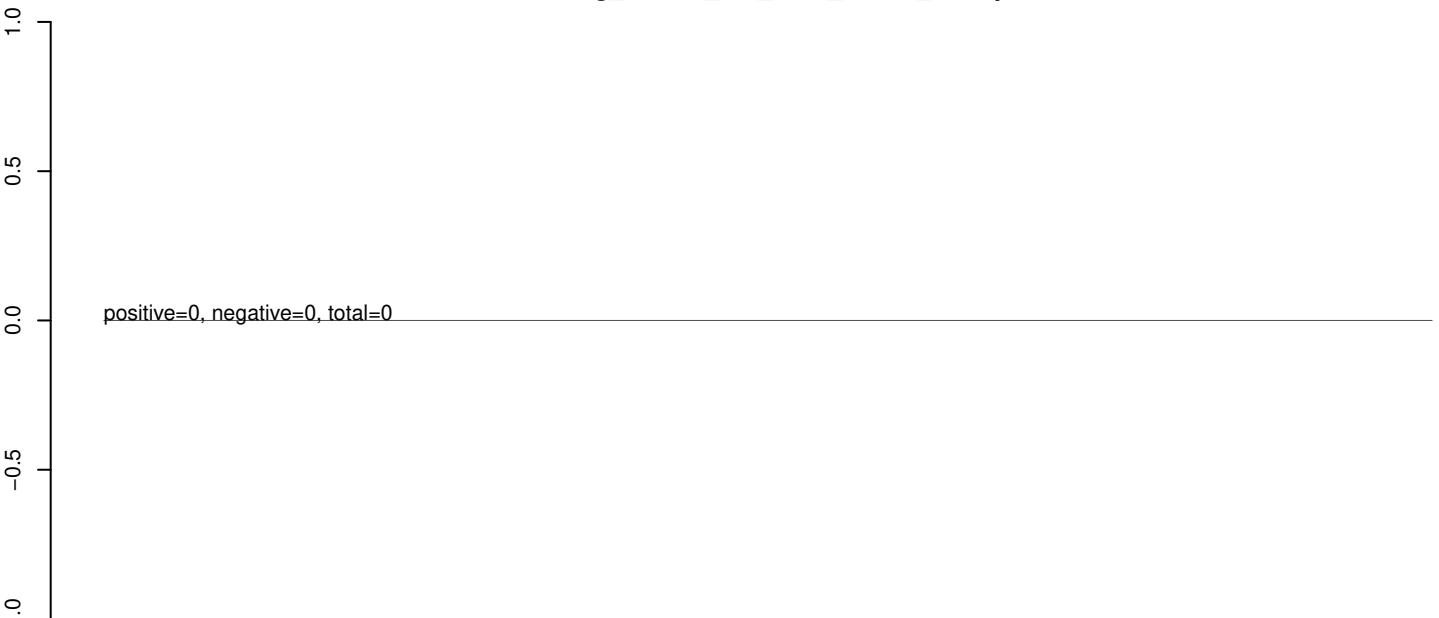
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

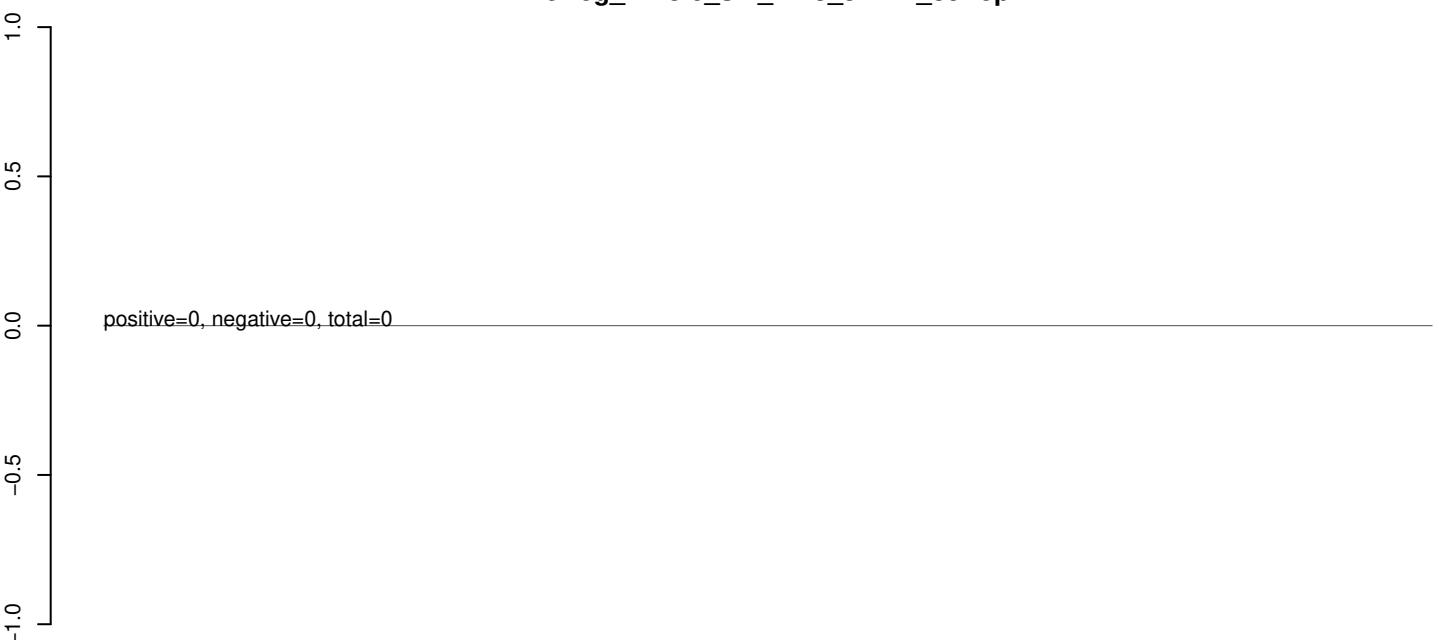
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0 Window size=25, length=2228, TE@aedes4kgr2k10pd1-AAGE01002705\_13467bp-TE-UNKNOWN:1-2228

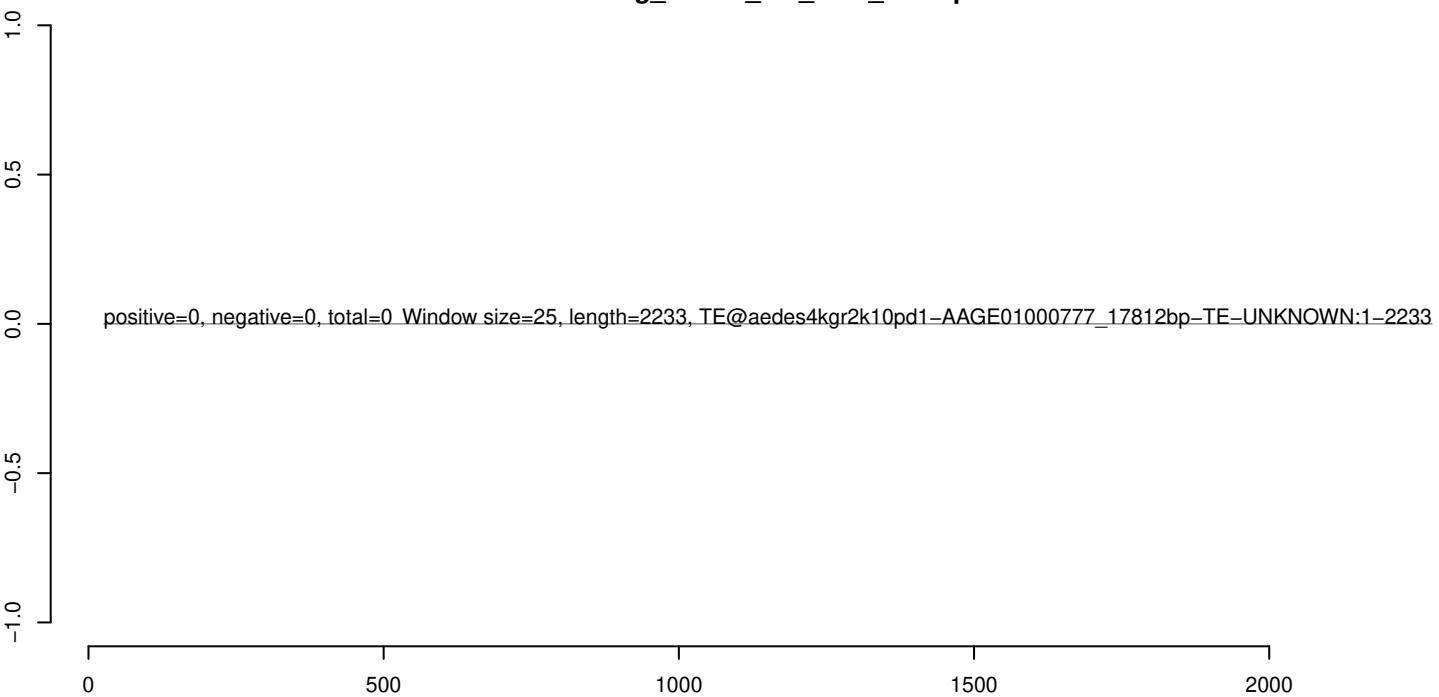
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



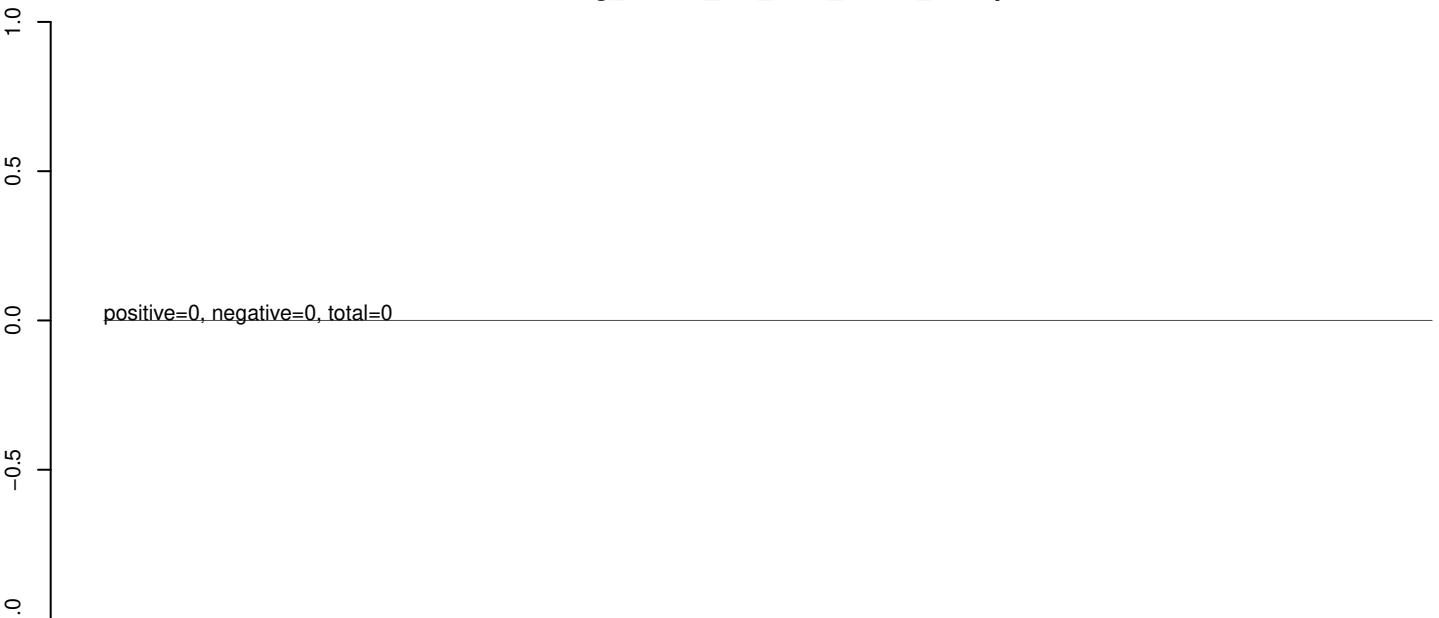
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



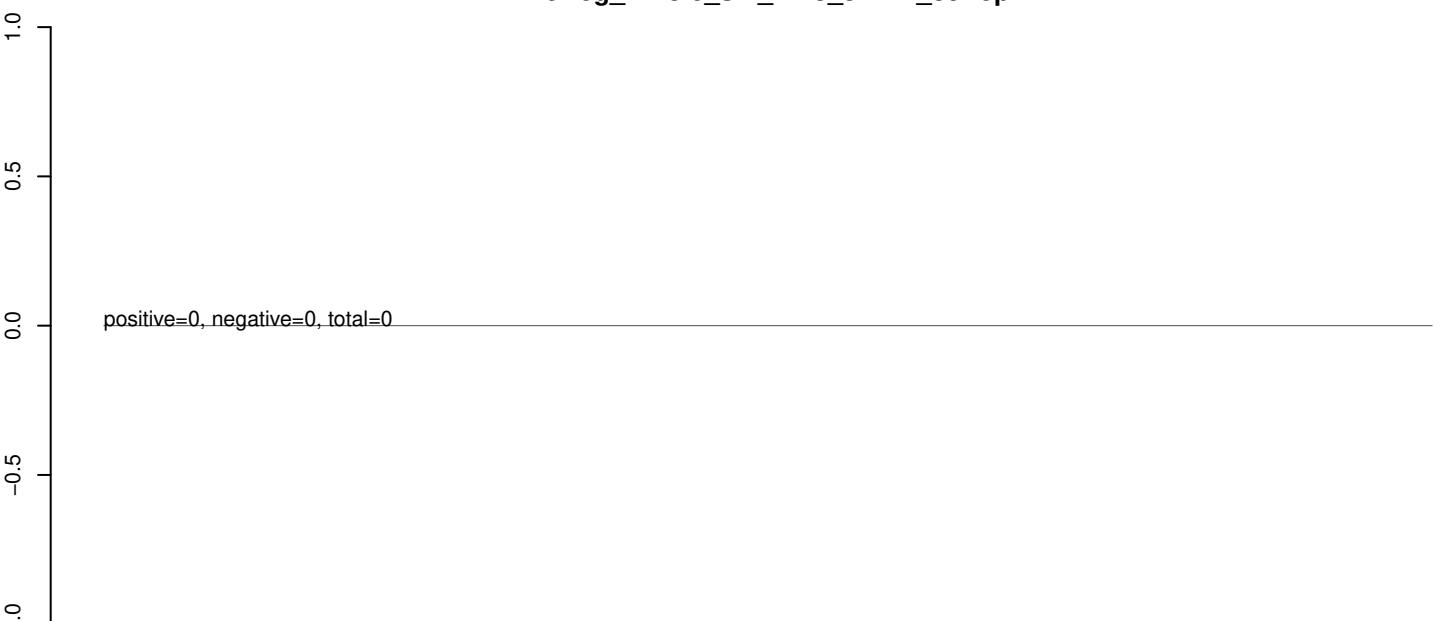
**AeAeg\_Whole\_sm\_r123\_JM.rep**



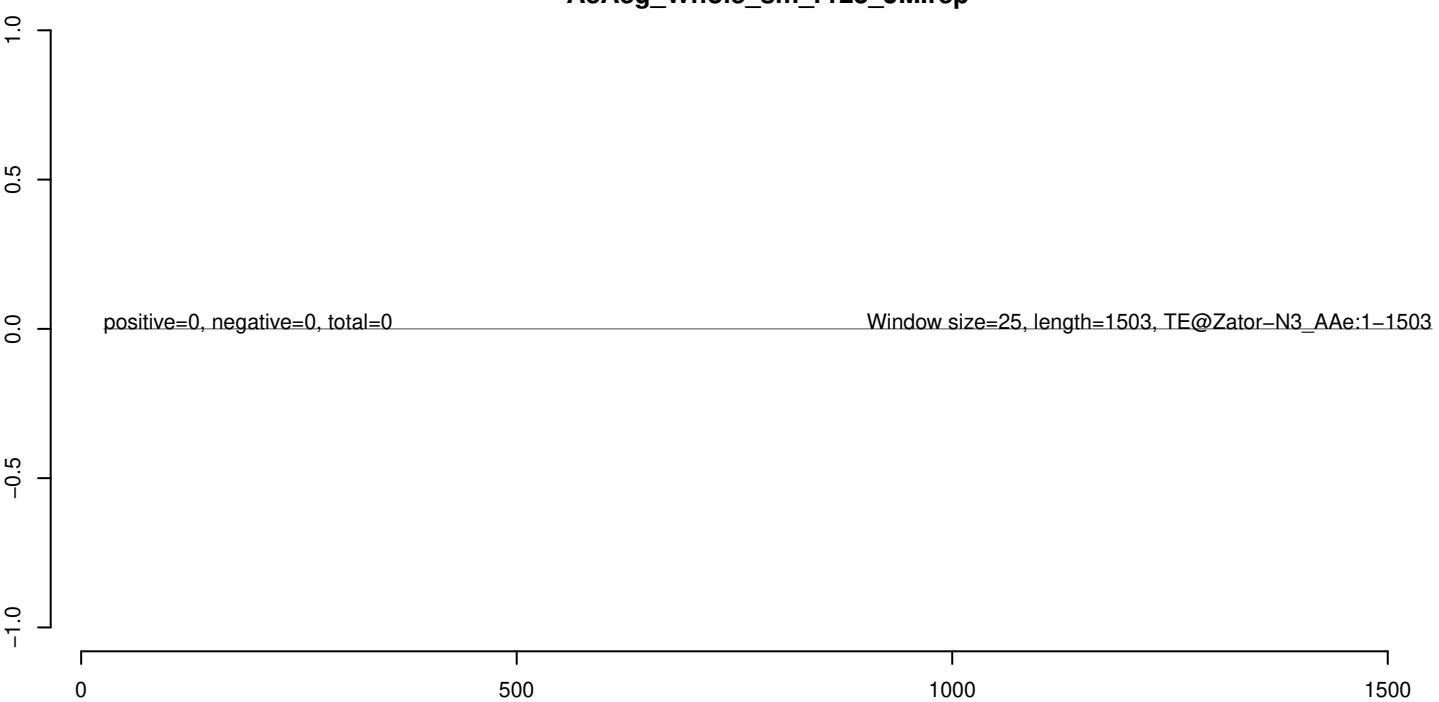
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



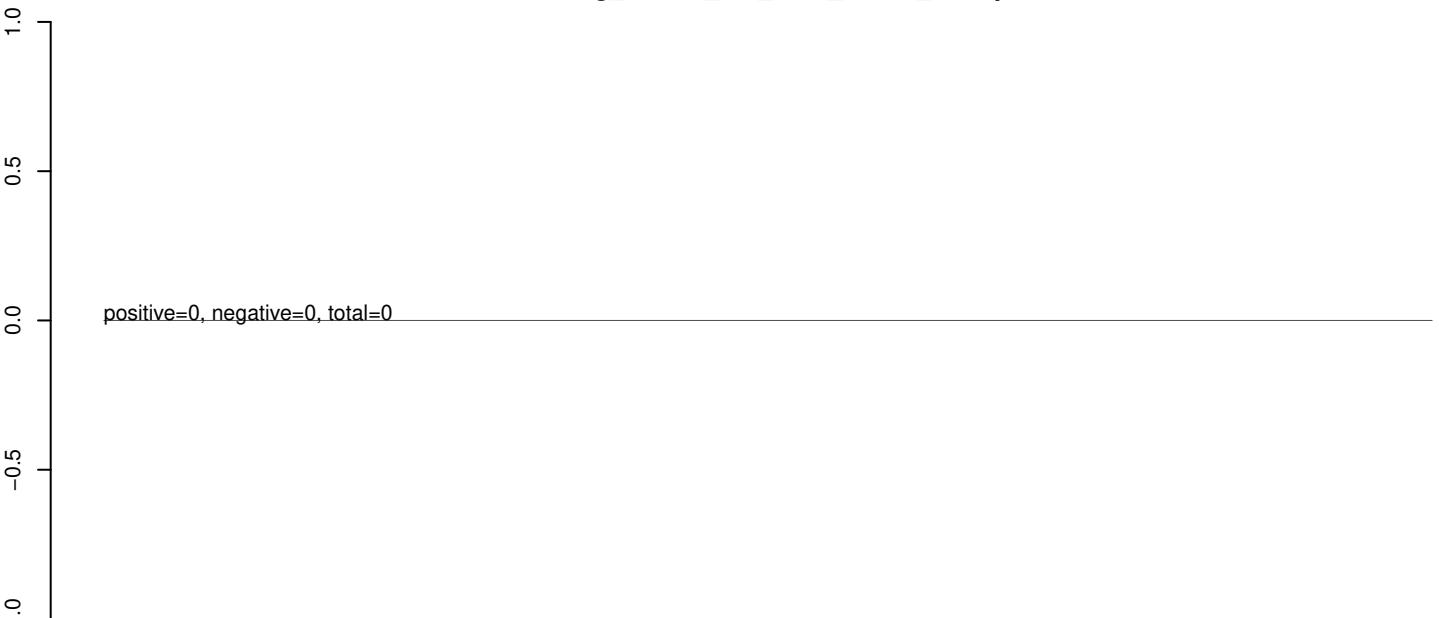
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



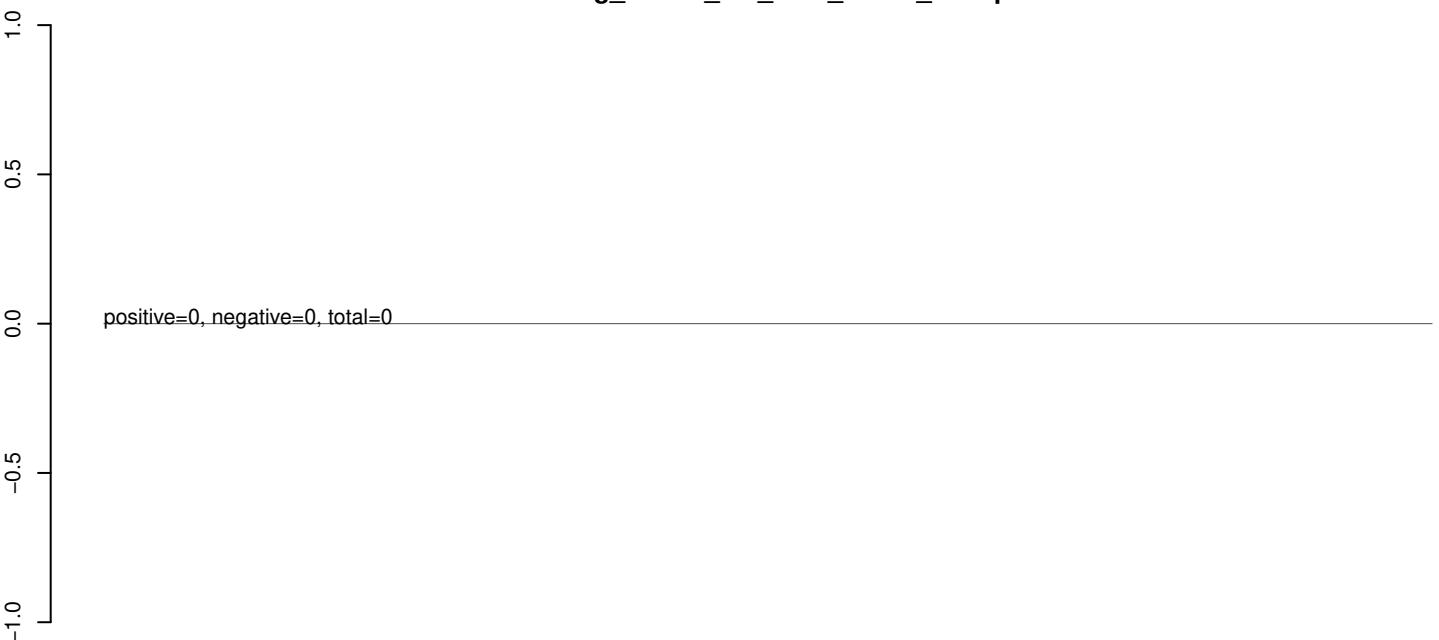
**AeAeg\_Whole\_sm\_r123\_JM.rep**



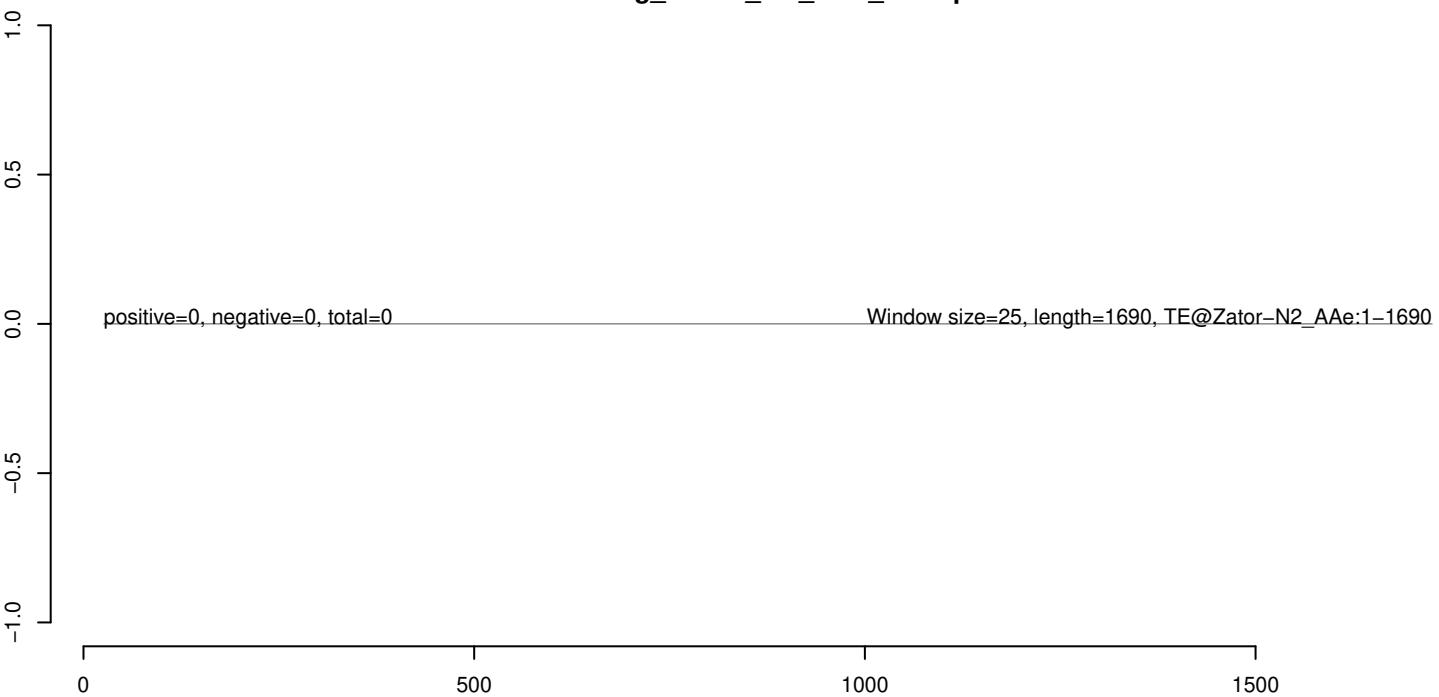
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=3256, TE@ZEBEDEE:1–3256

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

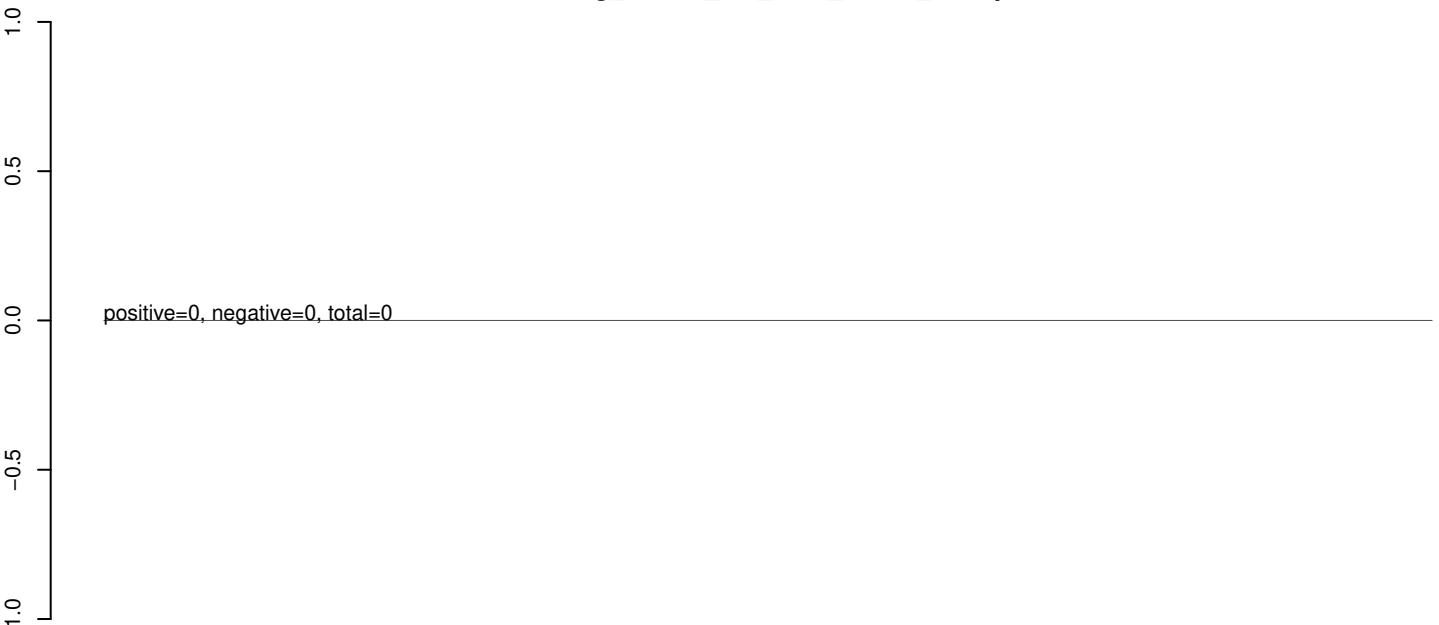
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

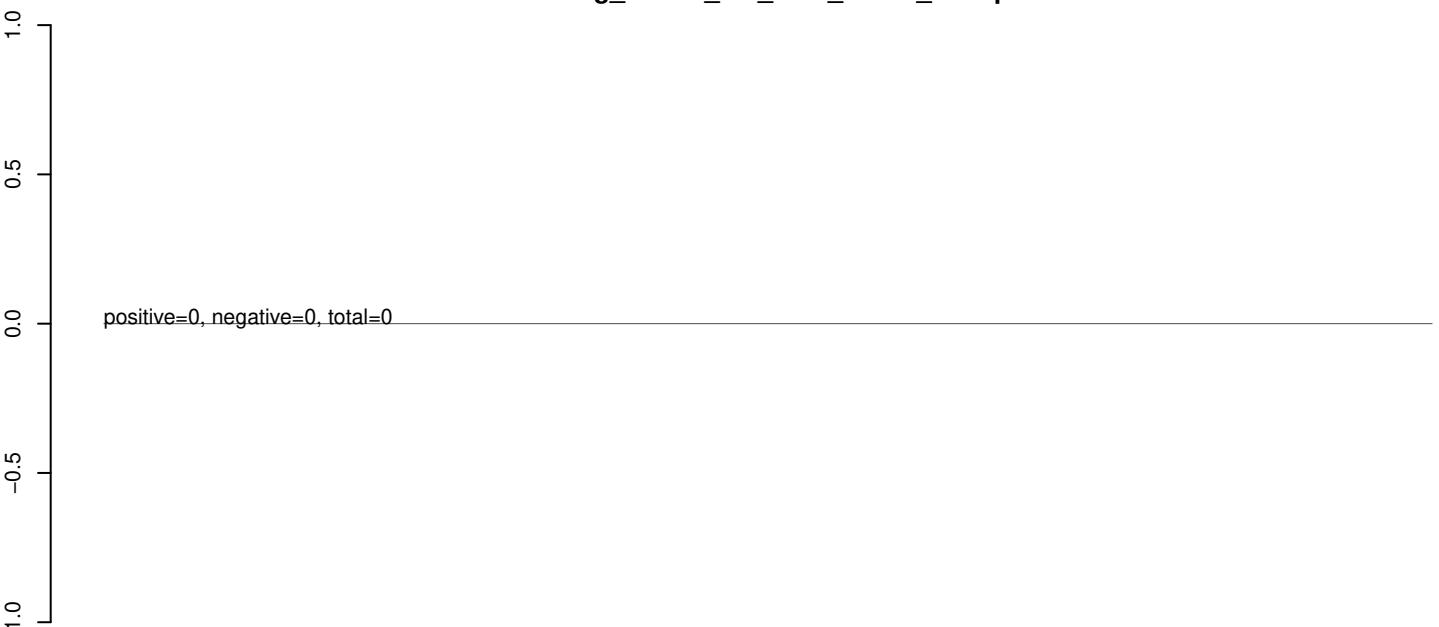
positive=0, negative=0, total=0

Window size=25, length=257, TE@WUNENG:1-257

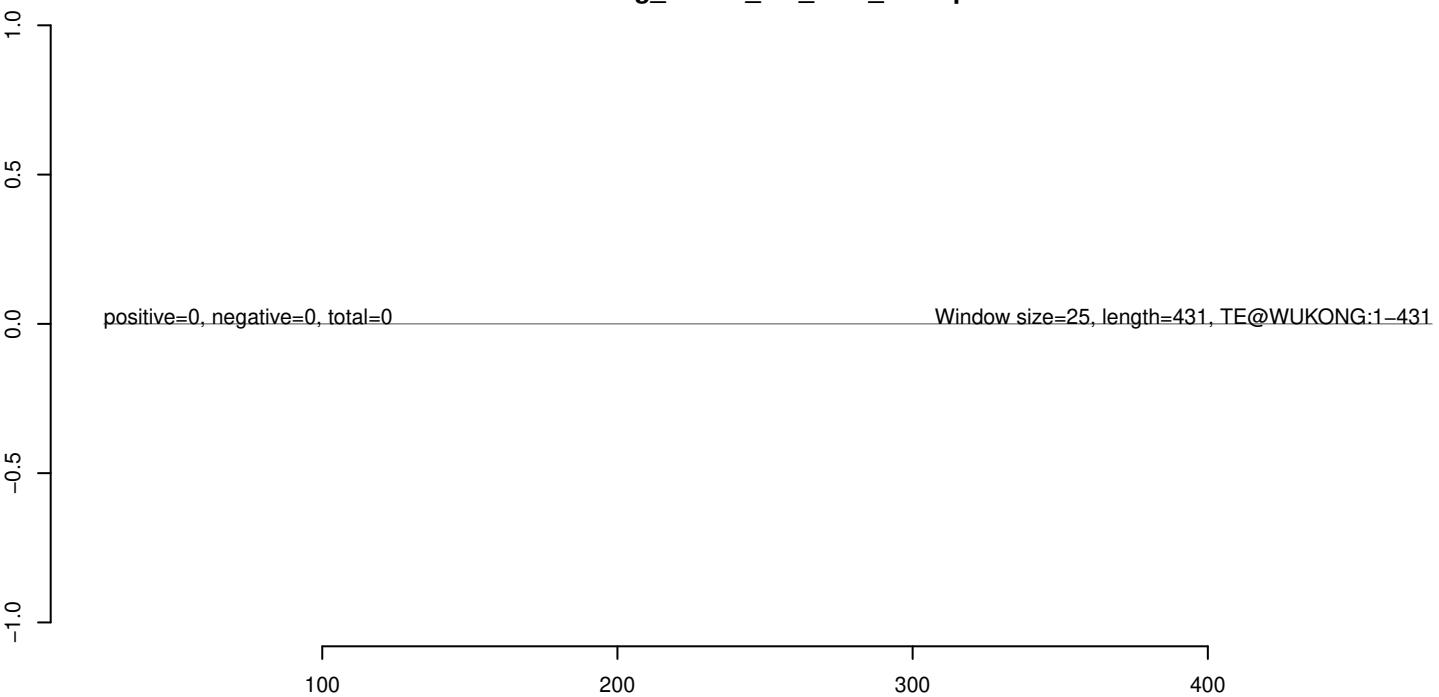
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



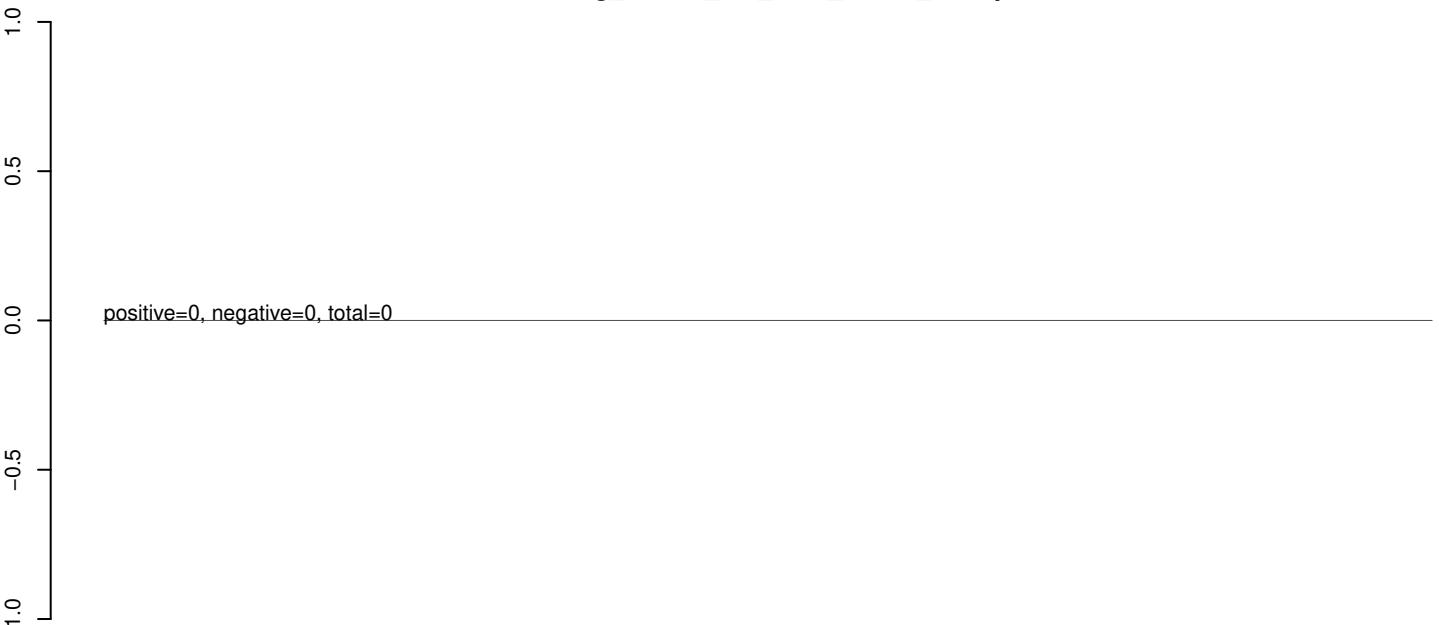
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



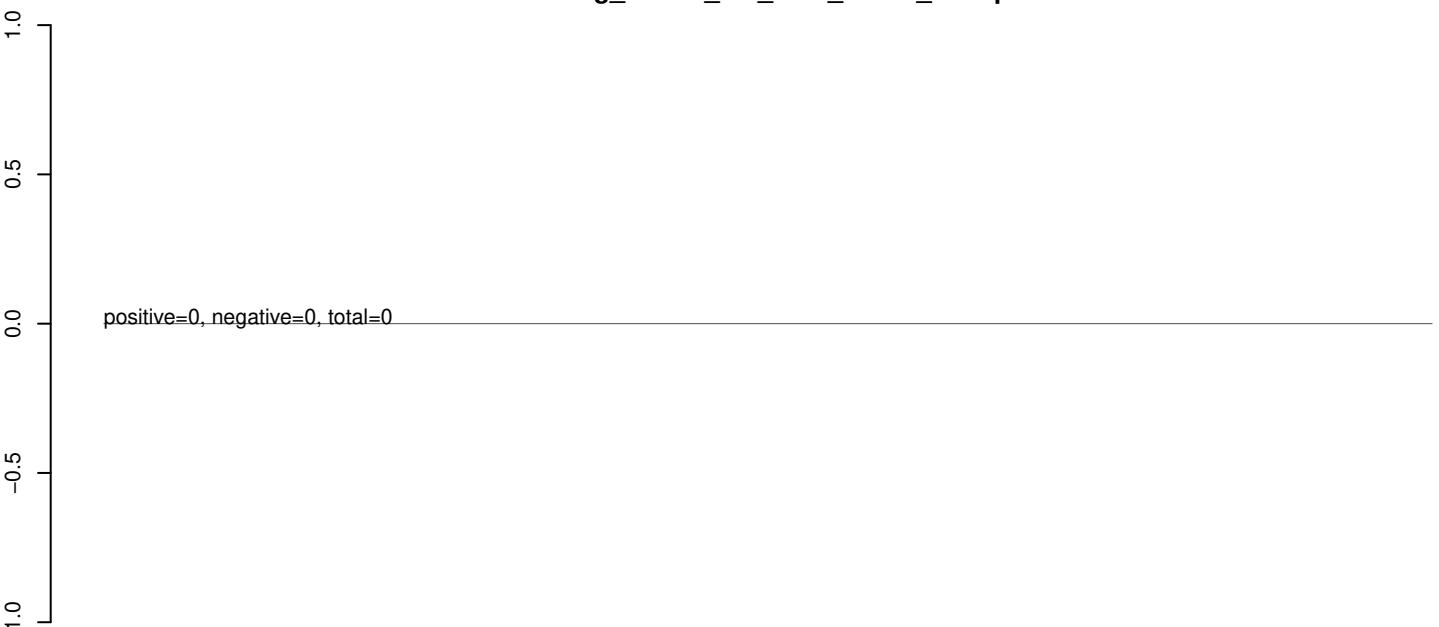
**AeAeg\_Whole\_sm\_r123\_JM.rep**



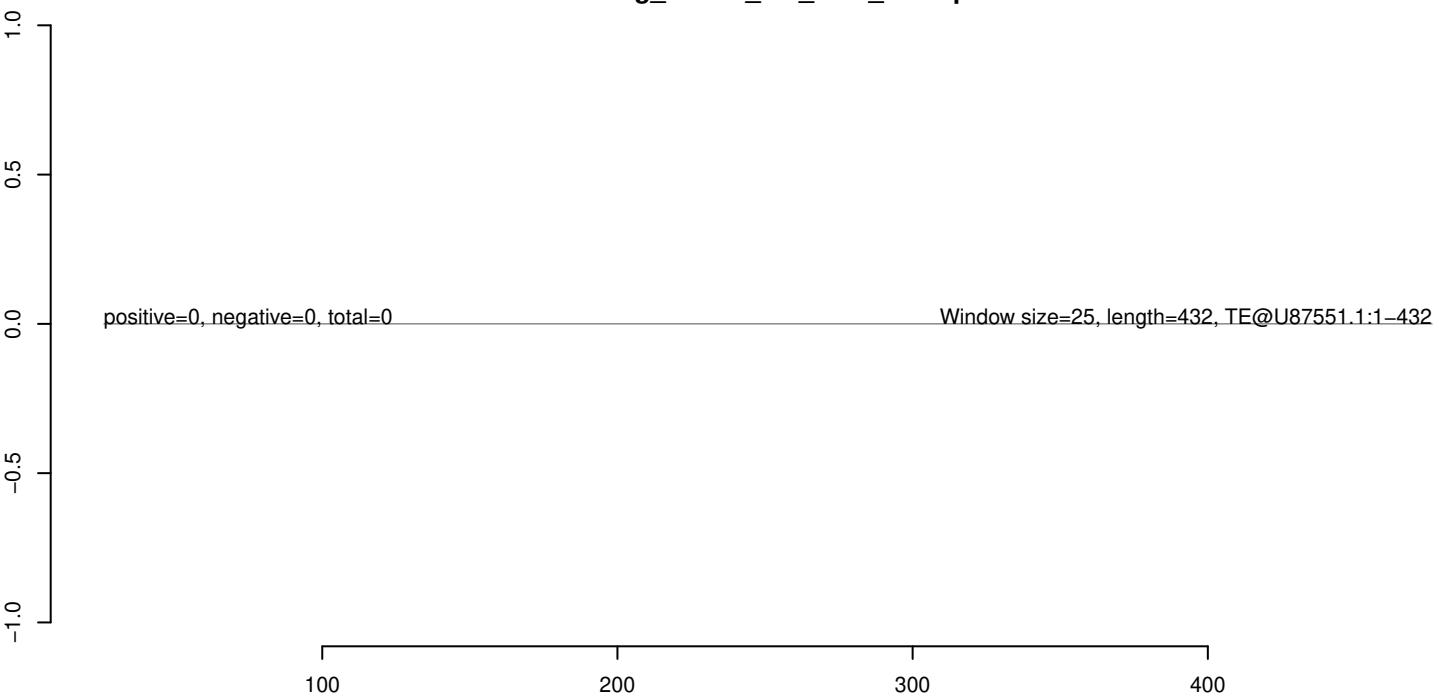
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



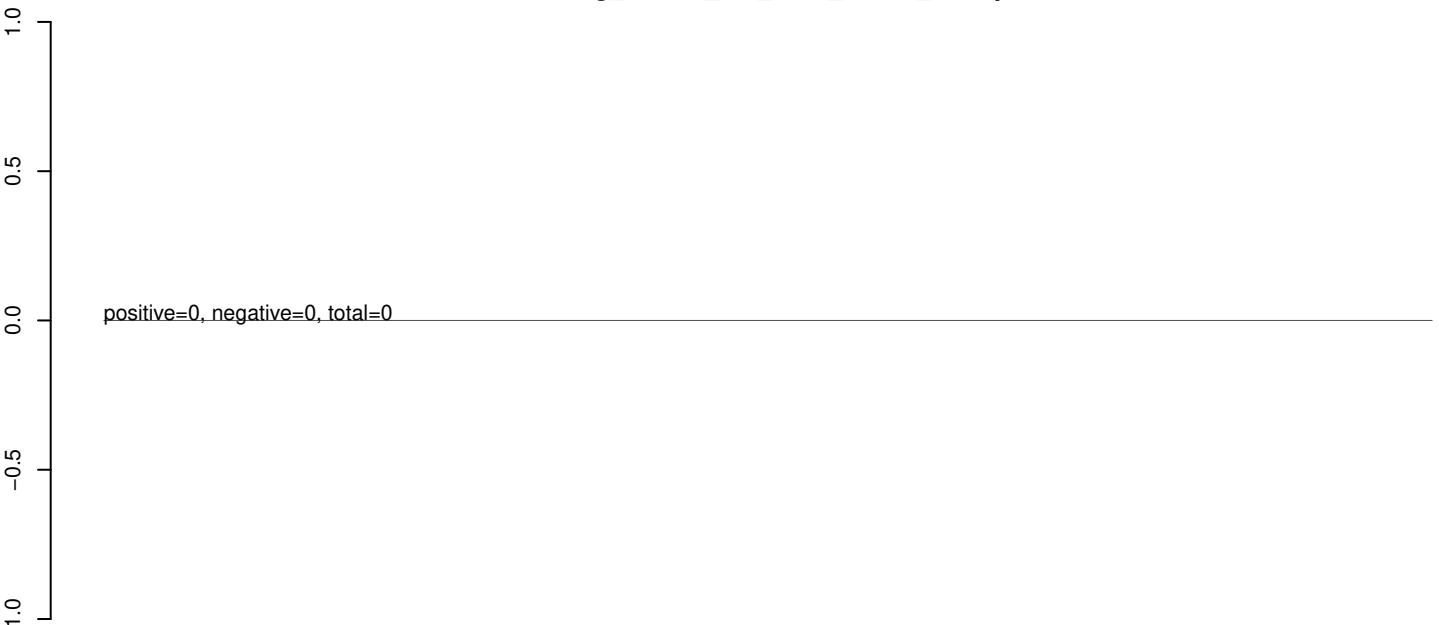
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



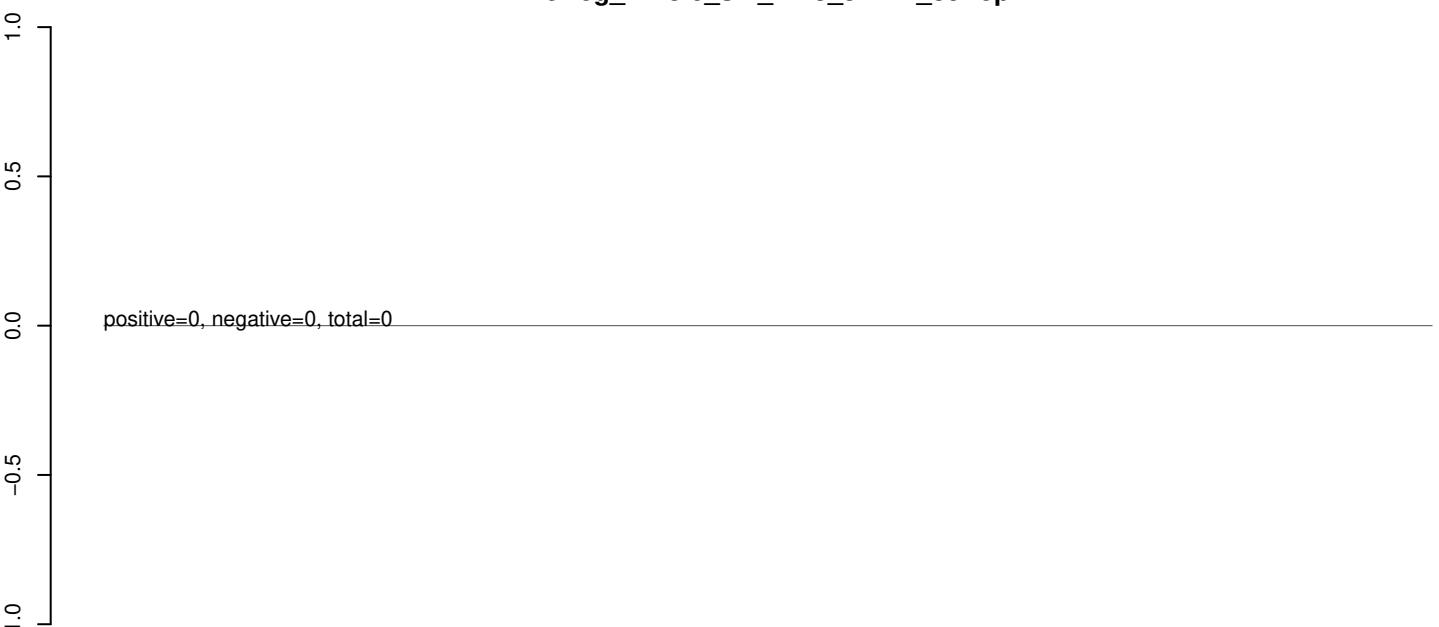
**AeAeg\_Whole\_sm\_r123\_JM.rep**



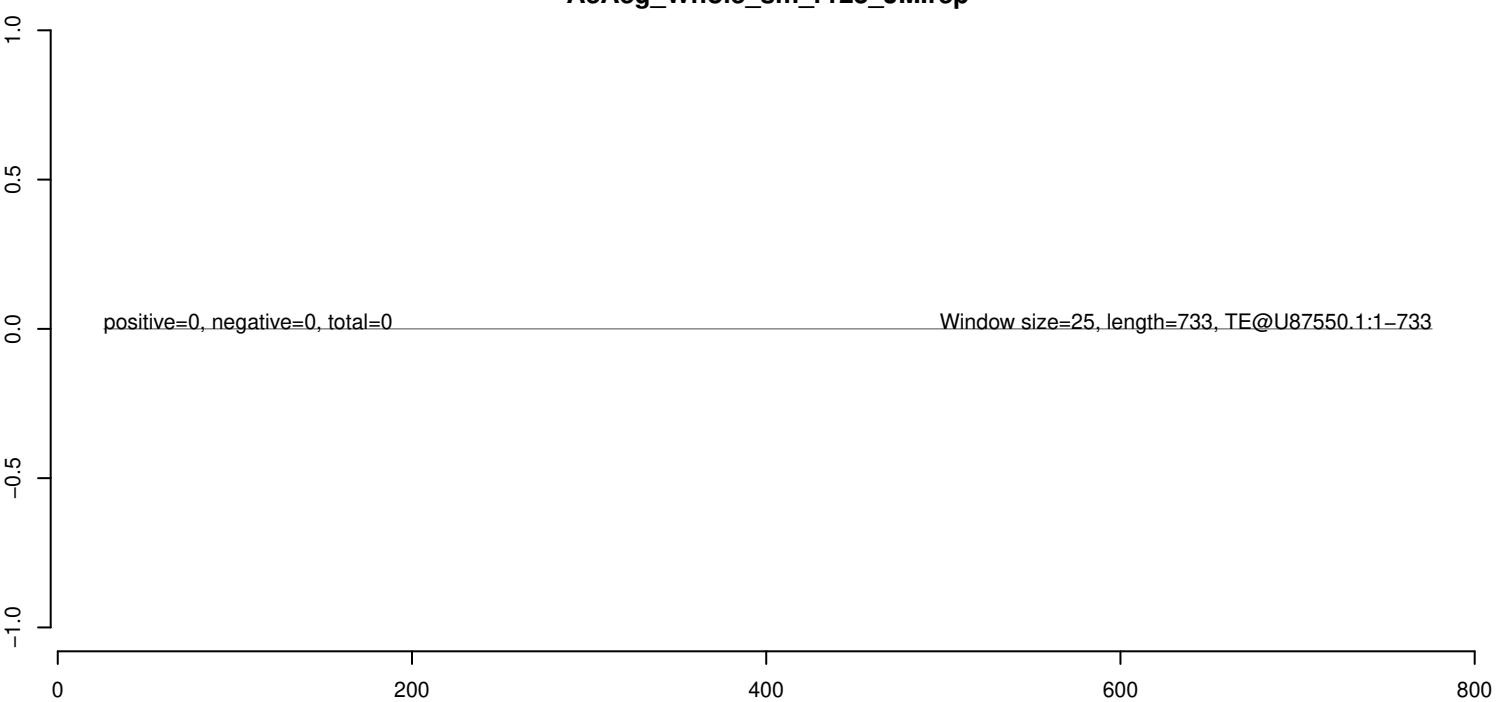
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=238, TE@U87544.1:1-238

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

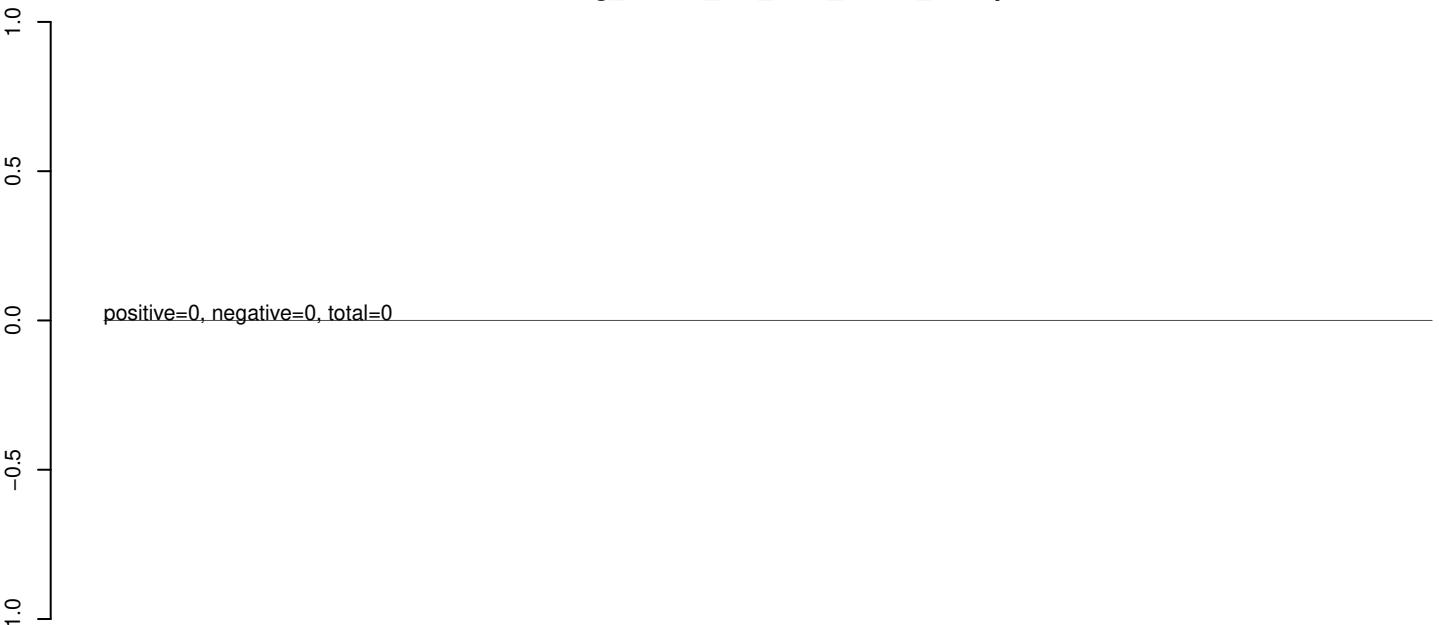
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

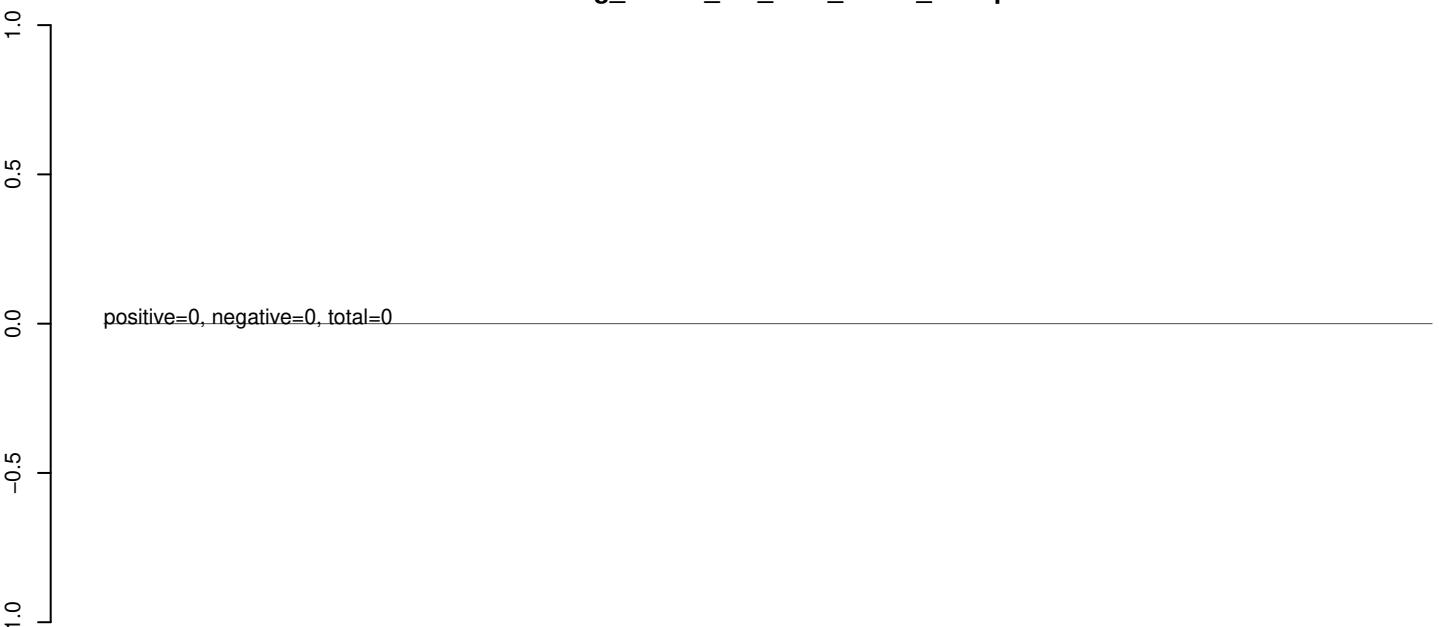
positive=0, negative=0, total=0

Window size=25, length=1590, TE@U65374.1:1–1590

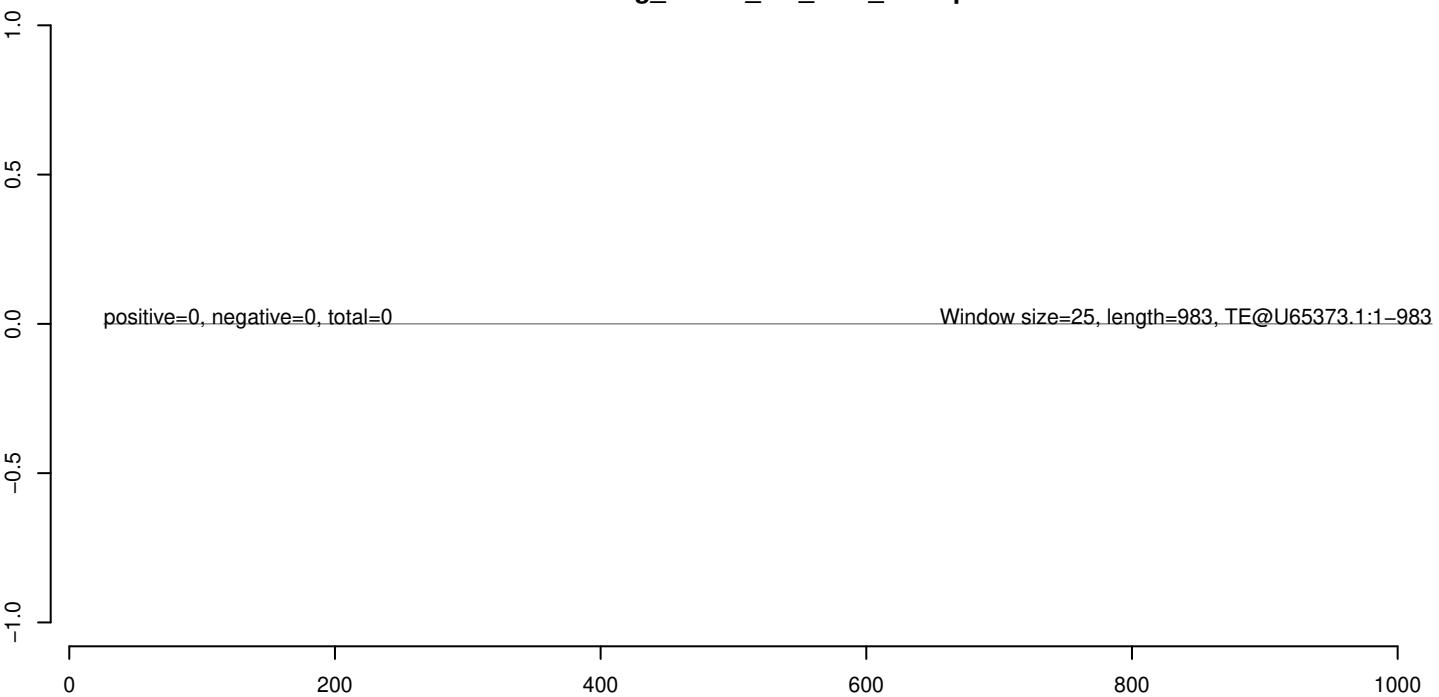
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



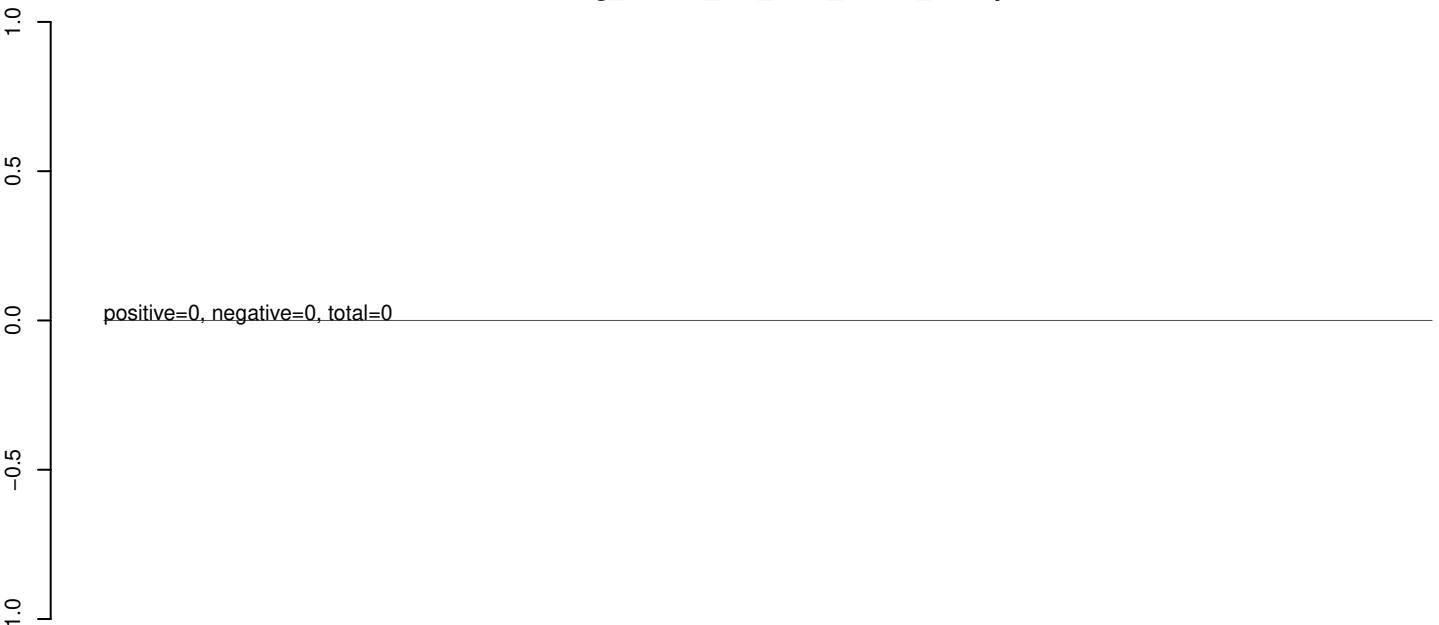
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



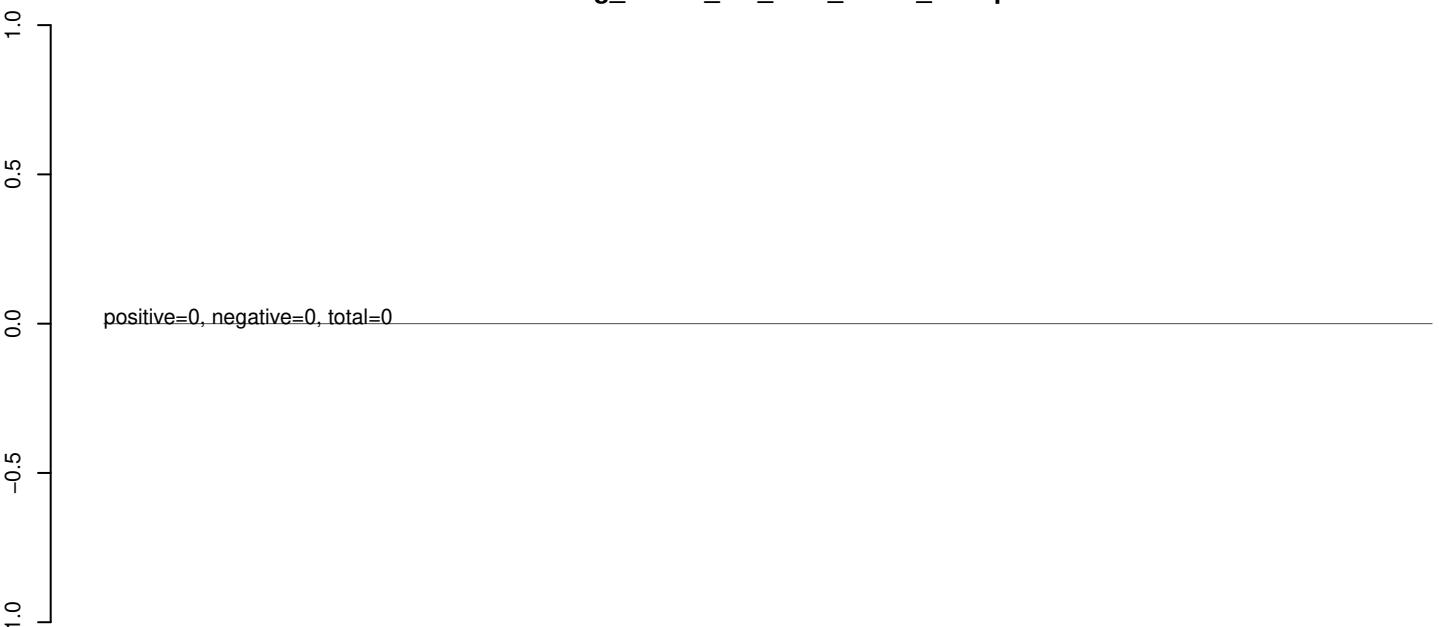
**AeAeg\_Whole\_sm\_r123\_JM.rep**



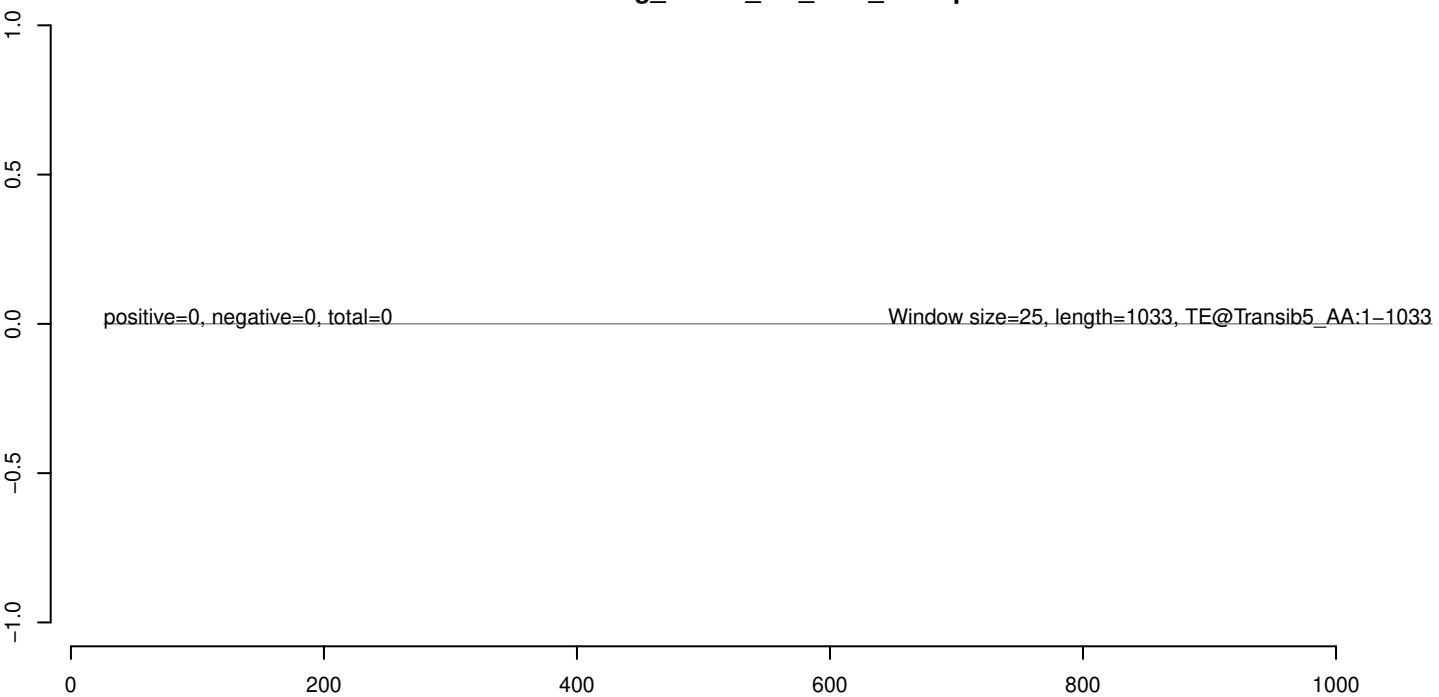
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



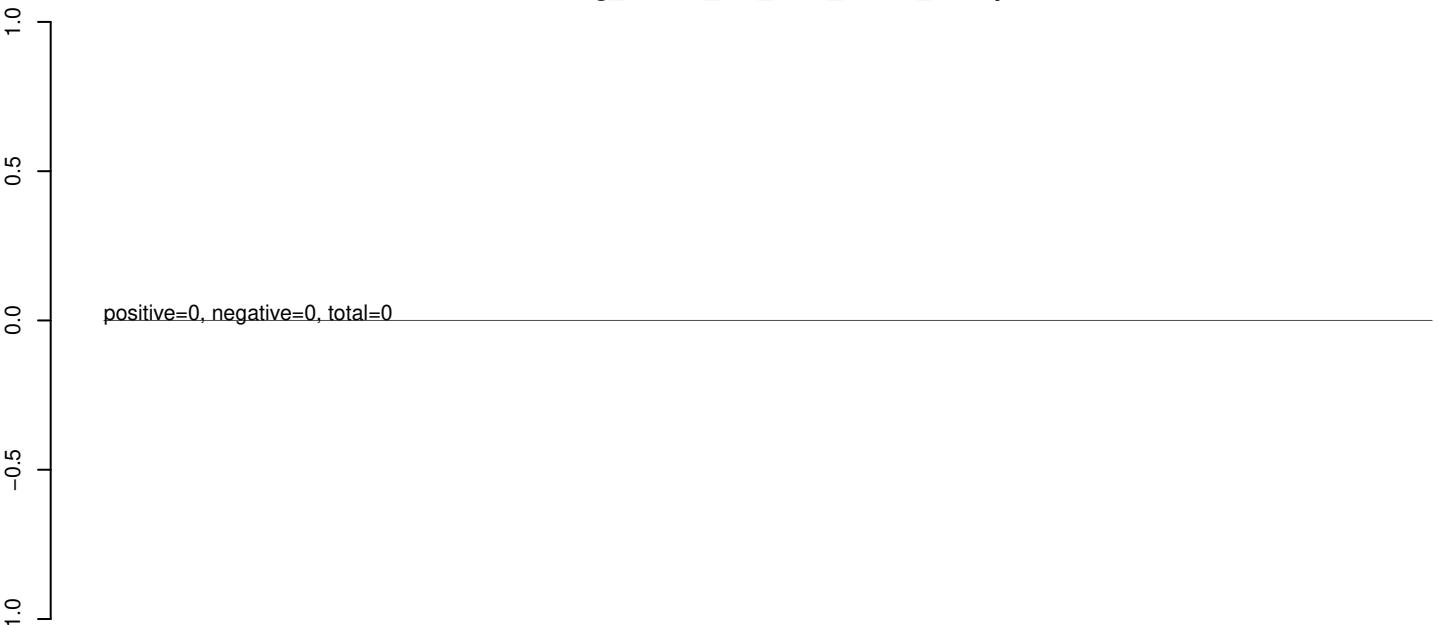
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



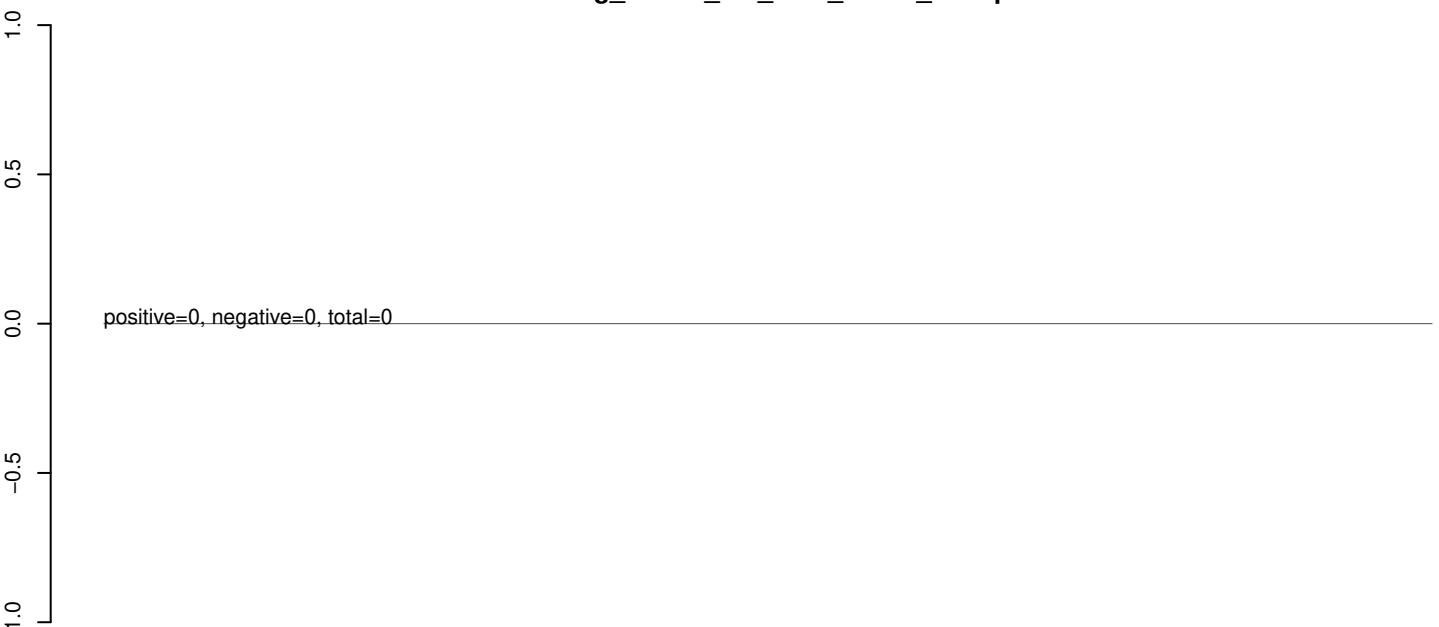
**AeAeg\_Whole\_sm\_r123\_JM.rep**



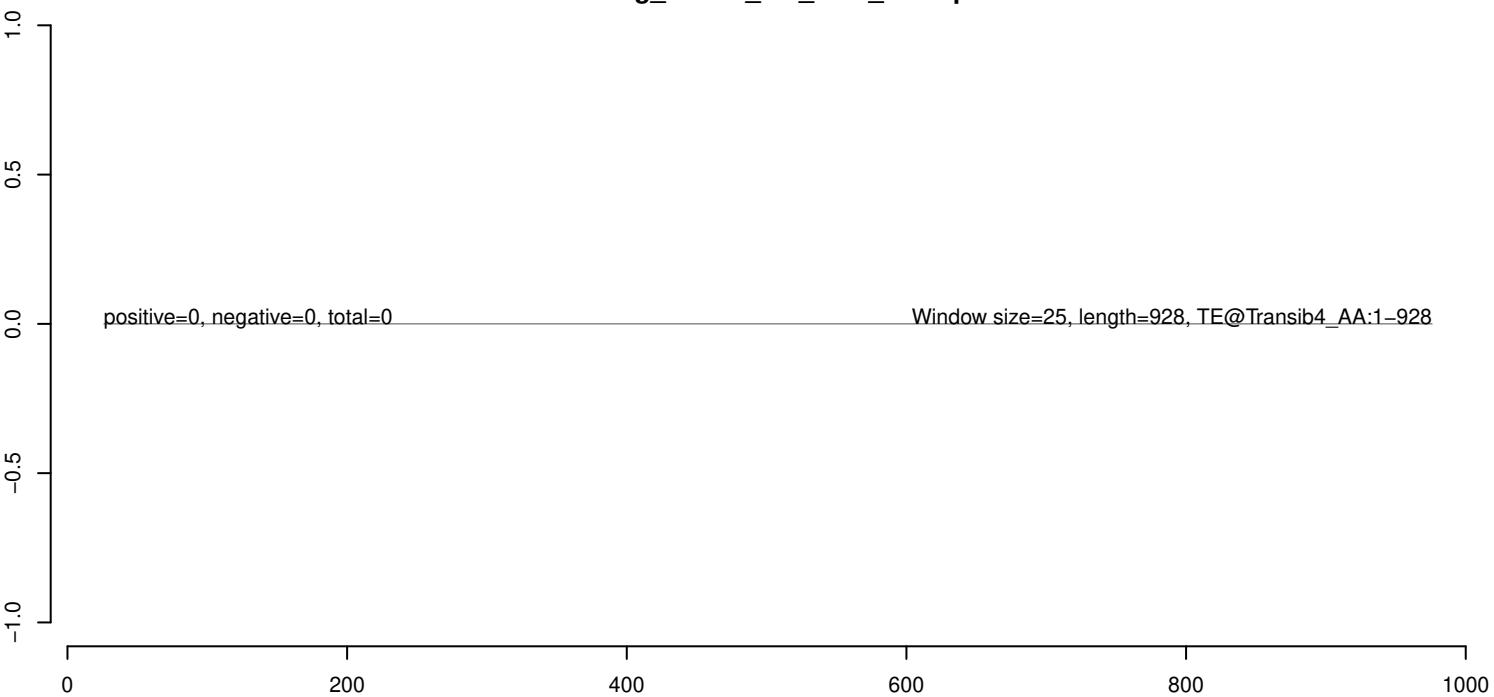
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



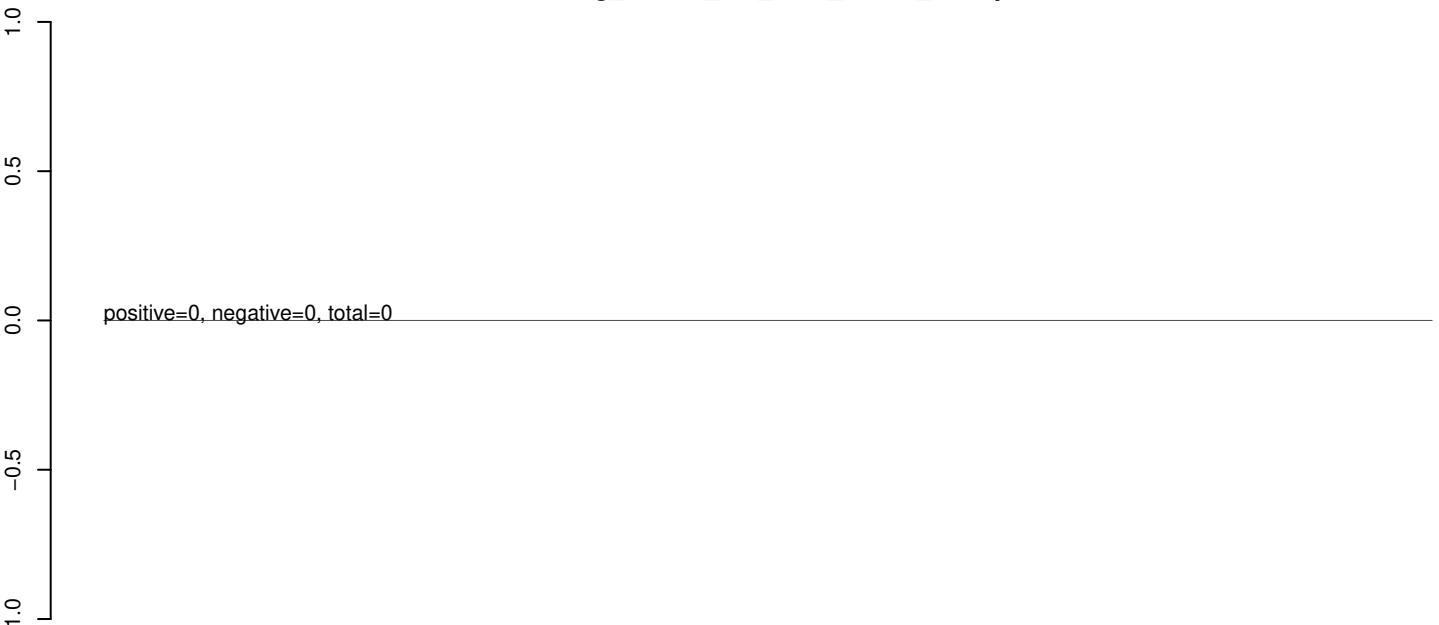
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



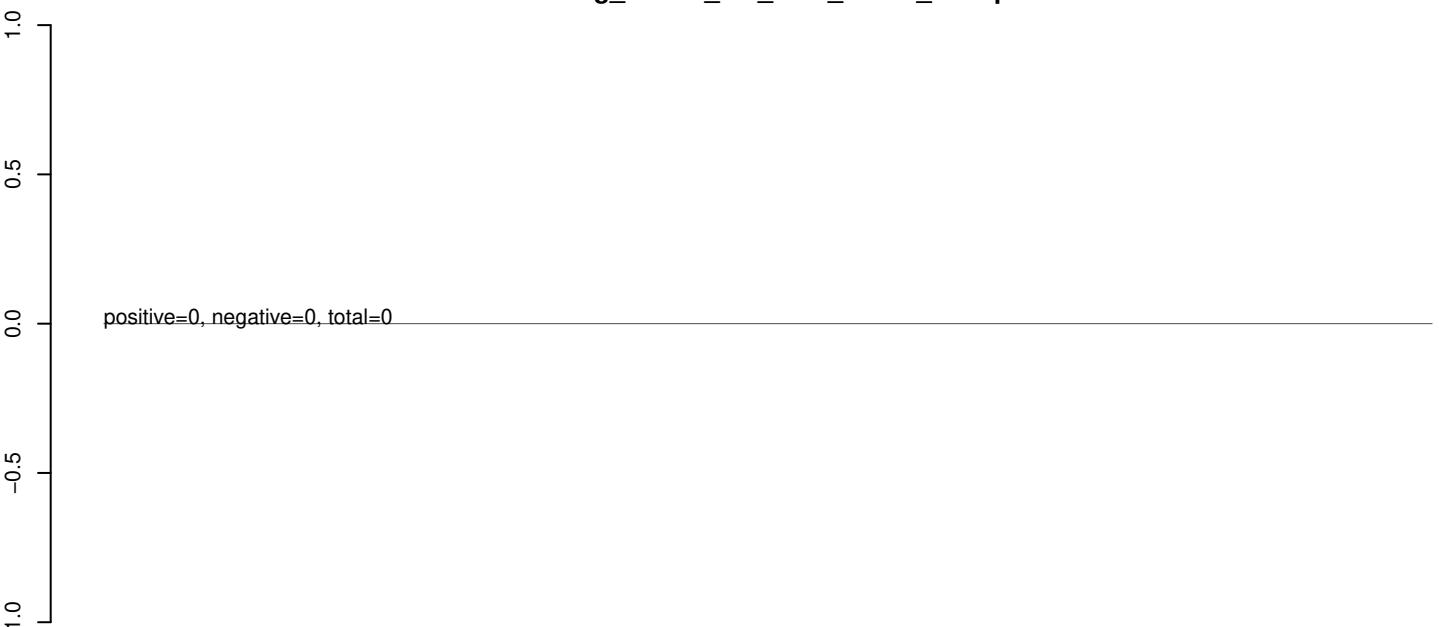
**AeAeg\_Whole\_sm\_r123\_JM.rep**



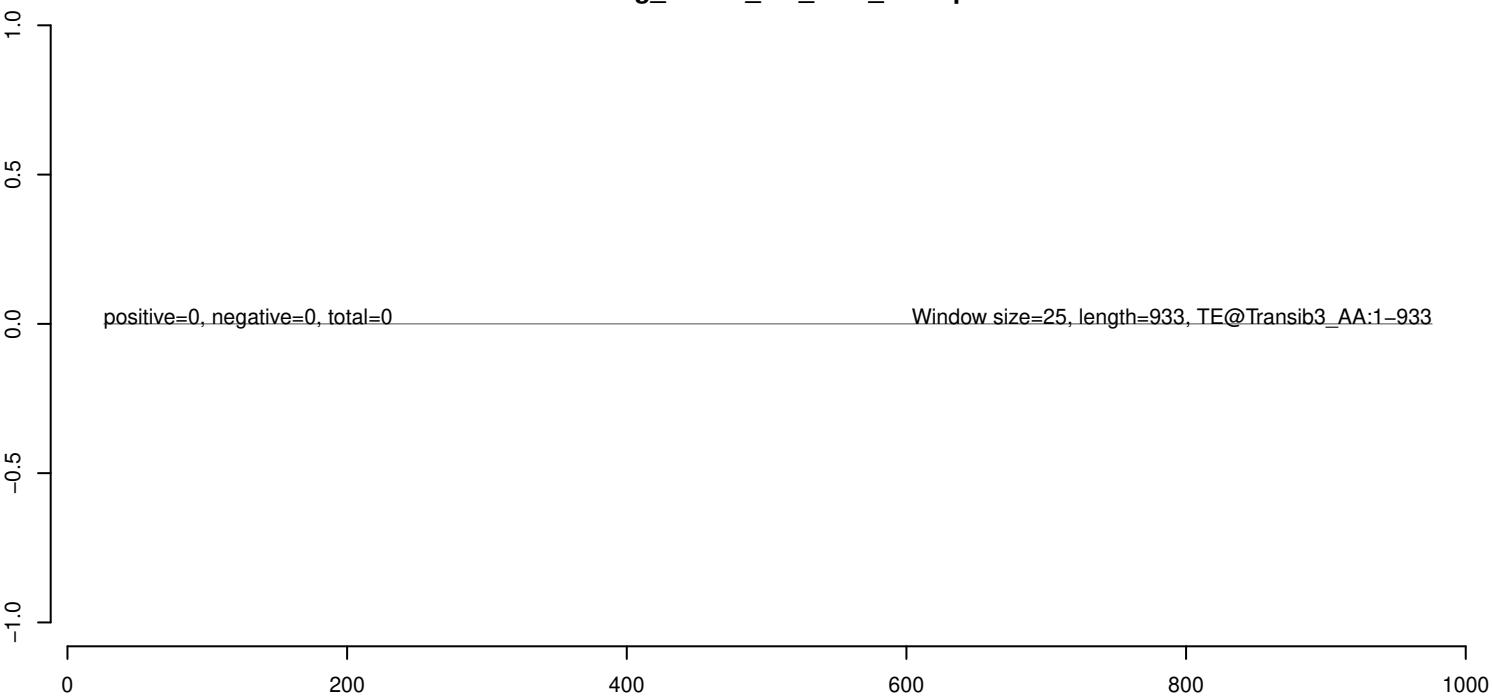
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=3683, TE@Transib1\_AA:1–3683

0 1000 2000 3000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1625, TE@Transib-N4\_AAe:1-1625

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=3839, TE@TF001337-AeHermes1:1-3839

0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

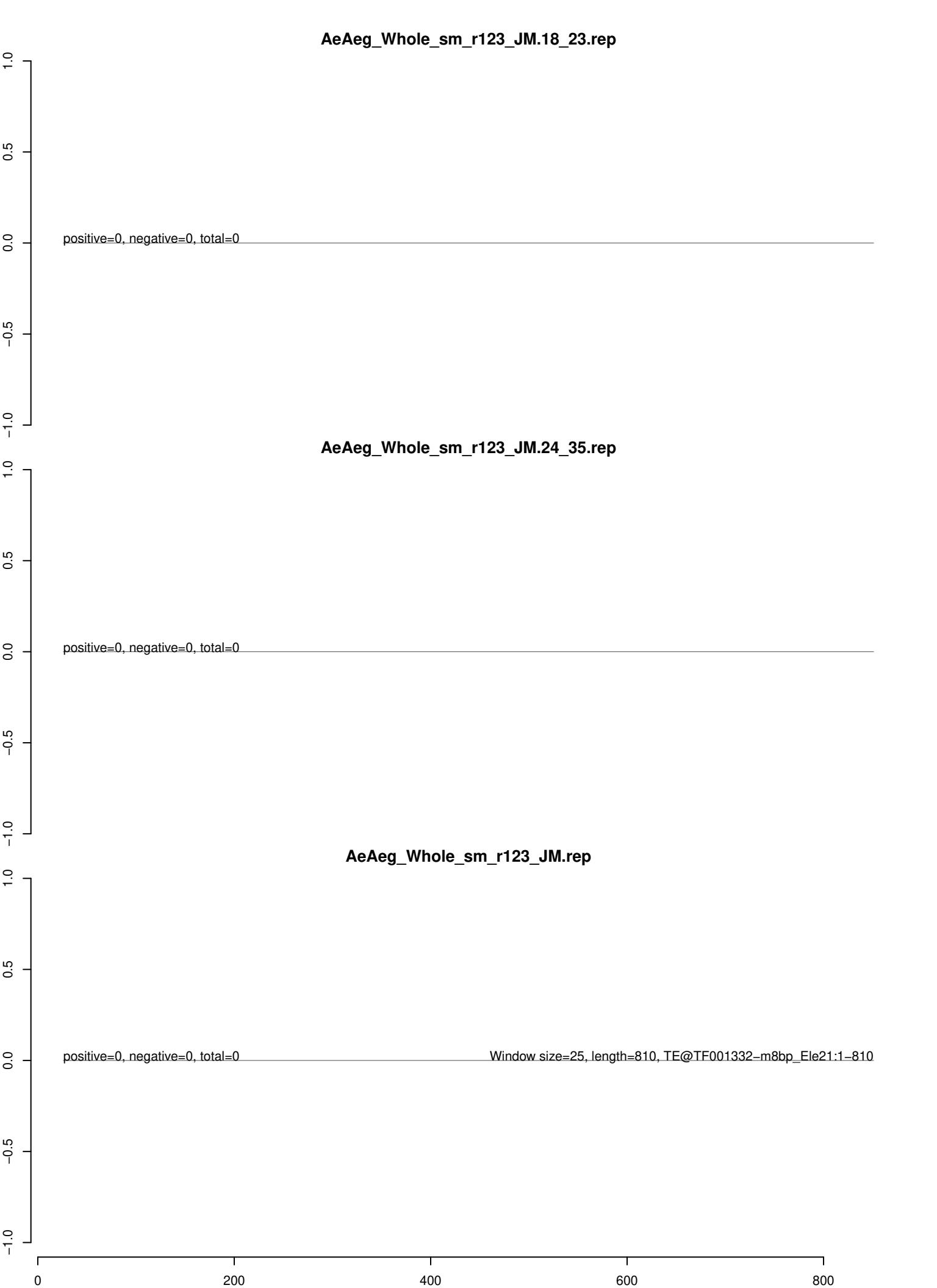
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=810, TE@TF001332-m8bp\_Ele21:1-810



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

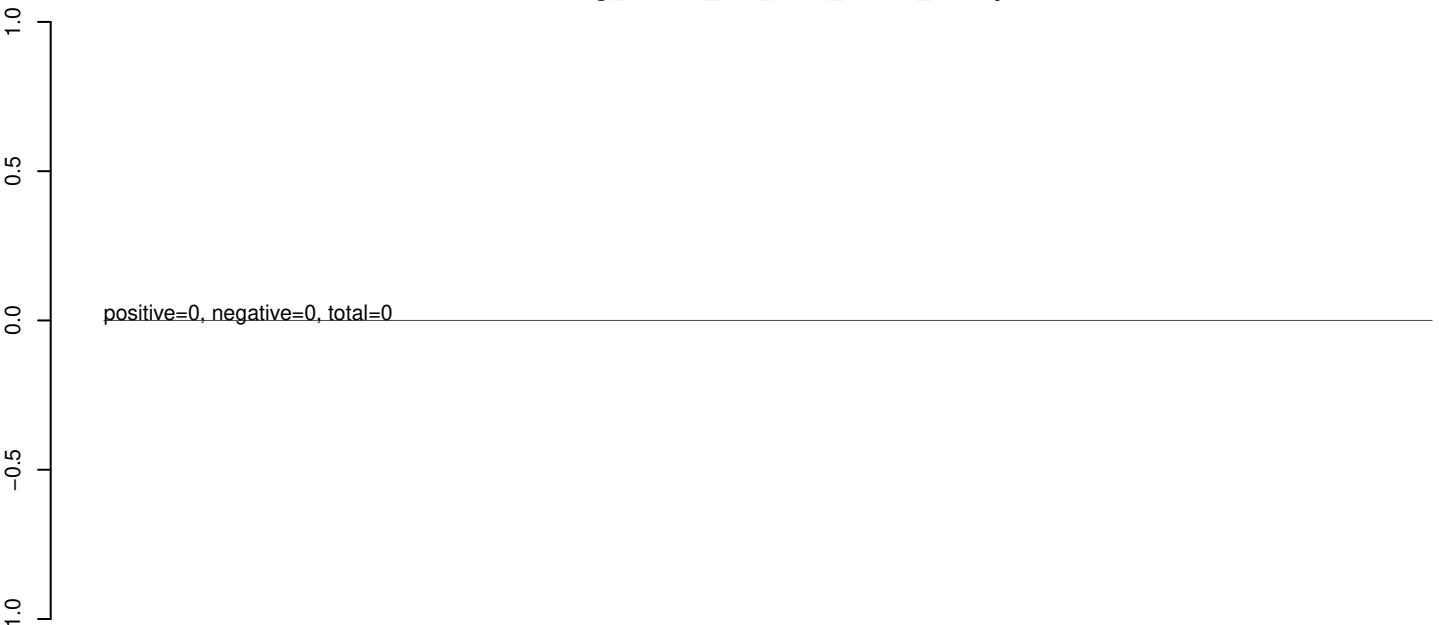
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

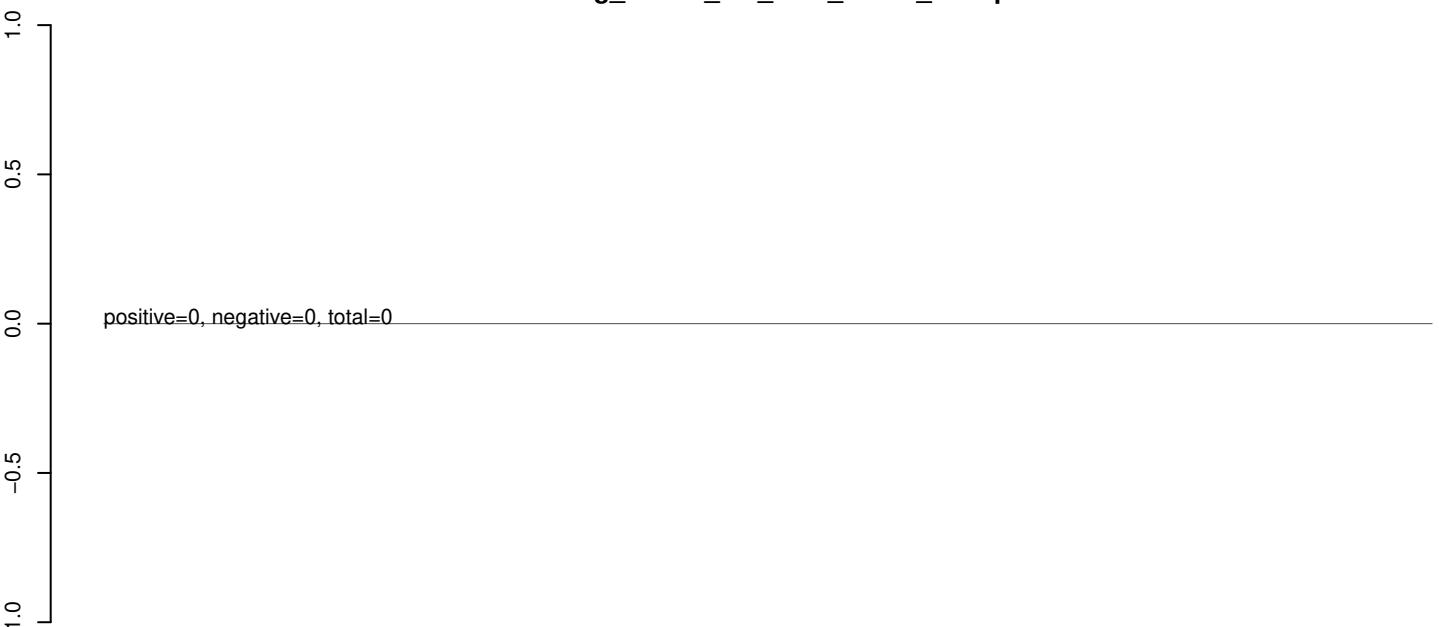
Window.size=25, length=919, TE@TF001323-ITmD37E\_Ele18:1-919

0 200 400 600 800

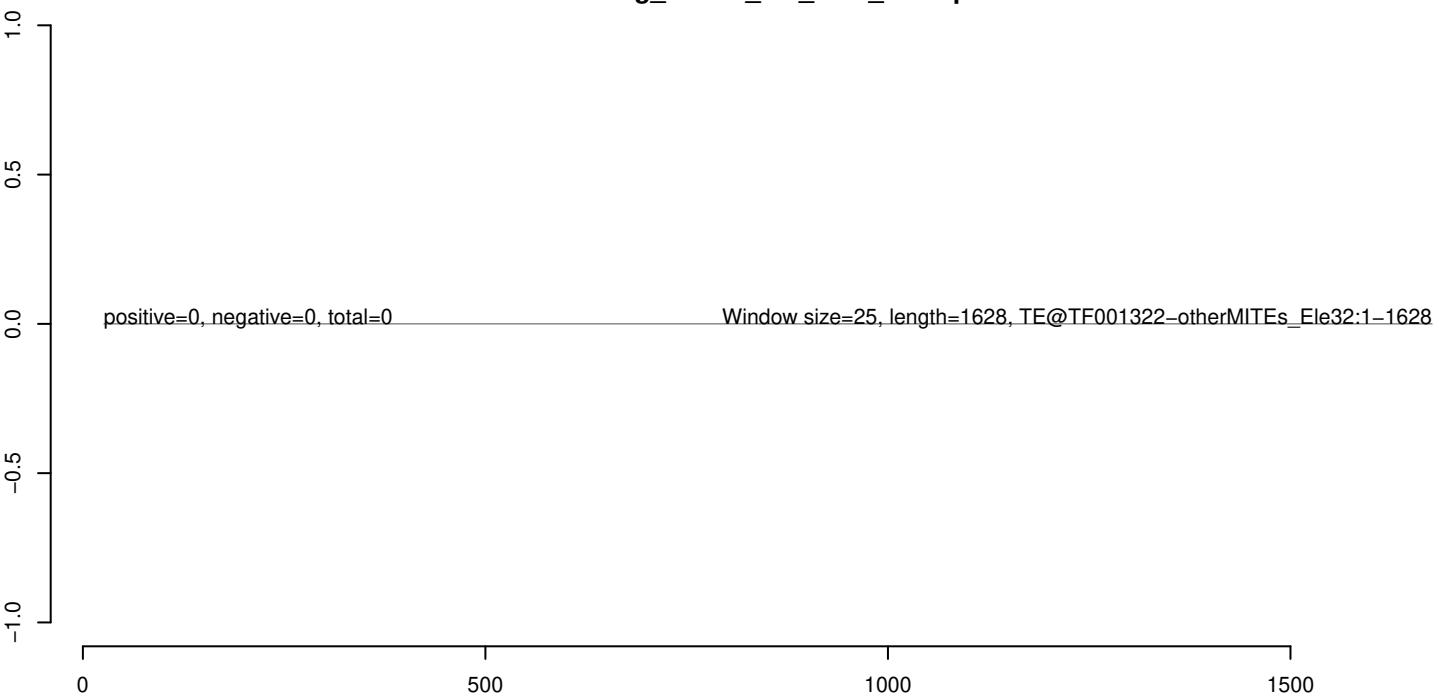
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



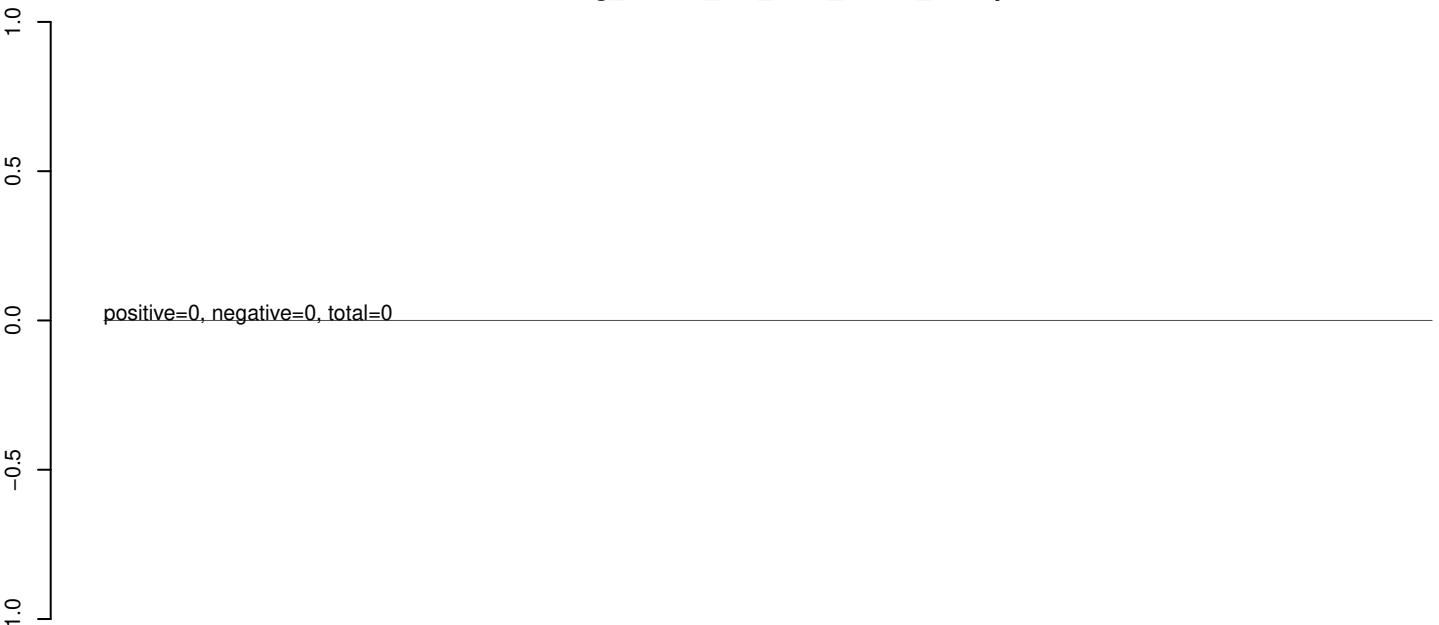
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



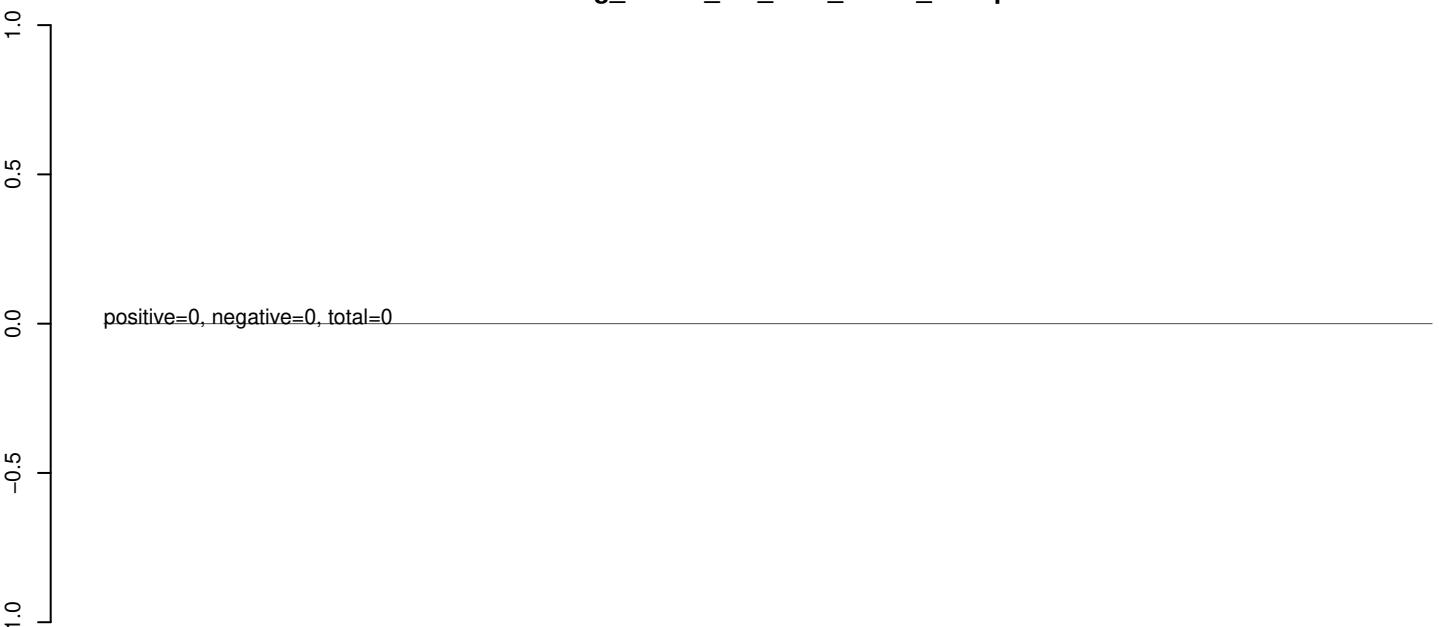
**AeAeg\_Whole\_sm\_r123\_JM.rep**



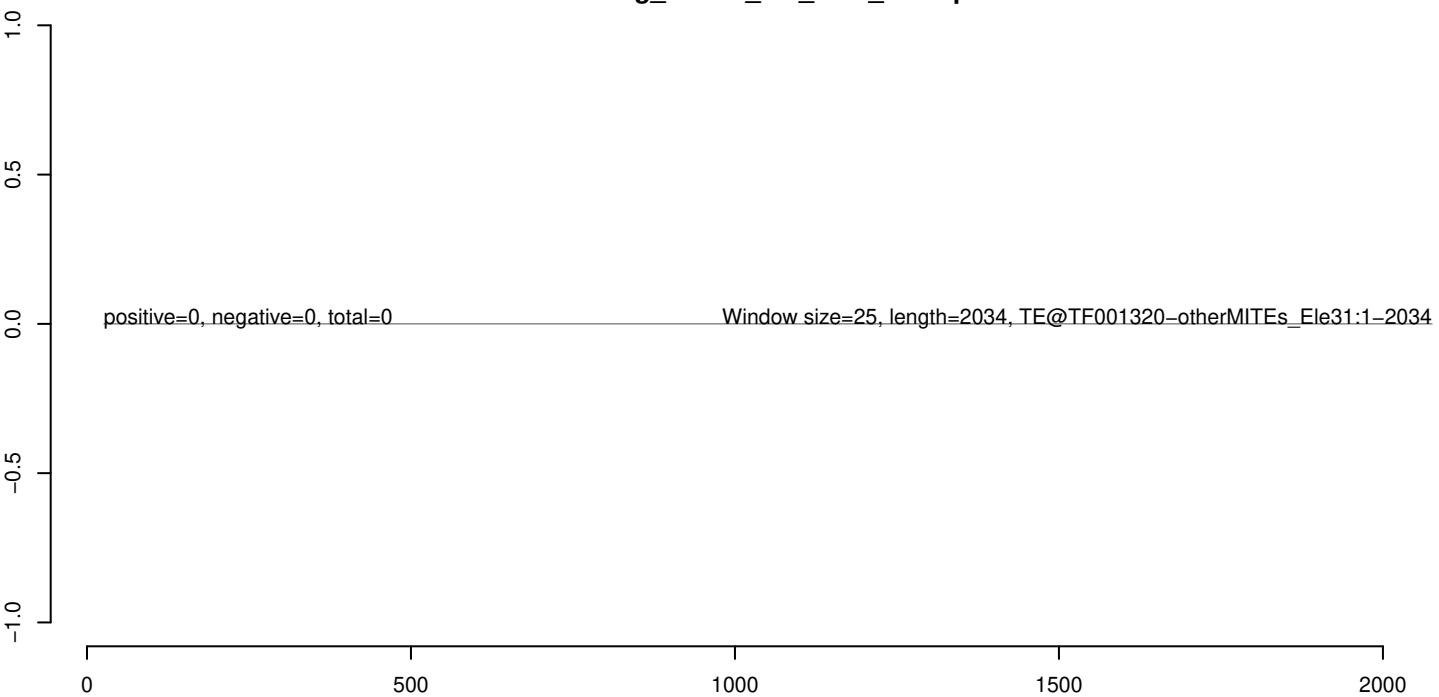
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

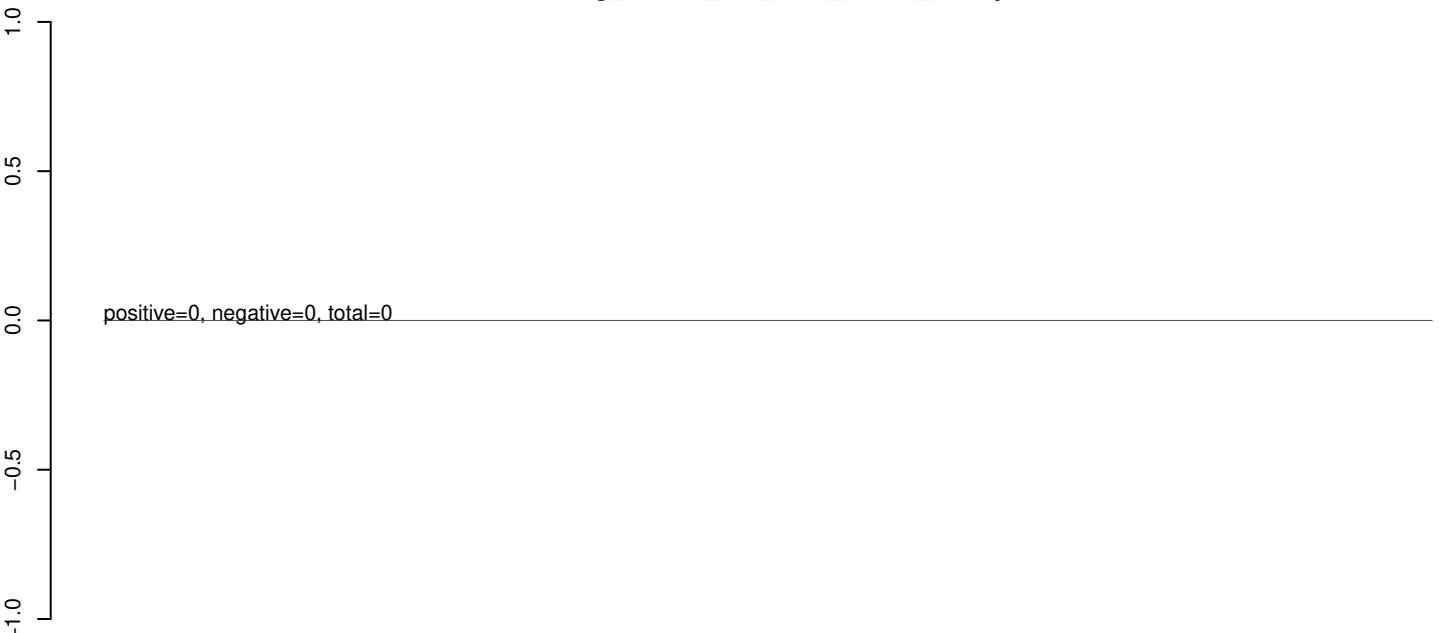
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

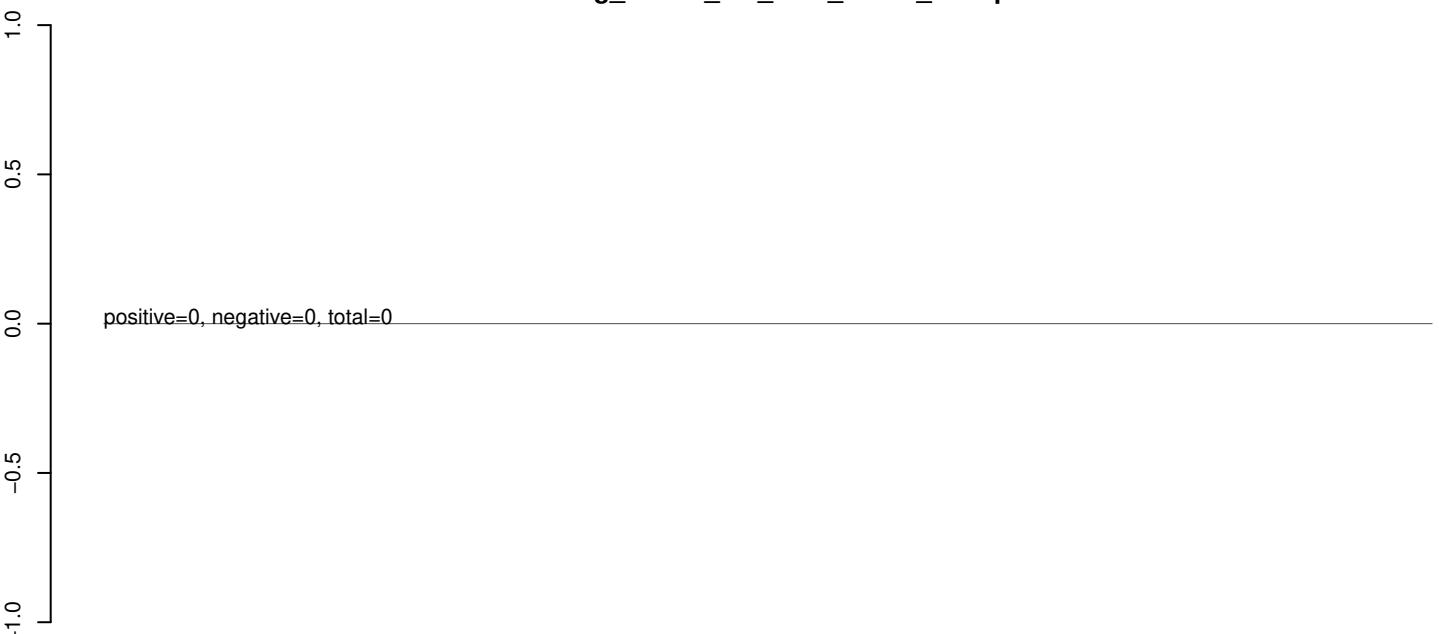
Window size=25, length=536, TE@TF001319-mTA\_Ele55:1-536

100 200 300 400 500

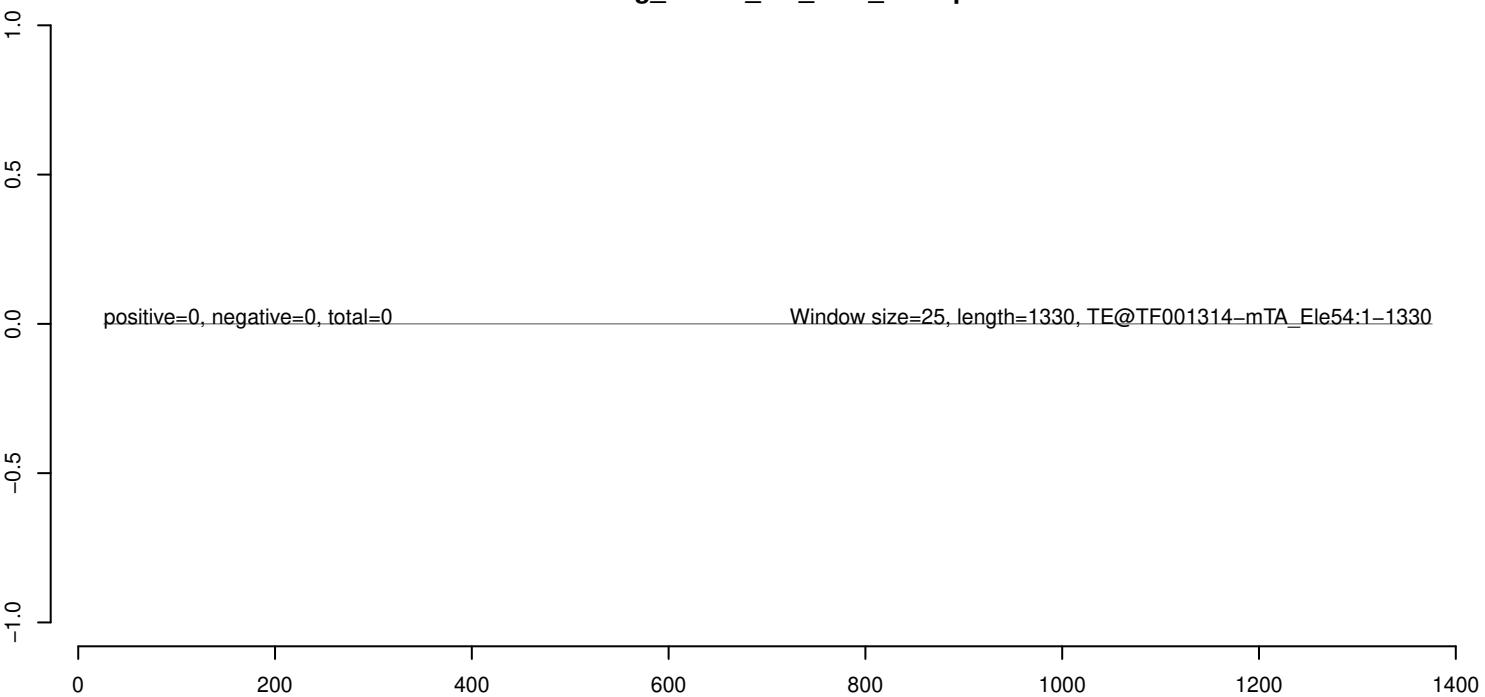
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



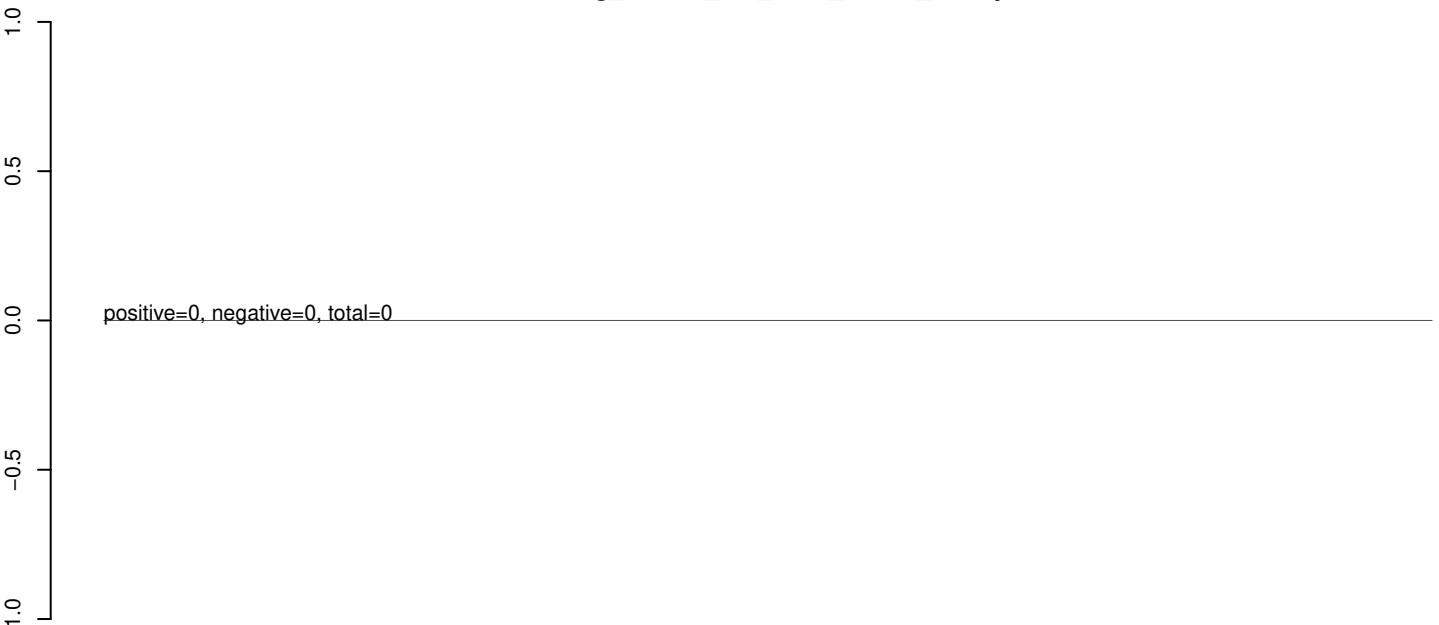
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



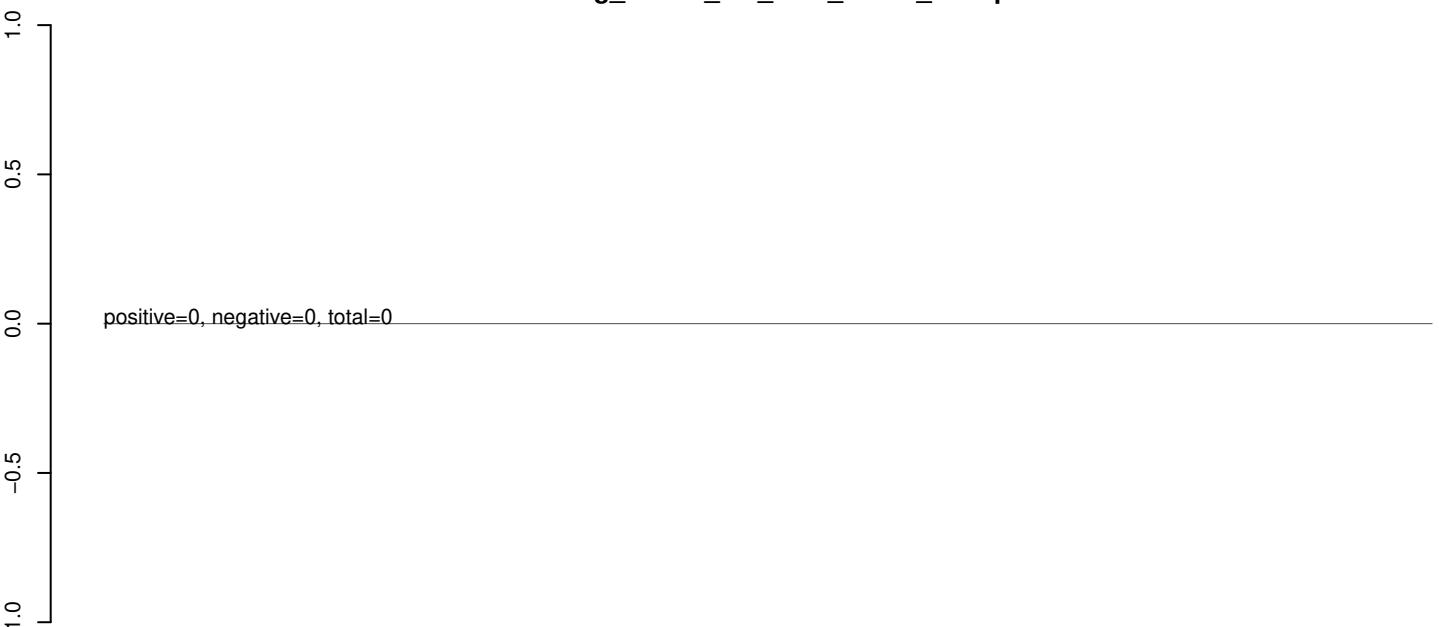
**AeAeg\_Whole\_sm\_r123\_JM.rep**



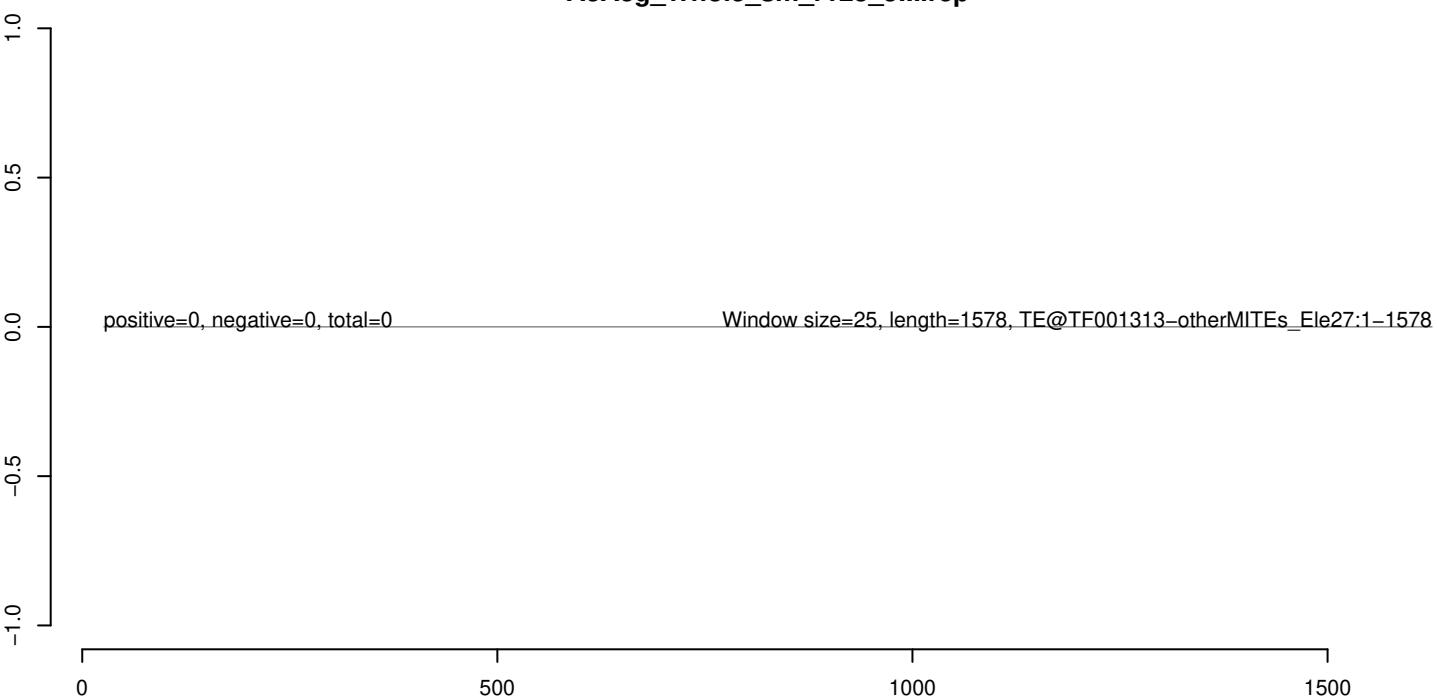
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



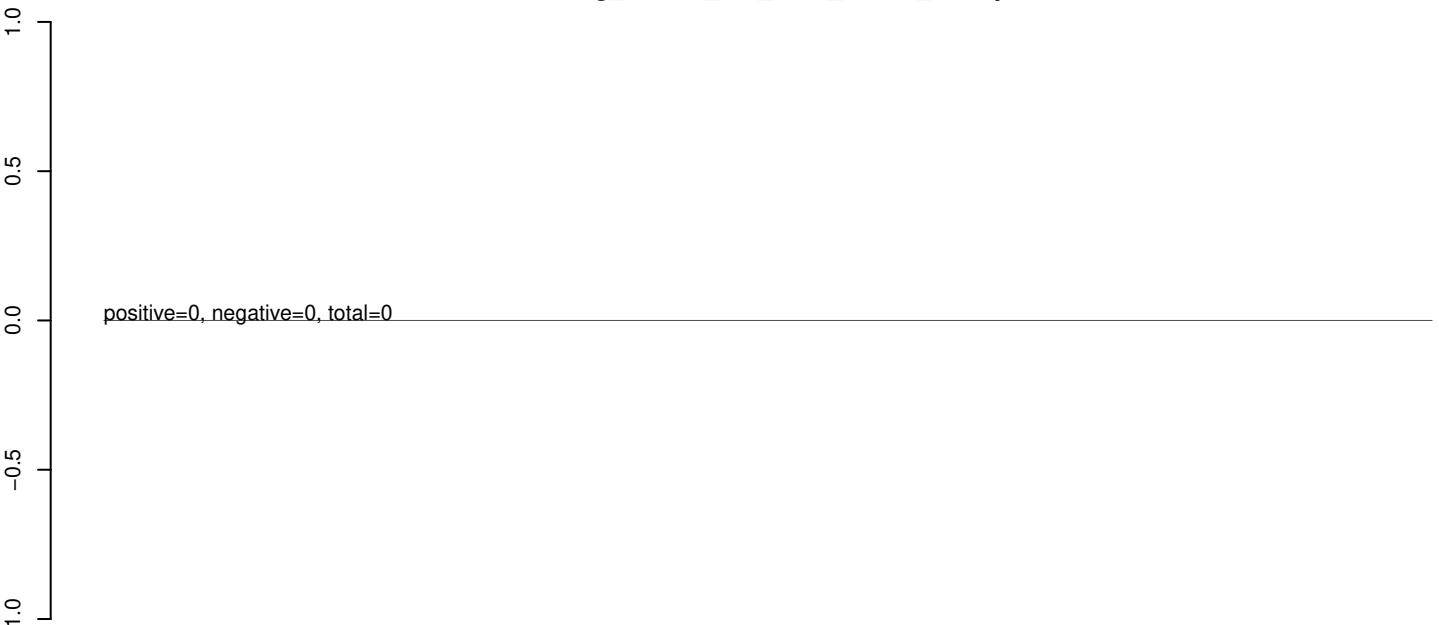
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



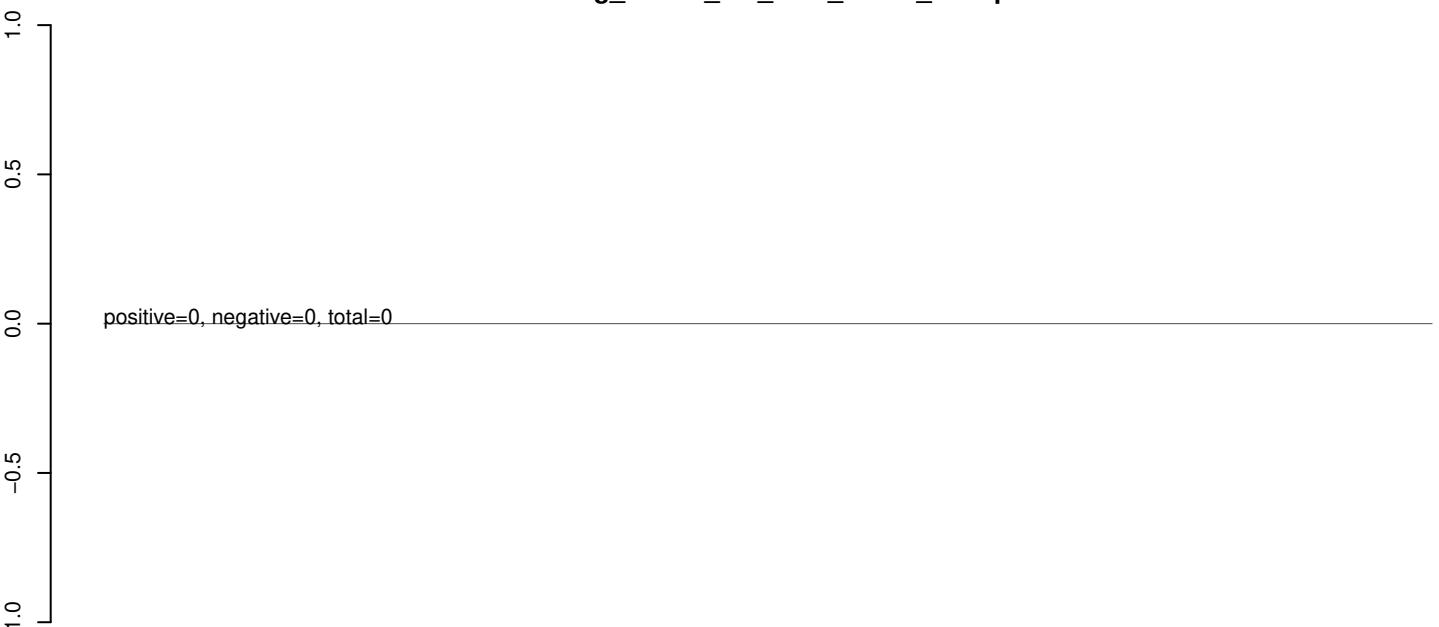
**AeAeg\_Whole\_sm\_r123\_JM.rep**



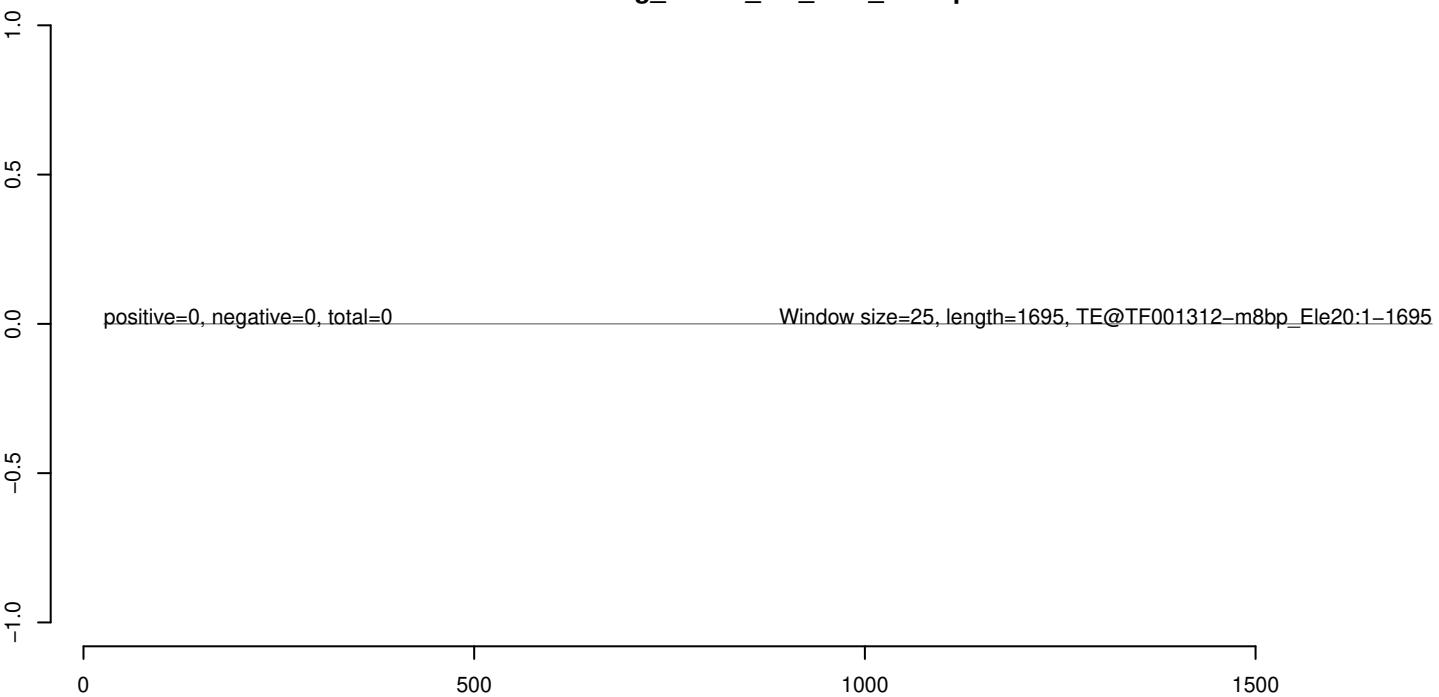
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

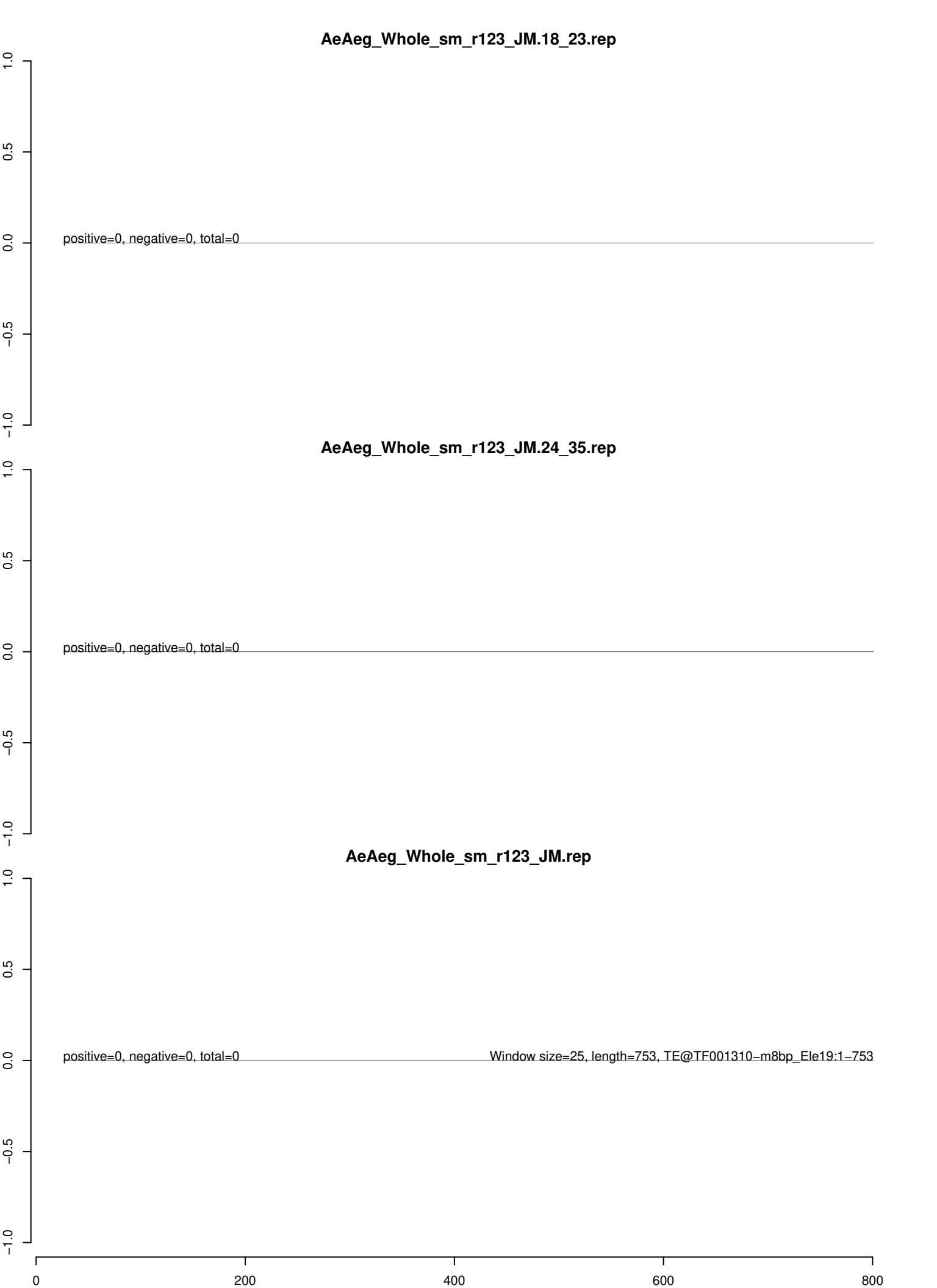
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=753, TE@TF001310-m8bp\_Ele19:1-753



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

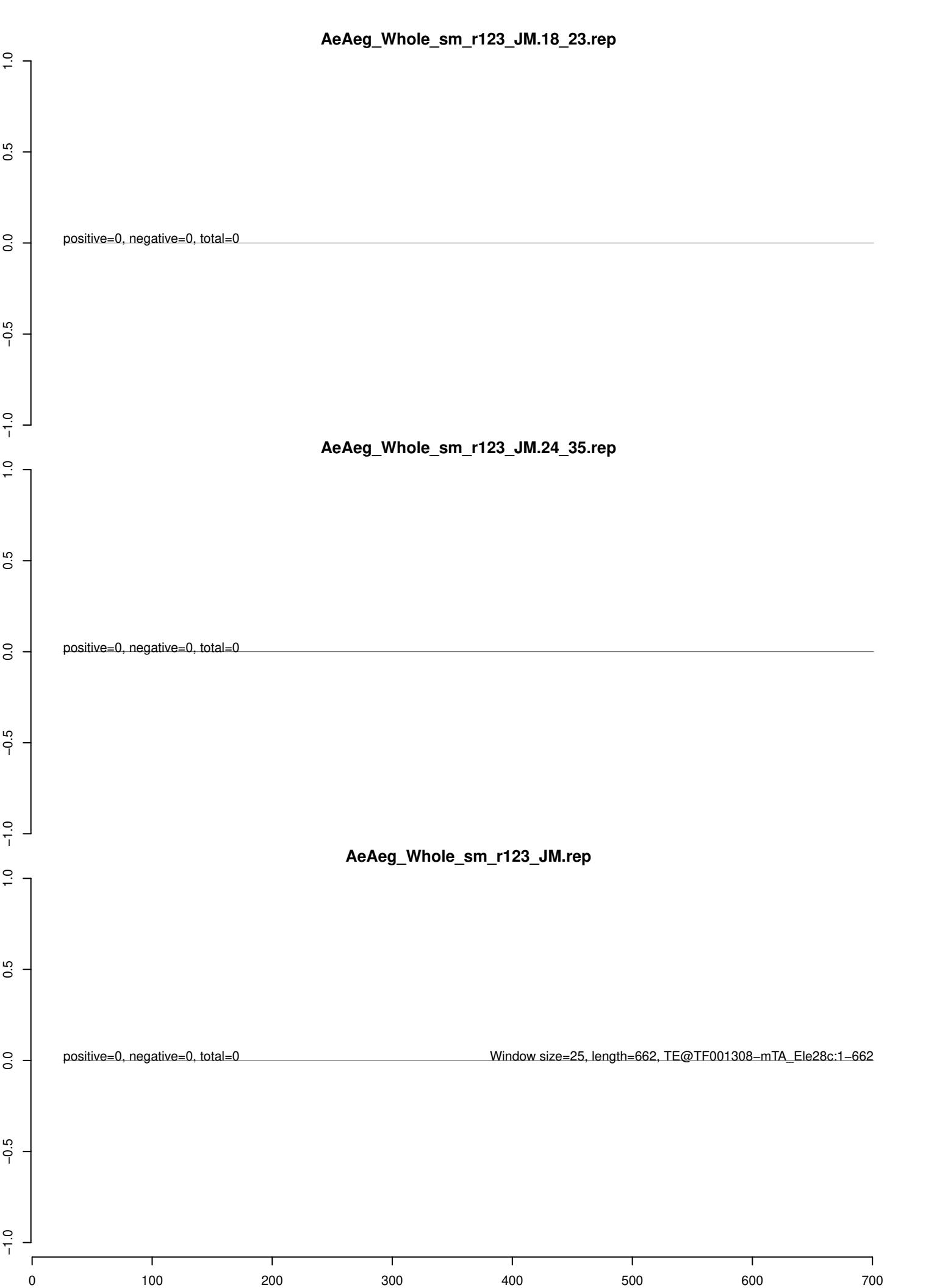
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

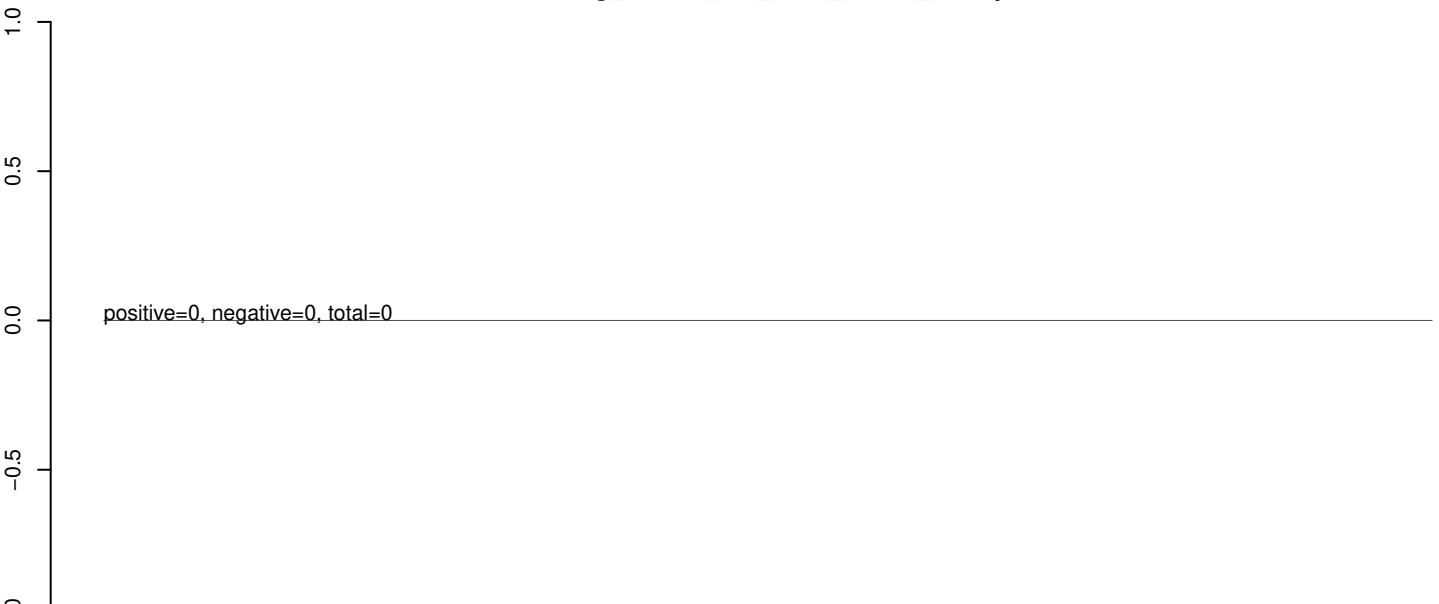
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=662, TE@TF001308-mTA\_Ele28c:1-662



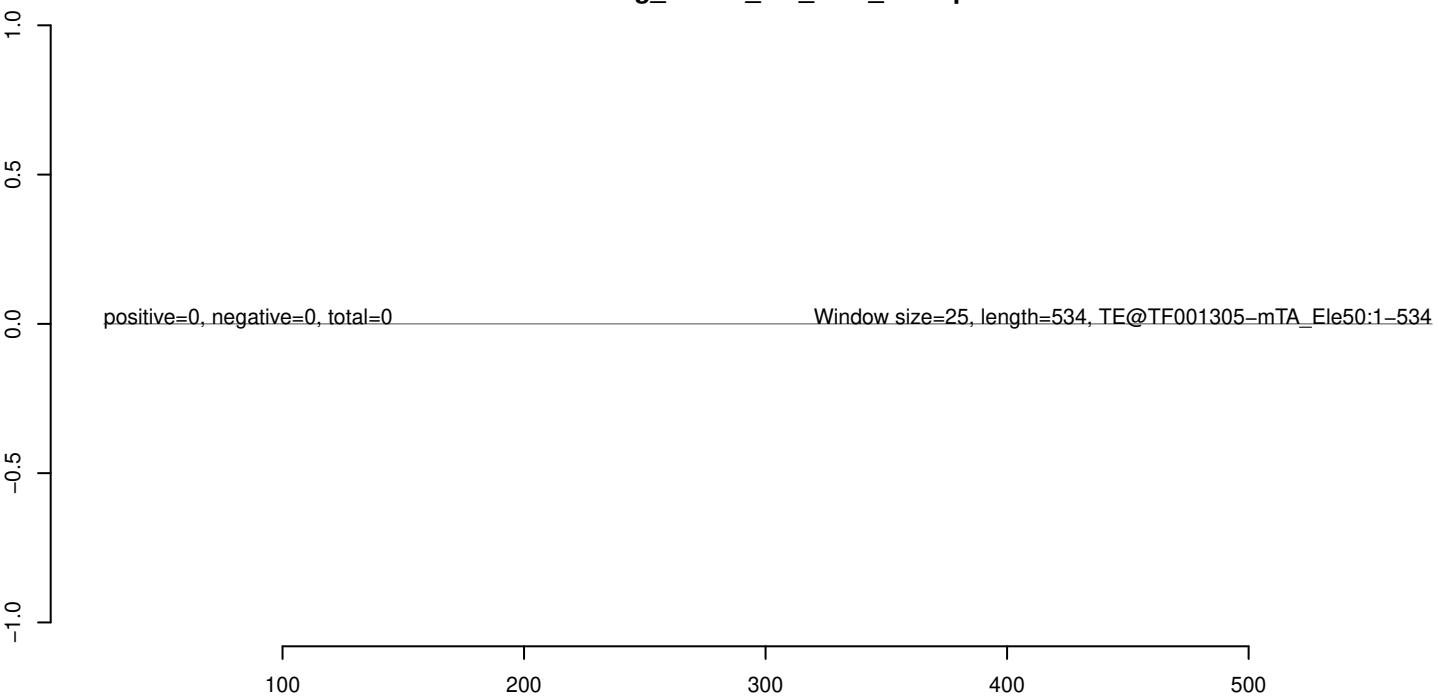
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



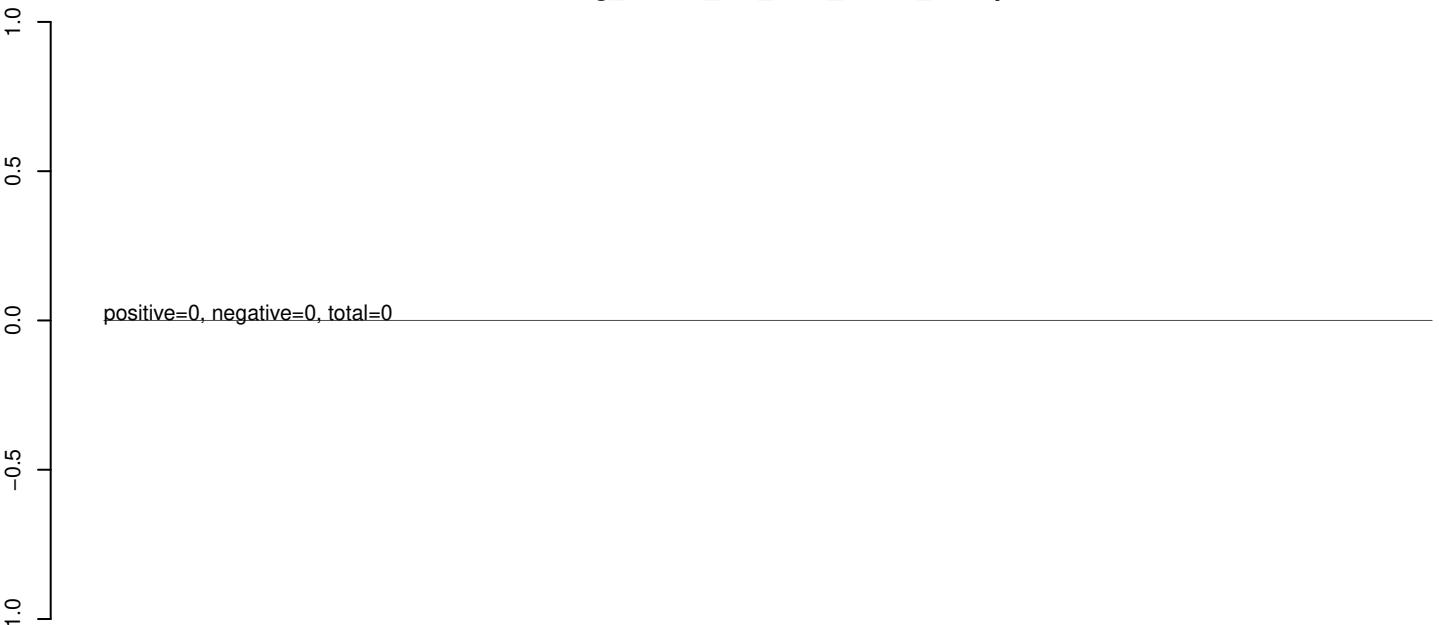
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



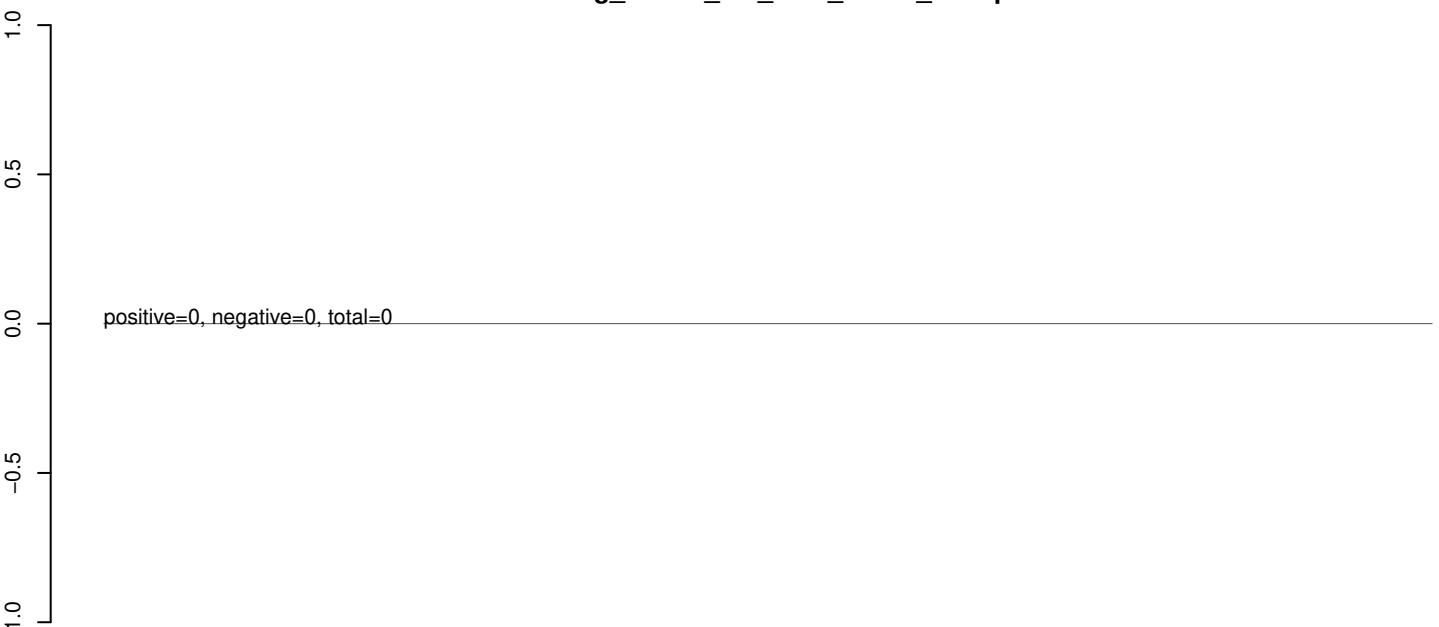
**AeAeg\_Whole\_sm\_r123\_JM.rep**



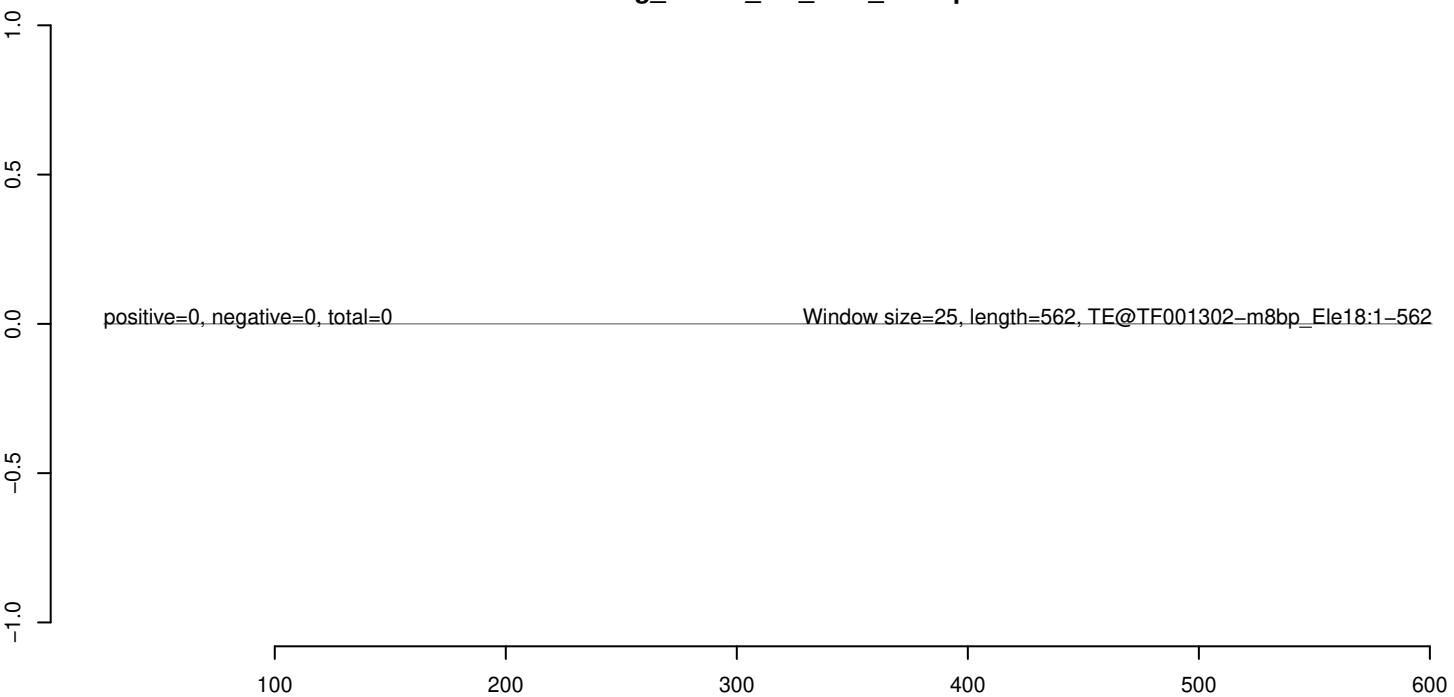
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=512, TE@TF001301-mTA\_Ele49:1-512

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=441, TE@TF001298-mTA\_Ele48:1-441

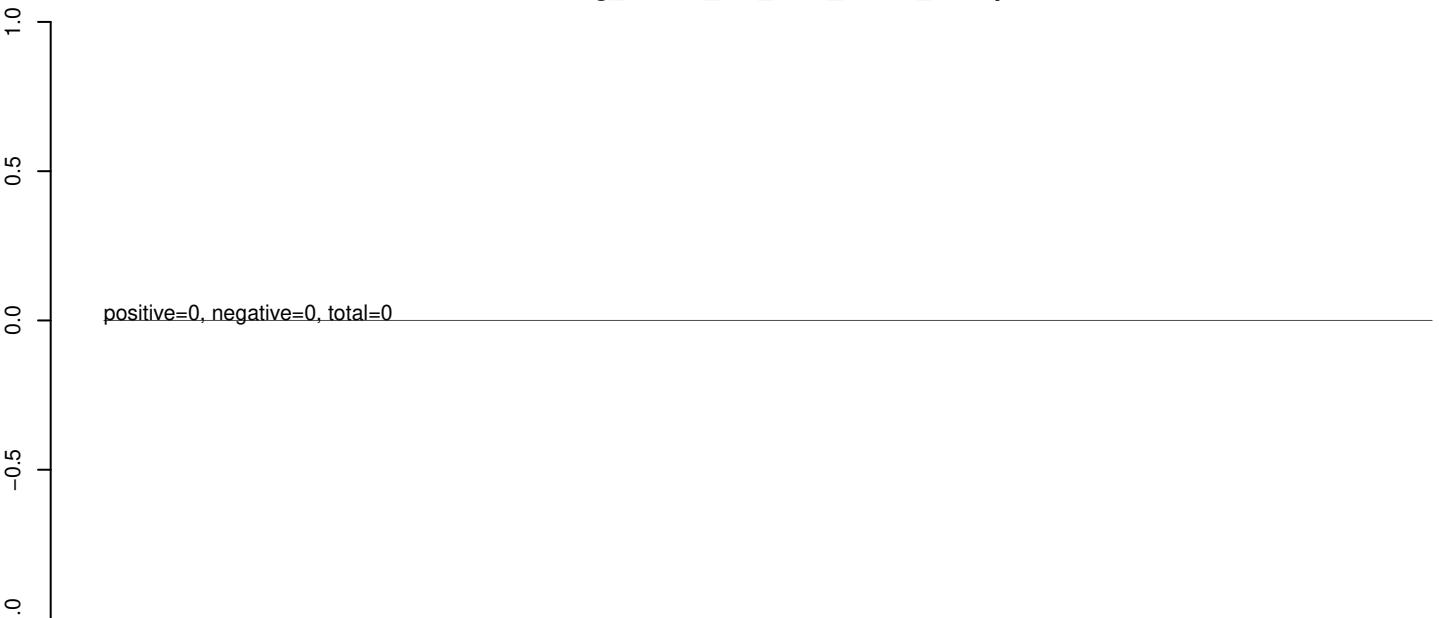
100

200

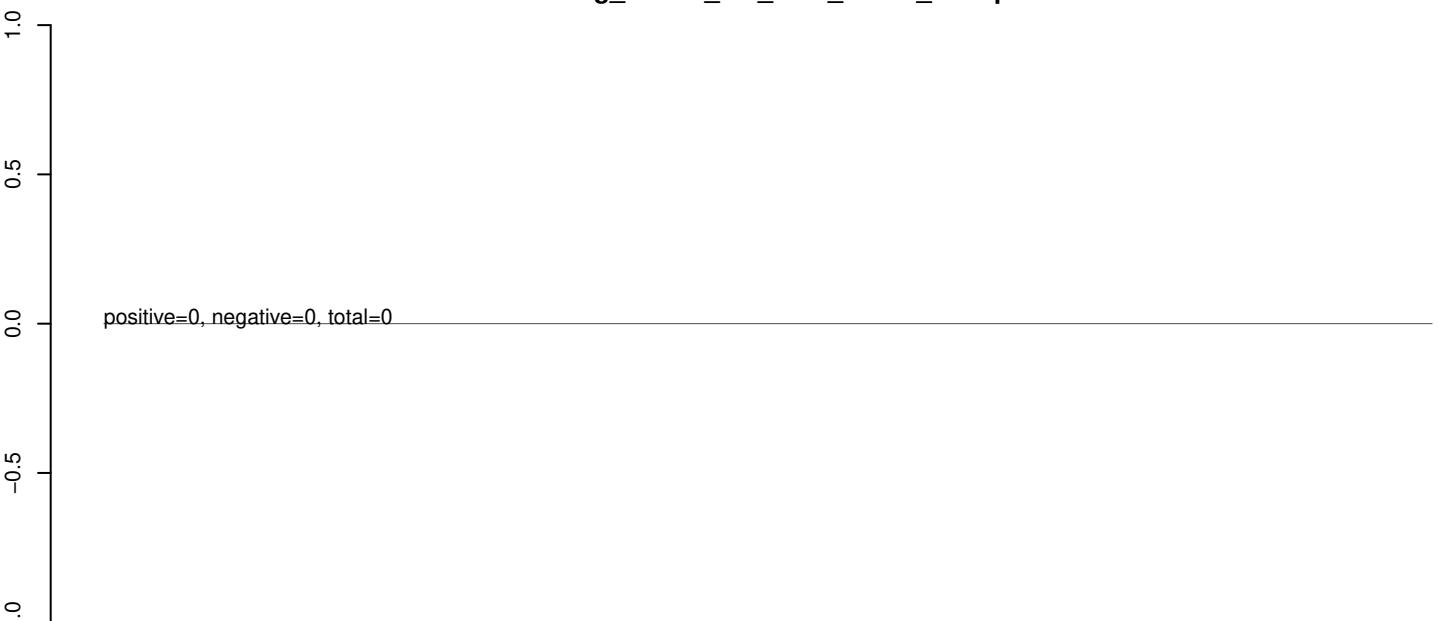
300

400

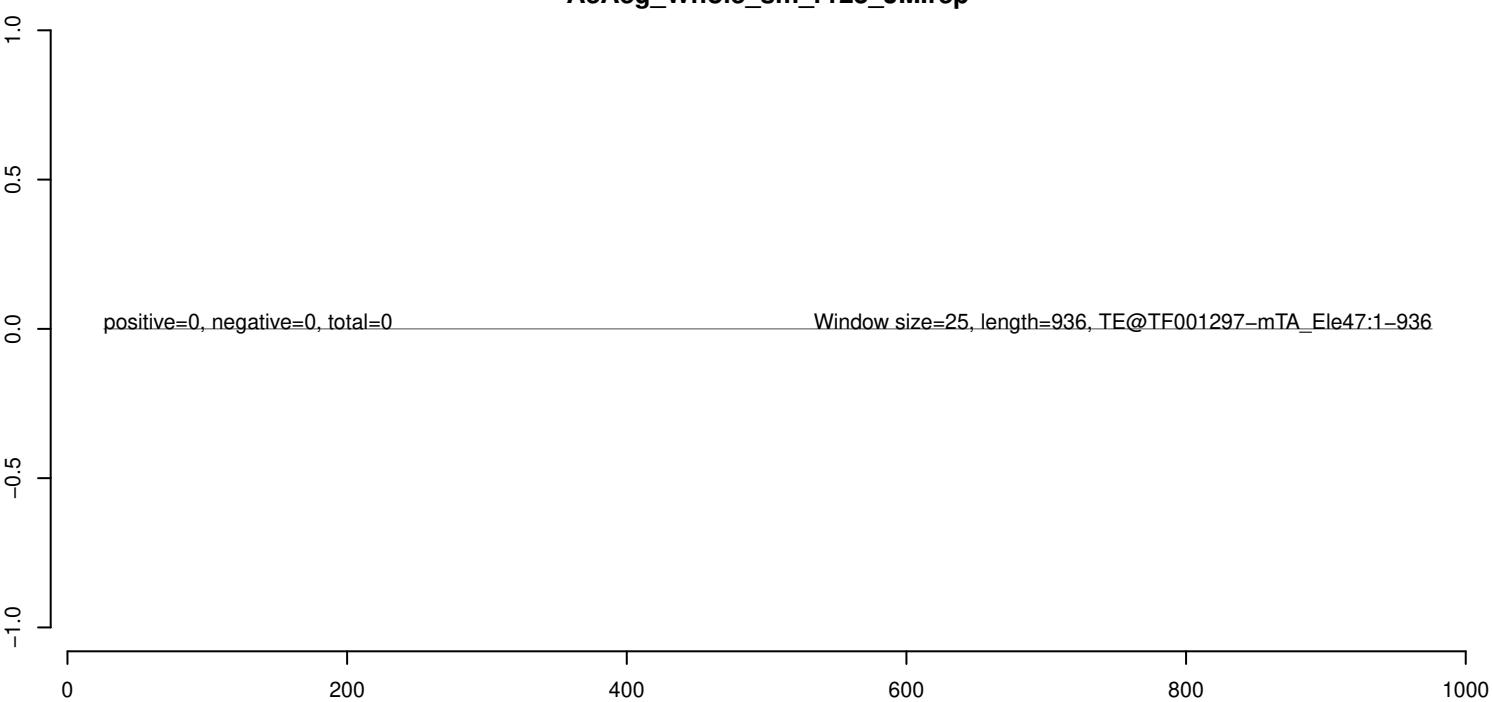
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1745, TE@TF001296-otherMITEs\_Ele20:1–1745

0 500 1000 1500

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

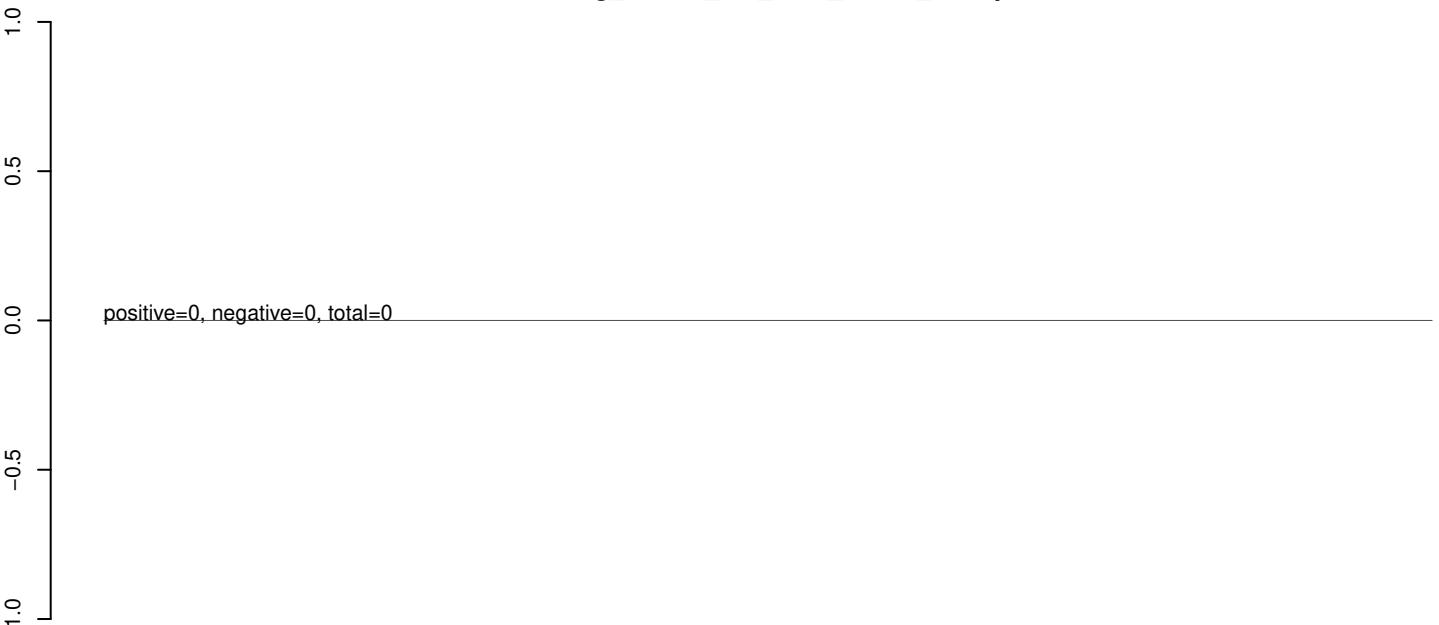
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

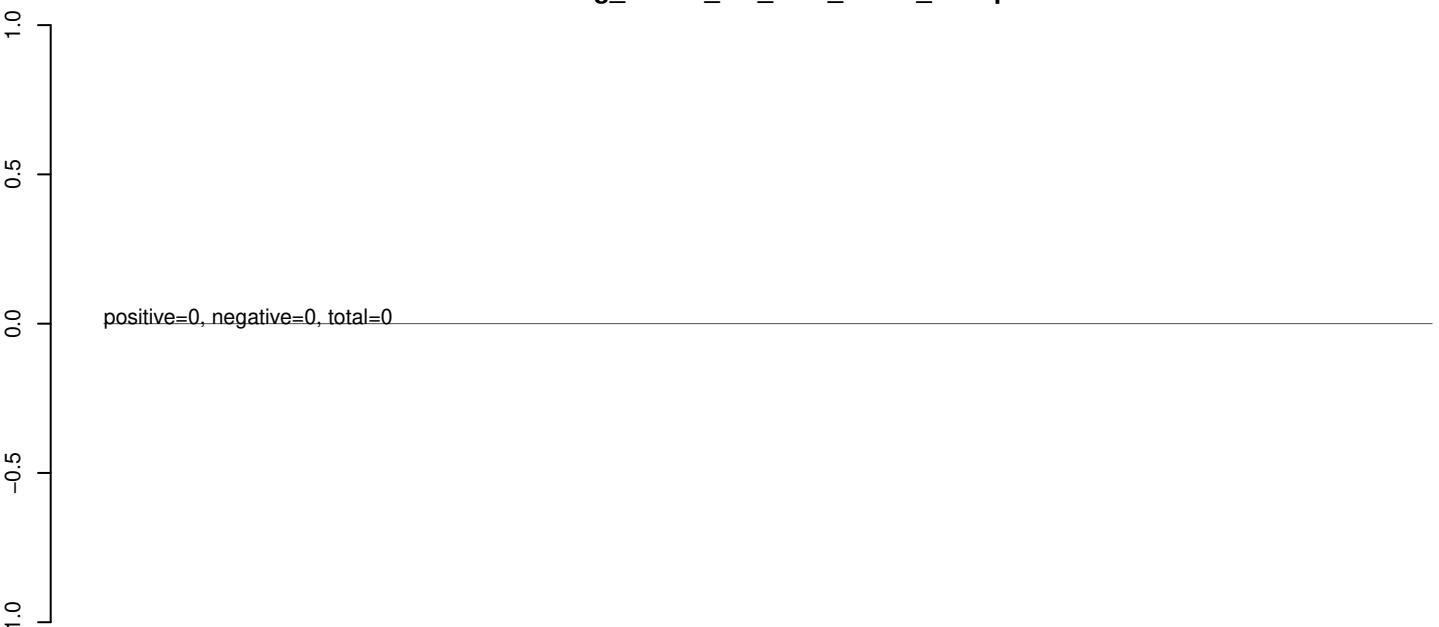
positive=0, negative=0, total=0

Window size=25, length=561, TE@TF001291-otherMITEs\_Ele17:1-561

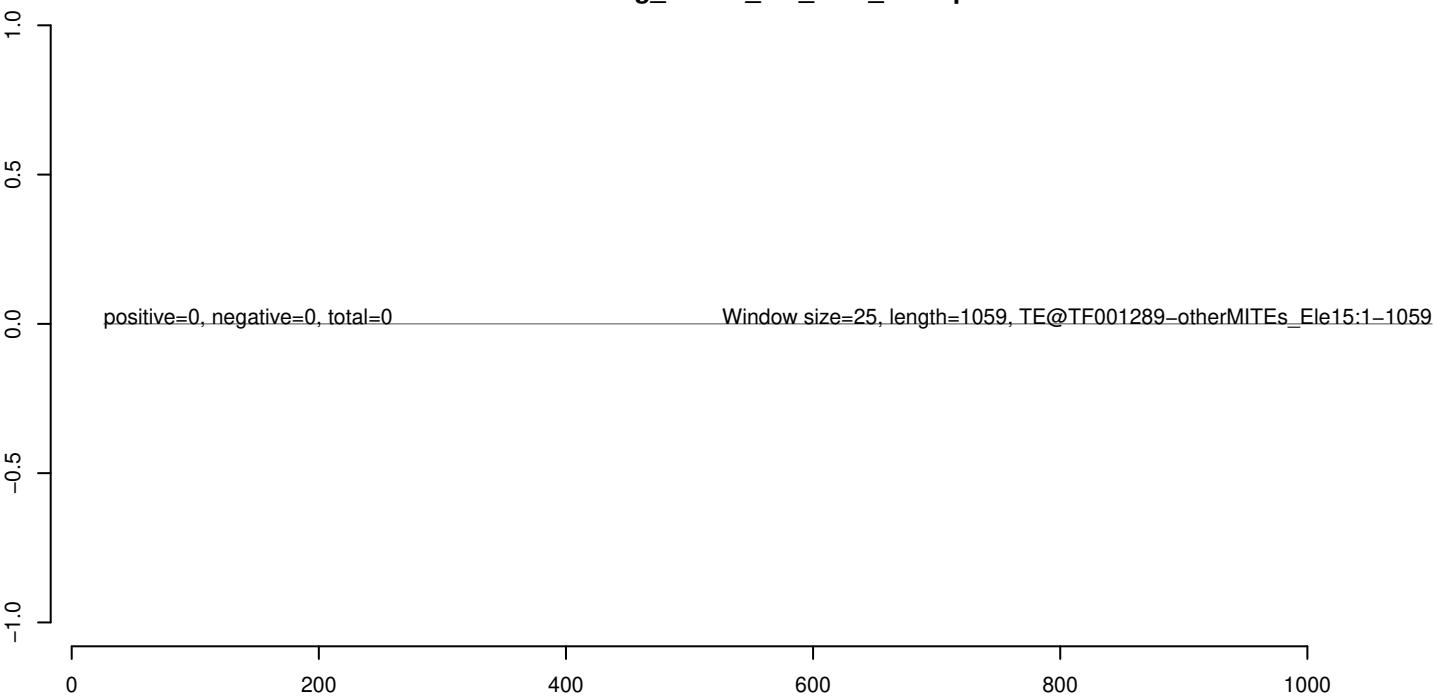
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

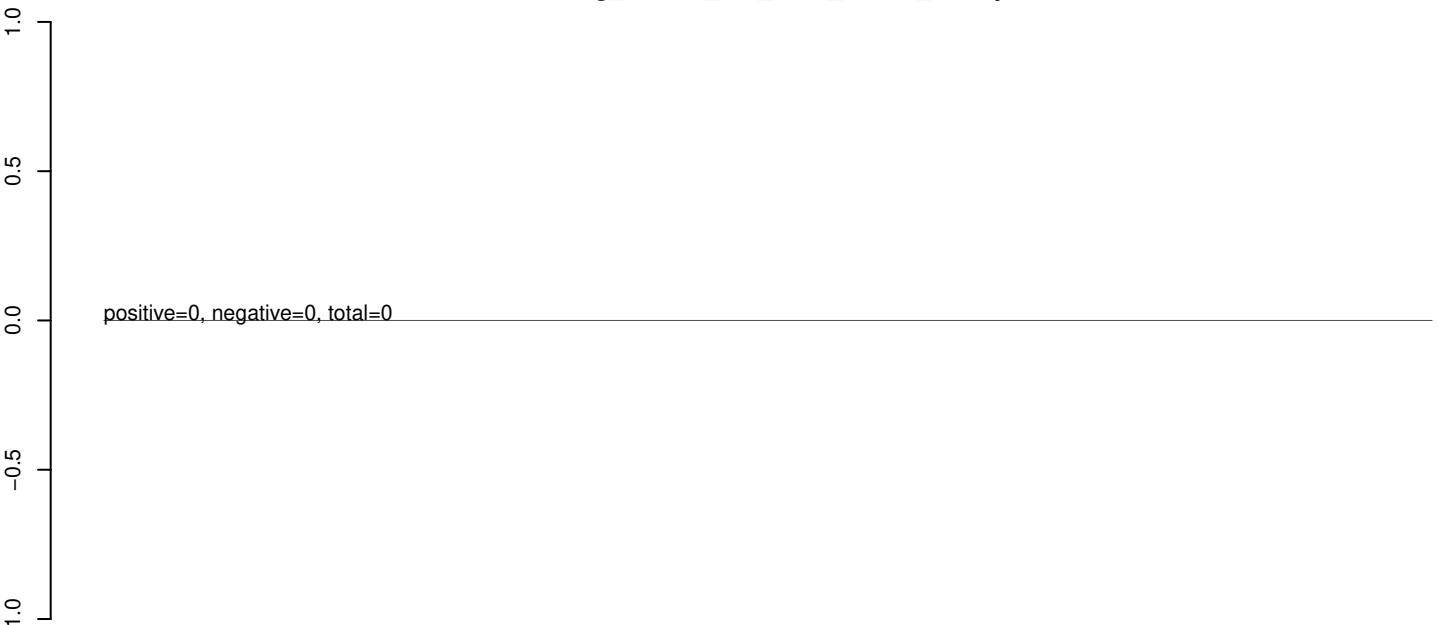
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

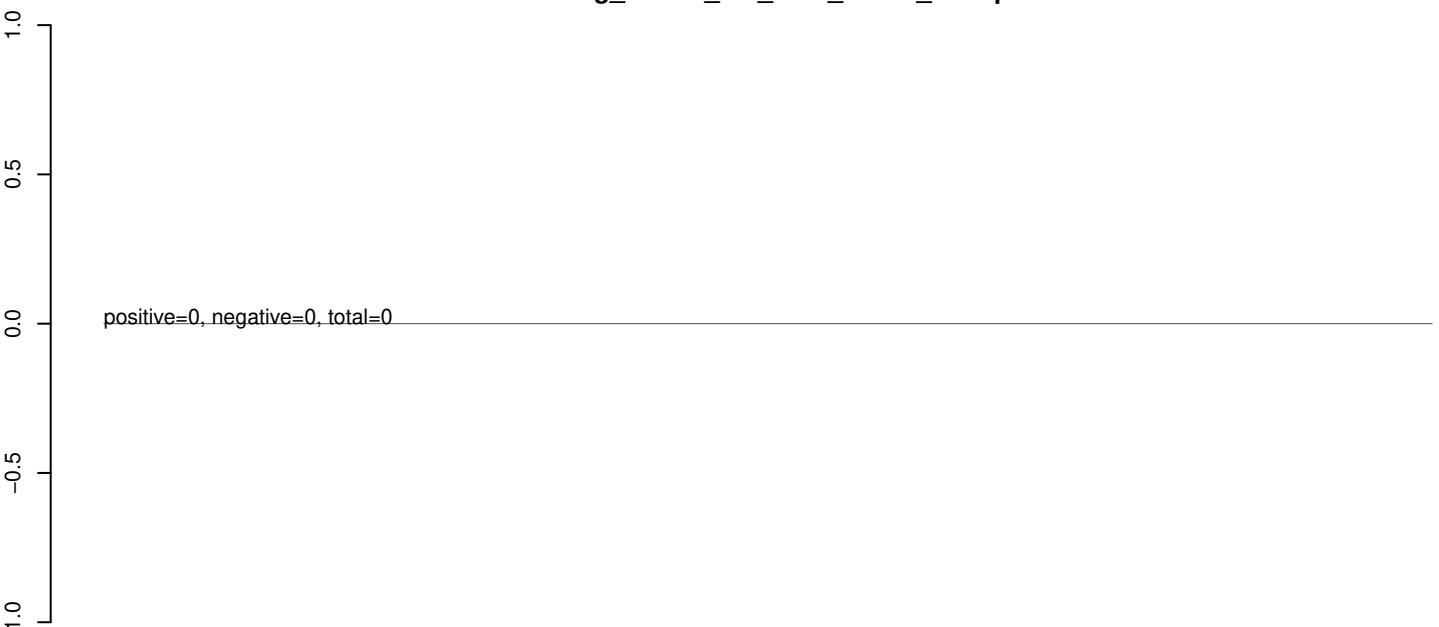
Window size=25, length=1981, TE@TF001288-otherMITEs\_Ele14:1–1981

0 500 1000 1500 2000

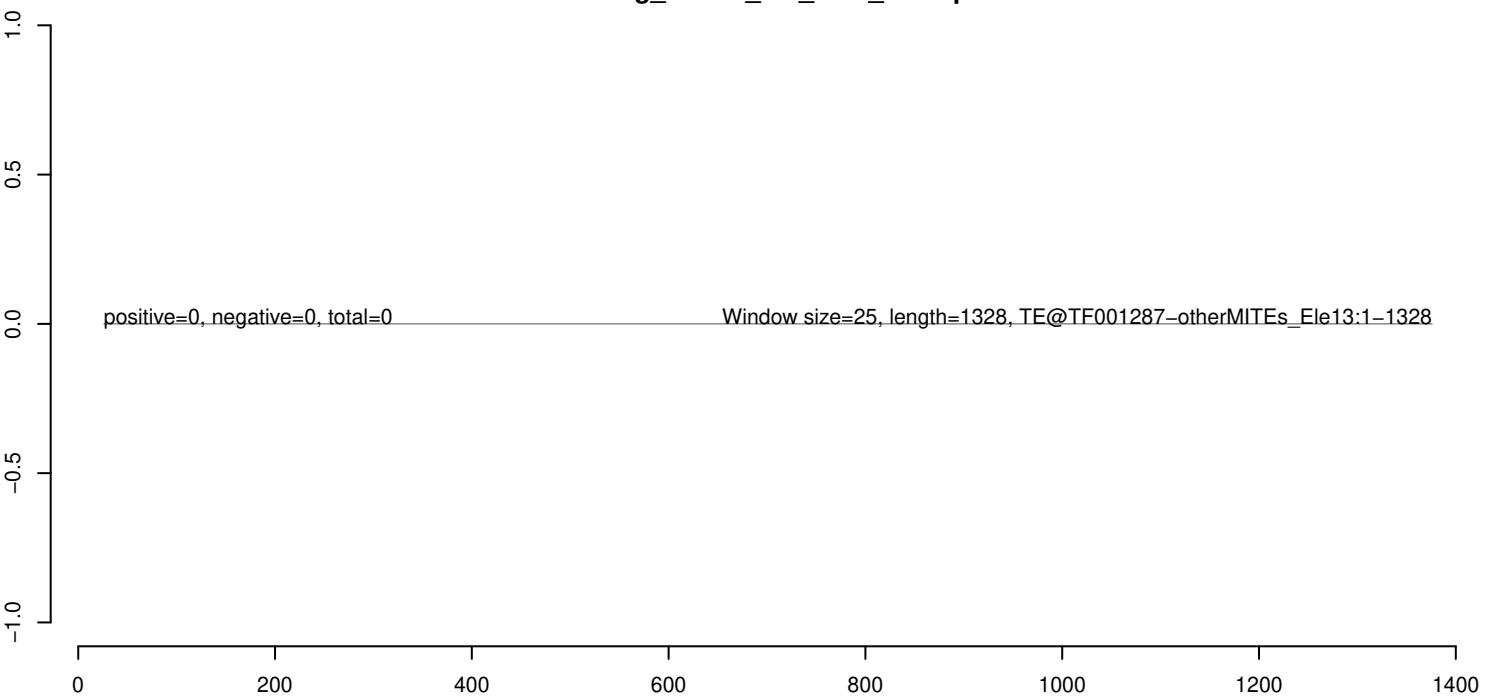
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

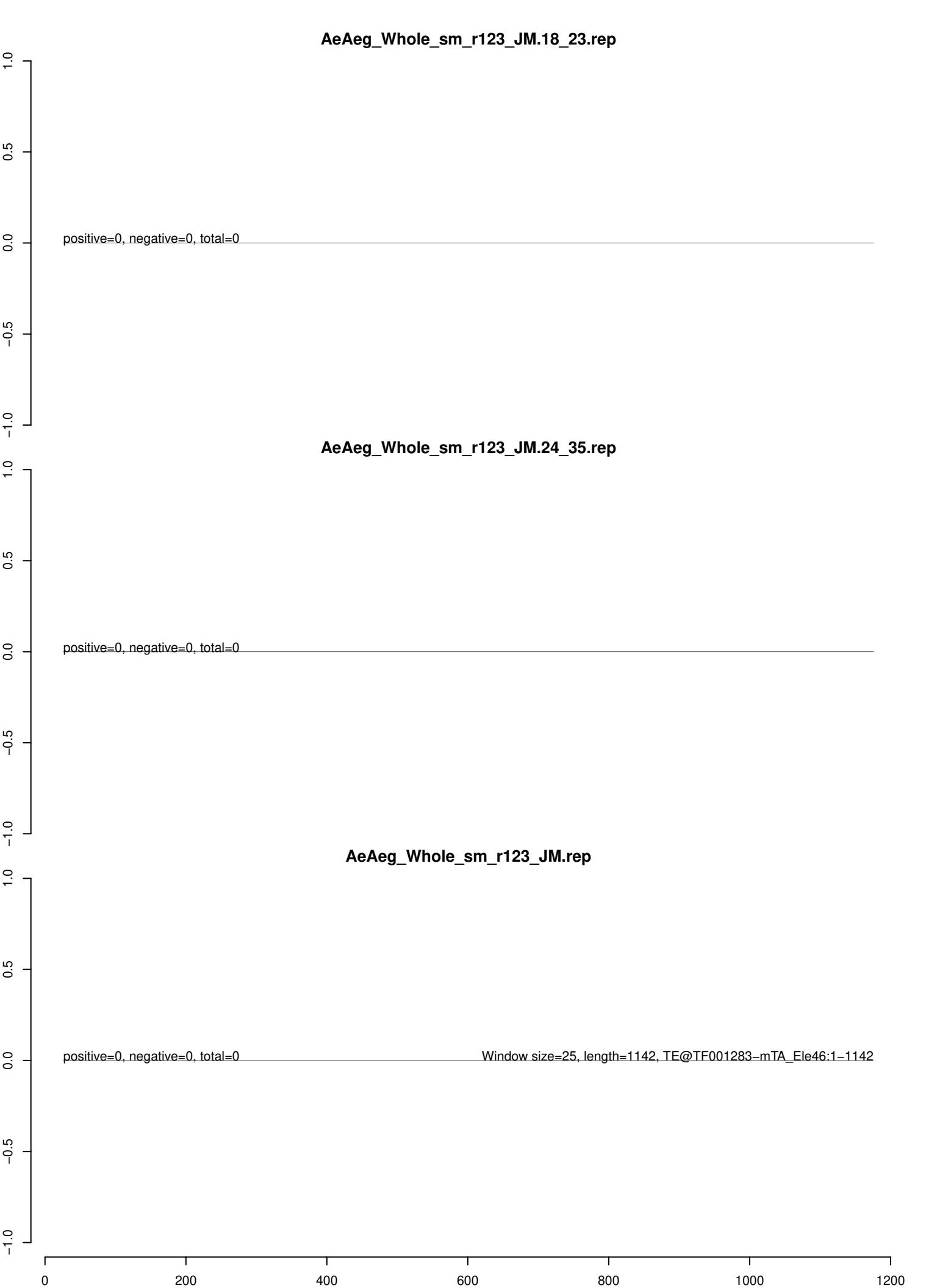
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1142, TE@TF001283-mTA\_Ele46:1-1142



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=433, TE@TF001282-otherMITEs\_Ele9:1-433

100

200

300

400

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=283, TE@TF001281-otherMITEs\_Ele8:1-283

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=3641, TE@TF001280-otherMITEs\_Ele7:1–3641

0 1000 2000 3000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

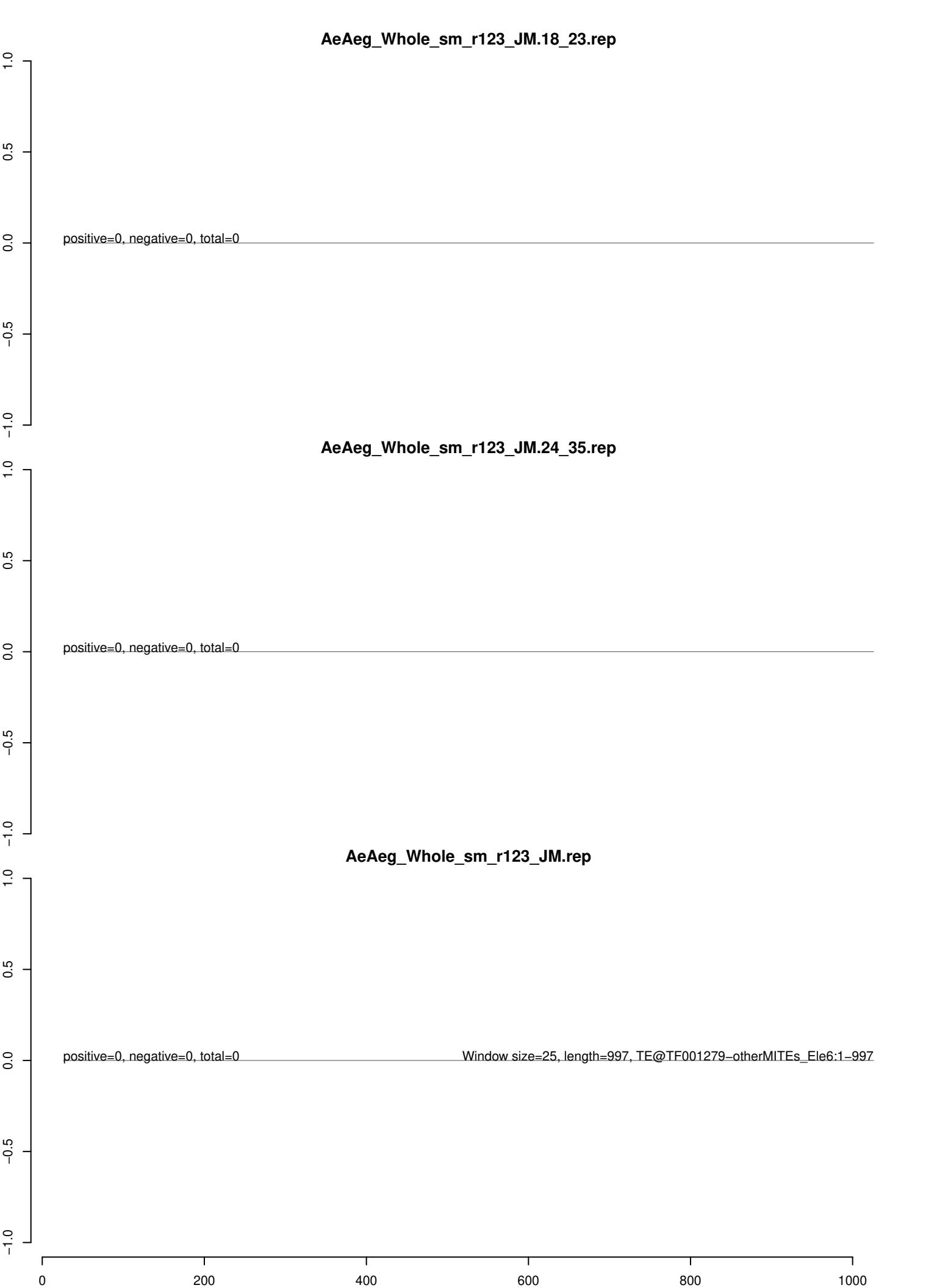
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=997, TE@TF001279-otherMITEs\_Ele6:1-997



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

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

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

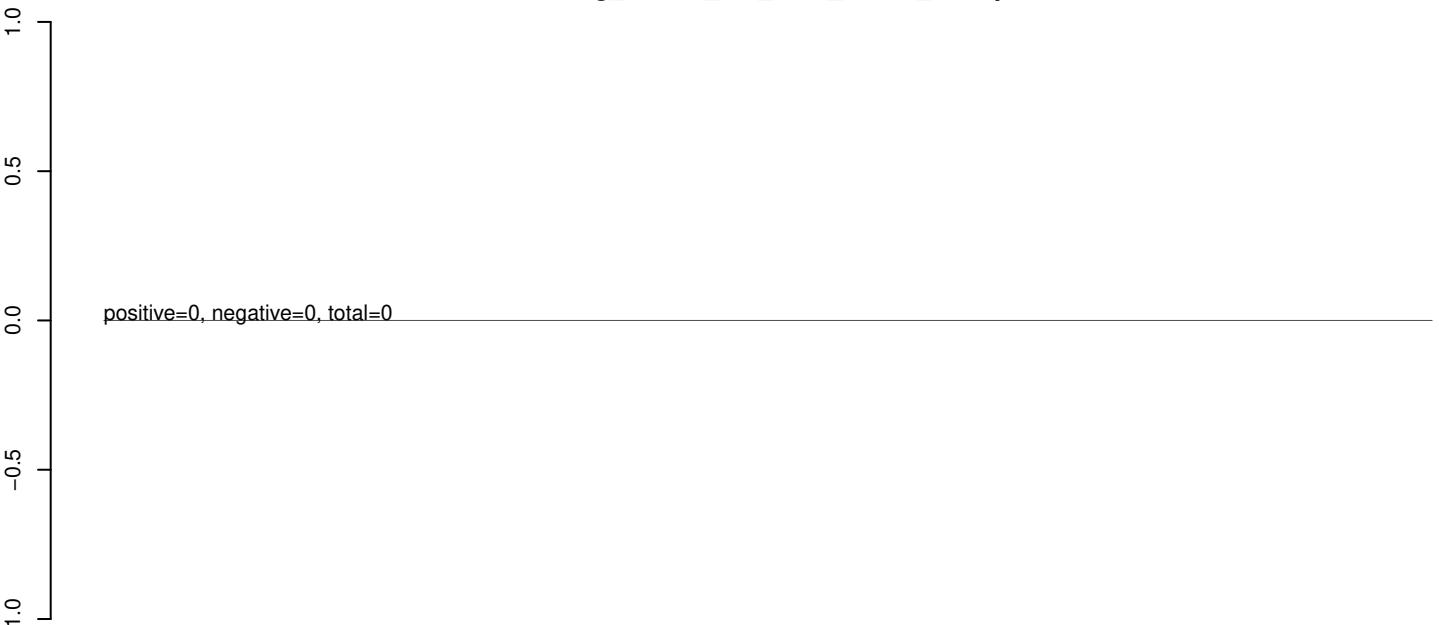
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

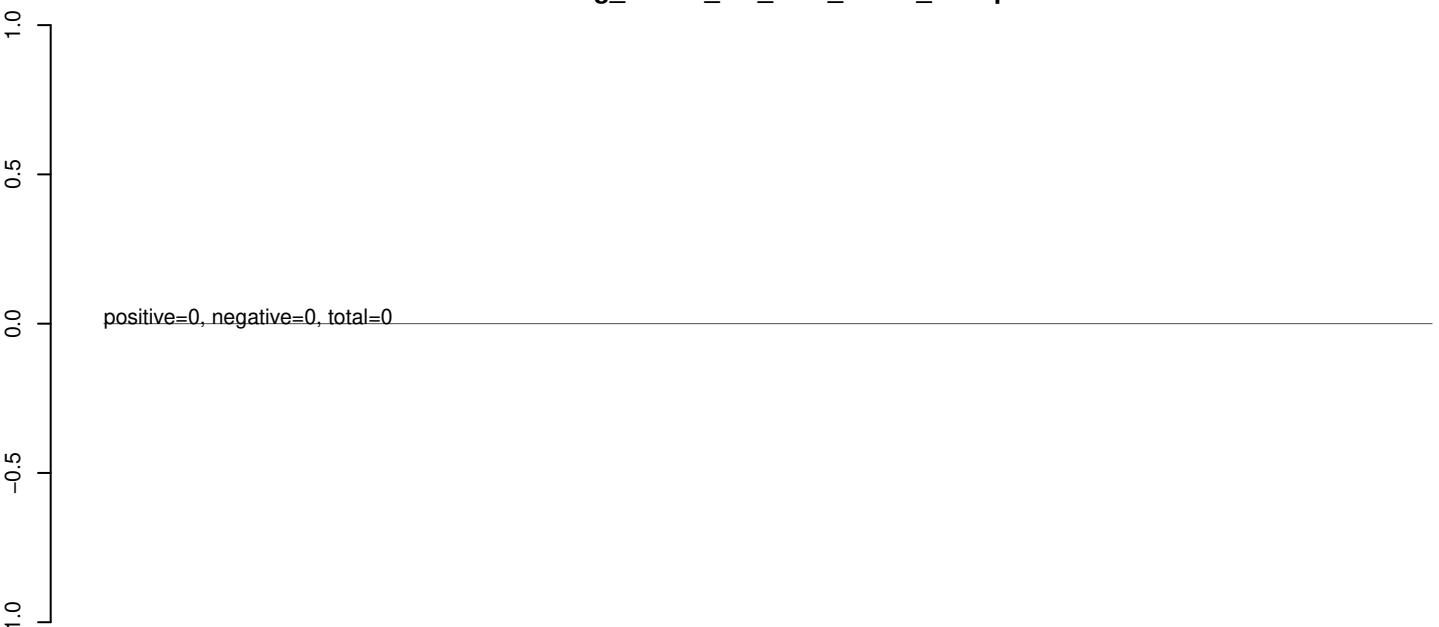
positive=0, negative=0, total=0

Window size=25, length=562, TE@TF001274-m8bp\_Ele16:1-562

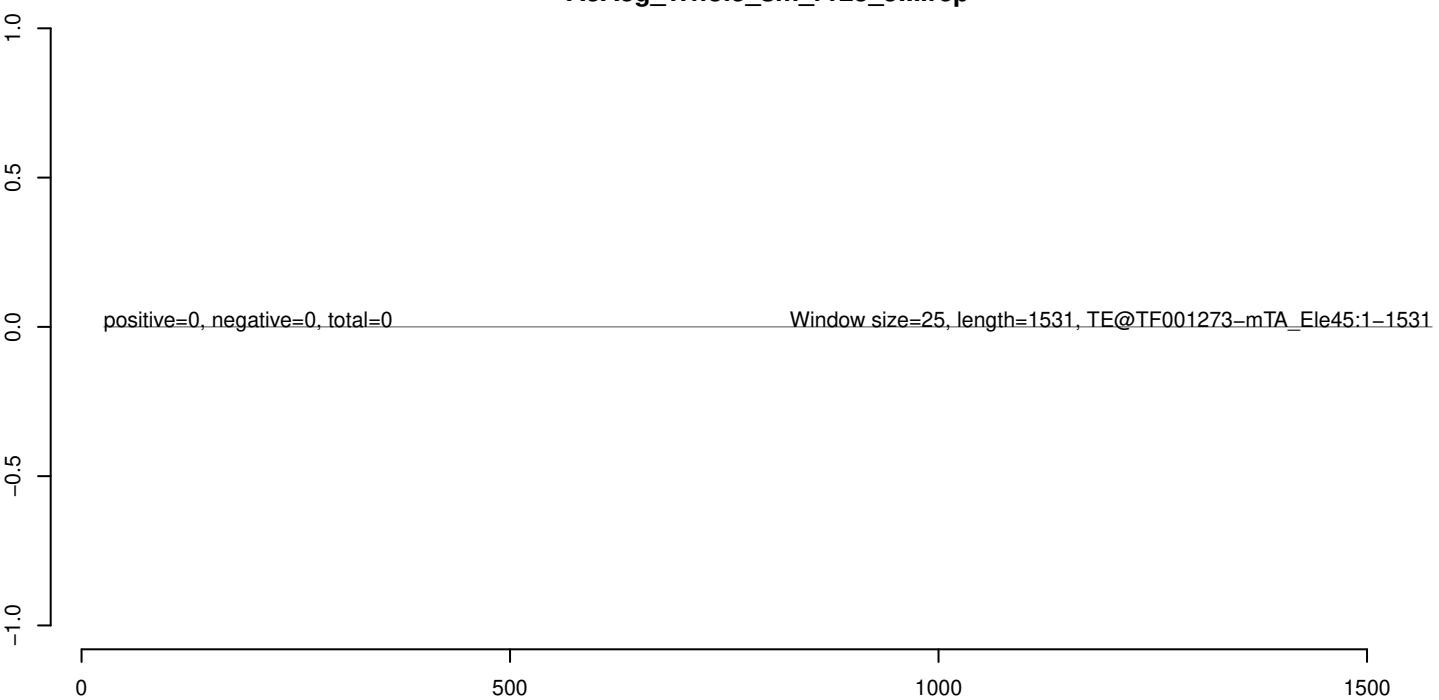
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

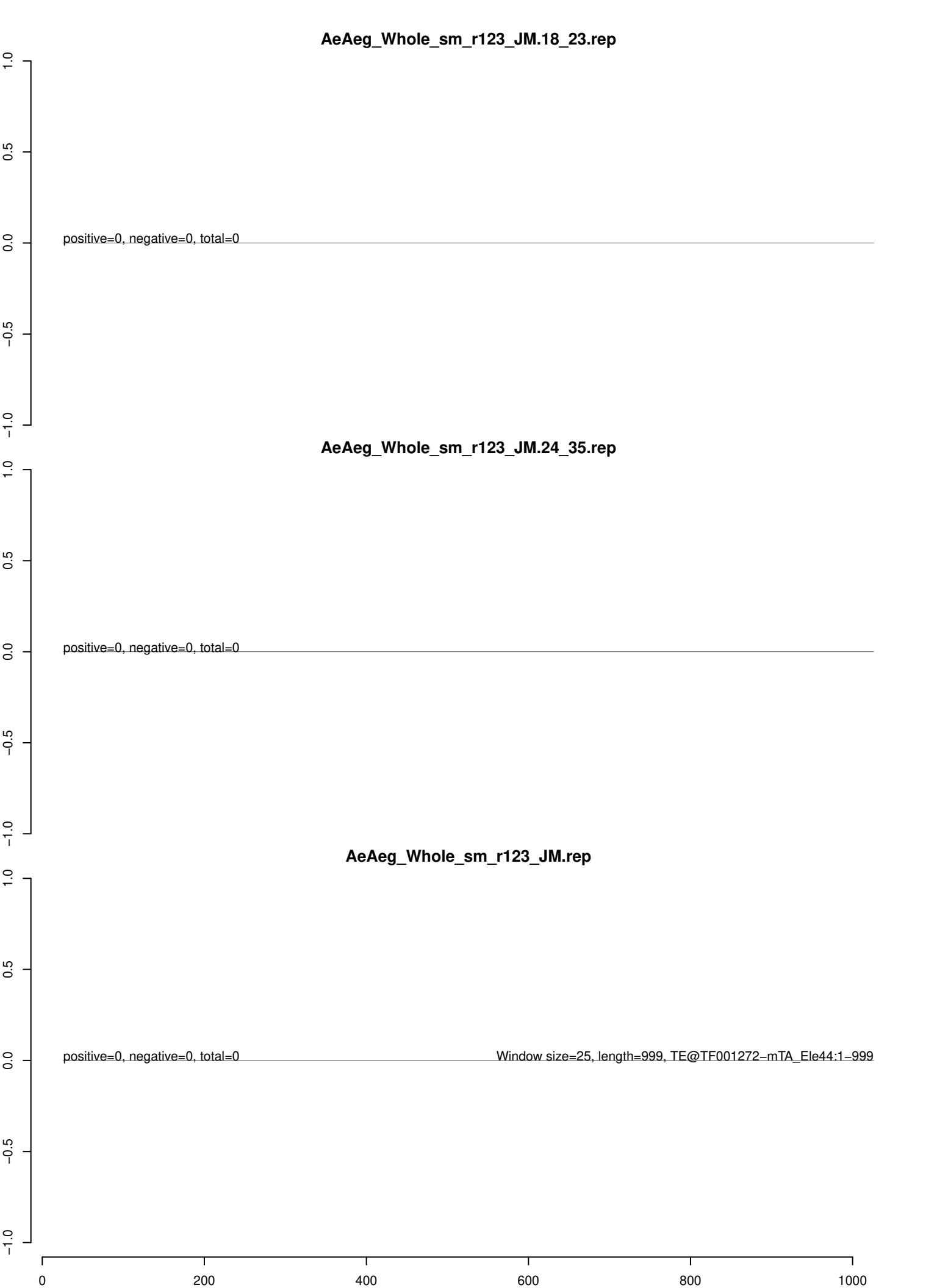
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=999, TE@TF001272-mTA\_Ele44:1-999



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

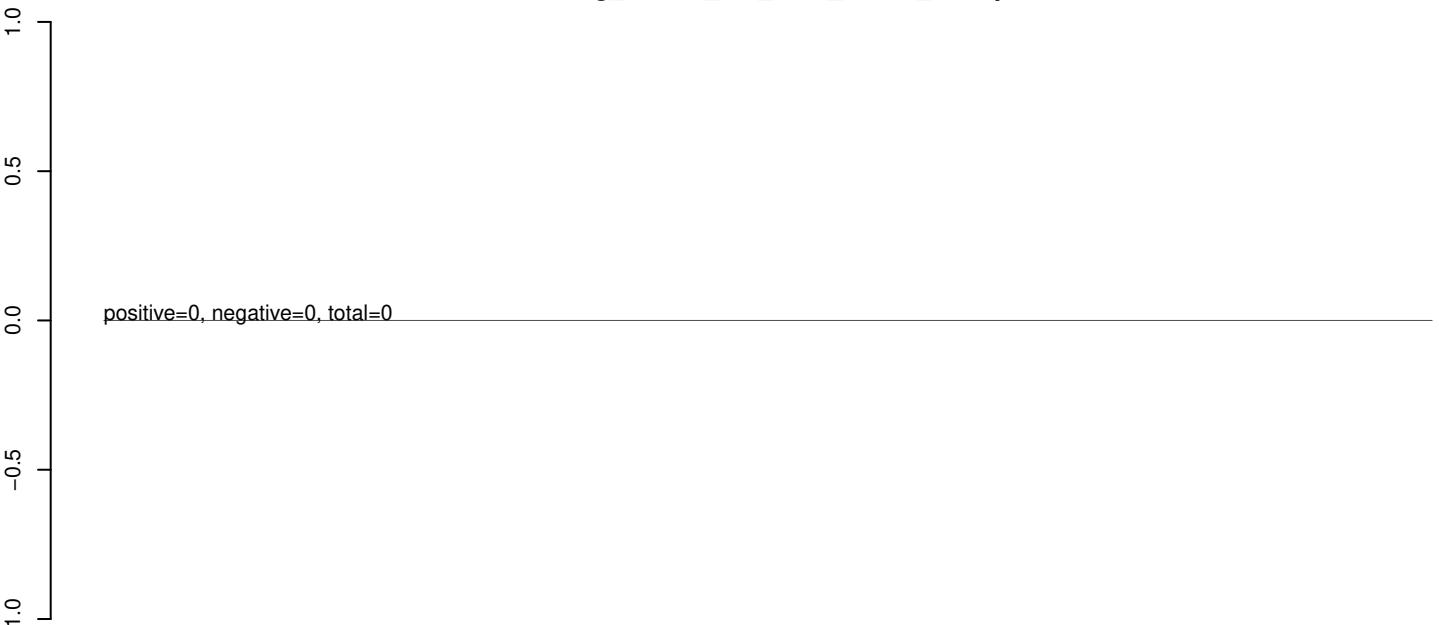
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

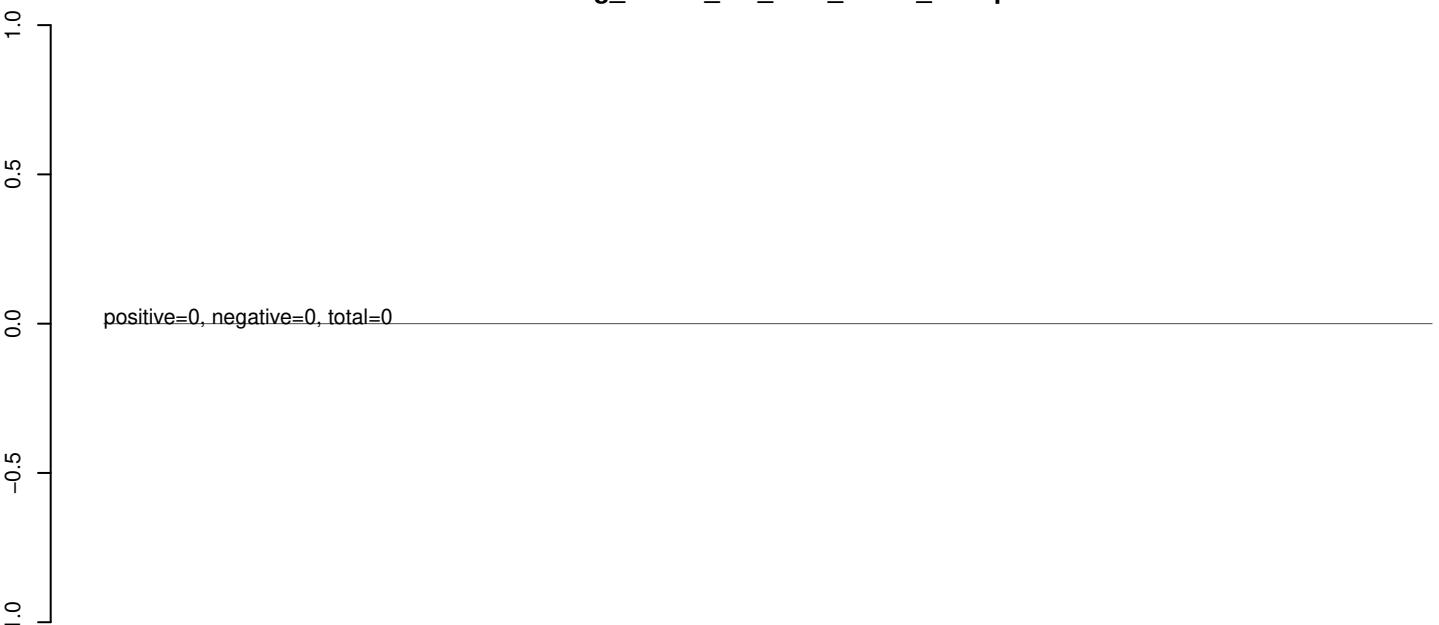
positive=0, negative=0, total=0

Window size=25, length=1661, TE@TF001269-mTA\_Ele41:1-1661

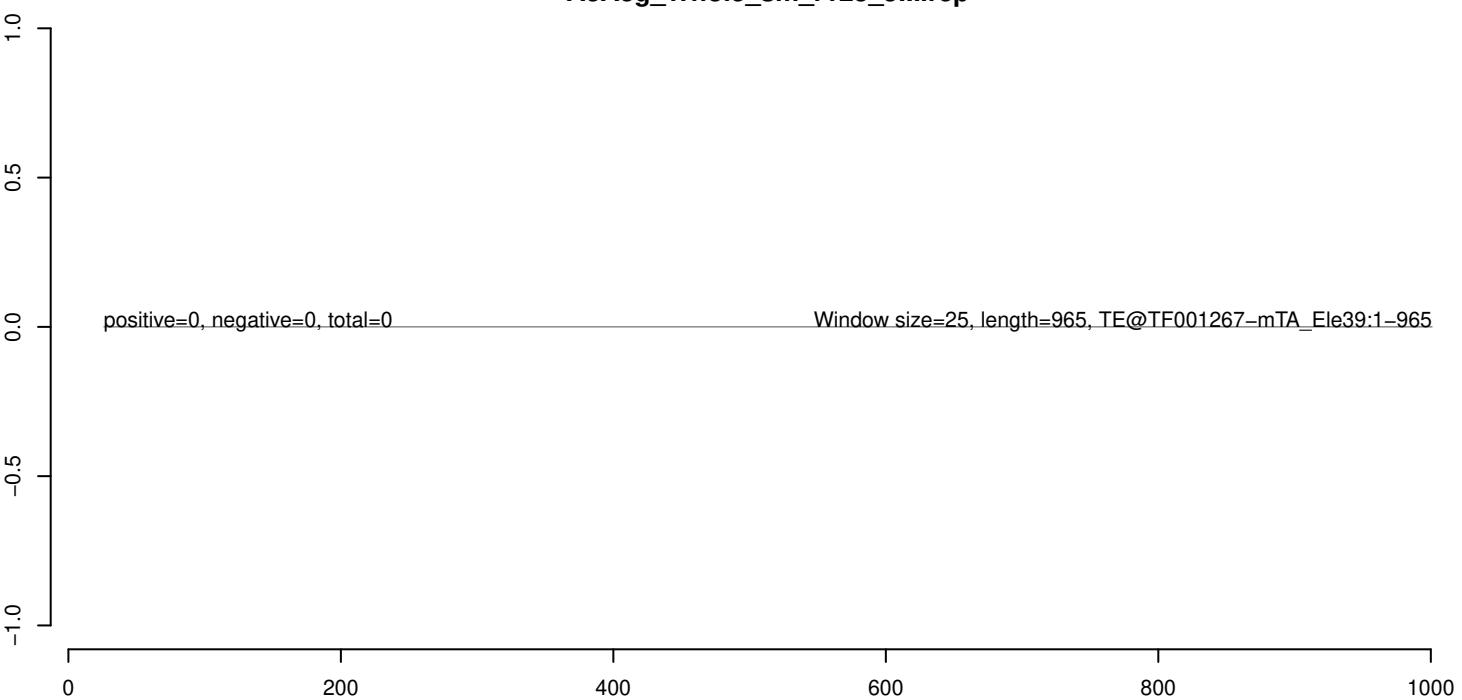
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

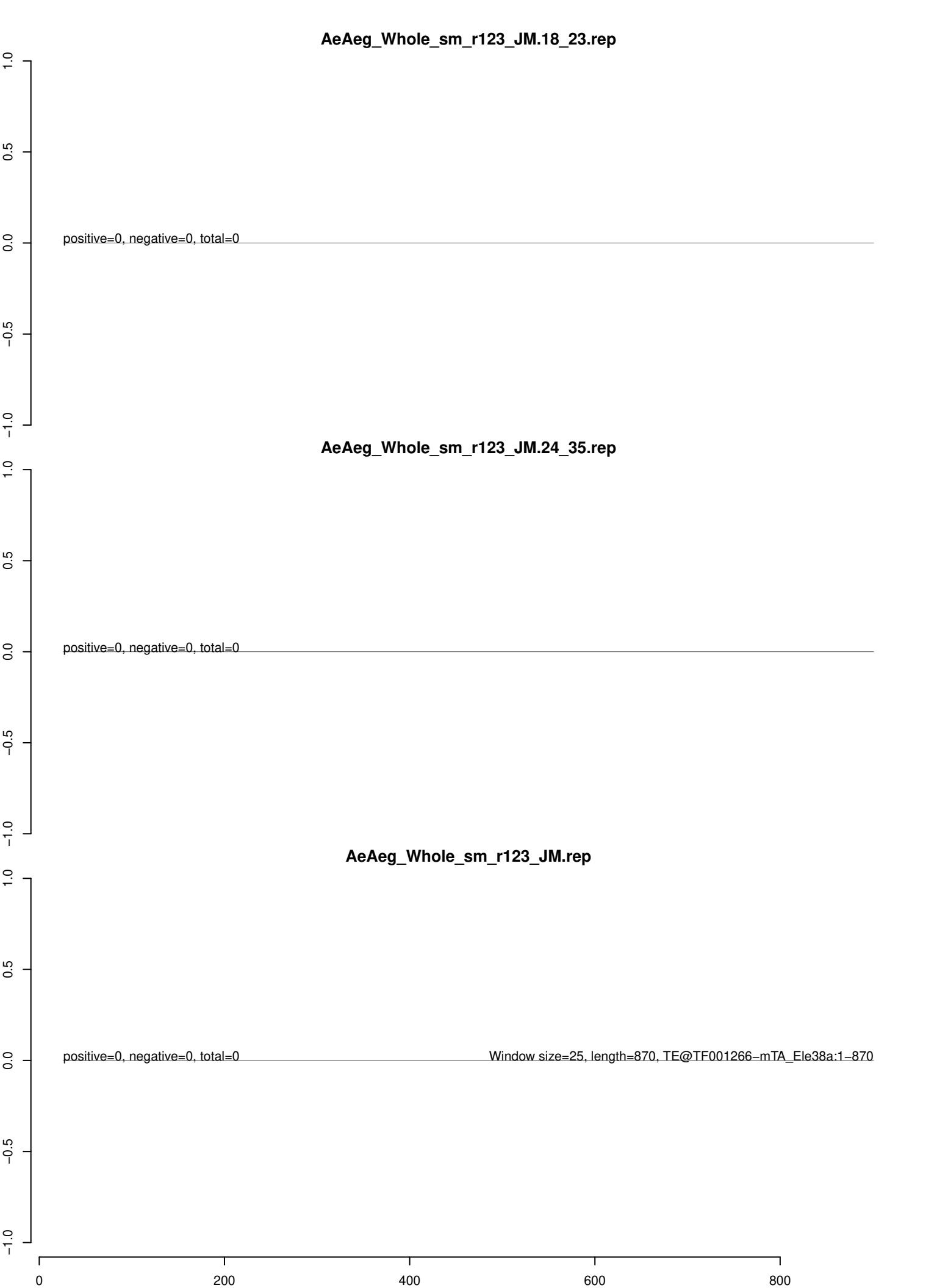
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

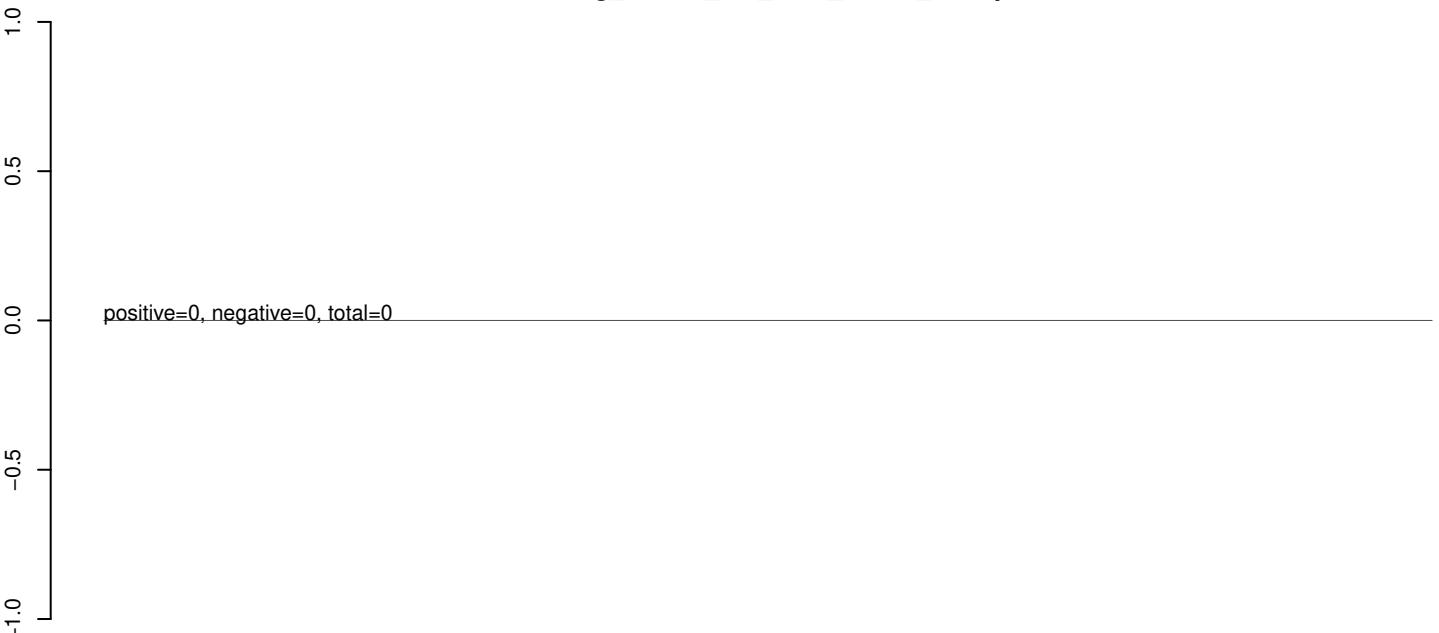
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

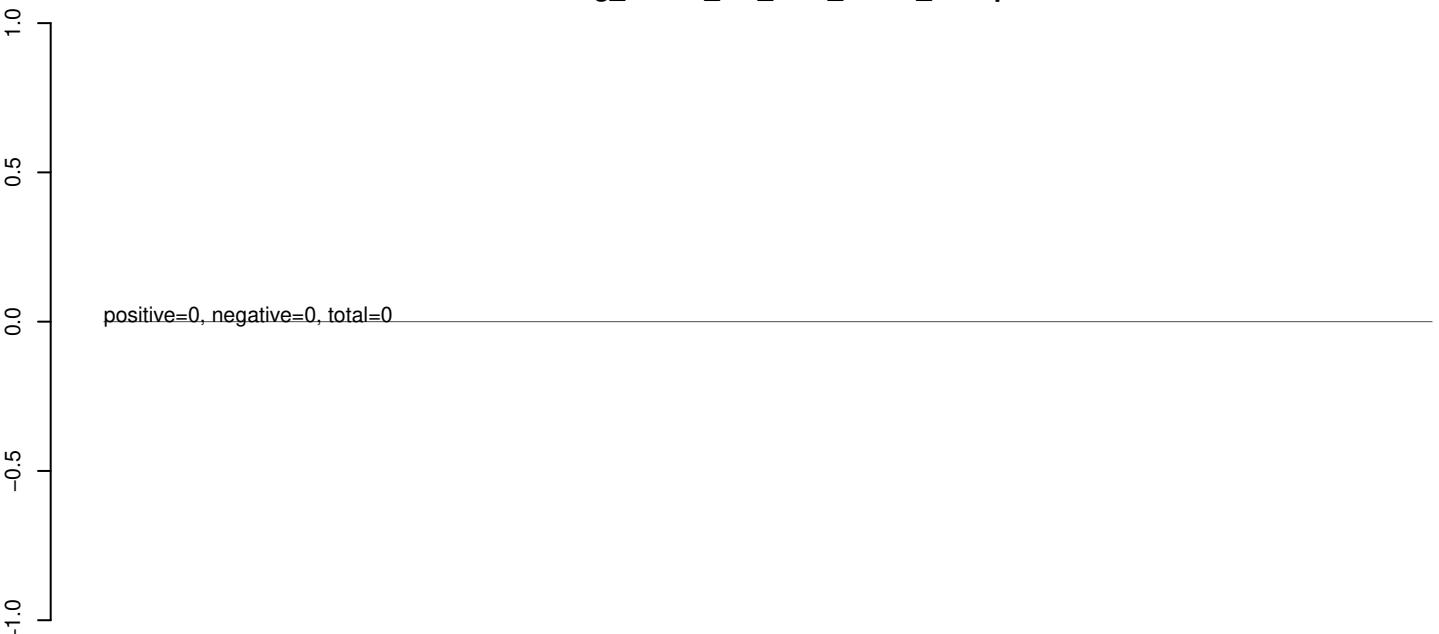
Window size=25, length=870, TE@TF001266-mTA\_Ele38a:1-870



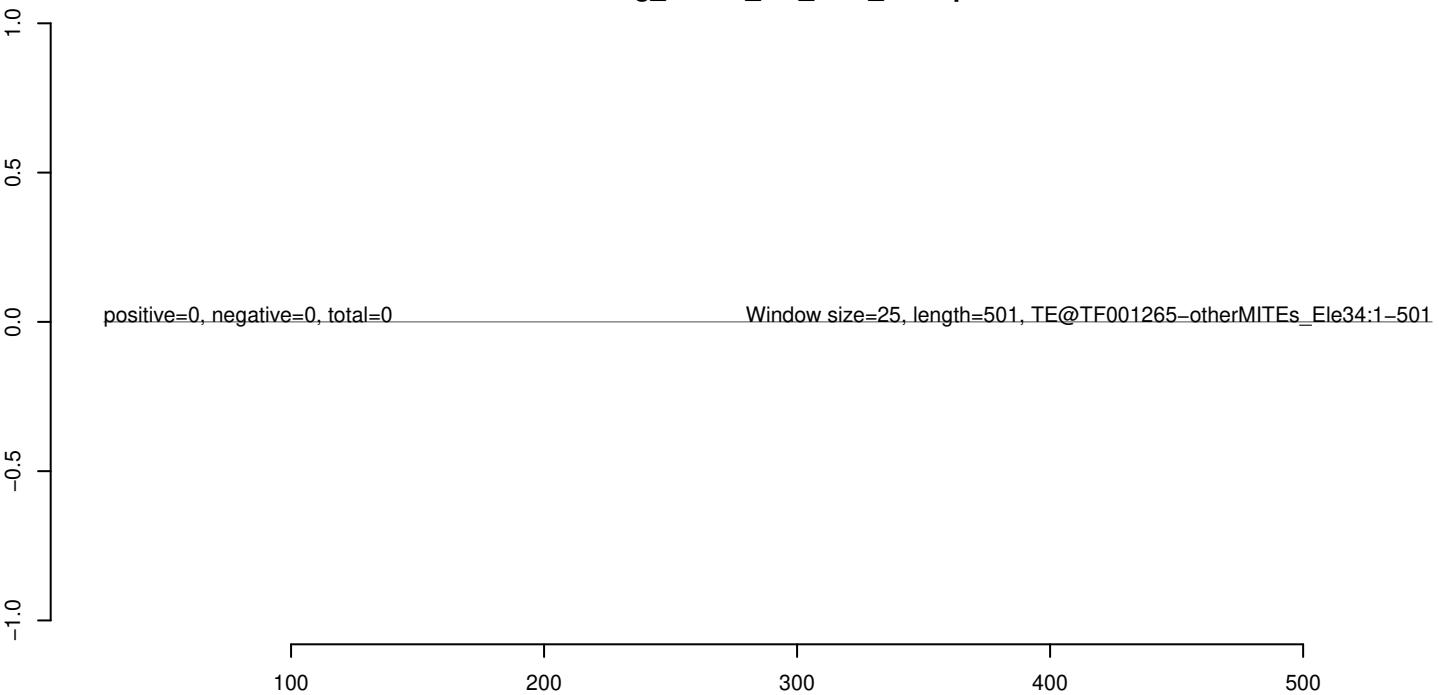
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

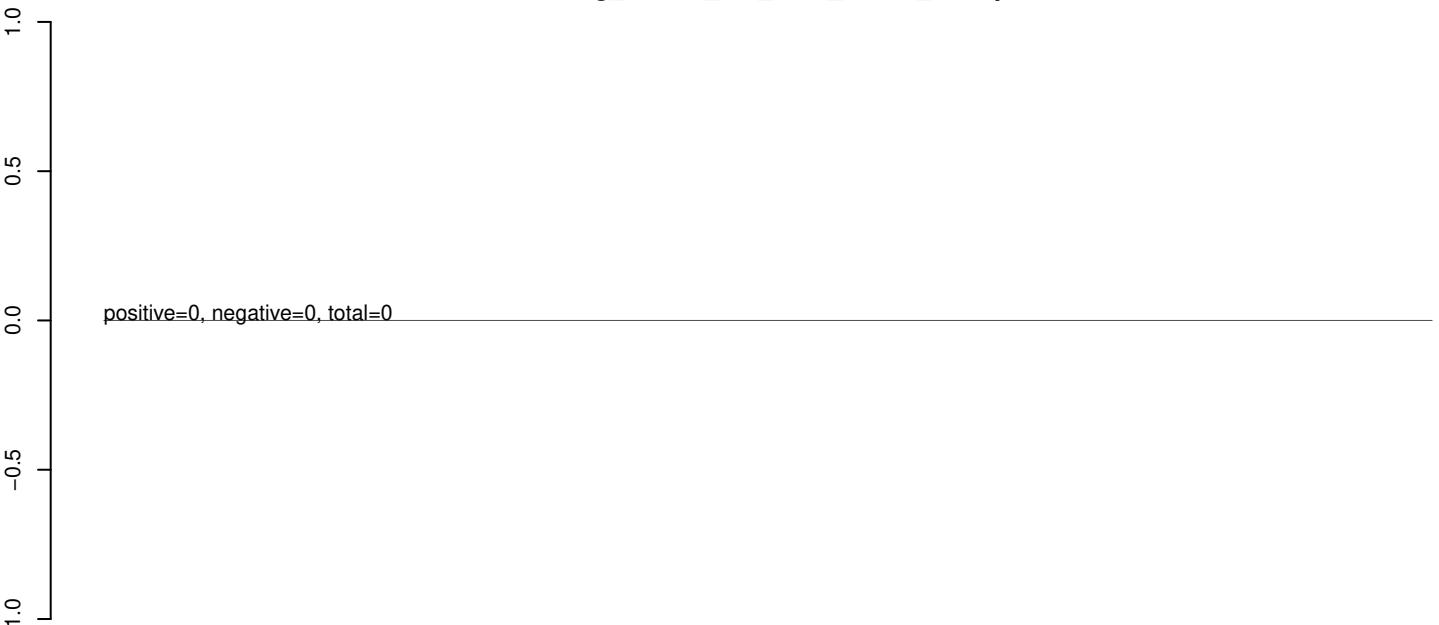
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

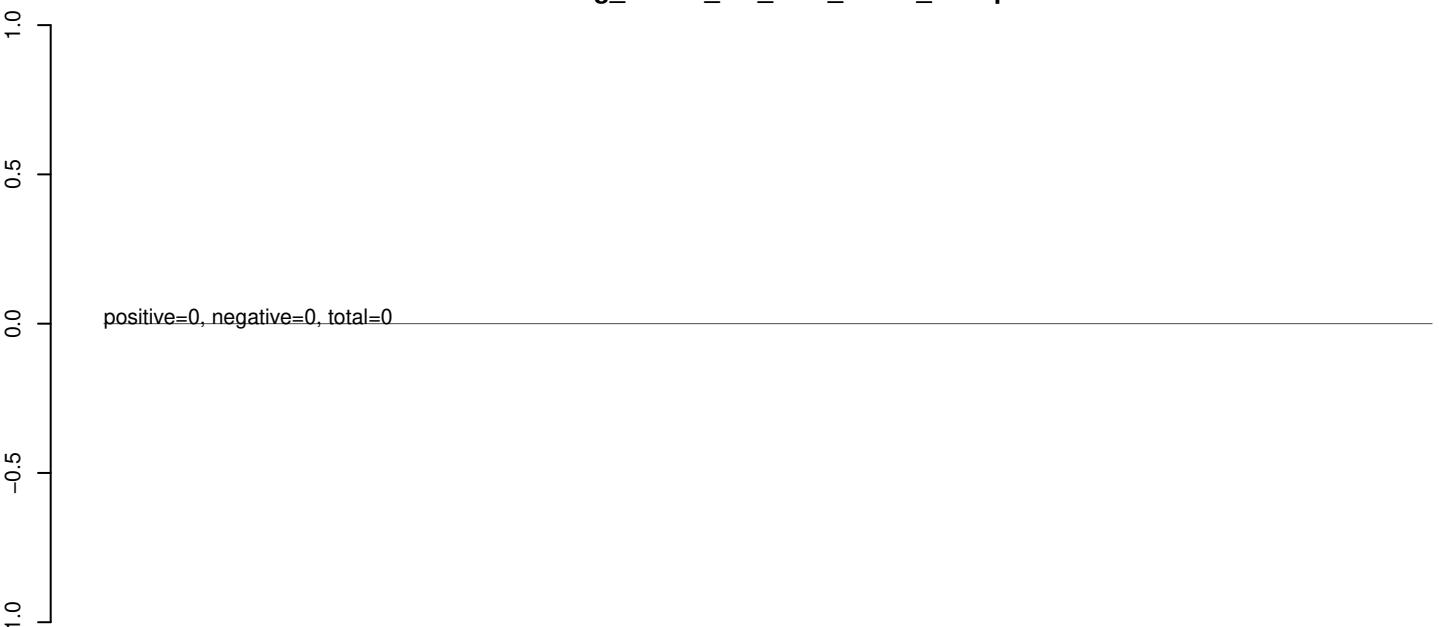
positive=0, negative=0, total=0

Window size=25, length=2204, TE@TF001263-UD\_Ele7:1-2204

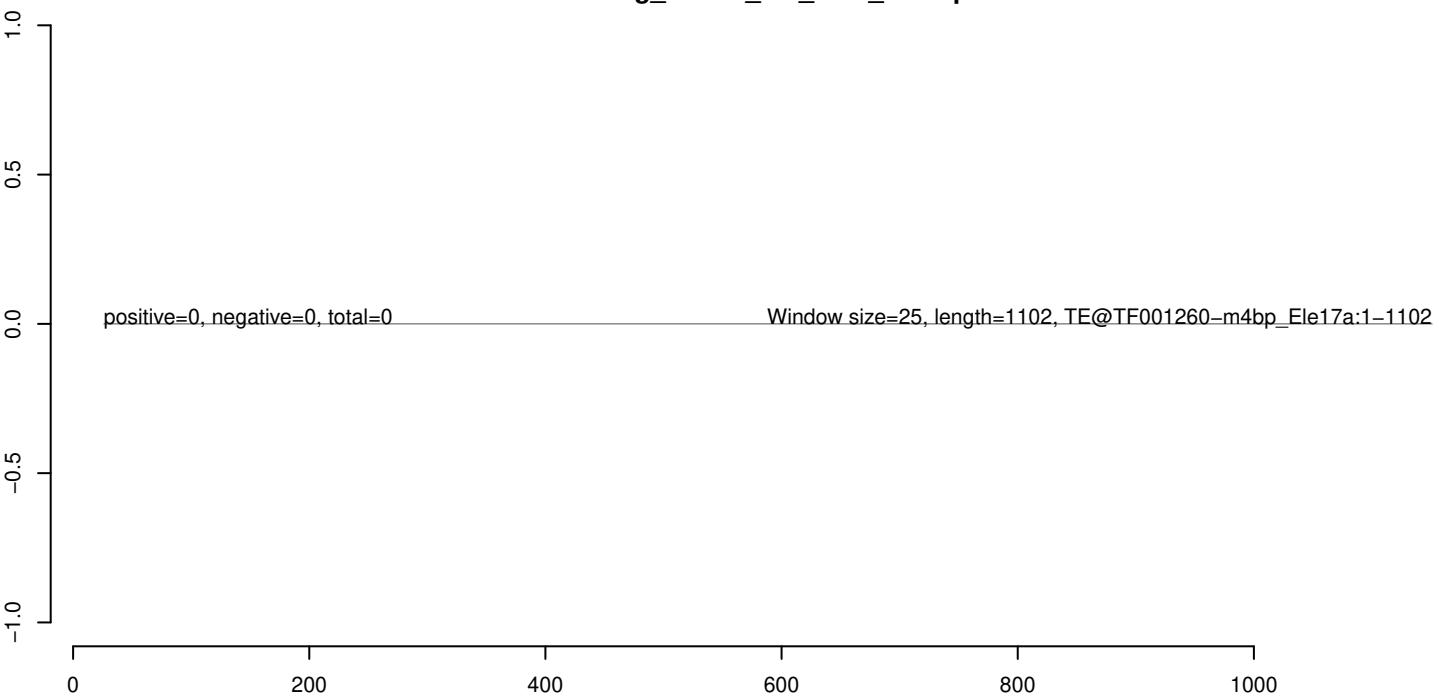
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

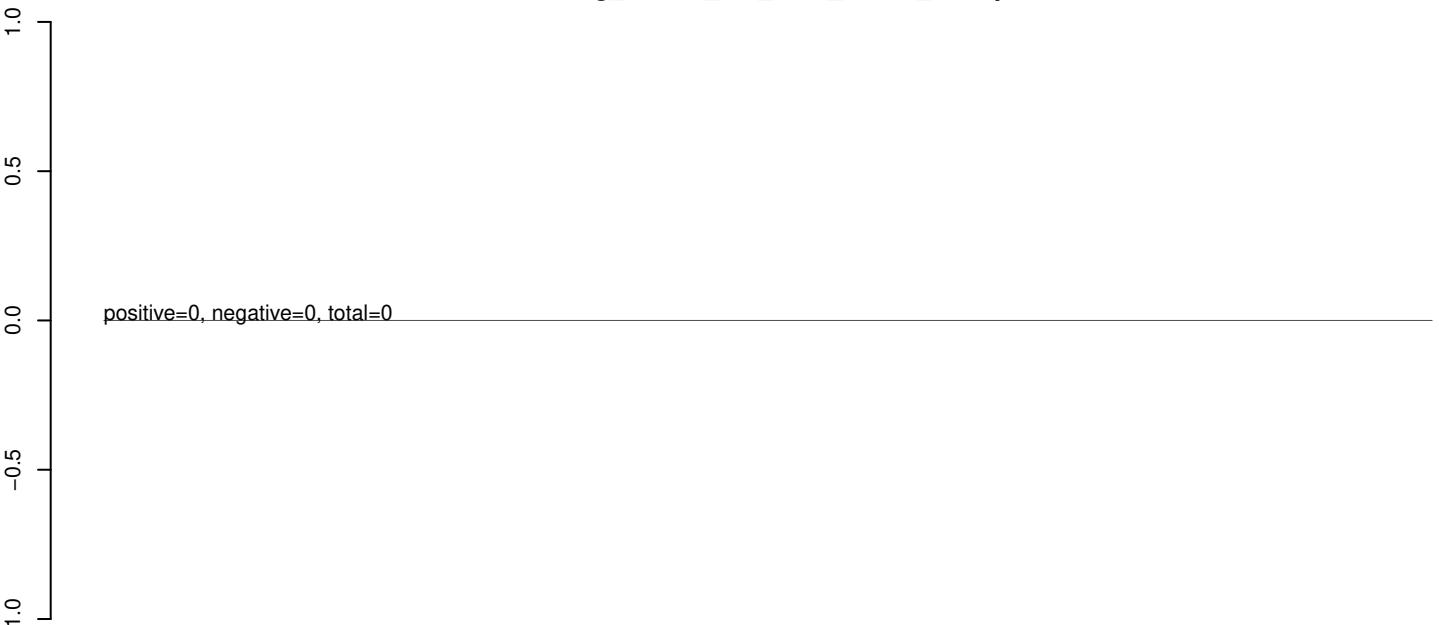
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

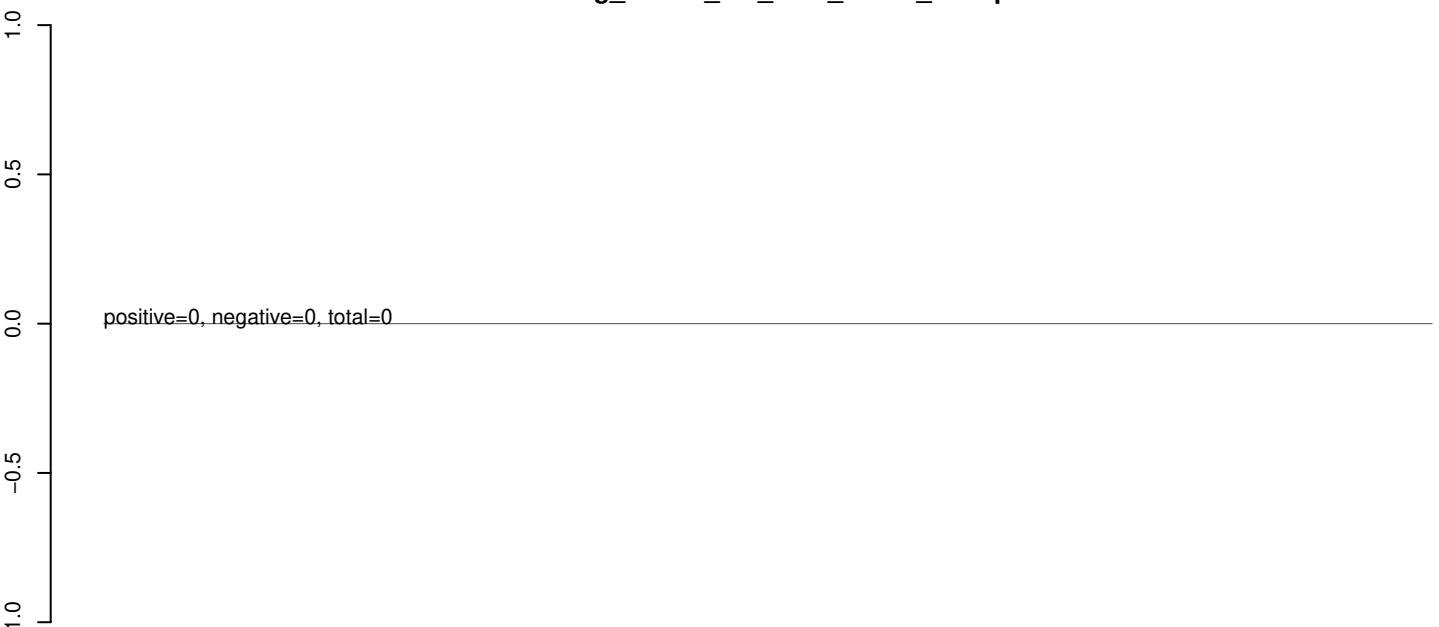
positive=0, negative=0, total=0

Window size=25, length=1499, TE@TF001259-otherMITEs\_Ele2:1–1499

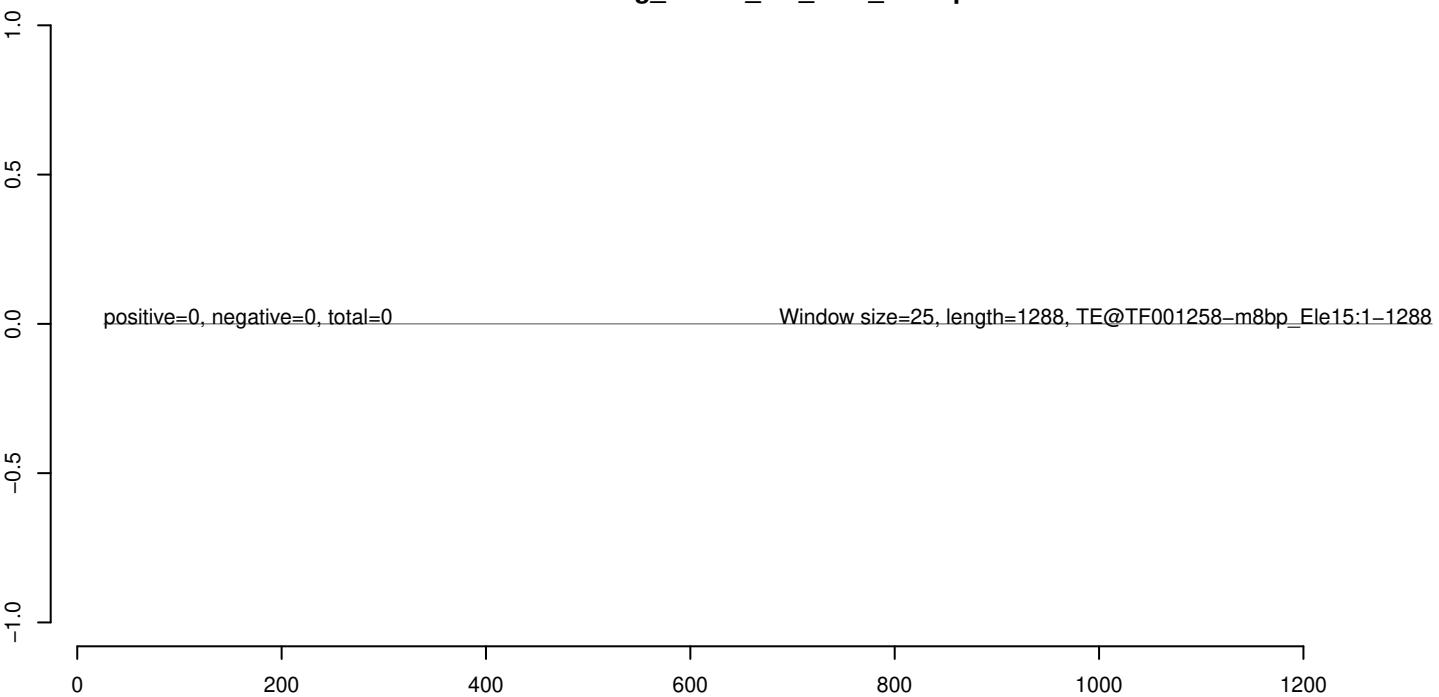
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

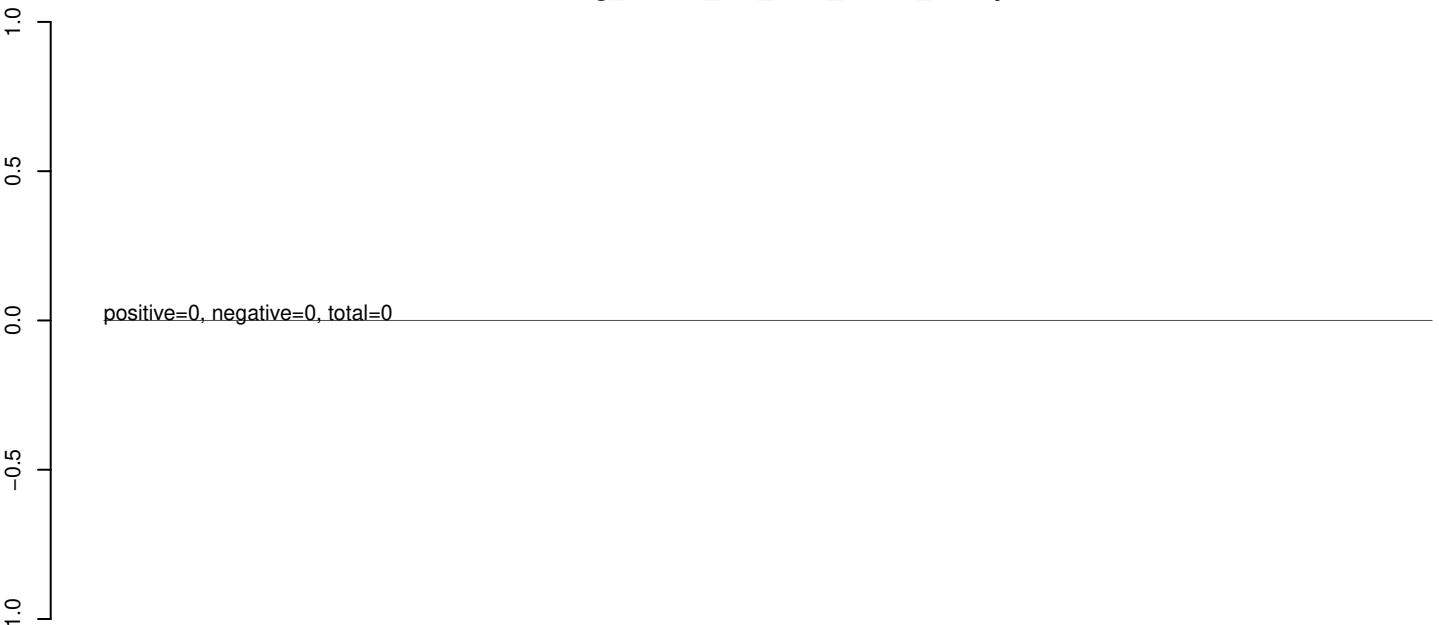
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

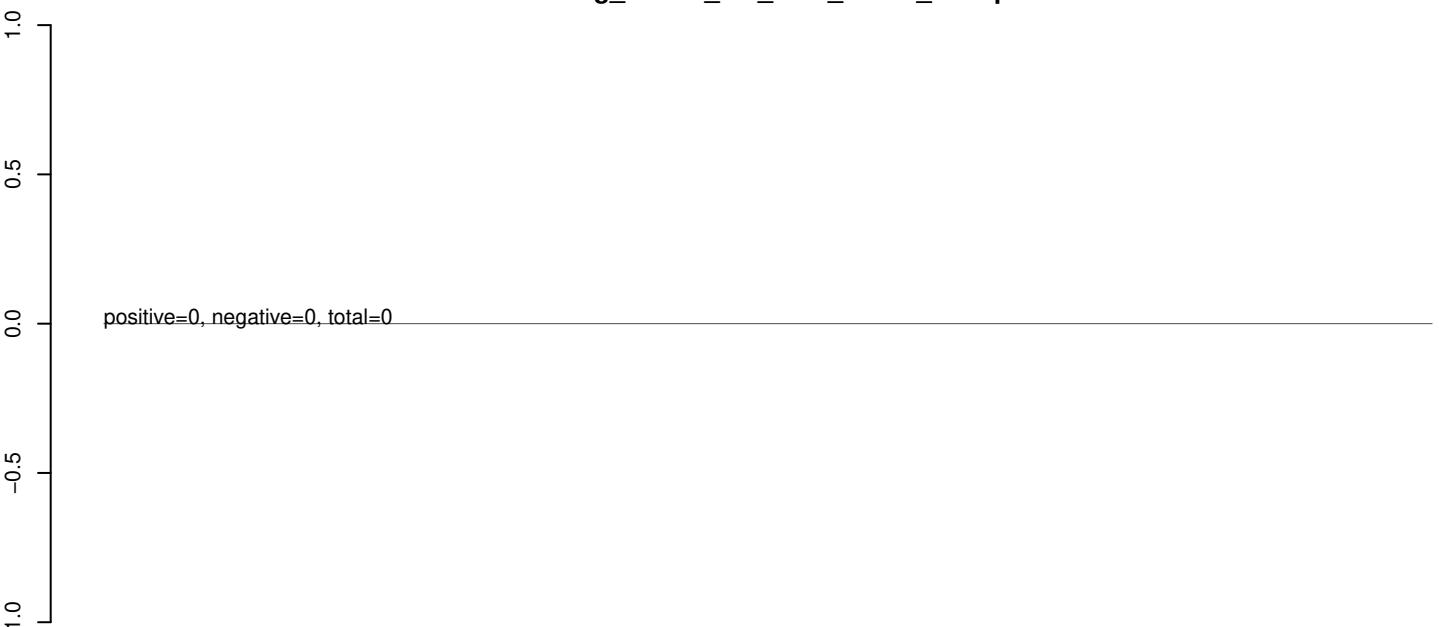
Window.size=25, length=1249, TE@TF001256-m4bp\_Ele15:1-1249

0 200 400 600 800 1000 1200

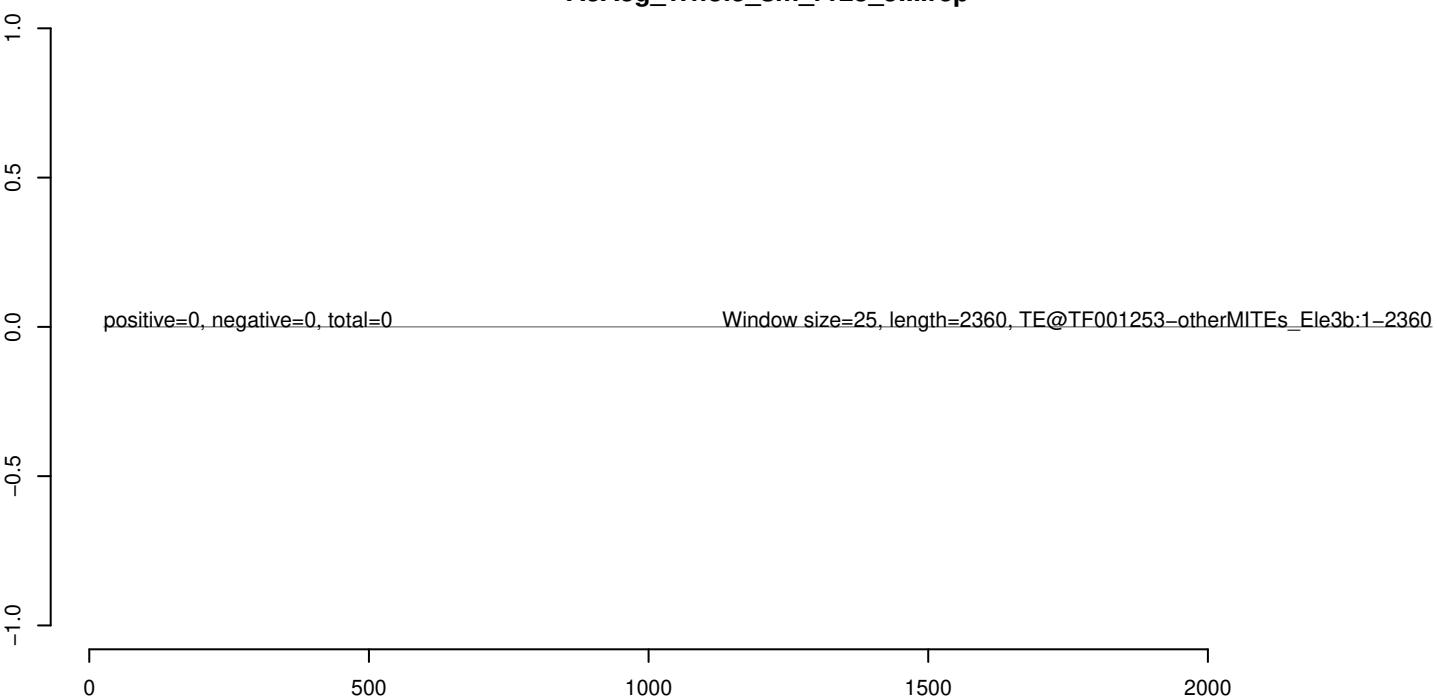
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

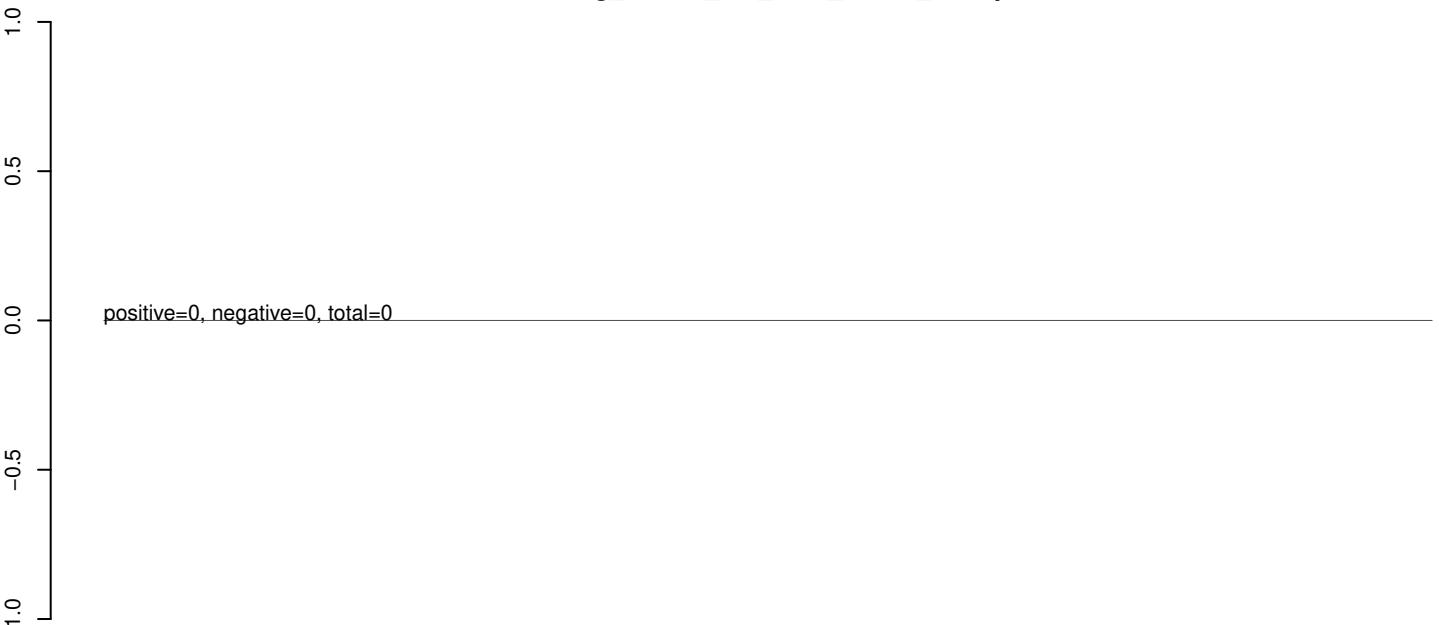
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

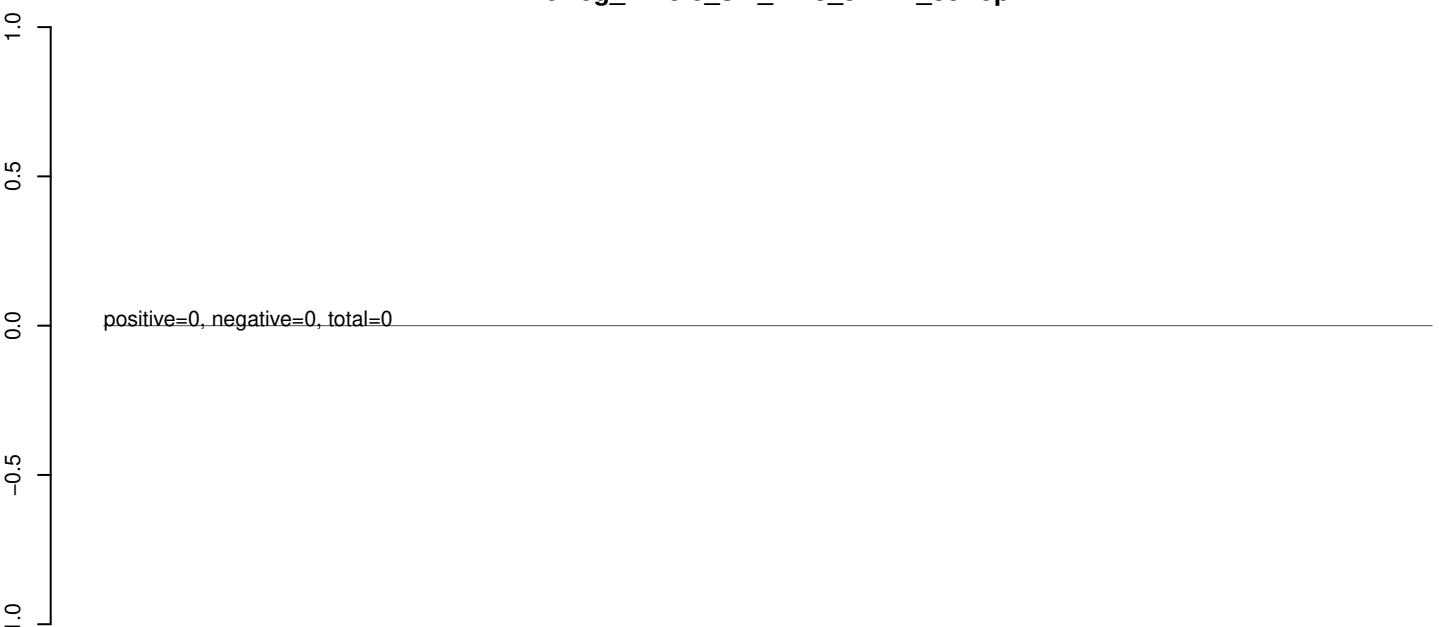
Window.size=25, length=2345, TE@TF001252-m3bp\_Ele8b:1-2345

0 500 1000 1500 2000

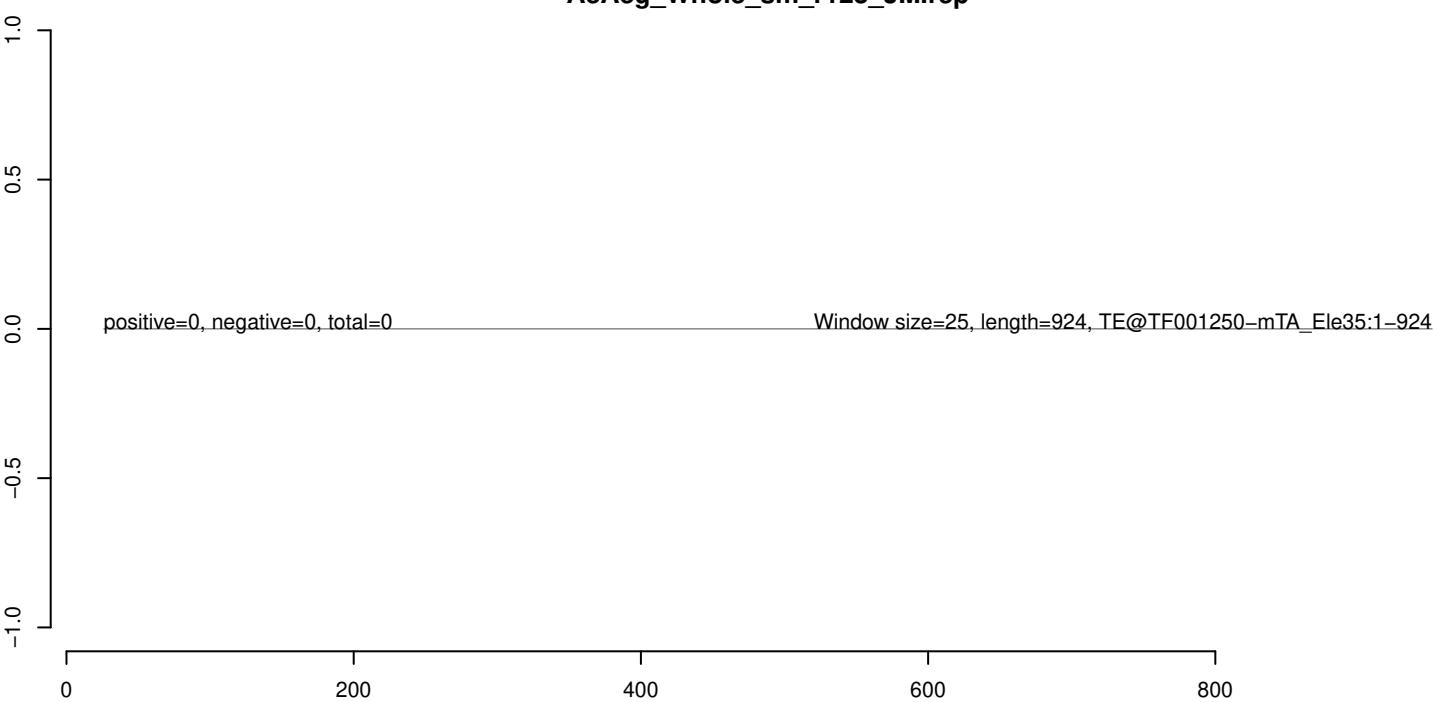
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



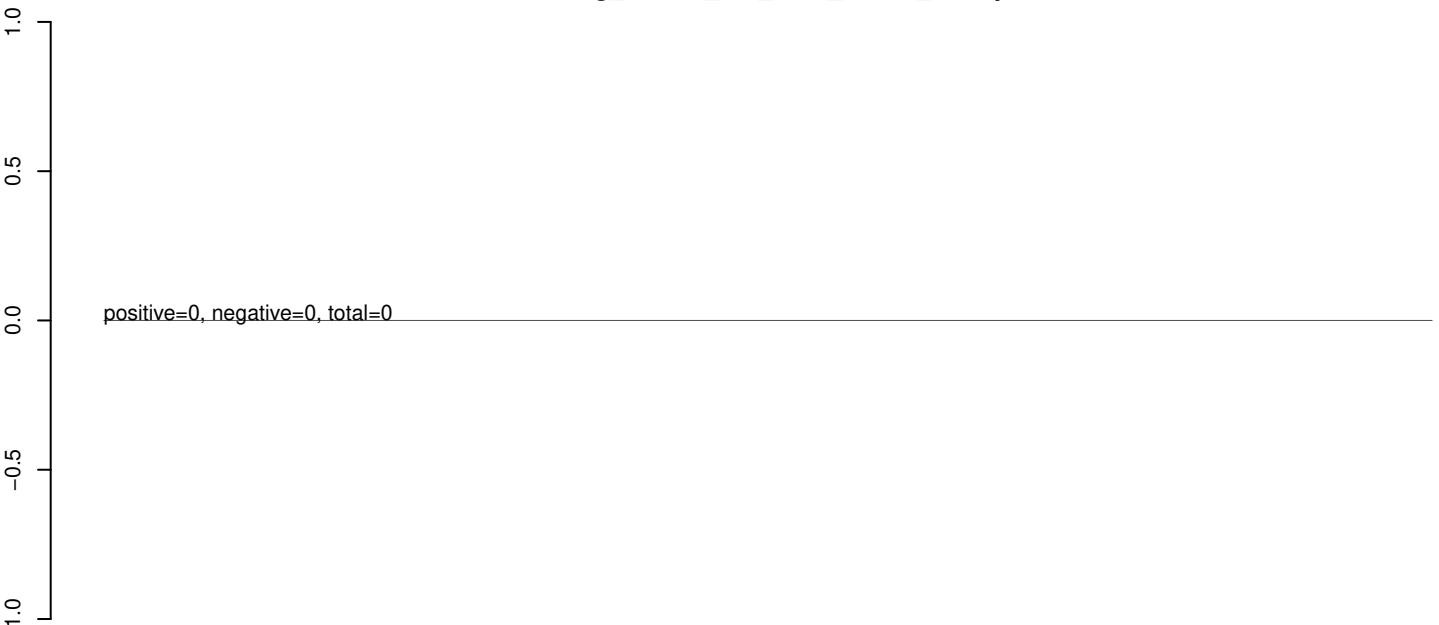
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



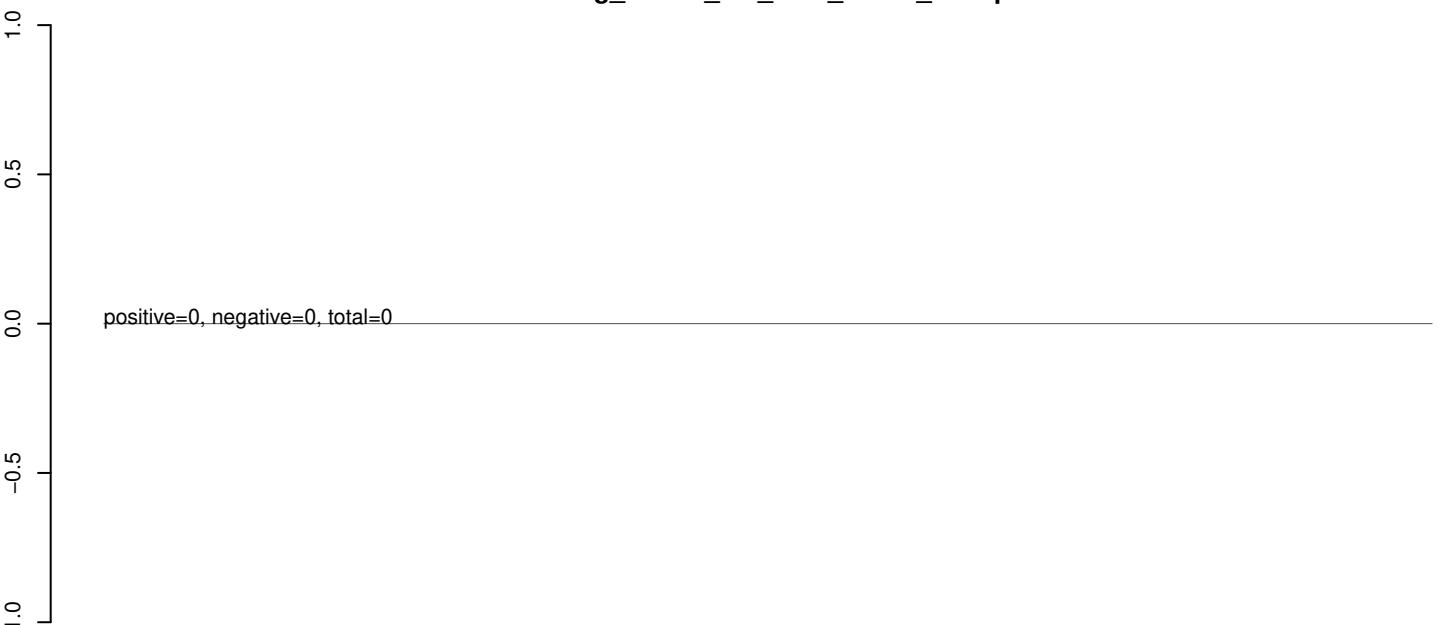
**AeAeg\_Whole\_sm\_r123\_JM.rep**



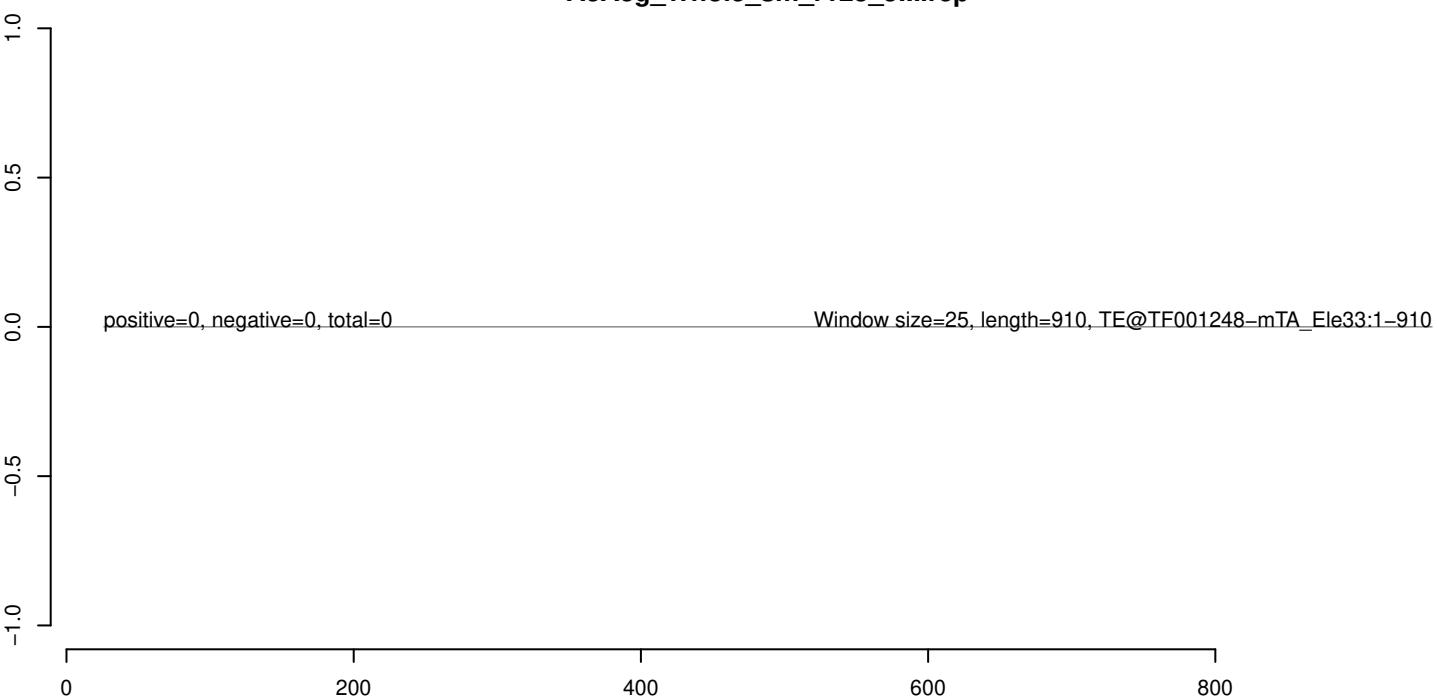
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1302, TE@TF001245-mTA\_Ele30:1–1302

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

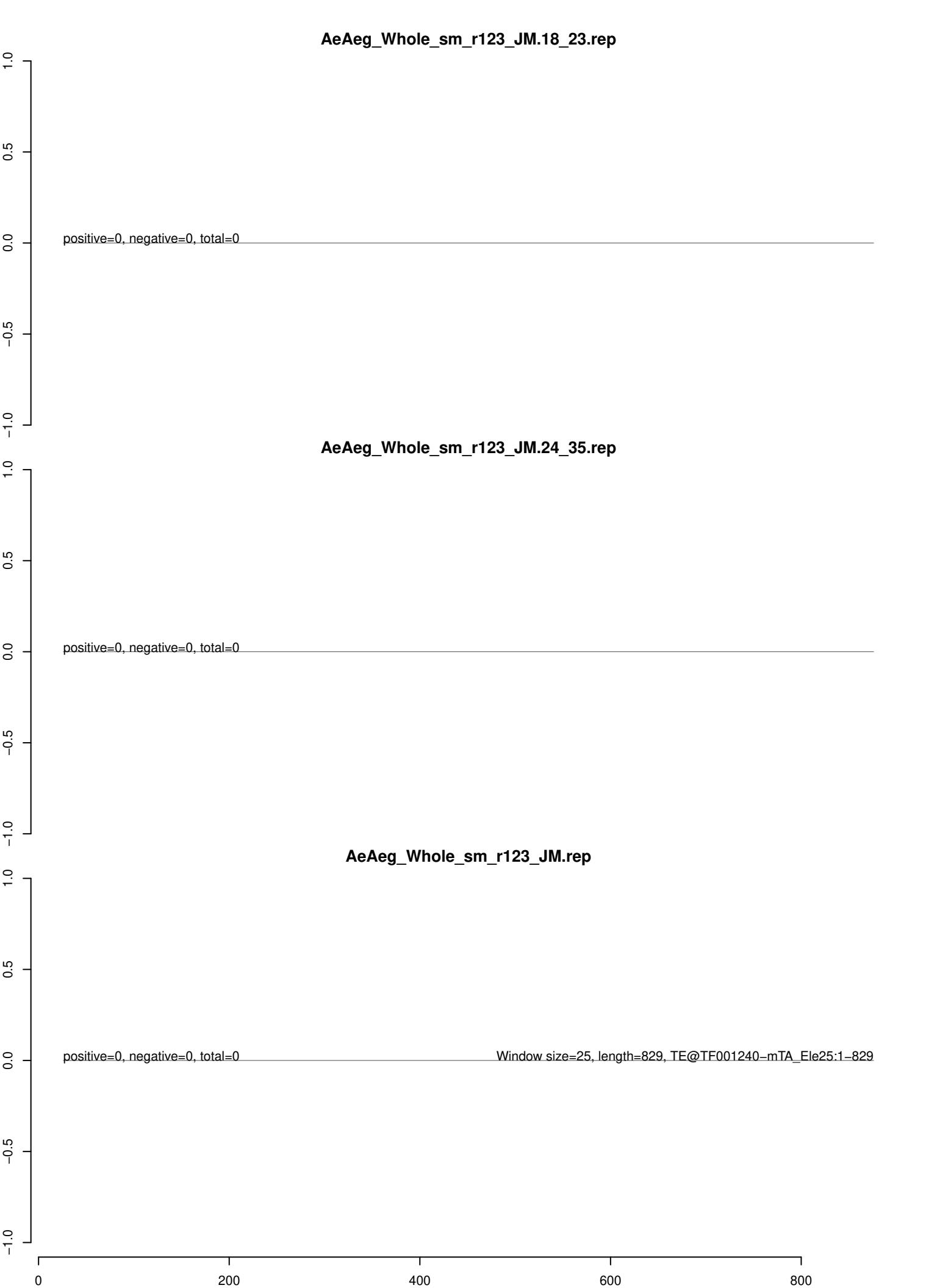
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

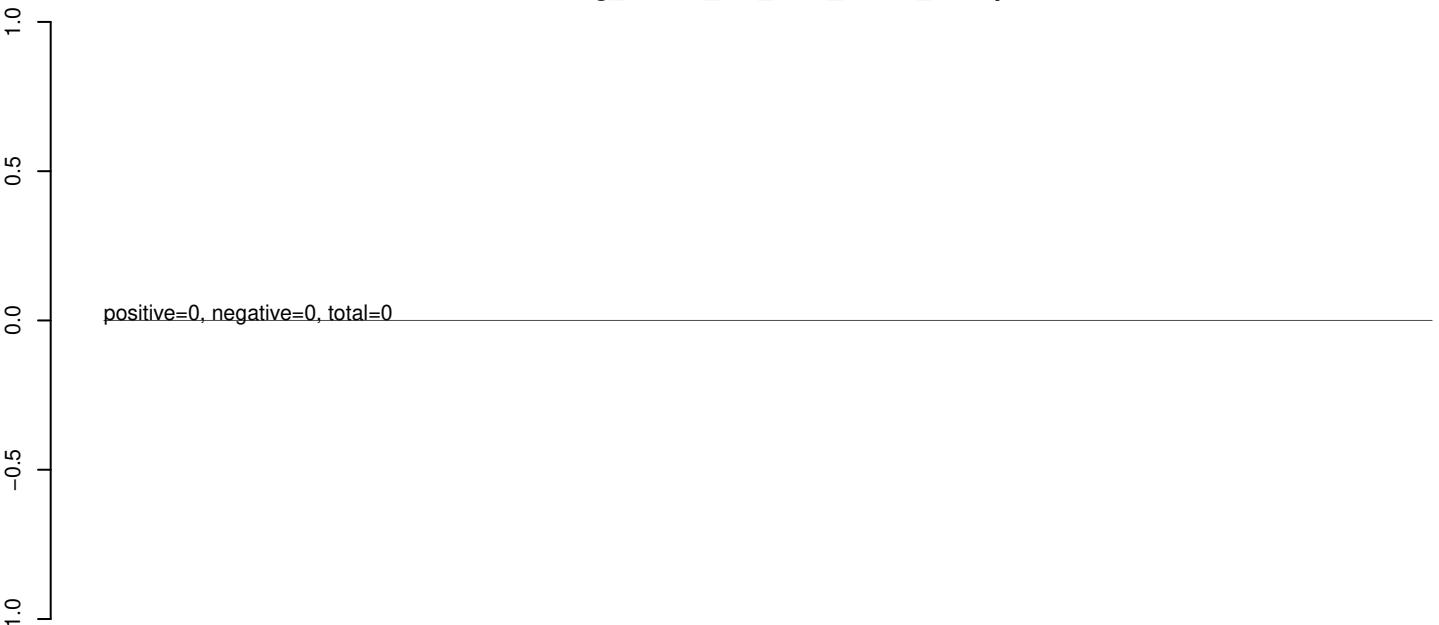
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

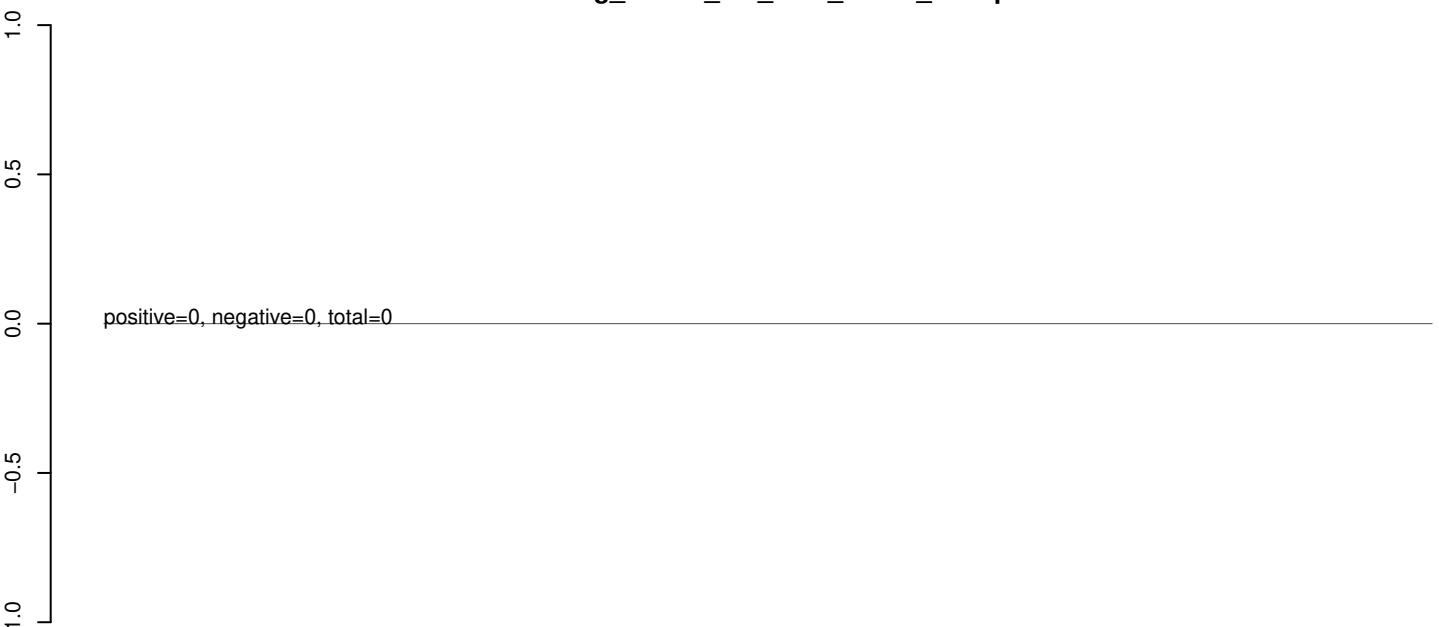
Window size=25, length=829, TE@TF001240-mTA\_Ele25:1-829



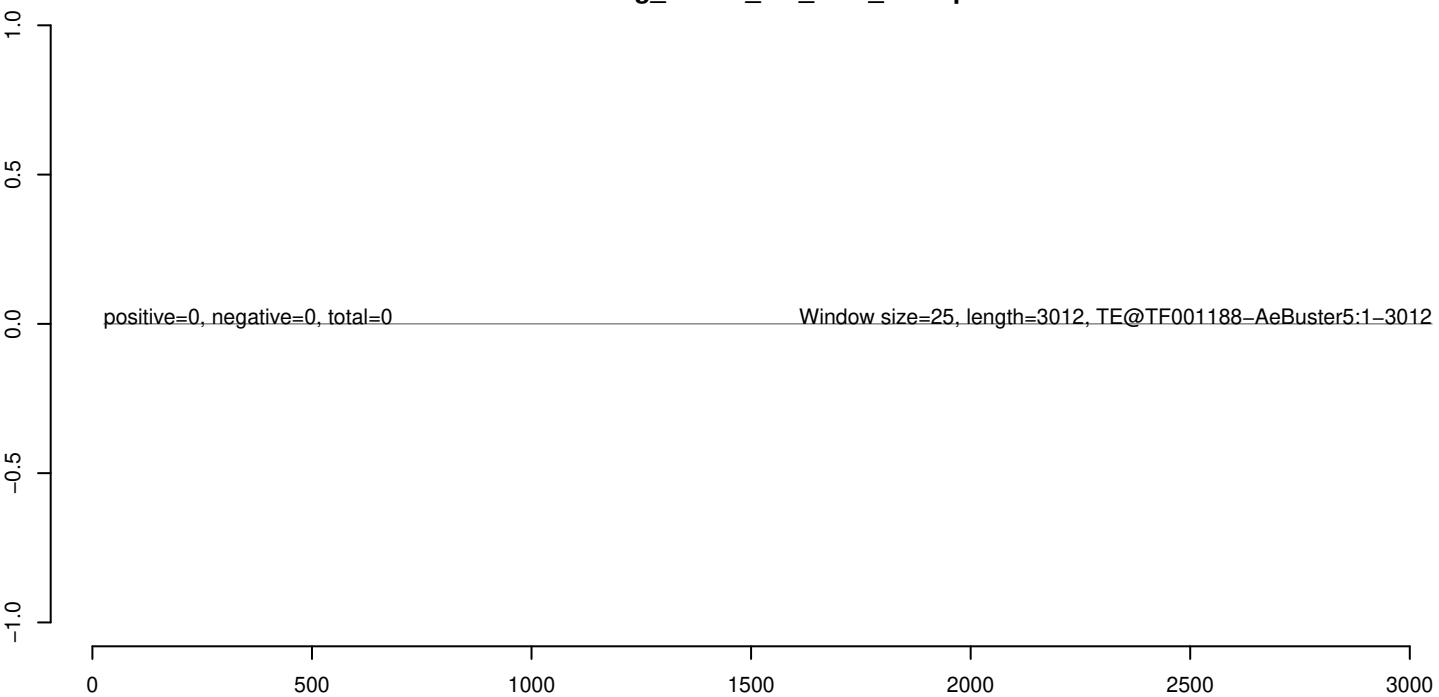
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=4242, TE@TF001157-Ty1\_copia\_Ele176:1-4242

0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

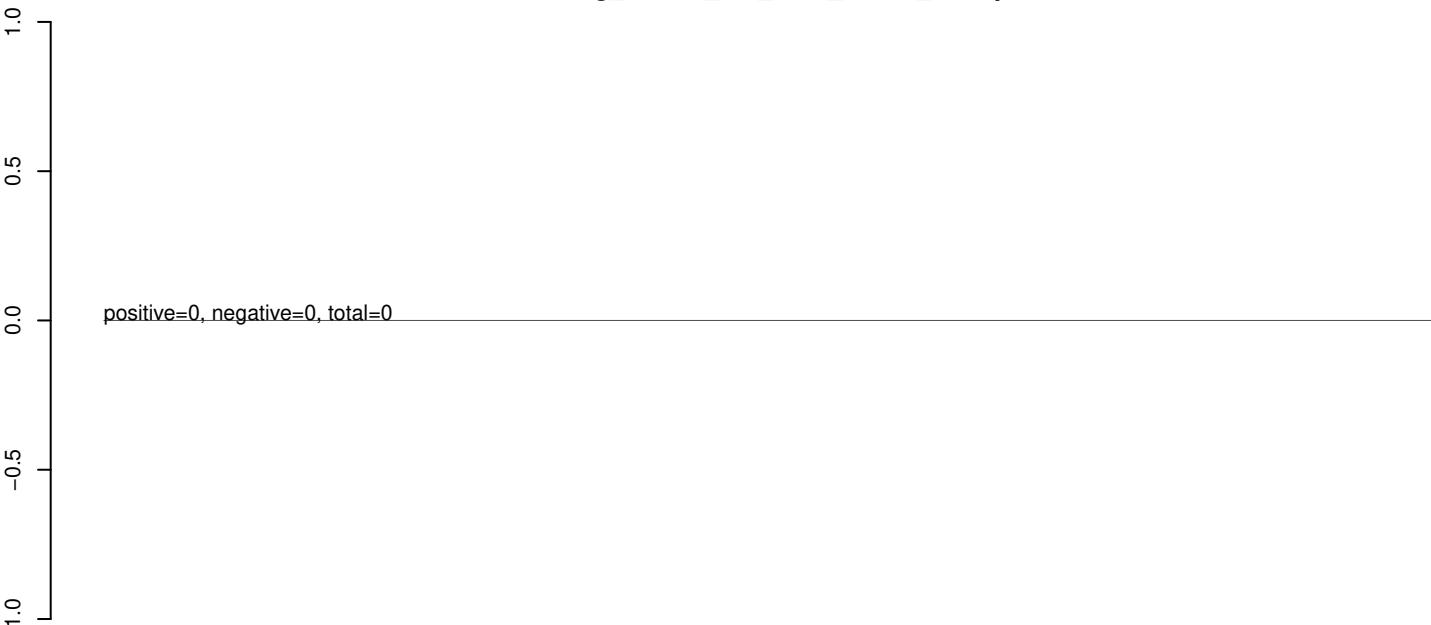
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

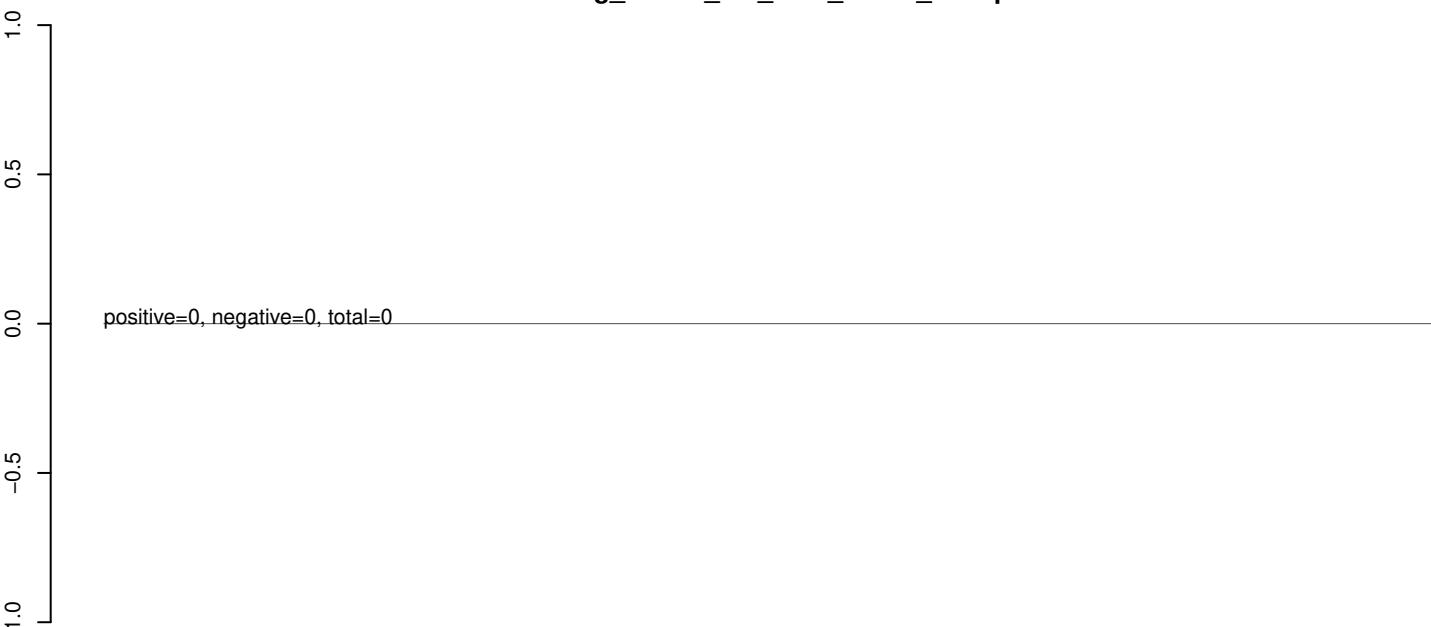
positive=0, negative=0, total=0

Window.size=25, length=2084, TE@TF001155-Ty1\_copia\_Ele156:1-2084

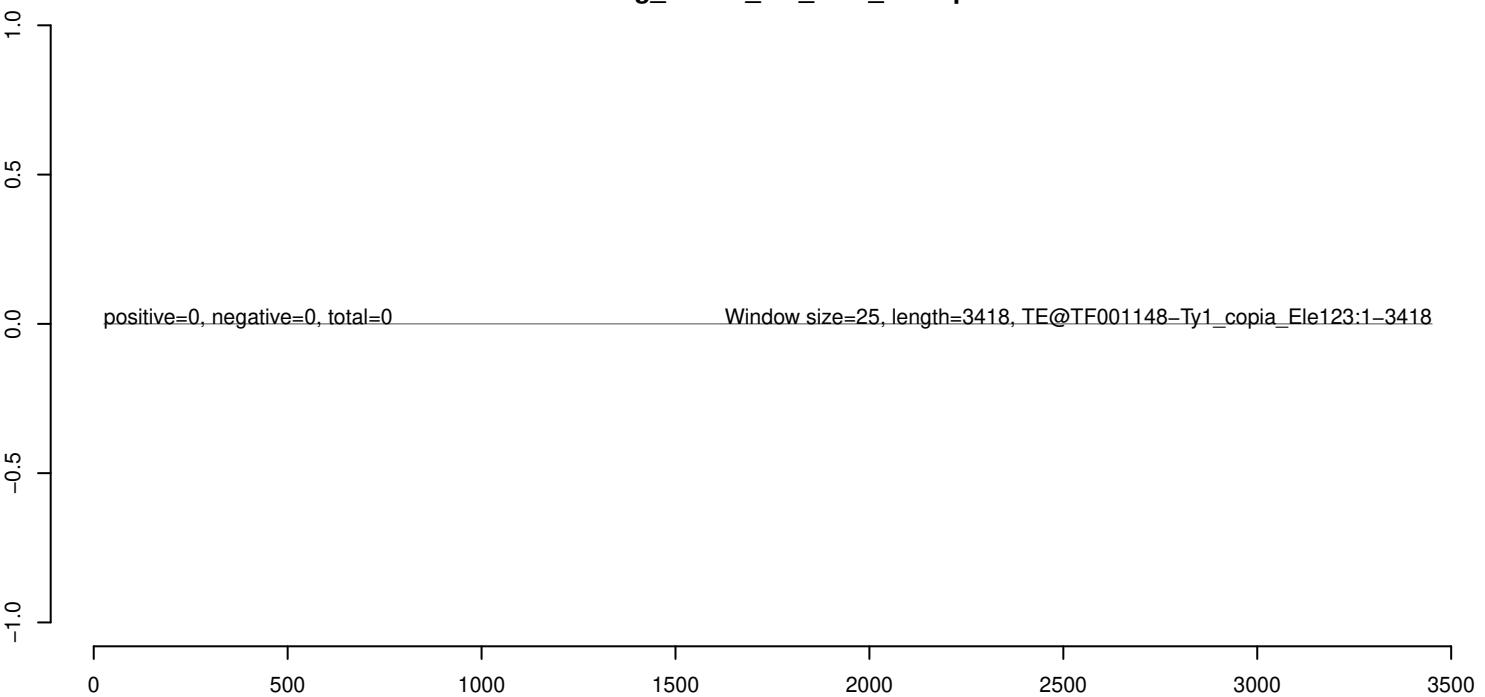
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



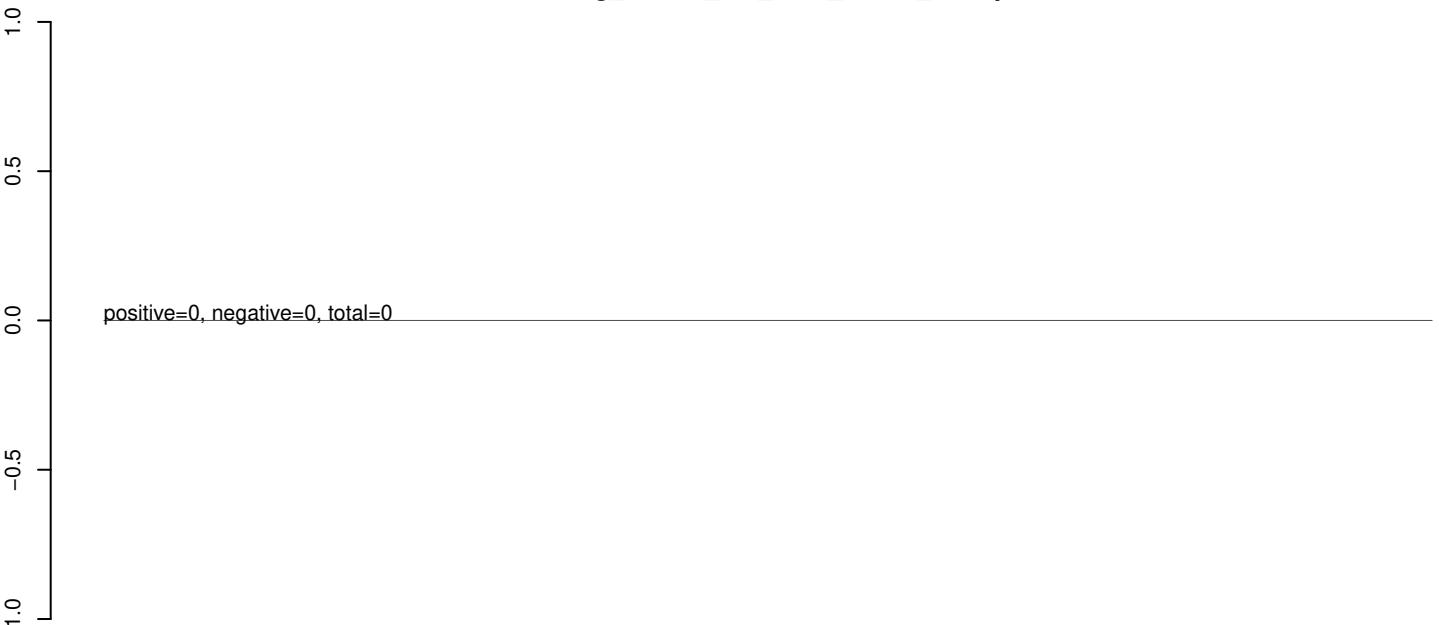
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



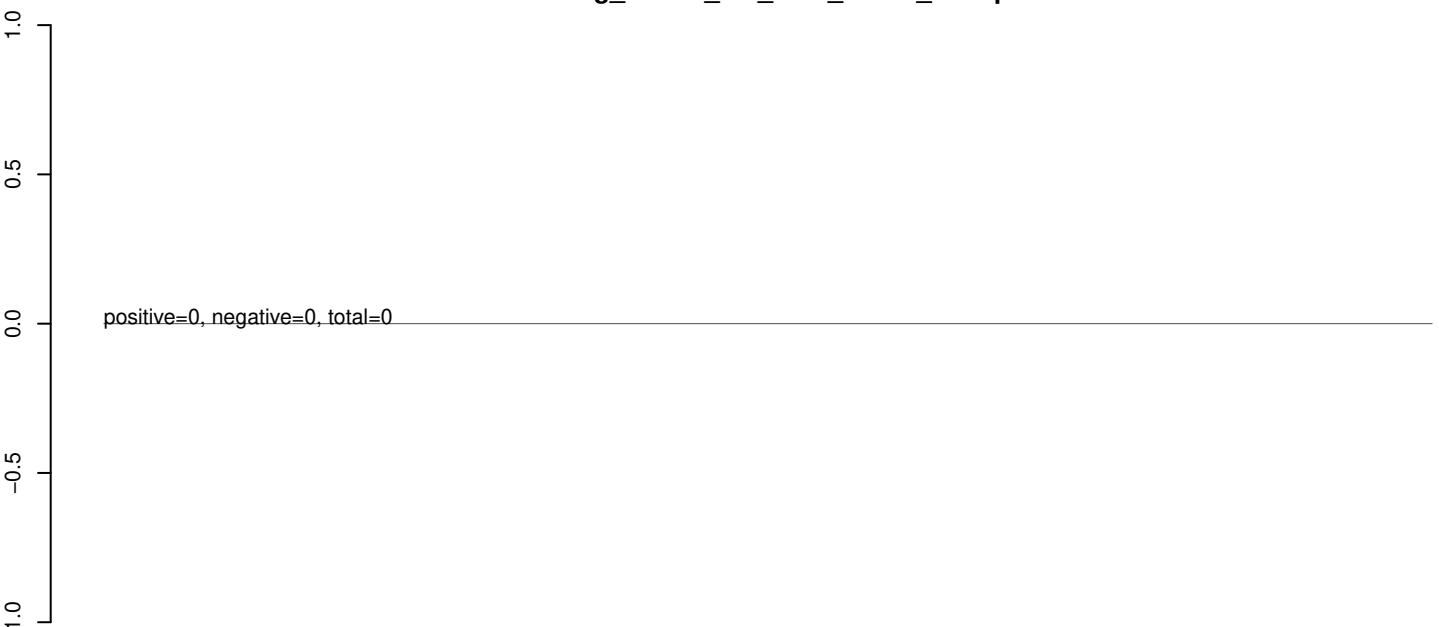
**AeAeg\_Whole\_sm\_r123\_JM.rep**



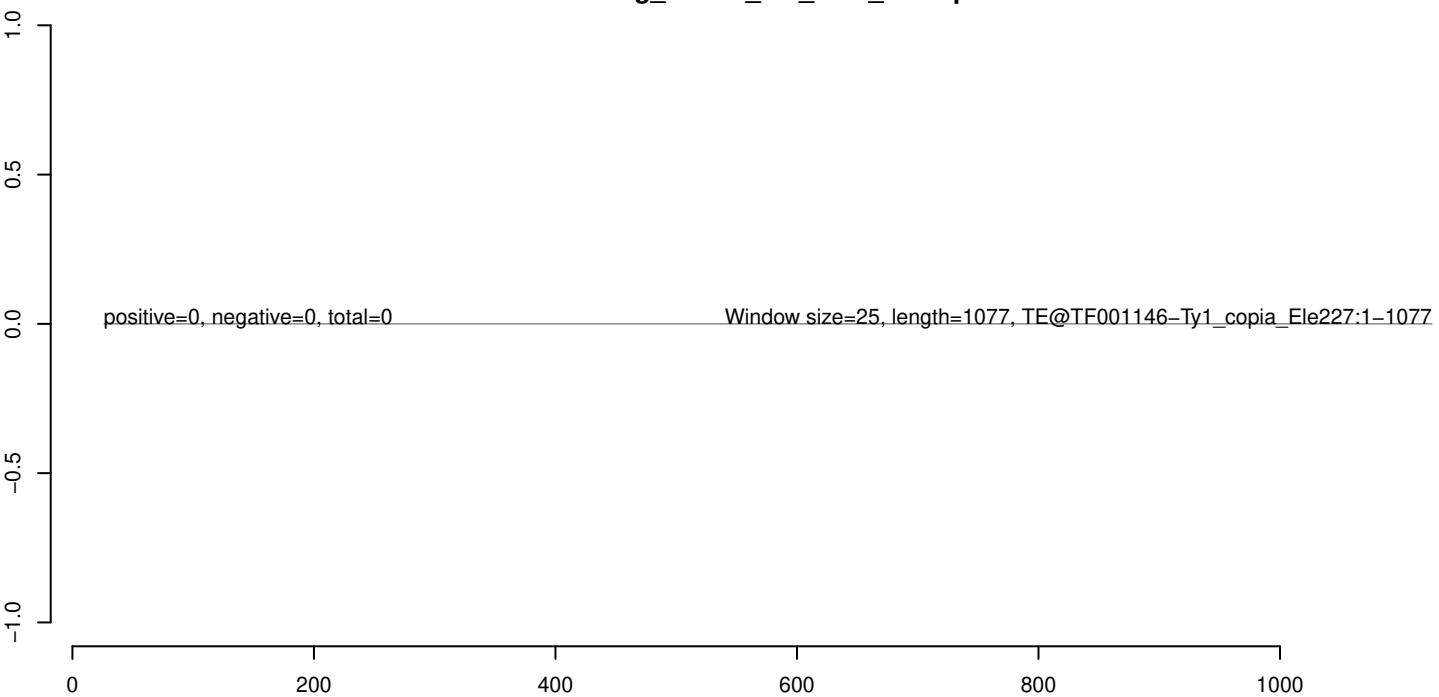
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



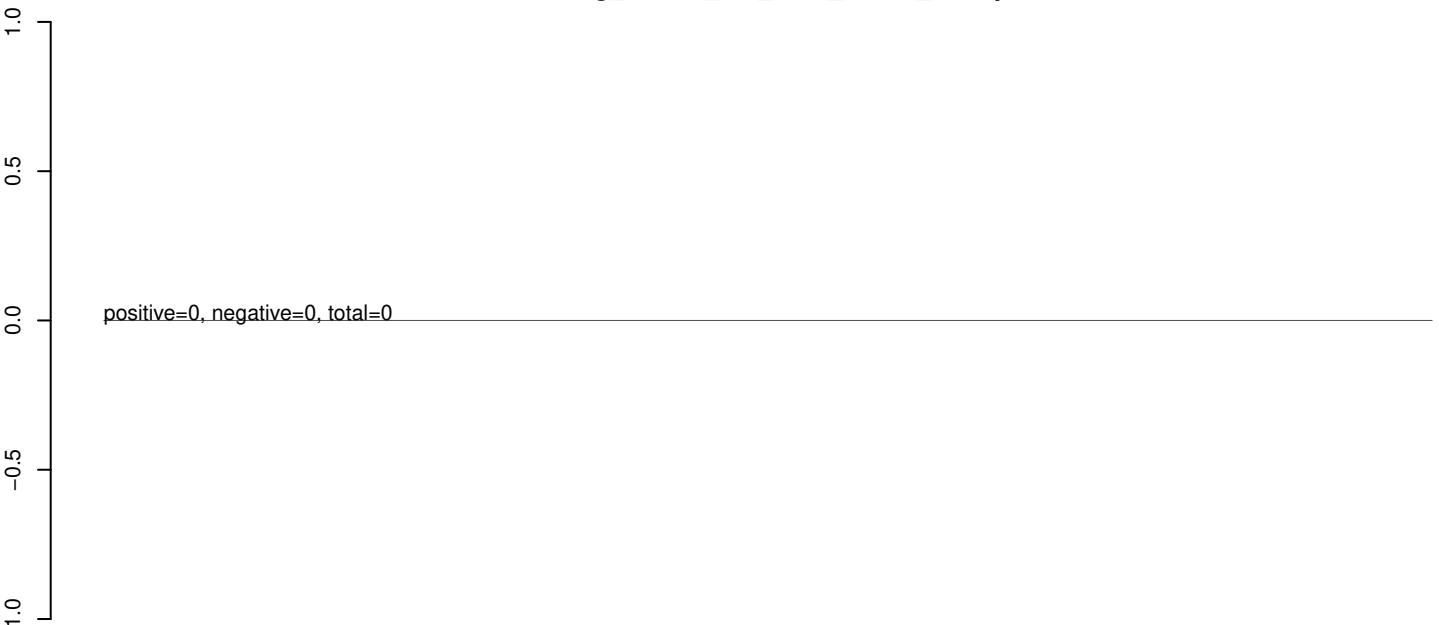
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



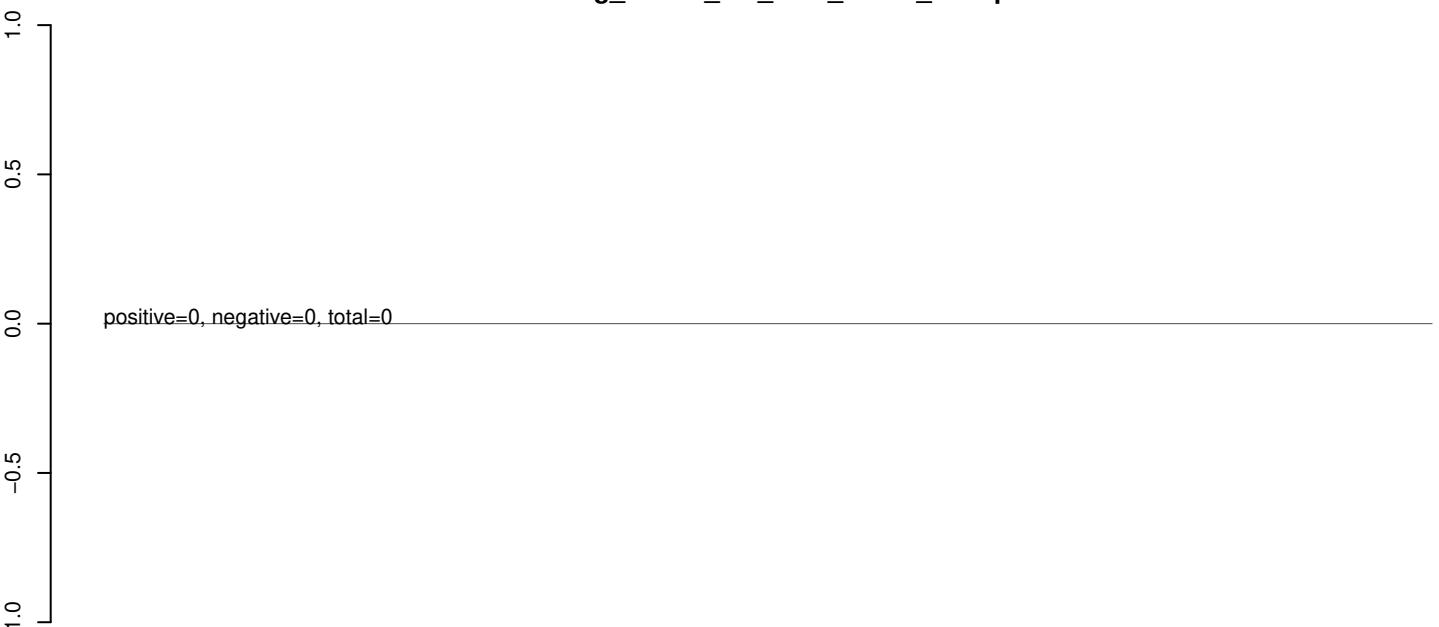
**AeAeg\_Whole\_sm\_r123\_JM.rep**



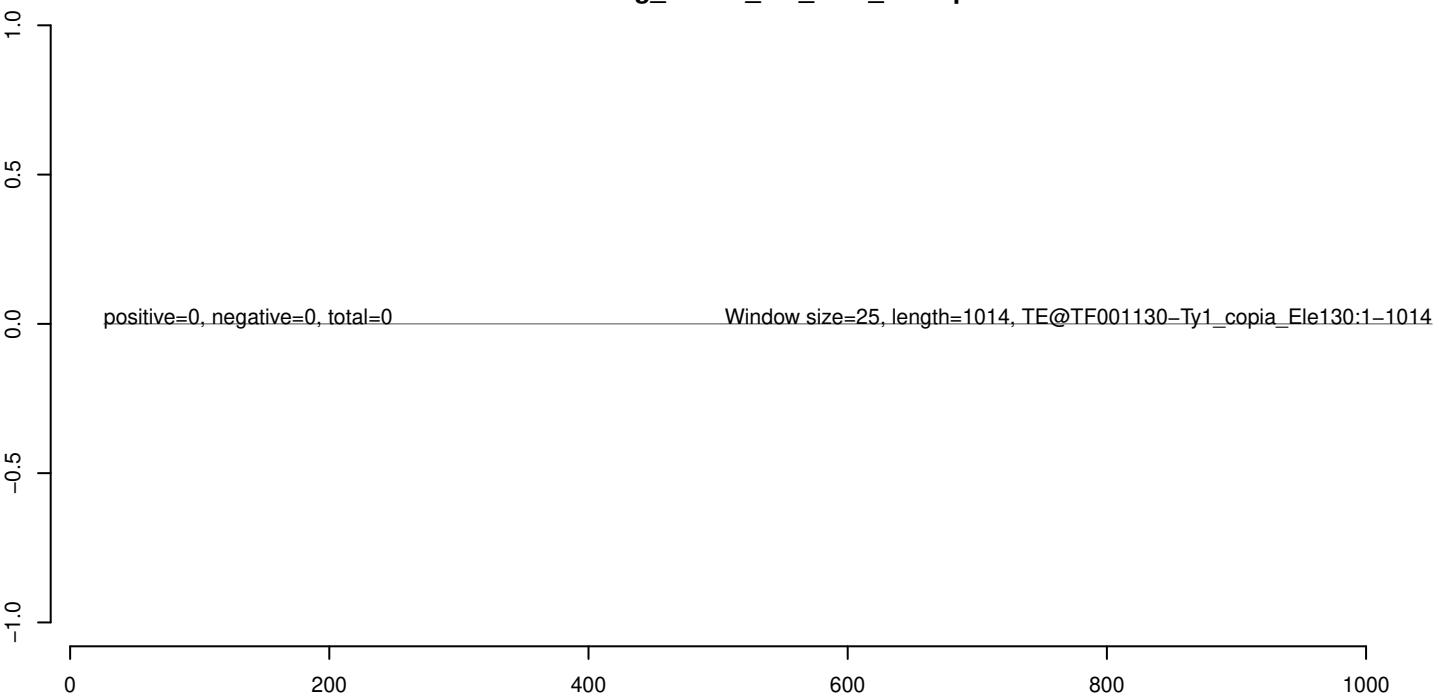
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

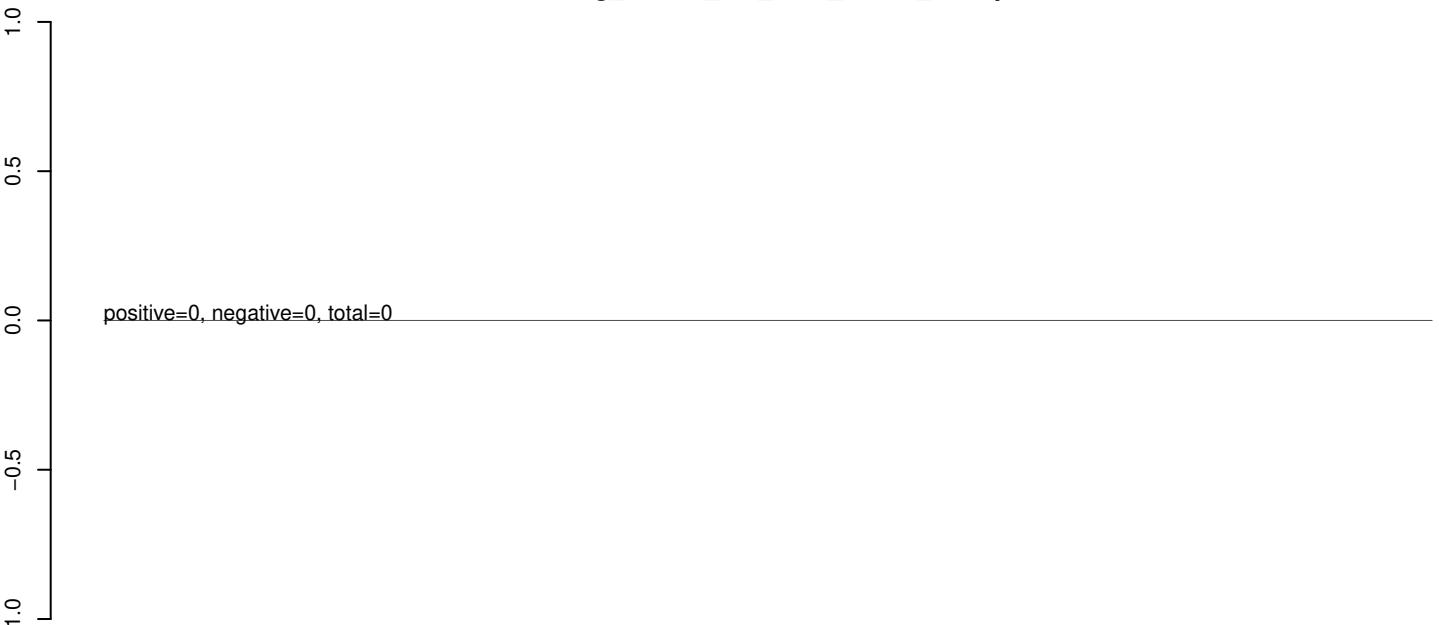


**AeAeg\_Whole\_sm\_r123\_JM.rep**

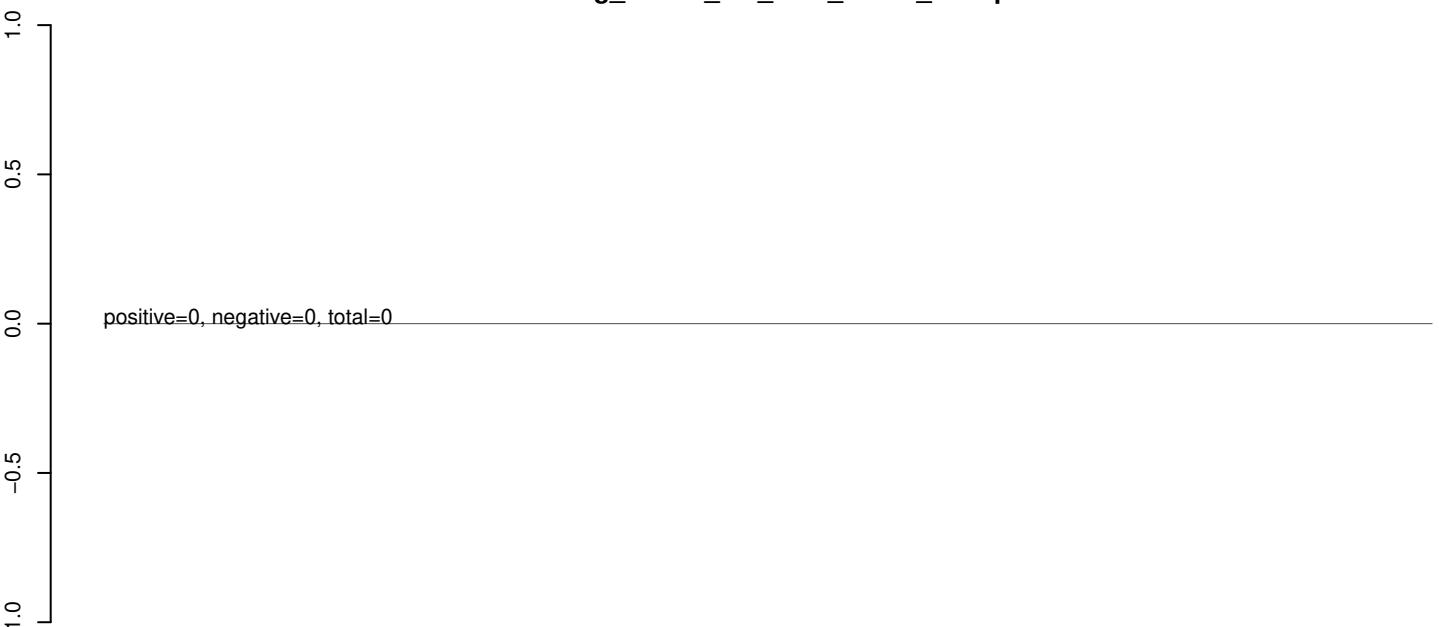


0 200 400 600 800 1000

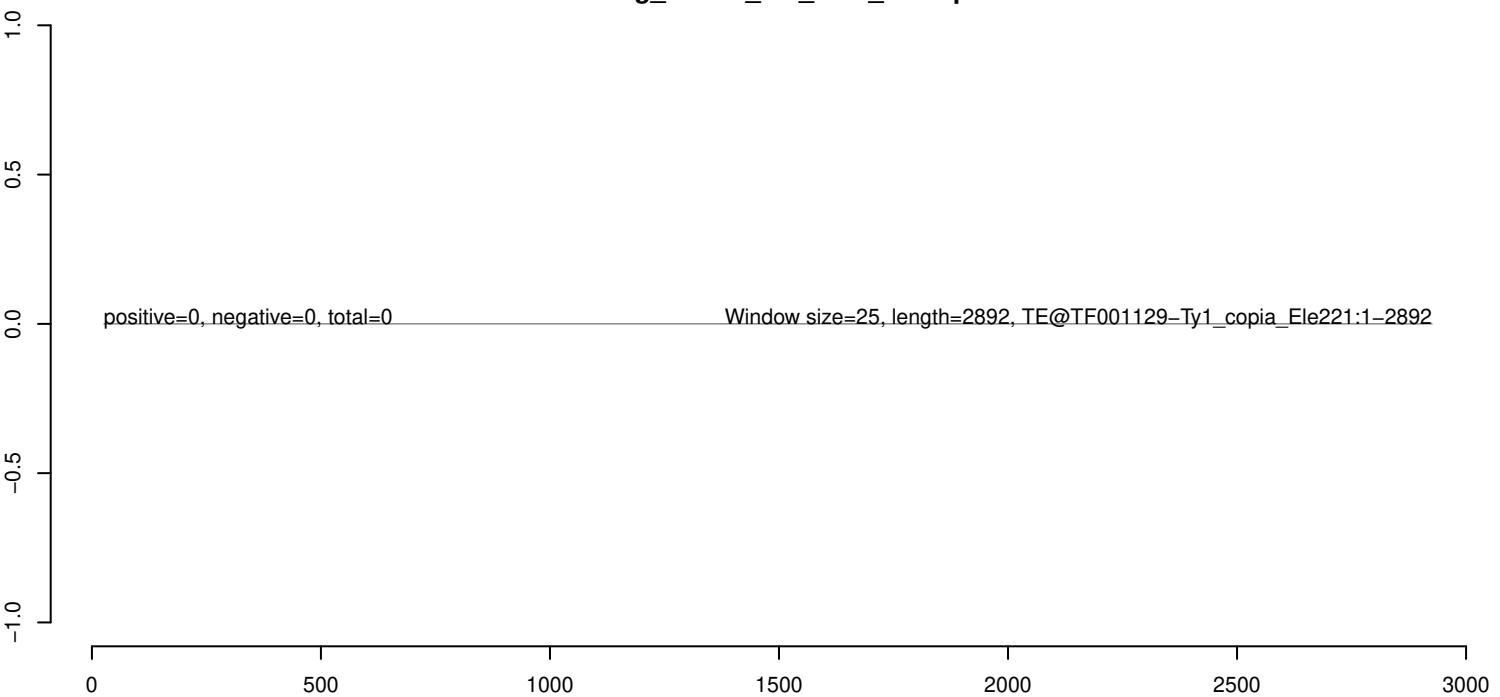
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

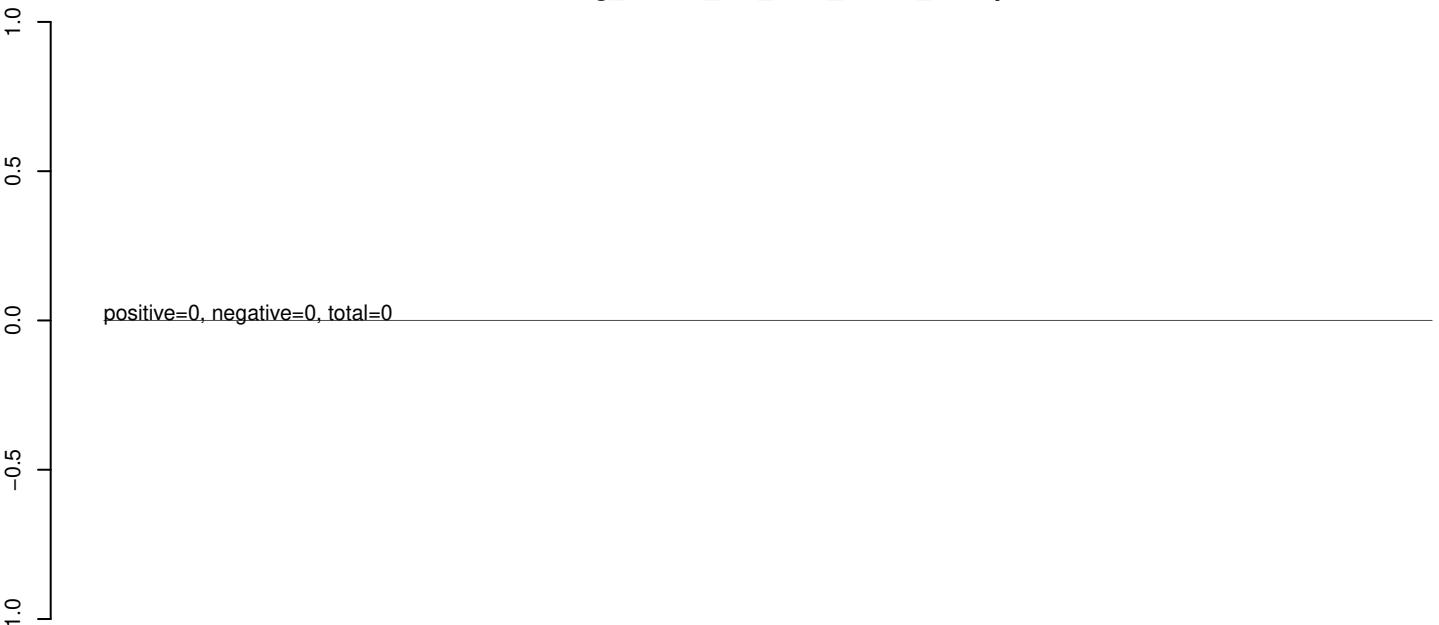
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

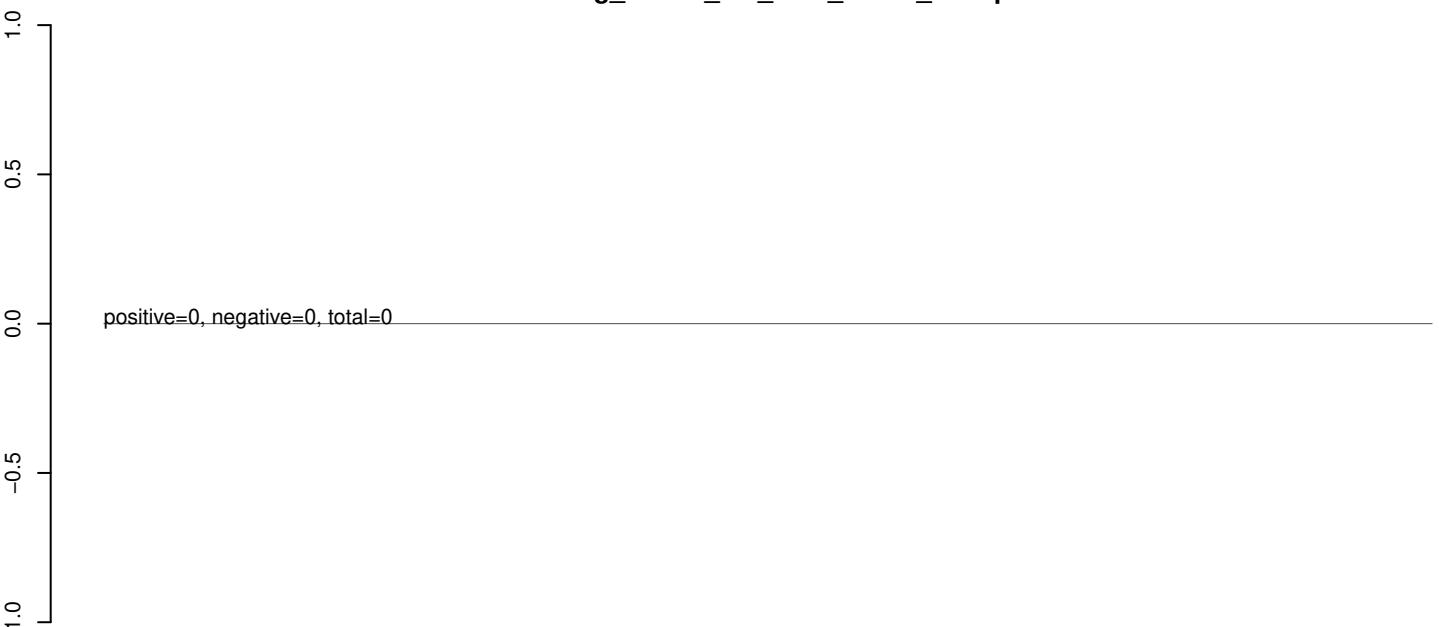
Window.size=25, length=1110, TE@TF001128-Ty1\_copia\_Ele219:1-1110

0 200 400 600 800 1000

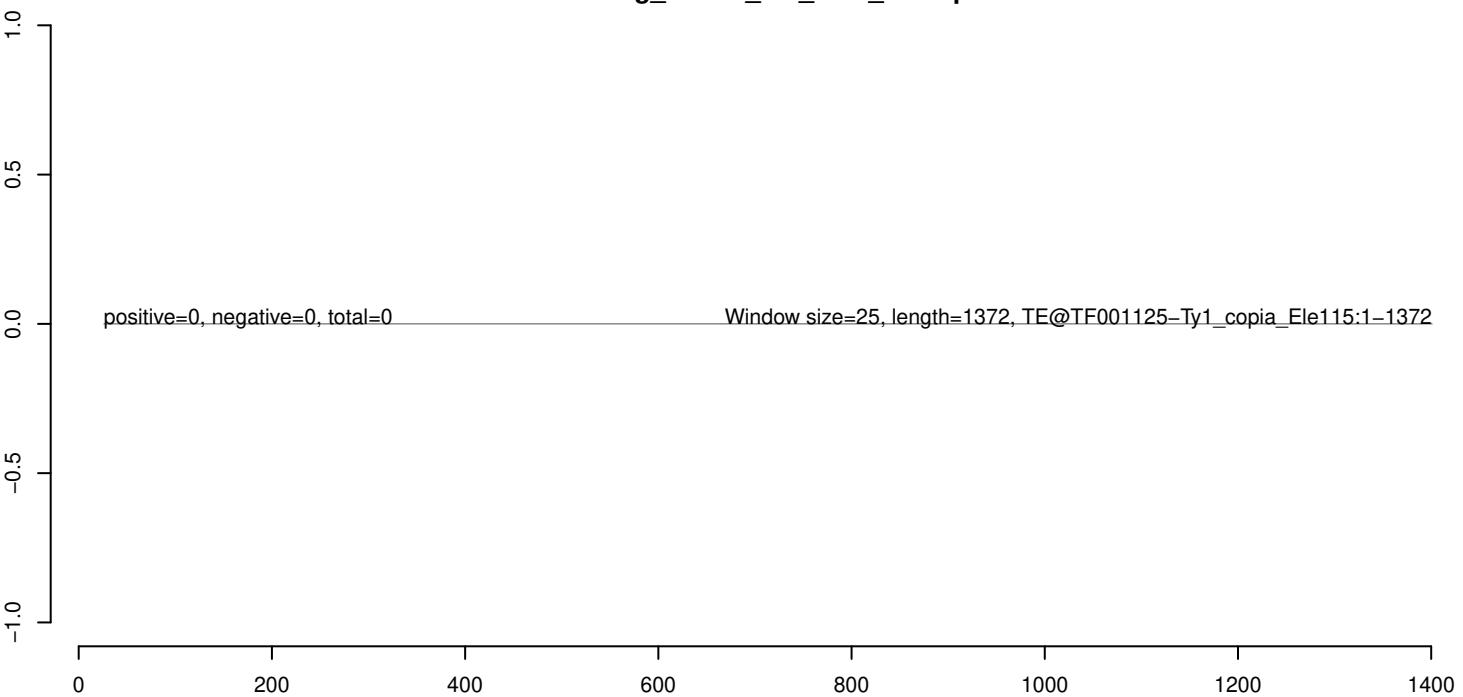
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



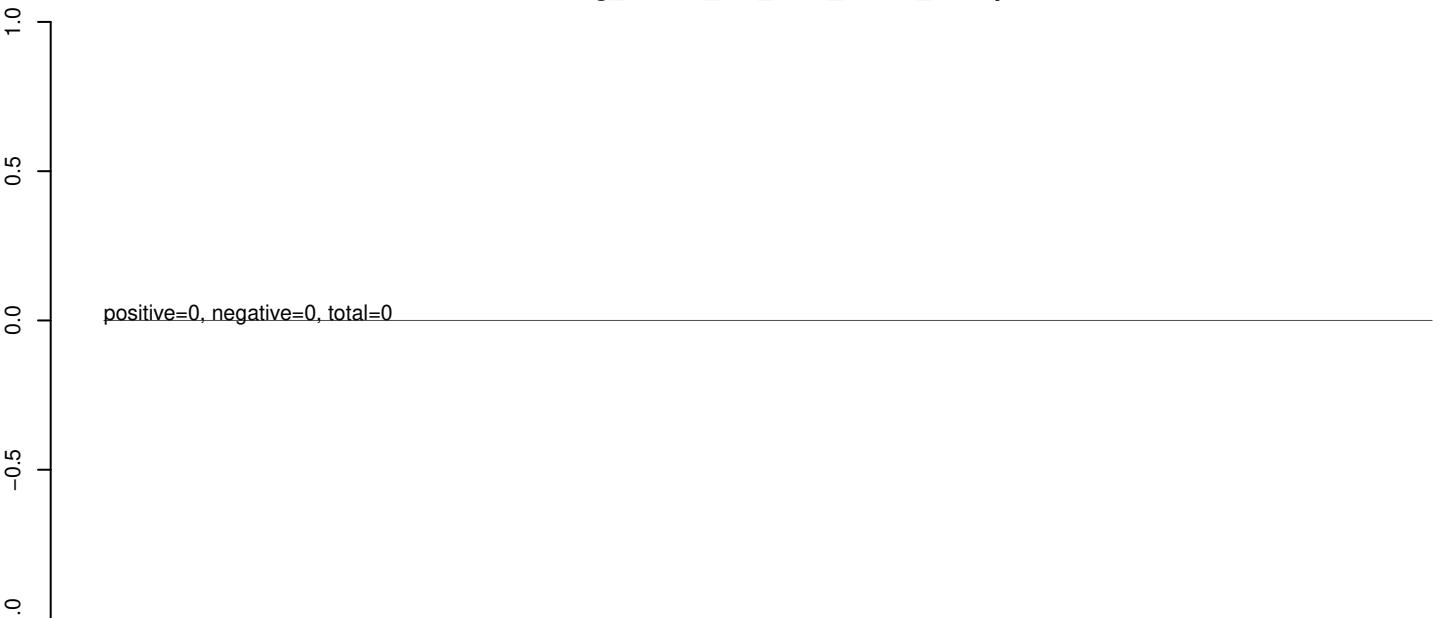
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



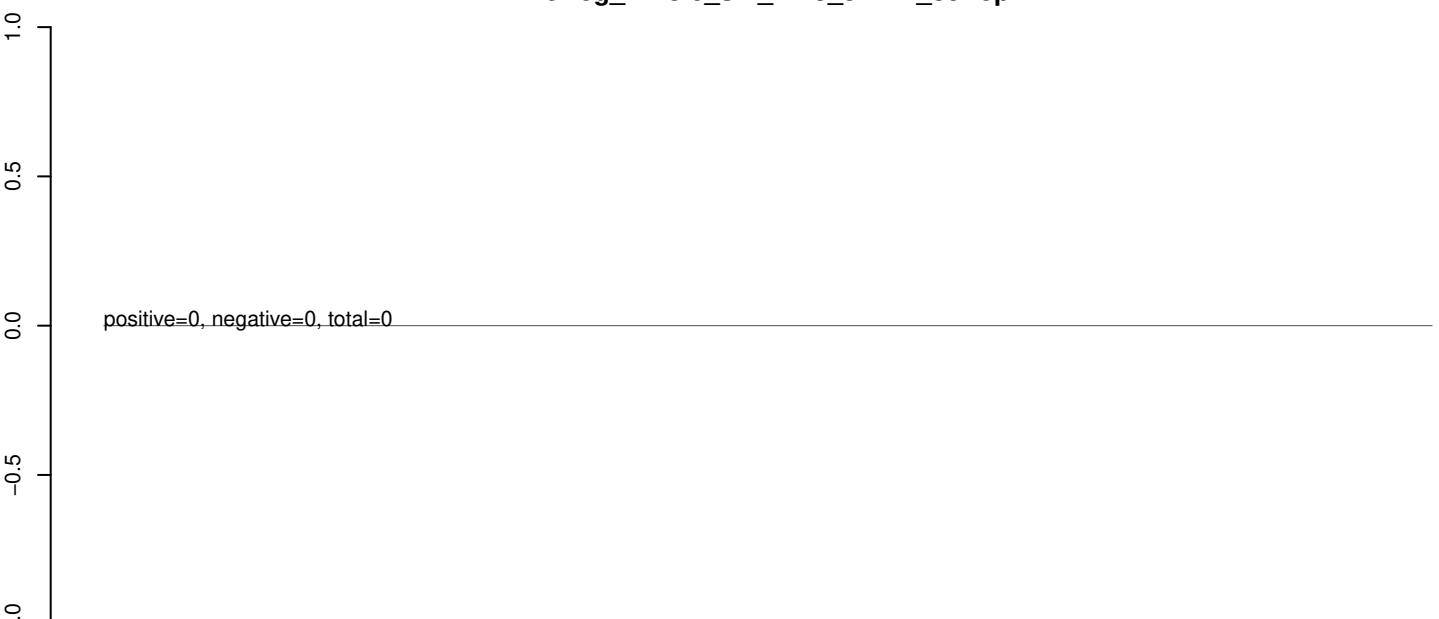
**AeAeg\_Whole\_sm\_r123\_JM.rep**



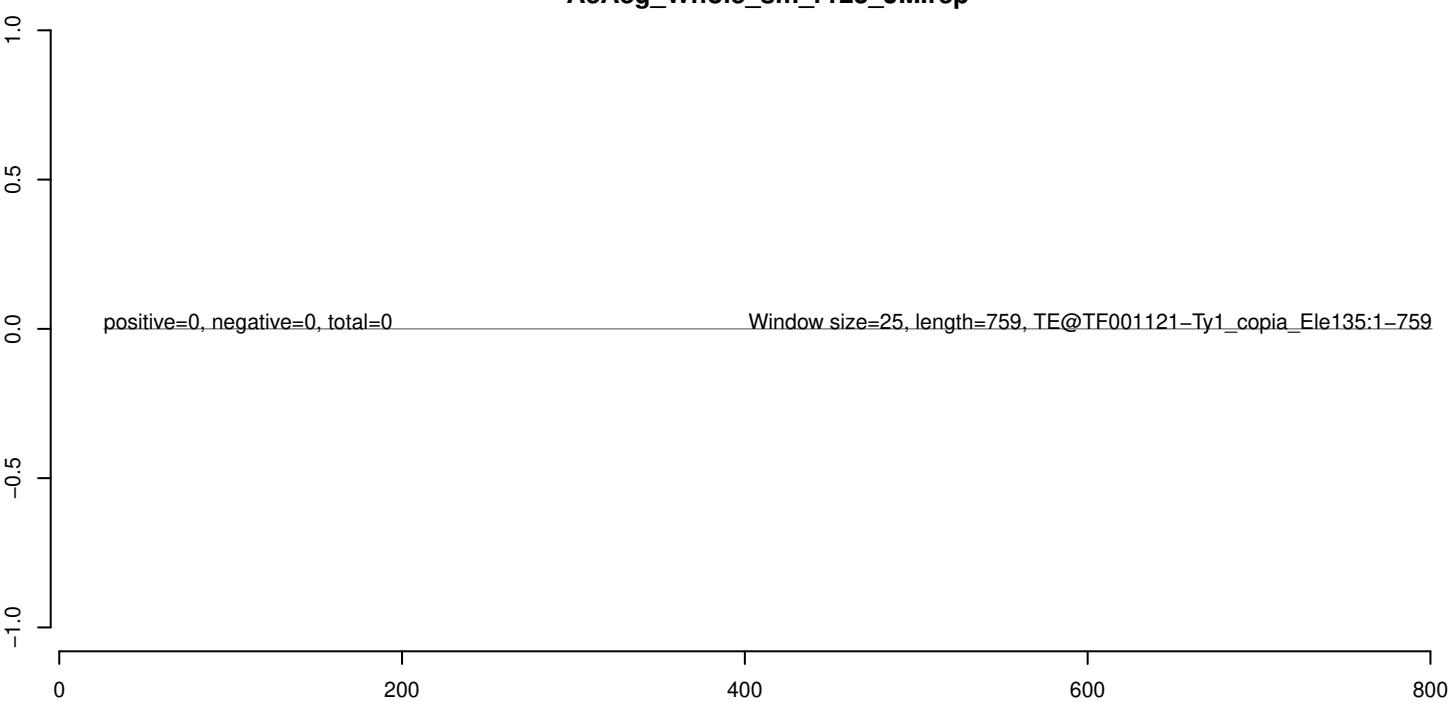
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



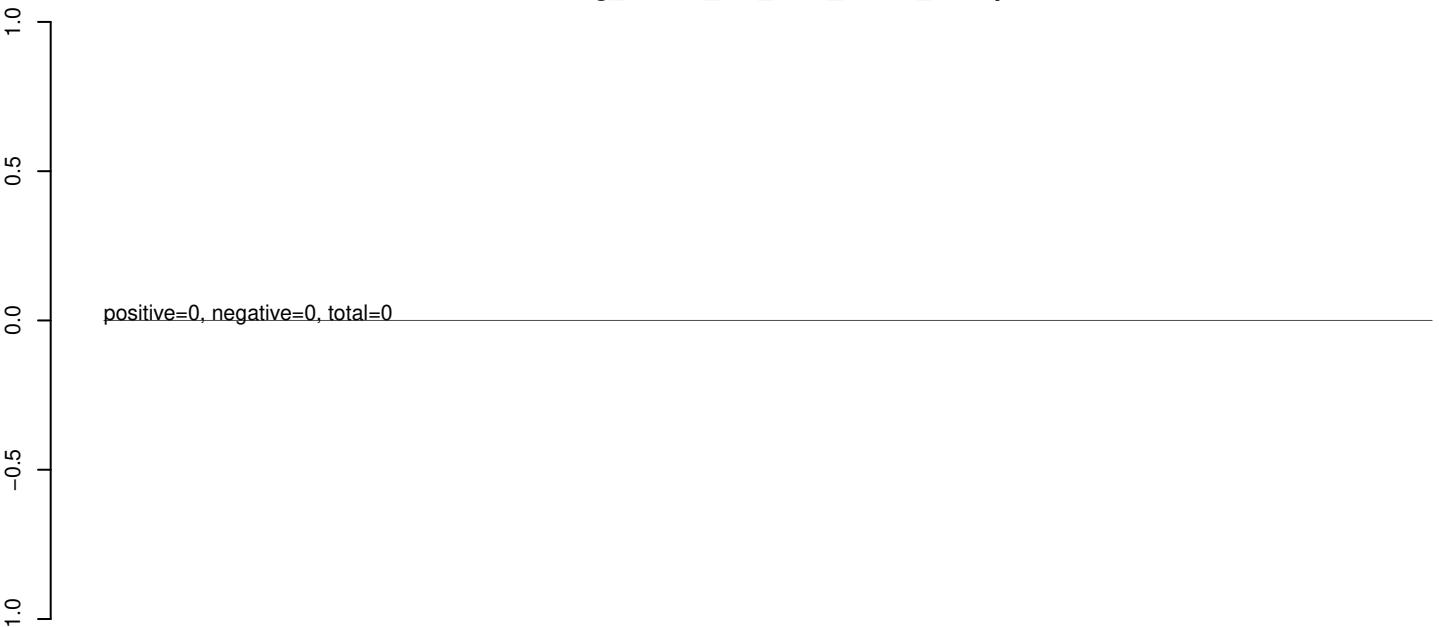
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



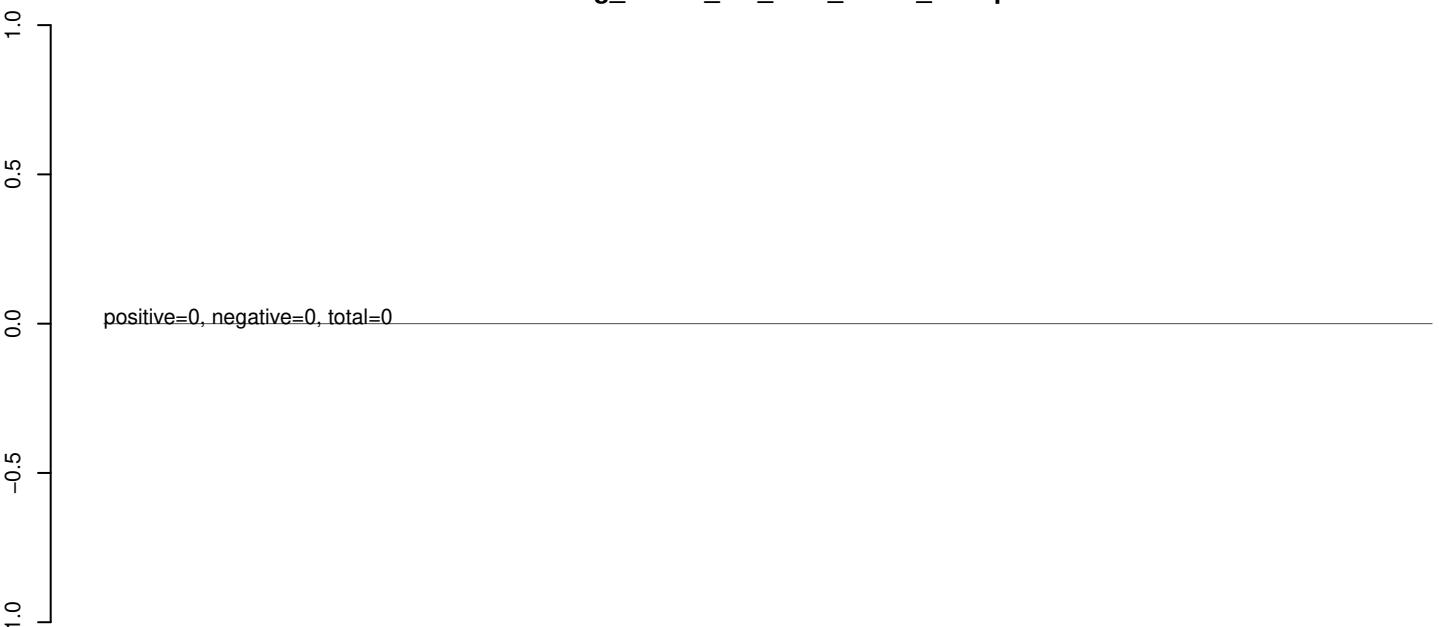
**AeAeg\_Whole\_sm\_r123\_JM.rep**



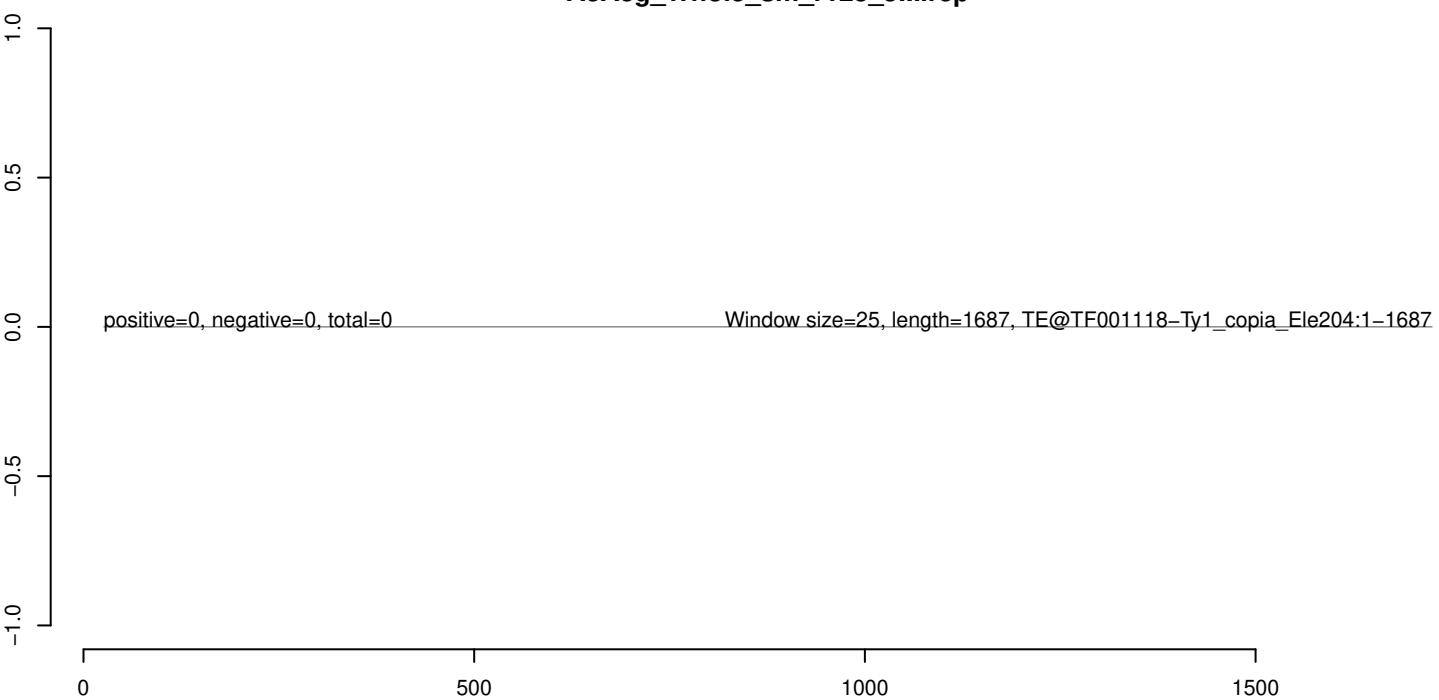
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



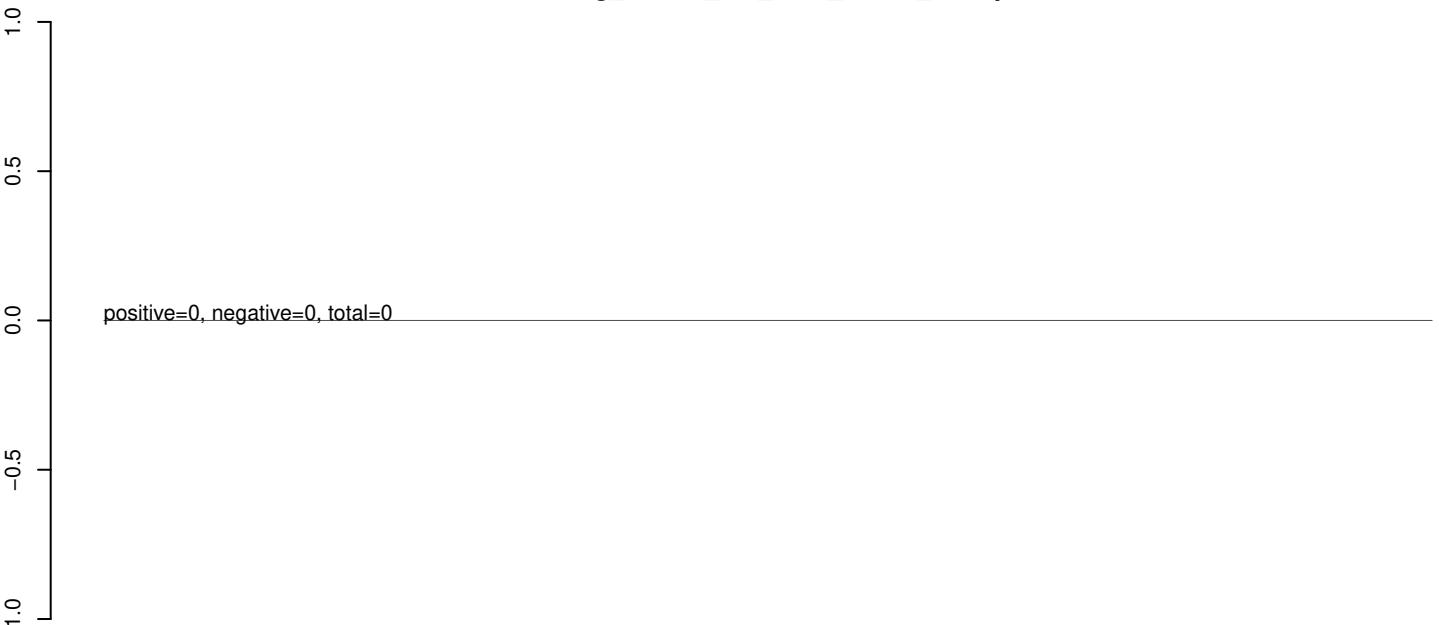
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



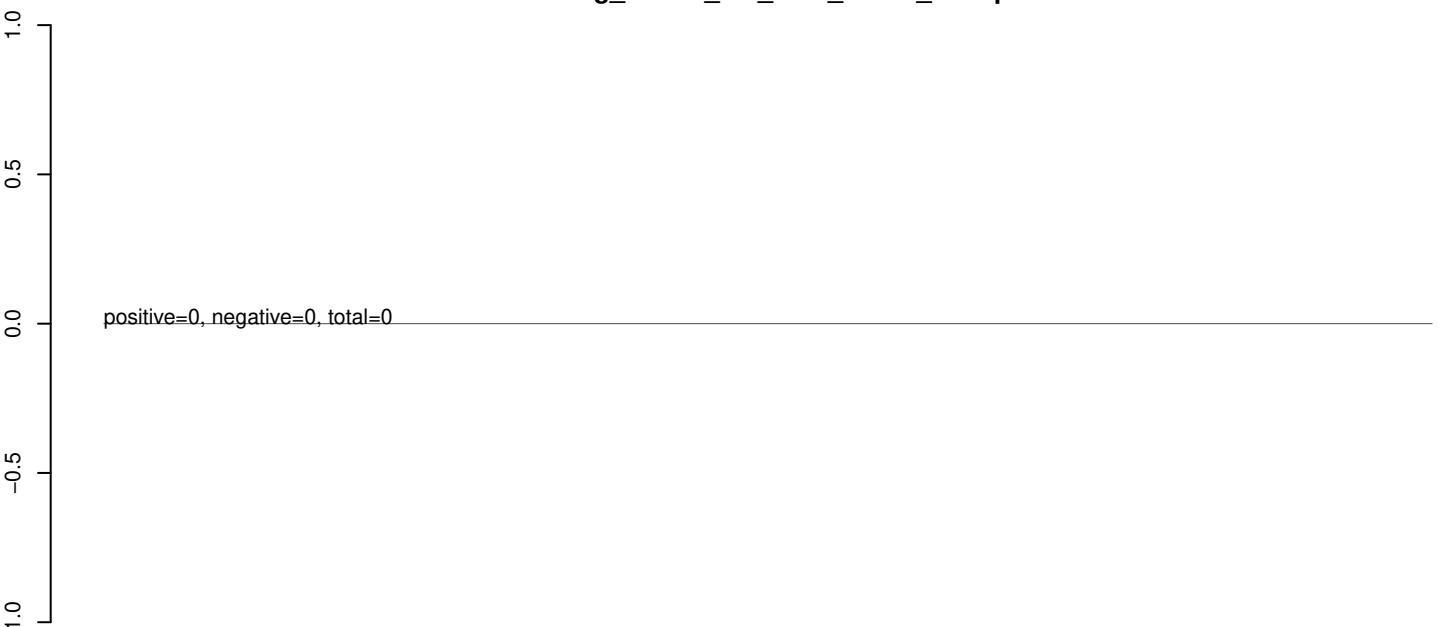
**AeAeg\_Whole\_sm\_r123\_JM.rep**



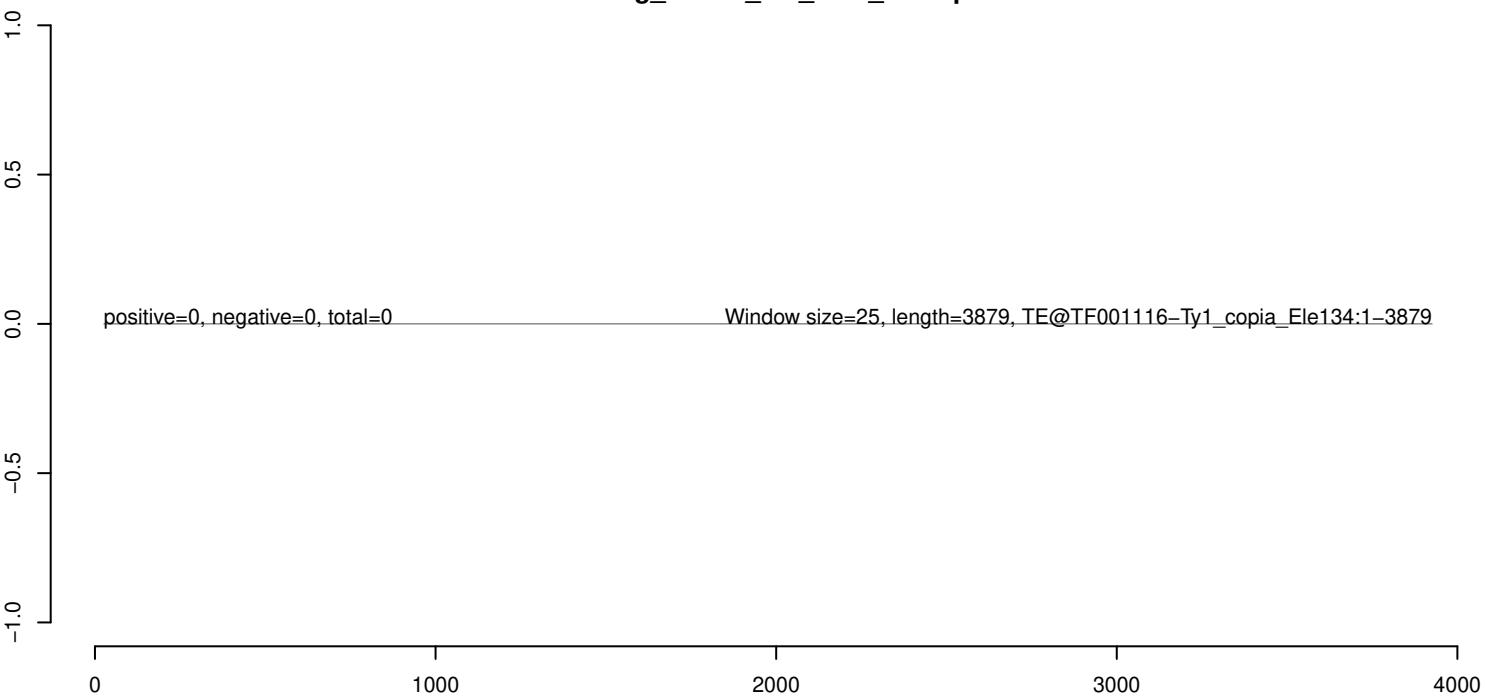
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



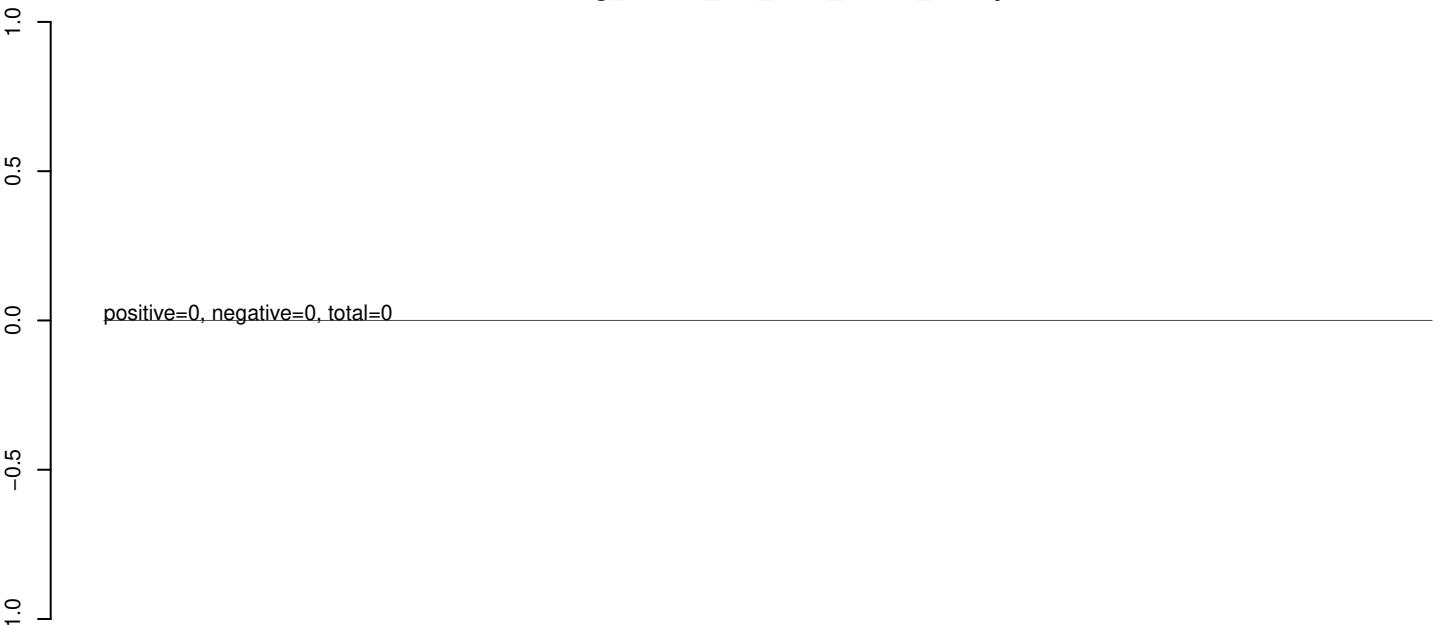
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



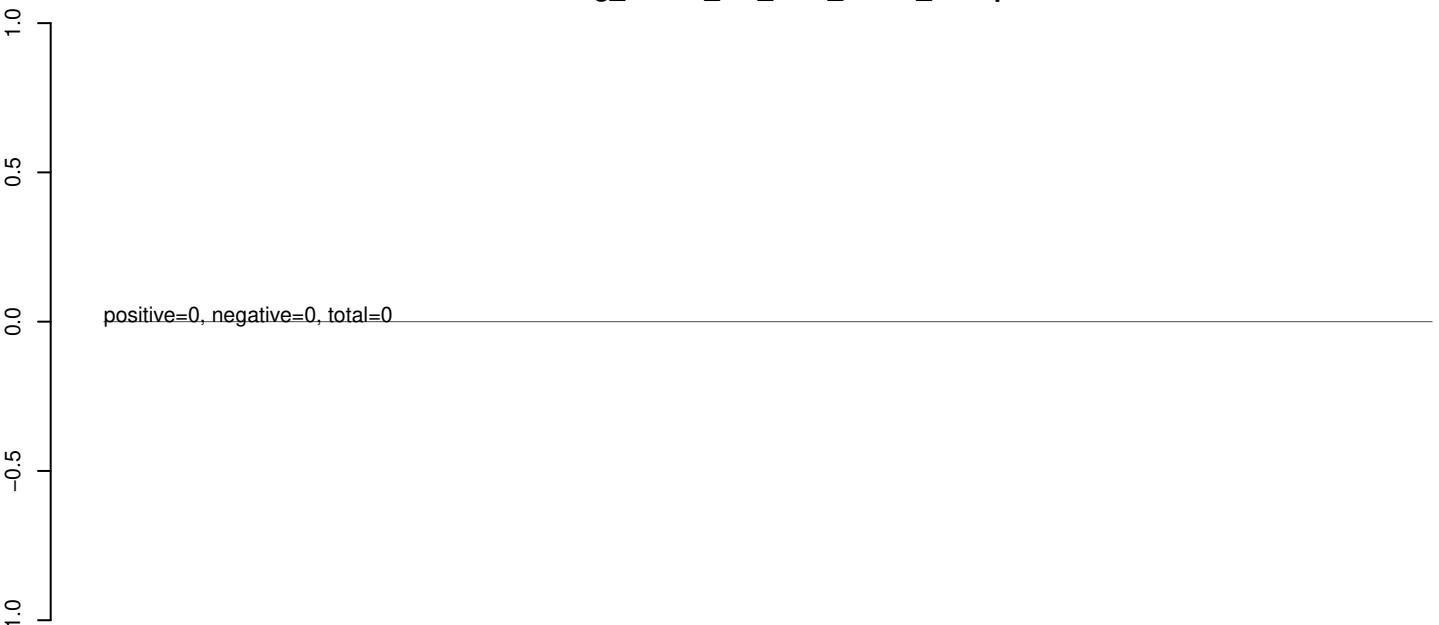
**AeAeg\_Whole\_sm\_r123\_JM.rep**



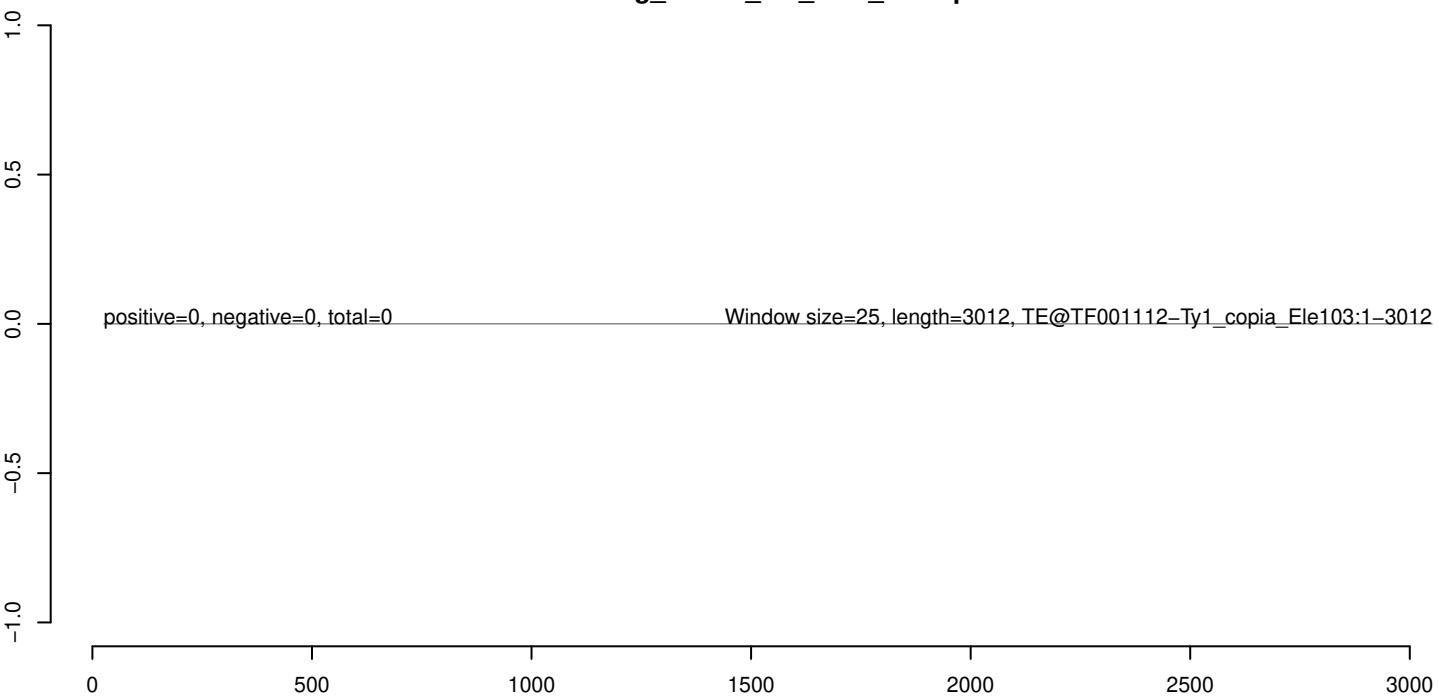
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



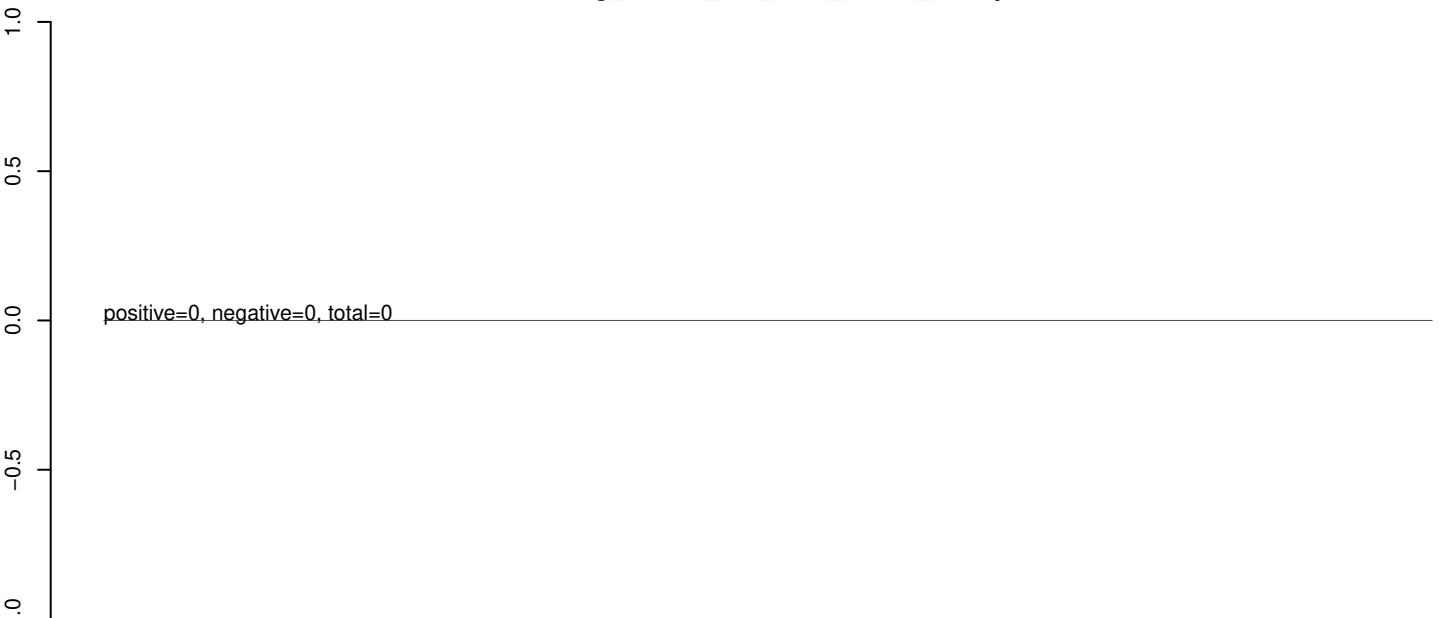
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



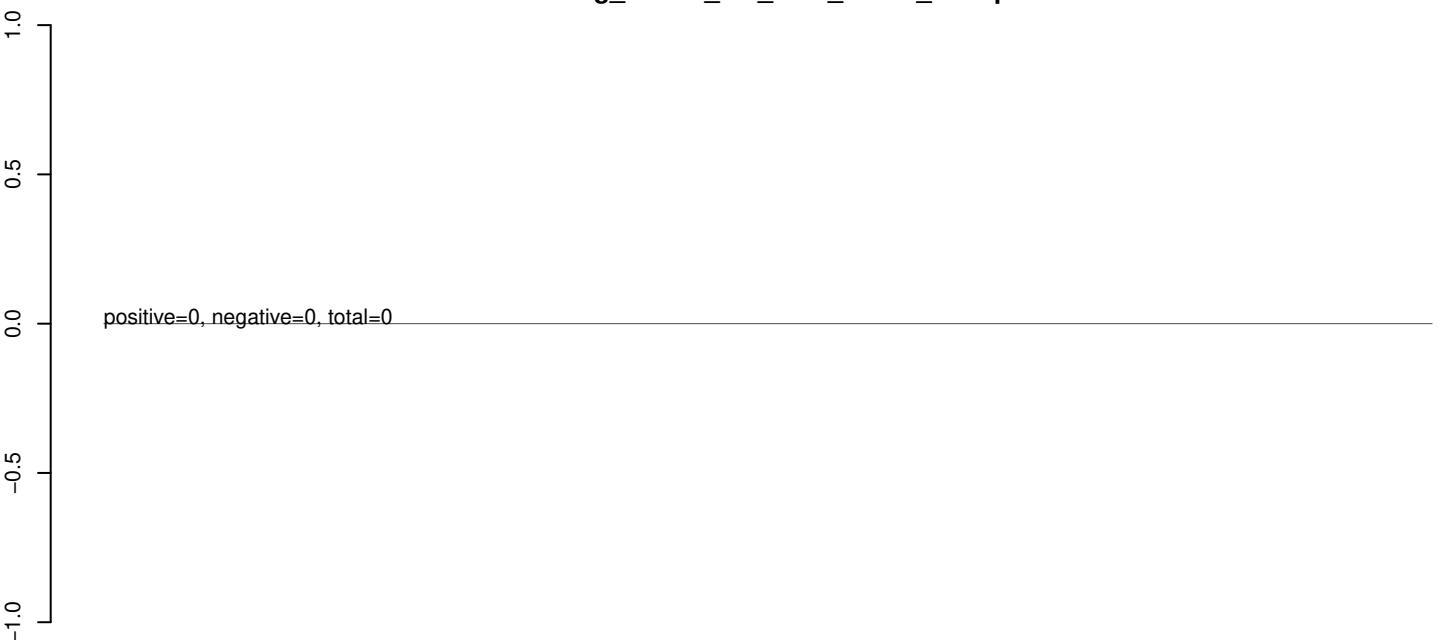
**AeAeg\_Whole\_sm\_r123\_JM.rep**



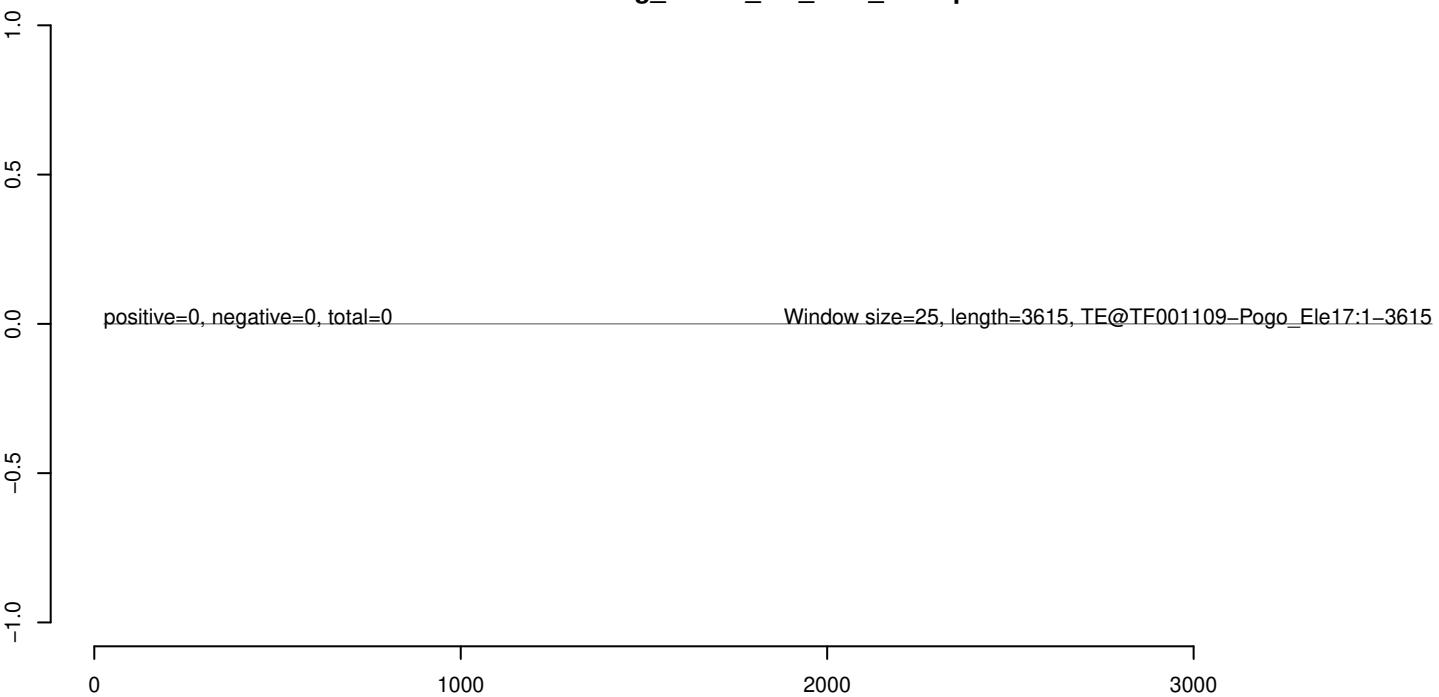
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

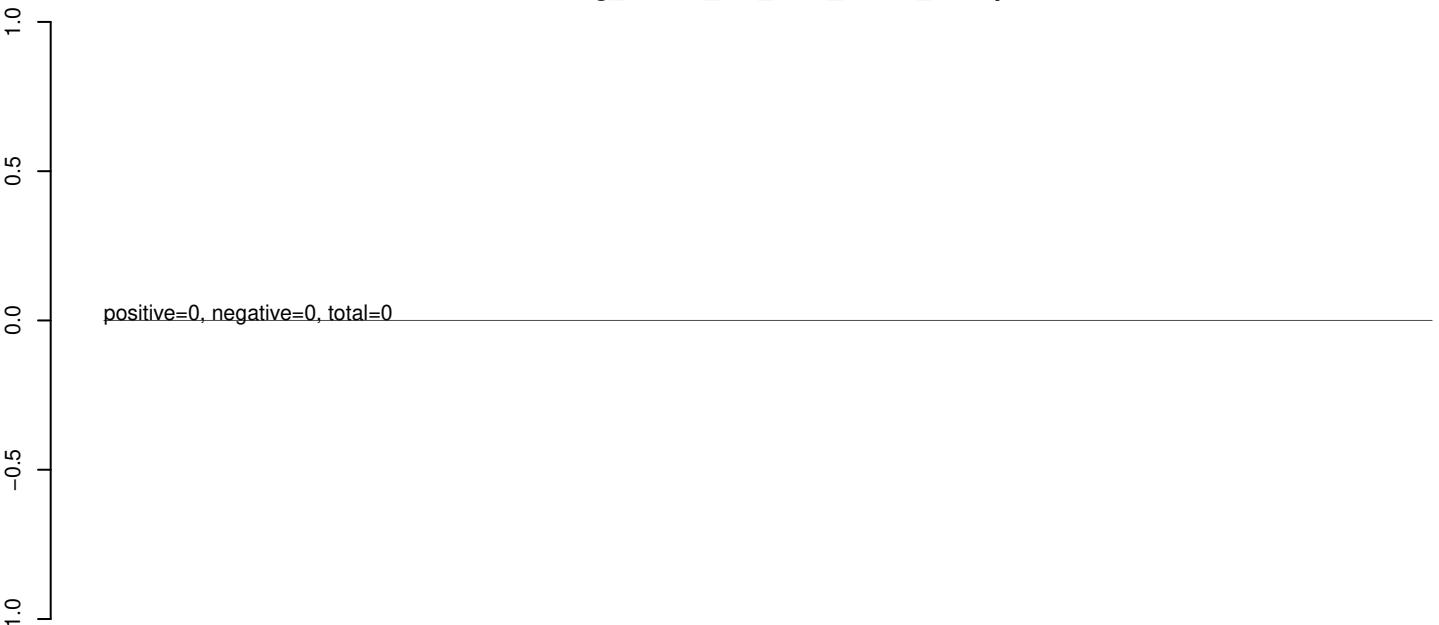
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

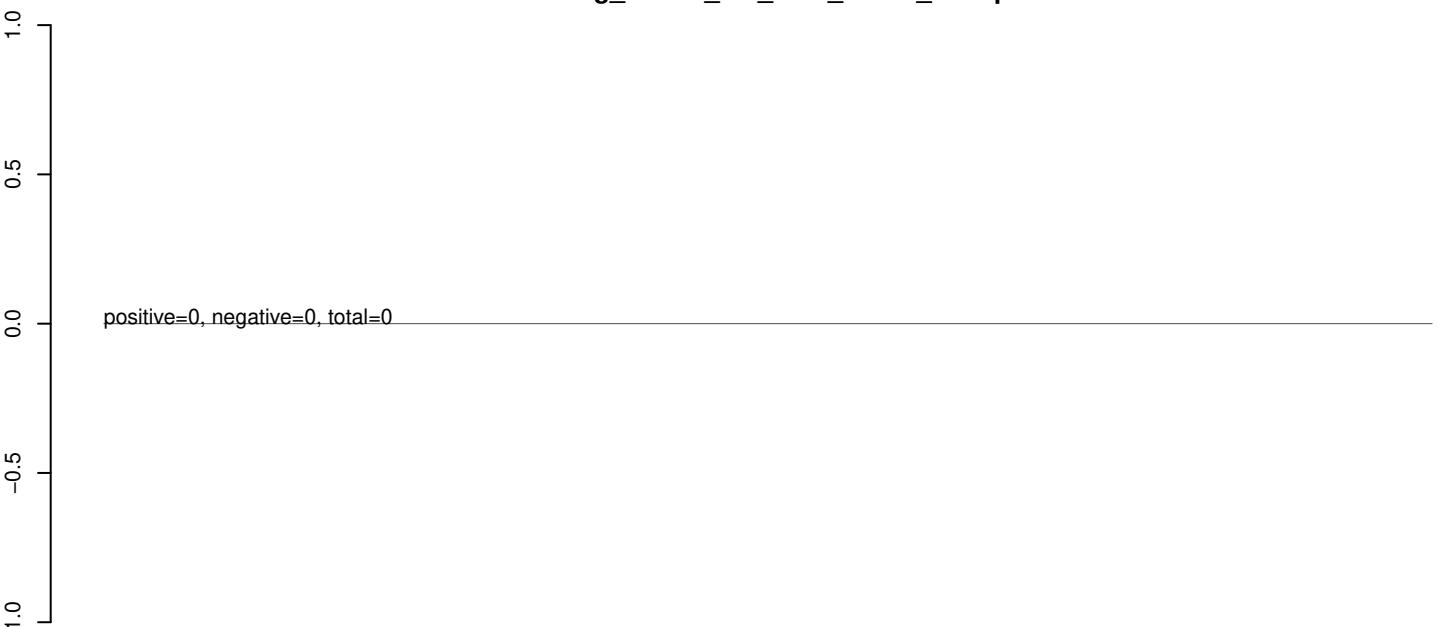
Window size=25, length=3822, TE@TF001108-Pogo\_Ele16:1-3822

0 1000 2000 3000 4000

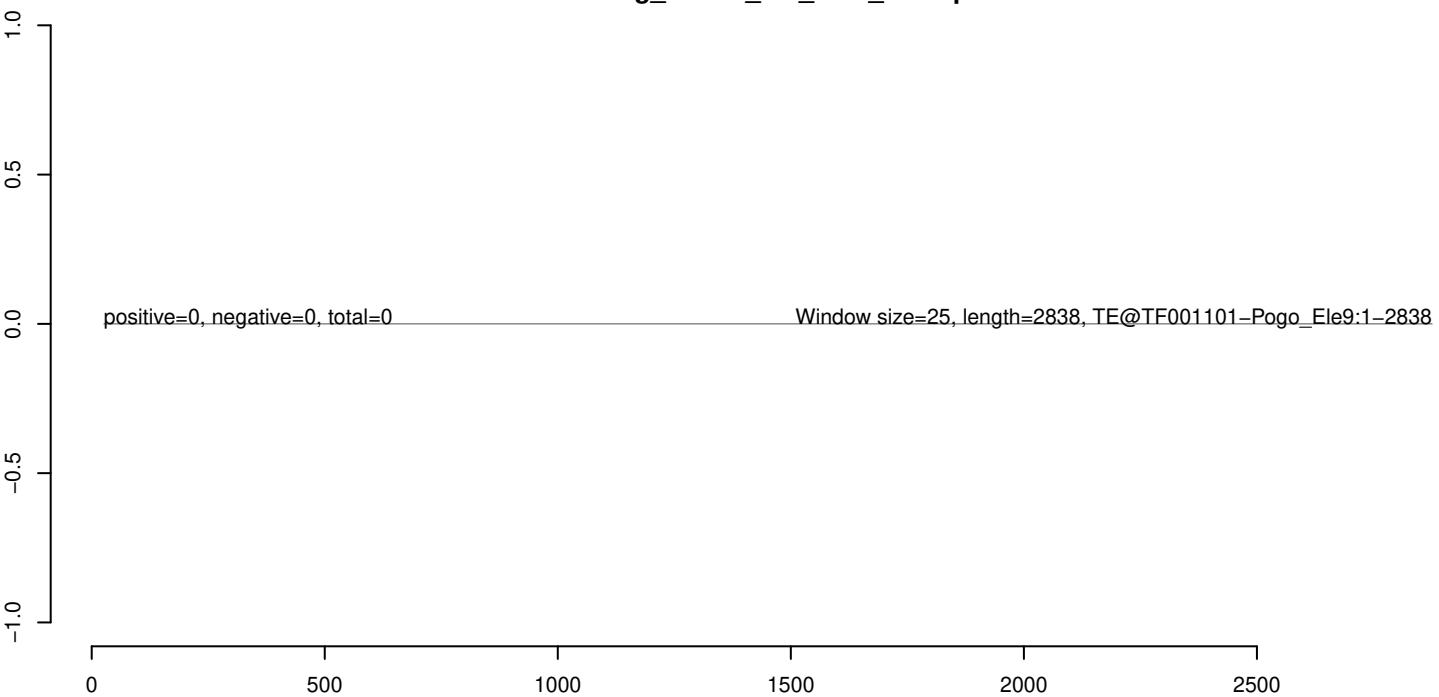
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



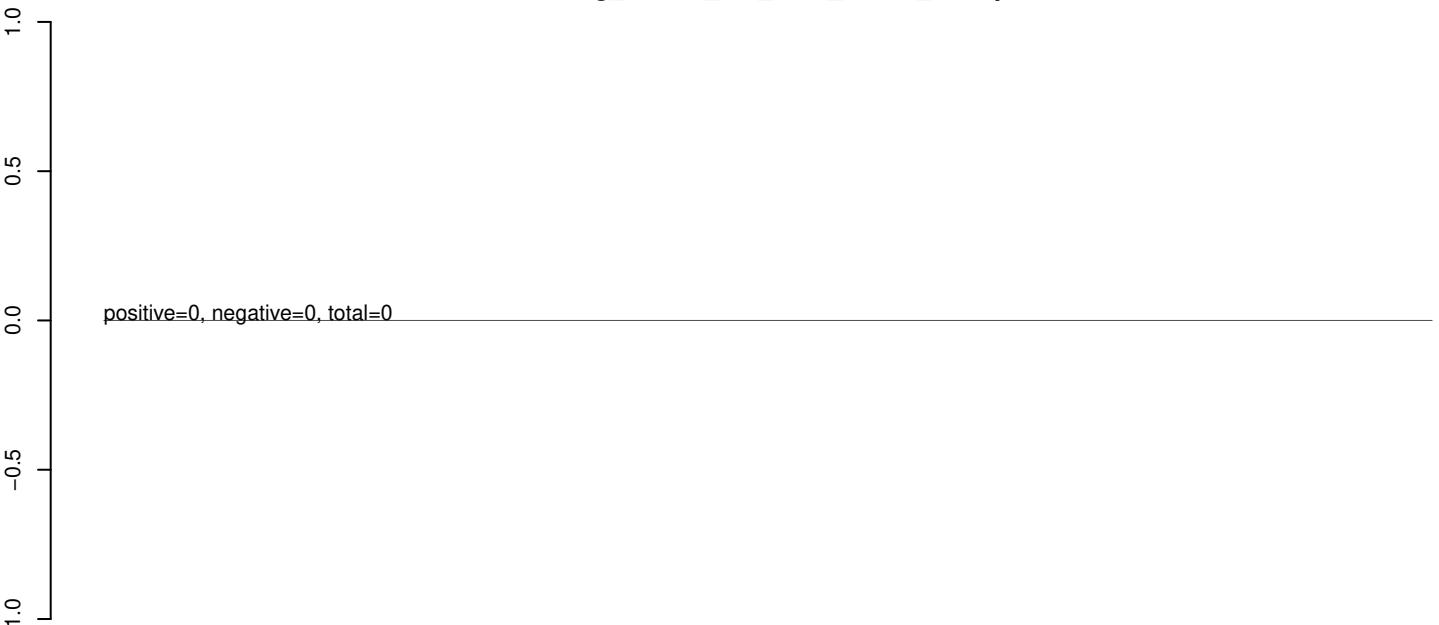
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



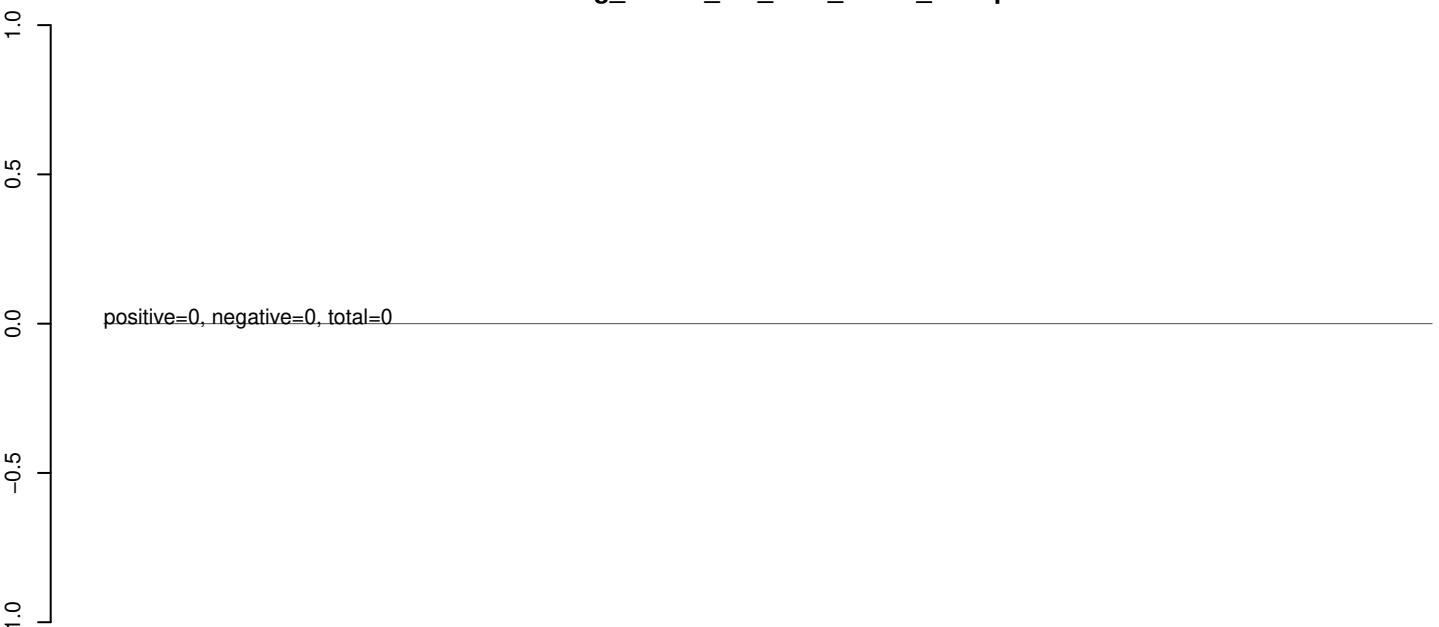
**AeAeg\_Whole\_sm\_r123\_JM.rep**



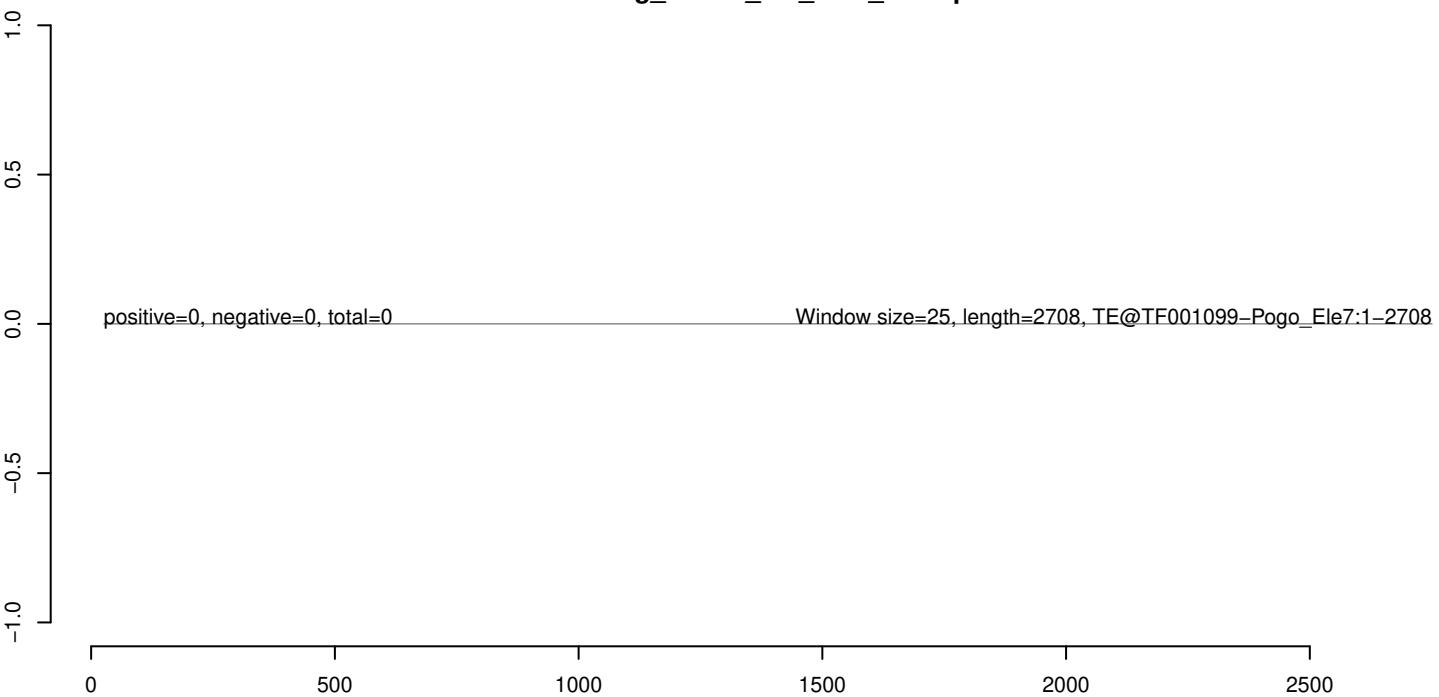
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



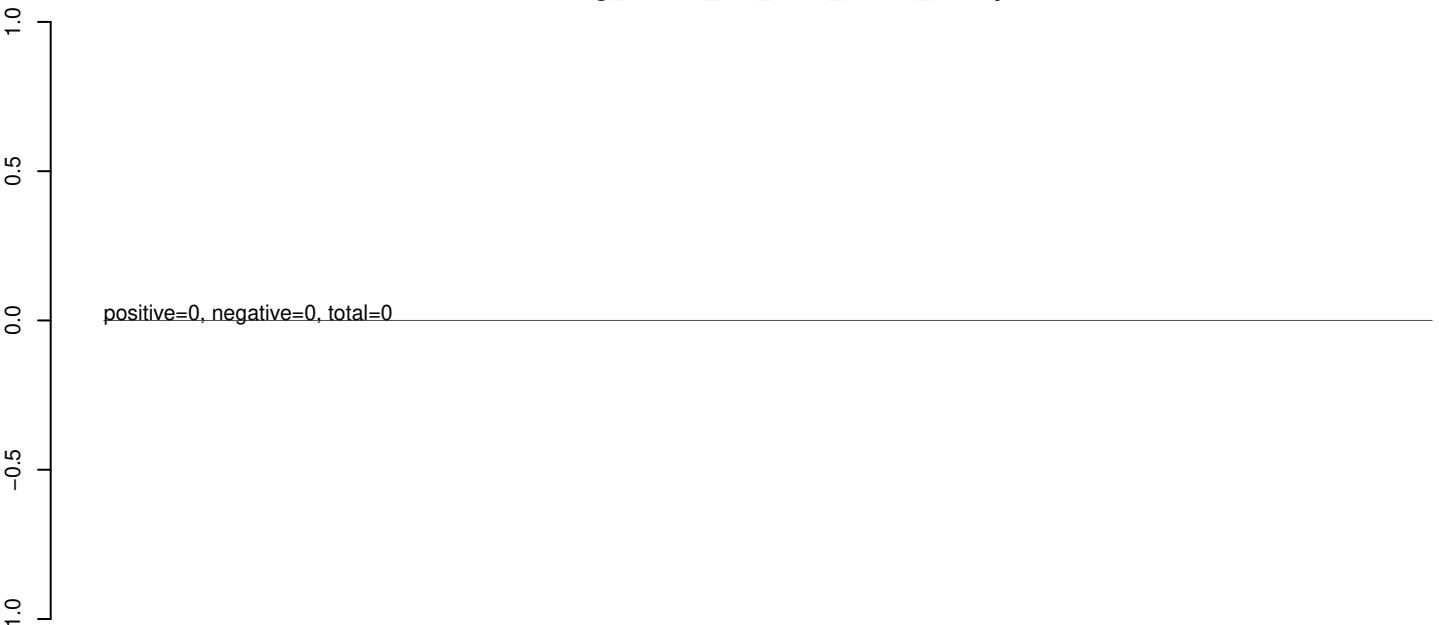
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



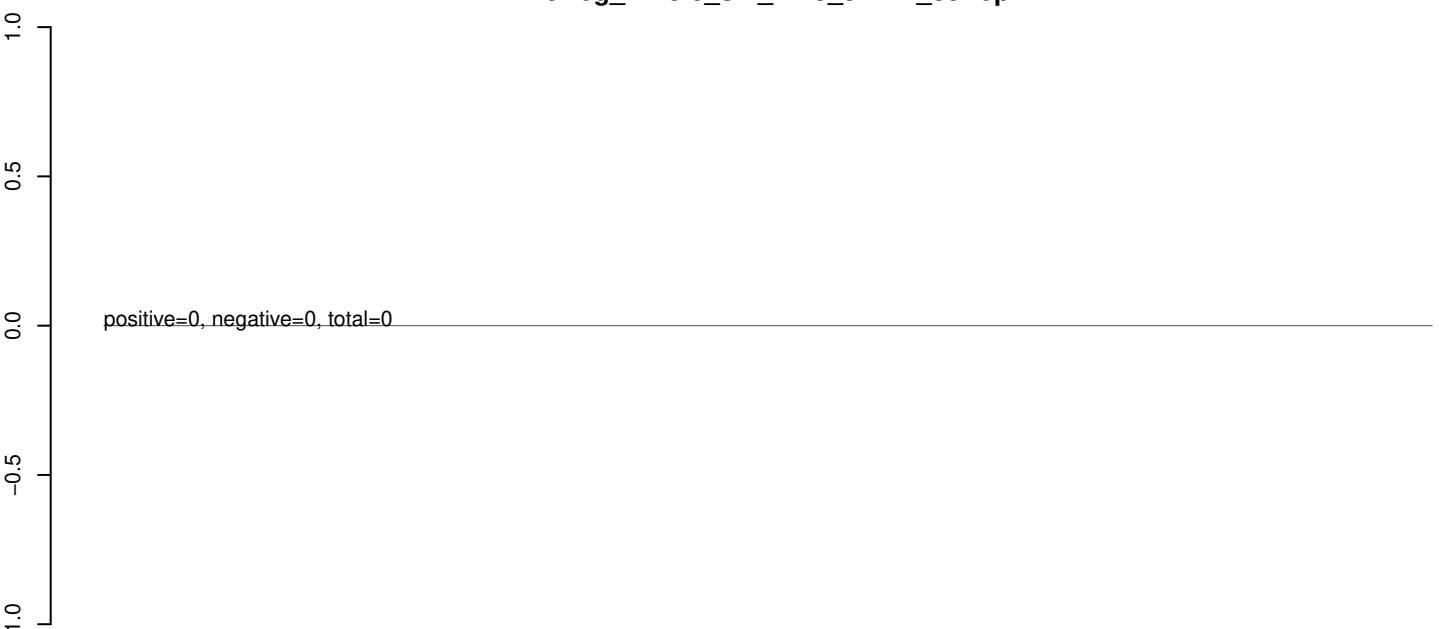
**AeAeg\_Whole\_sm\_r123\_JM.rep**



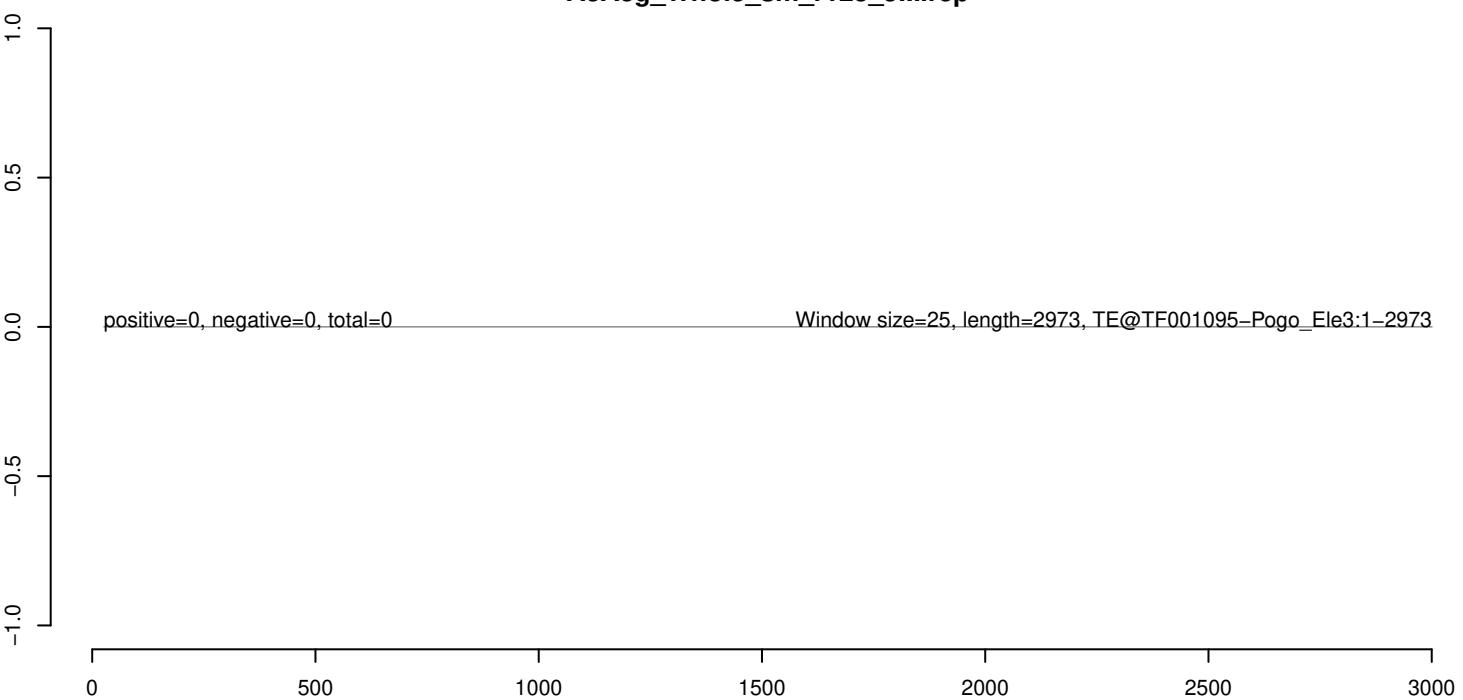
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=2907, TE@TF001086-Ty1\_copia\_Ele205:1-2907

0 500 1000 1500 2000 2500 3000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

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

0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=3599, TE@TF001071-Ty1\_copia\_Ele194:1-3599

0 500 1000 1500 2000 2500 3000 3500

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

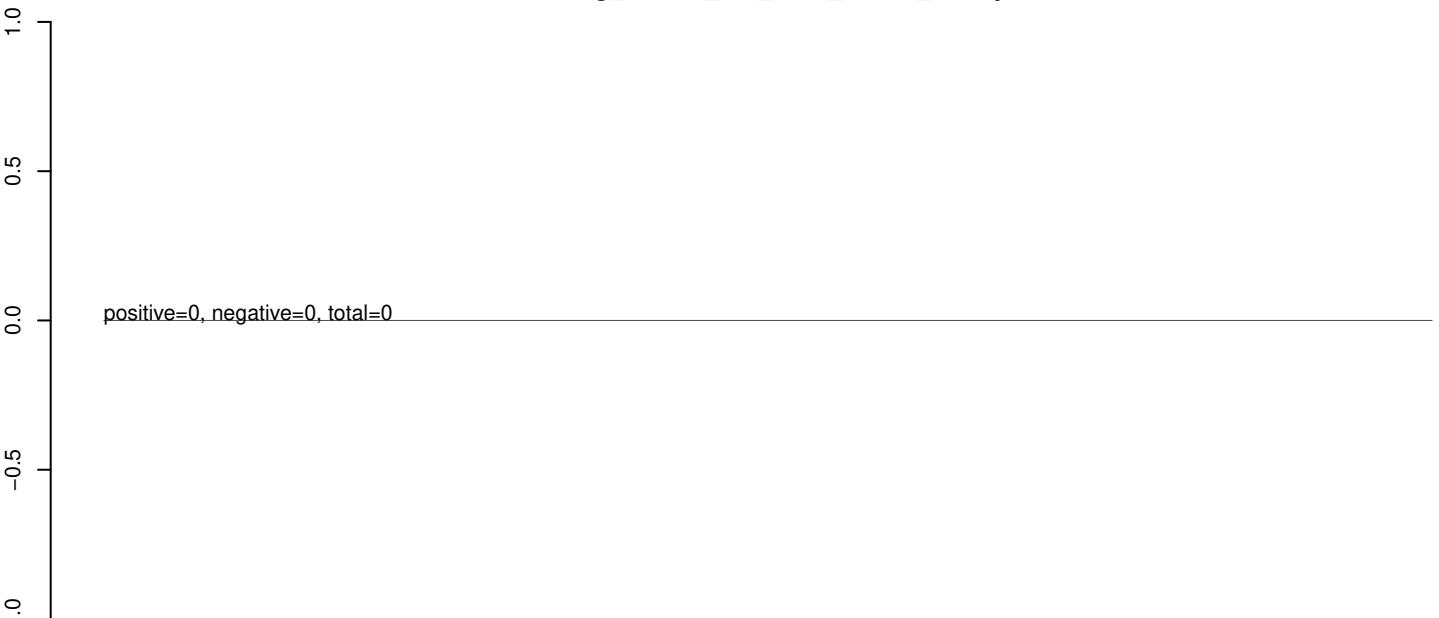
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

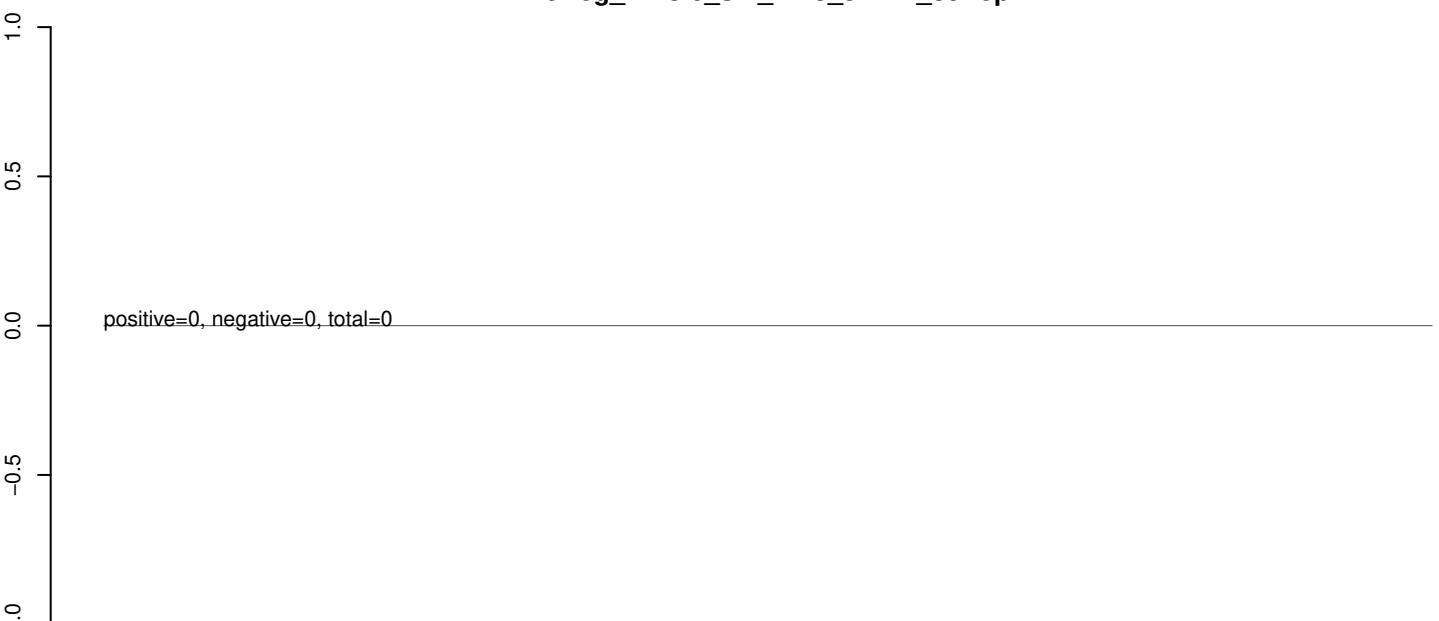
Window.size=25, length=3236, TE@TF001063-Ty1\_copia\_Ele100:1-3236

0 500 1000 1500 2000 2500 3000

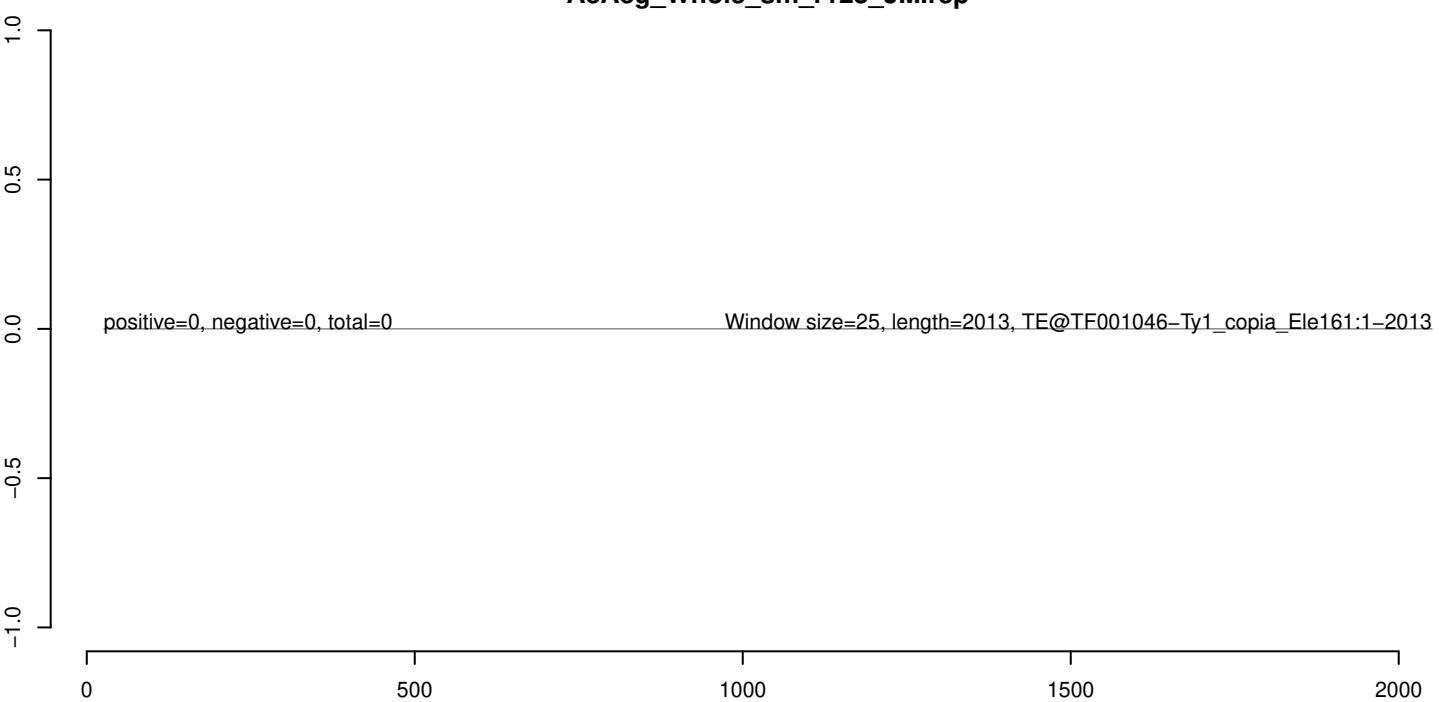
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



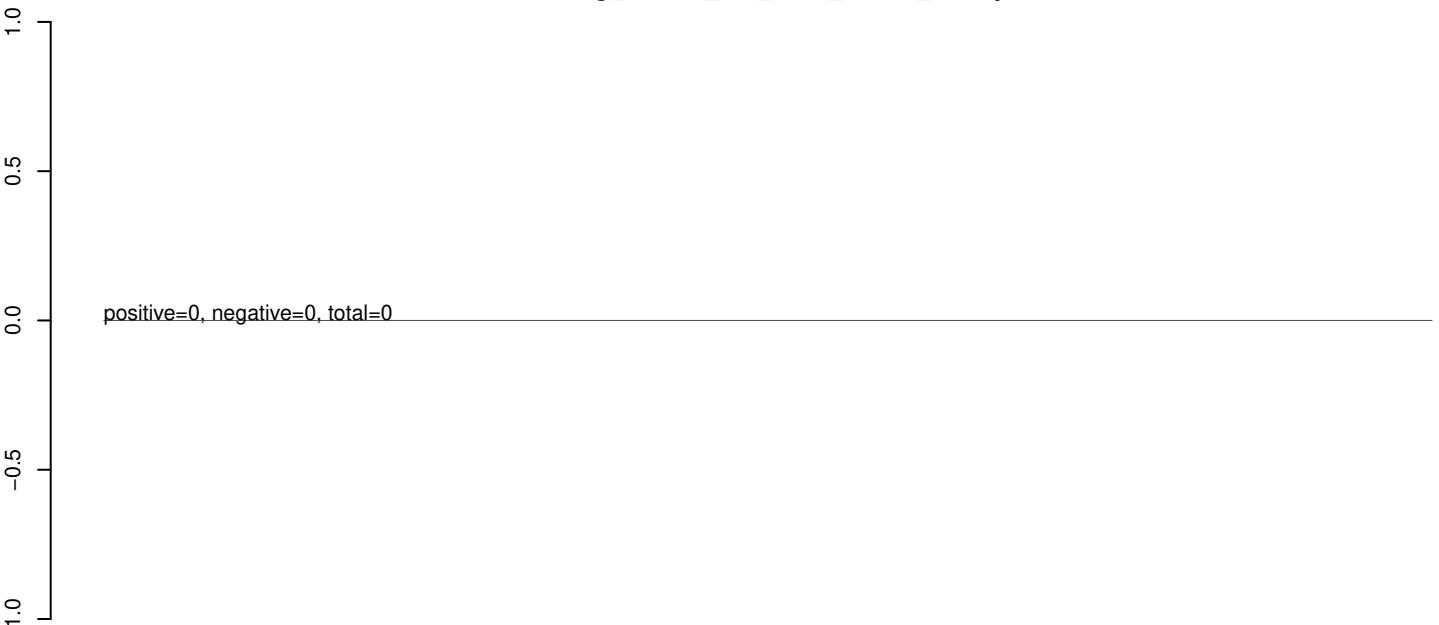
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



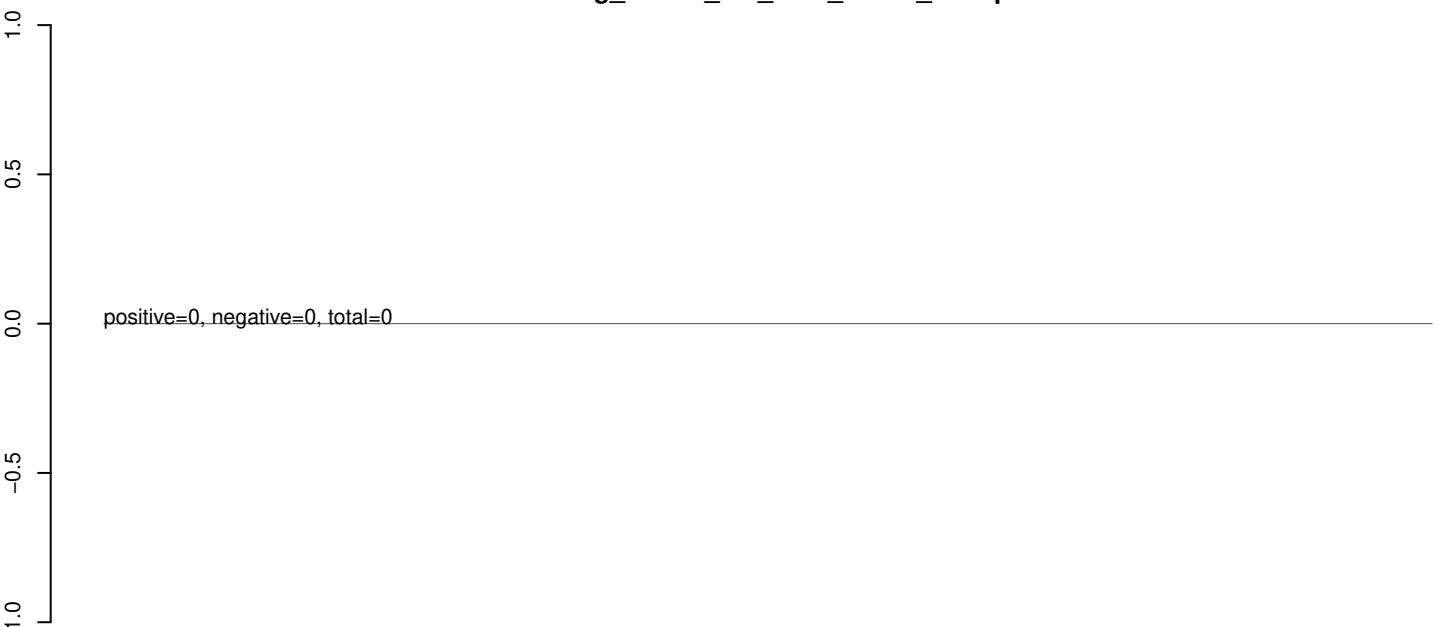
**AeAeg\_Whole\_sm\_r123\_JM.rep**



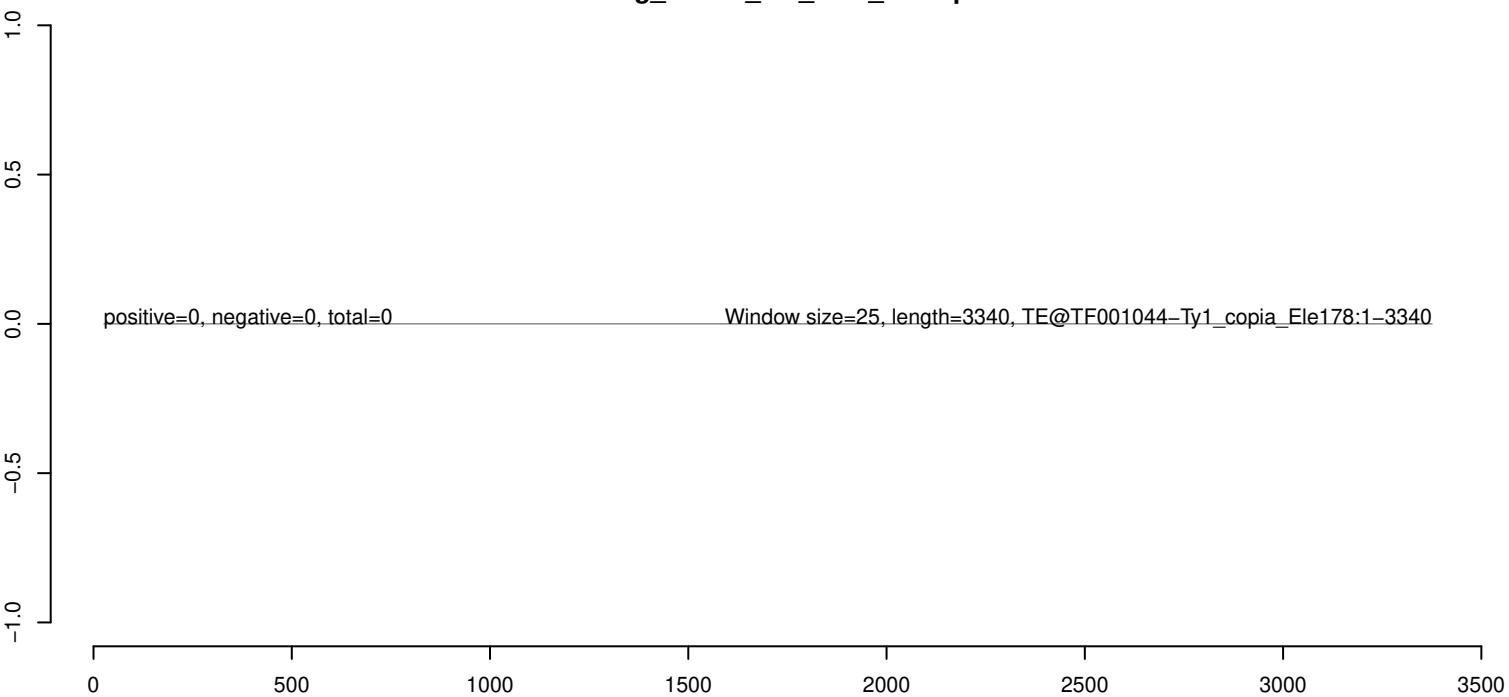
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1566, TE@TF001043-Ty1\_copia\_Ele180:1-1566

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1444, TE@TF001042-Ty1\_copia\_Ele157:1-1444

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

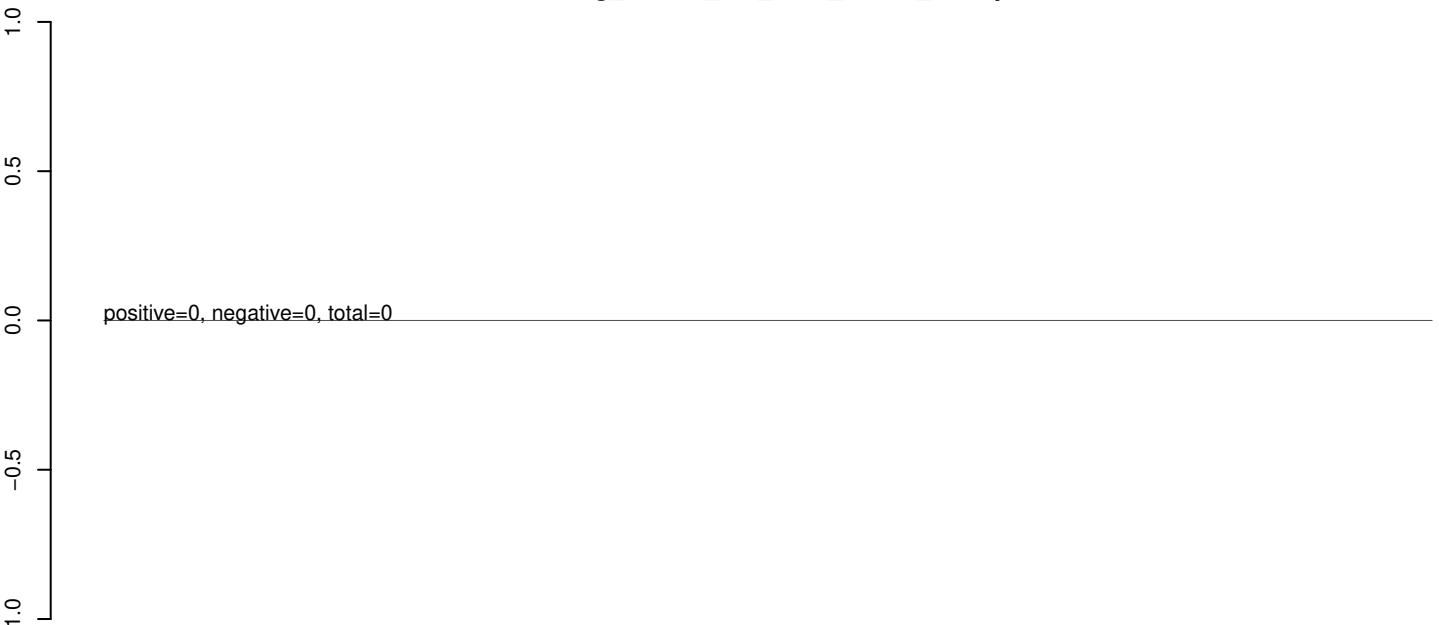
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

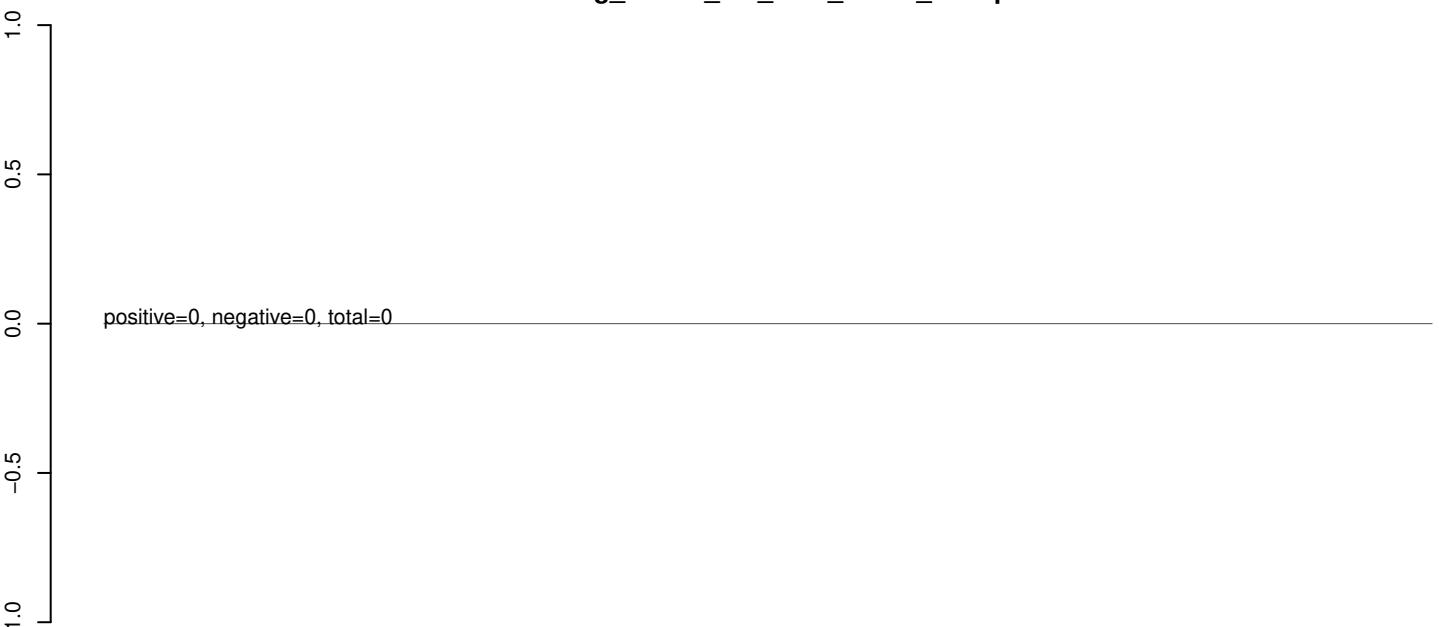
Window.size=25, length=5239, TE@TF001041-Ty1\_copia\_Ele148:1-5239

0 1000 2000 3000 4000 5000

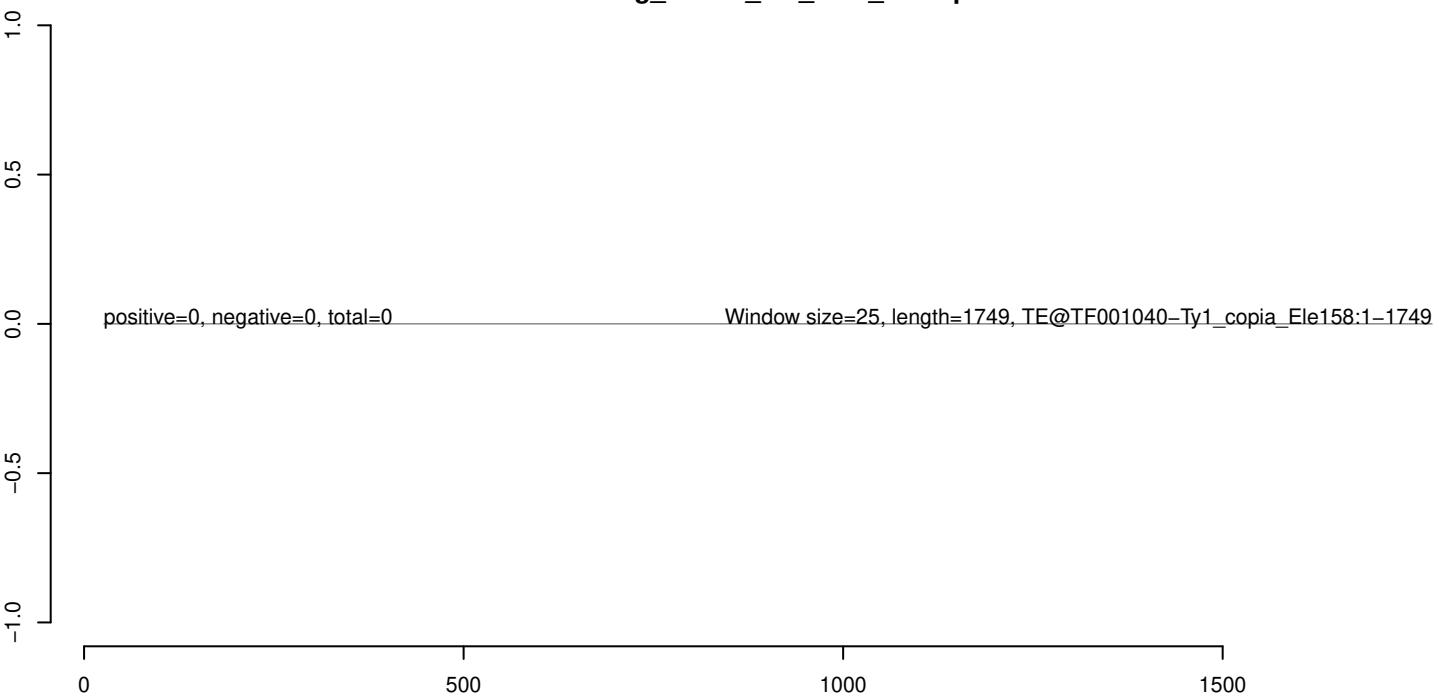
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



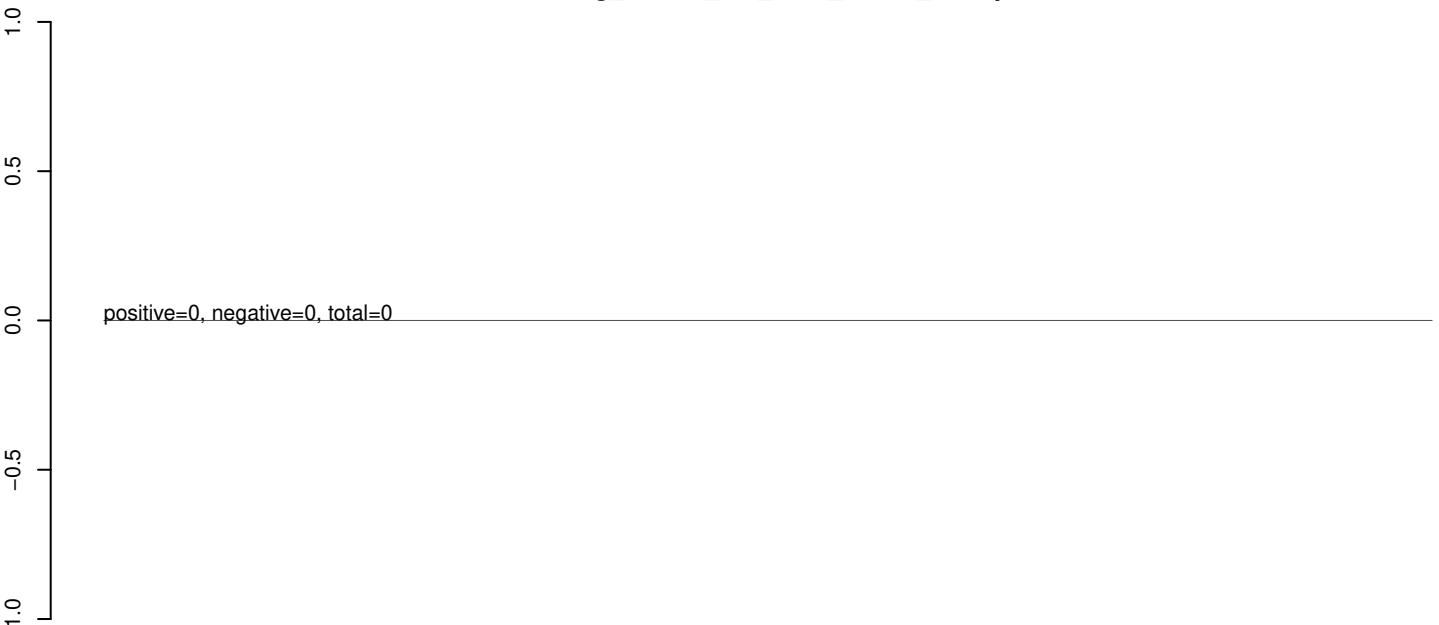
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



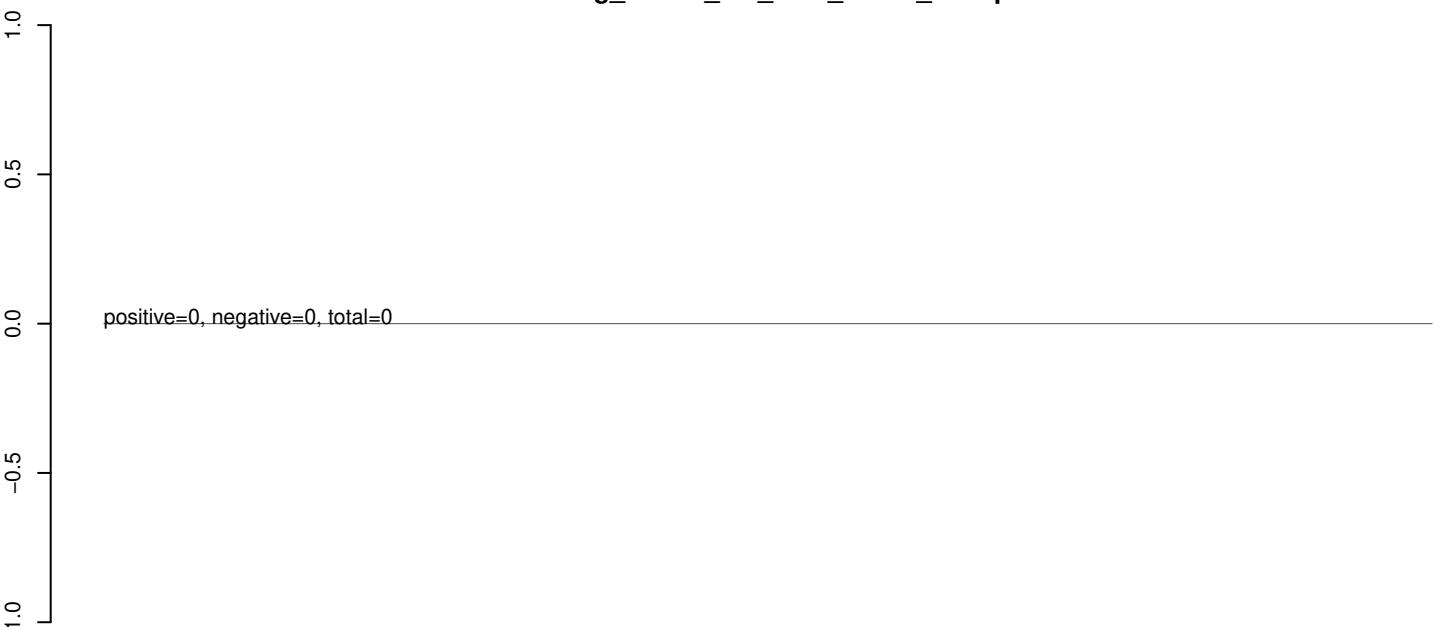
**AeAeg\_Whole\_sm\_r123\_JM.rep**



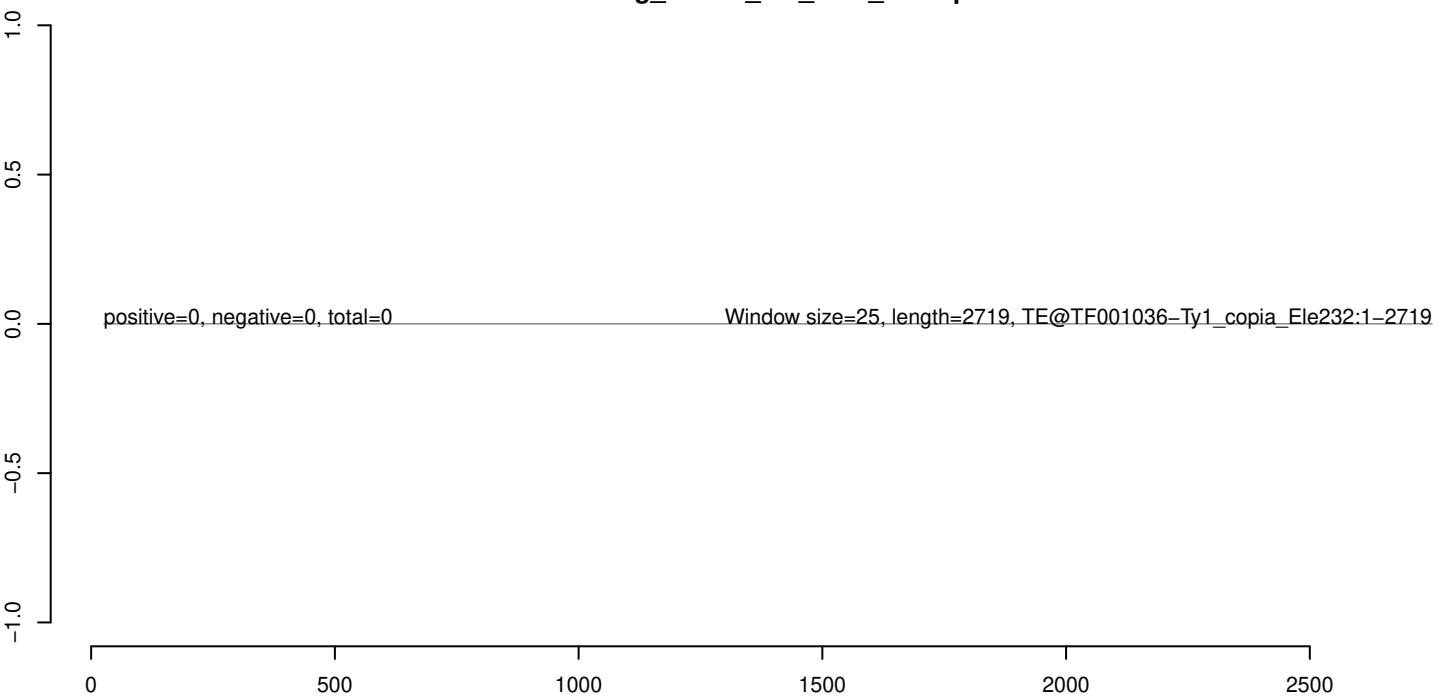
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



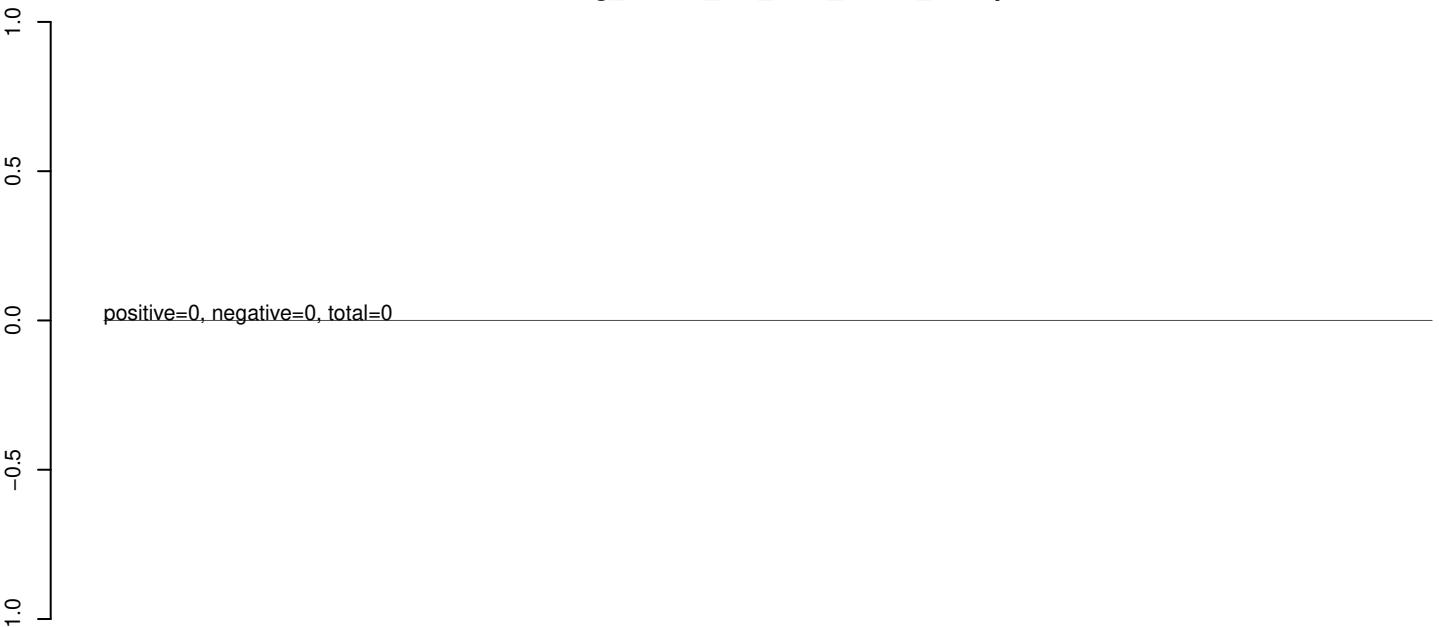
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



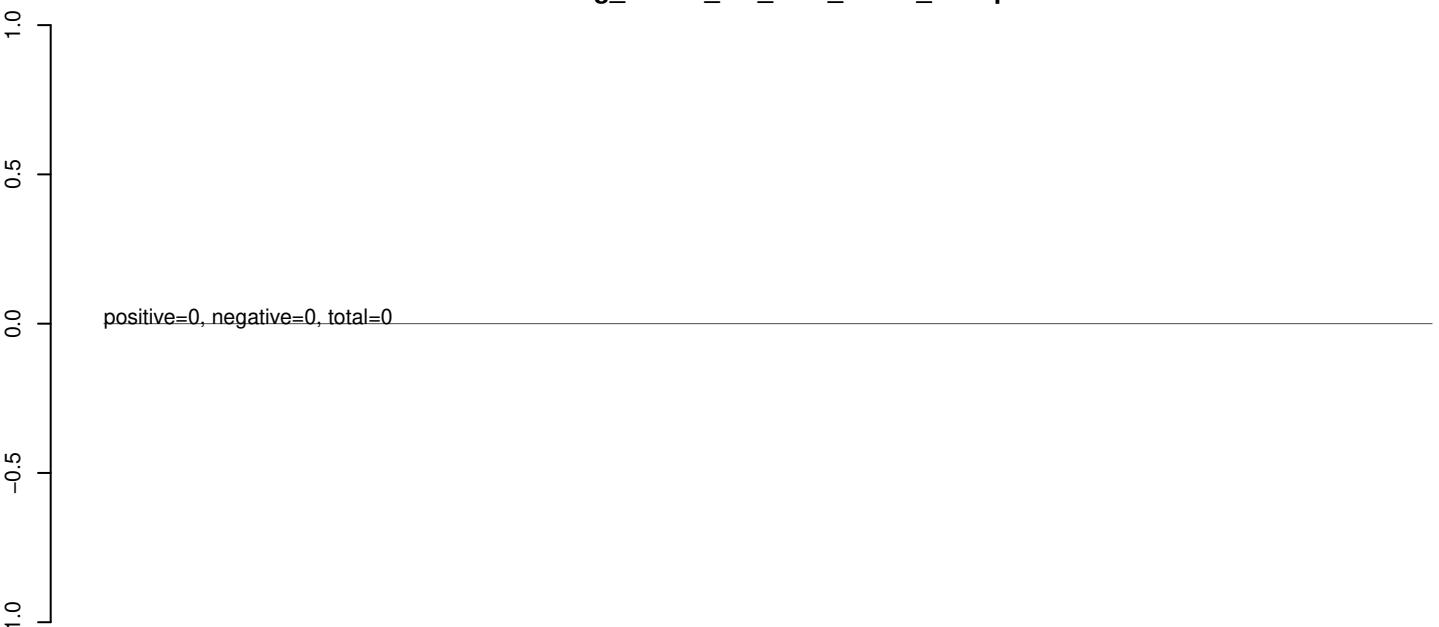
**AeAeg\_Whole\_sm\_r123\_JM.rep**



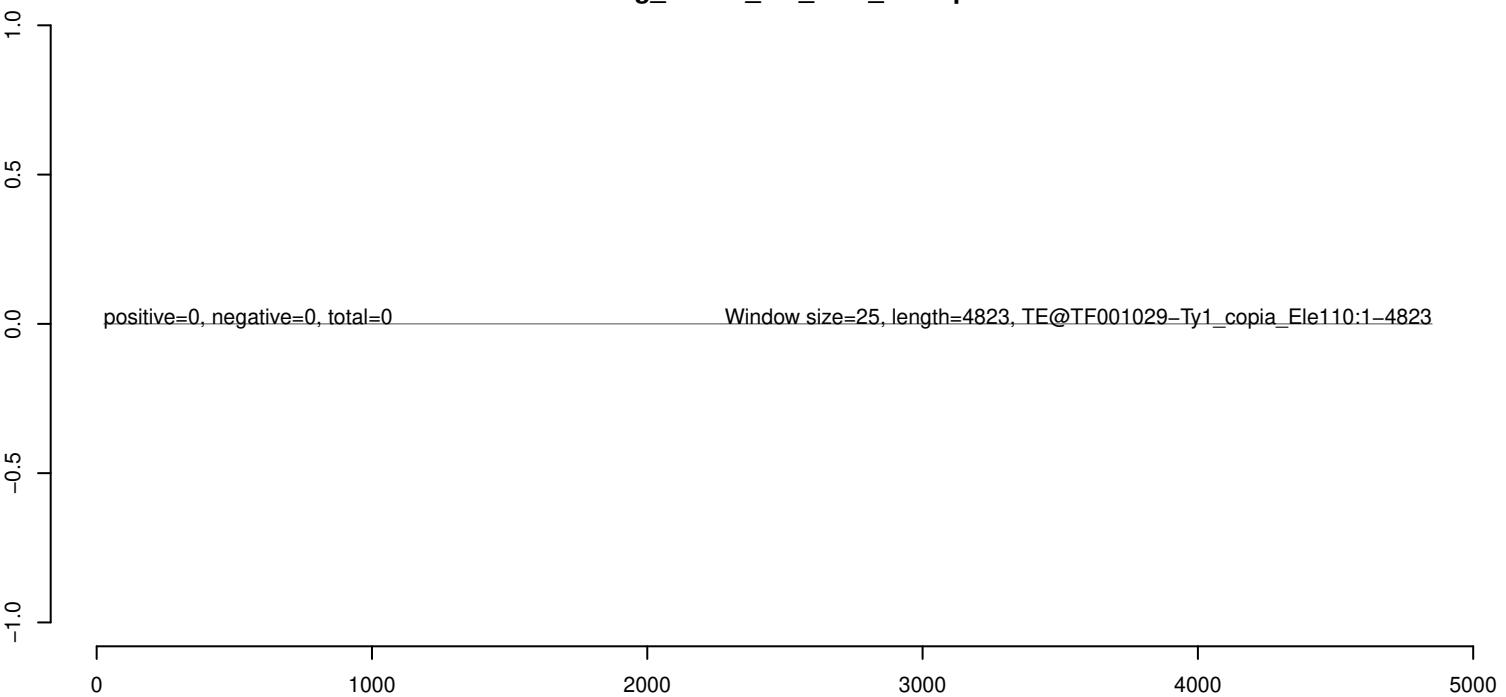
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=3245, TE@TF001026-piggyBac\_Ele2:1-3245

0 500 1000 1500 2000 2500 3000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

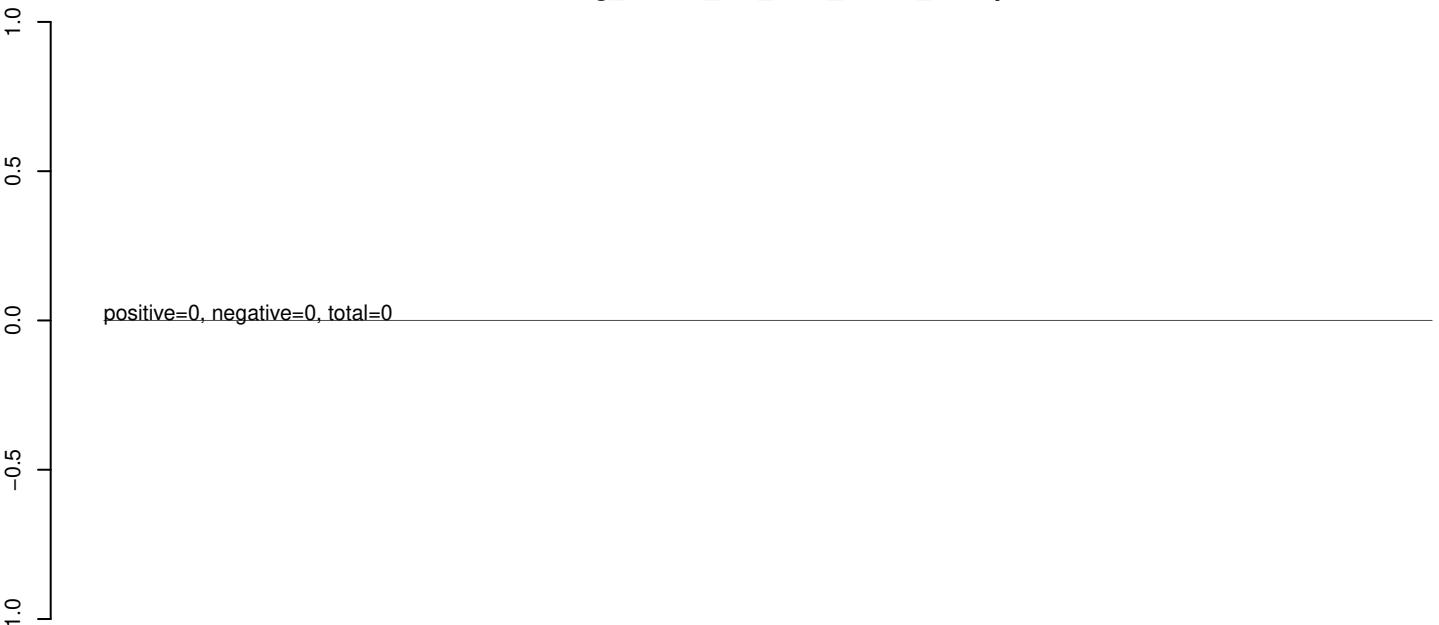
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

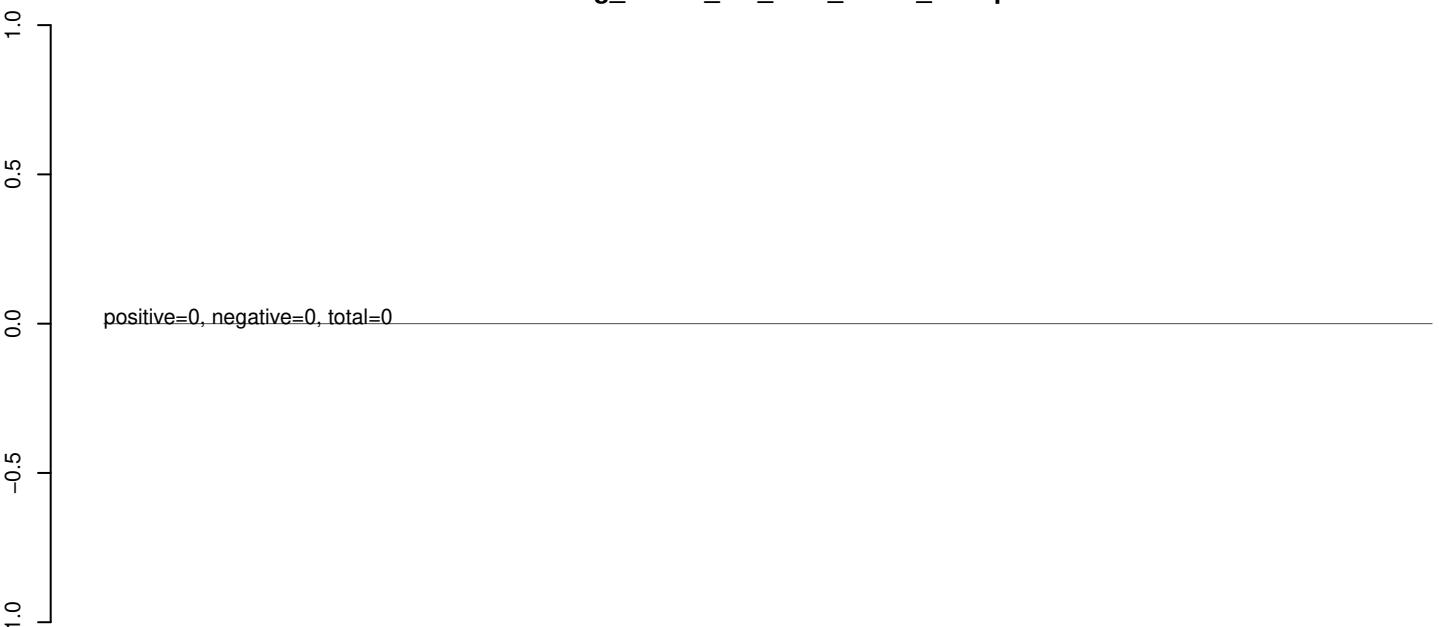
Window size=25, length=3289, TE@TF001024-P\_ele7:1-3289

0 500 1000 1500 2000 2500 3000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



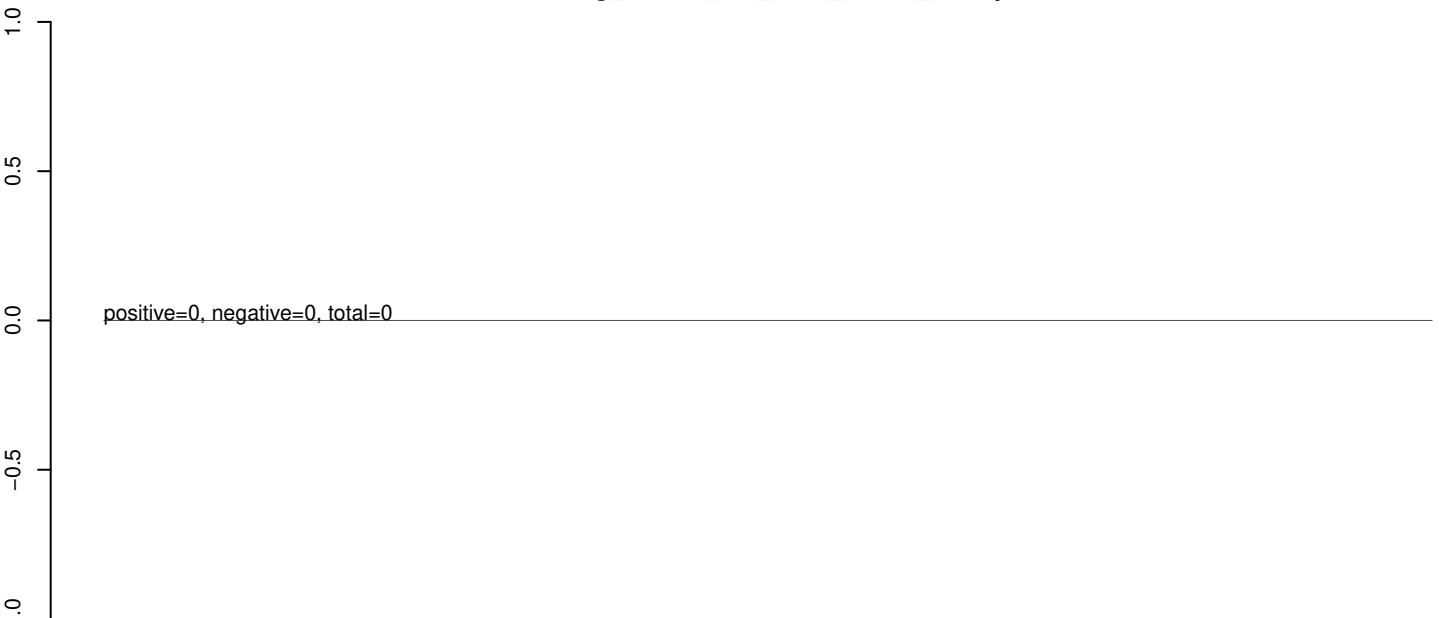
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



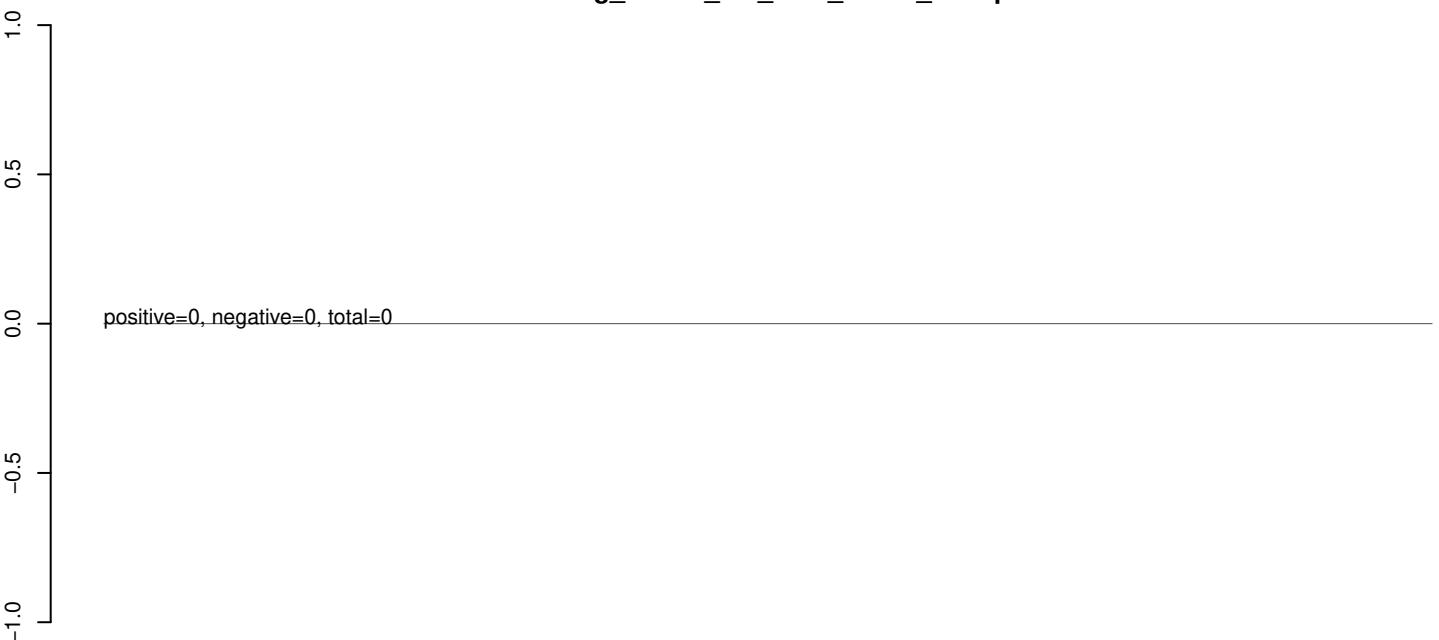
**AeAeg\_Whole\_sm\_r123\_JM.rep**



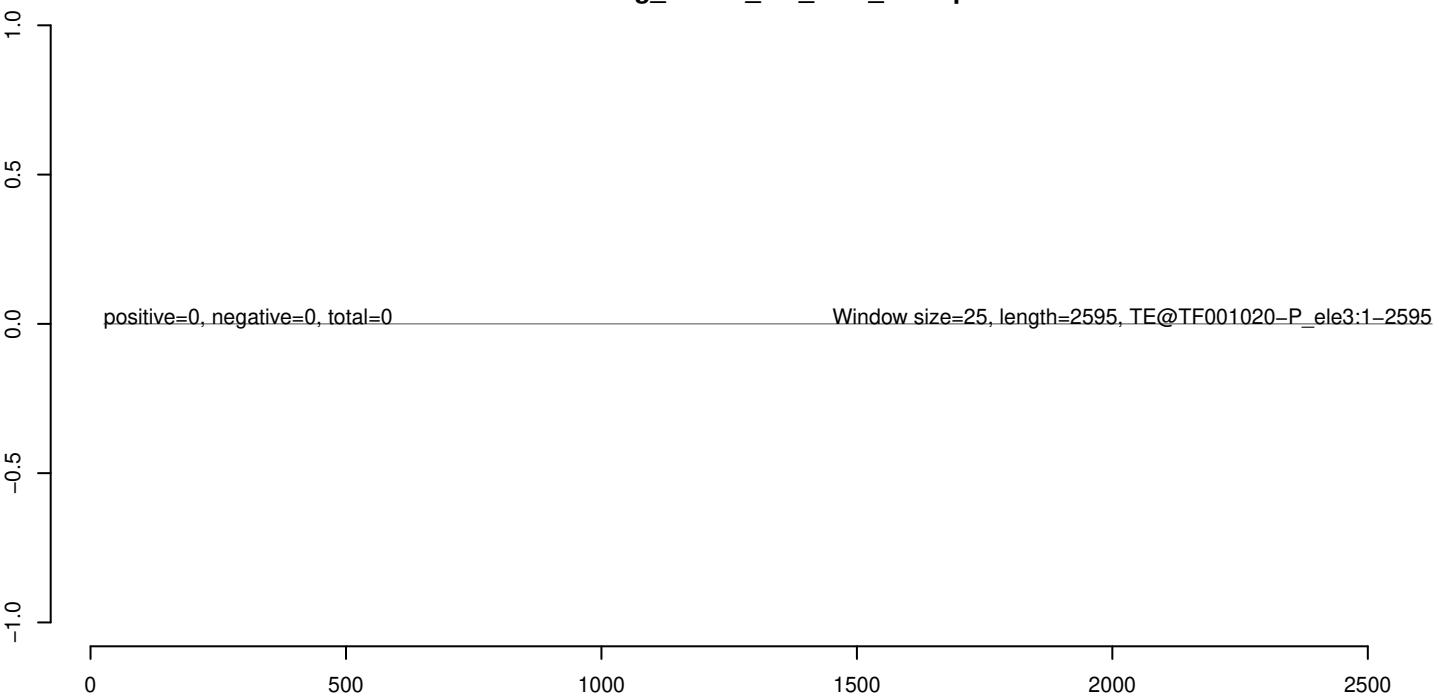
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=2332, TE@TF001019-P\_ele2:1-2332

0 500 1000 1500 2000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1750, TE@TF001018-P\_ele1:1-1750

0 500 1000 1500

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

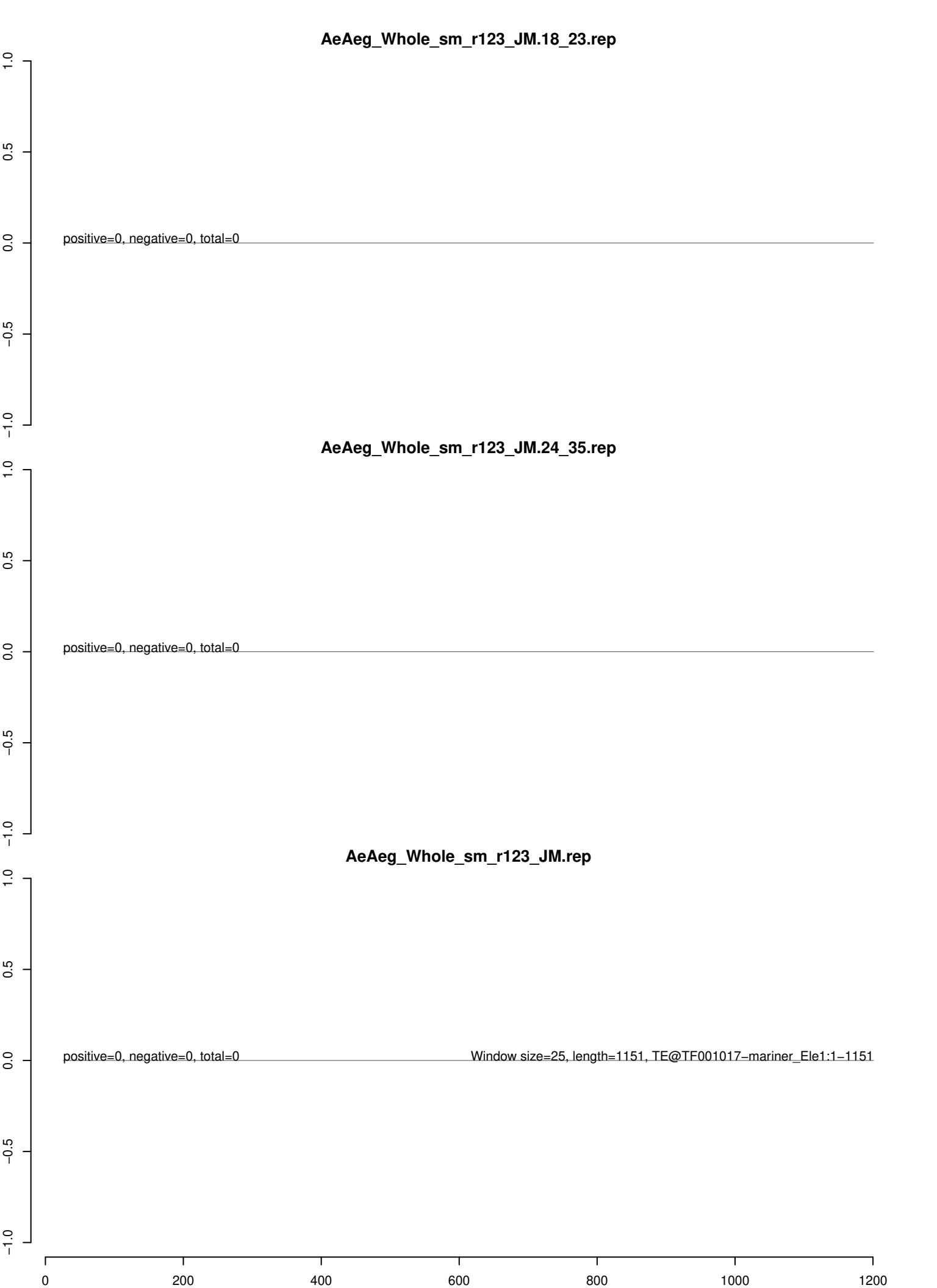
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

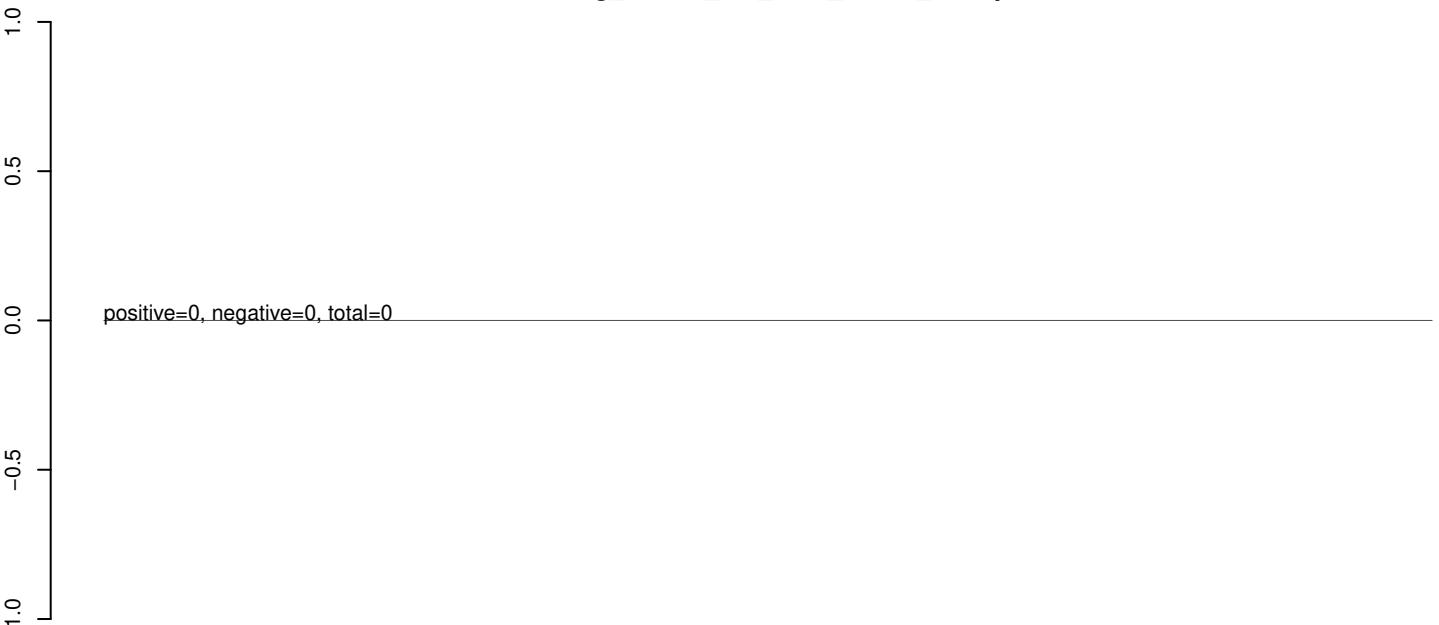
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

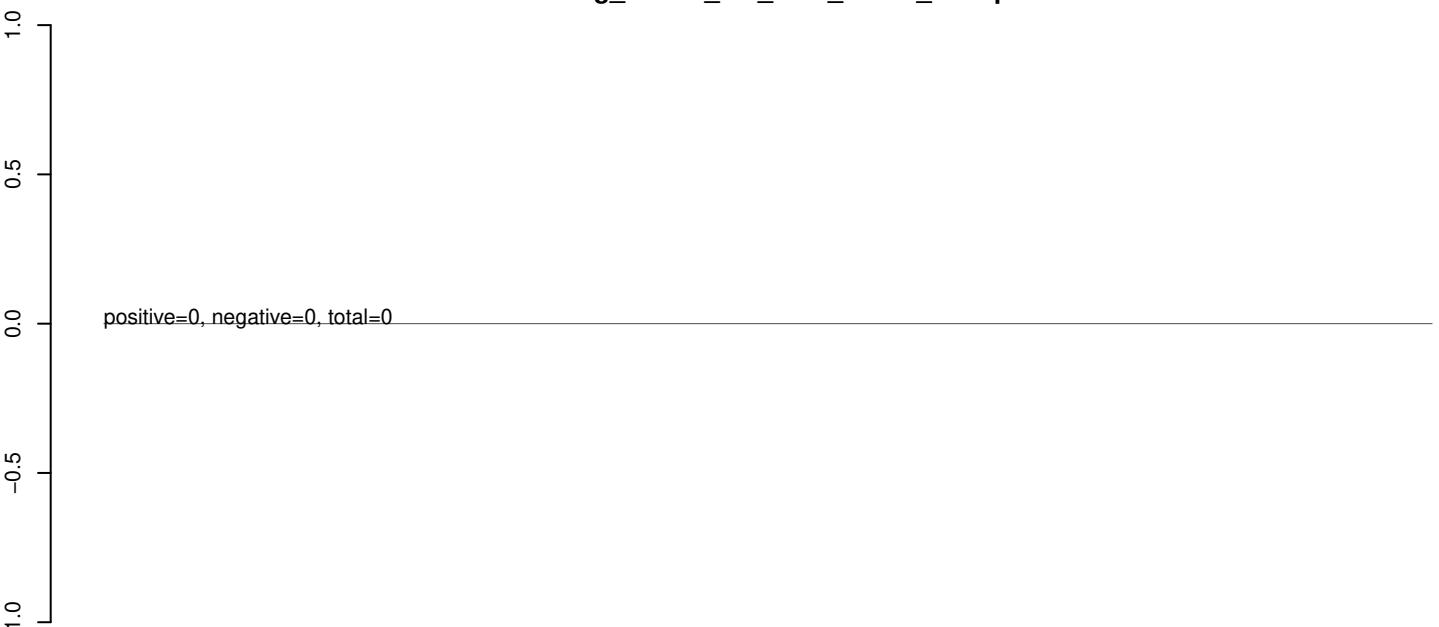
Window size=25, length=1151, TE@TF001017-mariner\_Ele1:1–1151



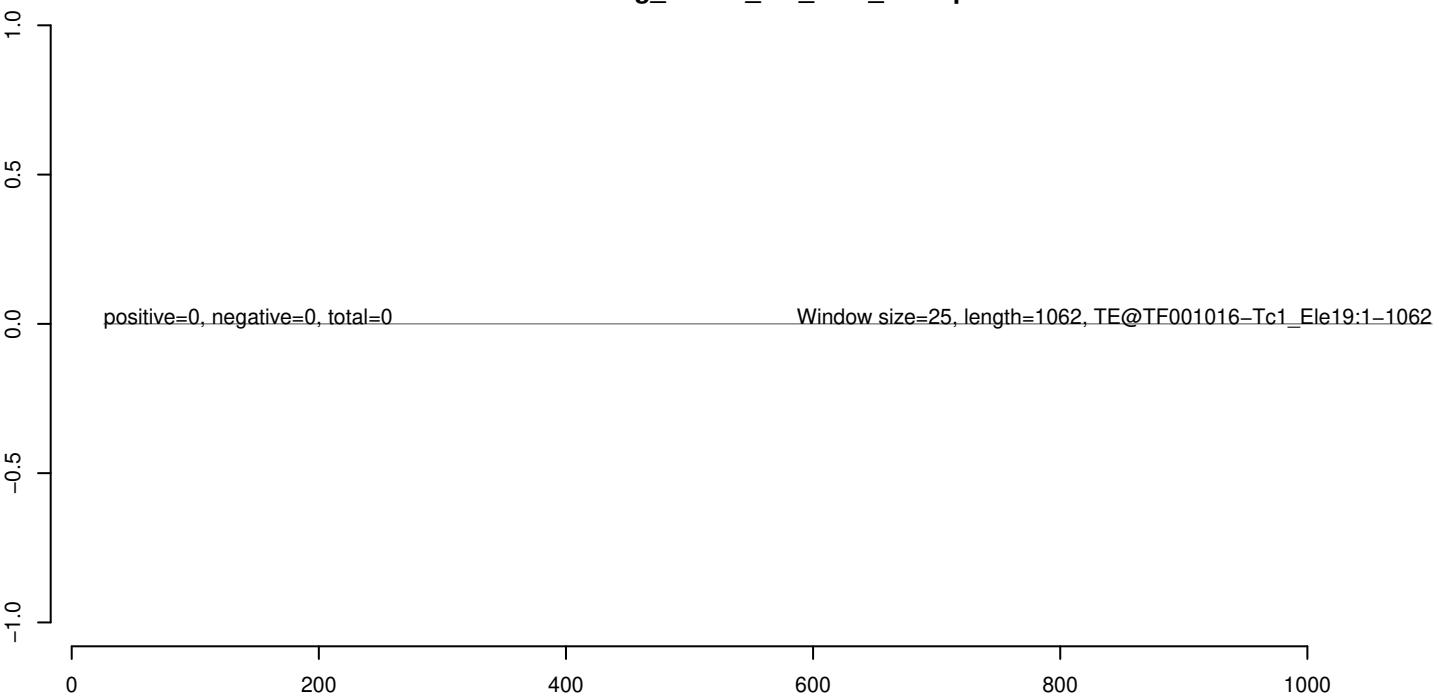
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



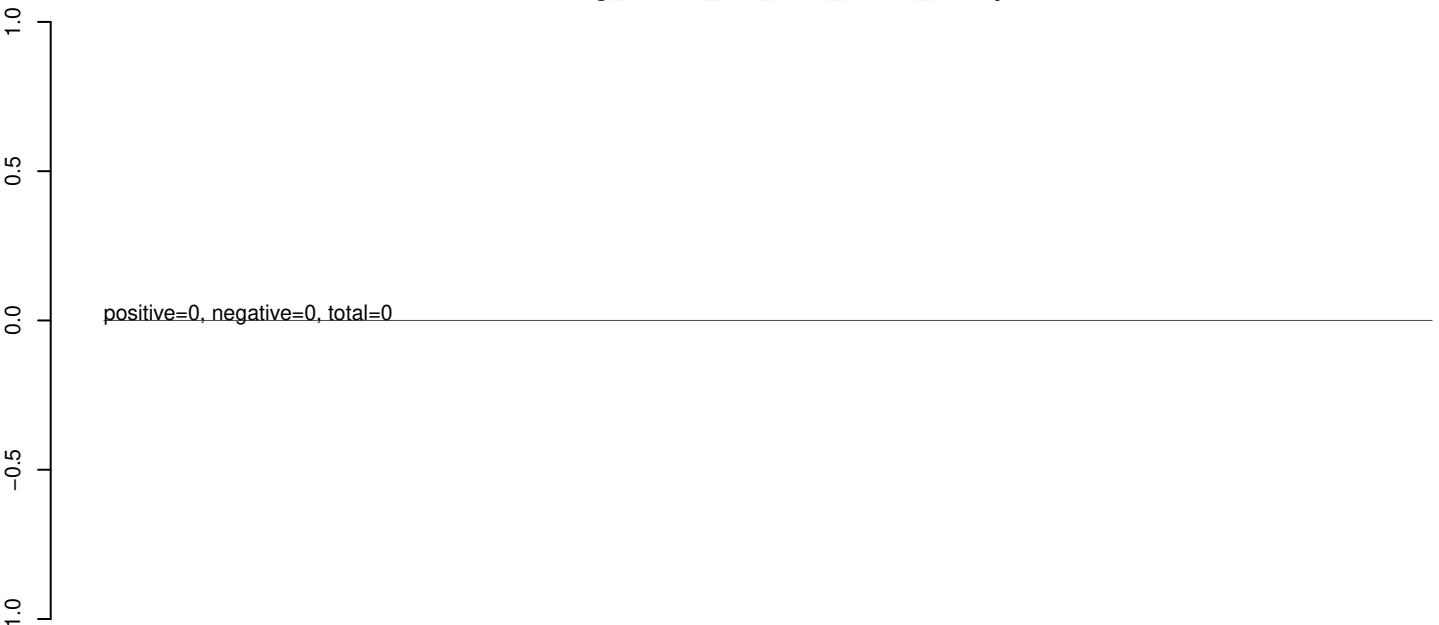
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



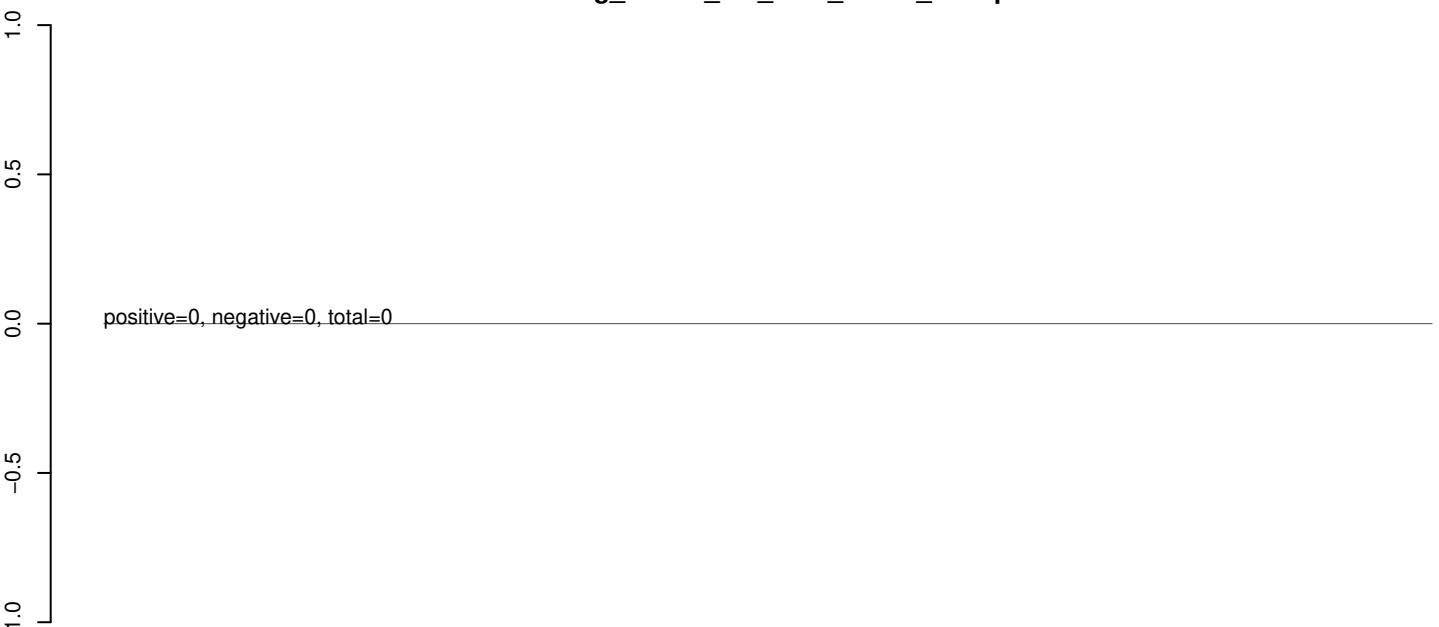
**AeAeg\_Whole\_sm\_r123\_JM.rep**



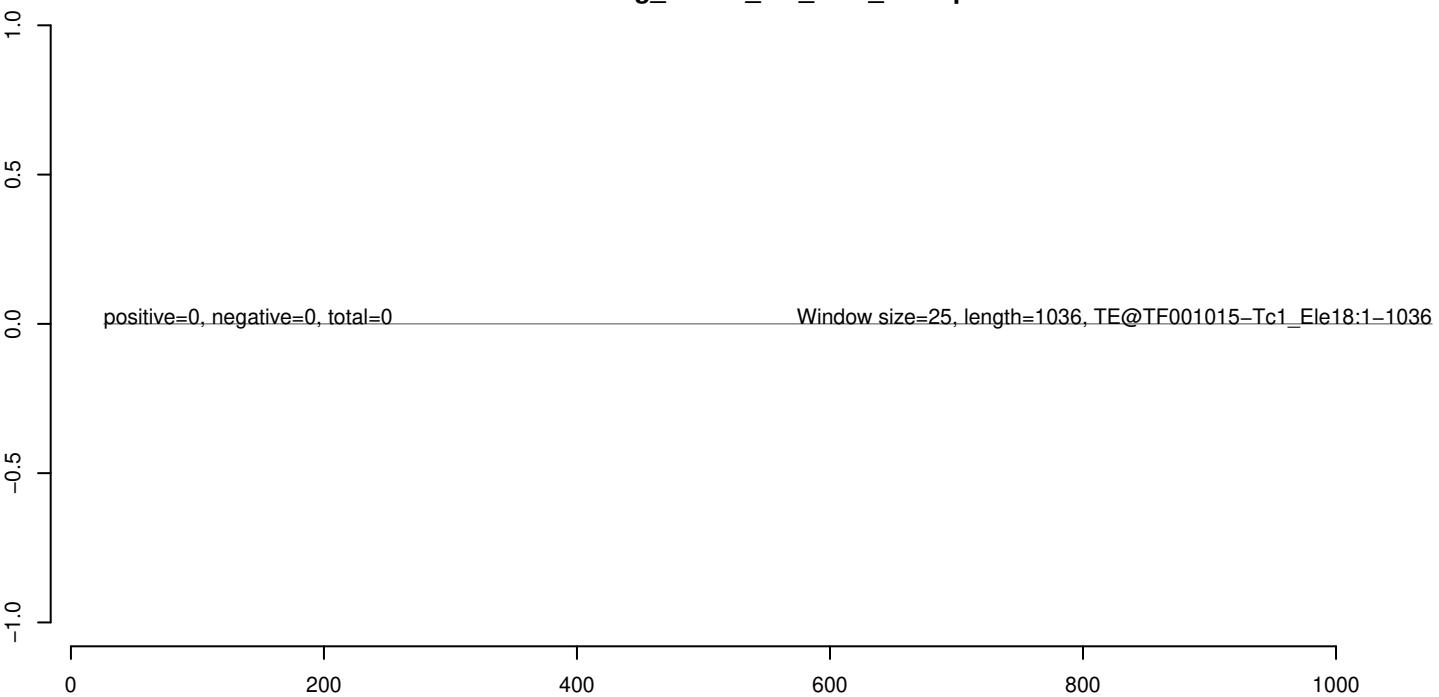
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

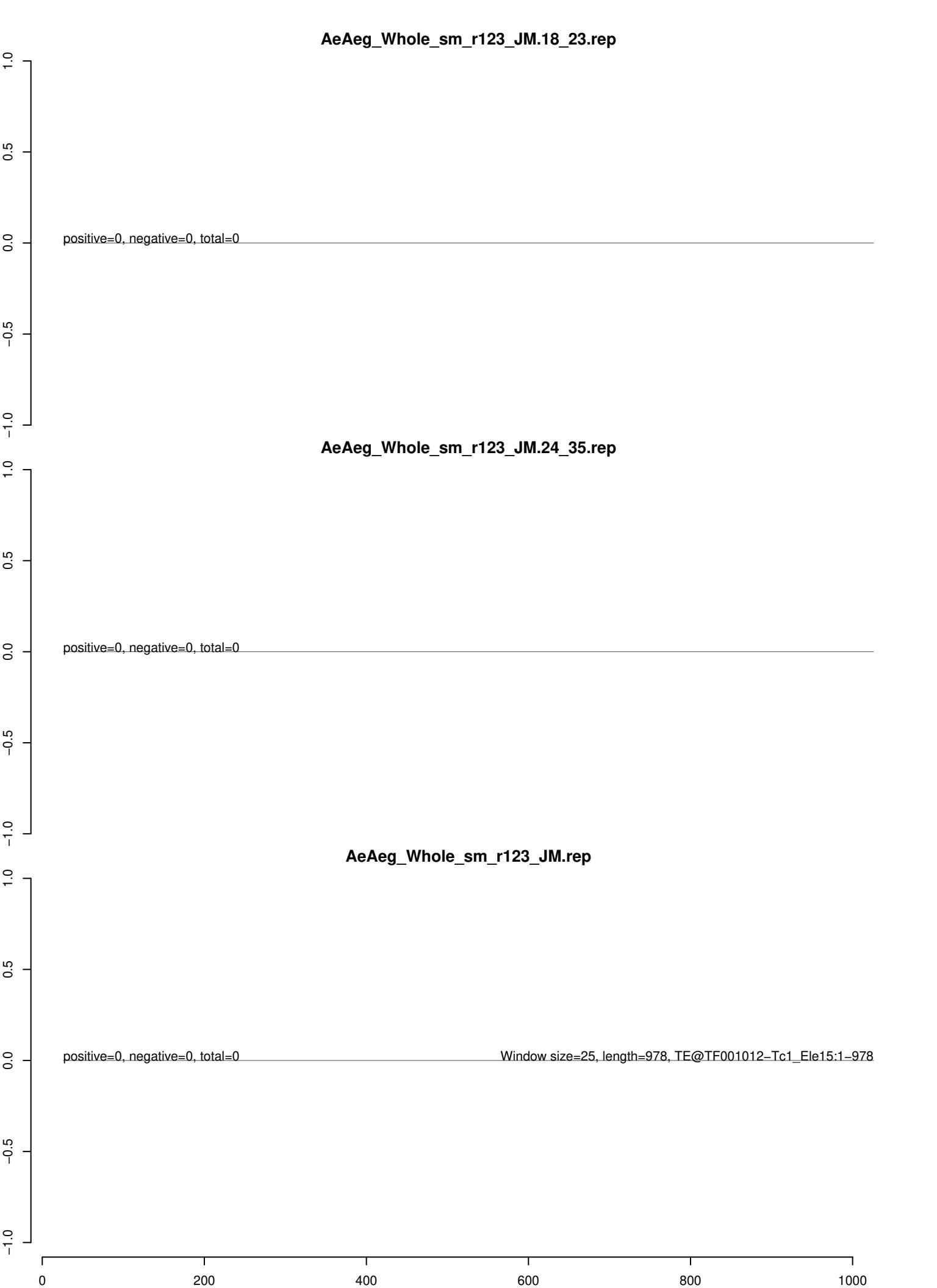
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

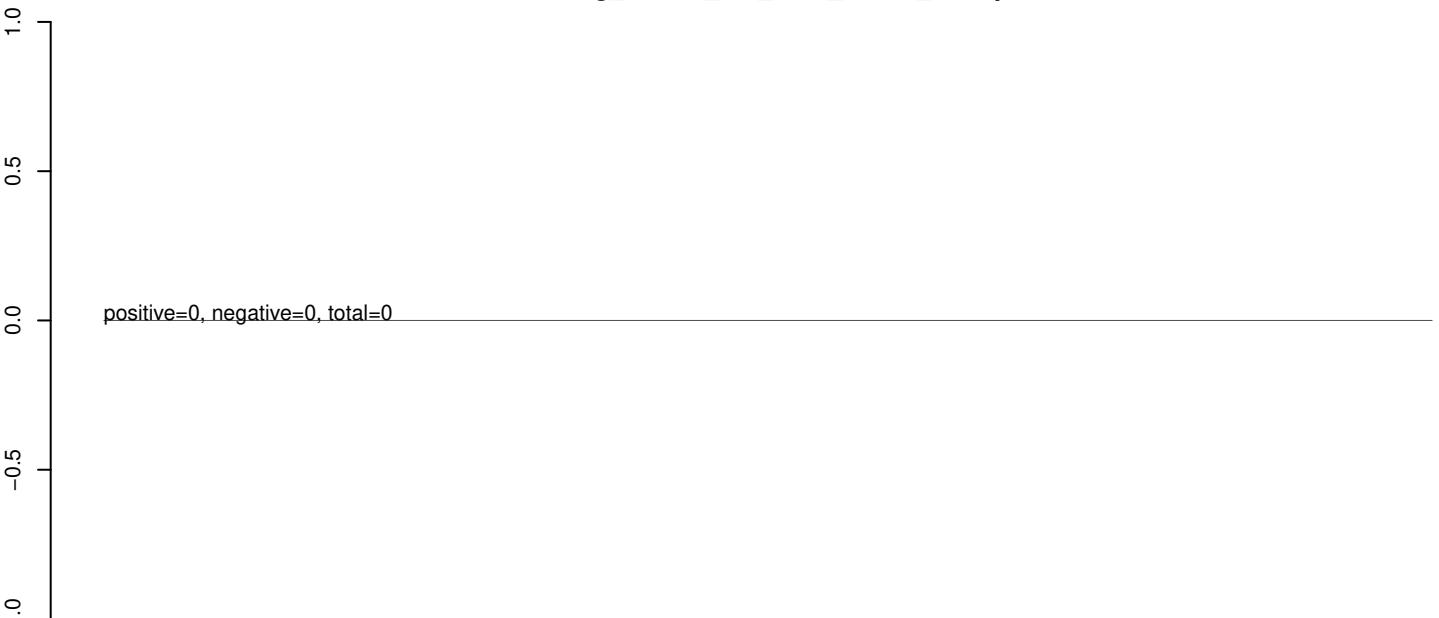
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

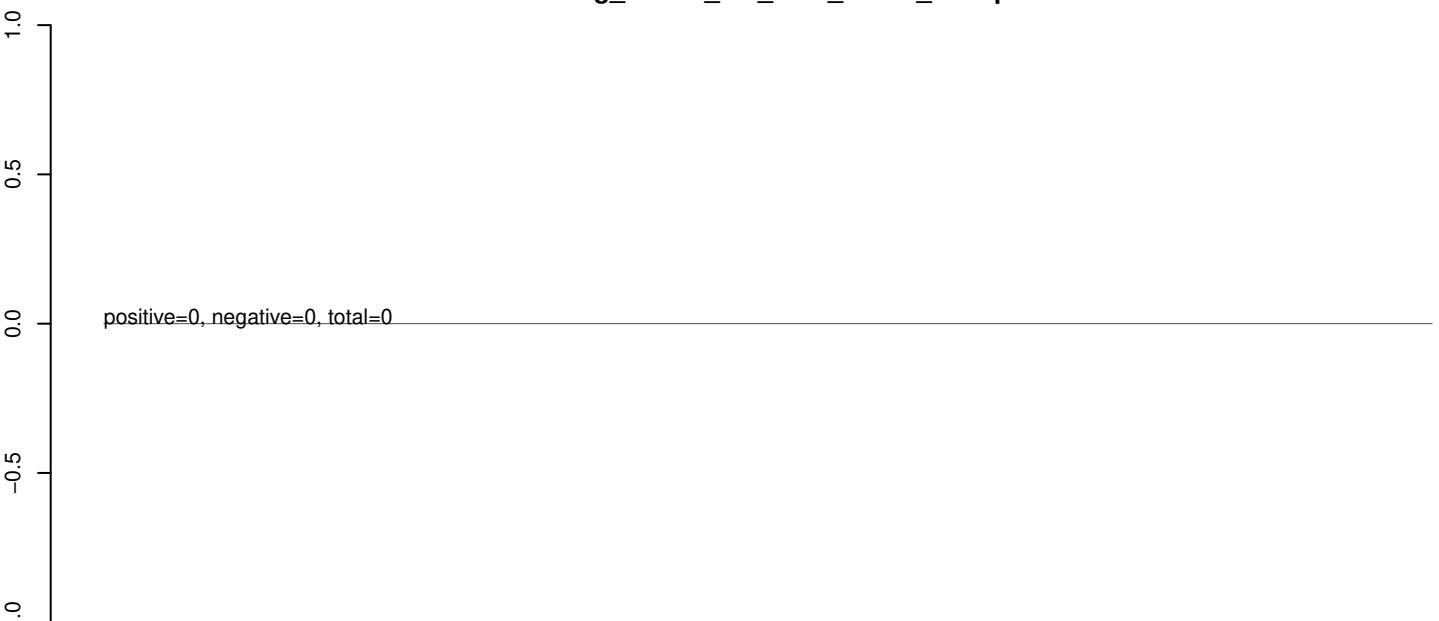
Window size=25, length=978, TE@TF001012-Tc1\_Ele15:1-978



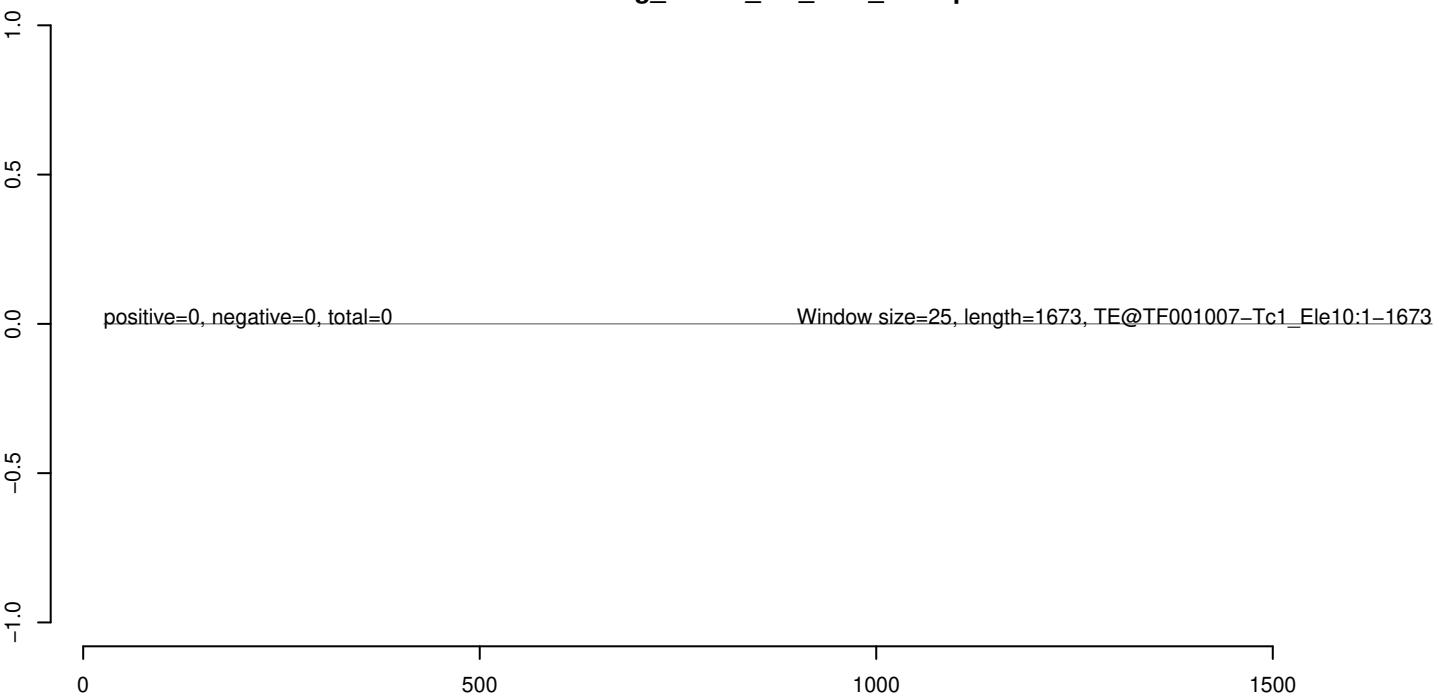
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



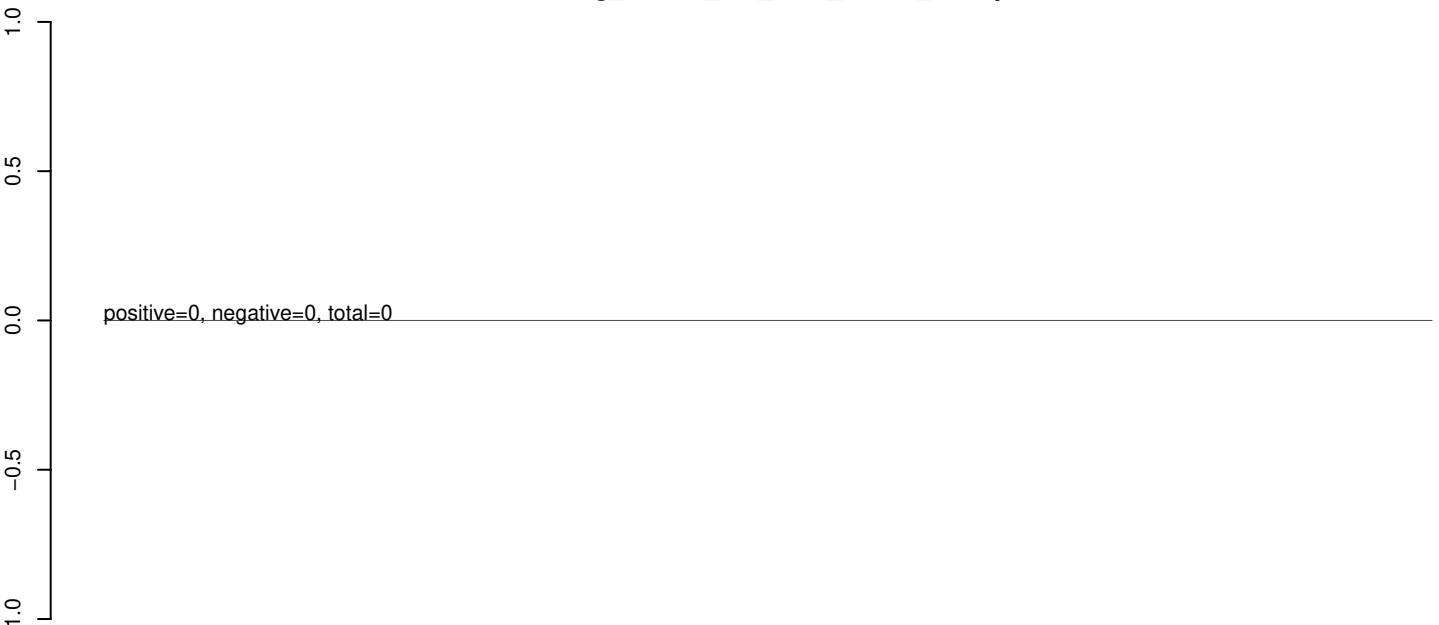
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



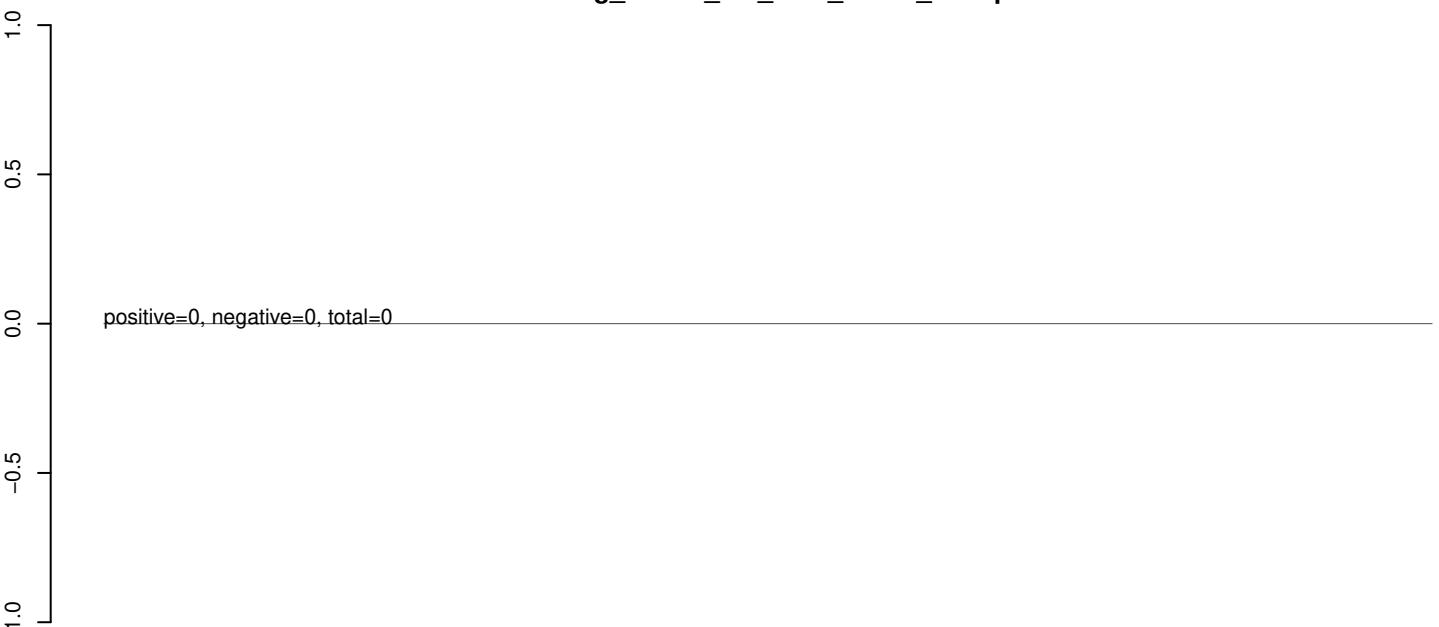
**AeAeg\_Whole\_sm\_r123\_JM.rep**



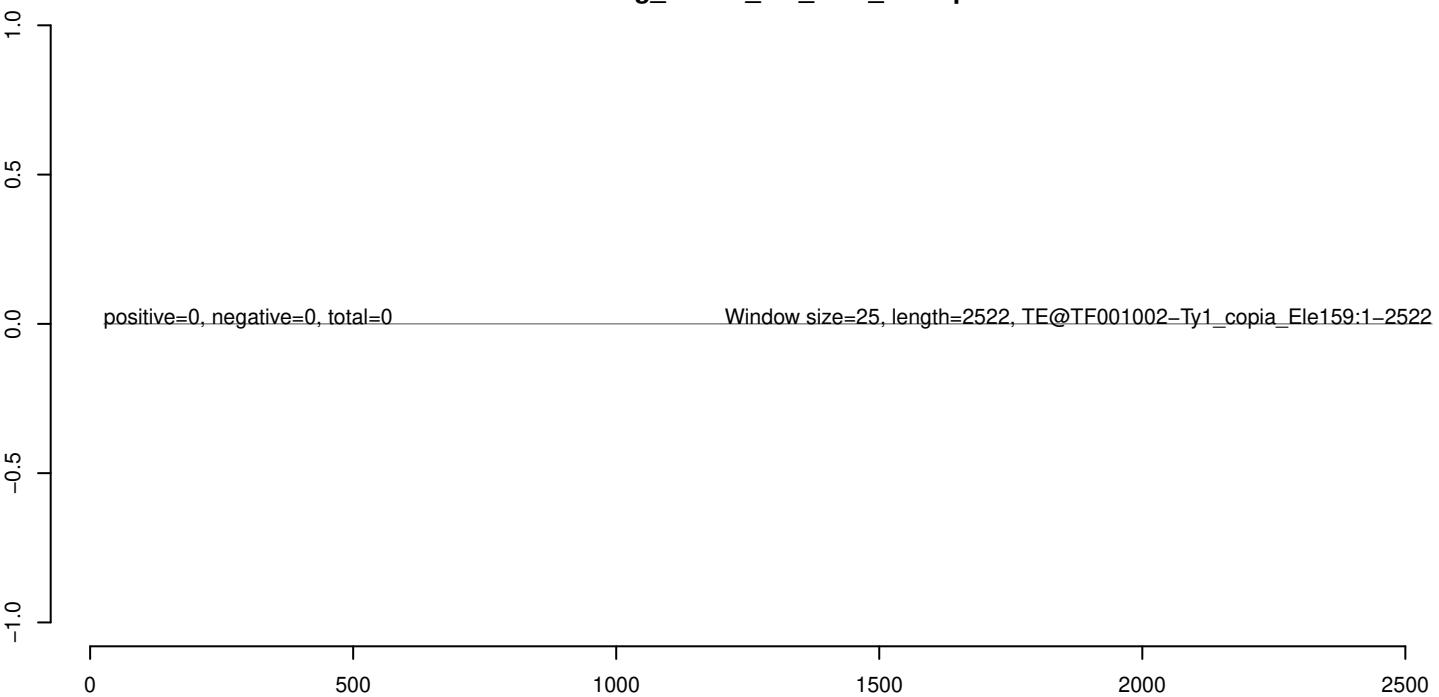
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



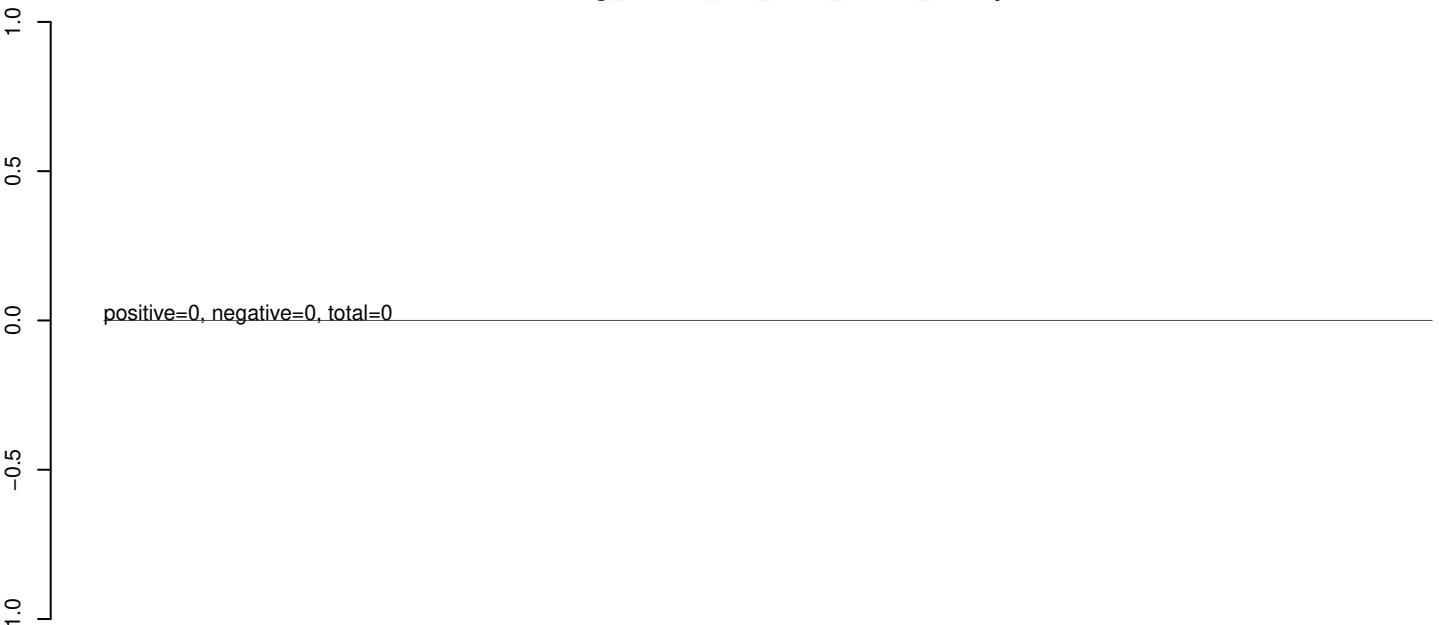
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



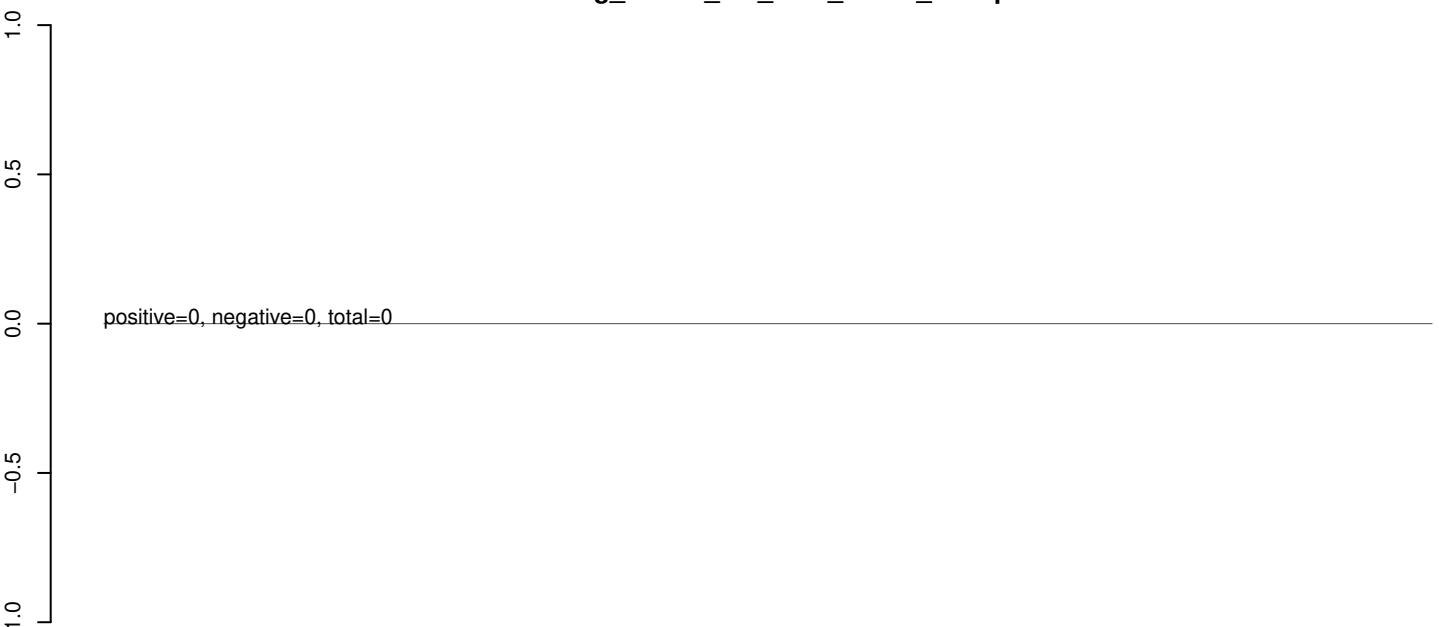
**AeAeg\_Whole\_sm\_r123\_JM.rep**



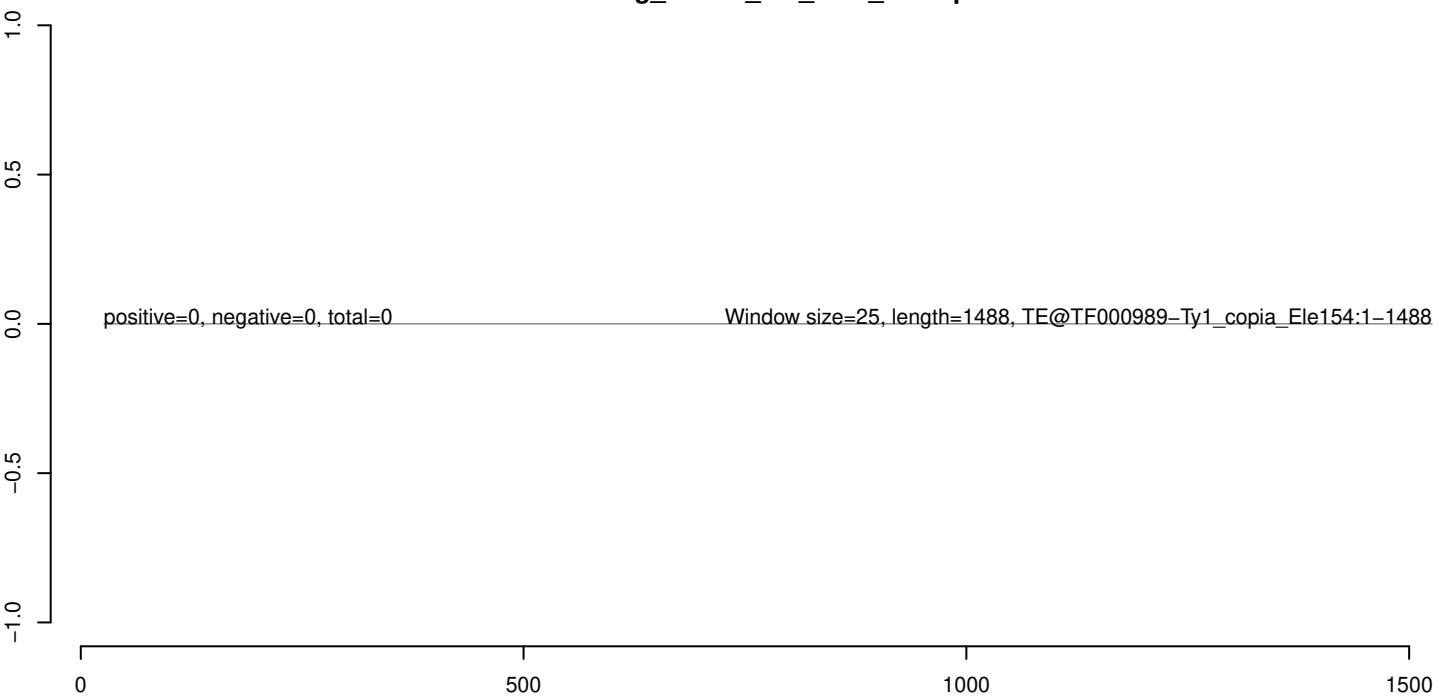
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



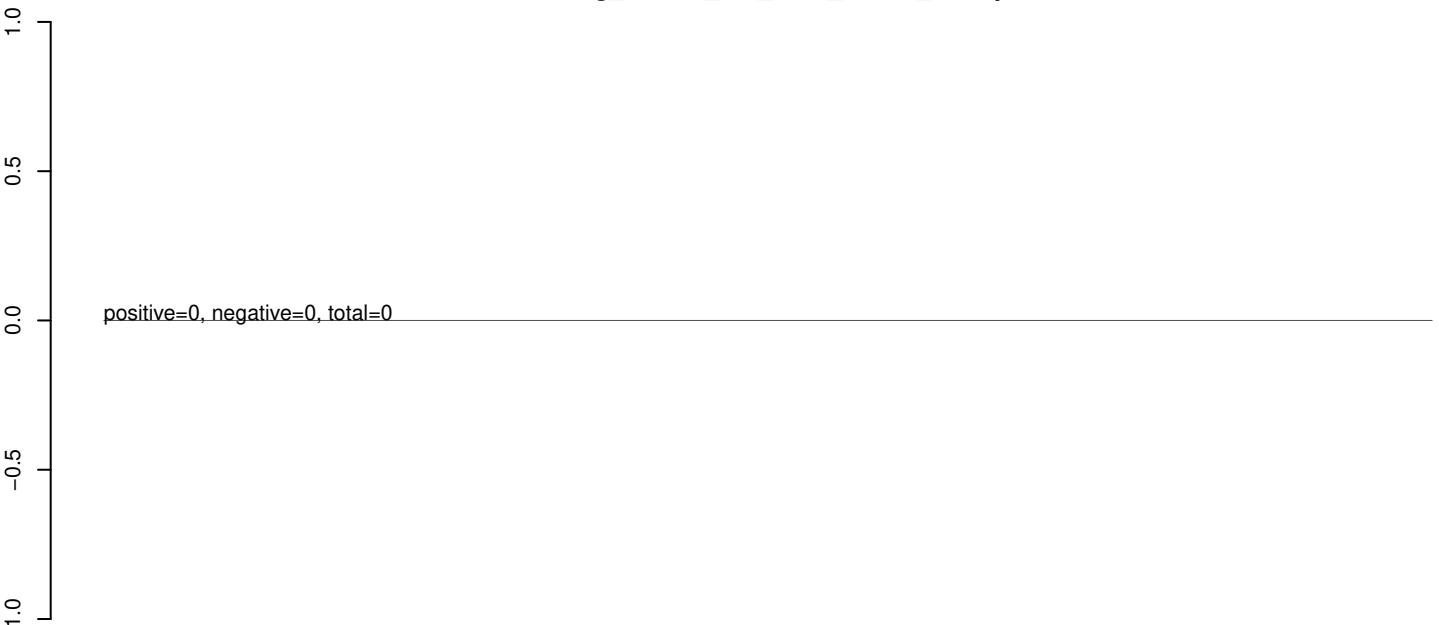
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



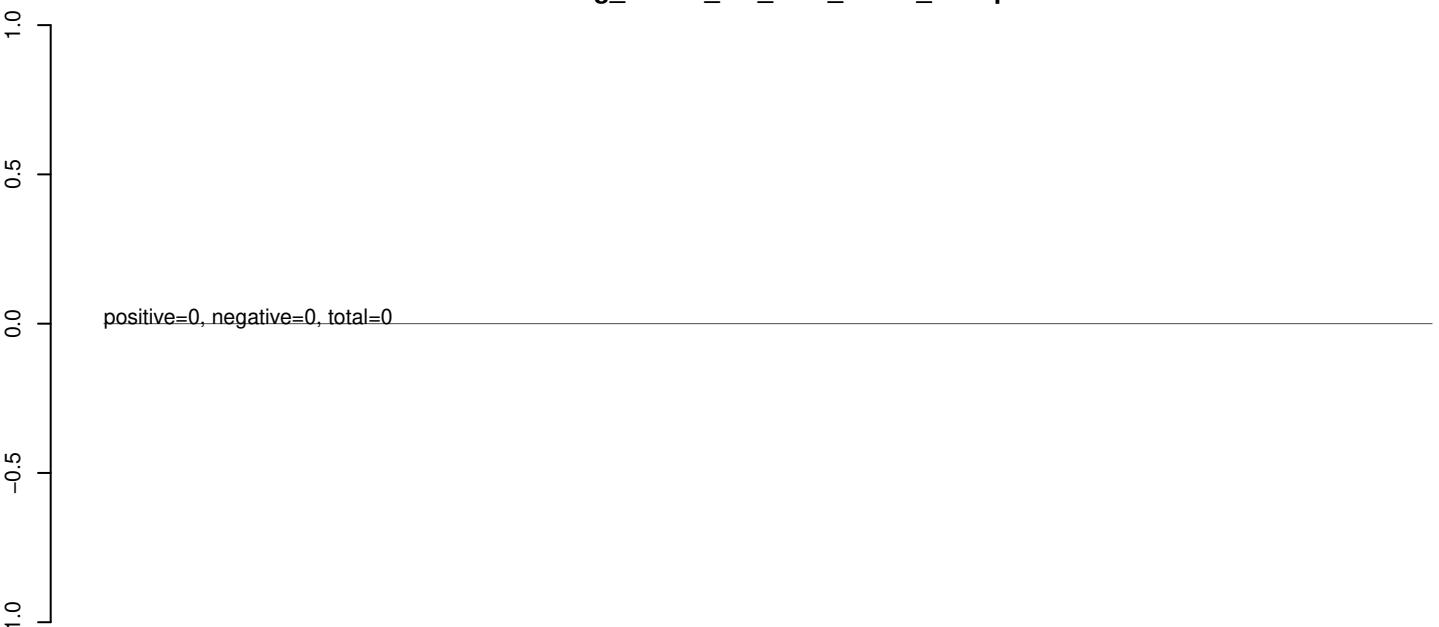
**AeAeg\_Whole\_sm\_r123\_JM.rep**



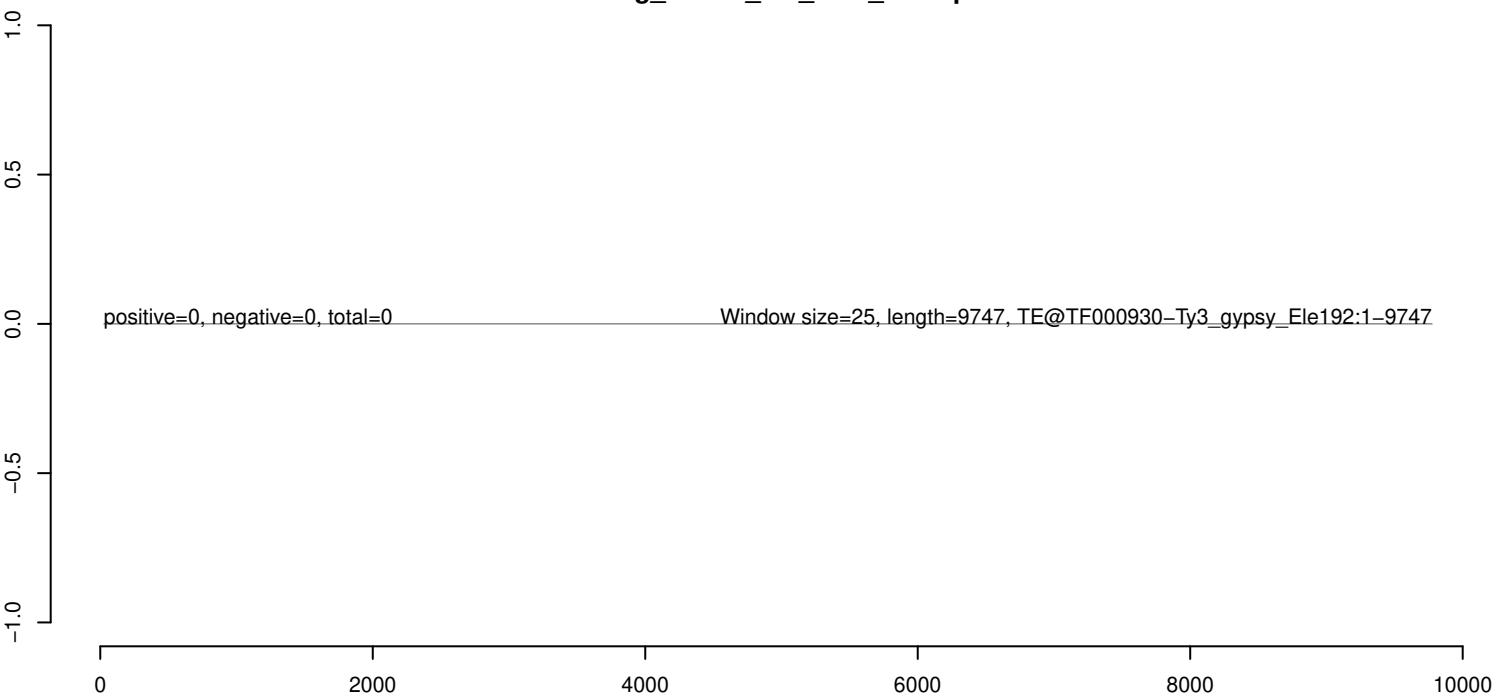
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



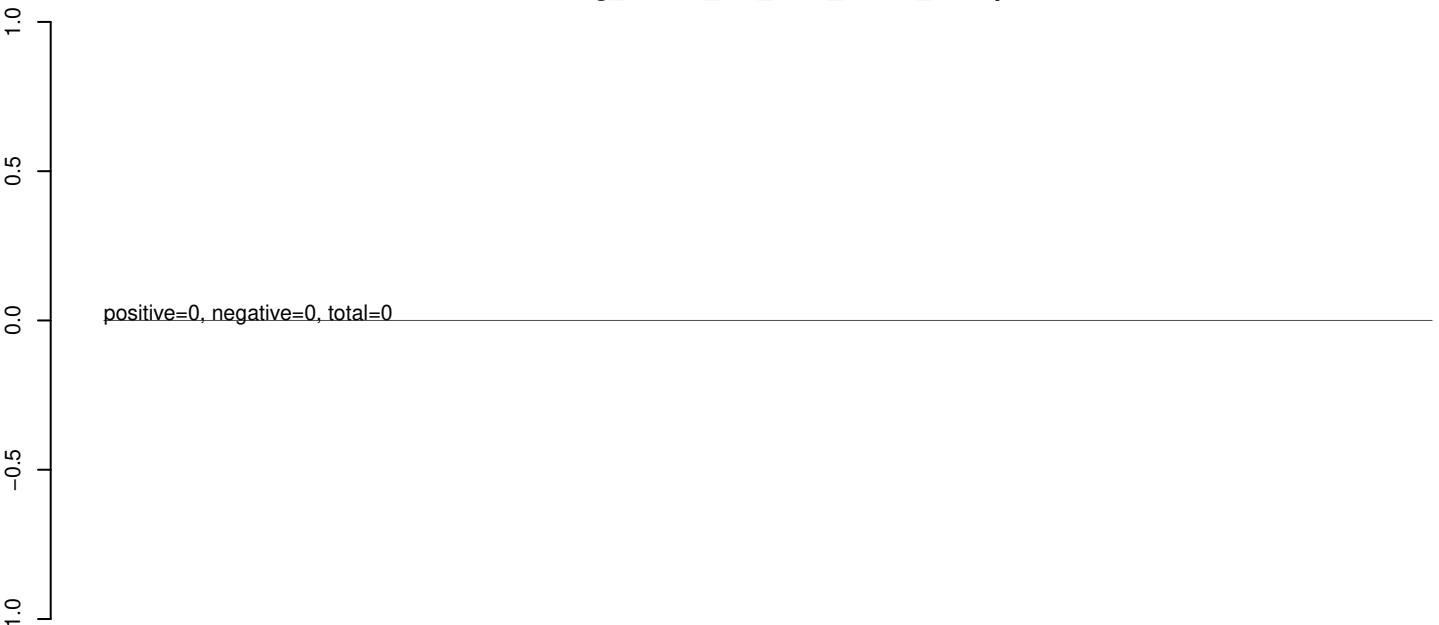
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



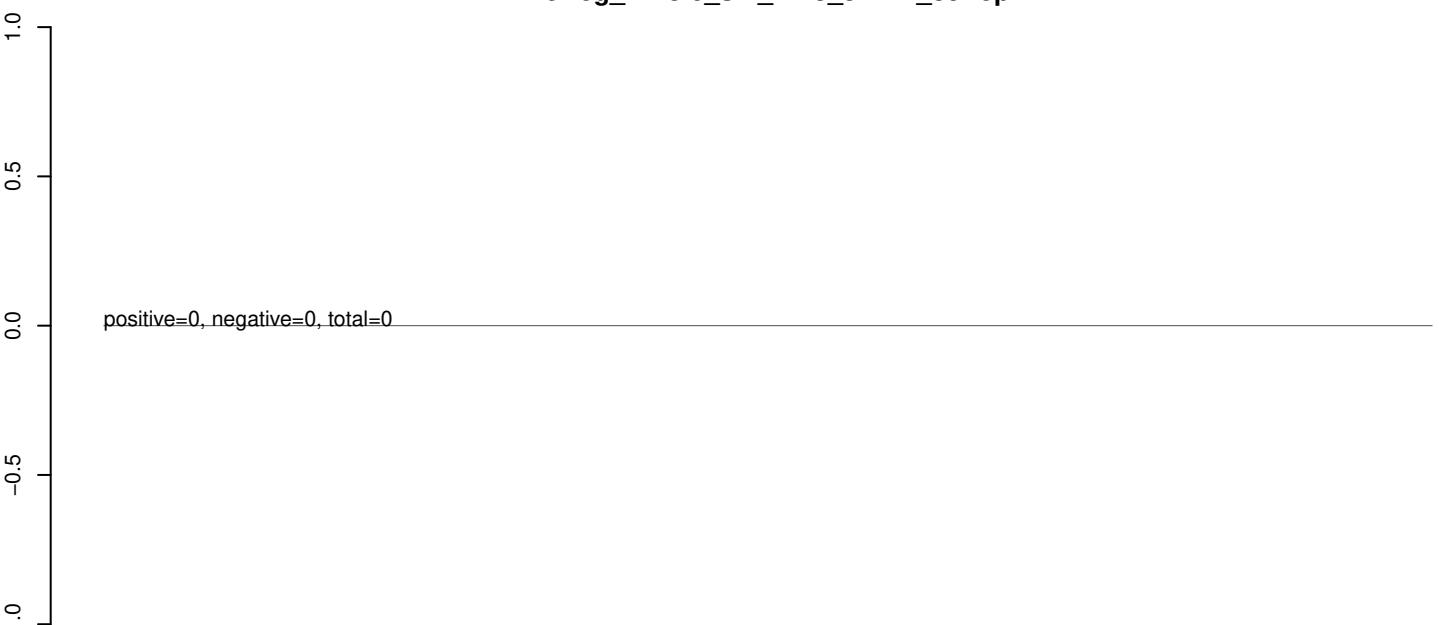
**AeAeg\_Whole\_sm\_r123\_JM.rep**



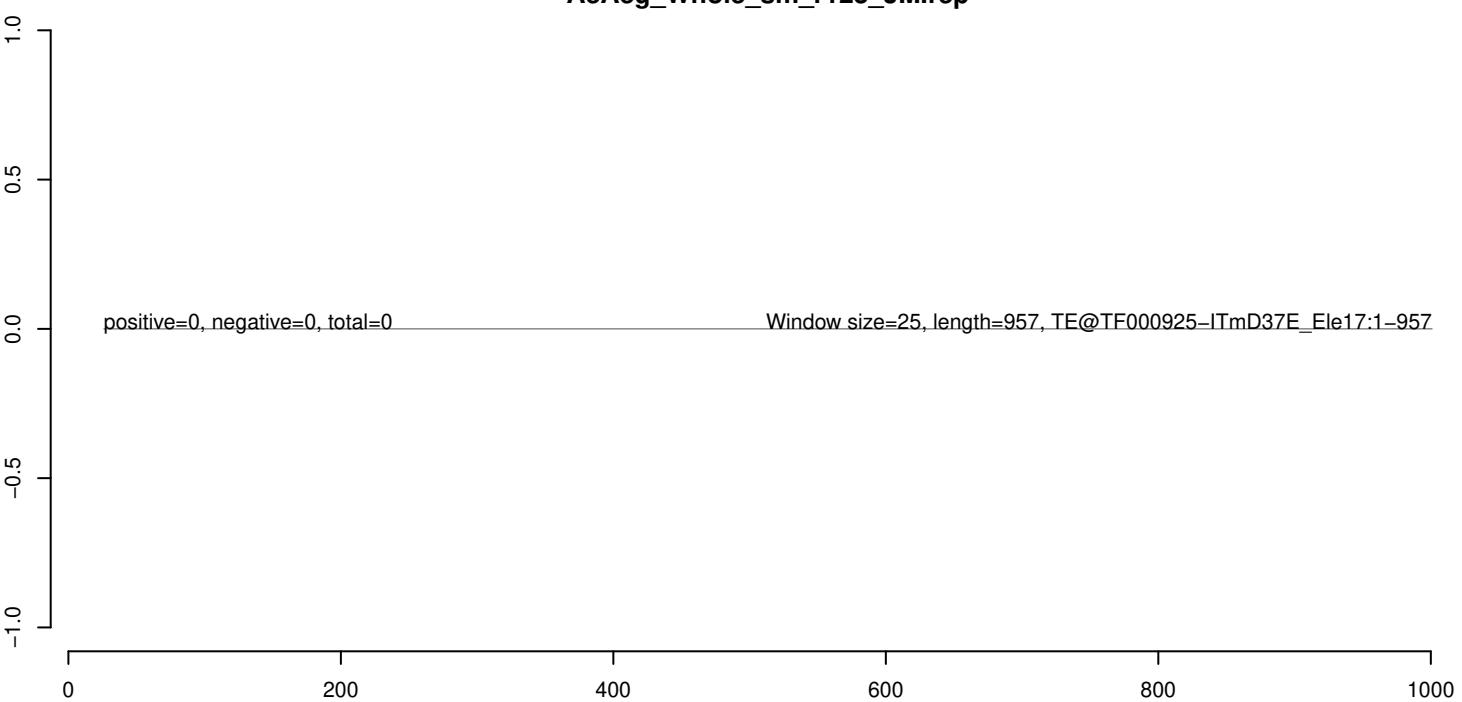
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



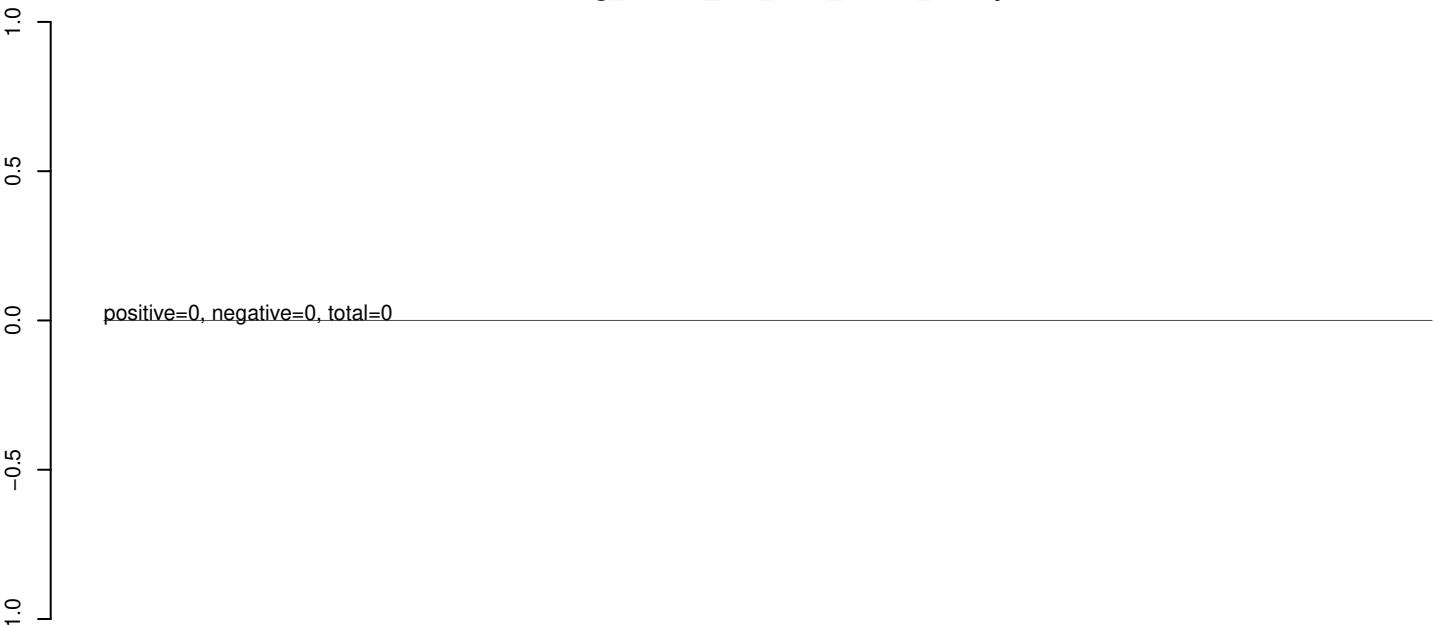
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



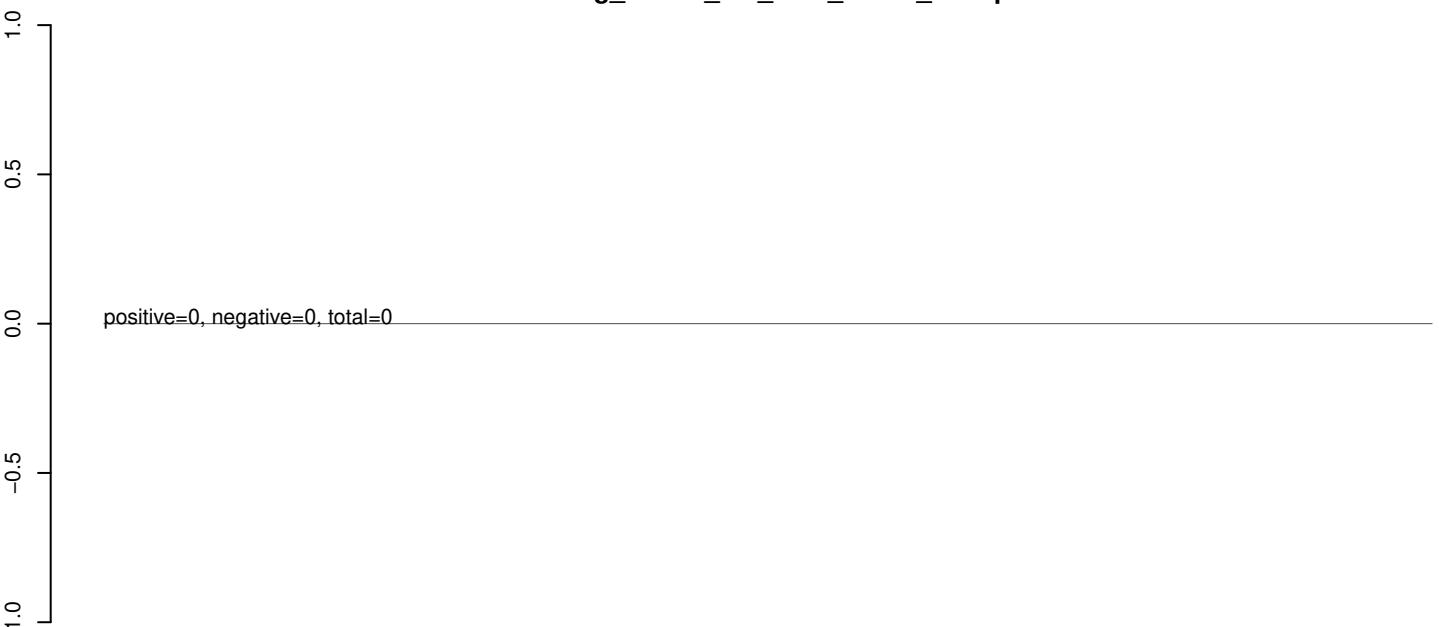
**AeAeg\_Whole\_sm\_r123\_JM.rep**



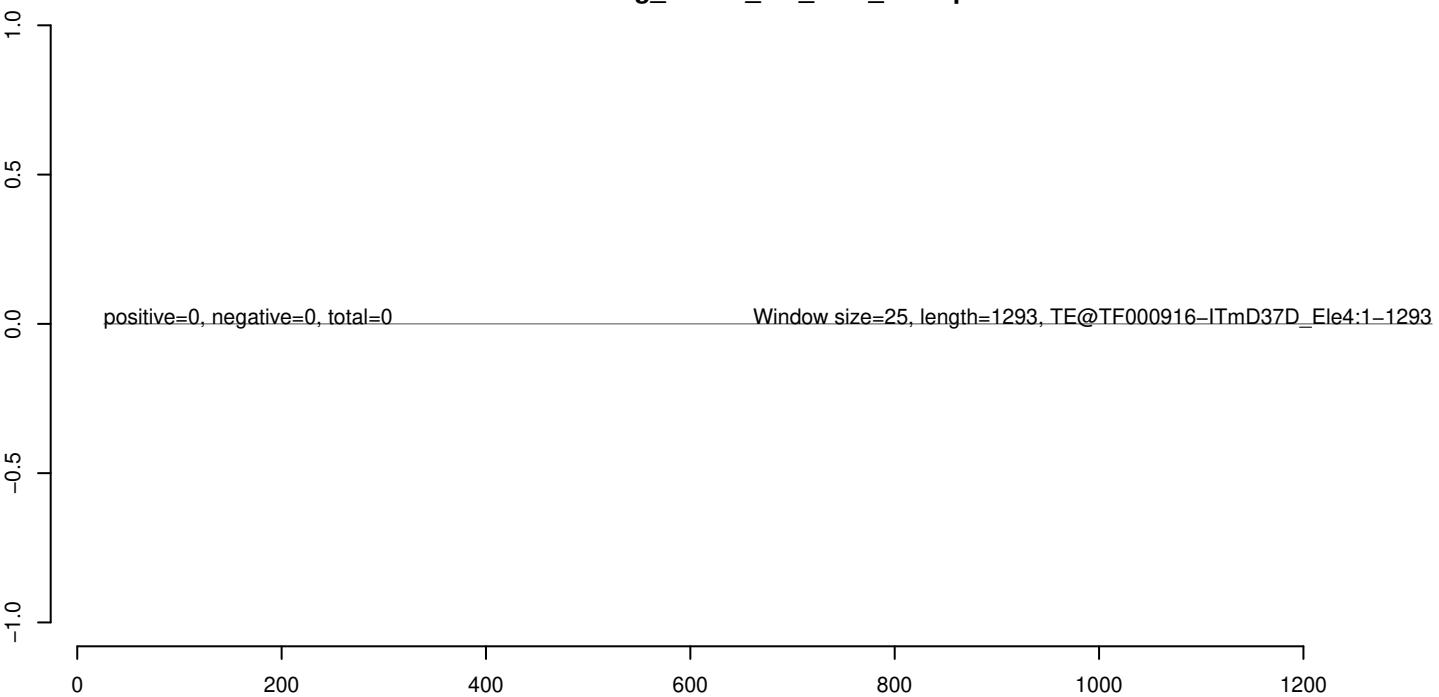
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



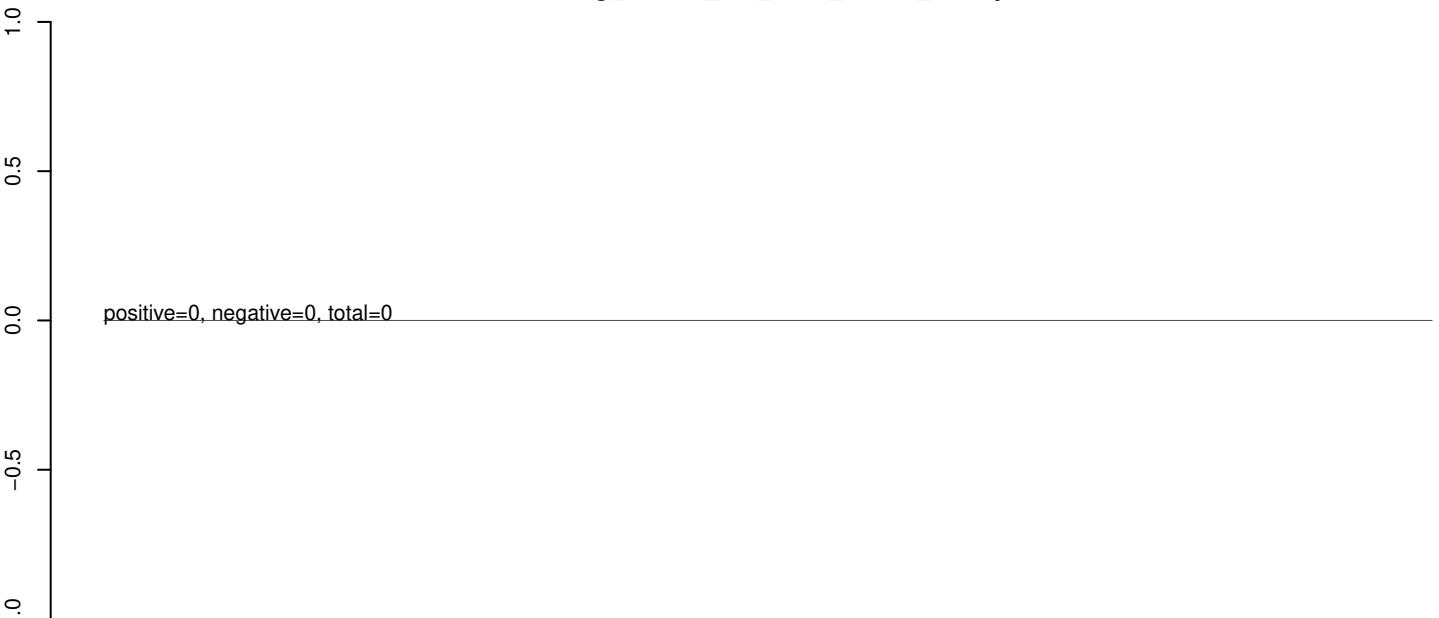
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



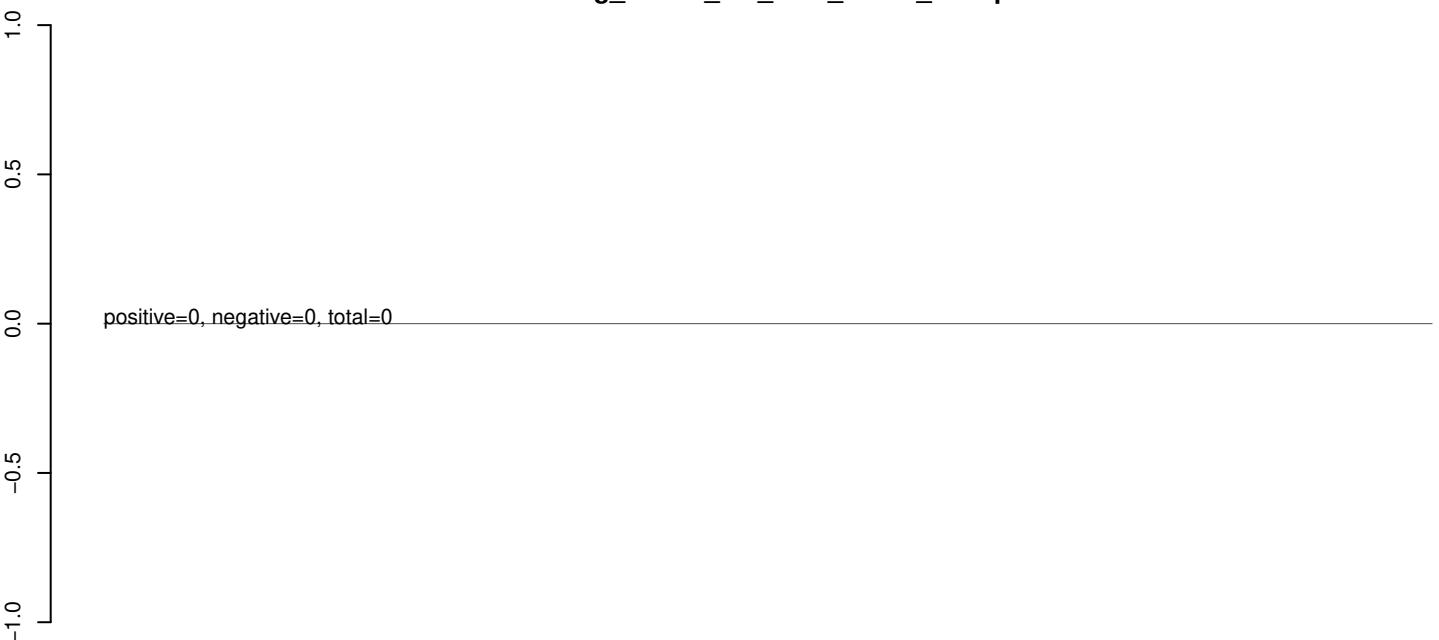
### AeAeg\_Whole\_sm\_r123\_JM.rep



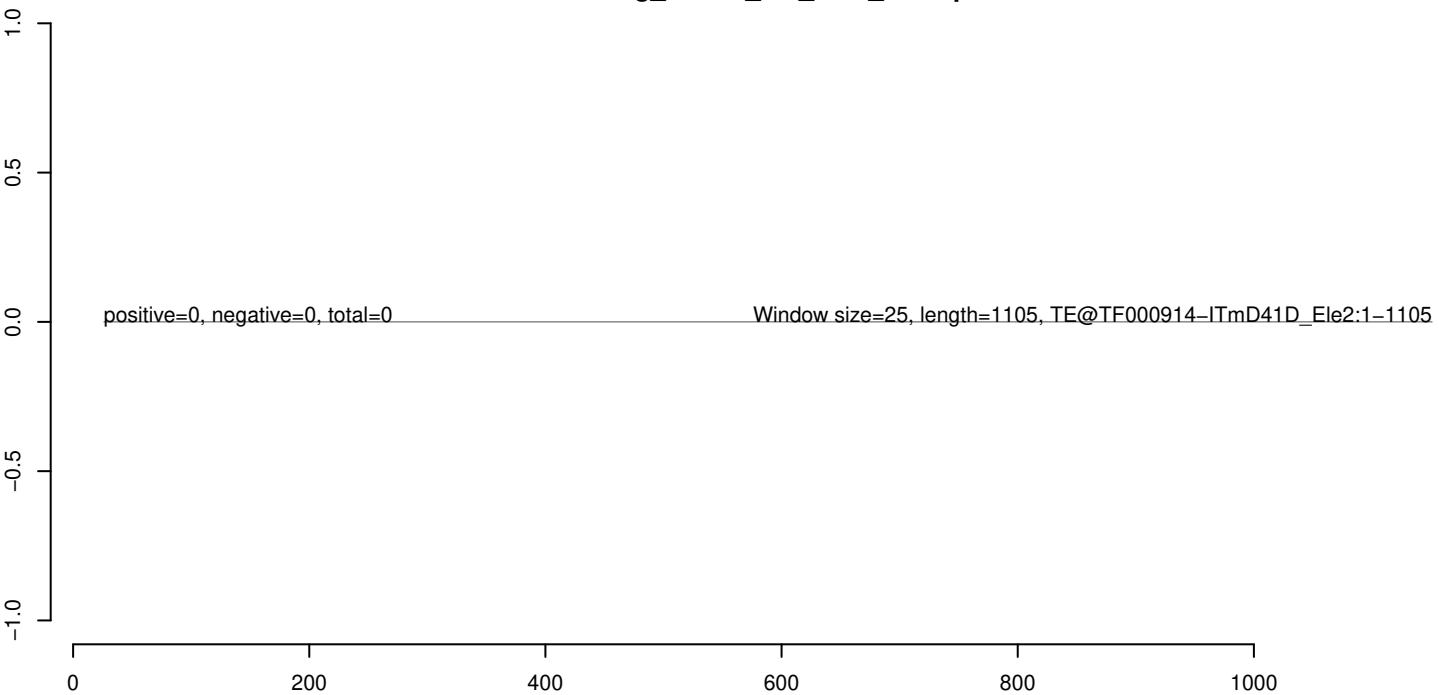
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1222, TE@TF000912-ITmD41D\_Ele1:1-1222

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1342, TE@TF000905-ITmD37D\_Ele2:1-1342

0 200 400 600 800 1000 1200 1400

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1305, TE@TF000904-ITmD37D\_Ele1:1-1305

0 200 400 600 800 1000 1200 1400

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

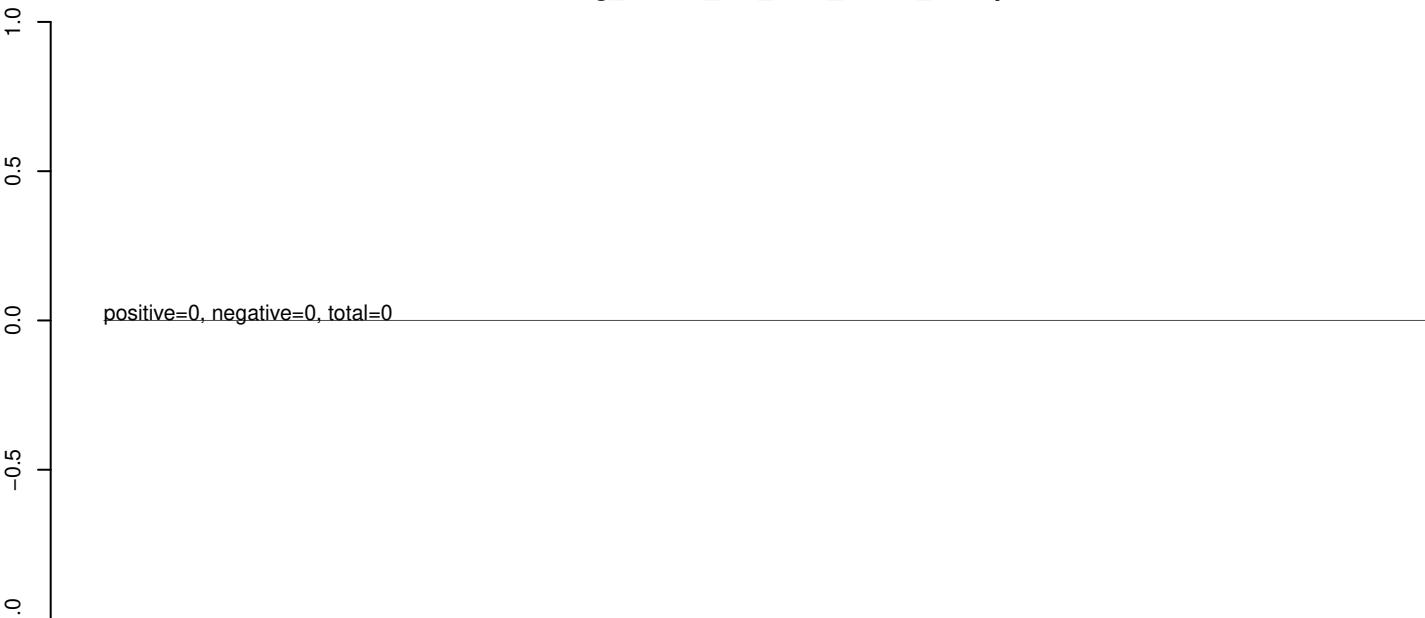
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

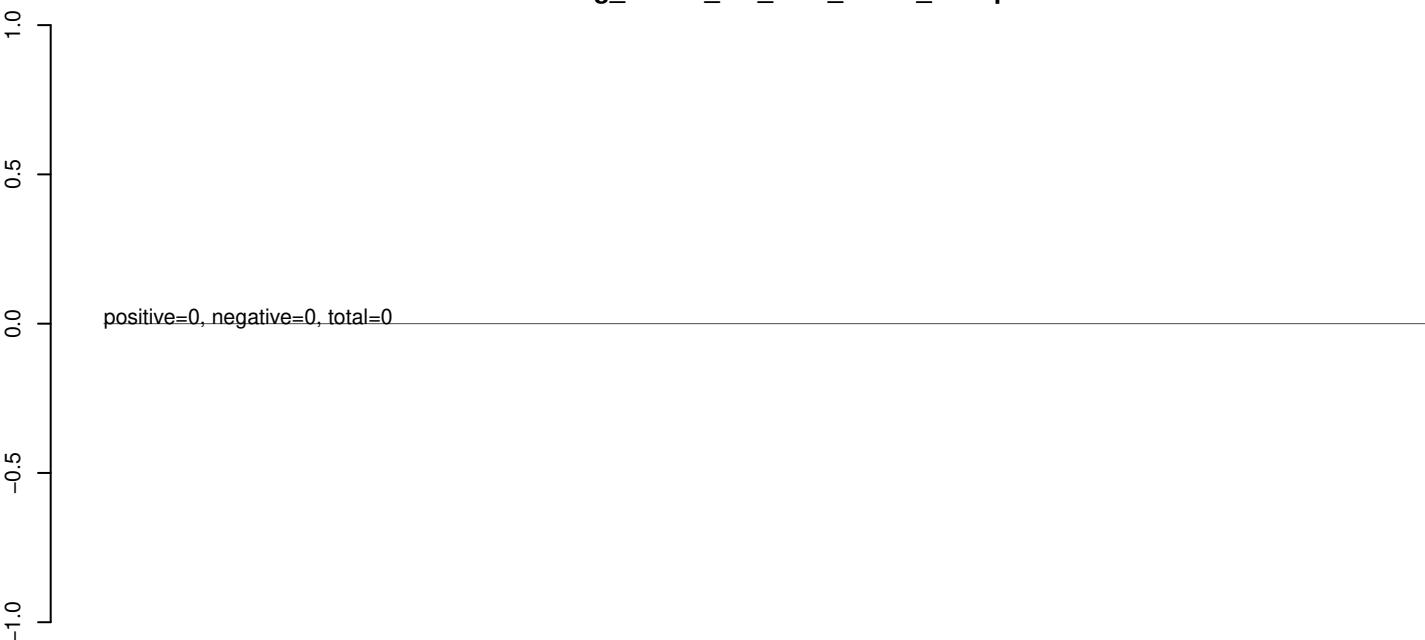
positive=0, negative=0, total=0

Window size=25, length=1723, TE@TF000902-ITmD37E\_Ele11:1-1723

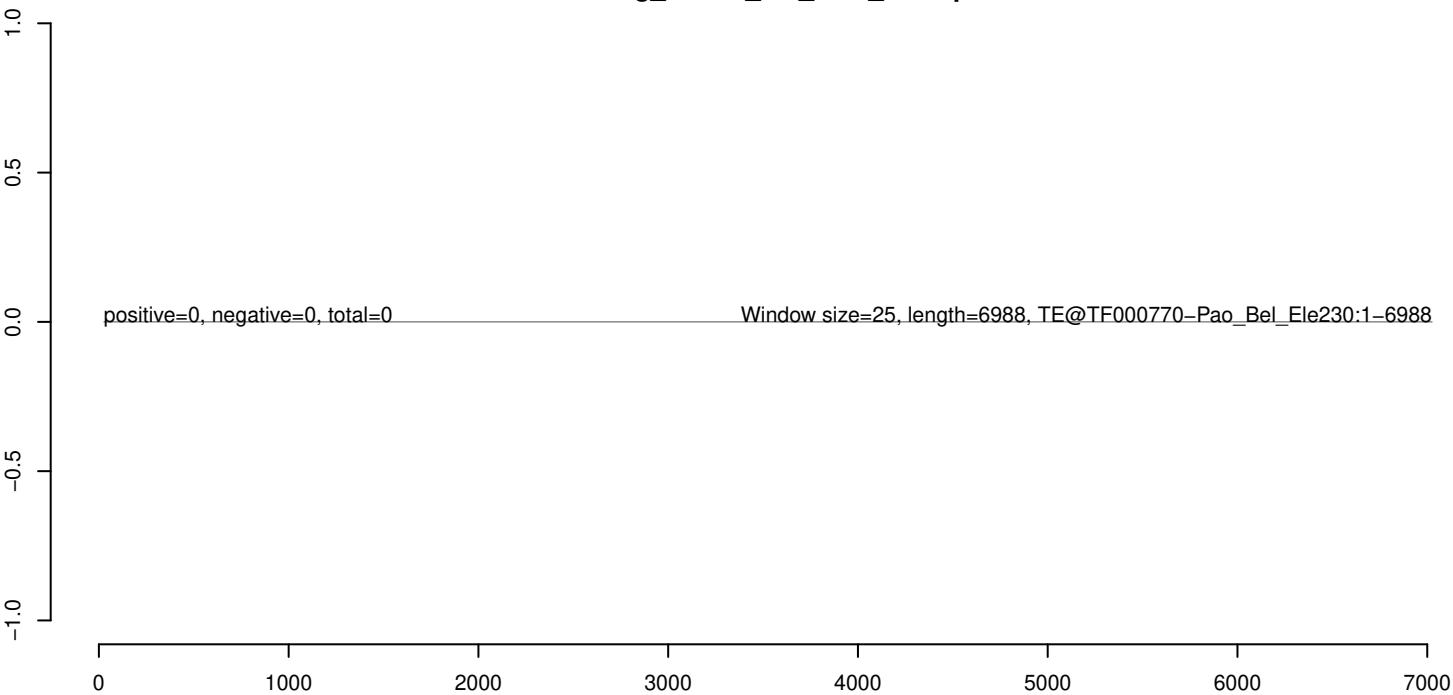
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



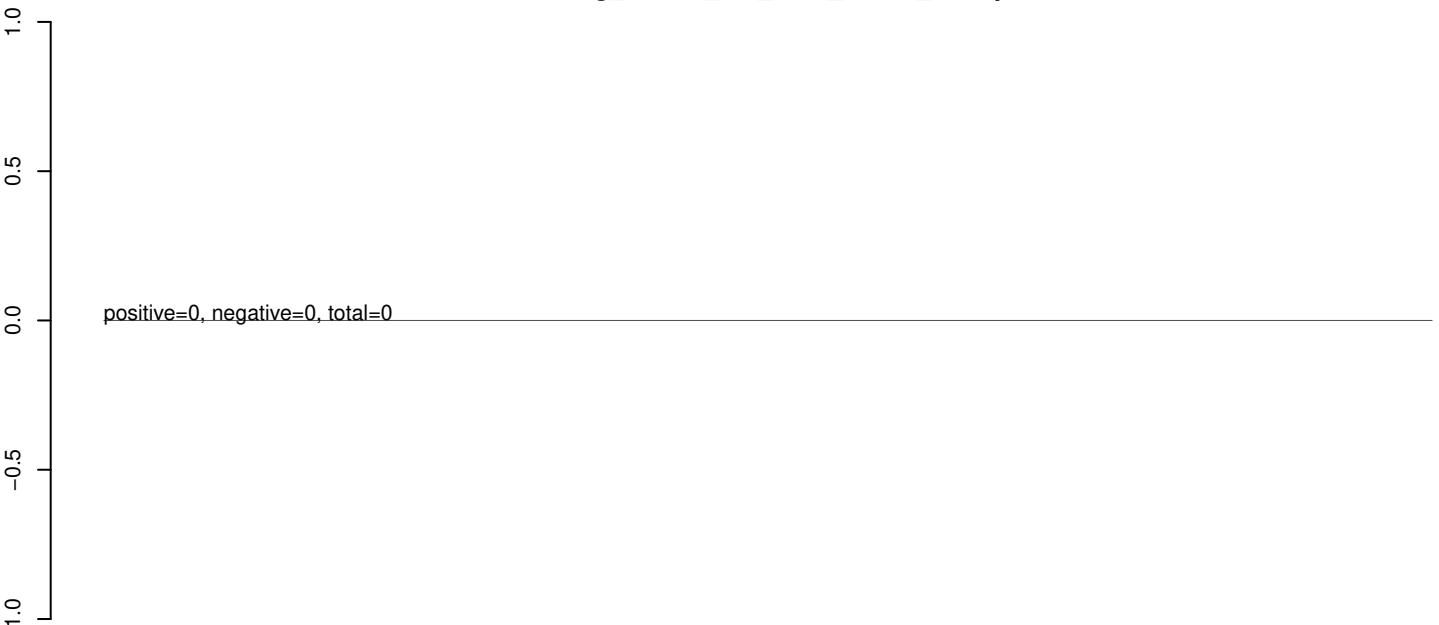
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



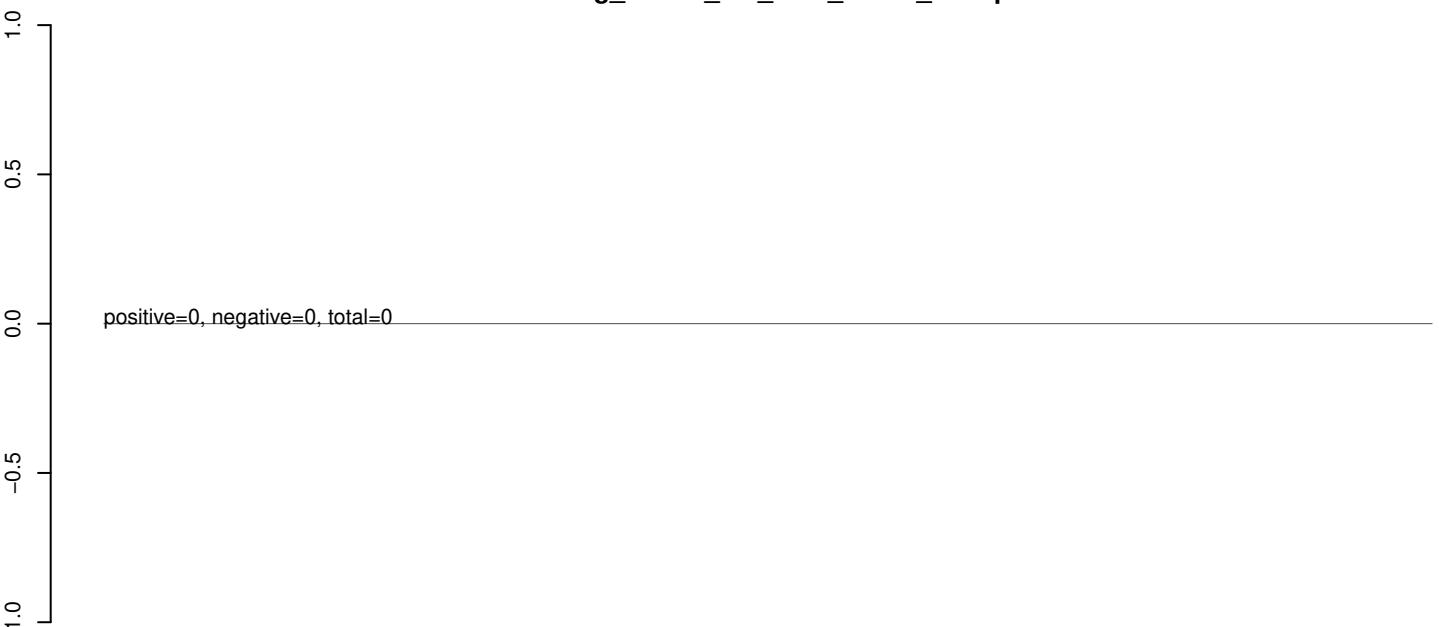
### AeAeg\_Whole\_sm\_r123\_JM.rep



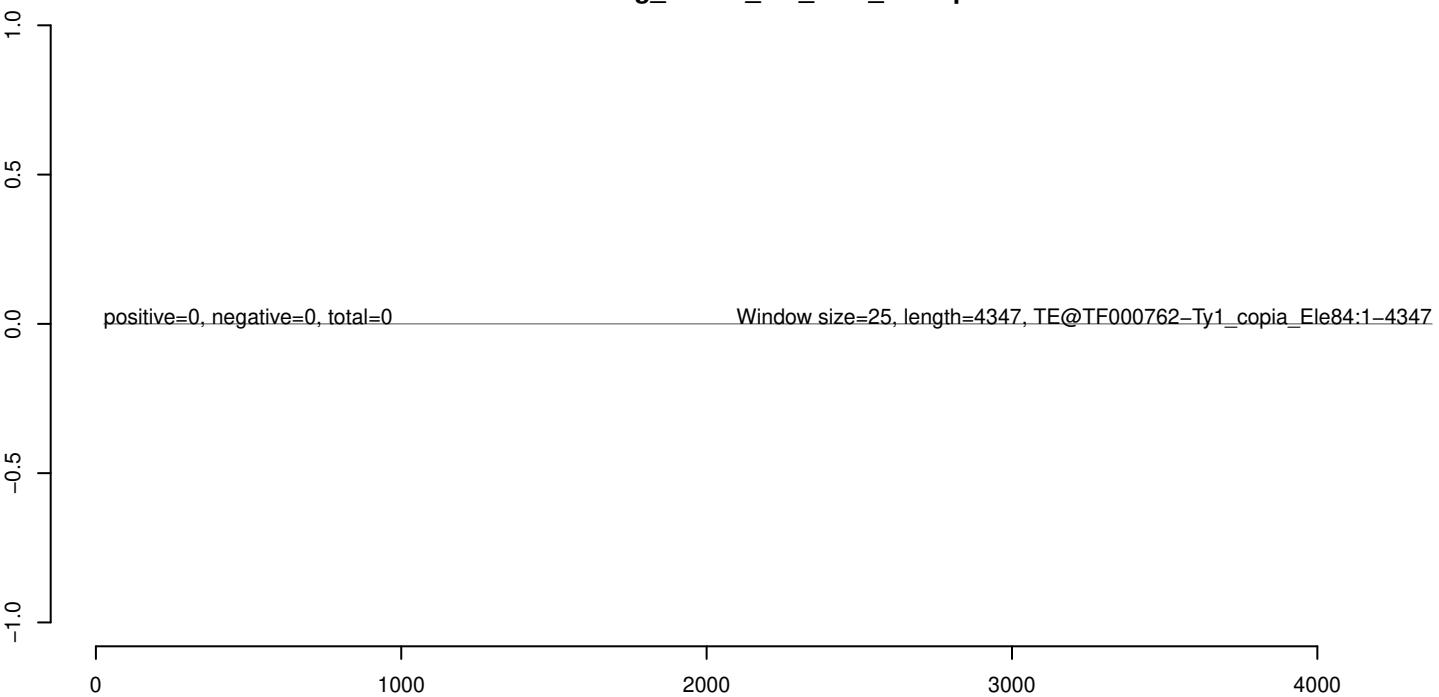
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=493, TE@TF000746-mTA\_Ele22:1-493

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

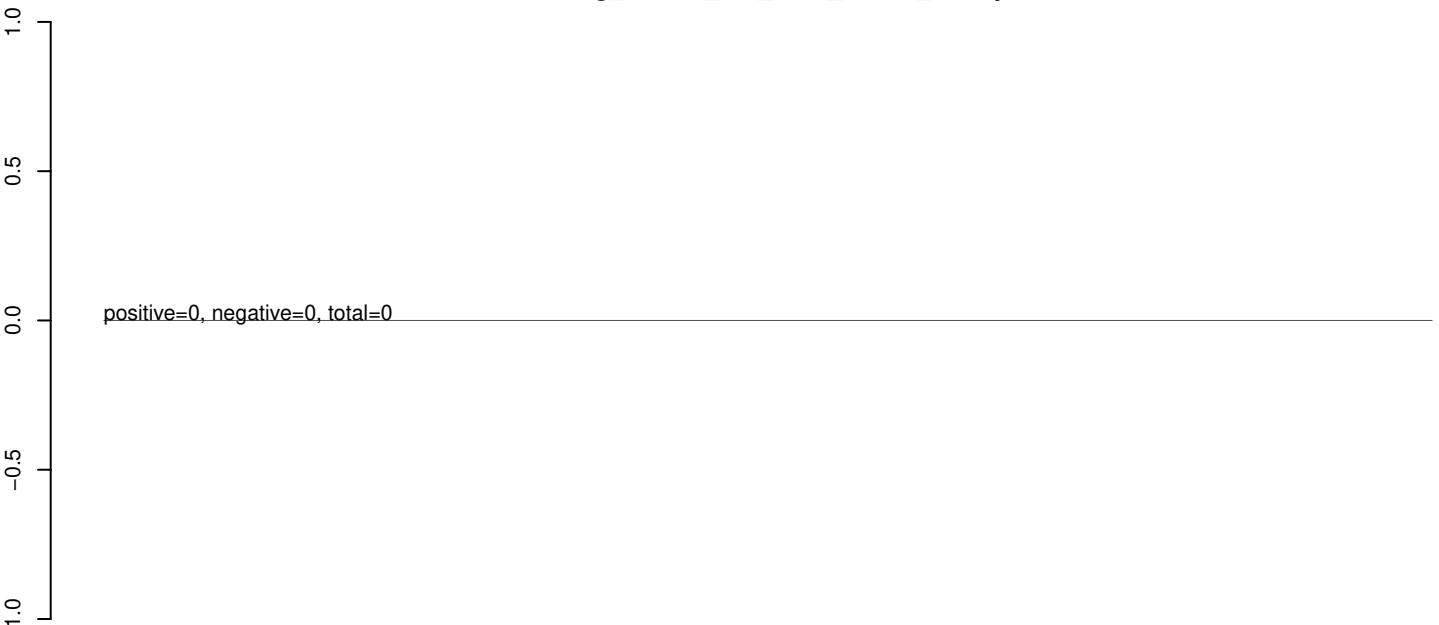
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

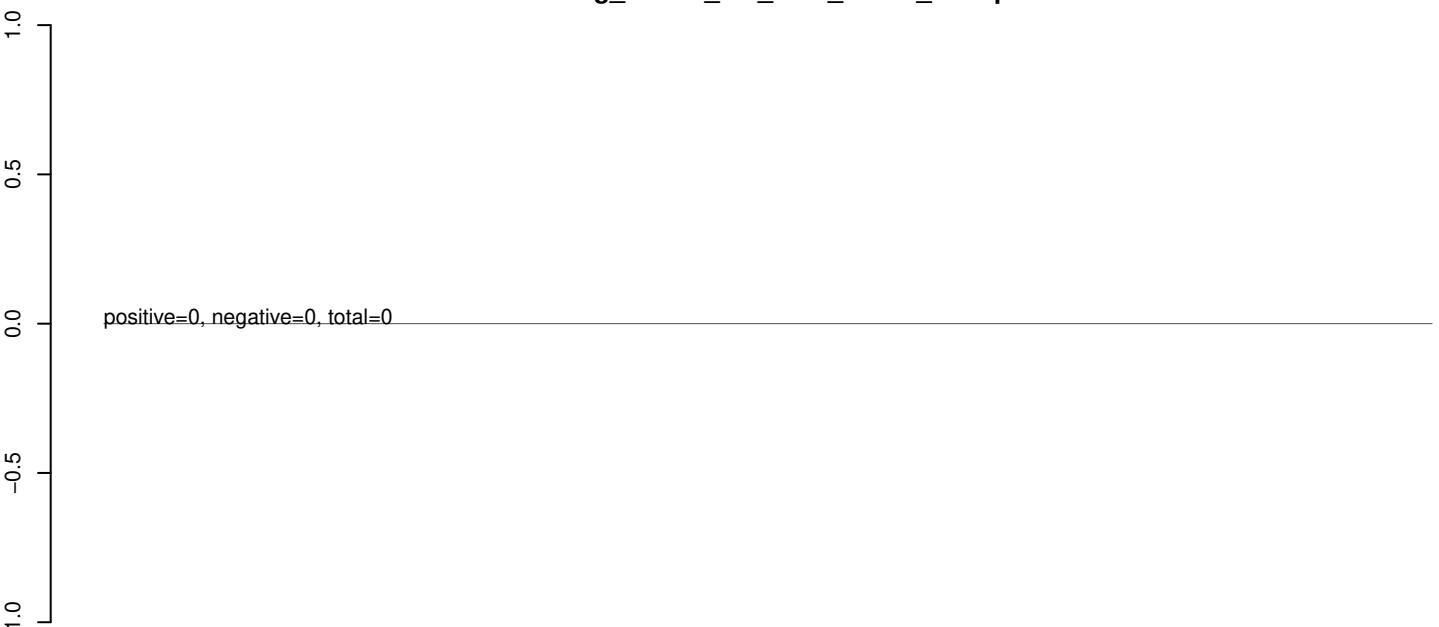
positive=0, negative=0, total=0

Window size=25, length=218, TE@TF000745-mTA\_Ele21:1-218

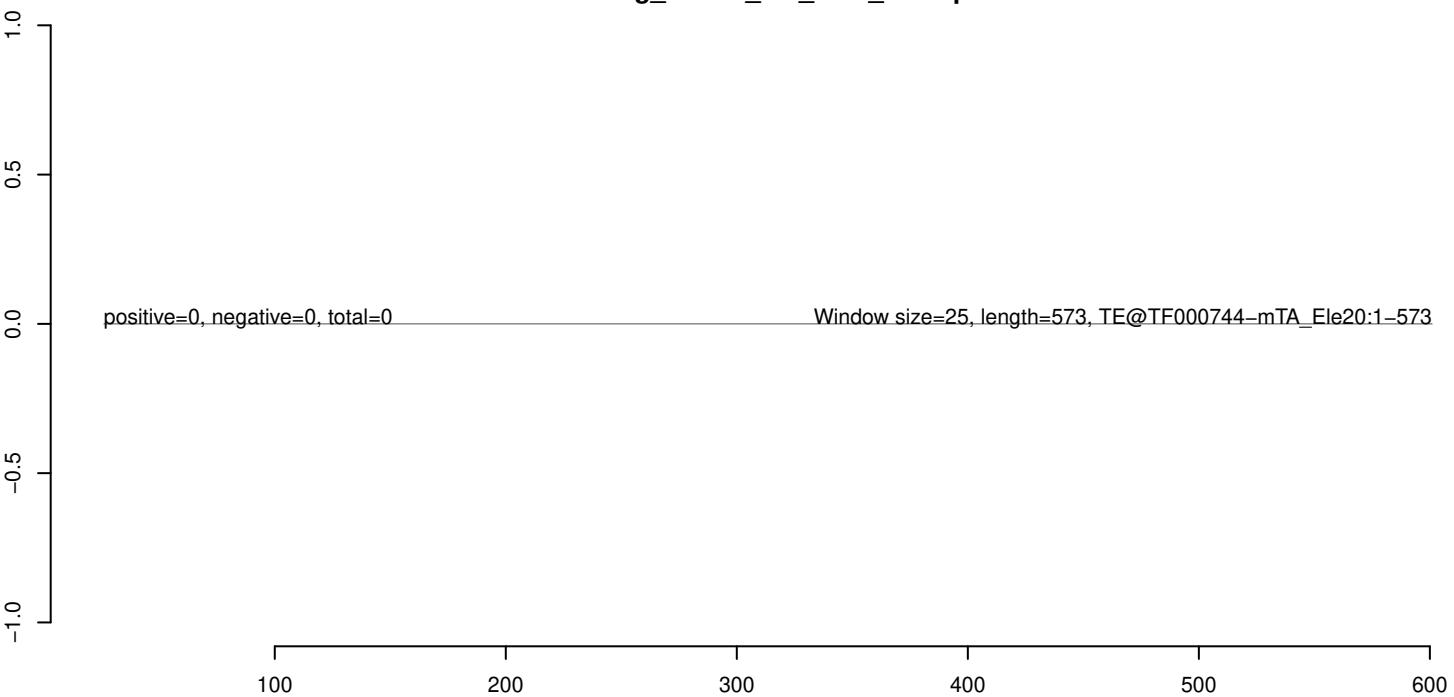
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

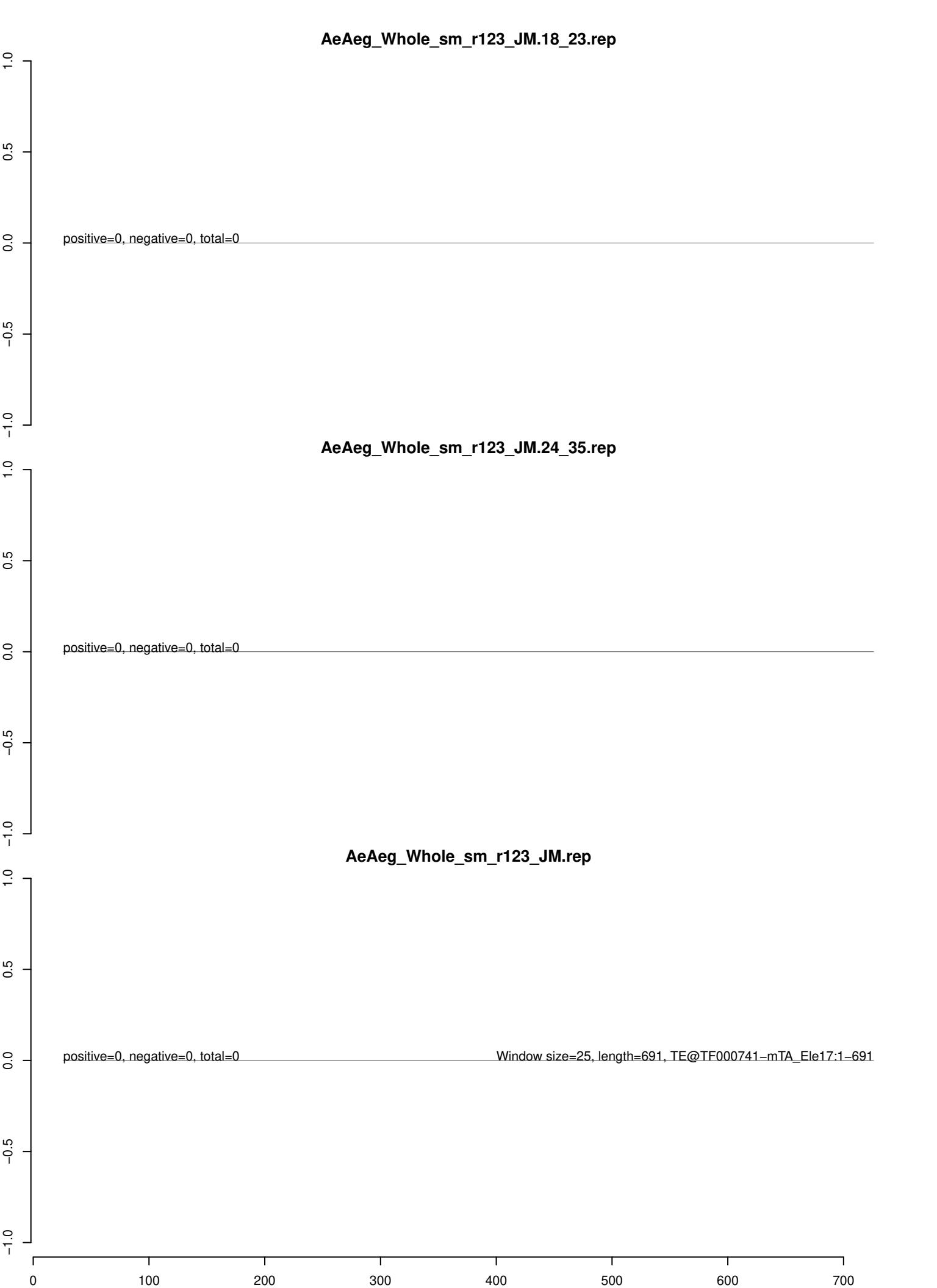
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=691, TE@TF000741-mTA\_Ele17:1-691



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

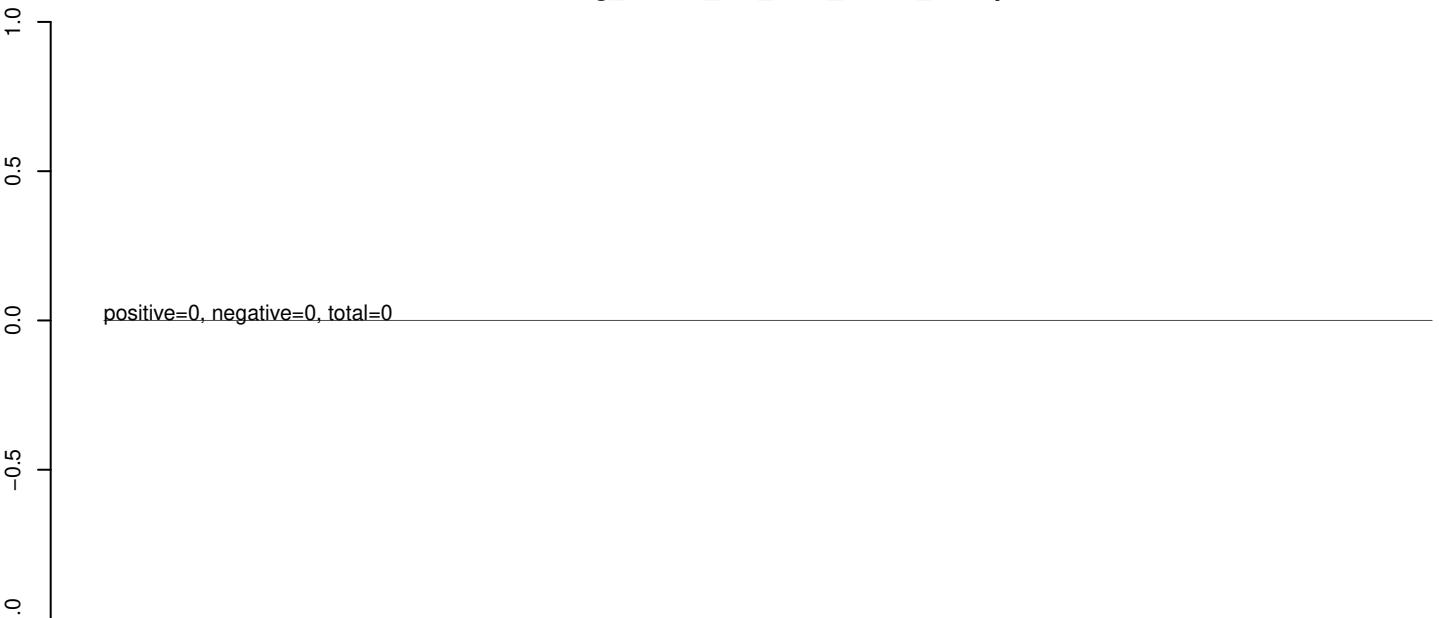
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

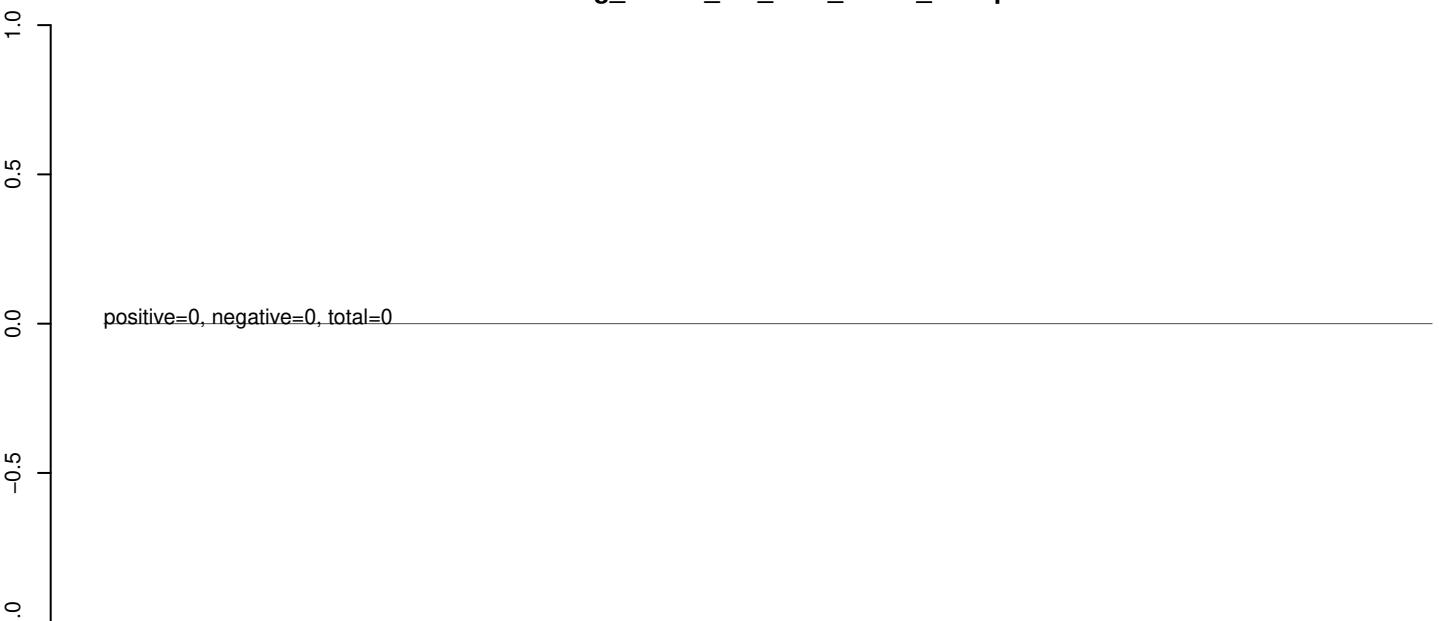
positive=0, negative=0, total=0

Window size=25, length=226, TE@TF000738-mTA\_Ele14:1-226

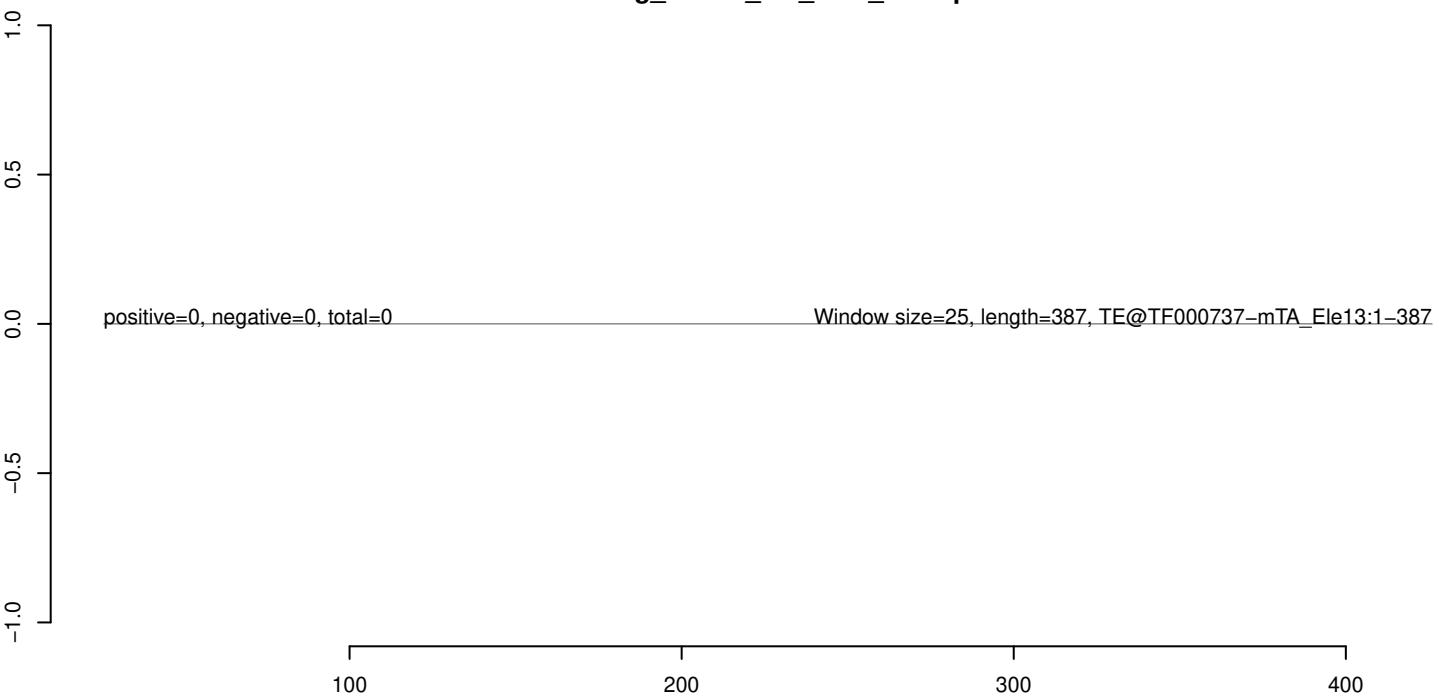
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

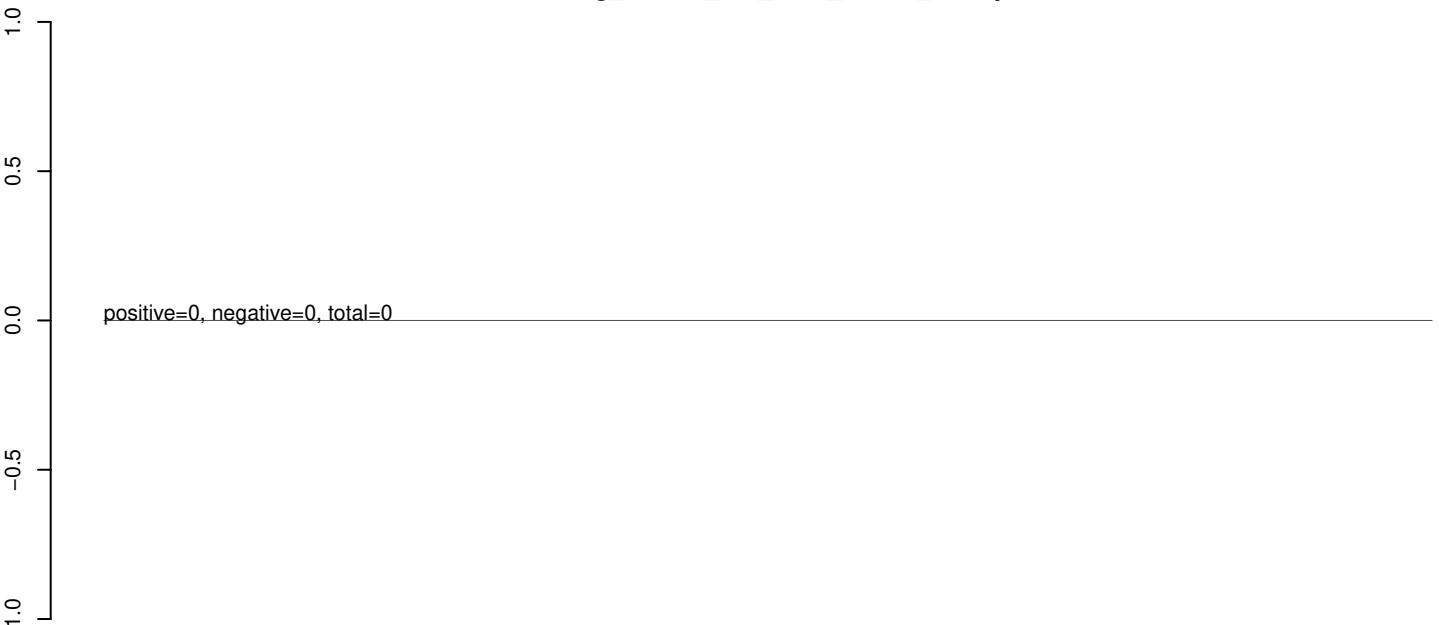
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

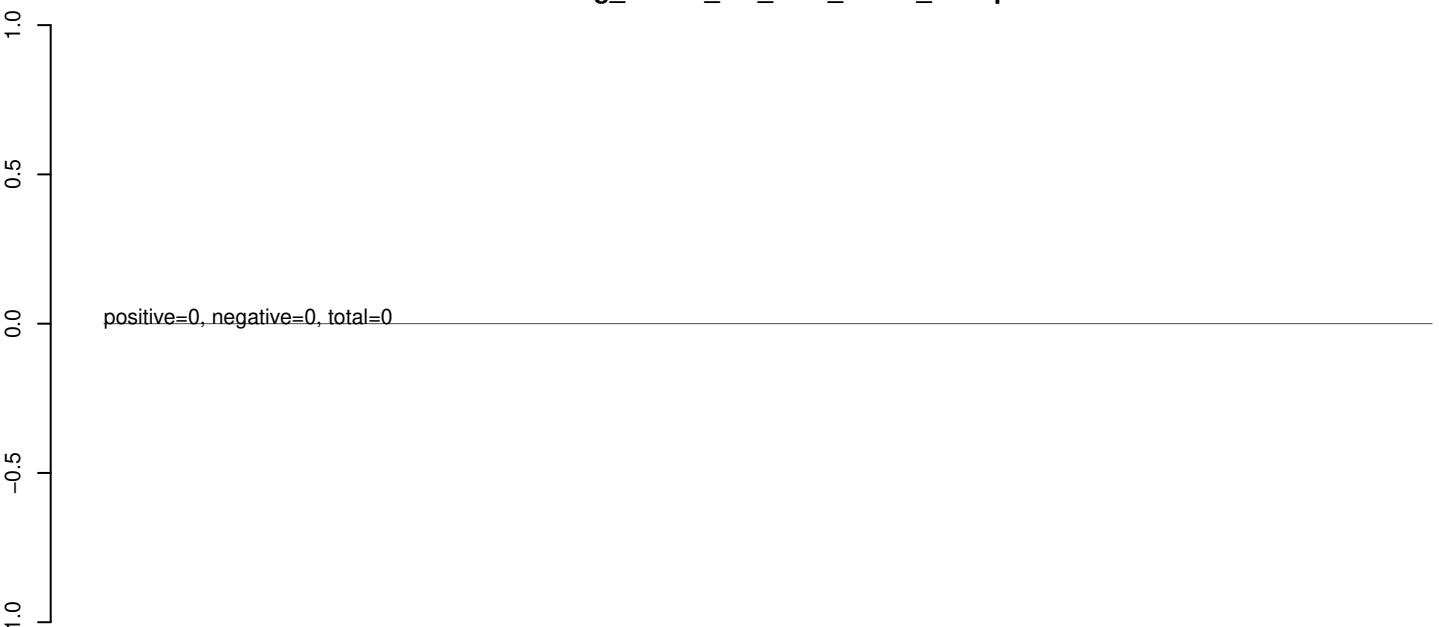
Window size=25, length=328, TE@TF000734-mTA\_Ele11:1-328

50 100 150 200 250 300 350

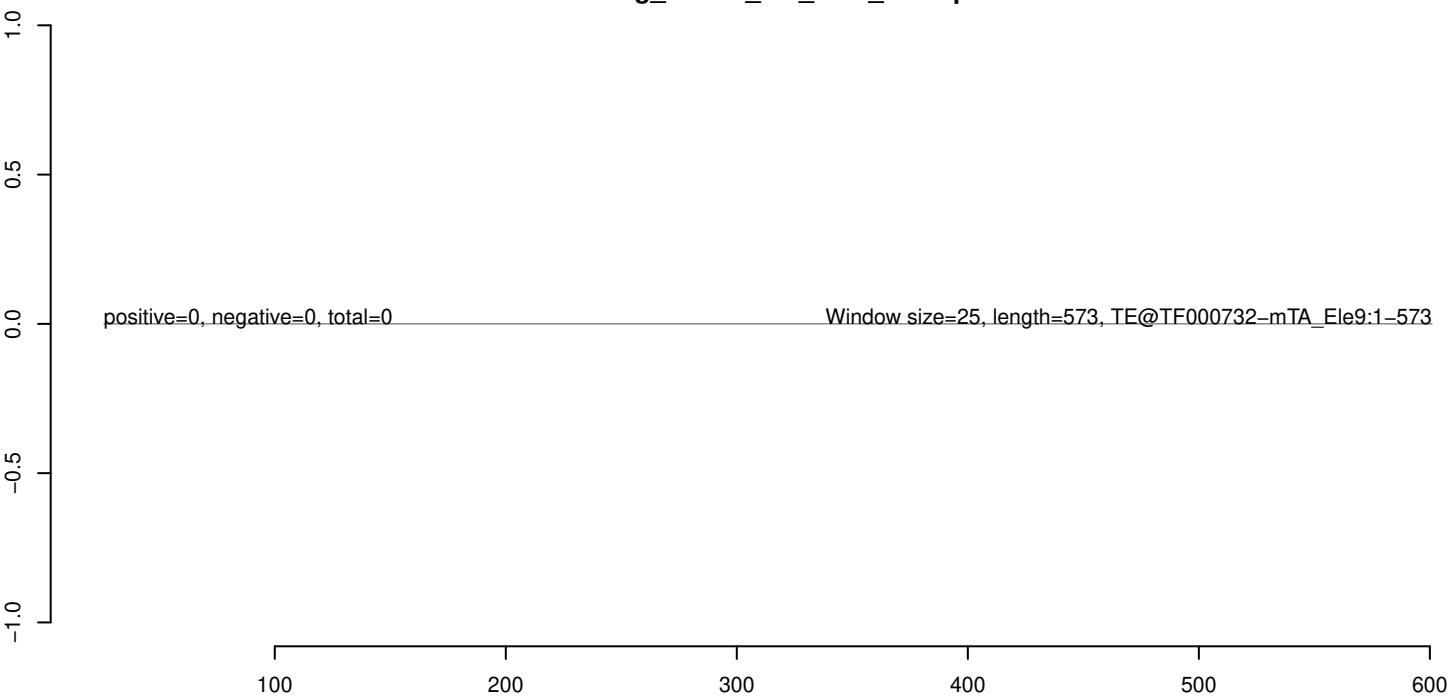
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



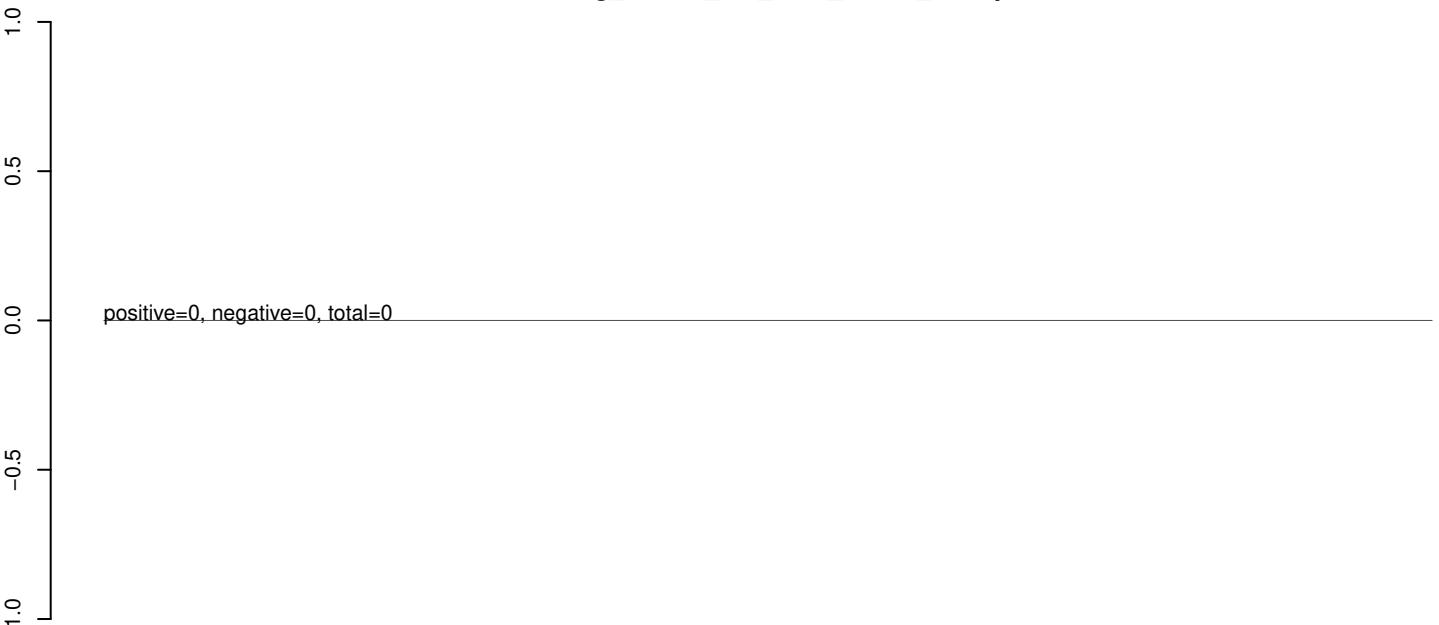
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



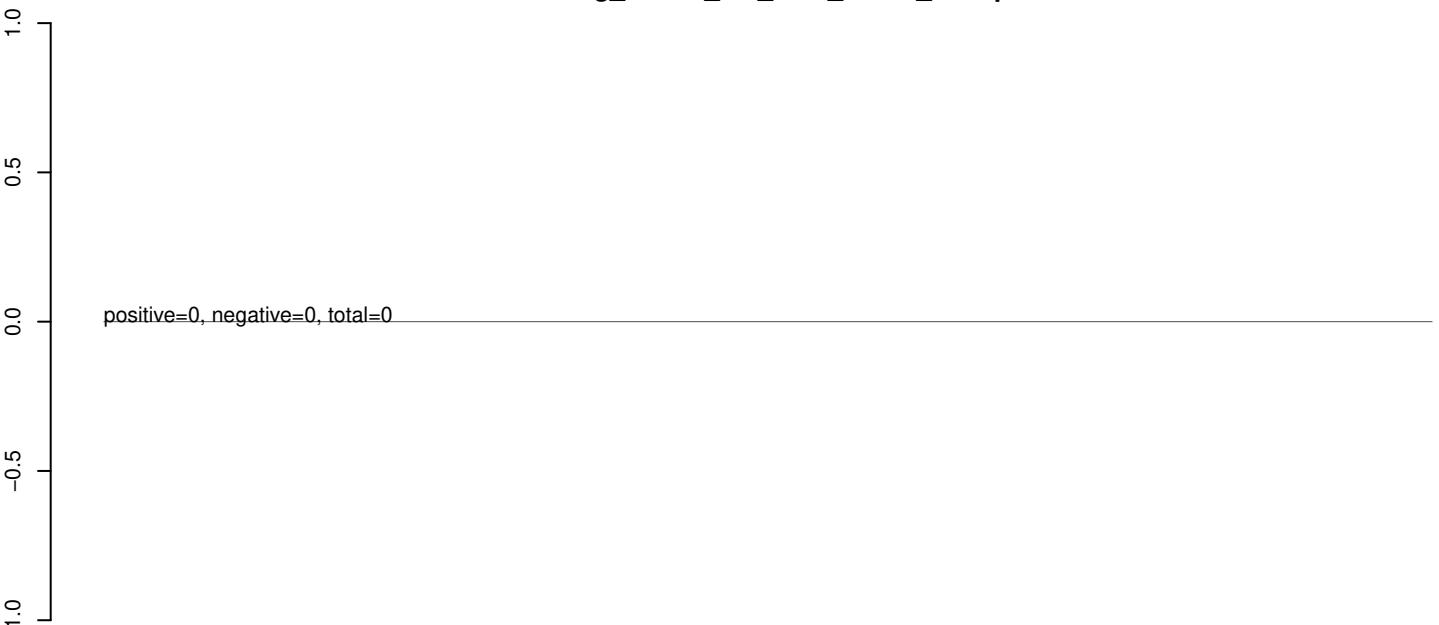
**AeAeg\_Whole\_sm\_r123\_JM.rep**



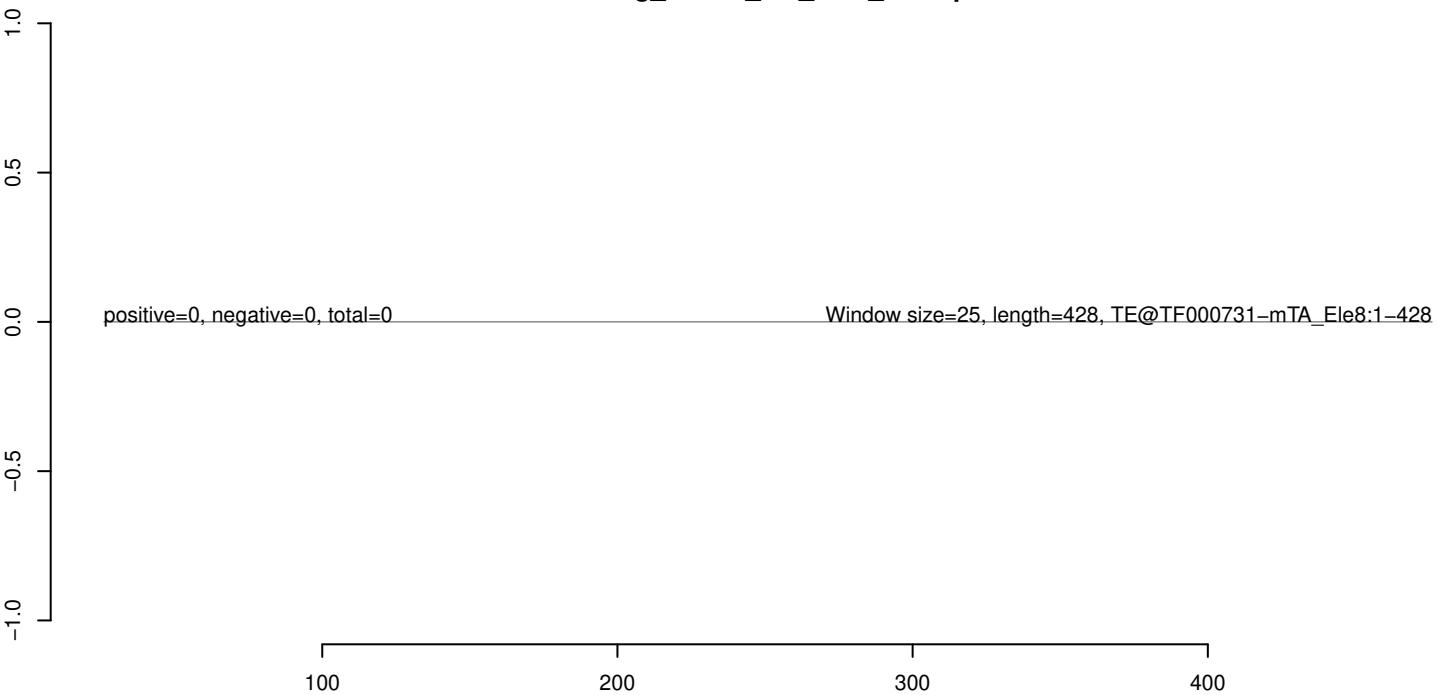
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

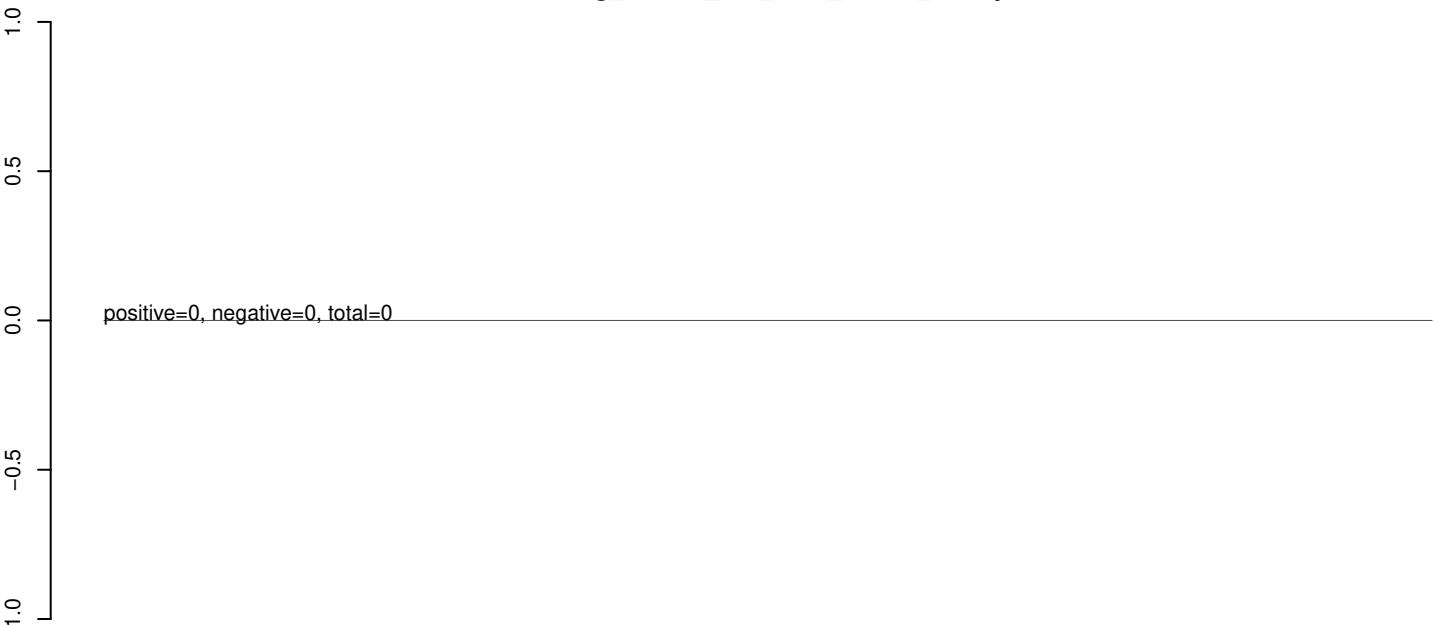
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

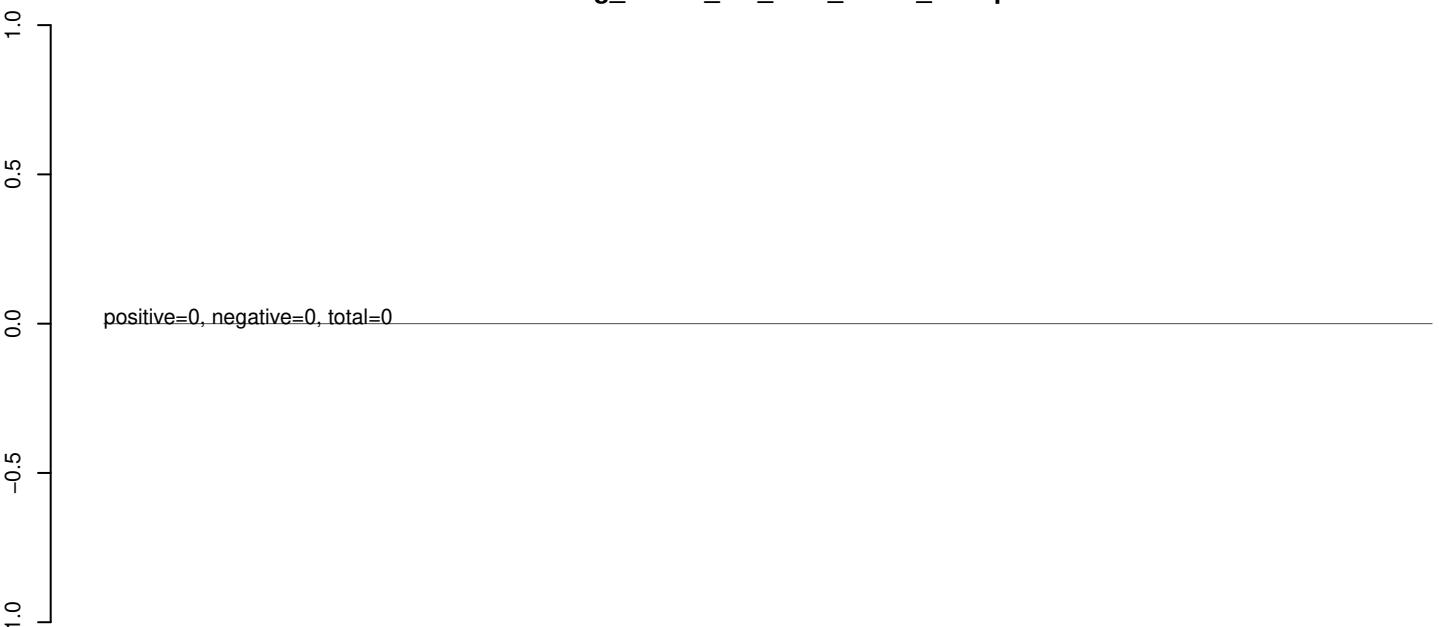
positive=0, negative=0, total=0

Window size=25, length=251, TE@TF000729-mTA\_Ele6:1-251

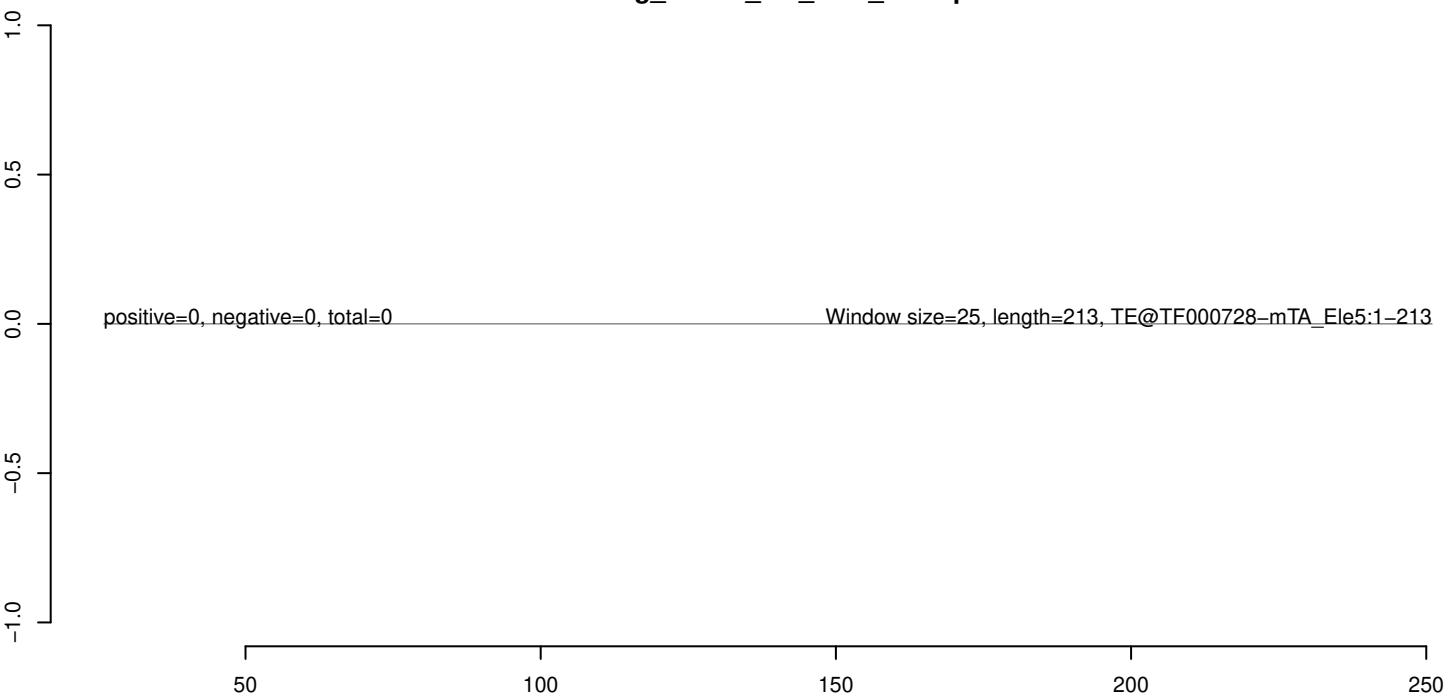
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

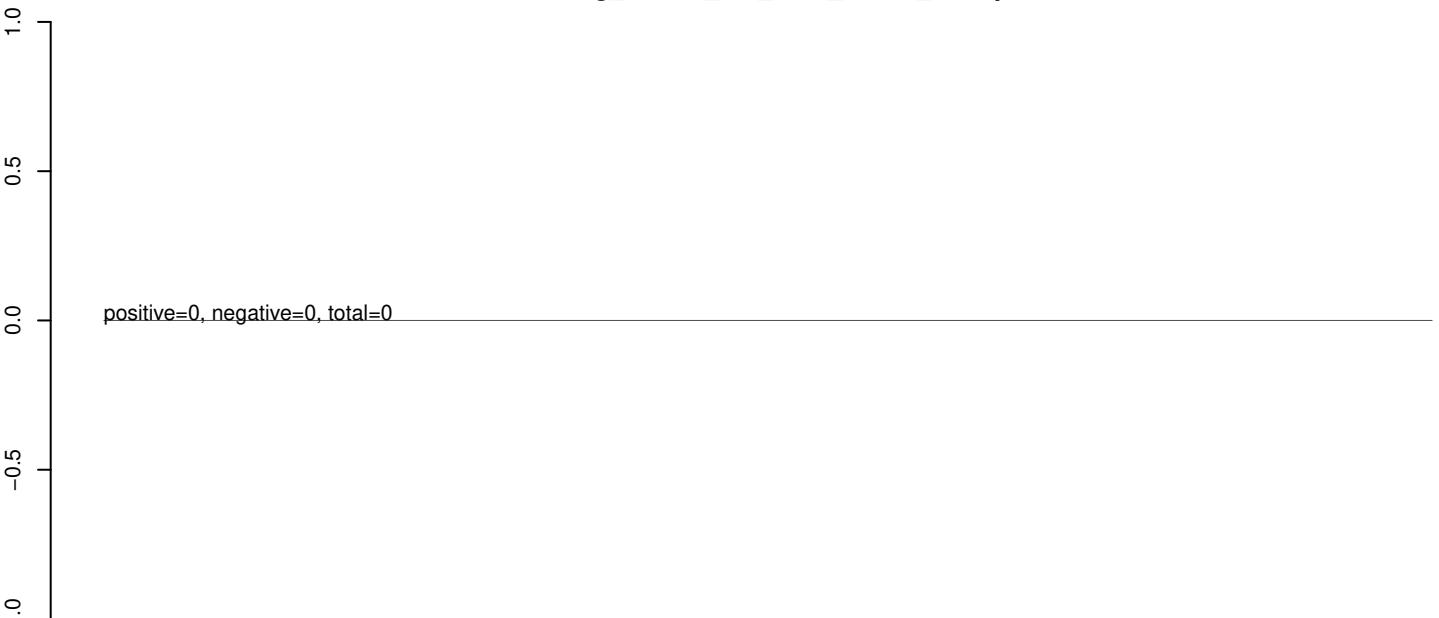
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

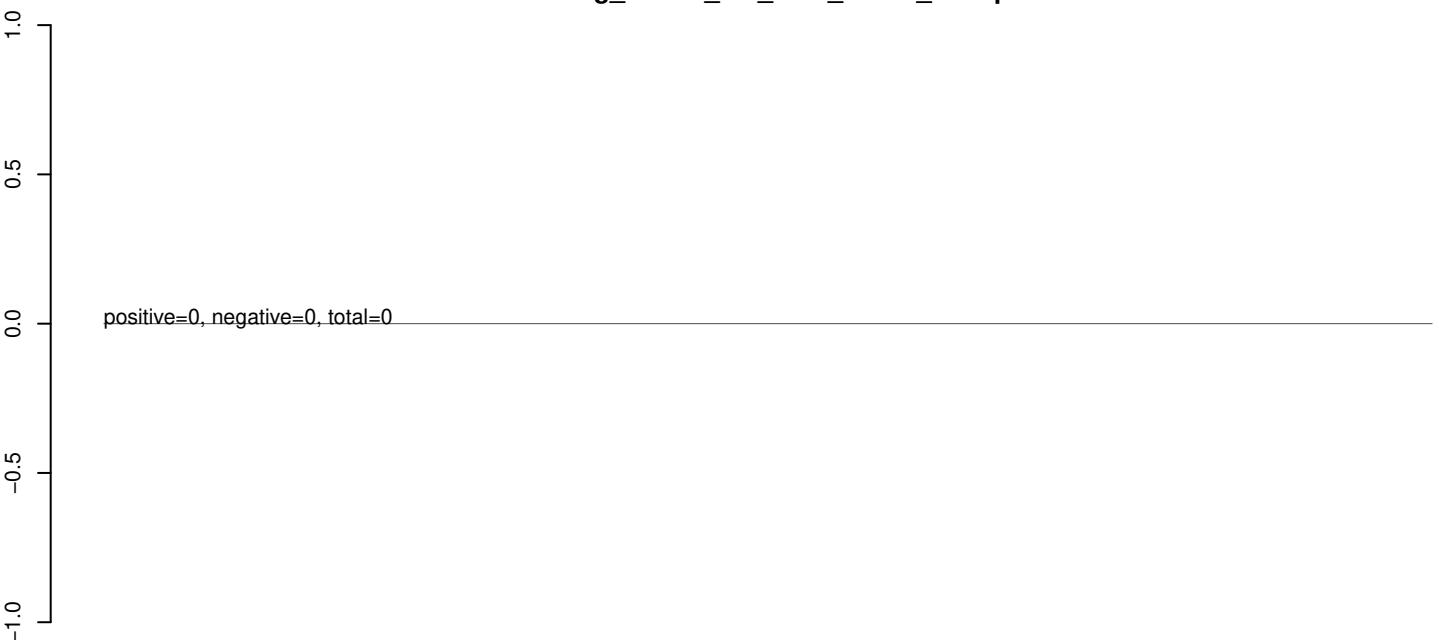
positive=0, negative=0, total=0

Window size=25, length=282, TE@TF000727-m9bp\_Ele2:1-282

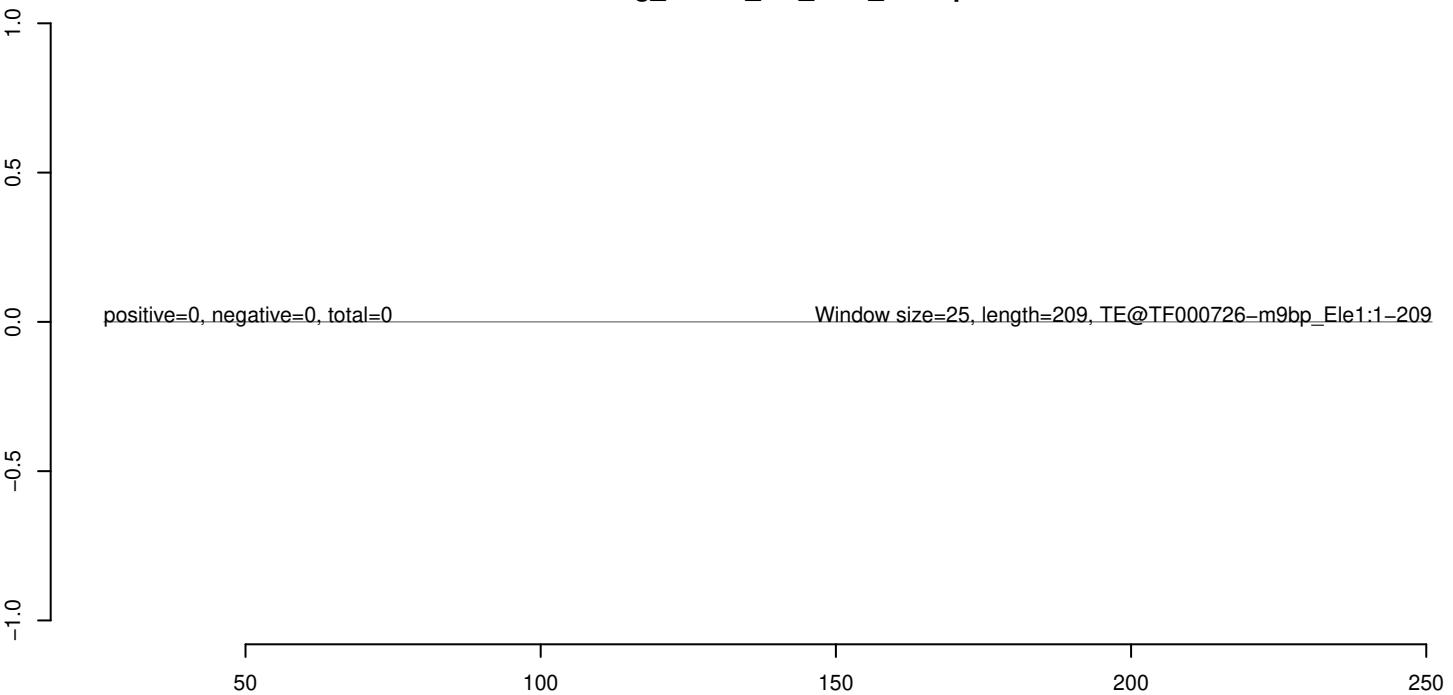
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



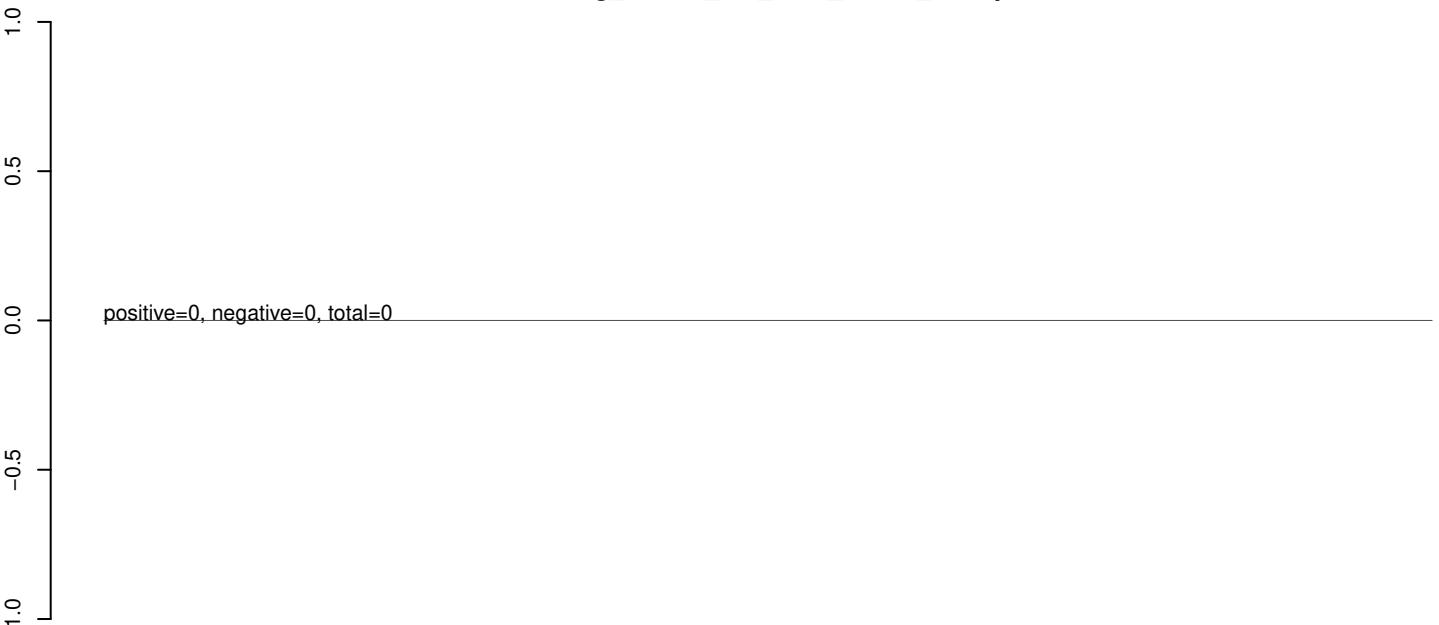
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



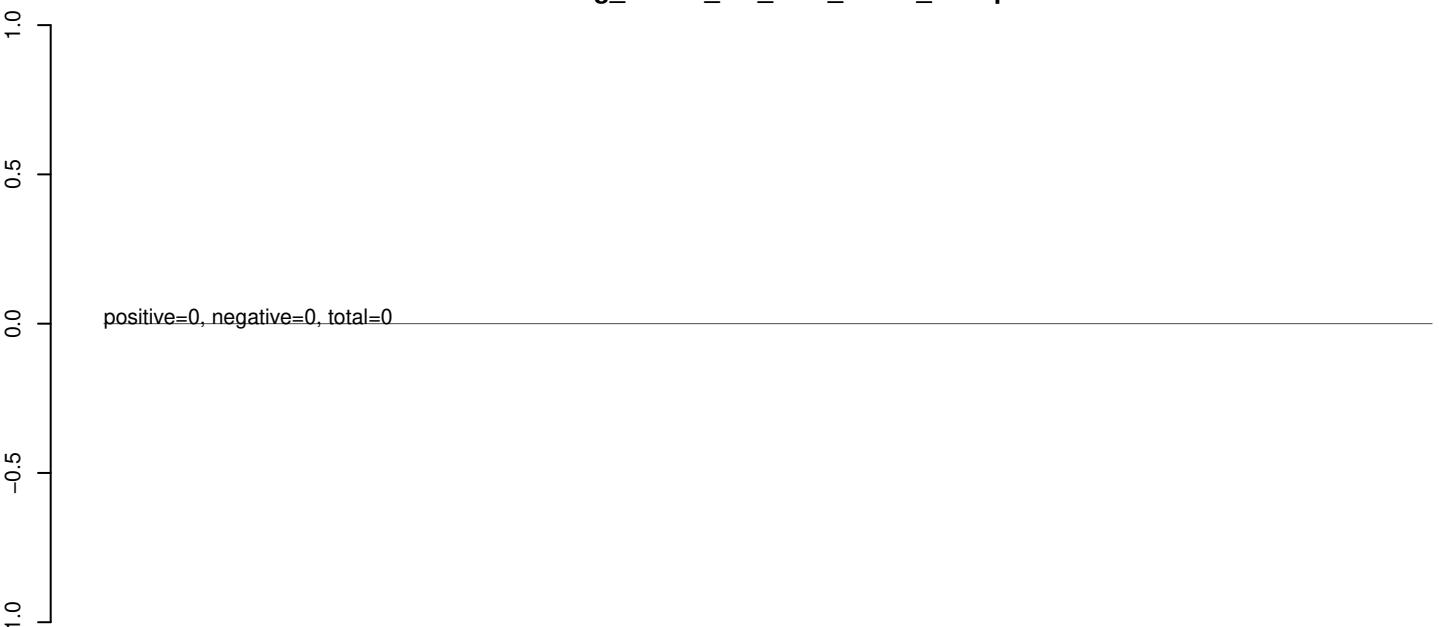
**AeAeg\_Whole\_sm\_r123\_JM.rep**



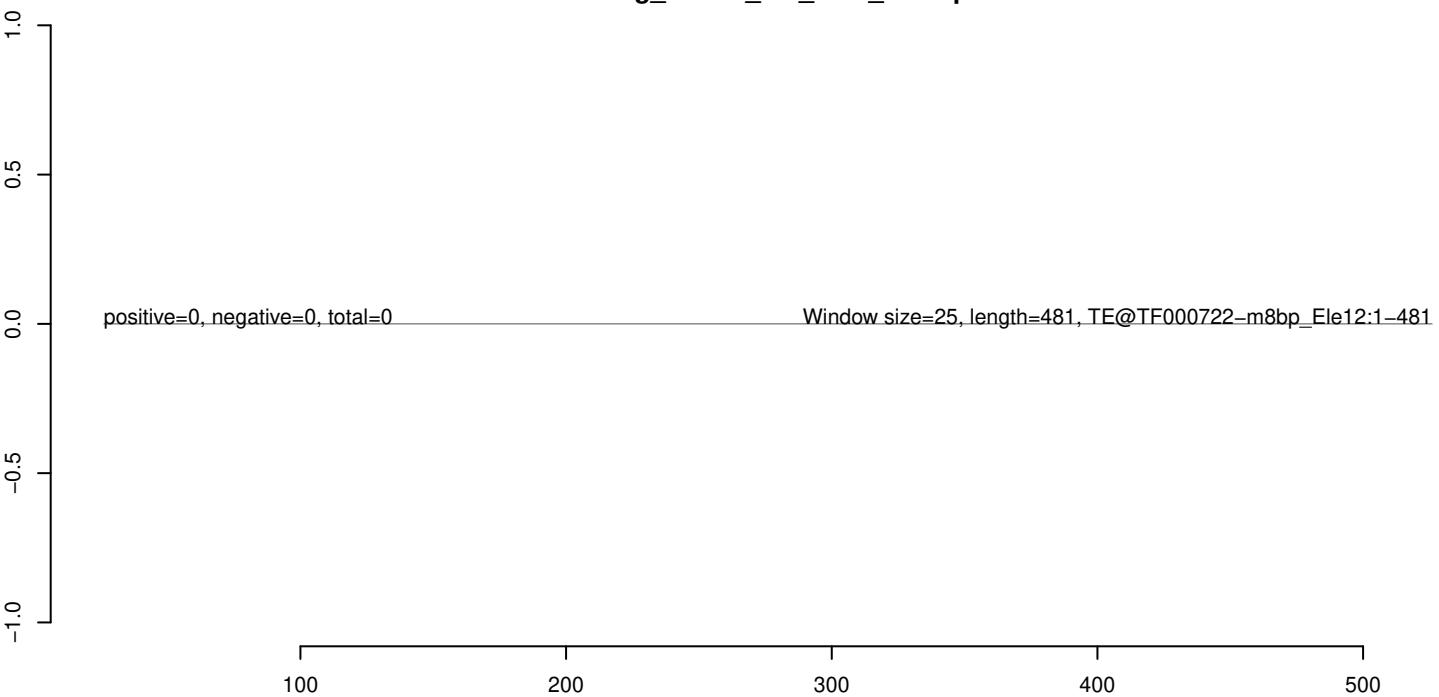
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=470, TE@TF000720-m8bp\_Ele11:1-470

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=397, TE@TF000719-m8bp\_Ele10:1-397

100

200

300

400

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=395, TE@TF000718-m8bp\_Ele9:1-395

100

200

300

400

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

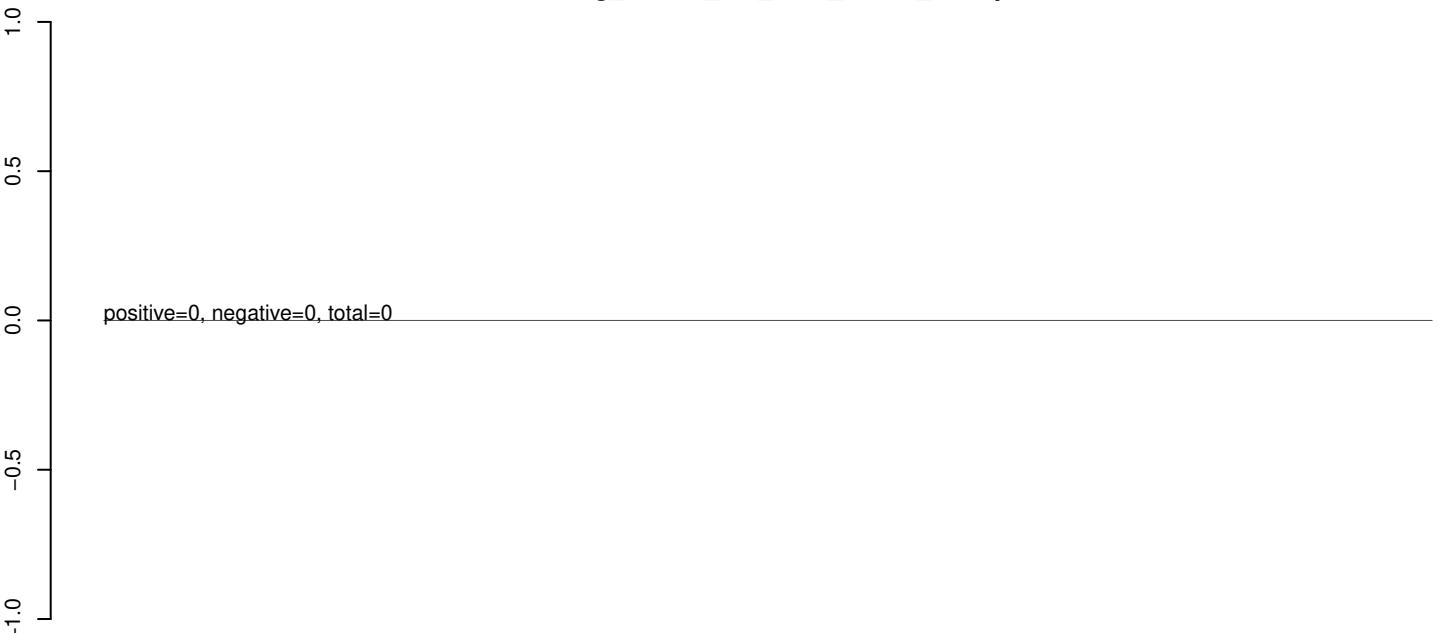
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

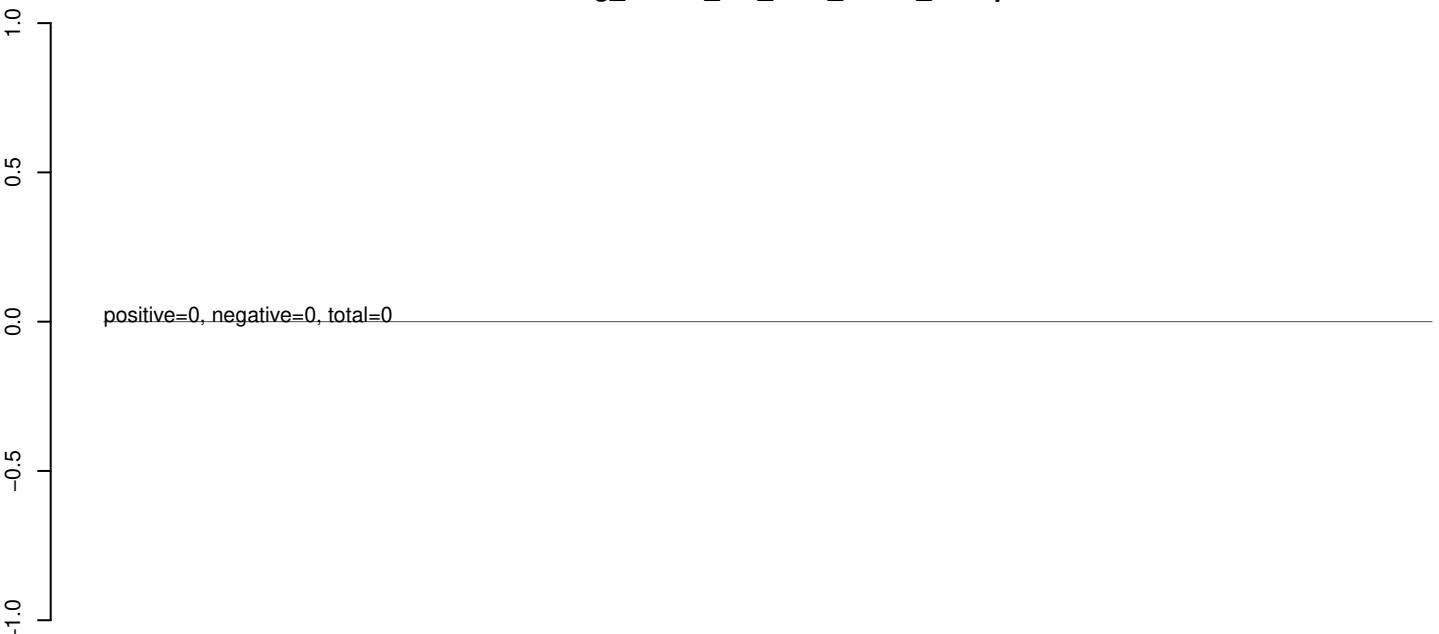
positive=0, negative=0, total=0

Window size=25, length=205, TE@TF000717-m8bp\_Ele8:1-205

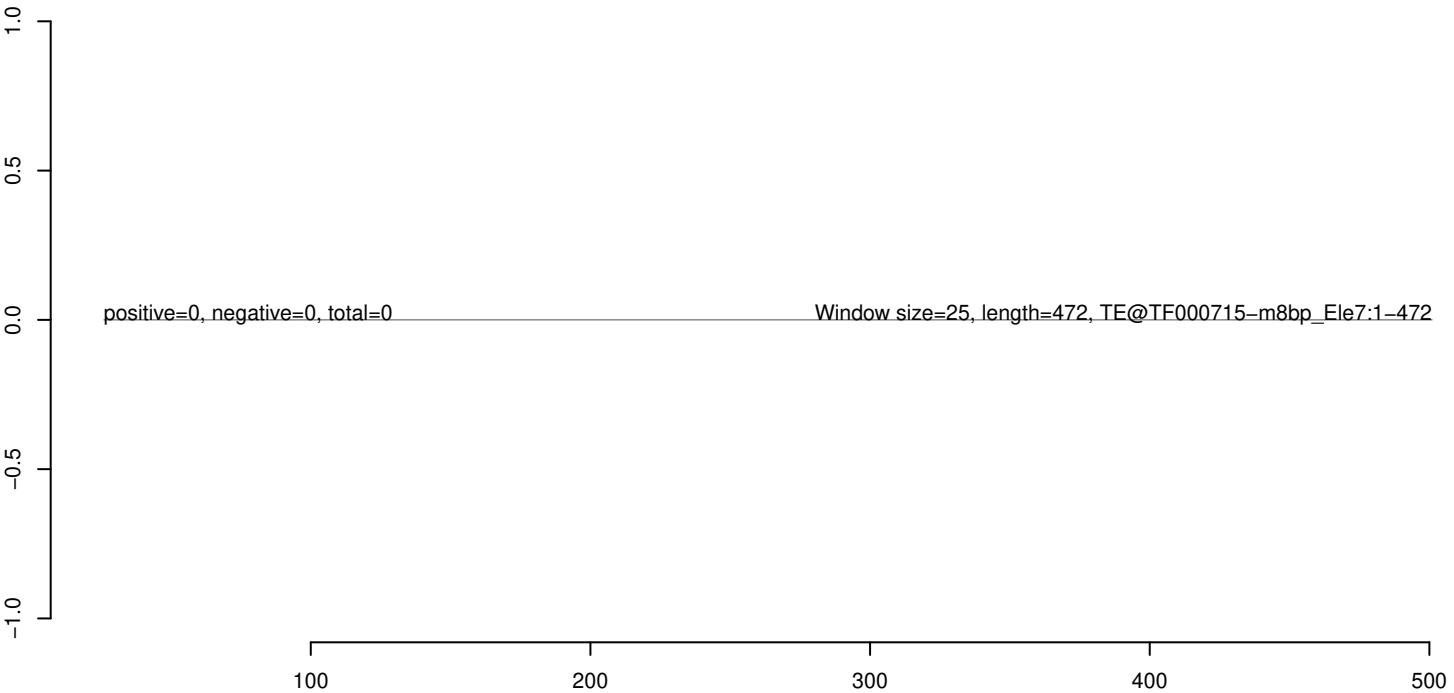
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



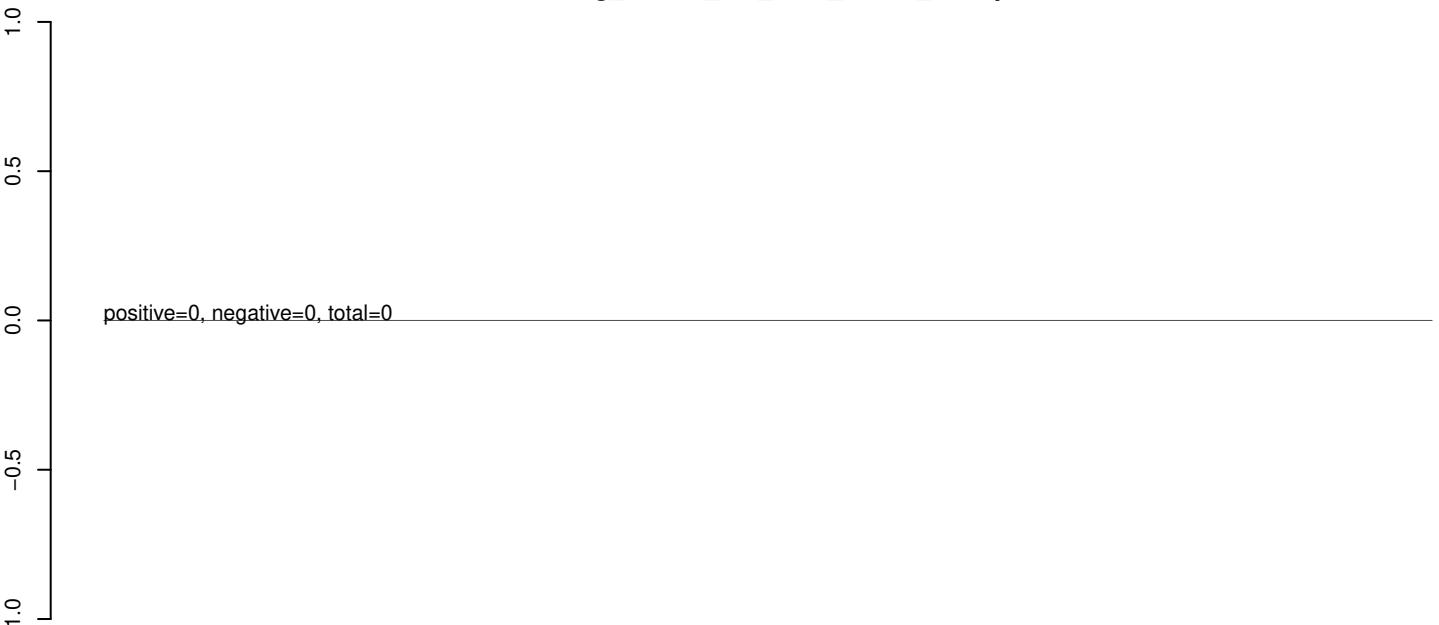
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



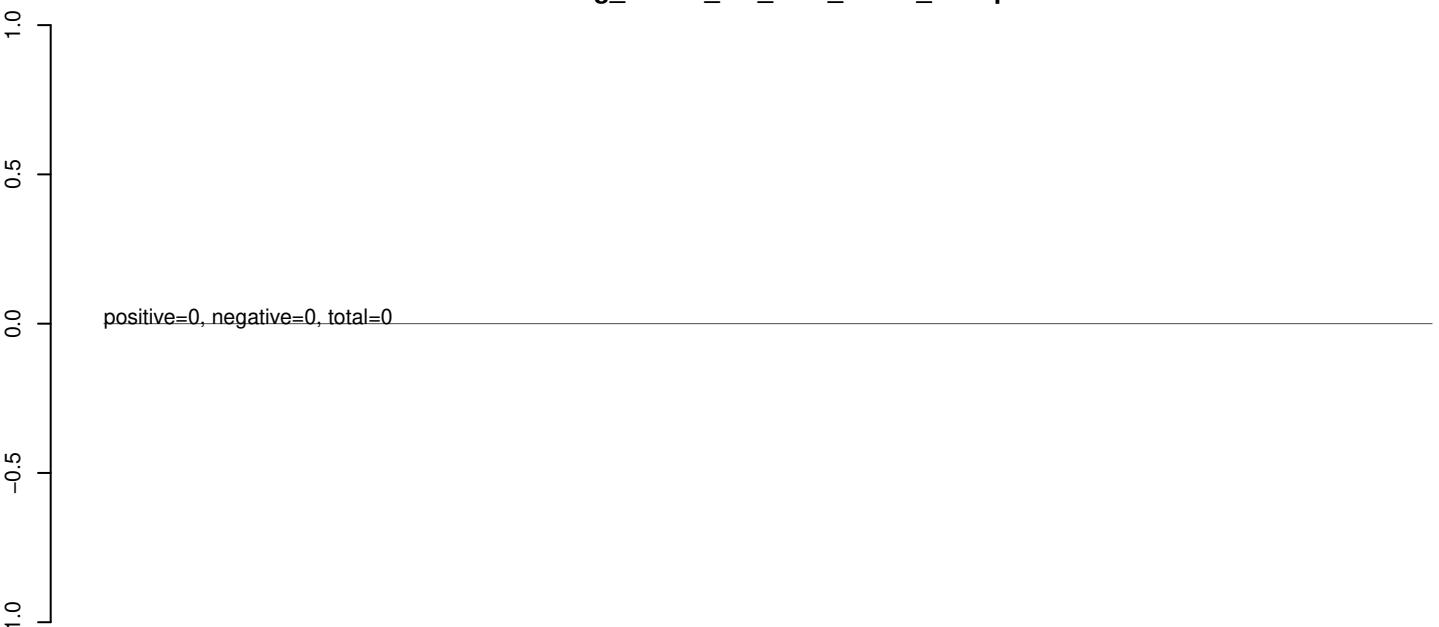
**AeAeg\_Whole\_sm\_r123\_JM.rep**



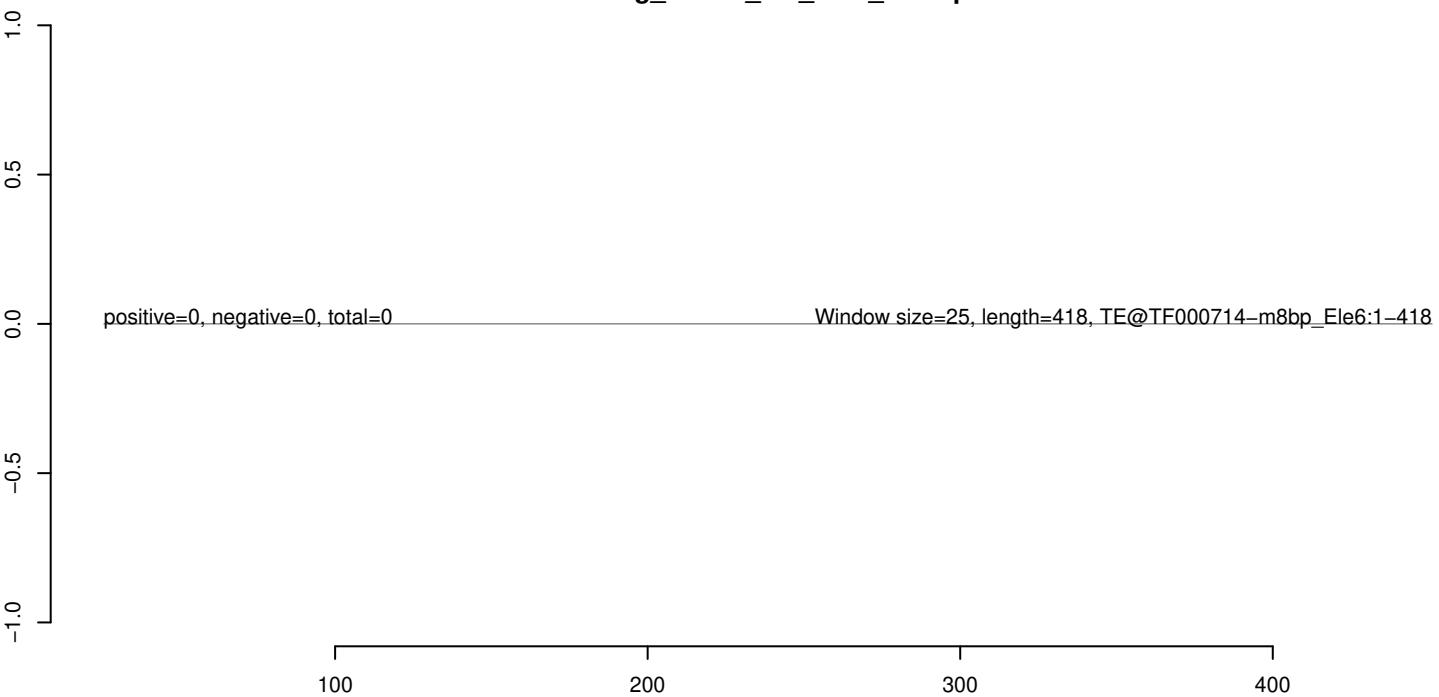
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=431, TE@TF000708-m8bp\_Ele5:1-431

100

200

300

400

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=439, TE@TF000706-m8bp\_Ele4:1-439

100

200

300

400

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

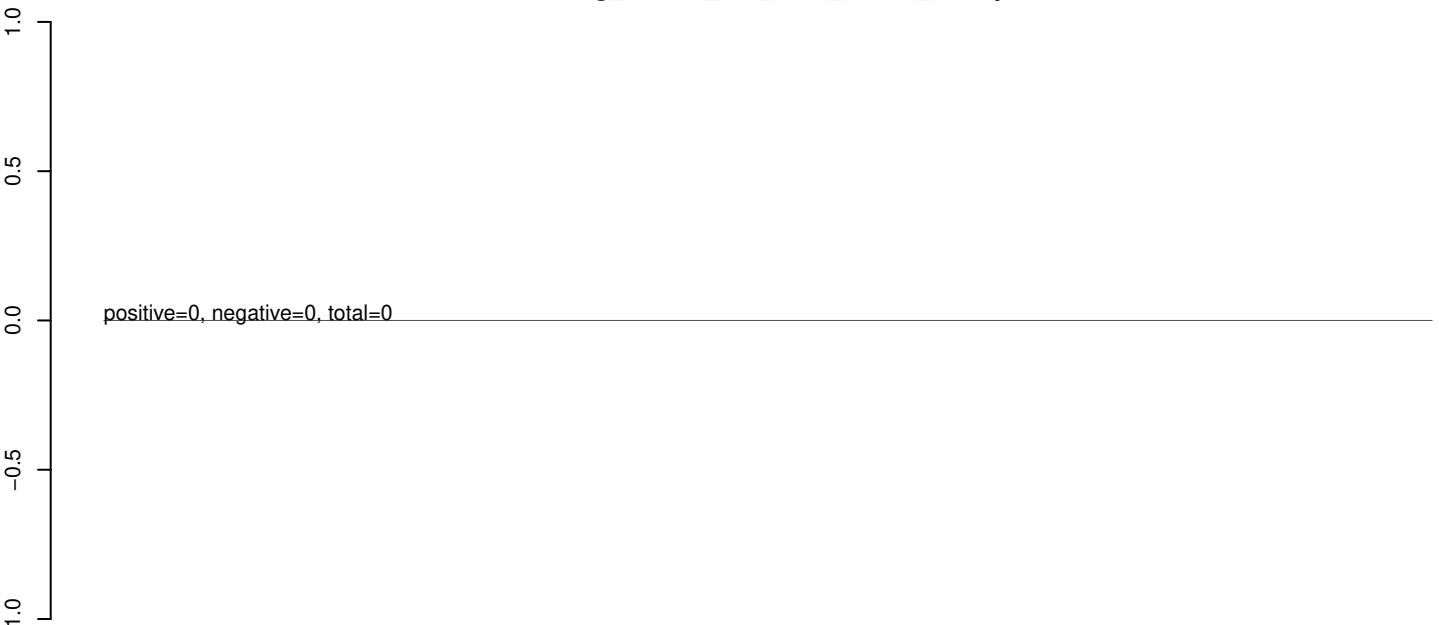
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

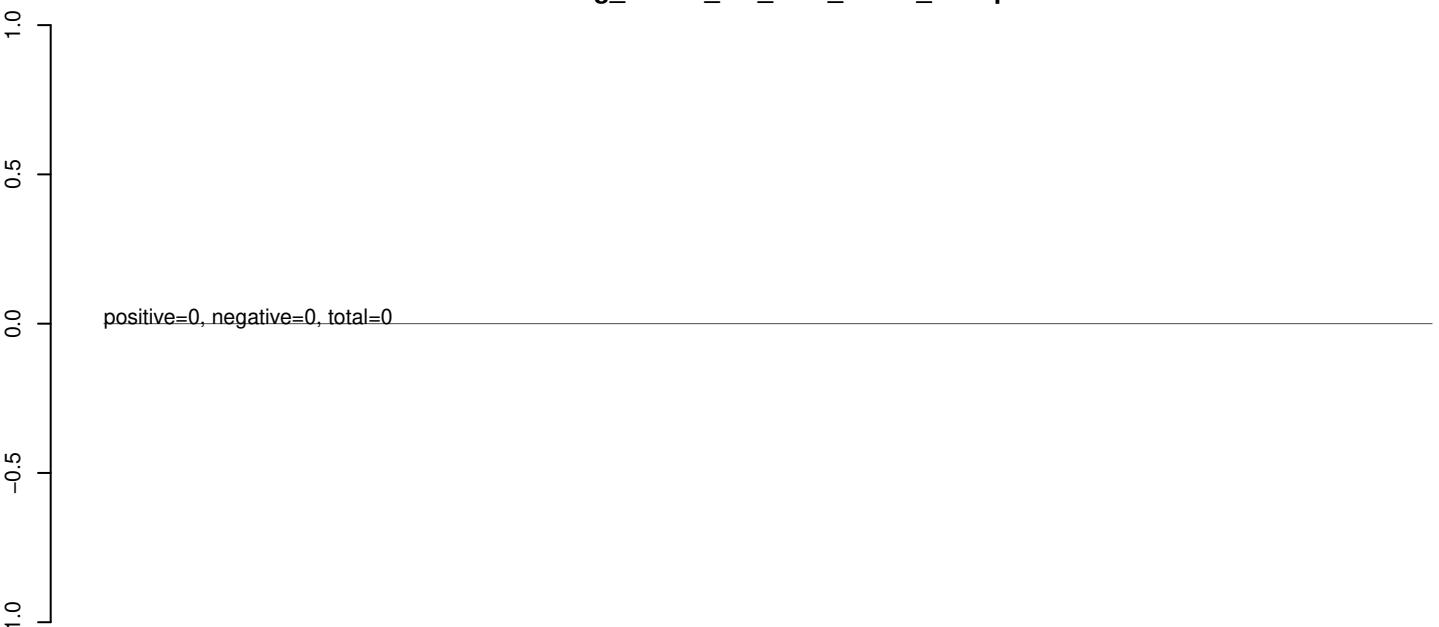
Window size=25, length=348, TE@TF000700-m8bp\_Ele2:1-348

50 100 150 200 250 300 350

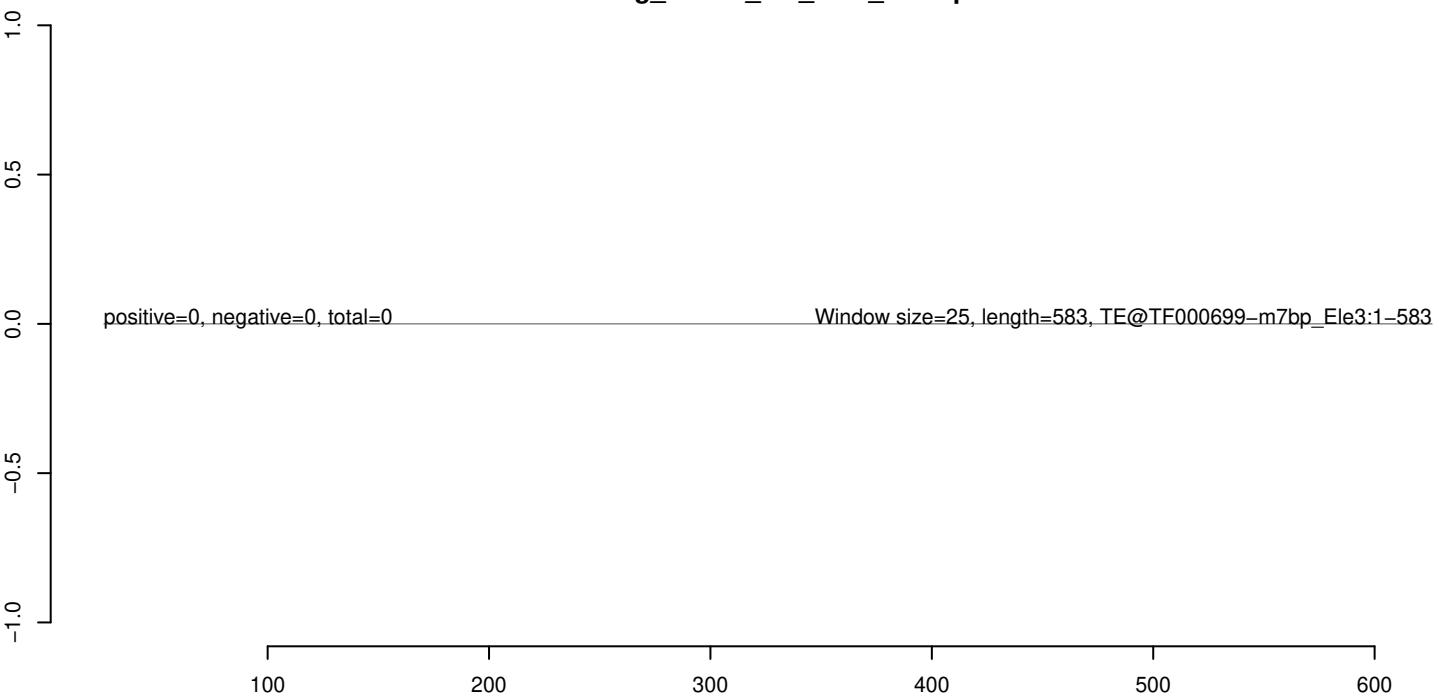
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



100 200 300 400 500 600

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

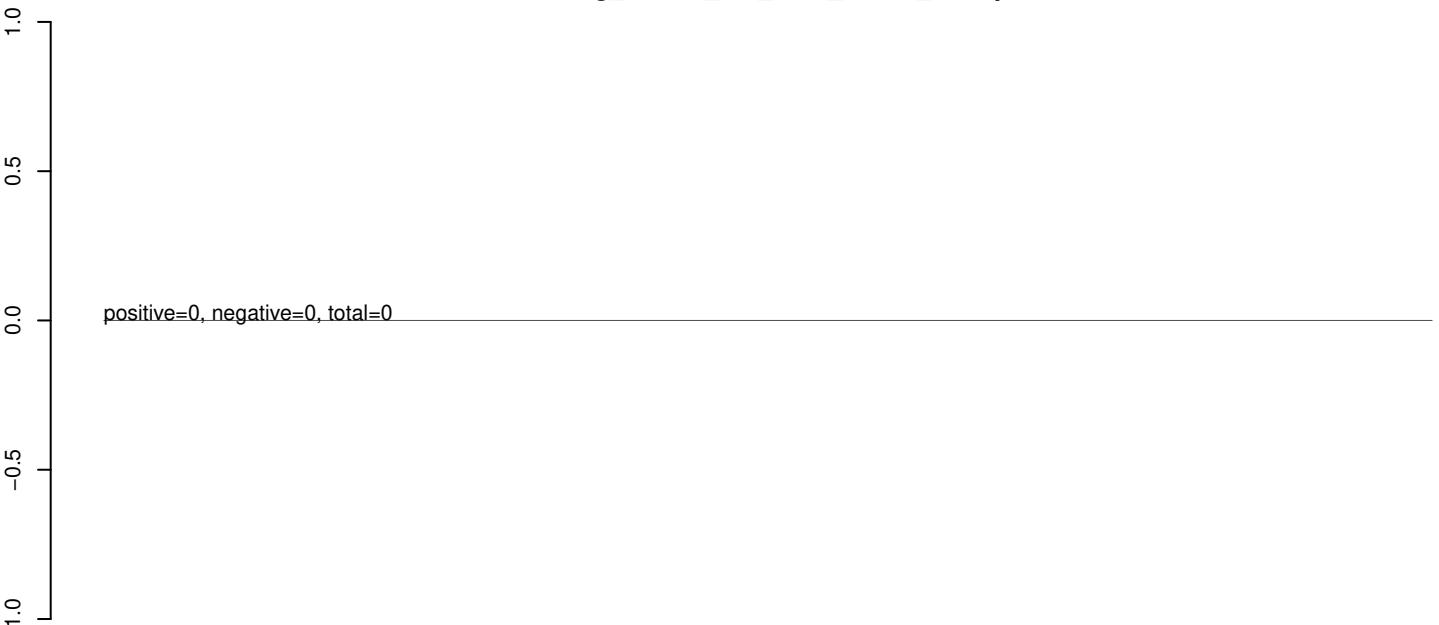
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

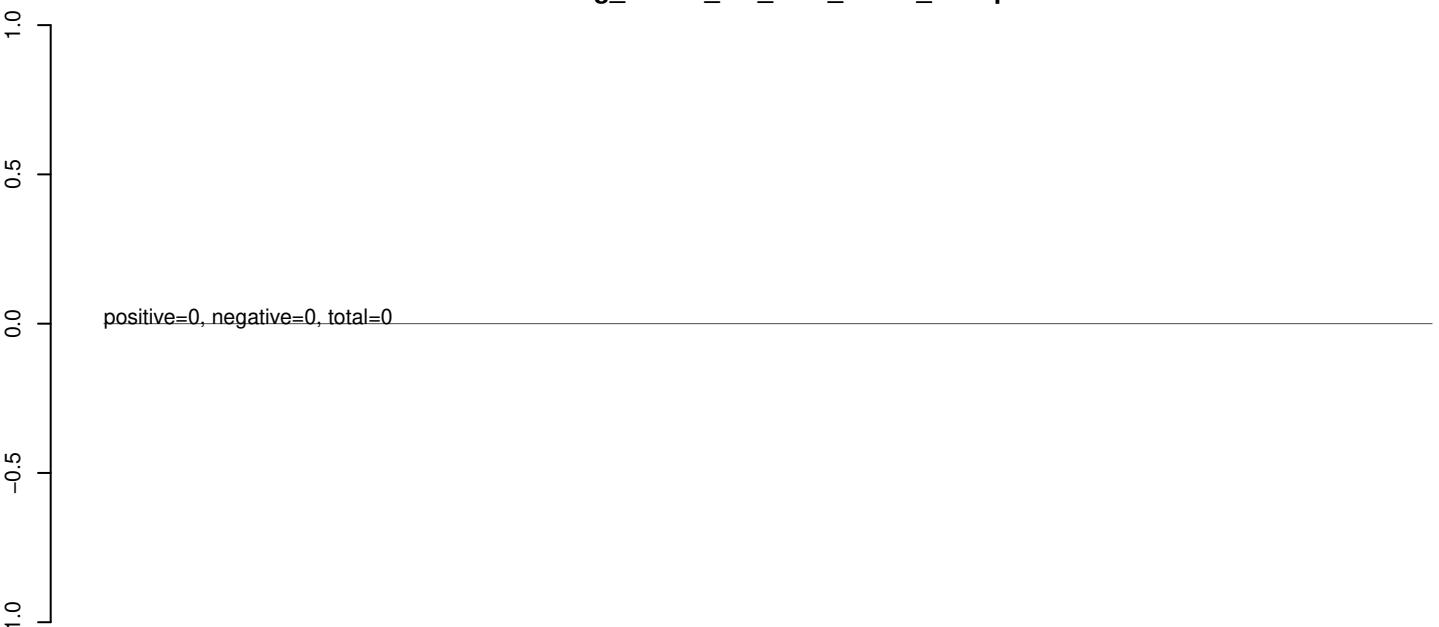
Window size=25, length=232, TE@TF000692-m4bp\_Ele10:1-232

50 100 150 200 250

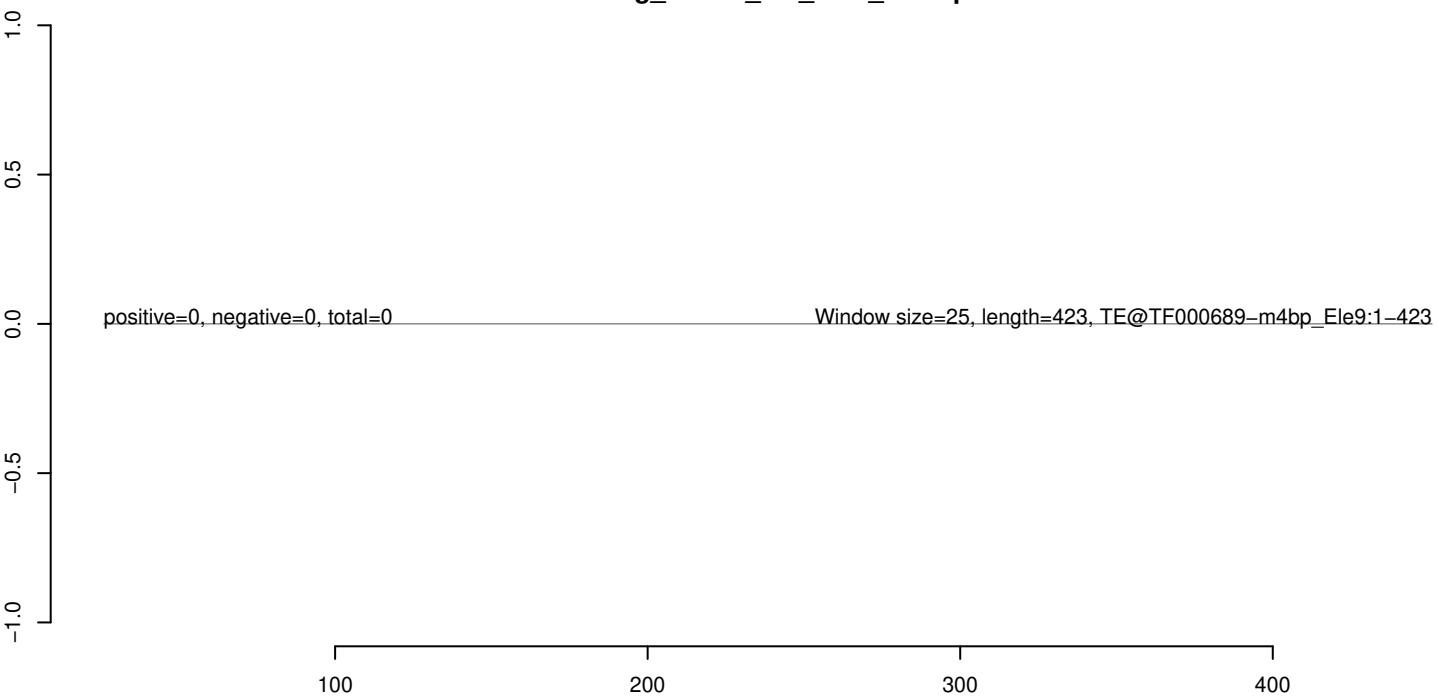
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=316, TE@TF000676-m3bp\_Ele5:1-316

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

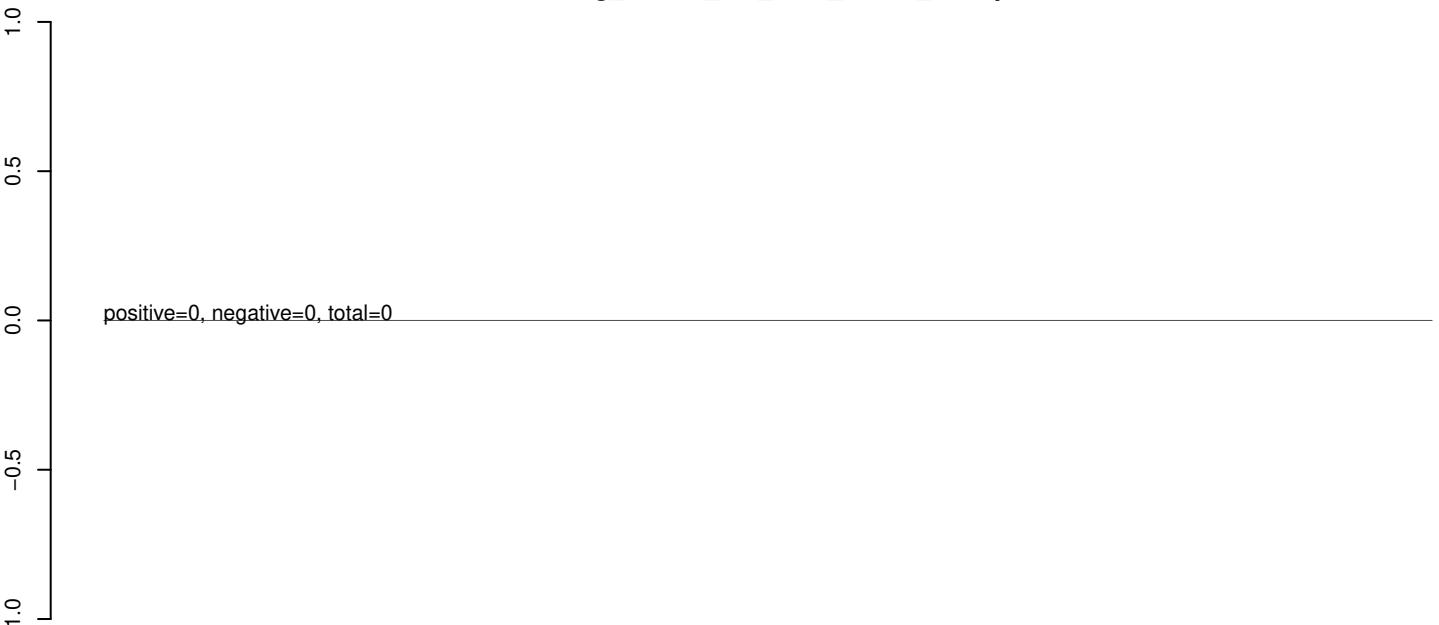
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

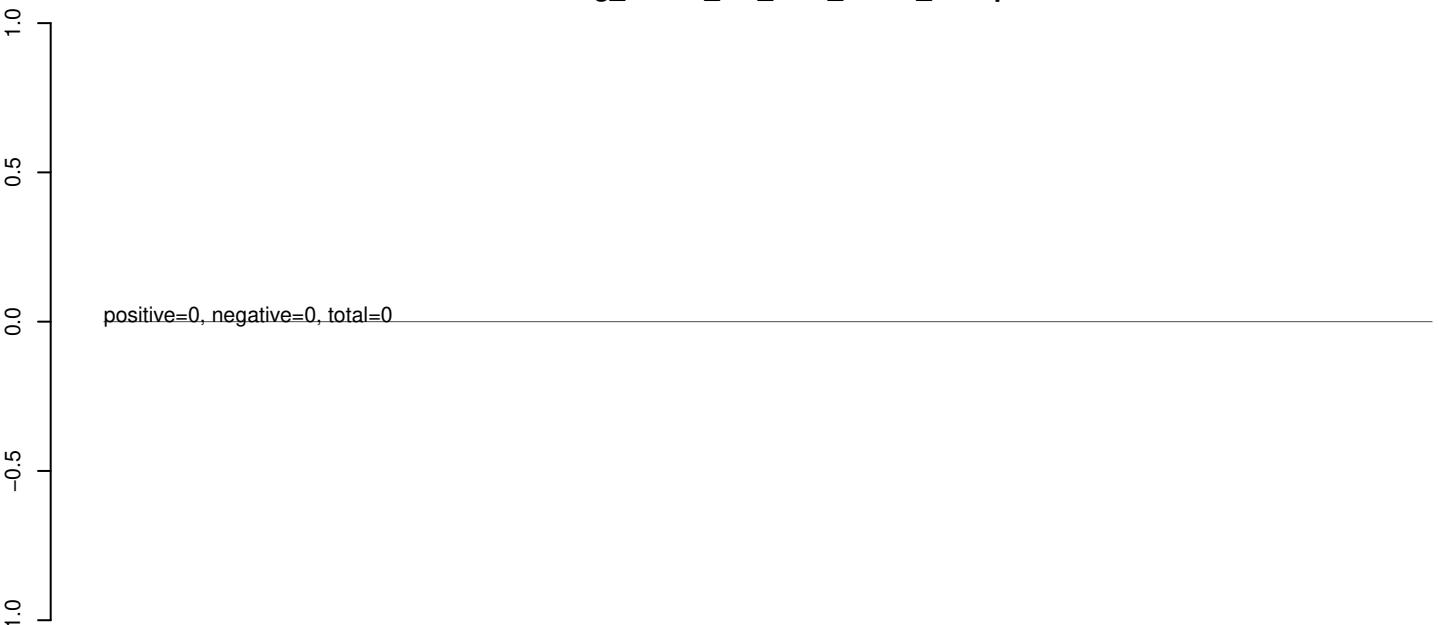
positive=0, negative=0, total=0

Window size=25, length=210, TE@TF000665-m3bp\_Ele2:1-210

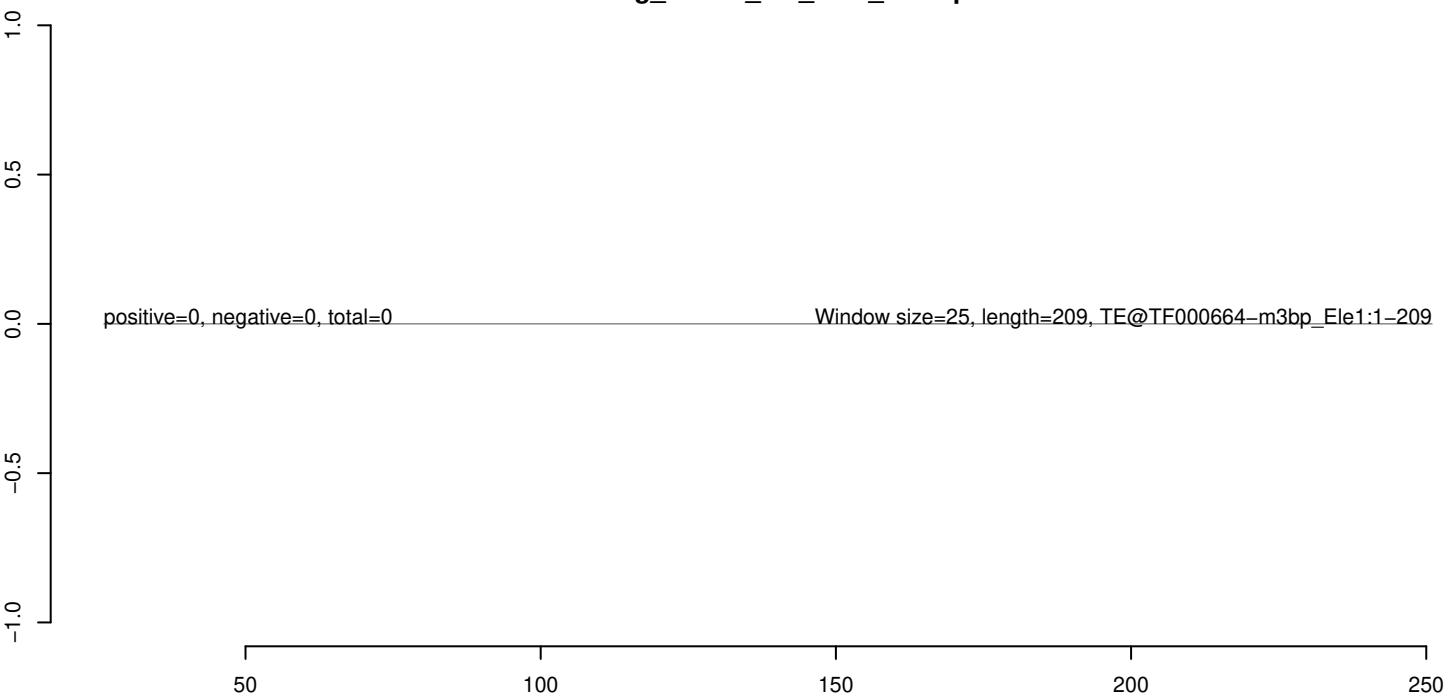
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



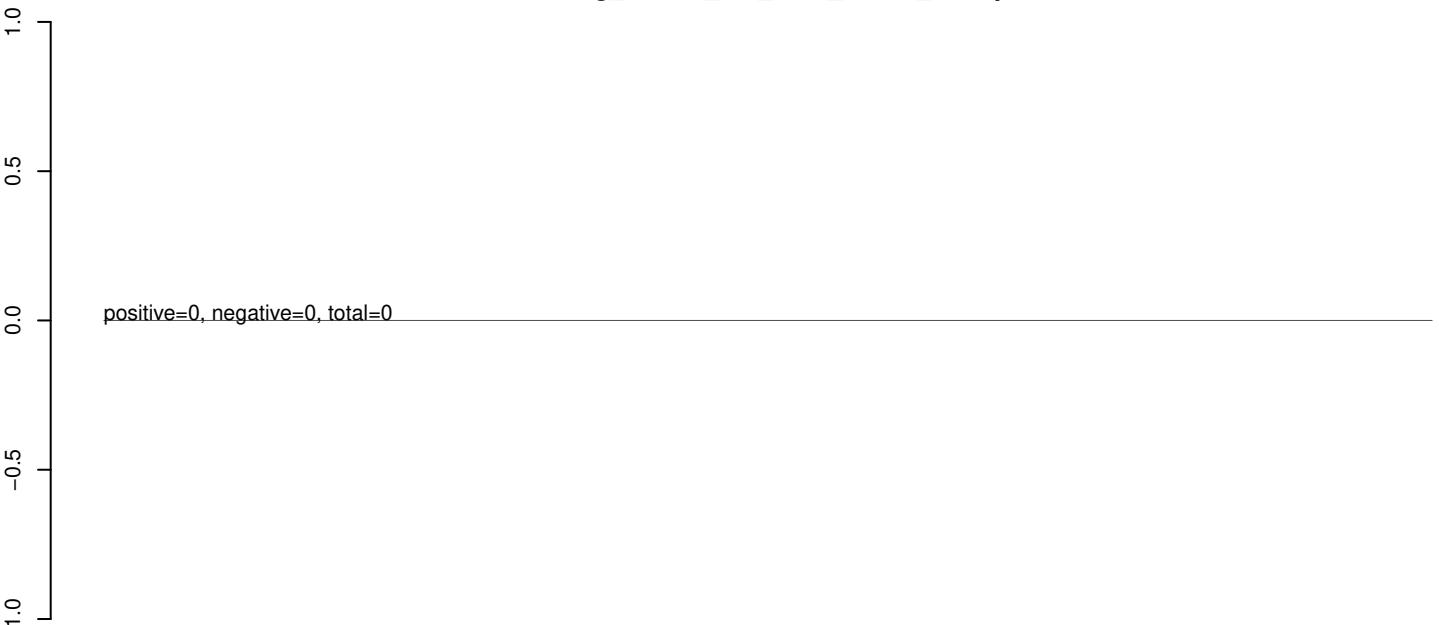
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



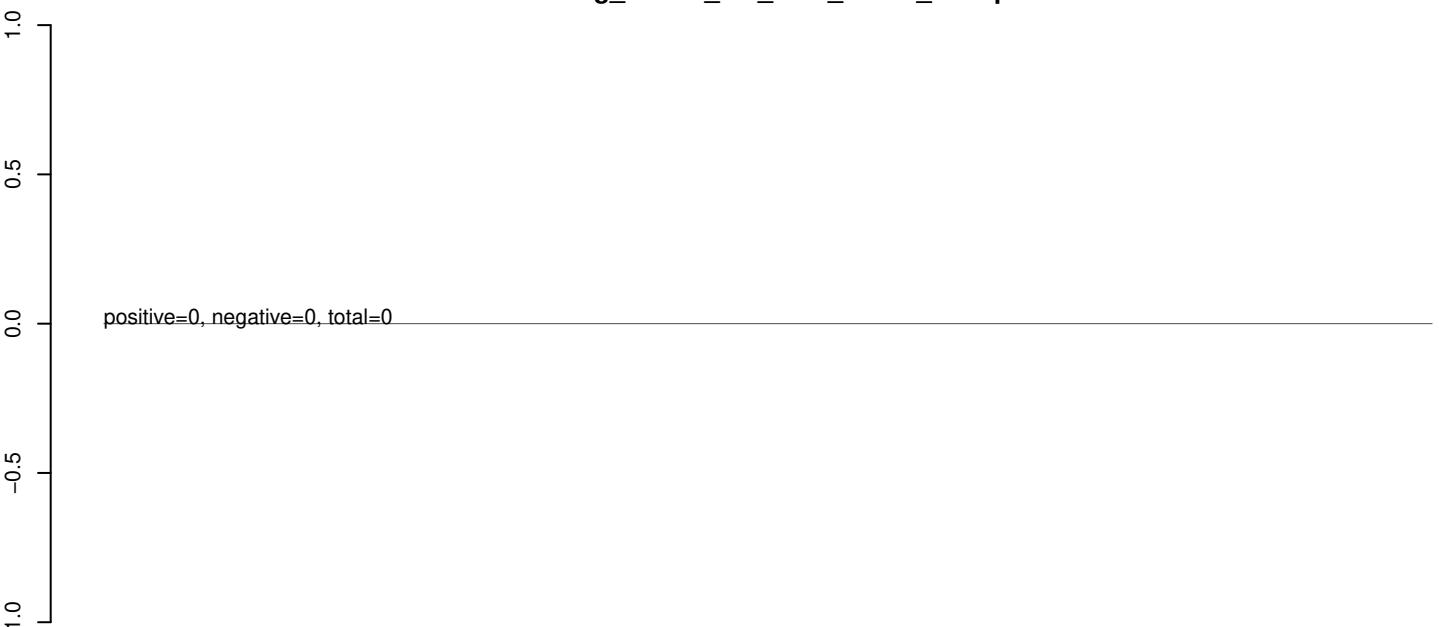
**AeAeg\_Whole\_sm\_r123\_JM.rep**



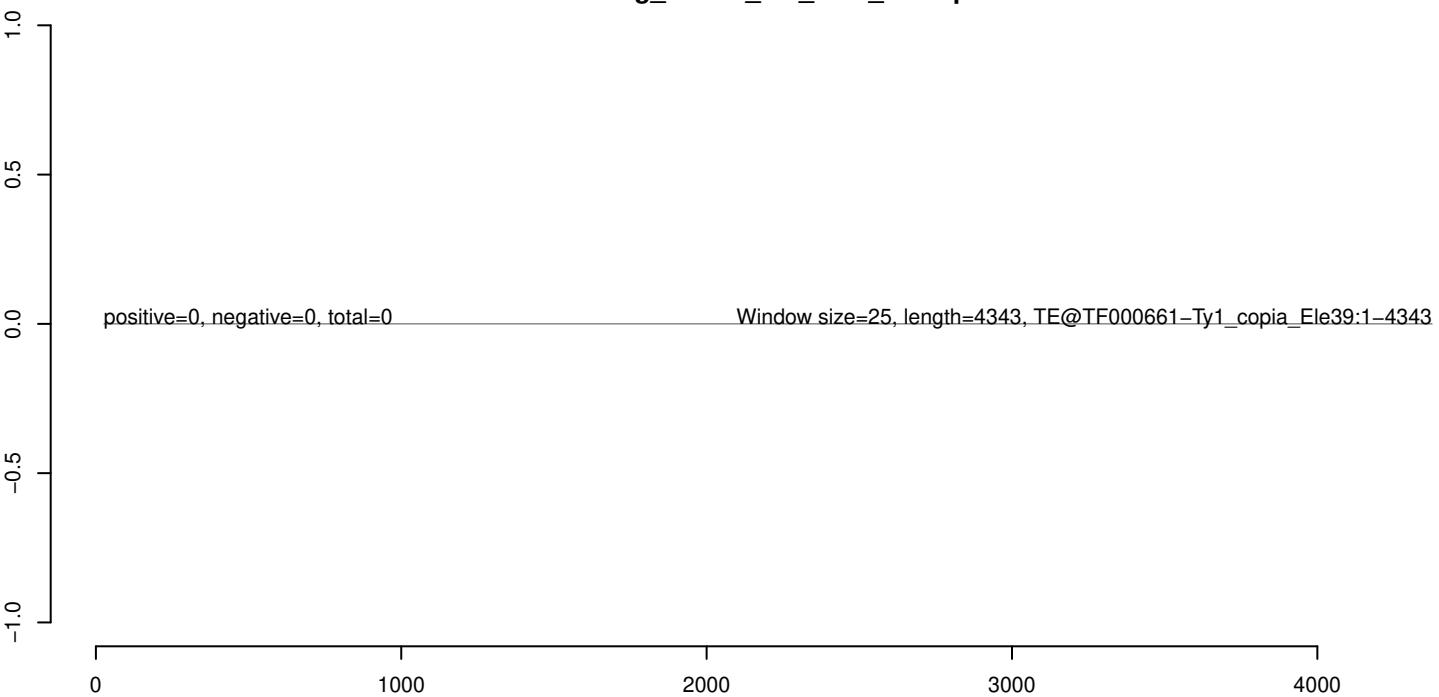
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



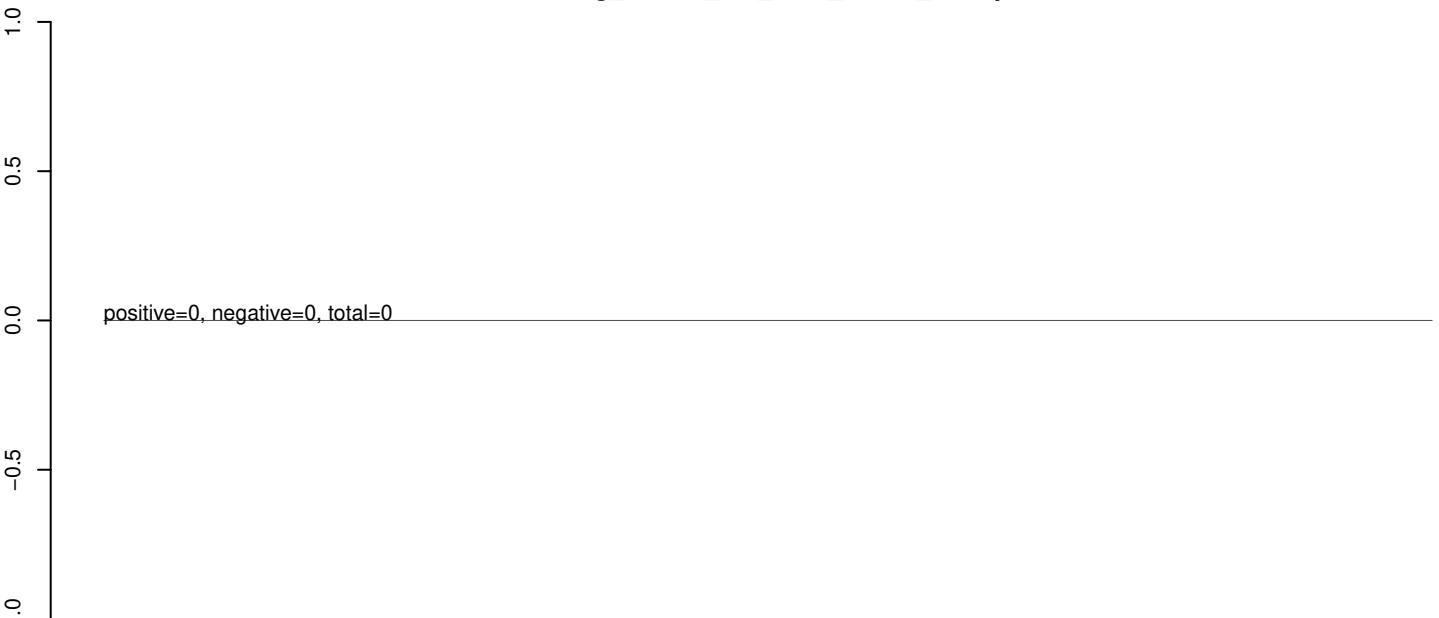
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



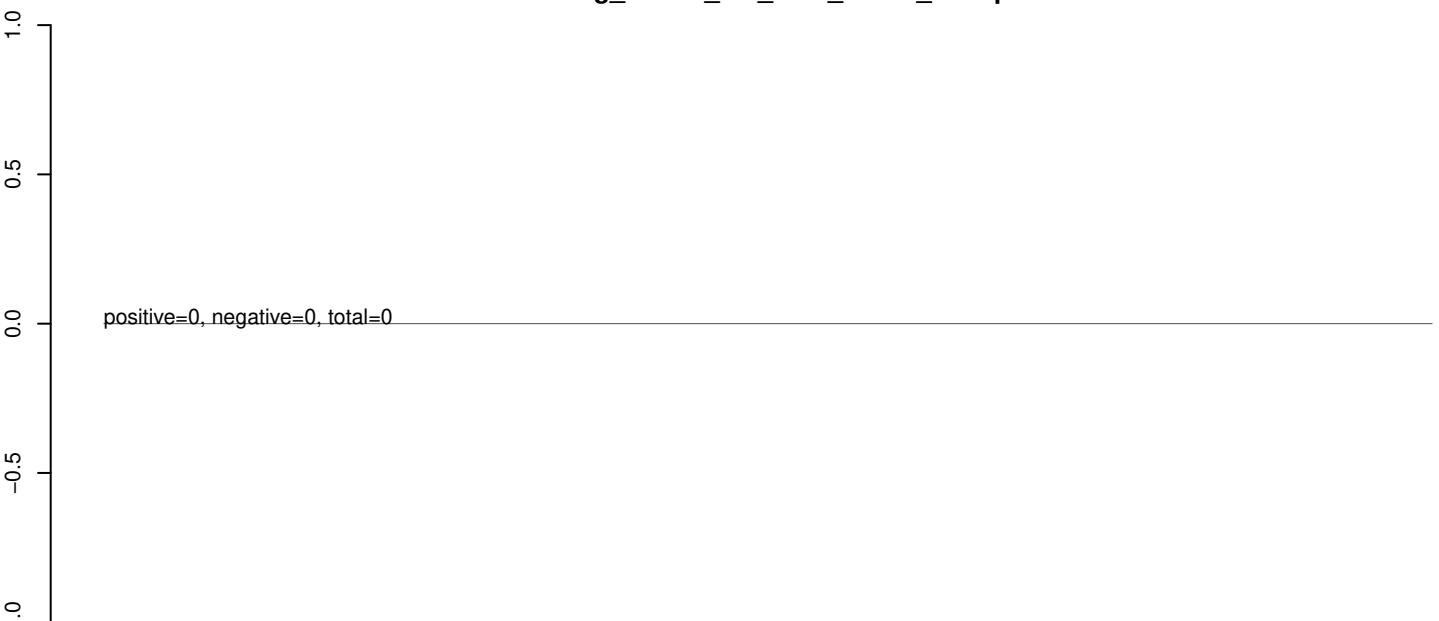
**AeAeg\_Whole\_sm\_r123\_JM.rep**



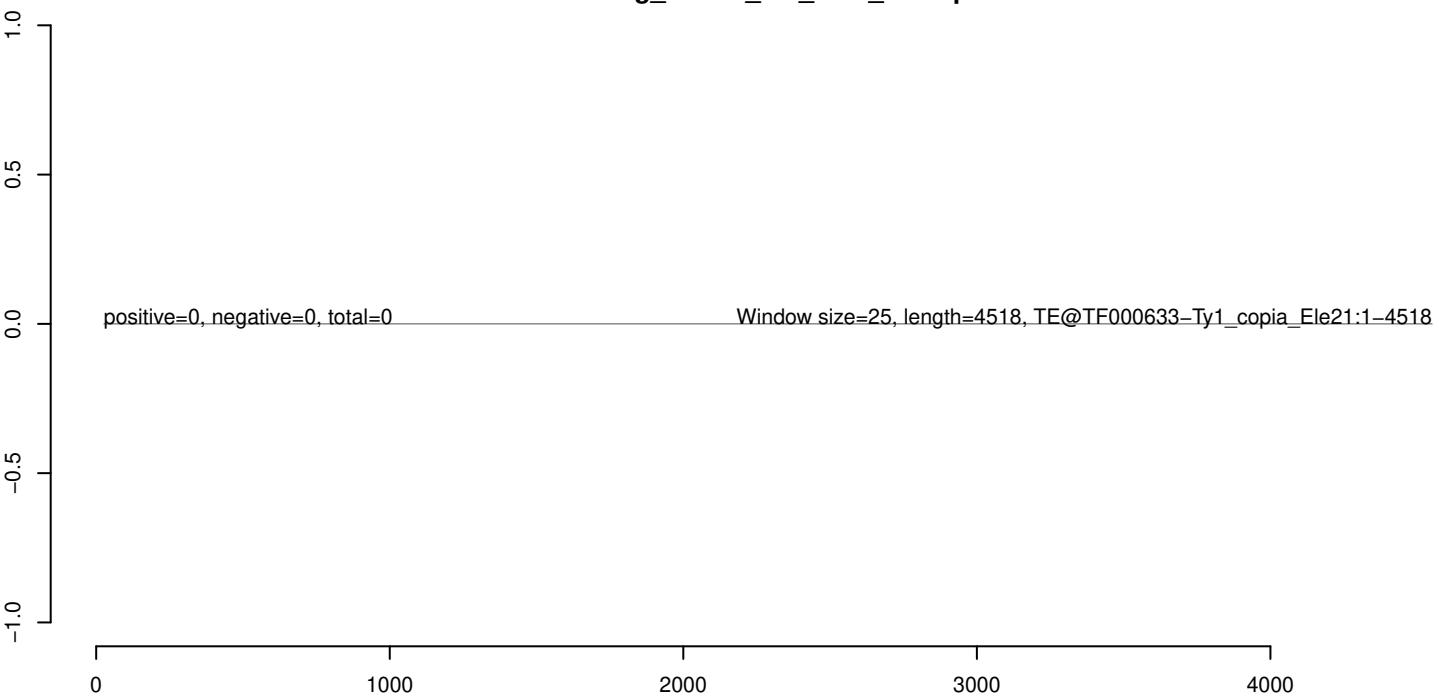
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



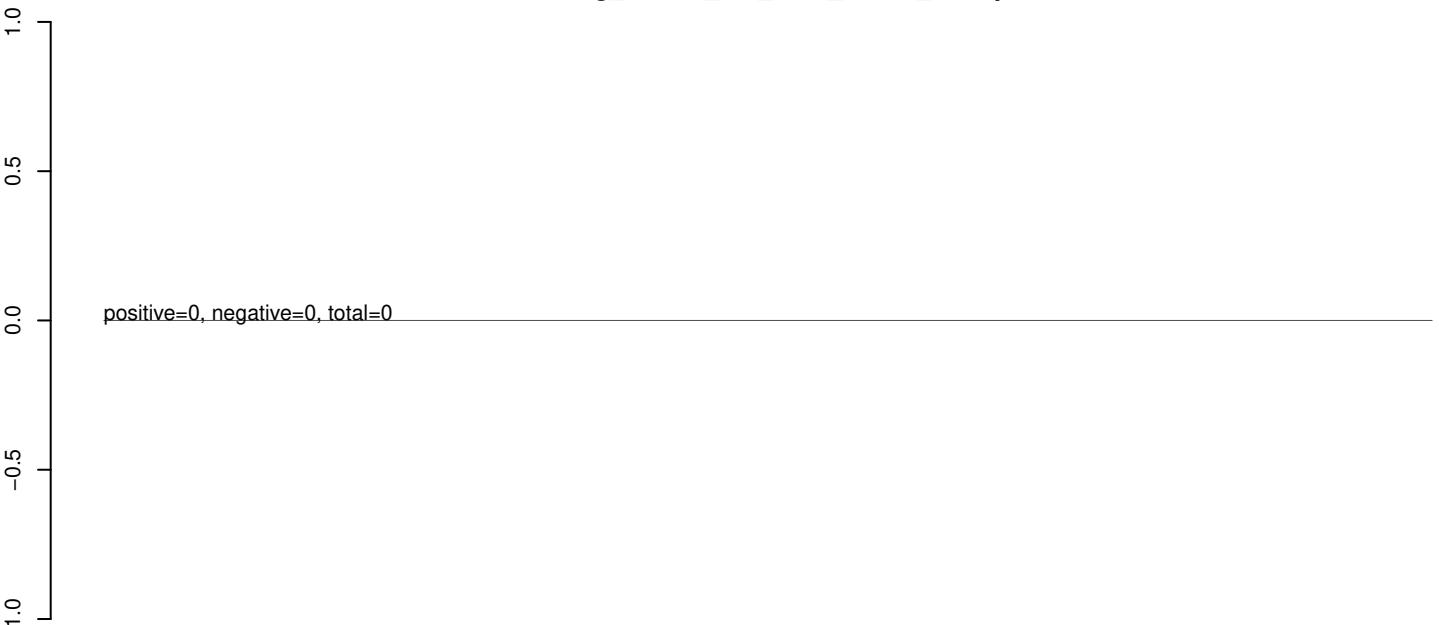
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



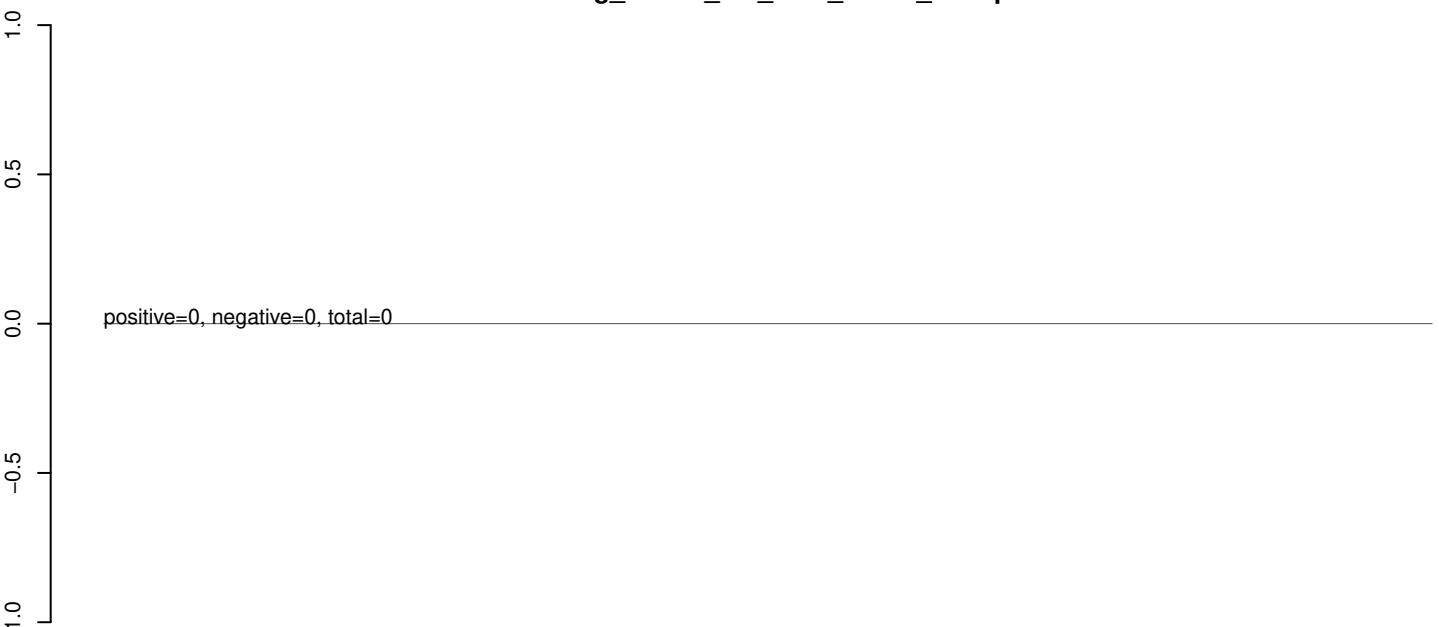
**AeAeg\_Whole\_sm\_r123\_JM.rep**



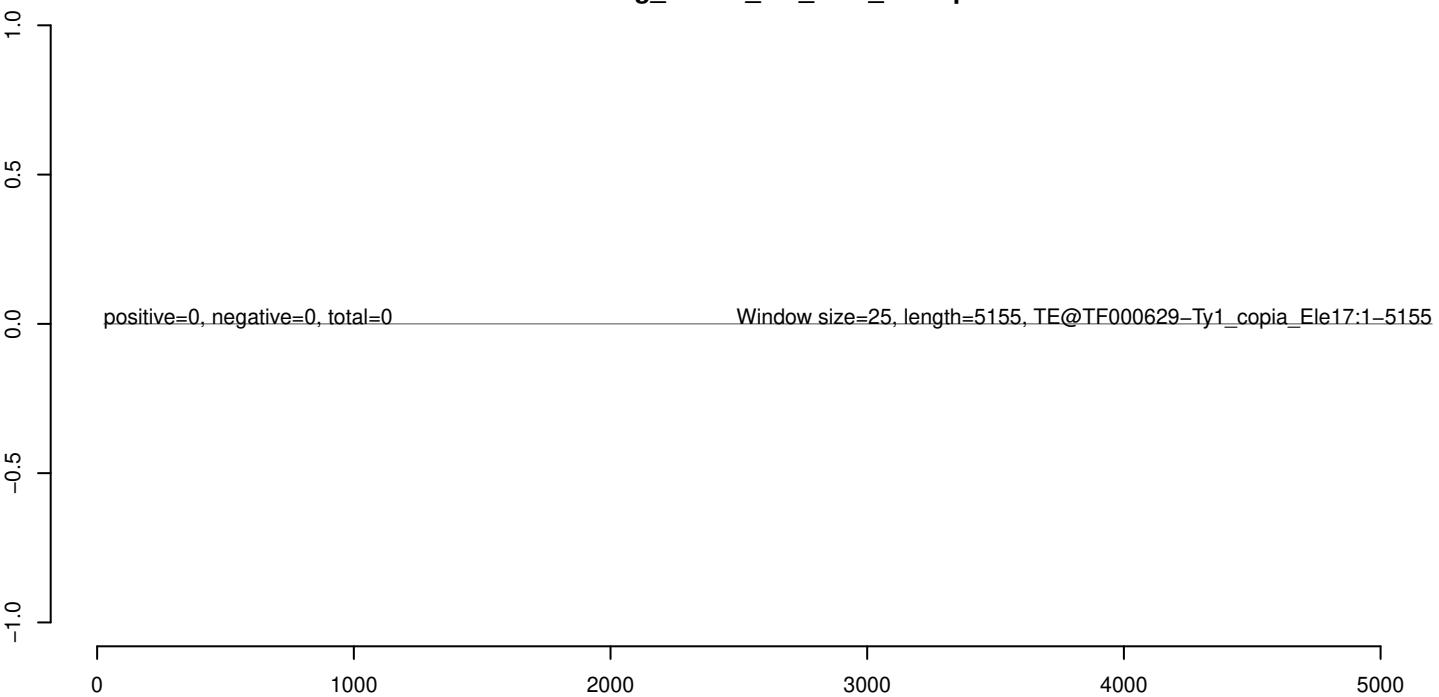
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



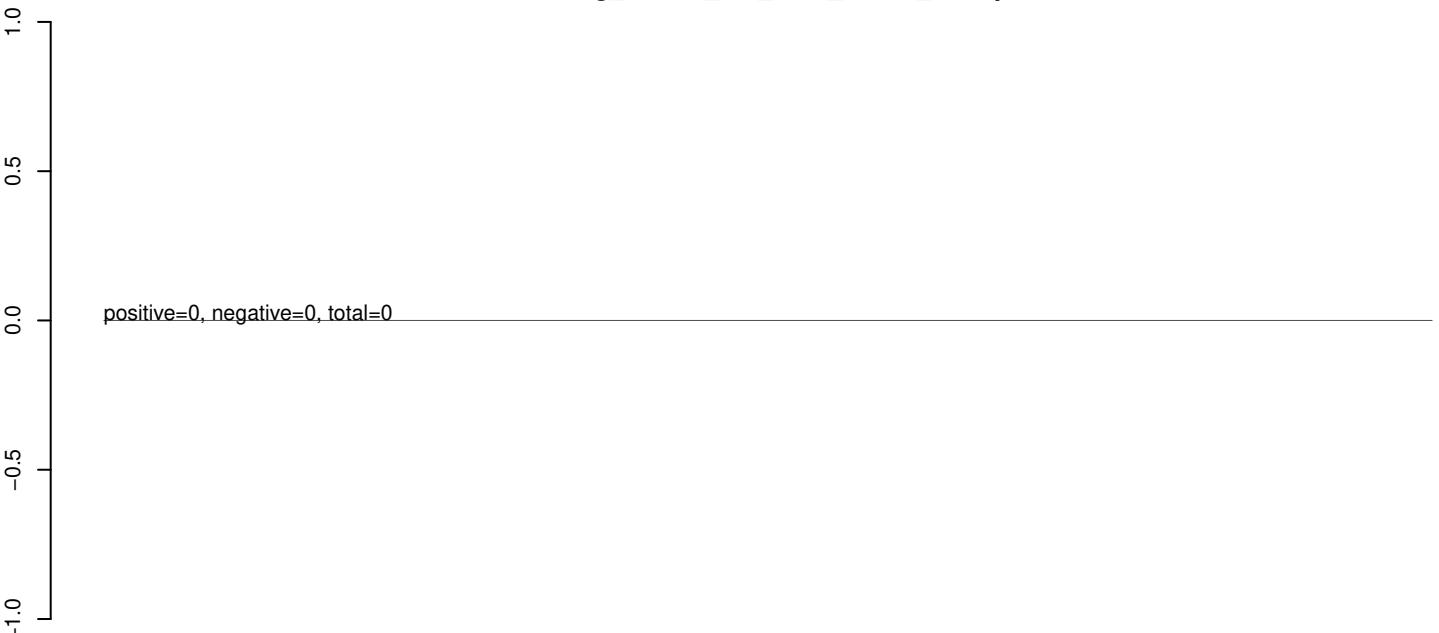
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



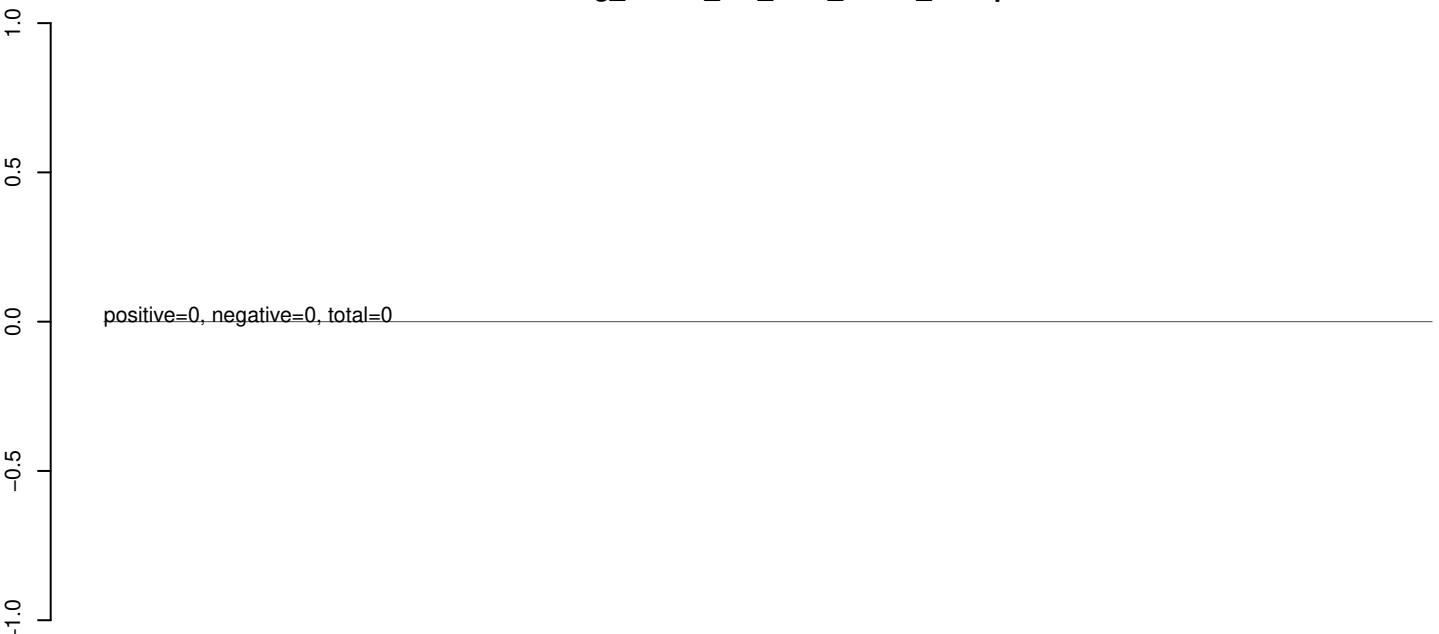
**AeAeg\_Whole\_sm\_r123\_JM.rep**



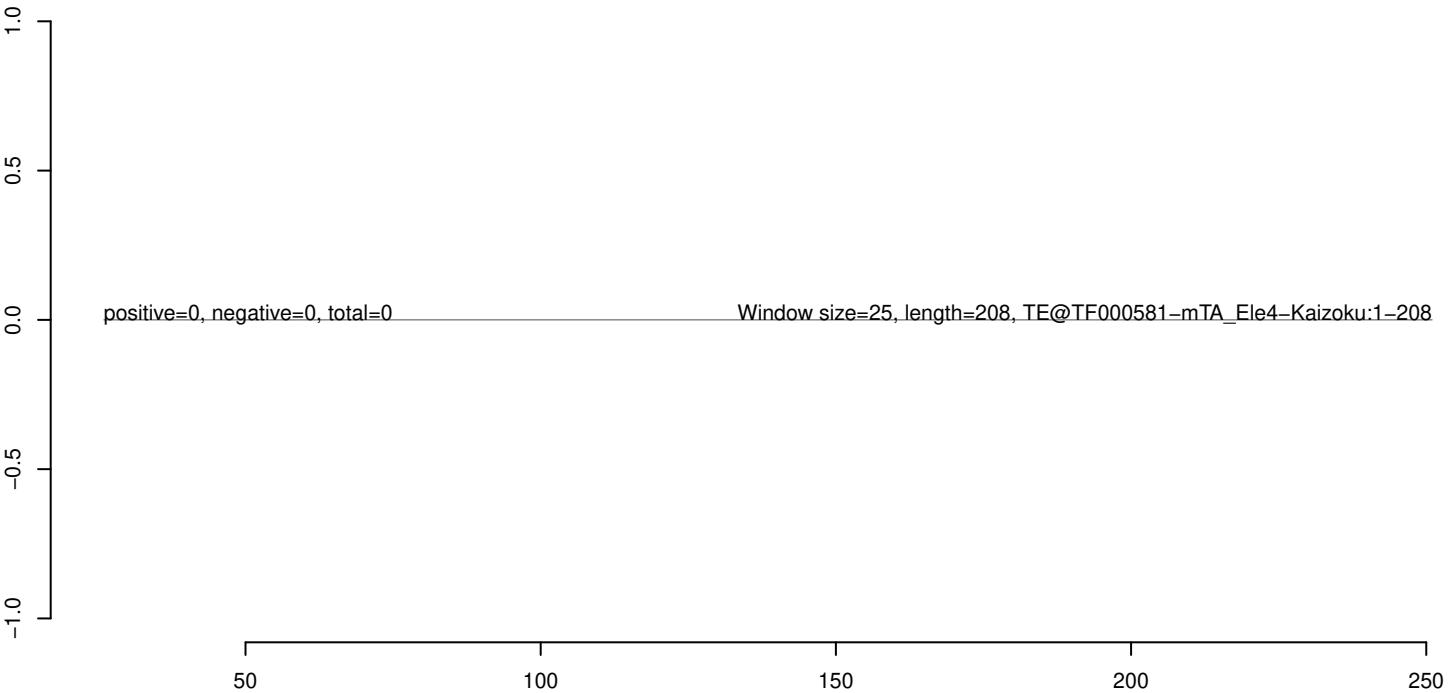
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



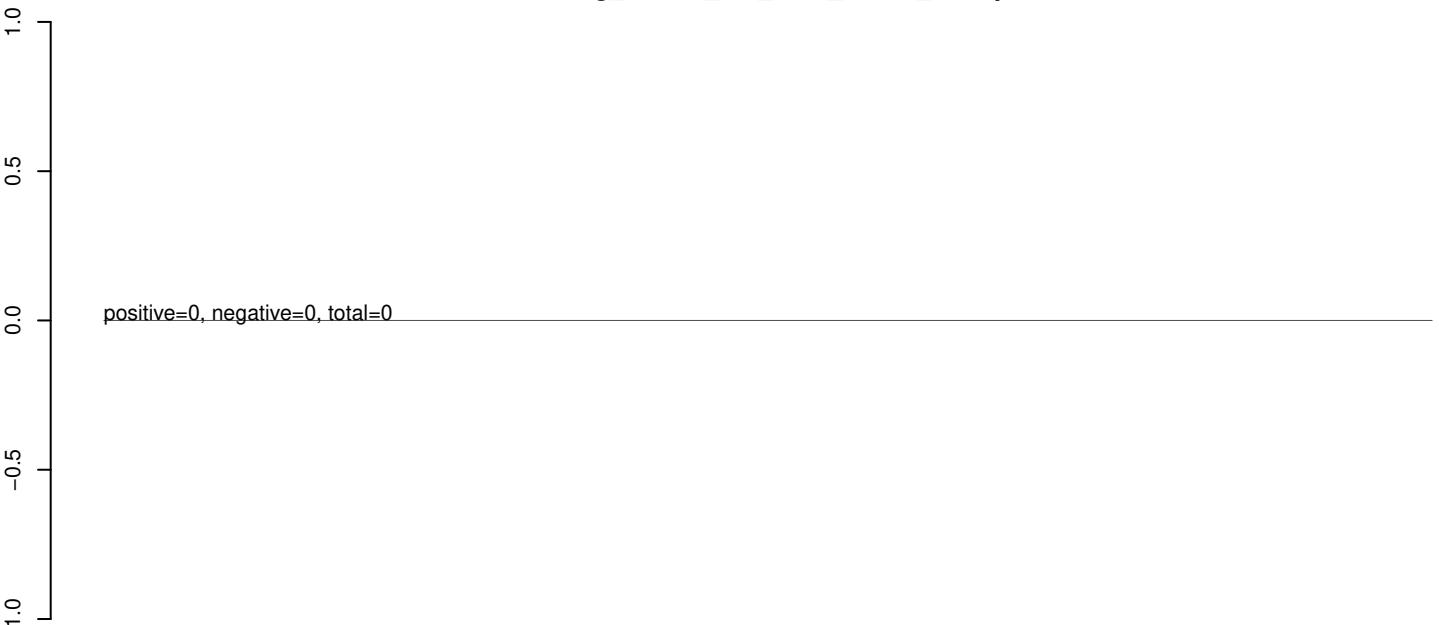
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



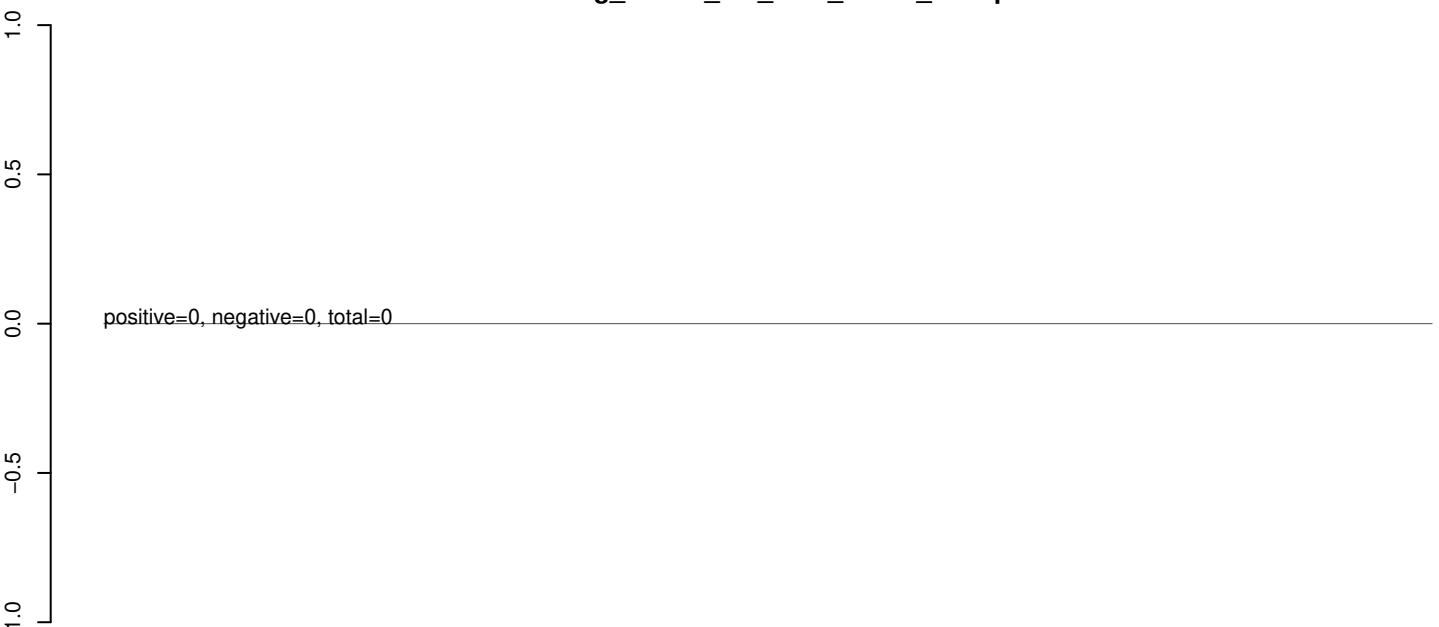
**AeAeg\_Whole\_sm\_r123\_JM.rep**



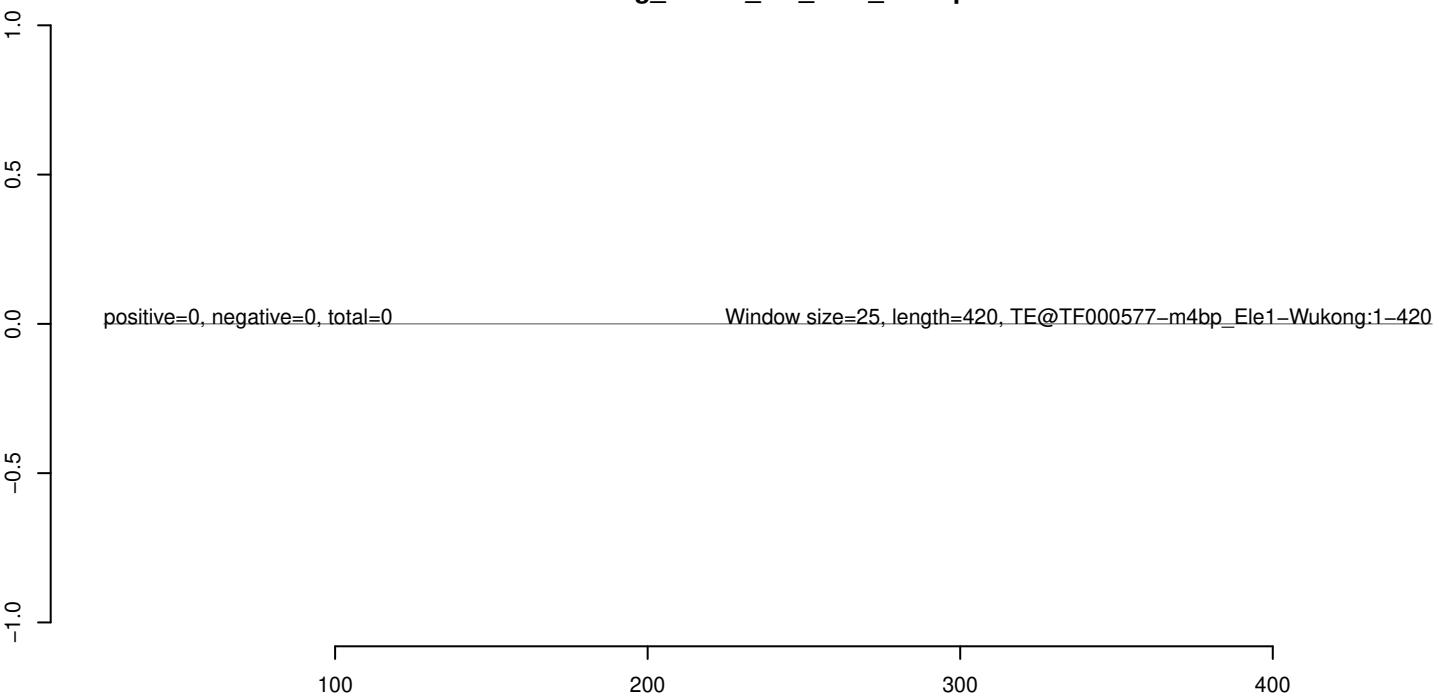
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=371, TE@TF000576-m8bp\_Ele1\_Homey:1-371

100

200

300

400

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

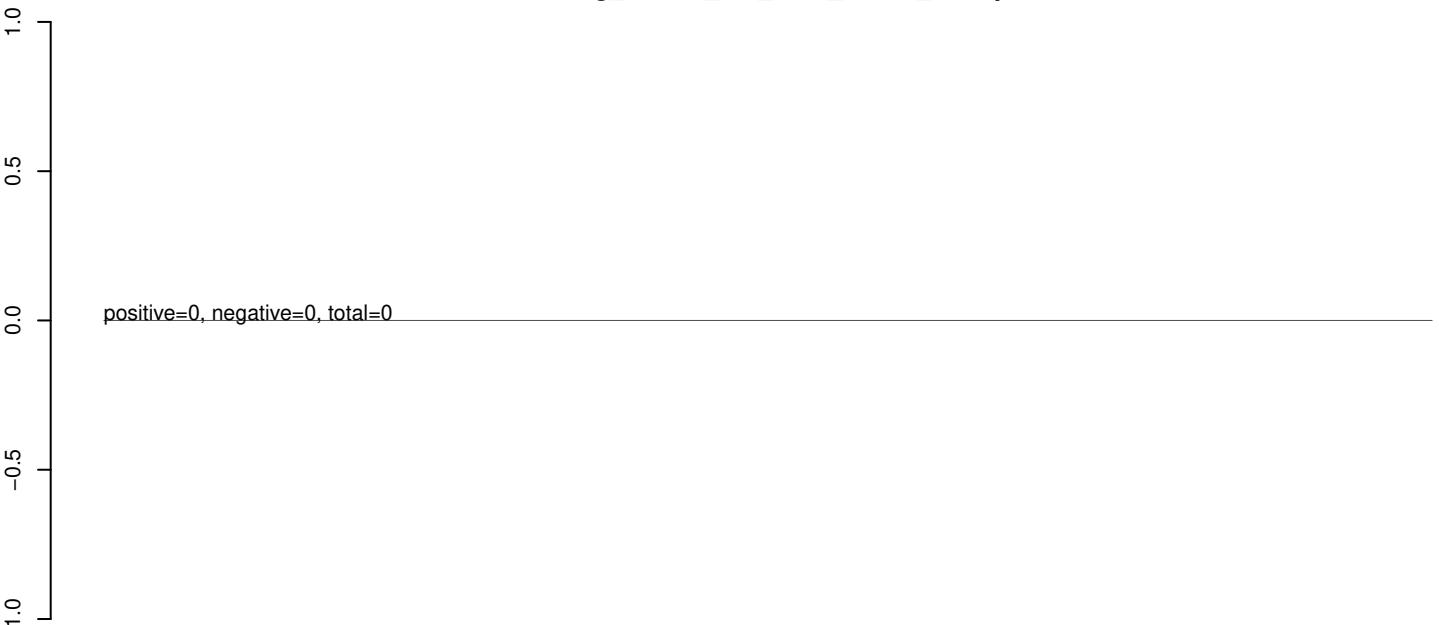
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

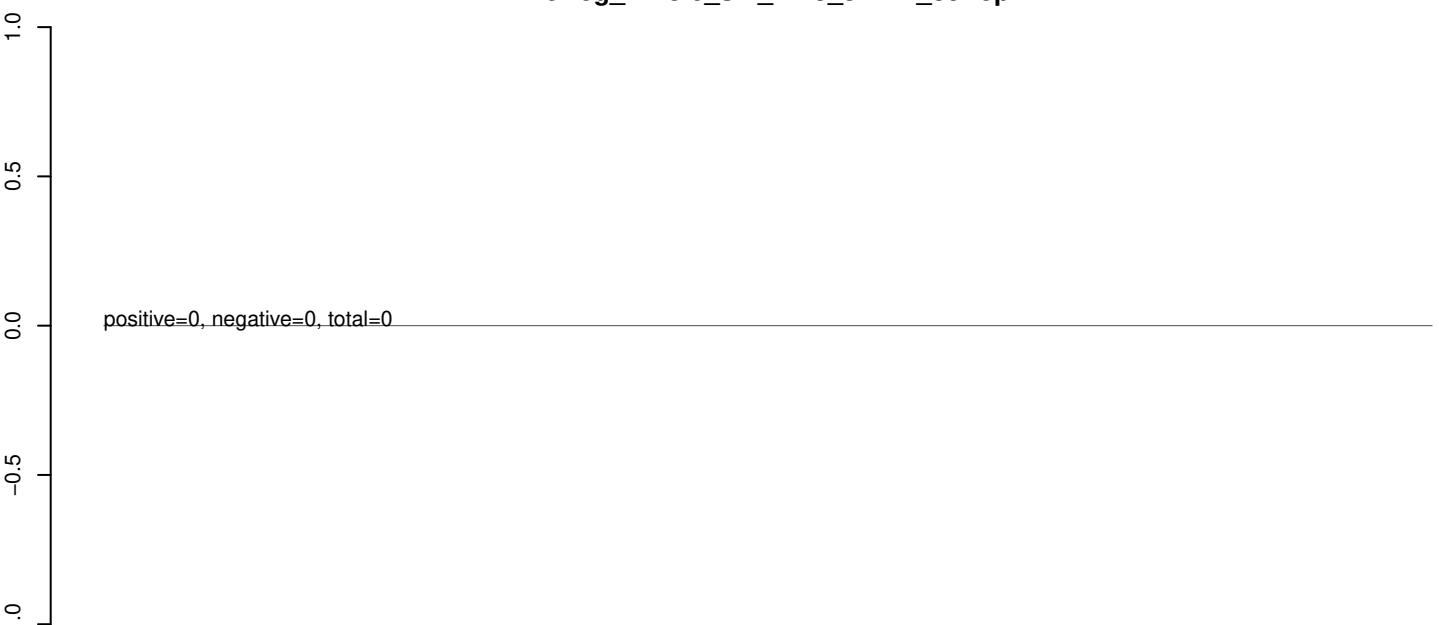
positive=0, negative=0, total=0

Window size=25, length=1660, TE@TF000553-Tc1\_Ele5:1-1660

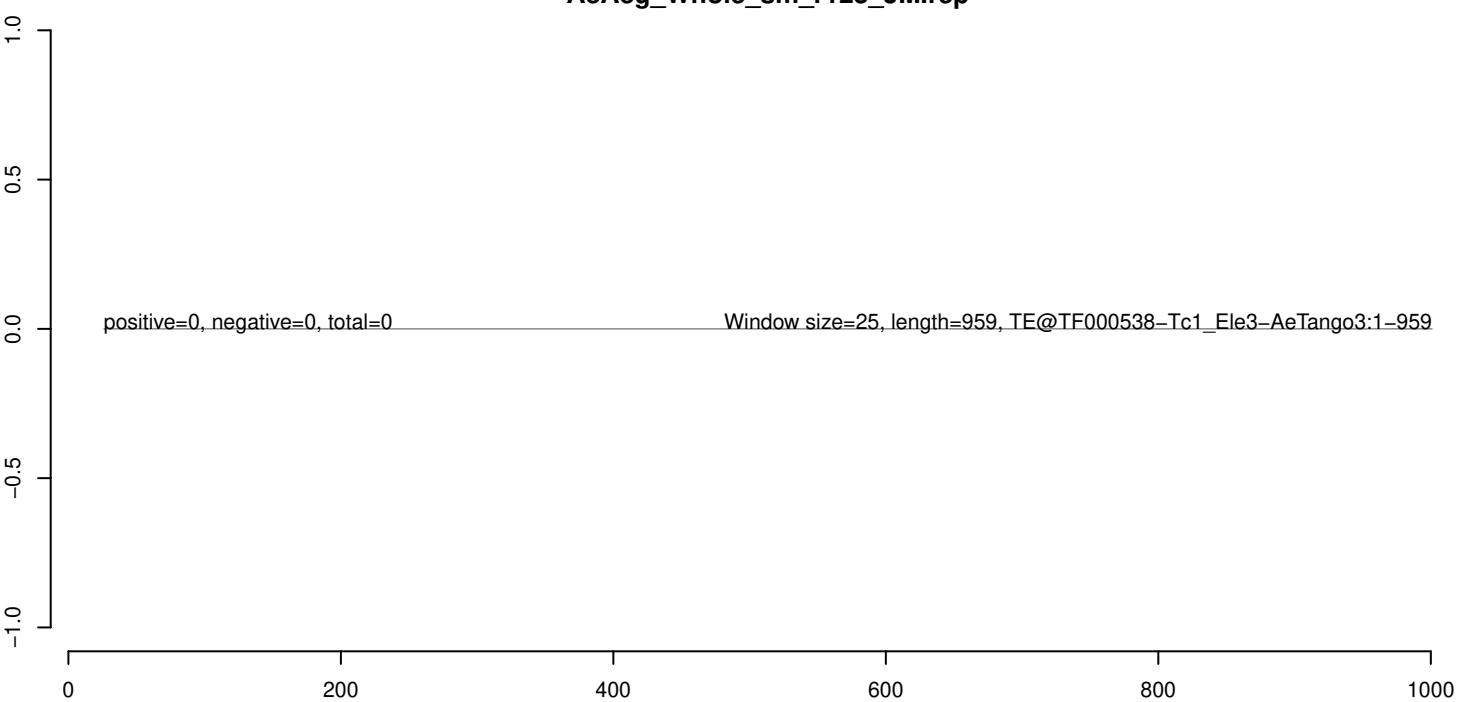
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Whole\_sm\_r123\_JM.rep

positive=0, negative=0, total=0

Window.size=25, length=6790, TE@TF000517-Pao\_Bel\_Ele90:1-6790

0 1000 2000 3000 4000 5000 6000 7000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1594, TE@TF000446-Jockey\_Ele9:1–1594

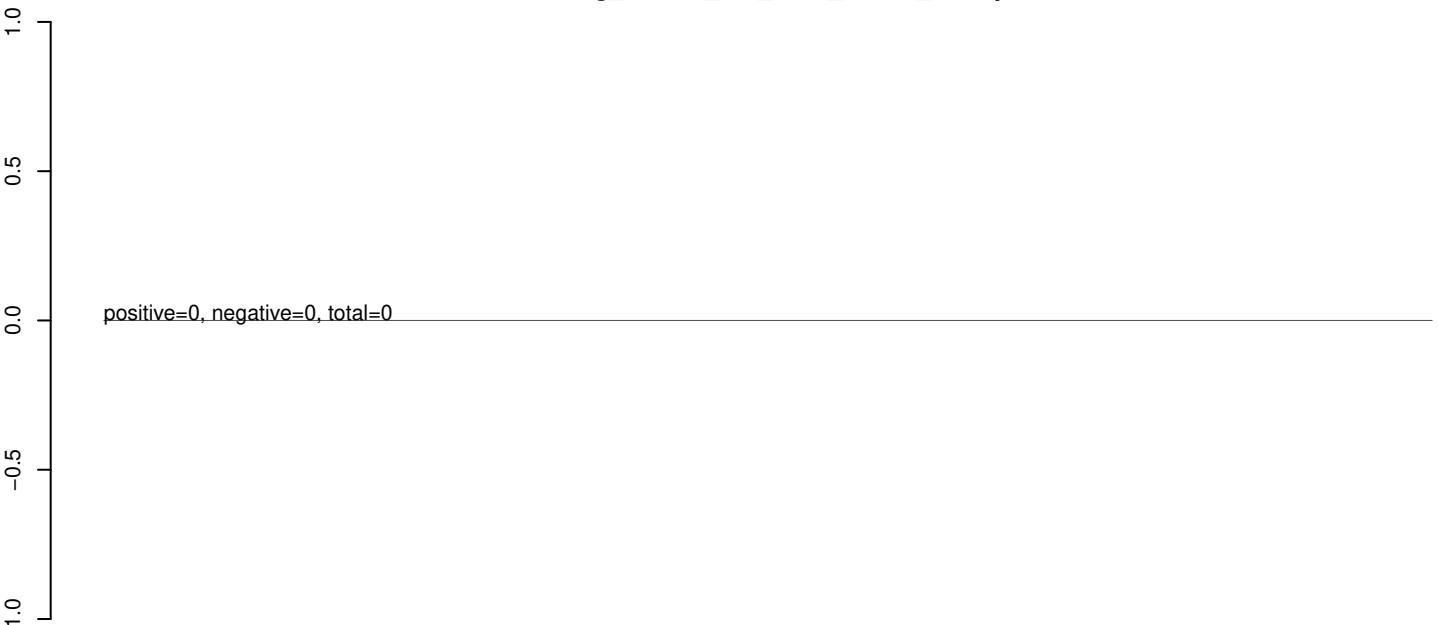
0

500

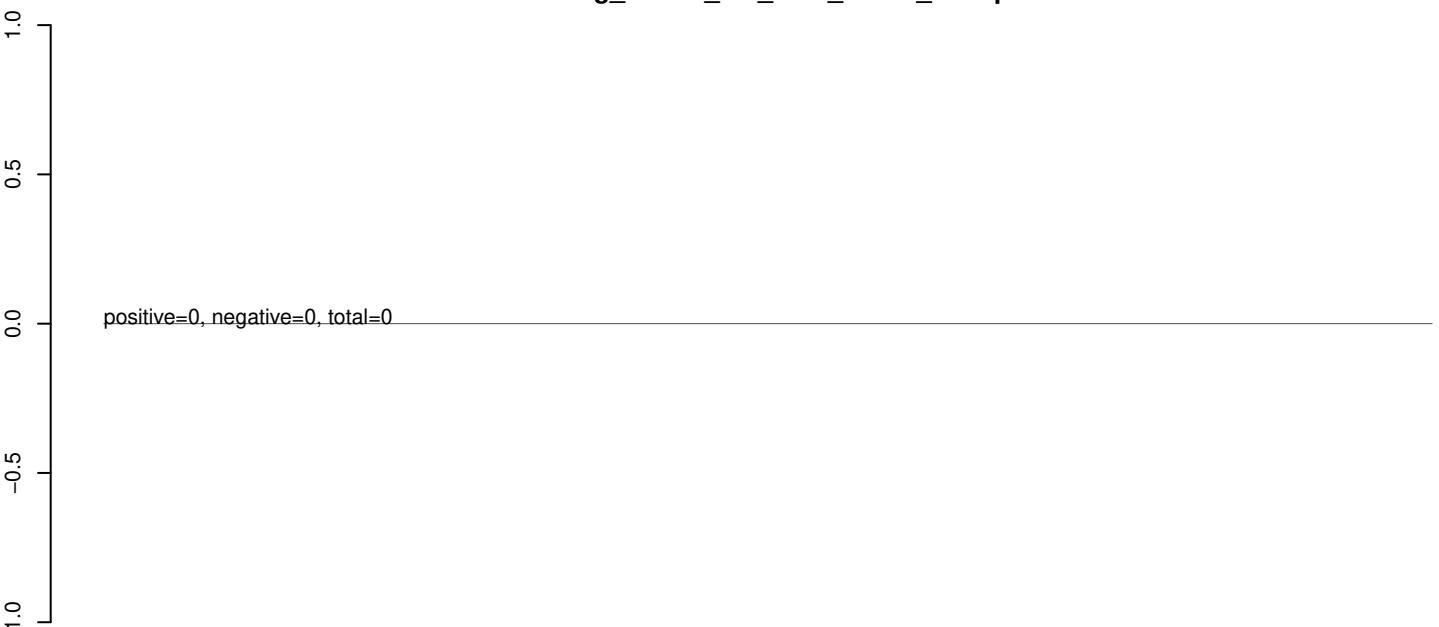
1000

1500

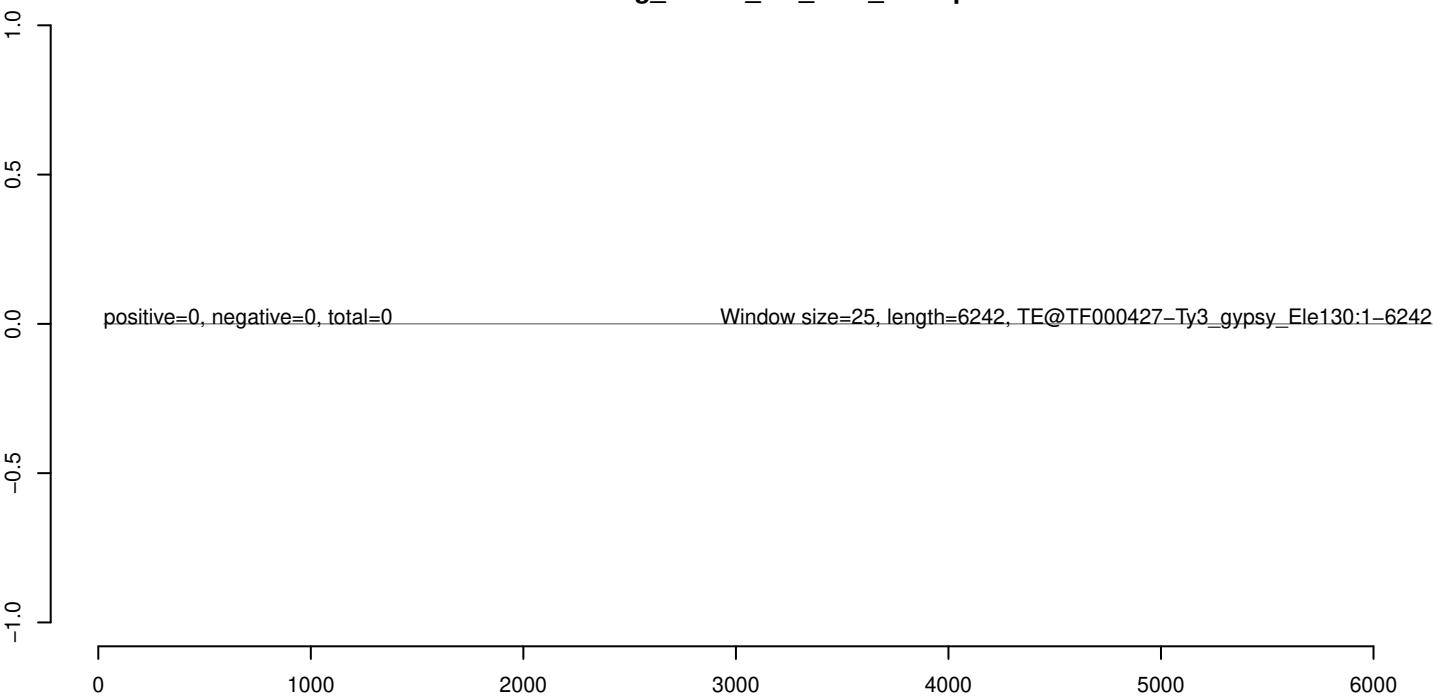
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



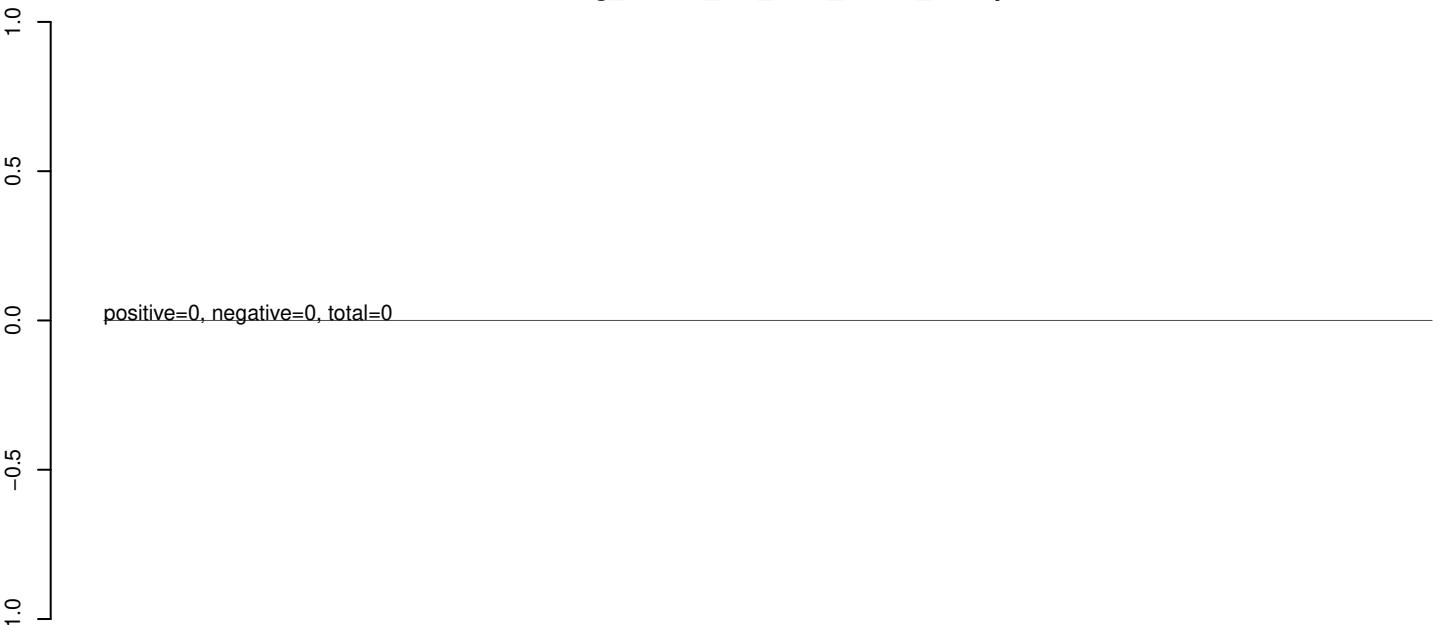
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



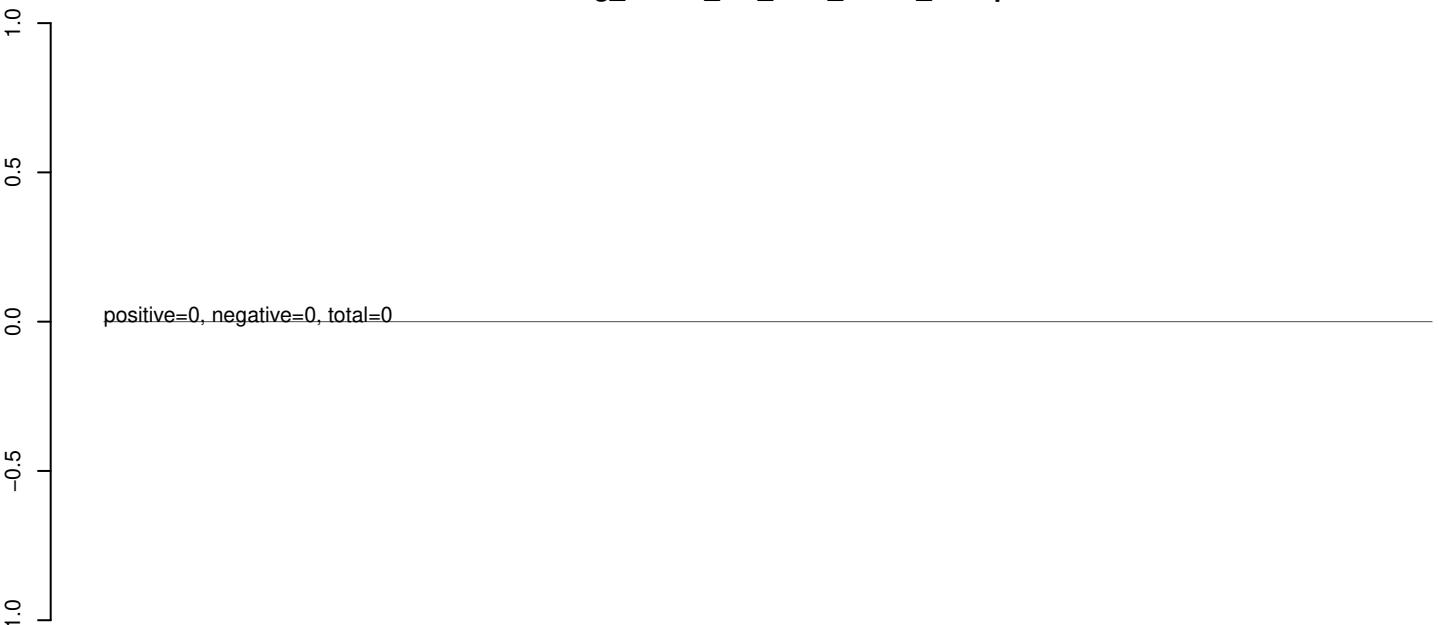
**AeAeg\_Whole\_sm\_r123\_JM.rep**



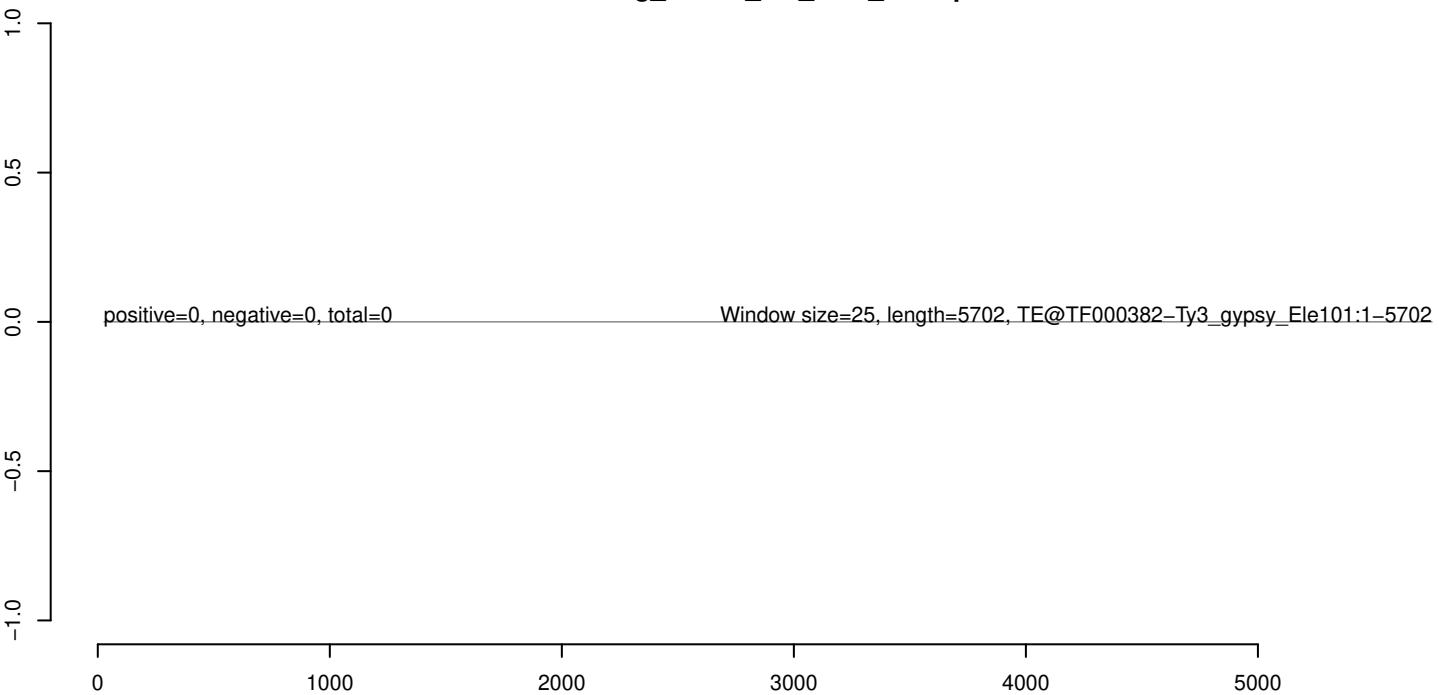
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



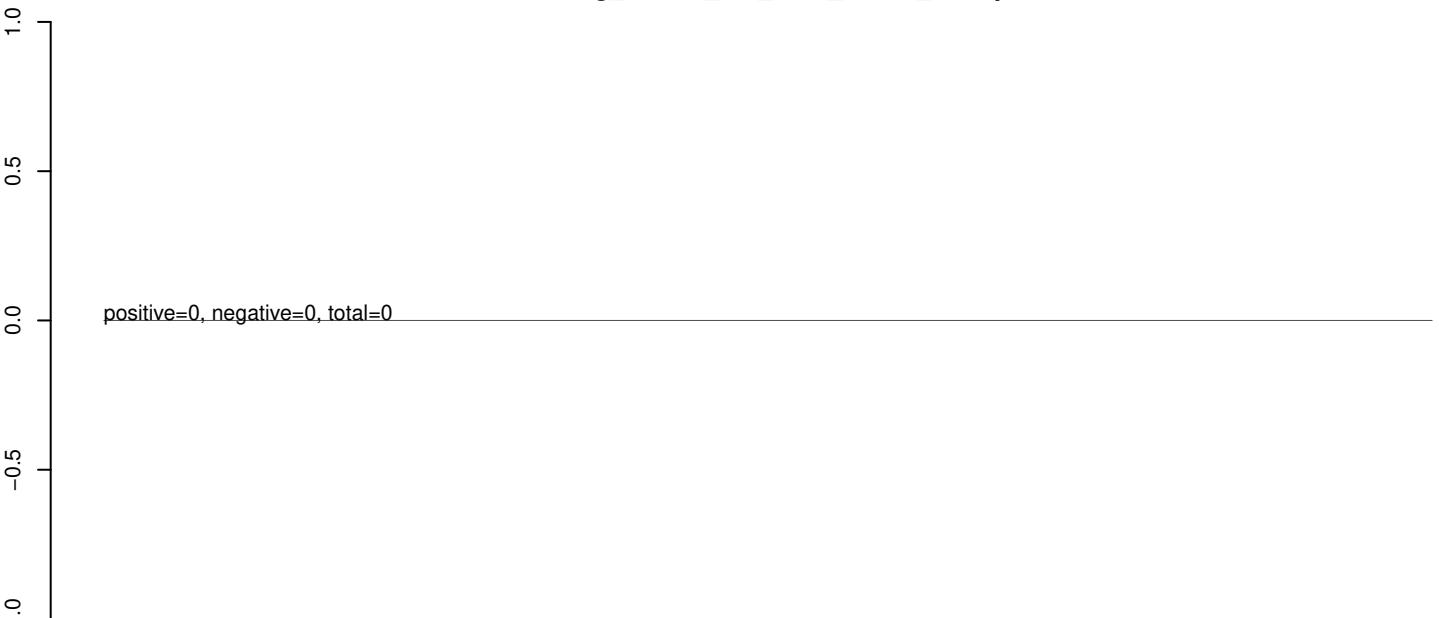
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



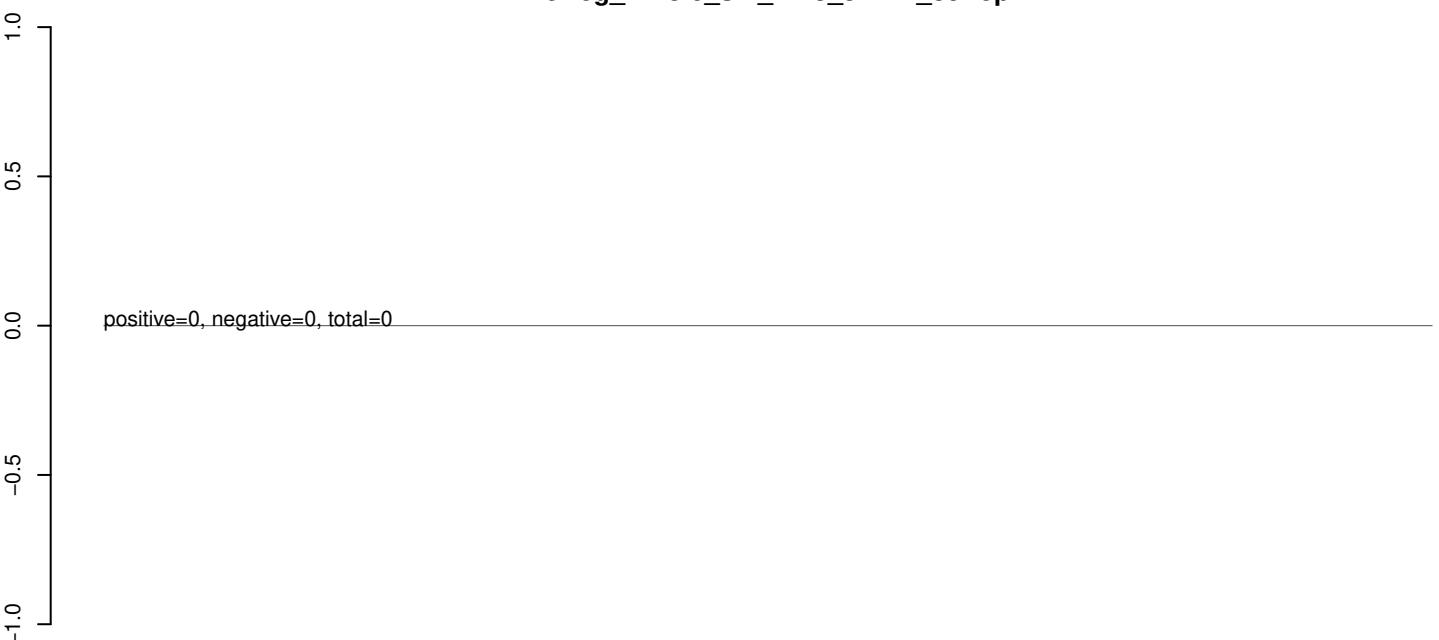
**AeAeg\_Whole\_sm\_r123\_JM.rep**



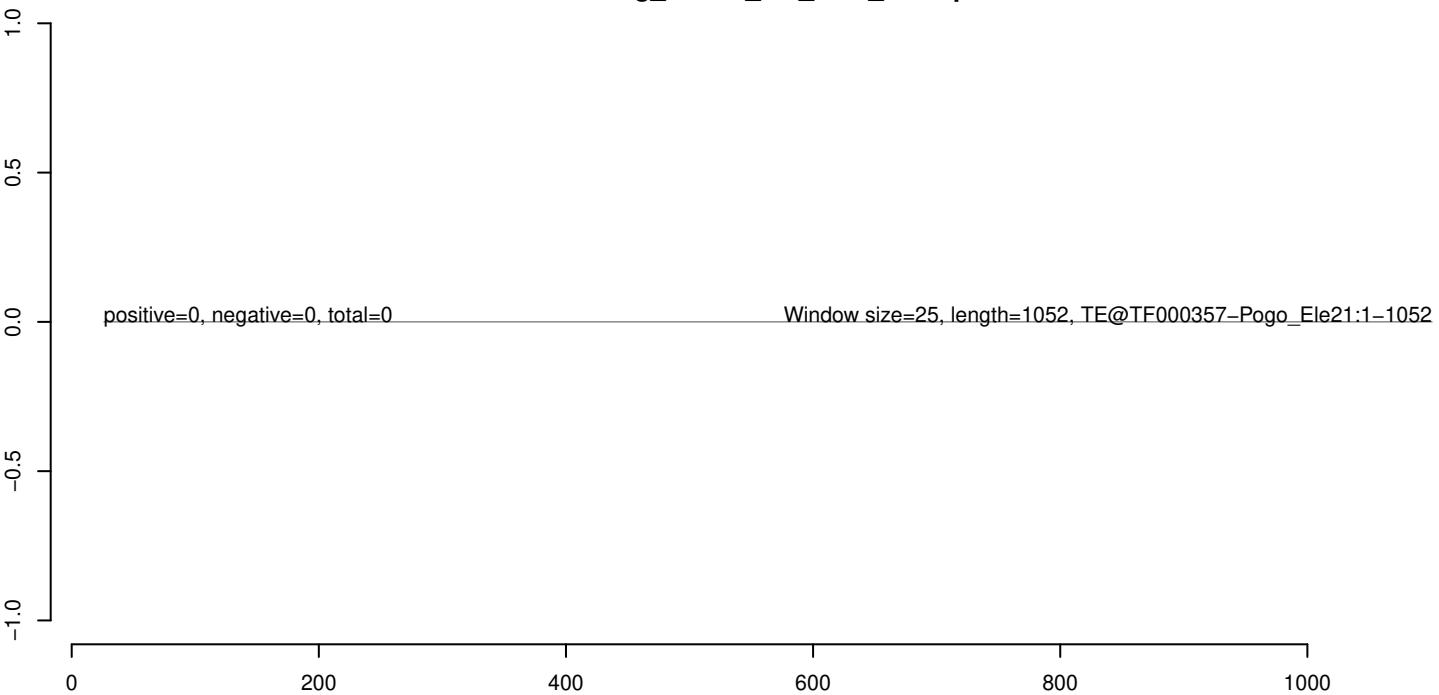
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

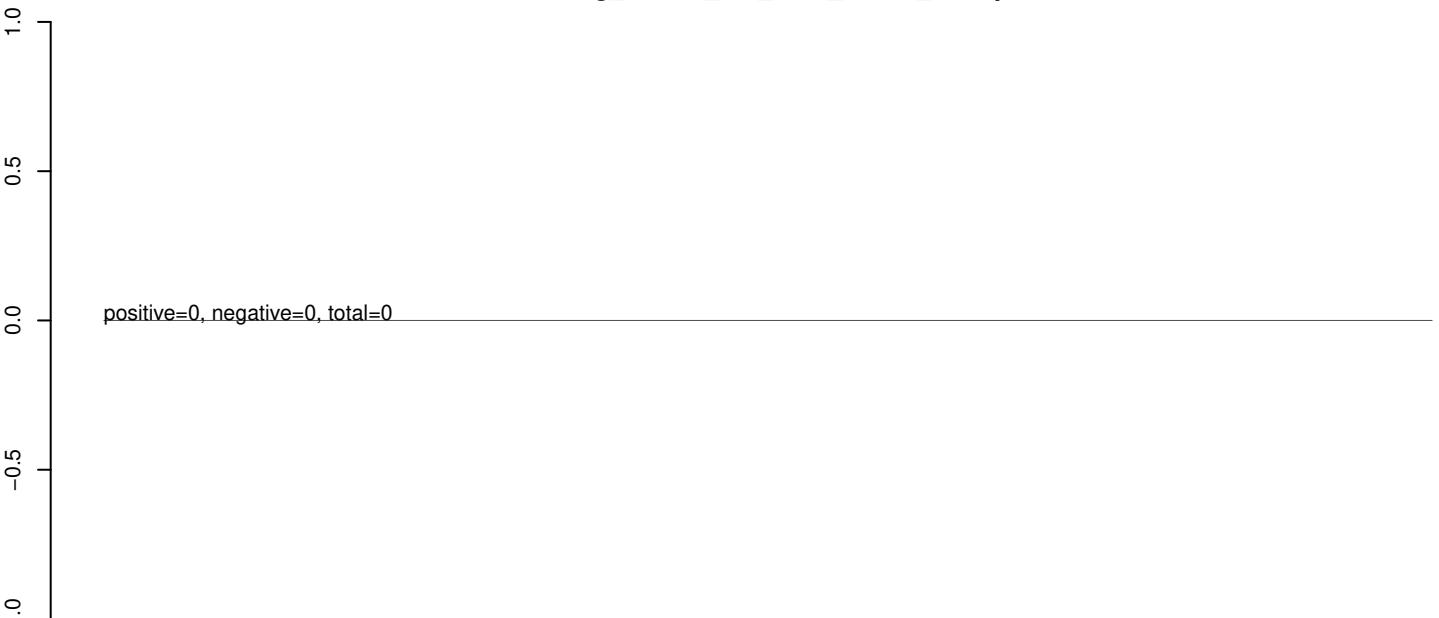
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

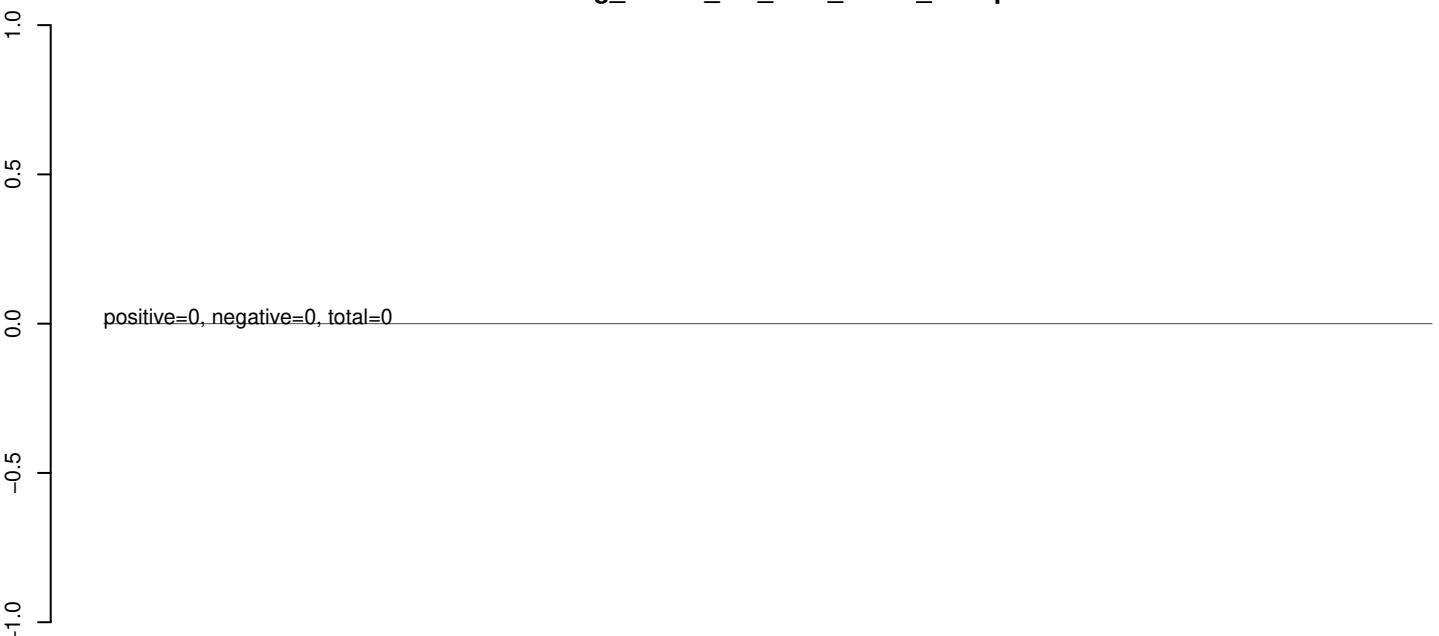
Window.size=25, length=6921, TE@TF000262-Pao\_Bel\_Ele81:1-6921

0 1000 2000 3000 4000 5000 6000 7000

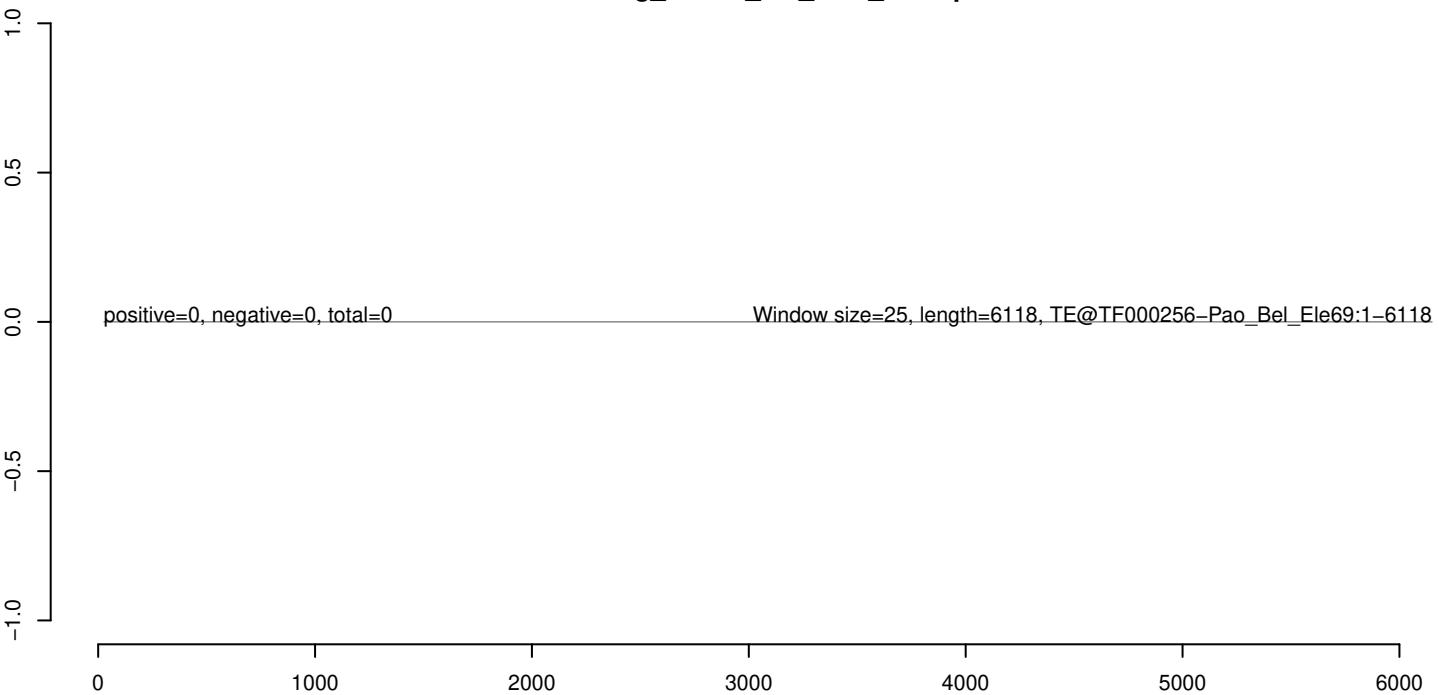
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=7619, TE@TF000253-Pao\_Bel\_Ele63:1–7619

0

2000

4000

6000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1982, TE@TF000221-l\_ele31:1-1982

0 500 1000 1500 2000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

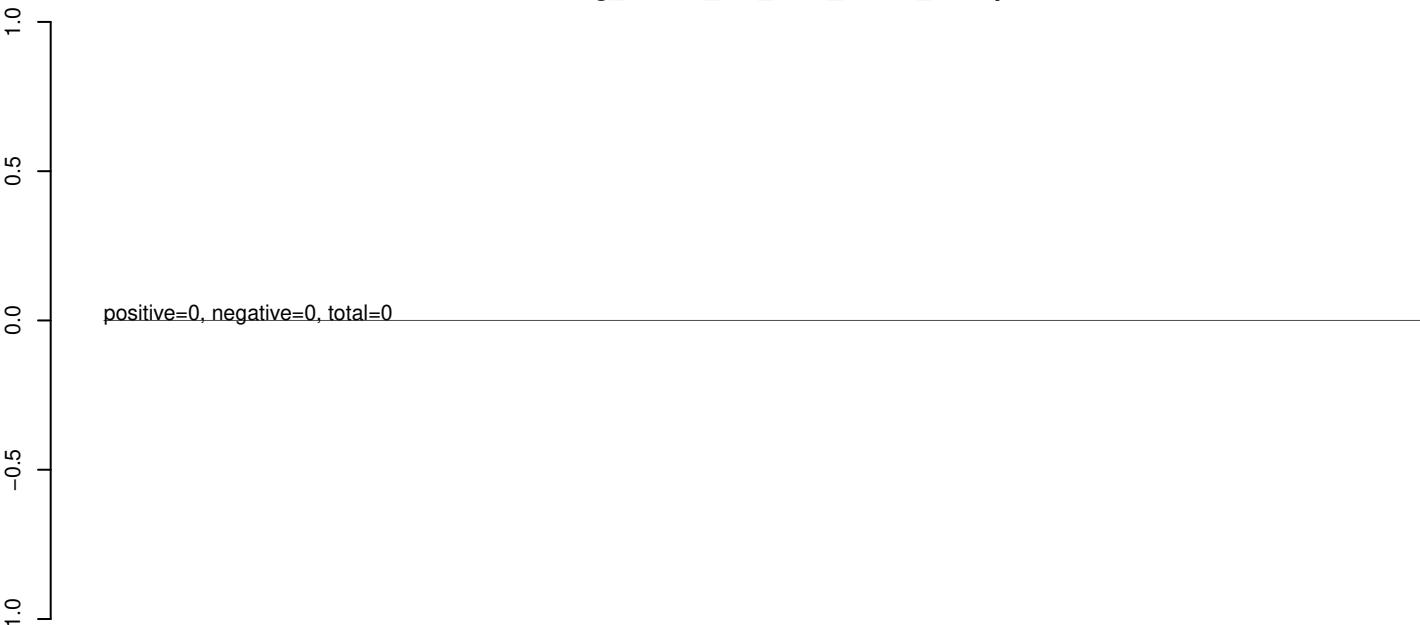
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

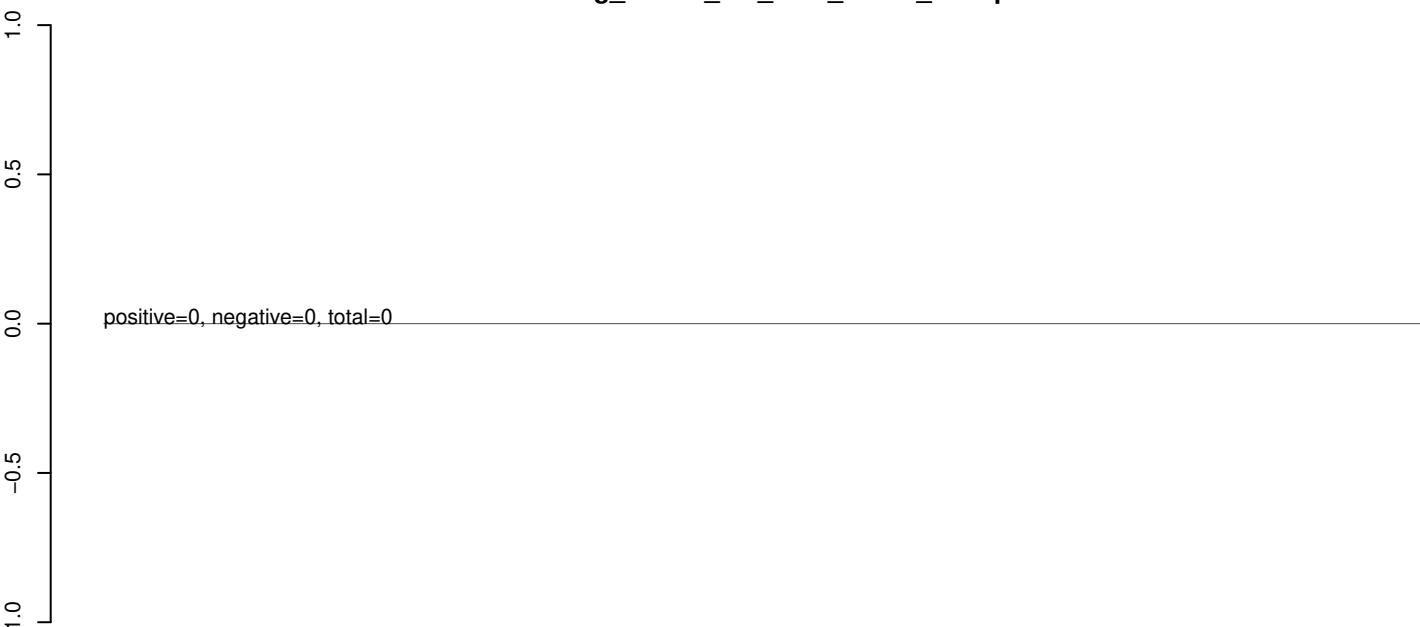
Window size=25, length=5891, TE@TF000220-l\_ele30:1-5891

0 1000 2000 3000 4000 5000 6000

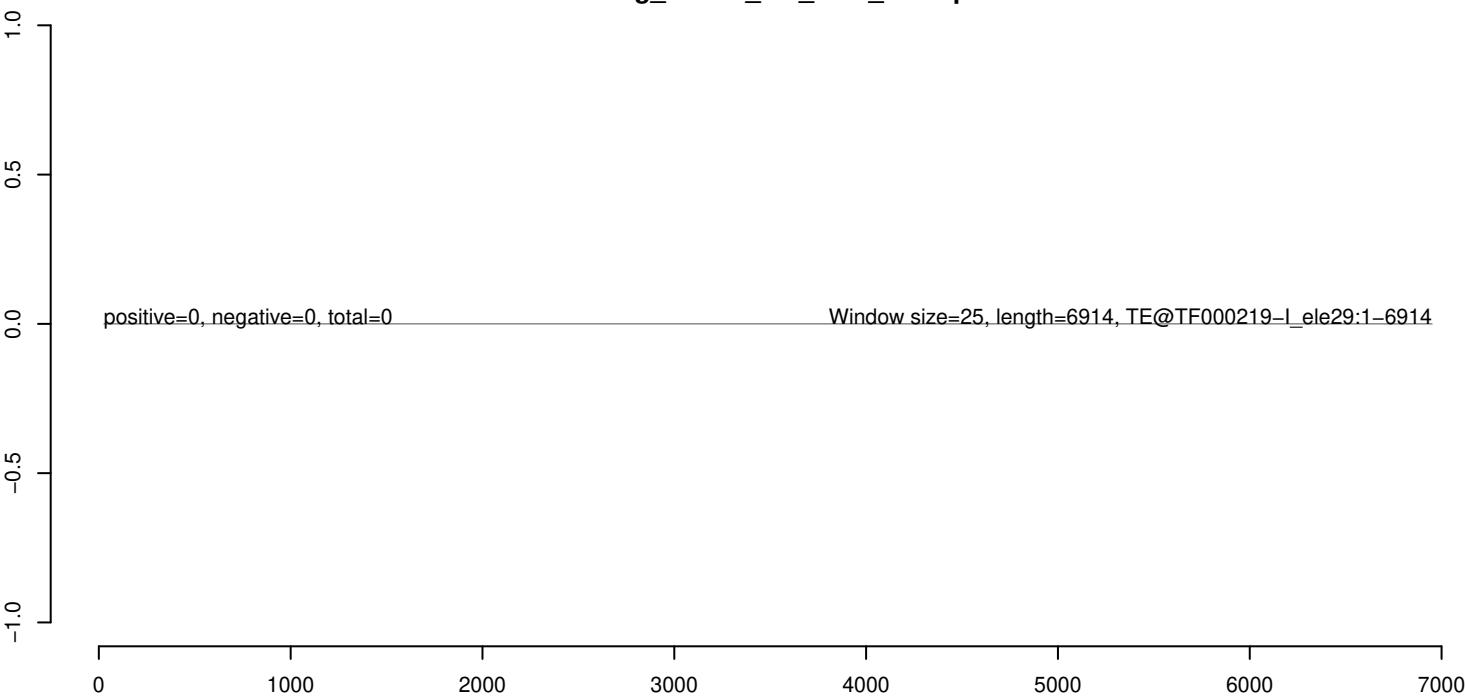
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



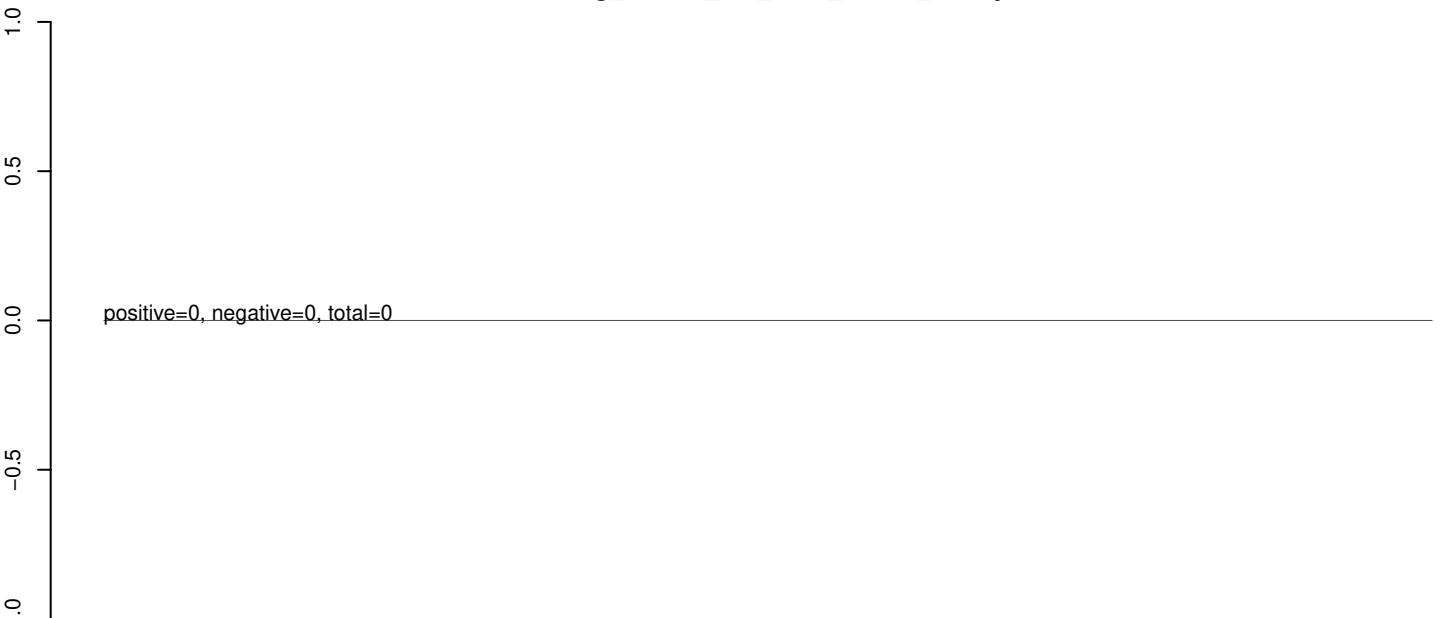
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



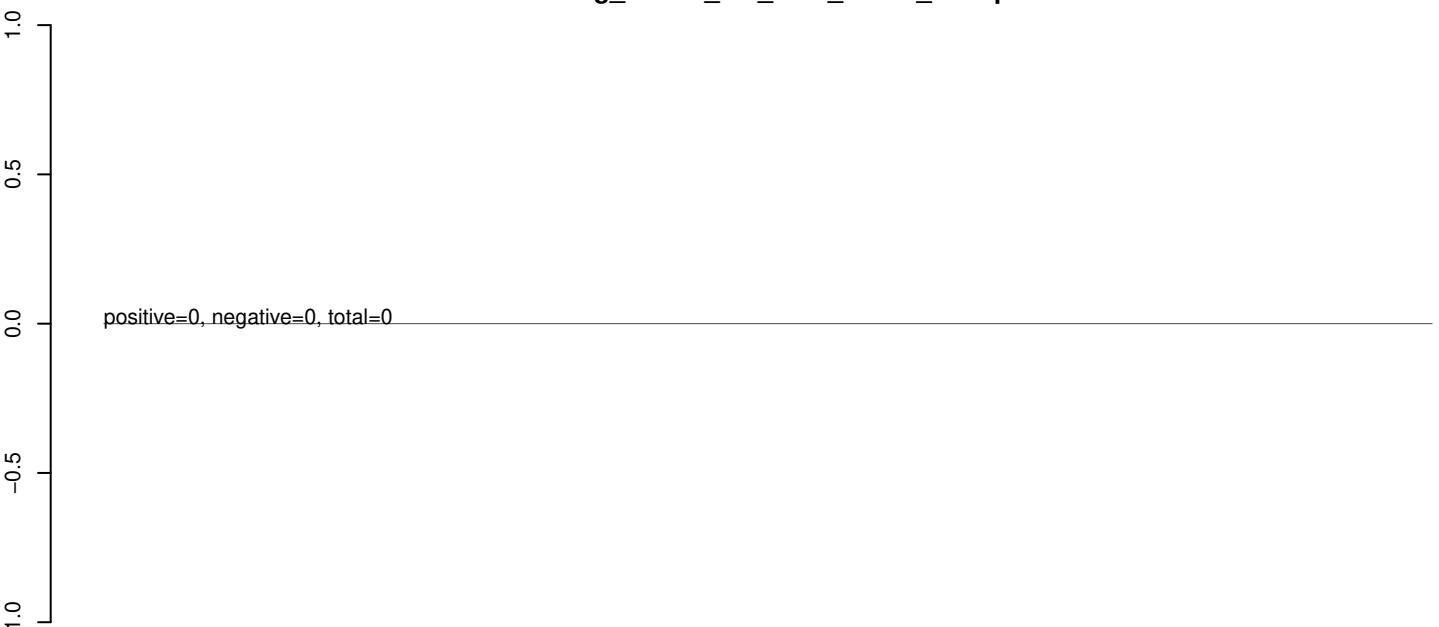
**AeAeg\_Whole\_sm\_r123\_JM.rep**



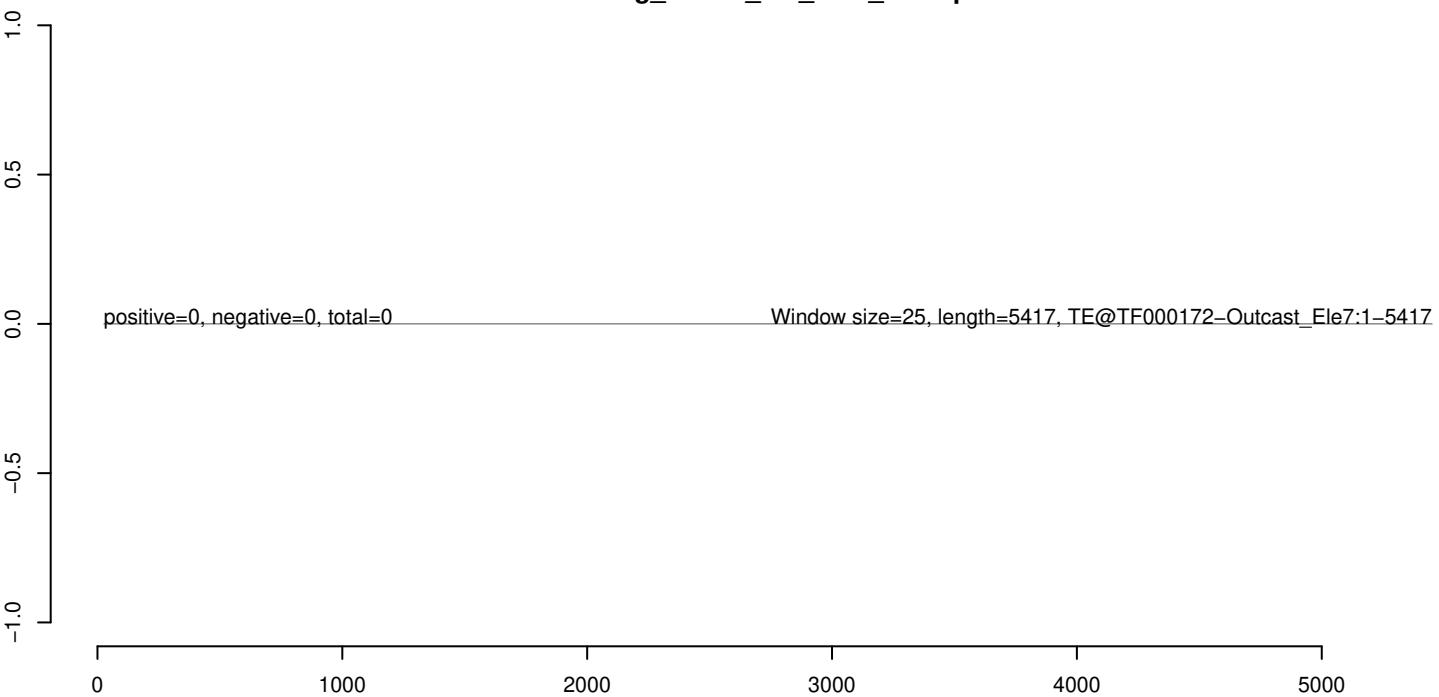
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=4696, TE@TF000117-Ty3\_gypsy\_Ele26:1-4696

0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=2009, TE@TF000077–Penelope\_Ele7:1–2009

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

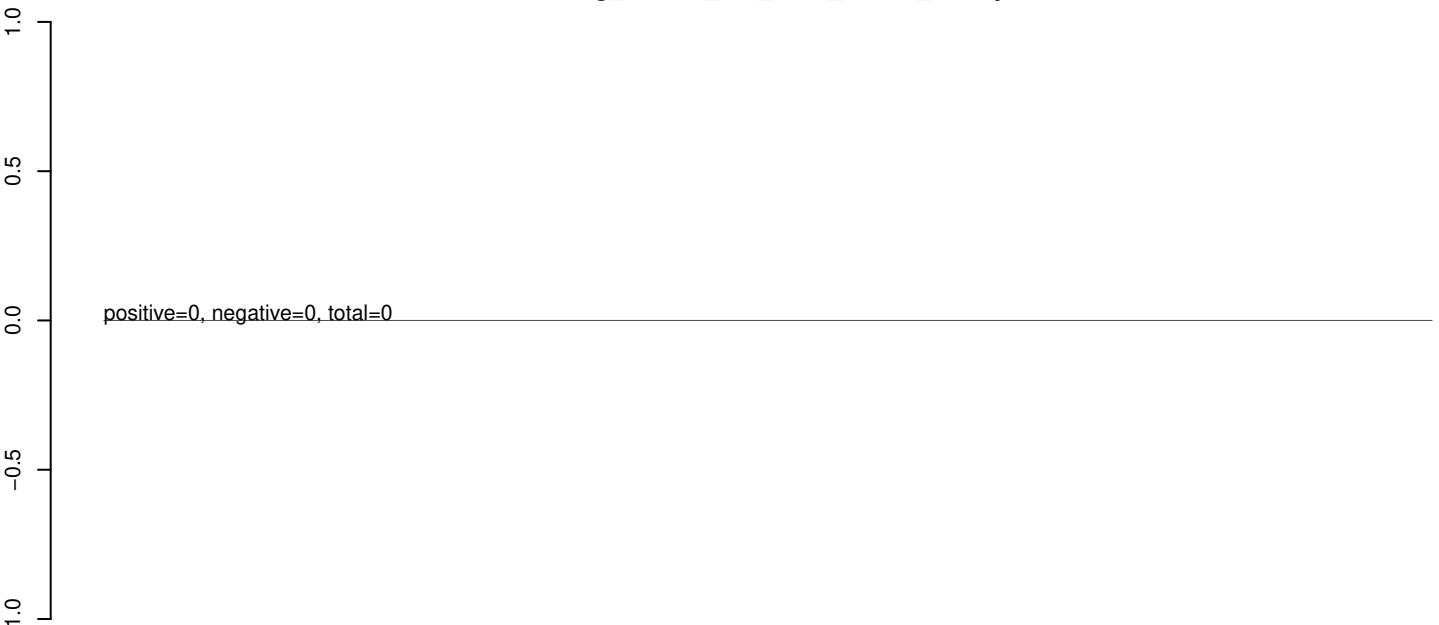
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

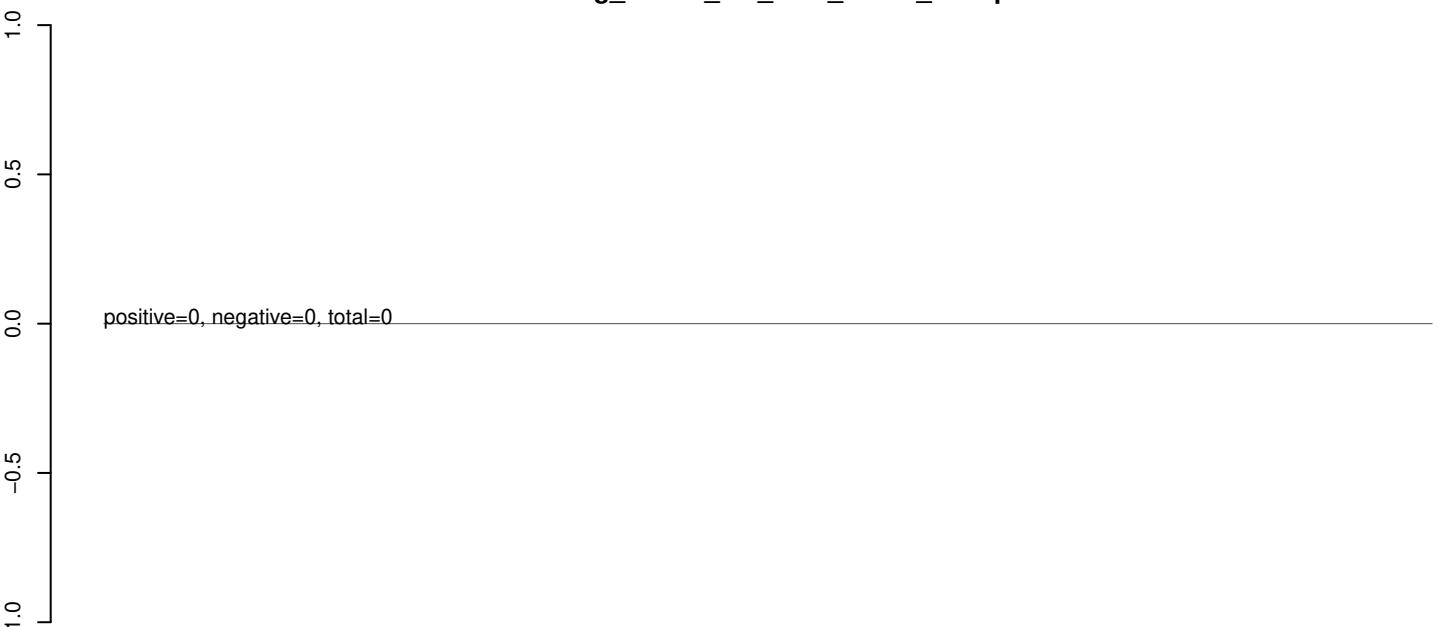
Window.size=25, length=3829, TE@TF000055-Jockey\_Ele2:1-3829

0 1000 2000 3000 4000

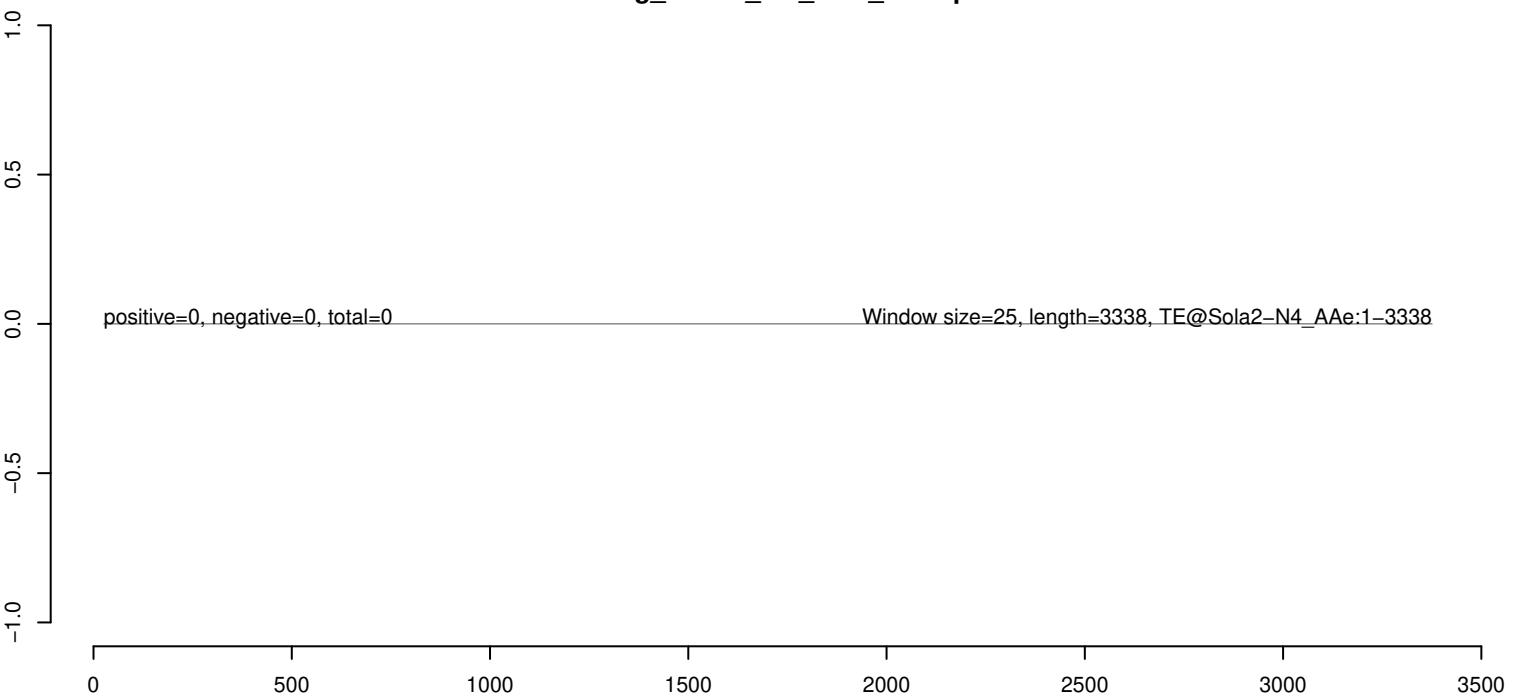
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

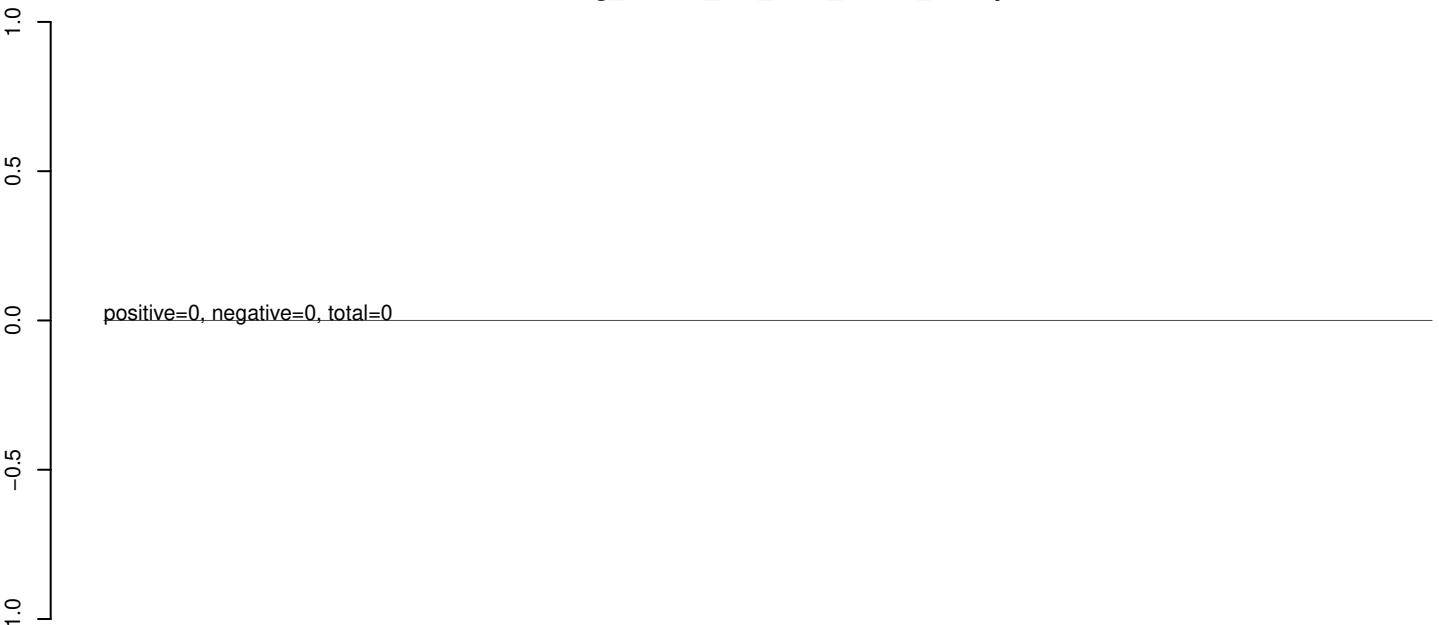
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

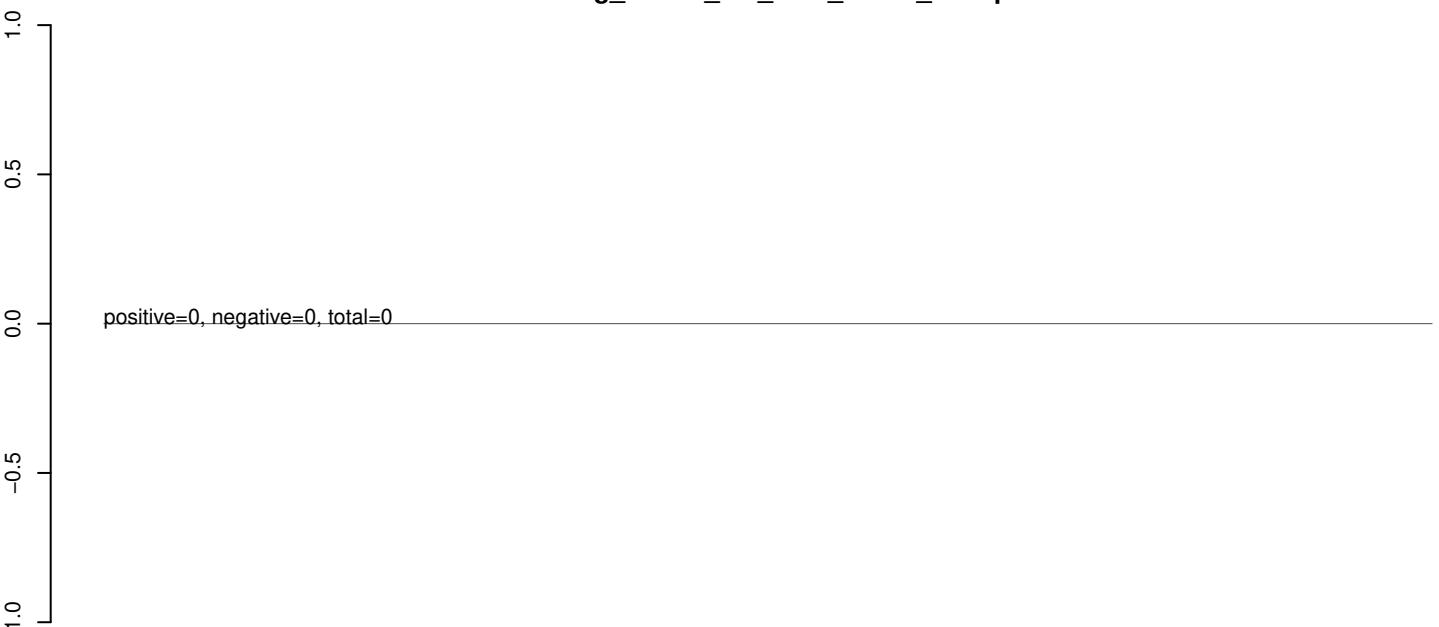
Window.size=25, length=1394, TE@Sola2-N1\_AAe:1-1394

0 200 400 600 800 1000 1200 1400

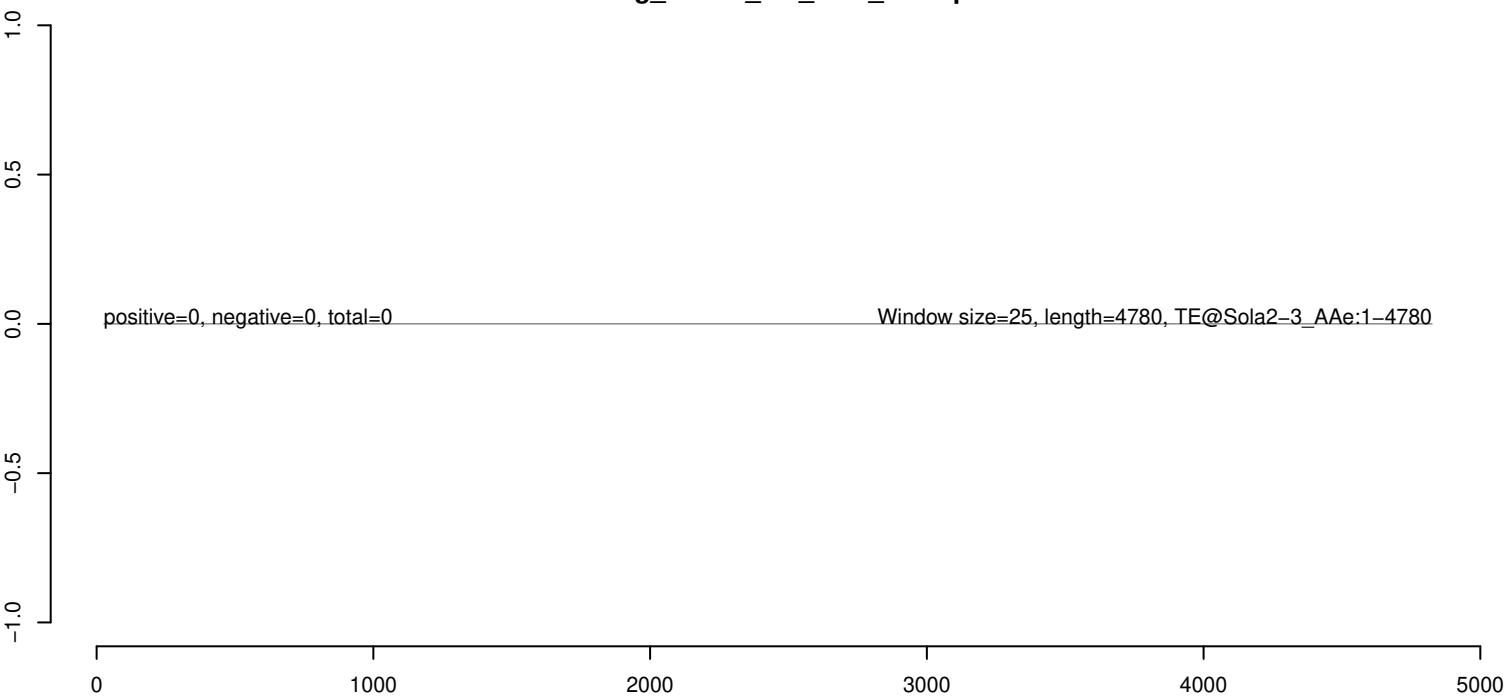
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

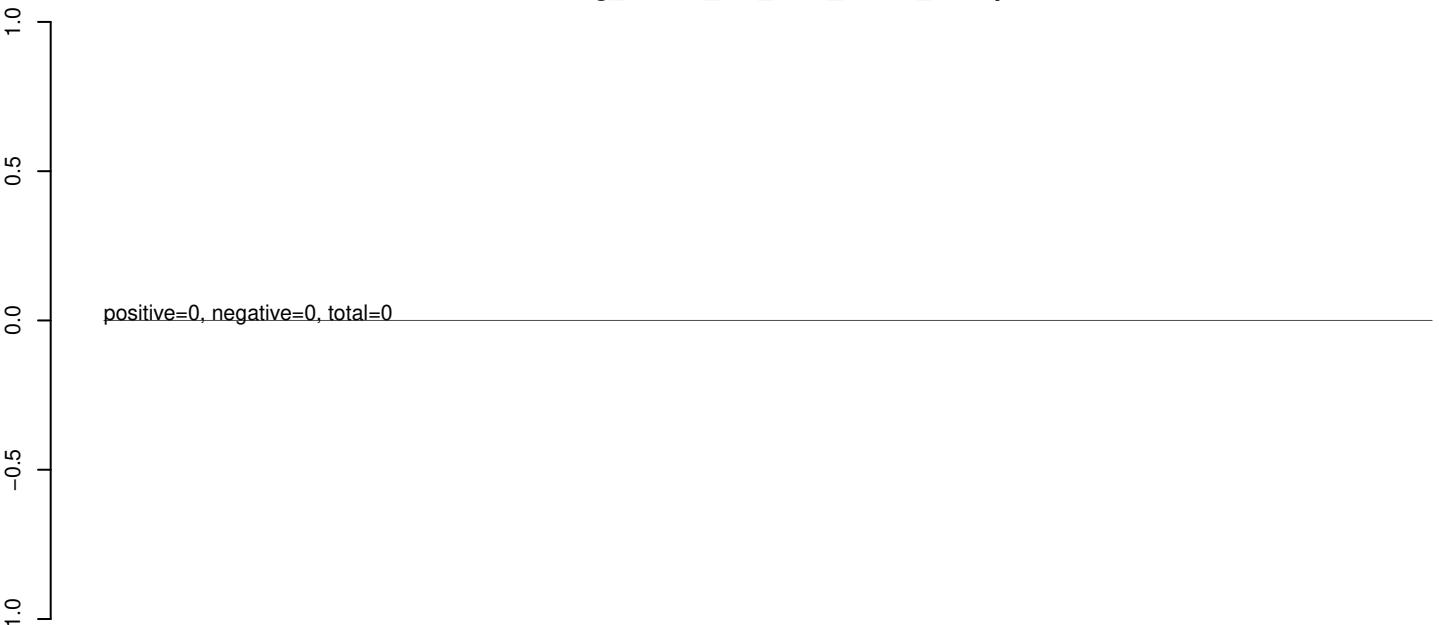
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

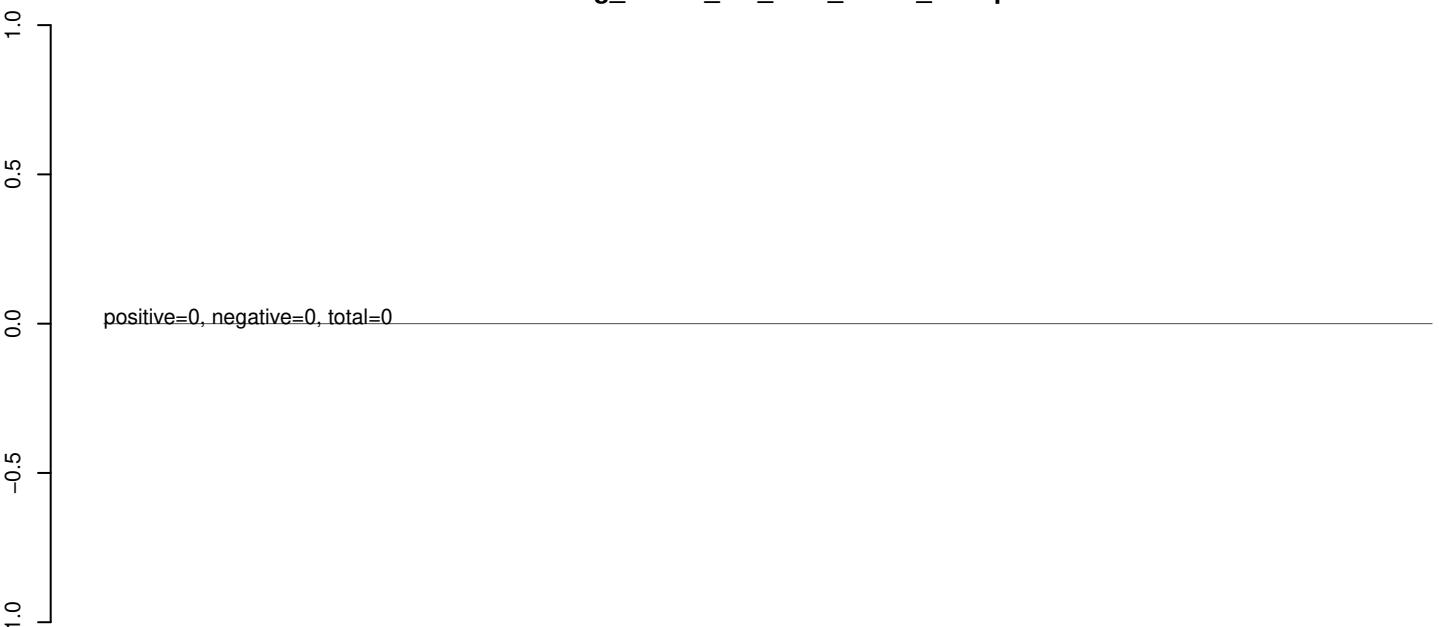
Window.size=25, length=4680, TE@Sola2-2\_AAe:1-4680

0 1000 2000 3000 4000

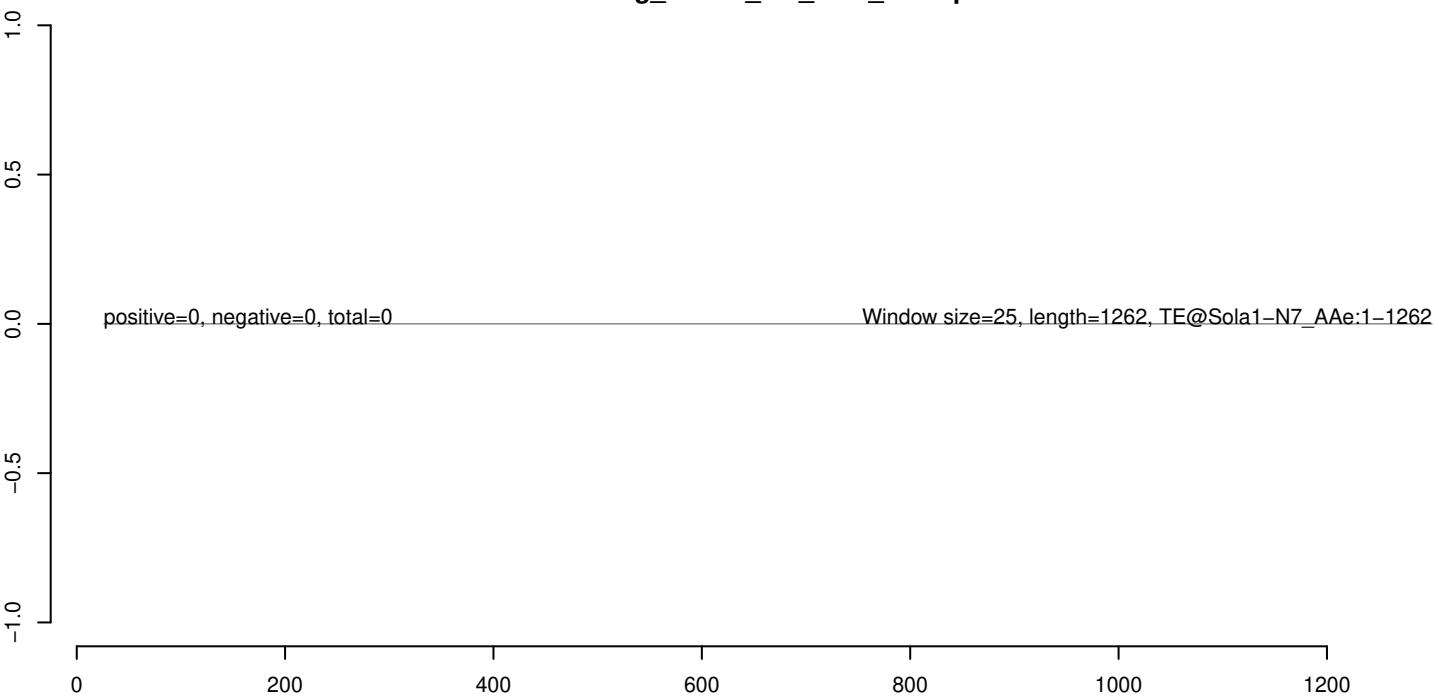
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



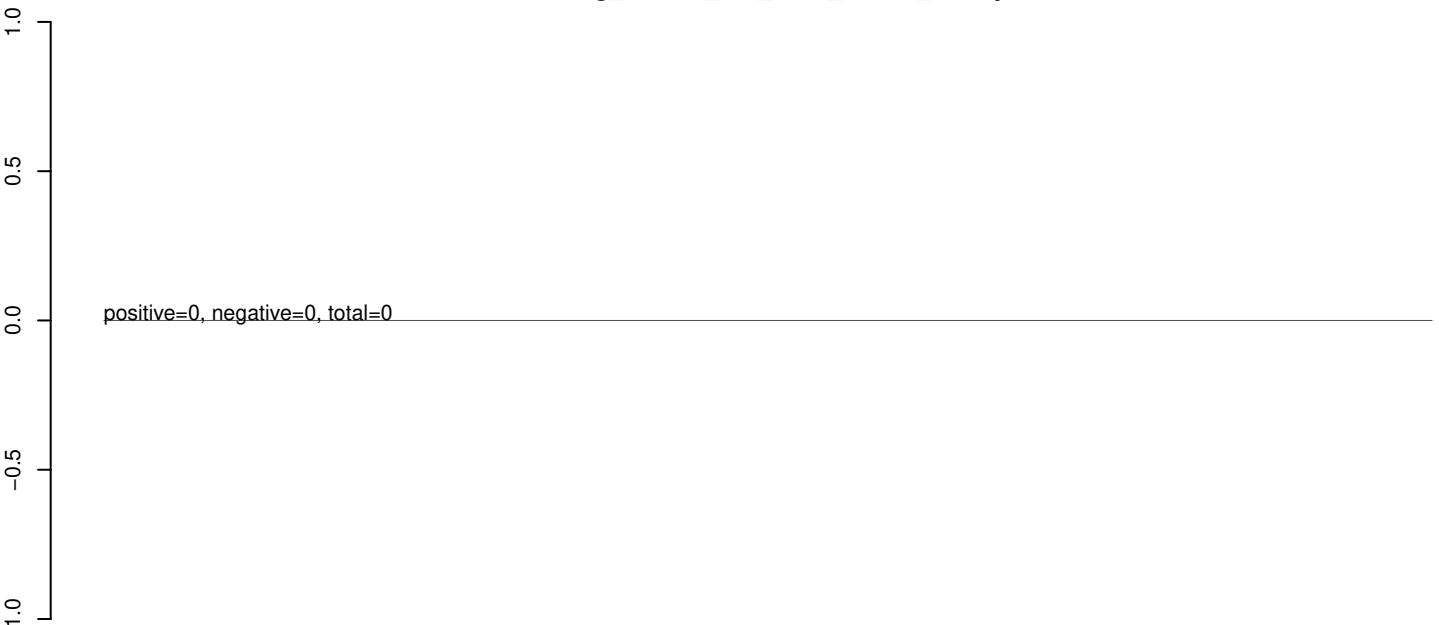
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



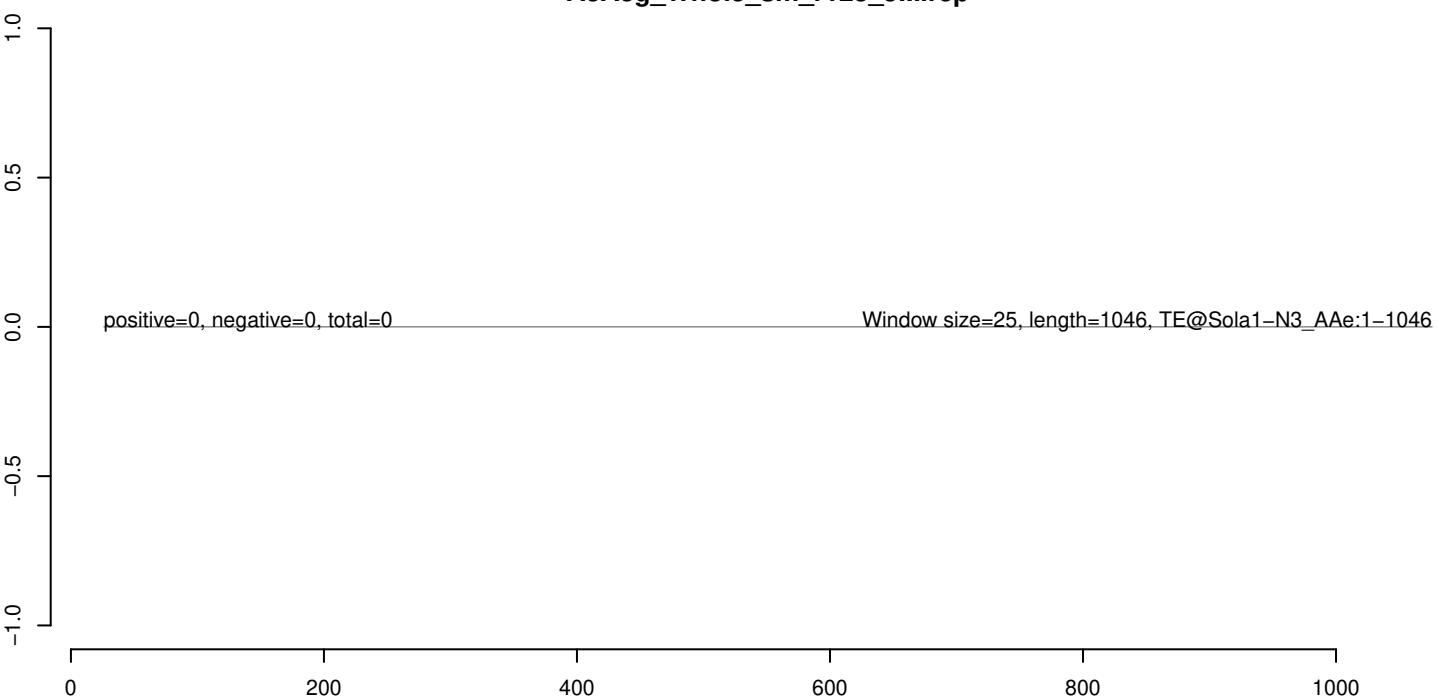
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



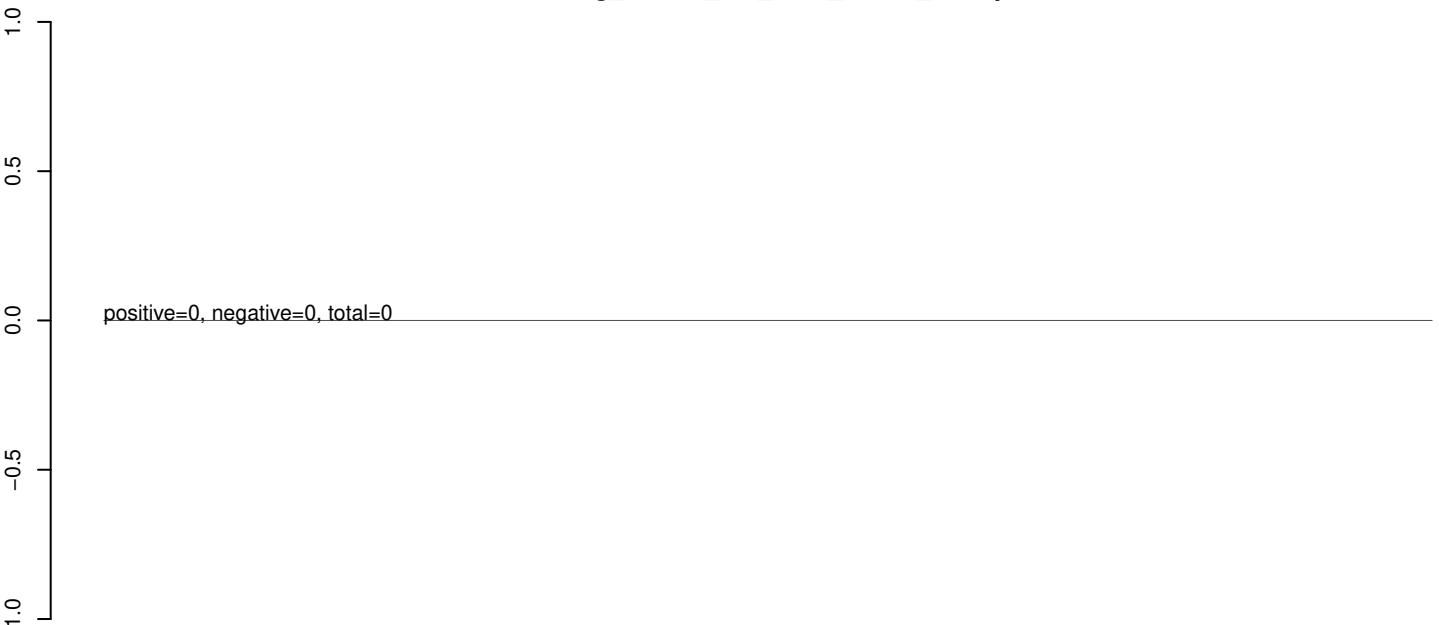
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



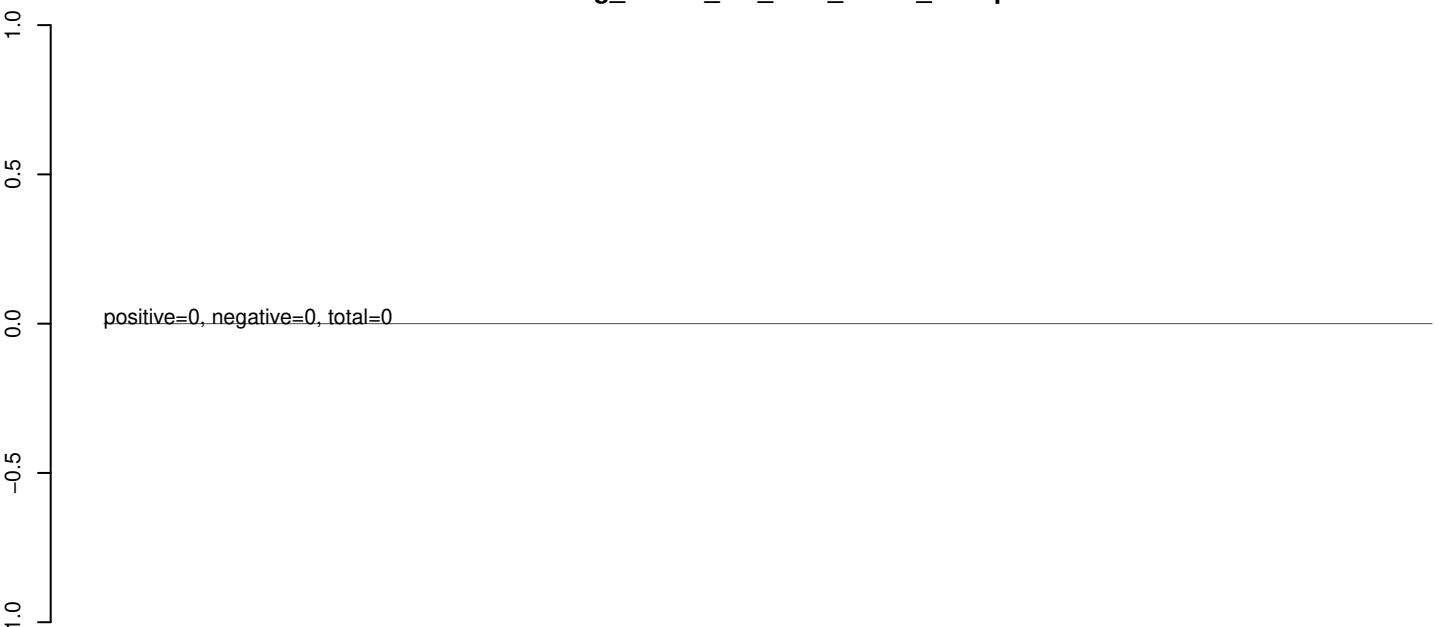
**AeAeg\_Whole\_sm\_r123\_JM.rep**



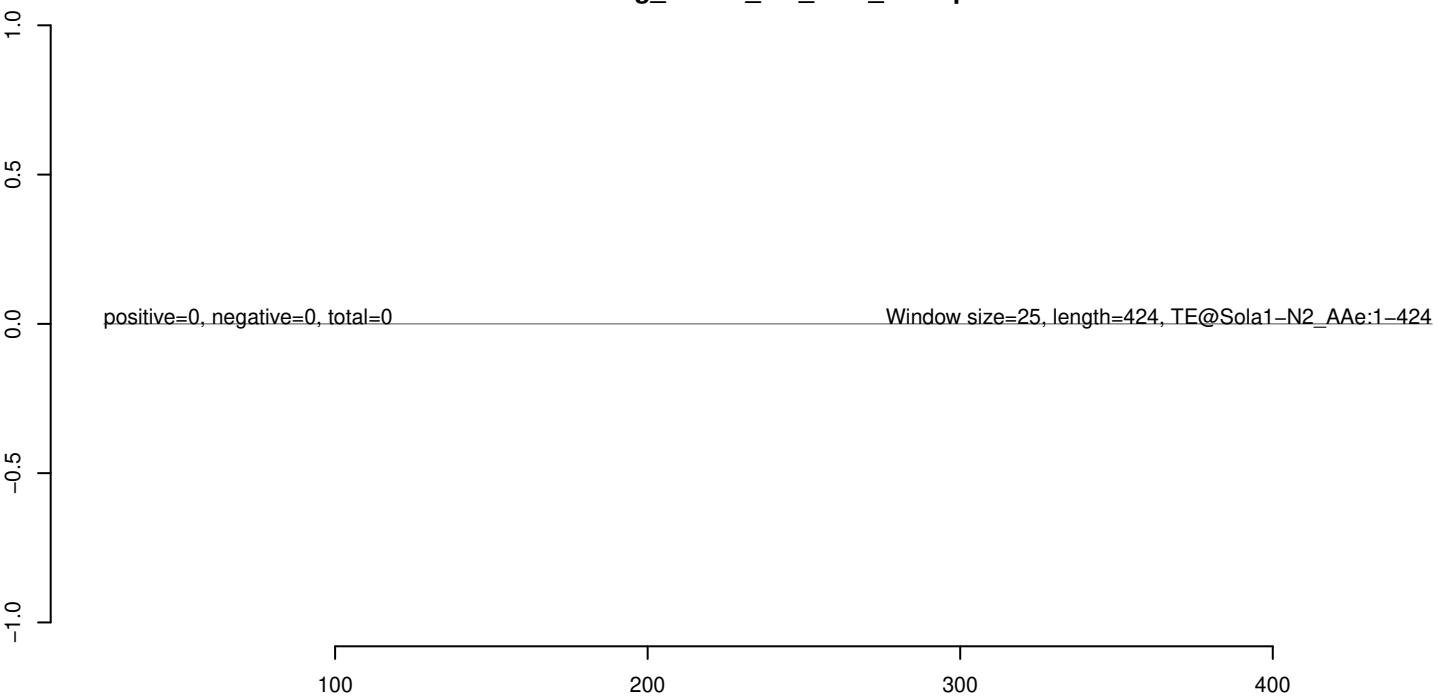
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

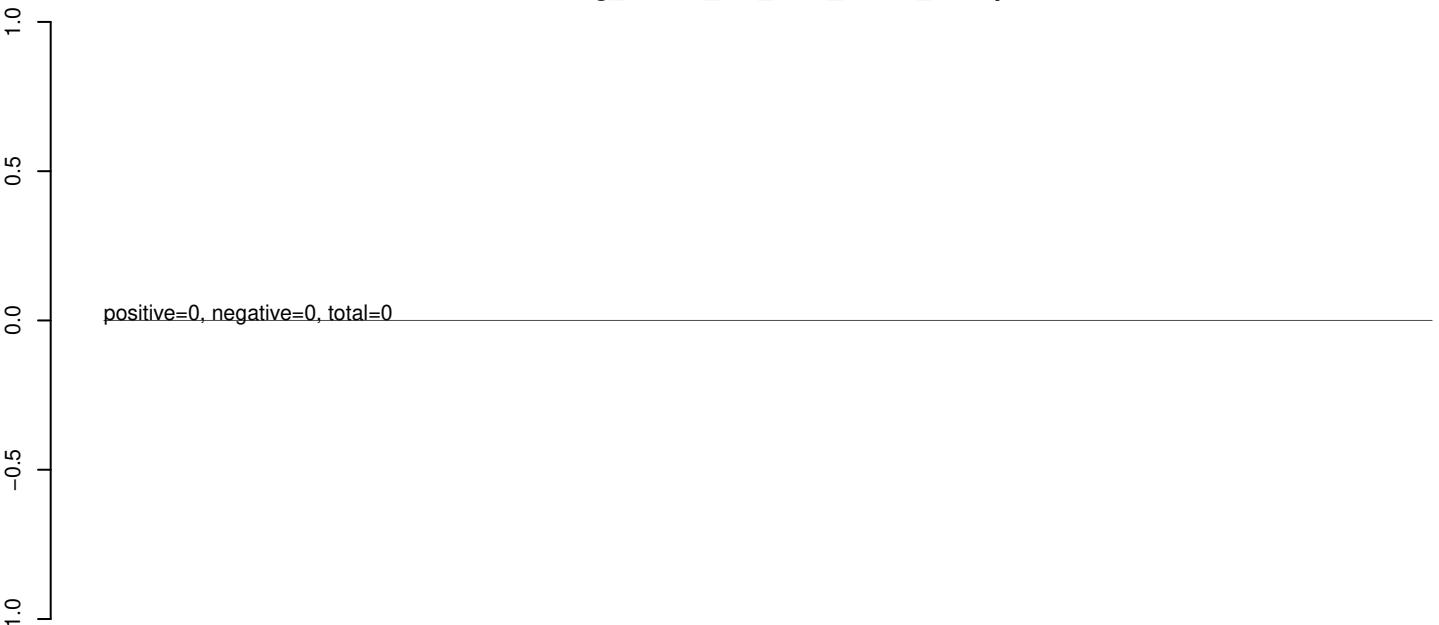
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

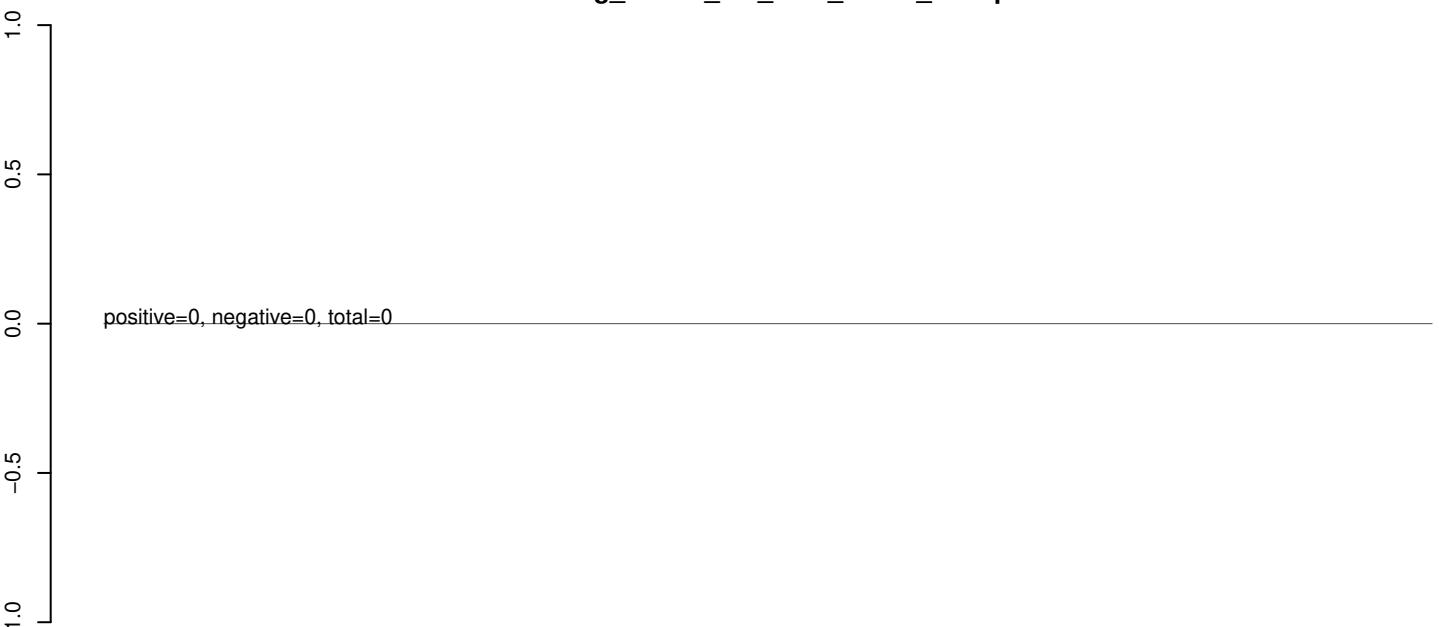
Window.size=25, length=2811, TE@Sola1-5\_AA:1-2811

0 500 1000 1500 2000 2500

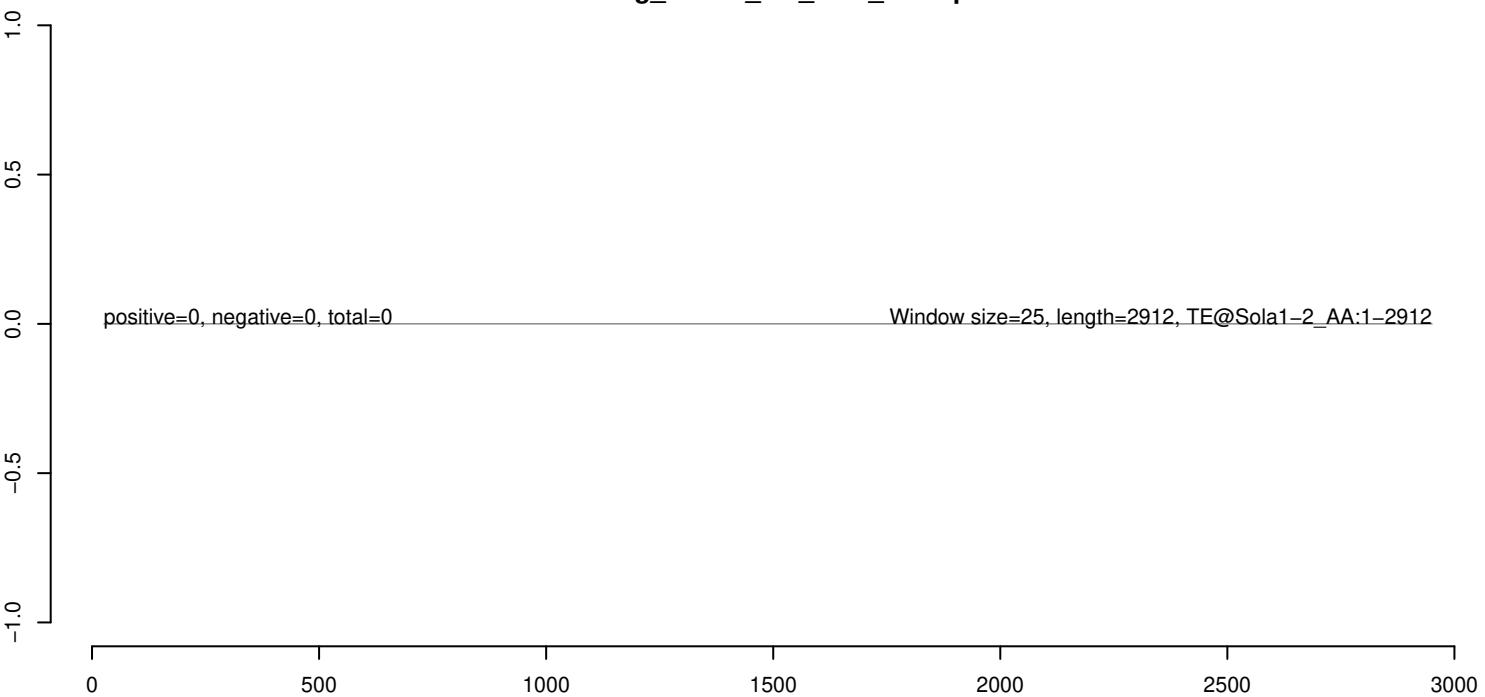
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

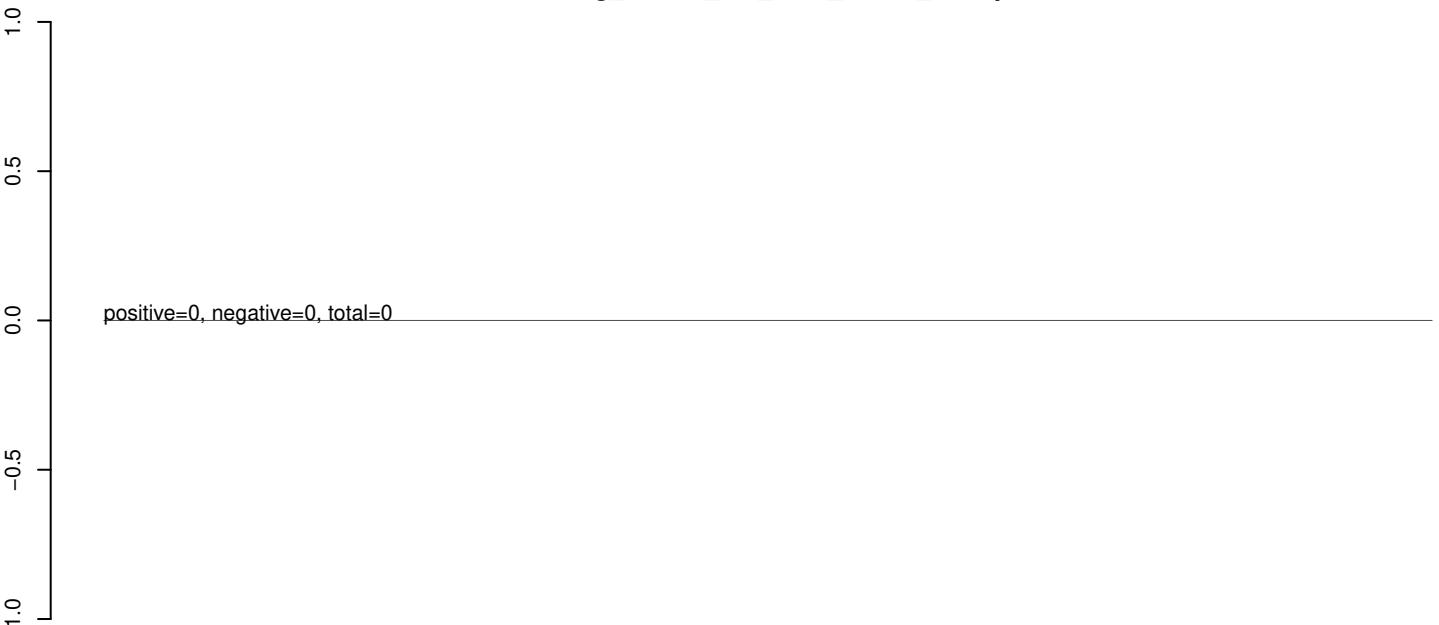
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

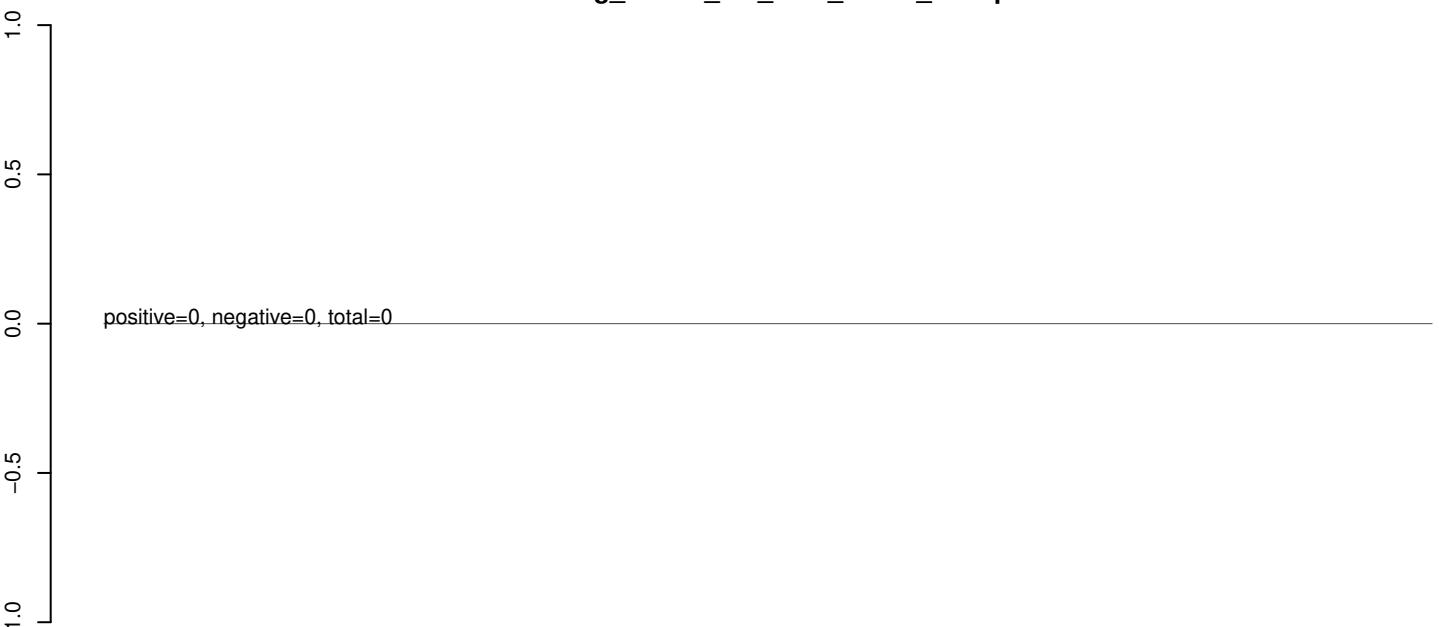
positive=0, negative=0, total=0

Window size=25, length=1949, TE@Shinagawa-9\_AAe:1-1949

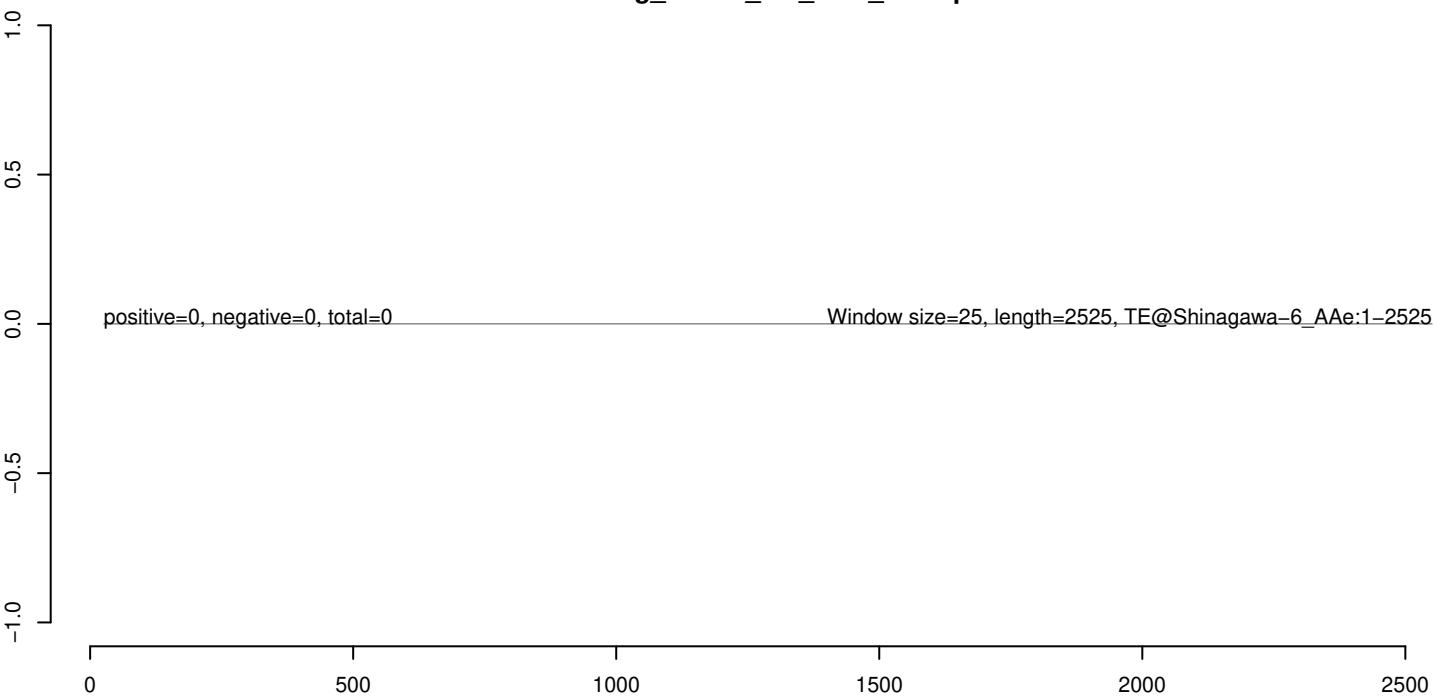
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



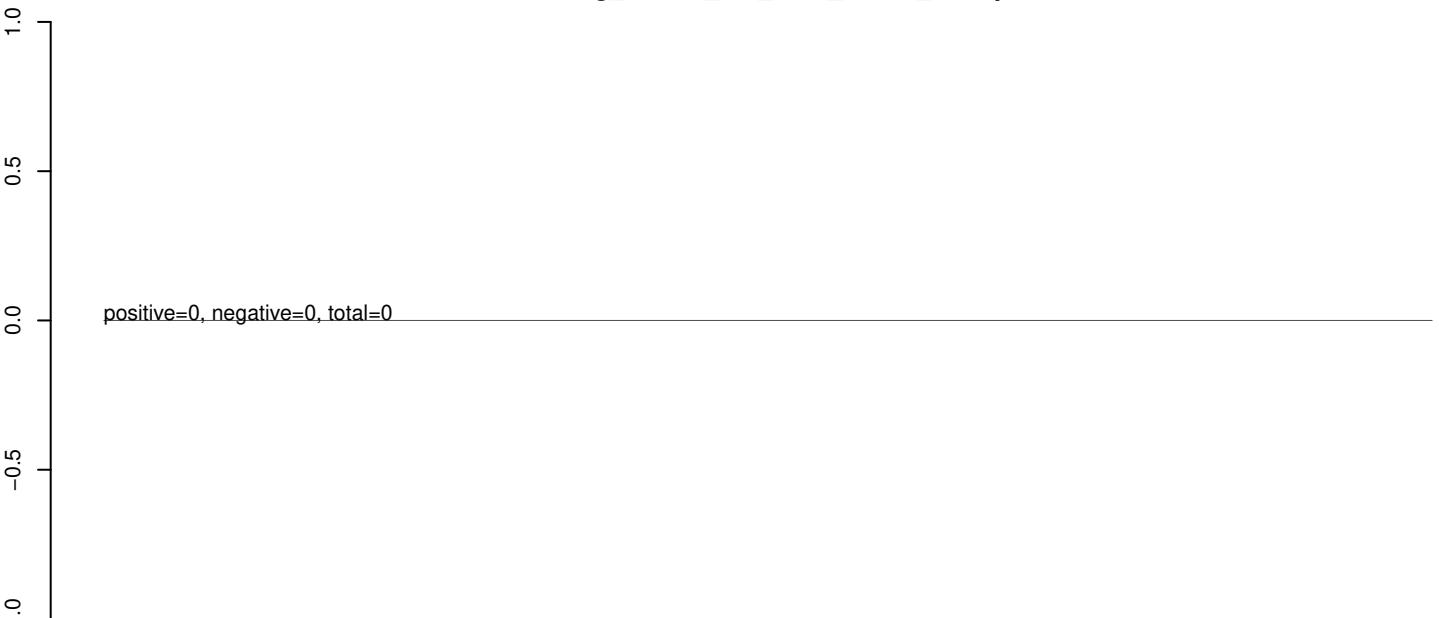
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



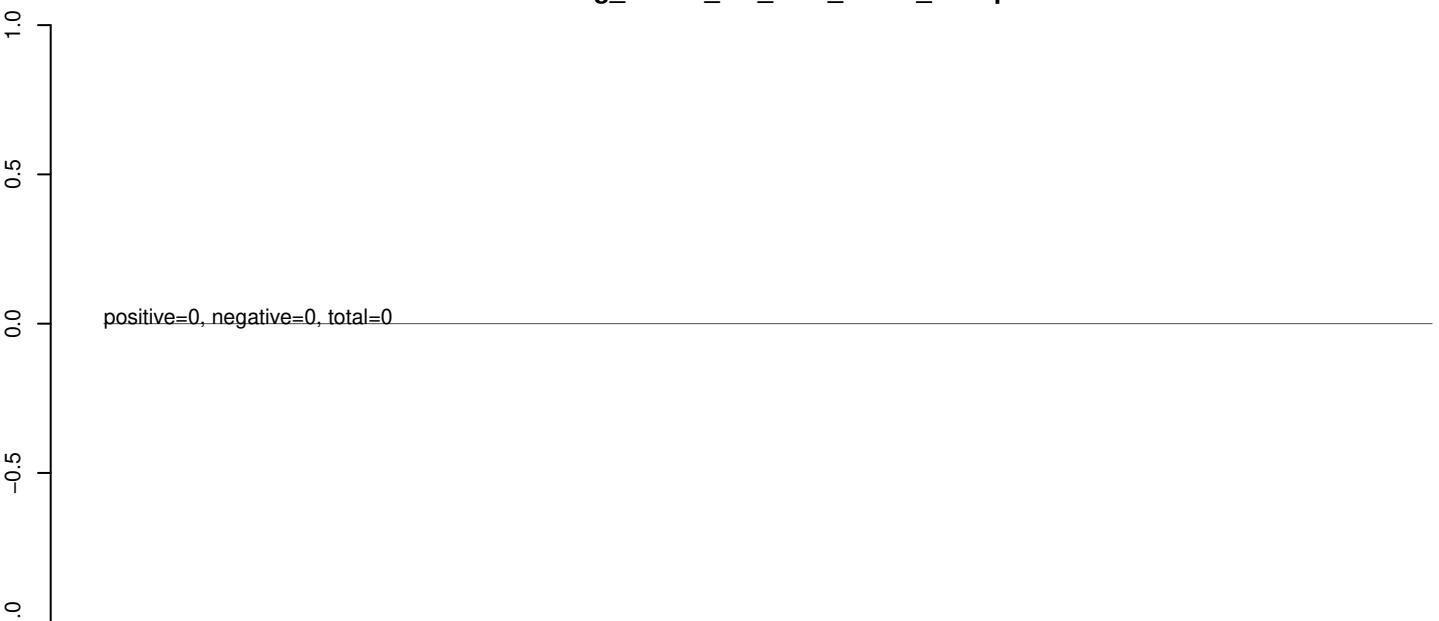
**AeAeg\_Whole\_sm\_r123\_JM.rep**



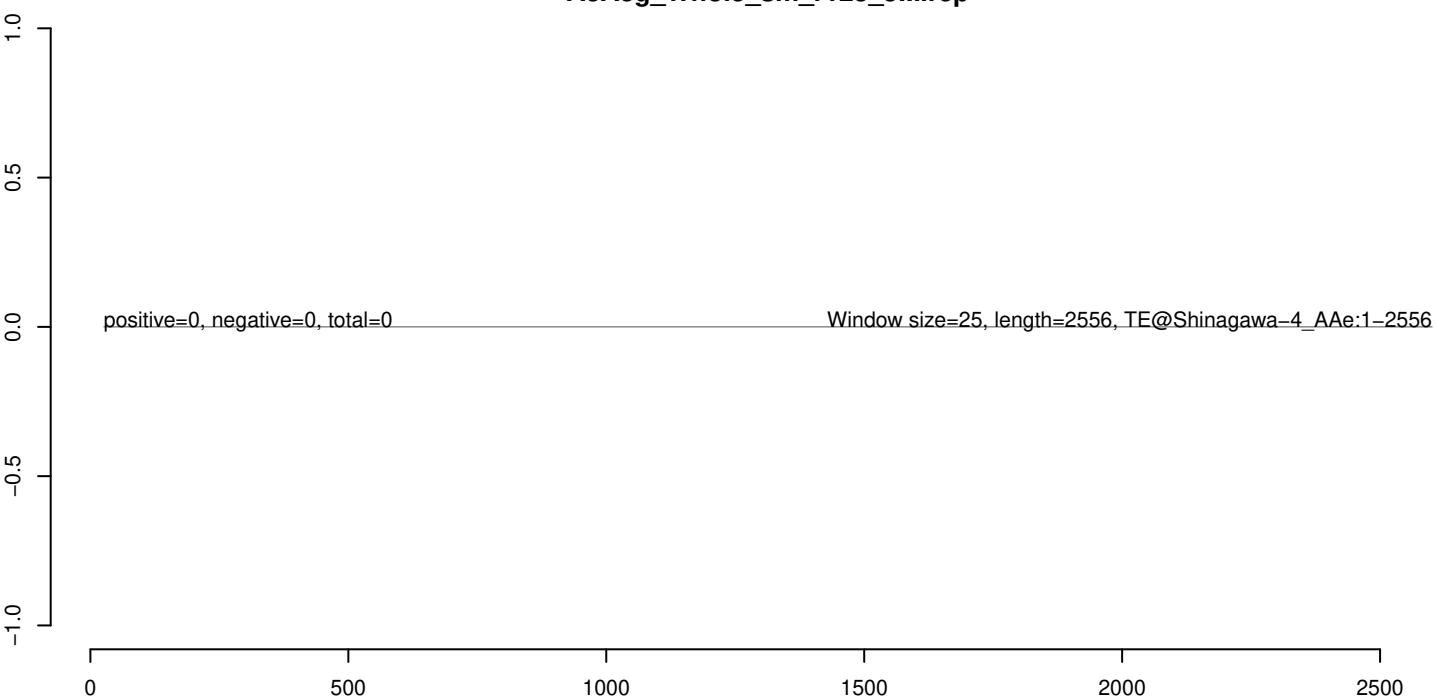
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



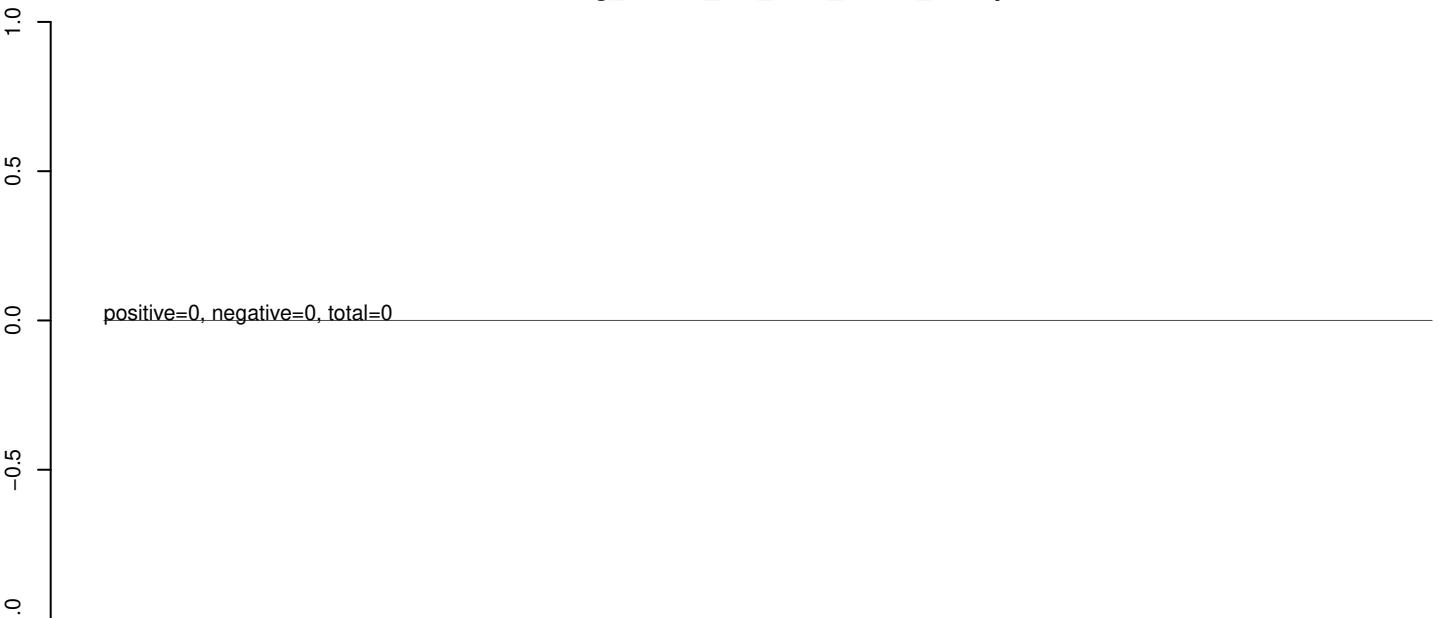
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



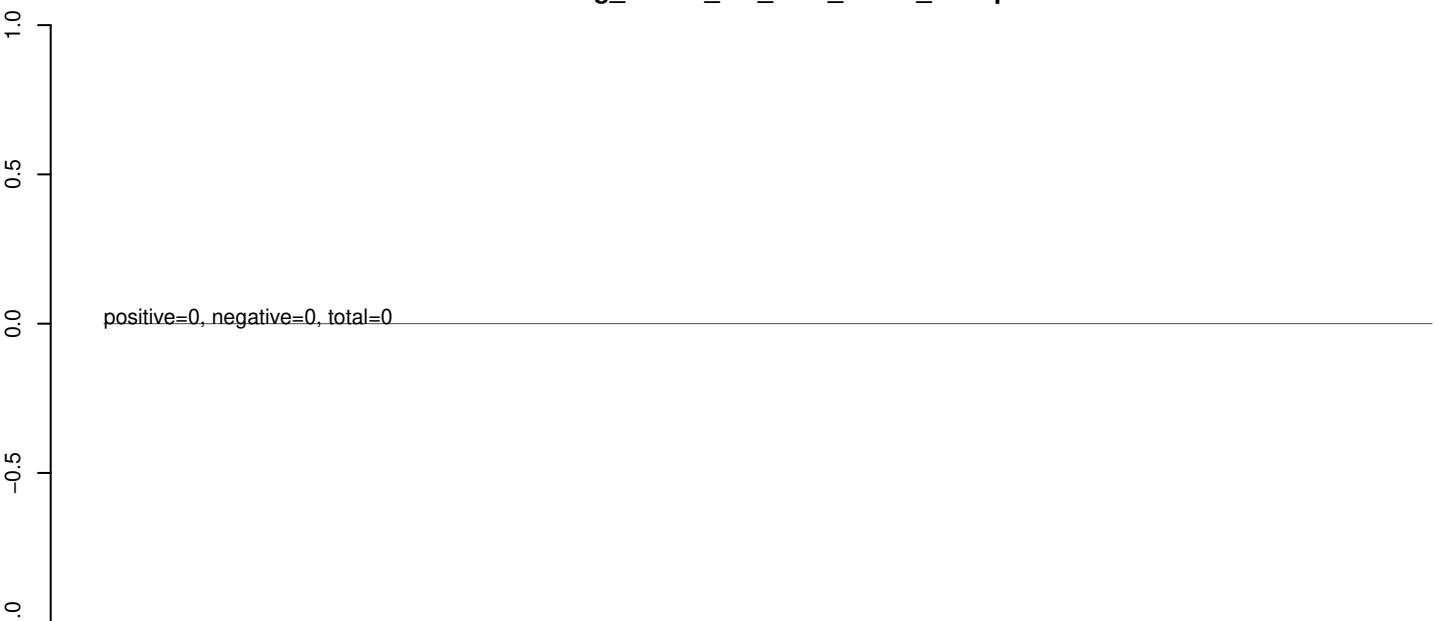
**AeAeg\_Whole\_sm\_r123\_JM.rep**



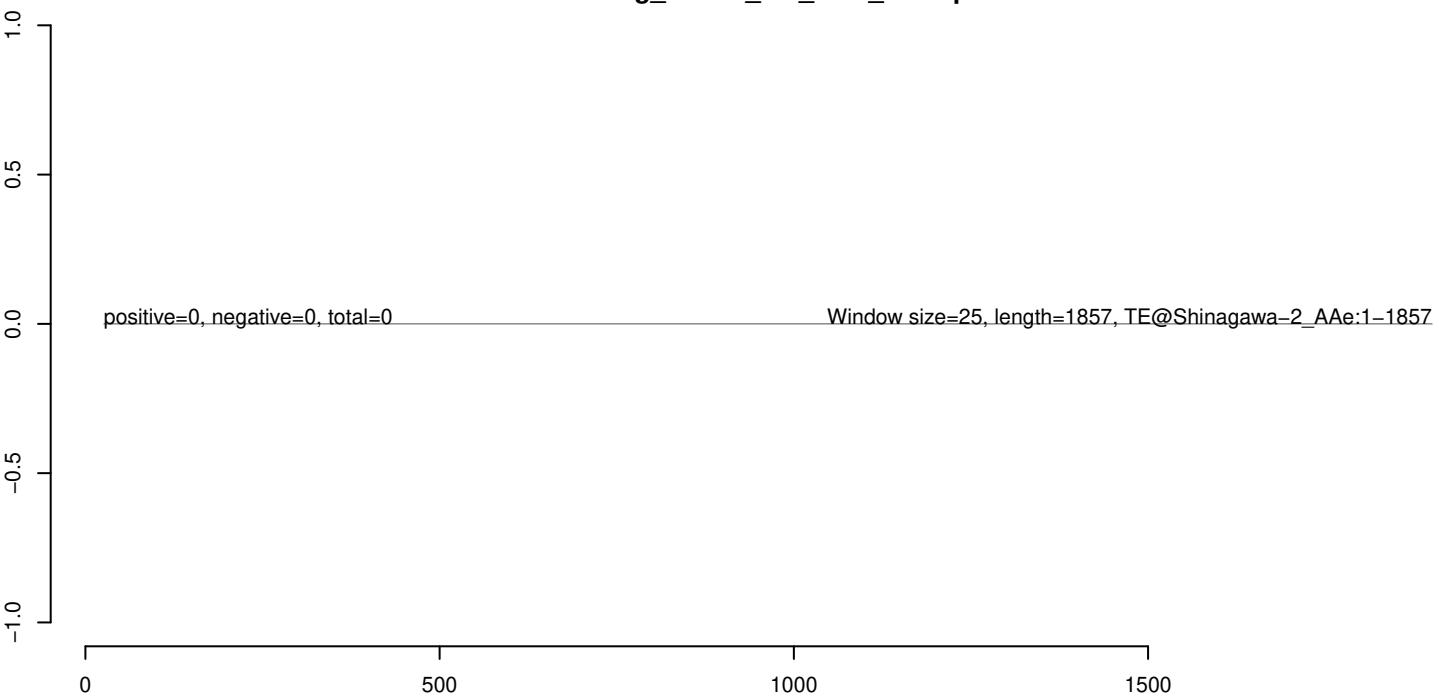
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



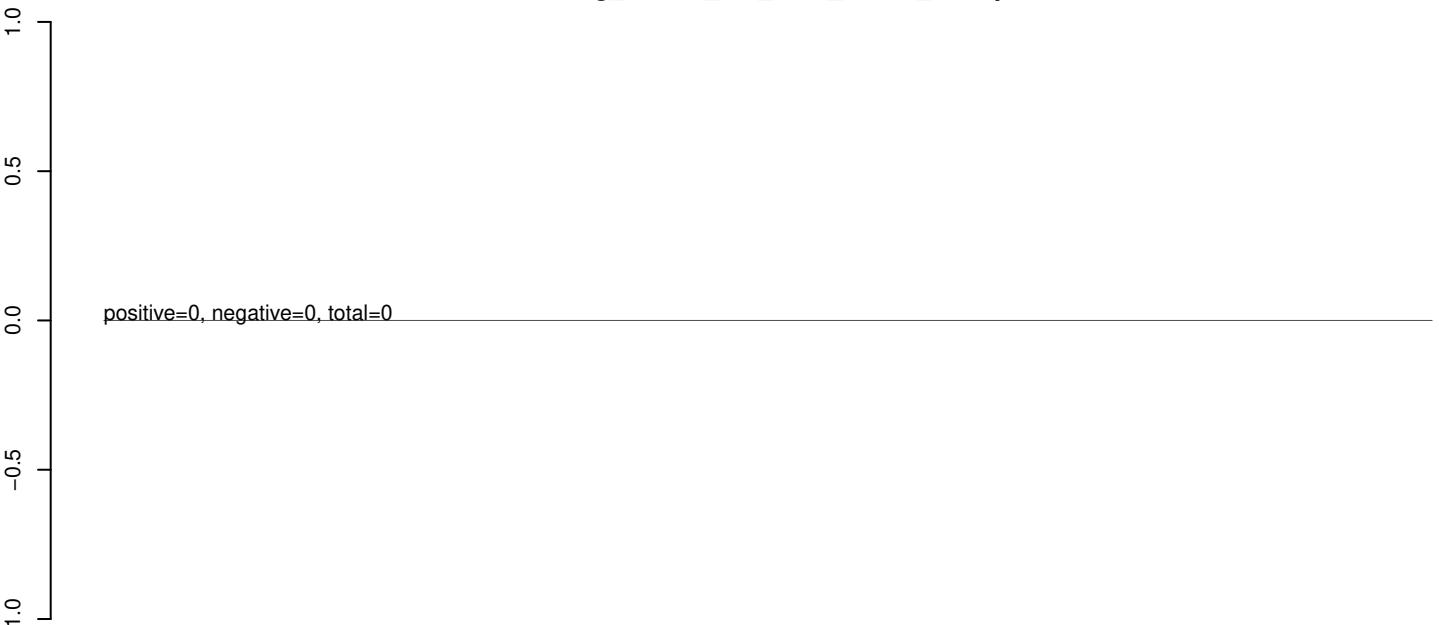
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



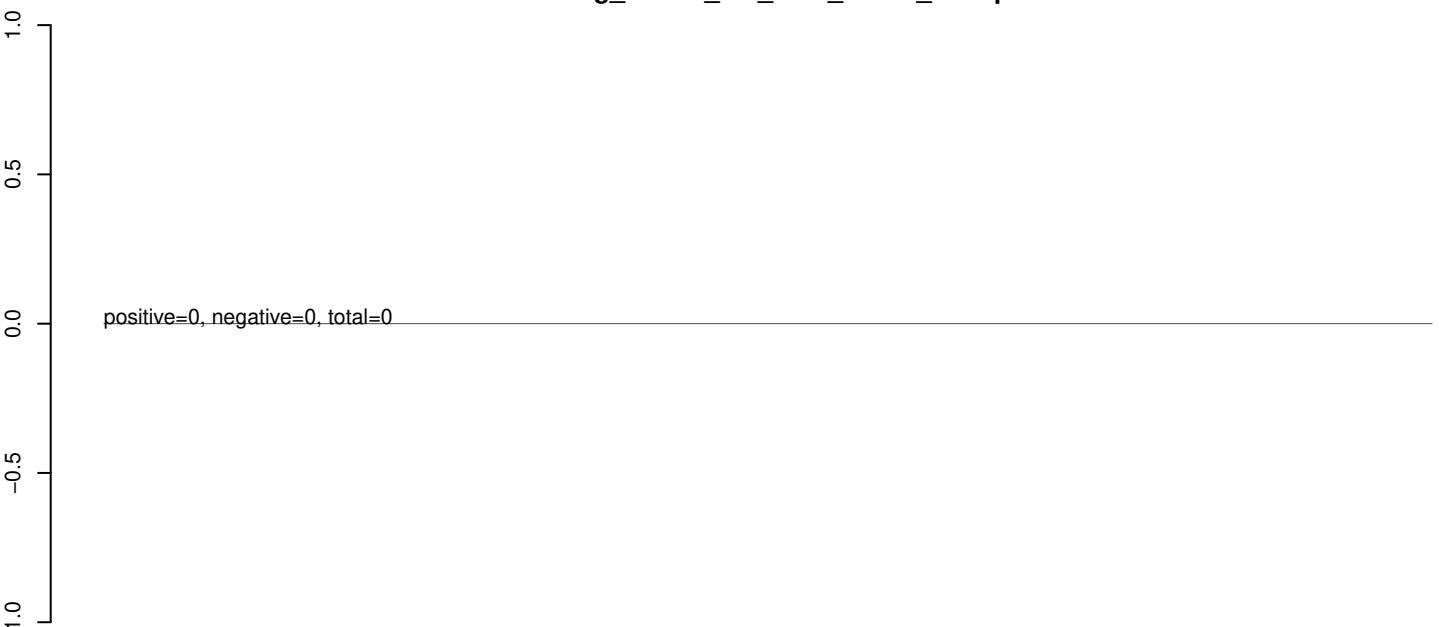
### AeAeg\_Whole\_sm\_r123\_JM.rep



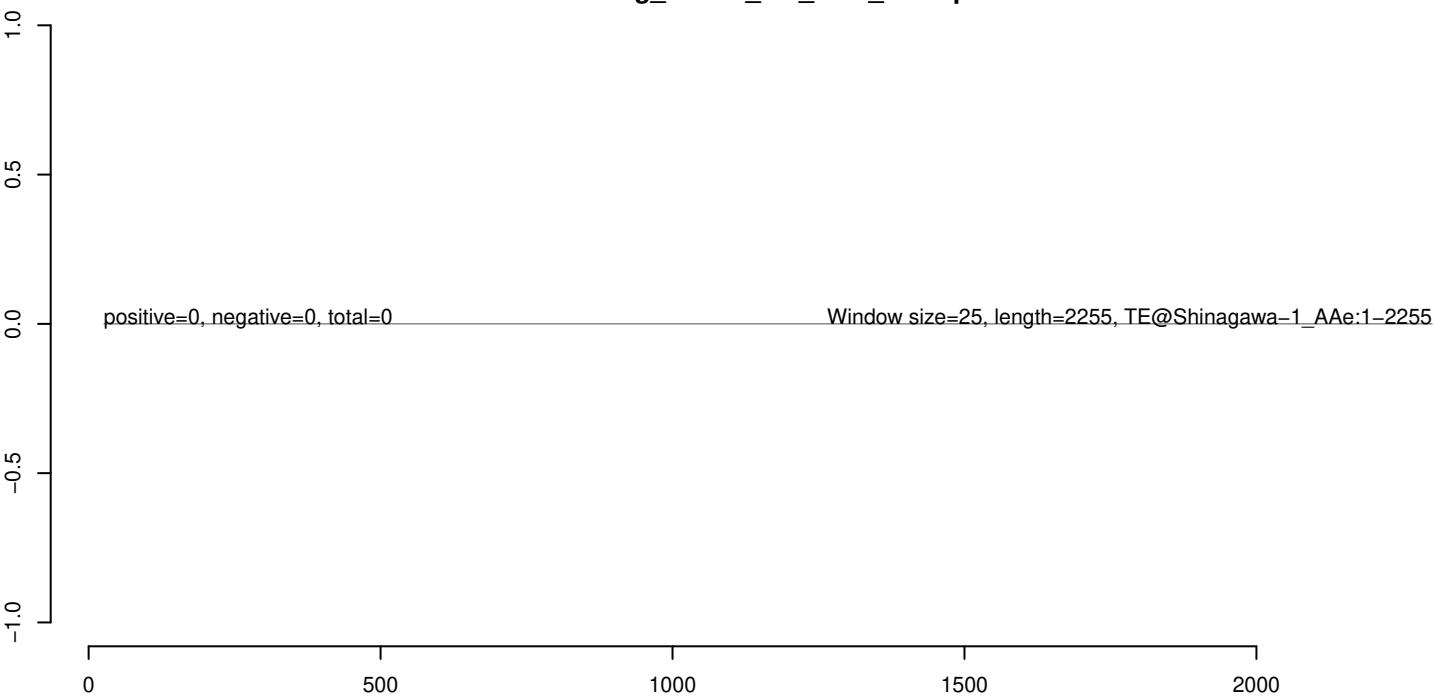
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

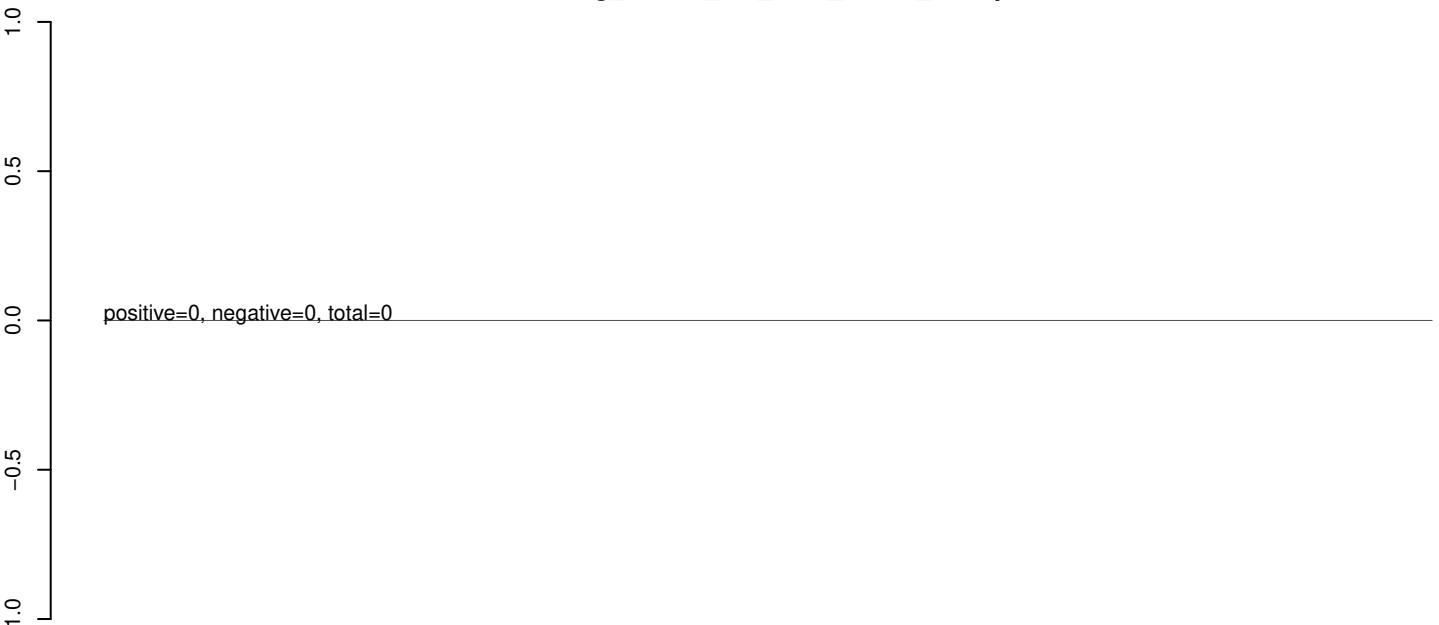
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

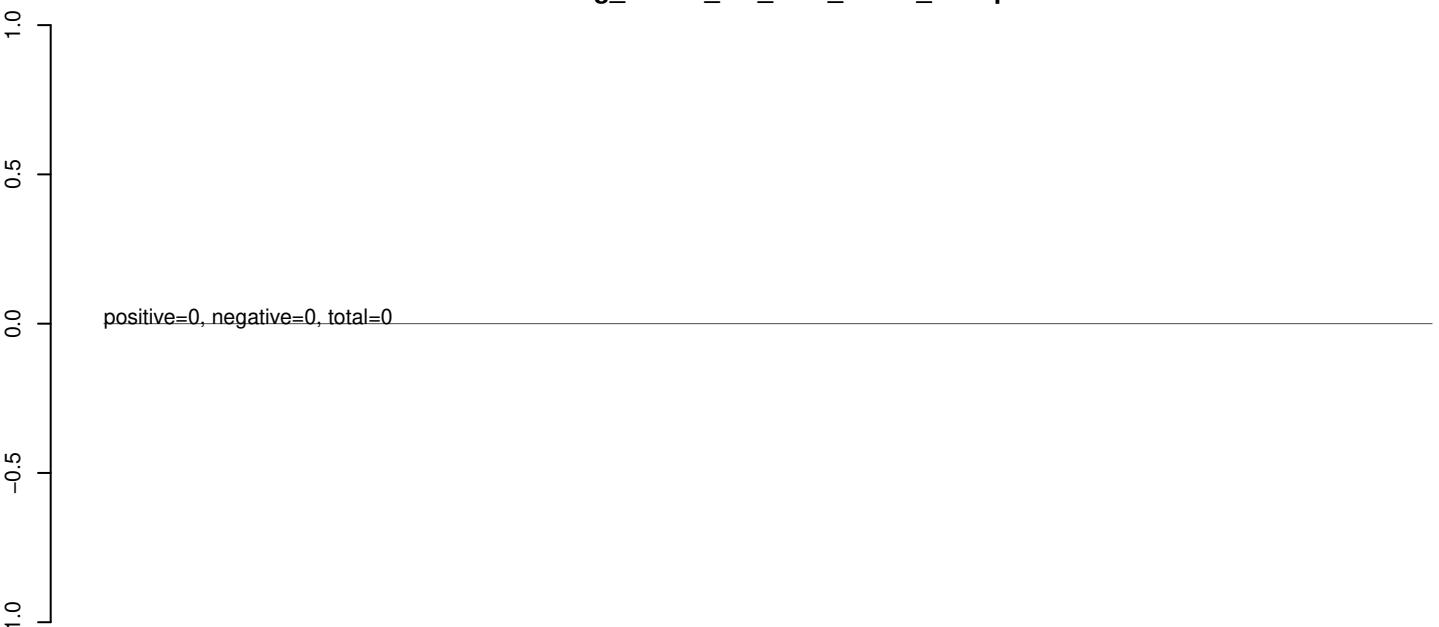
positive=0, negative=0, total=0

Window size=25, length=2258, TE@Shinagawa-11\_AAe:1-2258

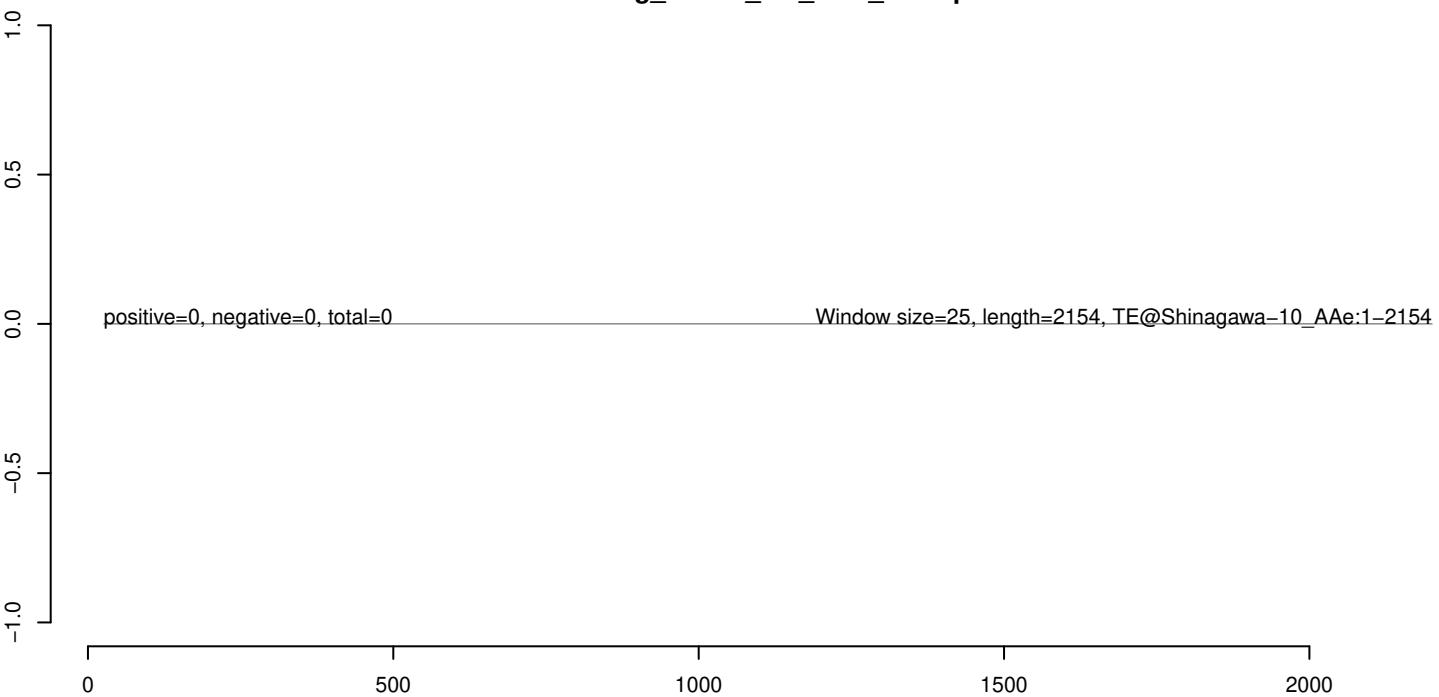
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

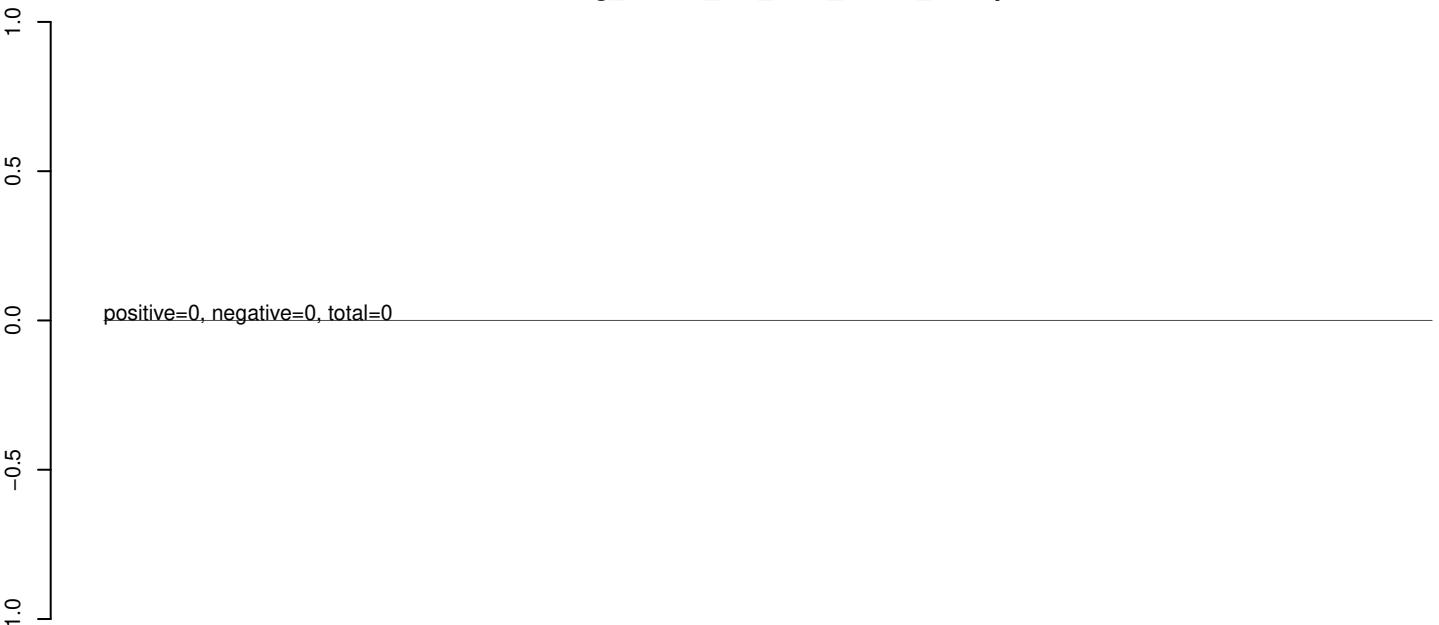
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

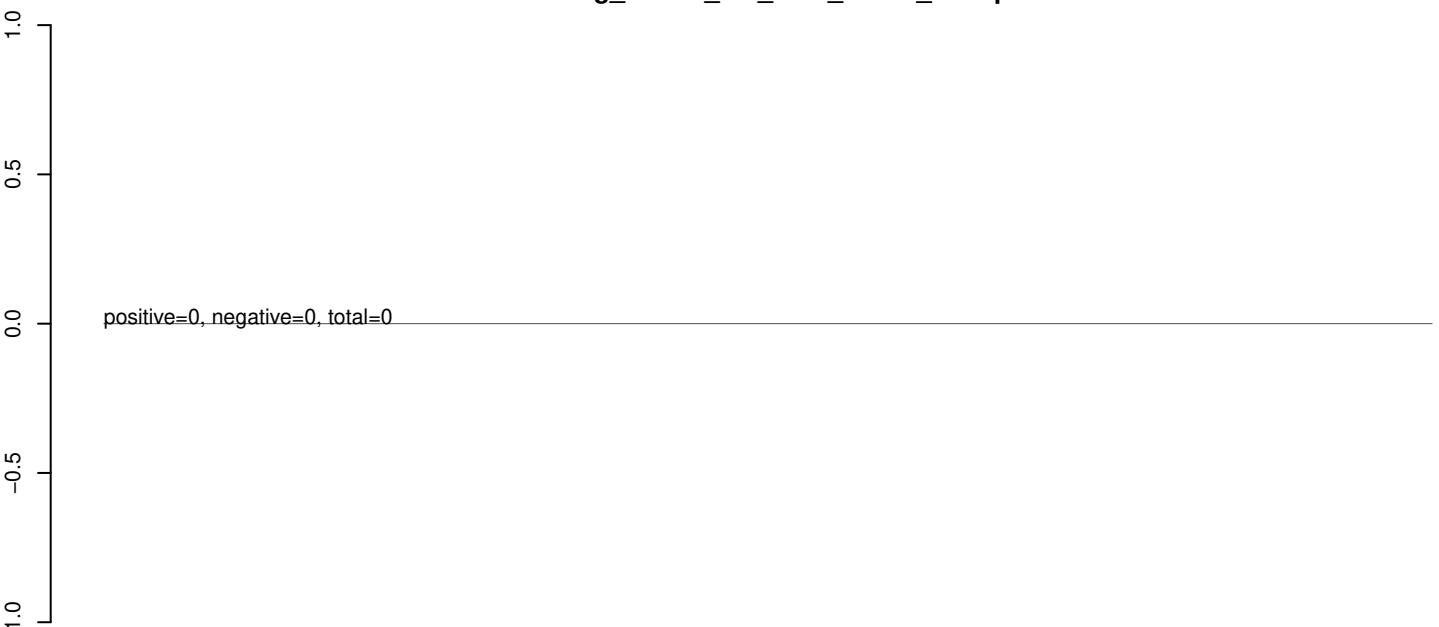
positive=0, negative=0, total=0

Window size=25, length=1703, TE@R=976-UNKNOWN:1-1703

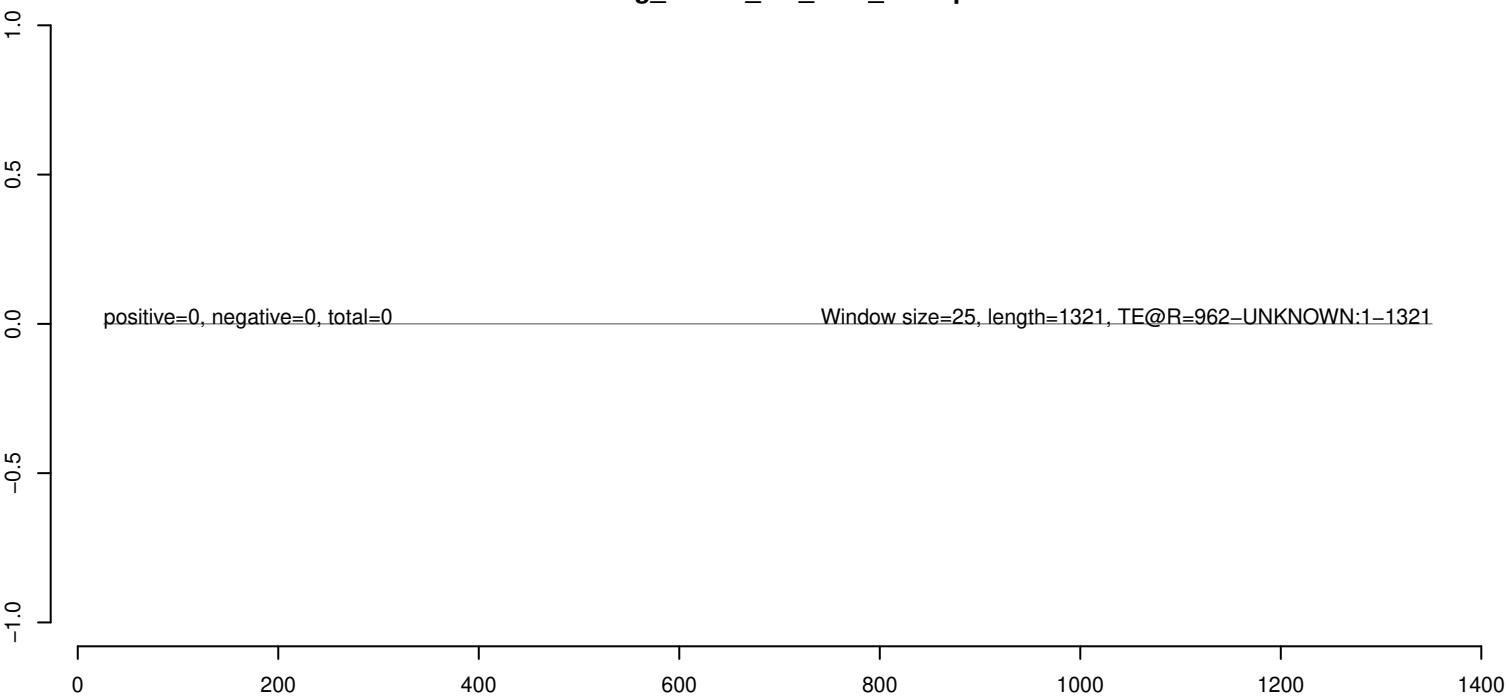
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1717, TE@R=947-UNKNOWN:1-1717

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

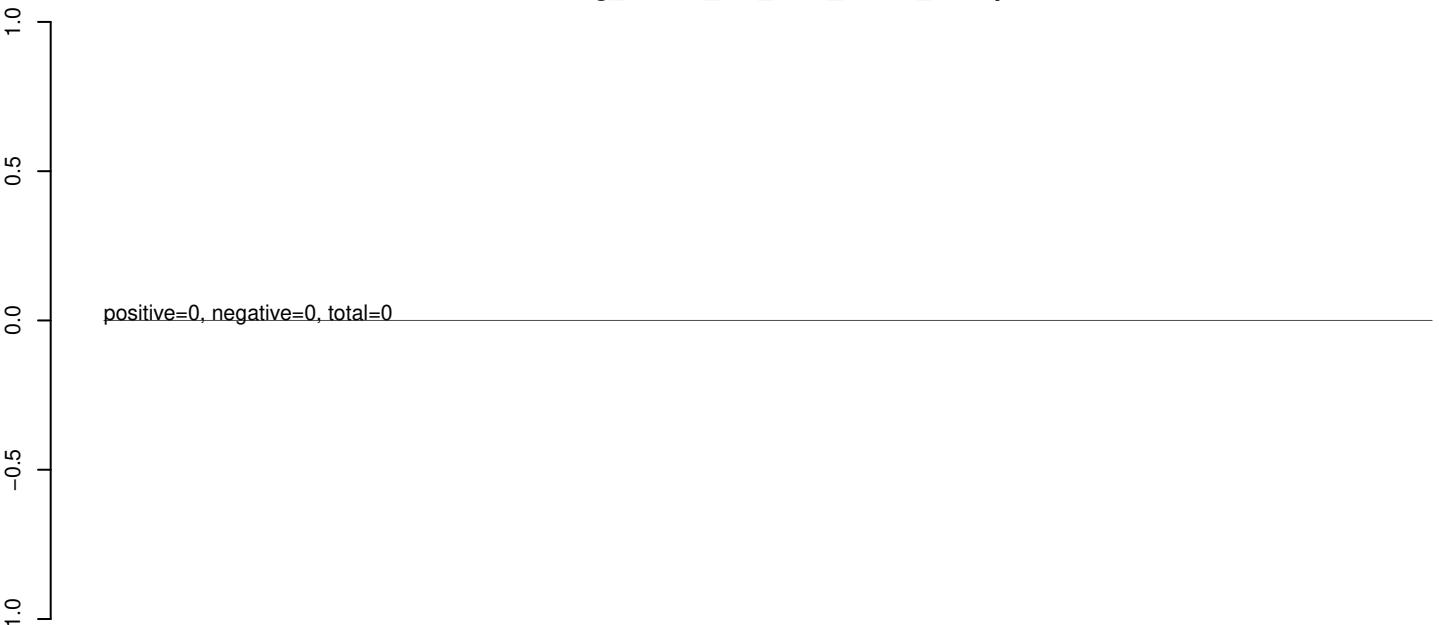
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

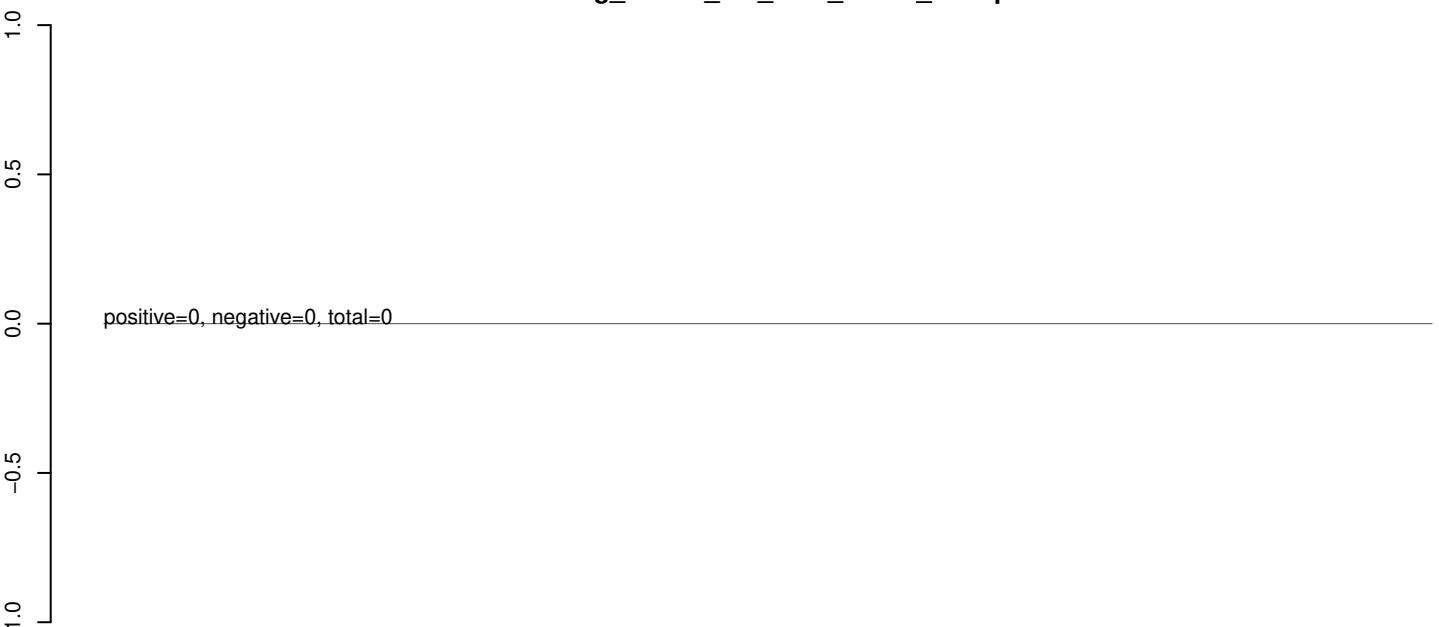
positive=0, negative=0, total=0

Window size=25, length=1564, TE@R=937-UNKNOWN:1-1564

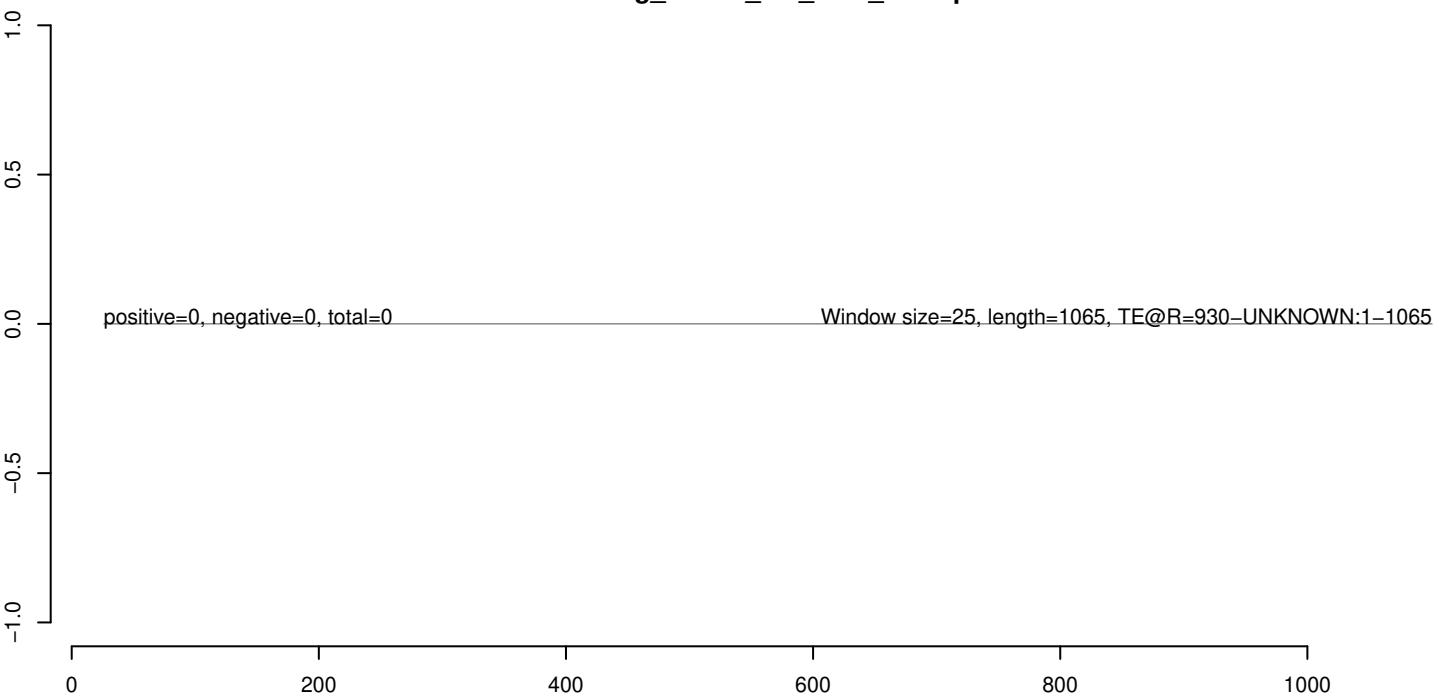
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



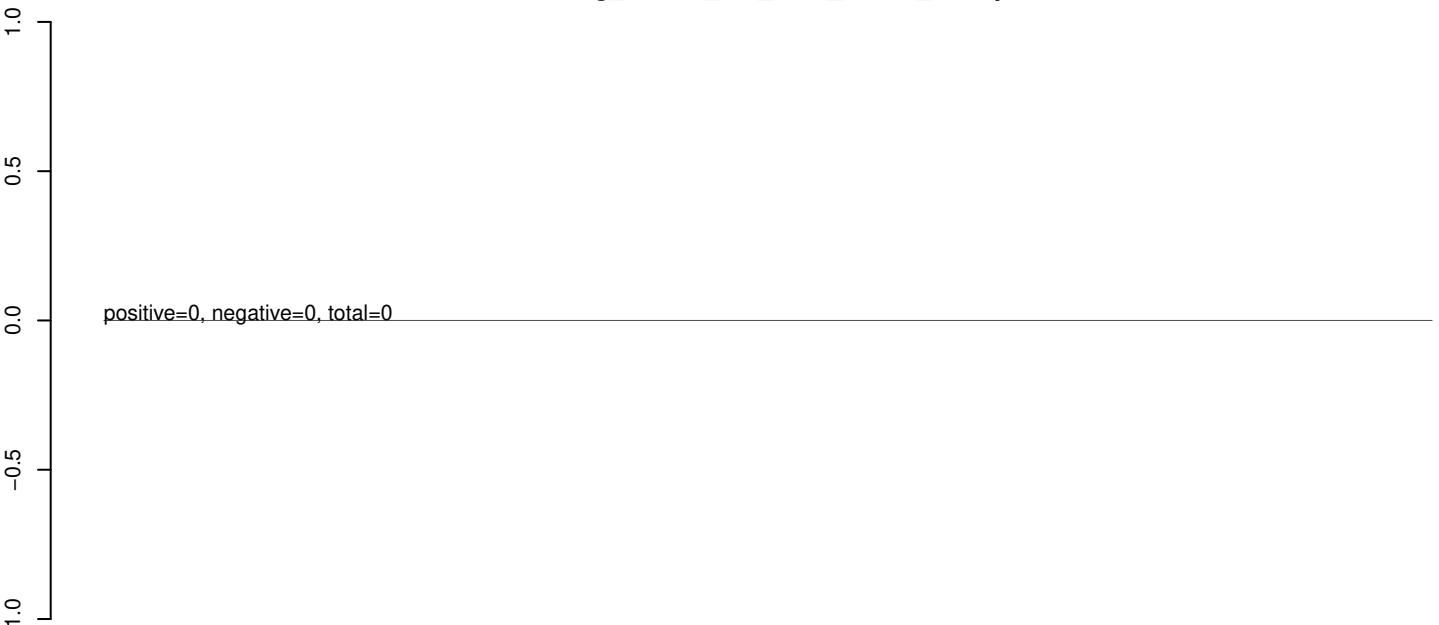
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



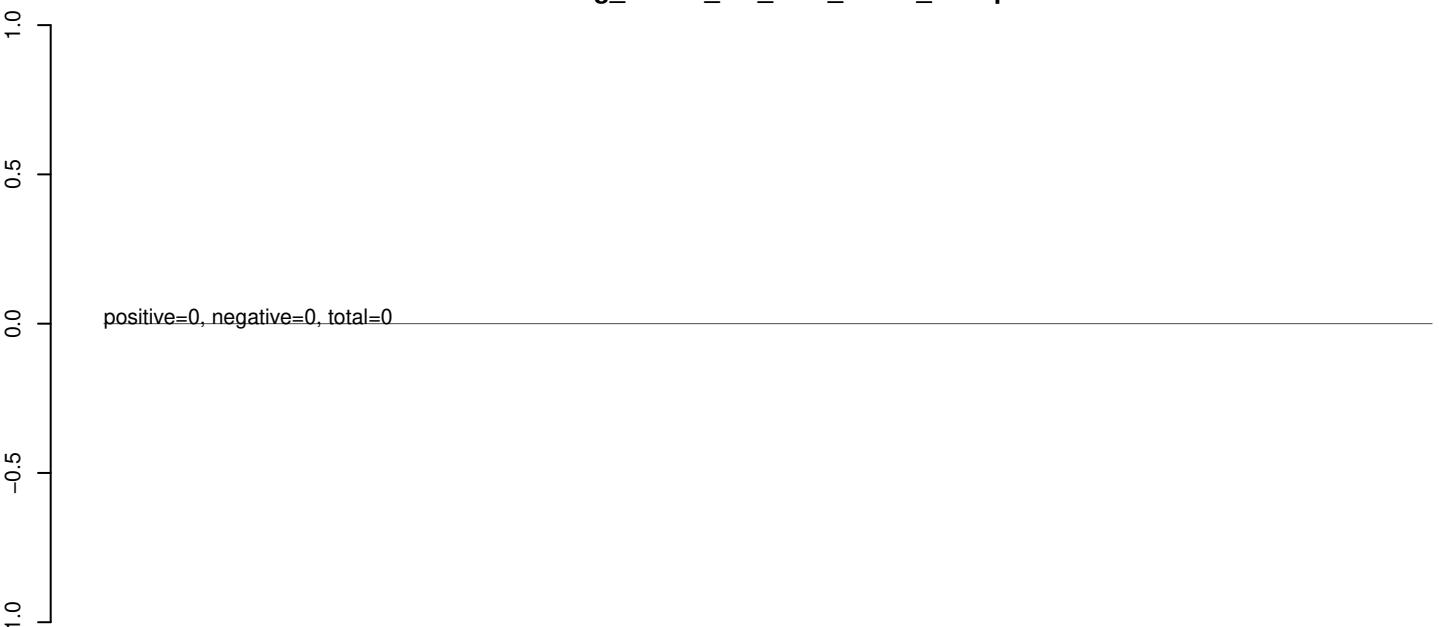
**AeAeg\_Whole\_sm\_r123\_JM.rep**



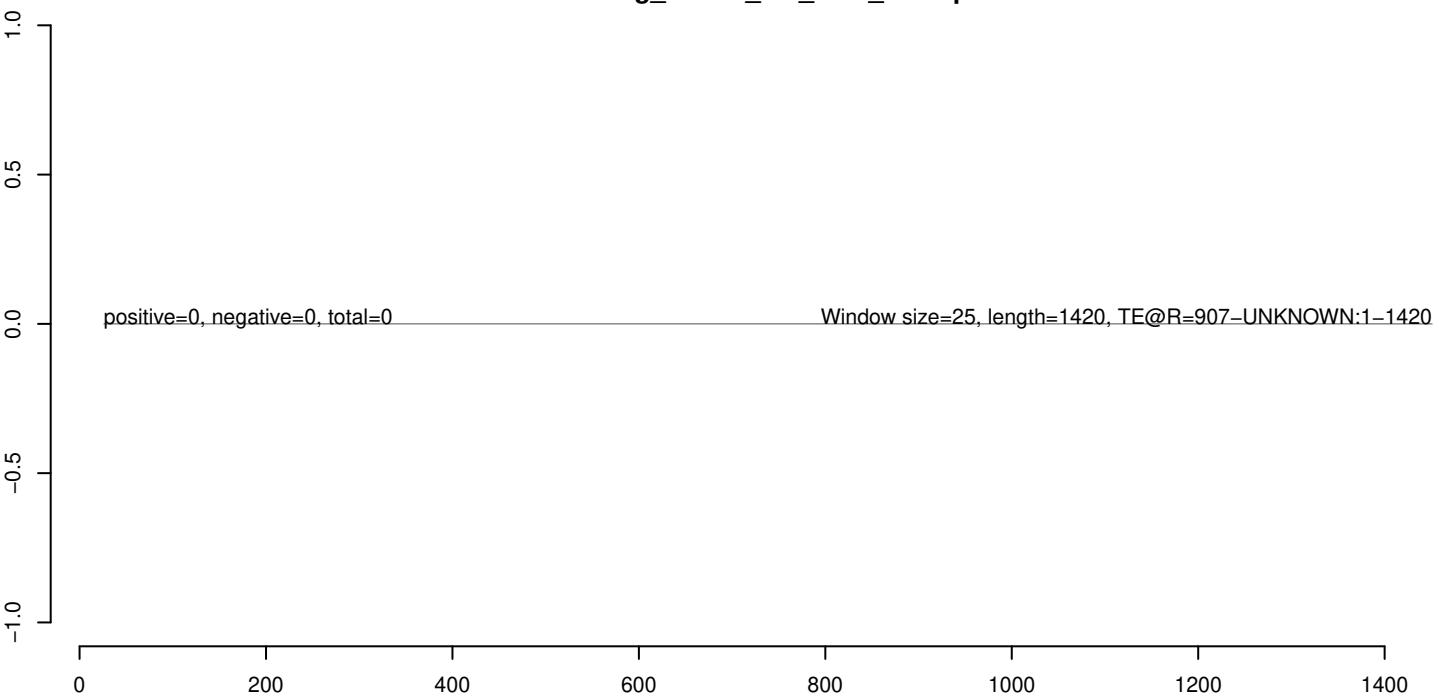
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

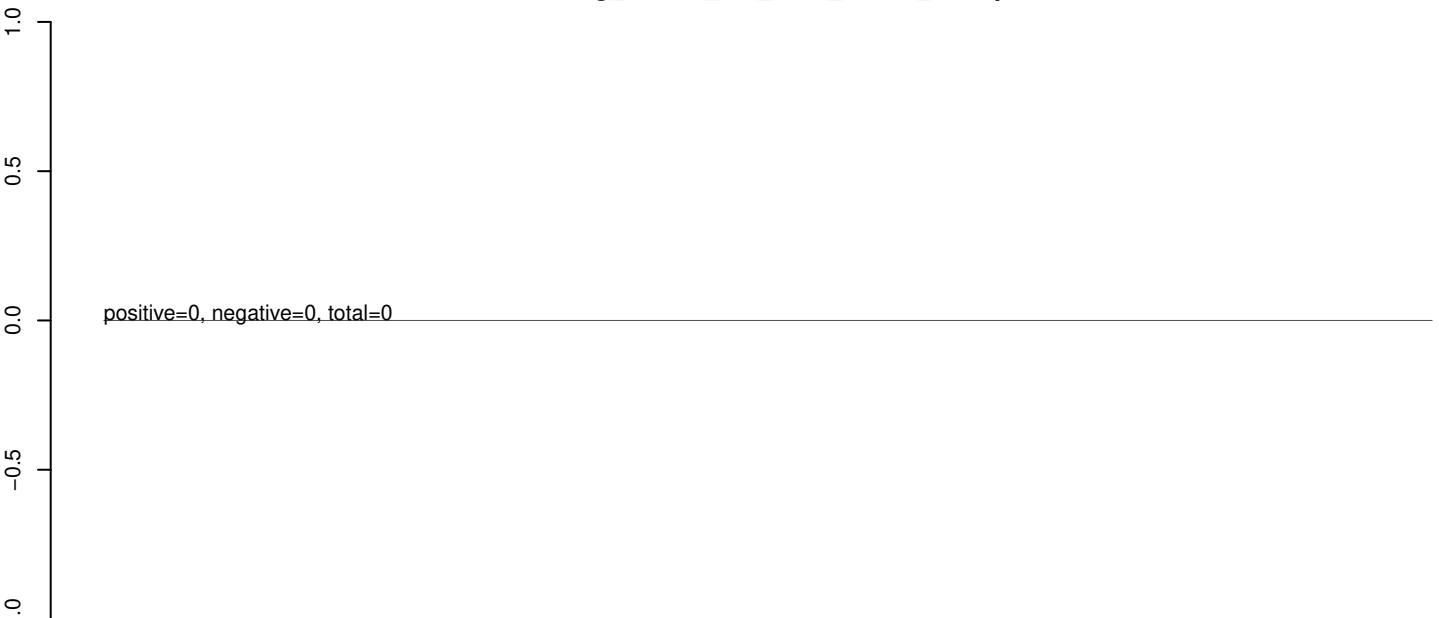
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

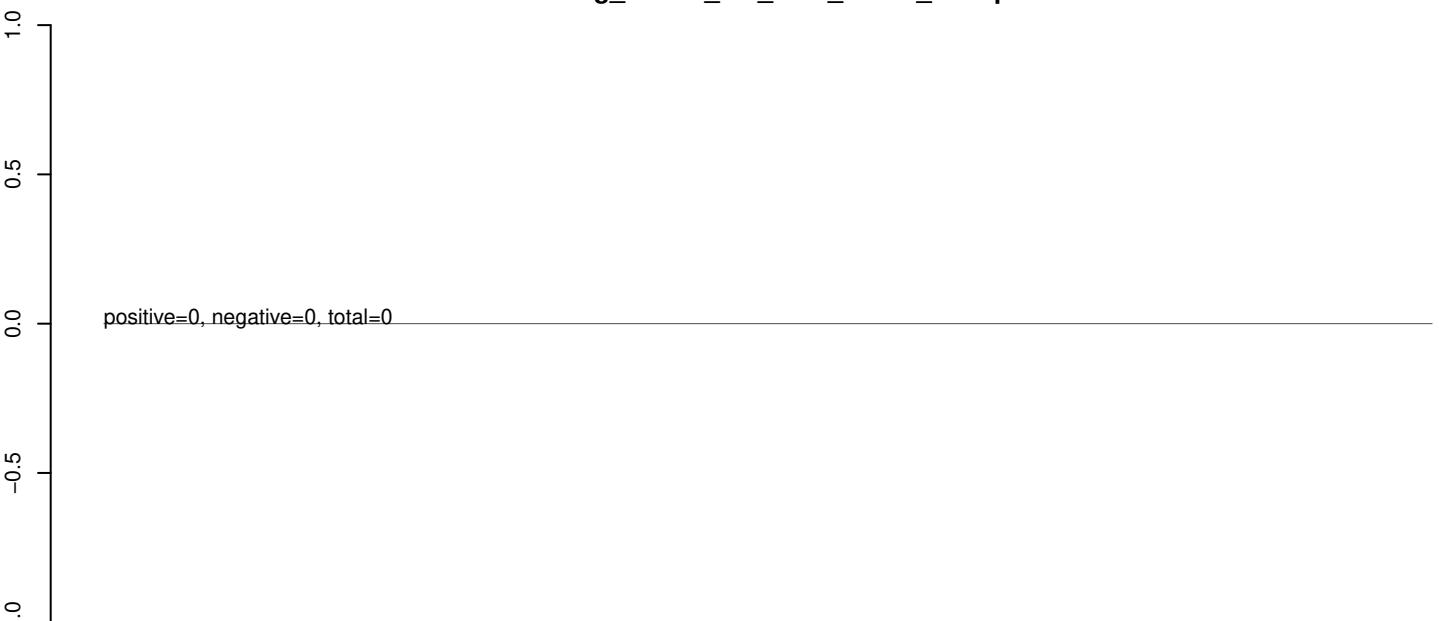
Window size=25, length=1243, TE@R=895-UNKNOWN:1-1243

0 200 400 600 800 1000 1200

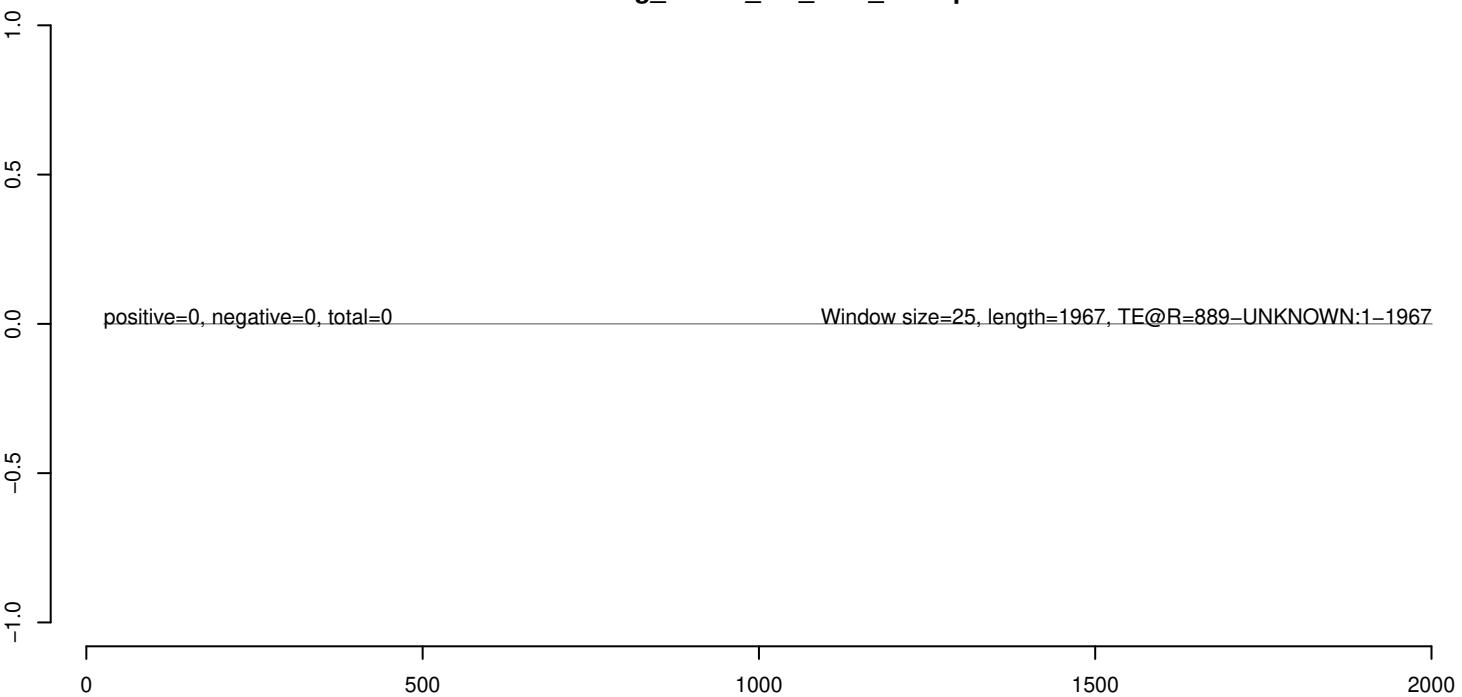
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



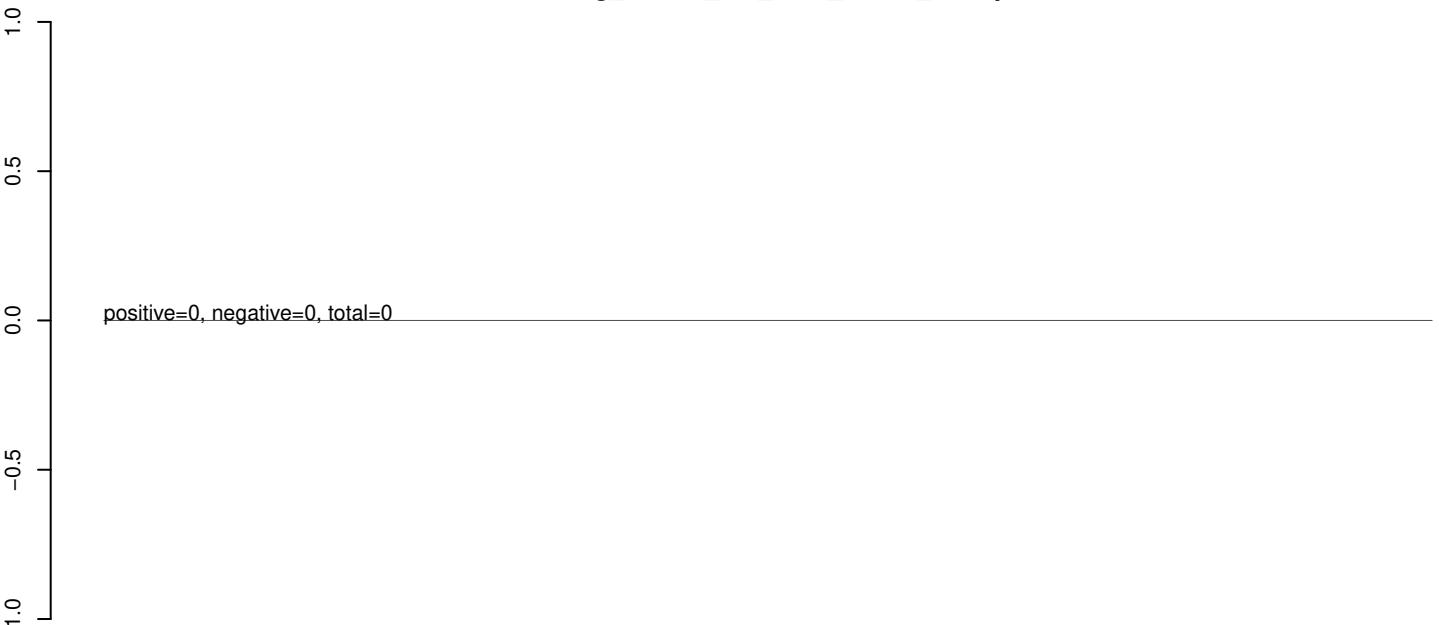
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



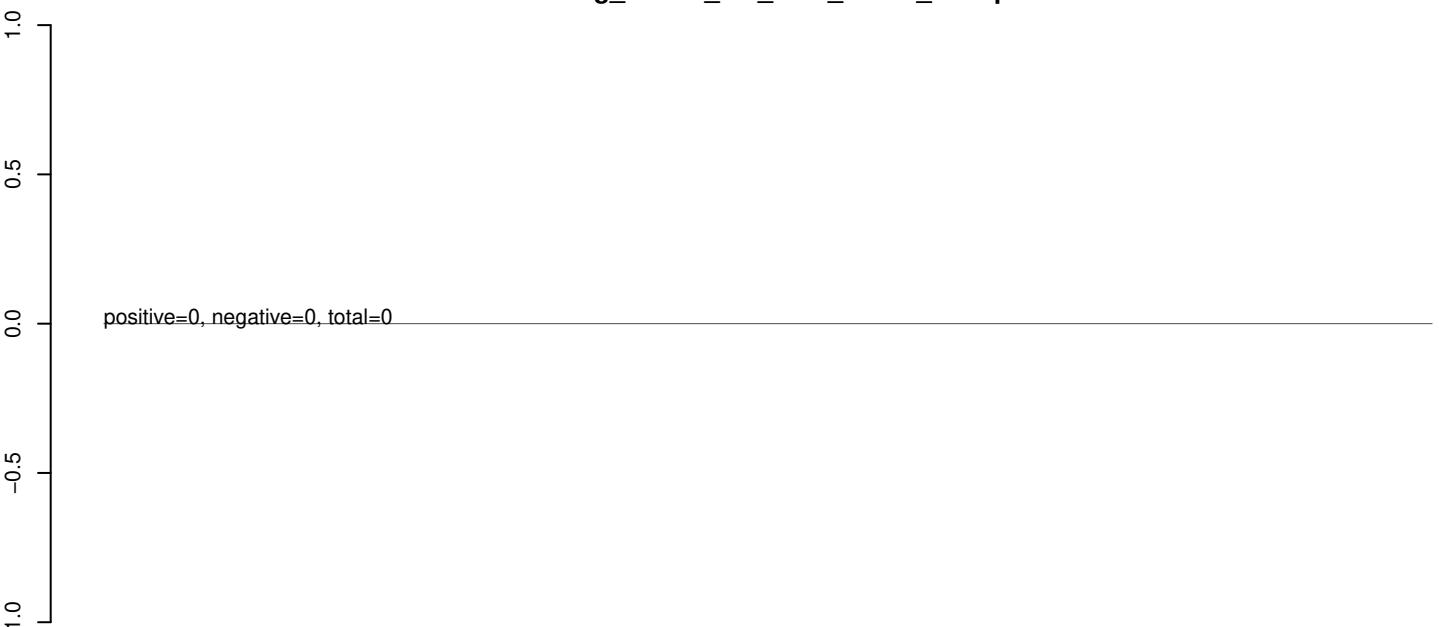
**AeAeg\_Whole\_sm\_r123\_JM.rep**



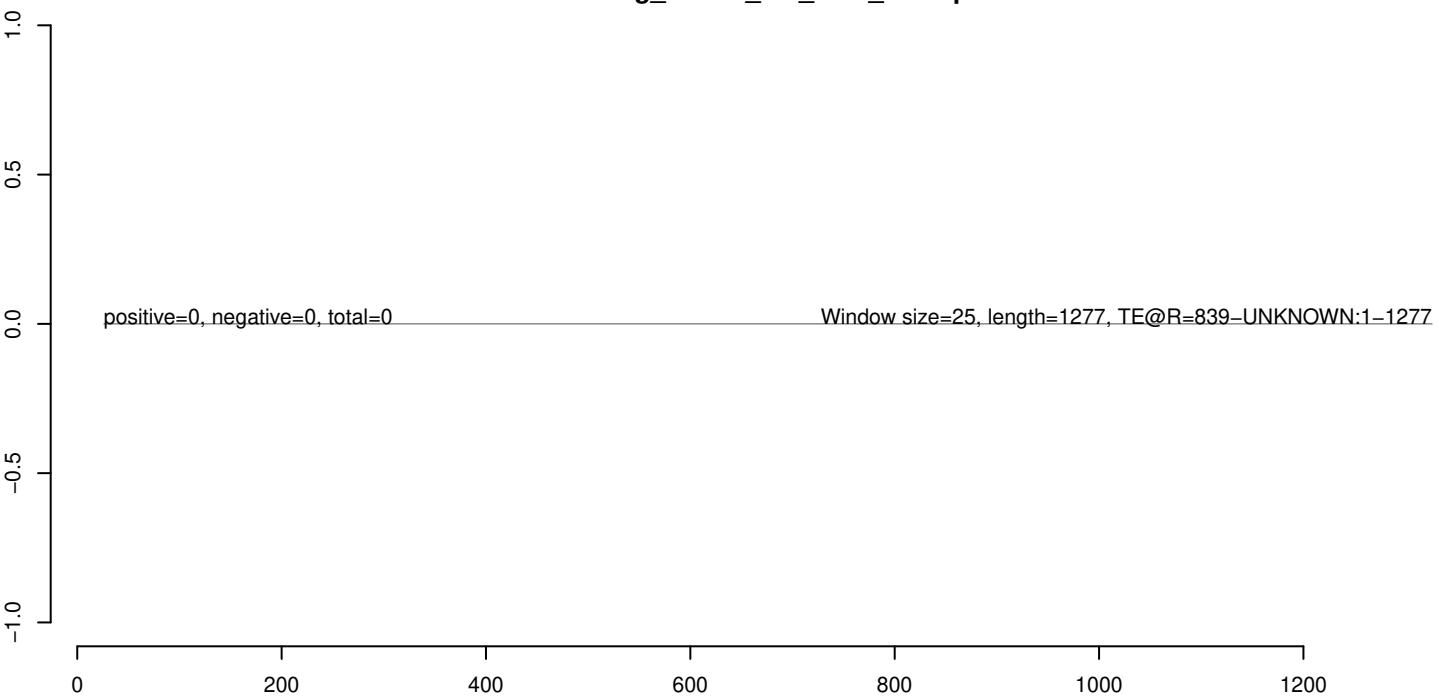
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



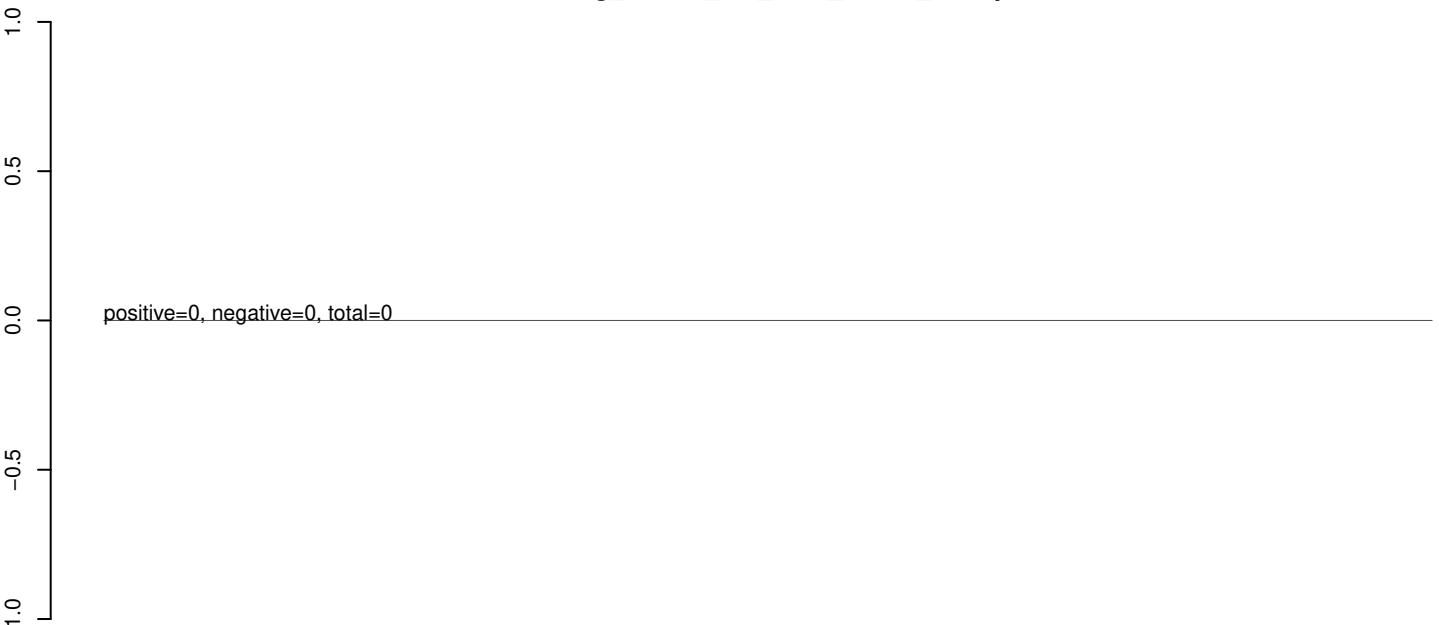
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



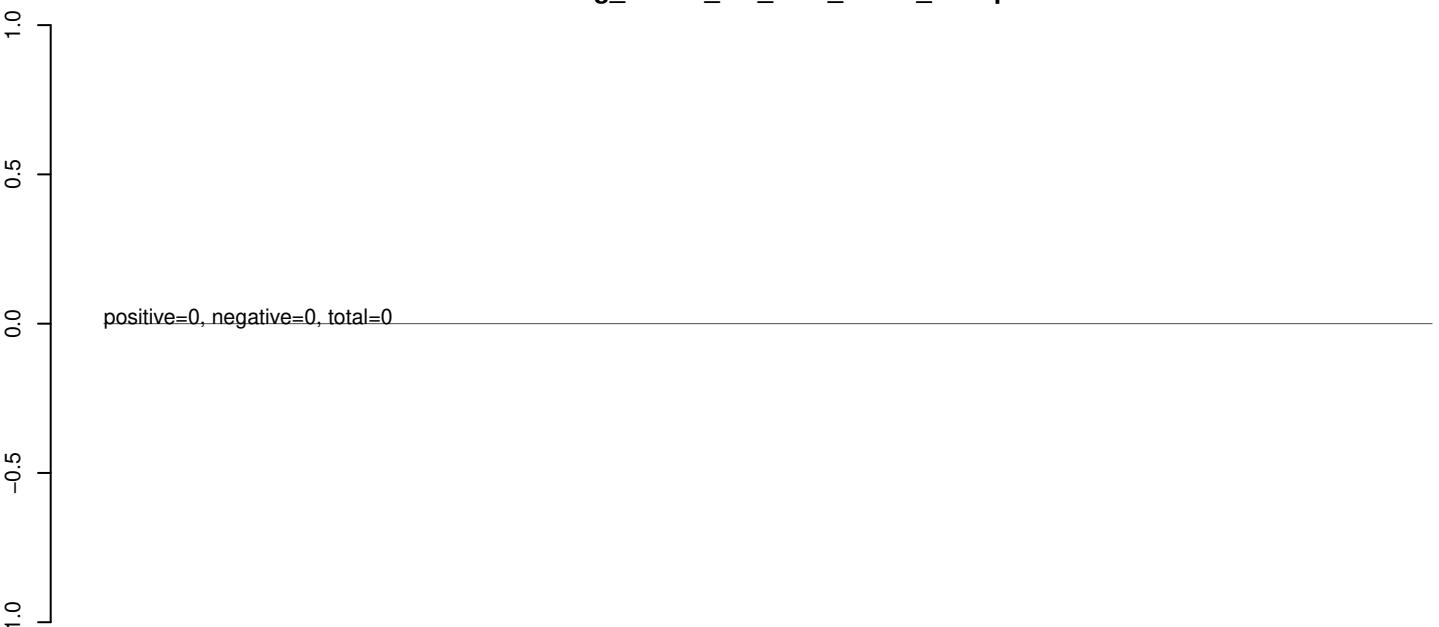
**AeAeg\_Whole\_sm\_r123\_JM.rep**



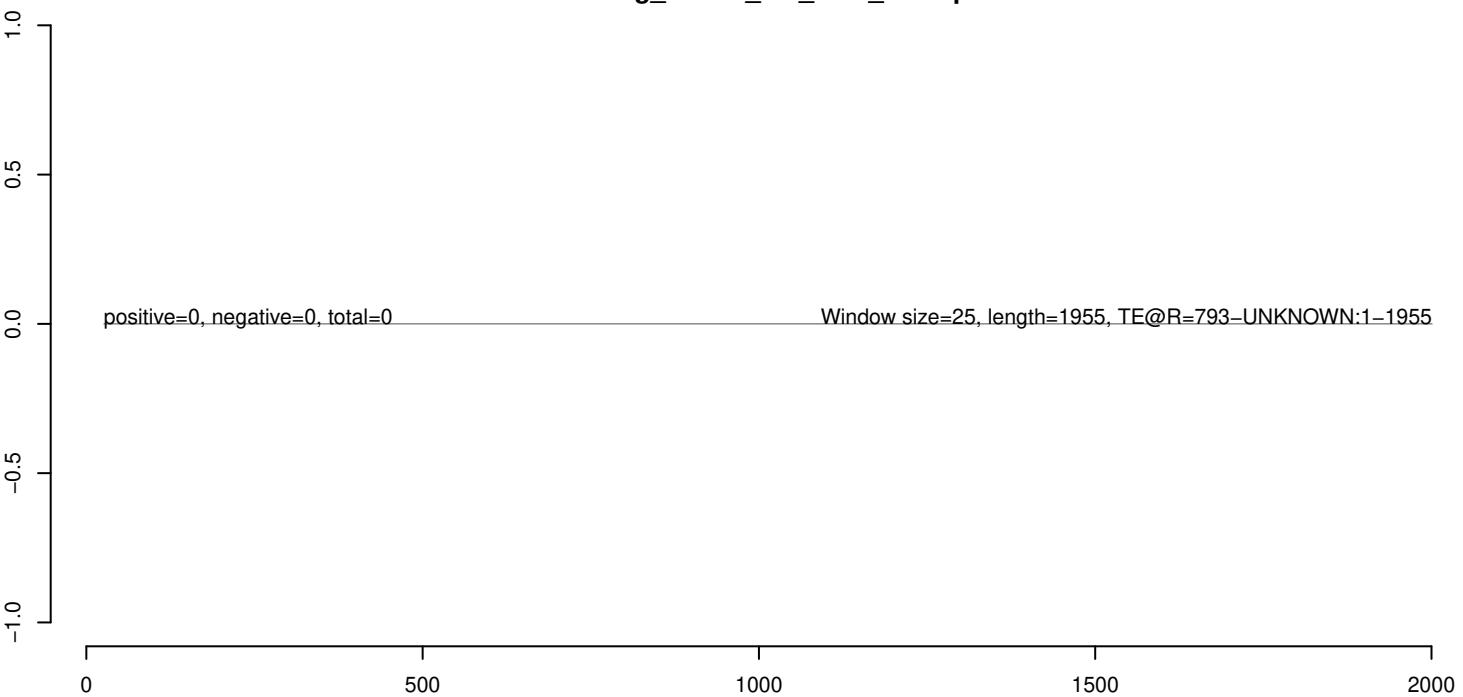
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1488, TE@R=742-UNKNOWN:1-1488

0 500 1000 1500

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

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

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1819, TE@R=728-UNKNOWN:1-1819

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

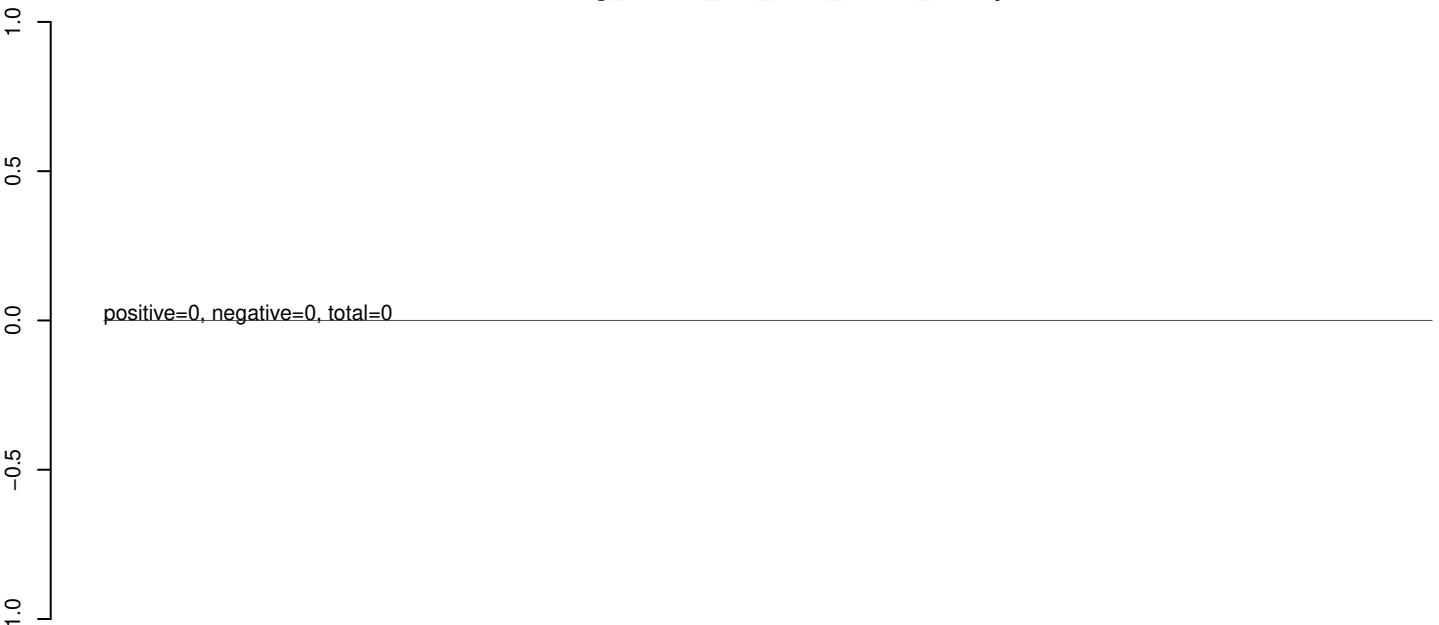
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

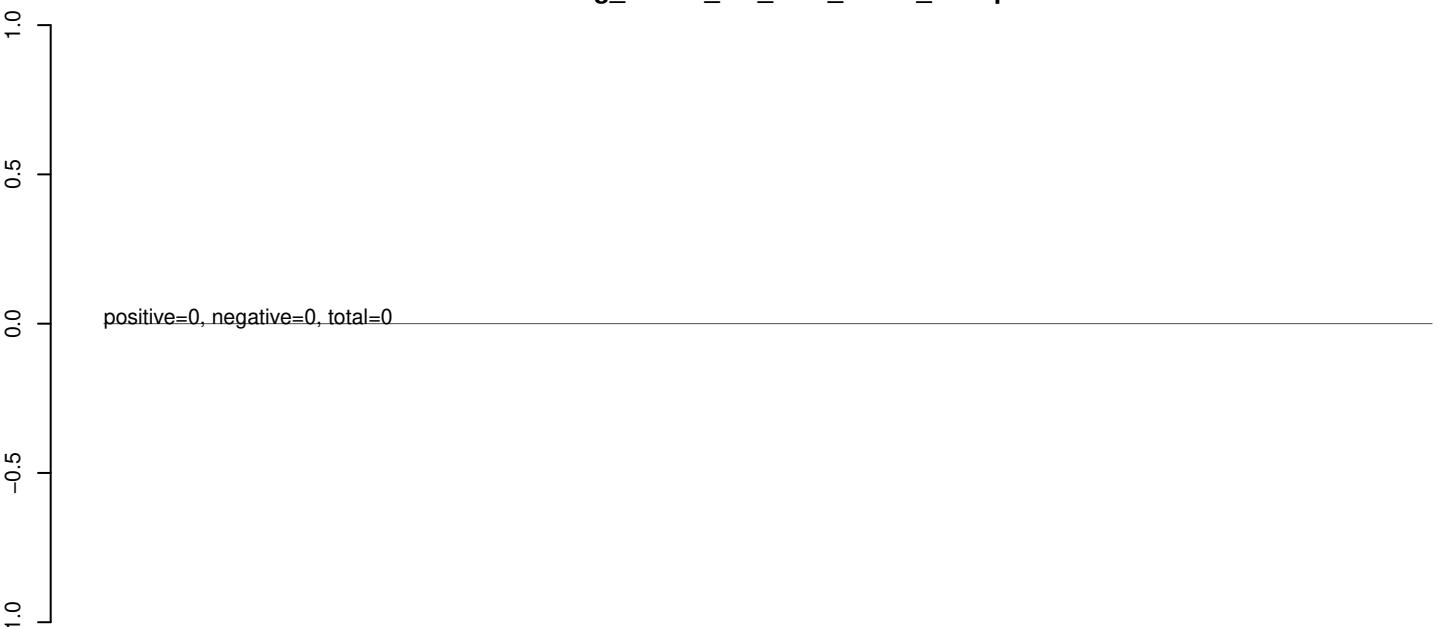
Window size=25, length=1488, TE@R=725-UNKNOWN:1-1488

0 500 1000 1500

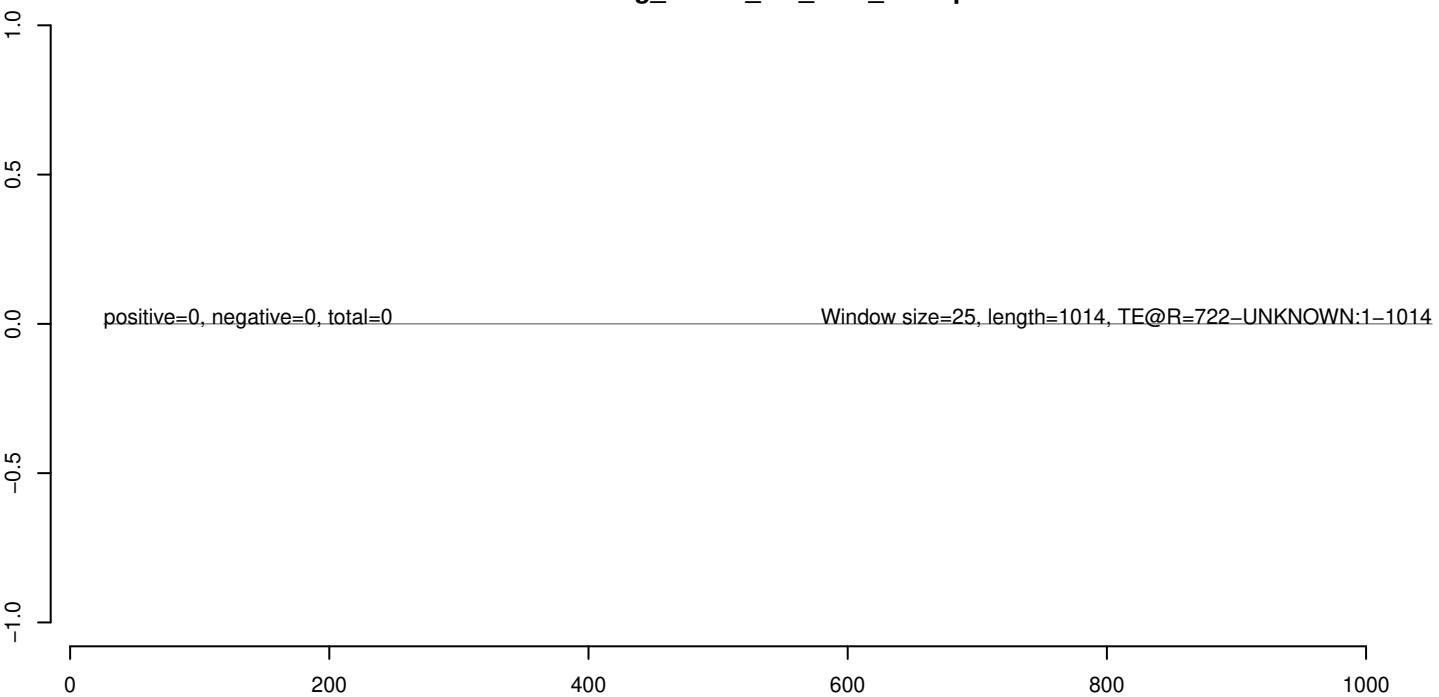
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



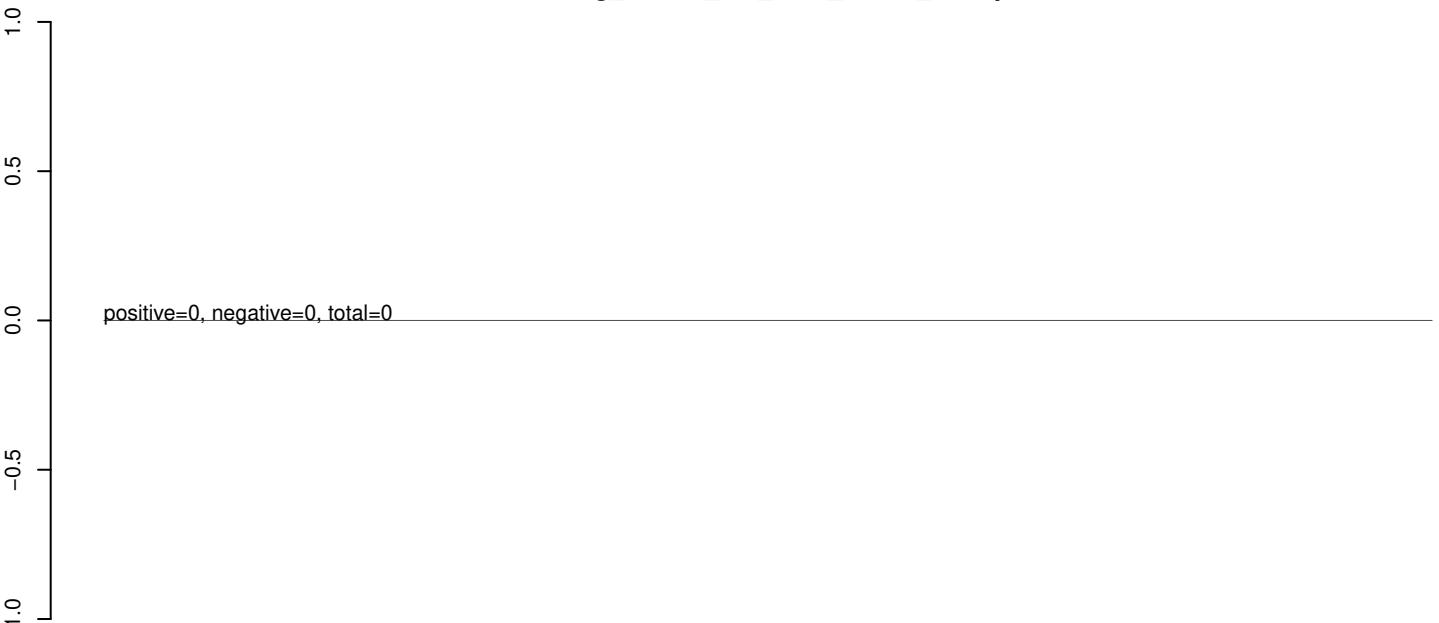
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



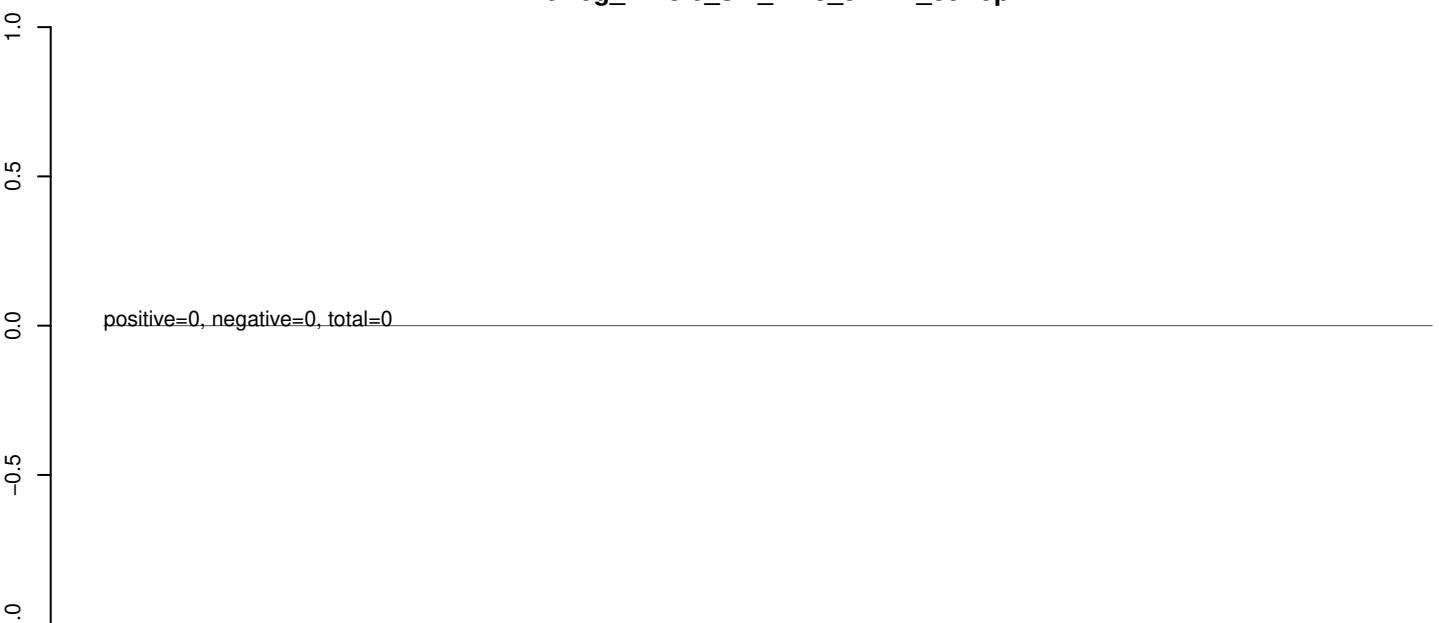
**AeAeg\_Whole\_sm\_r123\_JM.rep**



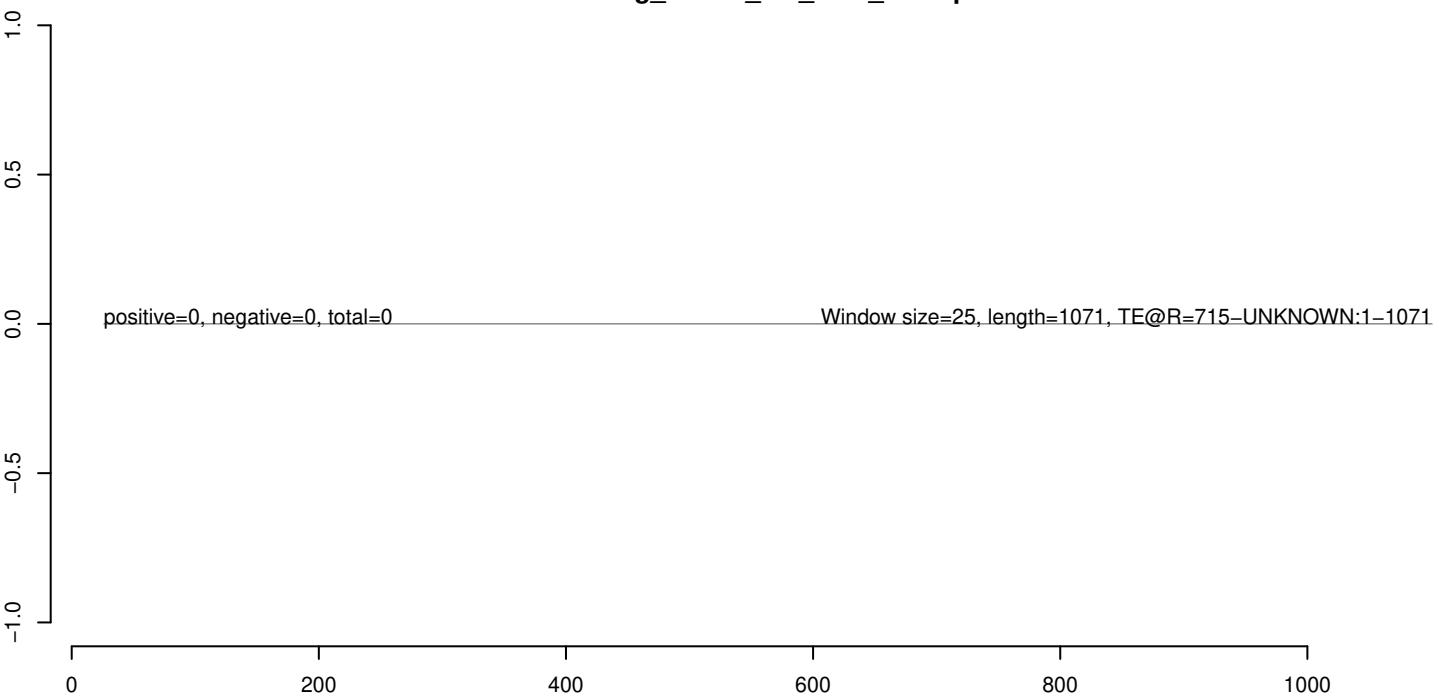
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



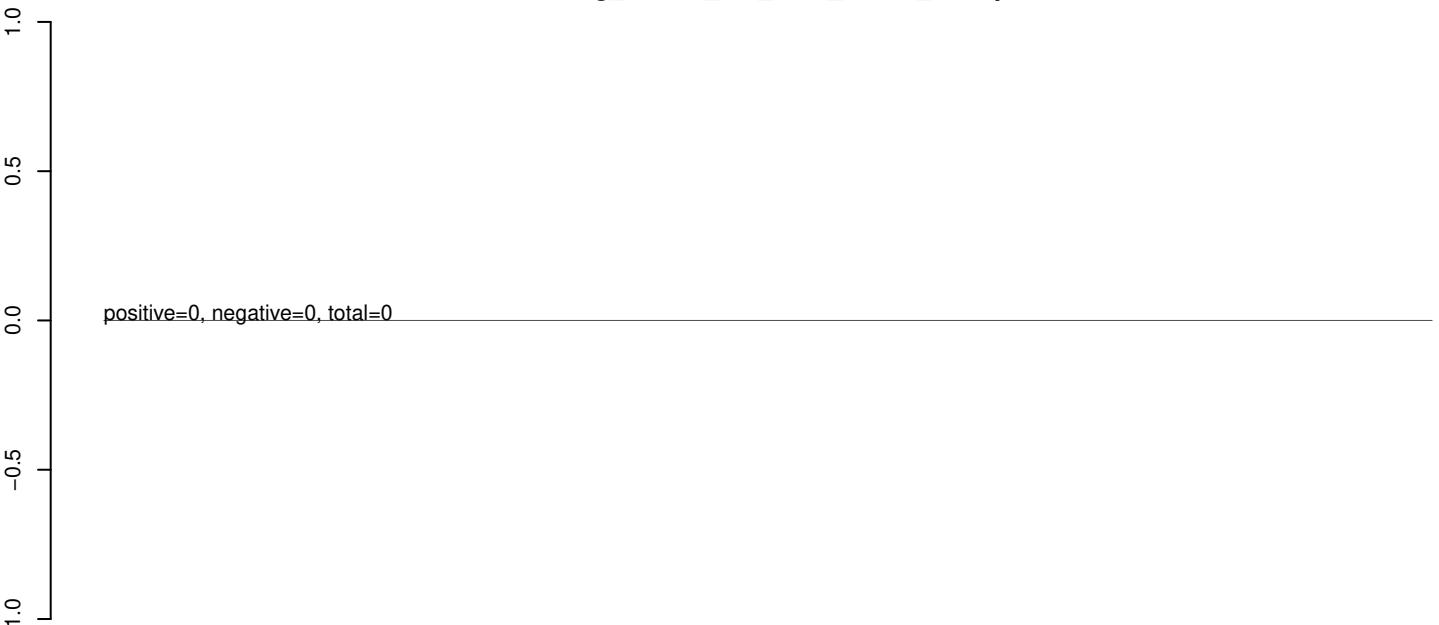
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



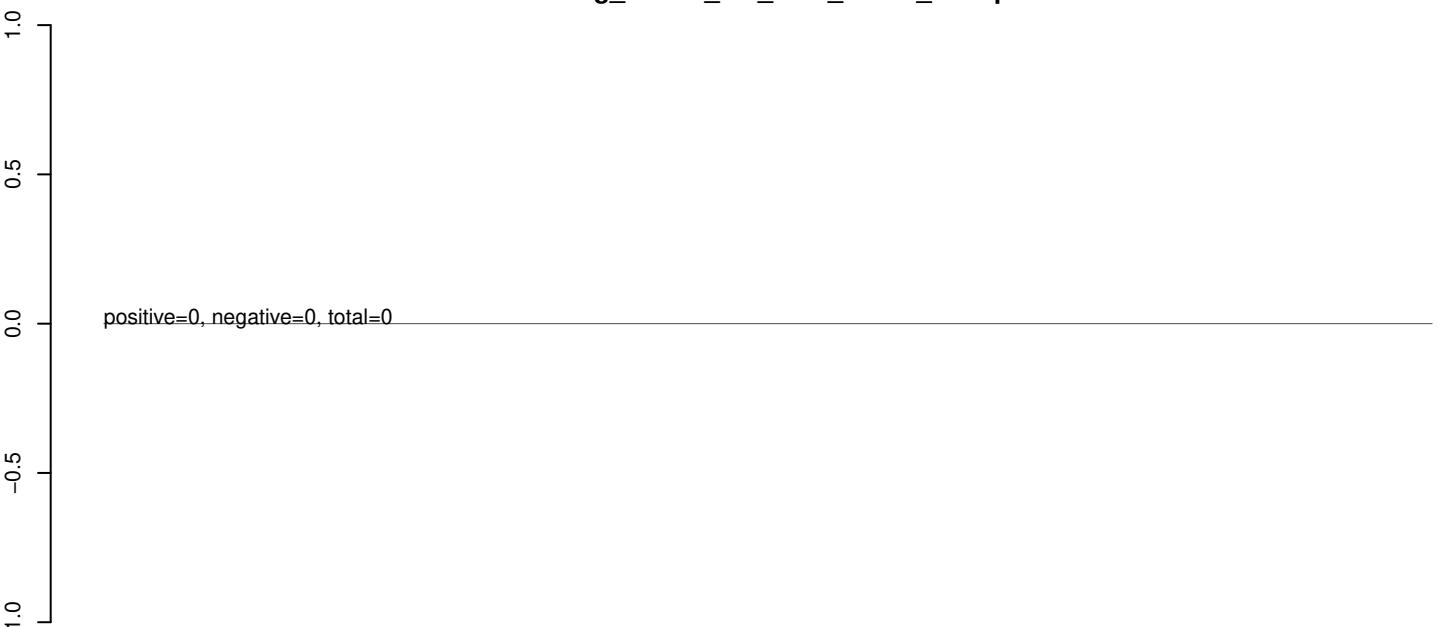
**AeAeg\_Whole\_sm\_r123\_JM.rep**



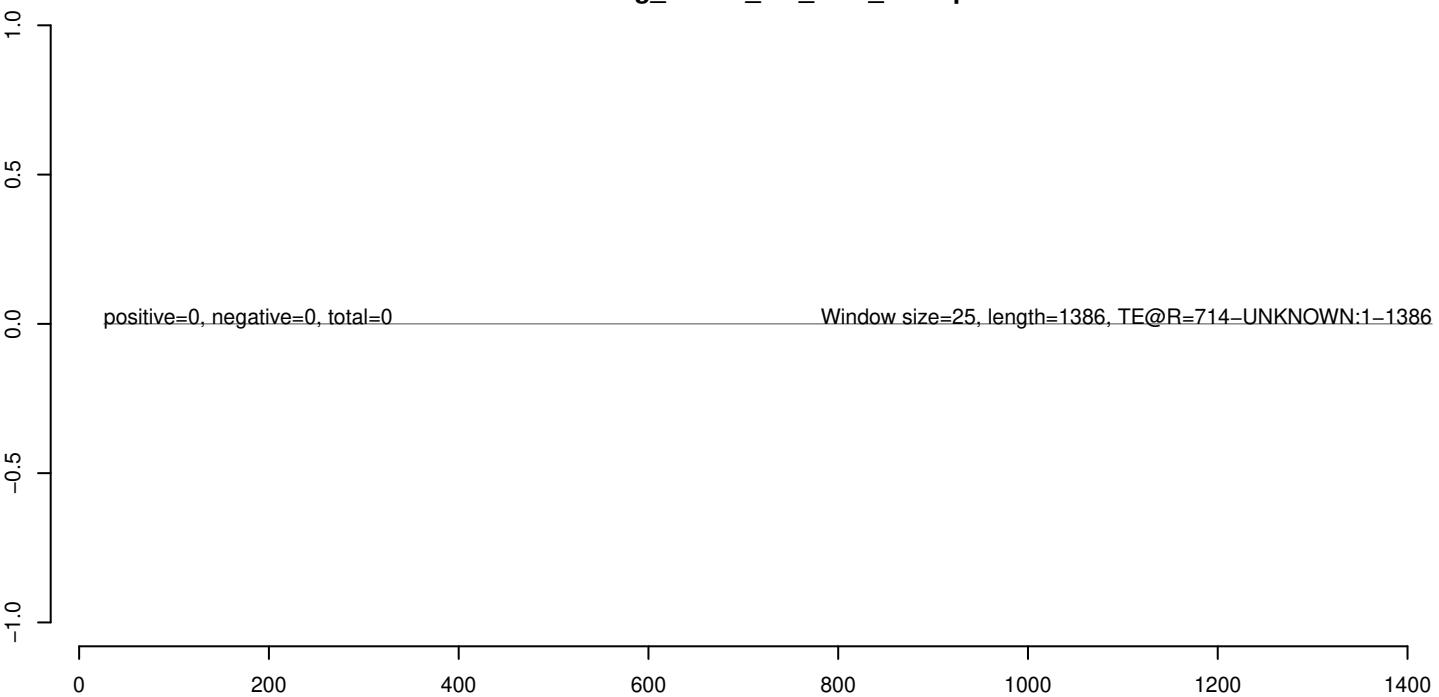
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



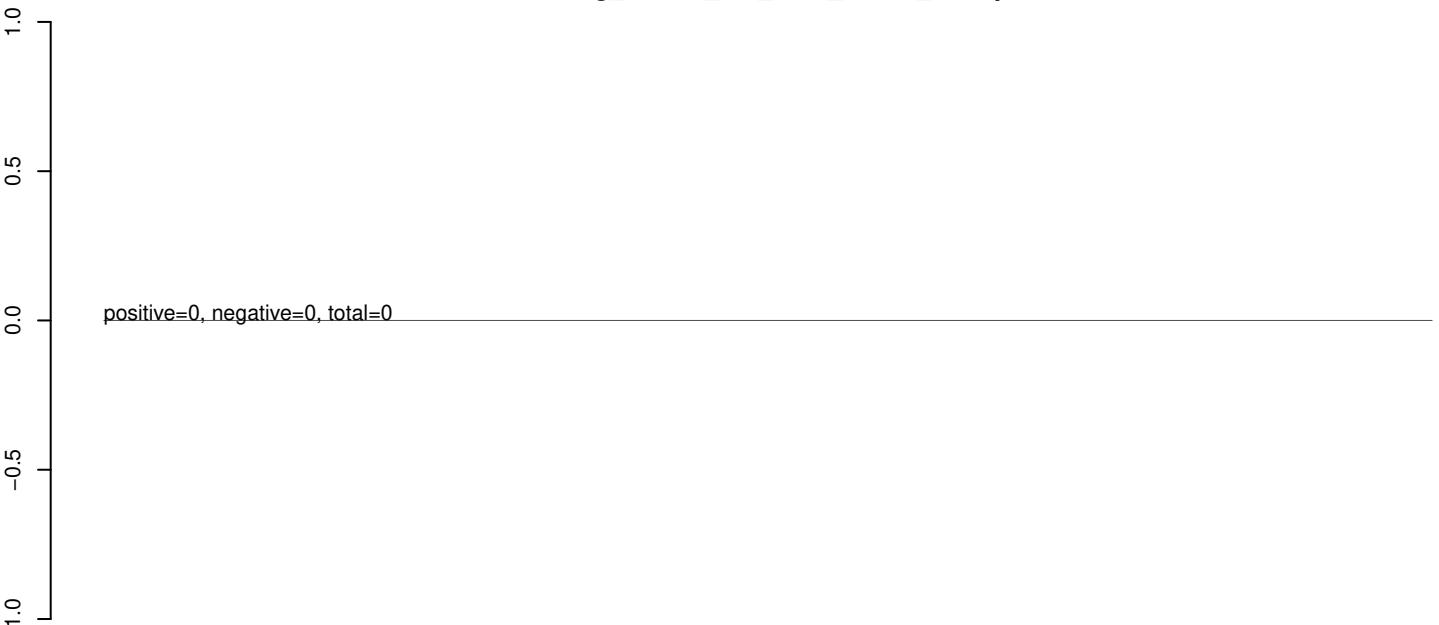
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



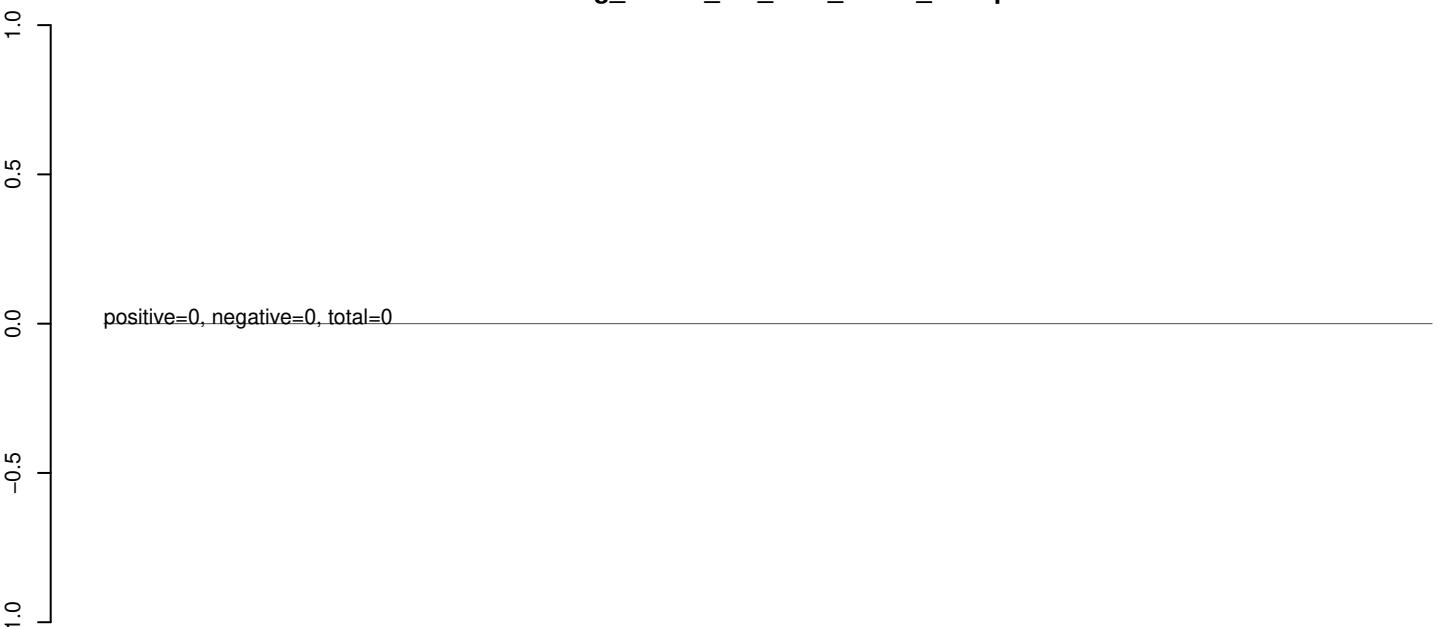
**AeAeg\_Whole\_sm\_r123\_JM.rep**



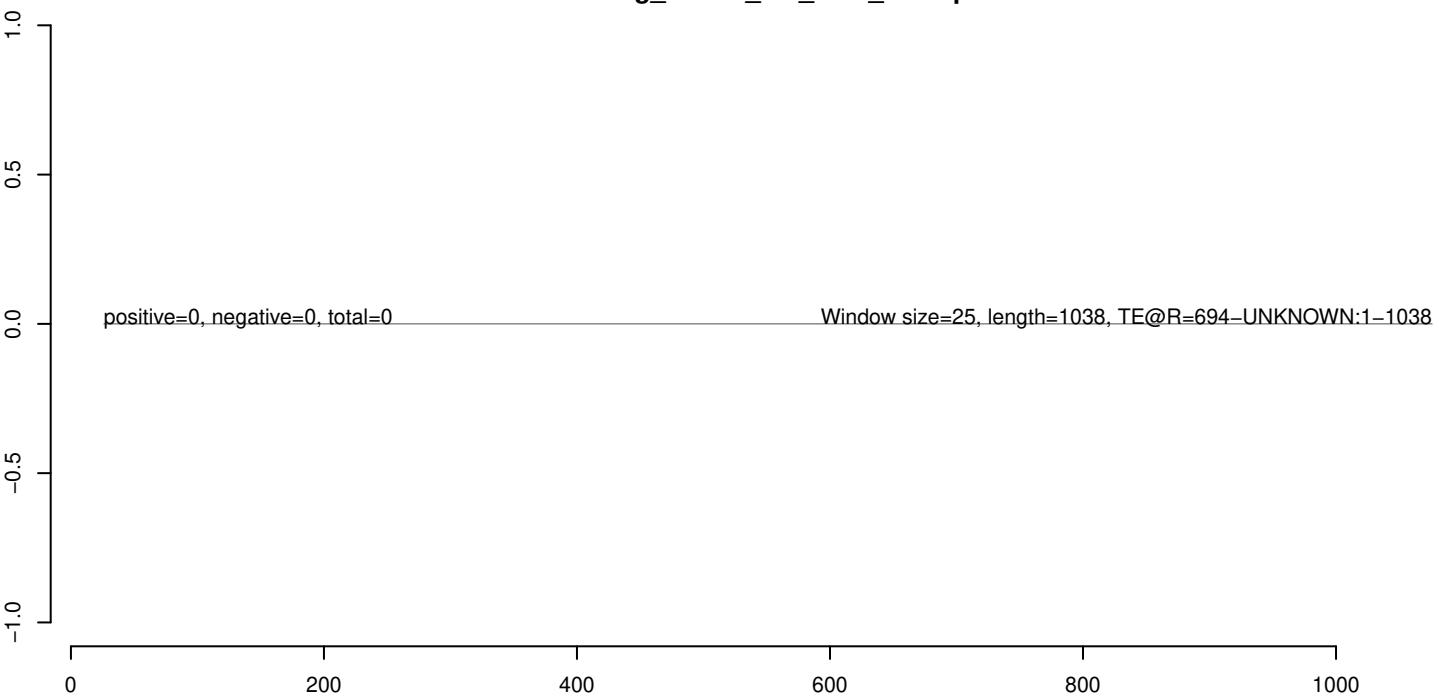
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

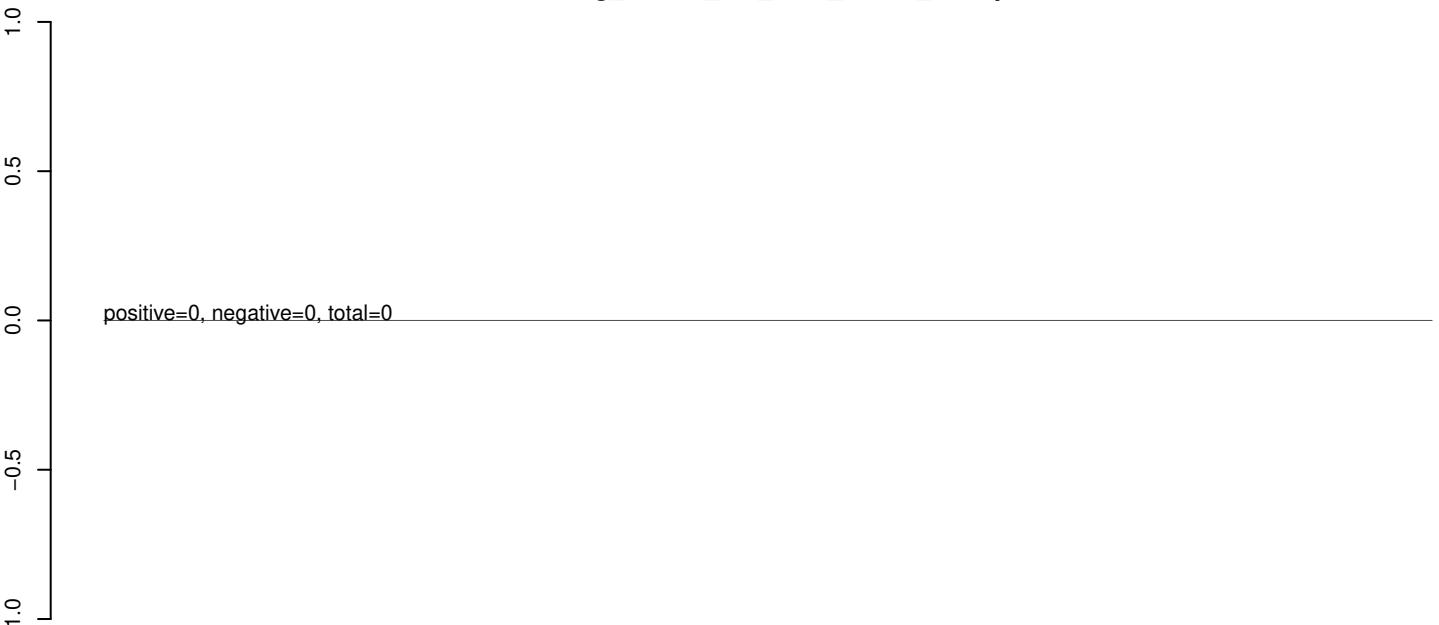
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

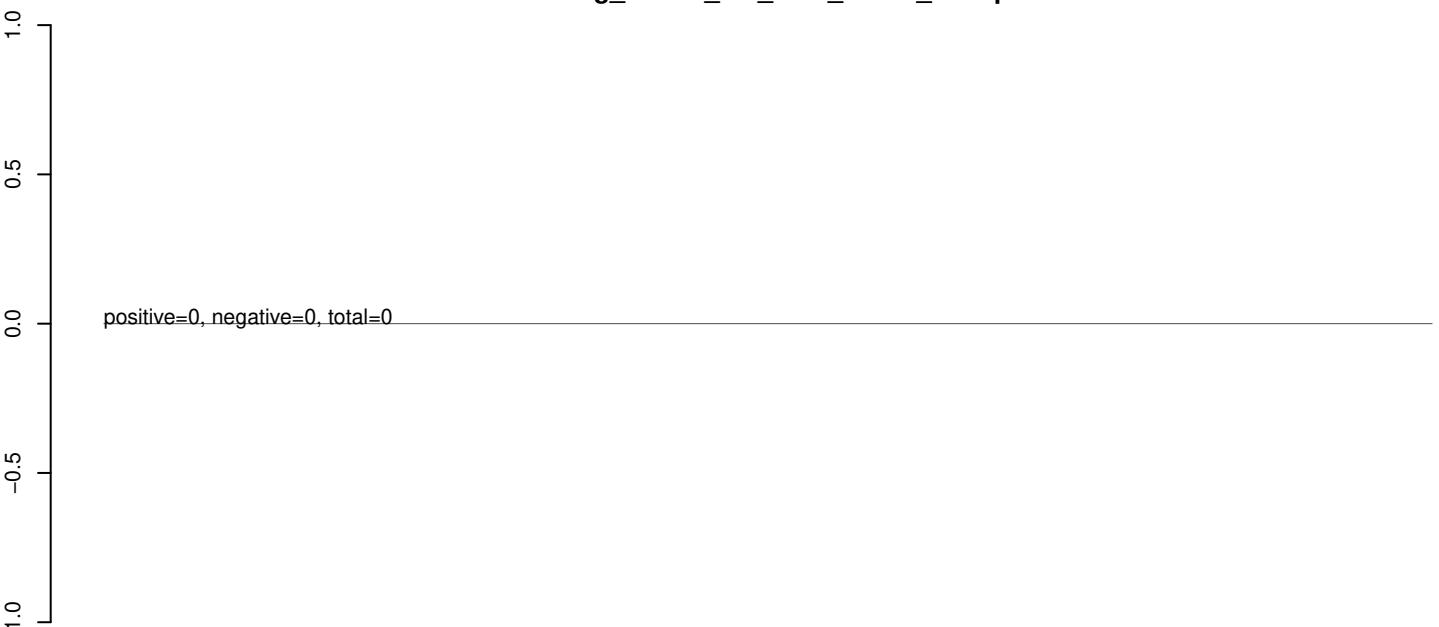
Window size=25, length=1871, TE@R=686-UNKNOWN:1-1871

0 500 1000 1500

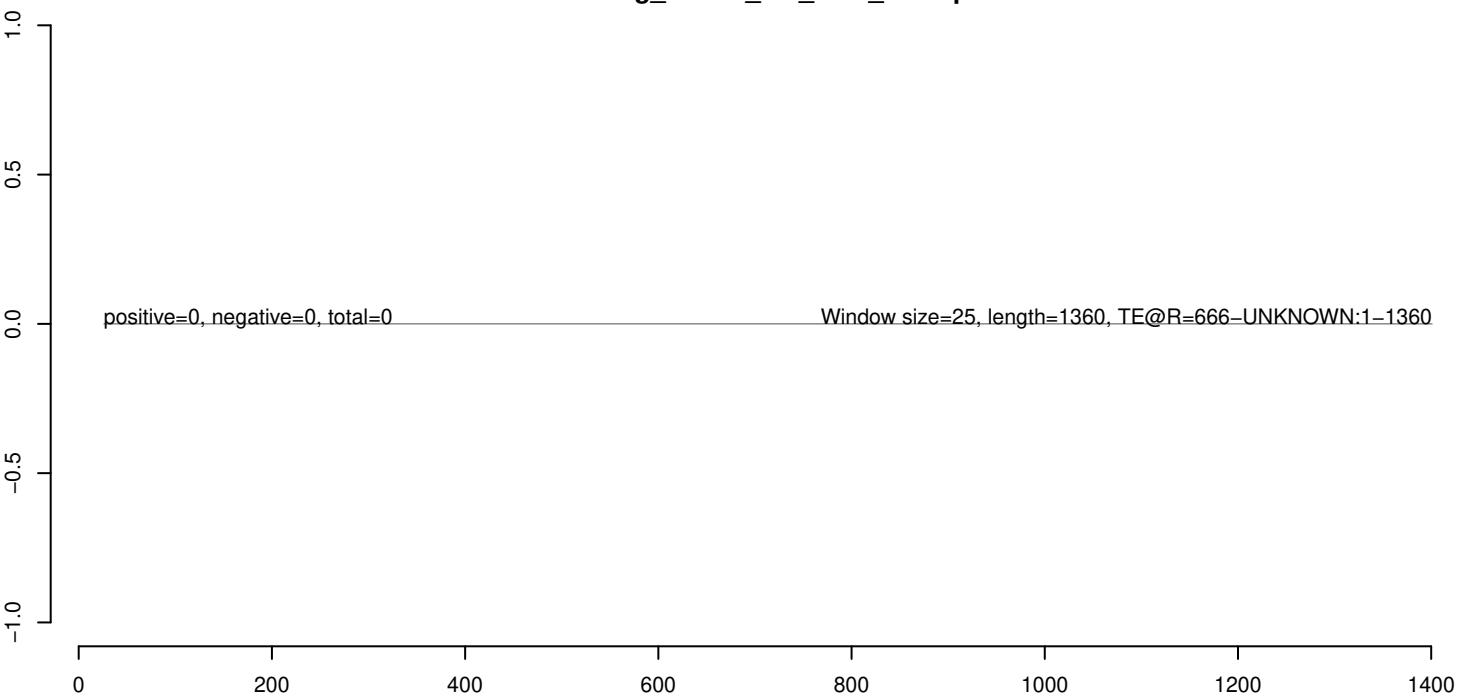
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



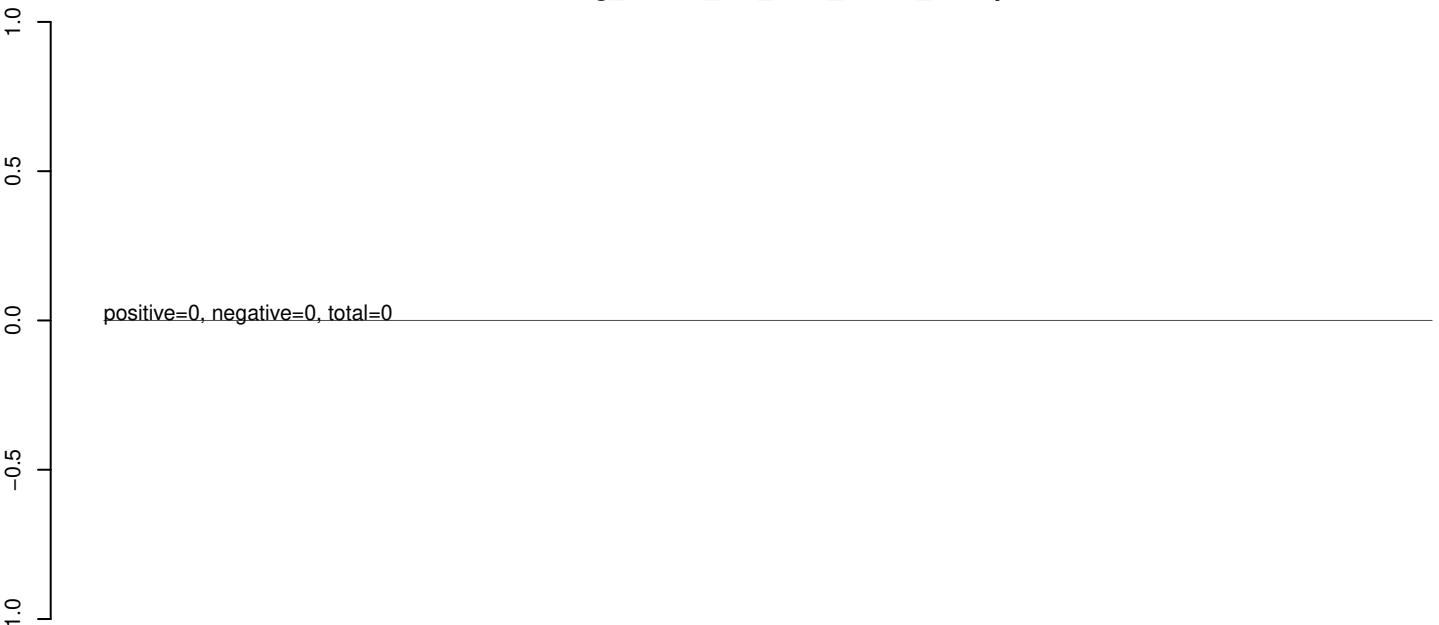
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



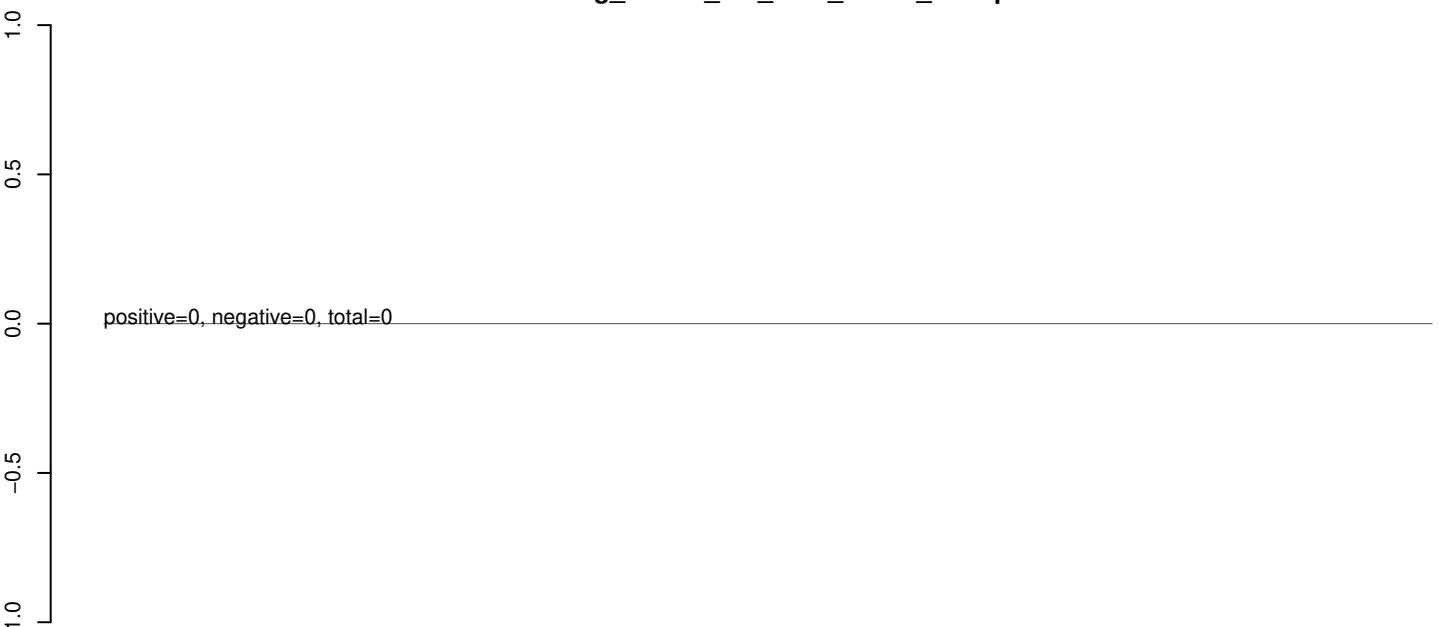
**AeAeg\_Whole\_sm\_r123\_JM.rep**



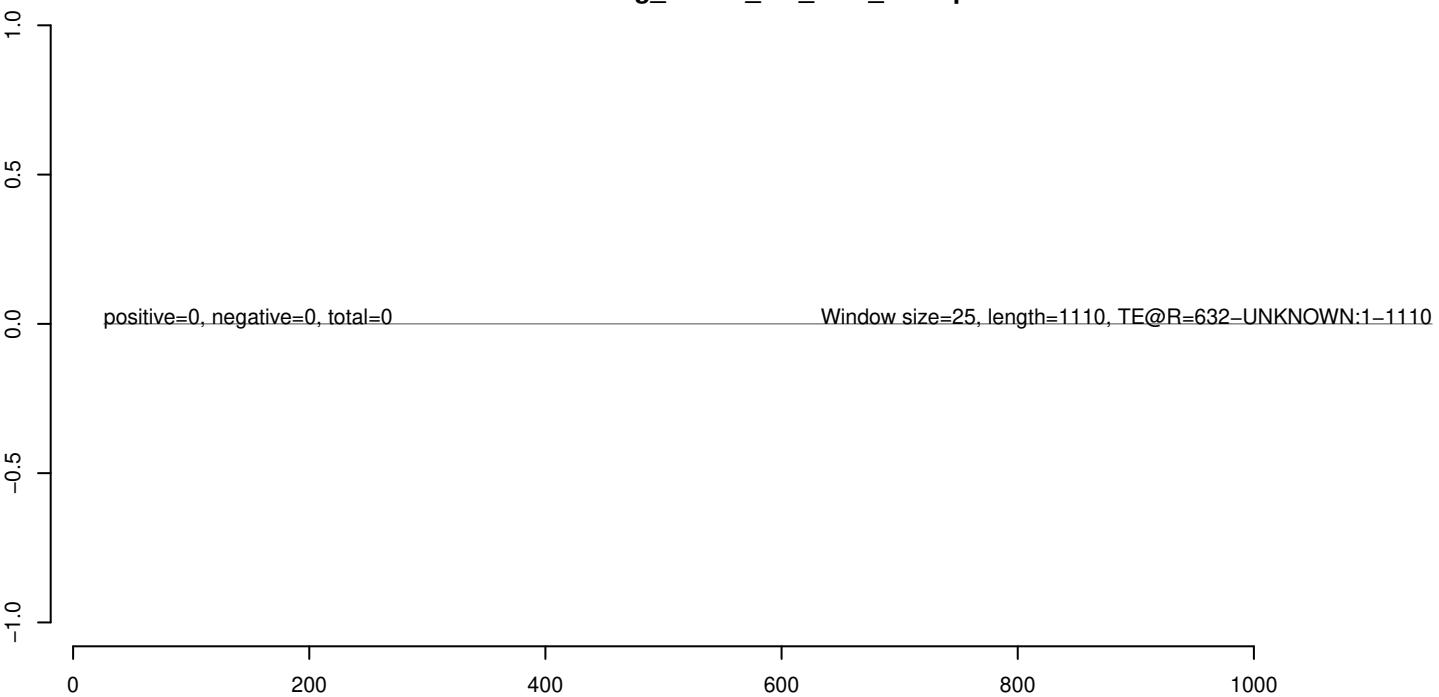
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

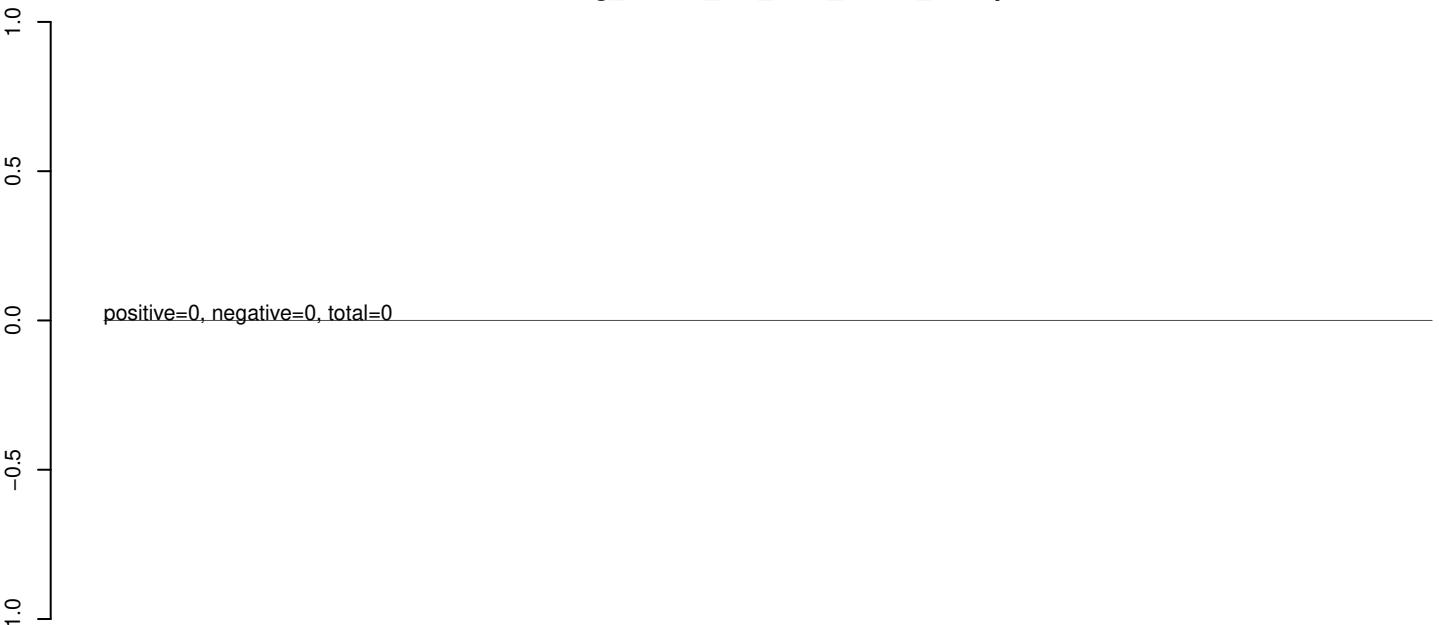
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

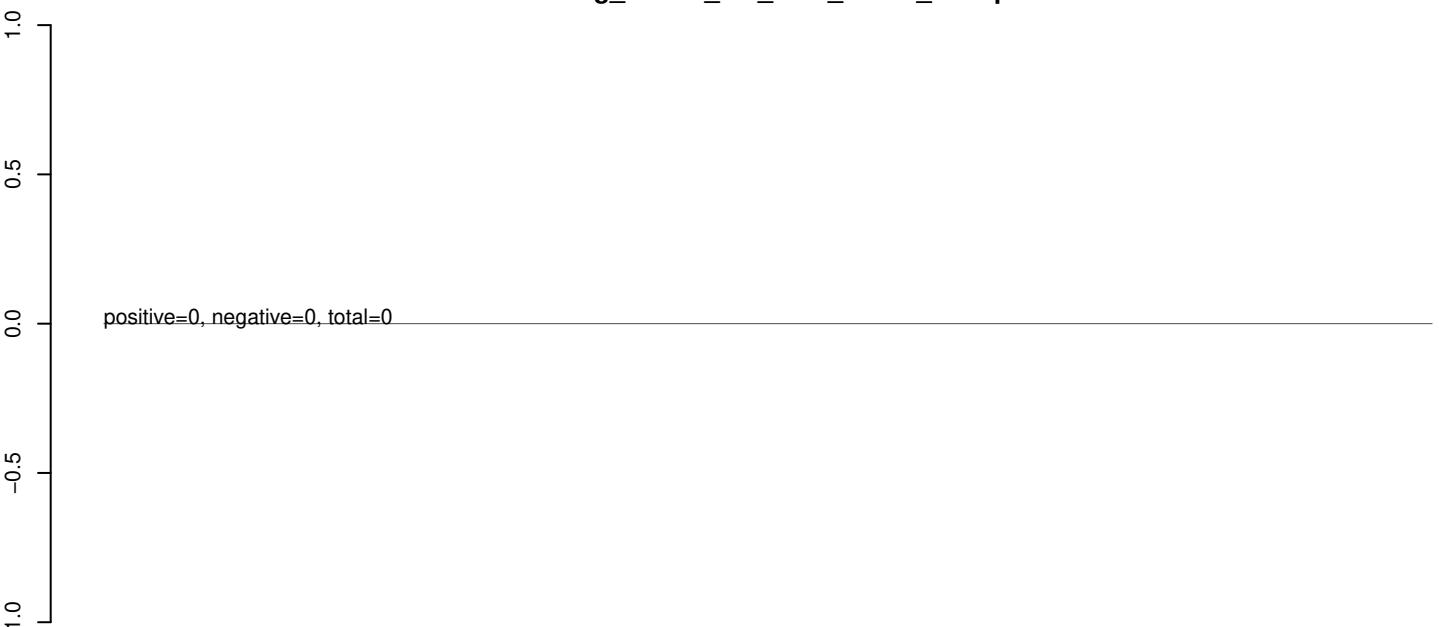
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0 500 1000 1500 2000

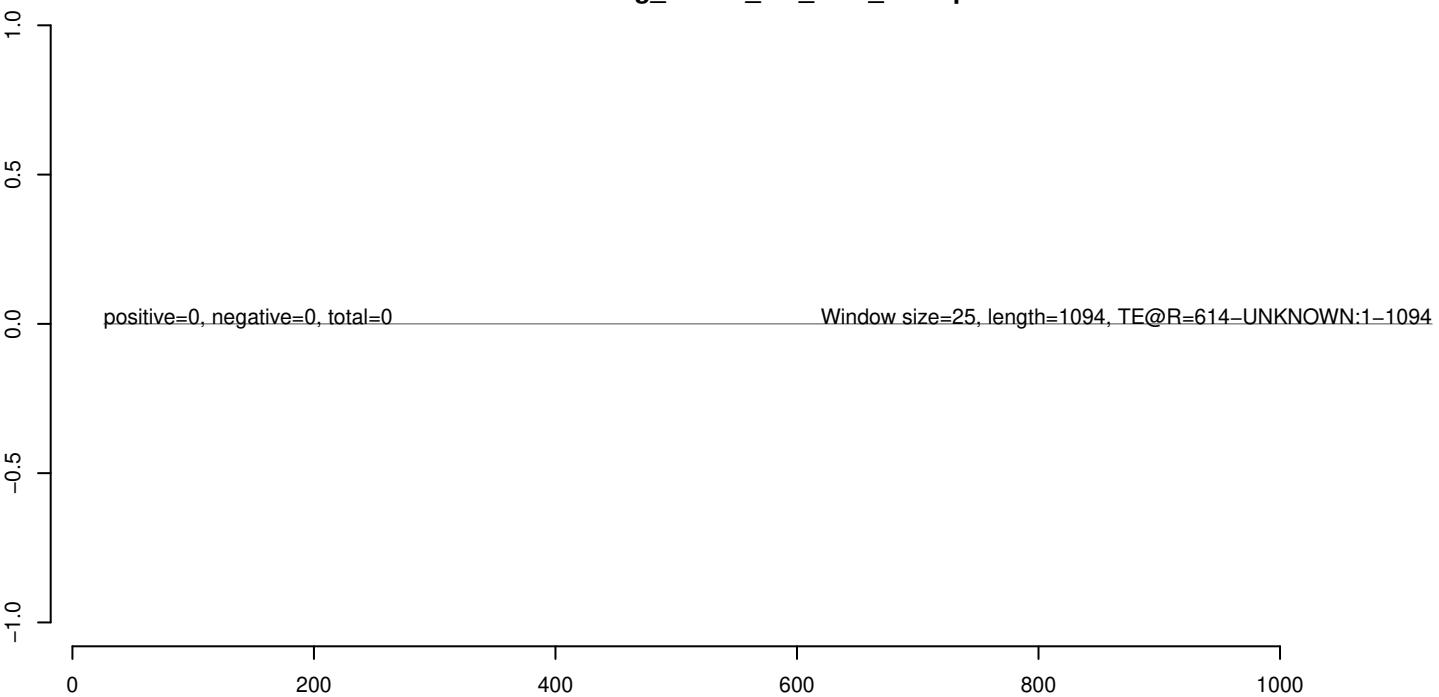
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



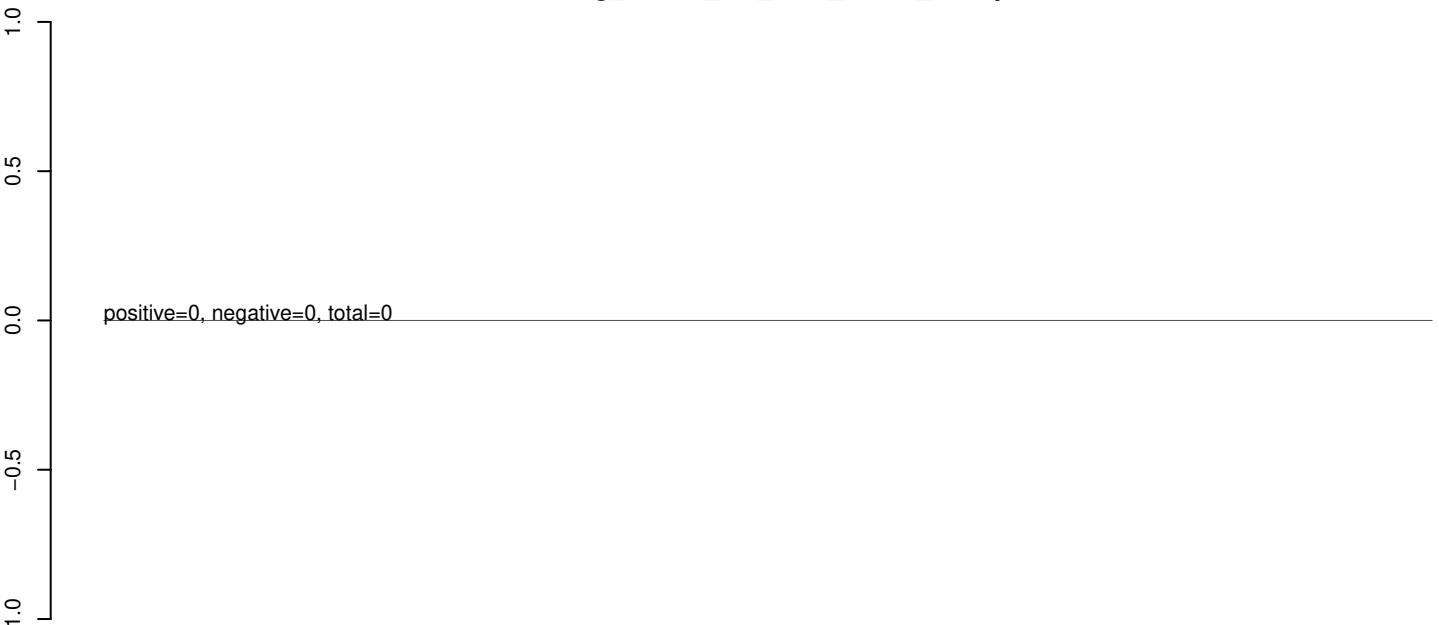
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



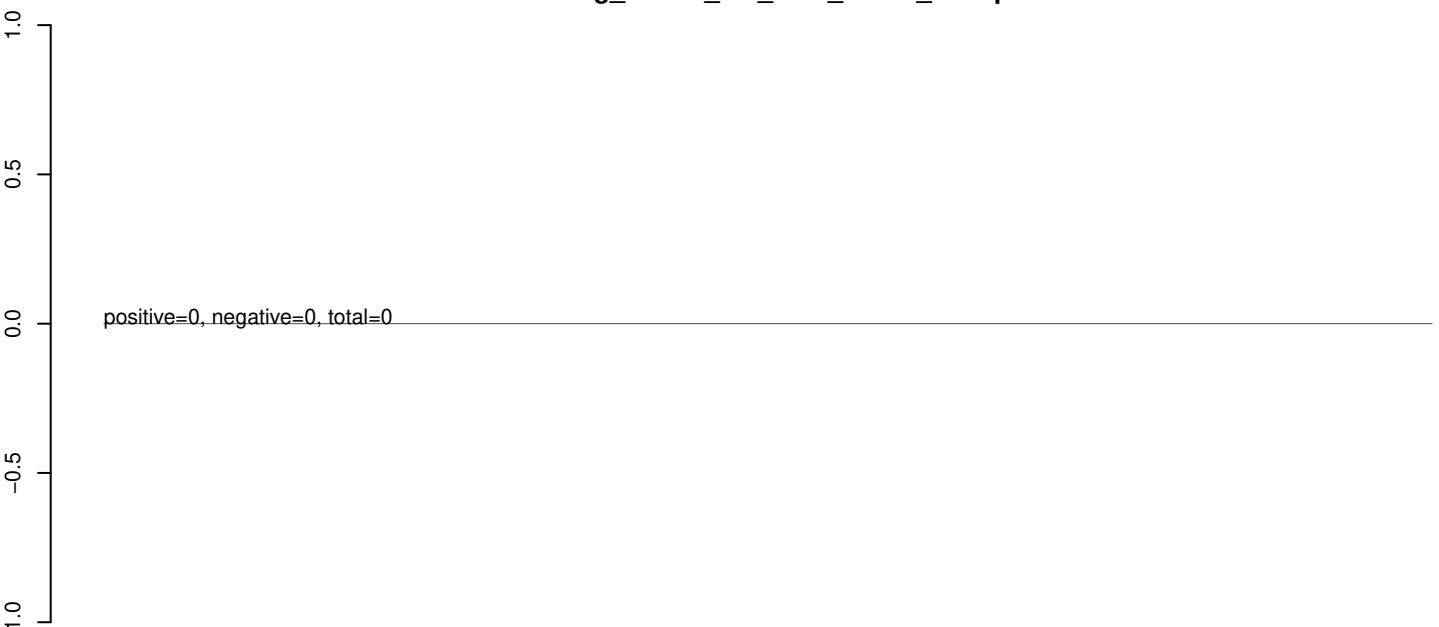
**AeAeg\_Whole\_sm\_r123\_JM.rep**



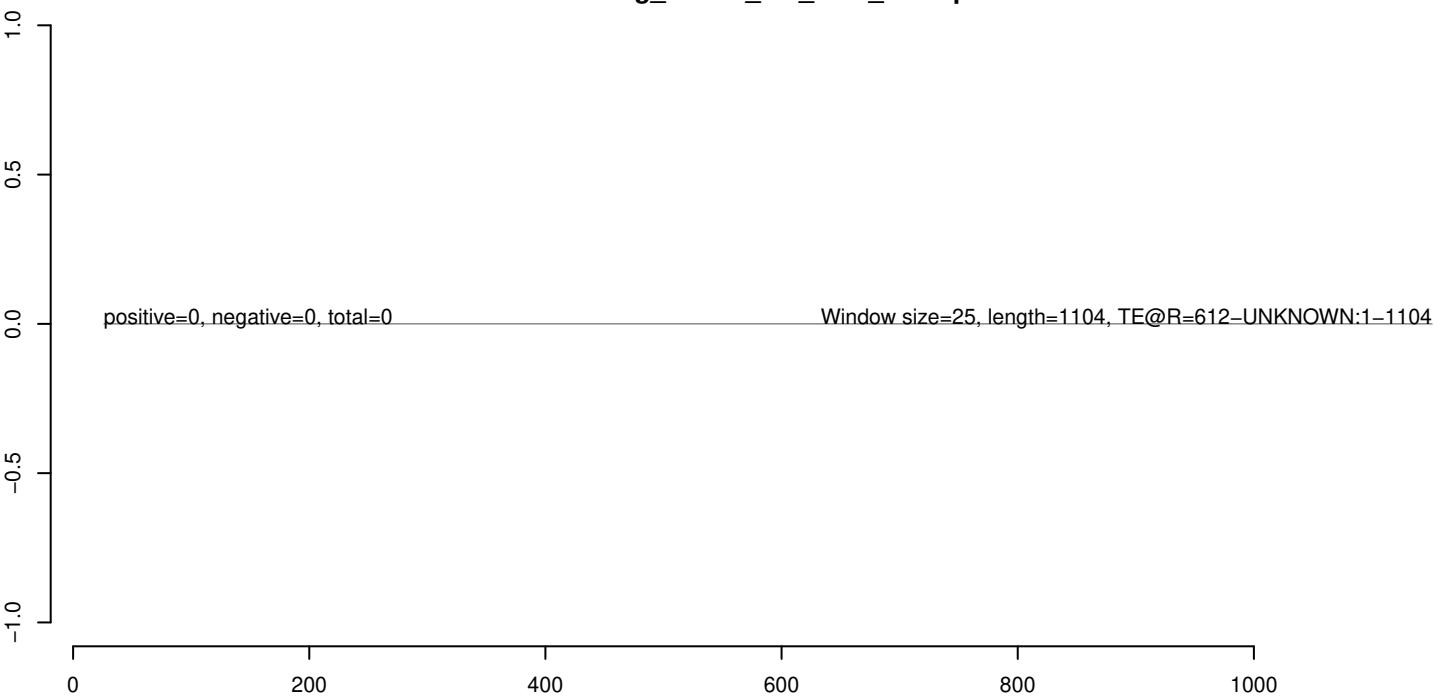
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



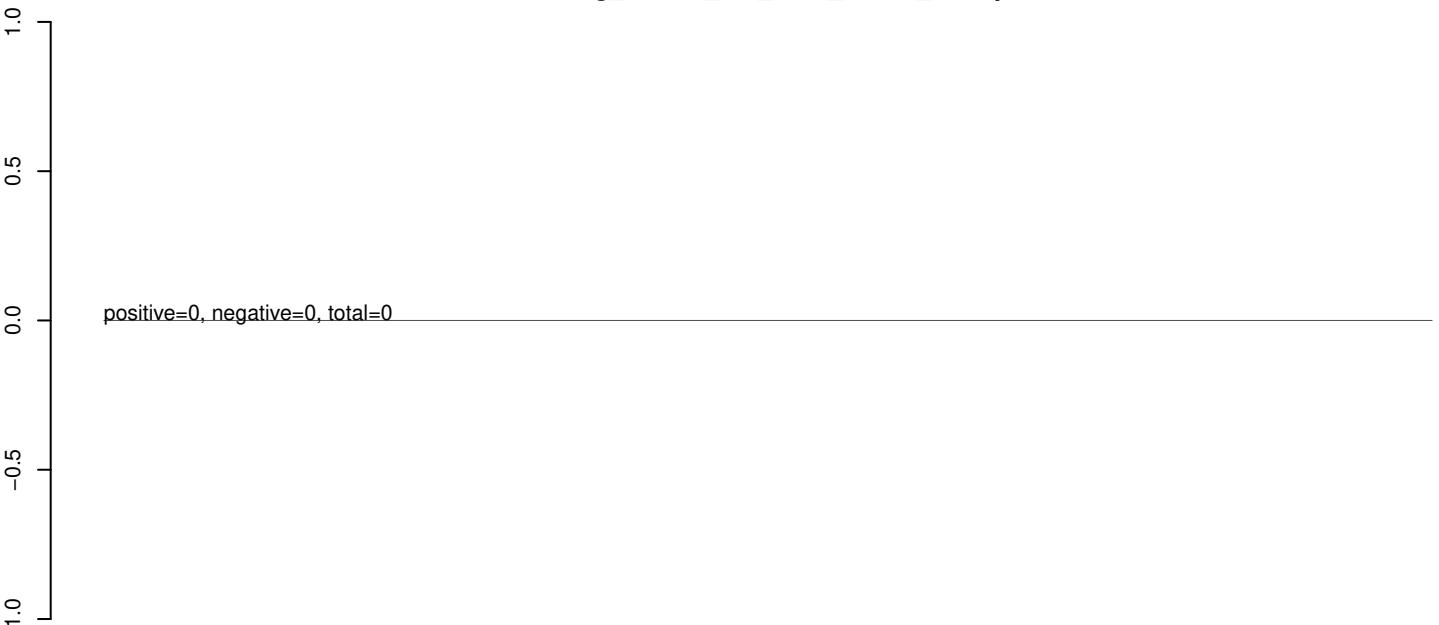
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



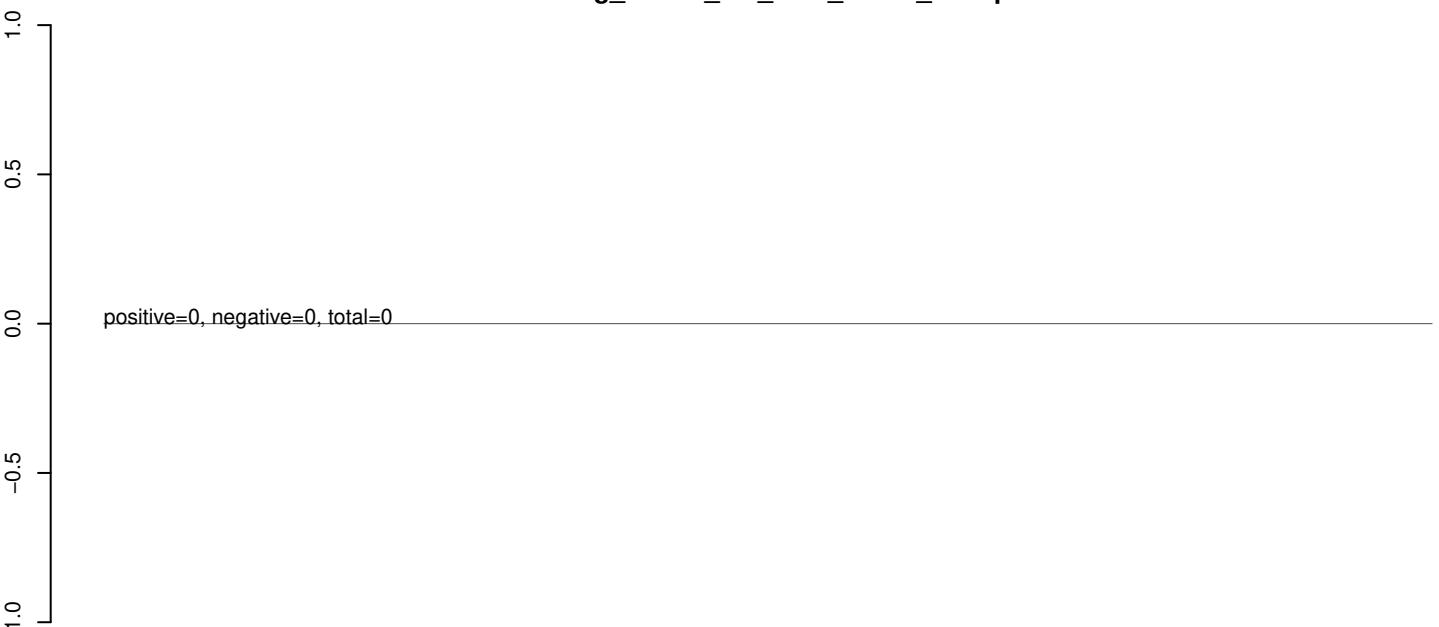
**AeAeg\_Whole\_sm\_r123\_JM.rep**



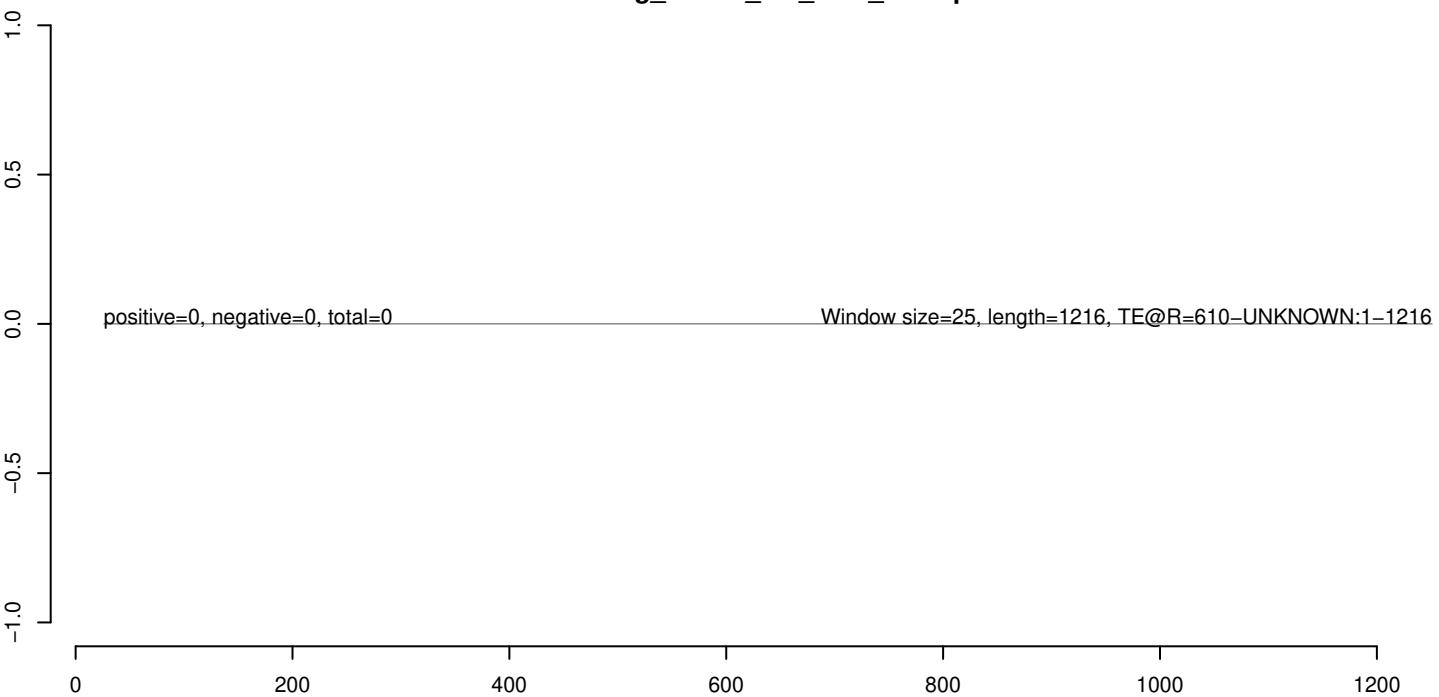
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



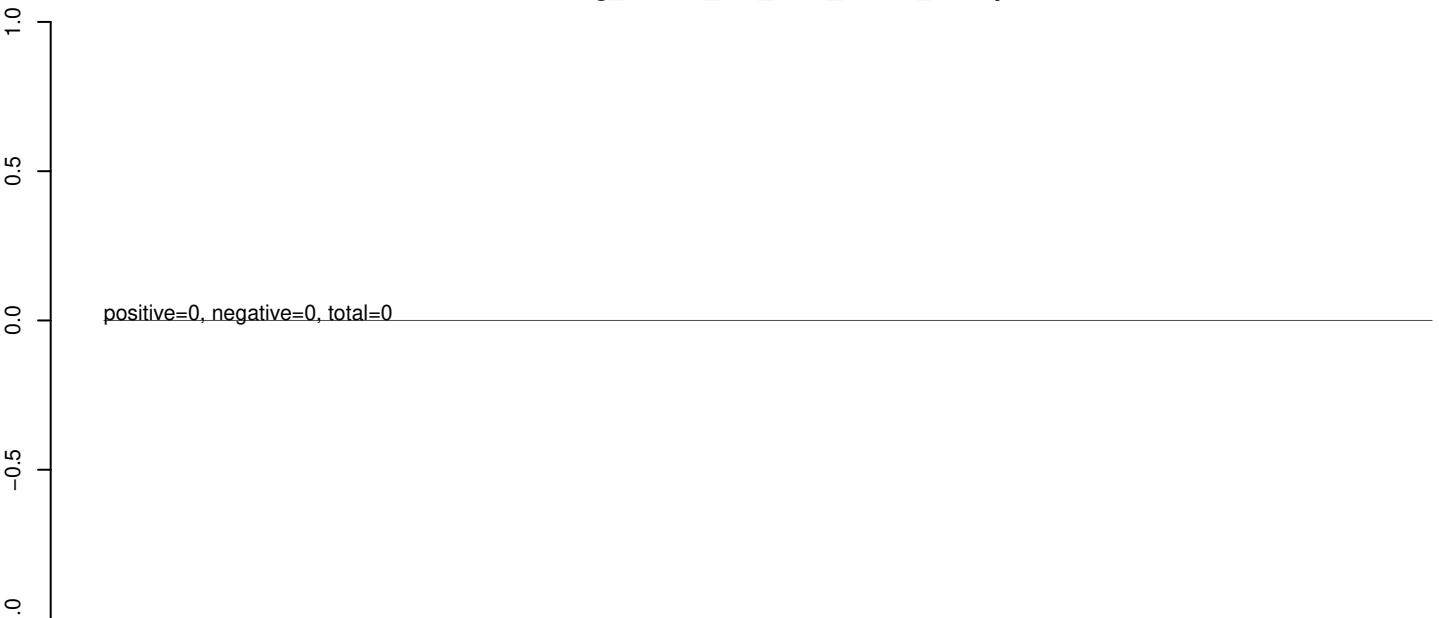
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



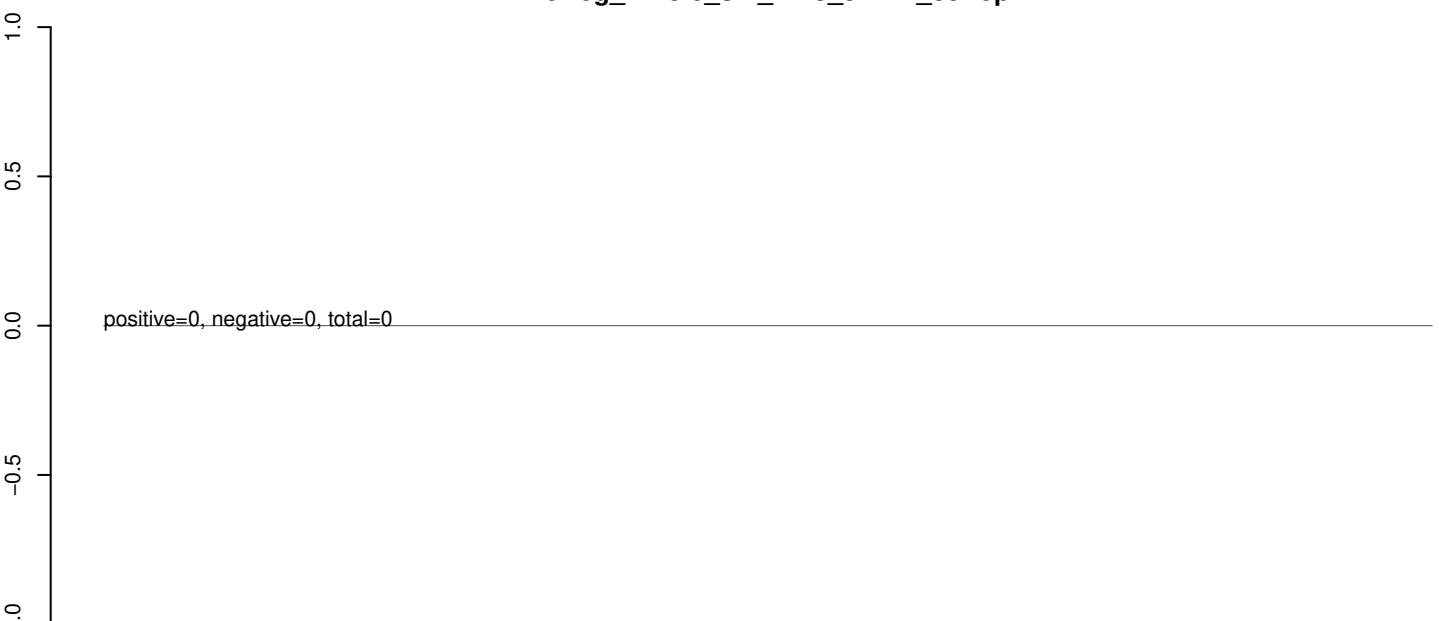
**AeAeg\_Whole\_sm\_r123\_JM.rep**



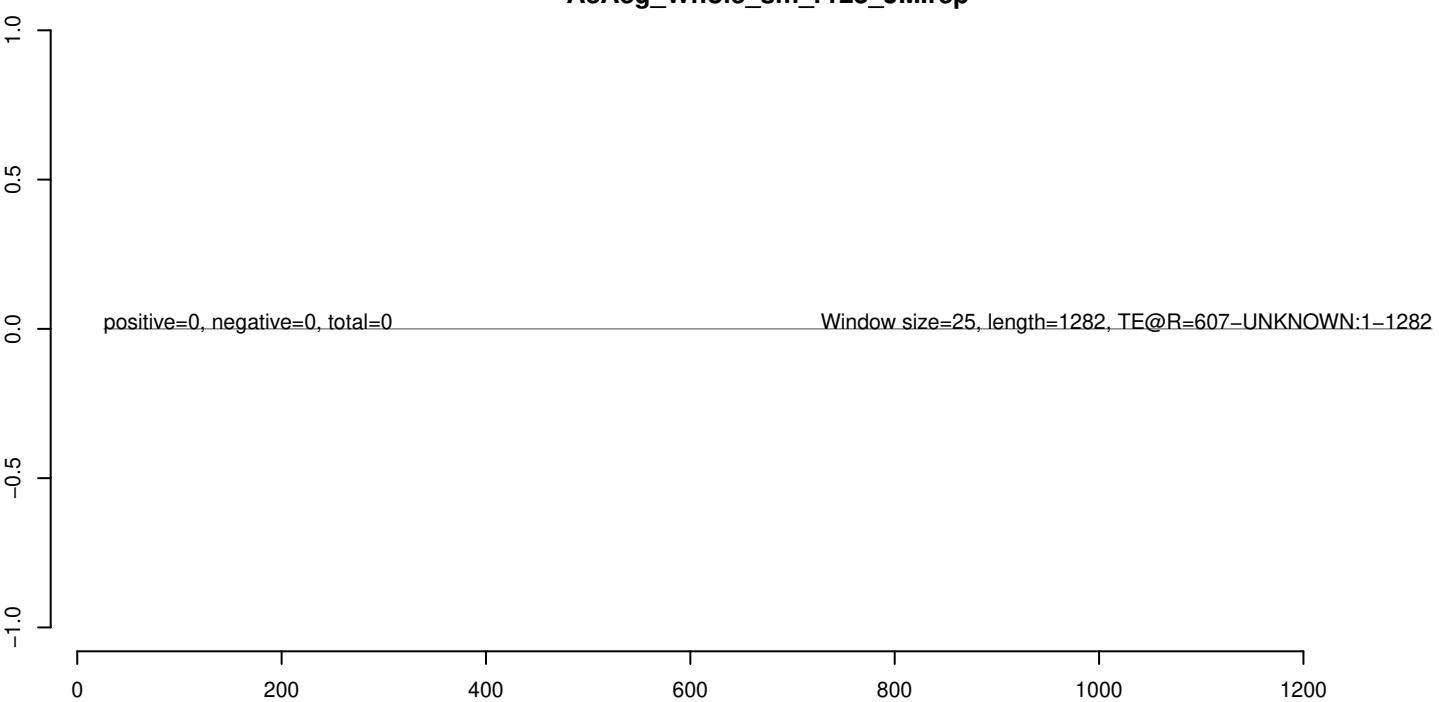
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



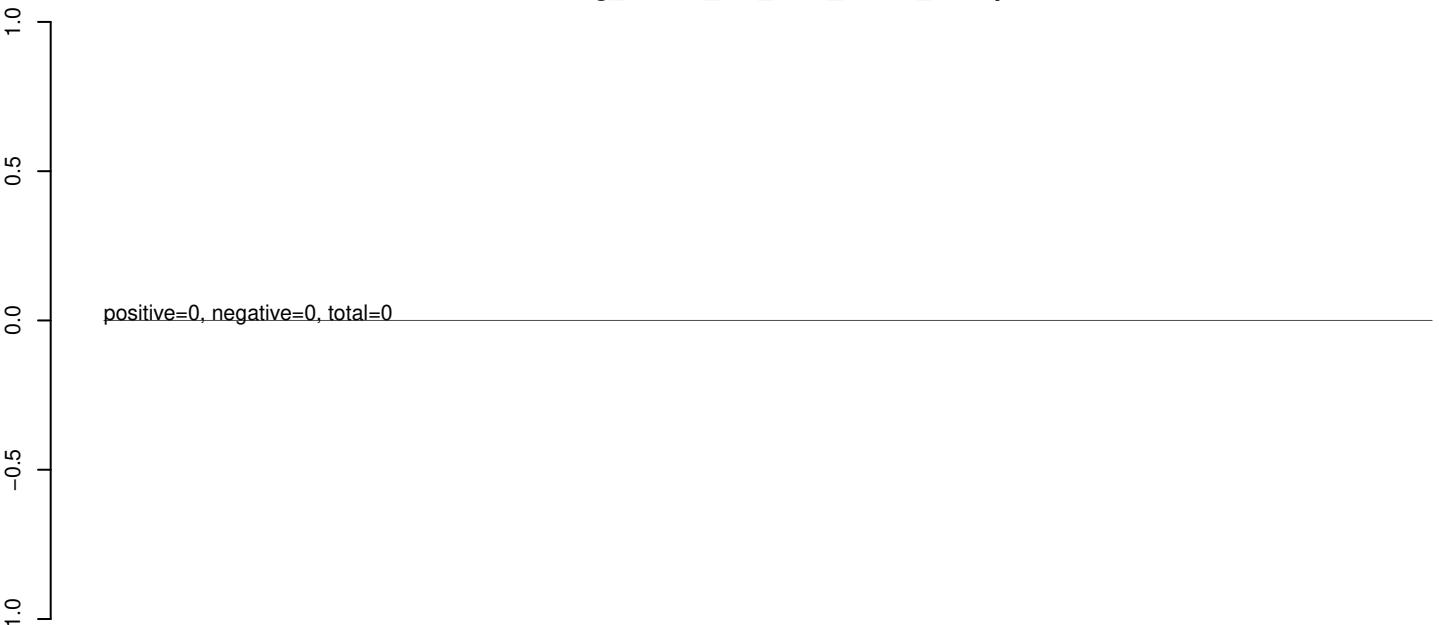
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



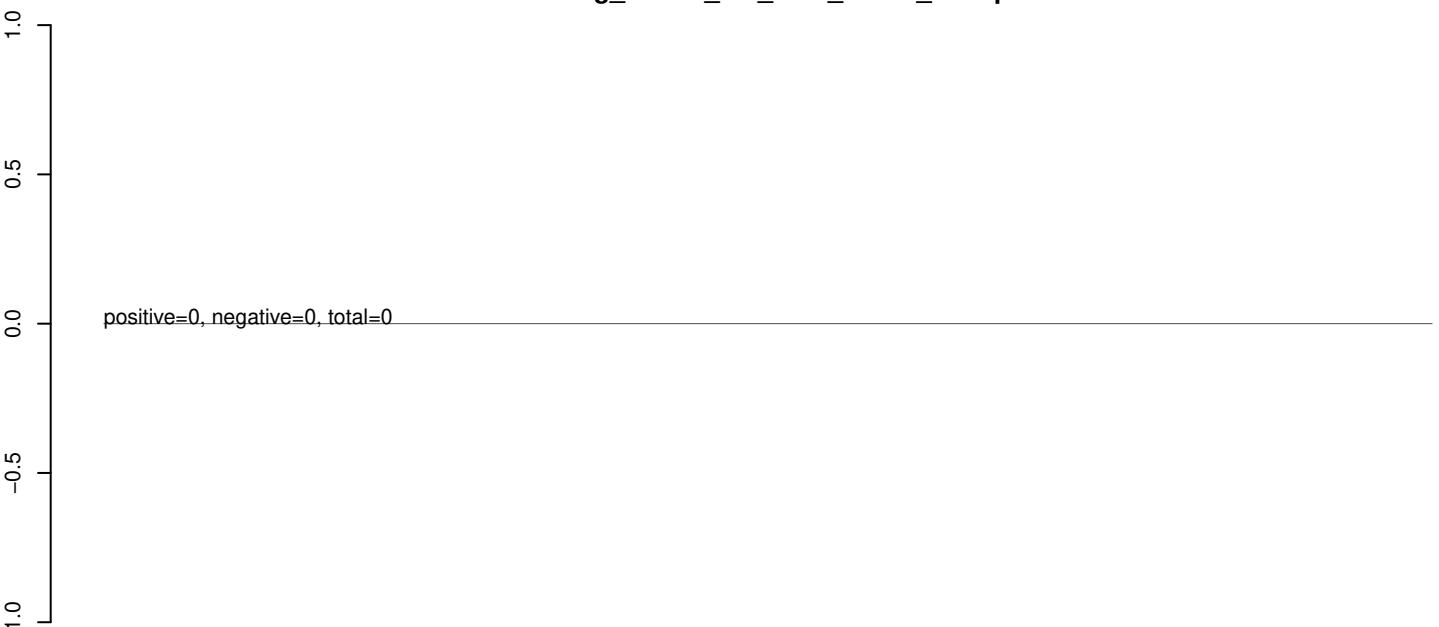
**AeAeg\_Whole\_sm\_r123\_JM.rep**



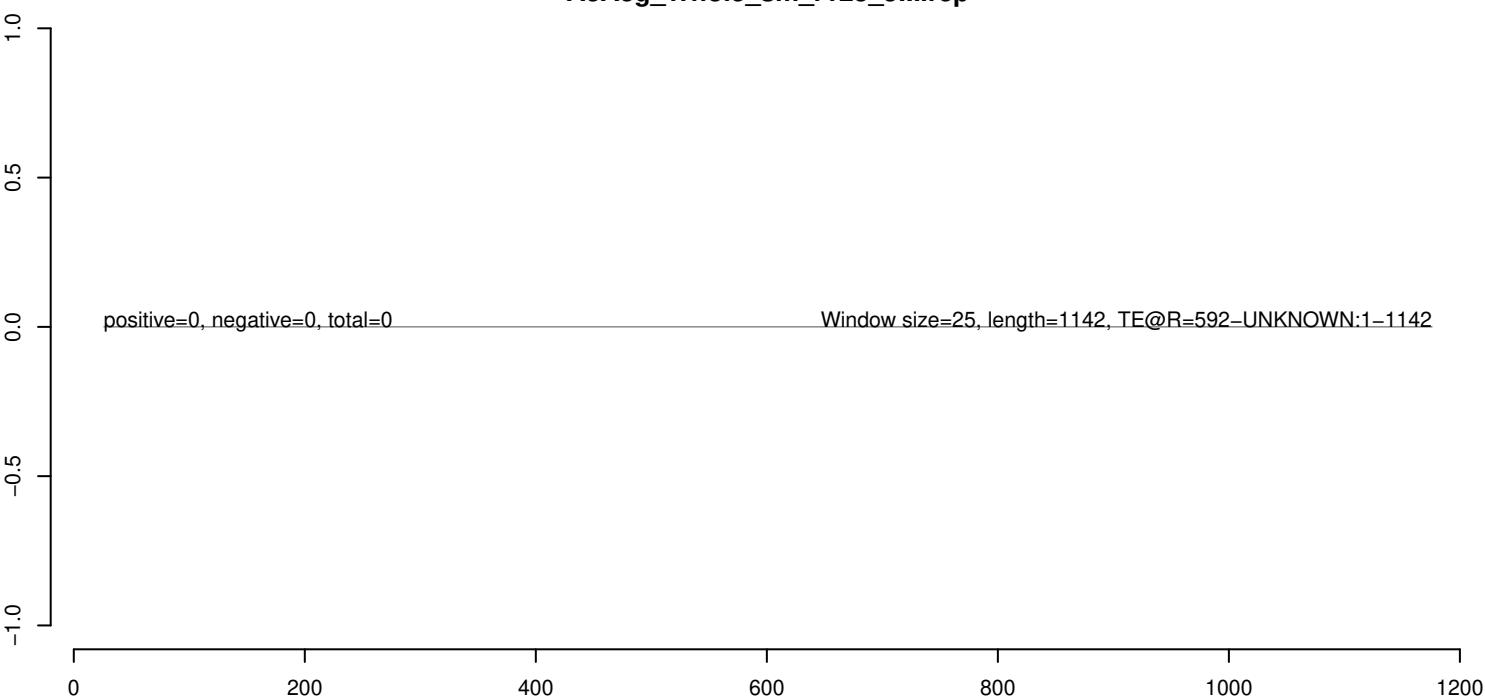
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

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**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

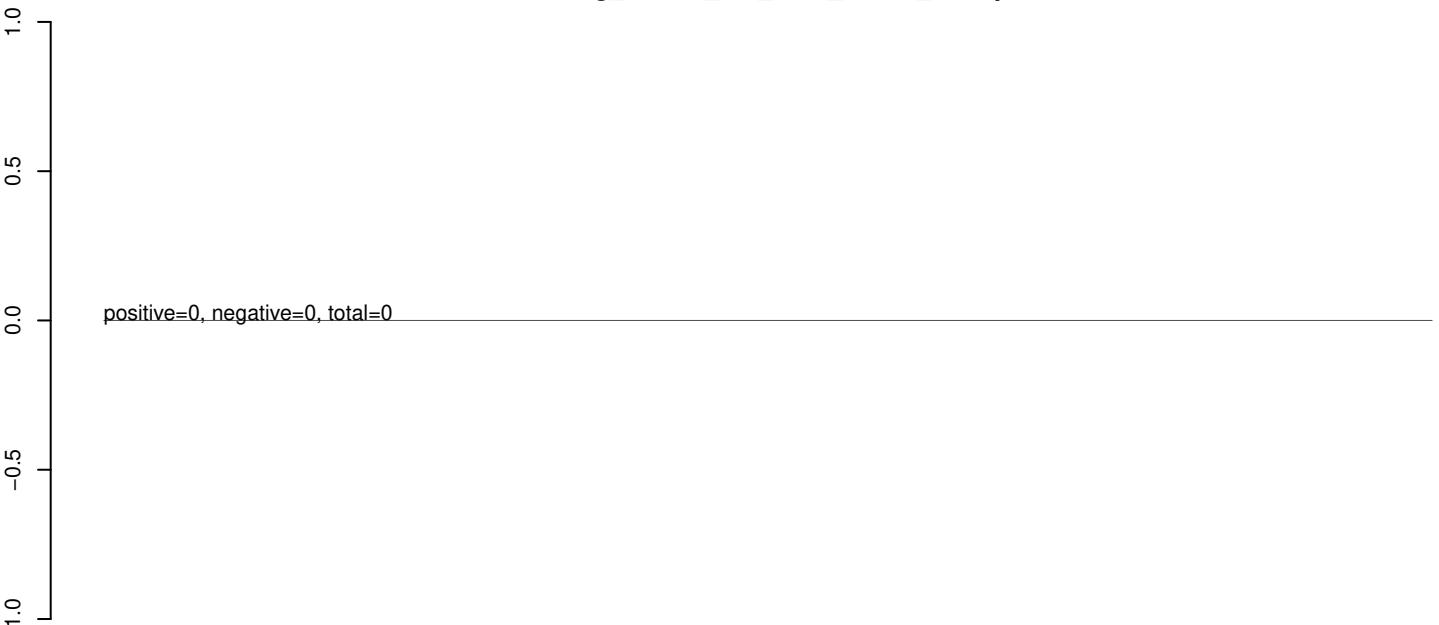
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

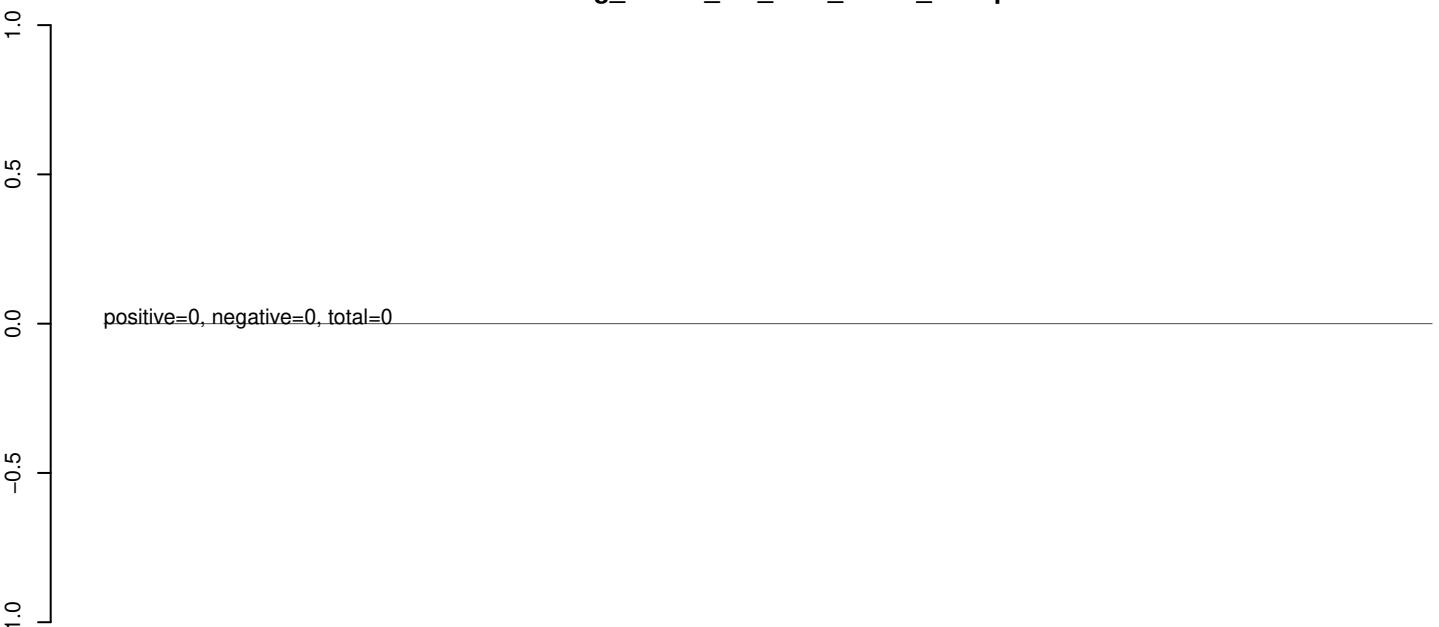
positive=0, negative=0, total=0

Window size=25, length=1653, TE@R=549-UNKNOWN:1-1653

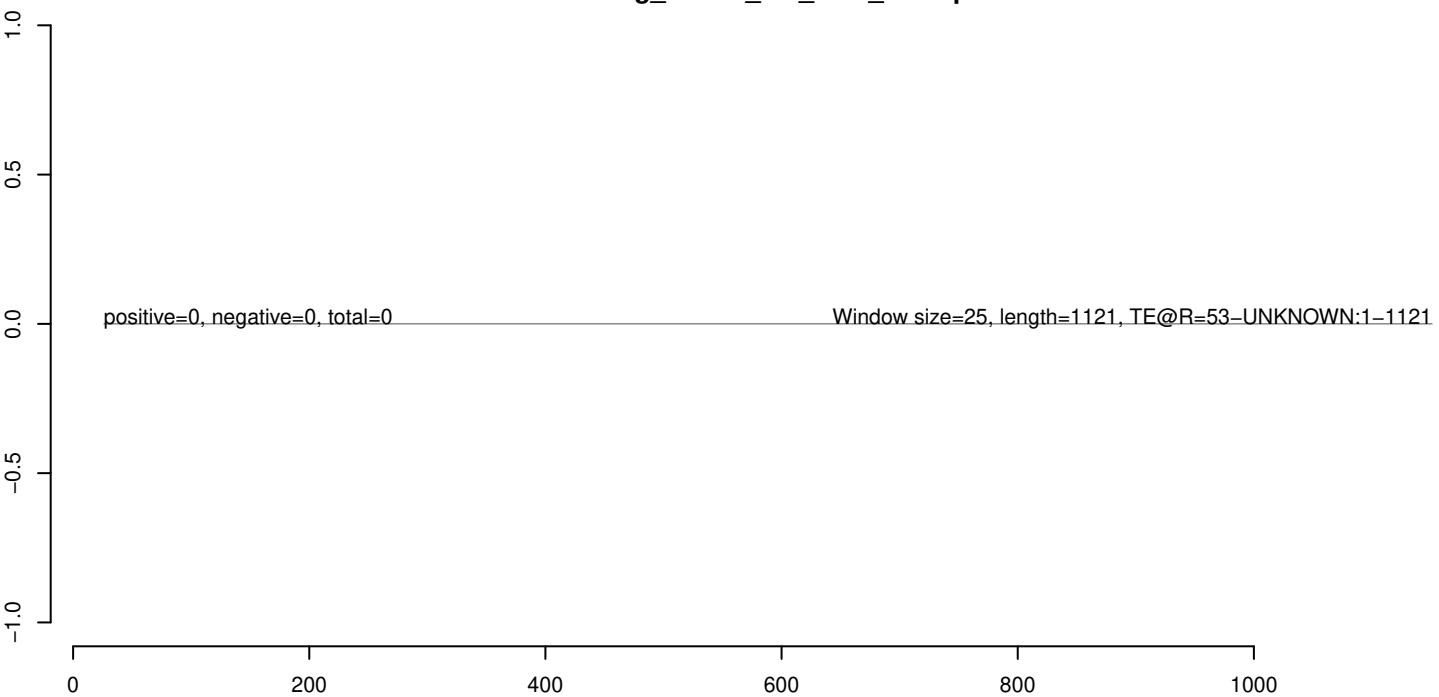
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



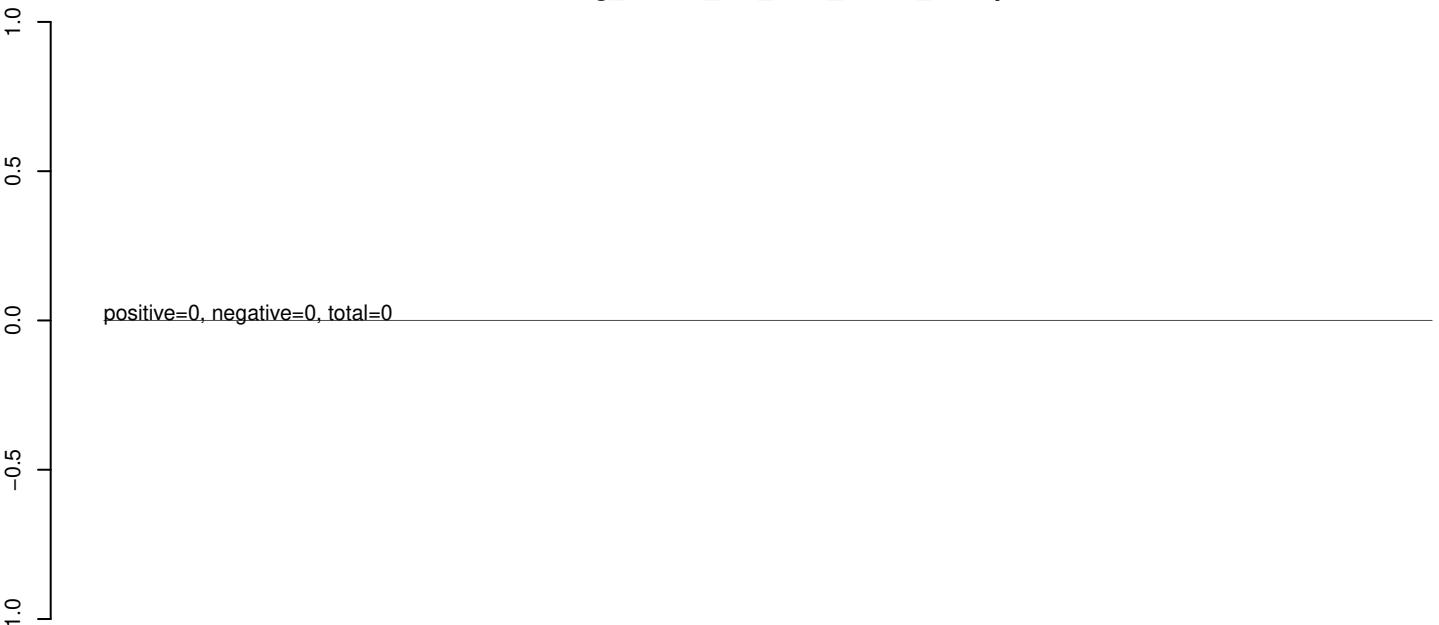
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



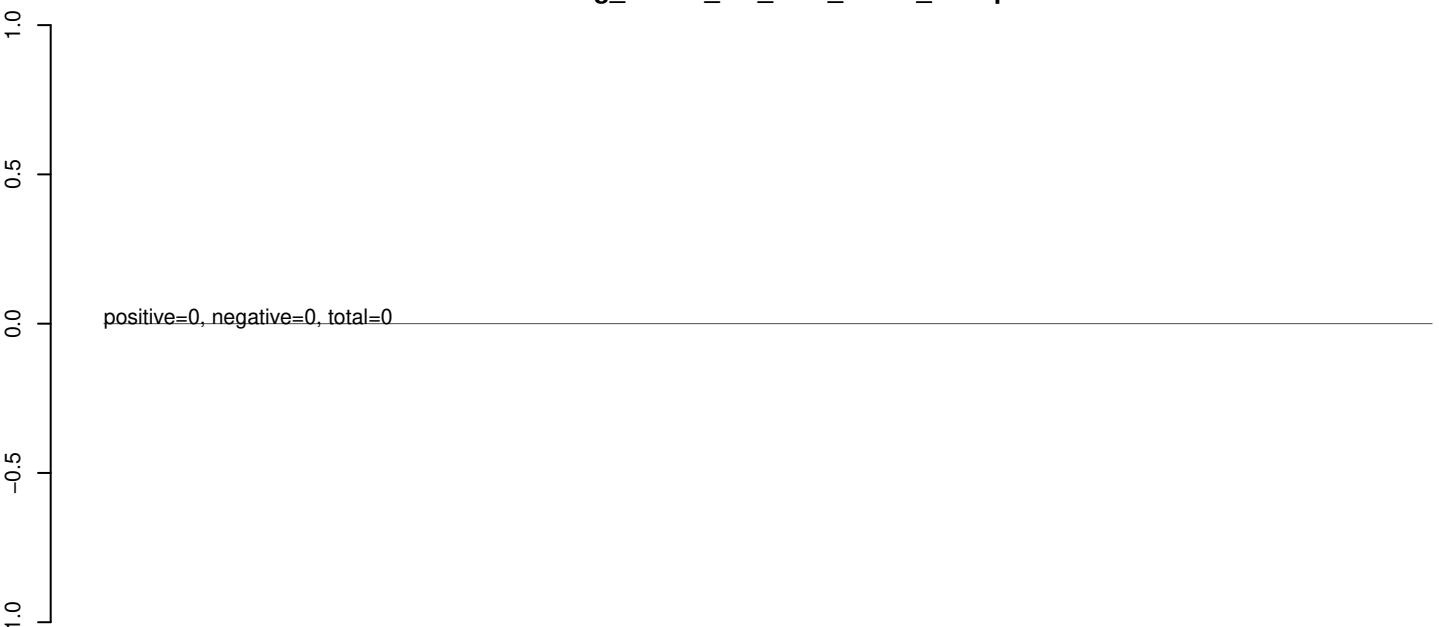
**AeAeg\_Whole\_sm\_r123\_JM.rep**



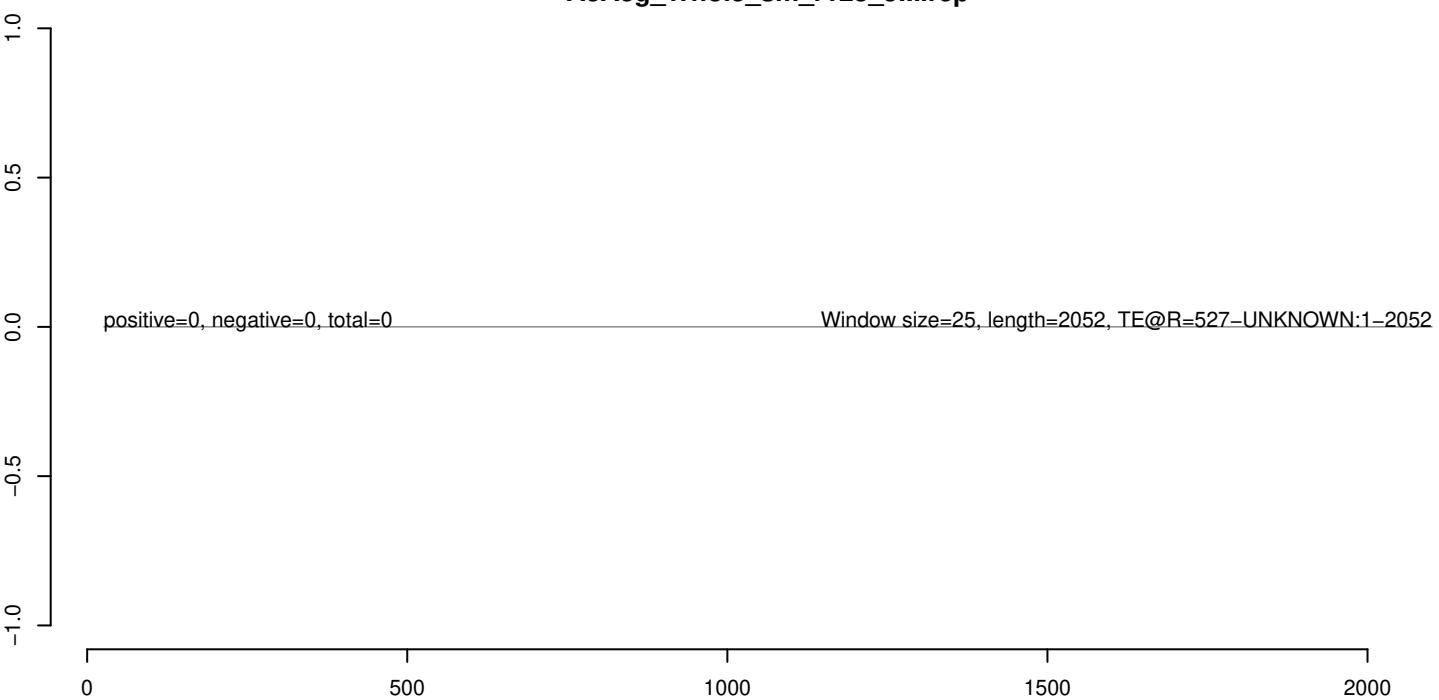
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

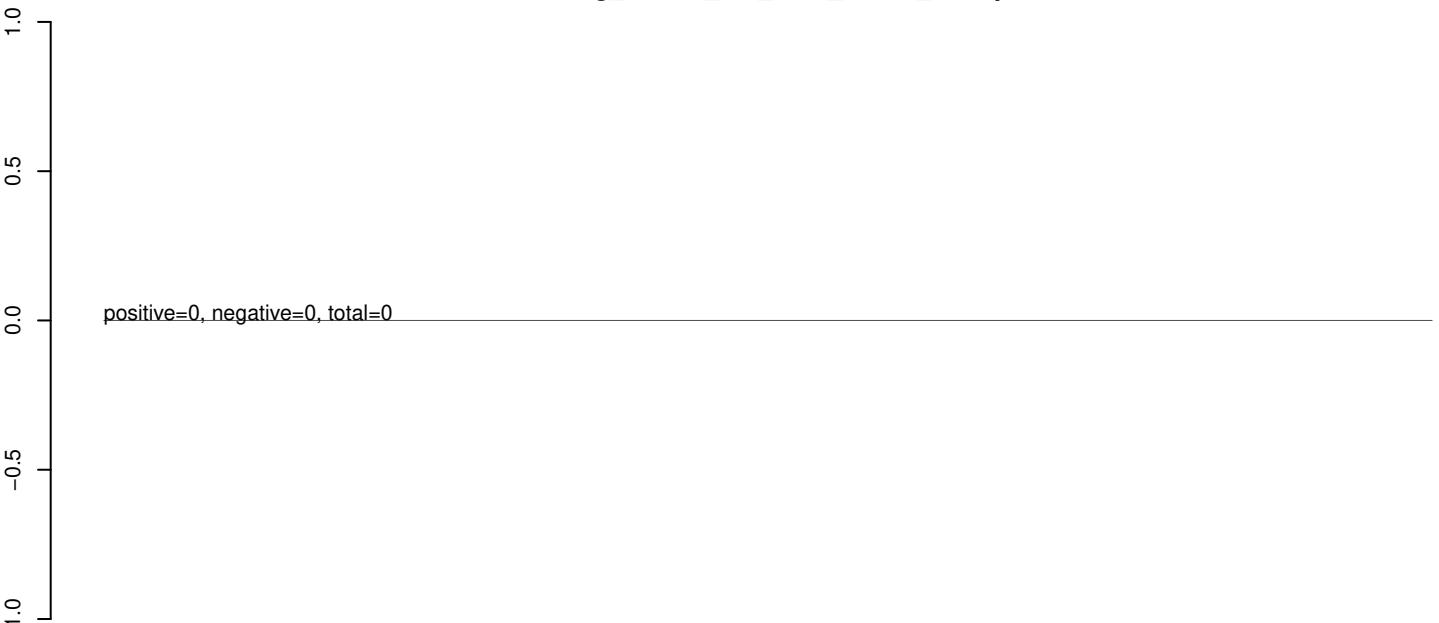
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

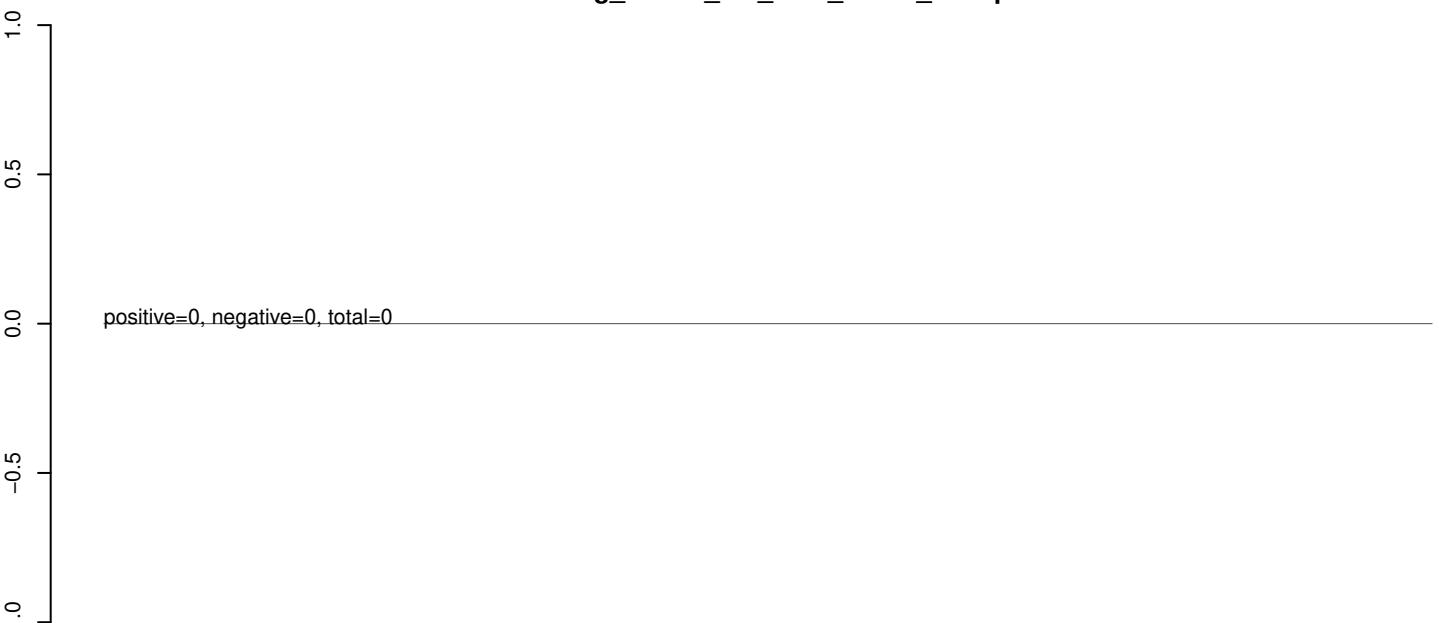
positive=0, negative=0, total=0

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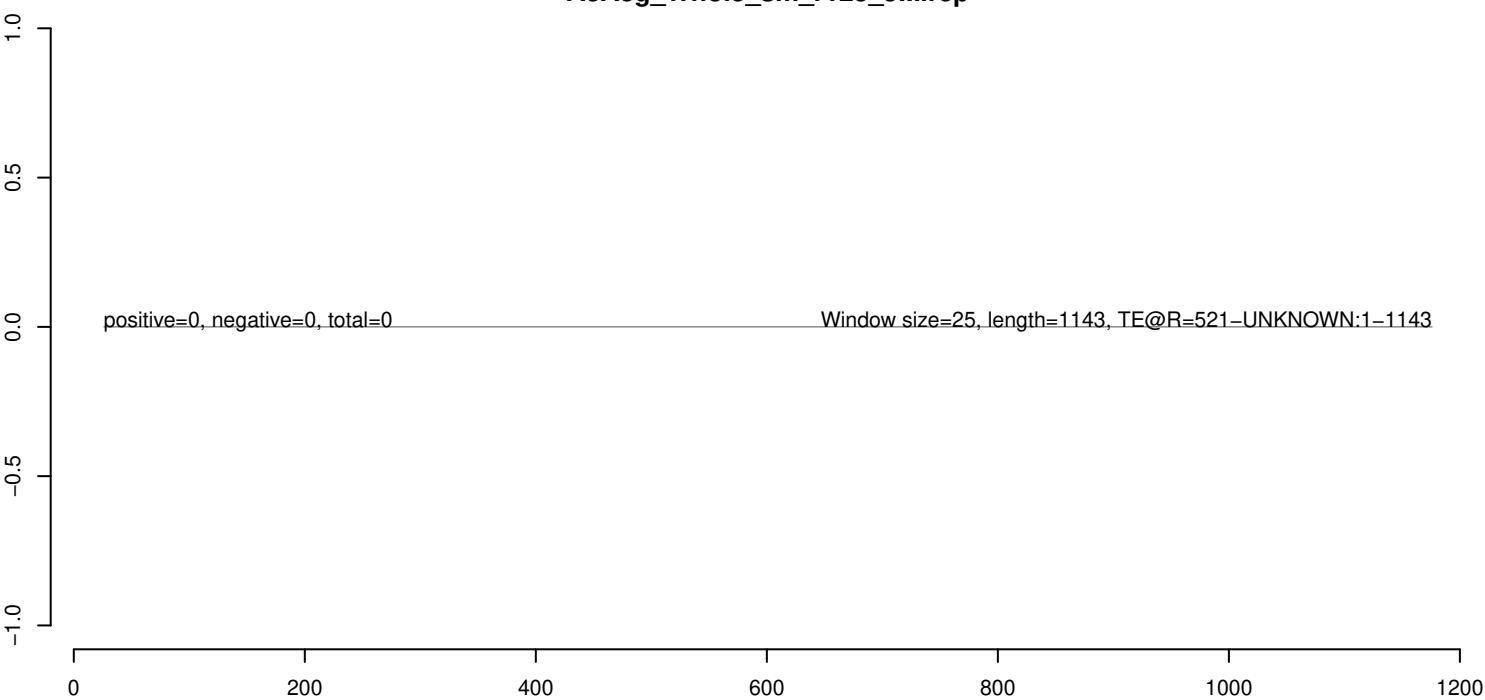
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



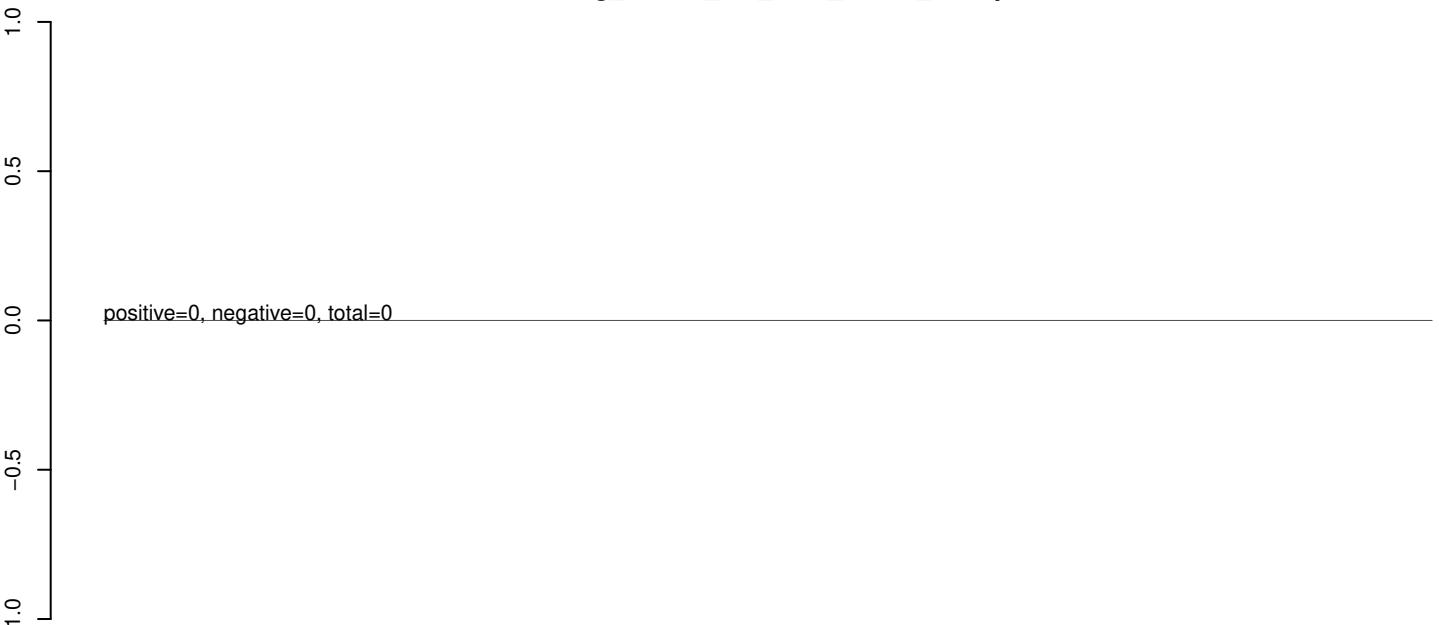
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



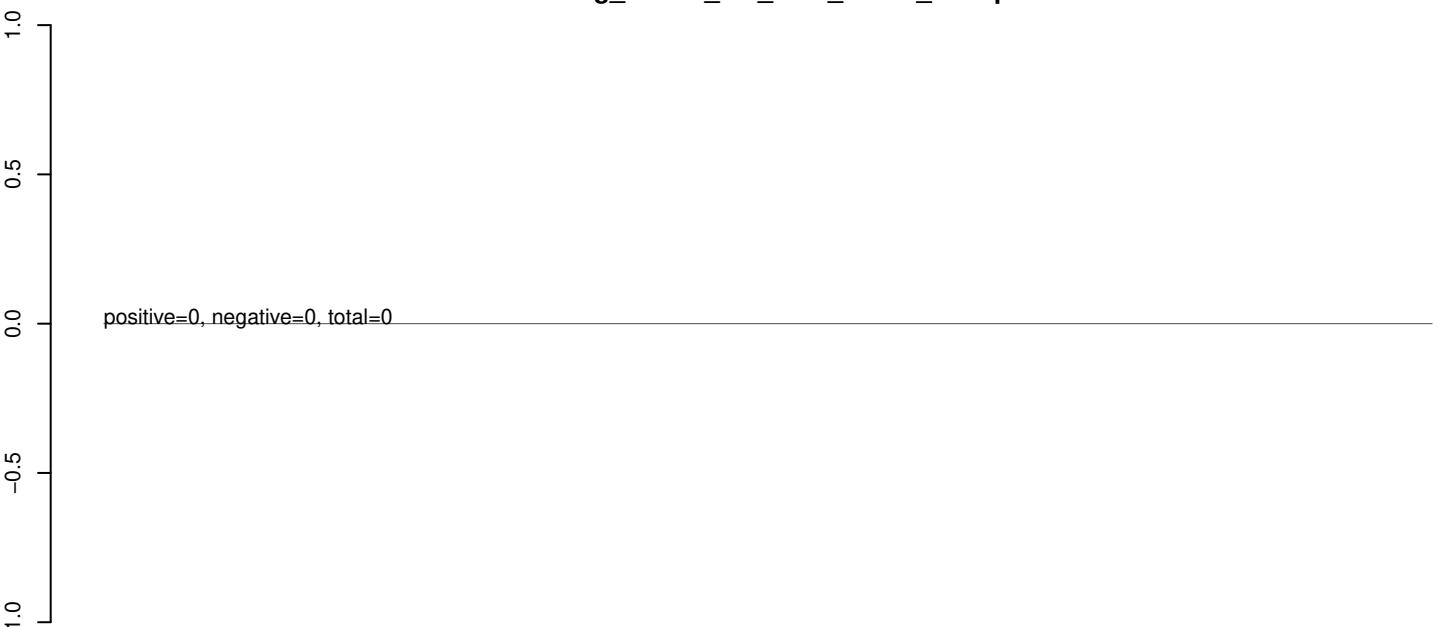
**AeAeg\_Whole\_sm\_r123\_JM.rep**



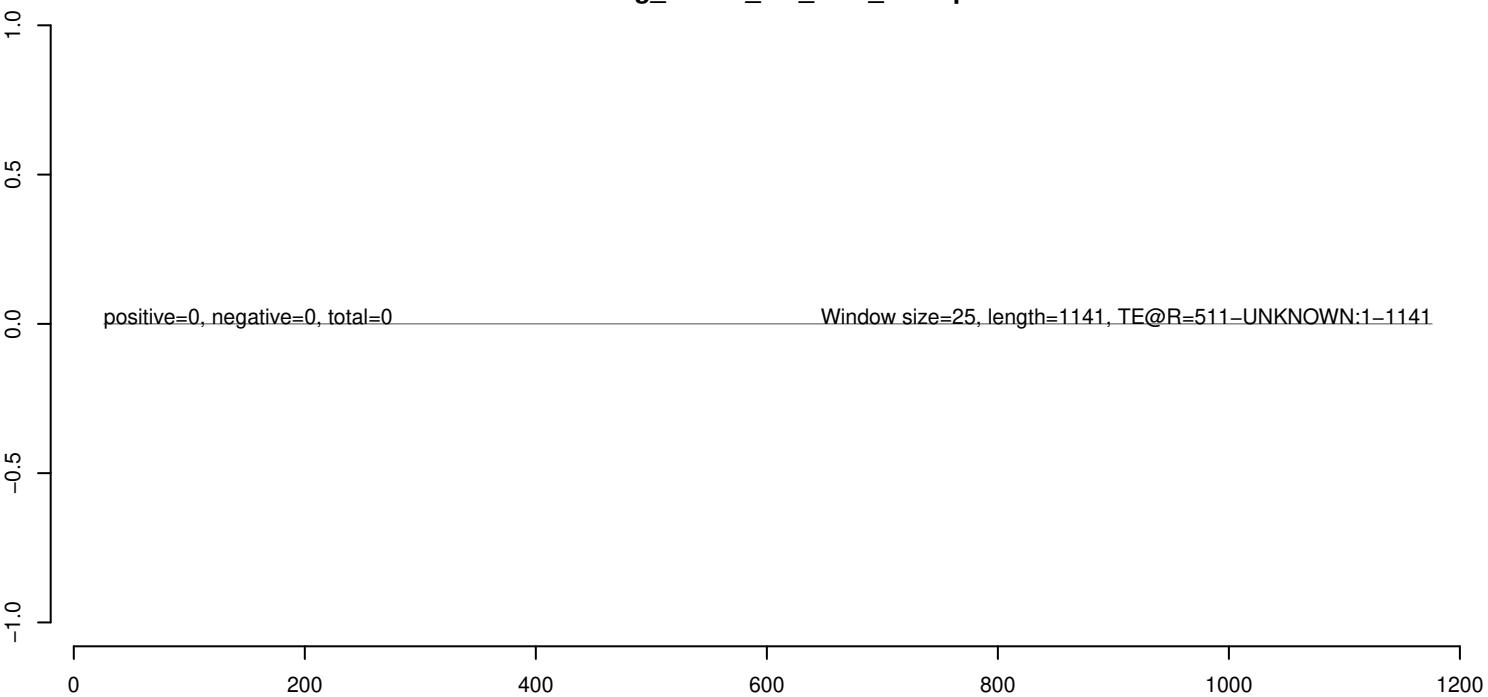
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



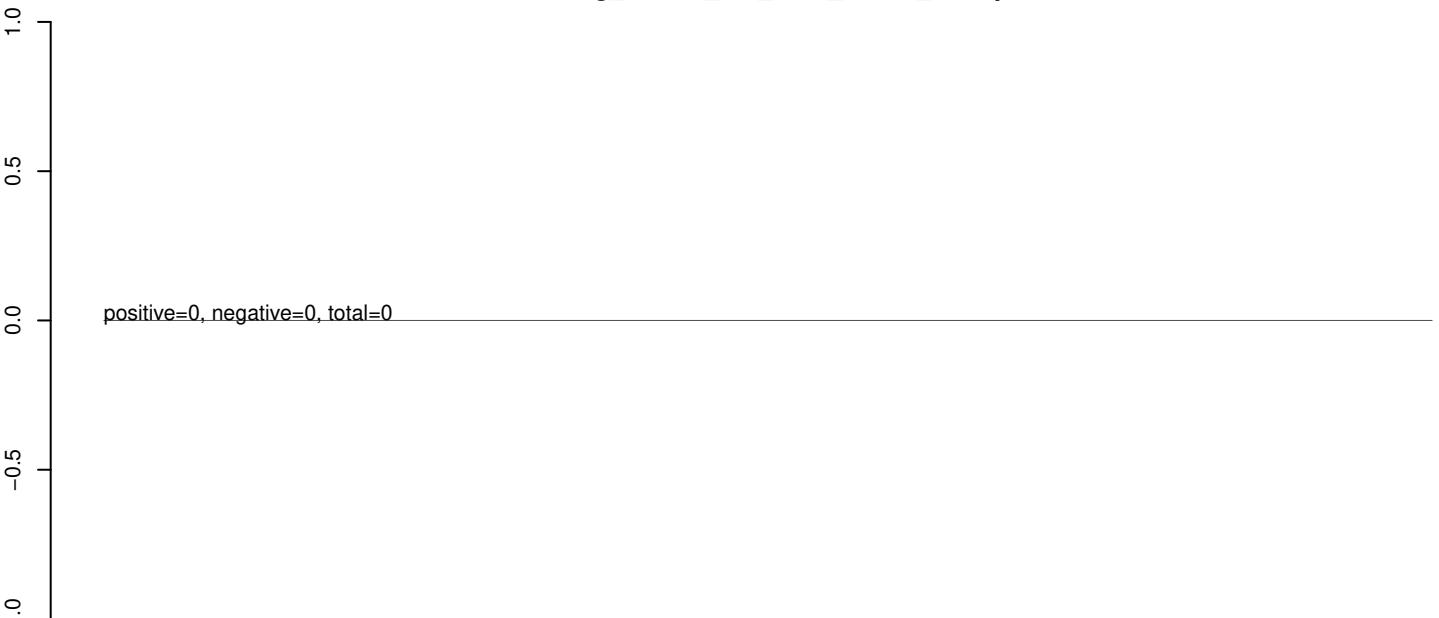
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



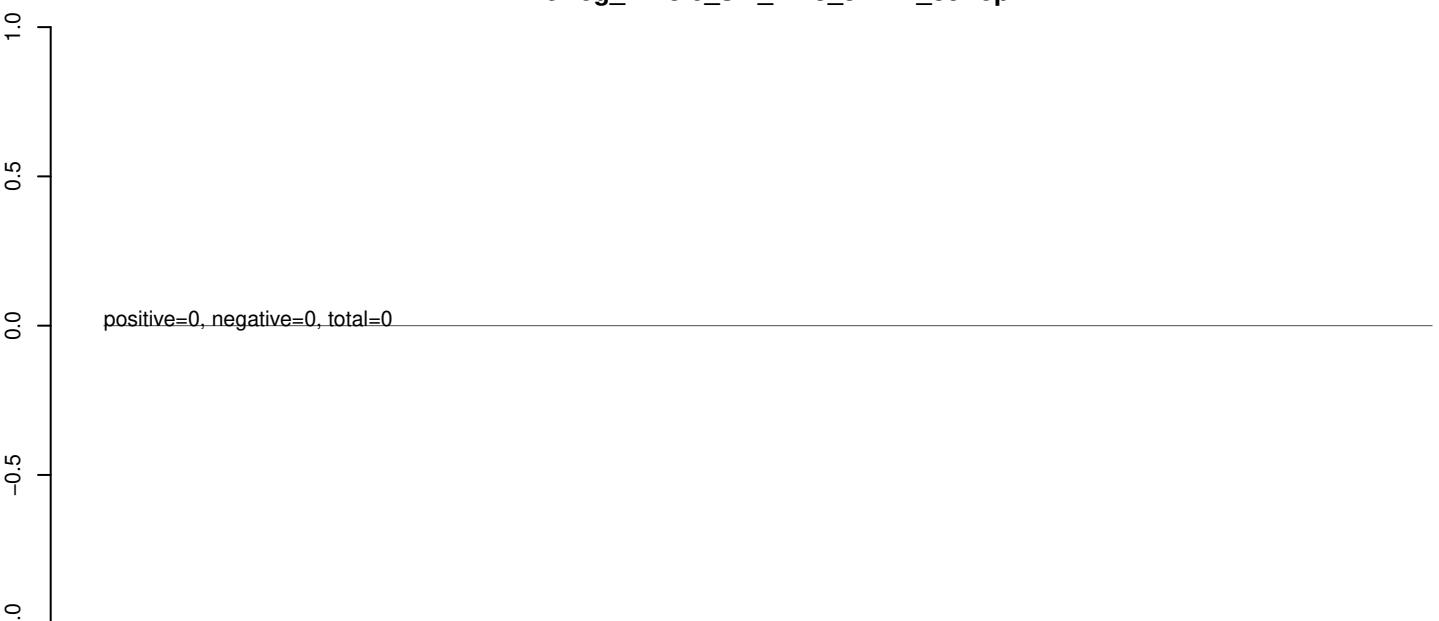
**AeAeg\_Whole\_sm\_r123\_JM.rep**



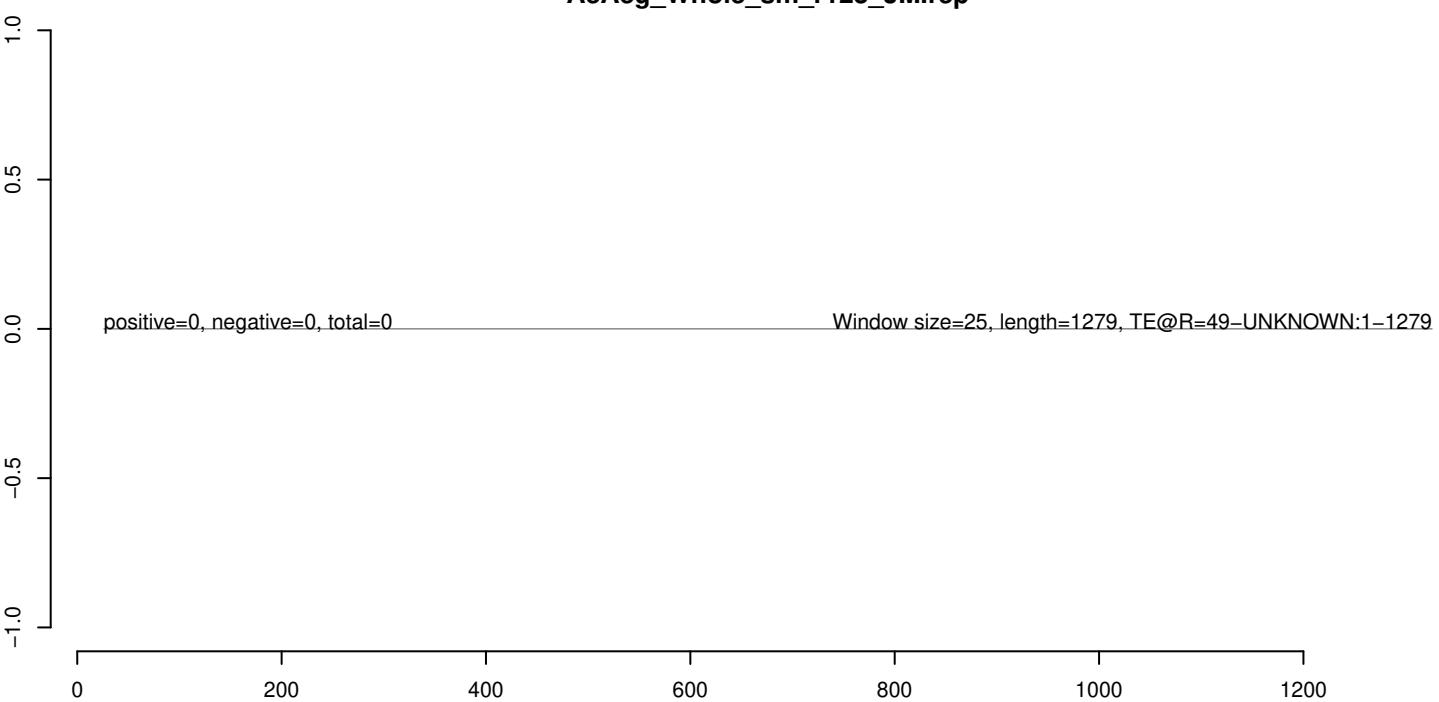
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

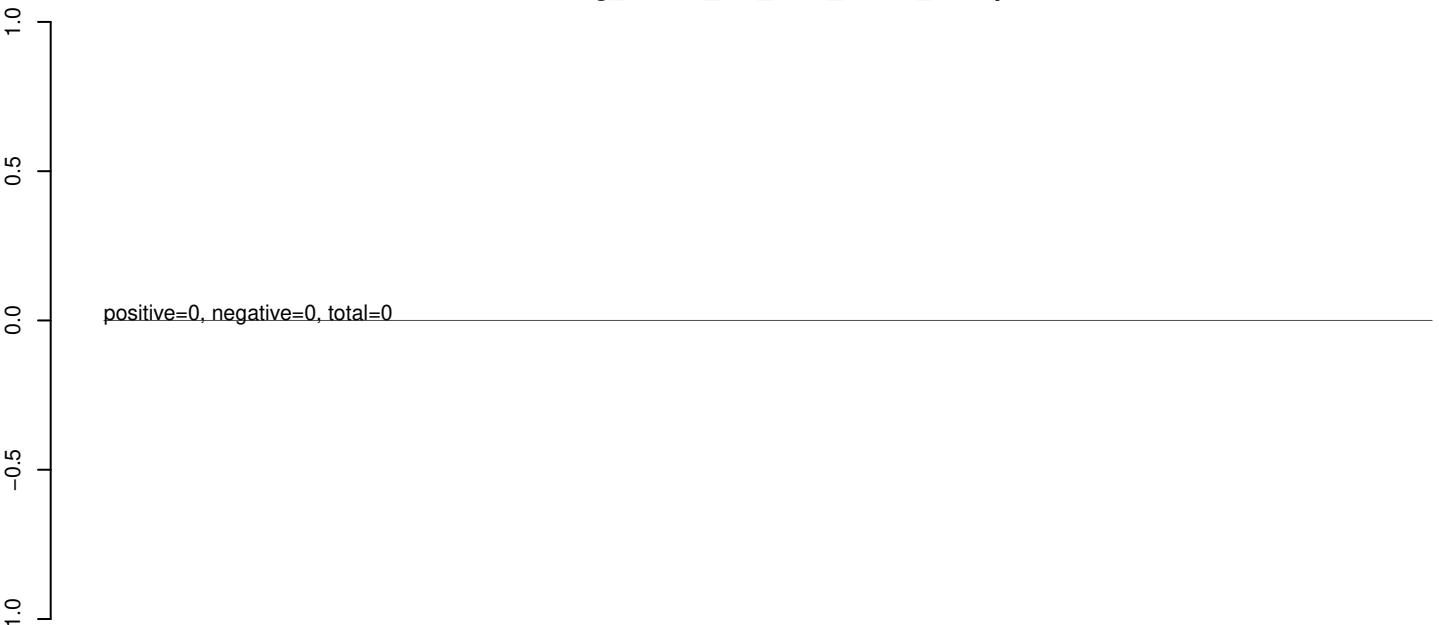
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

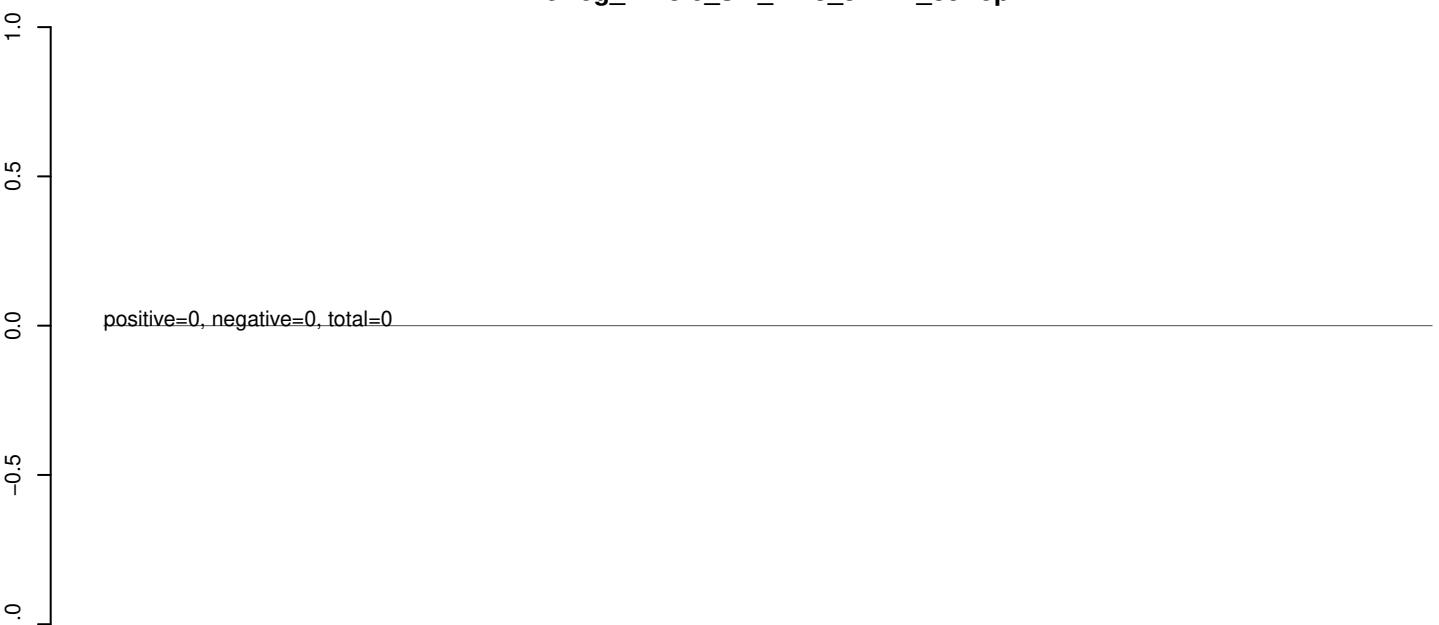
Window size=25, length=1743, TE@R=48-UNKNOWN:1-1743

0 500 1000 1500

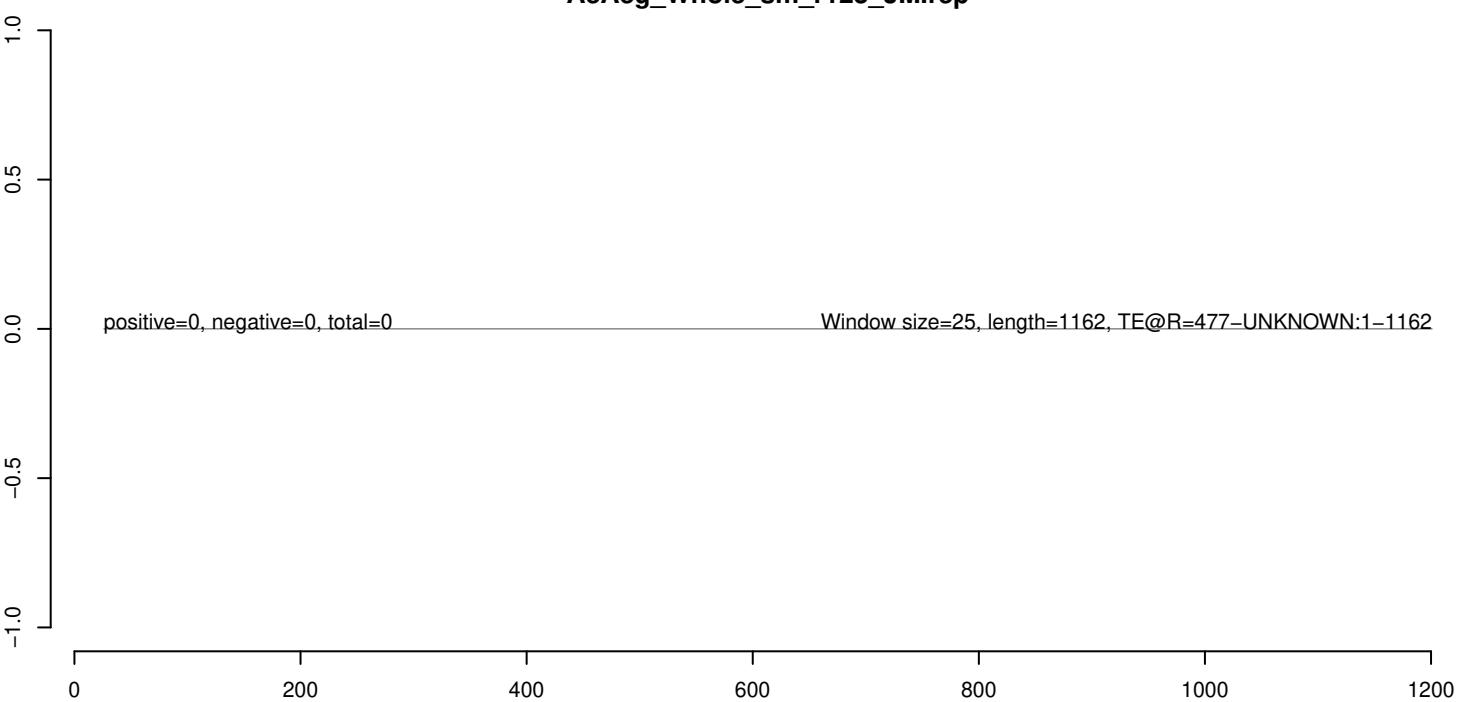
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



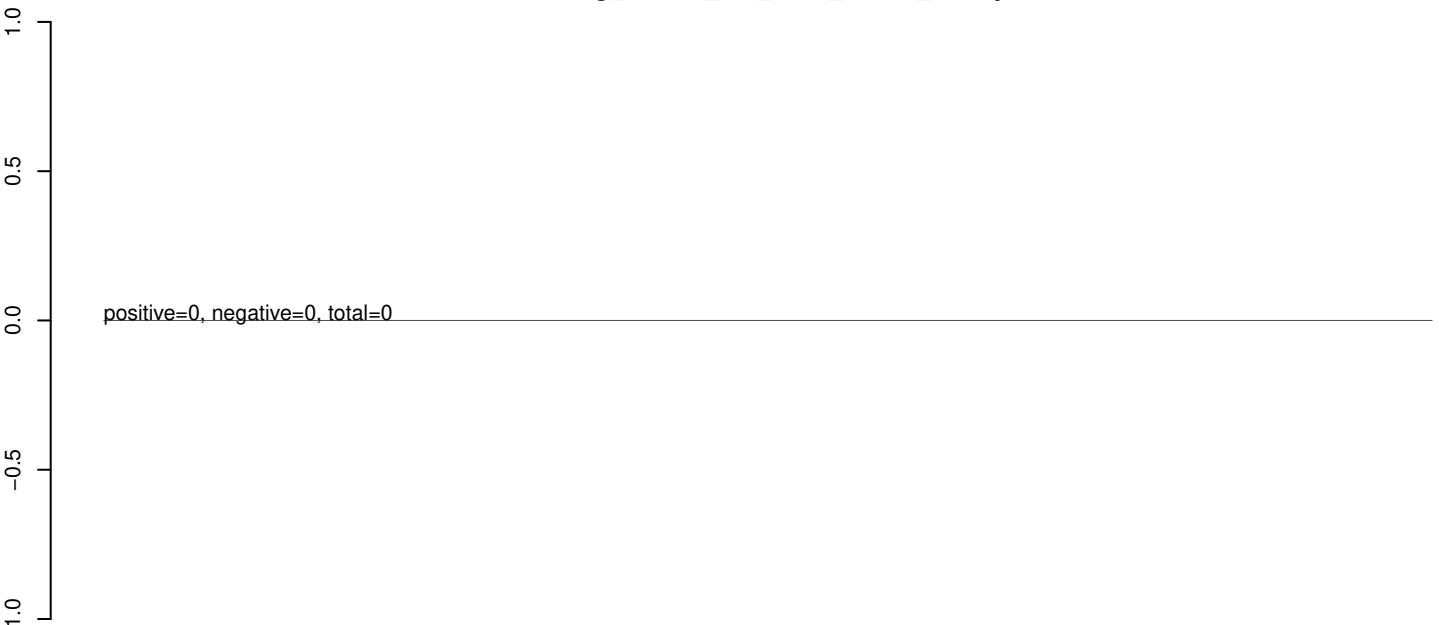
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



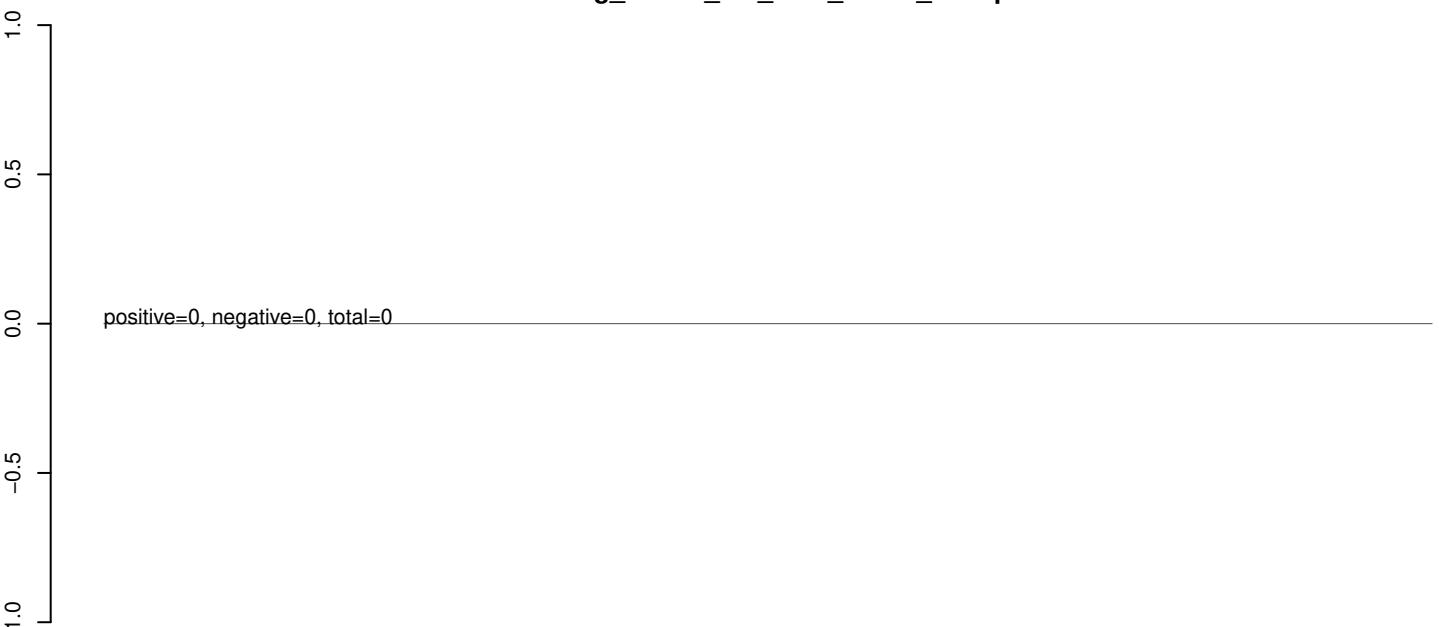
**AeAeg\_Whole\_sm\_r123\_JM.rep**



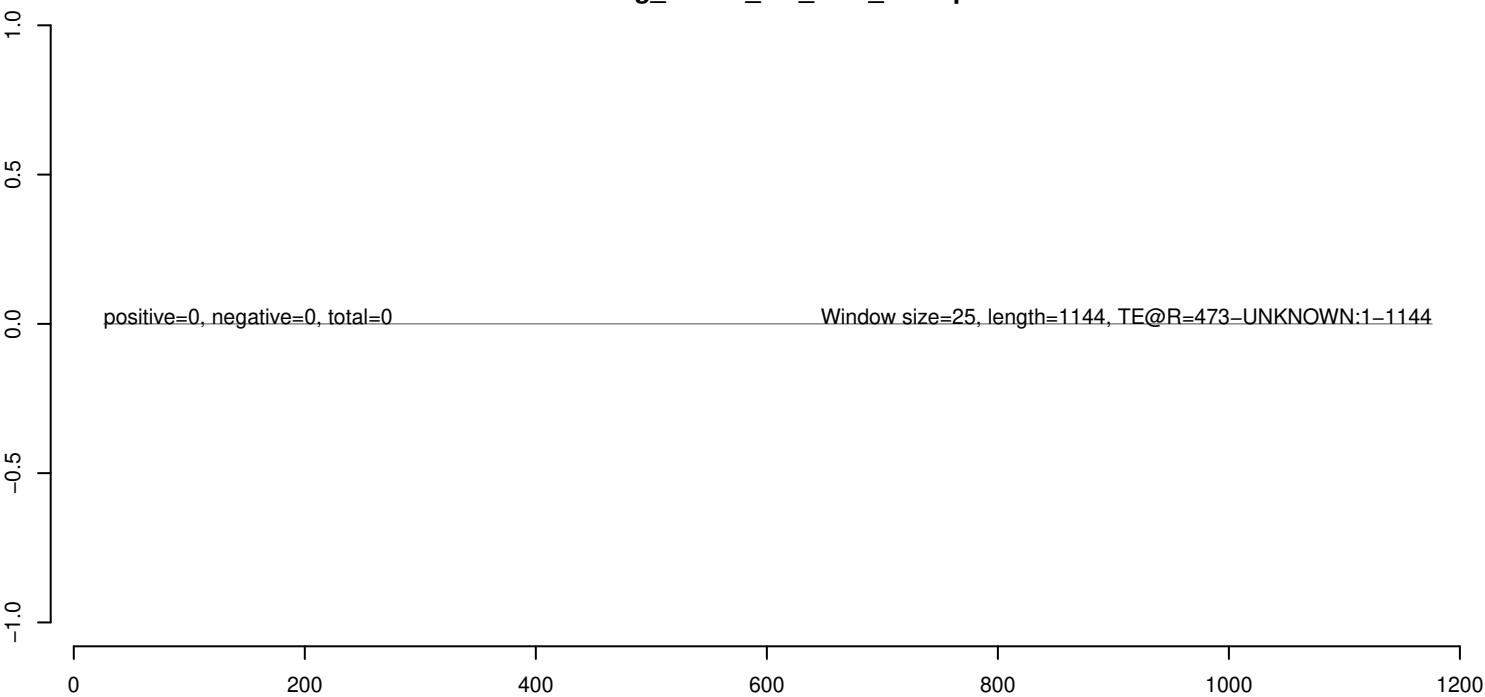
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



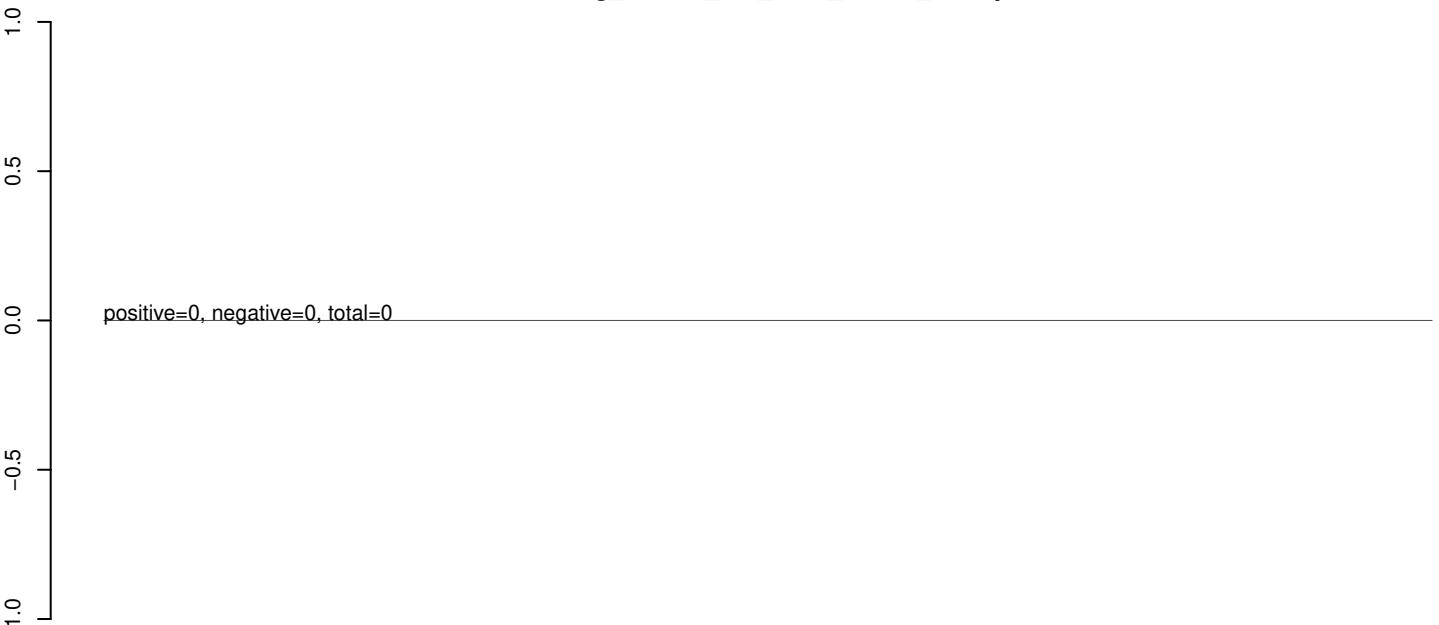
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



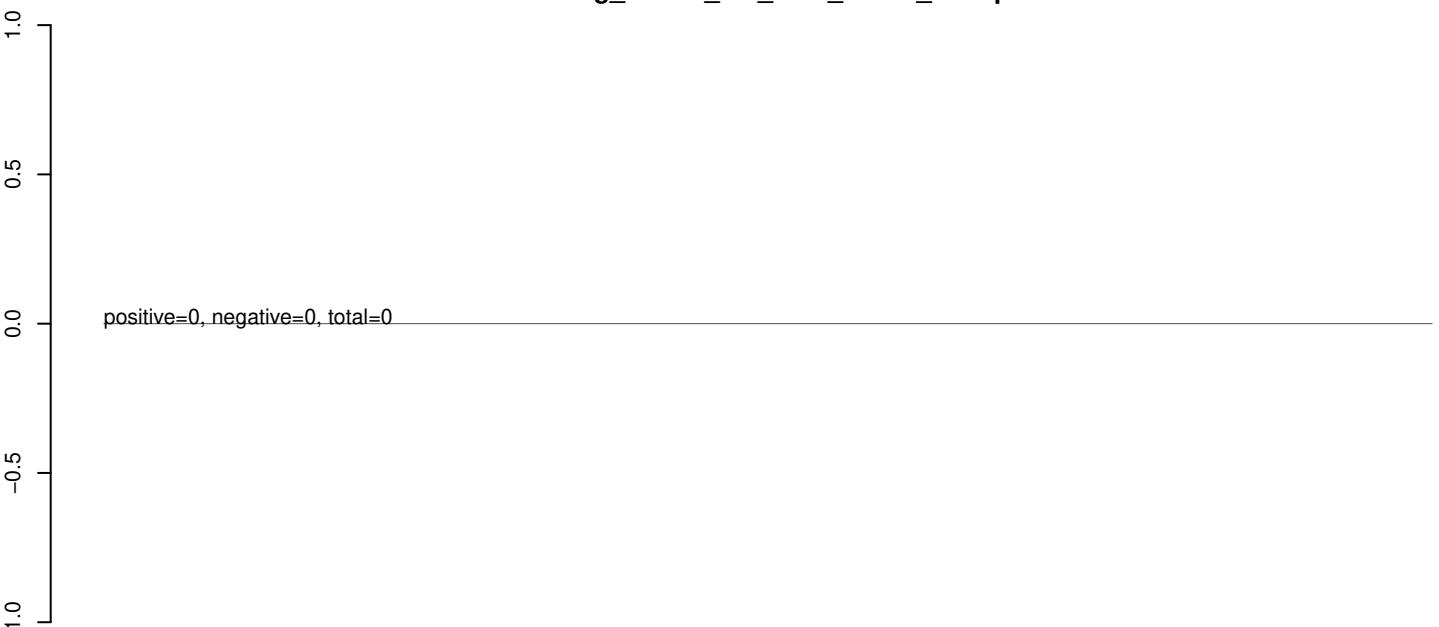
**AeAeg\_Whole\_sm\_r123\_JM.rep**



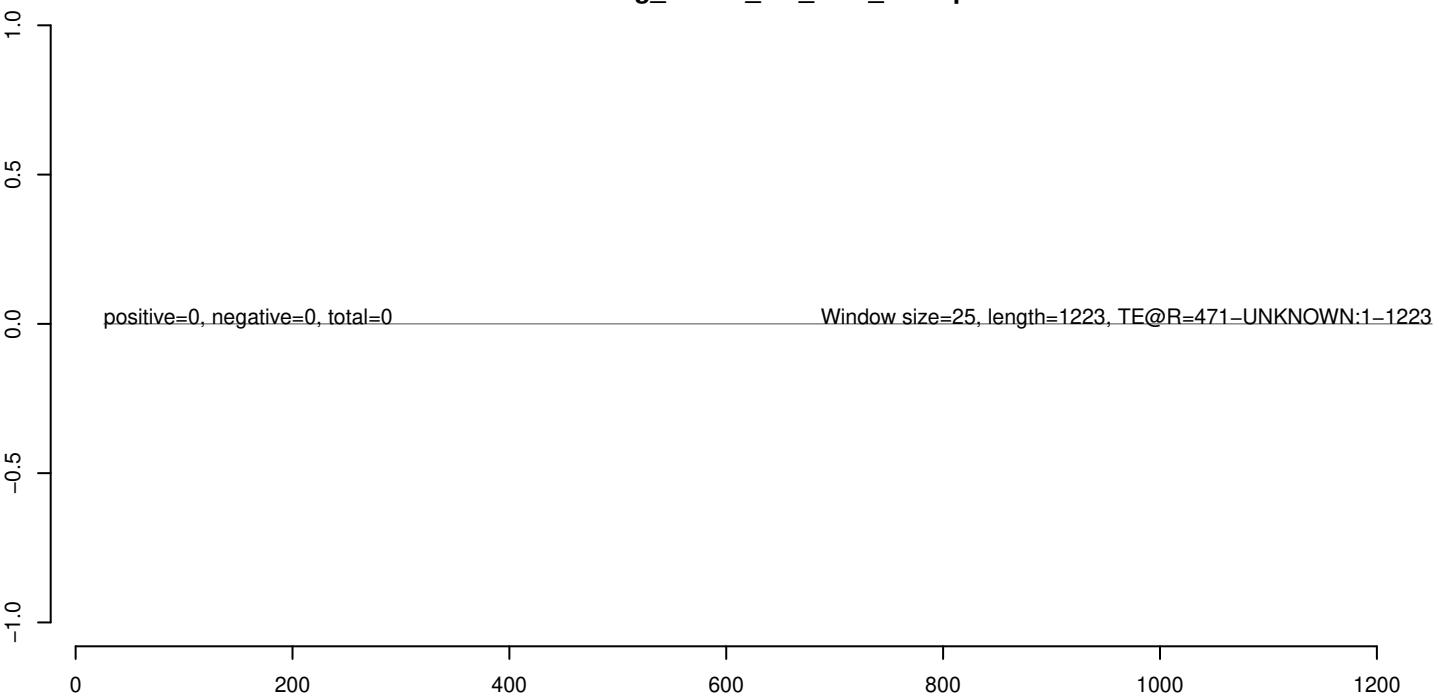
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

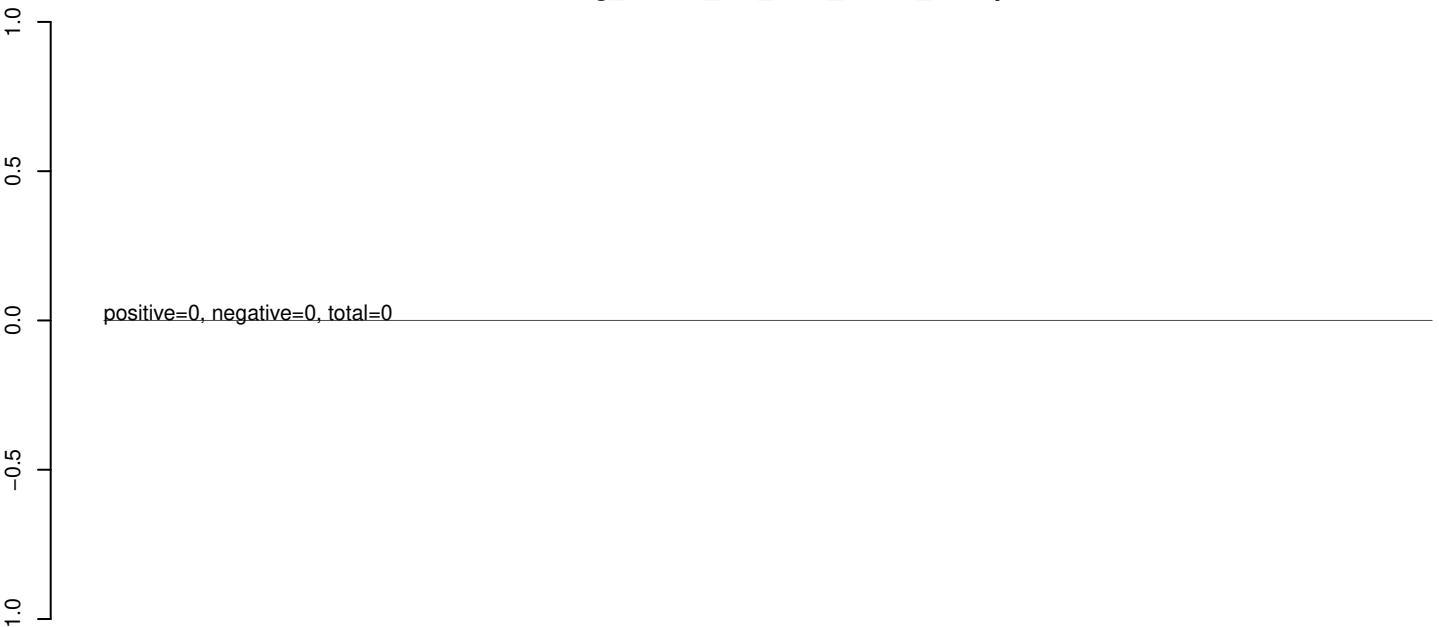
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

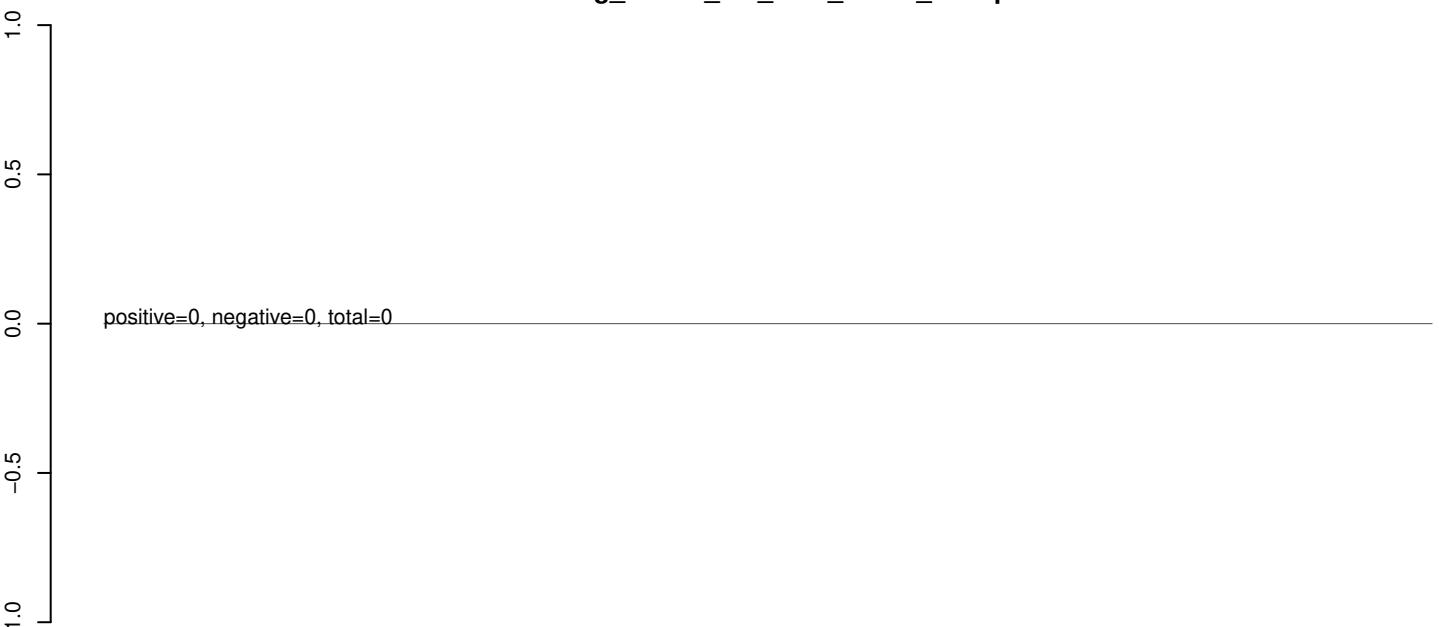
positive=0, negative=0, total=0

Window size=25, length=1248, TE@R=453-UNKNOWN:1-1248

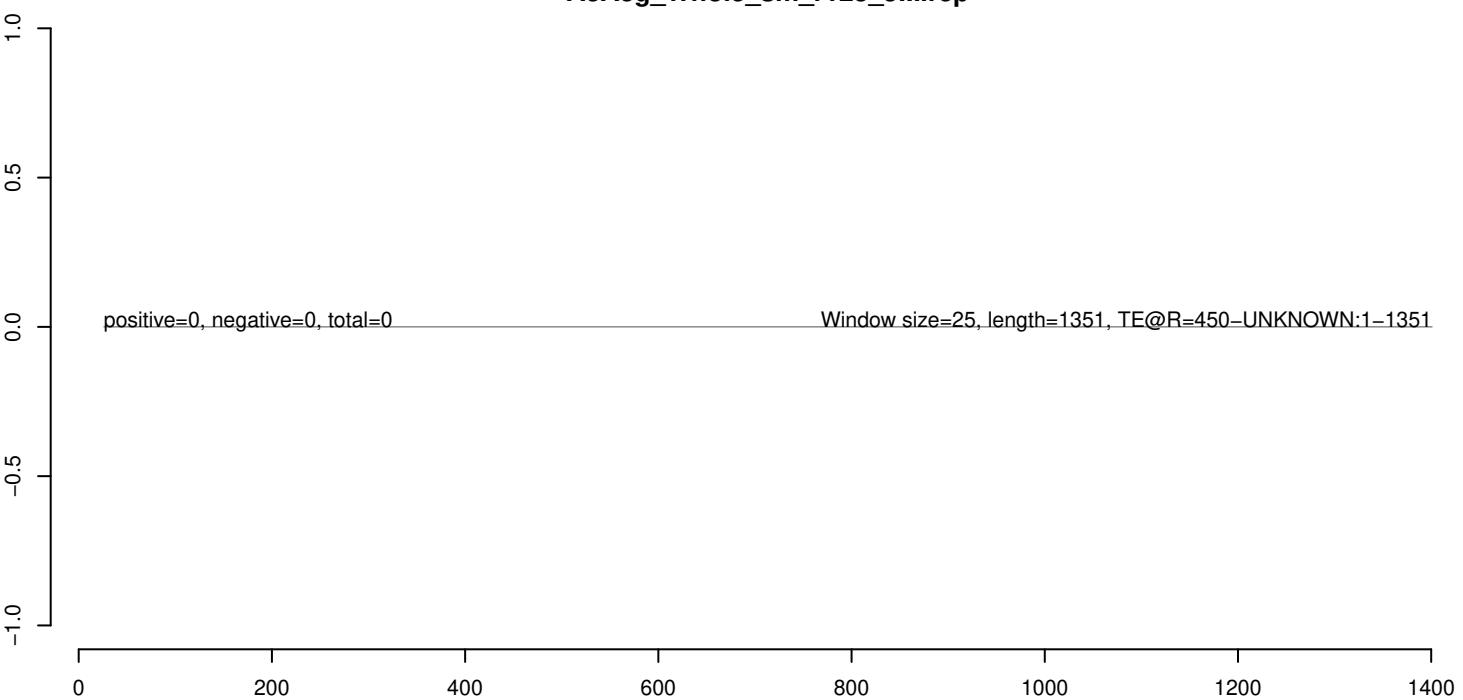
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



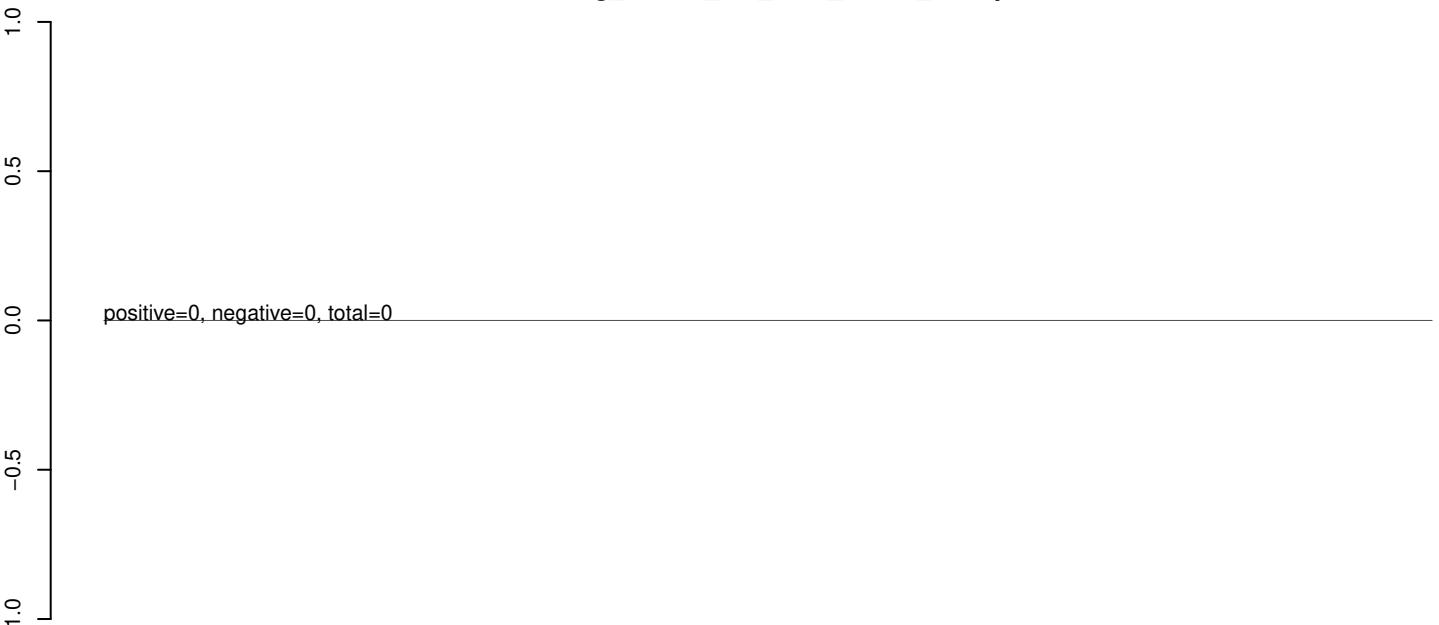
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



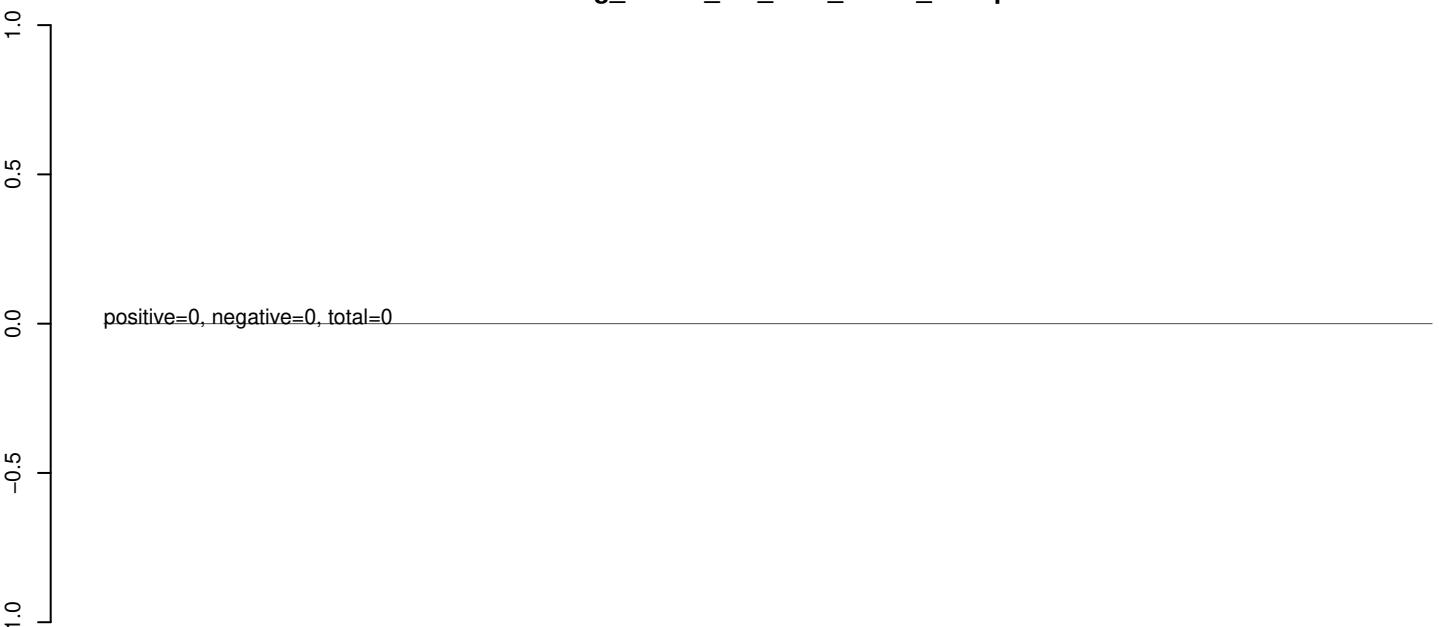
**AeAeg\_Whole\_sm\_r123\_JM.rep**



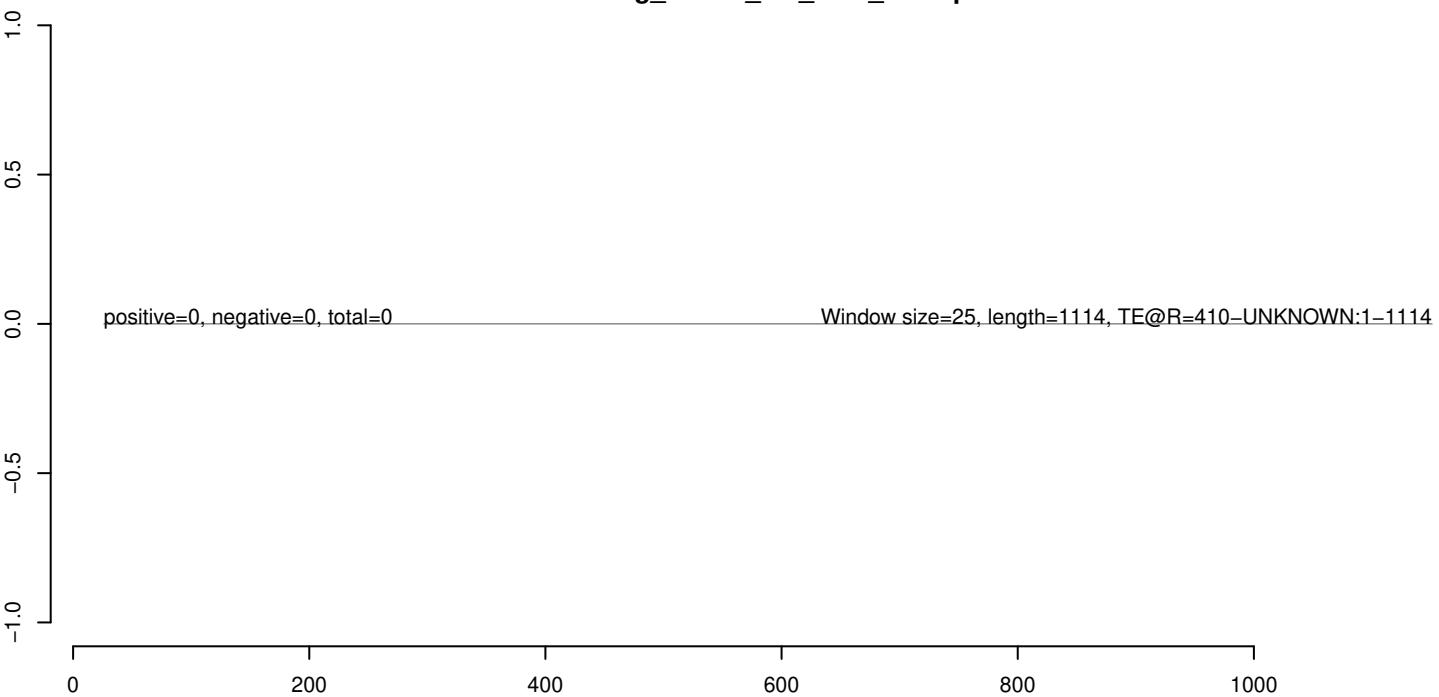
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



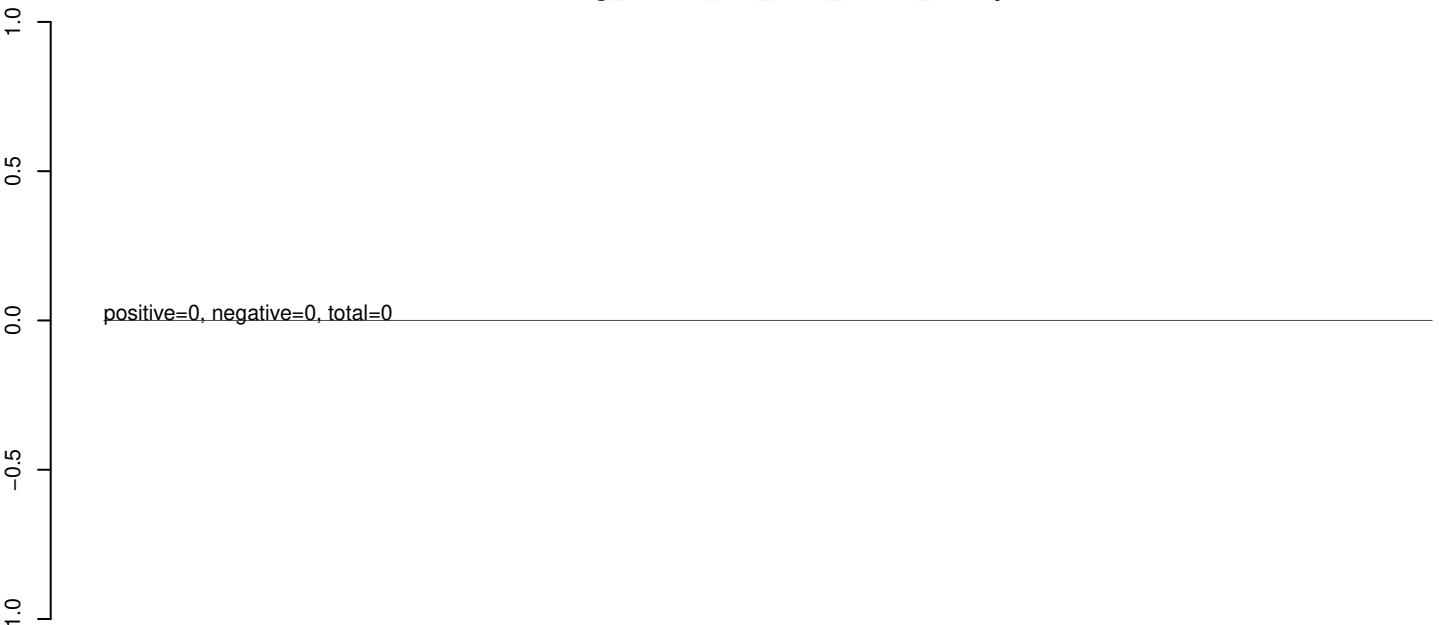
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



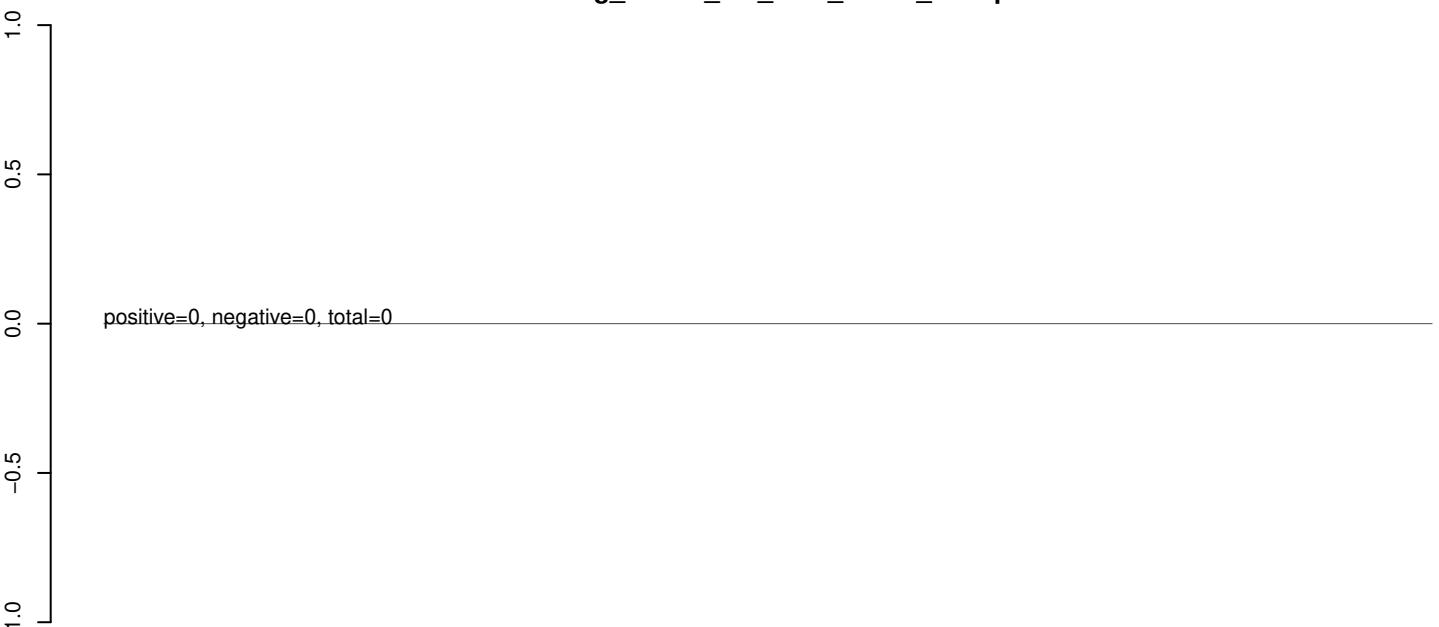
**AeAeg\_Whole\_sm\_r123\_JM.rep**



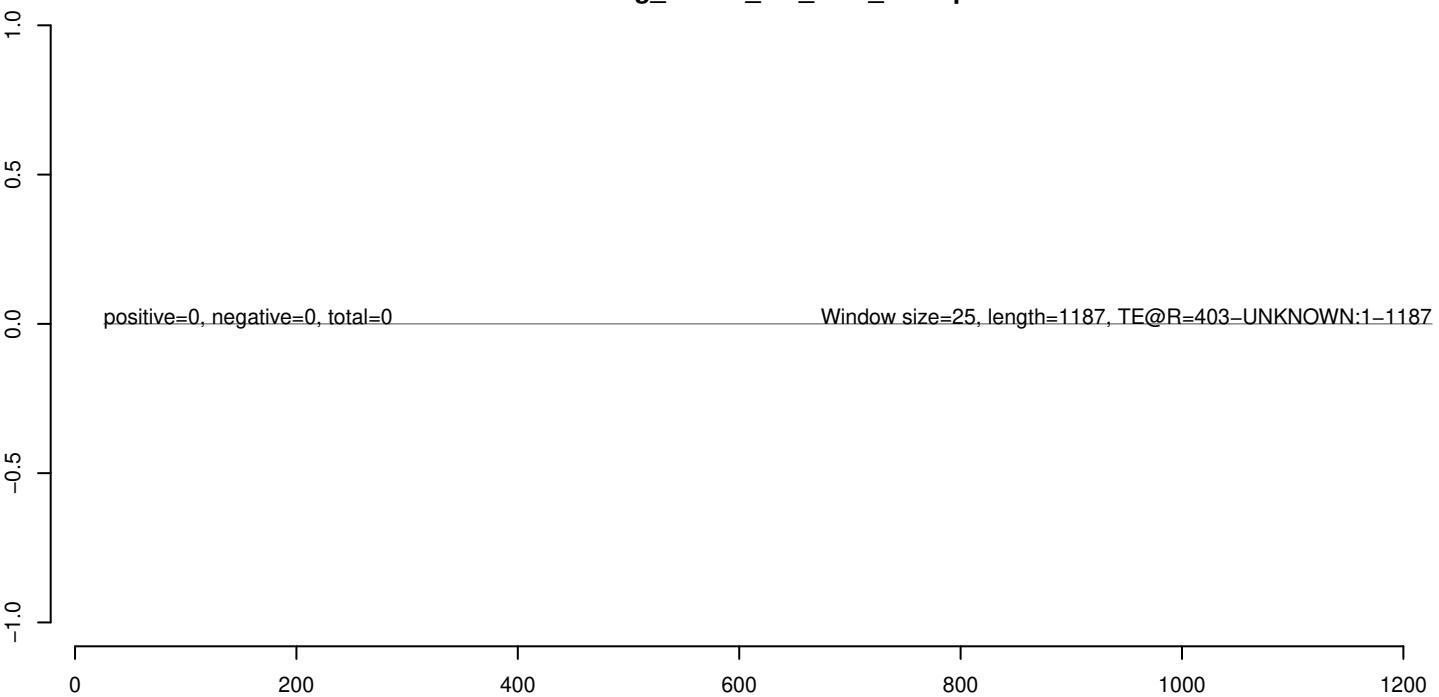
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



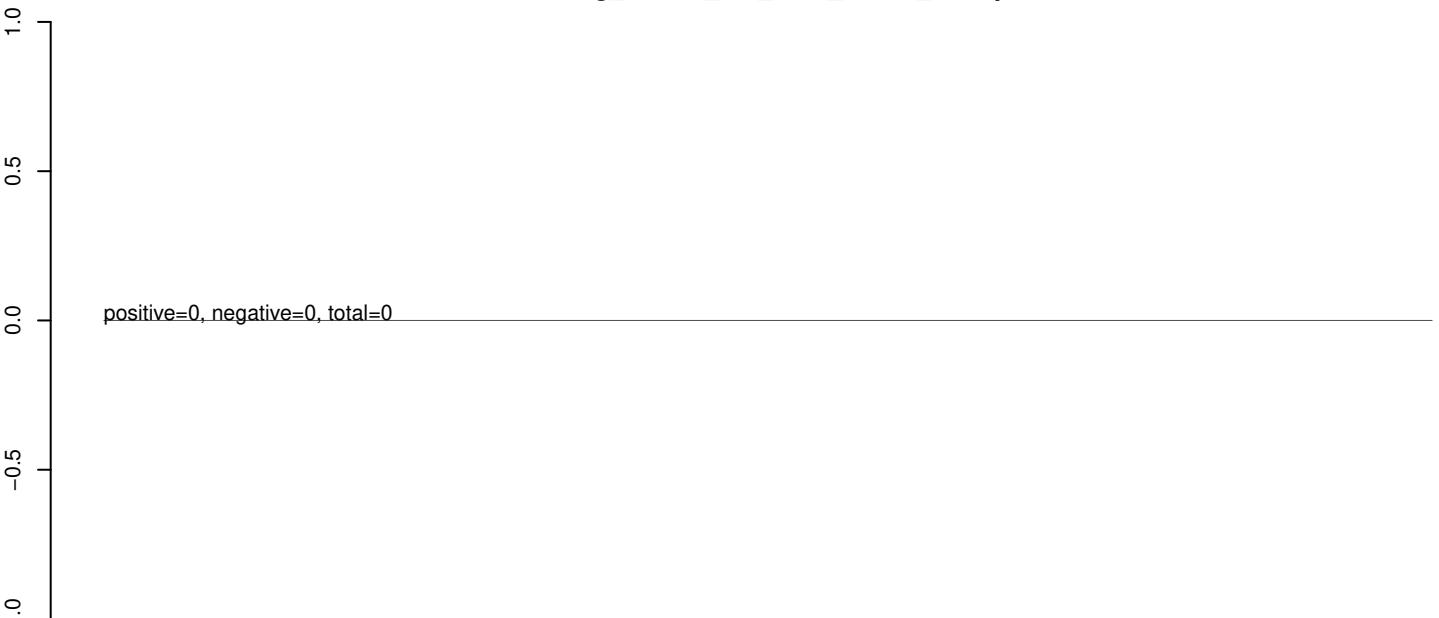
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



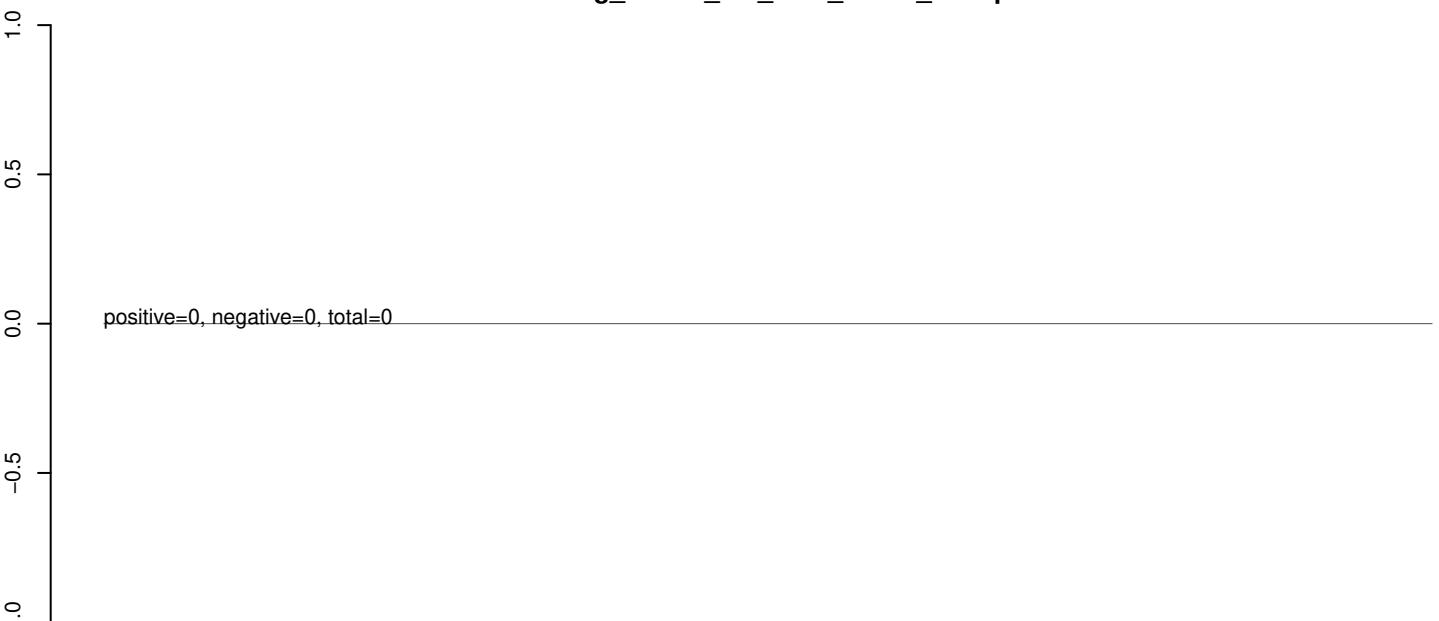
**AeAeg\_Whole\_sm\_r123\_JM.rep**



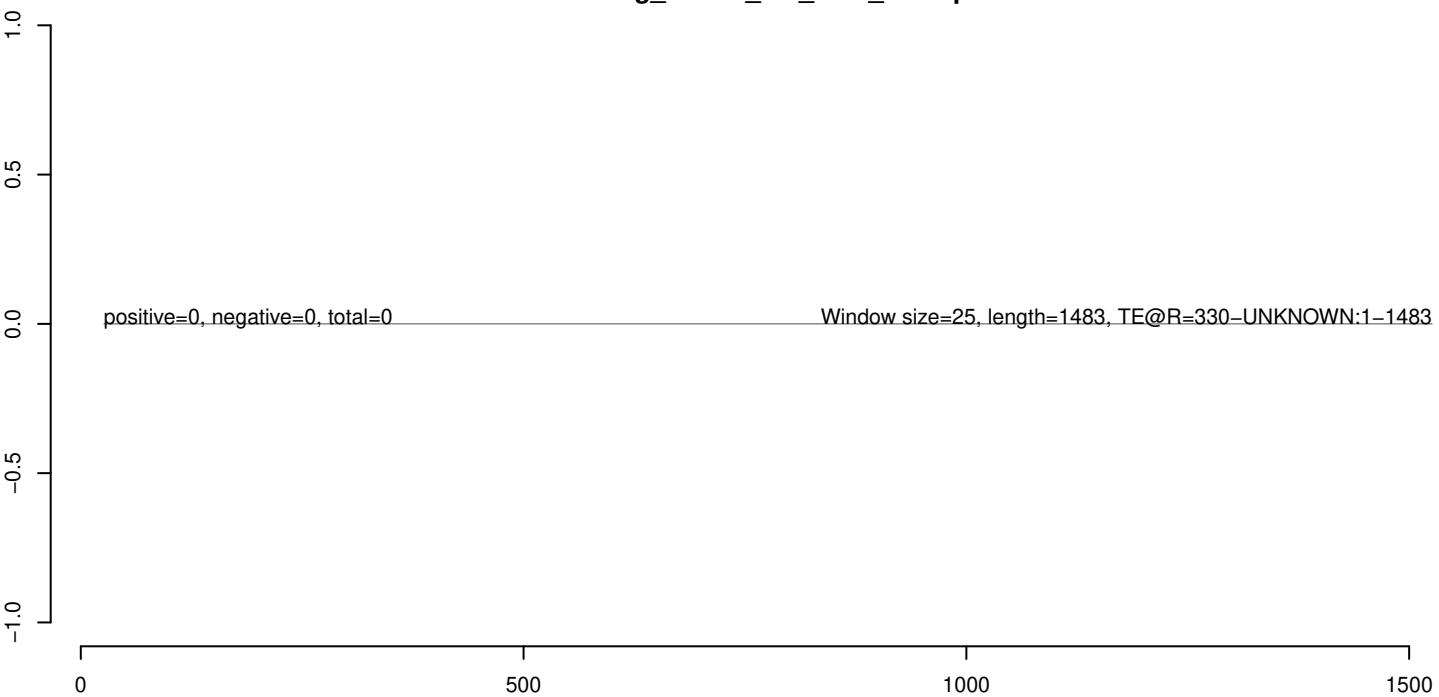
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

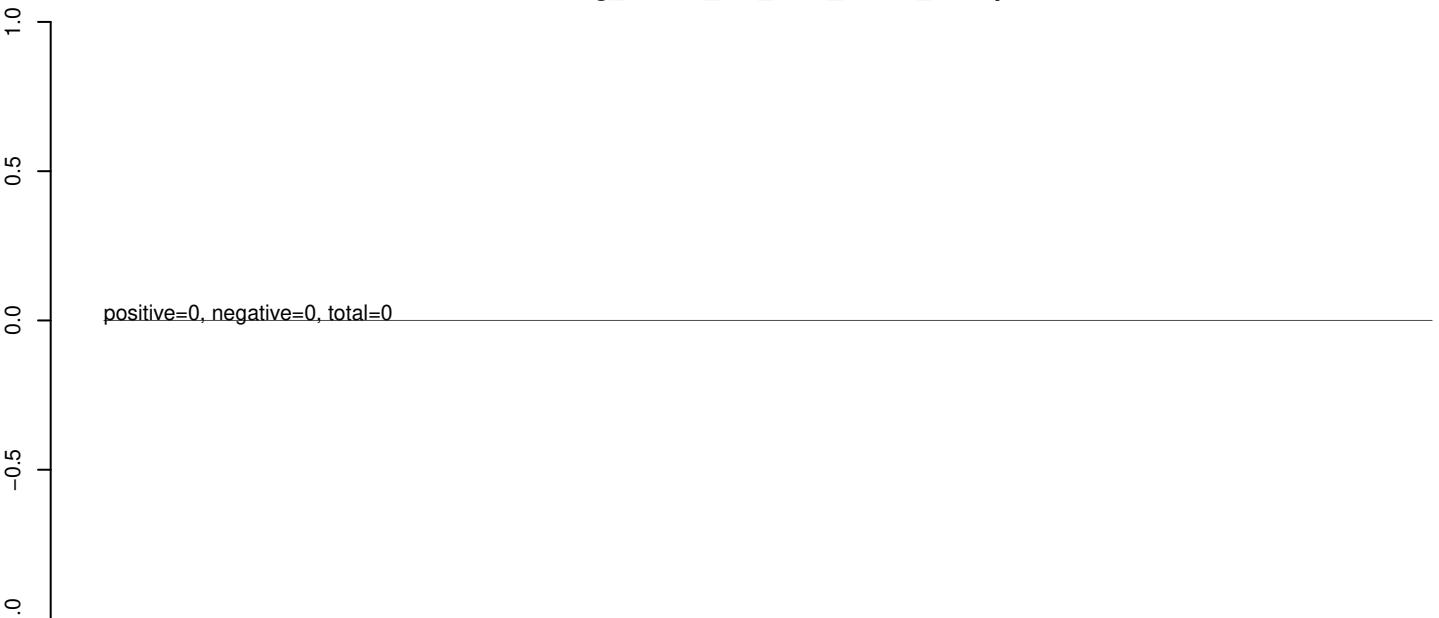
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

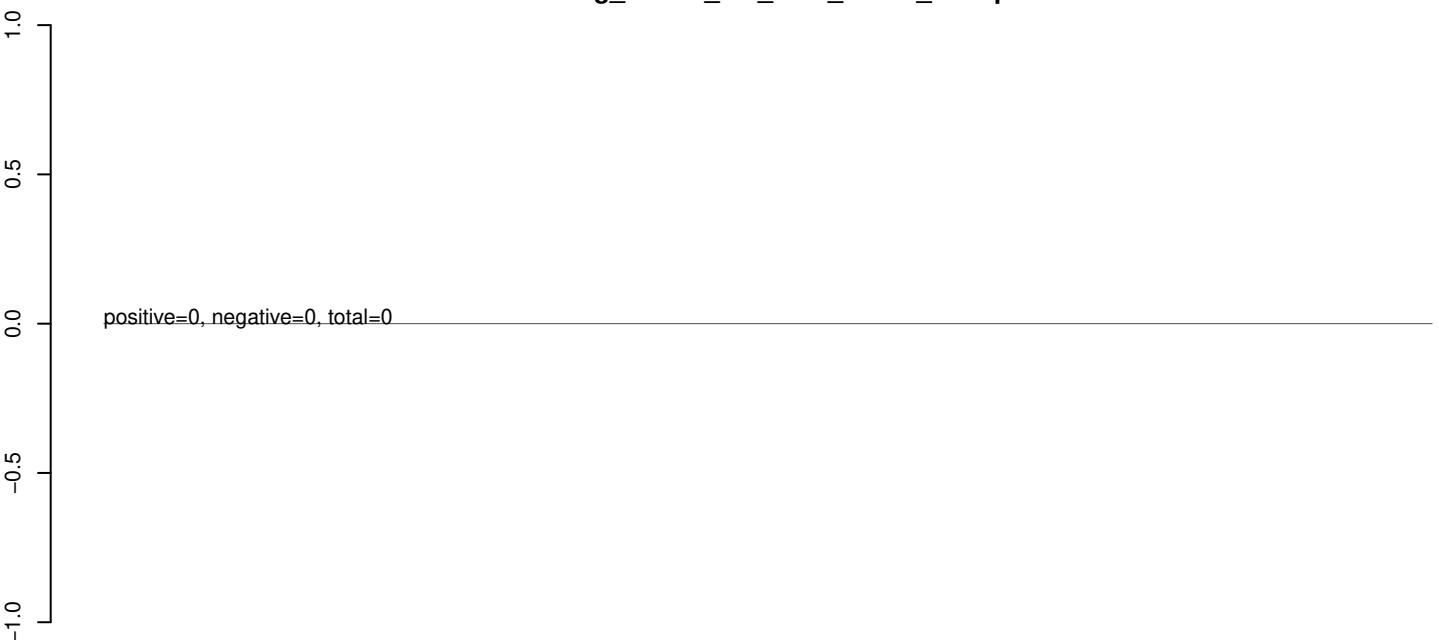
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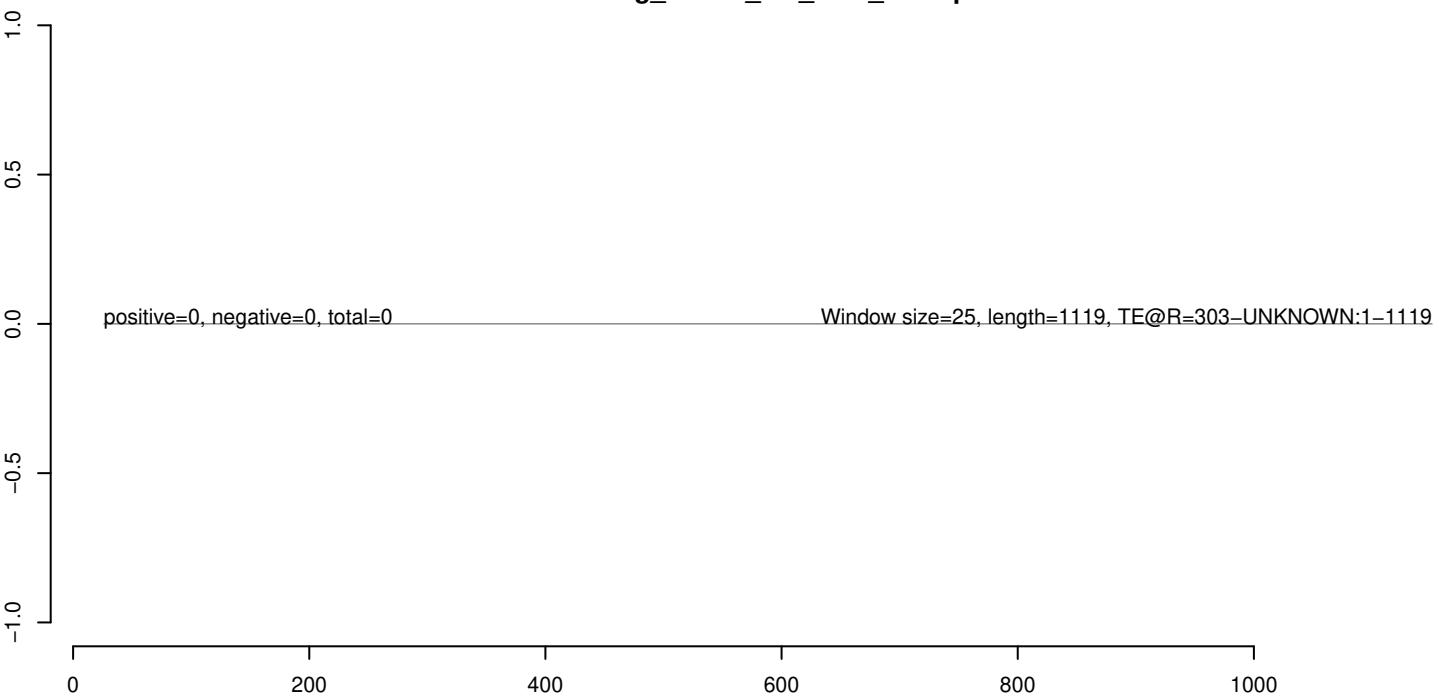
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



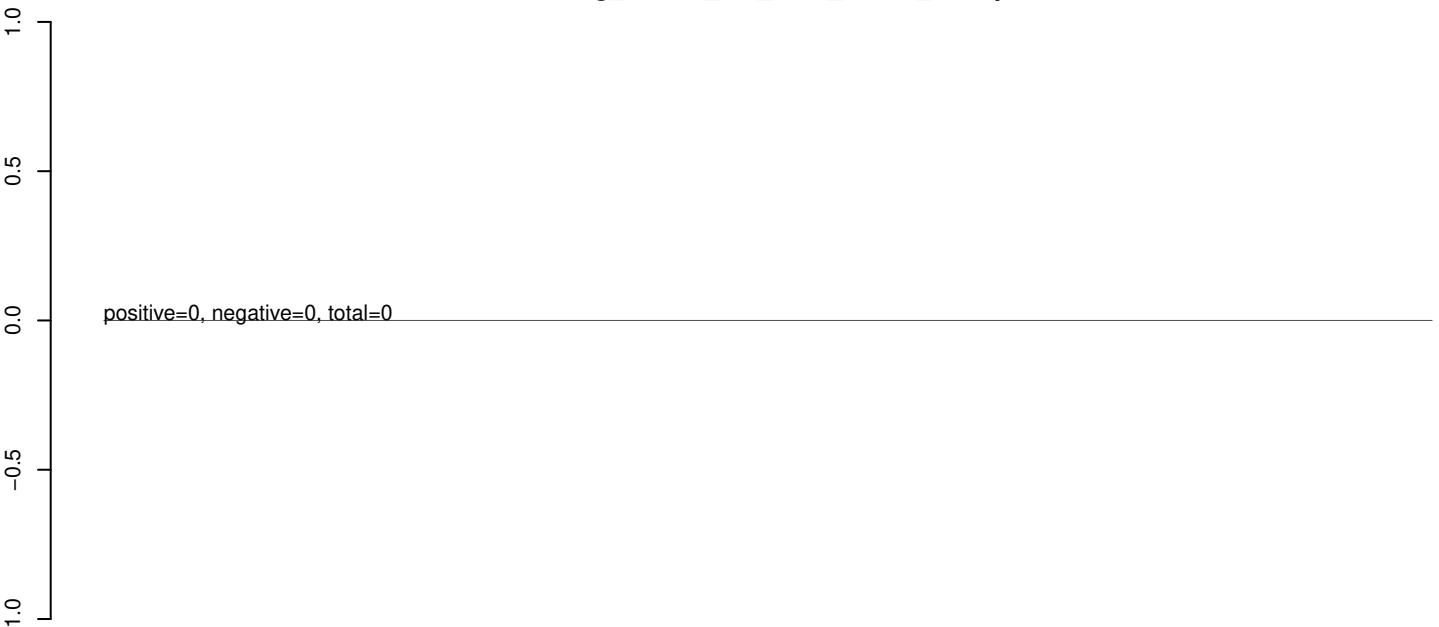
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



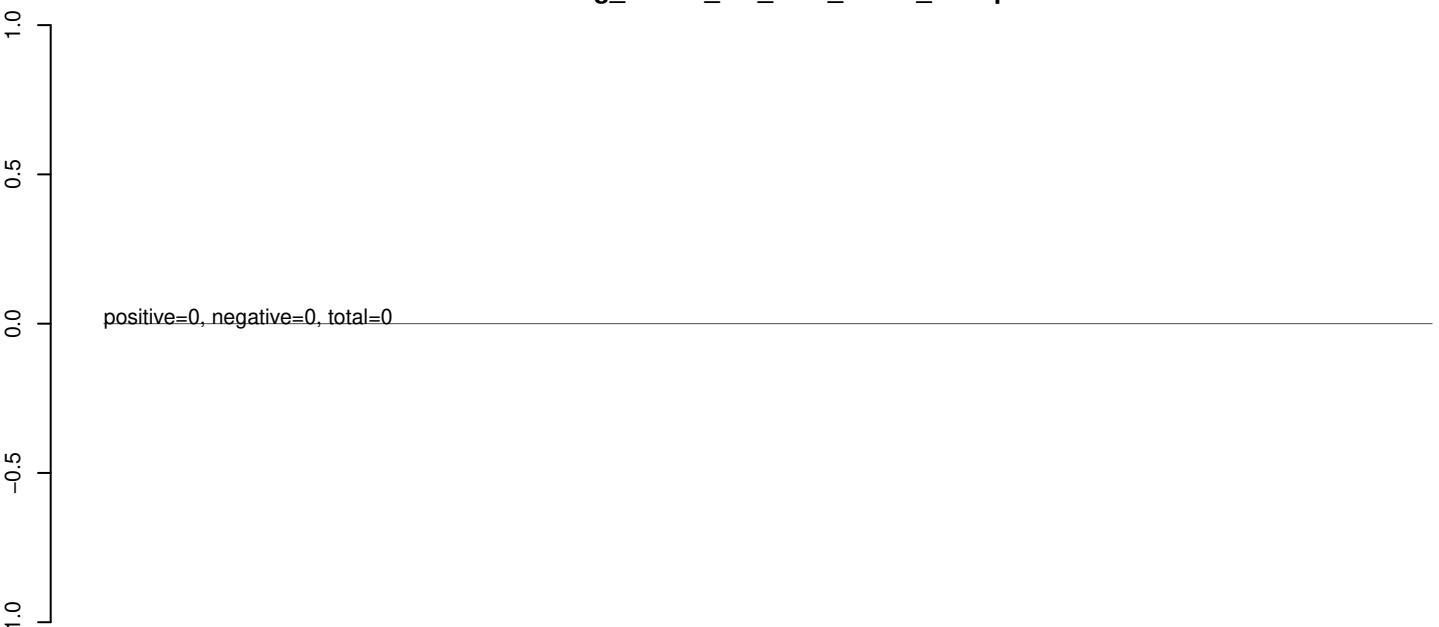
**AeAeg\_Whole\_sm\_r123\_JM.rep**



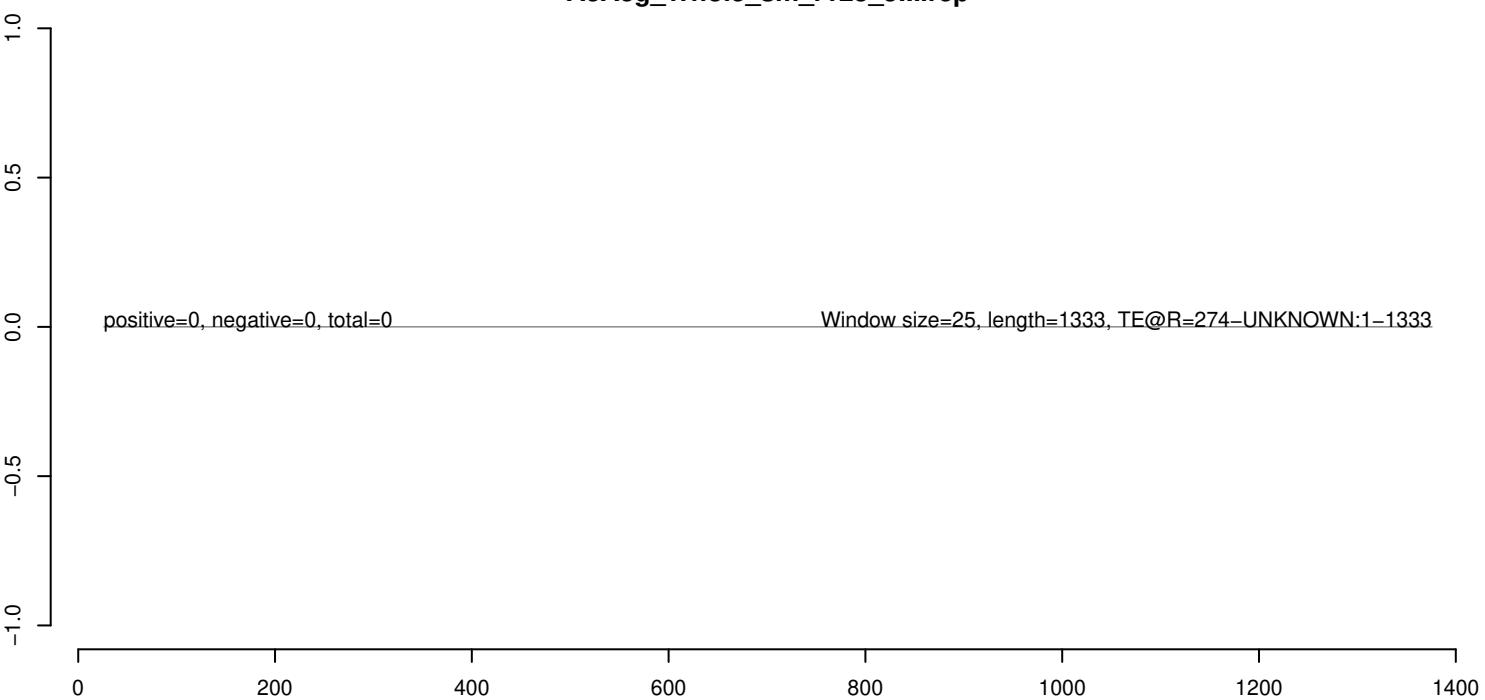
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



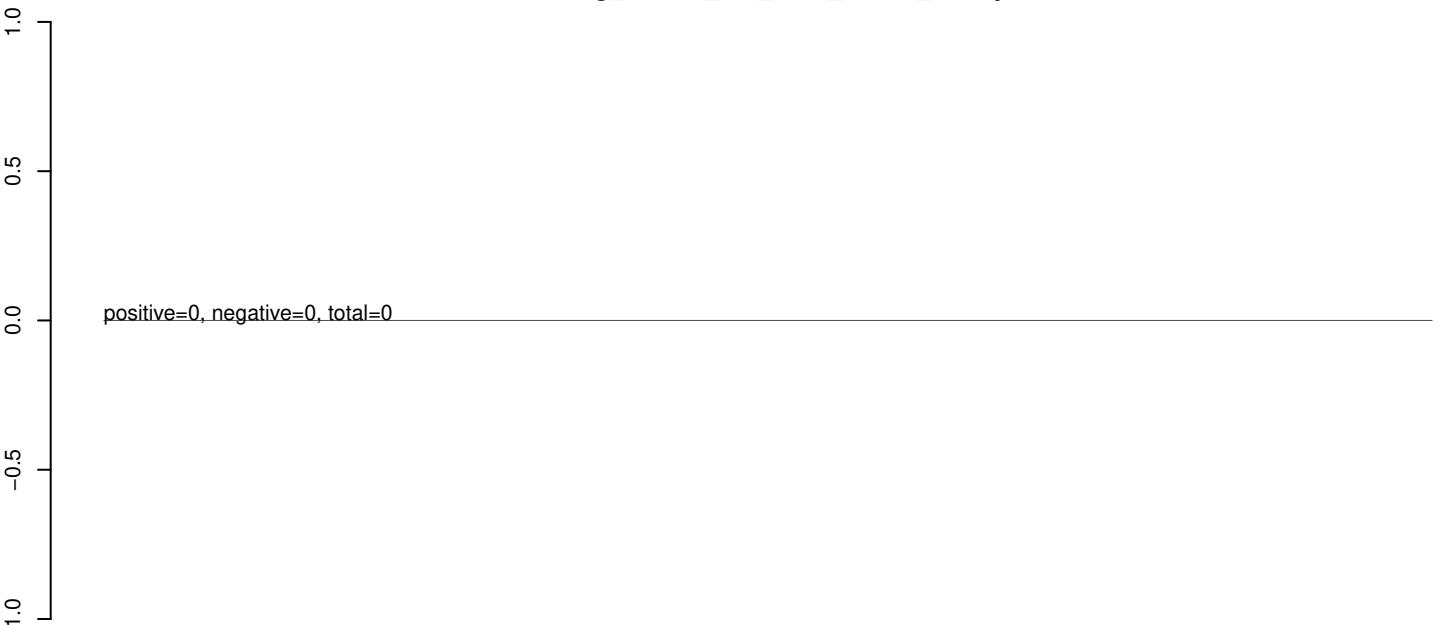
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



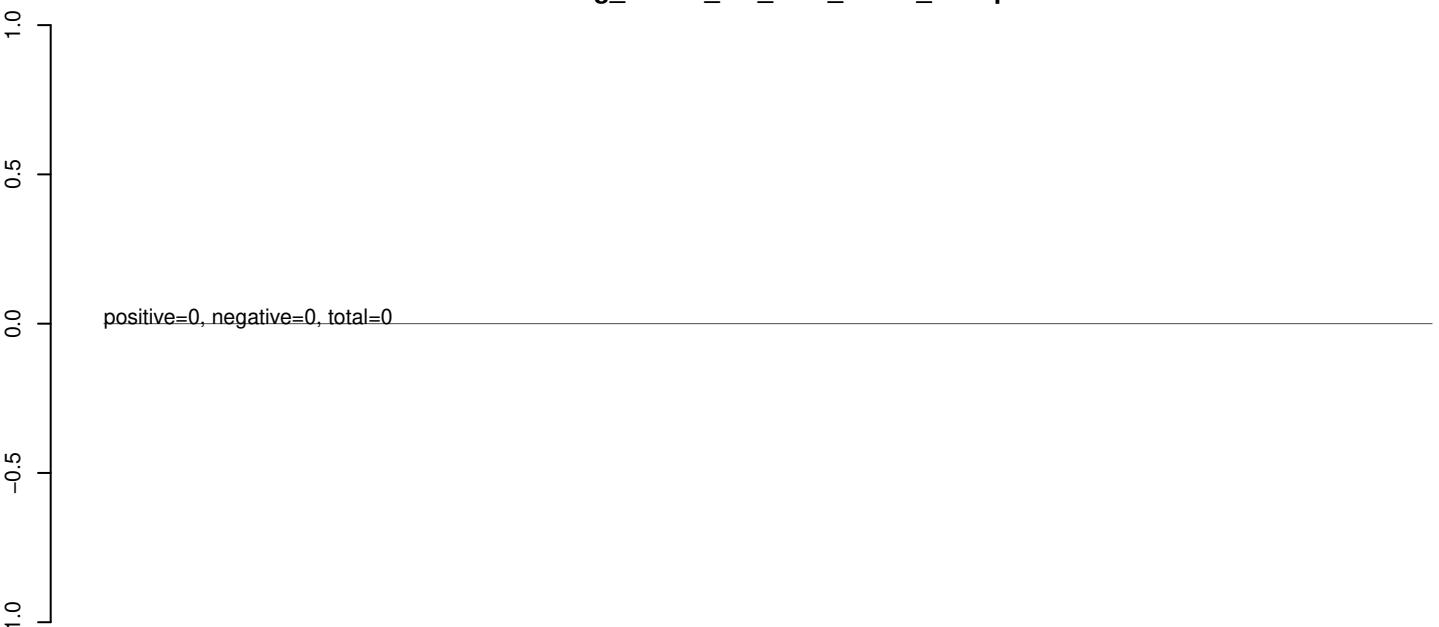
**AeAeg\_Whole\_sm\_r123\_JM.rep**



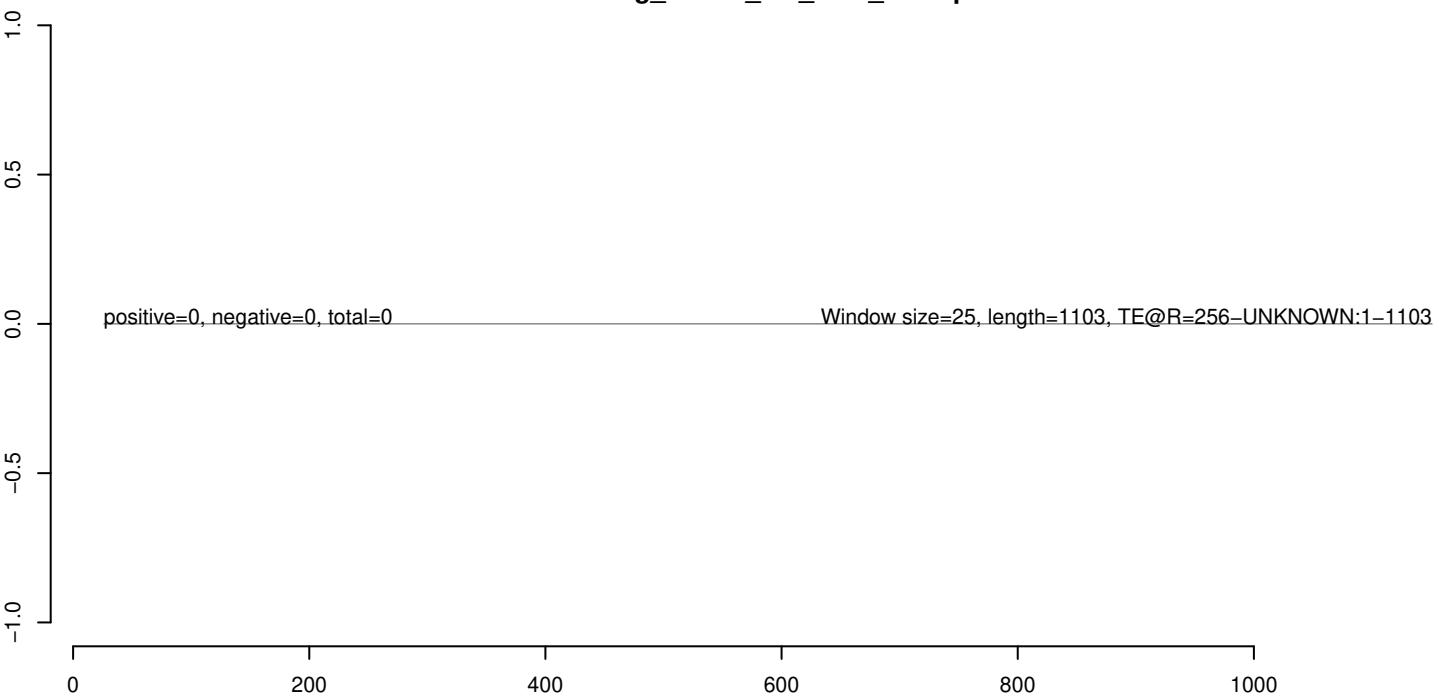
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

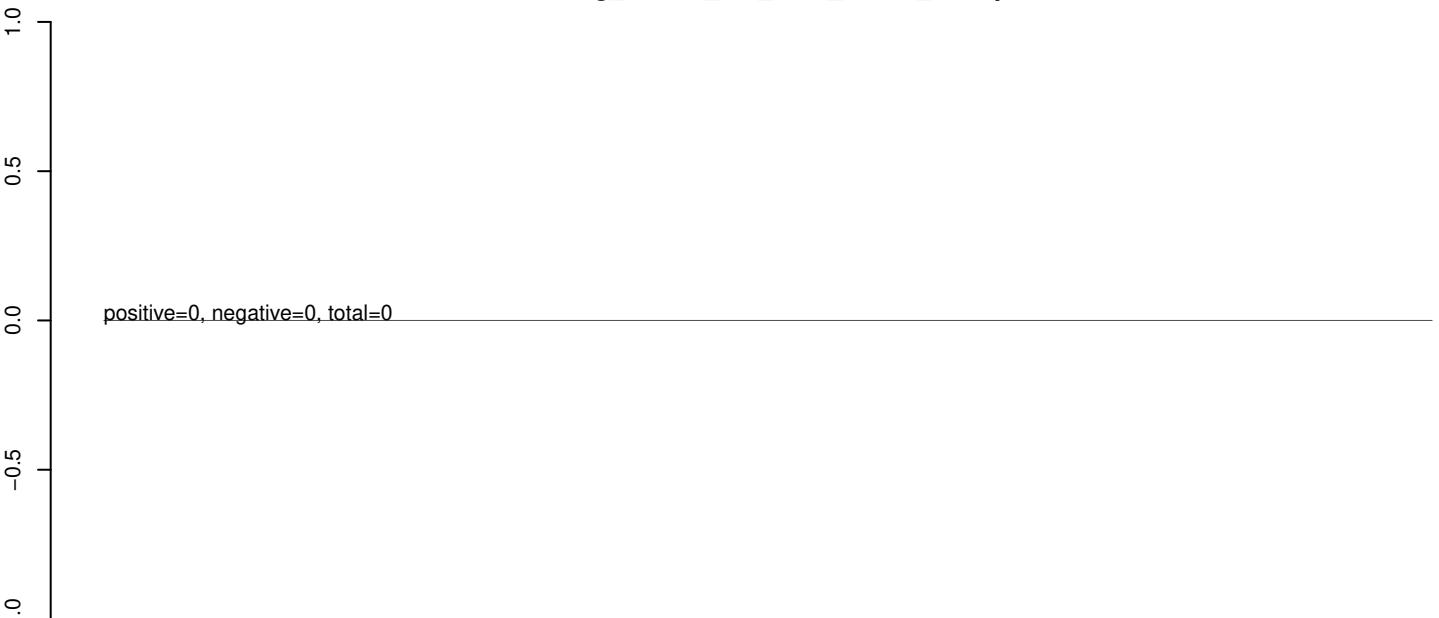
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

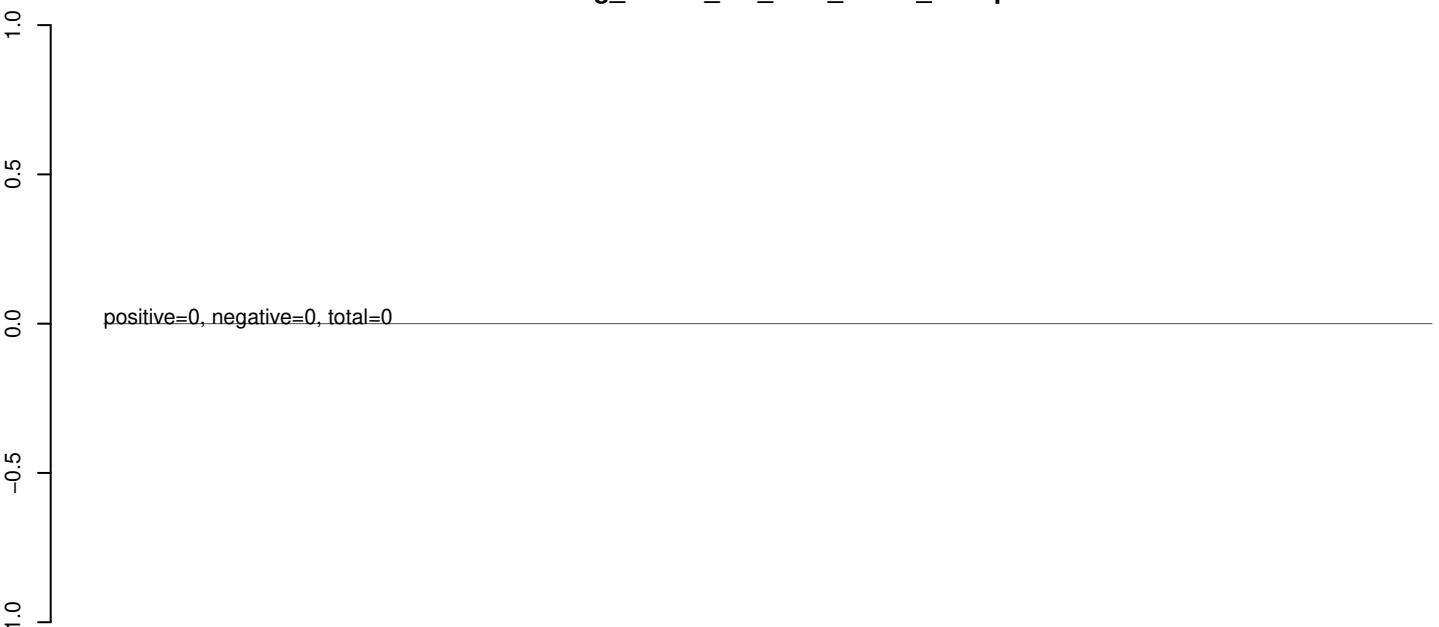
positive=0, negative=0, total=0

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

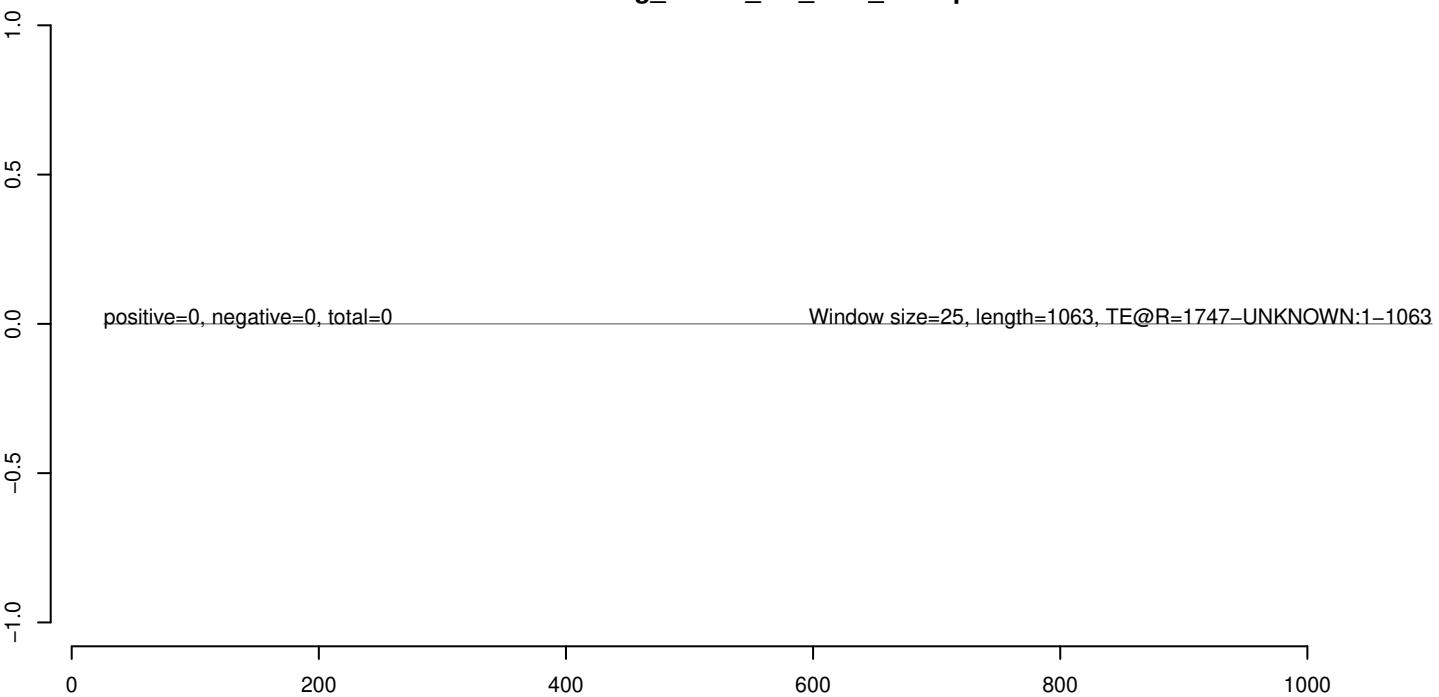
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



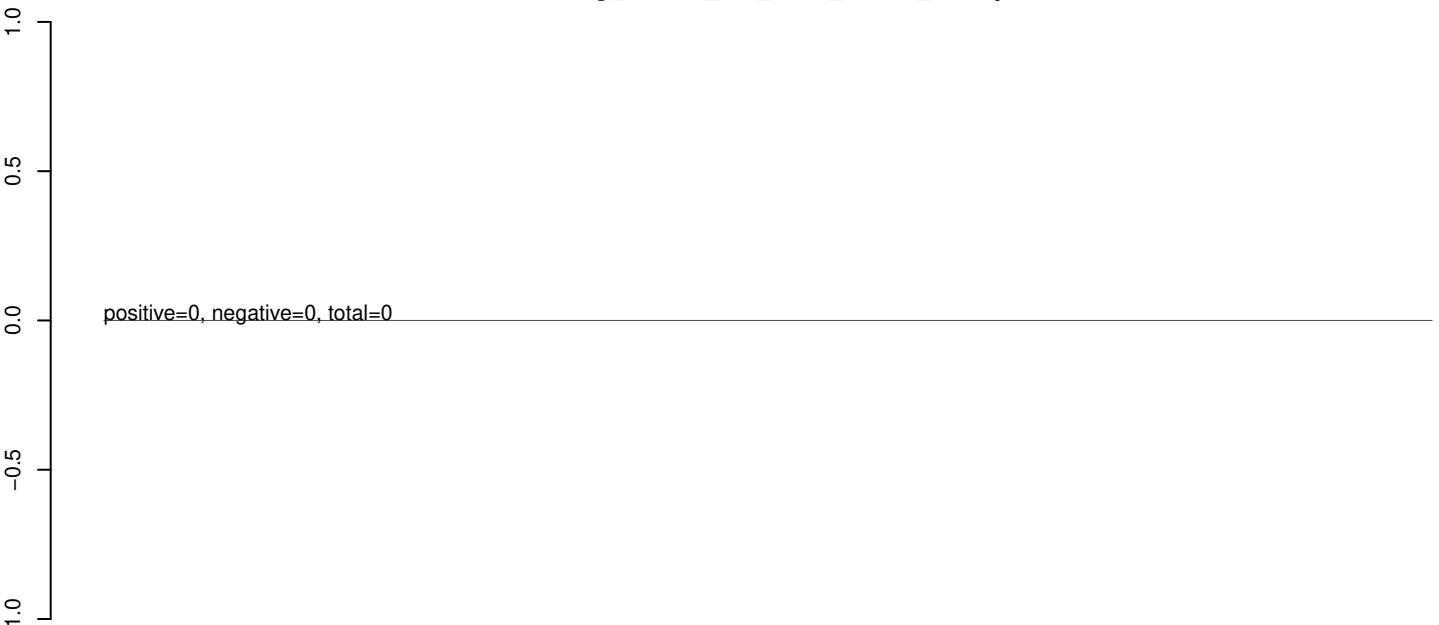
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



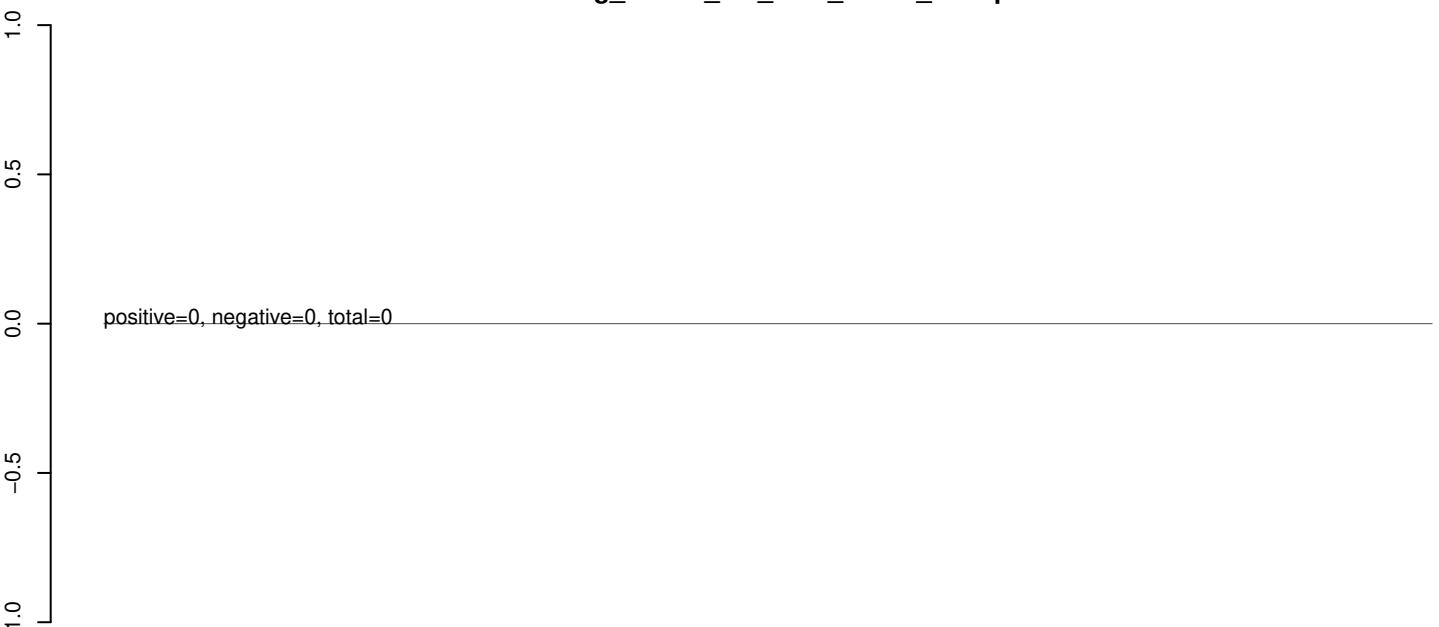
**AeAeg\_Whole\_sm\_r123\_JM.rep**



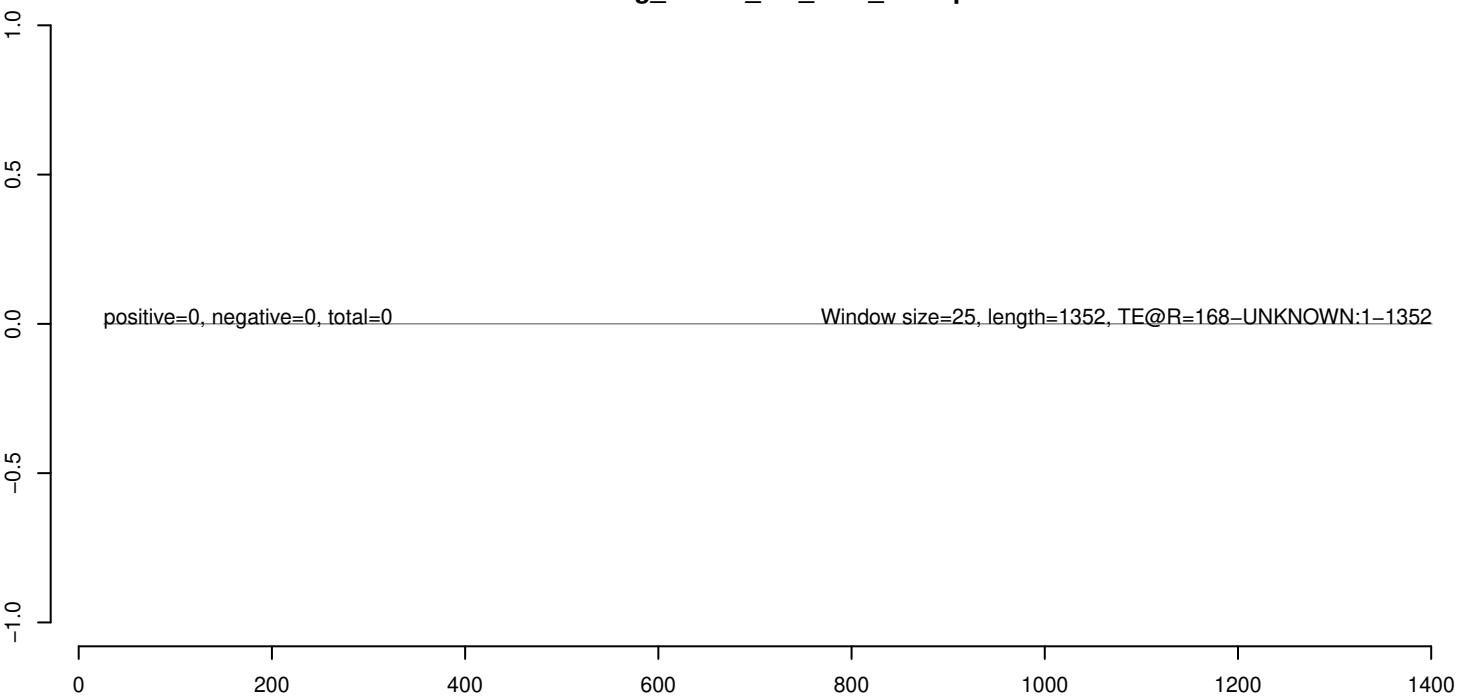
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1497, TE@R=151-UNKNOWN:1-1497

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

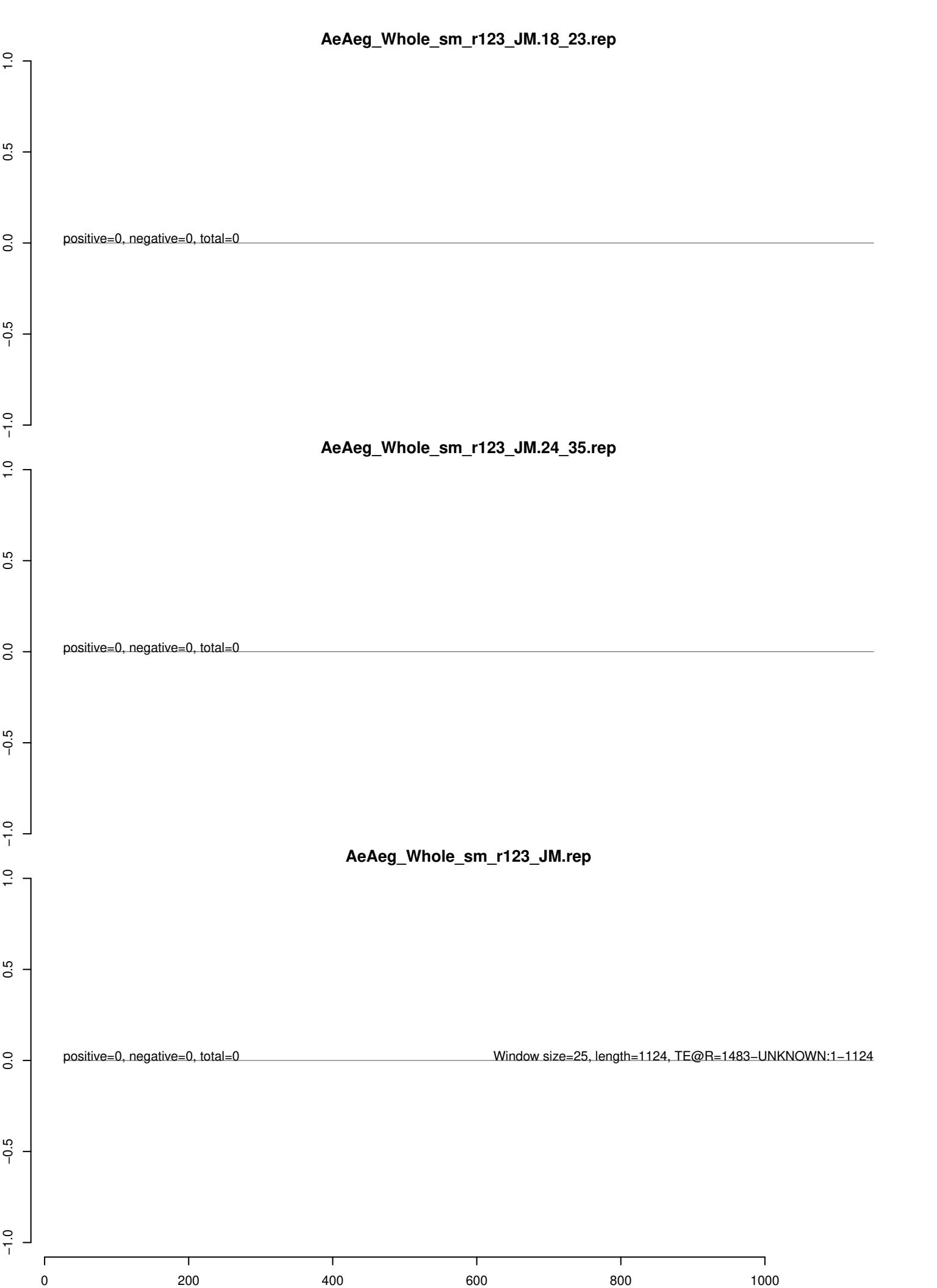
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1124, TE@R=1483-UNKNOWN:1-1124



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1433, TE@R=1380-UNKNOWN:1-1433

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

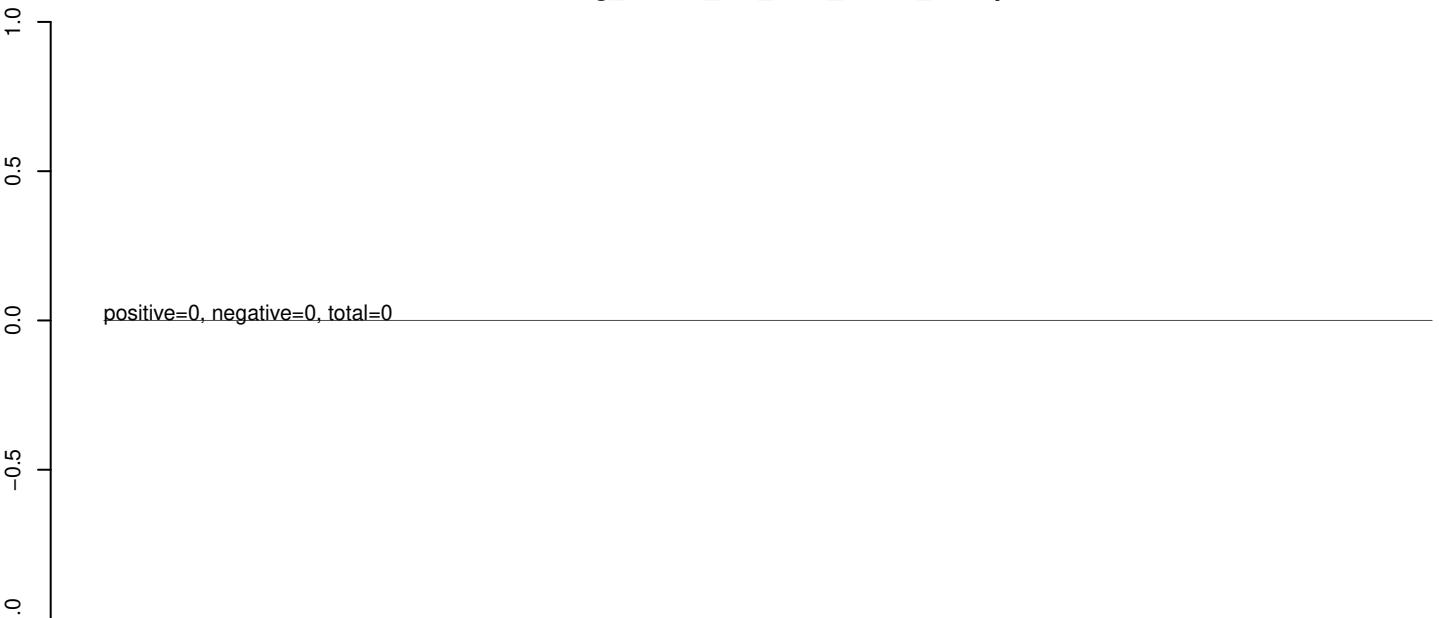
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

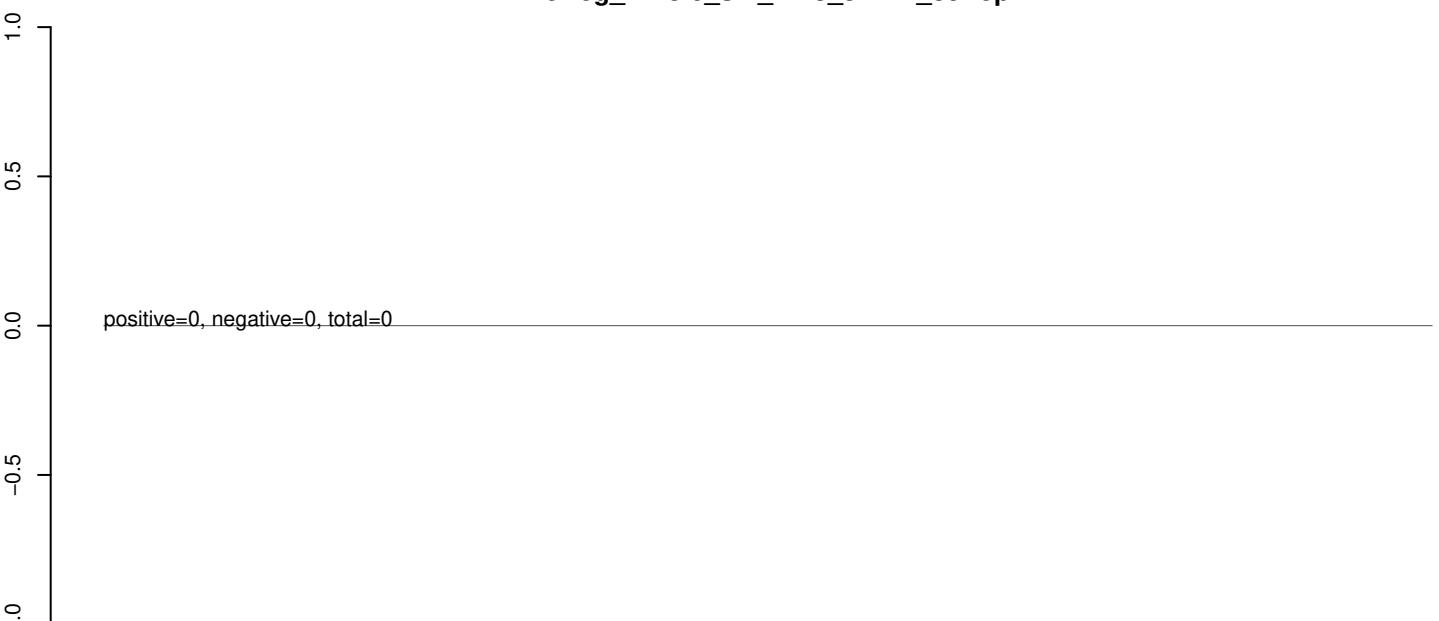
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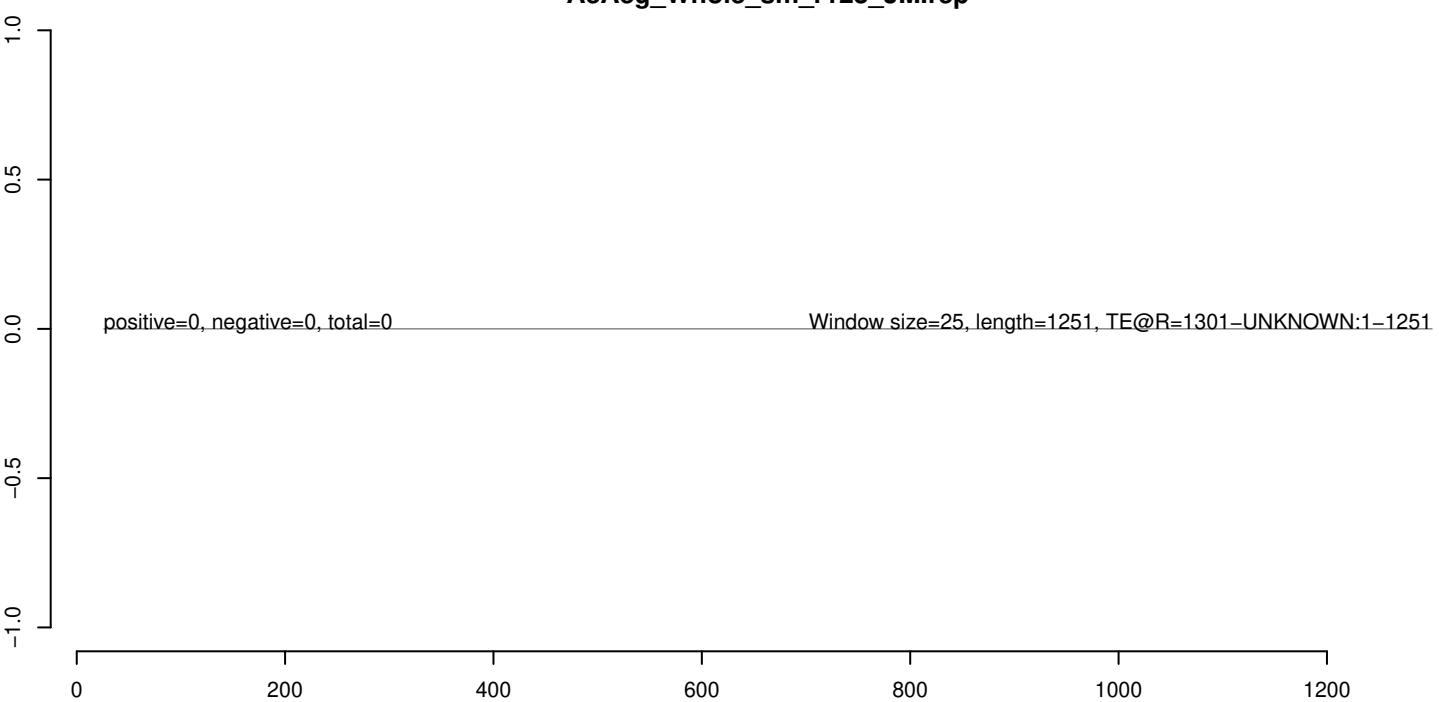
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

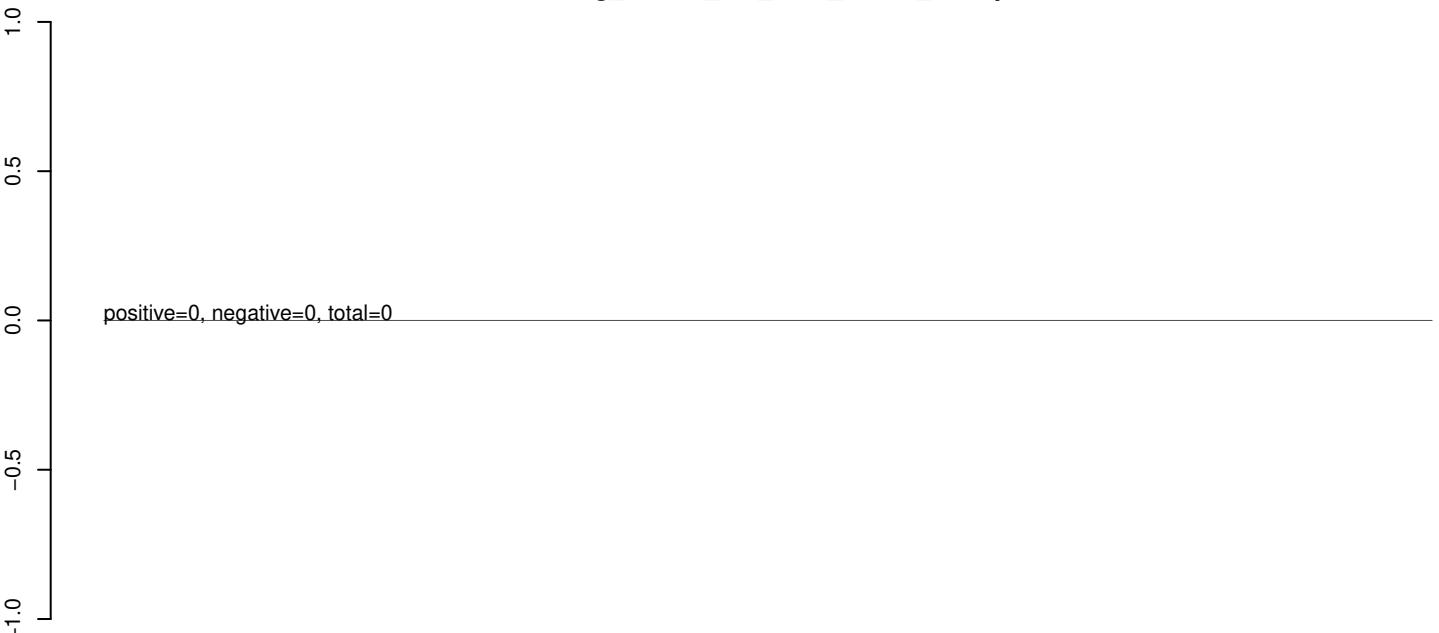
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

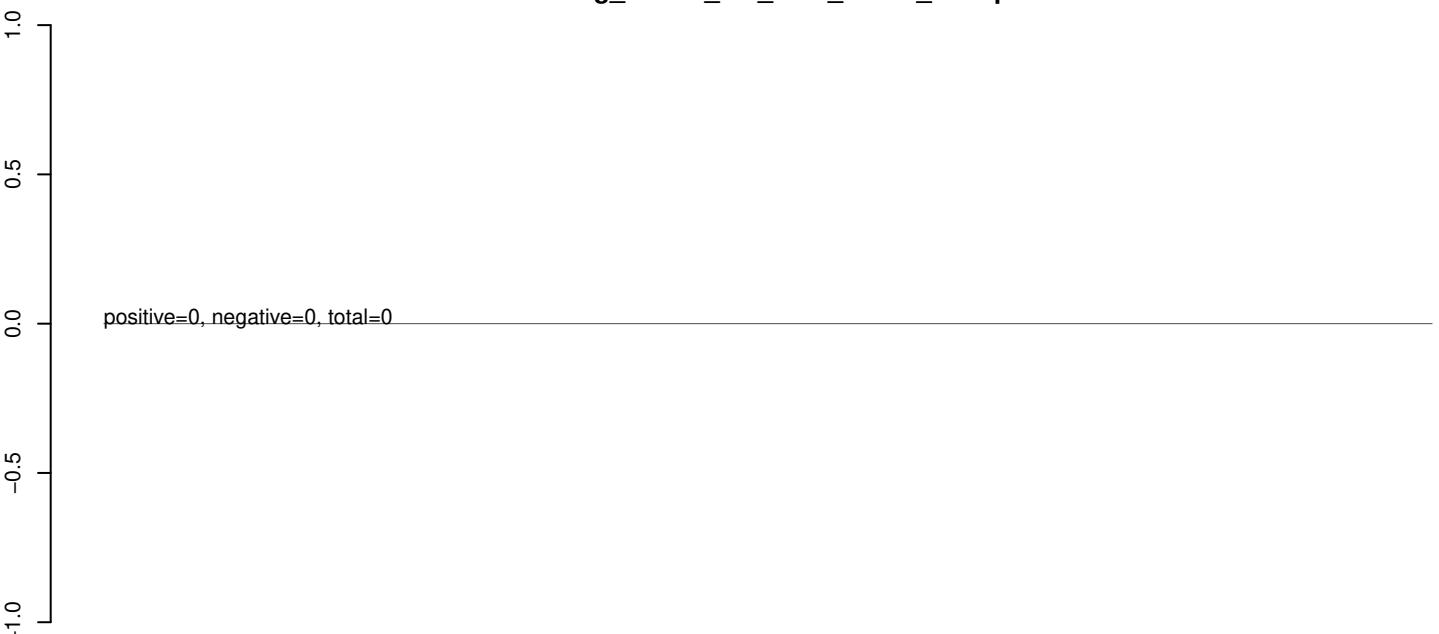
positive=0, negative=0, total=0

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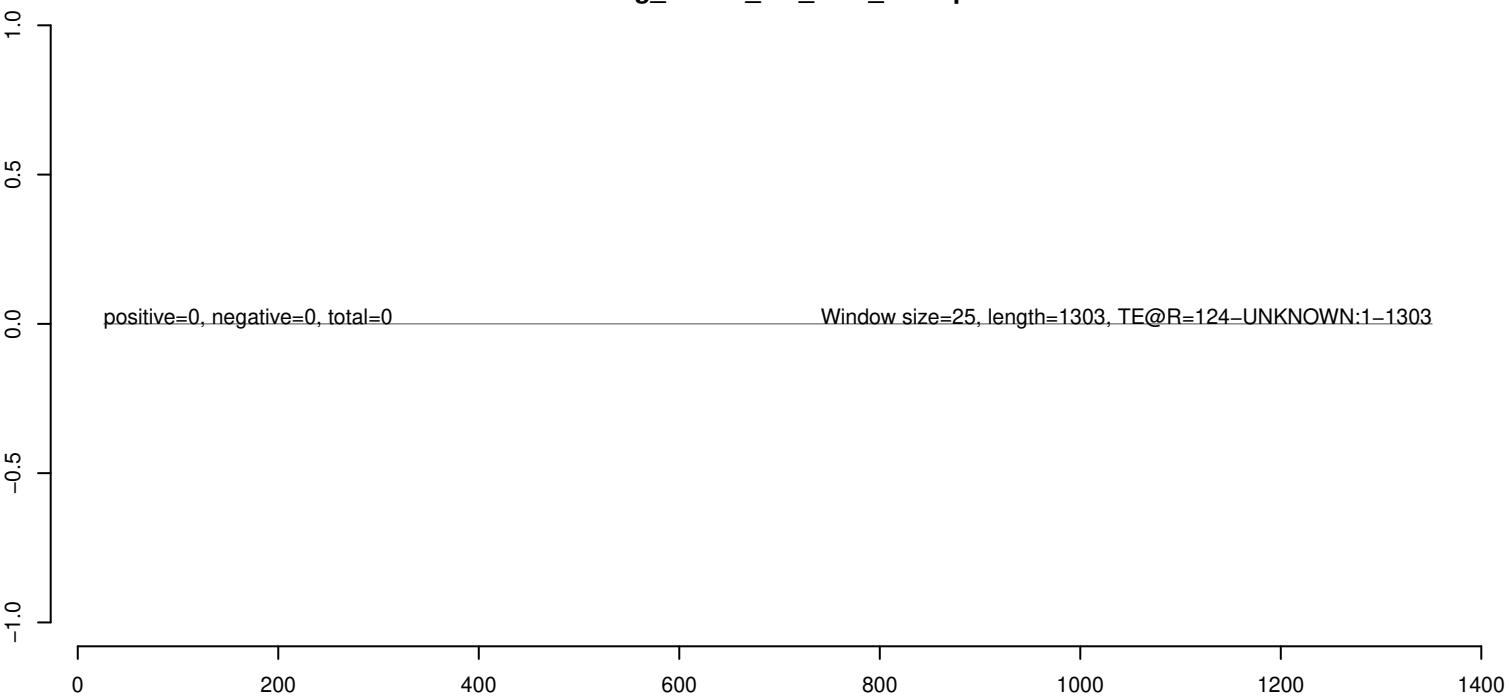
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



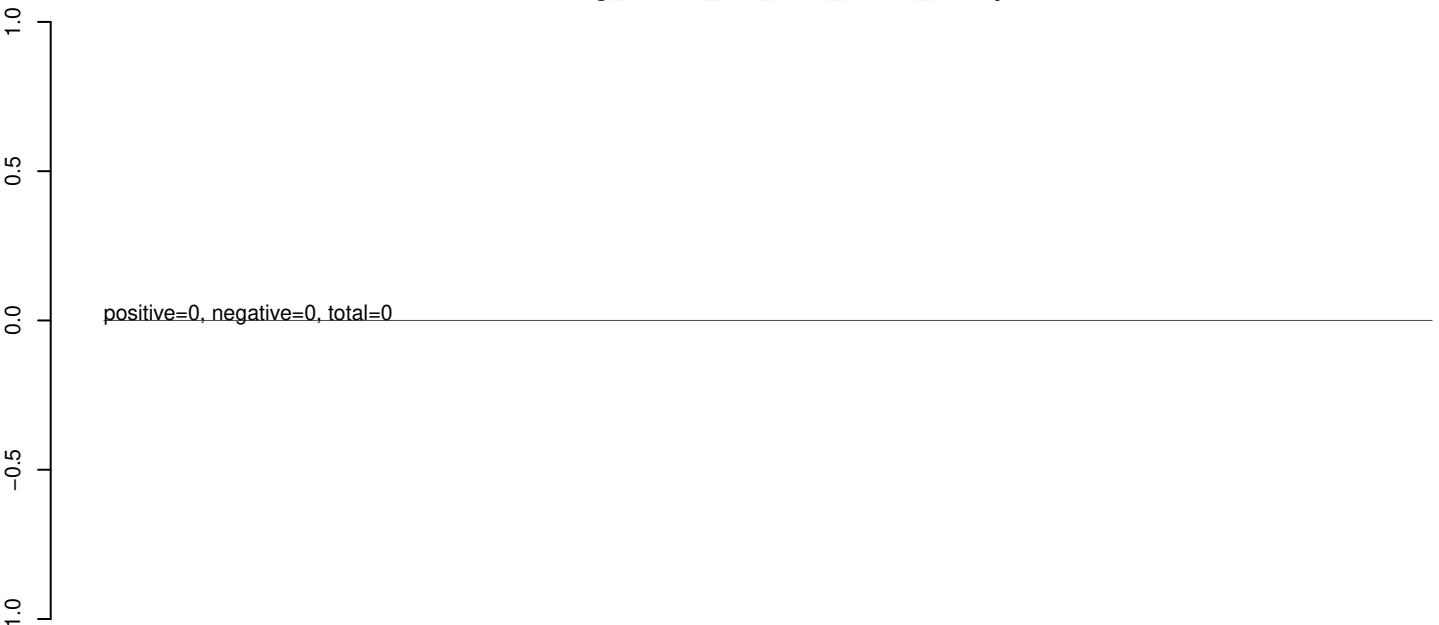
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



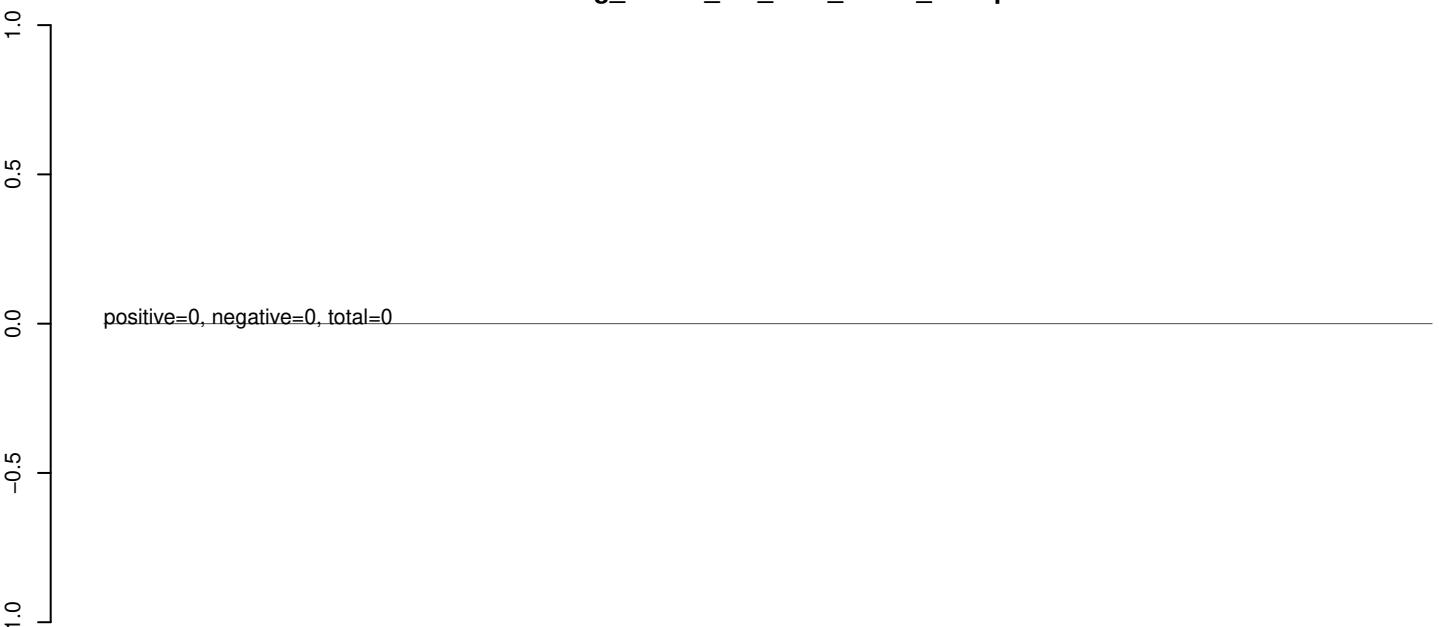
**AeAeg\_Whole\_sm\_r123\_JM.rep**



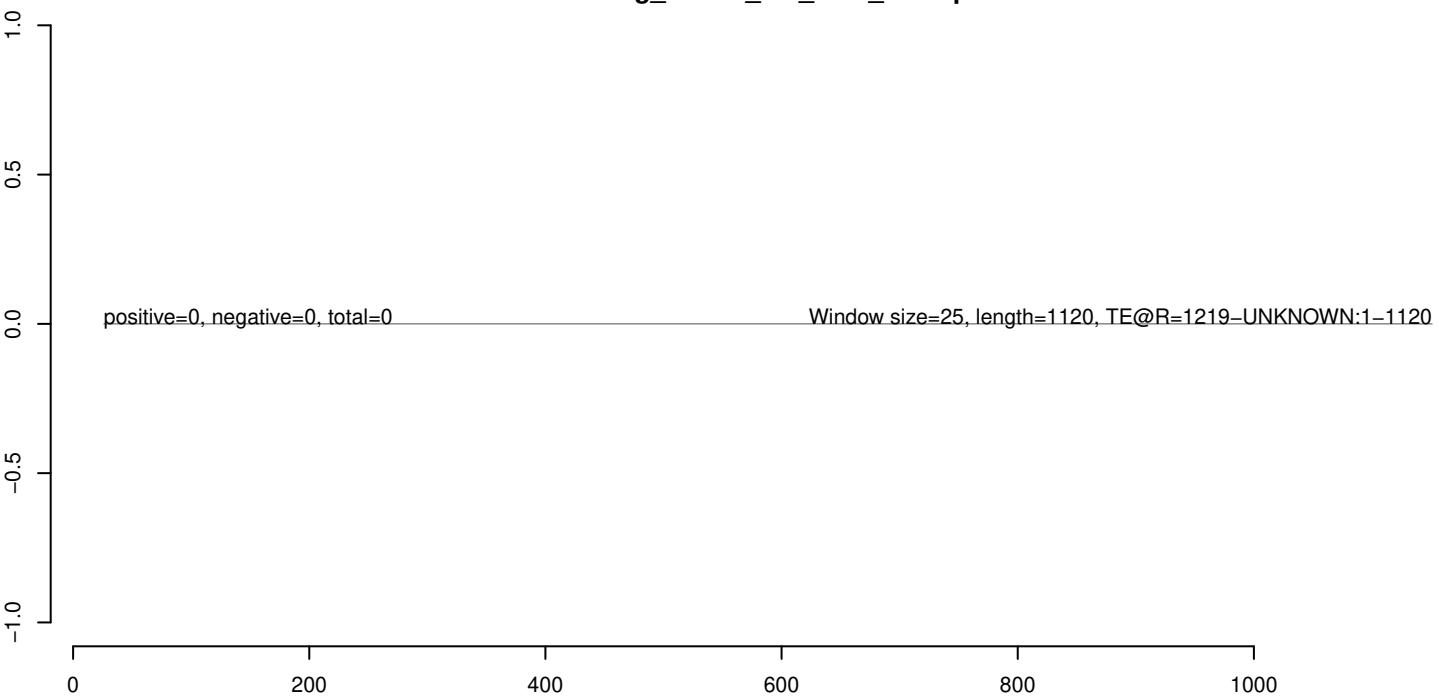
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



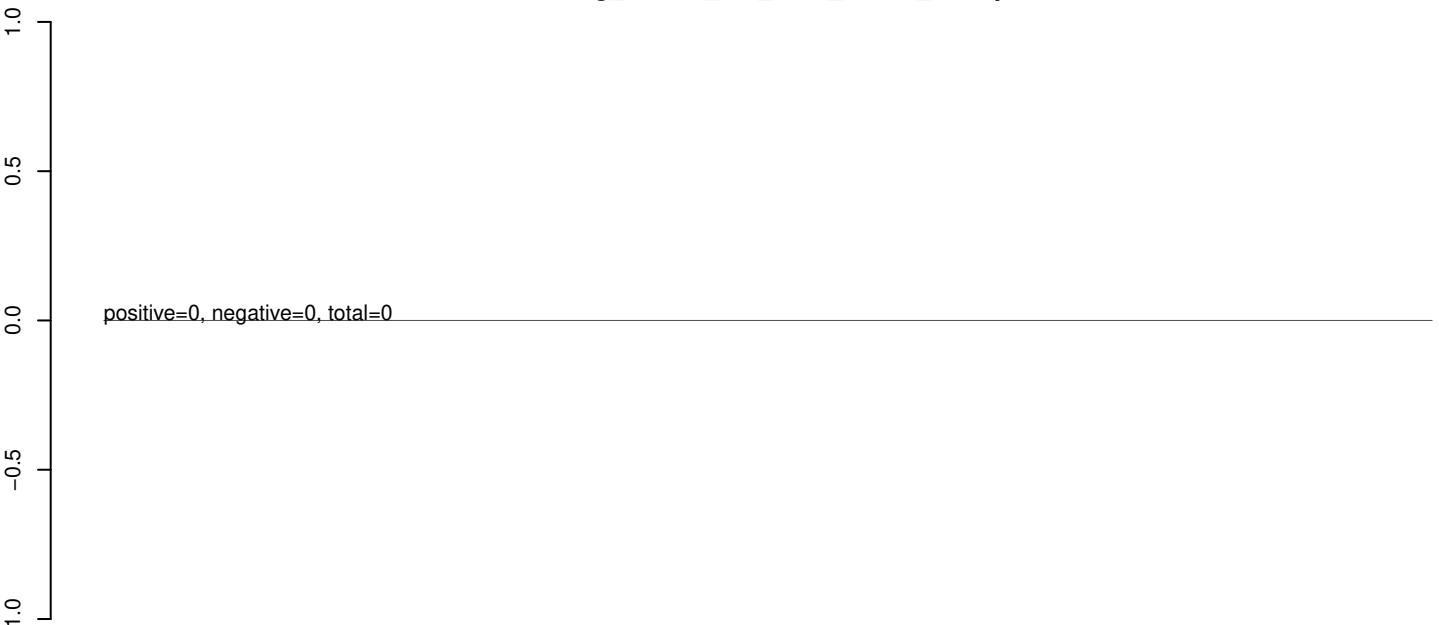
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



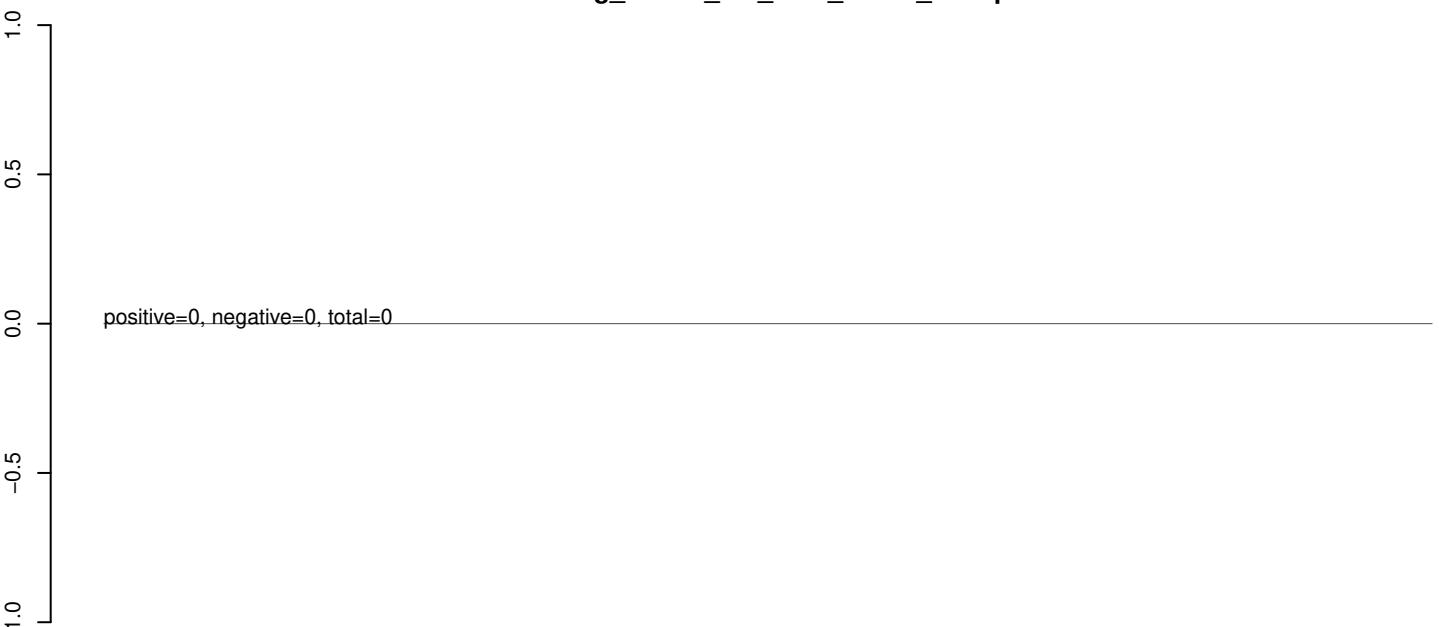
**AeAeg\_Whole\_sm\_r123\_JM.rep**



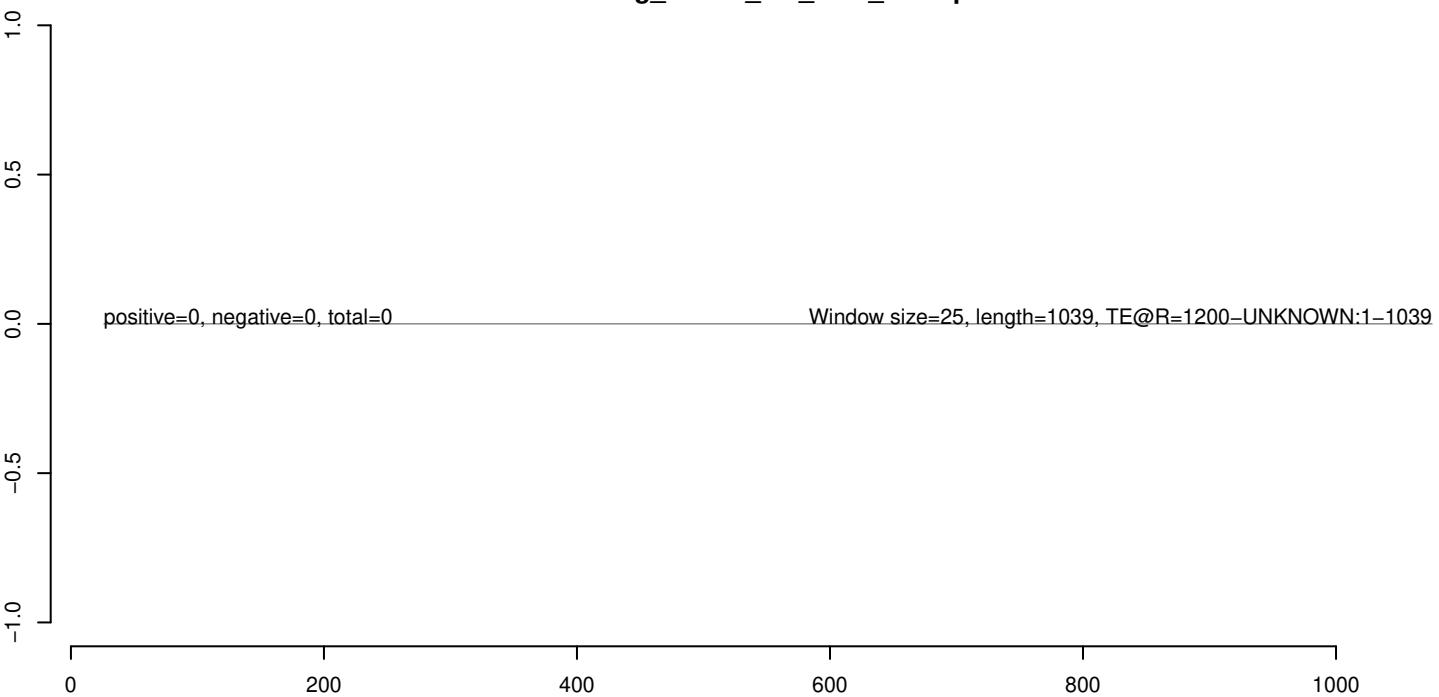
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



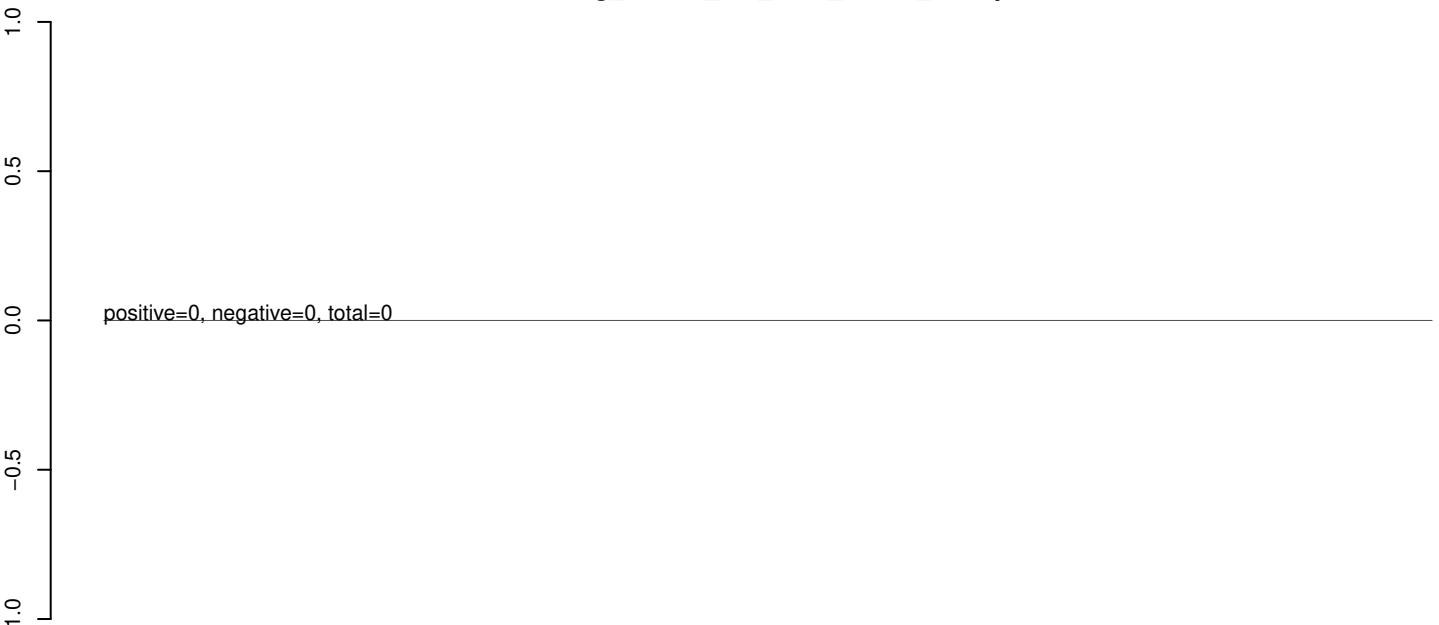
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



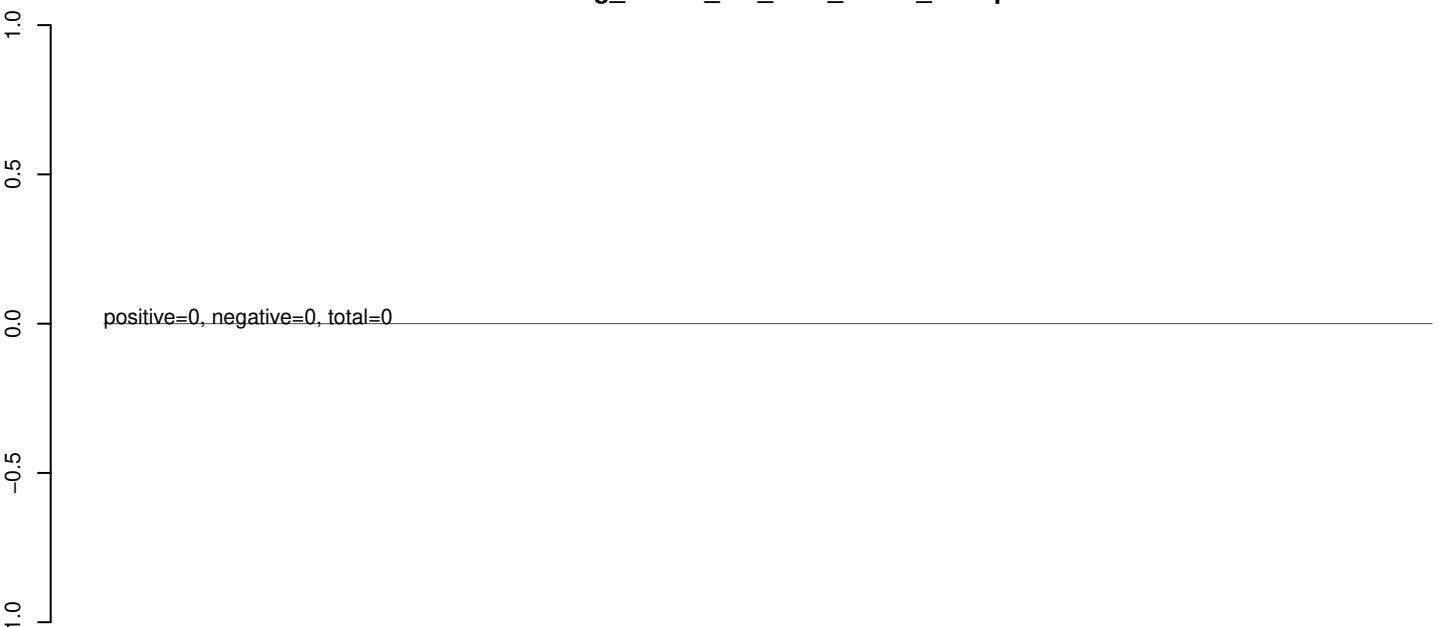
**AeAeg\_Whole\_sm\_r123\_JM.rep**



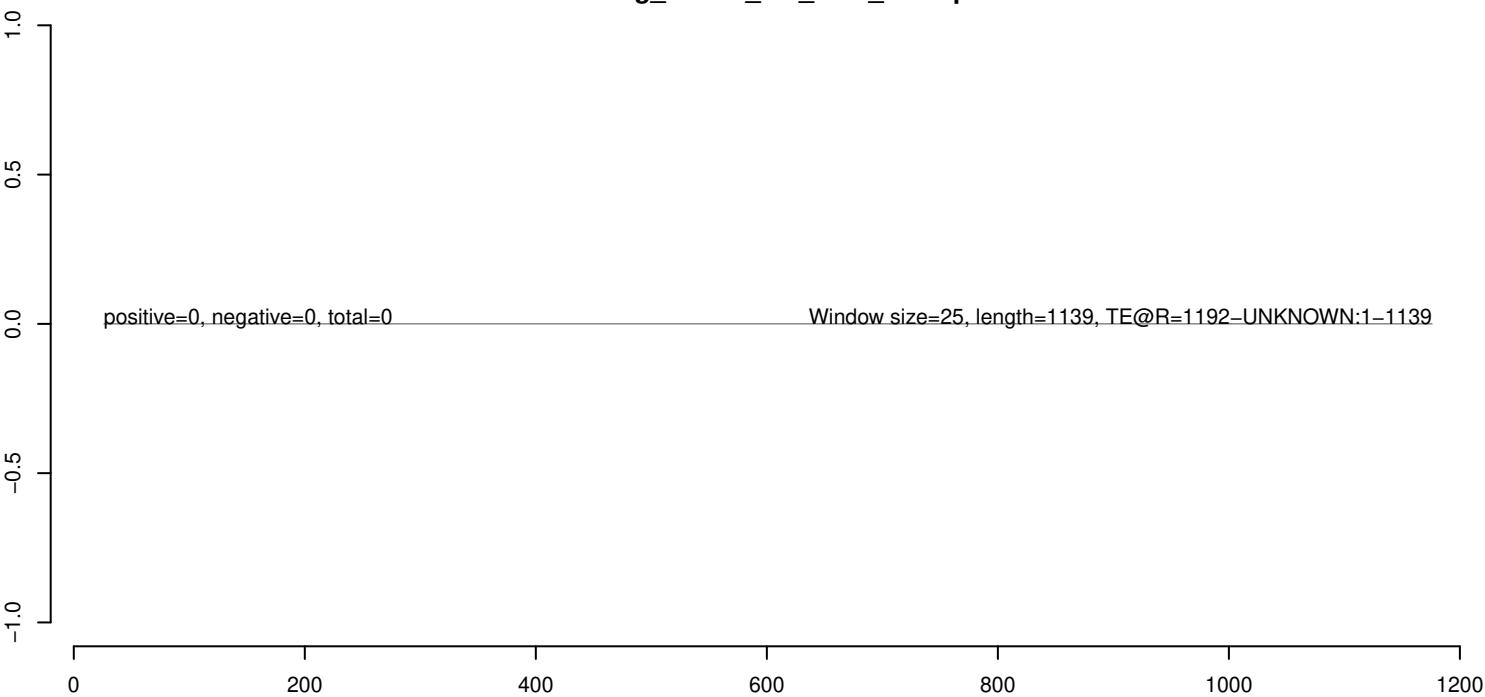
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

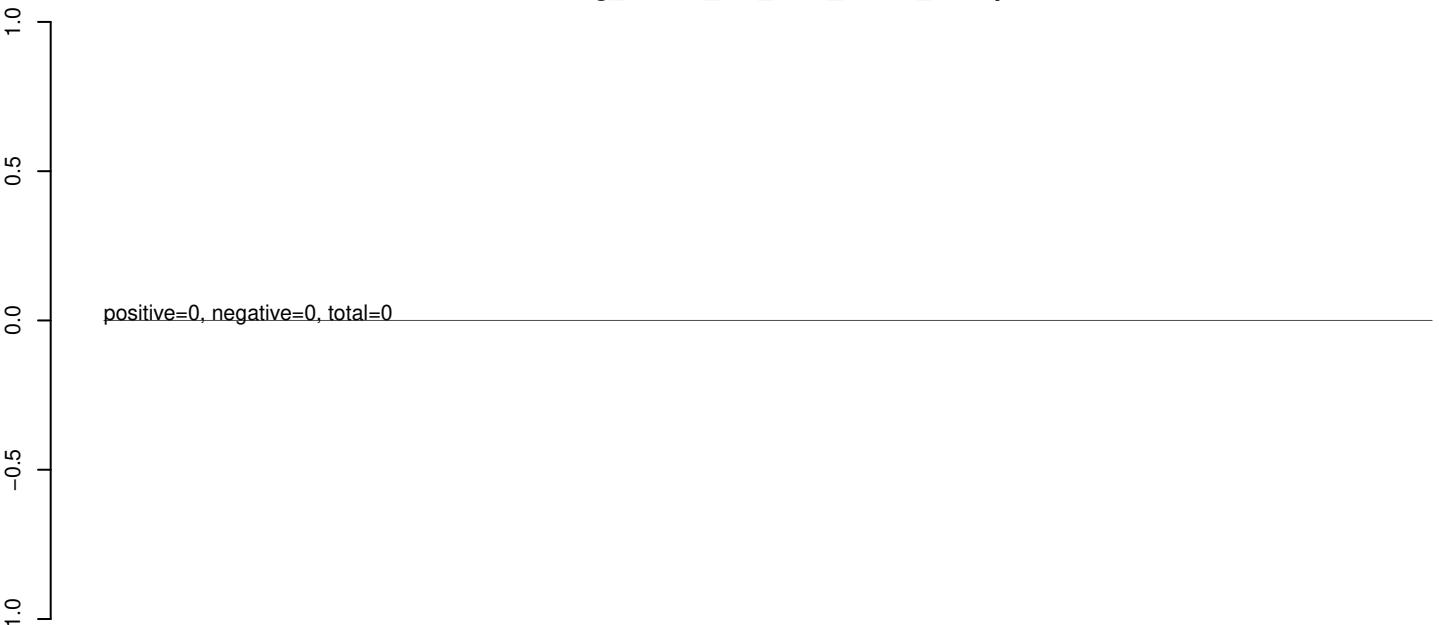
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

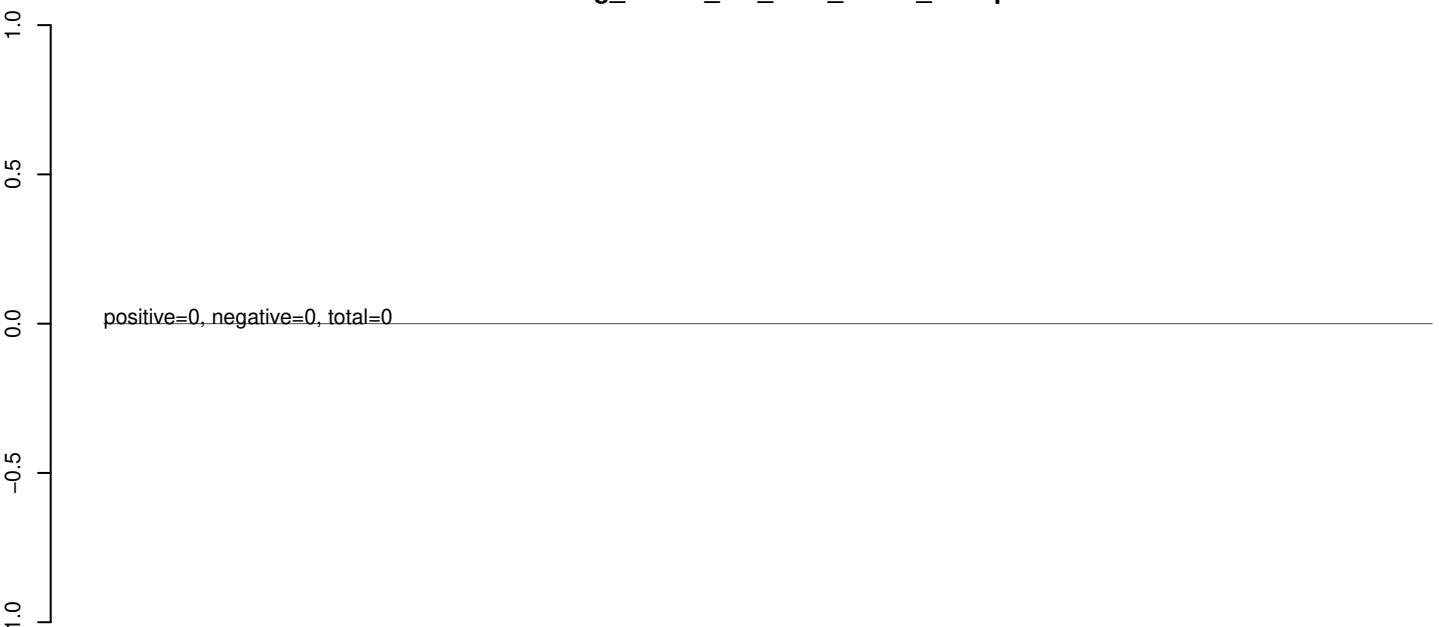
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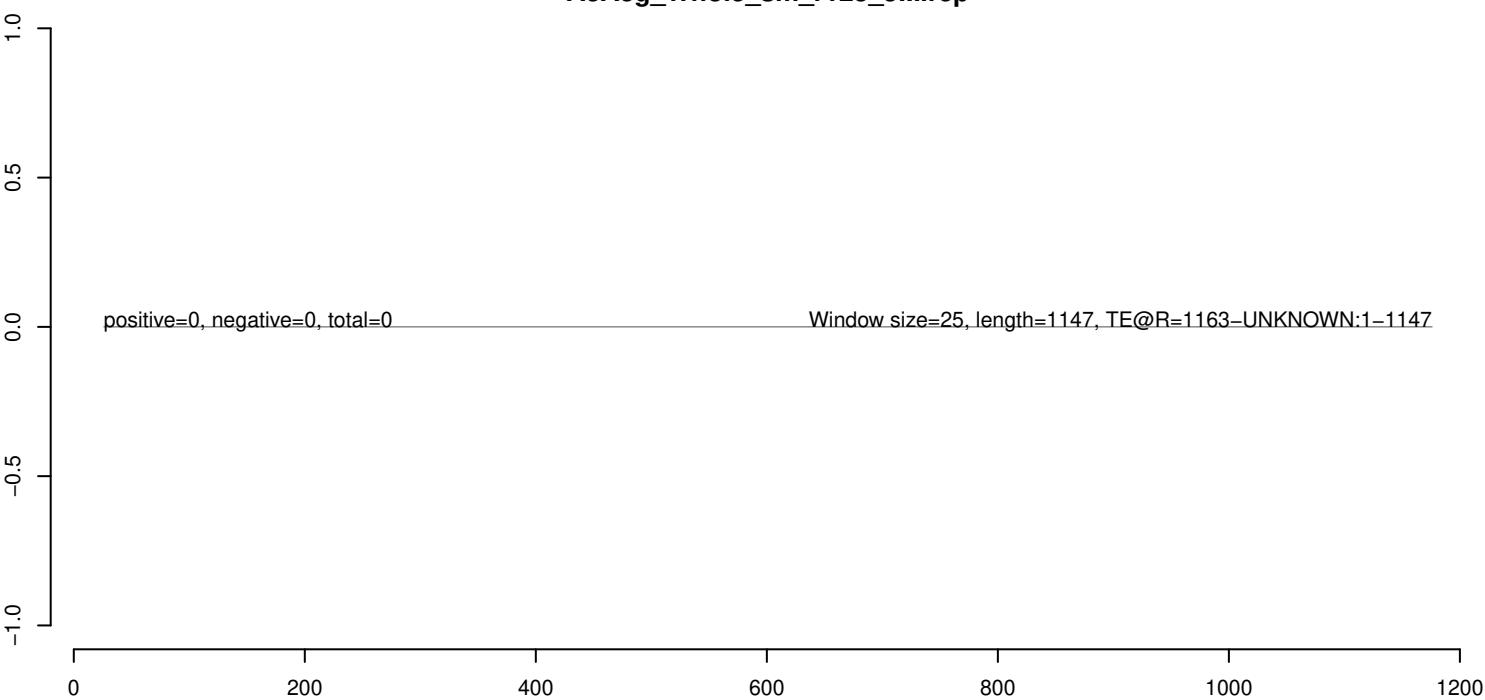
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



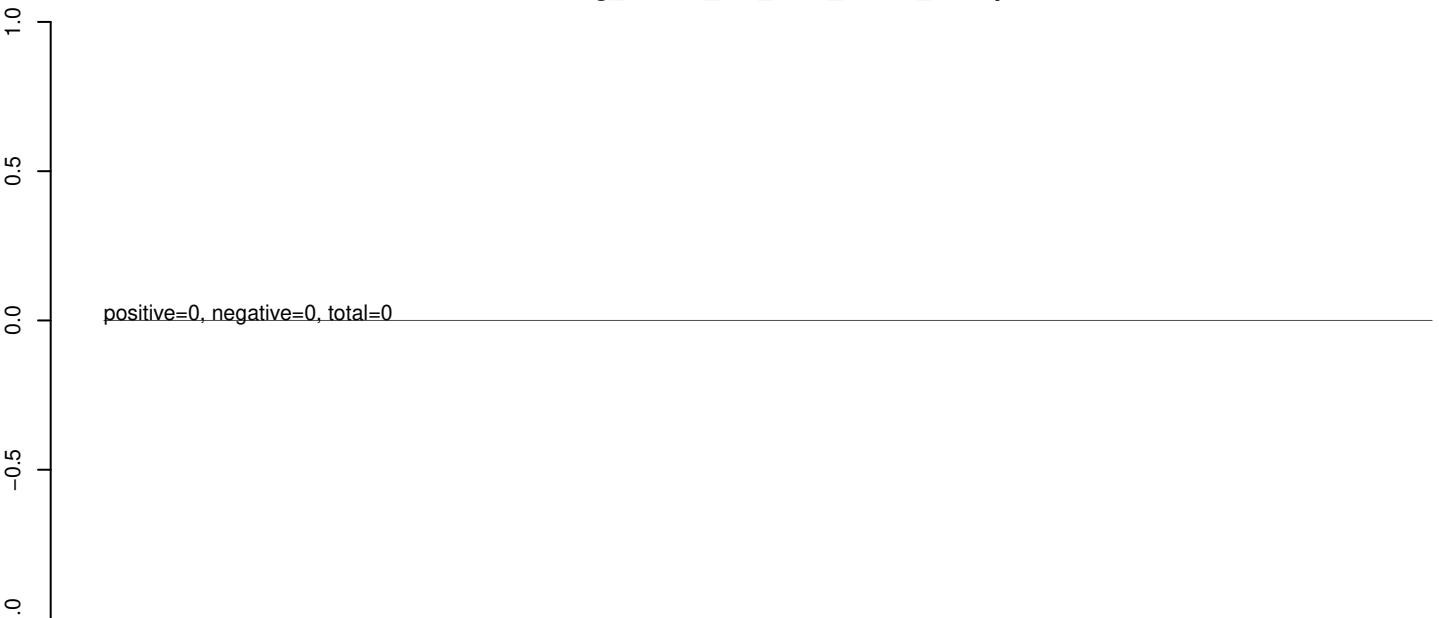
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



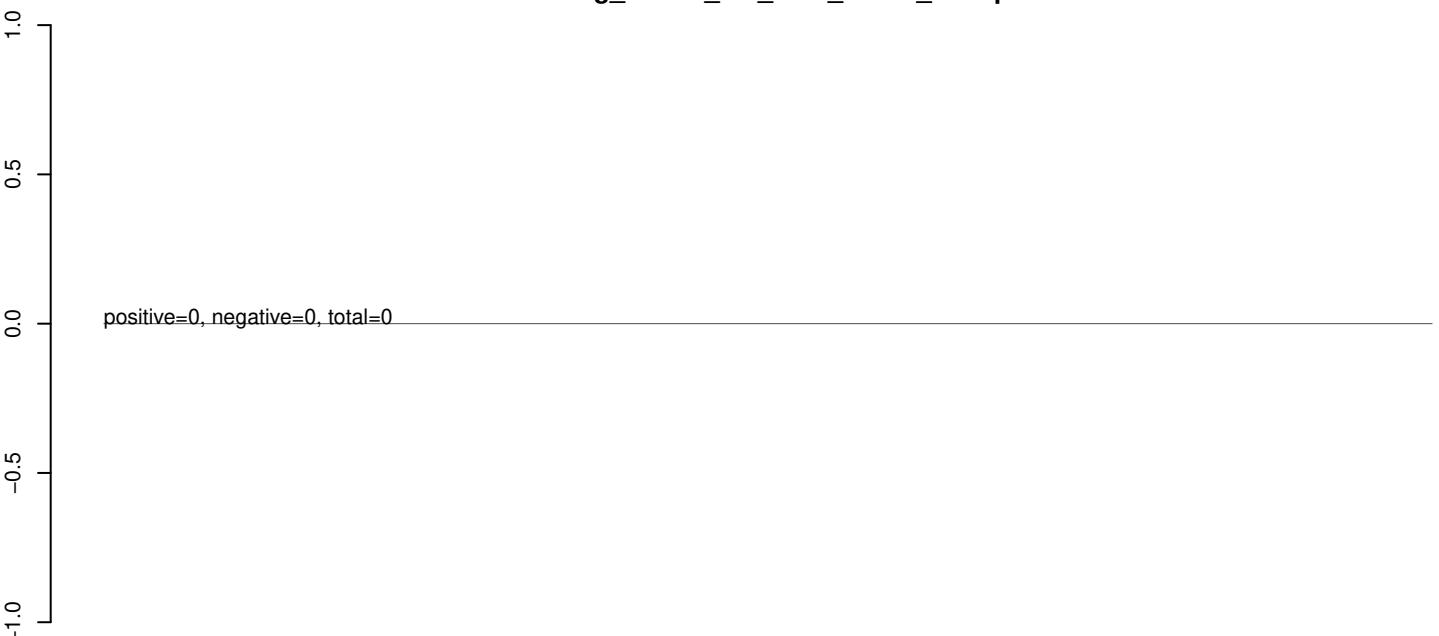
**AeAeg\_Whole\_sm\_r123\_JM.rep**



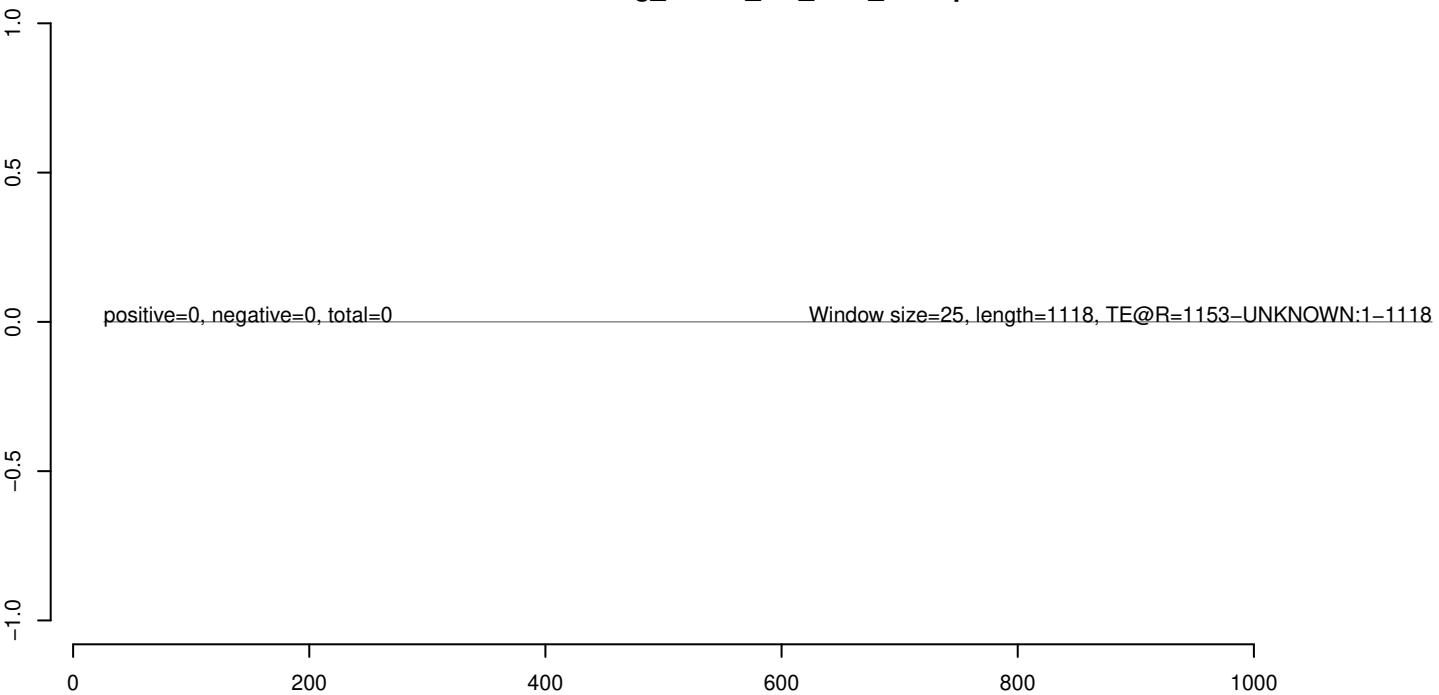
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



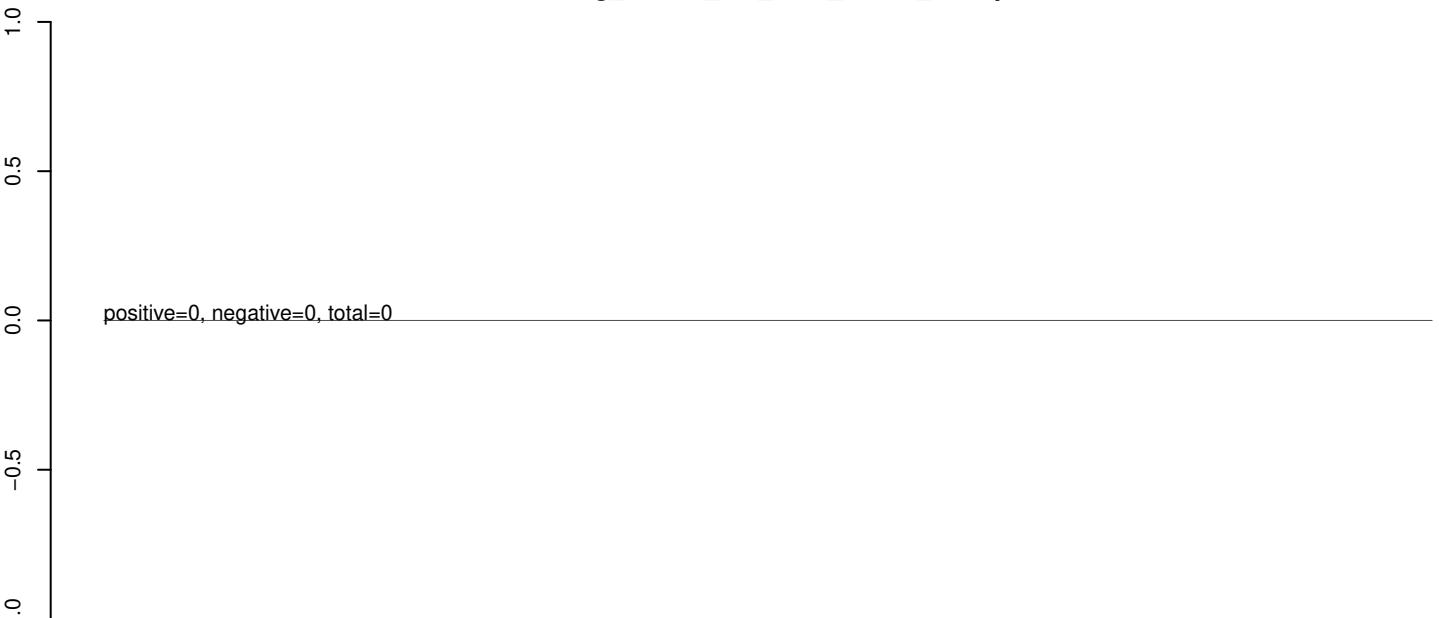
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



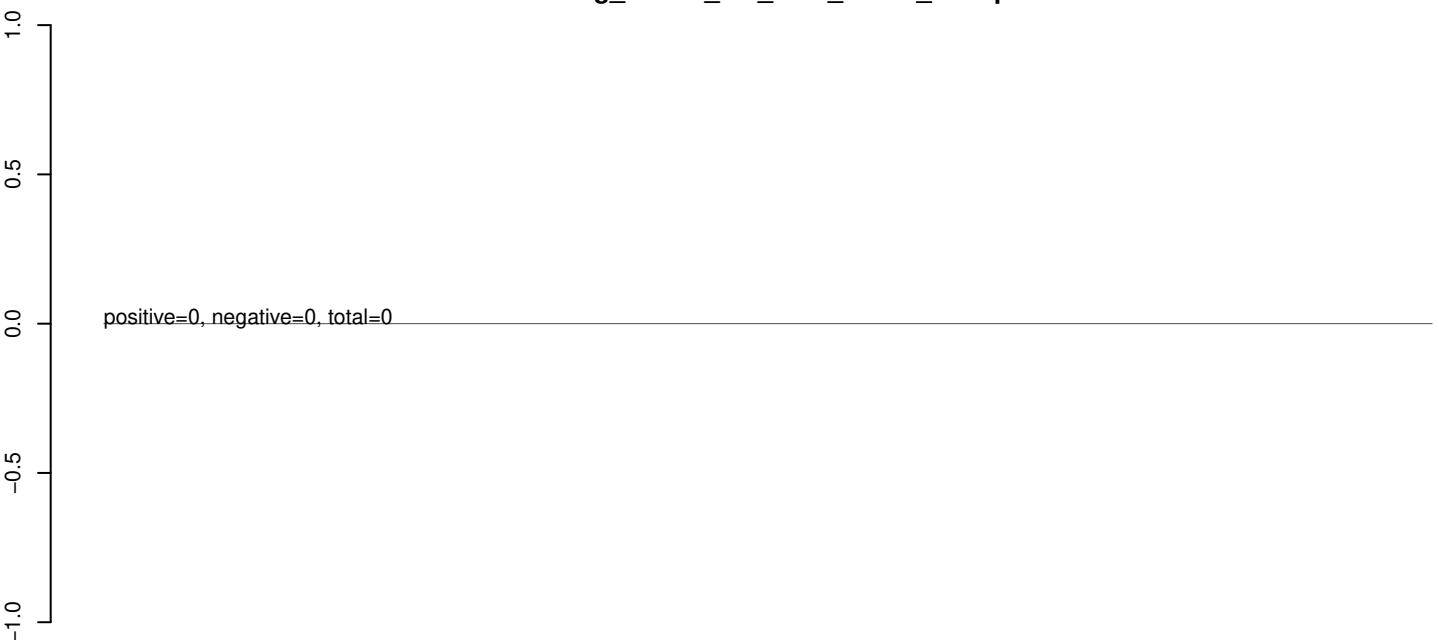
**AeAeg\_Whole\_sm\_r123\_JM.rep**



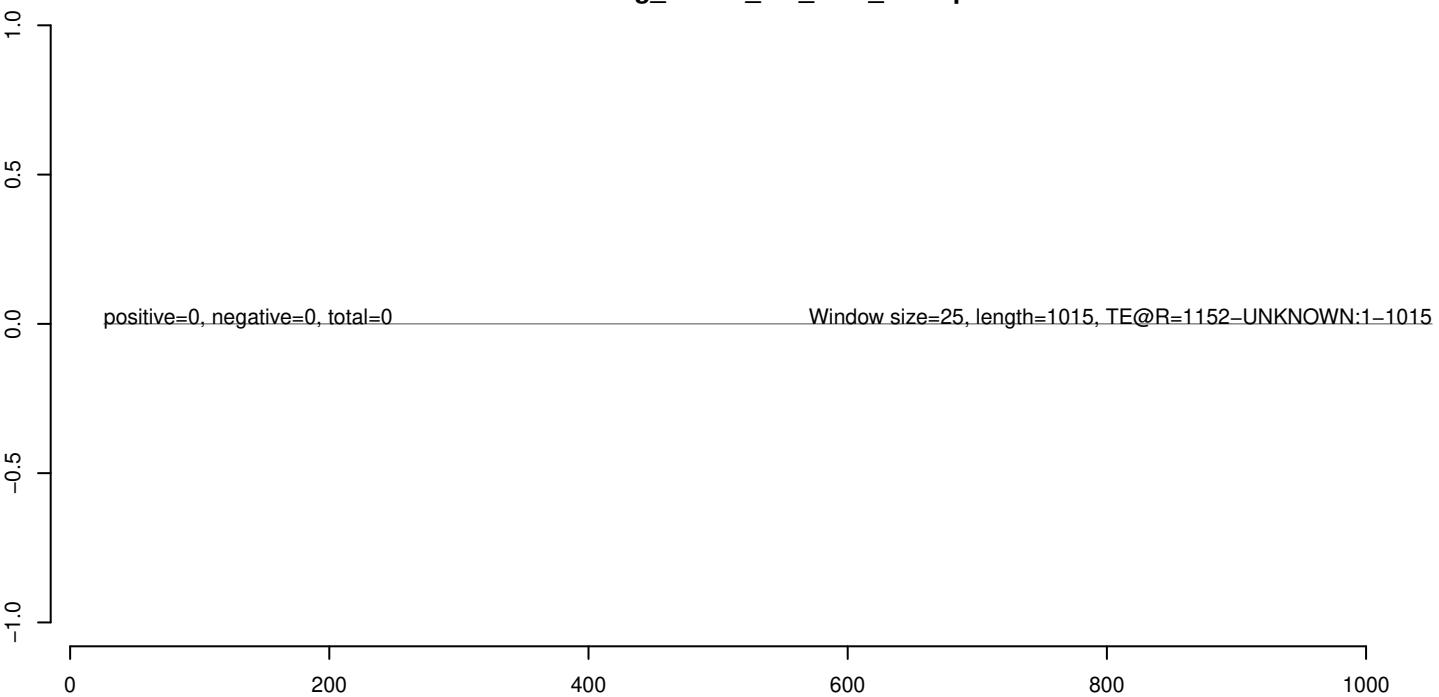
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



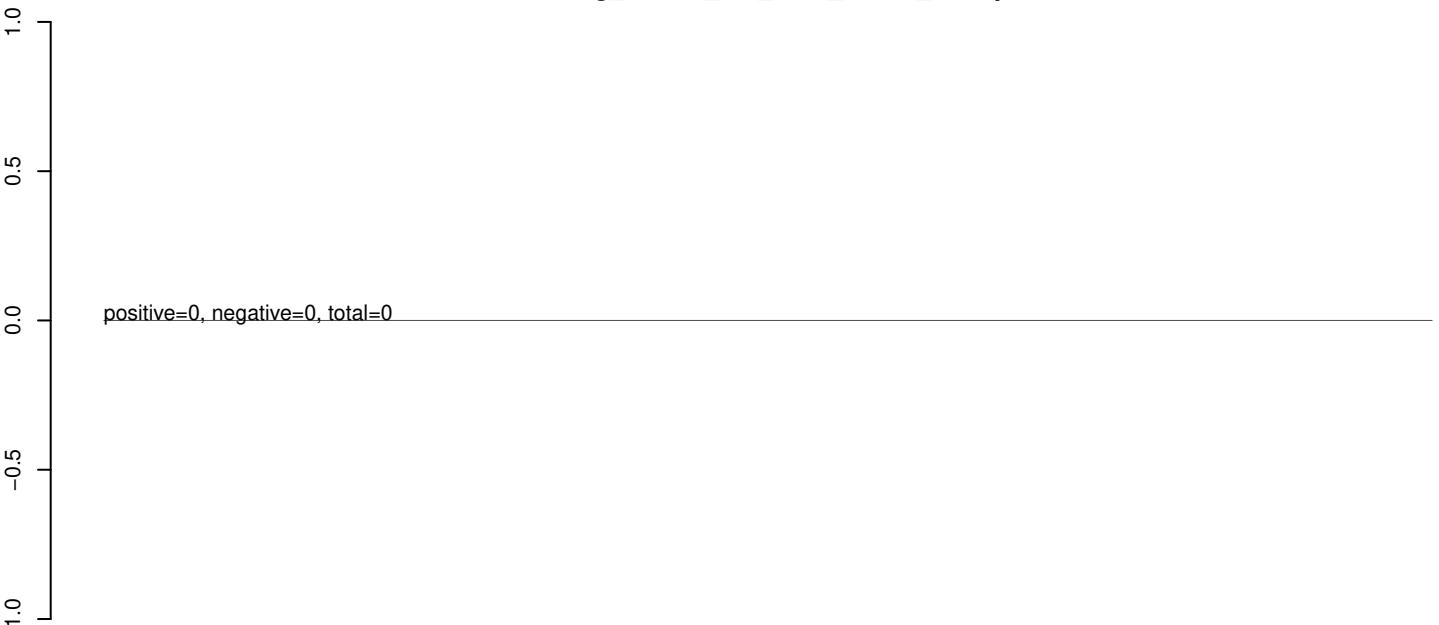
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



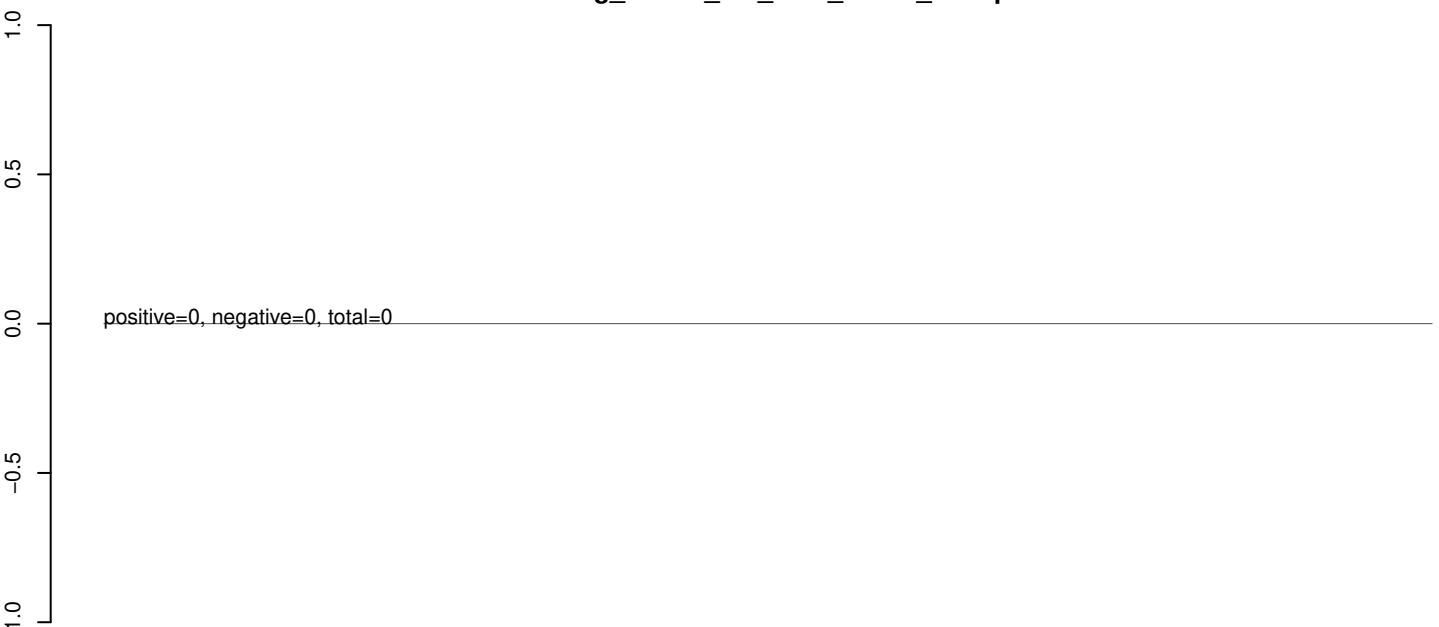
**AeAeg\_Whole\_sm\_r123\_JM.rep**



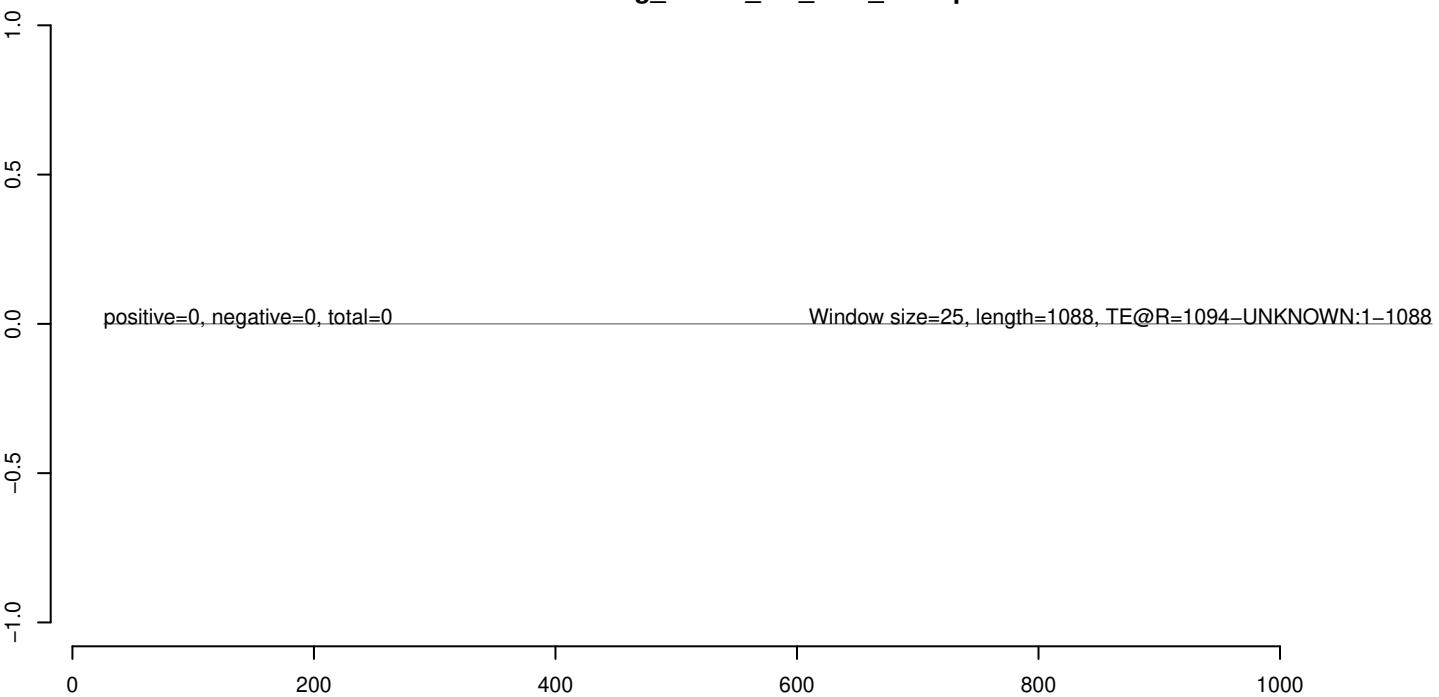
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1194, TE@R=1035-UNKNOWN:1-1194

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**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1739, TE@R=1022-UNKNOWN:1-1739

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**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

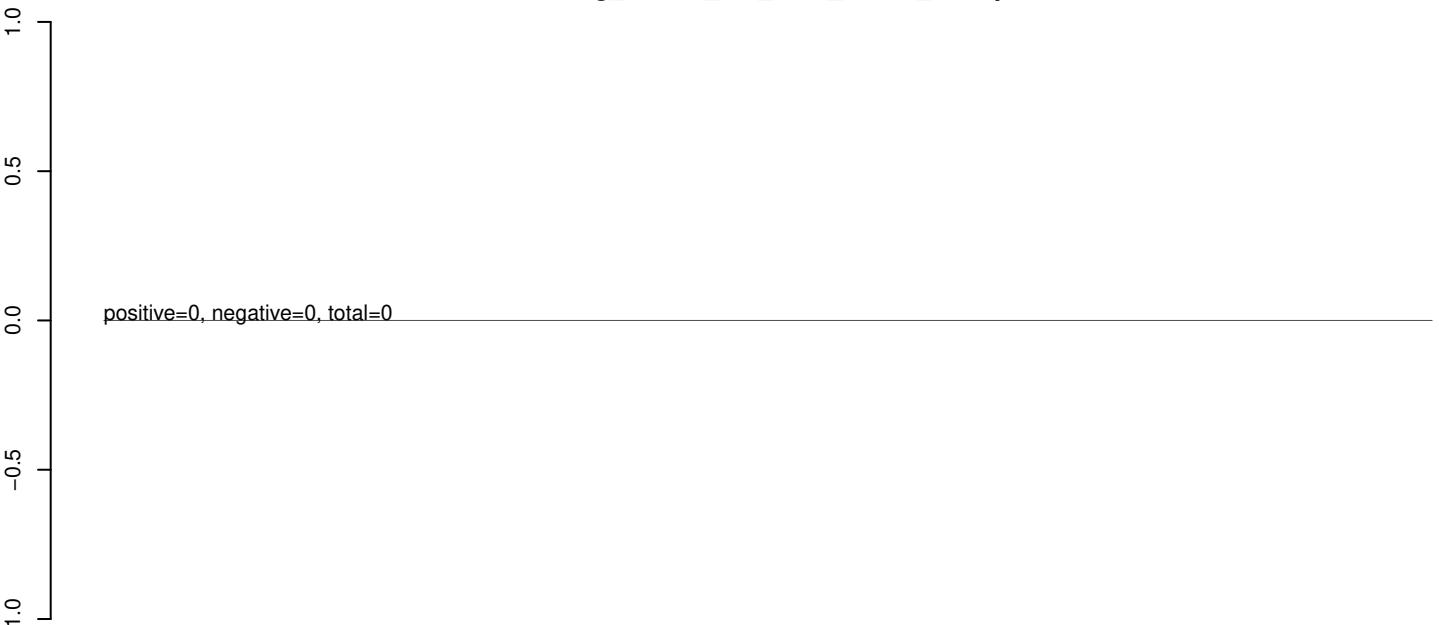
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

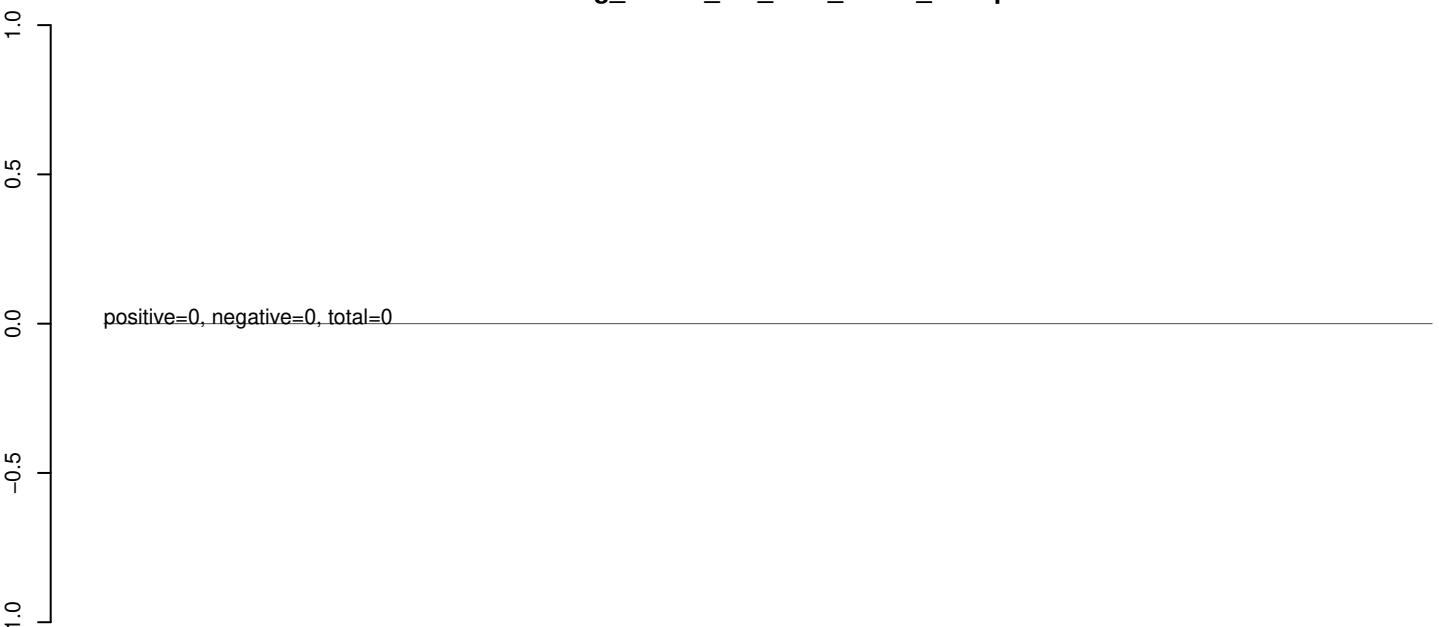
positive=0, negative=0, total=0

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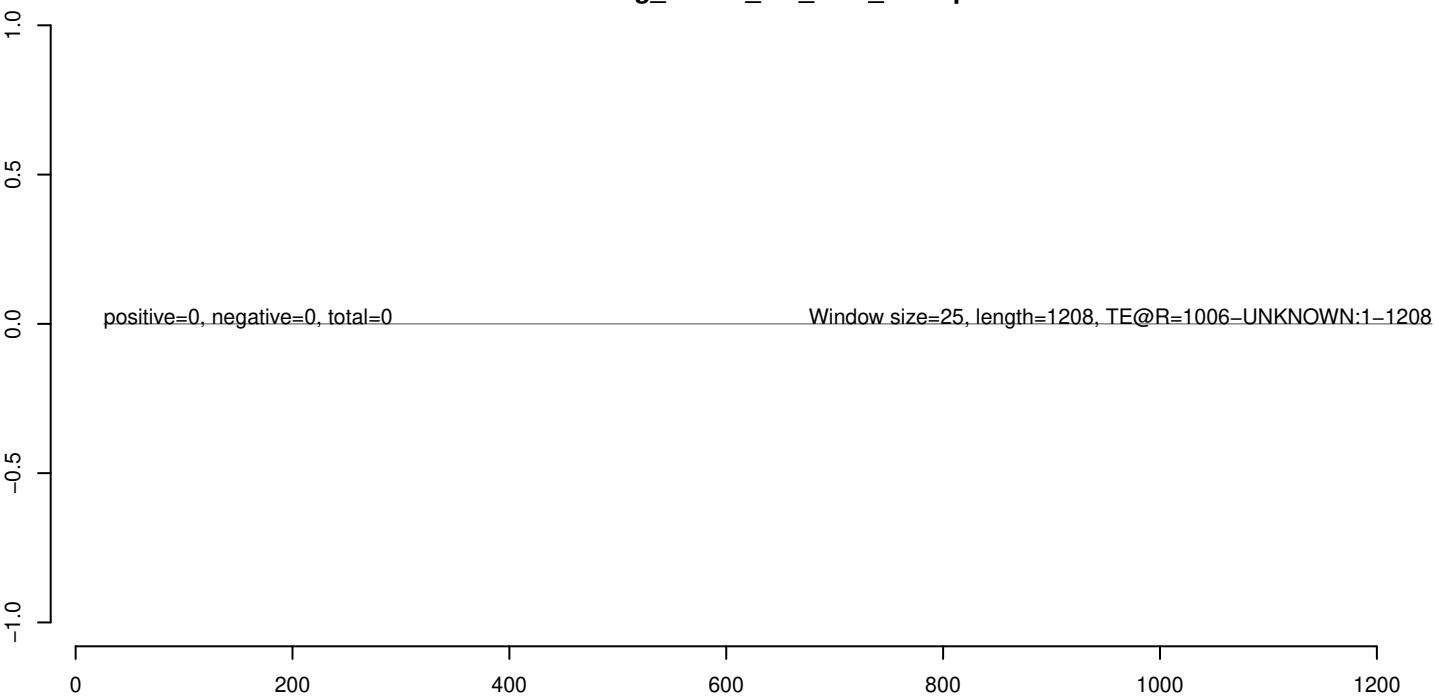
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1234, TE@R=1003-UNKNOWN:1-1234

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**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=4963, TE@Penelope-4\_AAe:1-4963

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**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

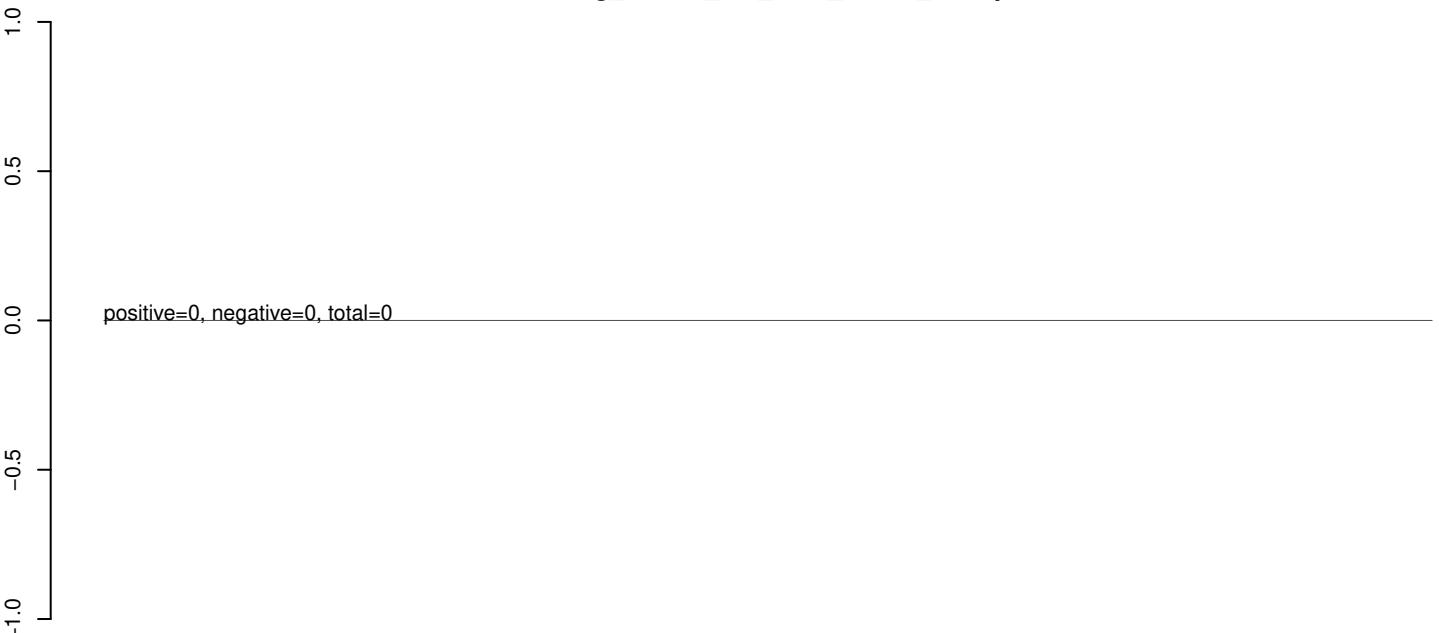
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

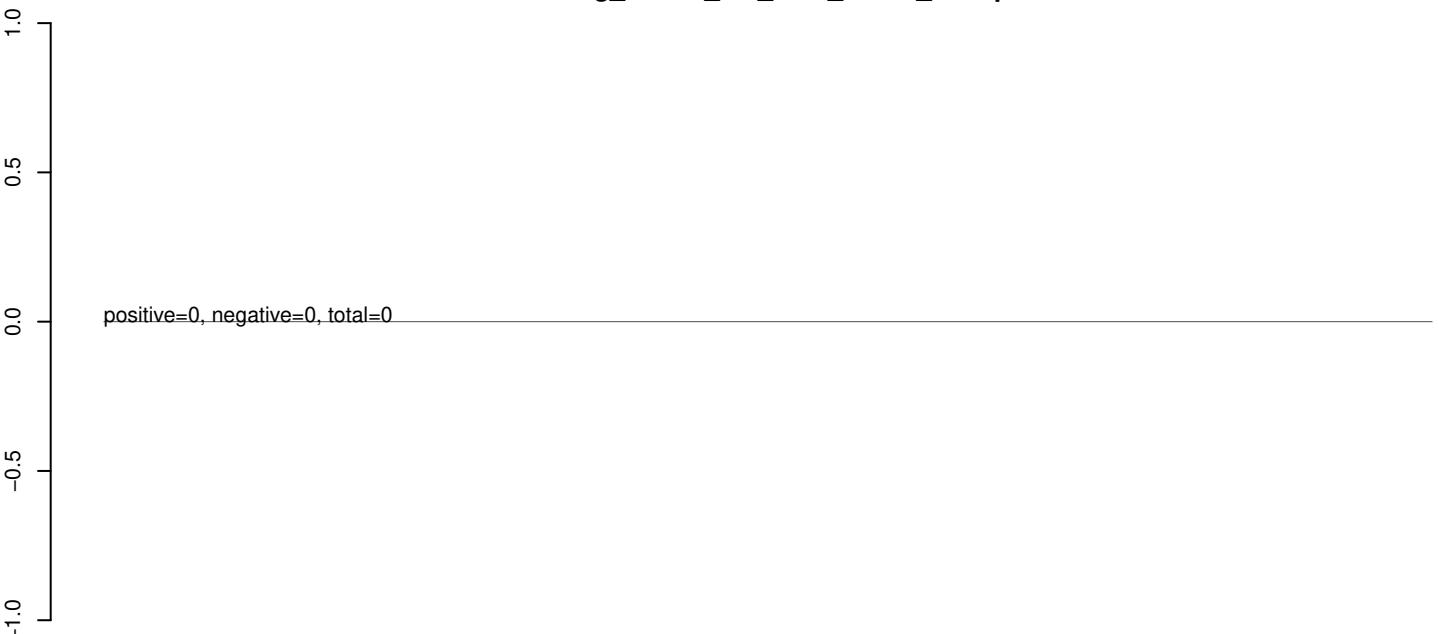
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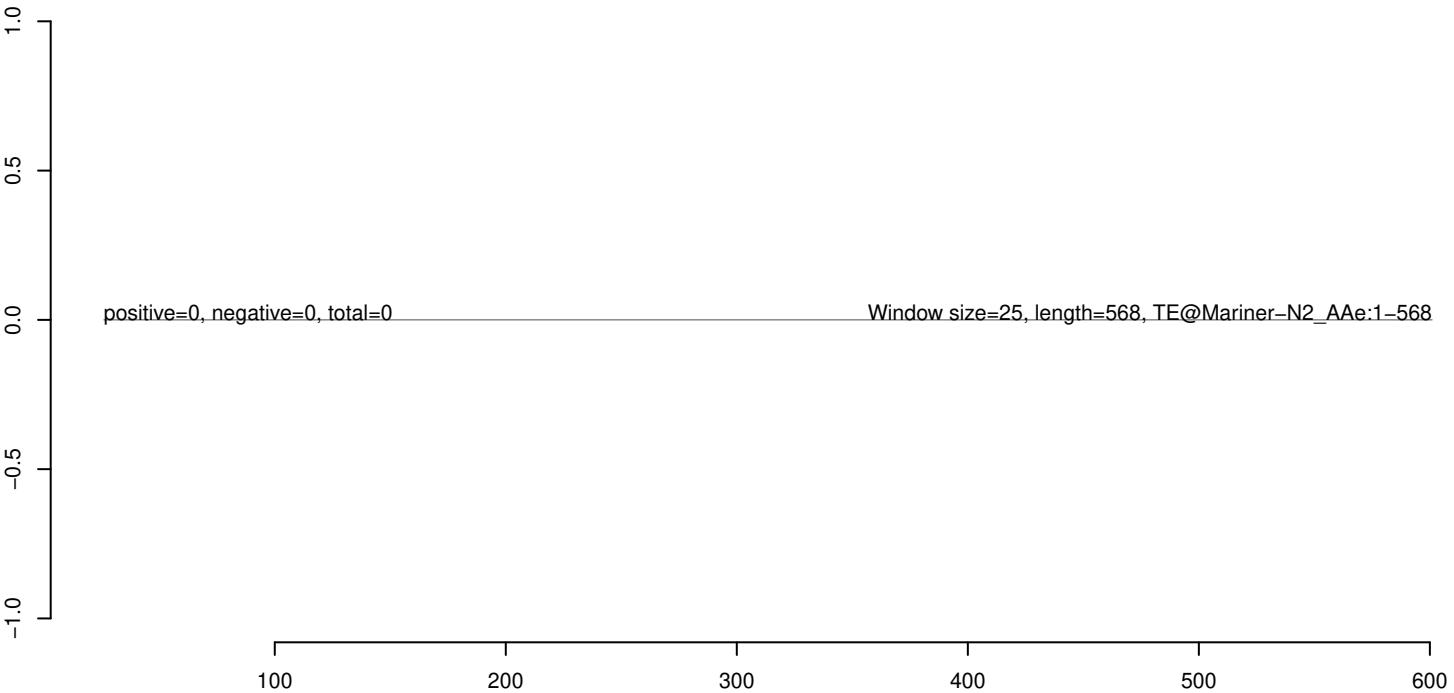
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



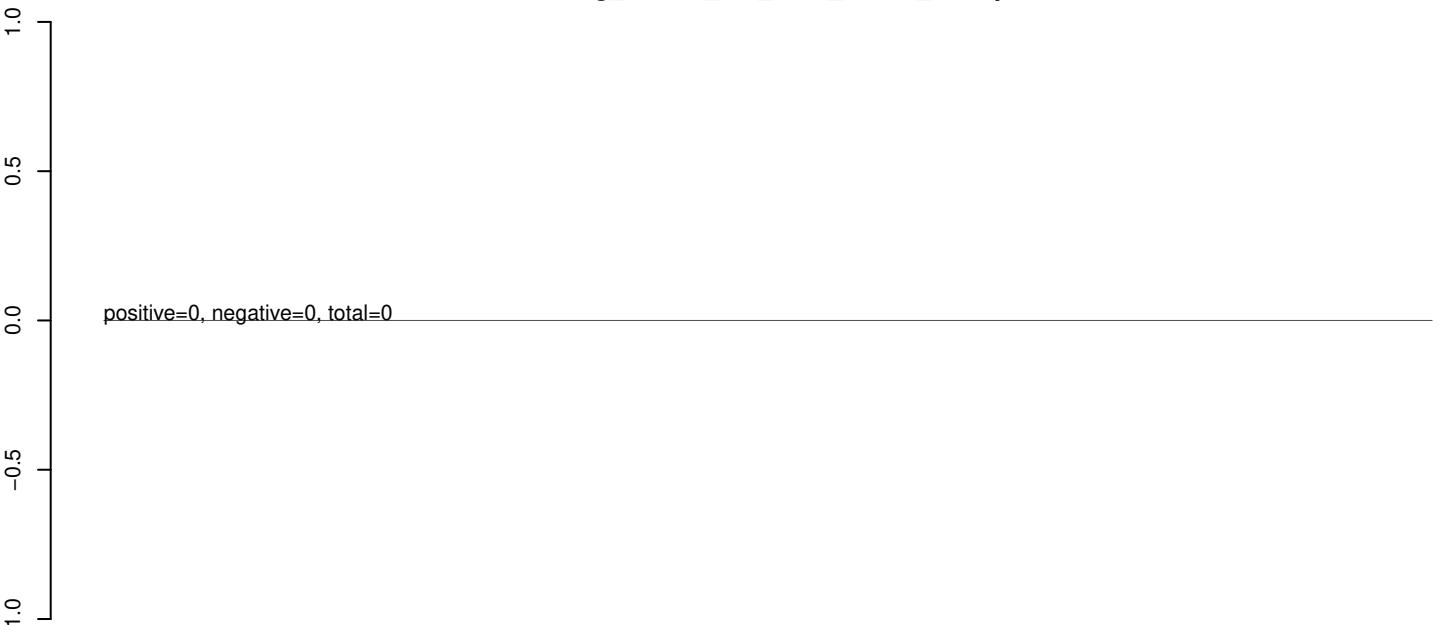
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



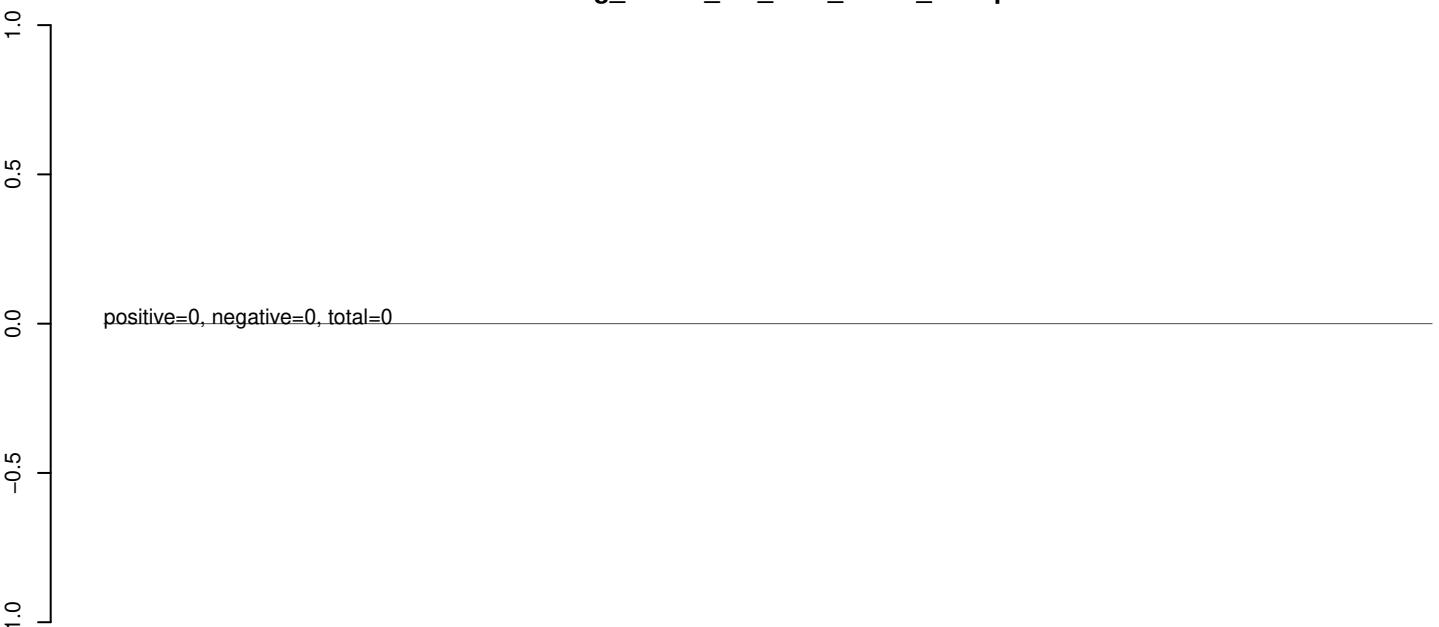
**AeAeg\_Whole\_sm\_r123\_JM.rep**



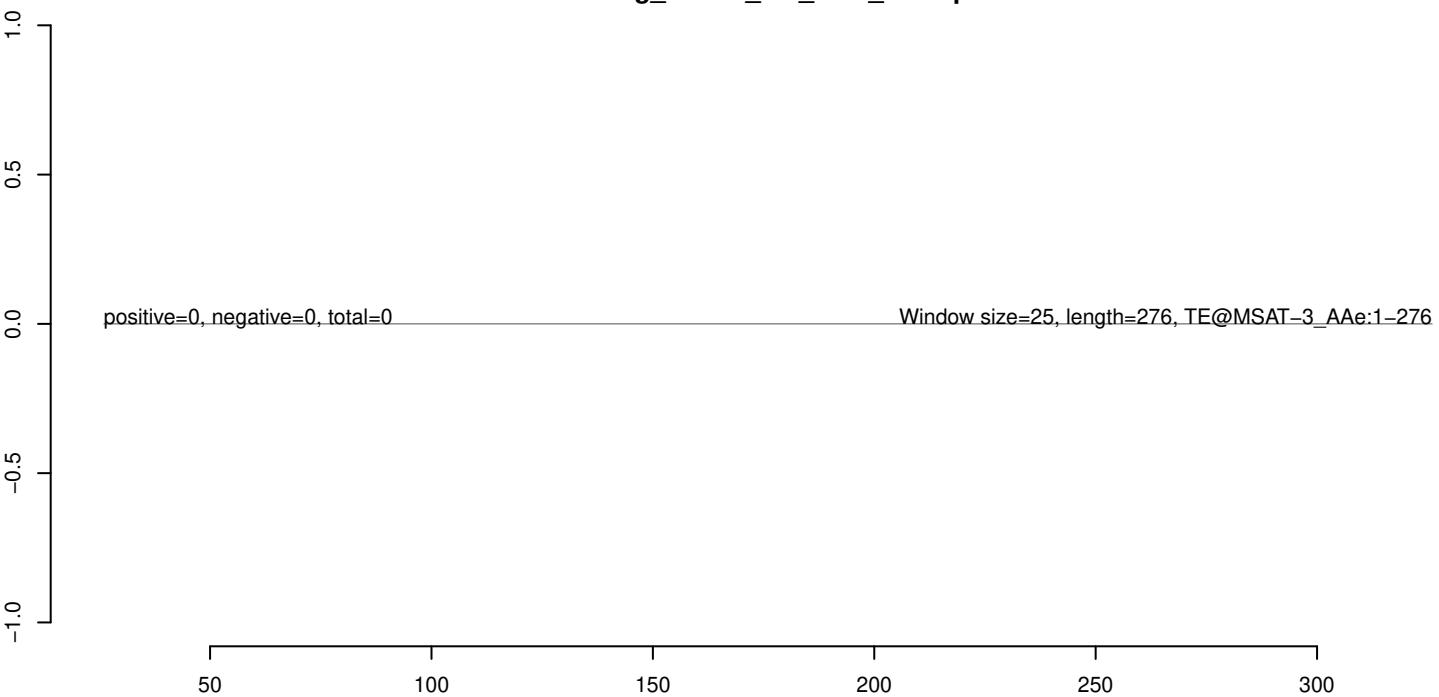
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

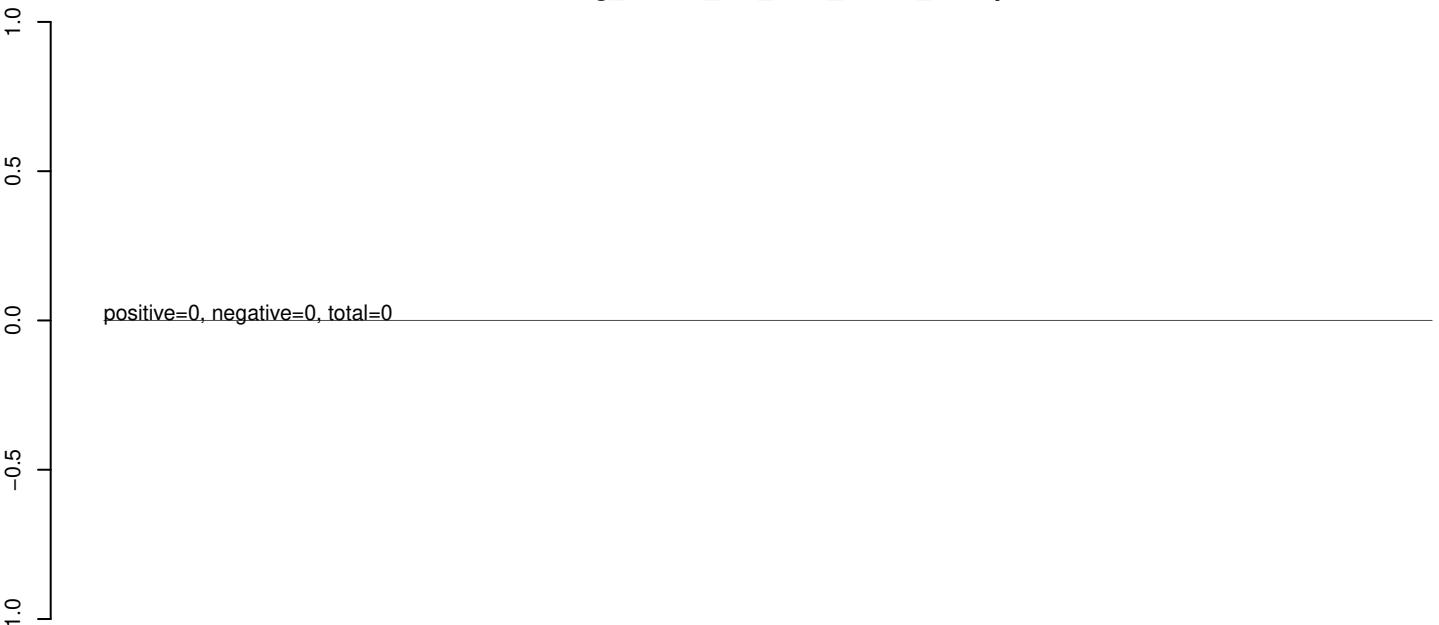


**AeAeg\_Whole\_sm\_r123\_JM.rep**

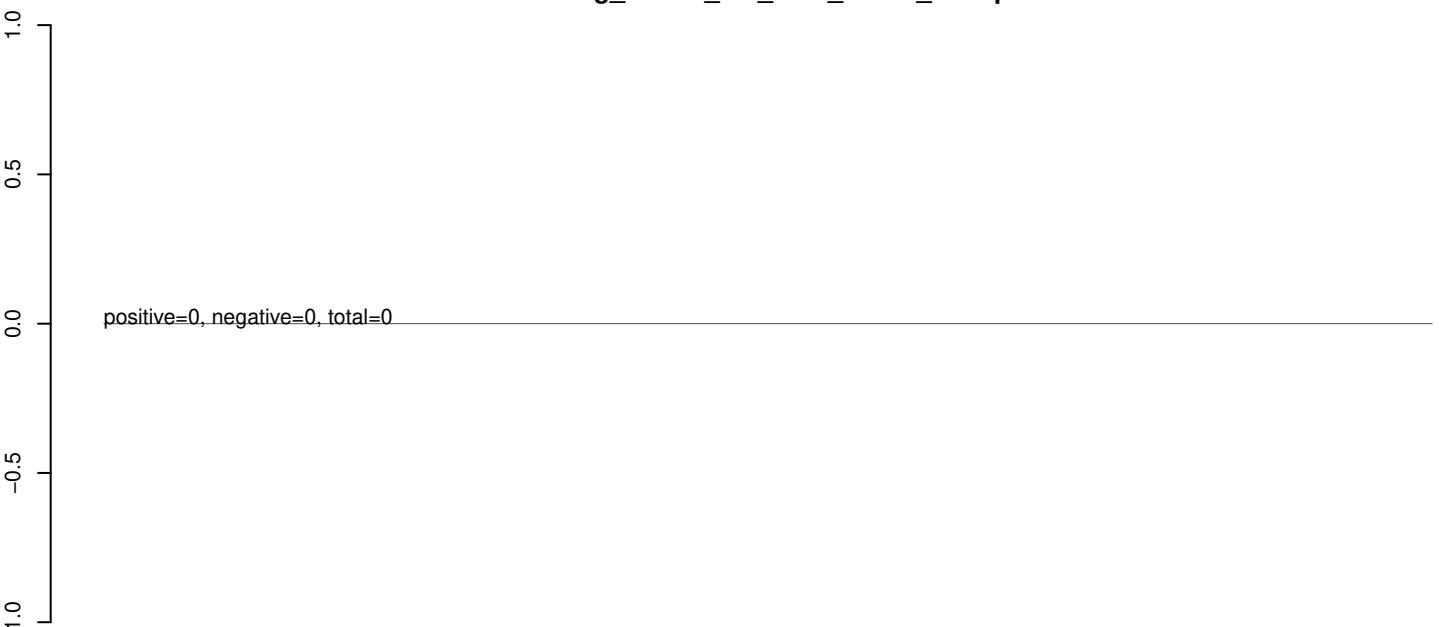


50 100 150 200 250 300

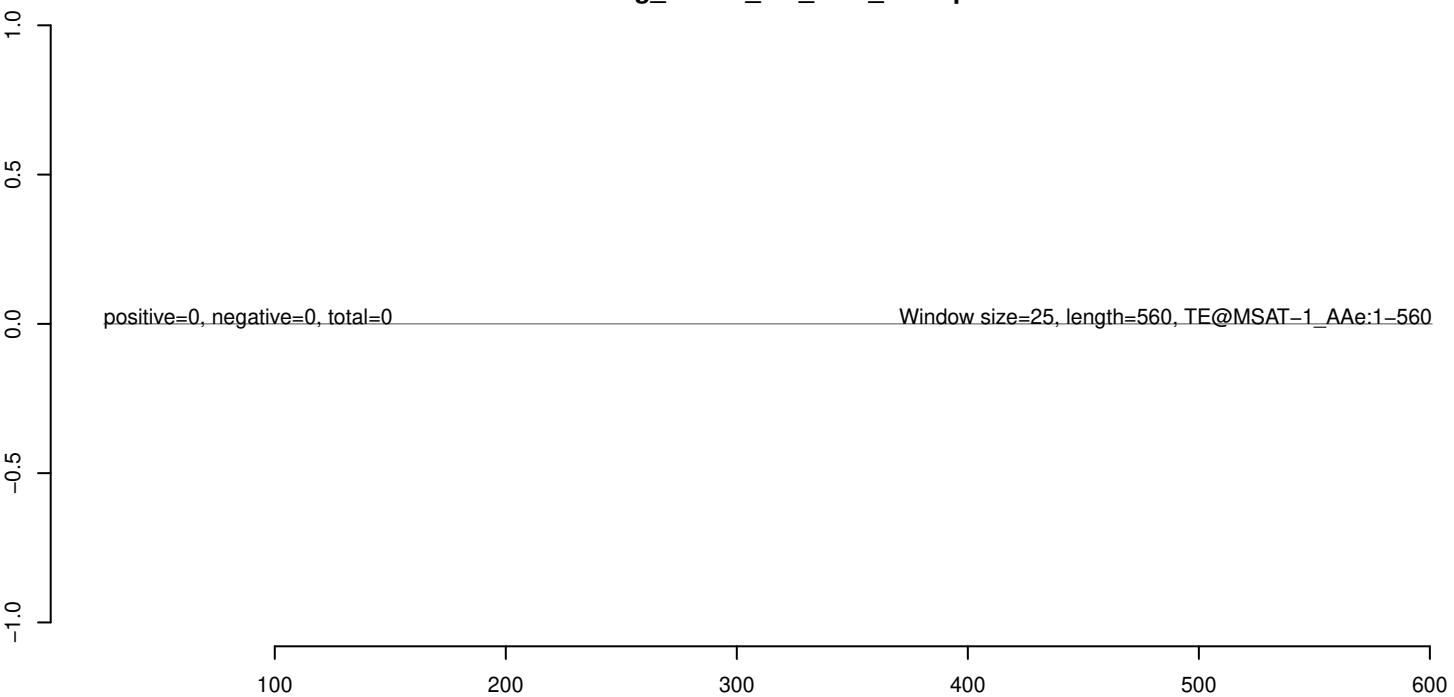
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

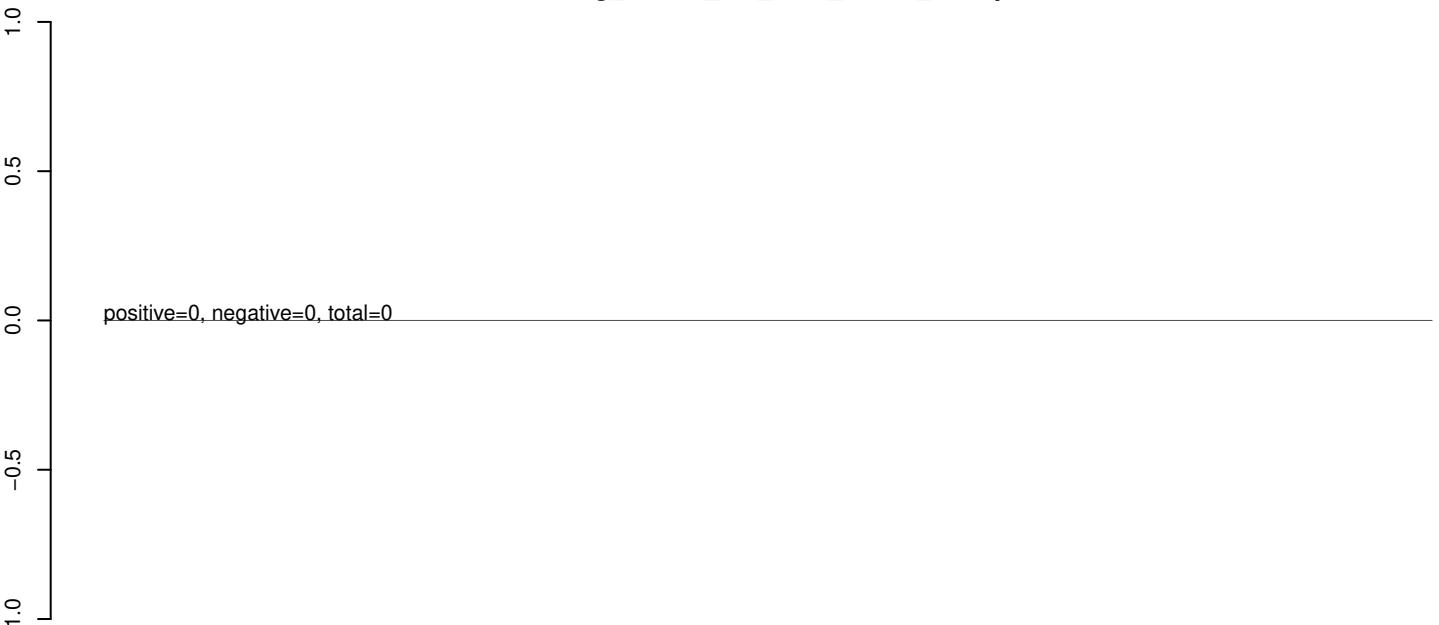
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

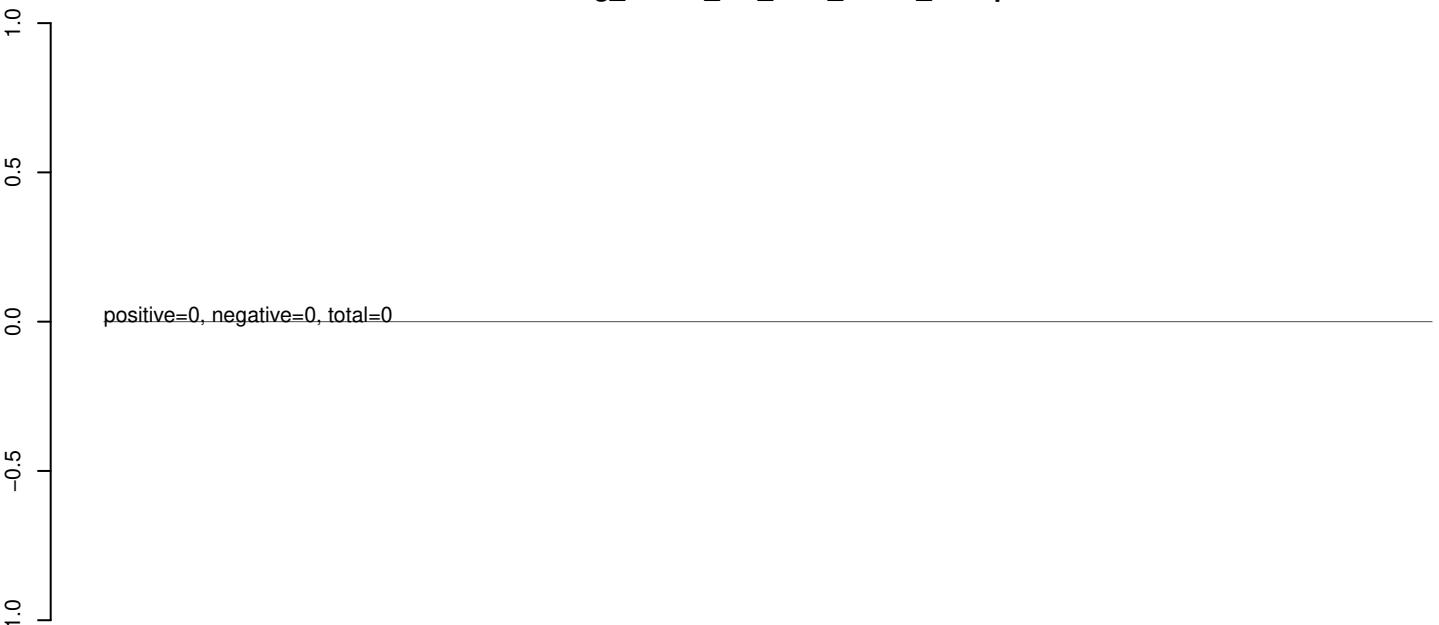
Window size=25, length=240, TE@MICRO-1\_AAe:1-240

50 100 150 200 250

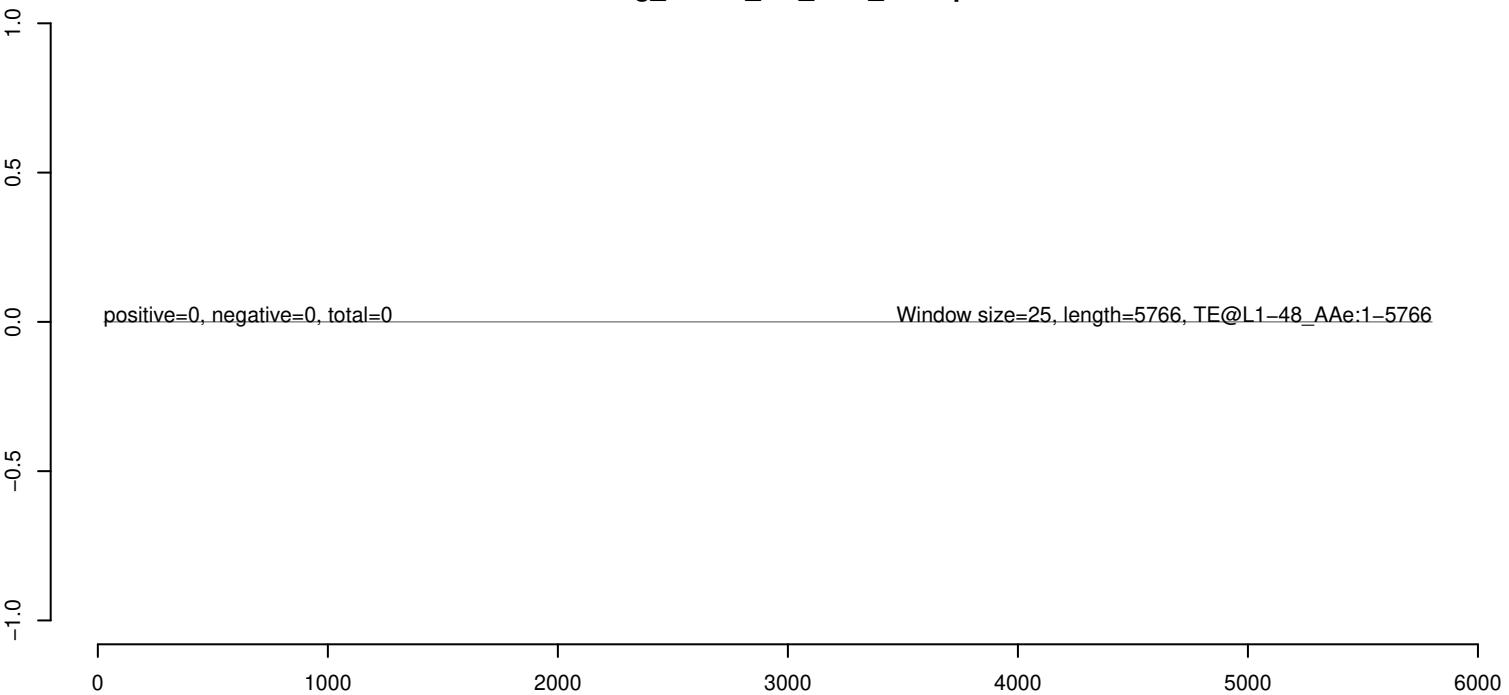
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



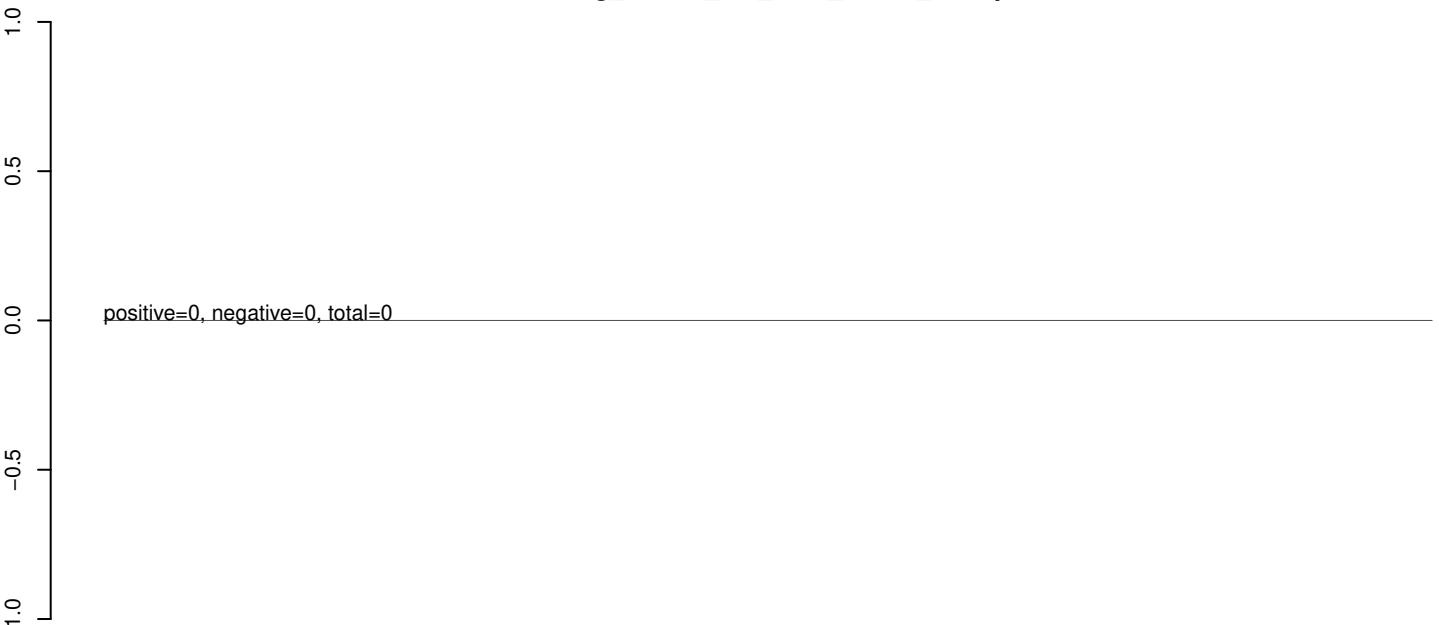
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



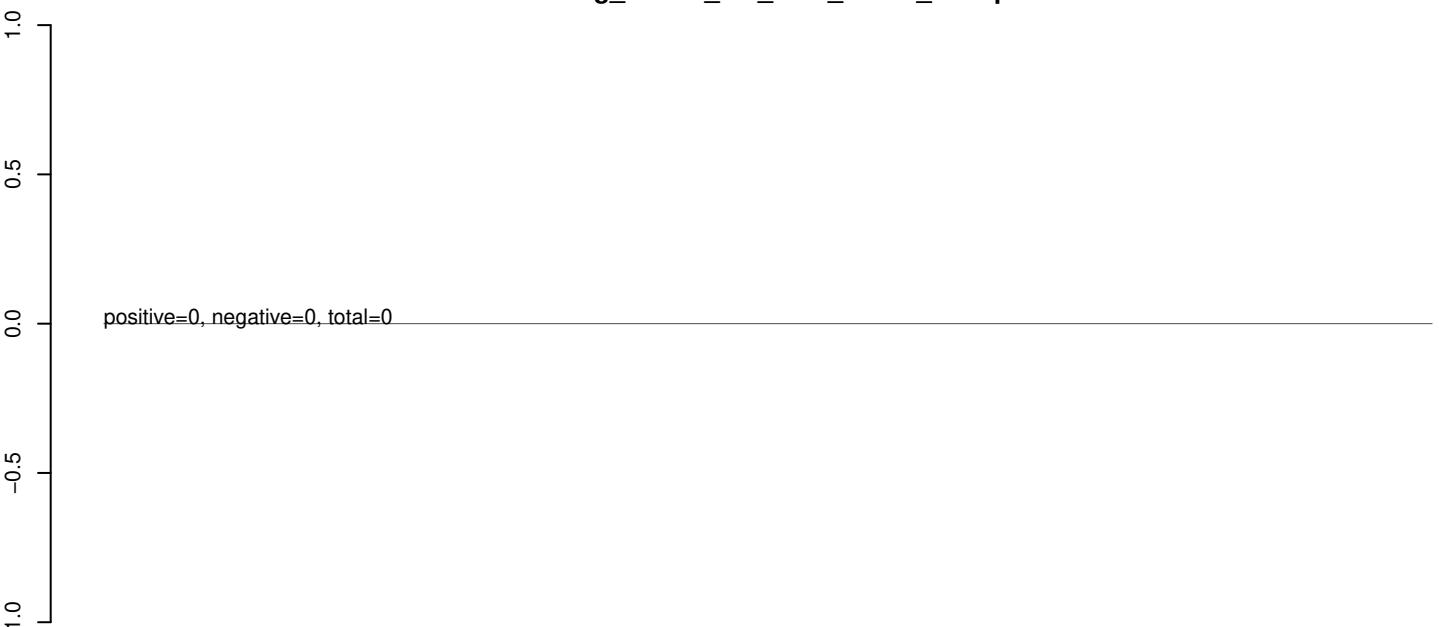
**AeAeg\_Whole\_sm\_r123\_JM.rep**



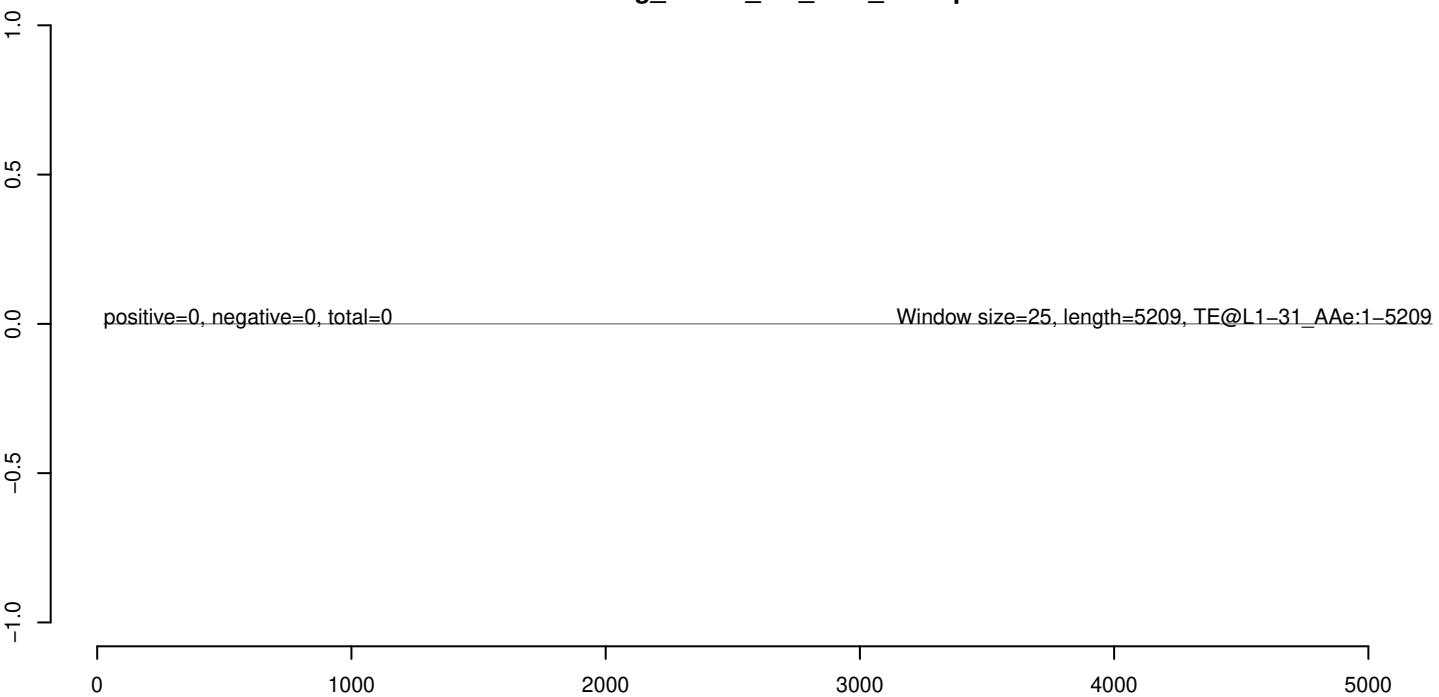
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

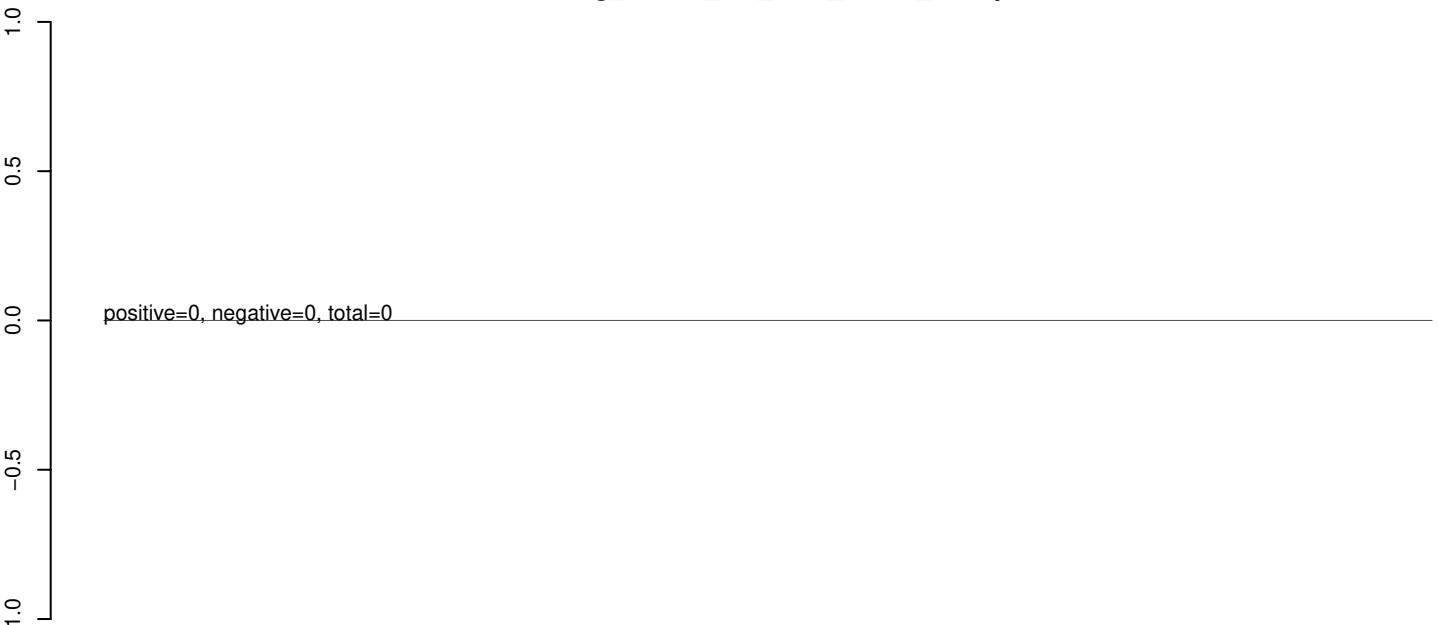


**AeAeg\_Whole\_sm\_r123\_JM.rep**

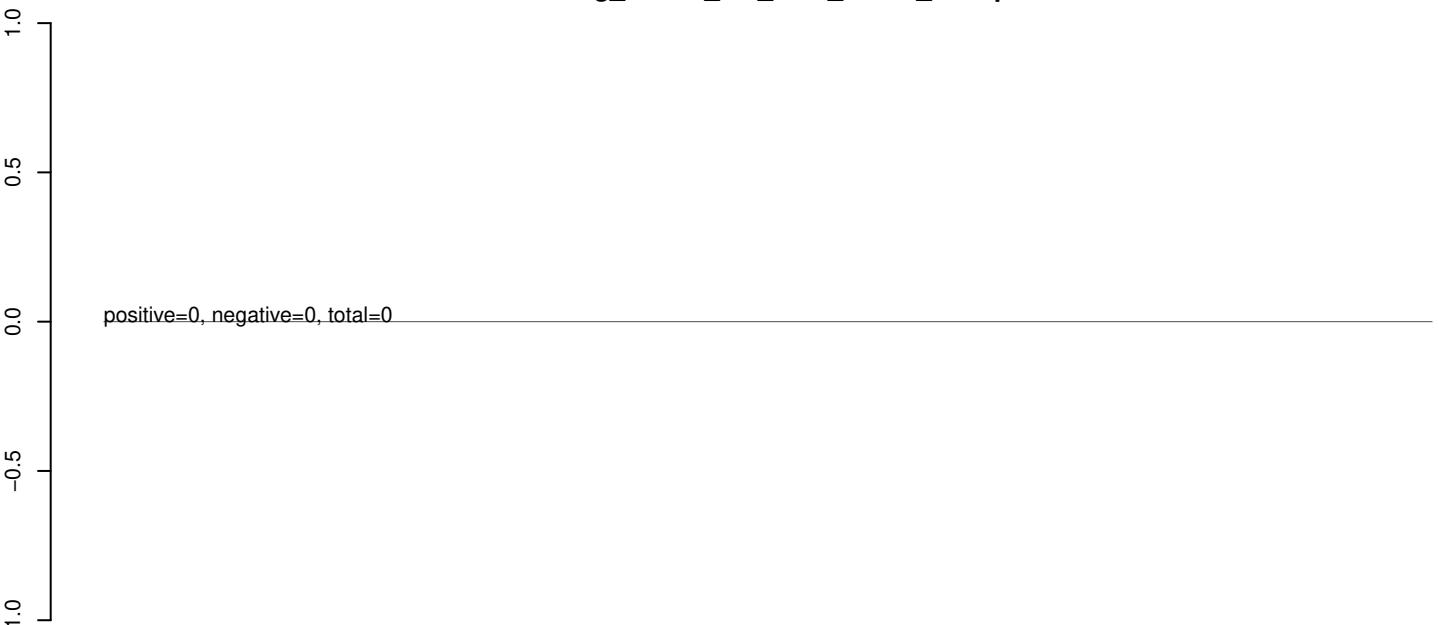


0 1000 2000 3000 4000 5000

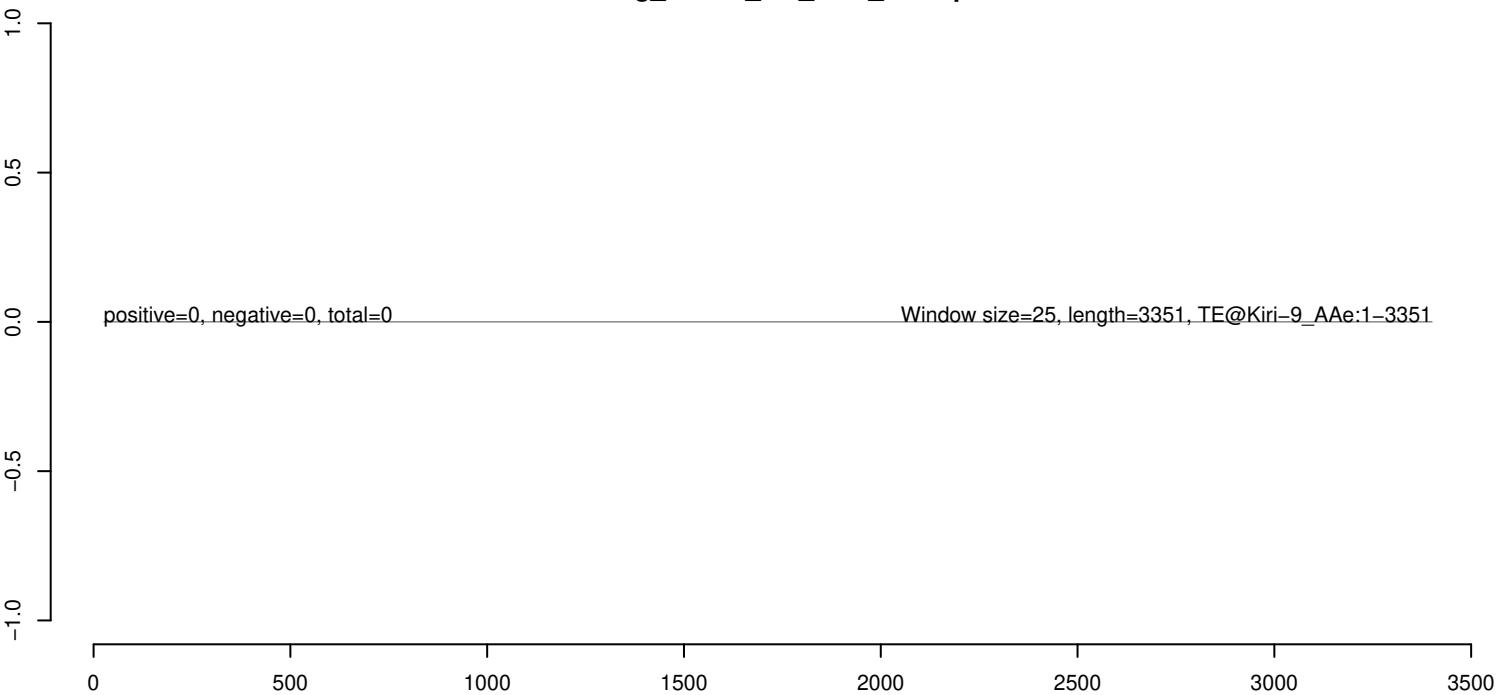
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



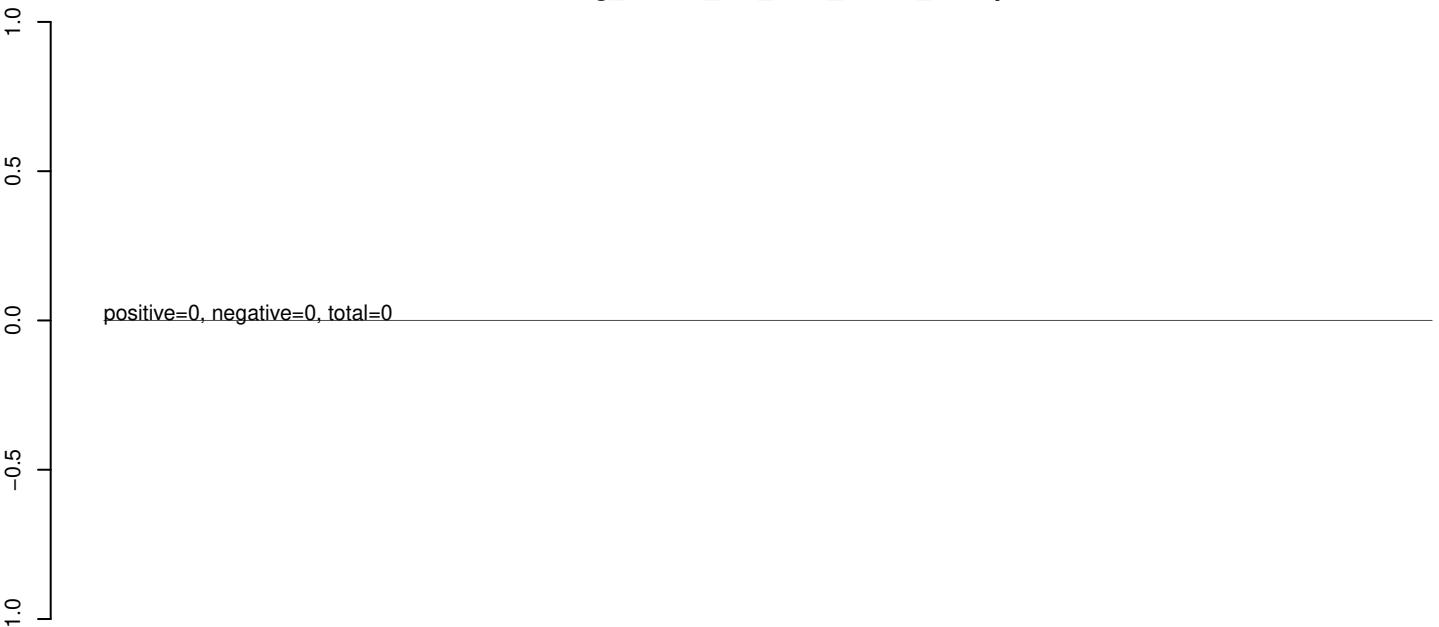
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



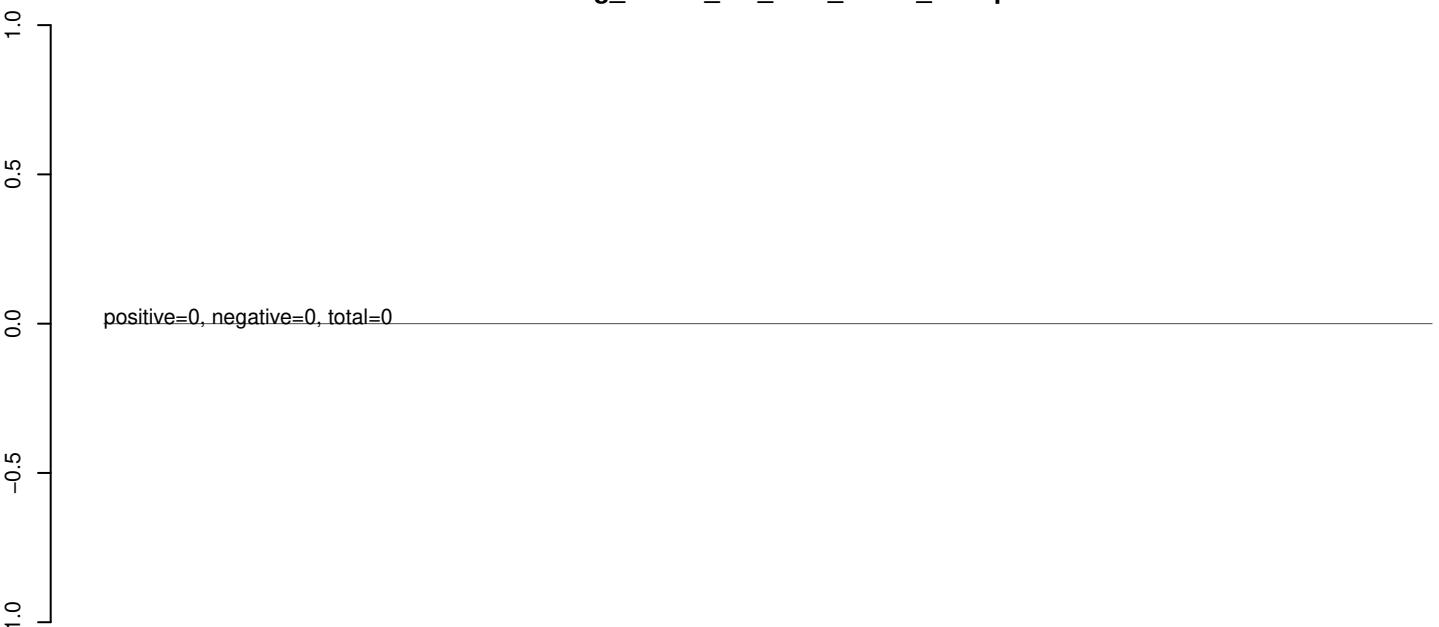
### AeAeg\_Whole\_sm\_r123\_JM.rep



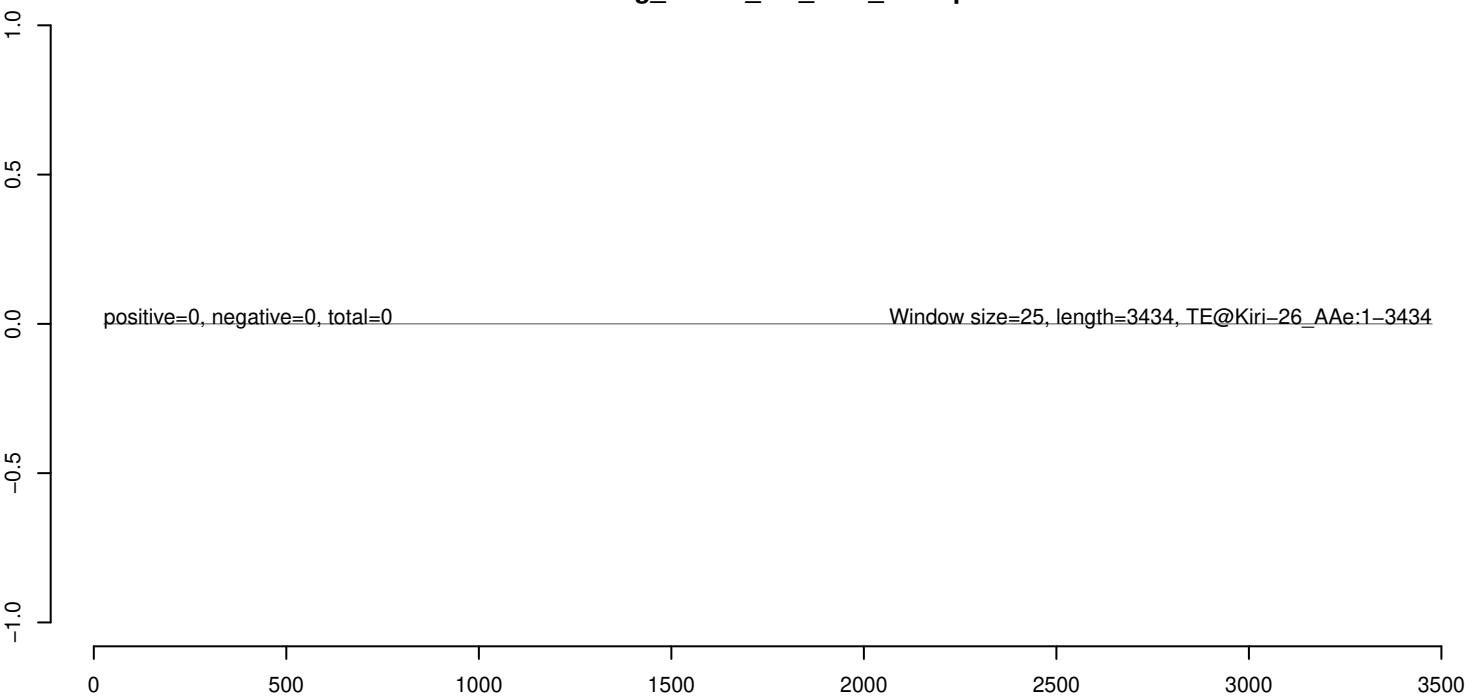
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=4422, TE@Jockey\_Ele2:1–4422

0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

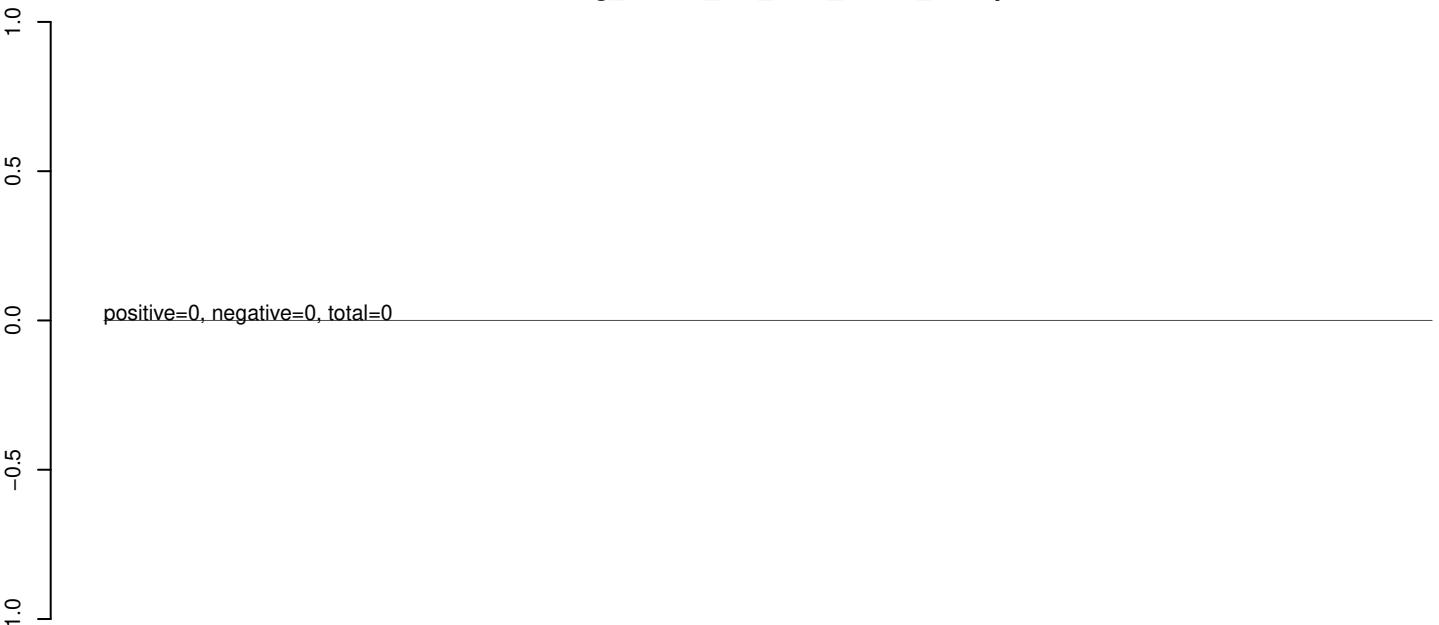
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

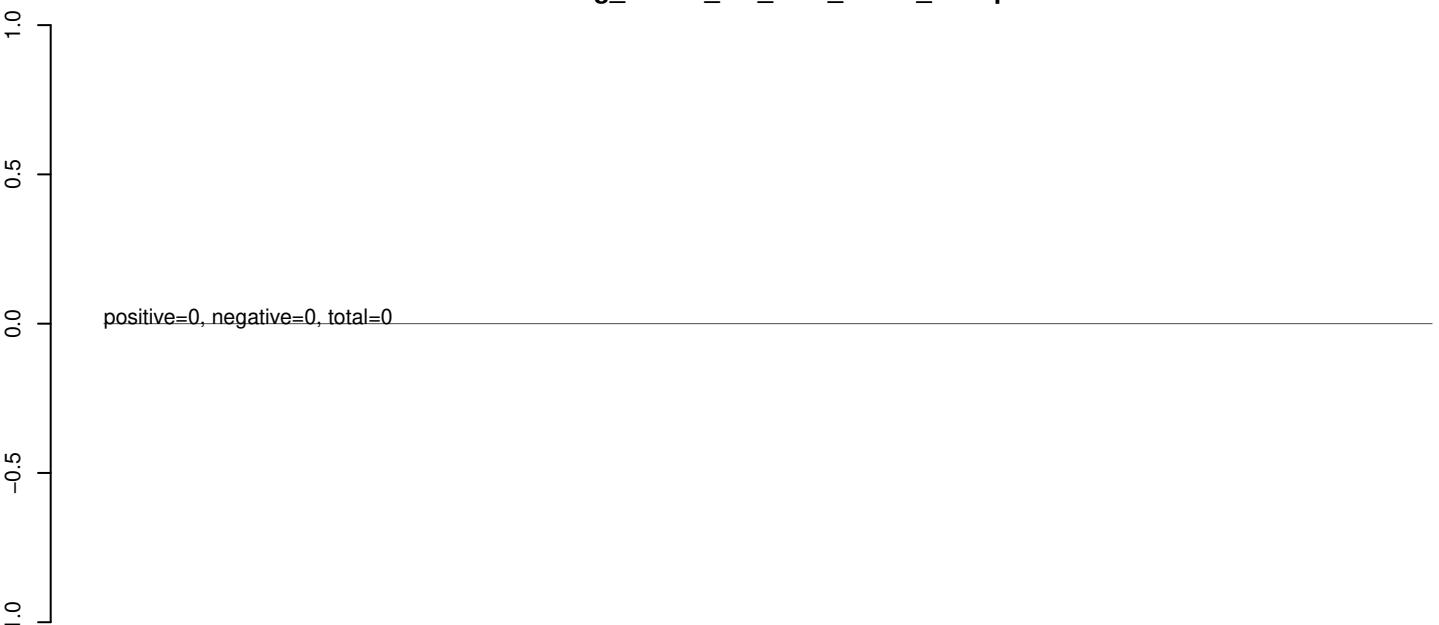
Window size=25, length=4378, TE@Jockey-14\_AAe:1-4378

0 1000 2000 3000 4000

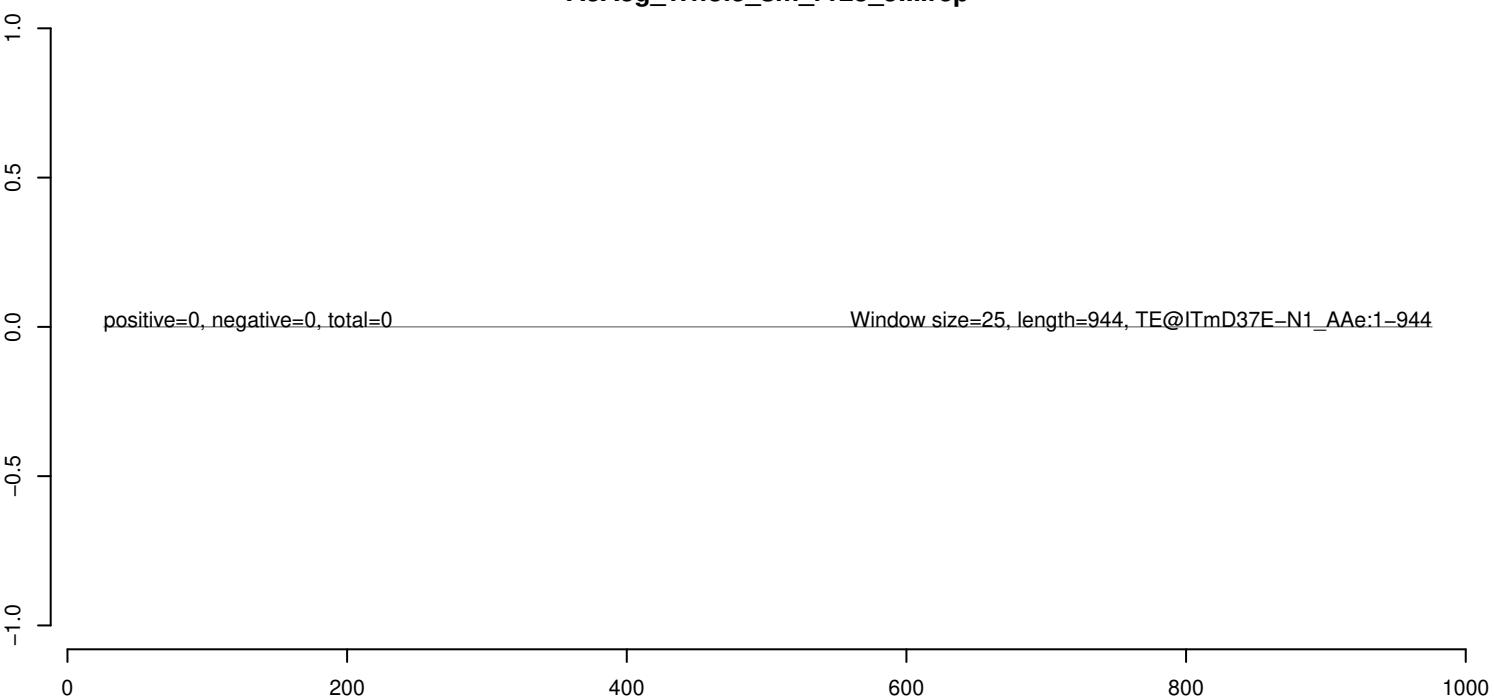
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



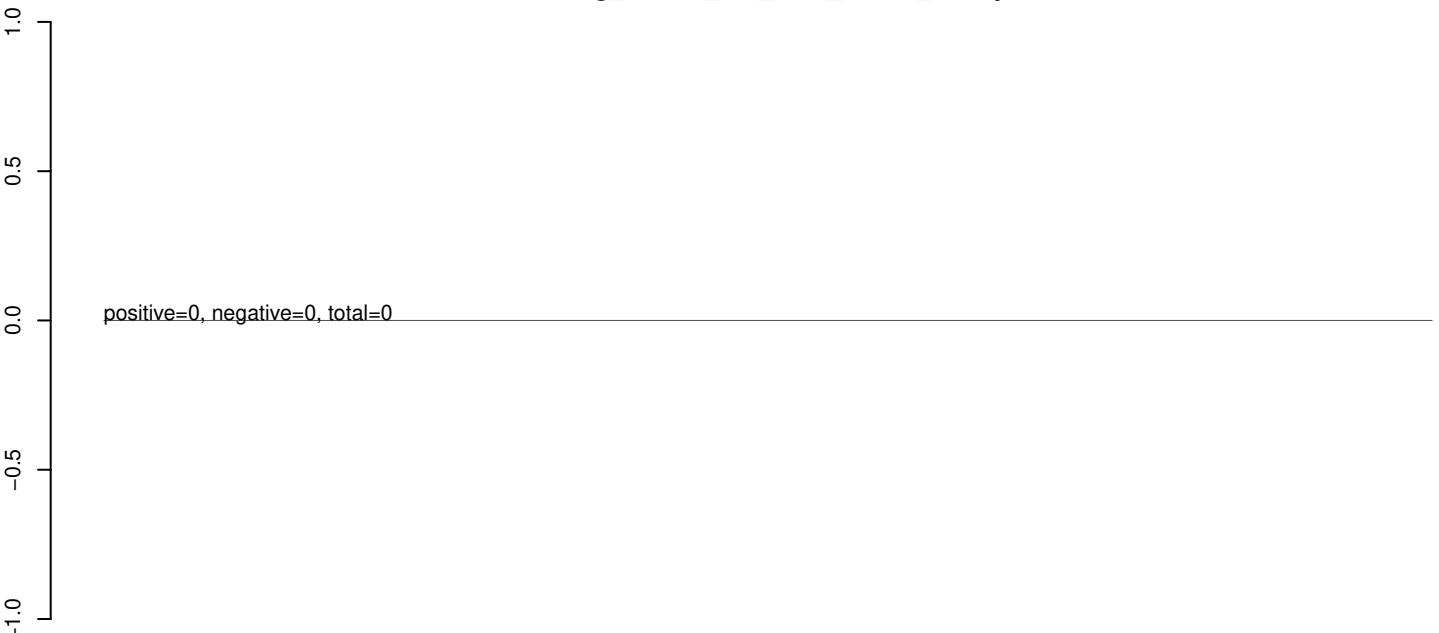
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



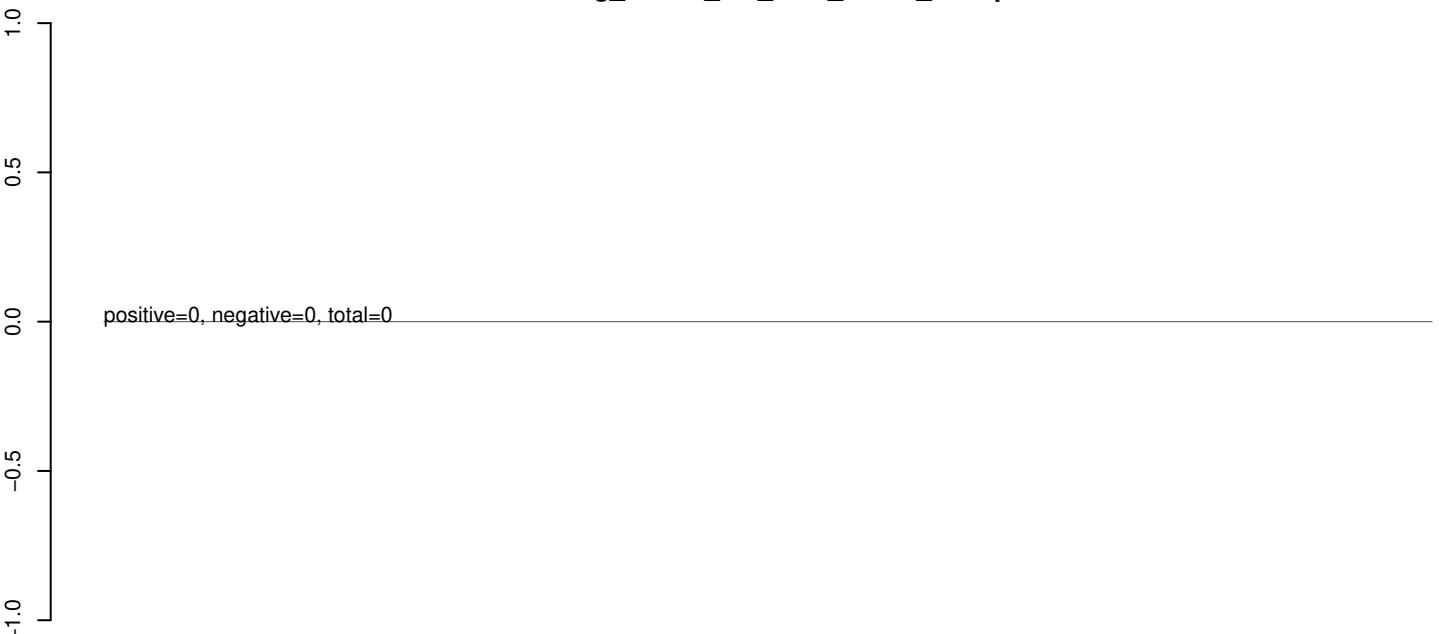
### AeAeg\_Whole\_sm\_r123\_JM.rep



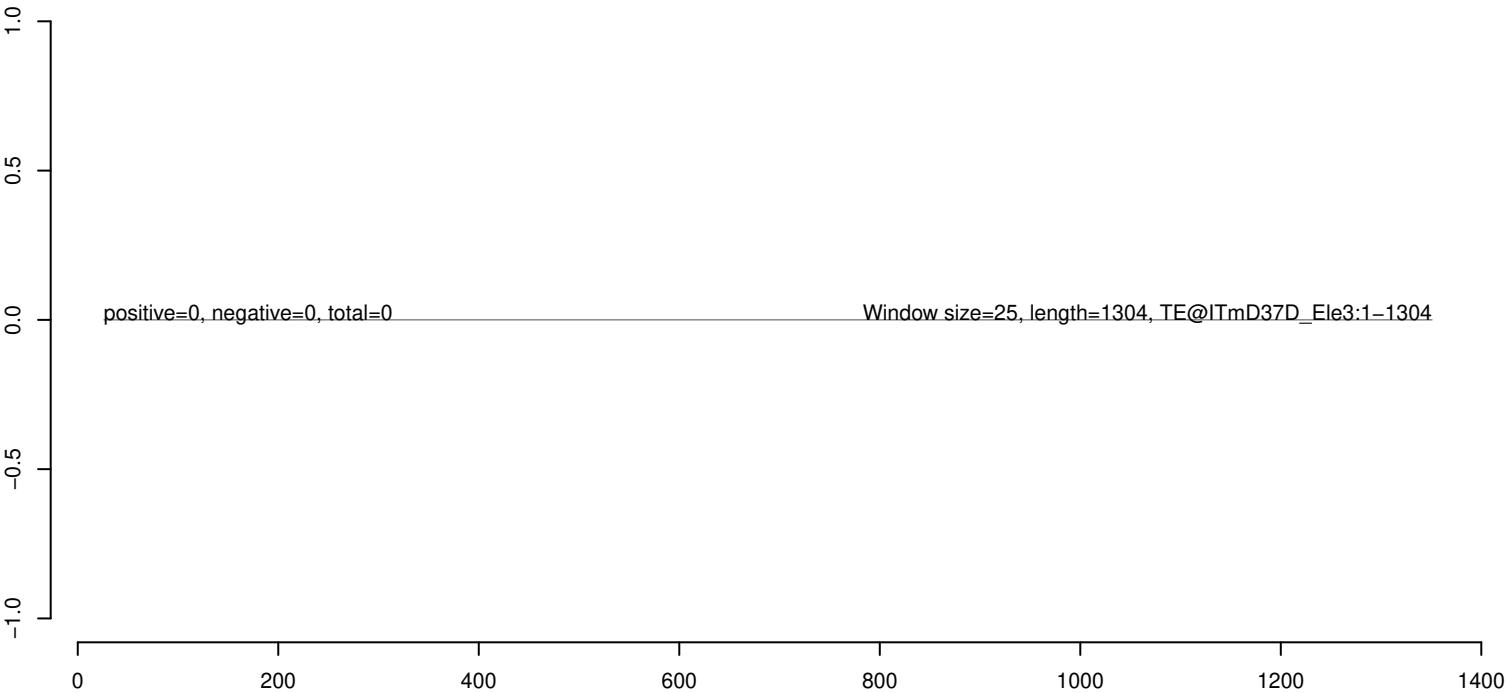
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



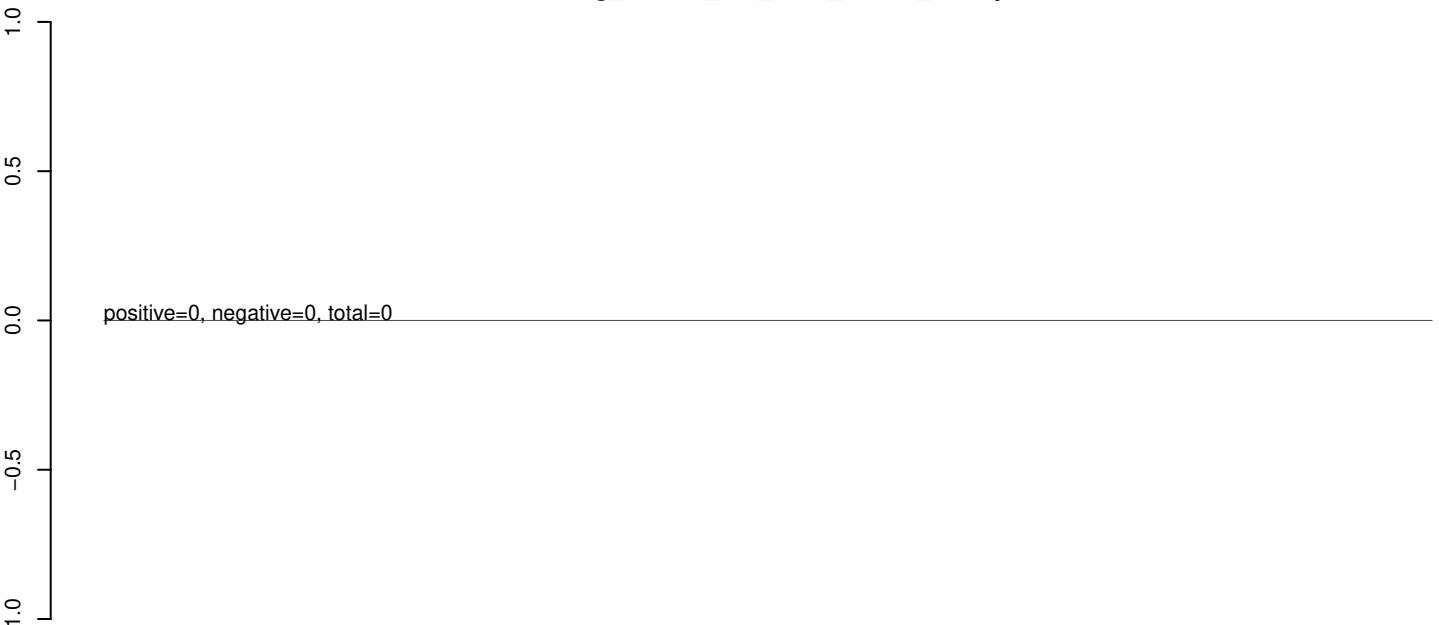
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



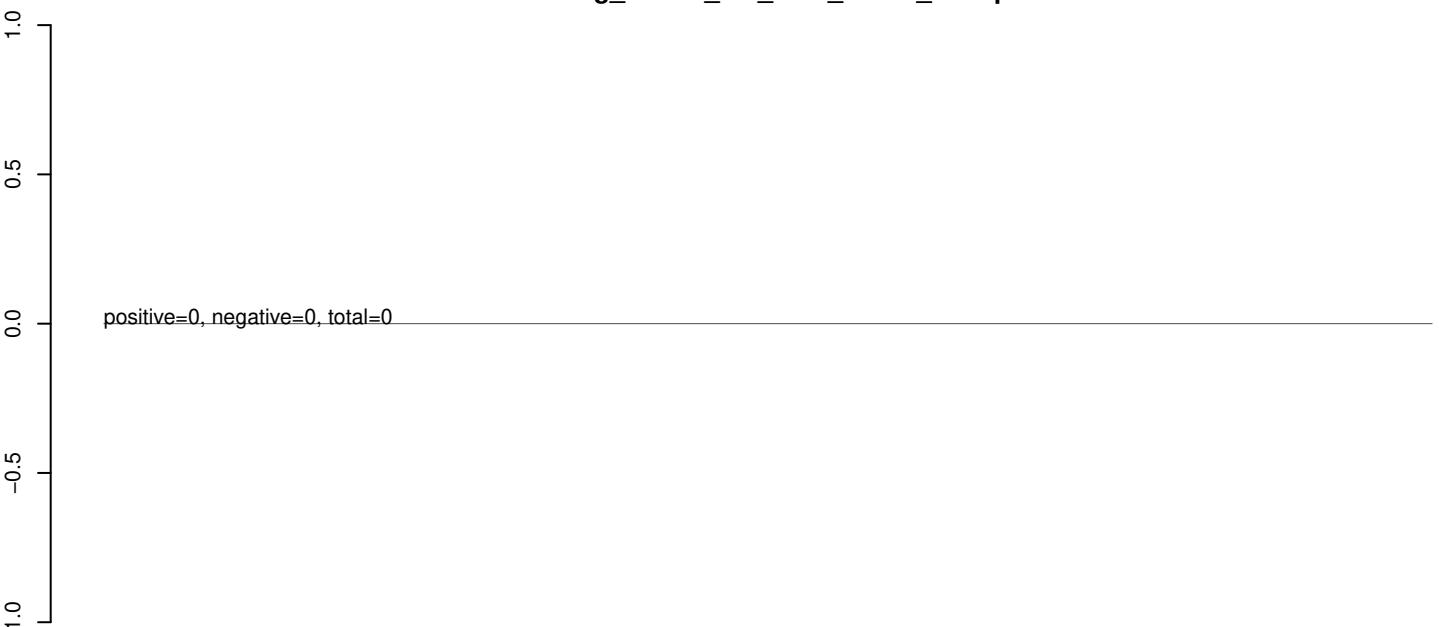
**AeAeg\_Whole\_sm\_r123\_JM.rep**



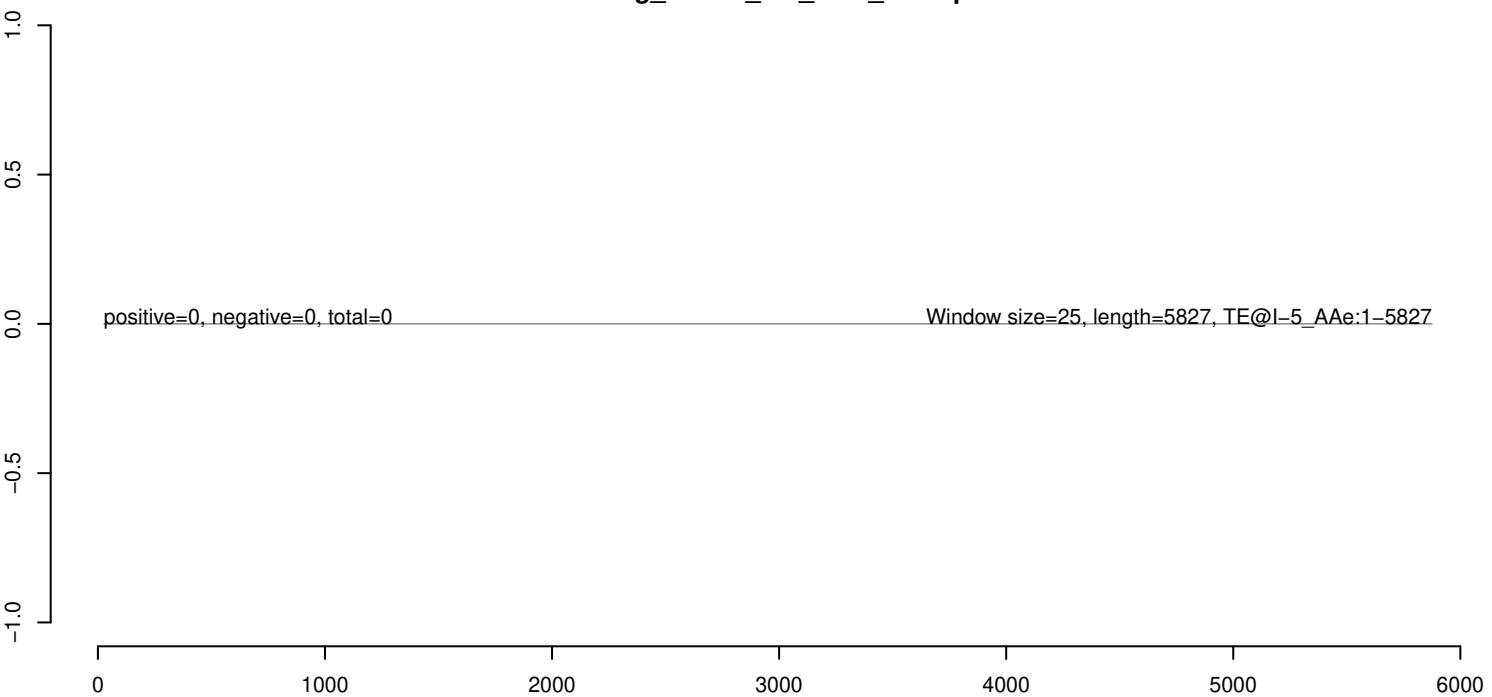
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=4554, TE@Gypsy-9\_AA-LTR-I:1-4554

0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

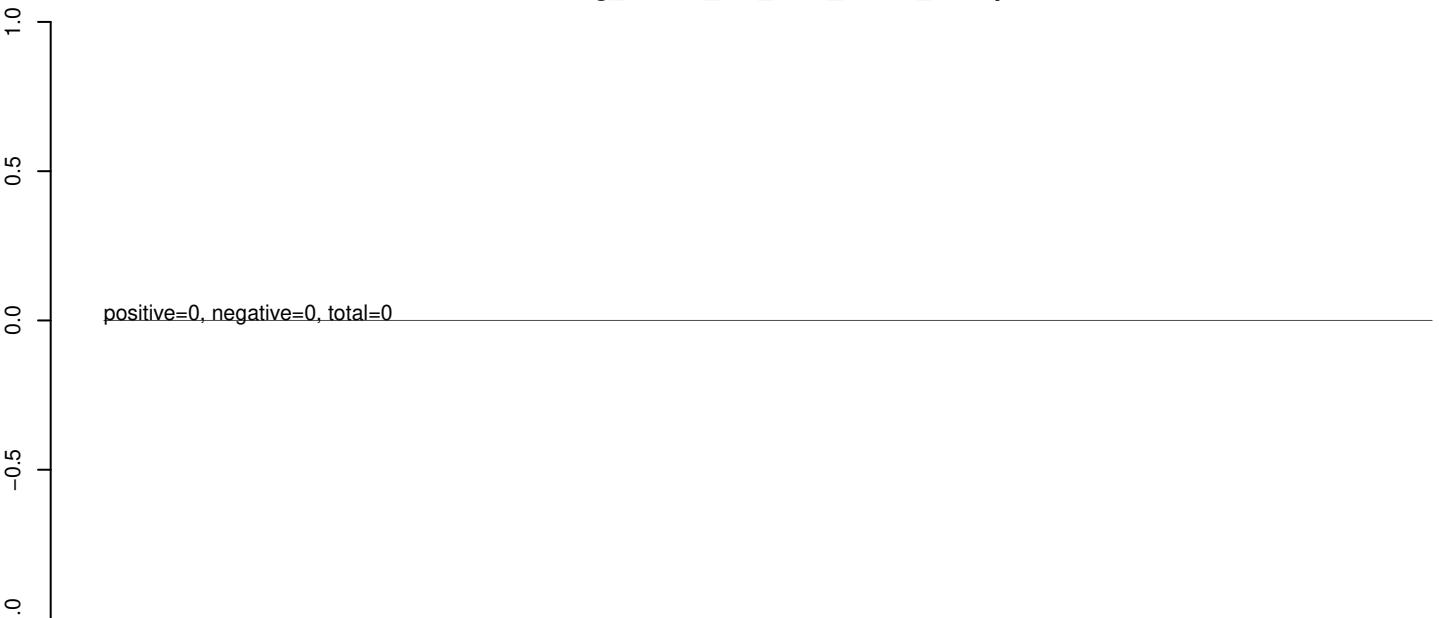
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

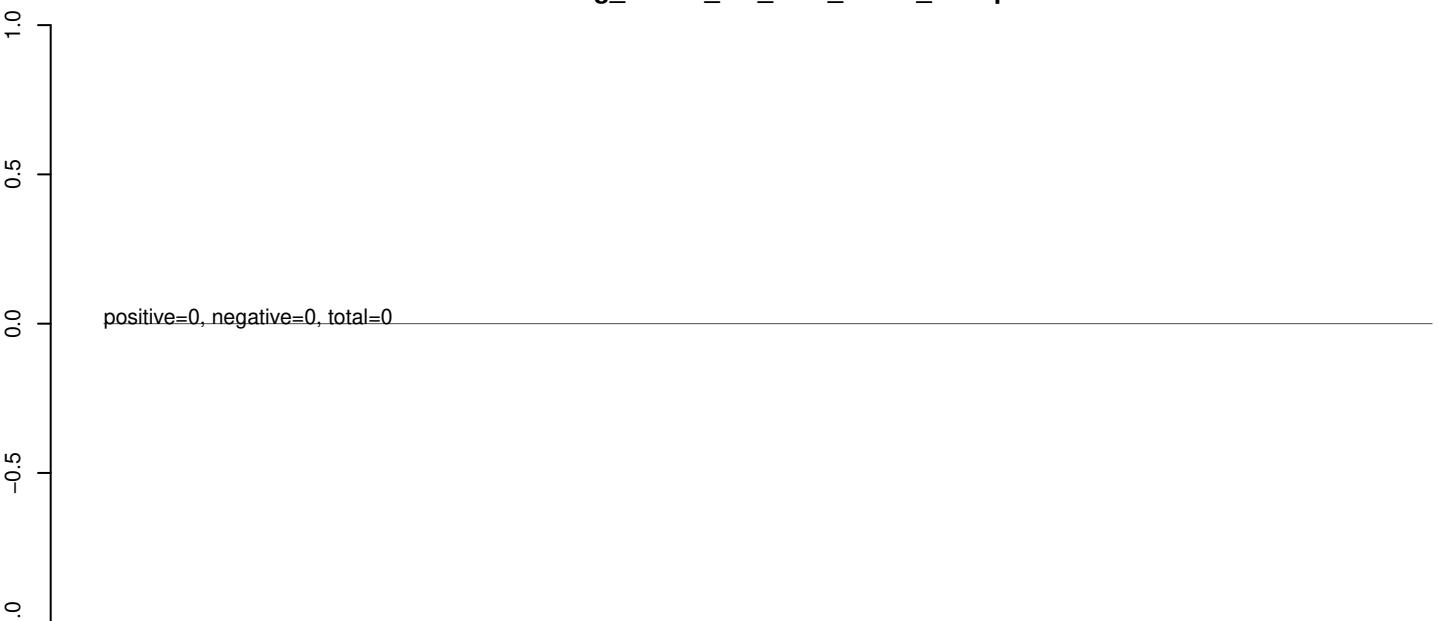
Window size=25, length=4580, TE@Gypsy-7\_AA-LTR-I:1-4580

0 1000 2000 3000 4000

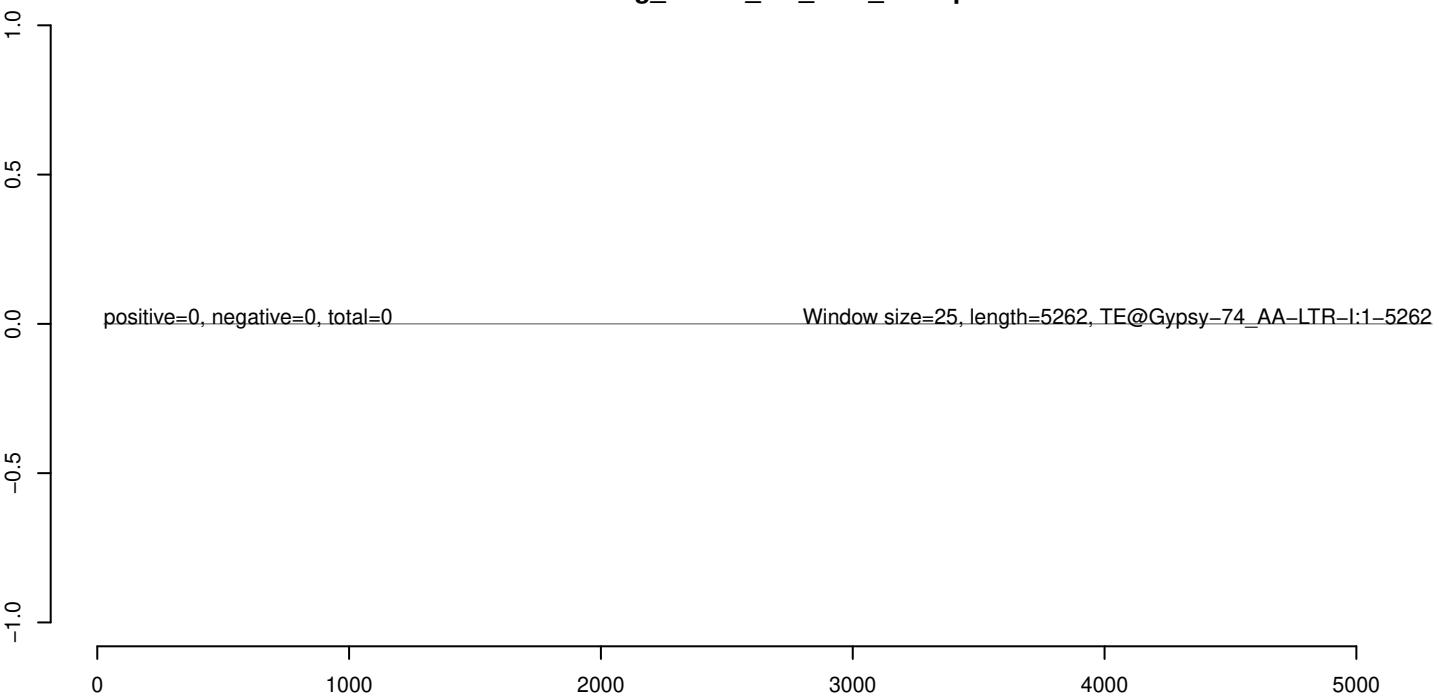
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



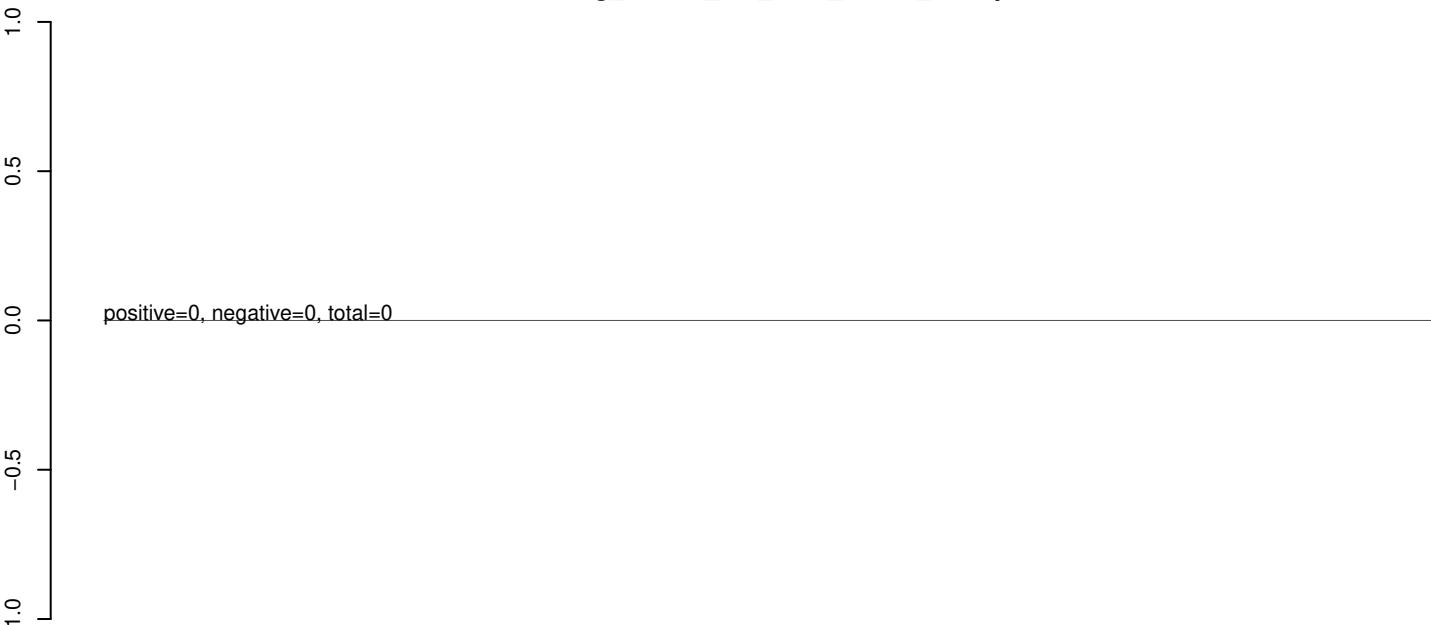
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



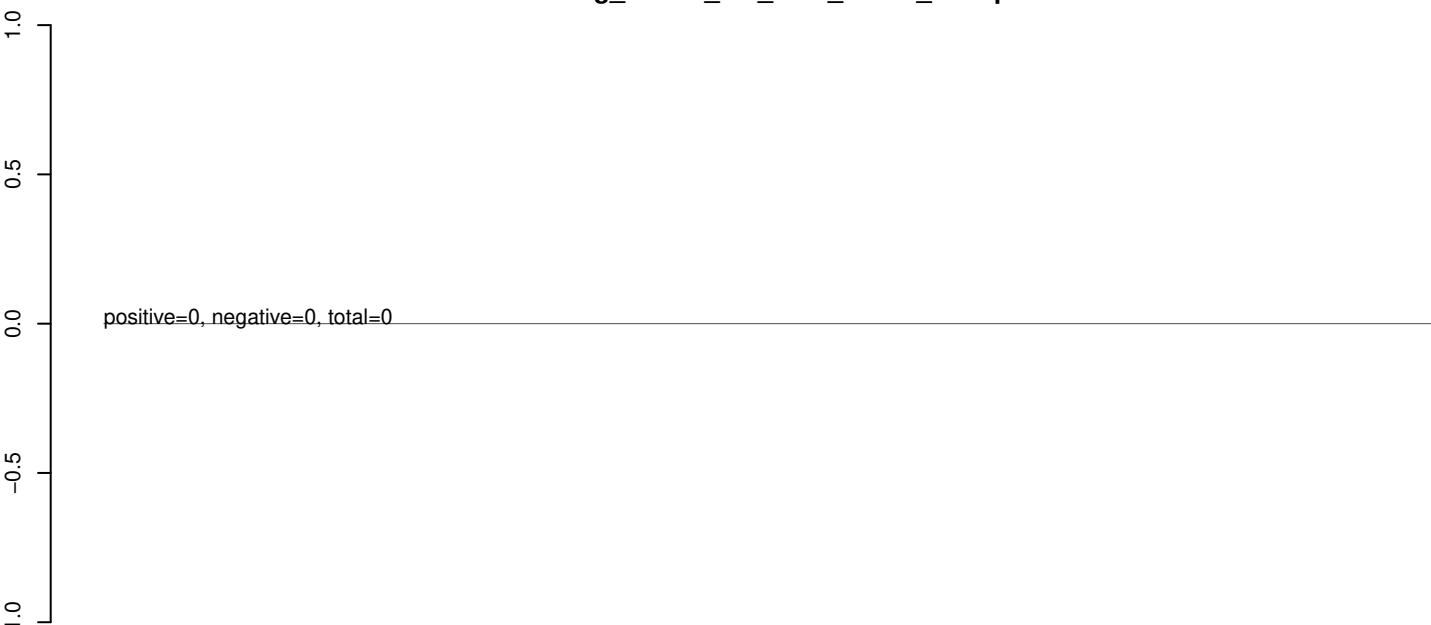
**AeAeg\_Whole\_sm\_r123\_JM.rep**



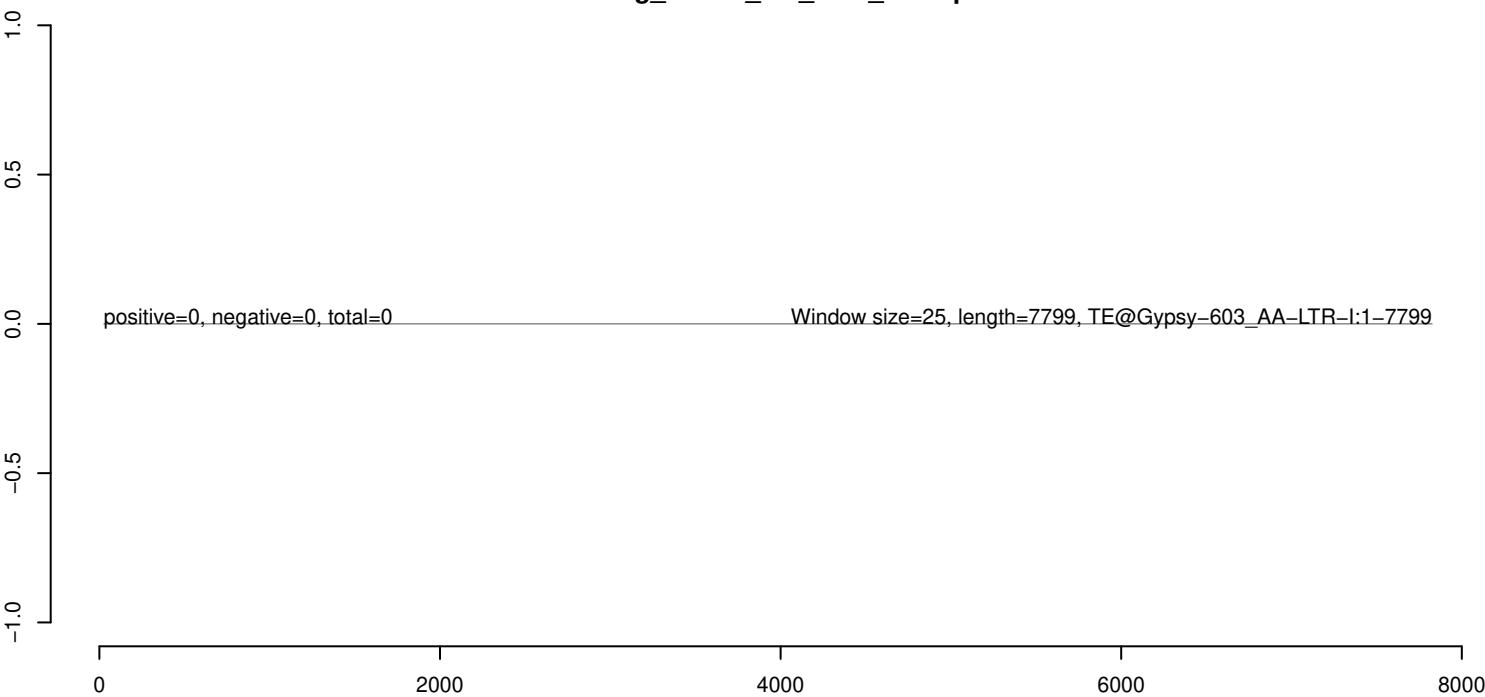
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



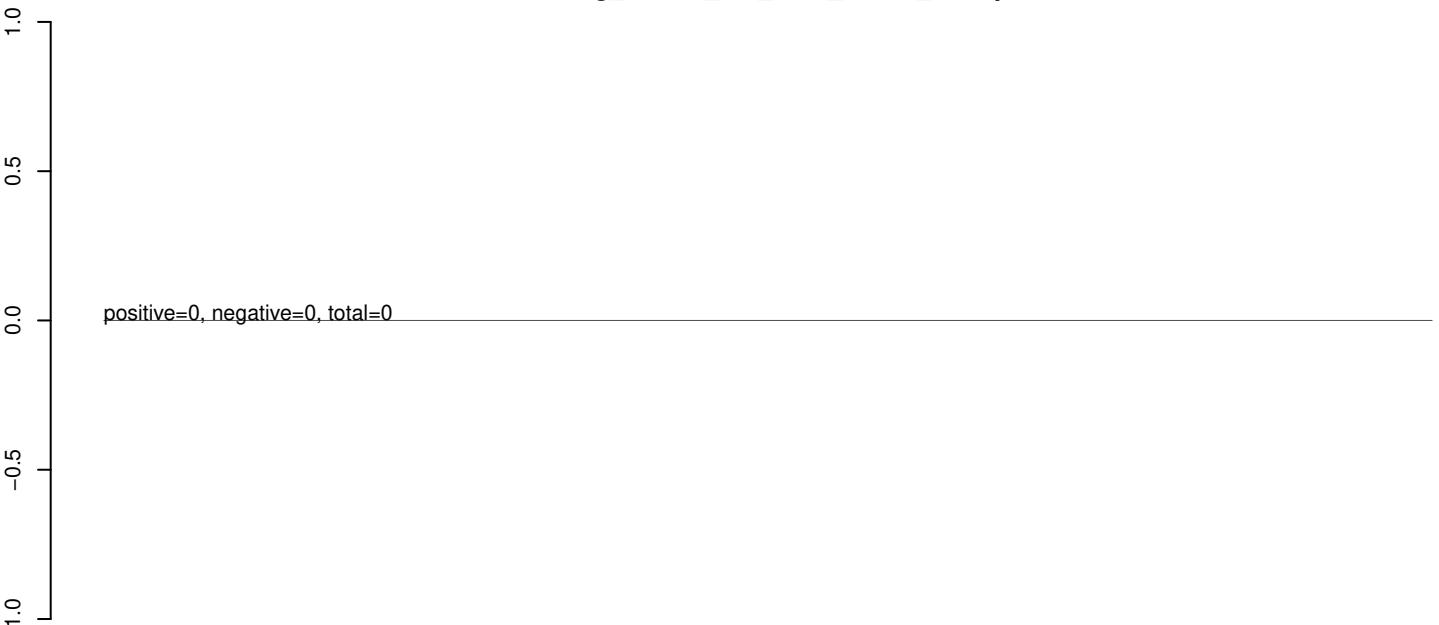
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



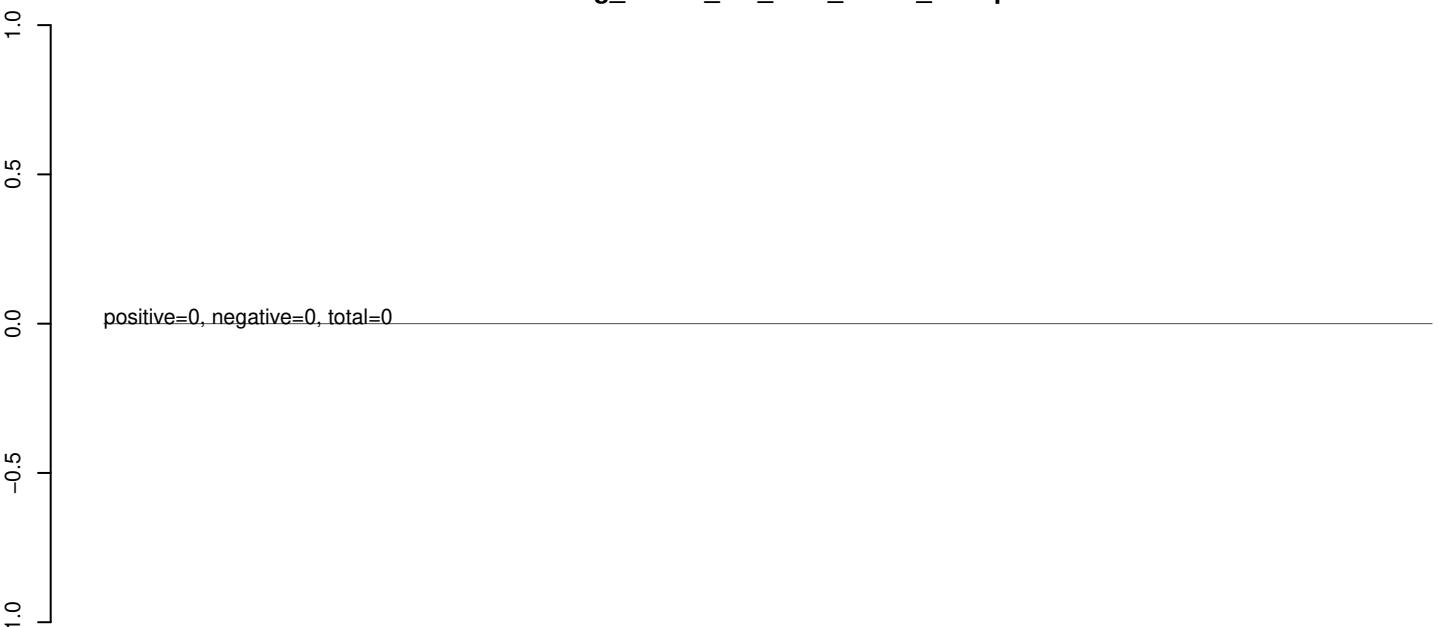
**AeAeg\_Whole\_sm\_r123\_JM.rep**



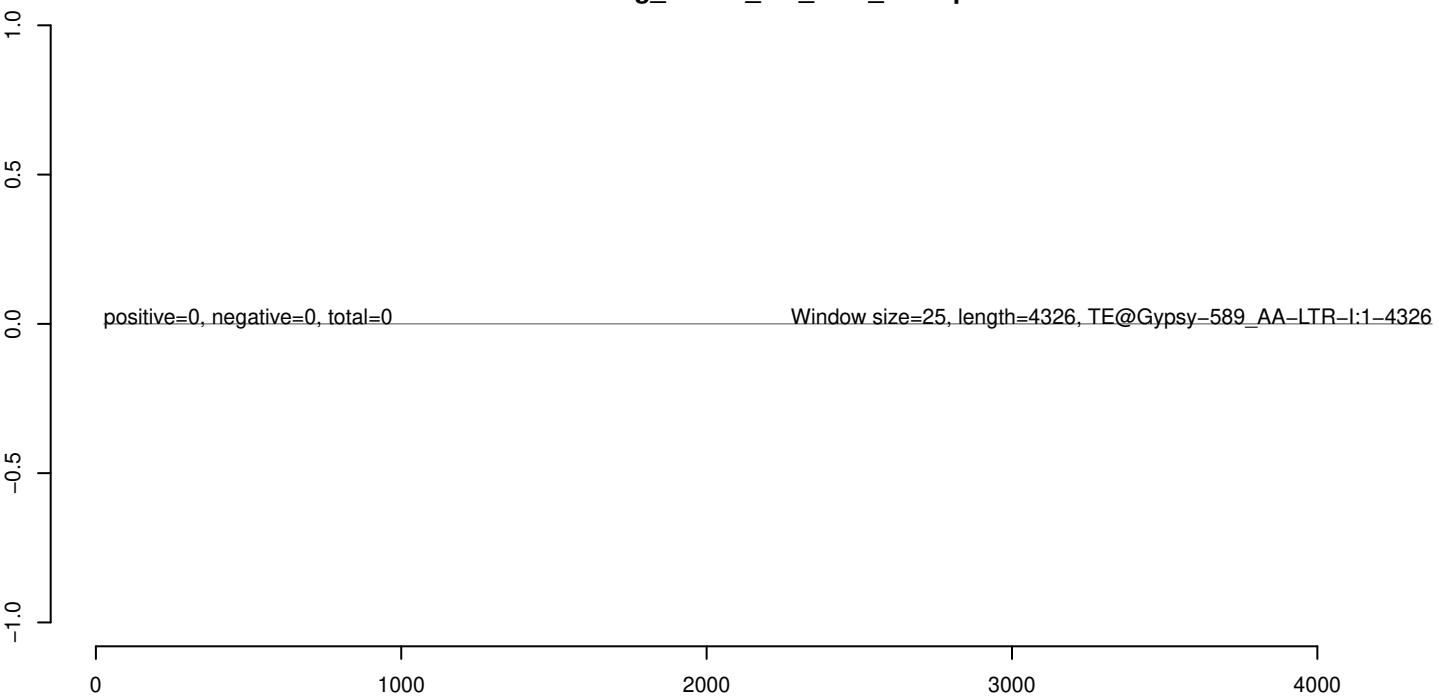
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

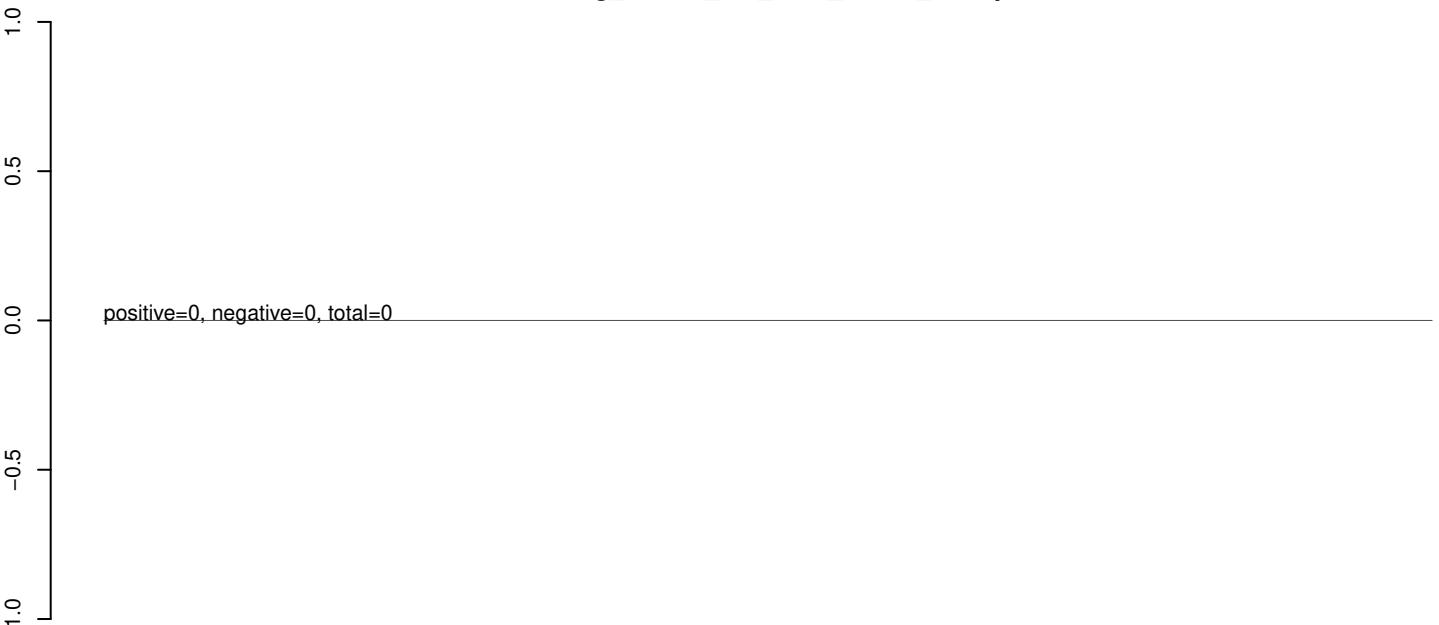
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

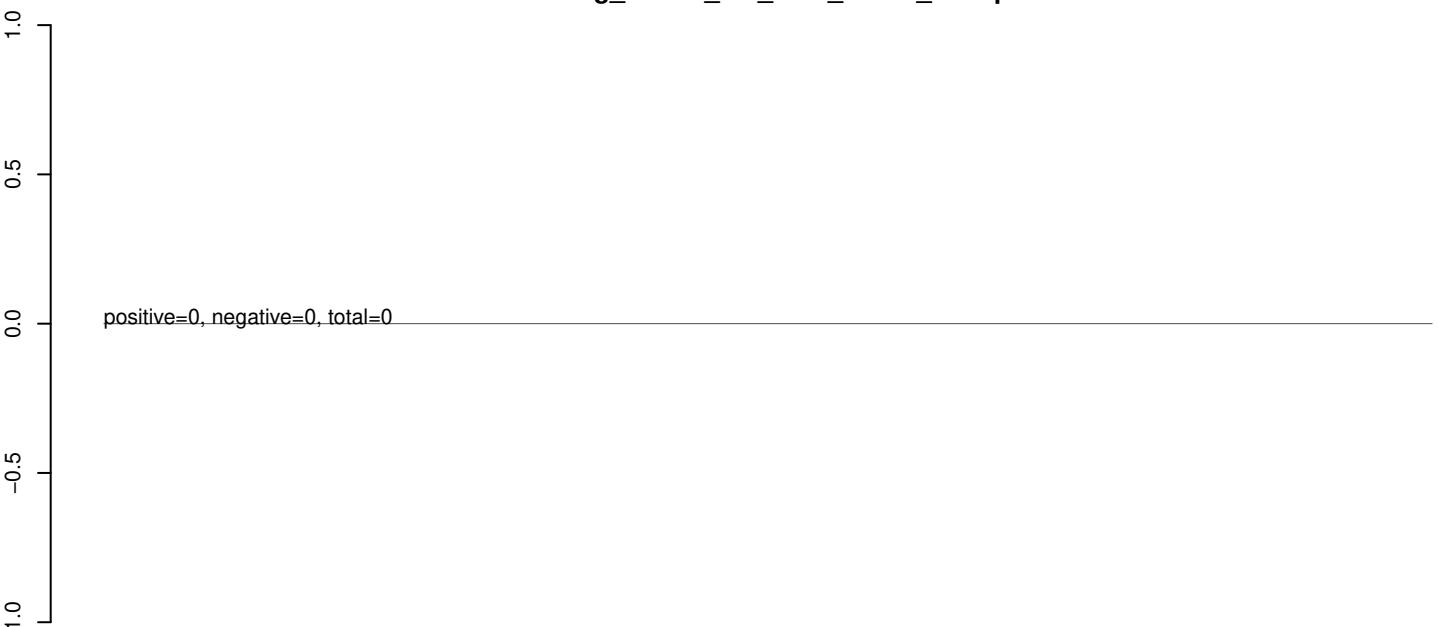
Window size=25, length=3834, TE@Gypsy-281\_AA-LTR-I:1-3834

0 1000 2000 3000 4000

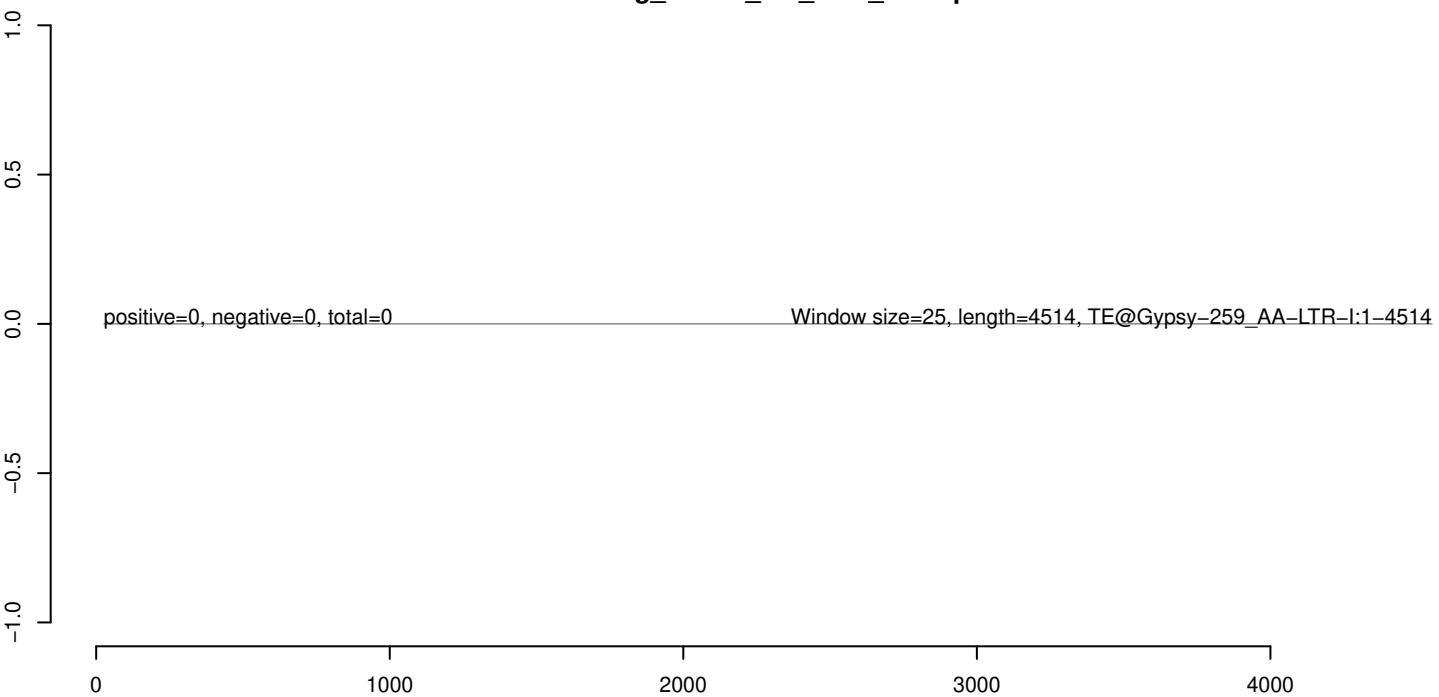
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=2780, TE@Gypsy-205\_AA-LTR-I:1-2780

0 500 1000 1500 2000 2500

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

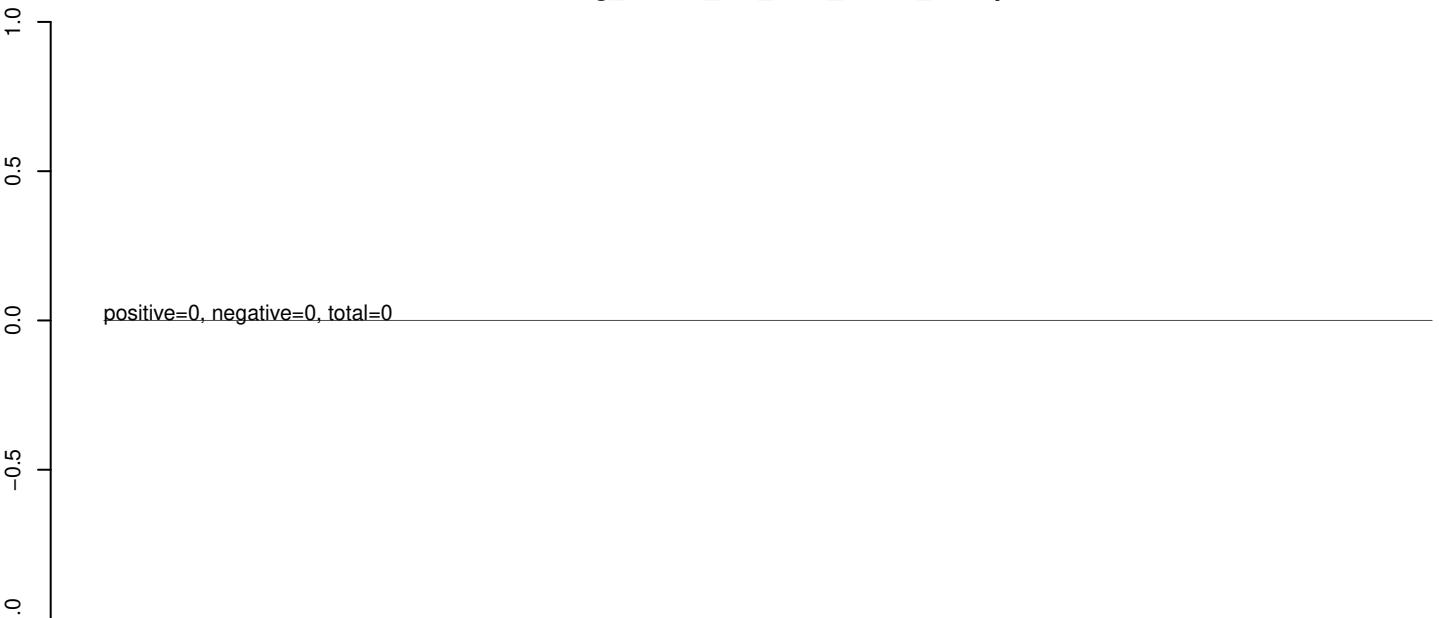
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

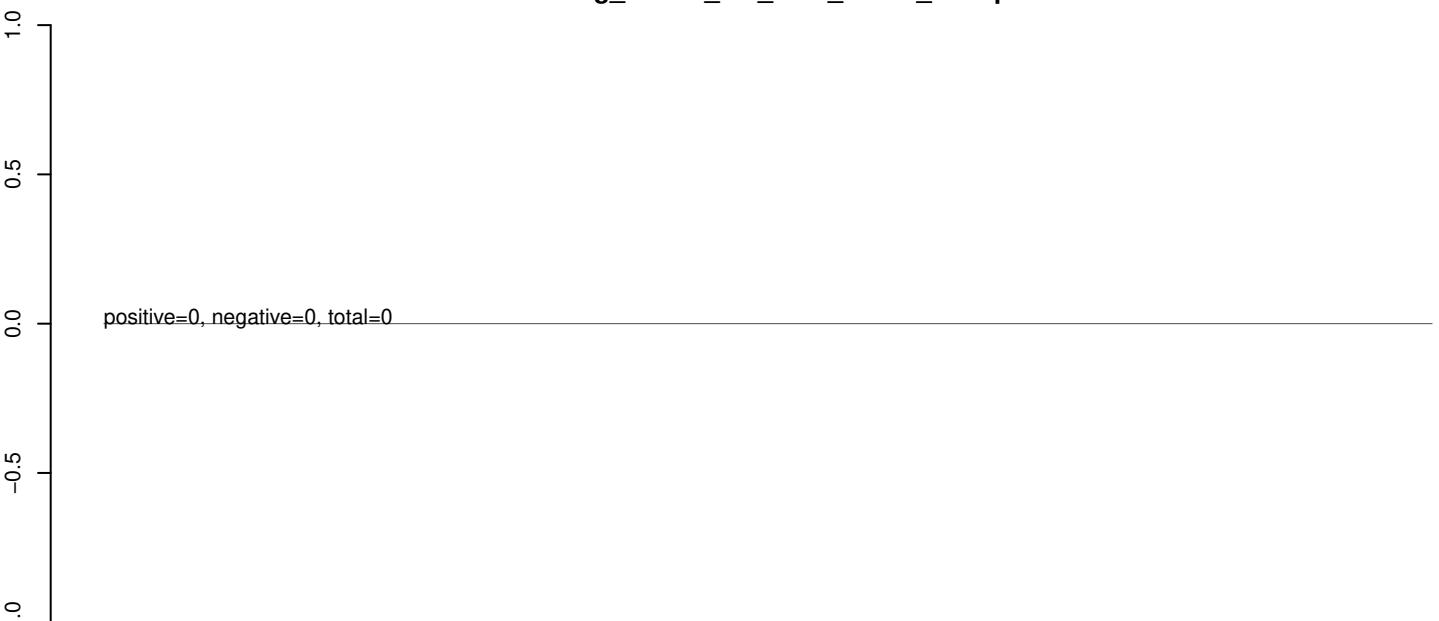
Window size=25, length=4044, TE@Gypsy-191\_AA-LTR-I:1-4044

0 1000 2000 3000 4000

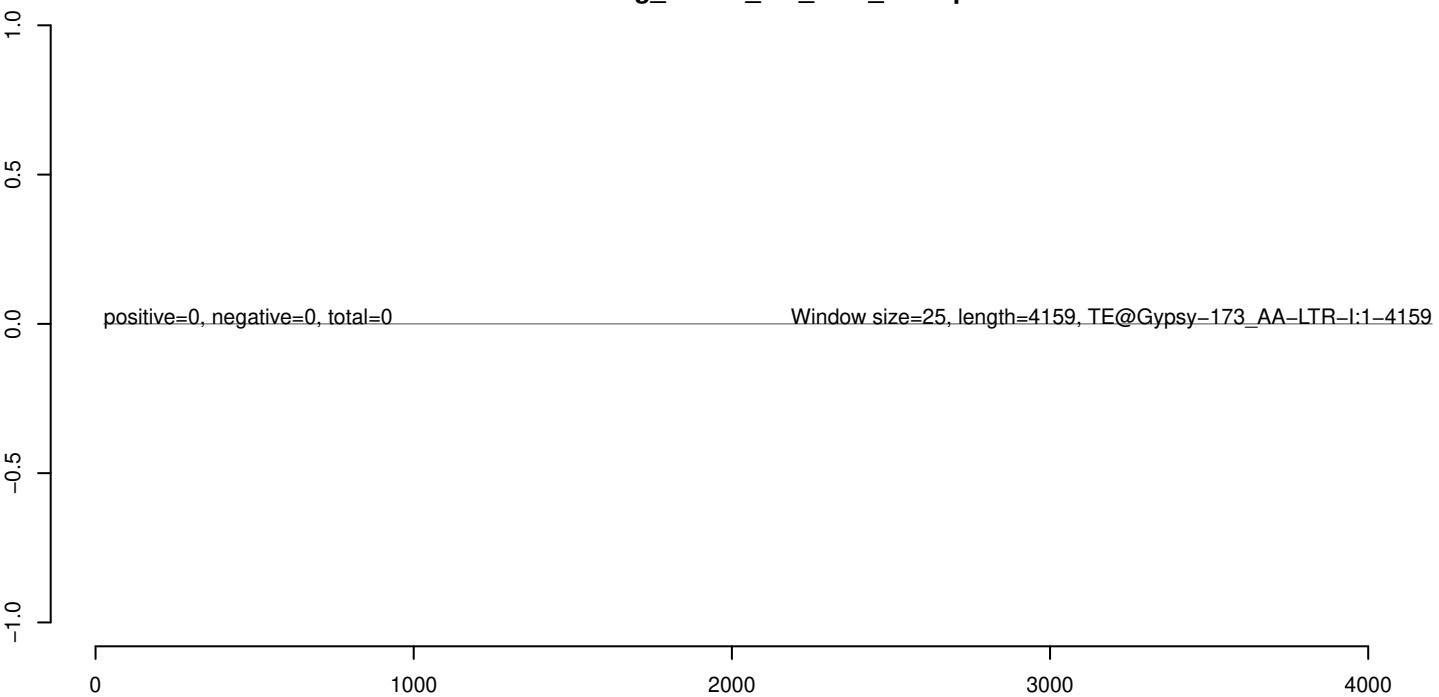
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

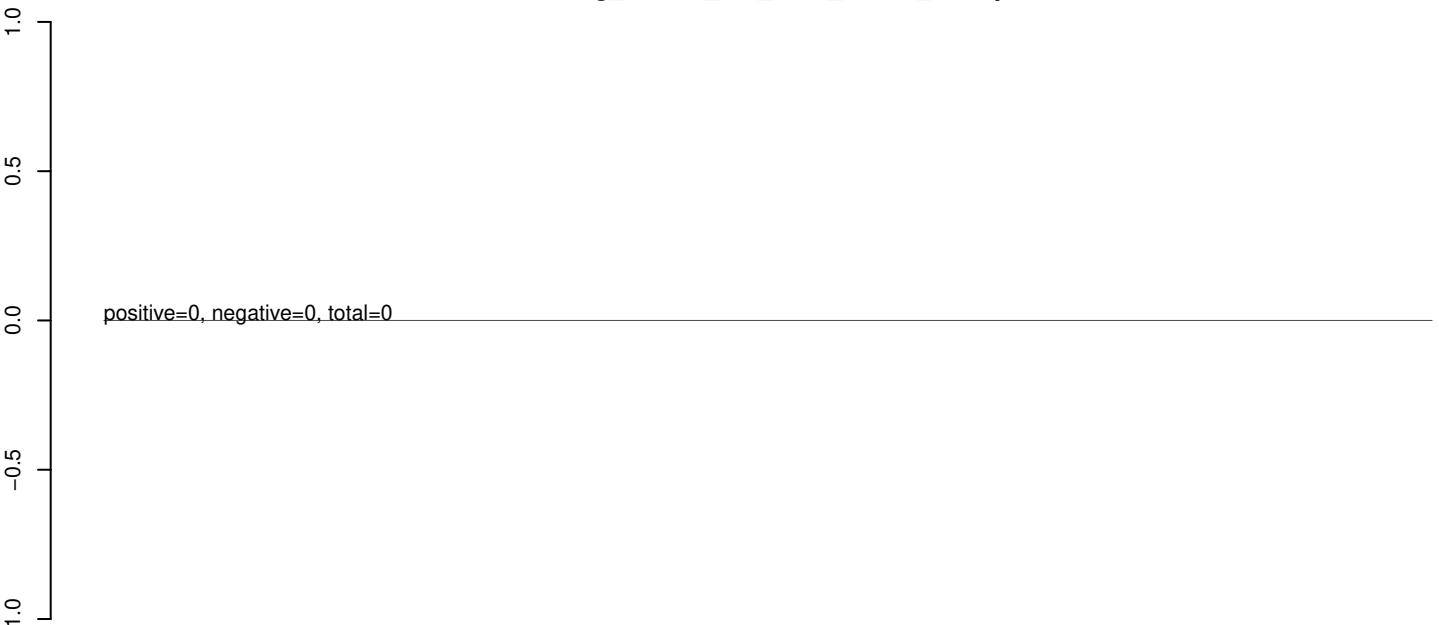


**AeAeg\_Whole\_sm\_r123\_JM.rep**

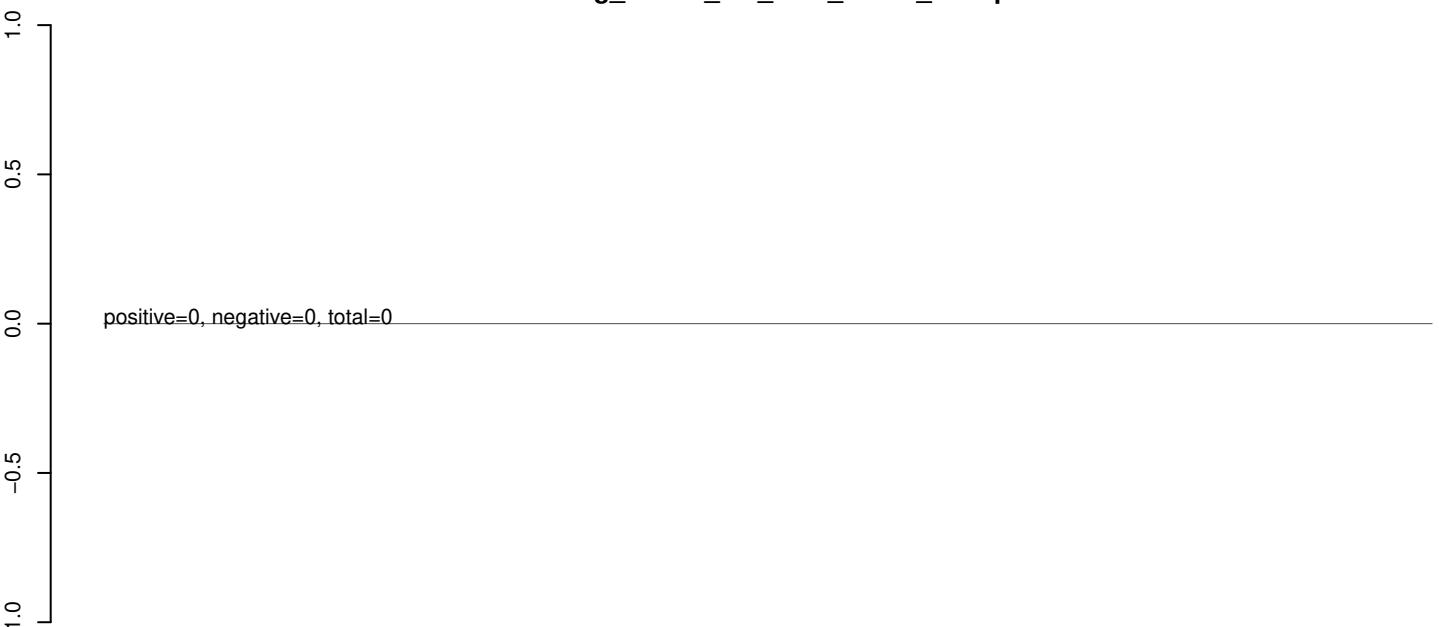


0 1000 2000 3000 4000

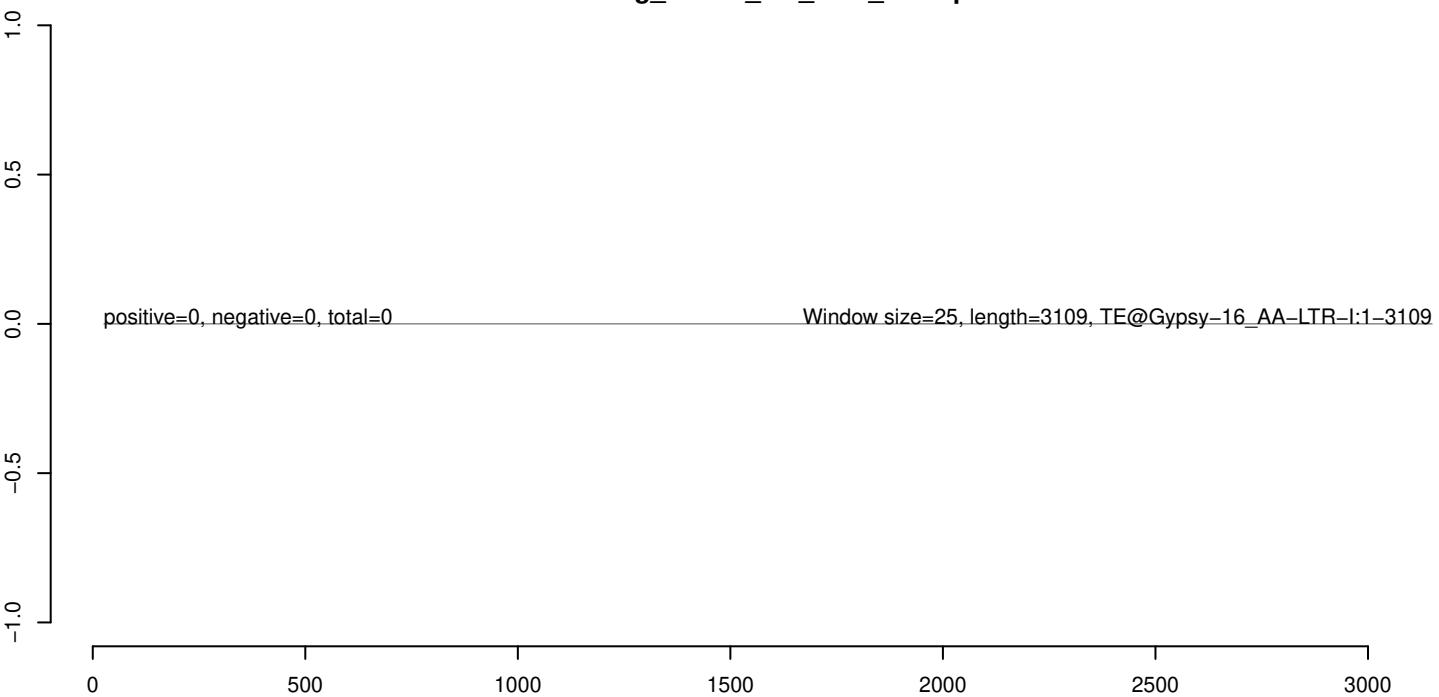
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



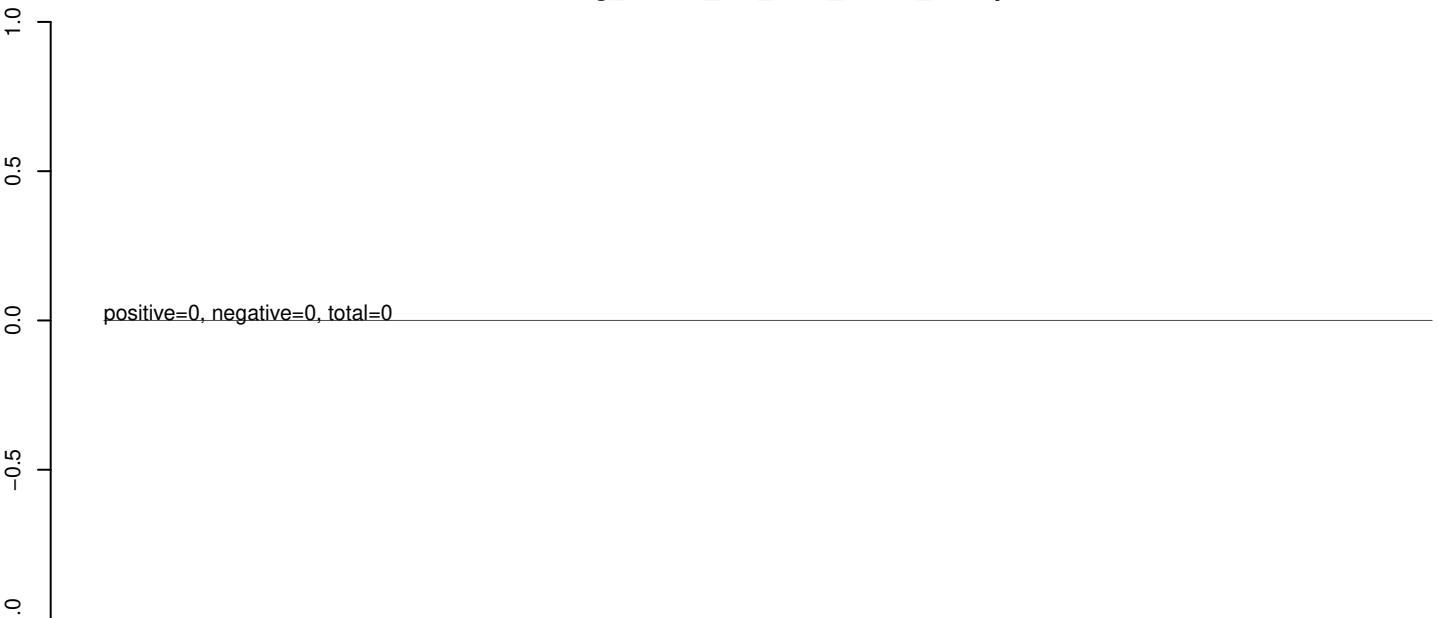
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



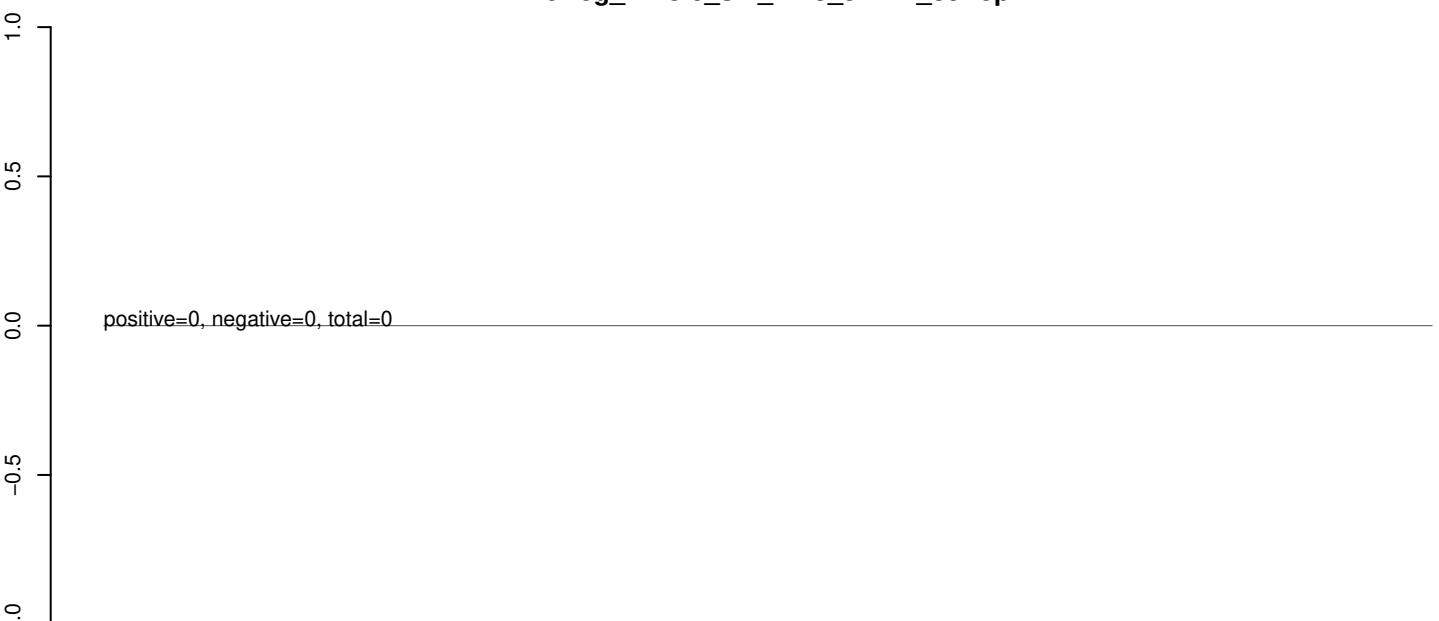
**AeAeg\_Whole\_sm\_r123\_JM.rep**



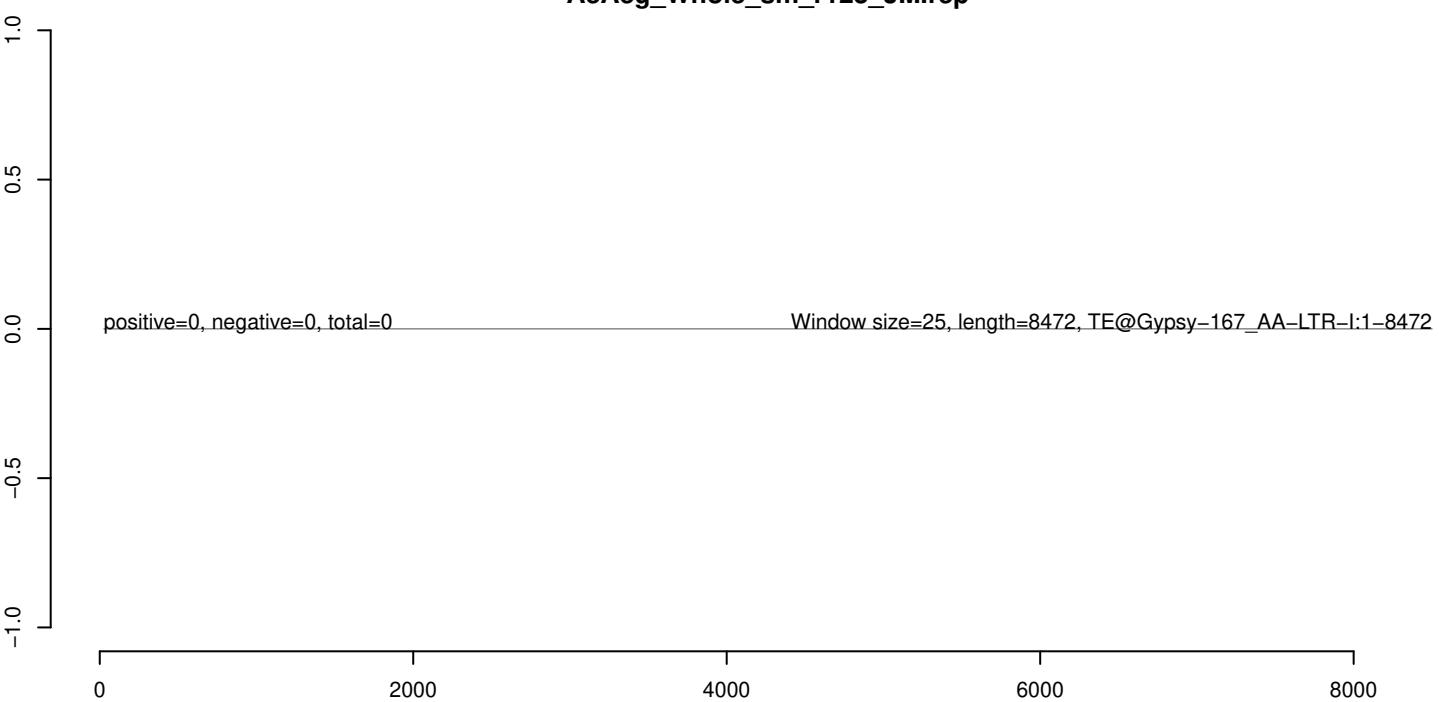
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=5056, TE@Gypsy-151\_AA-LTR-l:1-5056

0 1000 2000 3000 4000 5000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

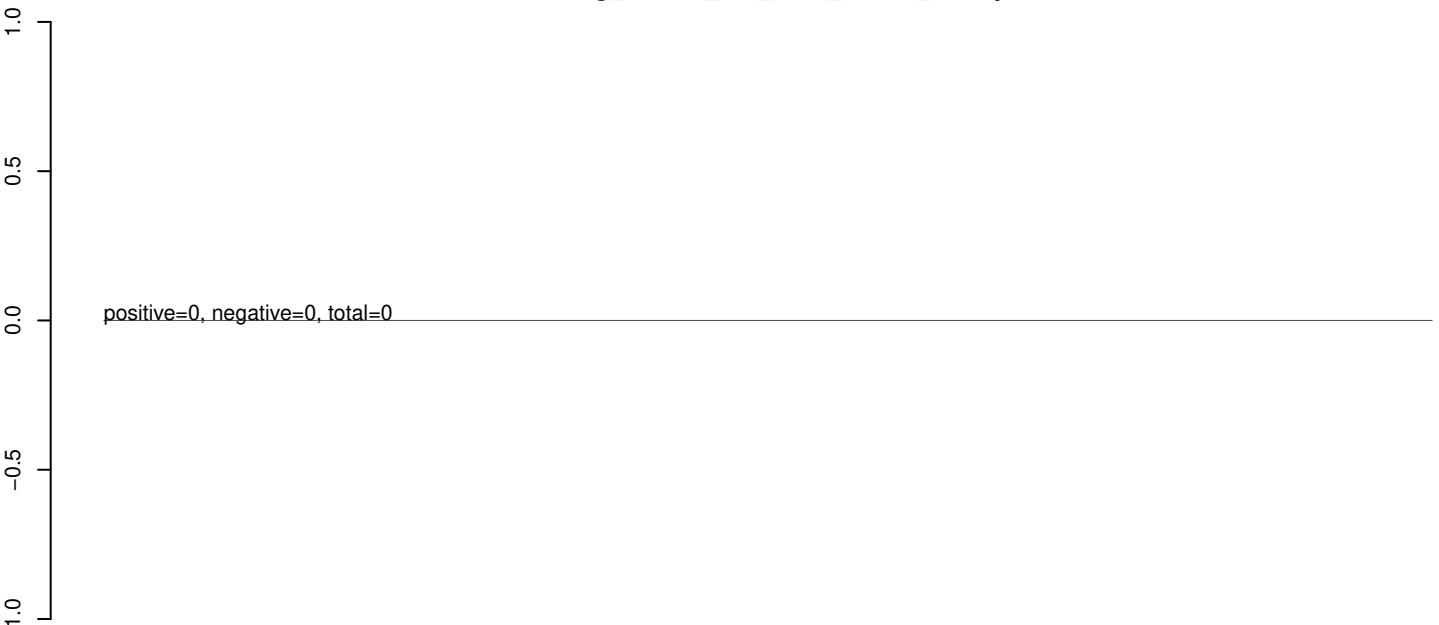
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

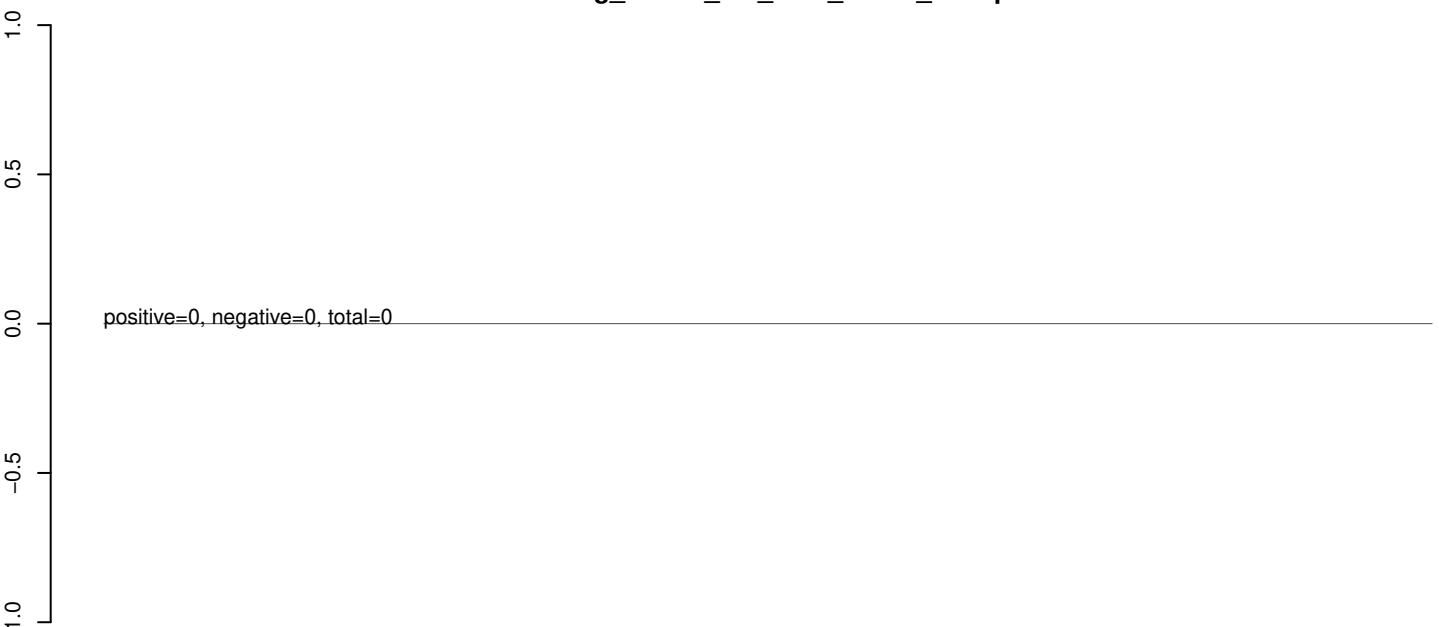
positive=0, negative=0, total=0

Window size=25, length=295, TE@Gypsy-118\_AA-LTR:1-295

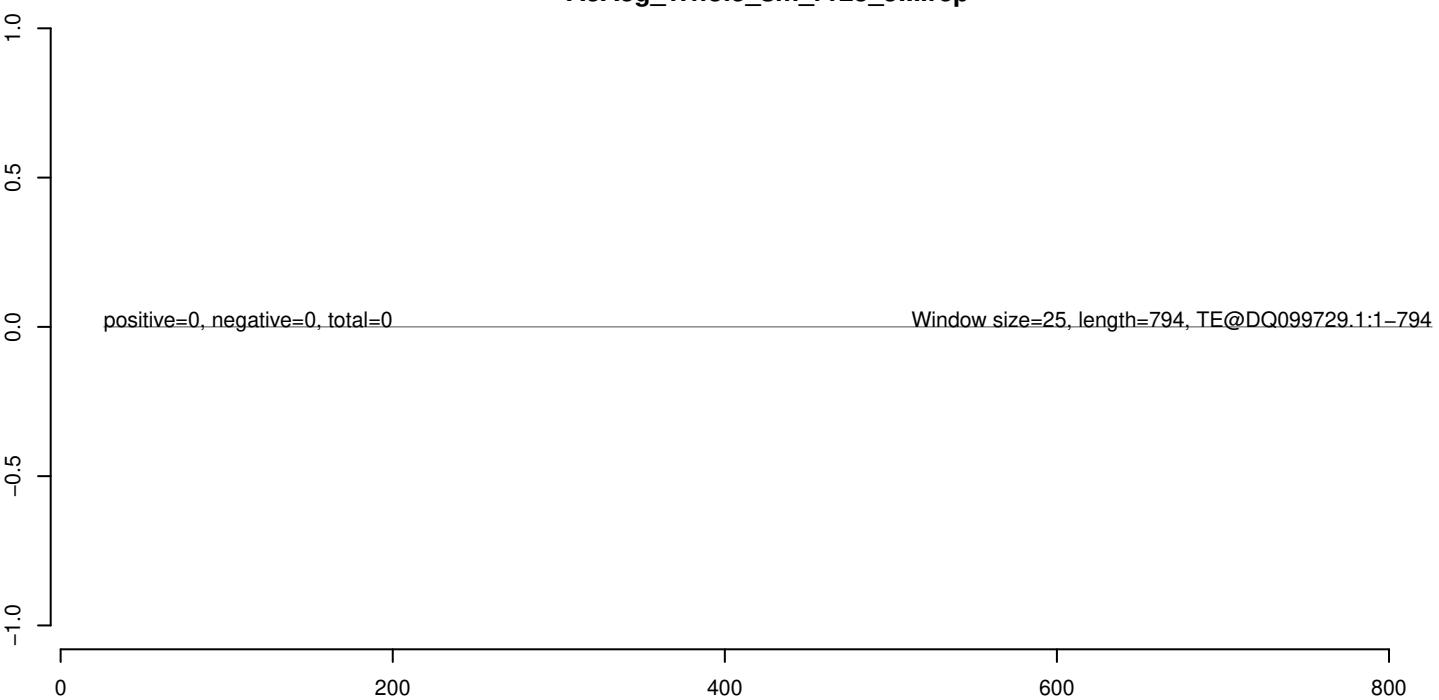
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



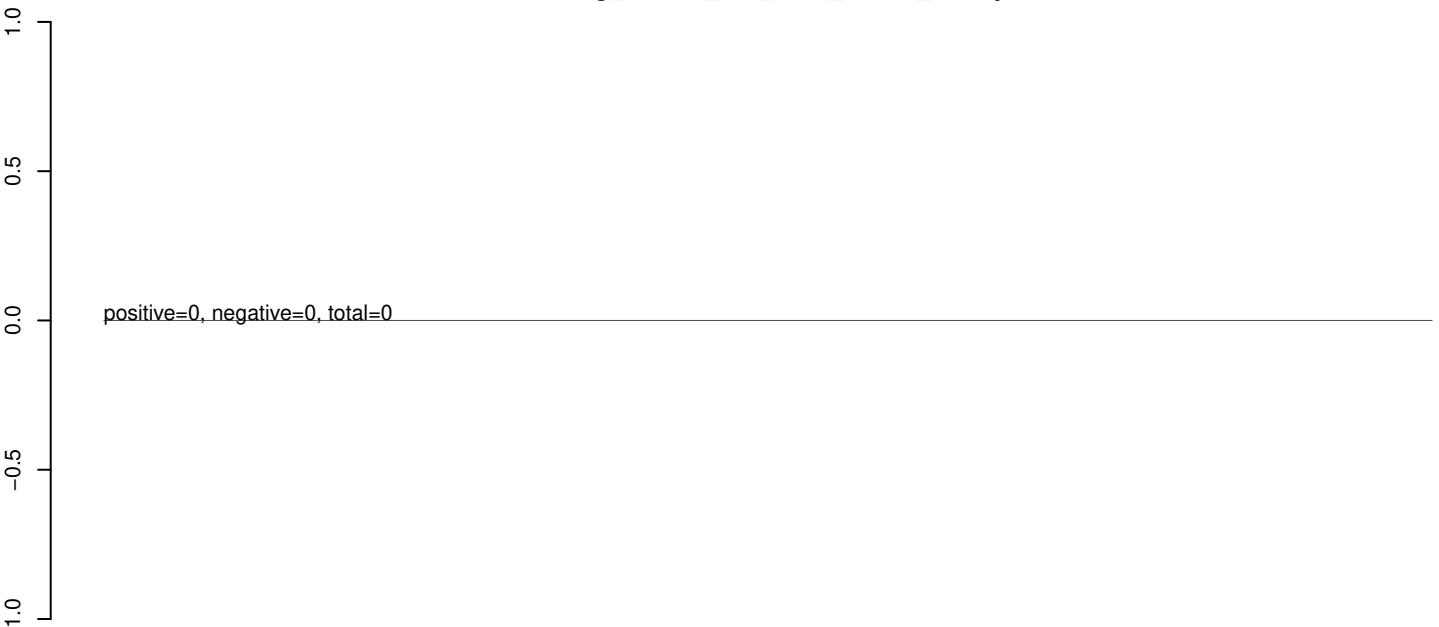
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



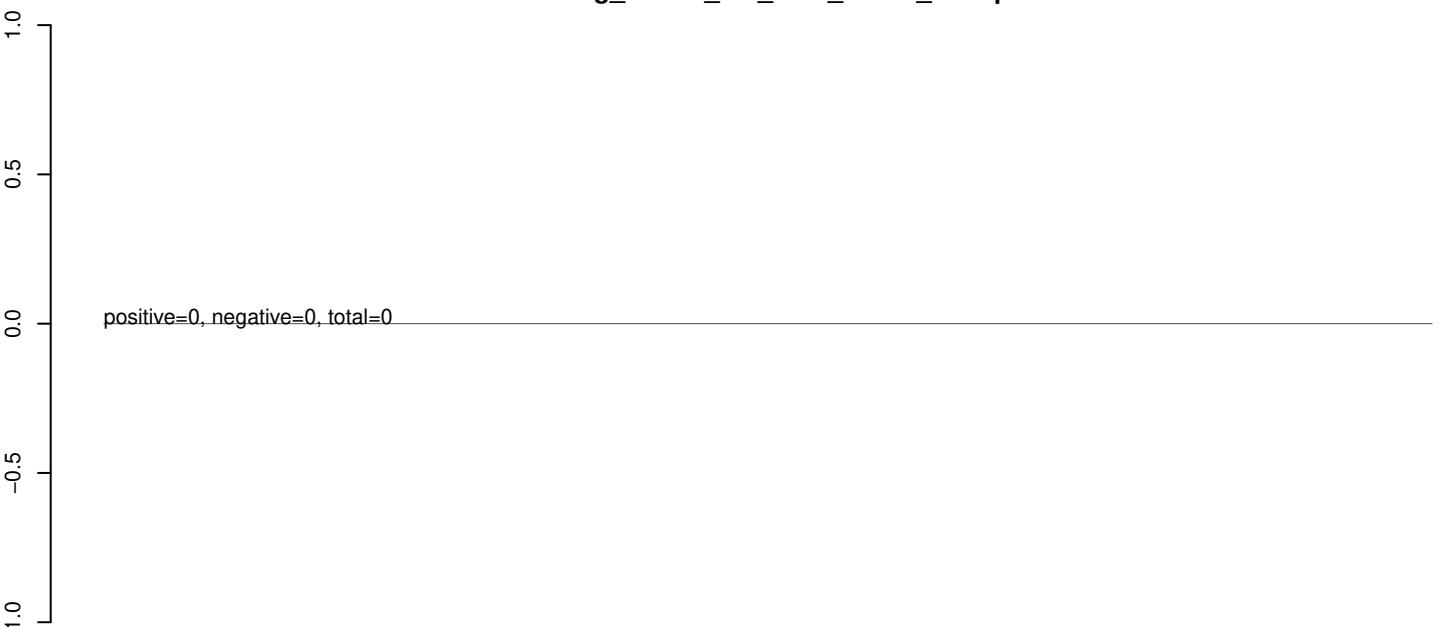
**AeAeg\_Whole\_sm\_r123\_JM.rep**



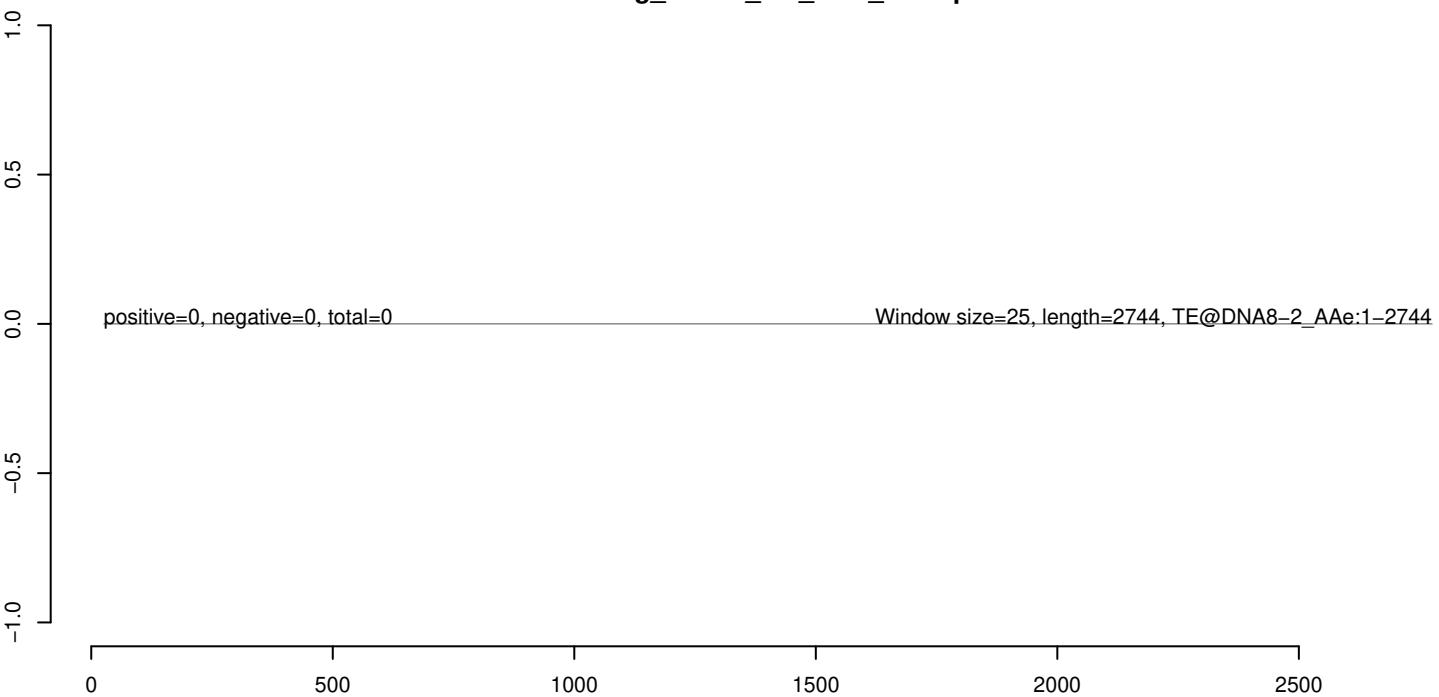
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



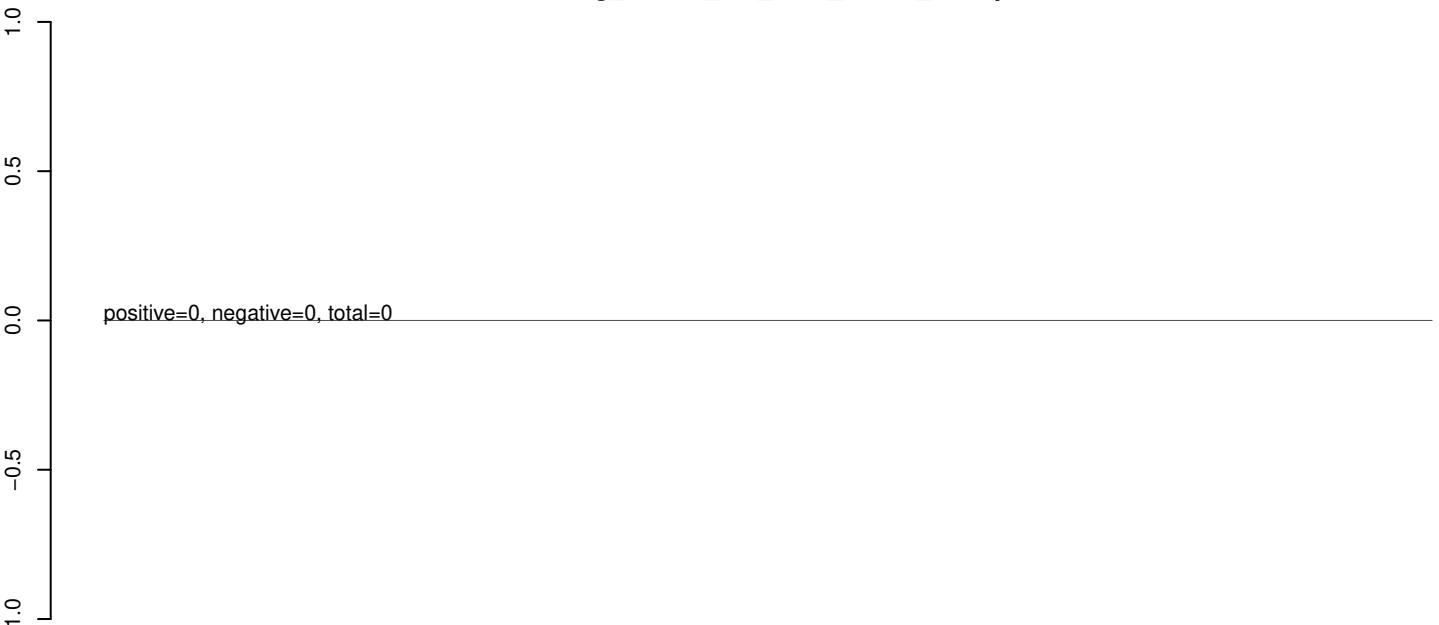
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



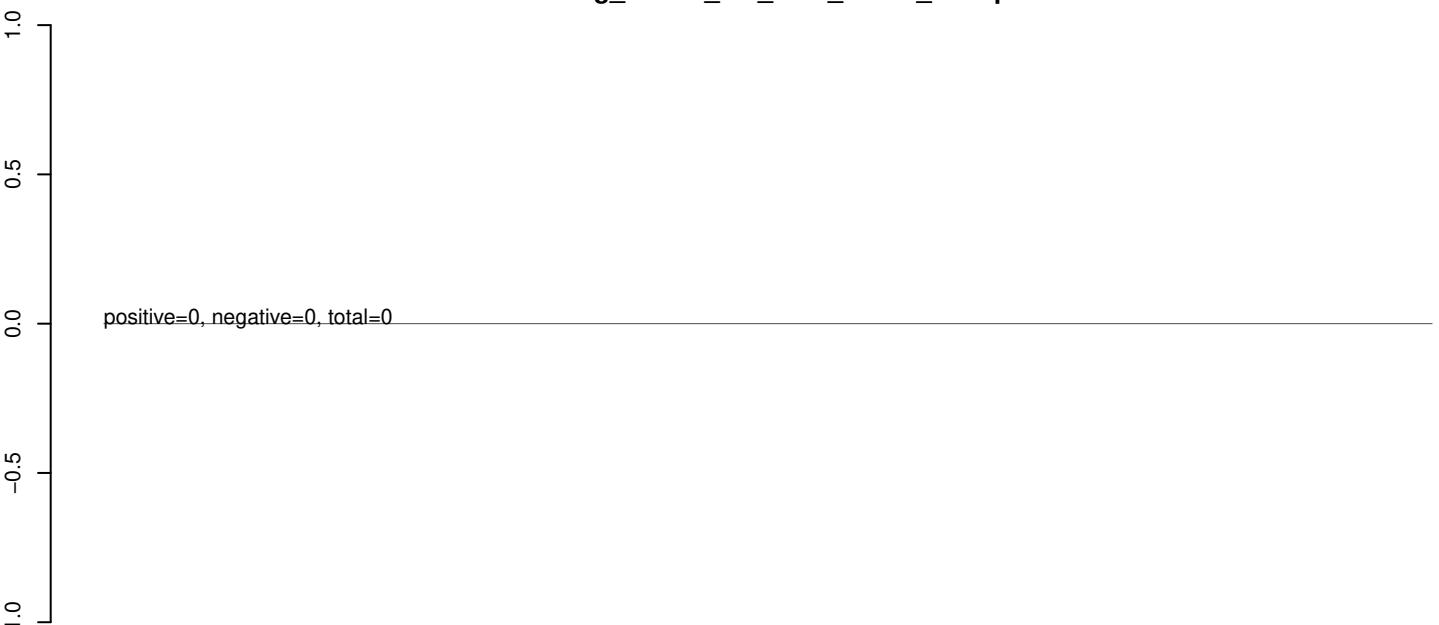
**AeAeg\_Whole\_sm\_r123\_JM.rep**



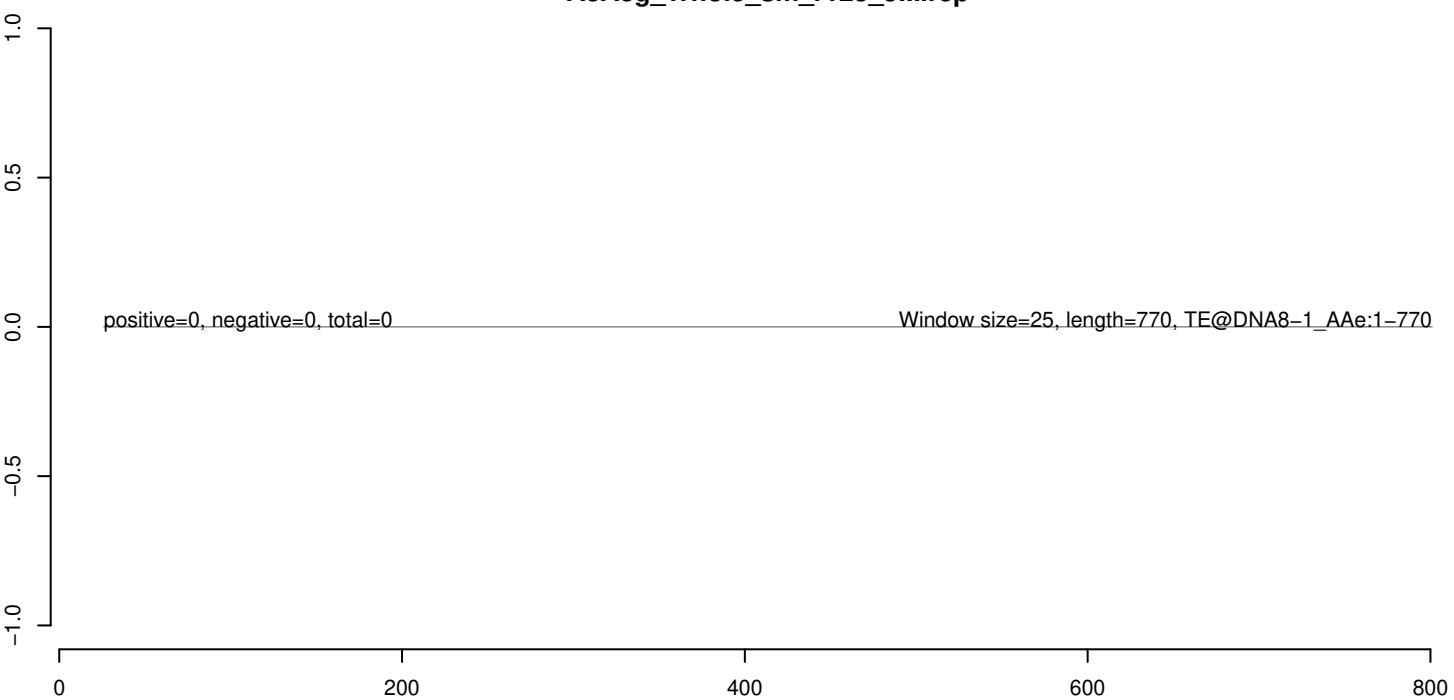
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=343, TE@DNA5-2\_AAe:1-343

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

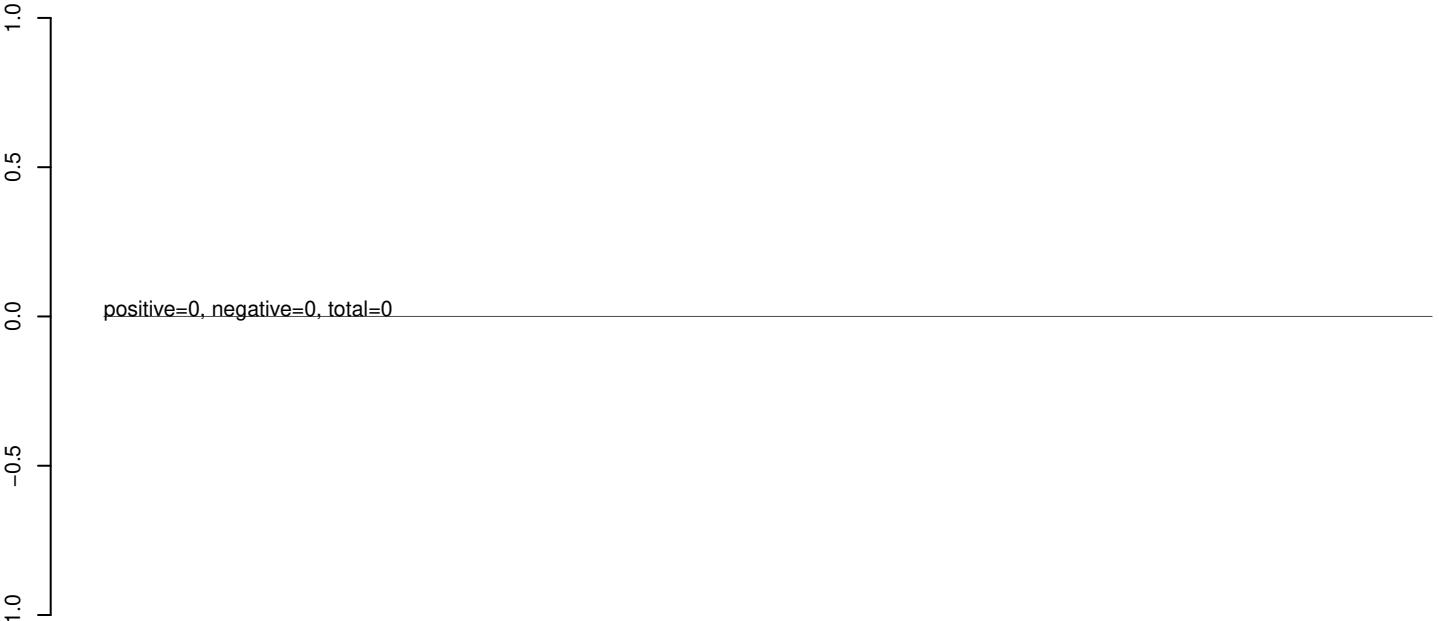
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

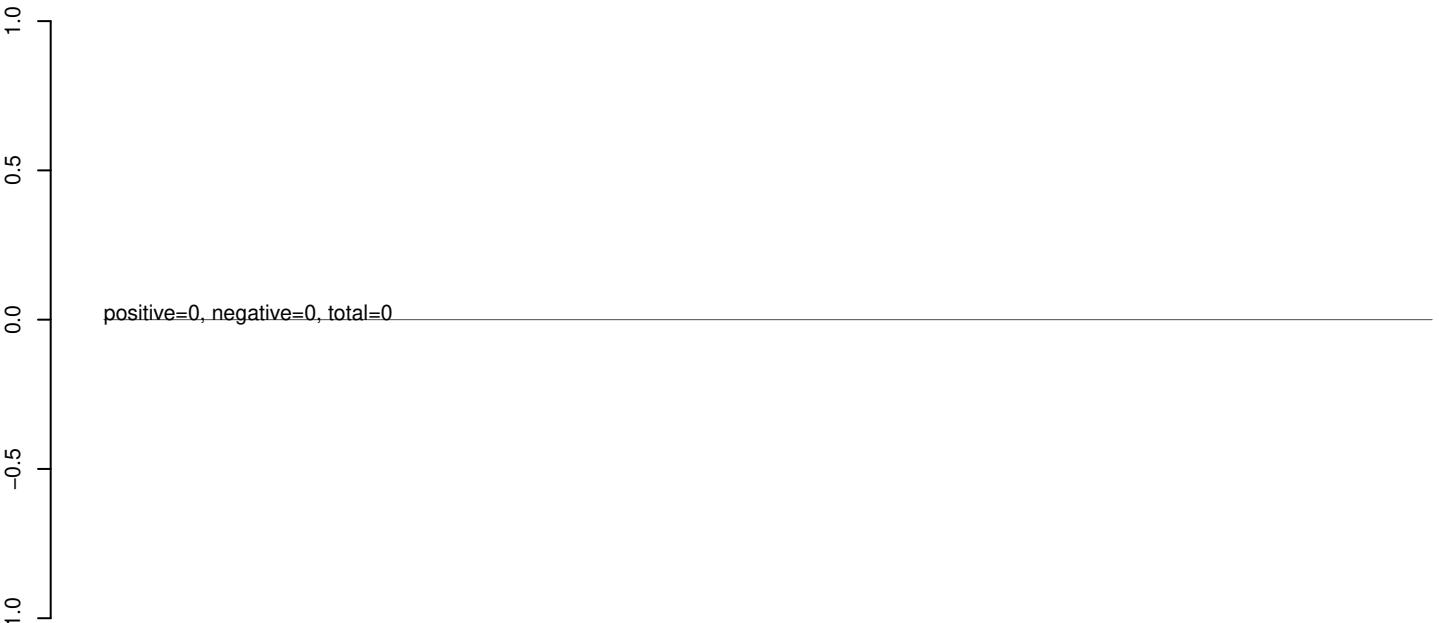
Window size=25, length=3296, TE@DNA3-1\_AAe:1-3296

0 500 1000 1500 2000 2500 3000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



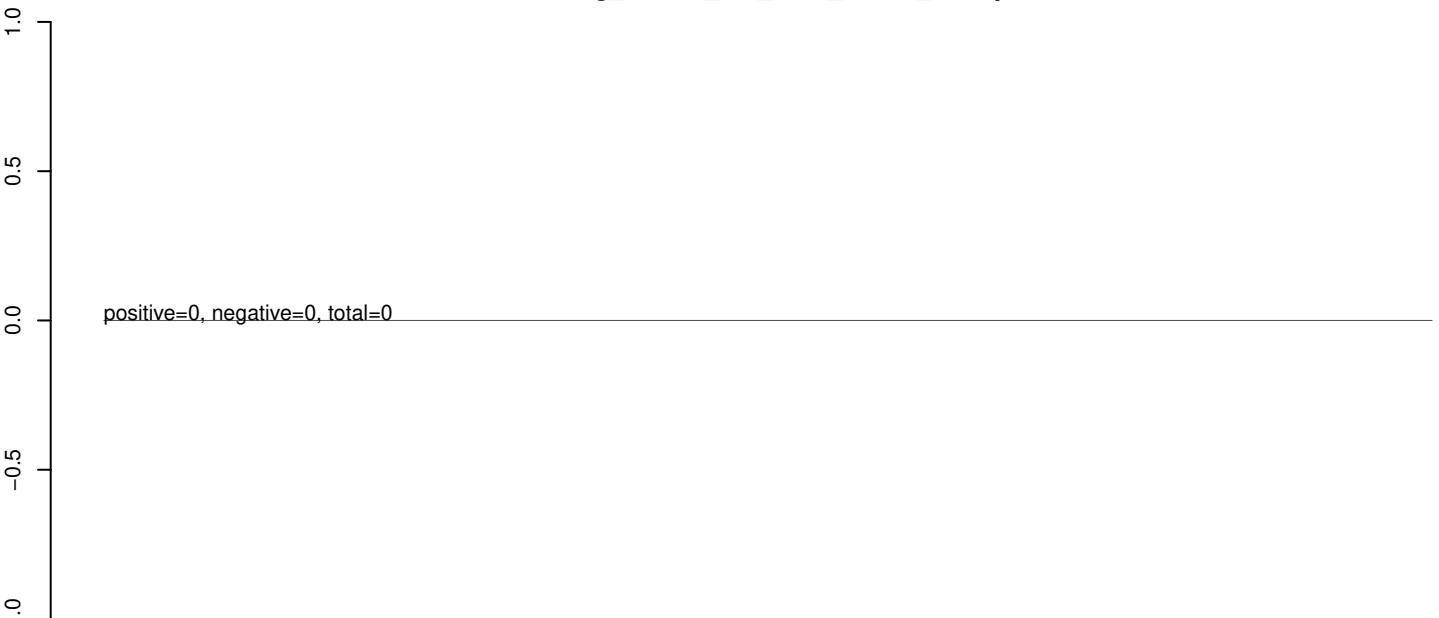
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



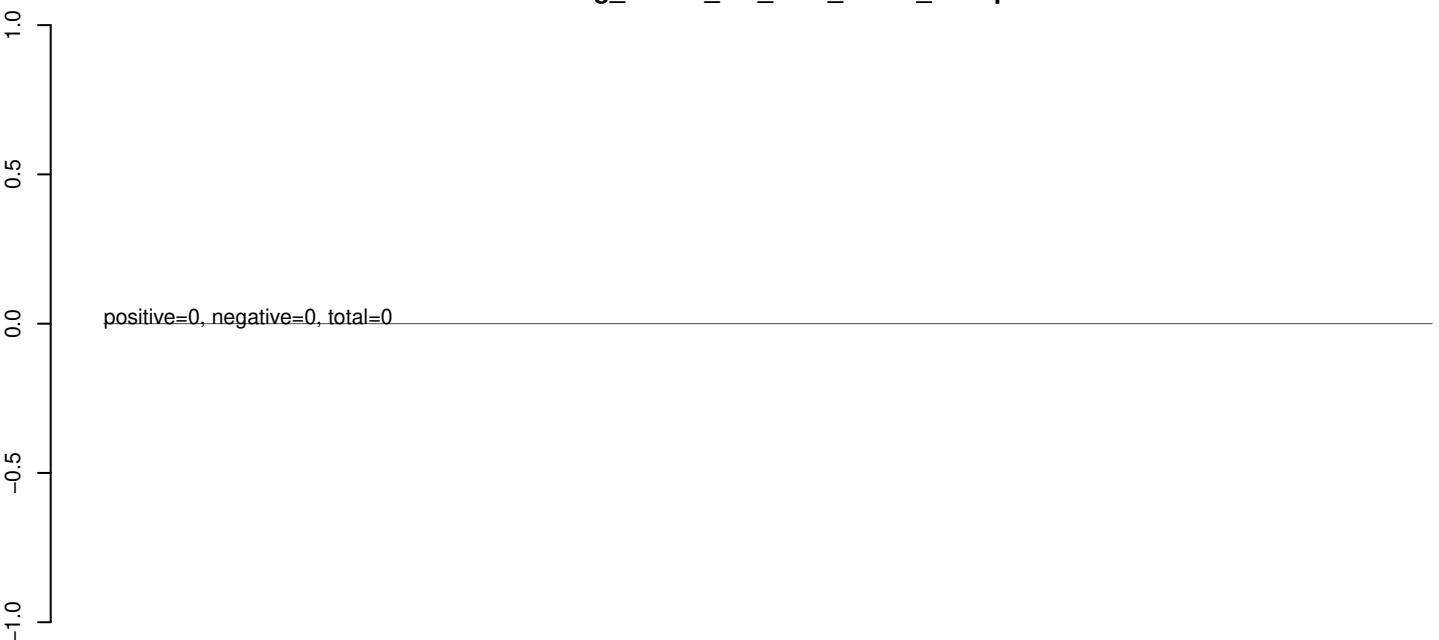
**AeAeg\_Whole\_sm\_r123\_JM.rep**



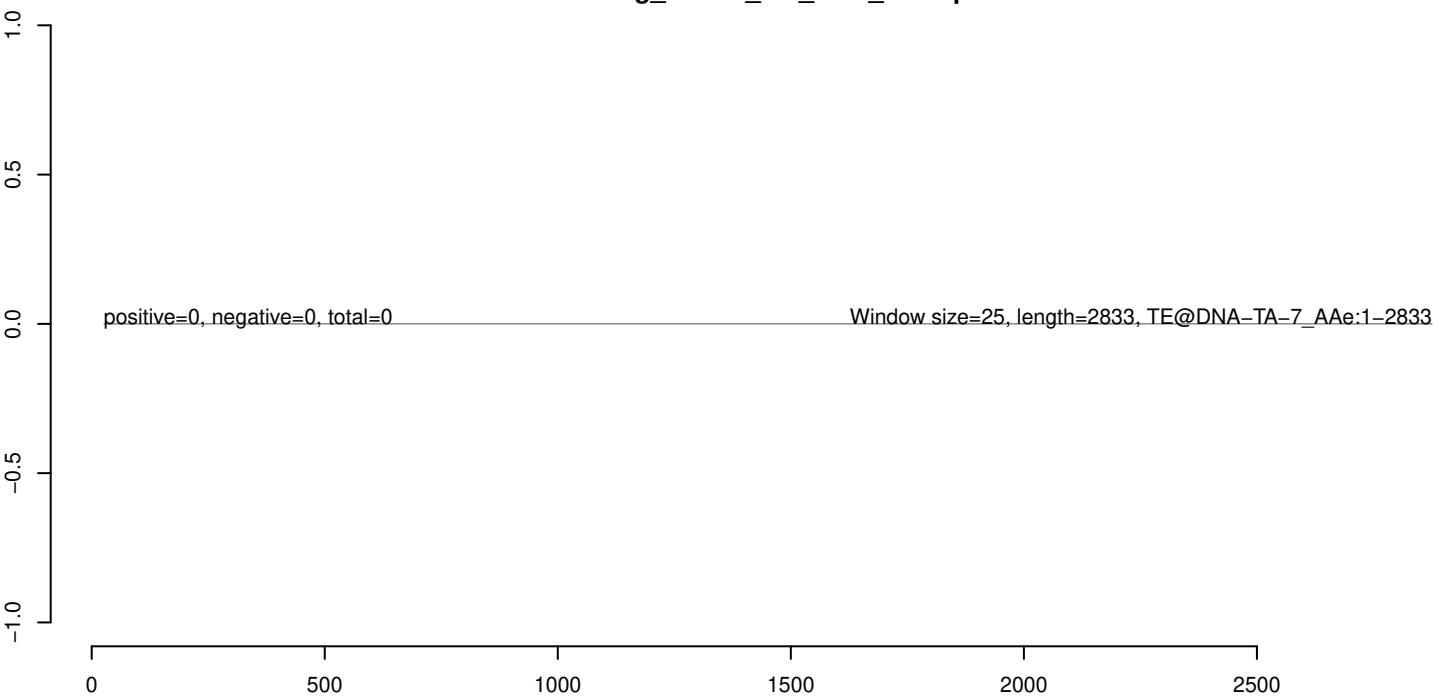
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

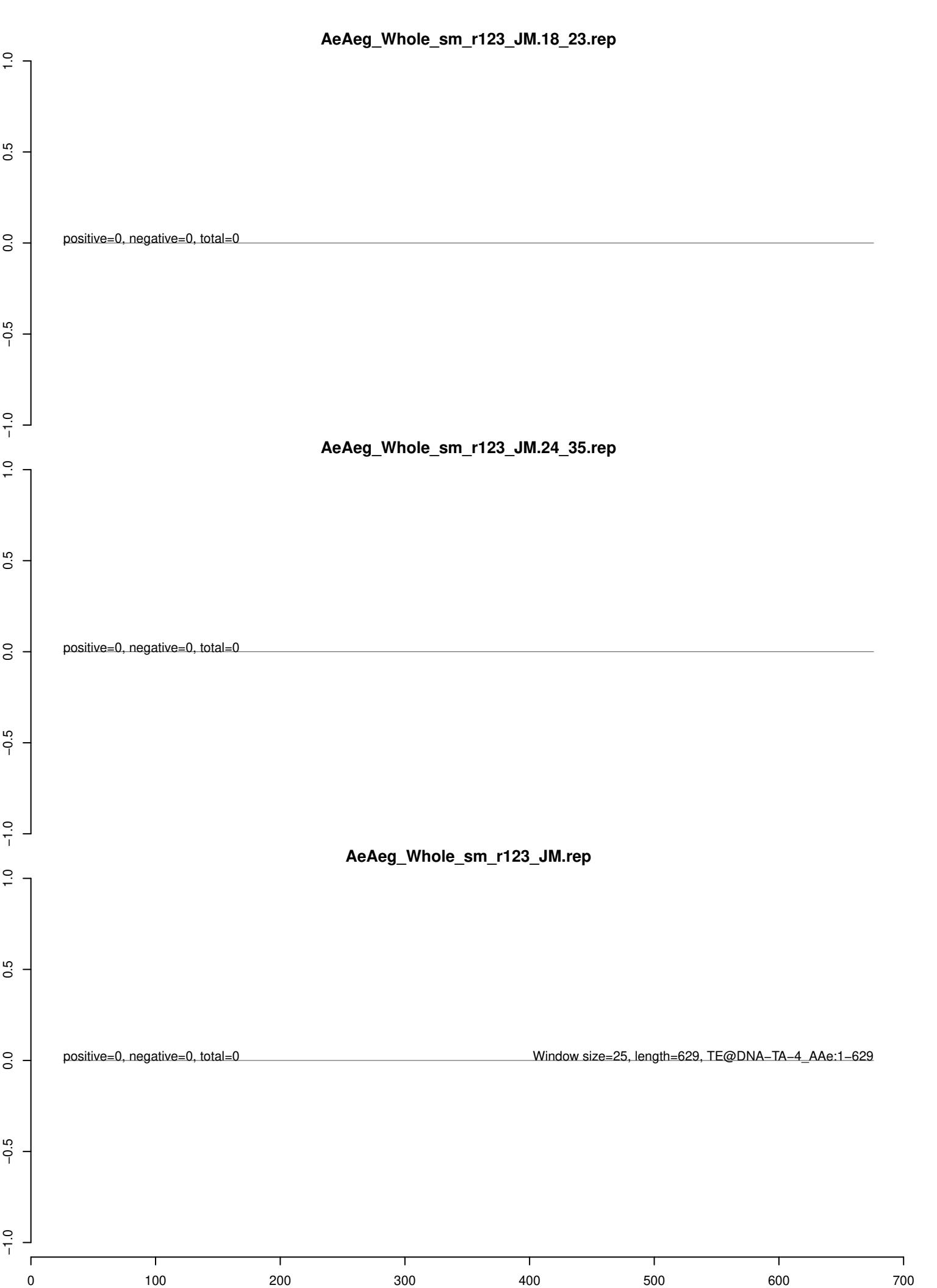
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=629, TE@DNA-TA-4\_AAe:1-629



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

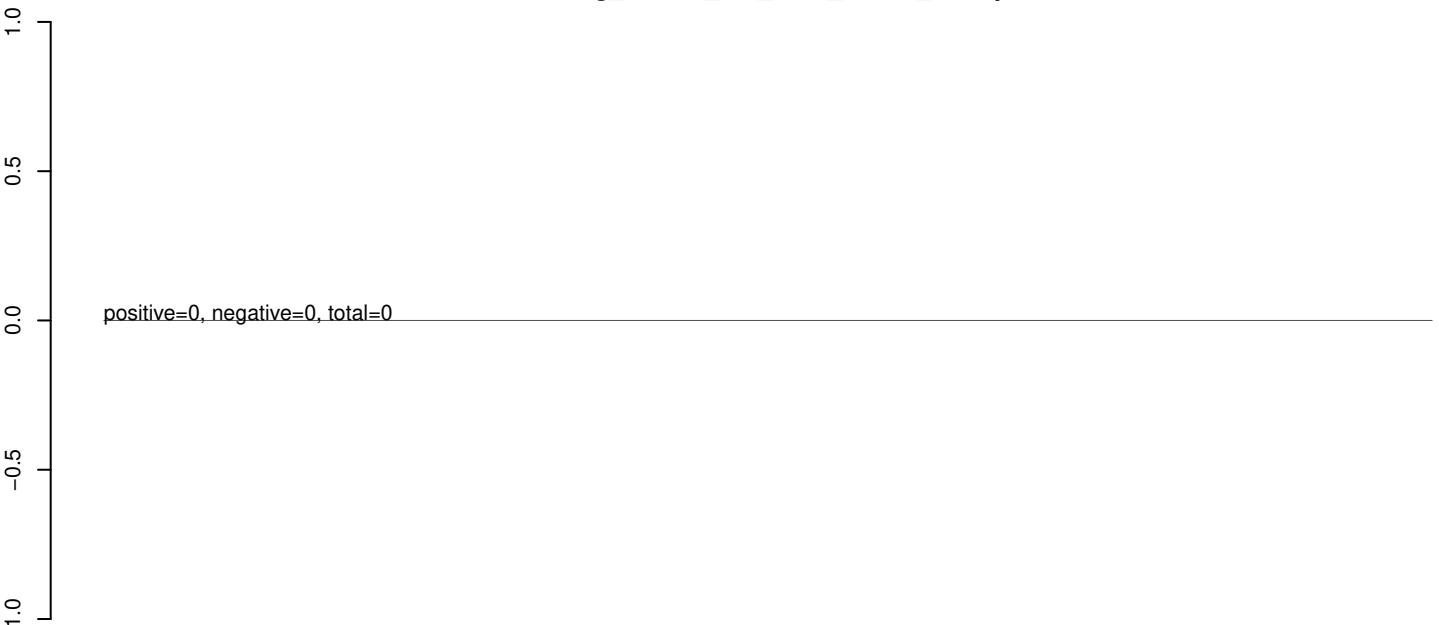
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

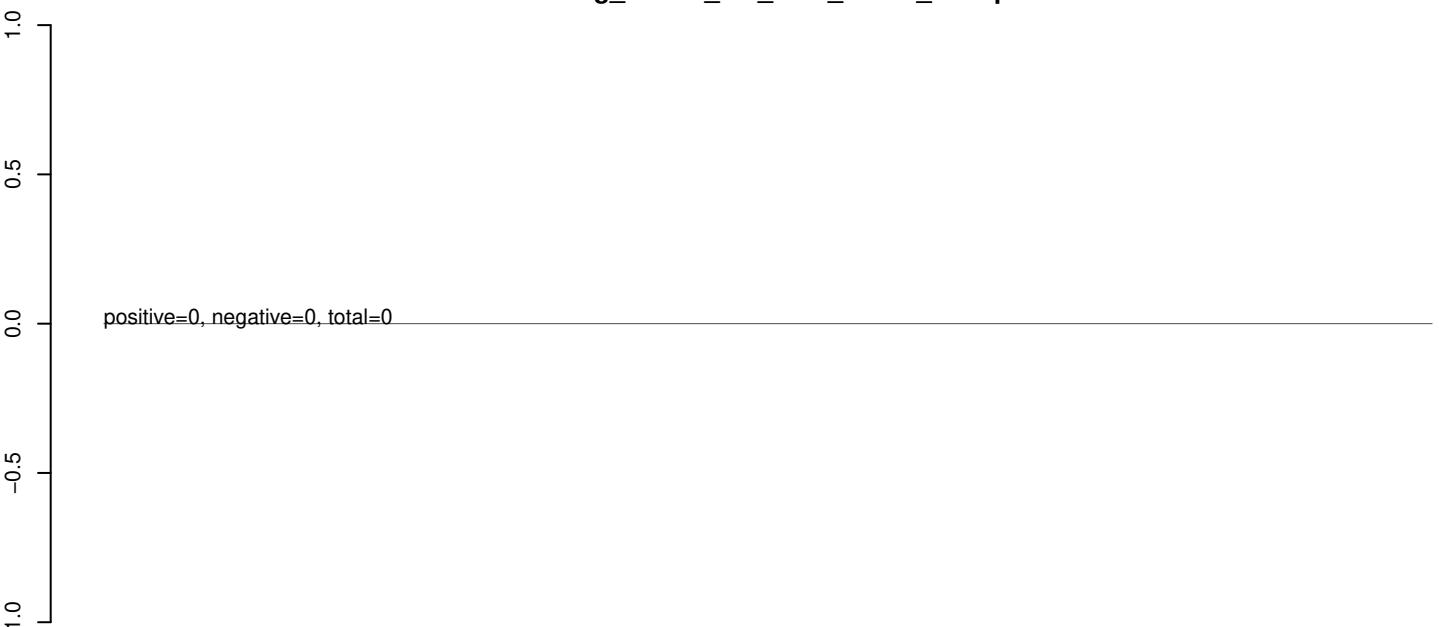
Window size=25, length=1276, TE@DNA-9\_AAe:1-1276

0 200 400 600 800 1000 1200

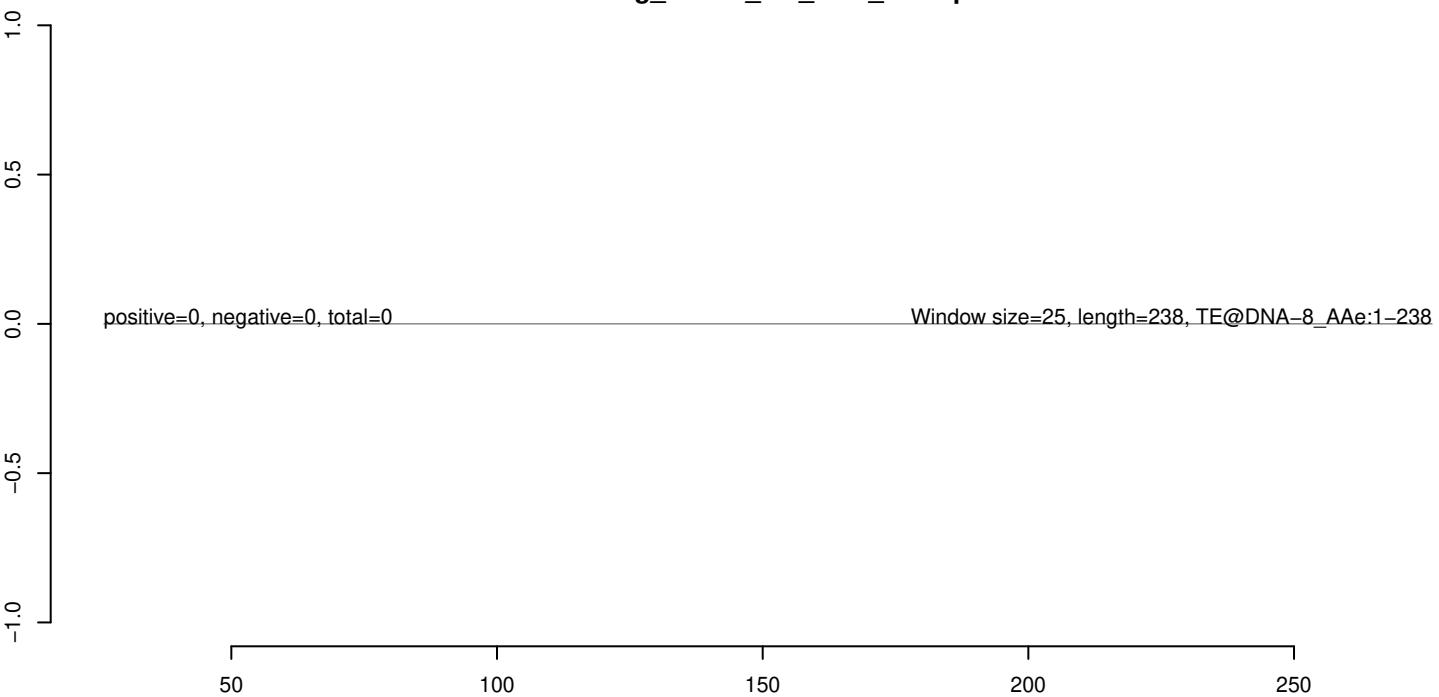
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



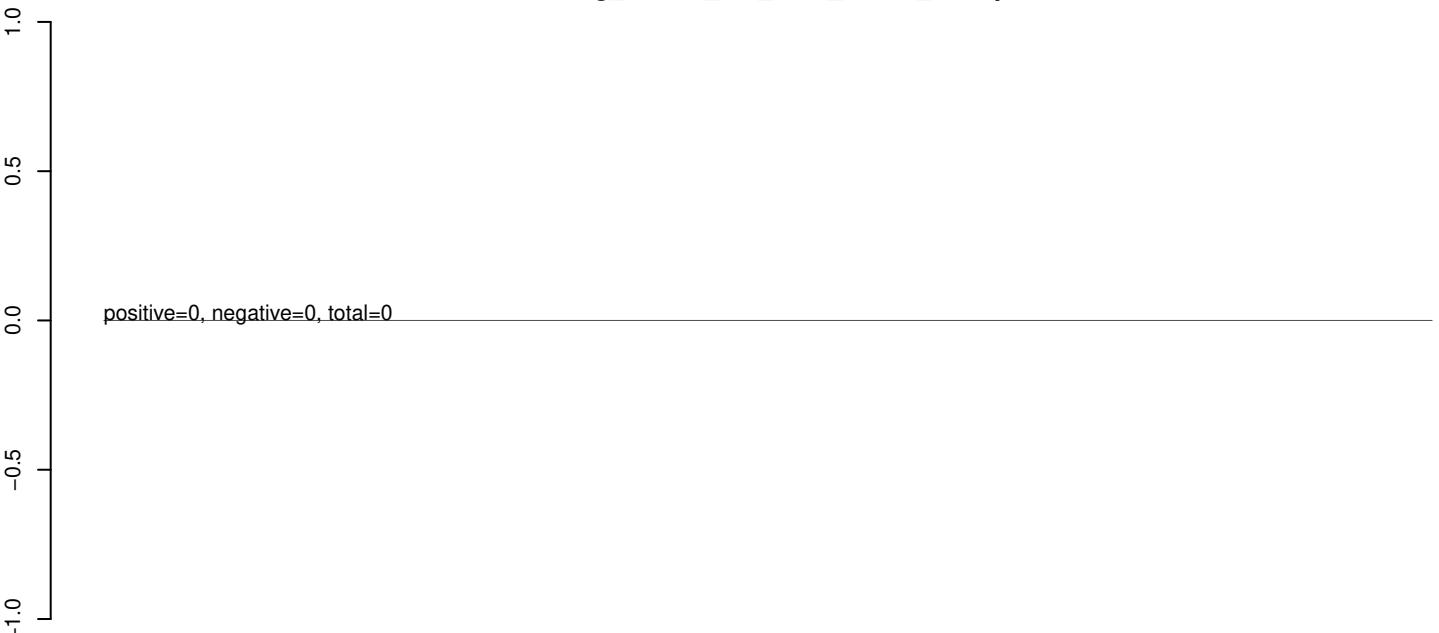
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



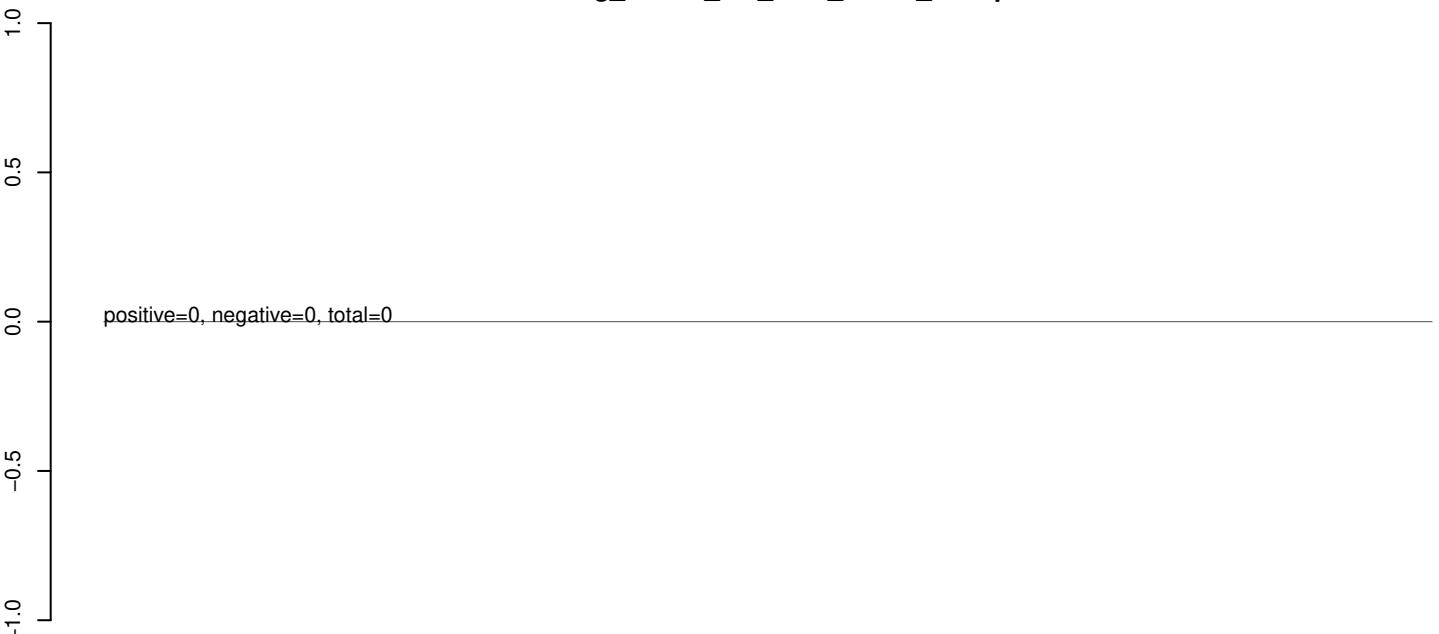
**AeAeg\_Whole\_sm\_r123\_JM.rep**



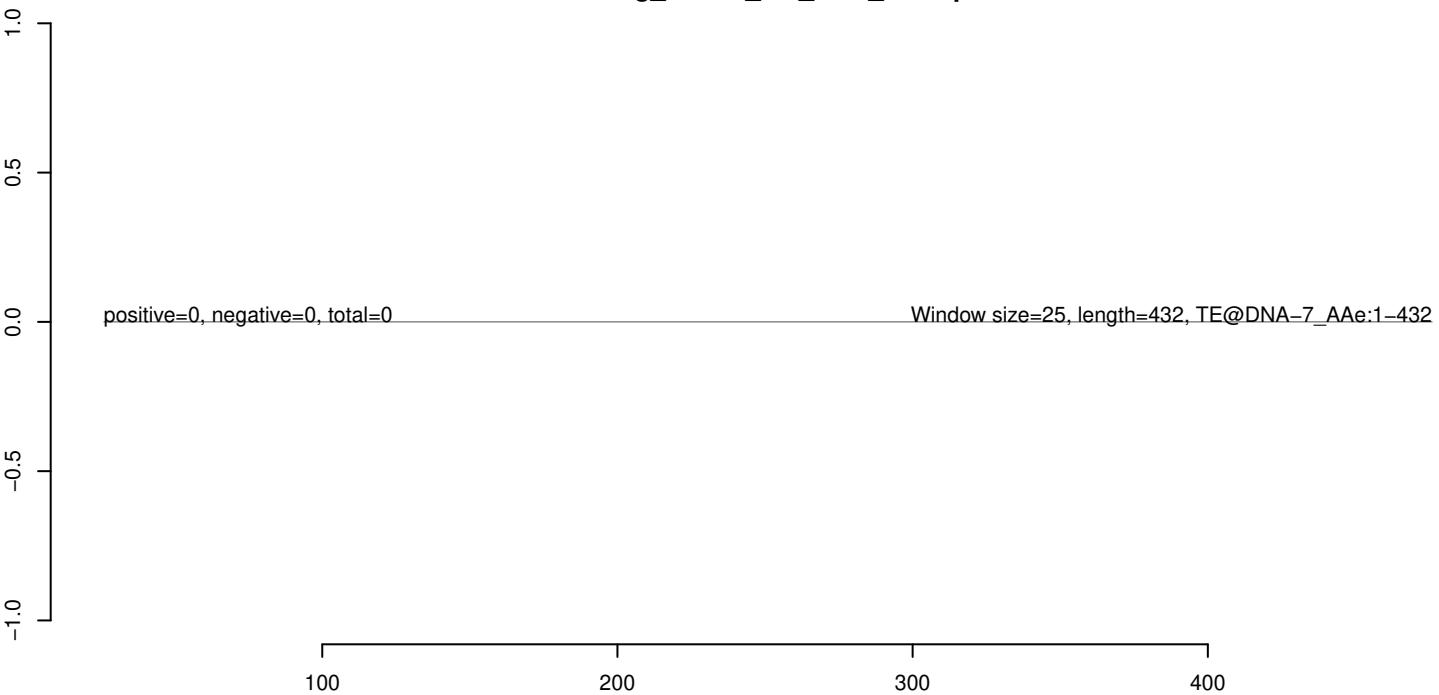
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

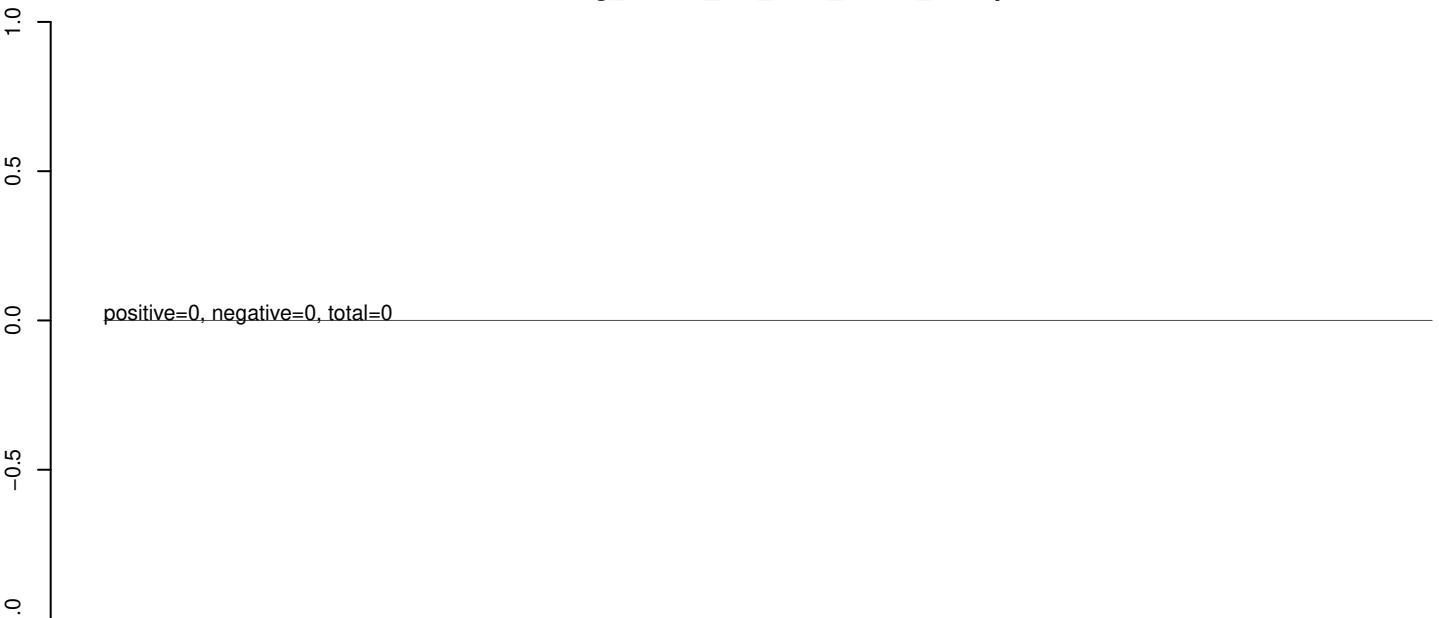
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

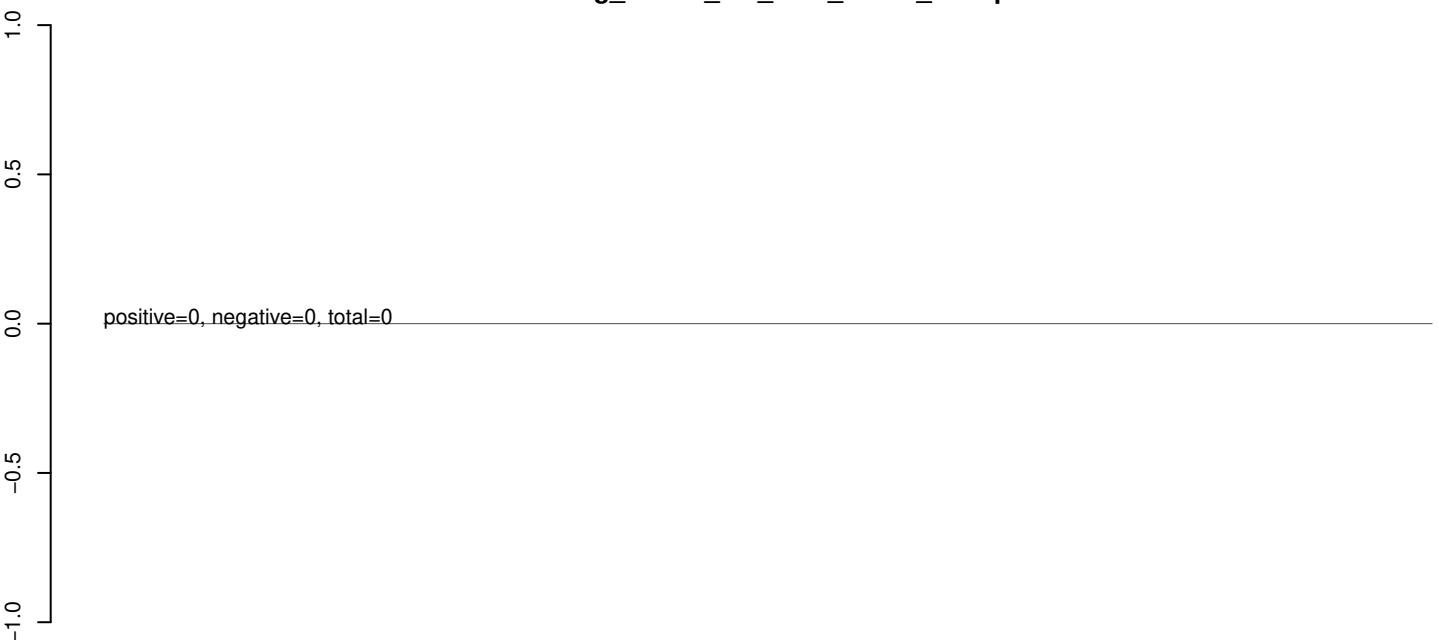
positive=0, negative=0, total=0

Window size=25, length=2094, TE@DNA-6\_AAe:1-2094

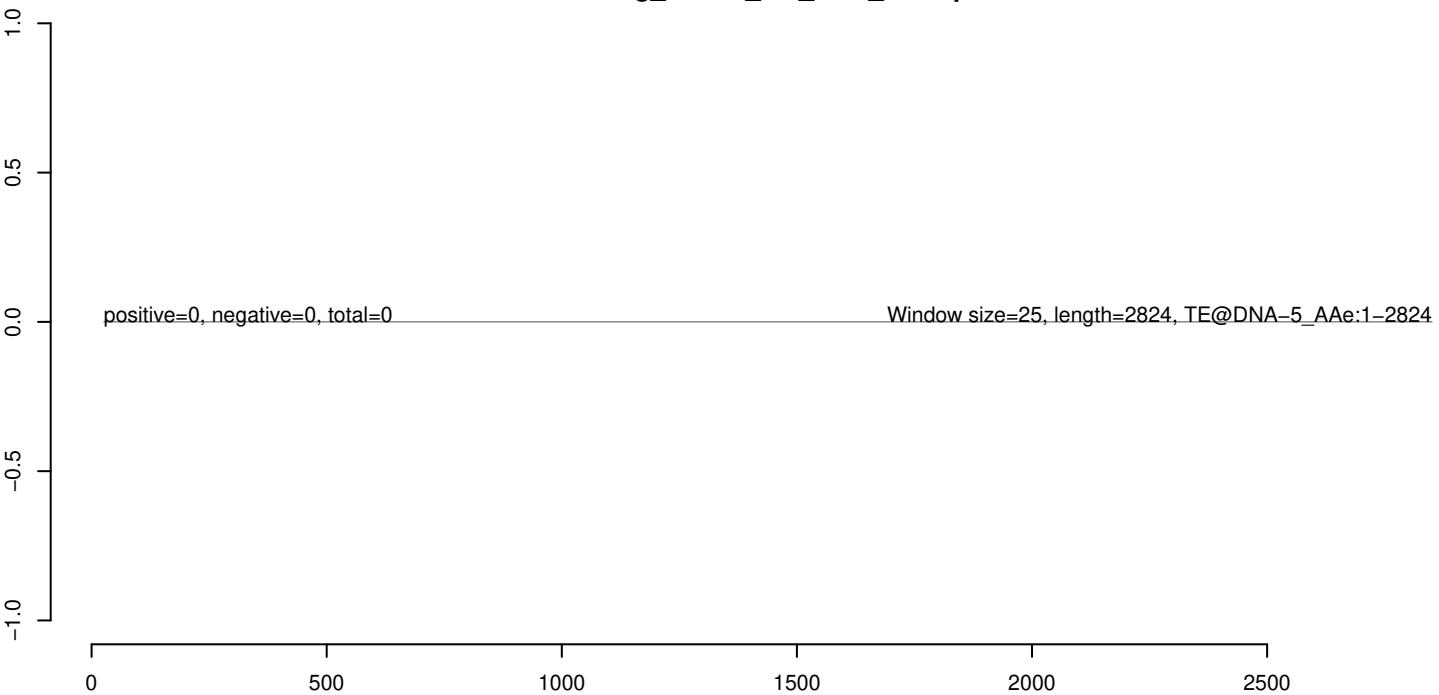
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



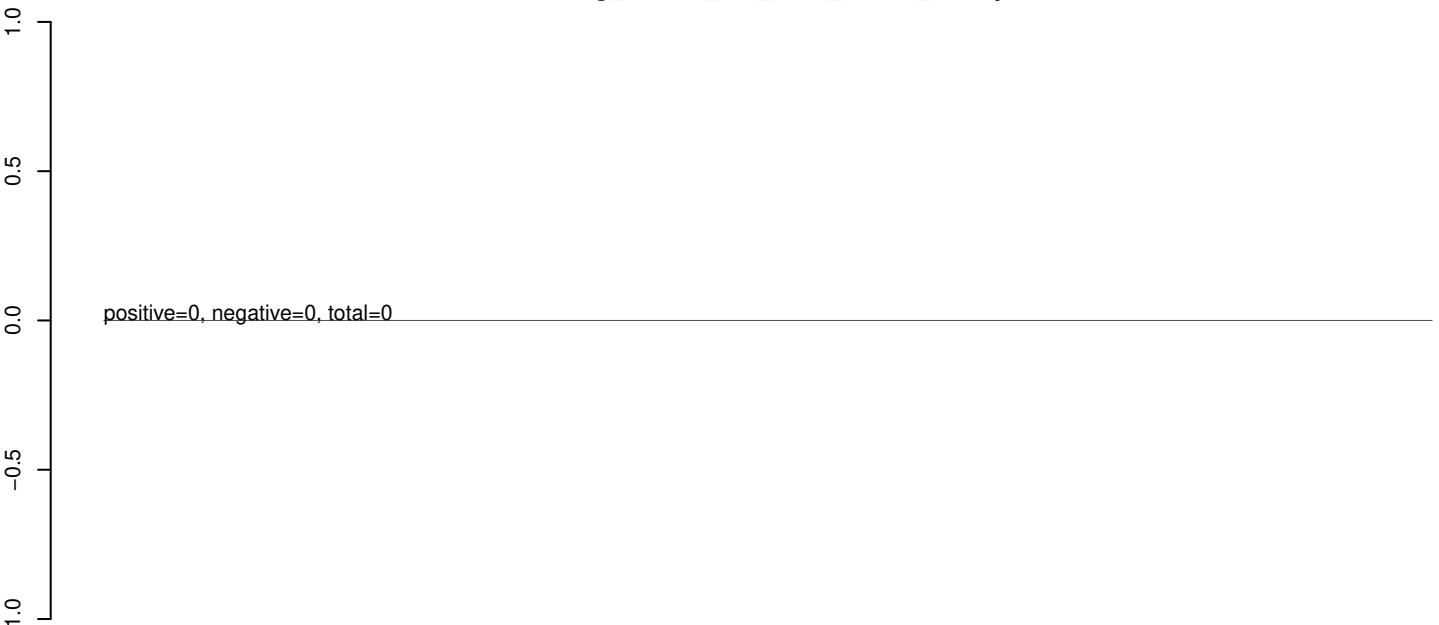
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



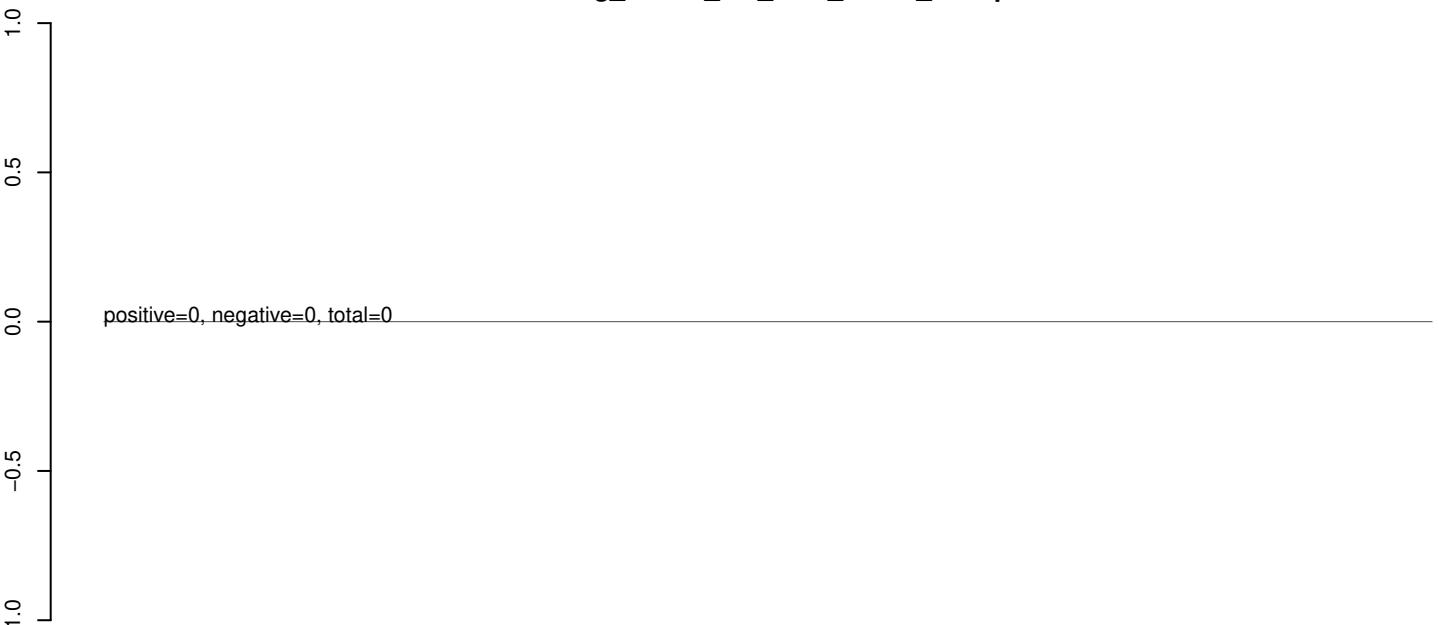
**AeAeg\_Whole\_sm\_r123\_JM.rep**



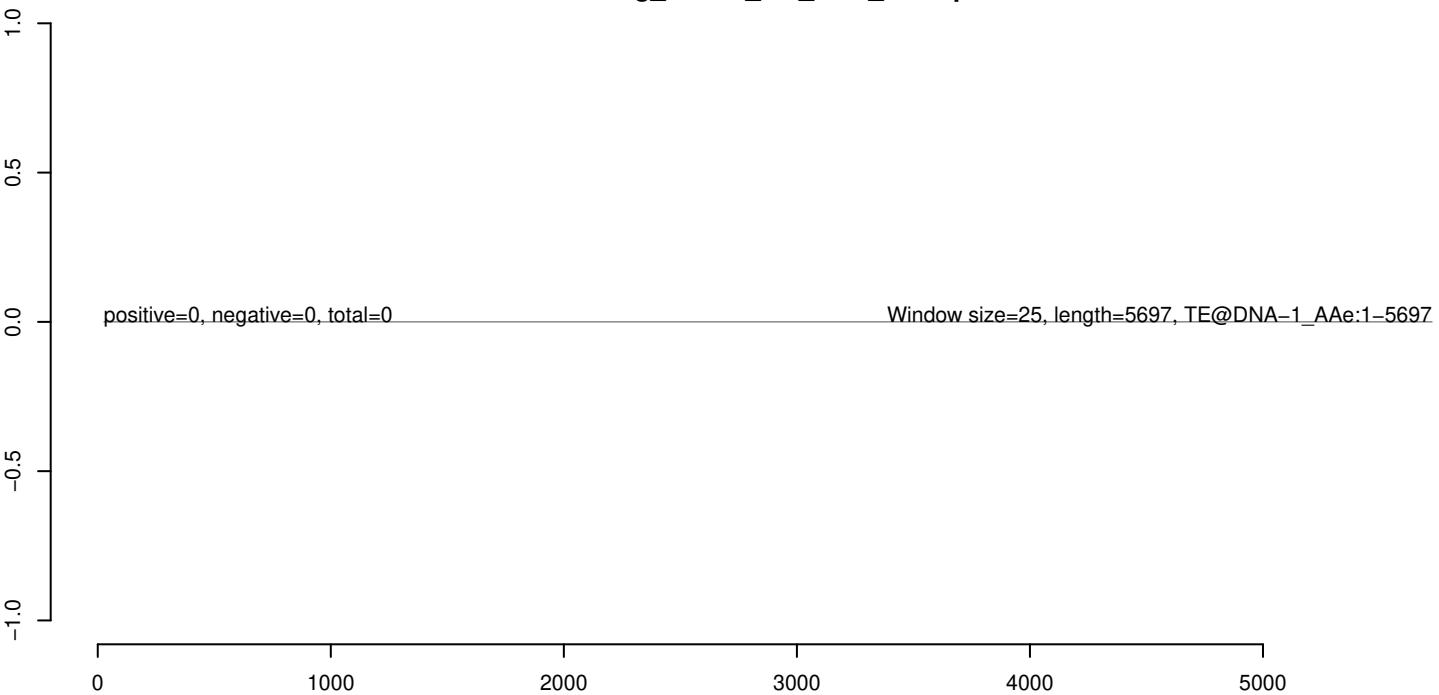
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=429, TE@DNA-14\_AAe:1-429

100

200

300

400

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=257, TE@DNA-12\_AAe:1-257

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=389, TE@DNA-10\_AAe:1-389

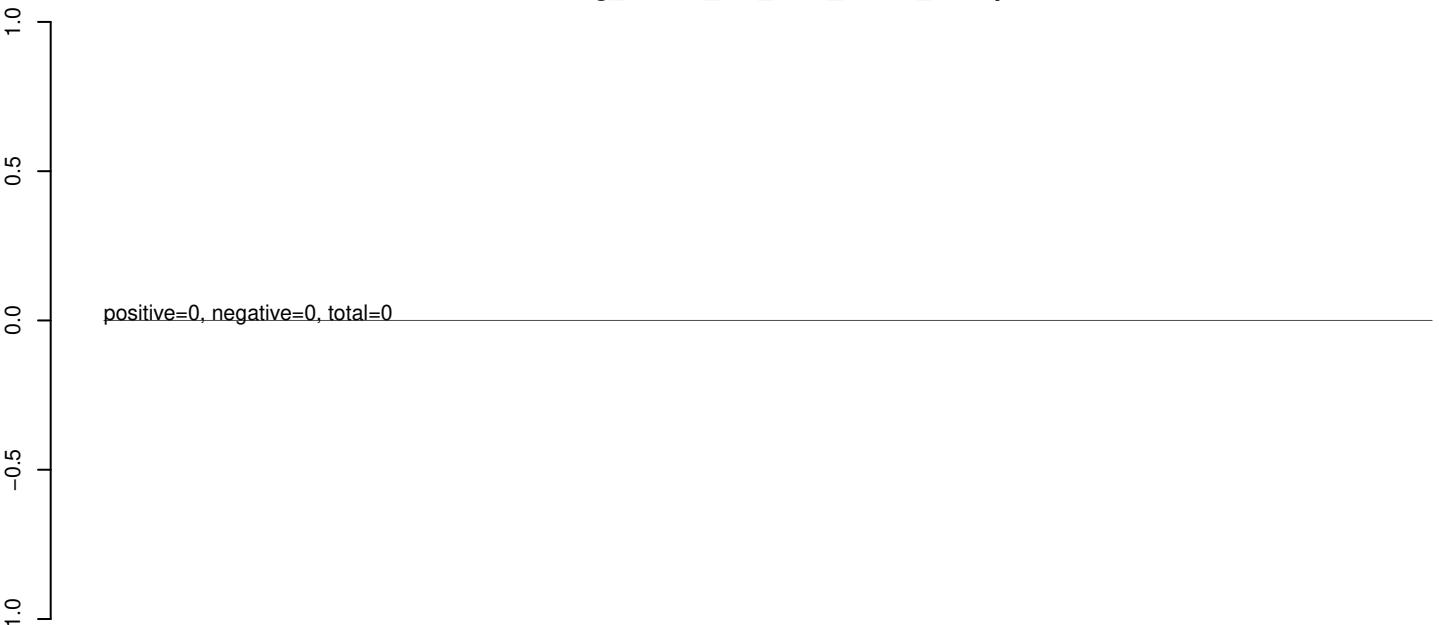
100

200

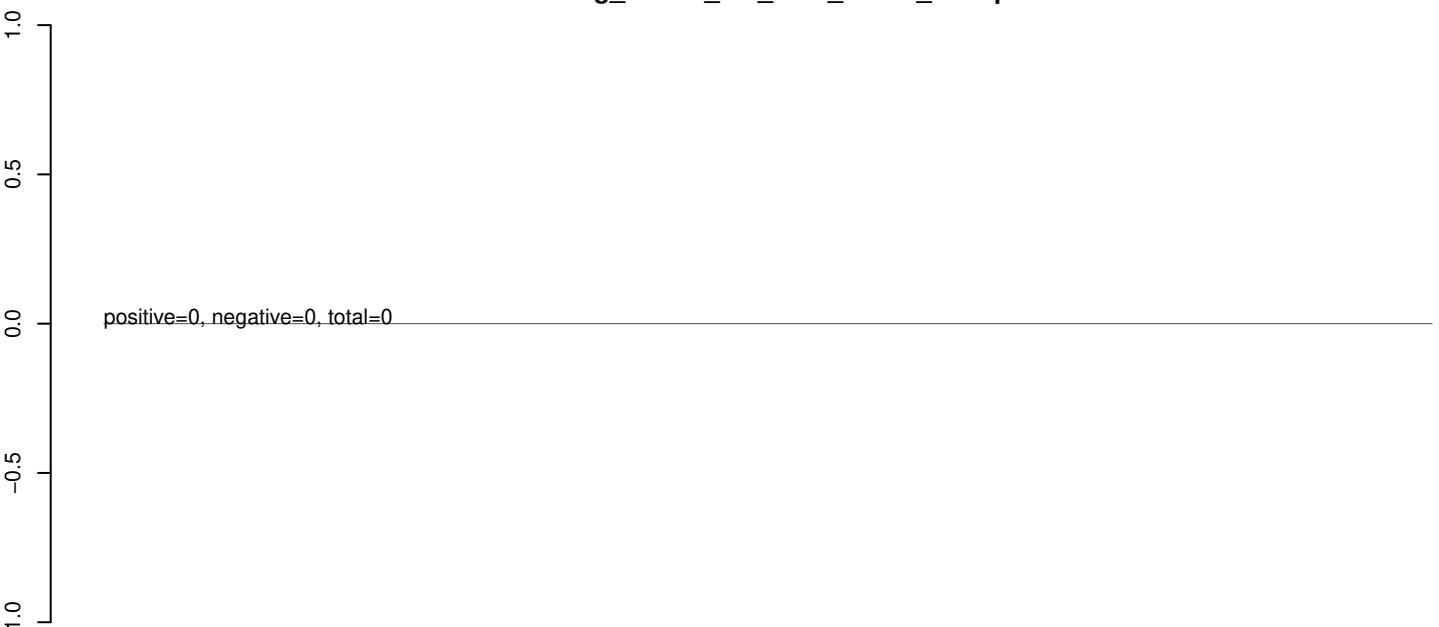
300

400

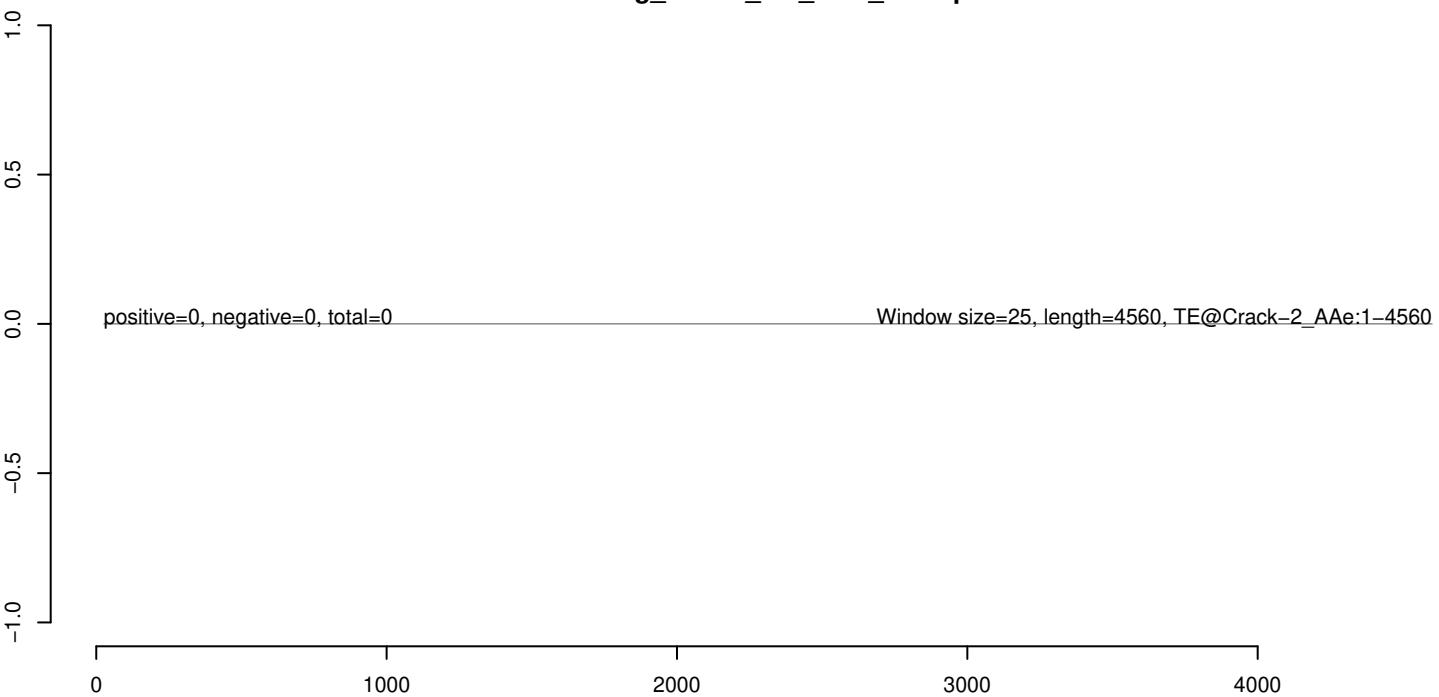
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



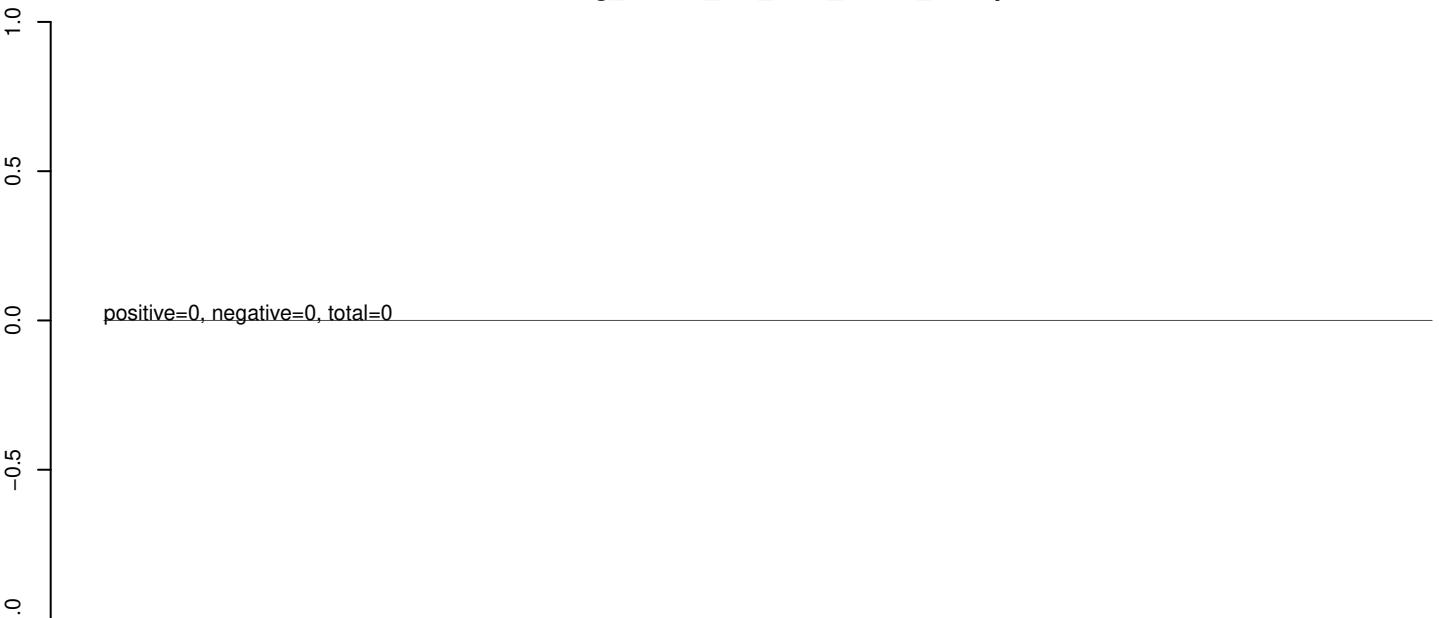
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



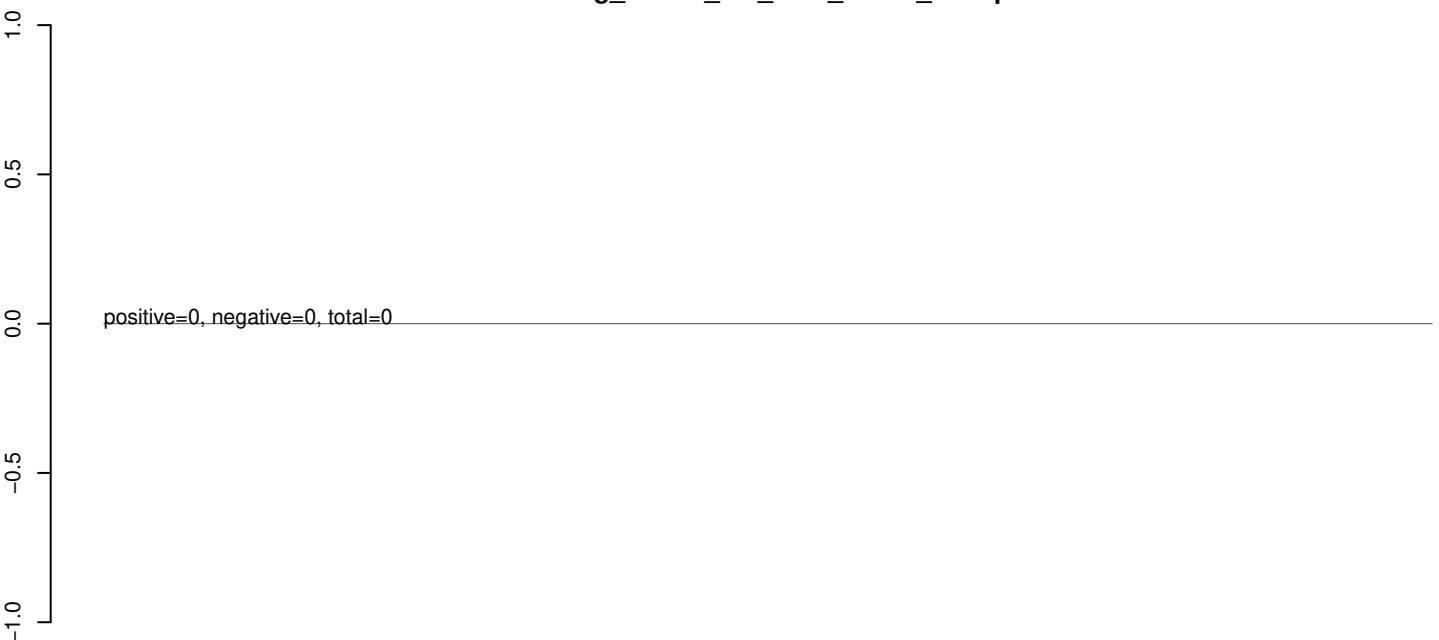
**AeAeg\_Whole\_sm\_r123\_JM.rep**



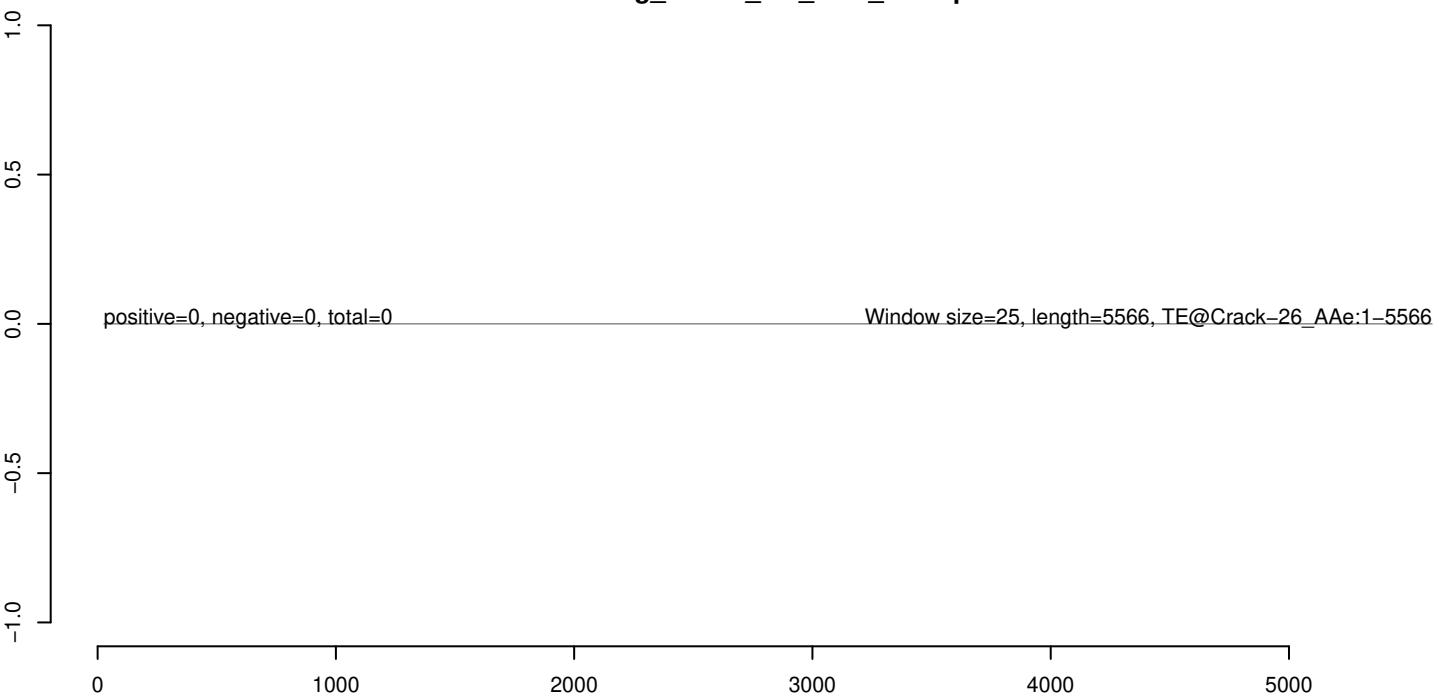
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

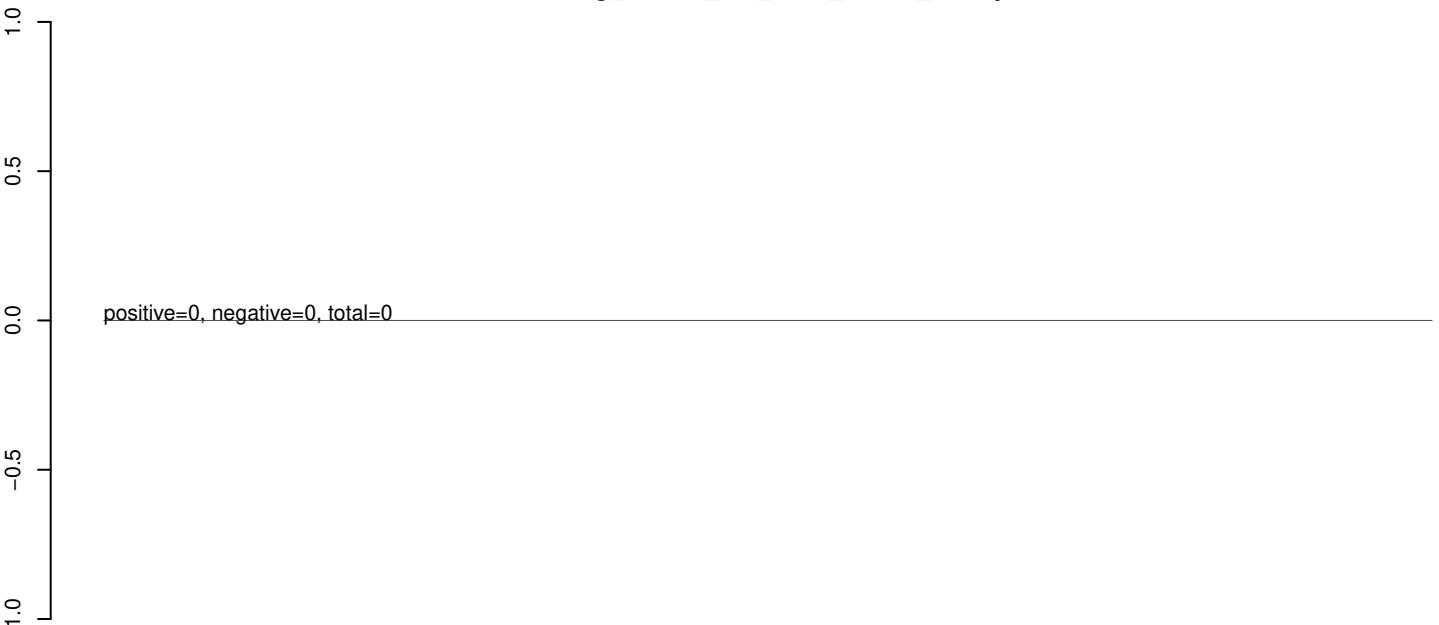
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

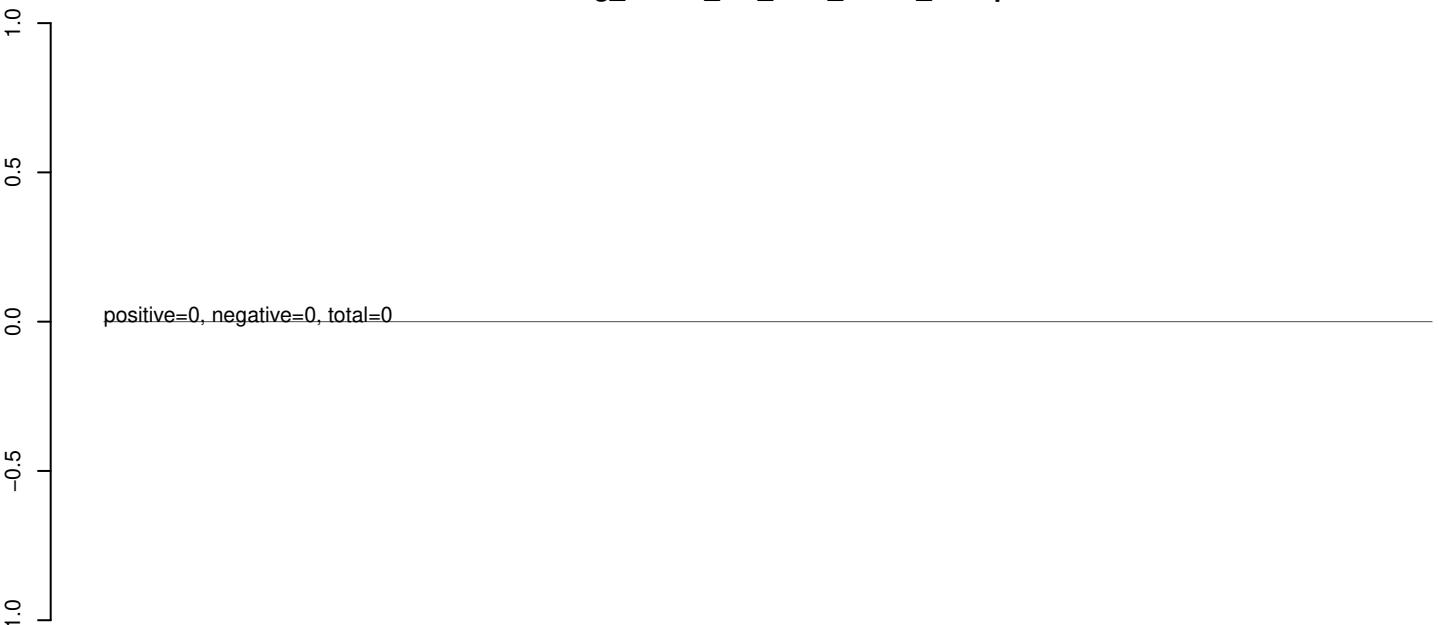
positive=0, negative=0, total=0

Window size=25, length=2117, TE@Copia-8\_AA-LTR-I:1-2117

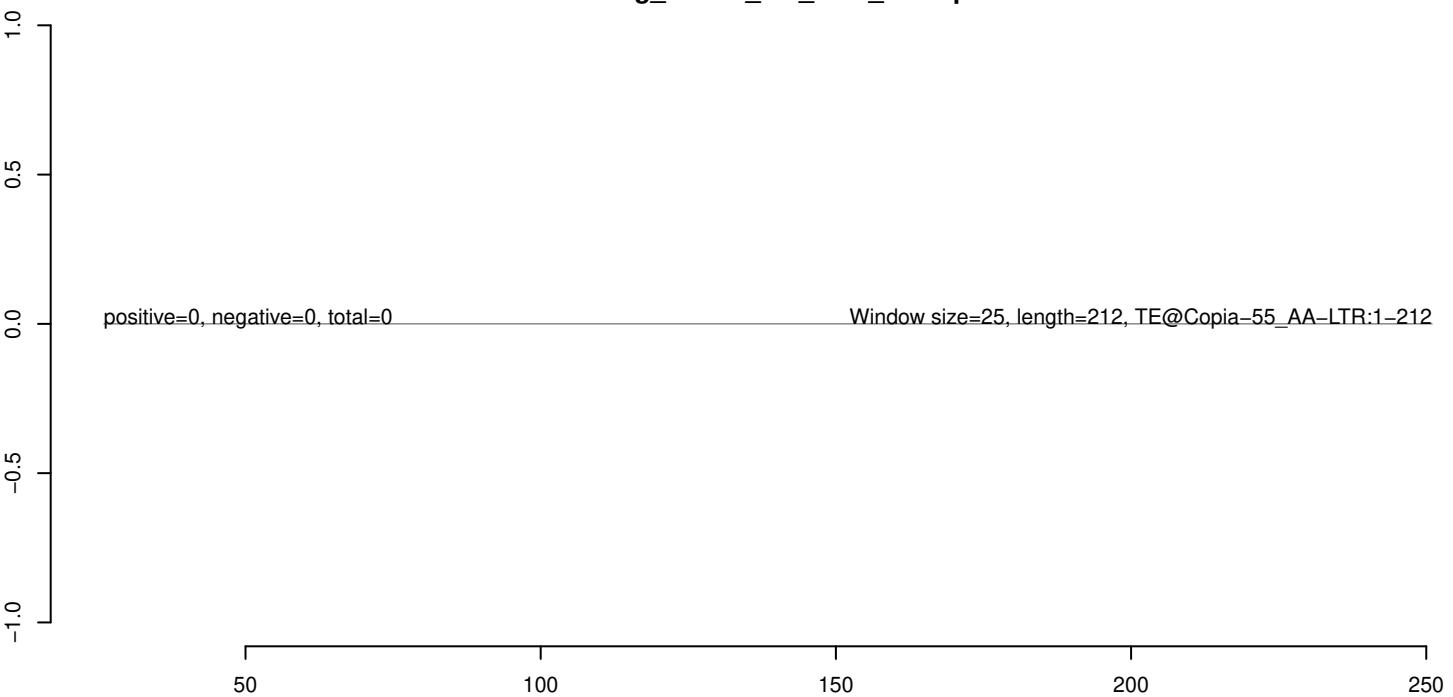
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



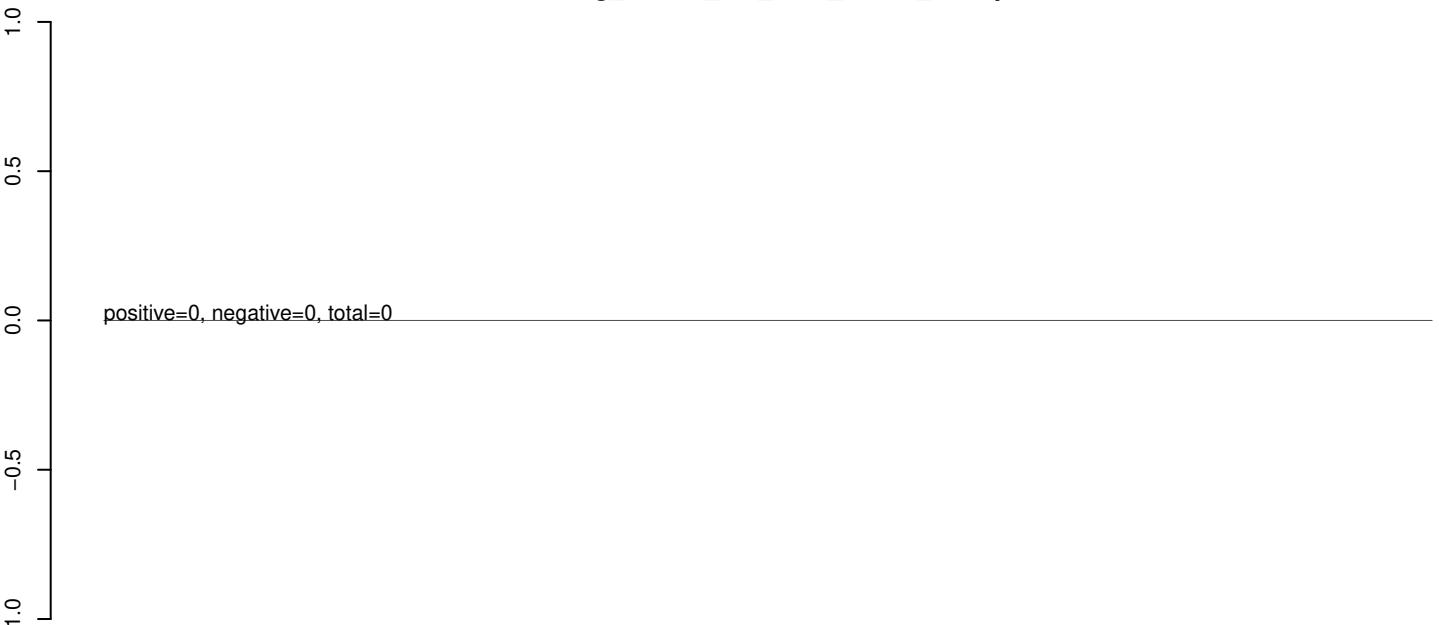
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



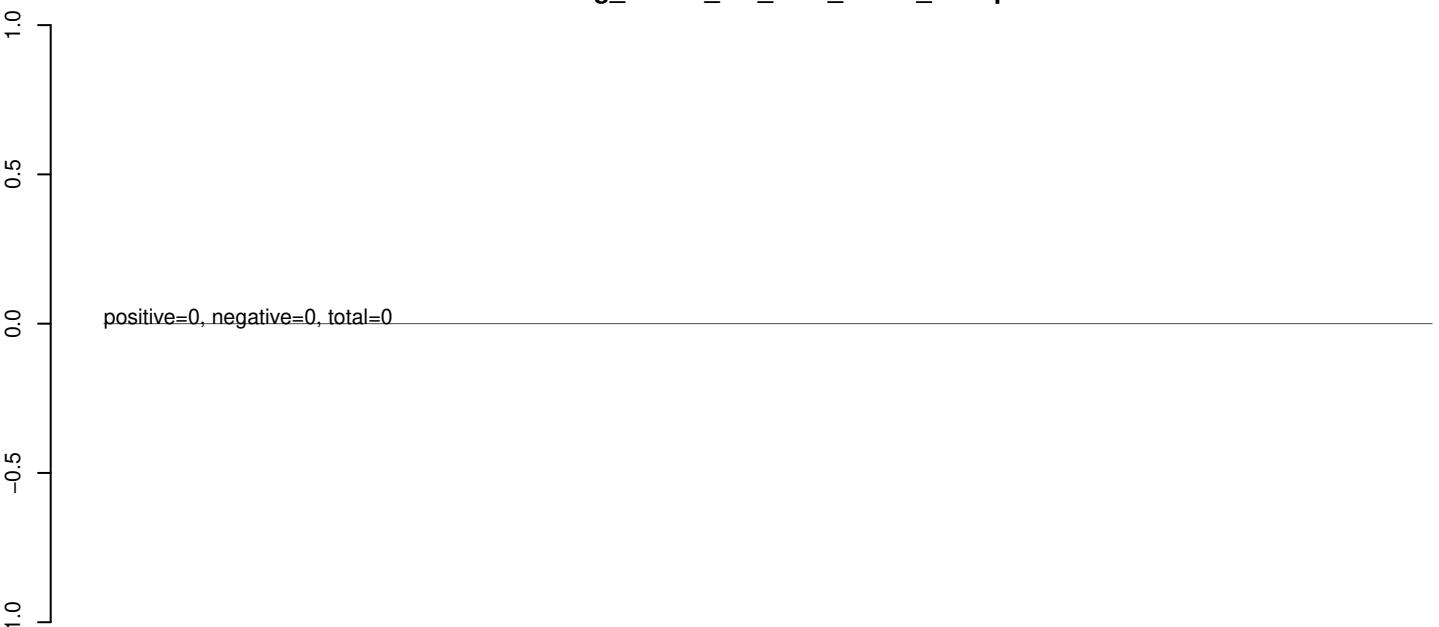
**AeAeg\_Whole\_sm\_r123\_JM.rep**



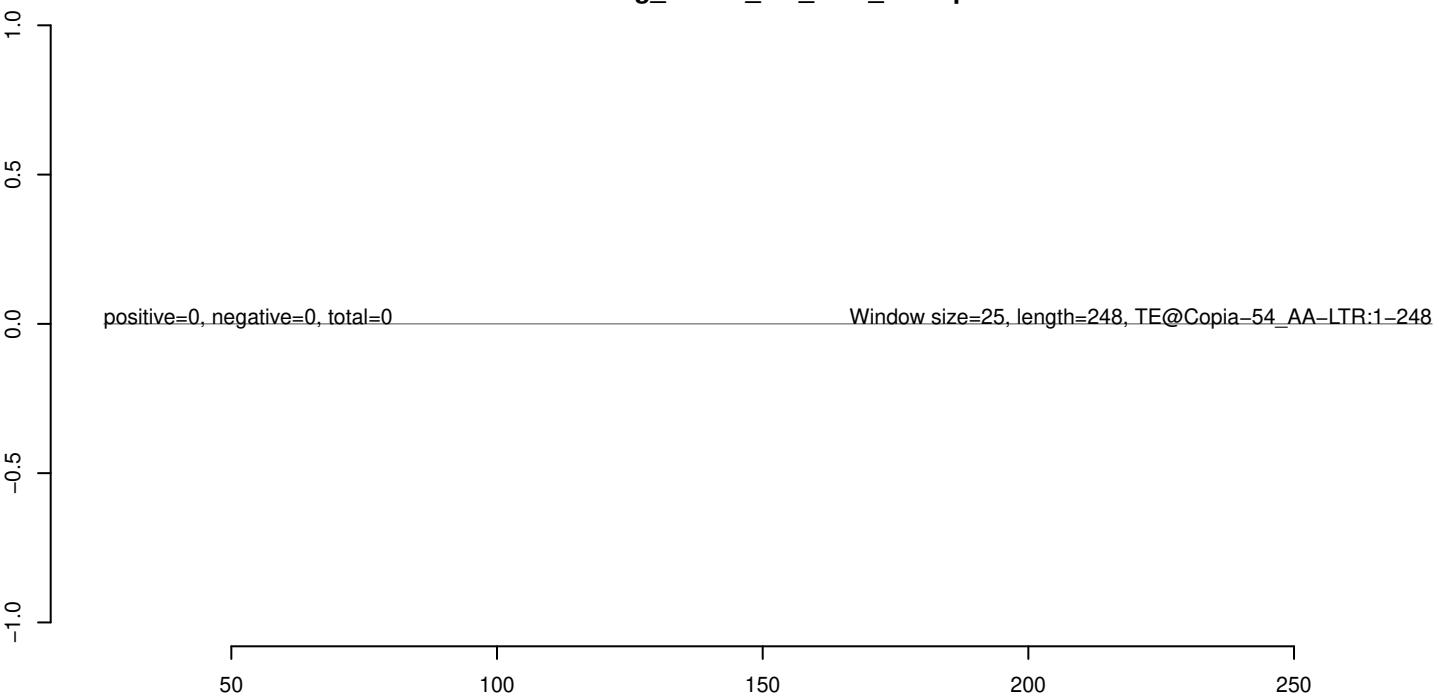
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



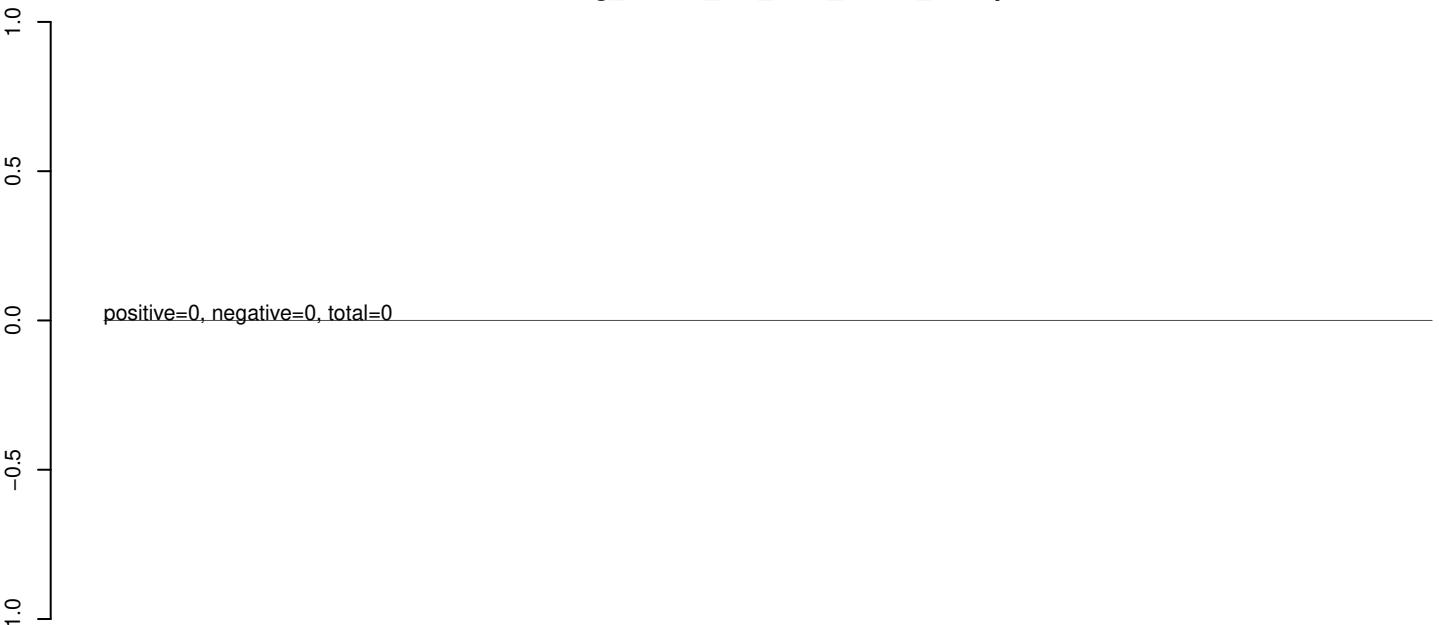
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



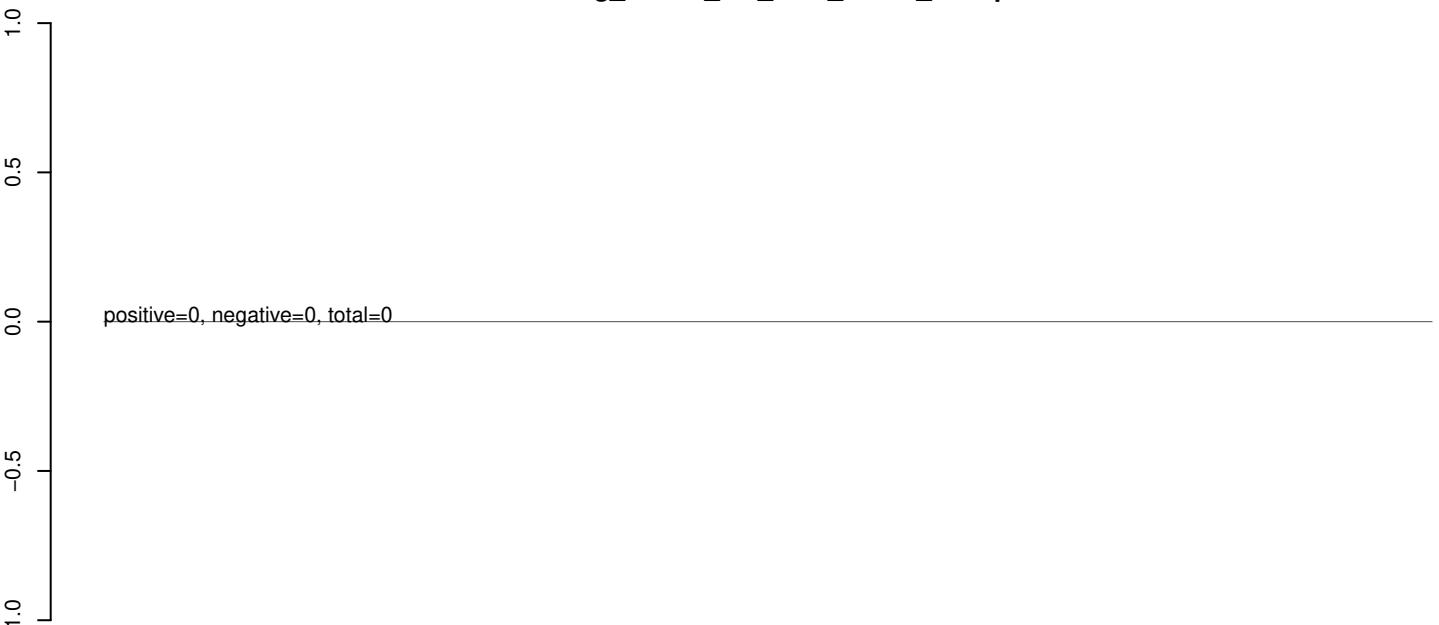
**AeAeg\_Whole\_sm\_r123\_JM.rep**



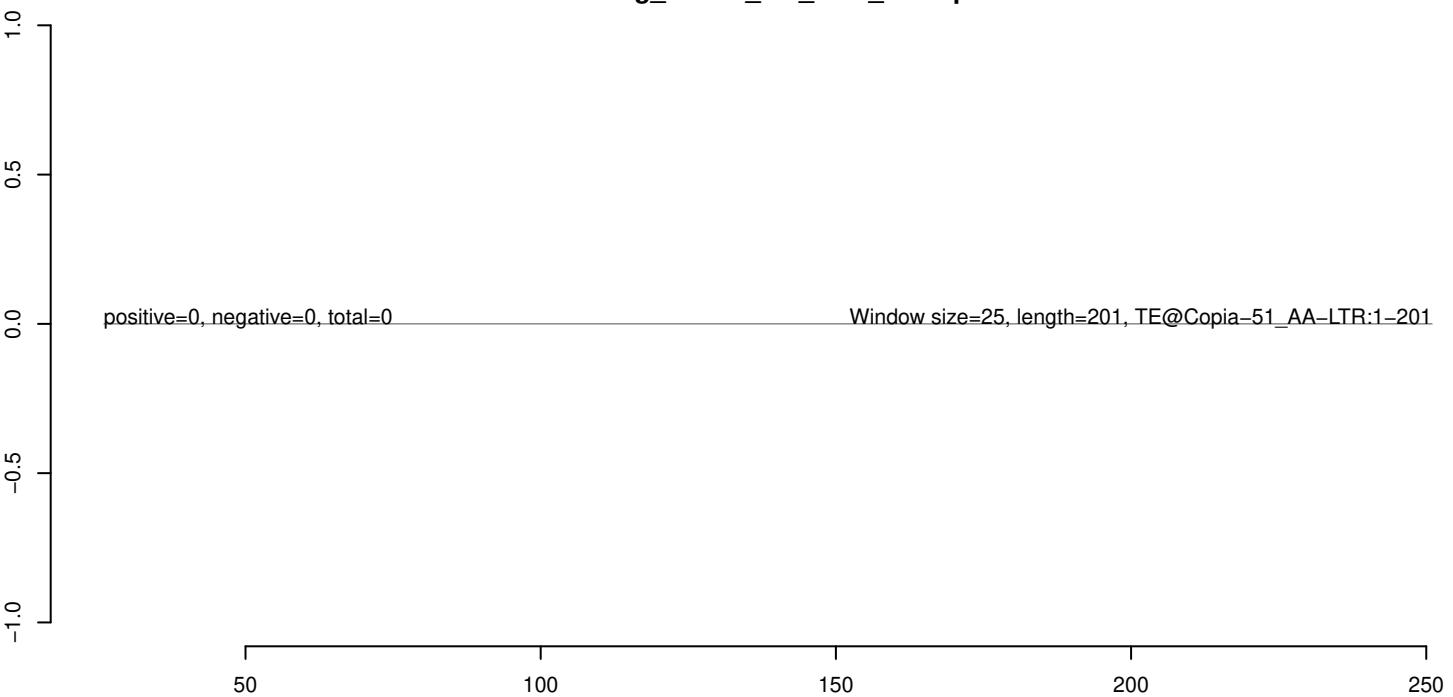
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



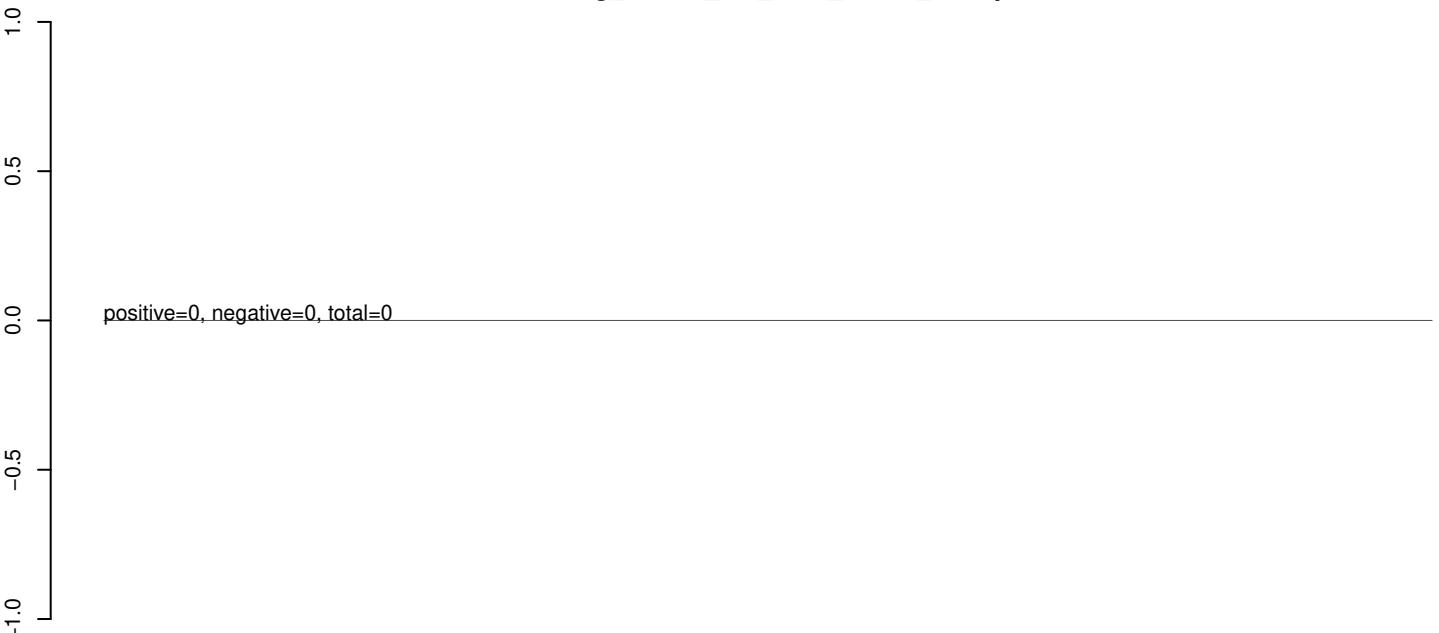
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



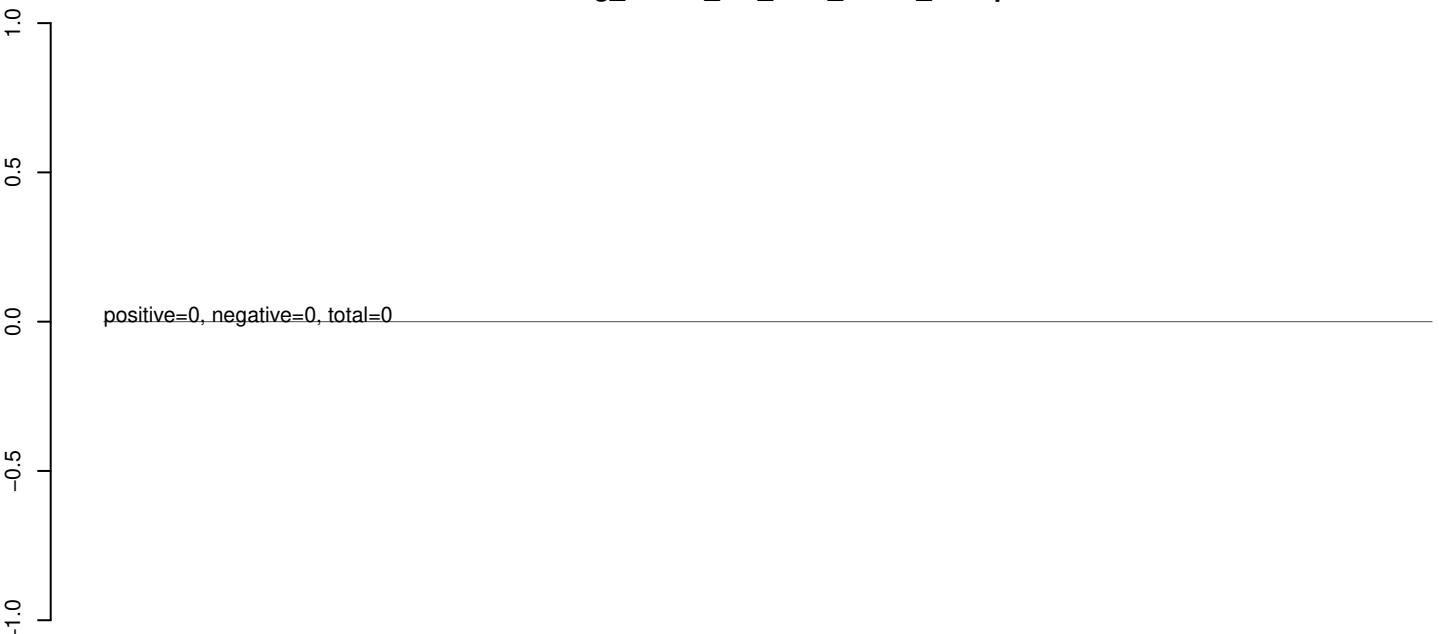
**AeAeg\_Whole\_sm\_r123\_JM.rep**



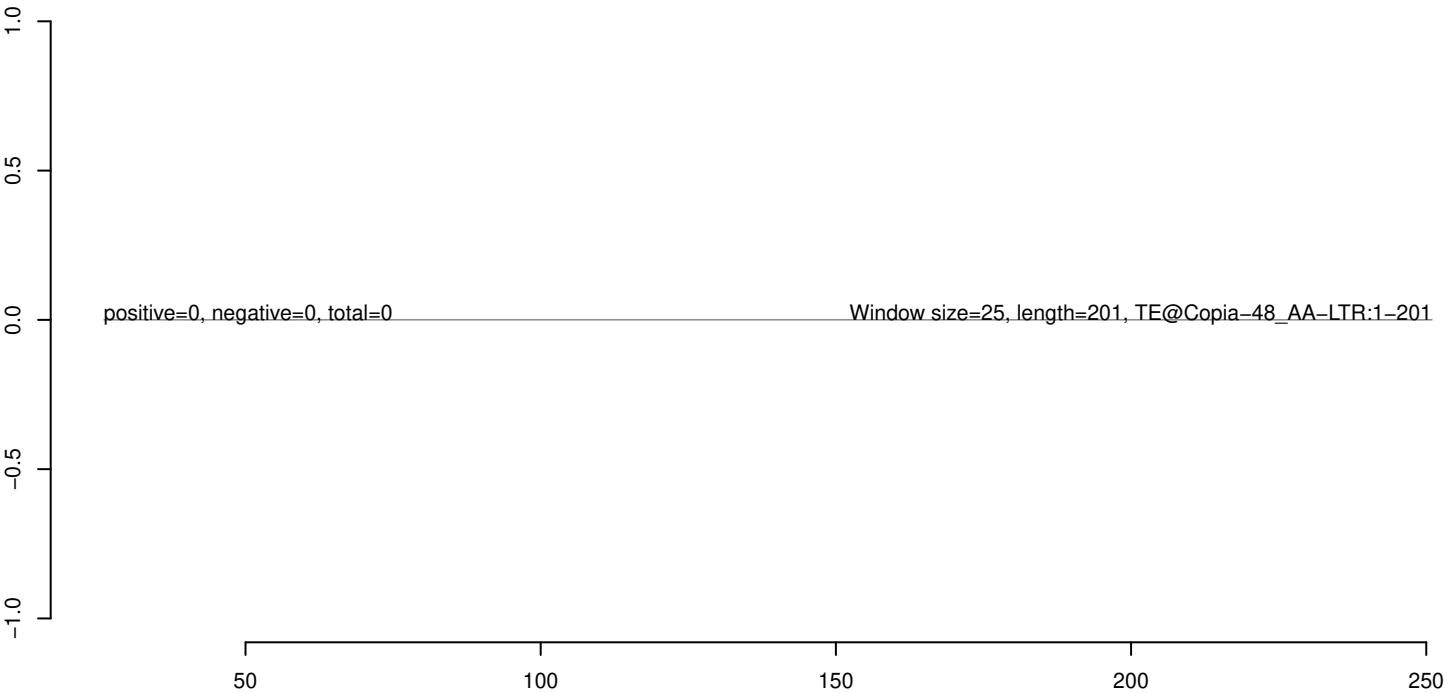
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=268, TE@Copia-47\_AA-LTR:1-268

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=238, TE@Copia-46\_AA-LTR:1-238

50 100 150 200 250

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

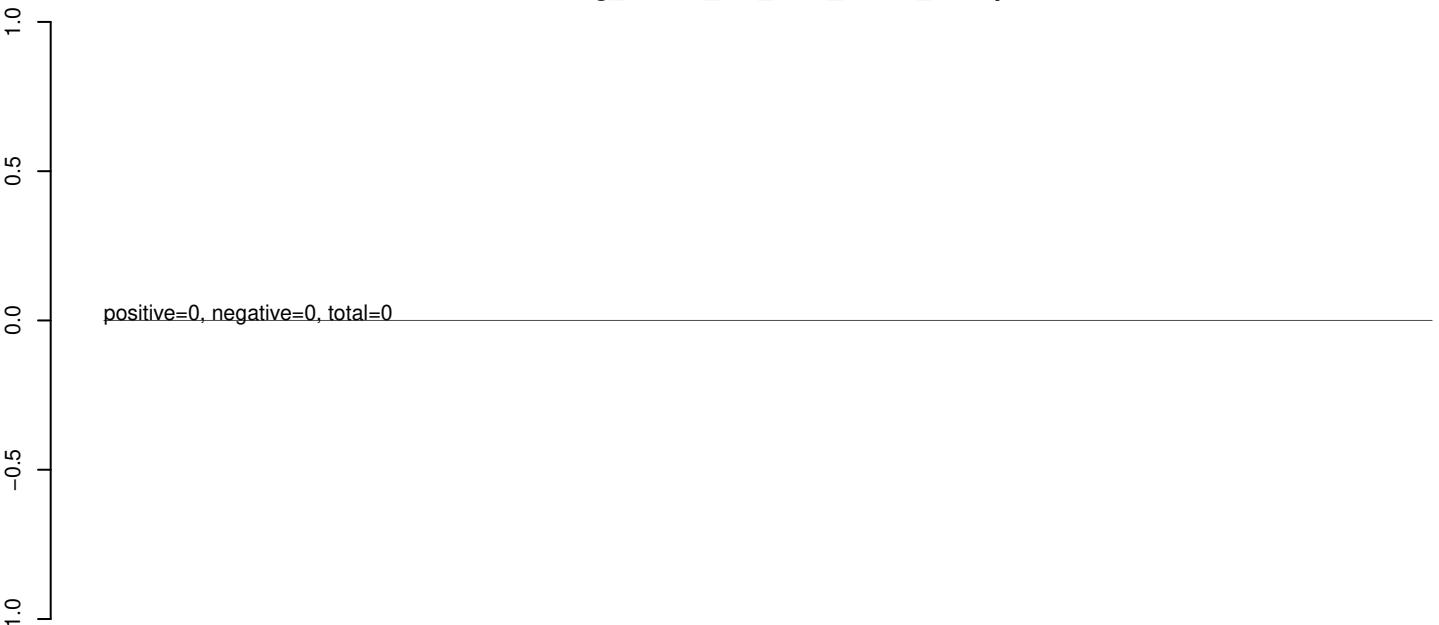
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

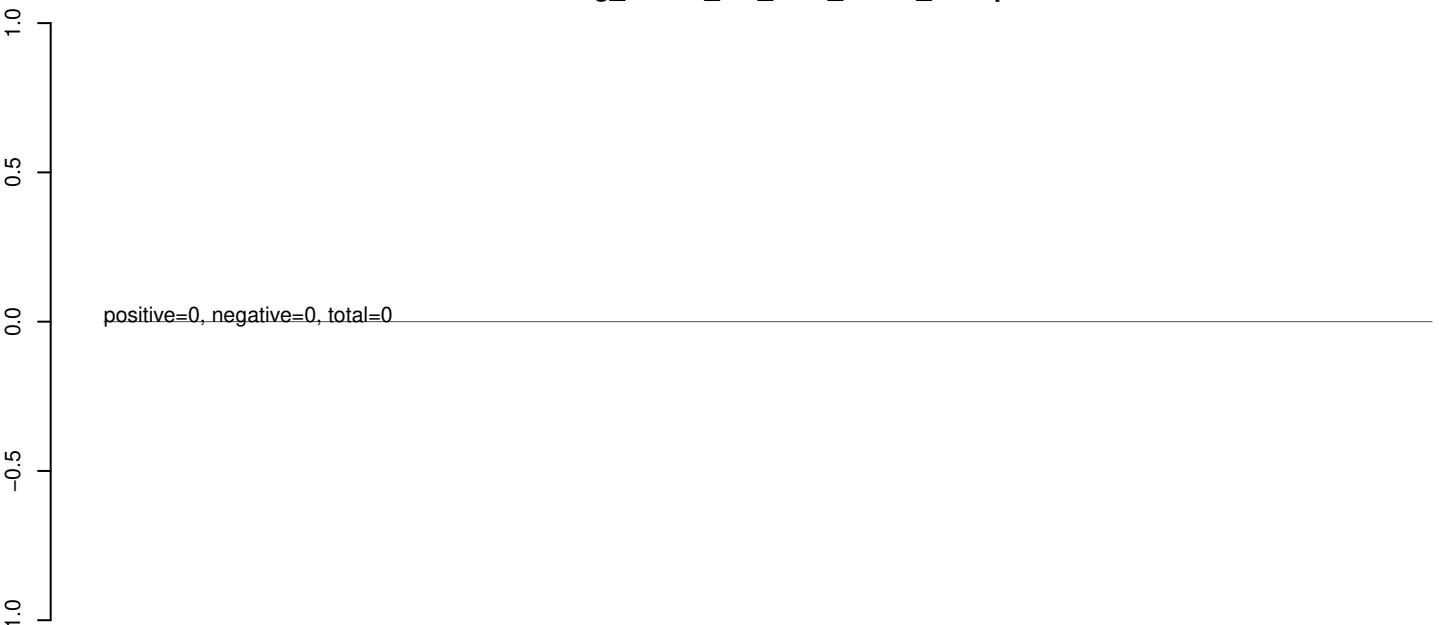
positive=0, negative=0, total=0

Window.size=25, length=284, TE@Copia-38\_AA-LTR:1-284

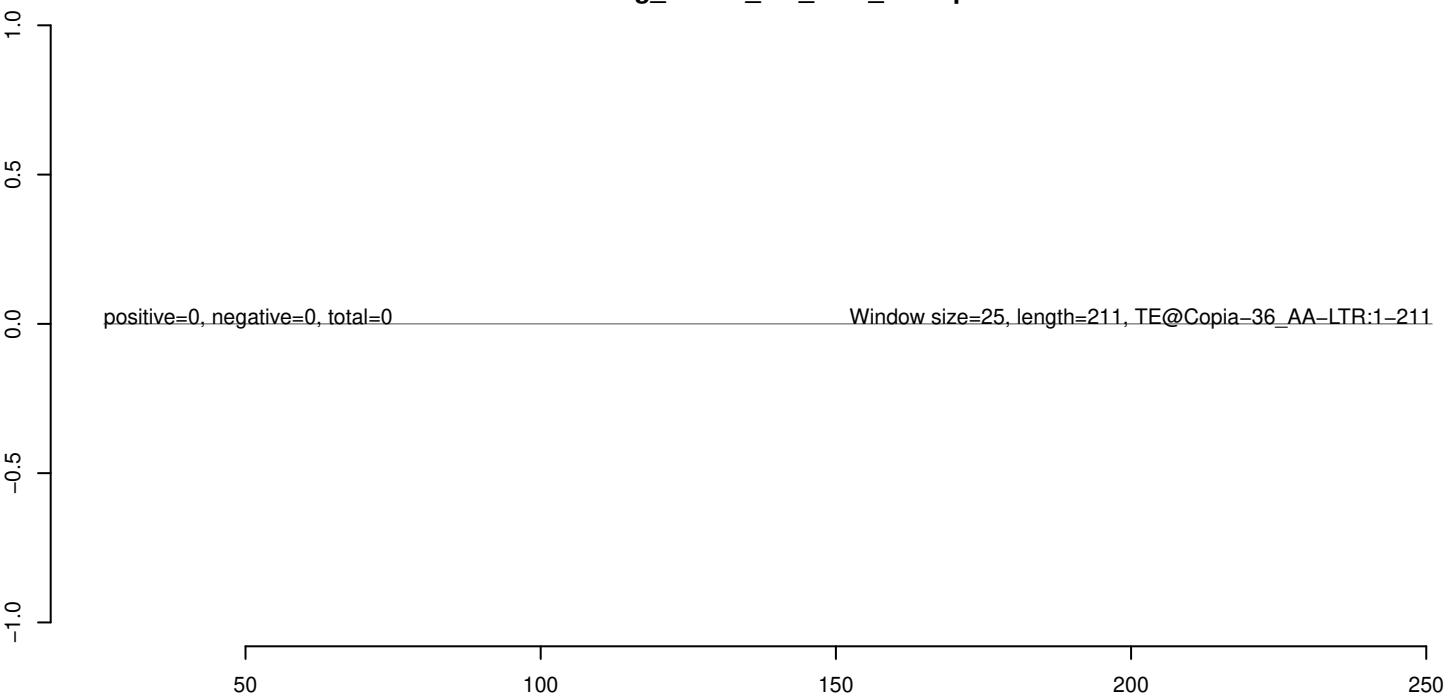
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

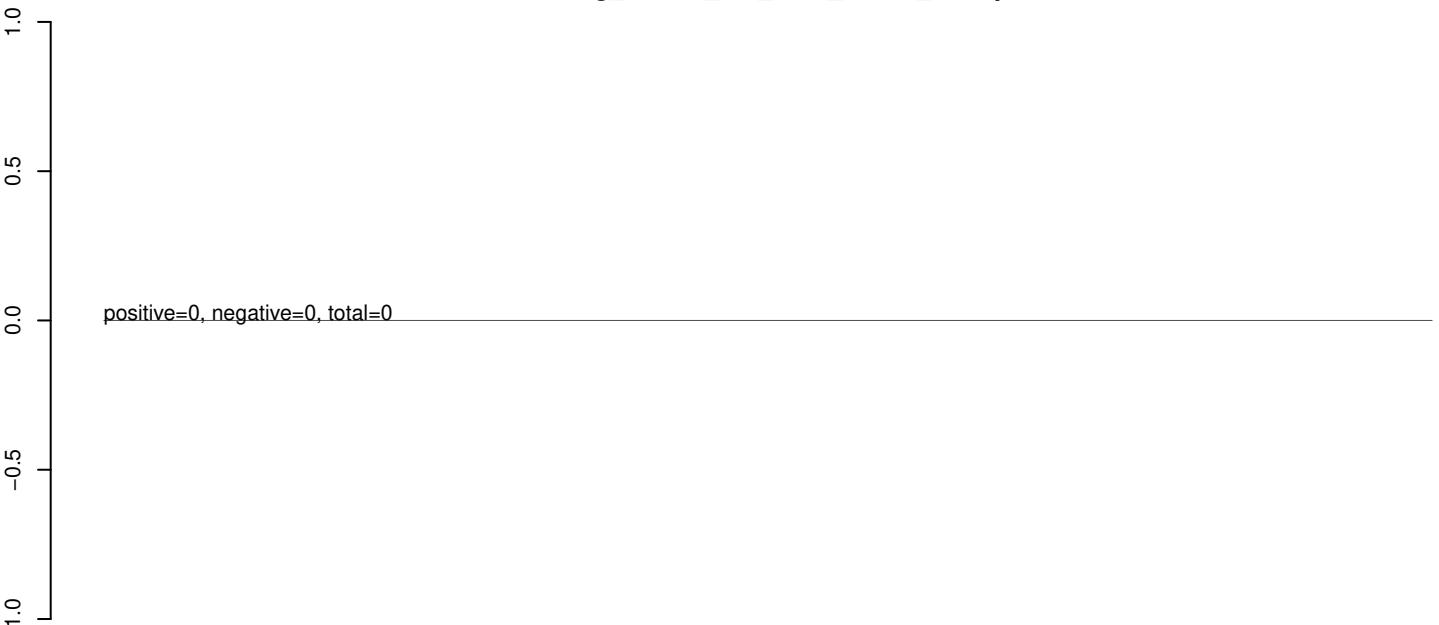
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

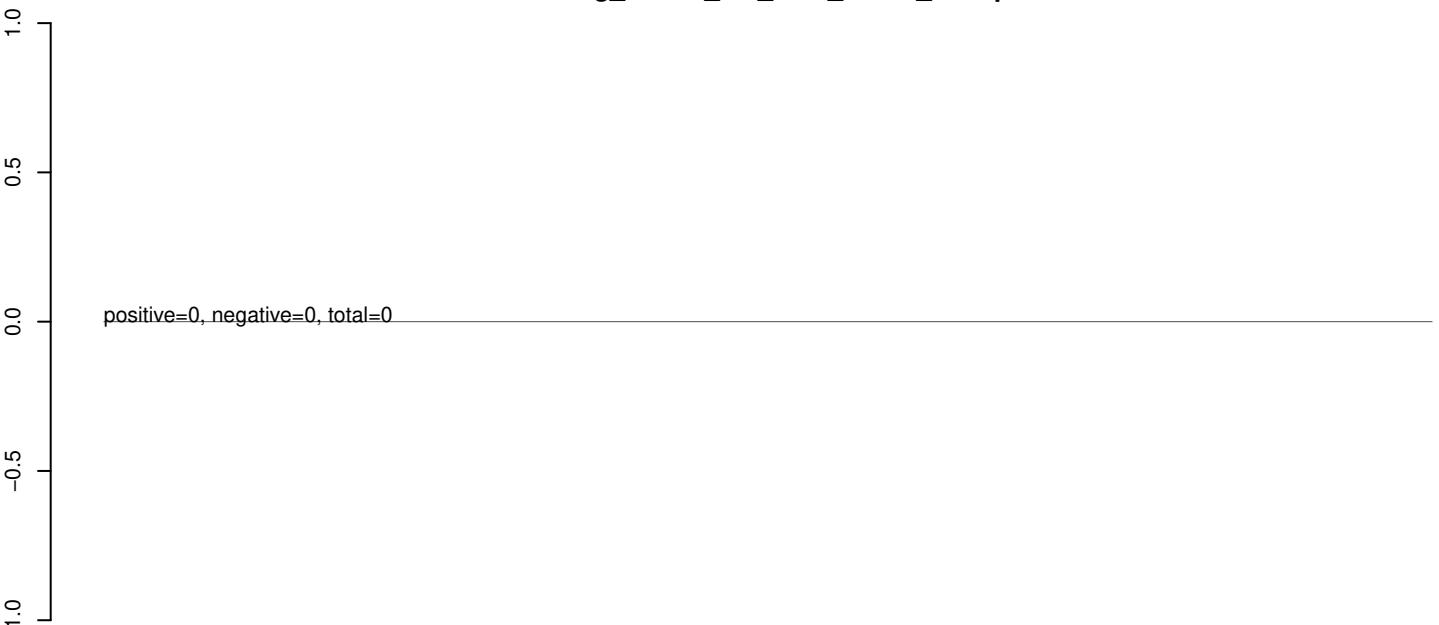
positive=0, negative=0, total=0

Window.size=25, length=294, TE@Copia-35\_AA-LTR:1-294

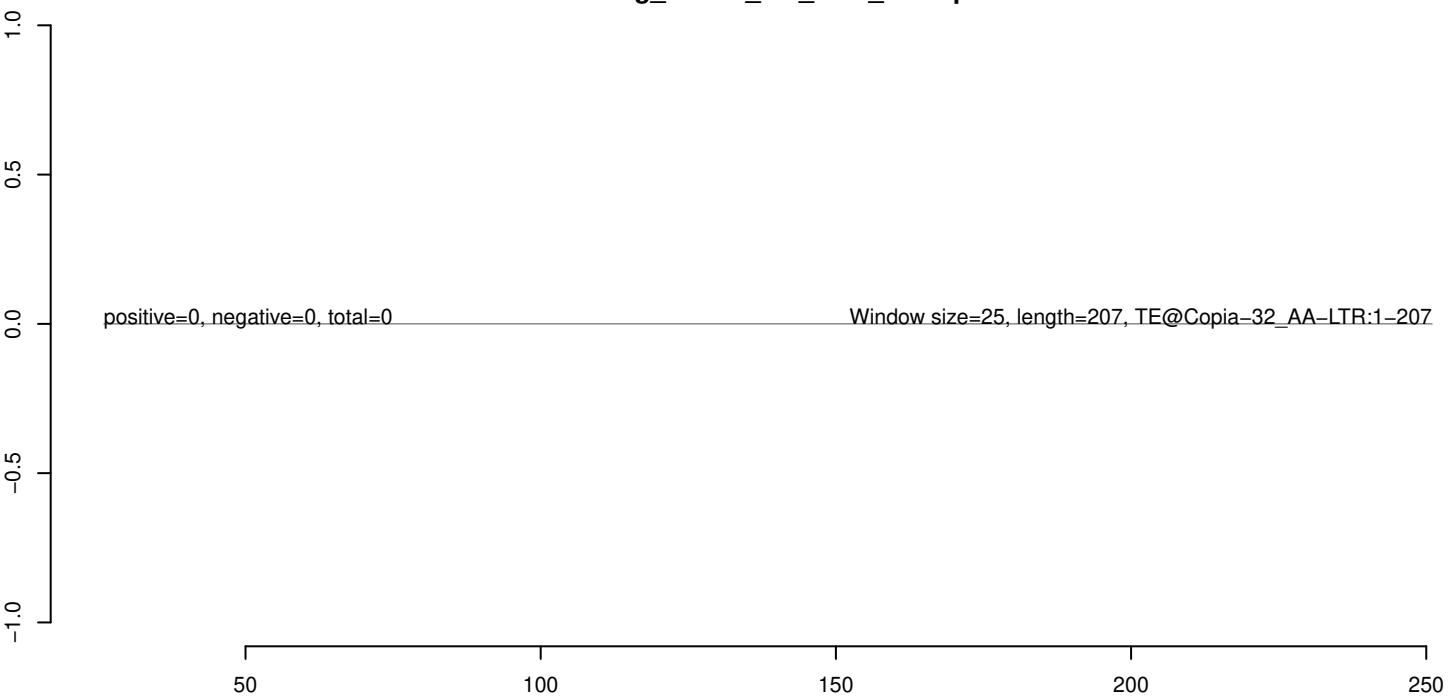
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

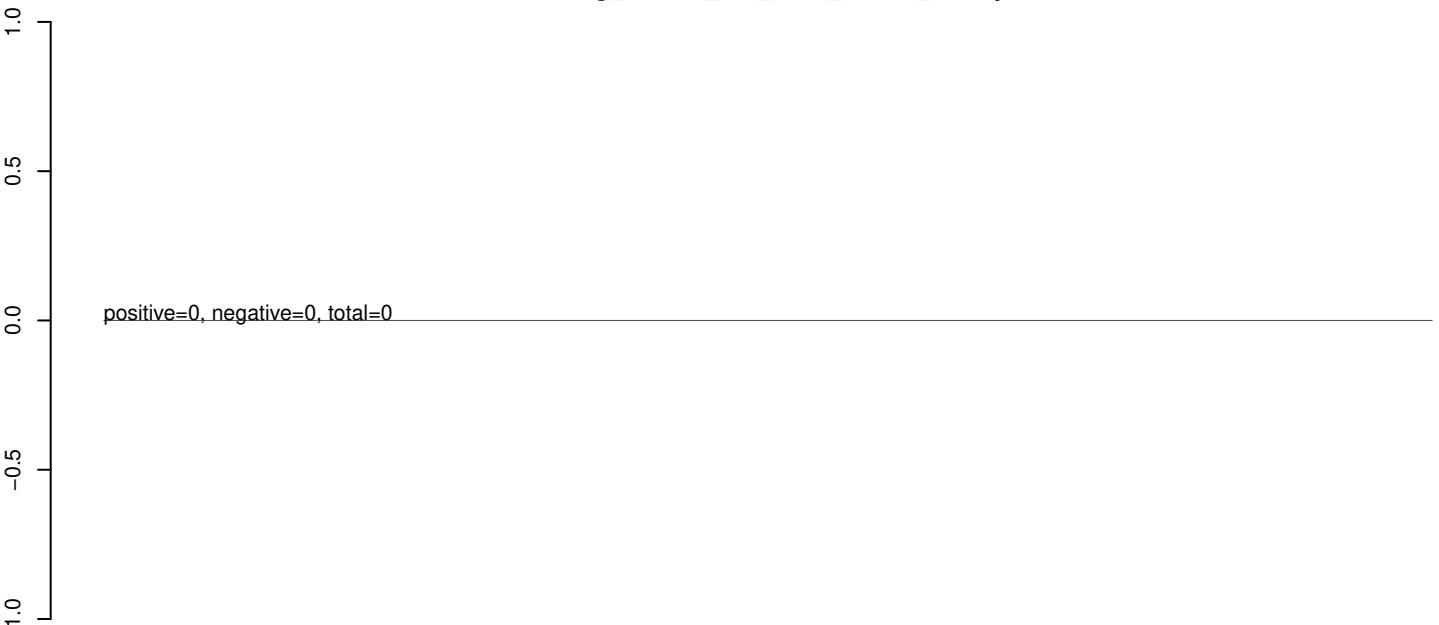
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

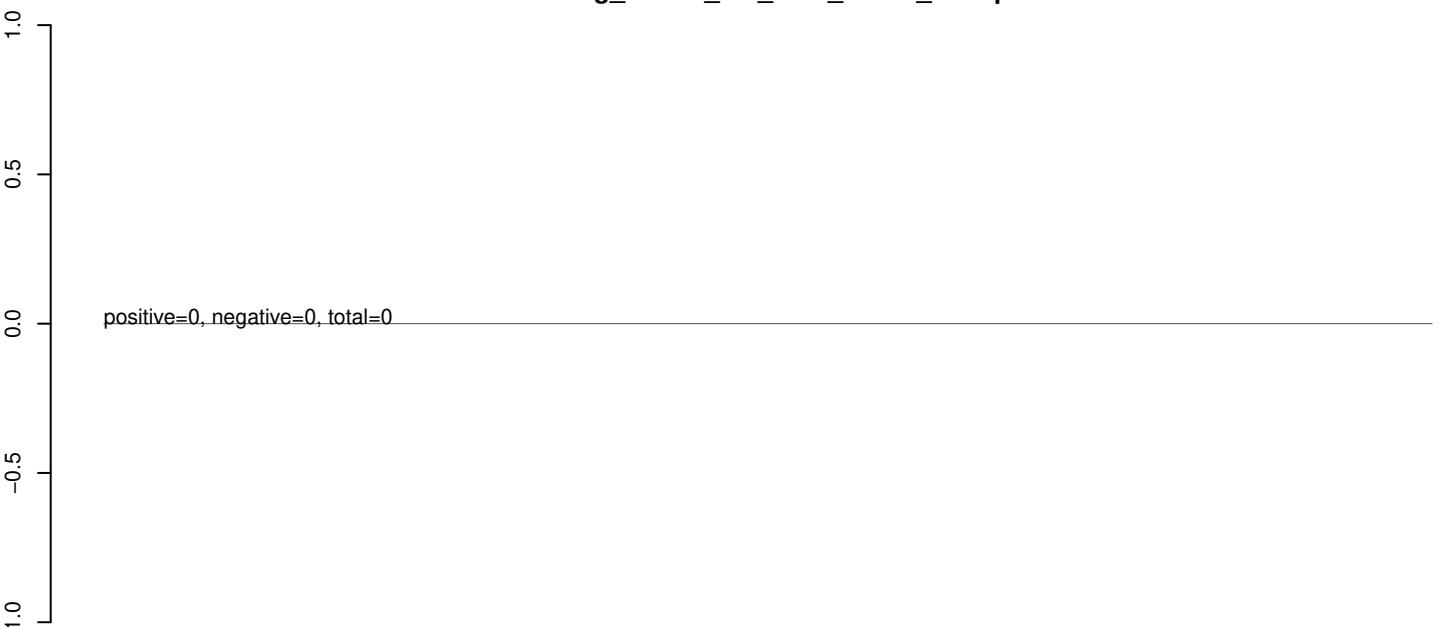
positive=0, negative=0, total=0

Window size=25, length=2305, TE@Copia-2\_AA-LTR-I:1-2305

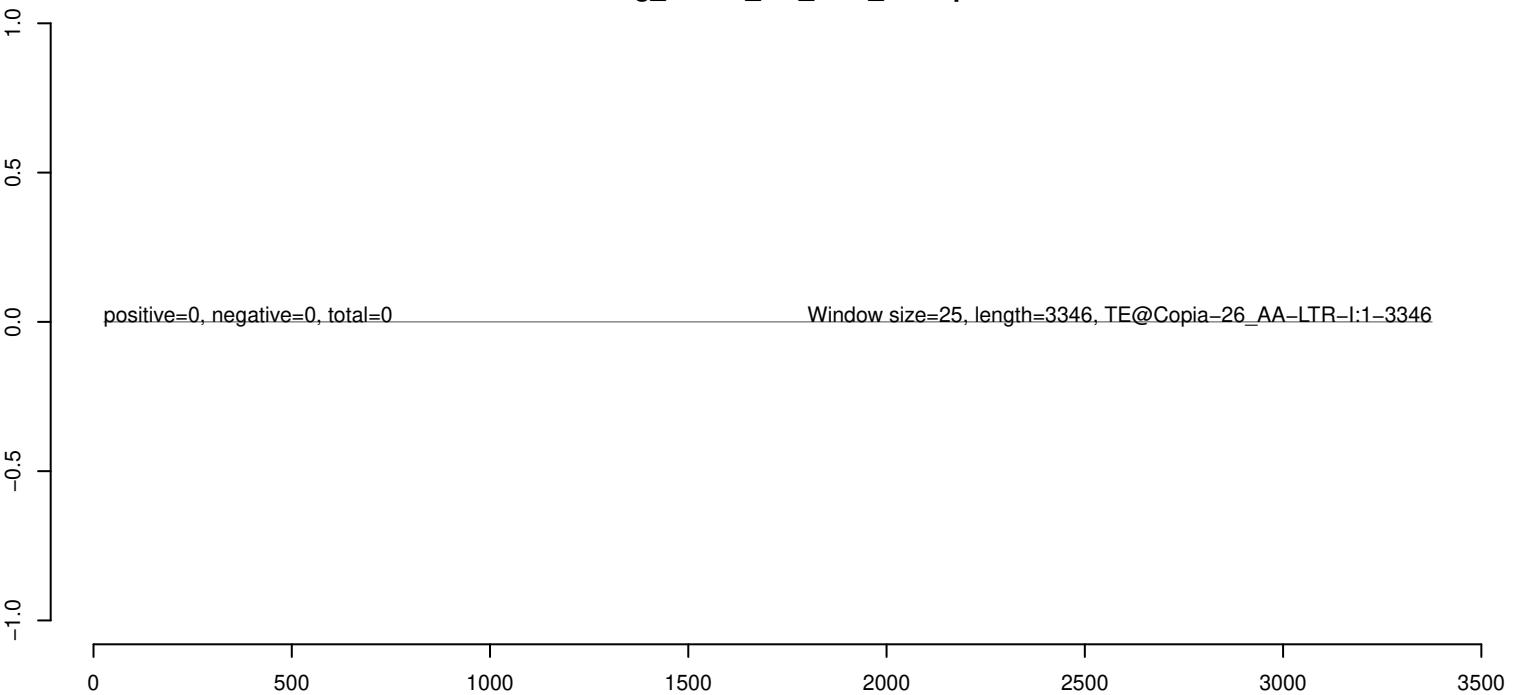
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



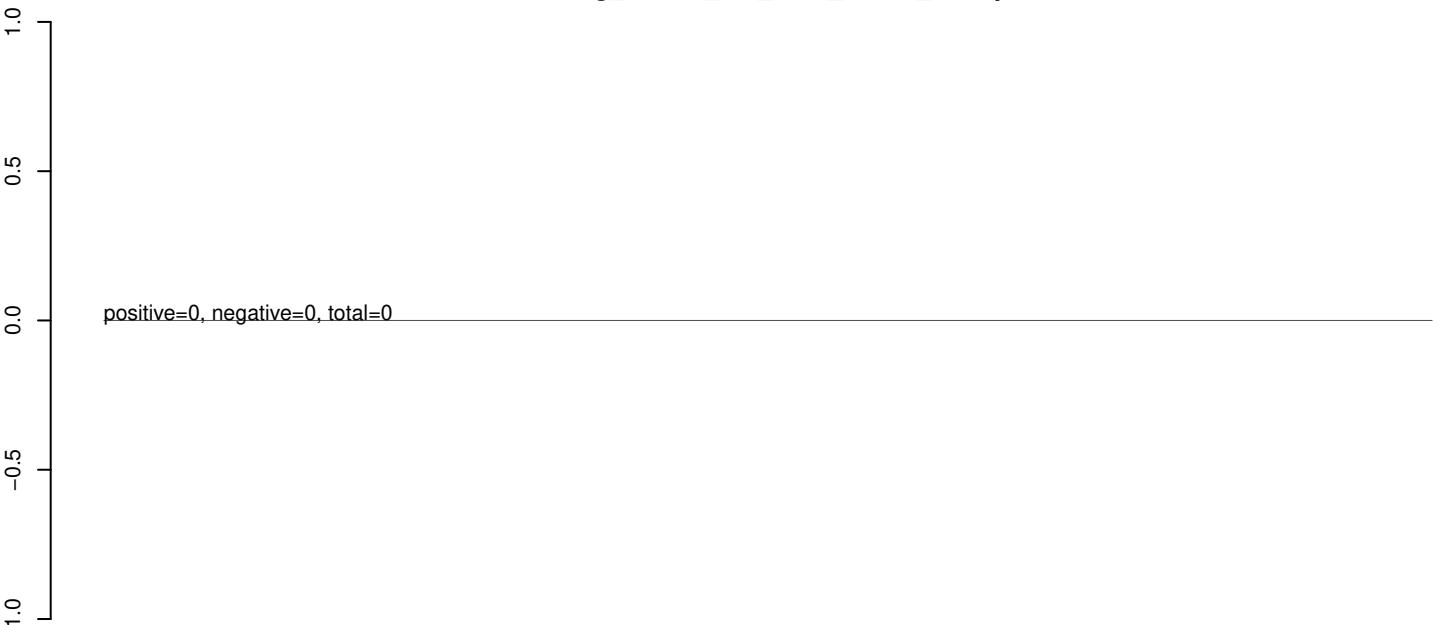
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



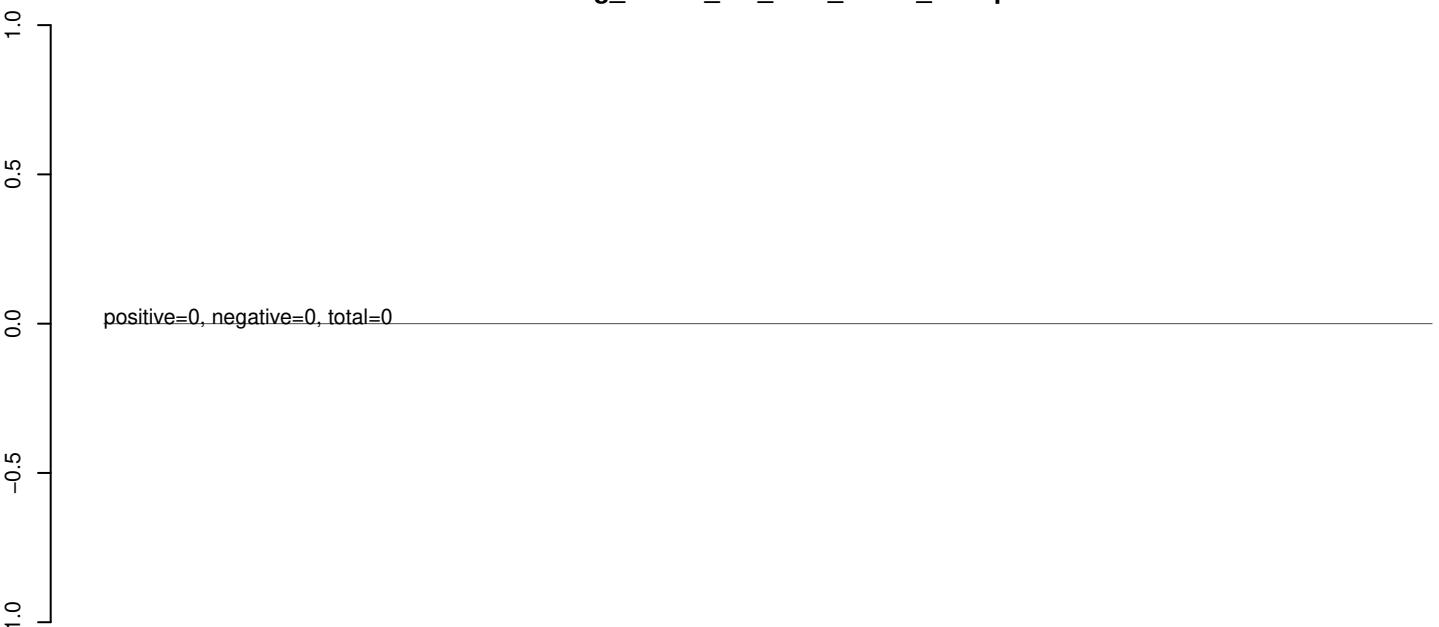
**AeAeg\_Whole\_sm\_r123\_JM.rep**



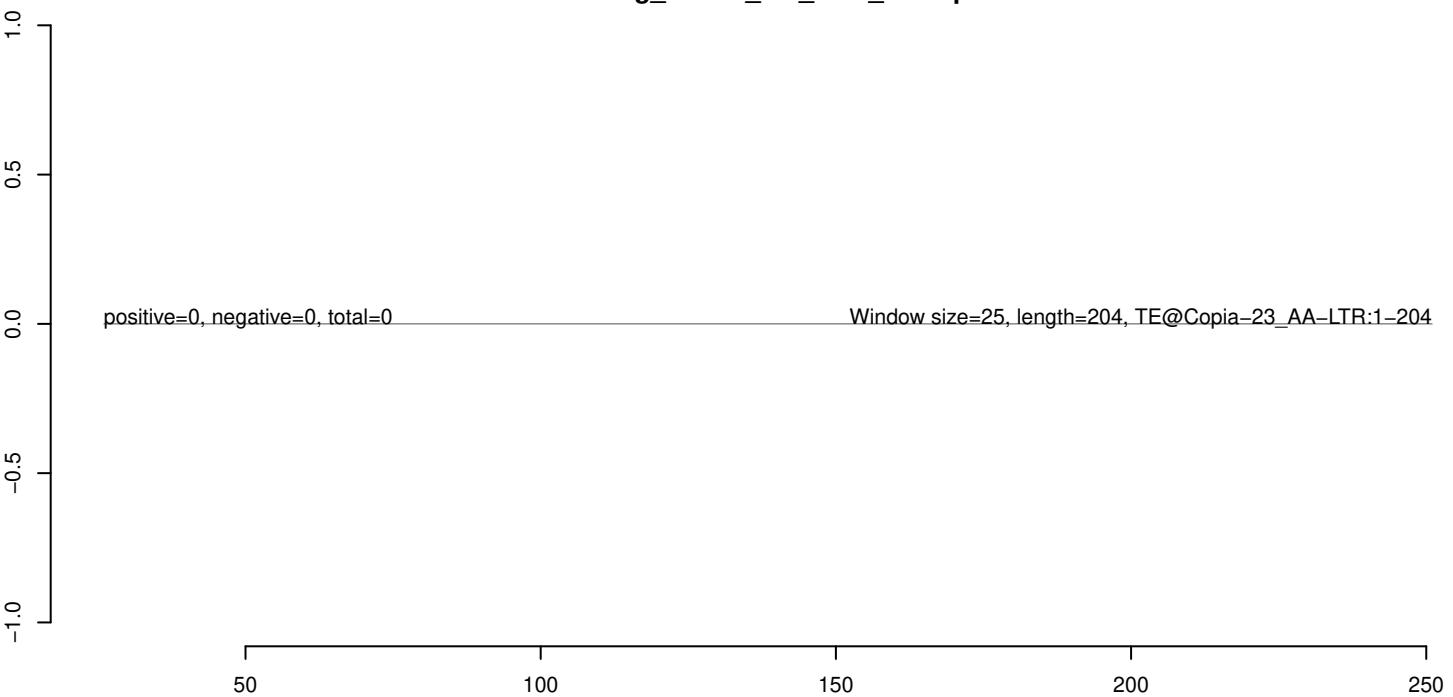
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=2778, TE@Copia-1\_AA-LTR-I:1-2778

0 500 1000 1500 2000 2500

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=4280, TE@Copia-13\_AA-LTR-I:1-4280

0

1000

2000

3000

4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

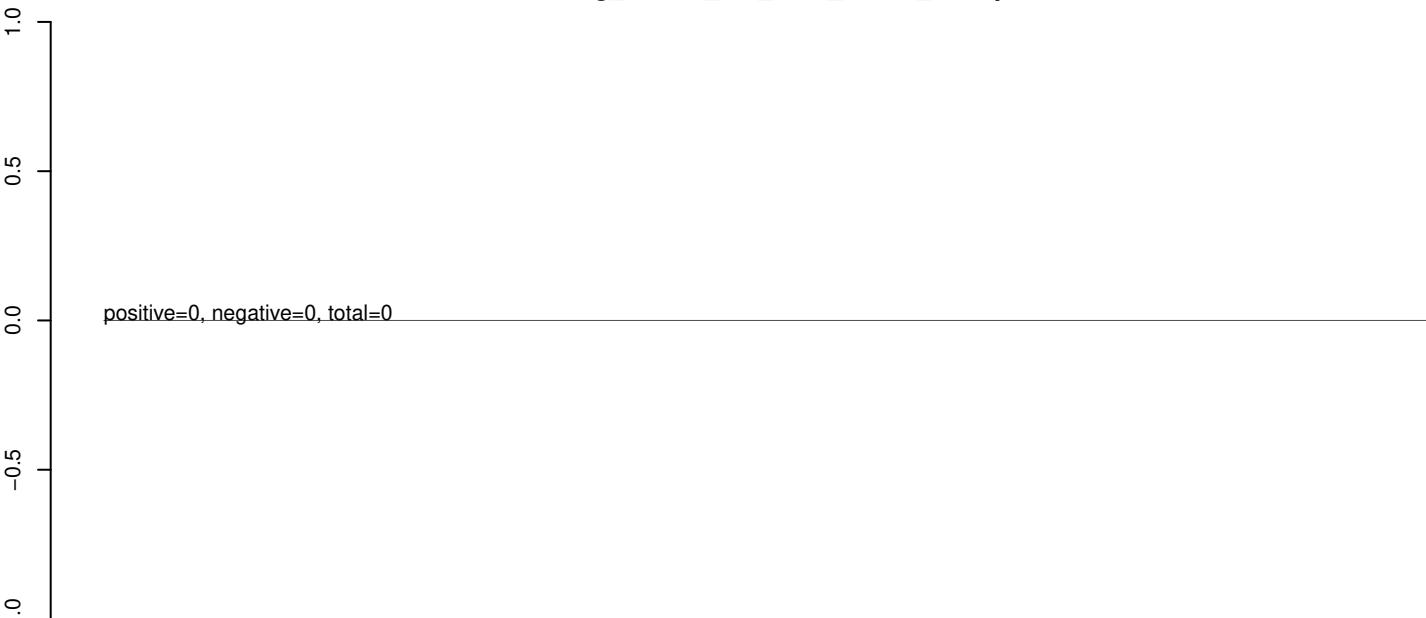
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

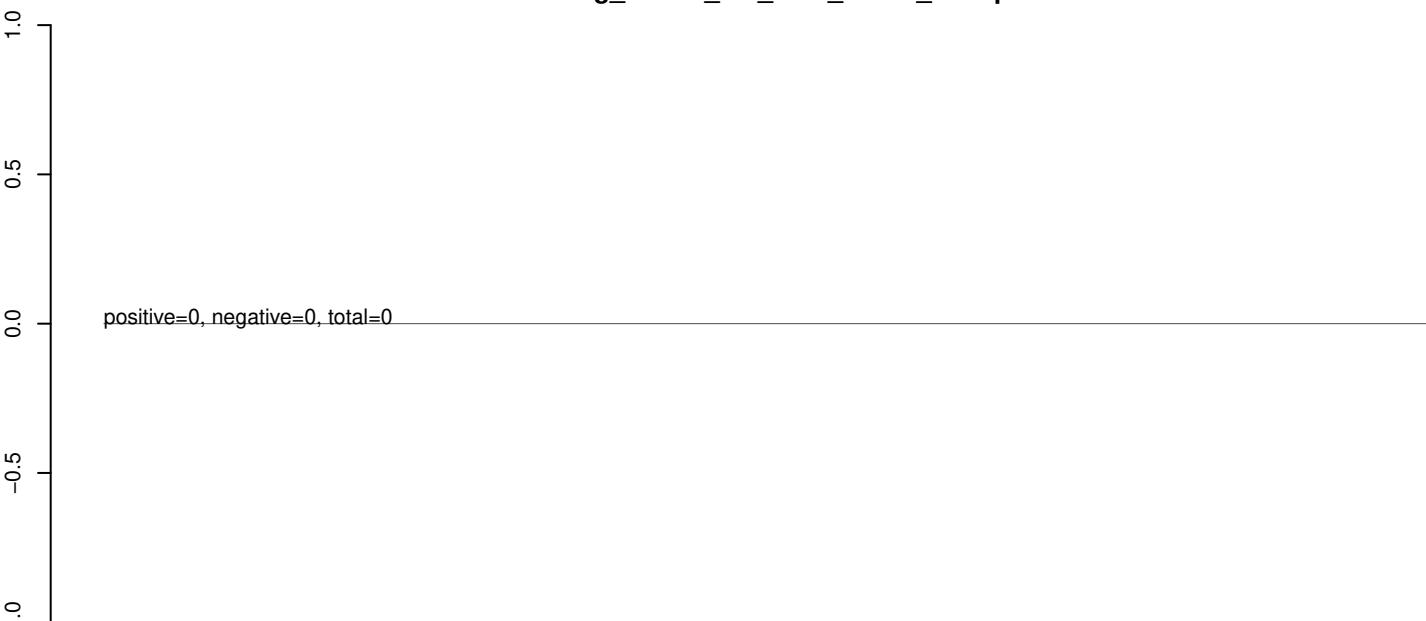
Window size=25, length=3361, TE@Copia-12\_AA-LTR-l:1-3361

0 500 1000 1500 2000 2500 3000 3500

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



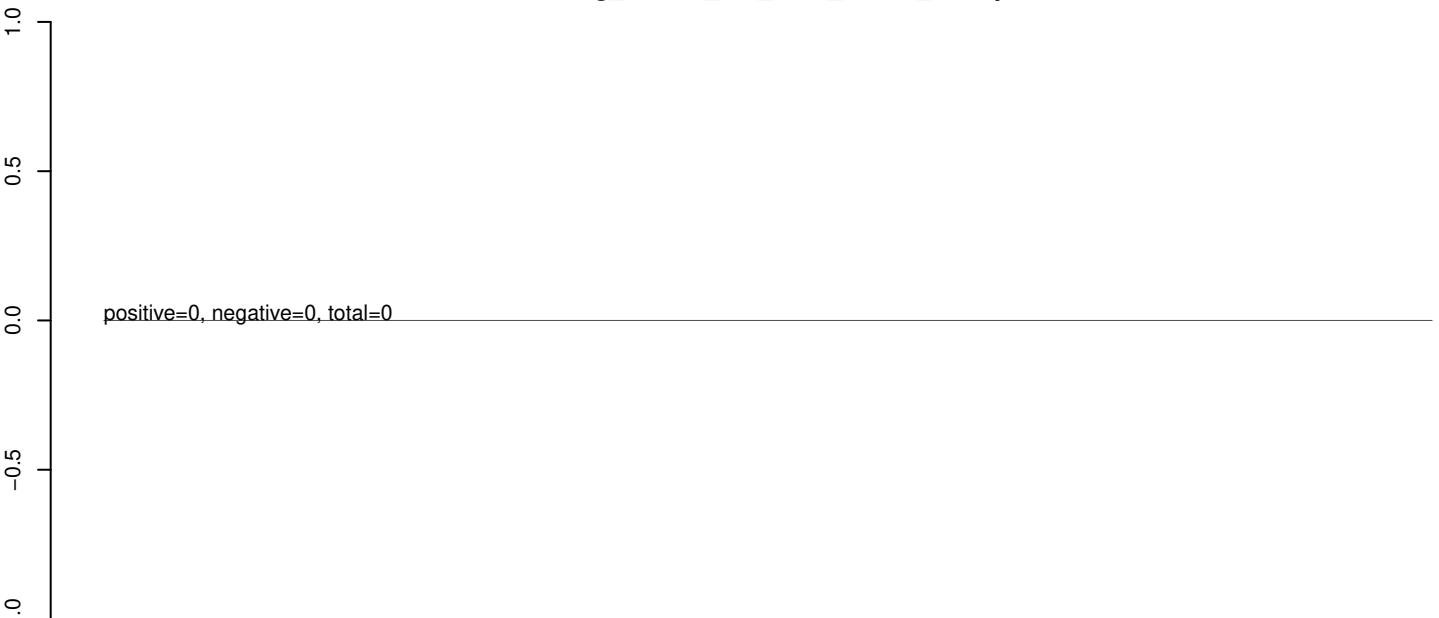
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



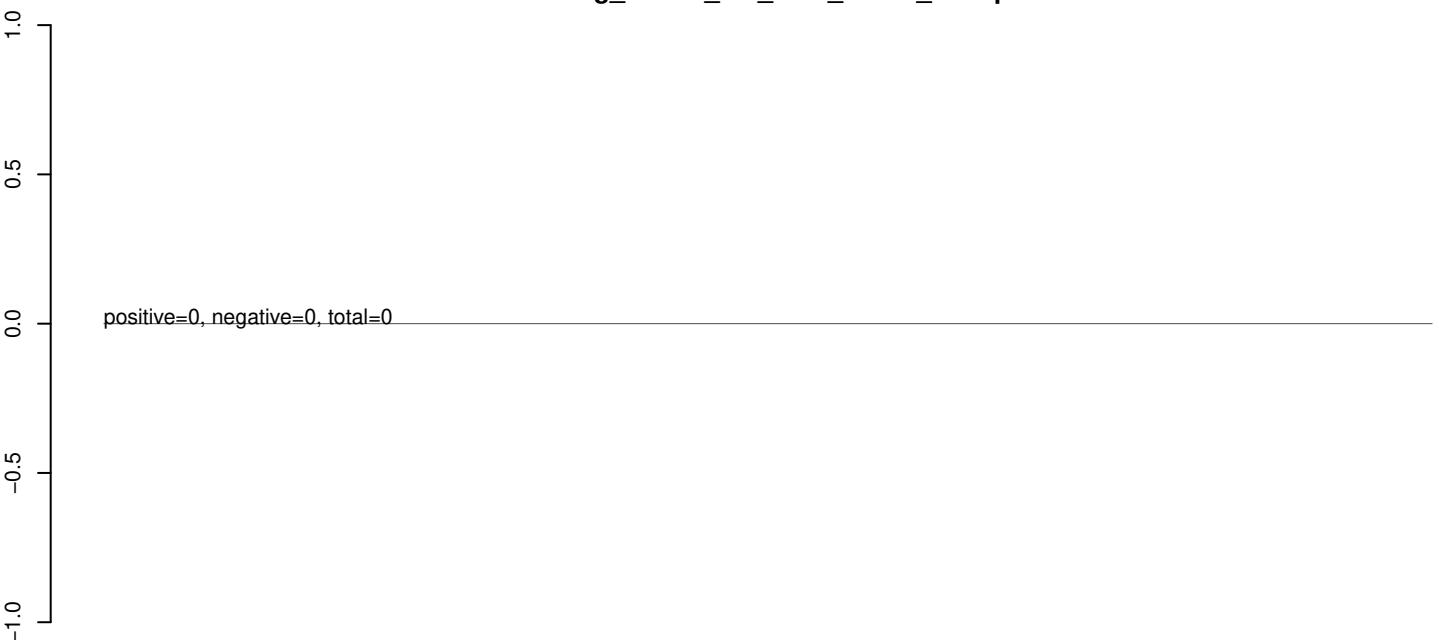
**AeAeg\_Whole\_sm\_r123\_JM.rep**



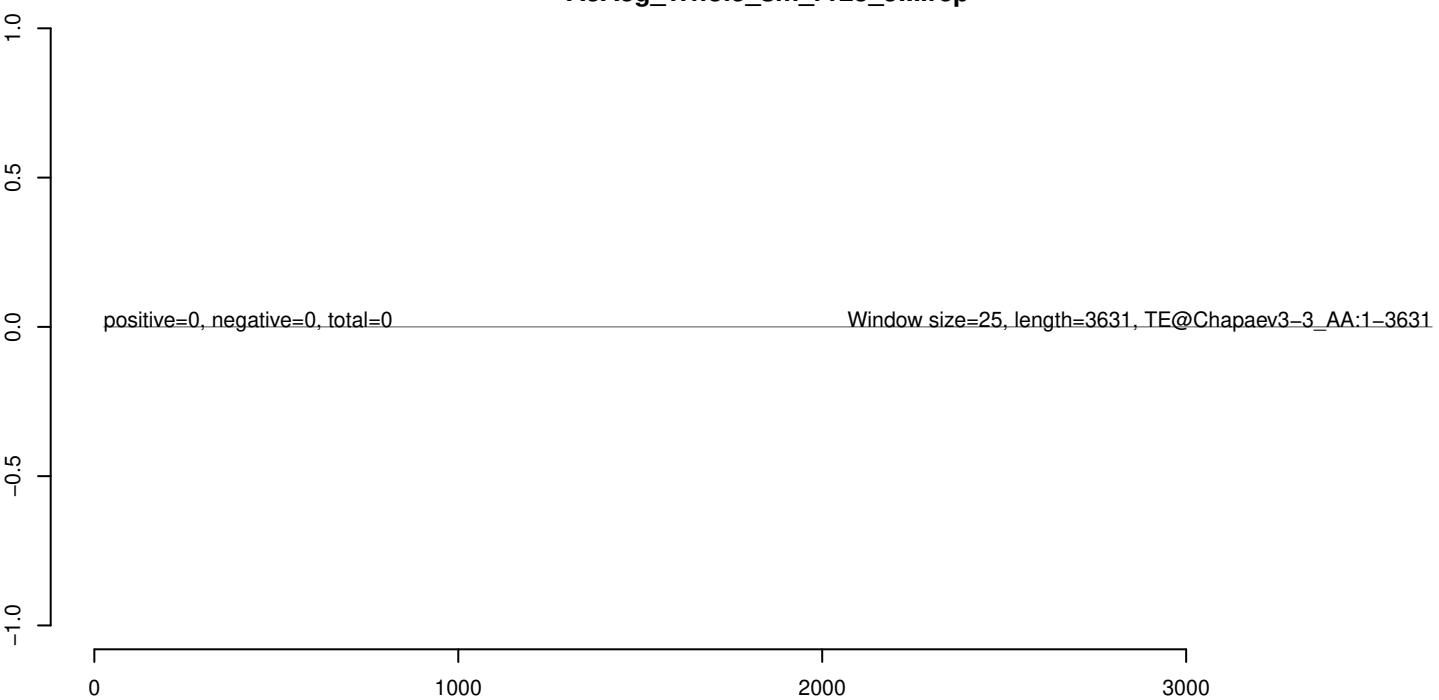
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



### AeAeg\_Whole\_sm\_r123\_JM.rep



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

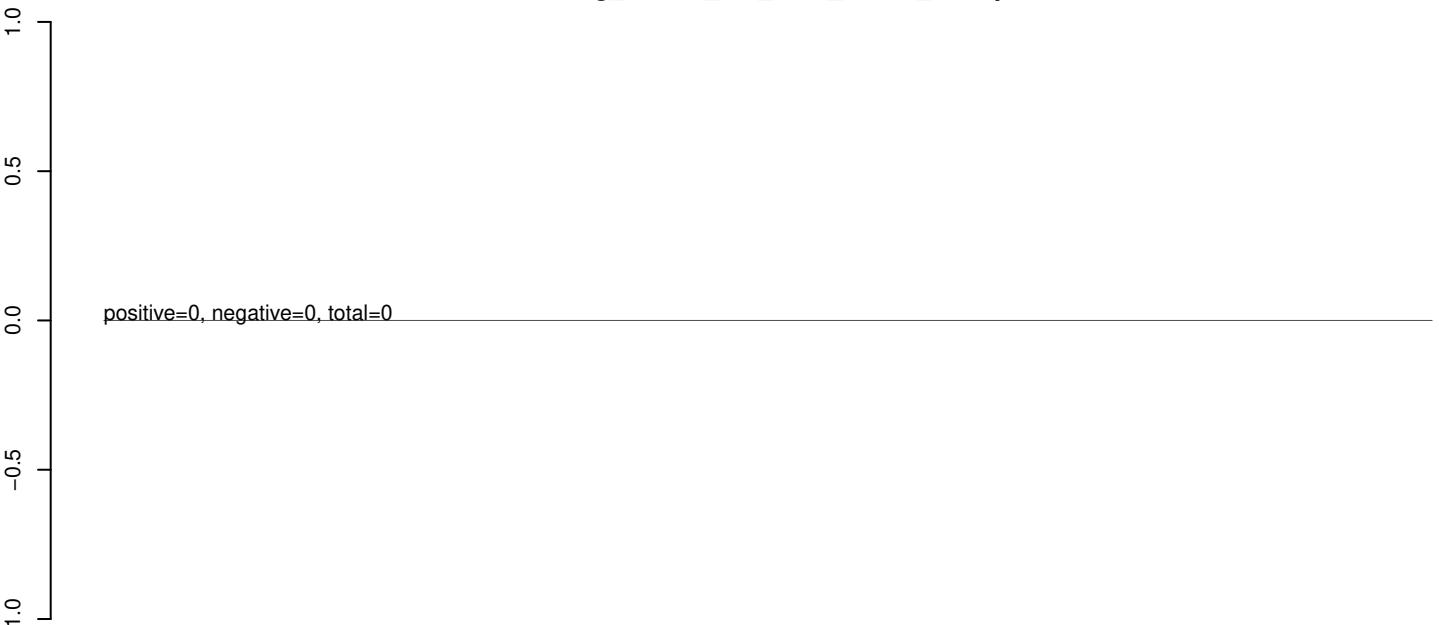
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

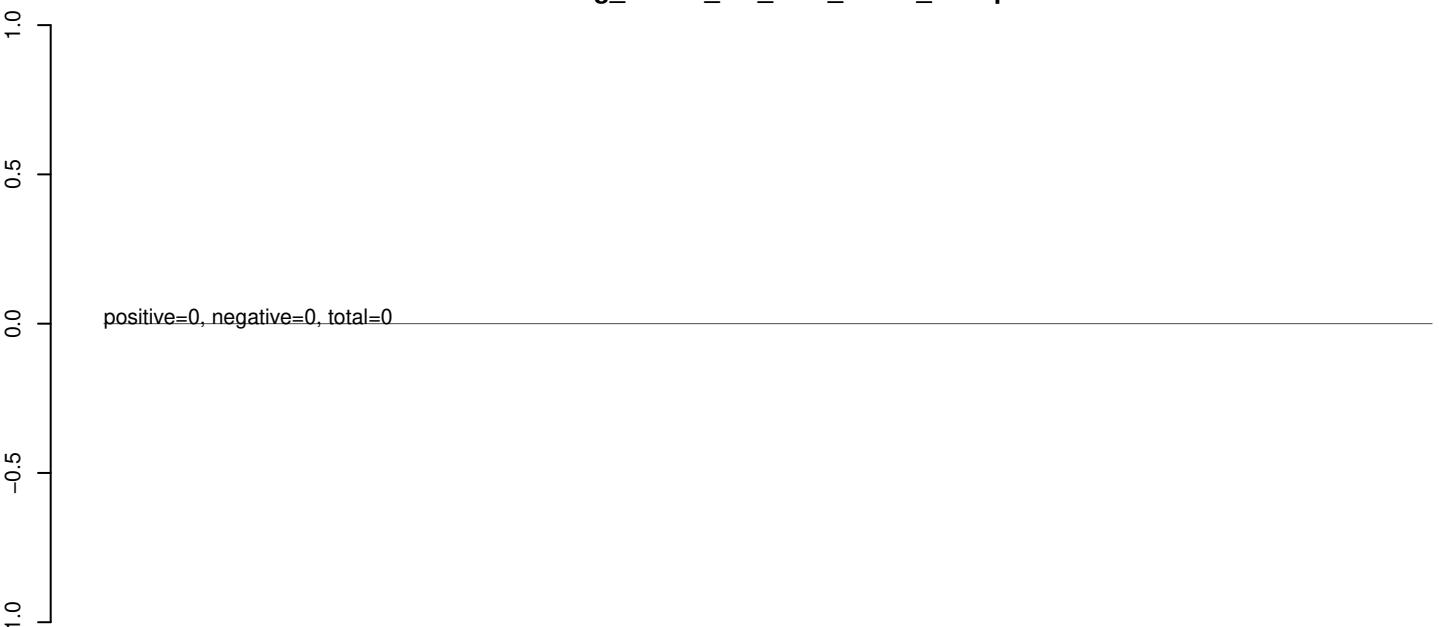
Window size=25, length=5071, TE@Chapaev3-1\_AA:1-5071

0 1000 2000 3000 4000 5000

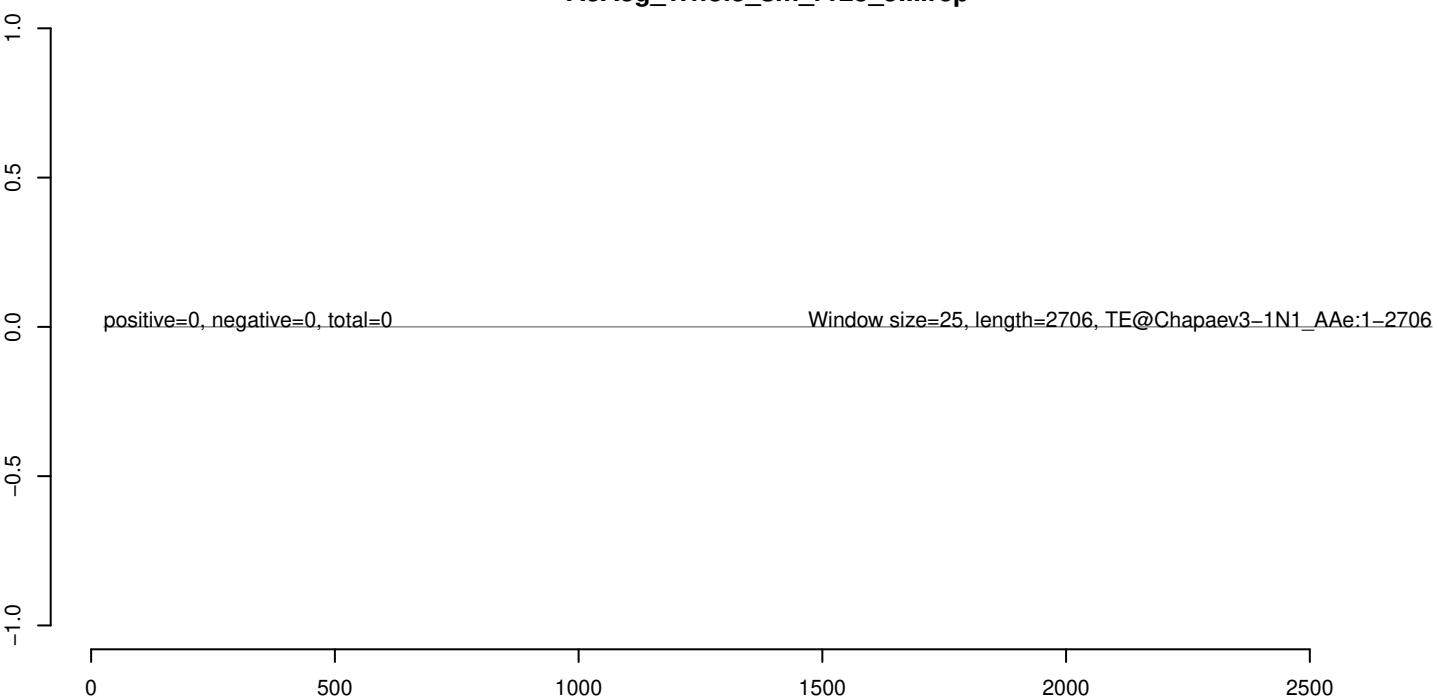
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

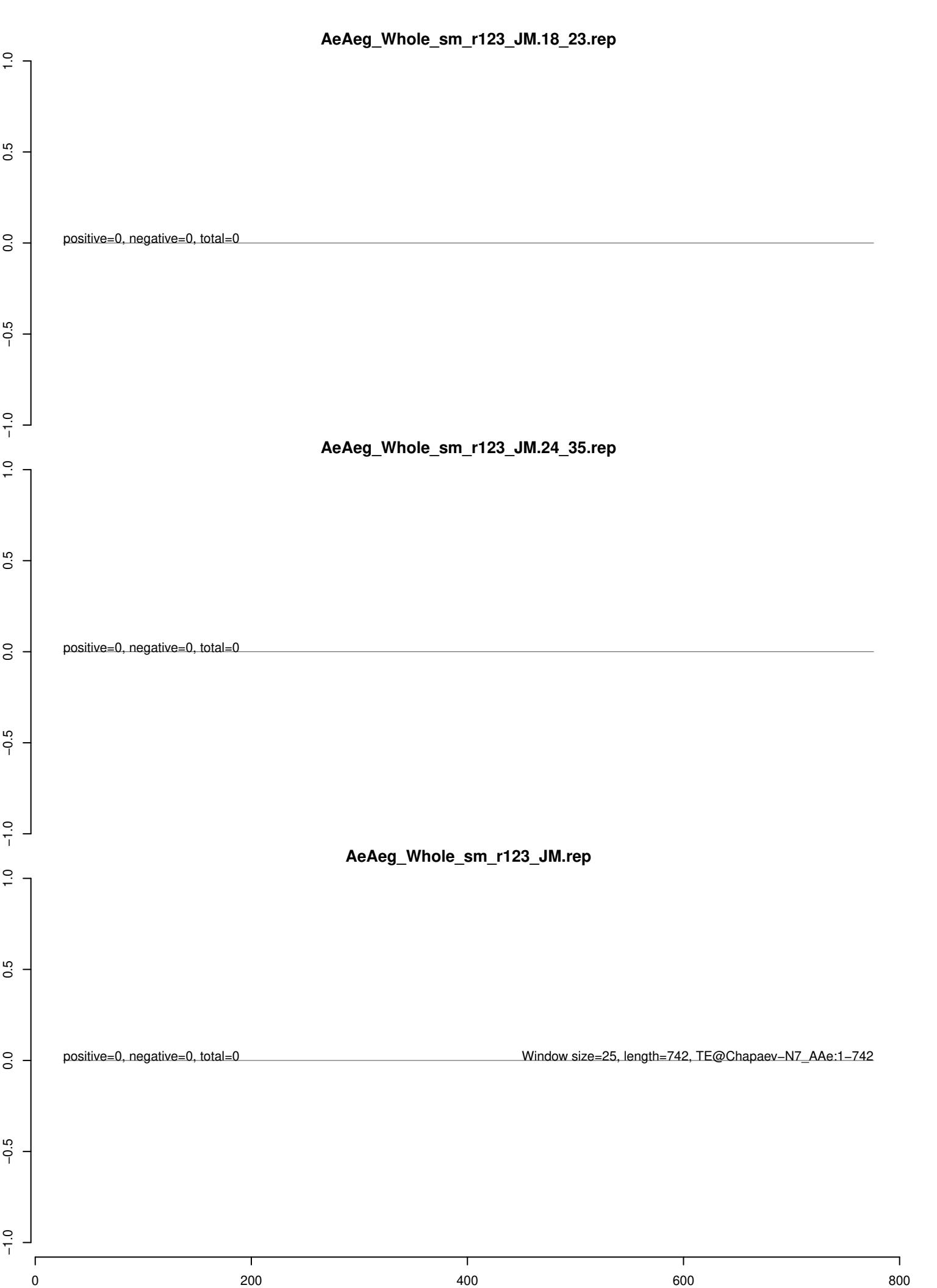
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

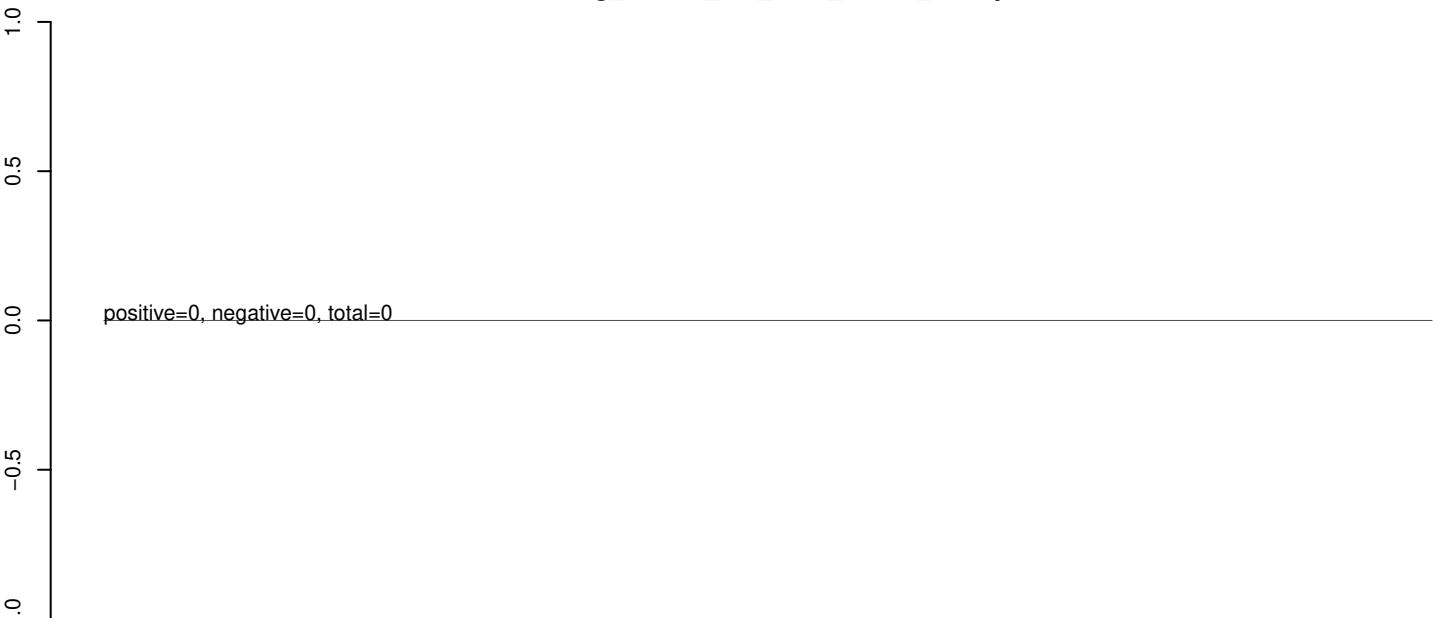
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

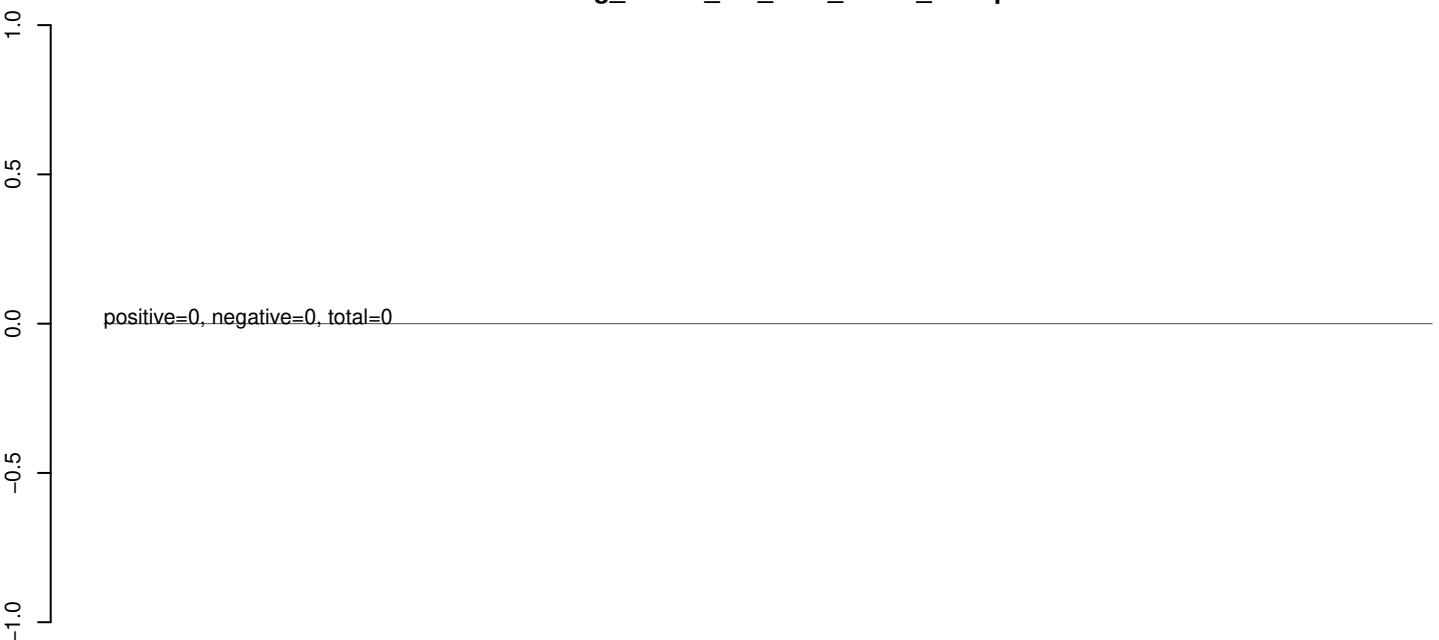
Window size=25, length=742, TE@Chapaev-N7\_AAe:1-742



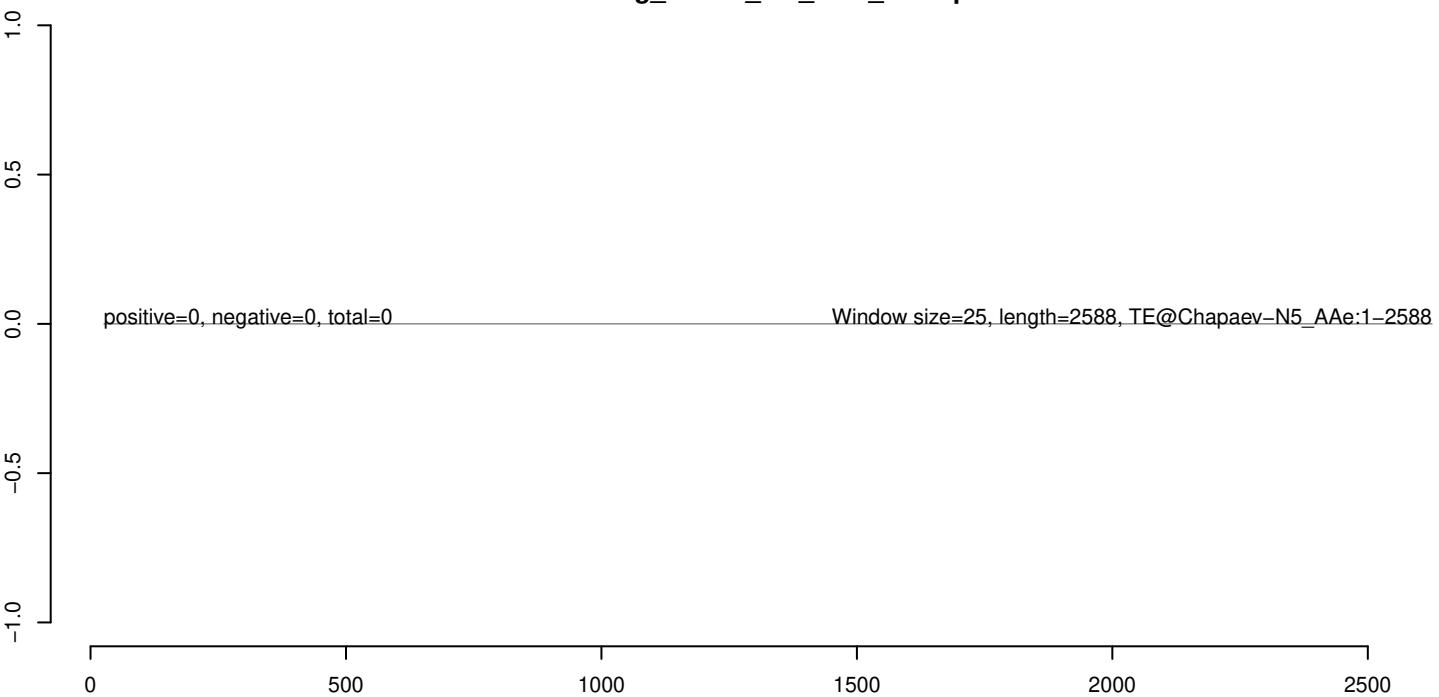
### AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep



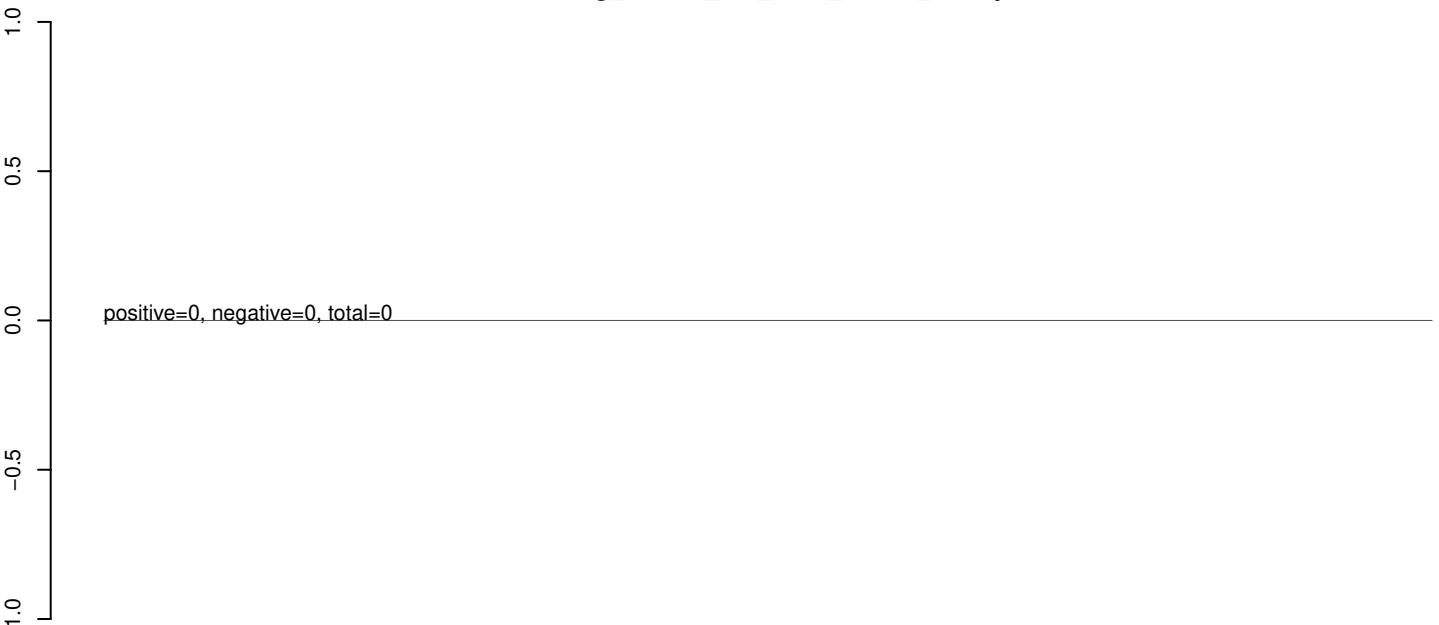
### AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep



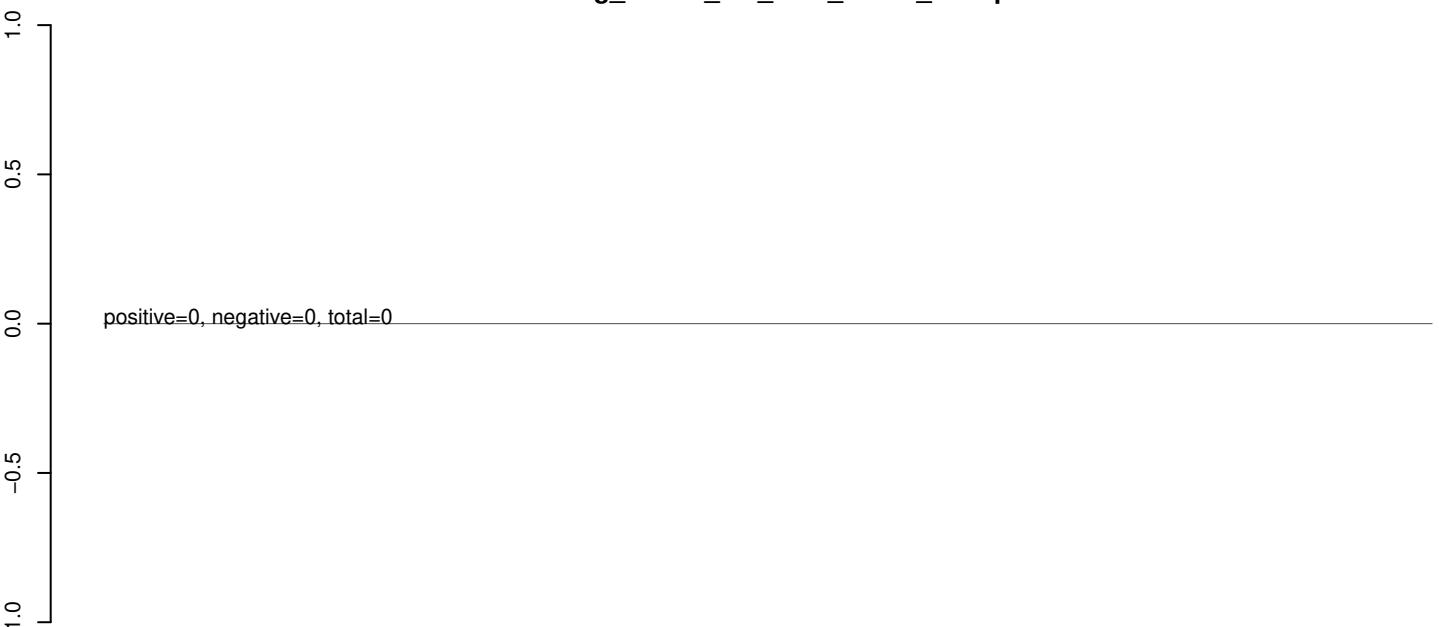
### AeAeg\_Whole\_sm\_r123\_JM.rep



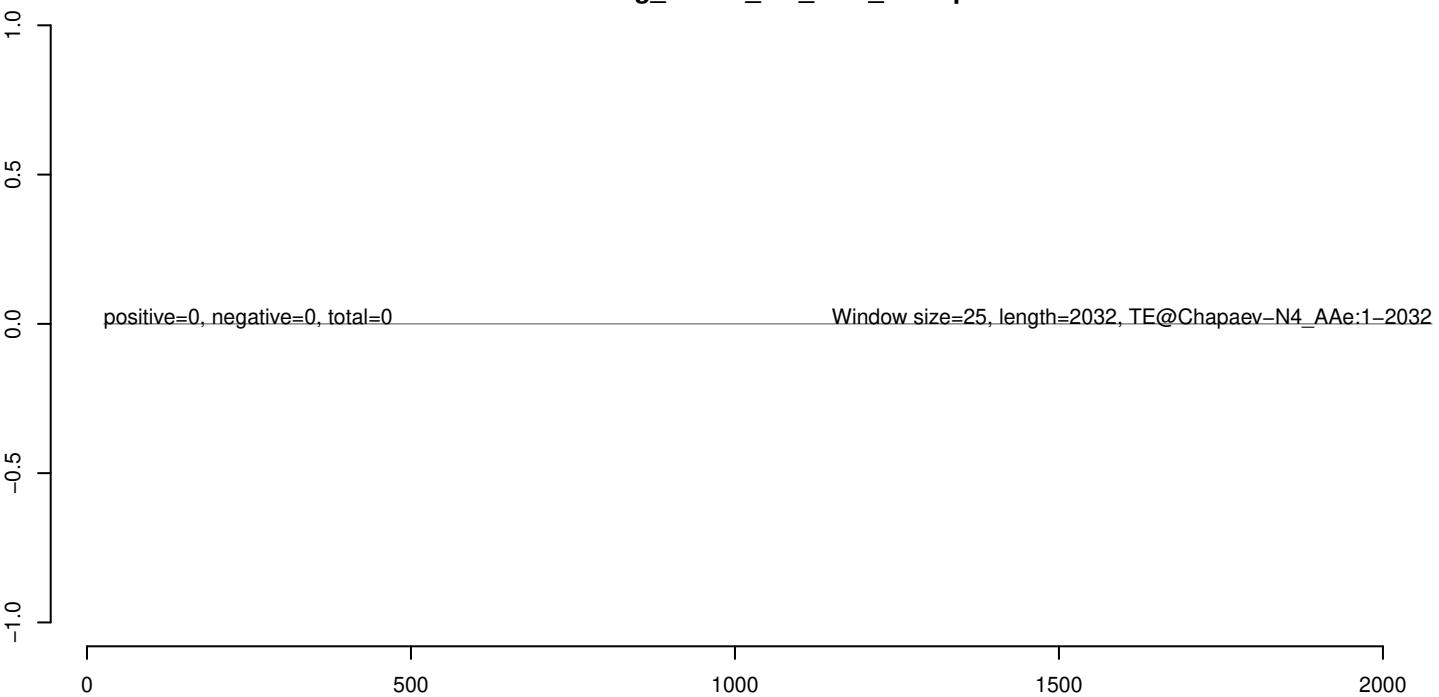
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



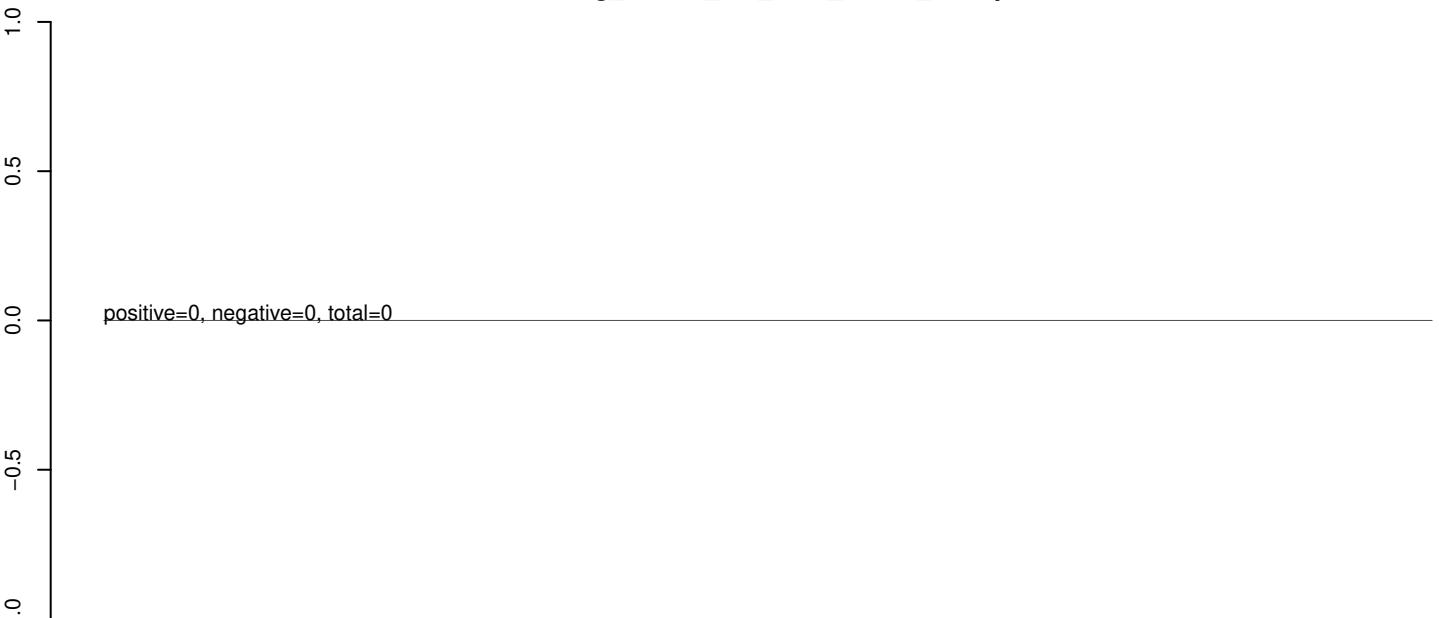
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



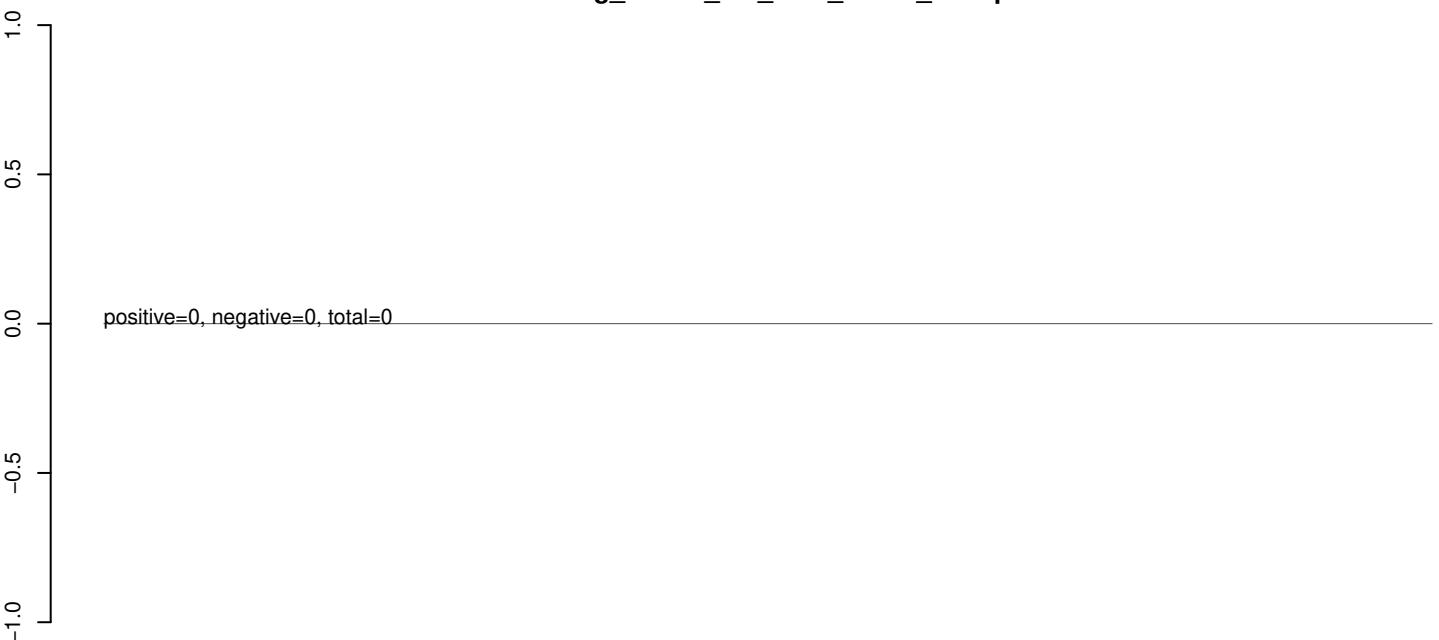
**AeAeg\_Whole\_sm\_r123\_JM.rep**



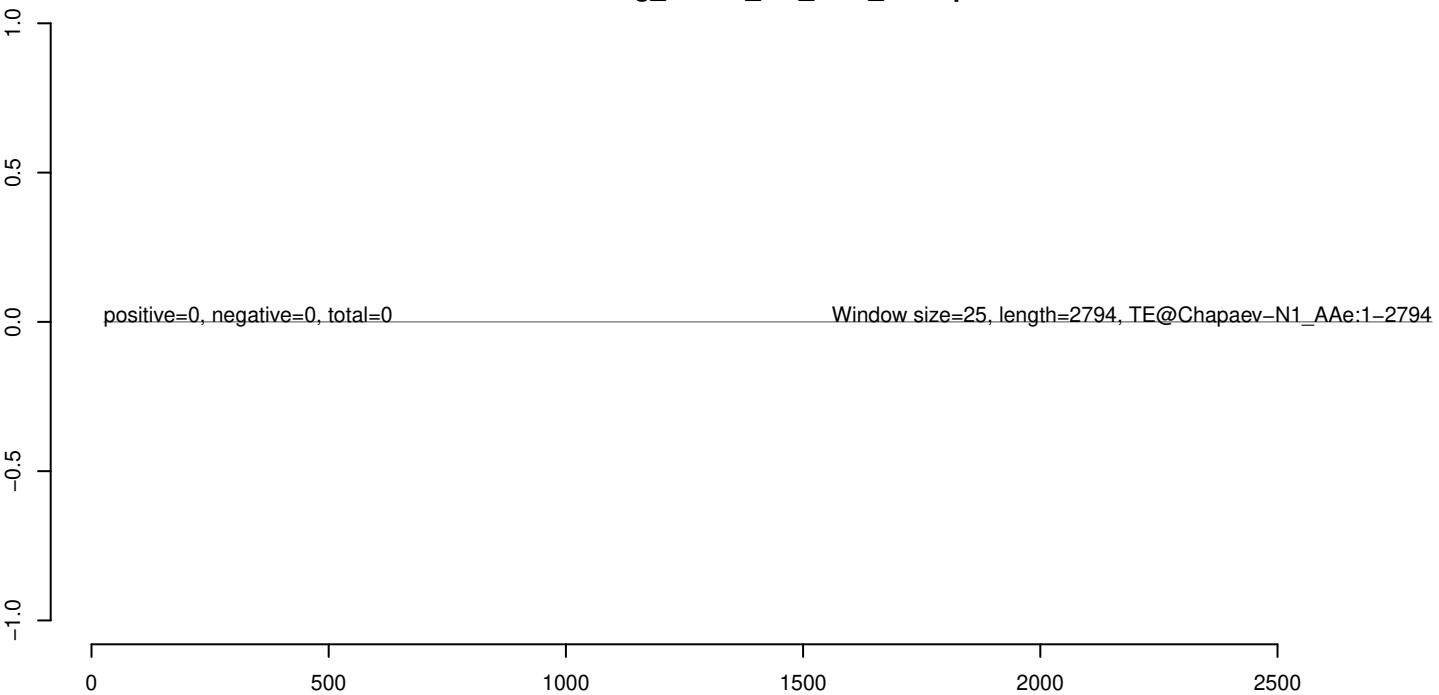
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



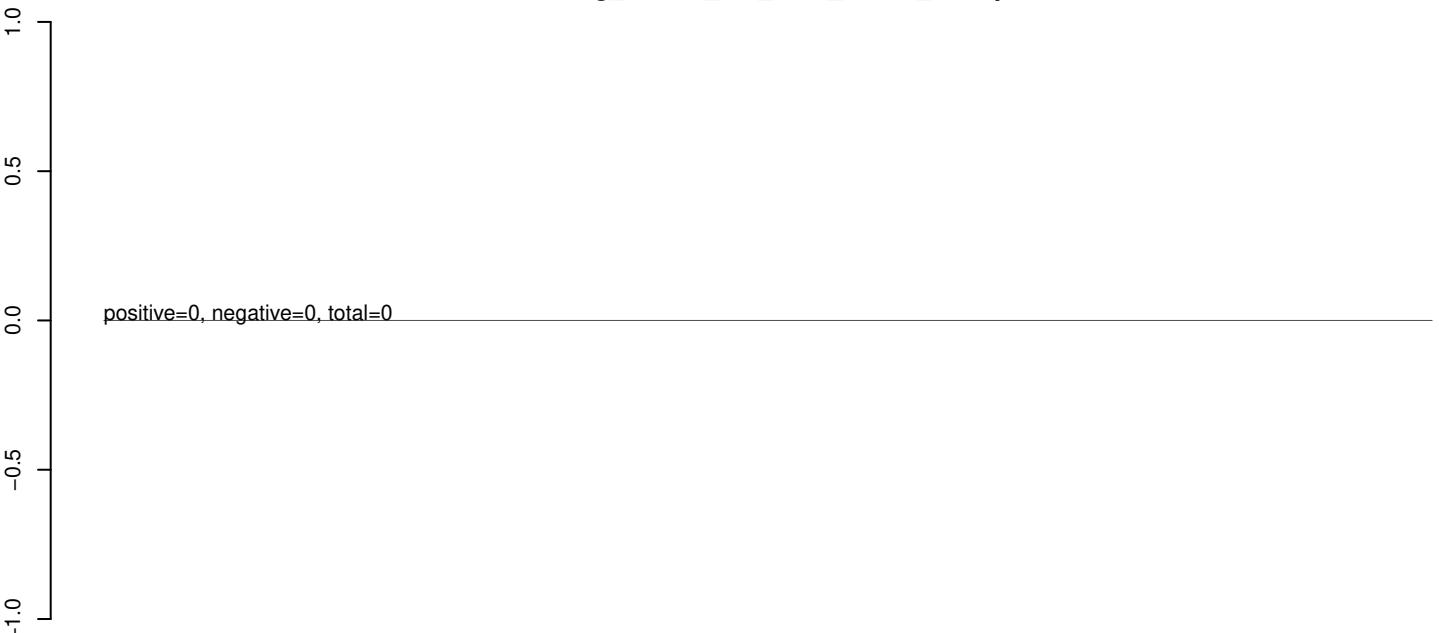
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



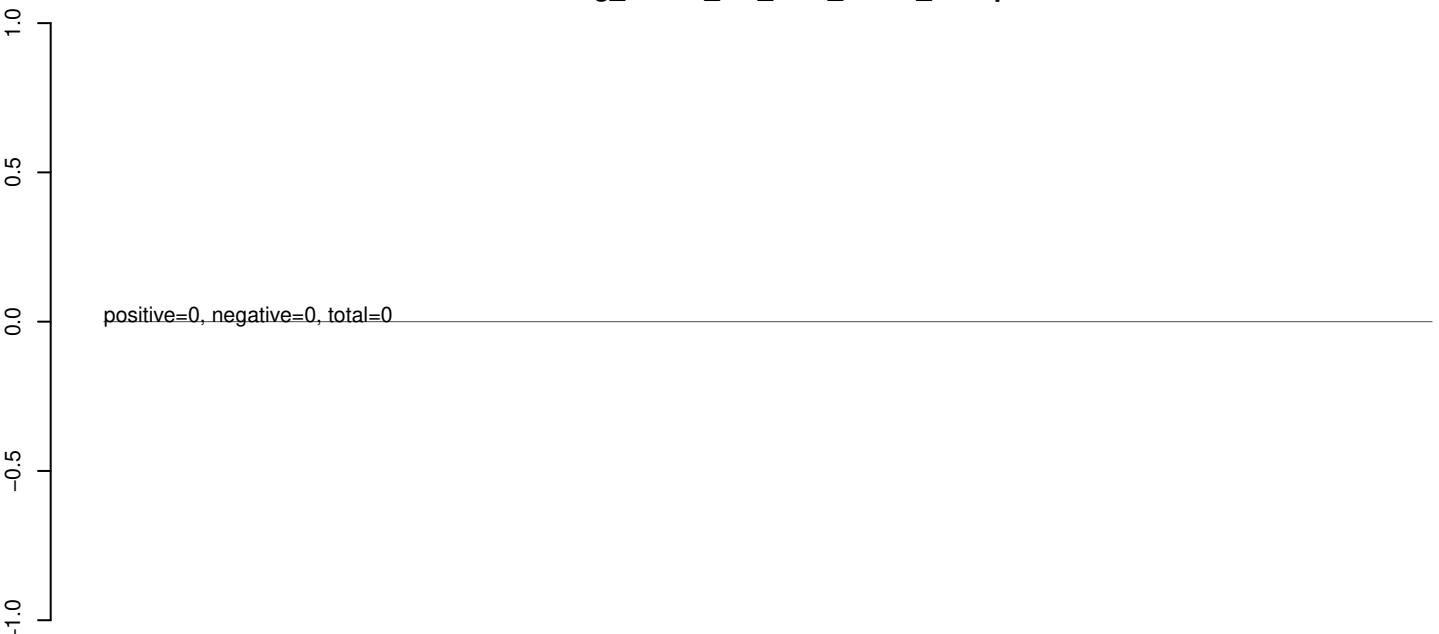
**AeAeg\_Whole\_sm\_r123\_JM.rep**



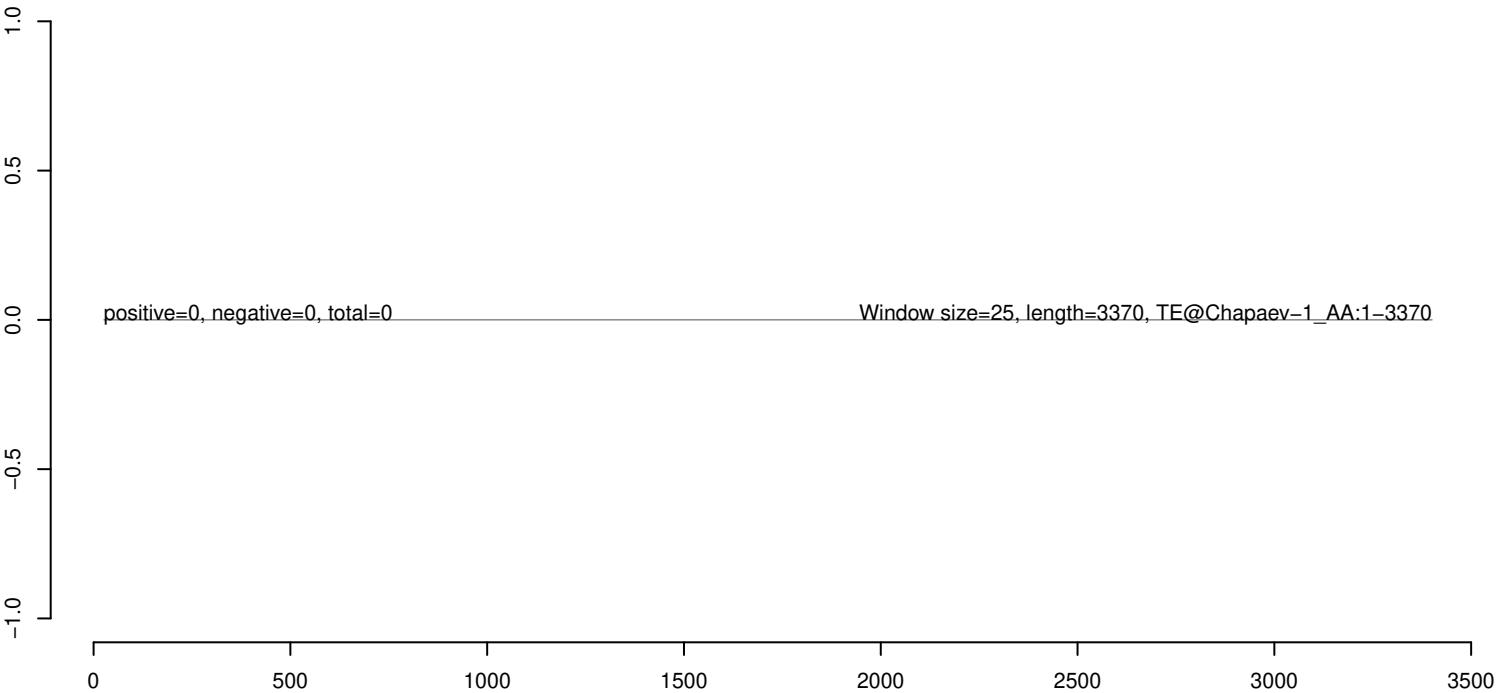
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



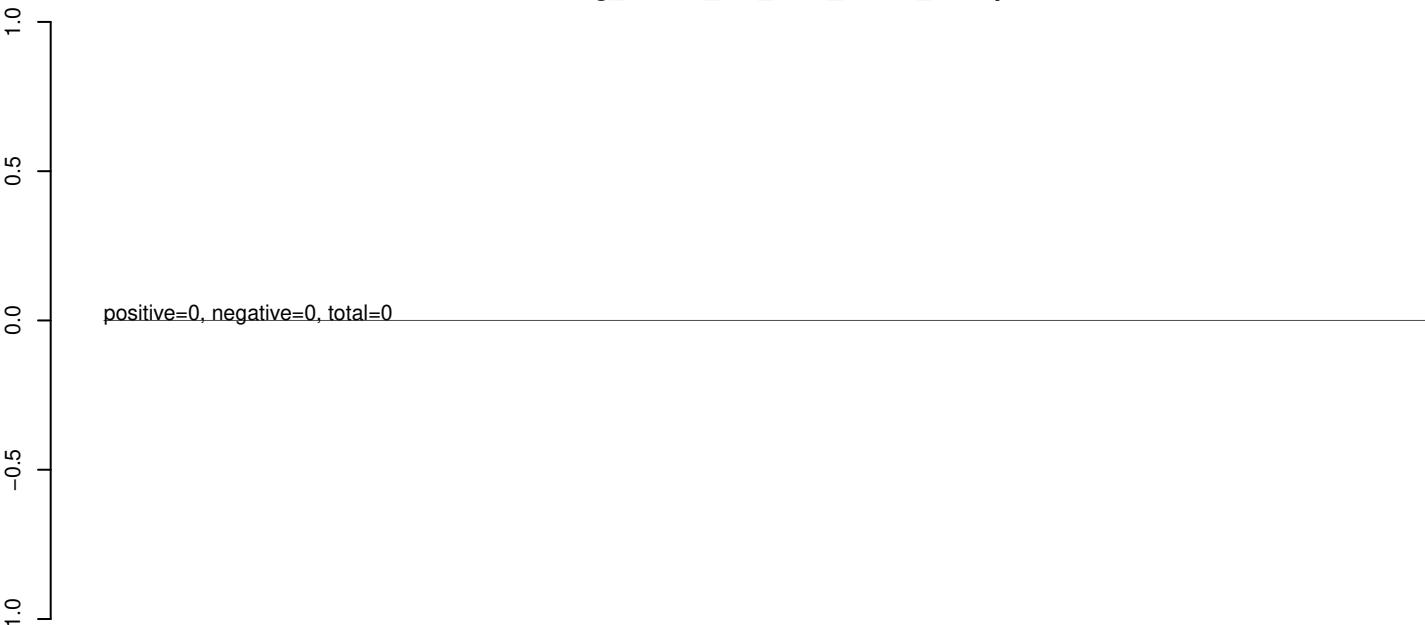
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



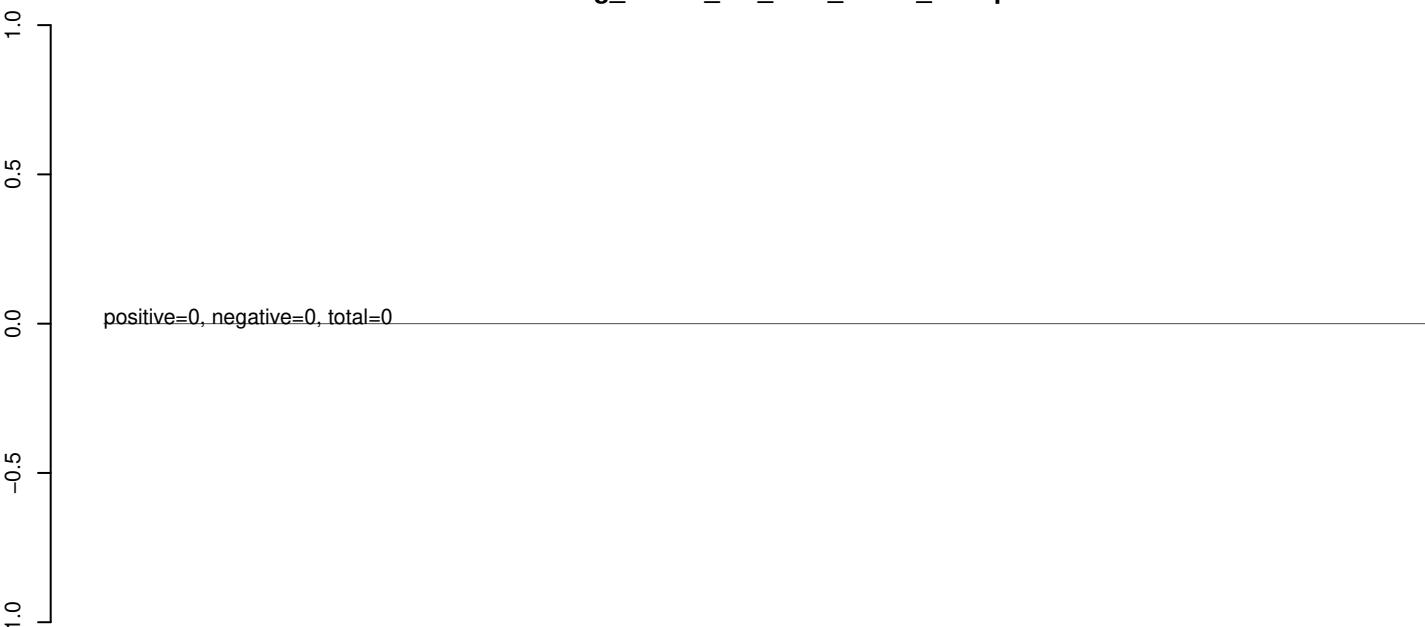
**AeAeg\_Whole\_sm\_r123\_JM.rep**



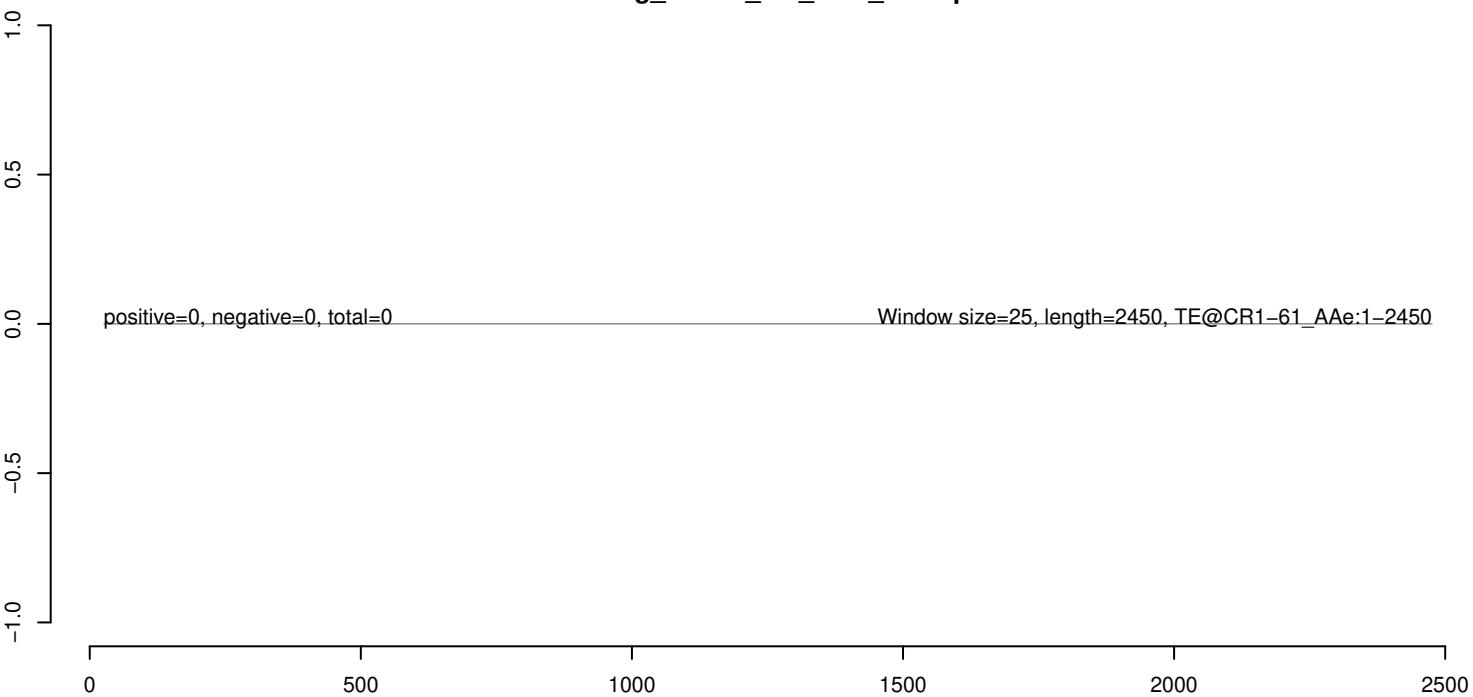
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



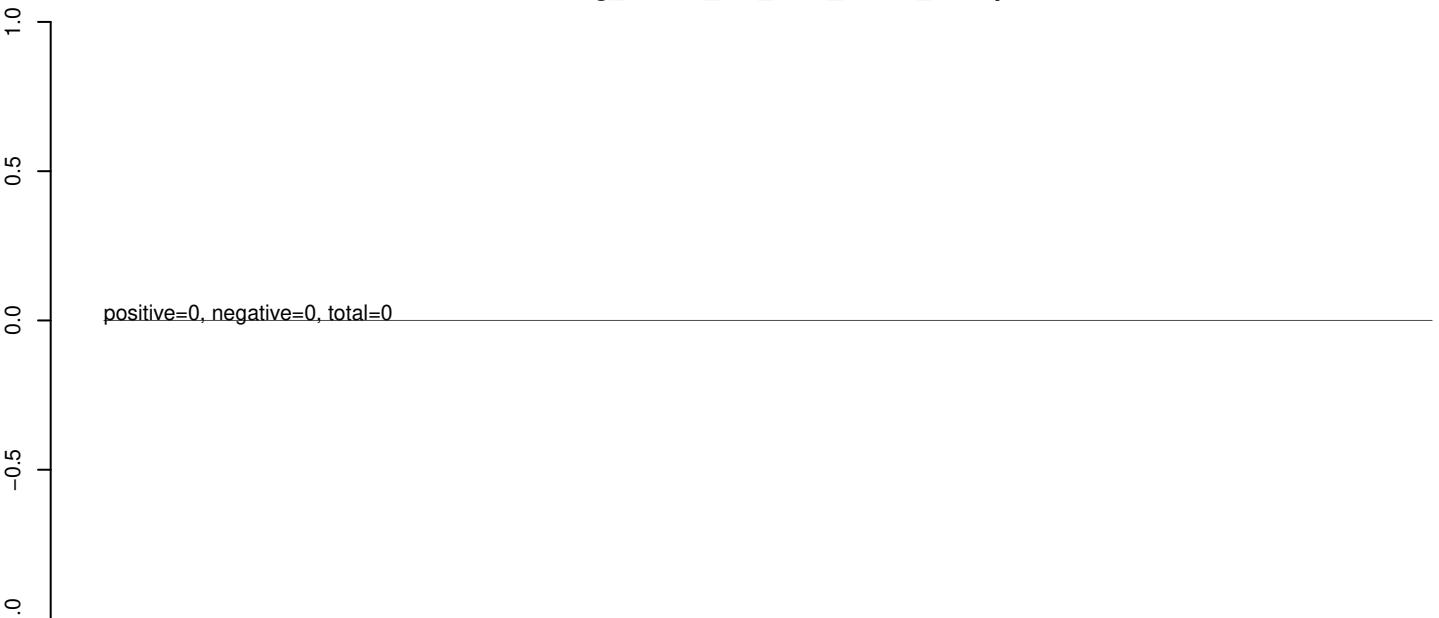
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



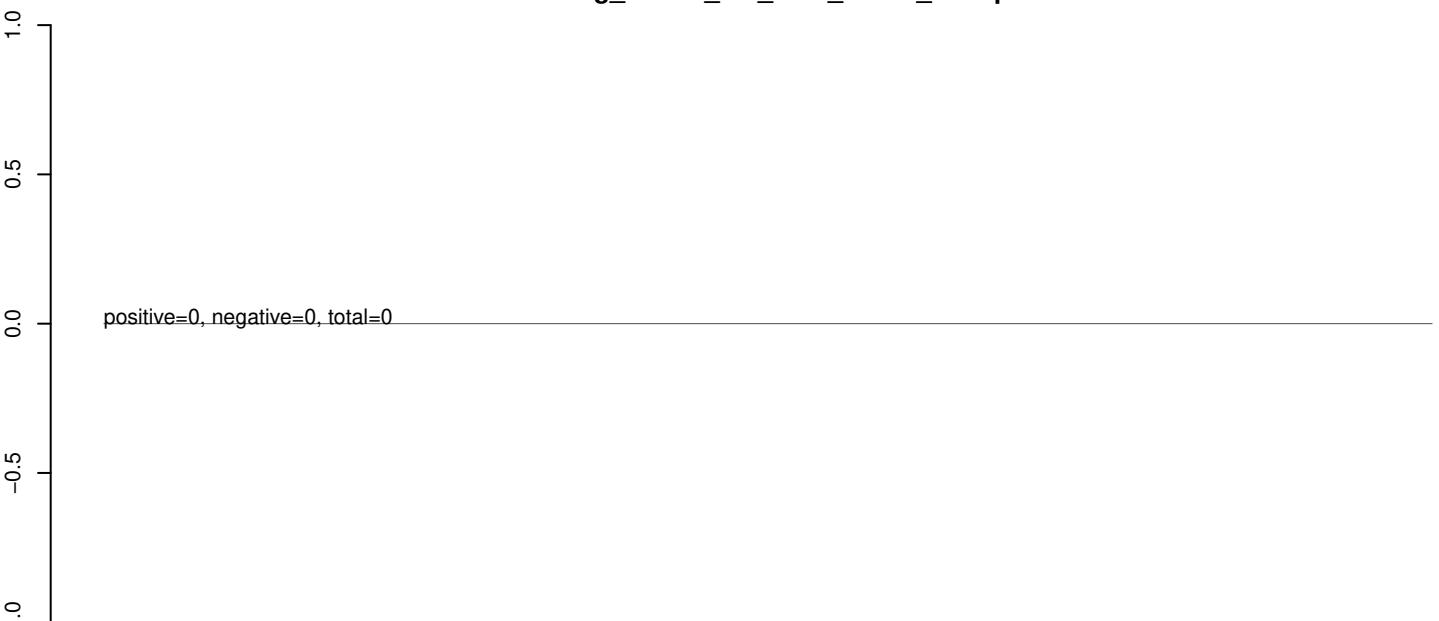
**AeAeg\_Whole\_sm\_r123\_JM.rep**



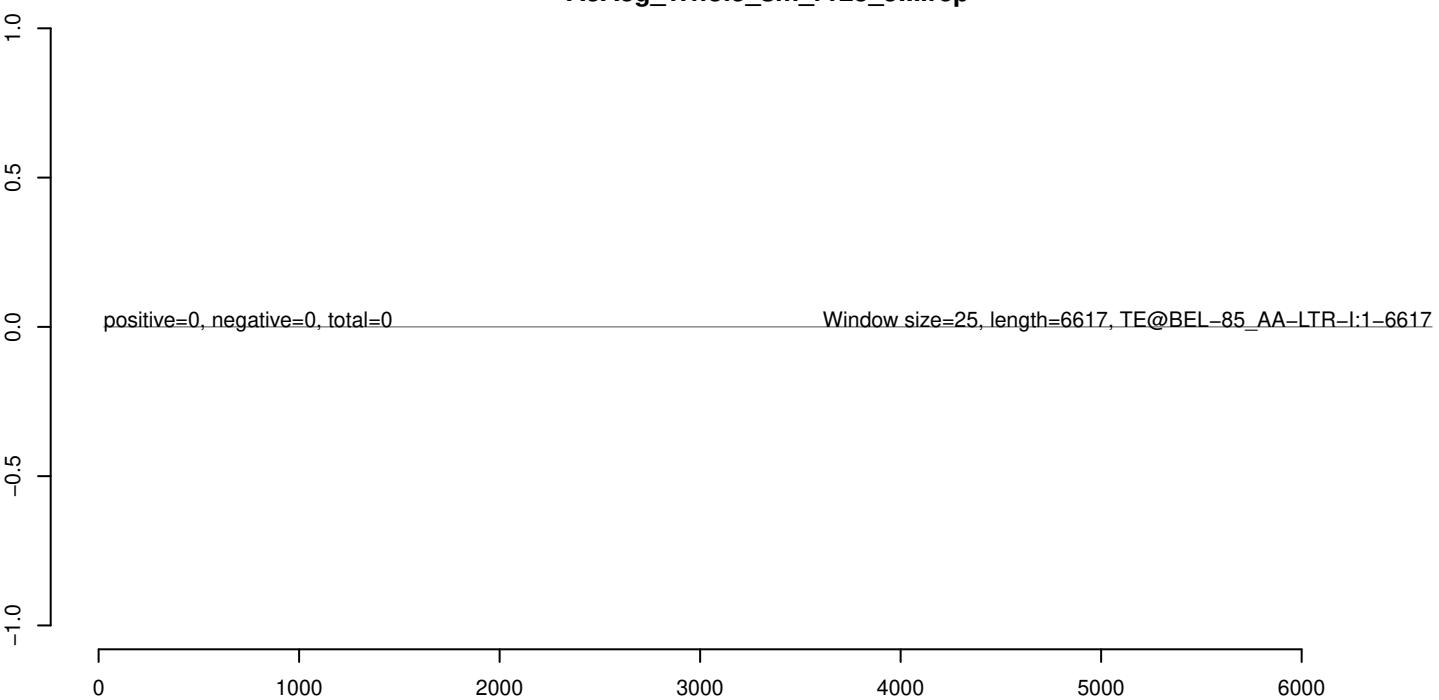
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

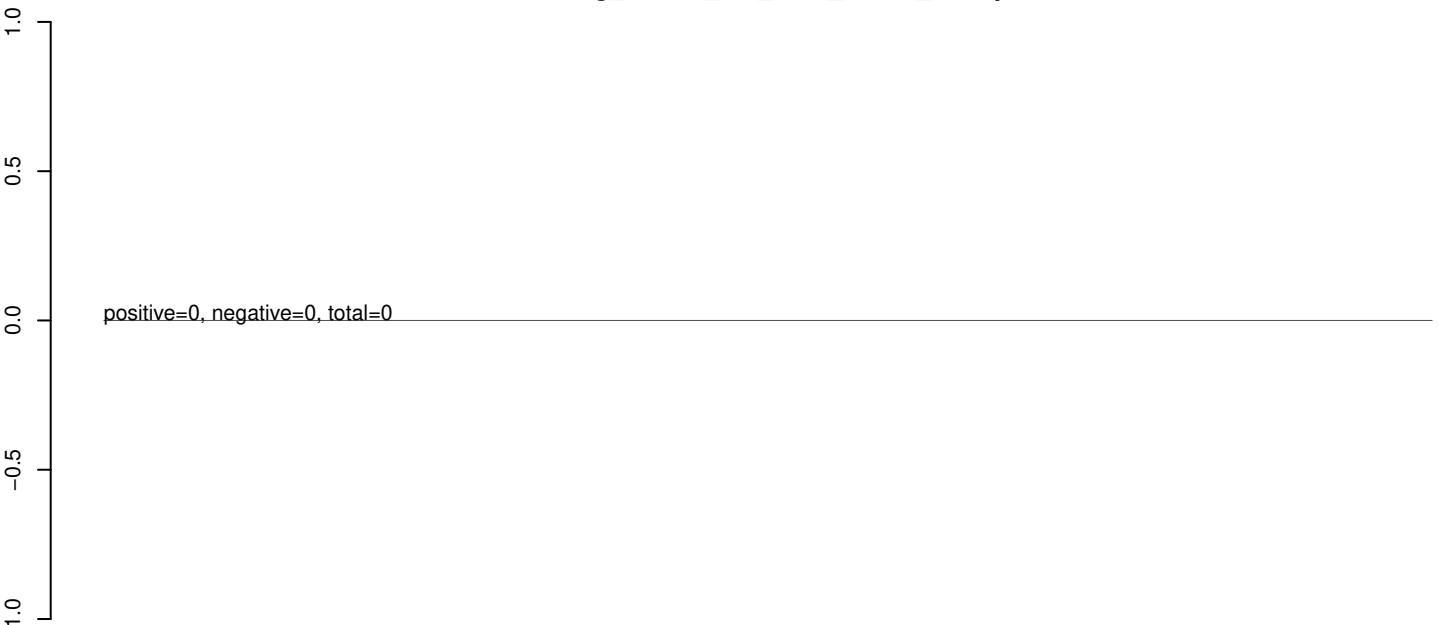
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

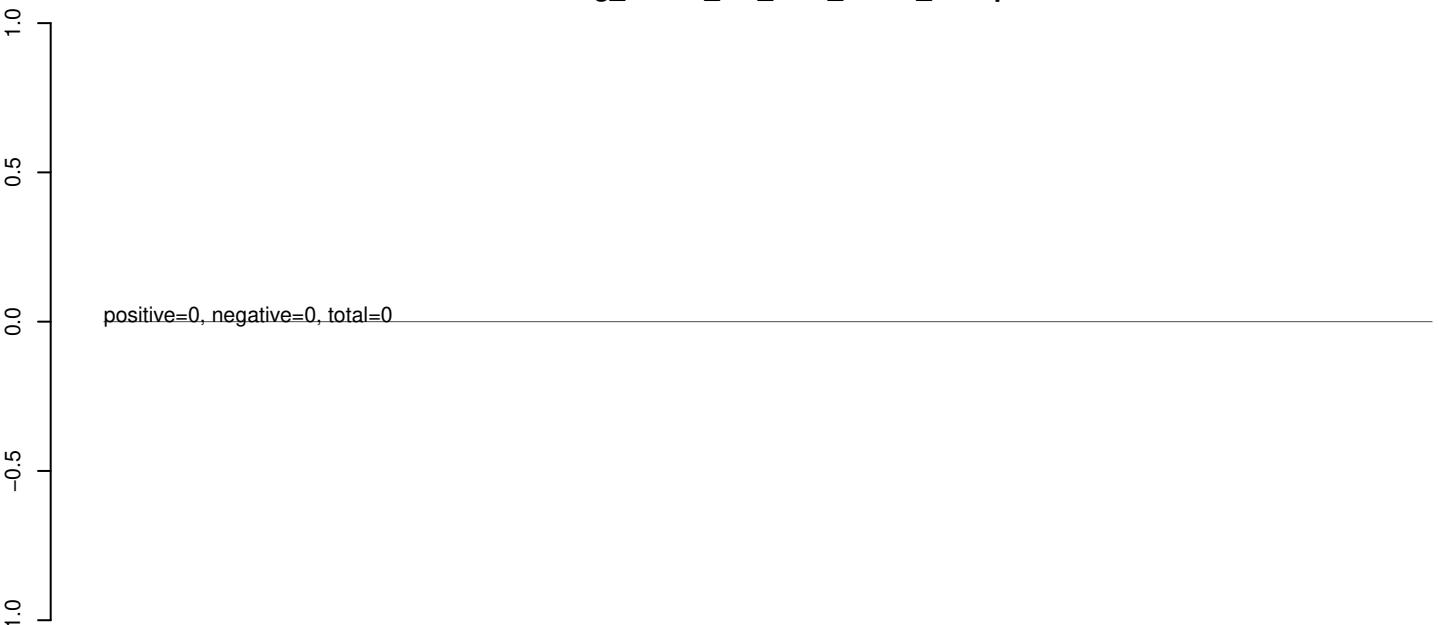
positive=0, negative=0, total=0

Window.size=25, length=4137, TE@BEL-61\_AA-LTR-I:1-4137

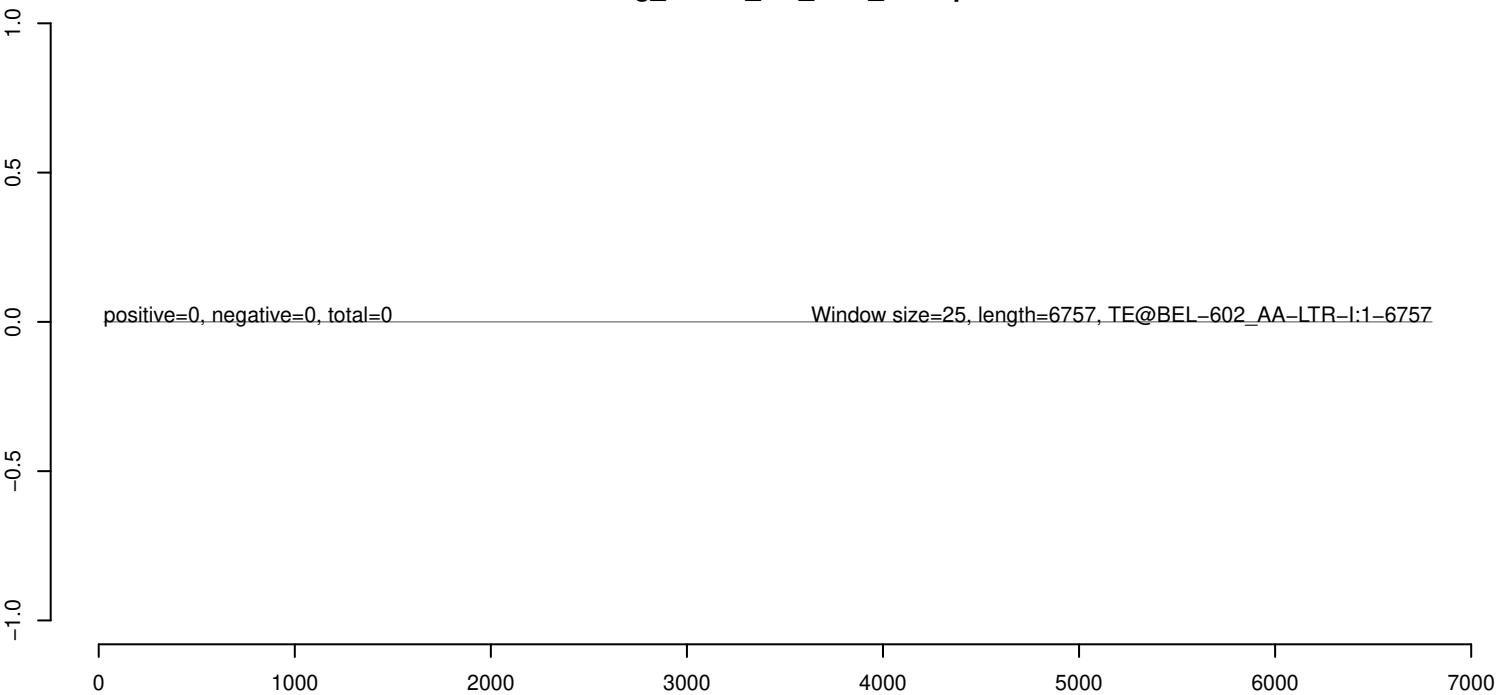
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



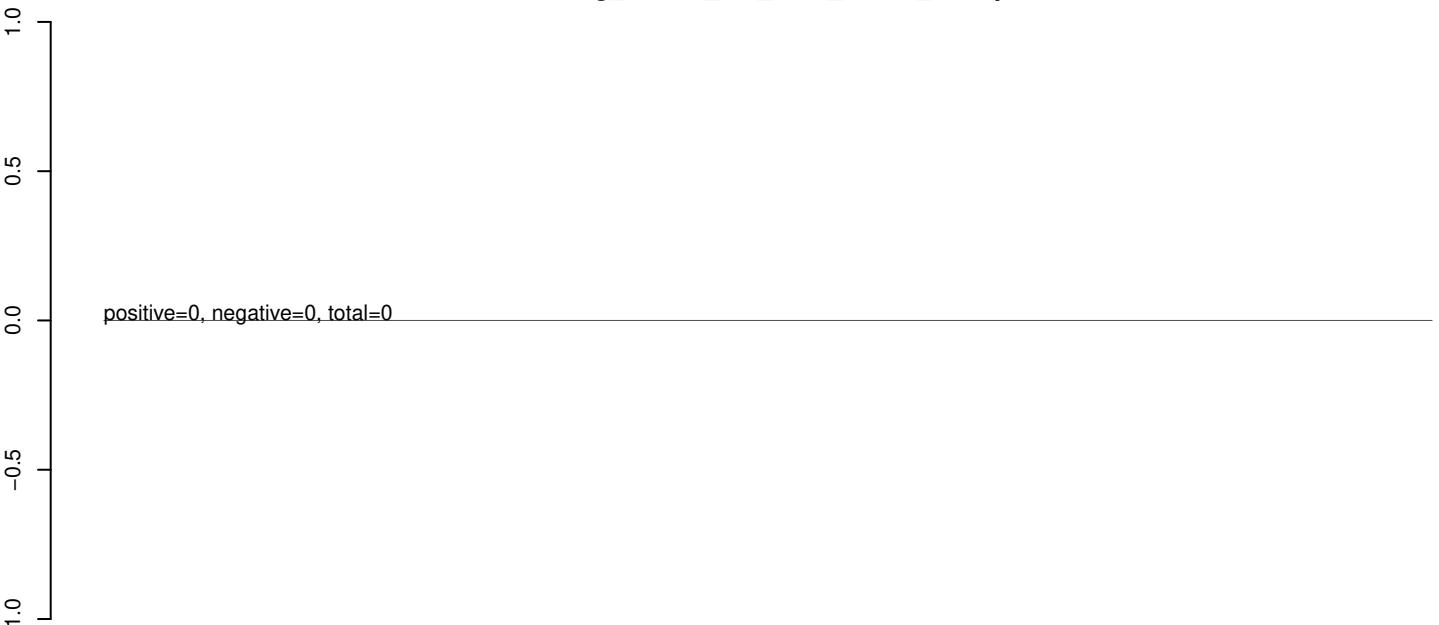
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



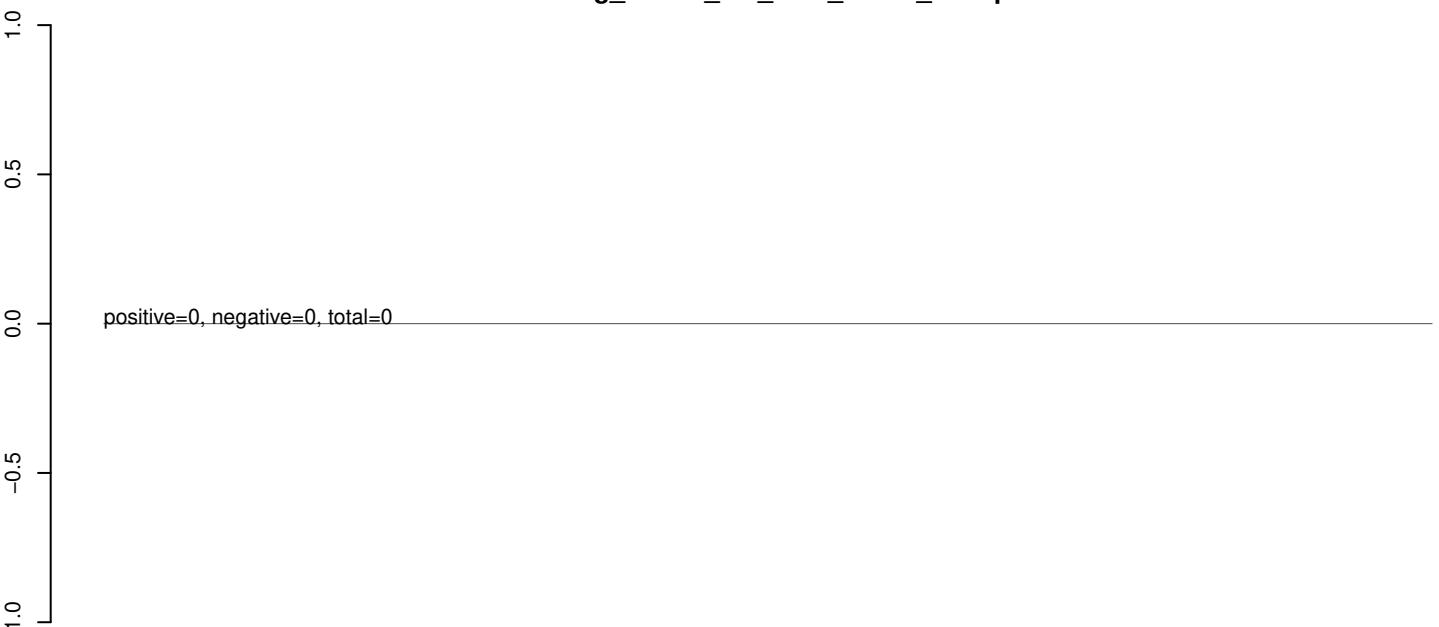
**AeAeg\_Whole\_sm\_r123\_JM.rep**



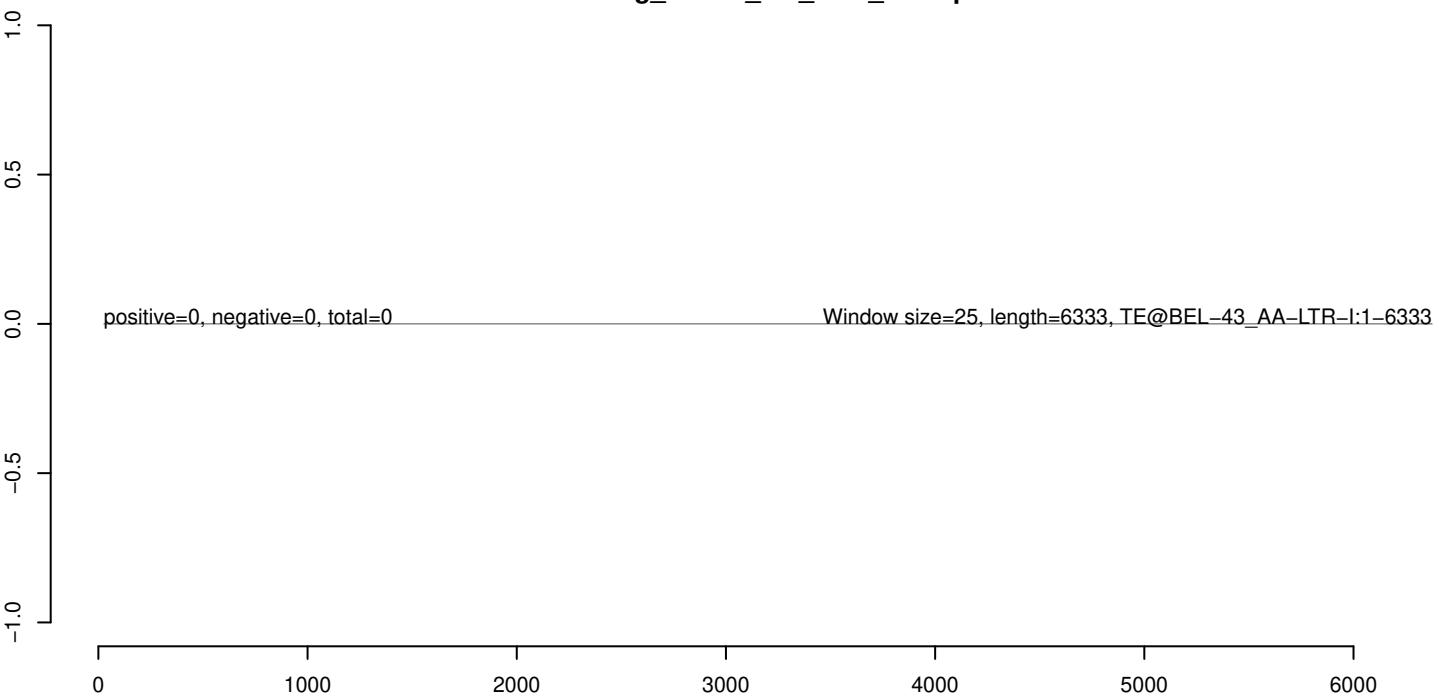
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=4032, TE@BEL-251\_AA-LTR-I:1-4032

0 1000 2000 3000 4000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

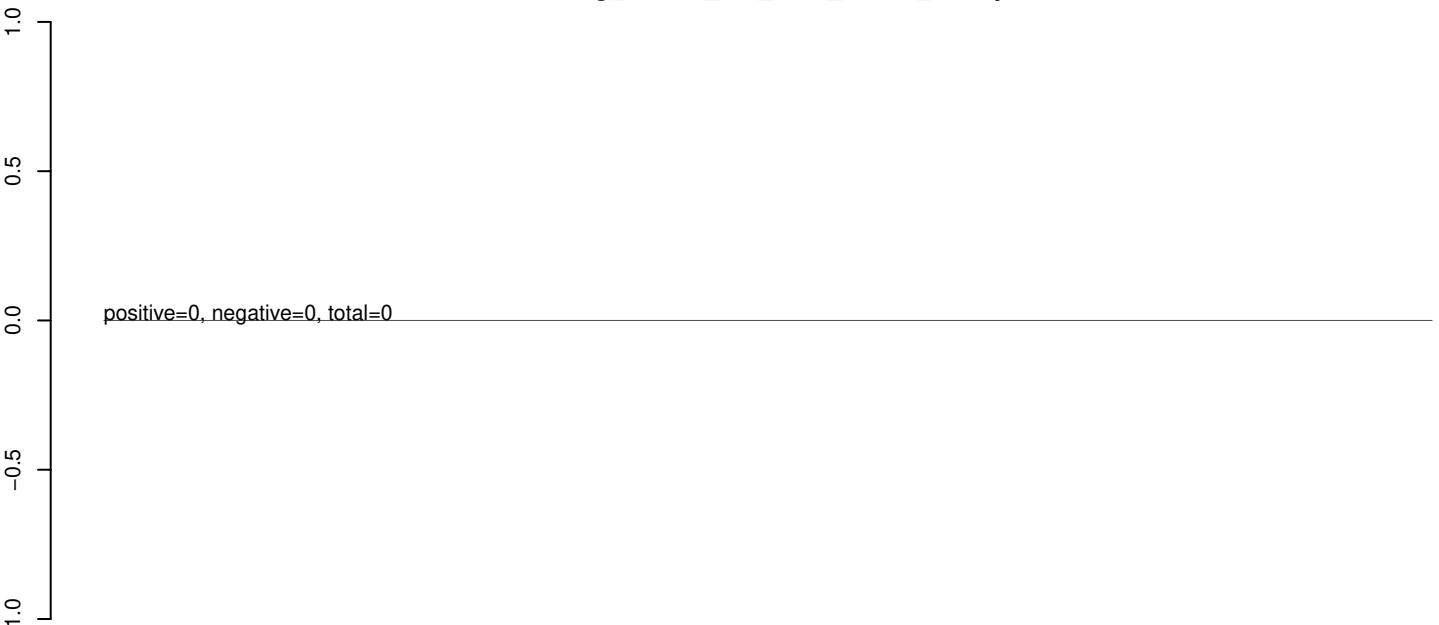
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

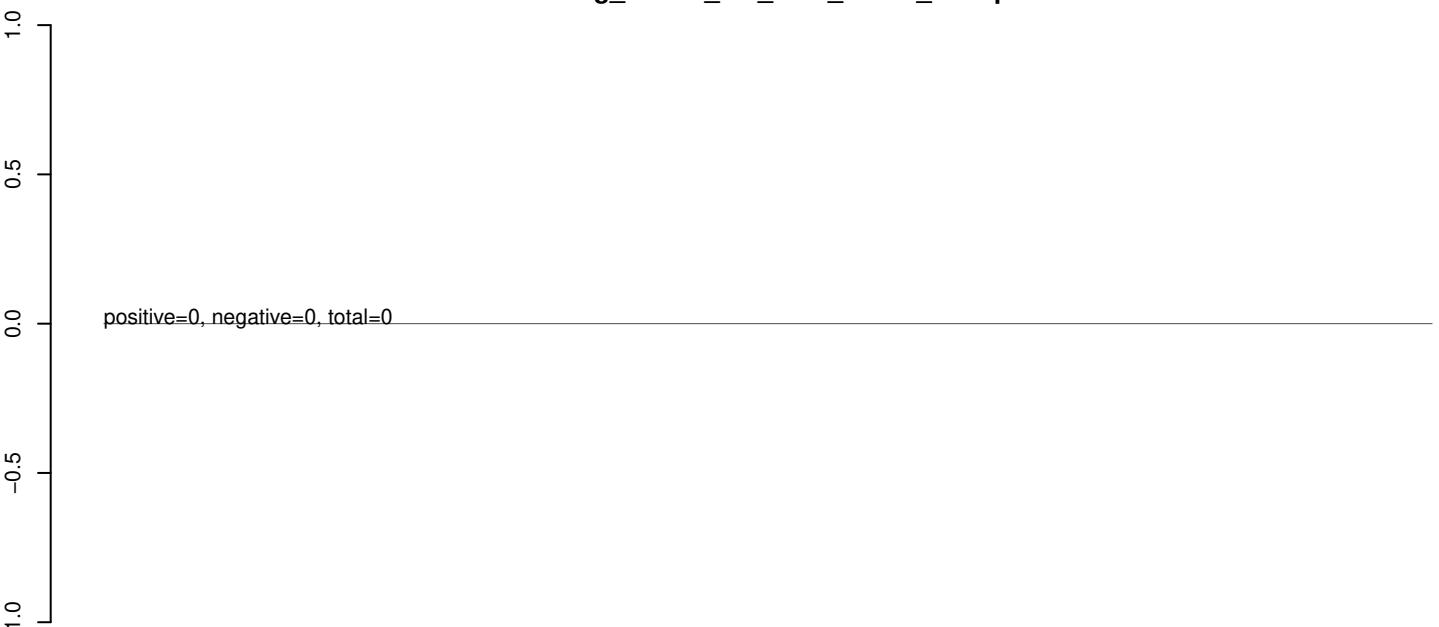
Window size=25, length=6402, TE@BEL-241\_AA-I:1-6402

0 1000 2000 3000 4000 5000 6000

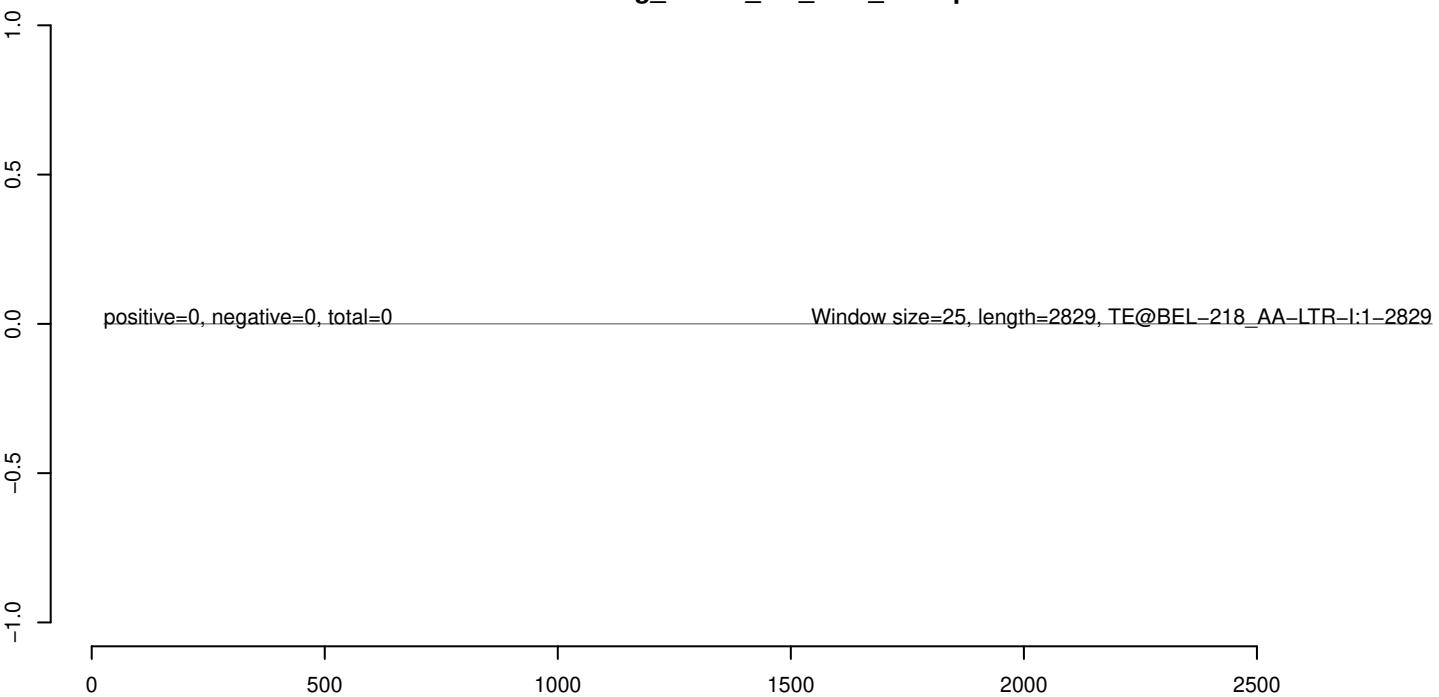
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



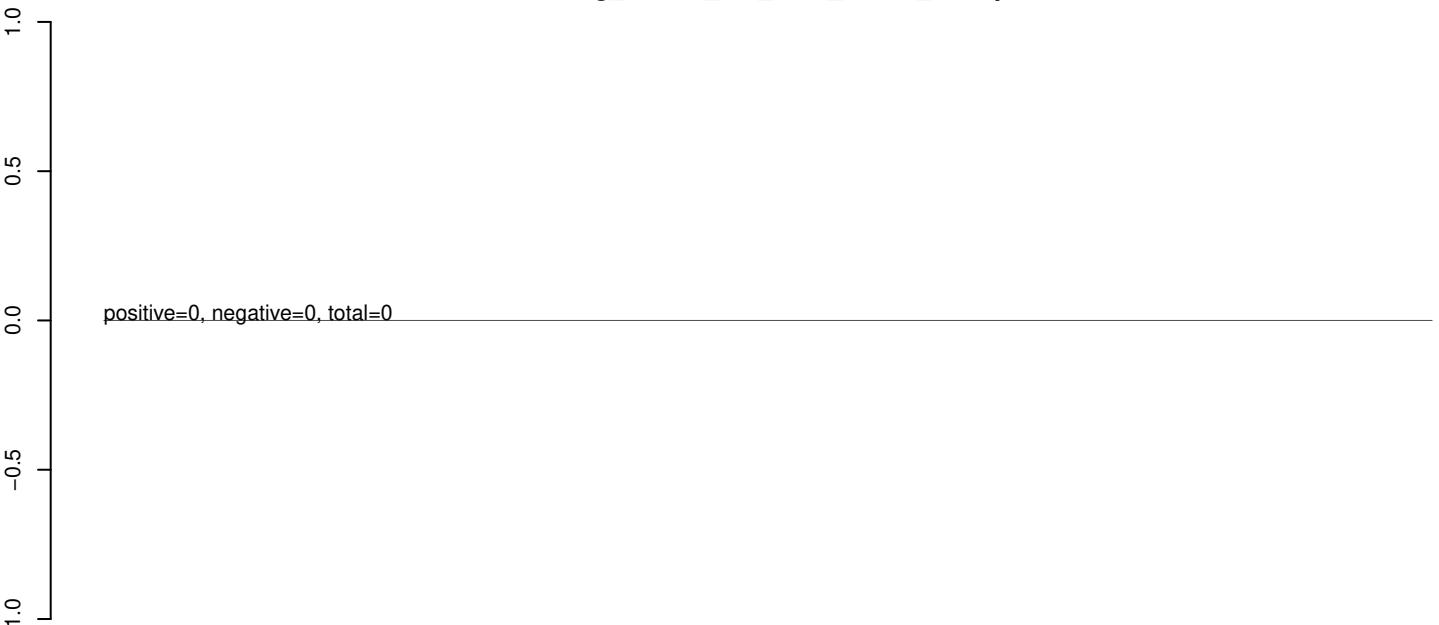
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



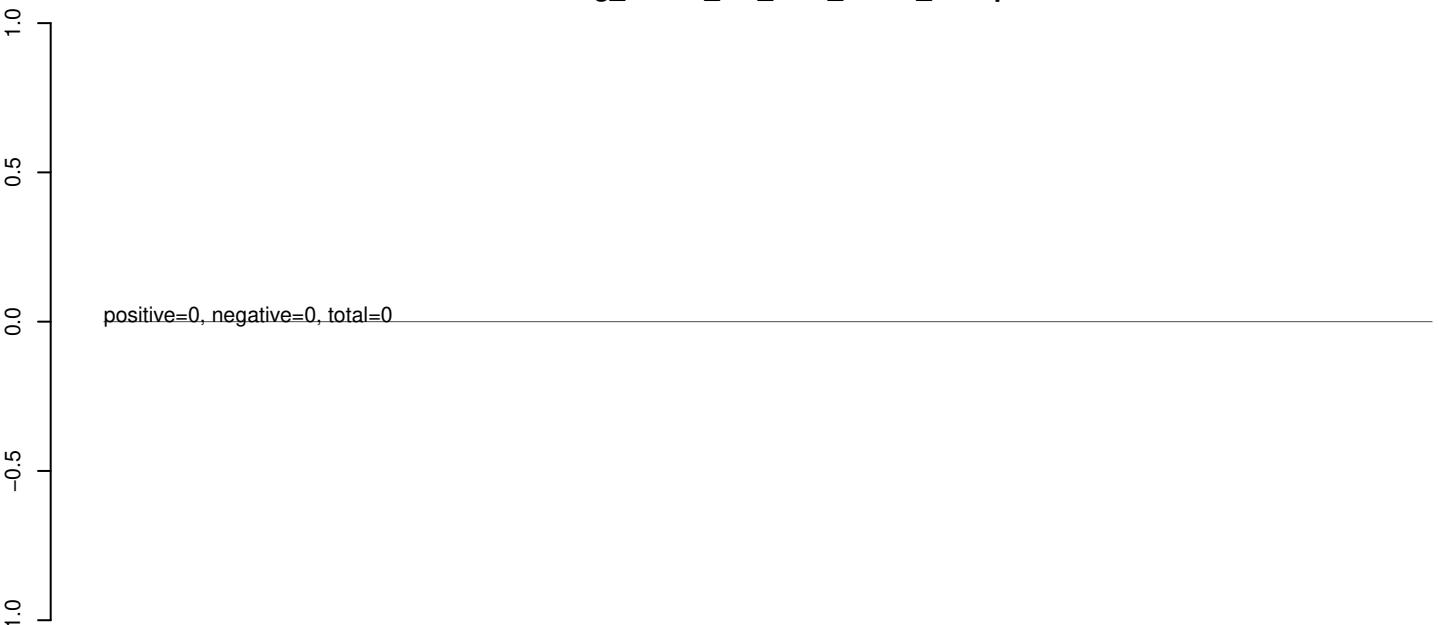
**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

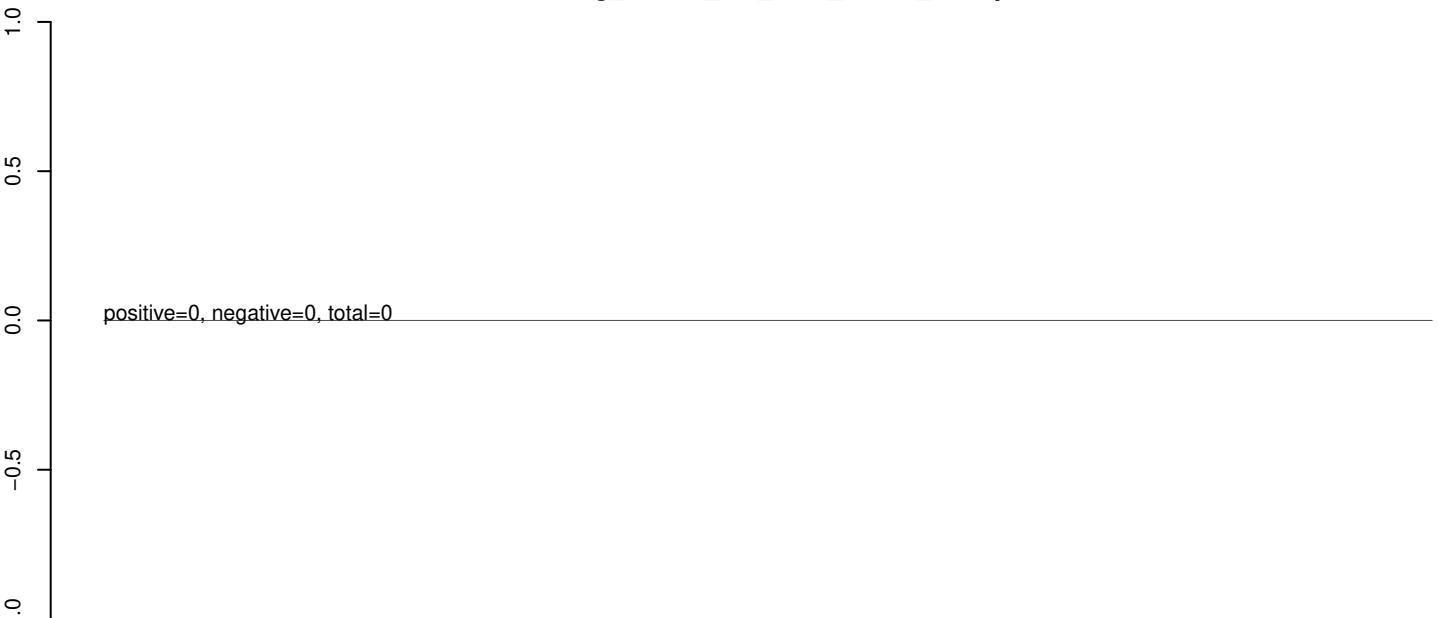
**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

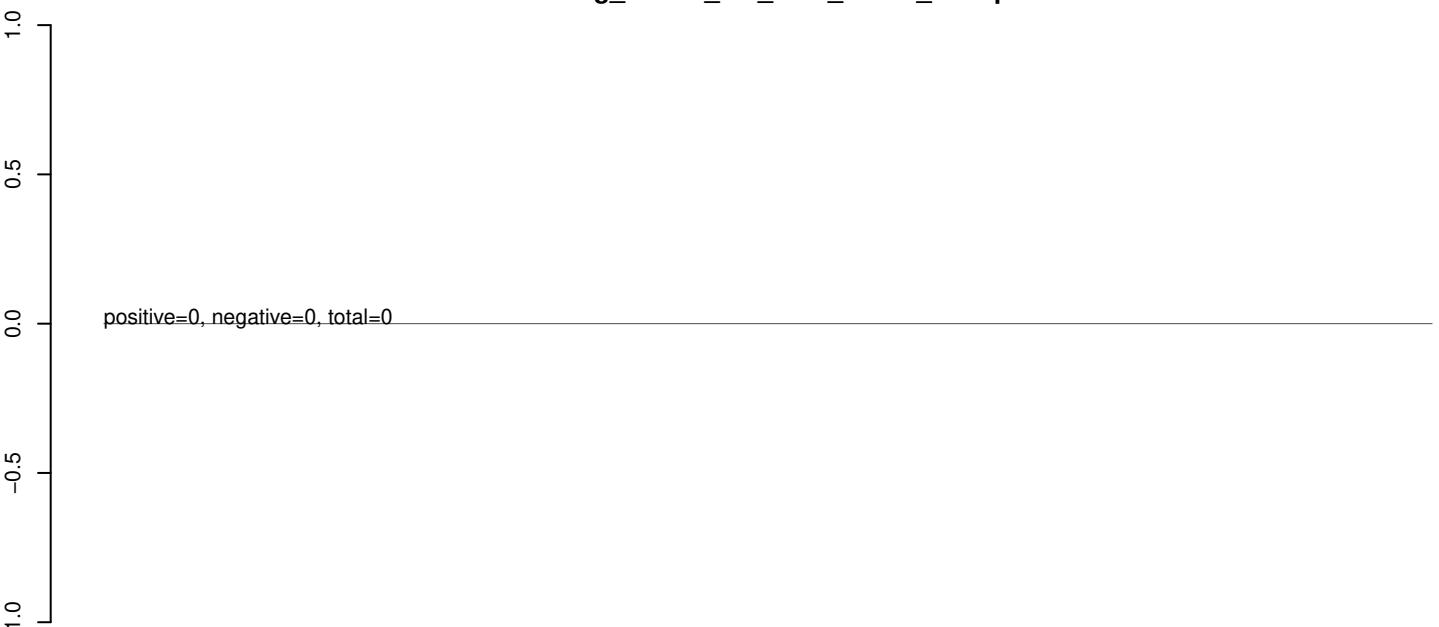
Window size=25, length=6720, TE@BEL-197\_AA-LTR-I:1-6720

0 1000 2000 3000 4000 5000 6000 7000

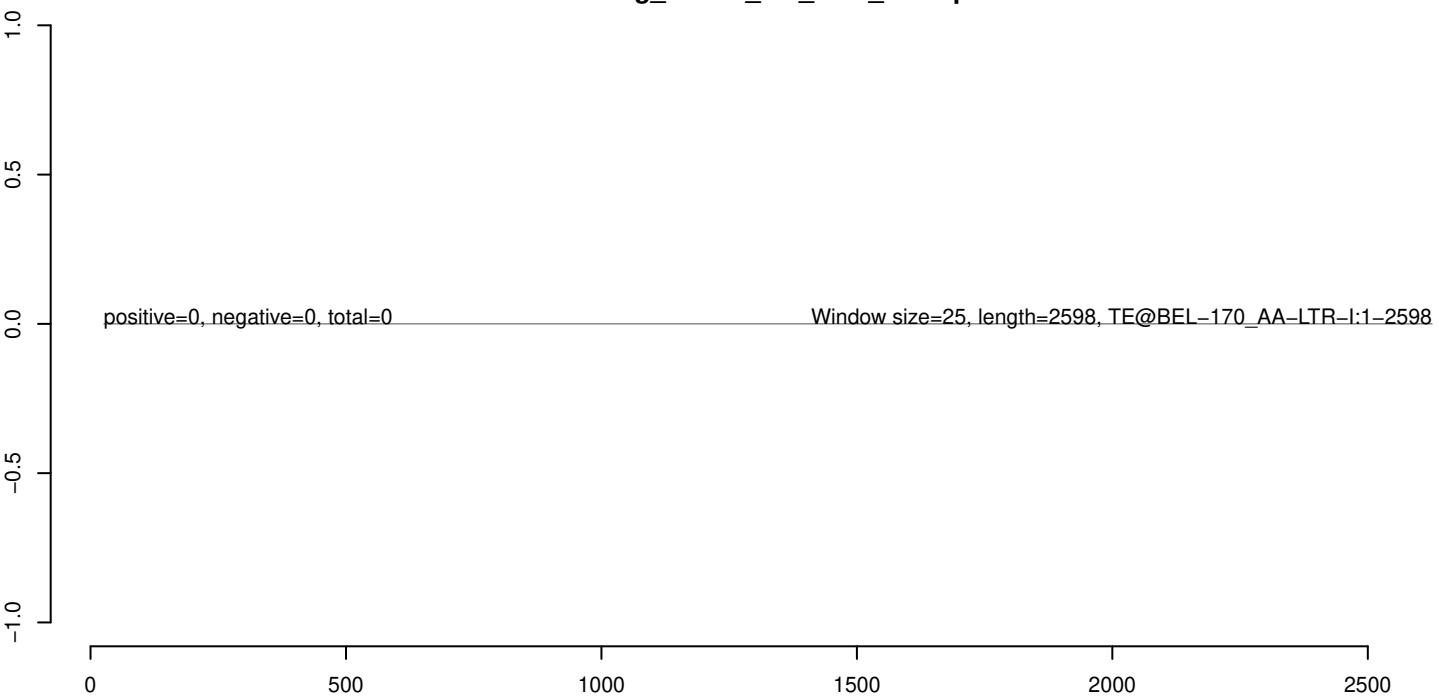
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=2779, TE@BEL-158\_AA-LTR-I:1-2779

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

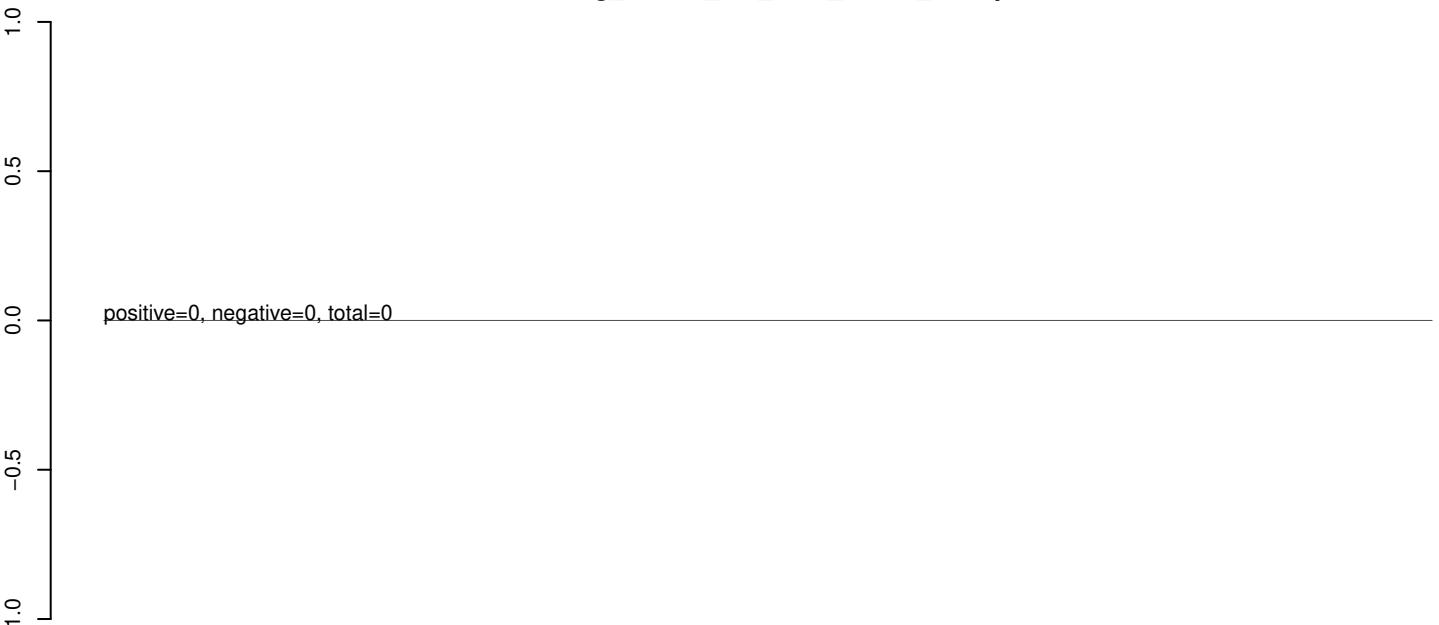
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

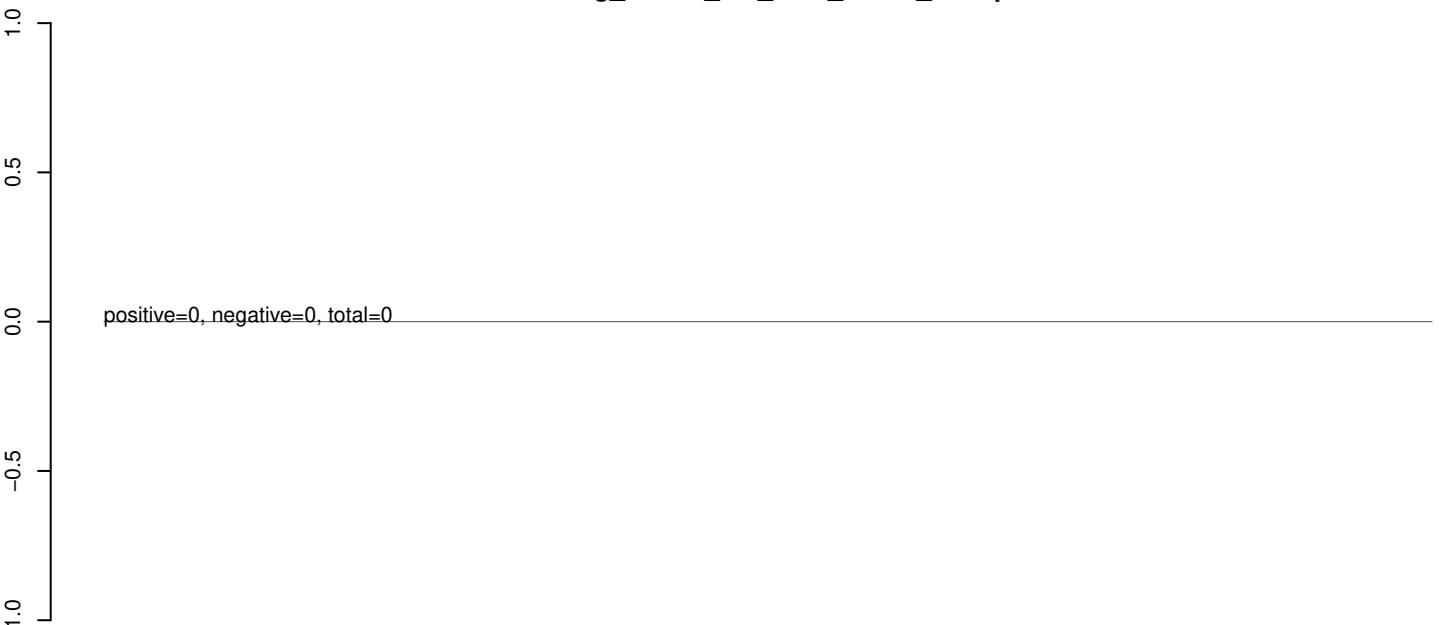
positive=0, negative=0, total=0

Window size=25, length=314, TE@BEL-154\_AA-LTR:1-314

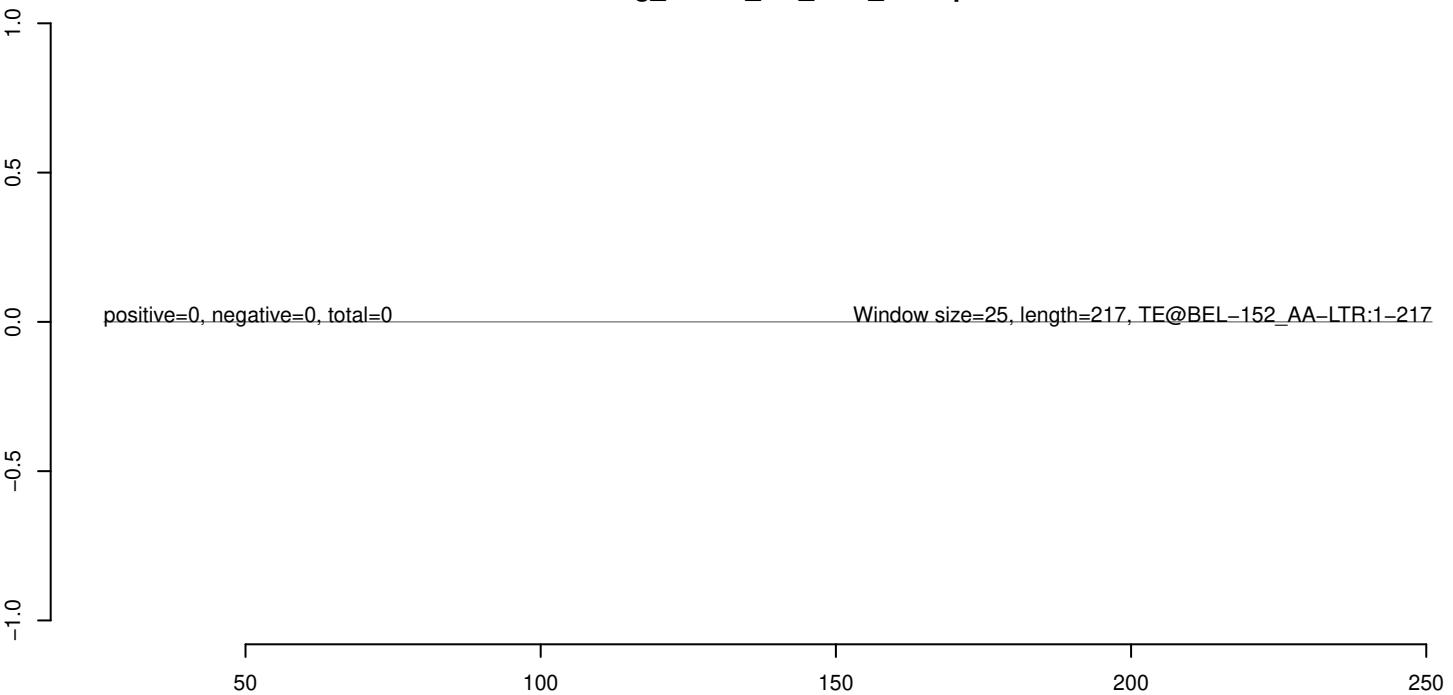
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



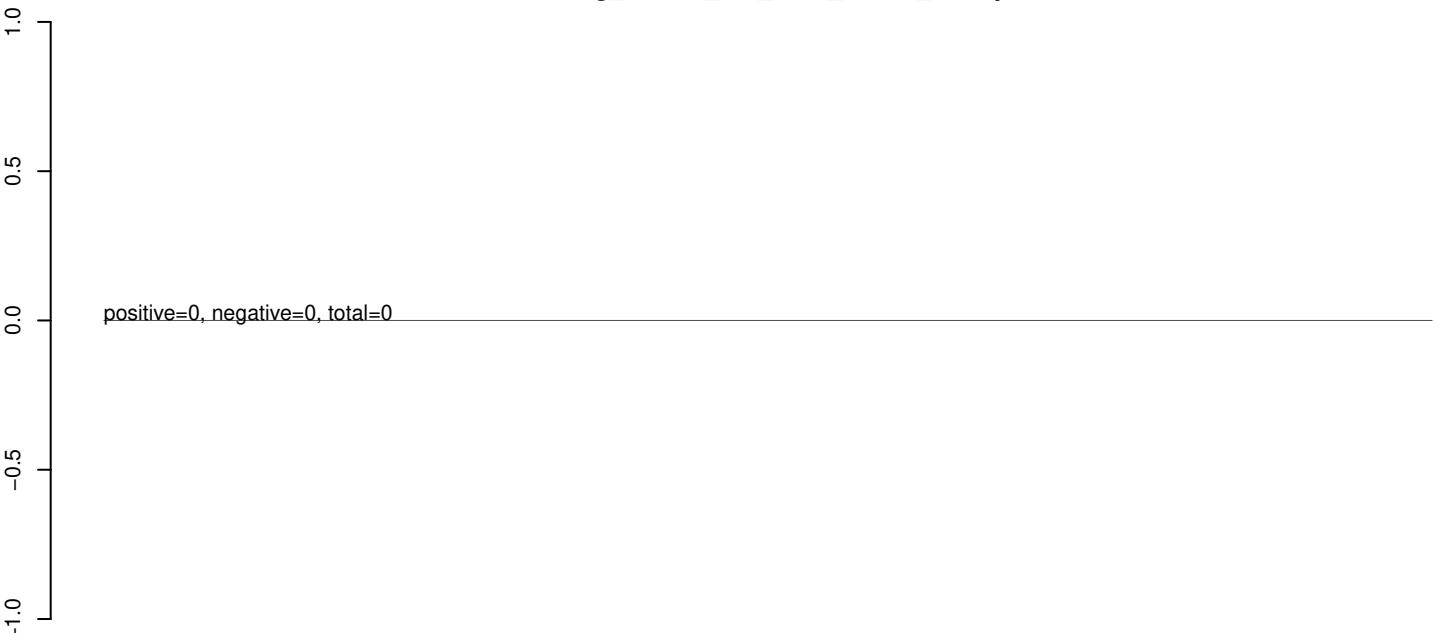
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



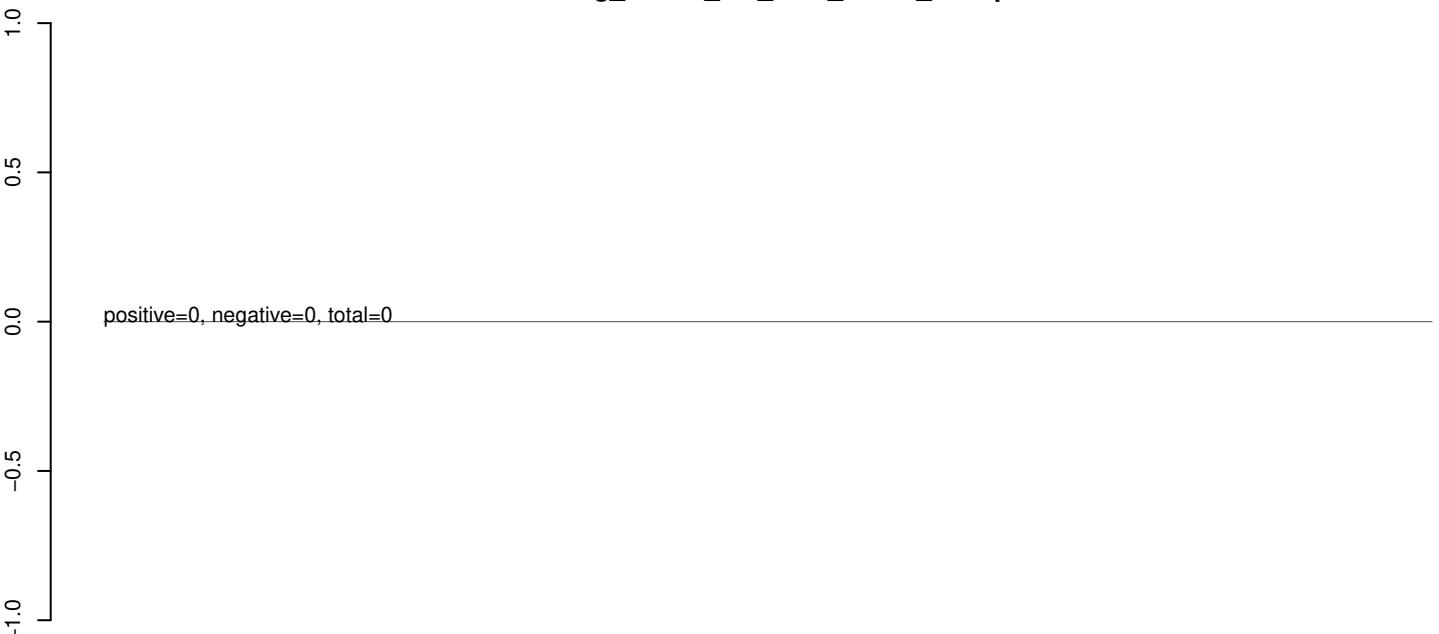
**AeAeg\_Whole\_sm\_r123\_JM.rep**



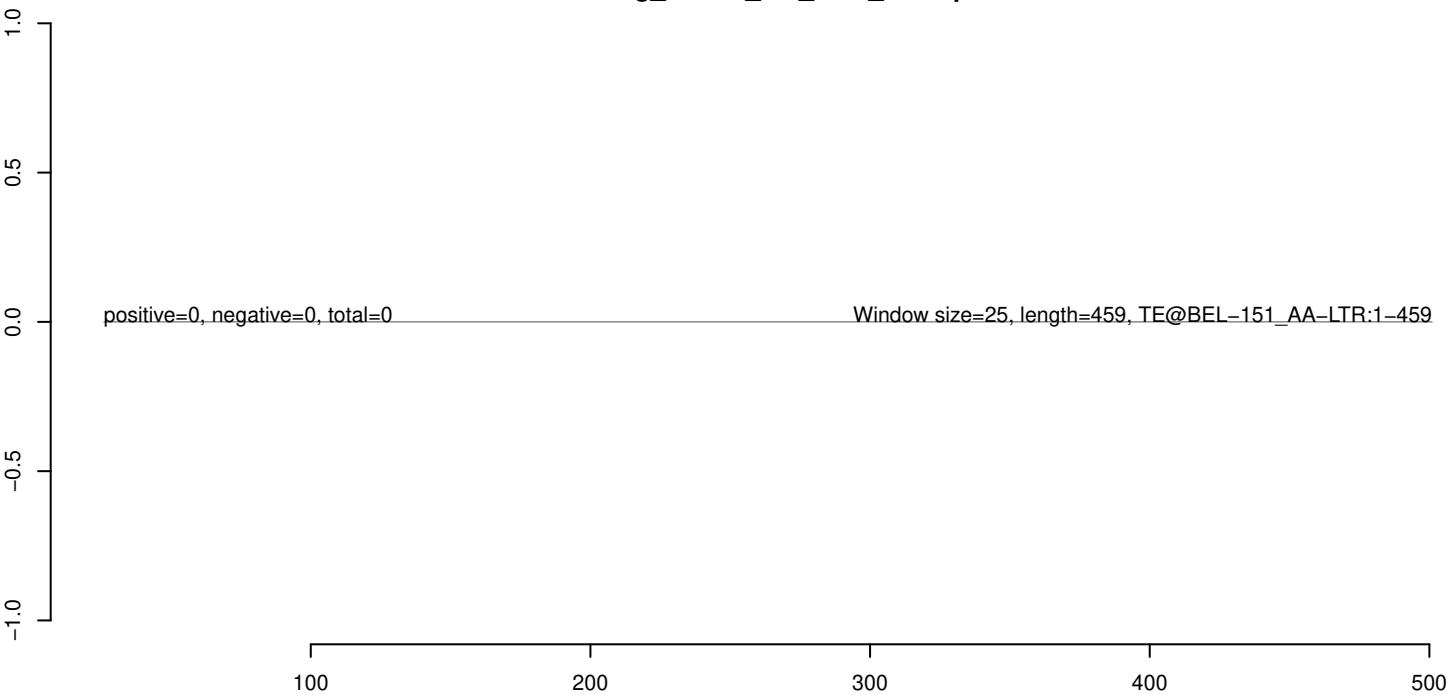
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



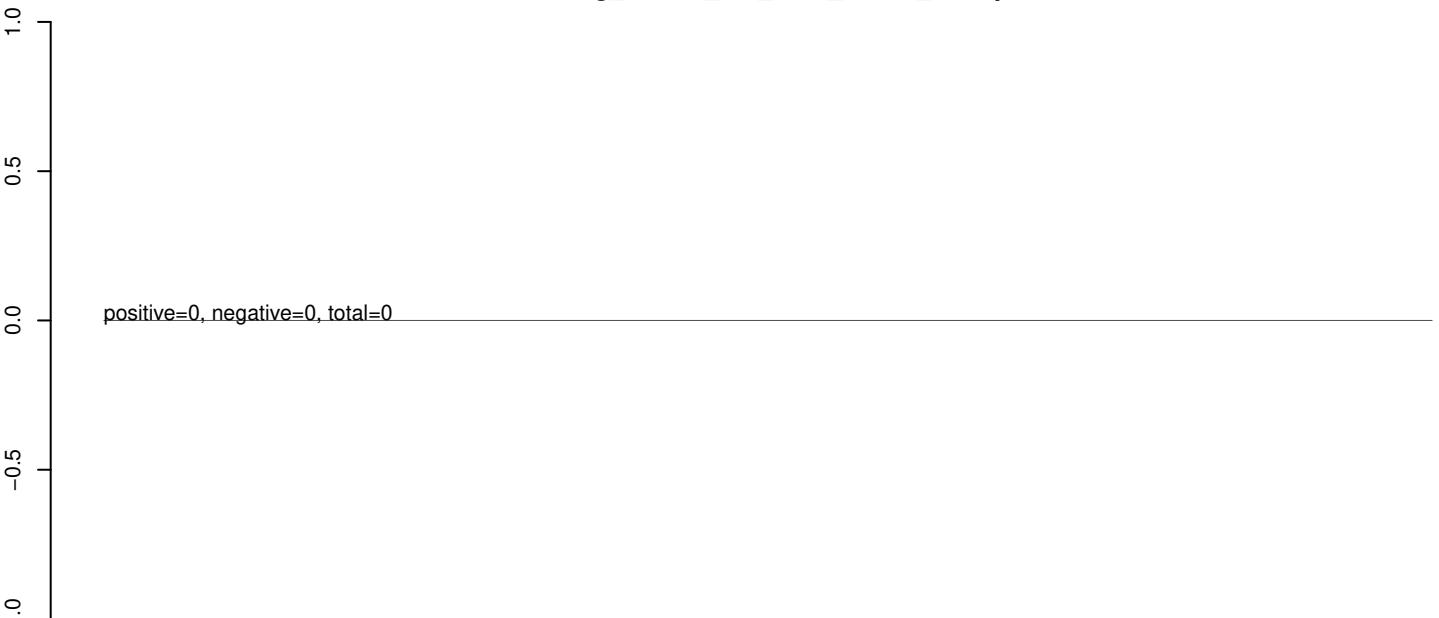
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



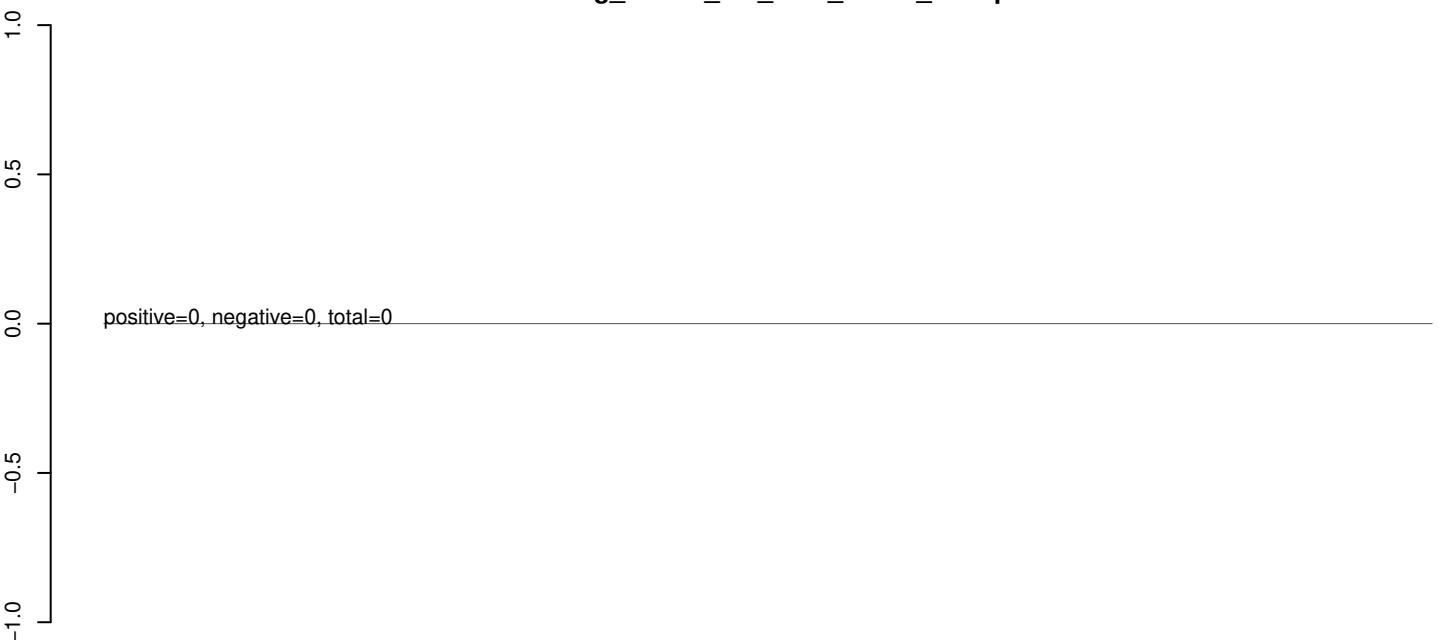
**AeAeg\_Whole\_sm\_r123\_JM.rep**



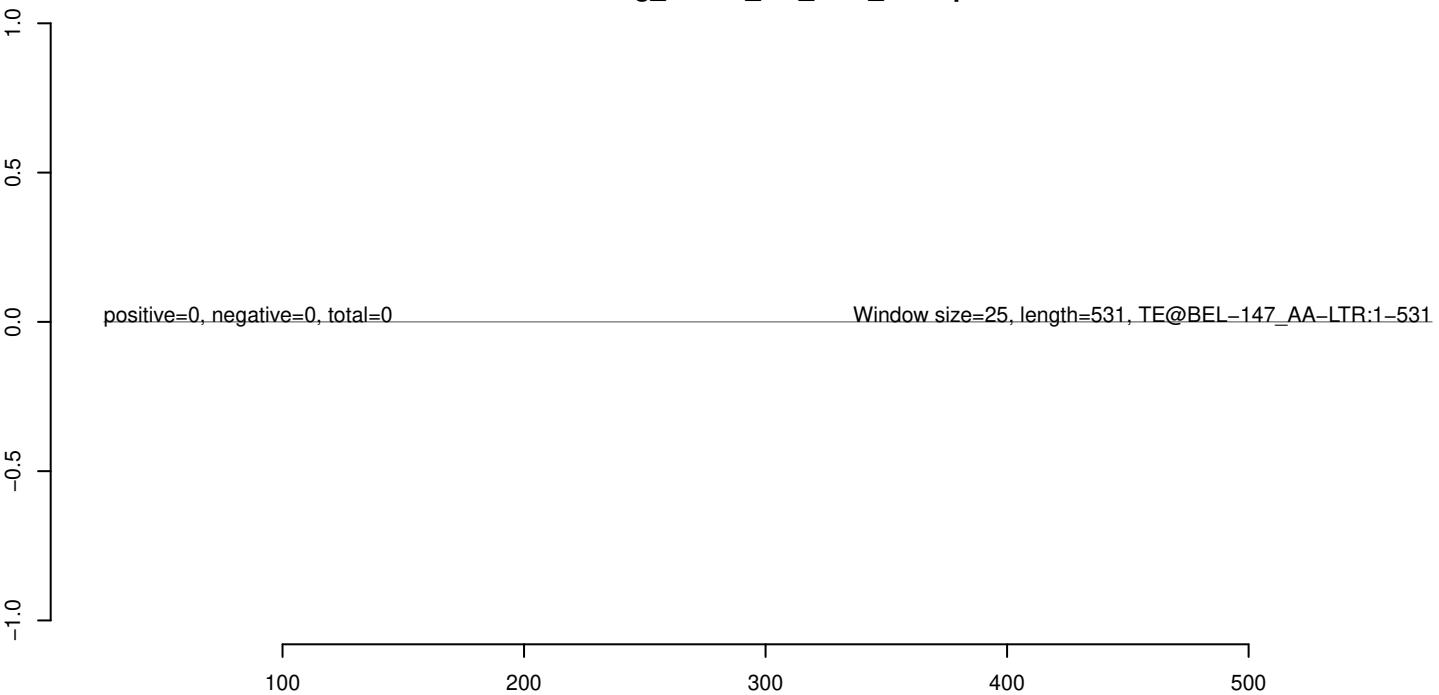
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



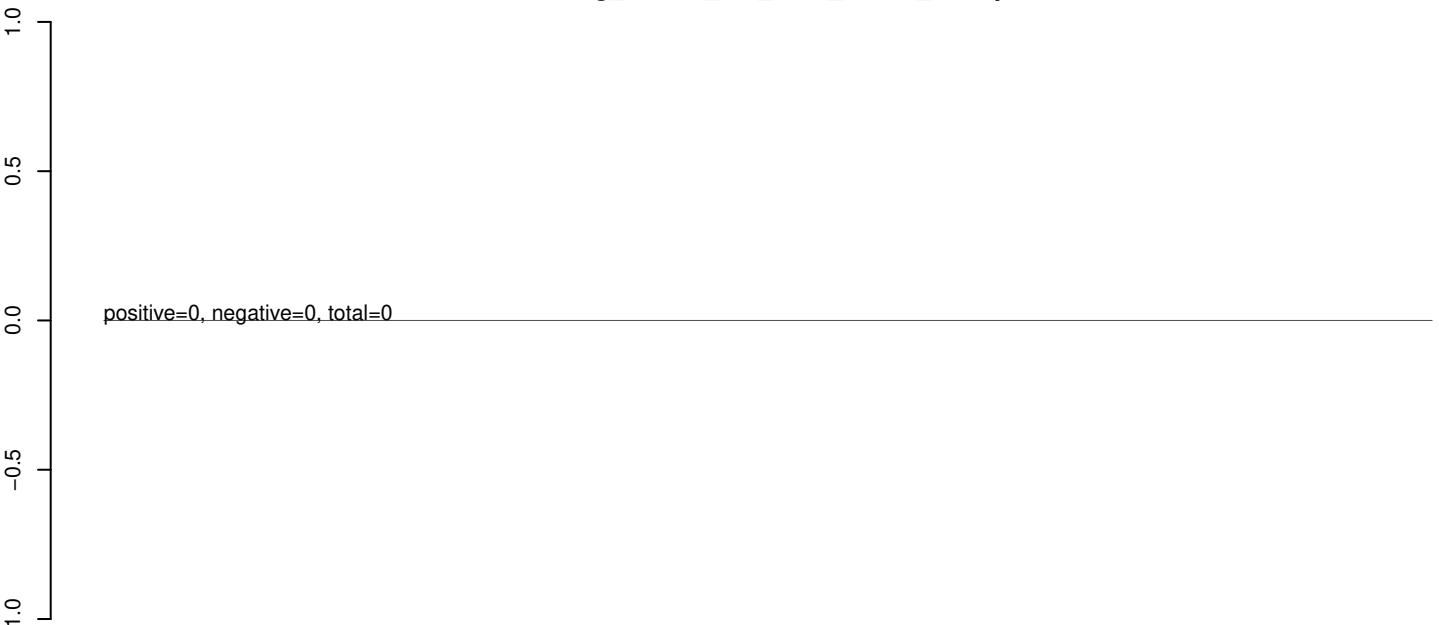
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



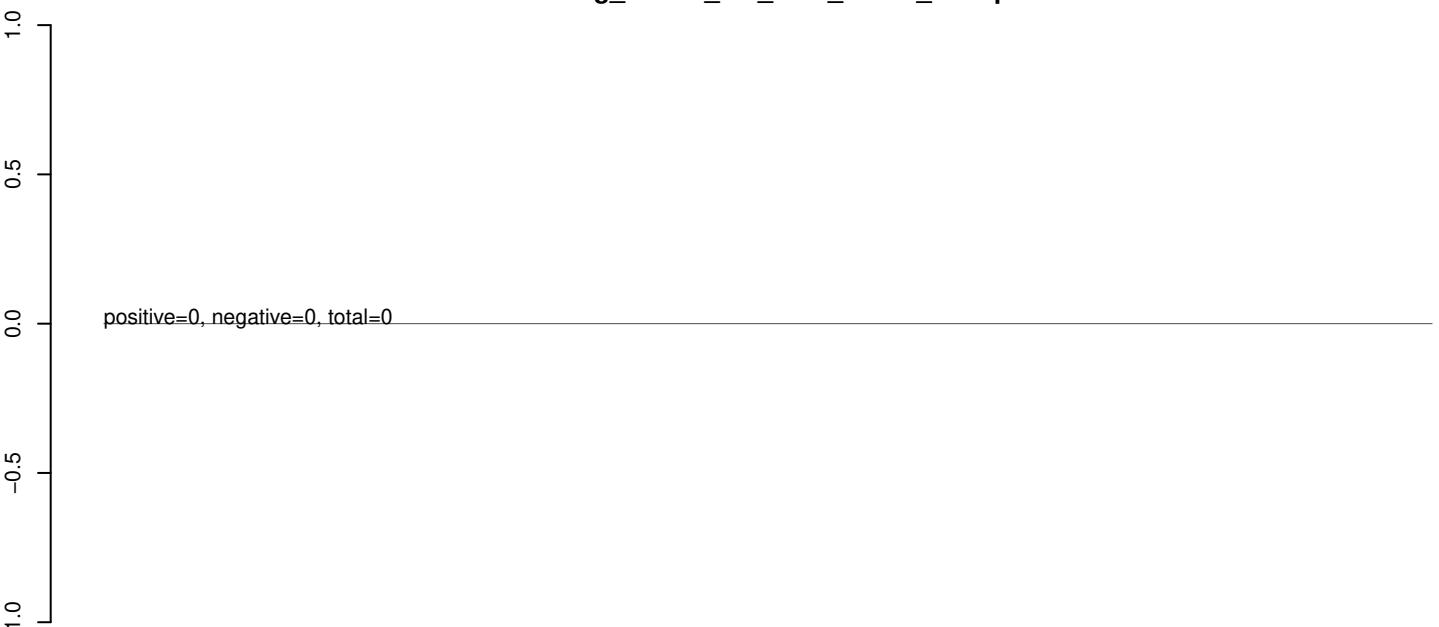
**AeAeg\_Whole\_sm\_r123\_JM.rep**



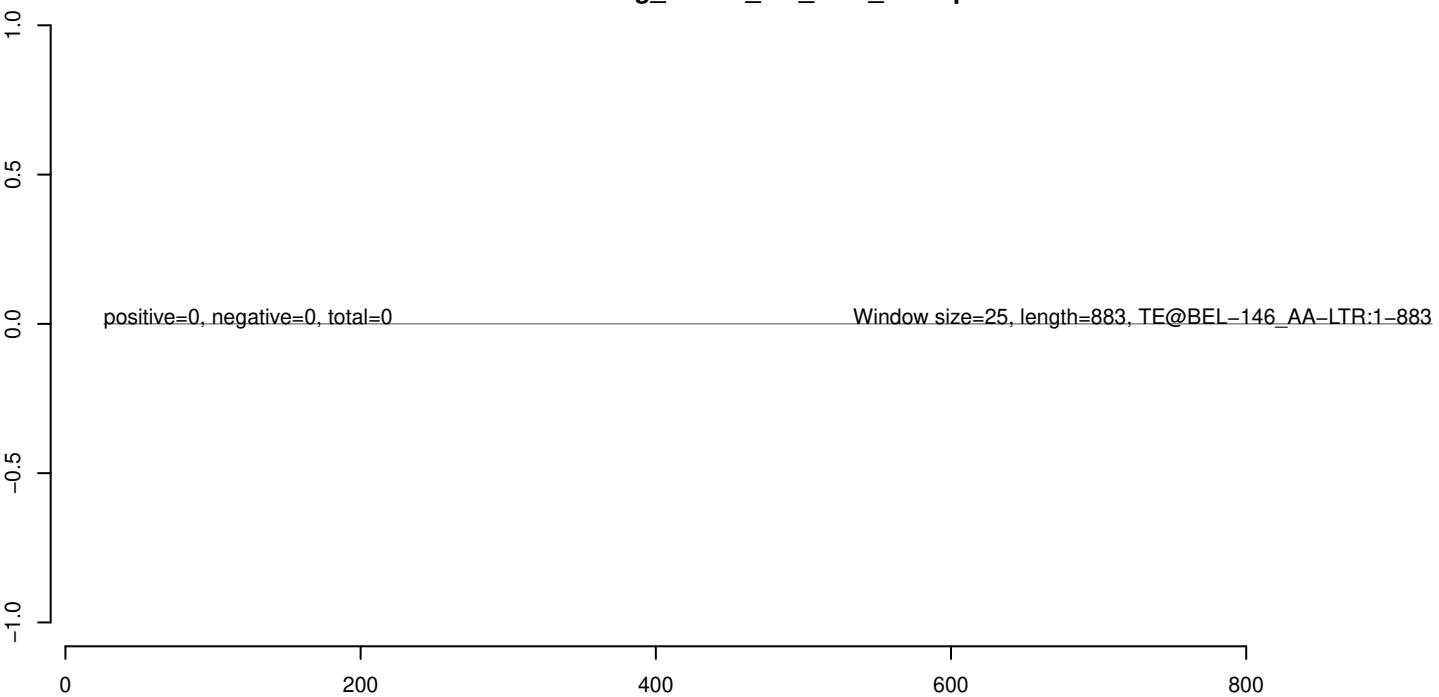
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



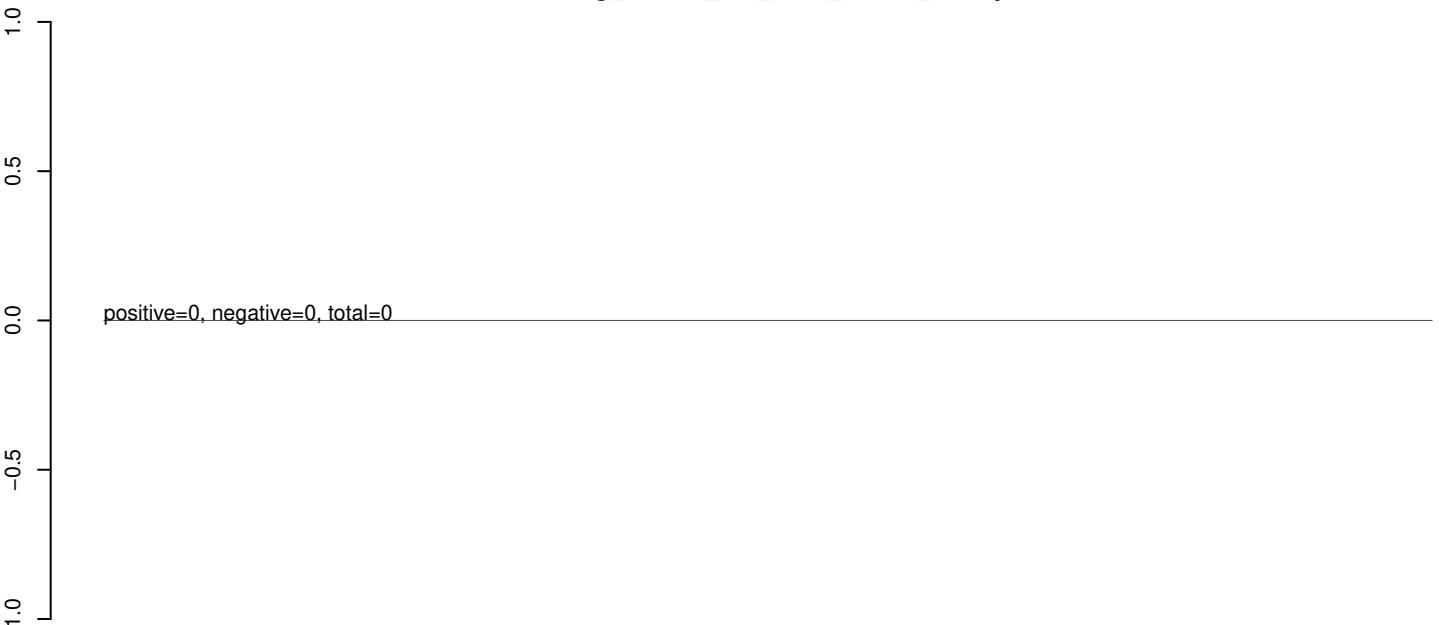
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



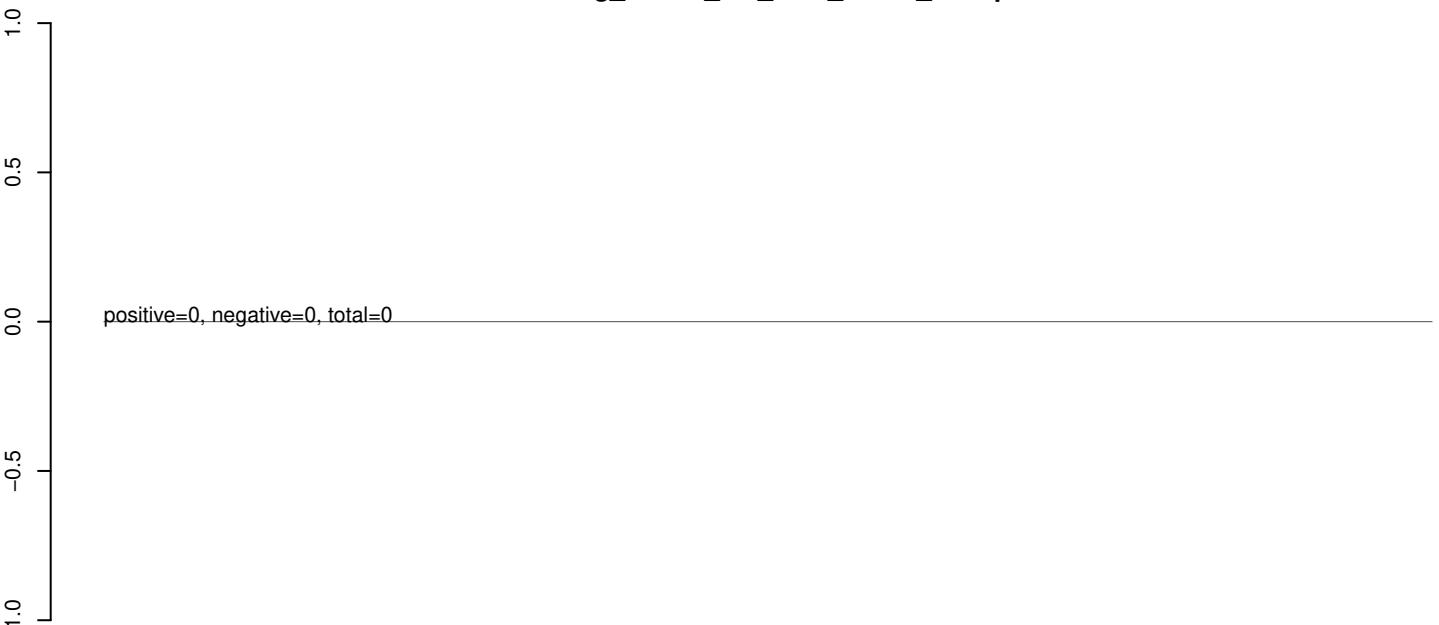
**AeAeg\_Whole\_sm\_r123\_JM.rep**



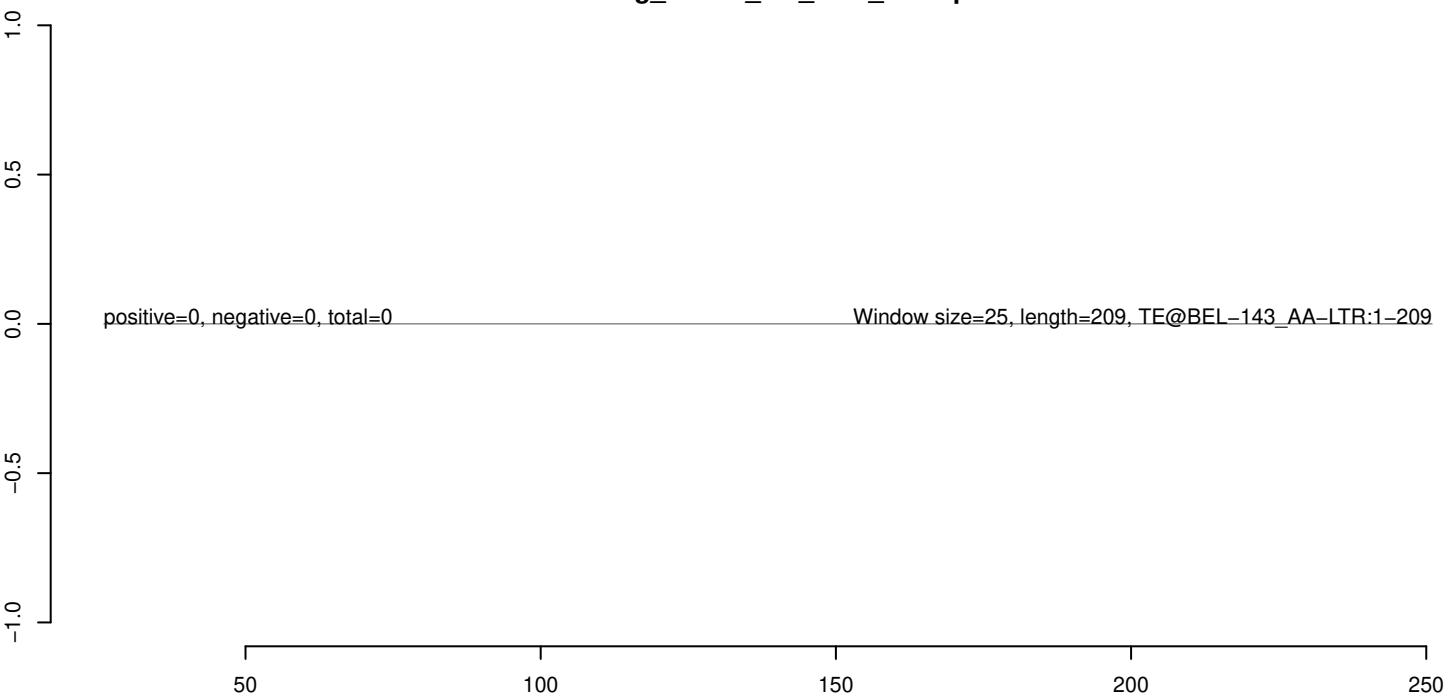
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



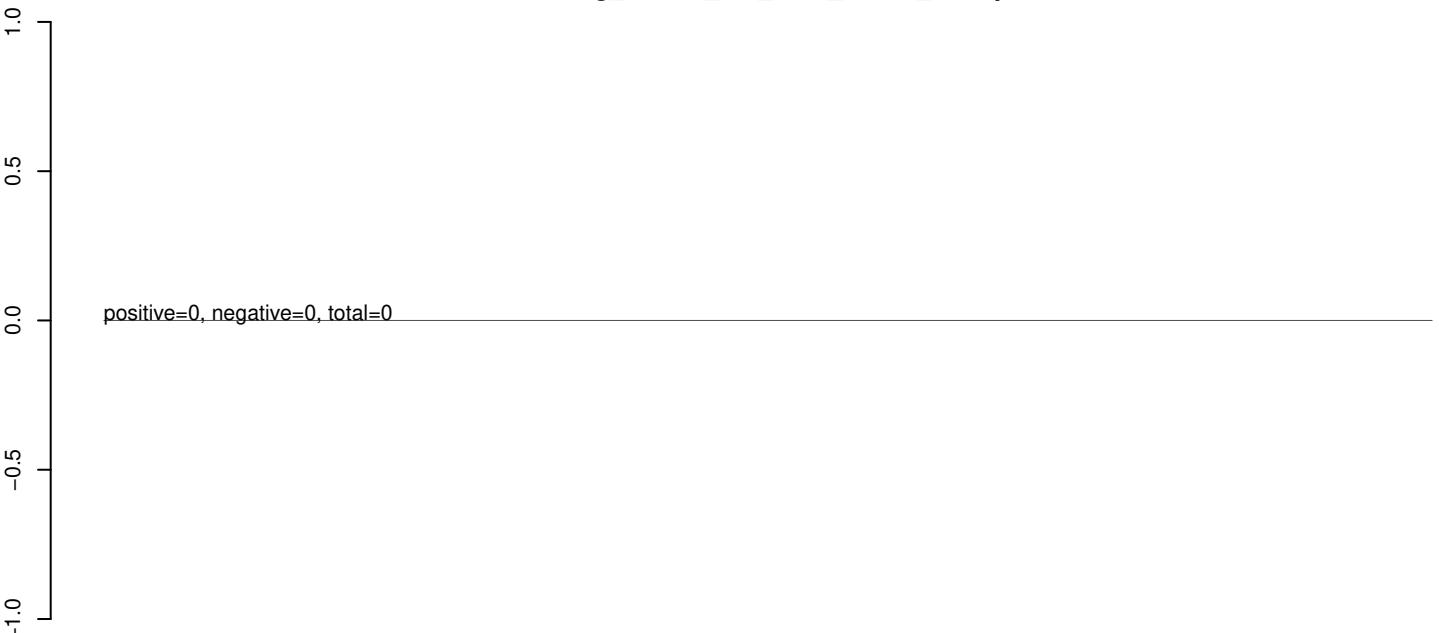
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



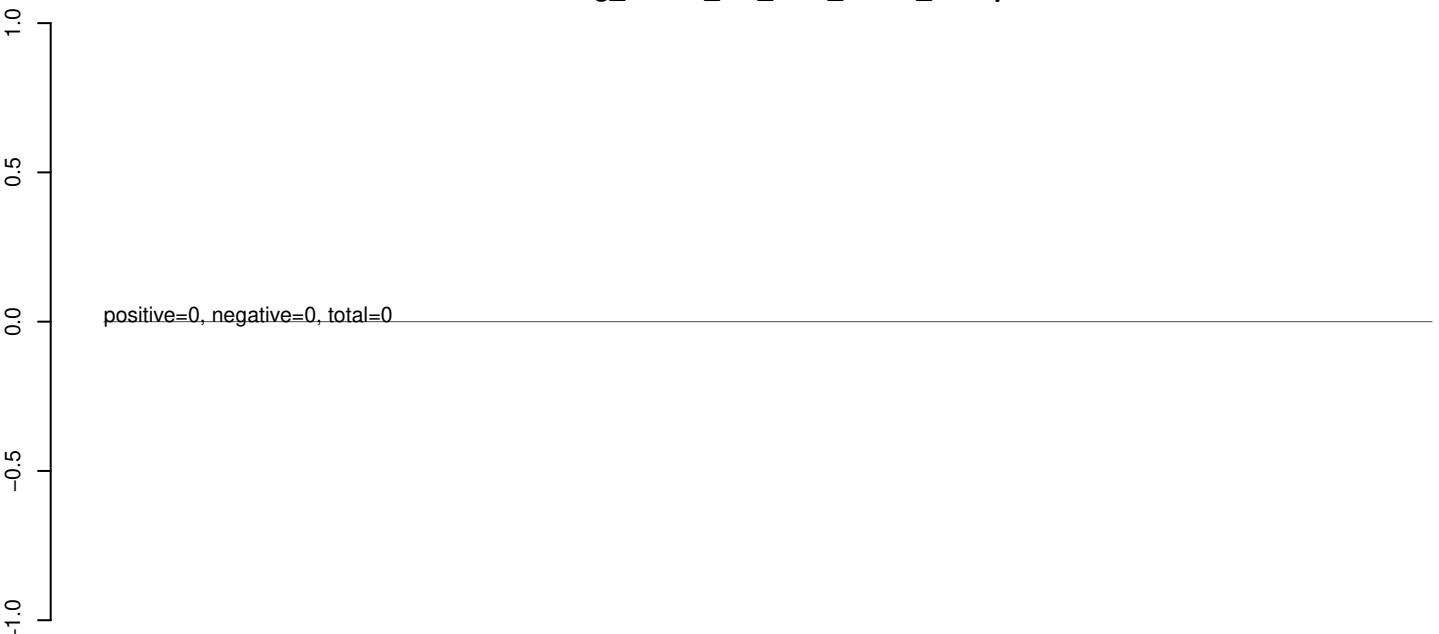
**AeAeg\_Whole\_sm\_r123\_JM.rep**



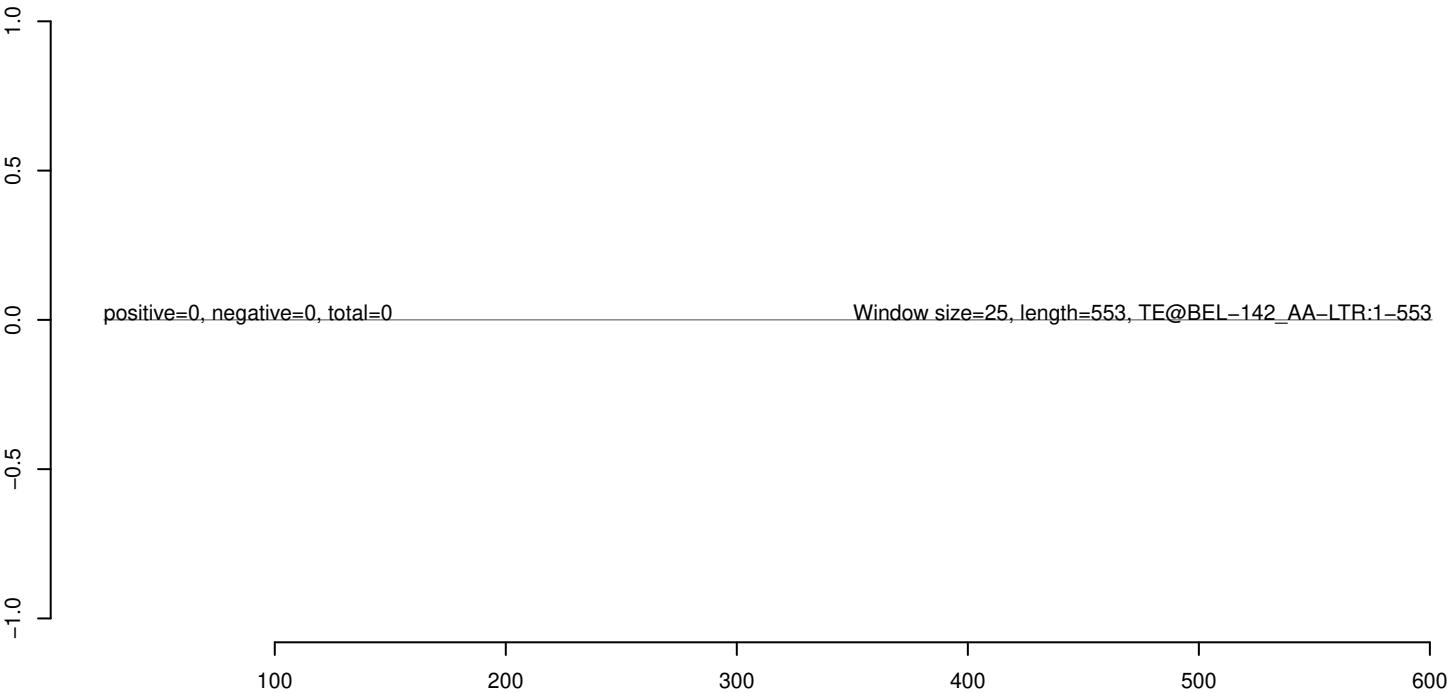
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=352, TE@BEL-140\_AA-LTR:1-352

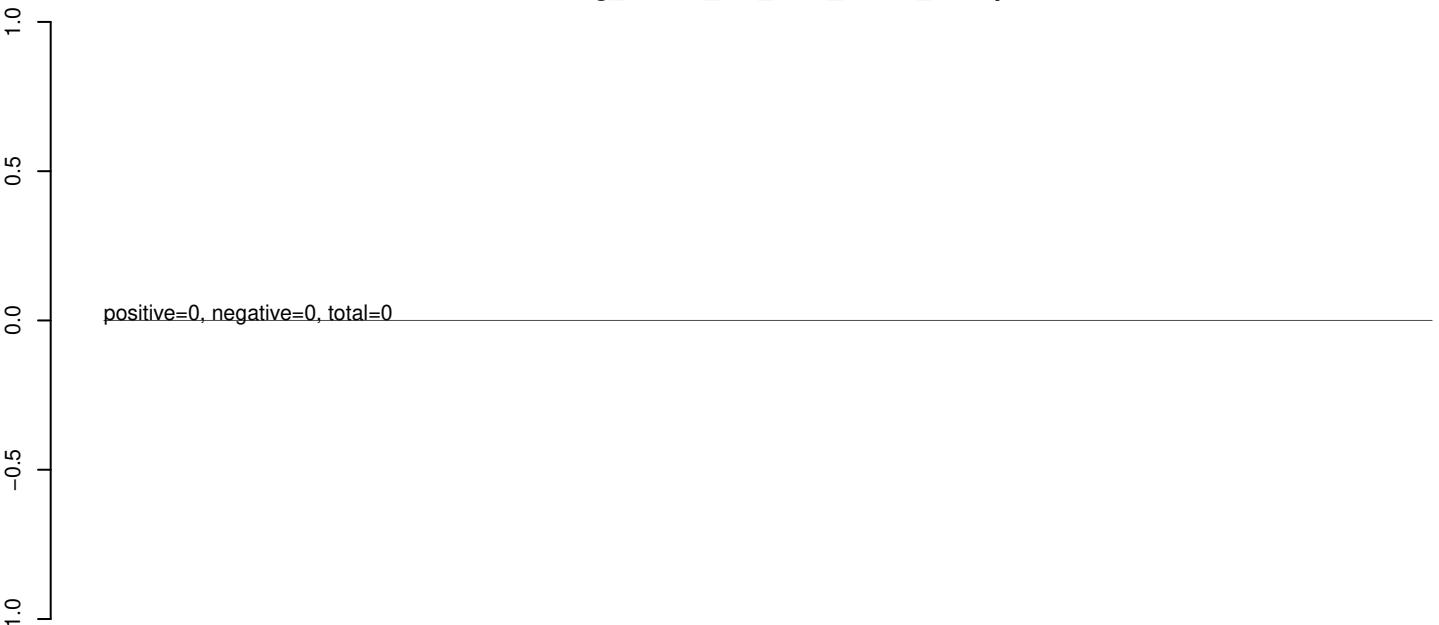
100

200

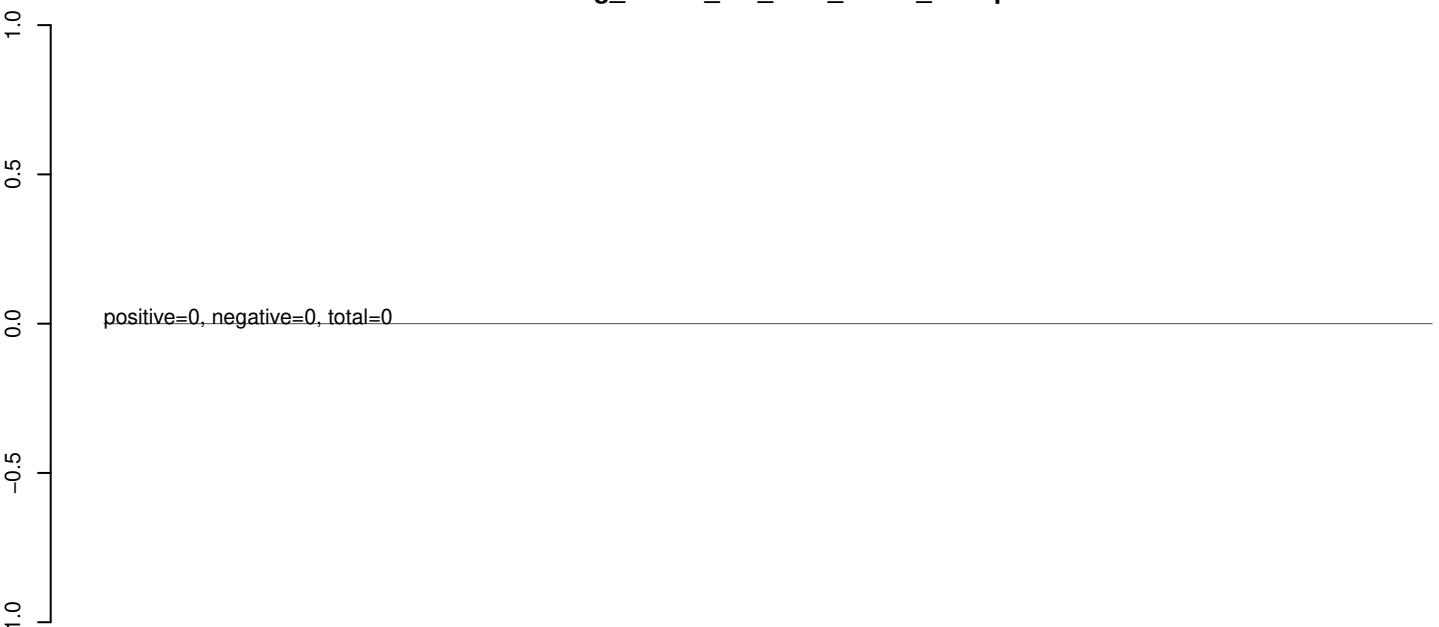
300

400

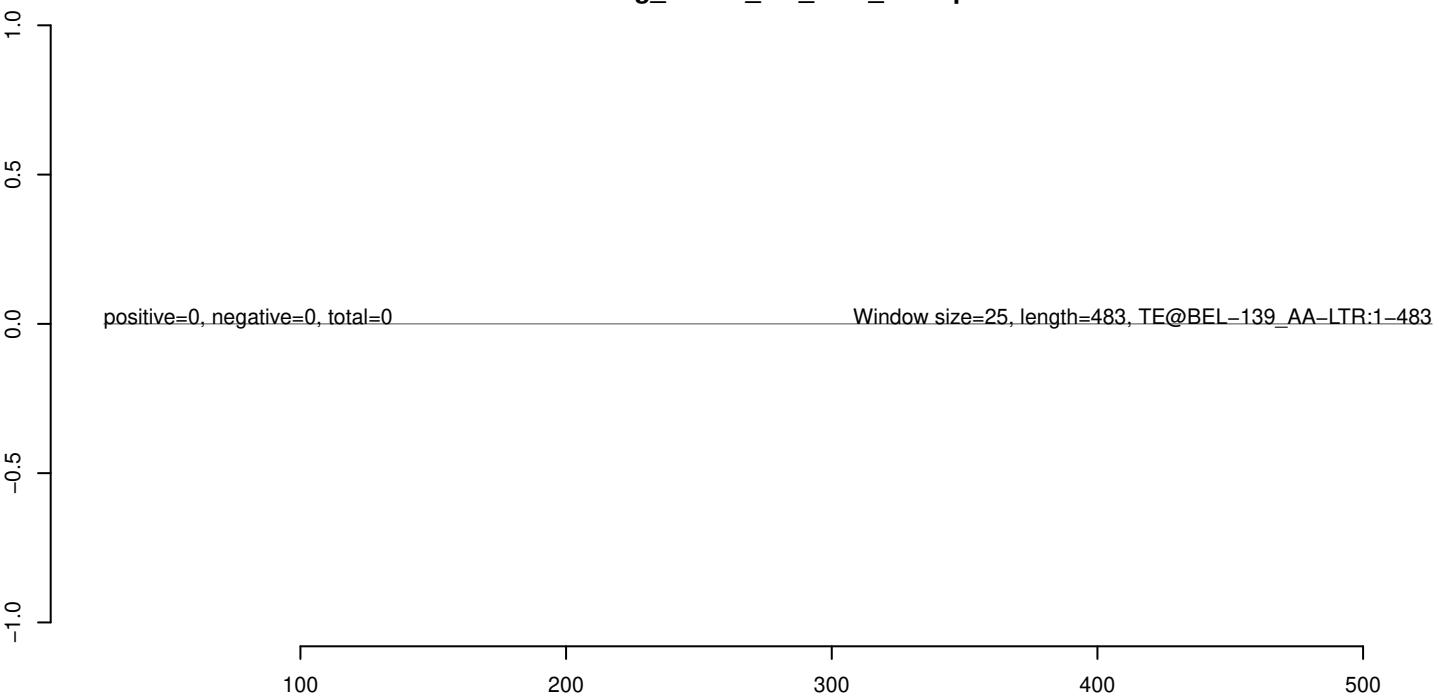
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



100 200 300 400 500

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

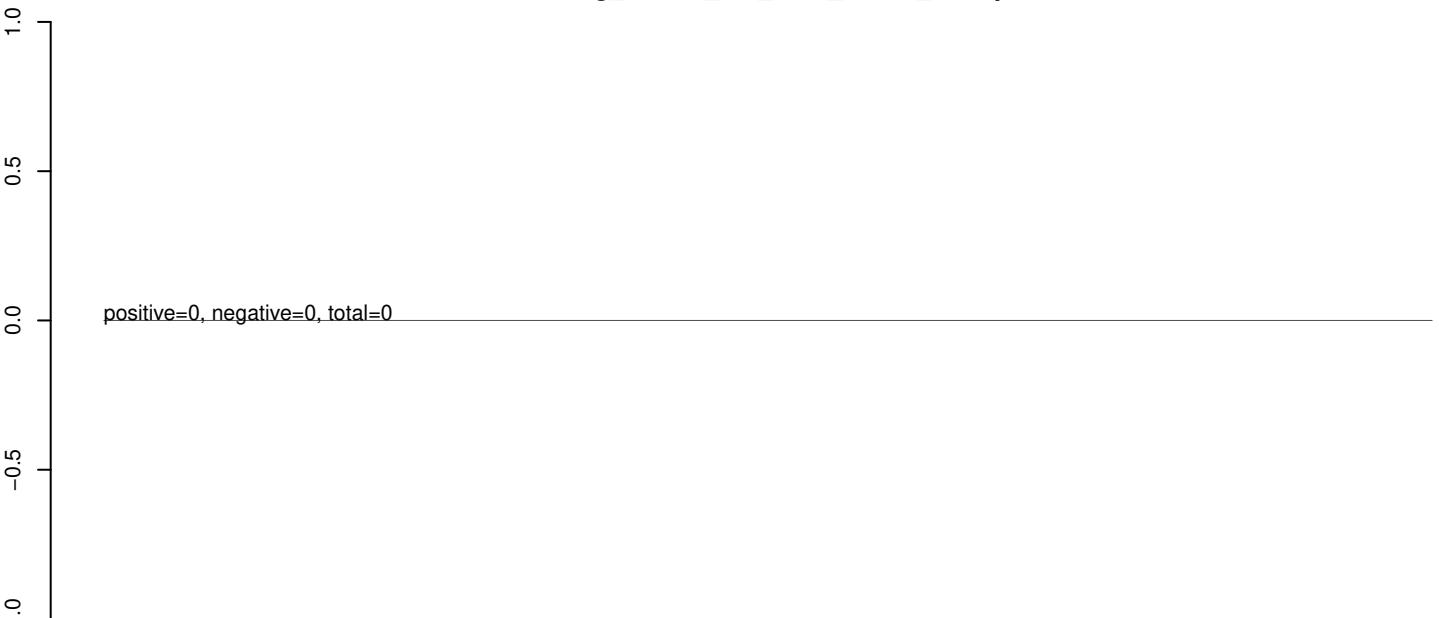
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

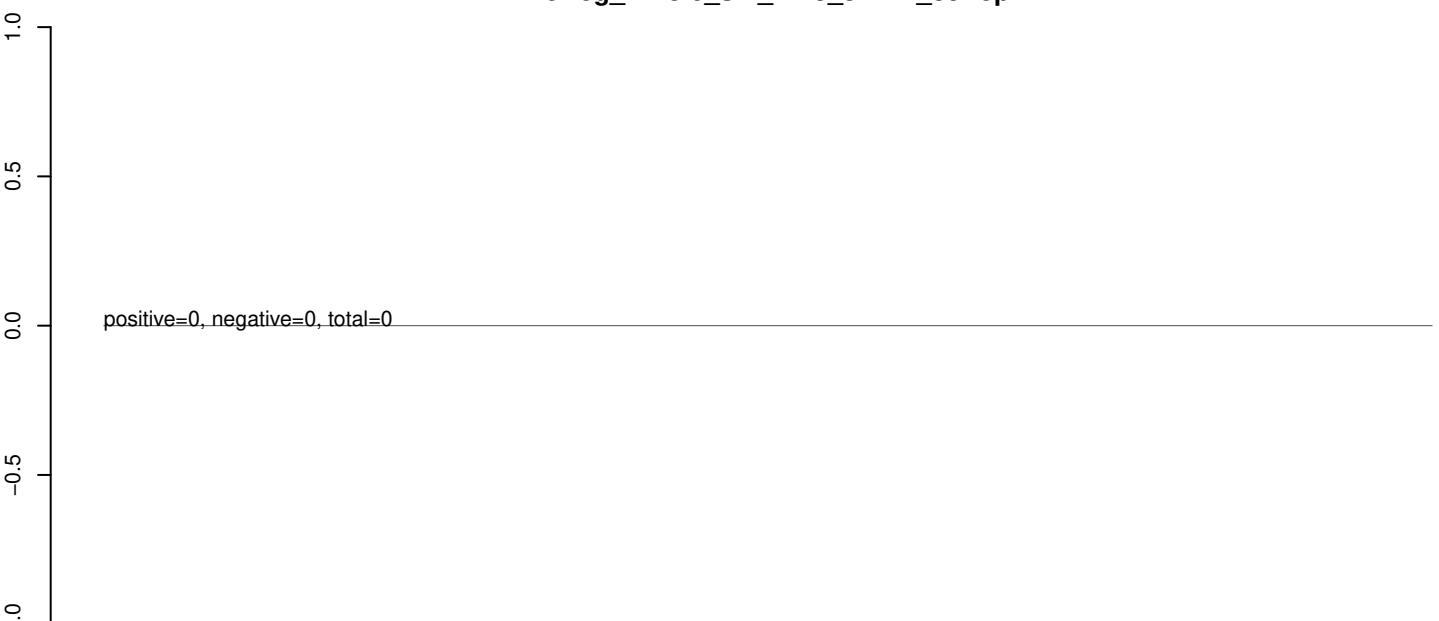
positive=0, negative=0, total=0

Window size=25, length=264, TE@BEL-138\_AA-LTR:1-264

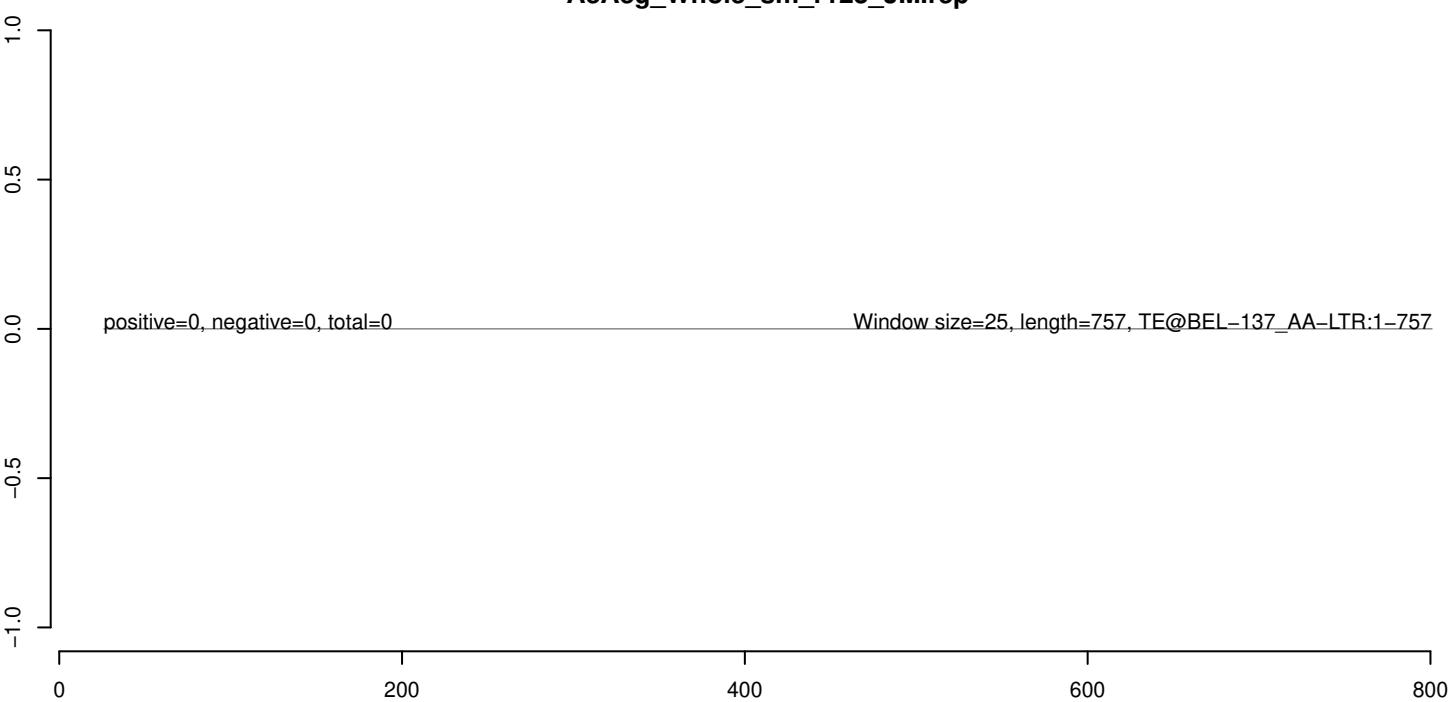
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=385, TE@BEL-136\_AA-LTR:1-385

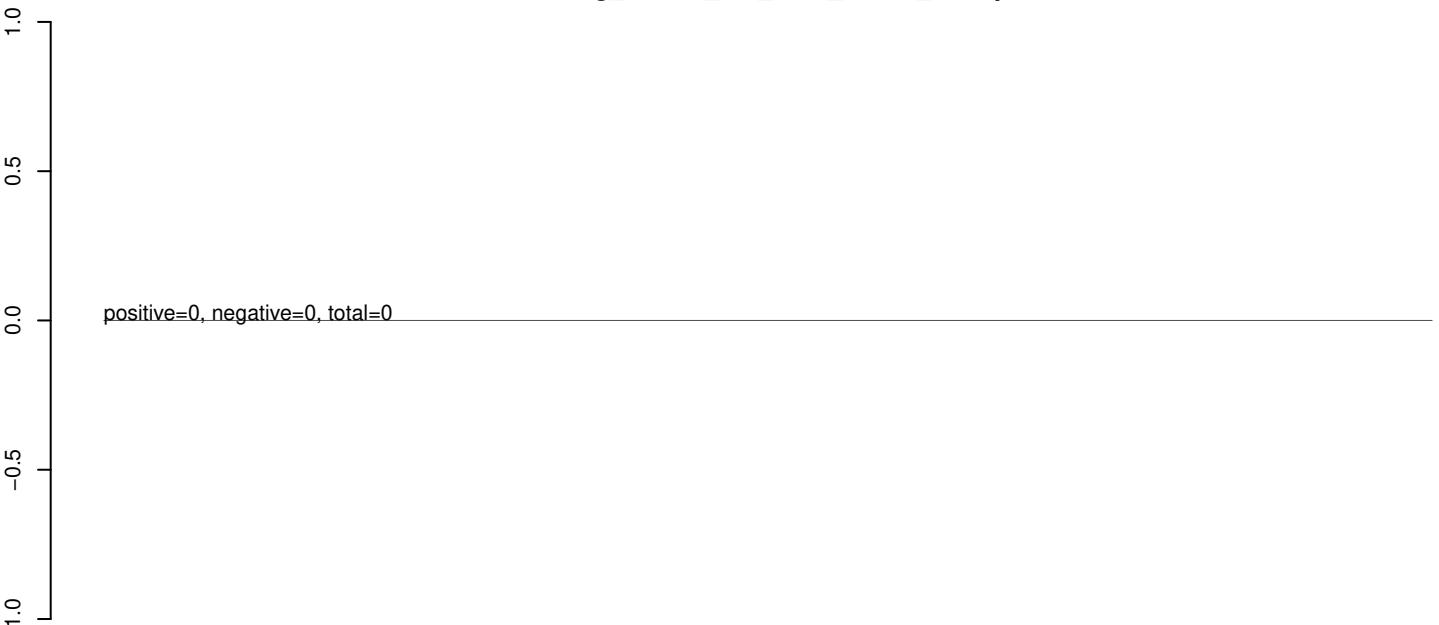
100

200

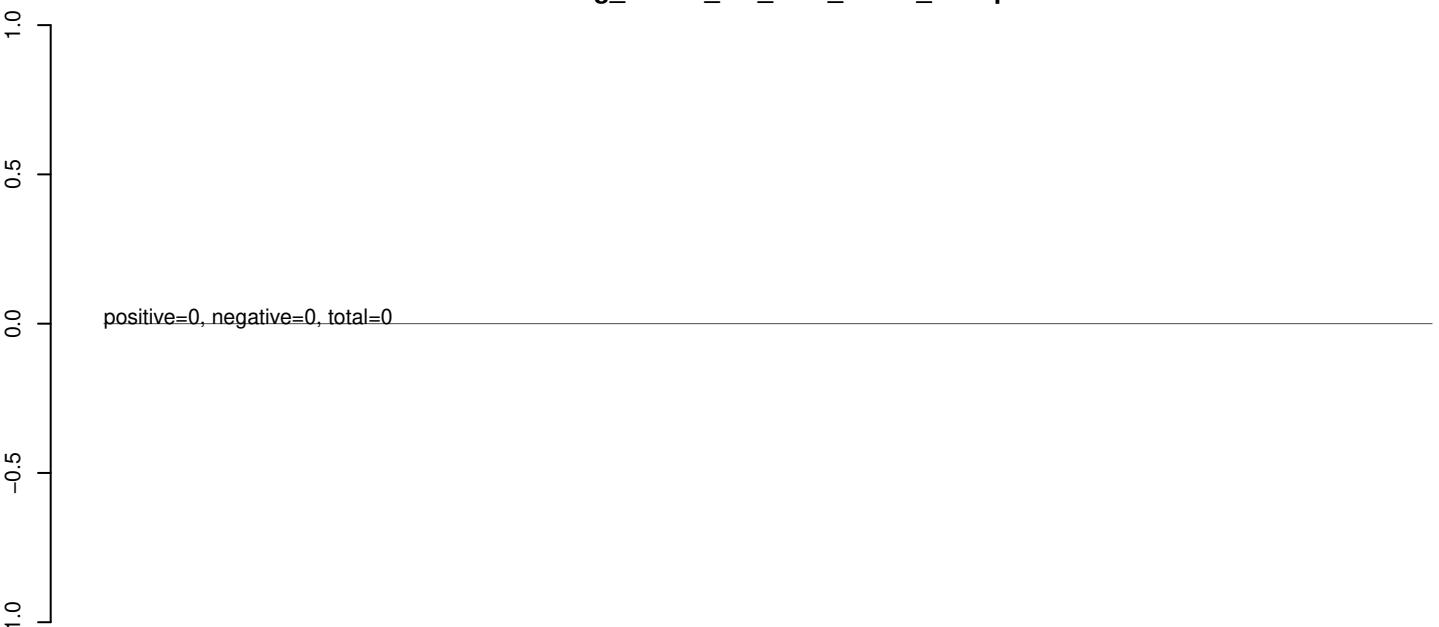
300

400

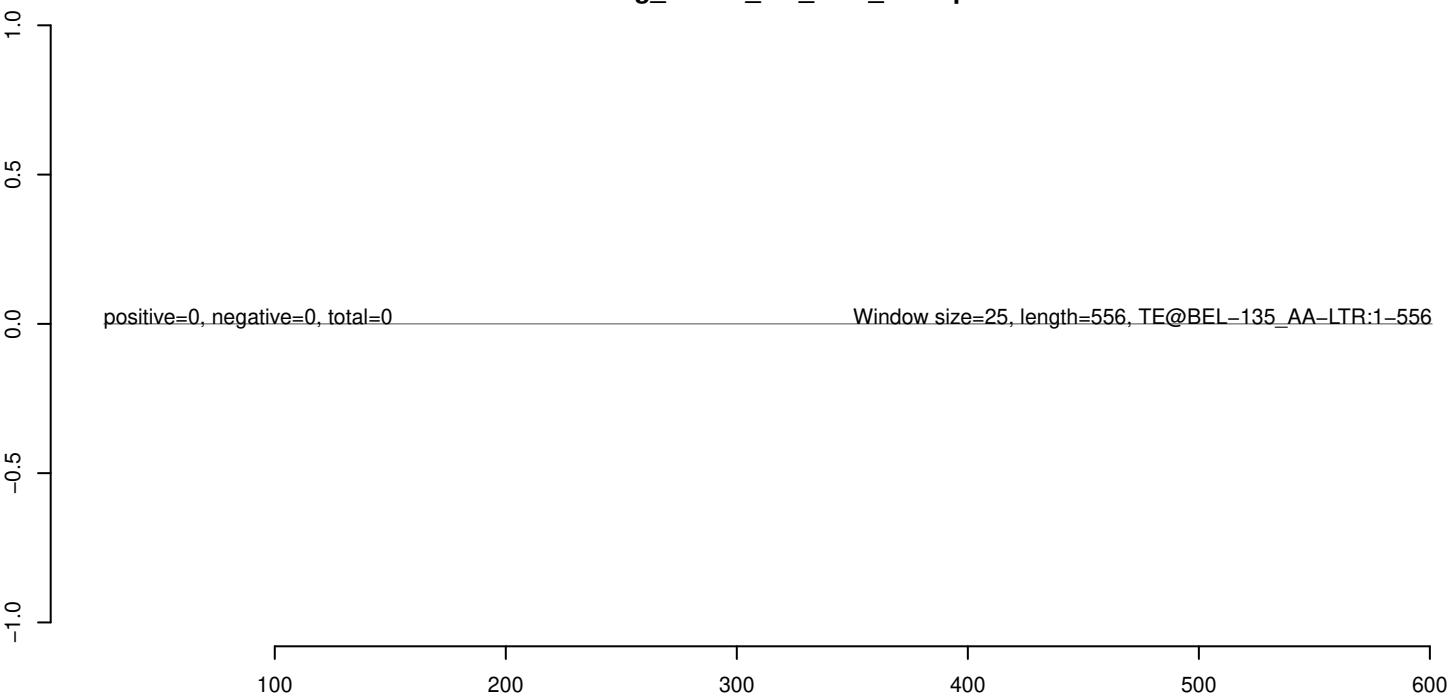
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=378, TE@BEL-133\_AA-LTR:1-378

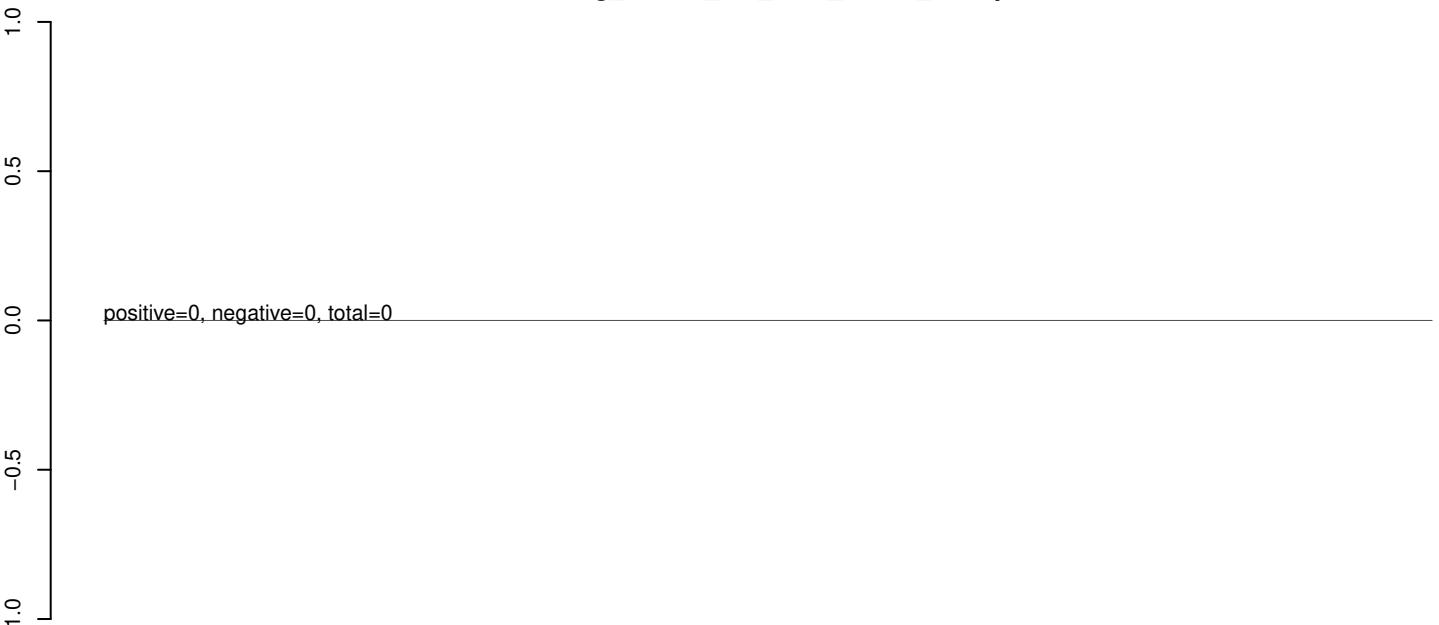
100

200

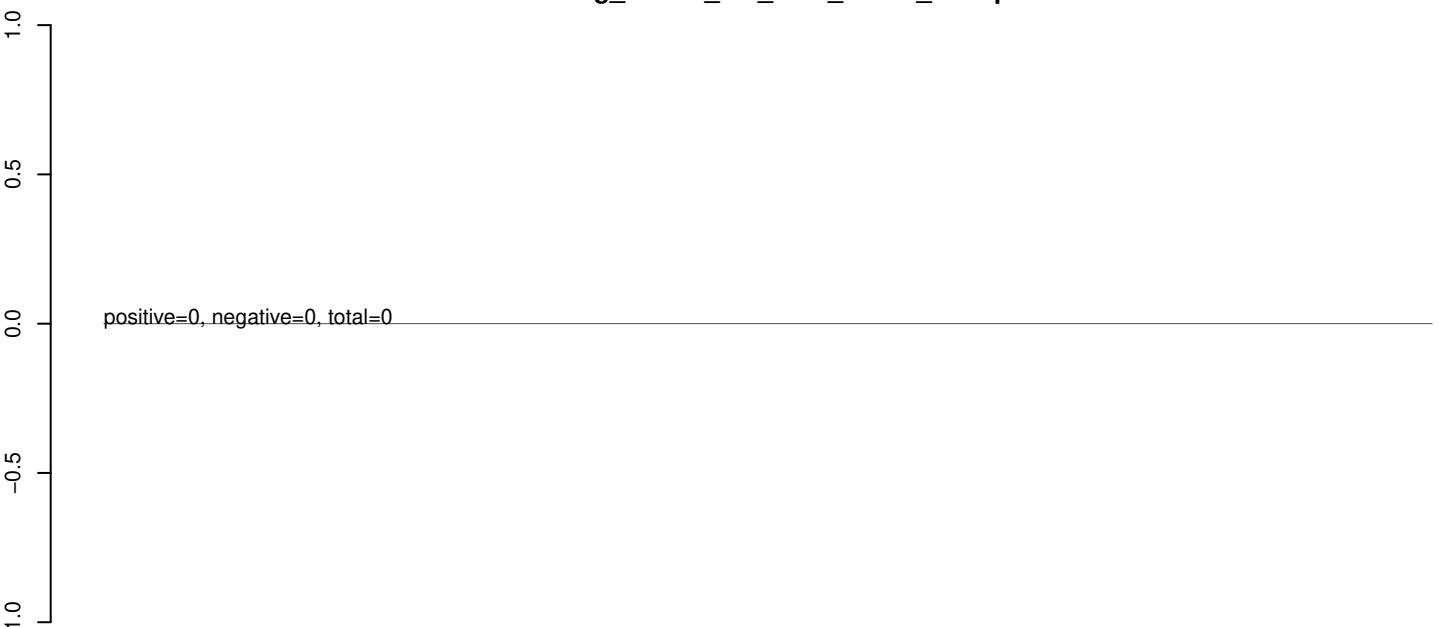
300

400

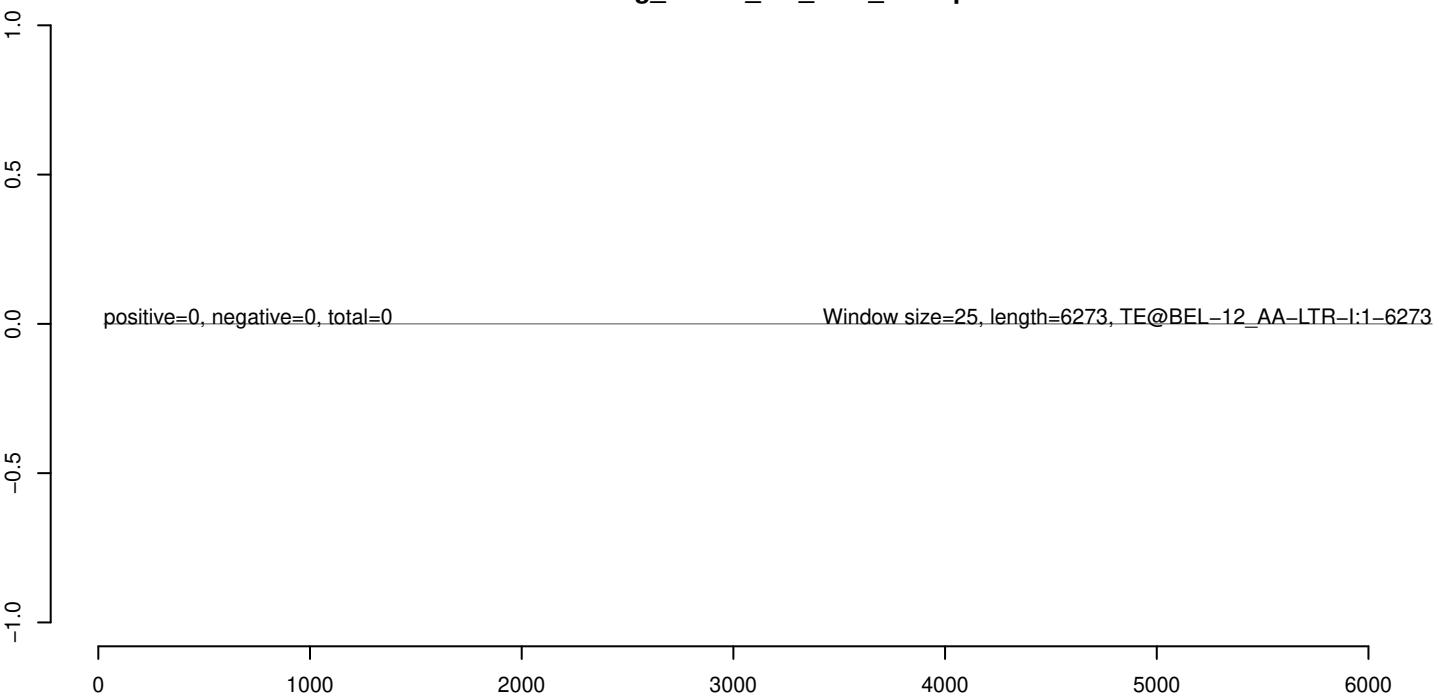
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=6673, TE@BEL-120\_AA-LTR-l:1-6673

0 1000 2000 3000 4000 5000 6000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=3628, TE@BEL-112\_AA-LTR-I:1-3628

0 1000 2000 3000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=1662, TE@AeTango2:1–1662

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=2350, TE@AY079079.1:1–2350

0 500 1000 1500 2000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=2333, TE@AY009104.1:1–2333

0 500 1000 1500 2000

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window.size=25, length=1714, TE@AY009102.1:1-1714

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=347, TE@AJ970240.1:1–347

**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=379, TE@AJ970233.1:1–379

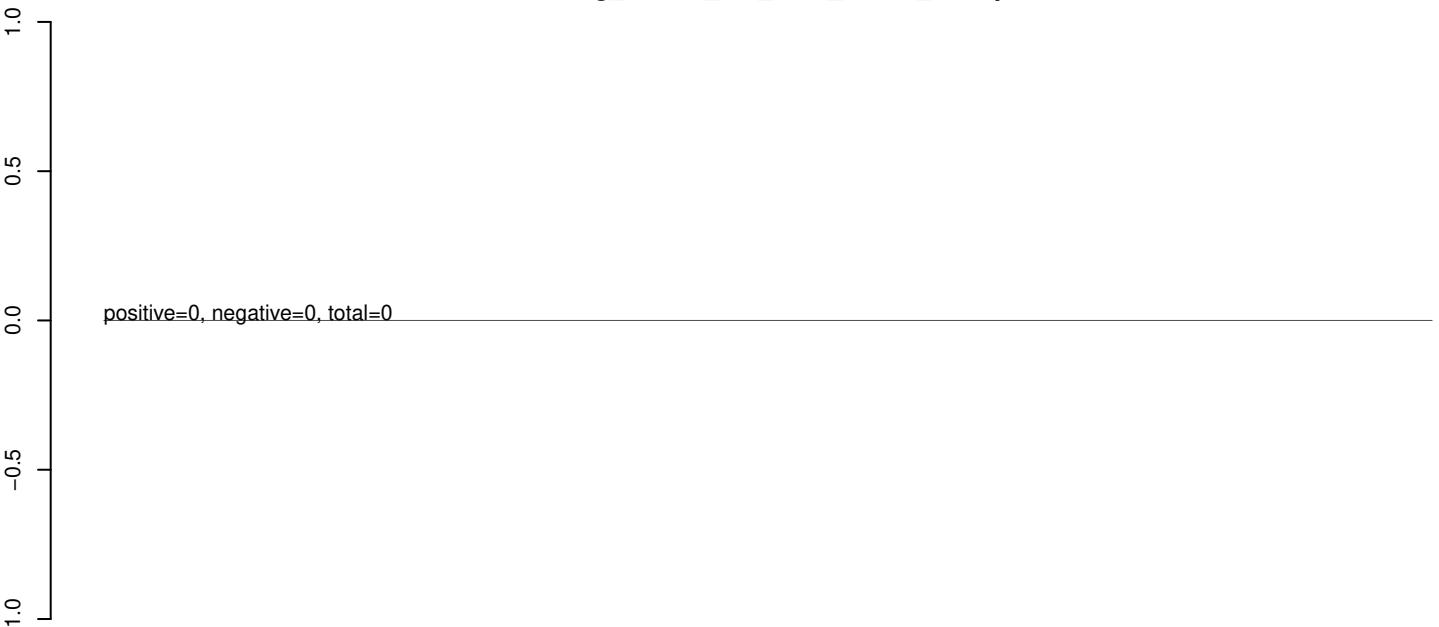
100

200

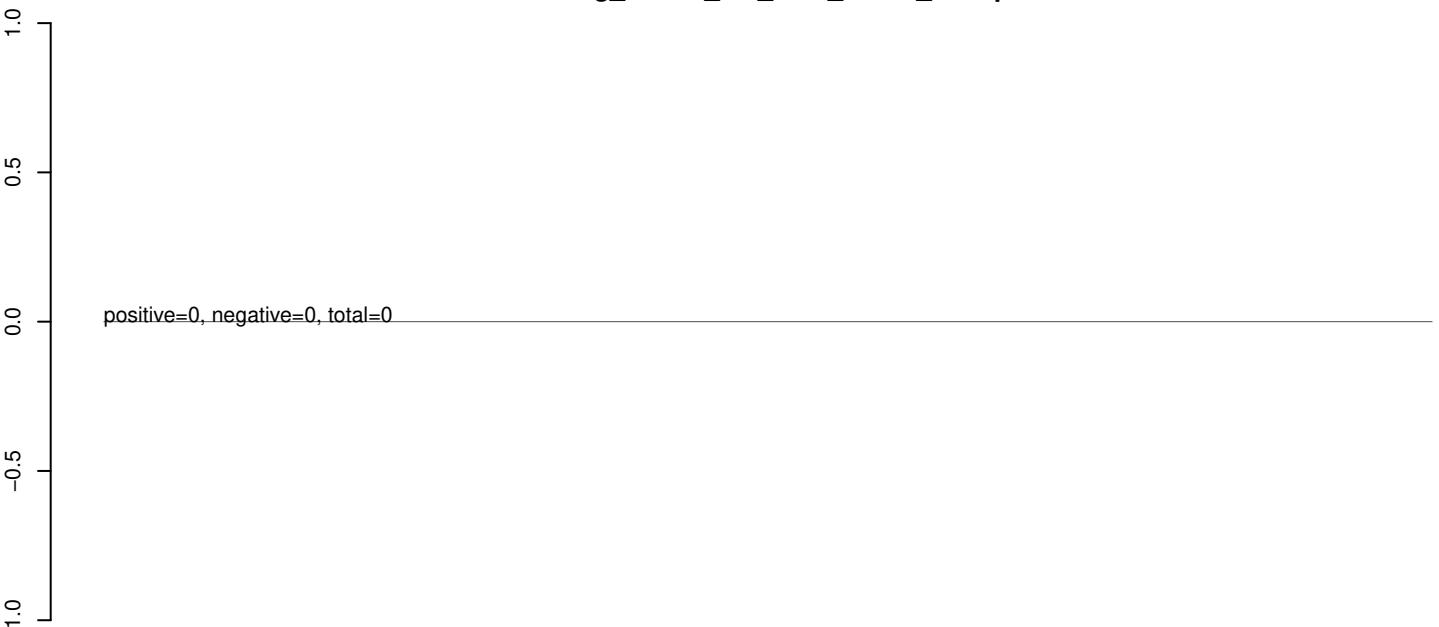
300

400

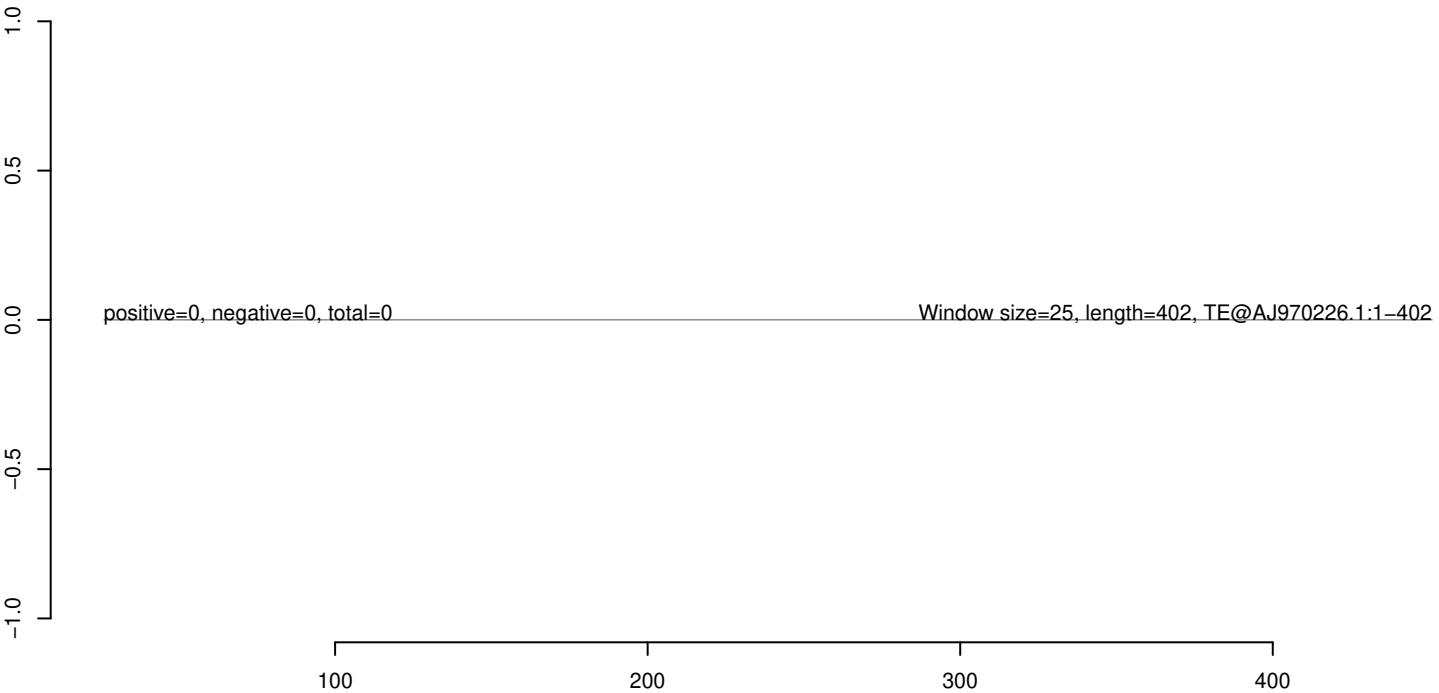
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



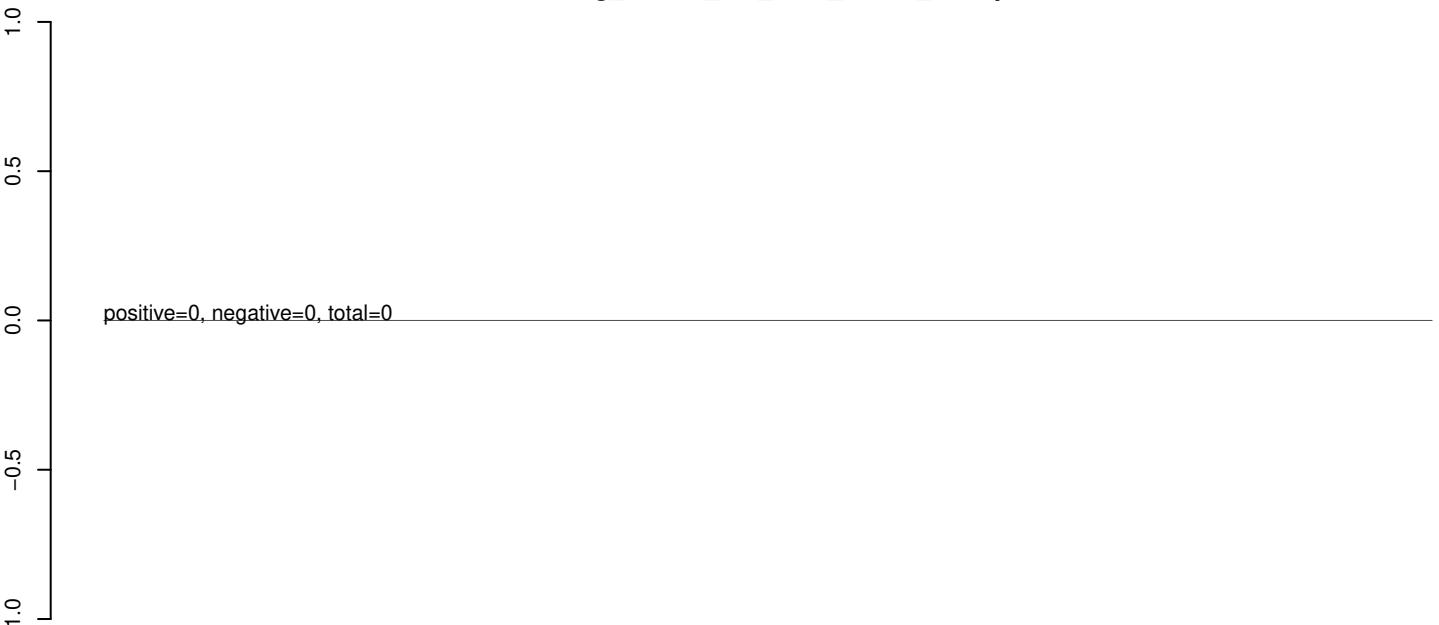
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



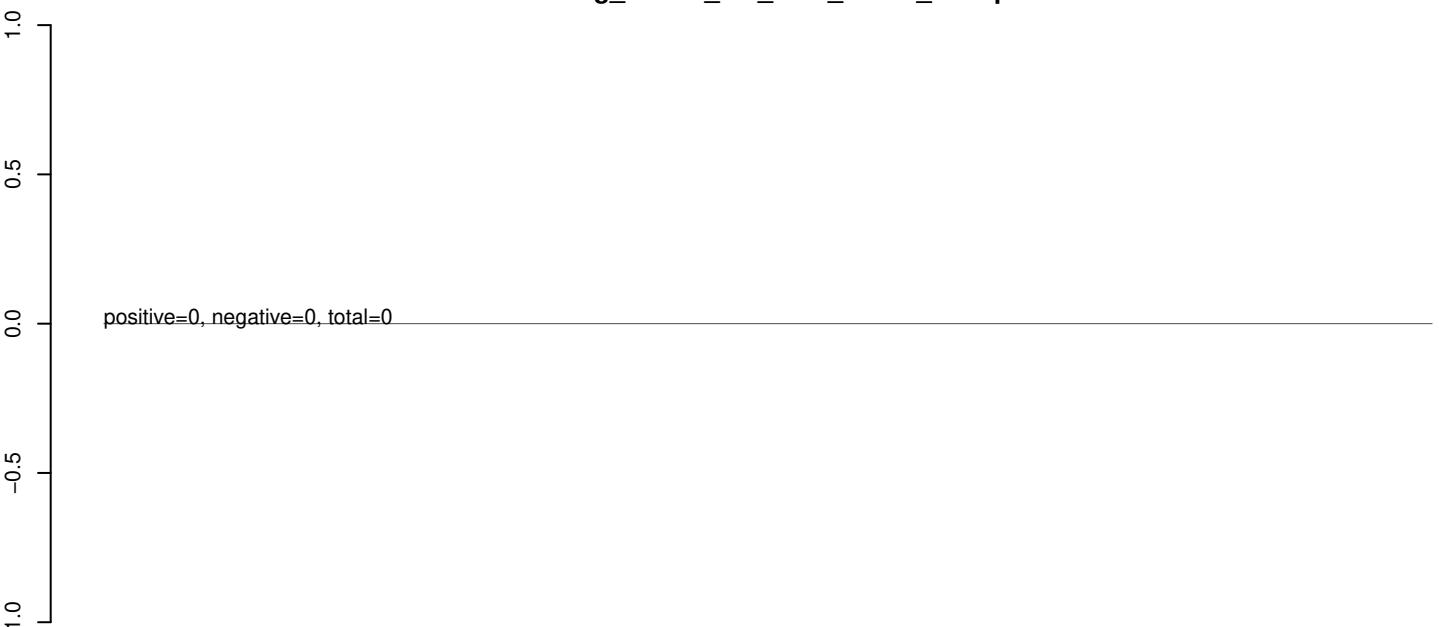
**AeAeg\_Whole\_sm\_r123\_JM.rep**



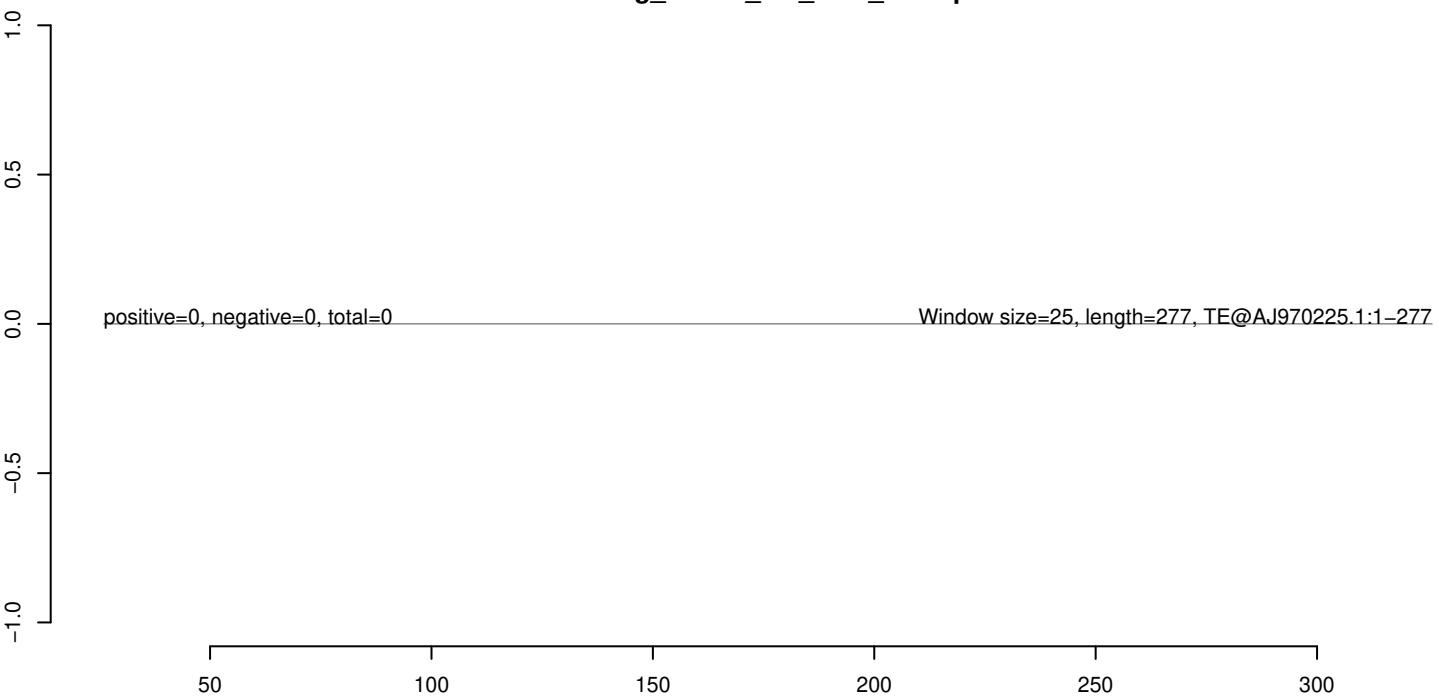
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

positive=0, negative=0, total=0

Window size=25, length=395, TE@AJ970208.1:1–395

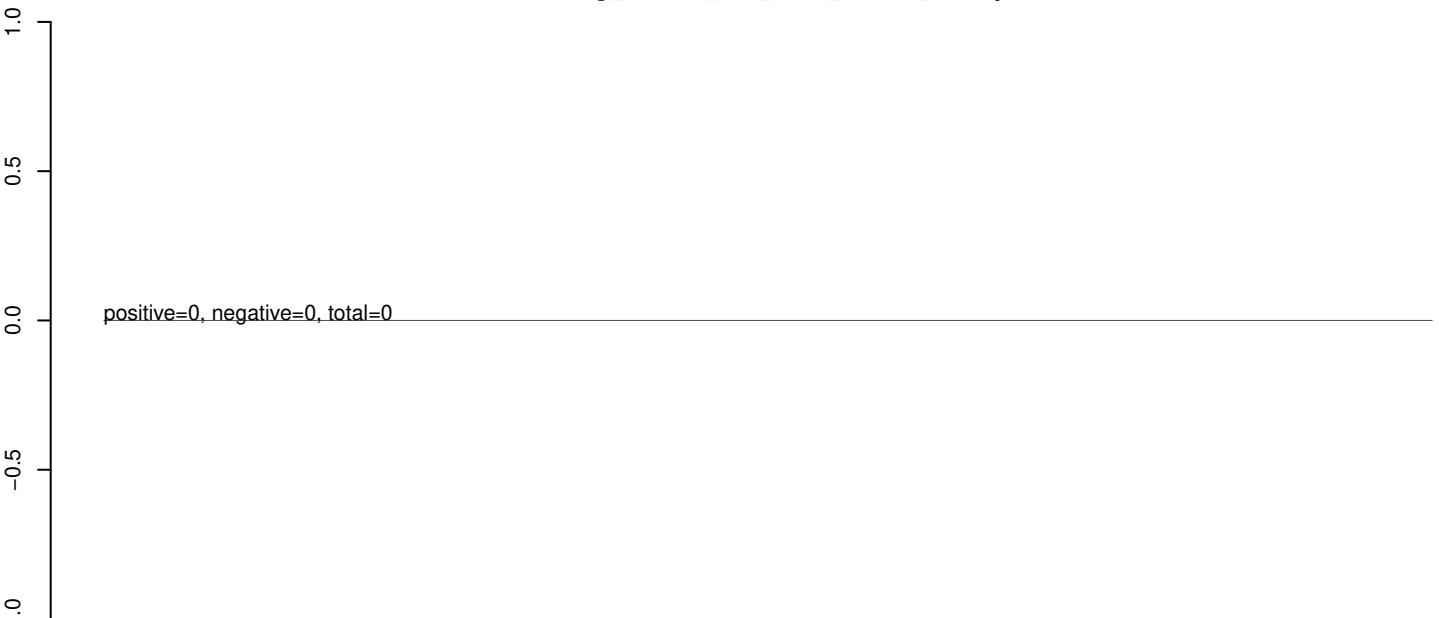
100

200

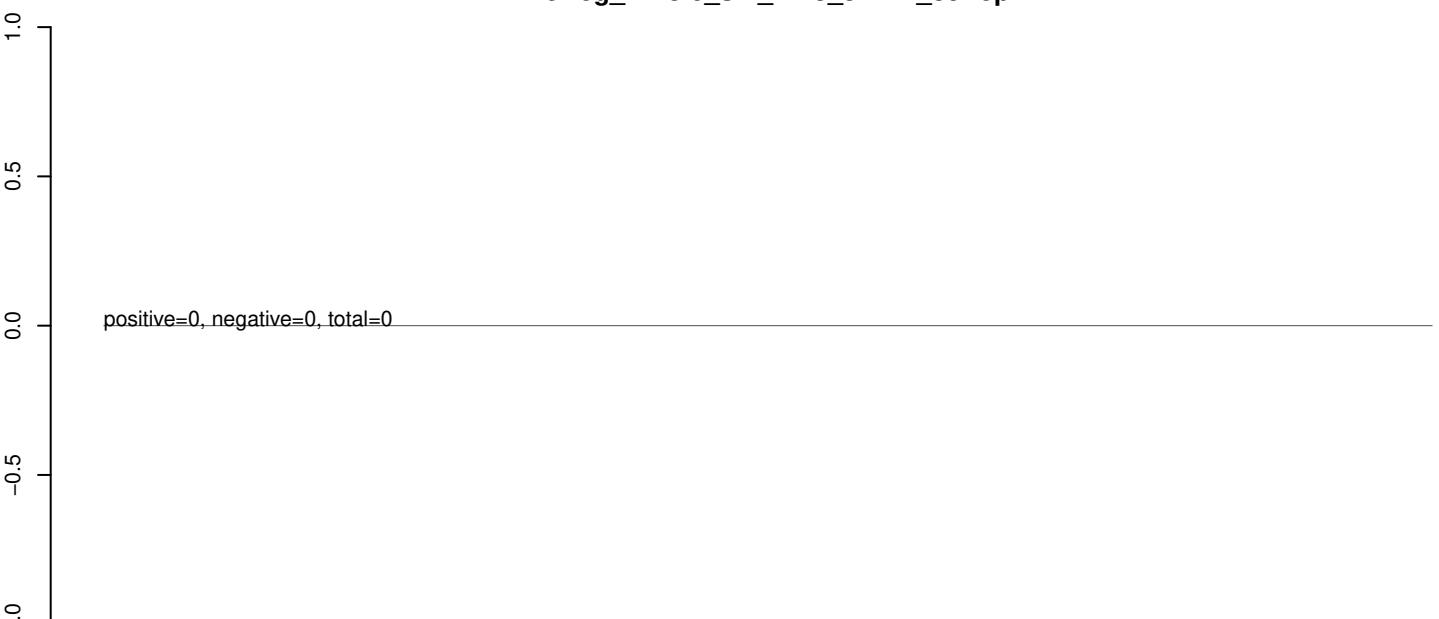
300

400

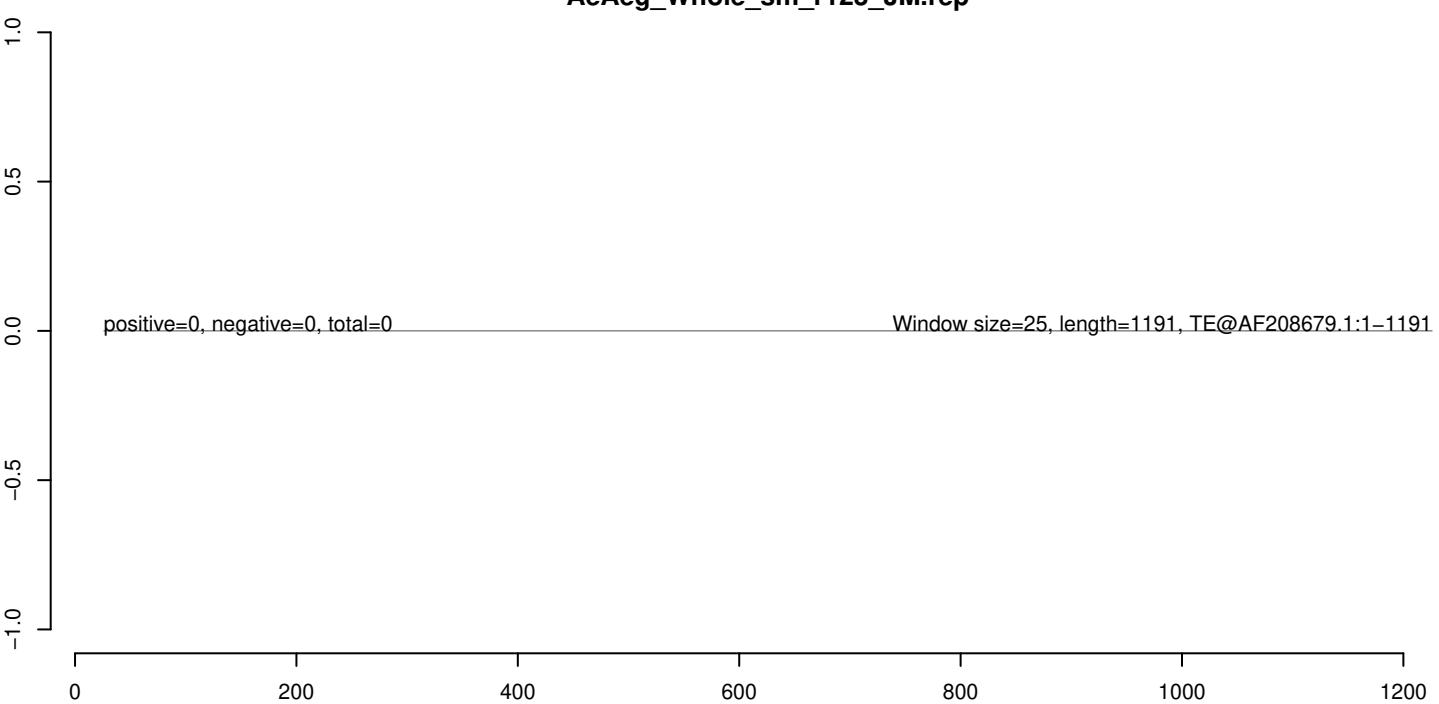
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



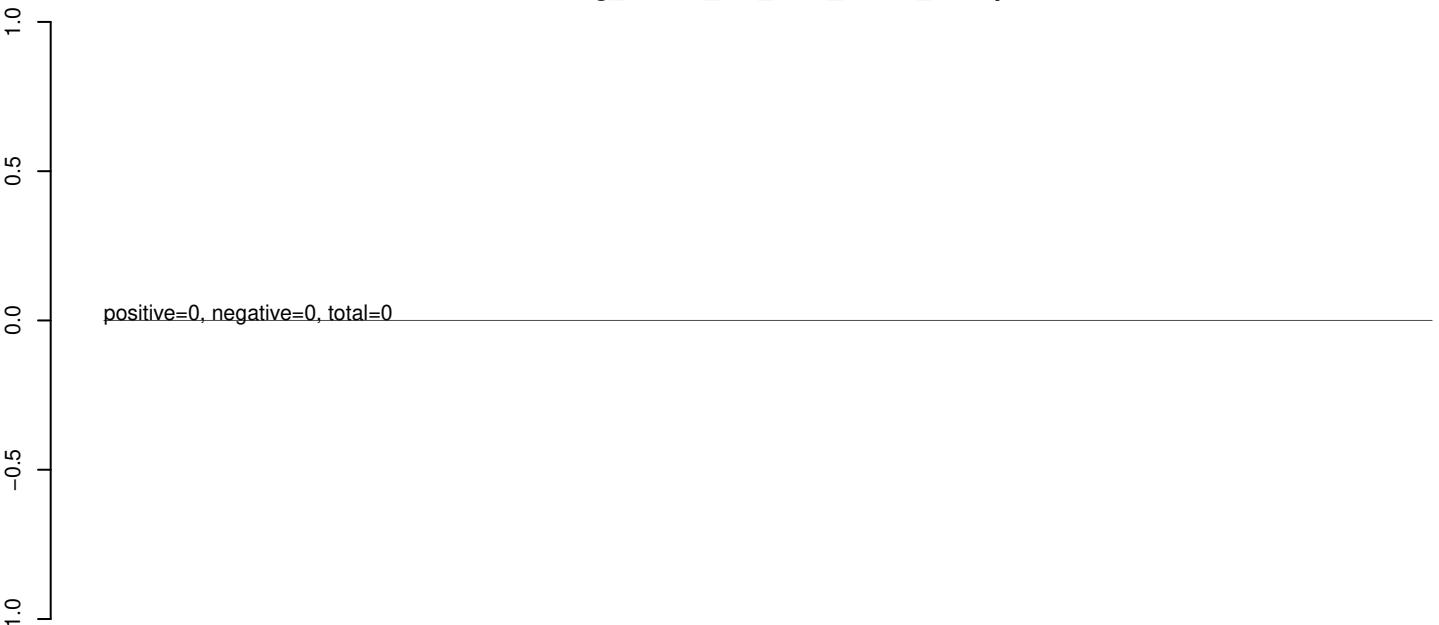
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



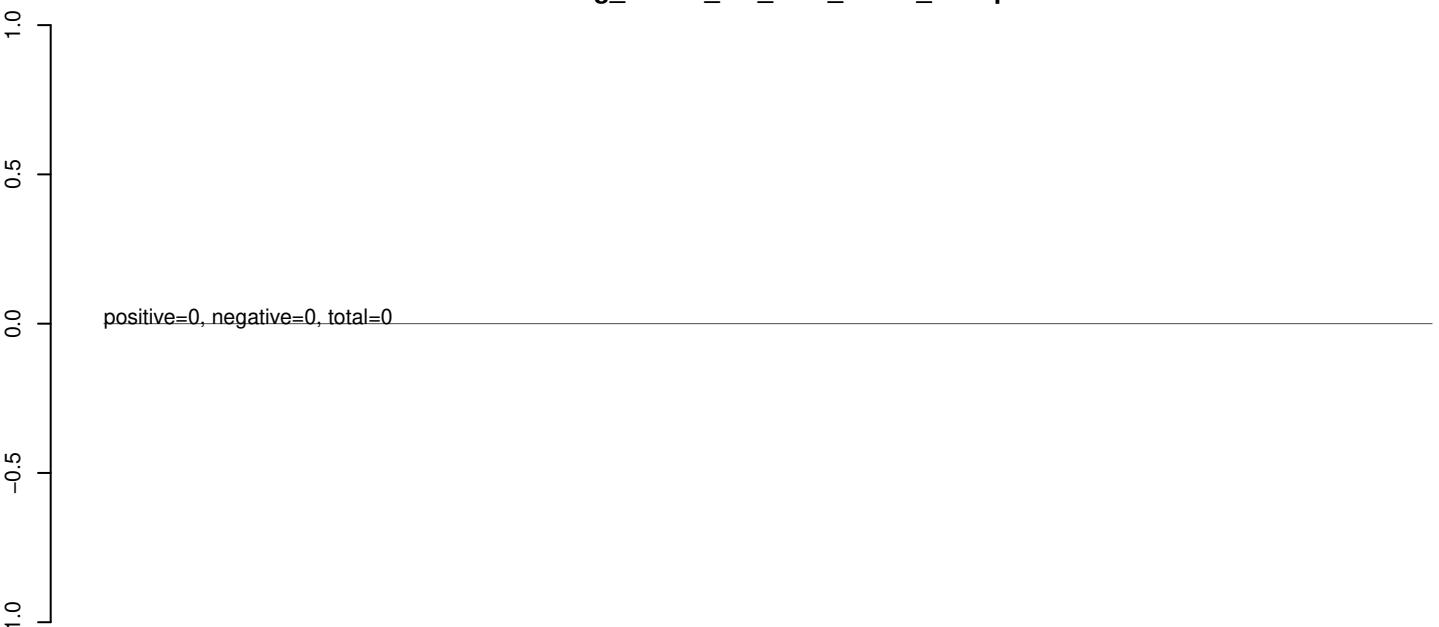
**AeAeg\_Whole\_sm\_r123\_JM.rep**



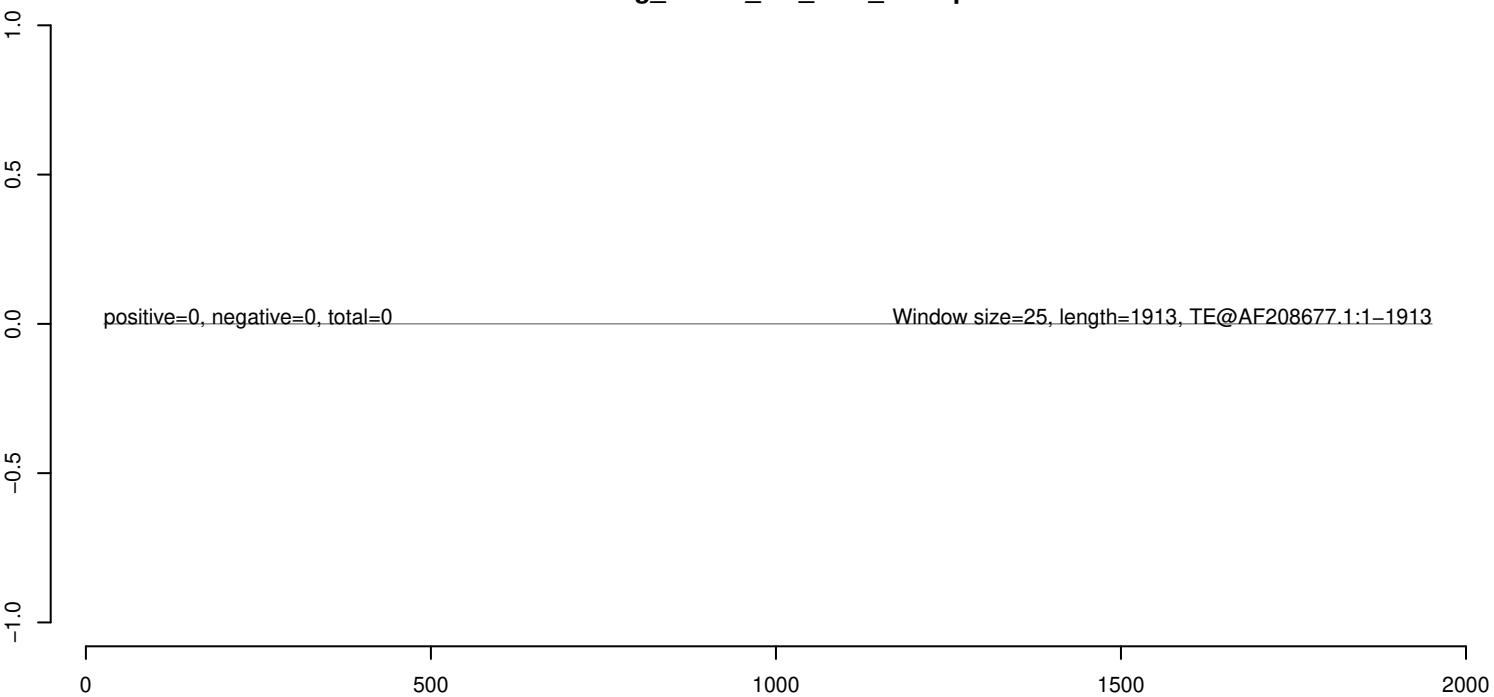
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**

positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**

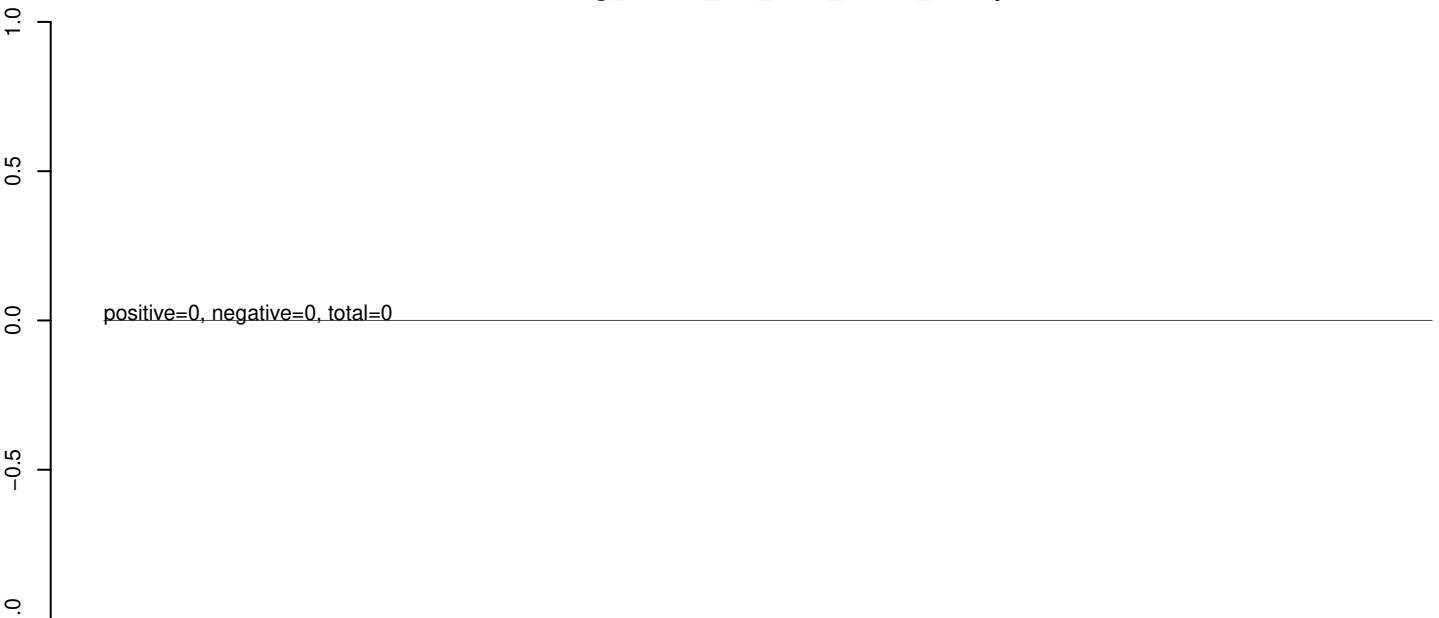
positive=0, negative=0, total=0

**AeAeg\_Whole\_sm\_r123\_JM.rep**

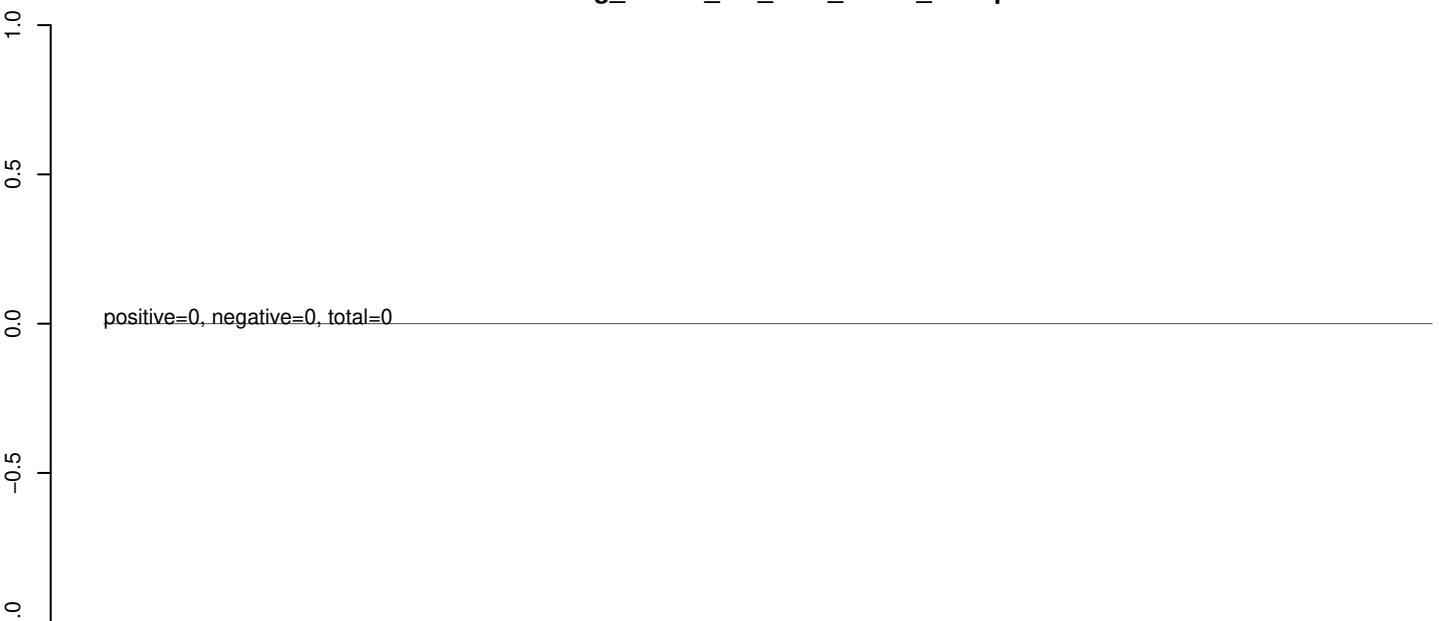
positive=0, negative=0, total=0

Window.size=25, length=1968, TE@AF208673.1:1–1968

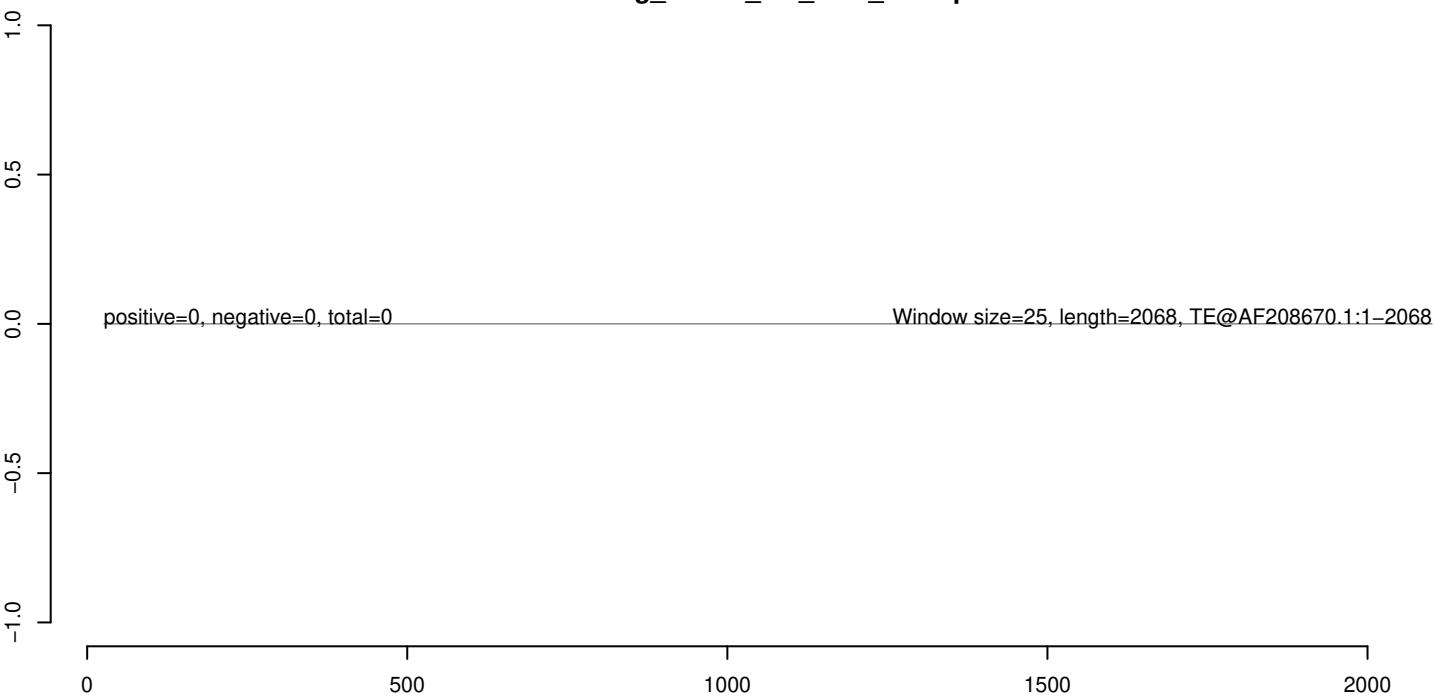
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



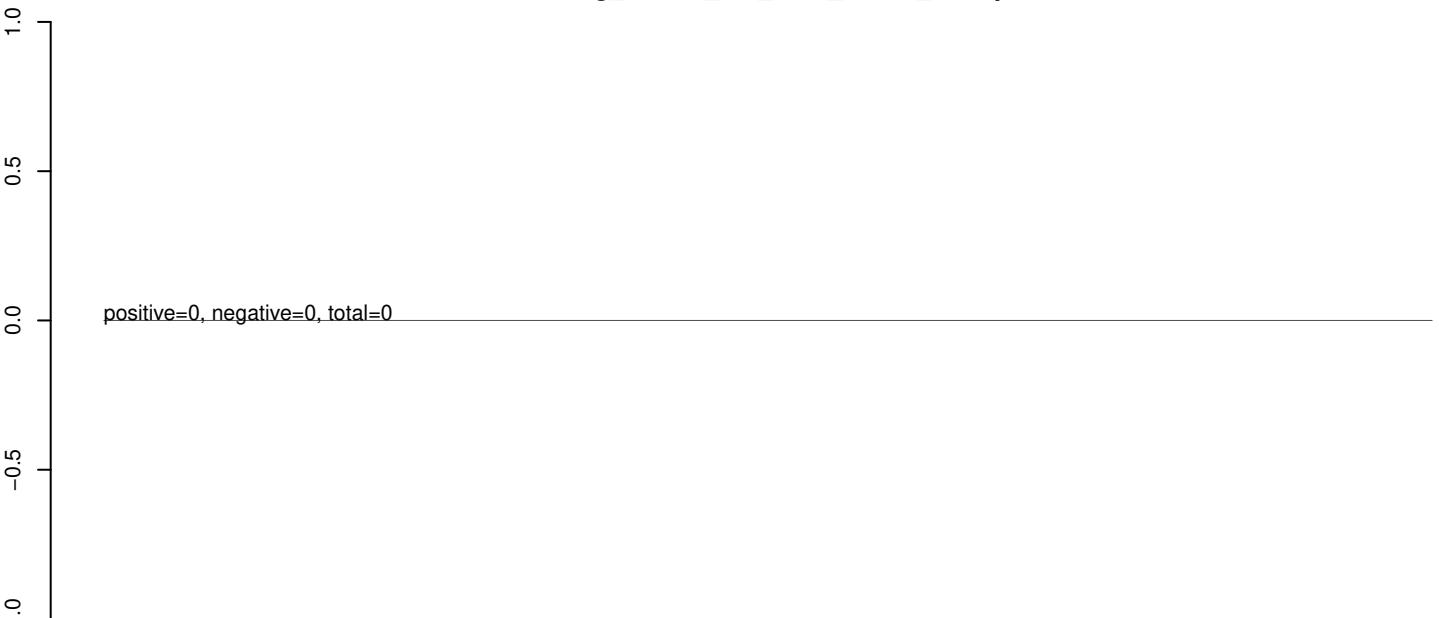
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



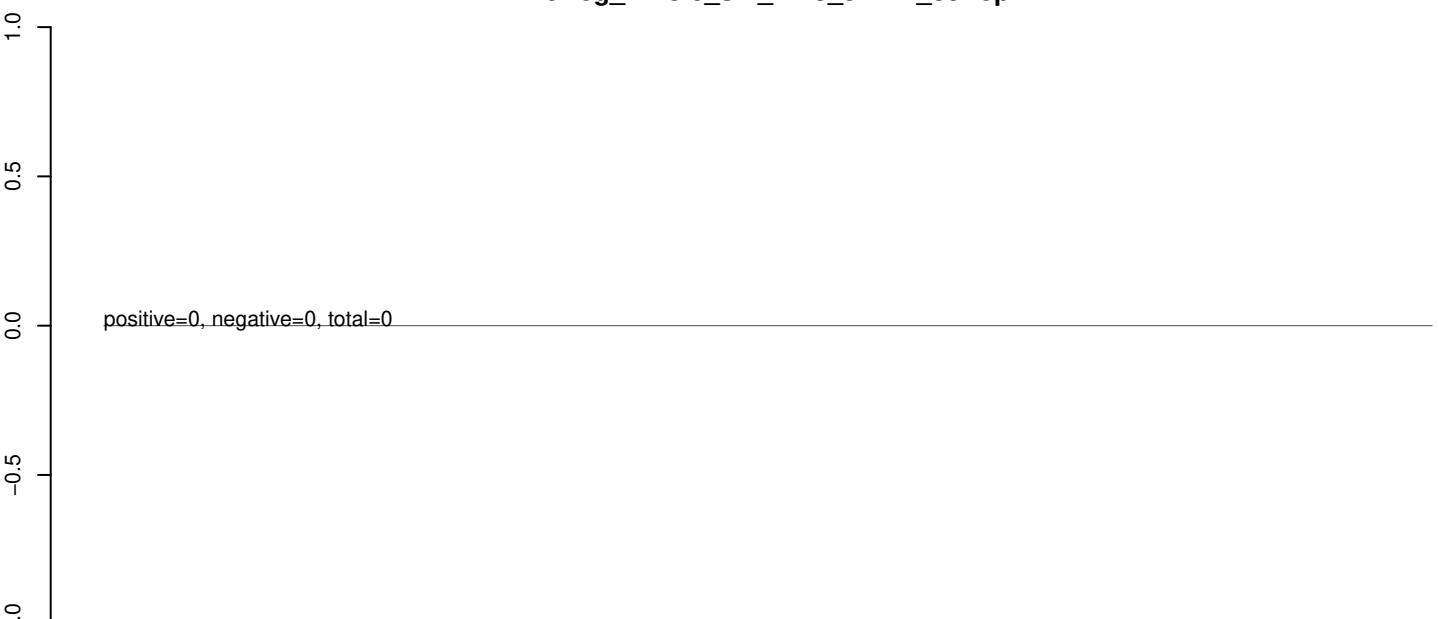
**AeAeg\_Whole\_sm\_r123\_JM.rep**



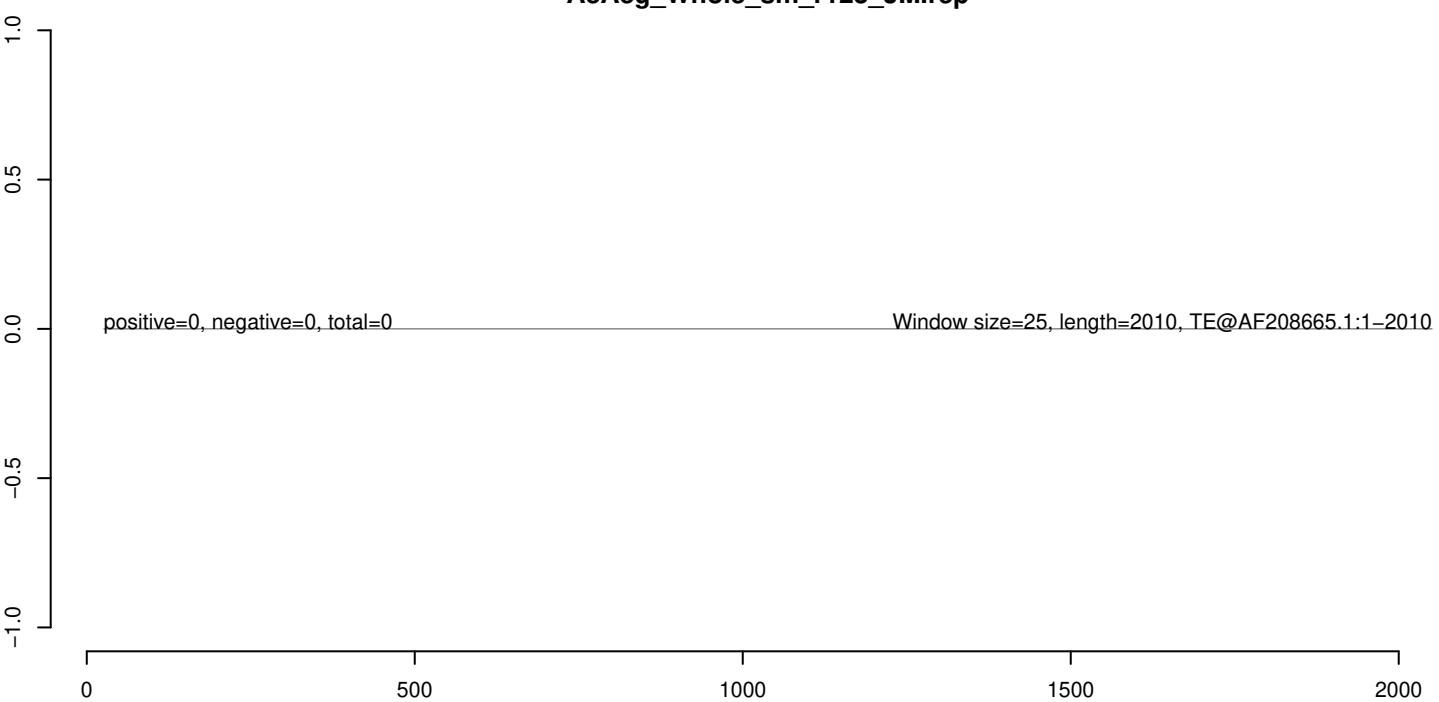
**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



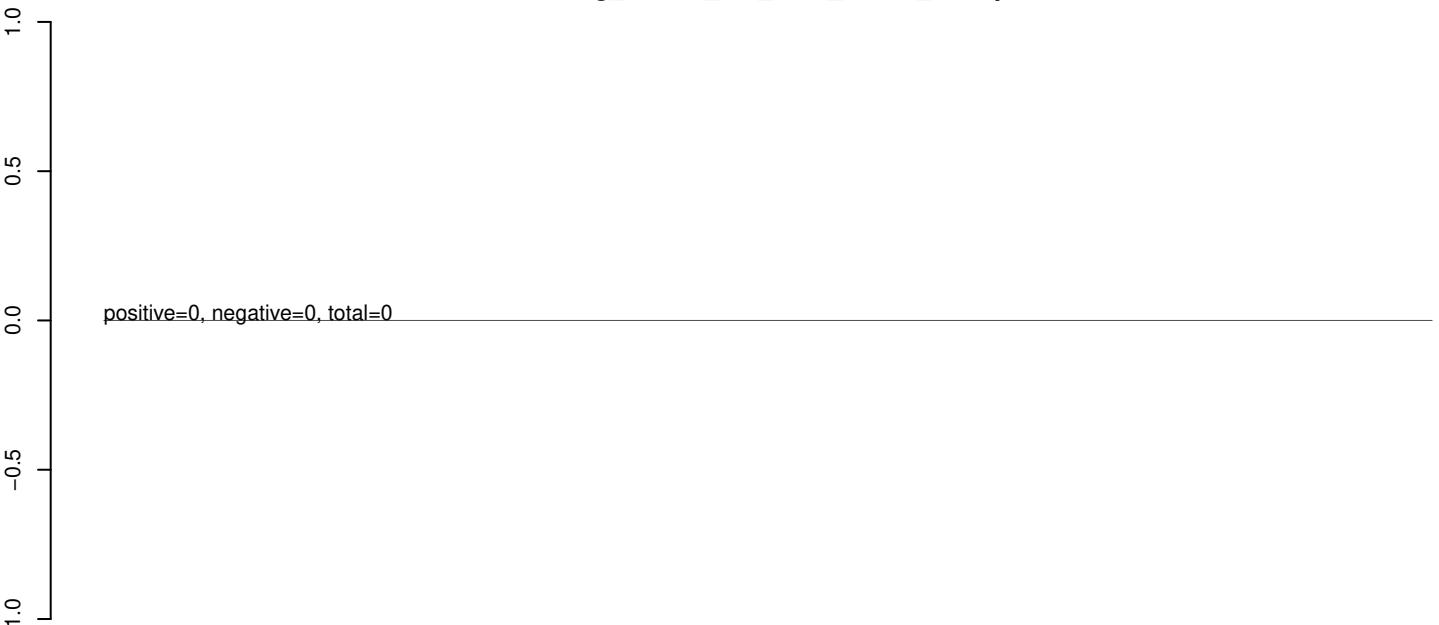
**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



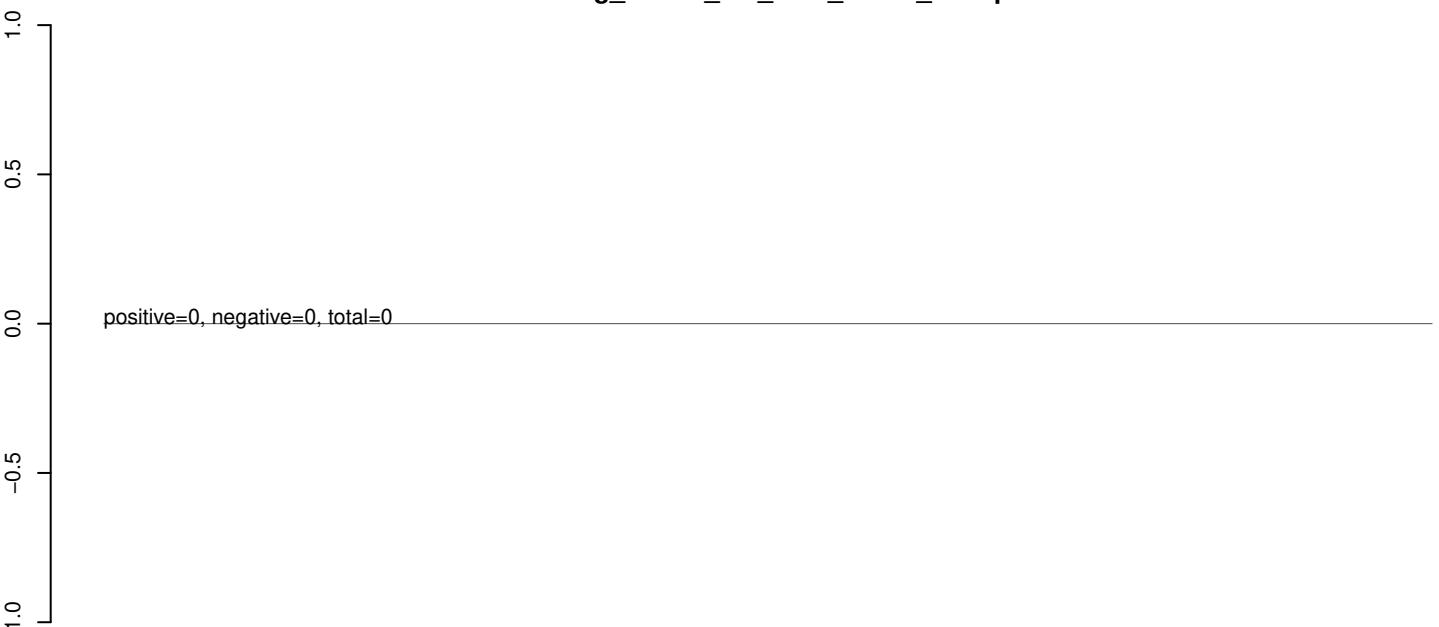
**AeAeg\_Whole\_sm\_r123\_JM.rep**



**AeAeg\_Whole\_sm\_r123\_JM.18\_23.rep**



**AeAeg\_Whole\_sm\_r123\_JM.24\_35.rep**



**AeAeg\_Whole\_sm\_r123\_JM.rep**

