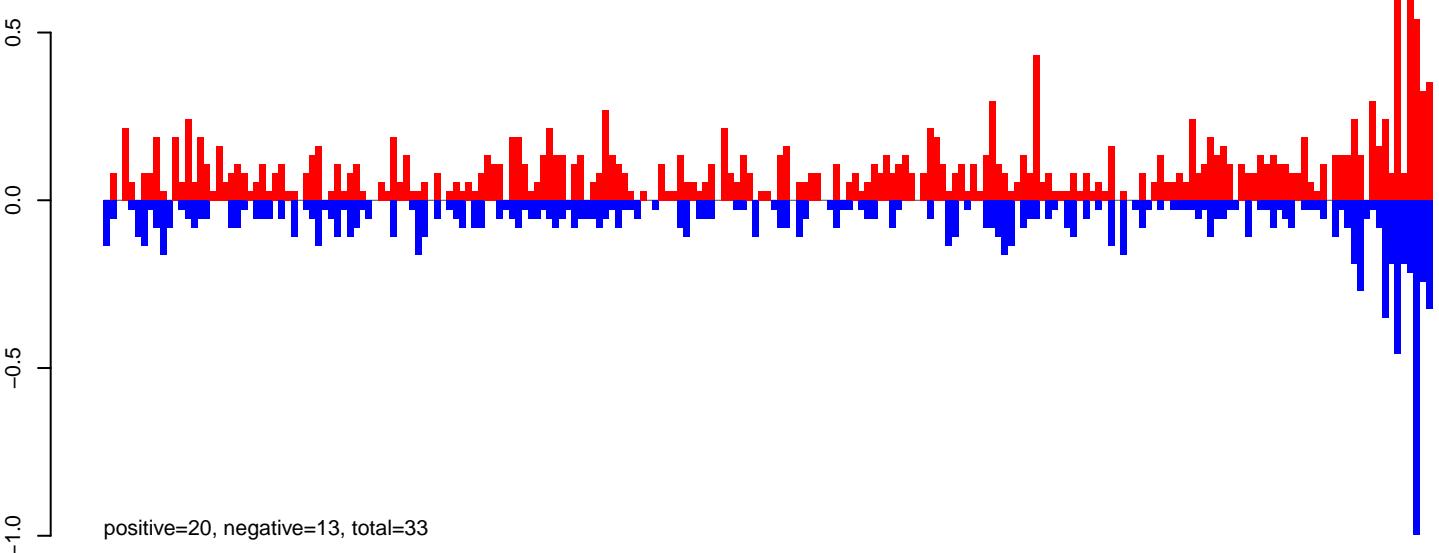
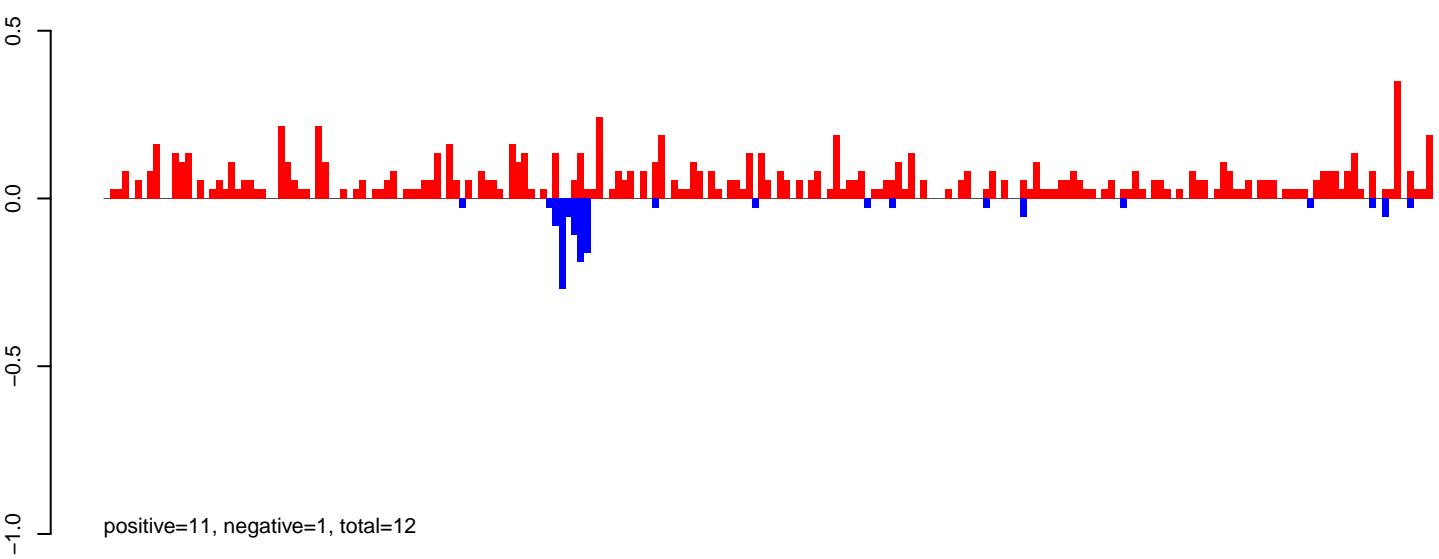


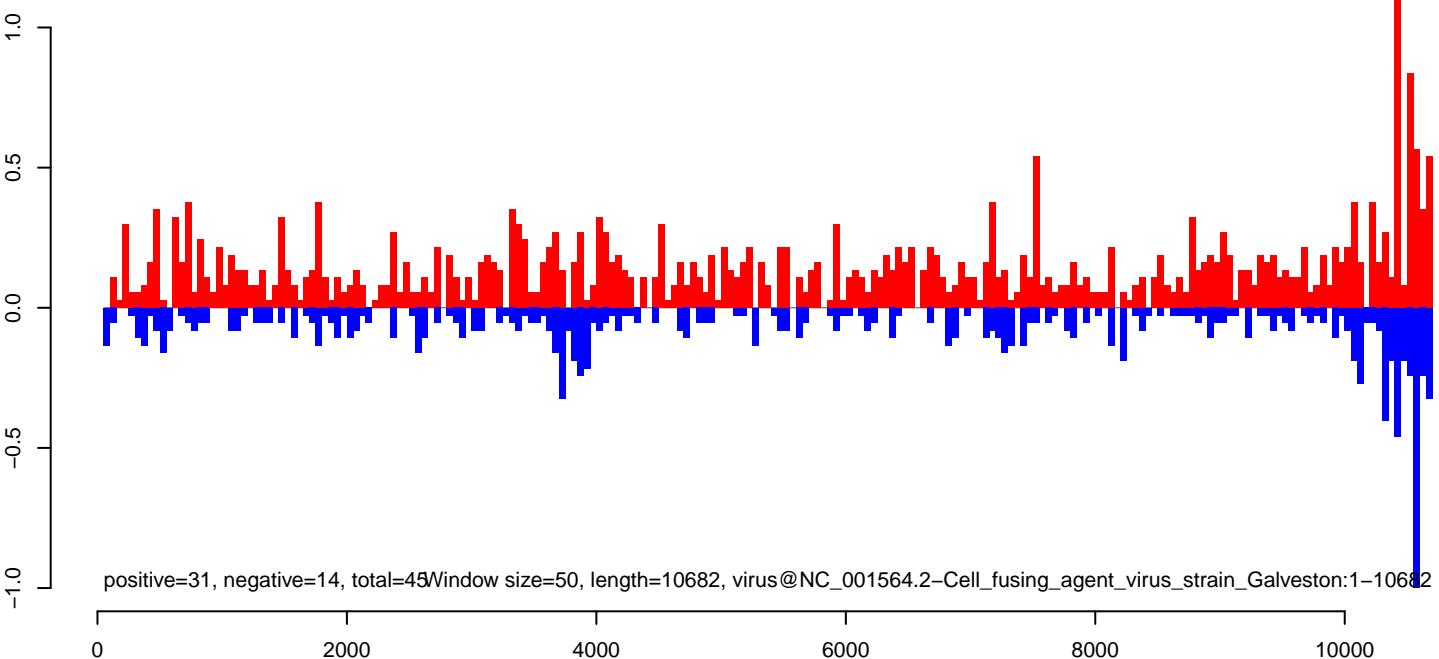
### AeAeg\_Ovary\_GH.18\_23.rep



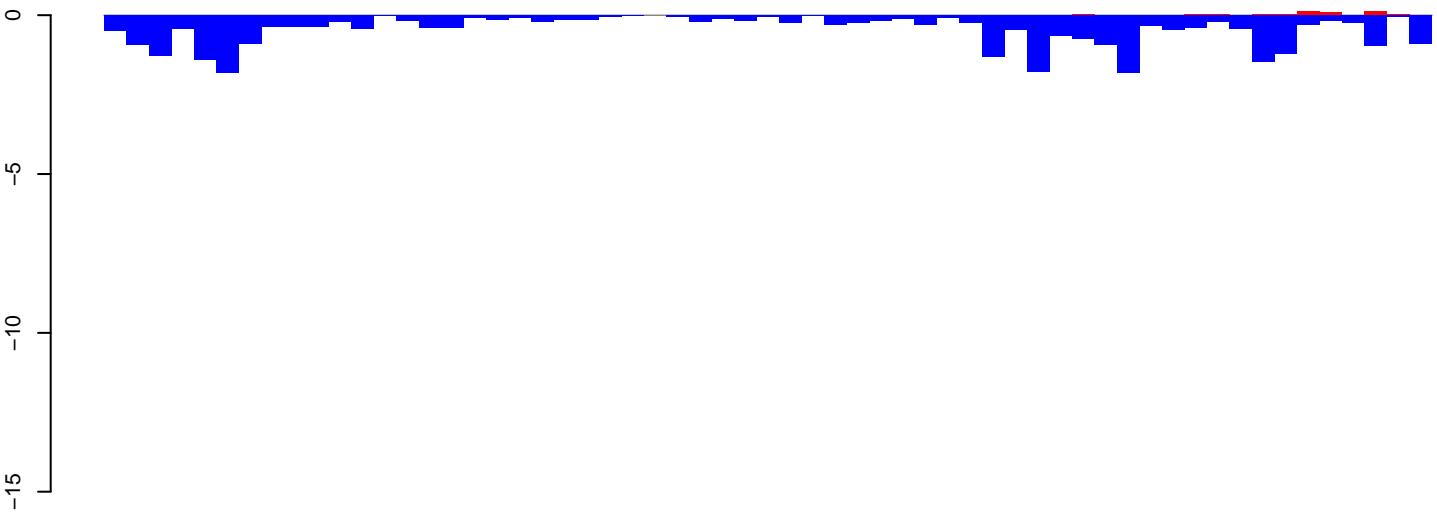
### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep

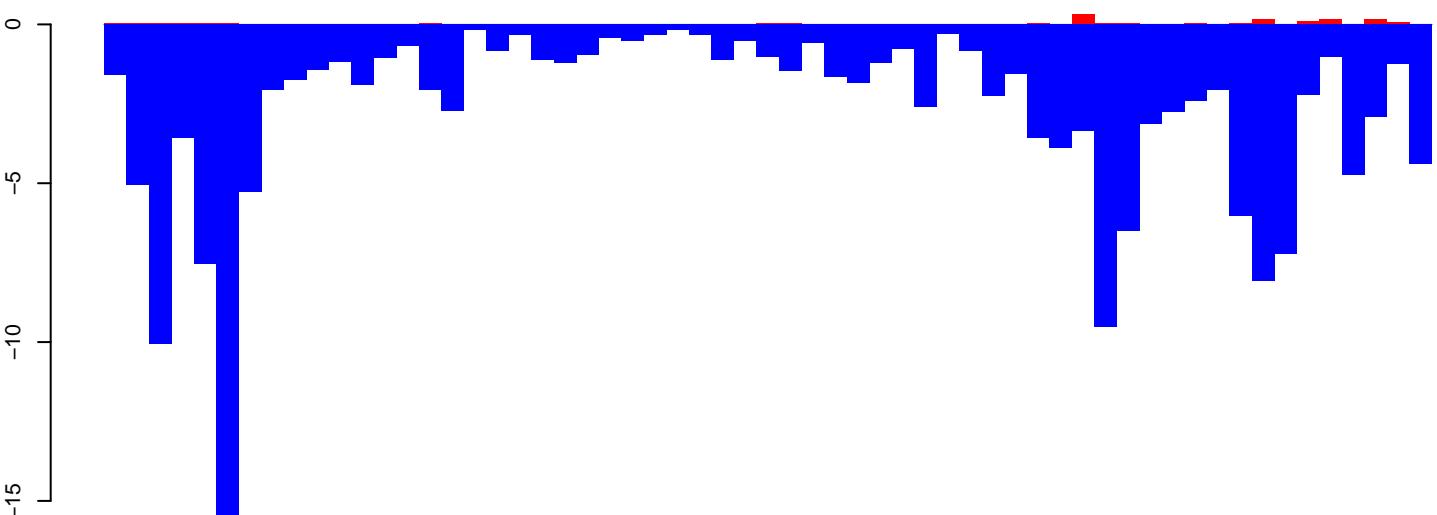


### AeAeg\_Ovary\_GH.18\_23.rep



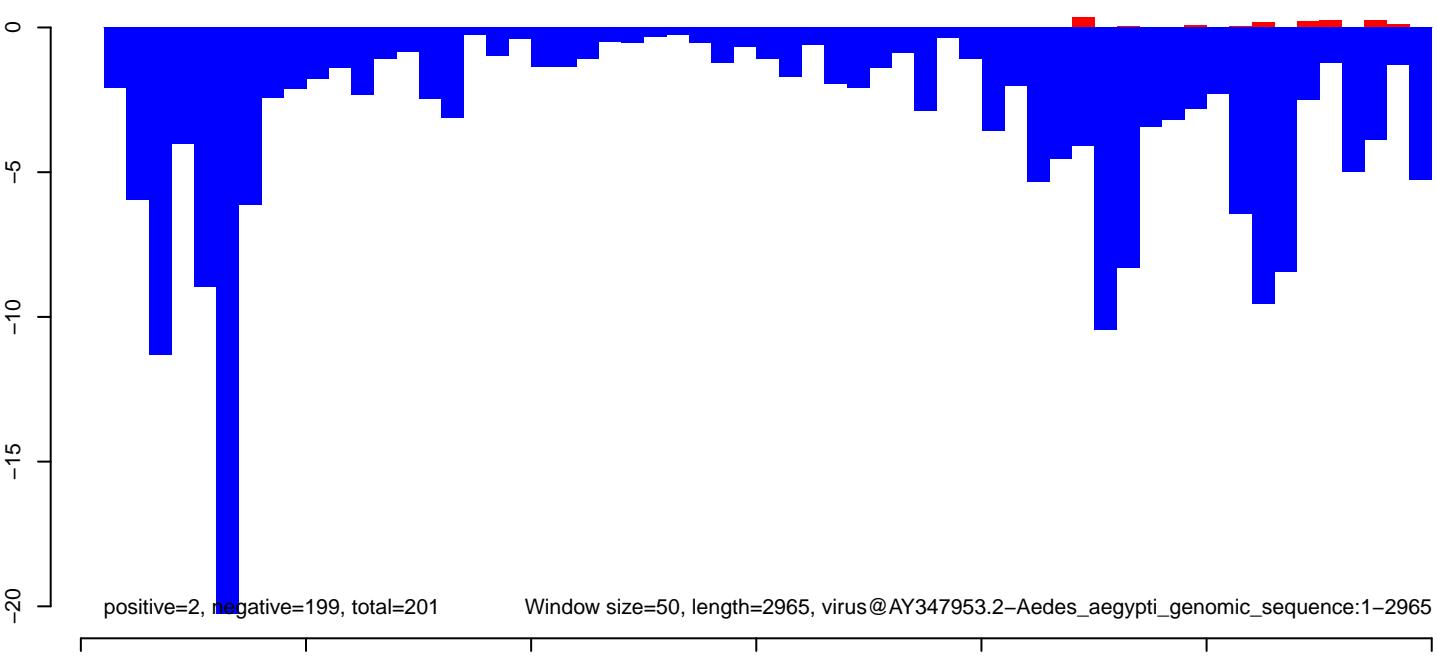
positive=0, negative=29, total=29

### AeAeg\_Ovary\_GH.24\_35.rep



positive=1, negative=170, total=171

### AeAeg\_Ovary\_GH.rep



positive=2, negative=199, total=201

Window size=50, length=2965, virus@AY347953.2-Aedes\_aegypti\_genomic\_sequence:1-2965

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=1



### AeAeg\_Ovary\_GH.rep

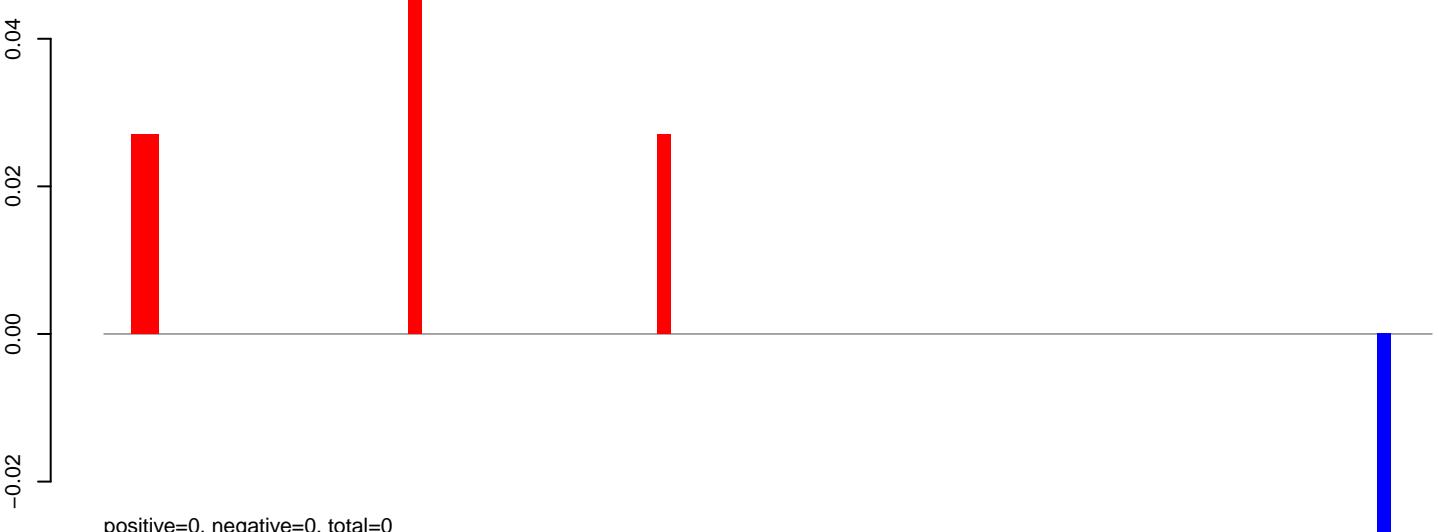
positive=0, negative=1, total=1



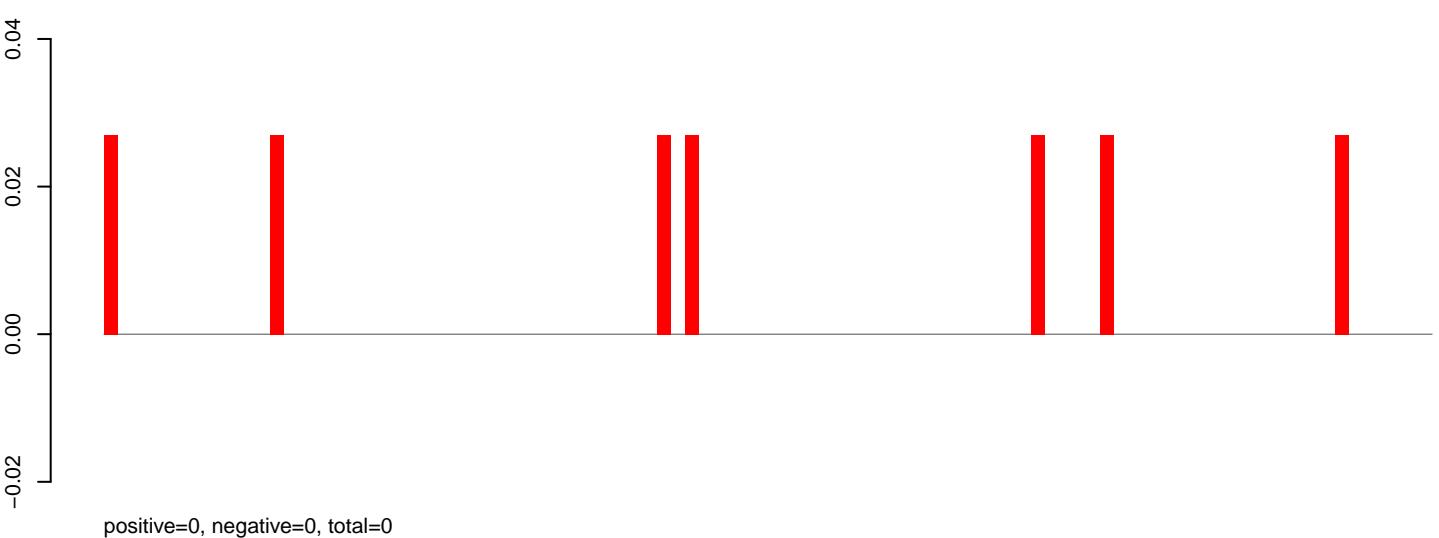
Window size=50, length=12916, virus@MH237595.1-Aedes\_aegypti\_anophevirus\_strain\_1a:1-12916

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 12000

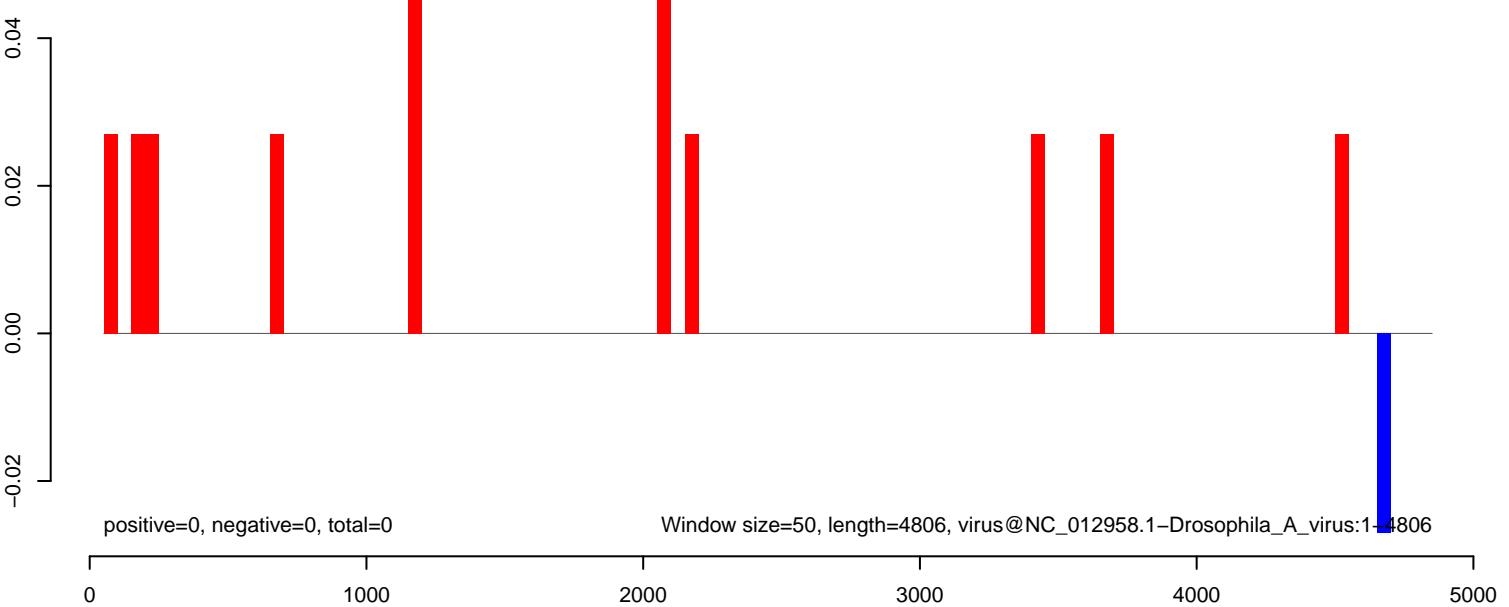
### AeAeg\_Ovary\_GH.18\_23.rep



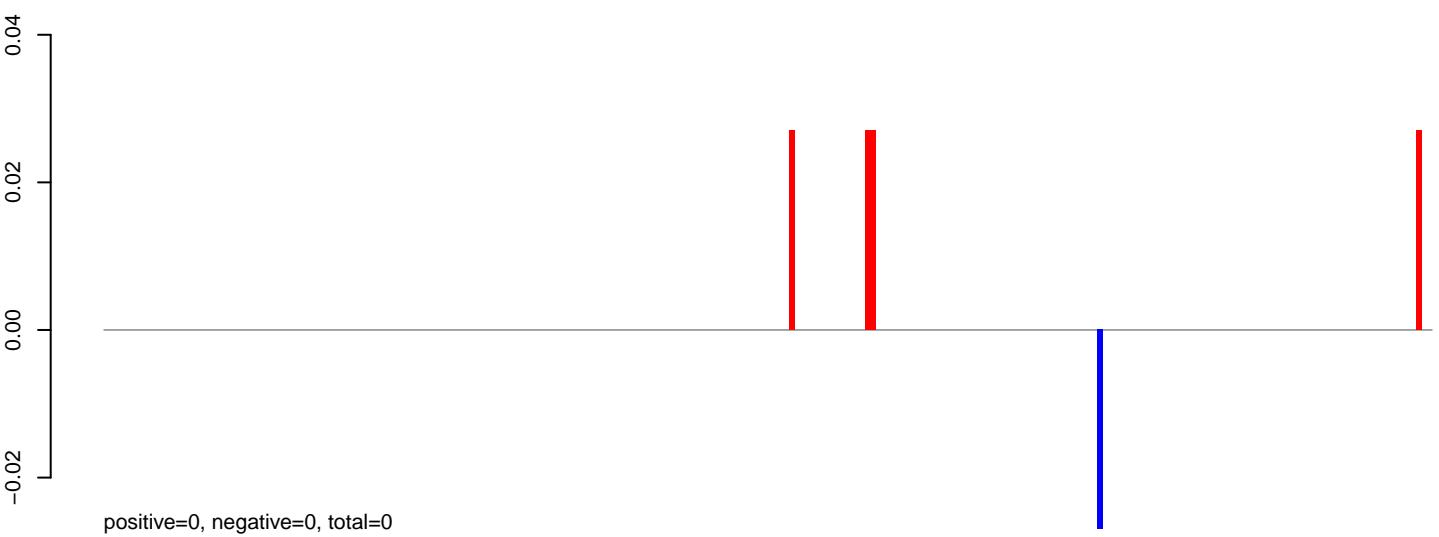
### AeAeg\_Ovary\_GH.24\_35.rep



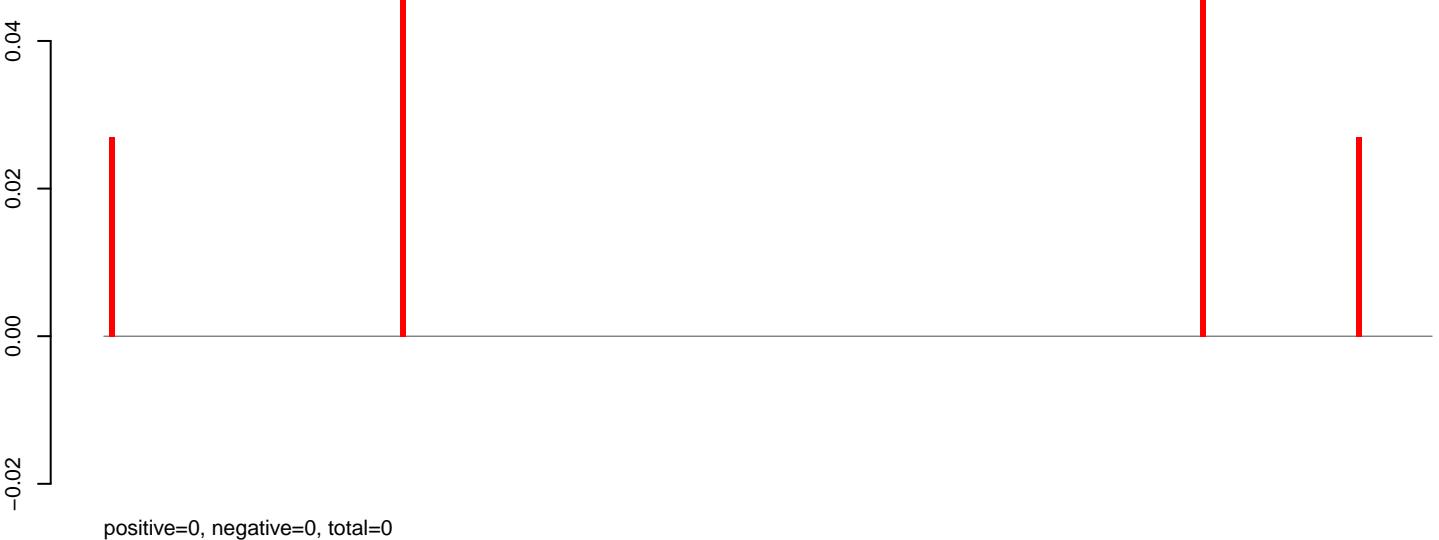
### AeAeg\_Ovary\_GH.rep



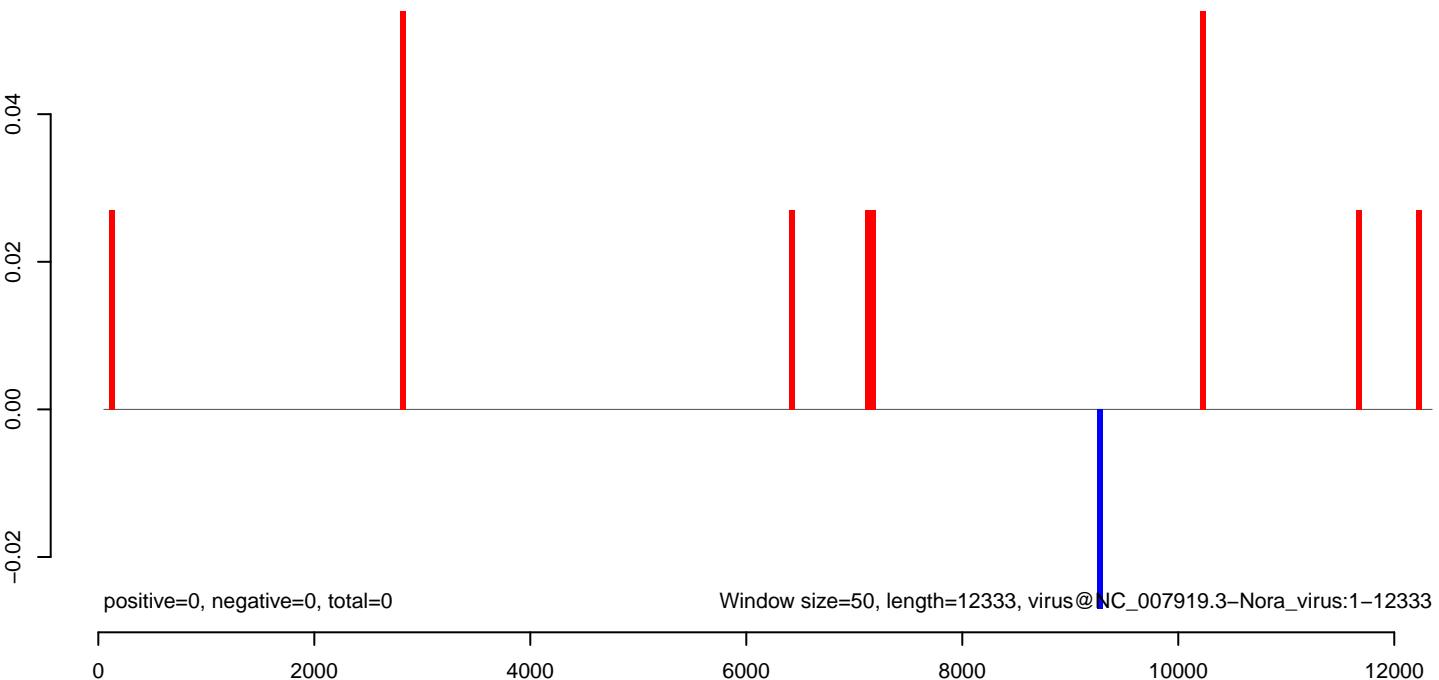
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep

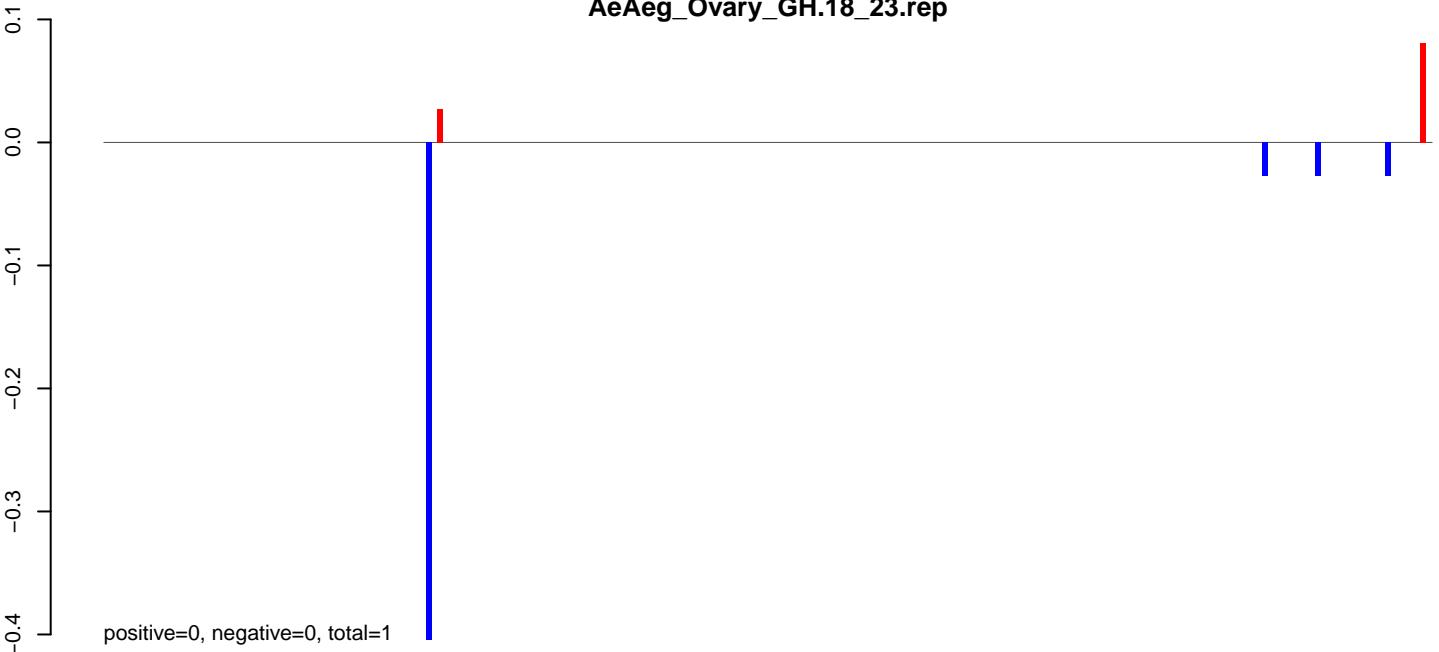


### AeAeg\_Ovary\_GH.rep



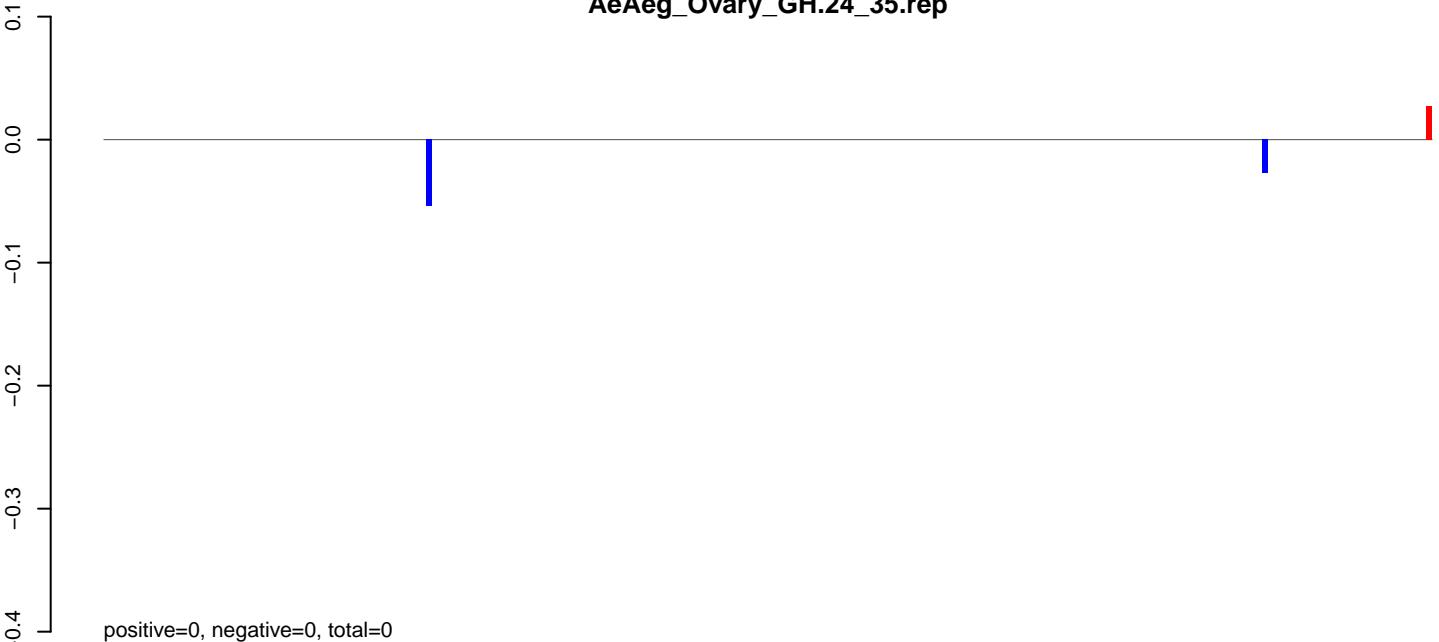
### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=1



### AeAeg\_Ovary\_GH.24\_35.rep

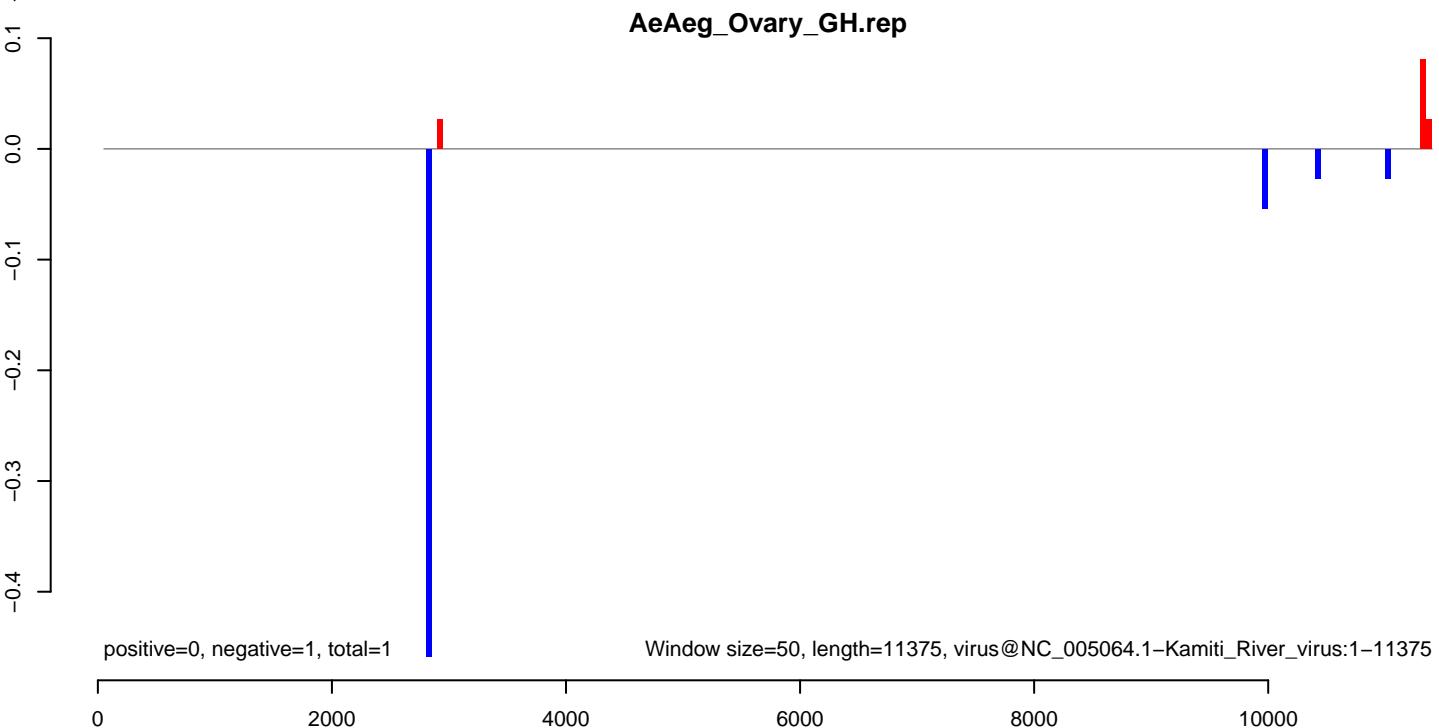
positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=1, total=1

Window size=50, length=11375, virus@NC\_005064.1-Kamiti\_River\_virus:1-11375



### AeAeg\_Ovary\_GH.18\_23.rep

positive=1, negative=0, total=1



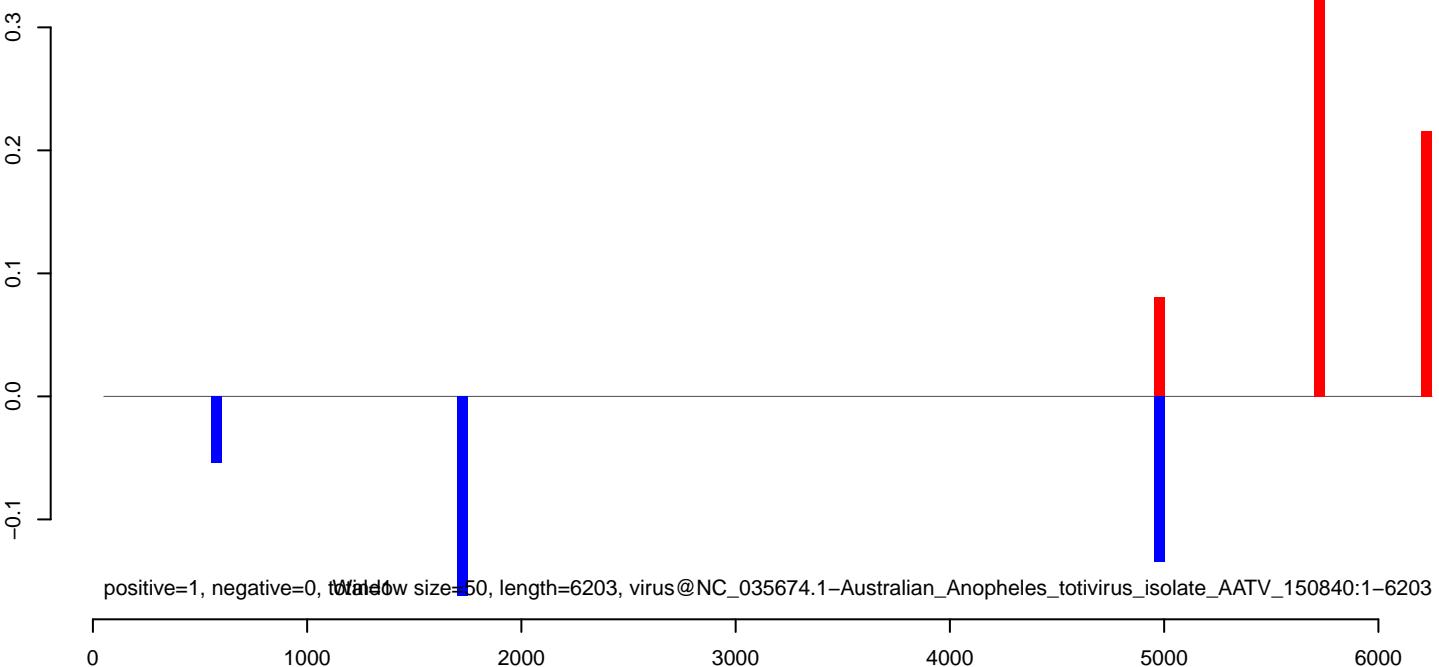
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=1, negative=0, total=1, window size=50, length=6203, virus@NC\_035674.1–Australian\_Anopheles\_totivirus\_isolate\_AATV\_150840:1–6203



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

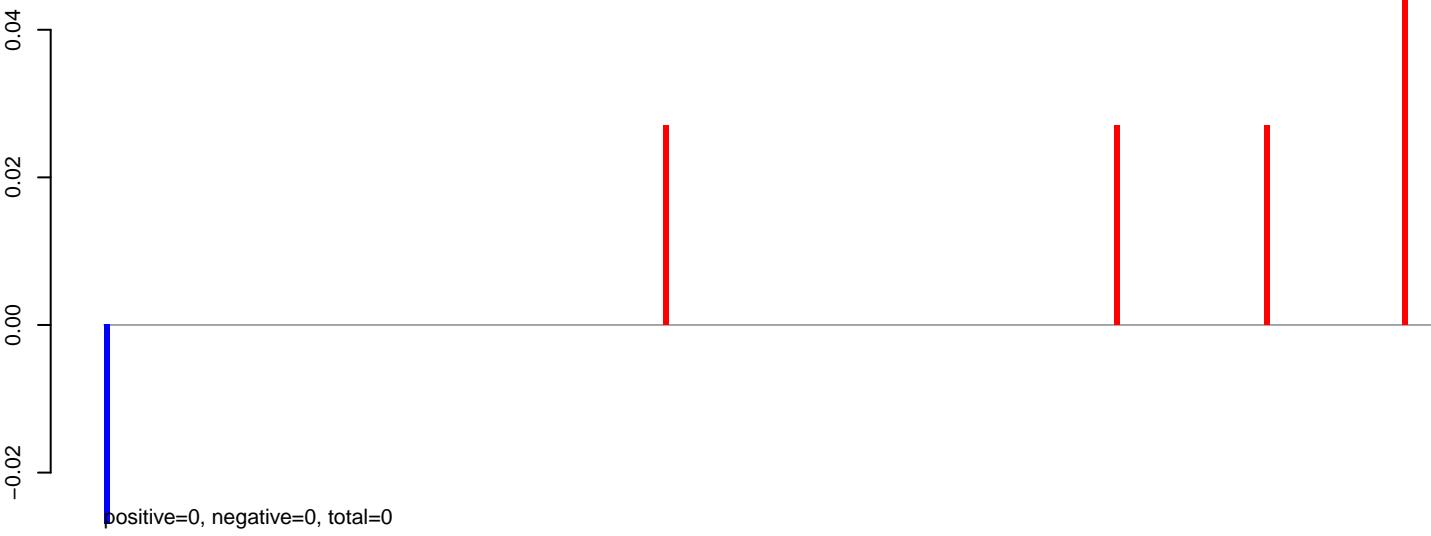
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0 length=5982, virus@MF176317.1-Culex\_mosonega-like\_virus\_1\_strain\_mos191X45127\_segment\_2:1-5982

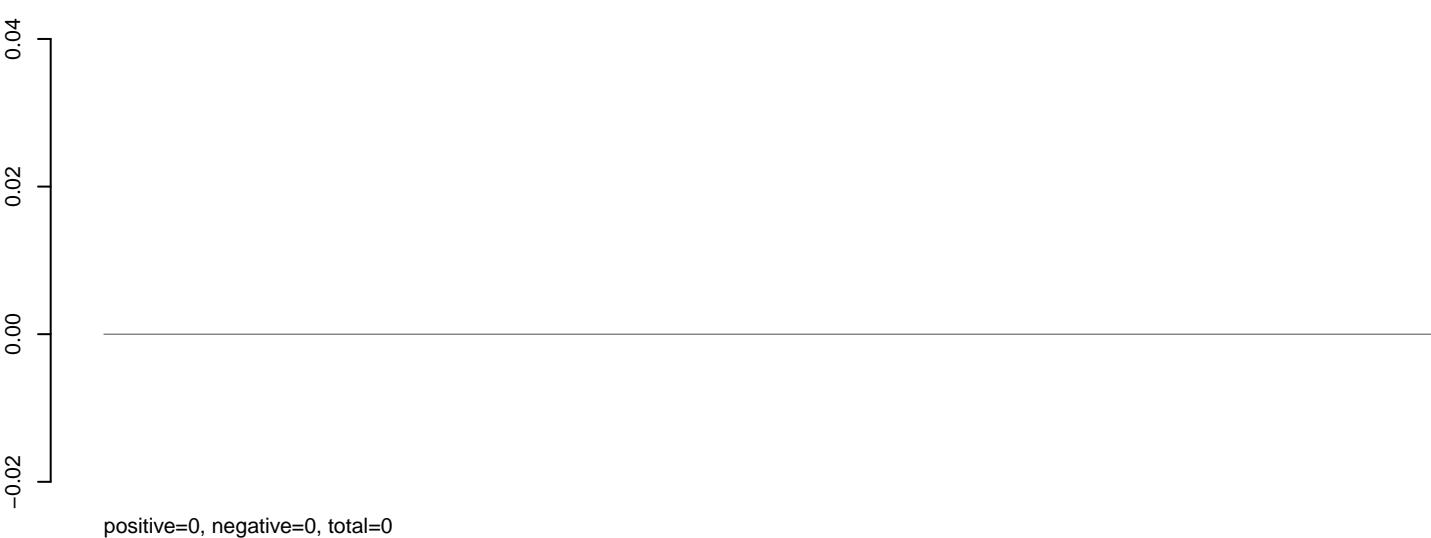
### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



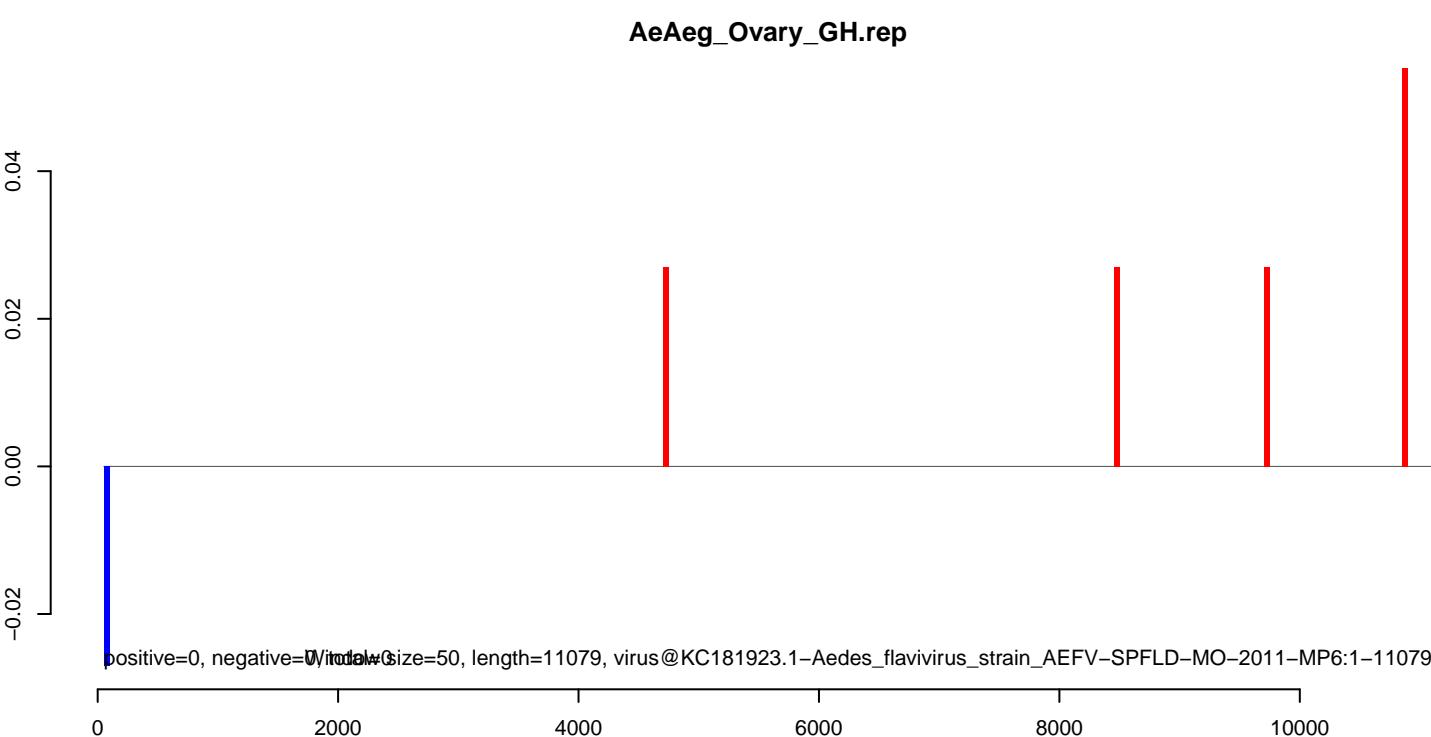
### AeAeg\_Ovary\_GH.24\_35.rep

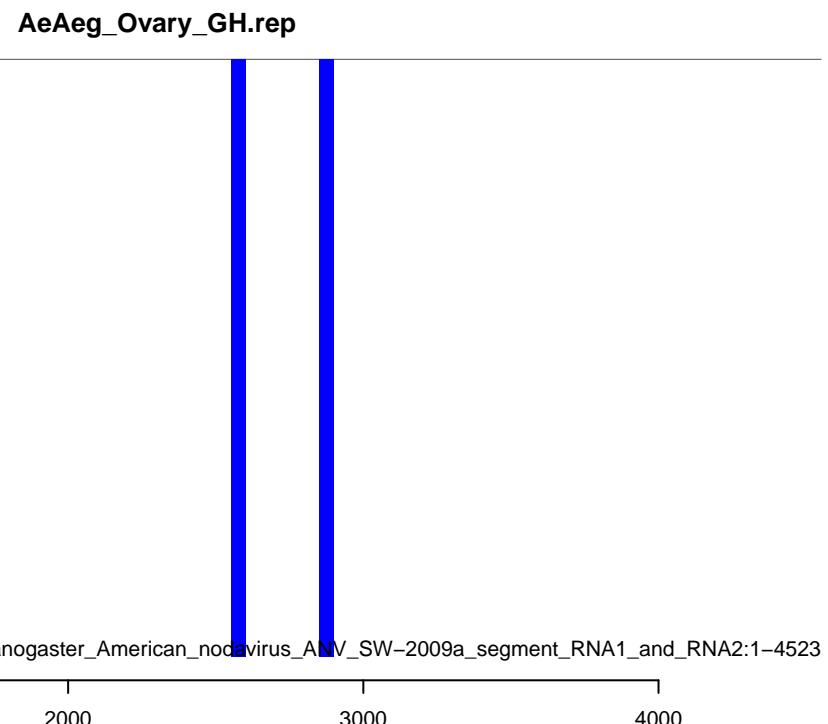
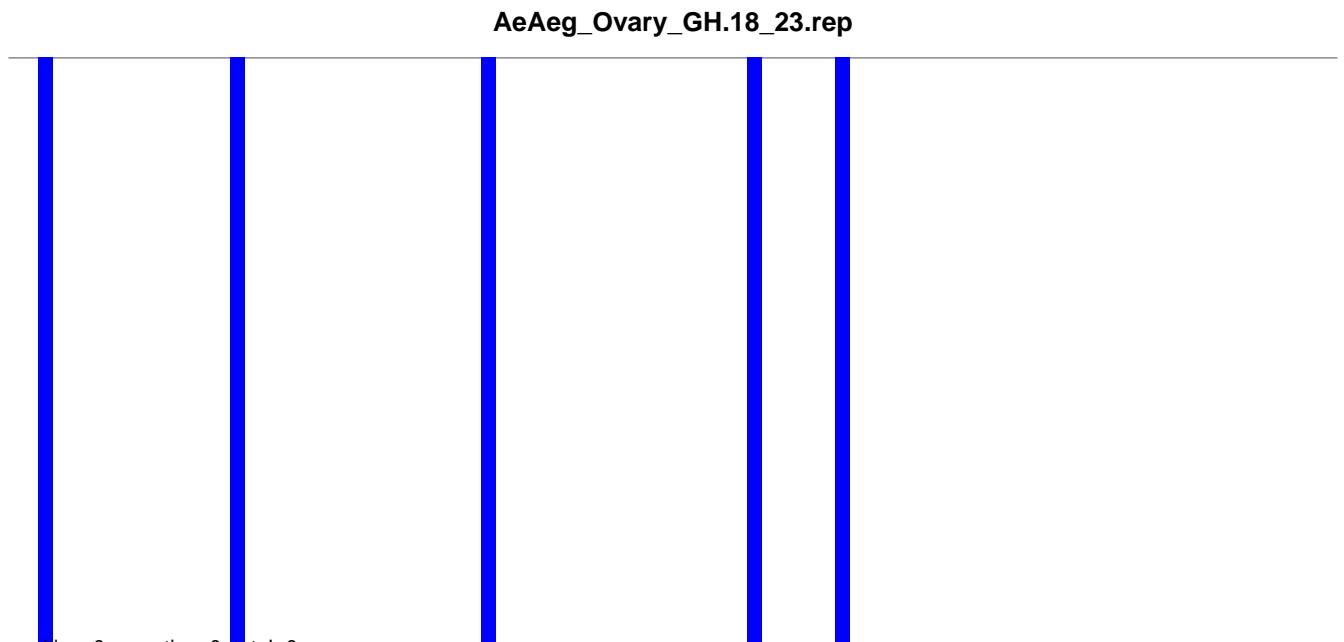
positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, WindowSize=50, length=11079, virus@KC181923.1-Aedes\_flavivirus\_strain\_AEFV-SPFLD-MO-2011-MP6:1-11079





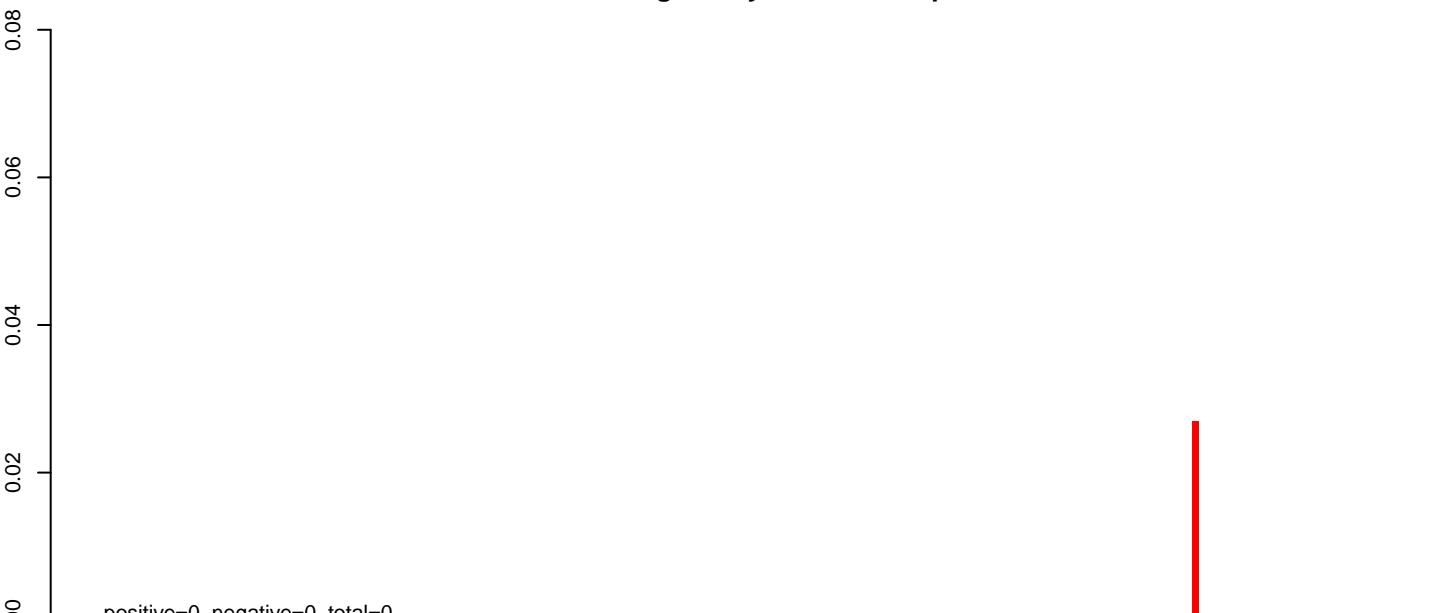
### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

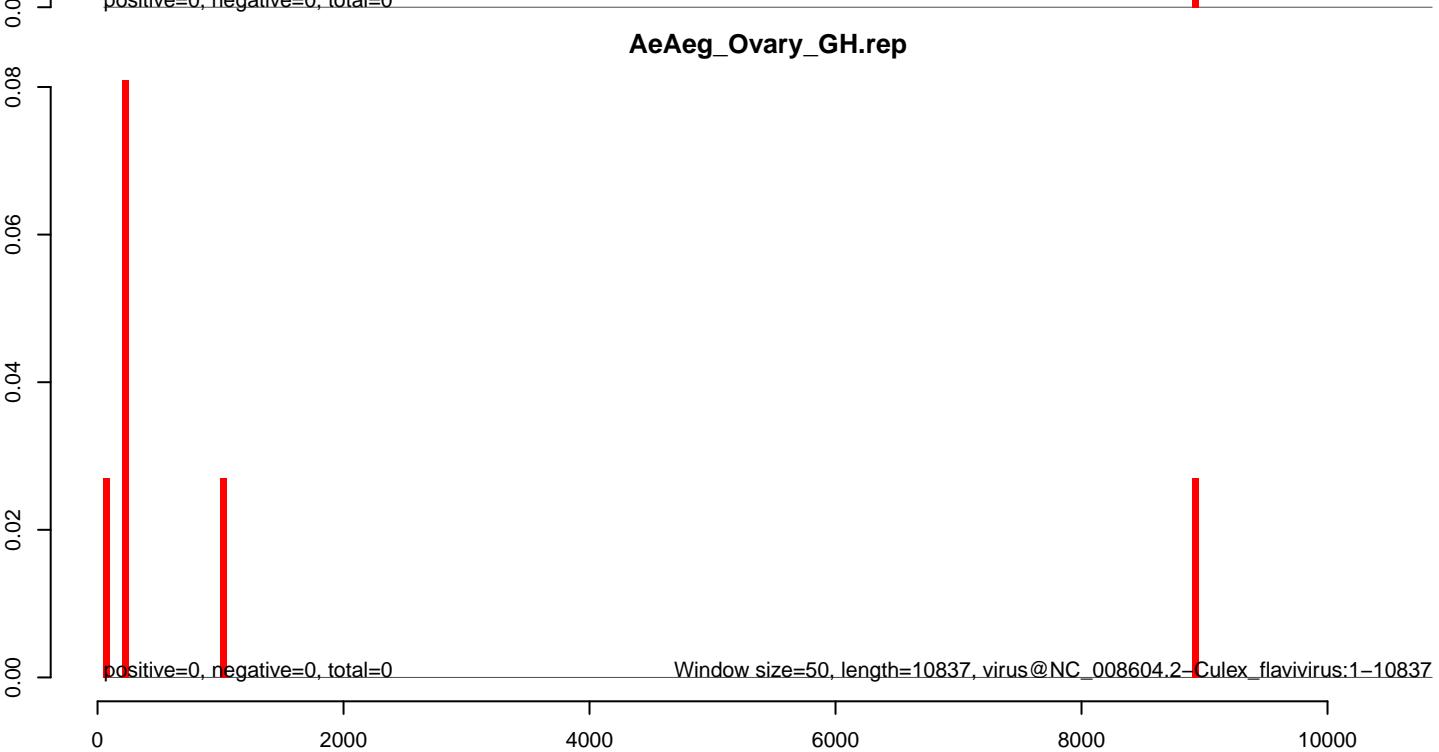
positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10837, virus@NC\_008604.2-Culex\_flavivirus:1-10837



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

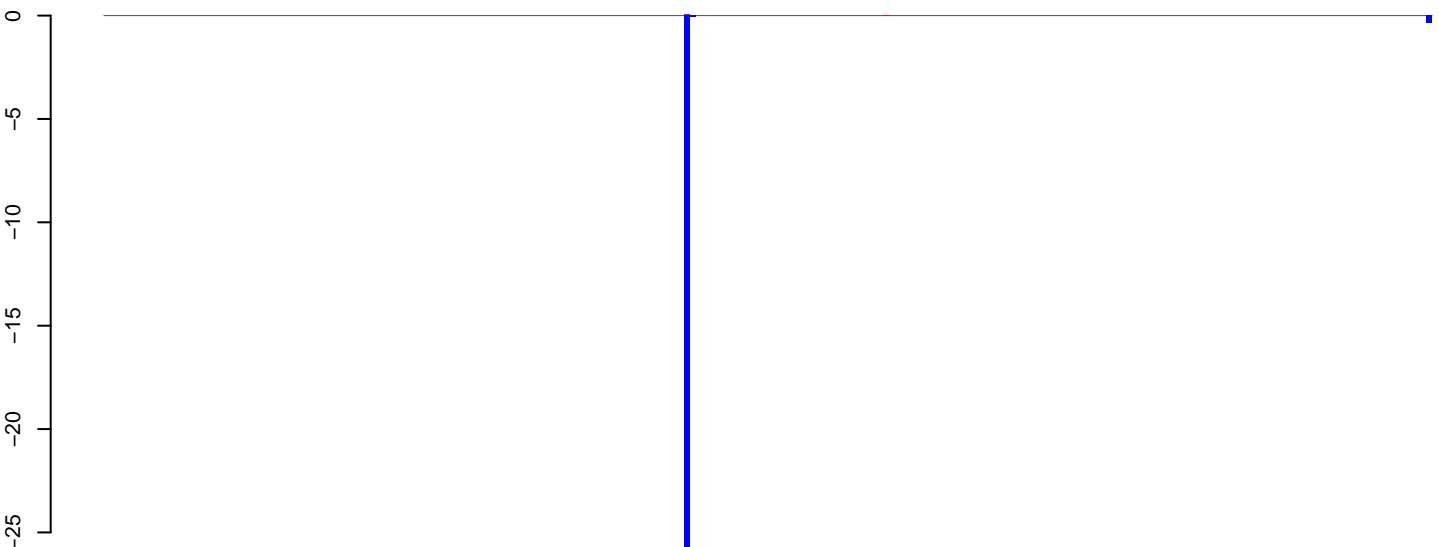
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

50, length@12580 negative@K0201990.1-Muir\_Springs\_virus\_nucleoprotein\_phosphoprotein\_matrix\_glycoprotein\_and\_polymerase\_genes:1-12580

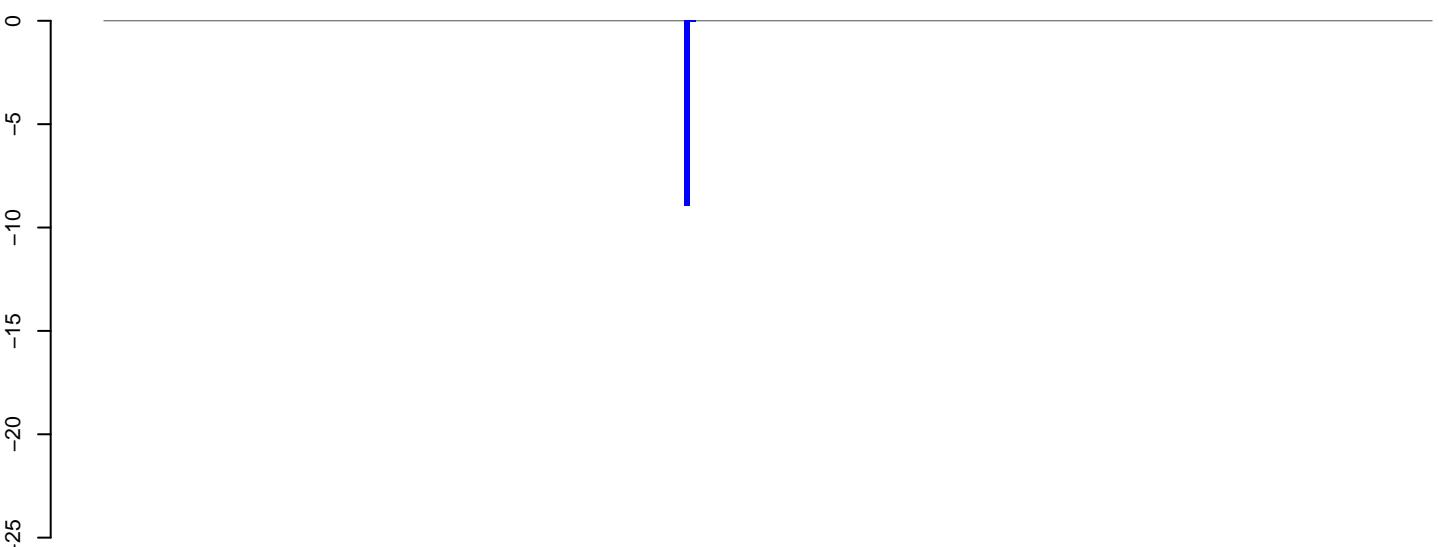
0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep



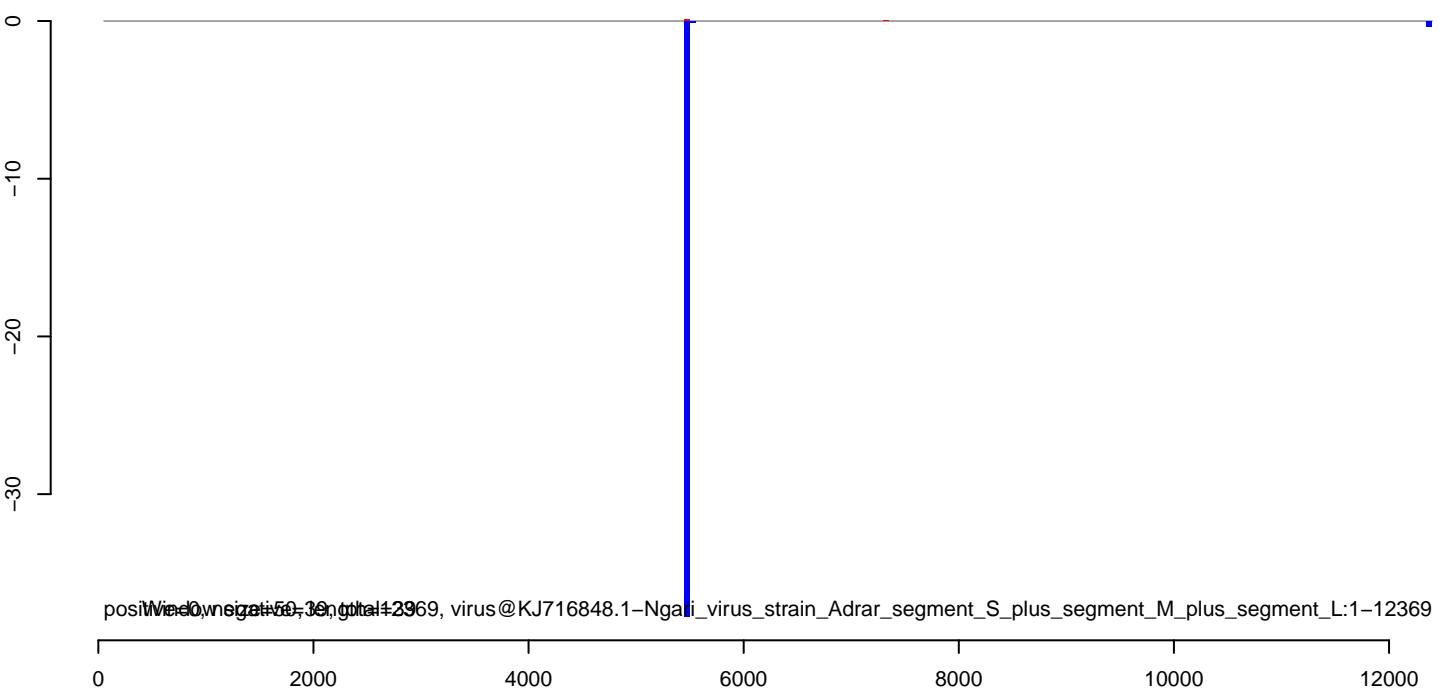
positive=0, negative=30, total=30

### AeAeg\_Ovary\_GH.24\_35.rep



positive=0, negative=9, total=9

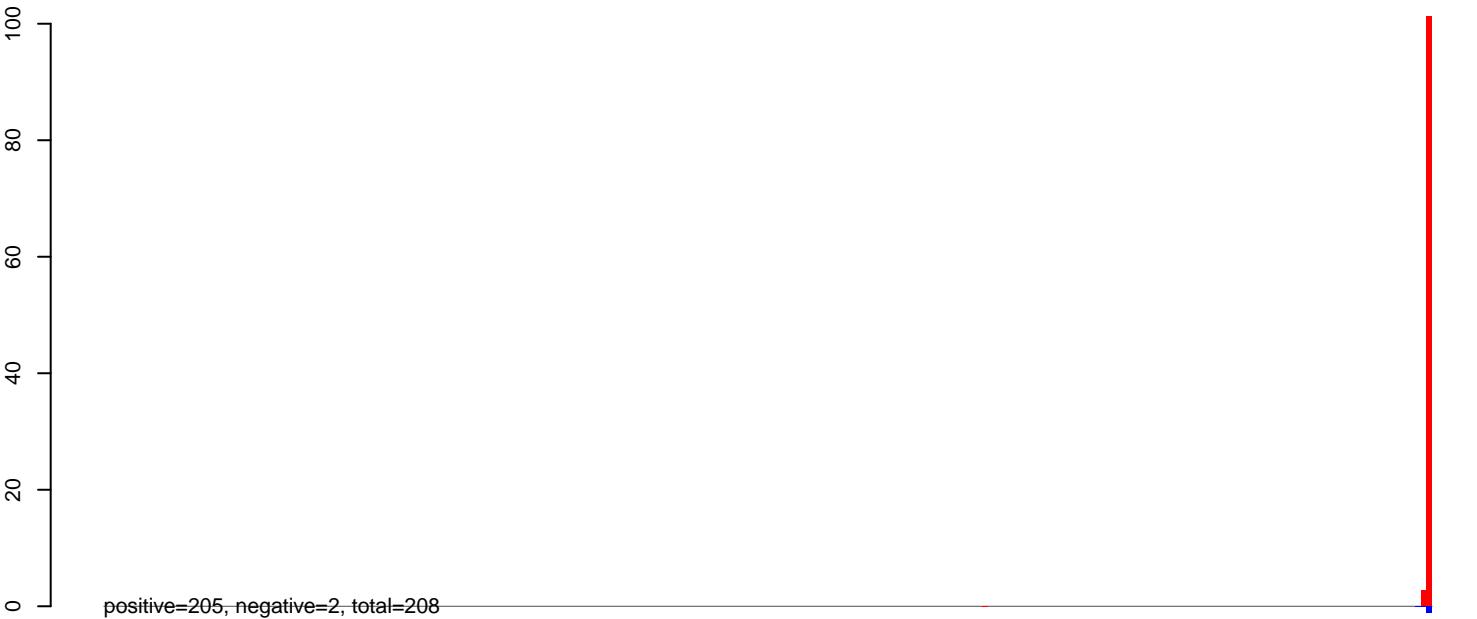
### AeAeg\_Ovary\_GH.rep



positive=0, negative=19, total=12969, virus@KJ716848.1-Ngari\_virus\_strain\_Adarar\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12369

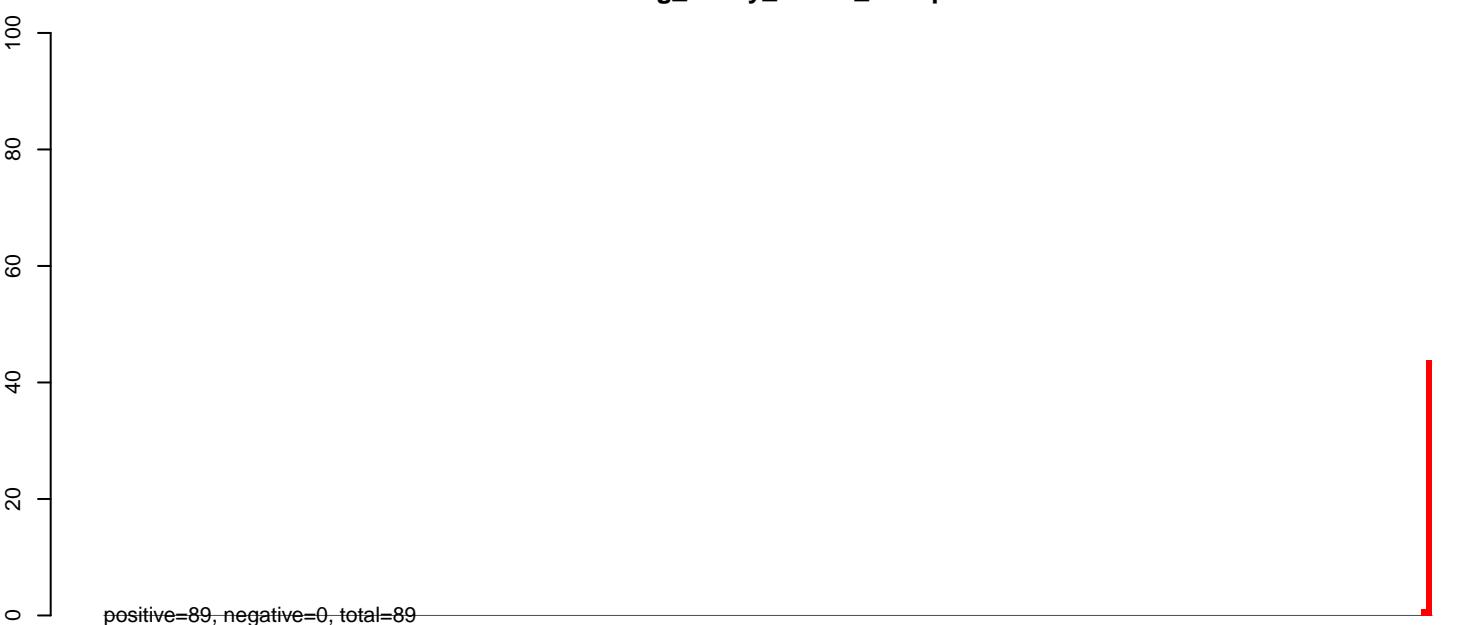
### AeAeg\_Ovary\_GH.18\_23.rep

positive=205, negative=2, total=208



### AeAeg\_Ovary\_GH.24\_35.rep

positive=89, negative=0, total=89



### AeAeg\_Ovary\_GH.rep

size=591941 positive=294106 negatives=22 total=42992.1 Una\_virus\_non\_structural\_polyprotein\_gene\_partial\_cds\_and\_structural\_polyprotein\_gene:1-11964

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10837, virus@AB701776.1-Culex\_flavivirus\_RNA\_strain\_Toyama2627:1-10837

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0 Window size=50, length=10837, virus@AB262759.2-Culex\_flavivirus\_genomic\_RNA\_strain\_Tokyo:1-10837

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

virus@NIV030451gattkakalakis\_nucleoprotein\_phosphoprotein\_matrix\_hypothetical\_protein\_glycoprotein\_and\_polymerase\_genes:1-10863



### AeAeg\_Ovary\_GH.18\_23.rep

positive=1, negative=0, total=1

### AeAeg\_Ovary\_GH.24\_35.rep

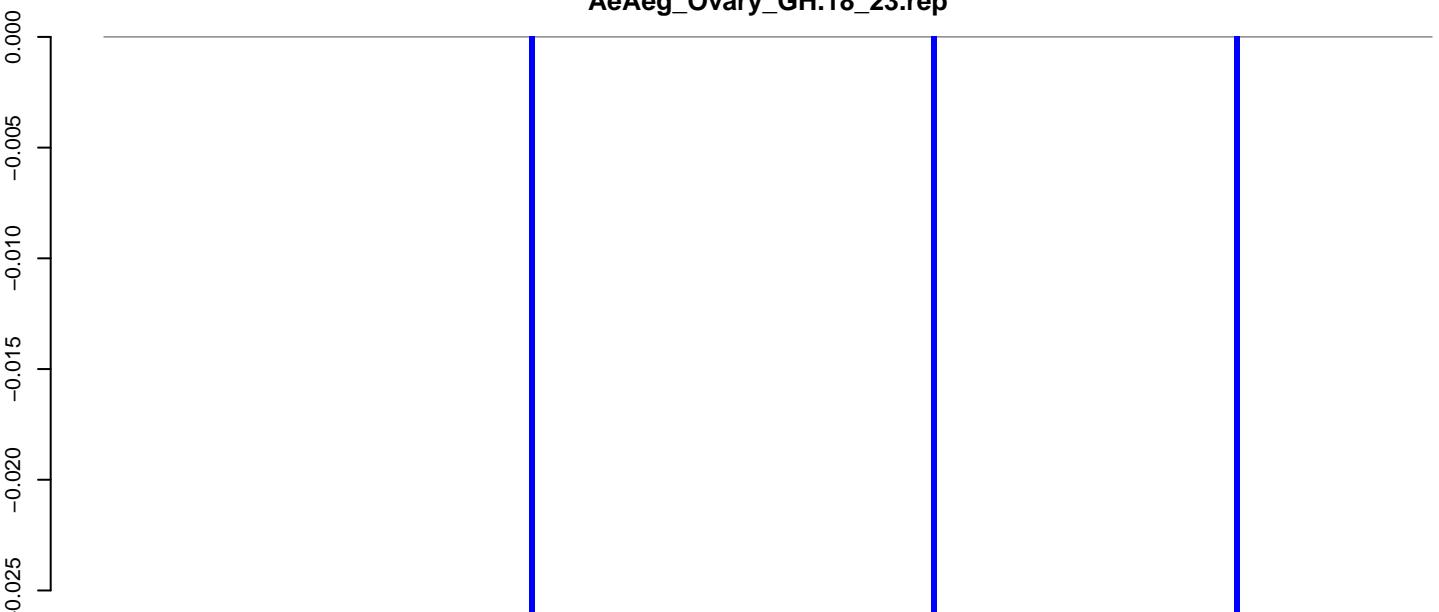
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

part\_Positive\_methylated\_proteins\_top1000 phosphoprotein\_hypothetical\_proteins\_matrix glycoprotein\_hypothetical\_protein\_and\_polymerase\_genes:1-13104

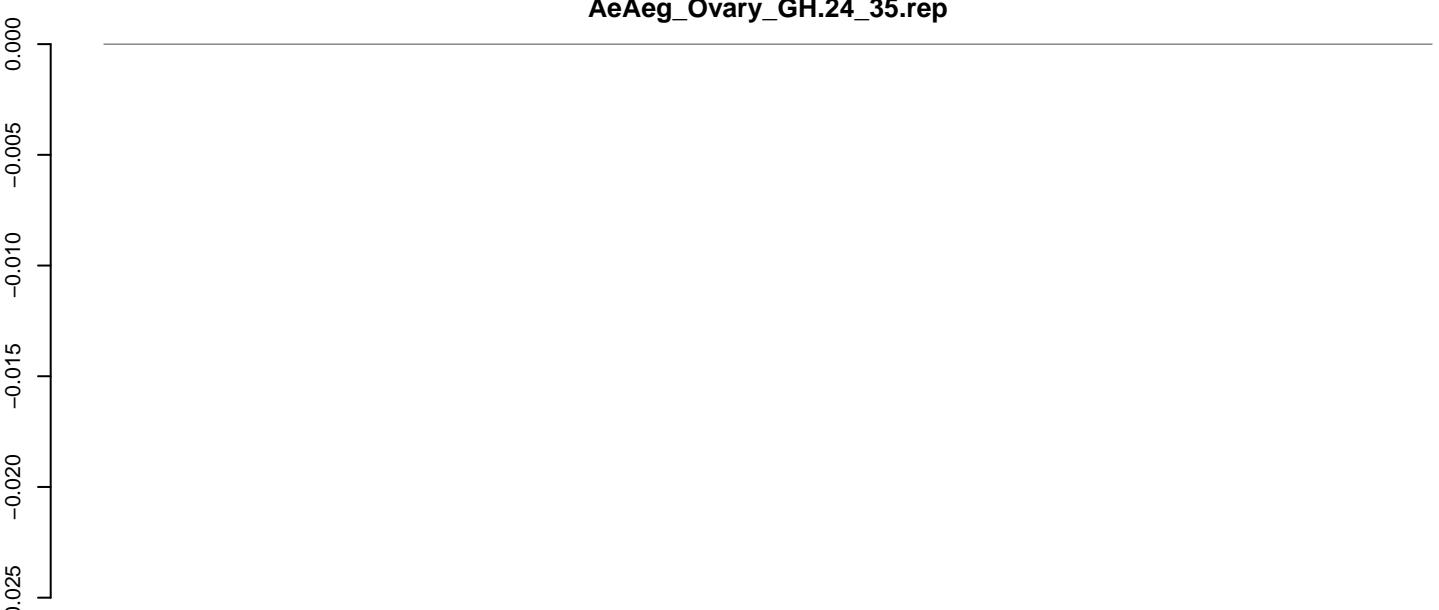
### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



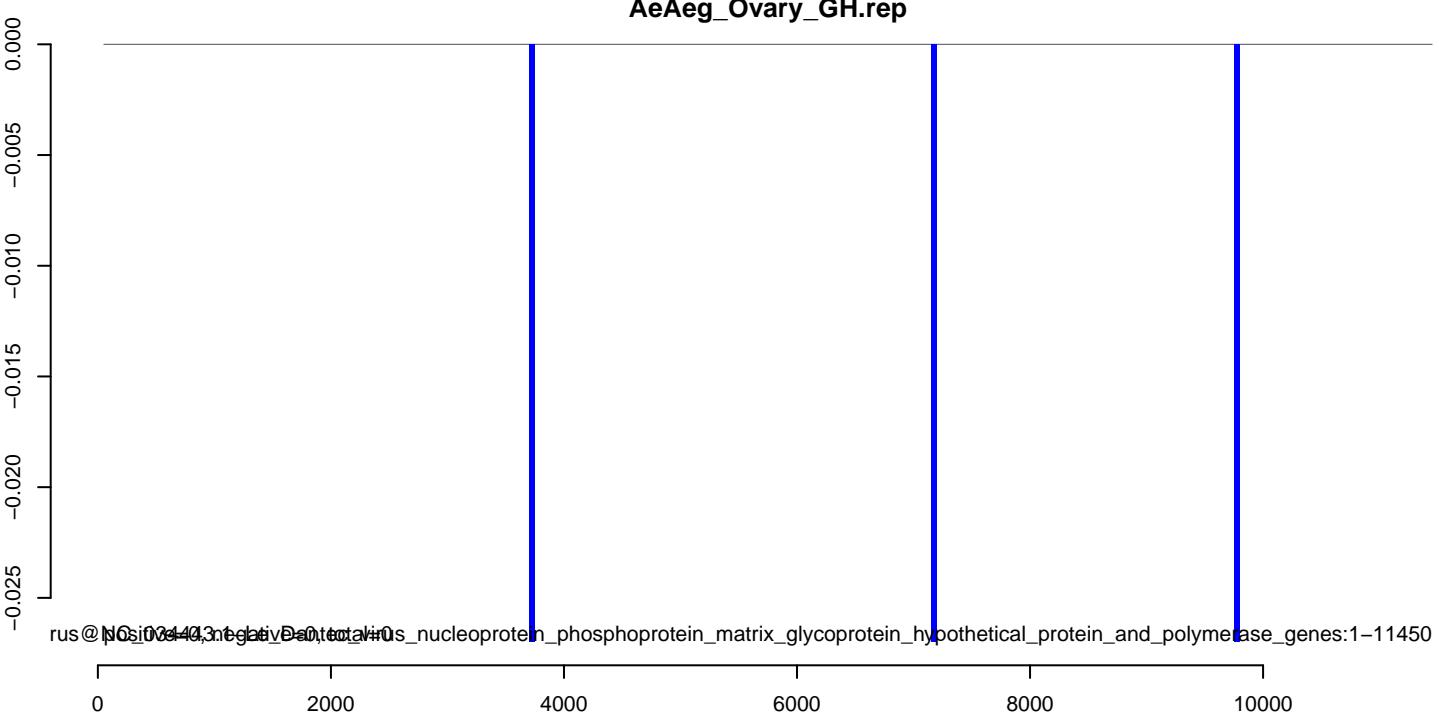
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



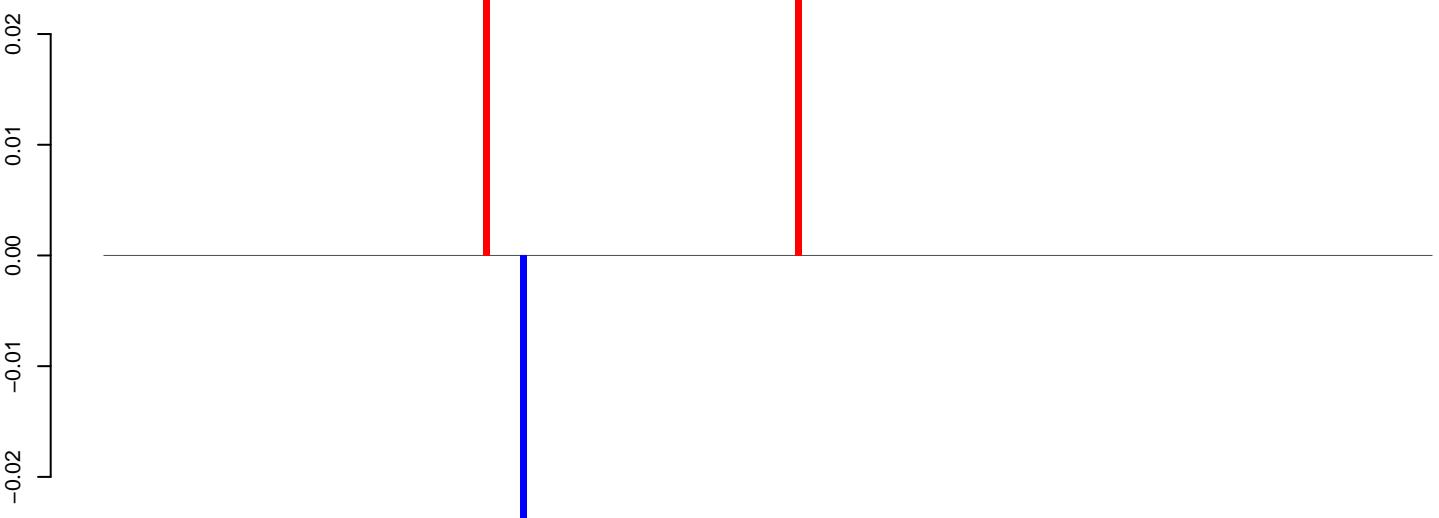
### AeAeg\_Ovary\_GH.rep

rus@nos:0264493:relativeData.txt:total.xls\_nucleoprotein\_phosphoprotein\_matrix\_glycoprotein\_hypothetical\_protein\_and\_polymerase\_genes:1-11450



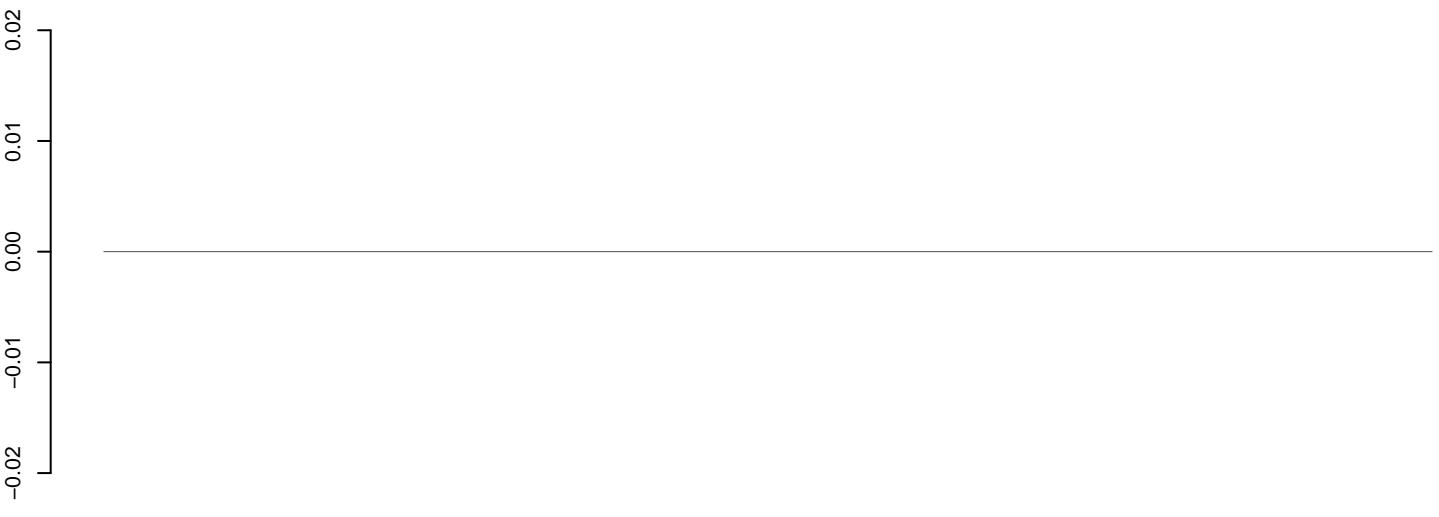
### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



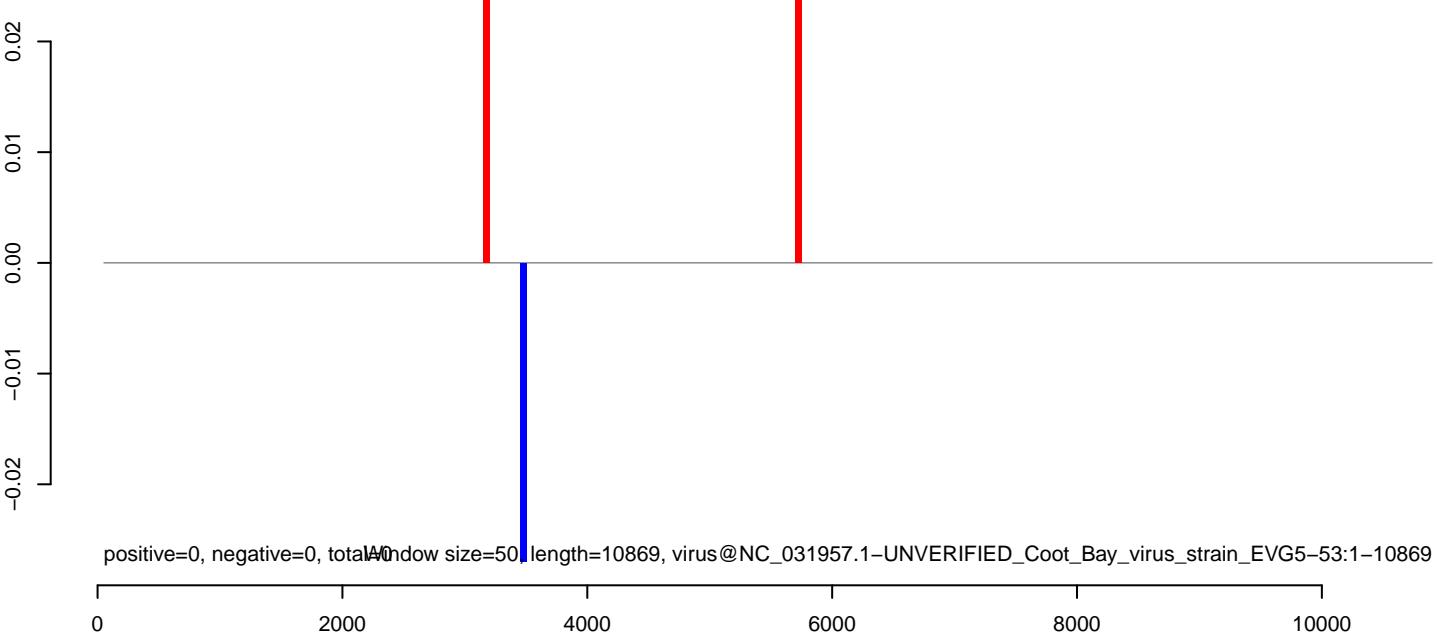
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

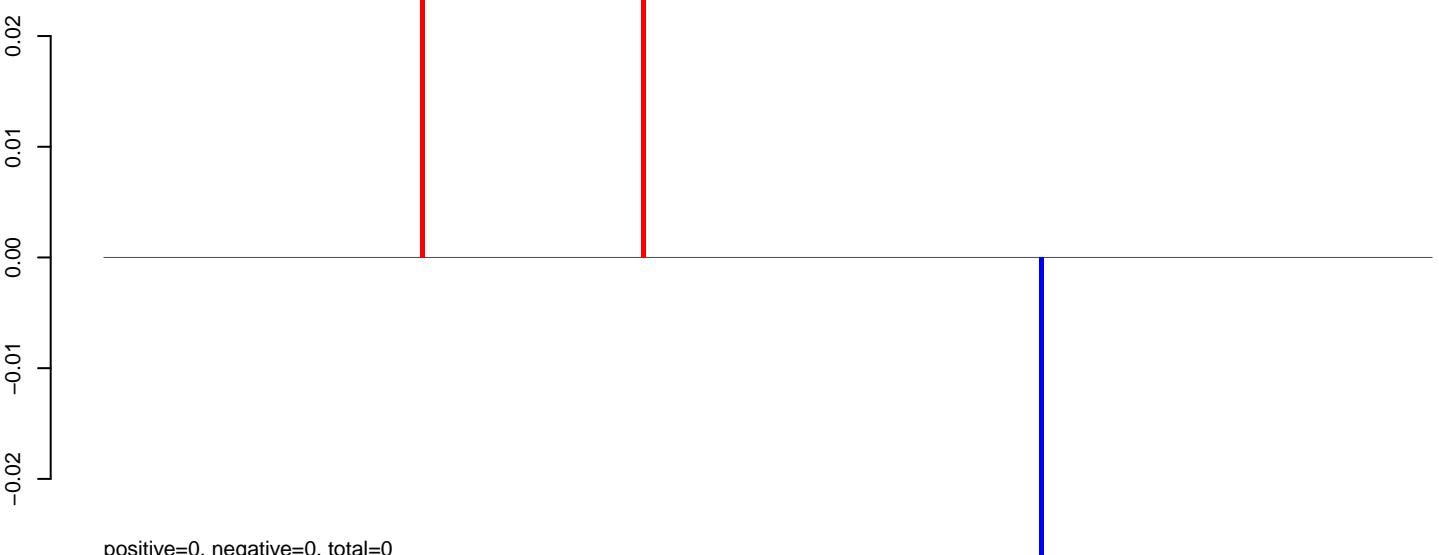


### AeAeg\_Ovary\_GH.rep

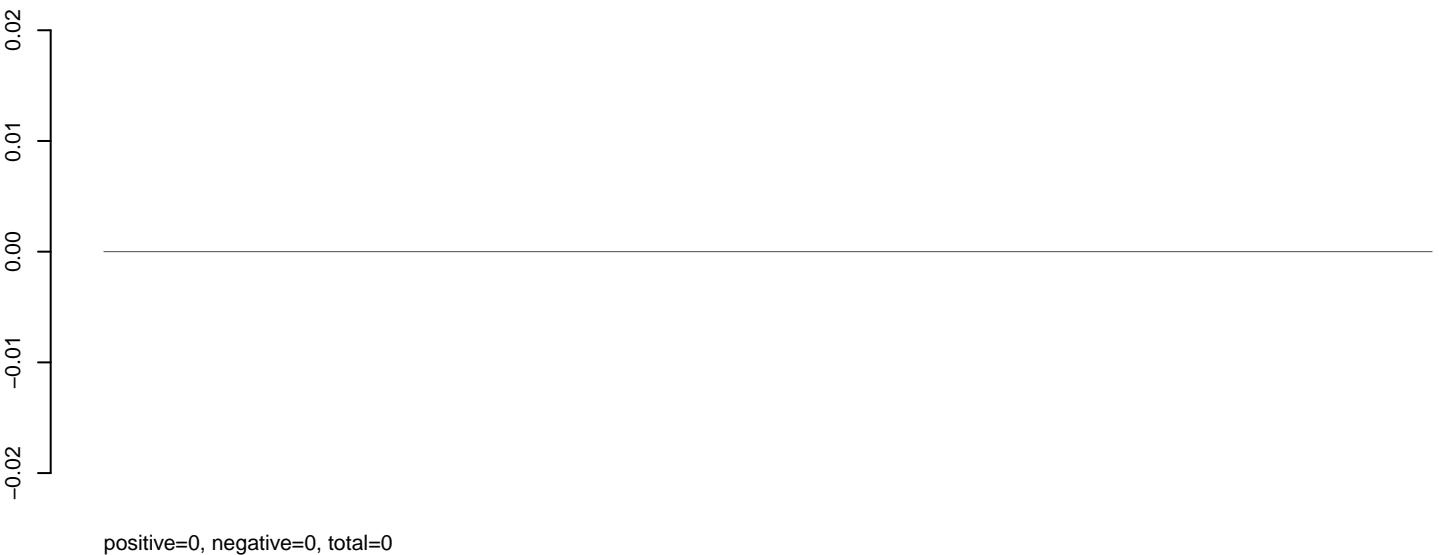
positive=0, negative=0, total=0, window size=50, length=10869, virus@NC\_031957.1-UNVERIFIED\_Coot\_Bay\_virus\_strain\_EVG5-53:1-10869



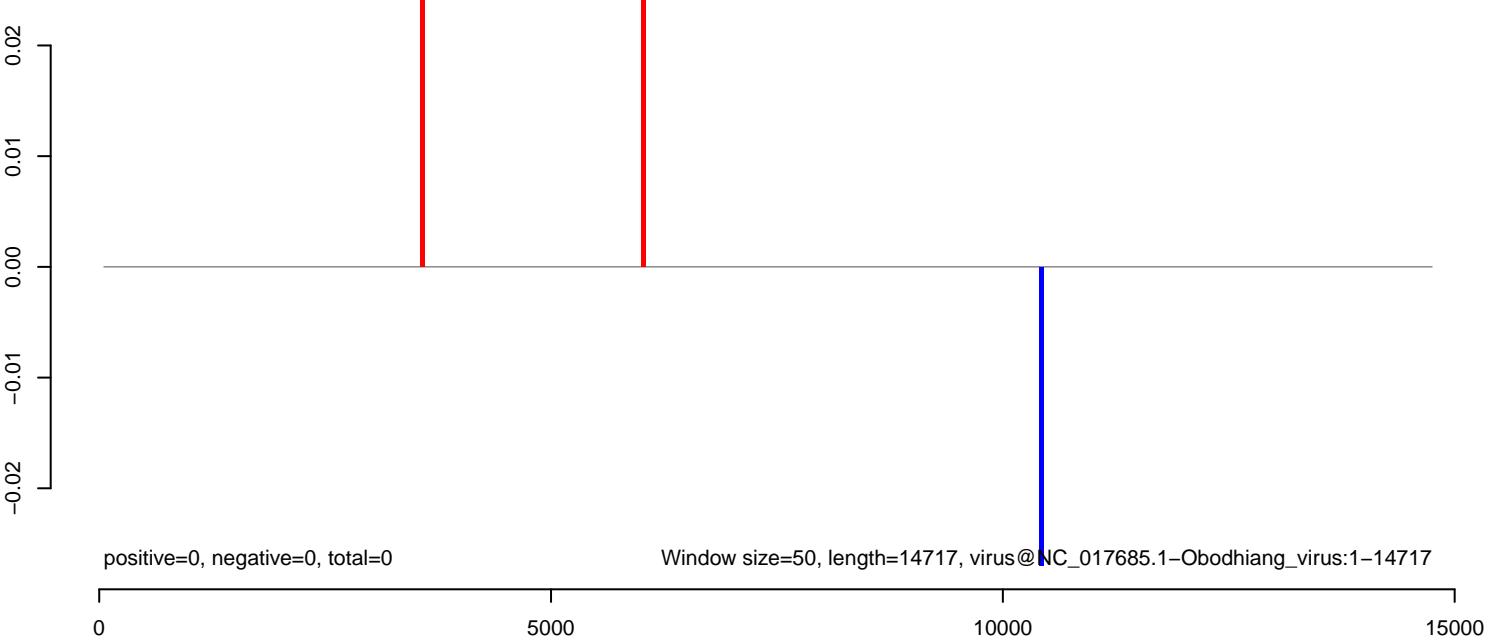
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



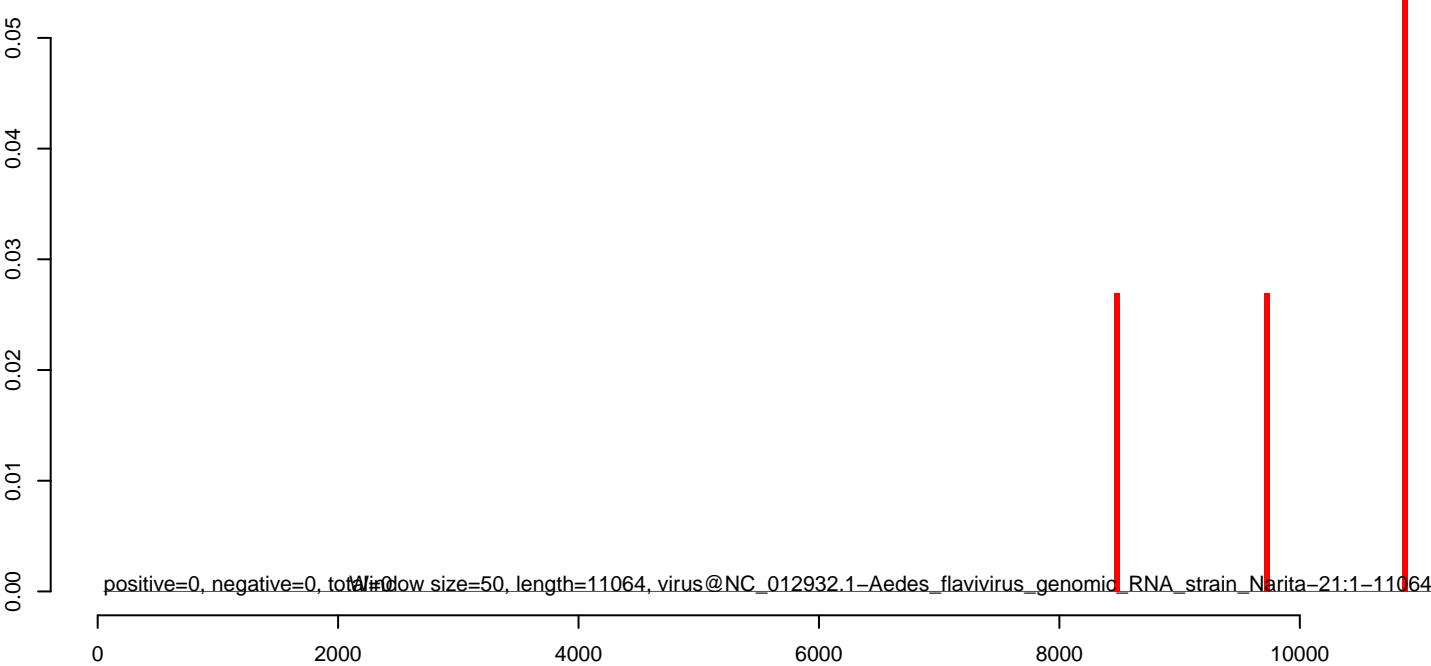
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep

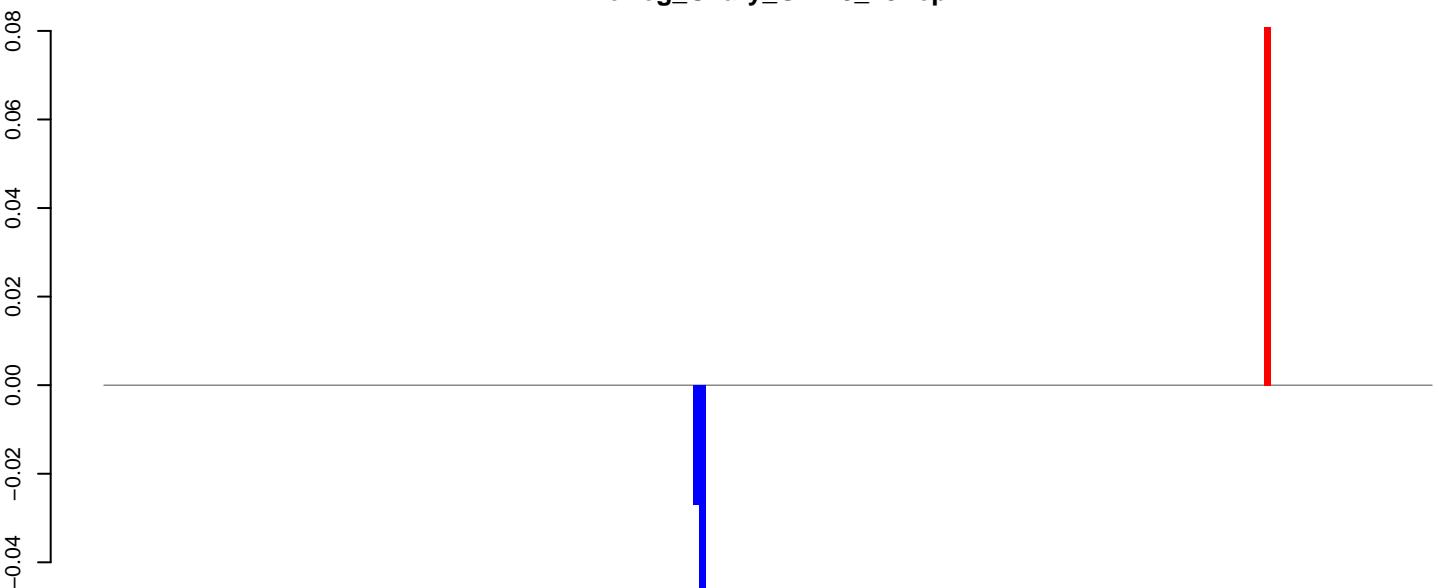


### AeAeg\_Ovary\_GH.rep



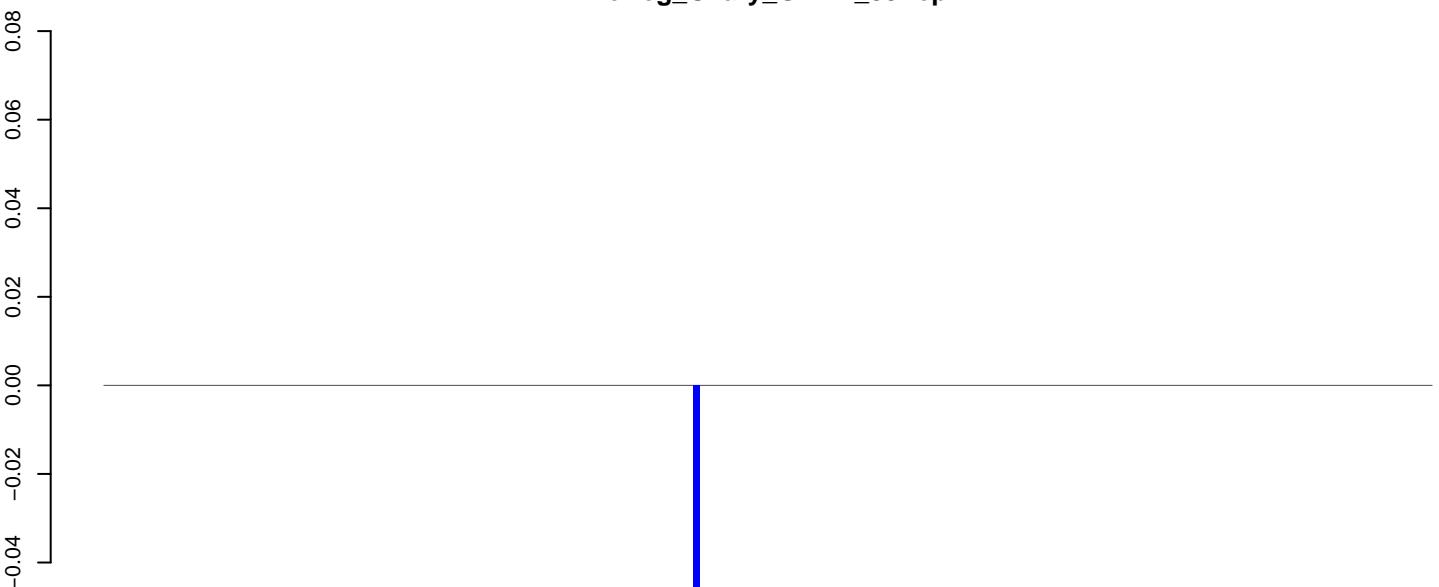
### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

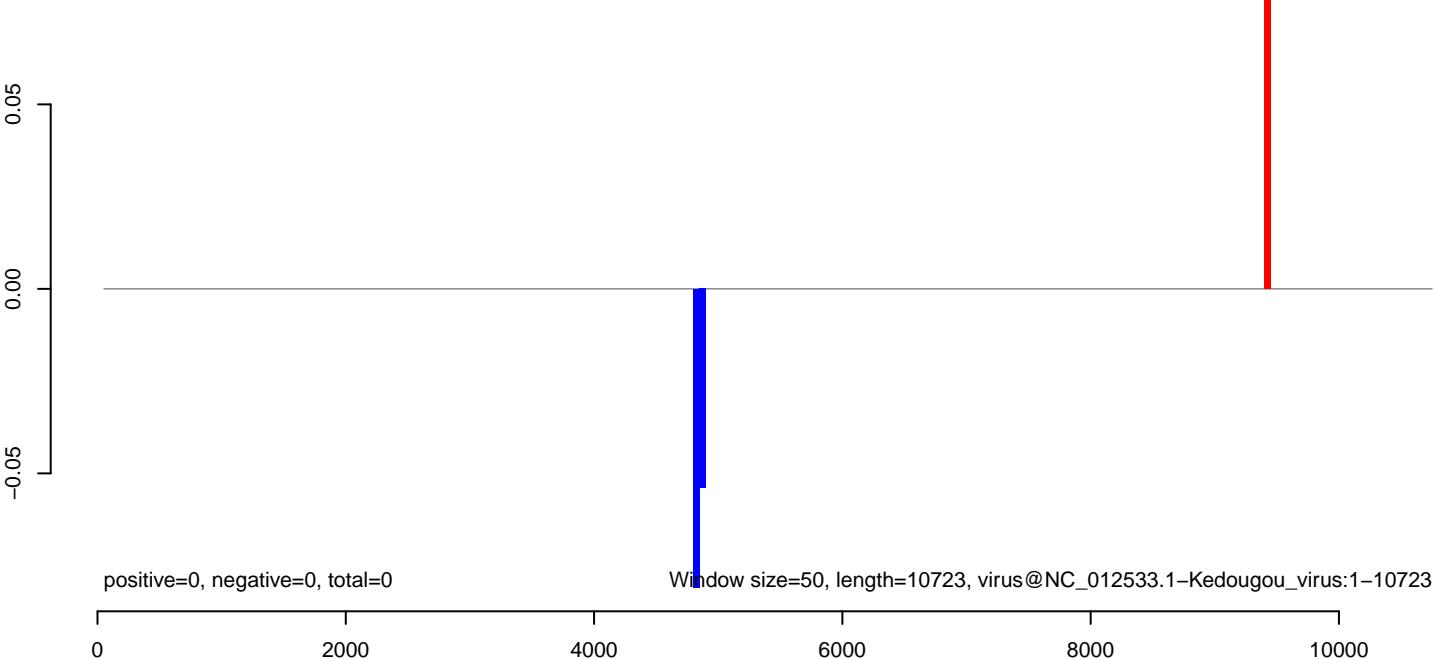
positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10723, virus@NC\_012533.1-Kedougou\_virus:1-10723



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

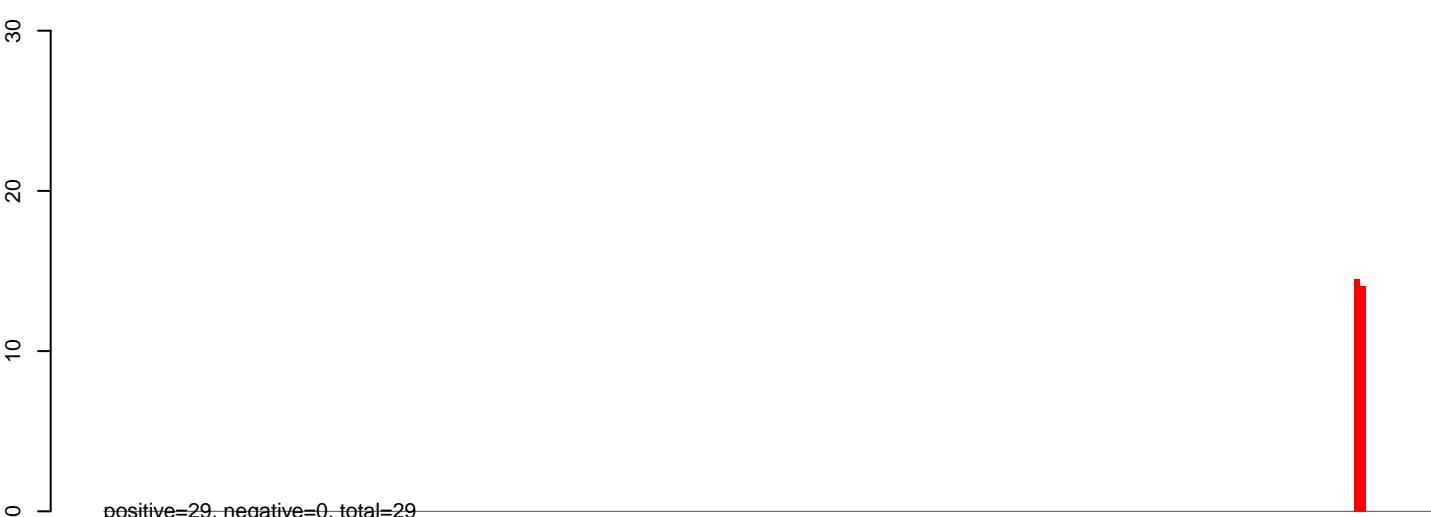
Window size=50, length=9264, virus@NC\_001834.1-Drosophila\_C\_virus\_strain\_EB:1-9264

0 2000 4000 6000 8000

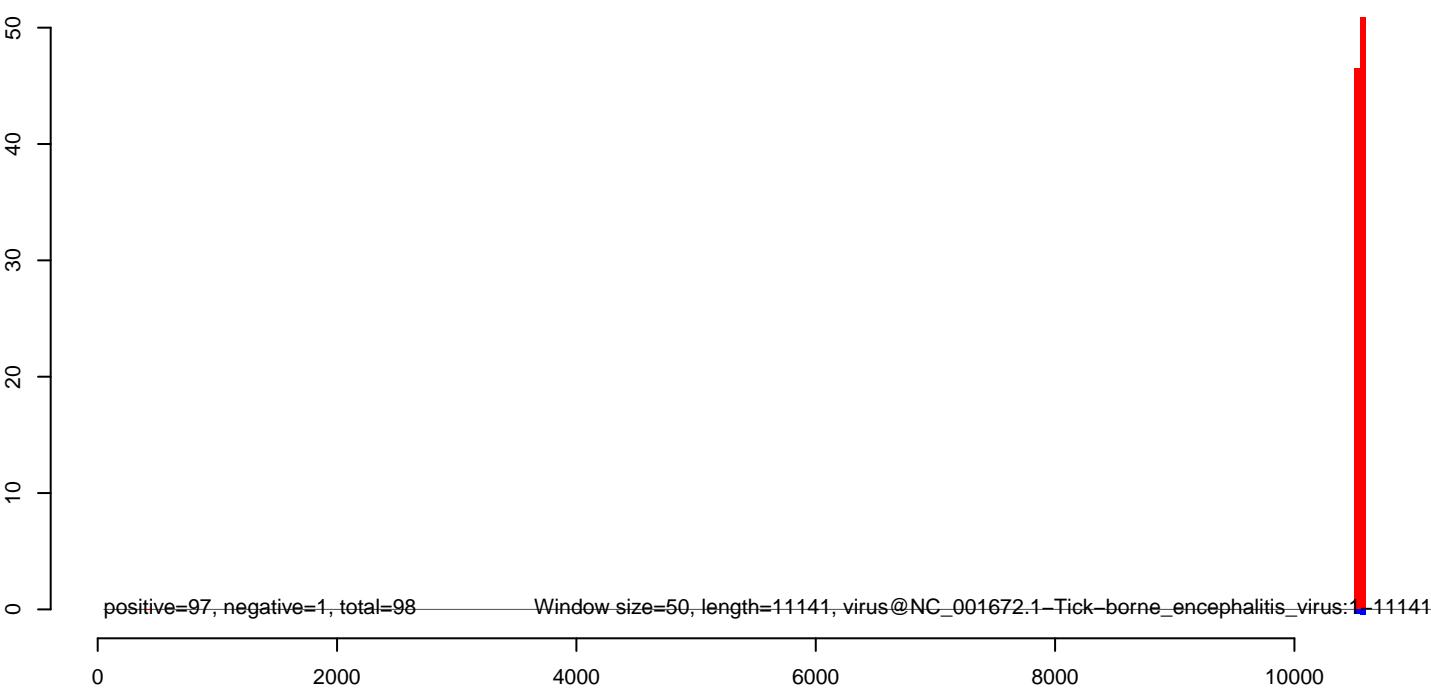
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



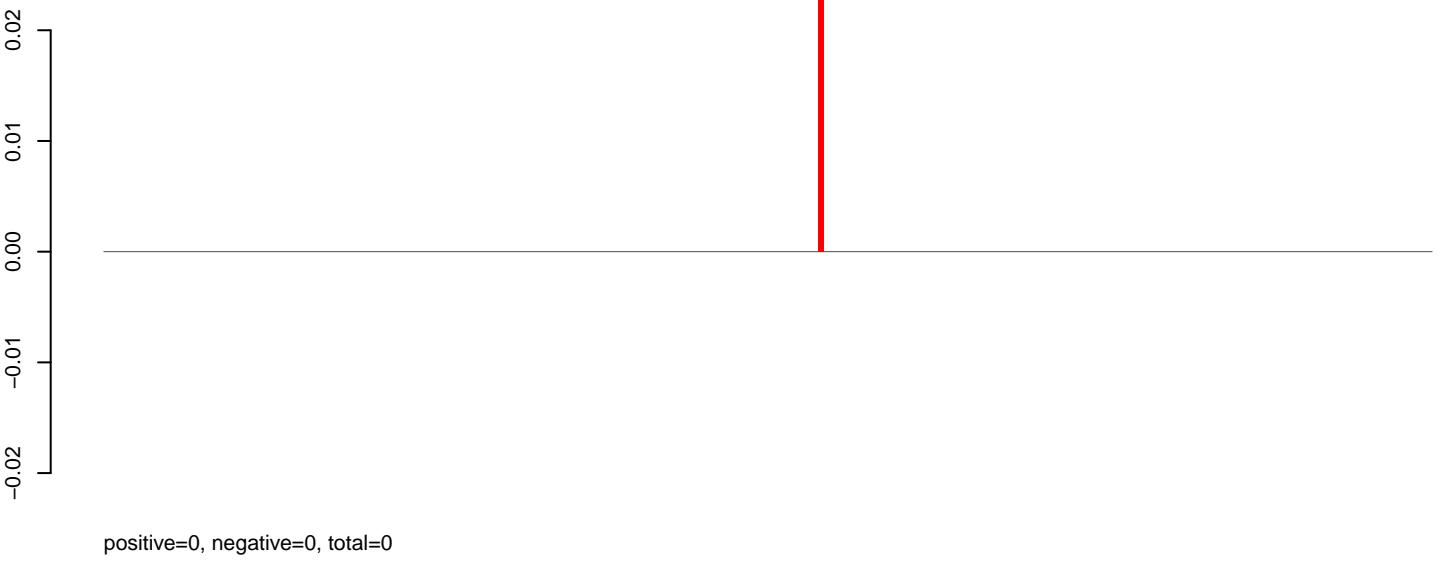
### AeAeg\_Ovary\_GH.rep



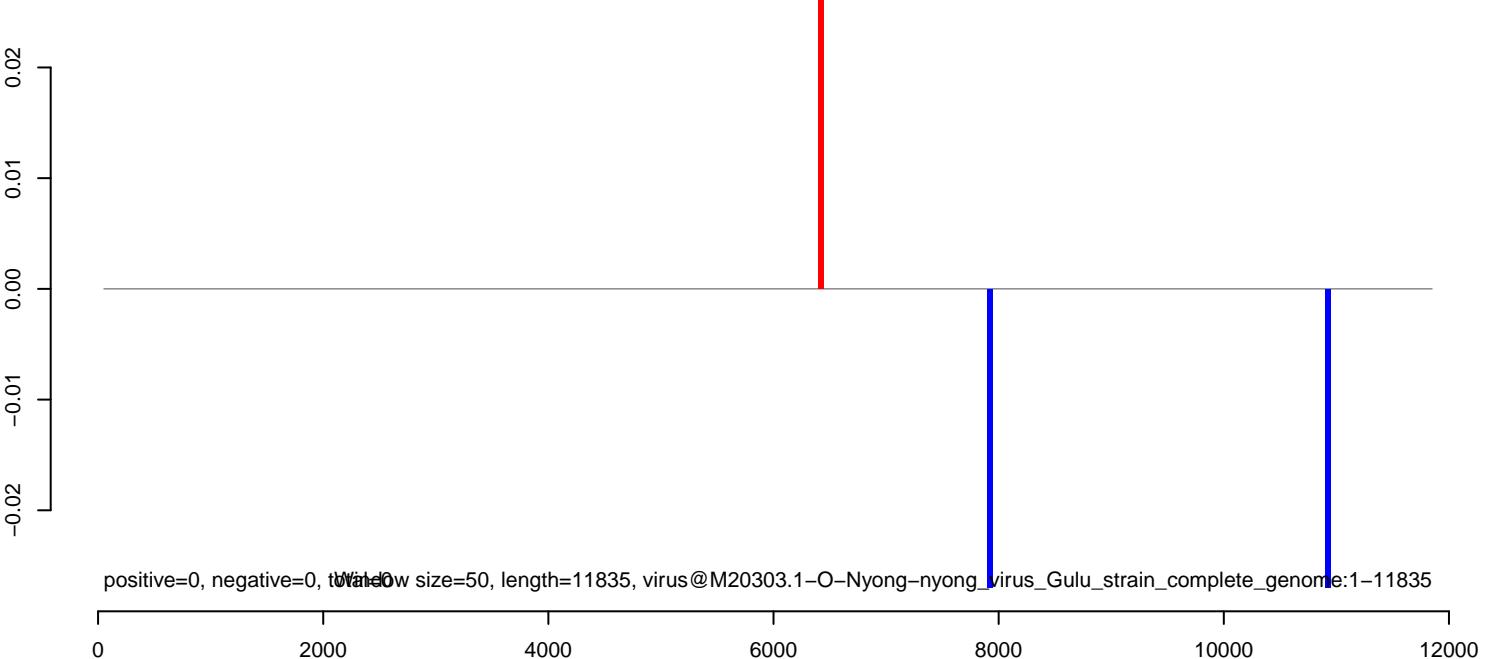
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep

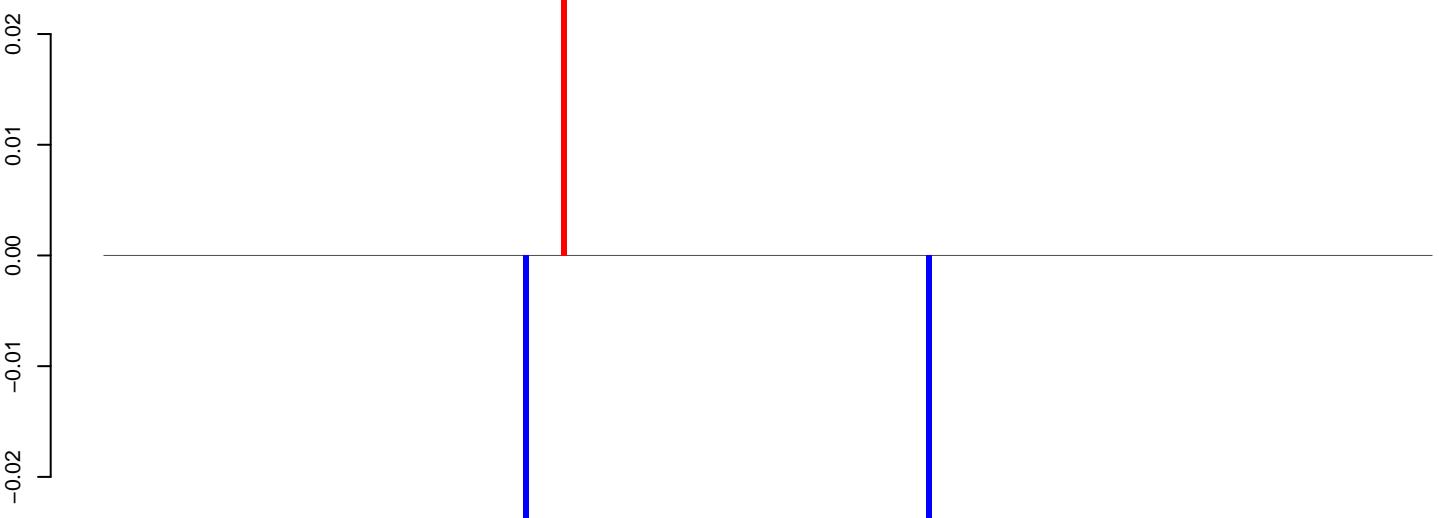


### AeAeg\_Ovary\_GH.rep



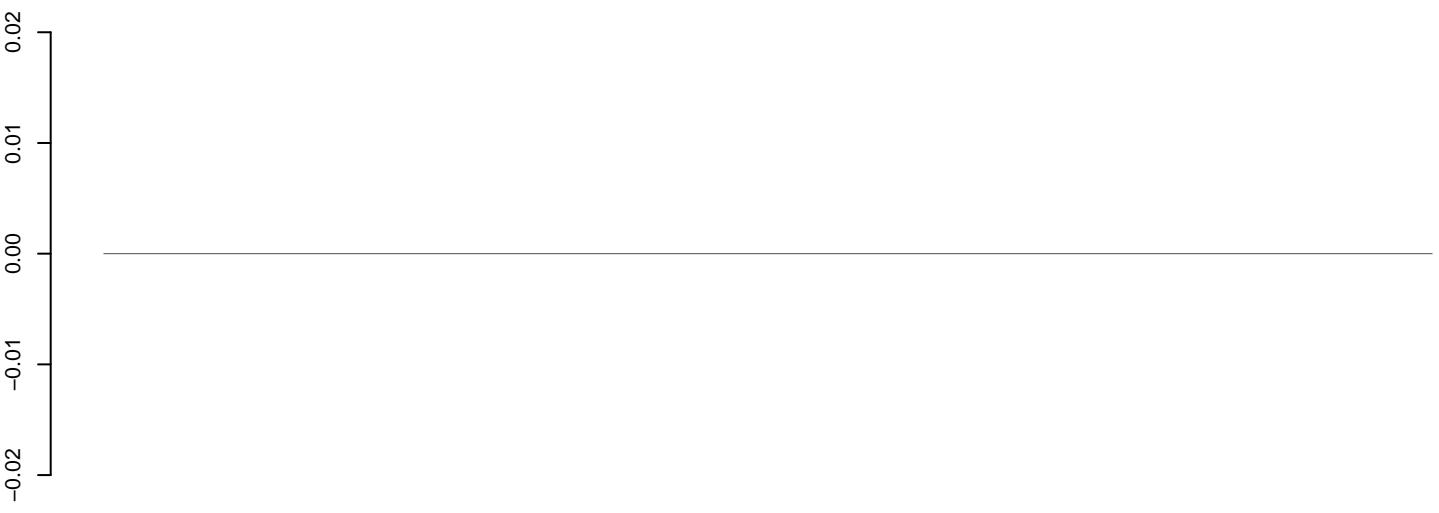
### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



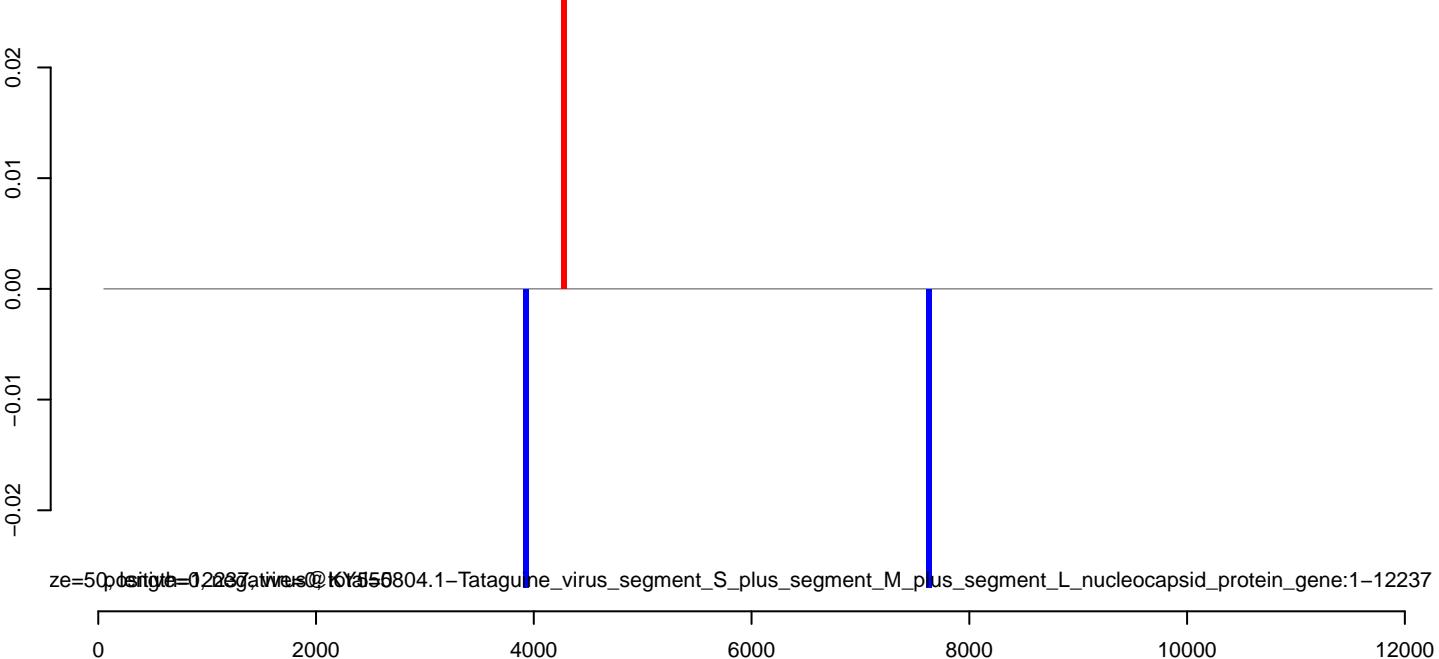
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

ze=50 positive=0 negative=0 total=0



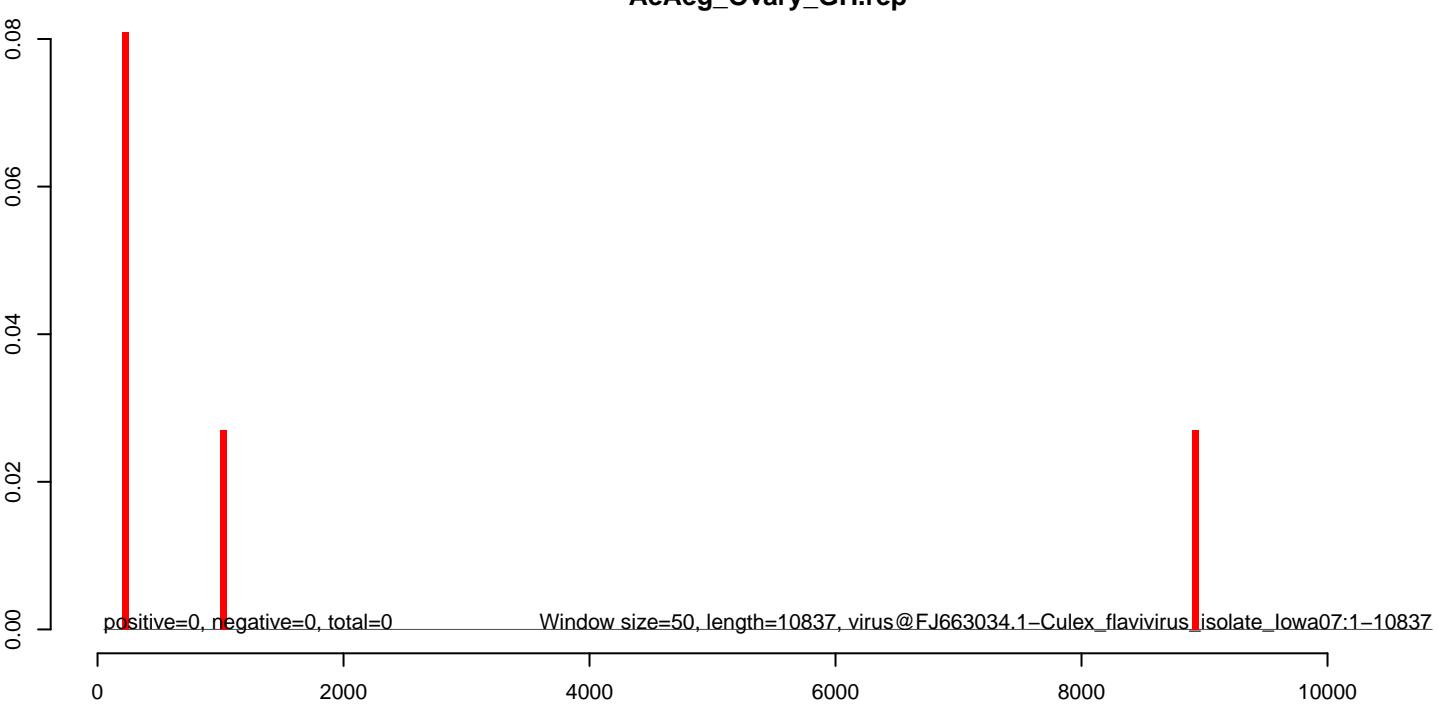
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



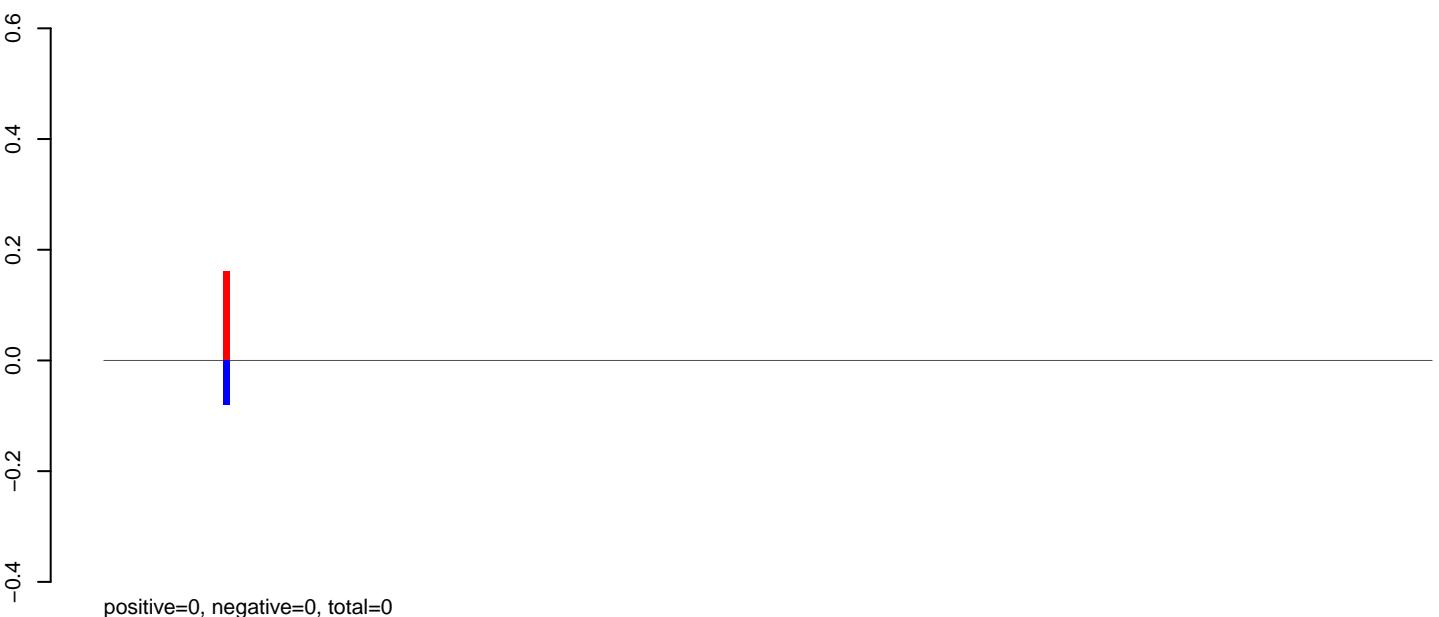
### AeAeg\_Ovary\_GH.rep



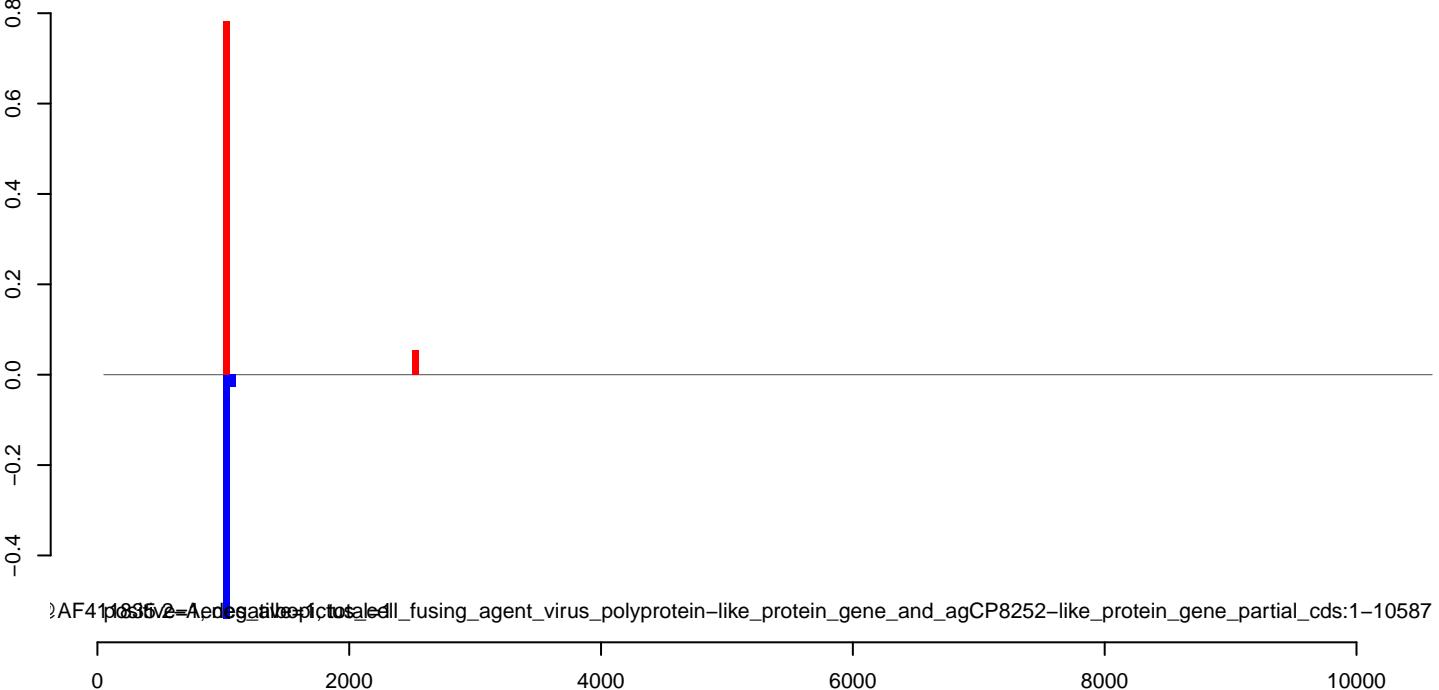
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



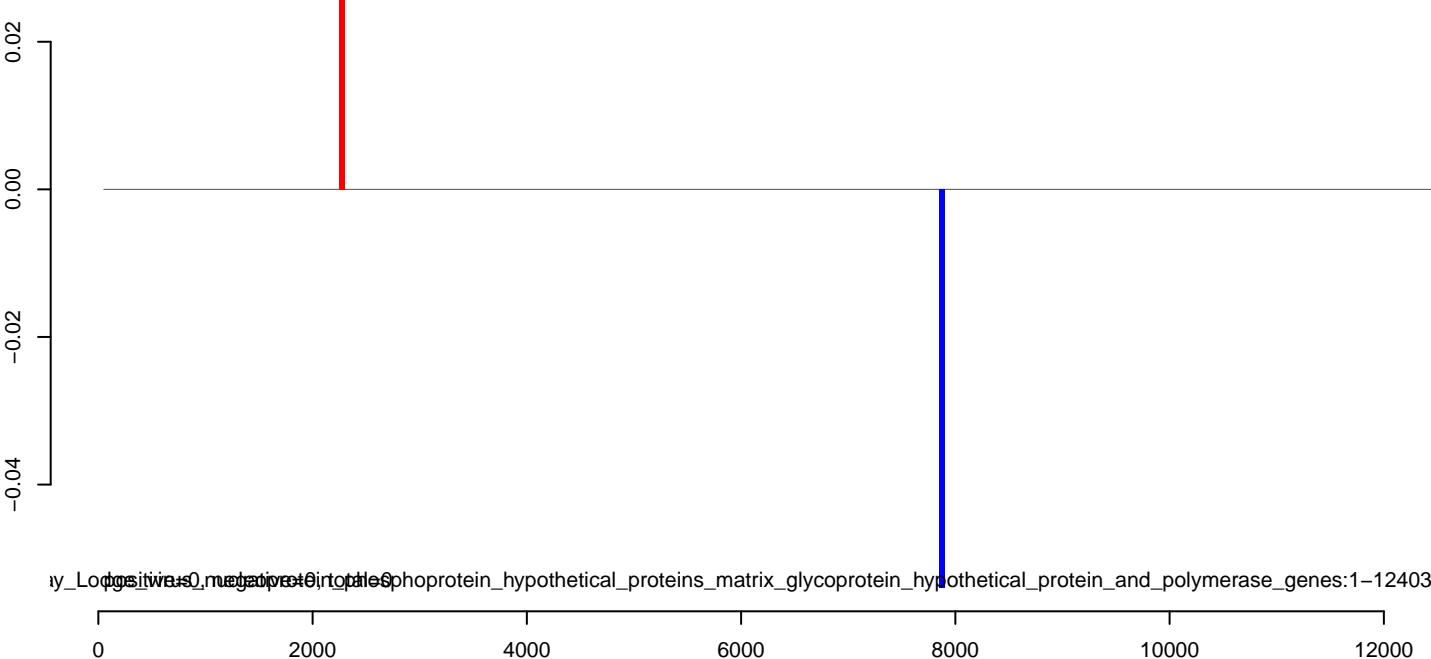
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

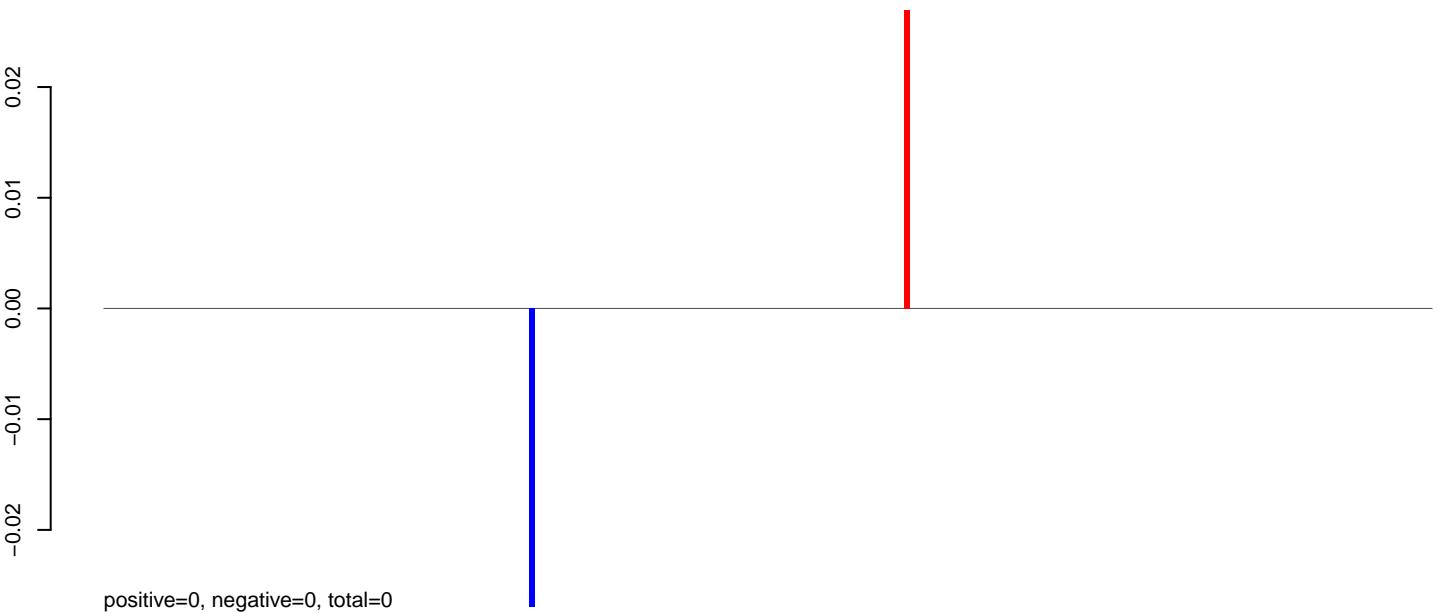
amber positives:0 unrepresented:0 total:0 phosphoprotein\_matrix\_hypothetical\_proteins:1 glycoprotein\_hypothetical\_proteins\_and\_polymerase\_genes:1-13593

0 2000 4000 6000 8000 10000 12000 14000

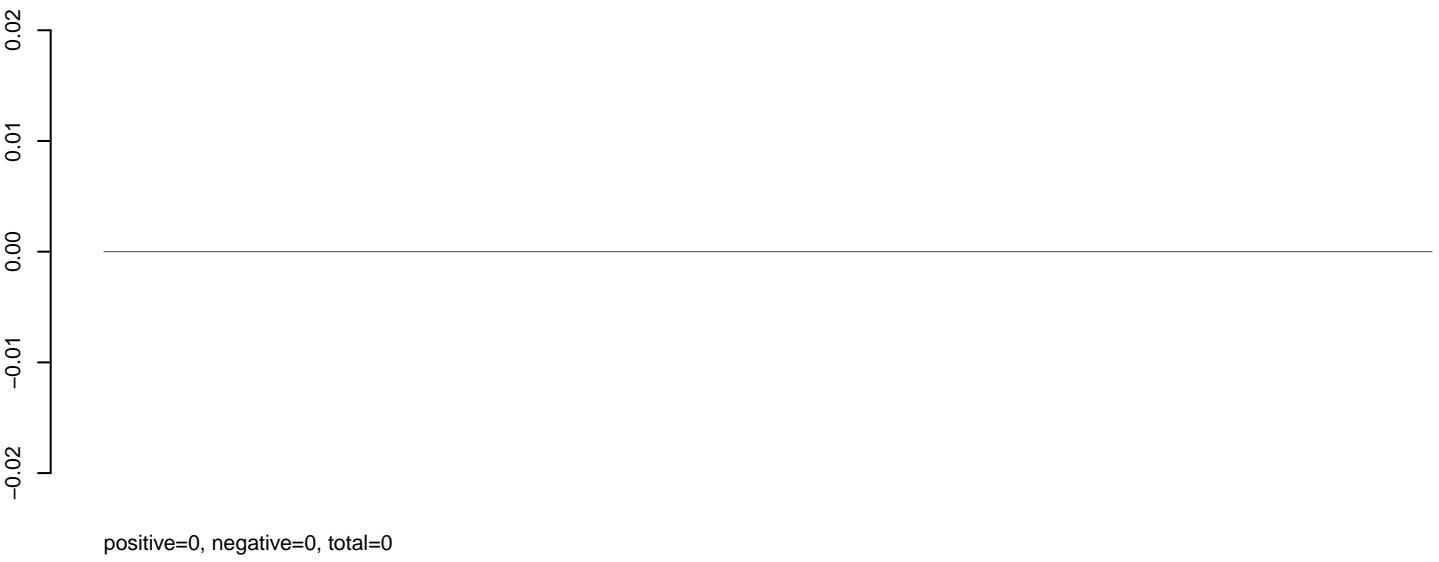


virus@NDe004580at1-M00total-8 nucleoprotein phosphoprotein matrix glycoprotein hypothetical proteins and polymerase genes:1-13294

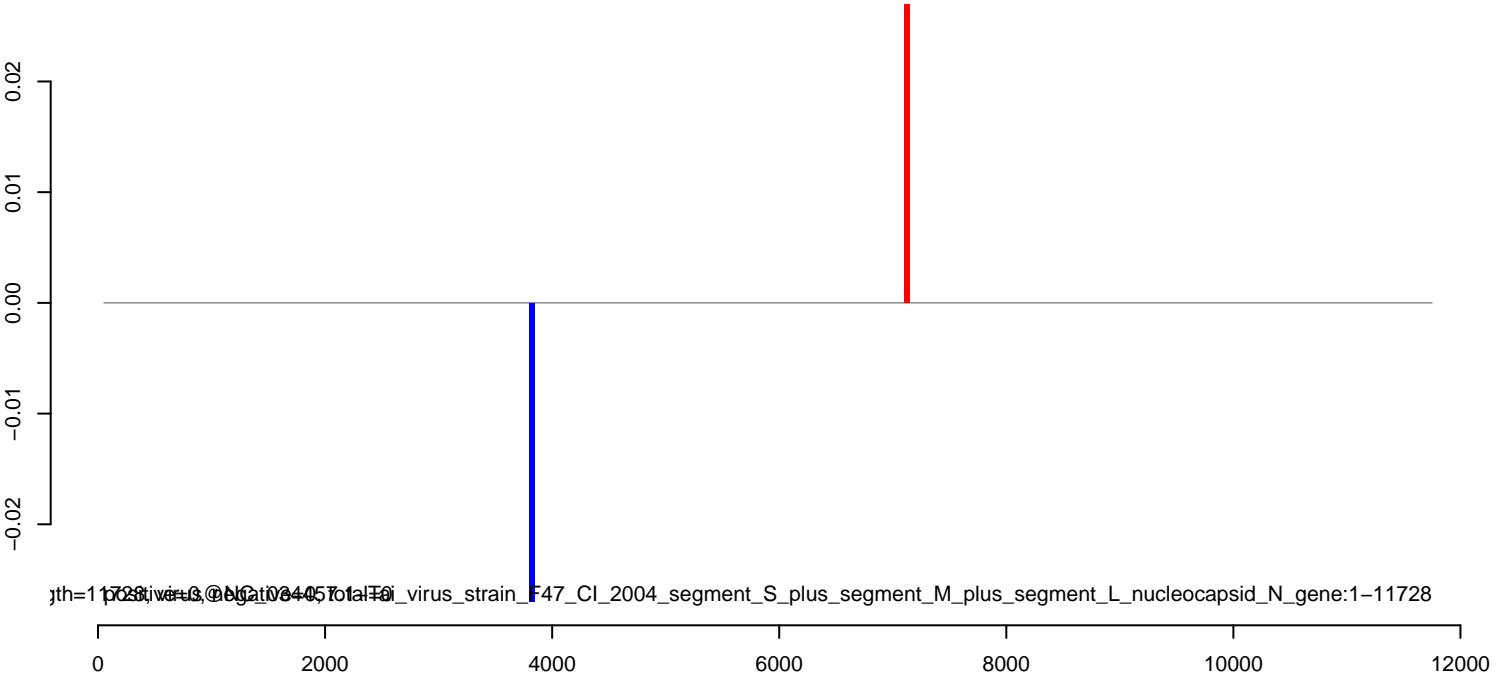
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep

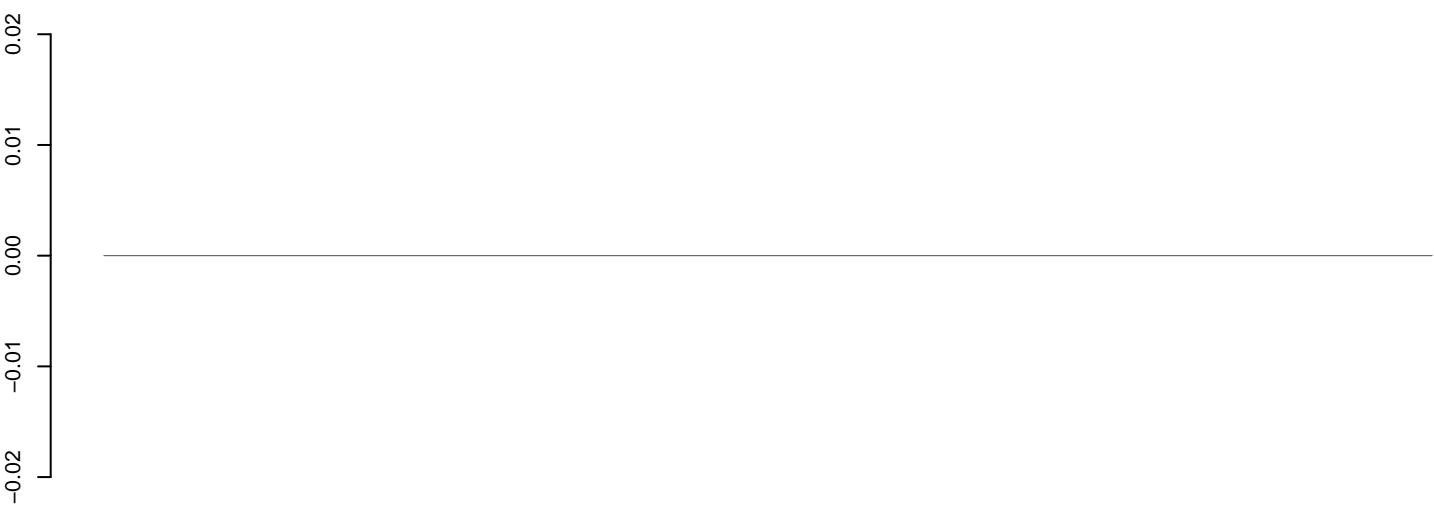


### AeAeg\_Ovary\_GH.rep

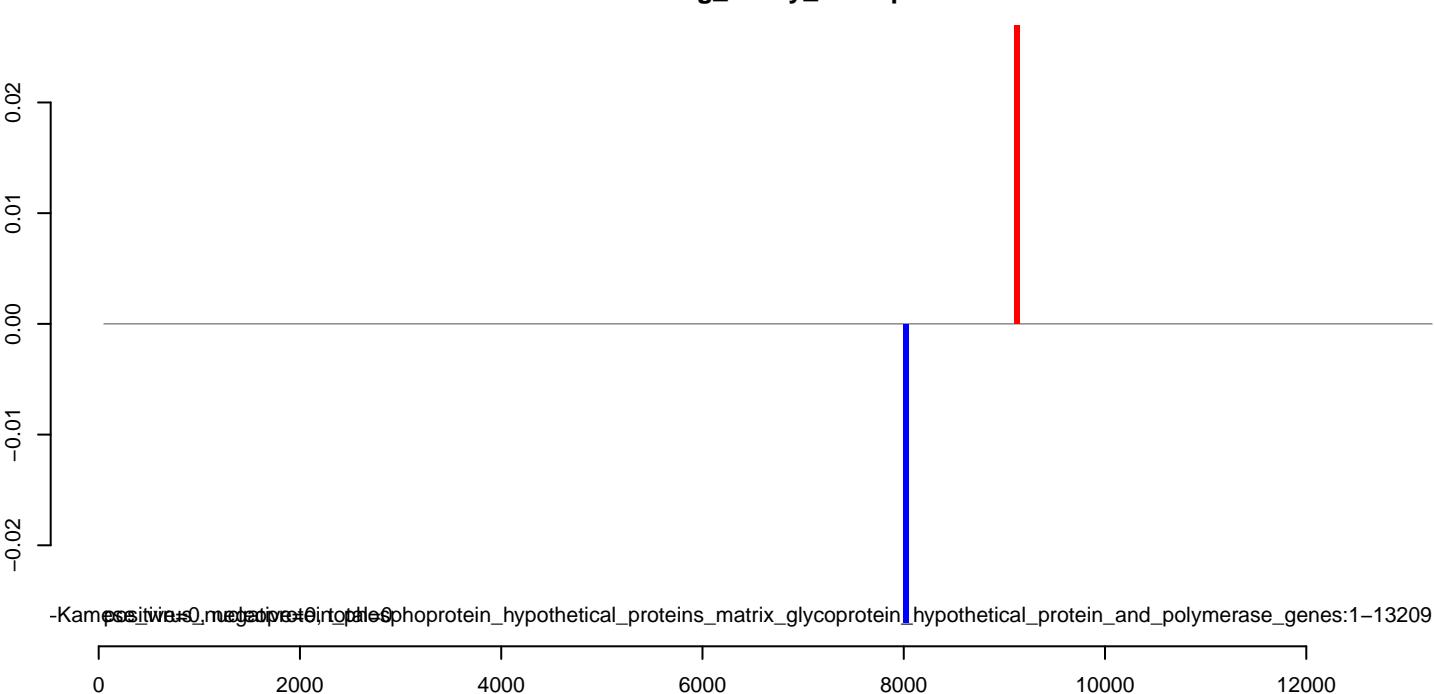




AeAeg\_Ovary\_GH.24\_35.rep



AcAsg\_Overlay.CH.rnp



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

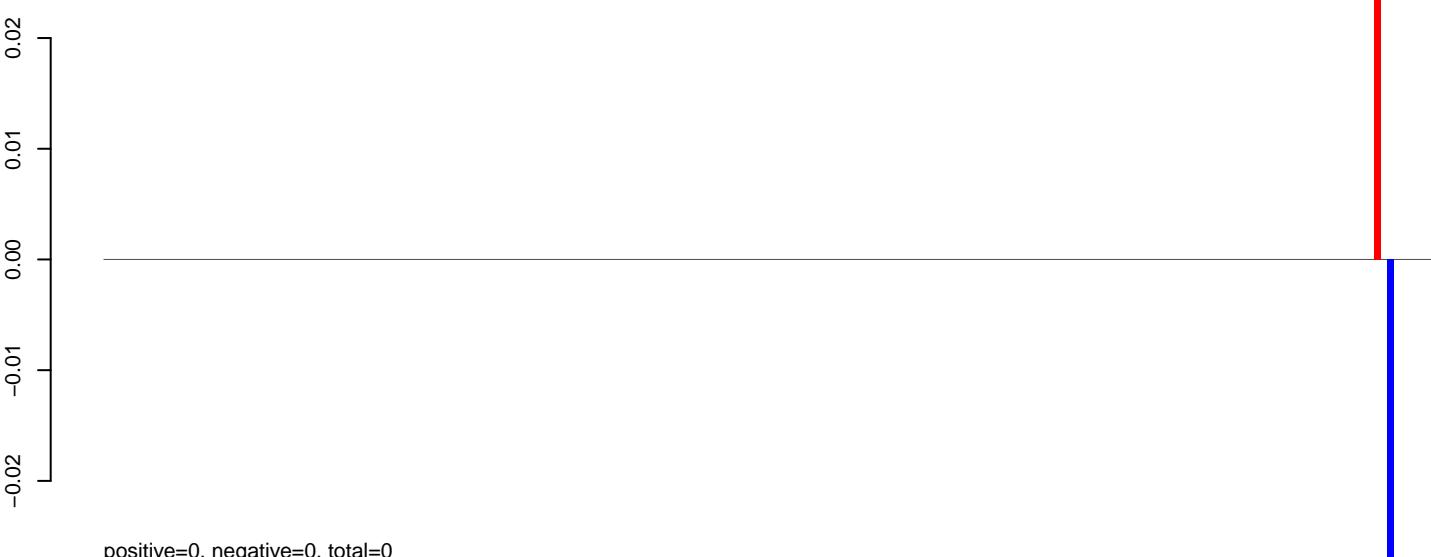
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

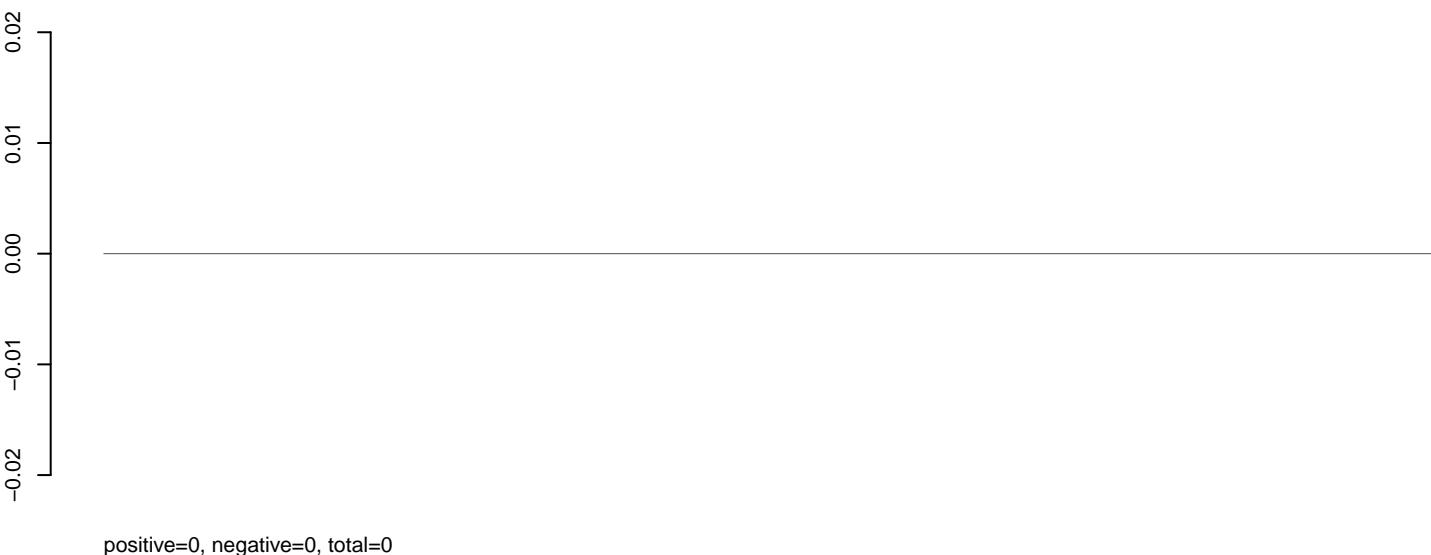
losquepositive=0,negative=0,total=0 phosphoprotein\_hypothetical\_proteins\_matrix\_glycoprotein\_hypothetical\_protein\_and\_polymerase\_genes:1-12957

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep



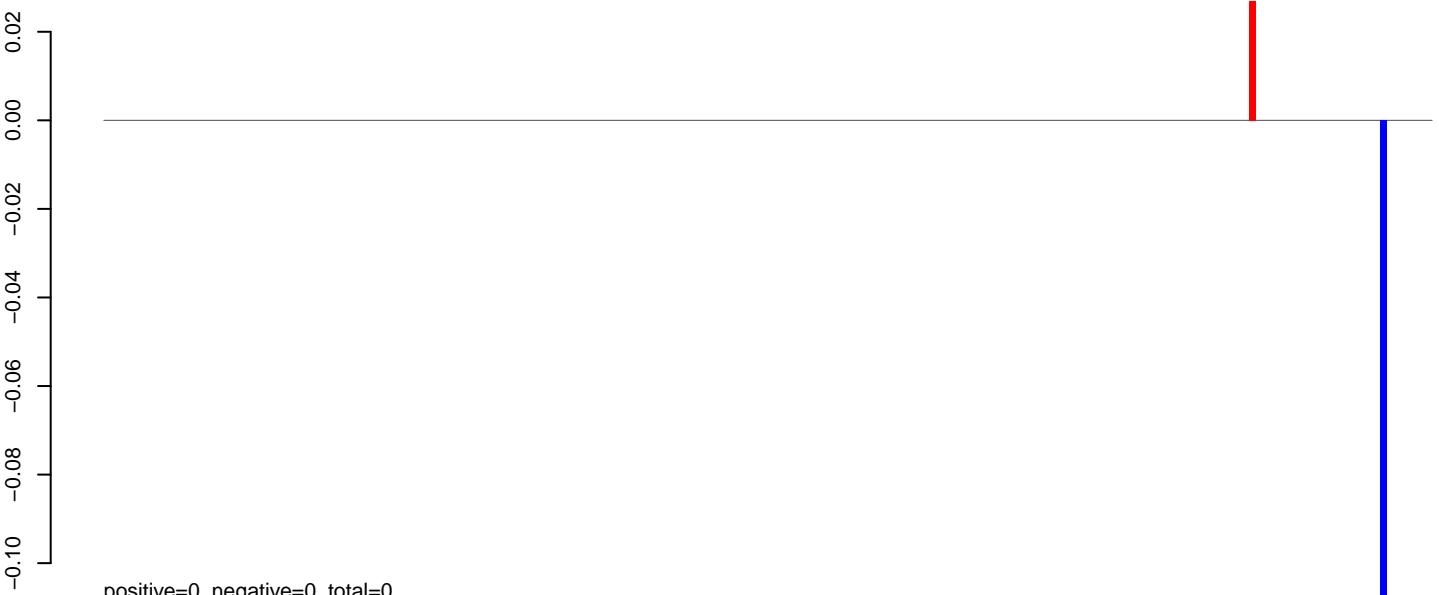
### AeAeg\_Ovary\_GH.24\_35.rep



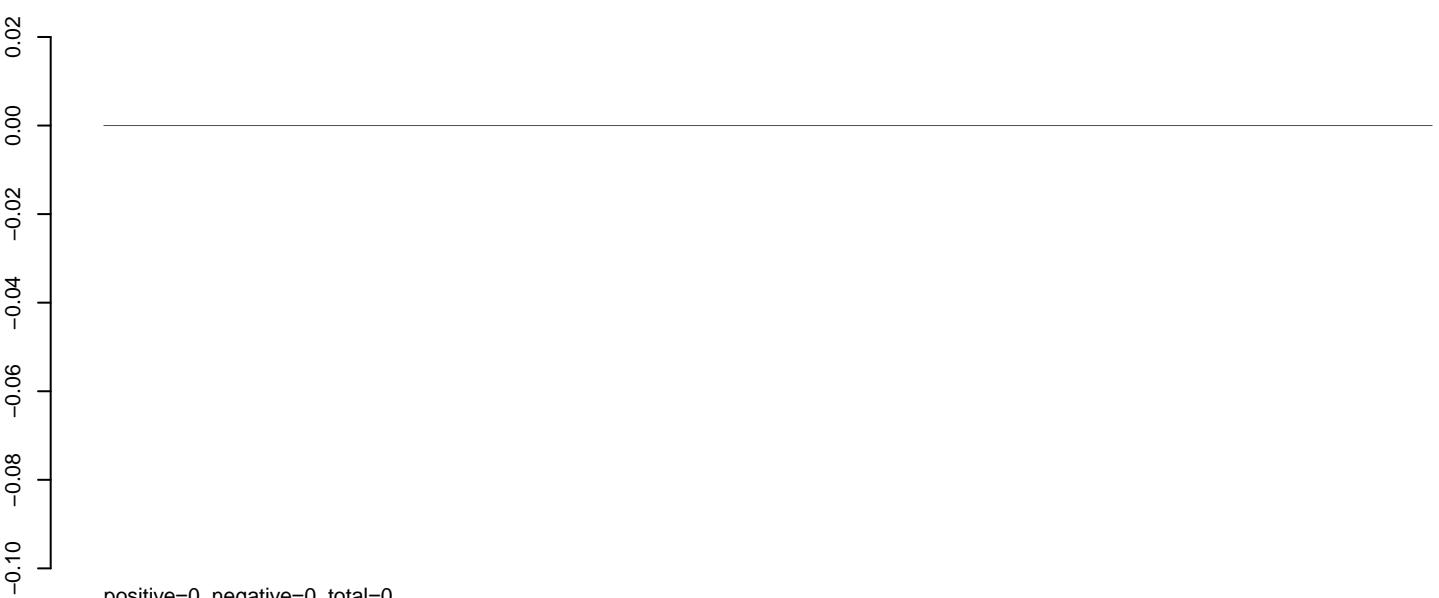
### AeAeg\_Ovary\_GH.rep



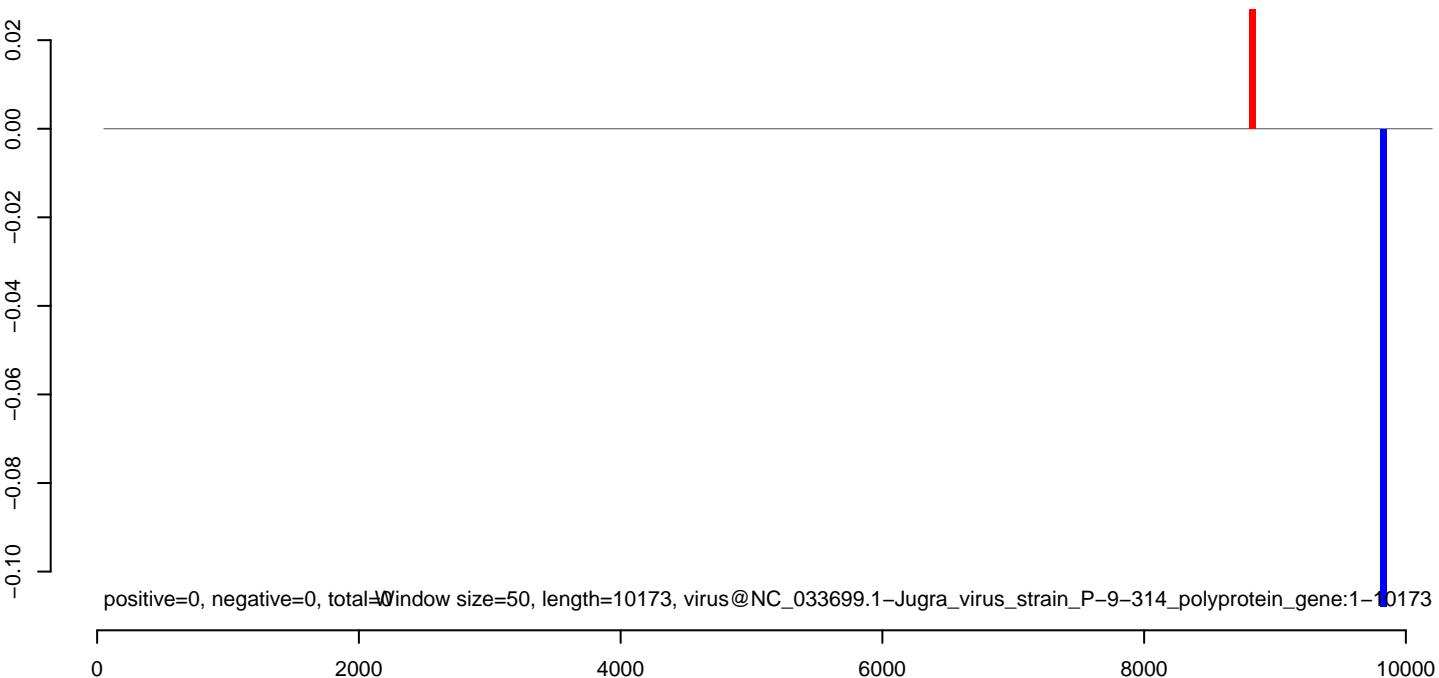
### AeAeg\_Ovary\_GH.18\_23.rep



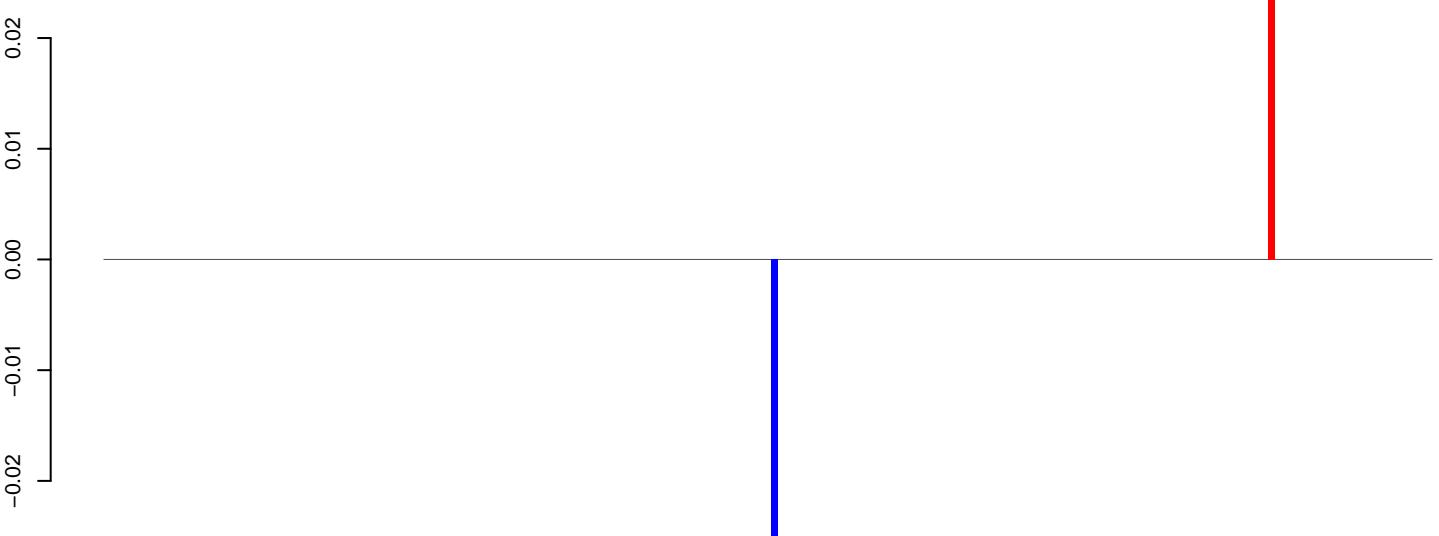
### AeAeg\_Ovary\_GH.24\_35.rep



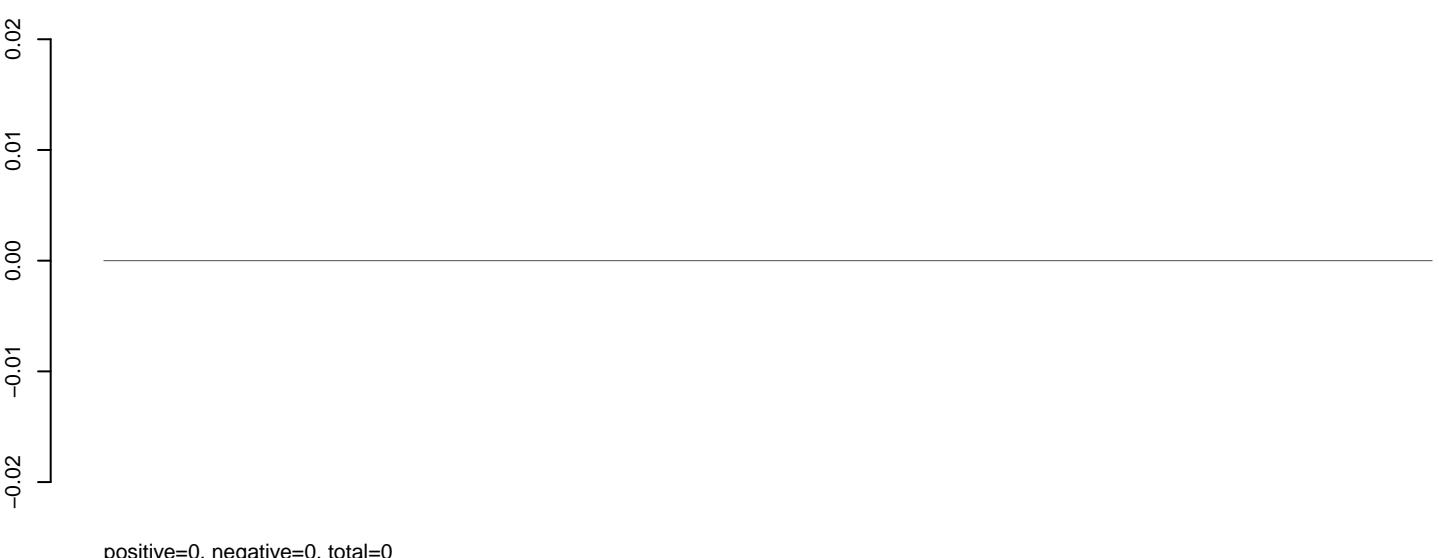
### AeAeg\_Ovary\_GH.rep



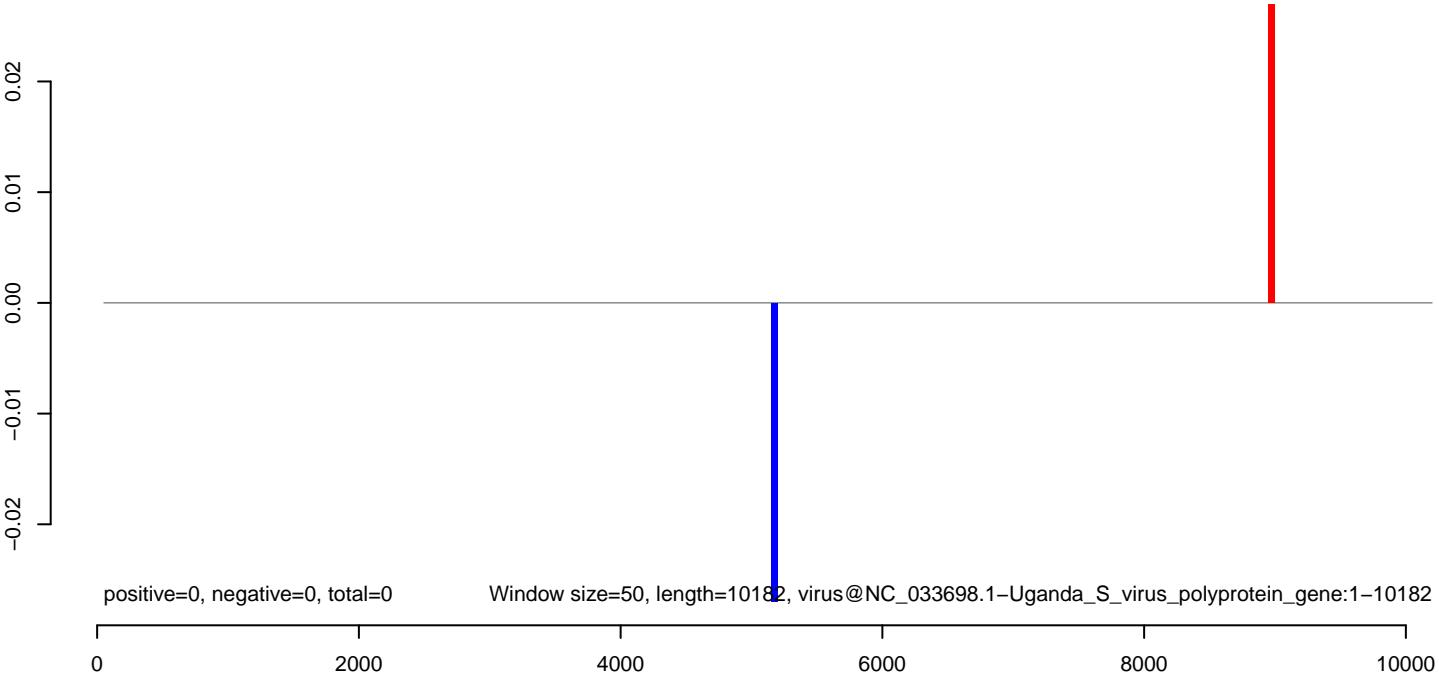
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

size=5000000 positive=0 negative=0 total=0

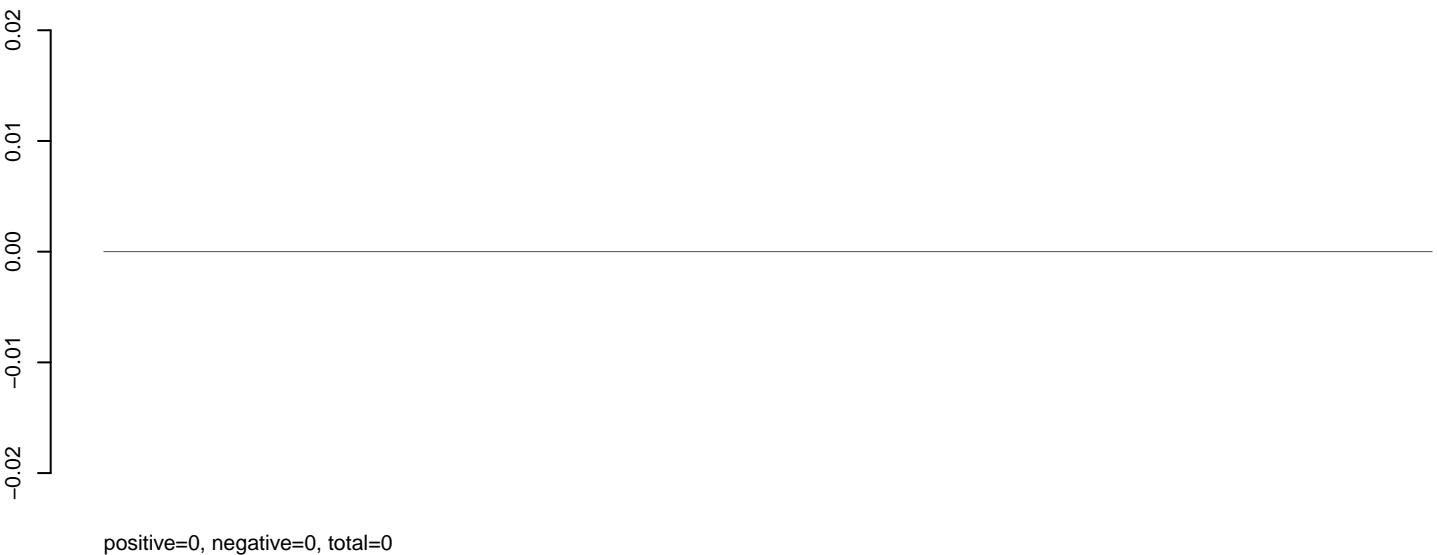
NC\_0031320.1-Yichang\_Insect\_virus\_strain\_YCYC01\_RNA-dependent\_RNA\_polymerase\_L\_G\_N\_gene:1-10729

0 2000 4000 6000 8000 10000

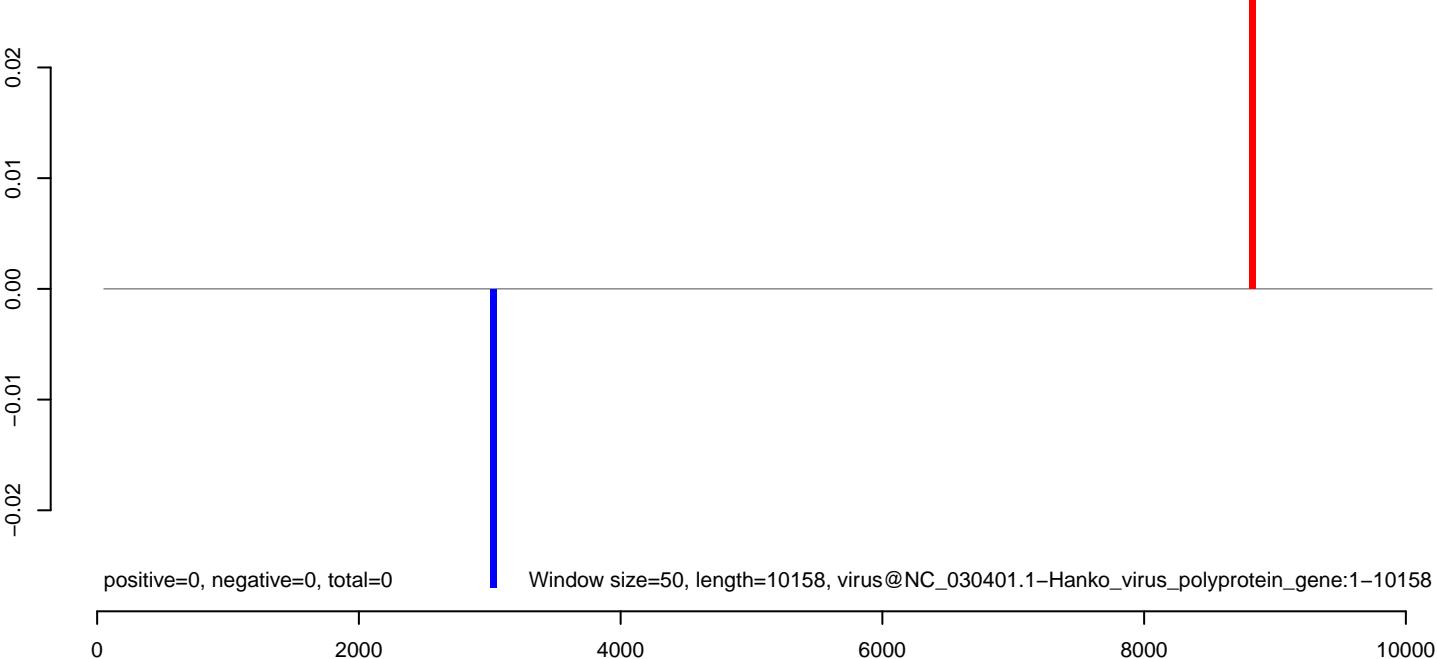
### AeAeg\_Ovary\_GH.18\_23.rep



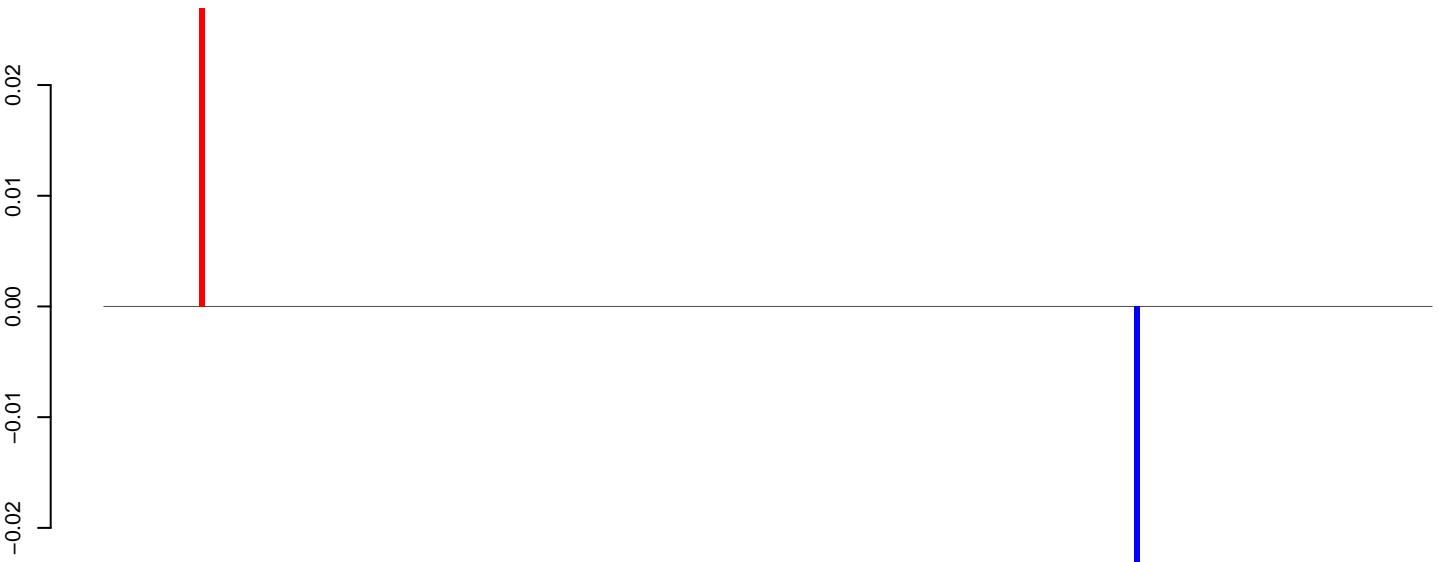
### AeAeg\_Ovary\_GH.24\_35.rep



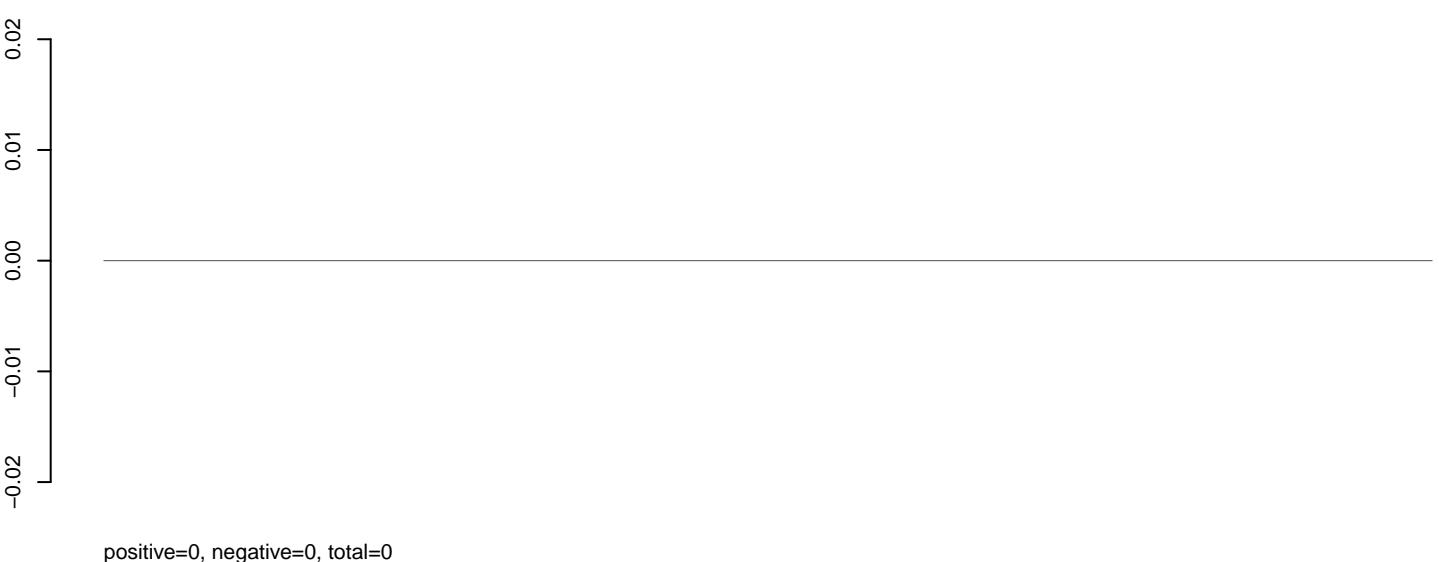
### AeAeg\_Ovary\_GH.rep



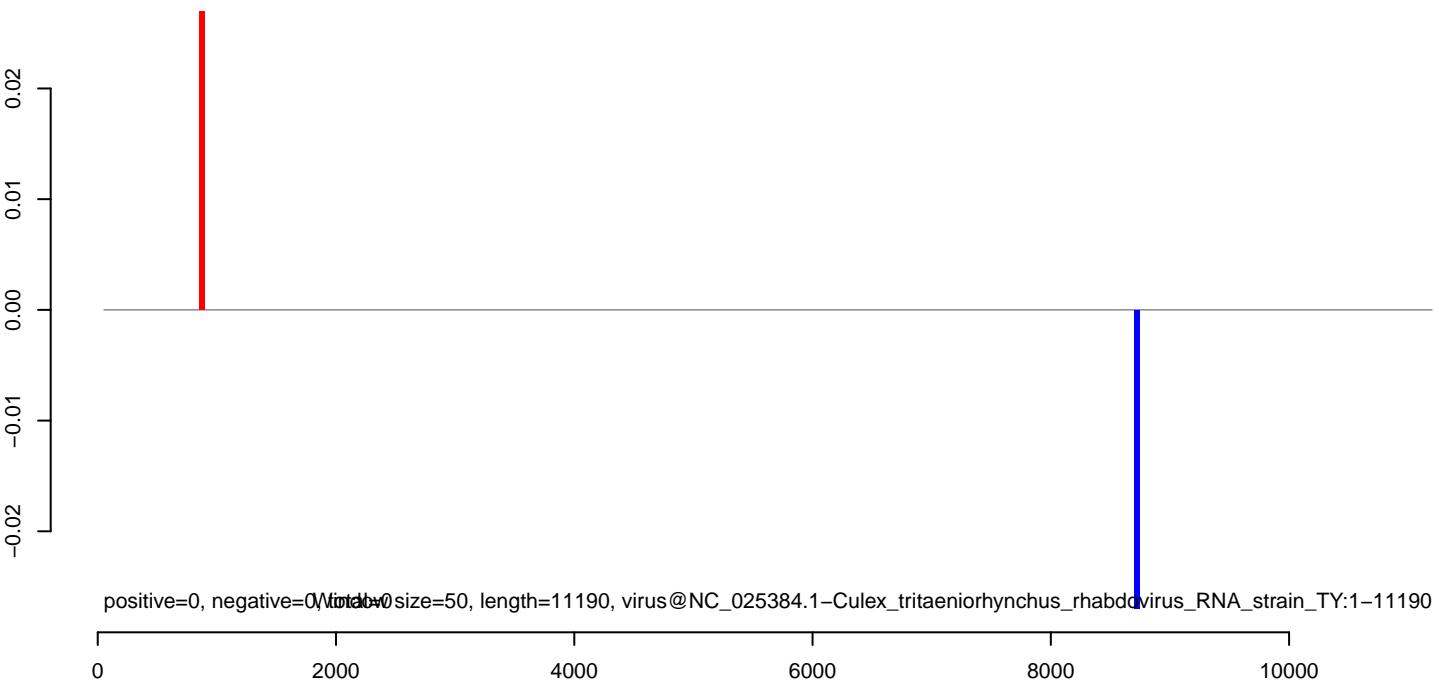
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11019, virus@NC\_025364.1-Malpais\_Spring\_virus\_strain\_85-488NM:1-11019

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

WindowSize=50, length=11526, virus@NC\_025359.1-Moussa\_virus\_isolate\_C23:1-11526

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10878, virus@NC\_024299.2-Nienokoue\_virus\_isolate\_B51\_CI\_2004:1-10878

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

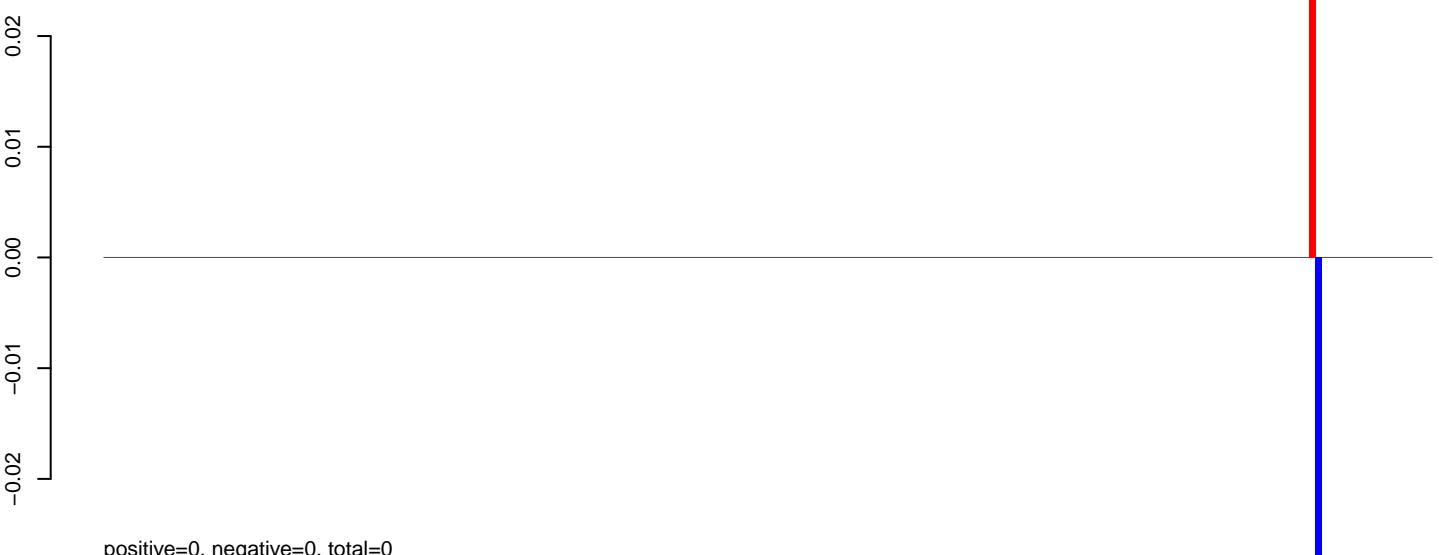
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

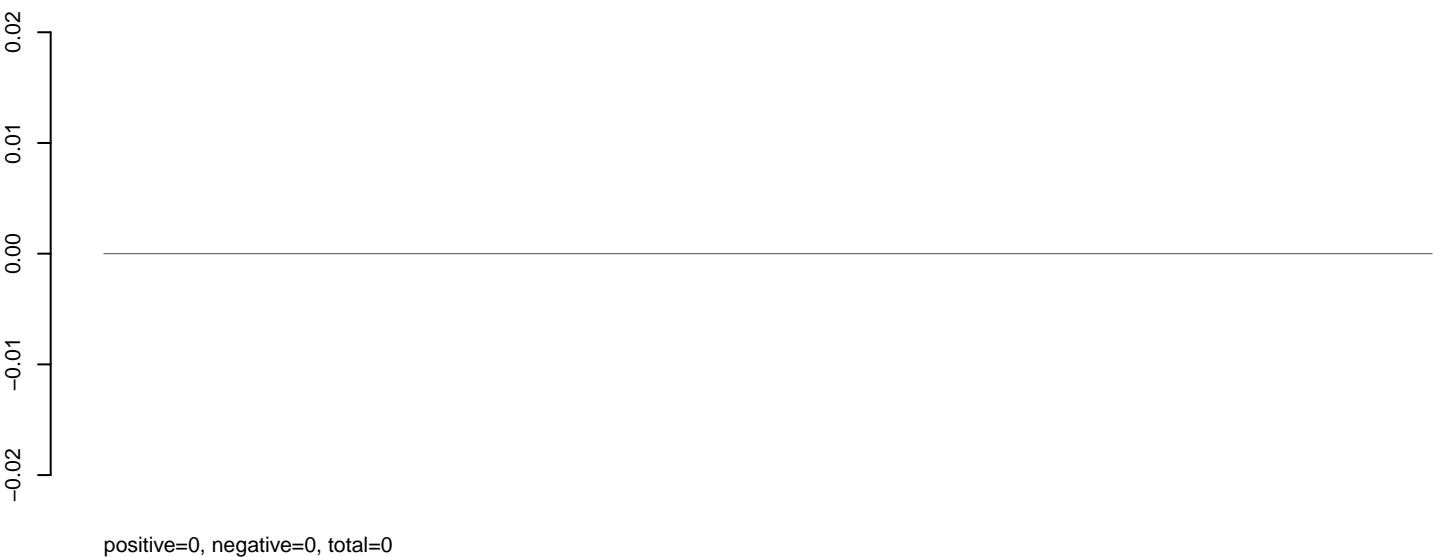
### AeAeg\_Ovary\_GH.rep

12390 positives @ No 210135\_1teDlephi\_a\_melanogaster\_sigma\_virus\_AP30\_N\_P\_X\_M\_G\_and\_L genes\_genomic\_RNA\_isolate\_AP30:1-12390

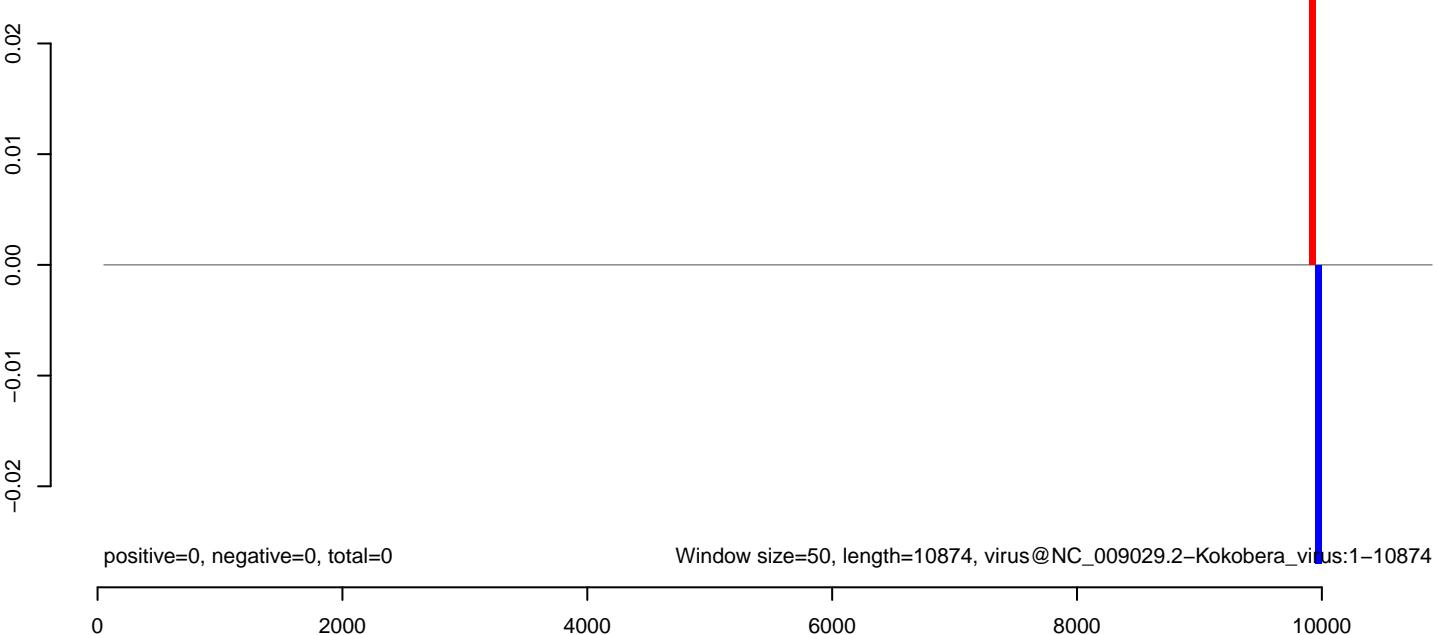
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

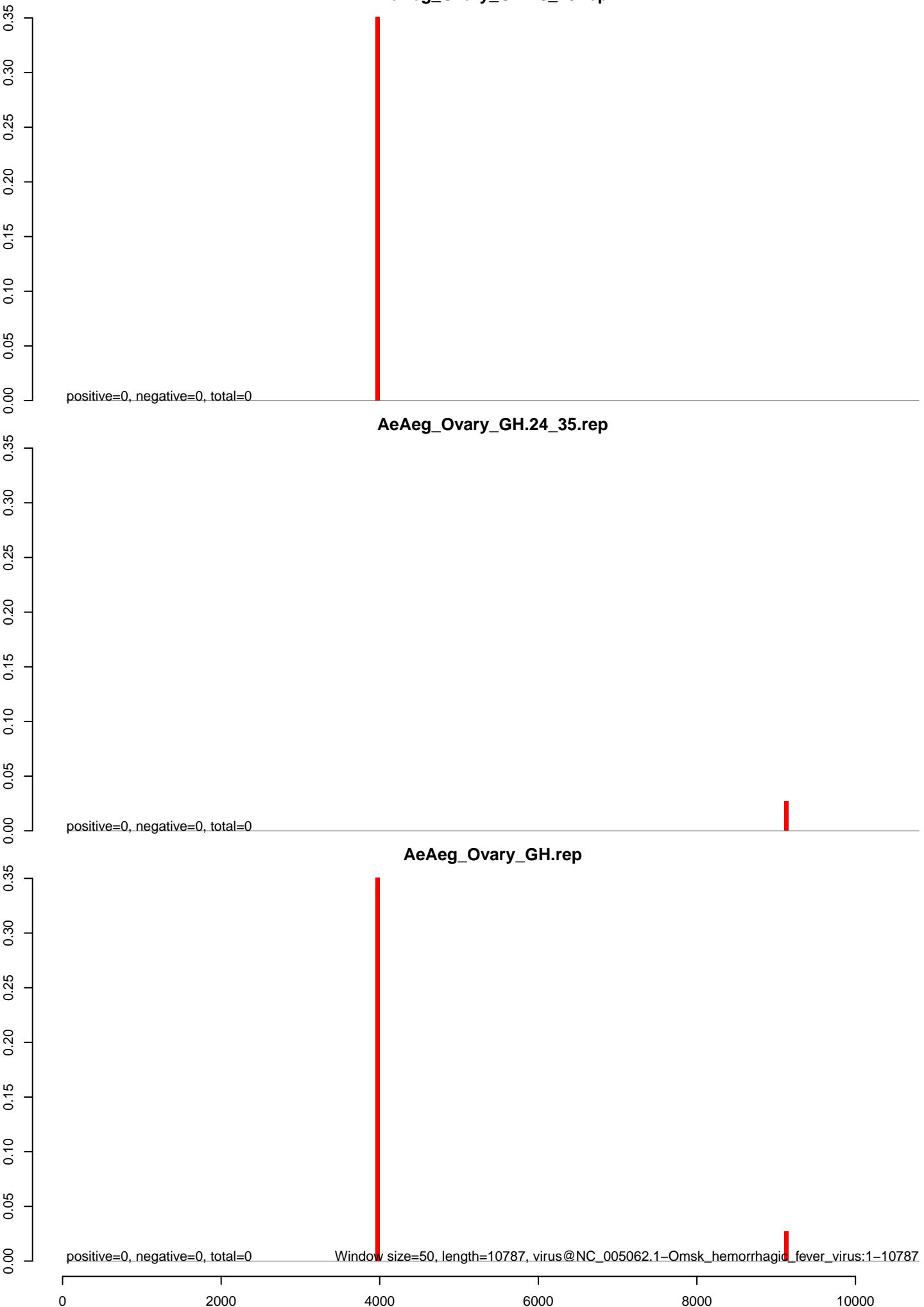
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10787, virus@NC\_005062.1-Omsk\_hemorrhagic\_fever\_virus:1-10787



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=4507, virus@NC\_004146.1-Flock\_house\_virus\_RNA\_1\_and\_RNA2:1-4507

0 1000 2000 3000 4000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

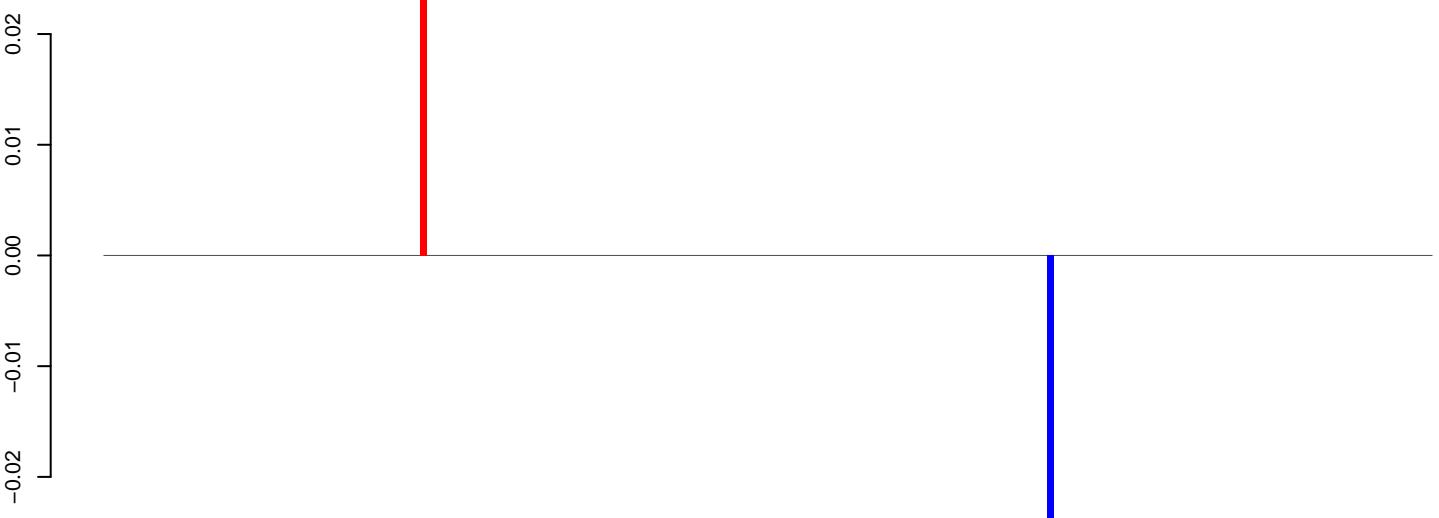
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, Gh=12294, virus@NC\_001927|1-Bunyamwera\_virus|segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12294

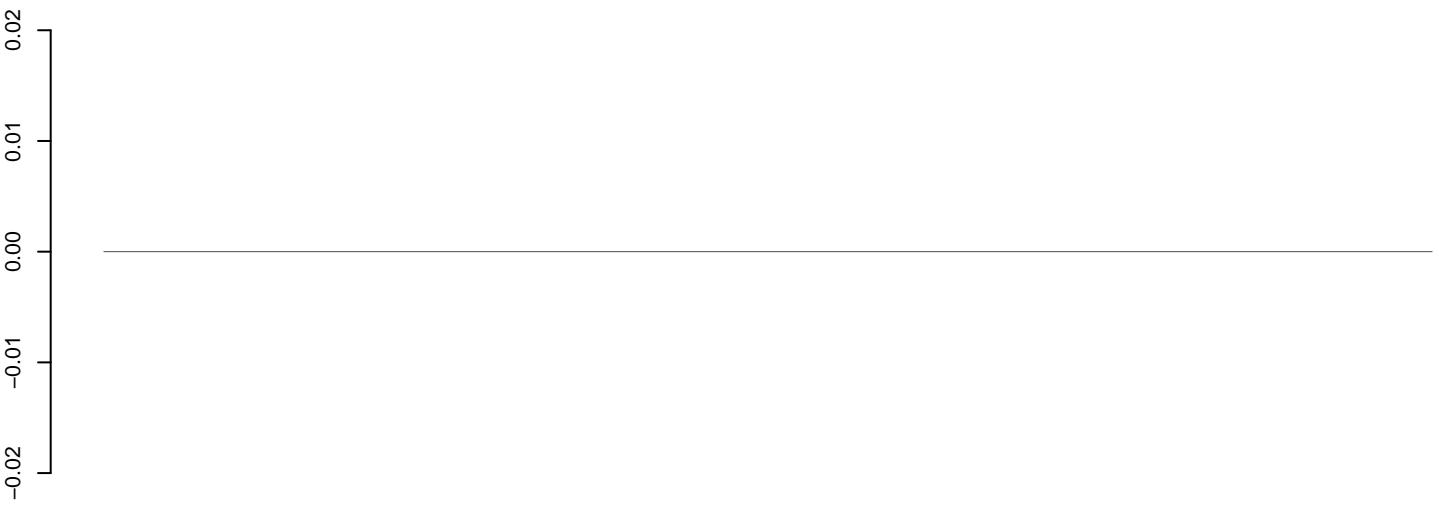
### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

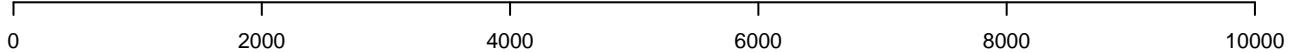
positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10723, virus@NC\_001474.2-Dengue\_virus\_2:1-10723



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=4505, virus@NC\_001411.2-Black\_beetle\_virus\_RNA1\_and\_RNA2:1-4505

0 1000 2000 3000 4000



positive=0, negative=0, total=0



positive=0, negative=0, total=0



~~sputative\_de\_degenerate putative\_small\_transmembrane\_protein putative\_glycoprotein putative\_small\_ZnF\_protein\_and\_RdRp\_genes:1-11652~~

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10841, virus@JQ308187.1–Culex\_flavivirus\_isolate\_HLD105:1–10841

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10841, virus@HQ678513.1-Culex\_flavivirus\_isolate\_H0901:1-10841

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

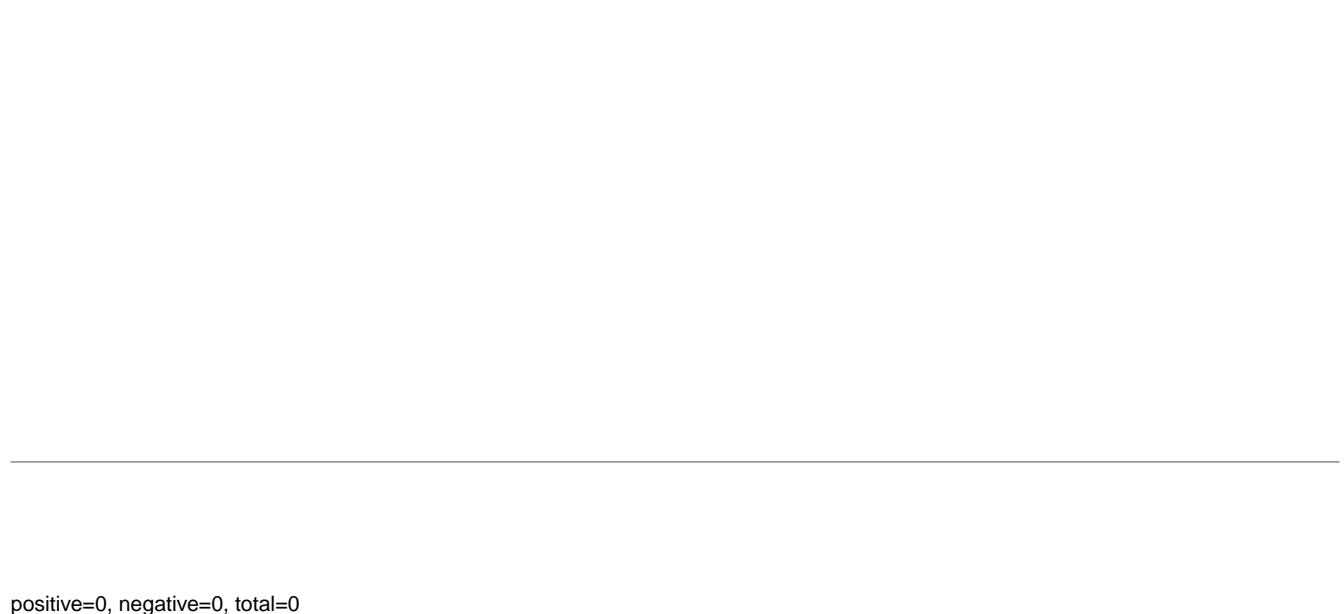
Window size=50, length=10837, virus@FJ502995.1-Culex\_flavivirus\_strain\_HOU24518:1-10837

0 2000 4000 6000 8000 10000

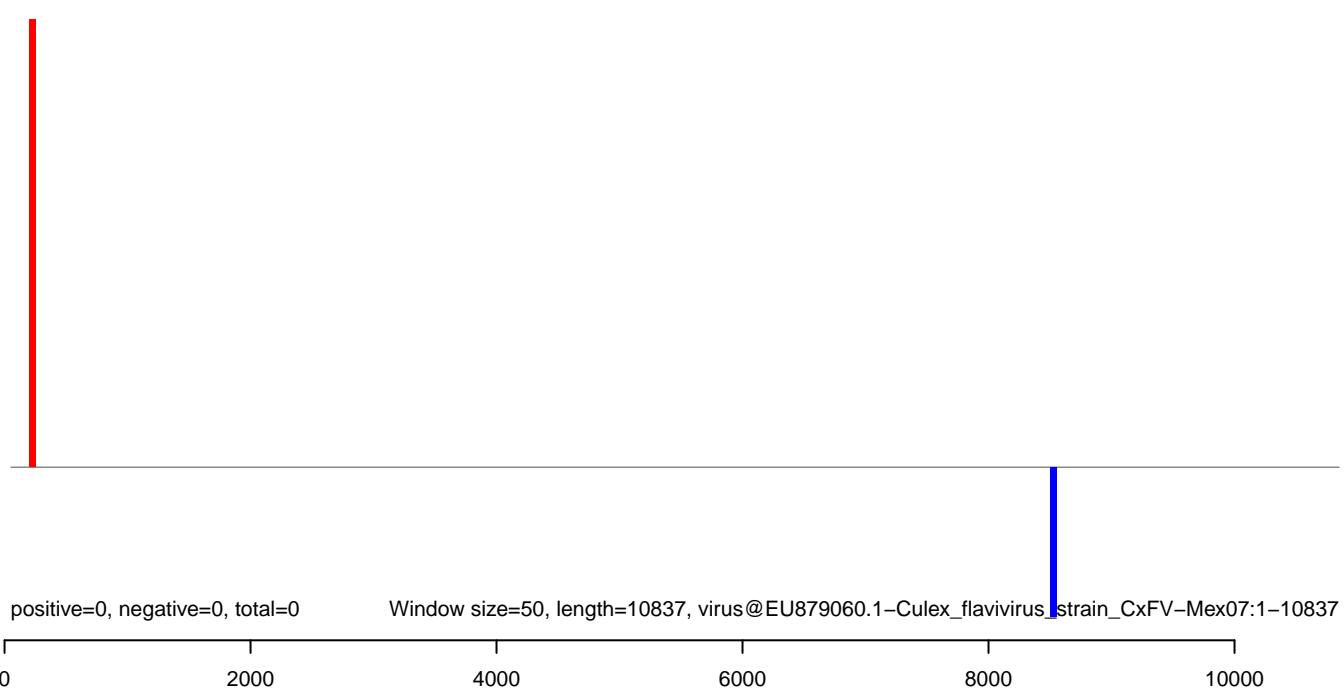
### AeAeg\_Ovary\_GH.18\_23.rep



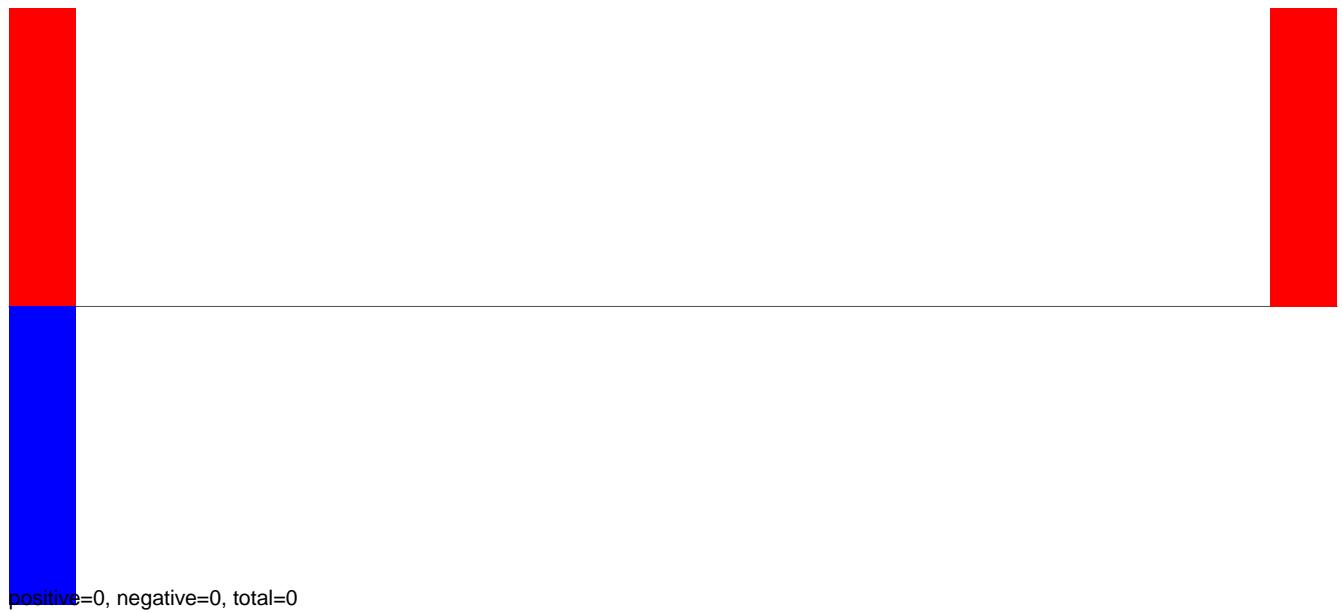
### AeAeg\_Ovary\_GH.24\_35.rep



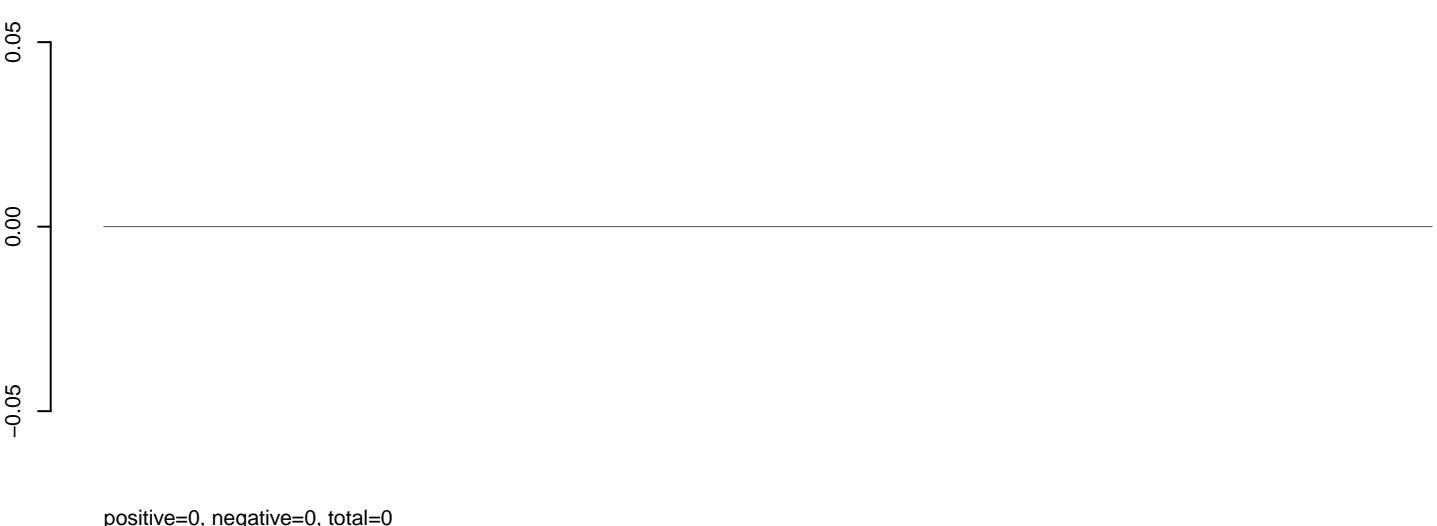
### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep

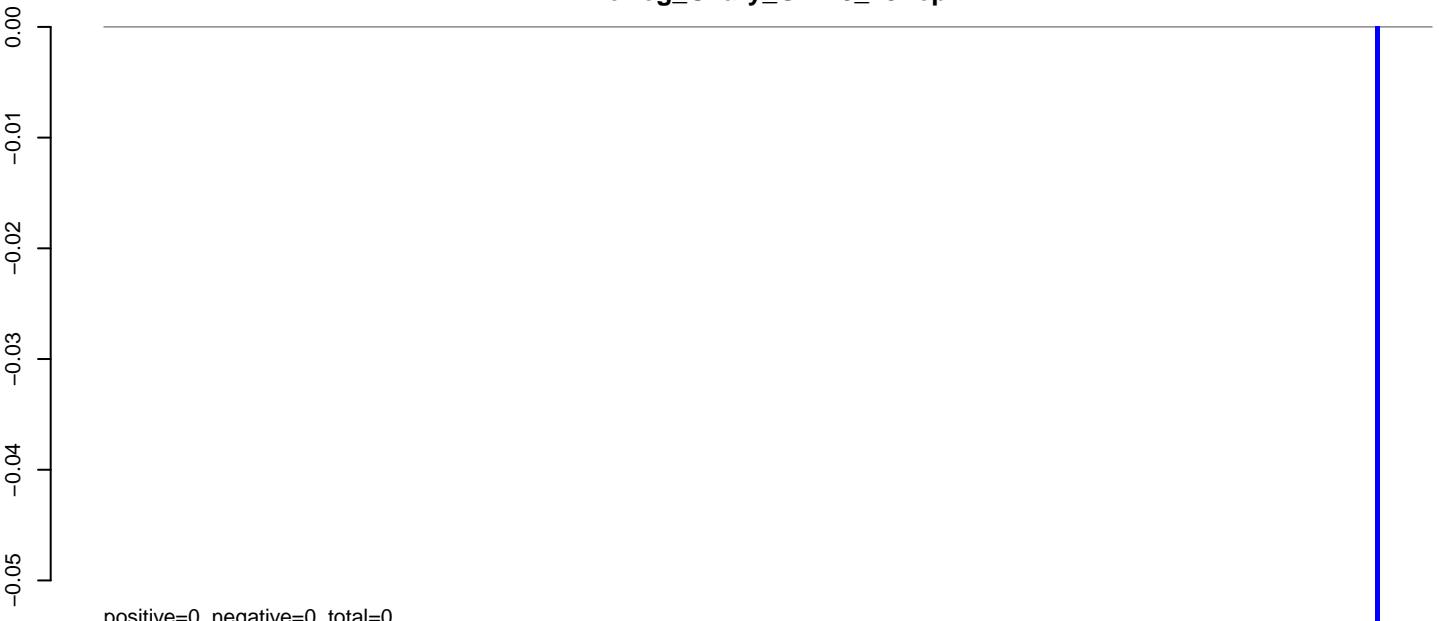


### AeAeg\_Ovary\_GH.rep

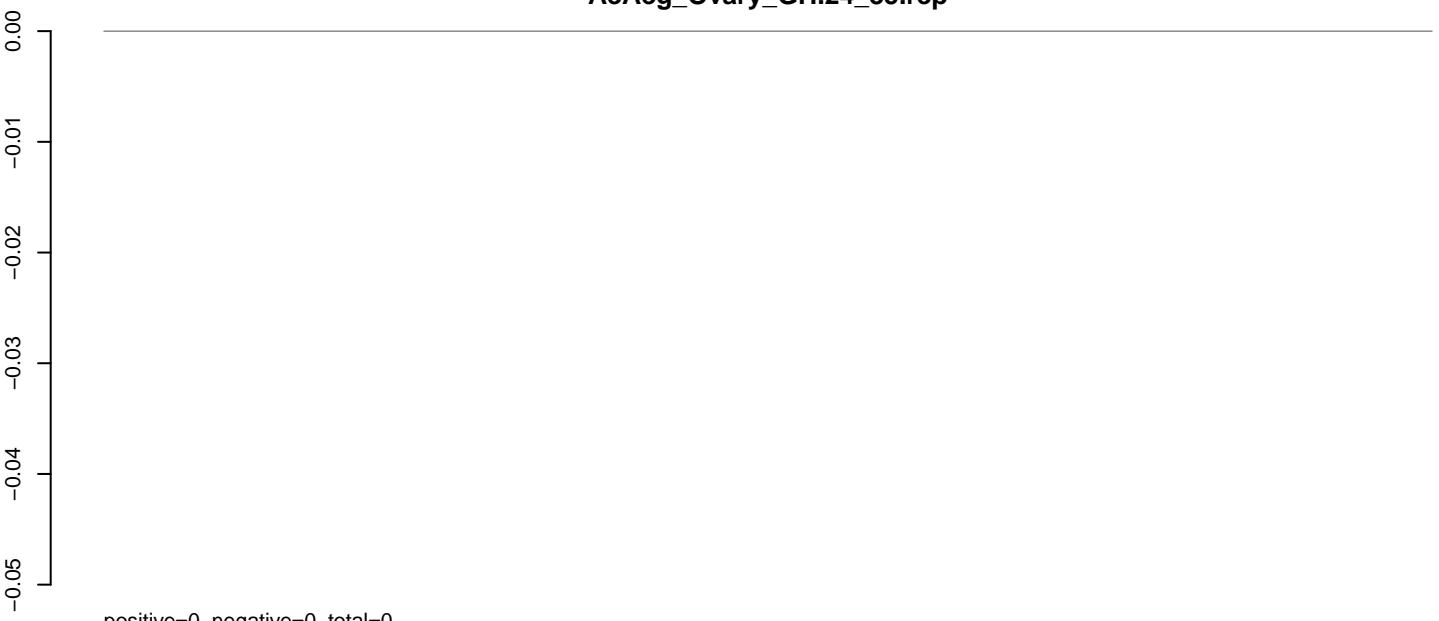


200 400 600 800 1000

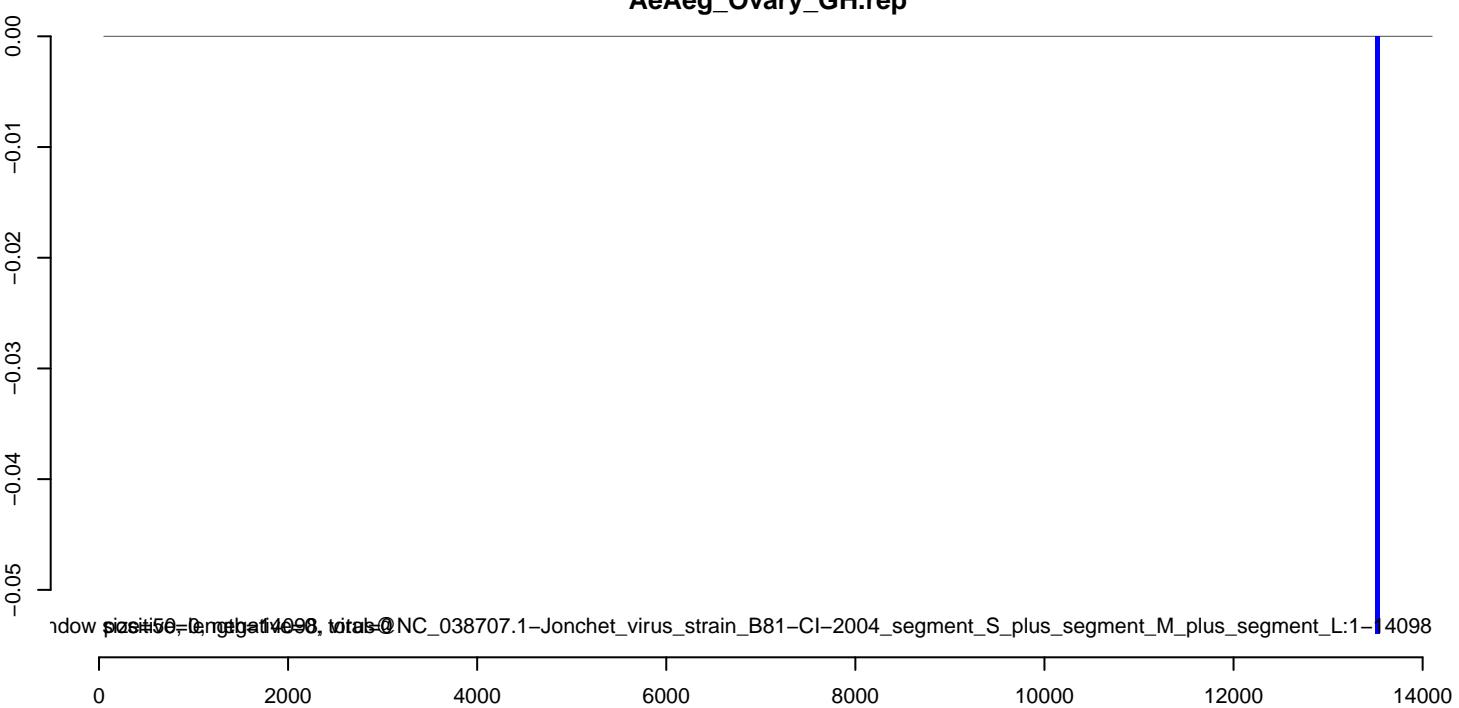
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

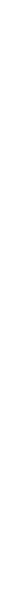
### AeAeg\_Ovary\_GH.rep

2099, positive=0, negative=0, total=0 Photal=Charoen-like\_virus\_isolate\_Rio\_segment\_S\_plus\_segment\_M\_plus\_segment\_L\_Nucleocapsid\_gene:1-12099

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0



0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

-50, length=10968 negative=0 positive=0 NQ084639.1-Nkolbisson\_virus\_nucleoprotein\_phosphoprotein\_matrix\_glycoprotein\_and\_polymerase\_genes:1-10968

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



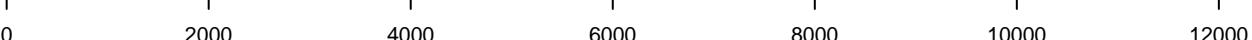
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

binjak positive=0, negative=0, total=0 phosphoprotein\_hypothetical\_protein\_matrix\_glycoprotein\_hypothetical\_proteins\_and\_polymerase\_genes:1-13155



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0  
roteirpositivehypothetical\_proteins\_matrix\_hypothetical\_proteins\_glycoprotein\_hypothetical\_proteins\_and\_polymerase\_genes:1-15721



0 5000 10000 15000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

size: 10853 positive: 0, negative: 0, total: 10853  
strain: AeAeg\_Ovary\_GH.rep  
accession: NC\_034535.1-Barur\_virus\_nucleoprotein\_phosphoprotein\_matrix\_glycoprotein\_and\_polymerase\_genes:1-10853

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

Manually reviewed: positive=0, negative=0, total=0

phosphoprotein\_hypothetical\_proteins\_matrix\_glycoprotein\_hypothetical\_protein\_and\_polymerase\_genes:1-13784

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

1322 positive@NC negative=0, total=0, Kilimo\_virus\_strain\_P05\_UG\_2008\_segment\_S\_plus\_segment\_M\_plus\_segment\_L\_nucleocapsid\_N\_gene:1-11322



### AeAeg\_Ovary\_GH.18\_23.rep

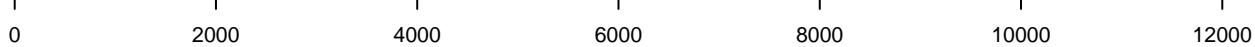
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

Ovary\_Creepitatus\_melanopterus\_tropicae\_phoprotein\_hypothetical\_proteins\_matrix\_glycoprotein\_hypothetical\_protein\_and\_polymerase\_genes:1-13205



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, window\_size=50, length=10293, virus@NC\_034018.1-Yaounde\_virus\_strain\_Dak\_Ar\_Y276\_polyprotein\_gene:1-10293

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, window size=50, length=10266, virus@NC\_033721.1-Meaban\_virus\_from\_France\_polyprotein\_gene:1-10266

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

virus size: 5000 length: 6873 virus @ NC\_0033327.1-Hubei\_chuvirus-like\_virus\_1\_strain\_QTM26249\_RNA-dependent\_RNA\_polymerase\_gene:1-6873

0 1000 2000 3000 4000 5000 6000 7000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

TM26698\_RNA-dependent\_RNA\_polymerase\_putative\_glycoprotein\_and\_hypothetical\_protein\_genes:1-11280

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0   Window size=50, length=11286, virus@NC\_031956.1-UNVERIFIED\_Balsa\_virus\_strain\_CoB\_84:1-11286

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

to\_Virus positive and negative ORF1\_ORF1\_ORF2\_ORF2\_ORF3\_ORF3\_glycoprotein\_G\_and\_RNA-dependent\_RNA\_polymerases\_genes:1-13706

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=14478, virus@NC\_028241.1-Yata\_virus\_isolate\_DakArB\_2181:1-14478

0

5000

10000

15000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

3.1 - positive=0, negative=0, total=0

polyprotein\_flavivirus\_polyprotein\_gene\_and\_truncated\_polyprotein\_flavivirus\_polyprotein\_gene\_genes:1-10284

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10125 virus@NC\_026620.1-Jutiapa\_virus\_strain\_JG-128:1-10125

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11220, virus@NC\_025399.1–Oak–Vale\_virus\_strain\_CSIRO\_1342:1–11220

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11876, virus@NC\_025395|1-Puerto\_Almendras\_virus\_isolate\_LO-39:1-11876



0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11096, virus@NC\_025376.1–Grass\_carp\_rhabdovirus\_V76:1–11096

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, window size=50, length=12240, virus@NC\_025362.1-Xiburema\_virus\_isolate\_XIBV\_BE\_AR\_362159:1-12240

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11097, virus@NC\_025356.1–Pike\_fry\_rhabdovirus\_isolate\_F4:1–11097

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11550, virus@NC\_024887.1-Middleburg\_virus\_isolate\_ArB-8422:1-11550

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



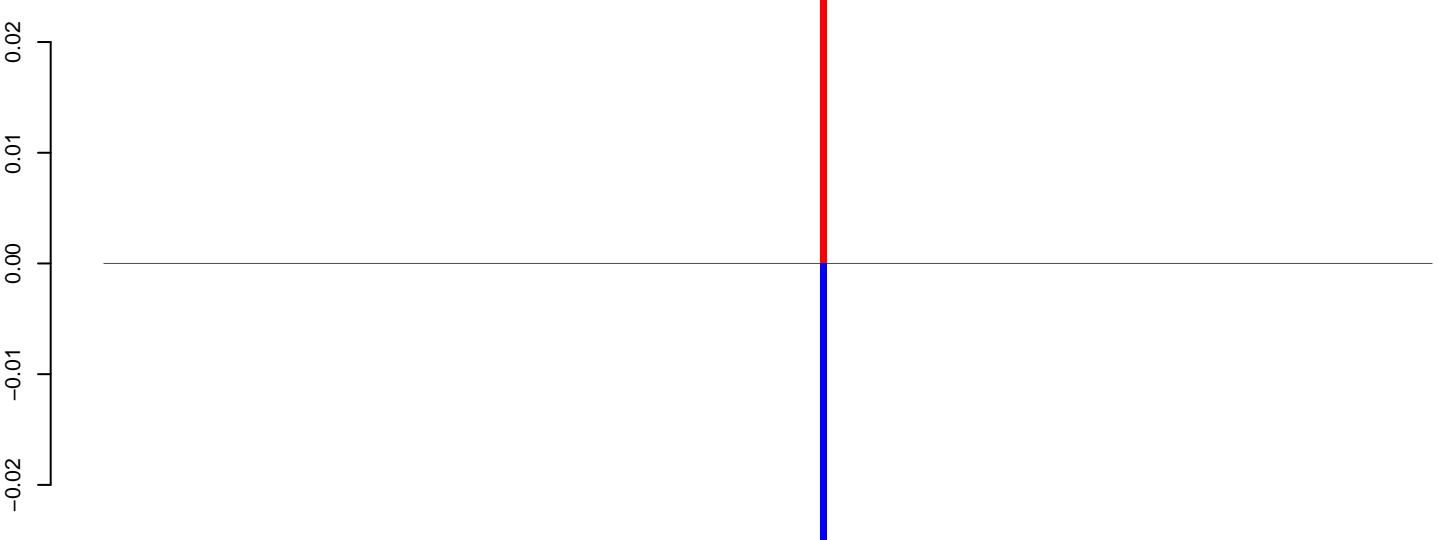
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, window size=50, length=10365, virus@NC\_024805.1-llomantsi\_virus\_isolate\_M0724\_polyprotein\_gene:1-10365

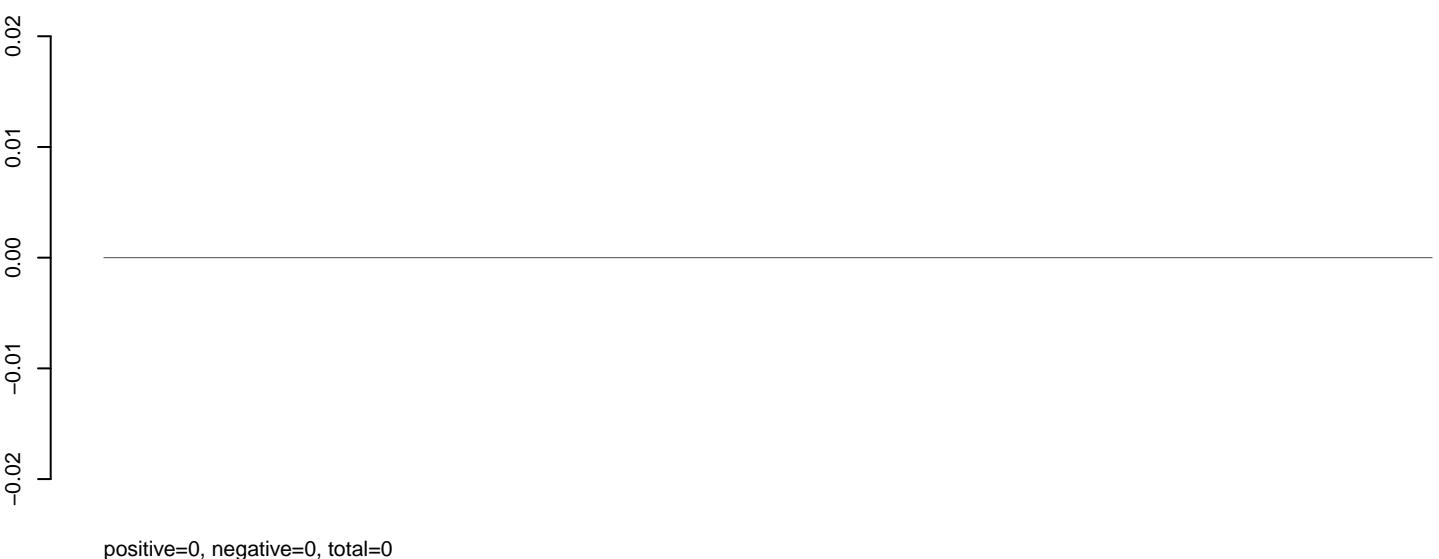


0 2000 4000 6000 8000 10000

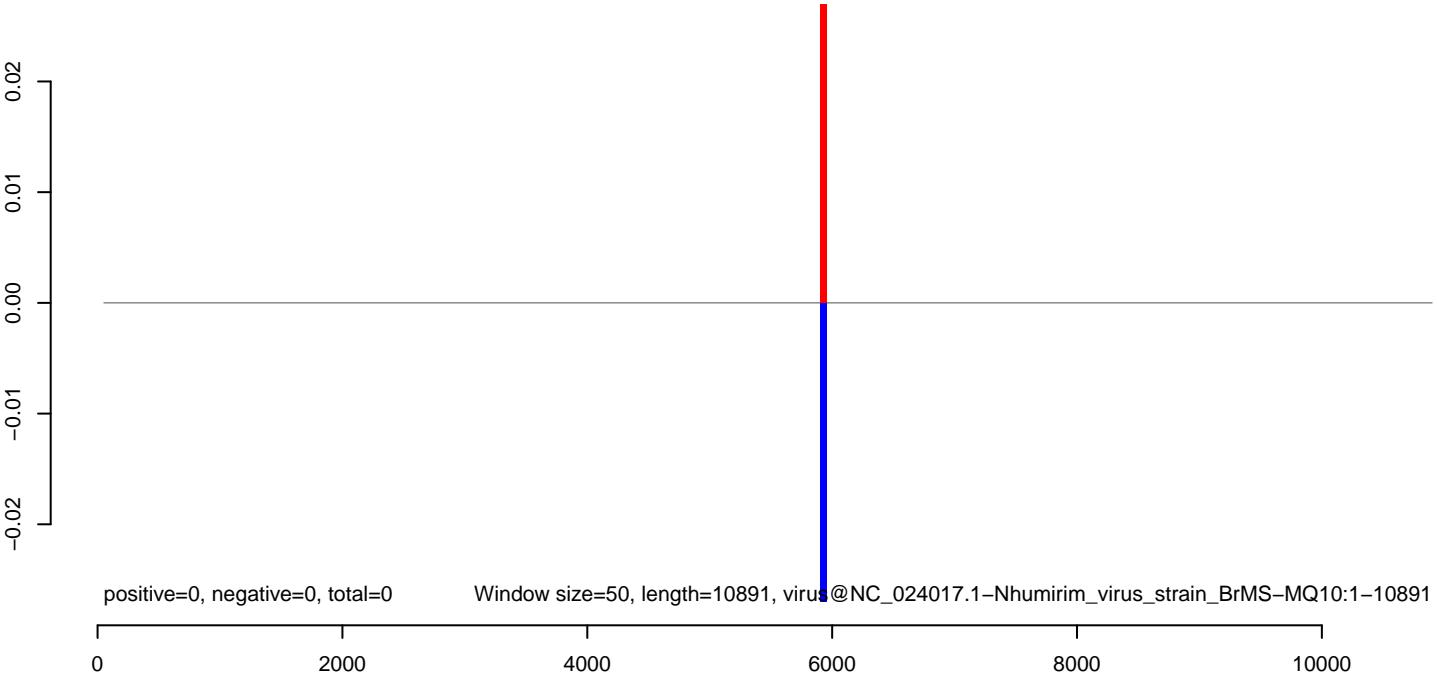
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



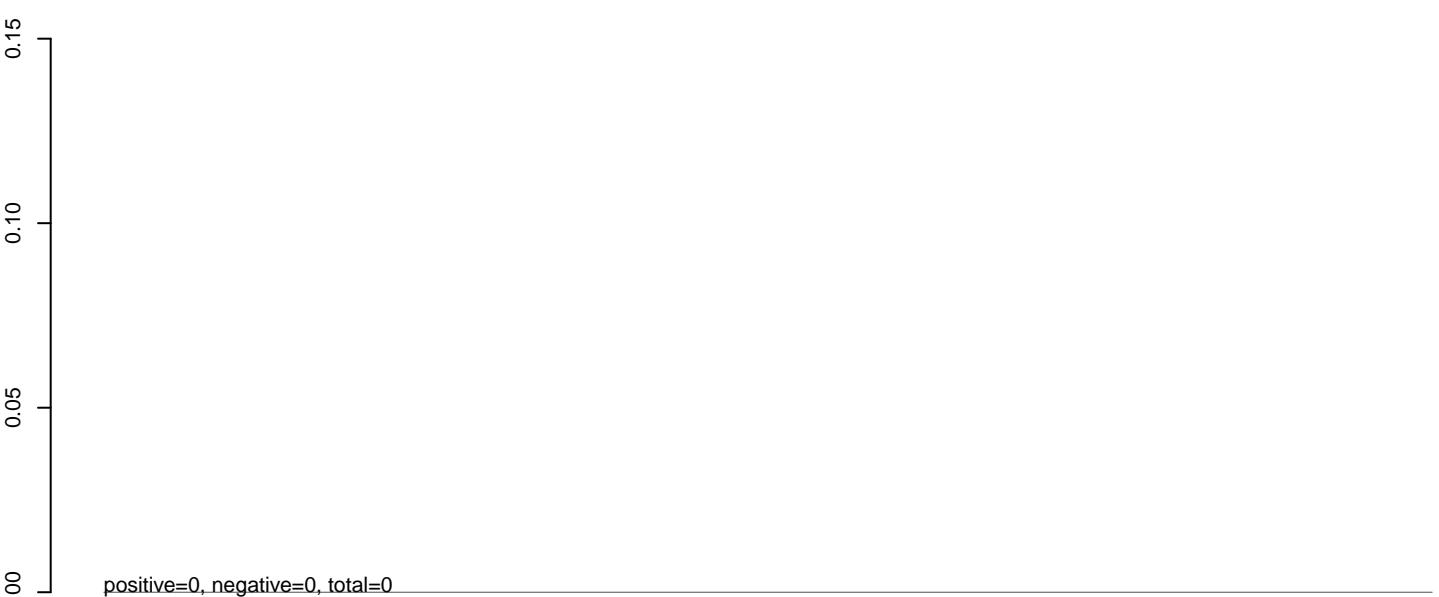
### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

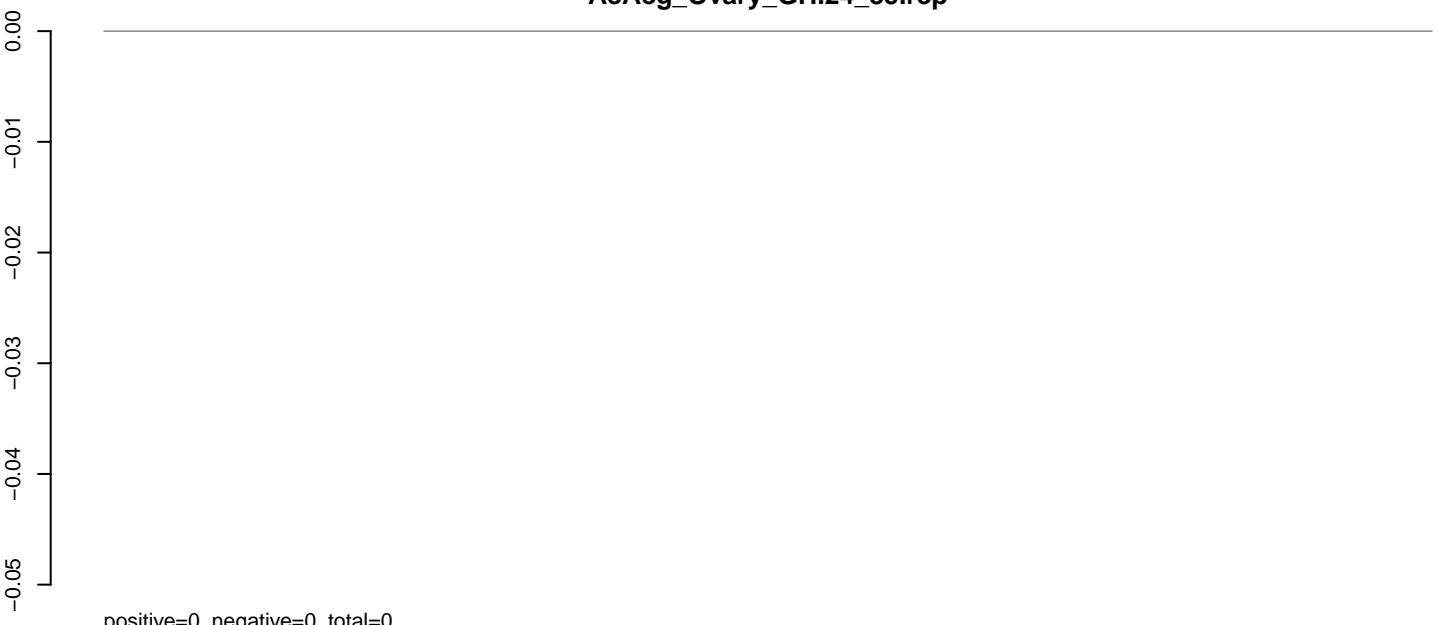
positive=0, negative=0, total=0, window size=50, length=10673, virus@NC\_023424.1-Tyuleny\_virus\_strain\_LEIV-6C\_polyprotein\_gene1-10673



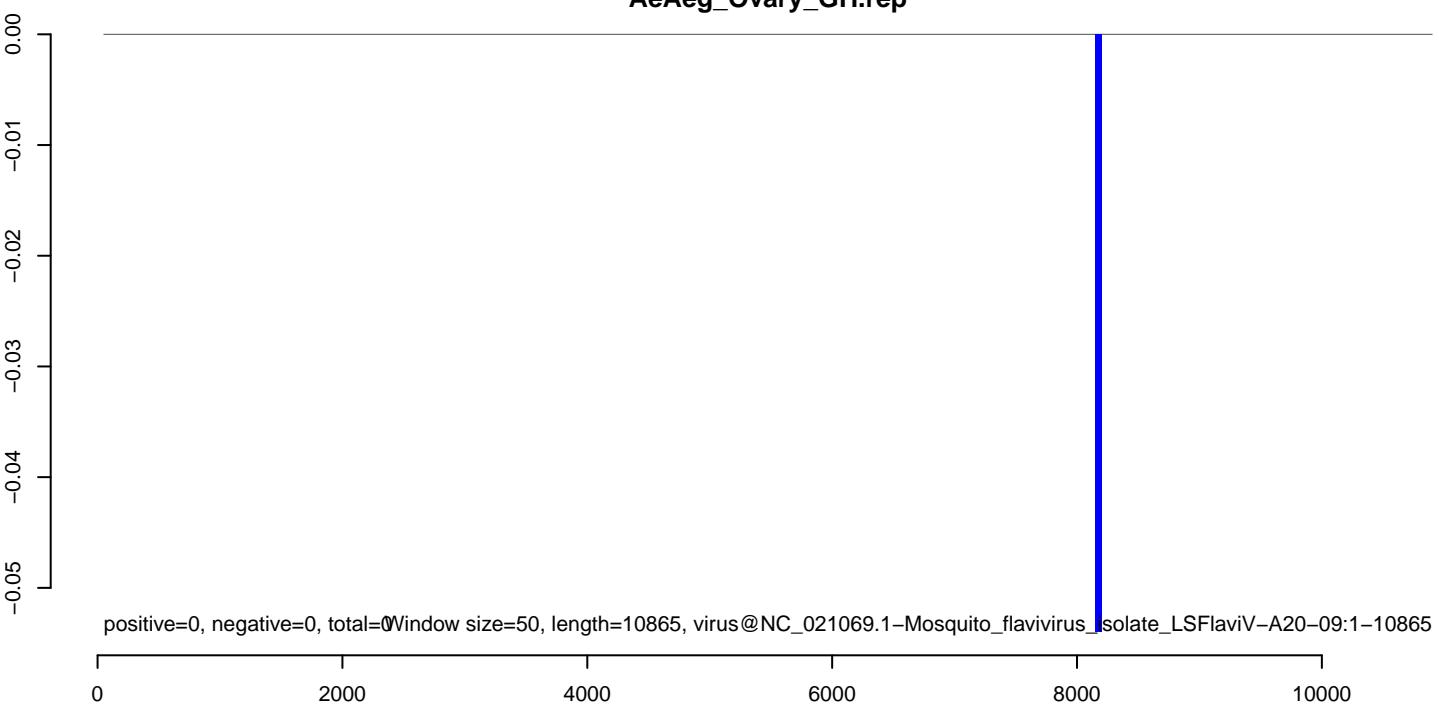
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11634, virus@NC\_018615.1-Eilat\_virus\_isolate\_EO329:1-11634



0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

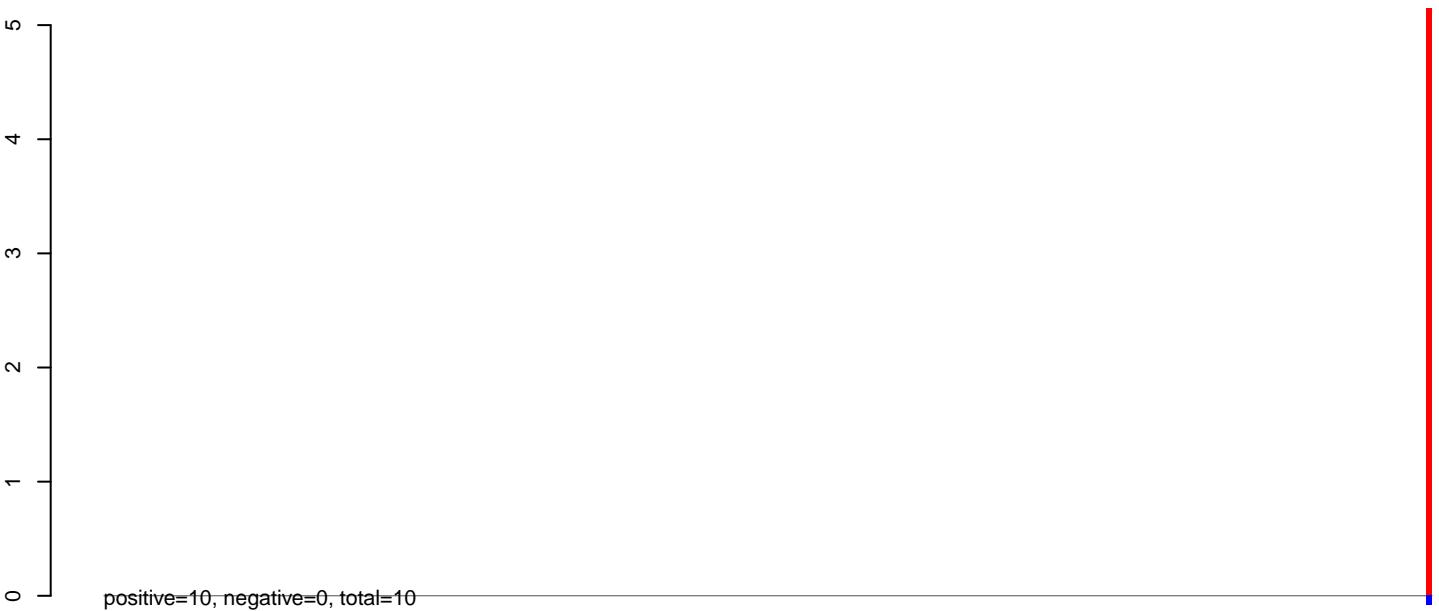
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

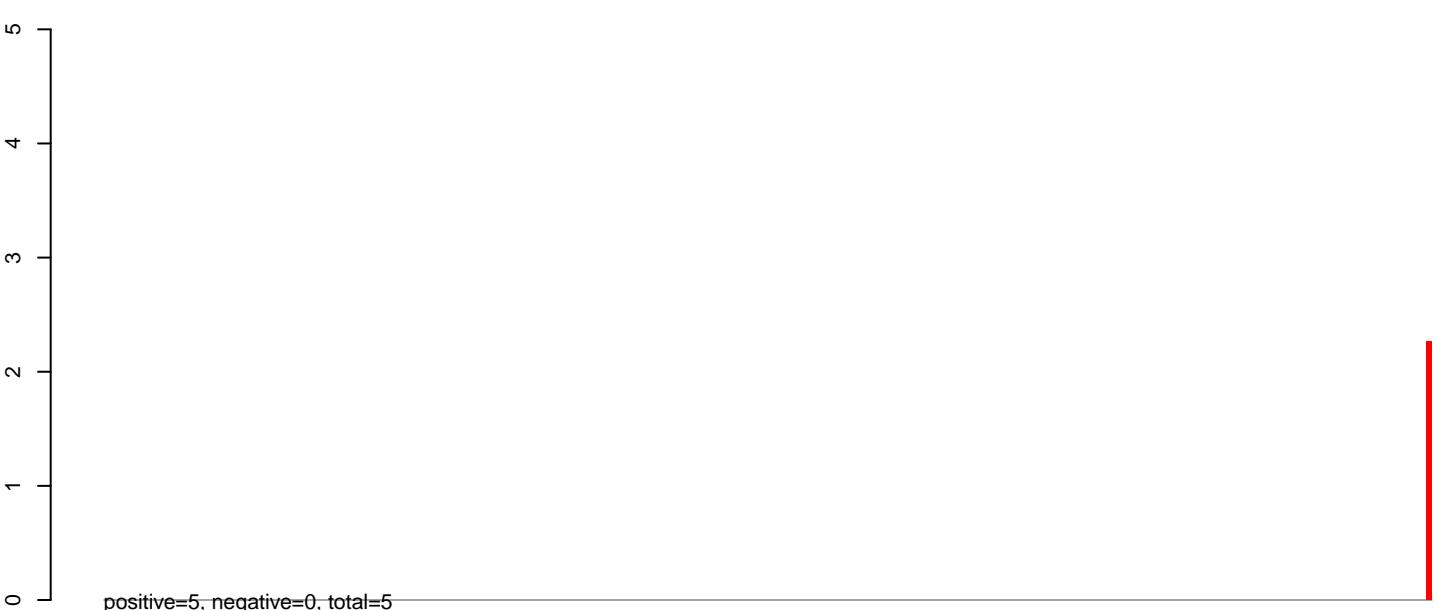
Window size=50, length=15867, virus@NC\_017714.1-Kotonkan\_virus:1-15867

0 5000 10000 15000

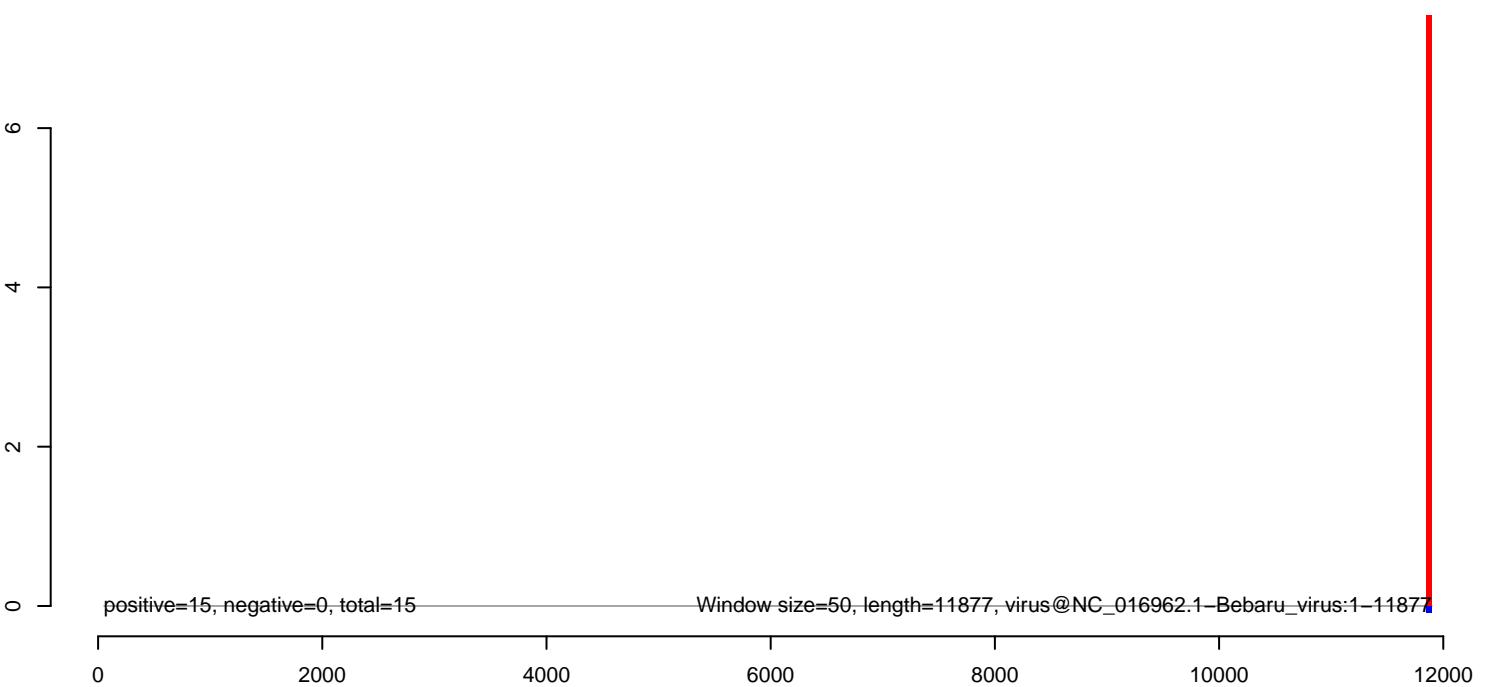
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



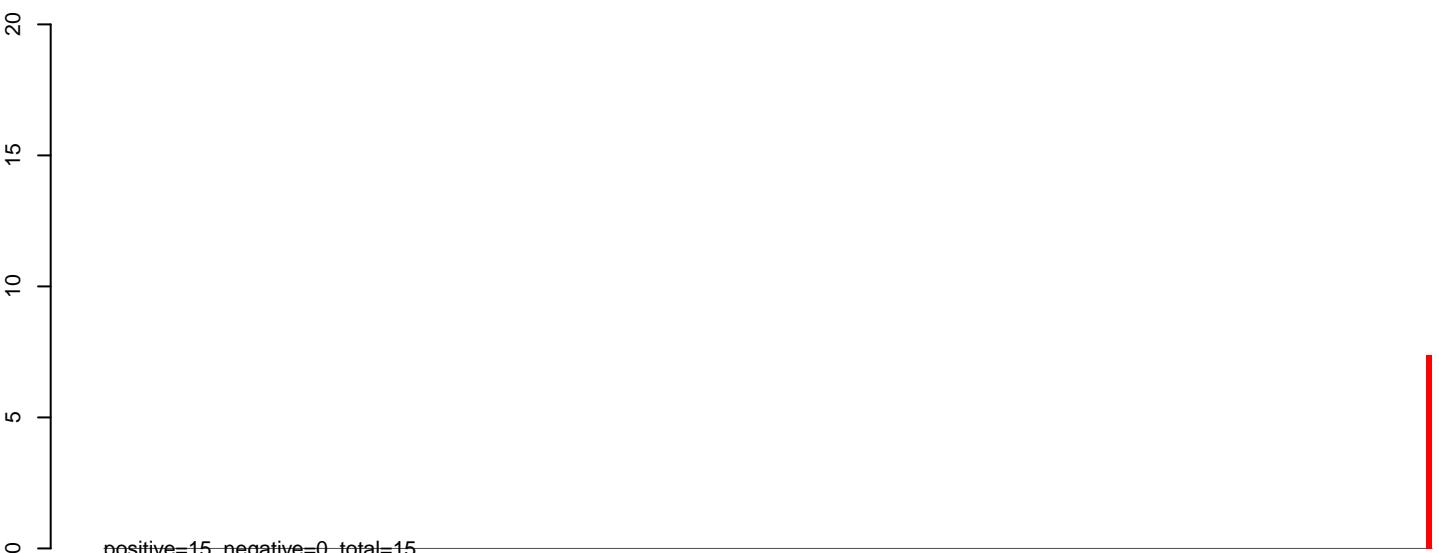
### AeAeg\_Ovary\_GH.rep



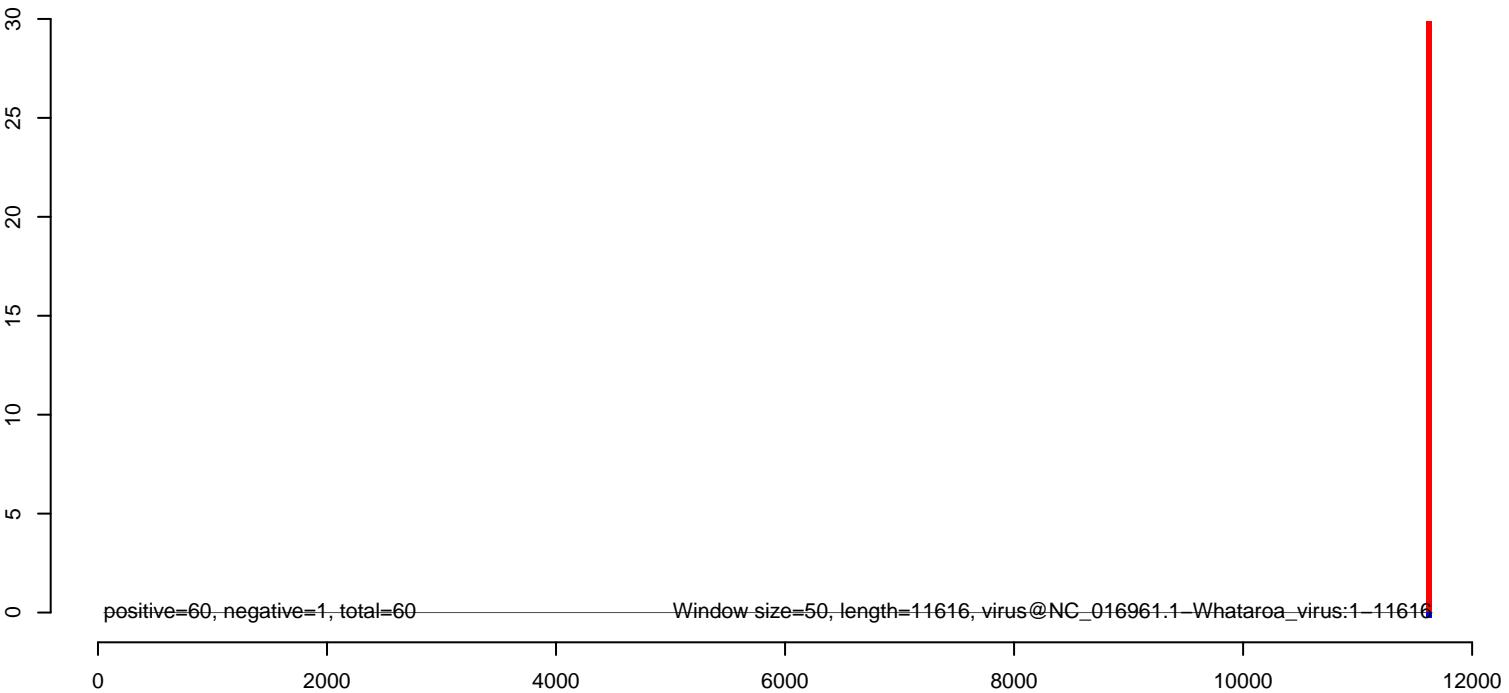
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0 1979, virus@NC\_014395.1-Rift\_Valley\_fever\_virus\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-11979

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

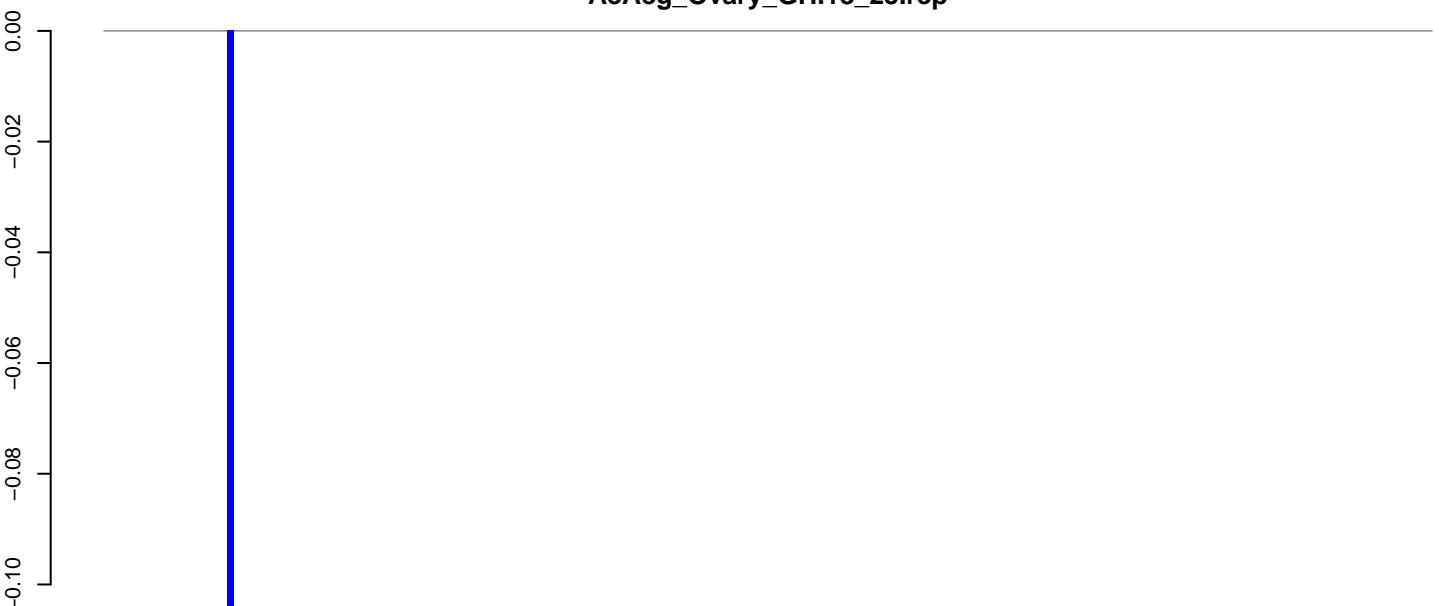
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

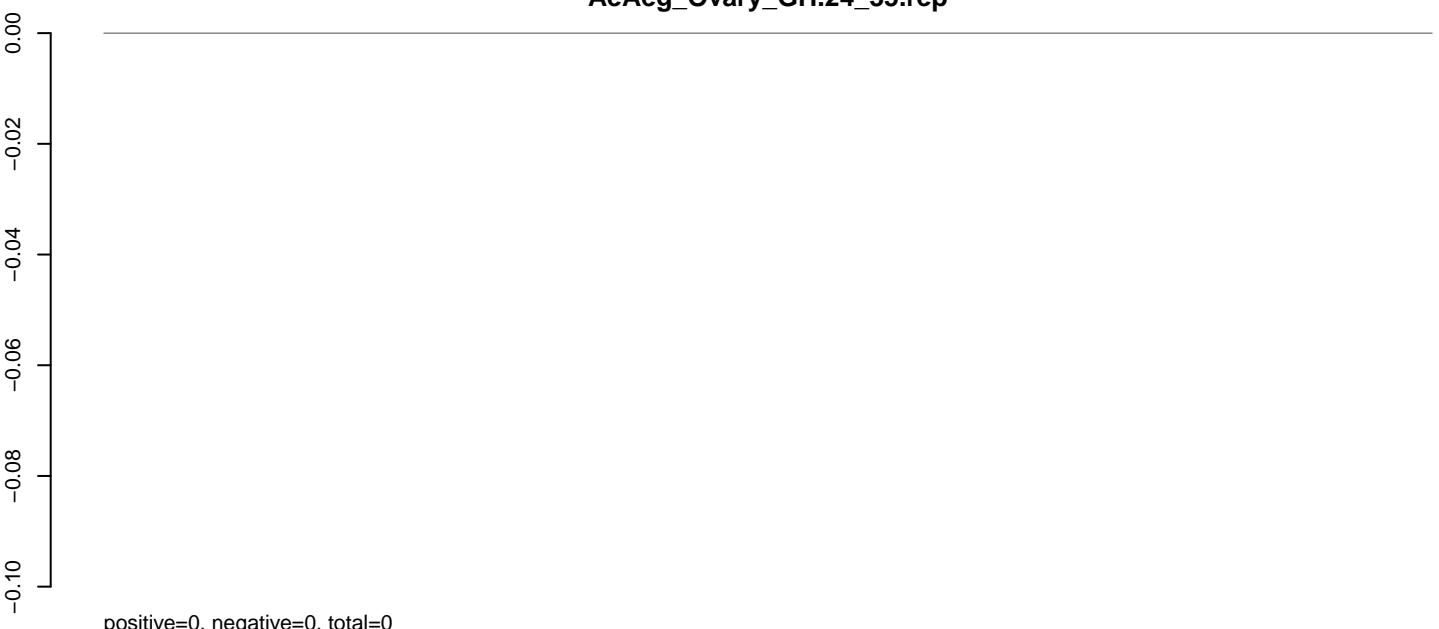
Window size=50, length=10941, virus@NC\_012534.1-Bagaza\_virus:1-10941



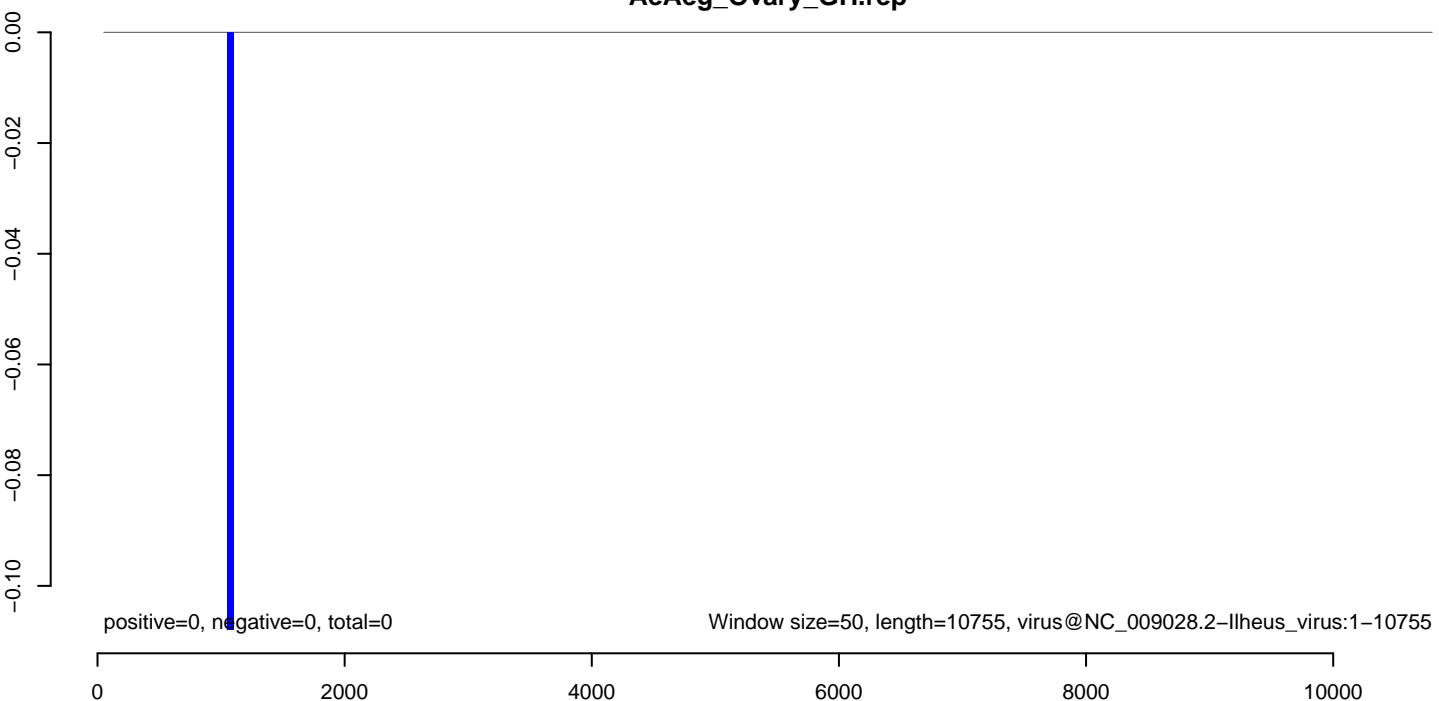
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11066, virus@NC\_006551.1–Usutu\_virus:1–11066

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=1, negative=0, total=1

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=1, negative=0, total=1

Window size=50, length=11826, virus@NC\_004162.2-Chikungunya\_virus:1-11826

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11484, virus@NC\_003908.1-Western equine encephalomyelitis virus:1-11484

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11824, virus@NC\_003900.1-Aura\_virus:1-11824

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11675, virus@NC\_003899.1-Eastern equine encephalitis virus:1-11675

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10943, virus@NC\_003690.1–Langat\_virus:1–10943

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10839, virus@NC\_003687.1–Powassan\_virus1–10839

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10140, virus@NC\_003675.1–Rio\_Bravo\_virus\_genome:1–10140

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11019, virus@NC\_002803.1-Spring\_viraemia\_of\_carp\_virus:1-11019

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

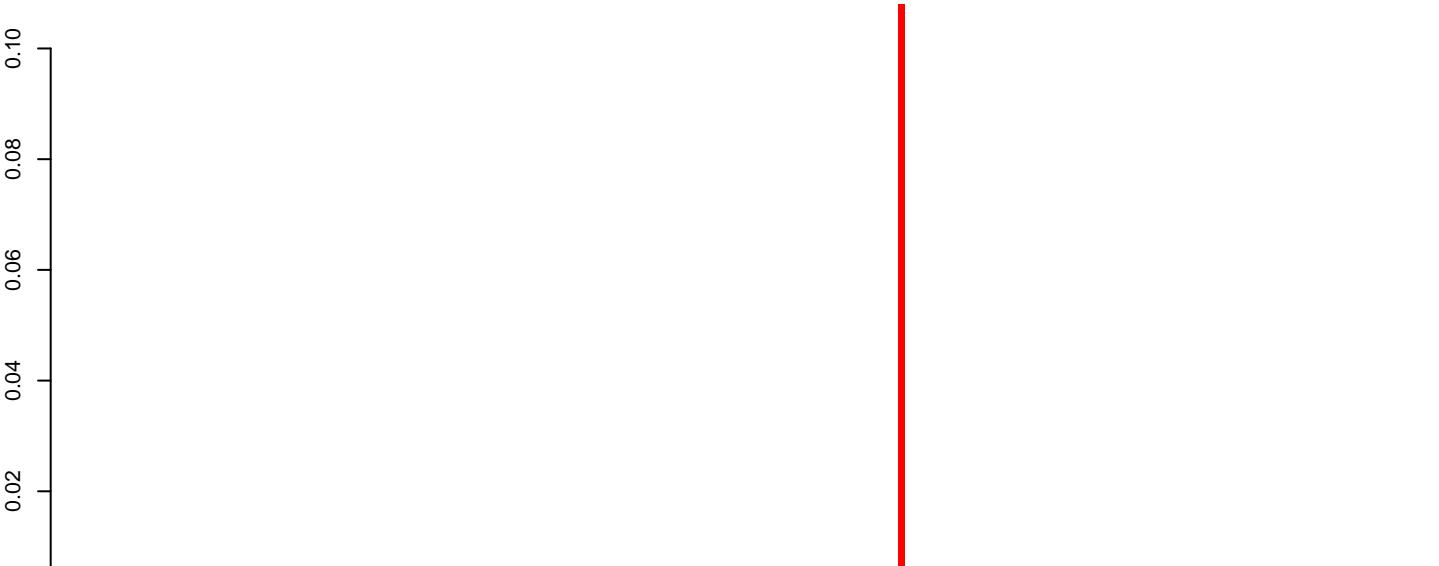
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11488, virus@NC\_001786.1-Barmah\_Forest\_virus:1-11488

0 2000 4000 6000 8000 10000

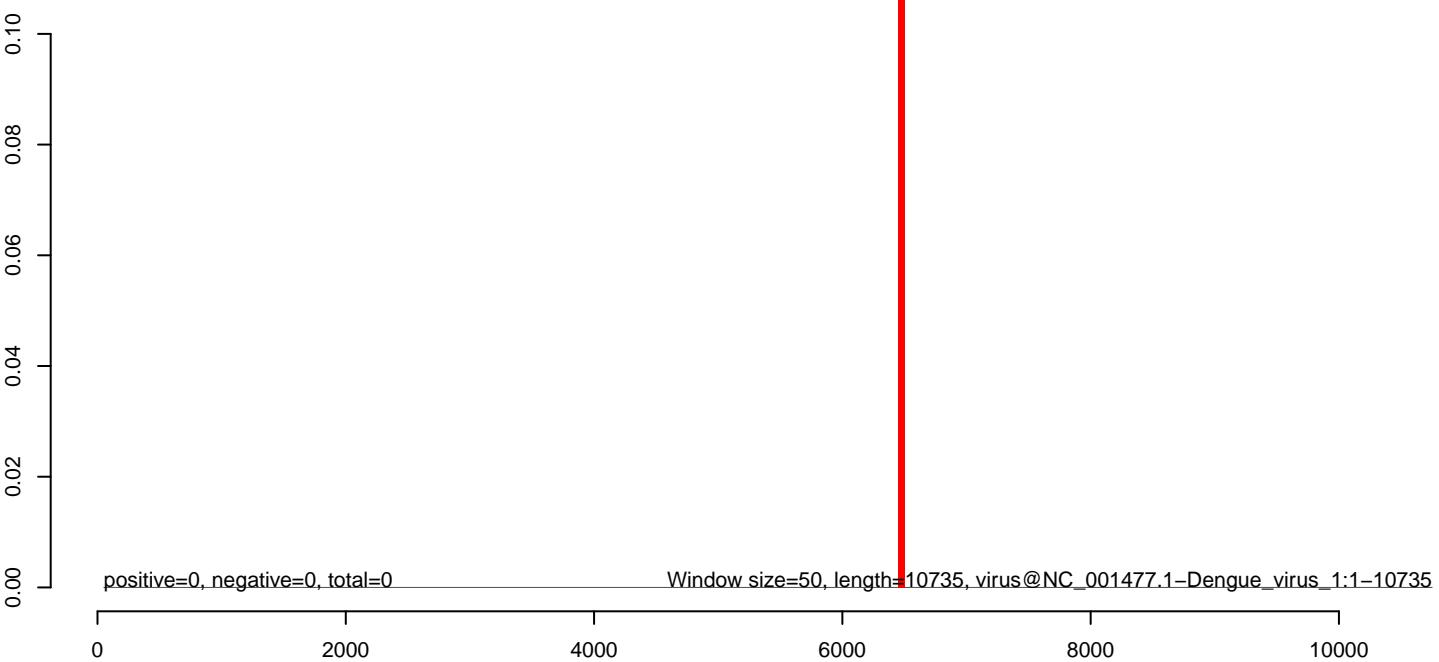
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



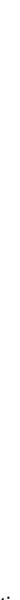
### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10976, virus@NC\_001437.1-Japanese\_encephalitis\_virus\_genome:1-10976



0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

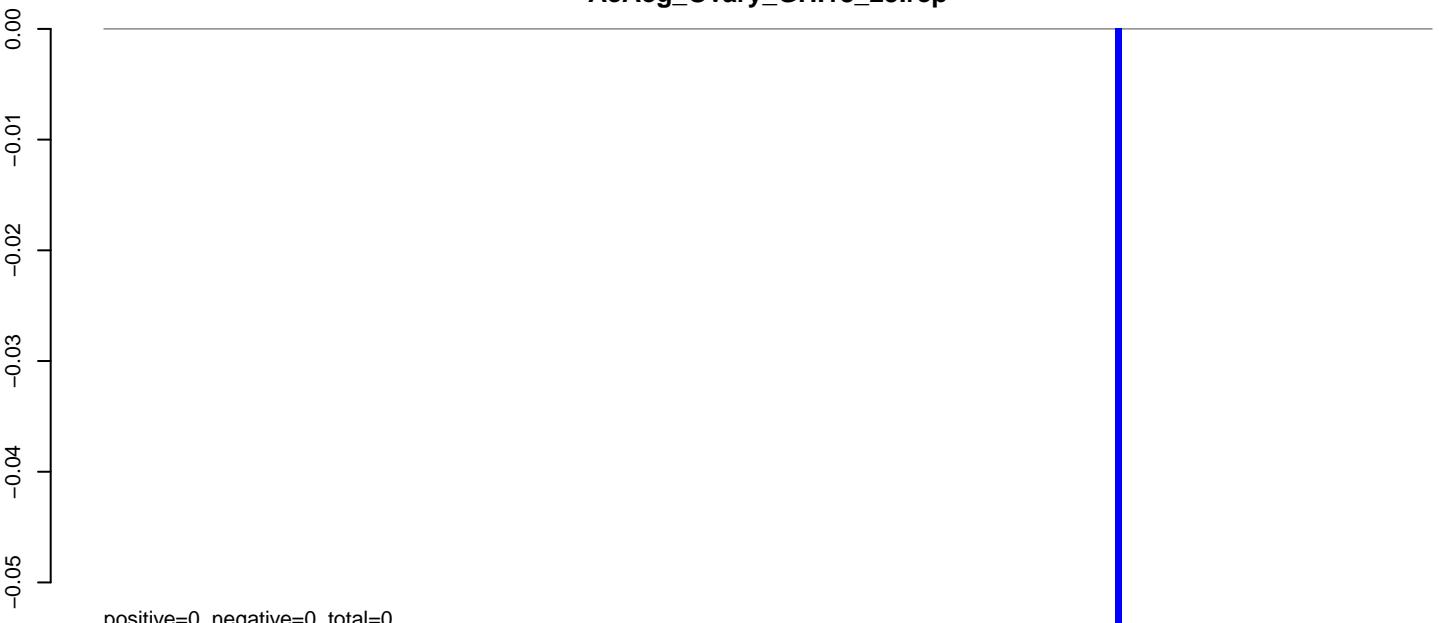
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

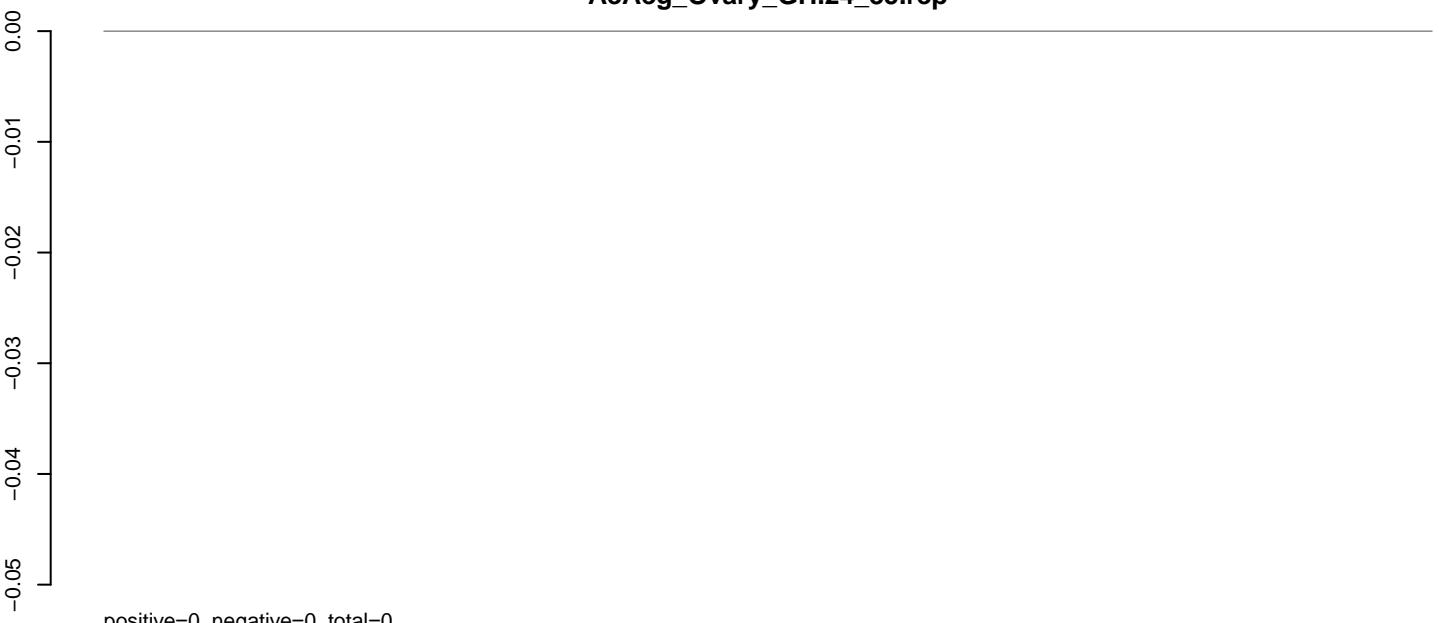
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, size=50, length=13297, virus@MF176298.1-Culex\_mononega-like\_virus\_2\_strain\_mos191gb23464:1-13297

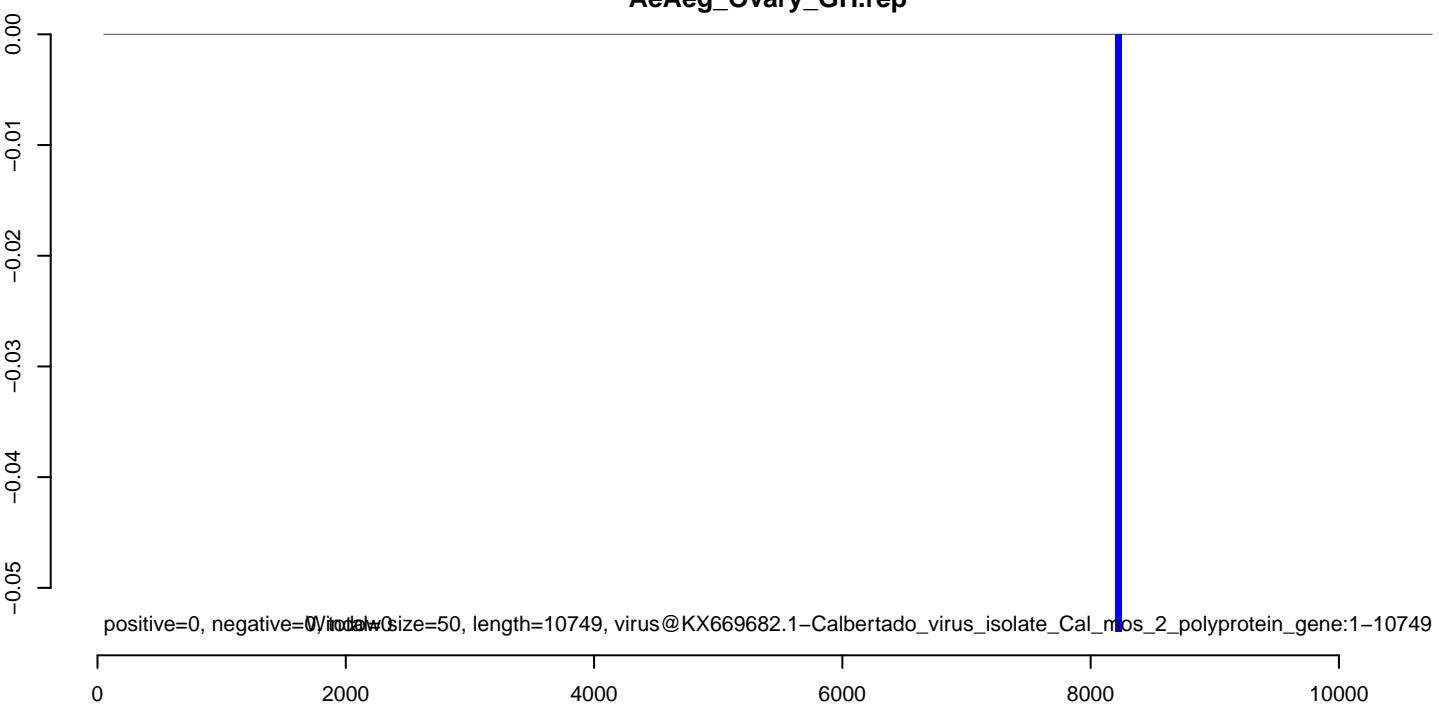
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



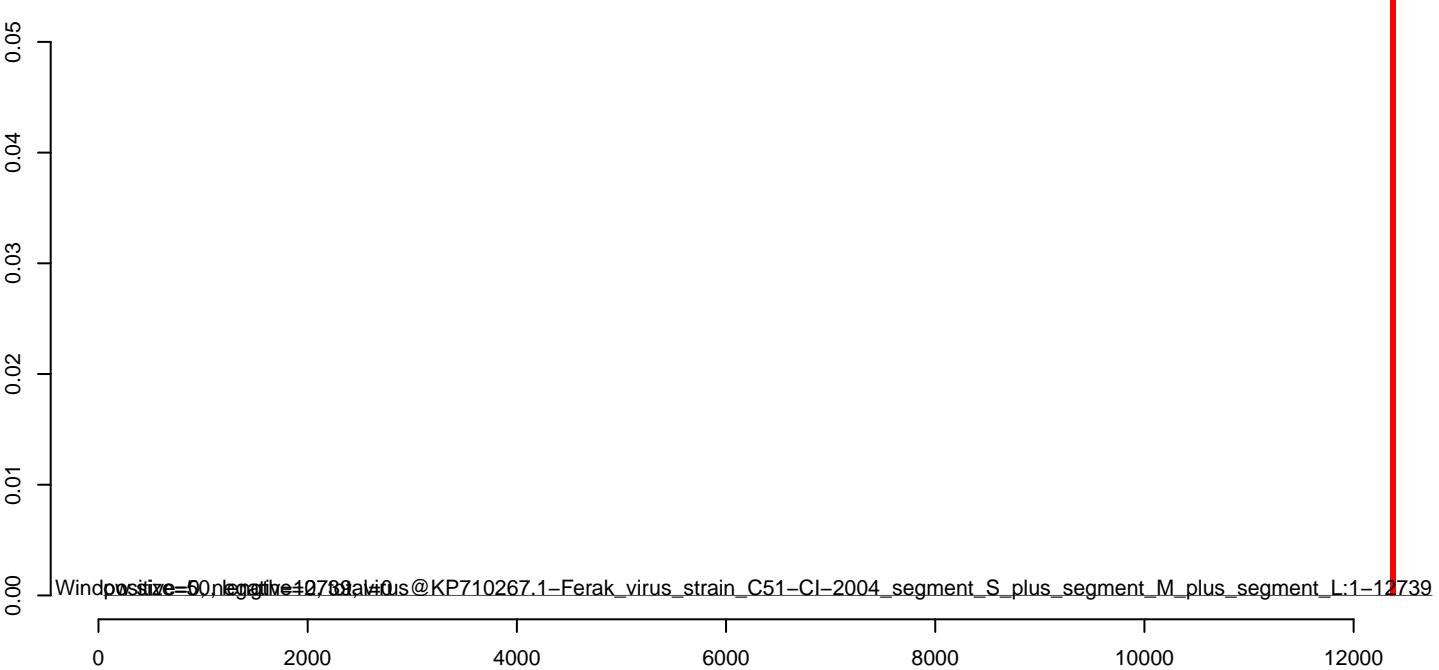
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10735, virus@KM225265.1-Torres\_virus\_strain\_TS5273:1-10735



0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10560, virus@KM225263.1-Stratford\_virus\_strain\_C338:1-10560

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

negative-associated\_Quegues\_isolated\_hc\_1.1\_segment\_1\_RNA-dependent\_RNA\_polymerase-like\_protein\_and\_hypothetical\_proteins\_genes:1-3601



0 500 1000 1500 2000 2500 3000 3500

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

Vir positive size 250 length = 12297 Virus @ KC608151.1 - Ilesha\_virus\_strain\_ILESHA\_8e\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12297

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

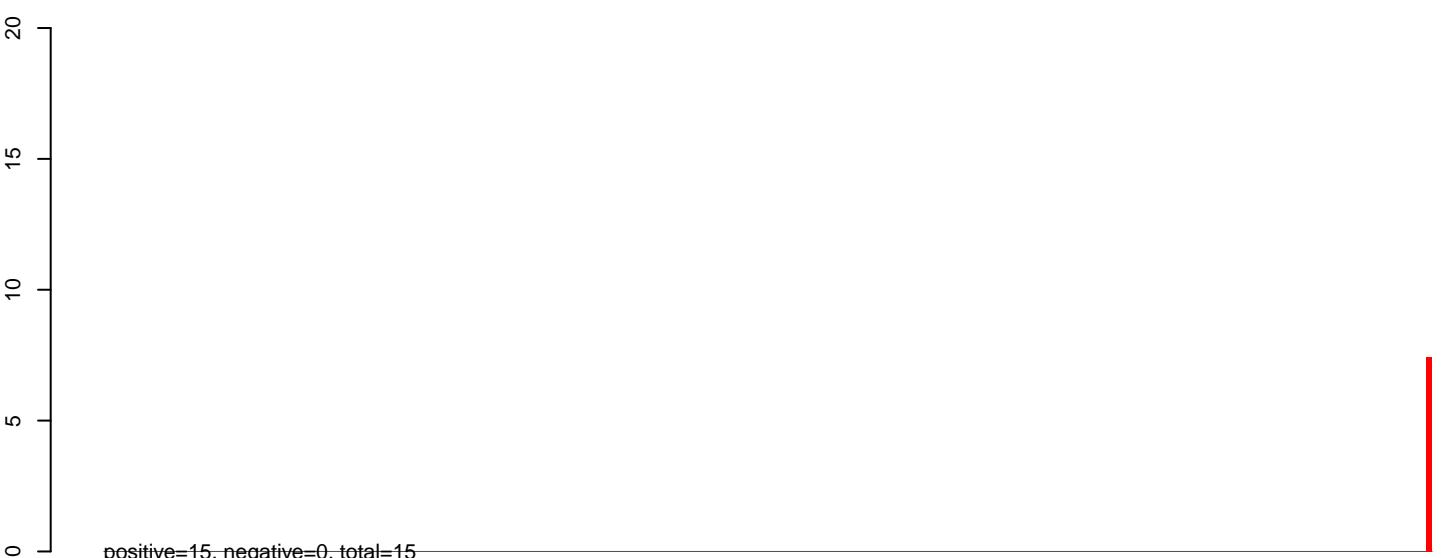
low sensitivity debugging 2024.01.10 0x853181.1-Schmallenberg\_virus\_isolate\_Germany\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12094

0 2000 4000 6000 8000 10000 12000

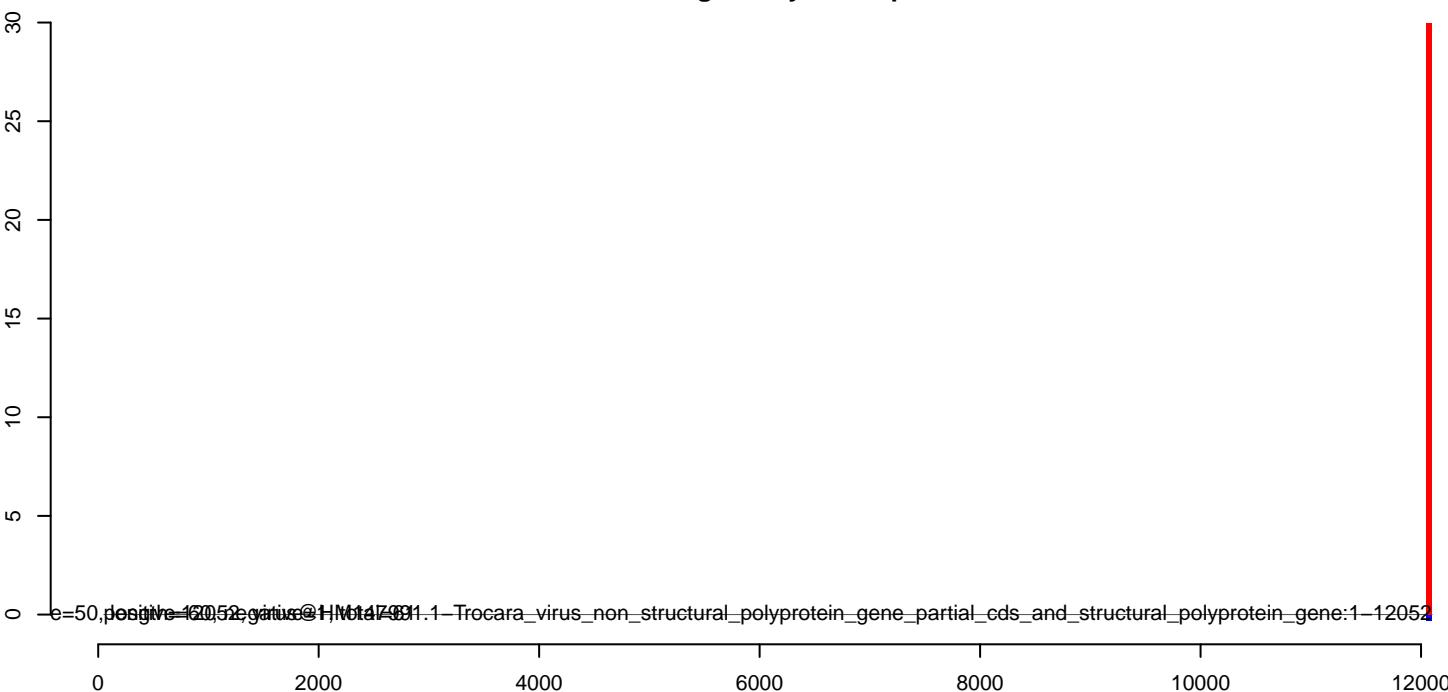
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, wsize=50, length=10254, virus@DQ235149.1-Royal\_Farm\_virus\_from\_Afghanistan\_polyprotein\_gene:1-10254

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

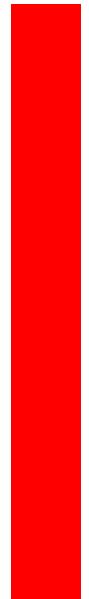
positive=0, negative=0, total=0

Window size=50, length=10922, virus@AY632538.4–Iguape\_virus\_strain\_SPAn\_71686:1–10922

0 2000 4000 6000 8000 10000

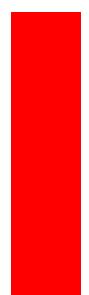
### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

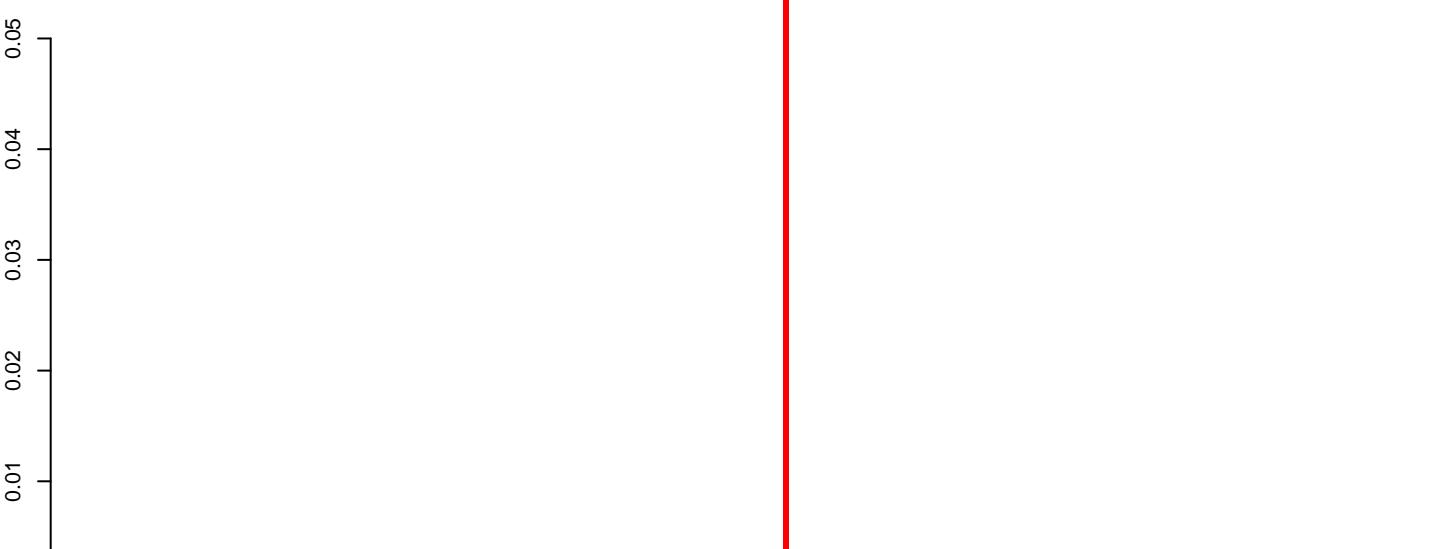


### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=50, length=972, virus@AF411844.1-Elaeis\_guineensis\_MADS\_box\_transcription\_factor\_AGL2-2\_mRNA-1-972



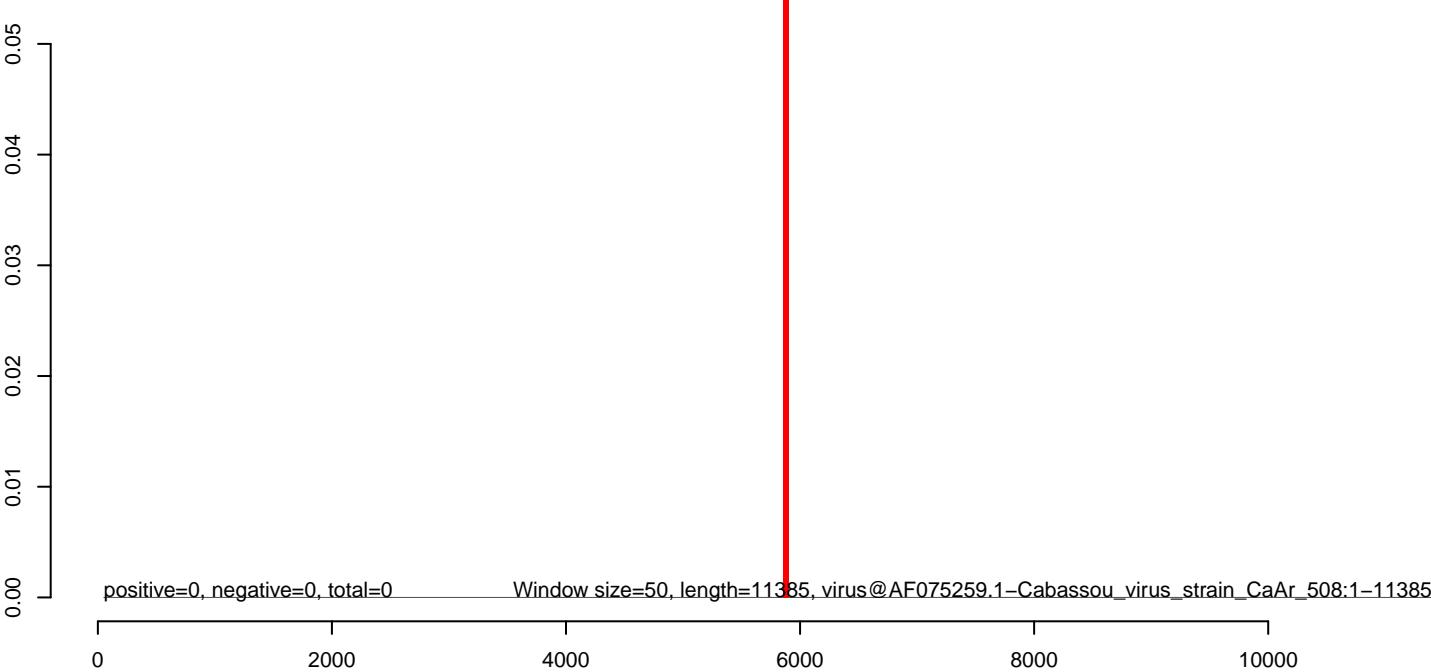
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11465, virus@AF075257.1-Mosso\_das\_Pedras\_virus:1-11465

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11530, virus@AF075254.1-Tonate\_virus\_strain\_Tonate\_CaAn\_410d:1-11530

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

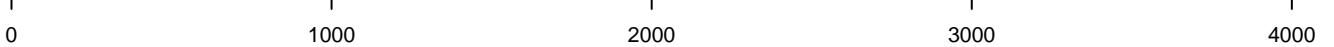
positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=4176, Virus@X74945.1-Aedes\_albopictus\_densovirus\_2\_DNA:1-4176



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0  
Position: 0 size: 5000 length: 3937, Virus@MH550148.1-Aedes\_albopictus\_densovirus\_isolate\_NC01\_L3\_1\_trimmed\_contig\_5889-RC:1-3937



0 1000 2000 3000 4000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0



### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0 Window size=50, length=3978, Virus@M37899.1-Aedes\_aegypti\_densovirus\_1\_genomic\_sequence:1-3978



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

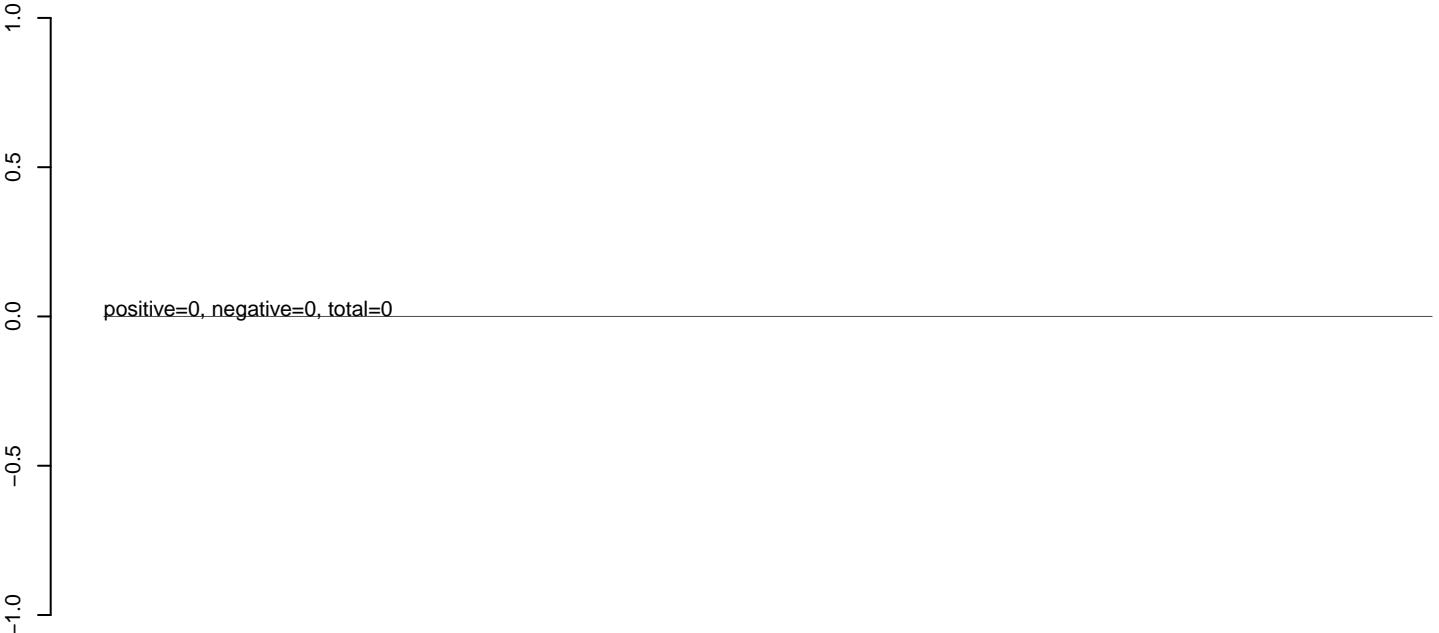
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

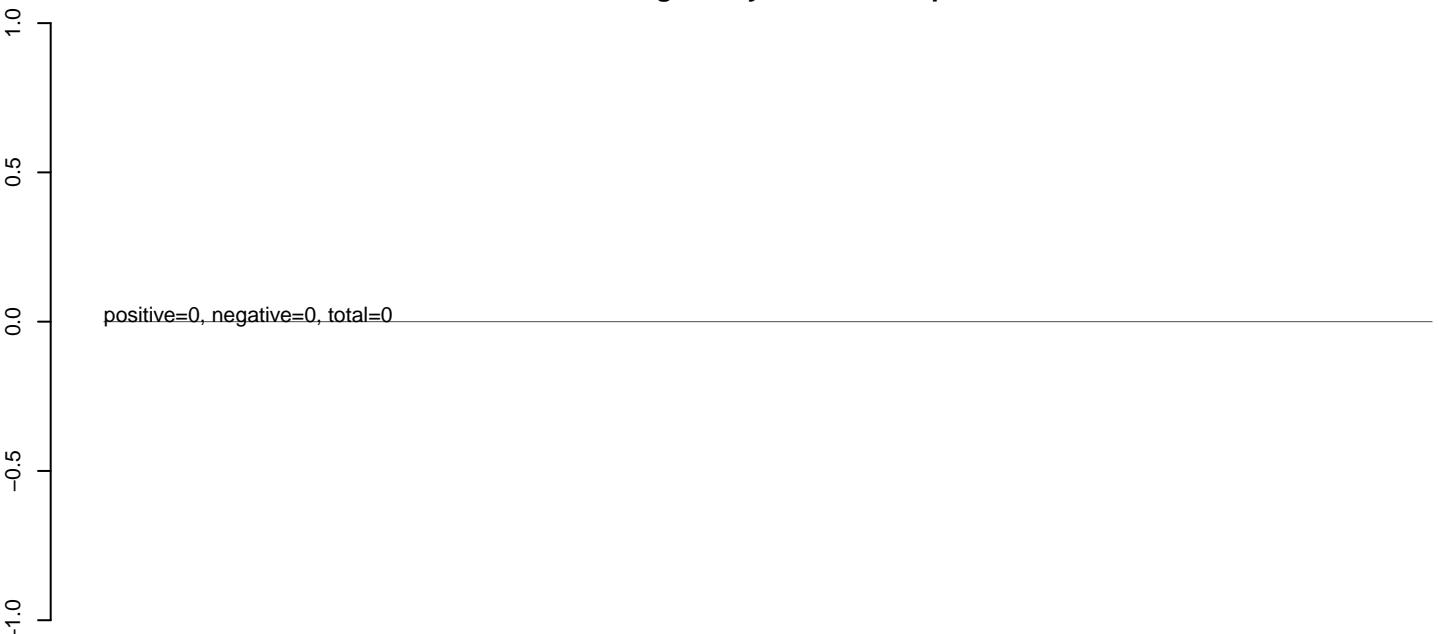
positive=0, negative=0, total=60, length=19208, virus@X12819.1-Bluetongue\_virus\_gene\_for\_capsid\_protein\_VP1\_genomic\_RNA:1-19208

0 5000 10000 15000 20000

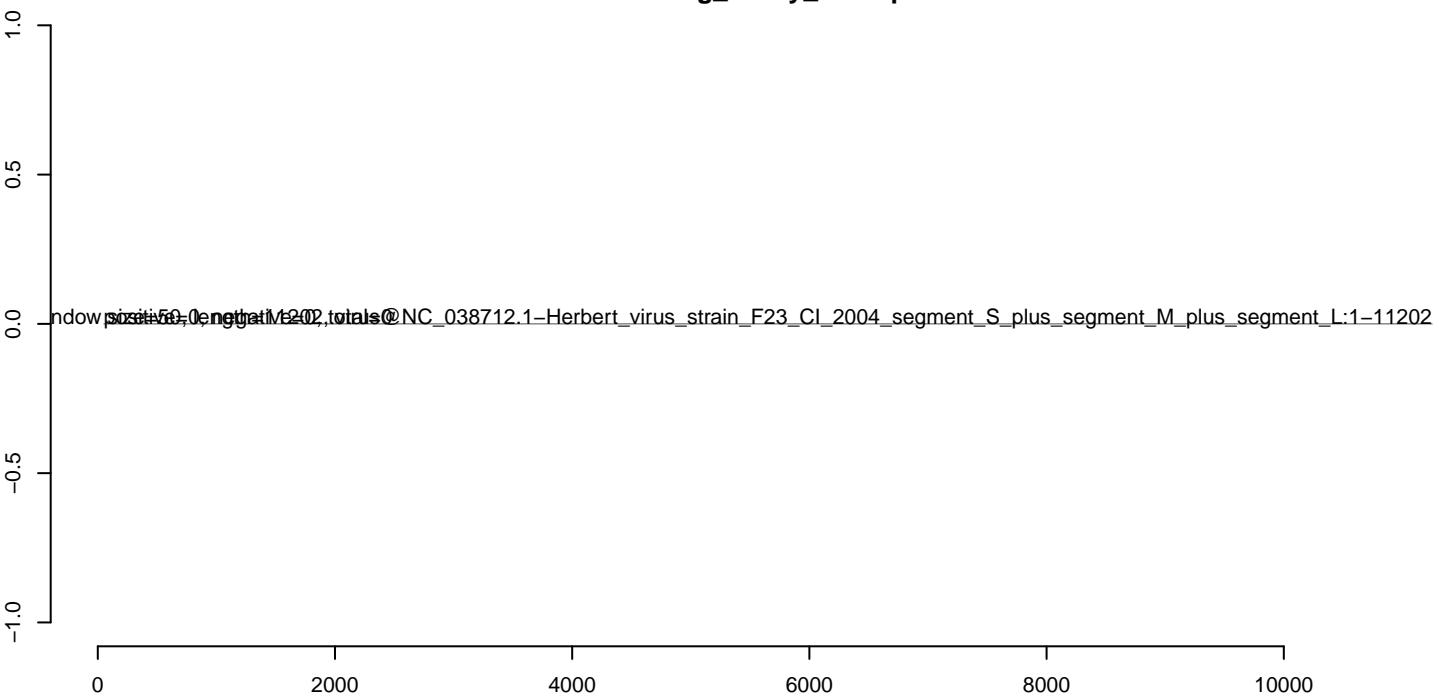
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

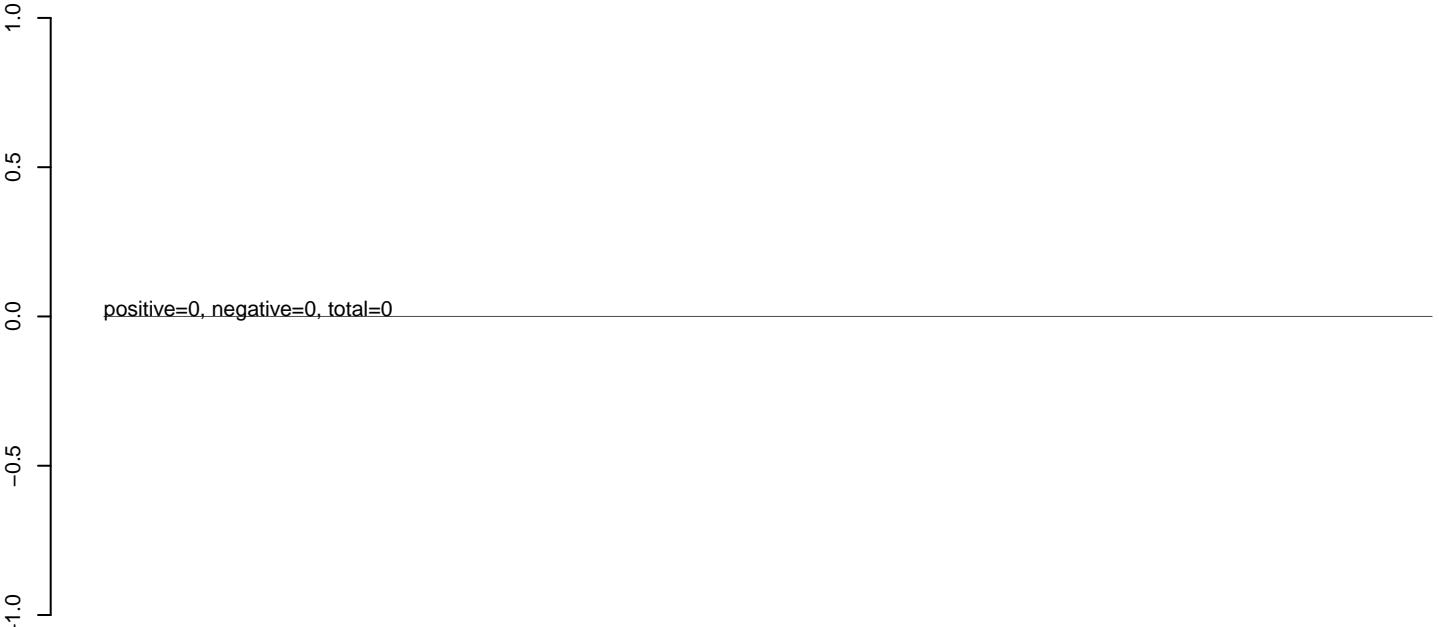
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

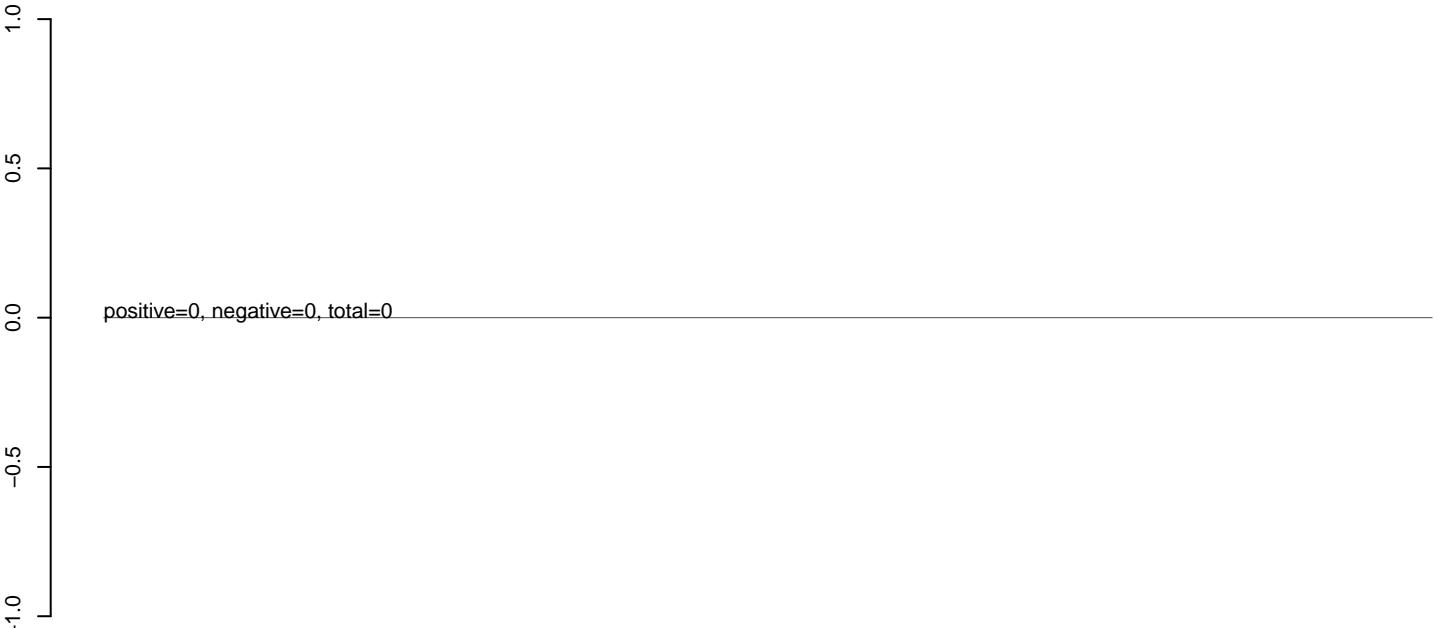
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, virus@NC\_038259.1-Badu\_virus\_isolate\_TS6347\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12247

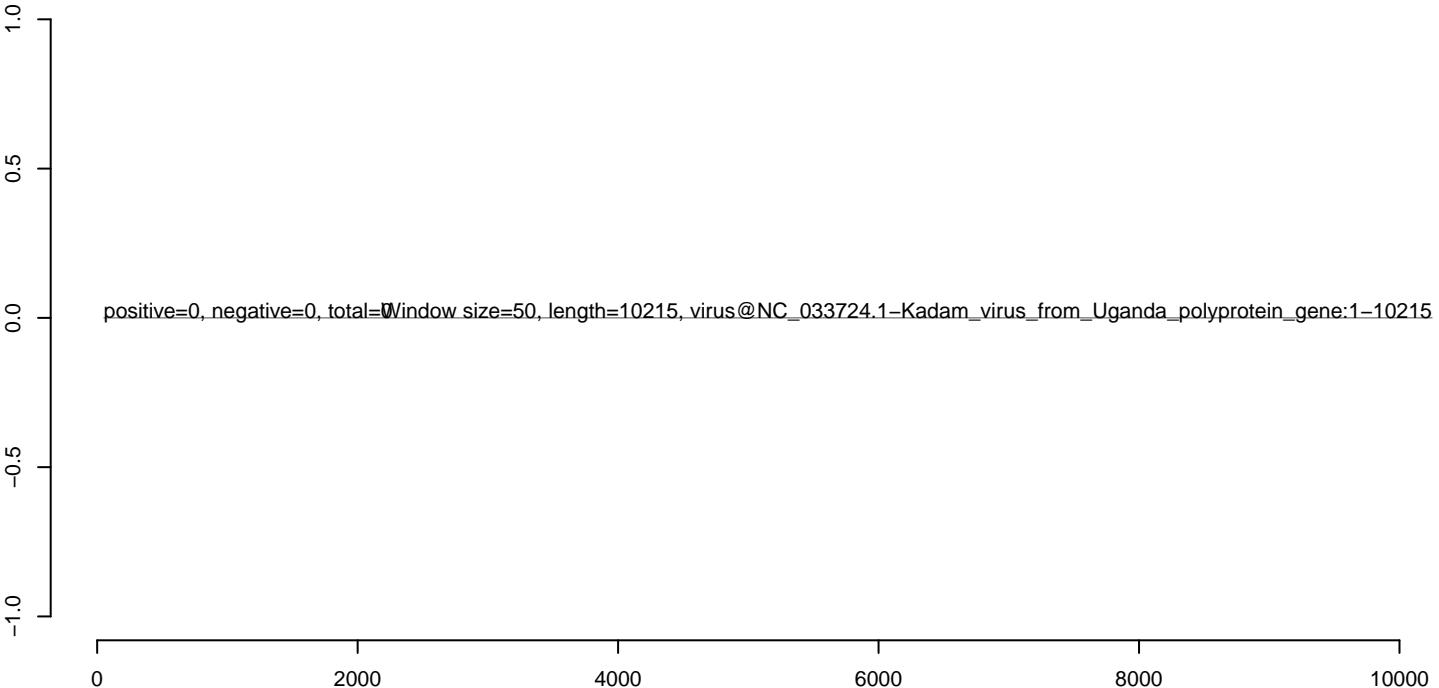
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

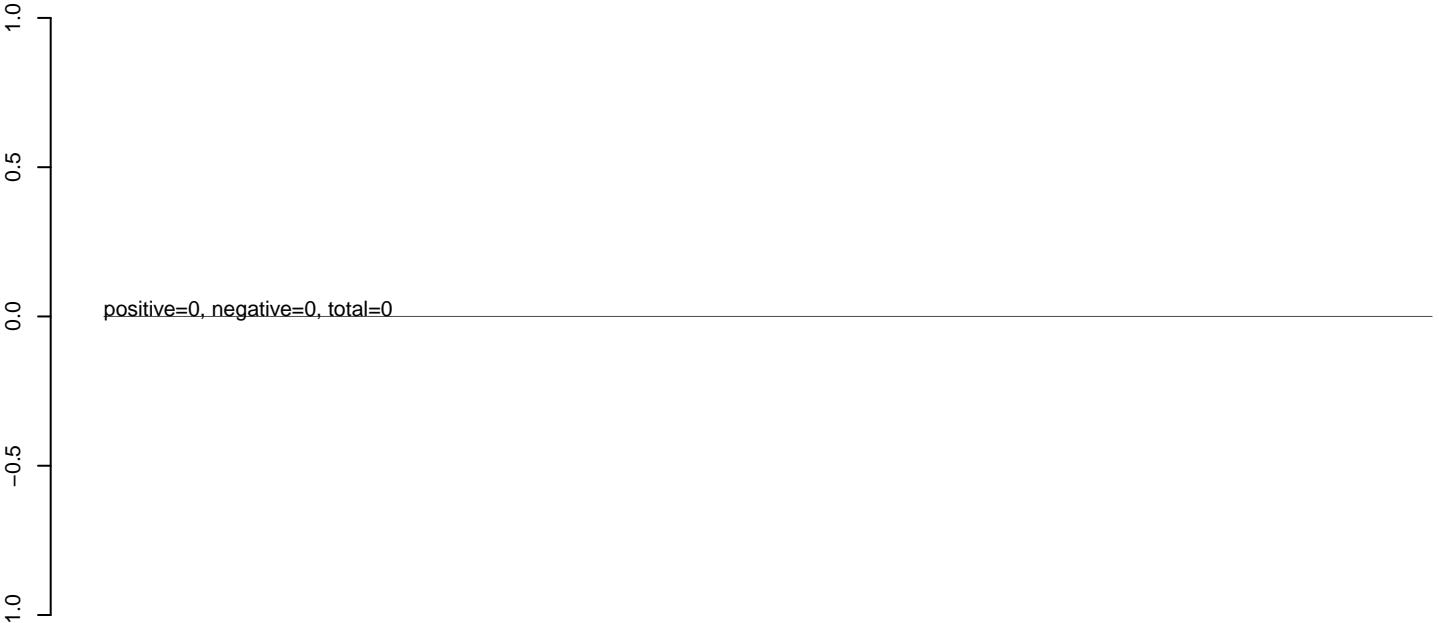
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

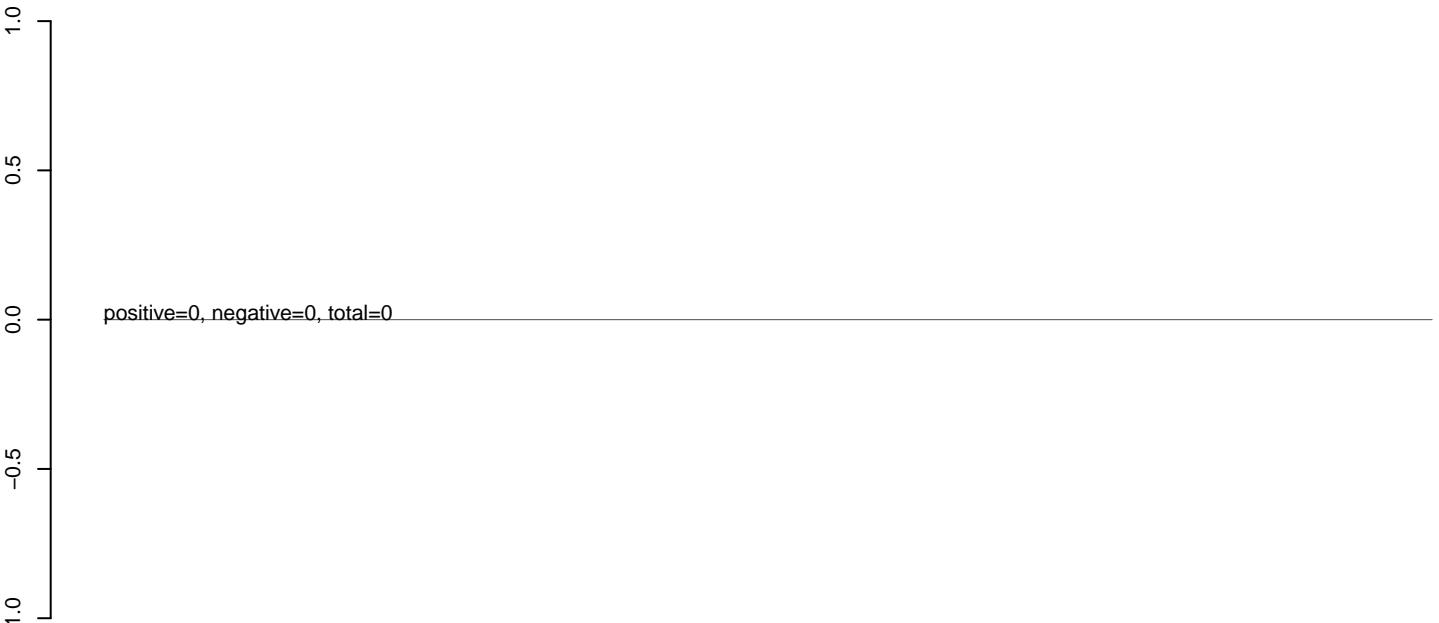
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, size=50, length=10173, virus@NC\_033697.1-Saboya\_virus\_strain\_Dak\_AR\_D4600\_polyprotein\_gene:1-10173

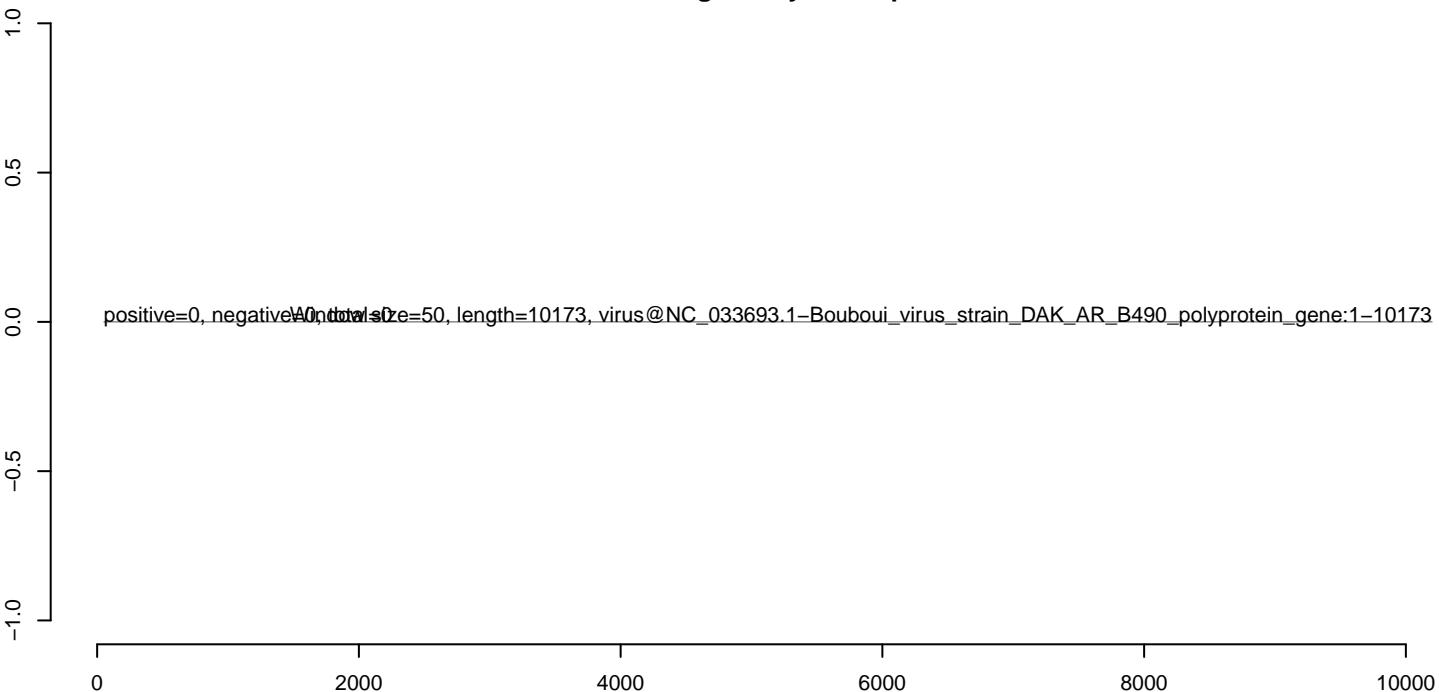
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

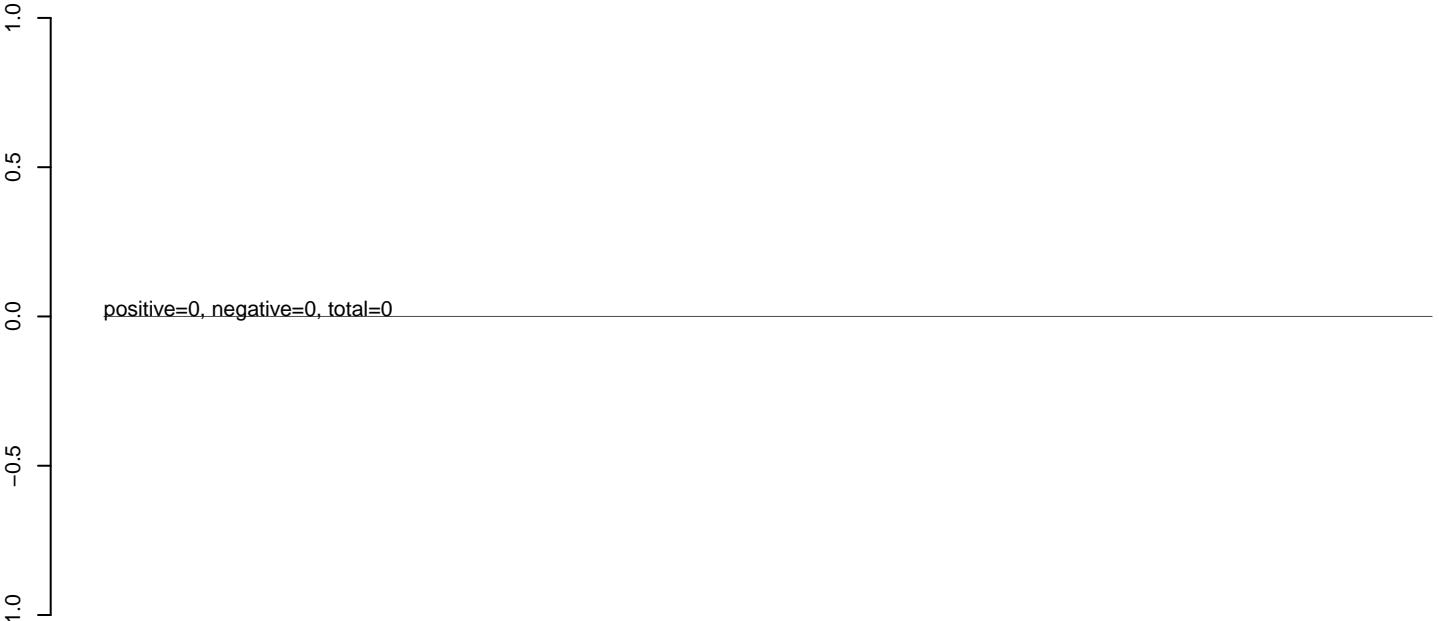
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

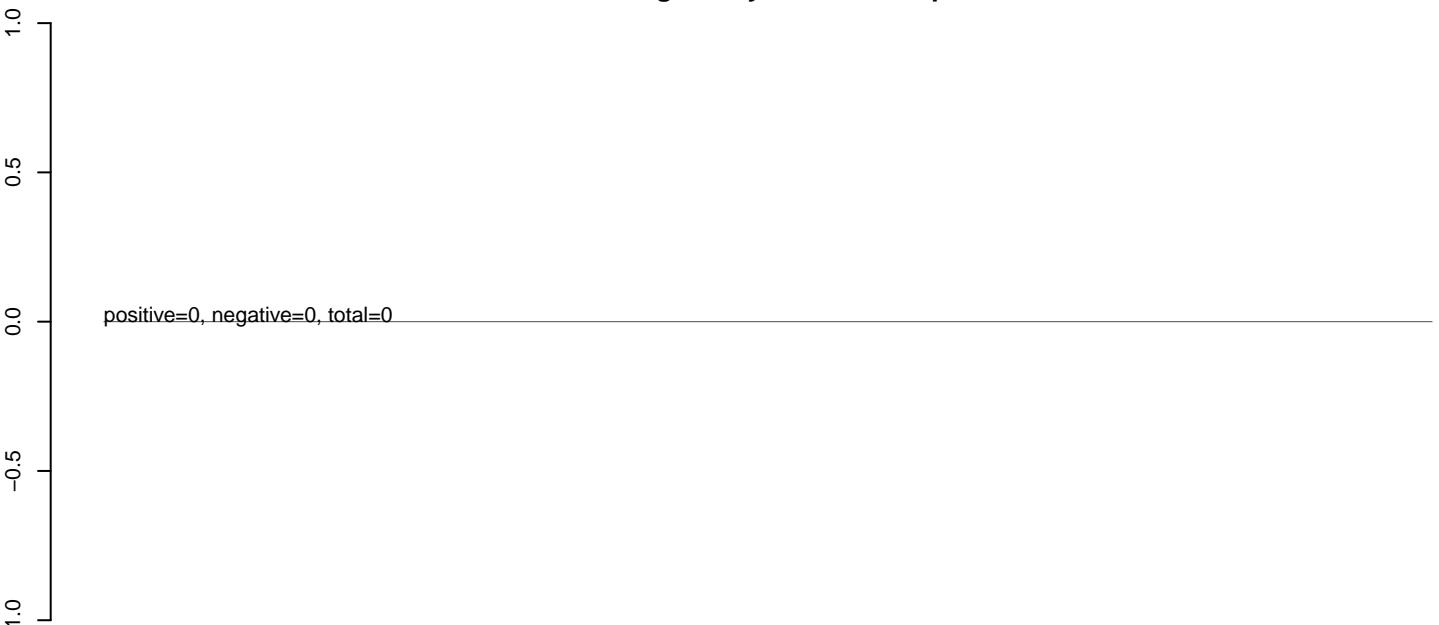
Window size=50, length=10588, virus@NC\_031327.1-Anopheles\_flavivirus\_variant\_1:1-10588

0 2000 4000 6000 8000 10000

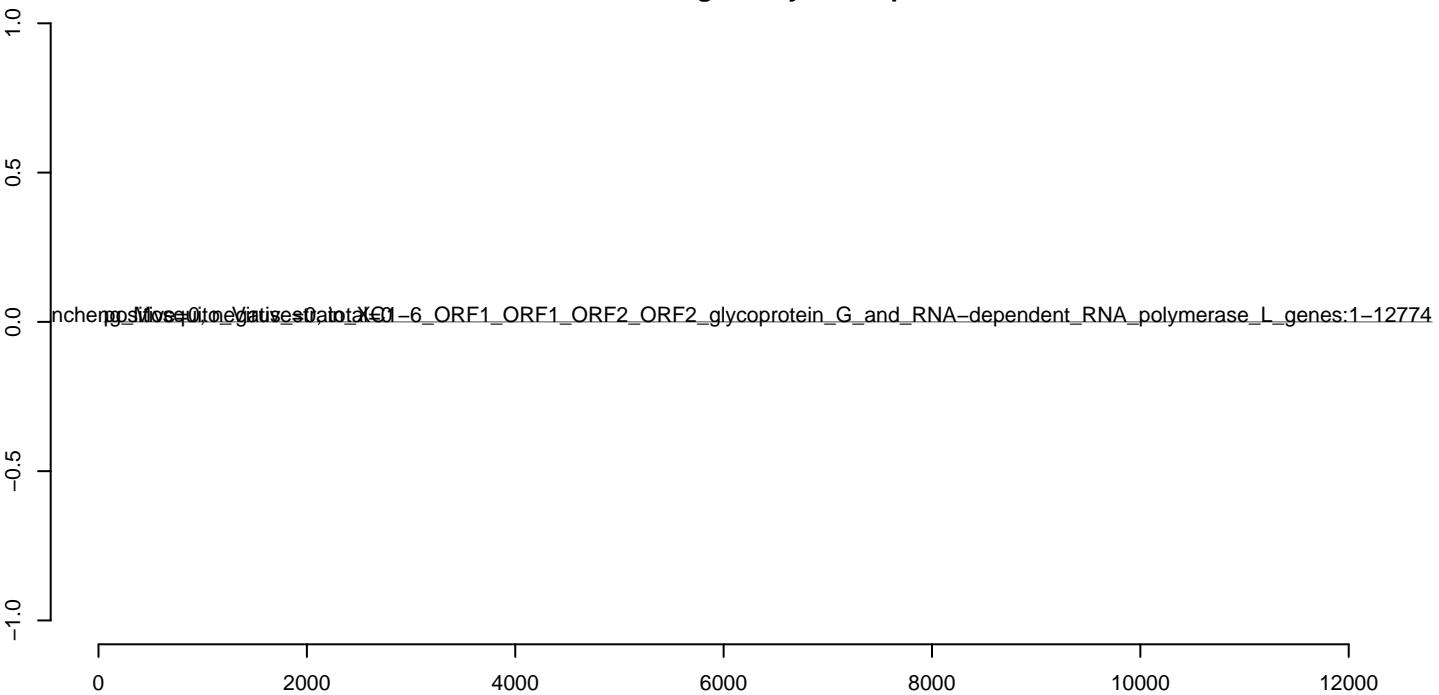
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

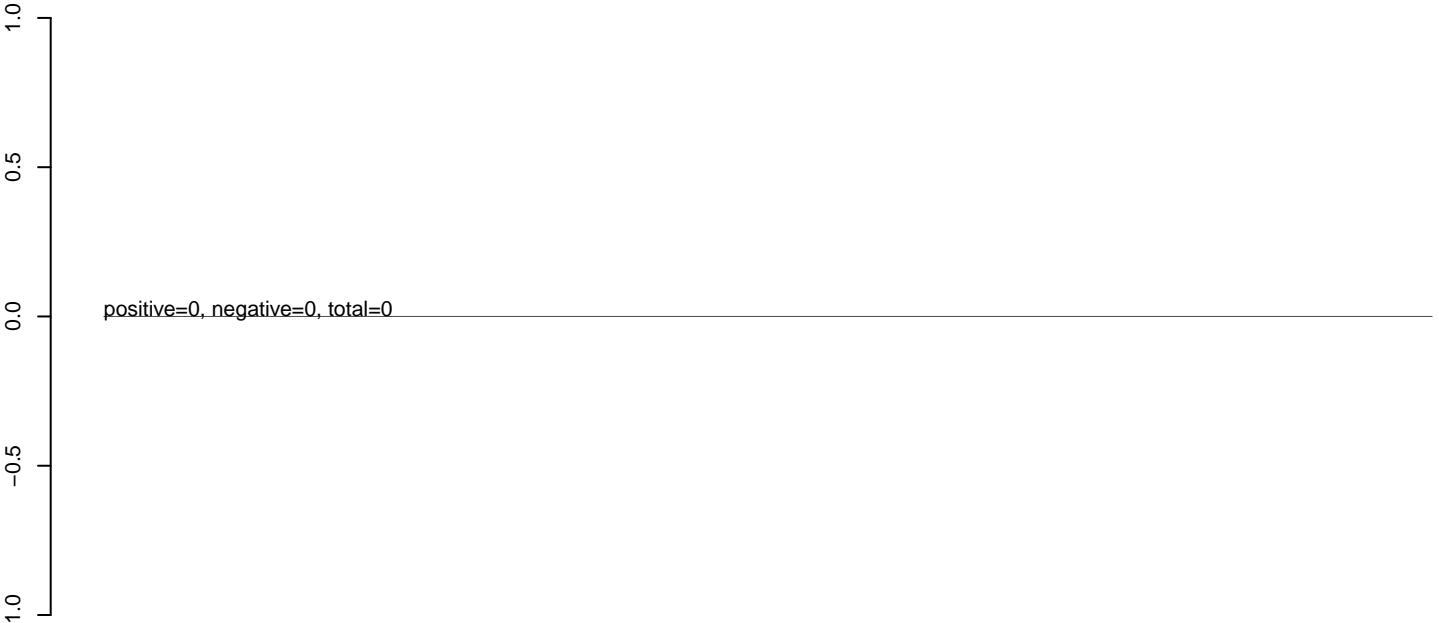
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

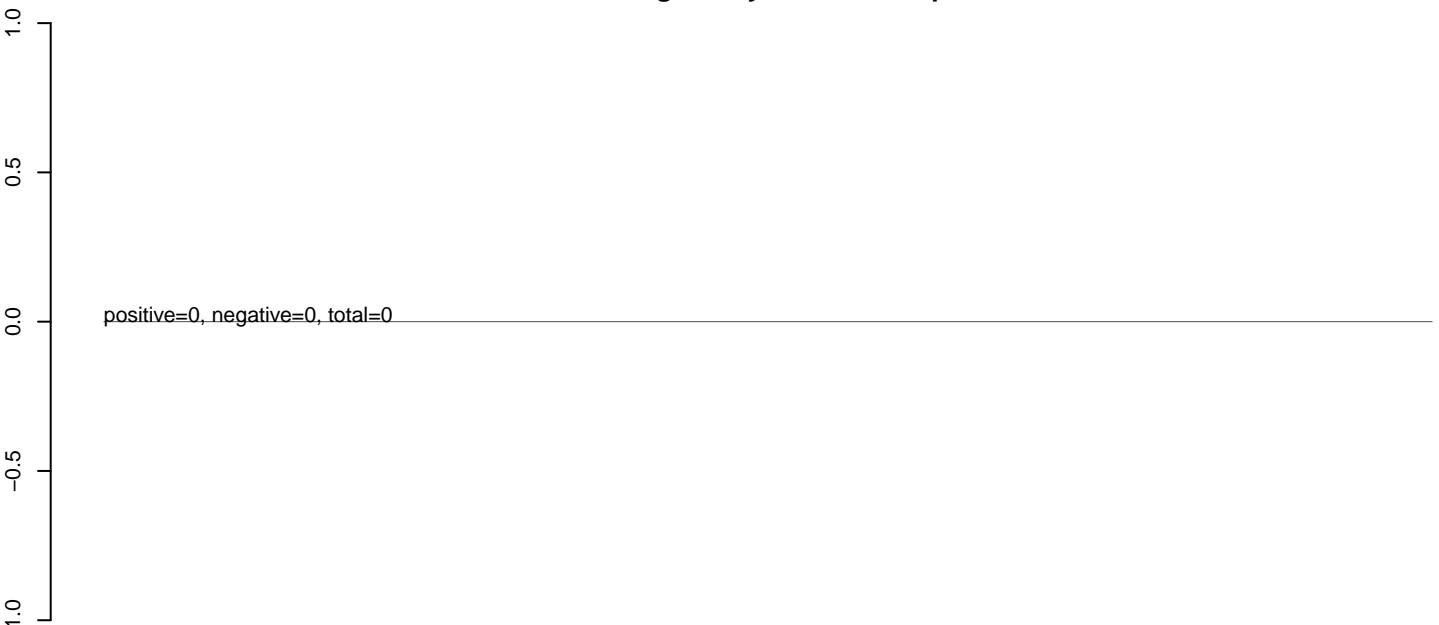
Window size=50, length=10864, virus@NC\_030290.1-Culiseta\_flavivirus\_strain\_502-13:1-10864

0 2000 4000 6000 8000 10000

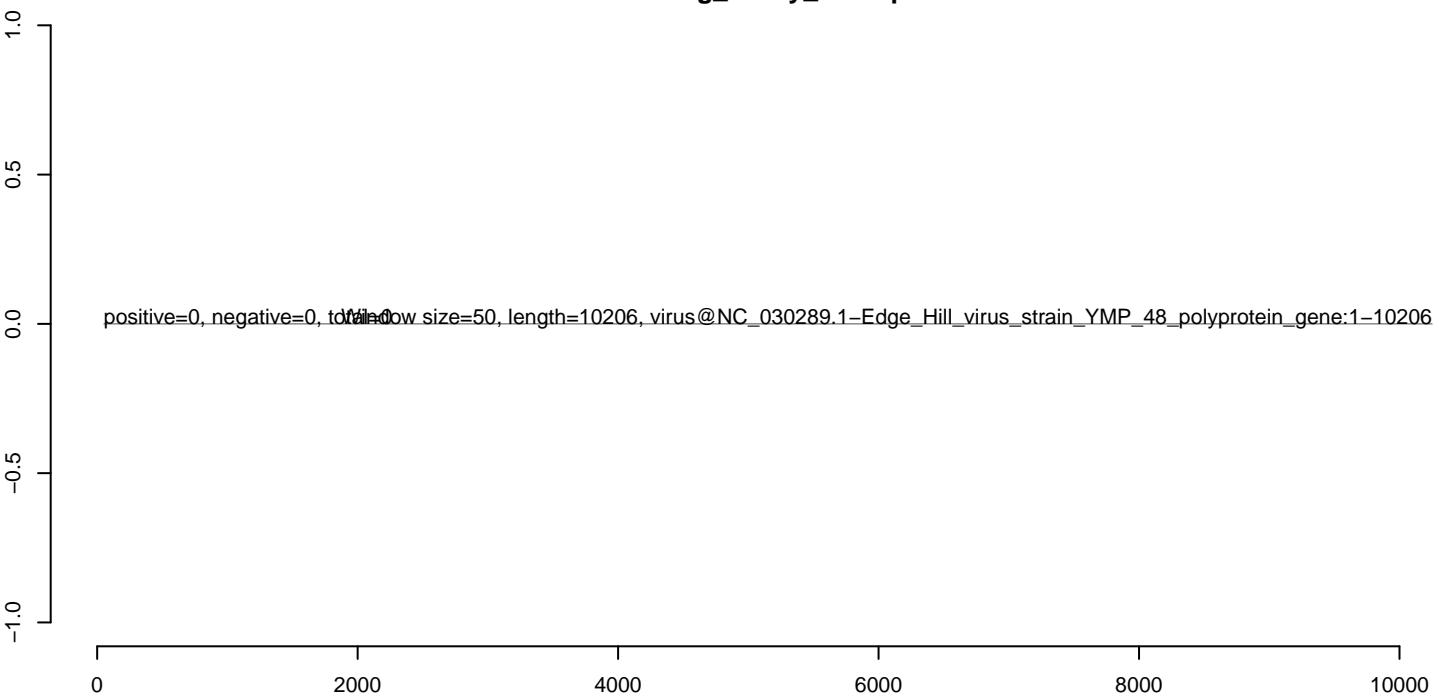
### AeAeg\_Ovary\_GH.18\_23.rep



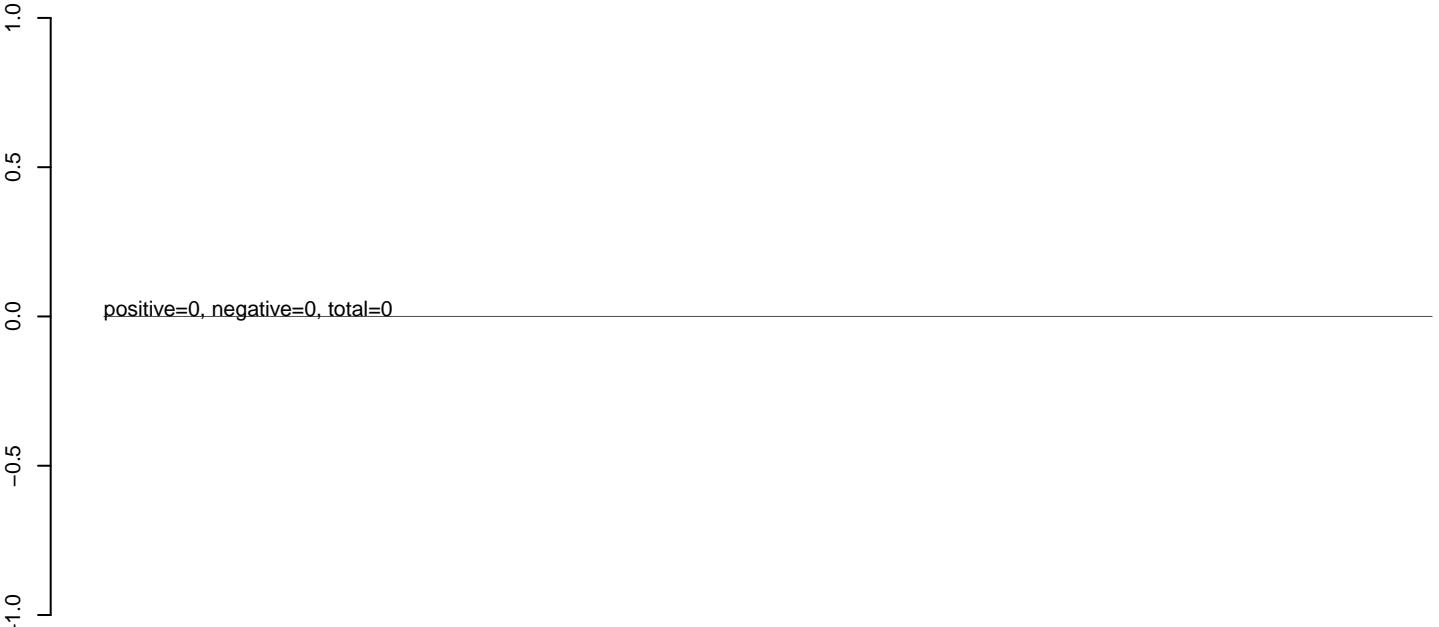
### AeAeg\_Ovary\_GH.24\_35.rep



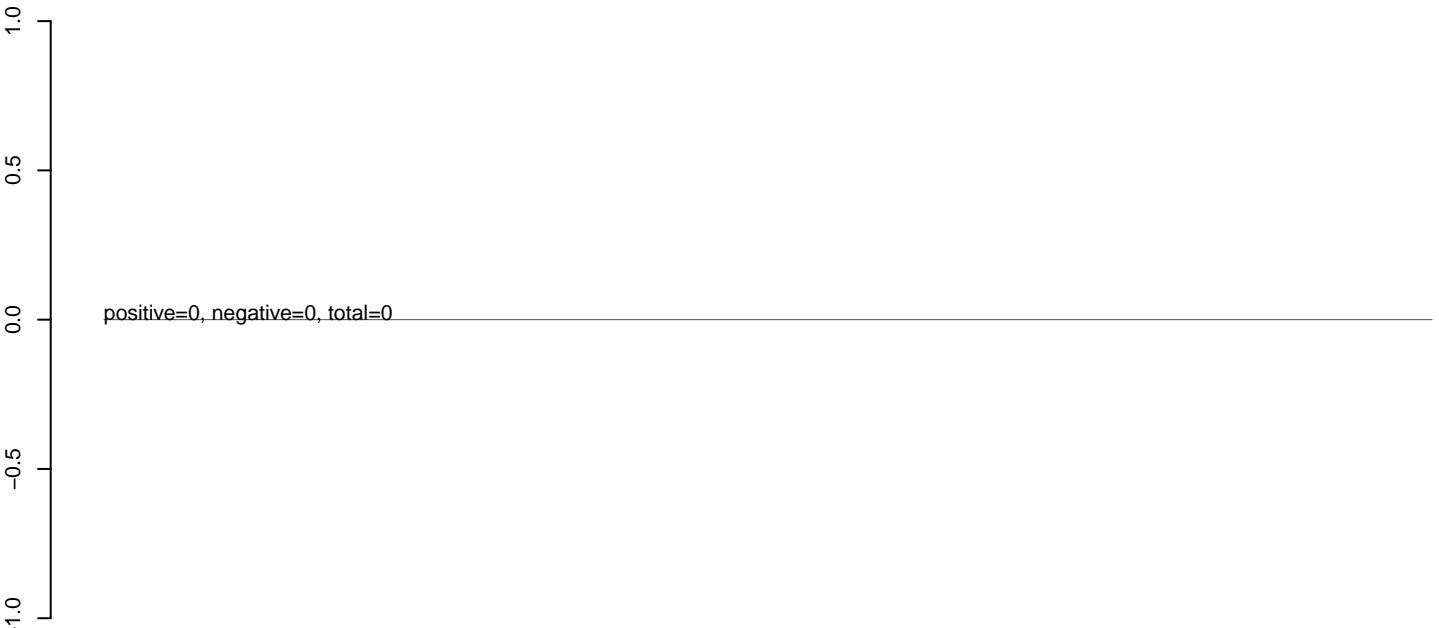
### AeAeg\_Ovary\_GH.rep



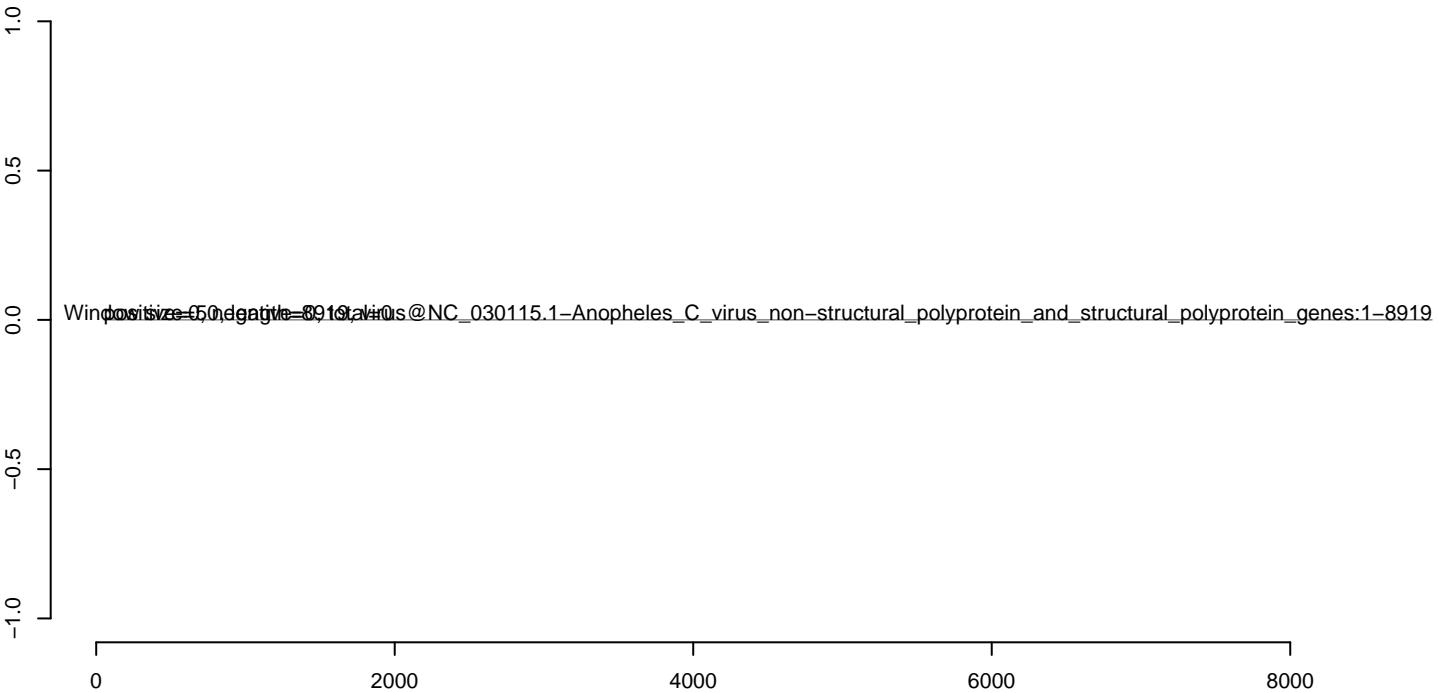
### AeAeg\_Ovary\_GH.18\_23.rep



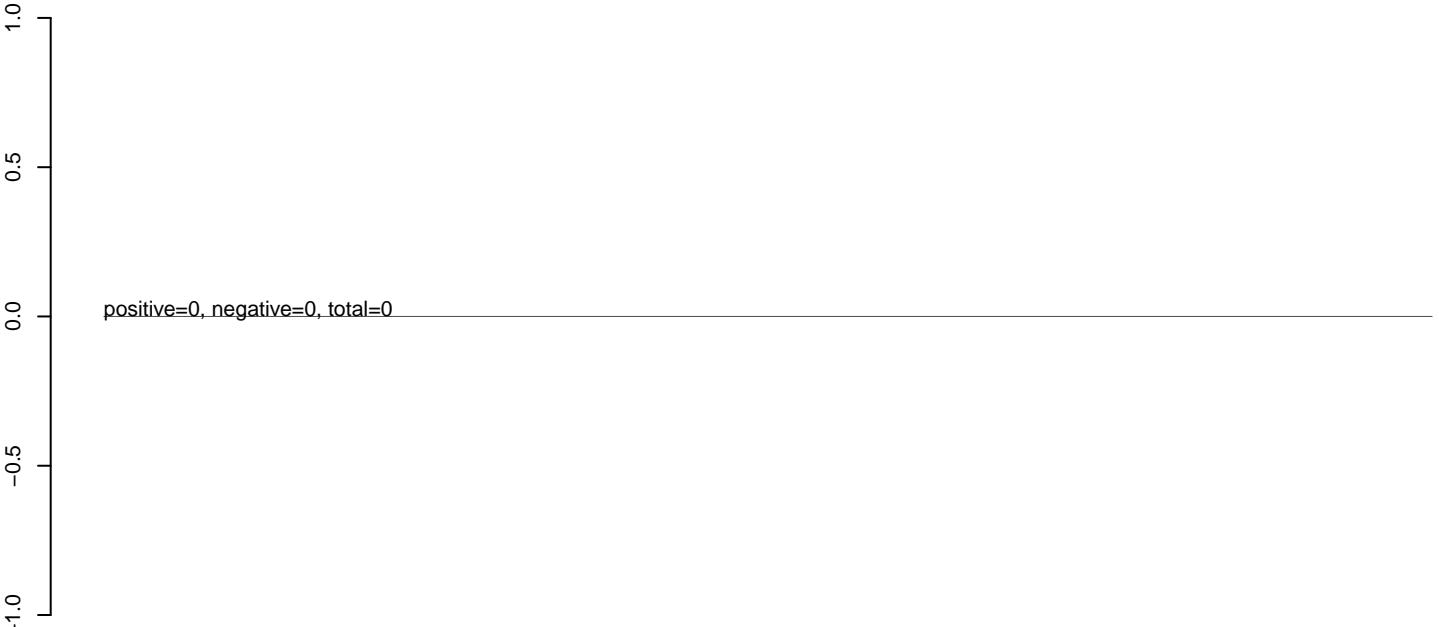
### AeAeg\_Ovary\_GH.24\_35.rep



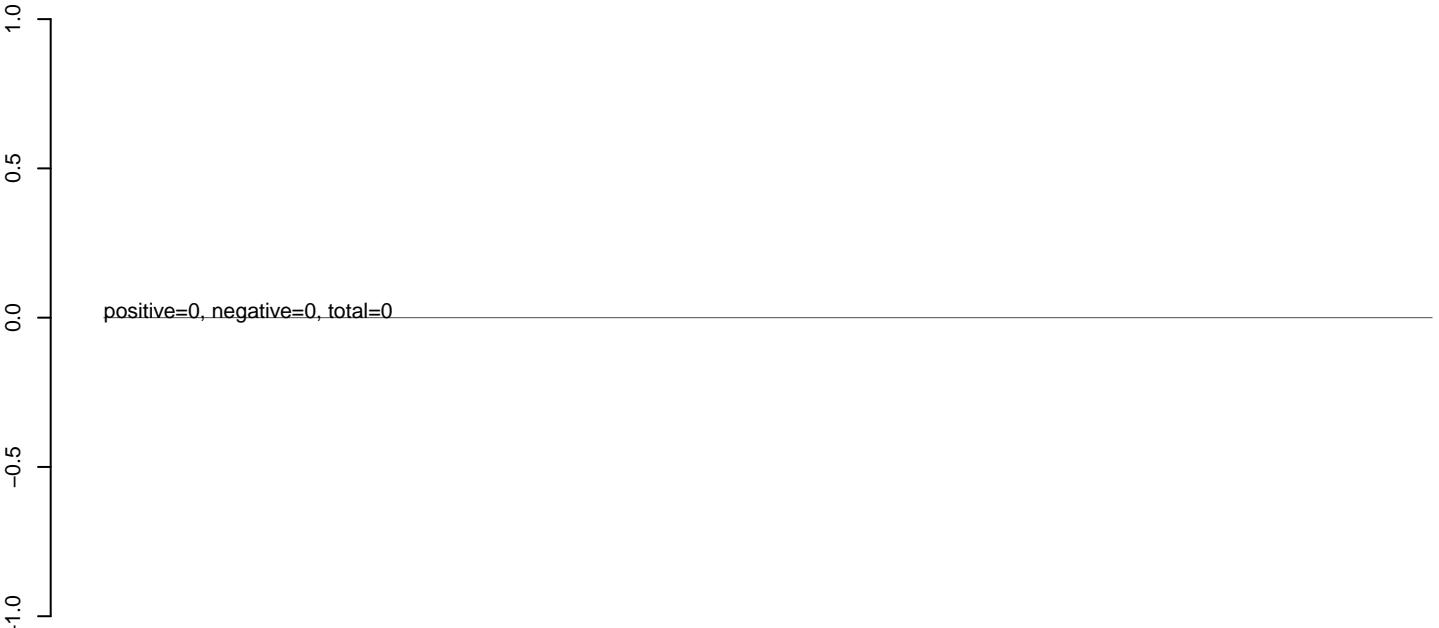
### AeAeg\_Ovary\_GH.rep



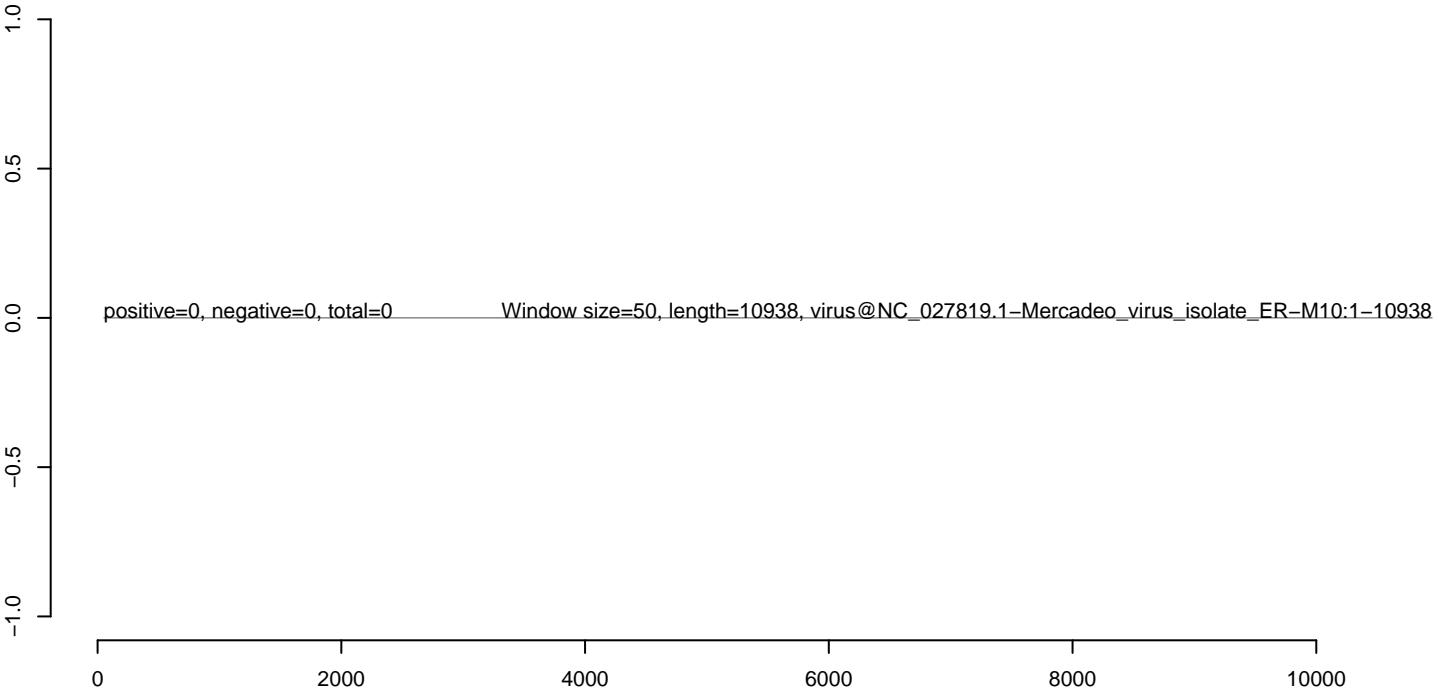
### AeAeg\_Ovary\_GH.18\_23.rep



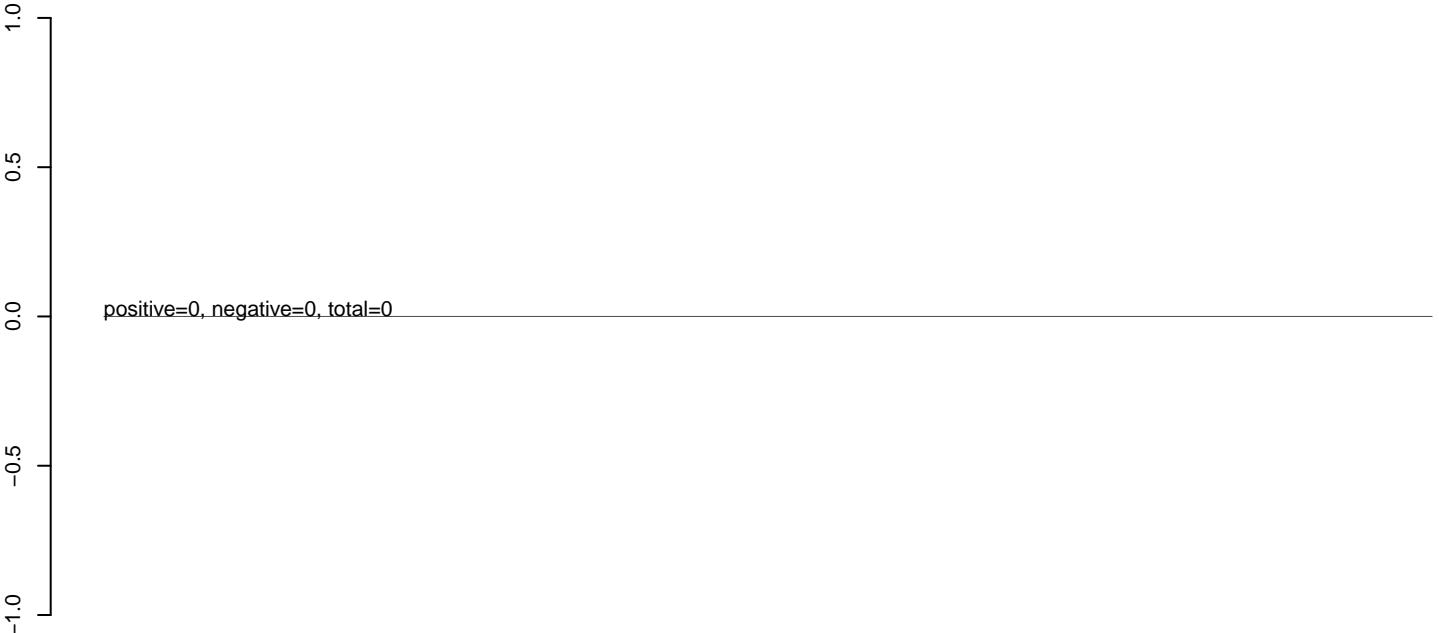
### AeAeg\_Ovary\_GH.24\_35.rep



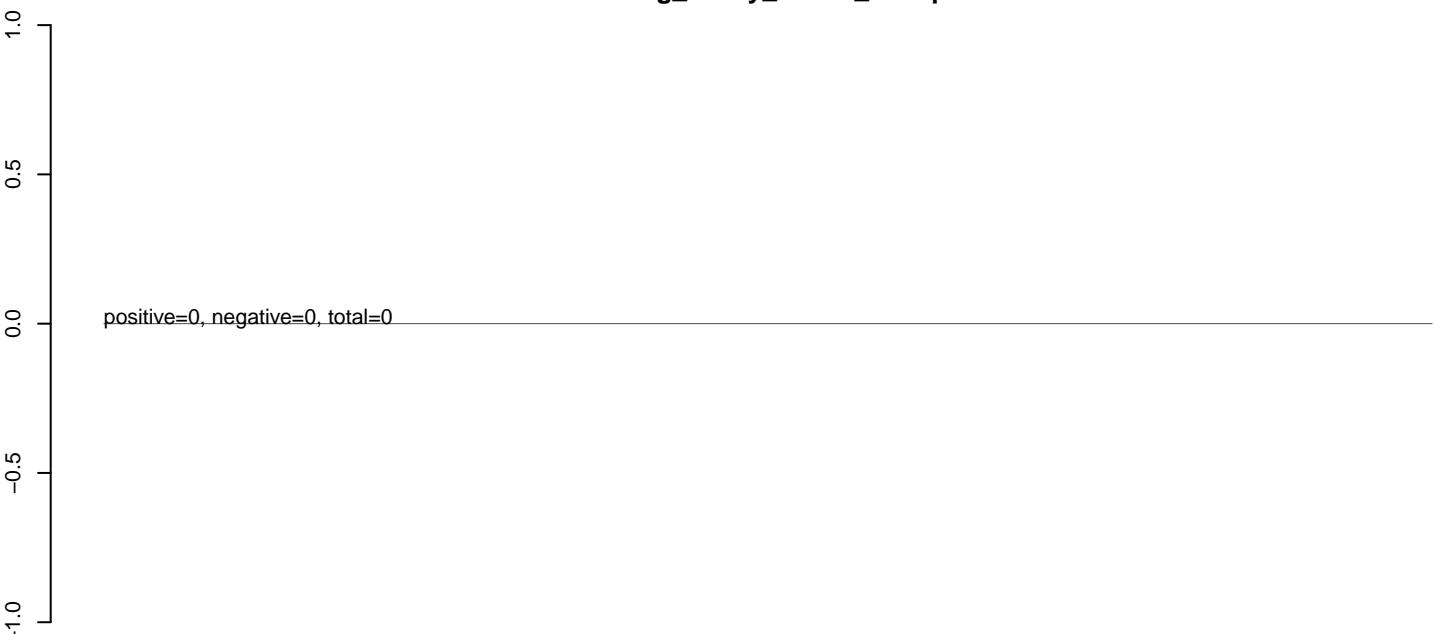
### AeAeg\_Ovary\_GH.rep



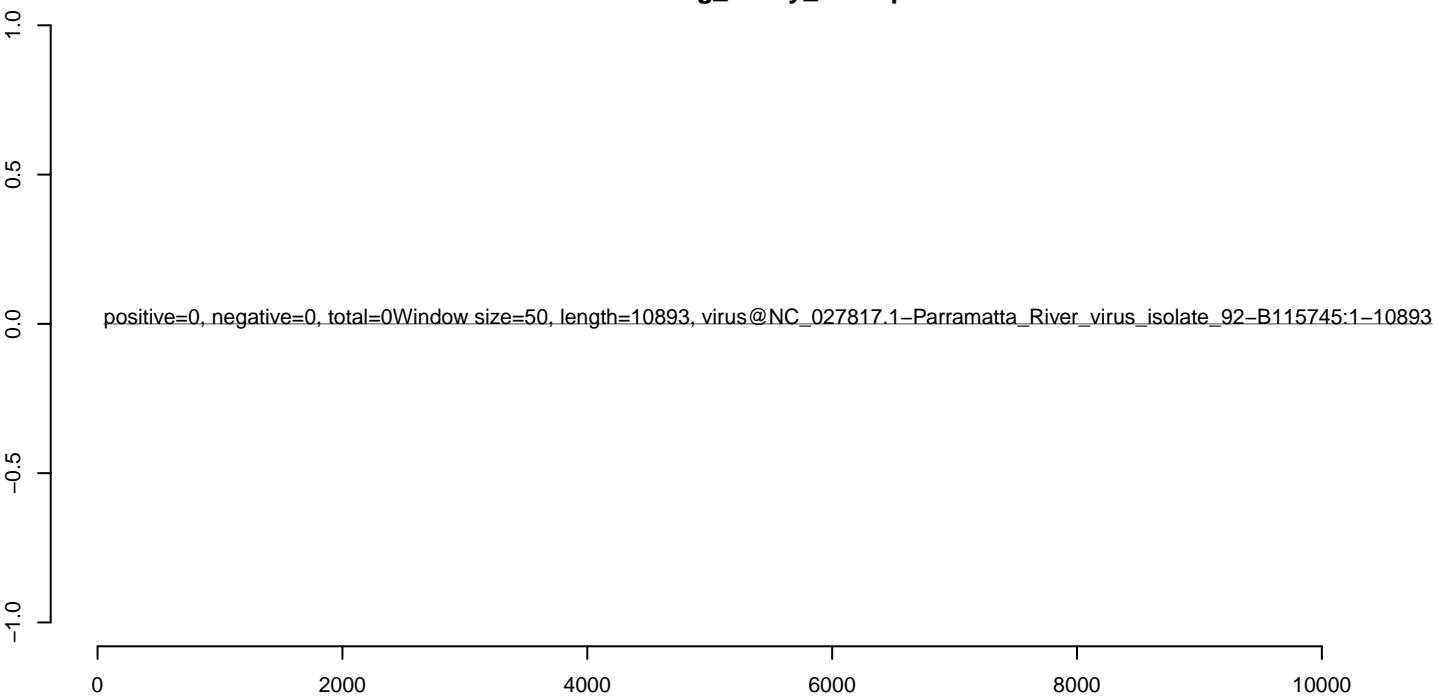
### AeAeg\_Ovary\_GH.18\_23.rep



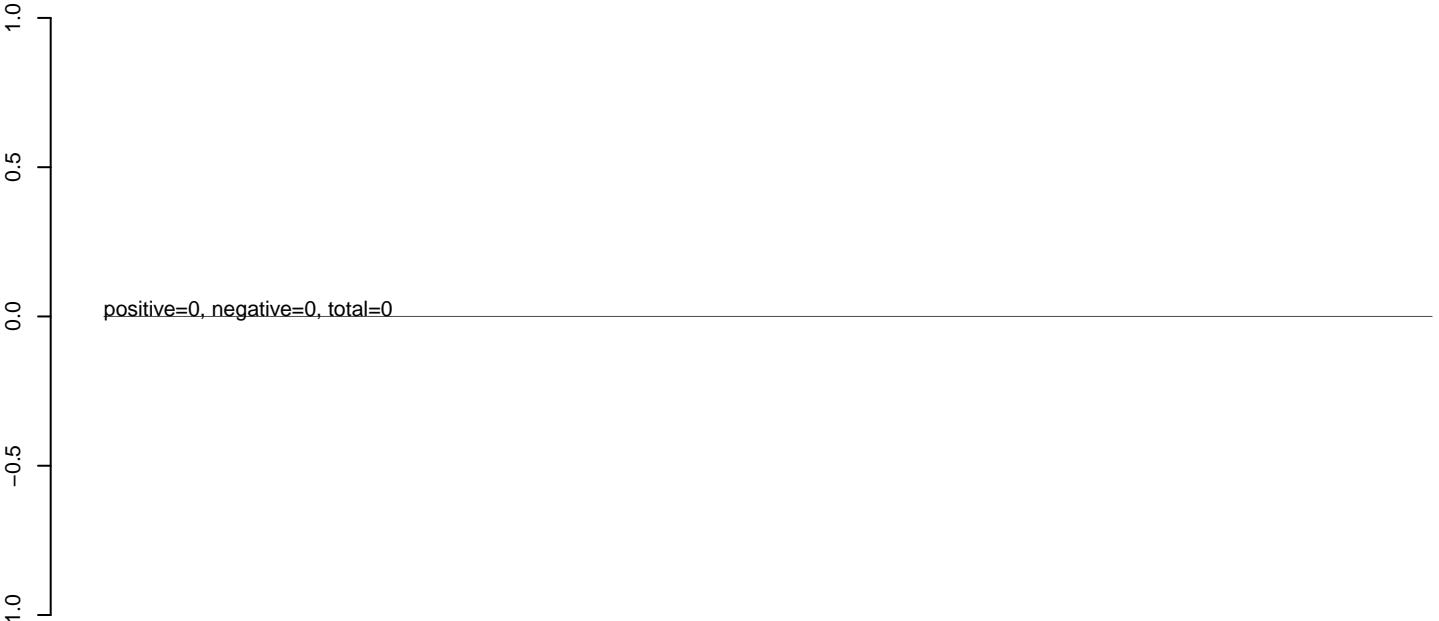
### AeAeg\_Ovary\_GH.24\_35.rep



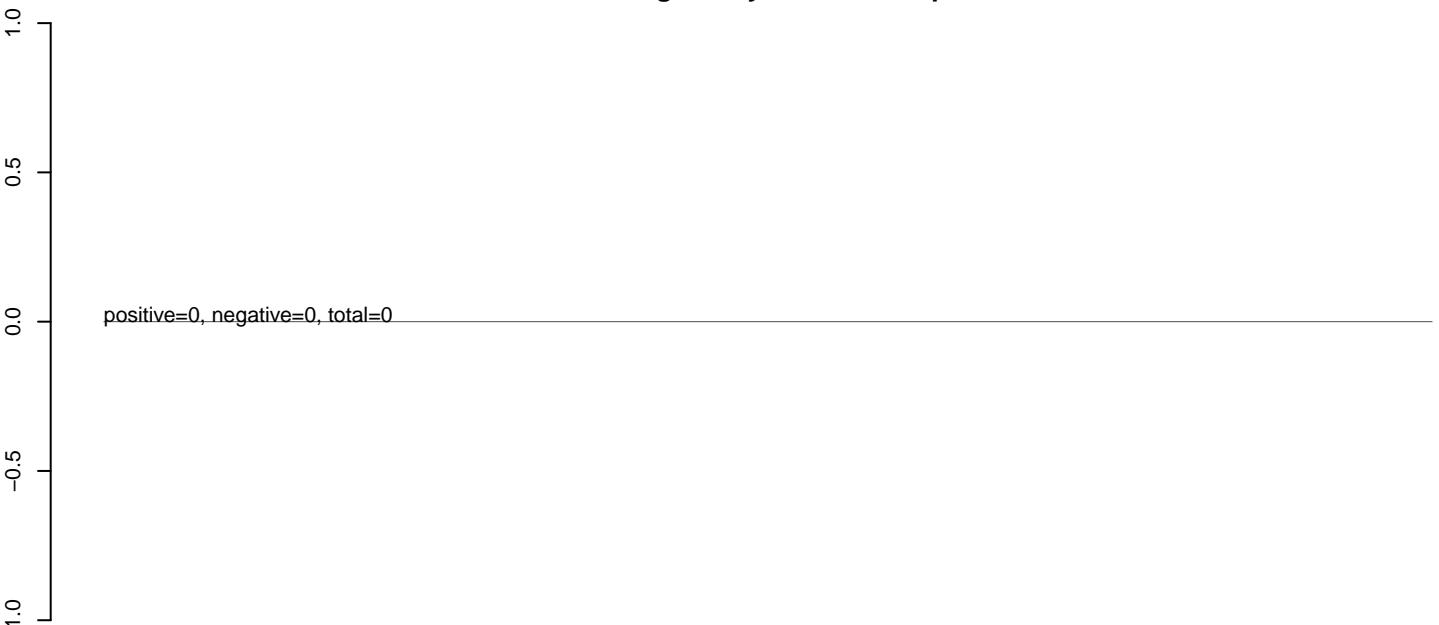
### AeAeg\_Ovary\_GH.rep



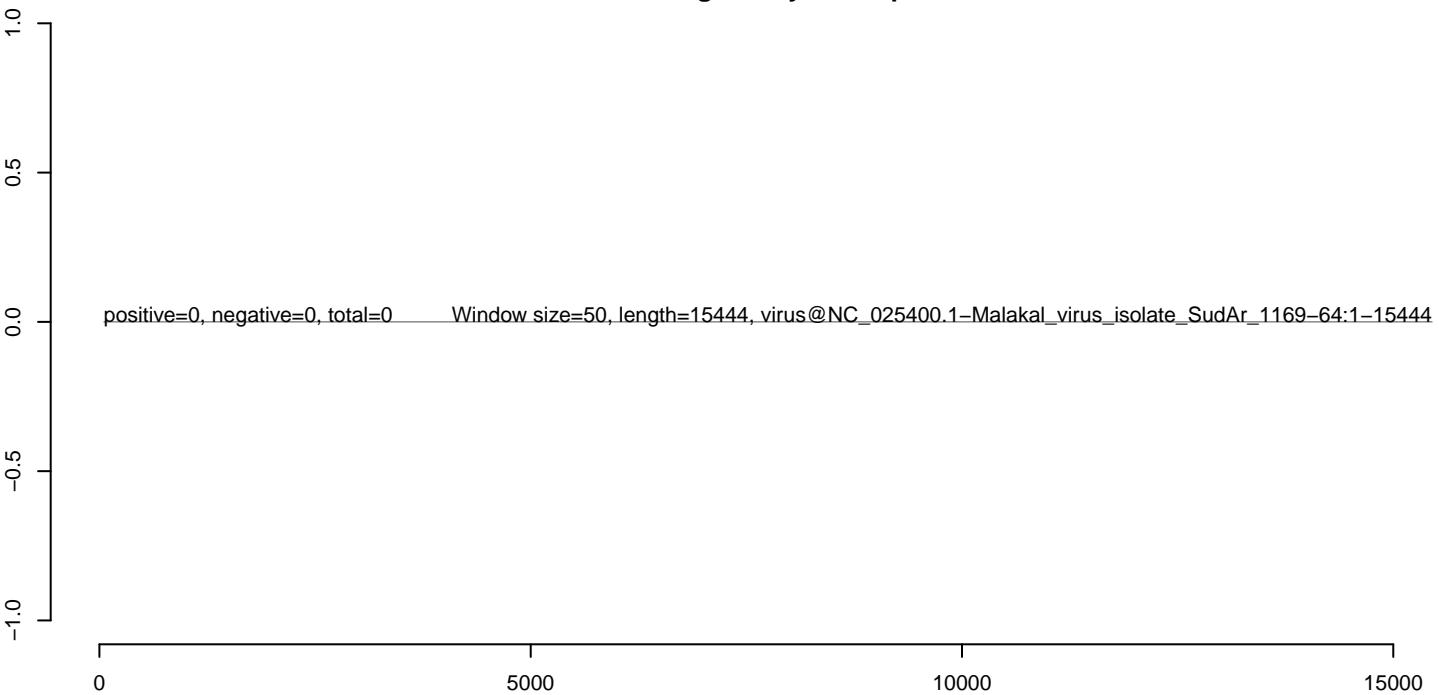
### AeAeg\_Ovary\_GH.18\_23.rep



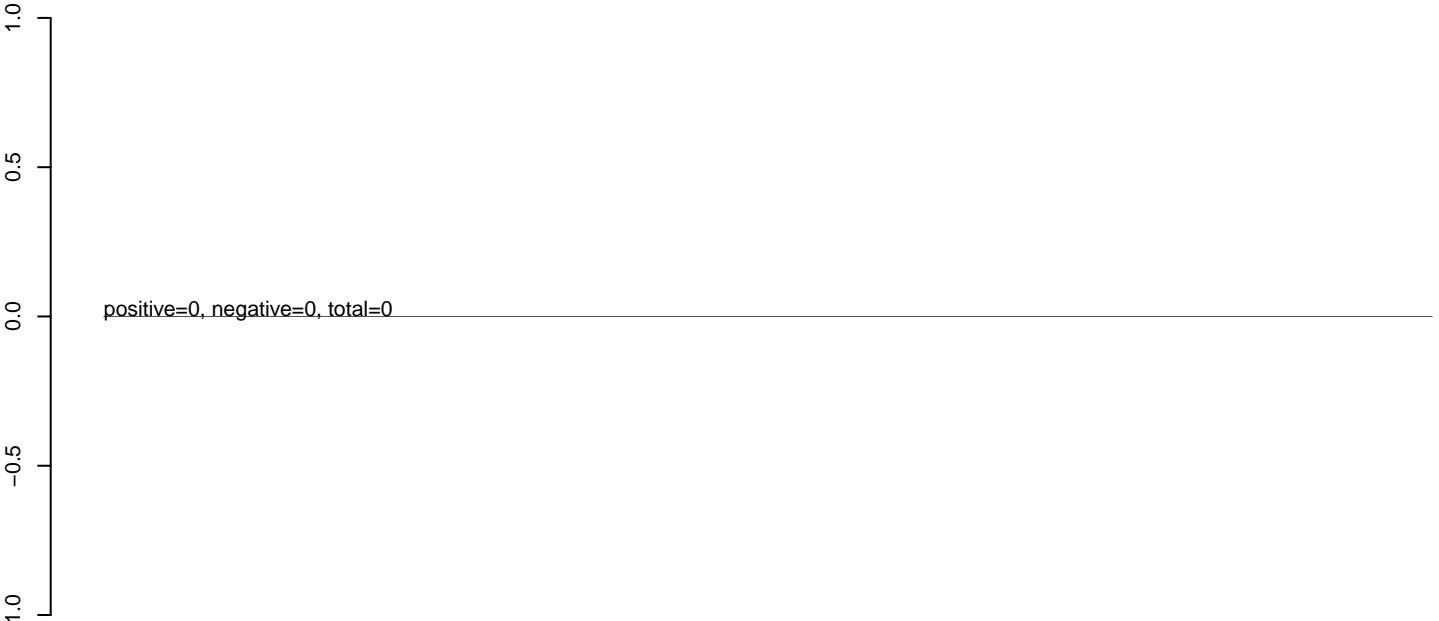
### AeAeg\_Ovary\_GH.24\_35.rep



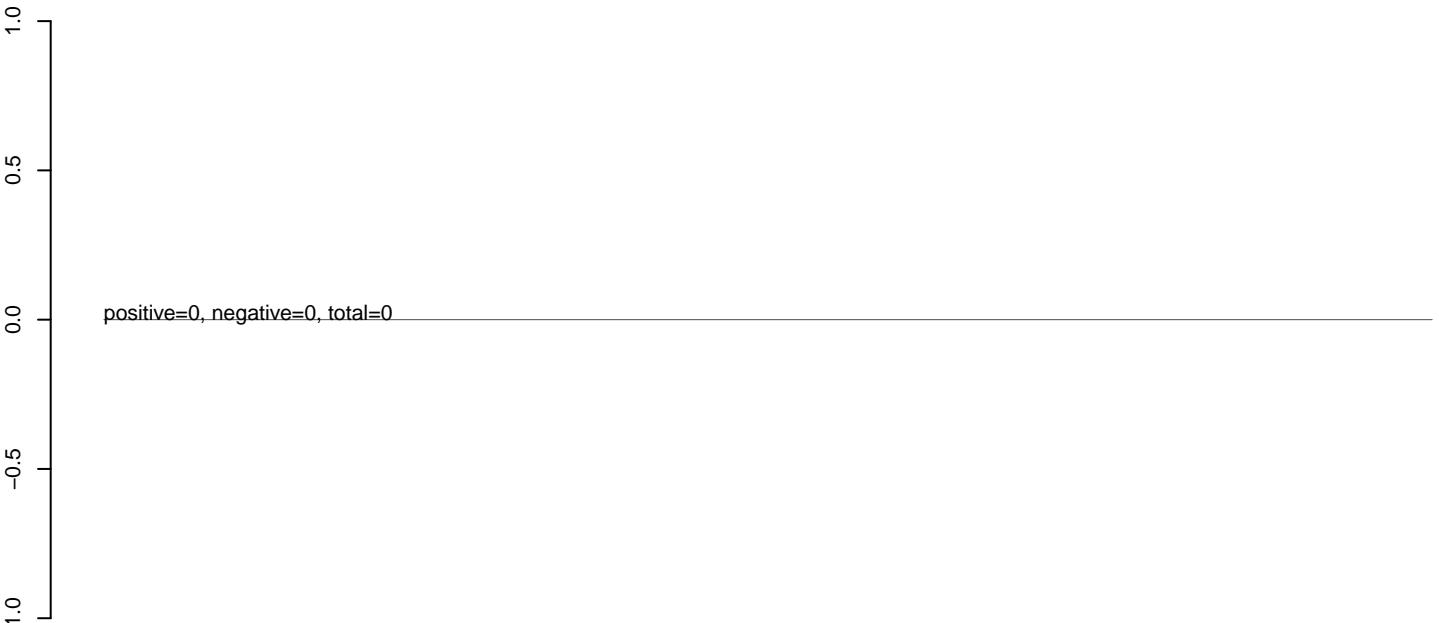
### AeAeg\_Ovary\_GH.rep



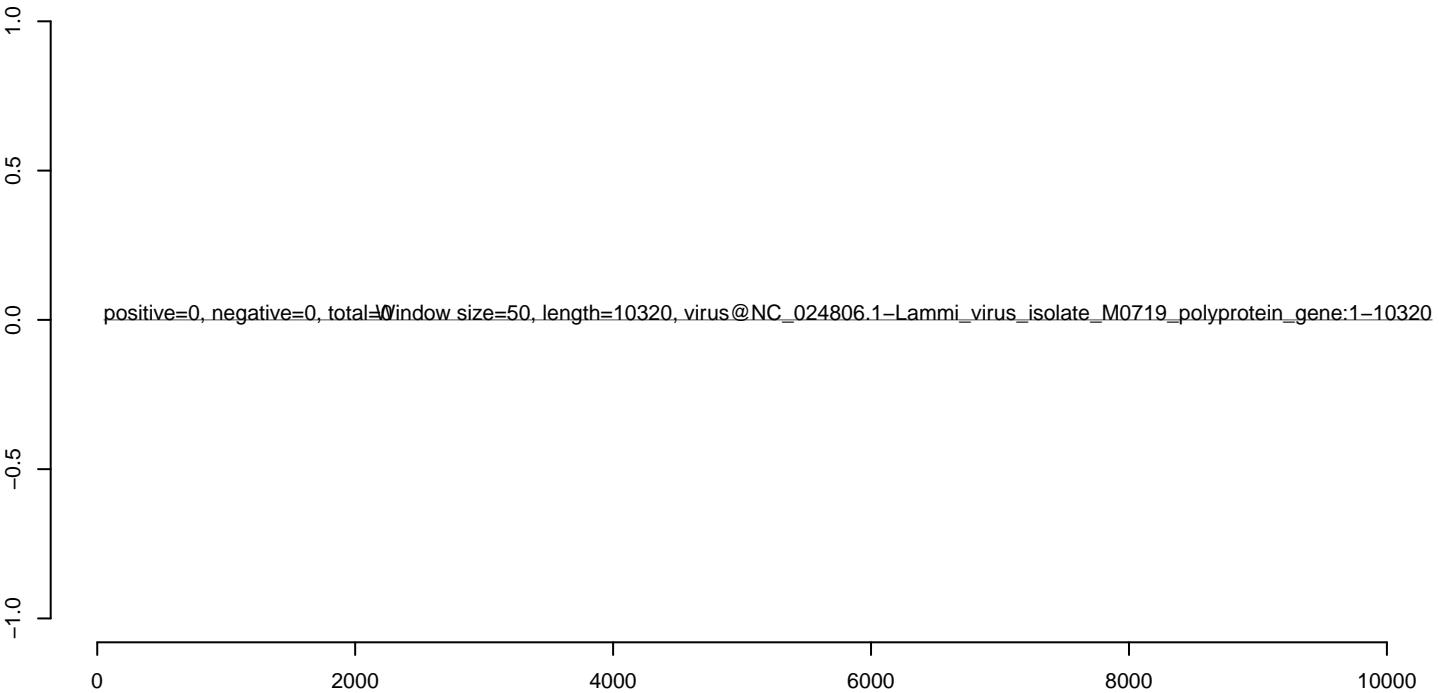
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep





positive=0, negative=0, total=0

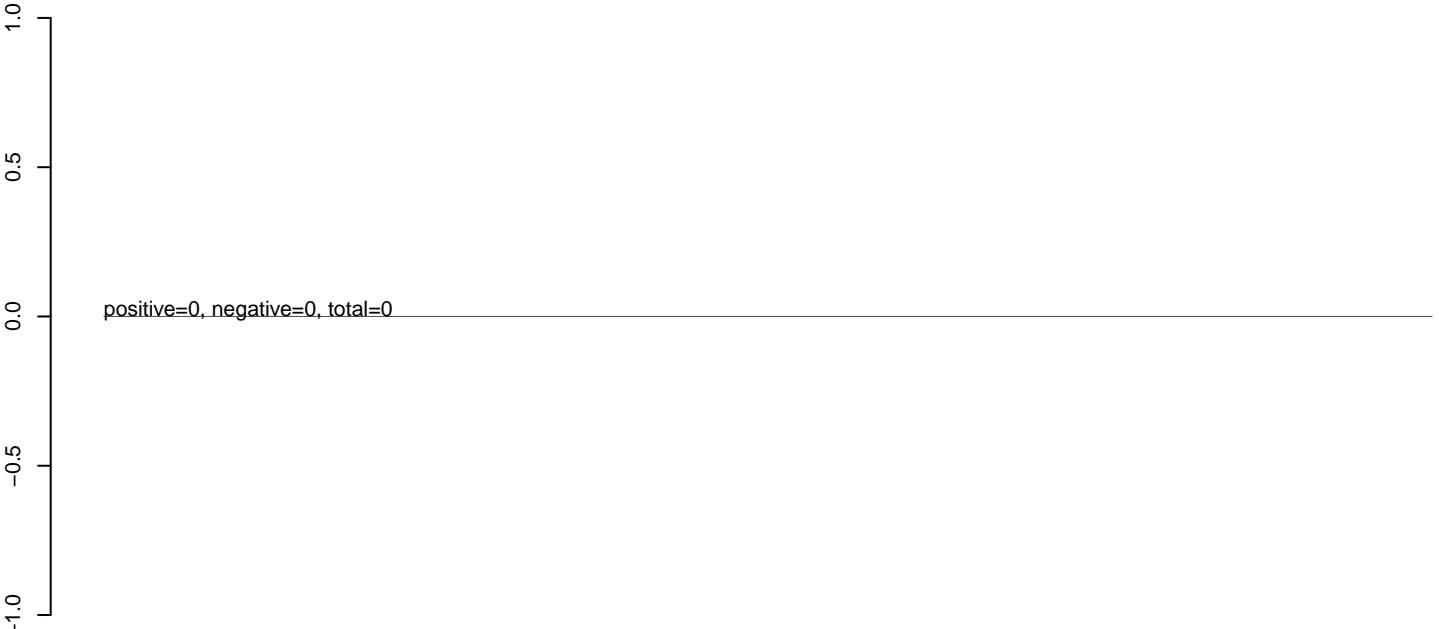


positive=0, negative=0, total=0

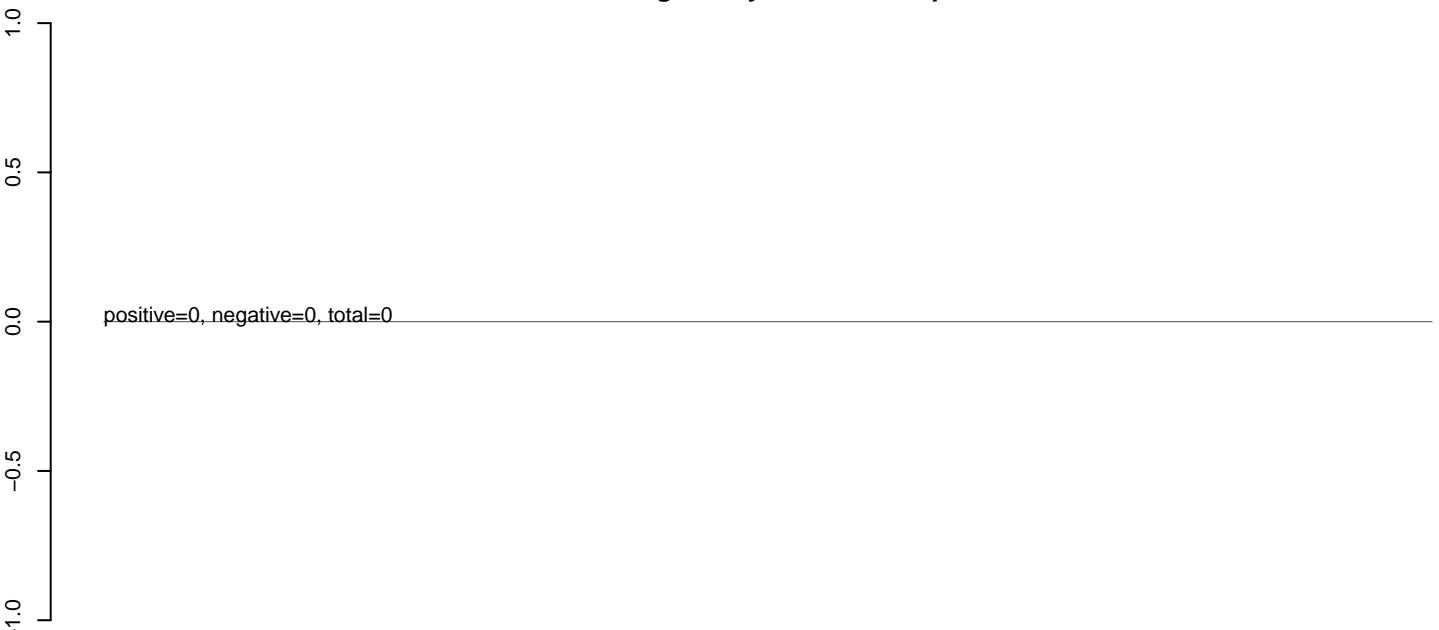


positive=0 negative=0 WindowSize=50 length=10688 virus@NC\_023439.1\_Kama\_virus.strain LEIV\_20776Tat polyprotein gene1\_10688

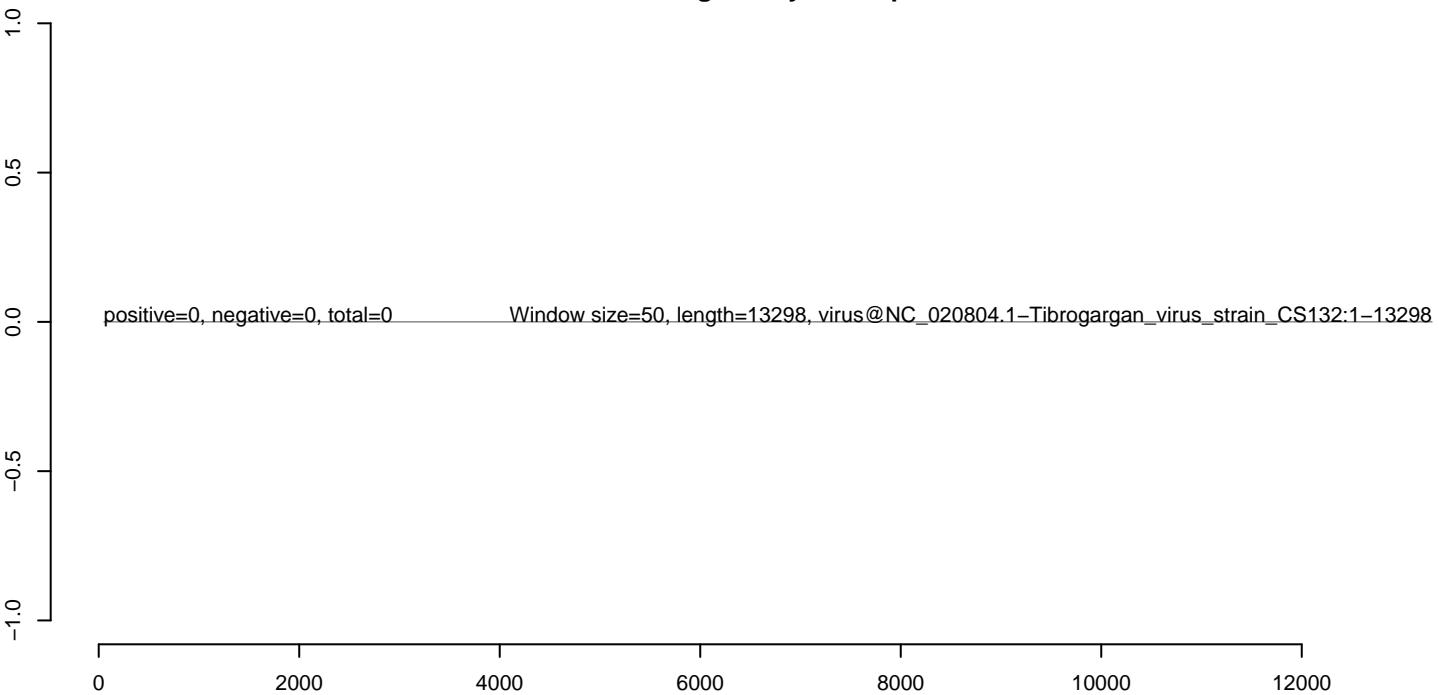
### AeAeg\_Ovary\_GH.18\_23.rep



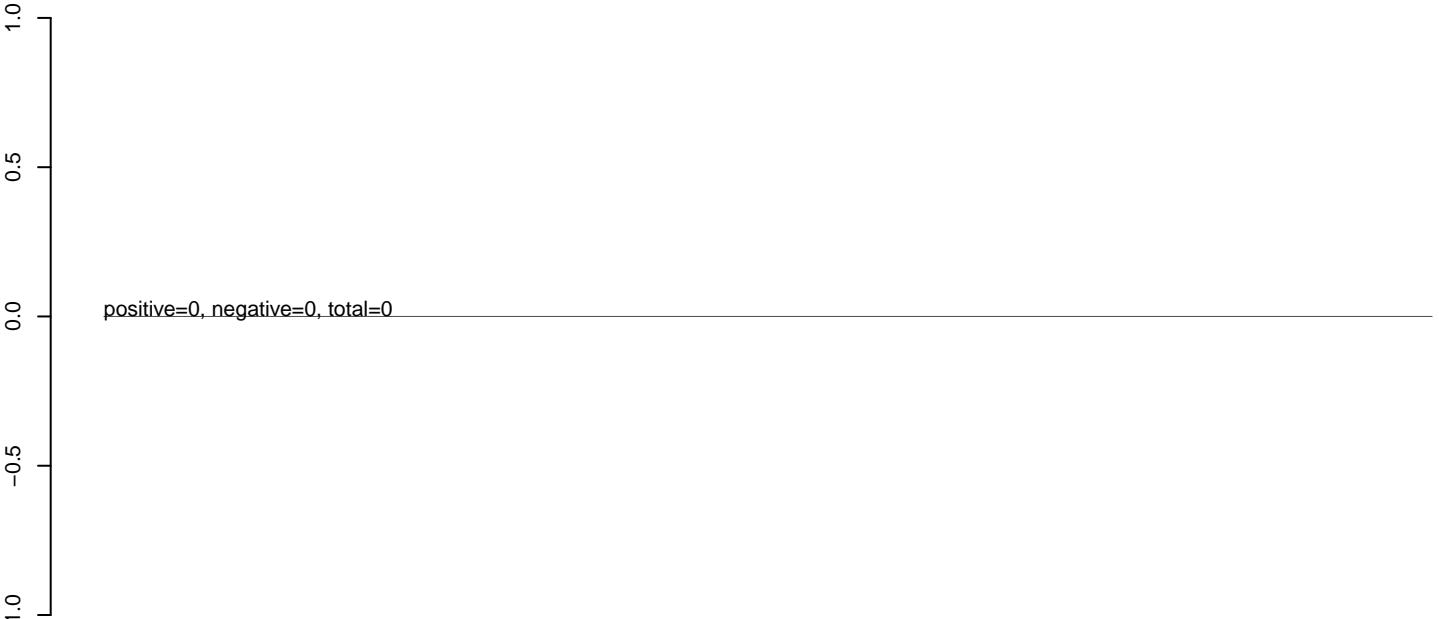
### AeAeg\_Ovary\_GH.24\_35.rep



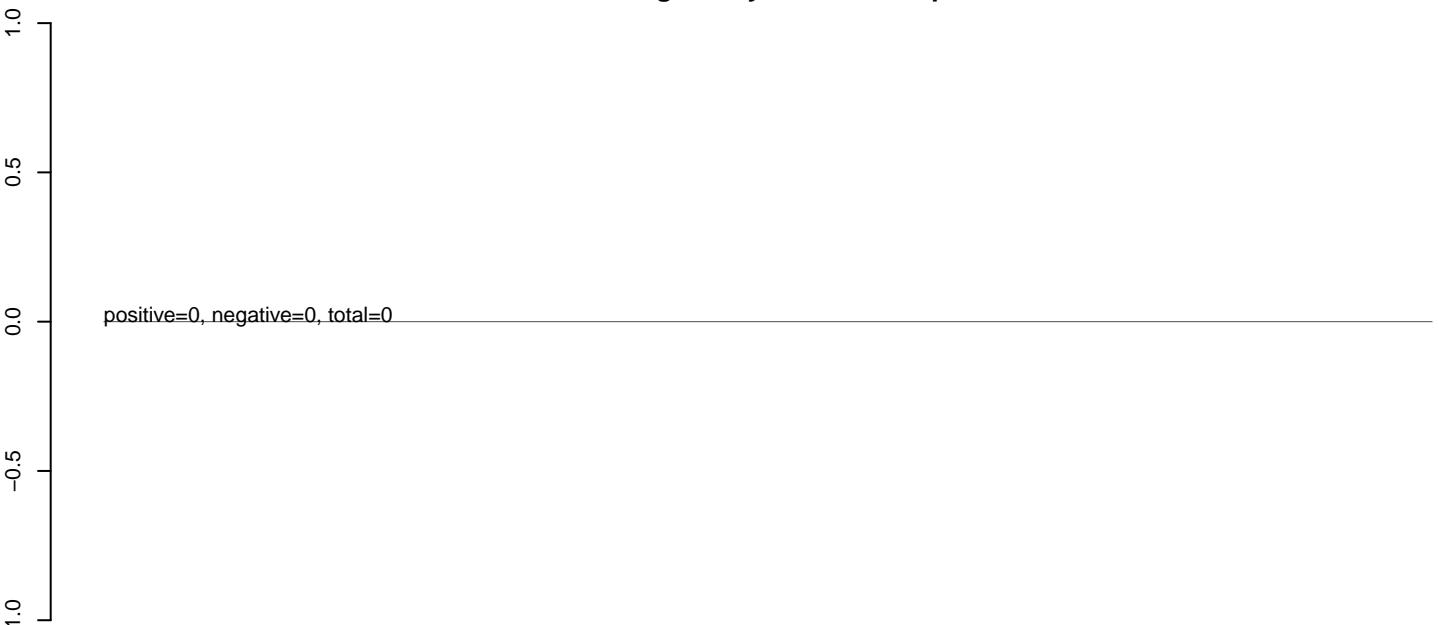
### AeAeg\_Ovary\_GH.rep



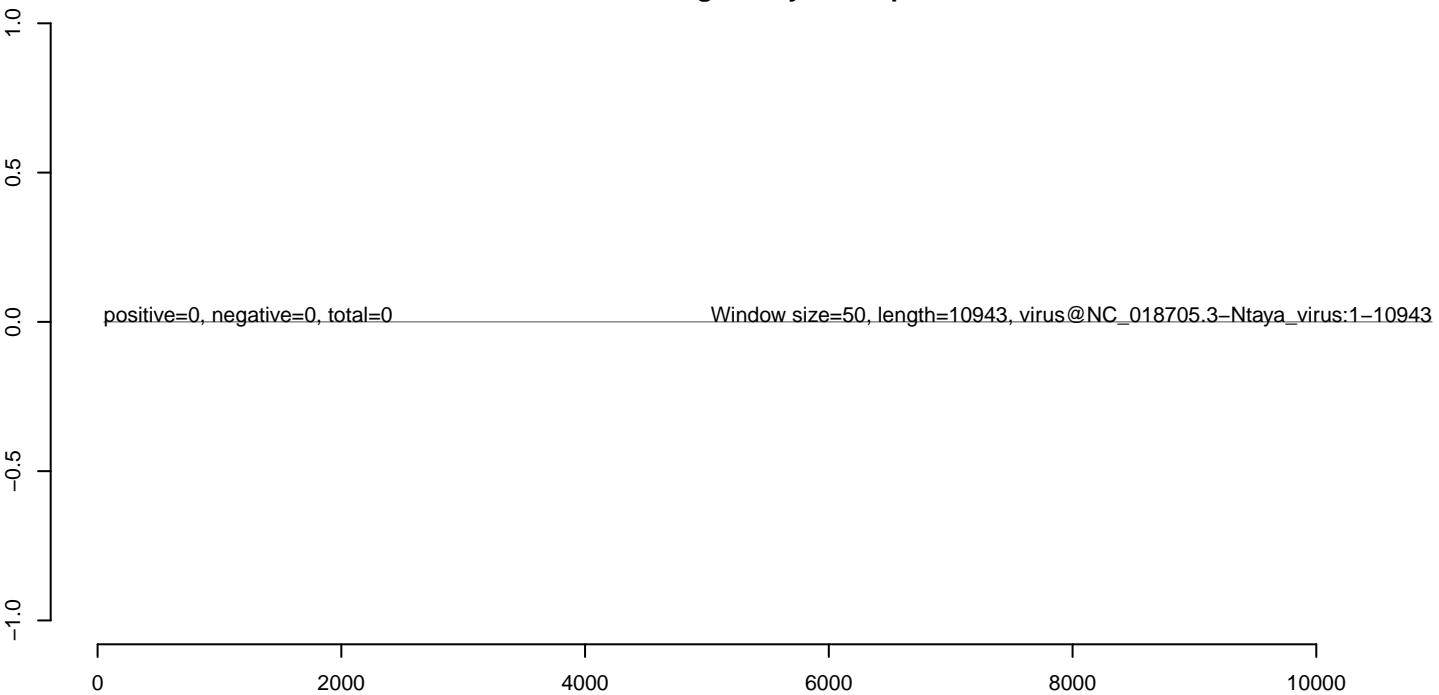
### AeAeg\_Ovary\_GH.18\_23.rep



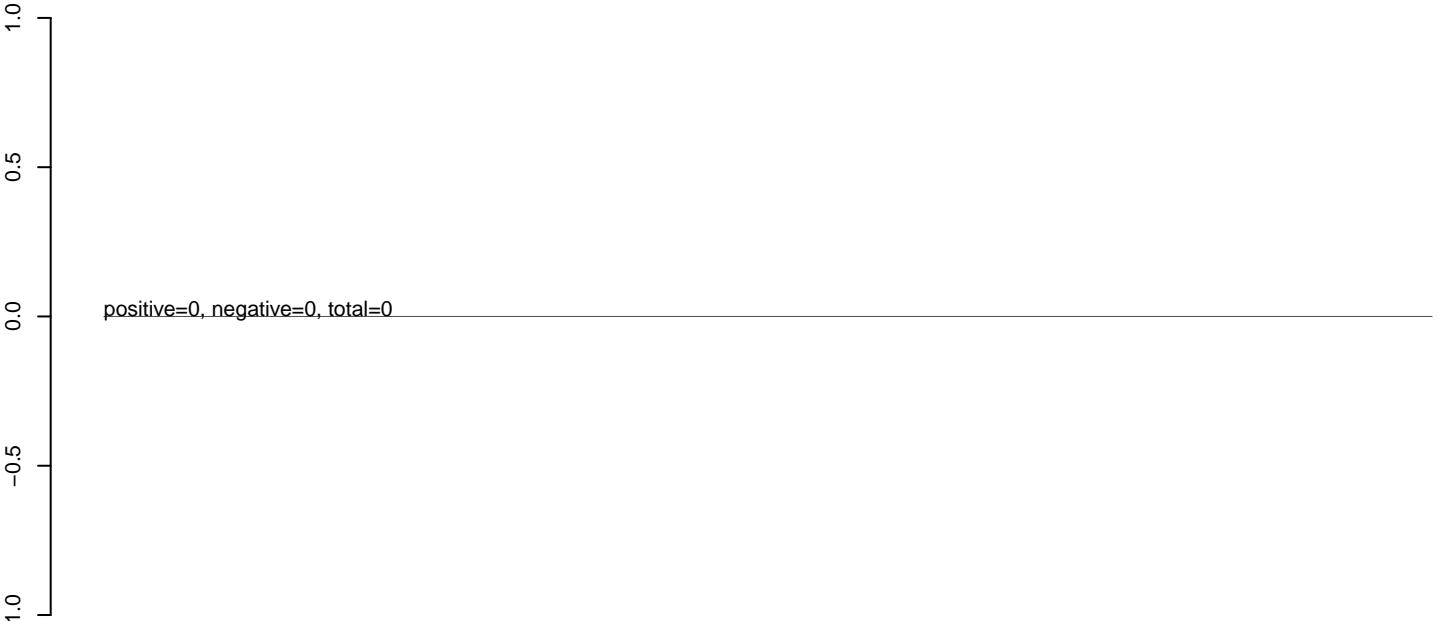
### AeAeg\_Ovary\_GH.24\_35.rep



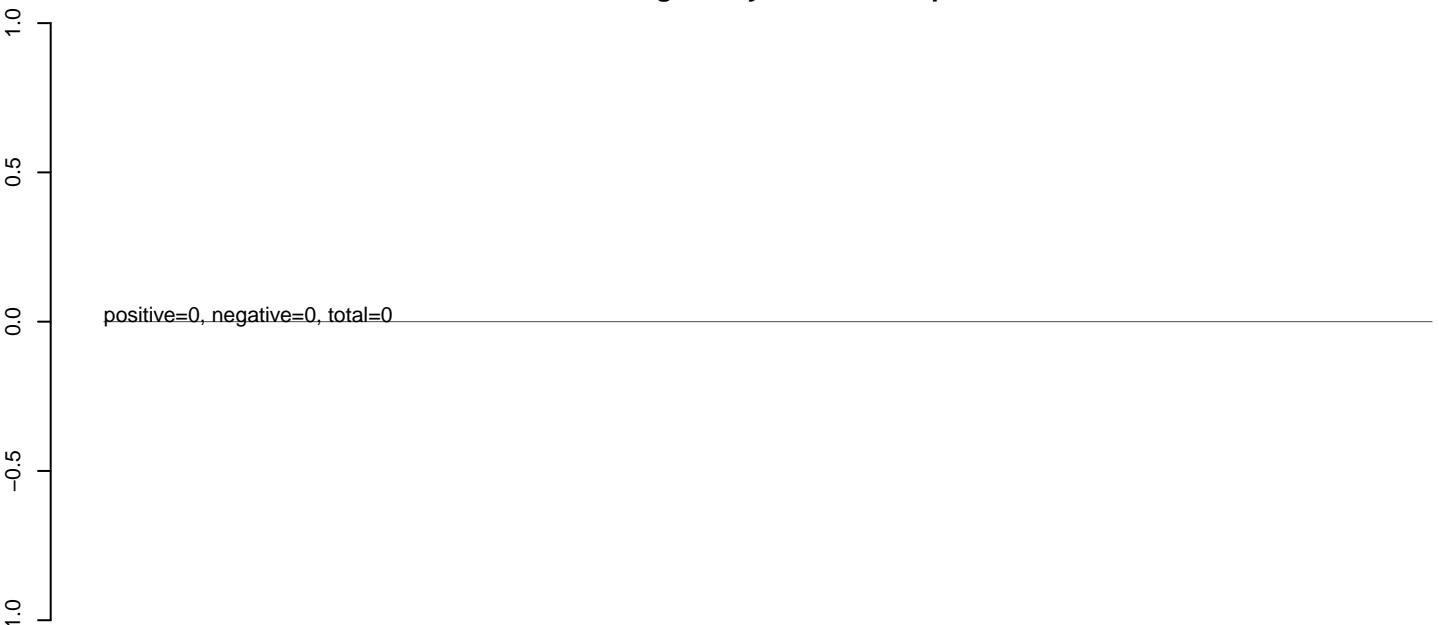
### AeAeg\_Ovary\_GH.rep



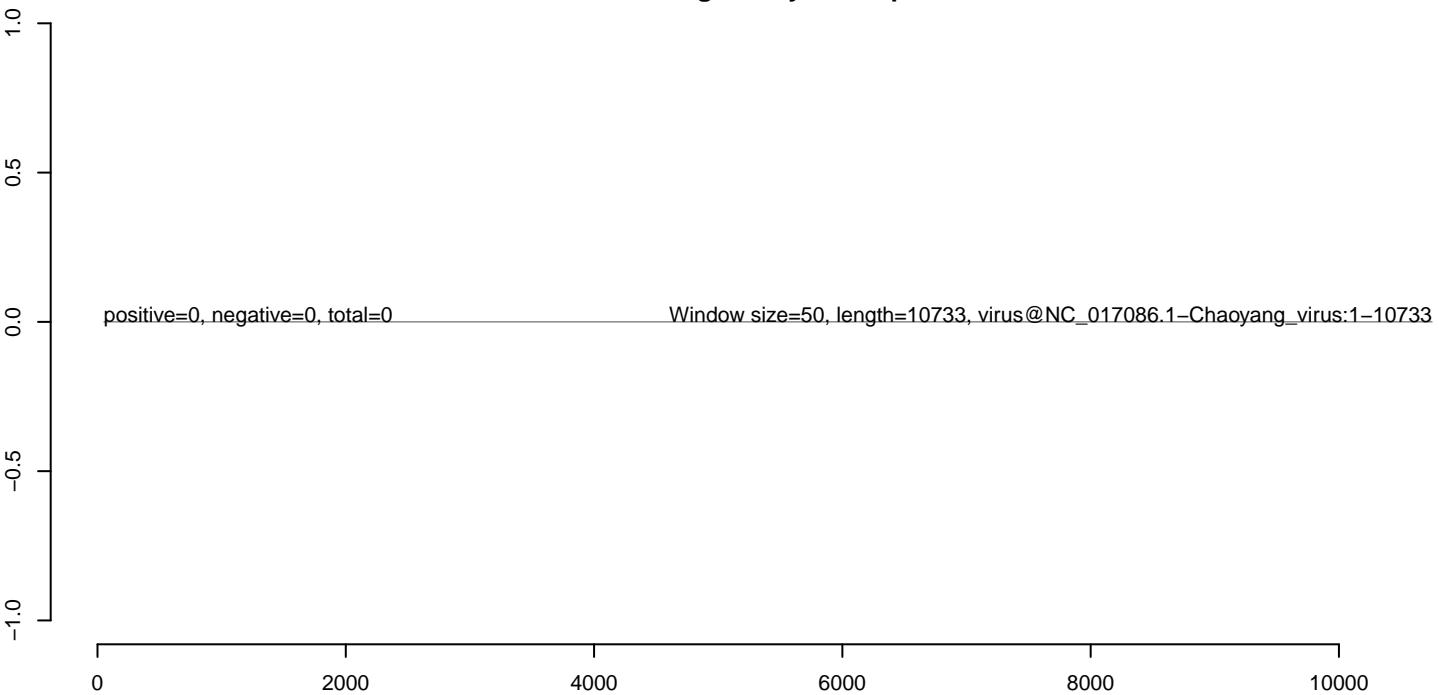
### AeAeg\_Ovary\_GH.18\_23.rep



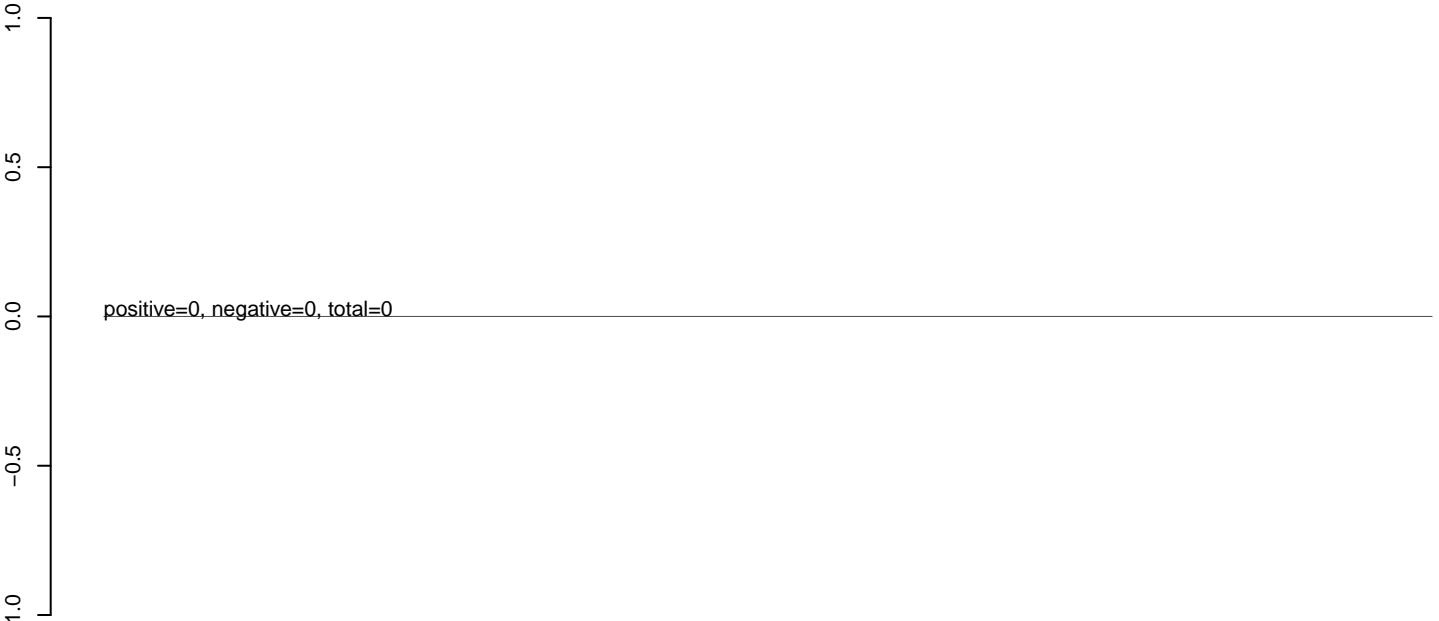
### AeAeg\_Ovary\_GH.24\_35.rep



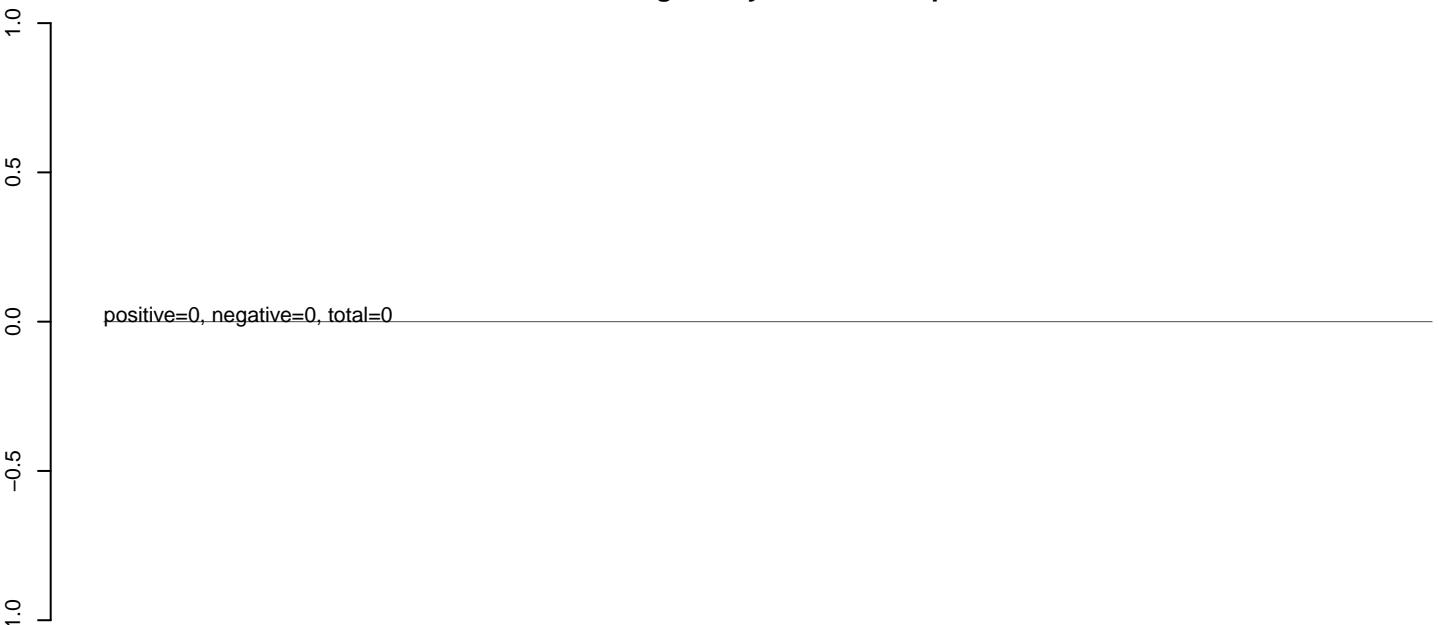
### AeAeg\_Ovary\_GH.rep



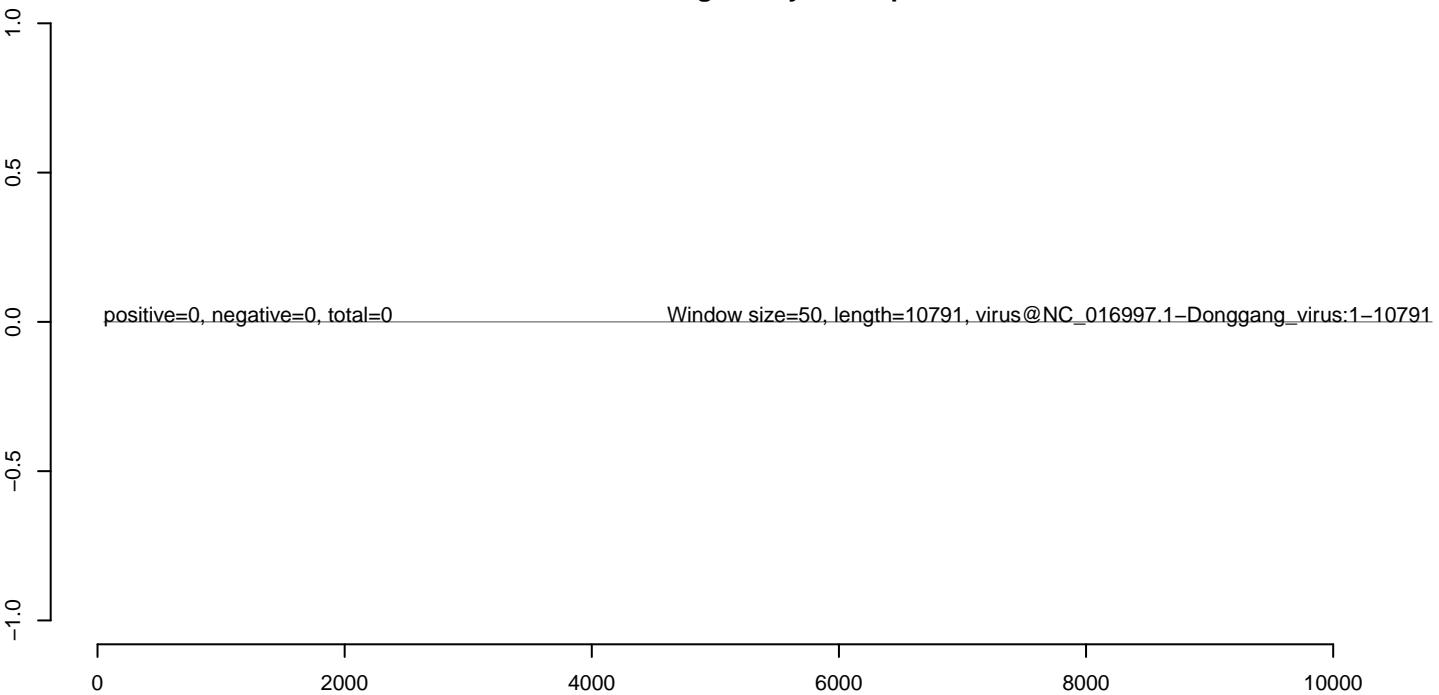
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11688, virus@NC\_016959.1–Ndumu\_virus:1–11688

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

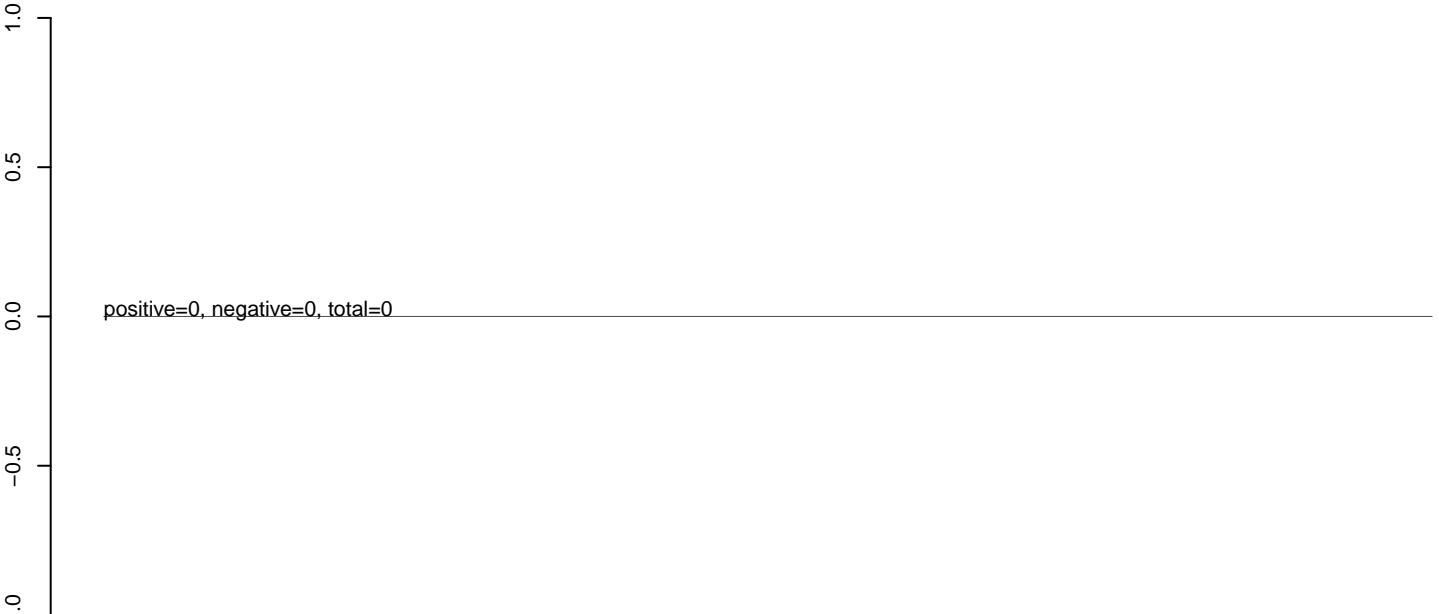
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

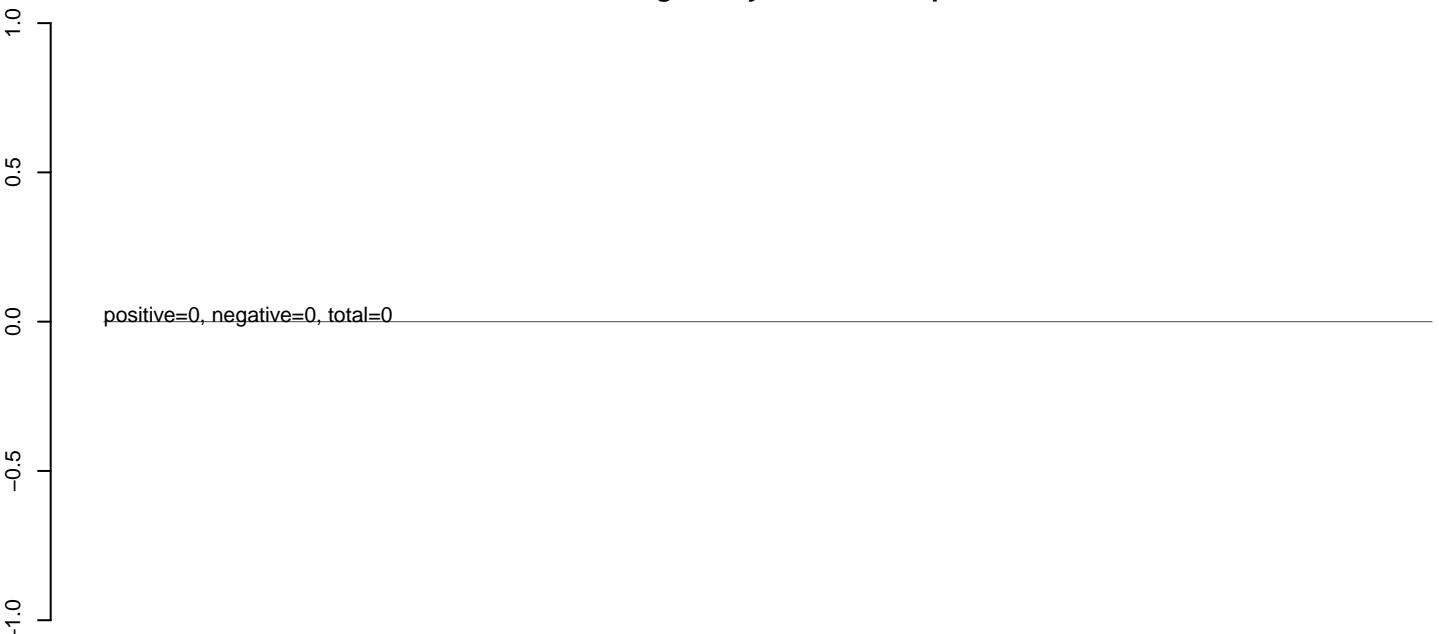
positive=0, negative=0, total=10990, virus@NC\_015843.2-Tembusu\_virus\_flavivirus\_polyprotein\_flavivirus\_polyprotein\_gene\_gene:1-10990

0 2000 4000 6000 8000 10000

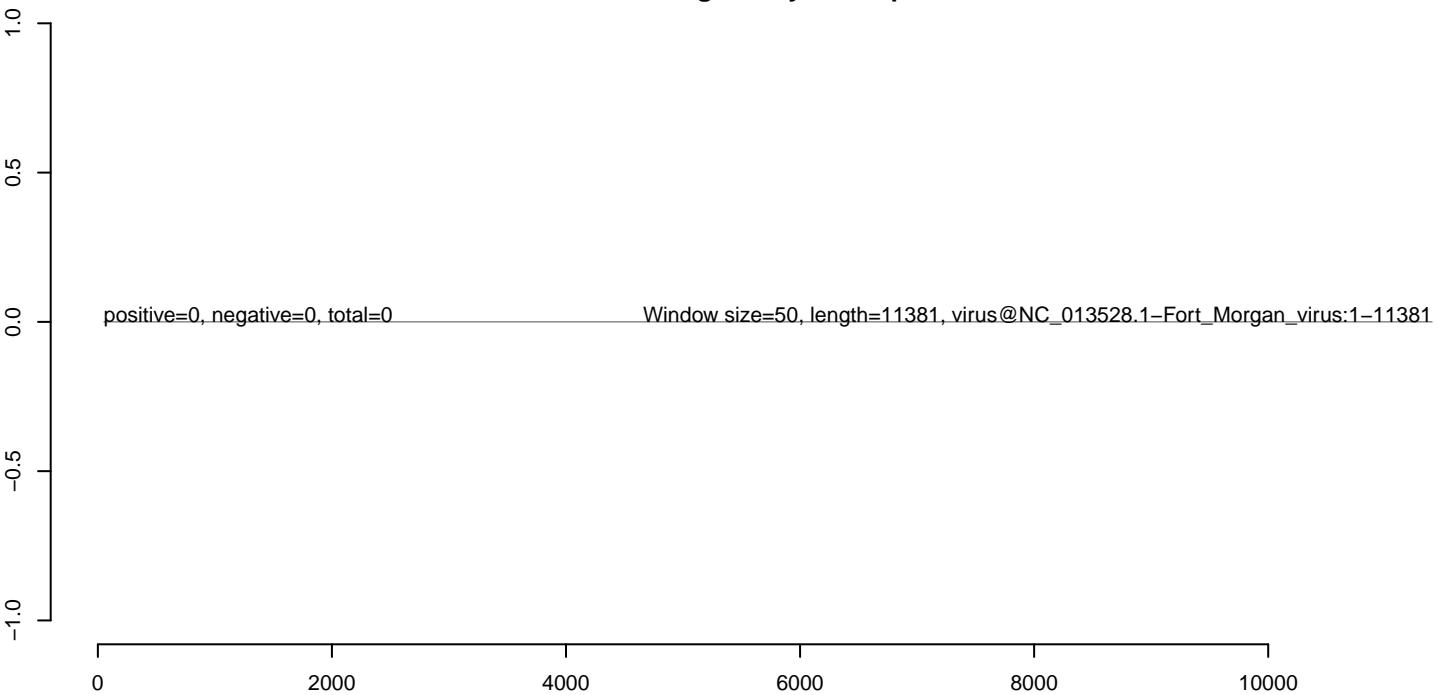
### AeAeg\_Ovary\_GH.18\_23.rep



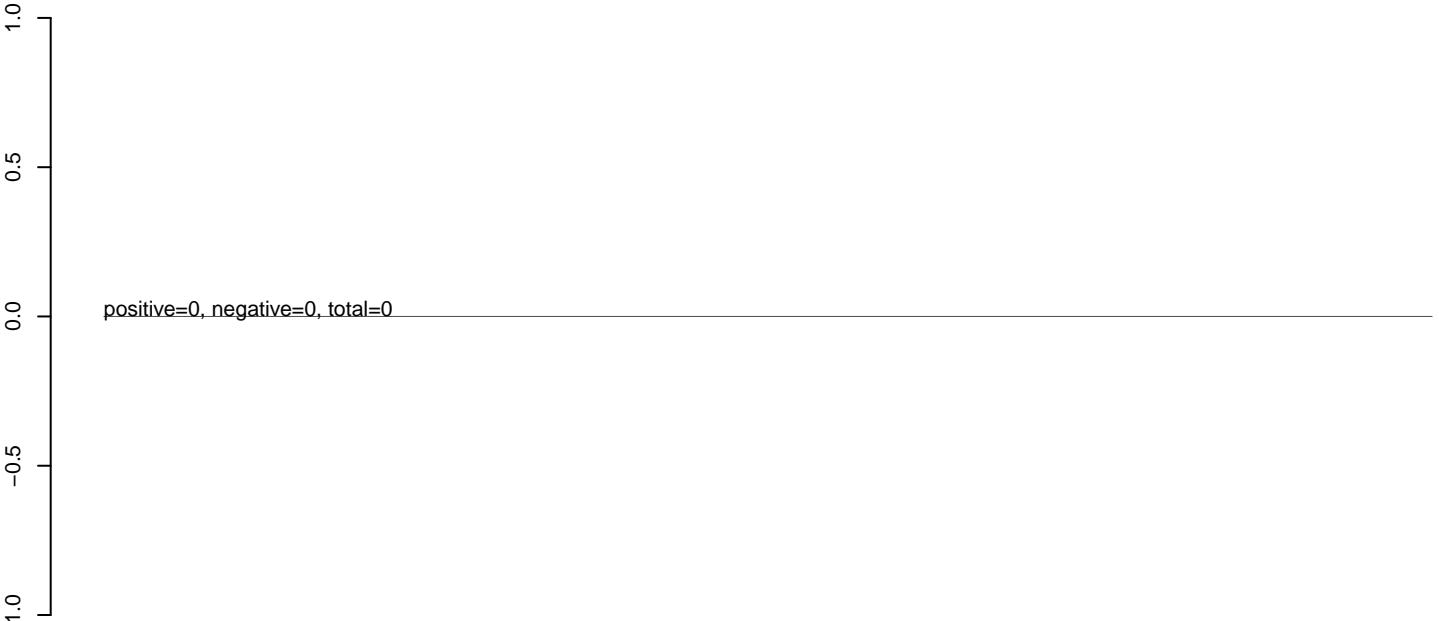
### AeAeg\_Ovary\_GH.24\_35.rep



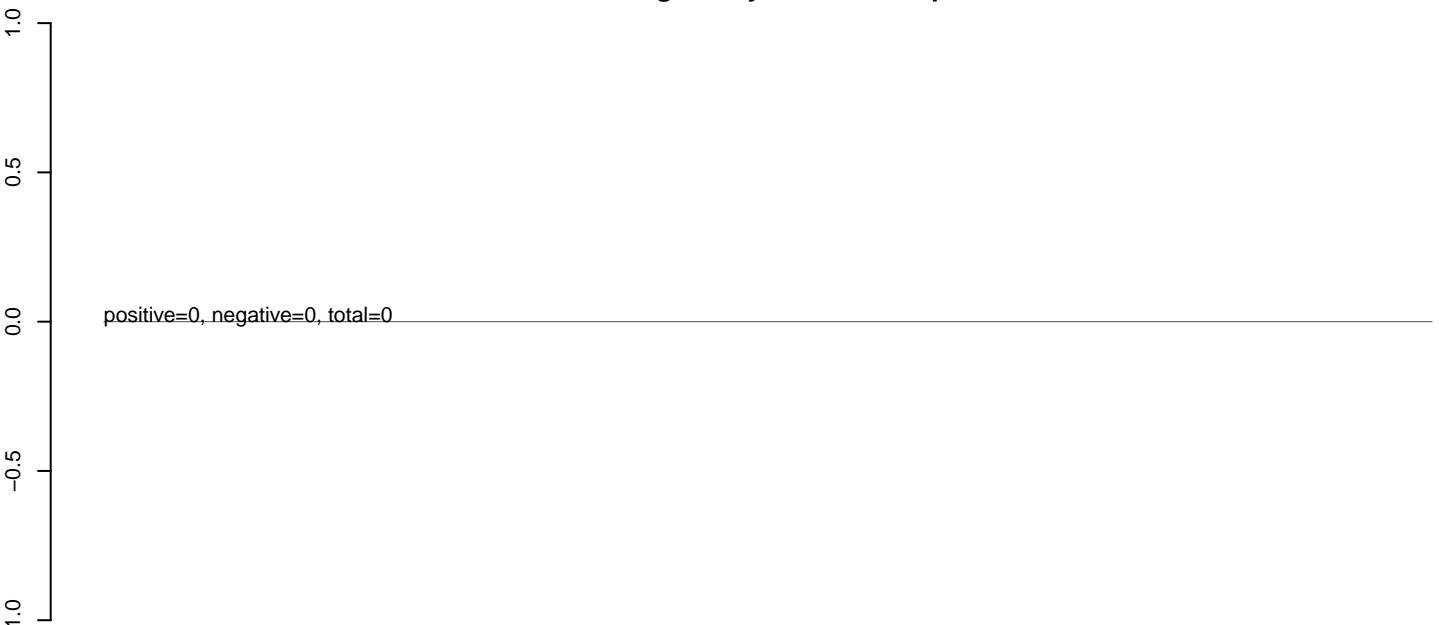
### AeAeg\_Ovary\_GH.rep



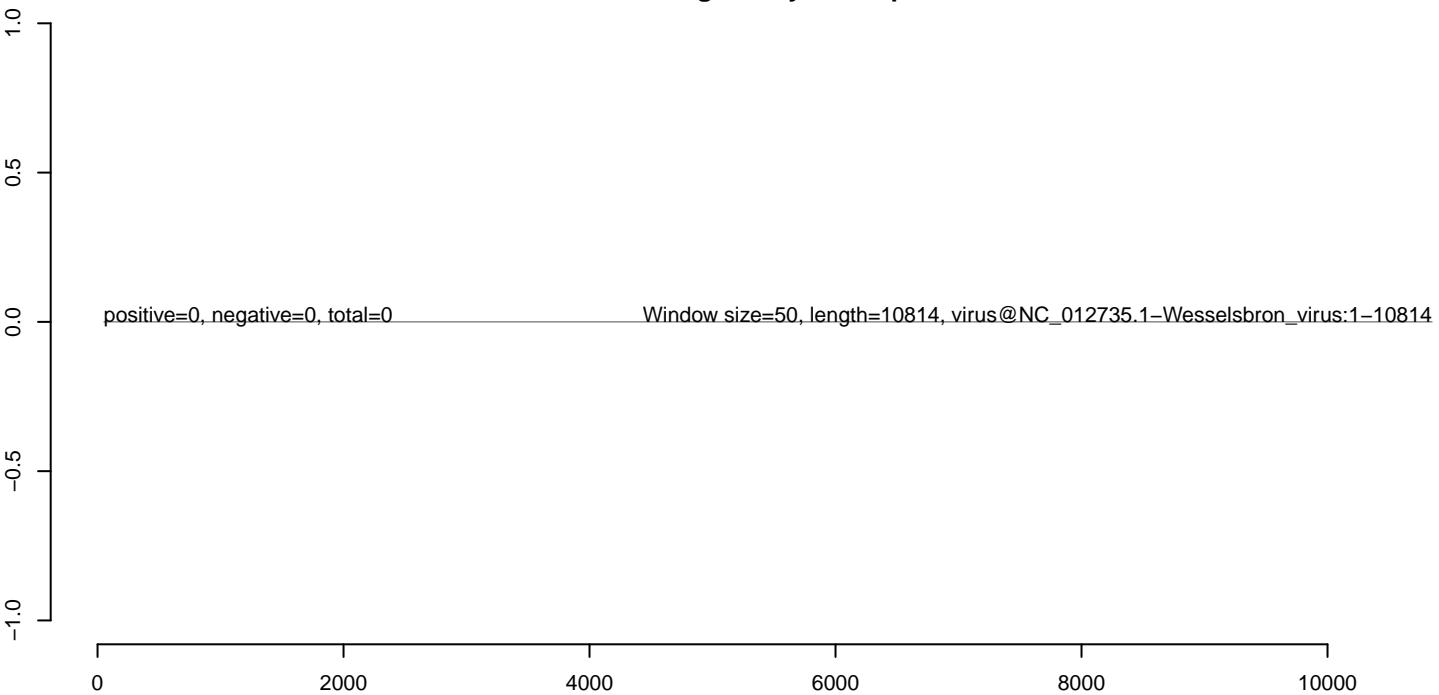
### AeAeg\_Ovary\_GH.18\_23.rep



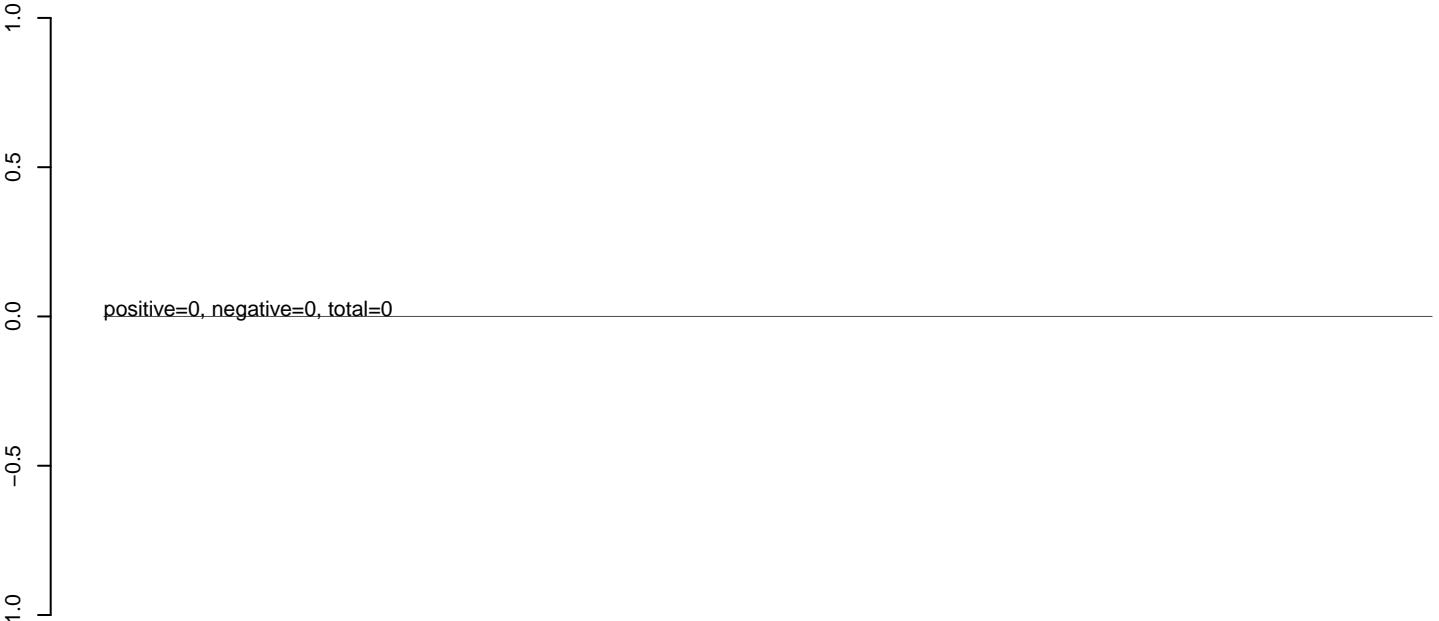
### AeAeg\_Ovary\_GH.24\_35.rep



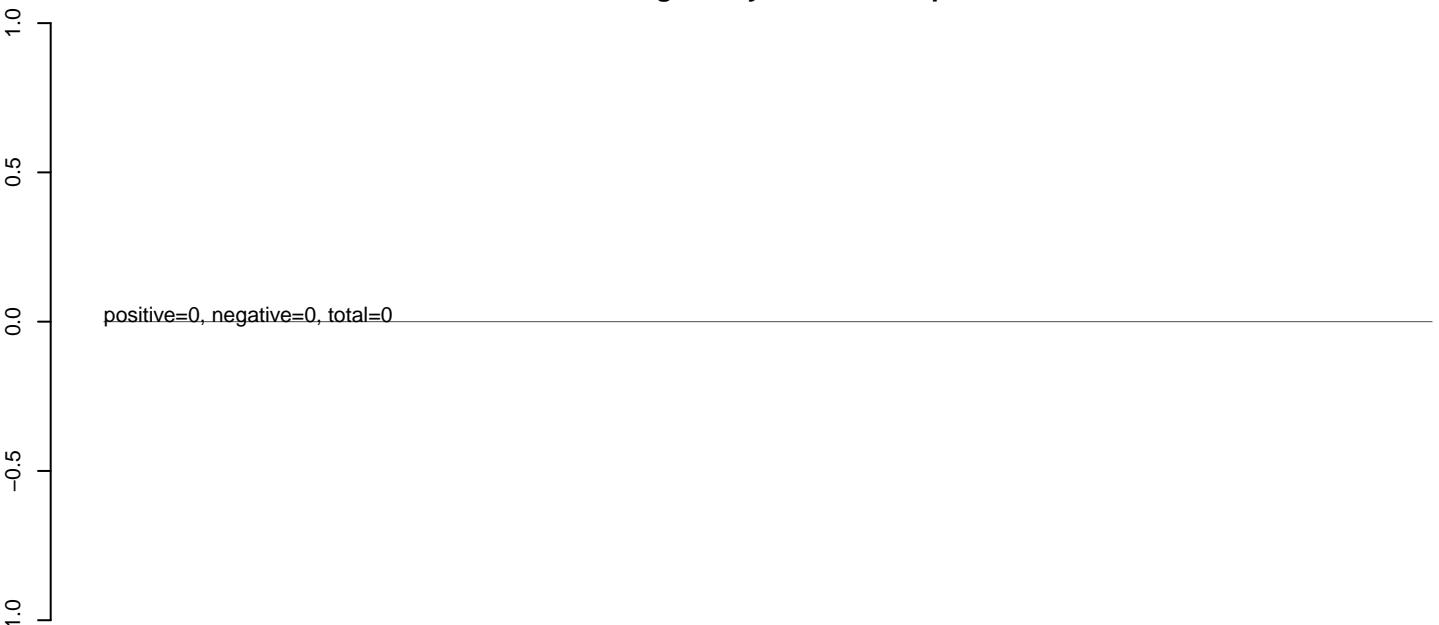
### AeAeg\_Ovary\_GH.rep



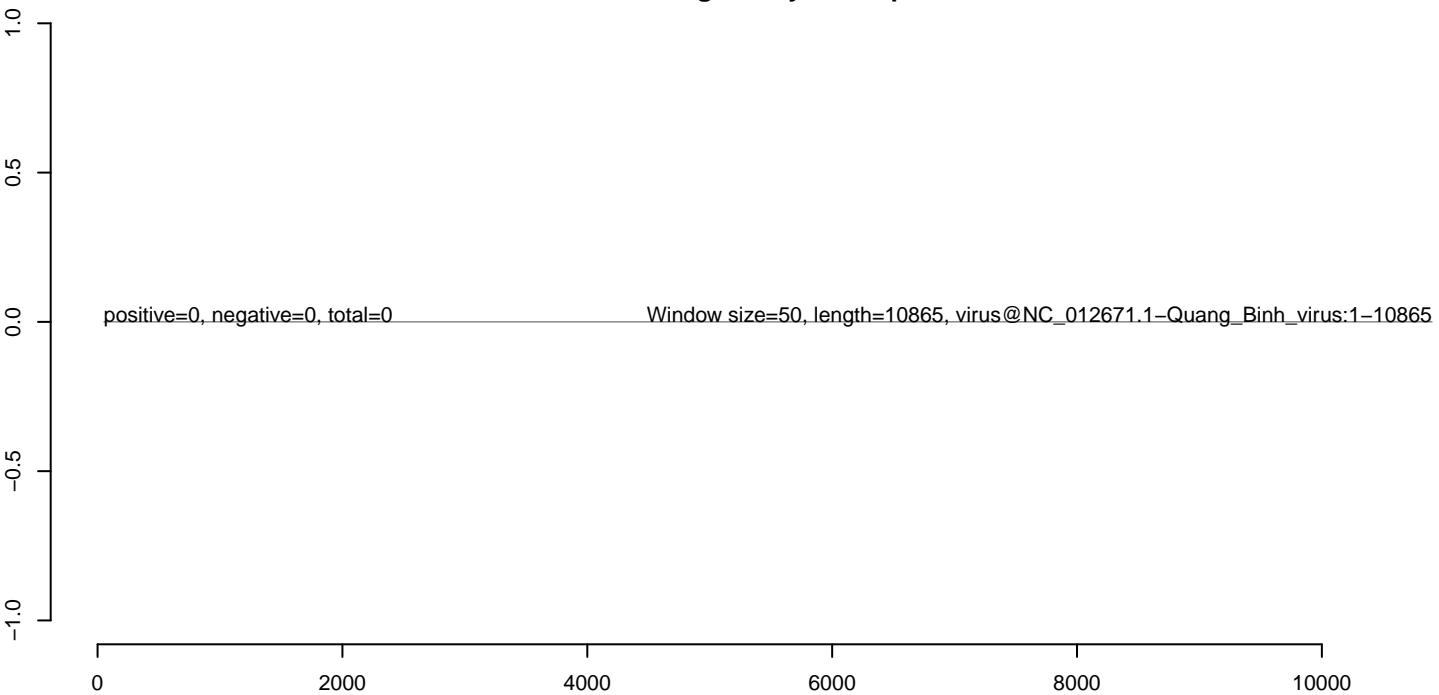
### AeAeg\_Ovary\_GH.18\_23.rep



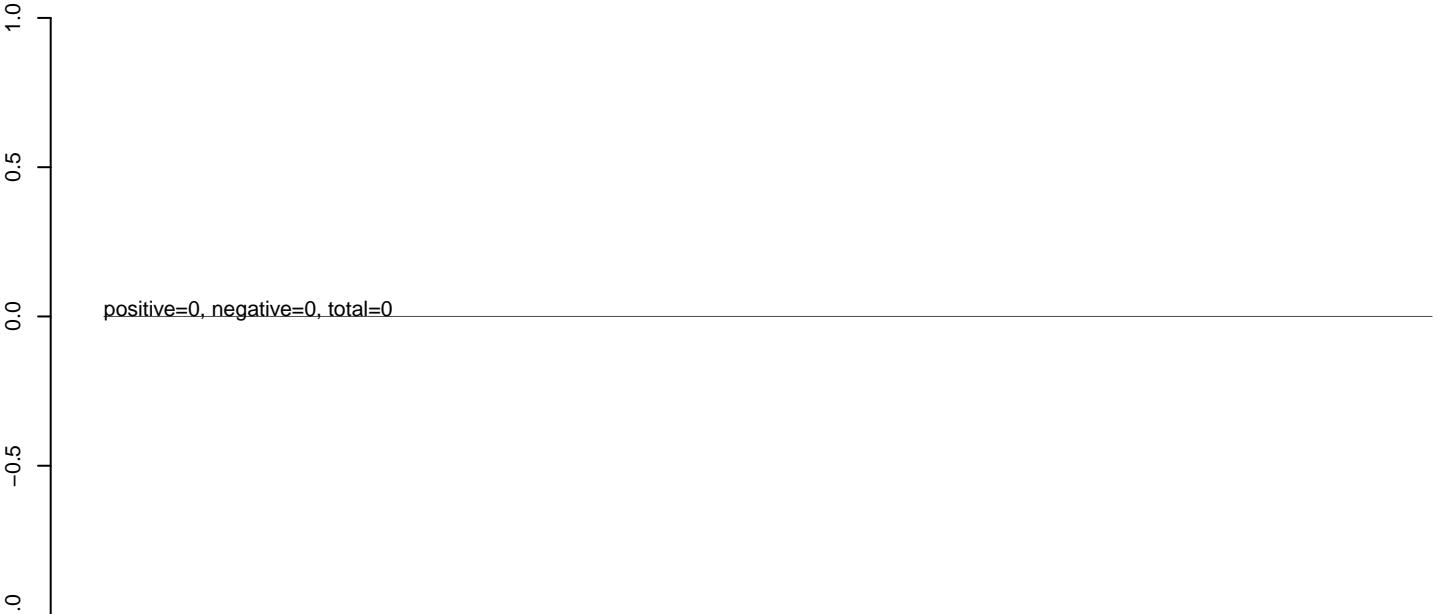
### AeAeg\_Ovary\_GH.24\_35.rep



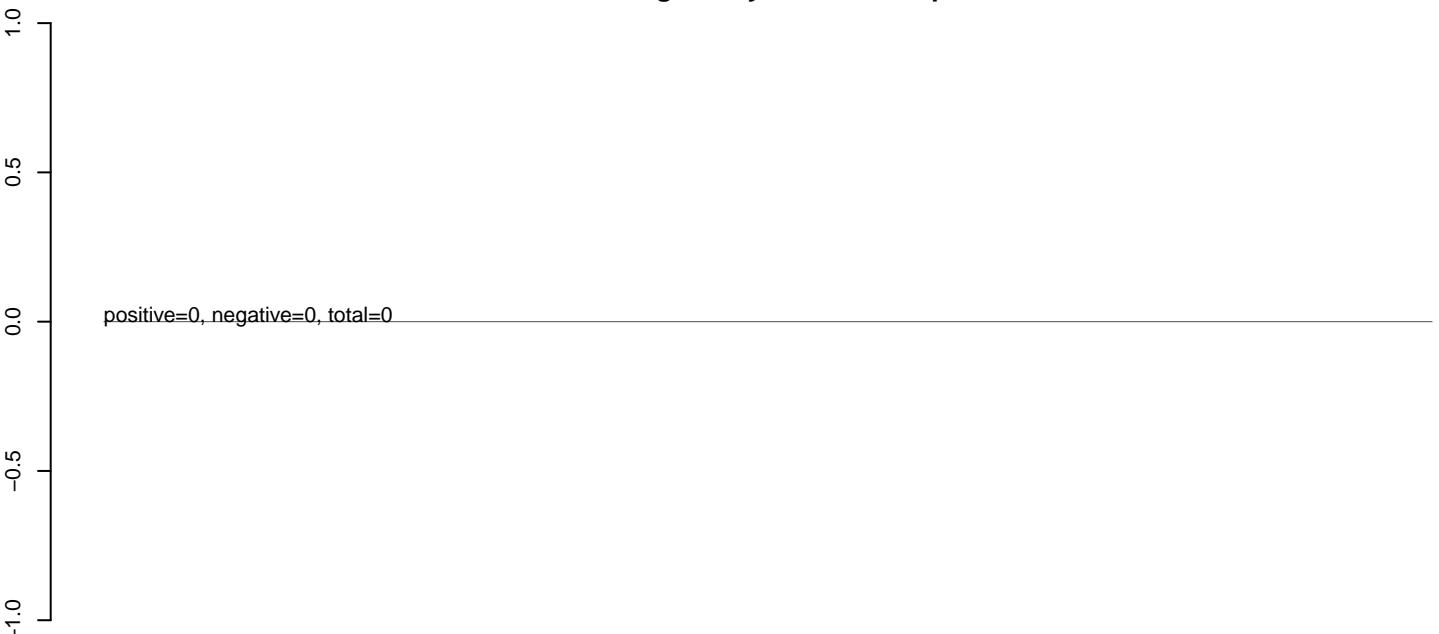
### AeAeg\_Ovary\_GH.rep



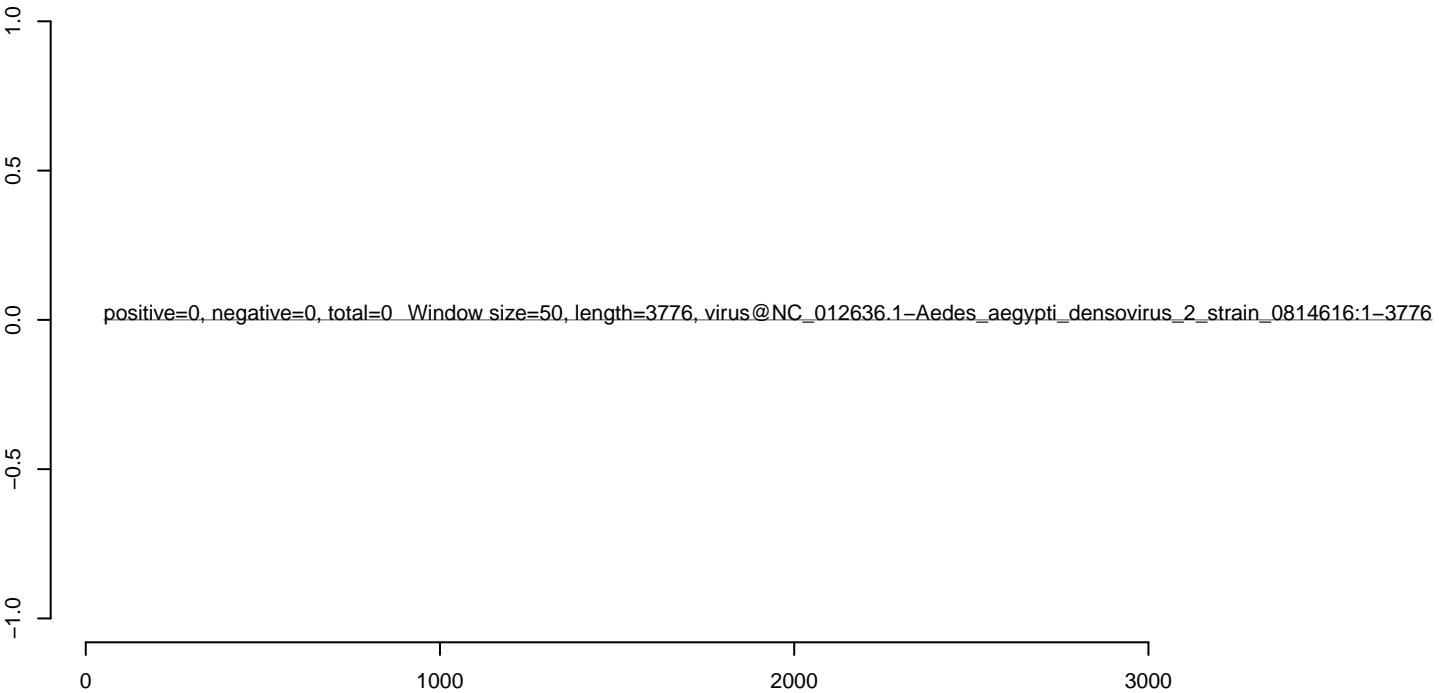
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11526, virus@NC\_012561.1-Highlands\_J\_virus:1-11526

0 2000 4000 6000 8000 10000 12000



positive=0, negative=0, total=0

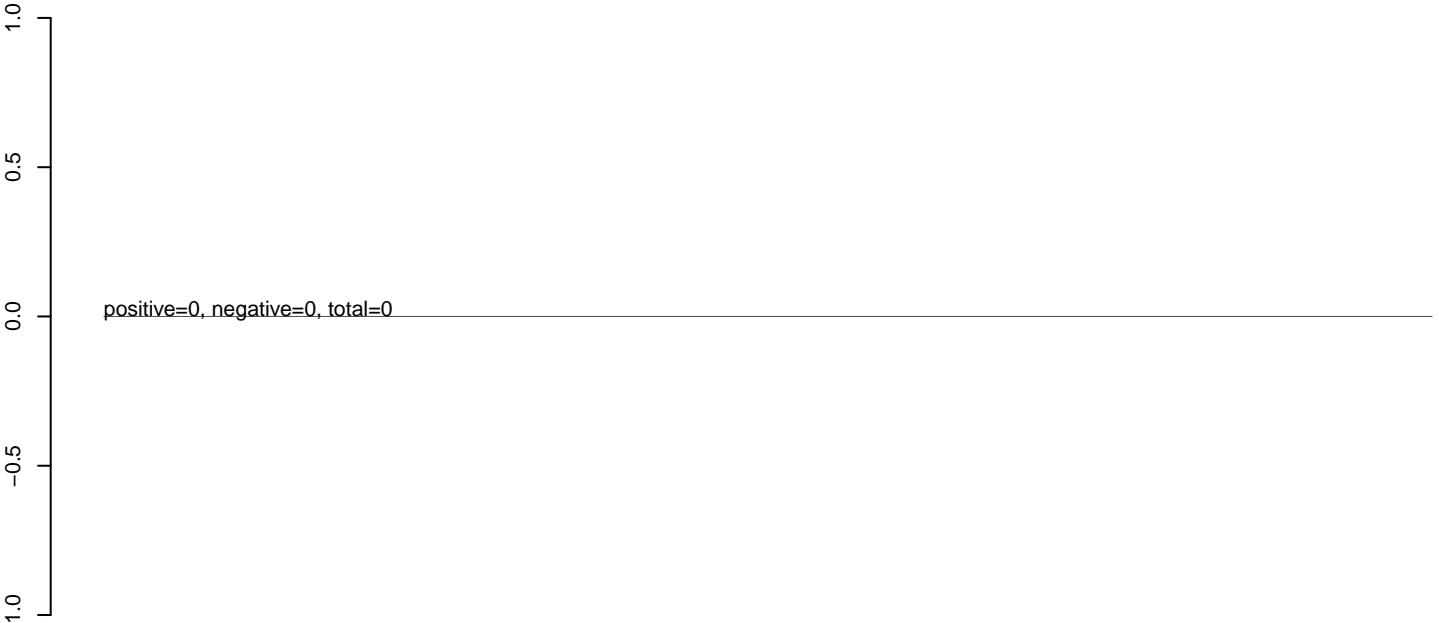


positive=0, negative=0, total=0

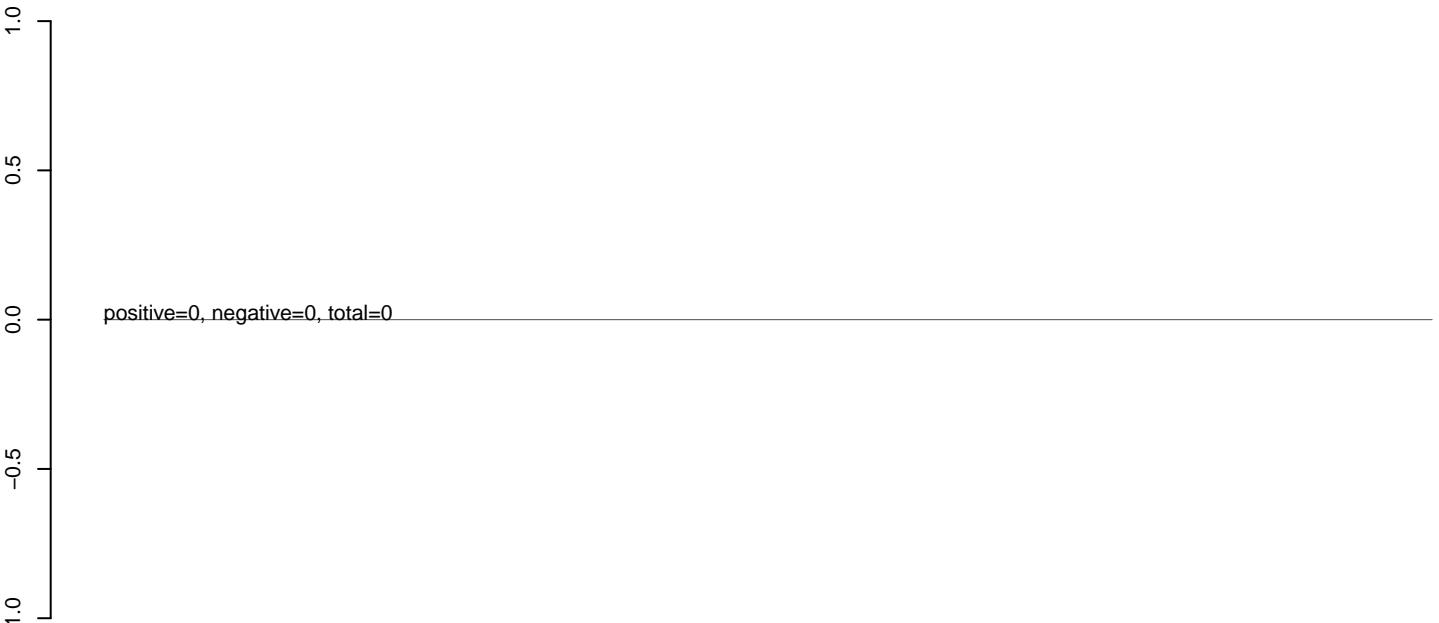


positive=0, negative=0, width=10, height=10, length=10794, virus@NC\_012532.1-Zika\_virus\_isolate\_ZIKV\_Monkey\_Uganda\_MR766\_1947:1-10794

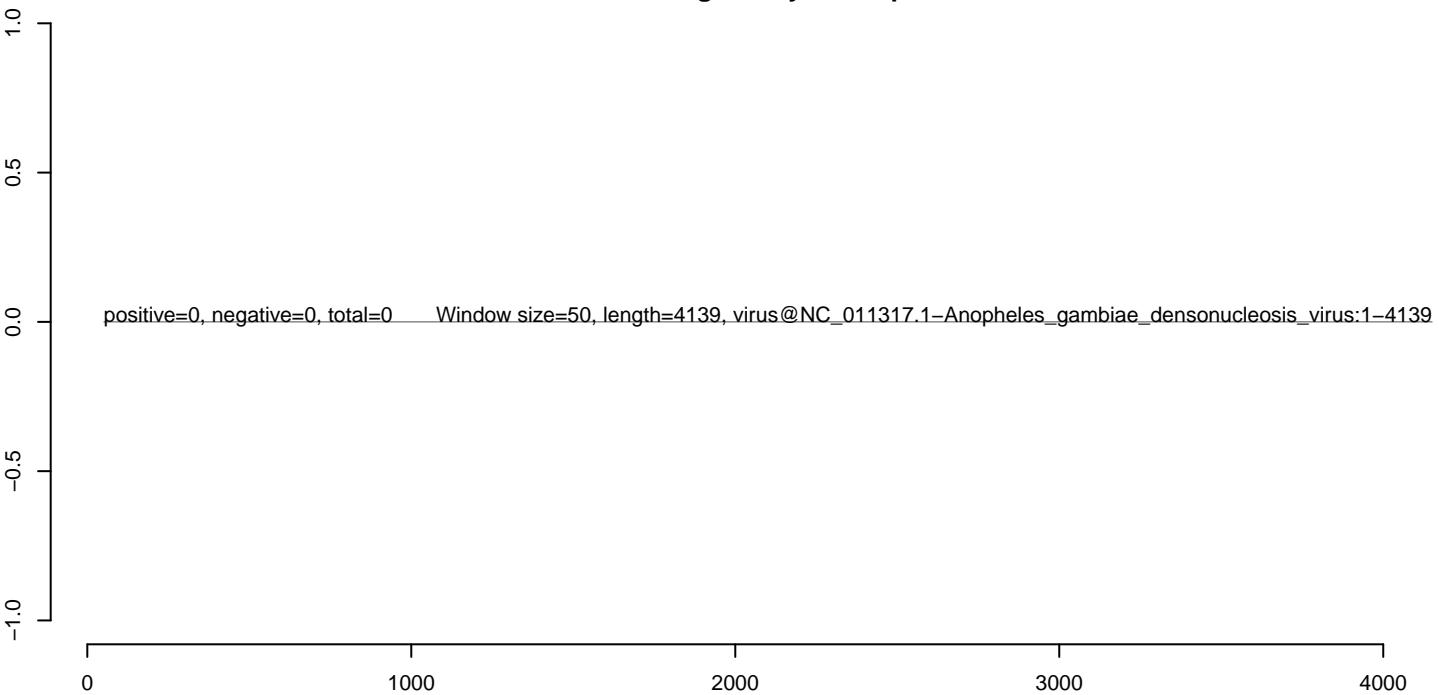
### AeAeg\_Ovary\_GH.18\_23.rep



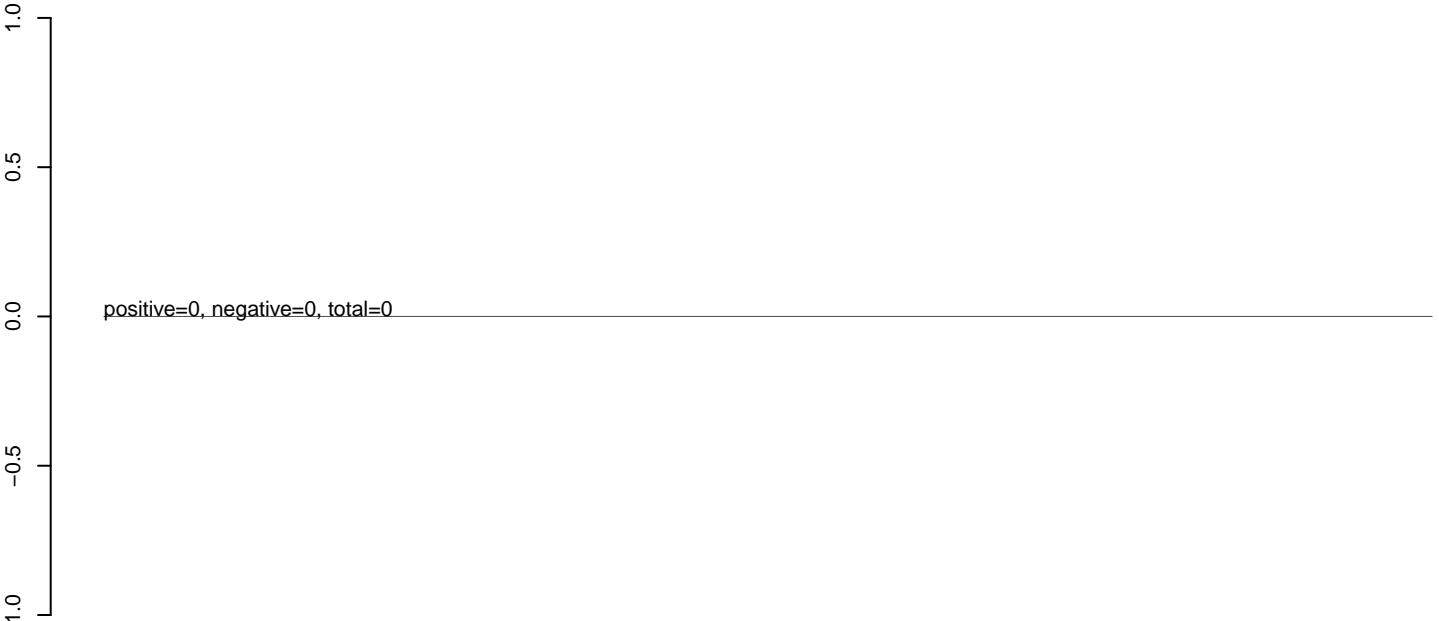
### AeAeg\_Ovary\_GH.24\_35.rep



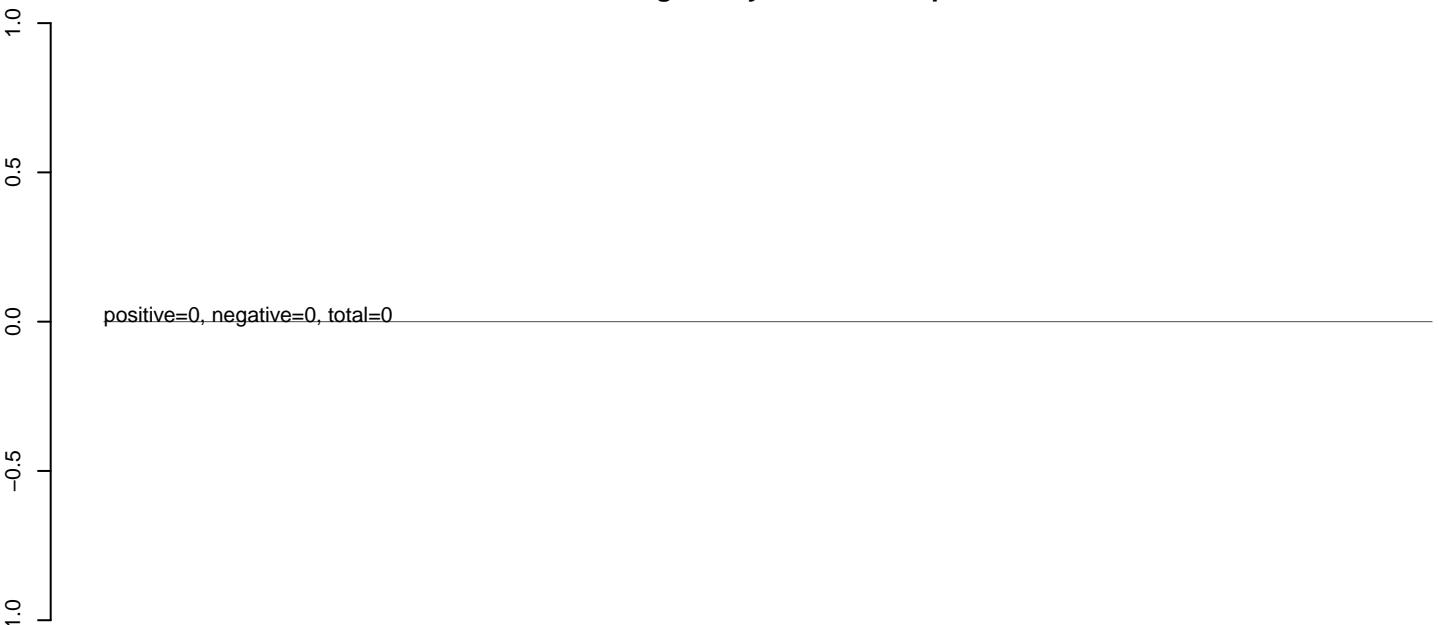
### AeAeg\_Ovary\_GH.rep



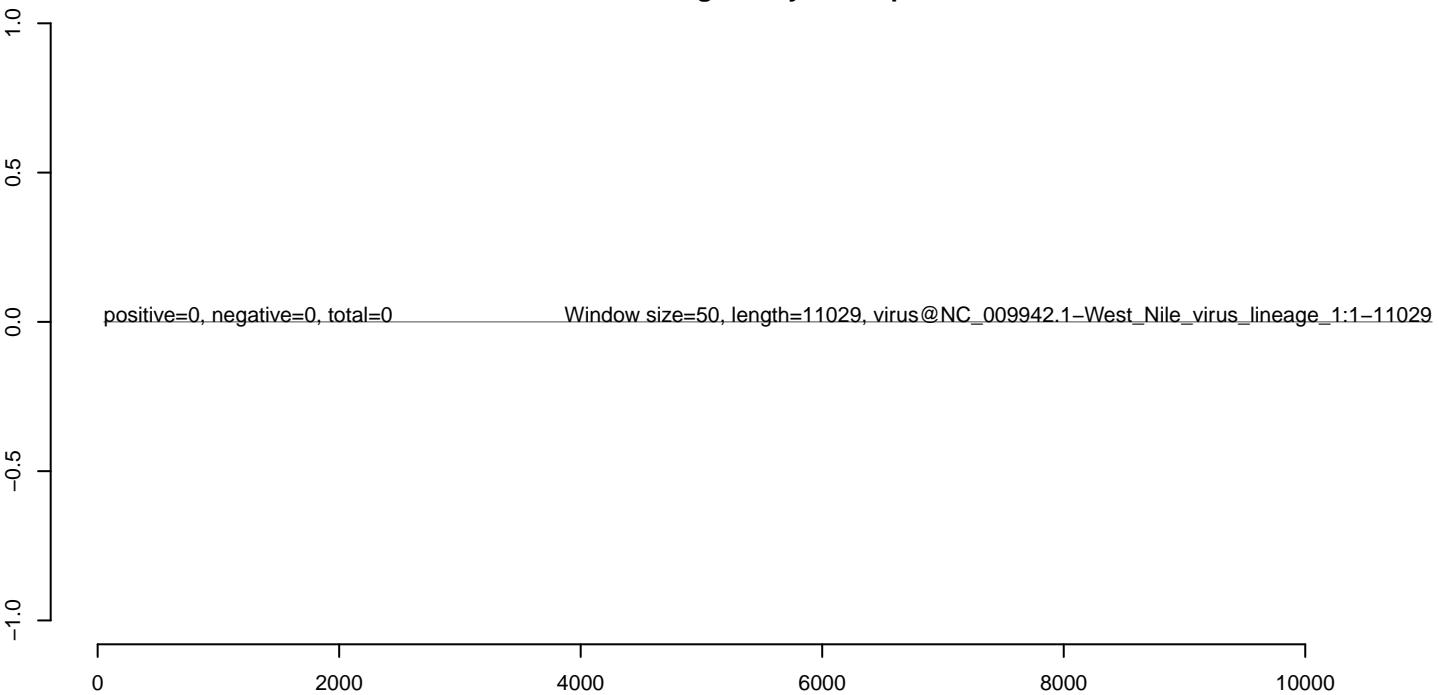
### AeAeg\_Ovary\_GH.18\_23.rep



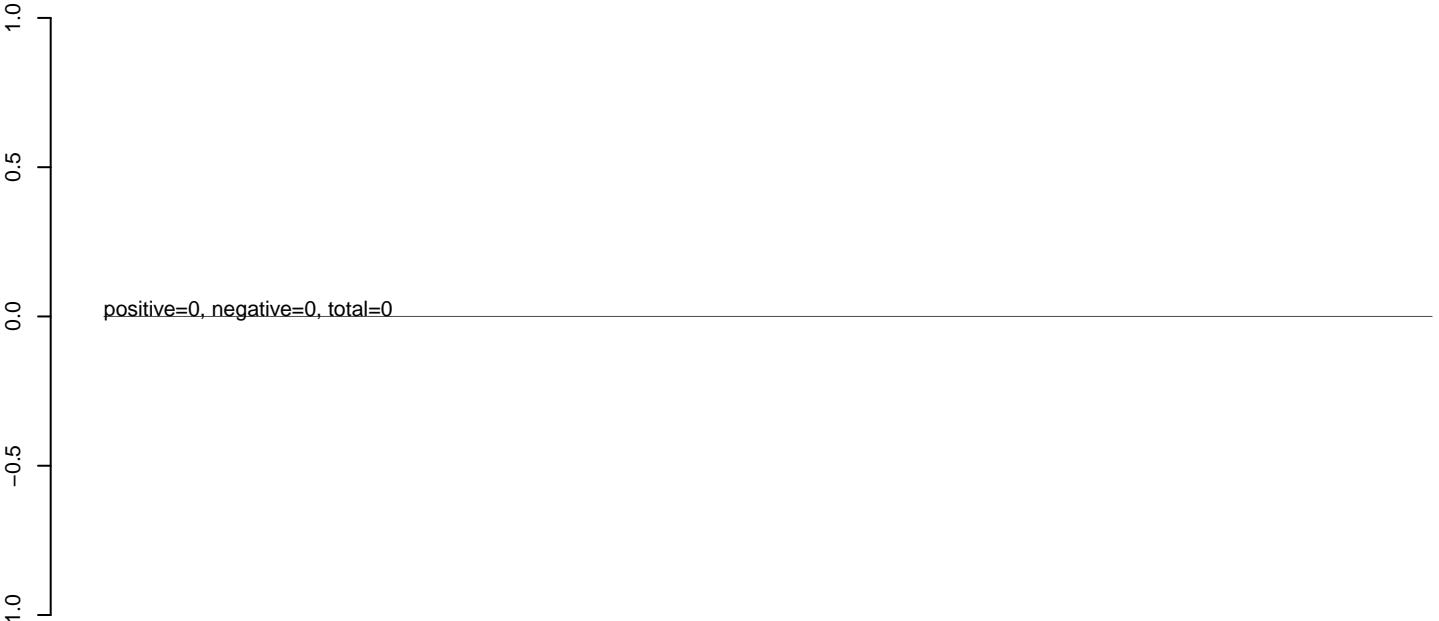
### AeAeg\_Ovary\_GH.24\_35.rep



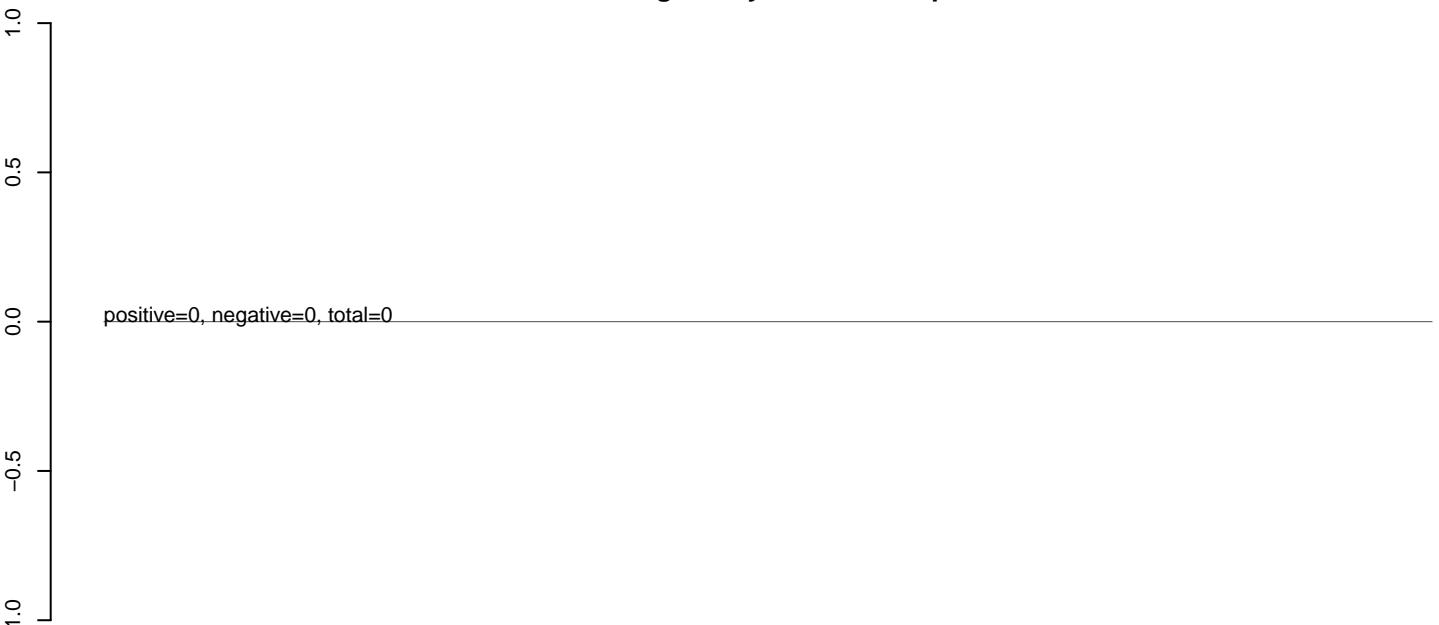
### AeAeg\_Ovary\_GH.rep



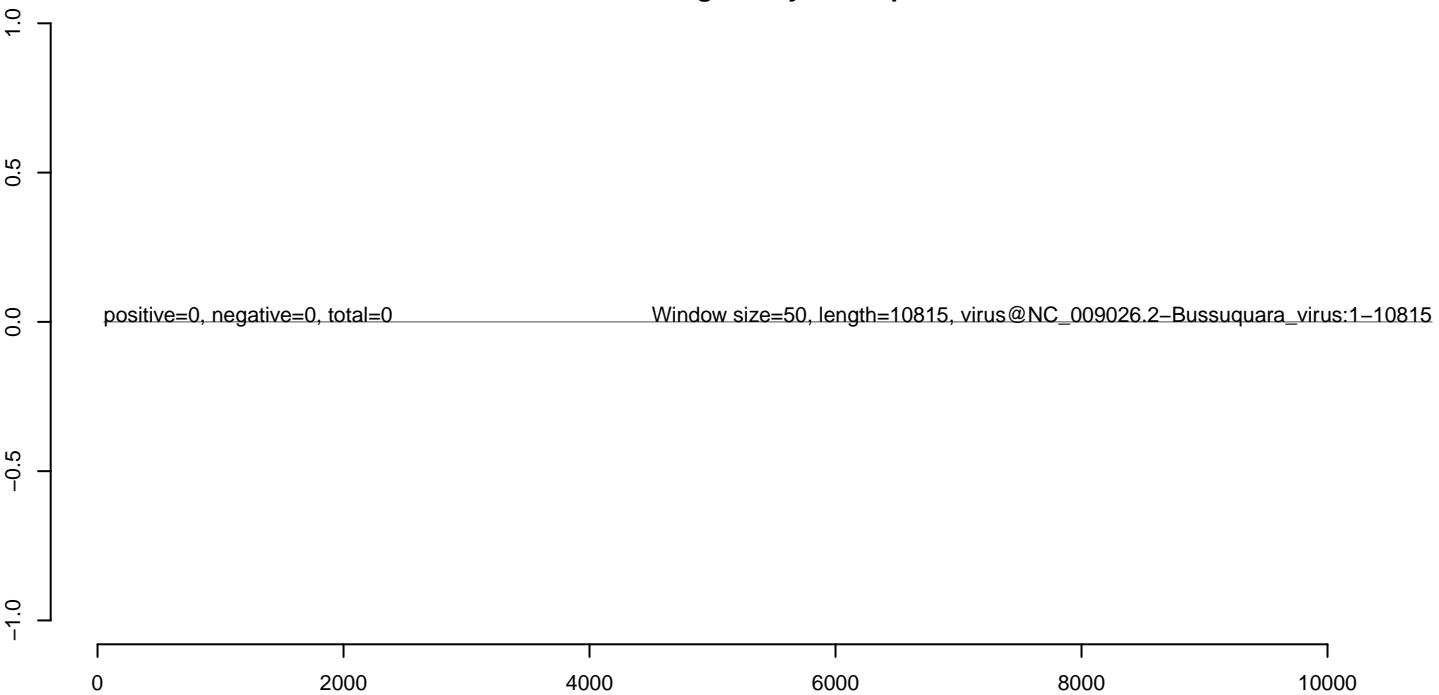
### AeAeg\_Ovary\_GH.18\_23.rep



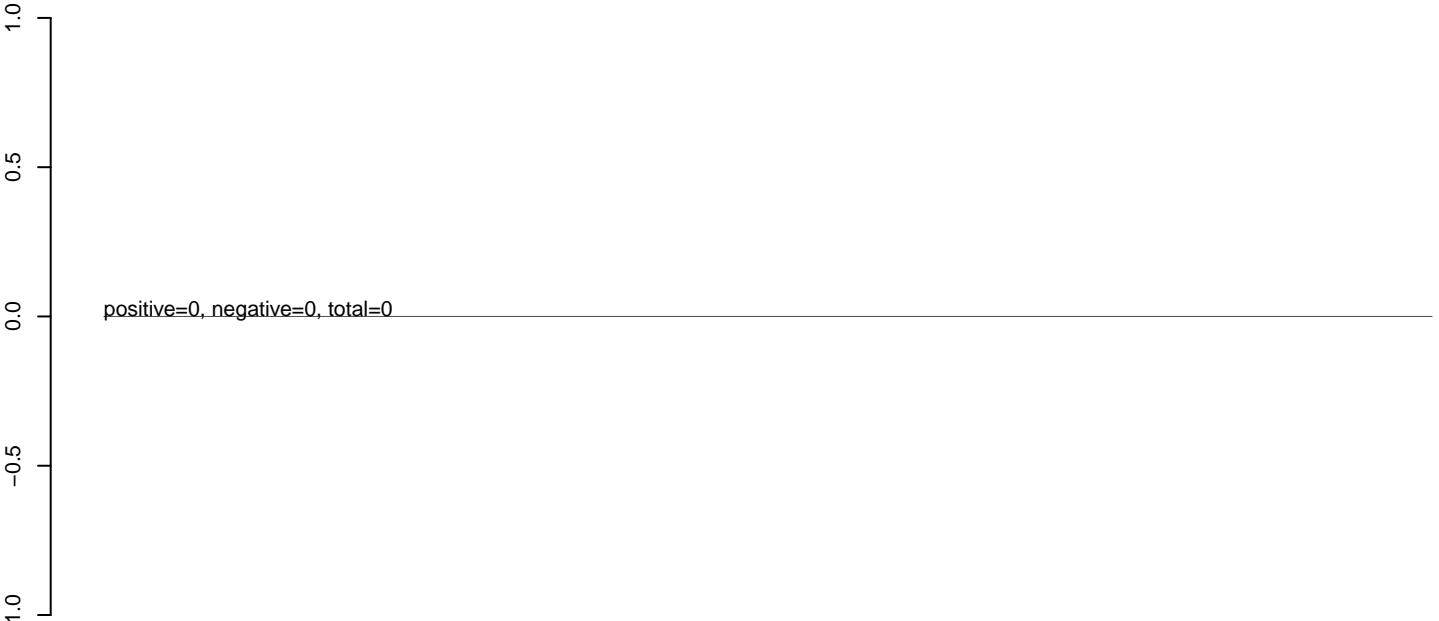
### AeAeg\_Ovary\_GH.24\_35.rep



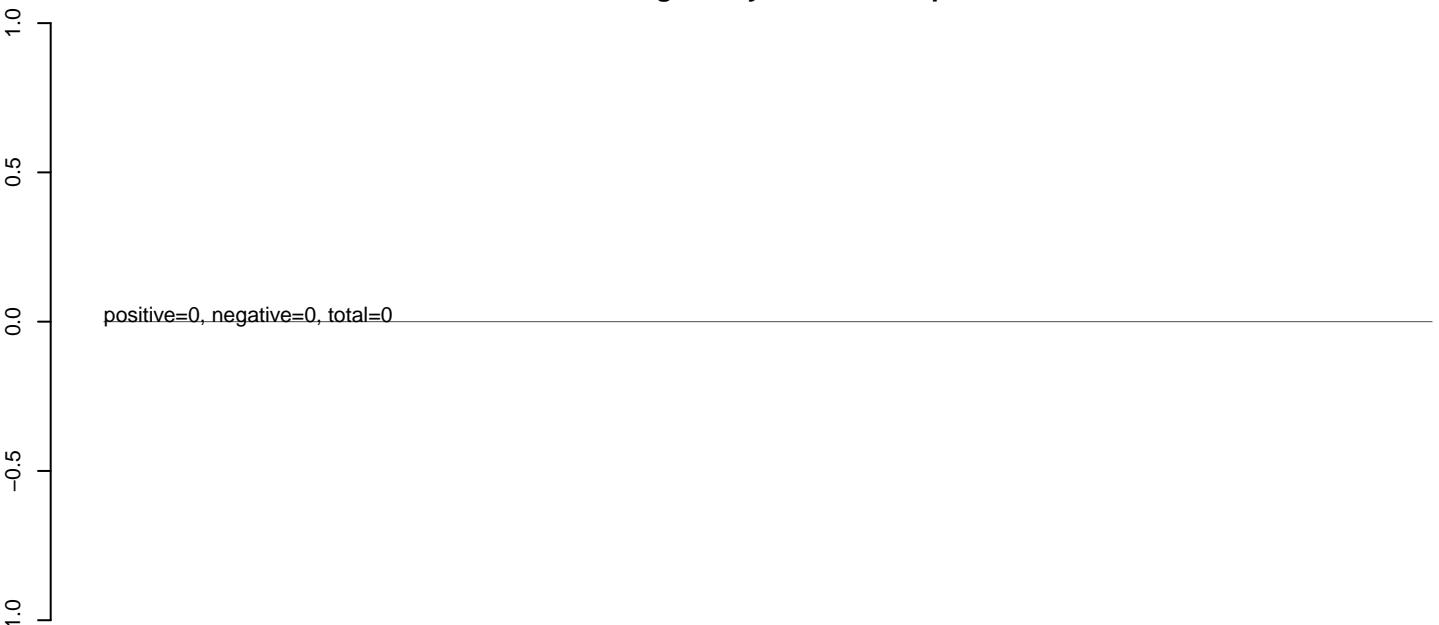
### AeAeg\_Ovary\_GH.rep



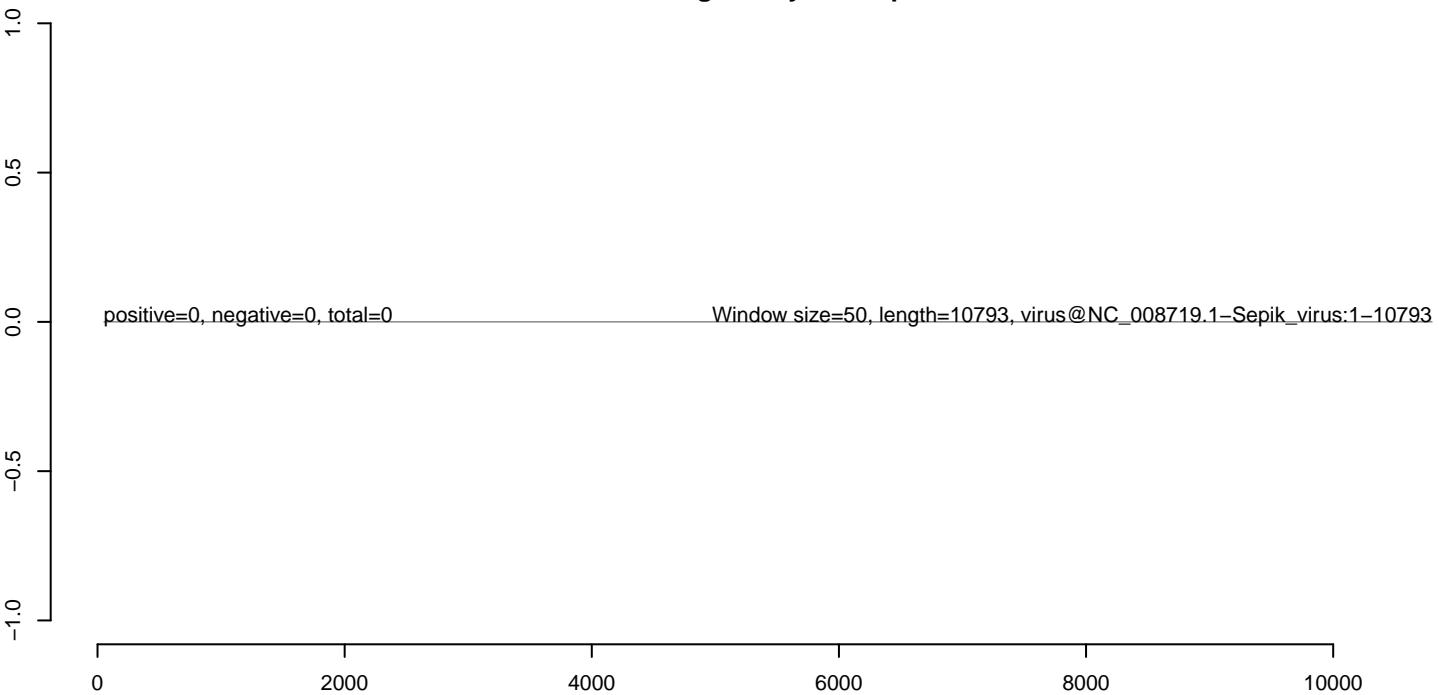
### AeAeg\_Ovary\_GH.18\_23.rep



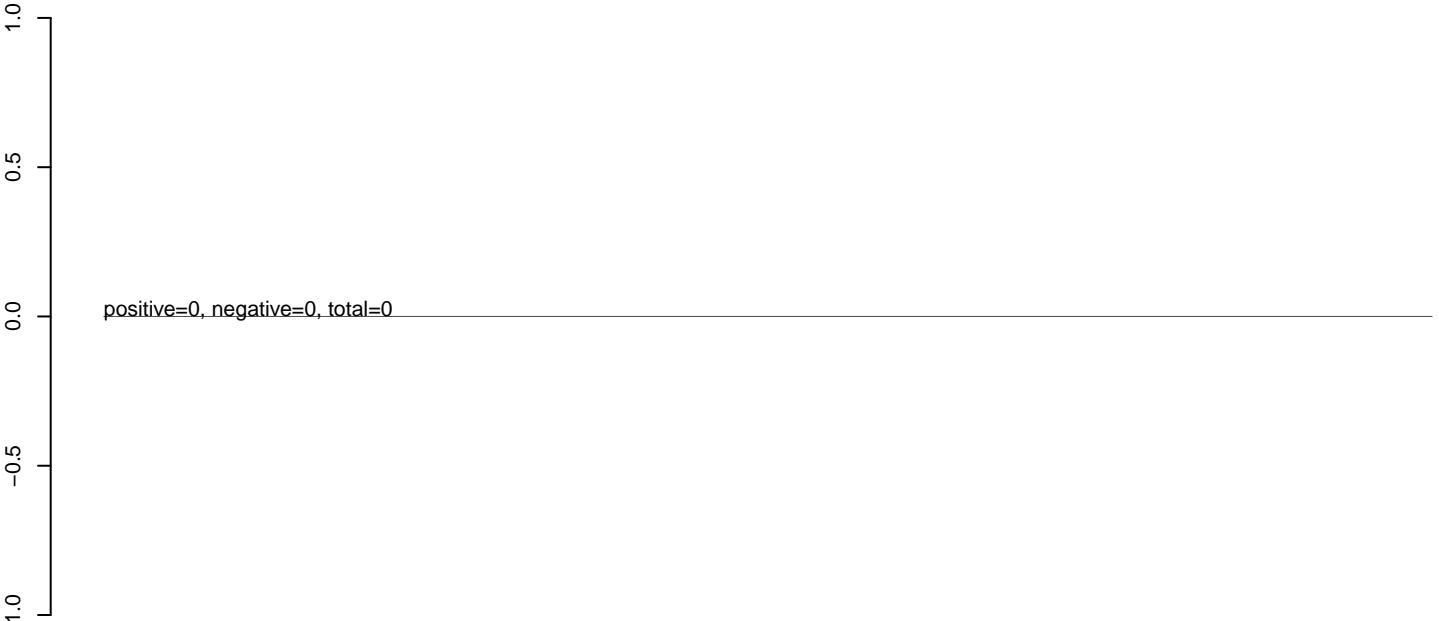
### AeAeg\_Ovary\_GH.24\_35.rep



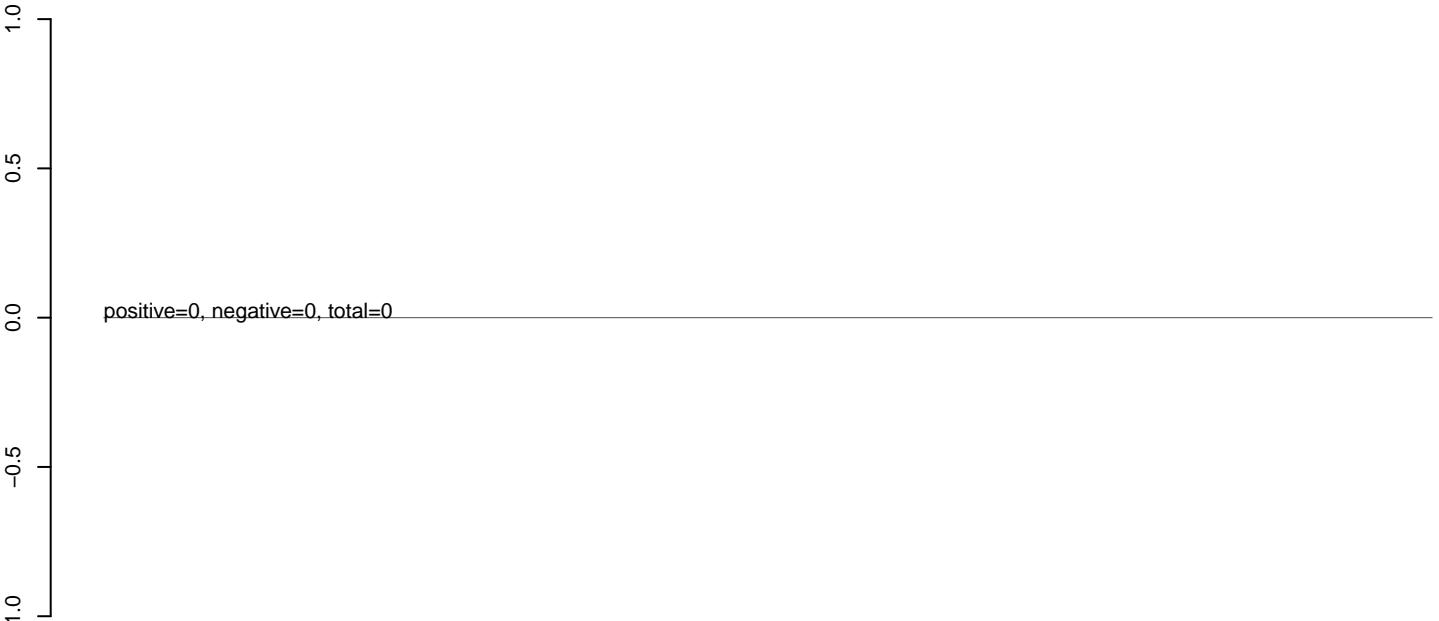
### AeAeg\_Ovary\_GH.rep



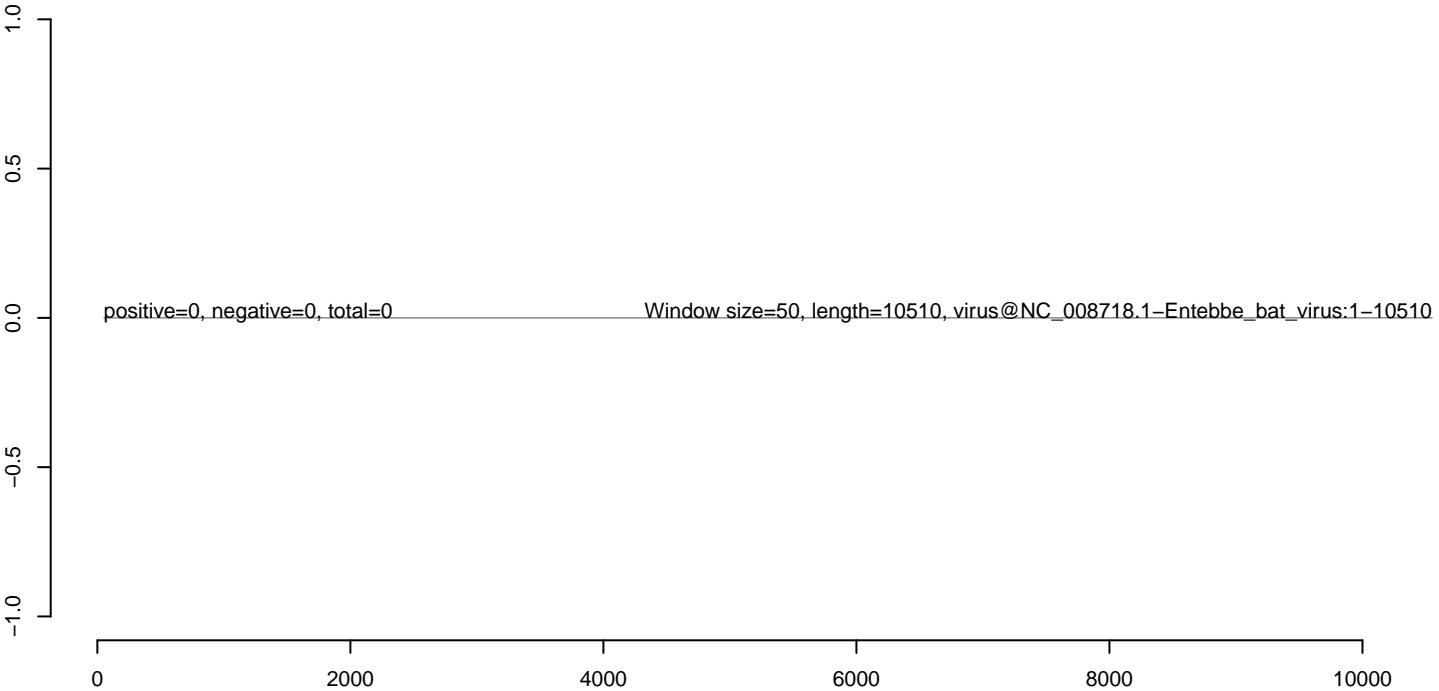
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

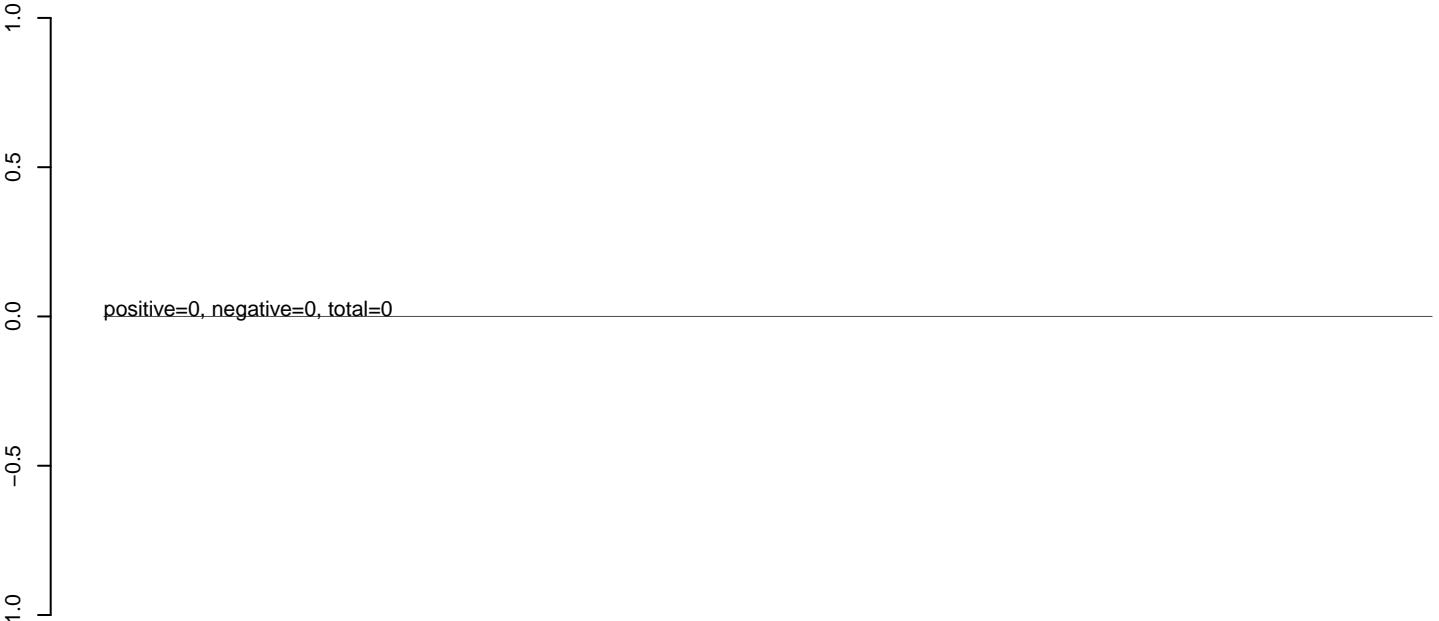
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

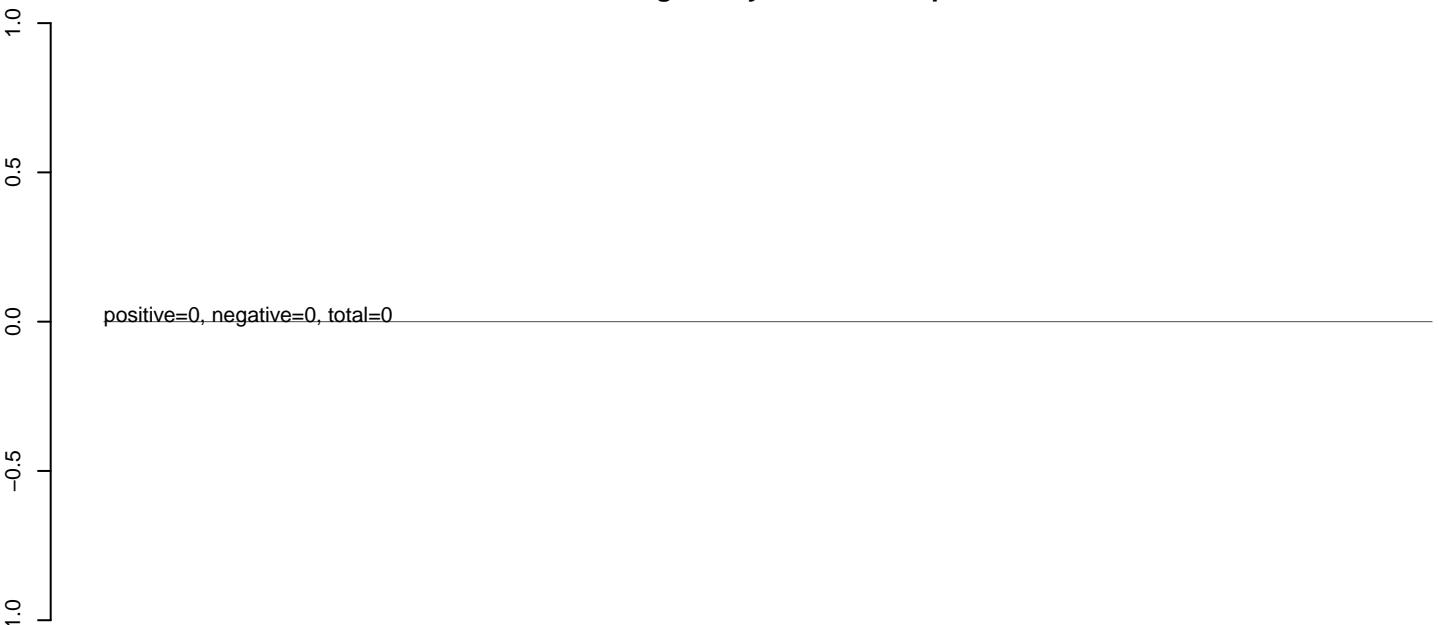
positive=0, negative=0, total=0

Window size=50, length=10940, virus@NC\_007580.2-St\_Louis\_encephalitis\_virus:1-10940

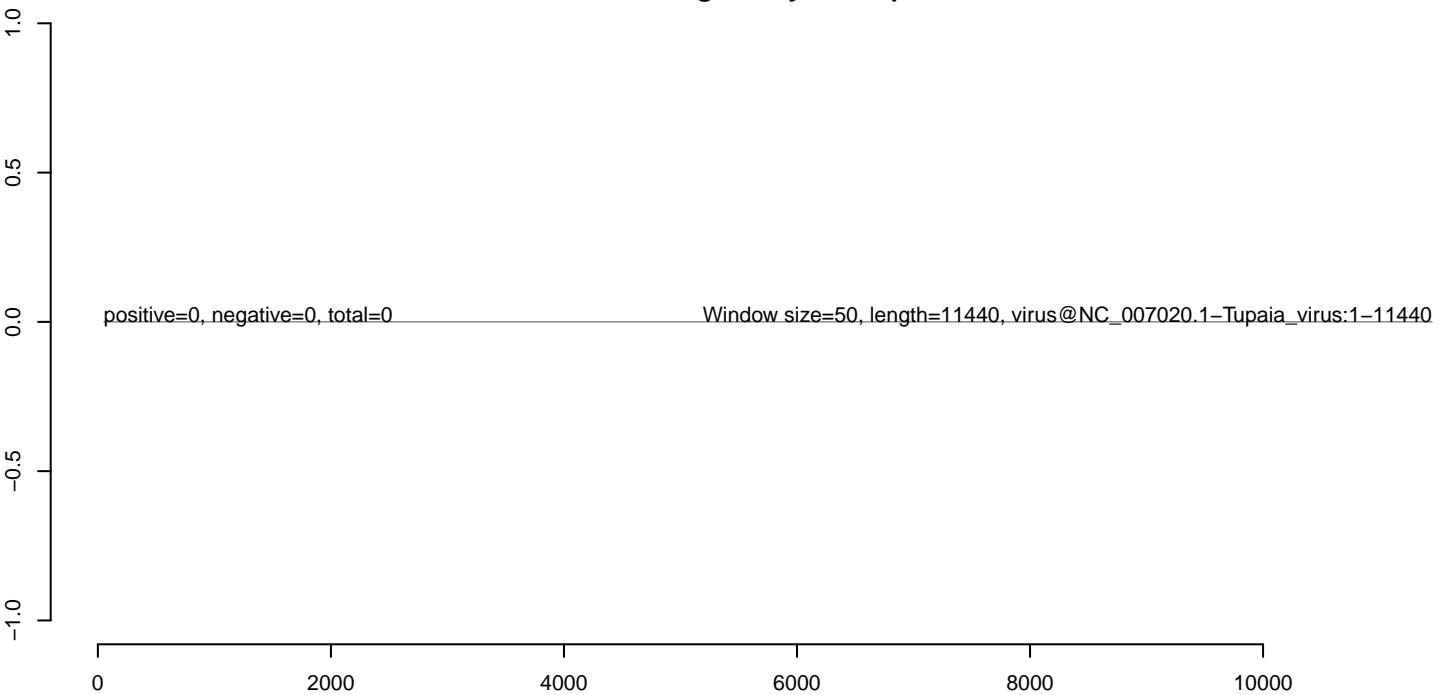
### AeAeg\_Ovary\_GH.18\_23.rep



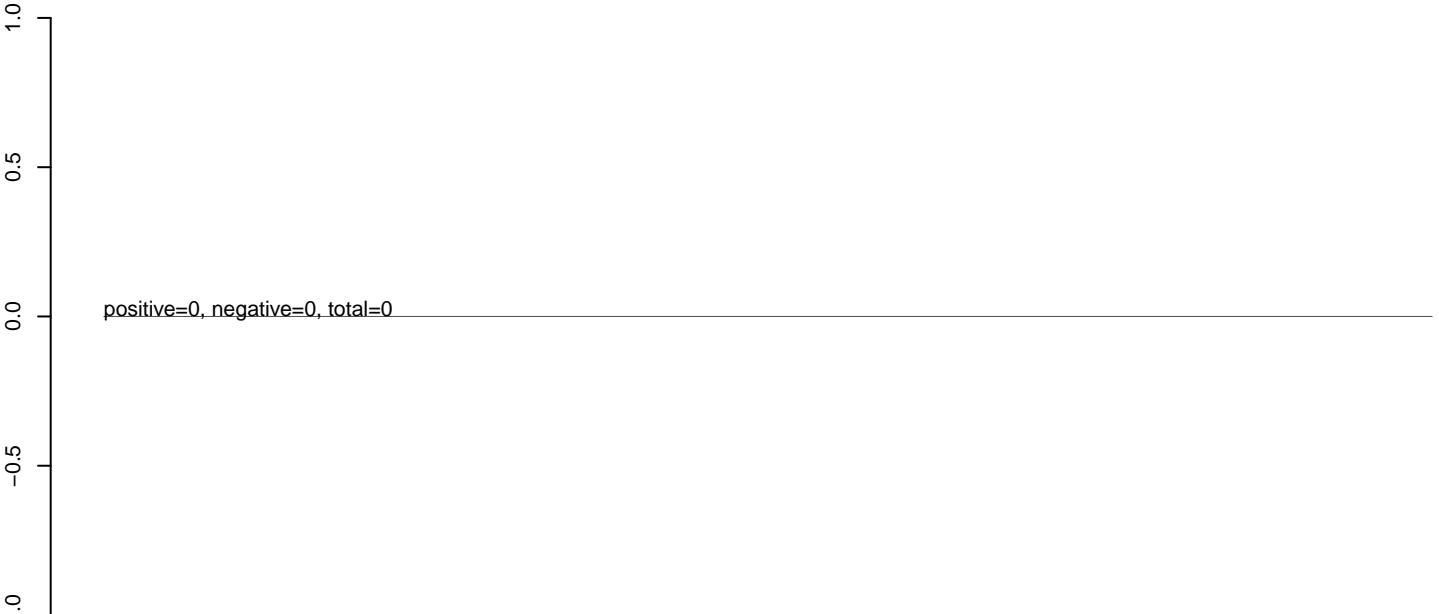
### AeAeg\_Ovary\_GH.24\_35.rep



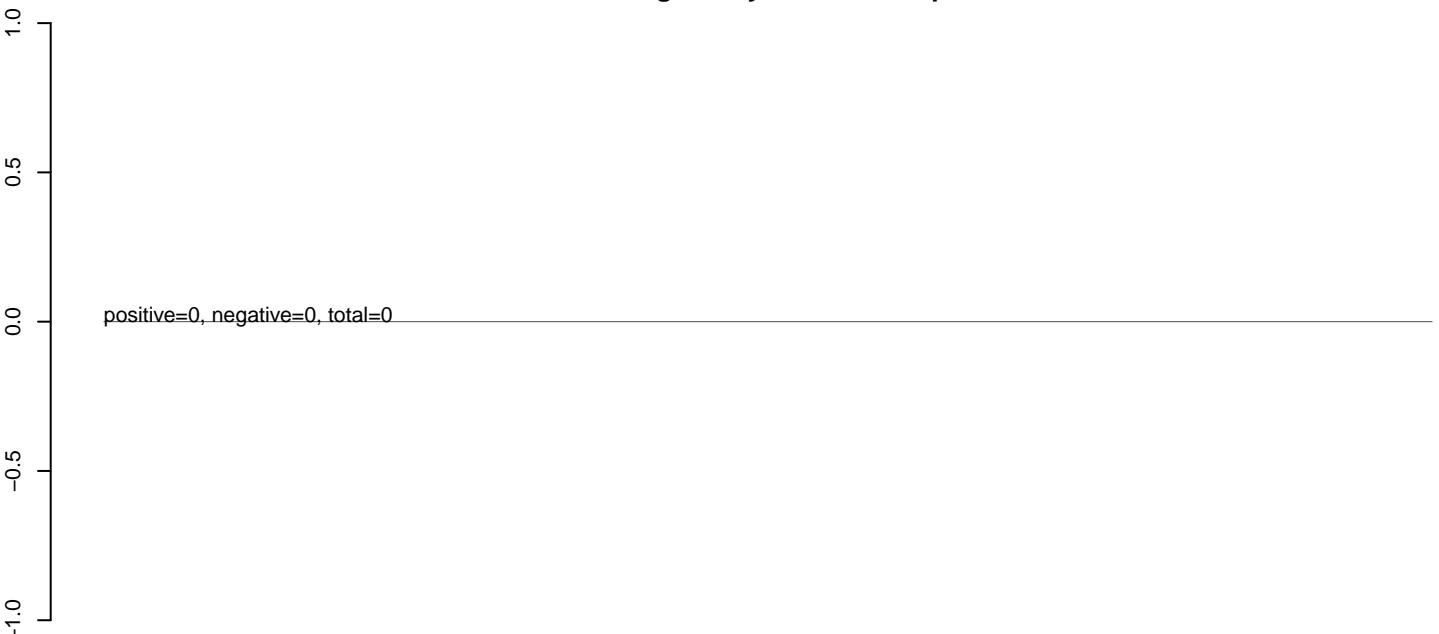
### AeAeg\_Ovary\_GH.rep



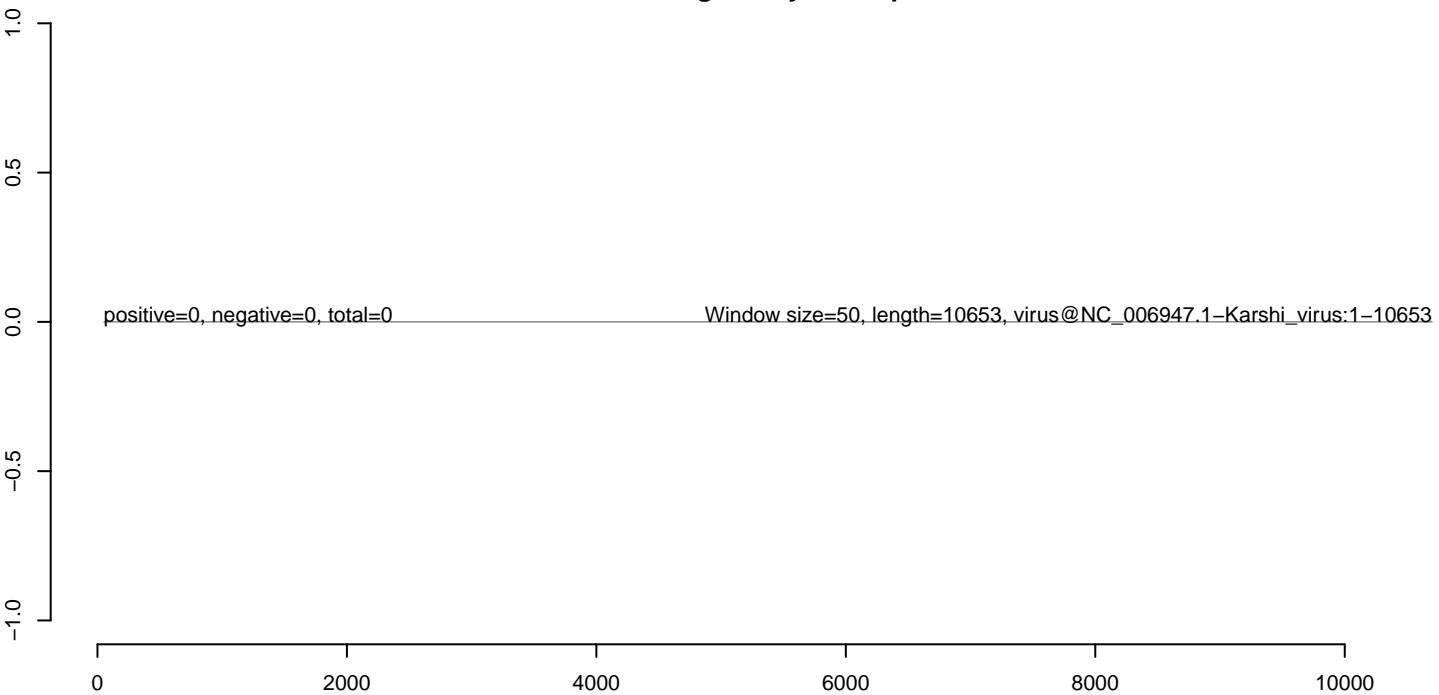
### AeAeg\_Ovary\_GH.18\_23.rep



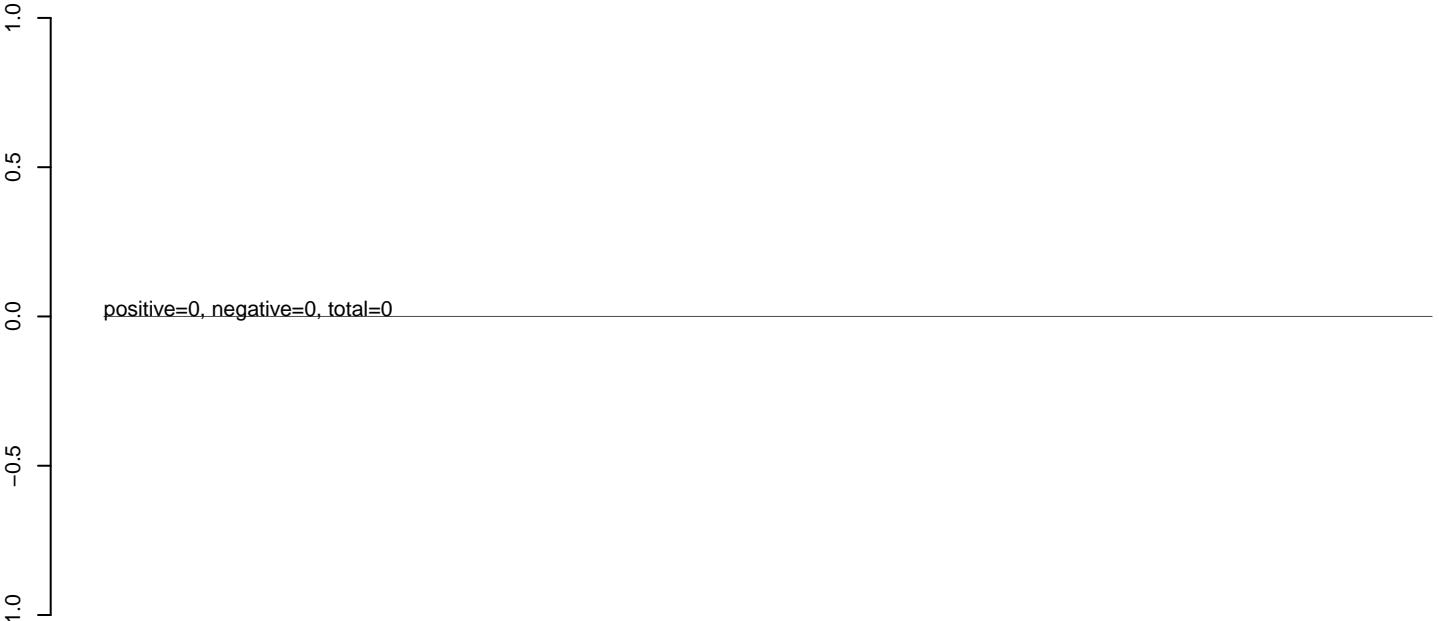
### AeAeg\_Ovary\_GH.24\_35.rep



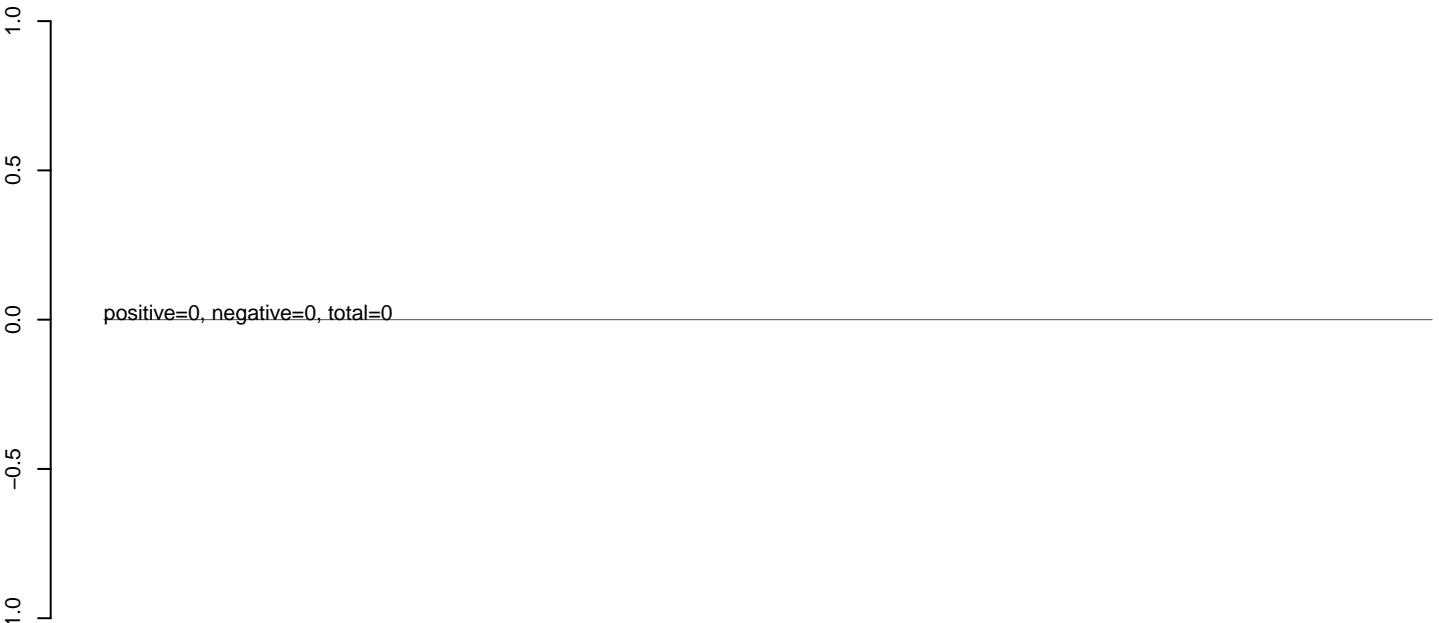
### AeAeg\_Ovary\_GH.rep



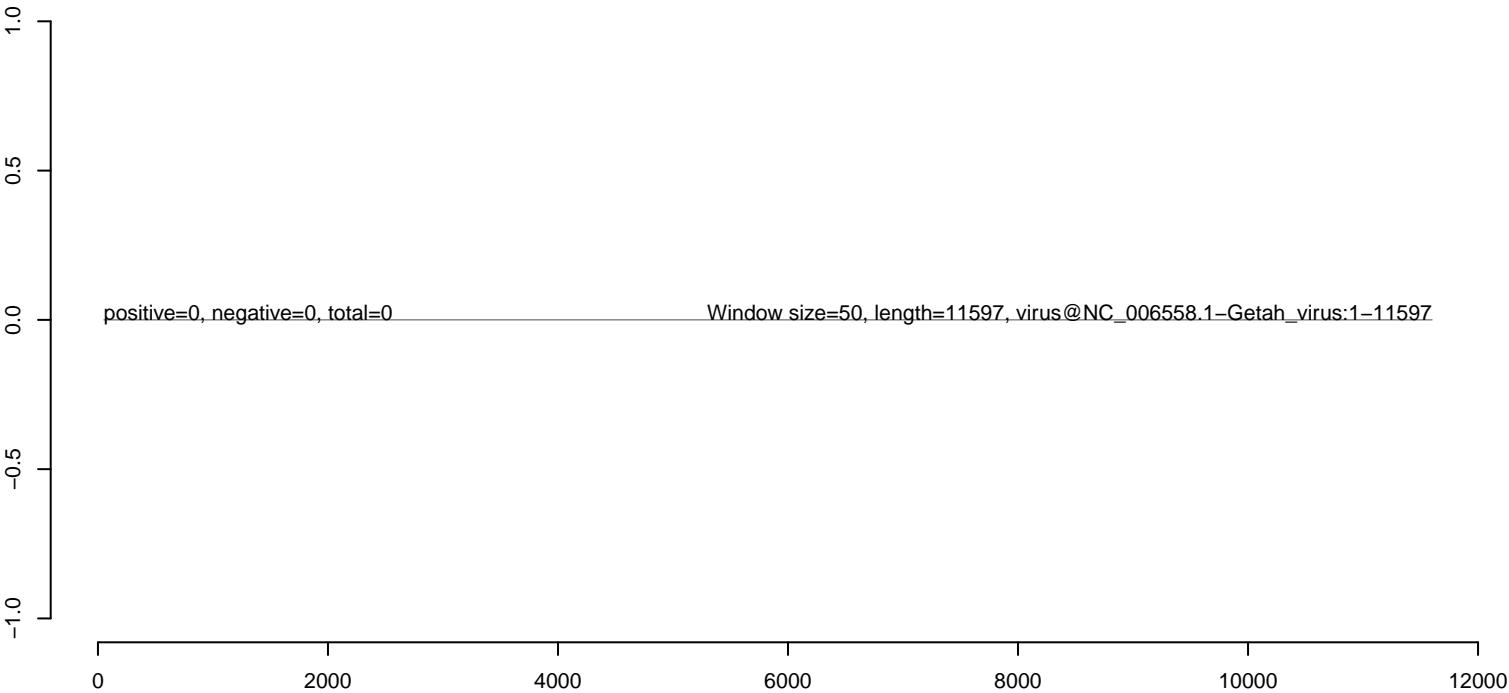
### AeAeg\_Ovary\_GH.18\_23.rep



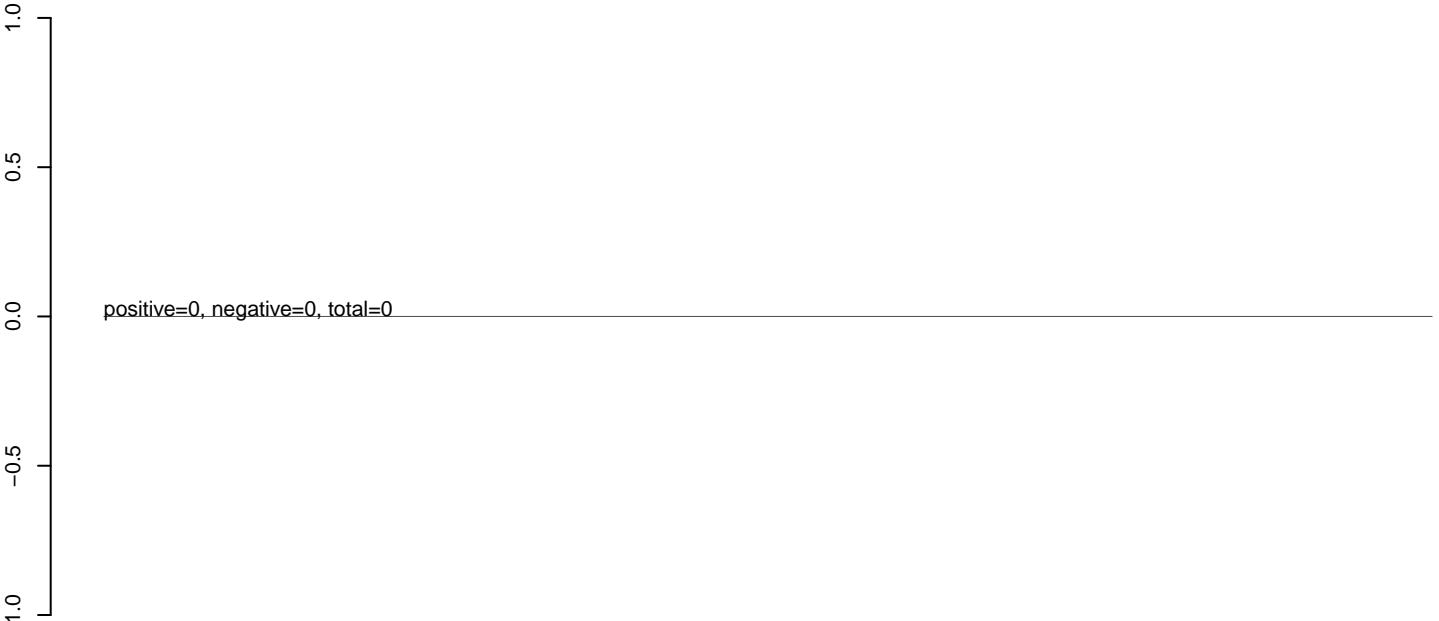
### AeAeg\_Ovary\_GH.24\_35.rep



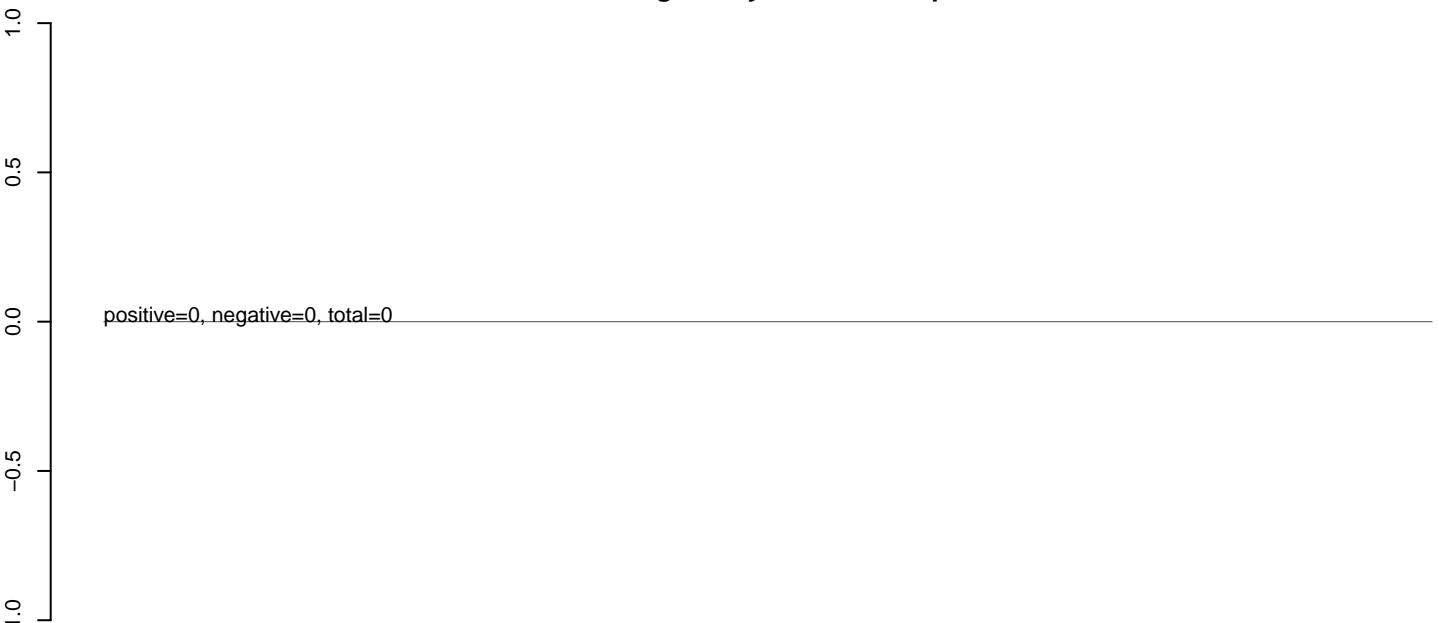
### AeAeg\_Ovary\_GH.rep



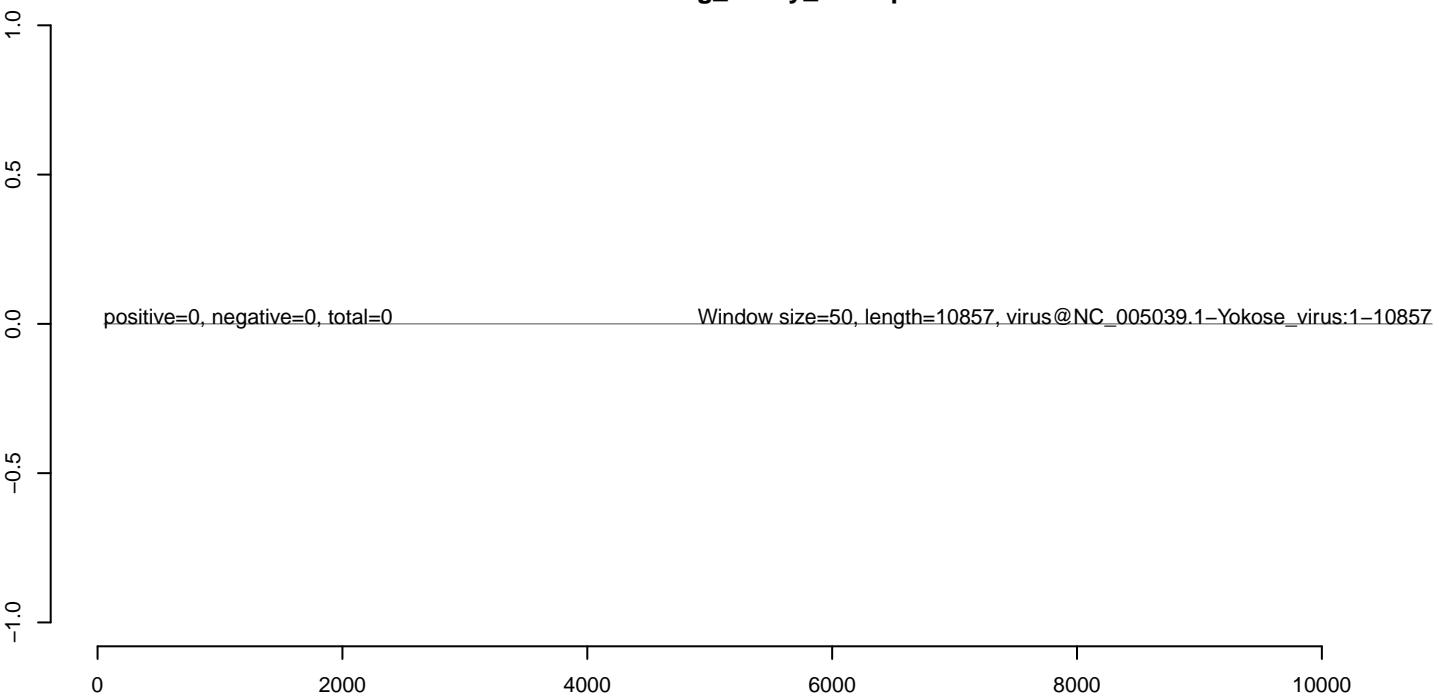
### AeAeg\_Ovary\_GH.18\_23.rep



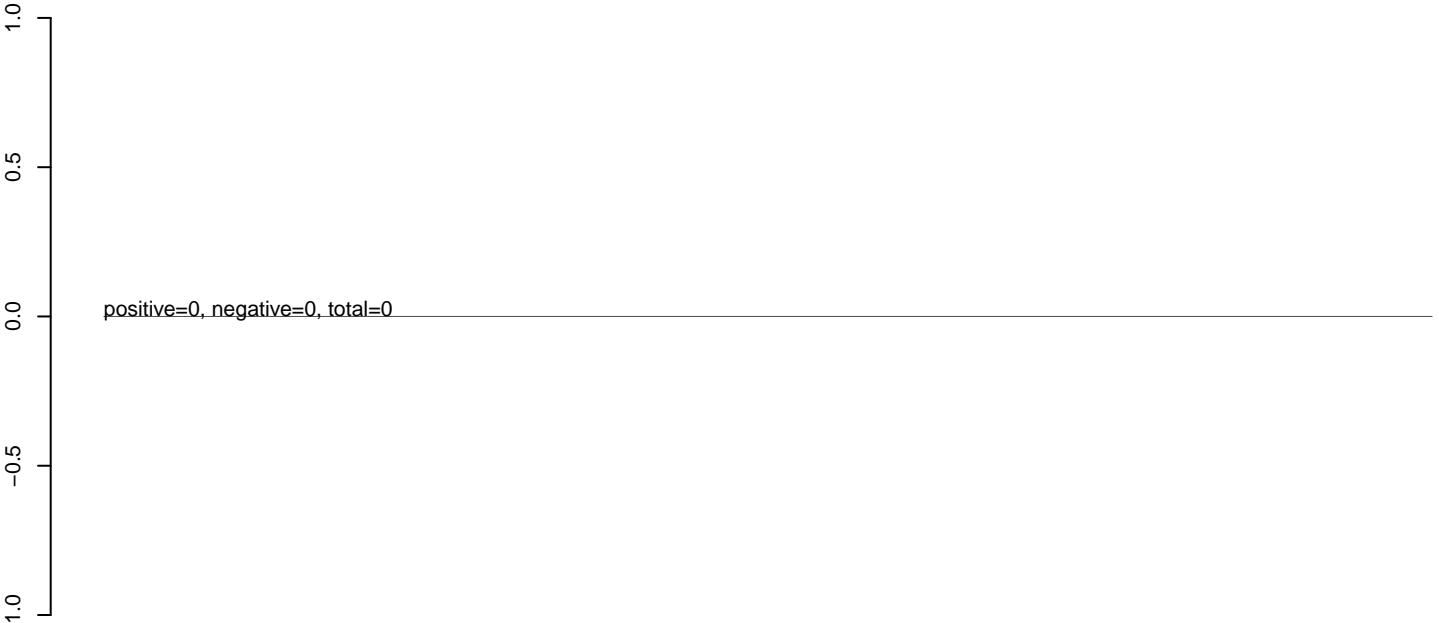
### AeAeg\_Ovary\_GH.24\_35.rep



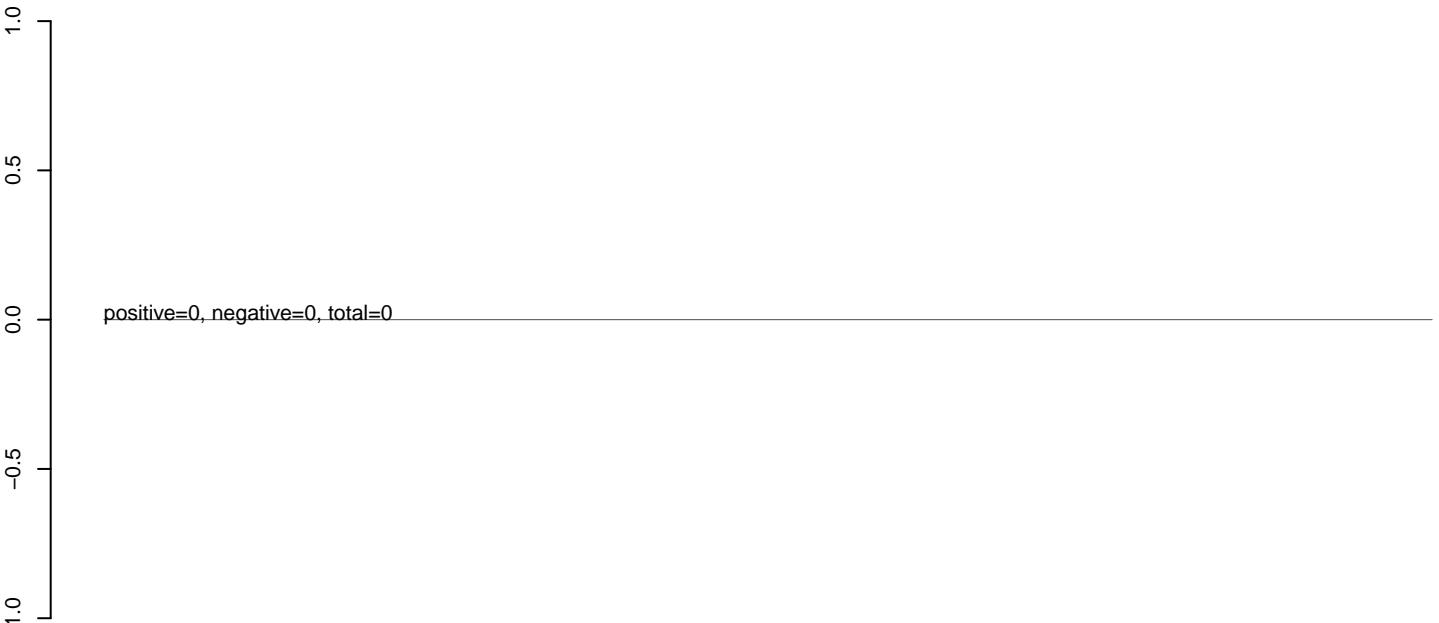
### AeAeg\_Ovary\_GH.rep



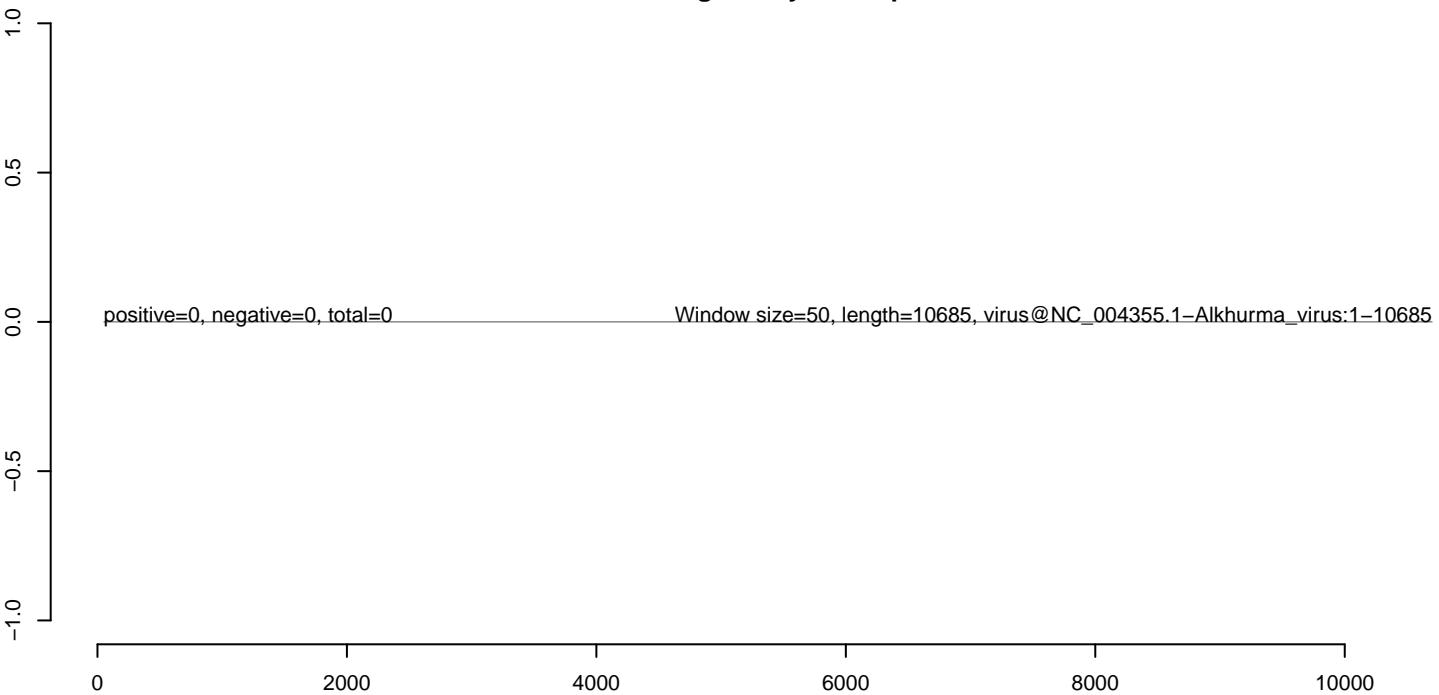
### AeAeg\_Ovary\_GH.18\_23.rep



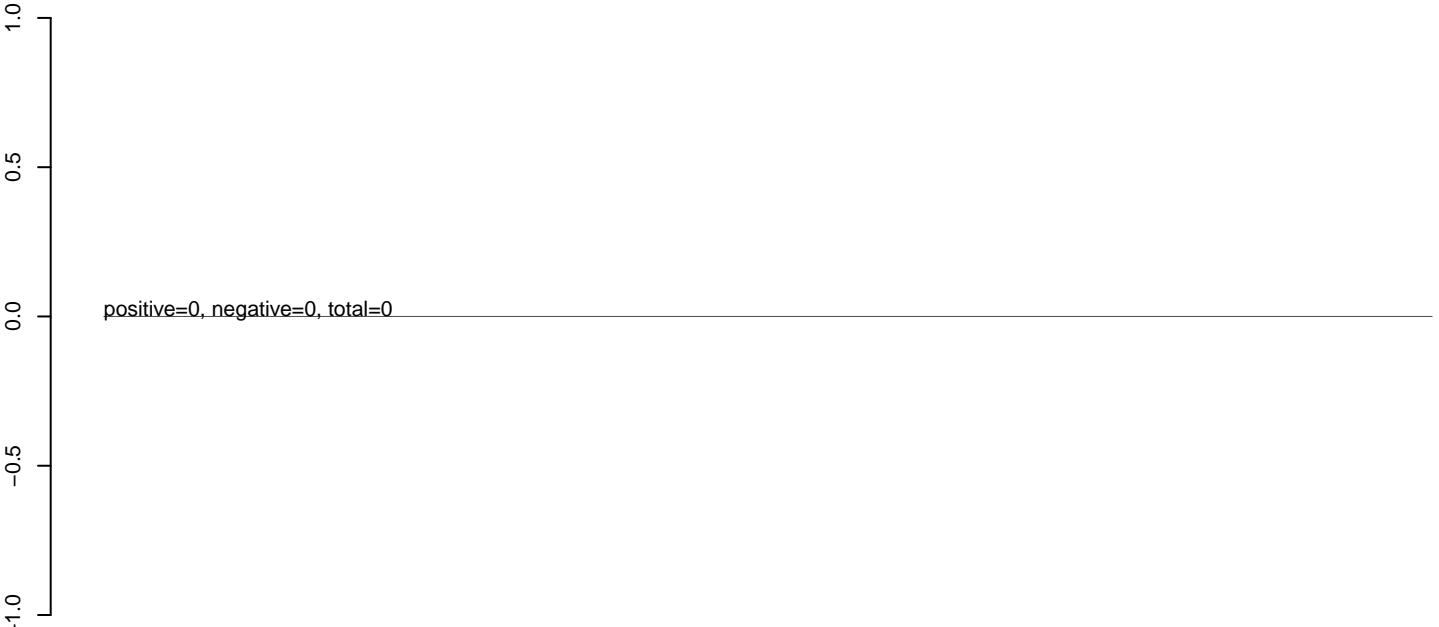
### AeAeg\_Ovary\_GH.24\_35.rep



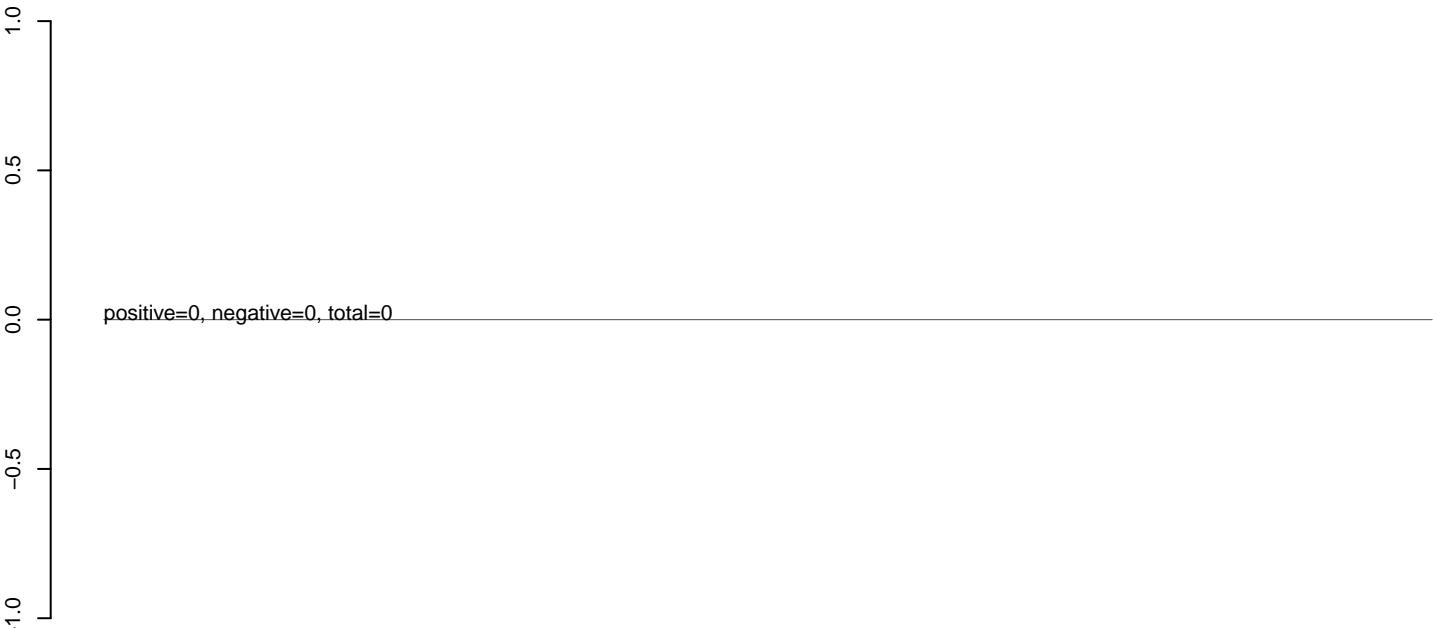
### AeAeg\_Ovary\_GH.rep



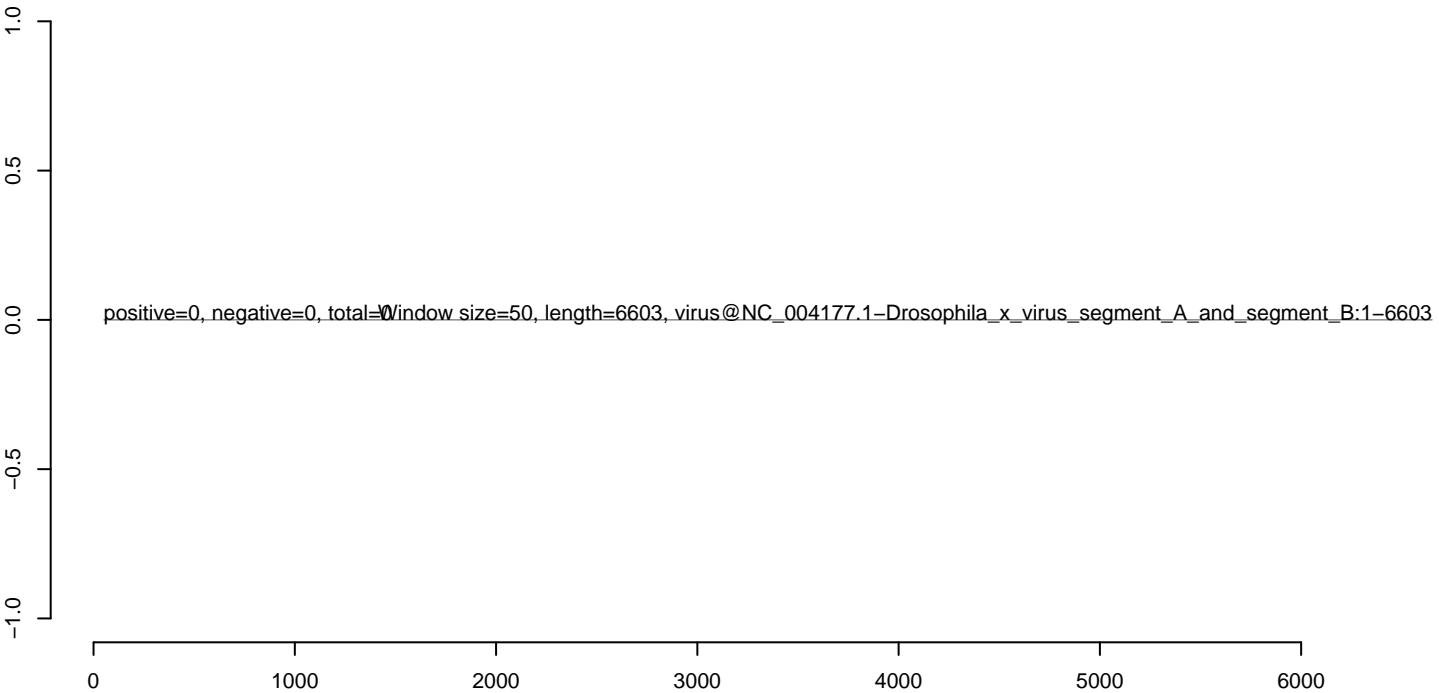
### AeAeg\_Ovary\_GH.18\_23.rep



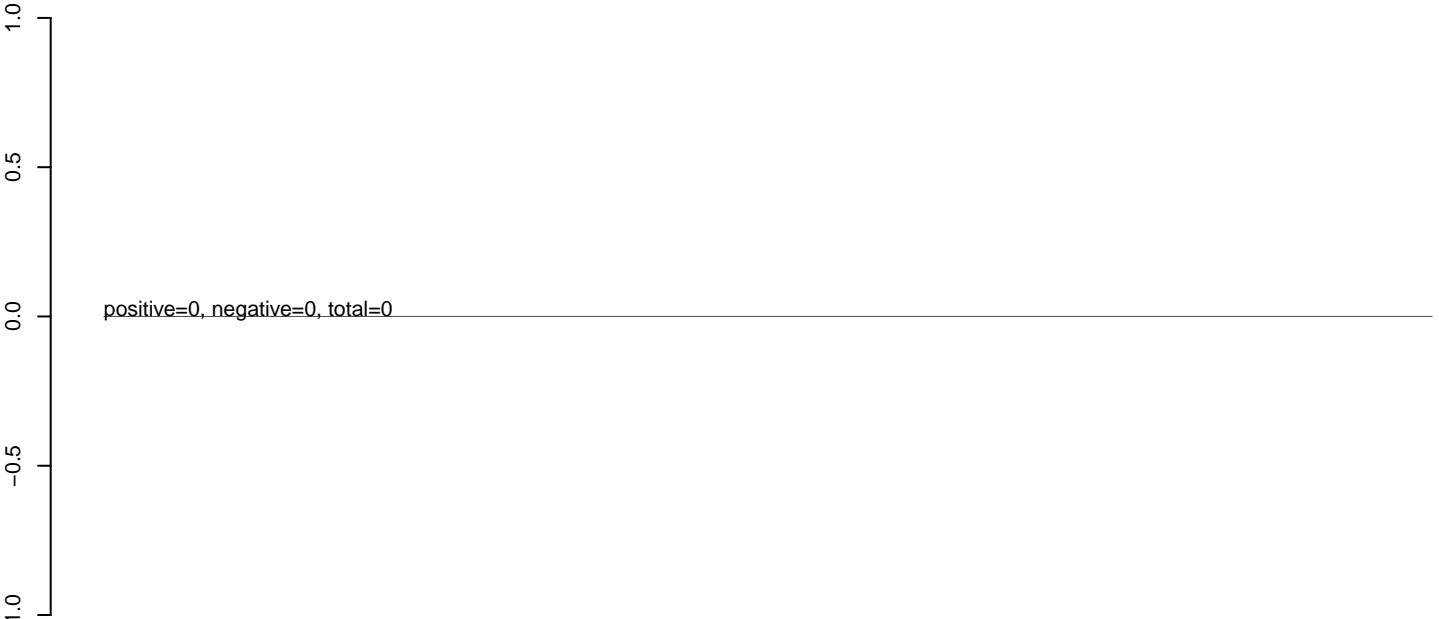
### AeAeg\_Ovary\_GH.24\_35.rep



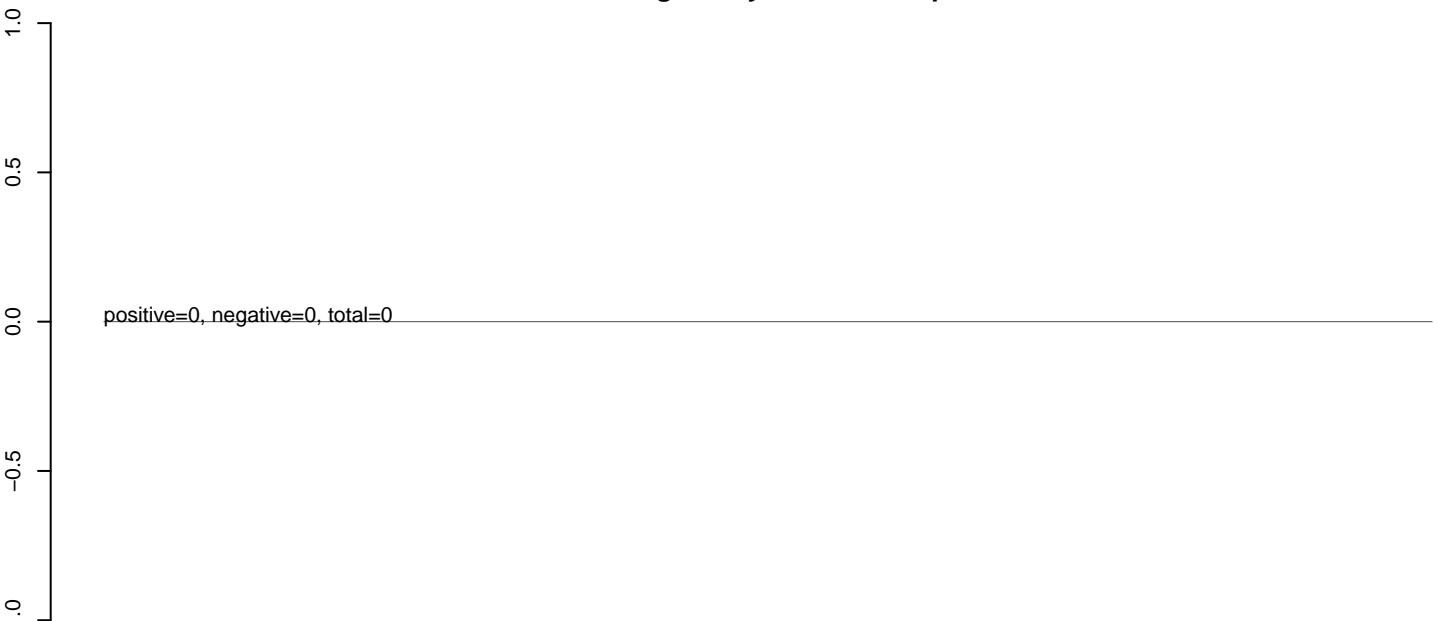
### AeAeg\_Ovary\_GH.rep



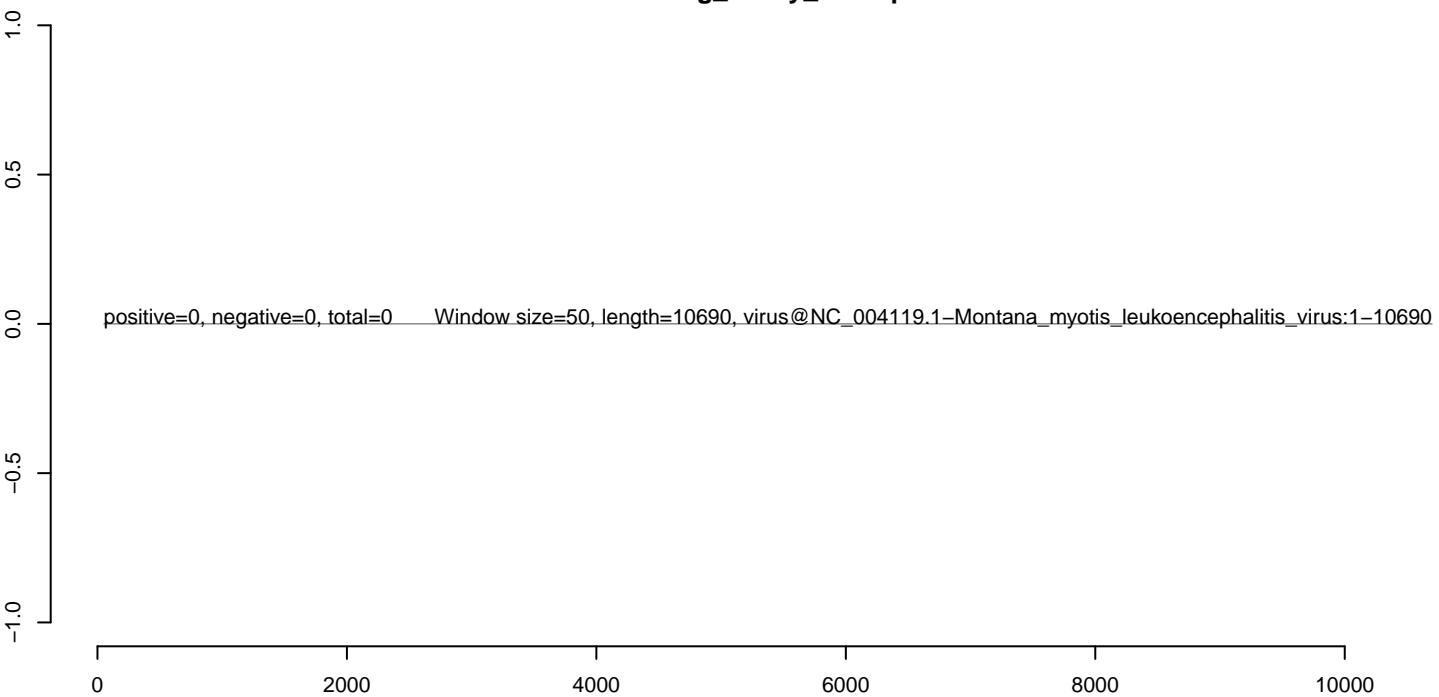
### AeAeg\_Ovary\_GH.18\_23.rep



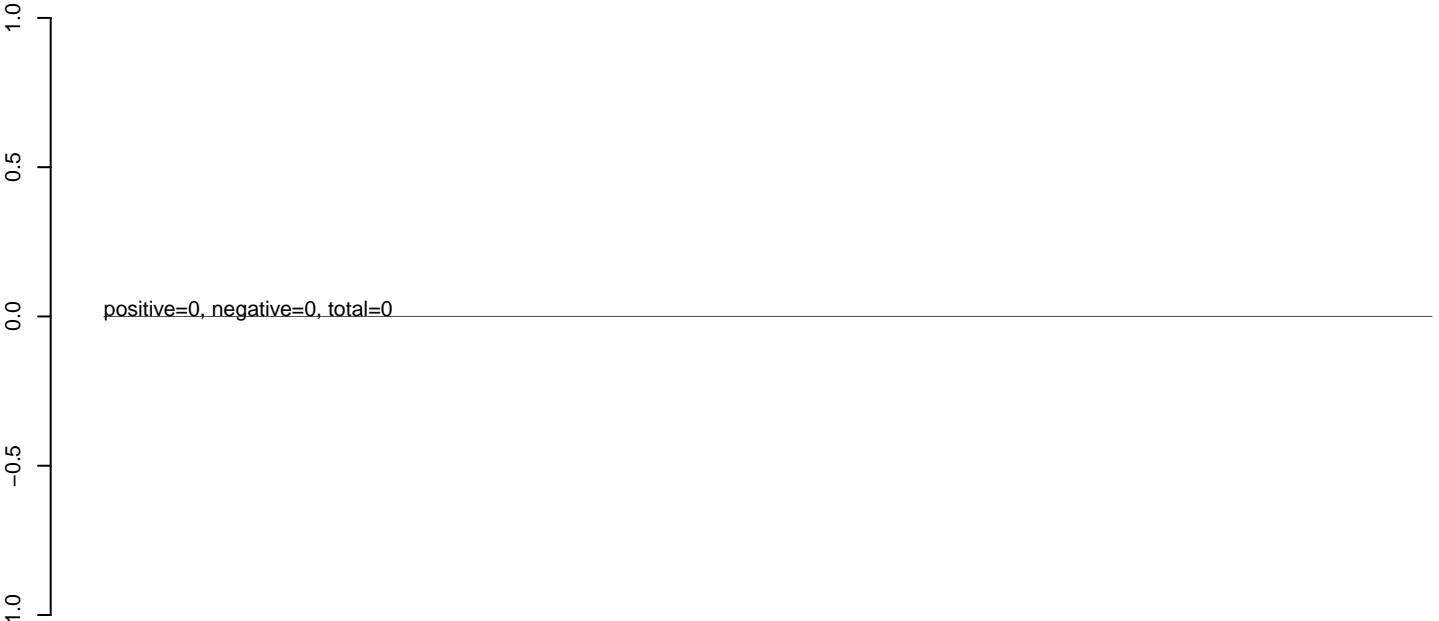
### AeAeg\_Ovary\_GH.24\_35.rep



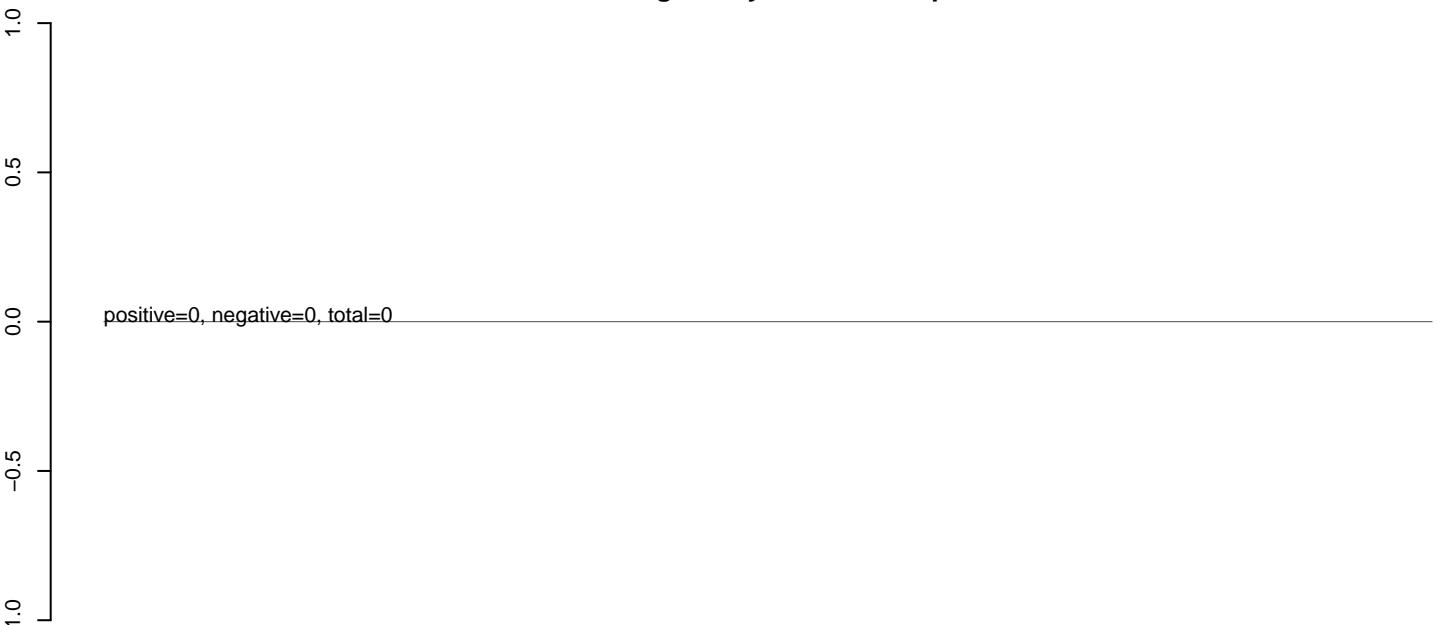
### AeAeg\_Ovary\_GH.rep



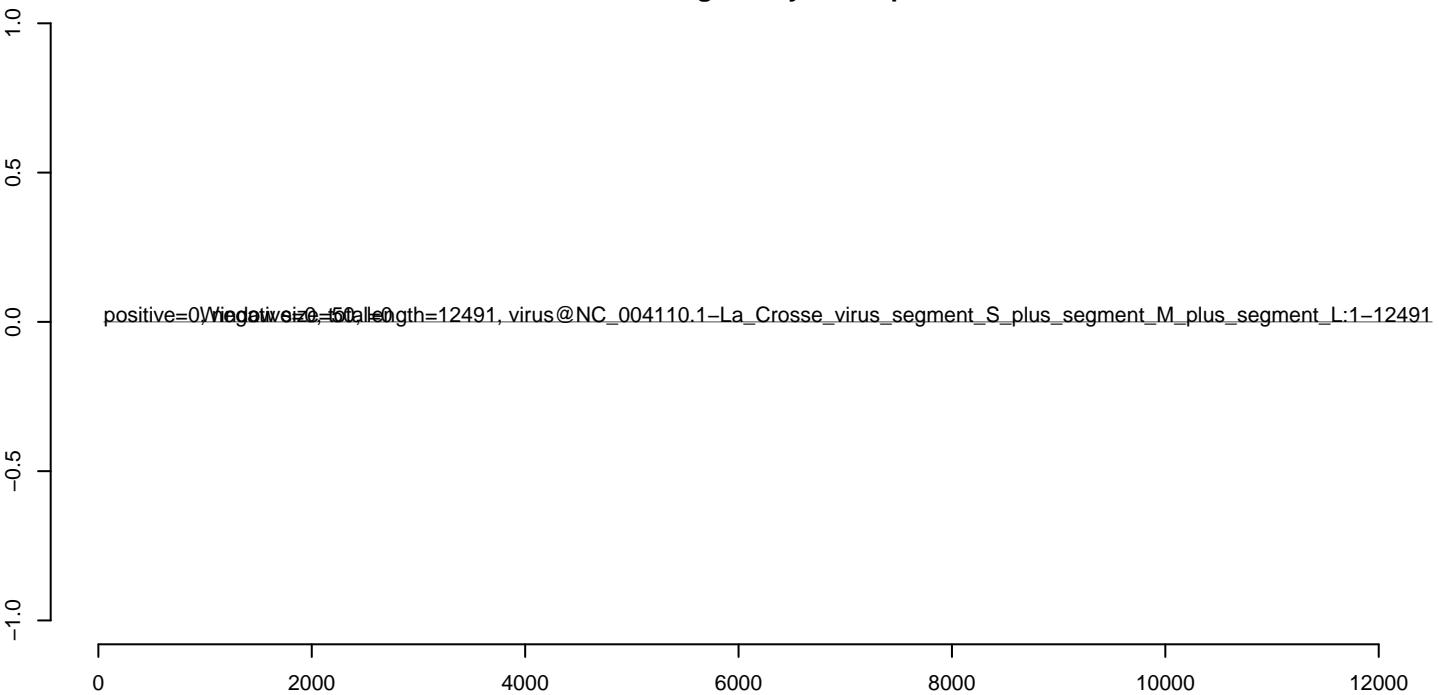
### AeAeg\_Ovary\_GH.18\_23.rep



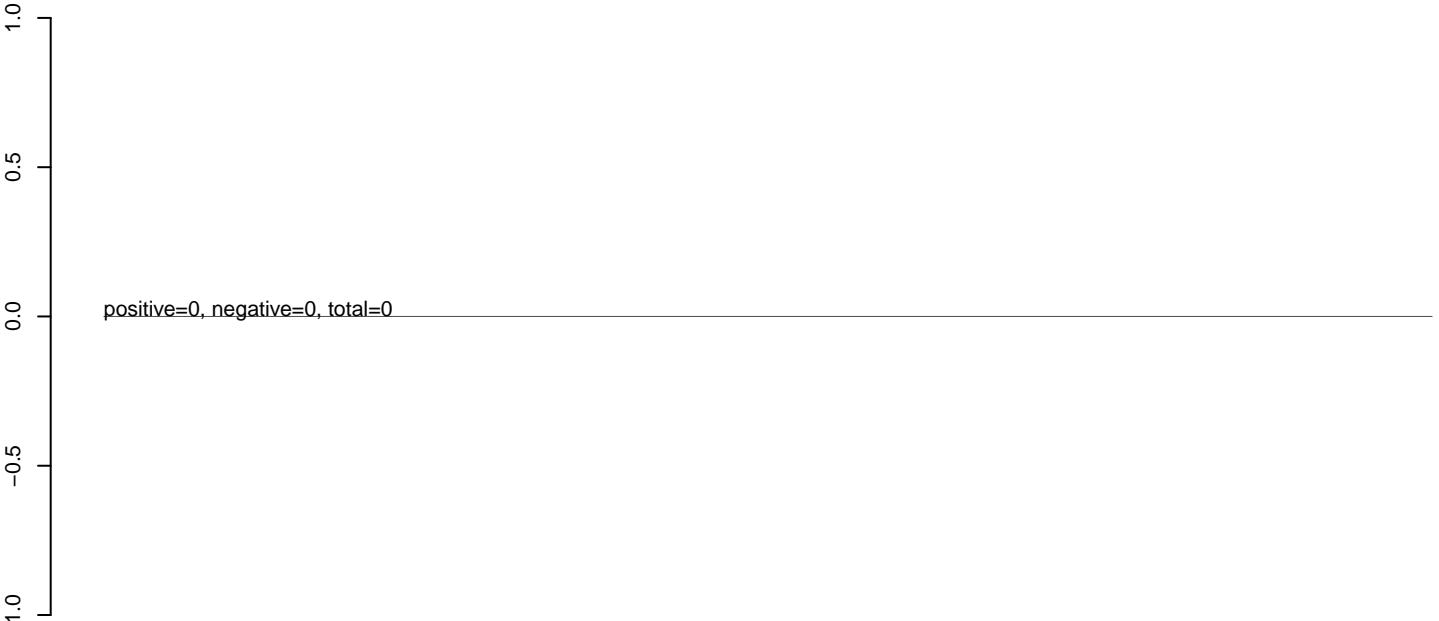
### AeAeg\_Ovary\_GH.24\_35.rep



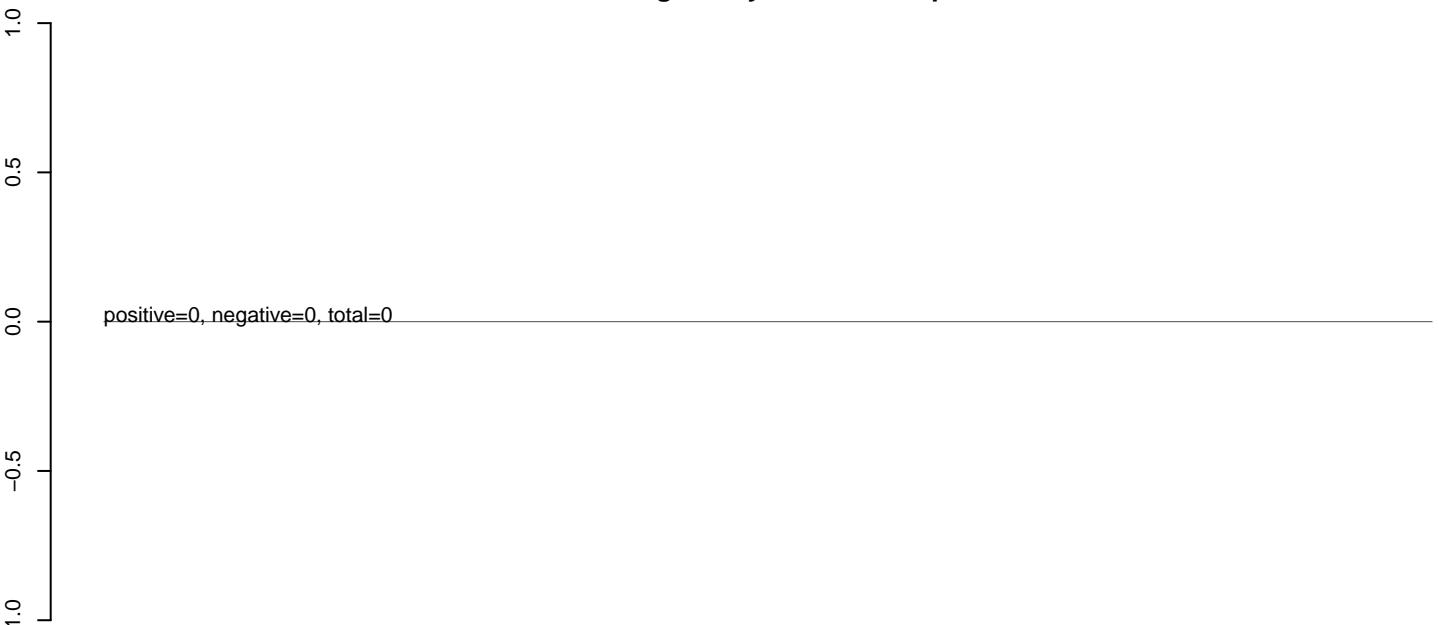
### AeAeg\_Ovary\_GH.rep



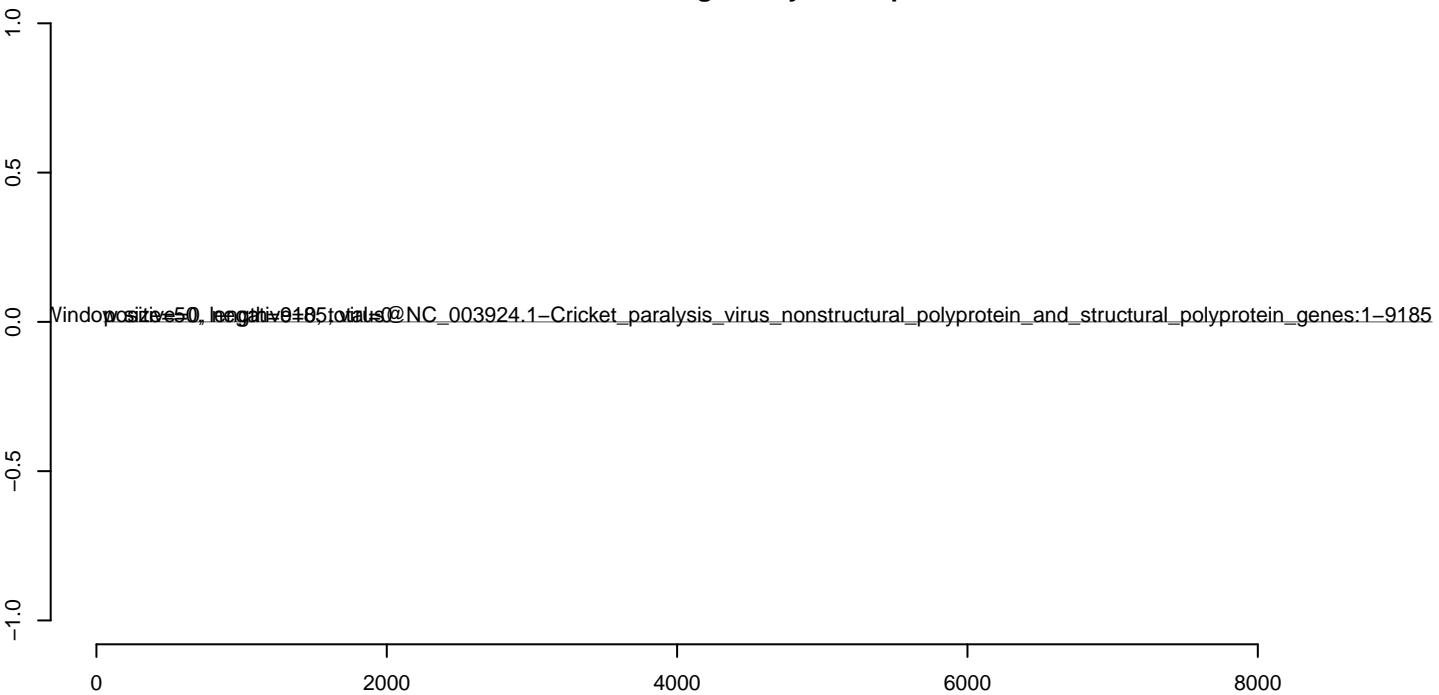
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

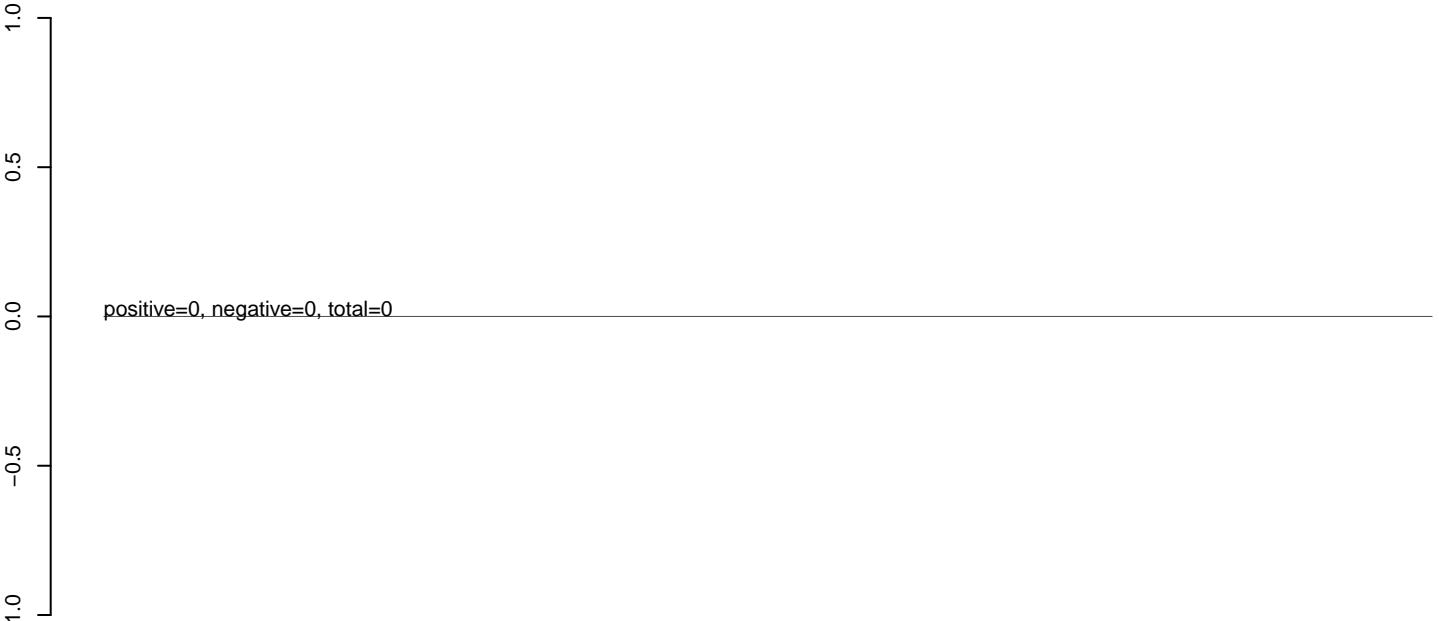
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

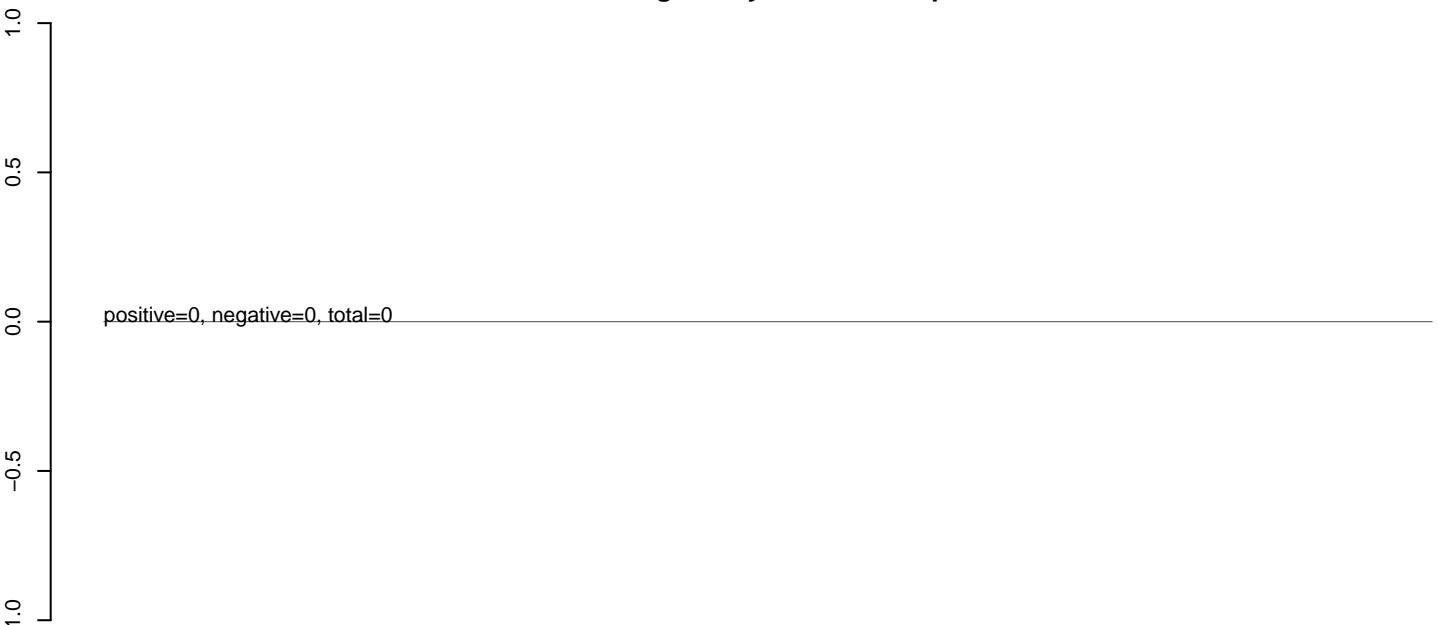
Window size=50, length=10116, virus@NC\_003676.1-Apoi\_virus\_genome:1-10116

0 2000 4000 6000 8000 10000

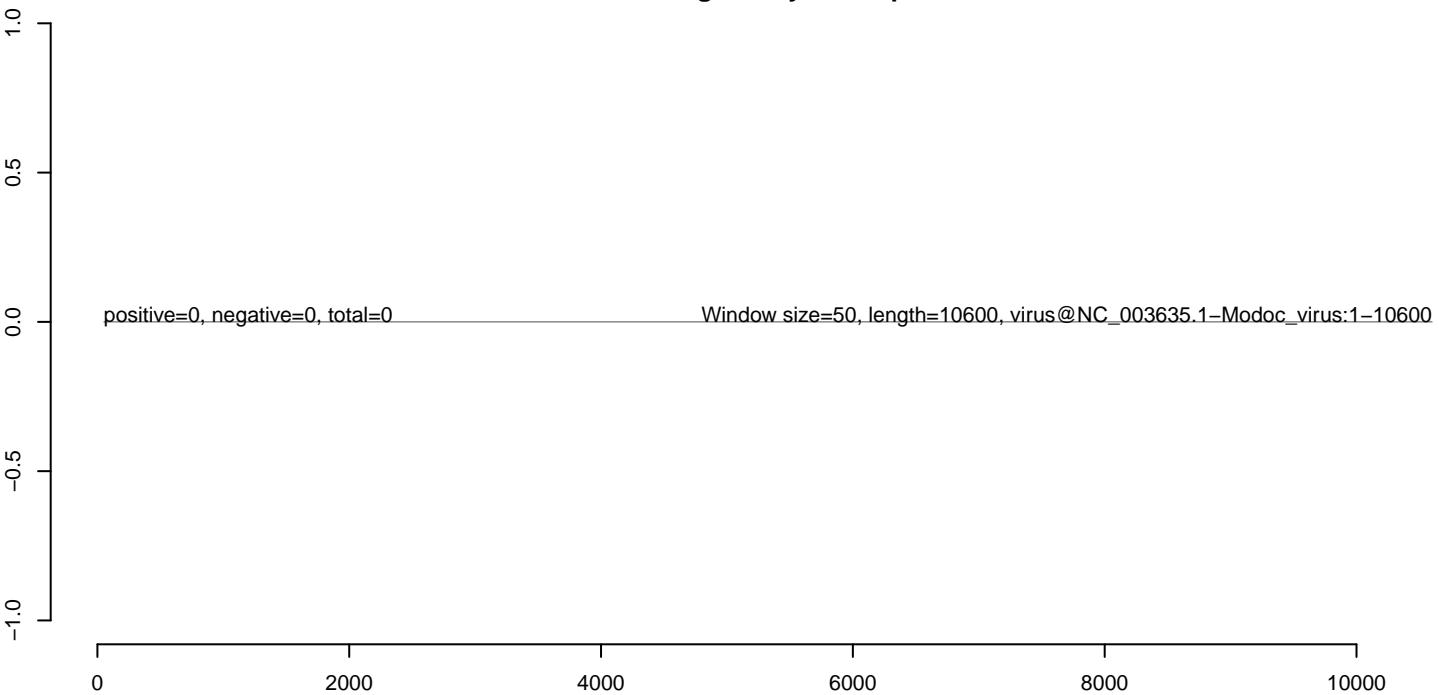
### AeAeg\_Ovary\_GH.18\_23.rep



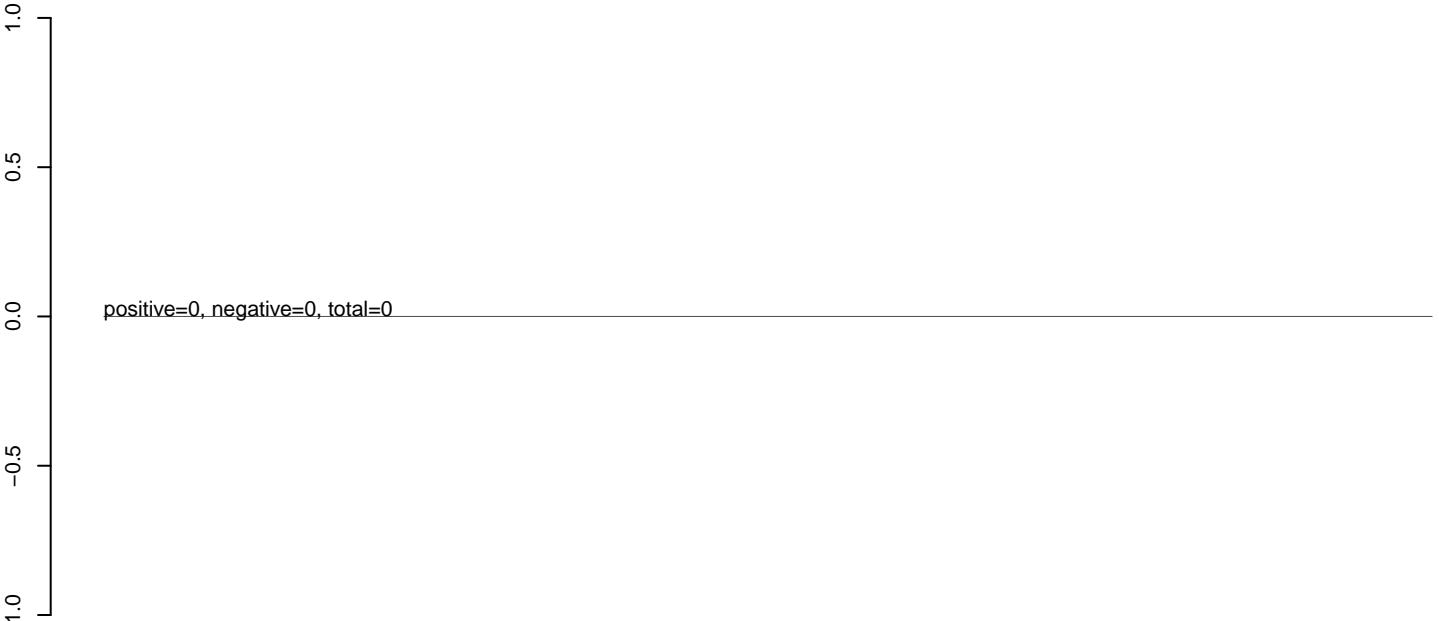
### AeAeg\_Ovary\_GH.24\_35.rep



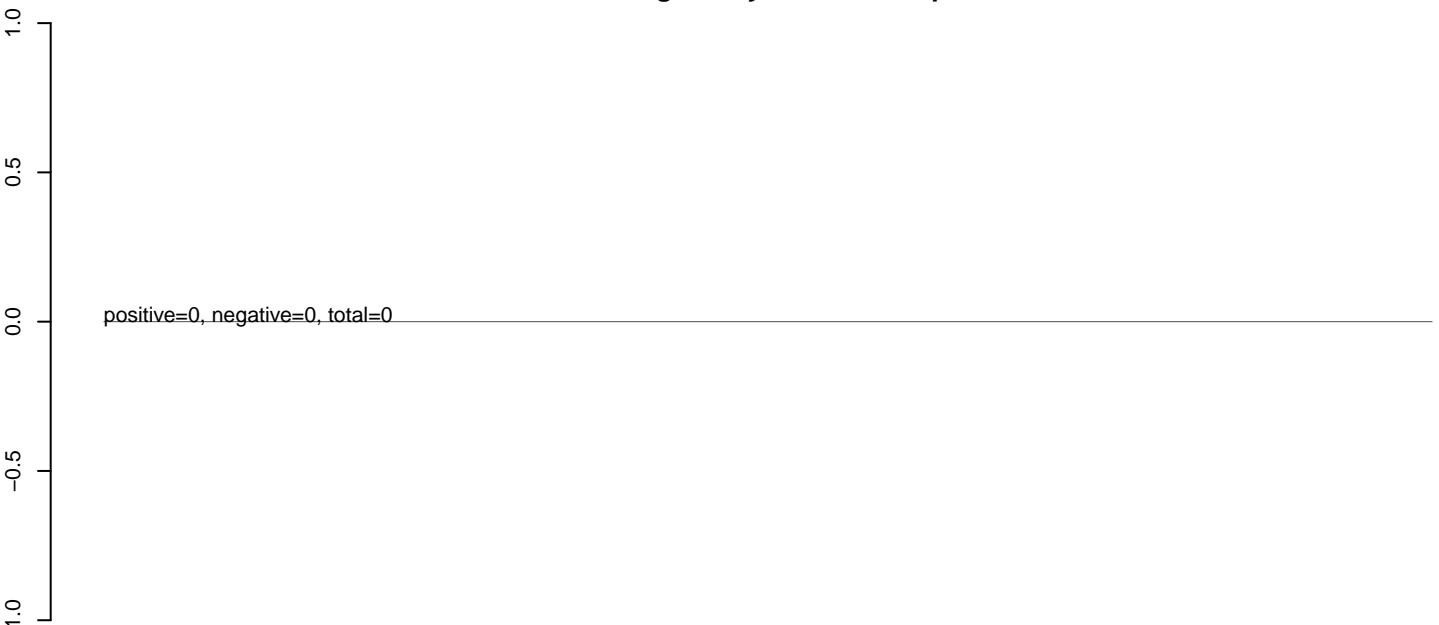
### AeAeg\_Ovary\_GH.rep



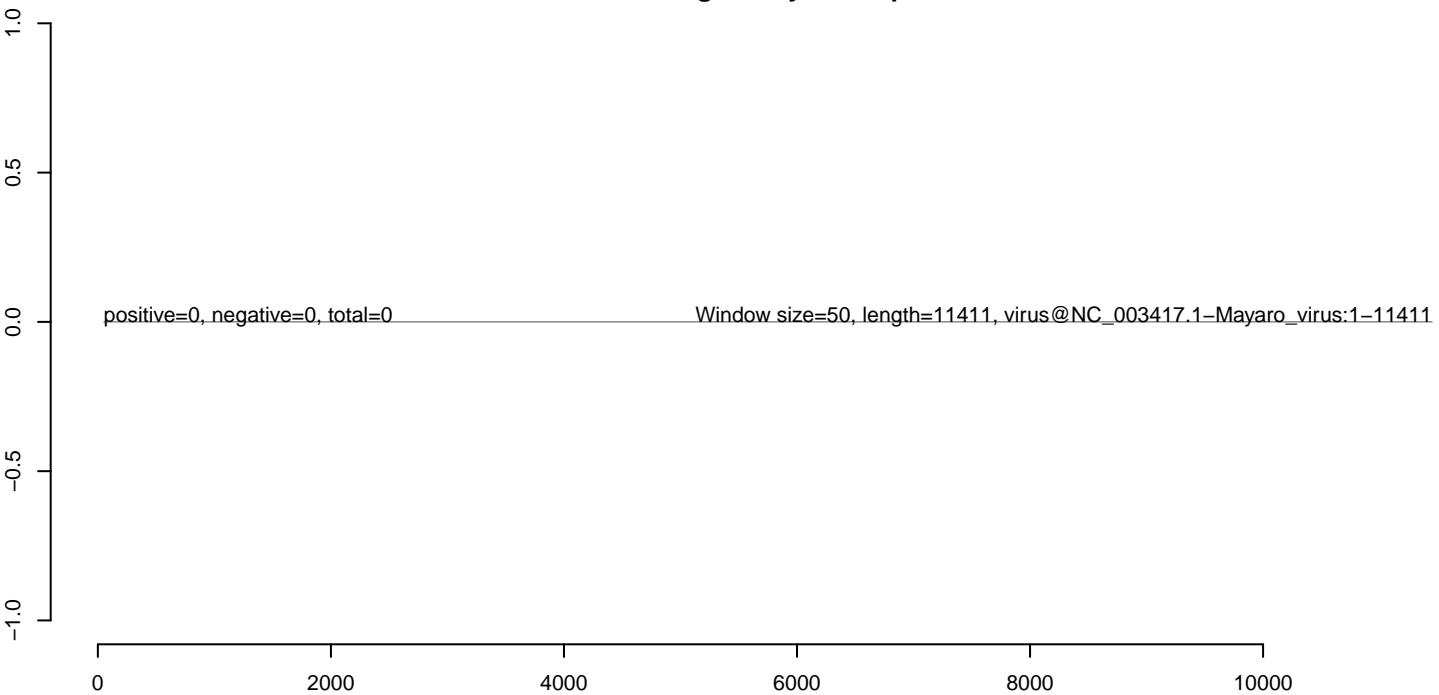
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11442, virus@NC\_003215.1-Semliki\_forest\_virus:1-11442

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=10649, virus@NC\_002640.1-Dengue\_virus\_4:1-10649

0 2000 4000 6000 8000 10000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

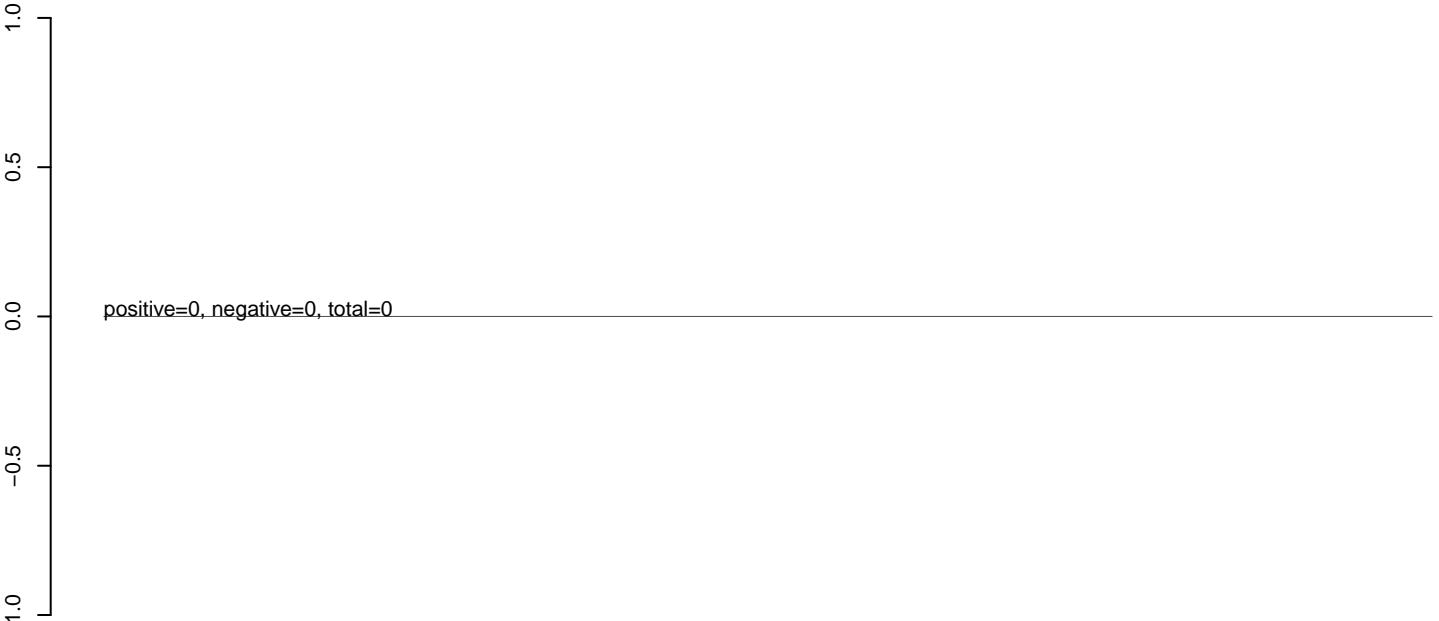
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

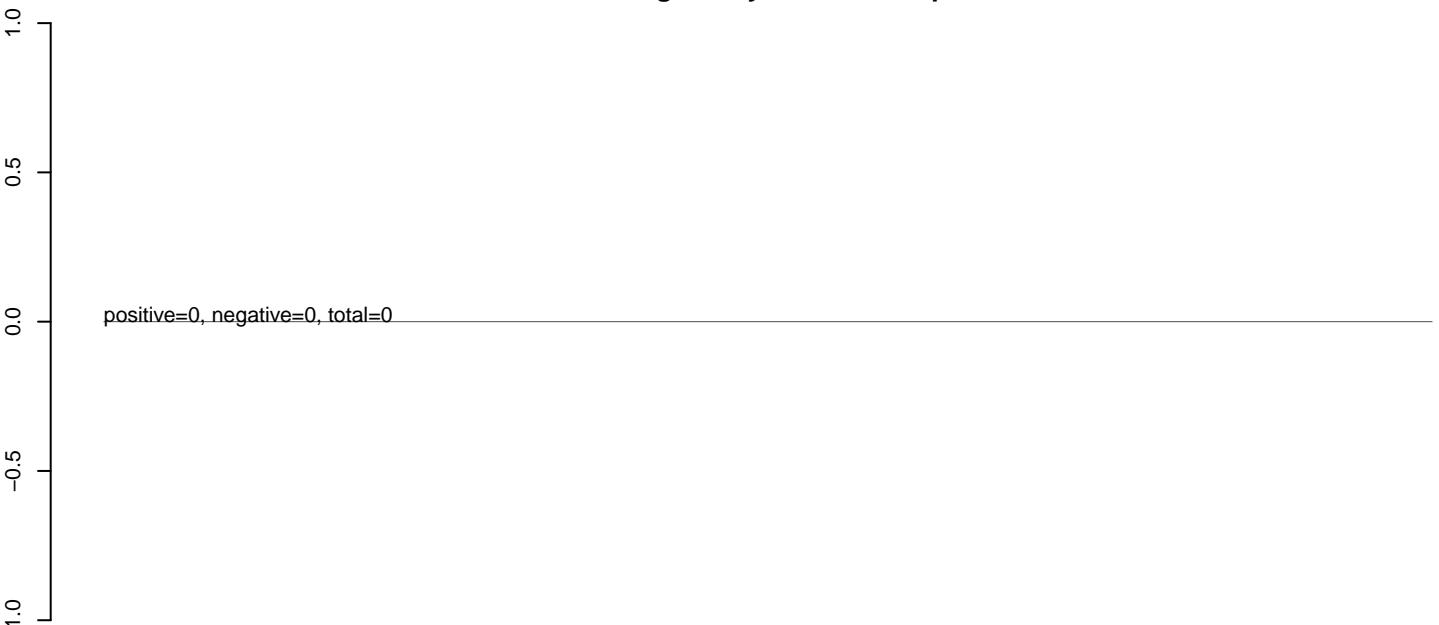
Window size=50, length=10862, virus@NC\_002031.1-Yellow\_fever\_virus:1-10862

0 2000 4000 6000 8000 10000

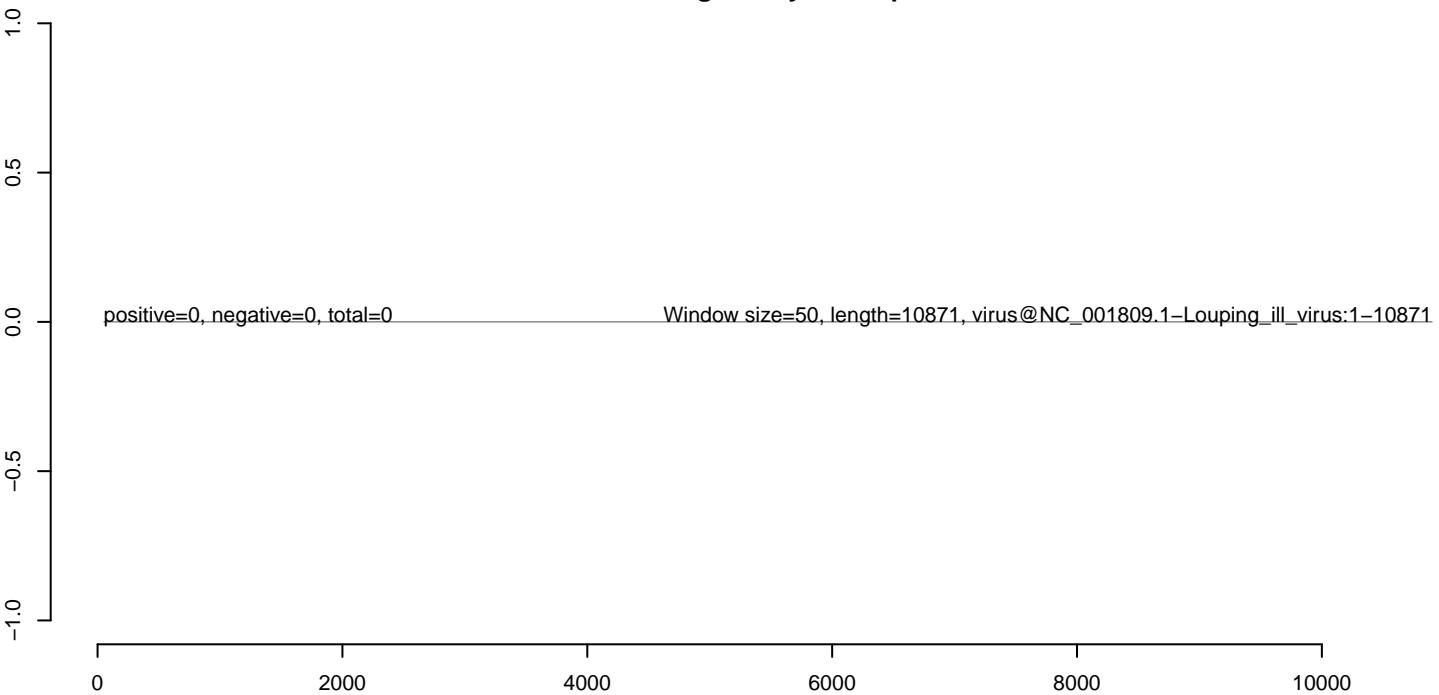
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=11703, virus@NC\_001547.1-Sindbis\_virus:1-11703

0 2000 4000 6000 8000 10000 12000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

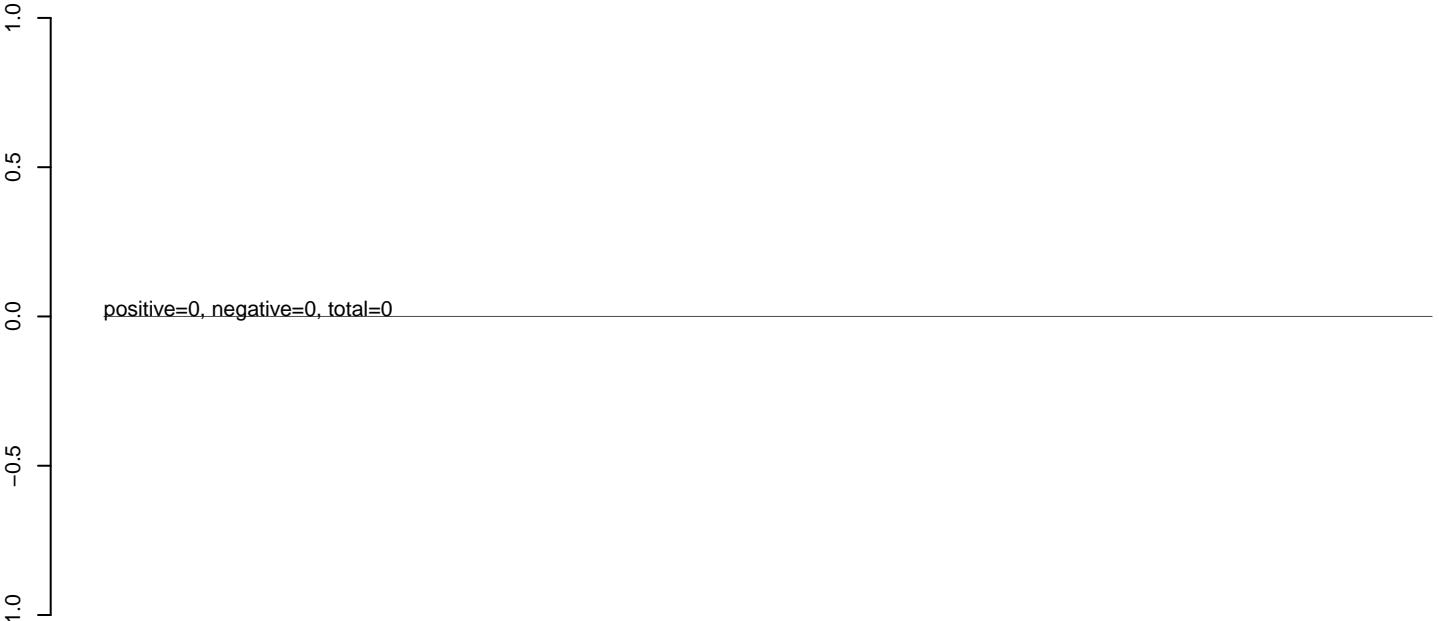
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

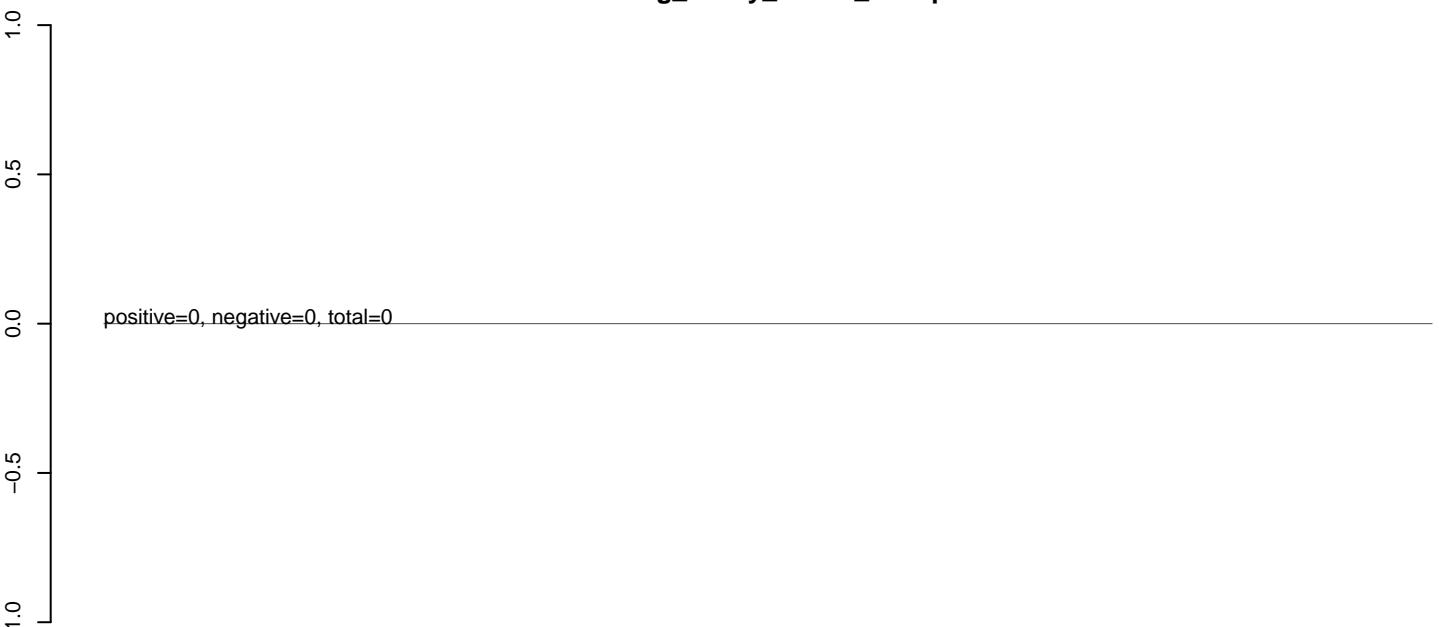
Window size=50, length=10707, virus@NC\_001475.2-Dengue\_virus\_3:1-10707

0 2000 4000 6000 8000 10000

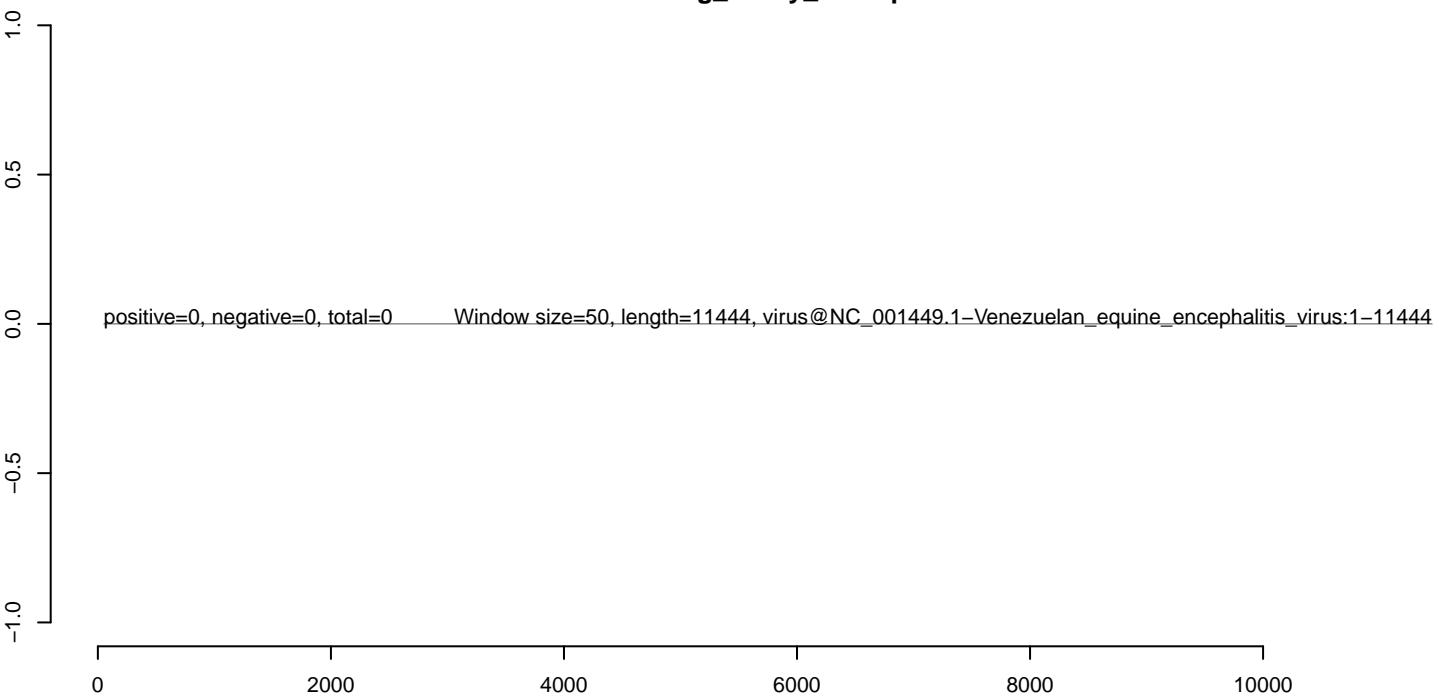
### AeAeg\_Ovary\_GH.18\_23.rep



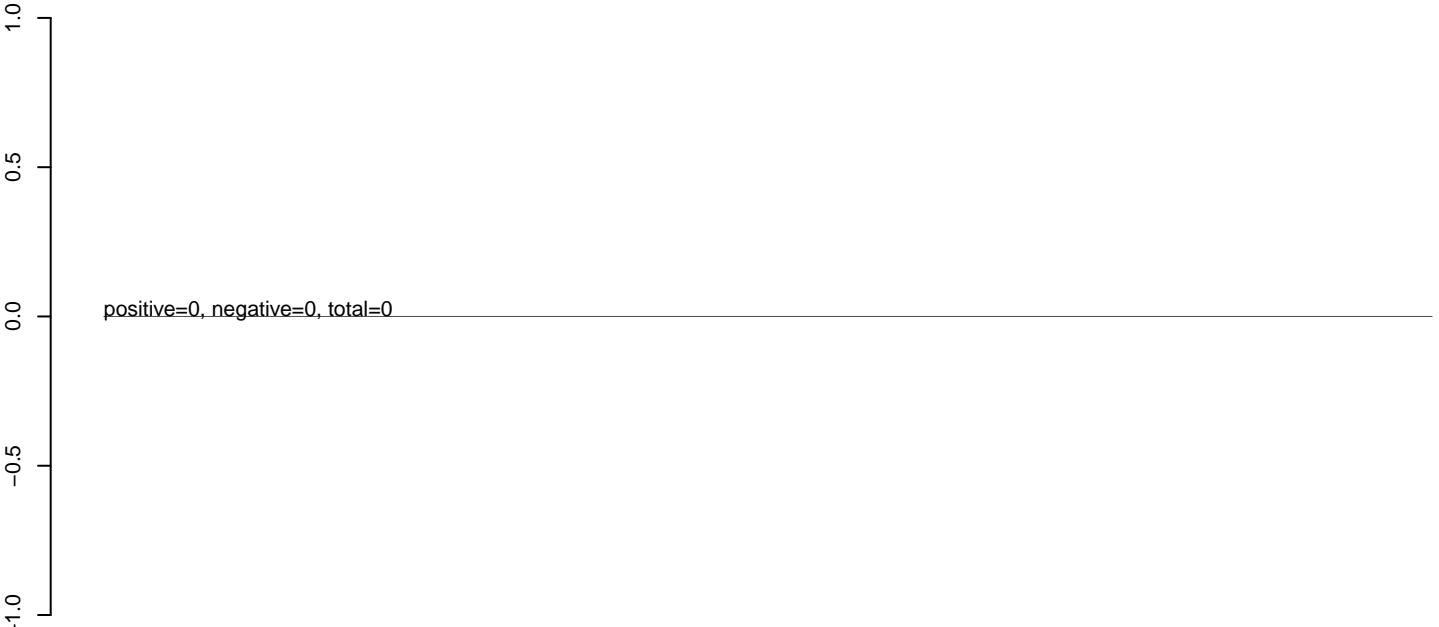
### AeAeg\_Ovary\_GH.24\_35.rep



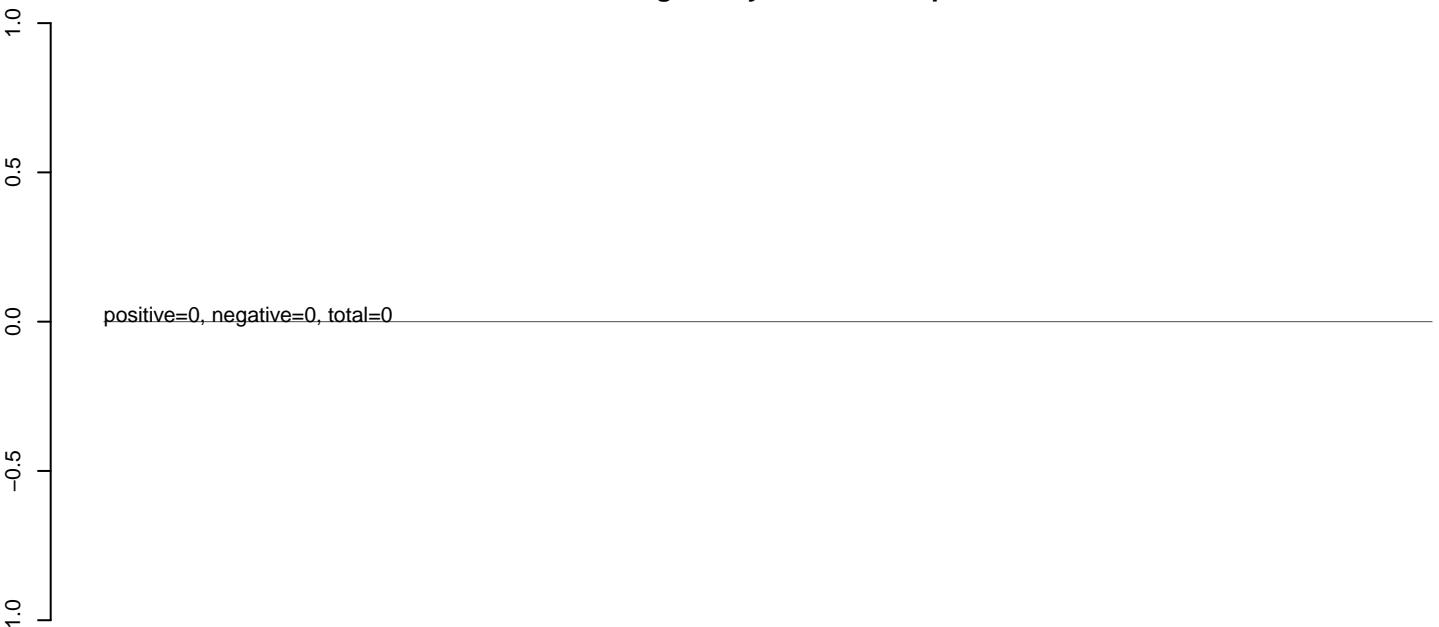
### AeAeg\_Ovary\_GH.rep



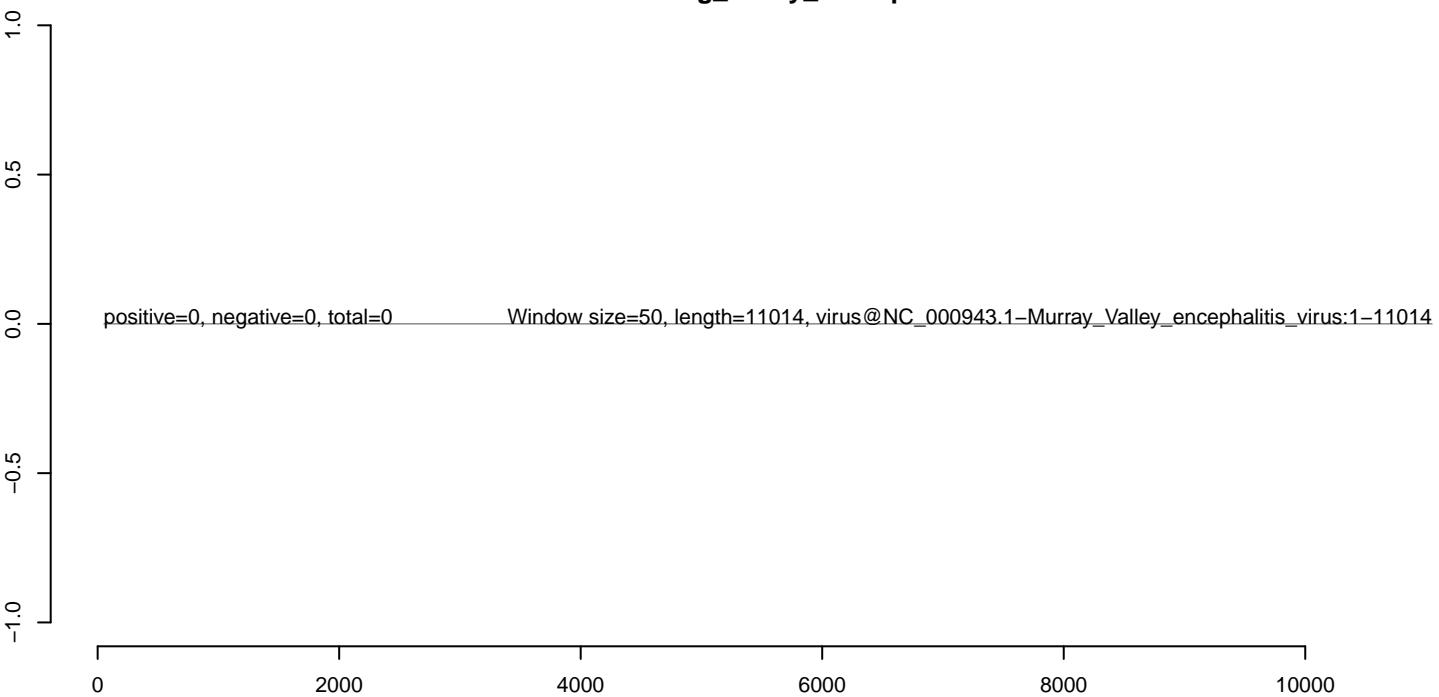
### AeAeg\_Ovary\_GH.18\_23.rep



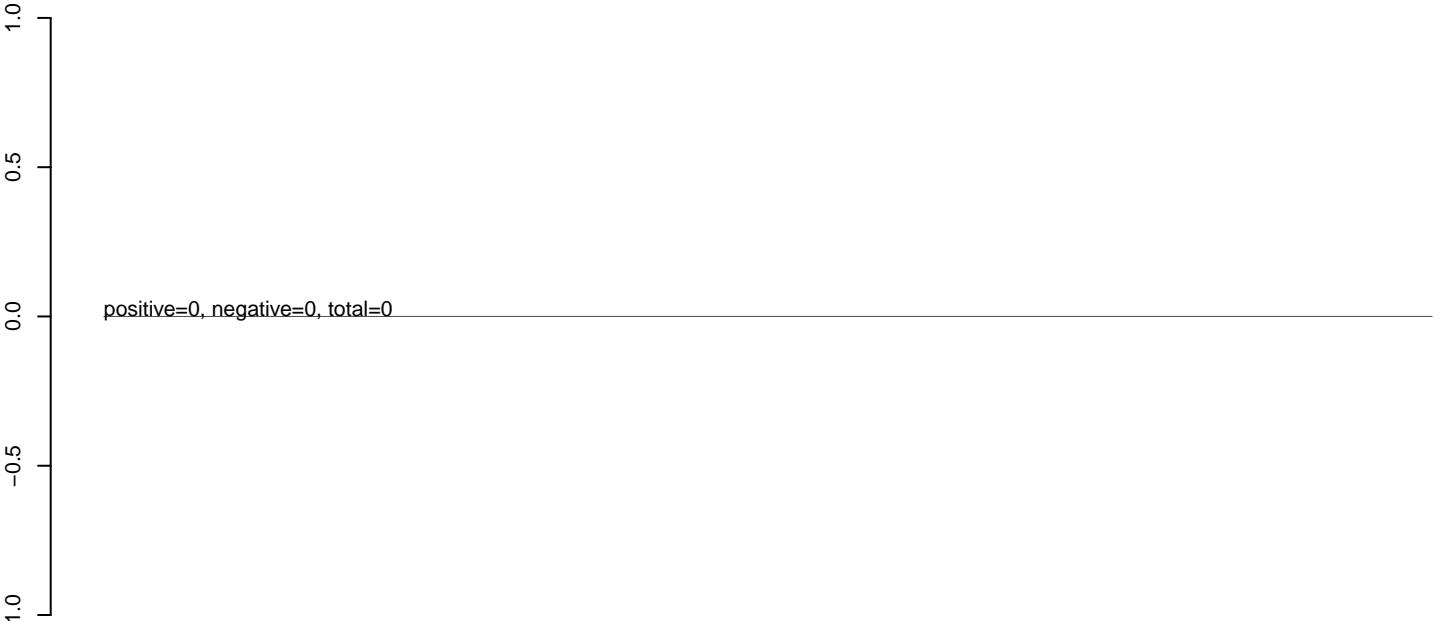
### AeAeg\_Ovary\_GH.24\_35.rep



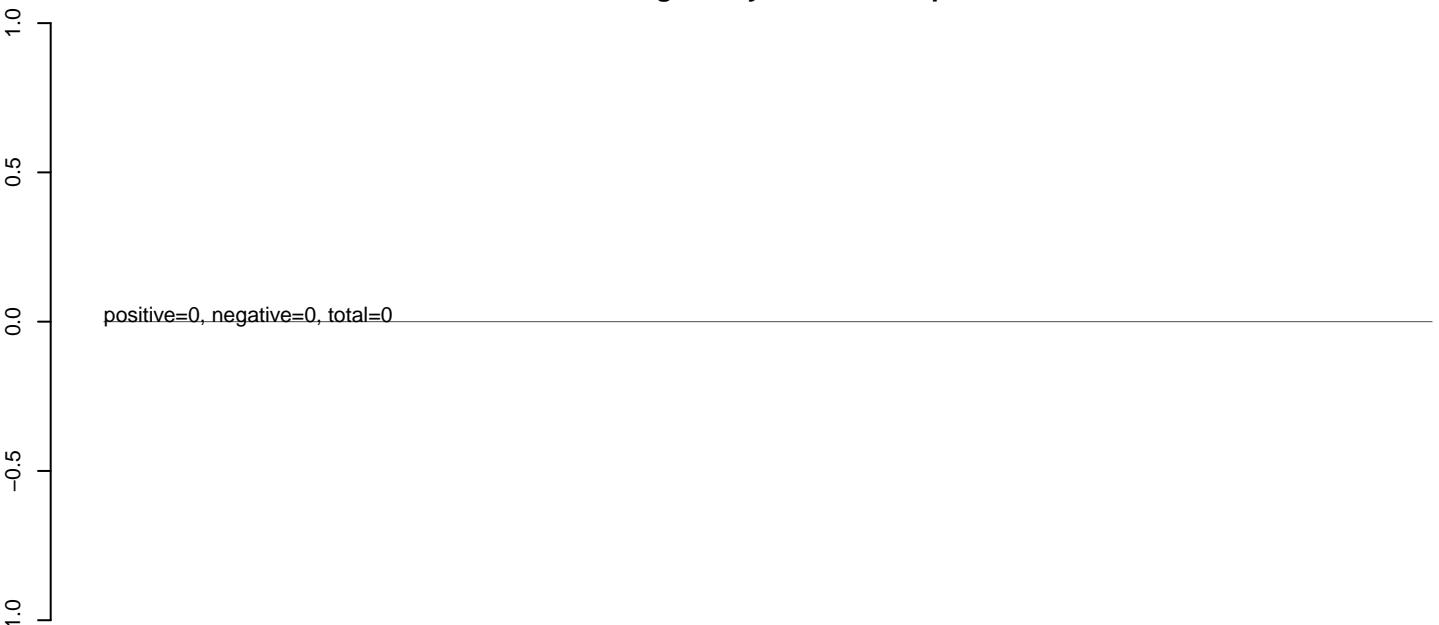
### AeAeg\_Ovary\_GH.rep



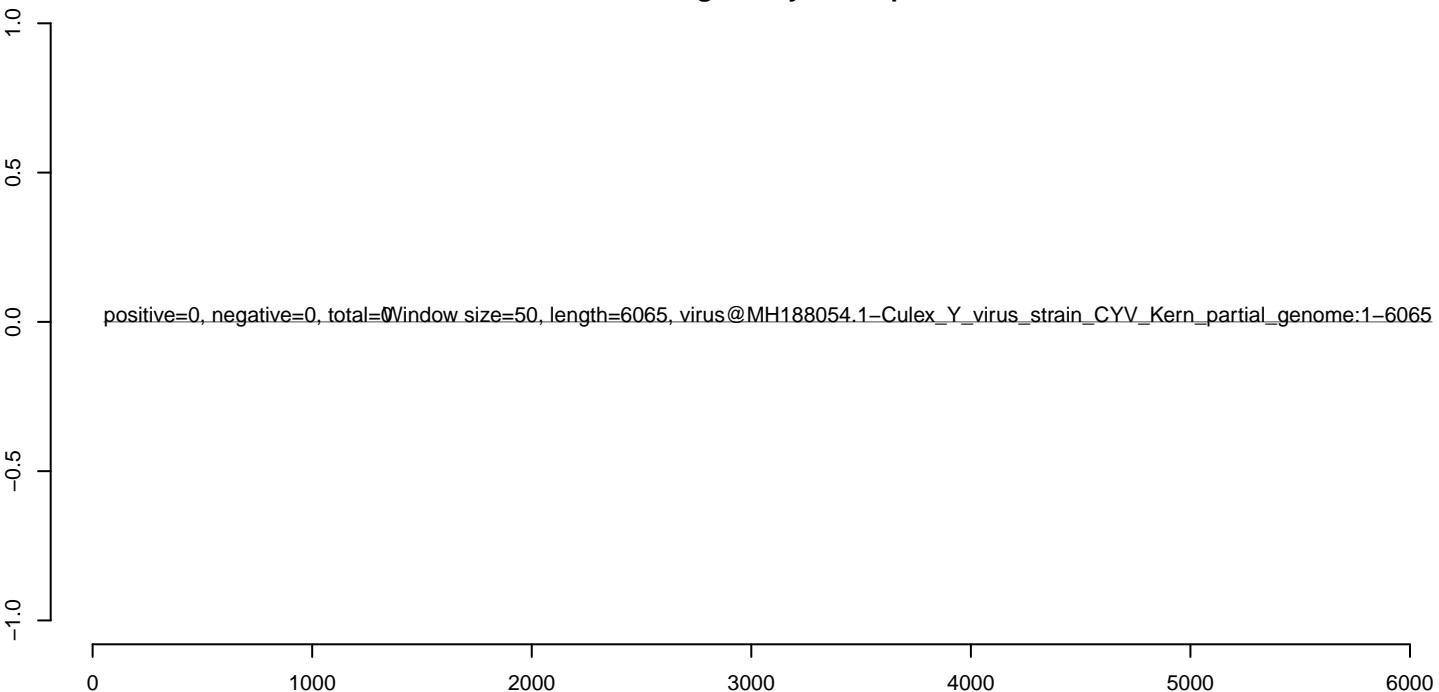
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0    Window size=50, length=11657, virus@M20162.1–Ross\_River\_virus\_RRV\_strain\_NB5092\_RNA:1–11657

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

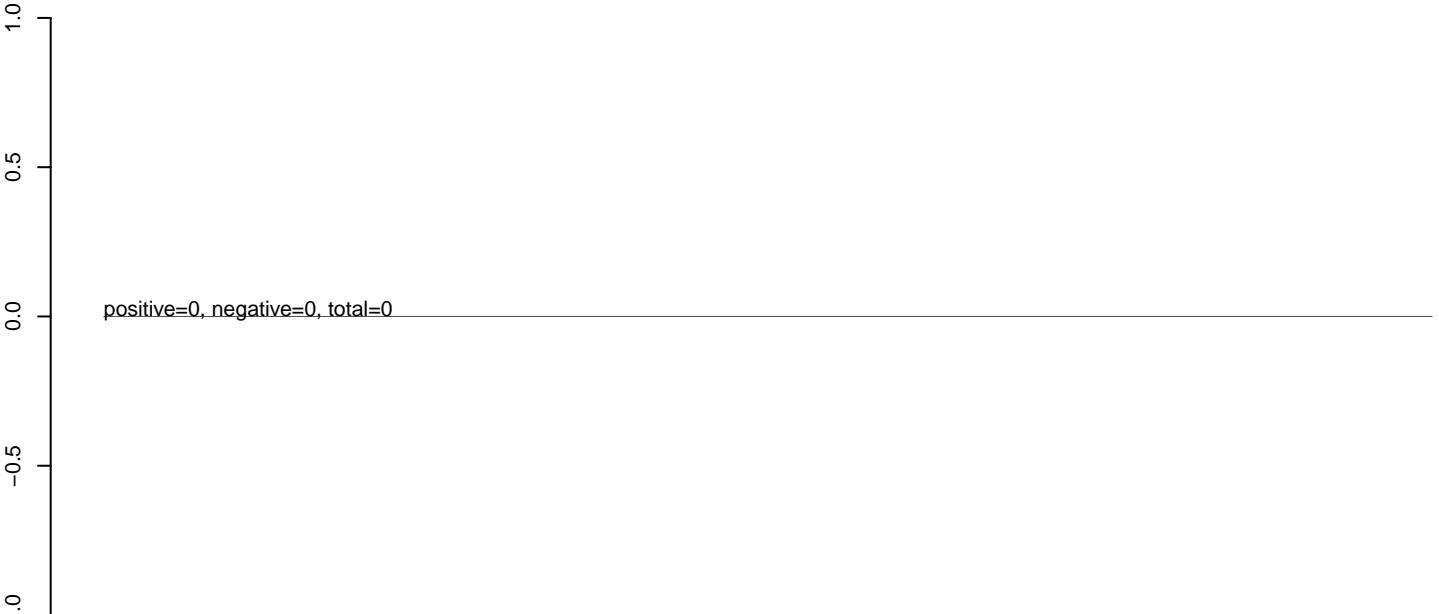
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

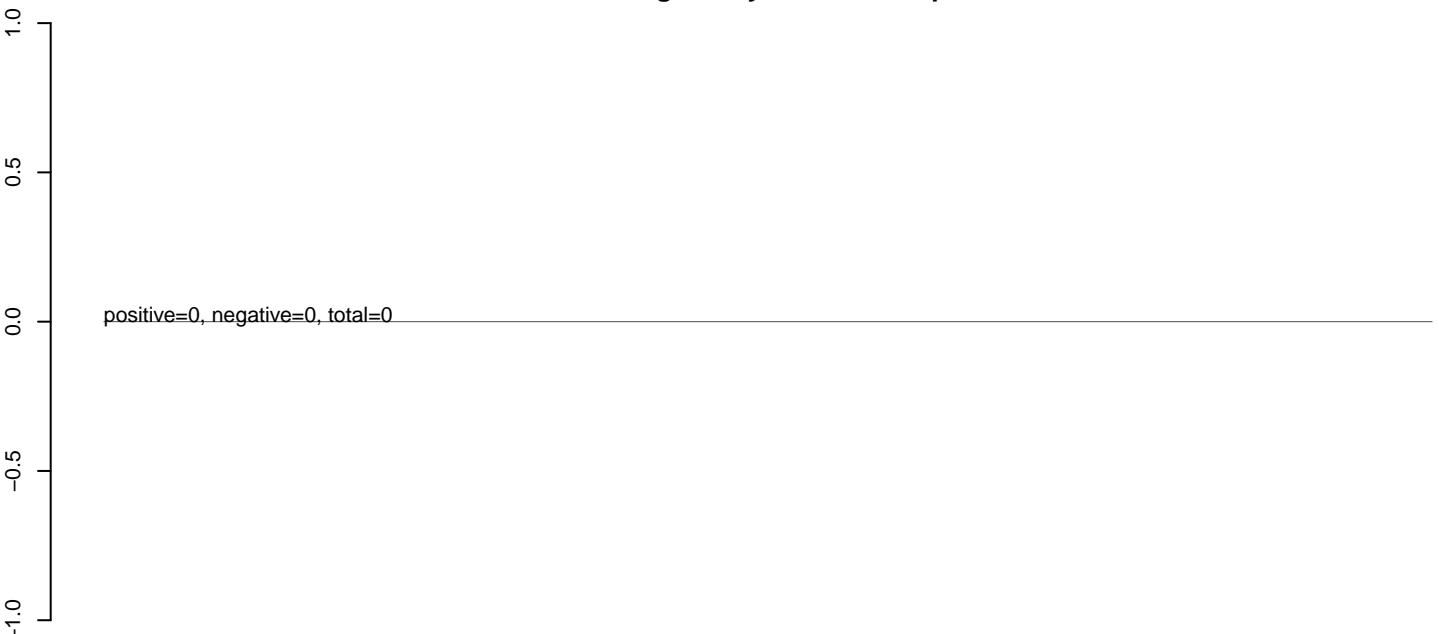
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0, length=4780, virus@KU169879.1-Anopheles\_cypovirus\_RNA-dependent\_RNA\_polymerase\_gene:1-4780

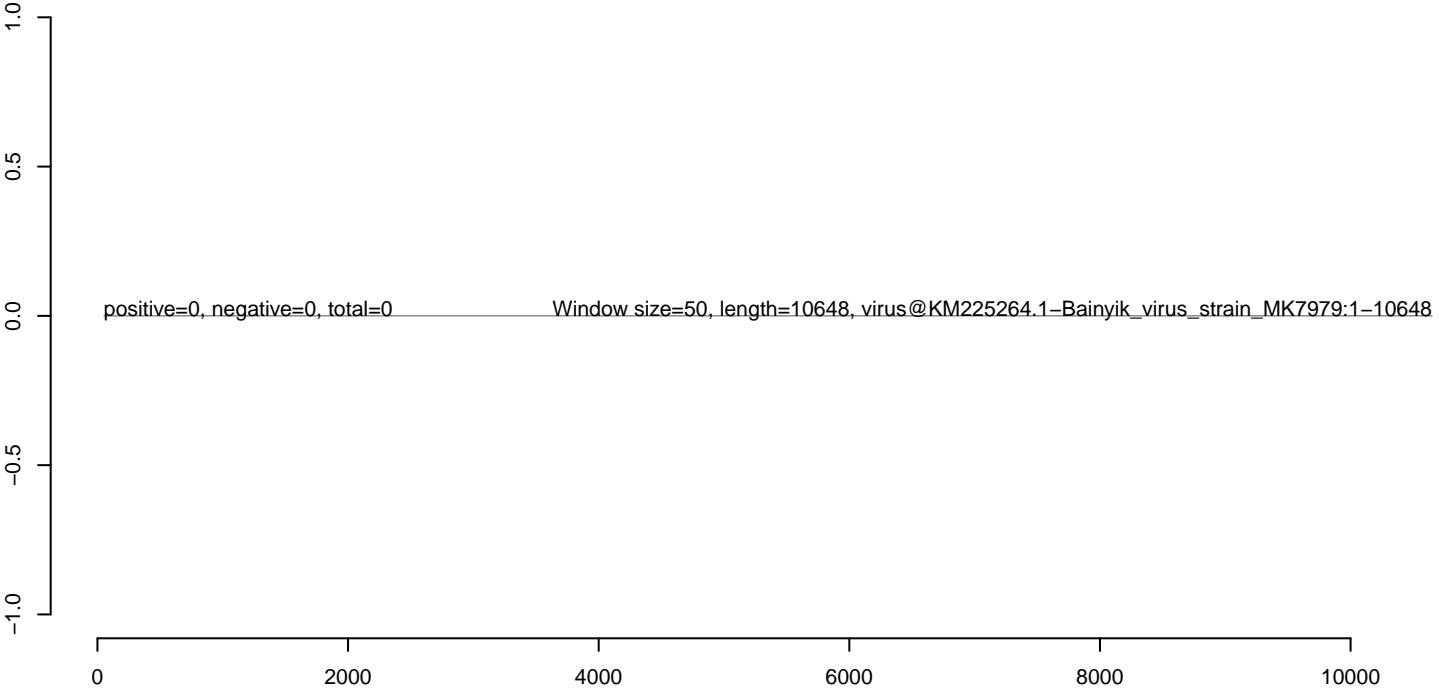
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

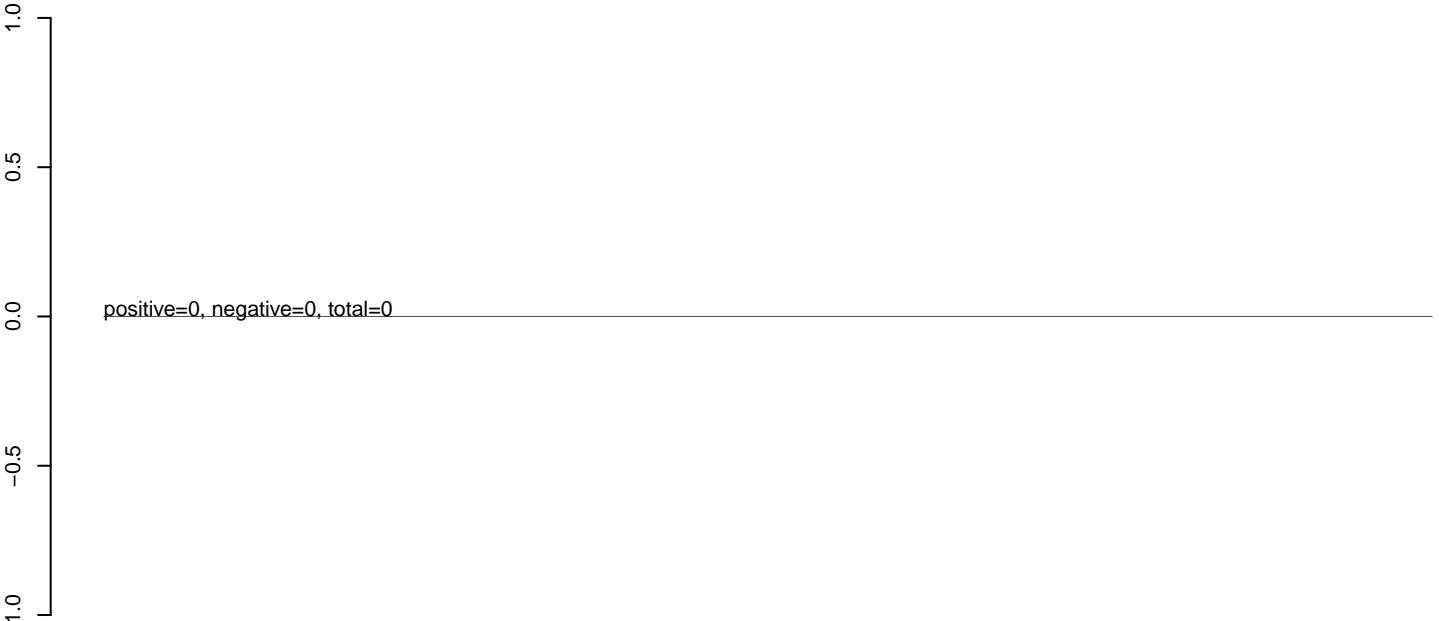
### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

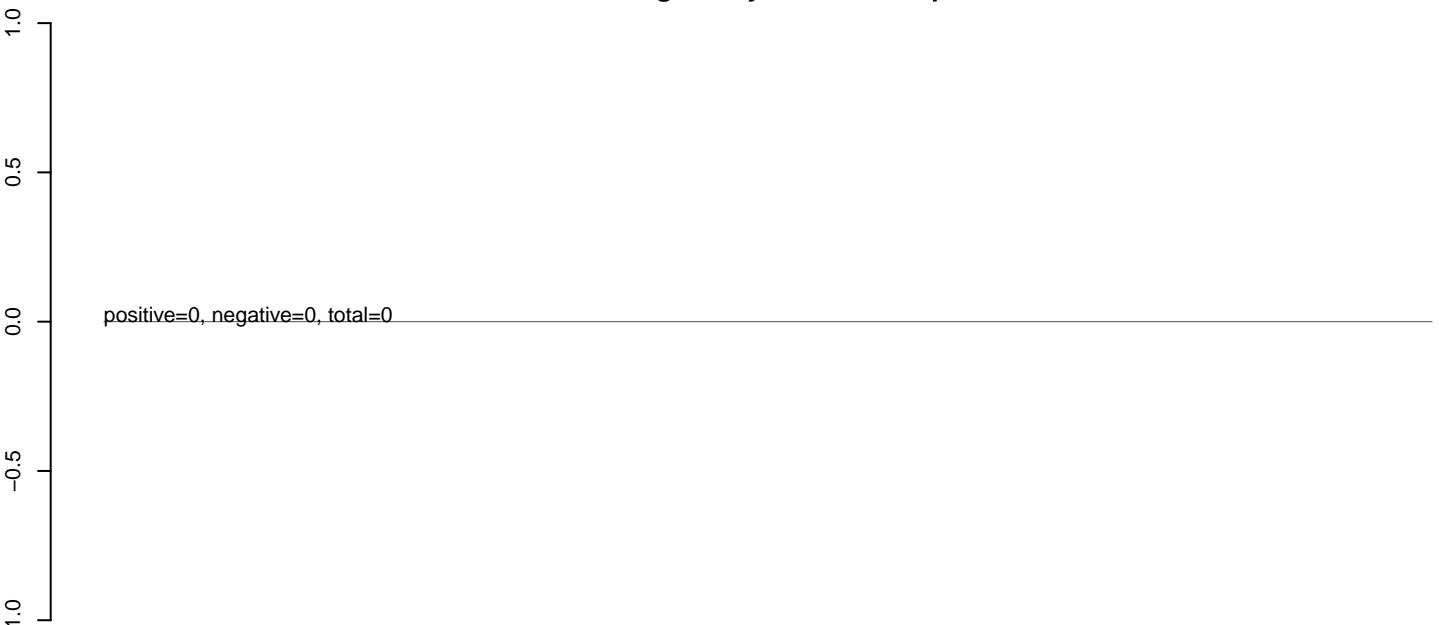
### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, size=50, length=4773, virus@KJ632942.1-Mosinovirus\_strain\_C36\_Cl-2004\_segment\_RNA\_1\_and\_RNA\_2:1-4773

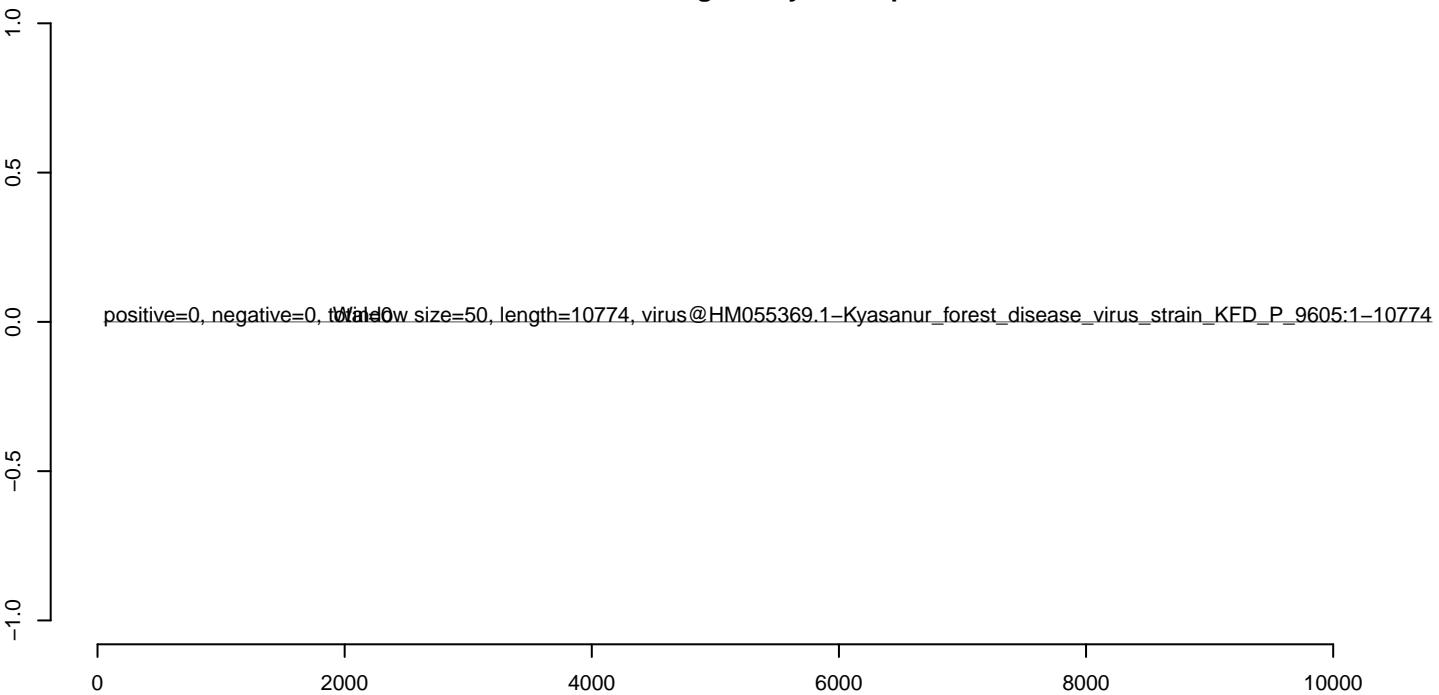
### AeAeg\_Ovary\_GH.18\_23.rep



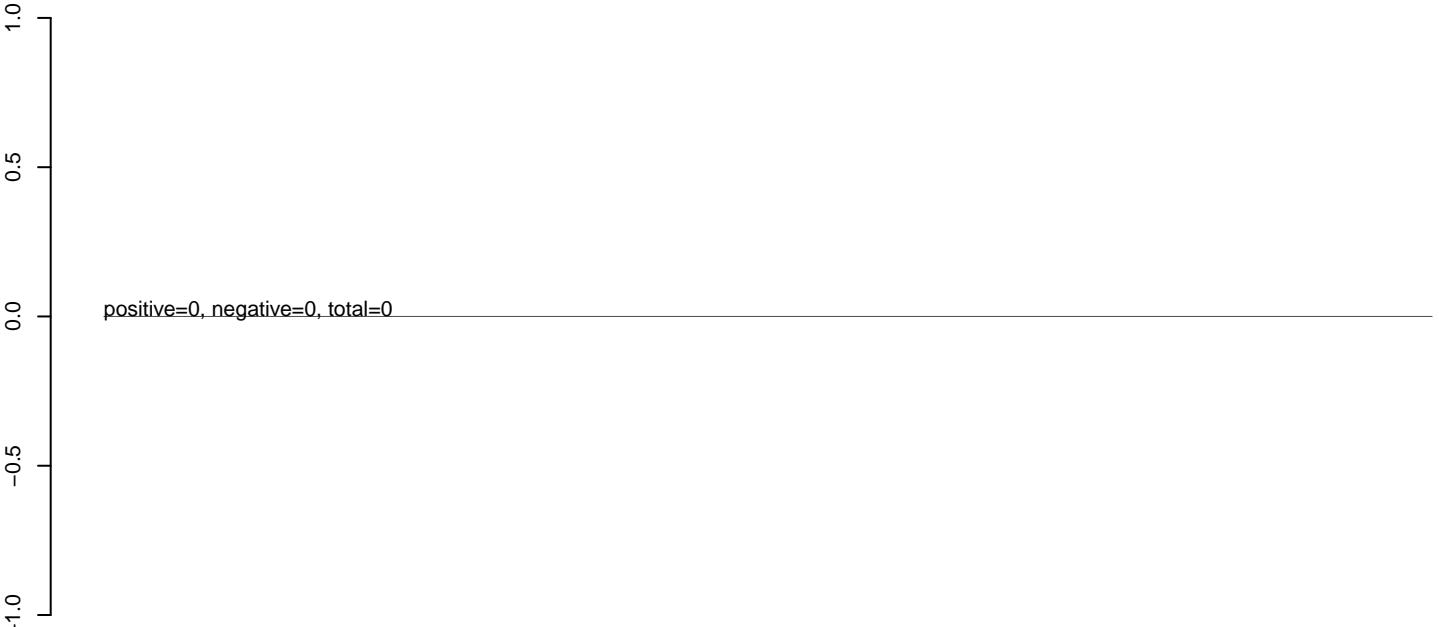
### AeAeg\_Ovary\_GH.24\_35.rep



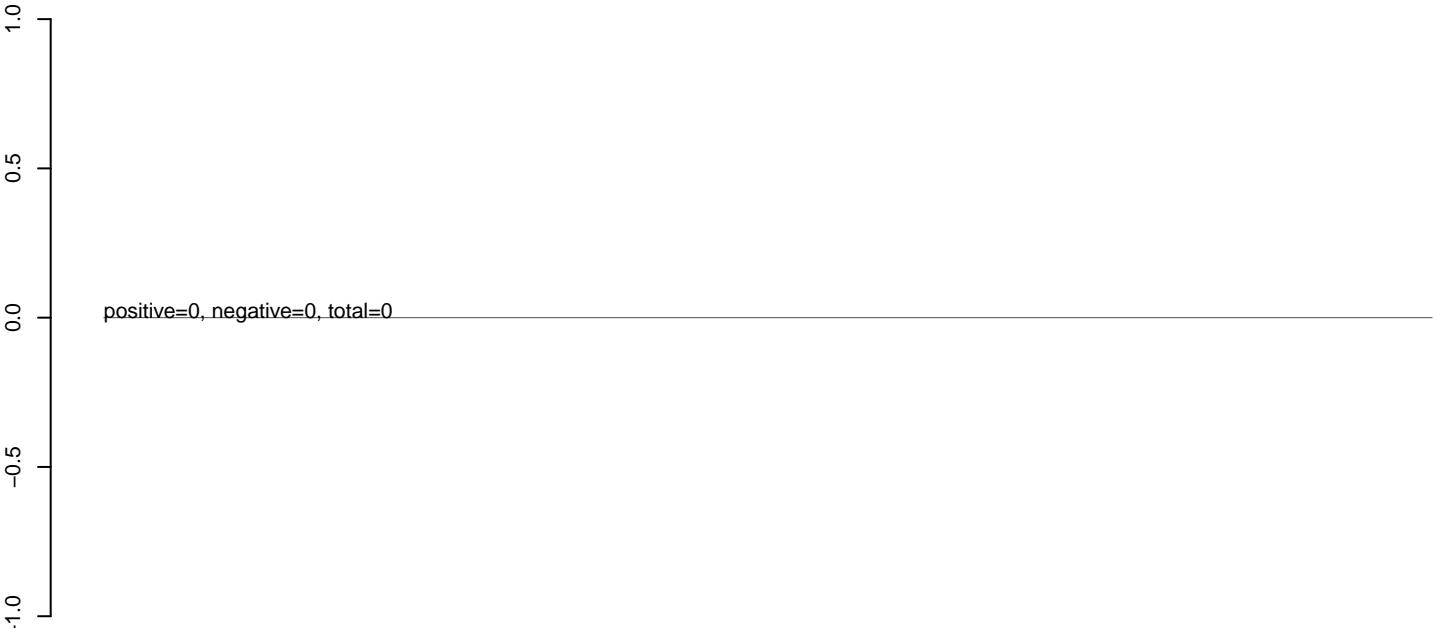
### AeAeg\_Ovary\_GH.rep



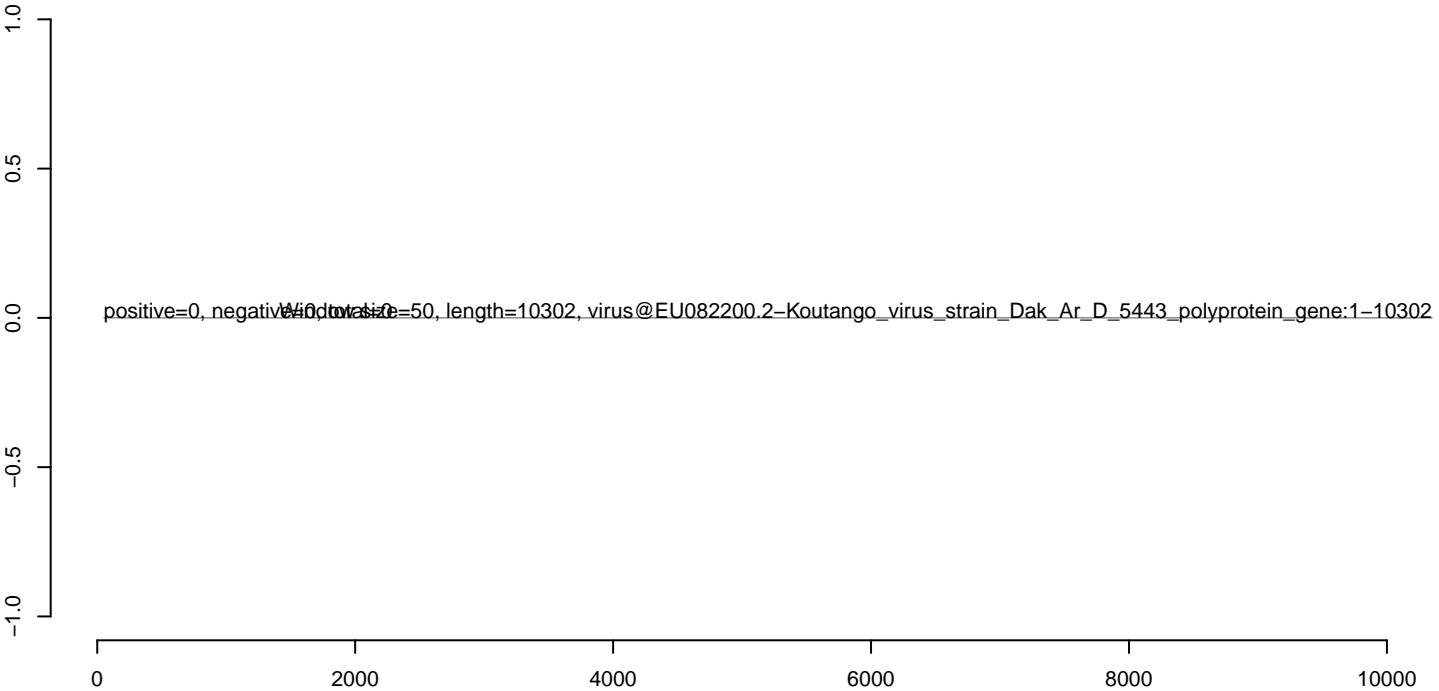
### AeAeg\_Ovary\_GH.18\_23.rep



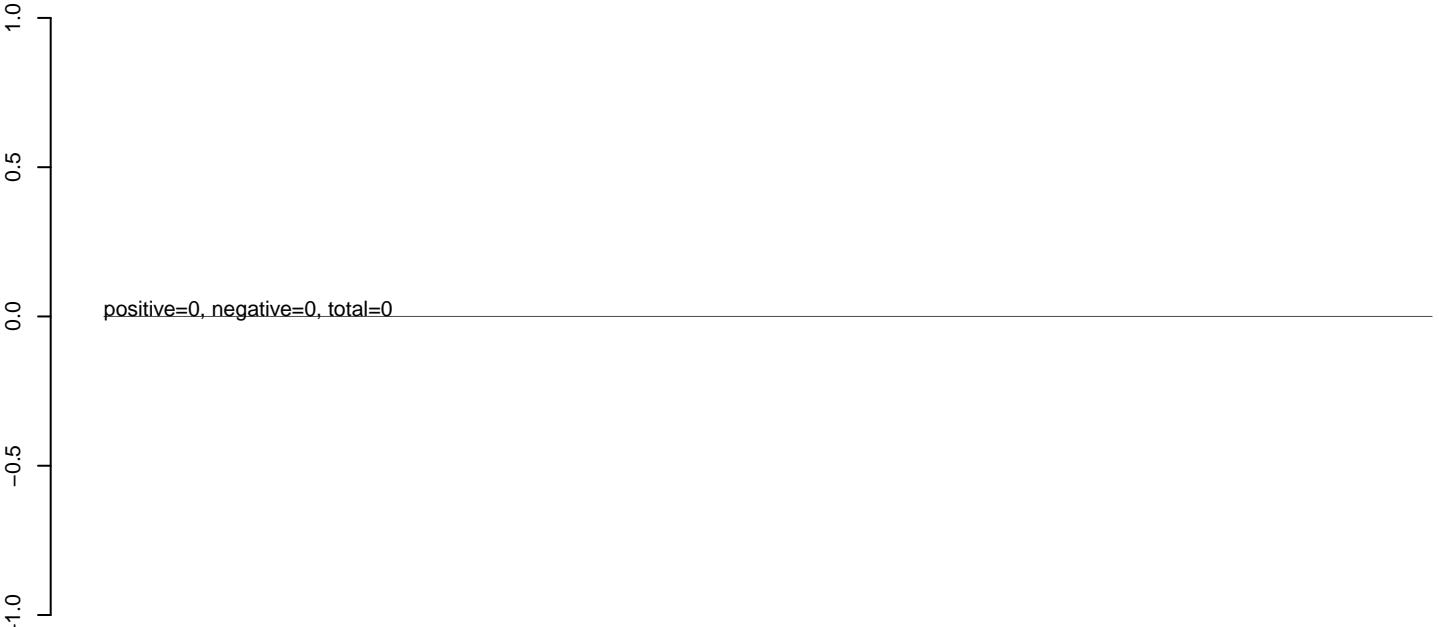
### AeAeg\_Ovary\_GH.24\_35.rep



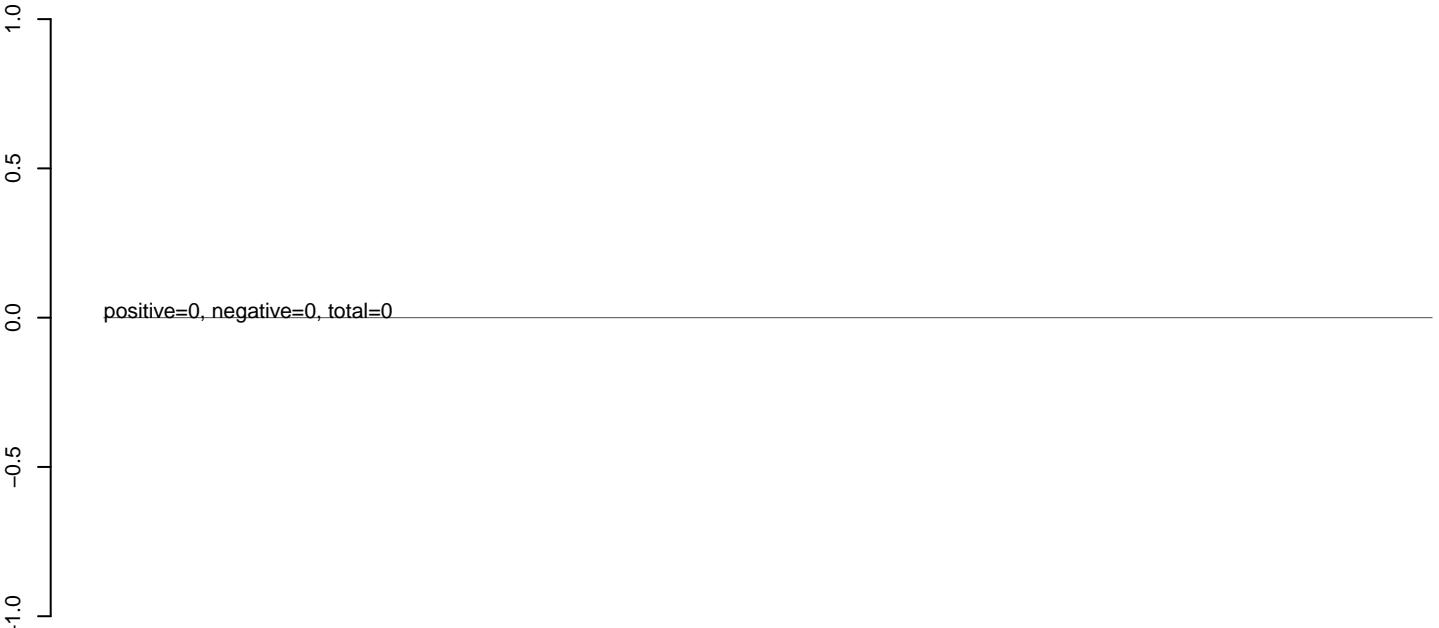
### AeAeg\_Ovary\_GH.rep



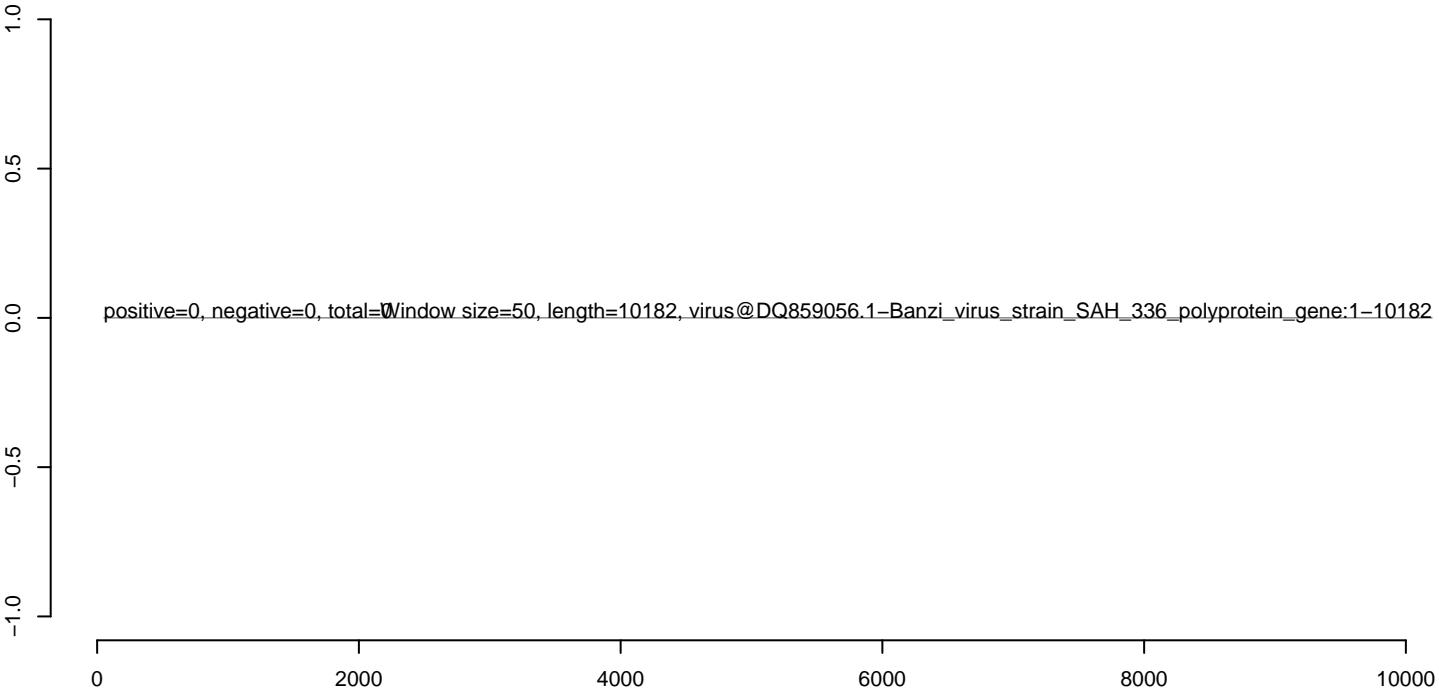
### AeAeg\_Ovary\_GH.18\_23.rep



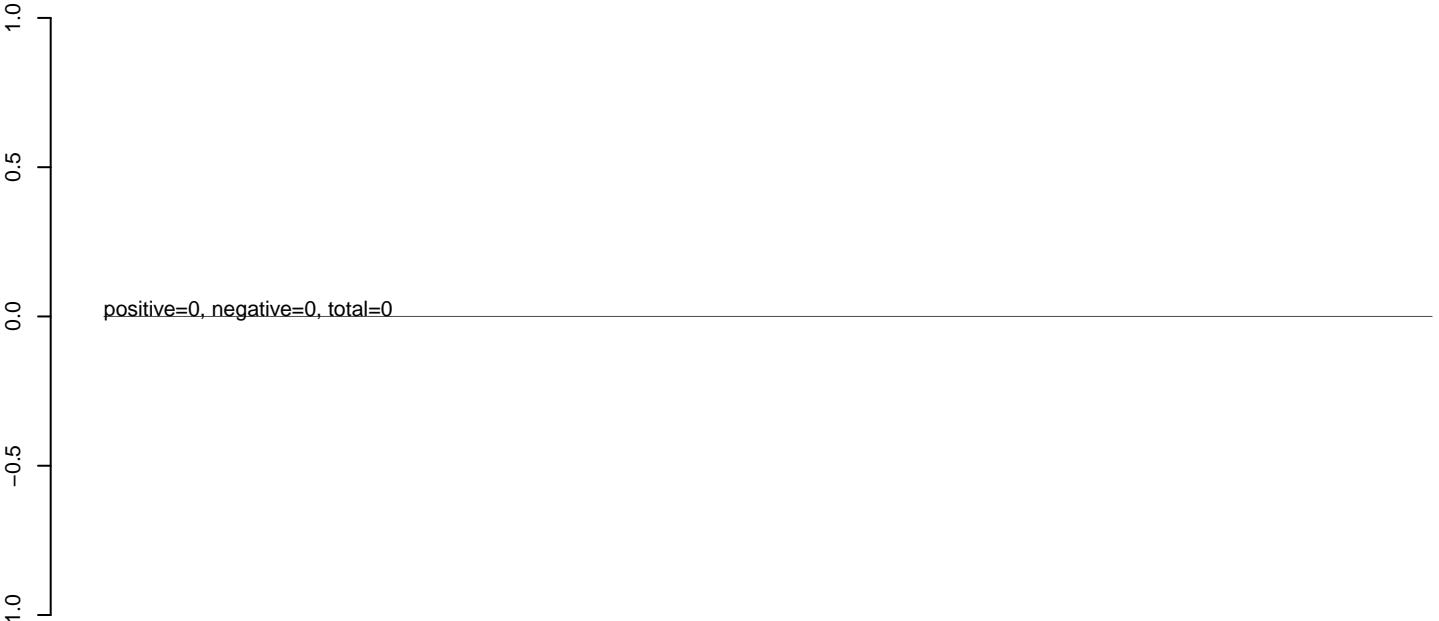
### AeAeg\_Ovary\_GH.24\_35.rep



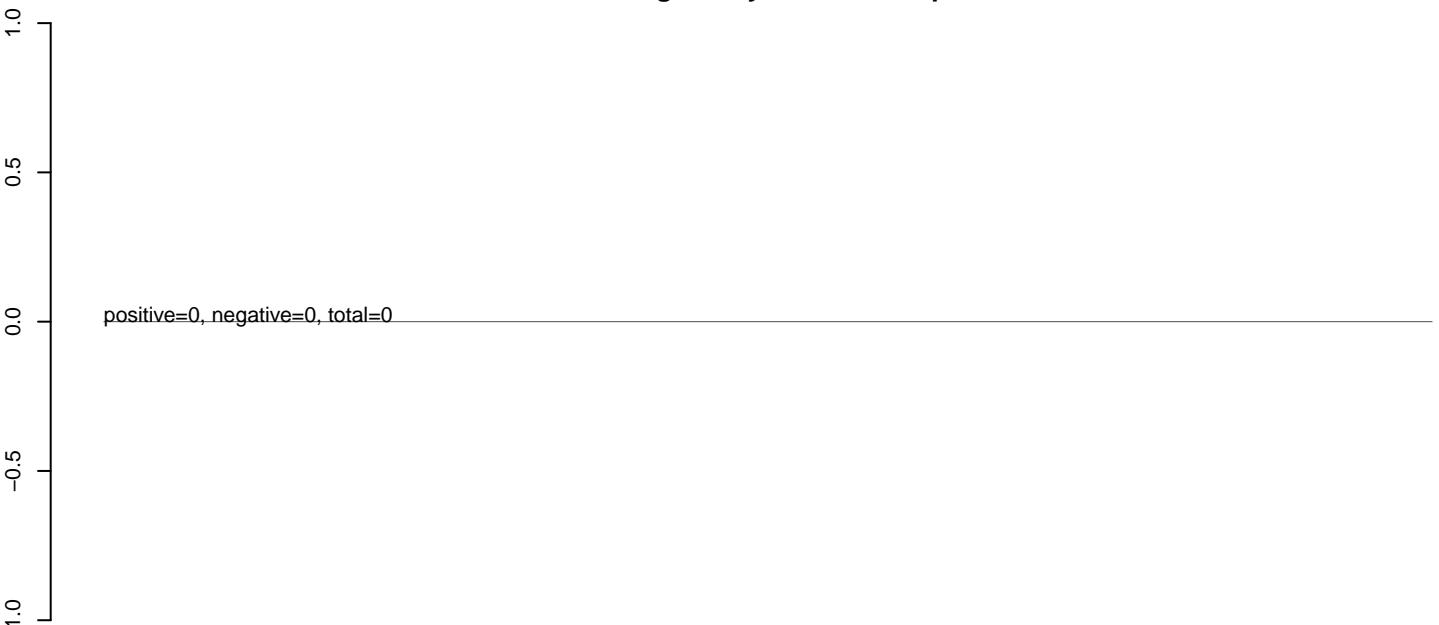
### AeAeg\_Ovary\_GH.rep



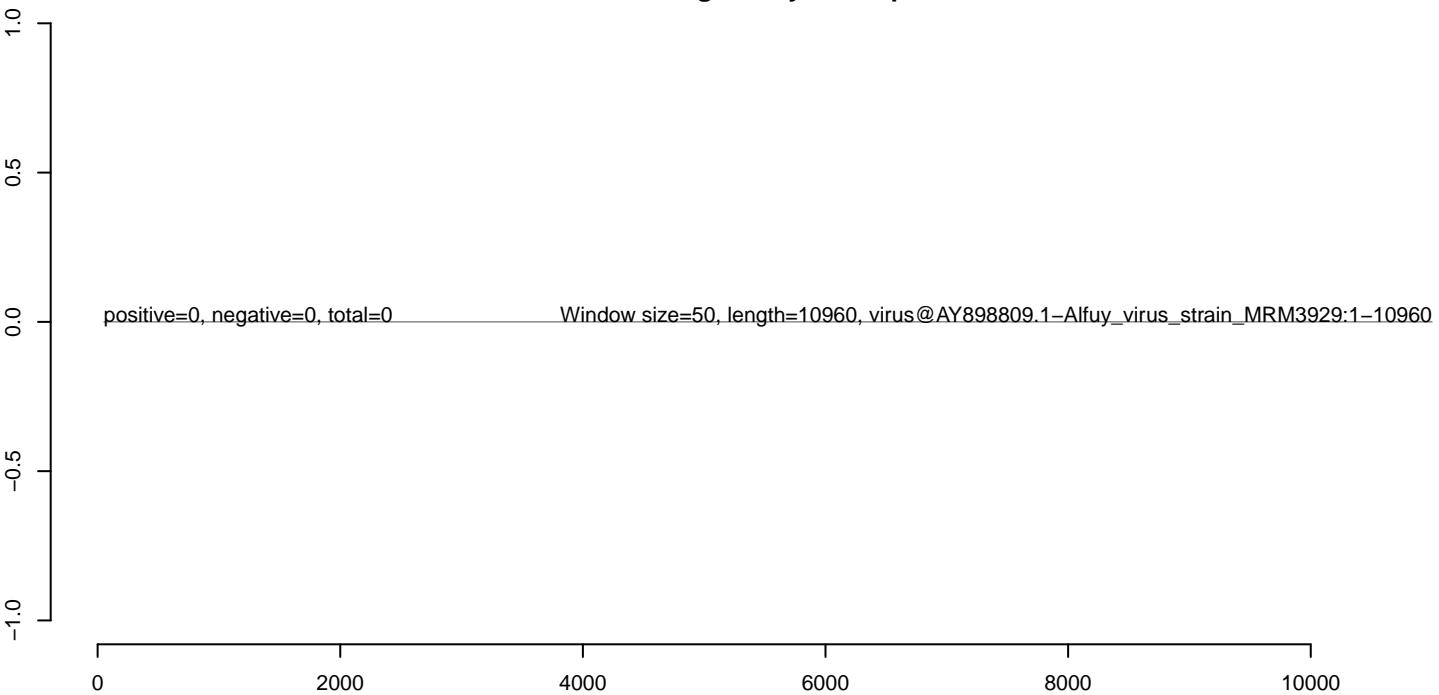
### AeAeg\_Ovary\_GH.18\_23.rep



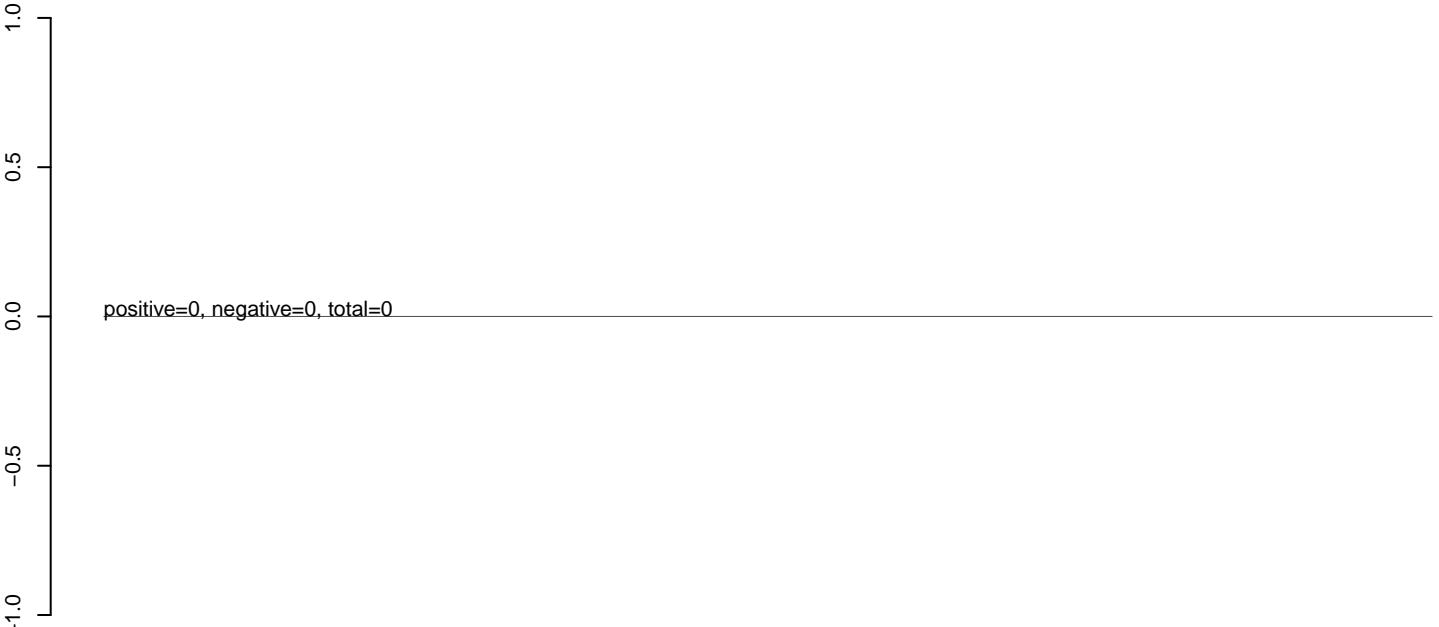
### AeAeg\_Ovary\_GH.24\_35.rep



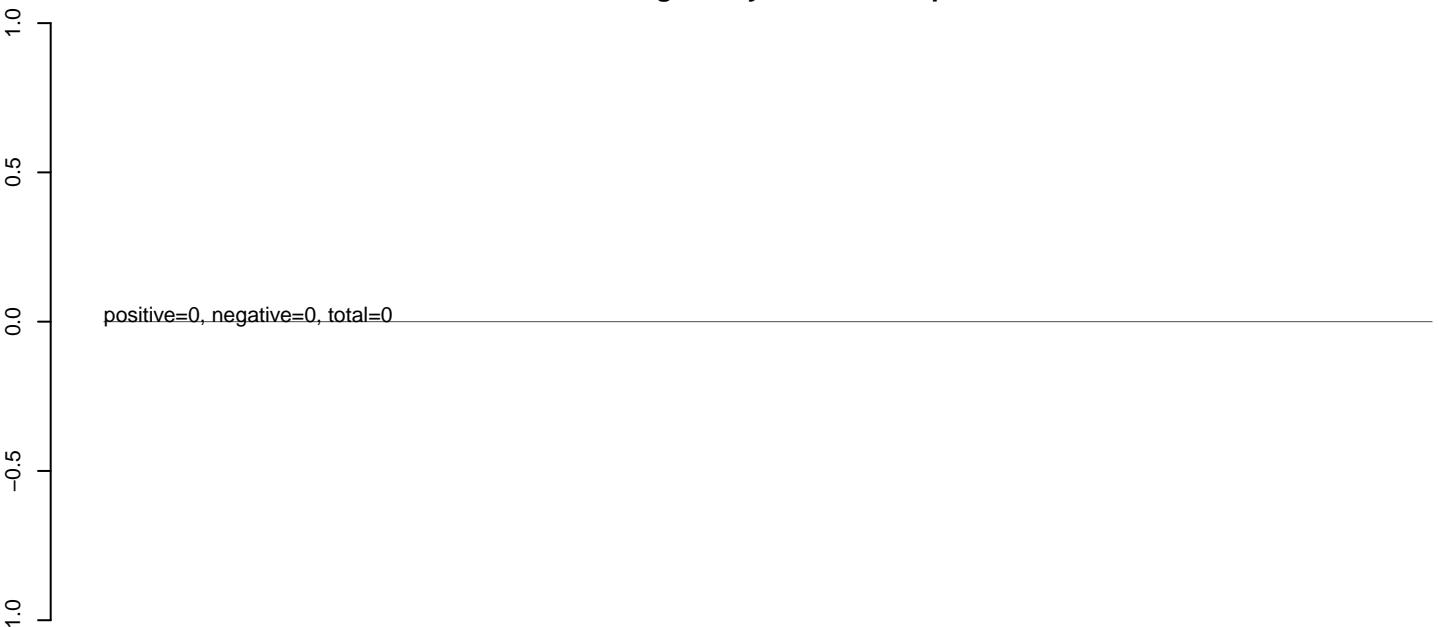
### AeAeg\_Ovary\_GH.rep



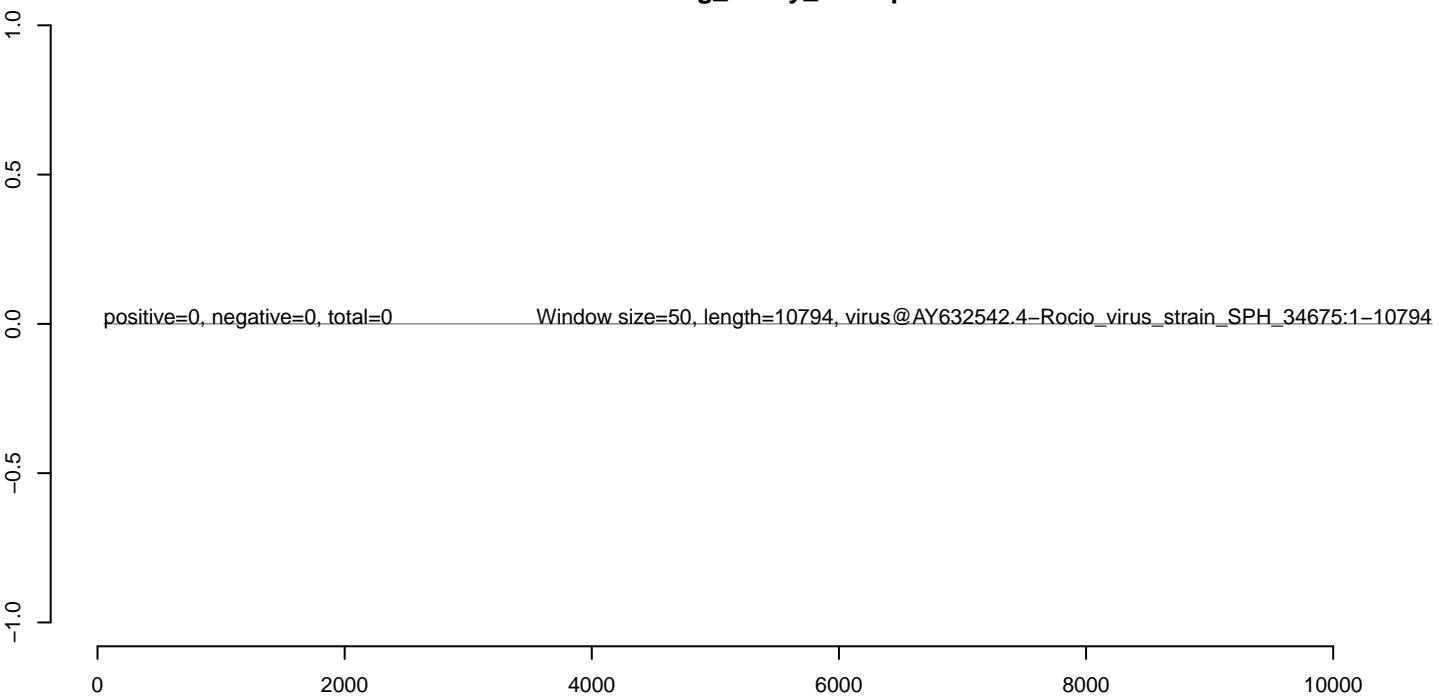
### AeAeg\_Ovary\_GH.18\_23.rep



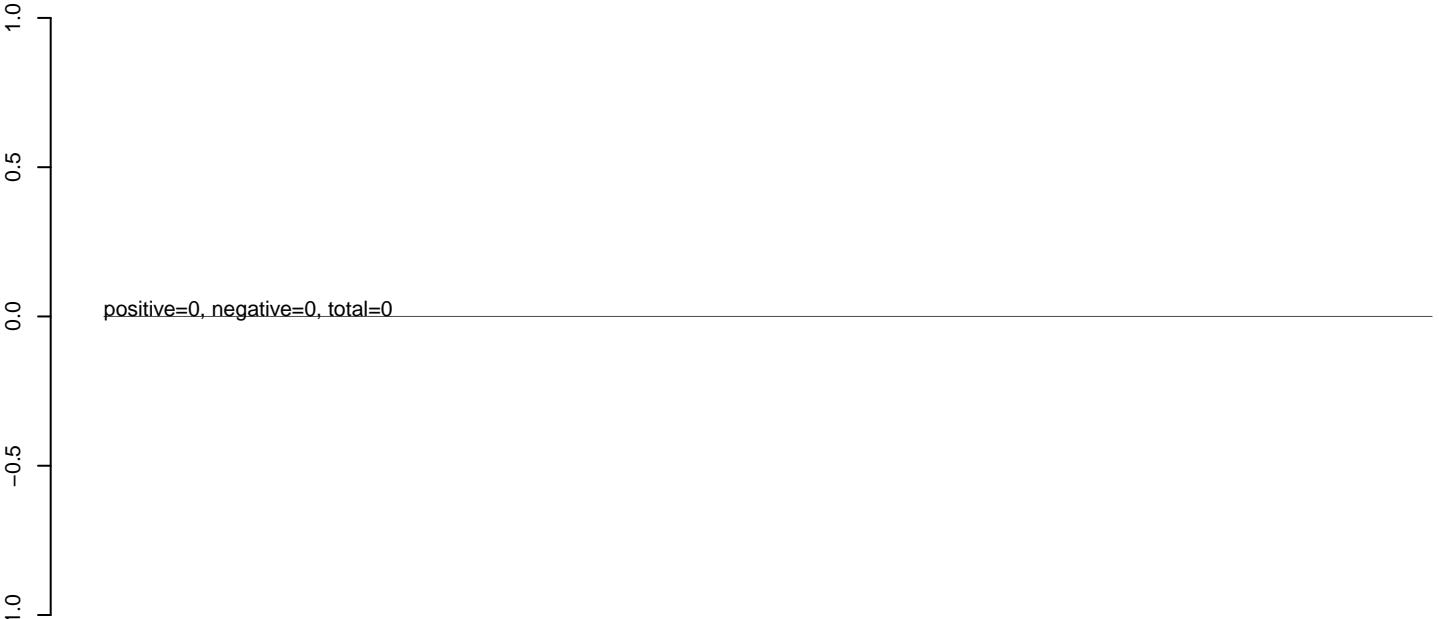
### AeAeg\_Ovary\_GH.24\_35.rep



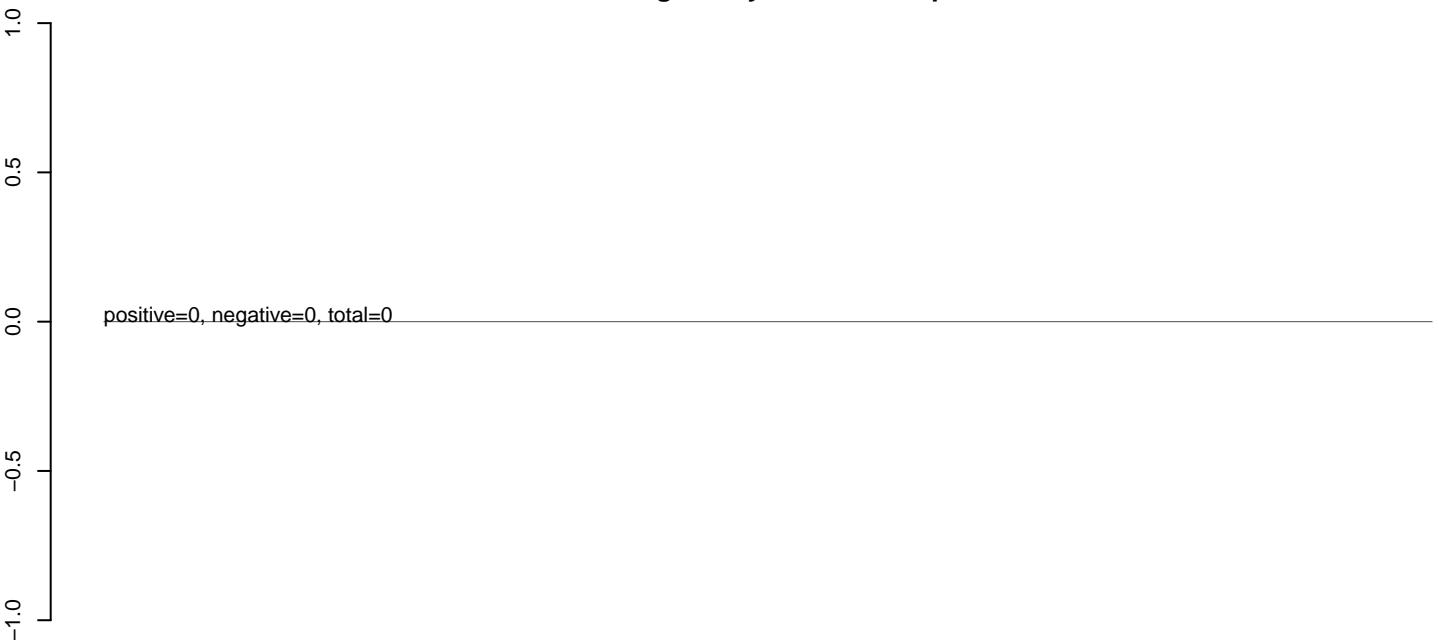
### AeAeg\_Ovary\_GH.rep



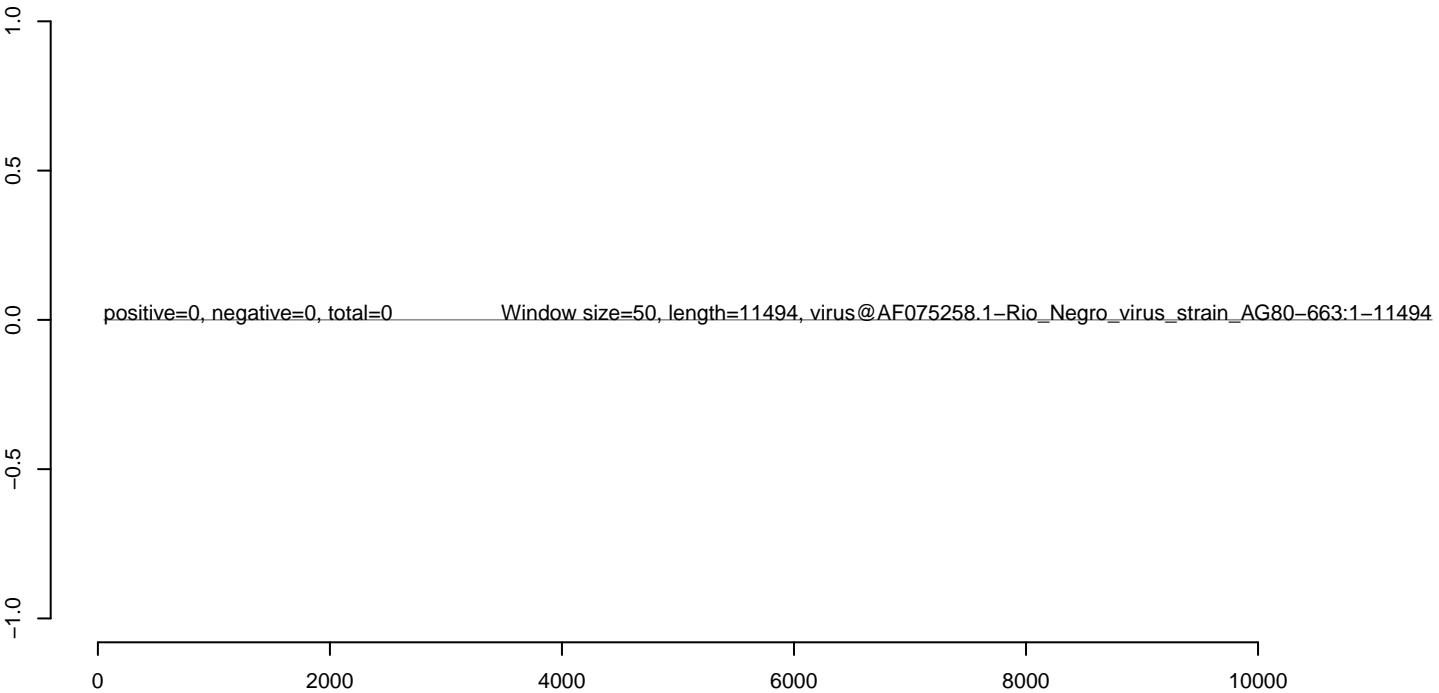
### AeAeg\_Ovary\_GH.18\_23.rep



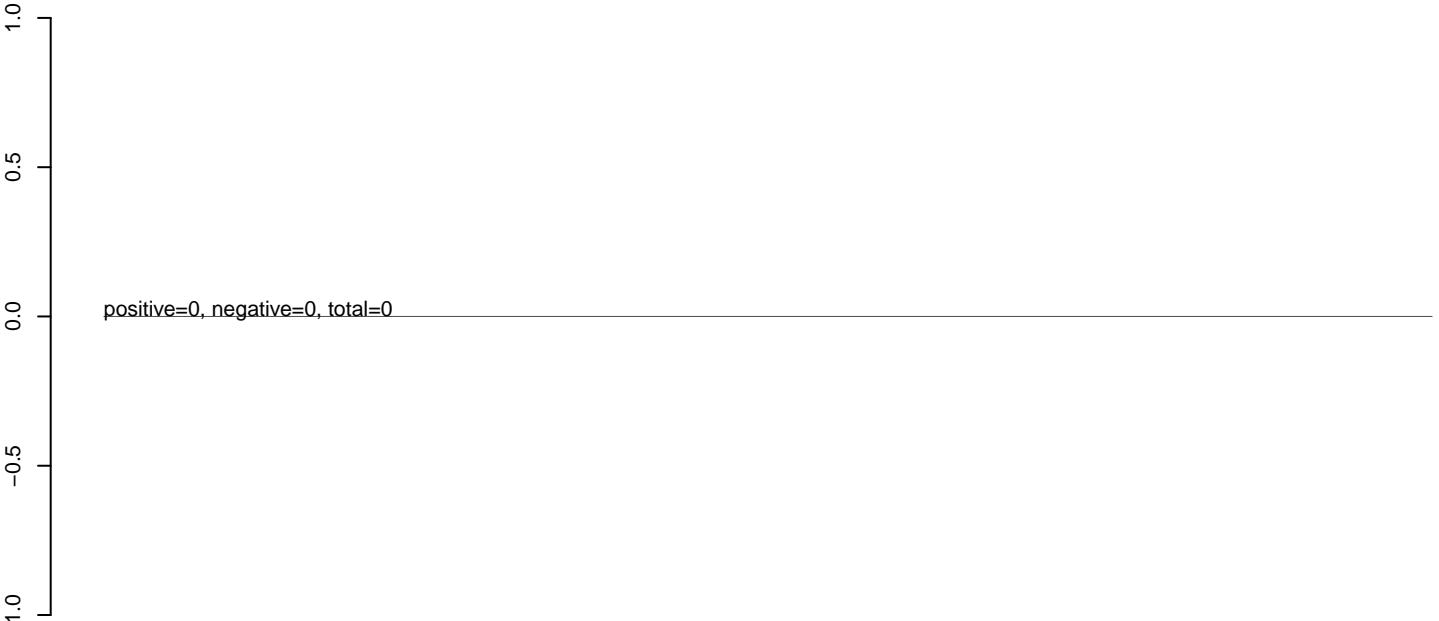
### AeAeg\_Ovary\_GH.24\_35.rep



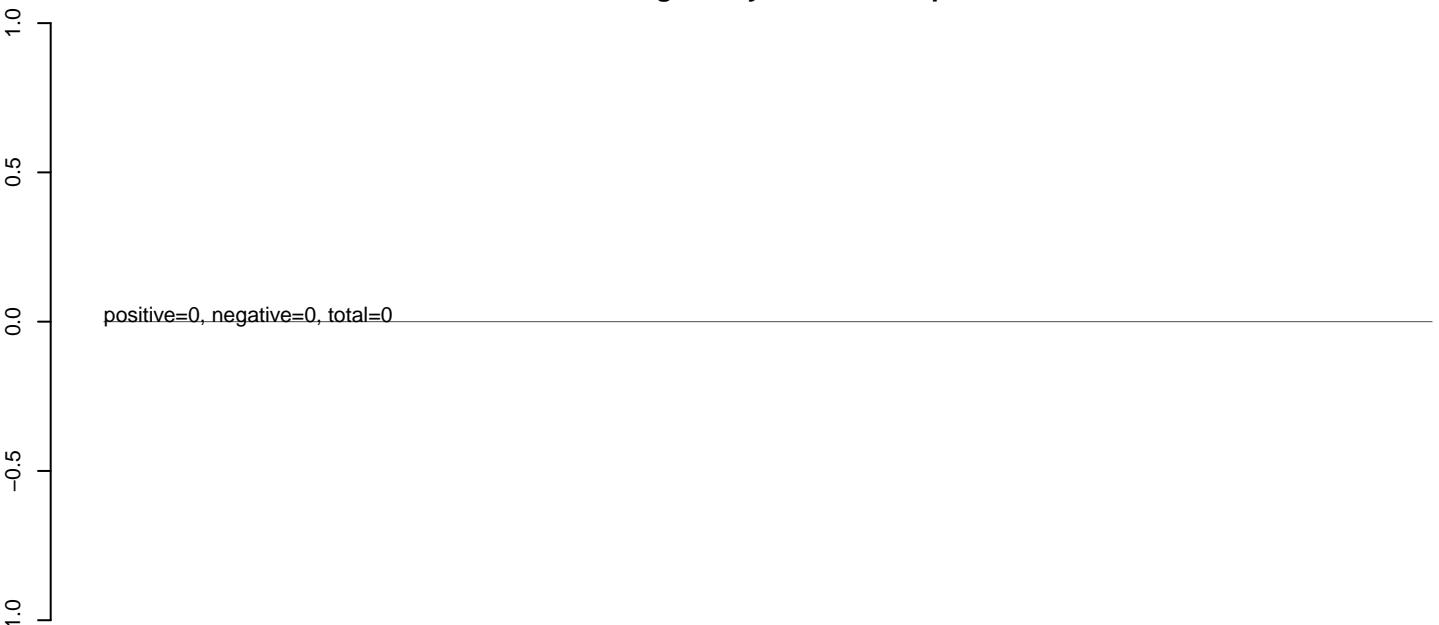
### AeAeg\_Ovary\_GH.rep



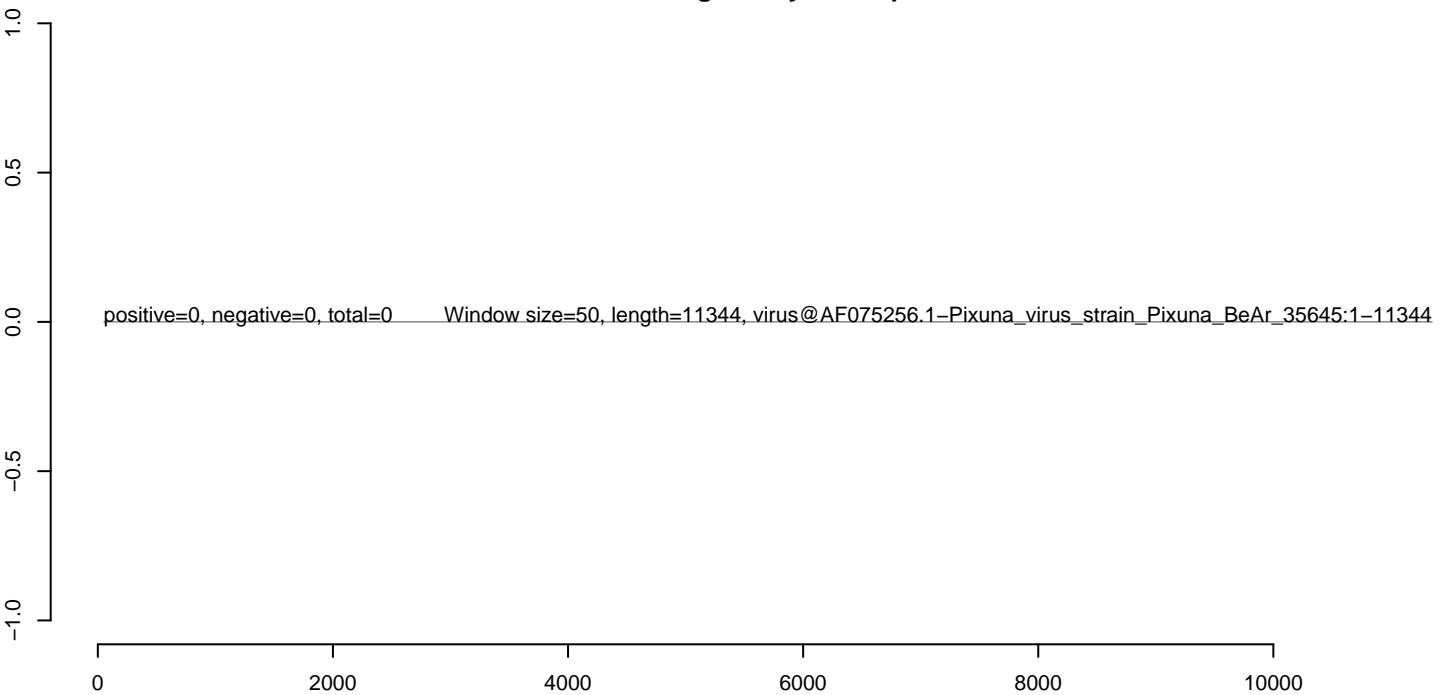
### AeAeg\_Ovary\_GH.18\_23.rep



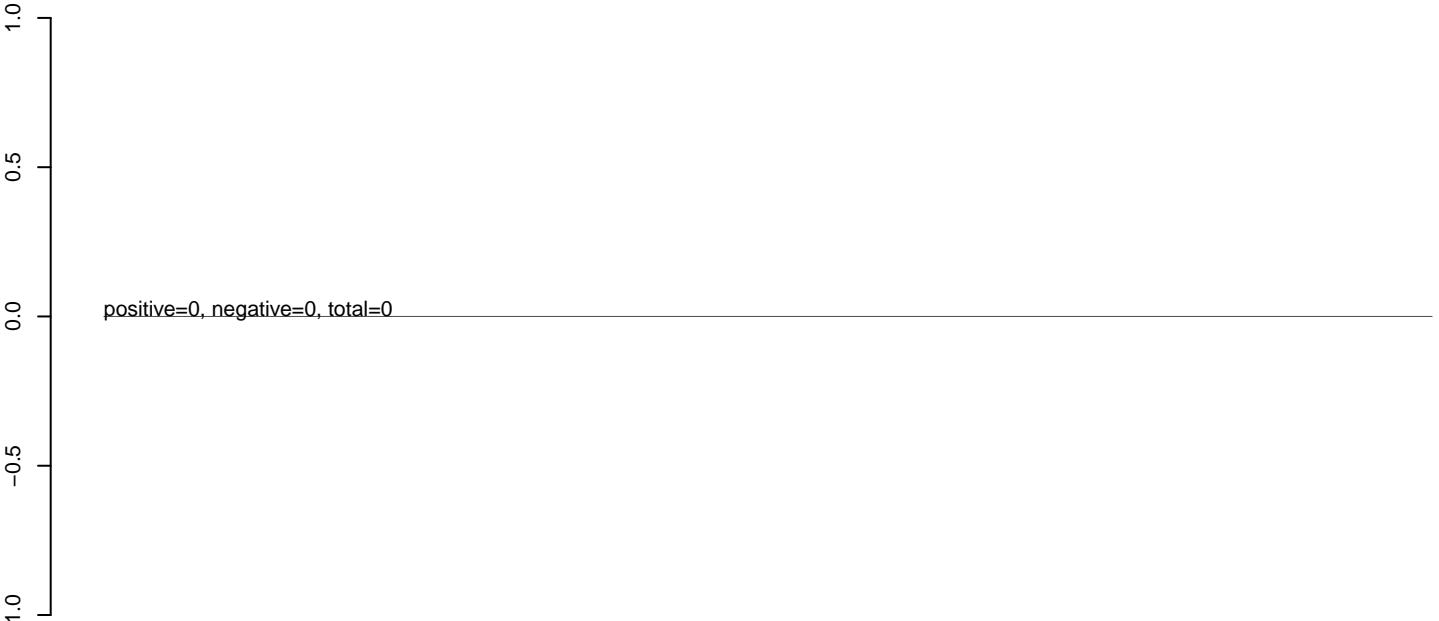
### AeAeg\_Ovary\_GH.24\_35.rep



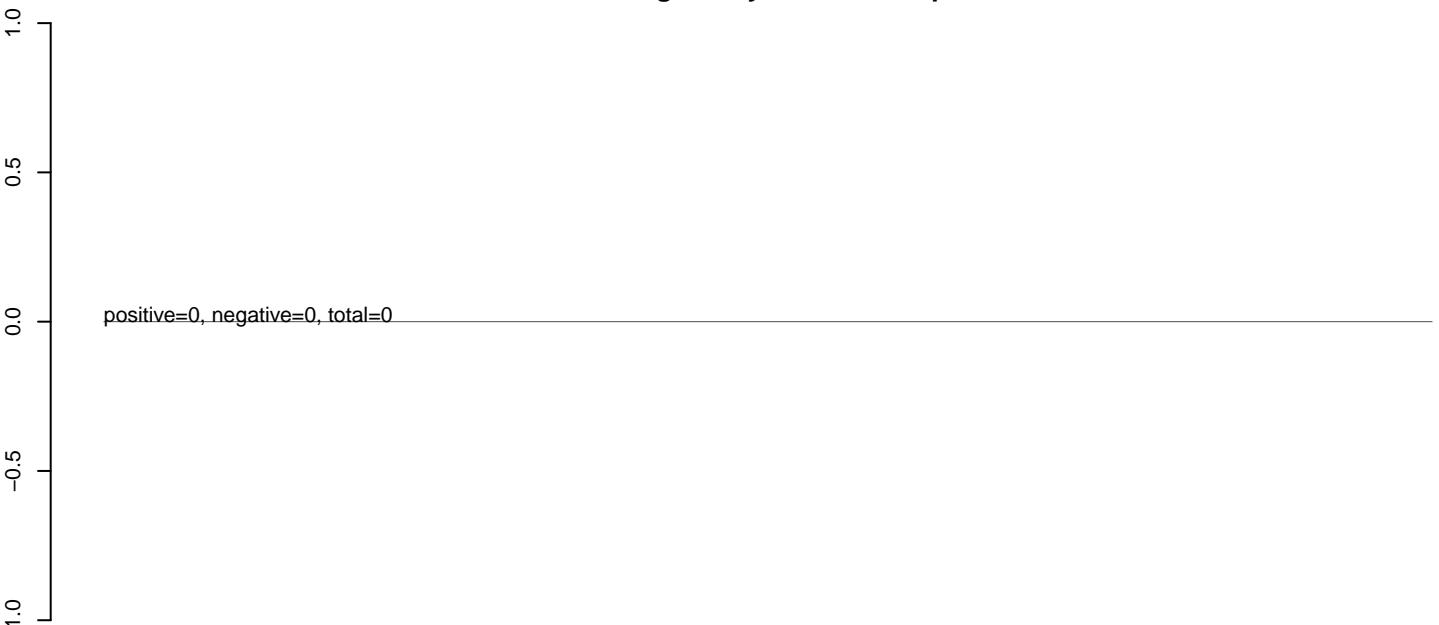
### AeAeg\_Ovary\_GH.rep



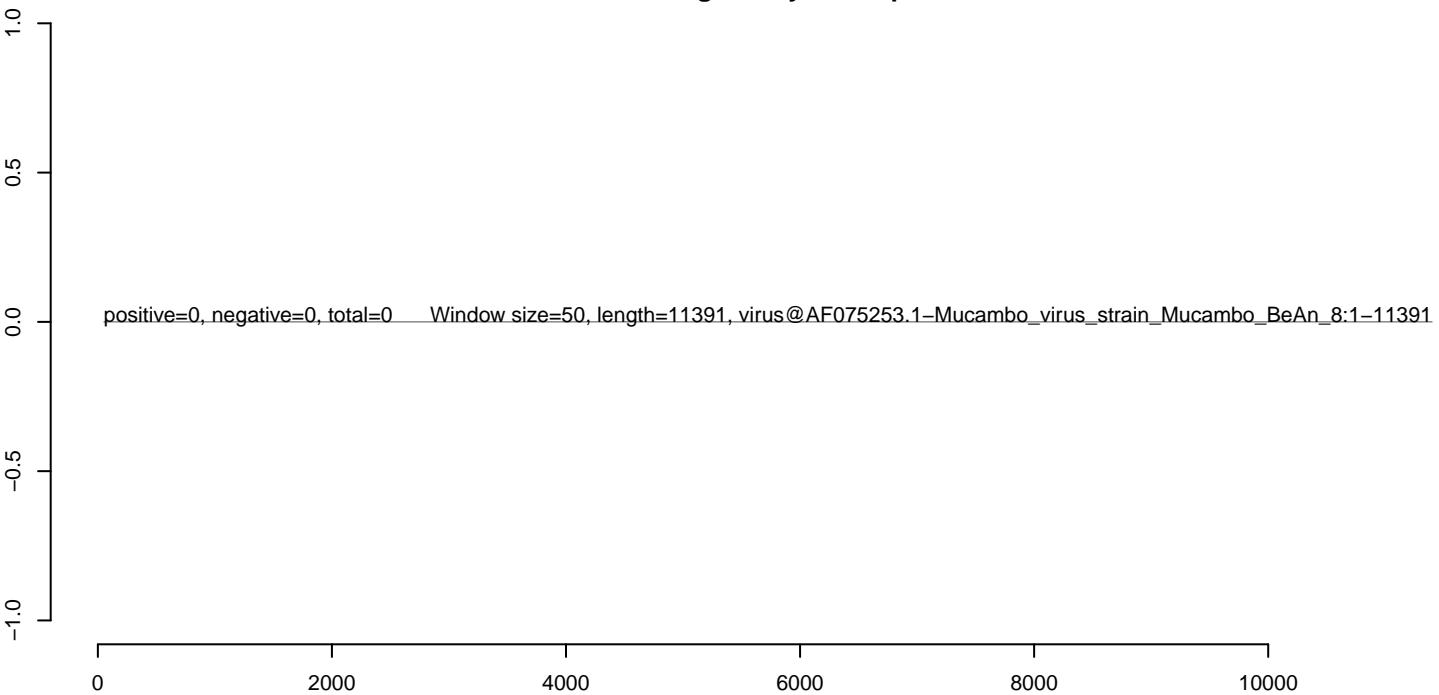
### AeAeg\_Ovary\_GH.18\_23.rep



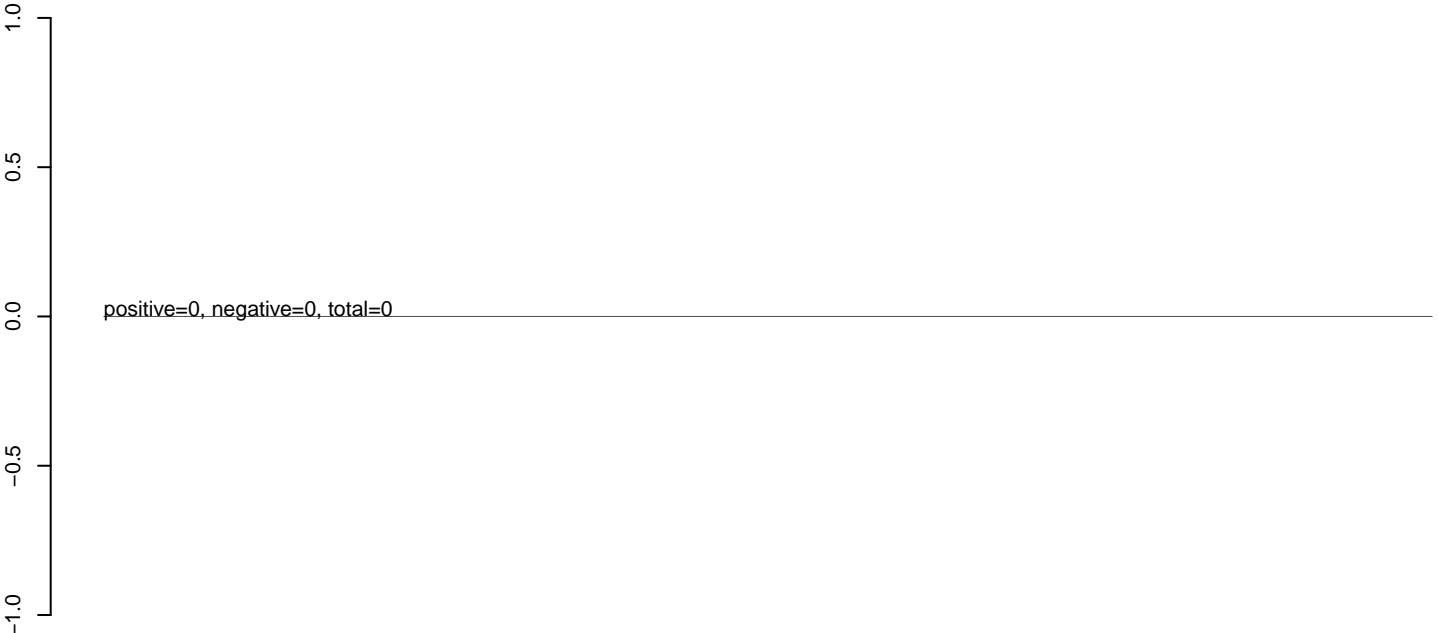
### AeAeg\_Ovary\_GH.24\_35.rep



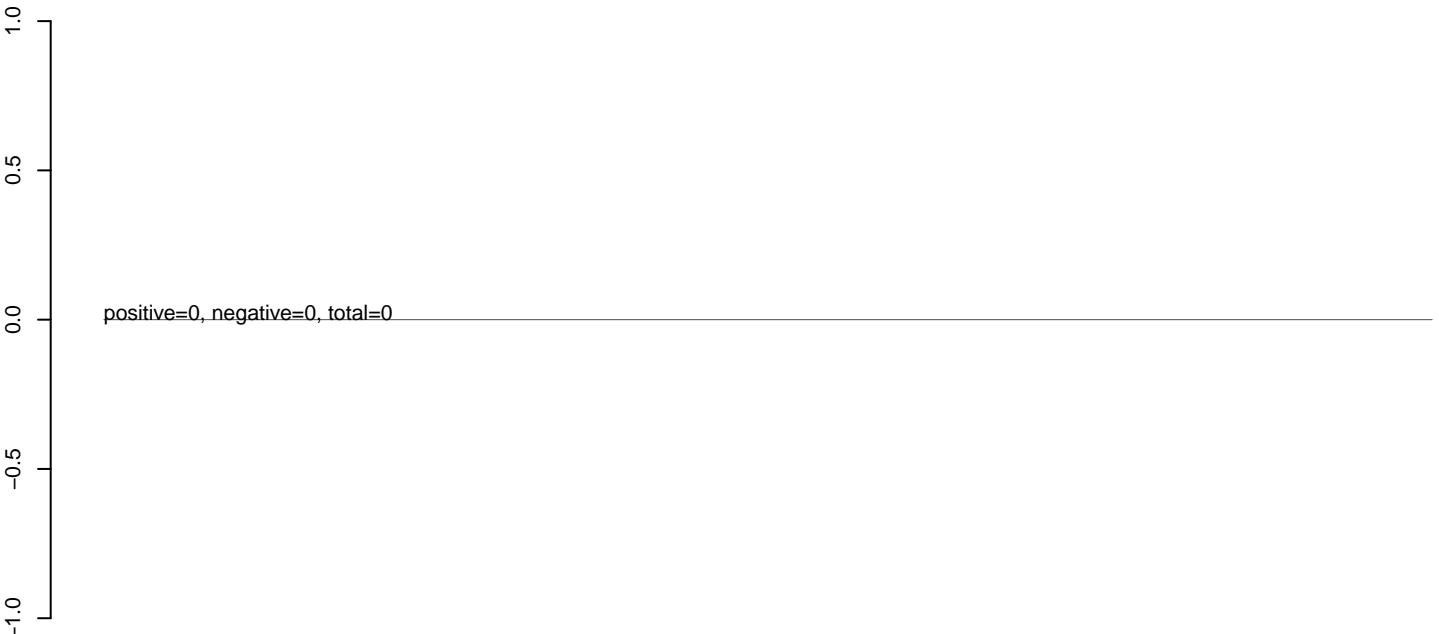
### AeAeg\_Ovary\_GH.rep



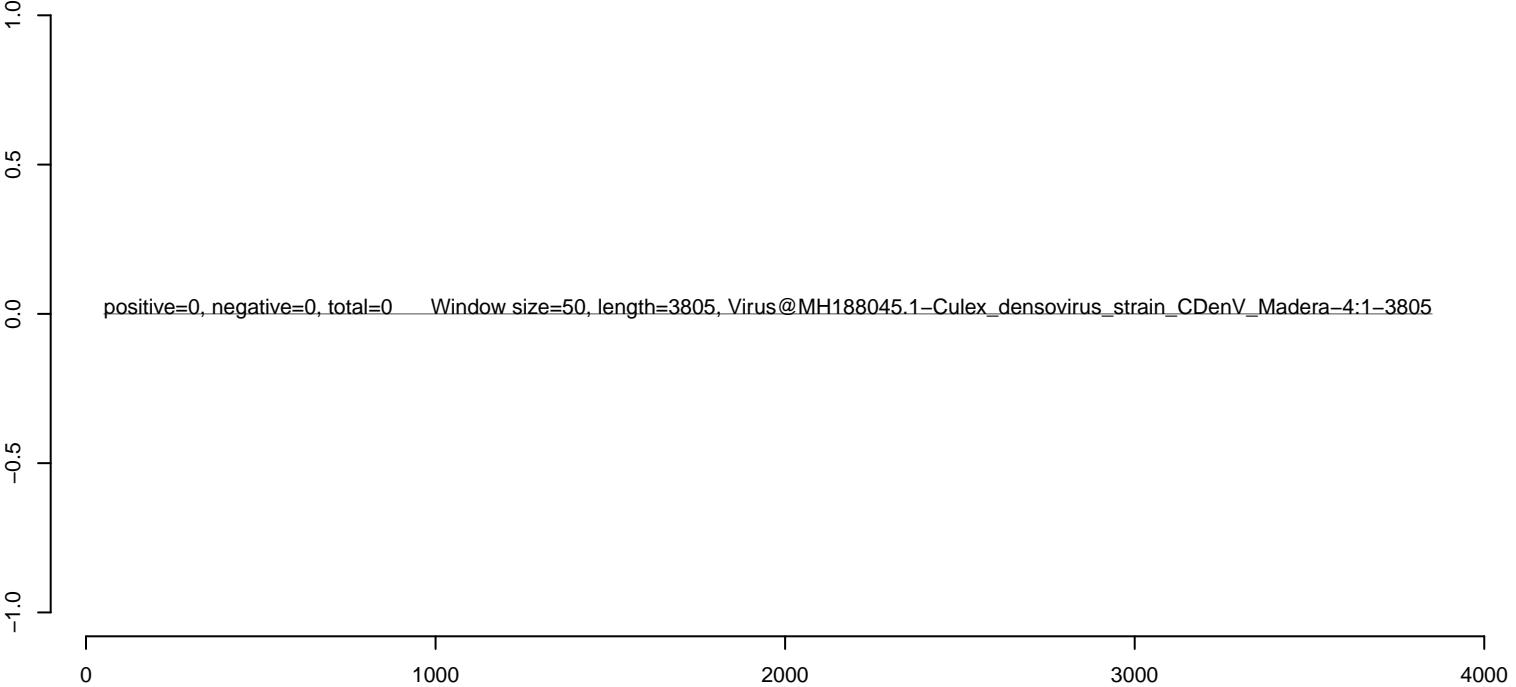
### AeAeg\_Ovary\_GH.18\_23.rep



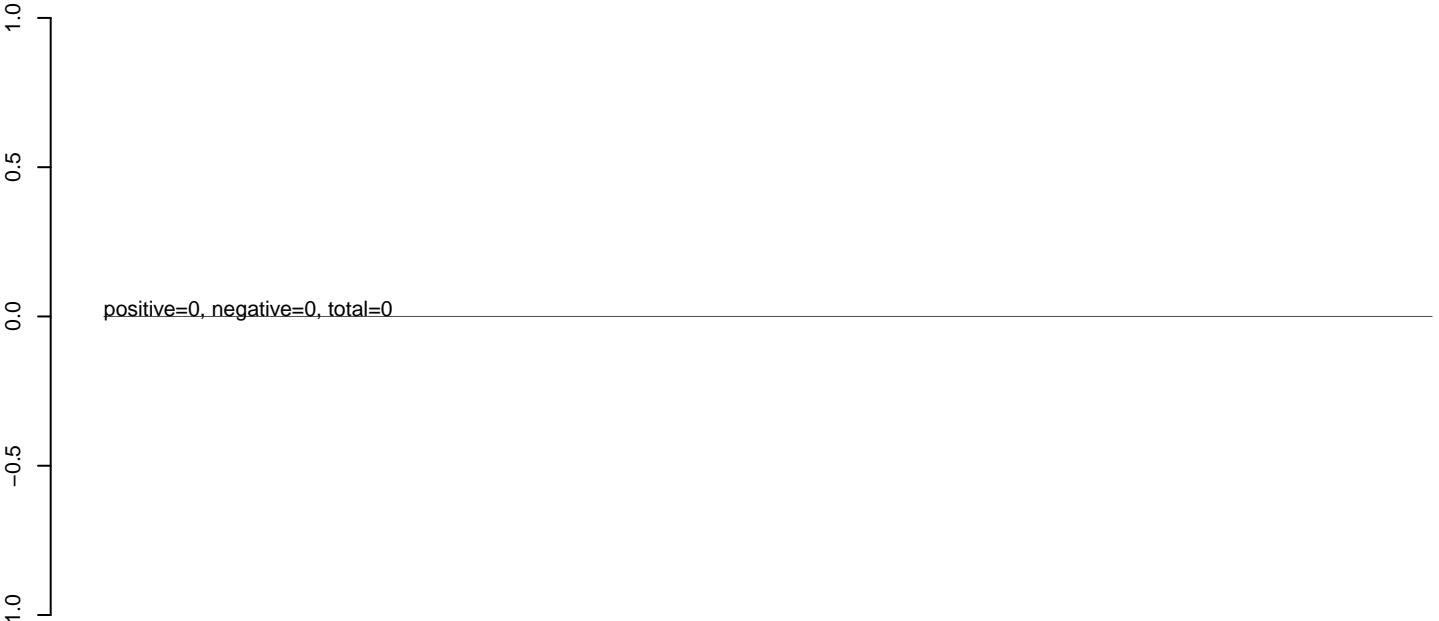
### AeAeg\_Ovary\_GH.24\_35.rep



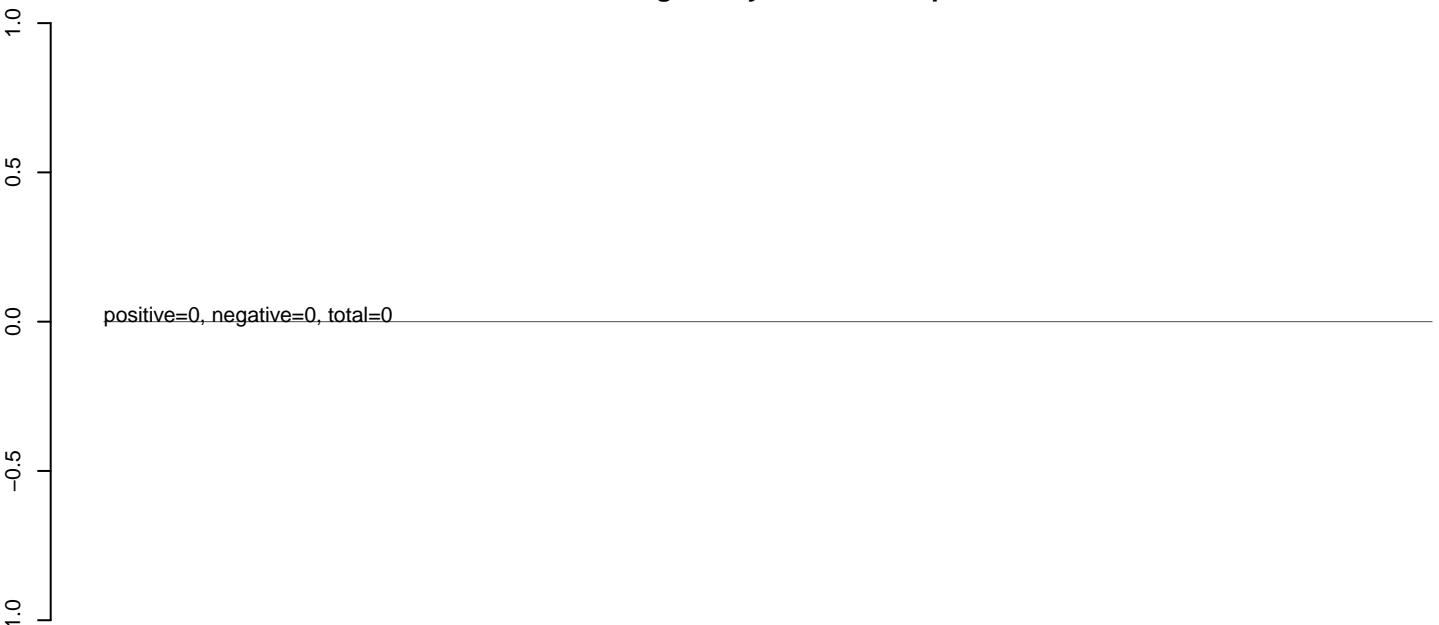
### AeAeg\_Ovary\_GH.rep



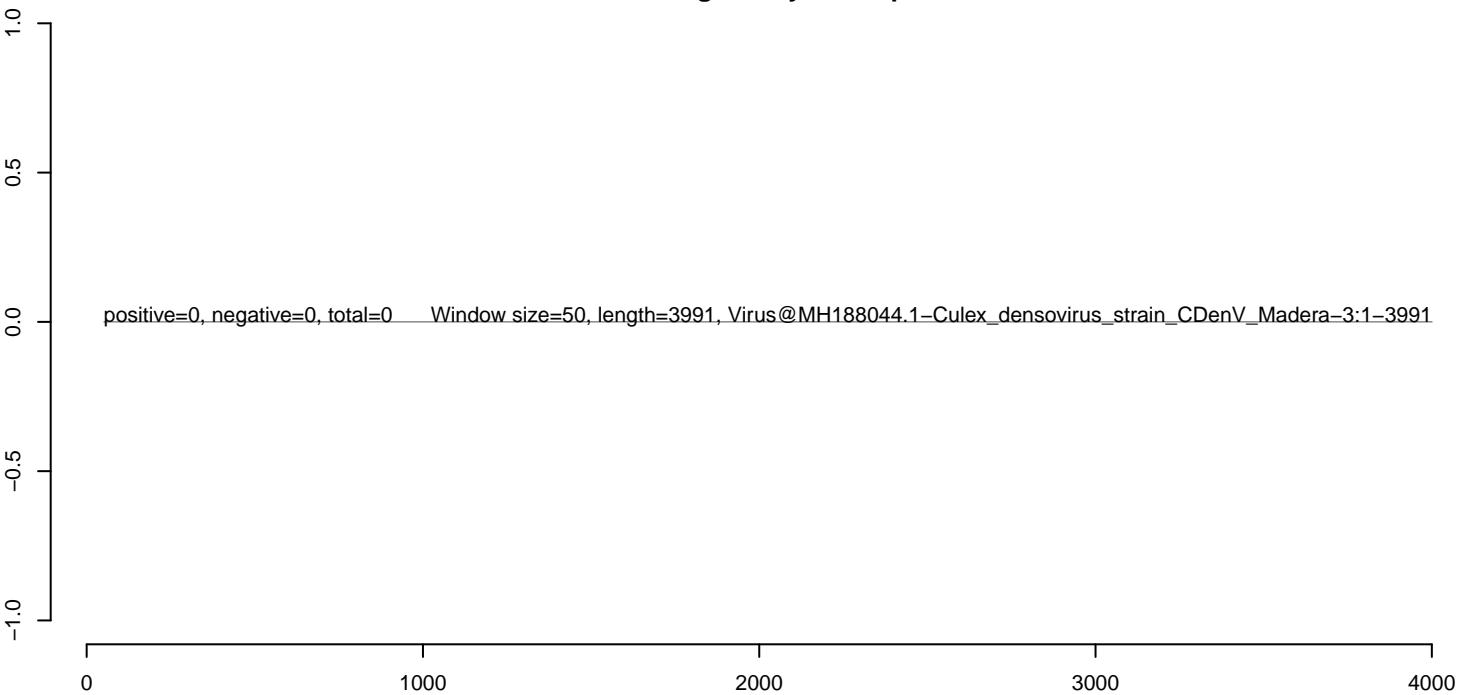
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

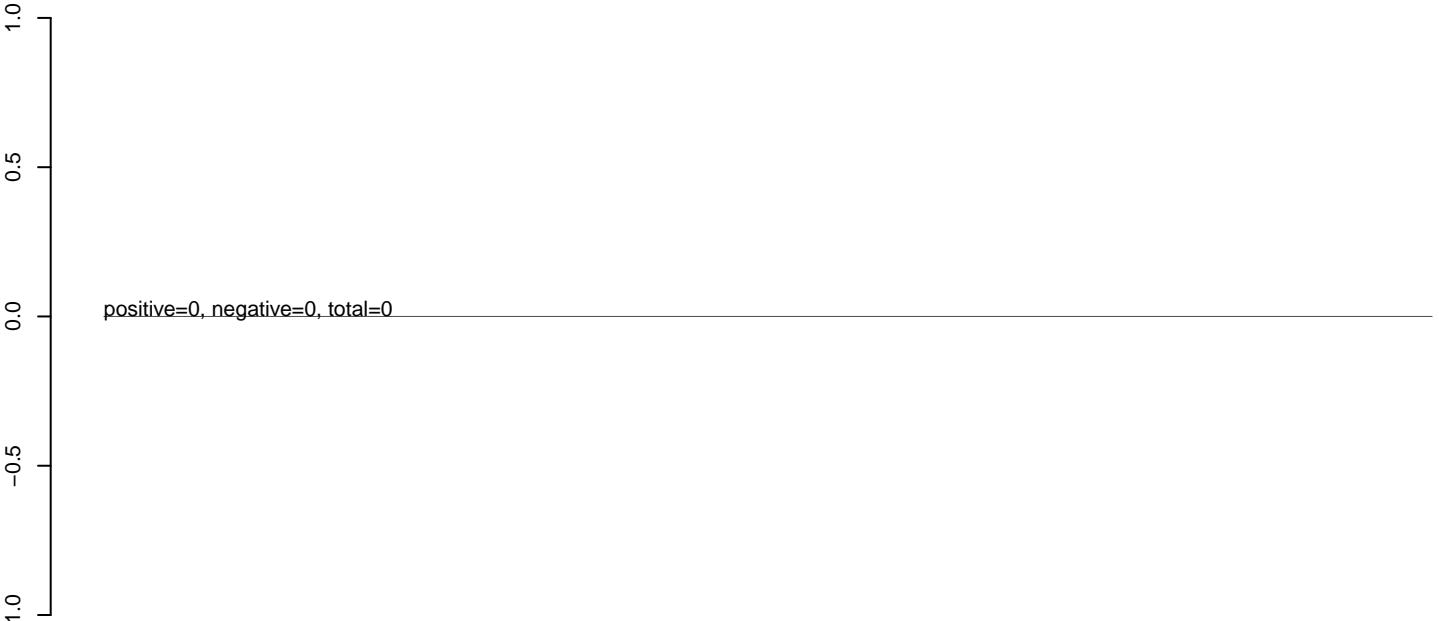
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

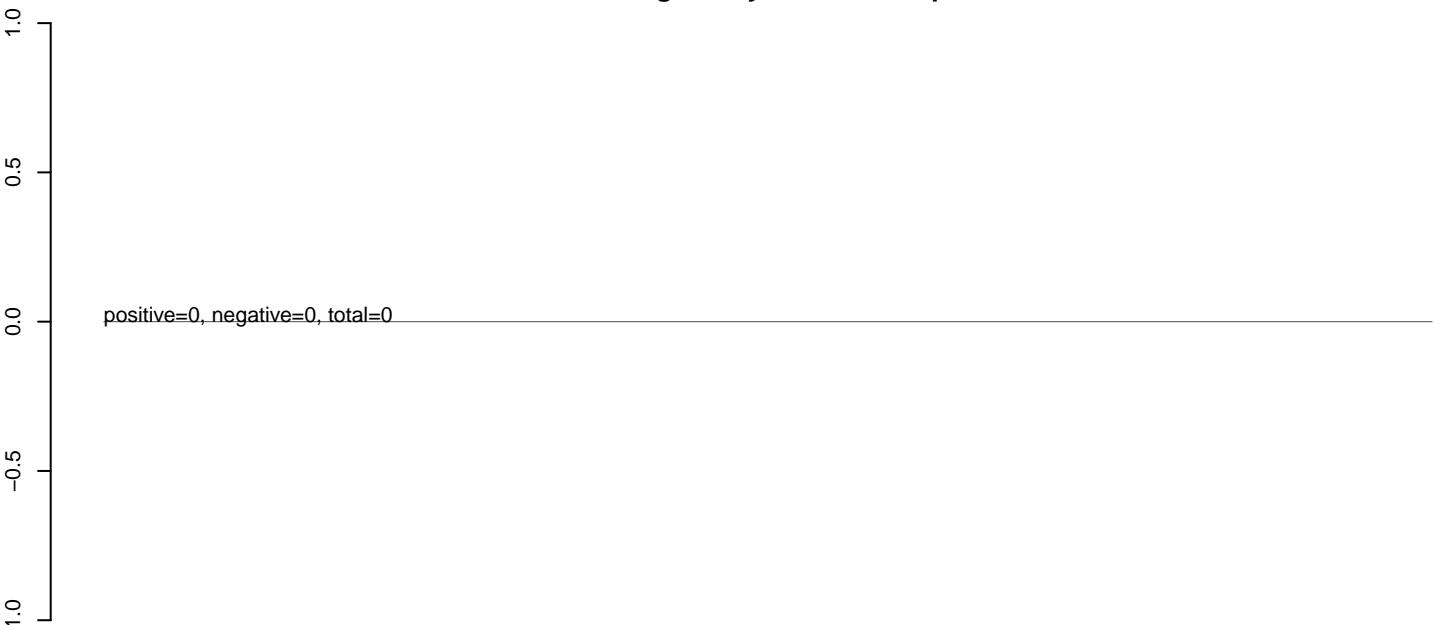
positive=0, negative=0, total=0    Window.size=50, length=3157, Virus@MH188043.1-Culex\_densovirus\_strain\_CDenv\_Madera-2:1-3157

0 500 1000 1500 2000 2500 3000

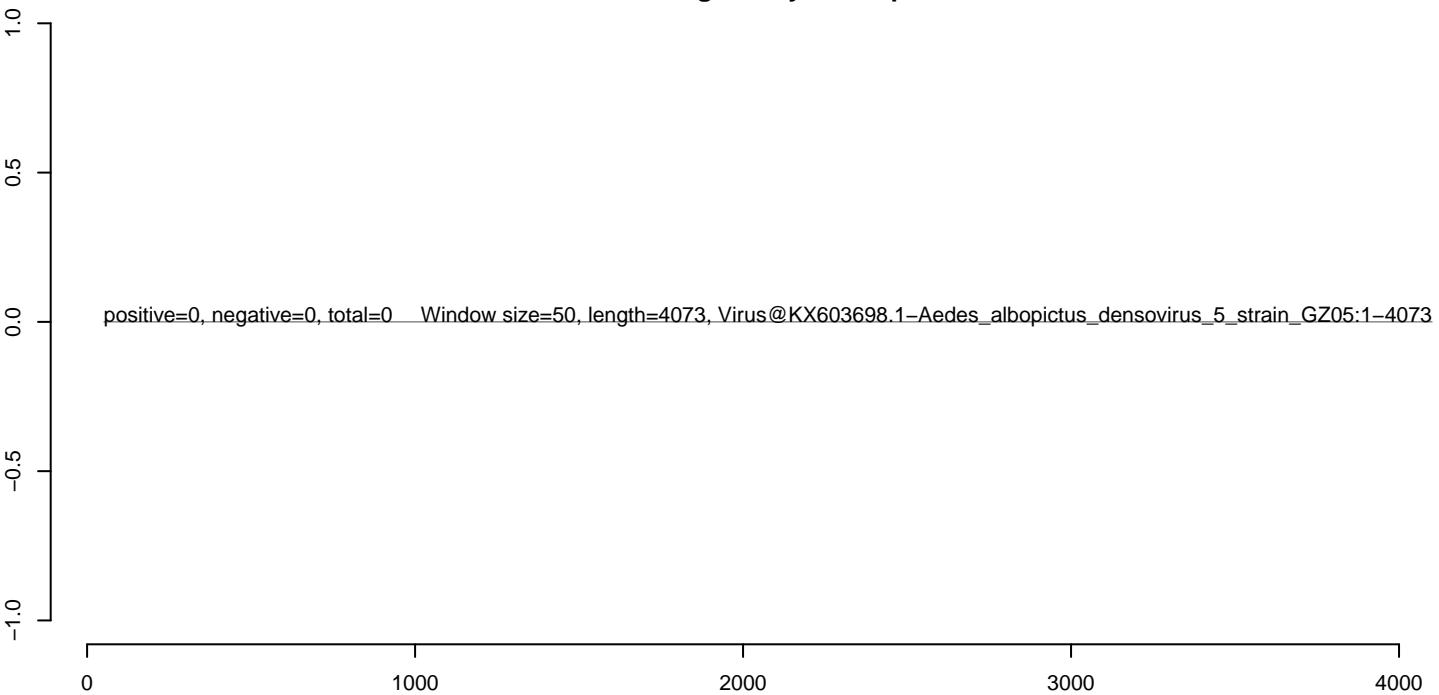
### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep





positive=0, negative=0, total=0



positive=0, negative=0, total=0



© Genbank4402e-mail:us@KIREE880tal-Bumaita-Tubiacanga virus isolate Rio segment RNA-dependent RNA polymerase replicase gene:1-4402

0 1000 2000 3000 4000

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

positive=0, negative=0, total=0

Window size=50, length=3893, Virus@GU452720.1-Mosquito\_densovirus\_BR\_07:1-3893

### AeAeg\_Ovary\_GH.18\_23.rep

positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.24\_35.rep

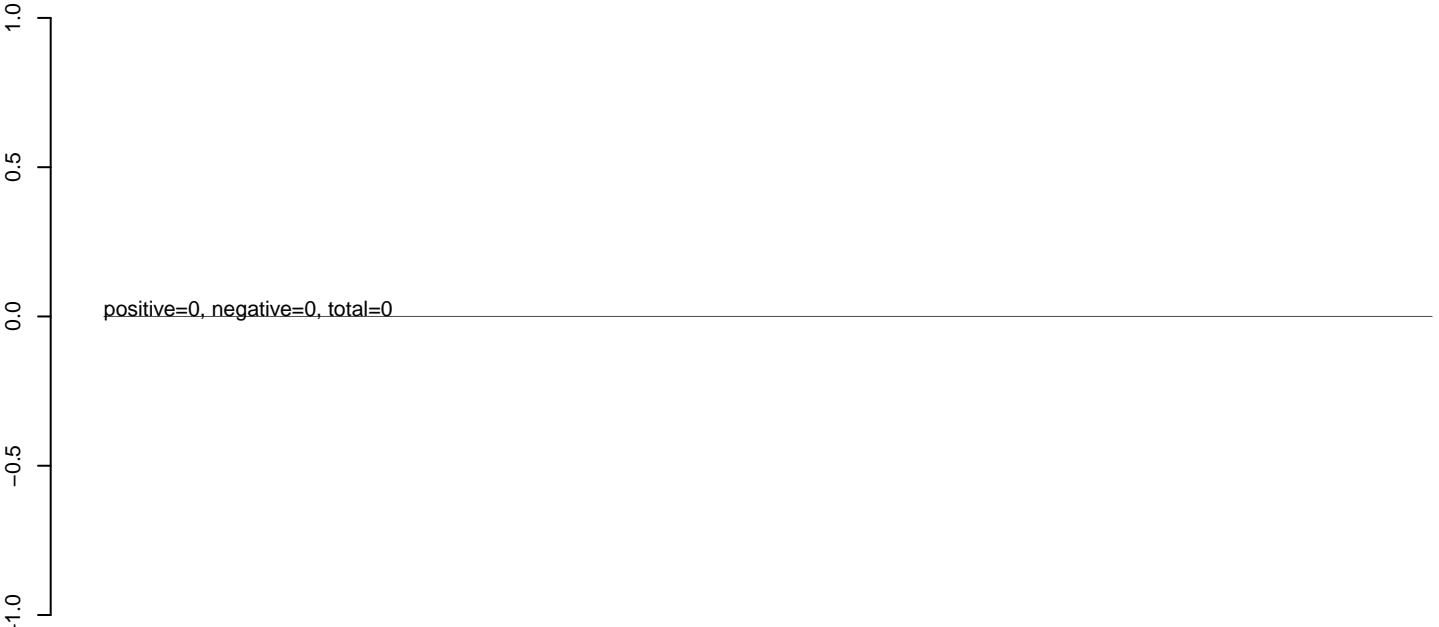
positive=0, negative=0, total=0

### AeAeg\_Ovary\_GH.rep

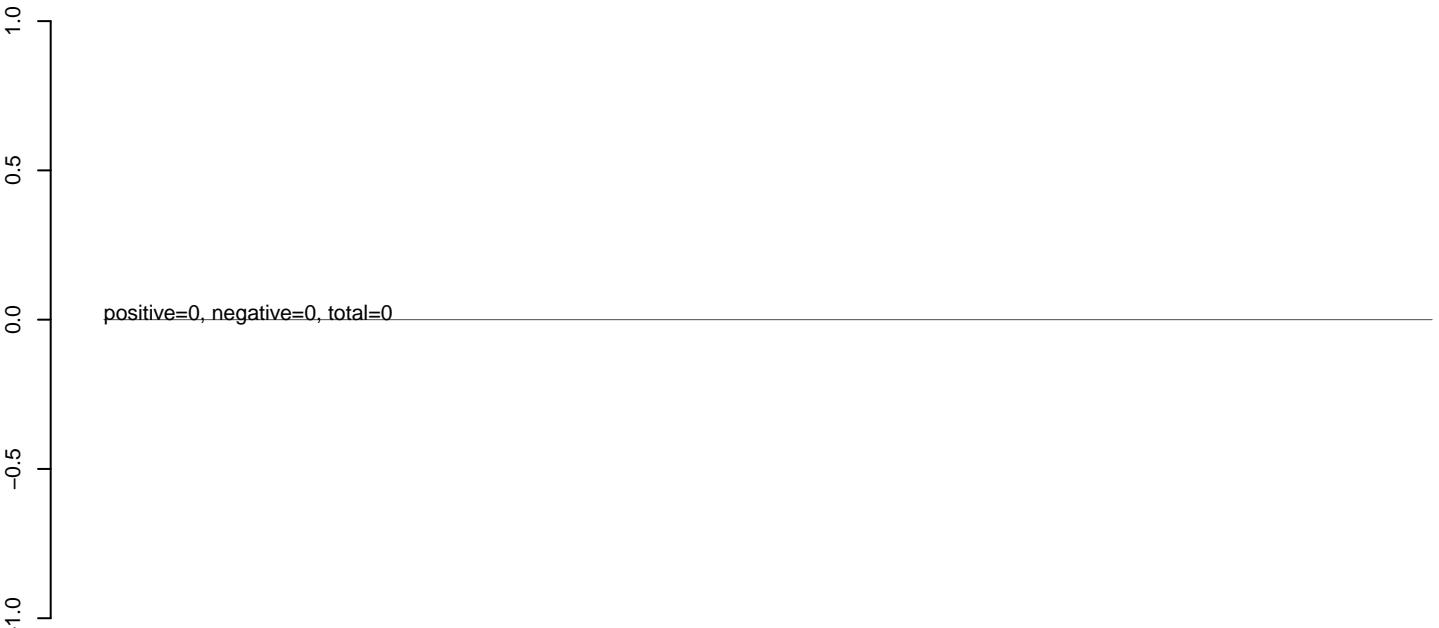
positive=0, negative=0, total=0 Window size=50, length=3776, Virus@FJ360744.1-Aedes\_aegypti\_densovirus\_2\_strain\_0814616:1-3776

0 1000 2000 3000

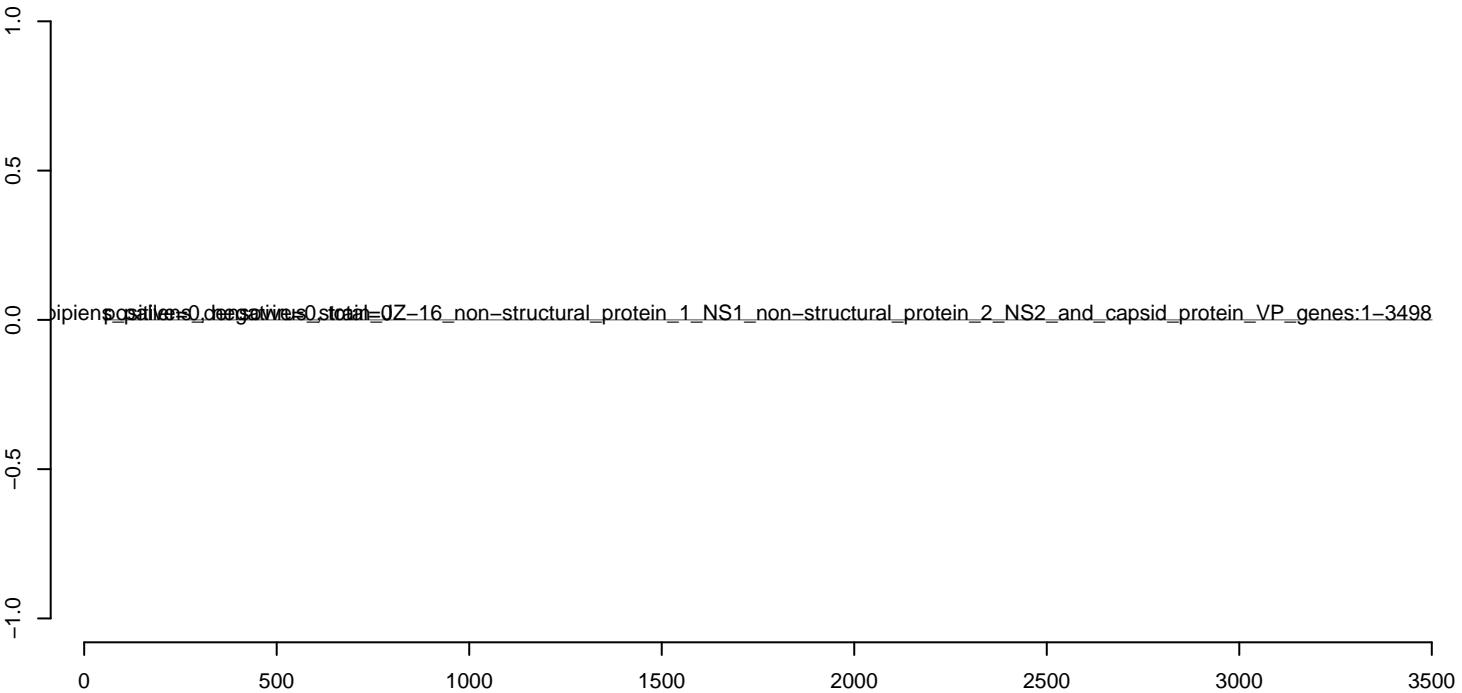
### AeAeg\_Ovary\_GH.18\_23.rep



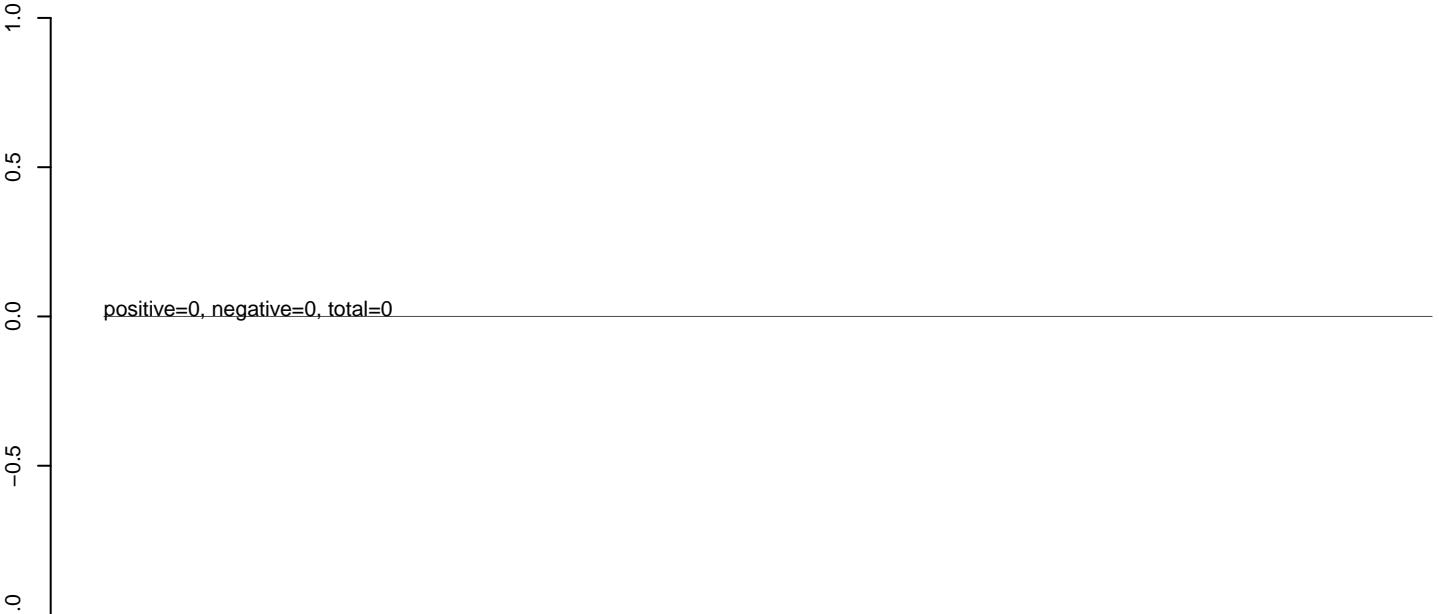
### AeAeg\_Ovary\_GH.24\_35.rep



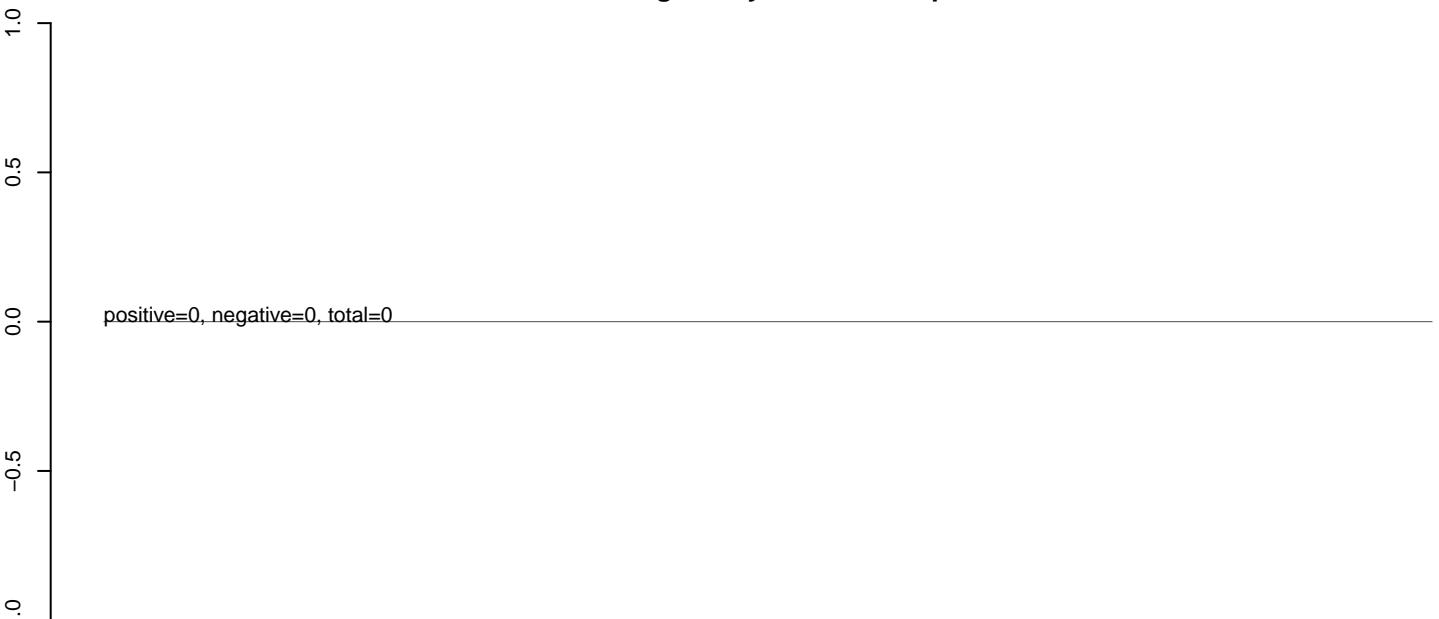
### AeAeg\_Ovary\_GH.rep



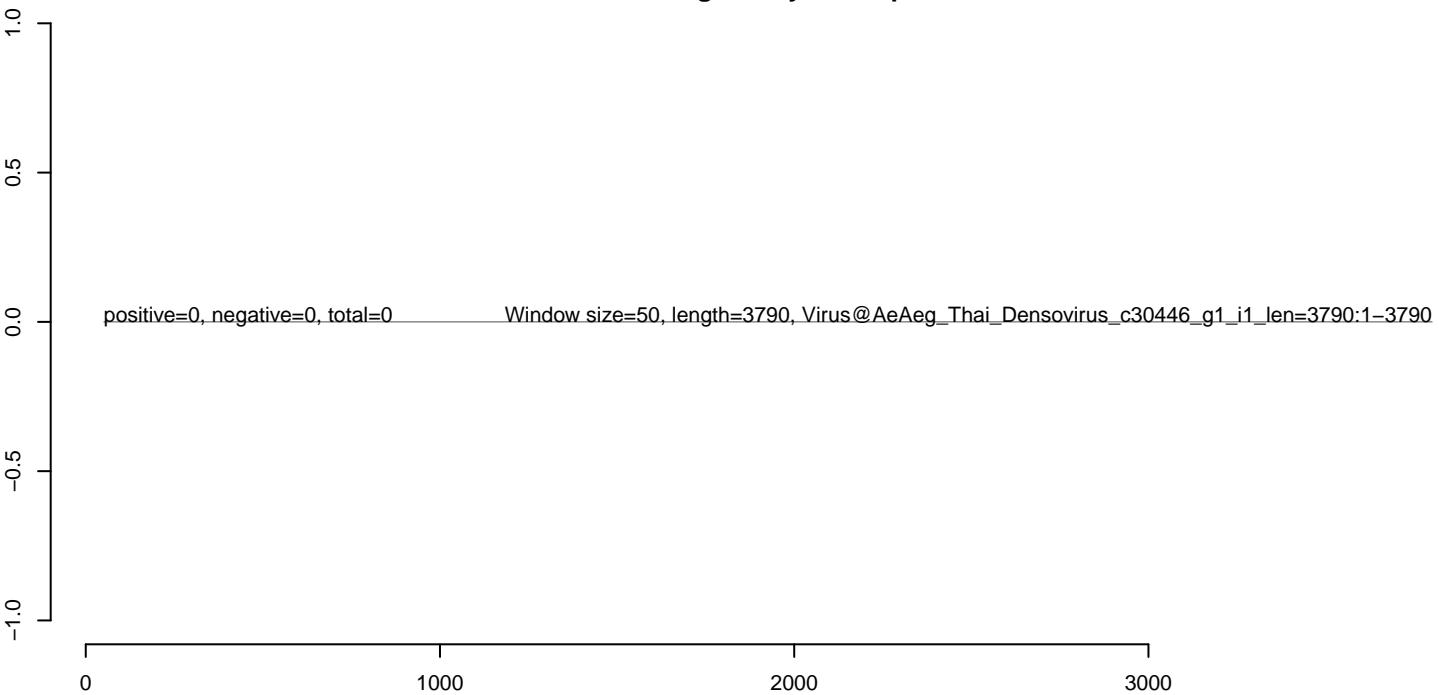
### AeAeg\_Ovary\_GH.18\_23.rep



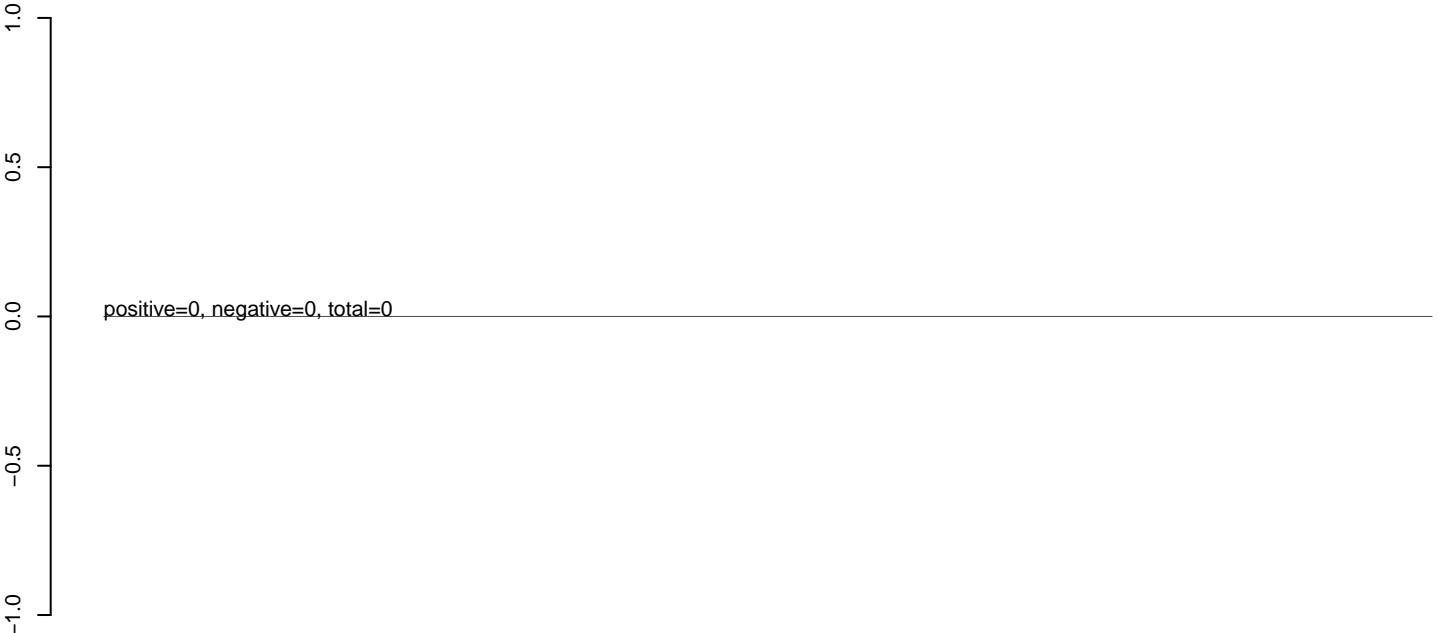
### AeAeg\_Ovary\_GH.24\_35.rep



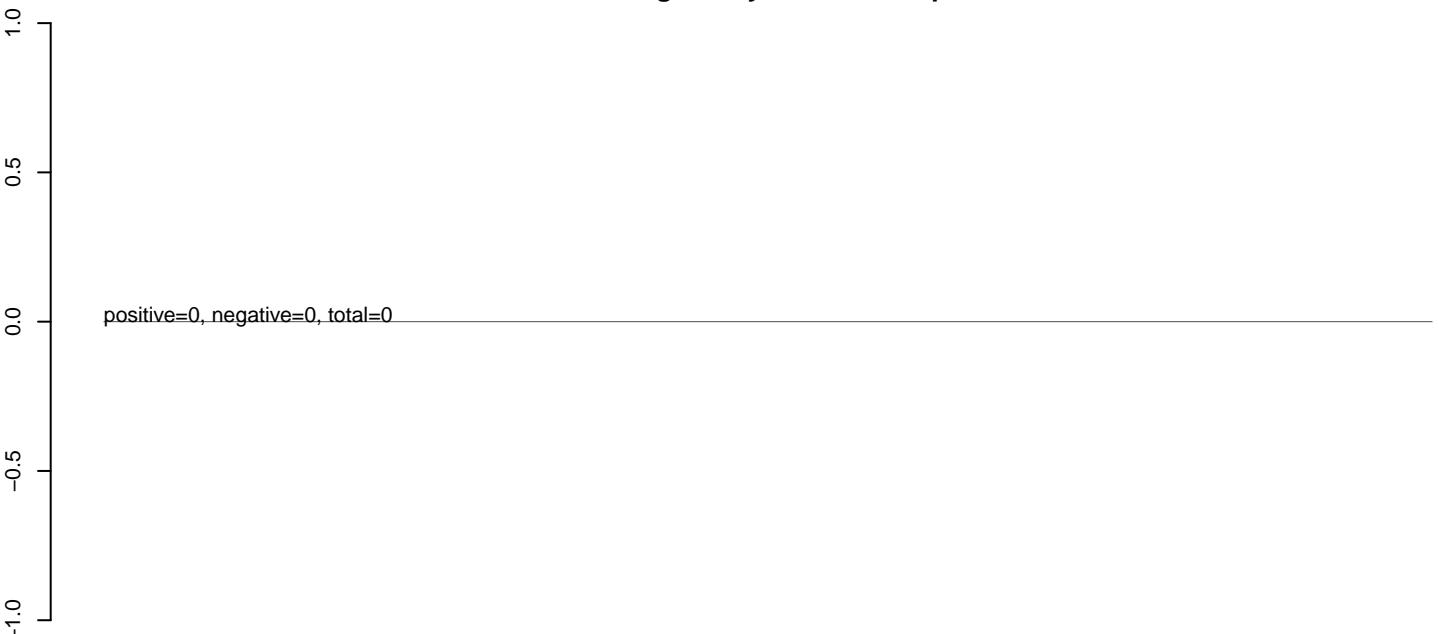
### AeAeg\_Ovary\_GH.rep



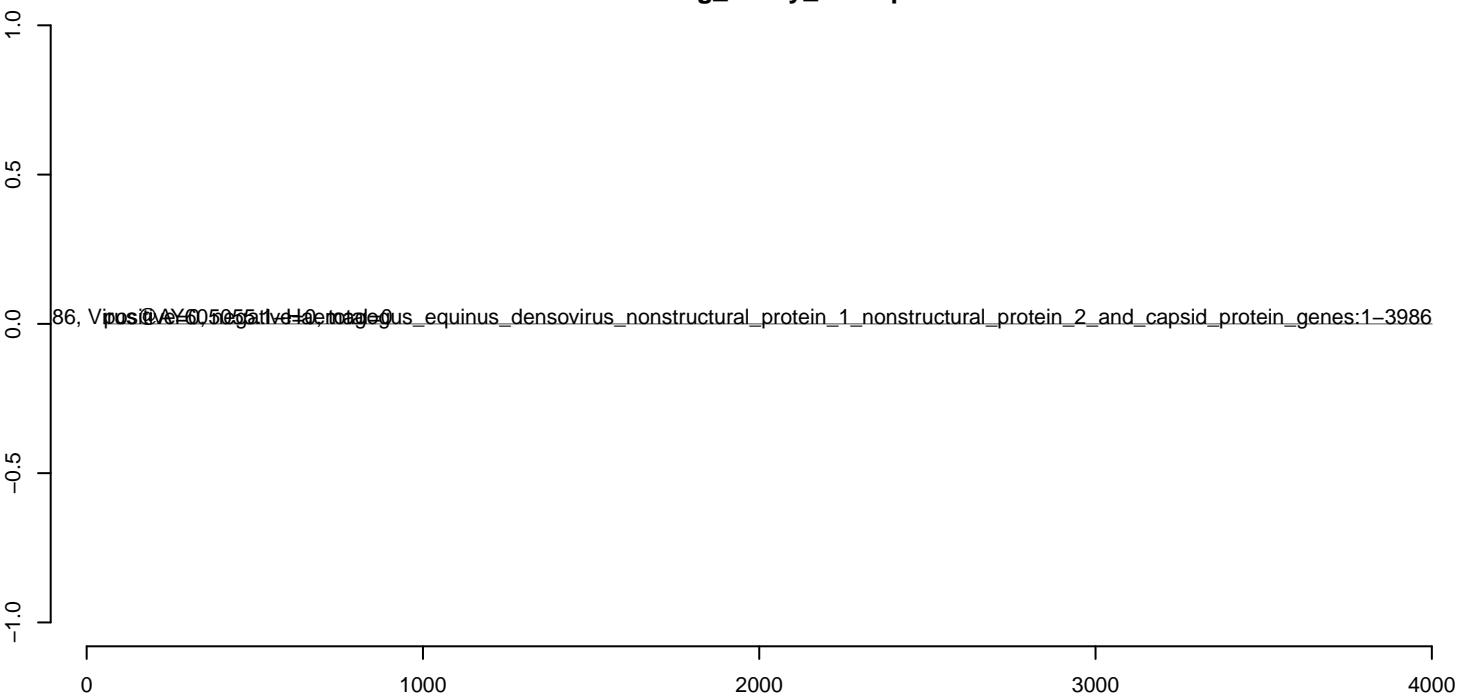
### AeAeg\_Ovary\_GH.18\_23.rep



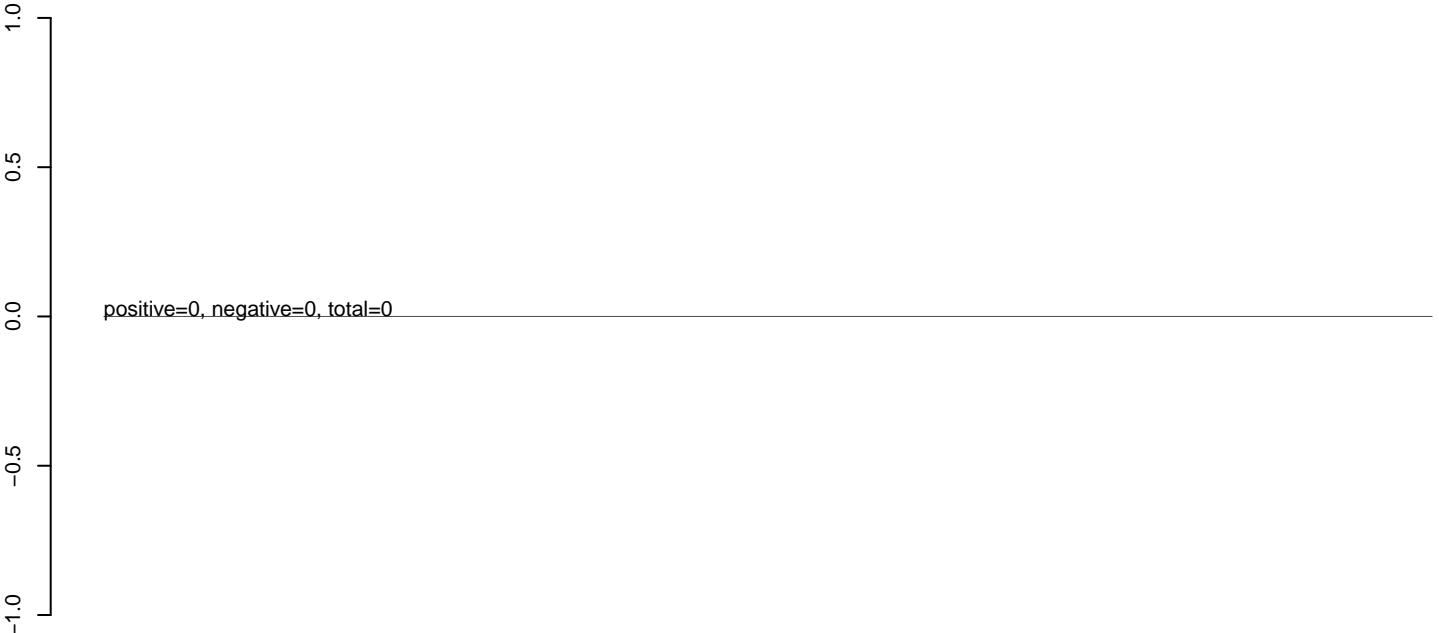
### AeAeg\_Ovary\_GH.24\_35.rep



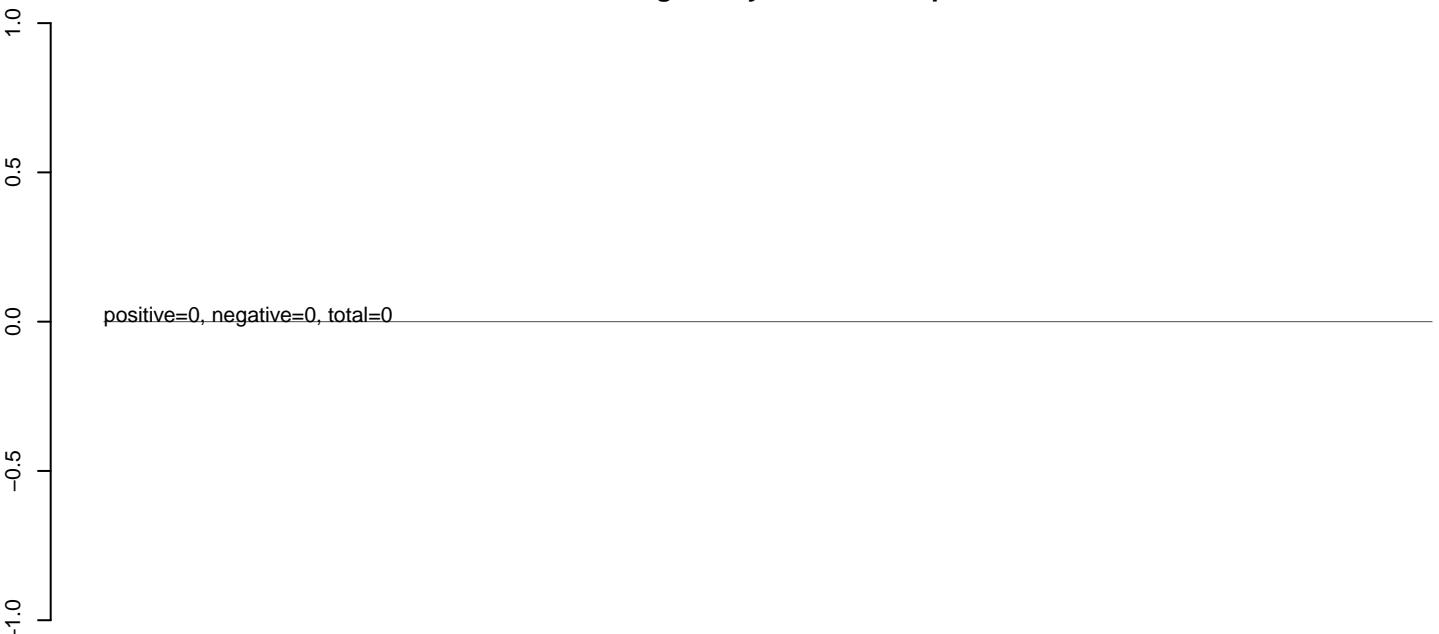
### AeAeg\_Ovary\_GH.rep



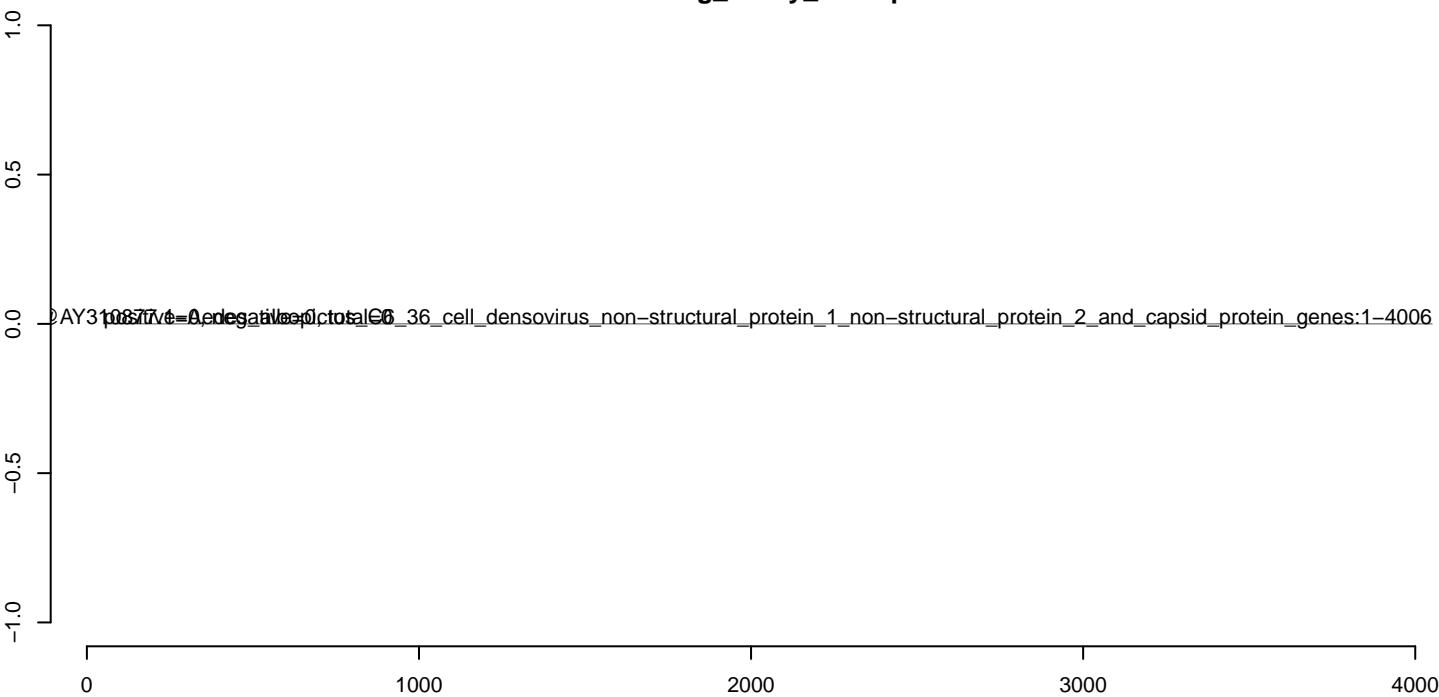
### AeAeg\_Ovary\_GH.18\_23.rep



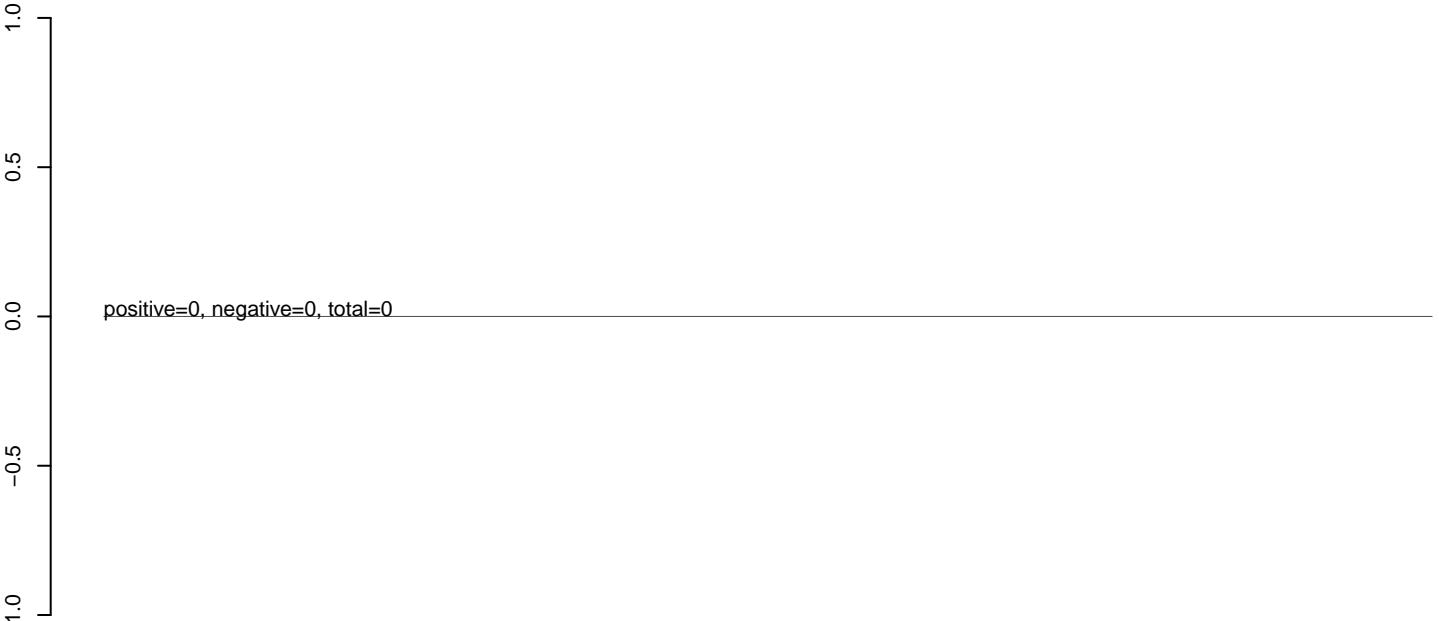
### AeAeg\_Ovary\_GH.24\_35.rep



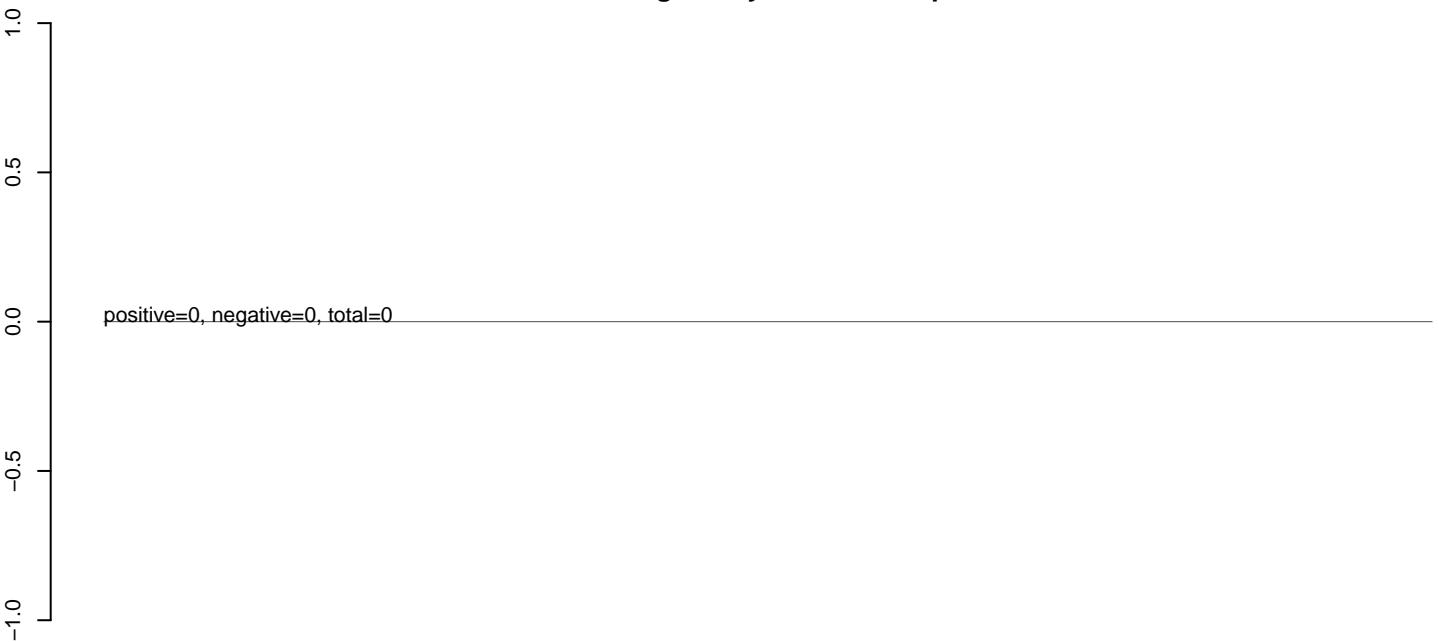
### AeAeg\_Ovary\_GH.rep



### AeAeg\_Ovary\_GH.18\_23.rep



### AeAeg\_Ovary\_GH.24\_35.rep



### AeAeg\_Ovary\_GH.rep

