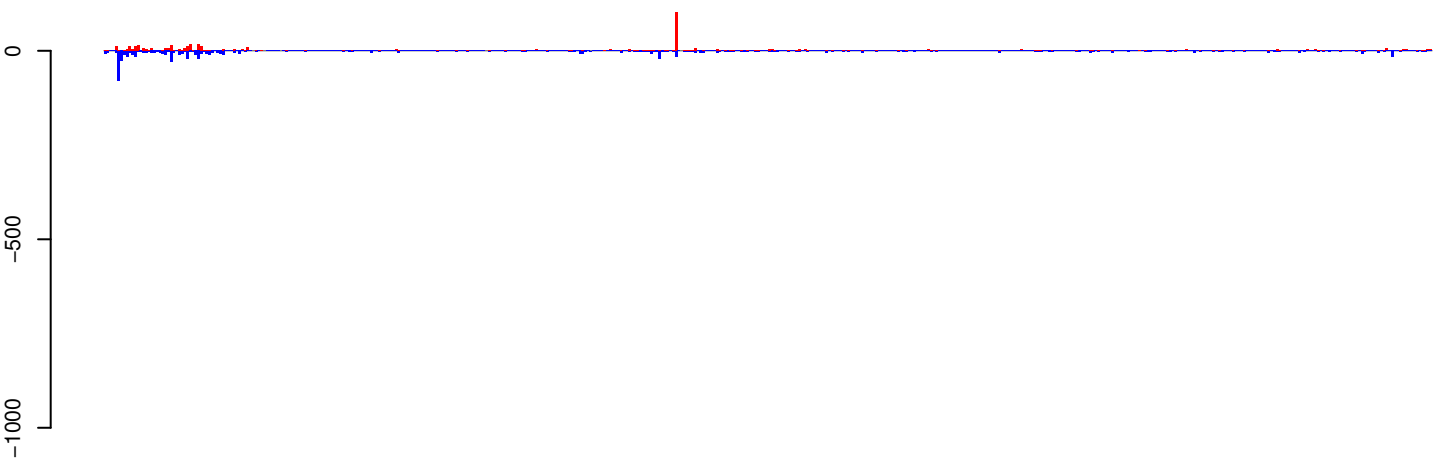
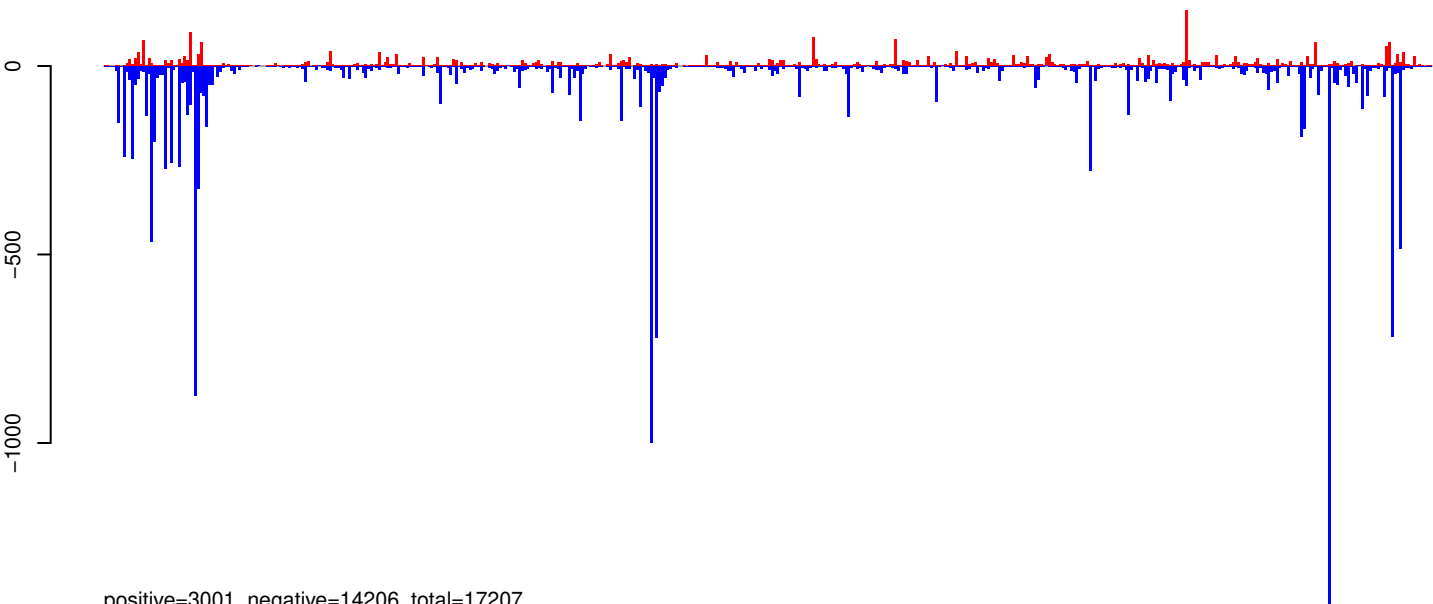


AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep



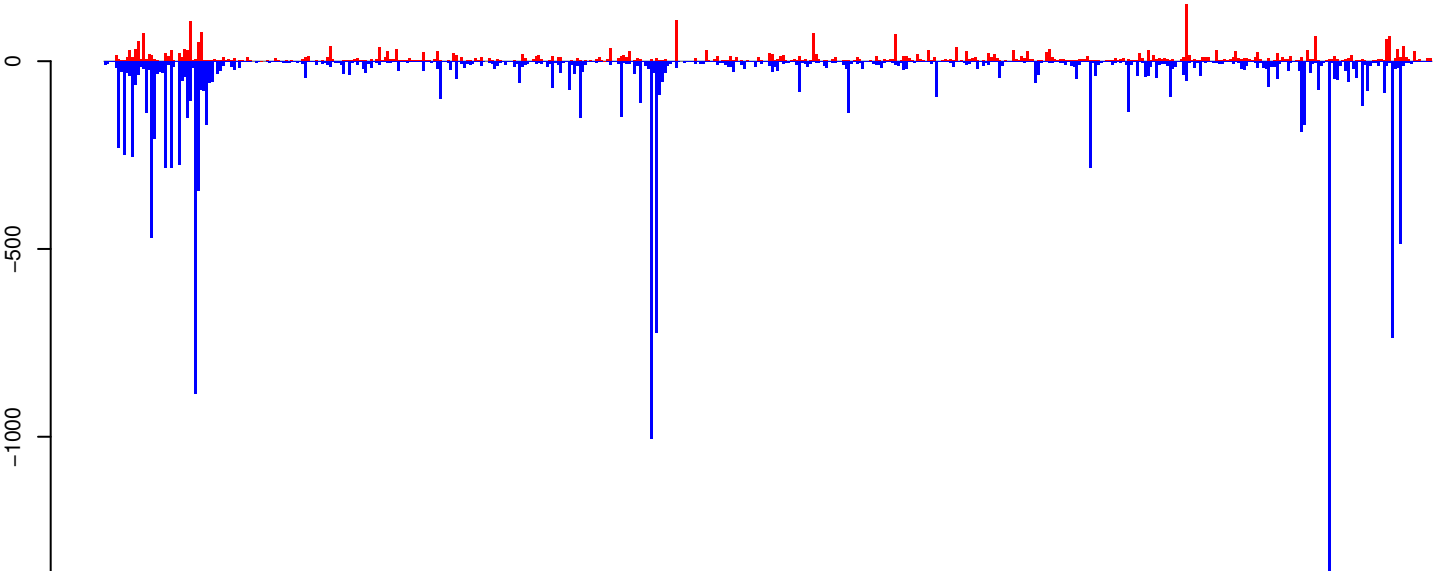
positive=665, negative=927, total=1592

AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep

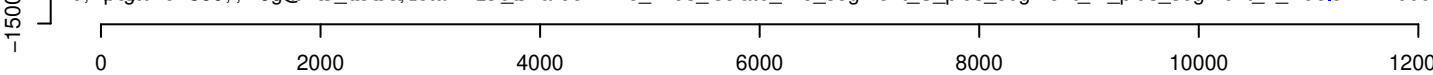


positive=3001, negative=14206, total=17207

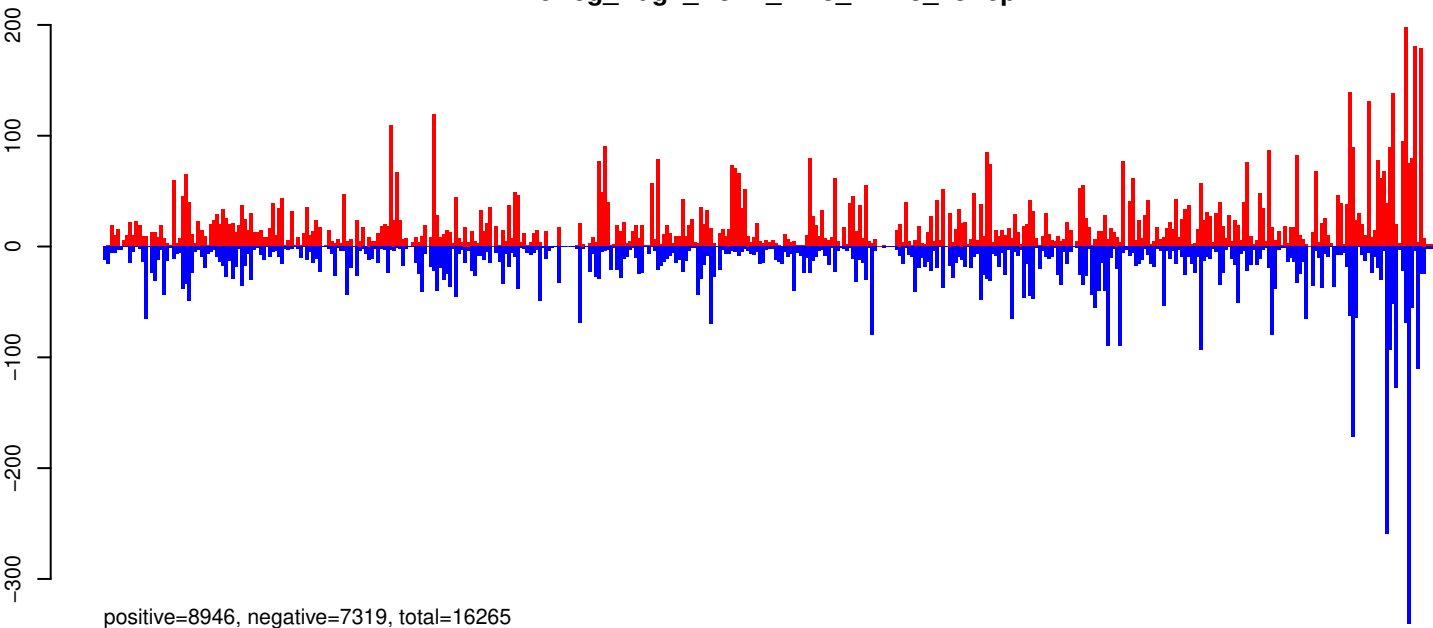
AeAeg\_Aag2\_R3D1\_r123\_ZA.rep



-25, positive=42007, negative=103826, total=145833 Charoen-like\_virus\_isolate\_Rio\_segment\_S\_plus\_segment\_M\_plus\_segment\_L\_Nucle:1-12099



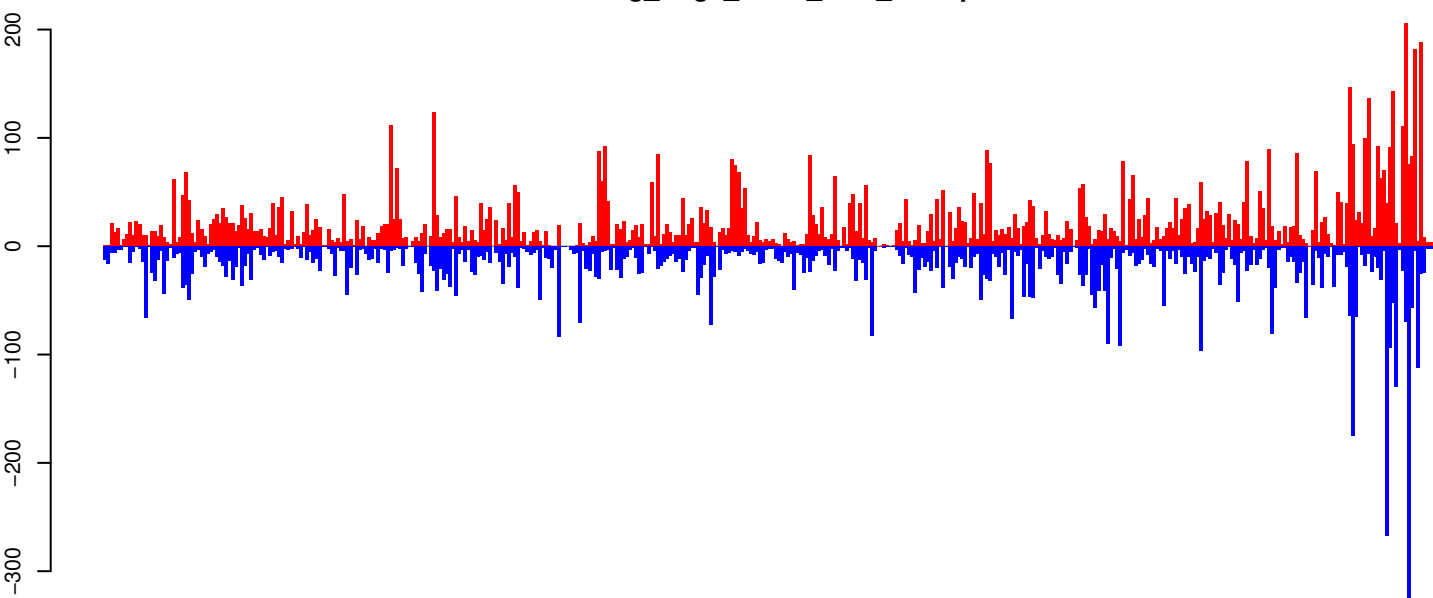
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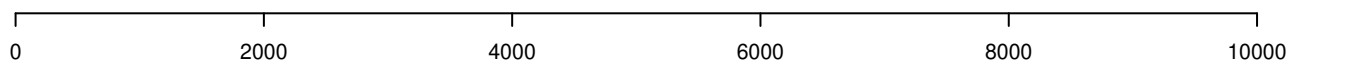
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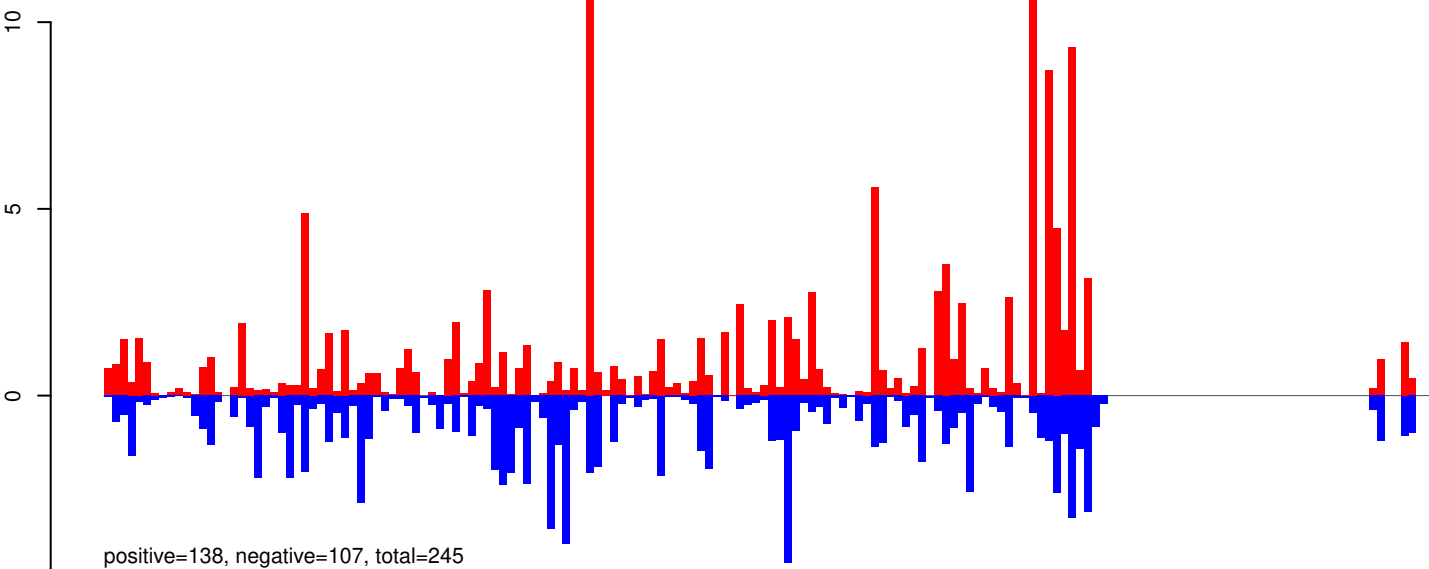
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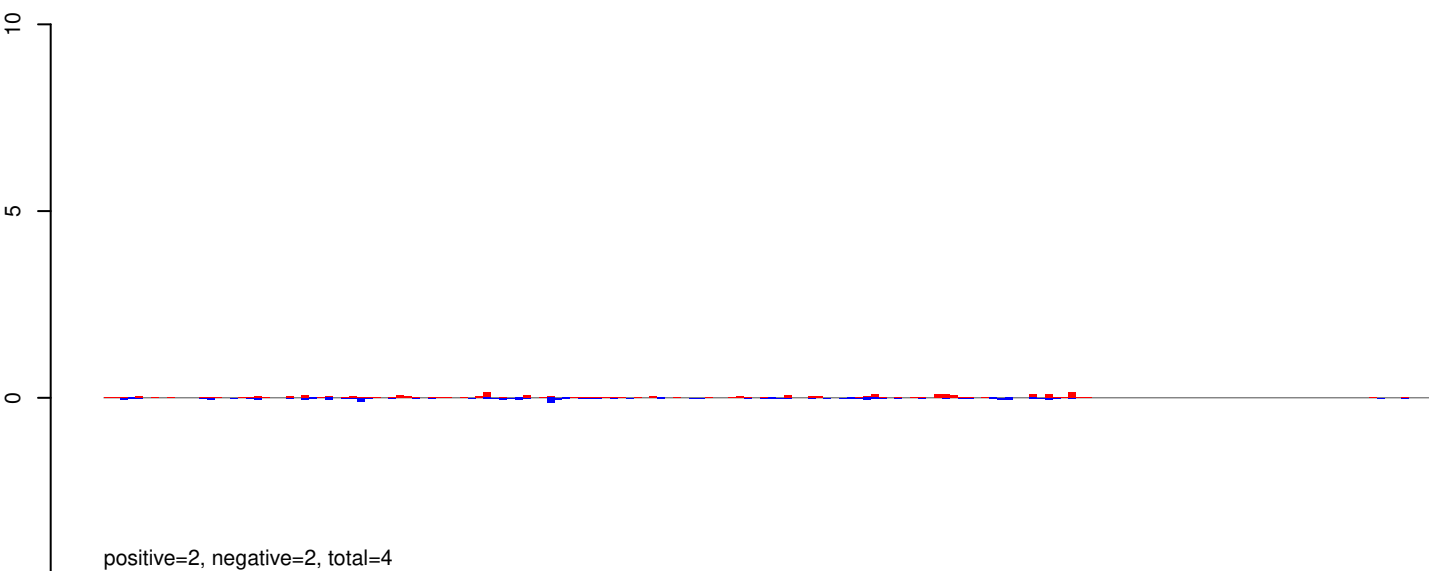
size=25, length=10682, virus@NC\_001564.2-Cell\_fusing\_agent\_virus\_strain\_Galveston:1-10682



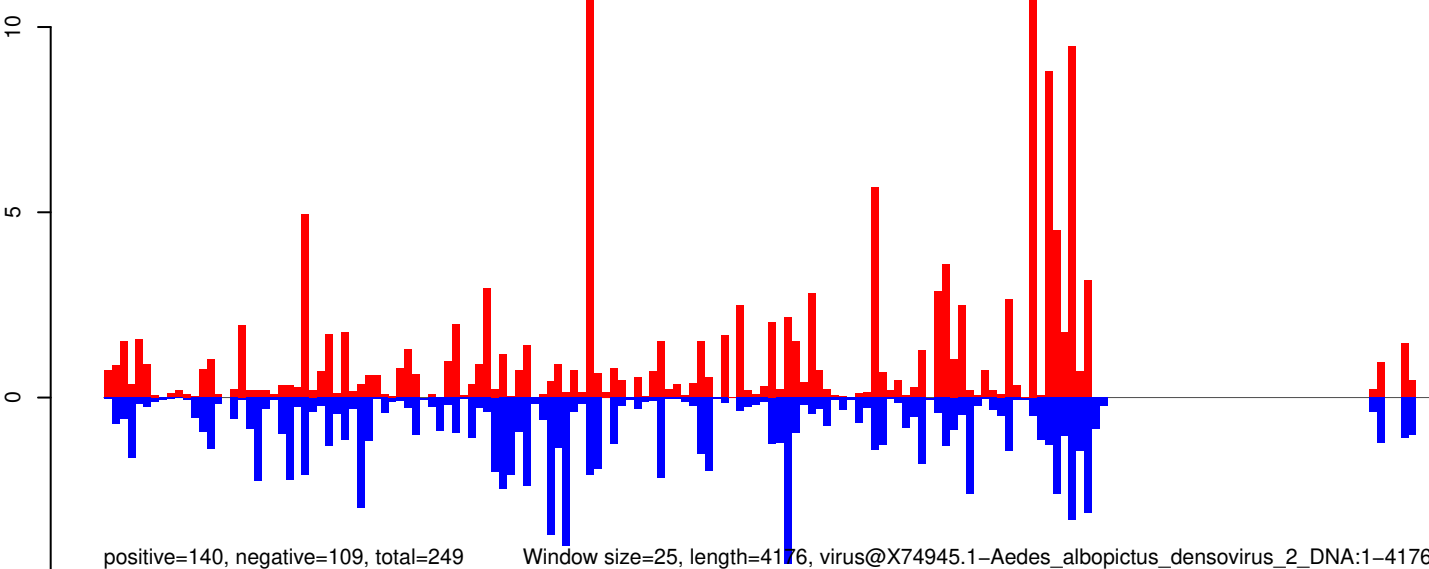
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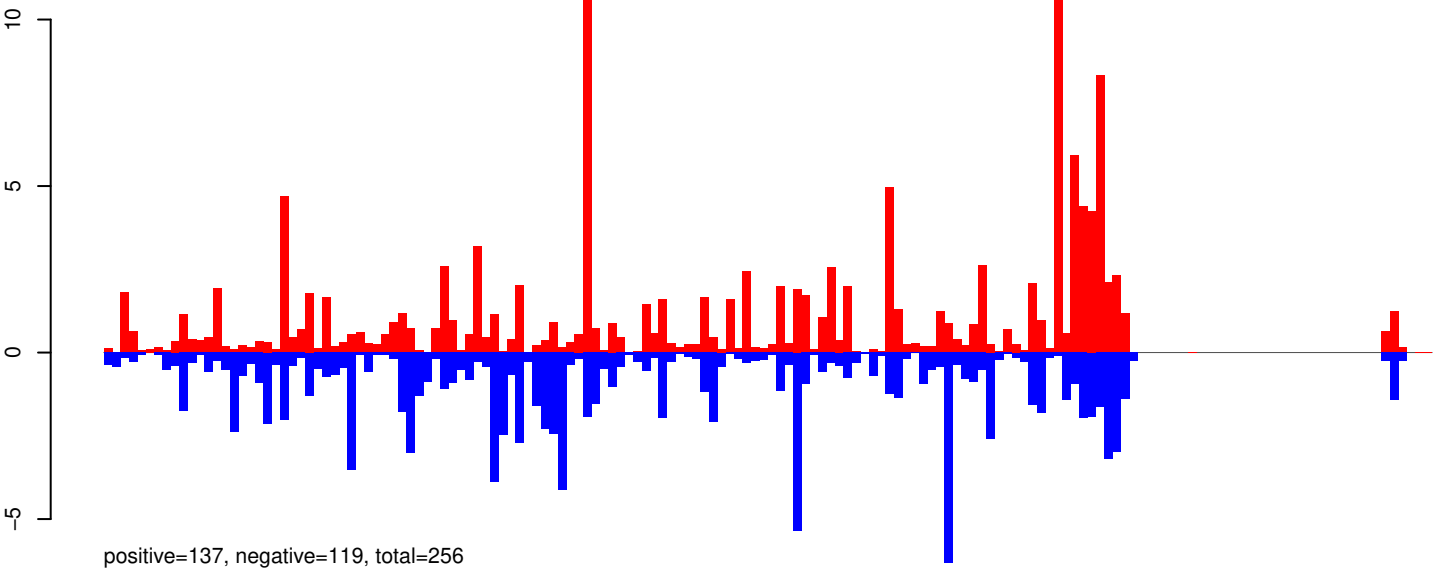
AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



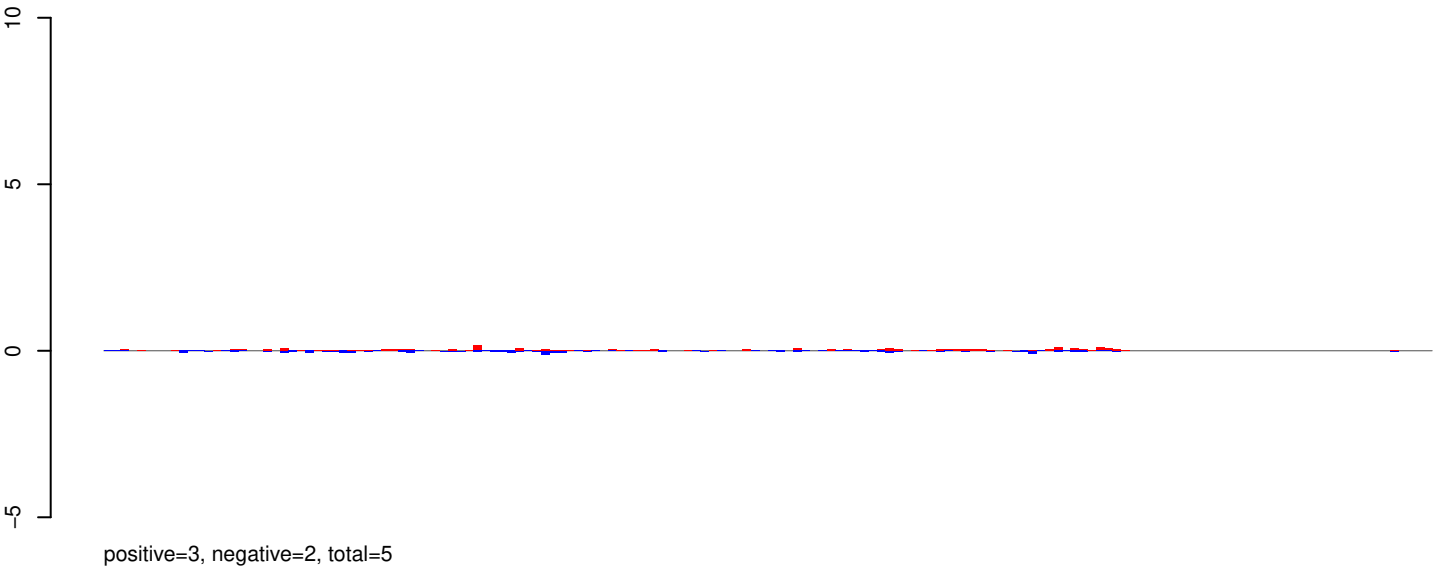
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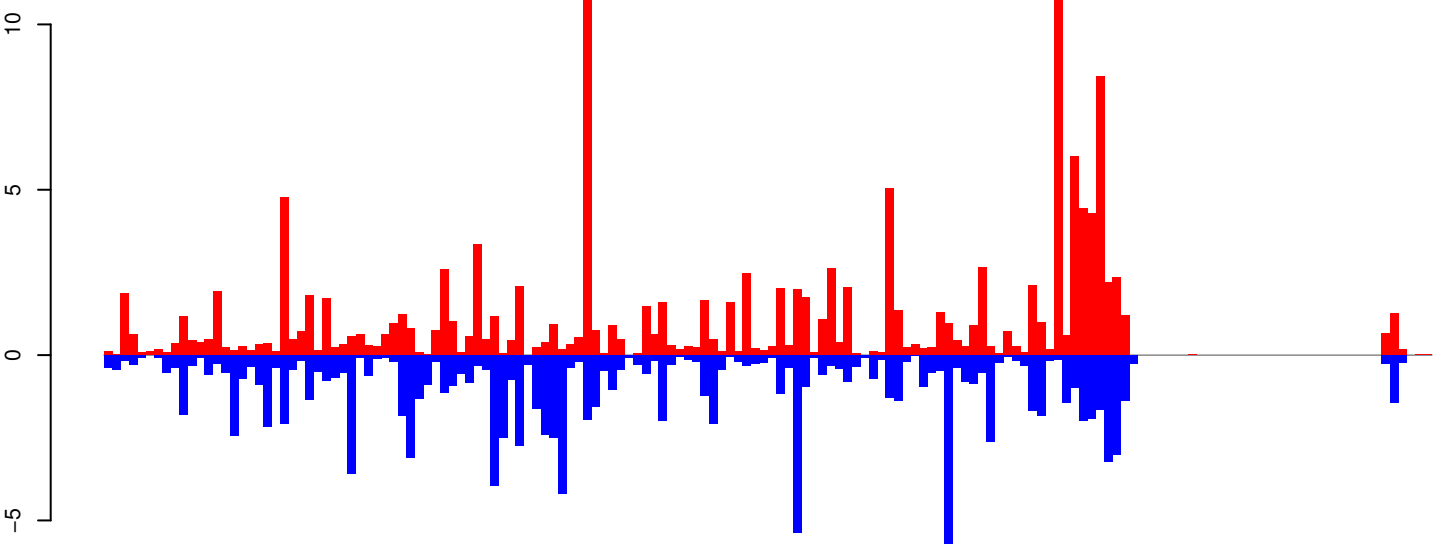
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AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



AeAeg\_Aag2\_R3D1\_r123\_ZA.rep



Window size=25, stride=123, step=26 @ MH550148.1-Aedes albopictus\_densovirus\_isolate\_NC01\_L3\_1\_trimmed\_contig\_5889-RC:1-3937

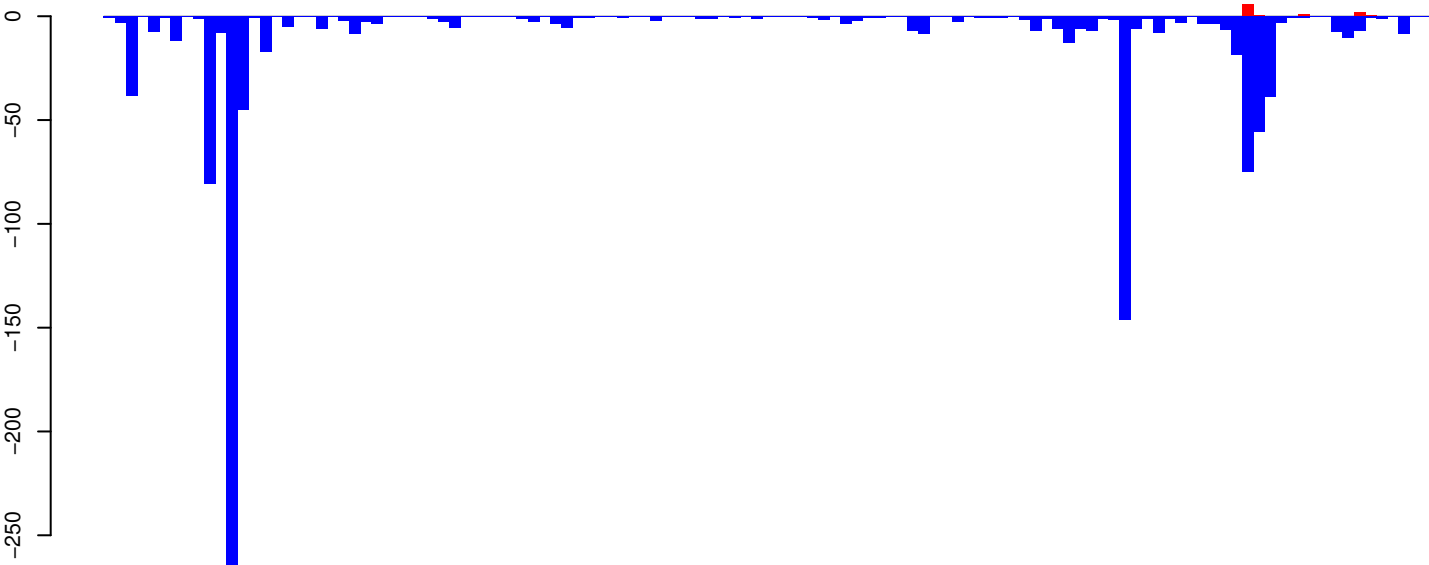
0 1000 2000 3000 4000

AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep



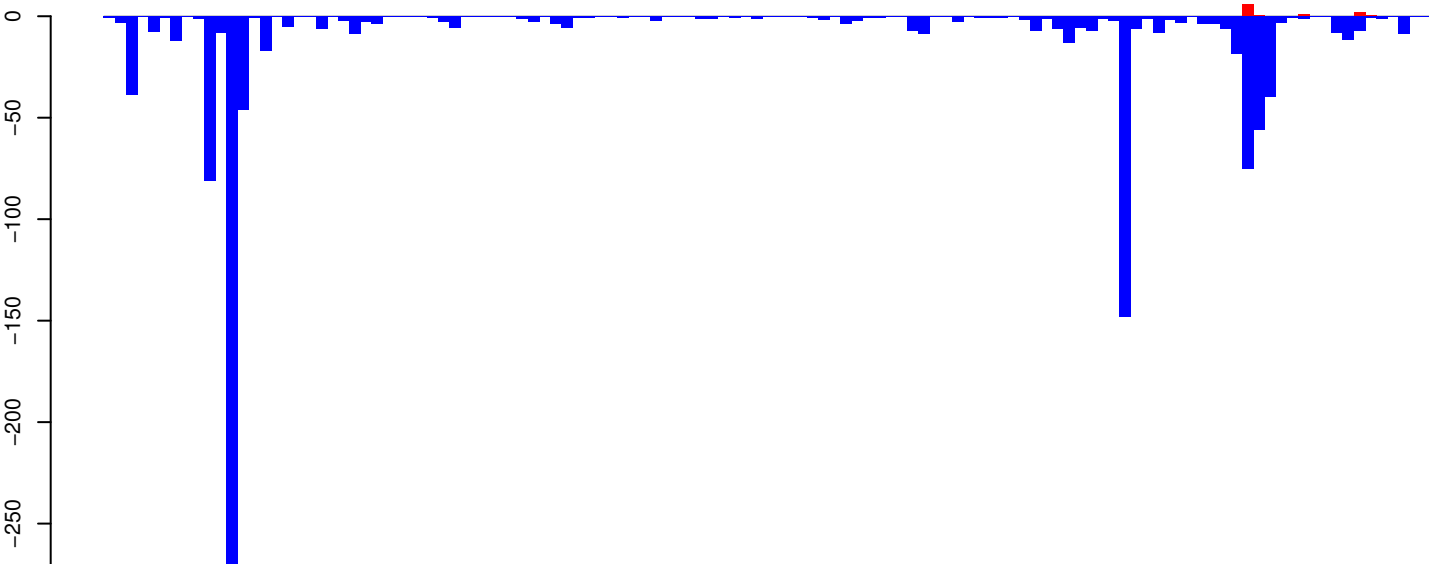
positive=1, negative=17, total=18

AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



positive=10, negative=1048, total=1058

AeAeg\_Aag2\_R3D1\_r123\_ZA.rep

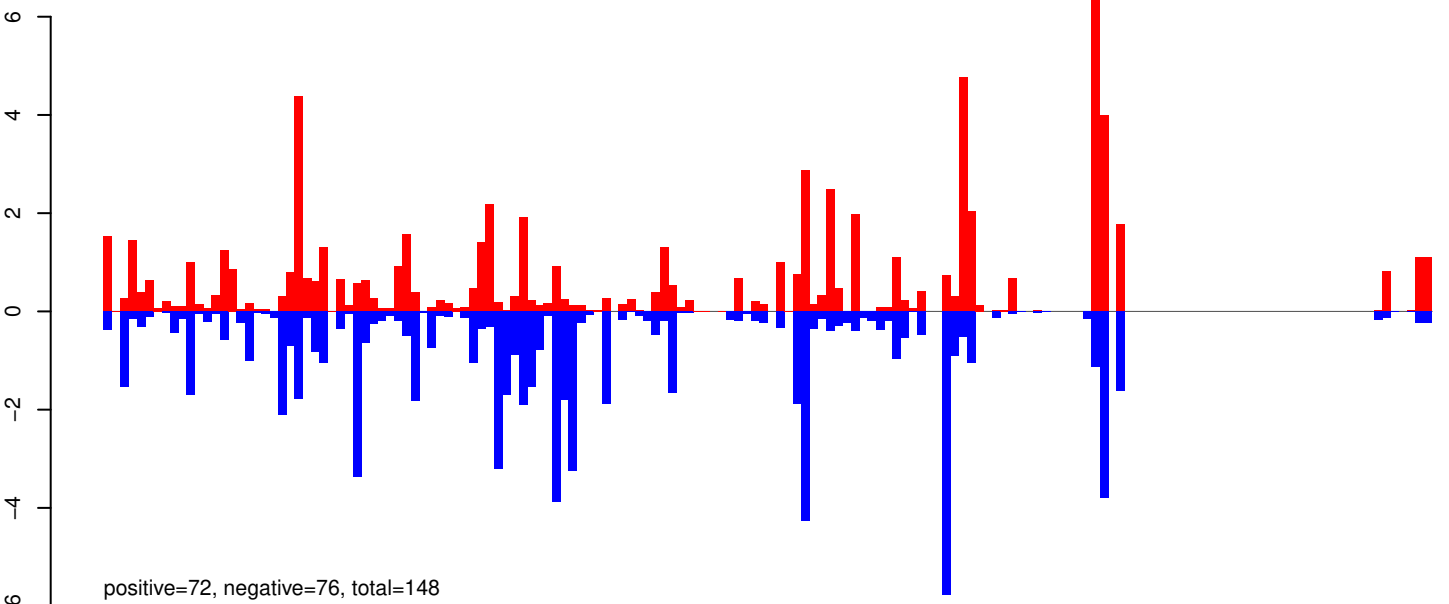


positive=11, negative=1065, total=1076

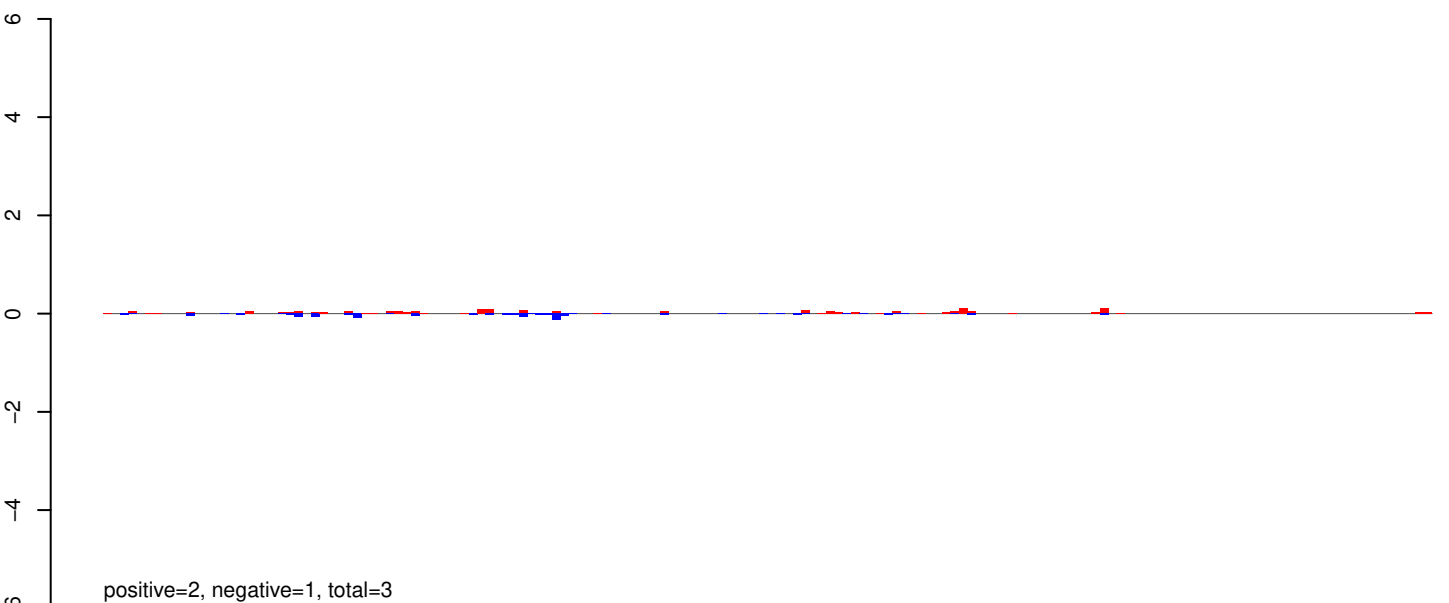
Window size=25, length=2965, virus@AY347953.2-Aedes\_aegypti\_genomic\_sequence:1-2965

0 500 1000 1500 2000 2500 3000

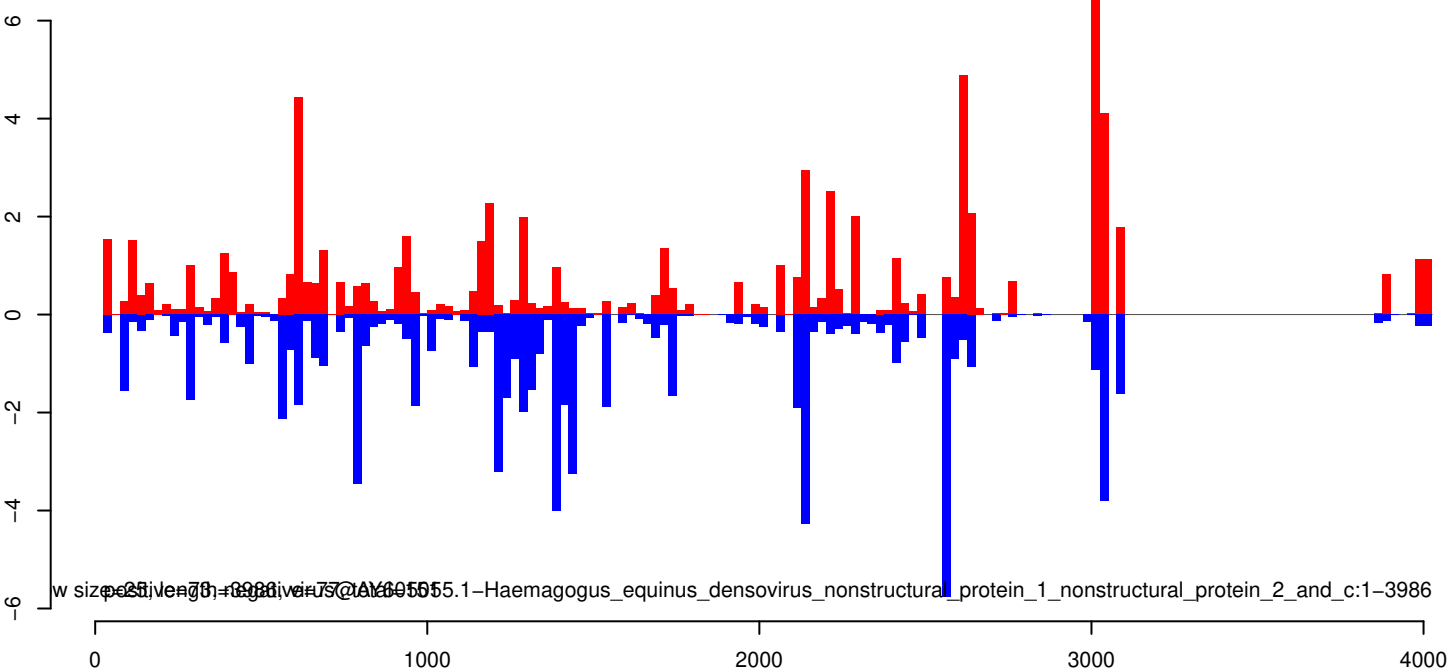
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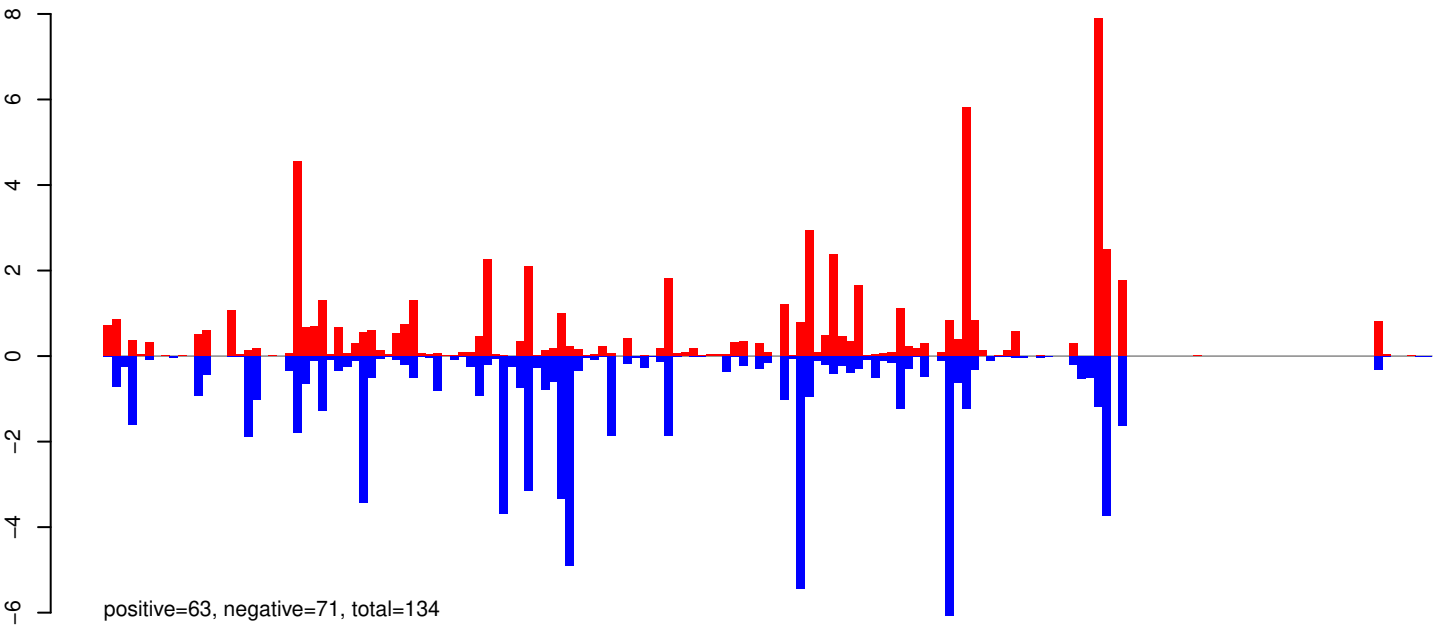
AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



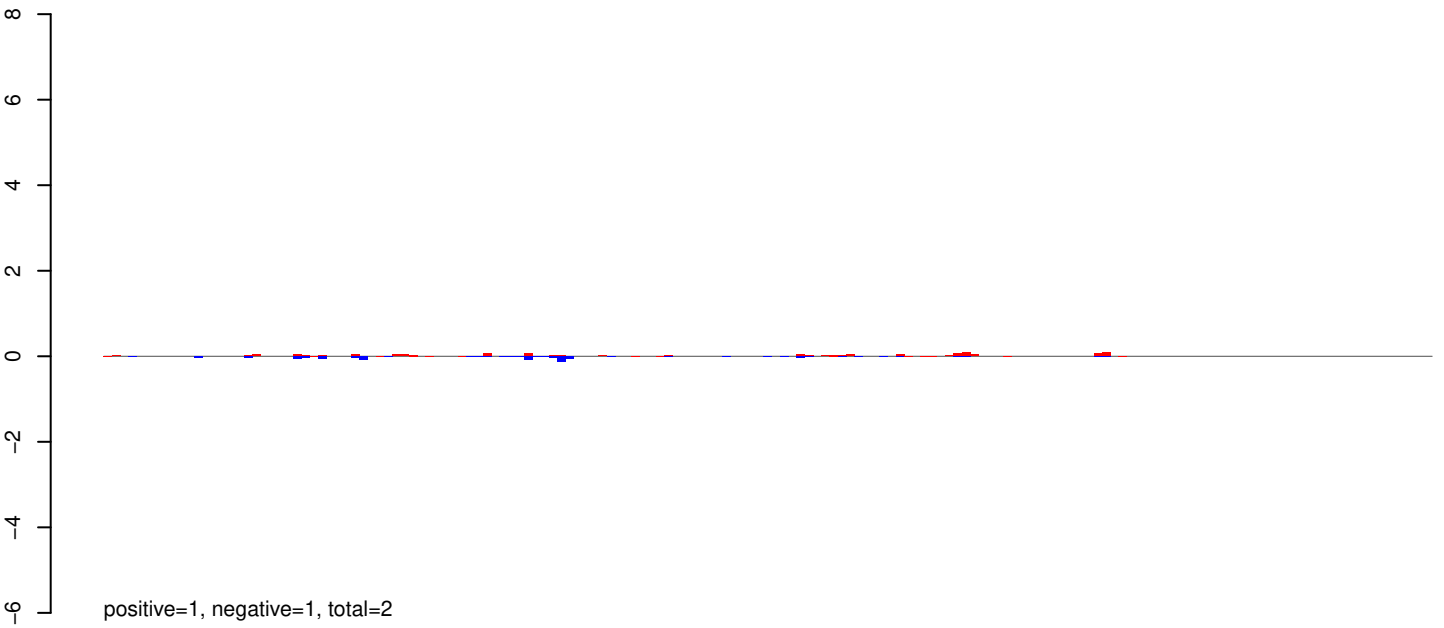
AeAeg\_Aag2\_R3D1\_r123\_ZA.rep



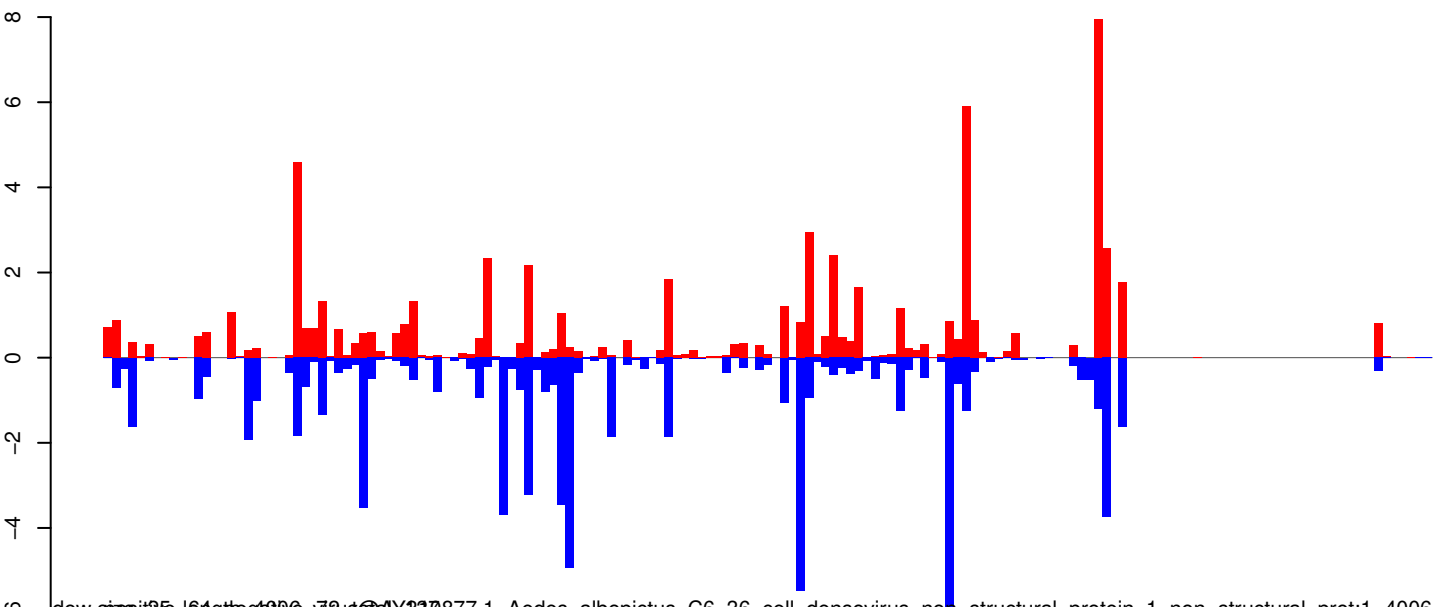
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



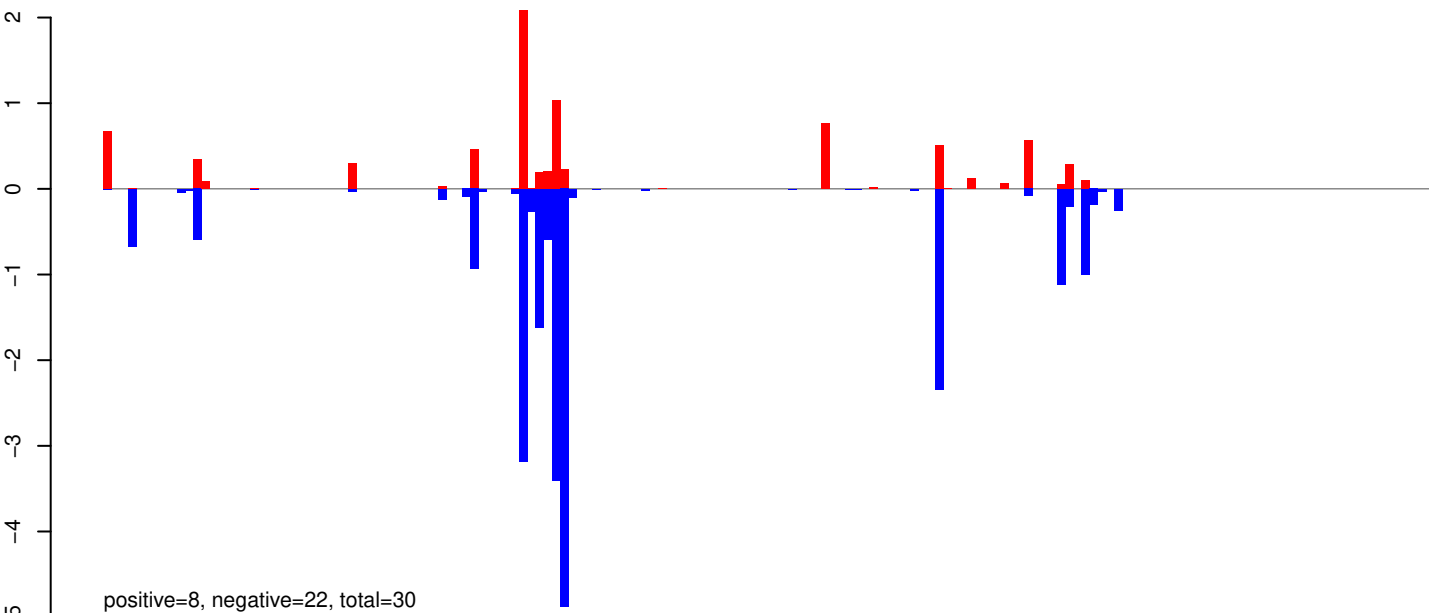
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



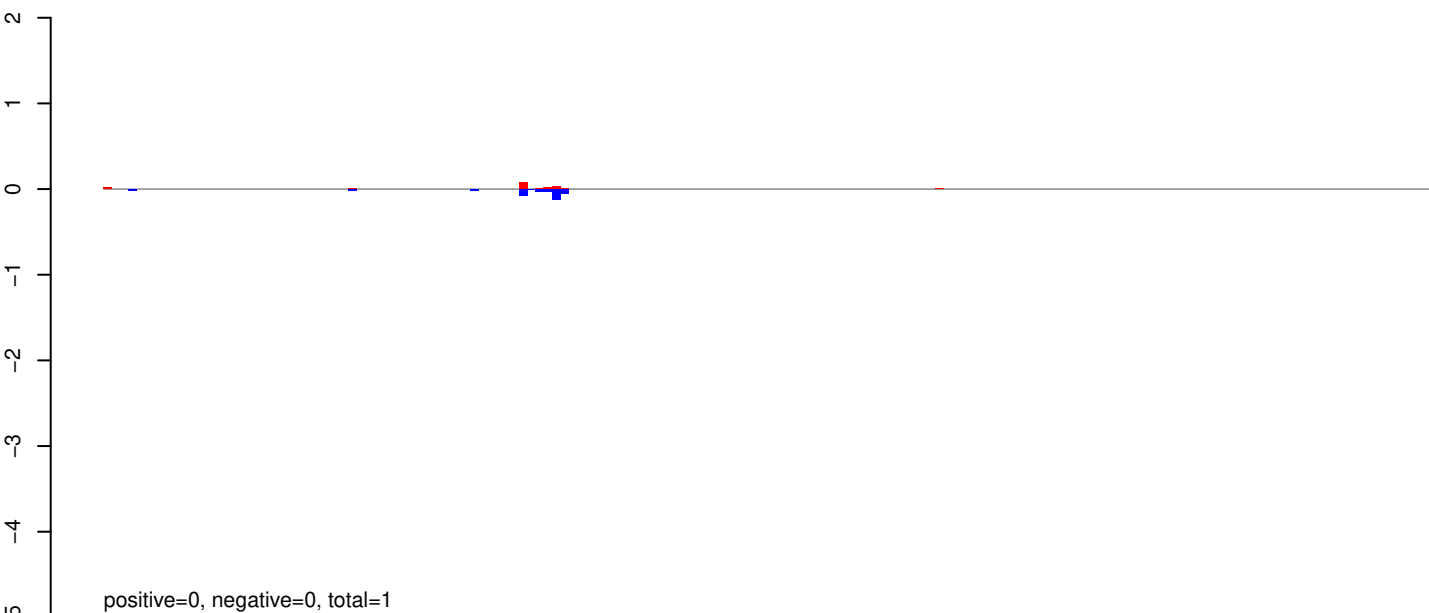
downloaded from [https://www.ncbi.nlm.nih.gov/trace/106723021/137877.1-Aedes\\_albopictus\\_C6\\_36\\_cell\\_densovirus\\_non-structural\\_protein\\_1\\_non-structural\\_prot:1-4006](https://www.ncbi.nlm.nih.gov/trace/106723021/137877.1-Aedes_albopictus_C6_36_cell_densovirus_non-structural_protein_1_non-structural_prot:1-4006)

0 1000 2000 3000 4000

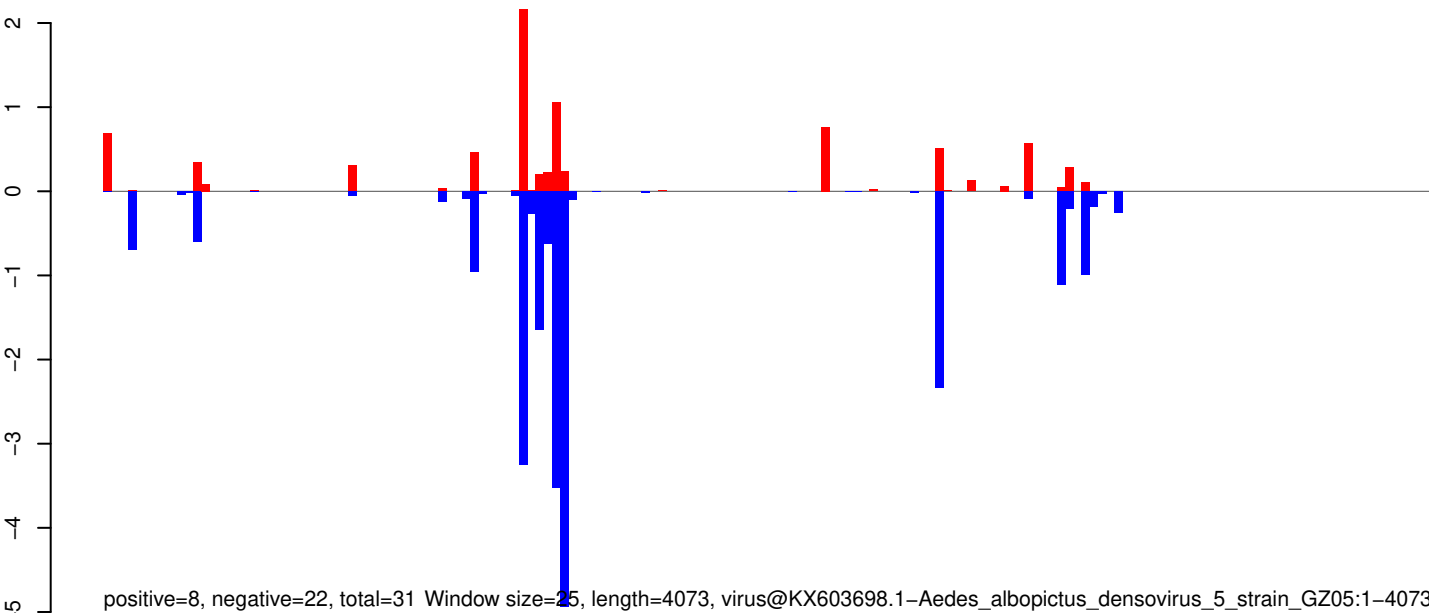
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



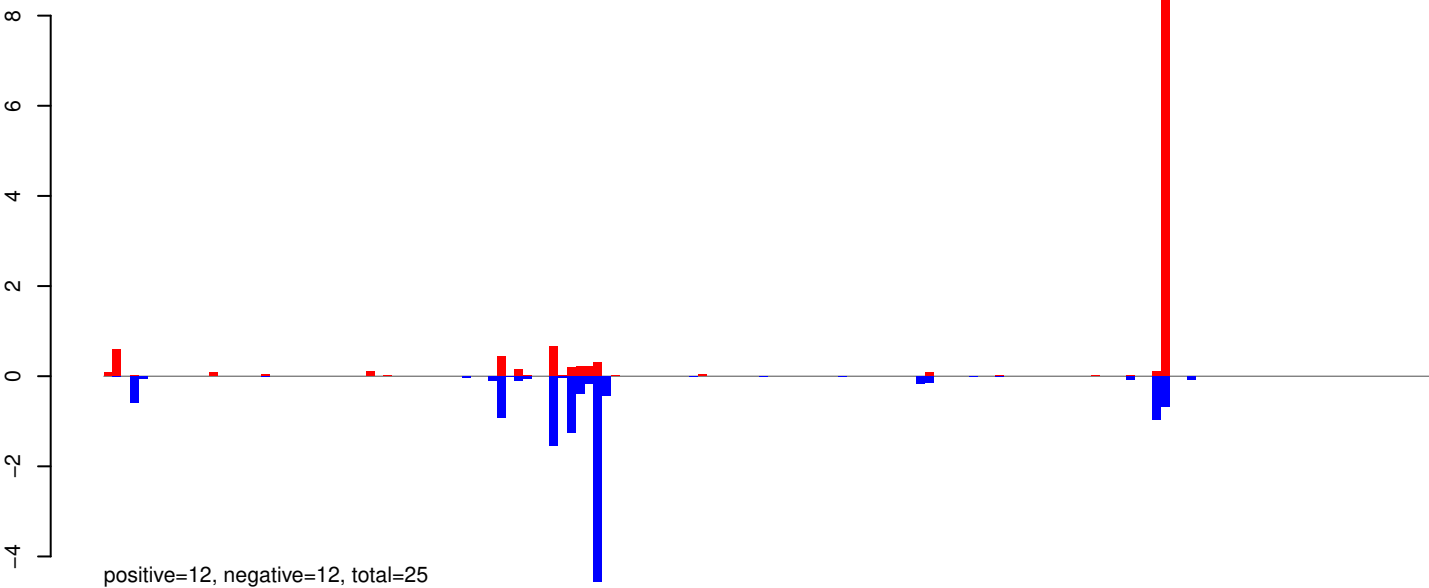
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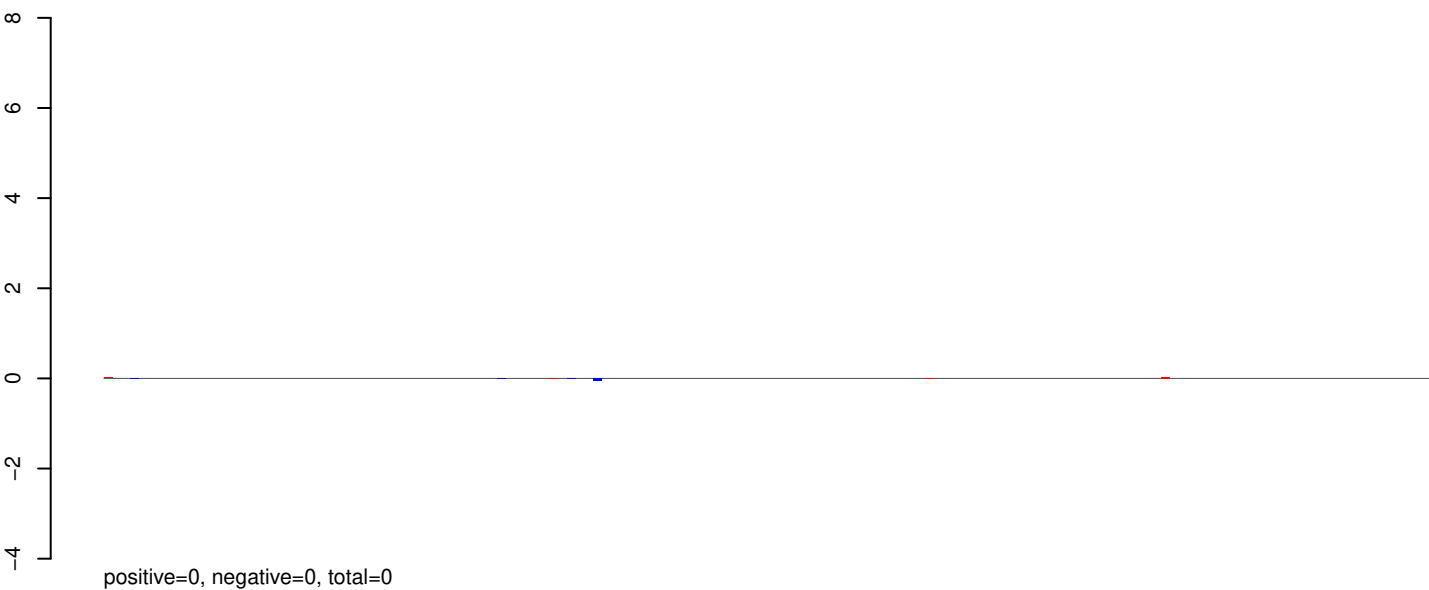




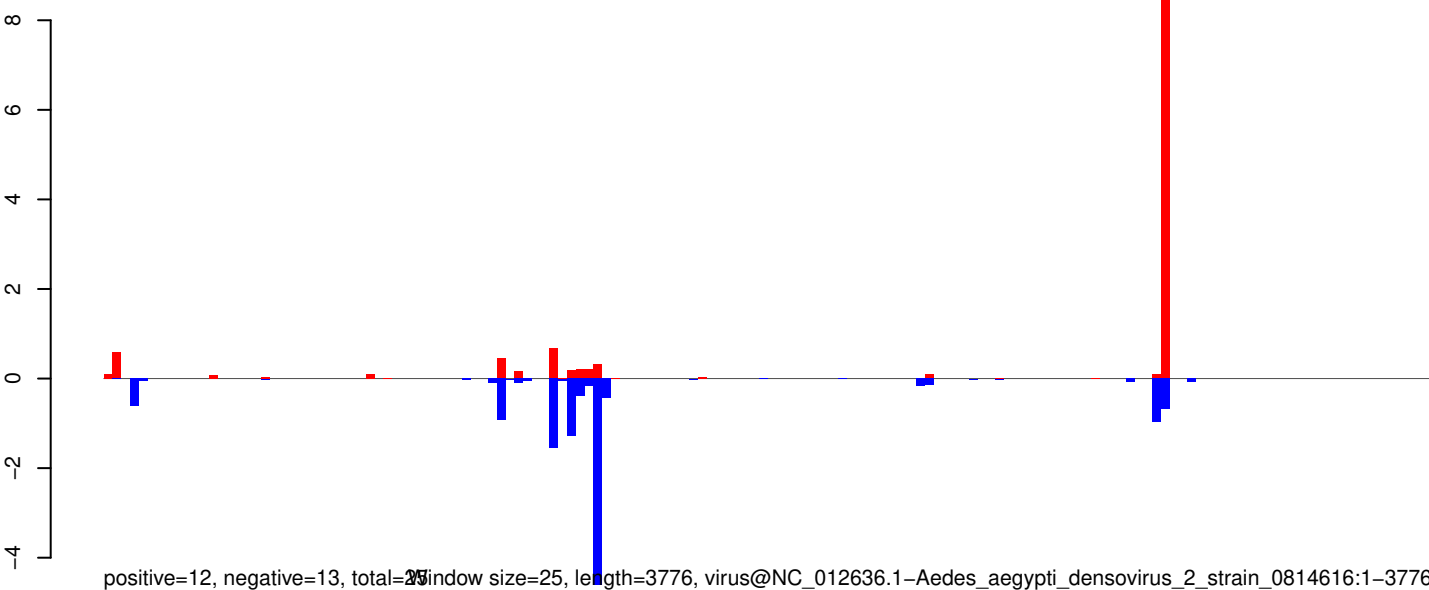
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AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



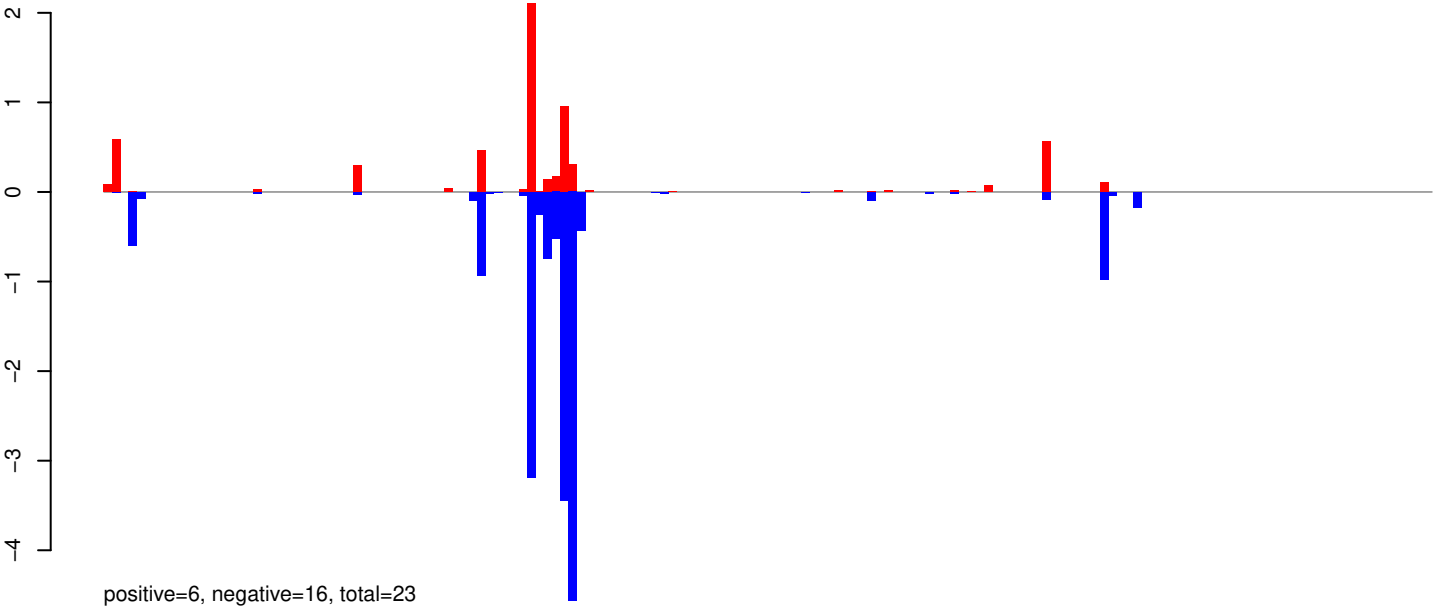
AeAeg\_Aag2\_R3D1\_r123\_ZA.rep



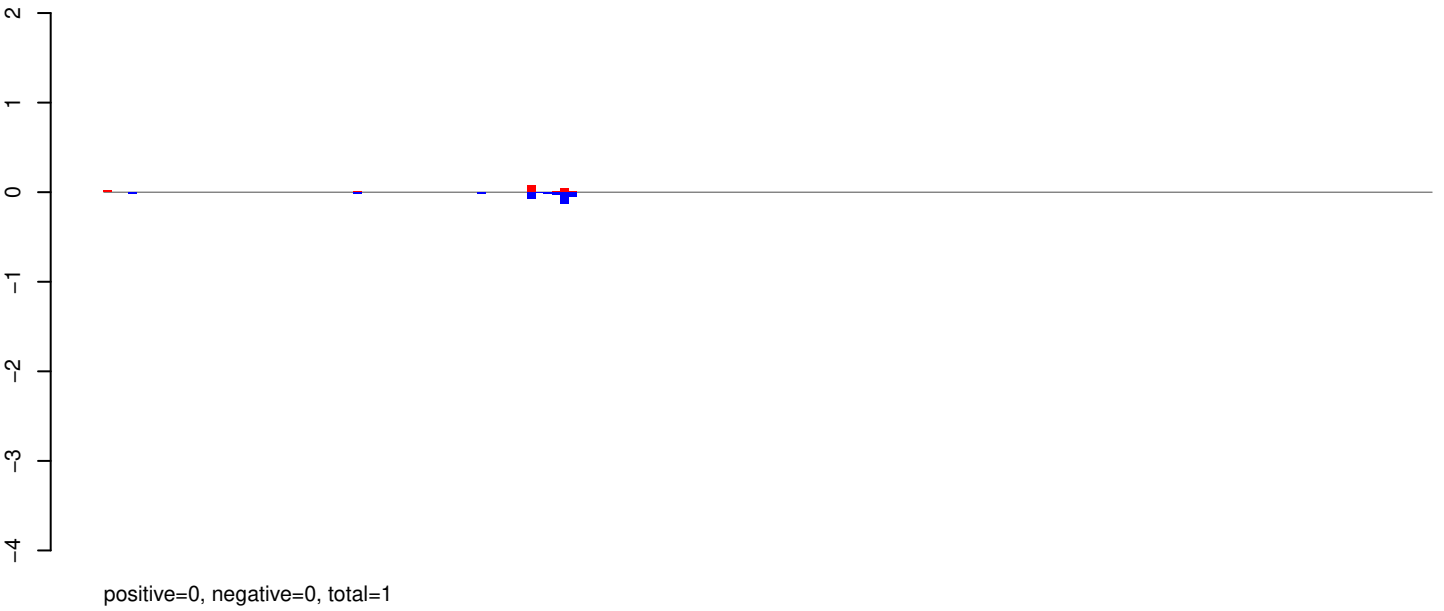
positive=12, negative=13, total=25 window size=25, length=3776, virus@NC\_012636.1-Aedes aegypti\_densovirus\_2\_strain\_0814616:1-3776

0 1000 2000 3000

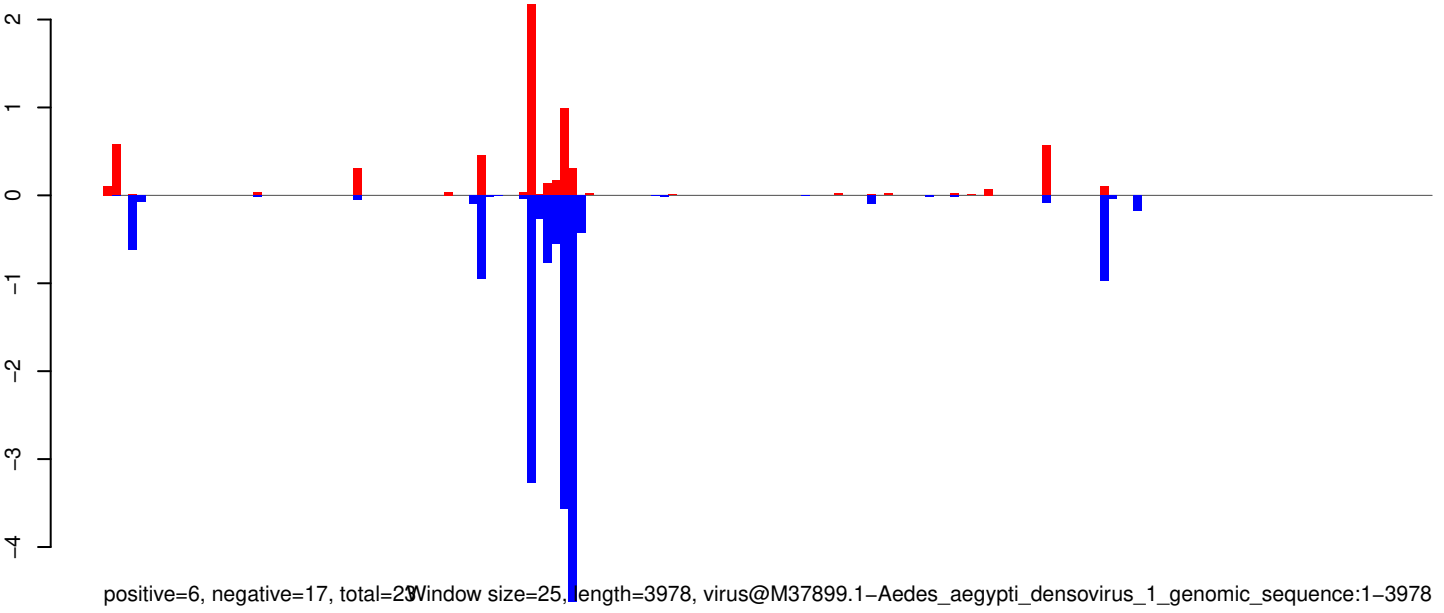
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AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep

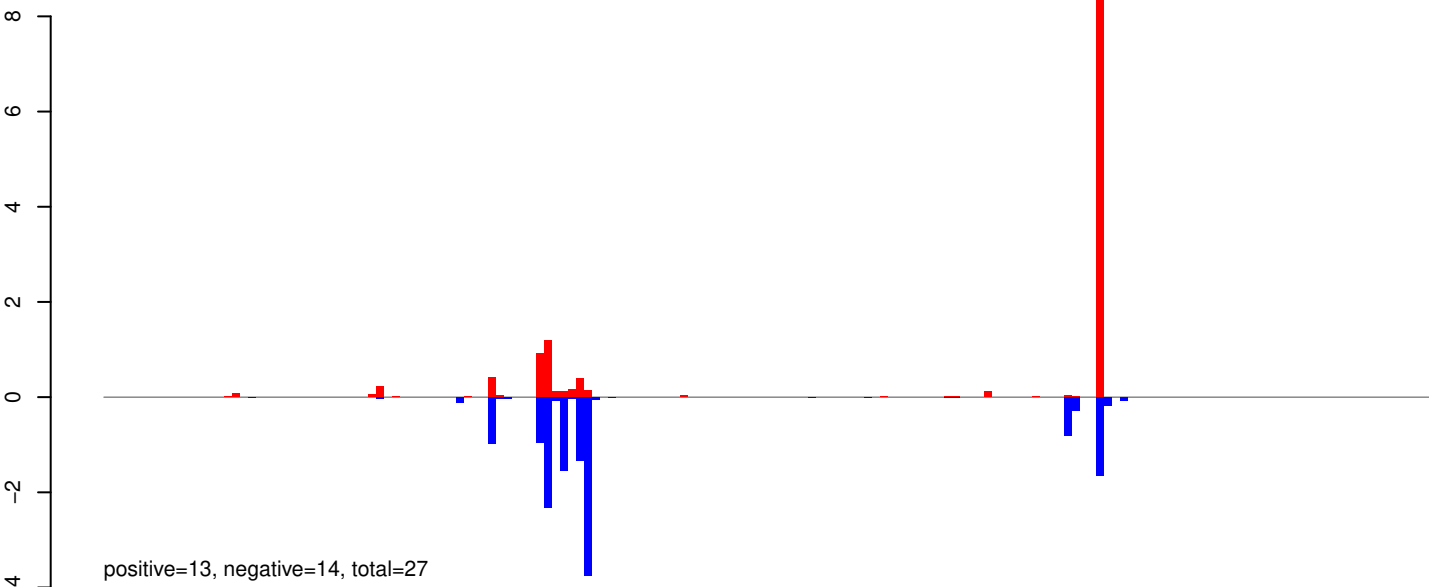


AeAeg\_Aag2\_R3D1\_r123\_ZA.rep

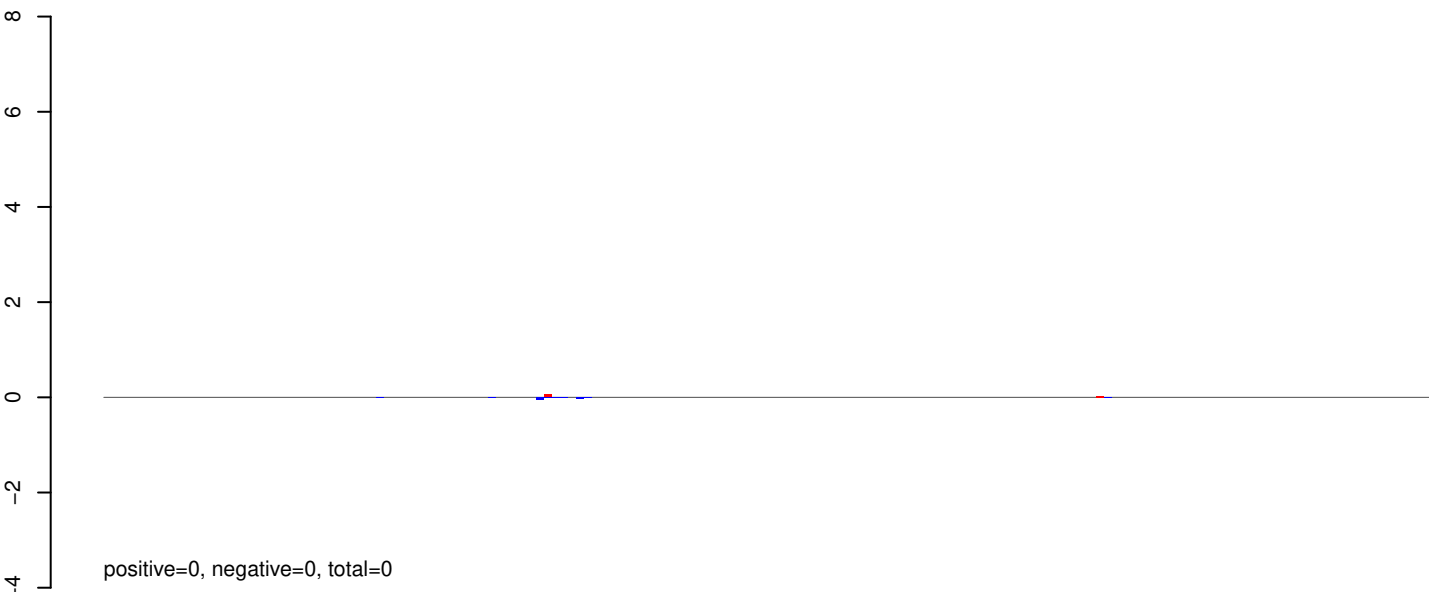


Window size=25, length=3978, virus@M37899.1-Aedes\_aegypti\_densovirus\_1\_genomic\_sequence:1-3978

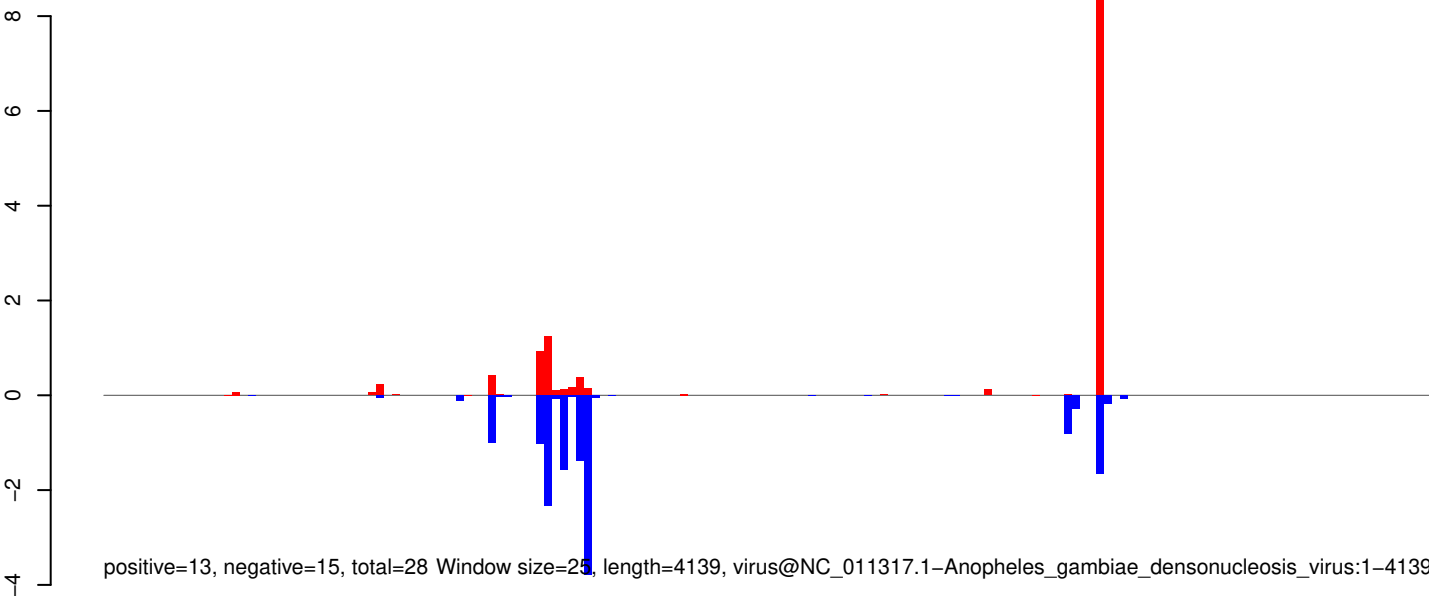
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



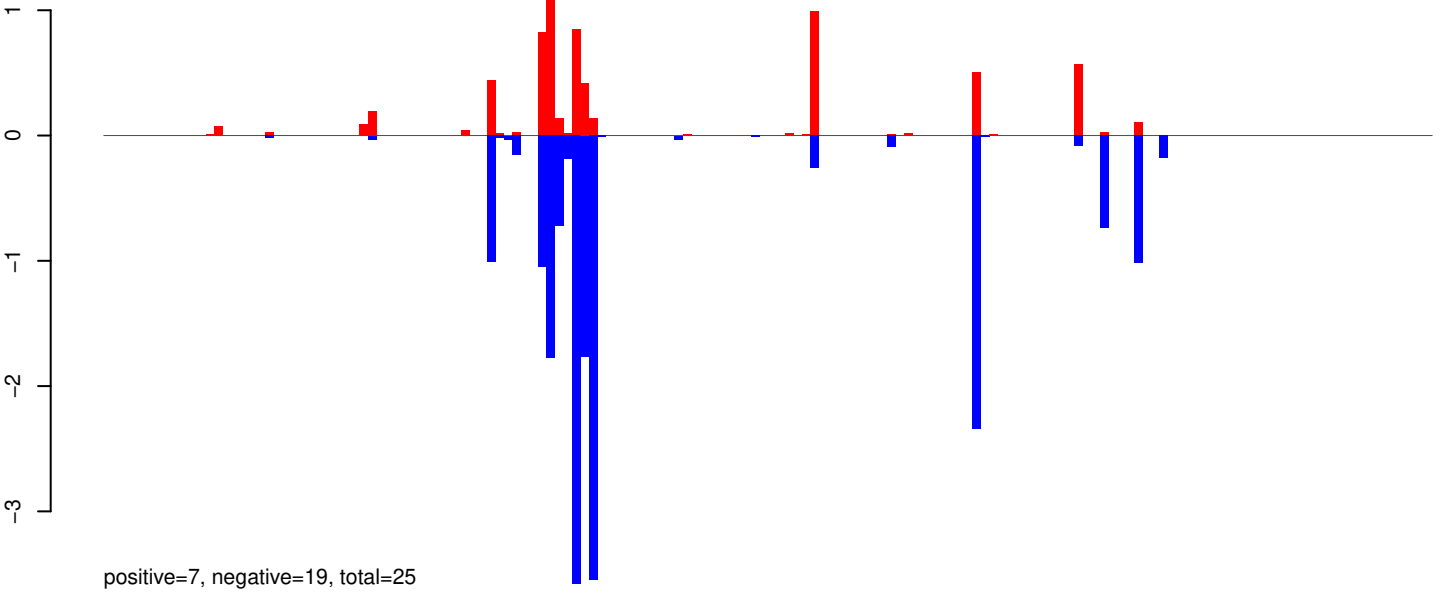
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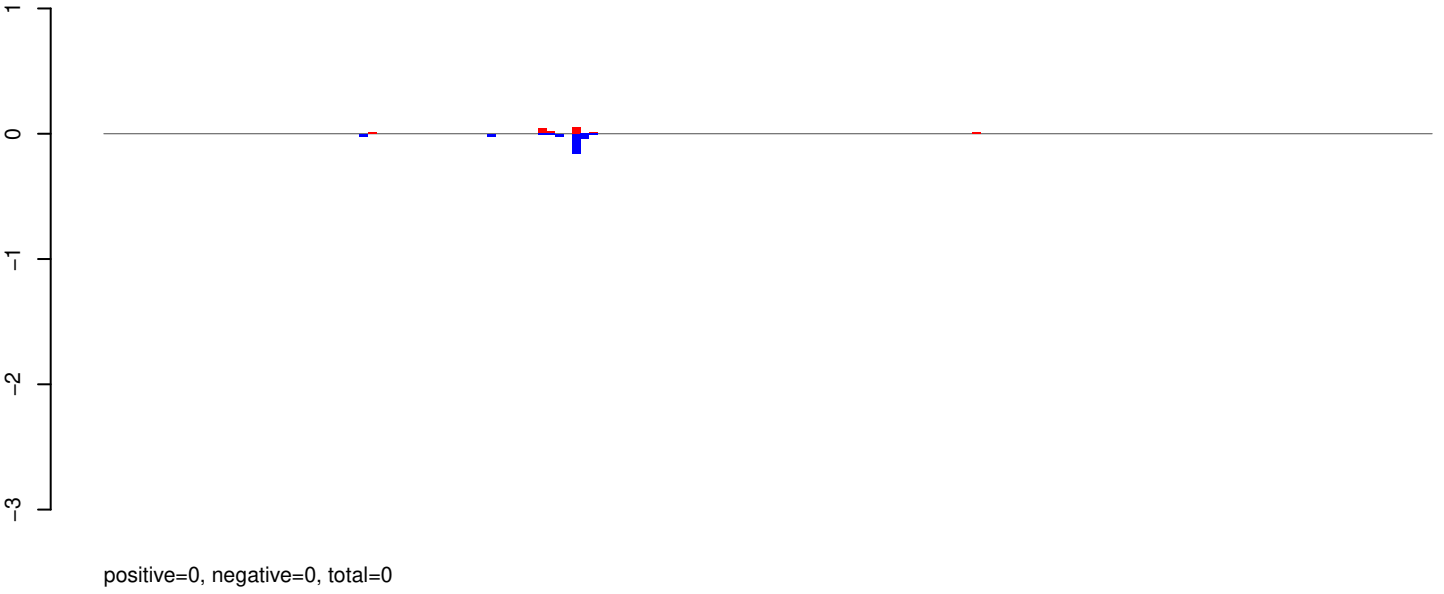
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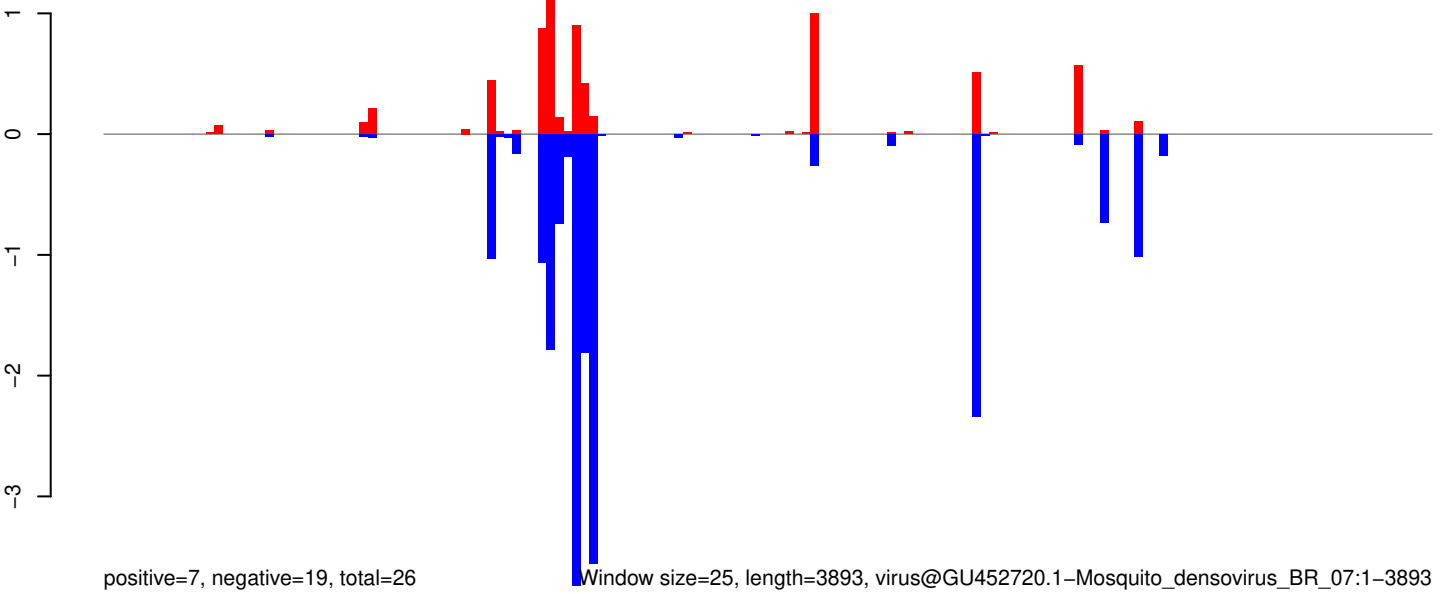
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AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep

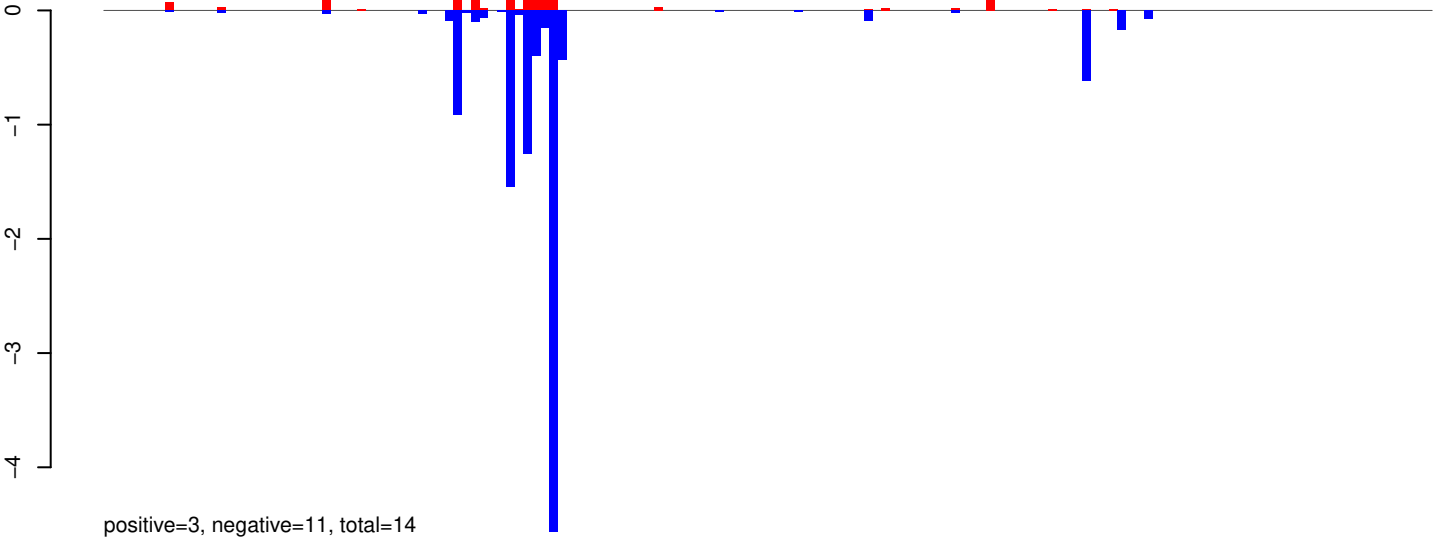


AeAeg\_Aag2\_R3D1\_r123\_ZA.rep



0 1000 2000 3000 4000

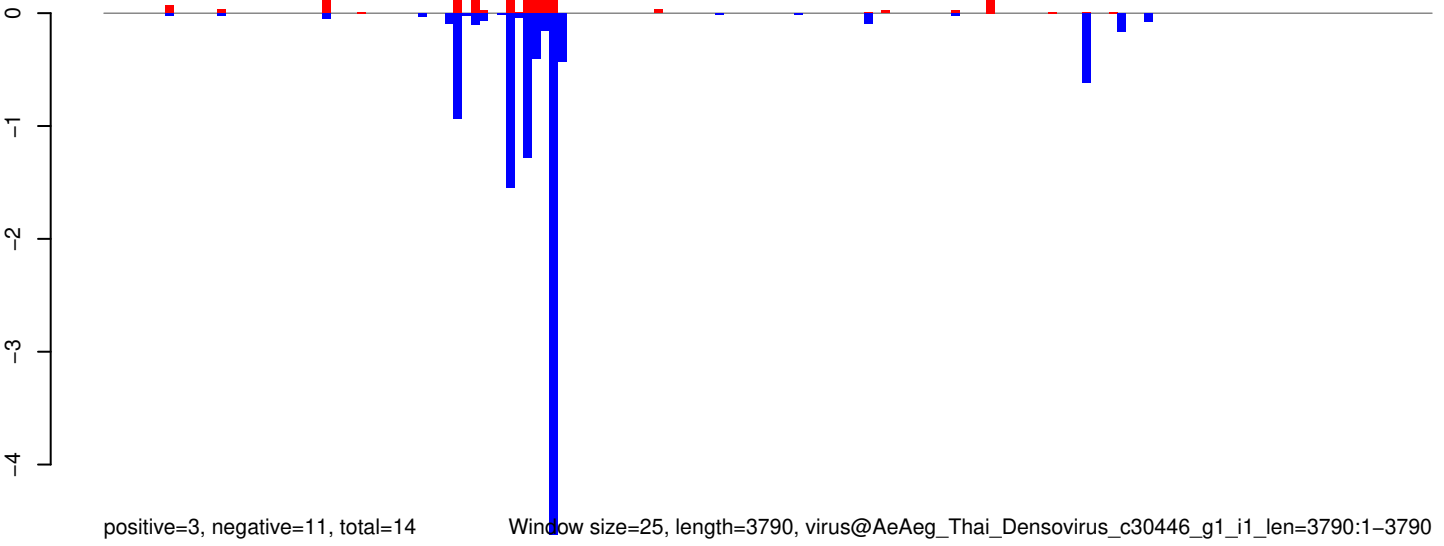
AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep



AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



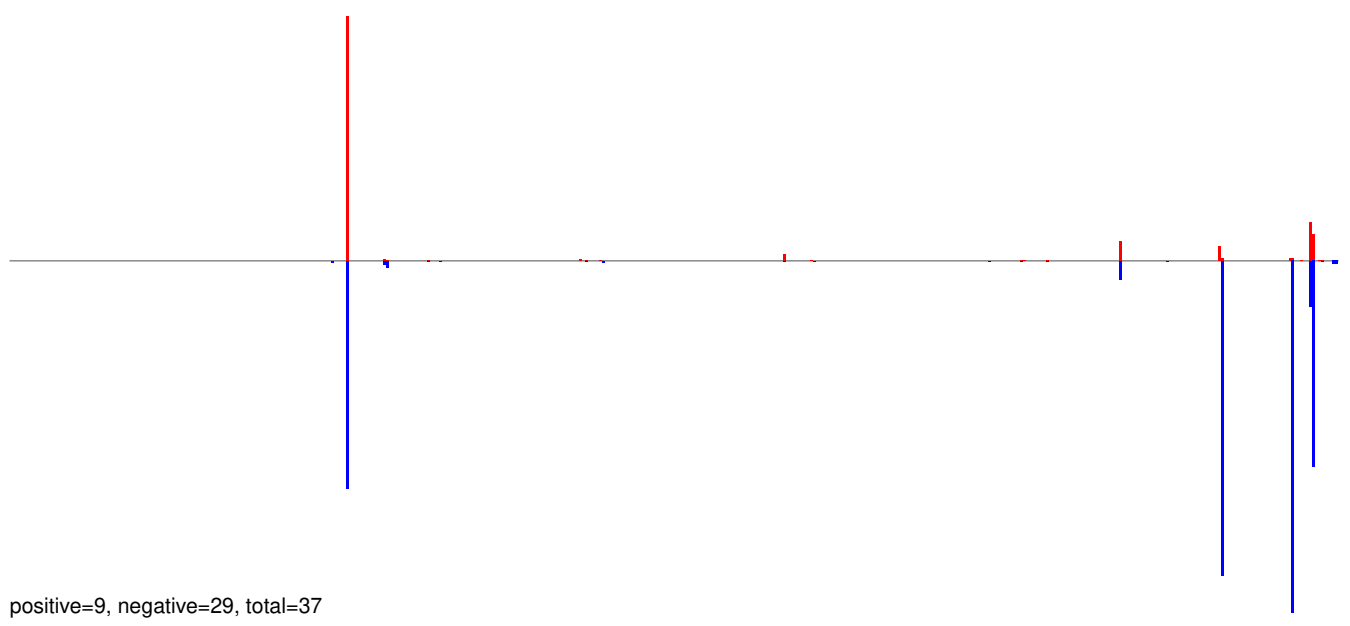
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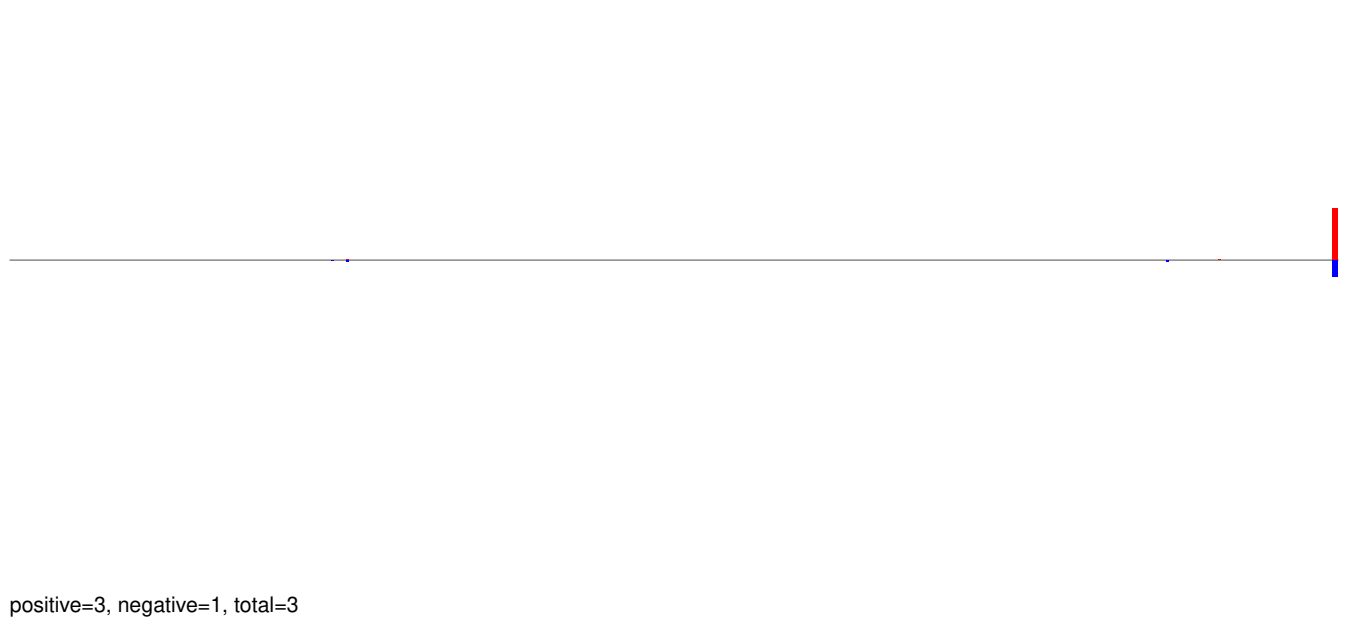
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0 1000 2000 3000

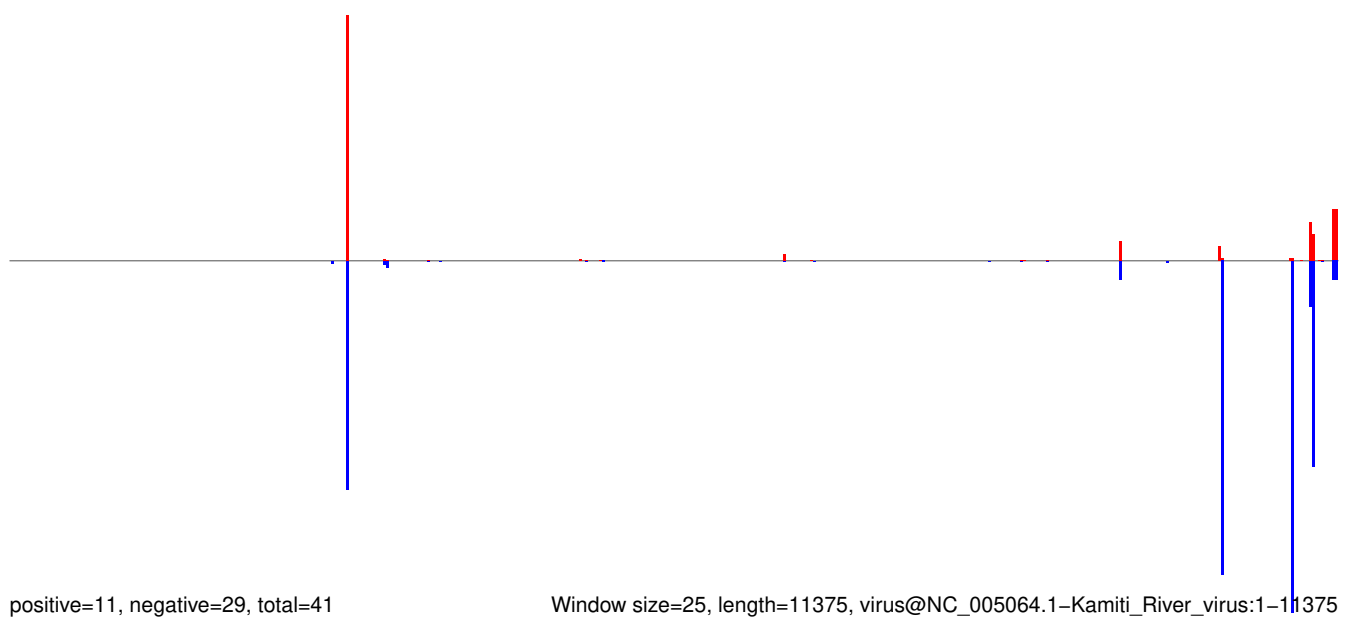
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



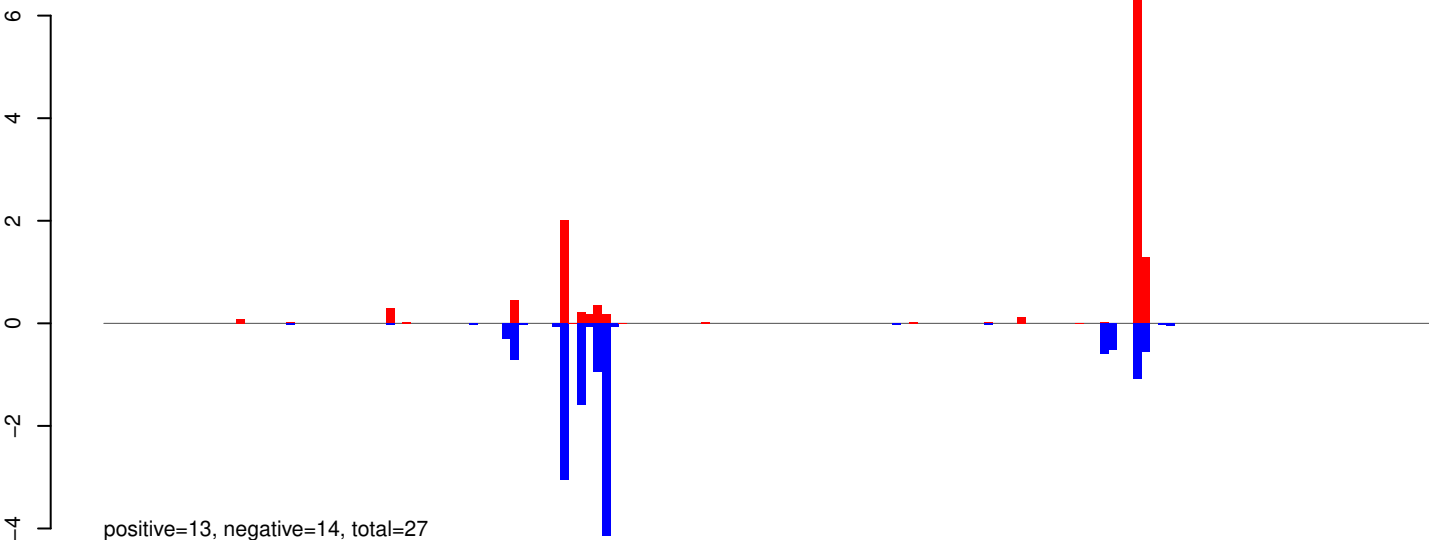
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



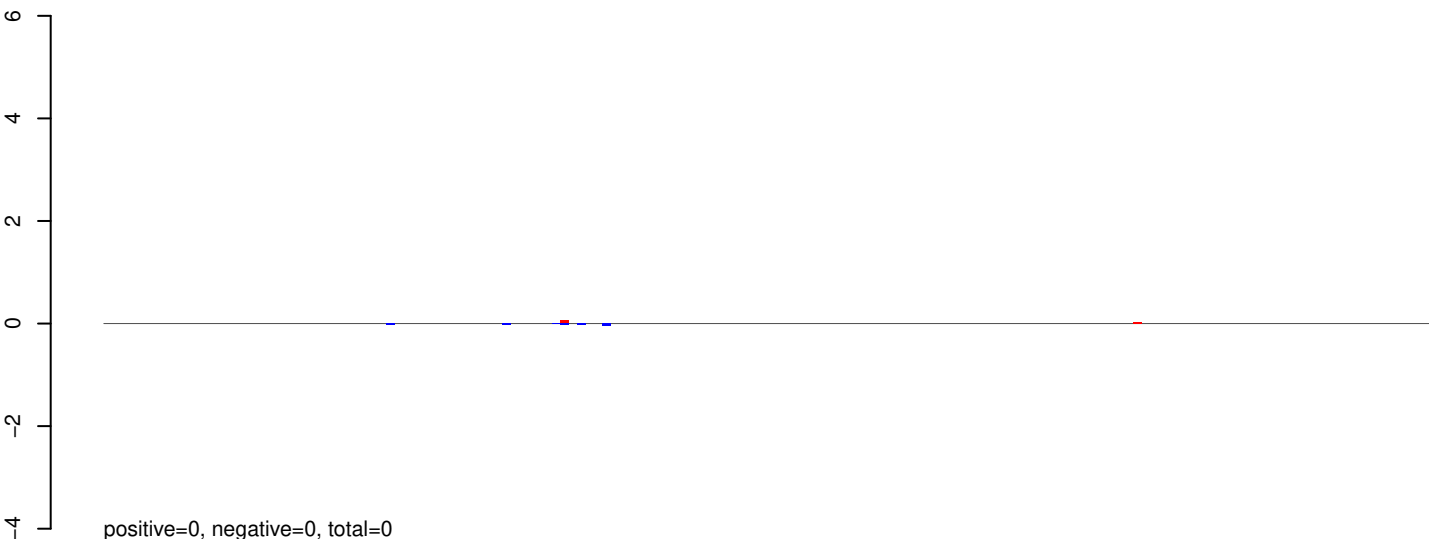
Window size=25, length=11375, virus@NC\_005064.1-Kamiti\_River\_virus:1-11375

0 2000 4000 6000 8000 10000

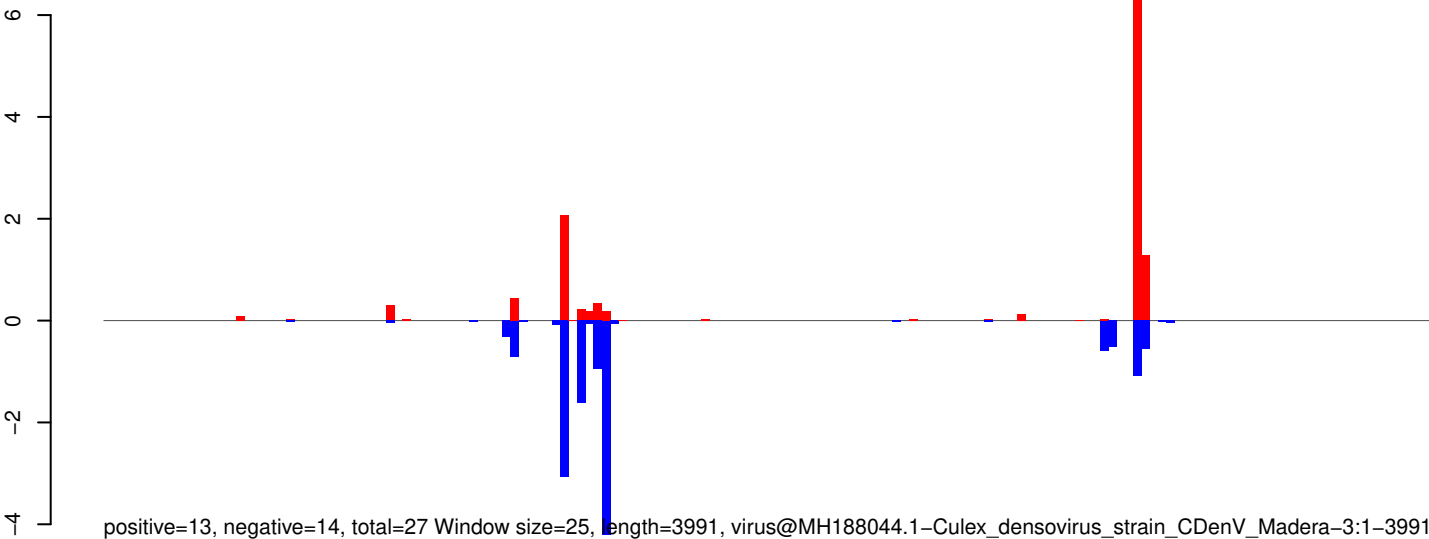
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

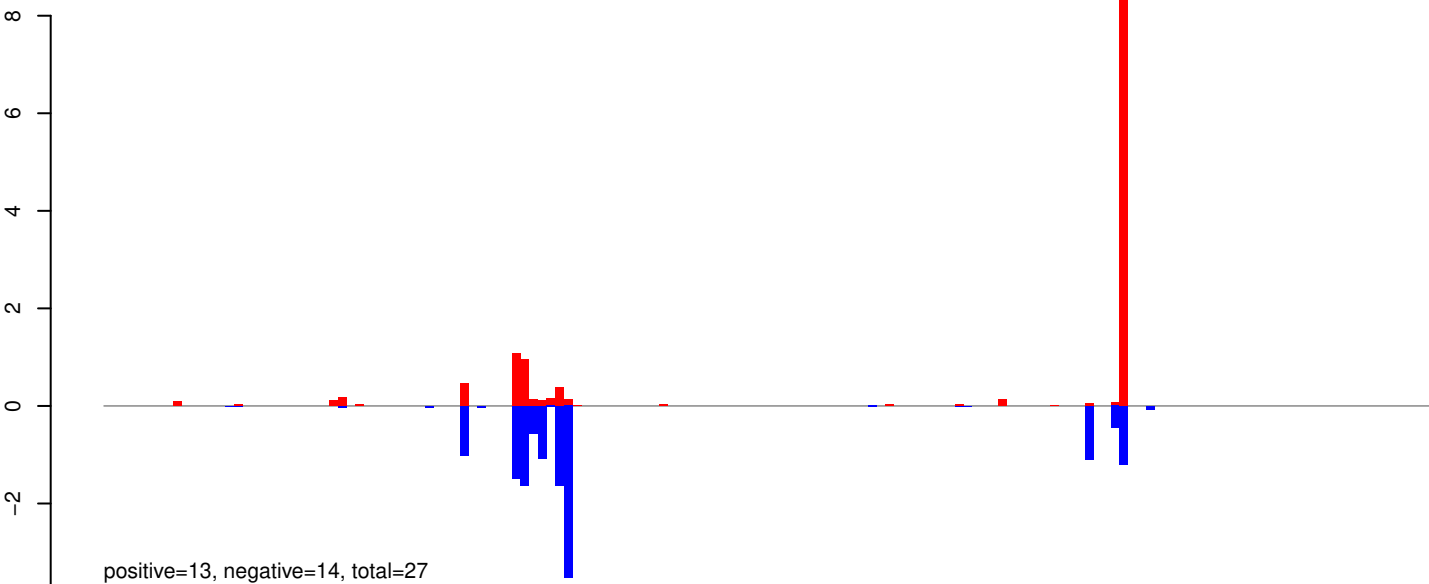


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

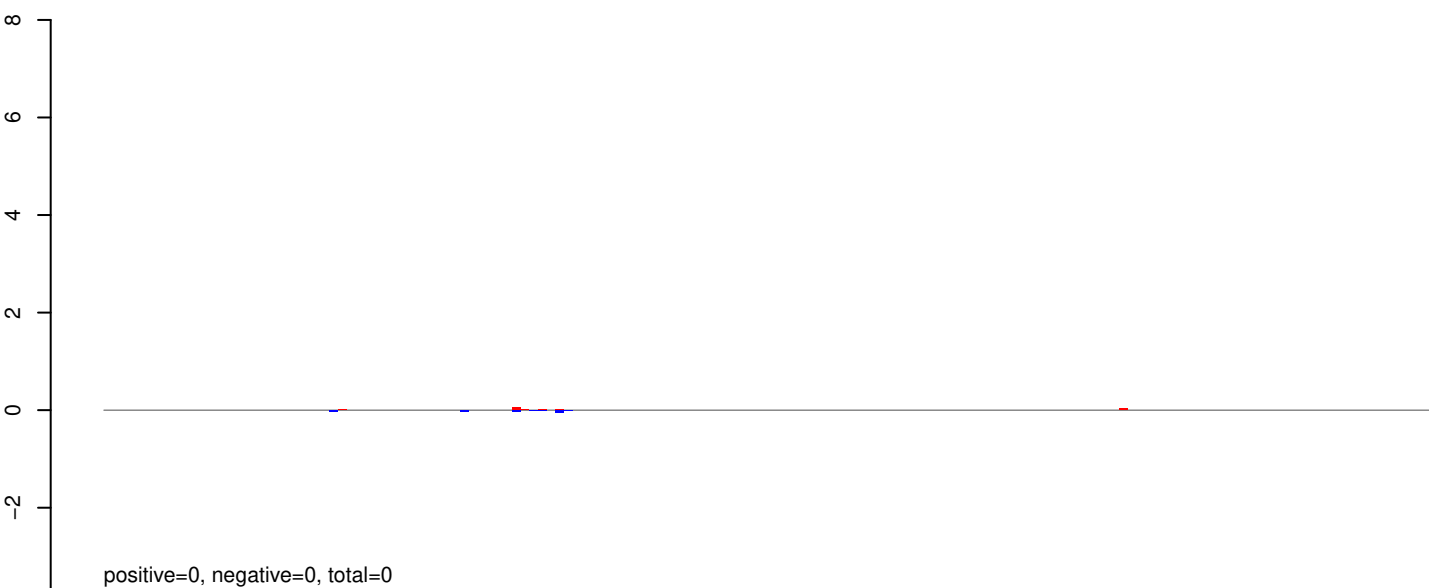




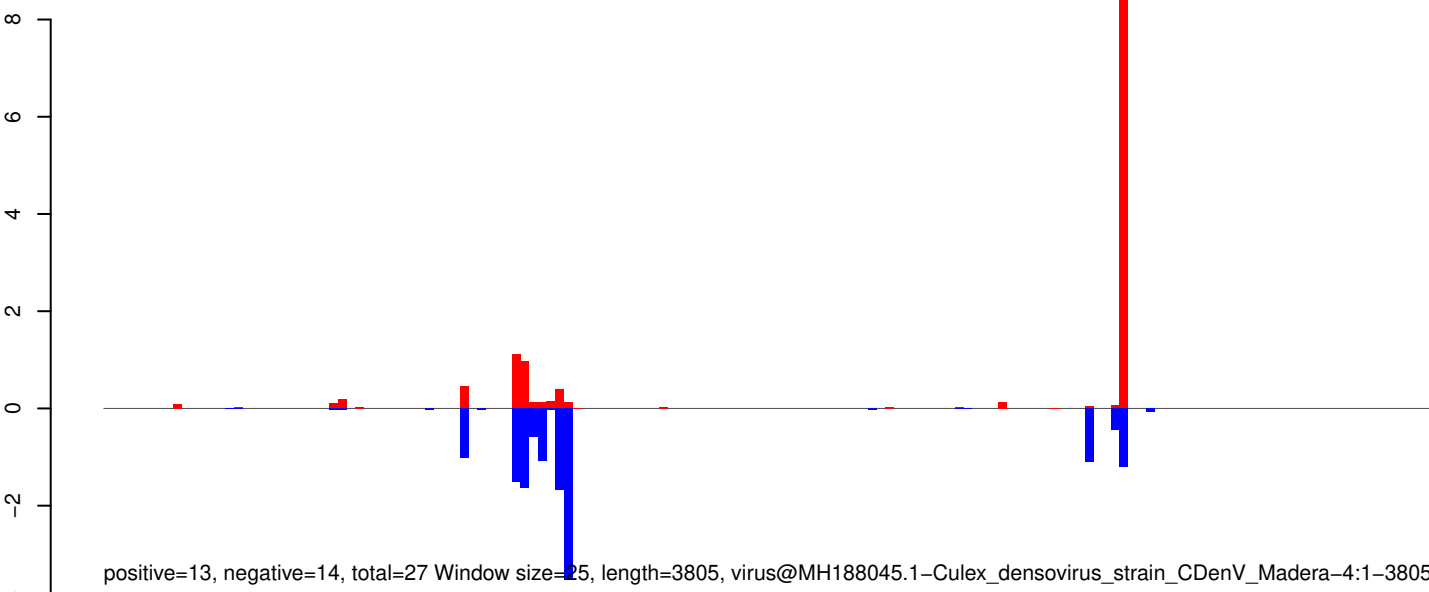
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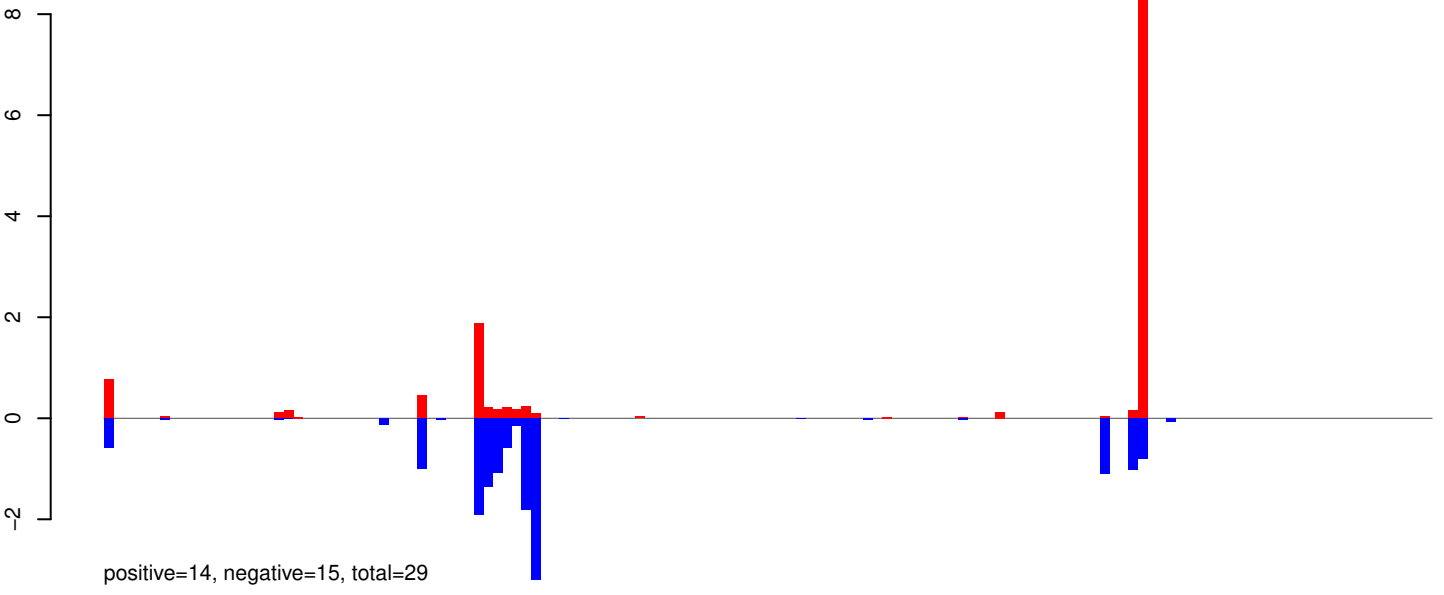
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



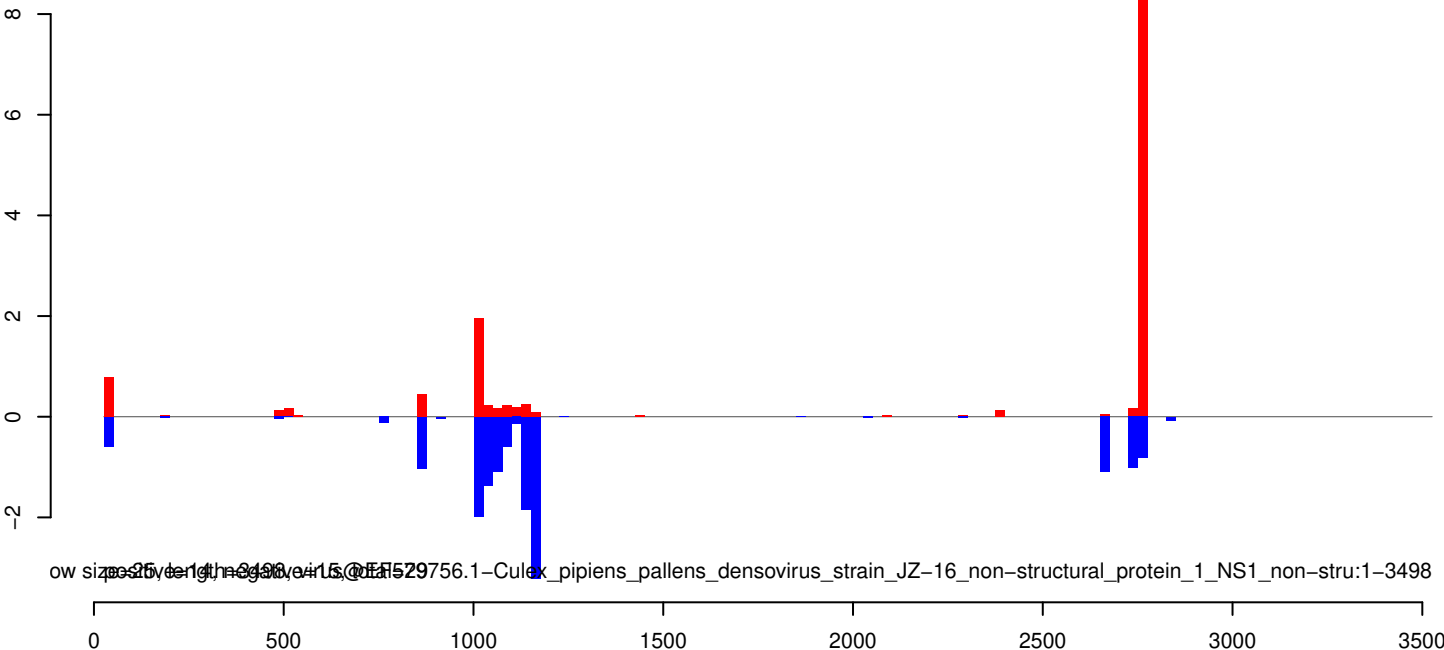
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



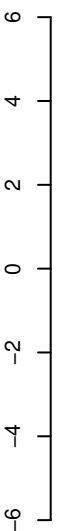
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

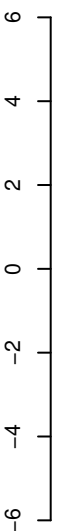


**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



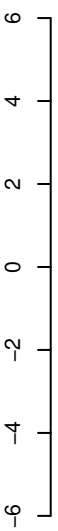
positive=19, negative=12, total=31

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=1

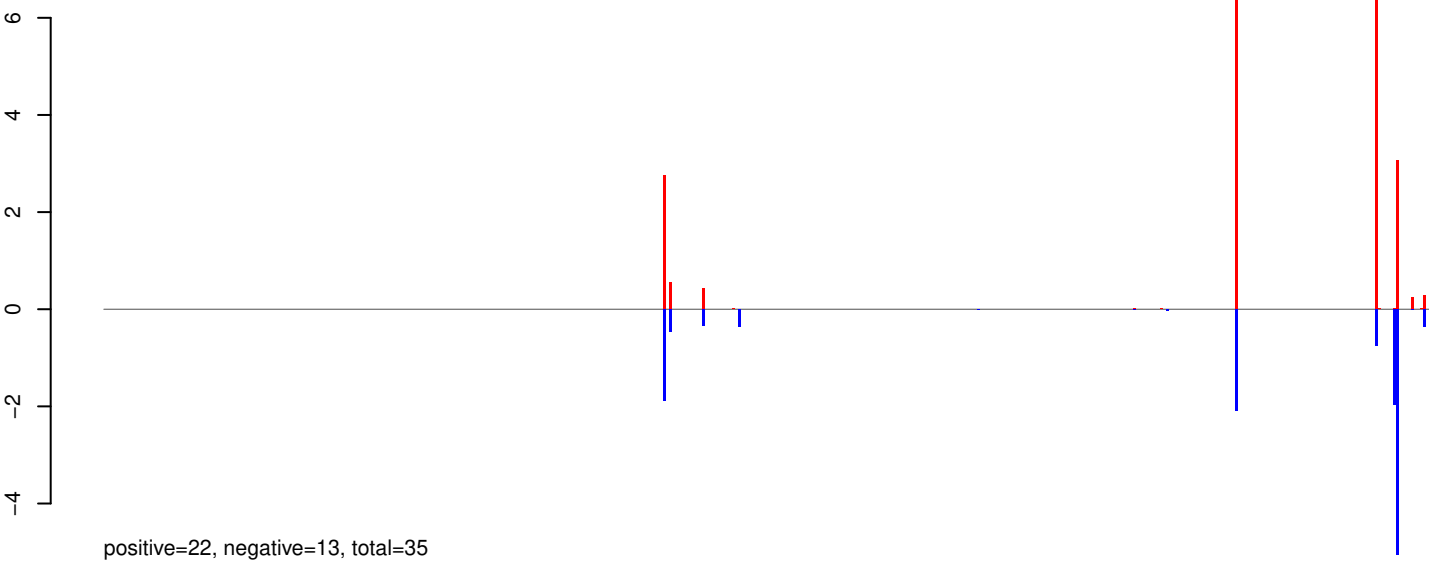
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



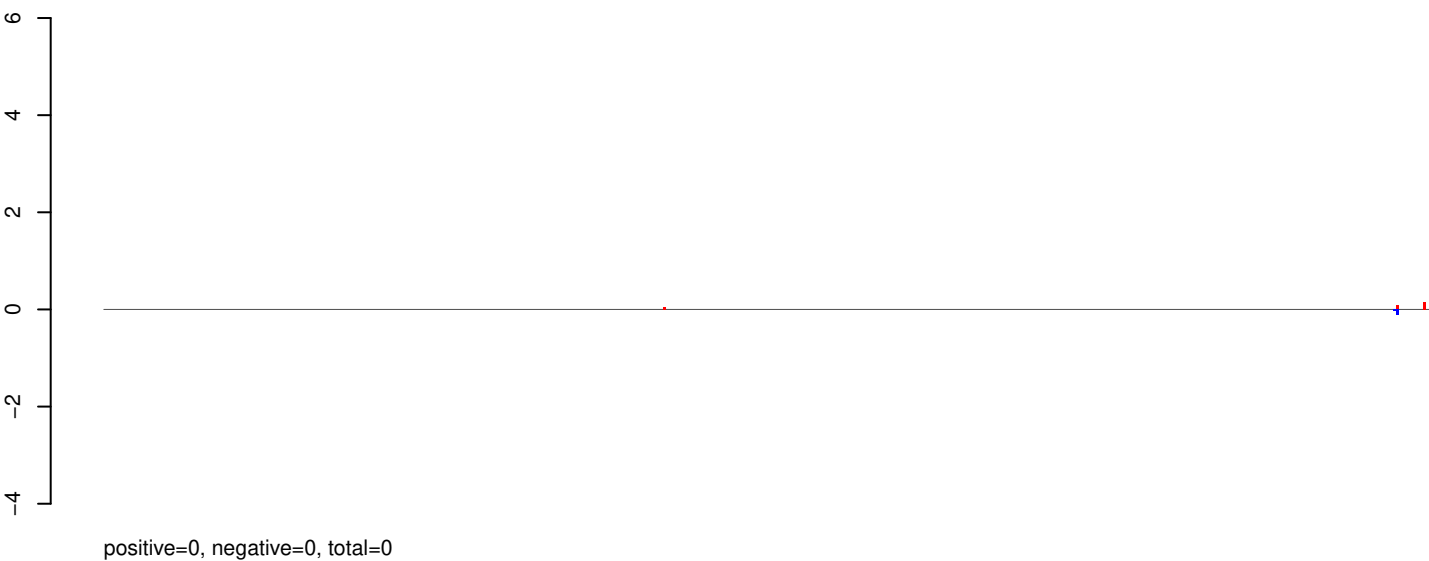
positive=20, negative=12, total=32, window size=25, length=11064, virus@NC\_012932.1-Aedes\_flavivirus\_genomic\_RNA\_strain\_Narita-21:1-11064



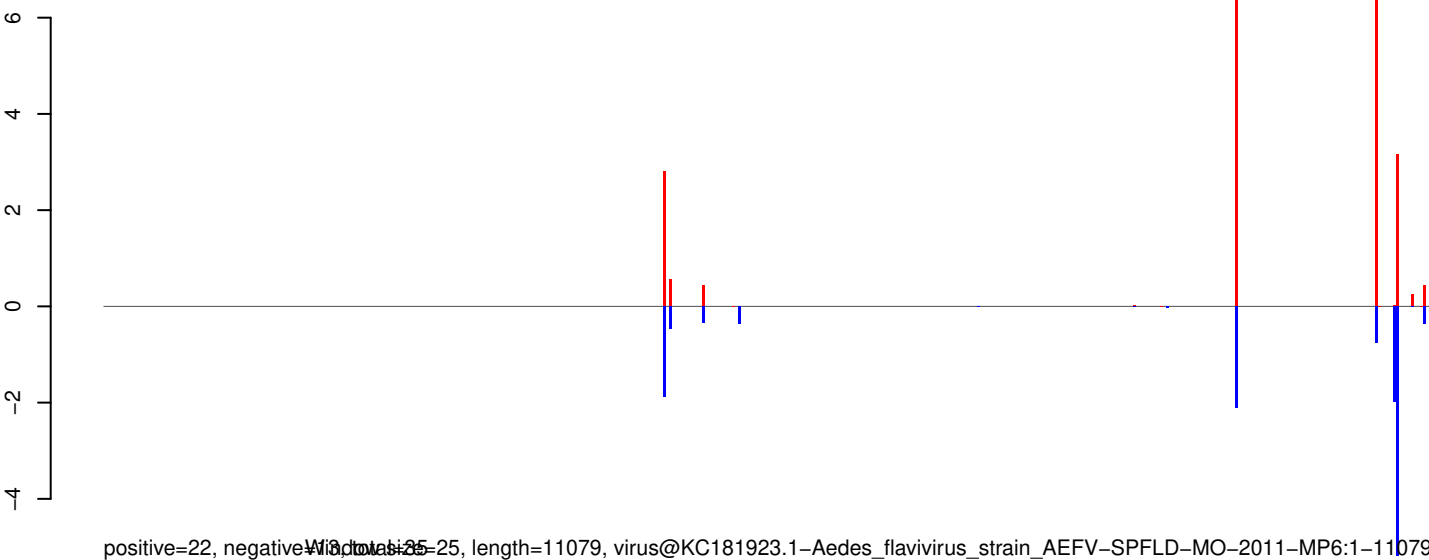
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



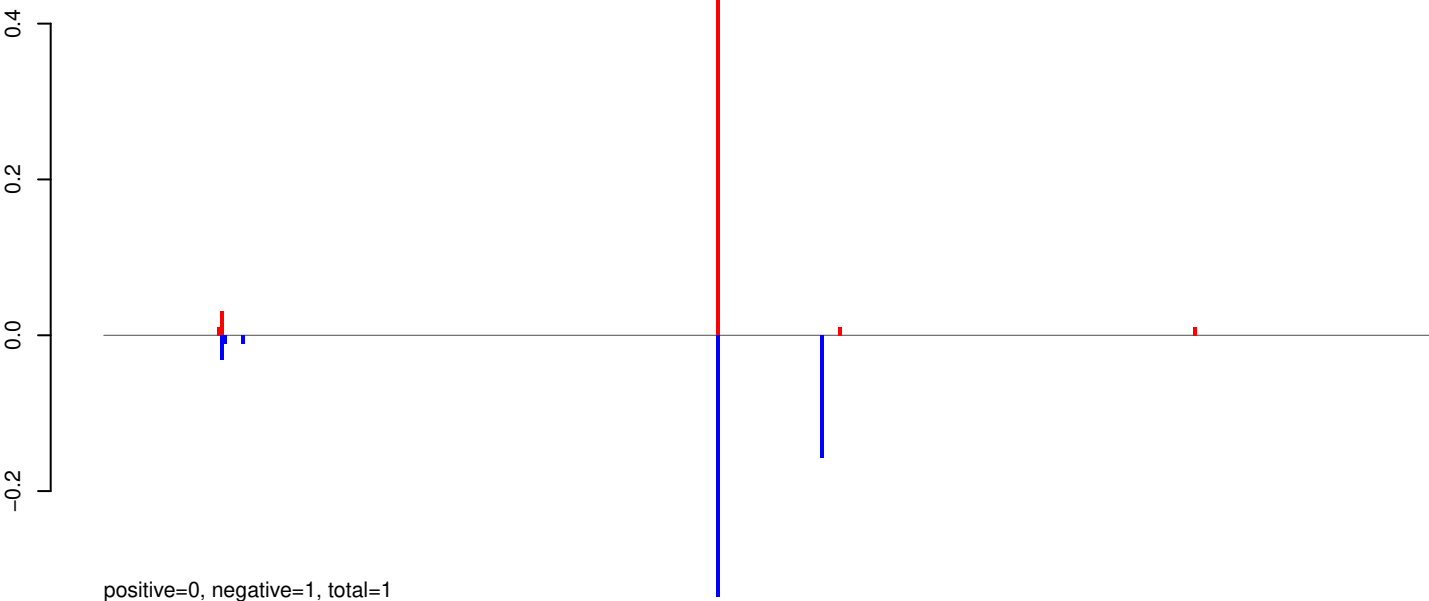
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



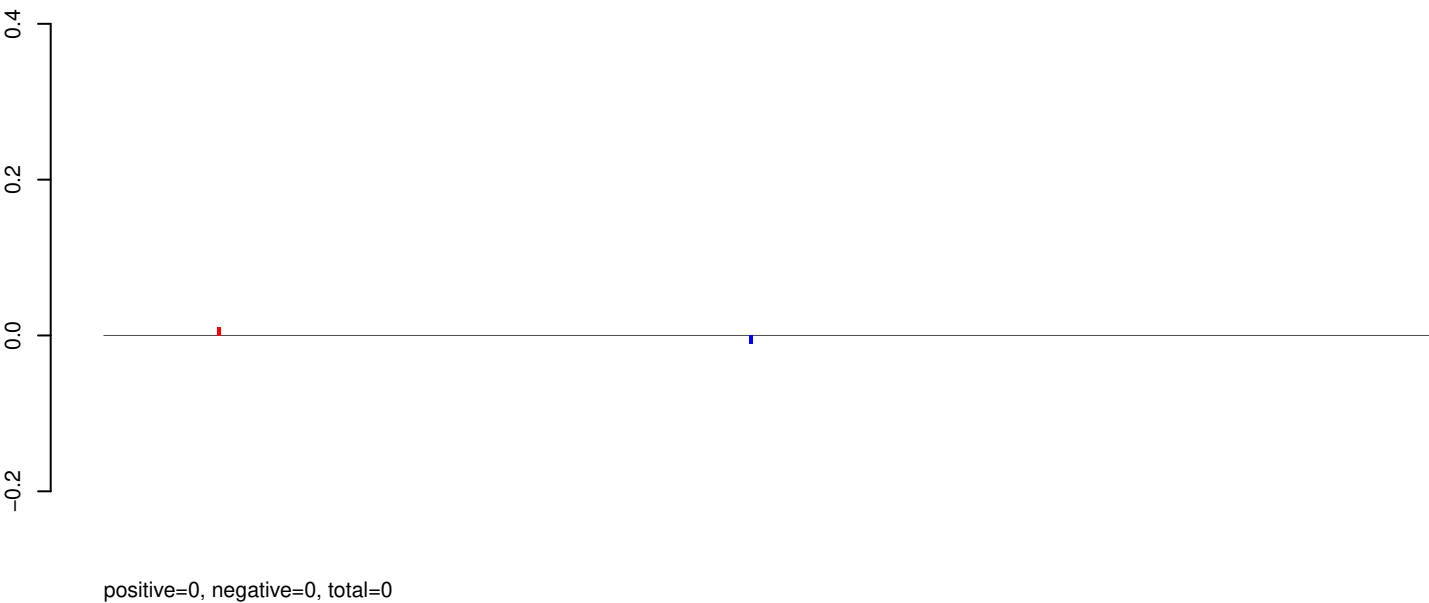
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



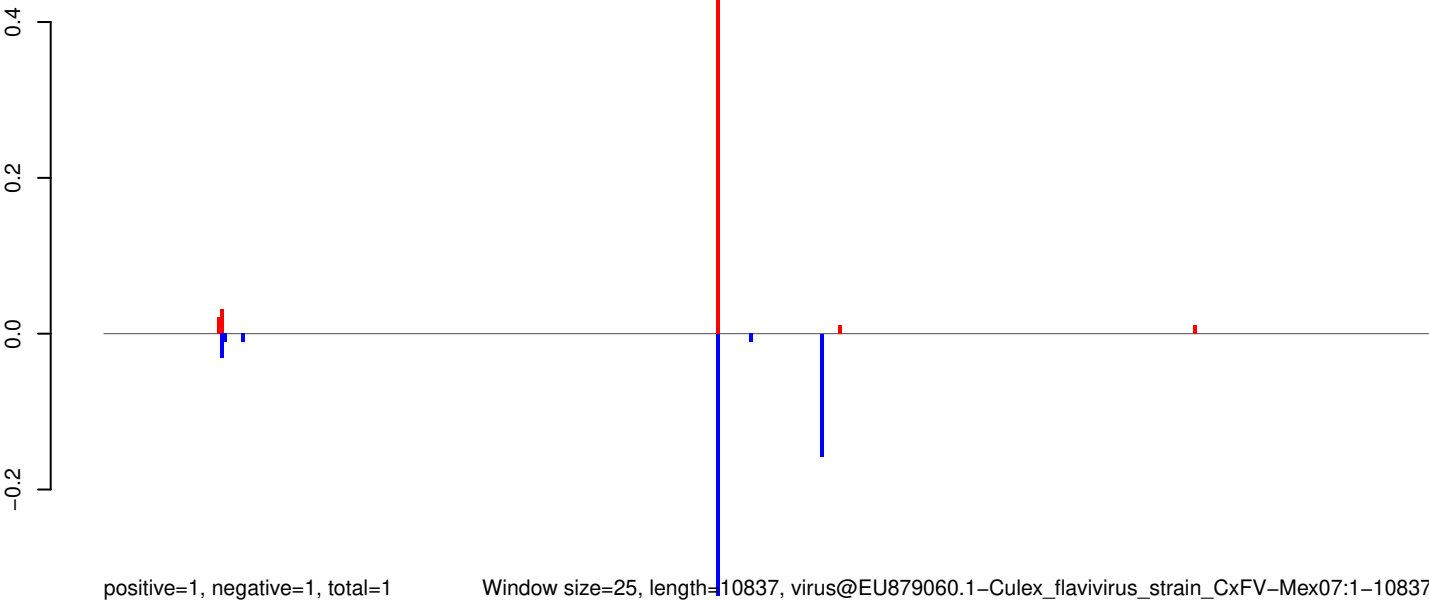
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



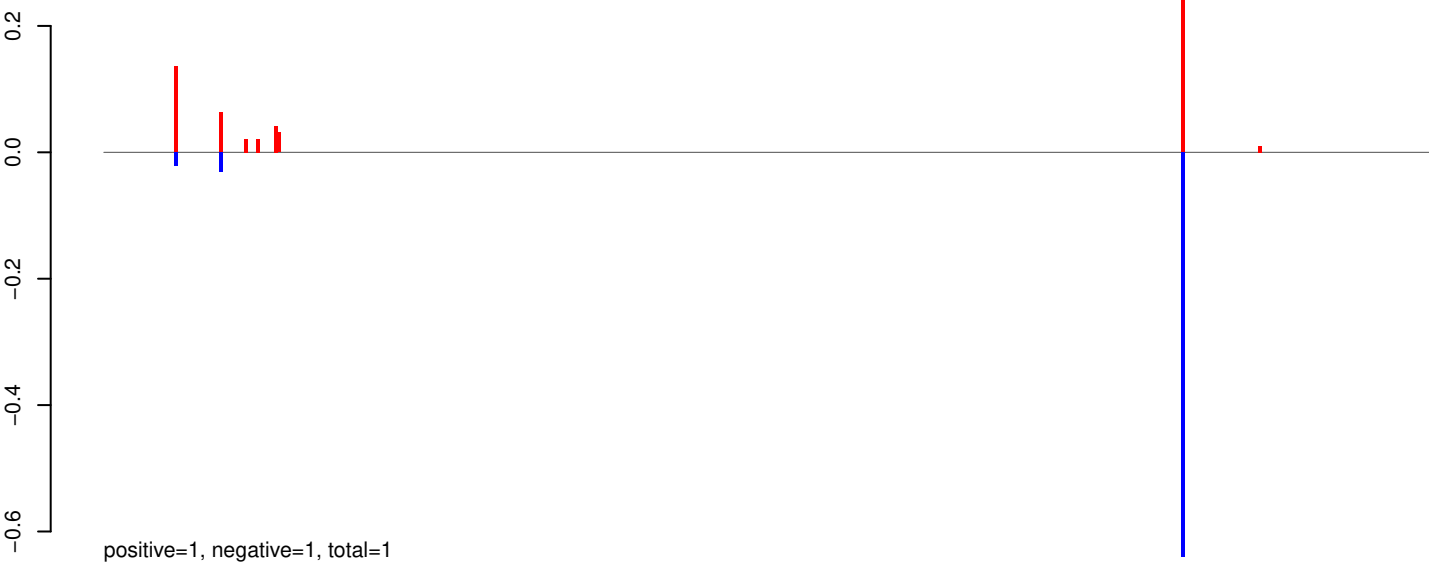
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



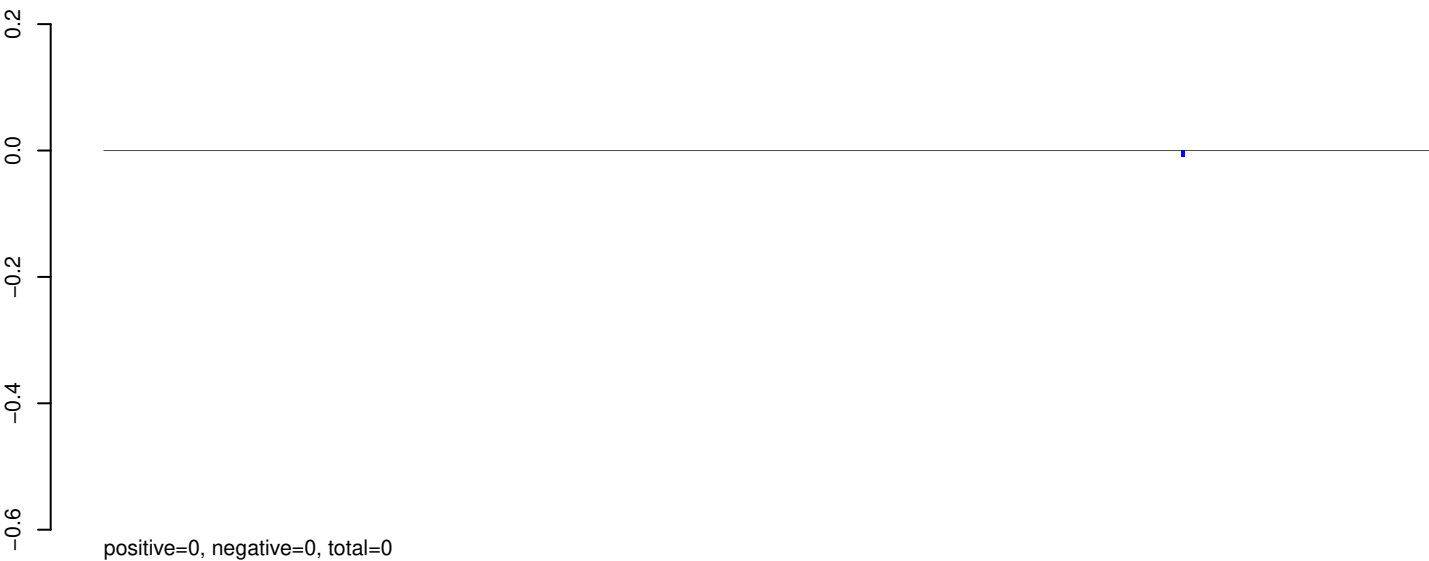
Window size=25, length=10837, virus@EU879060.1-Culex\_flavivirus\_strain\_CxFV-Mex07:1-10837

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

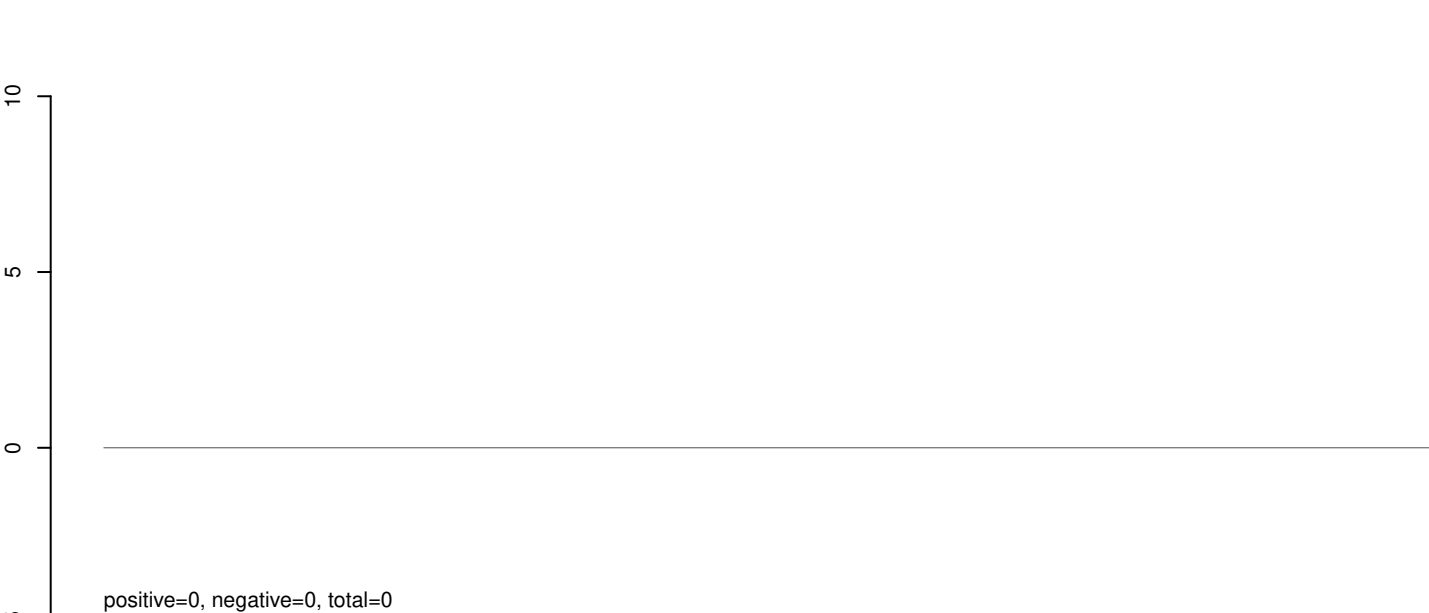


0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



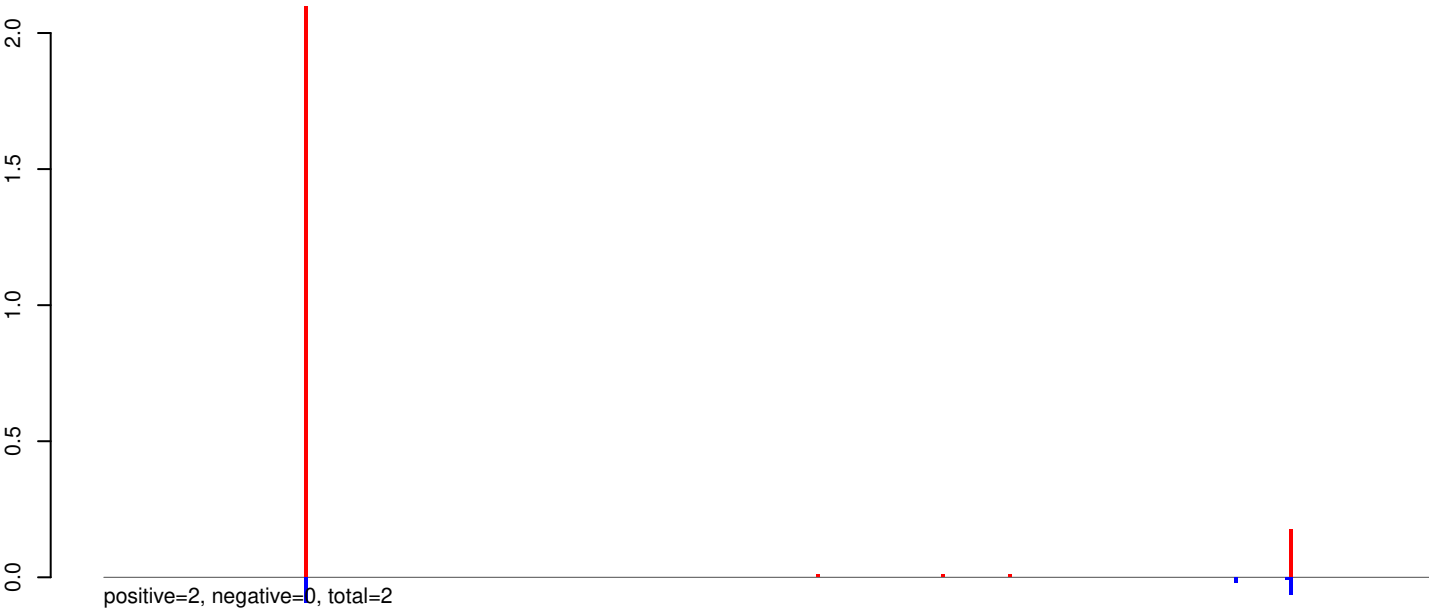
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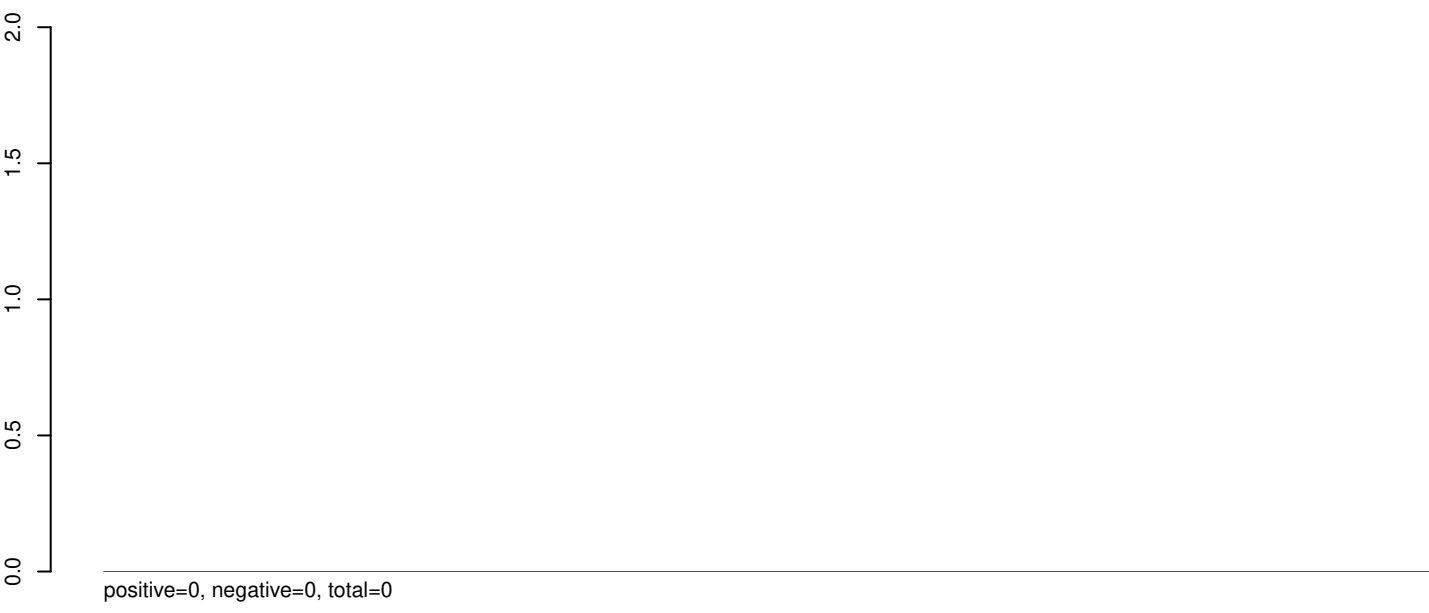
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

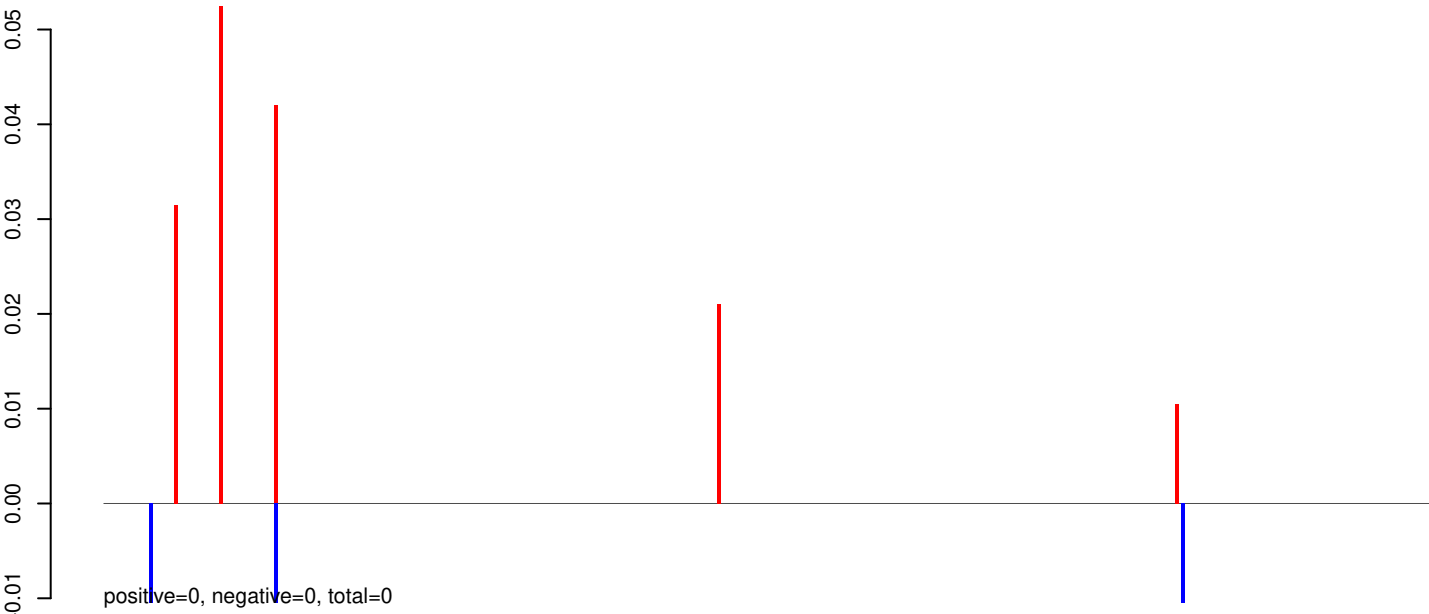


Window size=25, length=10878, virus@NC\_024299.2-Nienokoue\_virus\_isolate\_B51\_C1\_2004:1-10878

0 2000 4000 6000 8000 10000



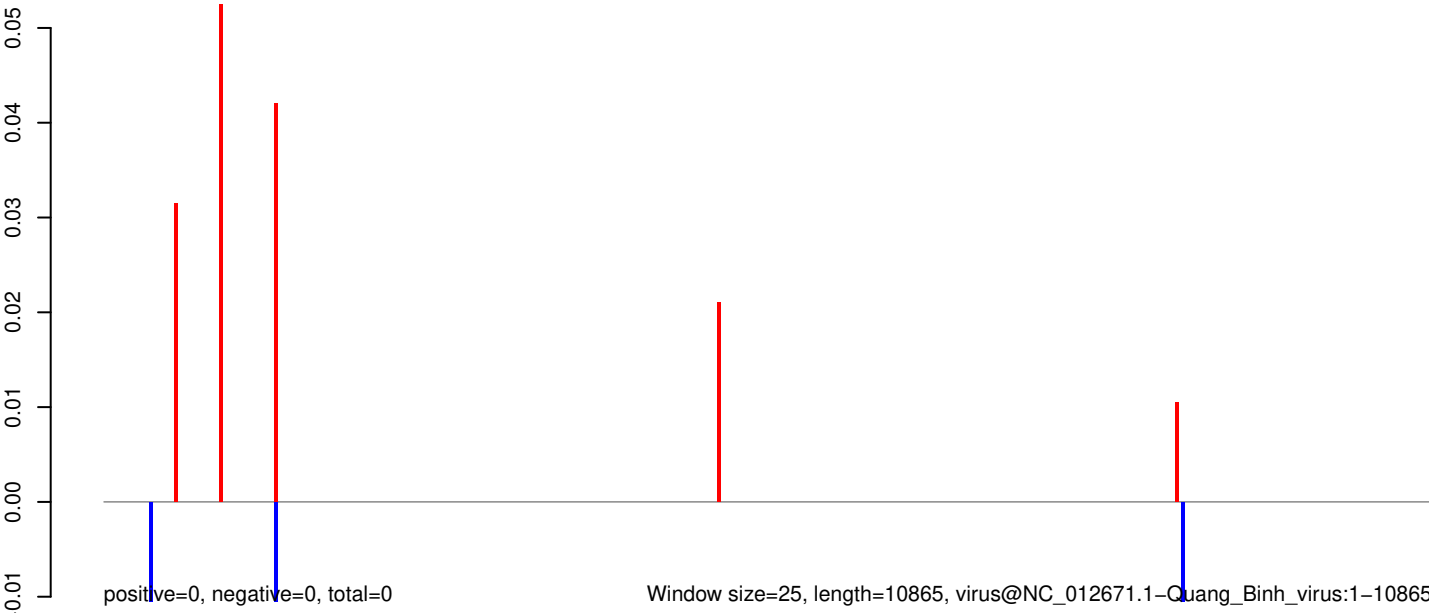
AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep



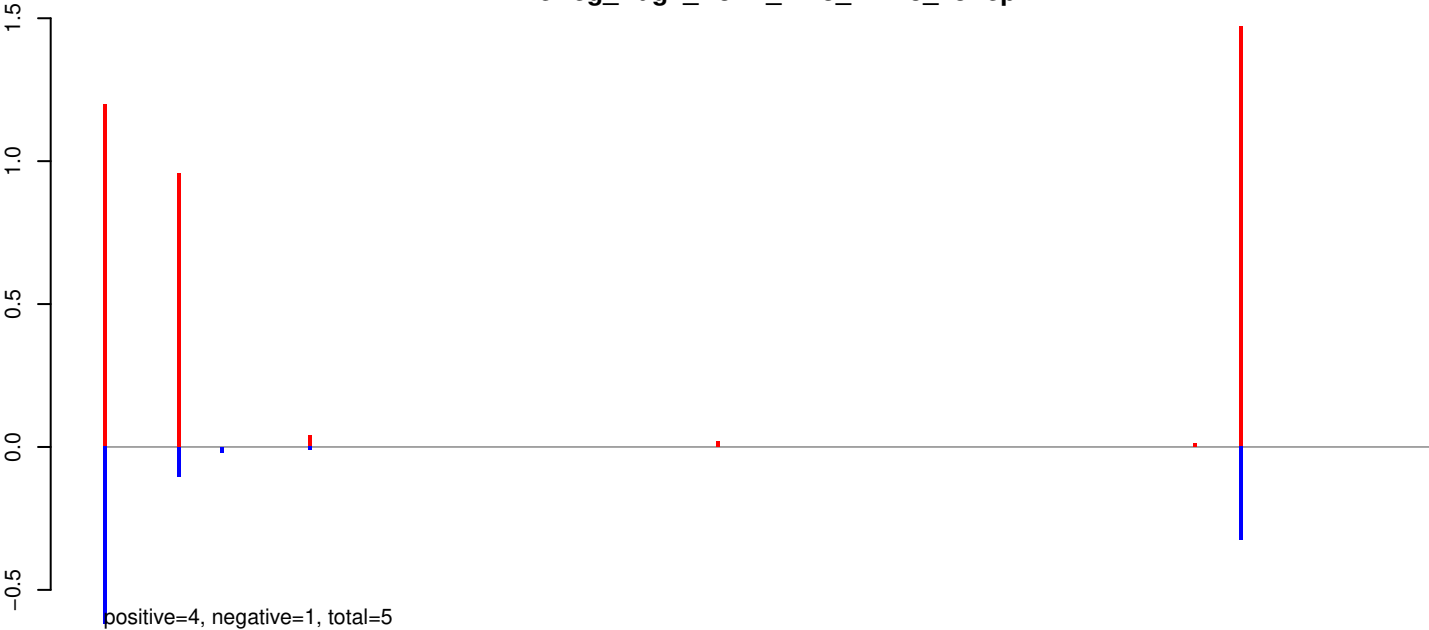
AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



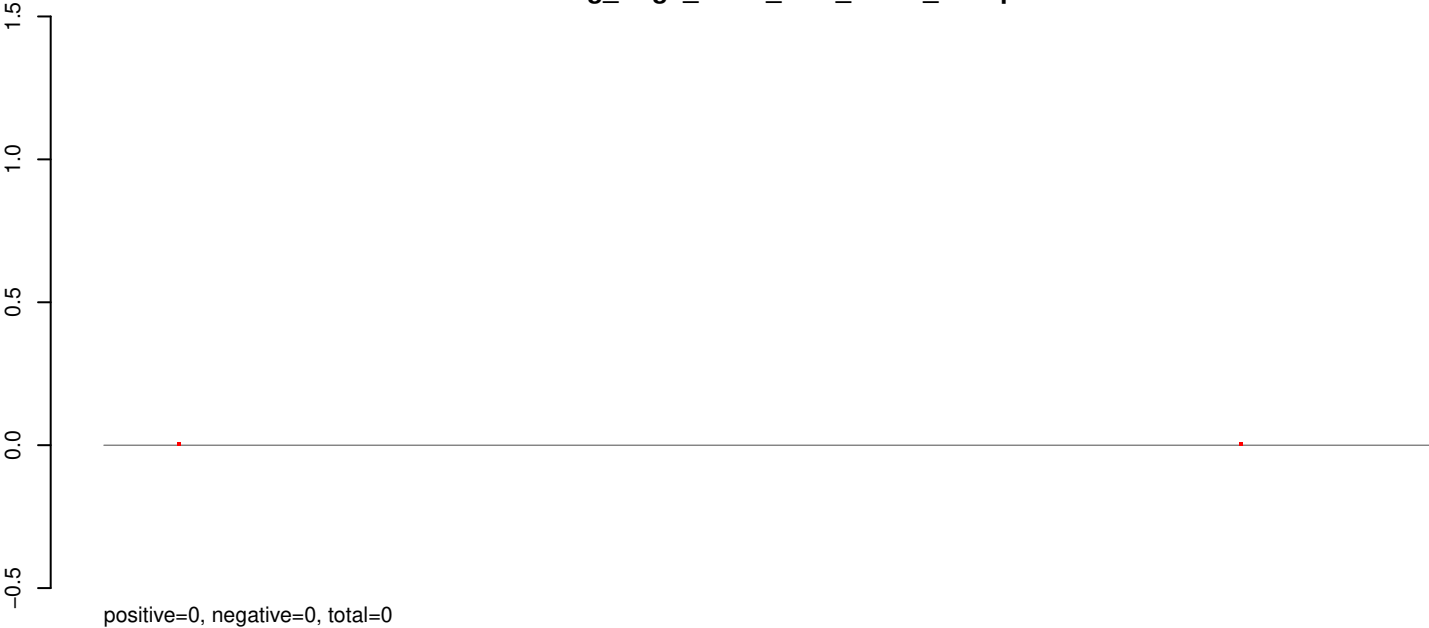
AeAeg\_Aag2\_R3D1\_r123\_ZA.rep



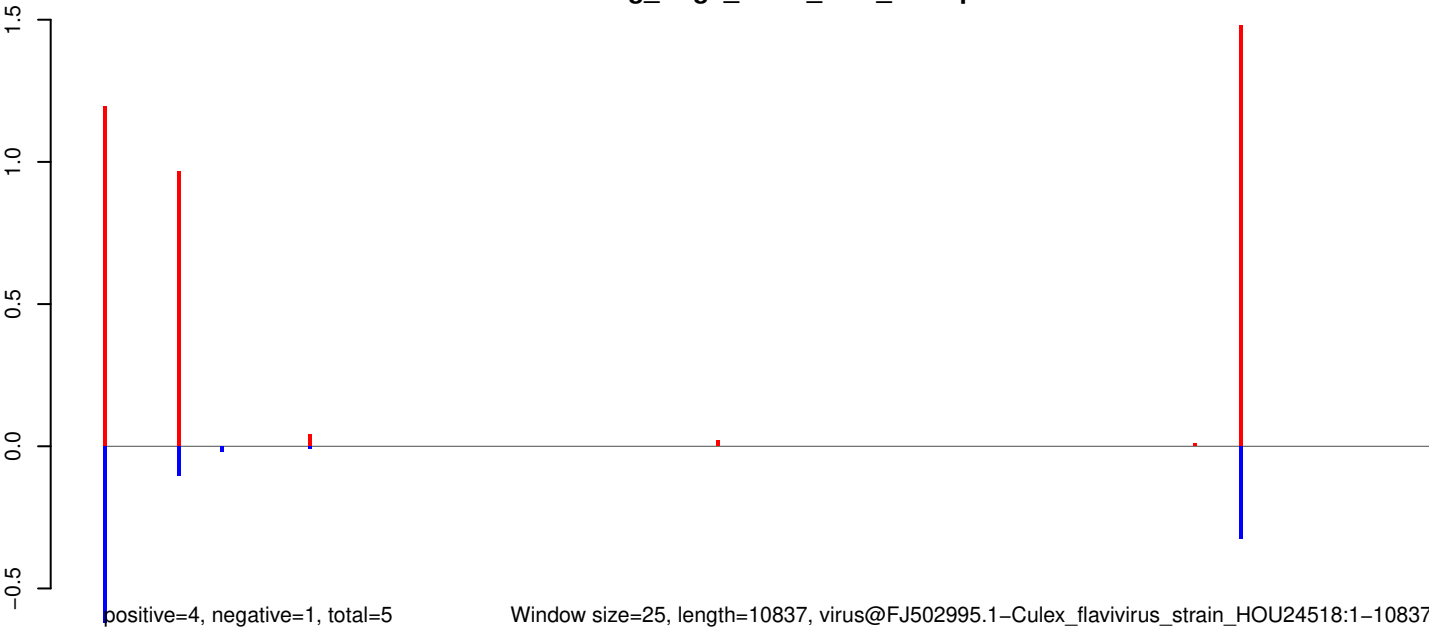
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



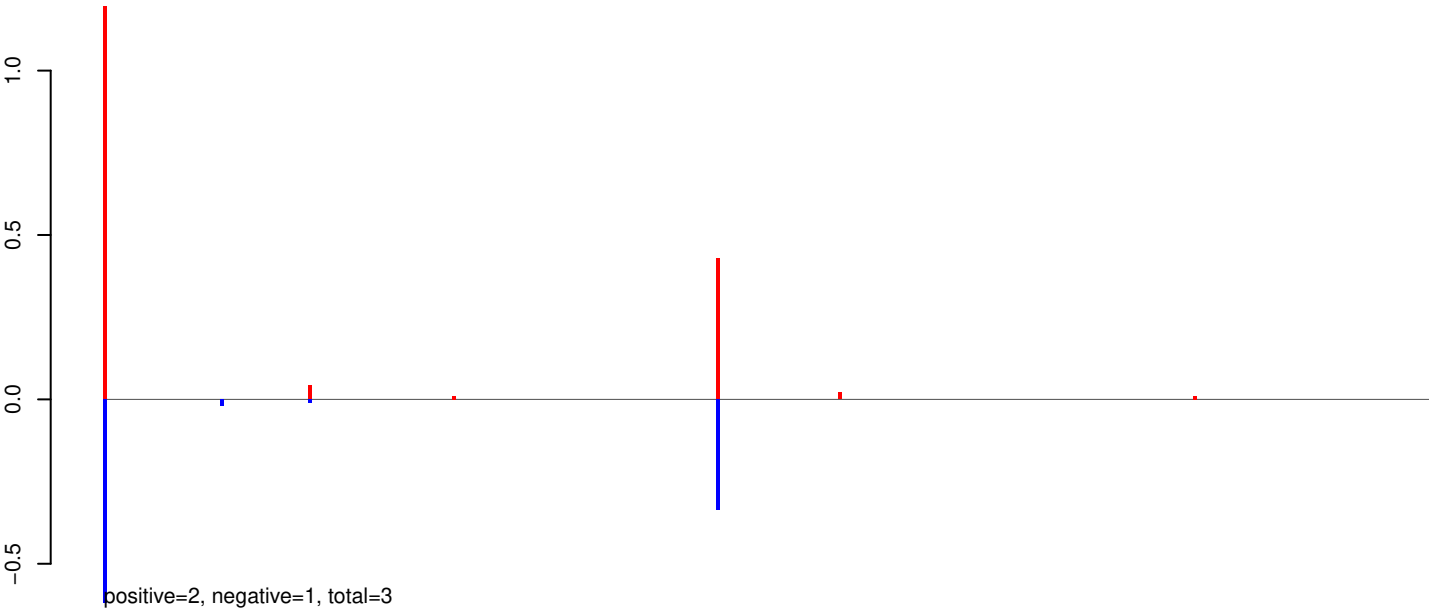
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



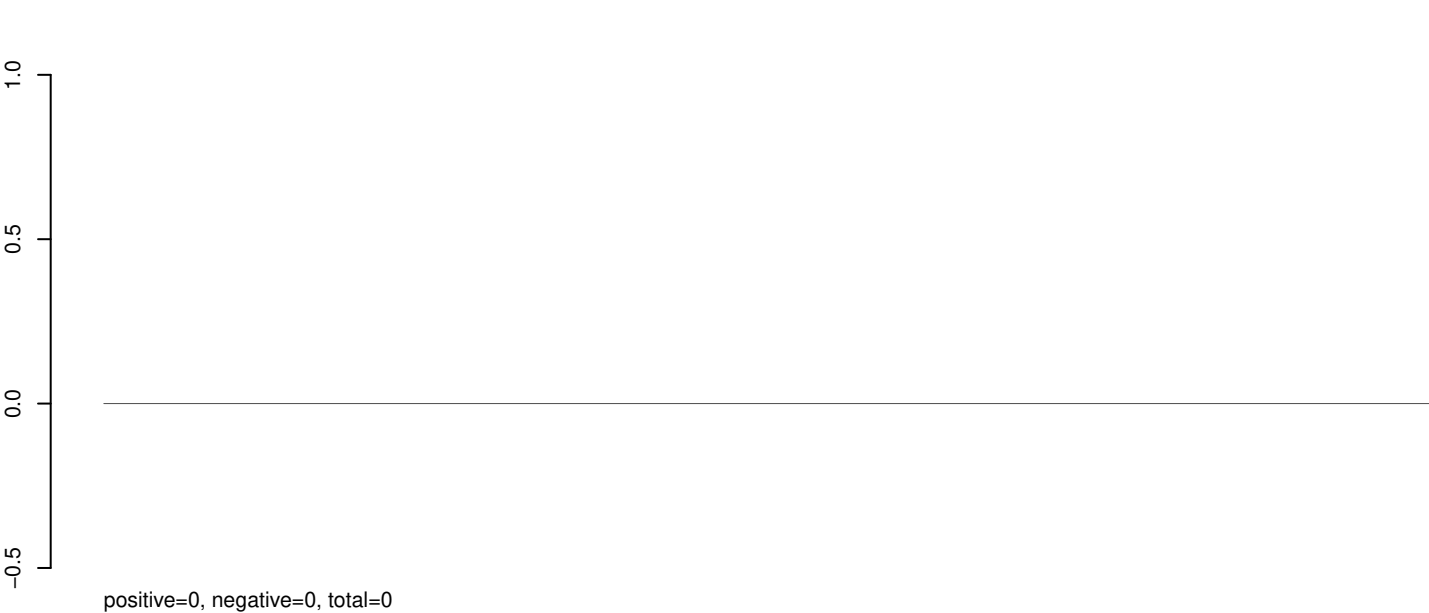
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



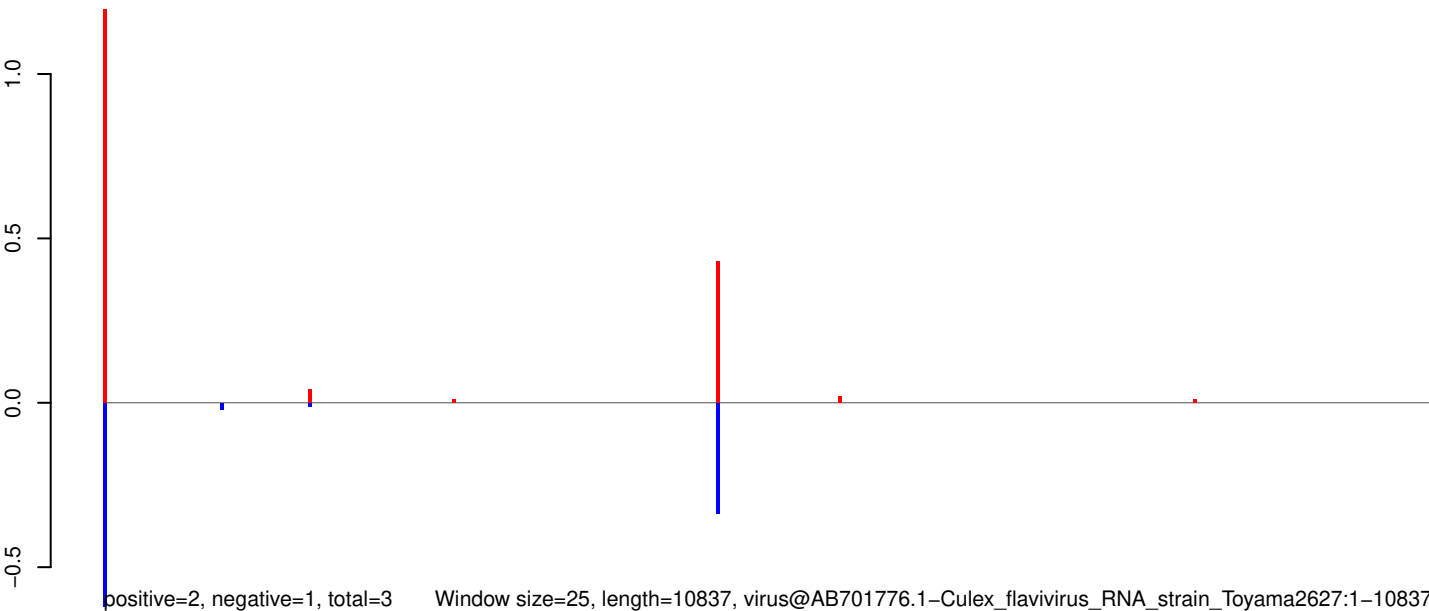
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

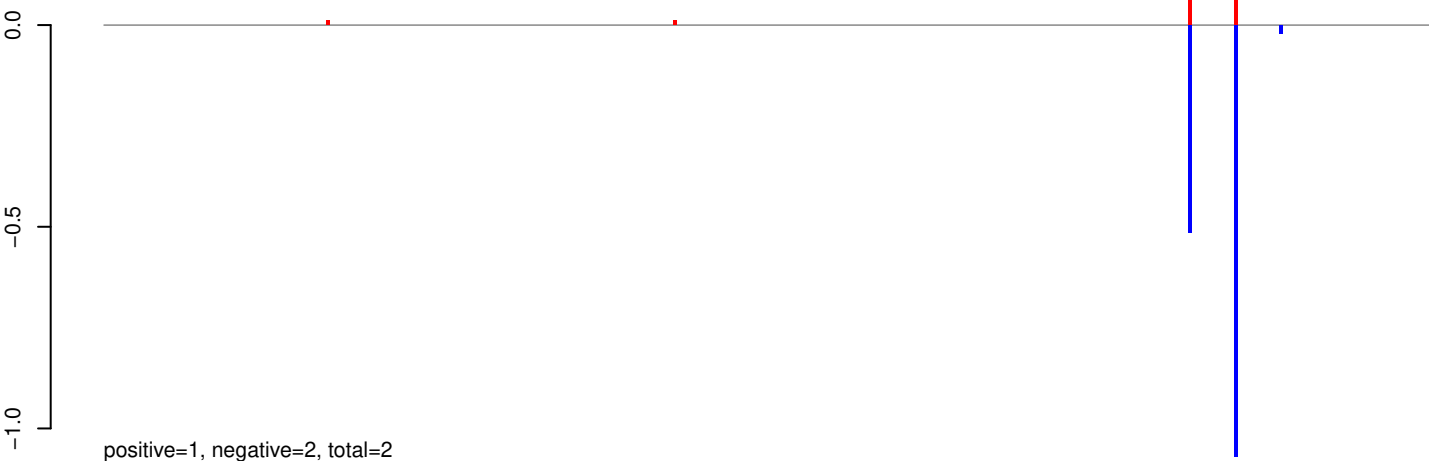


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

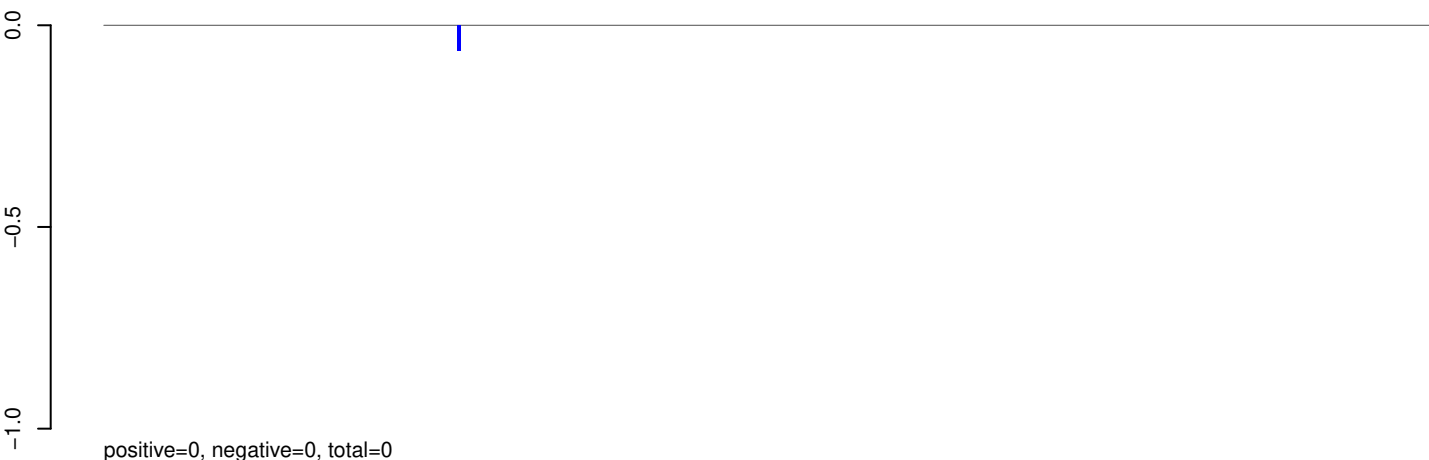


Window size=25, length=10837, virus@AB701776.1-Culex\_flavivirus\_RNA\_strain\_Toyama2627:1-10837

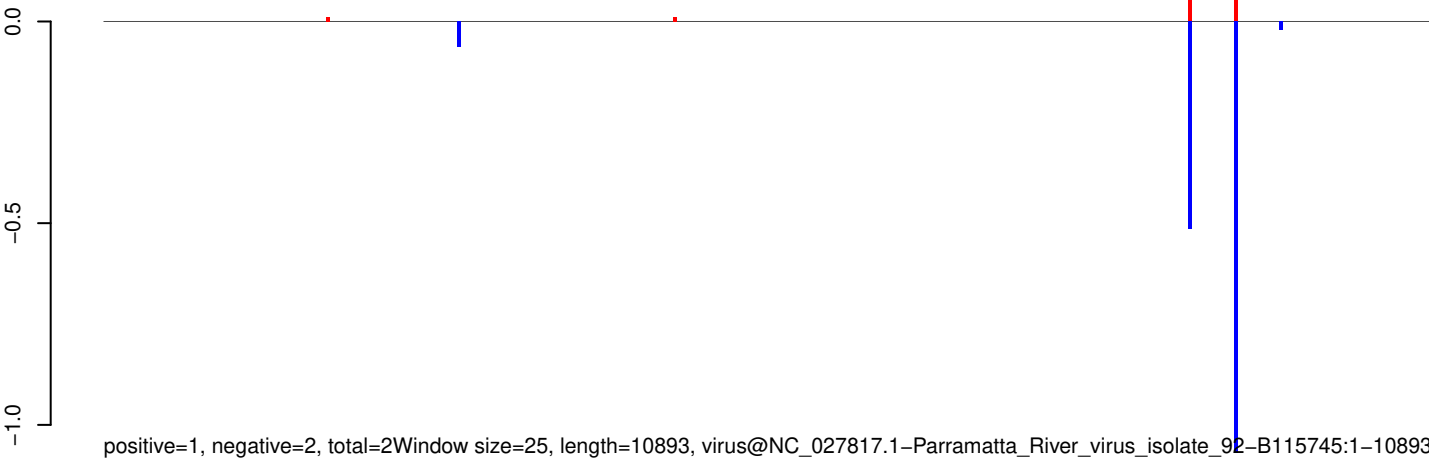
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

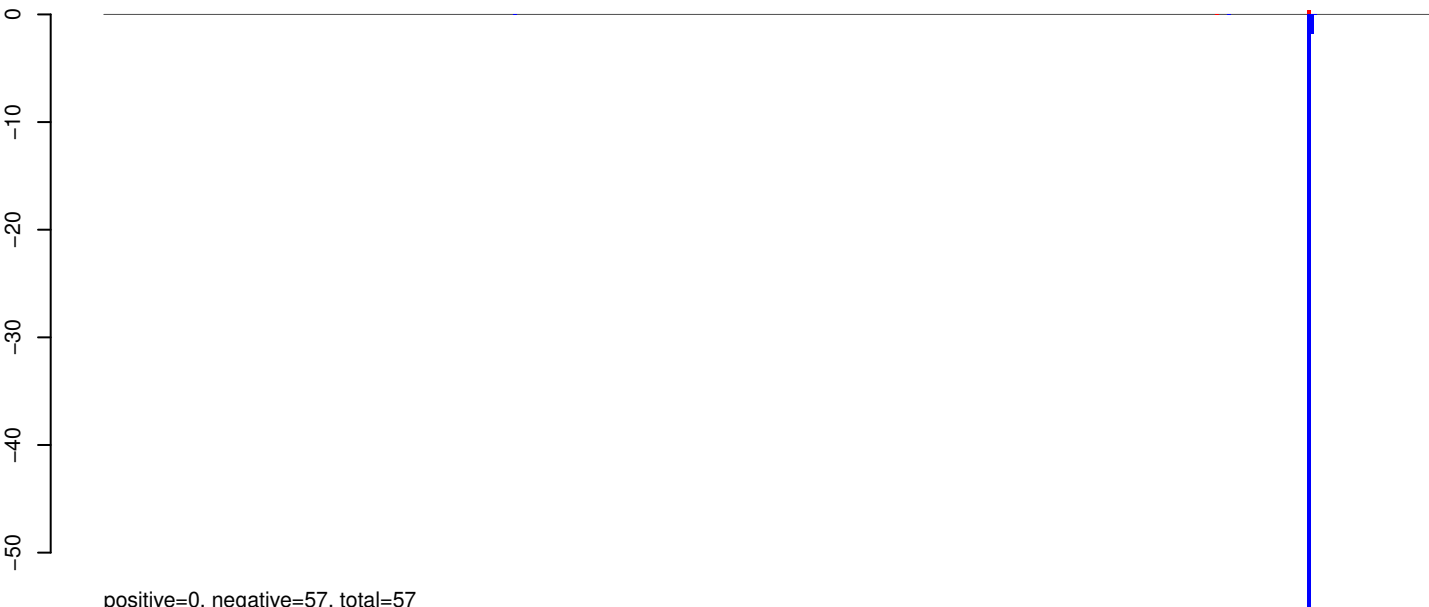


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



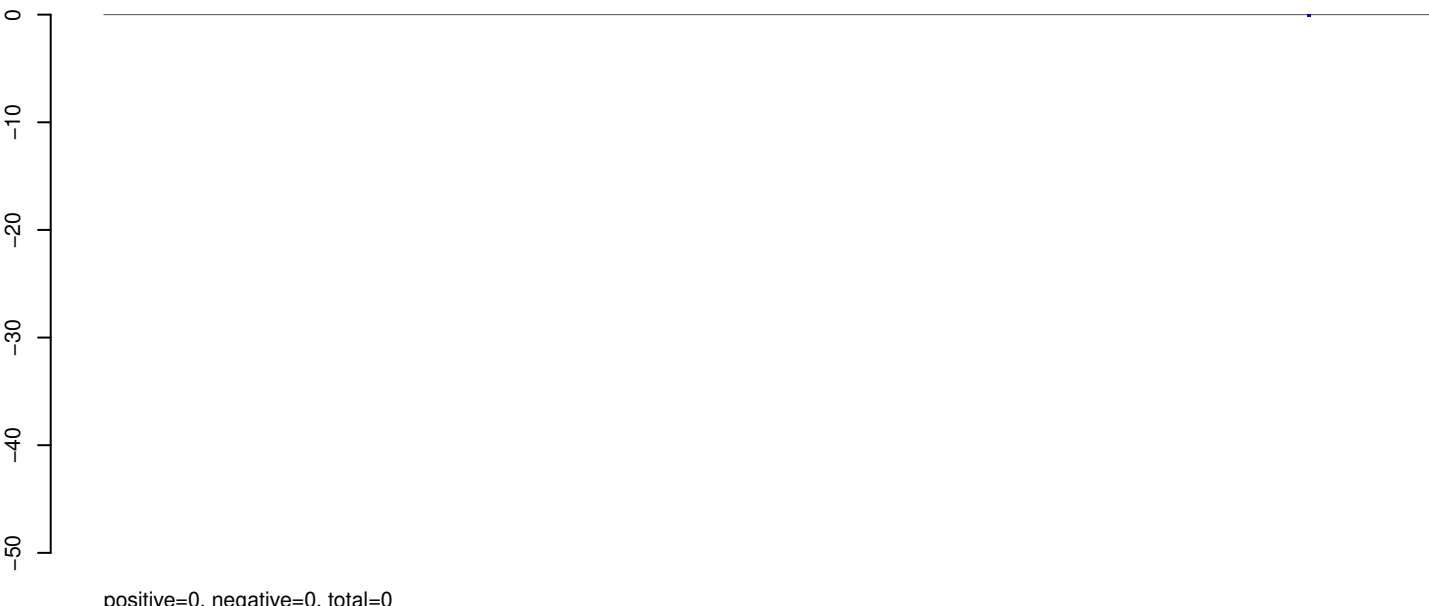
0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



positive=0, negative=57, total=57

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

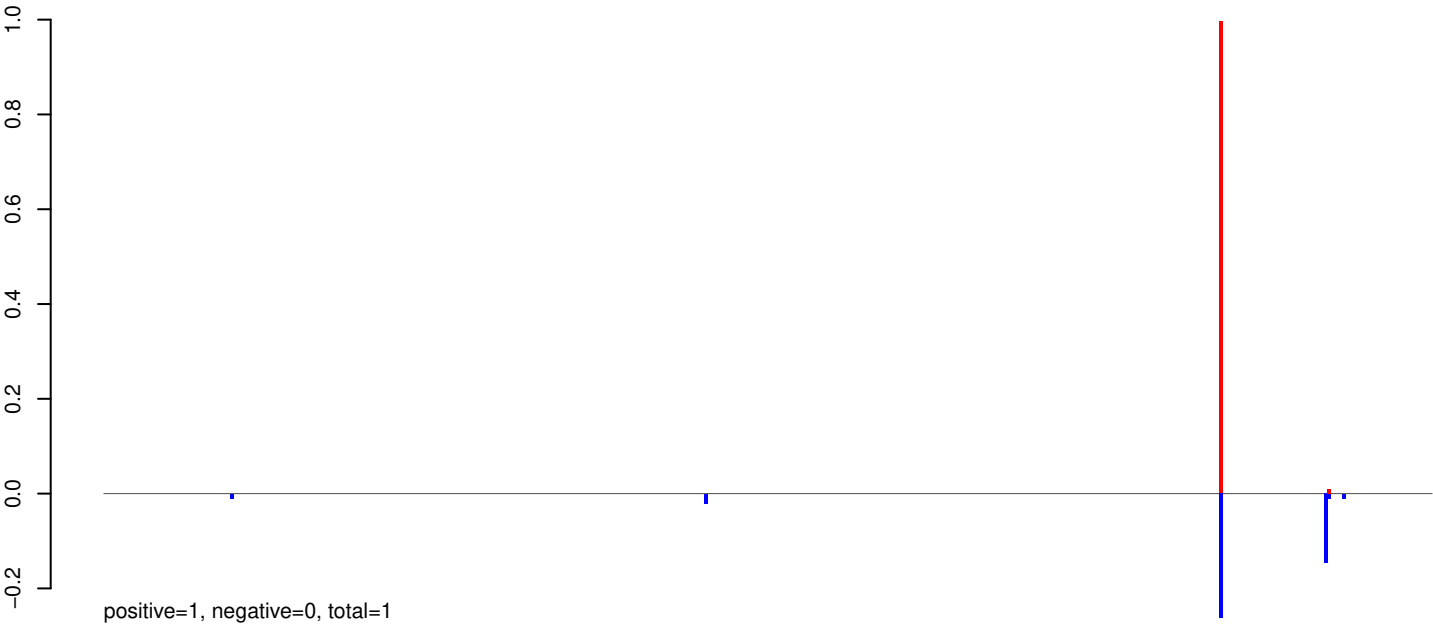


positive=0, negative=57, total=58

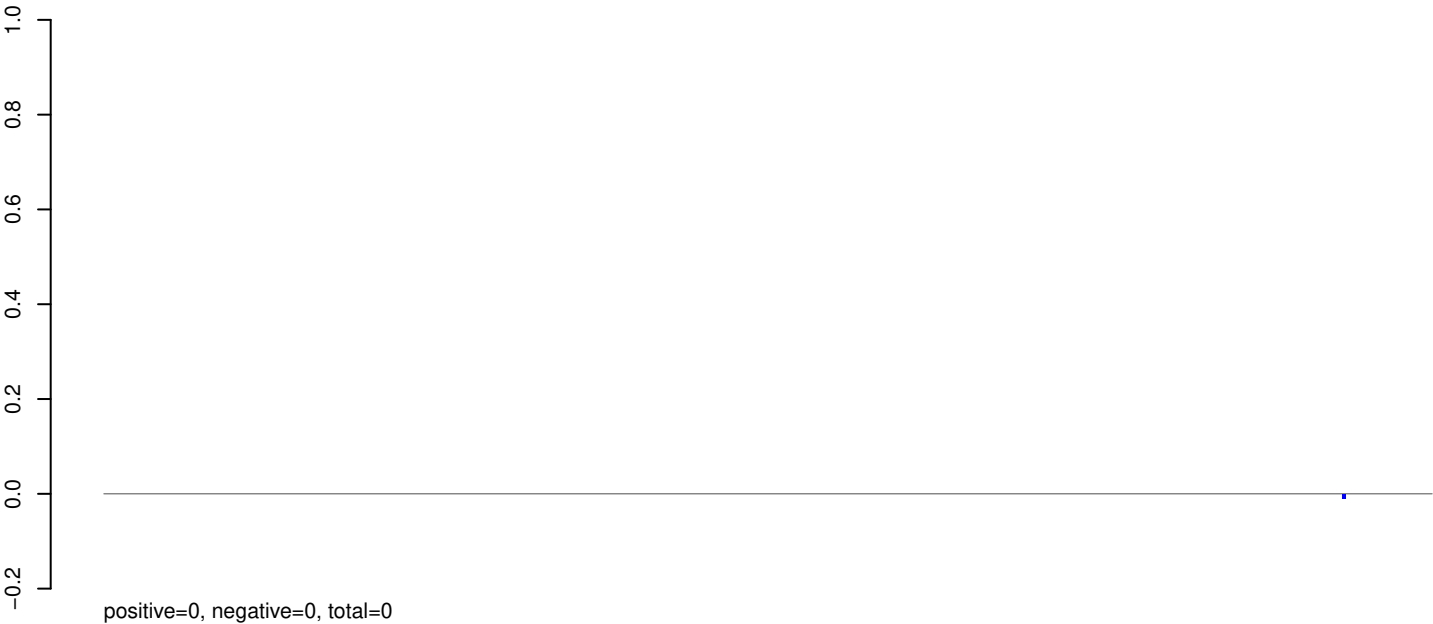
Window size=25, length=10874, virus@NC\_009029.2-Kokobera\_virus:1-10874



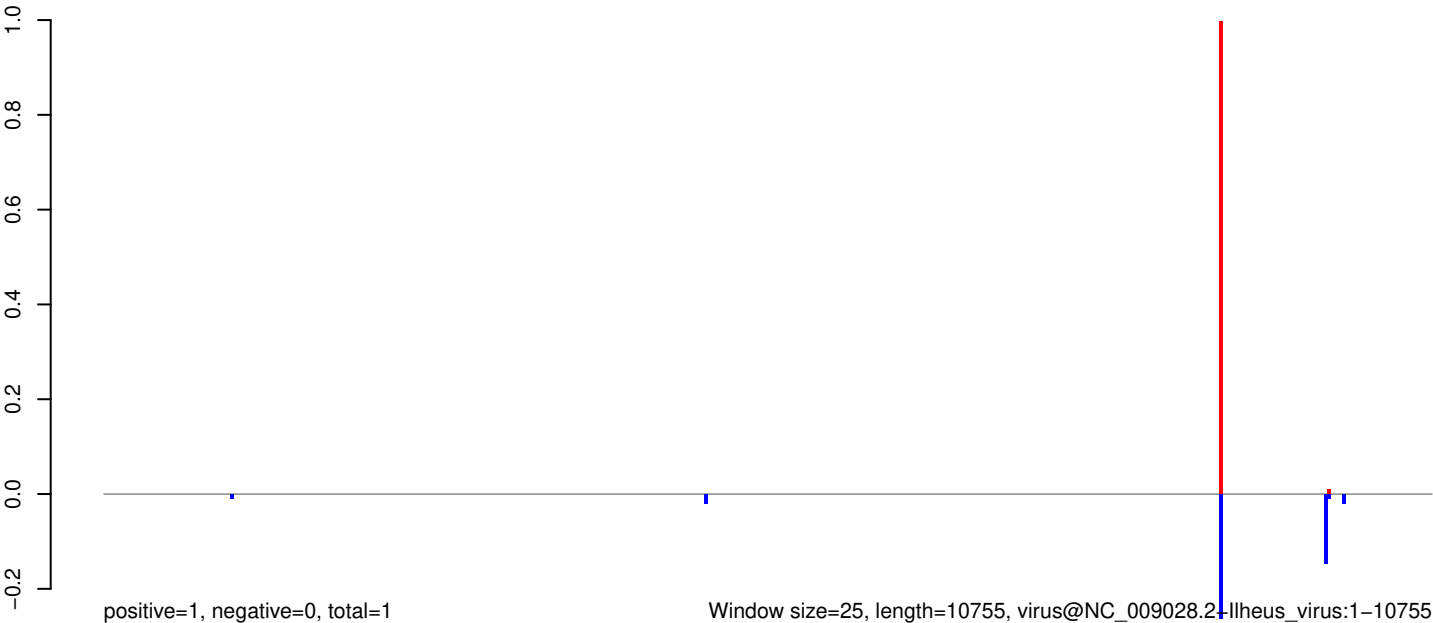
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



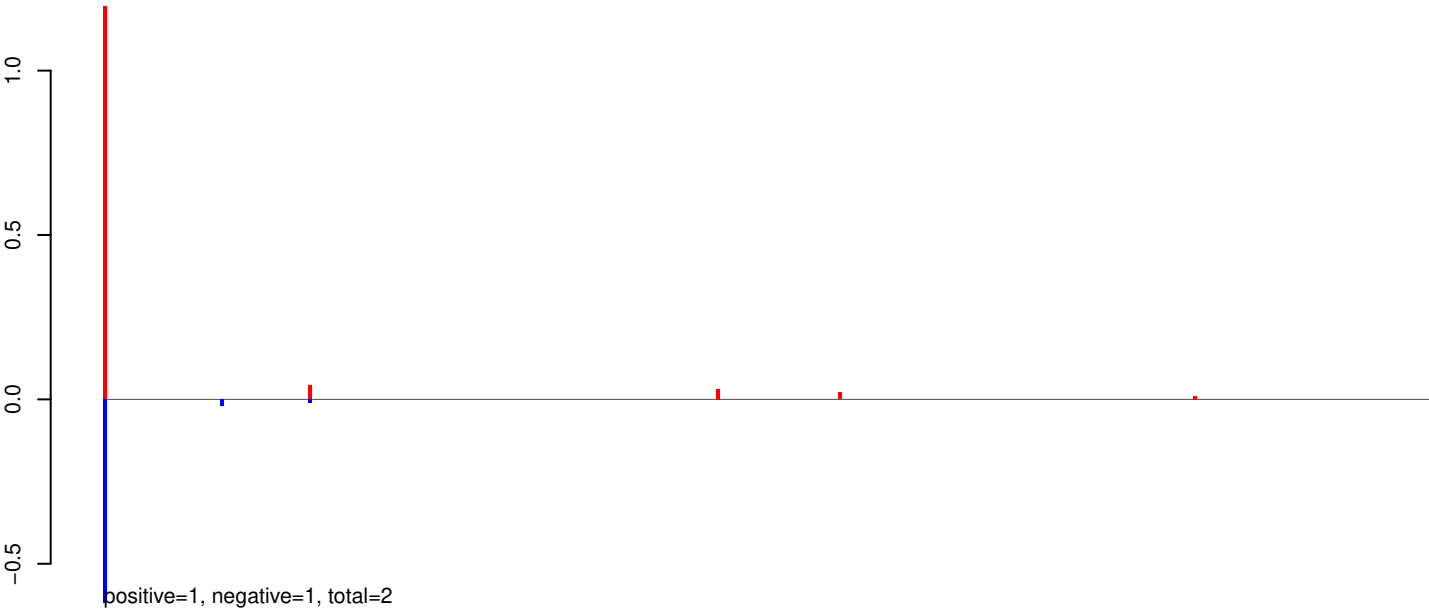
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



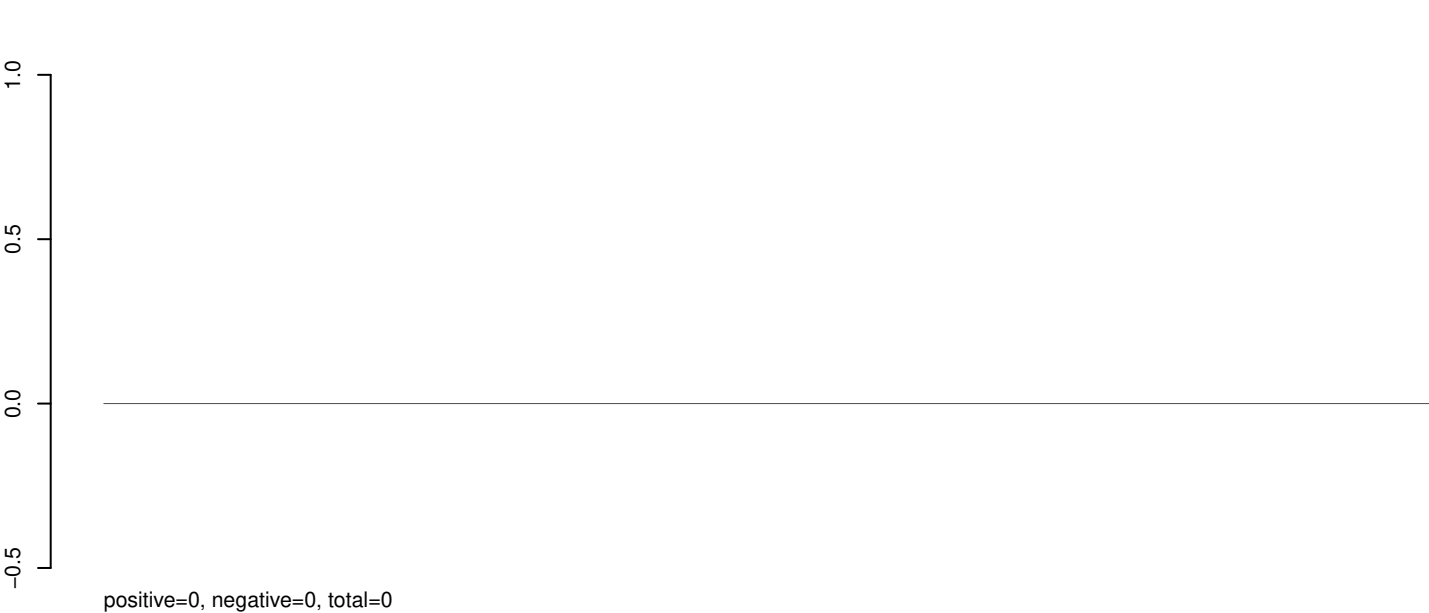
Window size=25, length=10755, virus@NC\_009028.2-Ilheus\_virus:1-10755

0 2000 4000 6000 8000 10000

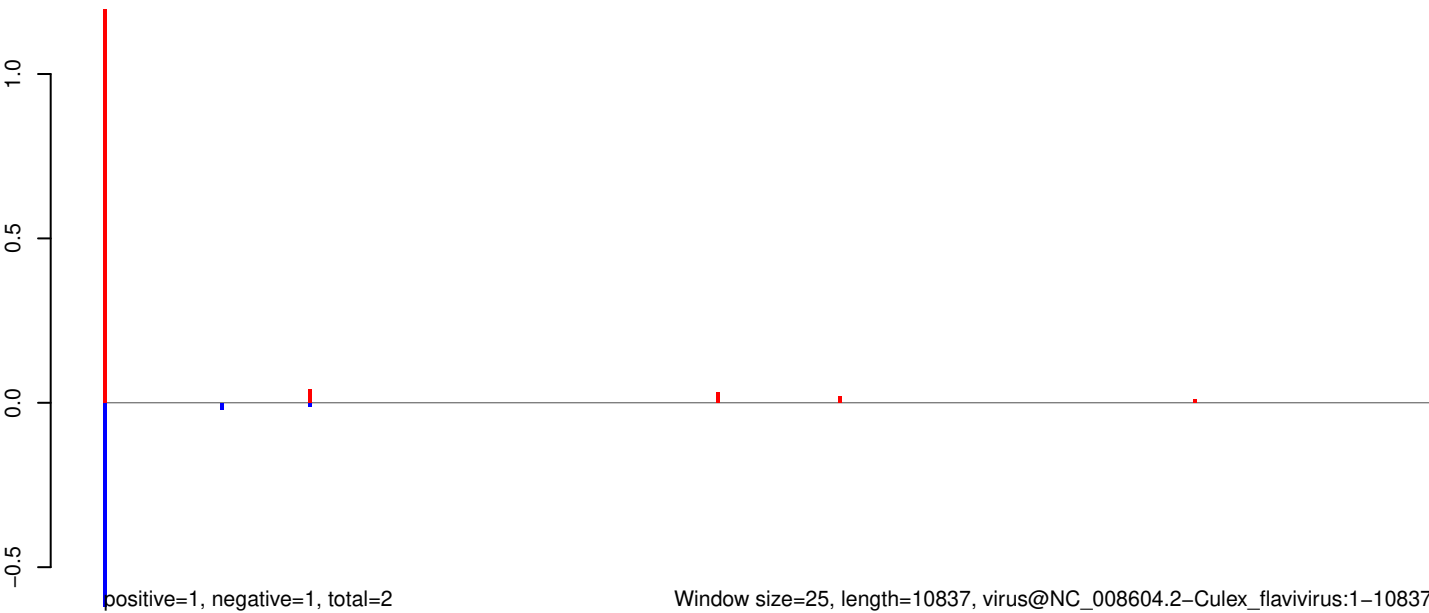
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



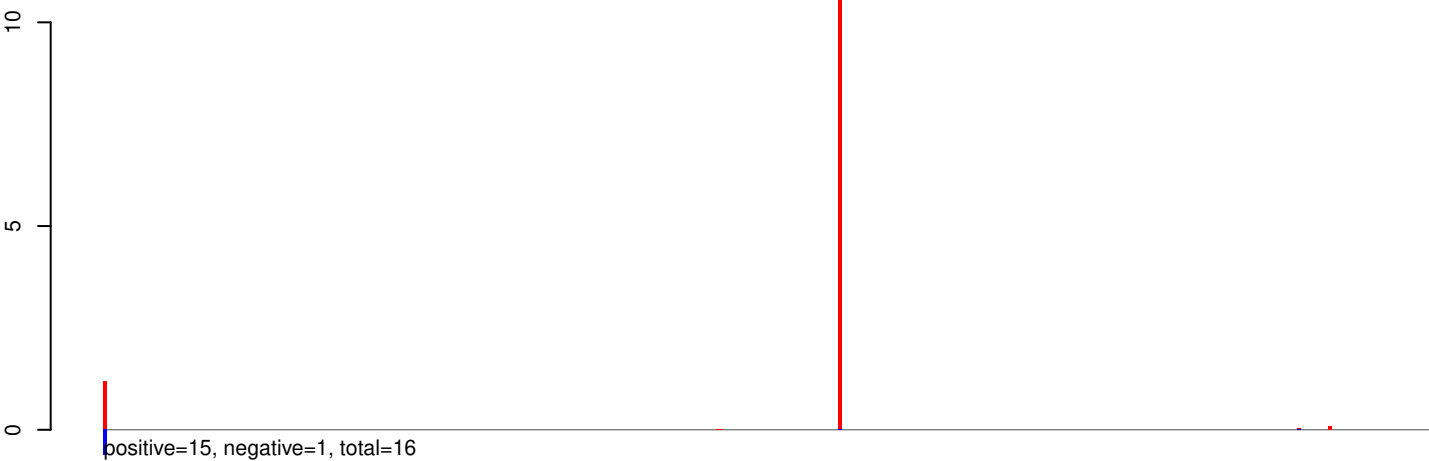
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



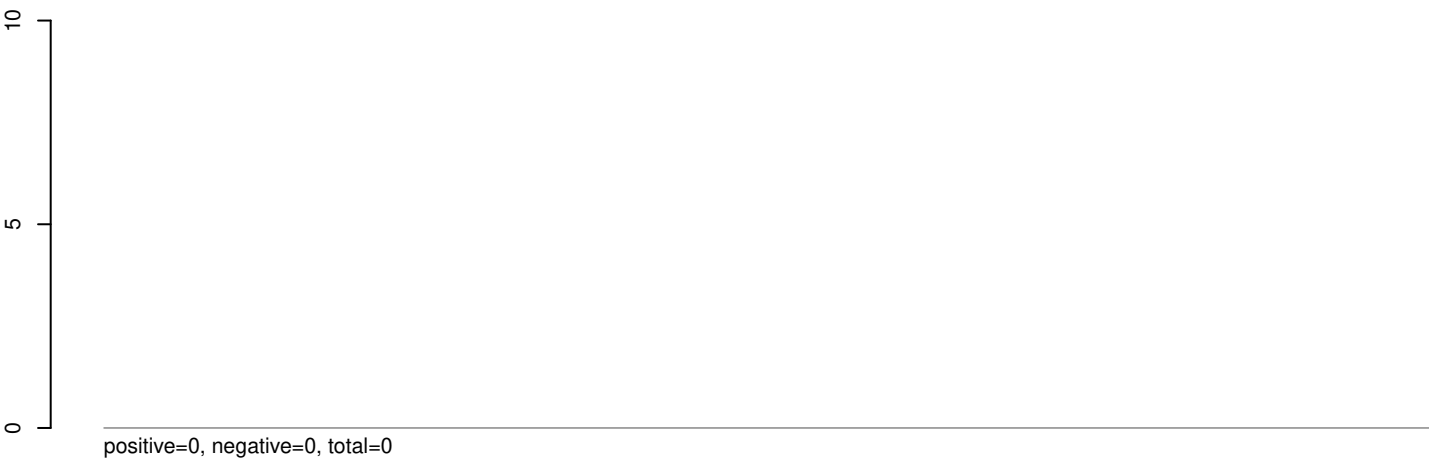
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



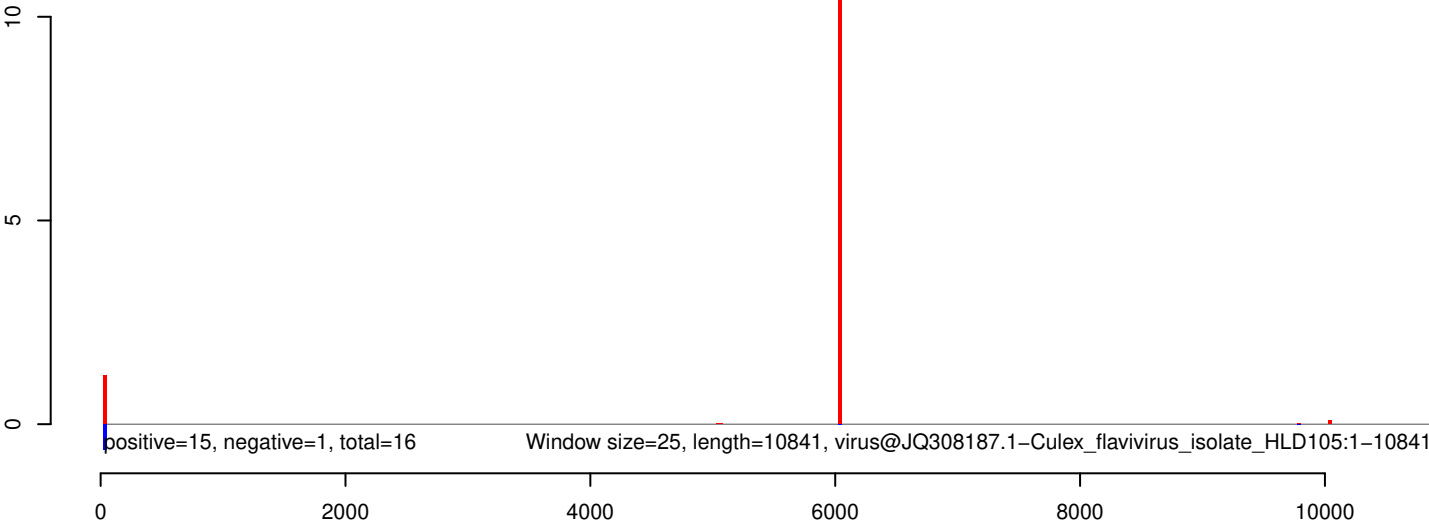
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

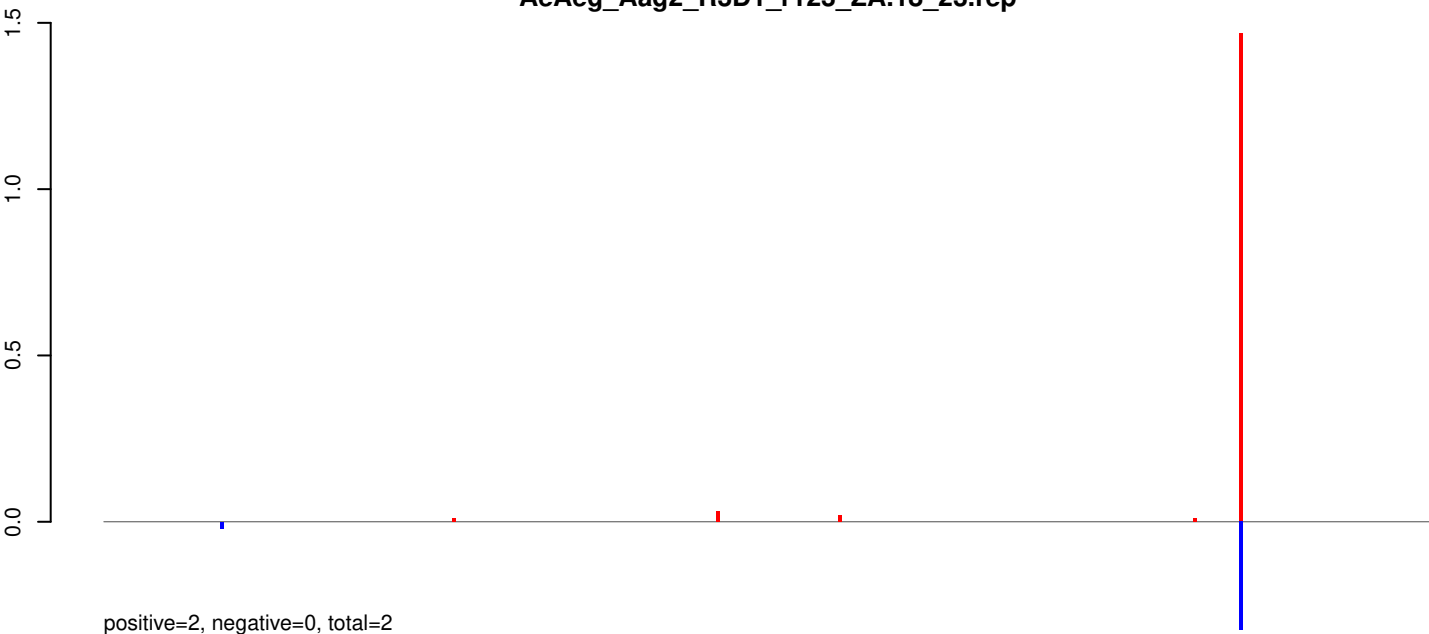


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



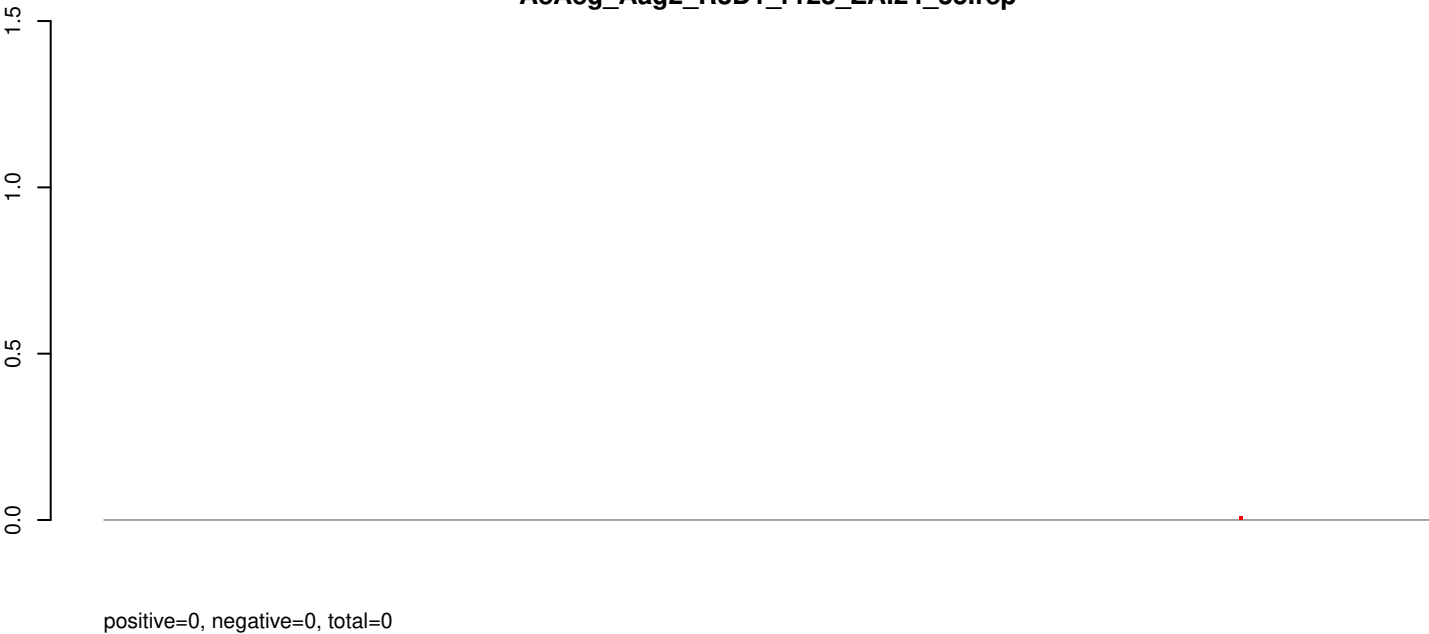


**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



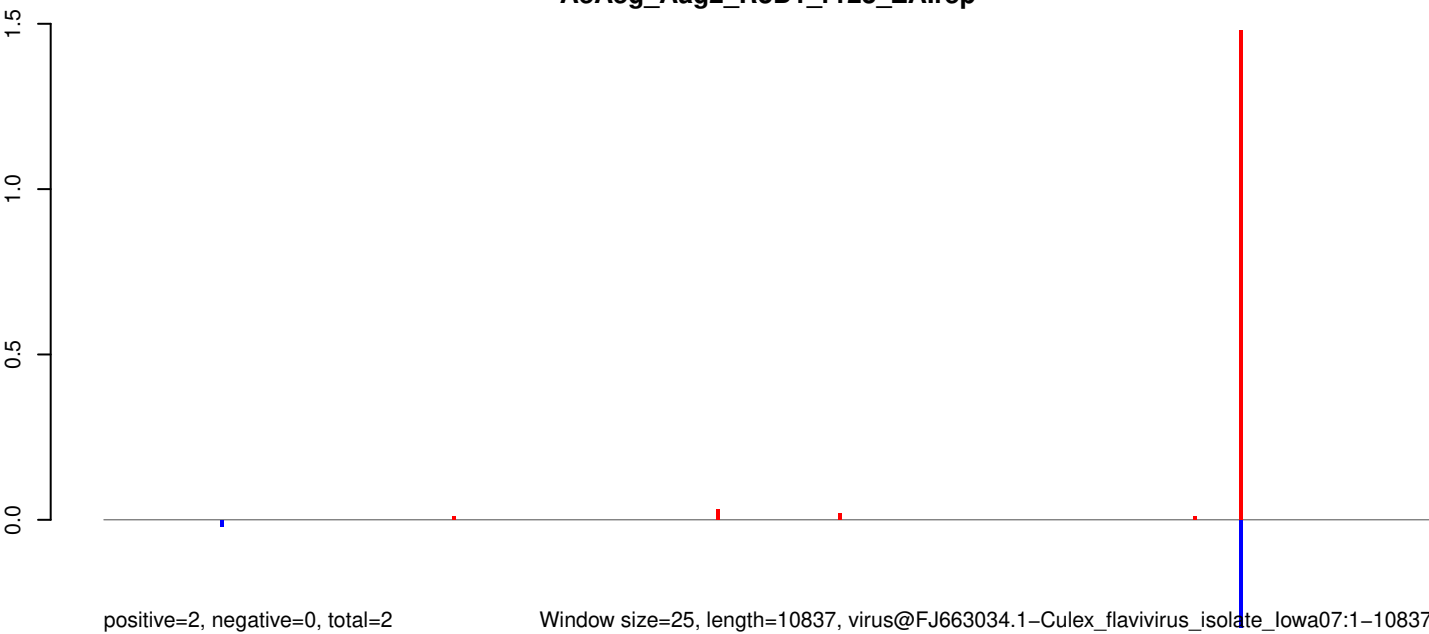
positive=2, negative=0, total=2

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

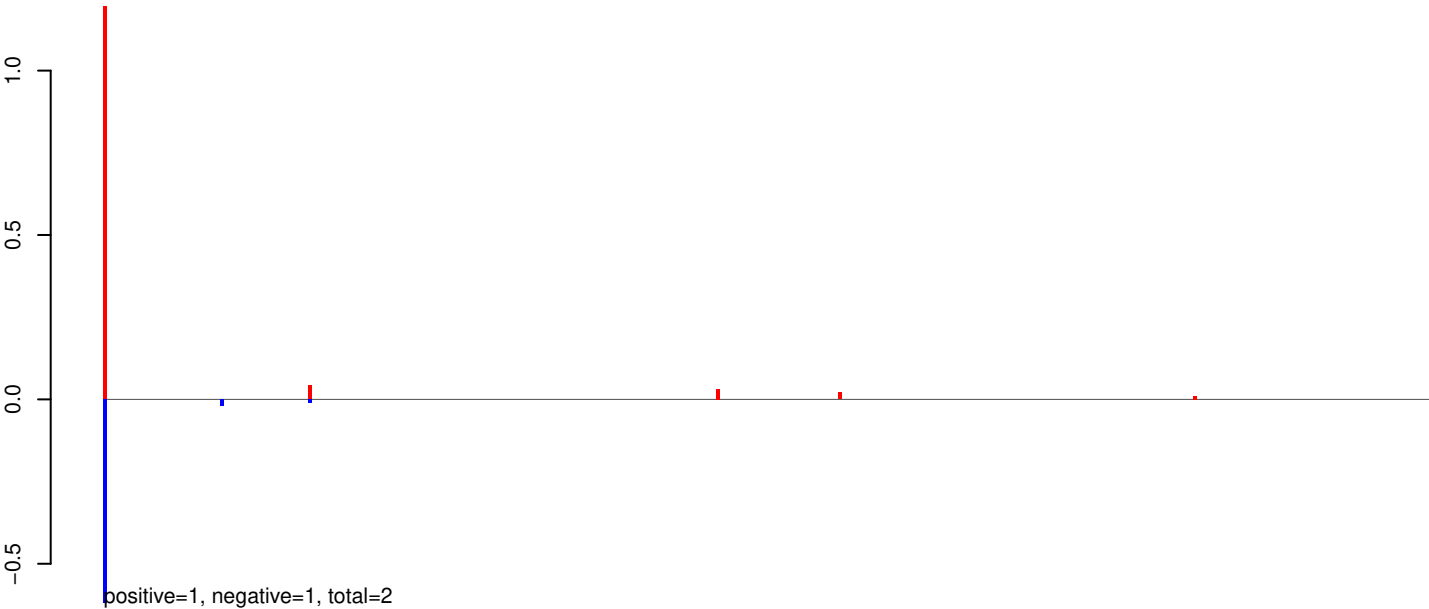


positive=2, negative=0, total=2

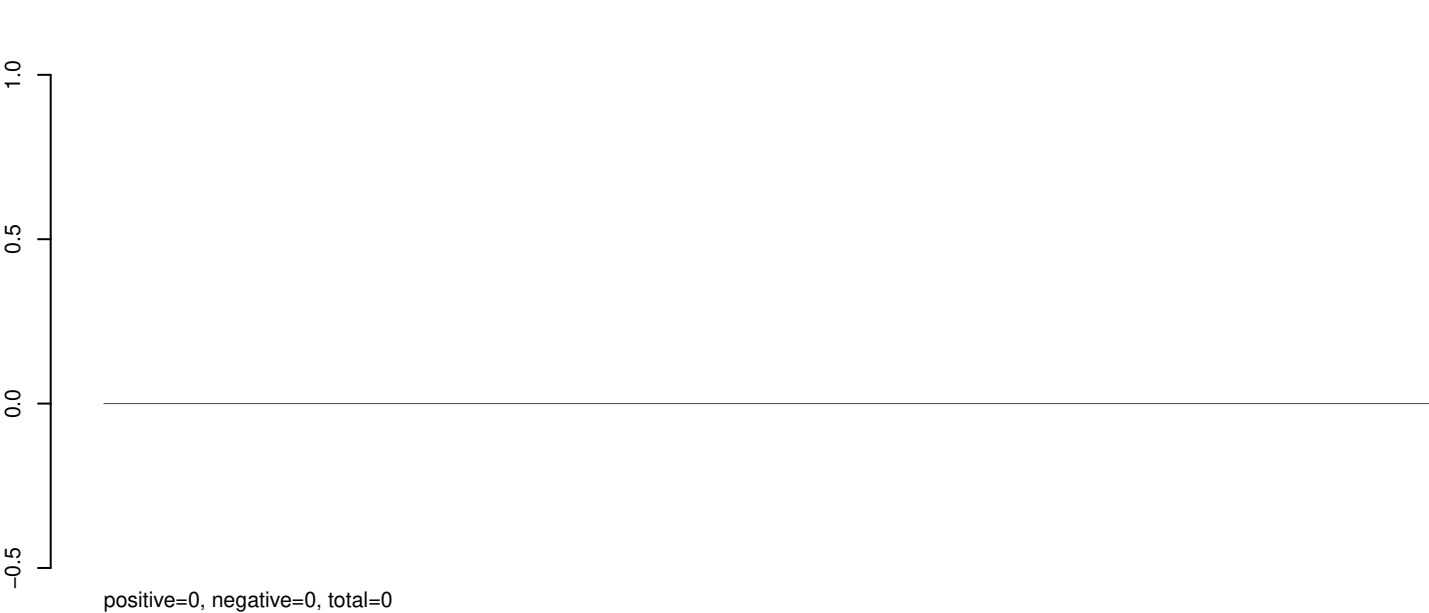
Window size=25, length=10837, virus@FJ663034.1-Culex\_flavivirus\_isolate\_lowa07:1-10837

0 2000 4000 6000 8000 10000

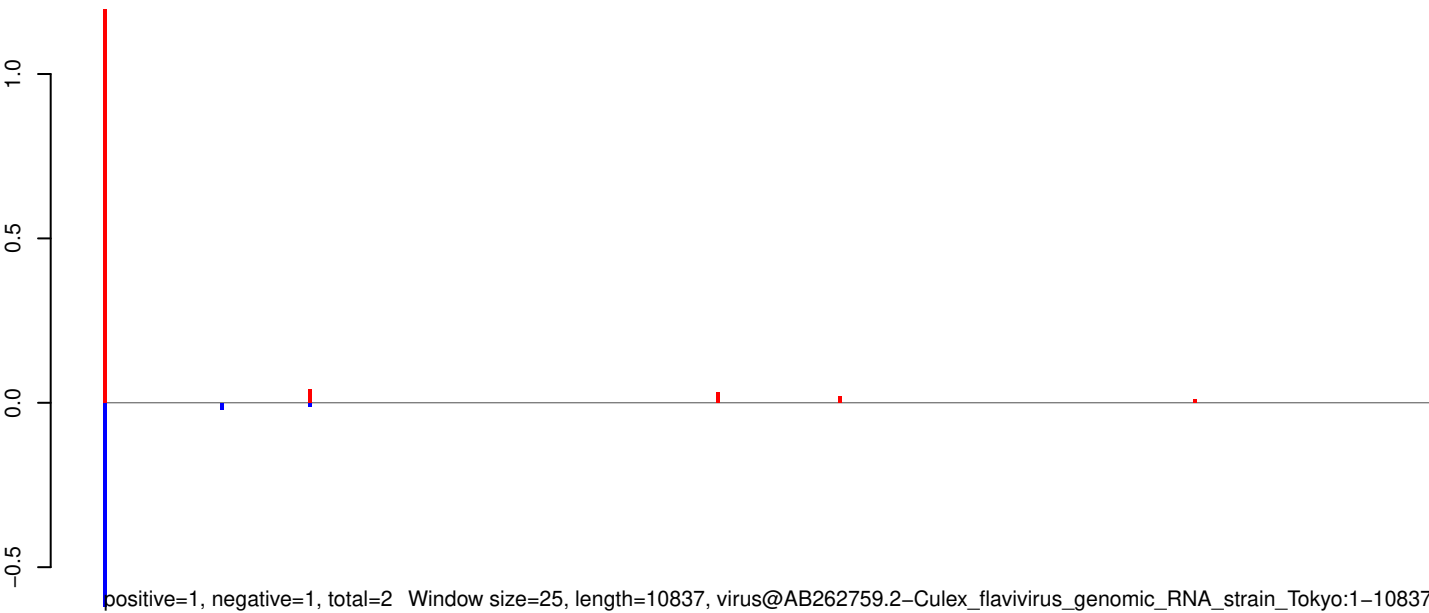
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



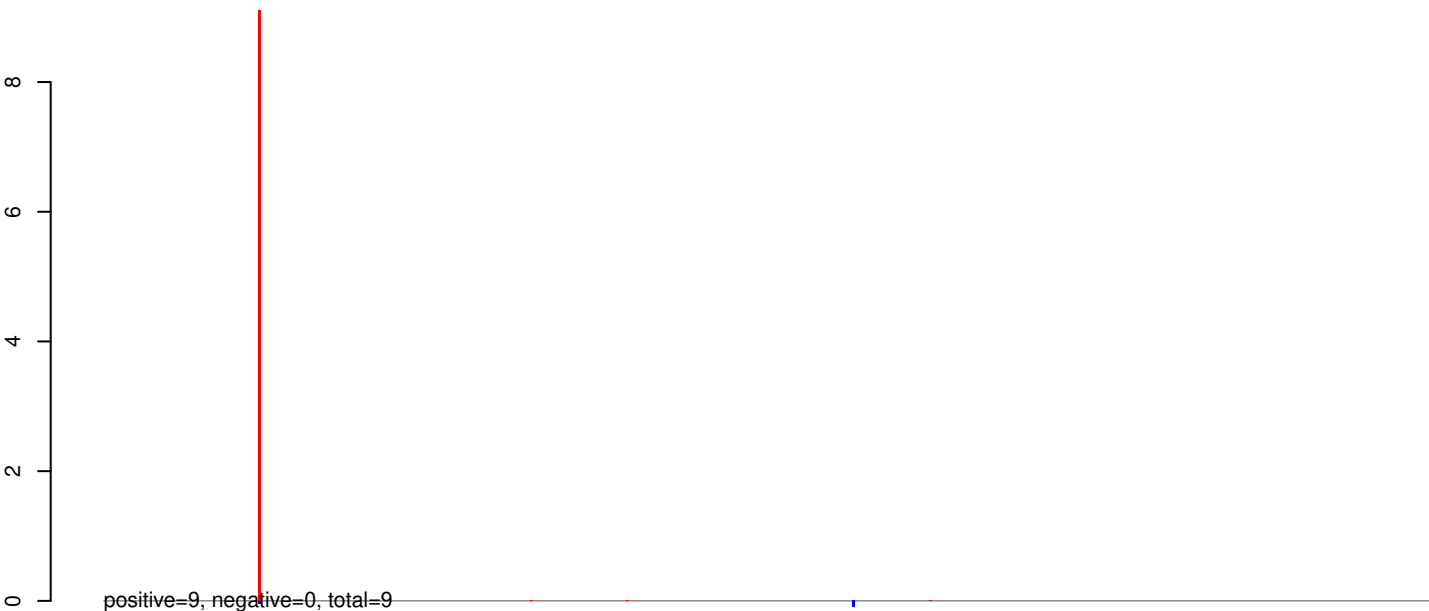
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



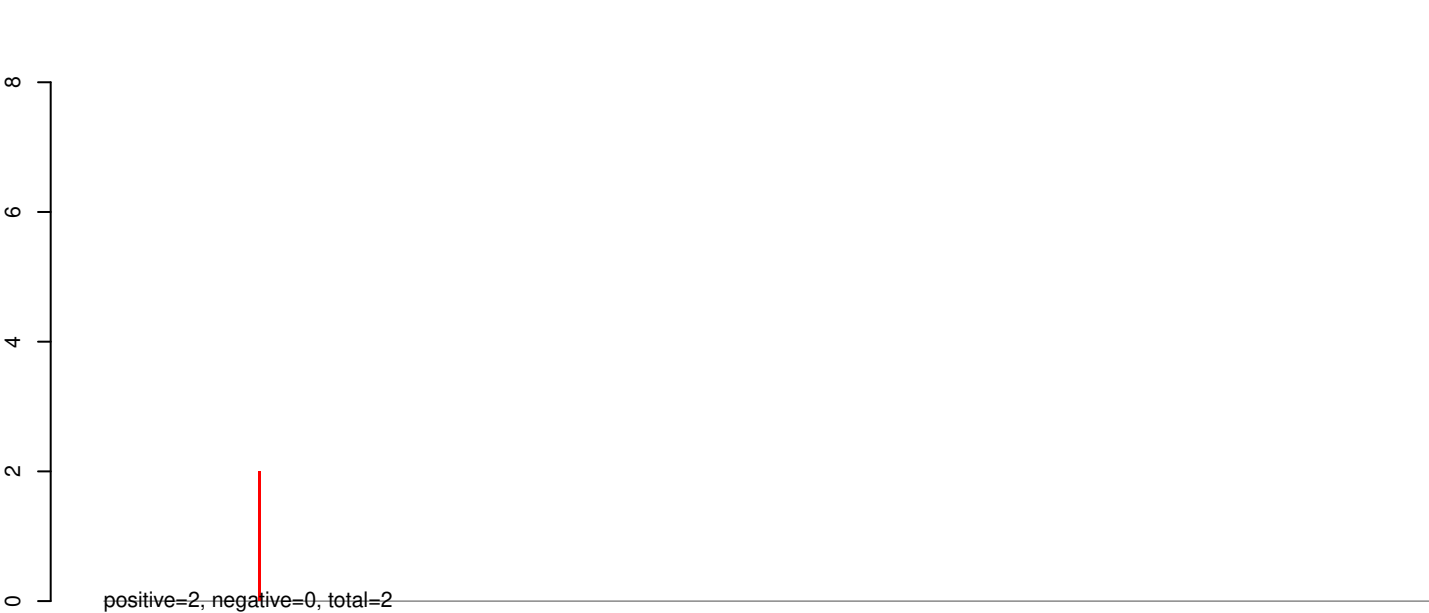
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



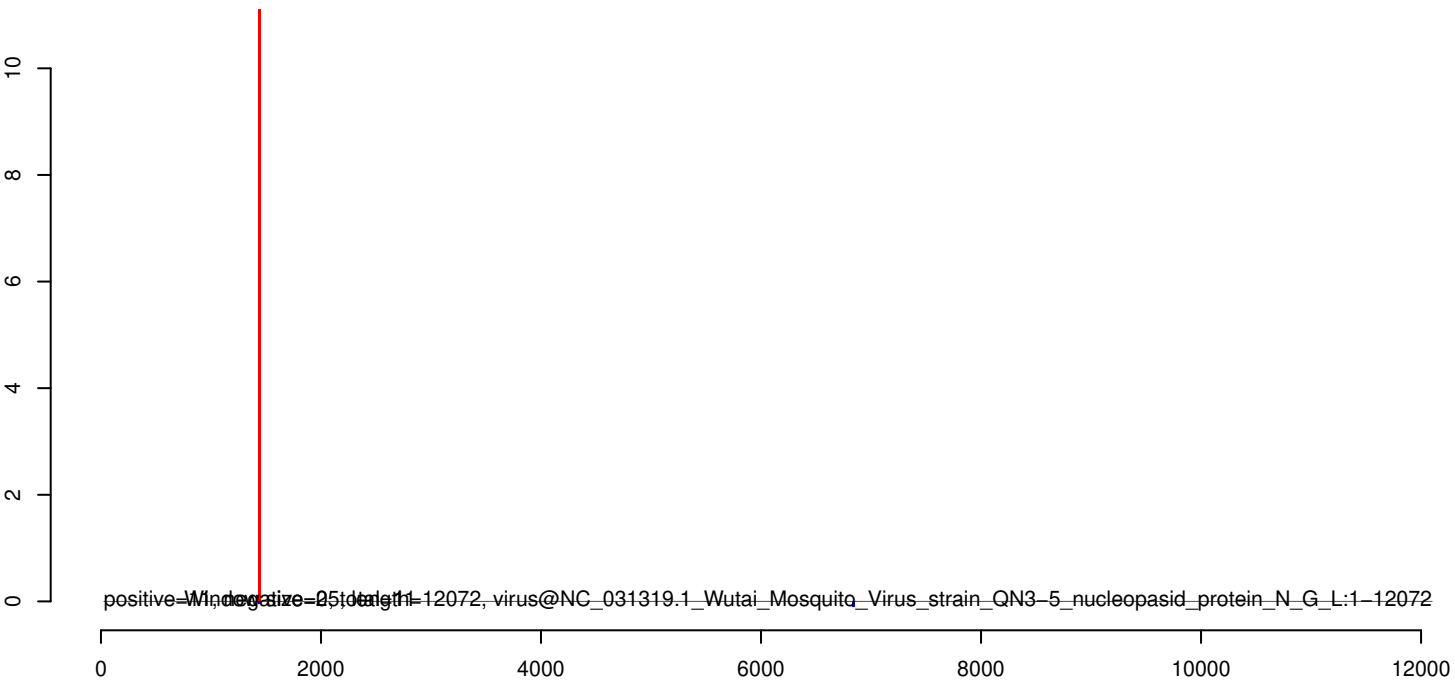
### AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep



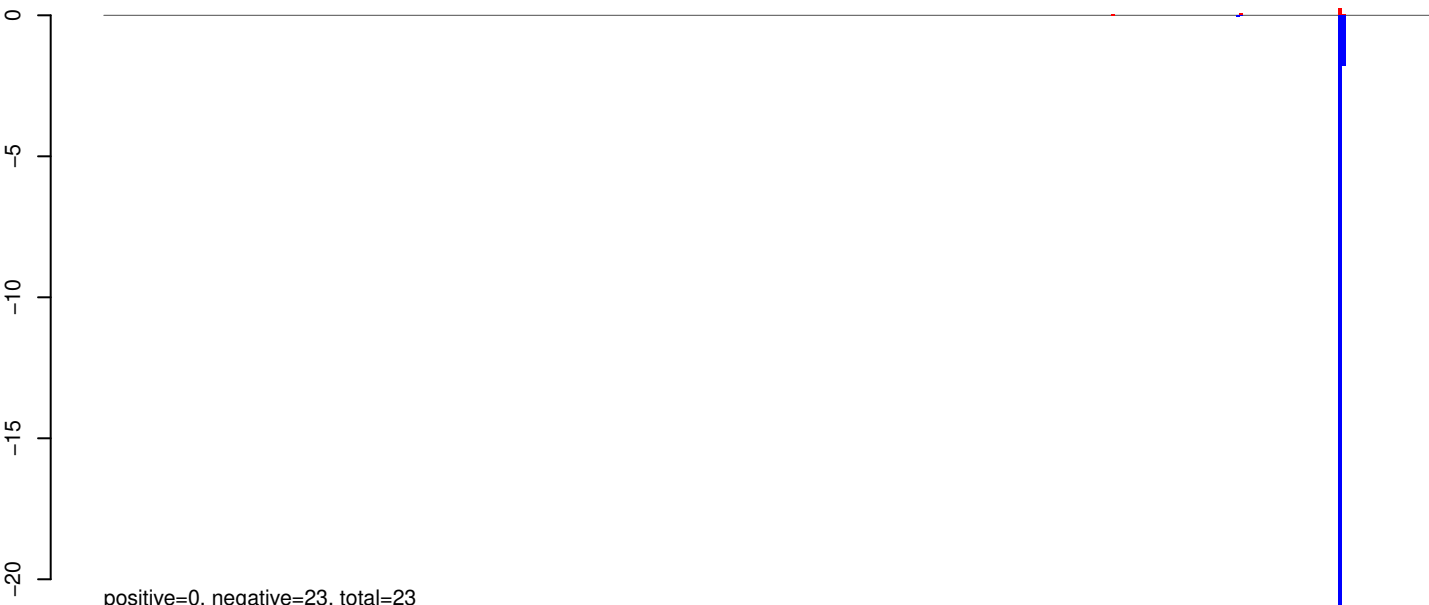
### AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



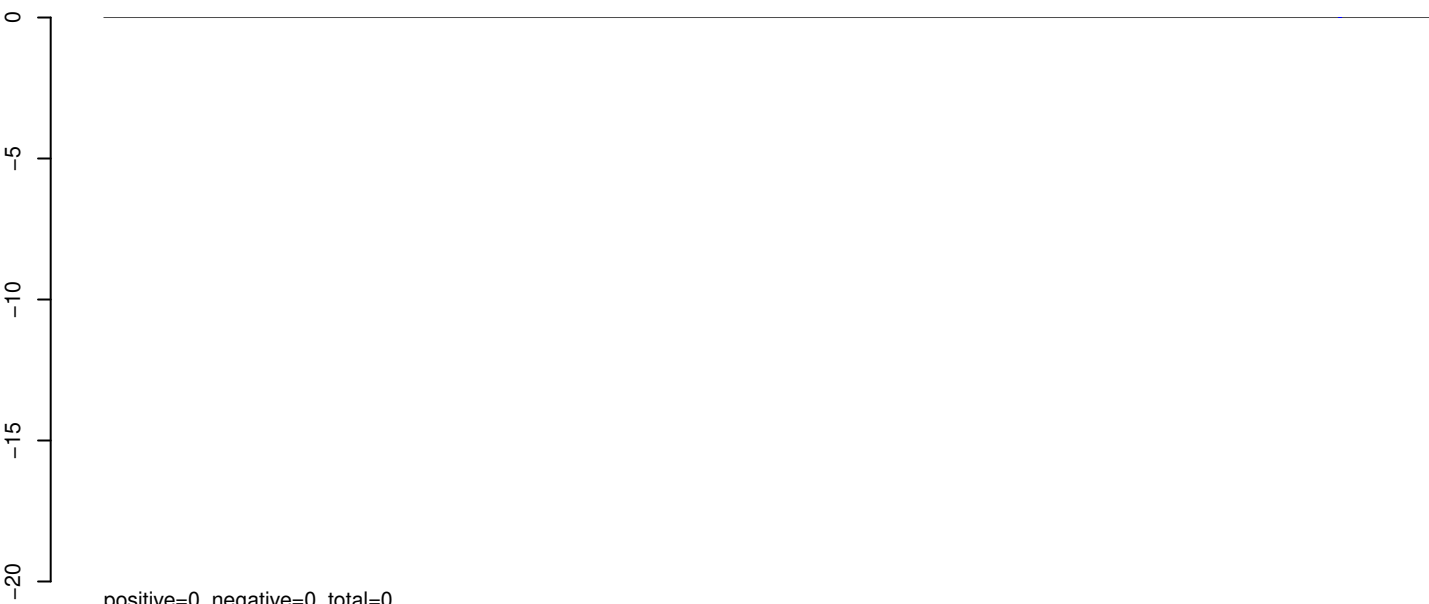
### AeAeg\_Aag2\_R3D1\_r123\_ZA.rep



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



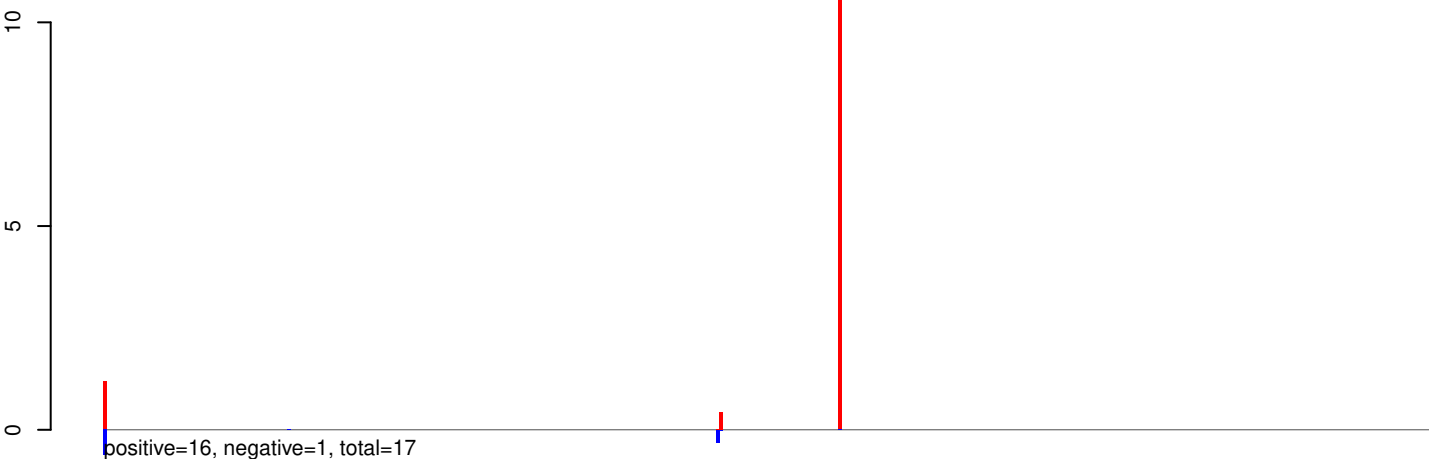
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



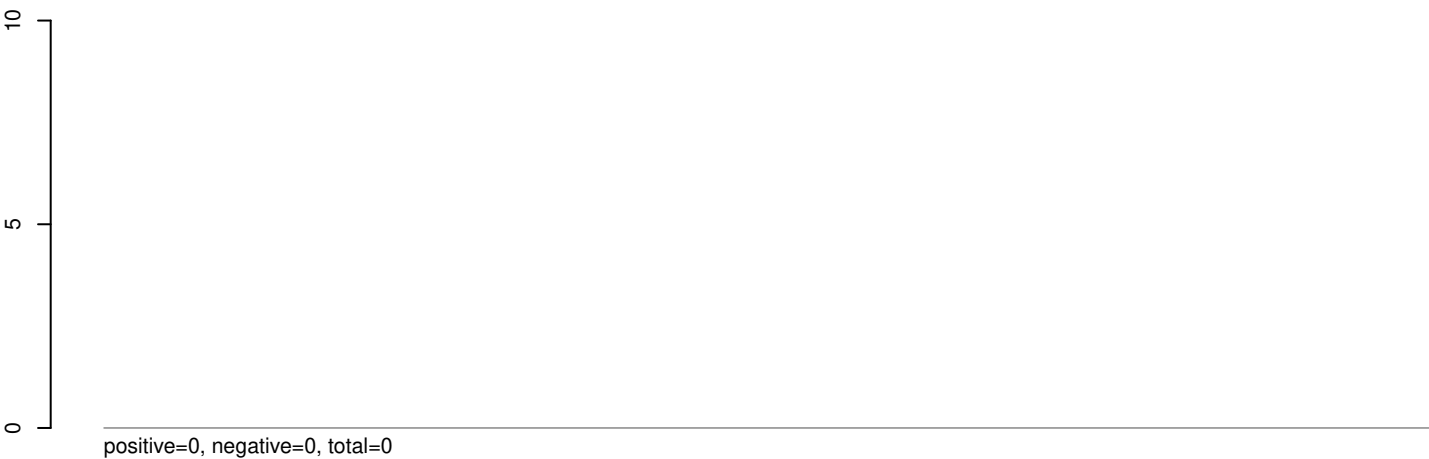
Window size=25, length=10673, virus@NC\_023424.1-Tyuleniy\_virus\_strain\_LEIV-6C\_polyprotein\_gene:1-10673

0 2000 4000 6000 8000 10000

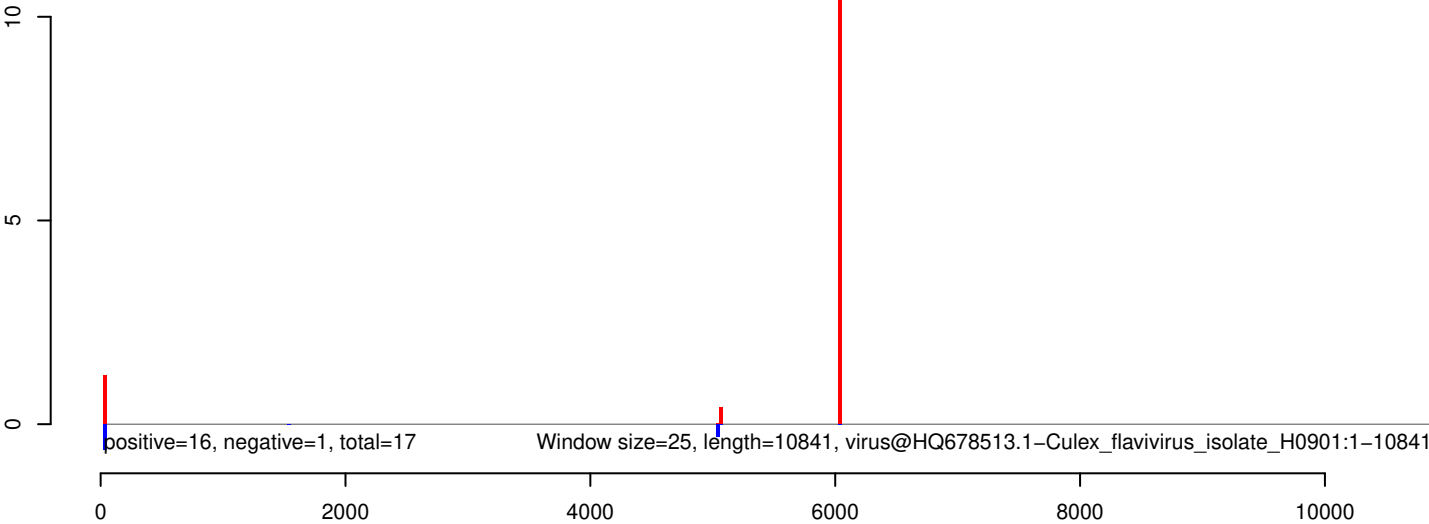
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



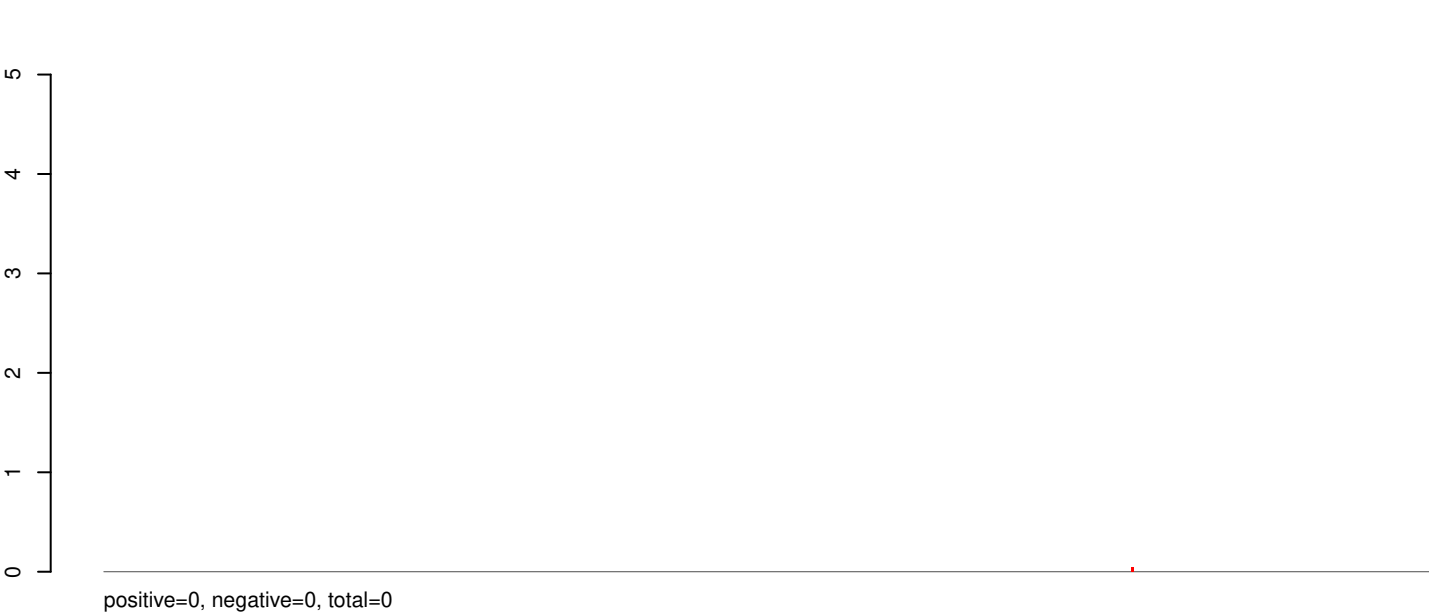
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



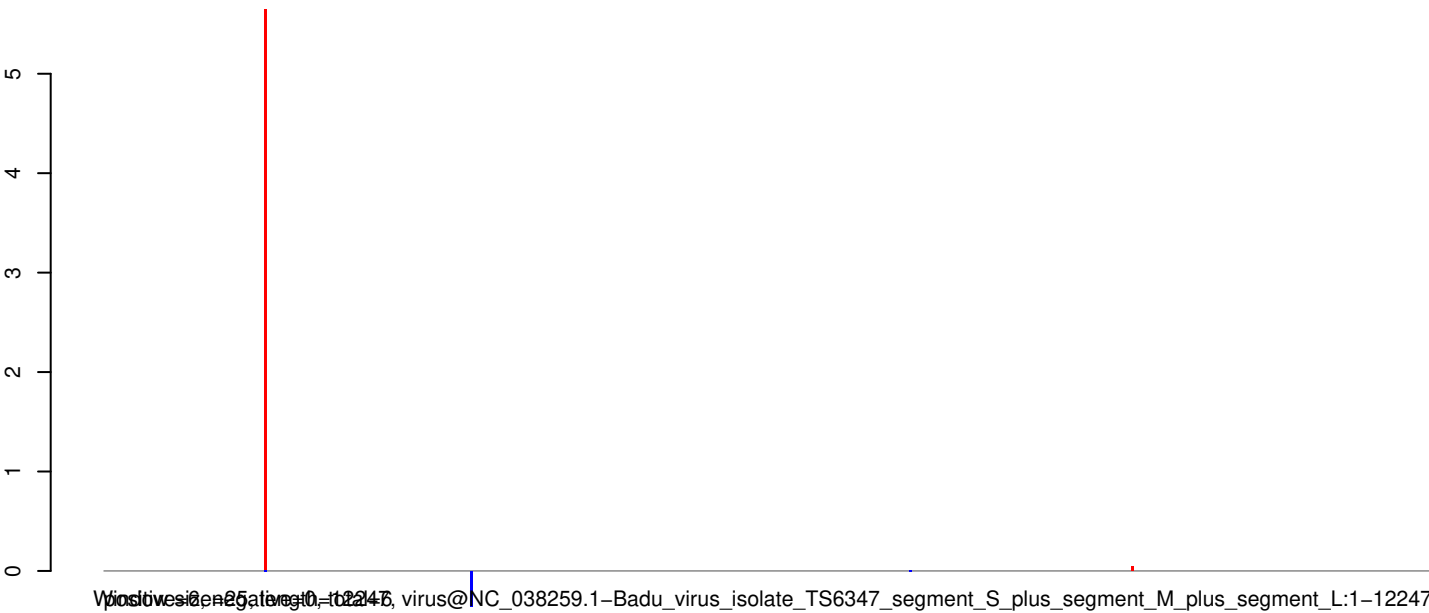
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



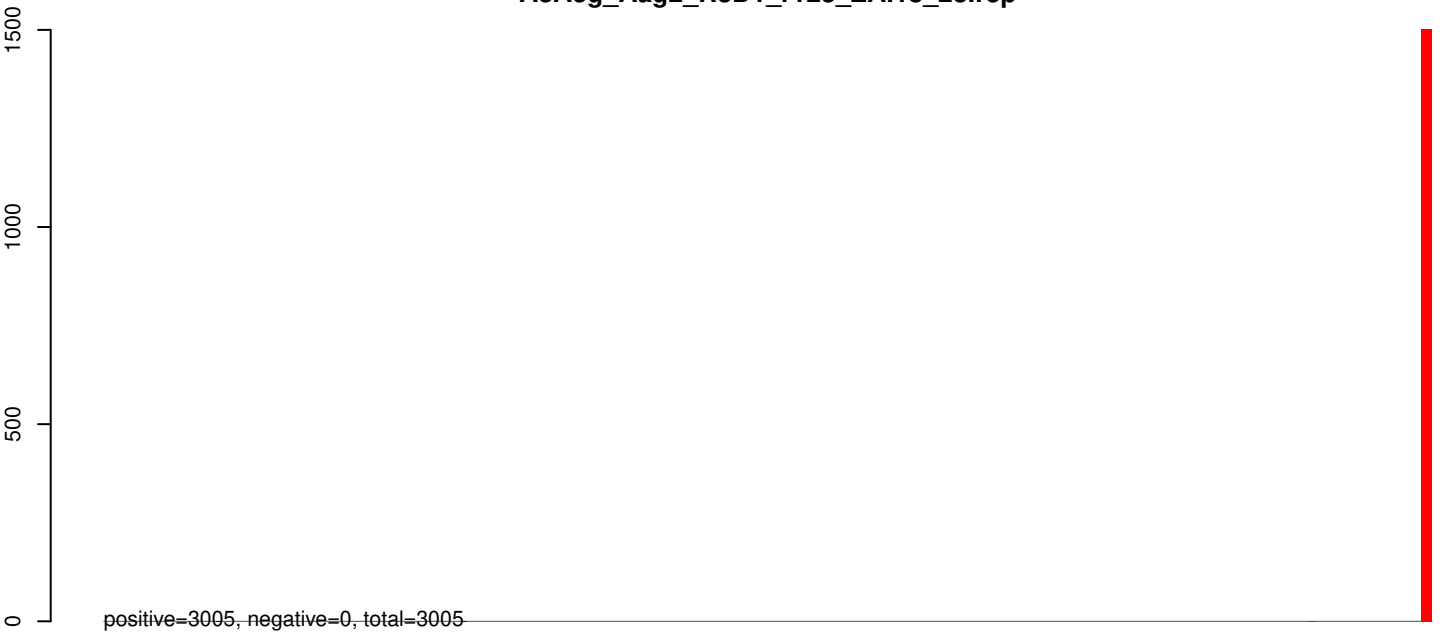
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



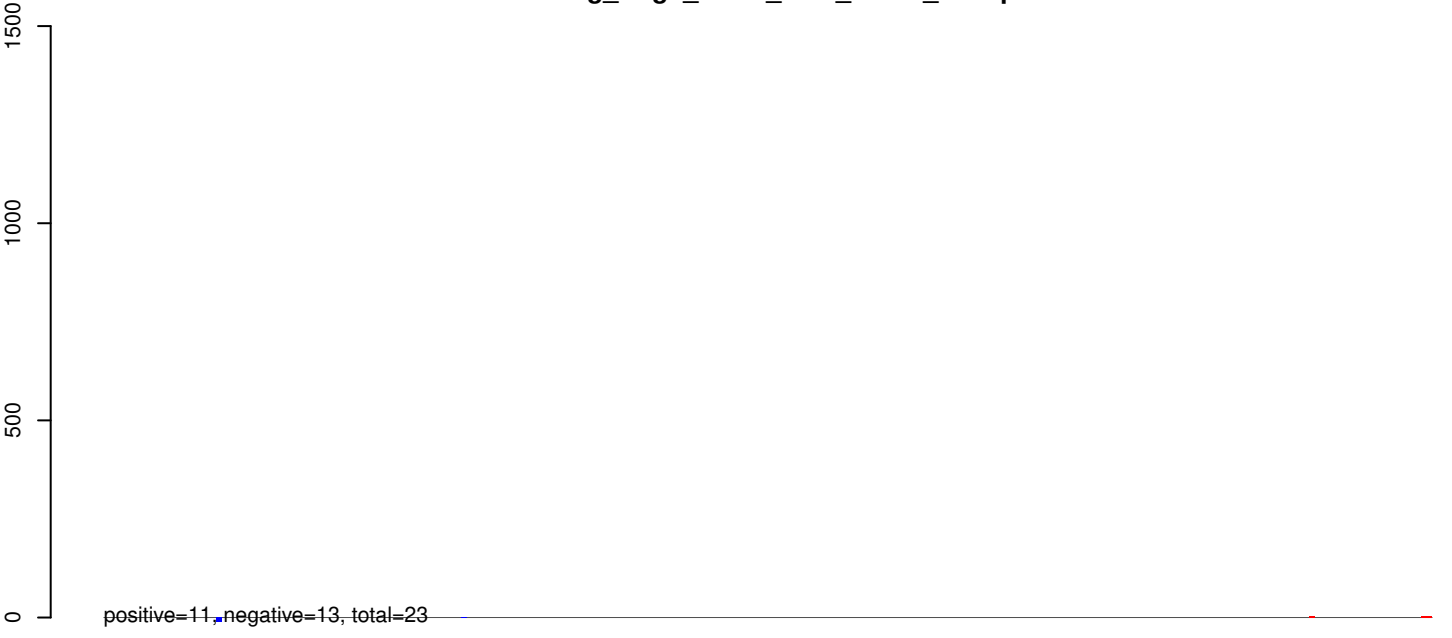
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



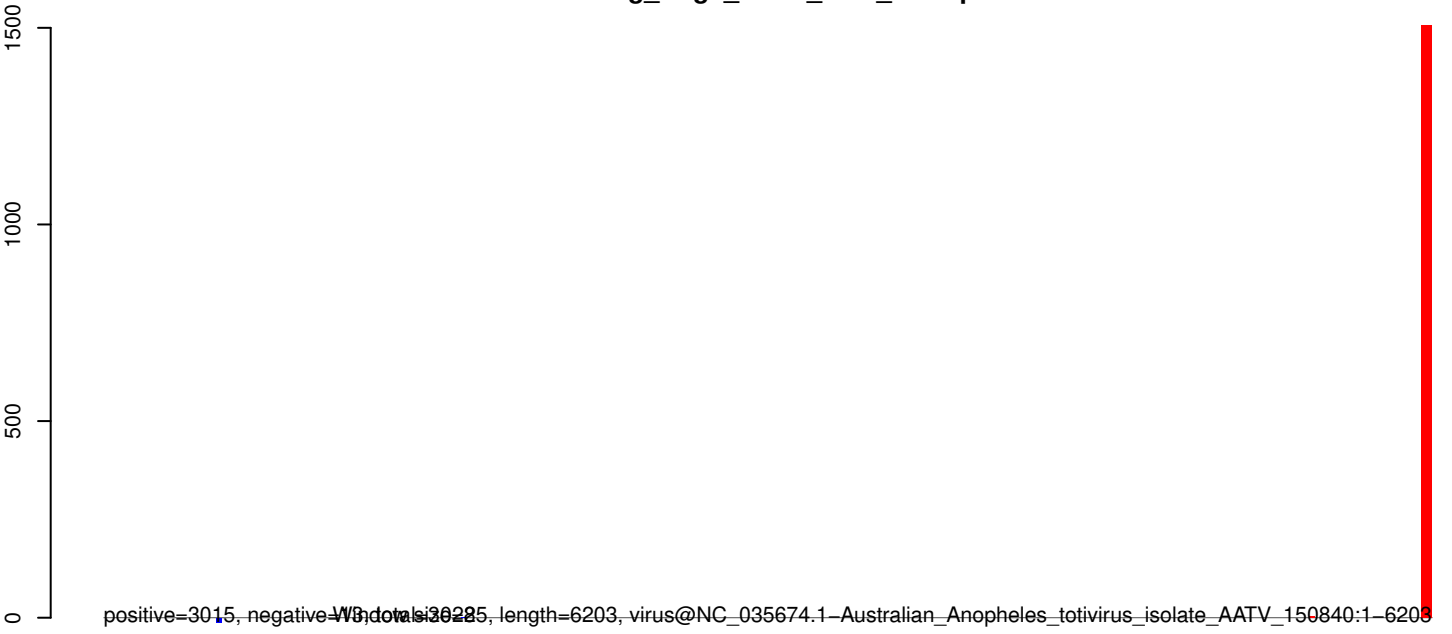
AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep



AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



AeAeg\_Aag2\_R3D1\_r123\_ZA.rep

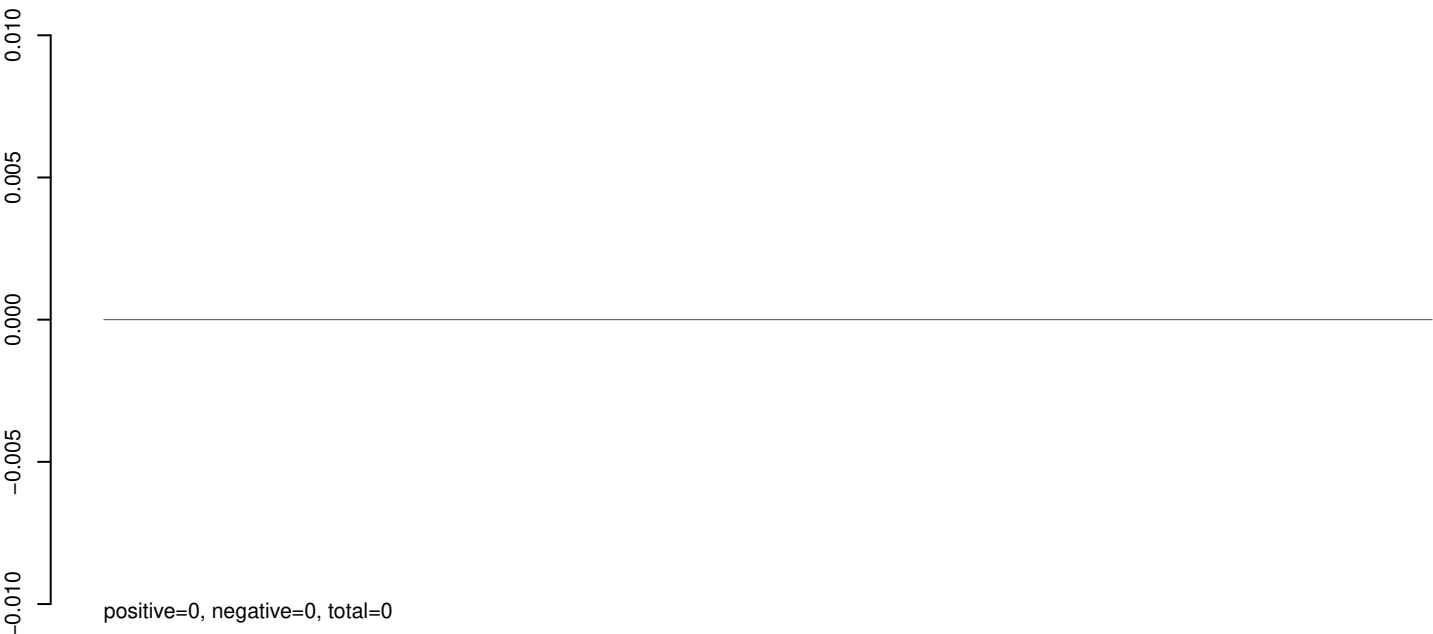


0 1000 2000 3000 4000 5000 6000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

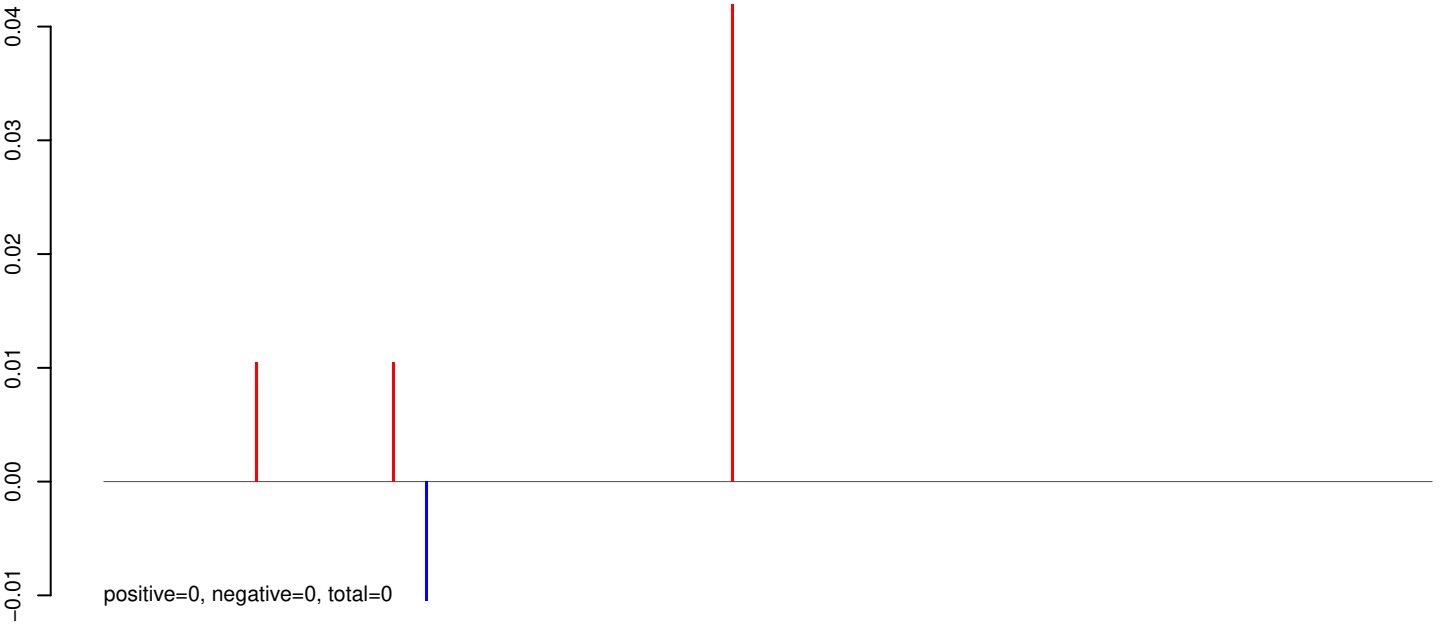


low size=25, ave=0, the=13189, 0, into=40 NC\_034543.1-Ord\_River\_virus\_nucleoprotein\_hypothetical\_protein\_phosphoprotein\_hypothetical\_pro:1-13189

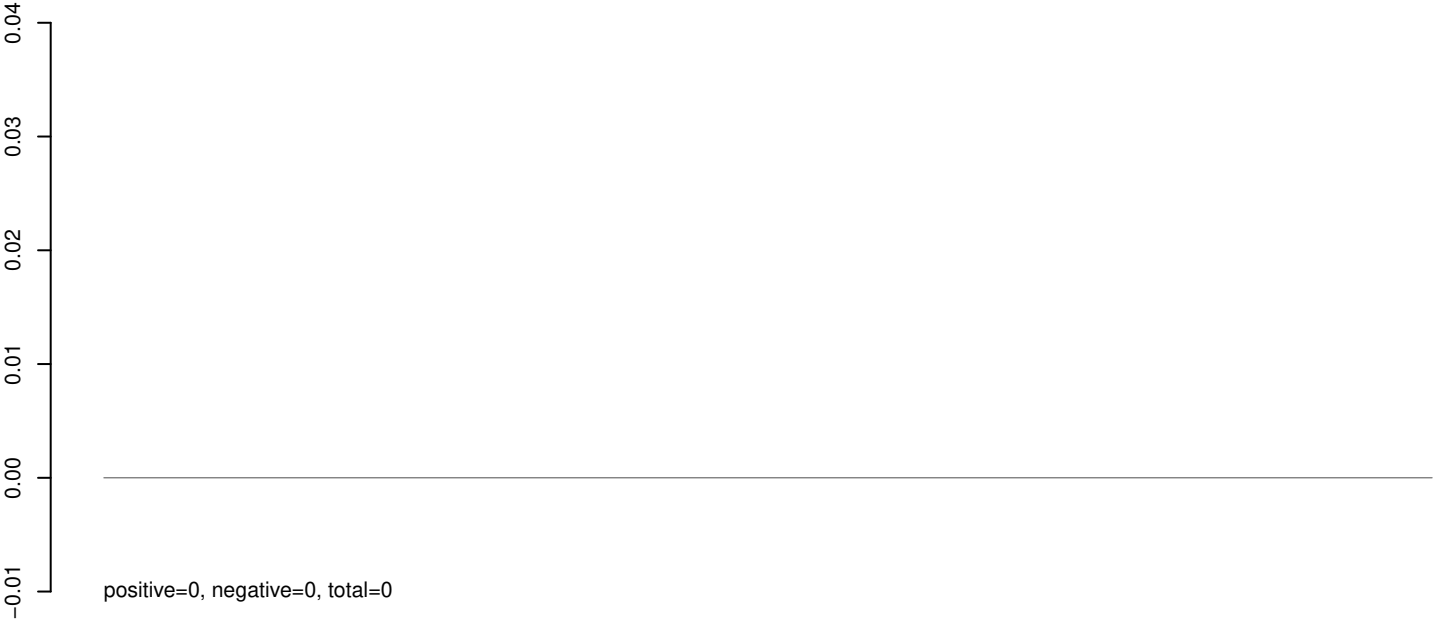
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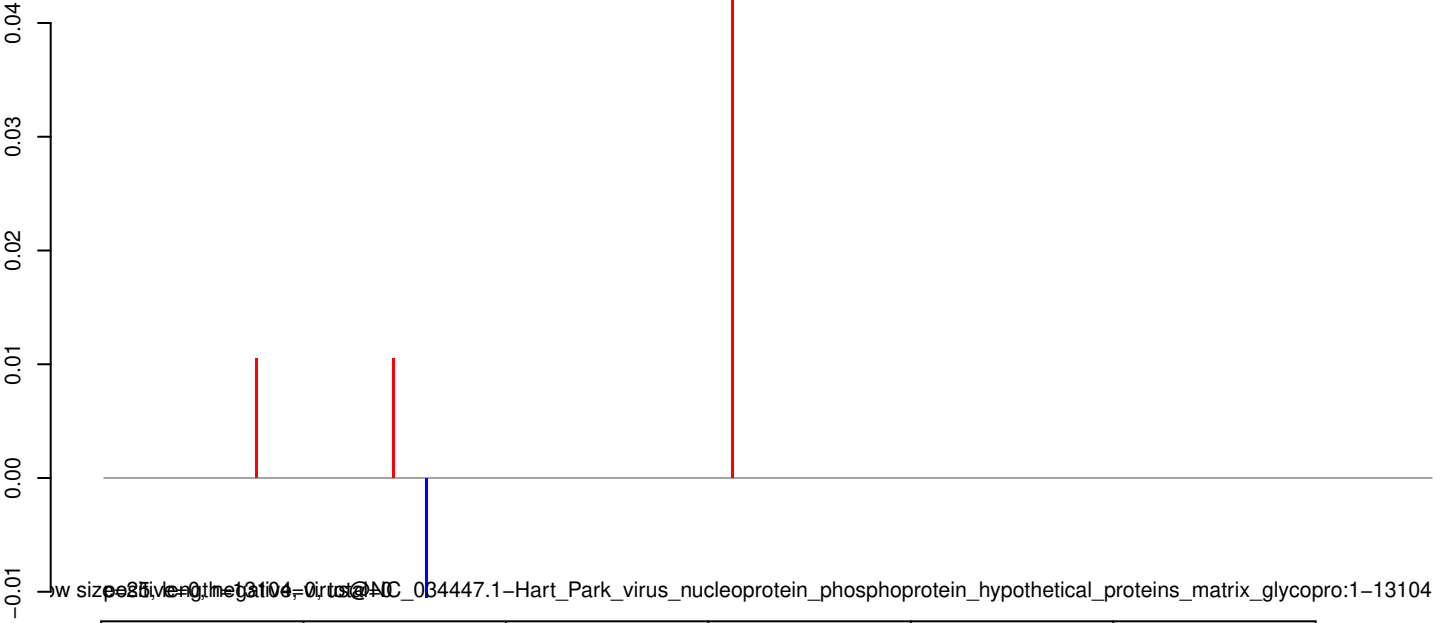
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



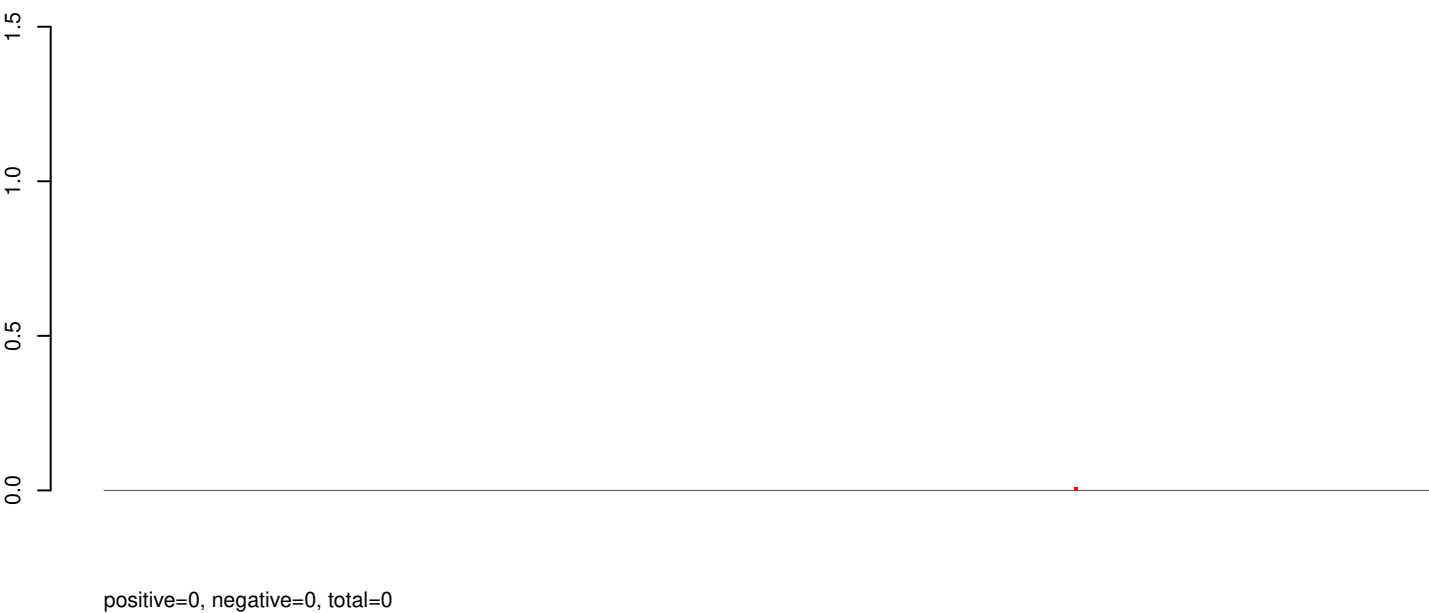
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



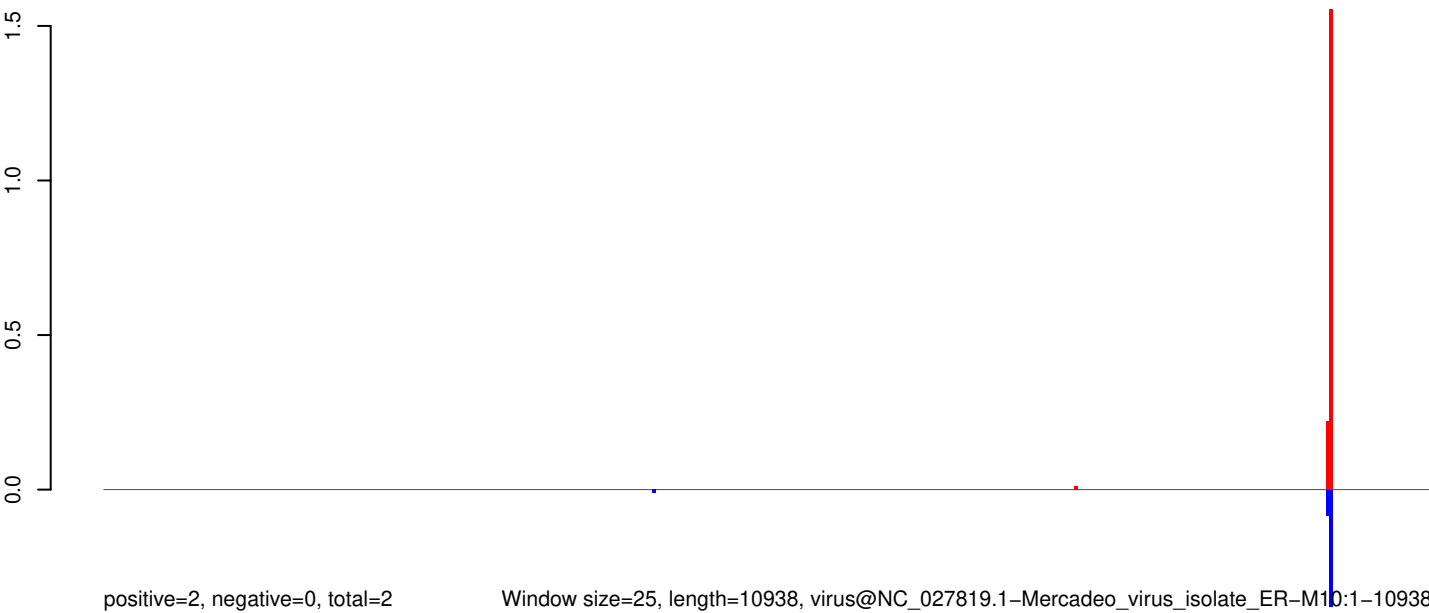
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



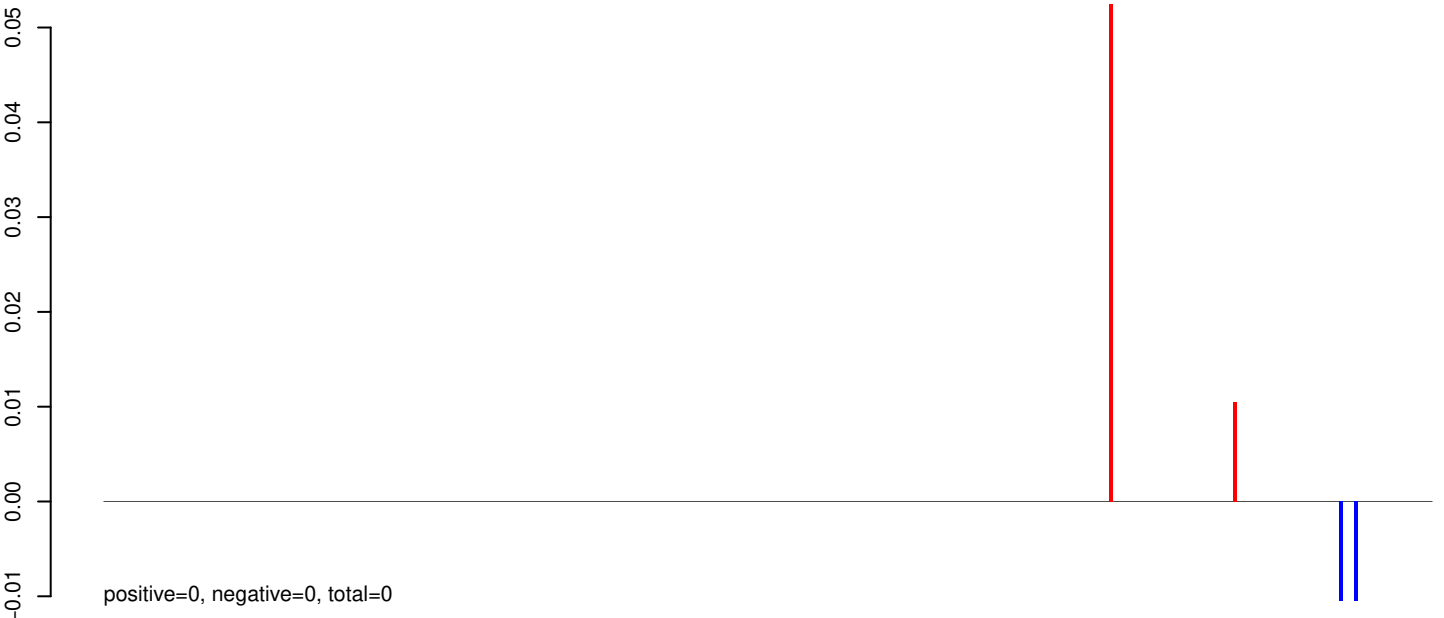
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



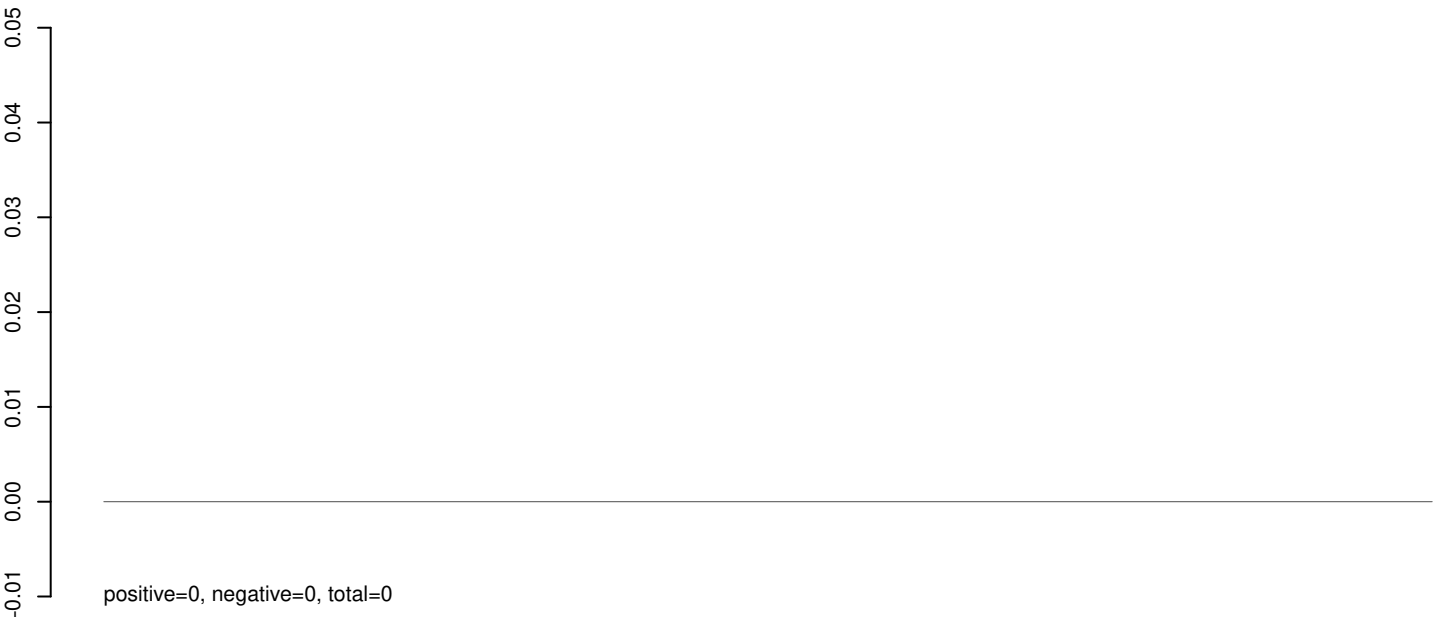
Window size=25, length=10938, virus@NC\_027819.1-Mercadeo\_virus\_isolate\_ER-M10:1-10938

0 2000 4000 6000 8000 10000

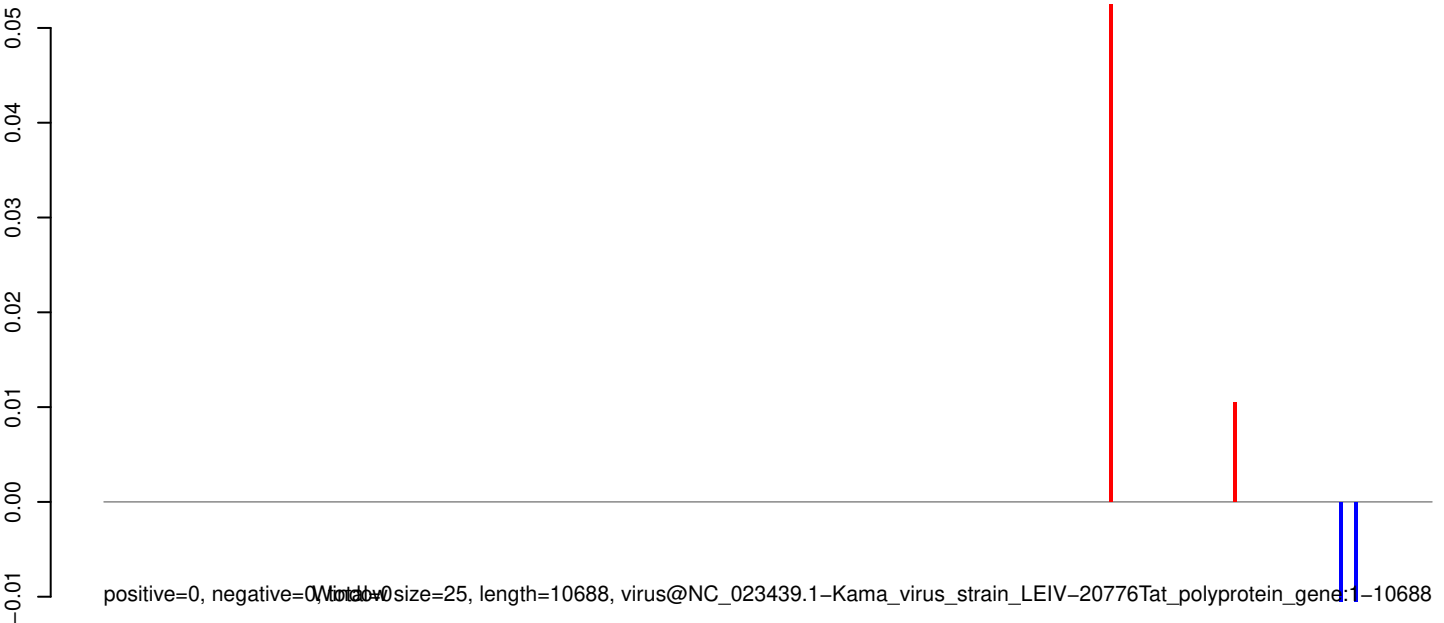
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



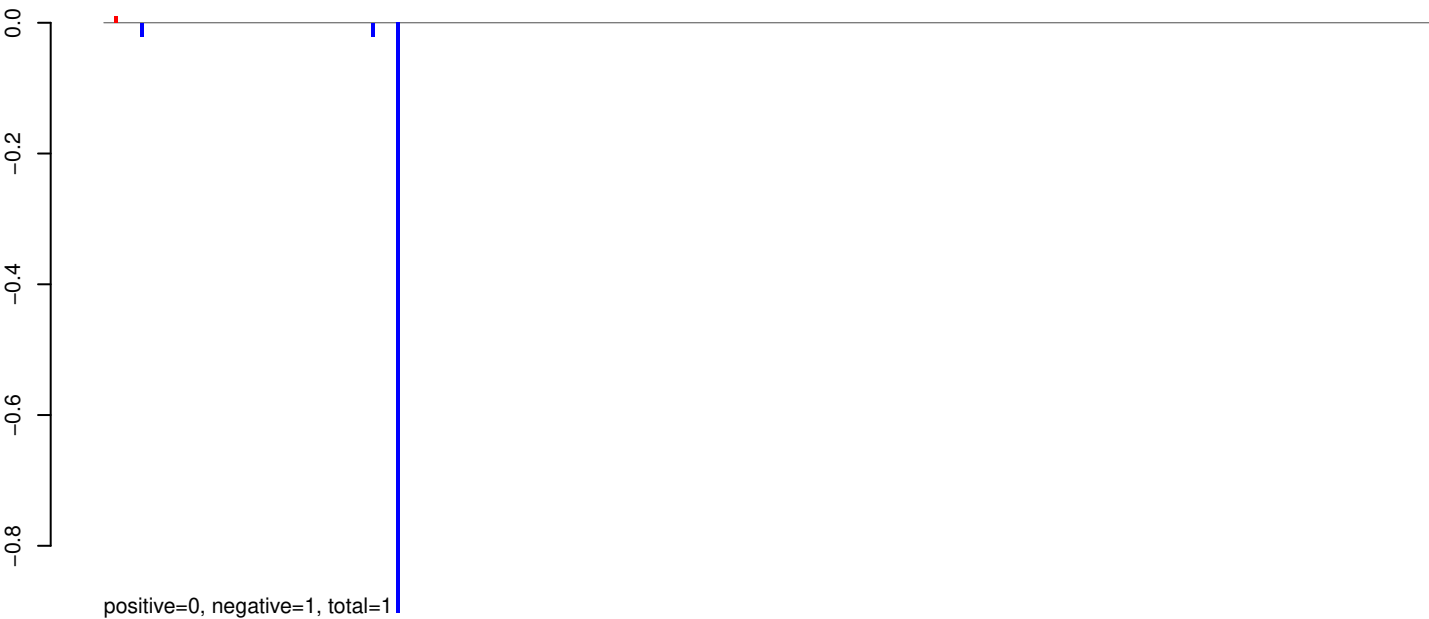
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



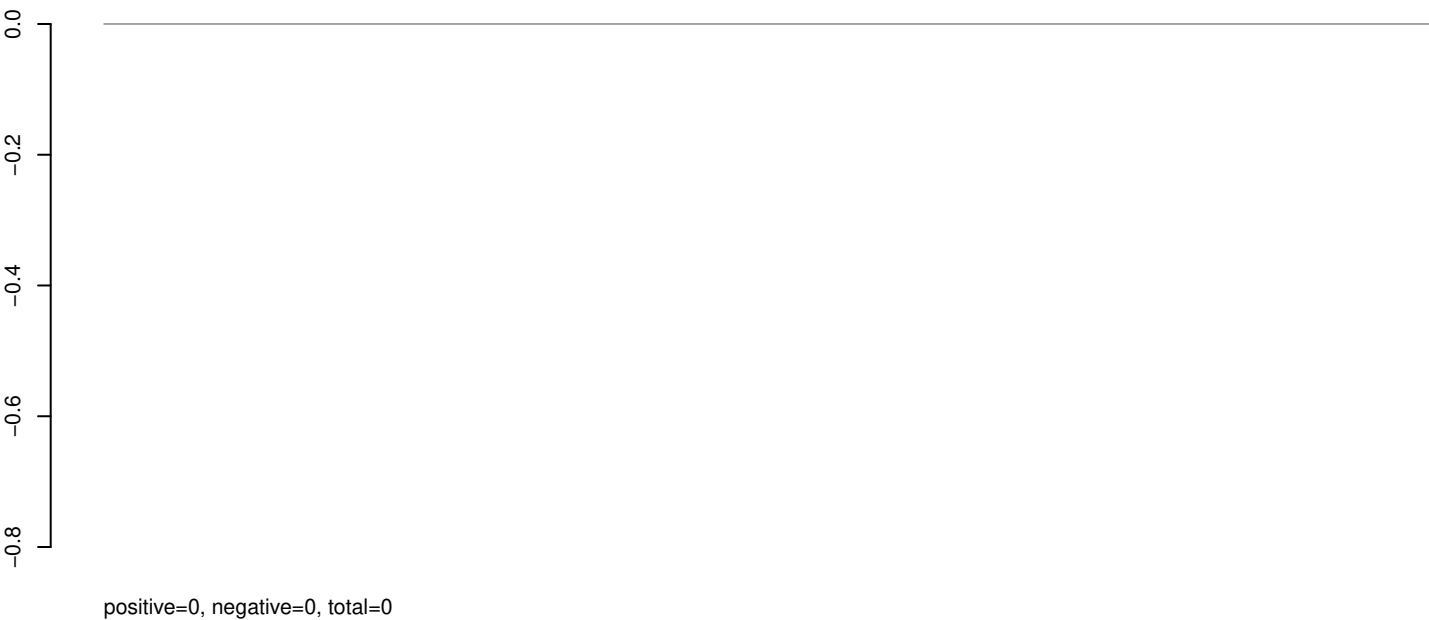
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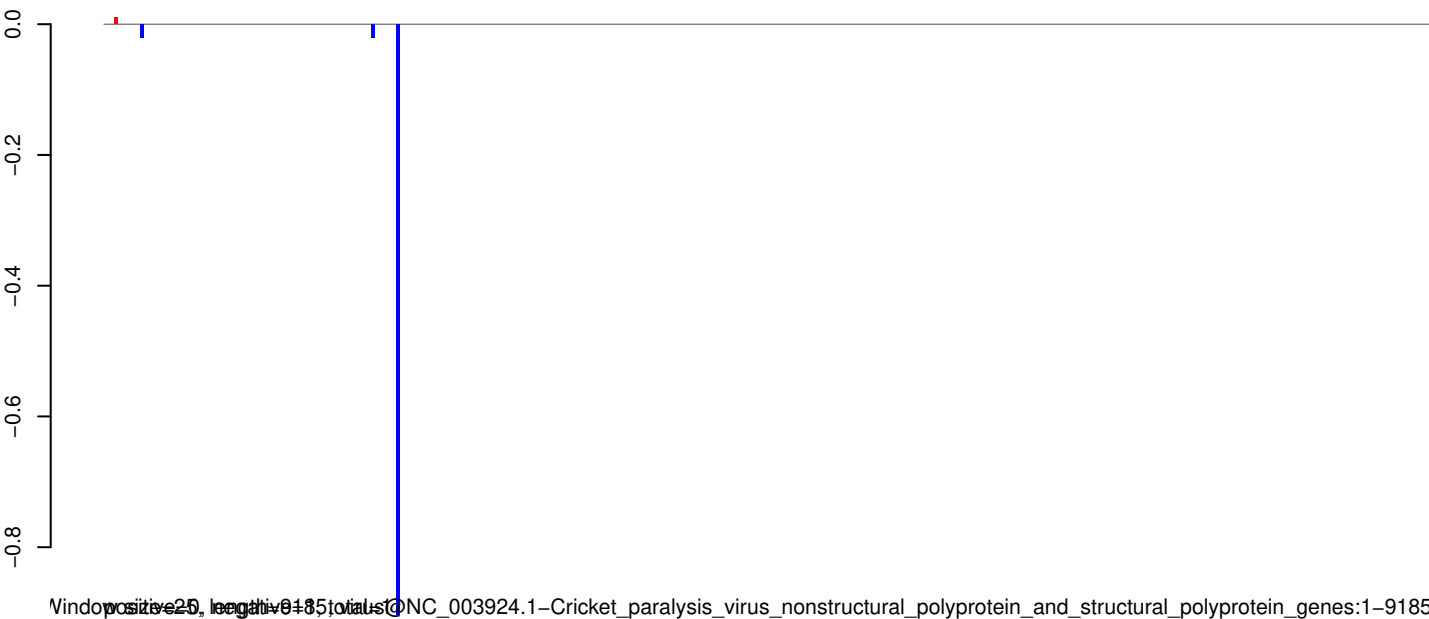
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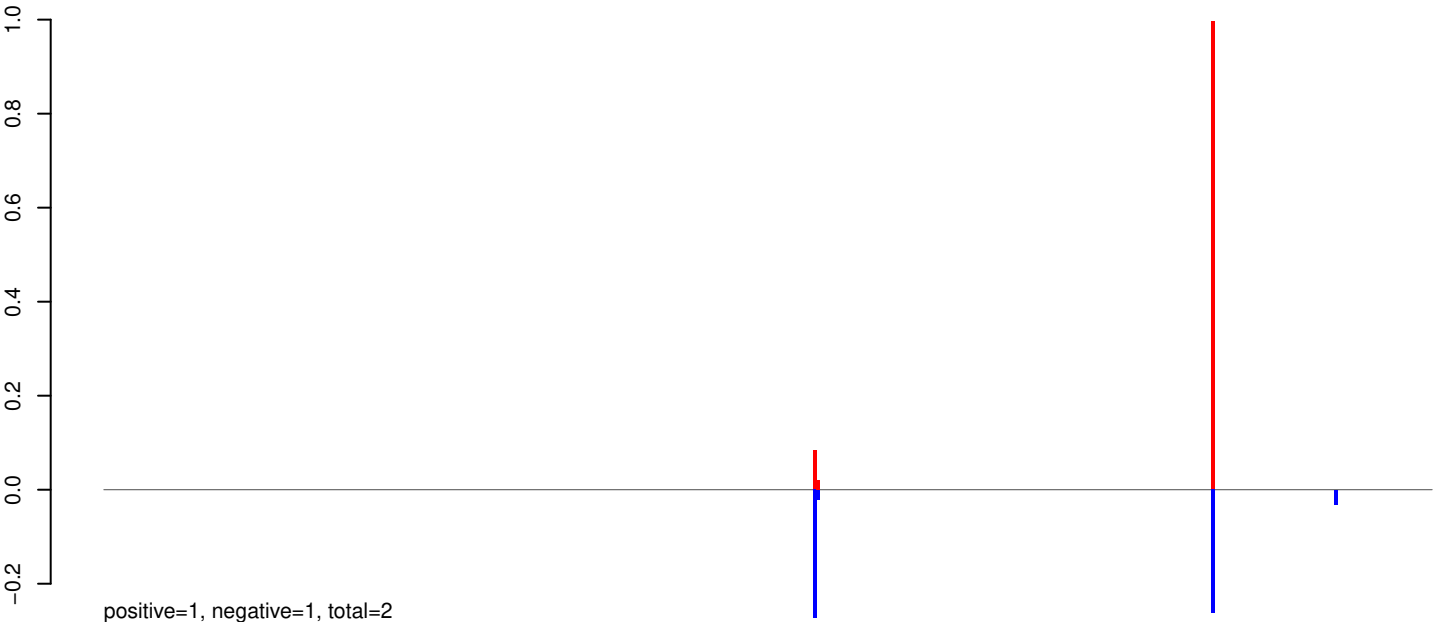
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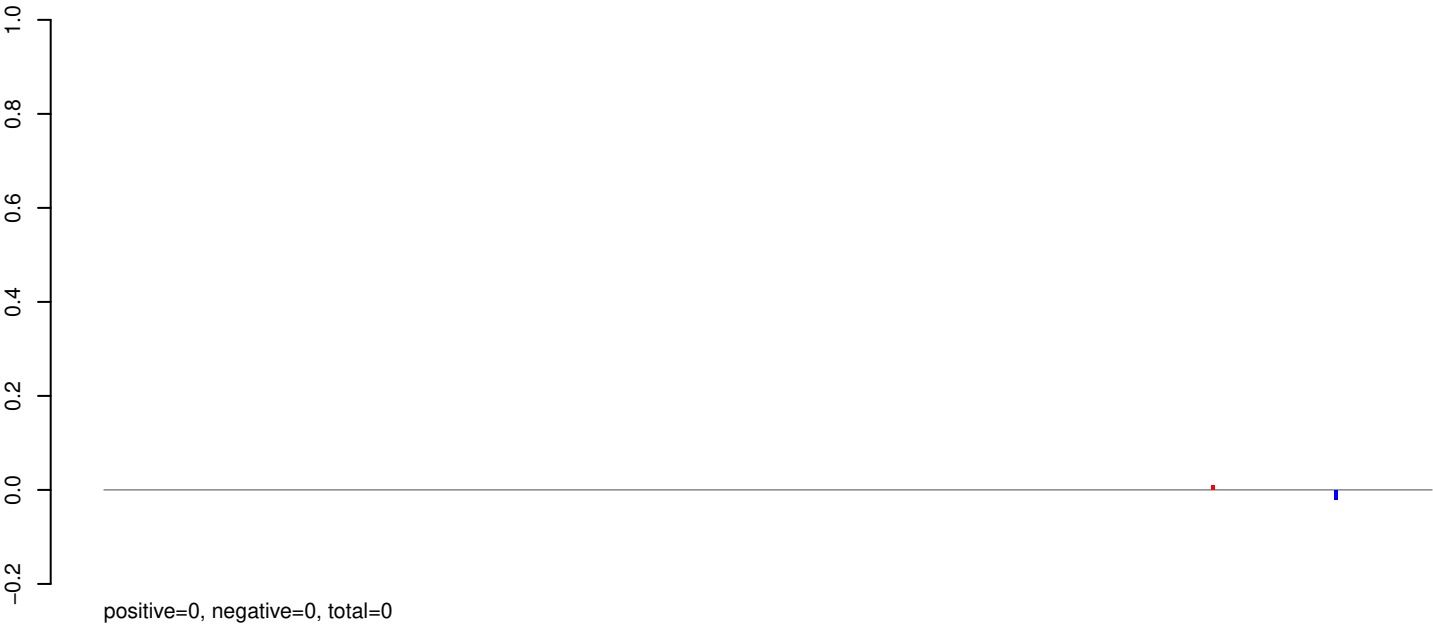
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



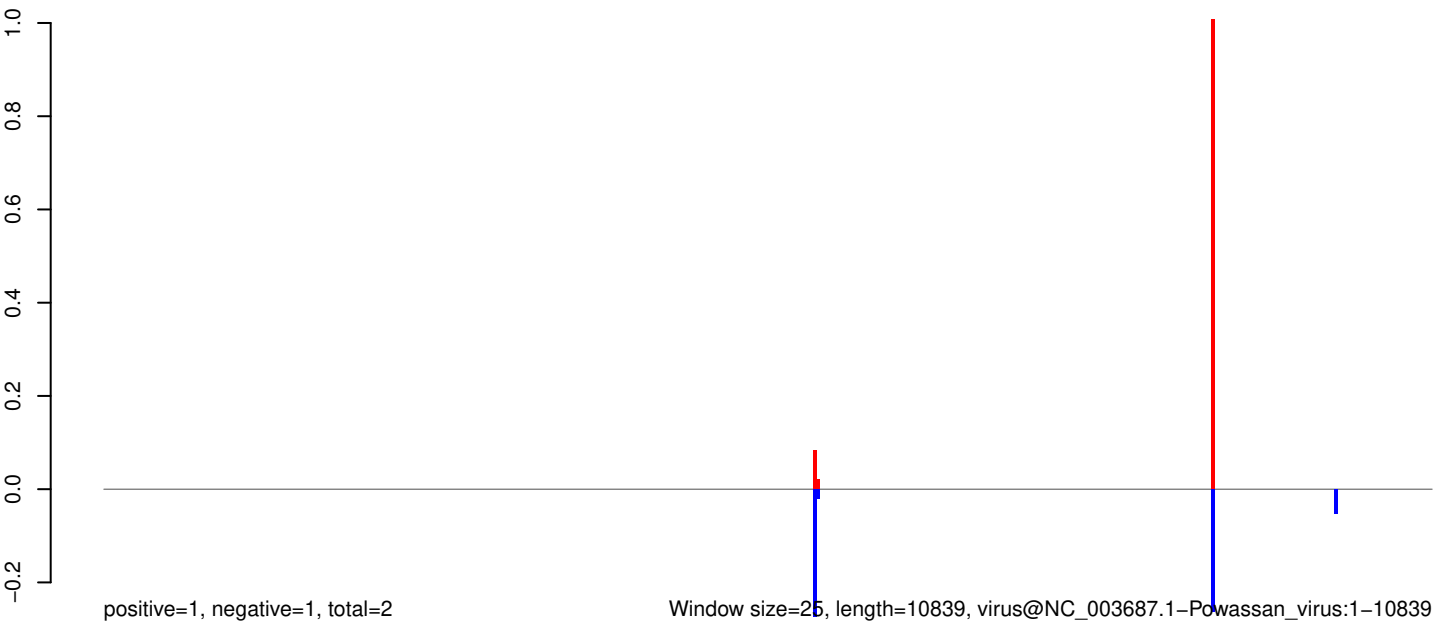
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



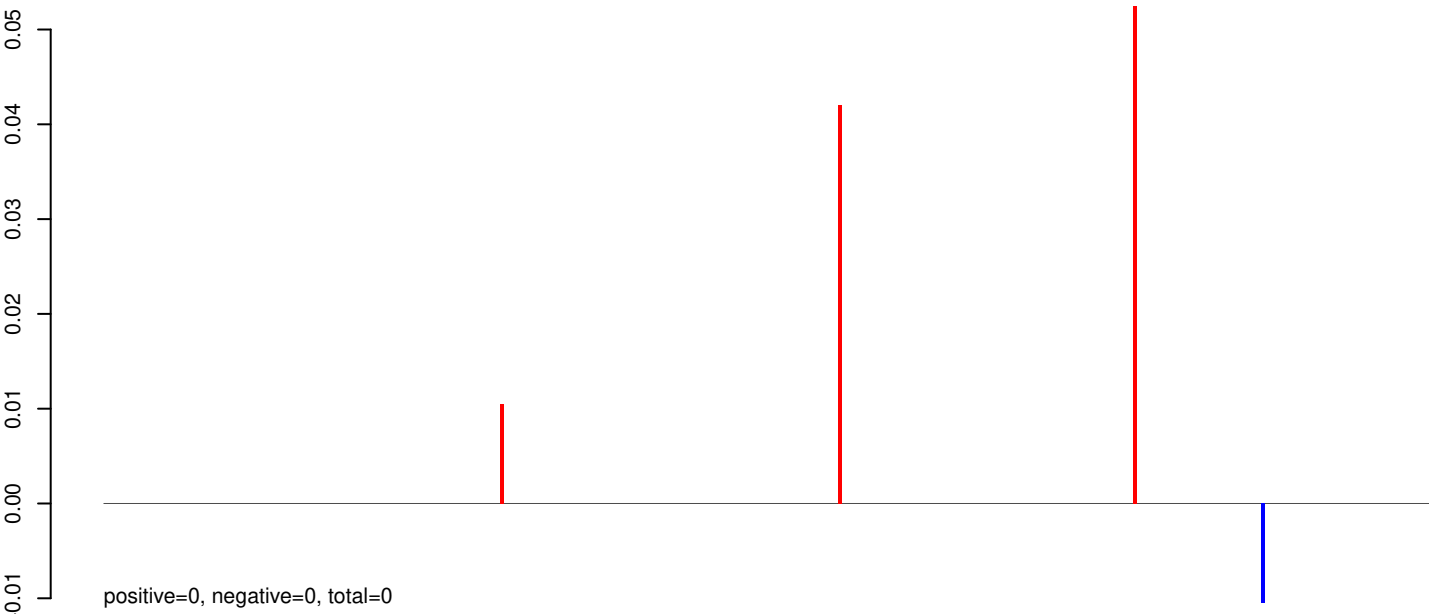
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



Window size=25, length=10839, virus@NC\_003687.1-Powassan\_virus:1-10839

0 2000 4000 6000 8000 10000

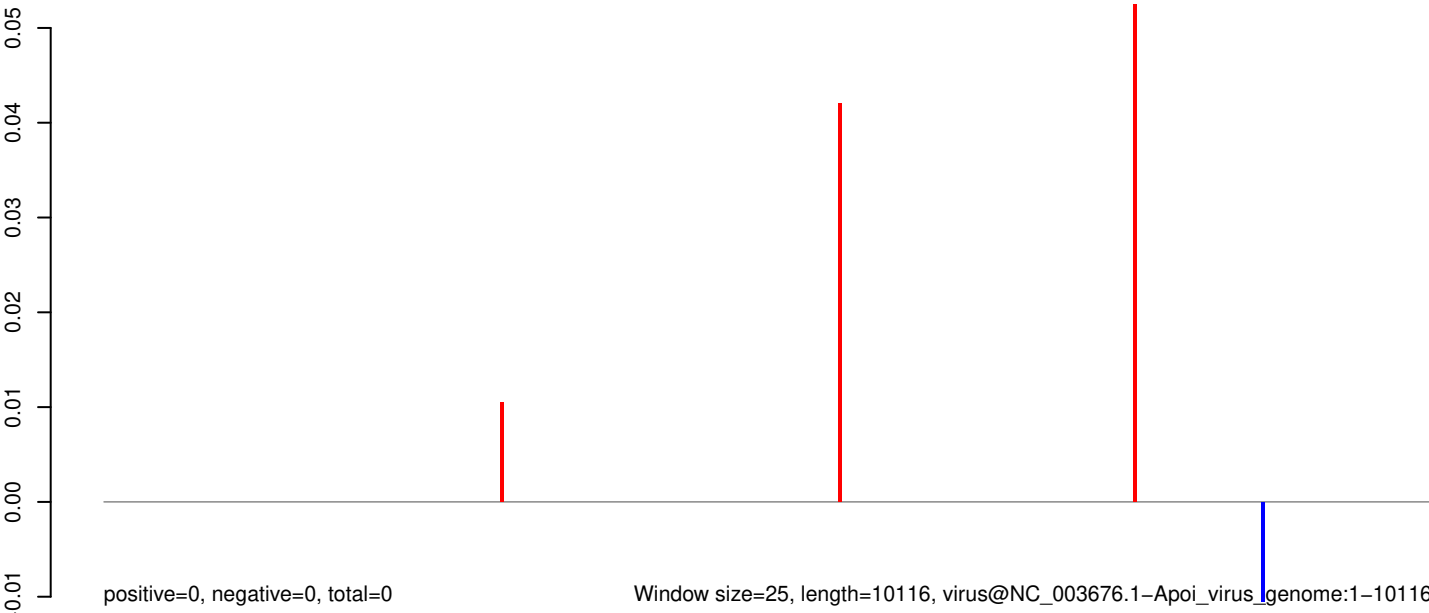
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



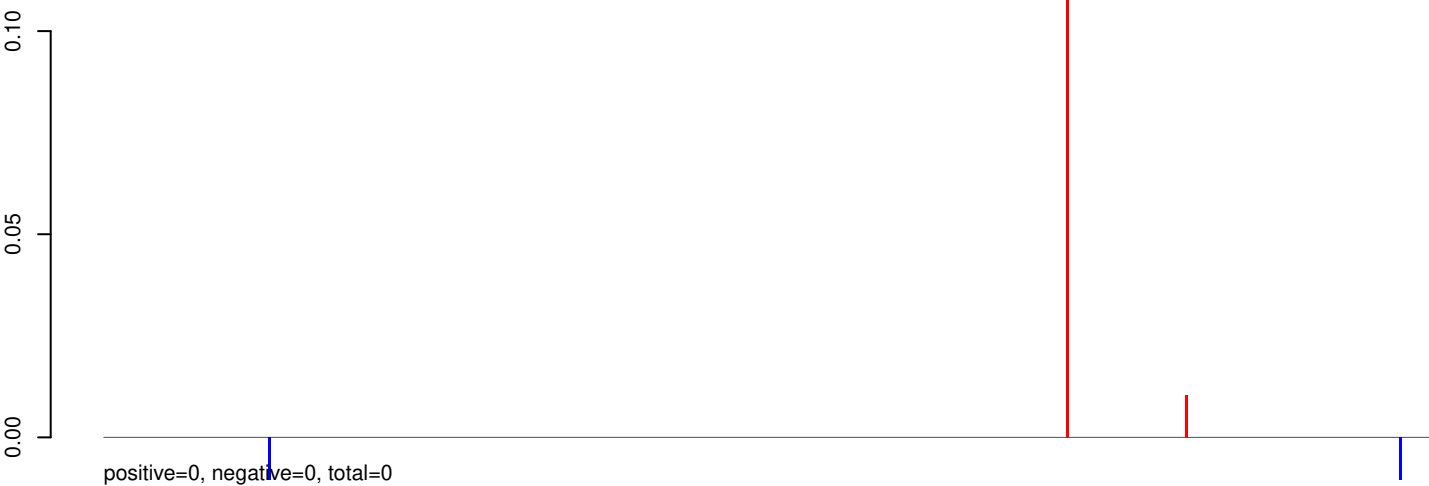
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



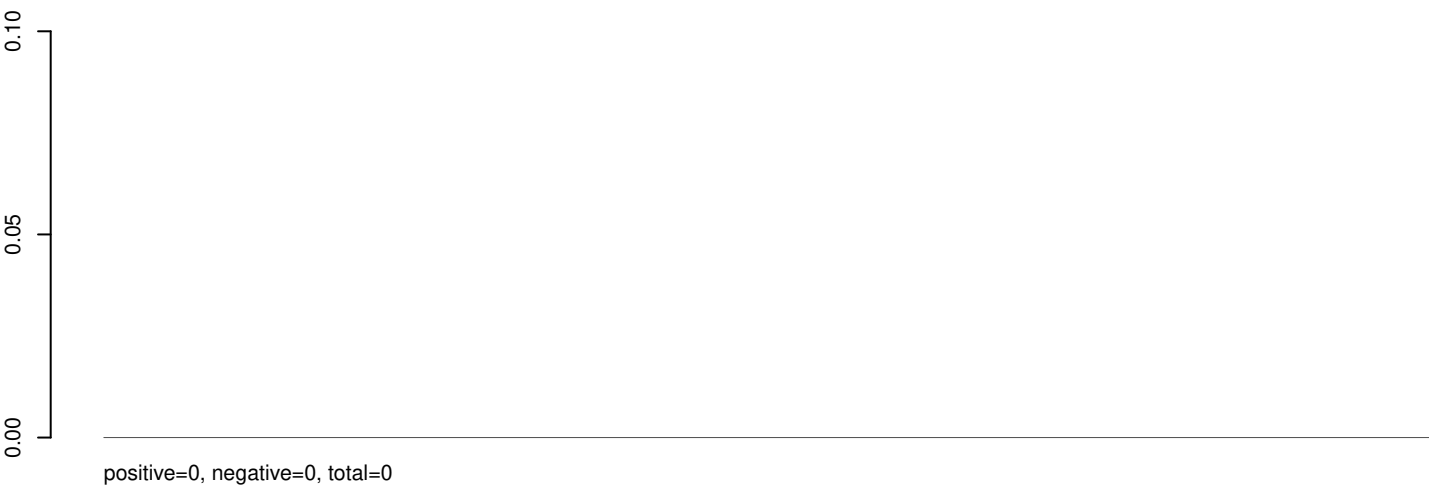
Window size=25, length=10116, virus@NC\_003676.1-Apoi\_virus\_genome:1-10116

0 2000 4000 6000 8000 10000

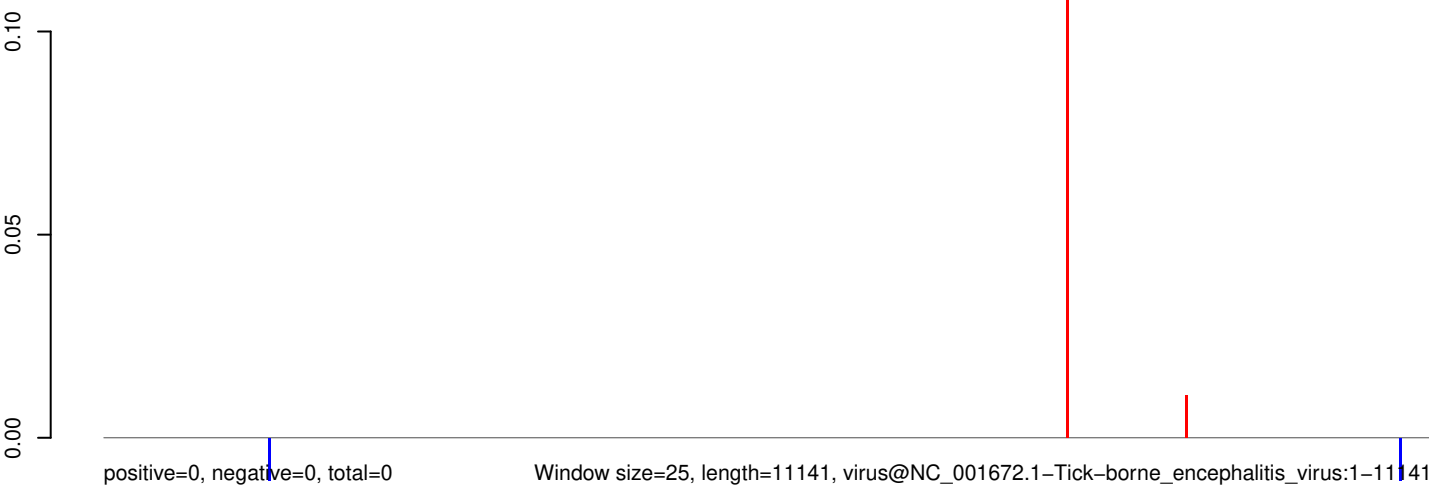
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



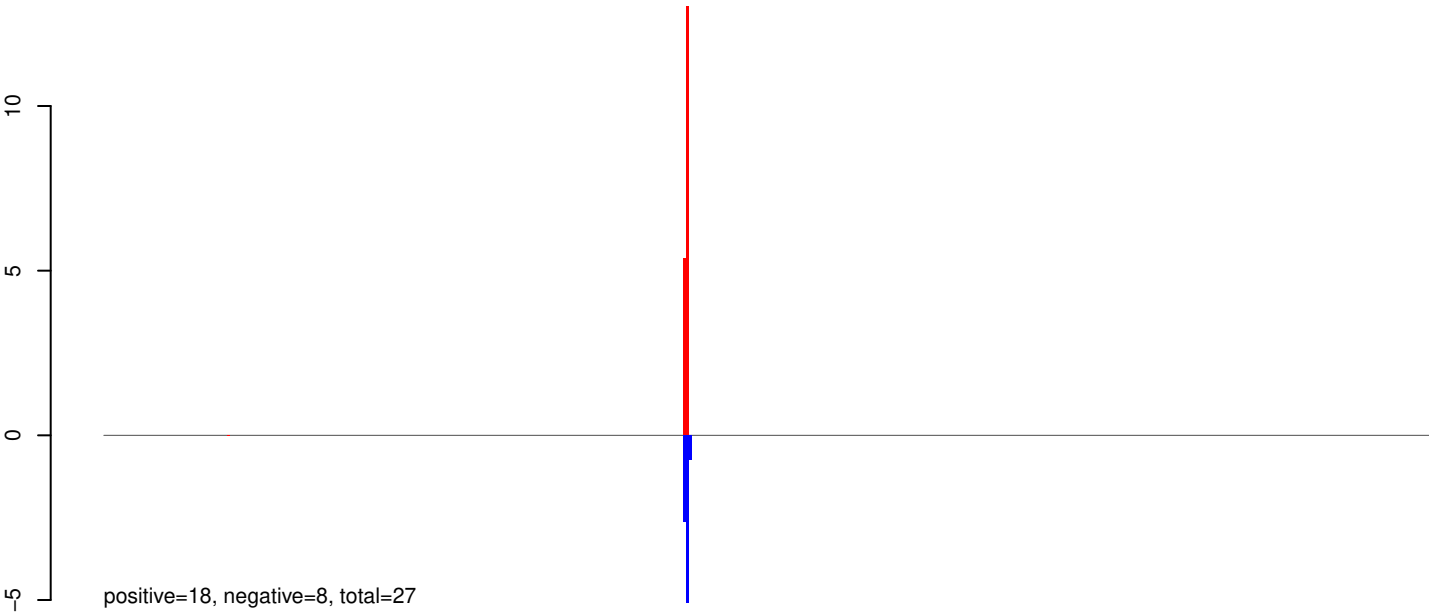
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



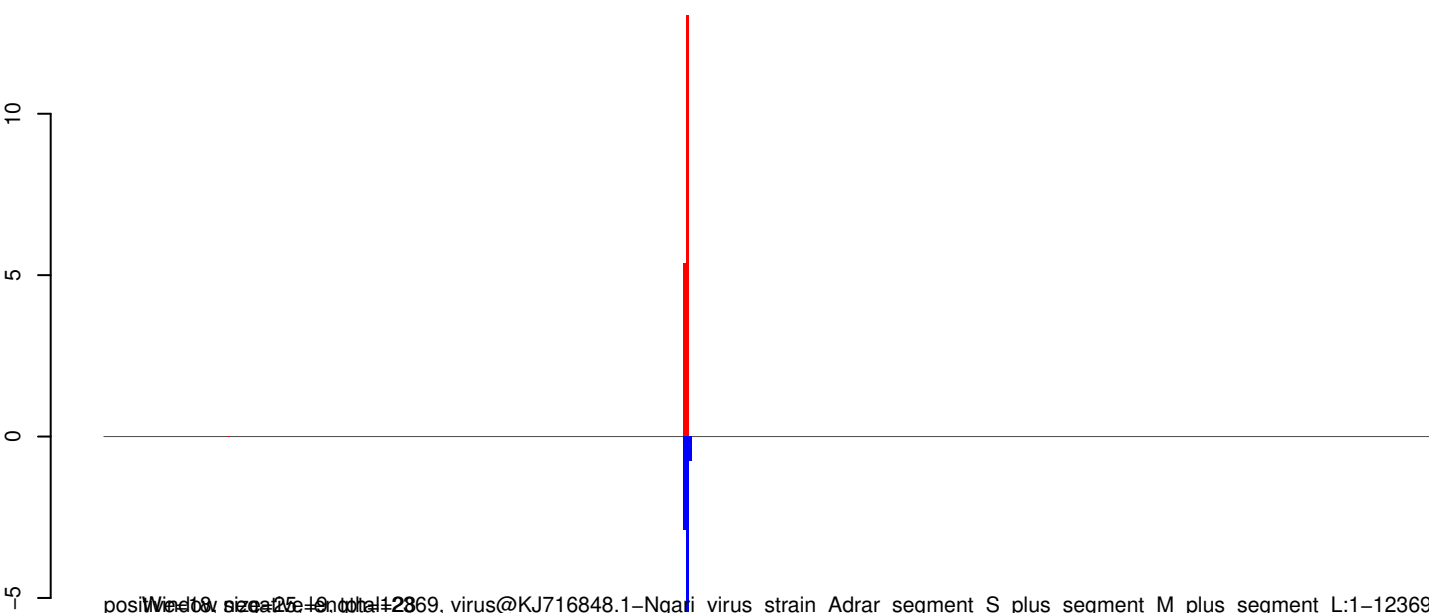
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

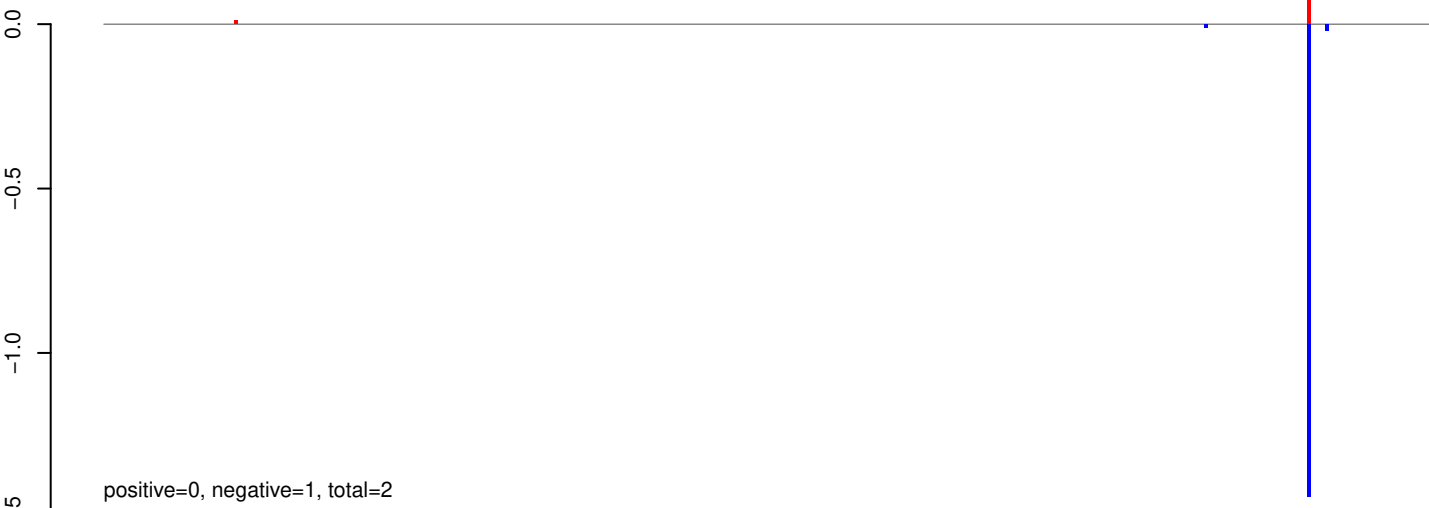


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



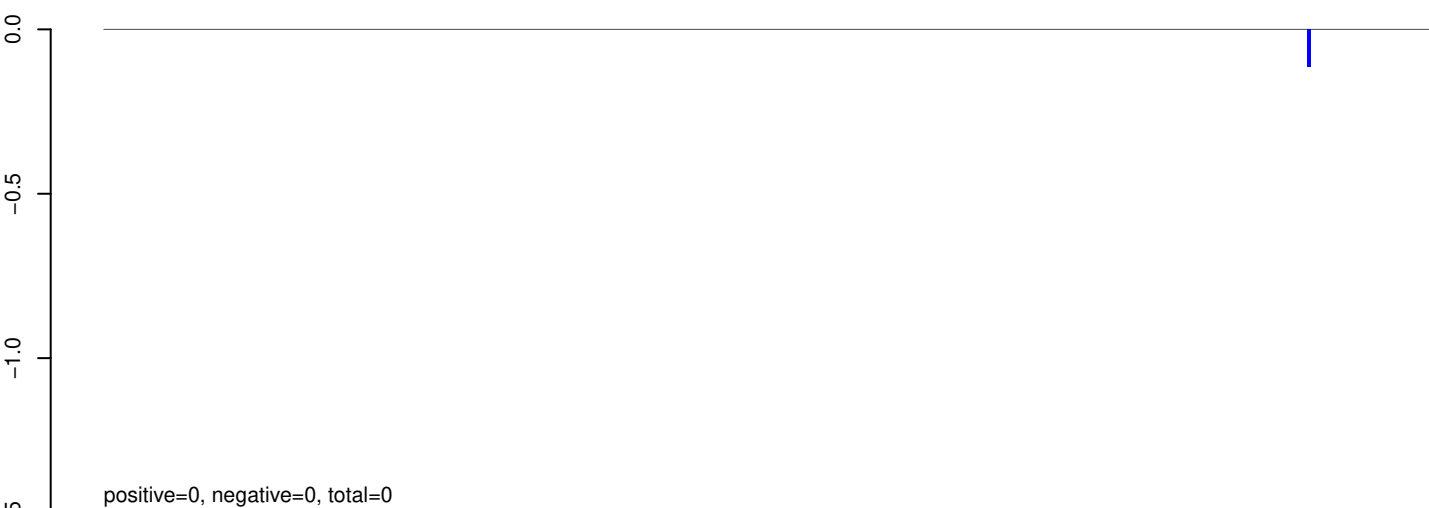


**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



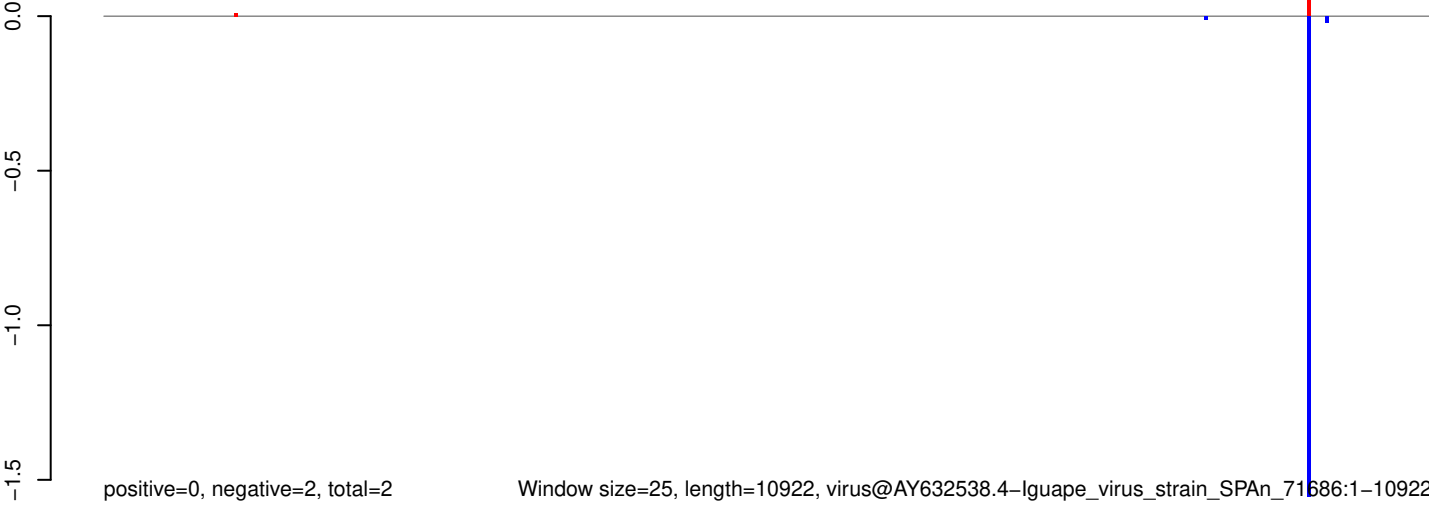
positive=0, negative=1, total=2

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



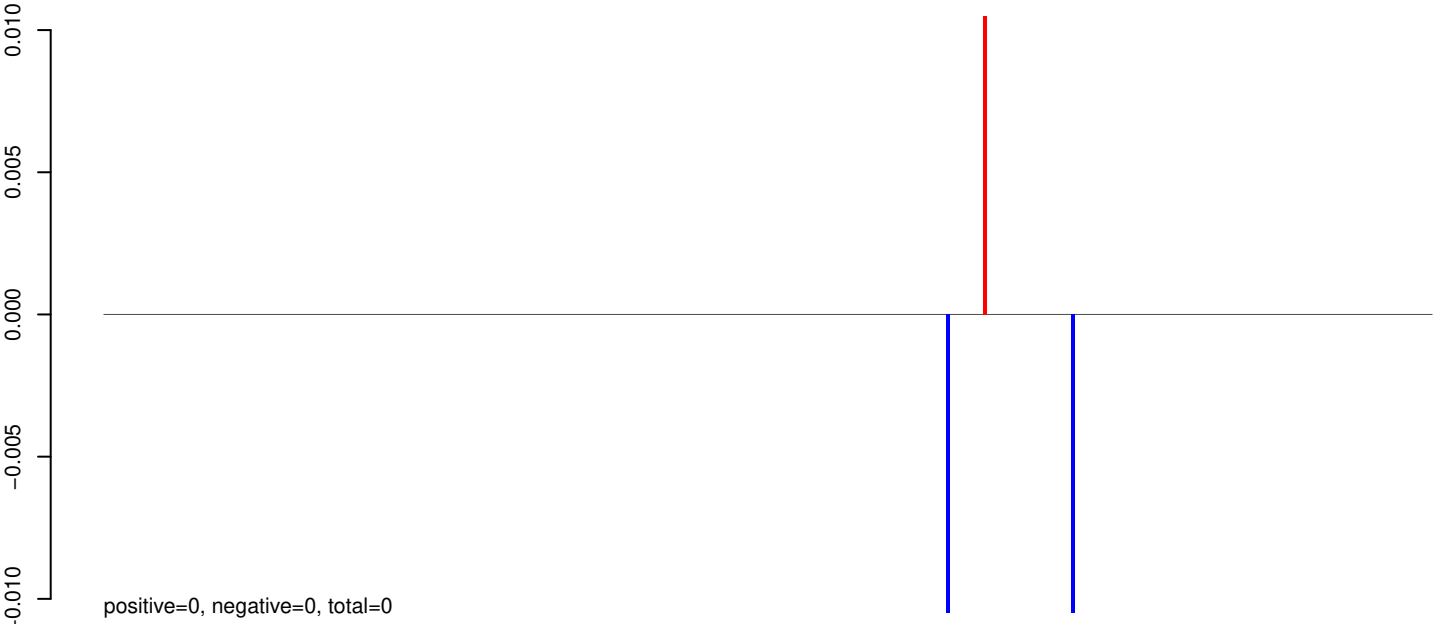
positive=0, negative=2, total=2

Window size=25, length=10922, virus@AY632538.4-Iguape\_virus\_strain\_SPAn\_71686:1-10922

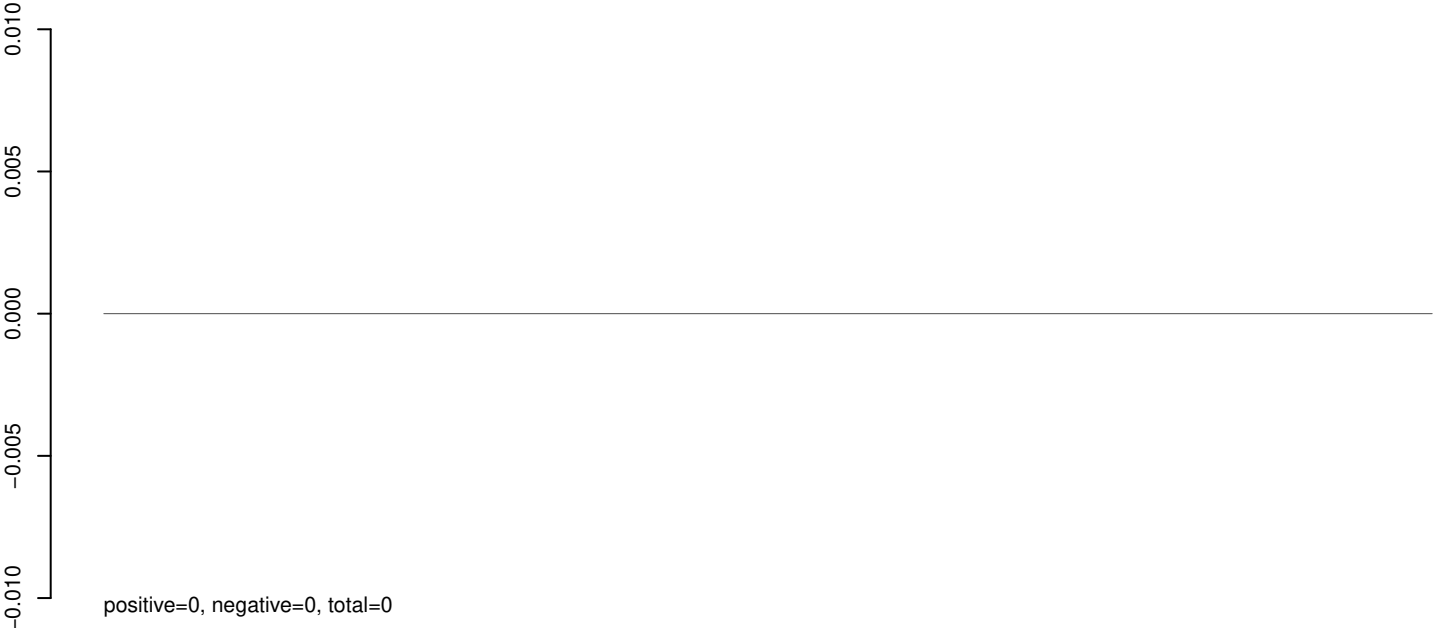
0 2000 4000 6000 8000 10000



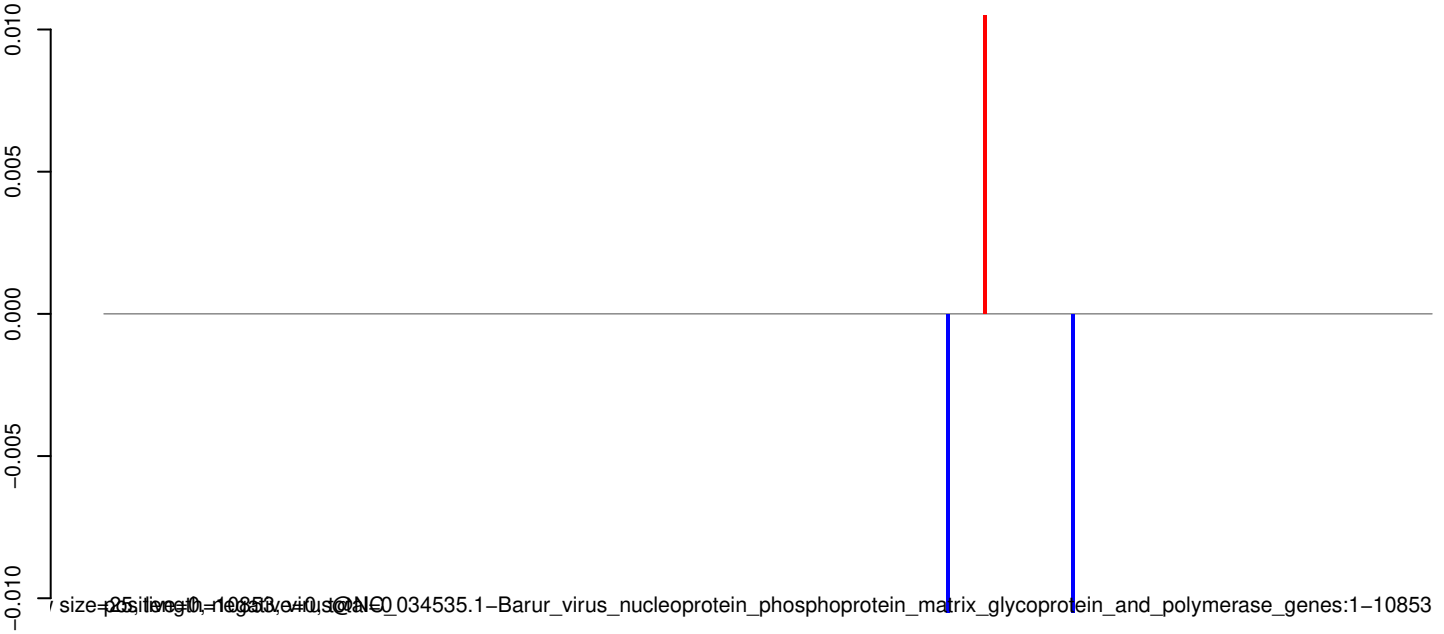
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



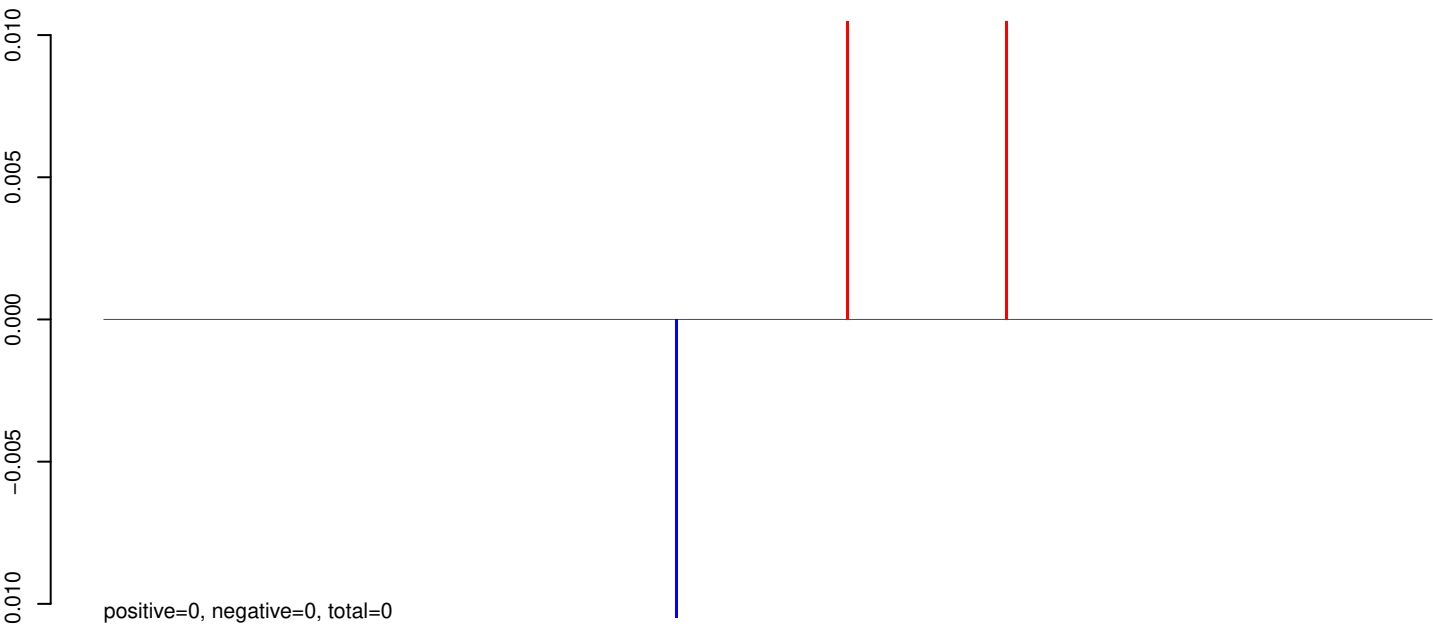
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



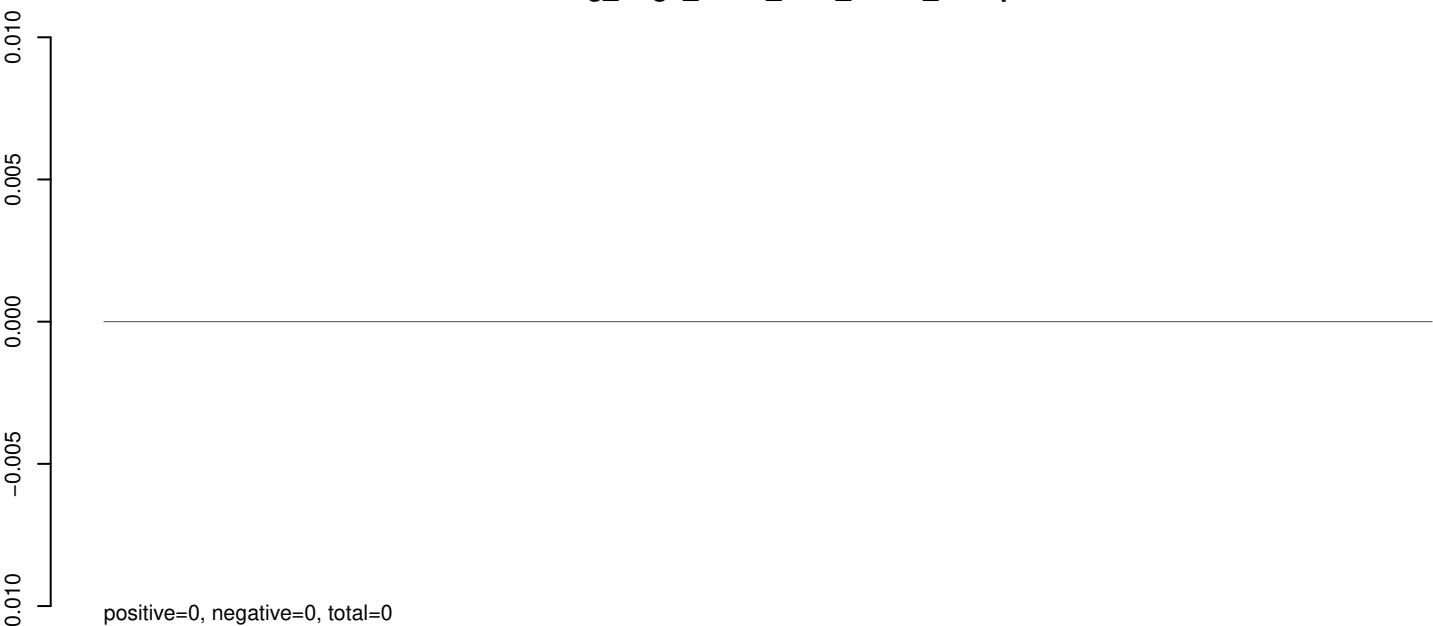
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



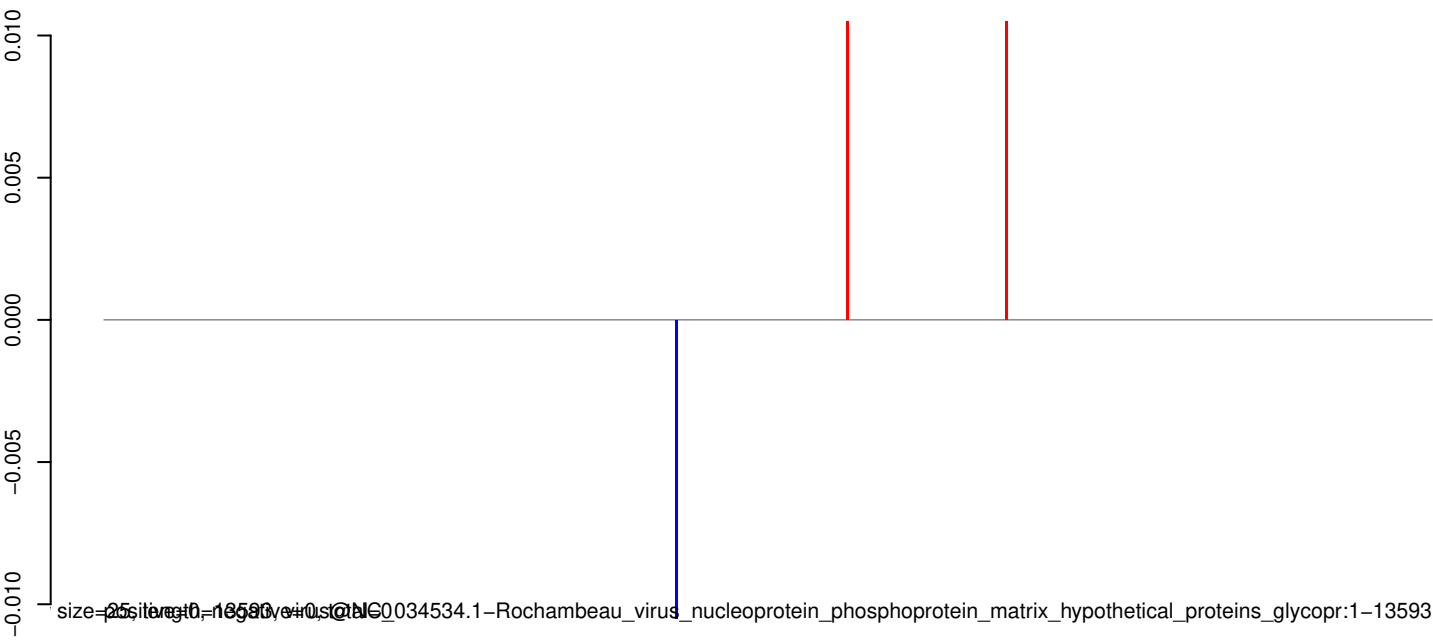
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



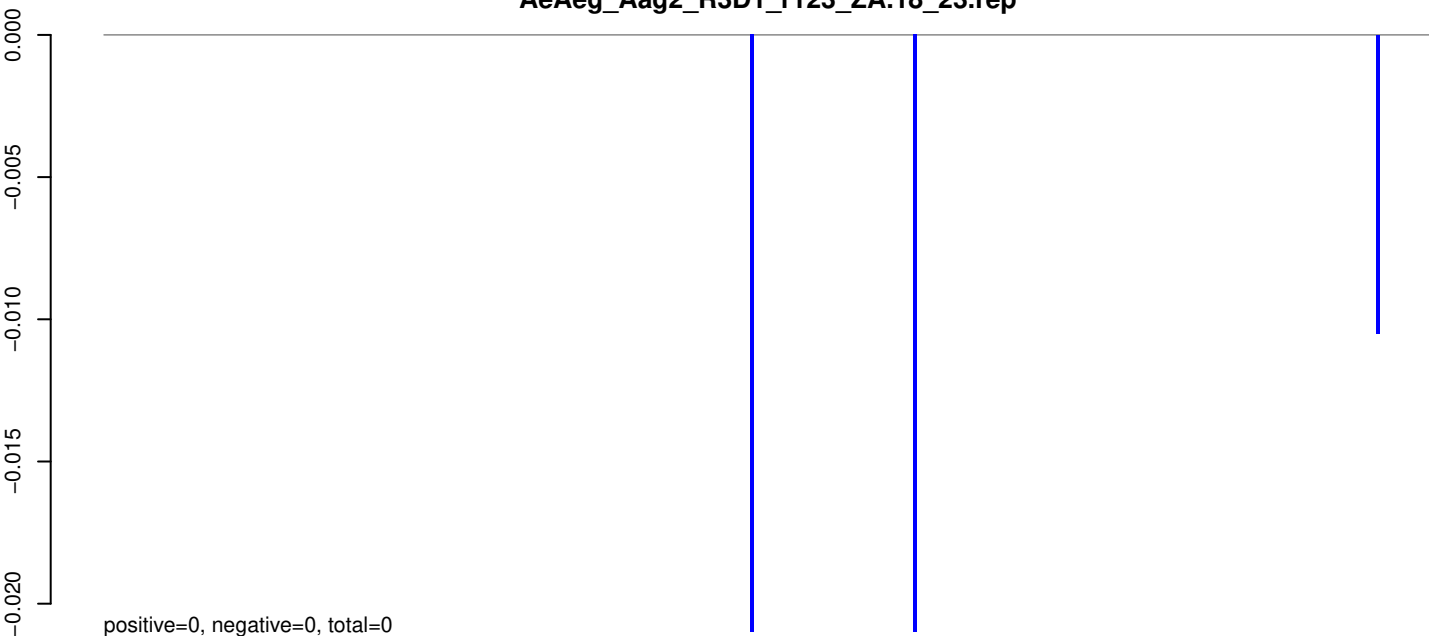
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



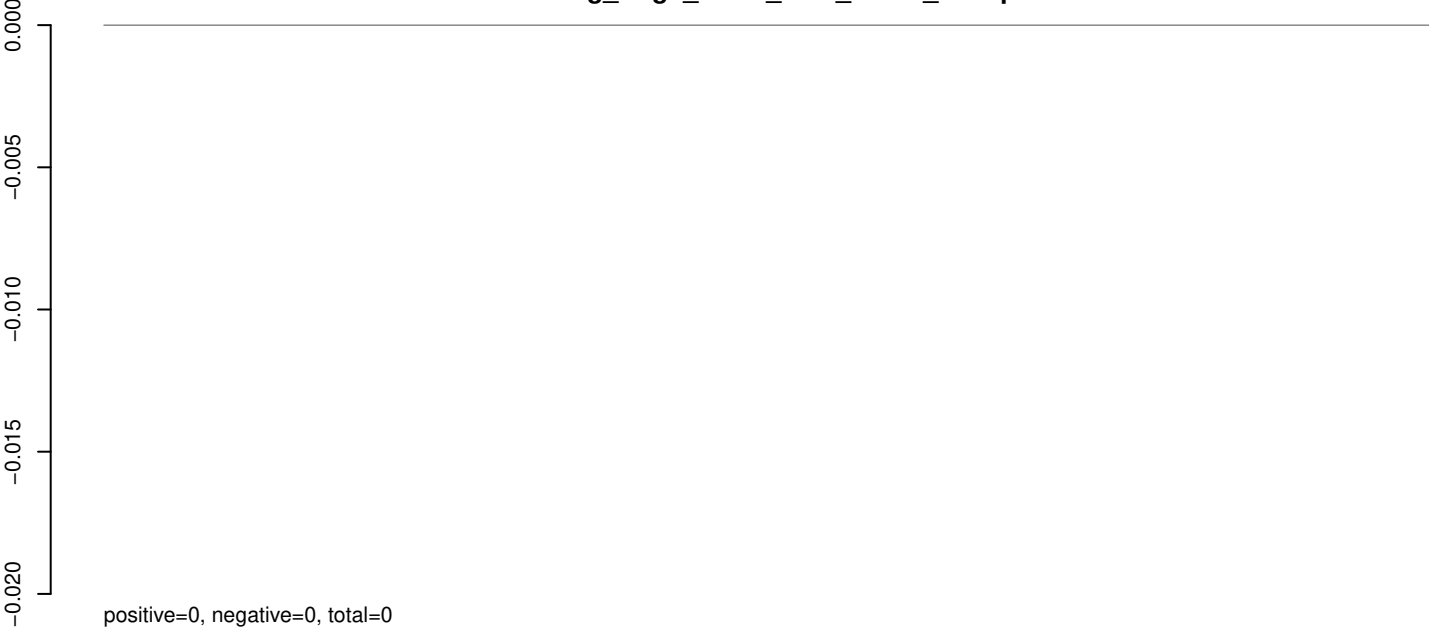
NC\_003453.1-Rochambeau\_virus\_nucleoprotein\_phosphoprotein\_matrix\_hypothetical\_proteins\_glycopr:1-13593

0 2000 4000 6000 8000 10000 12000 14000

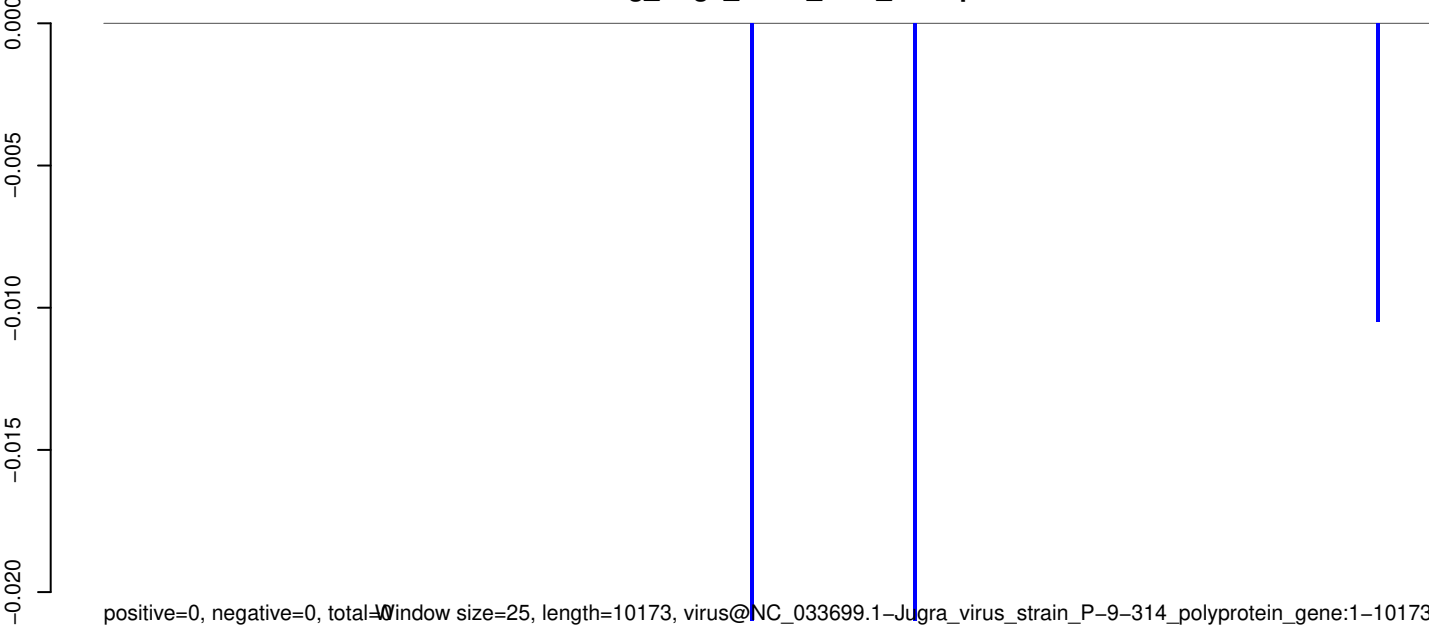
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



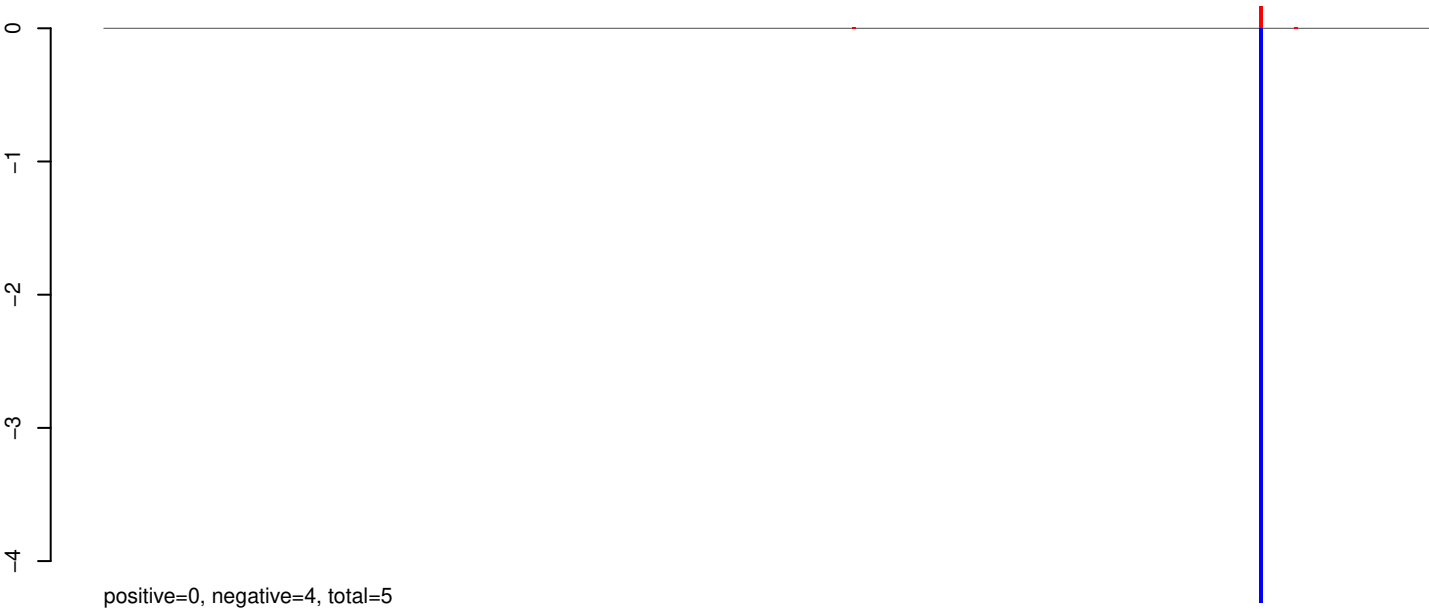
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

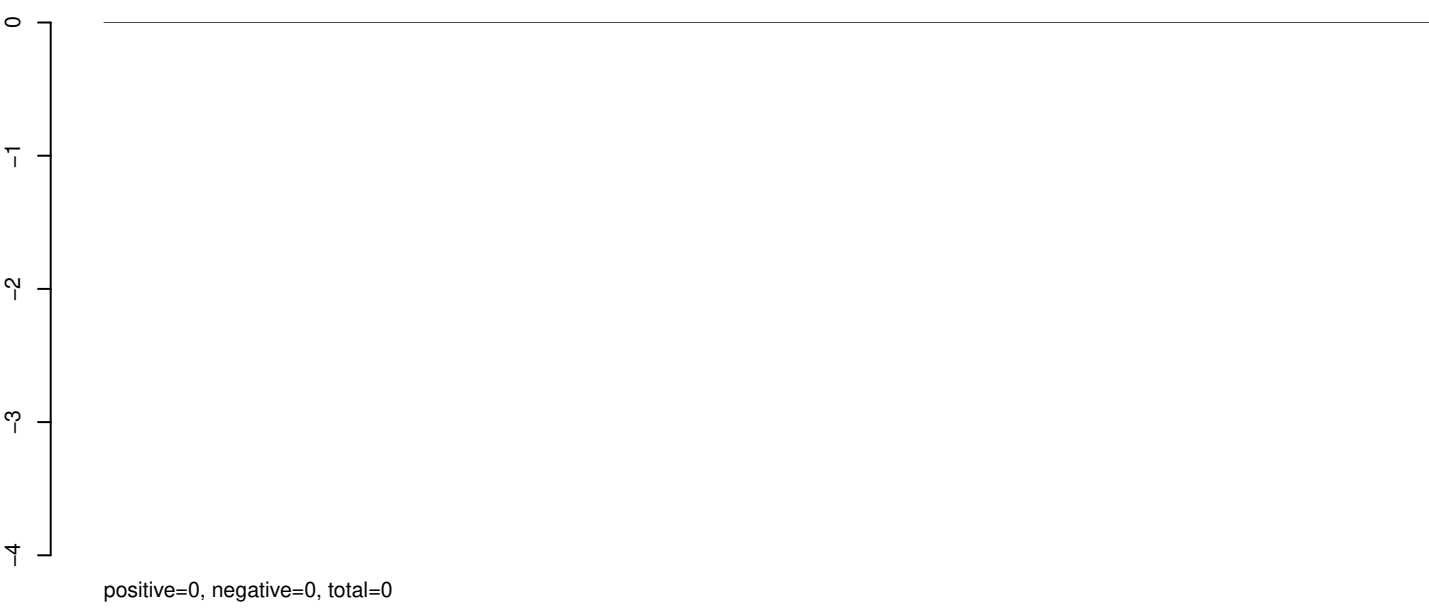


**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



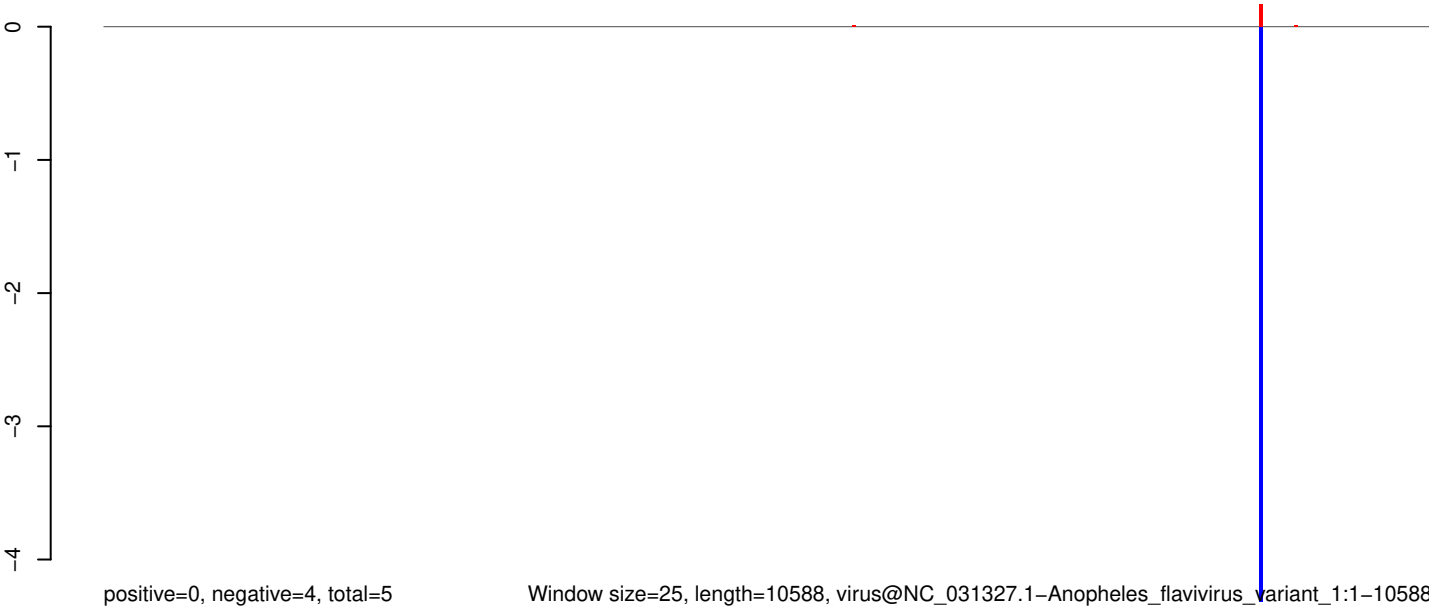
positive=0, negative=4, total=5

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

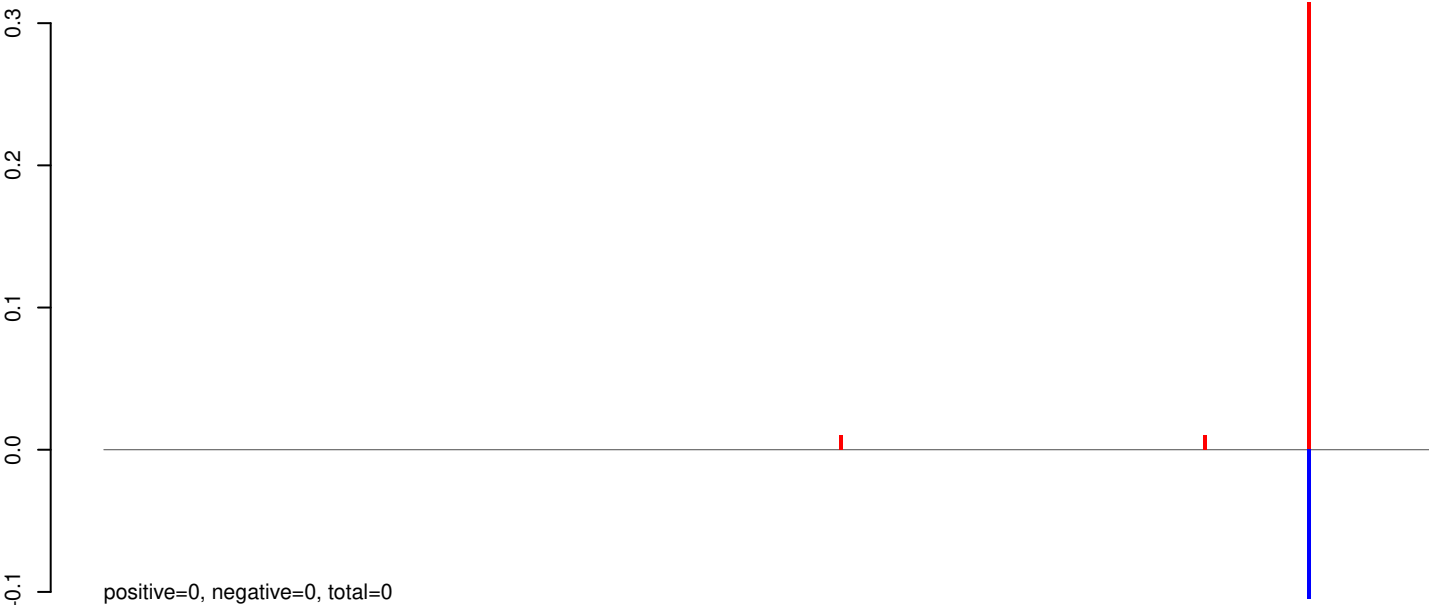


positive=0, negative=4, total=5

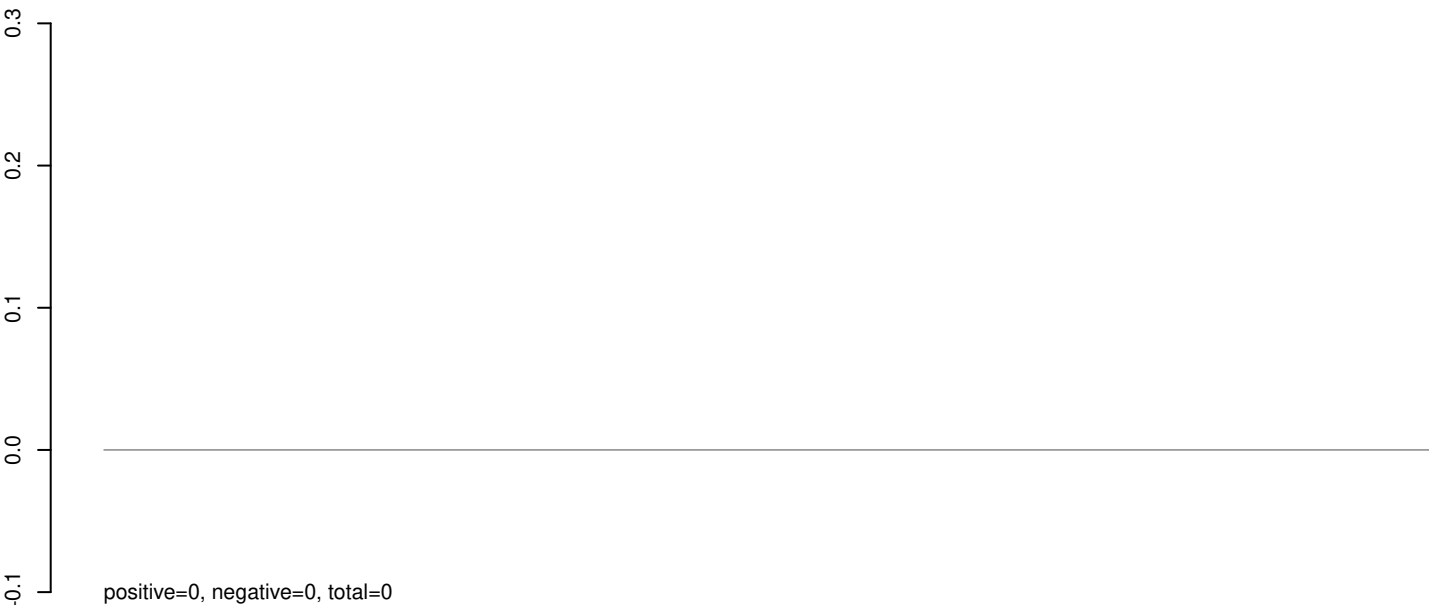
Window size=25, length=10588, virus@NC\_031327.1-Anopheles\_flavivirus\_variant\_1:1-10588

0 2000 4000 6000 8000 10000

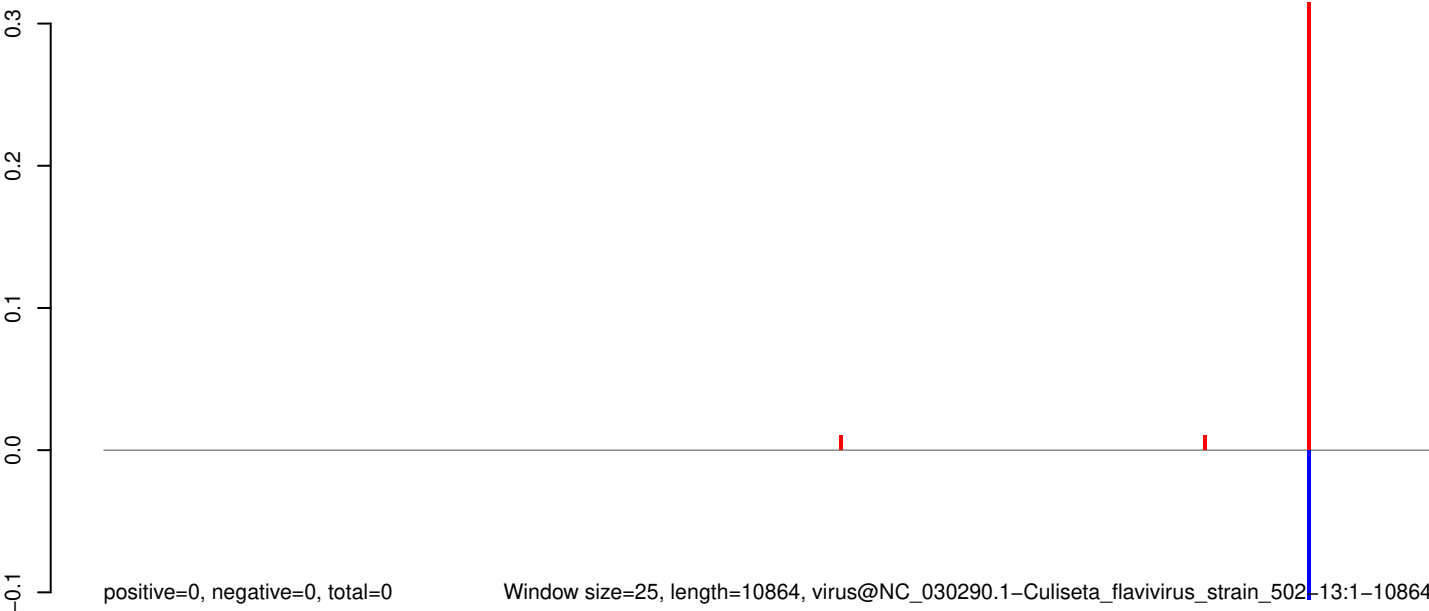
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



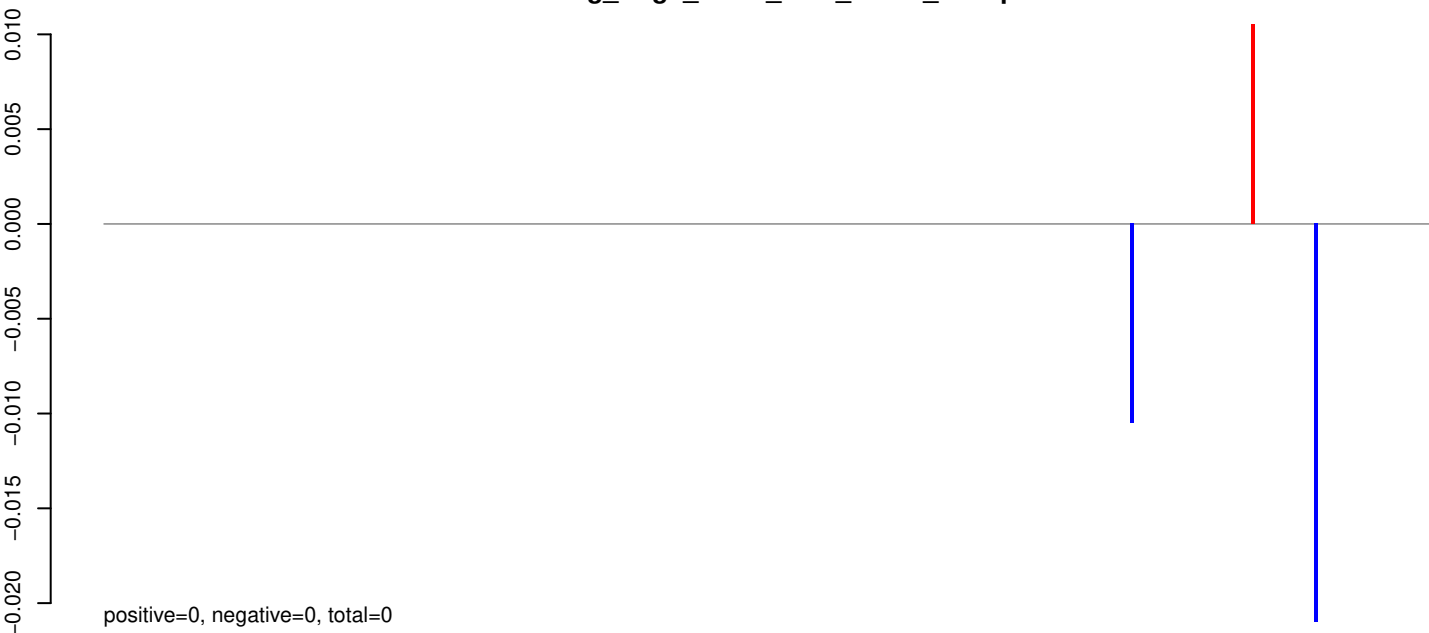
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



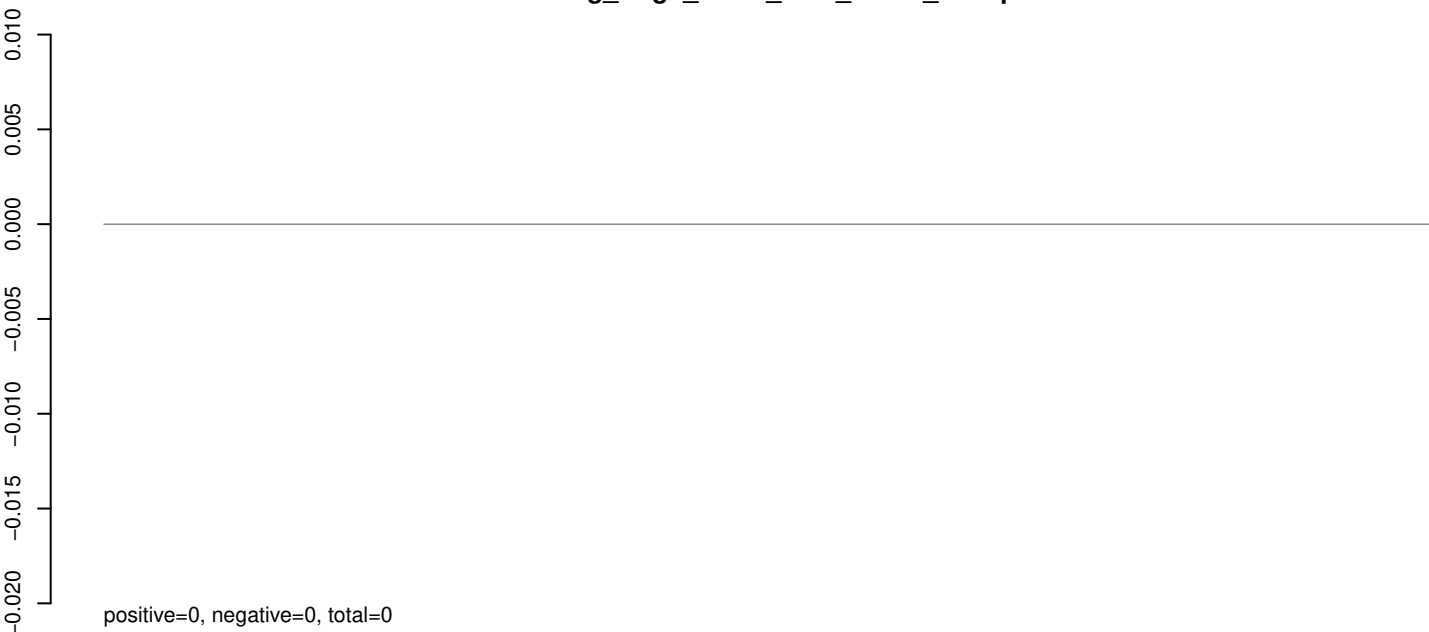
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

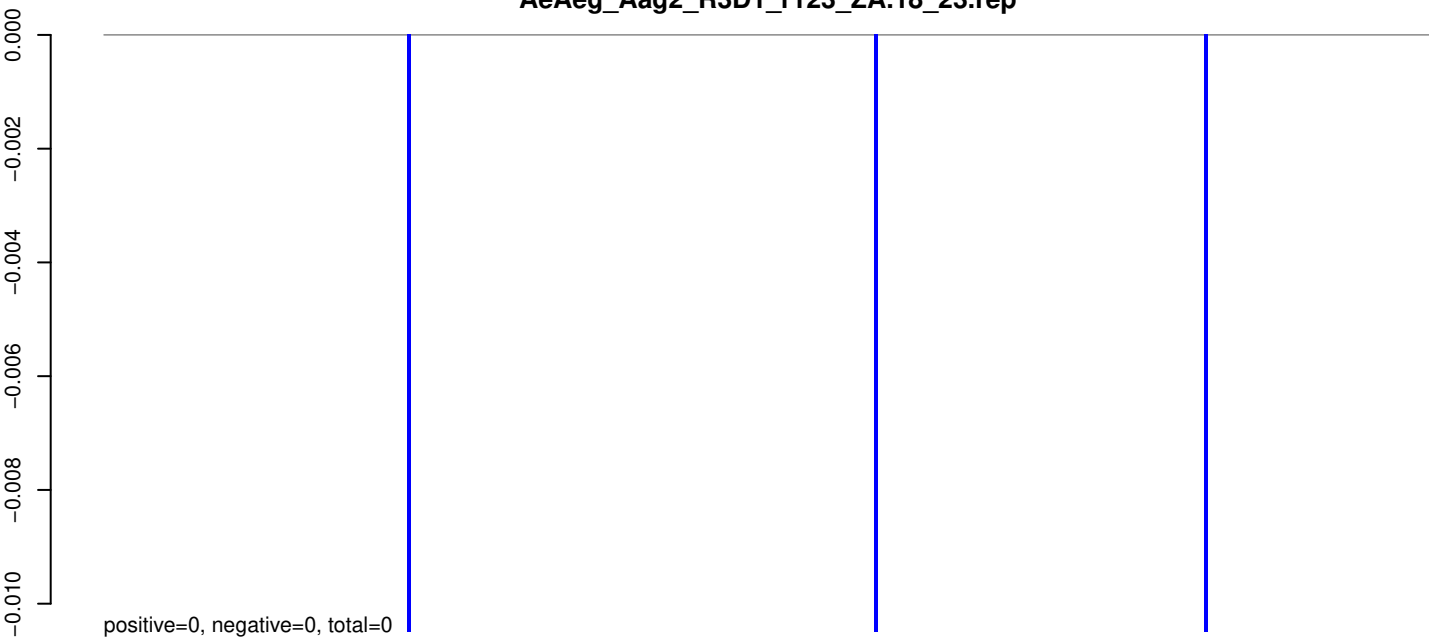


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**





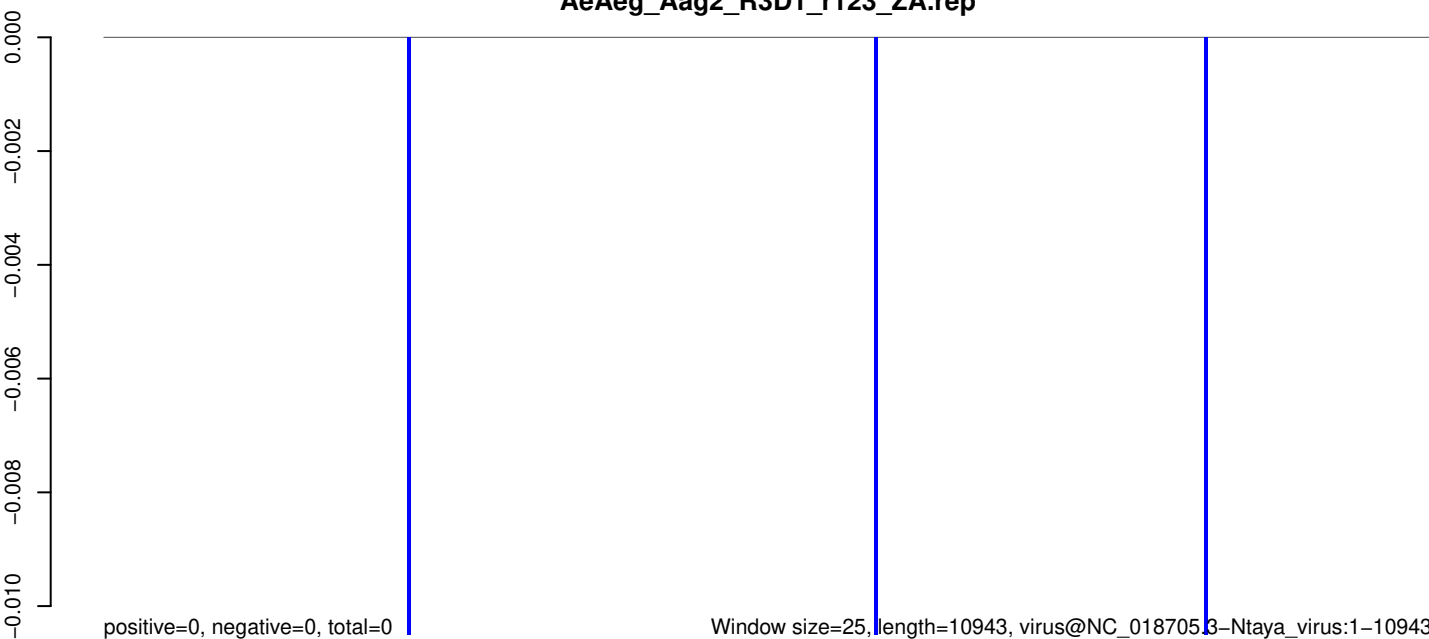
AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep



AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep

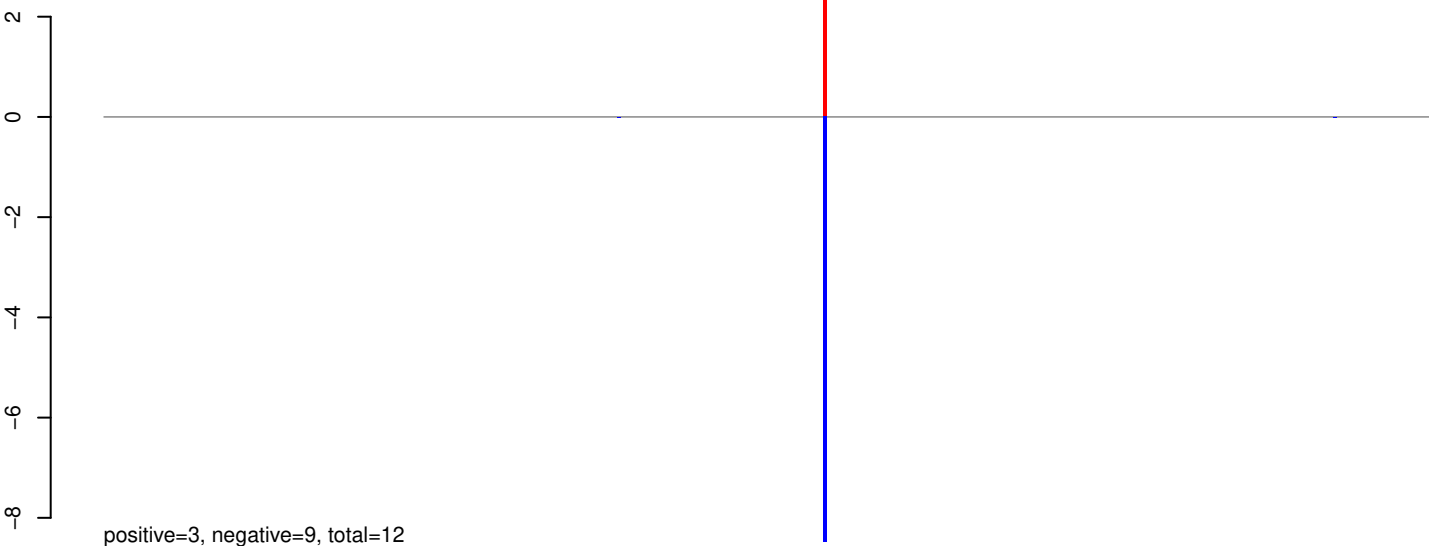


AeAeg\_Aag2\_R3D1\_r123\_ZA.rep



0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



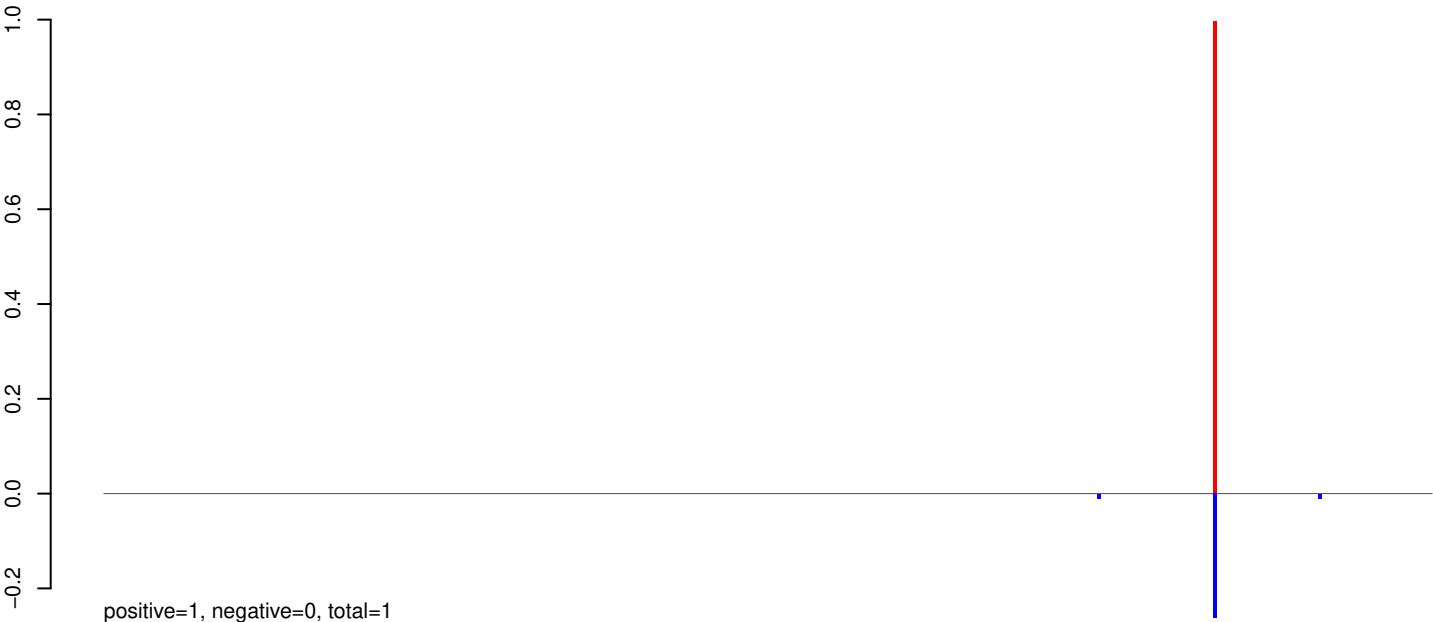
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



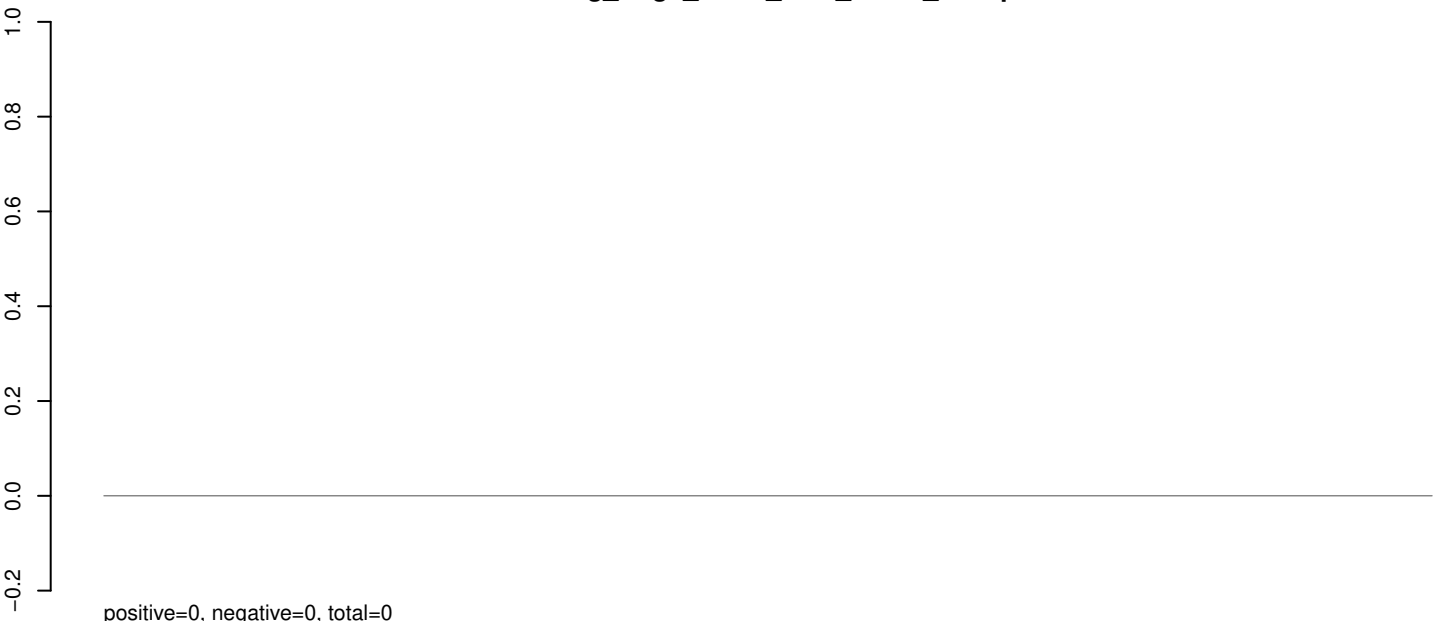
Window size=25, length=10791, virus@NC\_016997.1-Donggang\_virus:1-10791

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



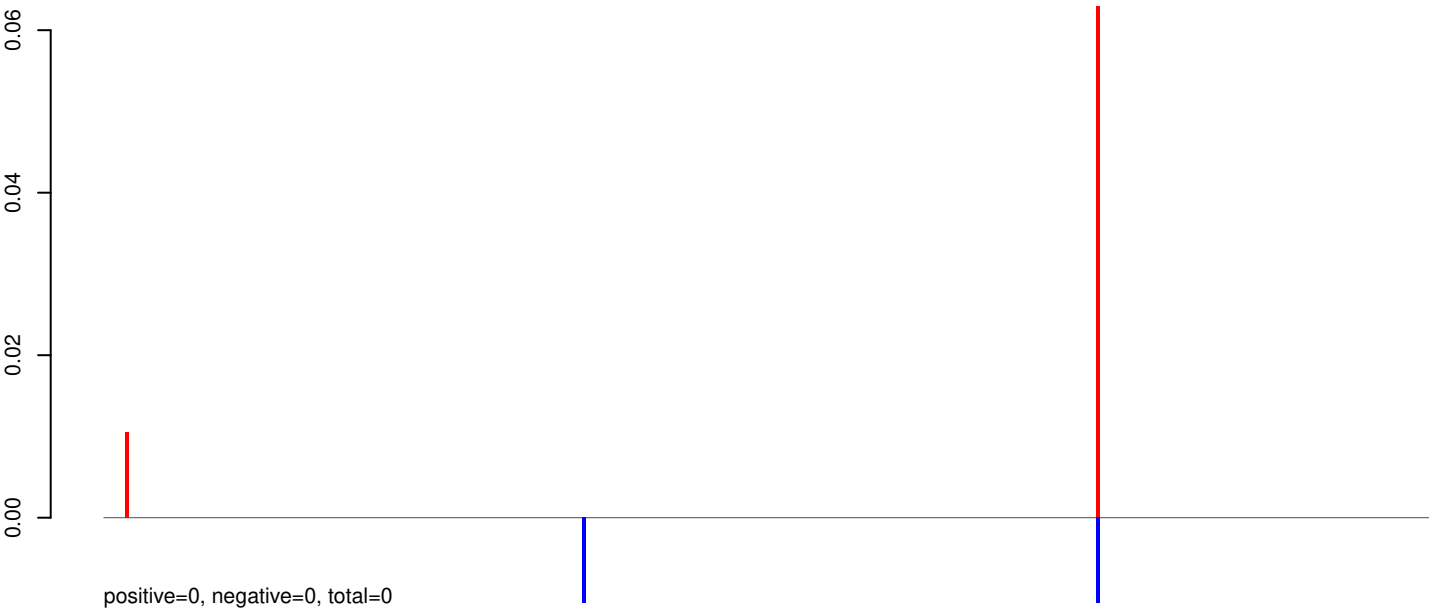
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



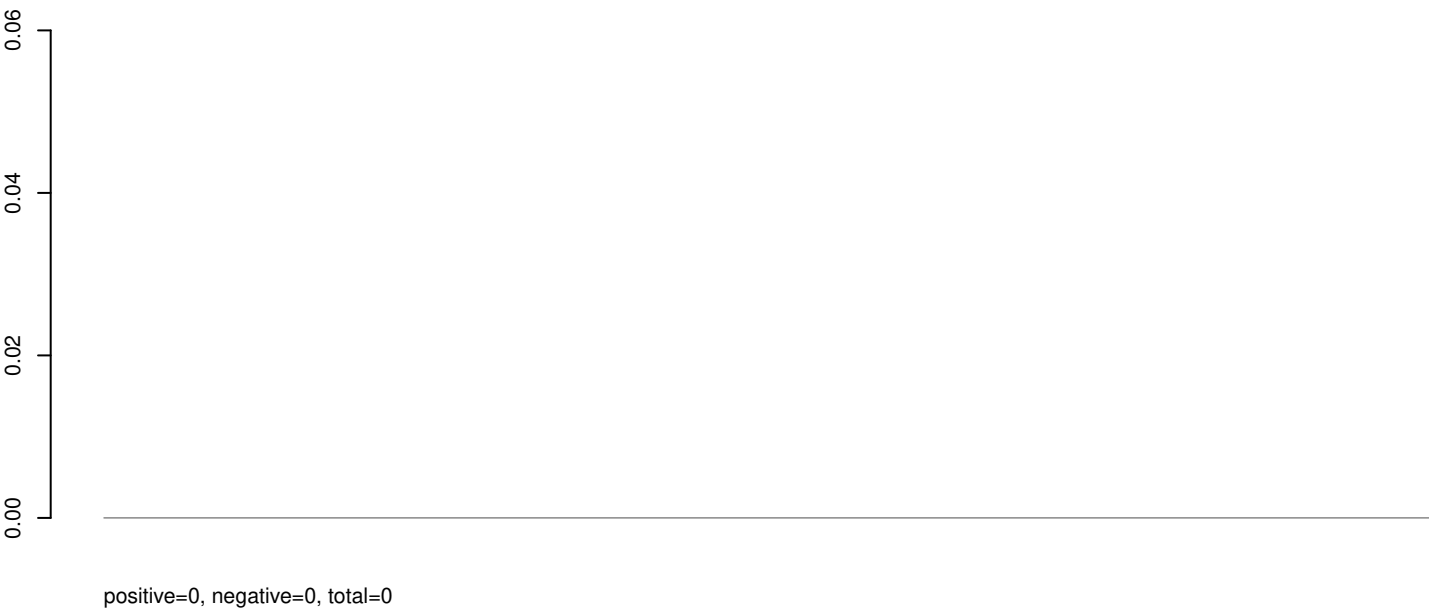
Window size=25, length=10793, virus@NC\_008719.1-Sepik\_virus:1-10793

0 2000 4000 6000 8000 10000

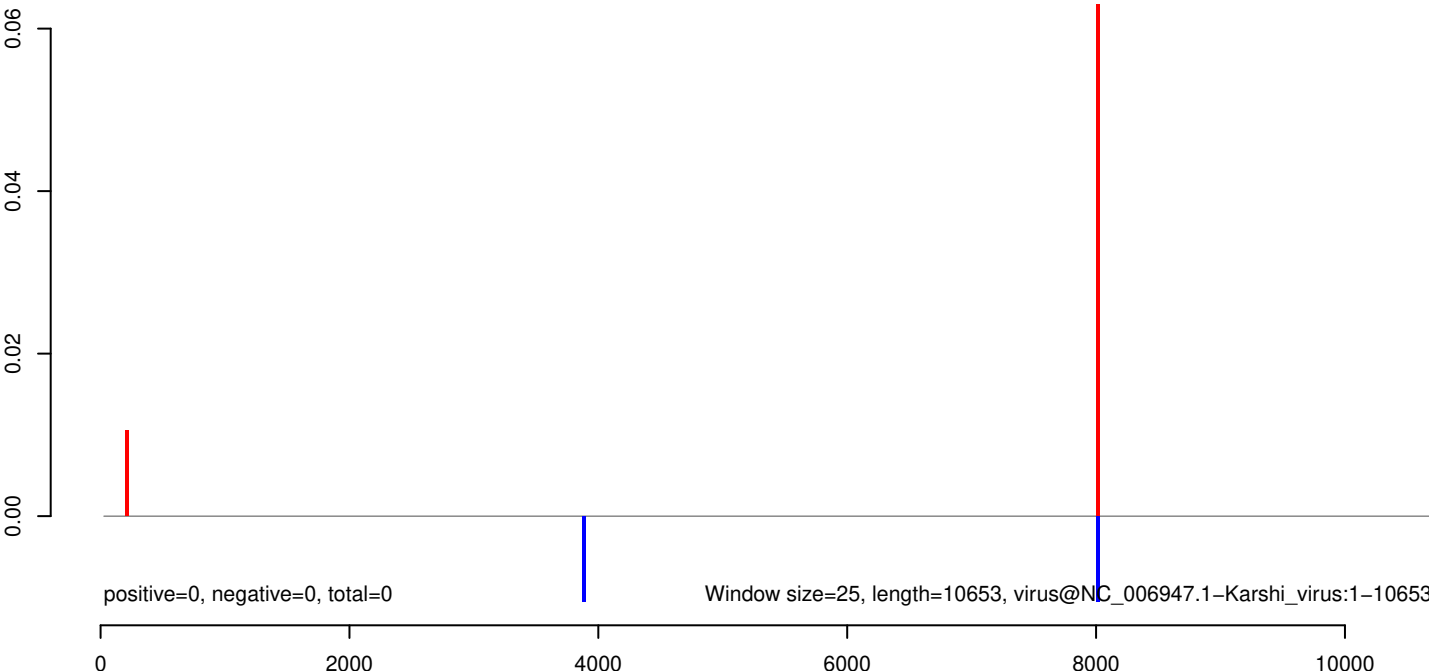
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



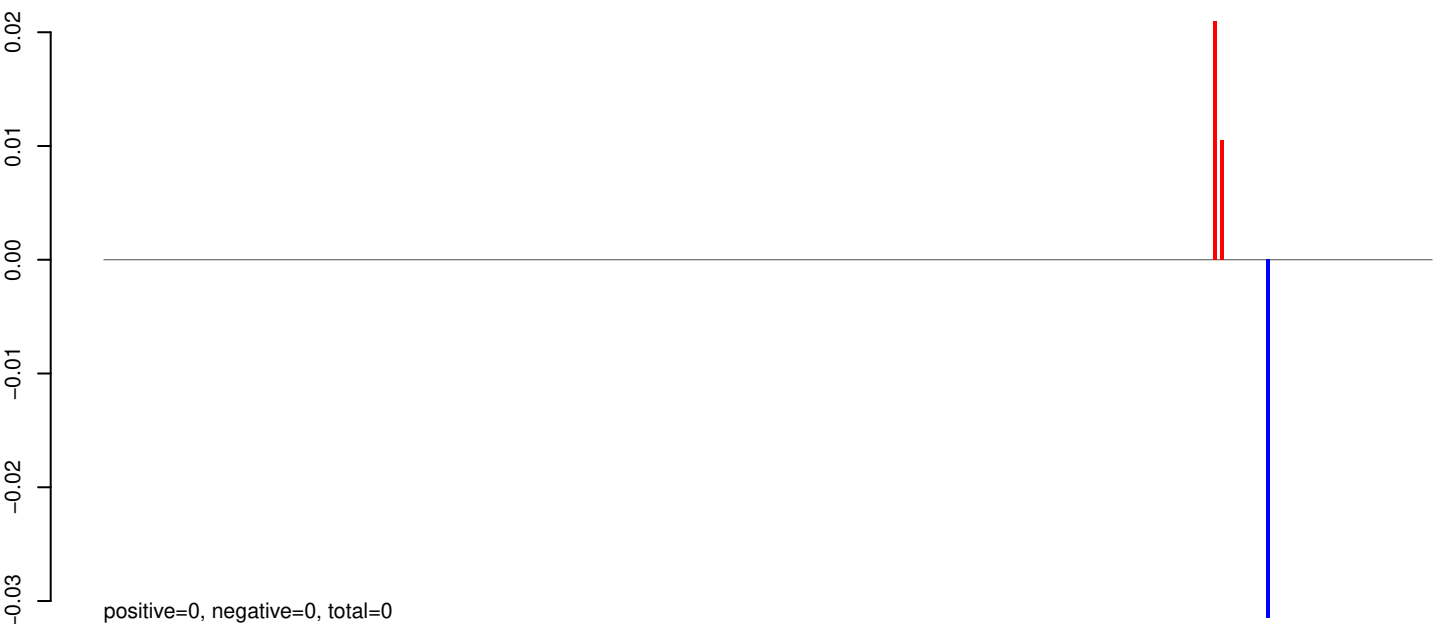
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



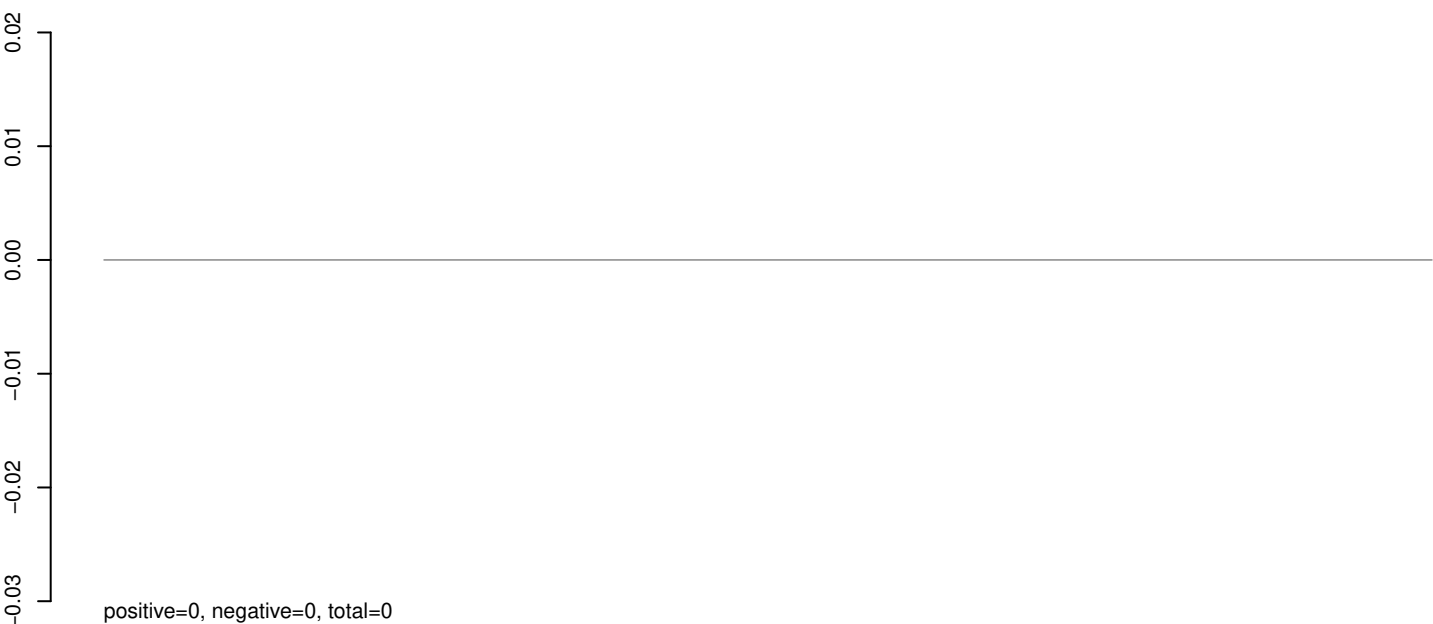
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



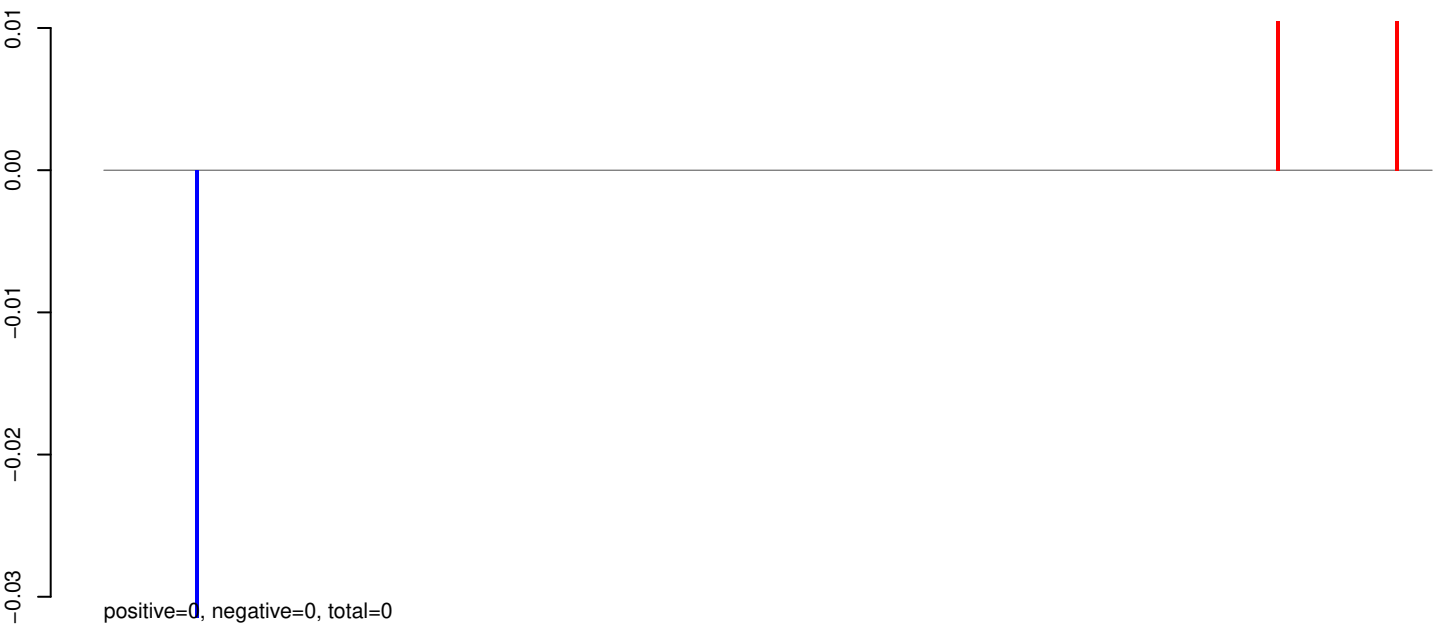
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



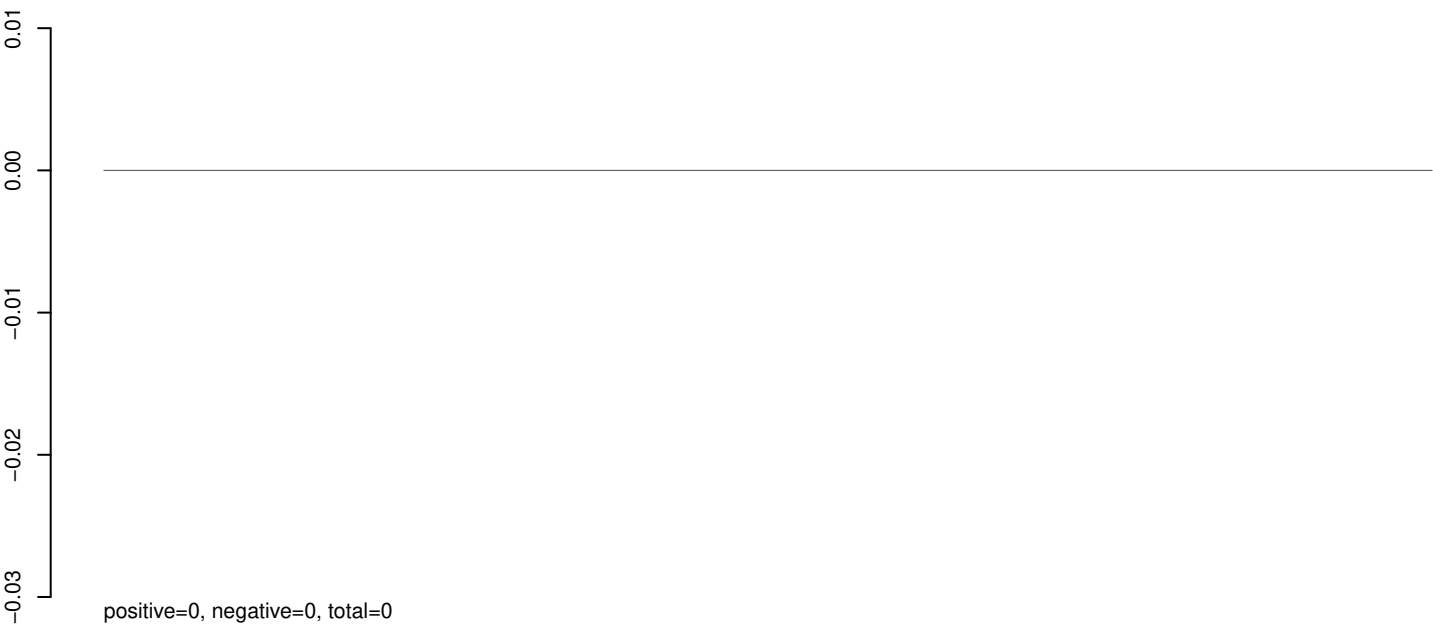
Window size=25, length=10787, virus@NC\_005062.1-Omsk\_hemorrhagic\_fever\_virus:1-10787

0 2000 4000 6000 8000 10000

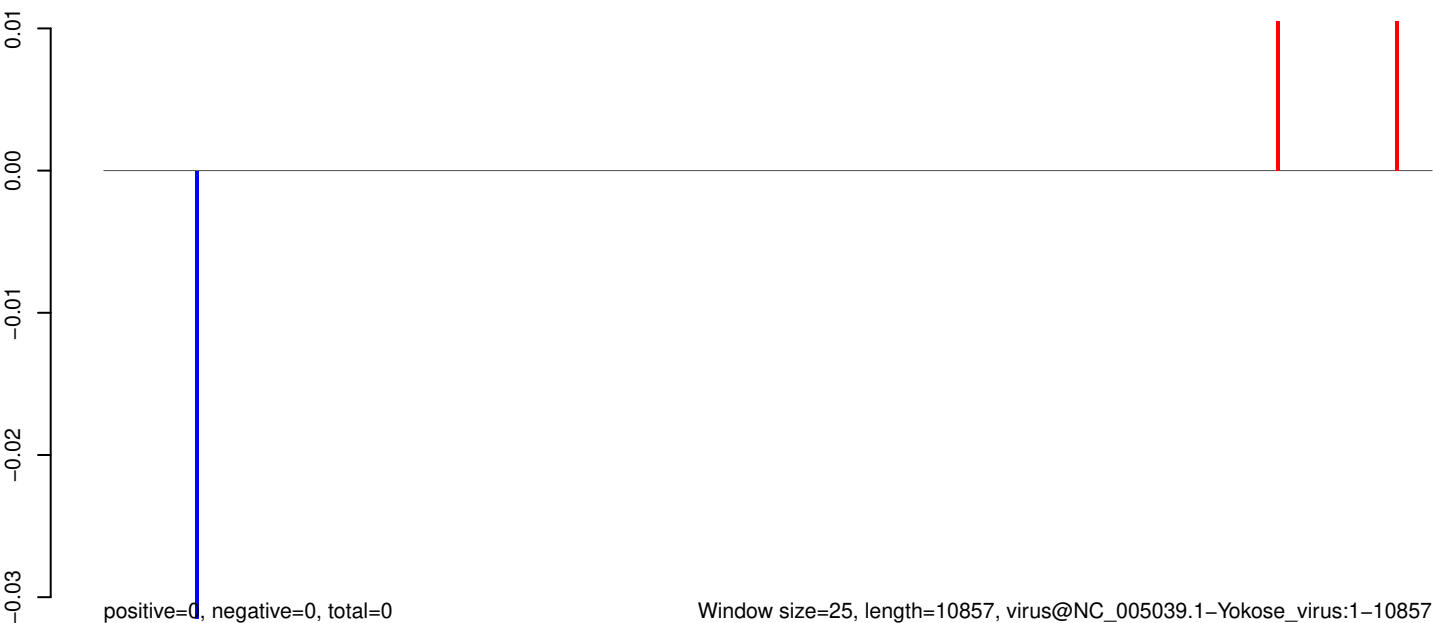
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



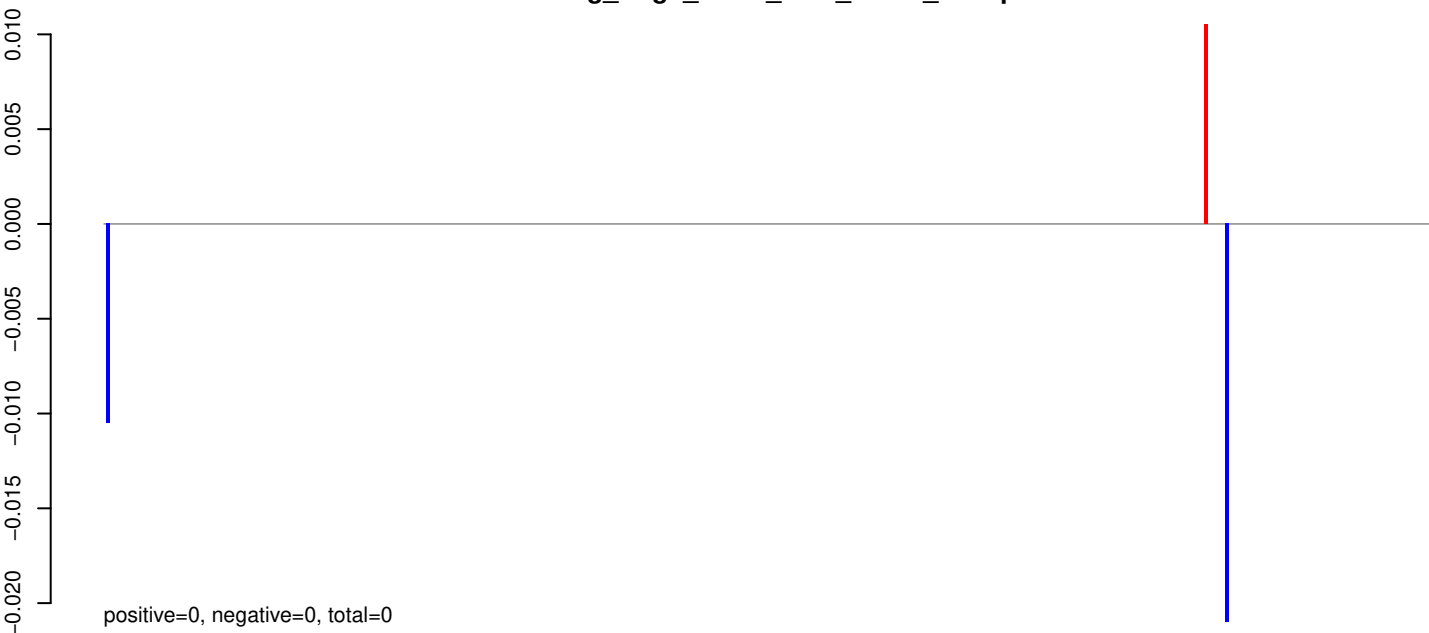
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



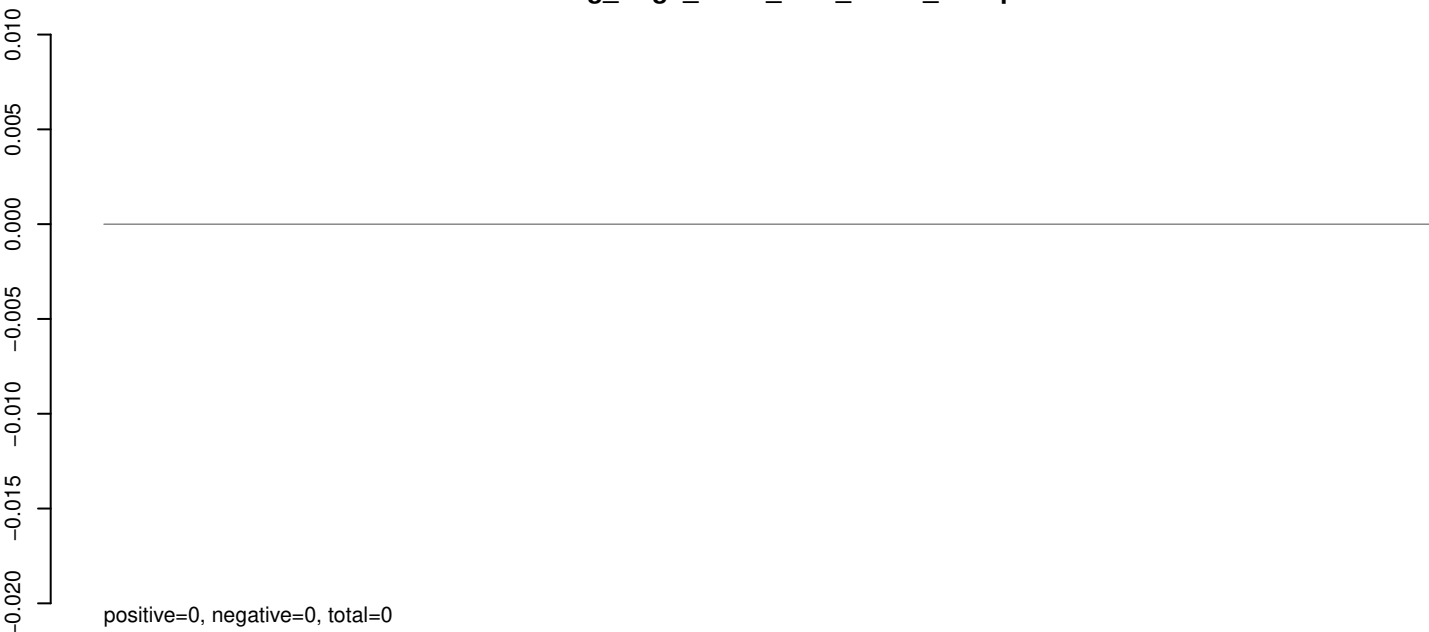
Window size=25, length=10857, virus@NC\_005039.1-Yokose\_virus:1-10857

0 2000 4000 6000 8000 10000

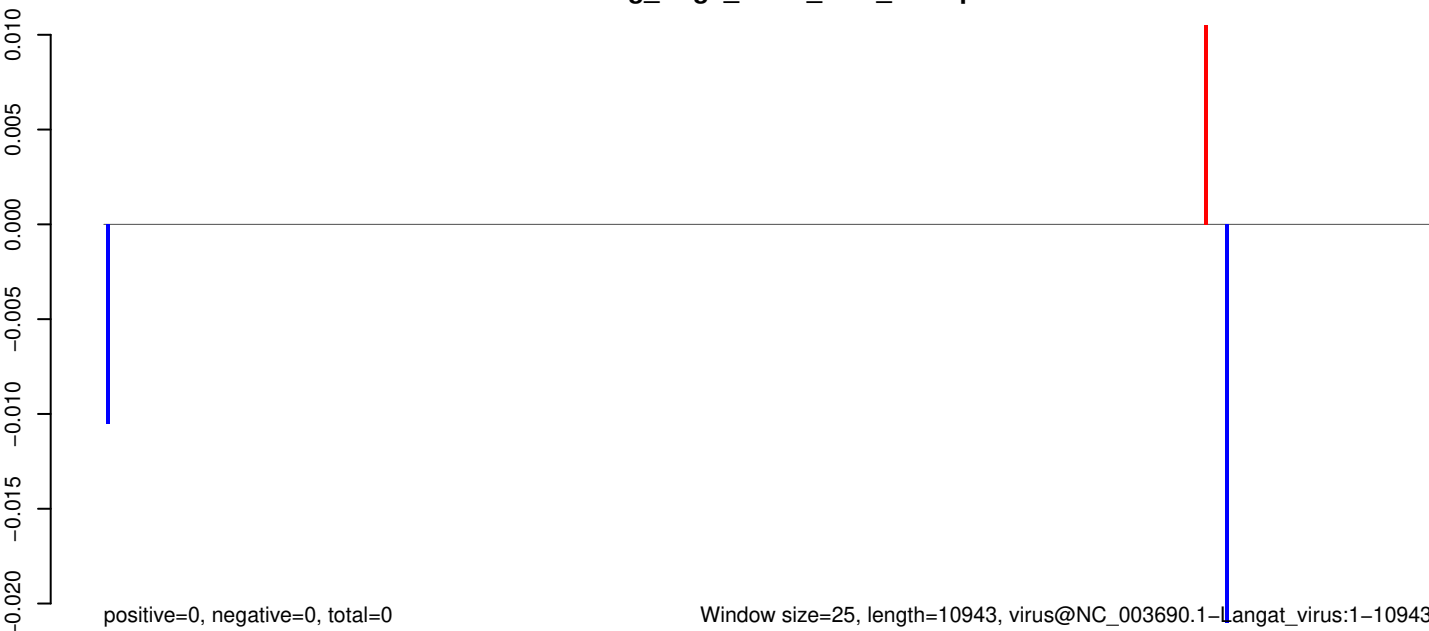
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



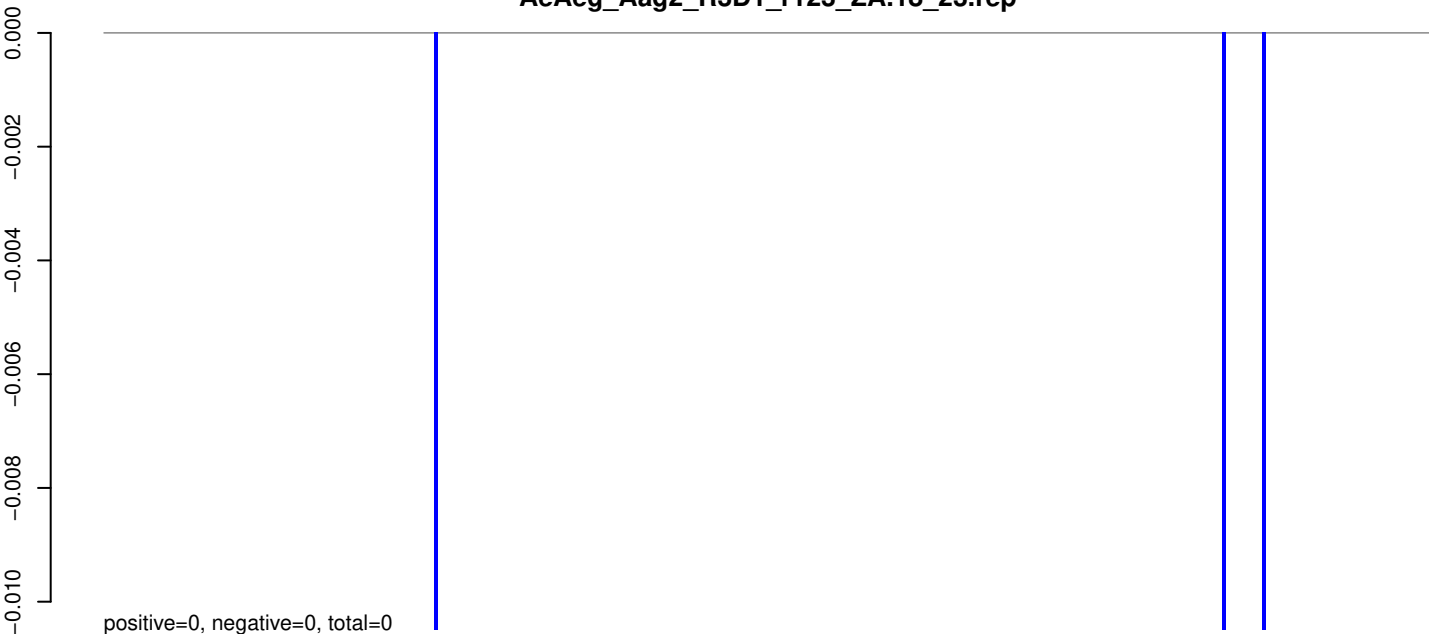
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



Window size=25, length=10943, virus@NC\_003690.1-Langat\_virus:1-10943

0 2000 4000 6000 8000 10000

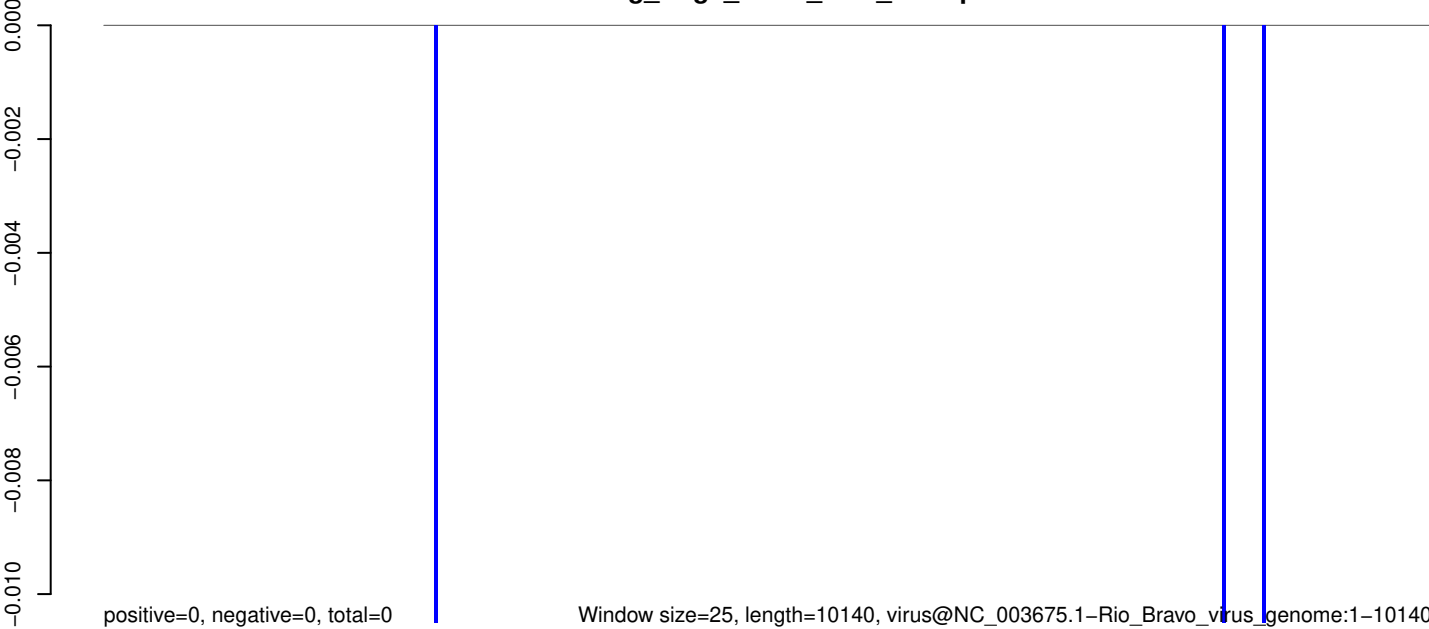
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

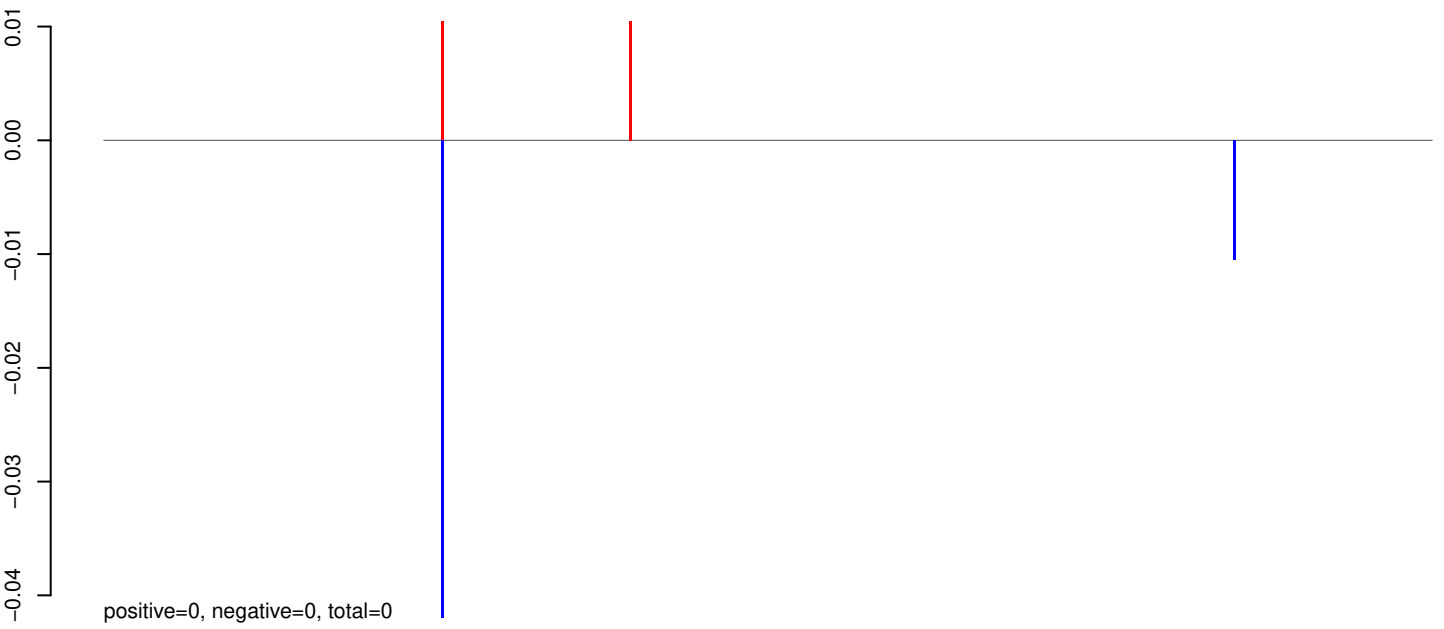


Window size=25, length=10140, virus@NC\_003675.1-Rio\_Bravo\_virus\_genome:1-10140

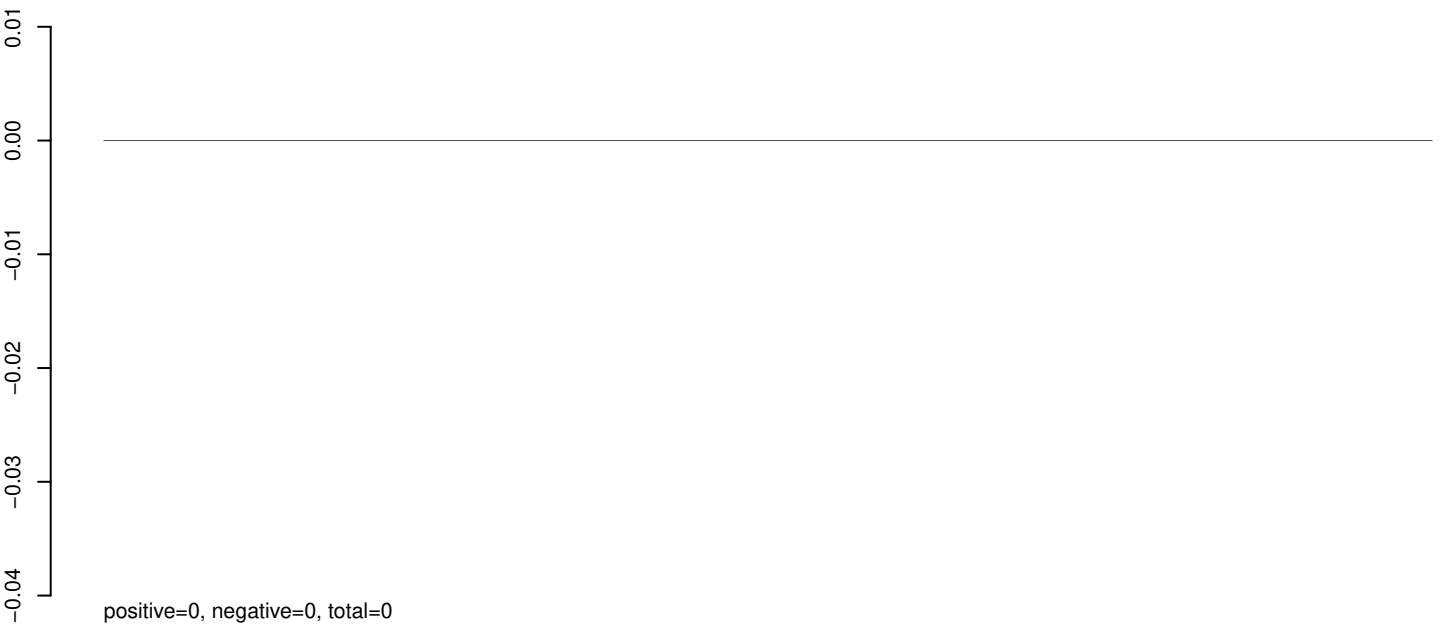
0 2000 4000 6000 8000 10000



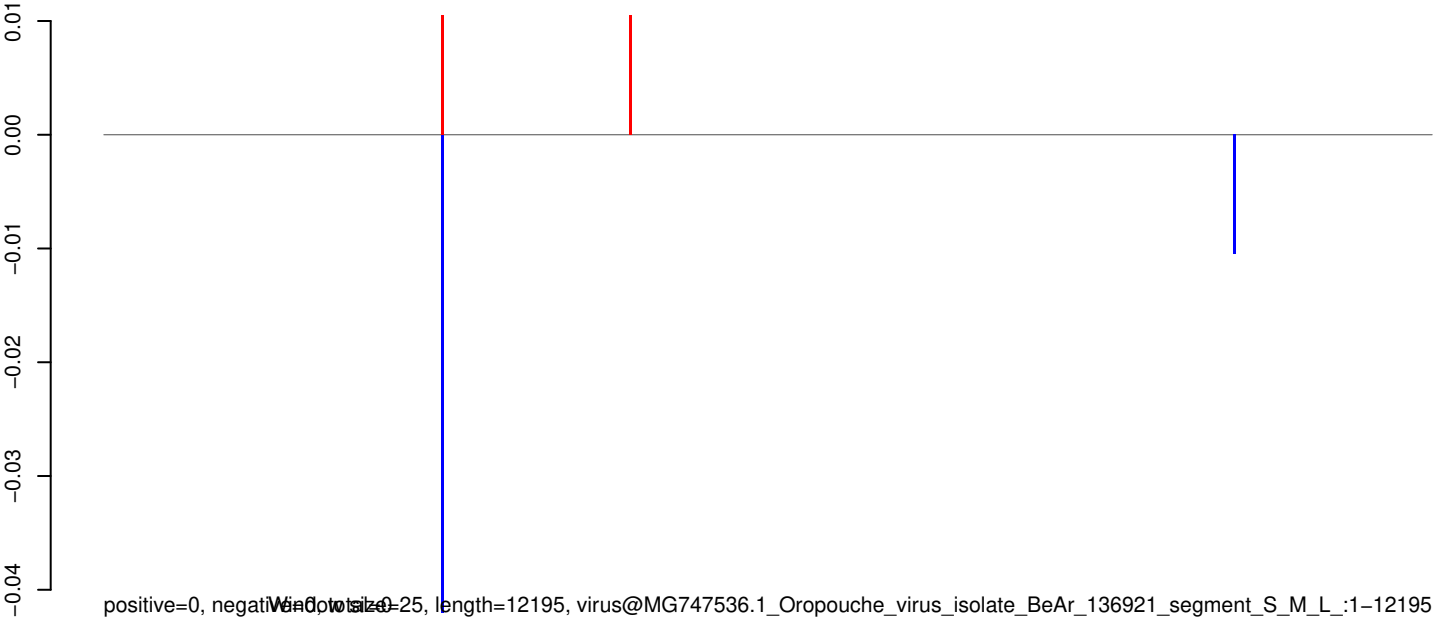
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



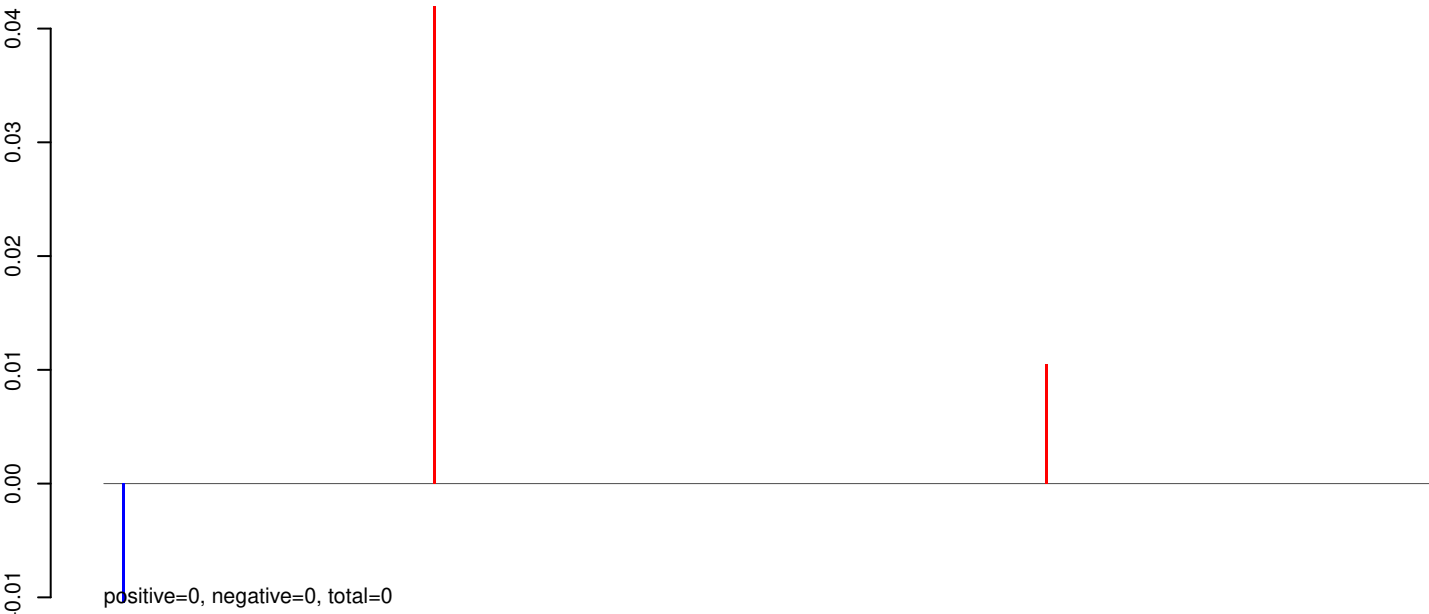
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



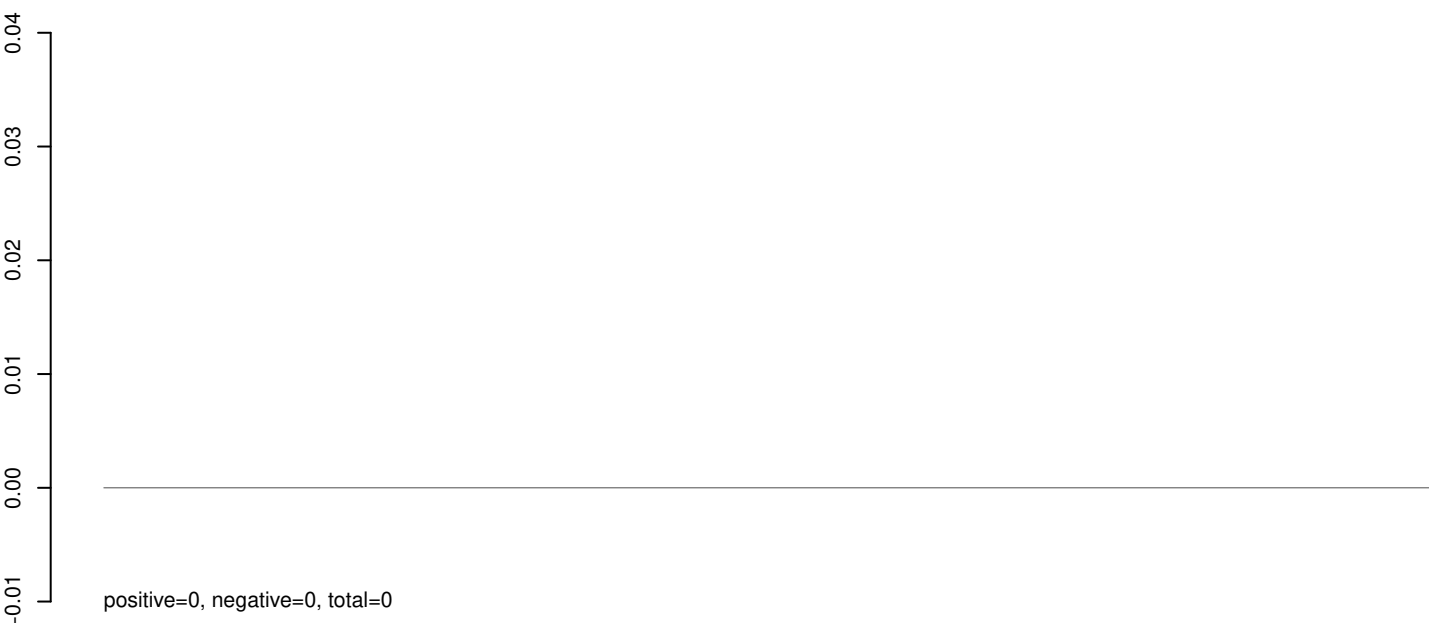
Window size=25, length=12195, virus@MG747536.1\_Oropouche\_virus\_isolate\_BeAr\_136921\_segment\_S\_M\_L\_:1-12195

0 2000 4000 6000 8000 10000 12000

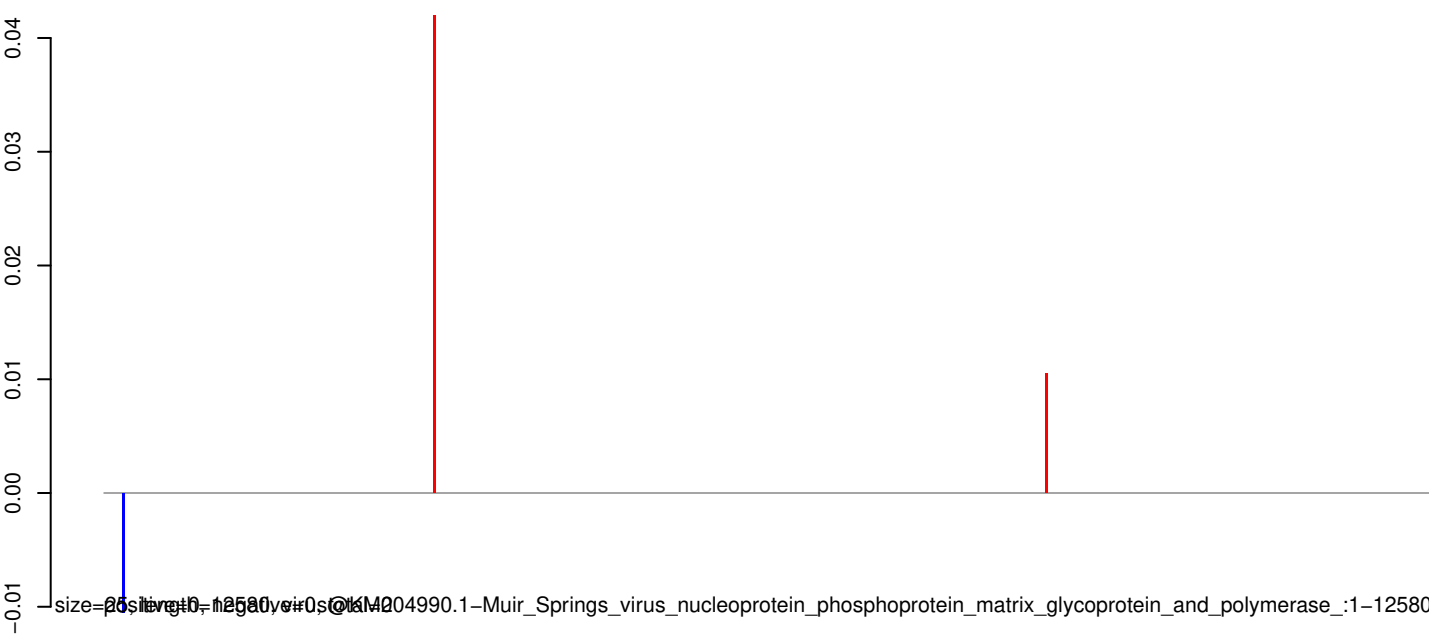
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



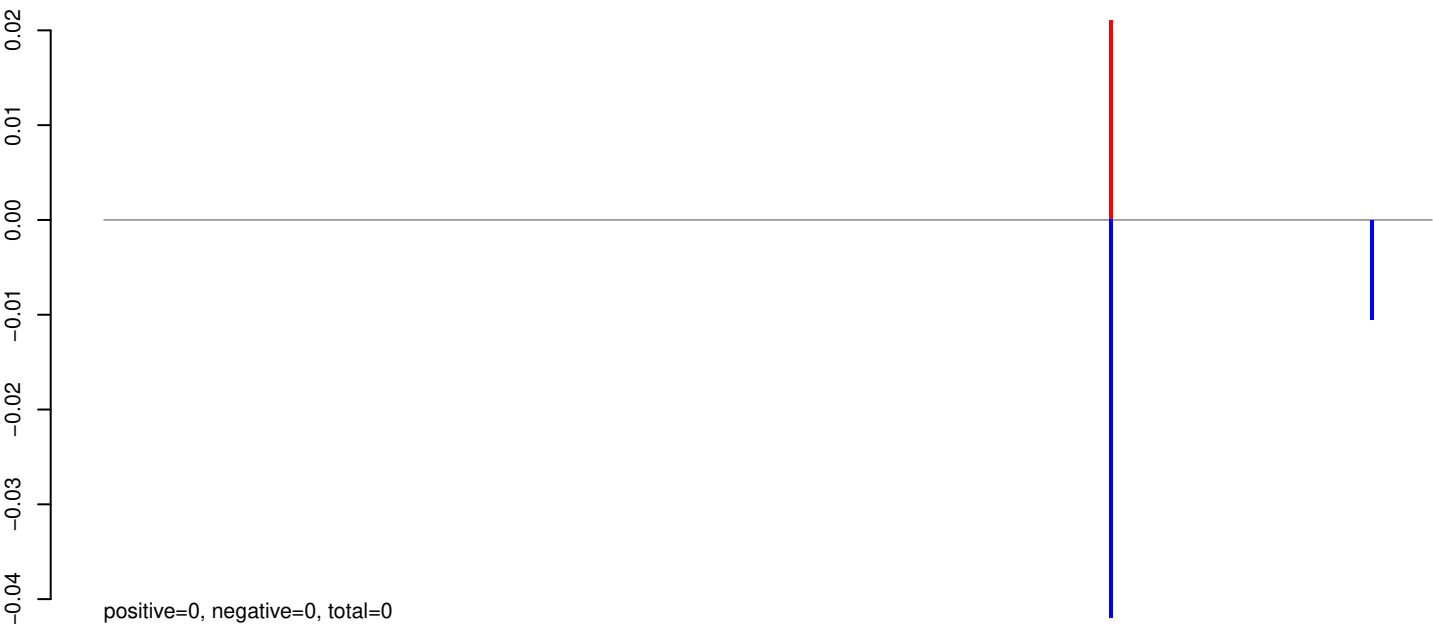
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



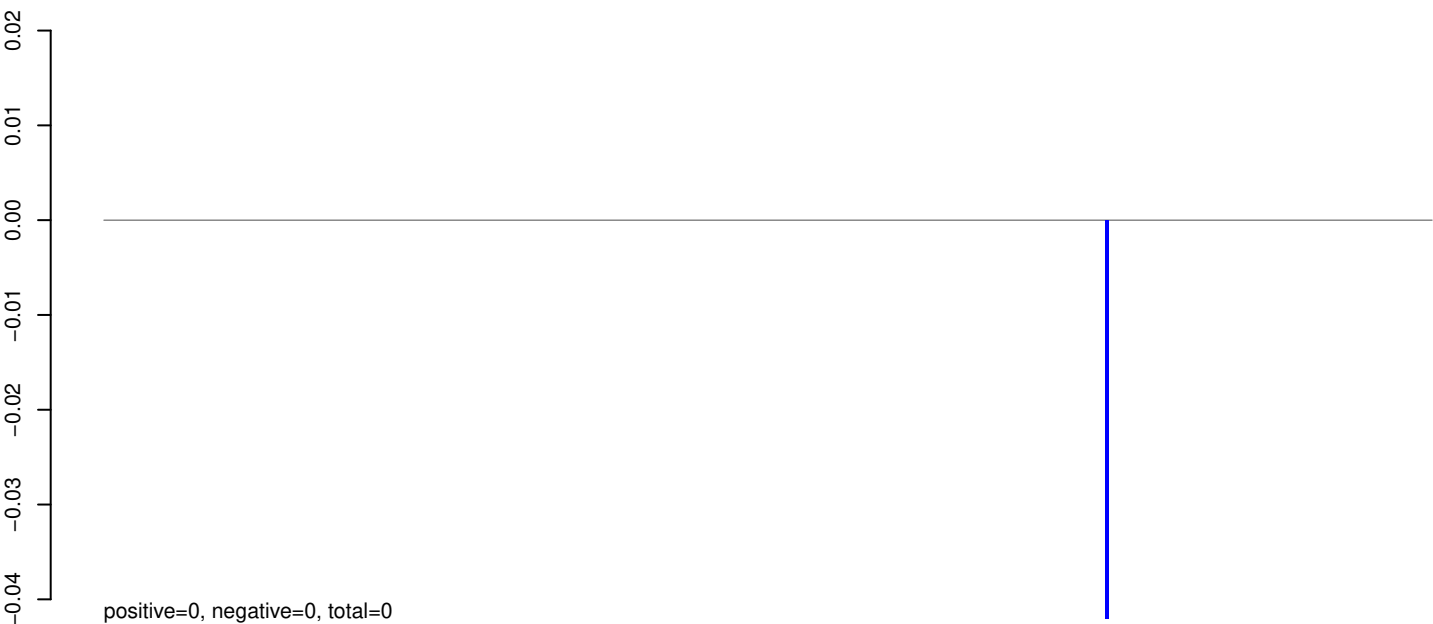
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



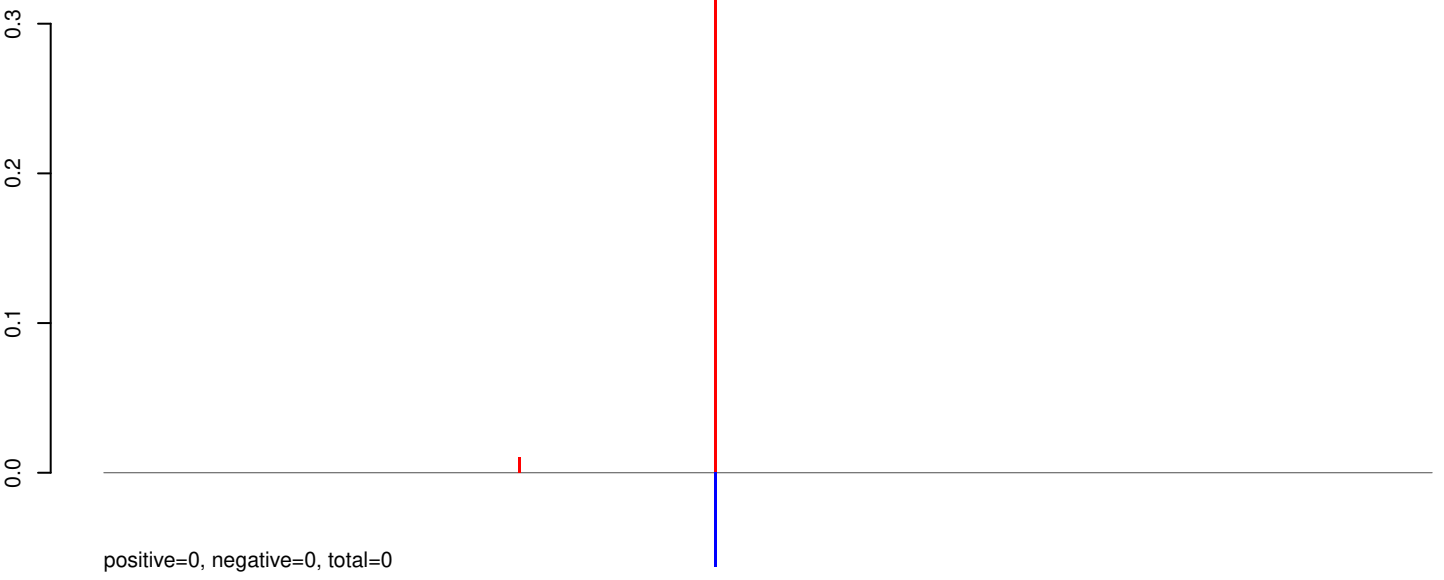
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



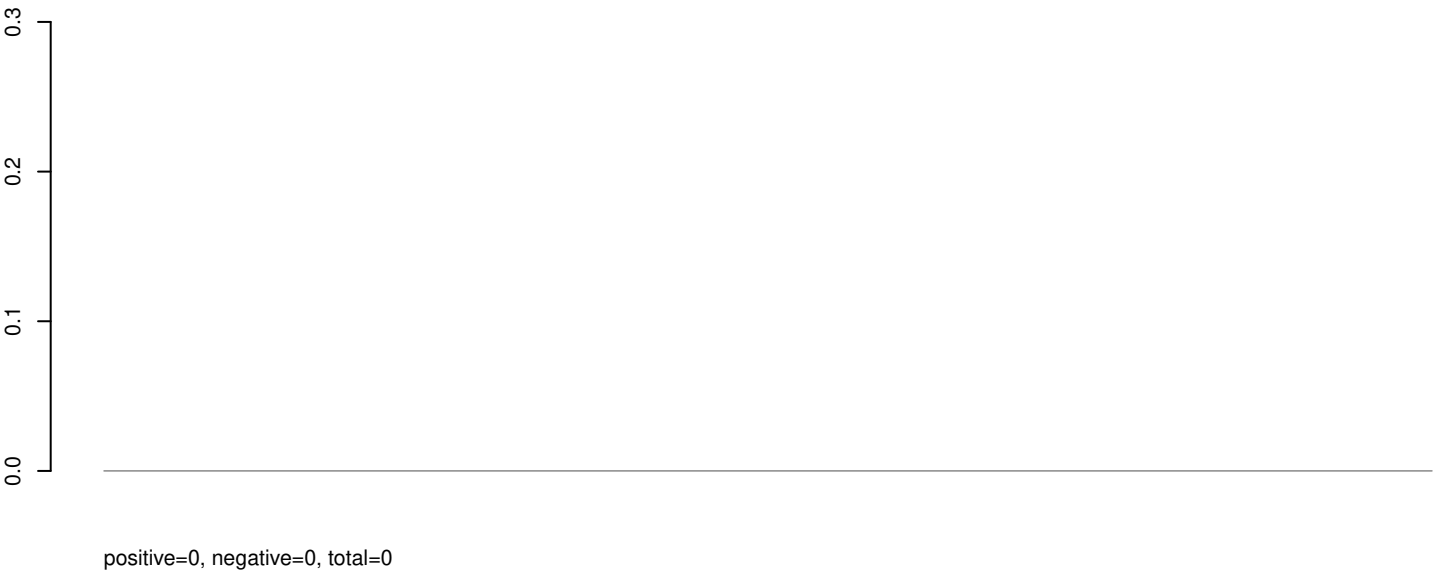
Window size=25, length=10254, virus@DQ235149.1-Royal\_Farm\_virus\_from\_Afghanistan\_polyprotein\_gene:1-10254

0 2000 4000 6000 8000 10000

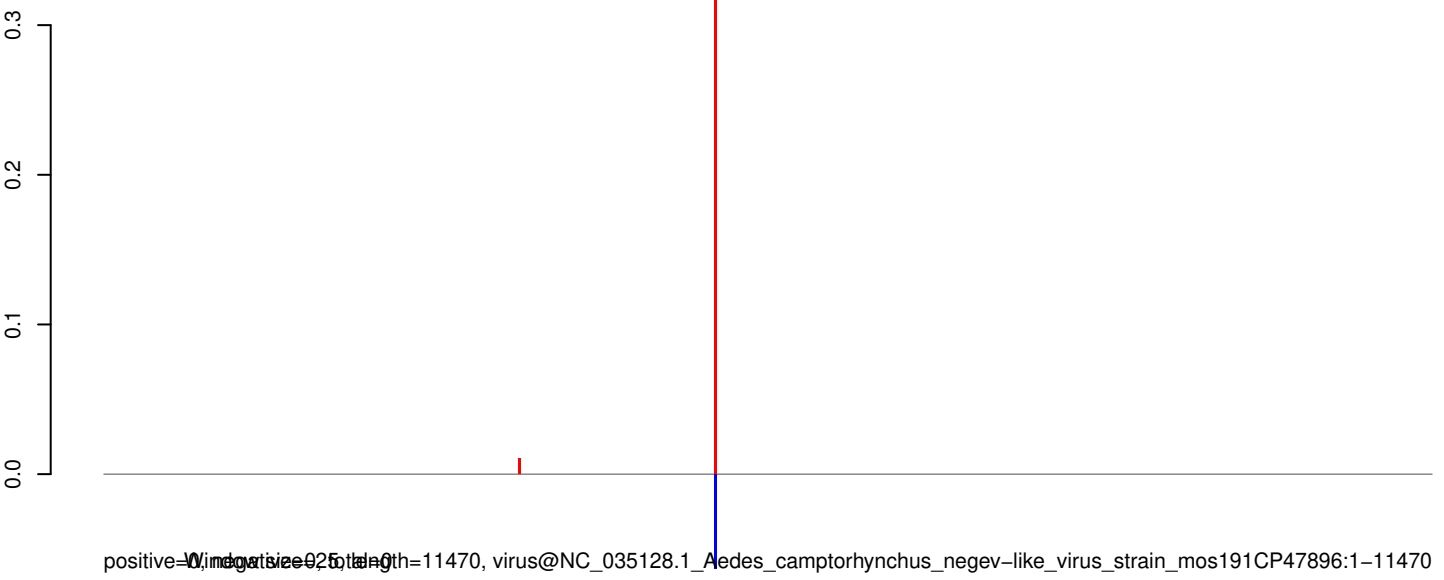
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



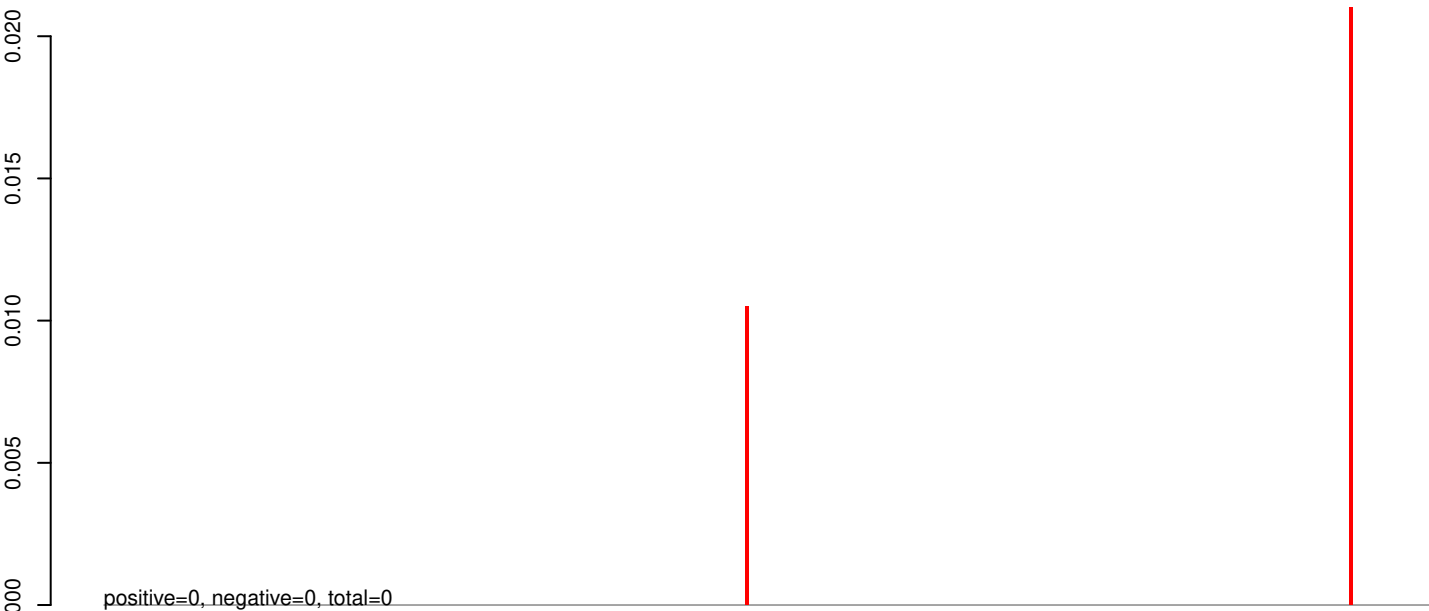
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



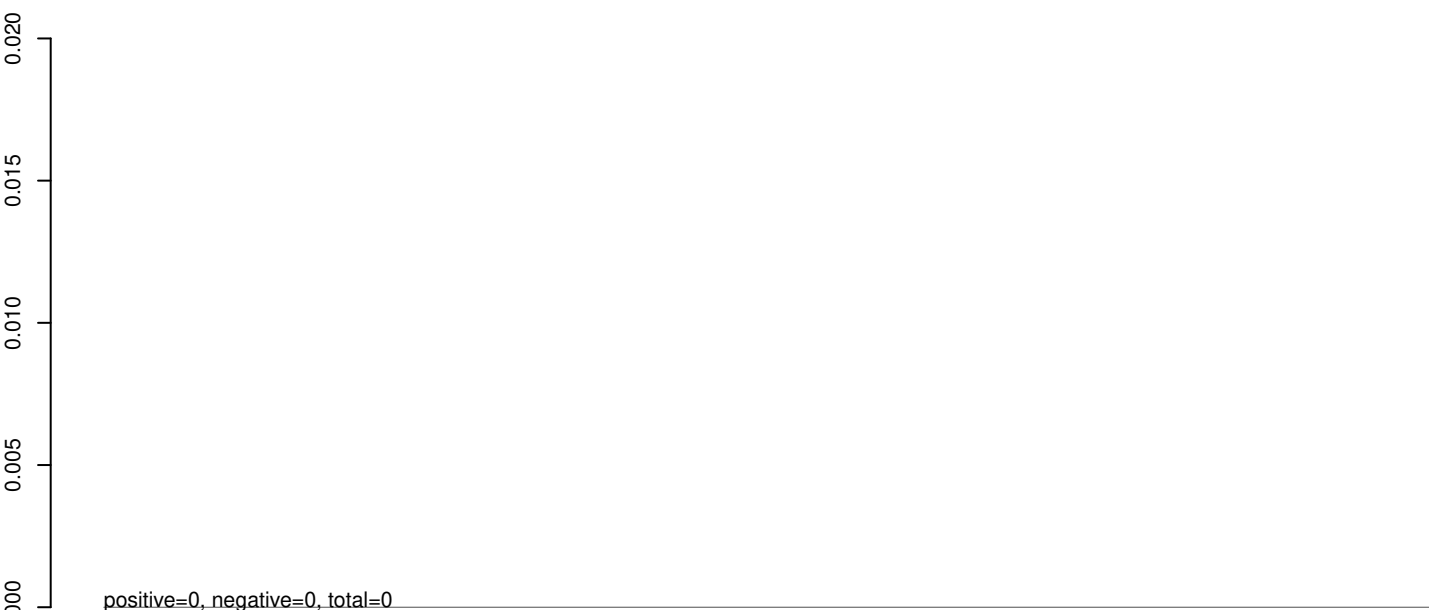
Window size=25, length=11470, virus@NC\_035128.1\_Aedes\_camptorhynchus\_negev-like\_virus\_strain\_mos191CP47896:1-11470

0 2000 4000 6000 8000 10000

AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep



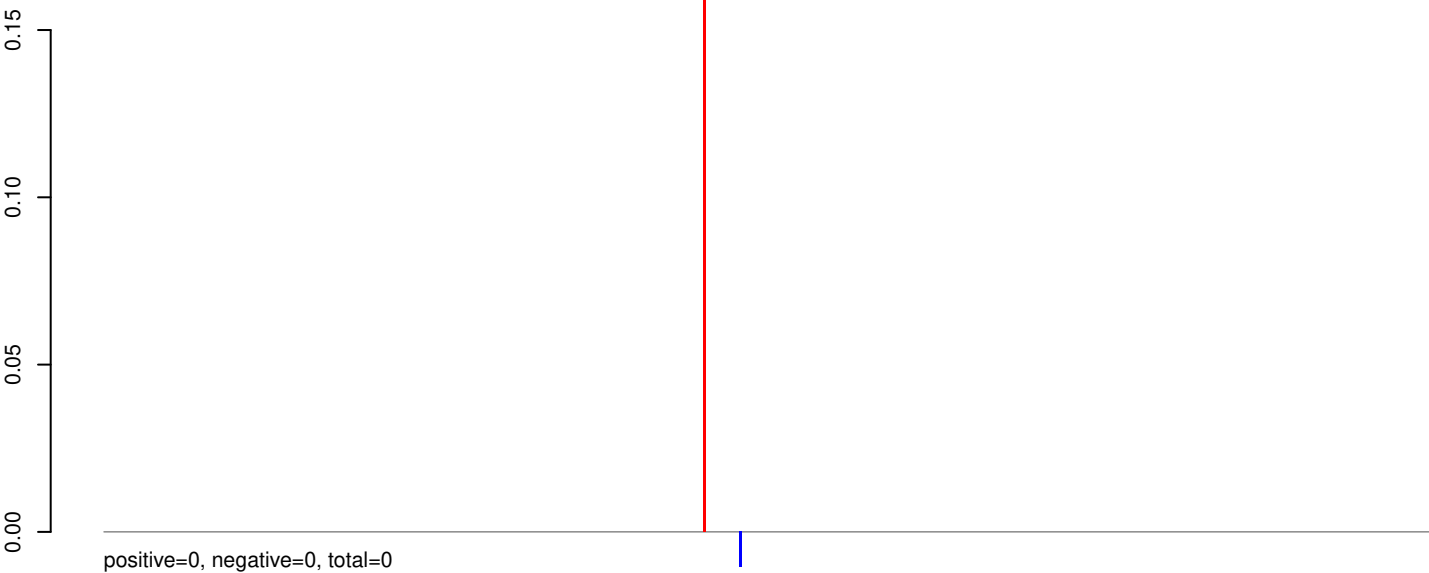
AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



AeAeg\_Aag2\_R3D1\_r123\_ZA.rep



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



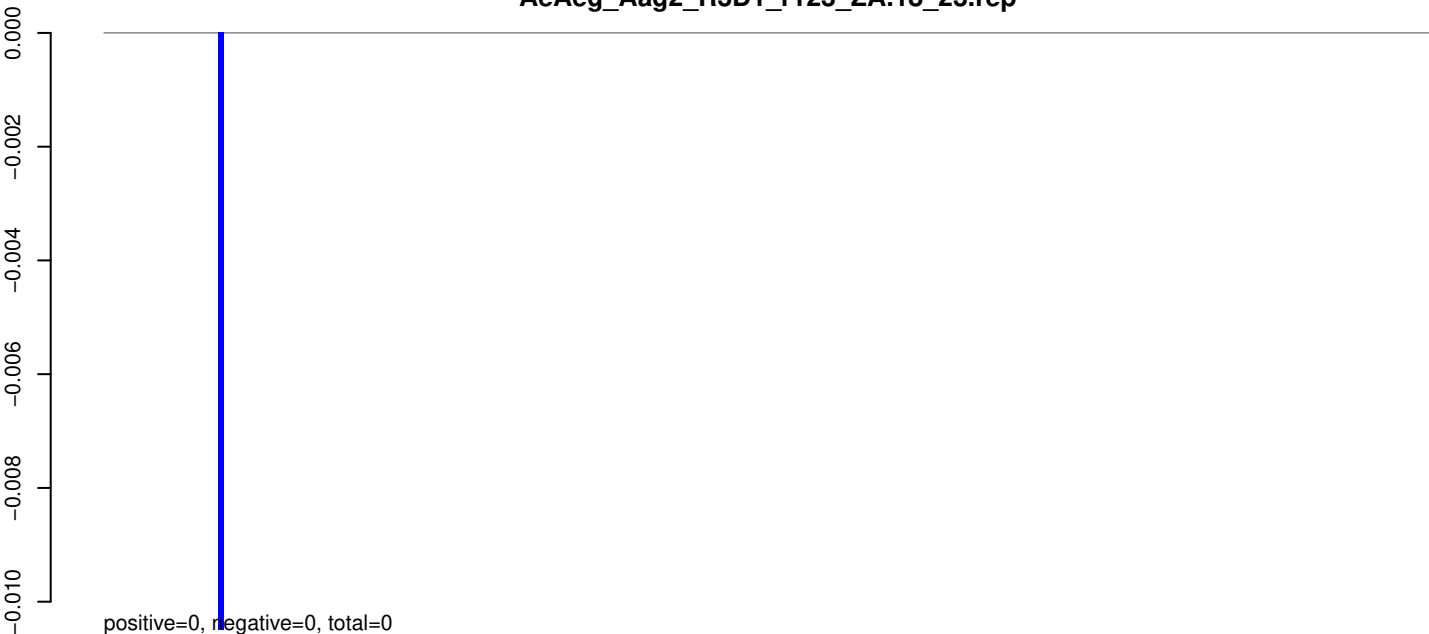
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



bow size=0, length=13784, int=0, NC\_034531.1-Manitoba\_virus\_nucleoprotein\_phosphoprotein\_hypothetical\_proteins\_matrix\_glycoprot:1-13784

0 2000 4000 6000 8000 10000 12000 14000

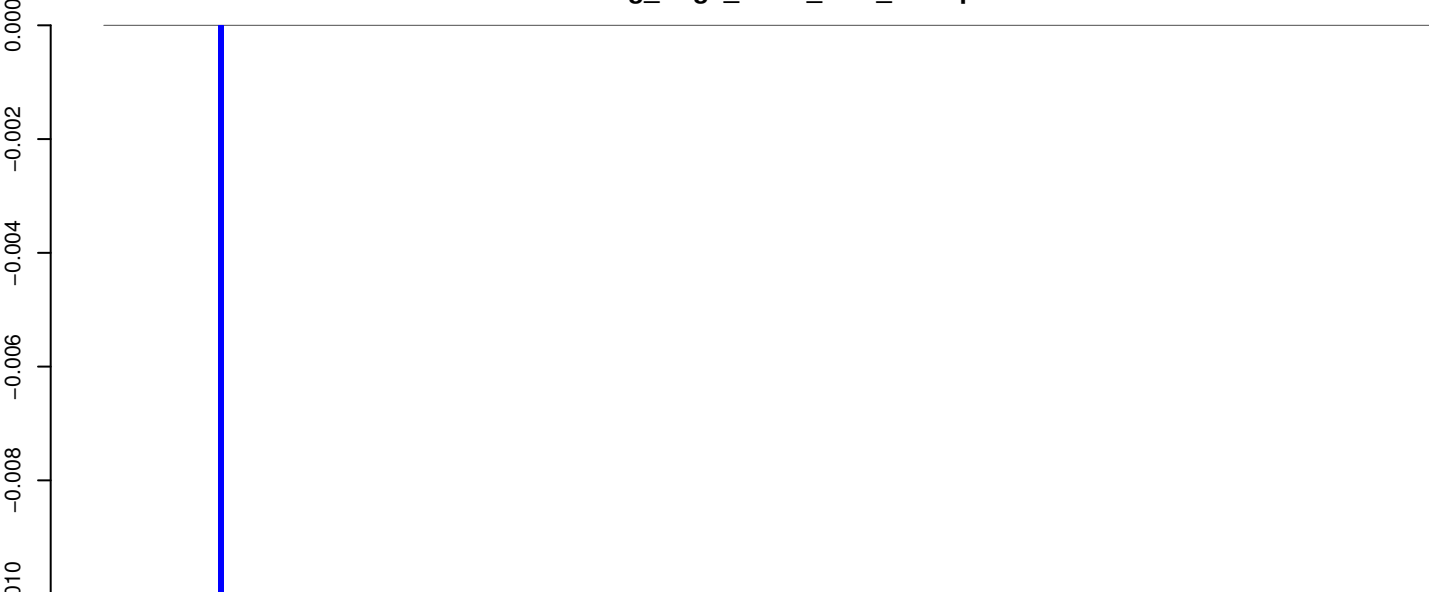
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



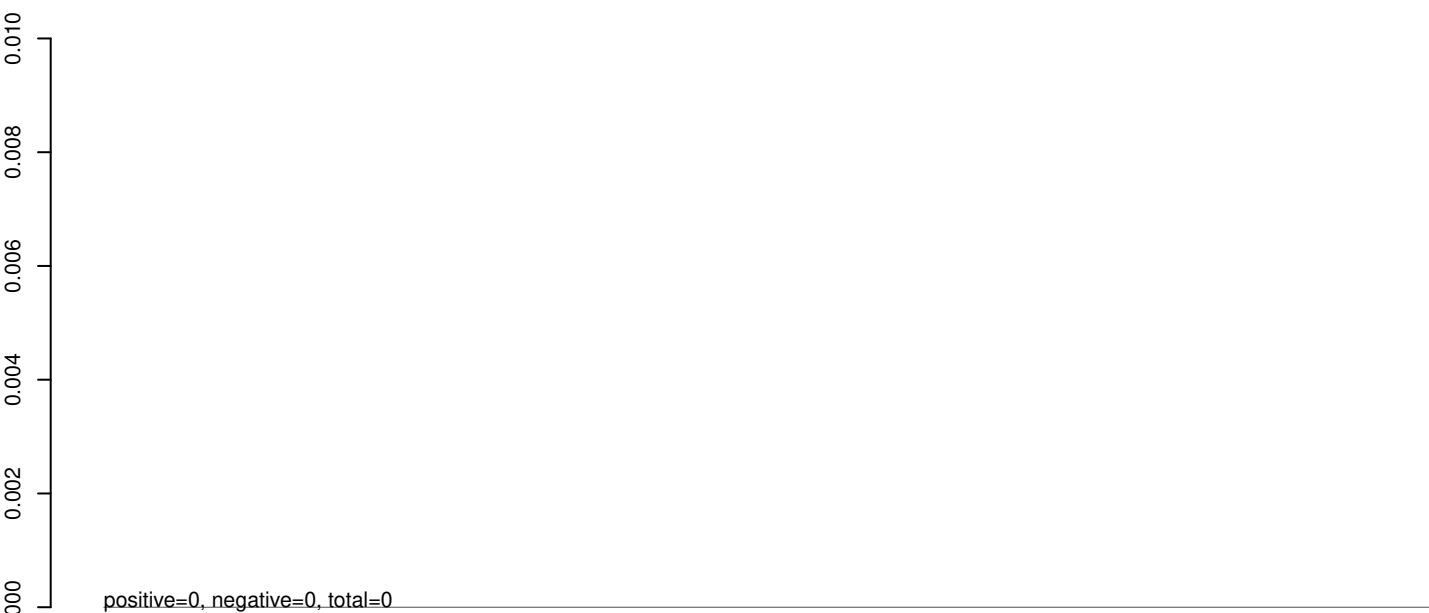
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



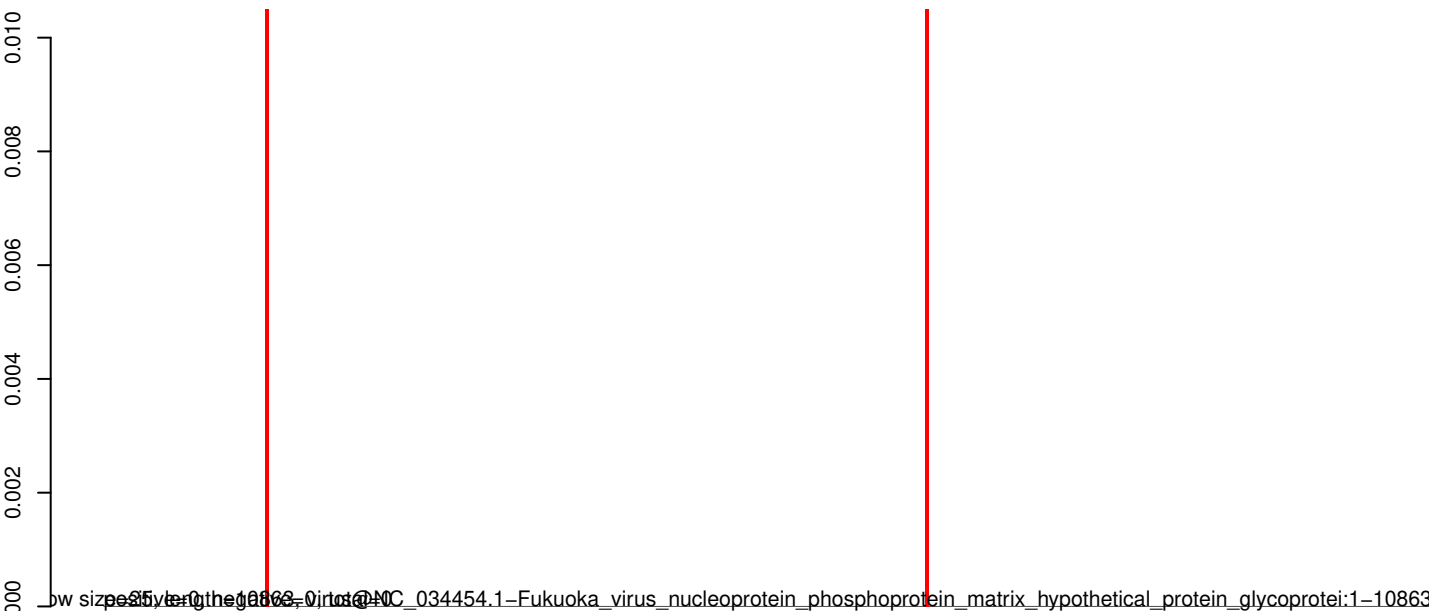
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

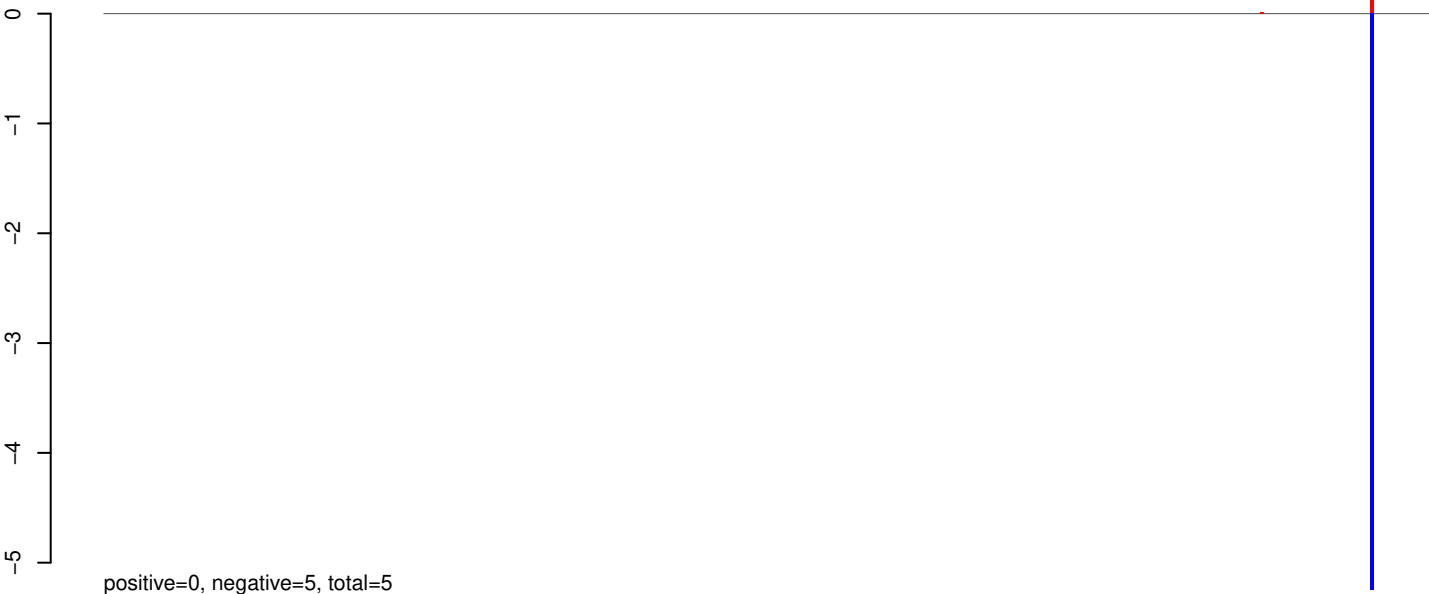


bow size 25, length 10863, virus NC\_034454.1-Fukuoka\_virus\_nucleoprotein\_phosphoprotein\_matrix\_hypothetical\_protein\_glycoprotei:1-10863

0 2000 4000 6000 8000 10000

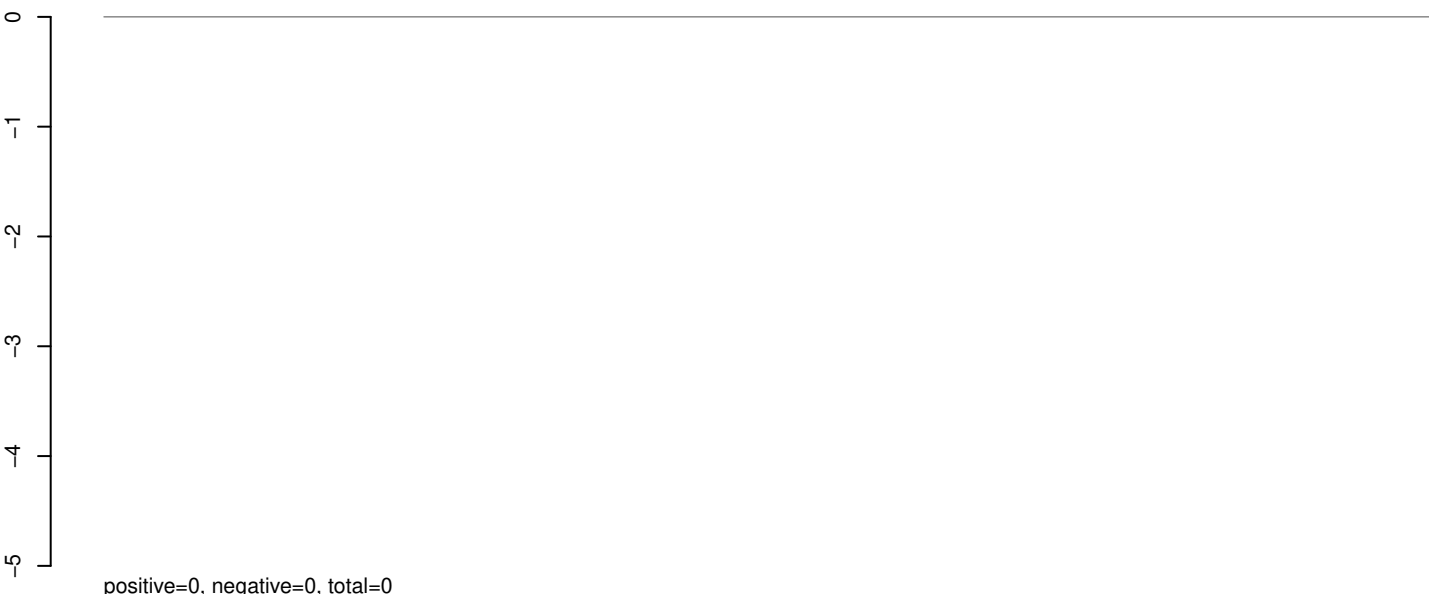


**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



positive=0, negative=5, total=5

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

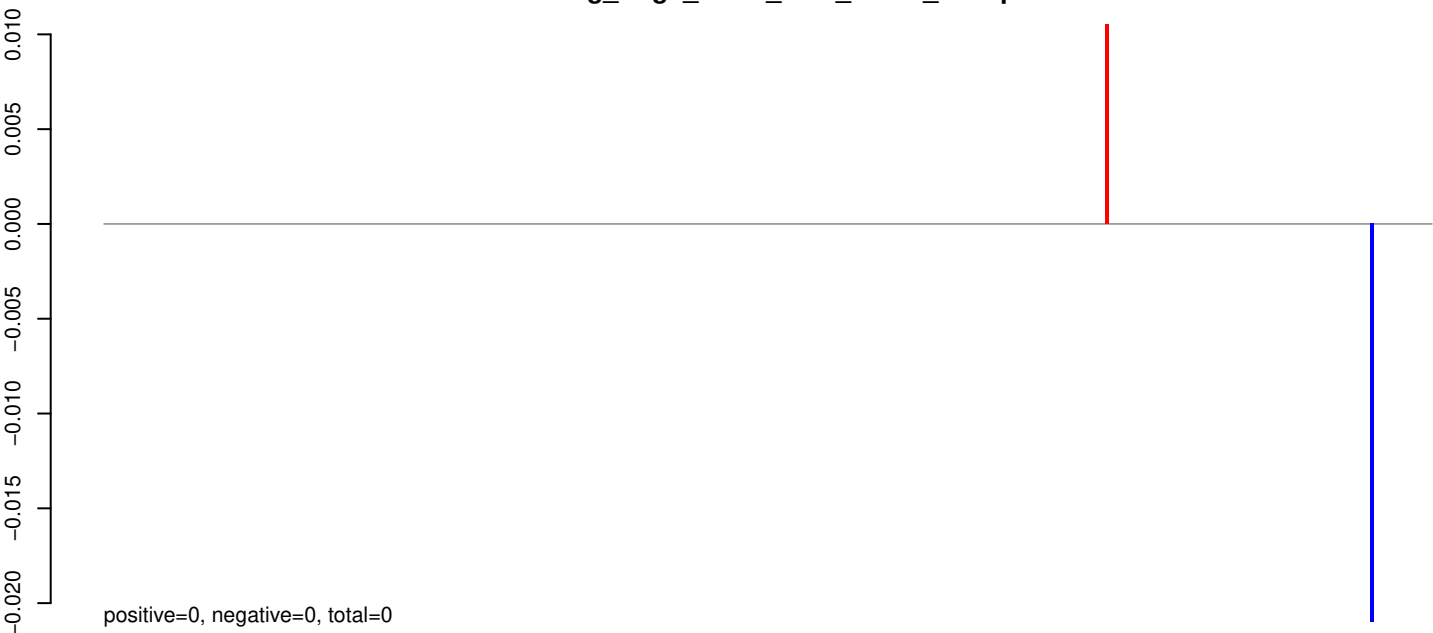
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



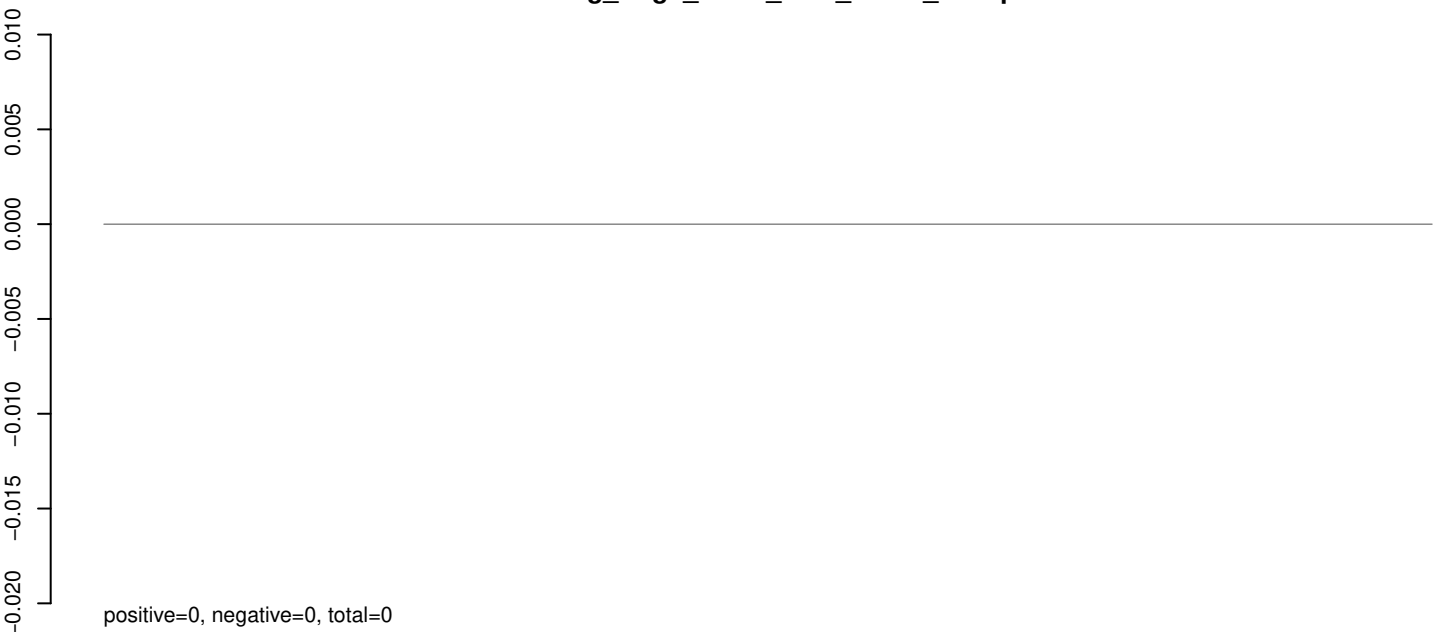
positive=0, negative=5, total=5, window-size=25, length=10251, virus@NC\_033723.1-Gadgets\_Gully\_virus\_from\_Australia\_polyprotein\_gene:1-10251

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



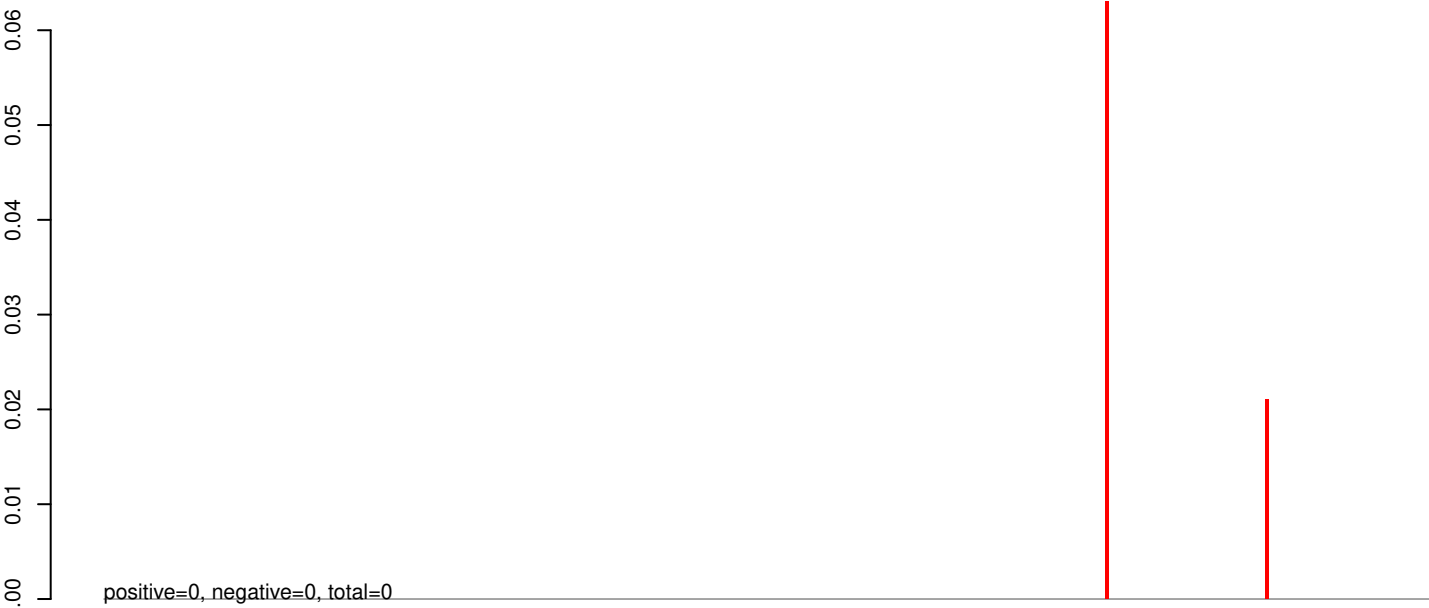
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



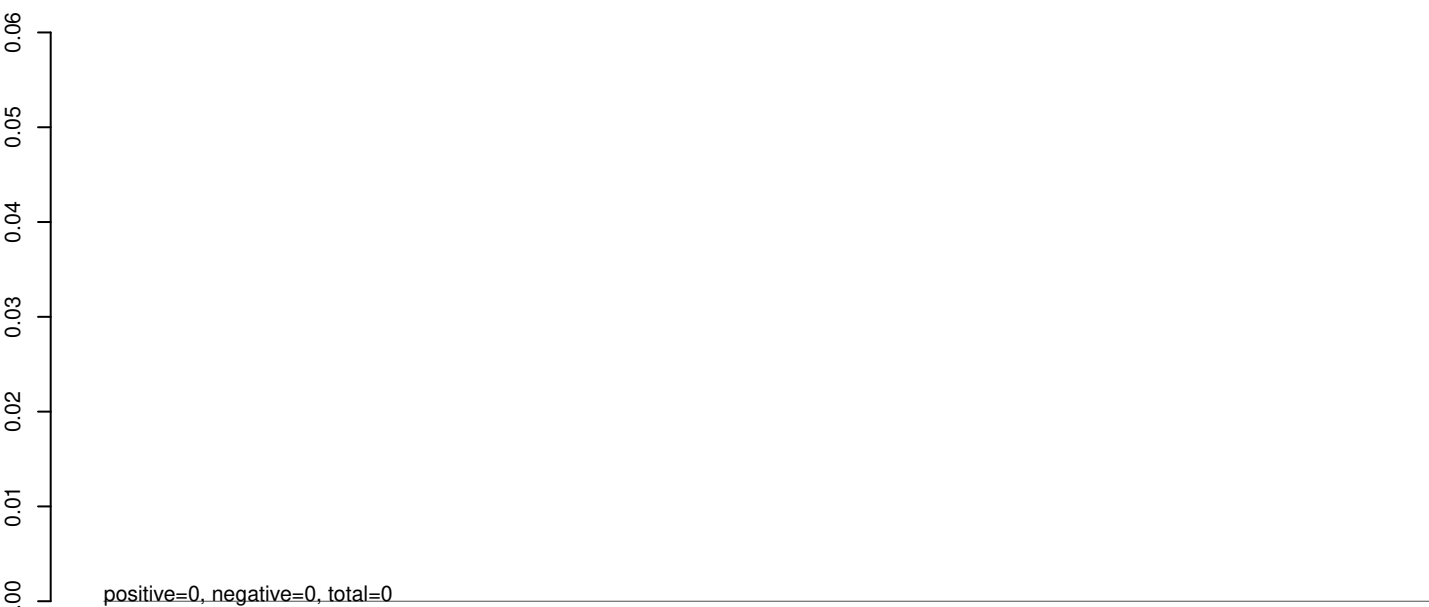
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

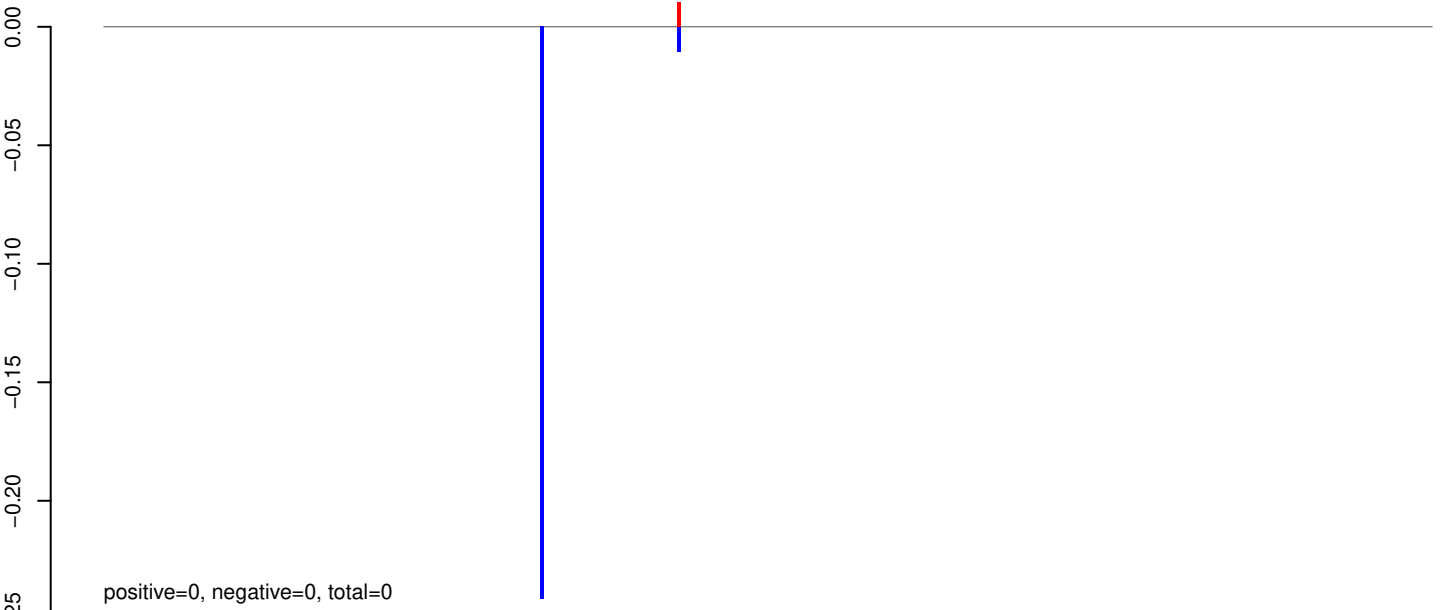


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

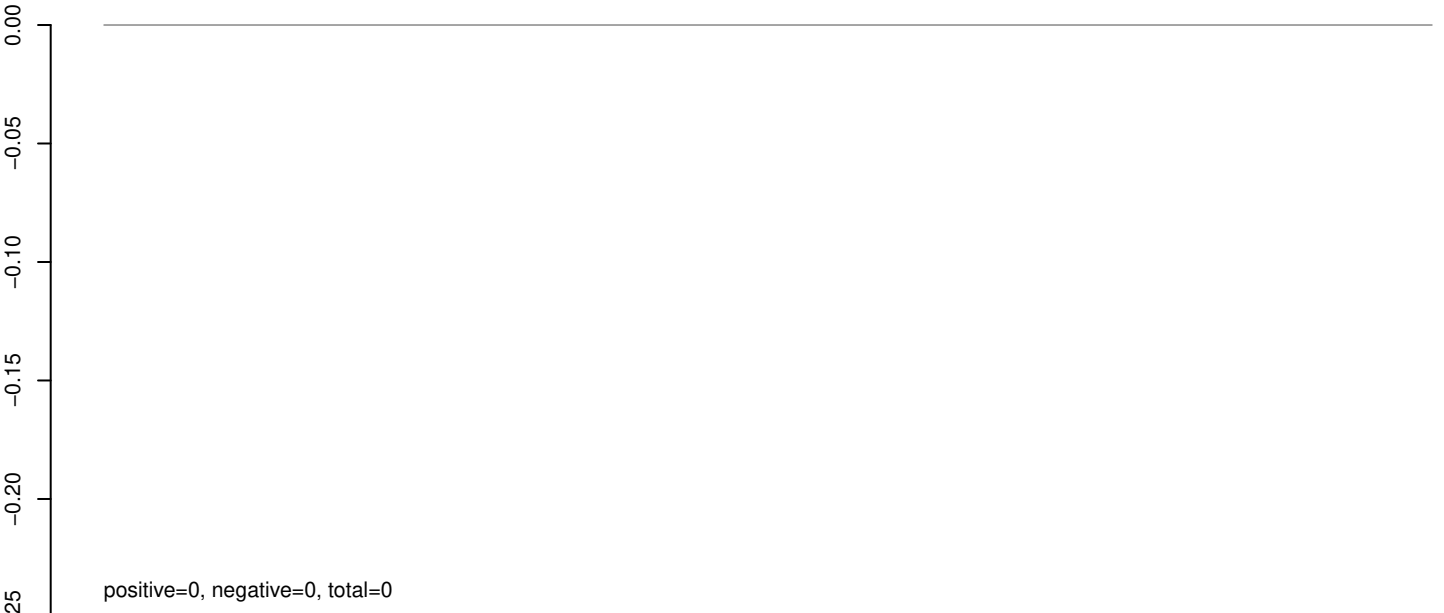


0 2000 4000 6000 8000 10000

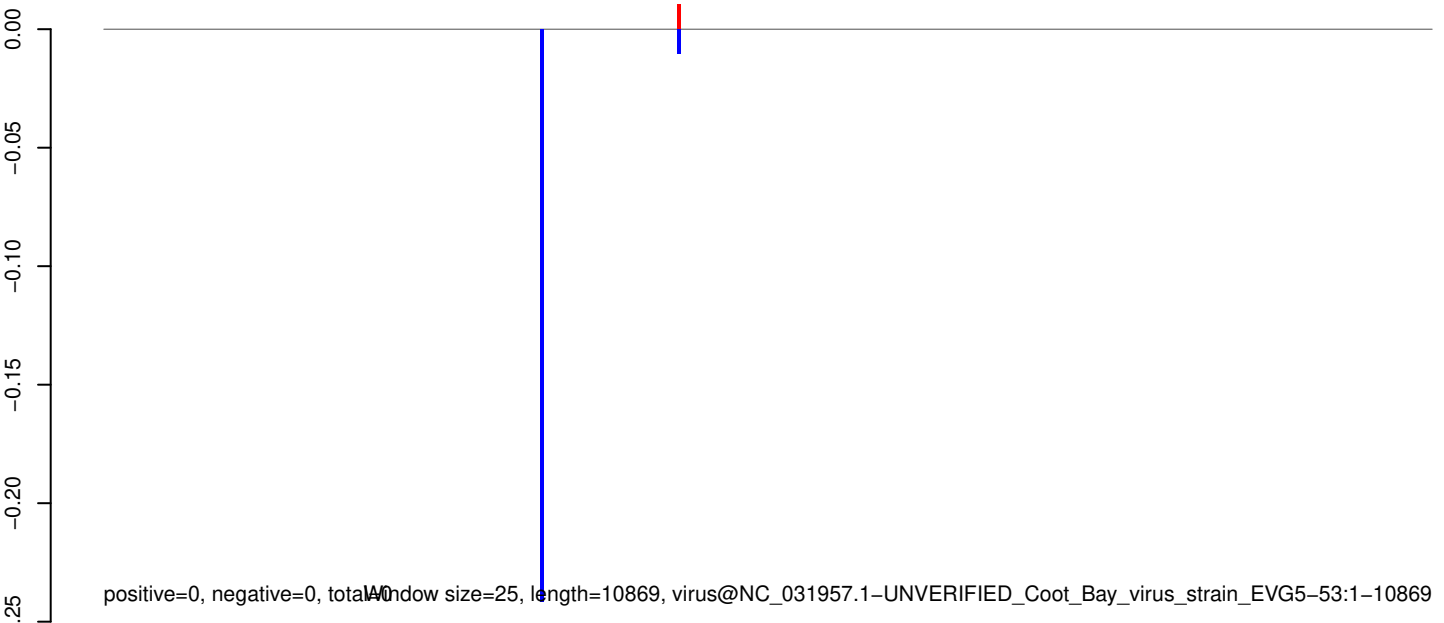
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



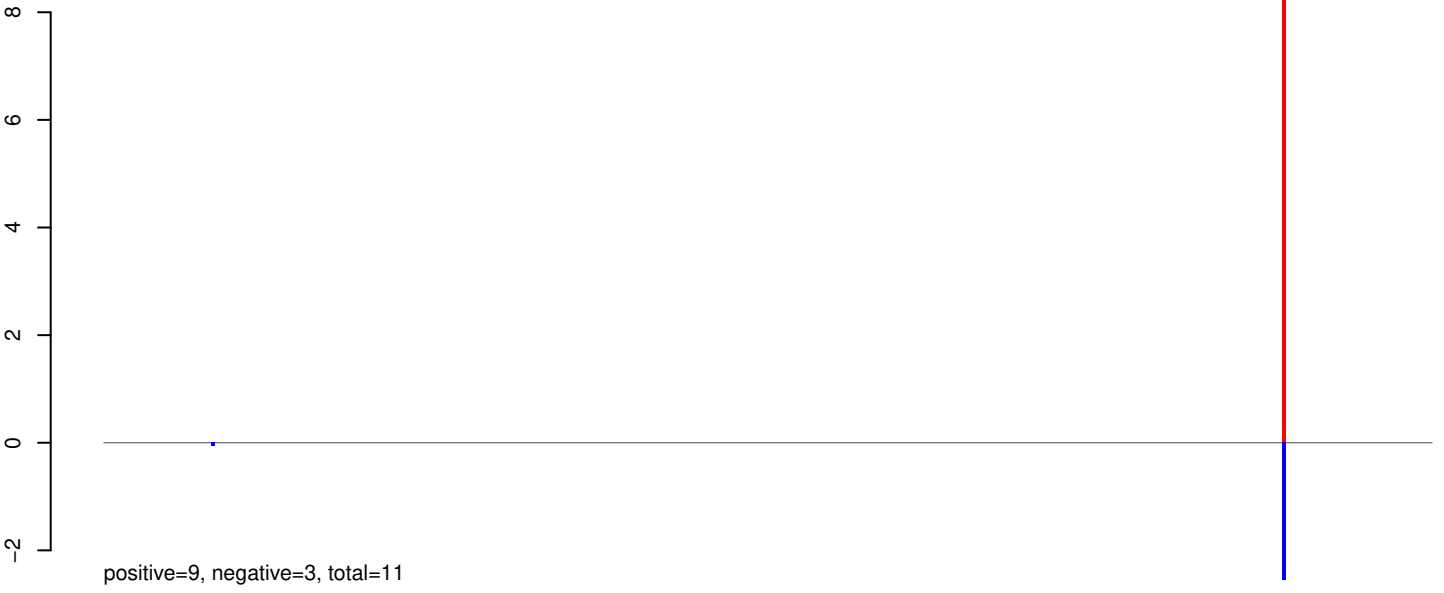
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



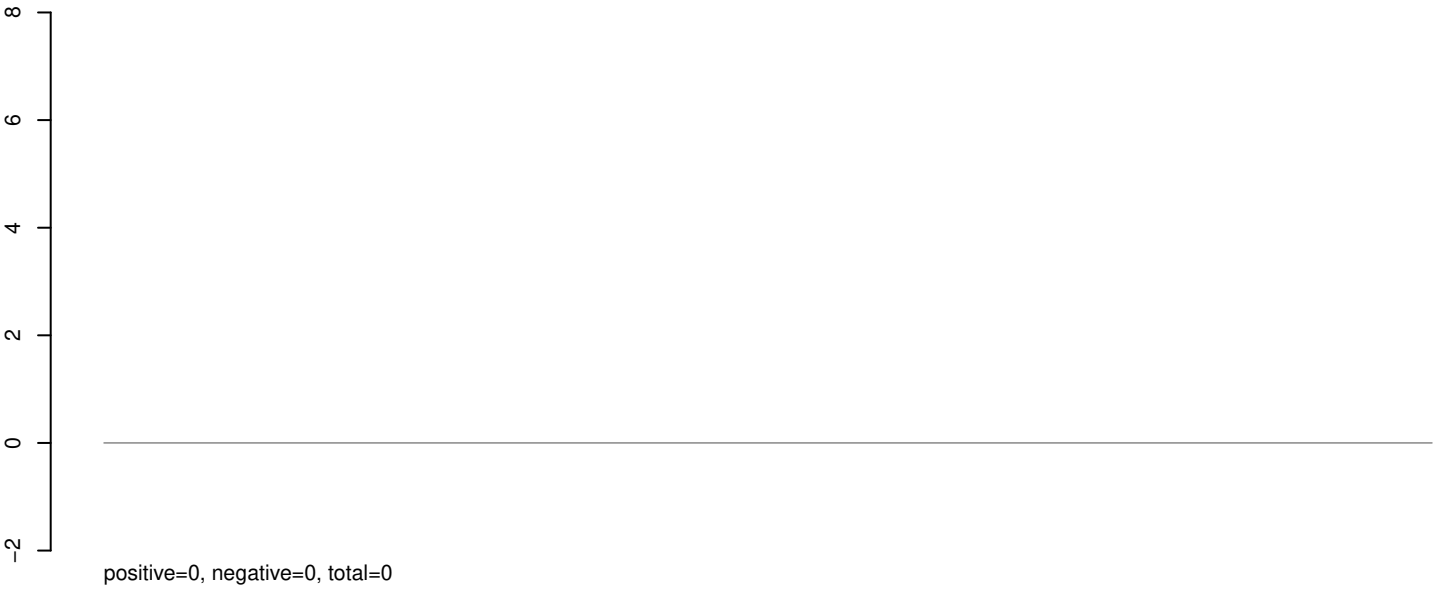
Window size=25, length=10869, virus@NC\_031957.1-UNVERIFIED\_Coot\_Bay\_virus\_strain\_EVG5-53:1-10869

0 2000 4000 6000 8000 10000

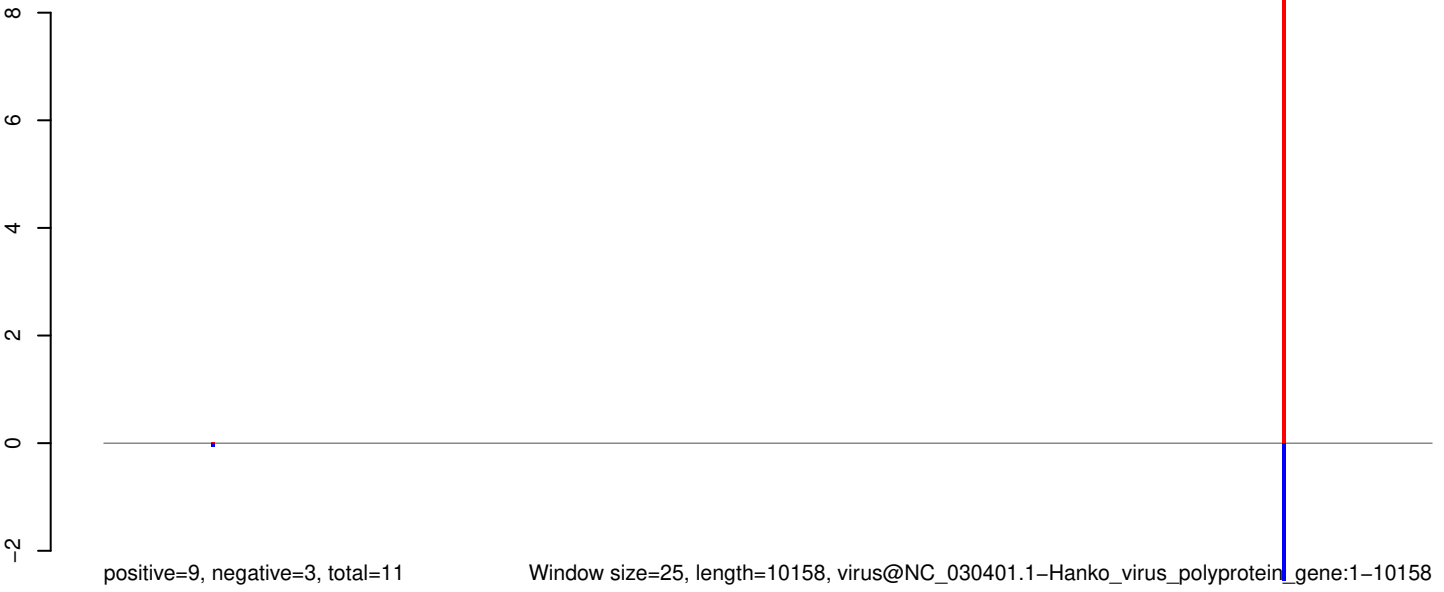
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



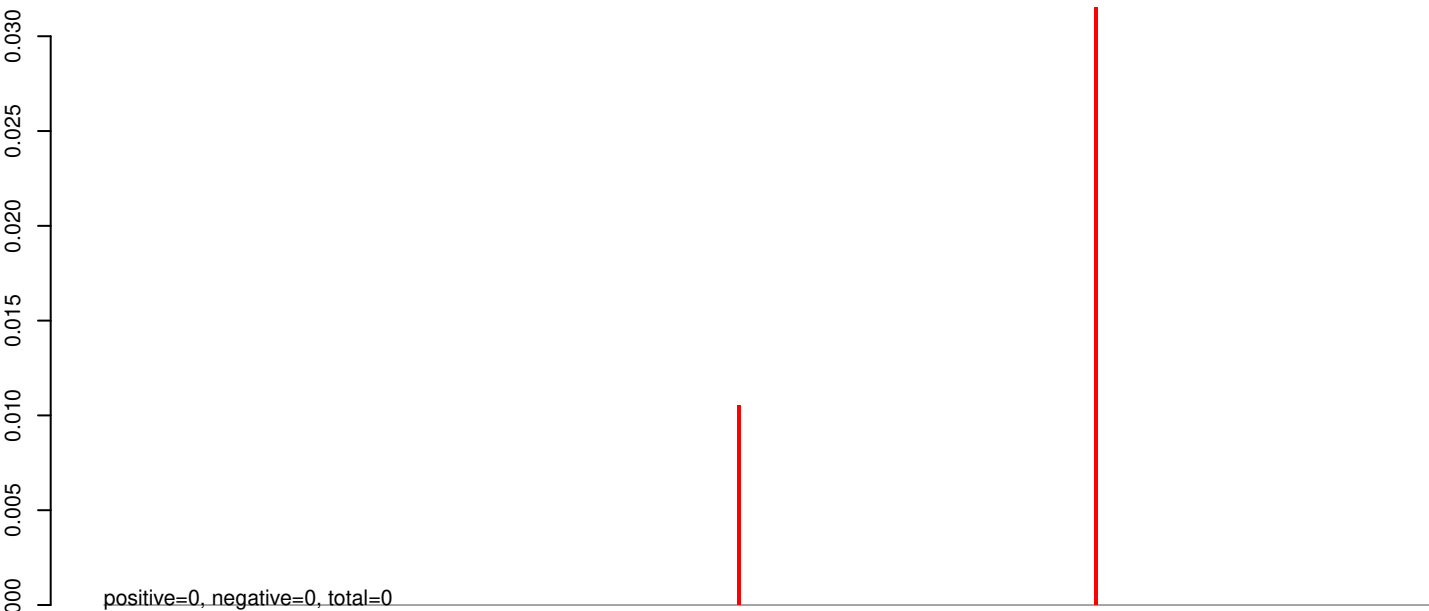
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

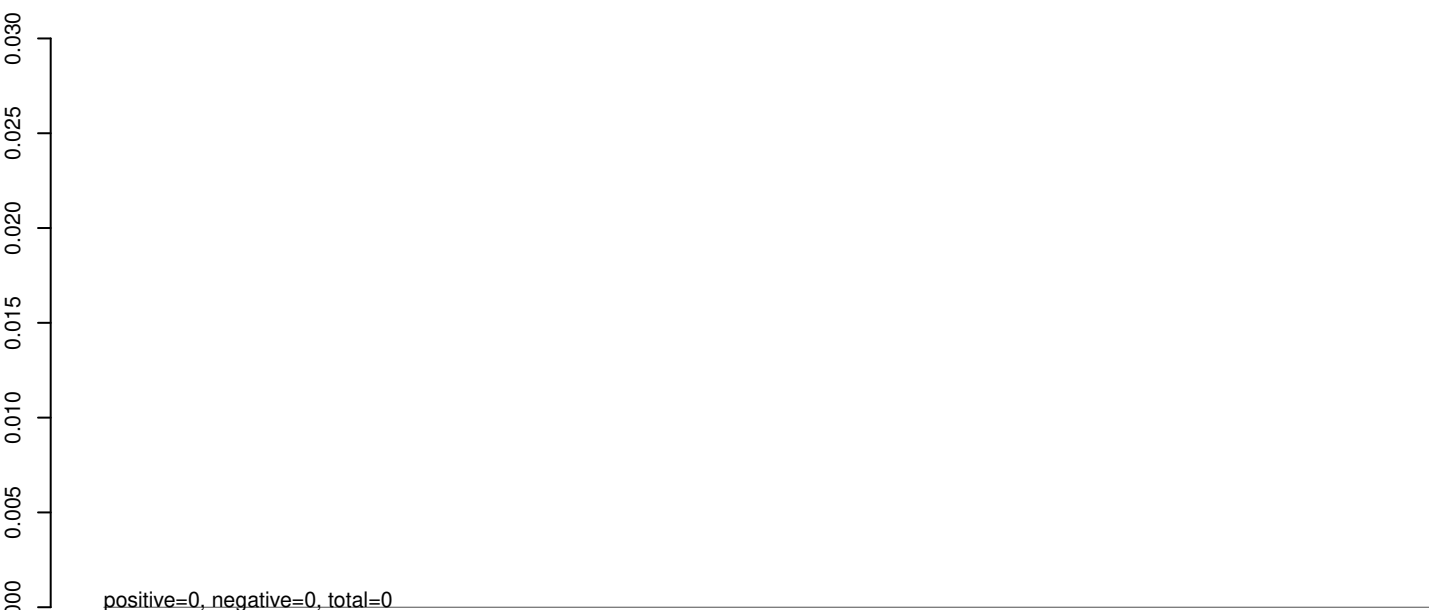


AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep



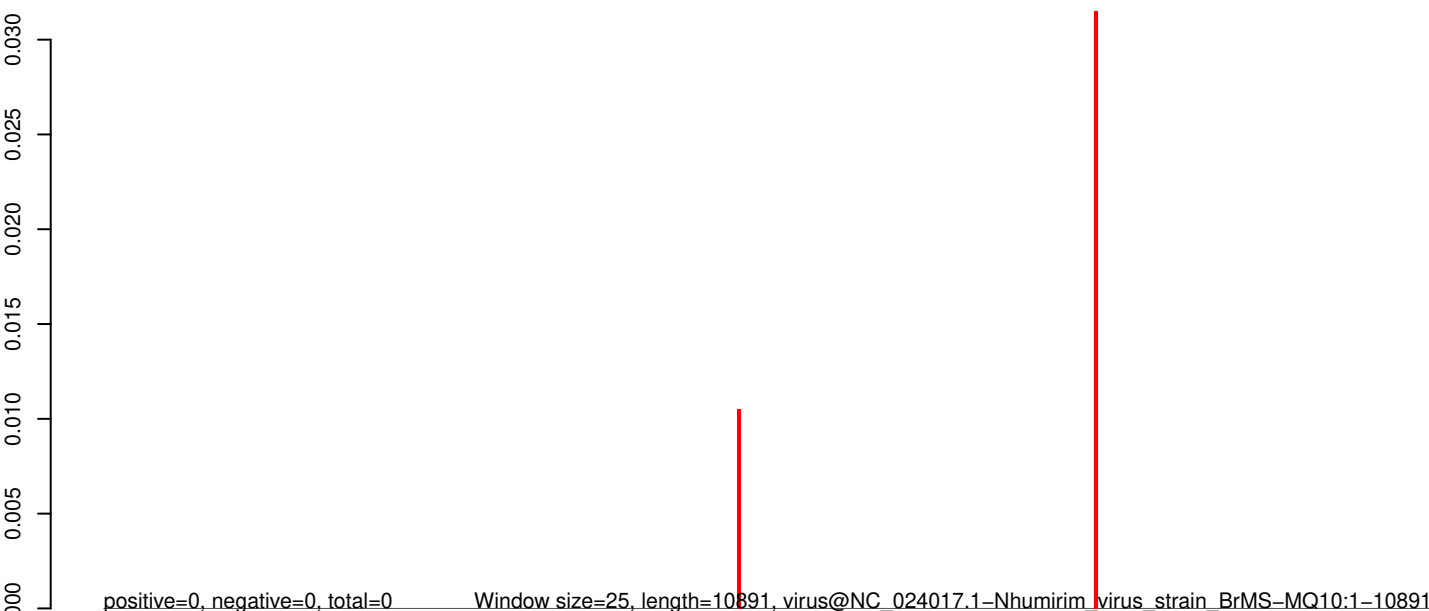
positive=0, negative=0, total=0

AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



positive=0, negative=0, total=0

AeAeg\_Aag2\_R3D1\_r123\_ZA.rep

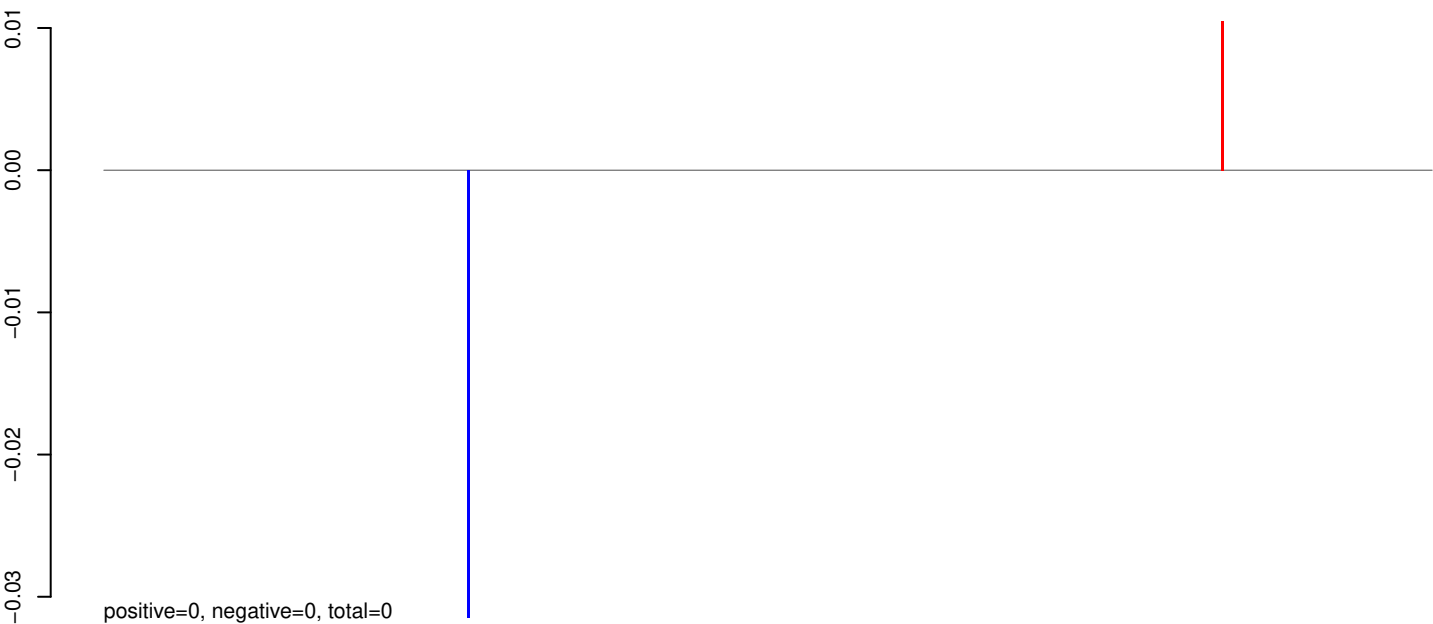


positive=0, negative=0, total=0

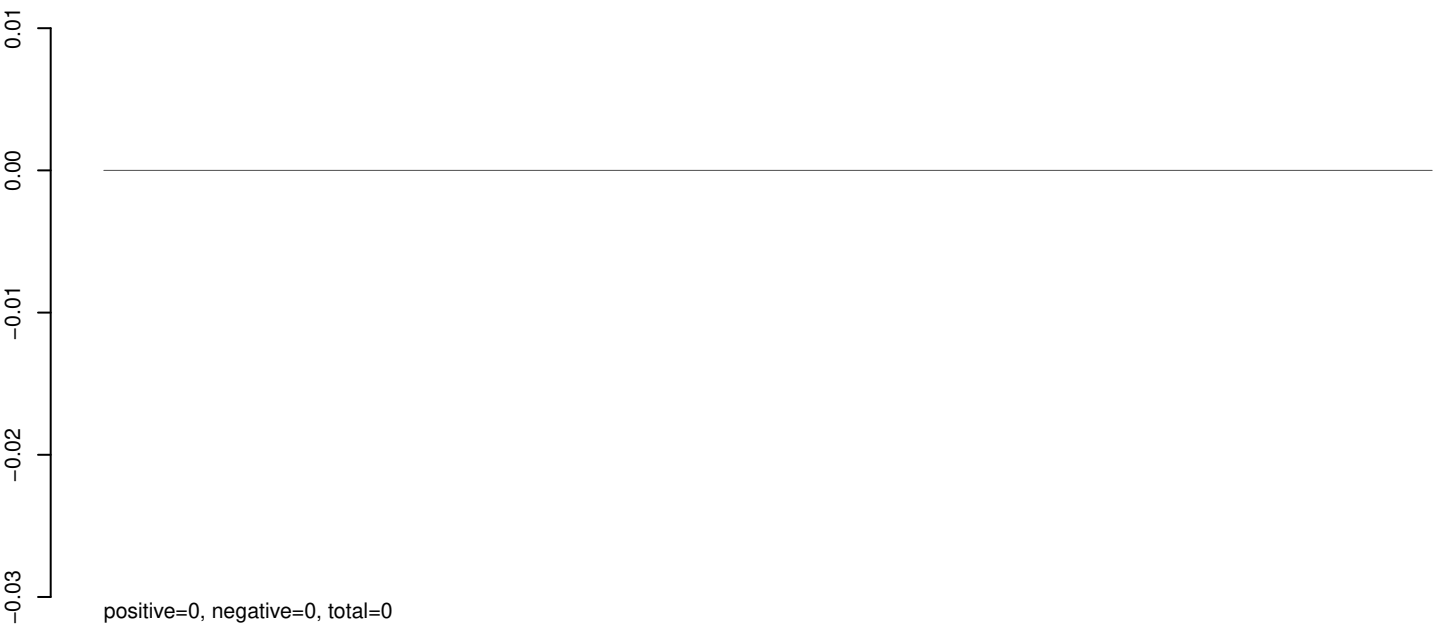
Window size=25, length=10891, virus@NC\_024017.1-Nhumirim\_virus\_strain\_BrMS-MQ10:1-10891

0 2000 4000 6000 8000 10000

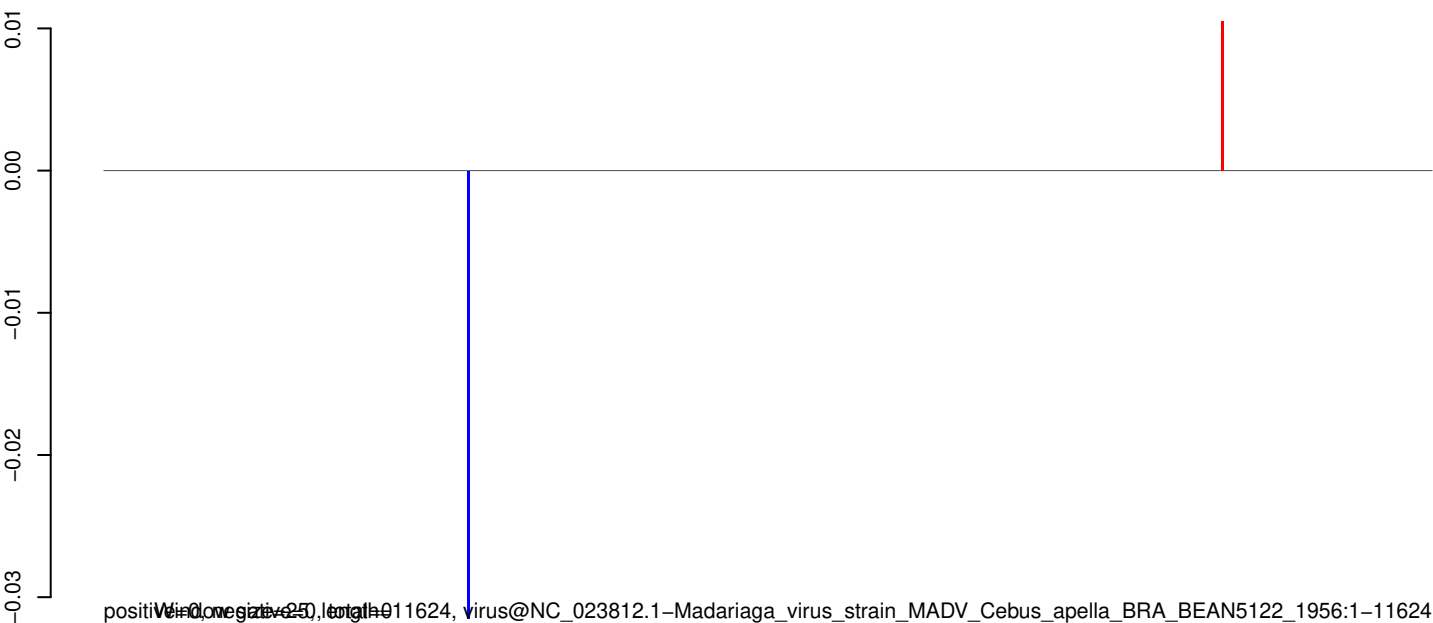
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

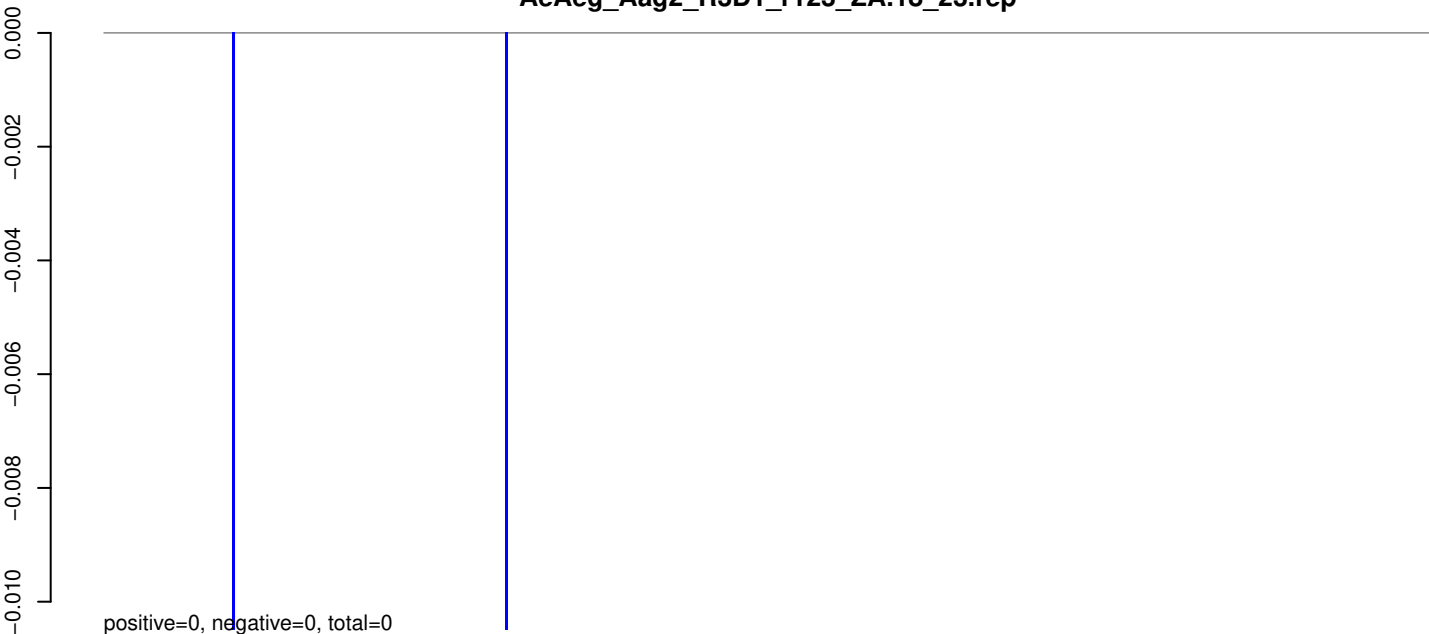


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



0 2000 4000 6000 8000 10000 12000

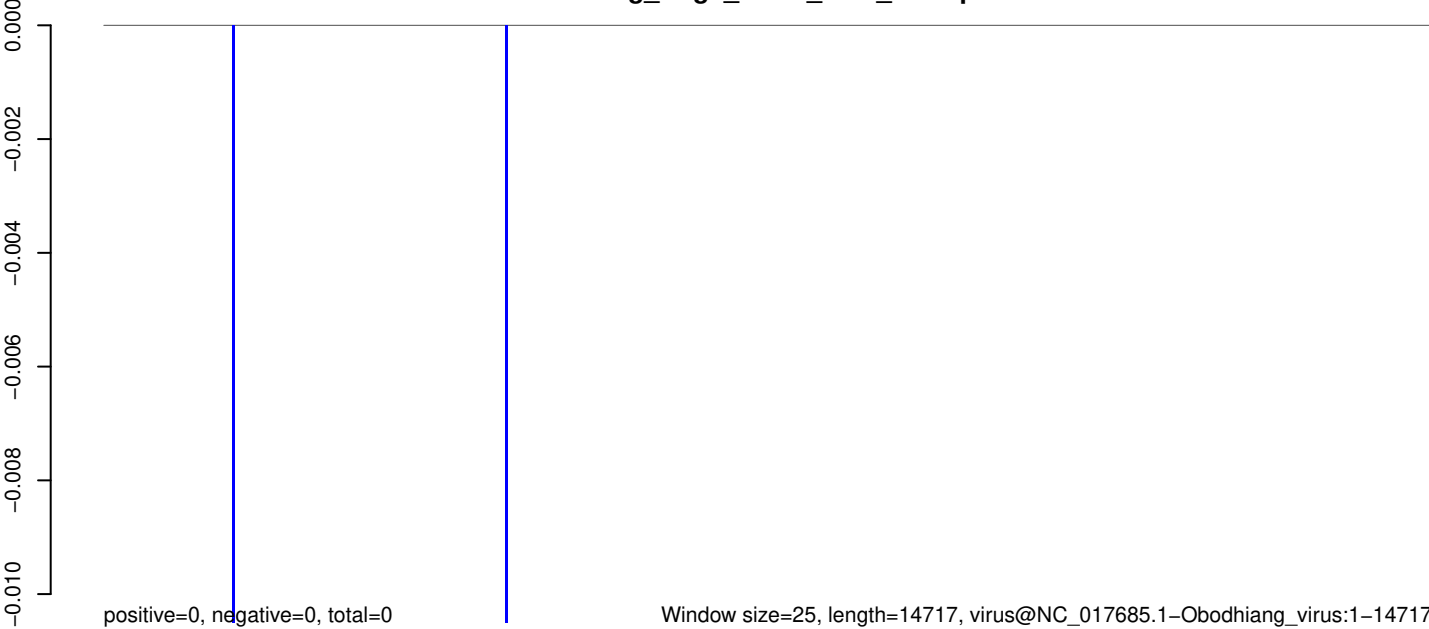
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

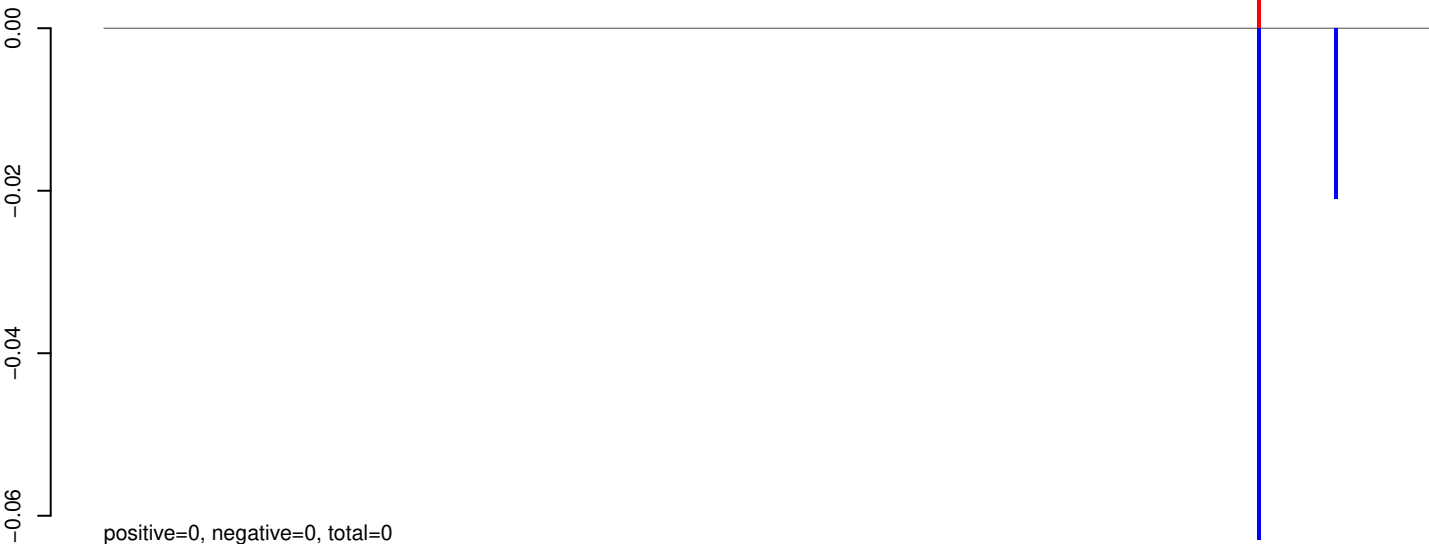


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

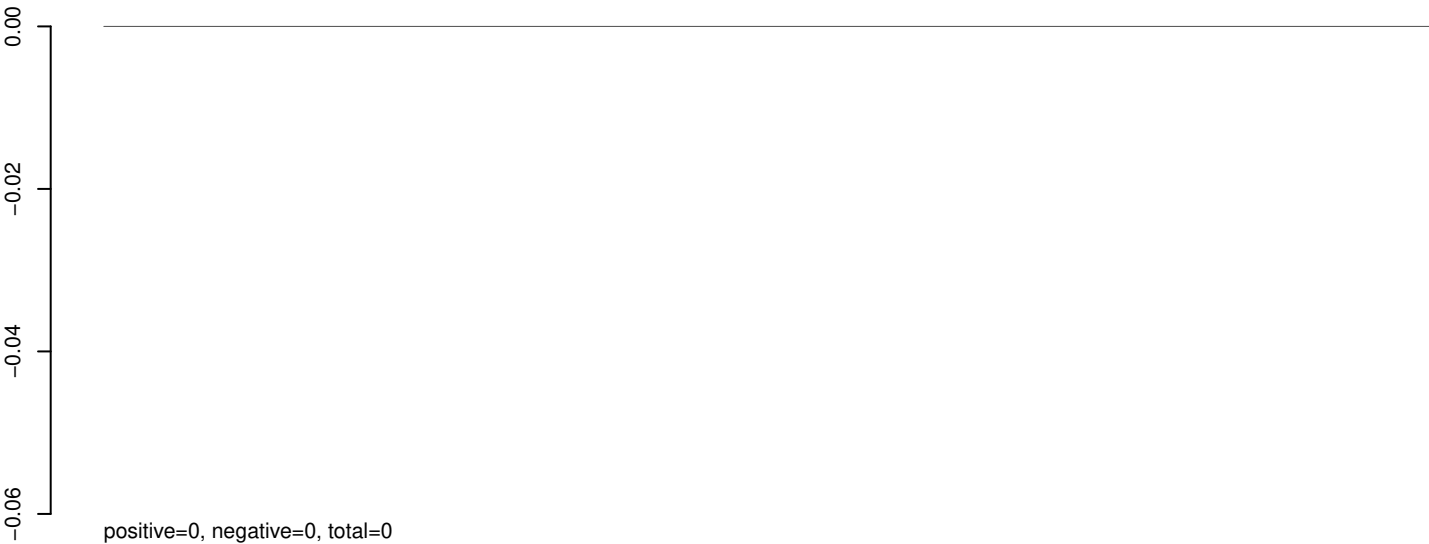




**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

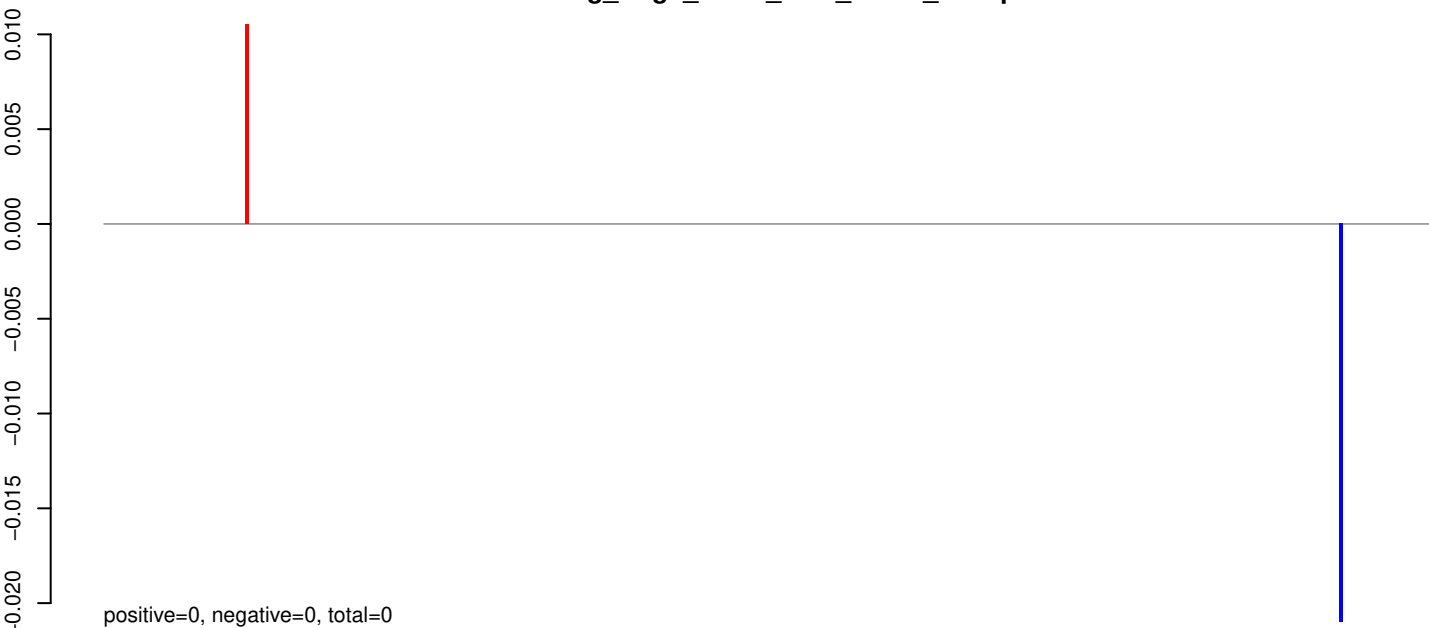


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



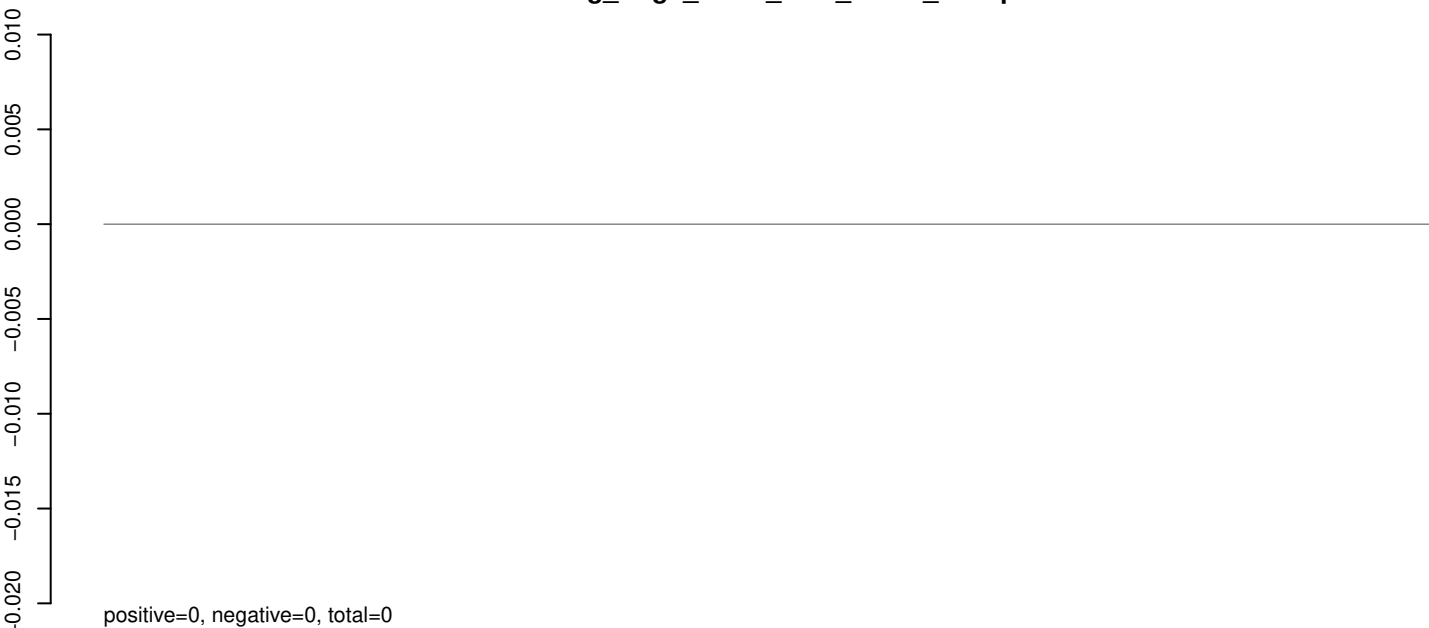
0 2000 4000 6000 8000 10000

### AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep



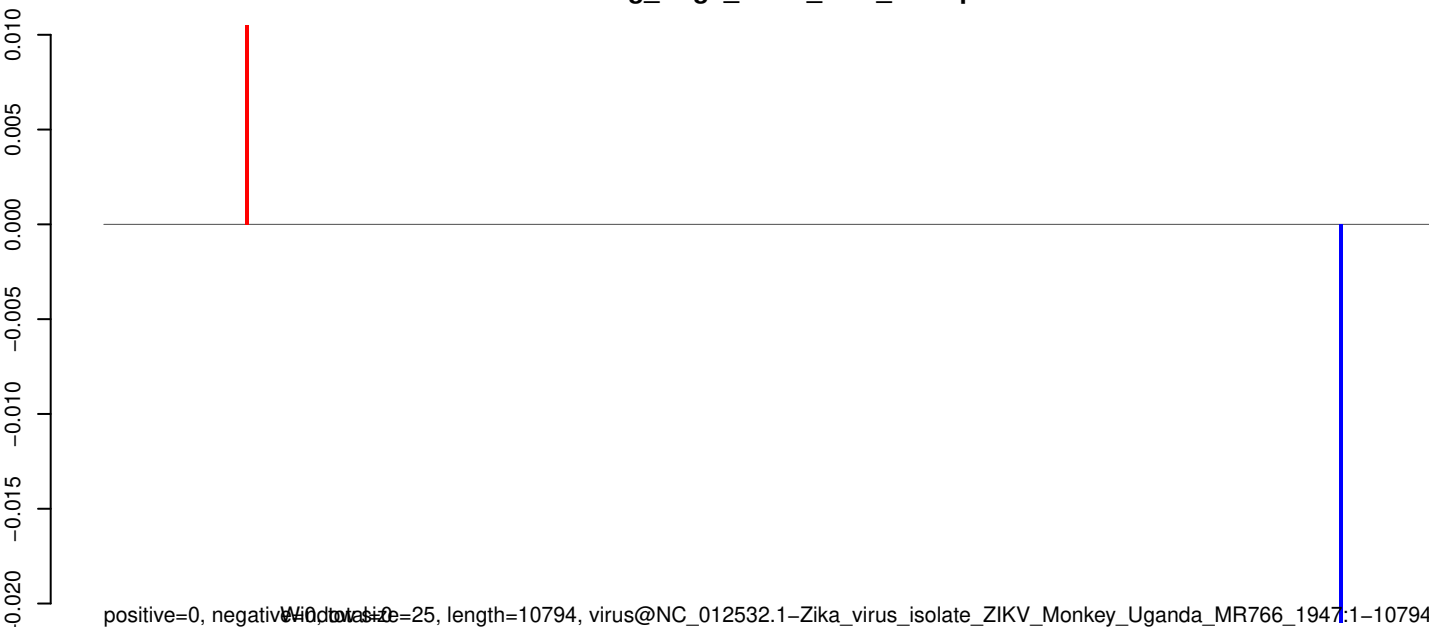
positive=0, negative=0, total=0

### AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep



positive=0, negative=0, total=0

### AeAeg\_Aag2\_R3D1\_r123\_ZA.rep



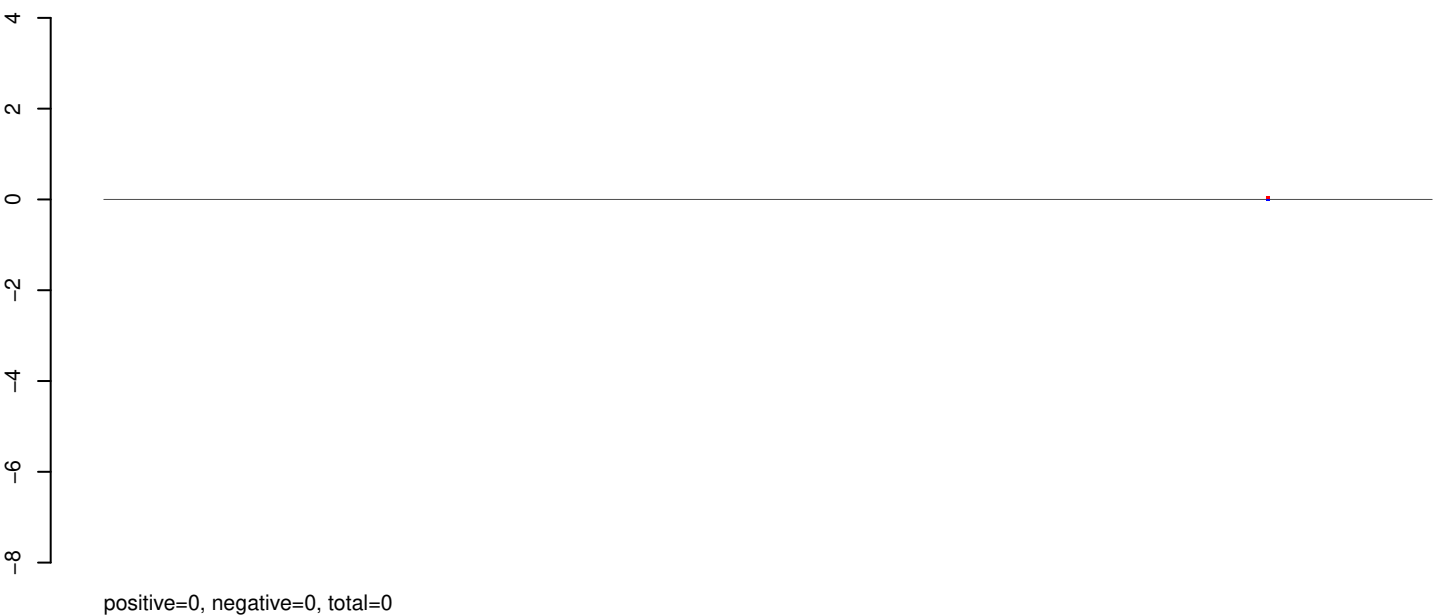
positive=0, negative=0, total=0  
Window size=25, length=10794, virus@NC\_012532.1-Zika\_virus\_isolate\_ZIKV\_Monkey\_Uganda\_MR766\_1947:1-10794

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



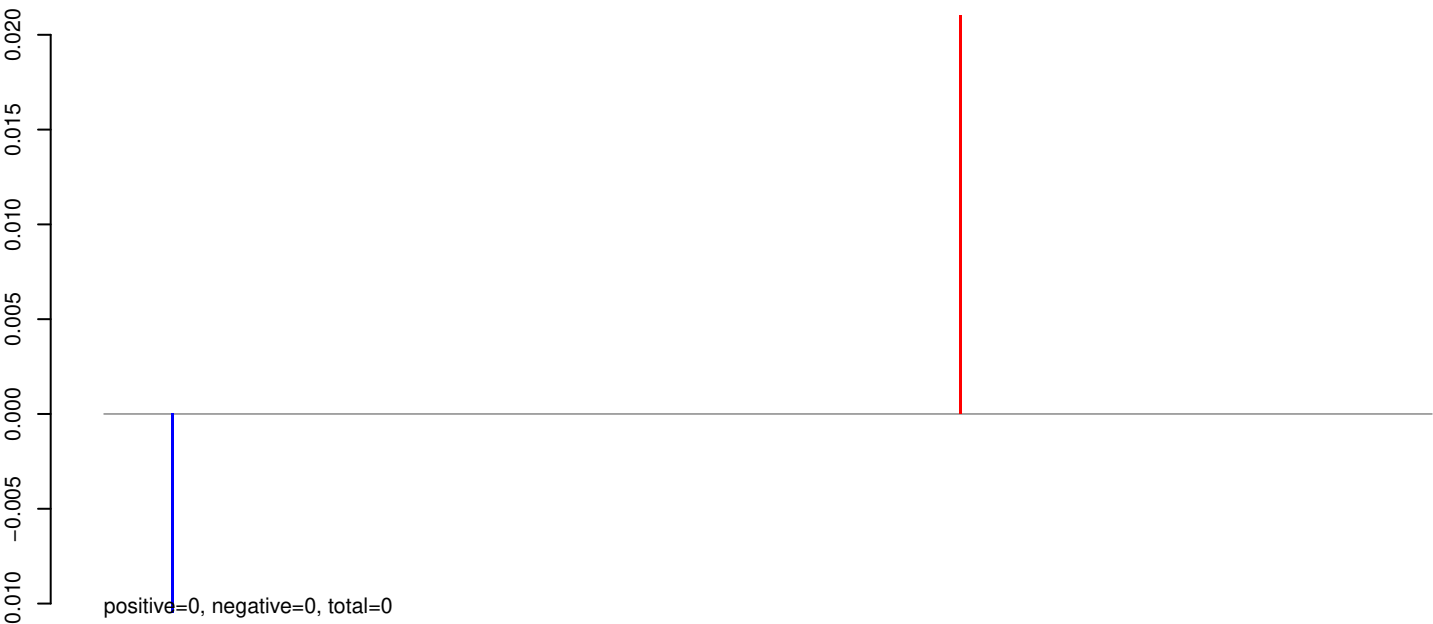
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



Window size=25, length=10815, virus@NC\_009026.2-Bussuquara\_virus:1-10815

0 2000 4000 6000 8000 10000

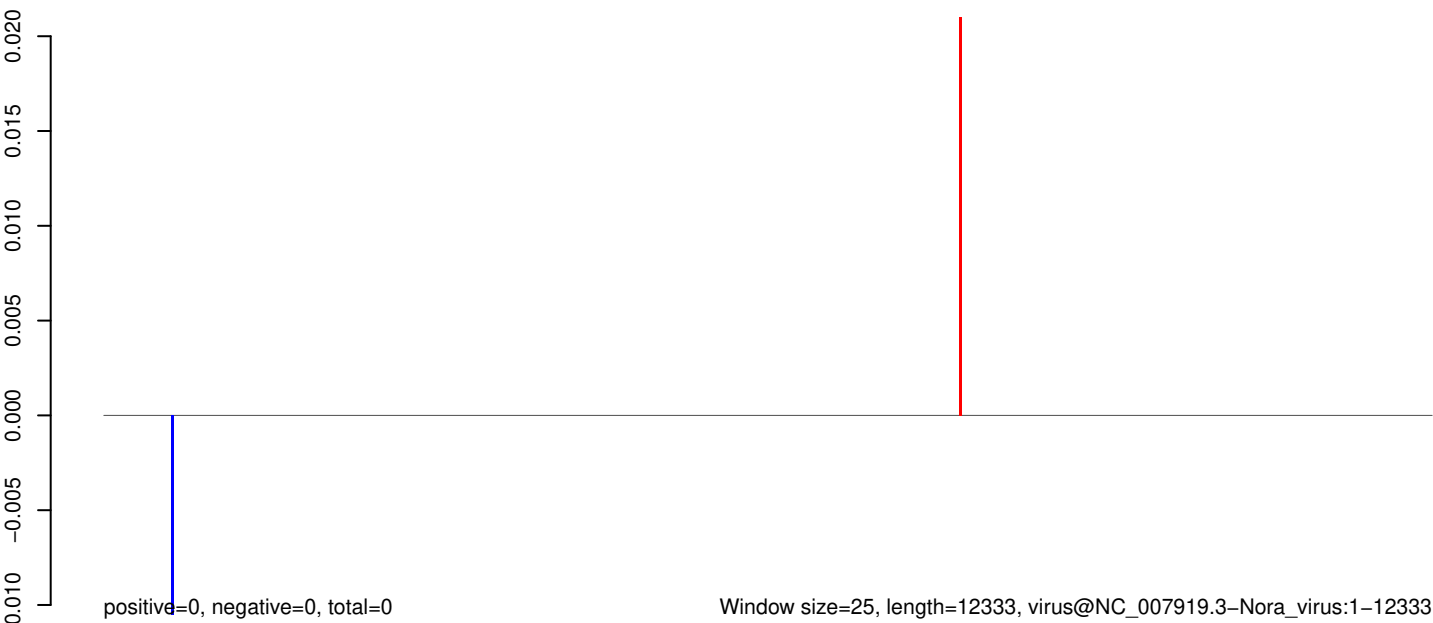
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



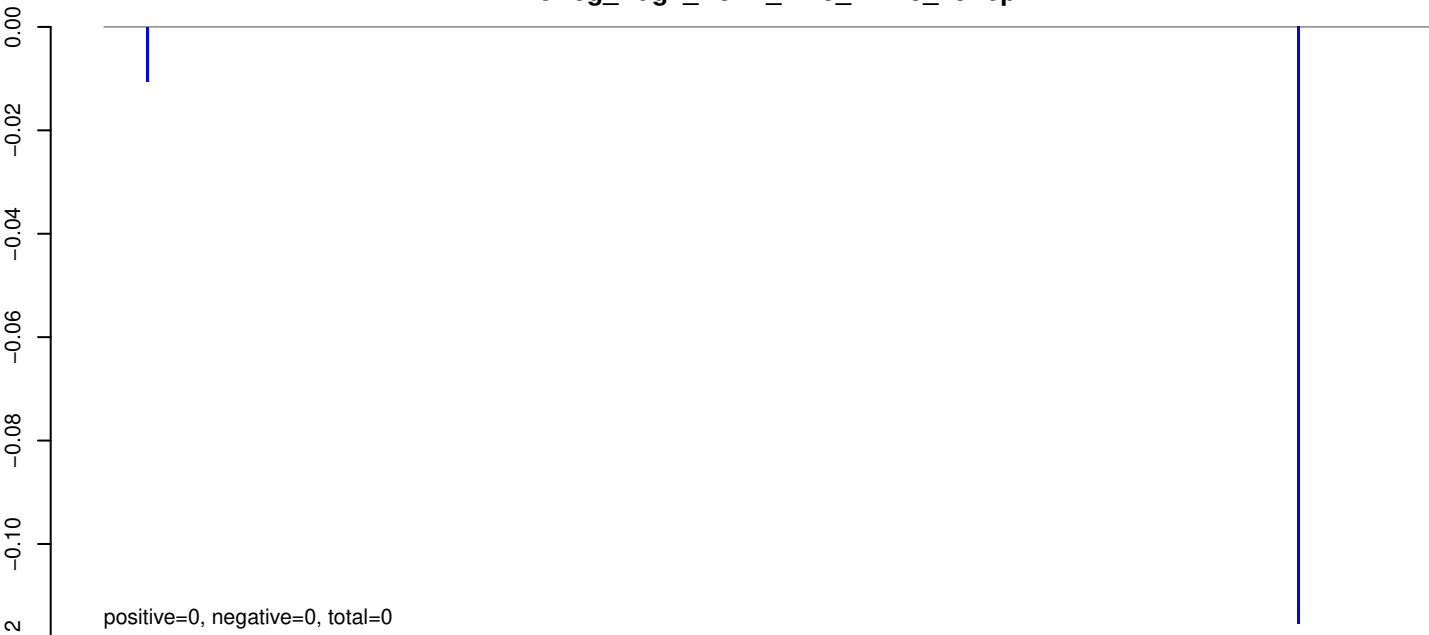
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



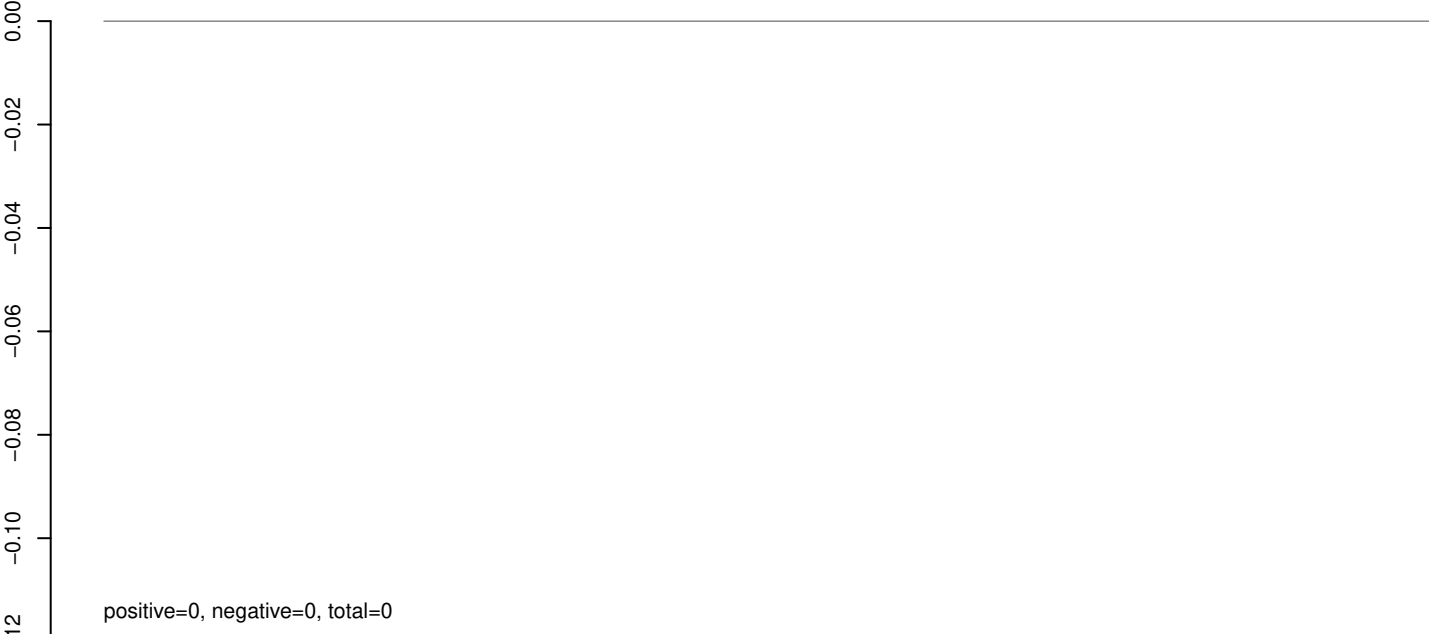
Window size=25, length=12333, virus@NC\_007919.3-Nora\_virus:1-12333

0 2000 4000 6000 8000 10000 12000

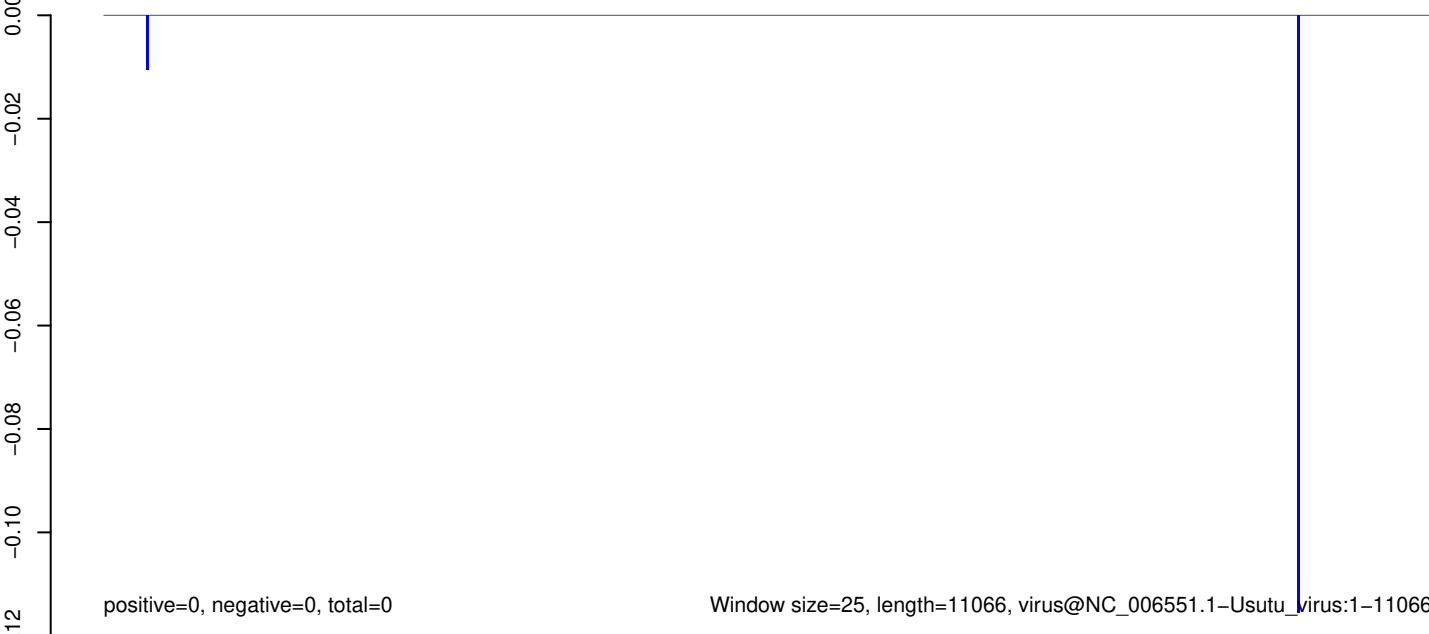
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



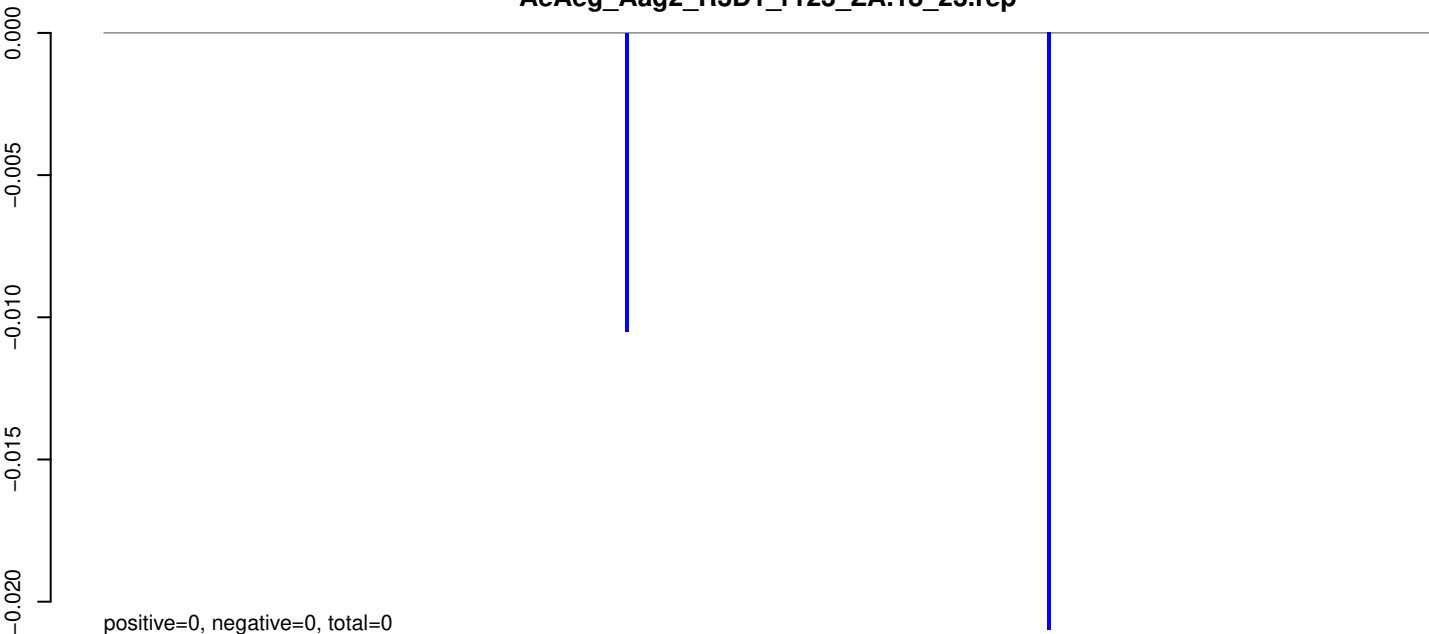
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

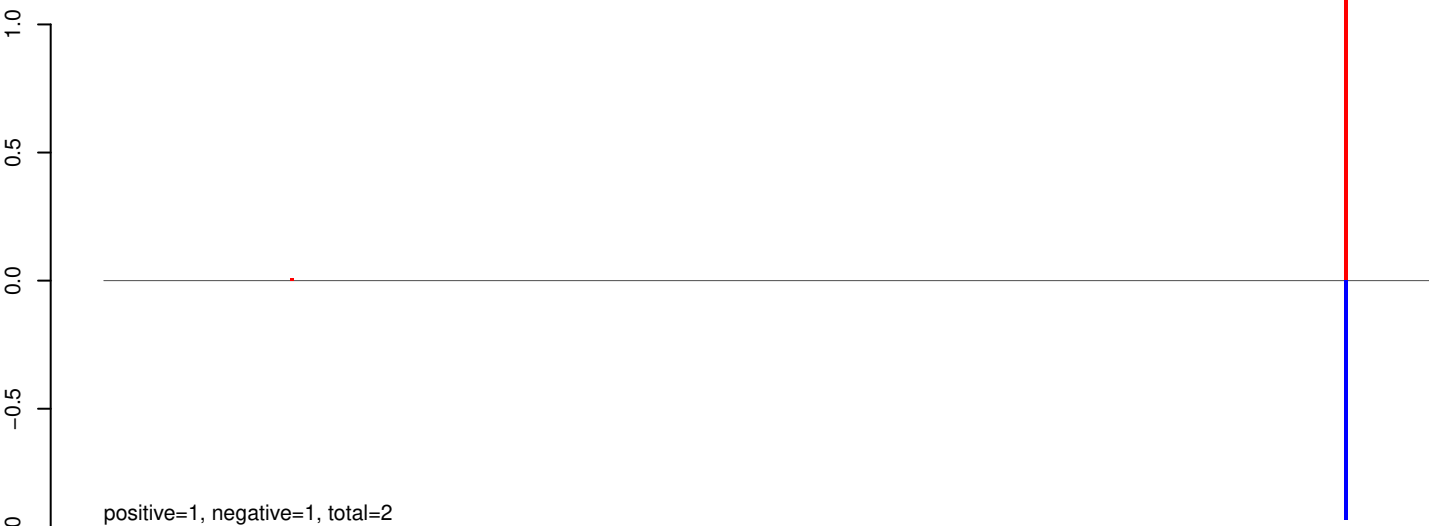


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

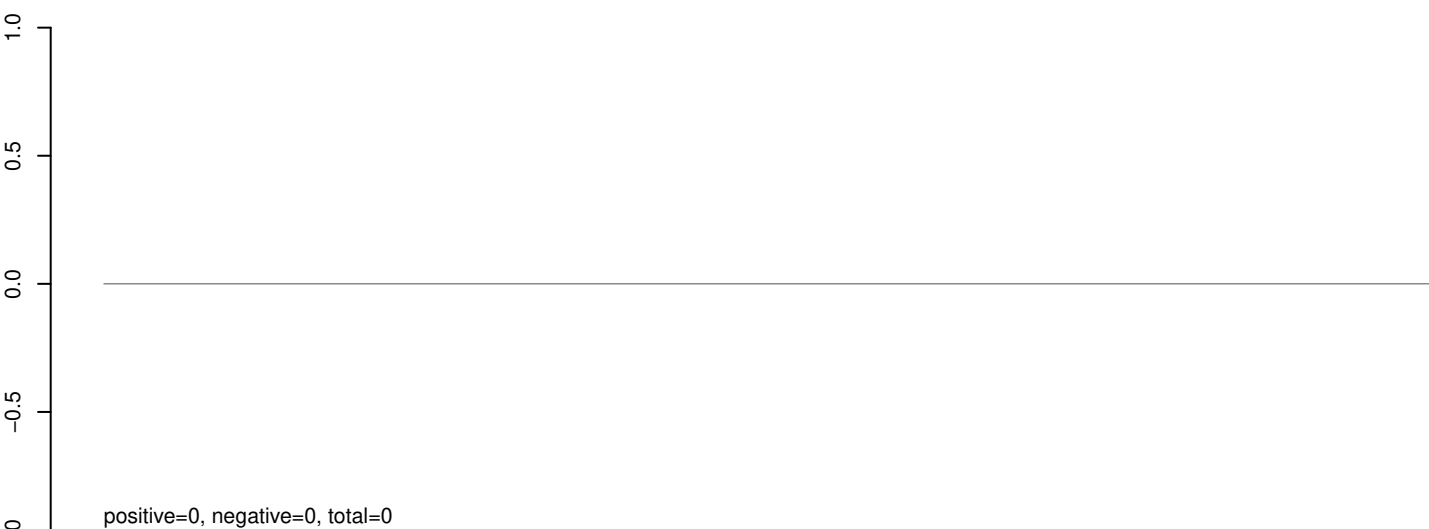


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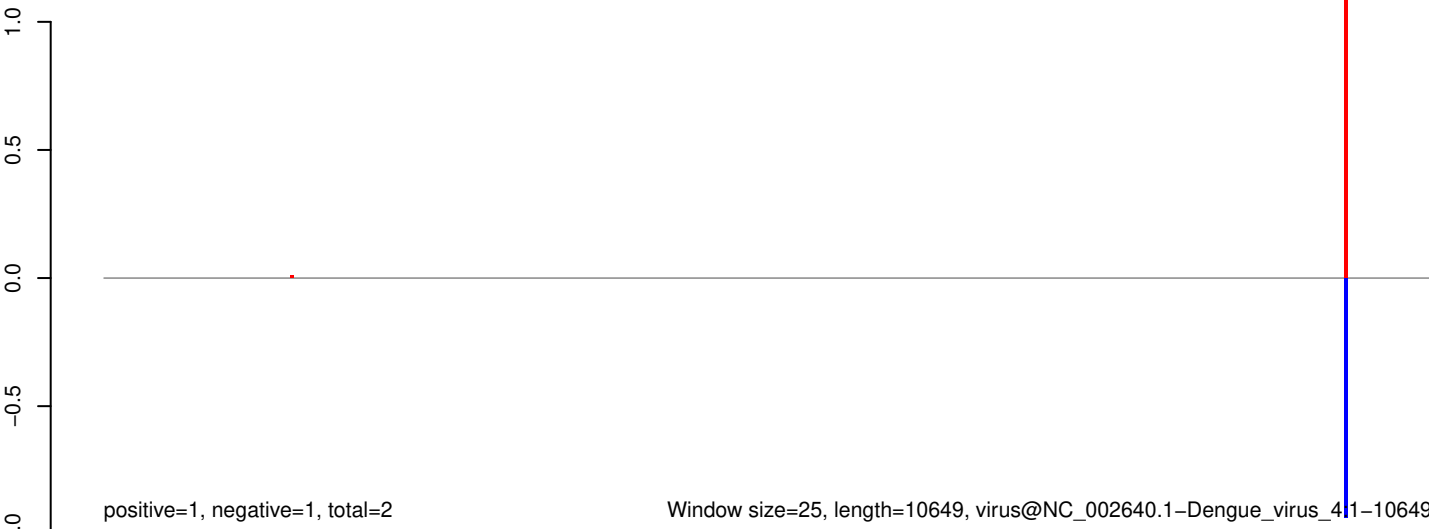
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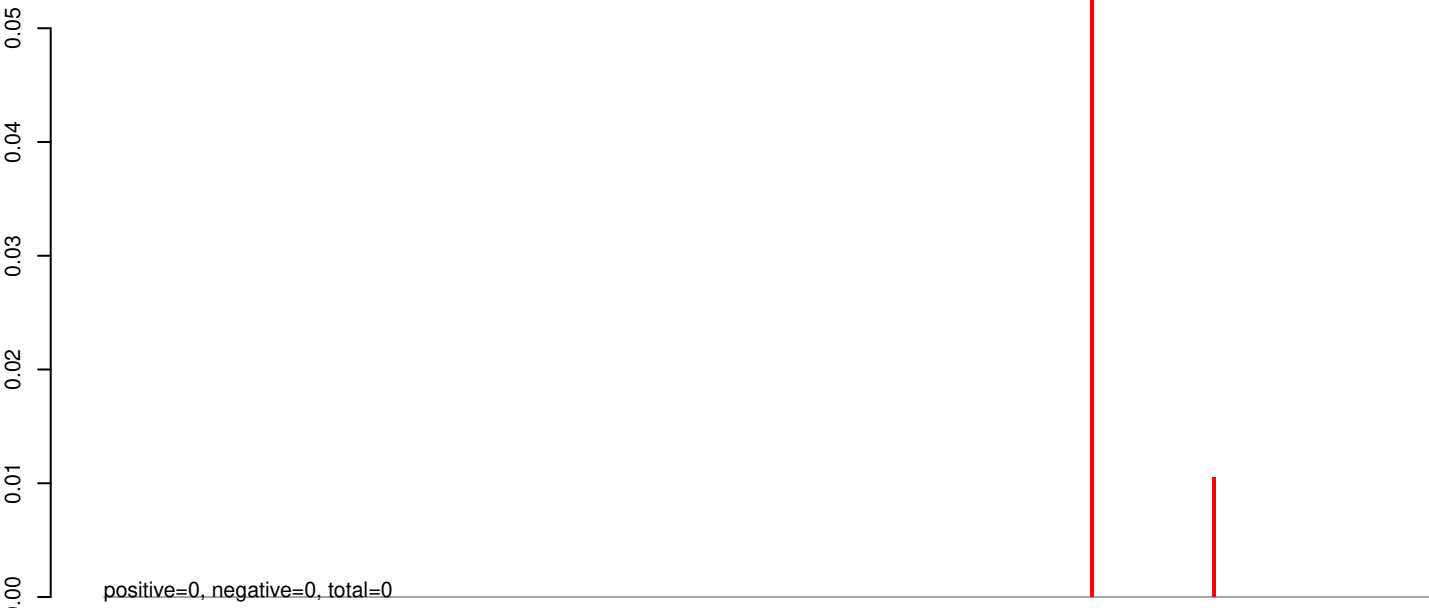
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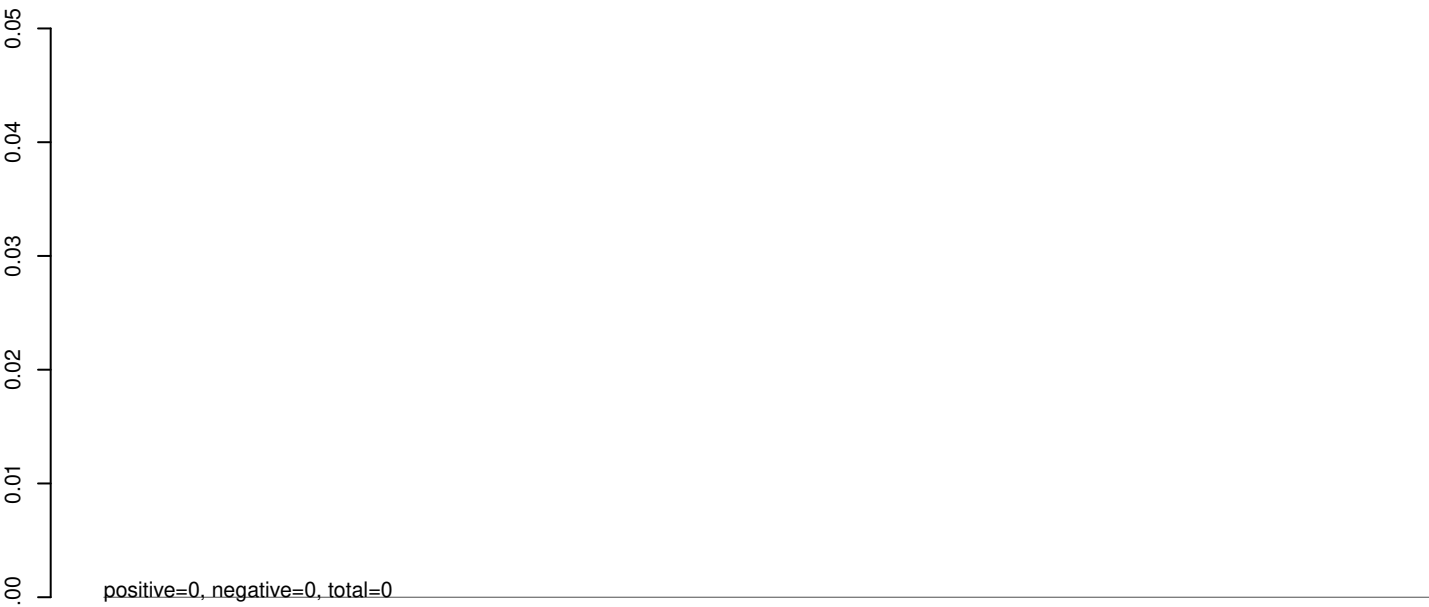
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



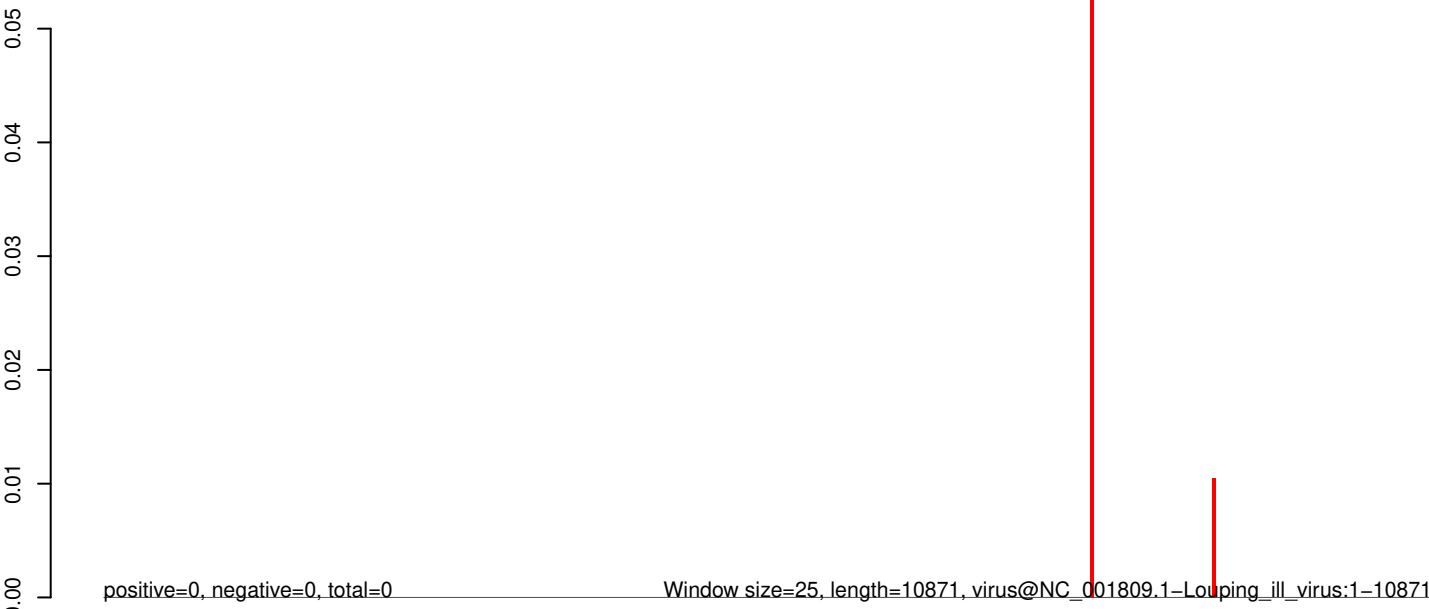
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

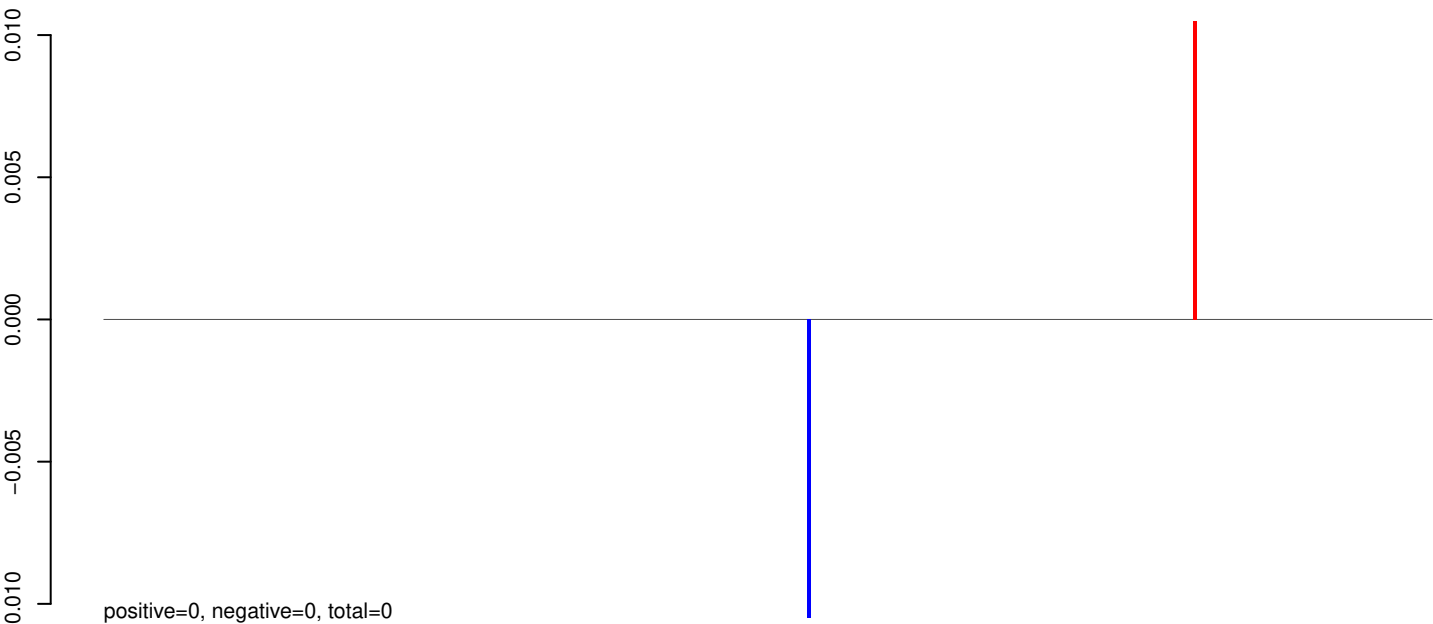


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

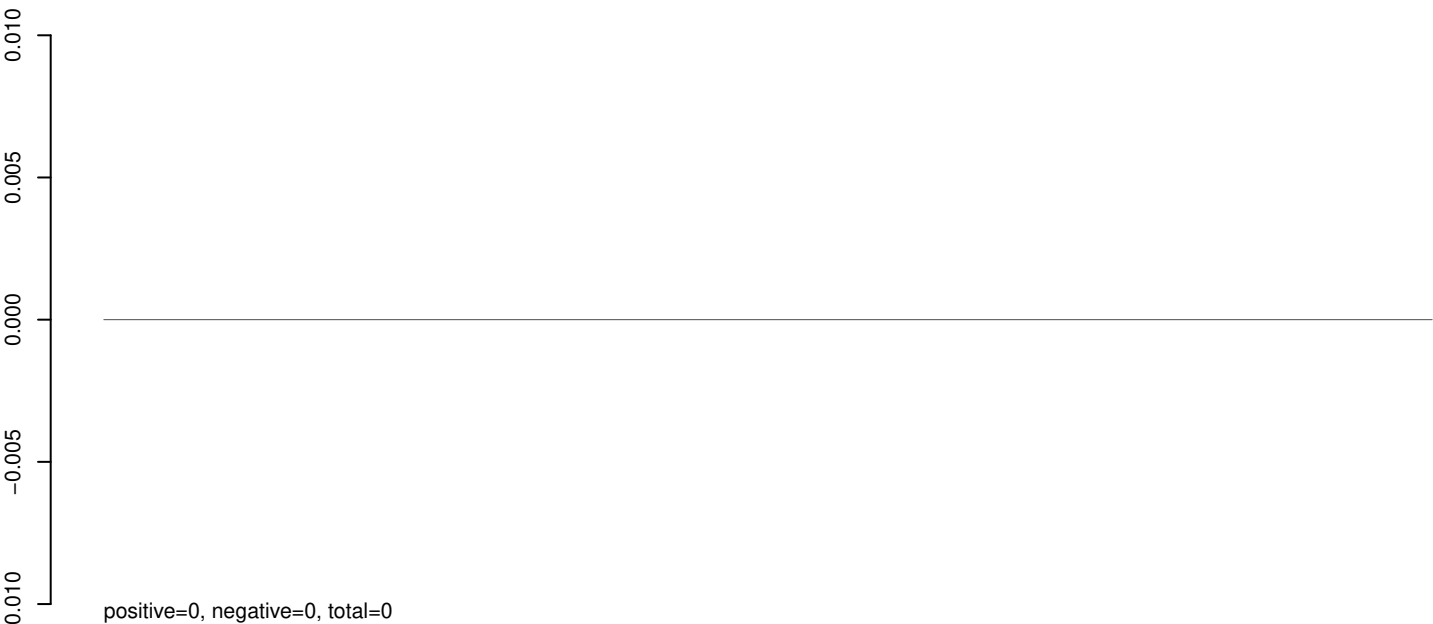




**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



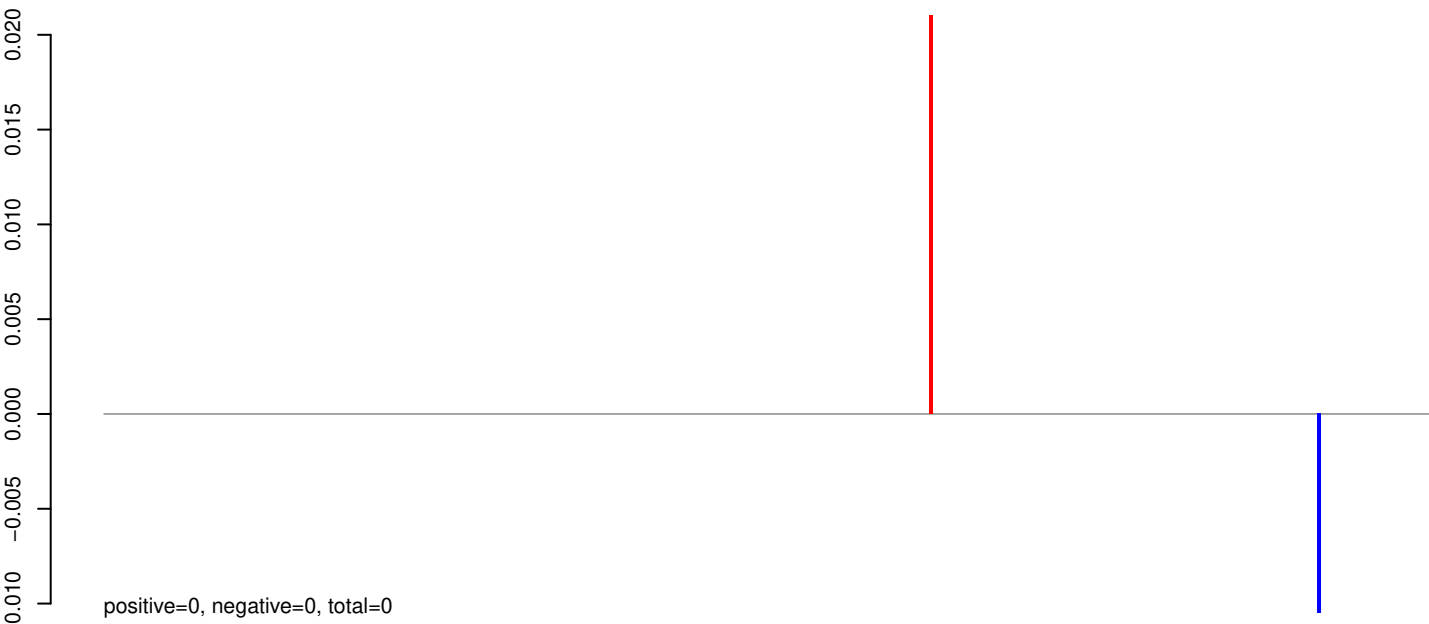
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



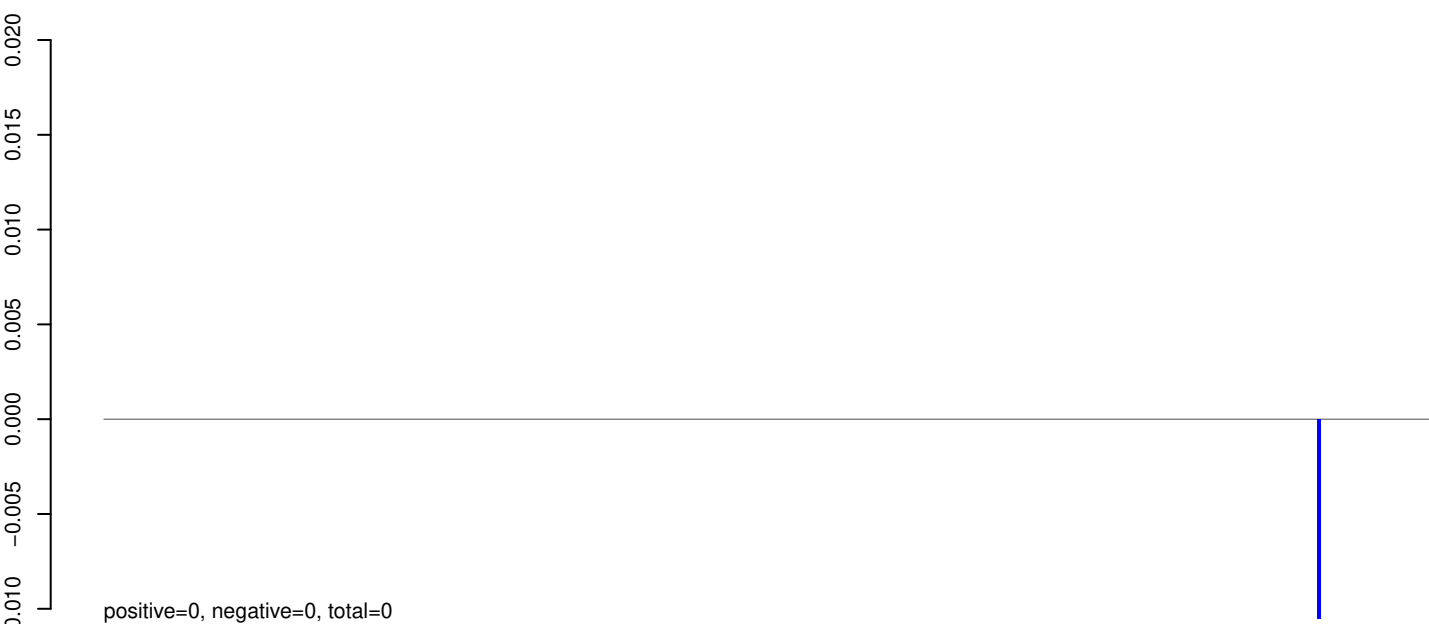
Window size=25, length=10976, virus@NC\_001437.1-Japanese\_encephalitis\_virus\_genome:1-10976

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



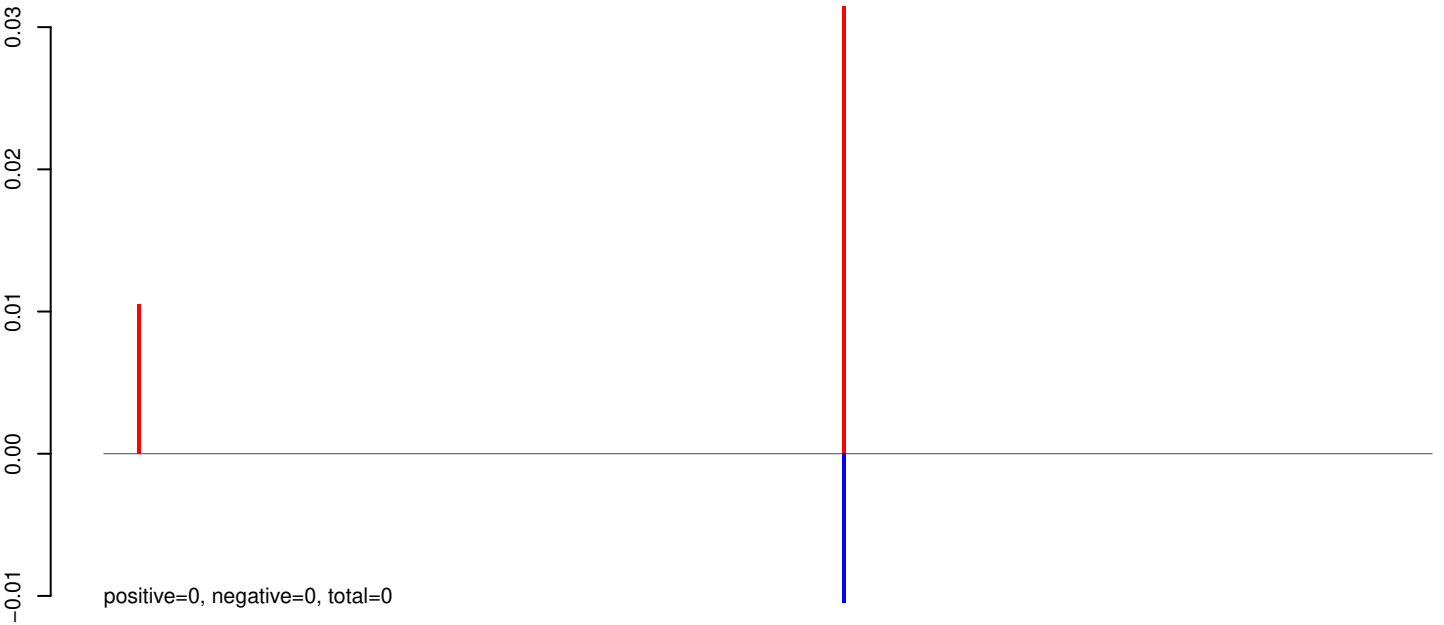
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



Window size=25, length=11014, virus@NC\_000943.1-Murray\_Valley\_encephalitis\_virus:1-11014

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



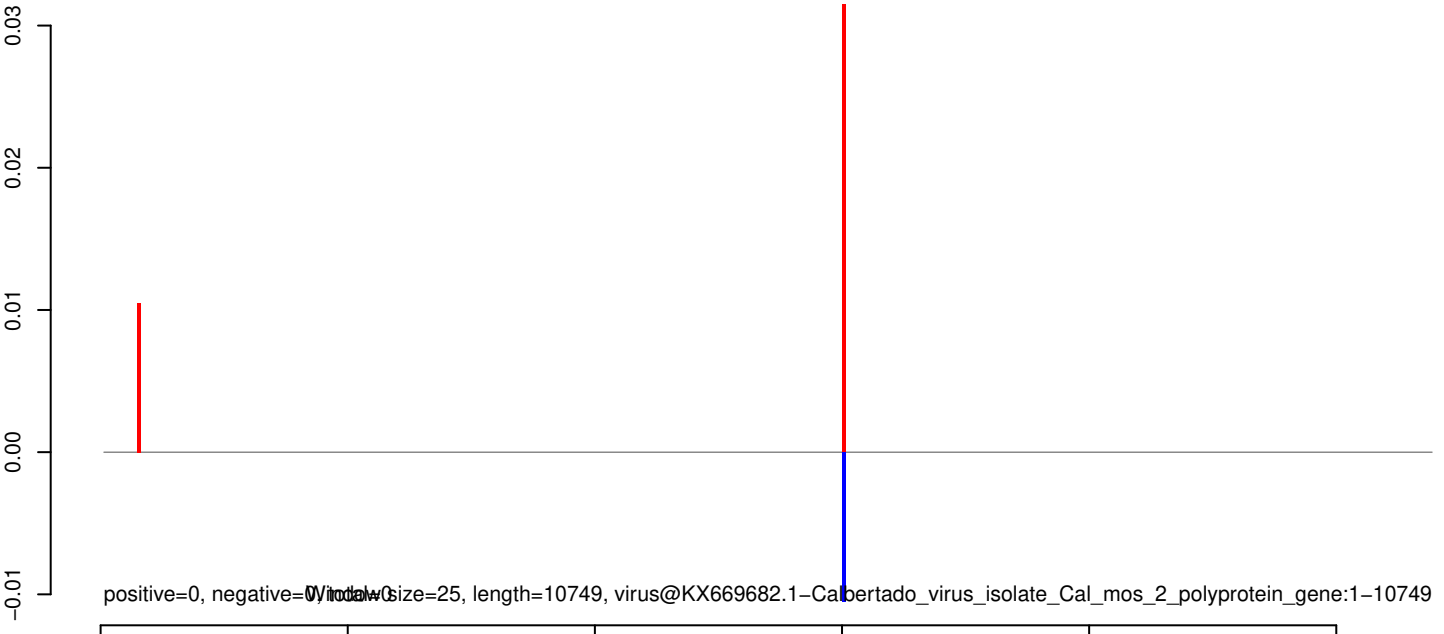
positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



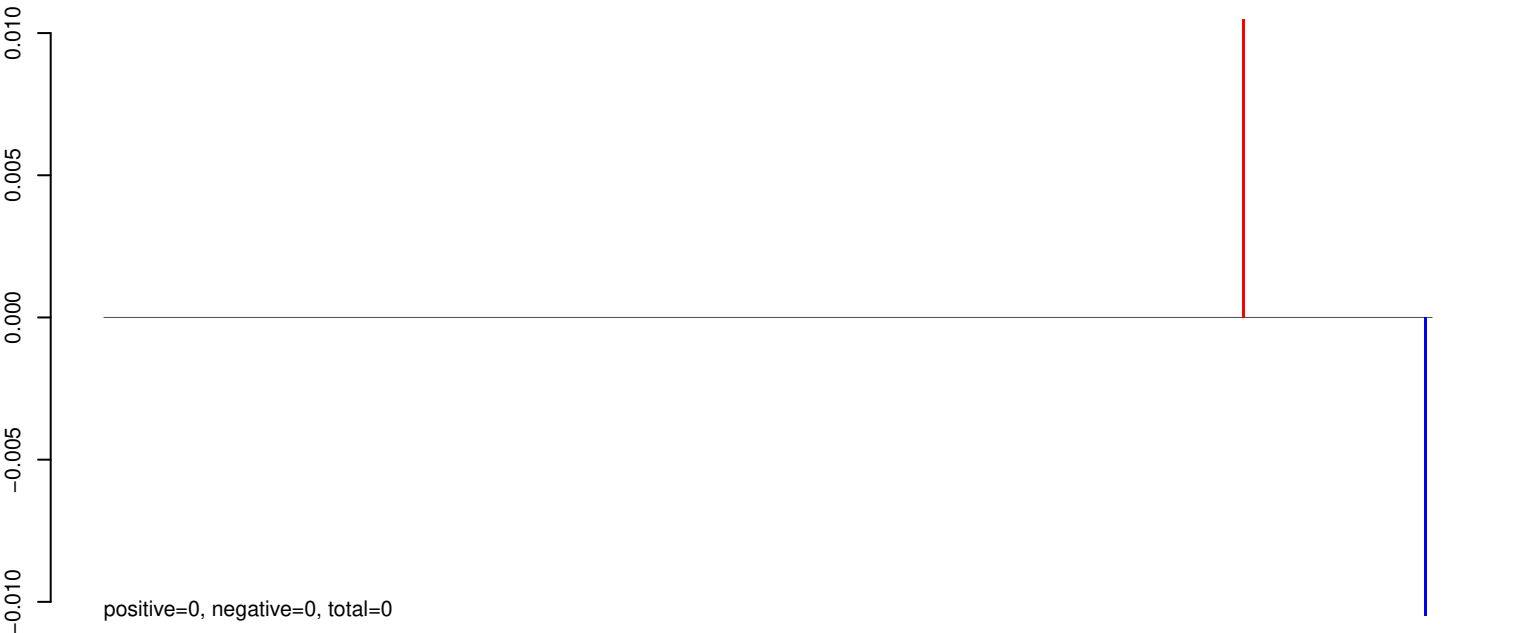
positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

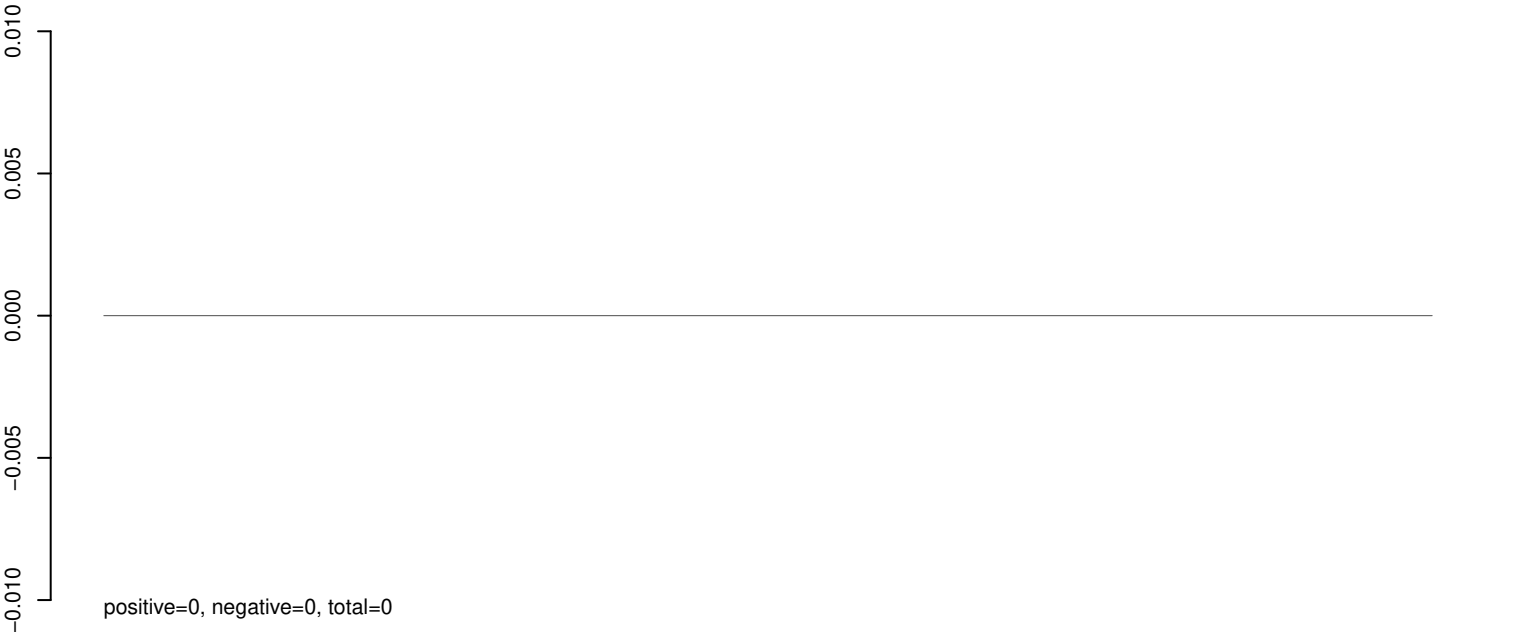


positive=0, negative=0, total=0  
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



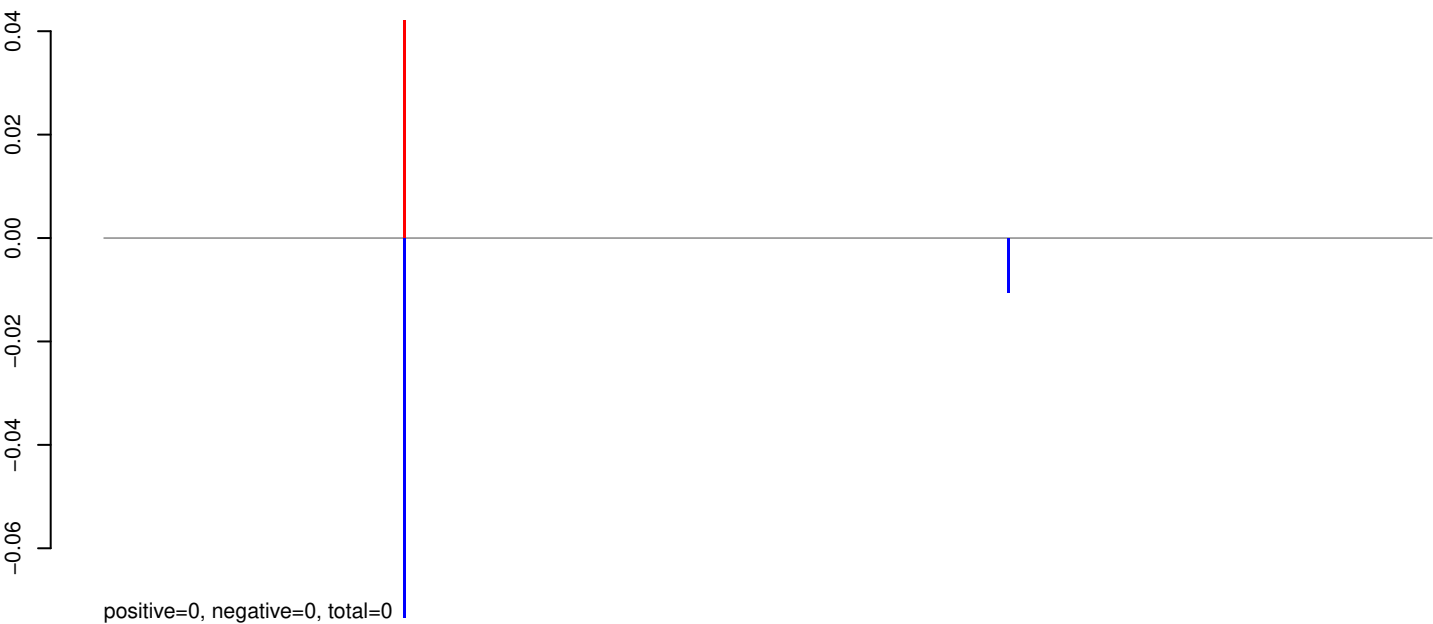
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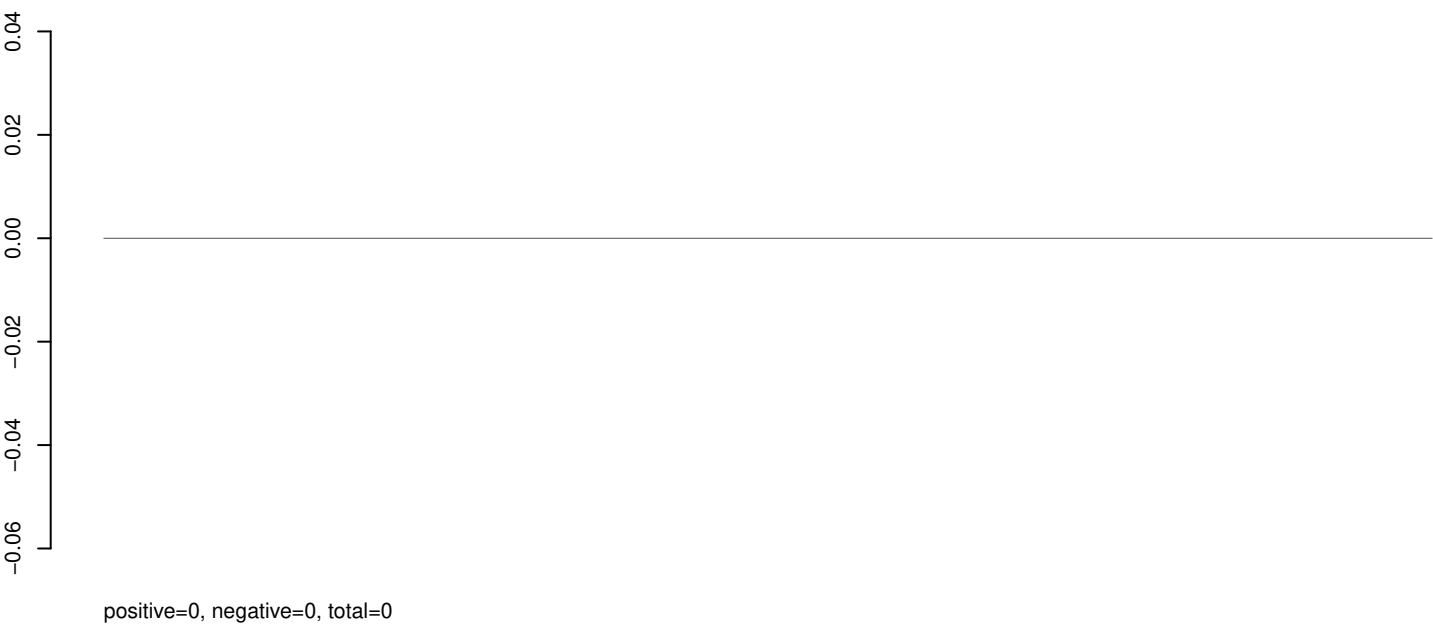
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



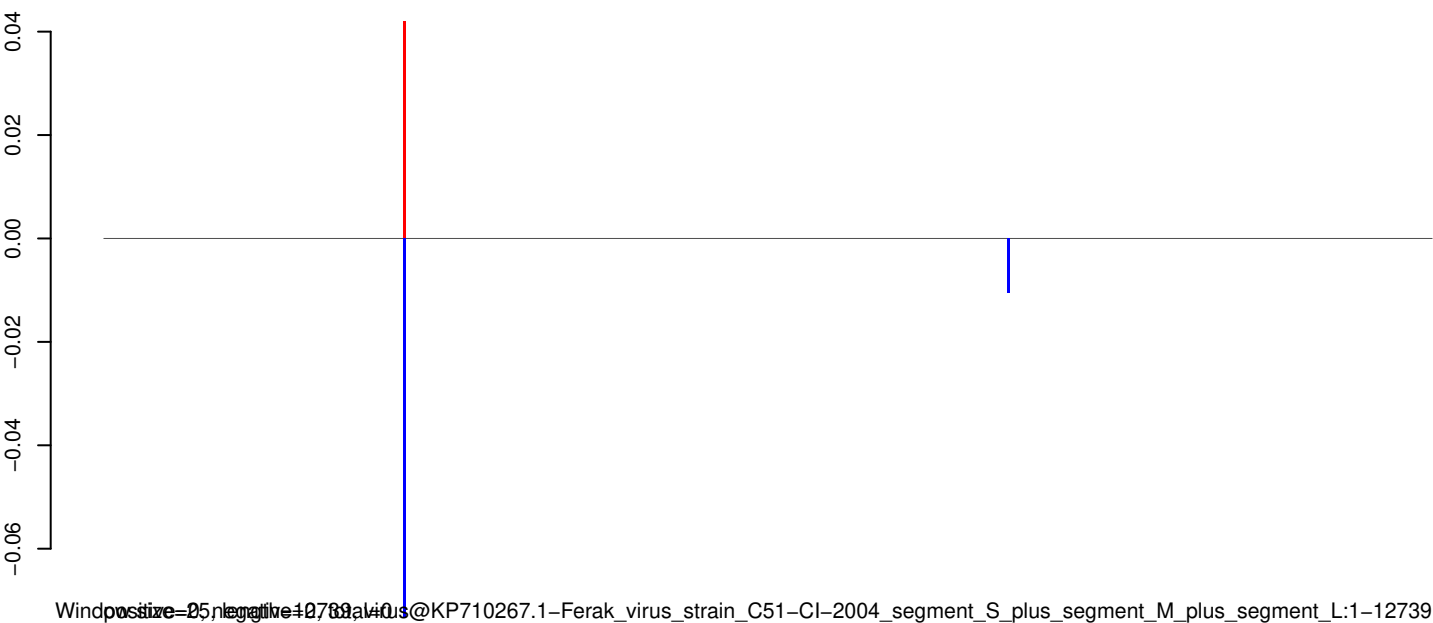
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



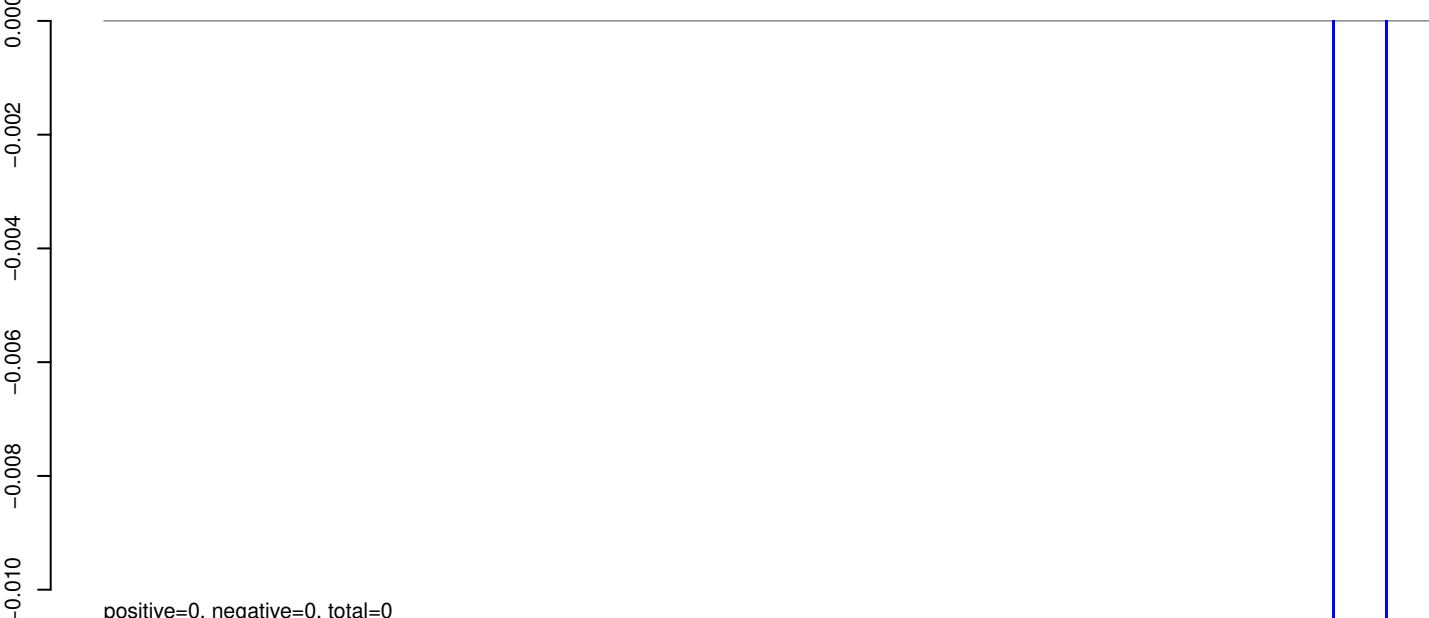
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



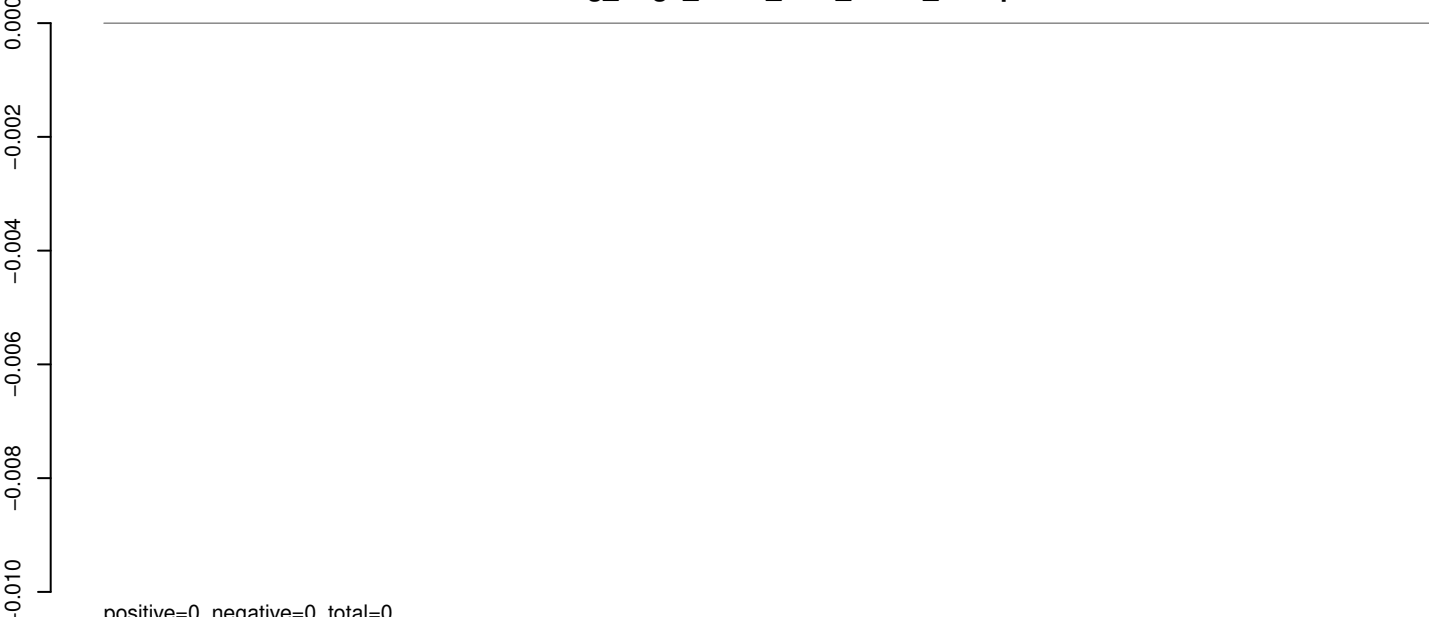
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



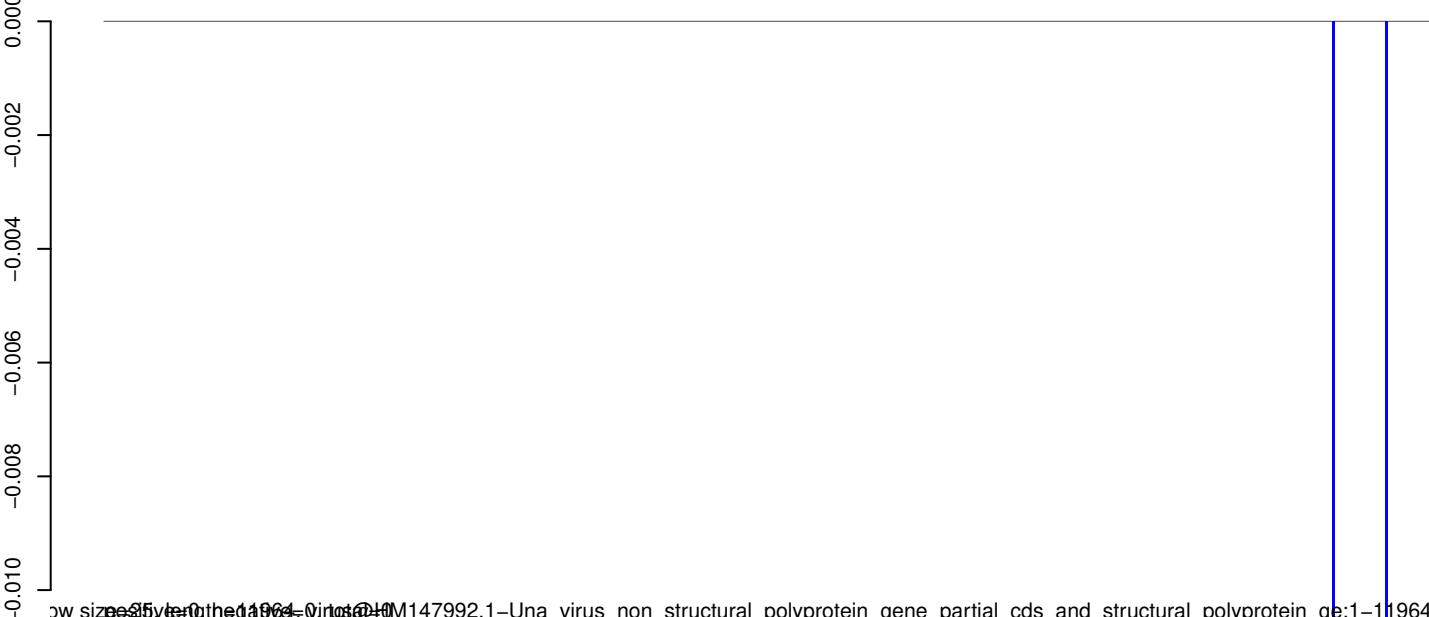
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



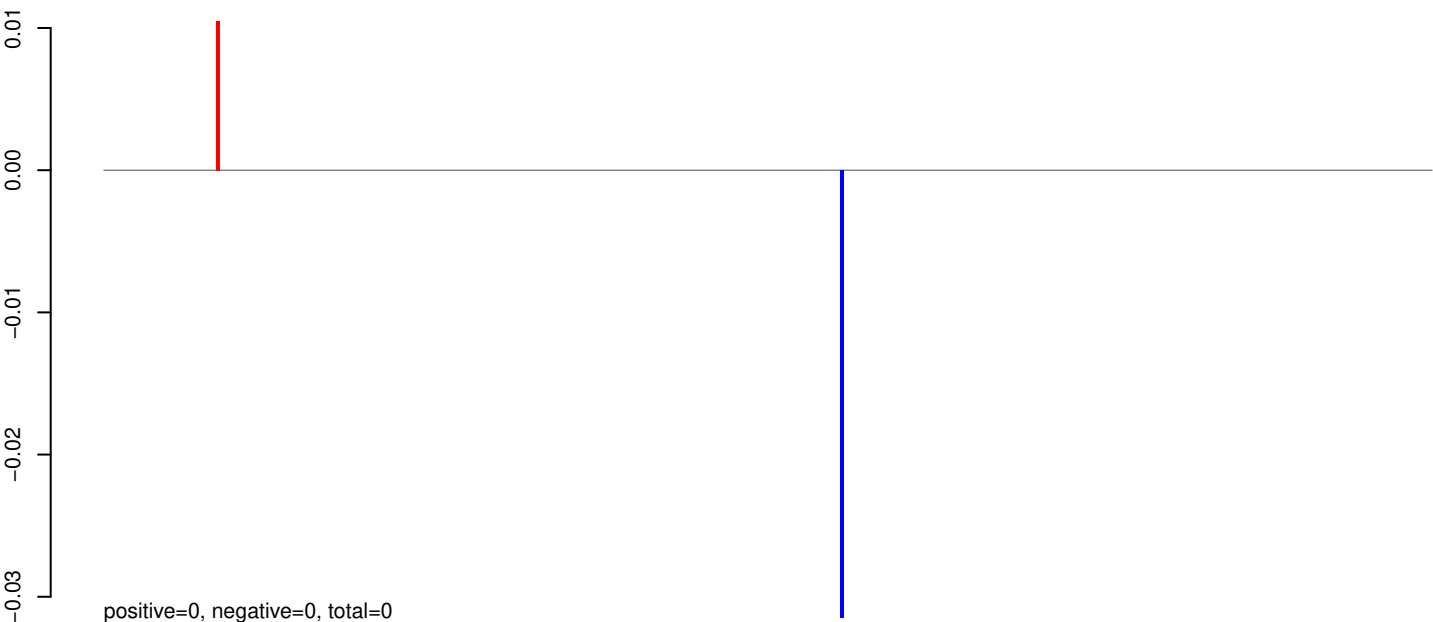
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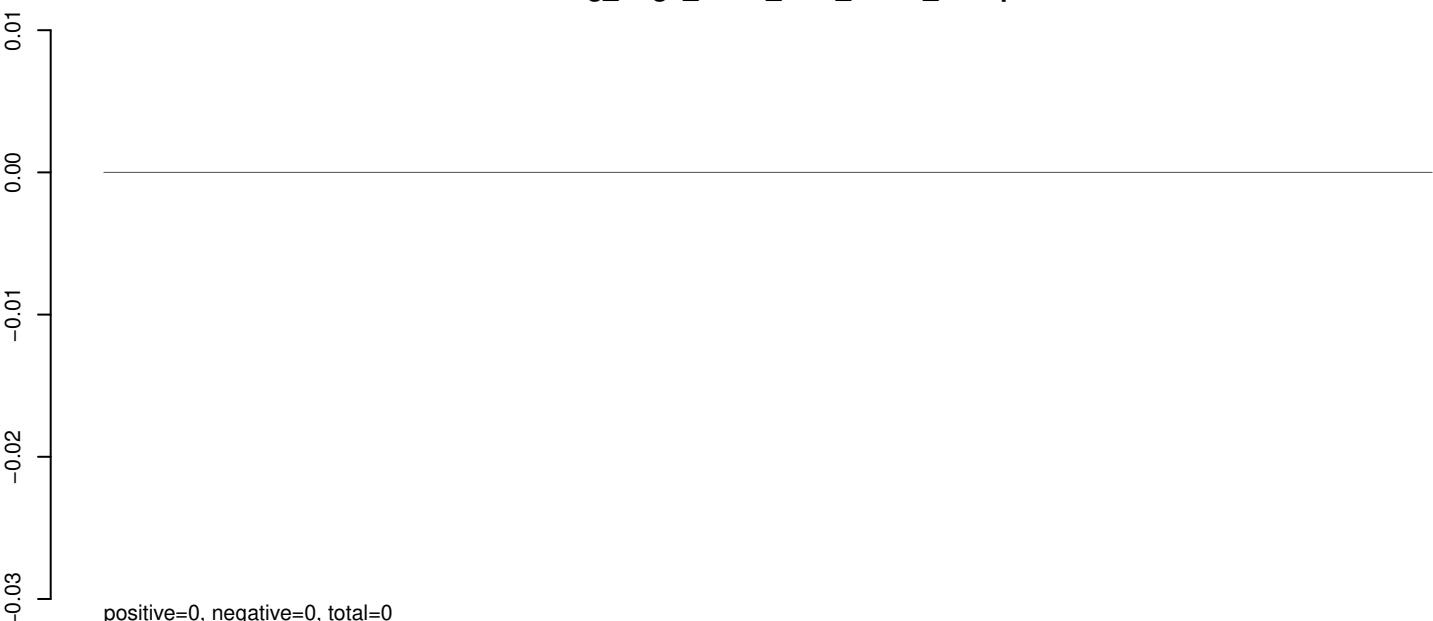
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M147992.1-Una\_virus\_non\_structural\_polyprotein\_gene\_partial\_cds\_and\_structural\_polyprotein\_ge:1-11964

0 2000 4000 6000 8000 10000 12000

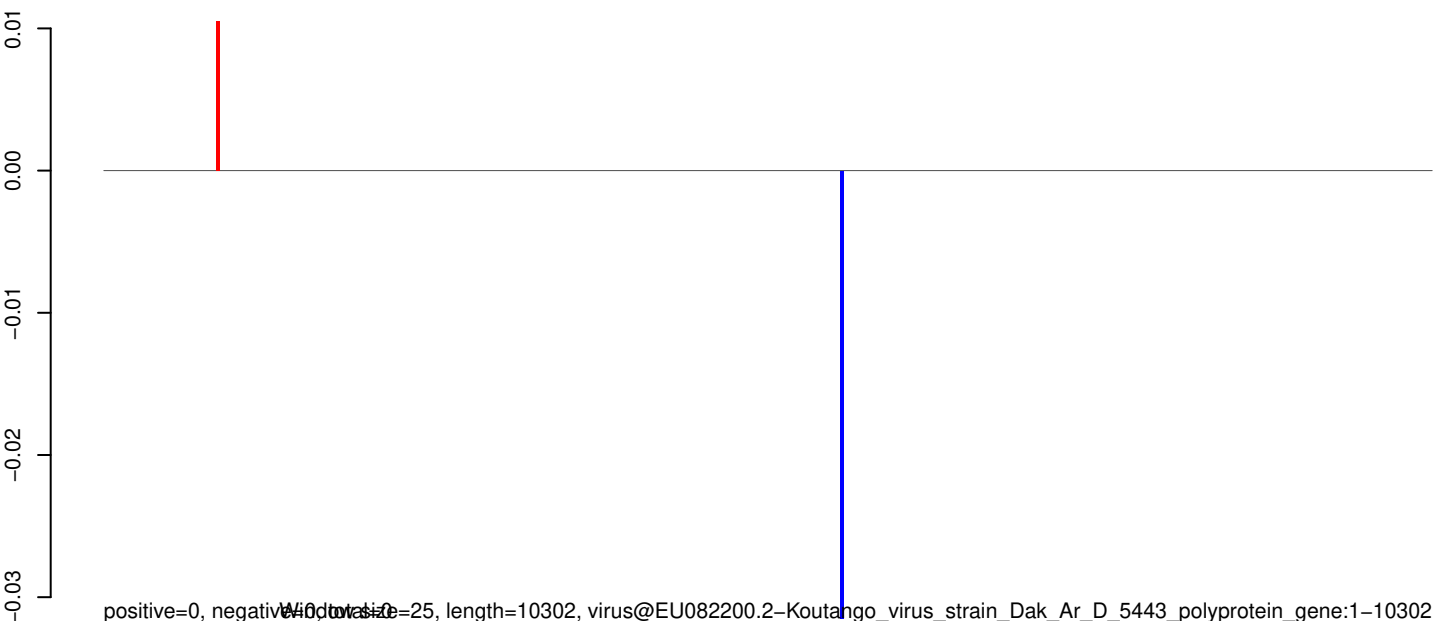
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

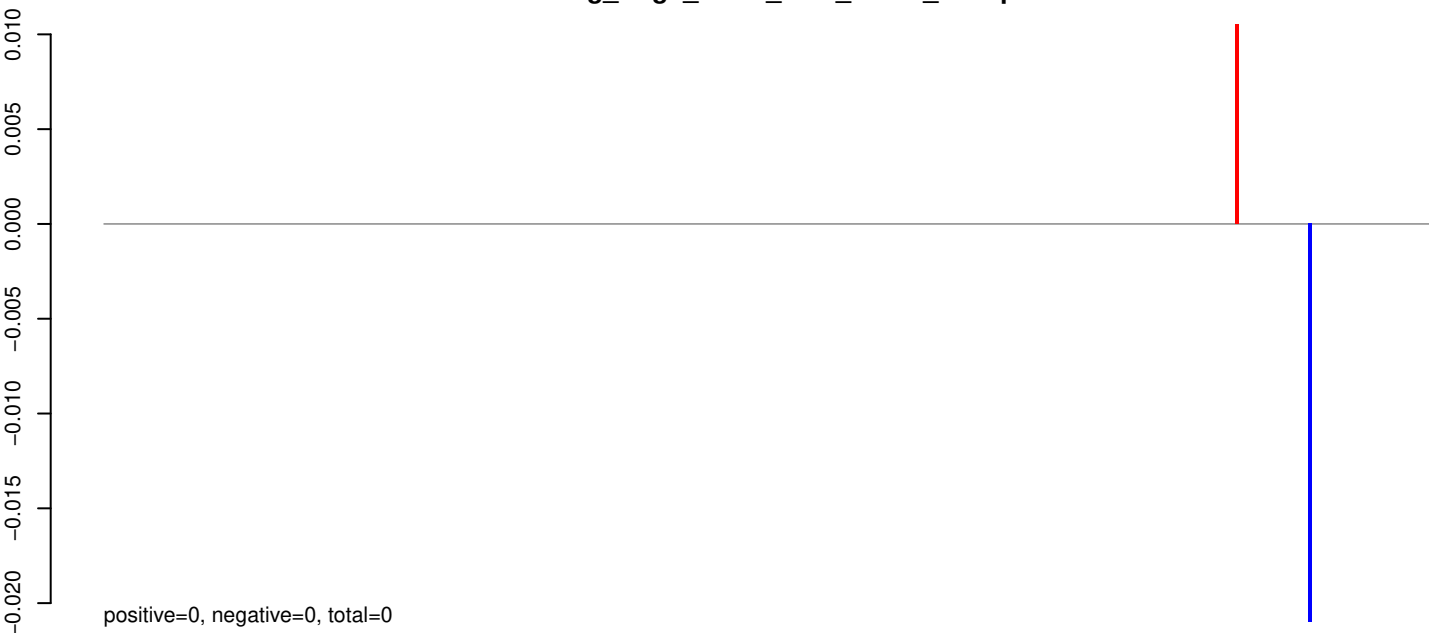


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

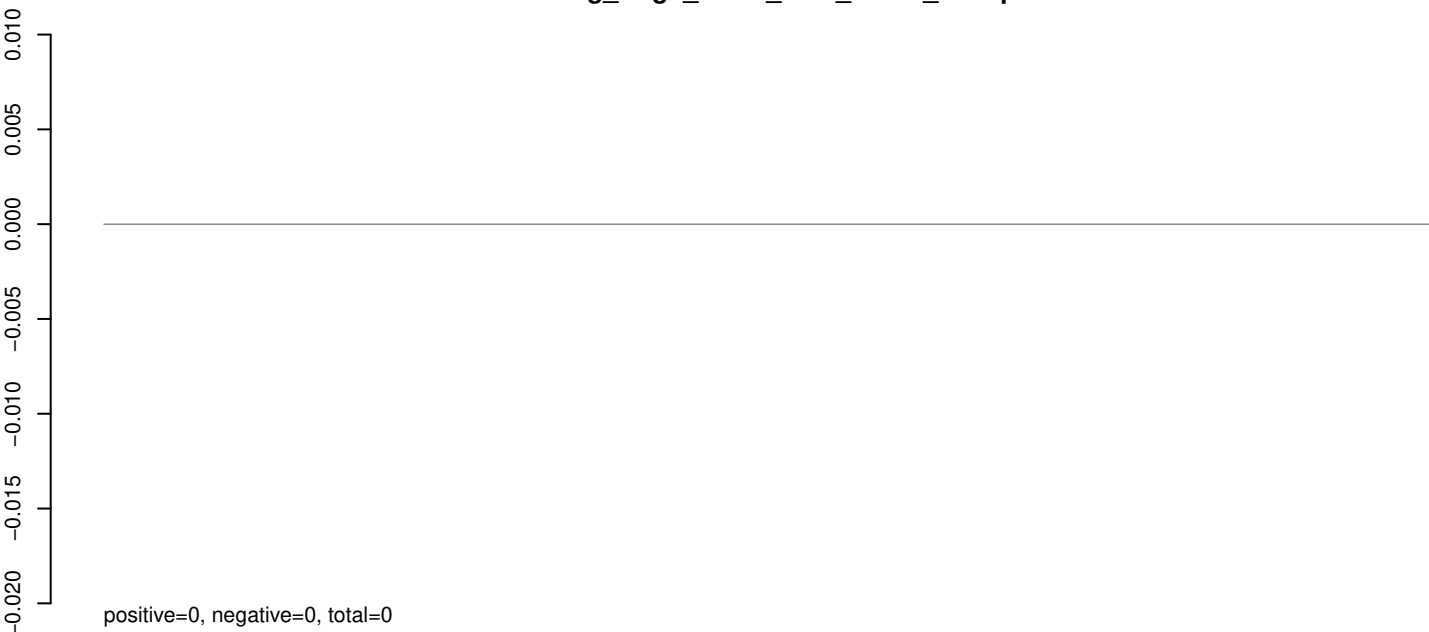


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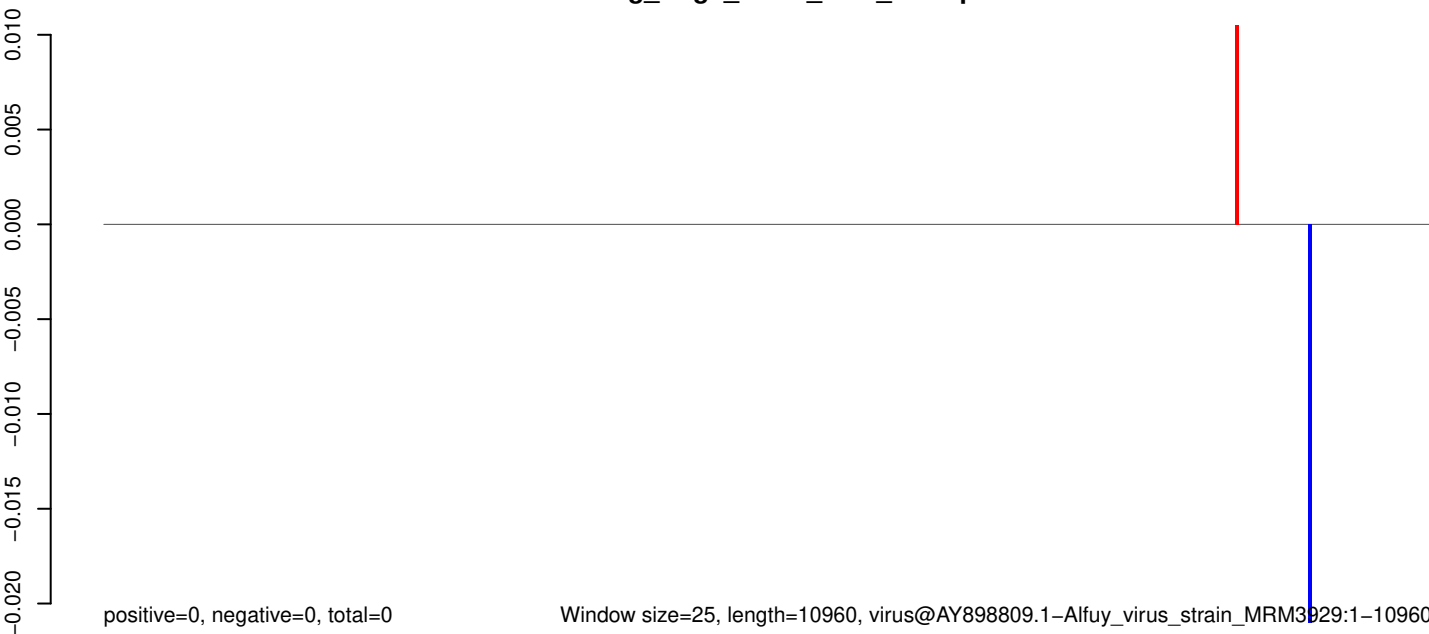
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

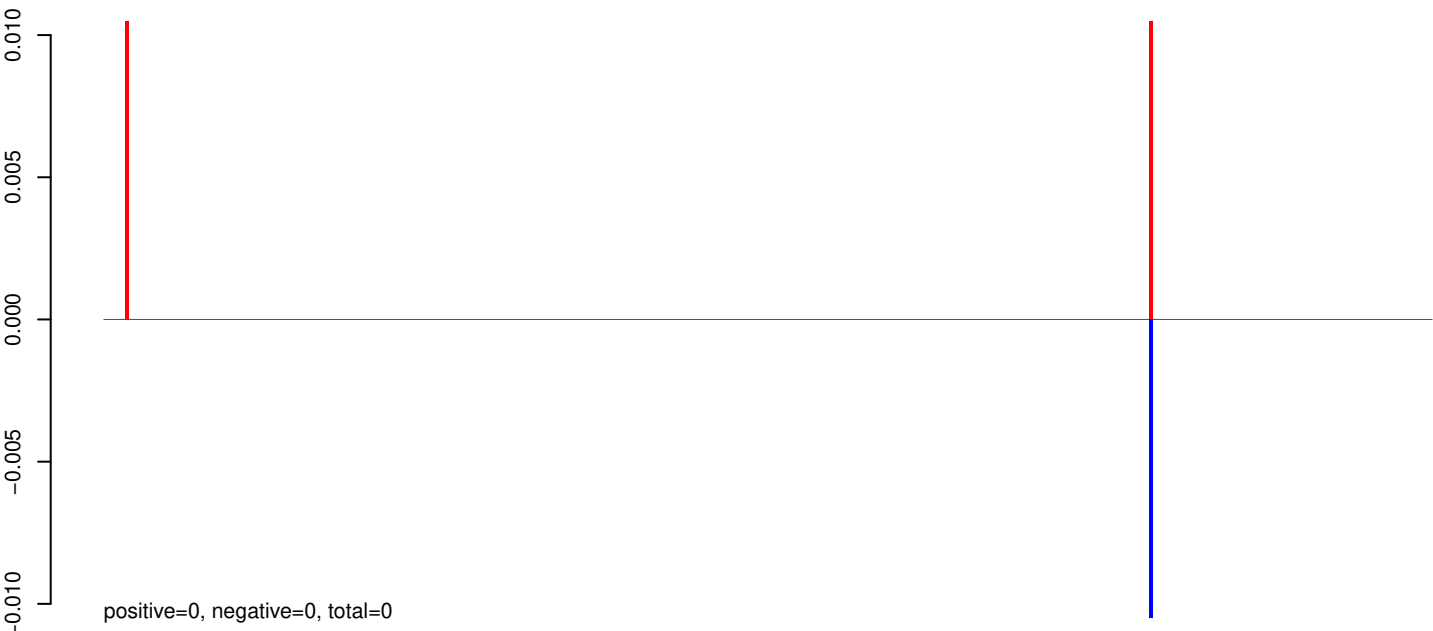


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0 2000 4000 6000 8000 10000

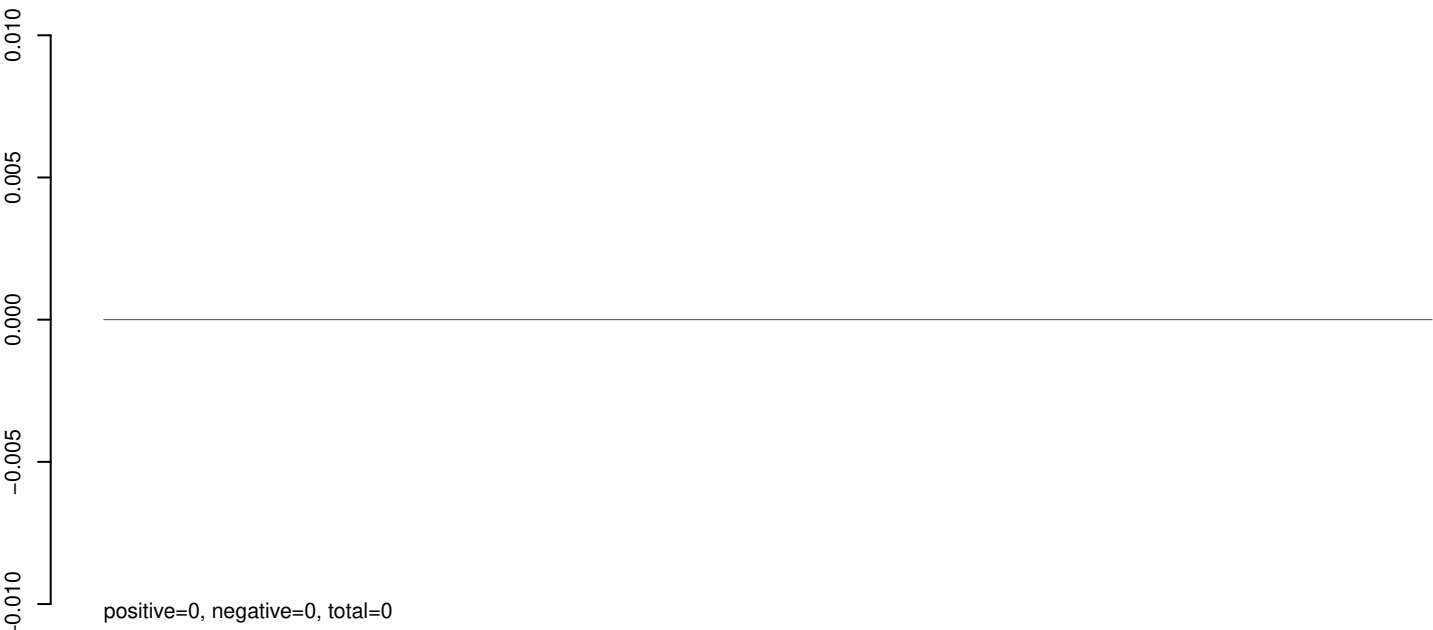


**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

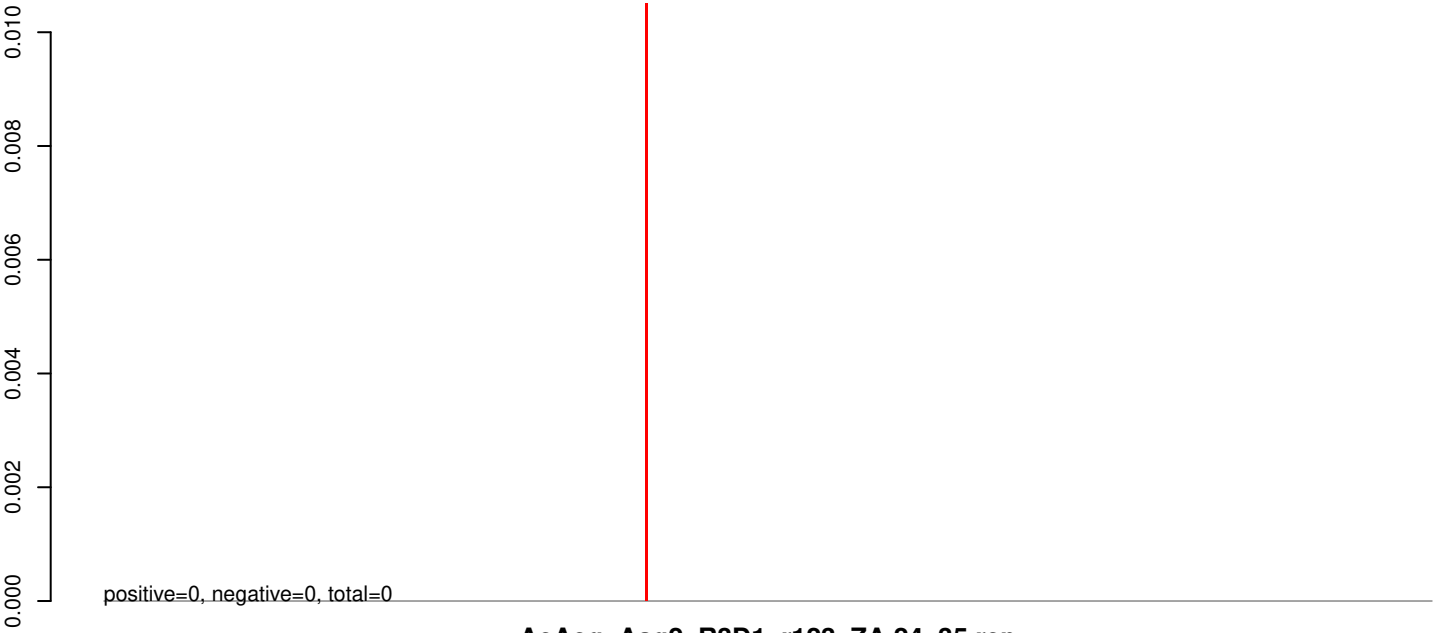


positive=0, negative=0, total=0

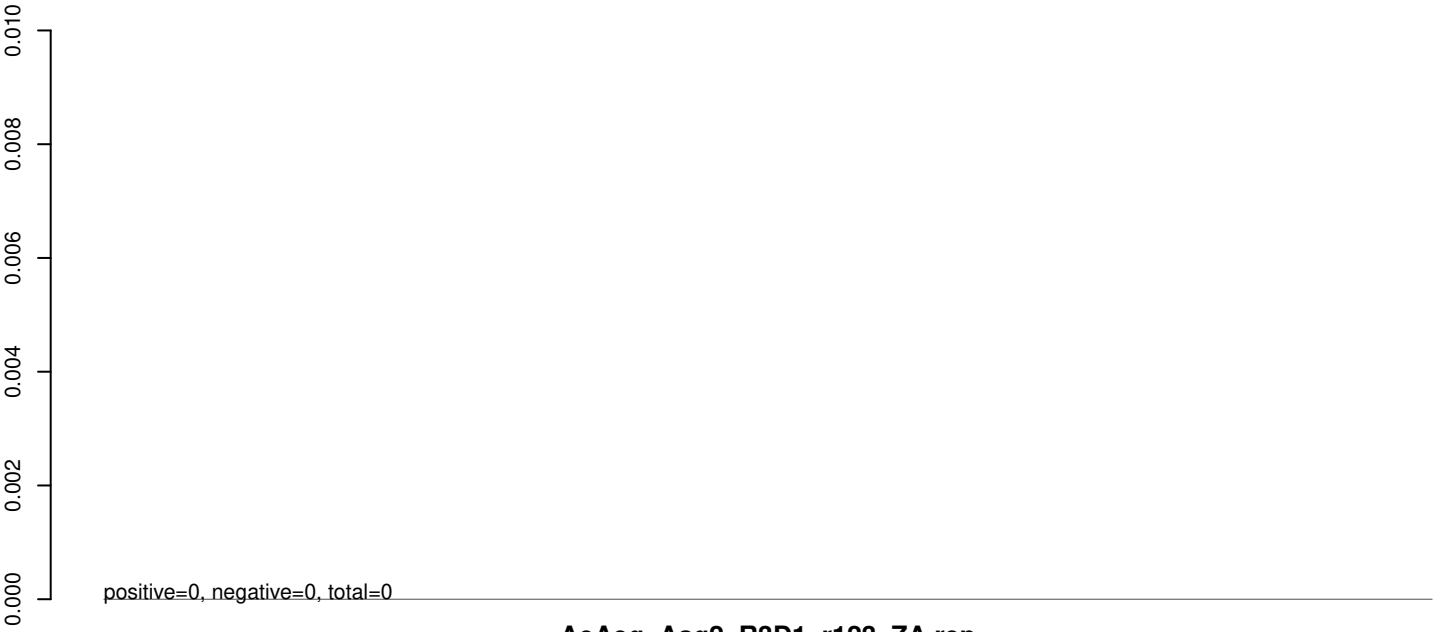
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0 2000 4000 6000 8000 10000

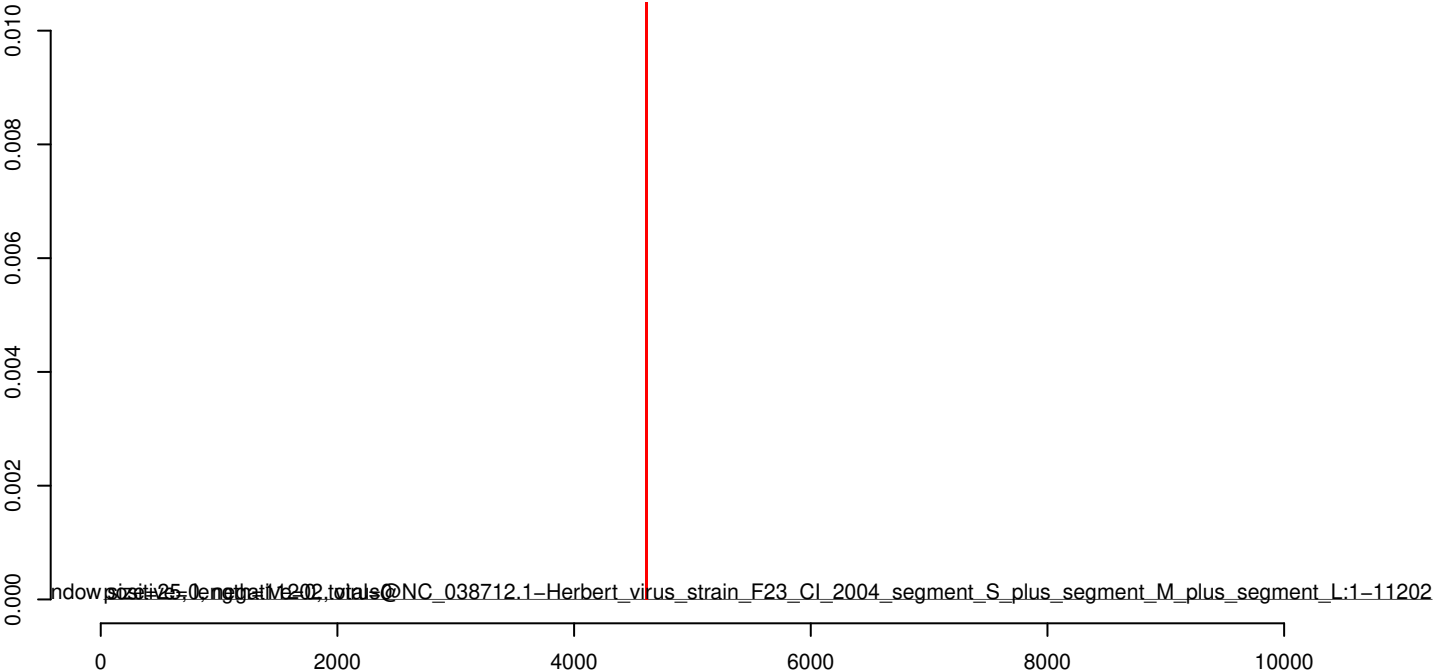
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



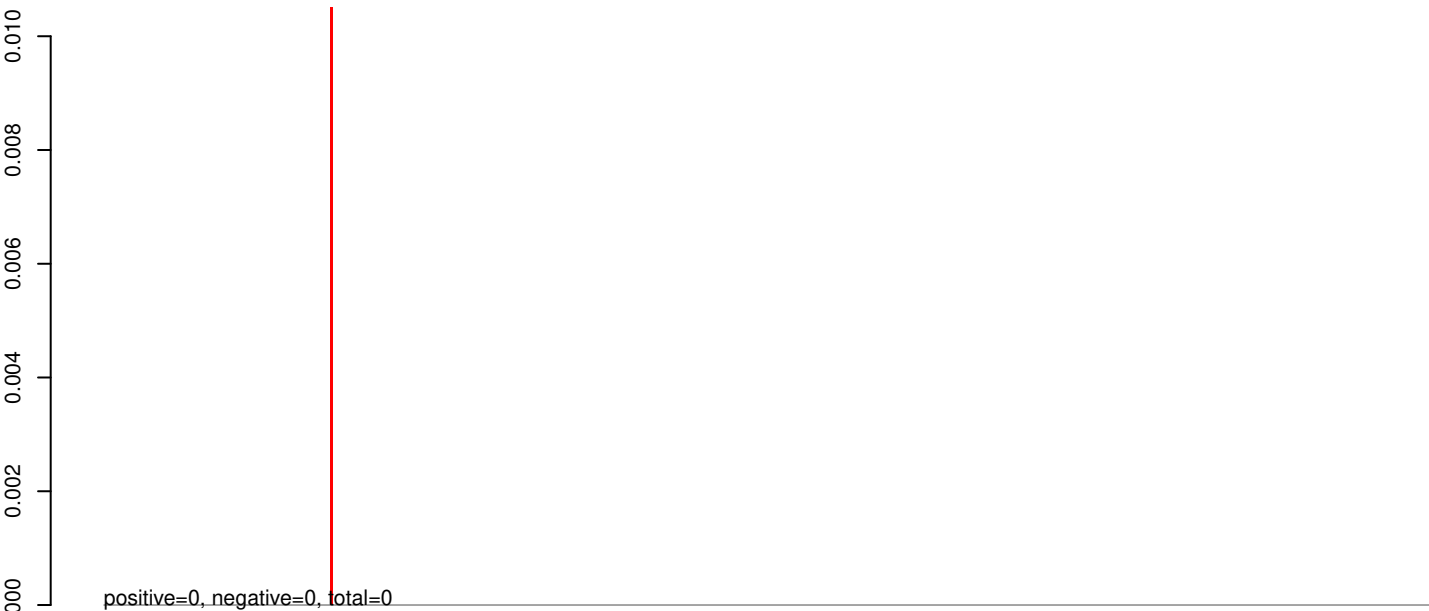
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



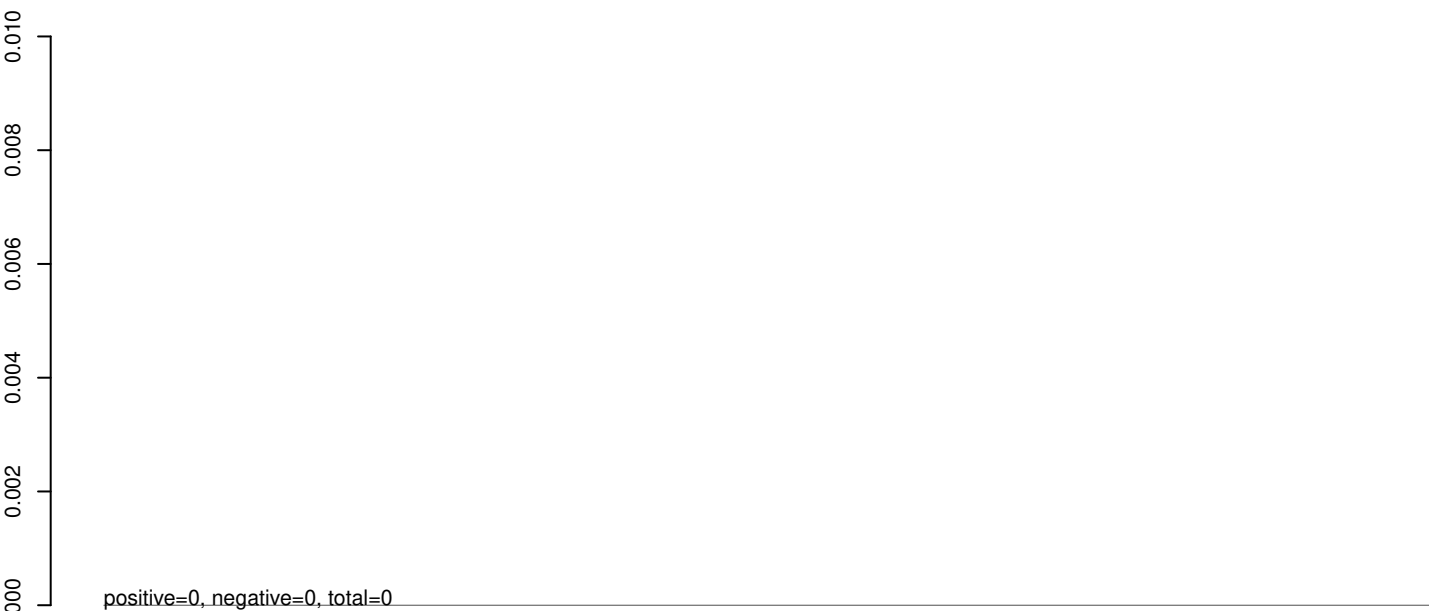
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



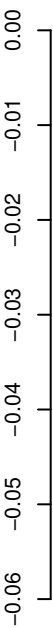
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

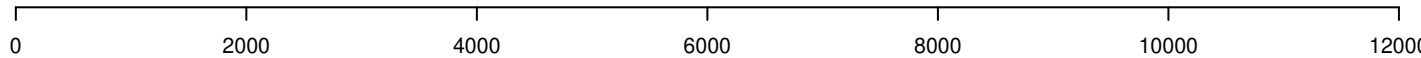


positive=0, negative=0, total=0

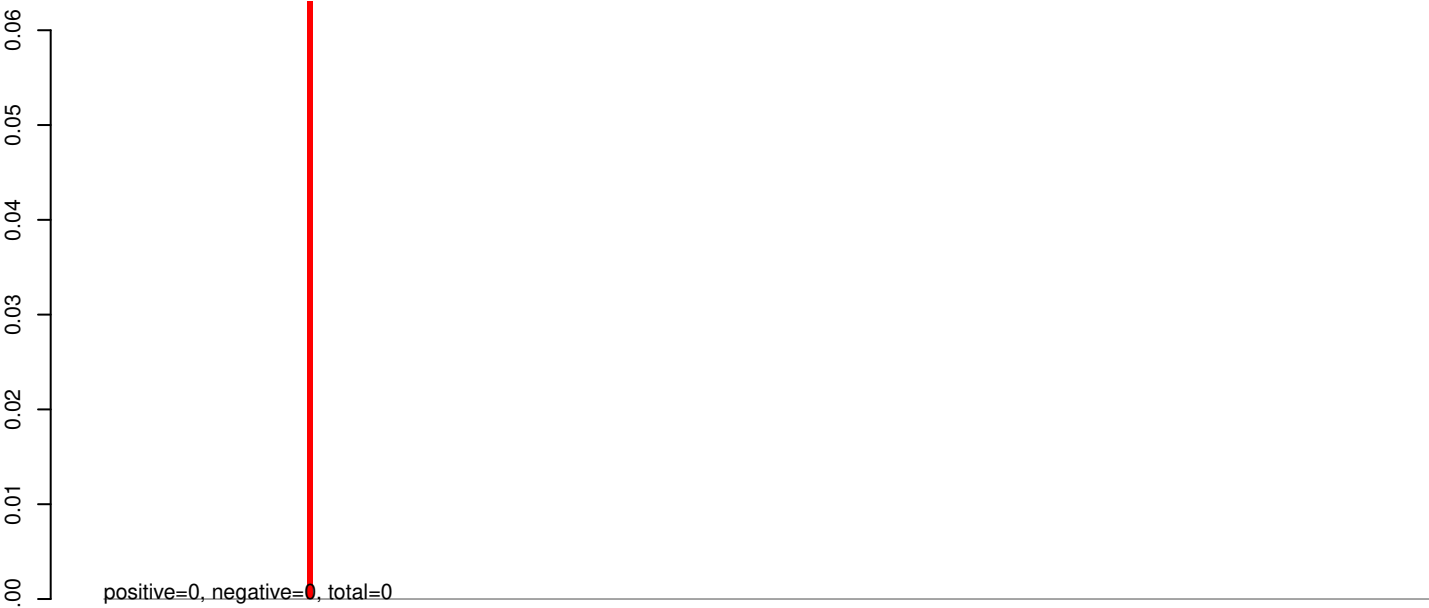
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



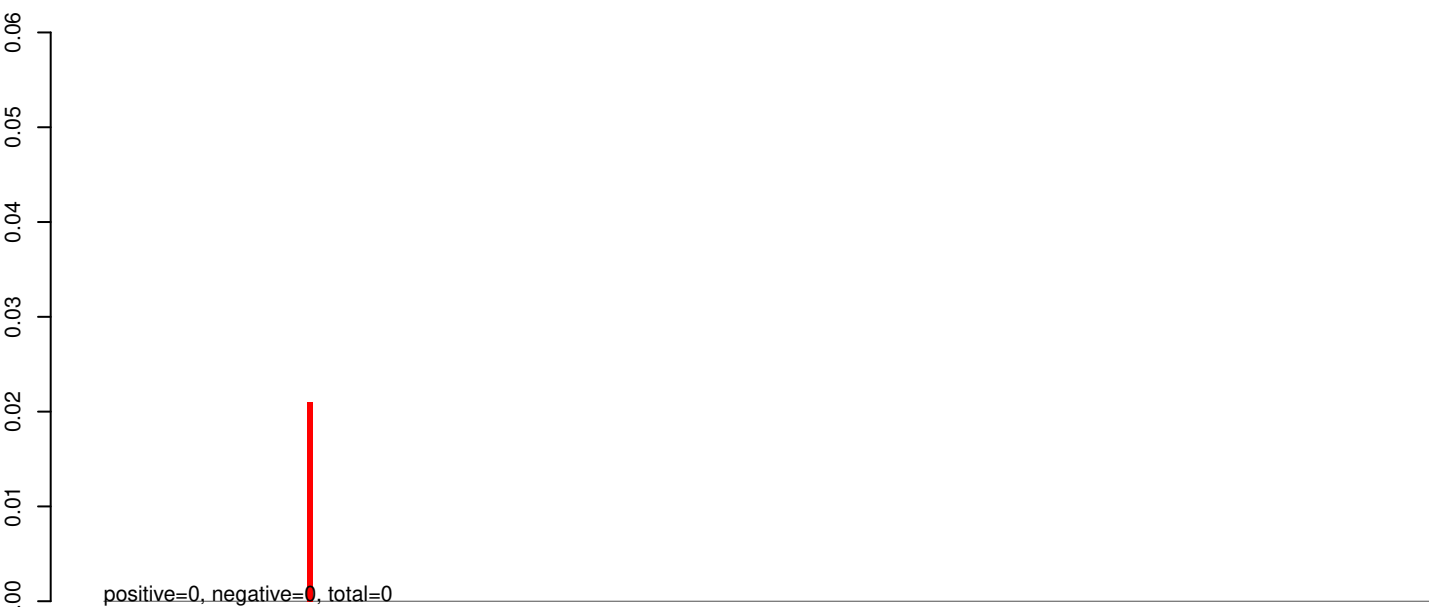
positive=0, negative=0, total=0 window size=25, length=11503, virus@NC\_035132.1\_Culex\_rhabdo-like\_virus\_strain\_mosWSB71420:1-11503



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



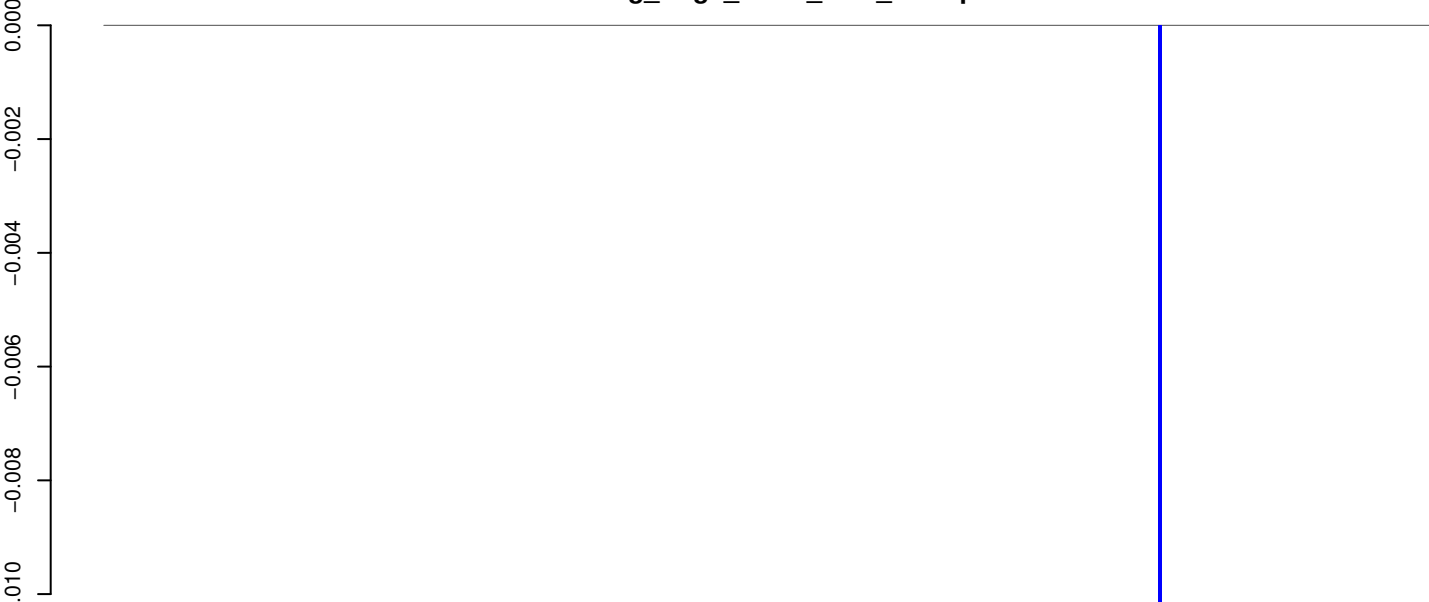
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

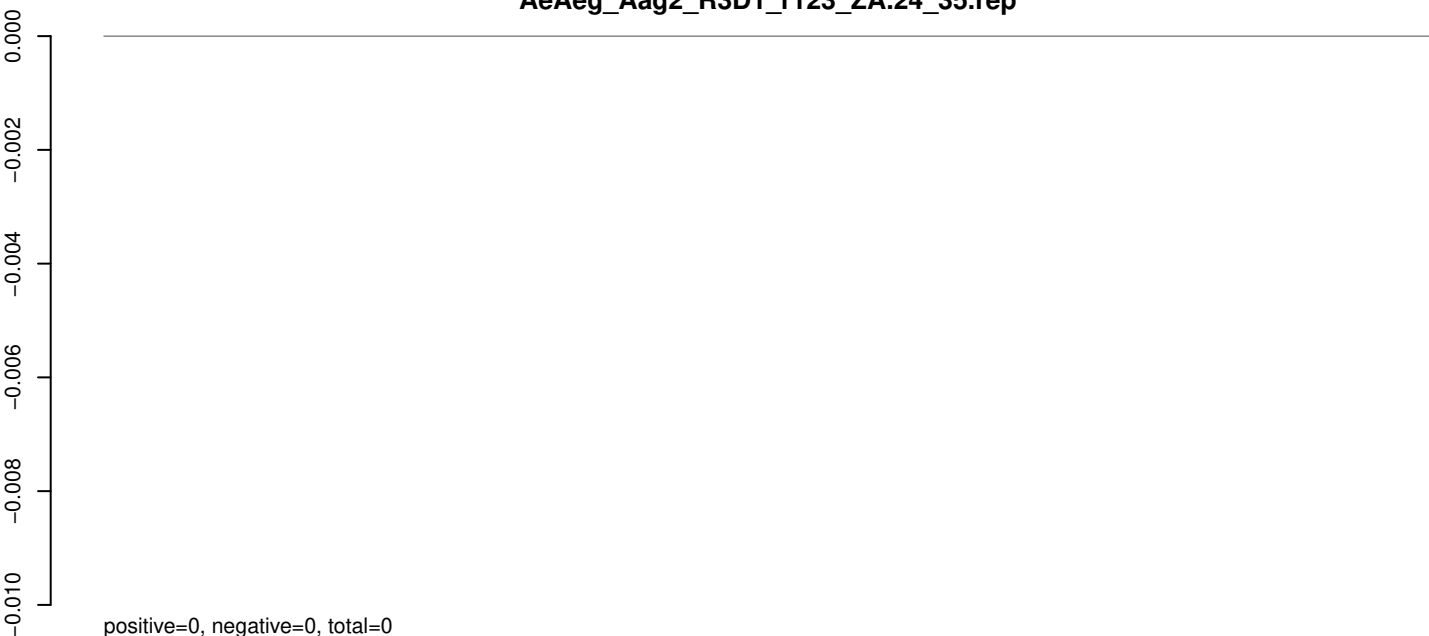


**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



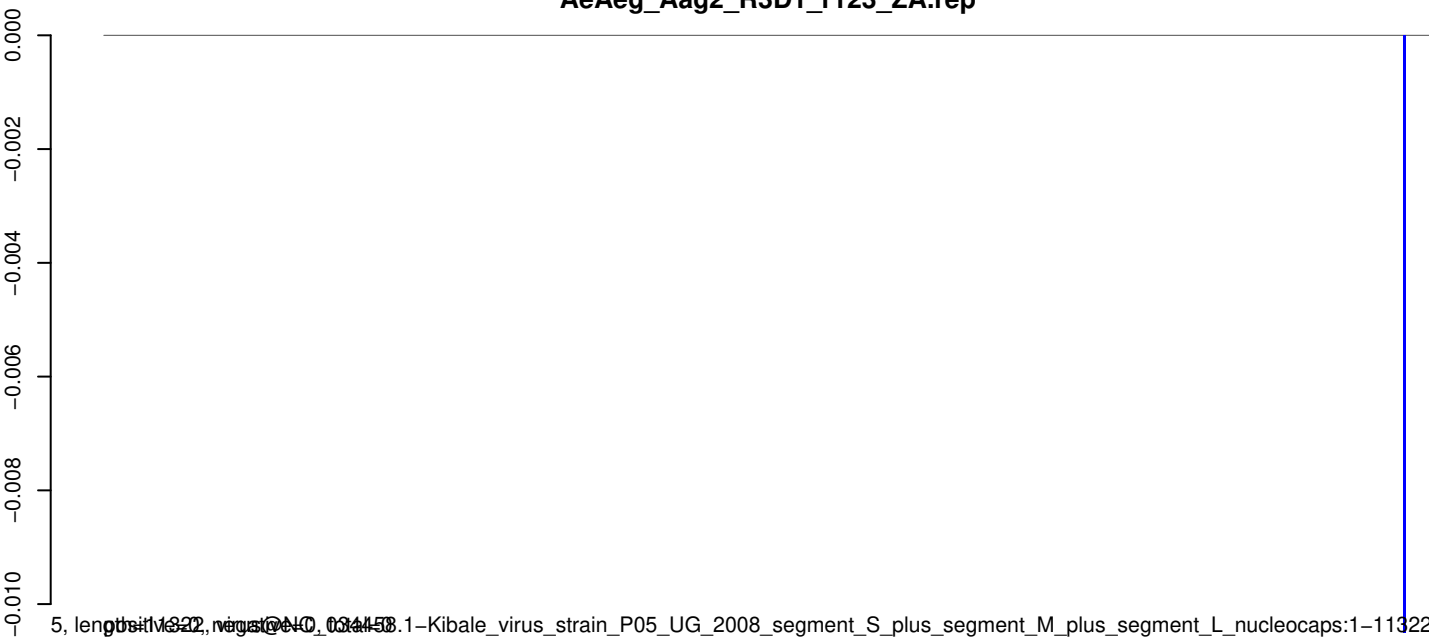
positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

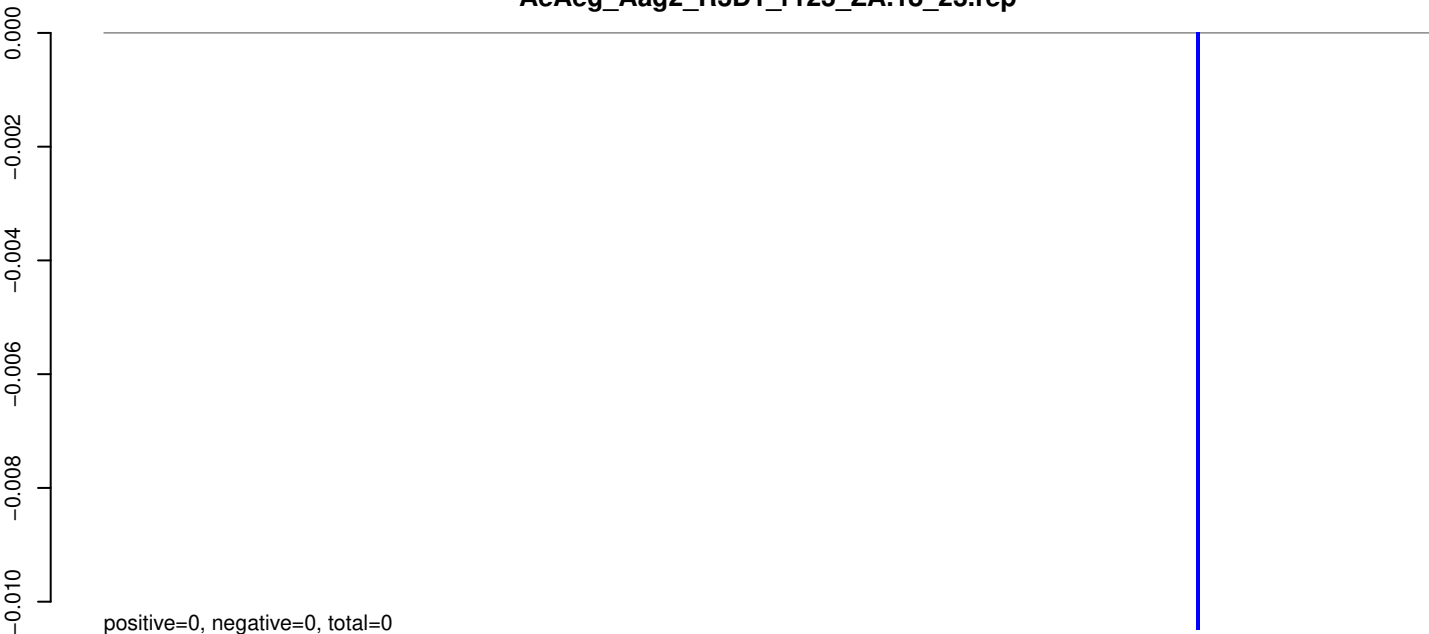
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



5, length=11322, negative=0, total=0 1-Kibale\_virus\_strain\_P05\_UG\_2008\_segment\_S\_plus\_segment\_M\_plus\_segment\_L\_nucleocaps:1-11322

0 2000 4000 6000 8000 10000

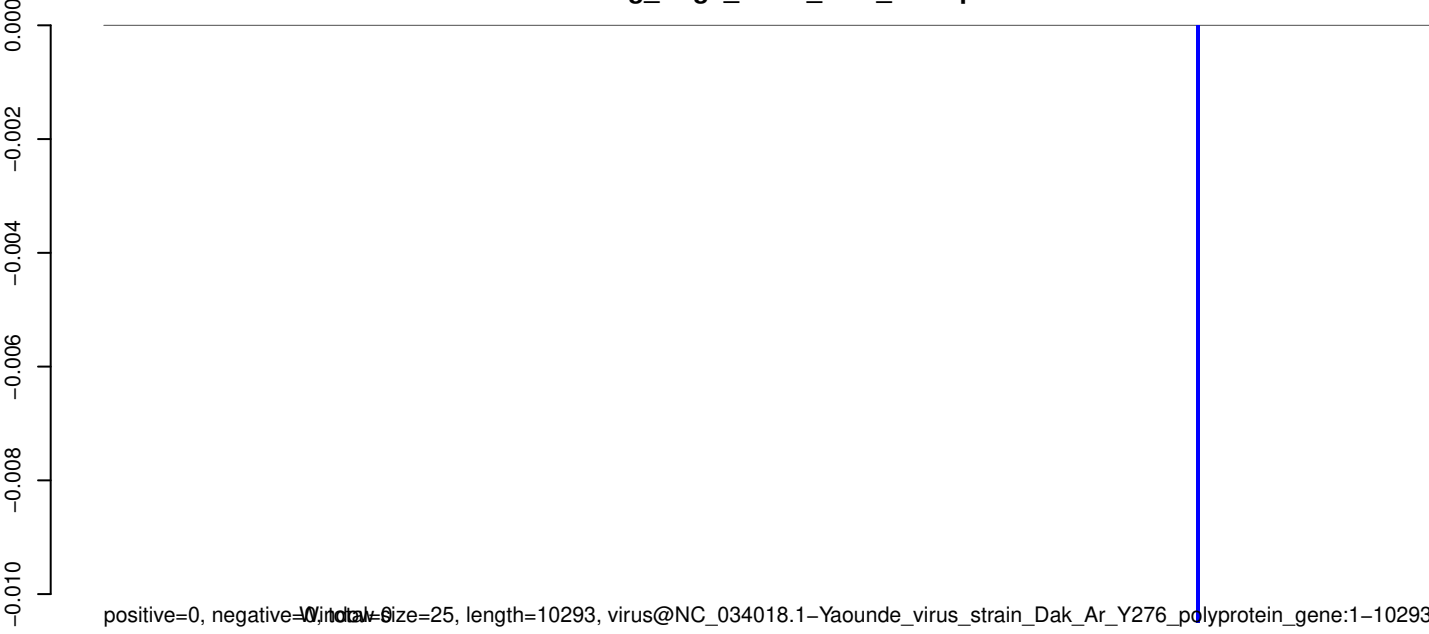
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

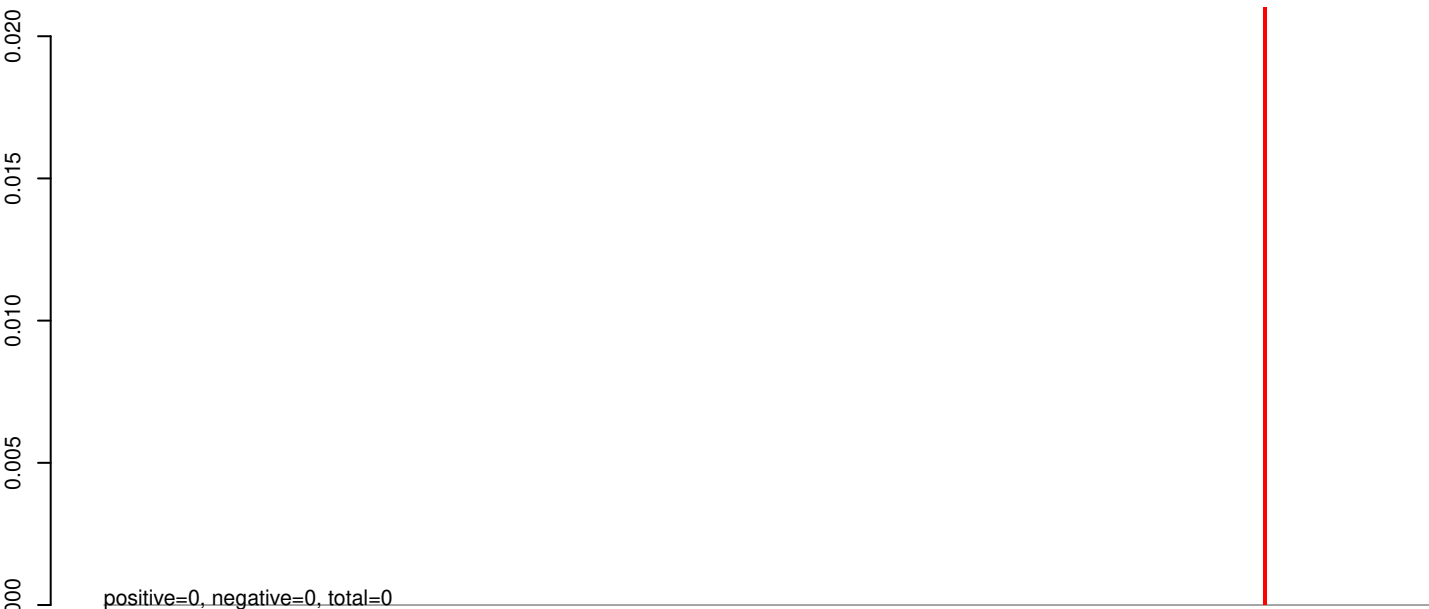


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**





**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

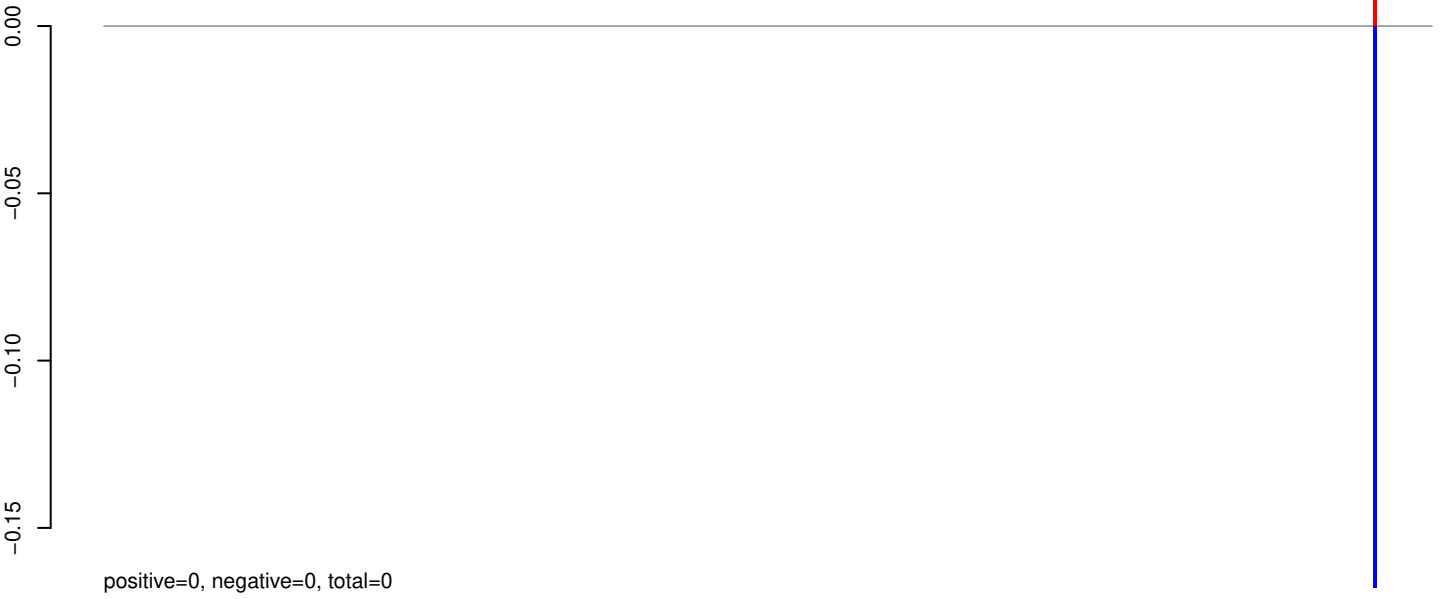


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

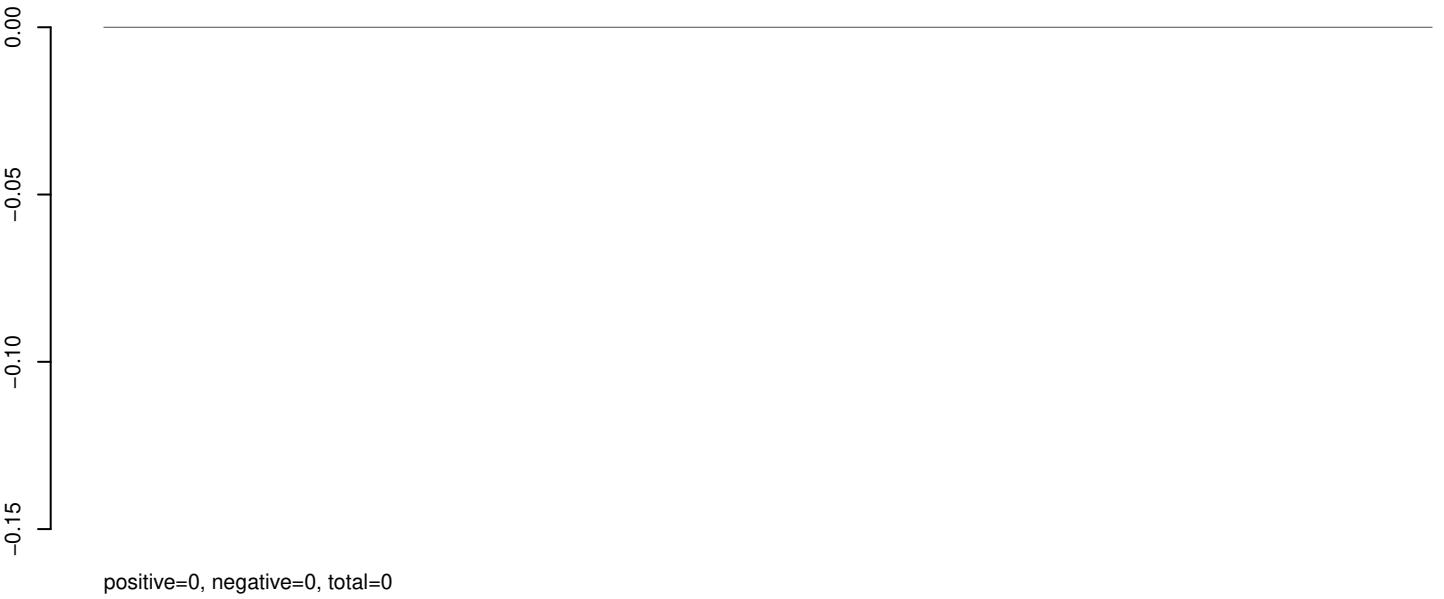


0 2000 4000 6000 8000 10000

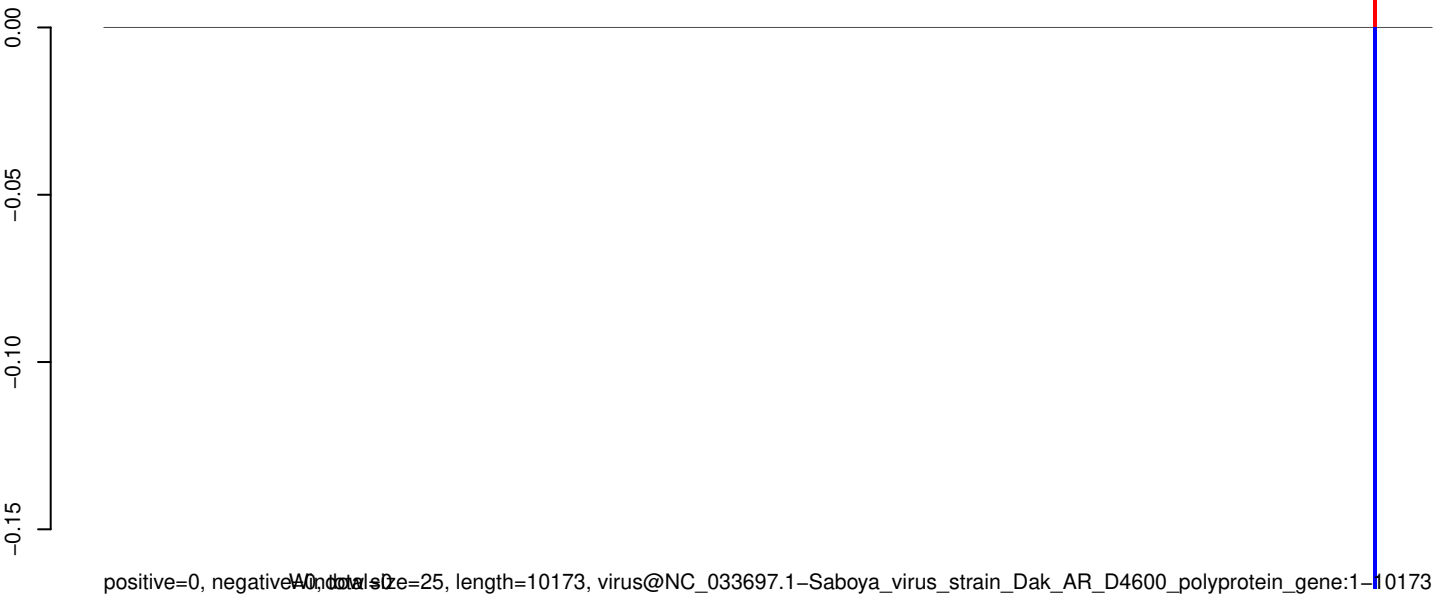
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

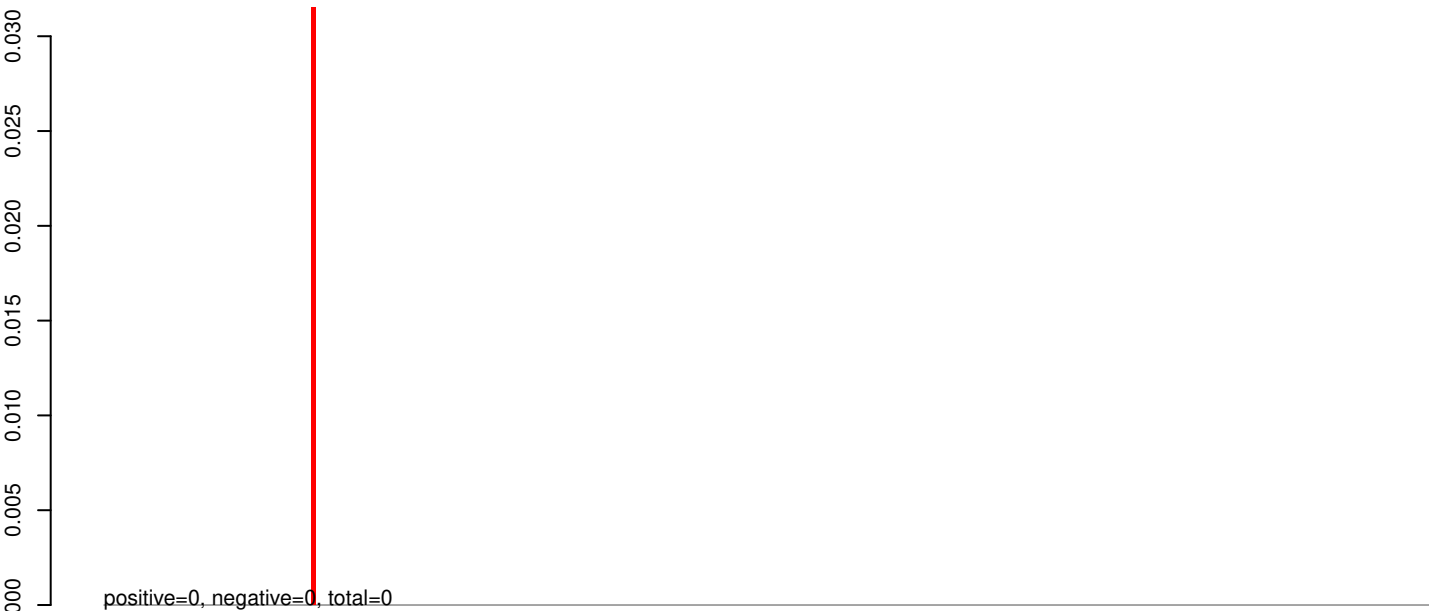


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

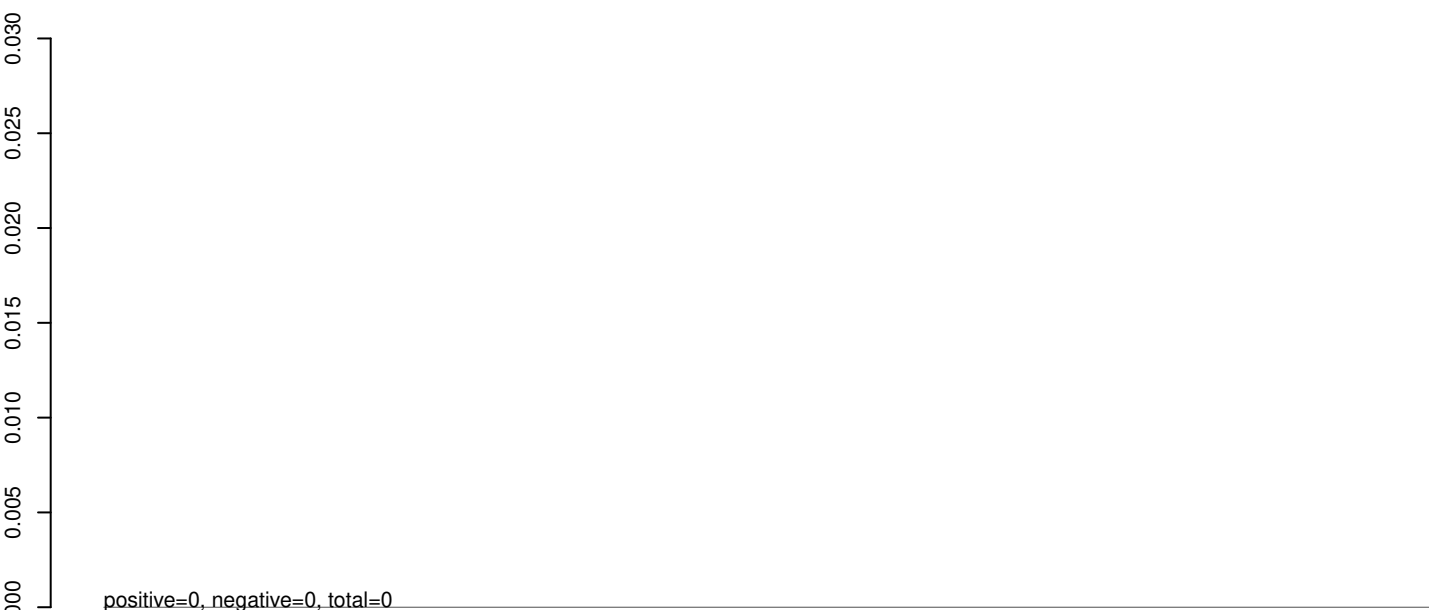


0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



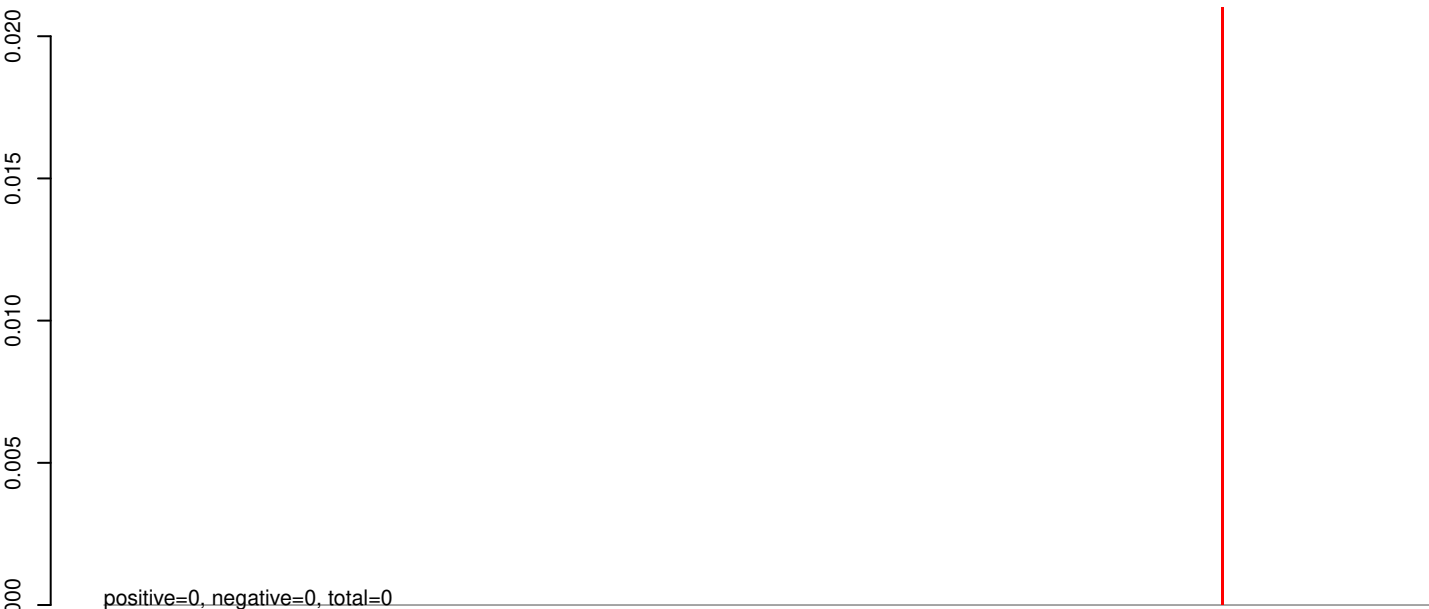
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



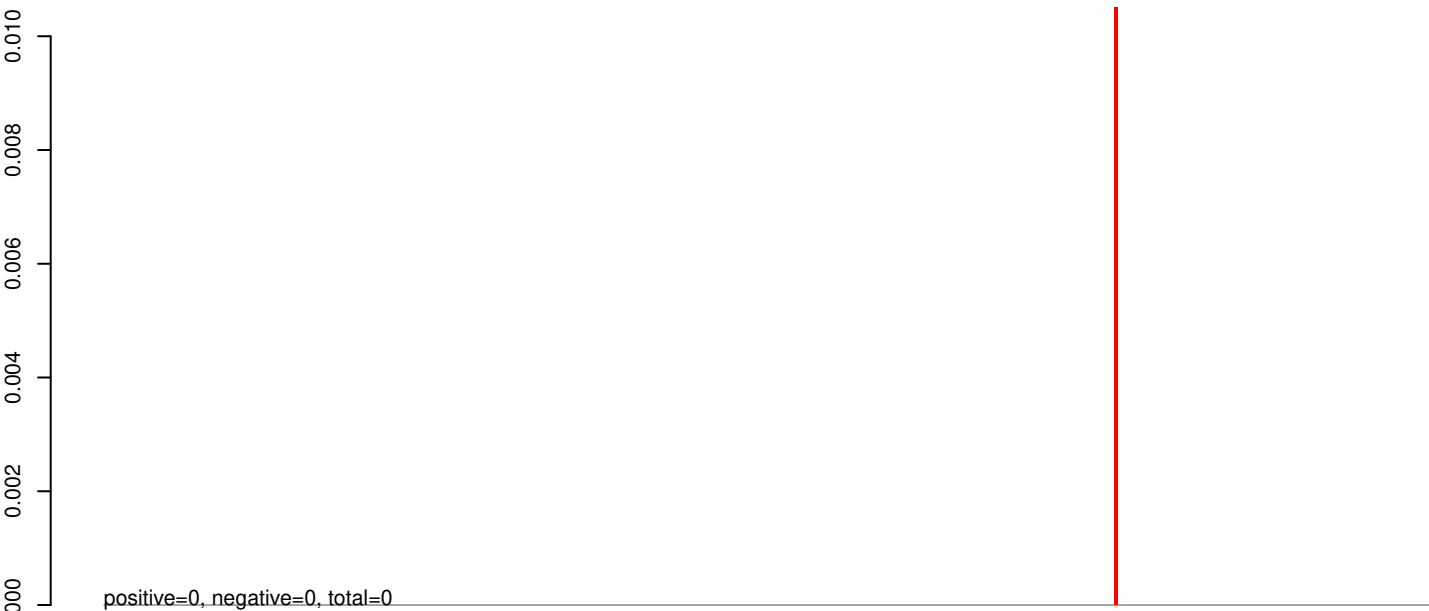
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



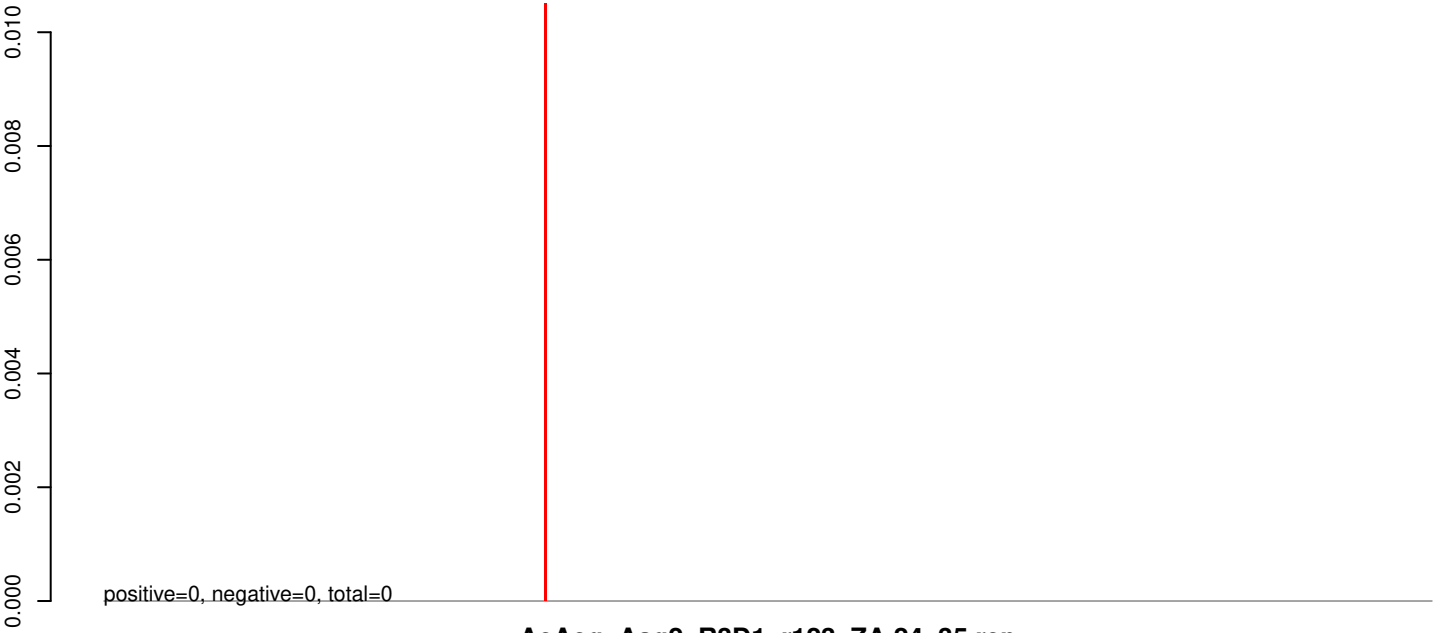
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



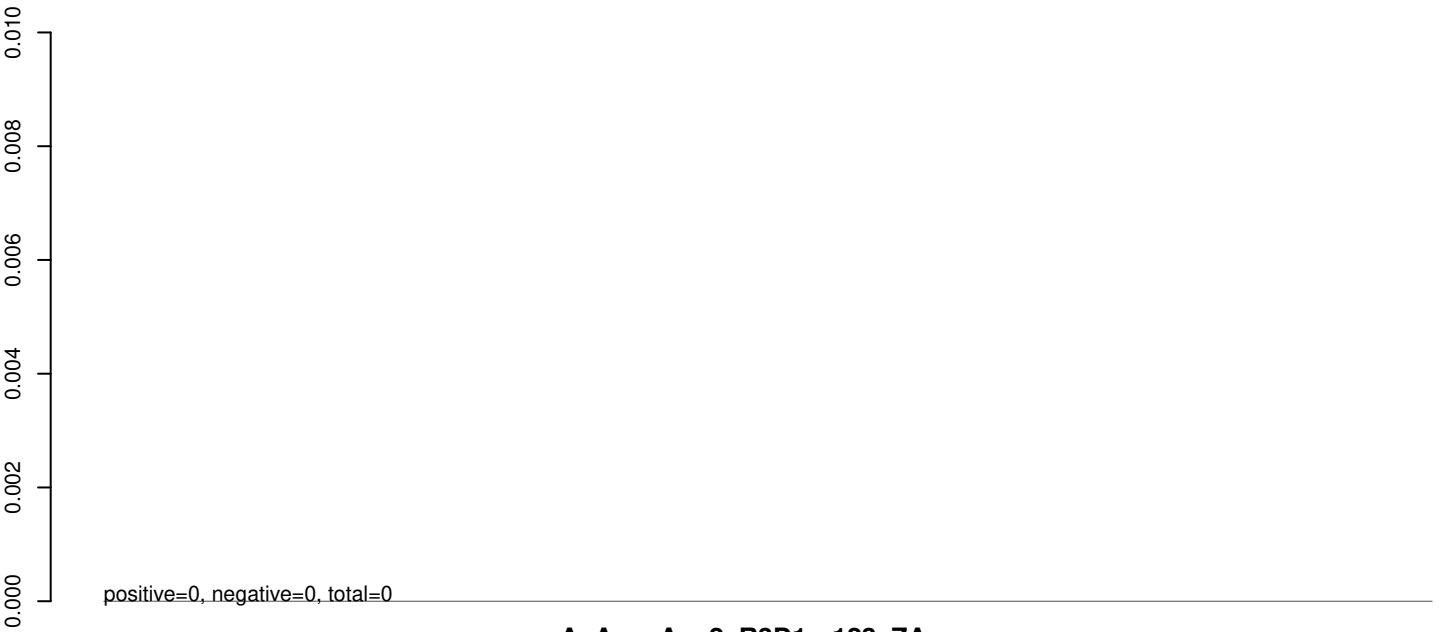
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



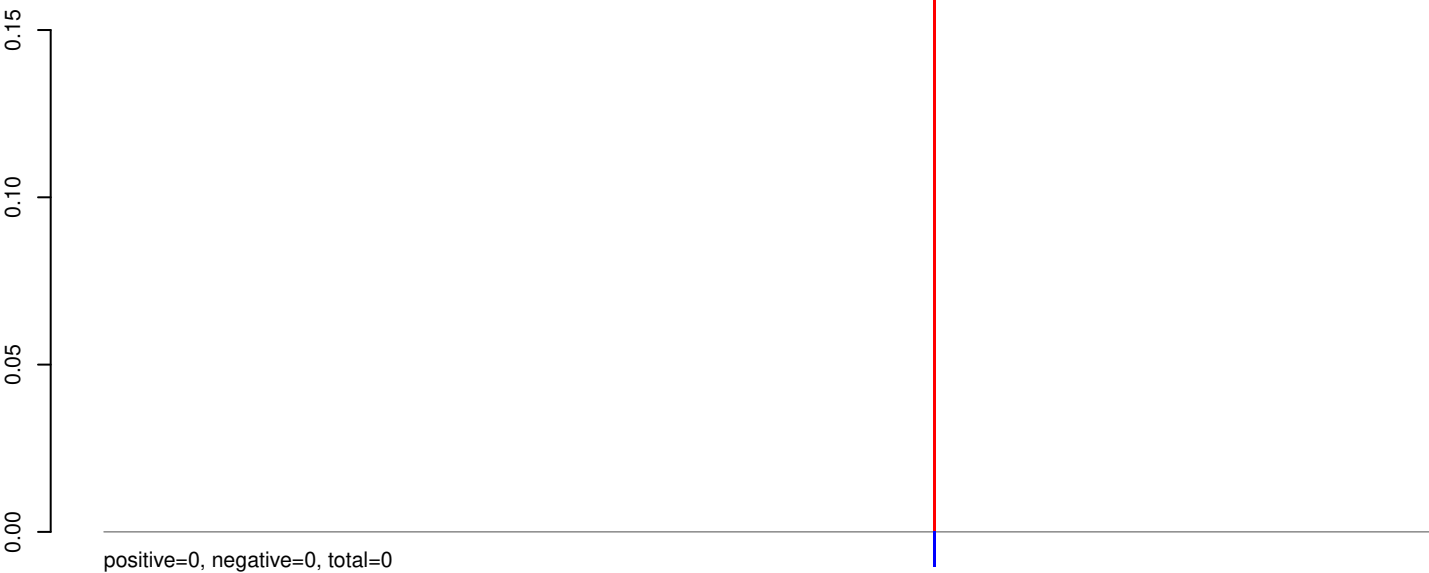
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**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



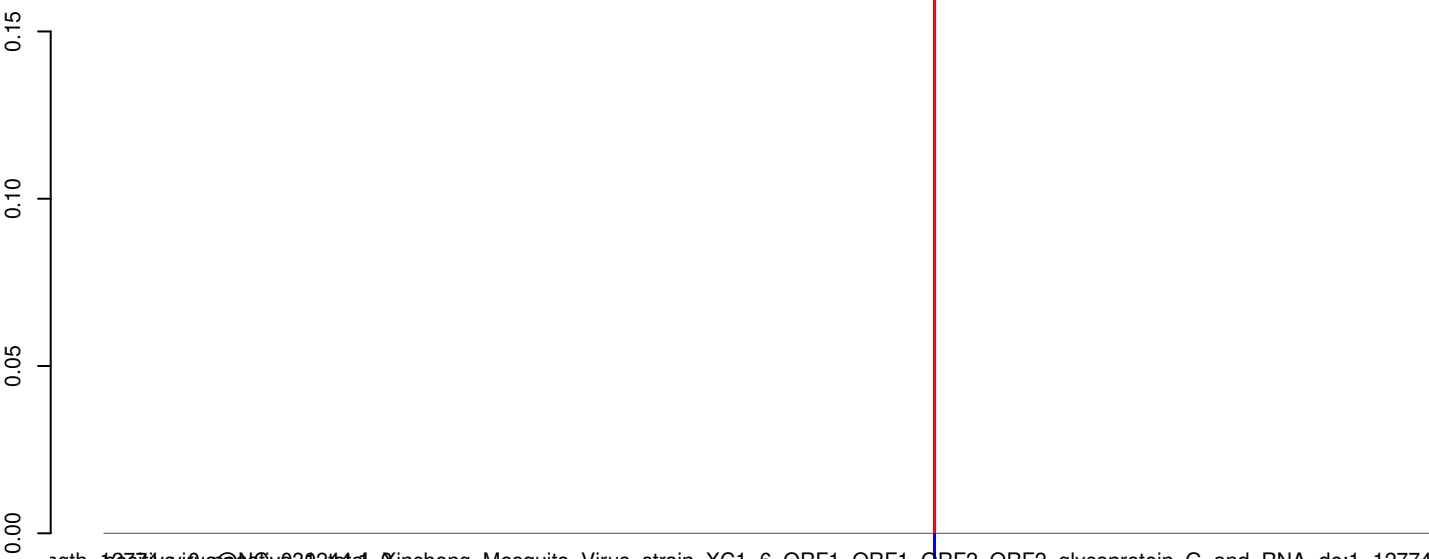
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

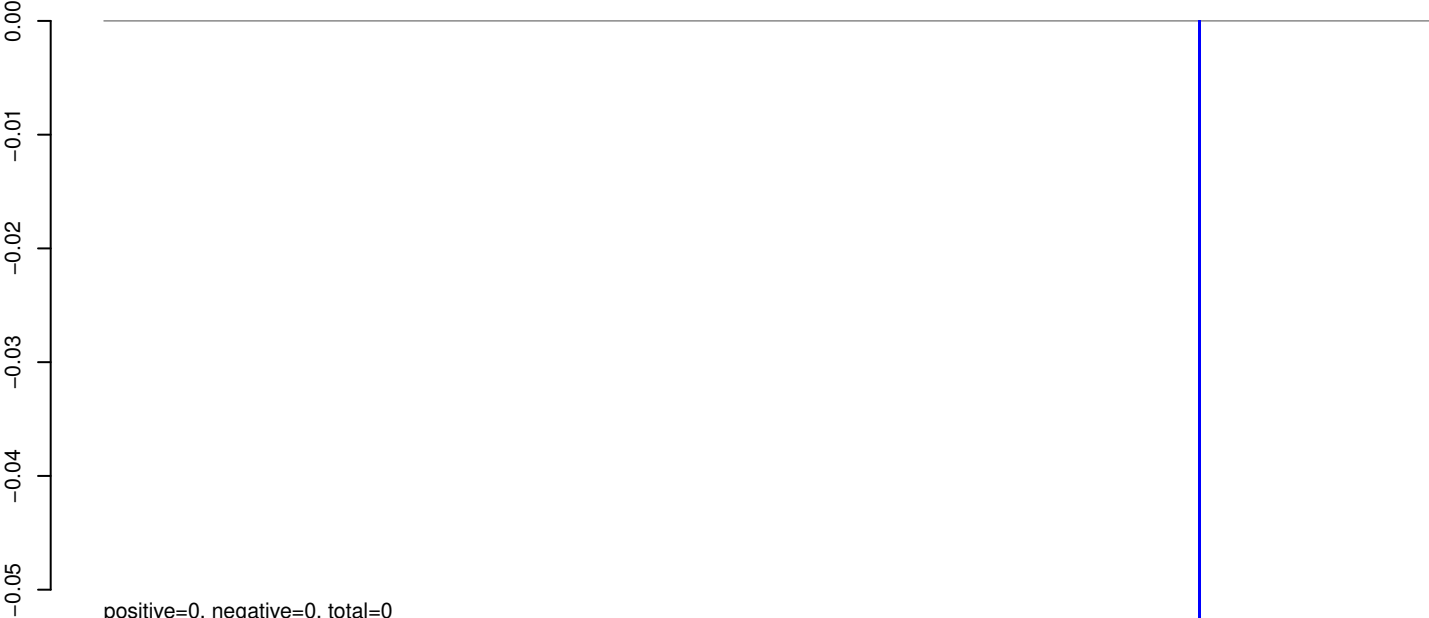


Xincheng\_Mosquito\_Virus\_strain\_XC1-6\_ORF1\_ORF1\_ORF2\_ORF2\_glycoprotein\_G\_and\_RNA-de:1-12774



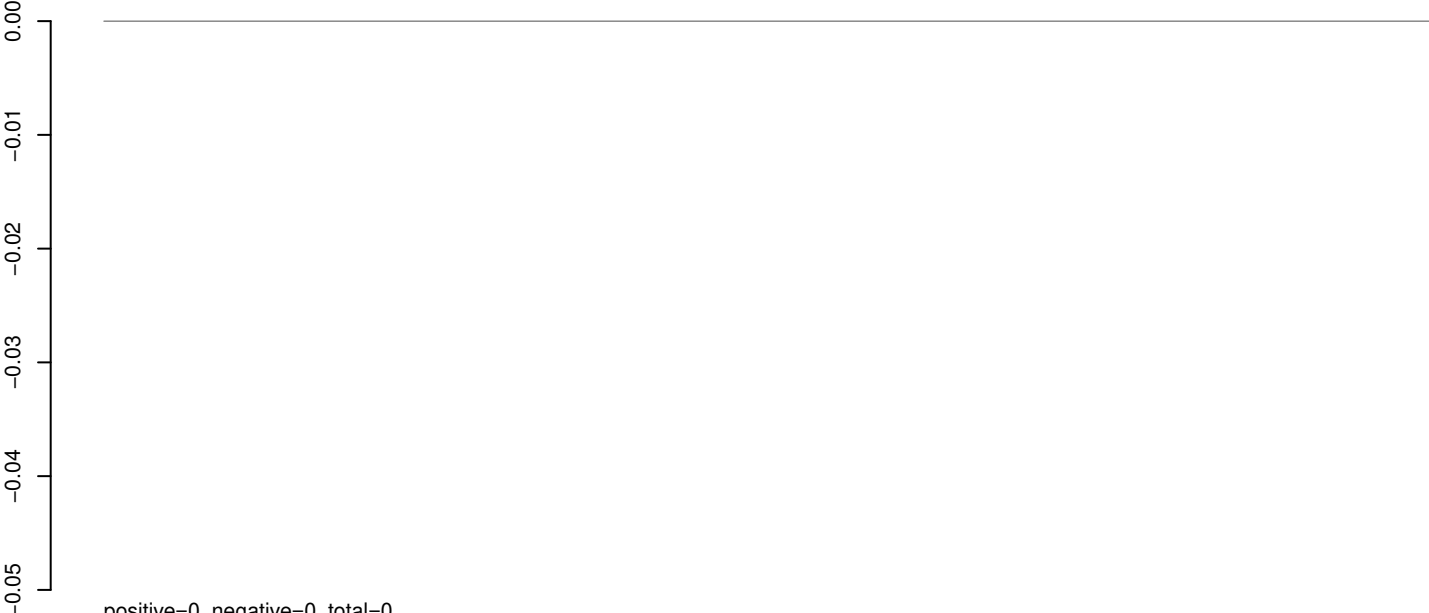


**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



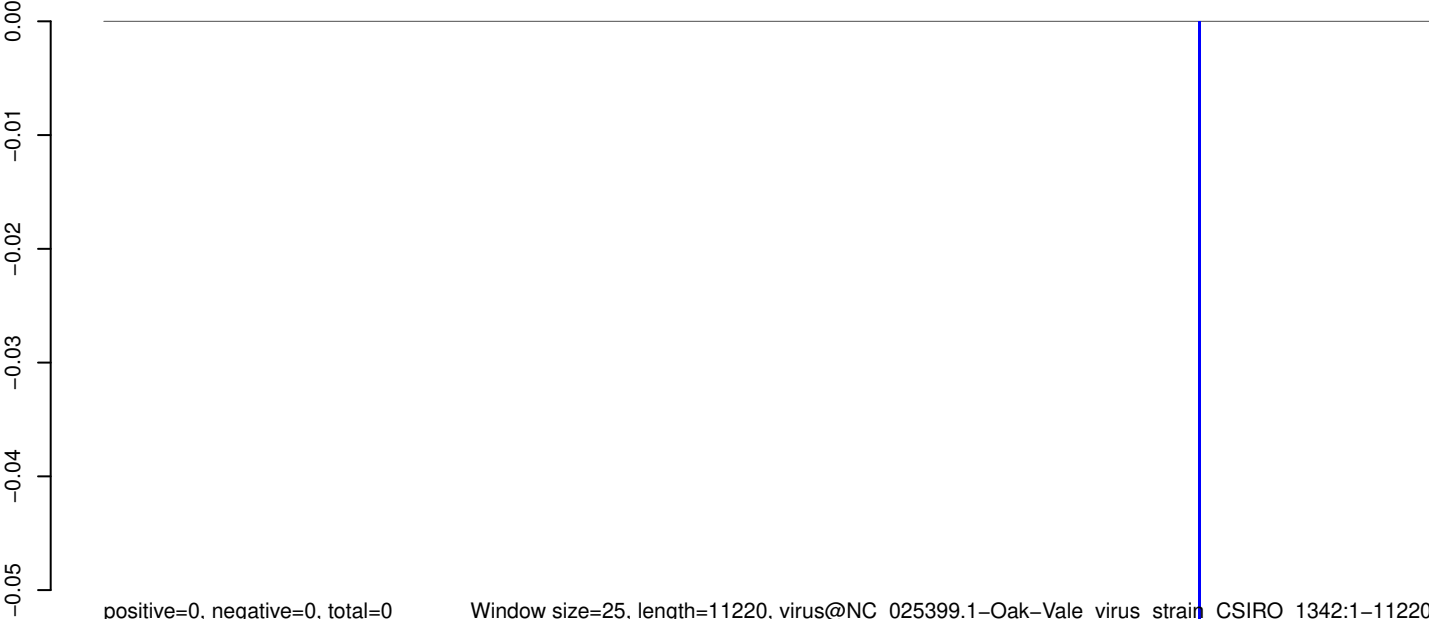
positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



positive=0, negative=0, total=0

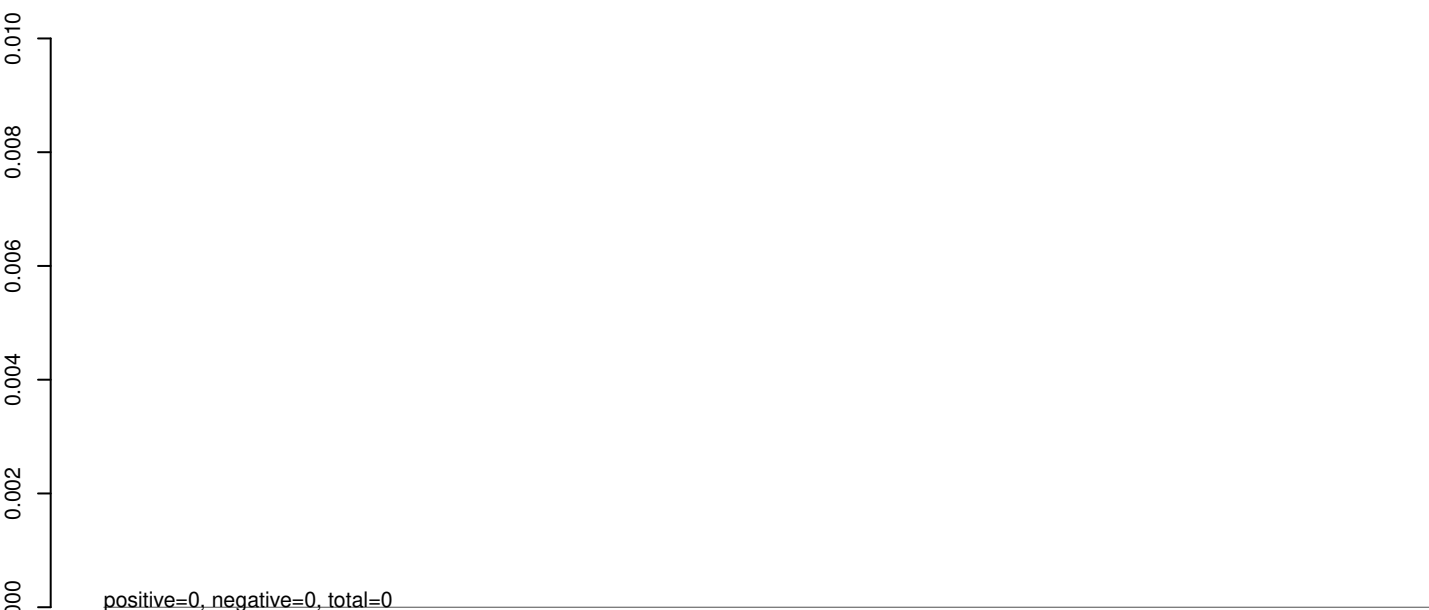
Window size=25, length=11220, virus@NC\_025399.1-Oak-Vale\_virus\_strain\_CSIRO\_1342:1-11220

0 2000 4000 6000 8000 10000

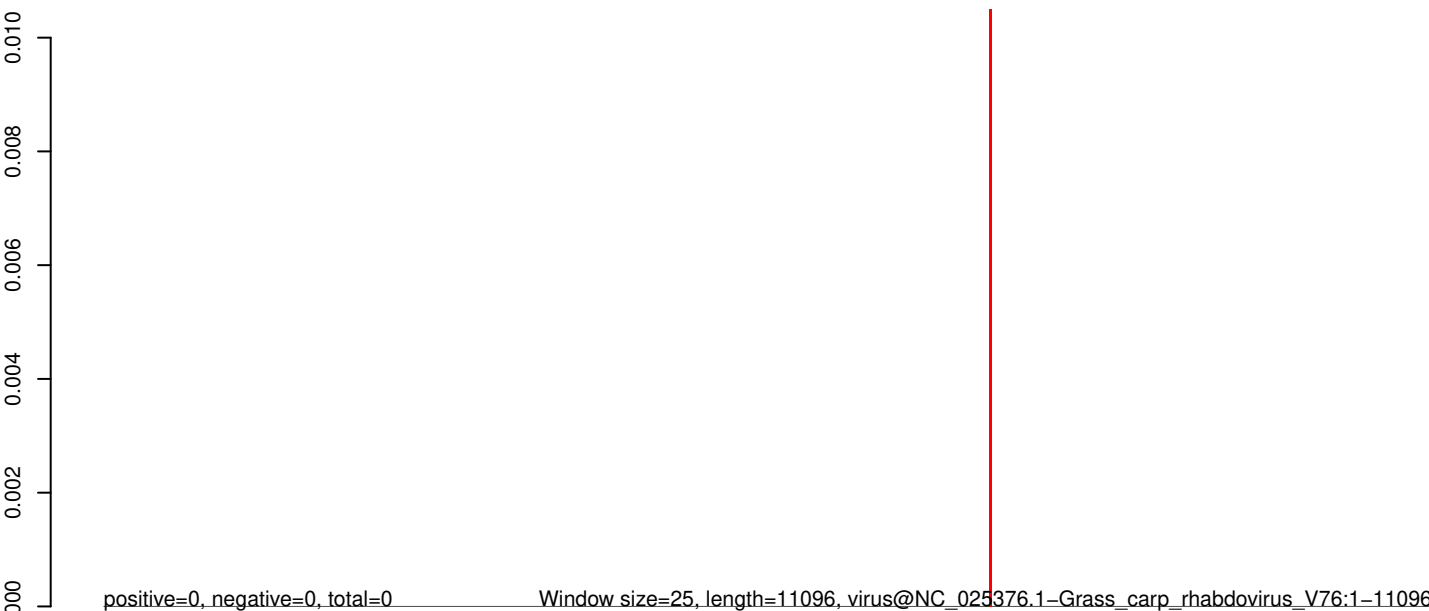
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

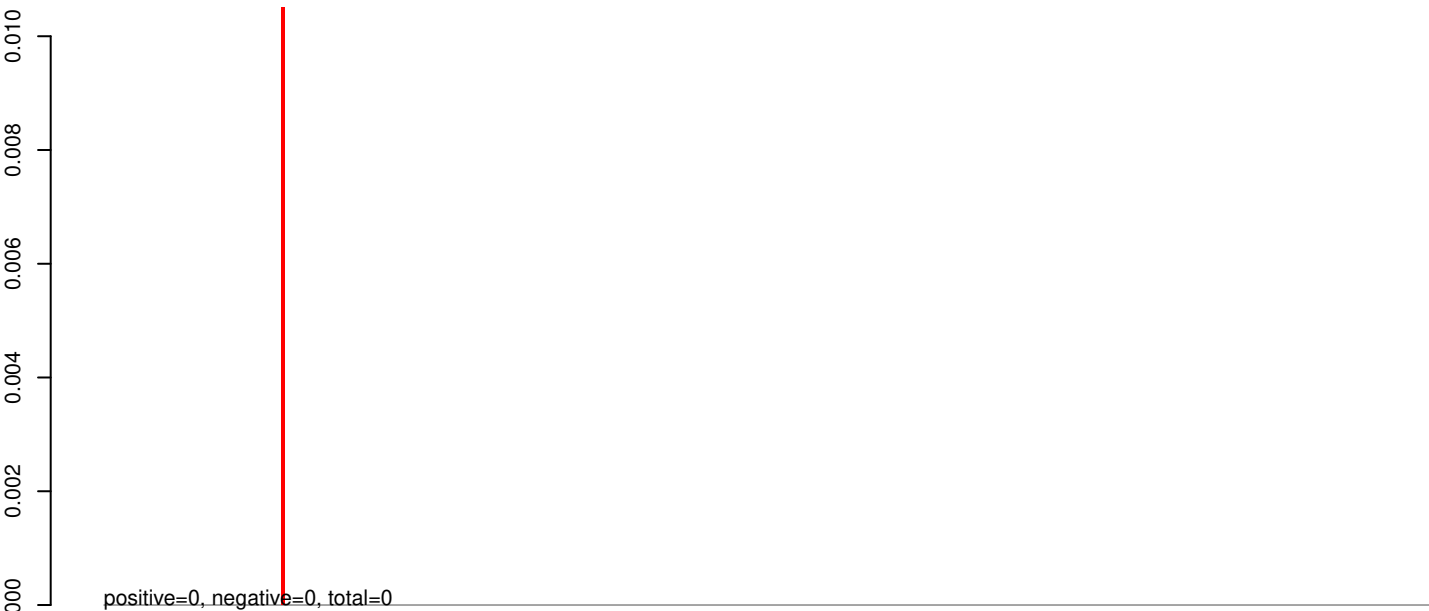


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

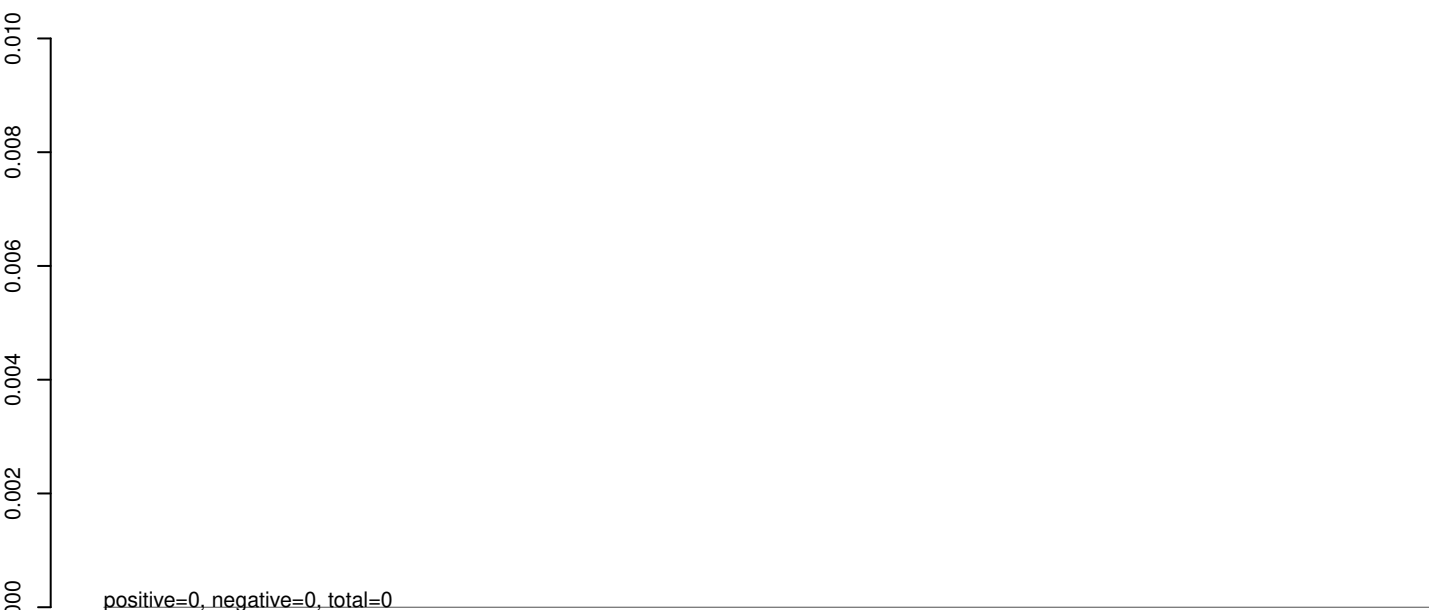


0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

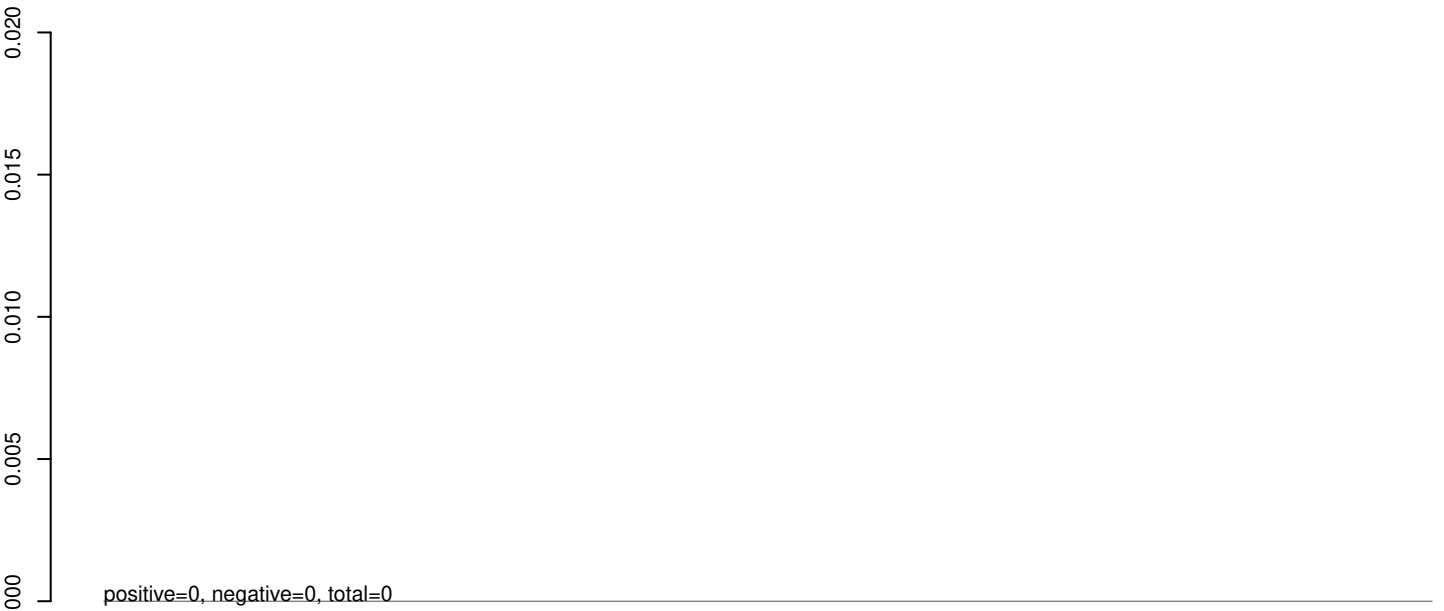


0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

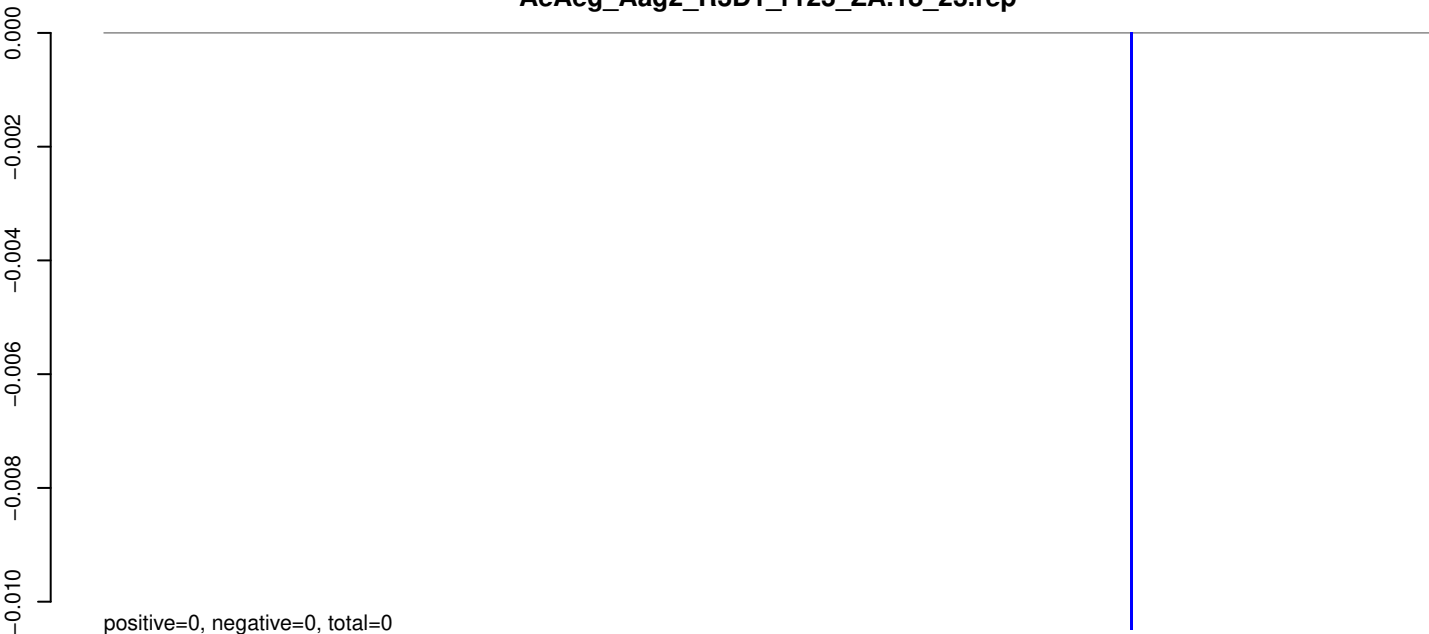


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



0 2000 4000 6000 8000 10000 12000

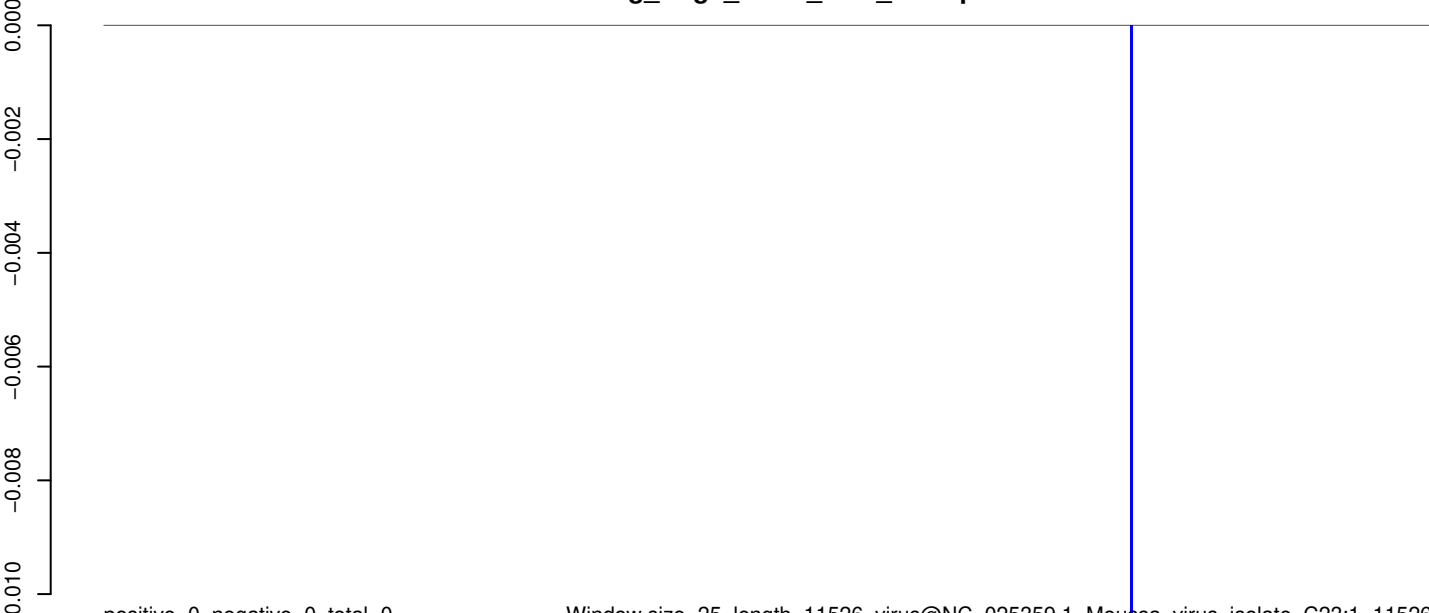
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



Window size=25, length=11526, virus@NC\_025359.1-Moussa\_virus\_isolate\_C23:1-11526

0 2000 4000 6000 8000 10000 12000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**

0.000  
-0.002  
-0.004  
-0.006  
-0.008  
-0.010

positive=0, negative=0, total=0



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

0.000  
-0.002  
-0.004  
-0.006  
-0.008  
-0.010

positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

0.000  
-0.002  
-0.004  
-0.006  
-0.008  
-0.010

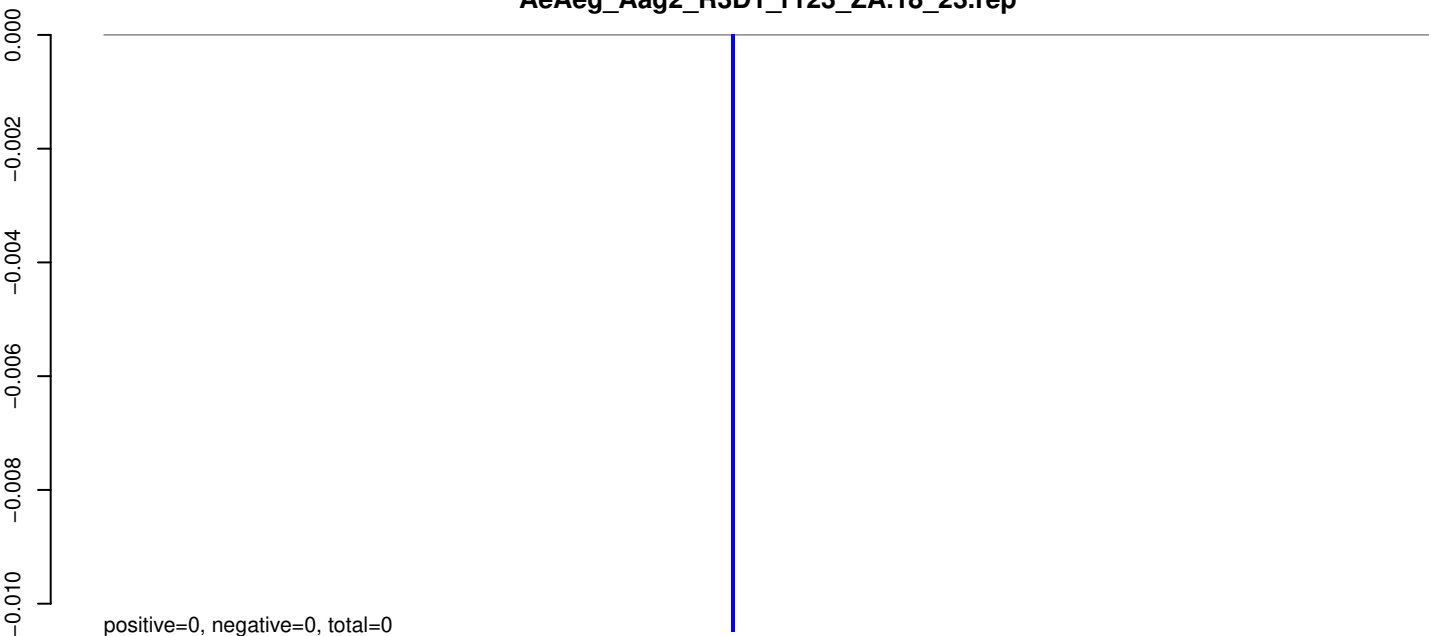
positive=0, negative=0, total=0

Window size=25, length=11097, virus@NC\_025356.1-Pike\_fry\_rhabdovirus\_isolate\_F4:1-11097



0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



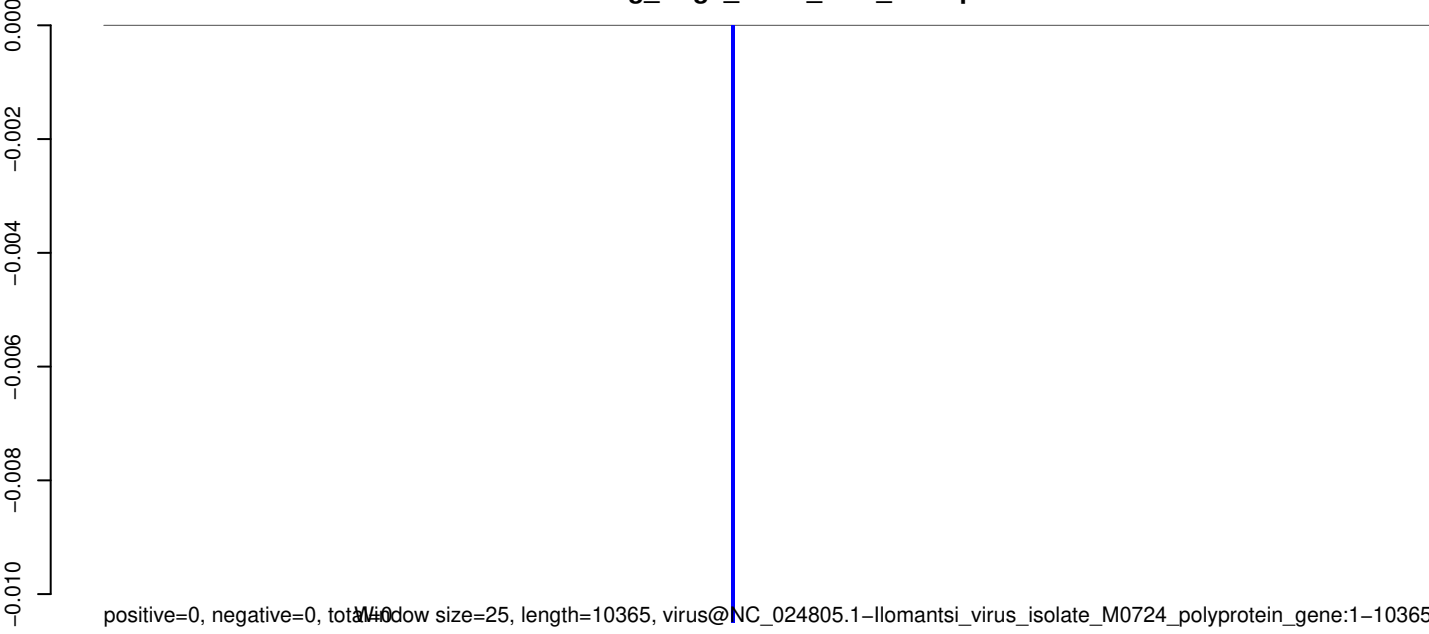
positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

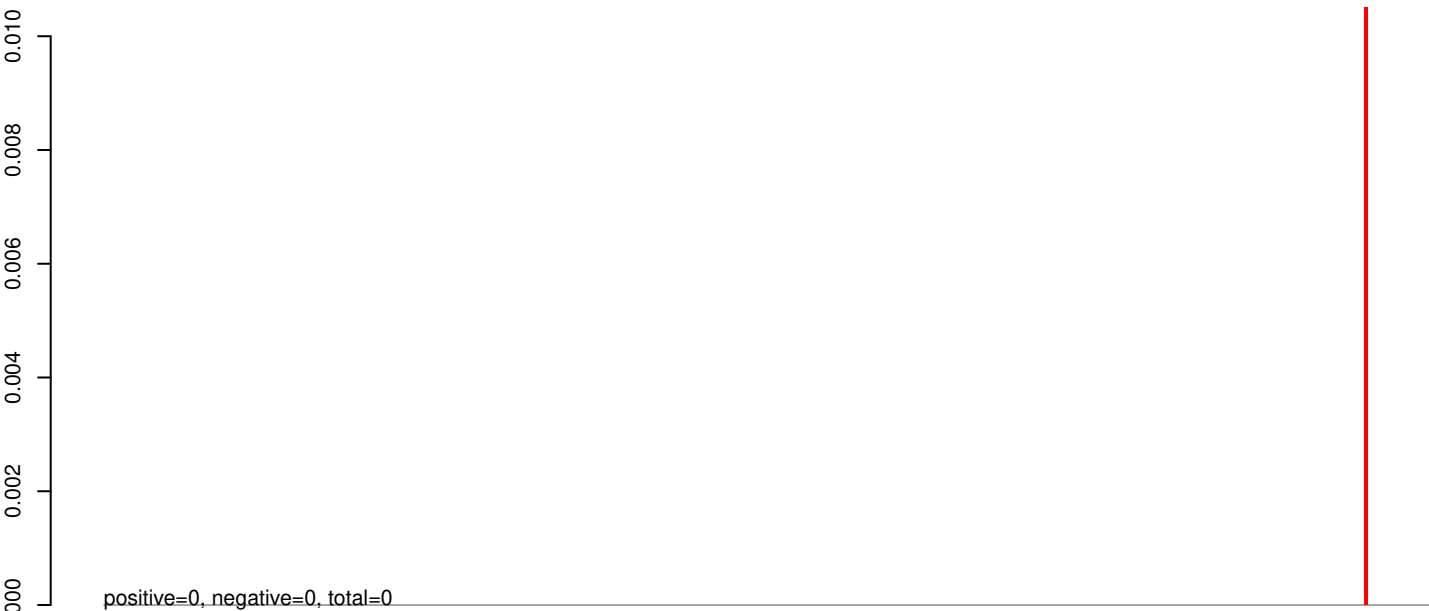
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



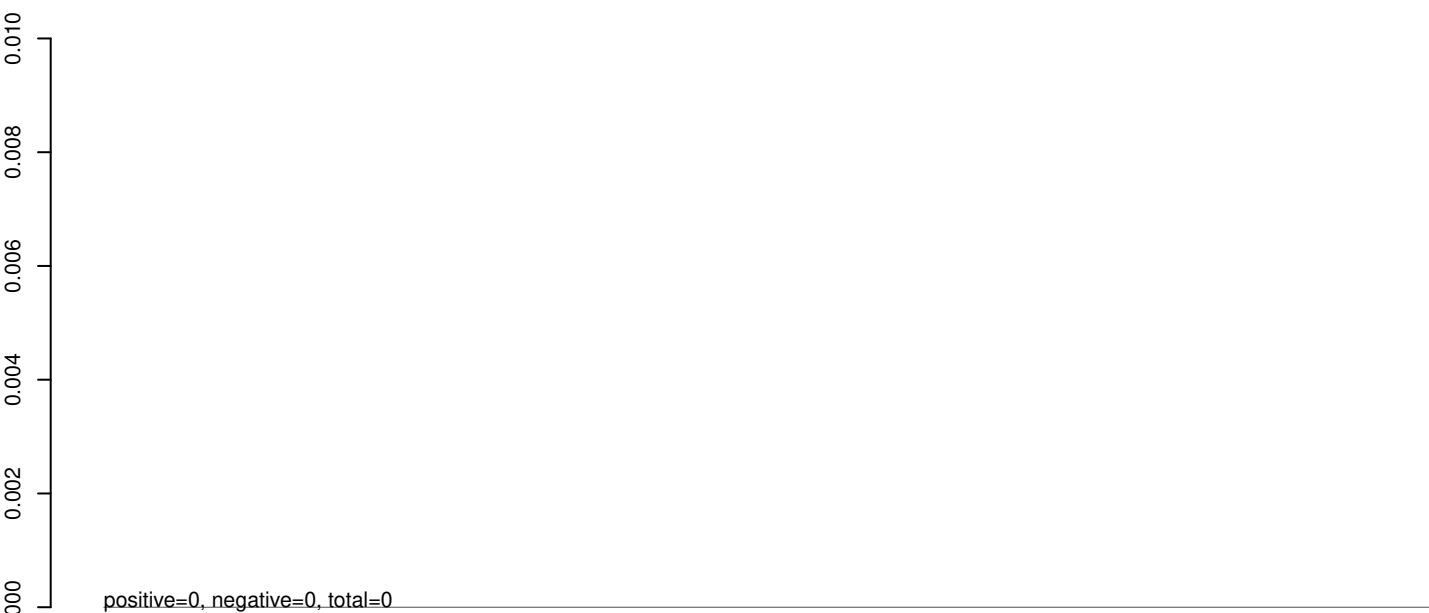
positive=0, negative=0, total=0 window size=25, length=10365, virus@NC\_024805.1-Ilomantsi\_virus\_isolate\_M0724\_polyprotein\_gene:1-10365

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



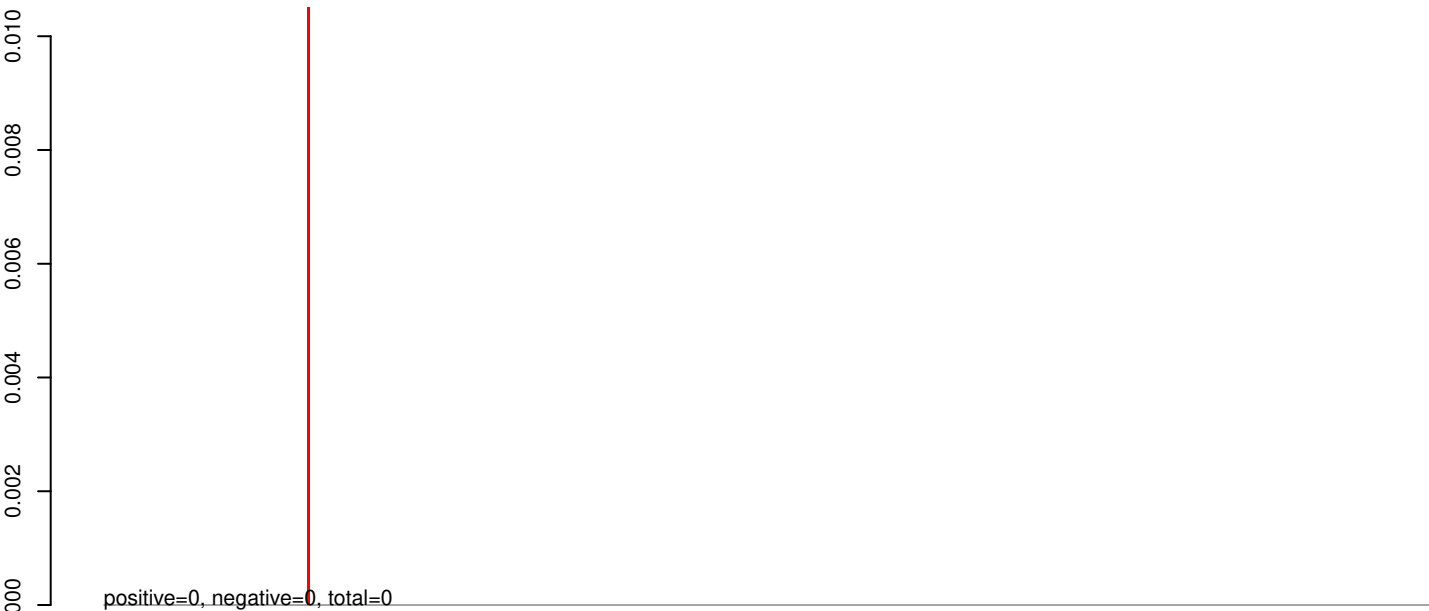
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



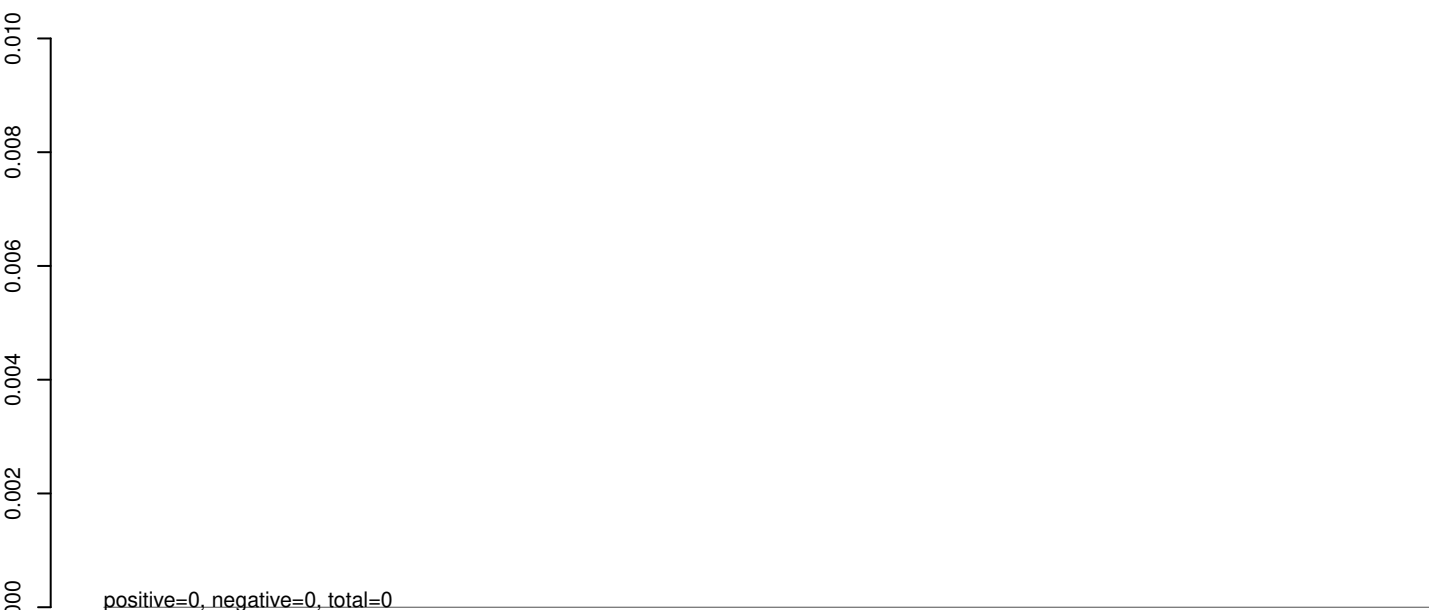
0 2000 4000 6000 8000 10000



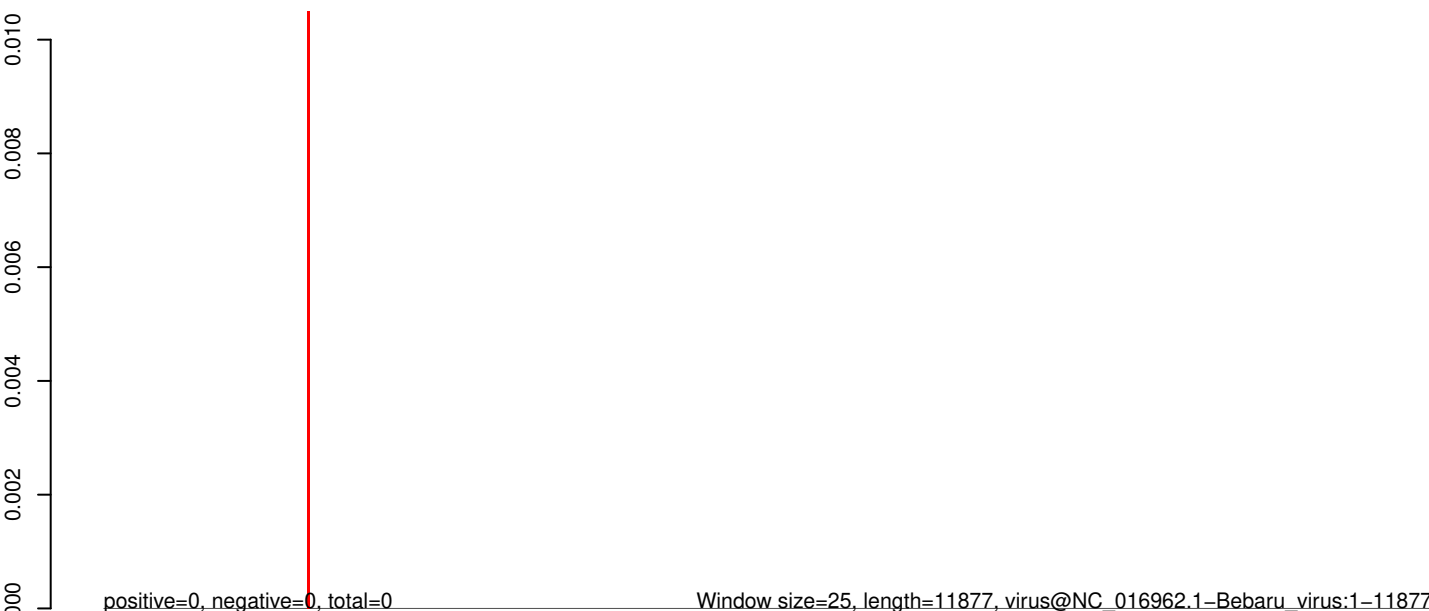
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

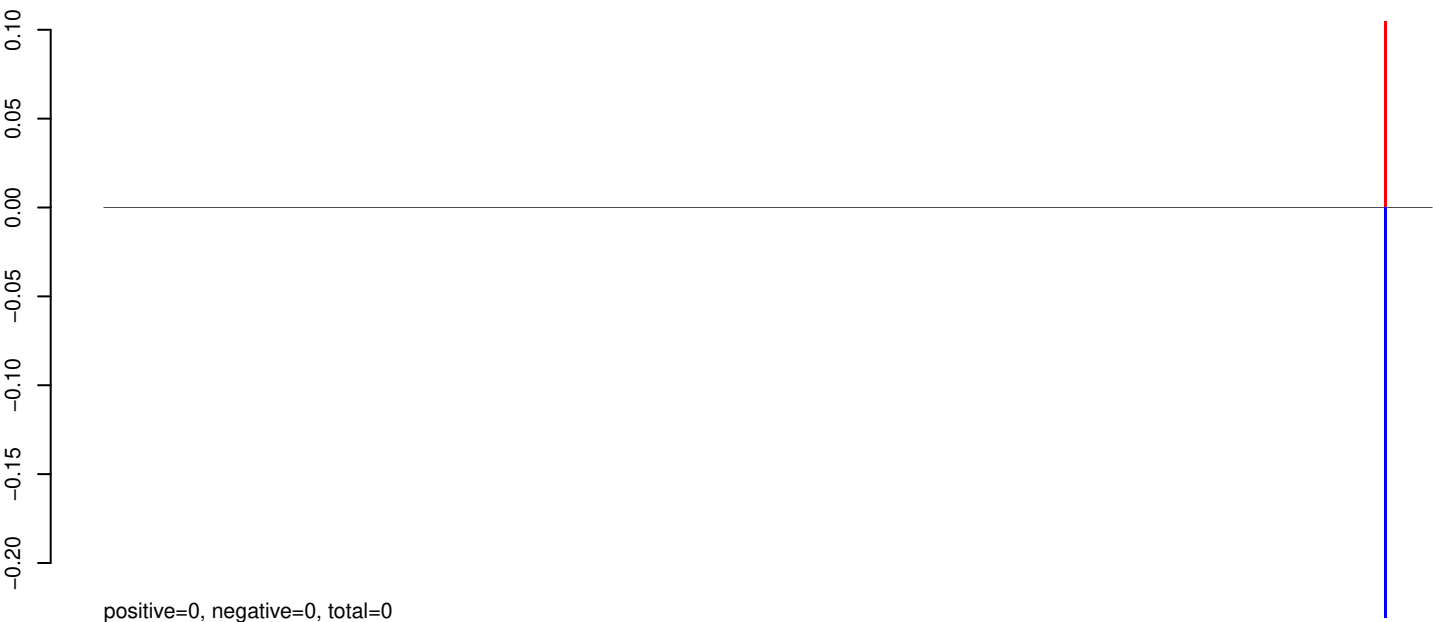


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



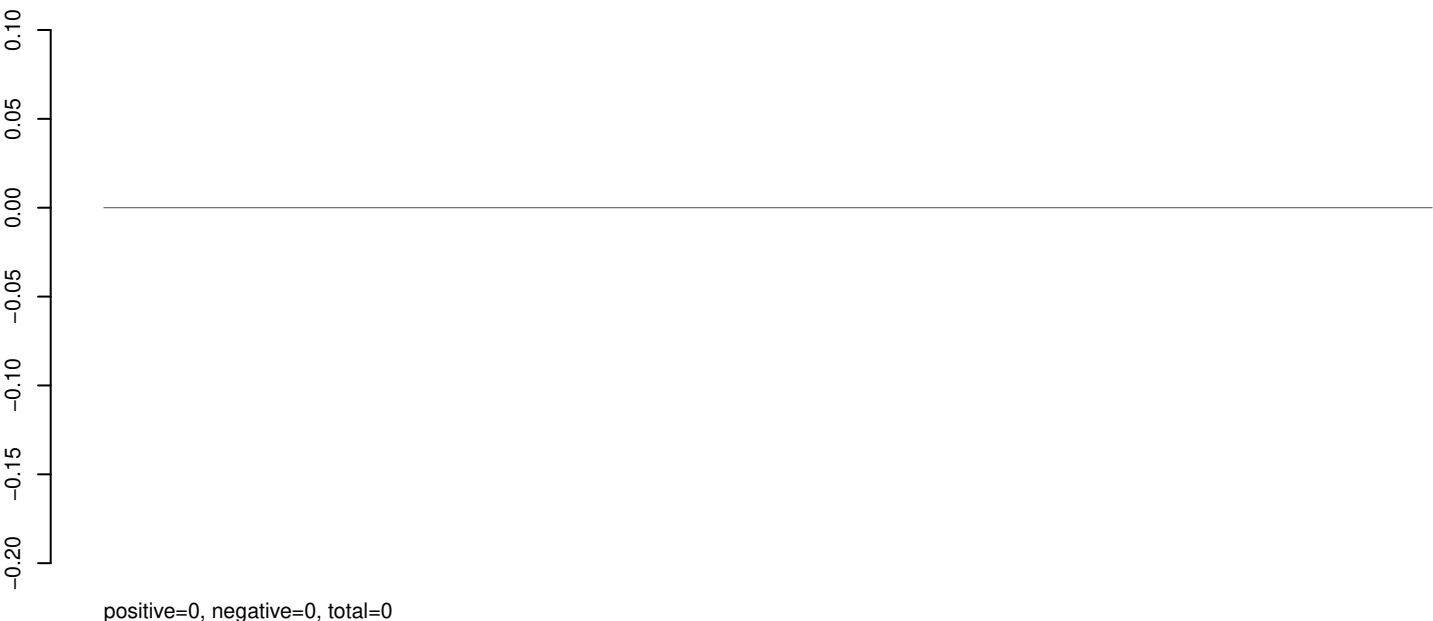
0 2000 4000 6000 8000 10000 12000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



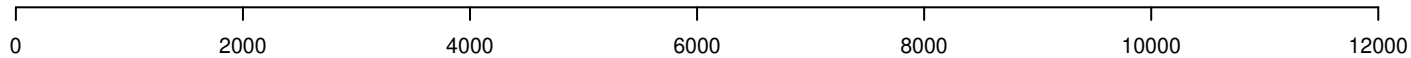
positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

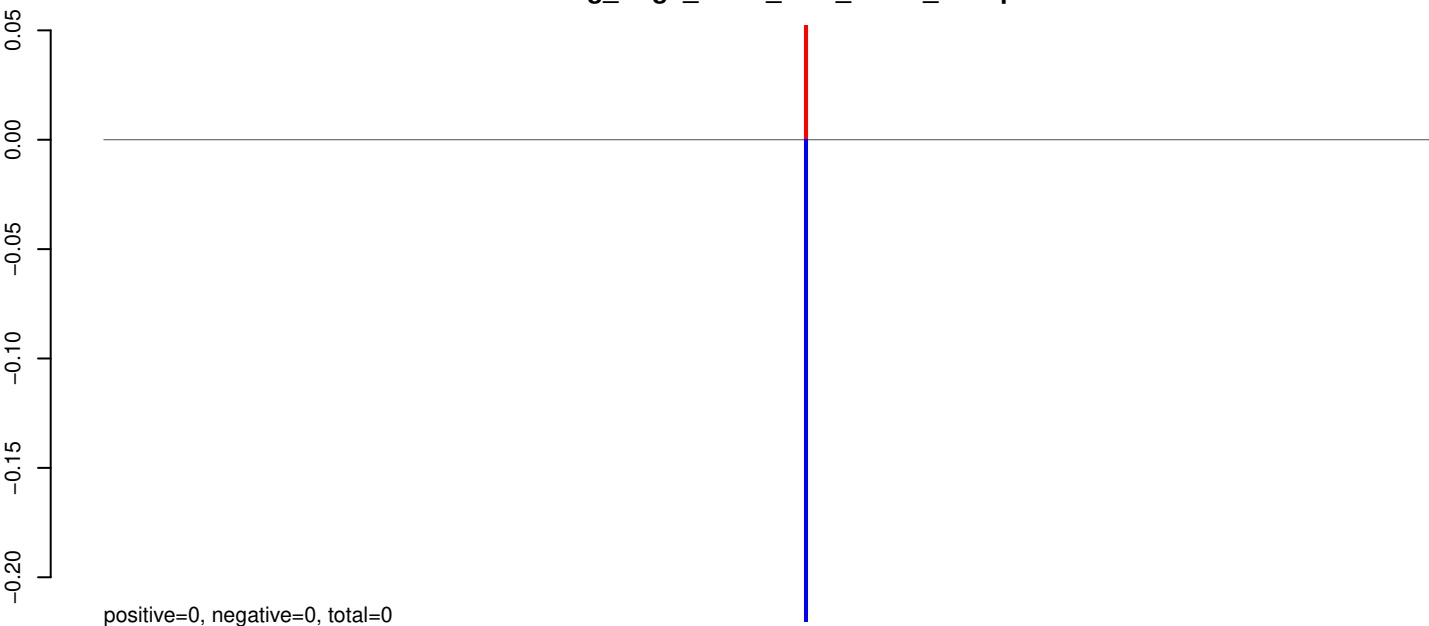


positive=0, negative=0, total=0

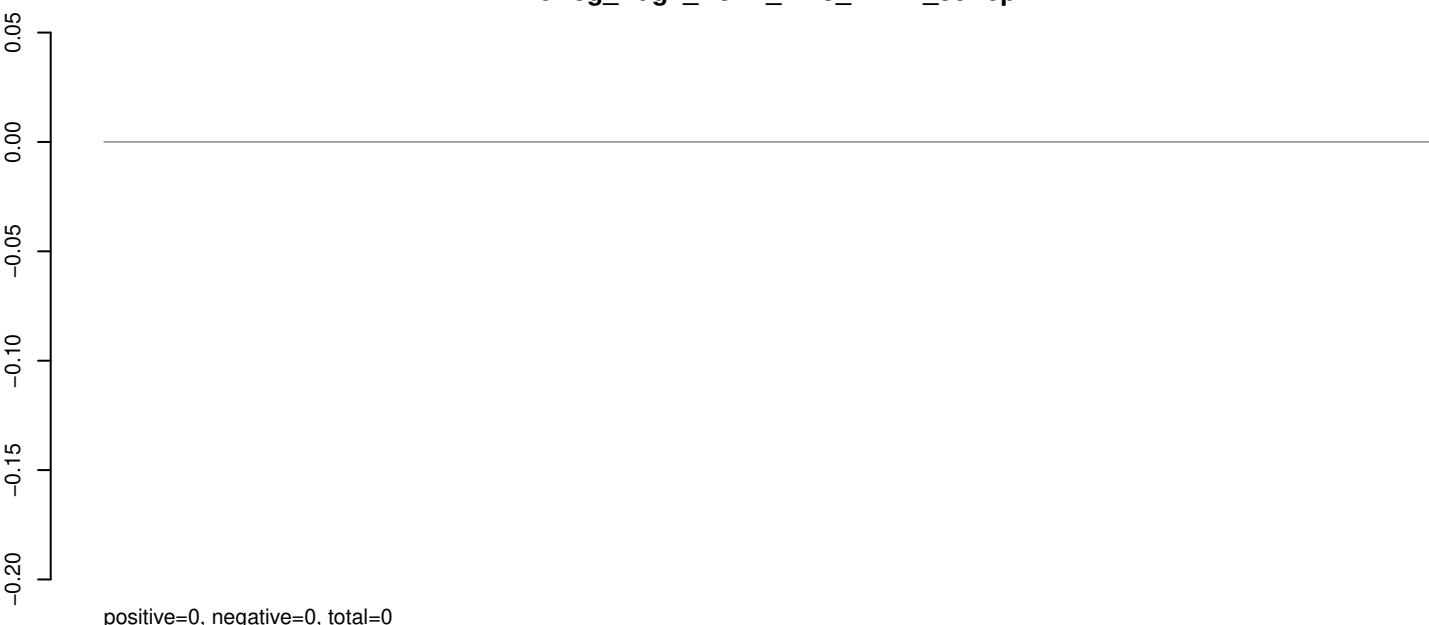
Window size=25, length=11688, virus@NC\_016959.1-Ndumu\_virus:1-11688



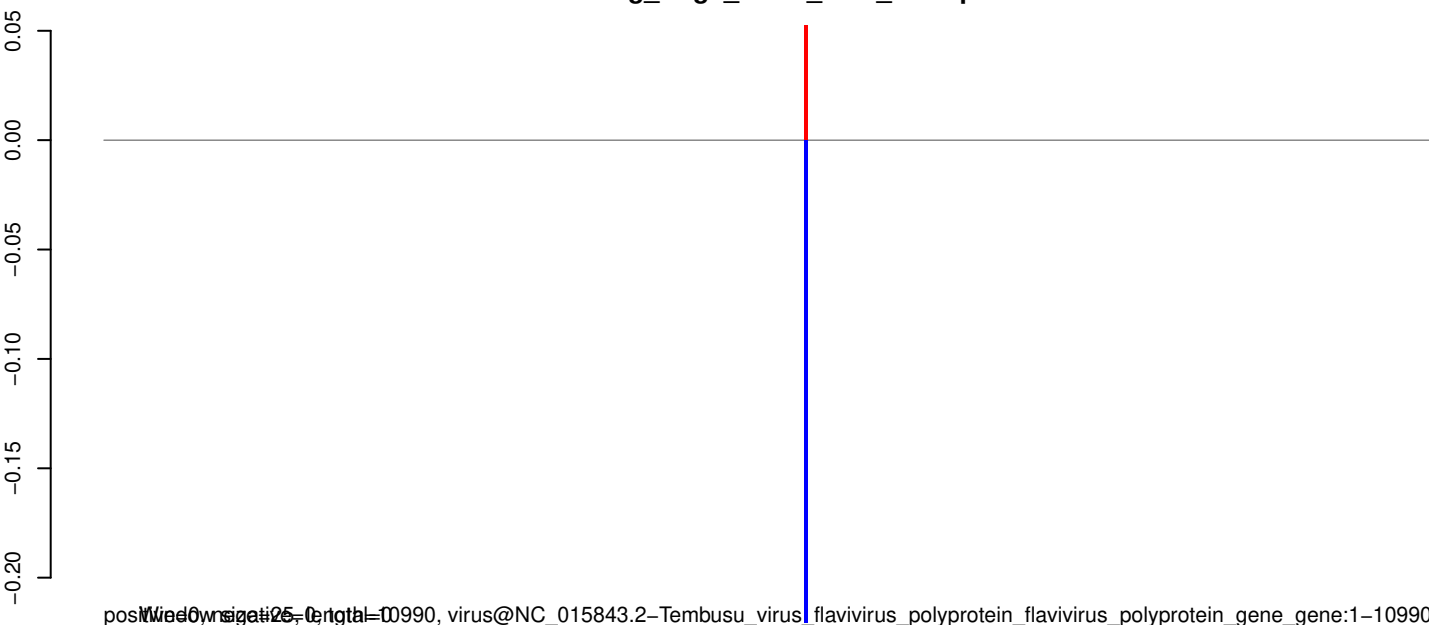
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



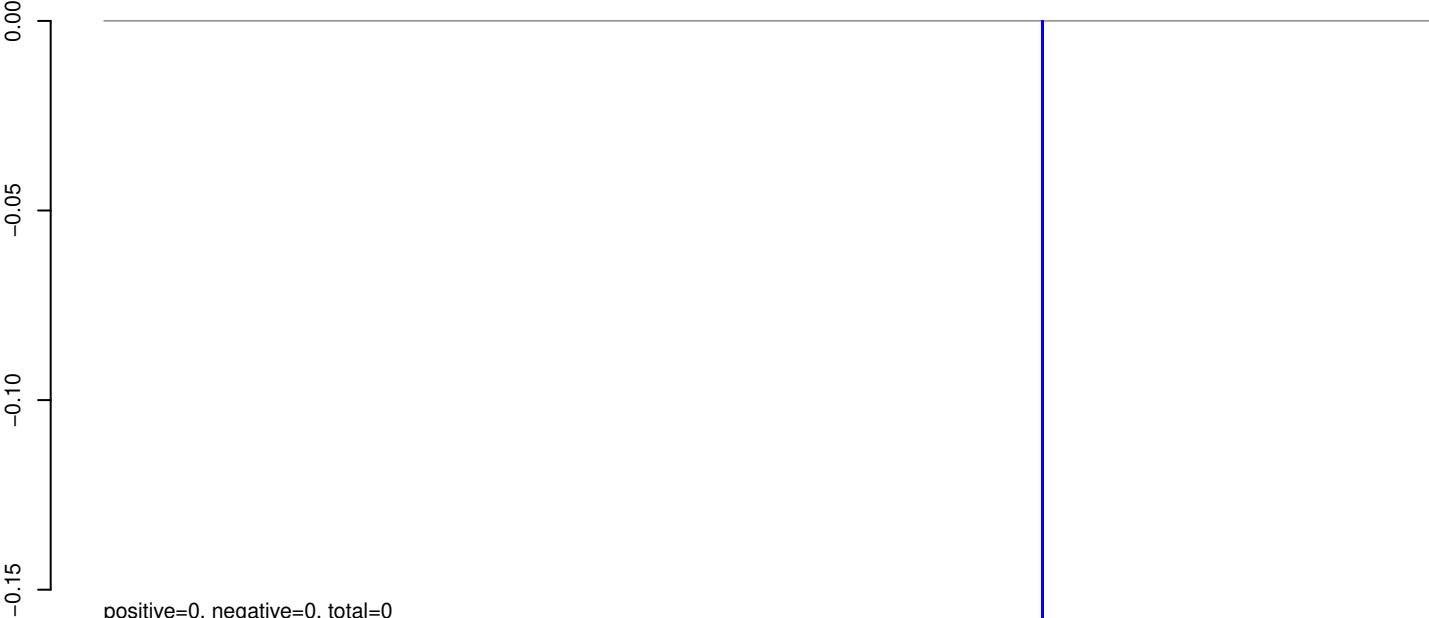
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



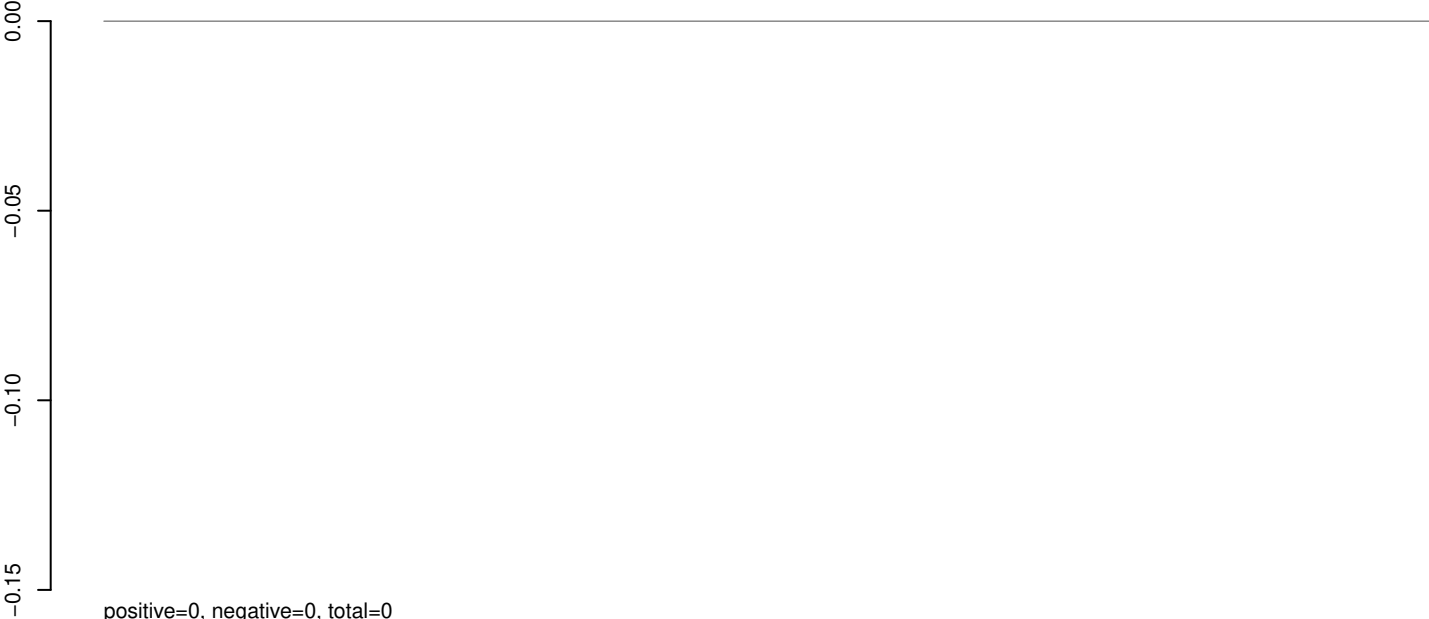
Windows size=25, length=10990, virus@NC\_015843.2-Tembusu\_virus\_flavivirus\_polyprotein\_flavivirus\_polyprotein\_gene\_gene:1-10990

0 2000 4000 6000 8000 10000

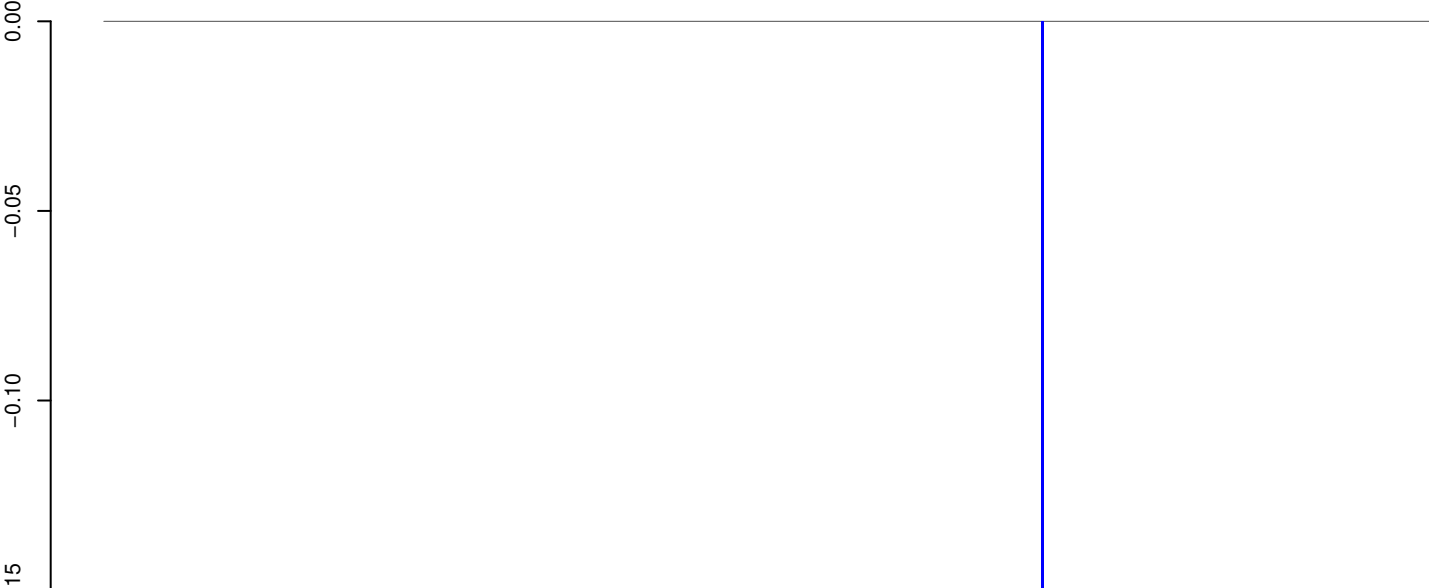
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



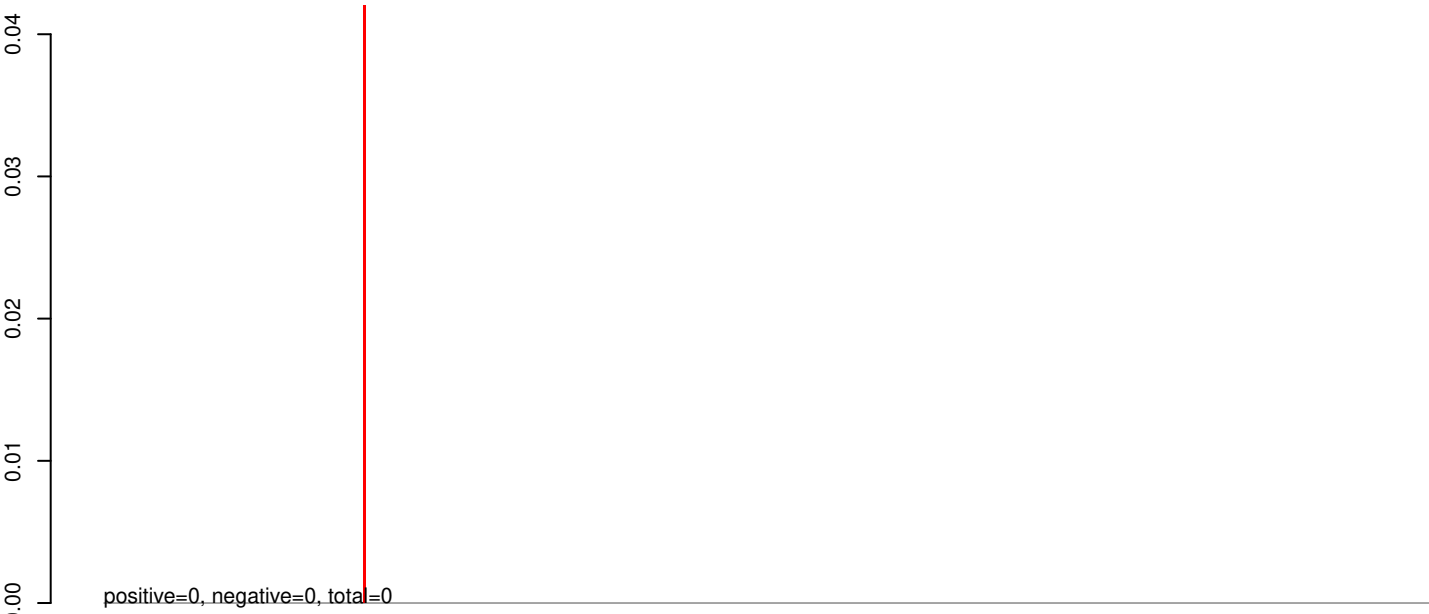
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



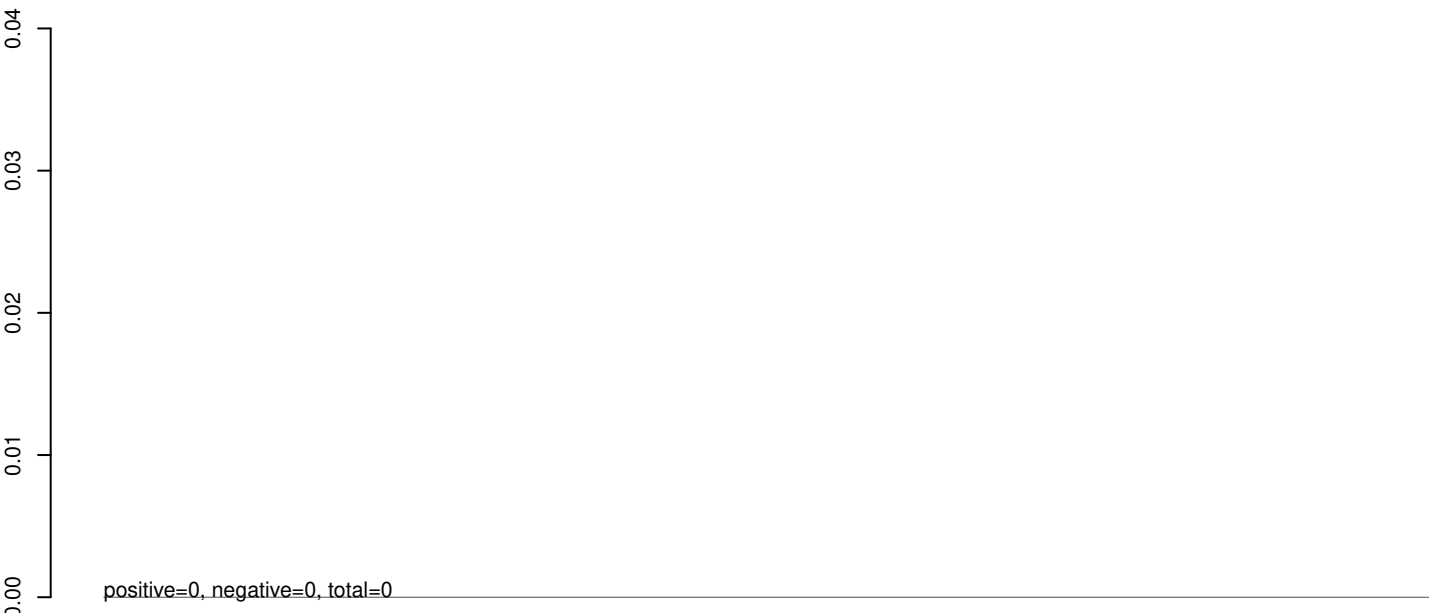
length=2390, virus=161350 -Drosophila\_melanogaster\_sigma\_virus\_AP30\_N\_P\_X\_M\_G\_and\_L\_genes\_genomic\_RNA\_isolate:1-12390

0 2000 4000 6000 8000 10000 12000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



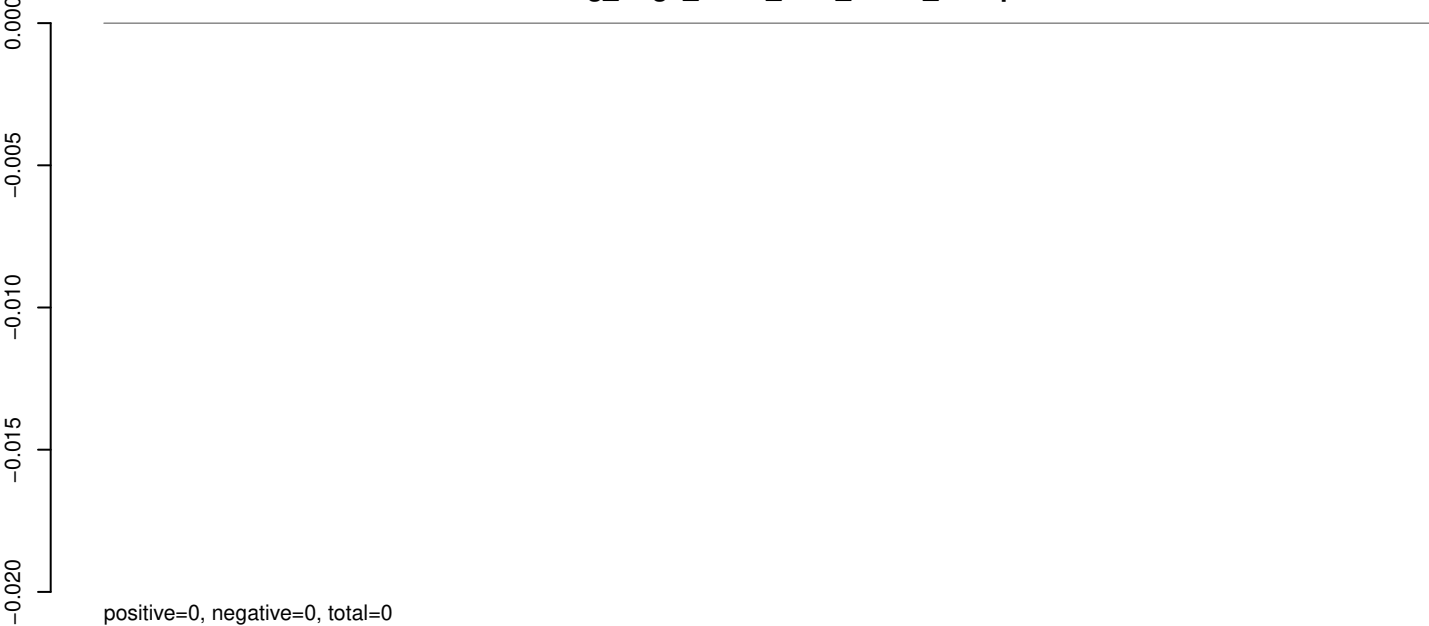
Window size=25, length=11526, virus@NC\_012561.1-Highlands\_J\_virus:1-11526

0 2000 4000 6000 8000 10000 12000

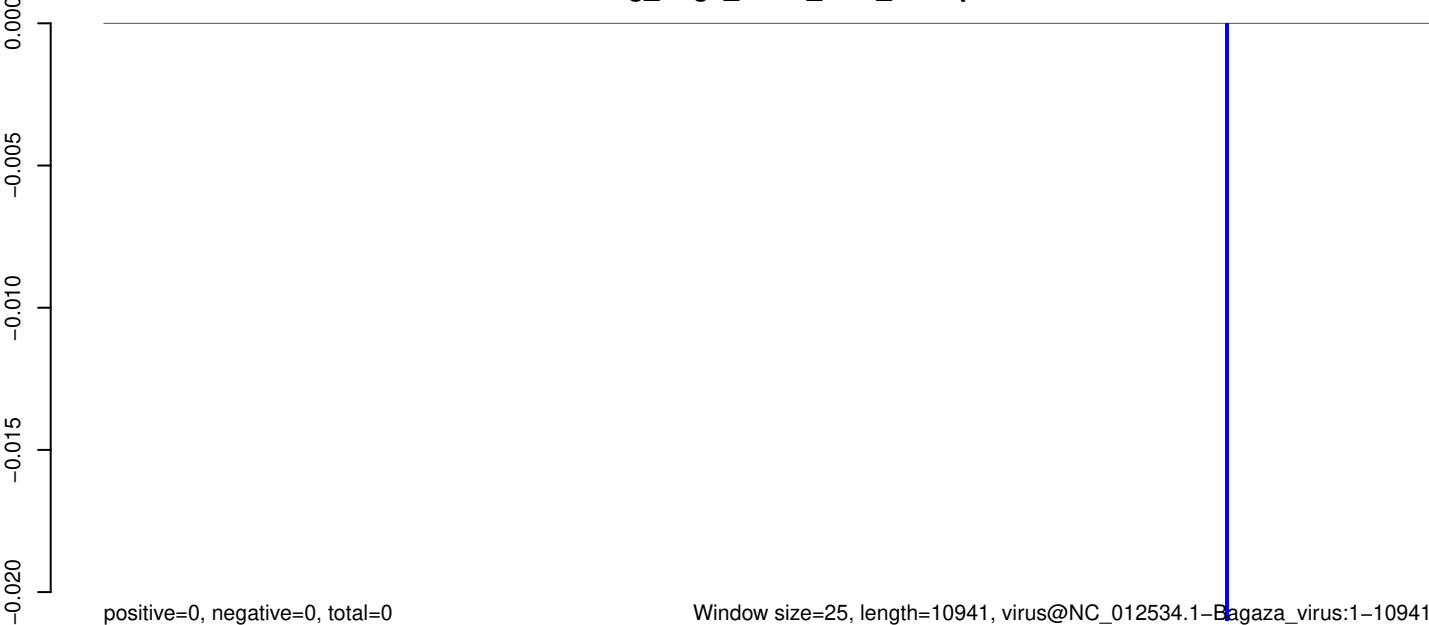
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

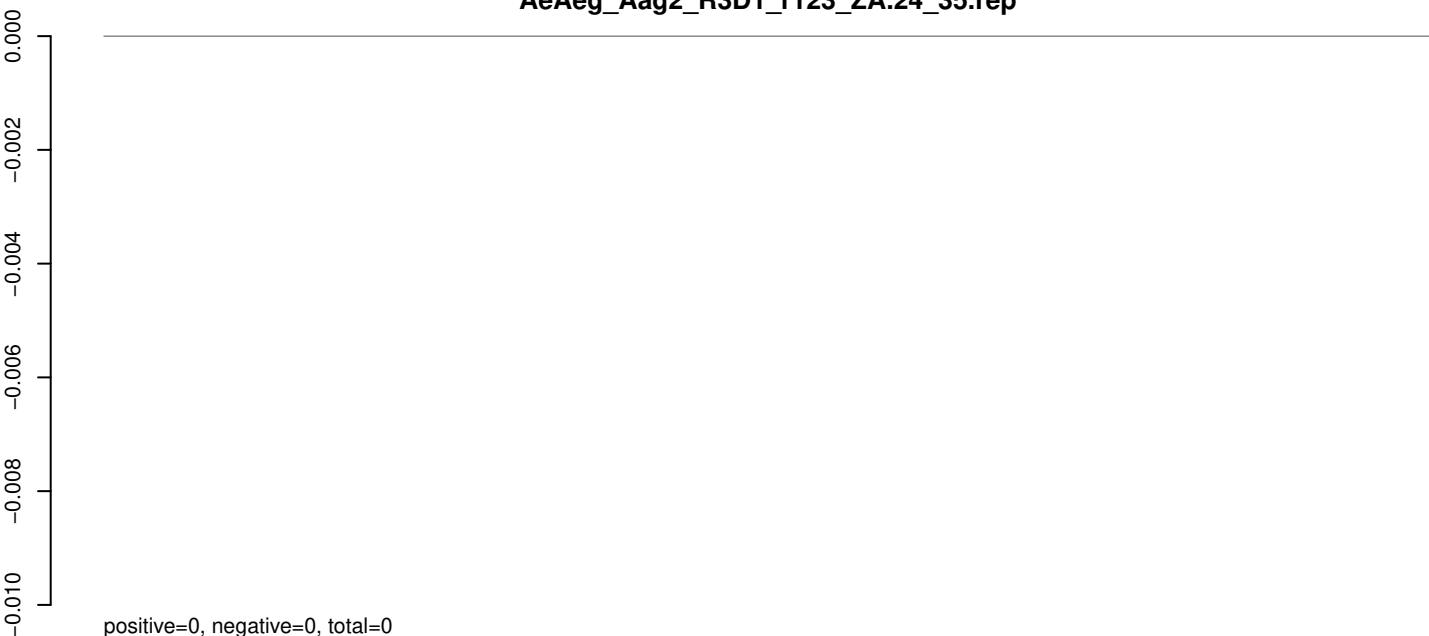


0 2000 4000 6000 8000 10000

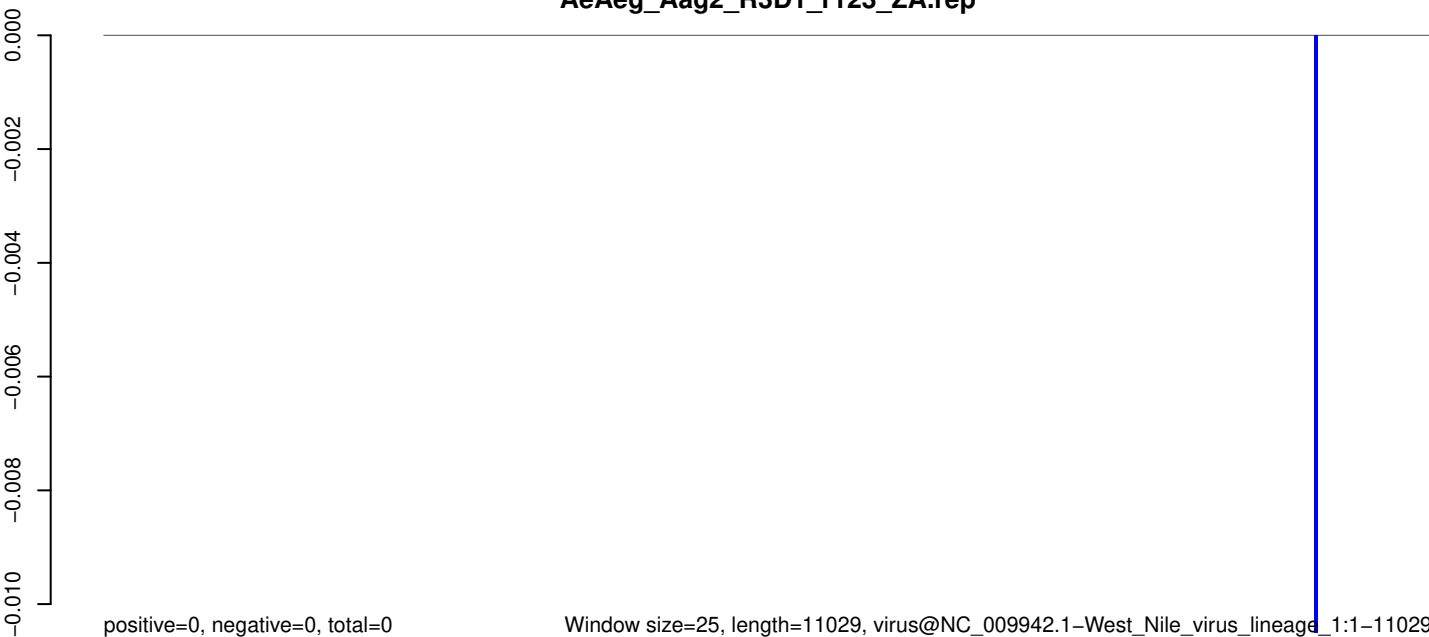
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



0 2000 4000 6000 8000 10000

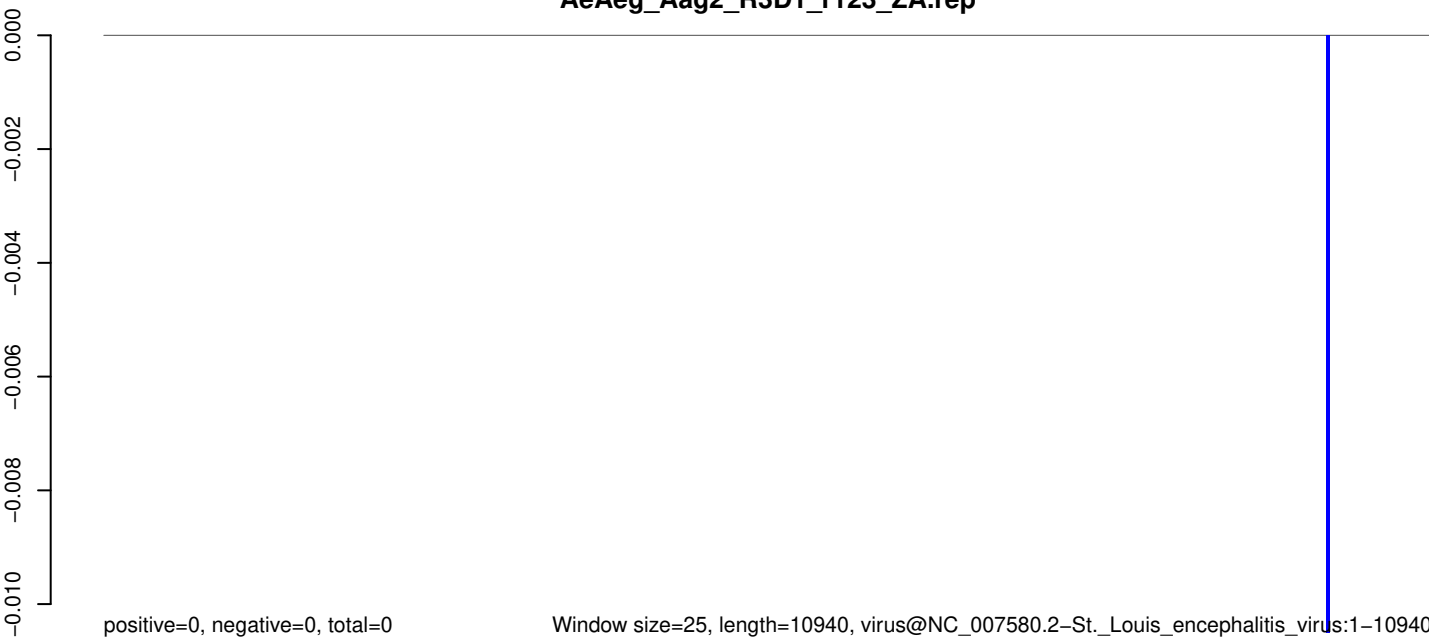
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



Window size=25, length=10940, virus@NC\_007580.2-St.\_Louis\_encephalitis\_virus:1-10940

0 2000 4000 6000 8000 10000

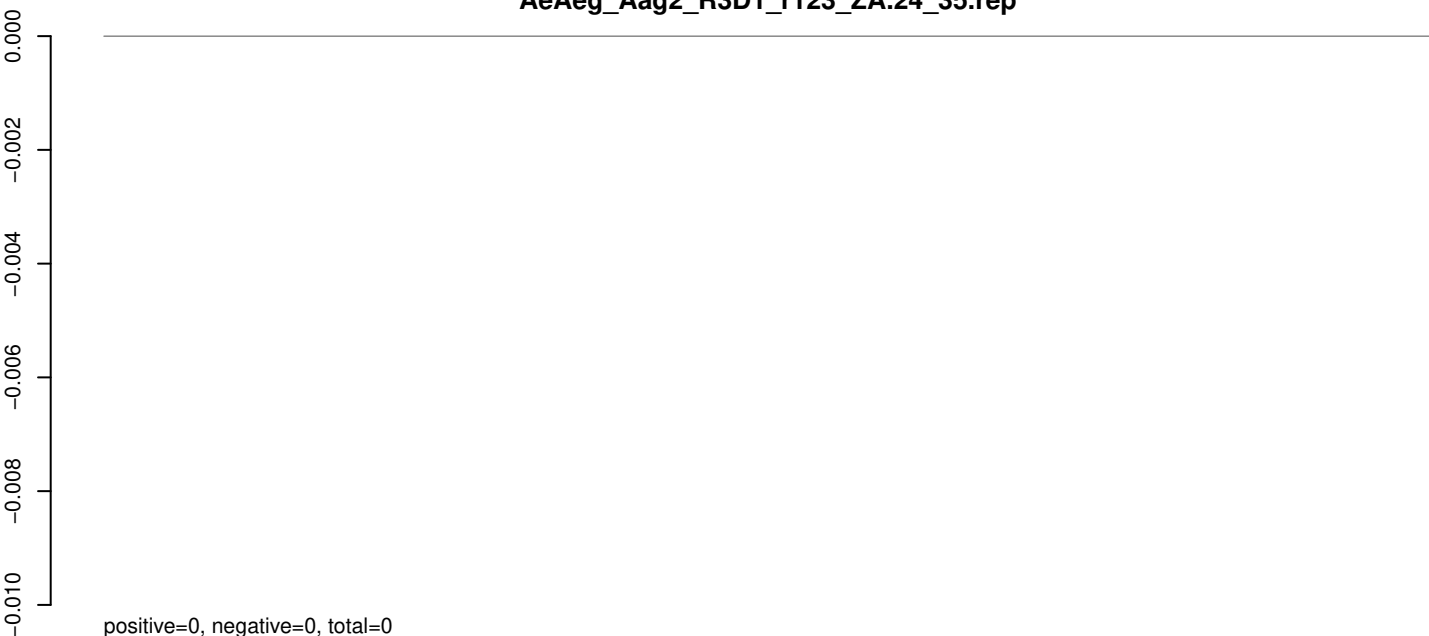


**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



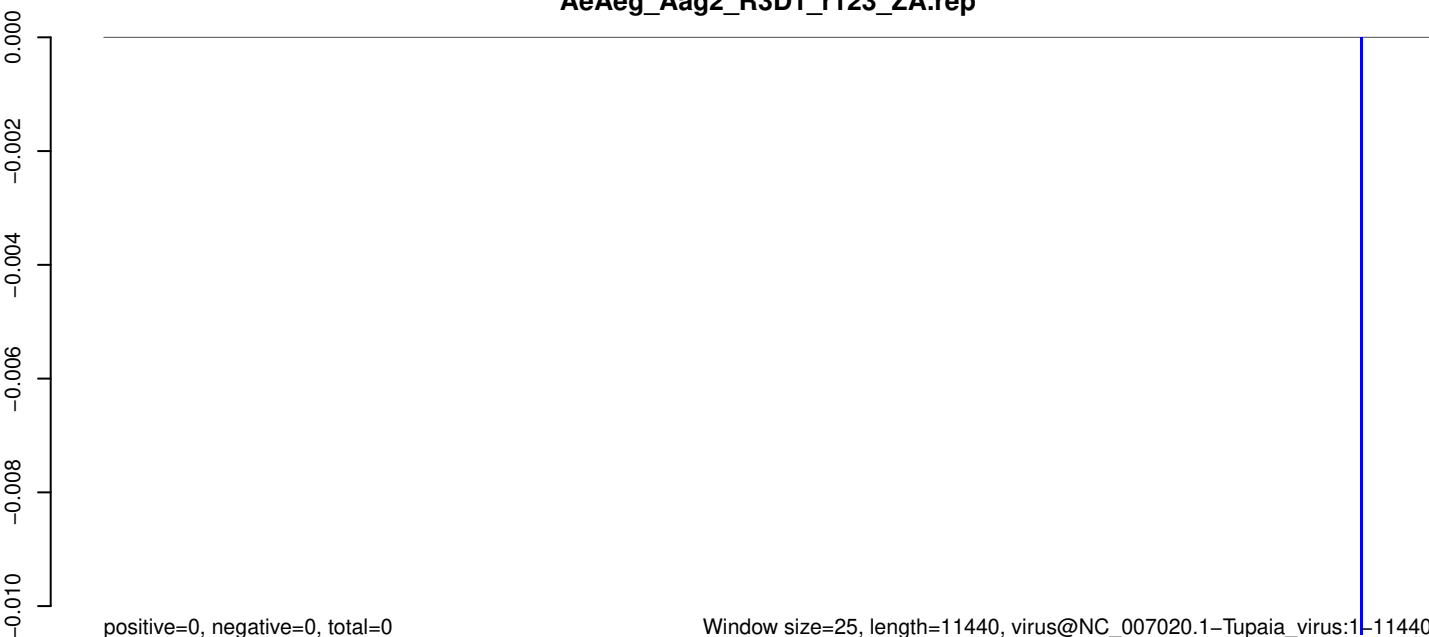
positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



positive=0, negative=0, total=0

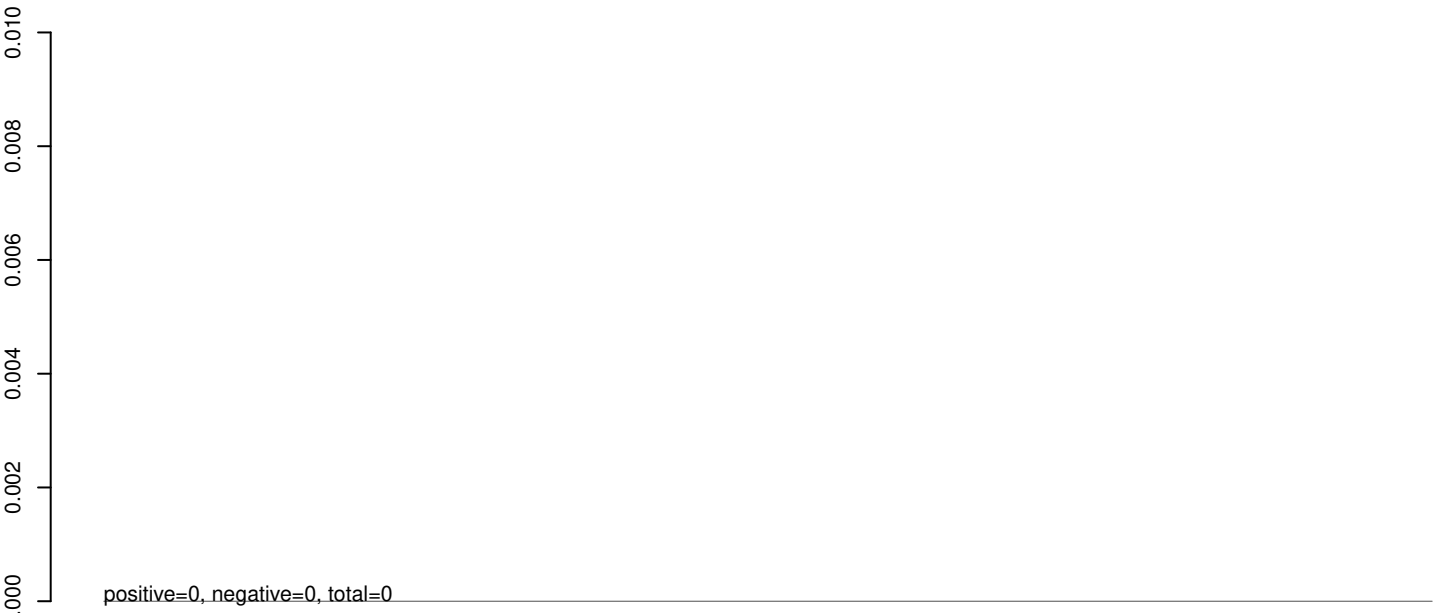
Window size=25, length=11440, virus@NC\_007020.1-Tupaia\_virus:1-11440

0 2000 4000 6000 8000 10000

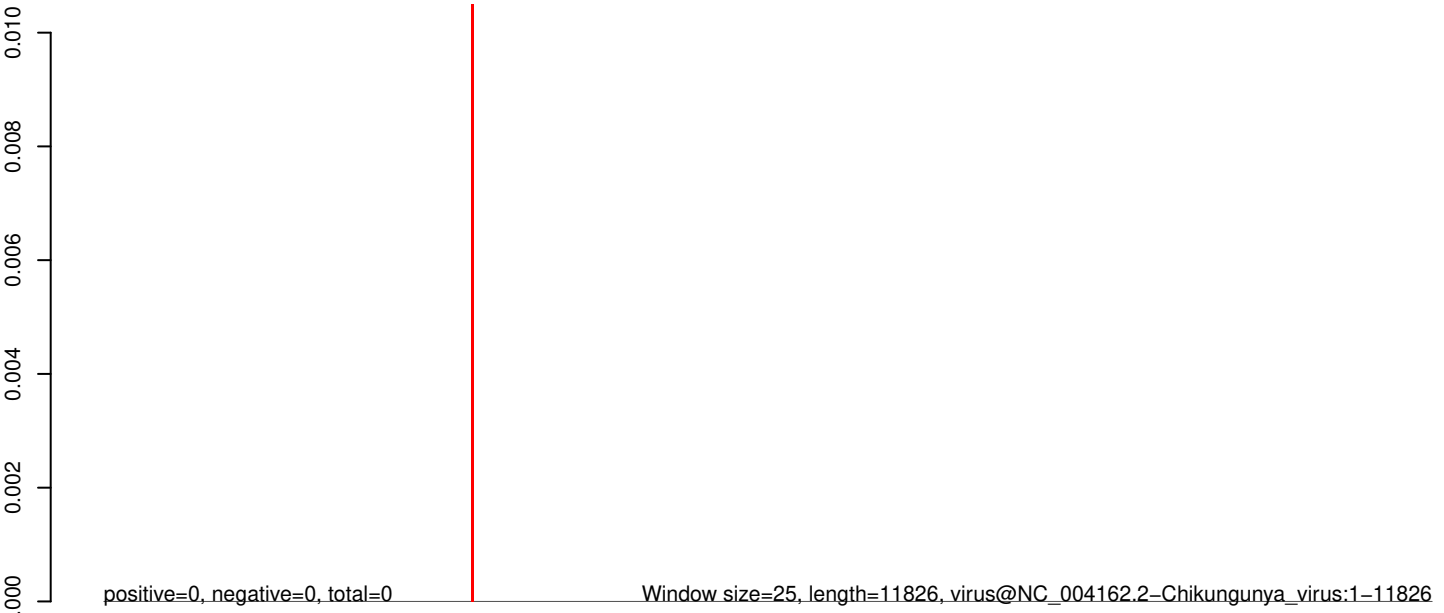
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



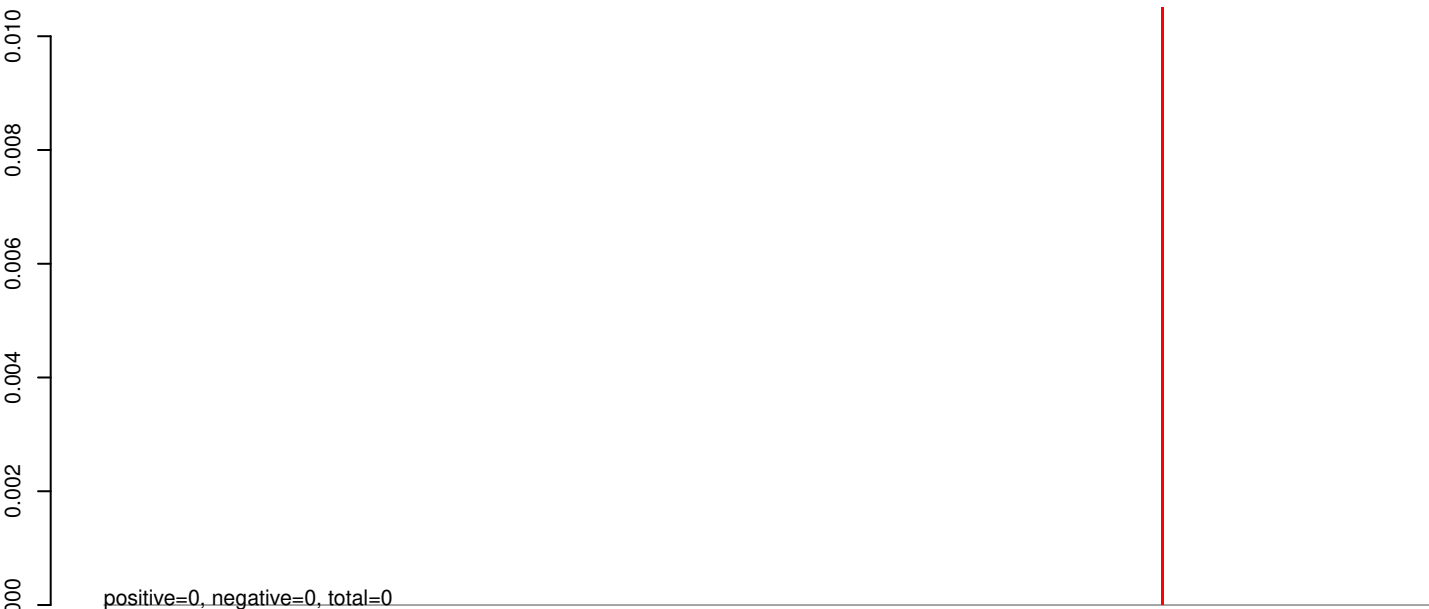
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**

0.000  
-0.002  
-0.004  
-0.006  
-0.008  
-0.010

positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

0.000  
-0.002  
-0.004  
-0.006  
-0.008  
-0.010

positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

0.000  
-0.002  
-0.004  
-0.006  
-0.008  
-0.010

positive=0, negative=0, total=0

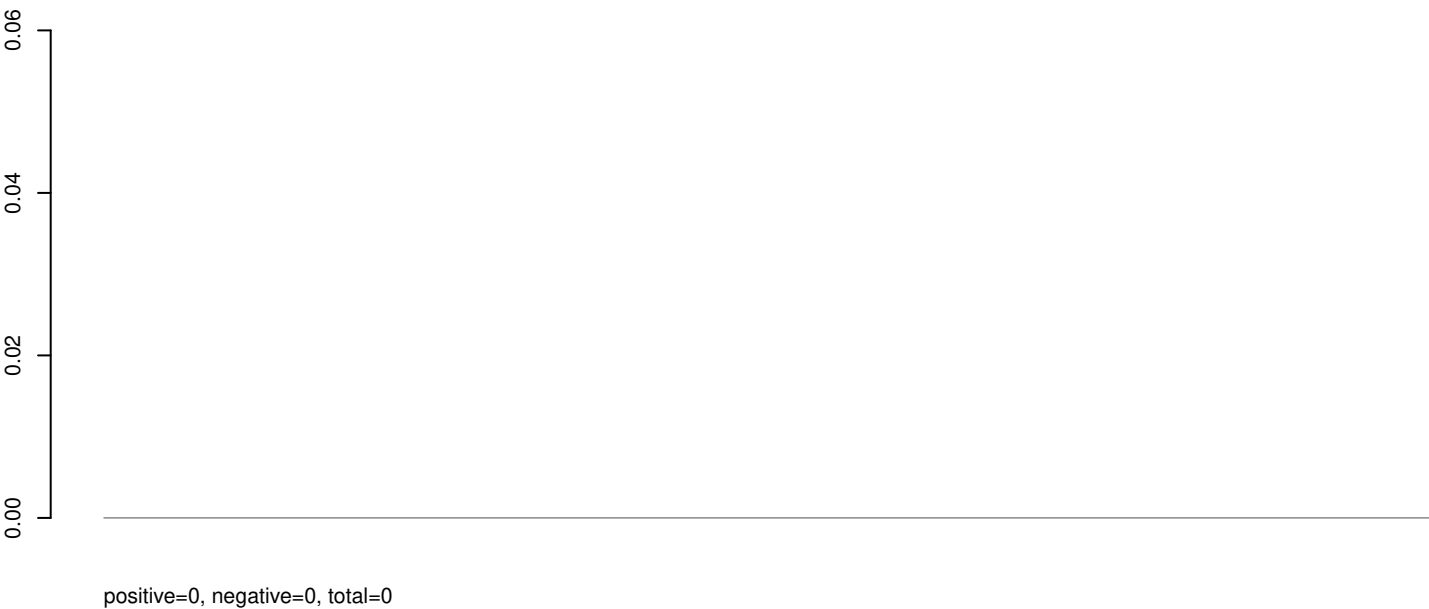
Window size=25, length=11484, virus@NC\_003908.1-Western\_equine\_encephalomyelitis\_virus:1-11484

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



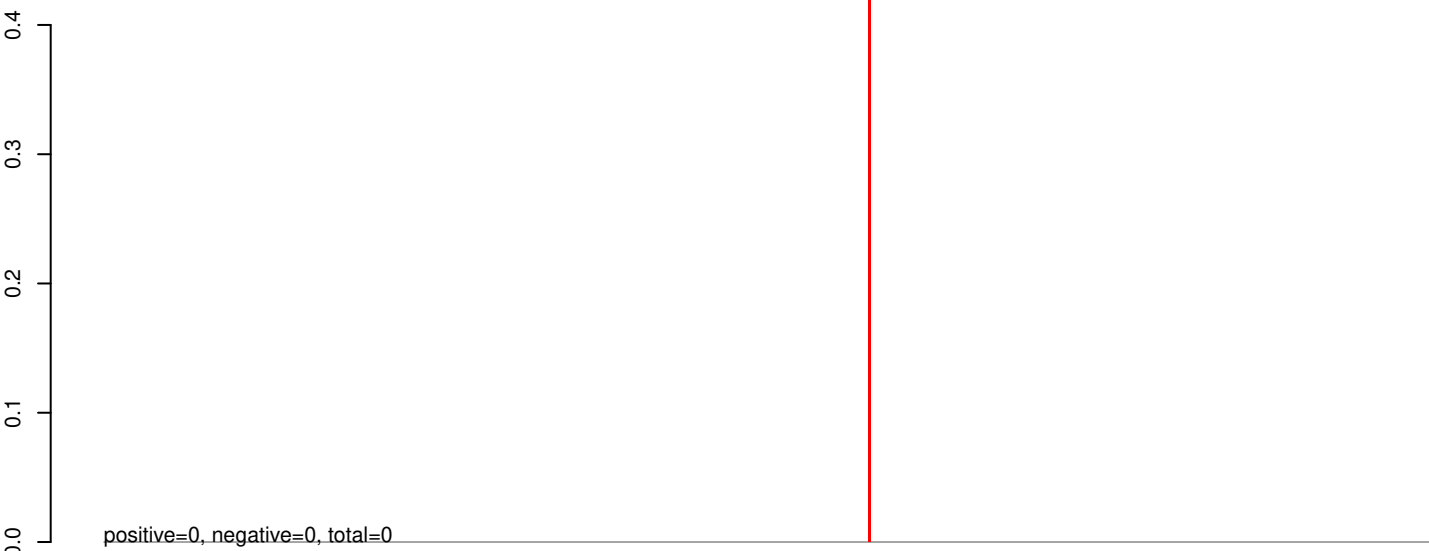
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



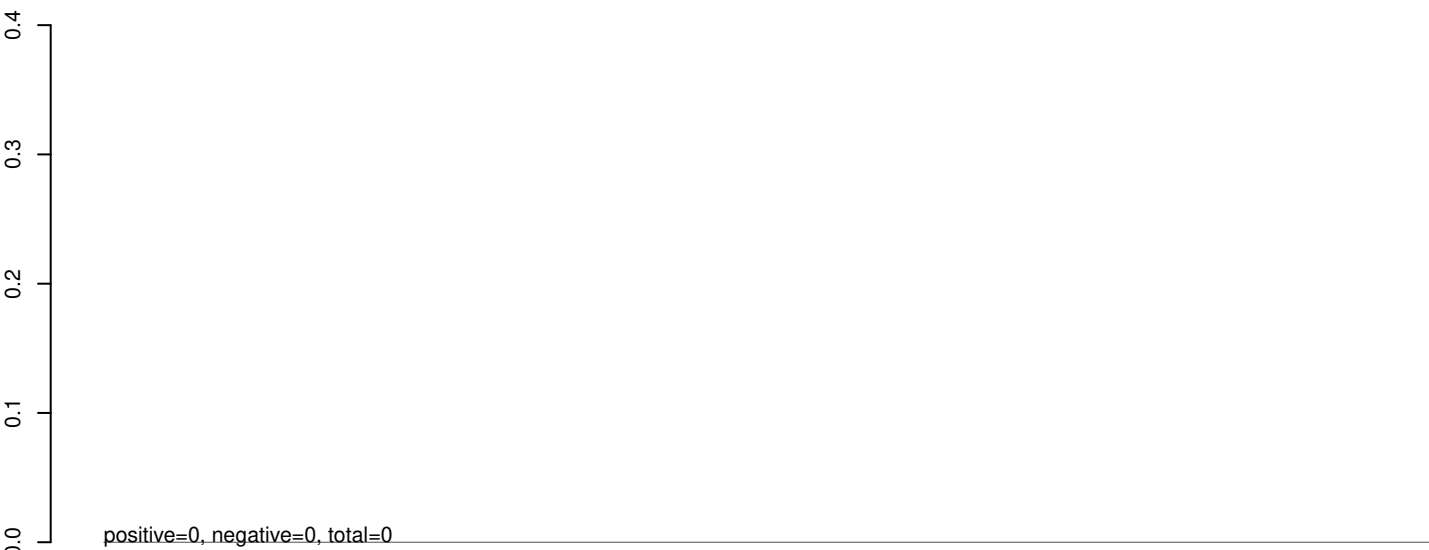
Window size=25, length=10600, virus@NC\_003635.1-Modoc\_virus:1-10600

0 2000 4000 6000 8000 10000

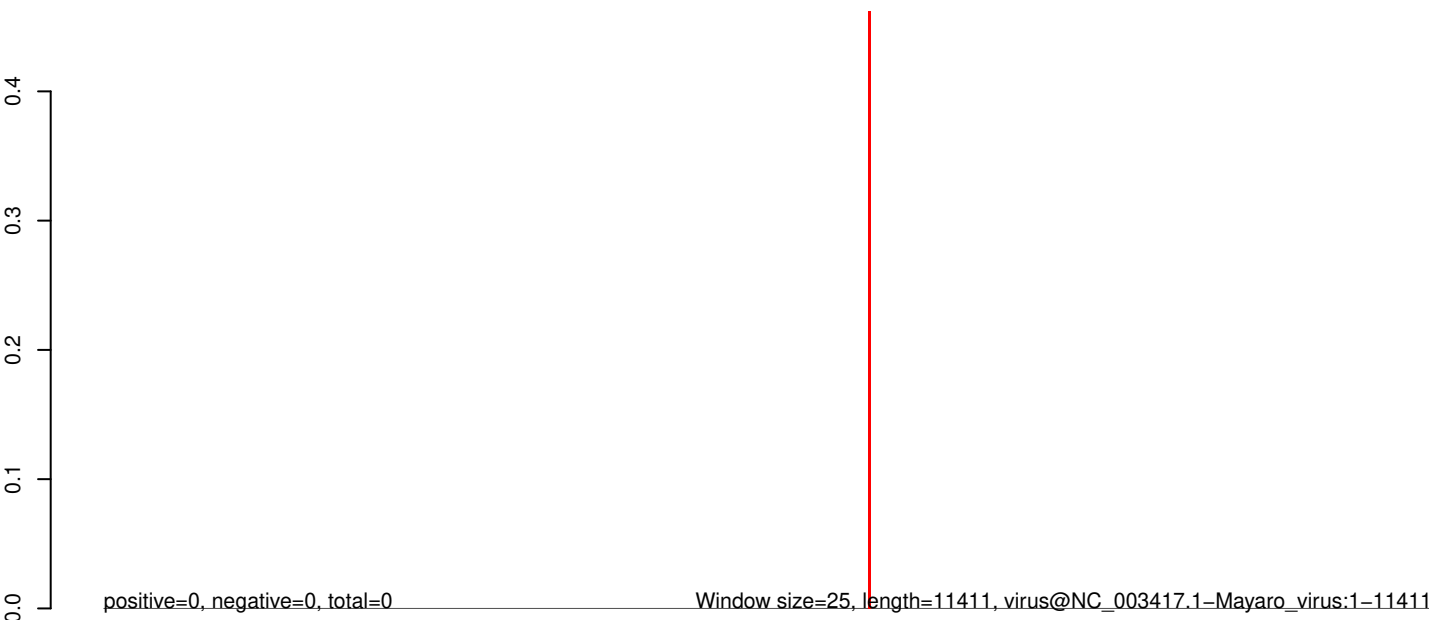
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



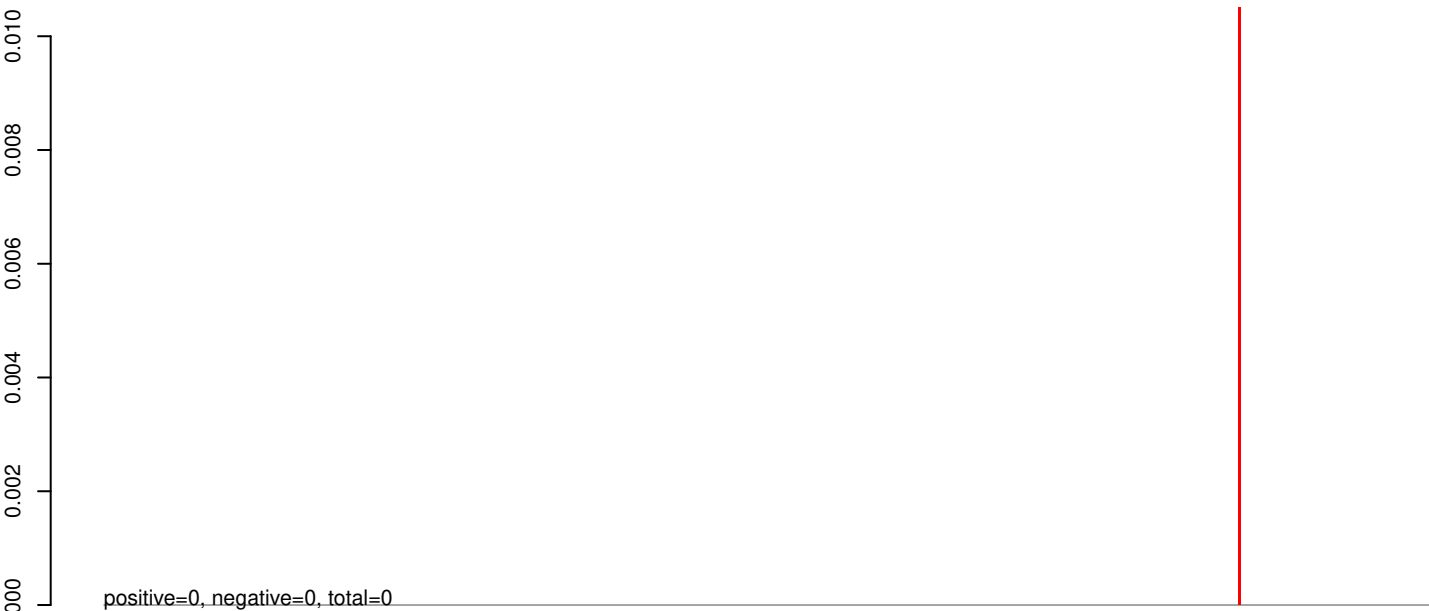
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



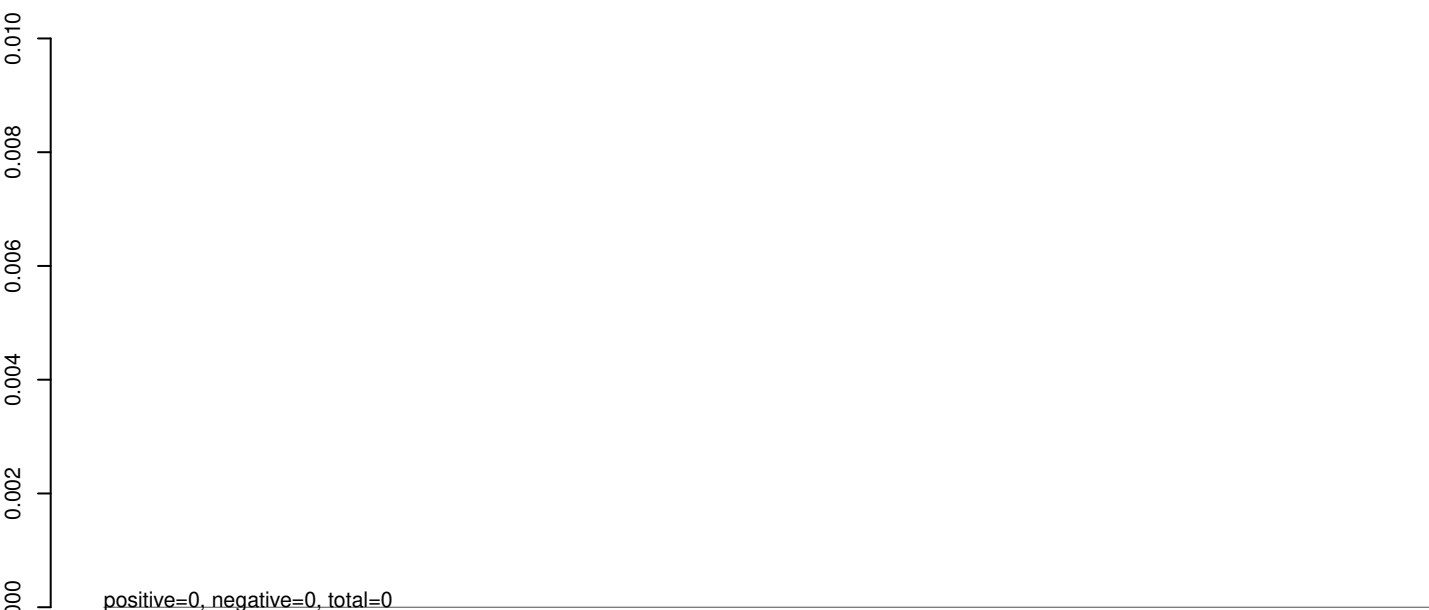
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



0 2000 4000 6000 8000 10000

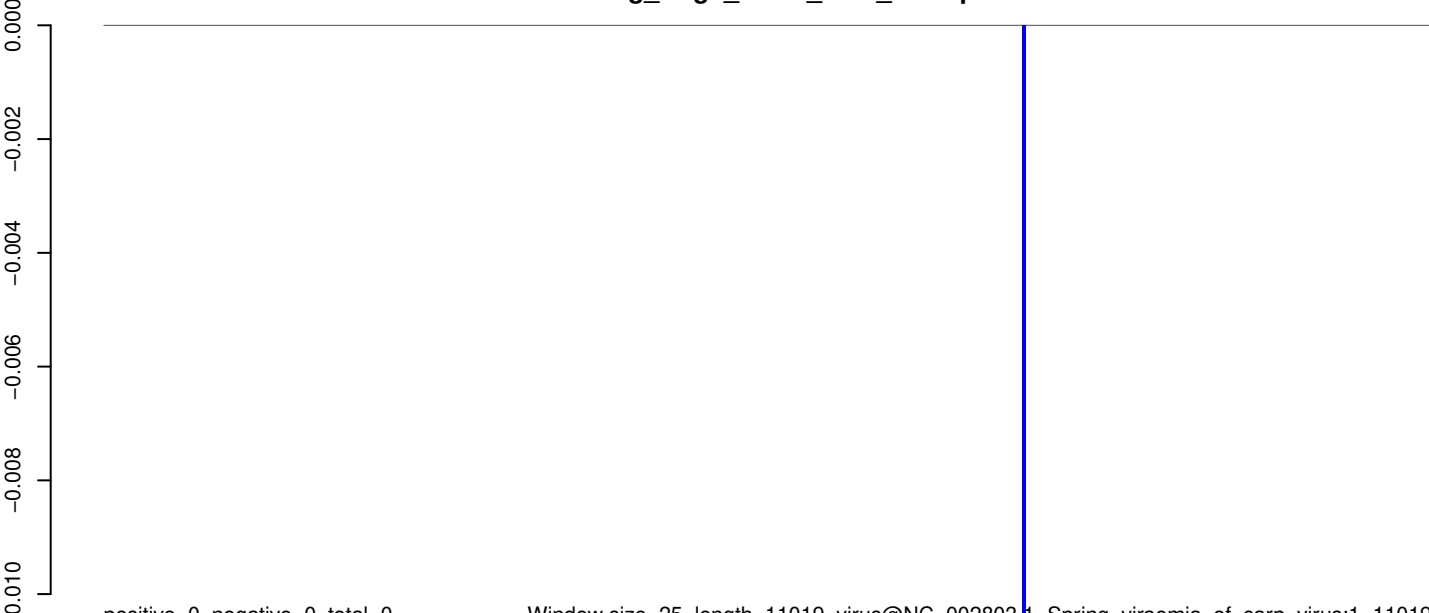
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



Window size=25, length=11019, virus@NC\_002803.1-Spring\_viraemia\_of\_carp\_virus:1-11019

0 2000 4000 6000 8000 10000



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**

0.000  
-0.002  
-0.004  
-0.006  
-0.008  
-0.010

positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

0.000  
-0.002  
-0.004  
-0.006  
-0.008  
-0.010

positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

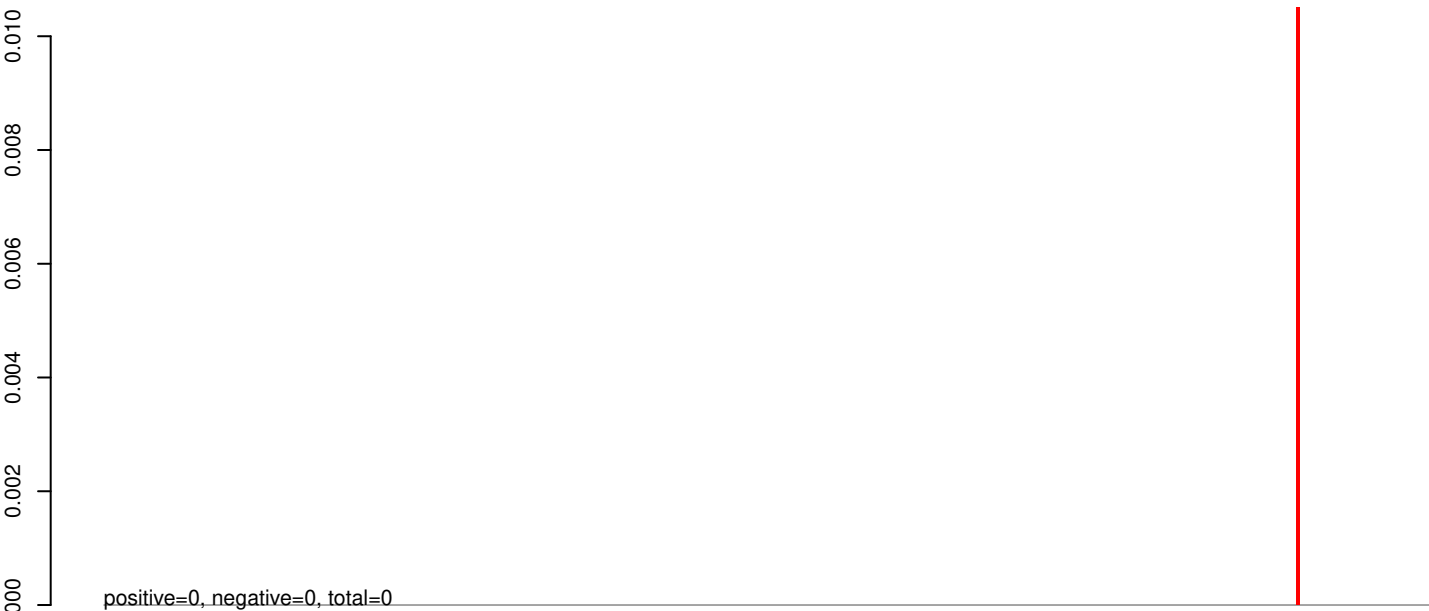
0.000  
-0.002  
-0.004  
-0.006  
-0.008  
-0.010

positive=0, negative=0, total=0

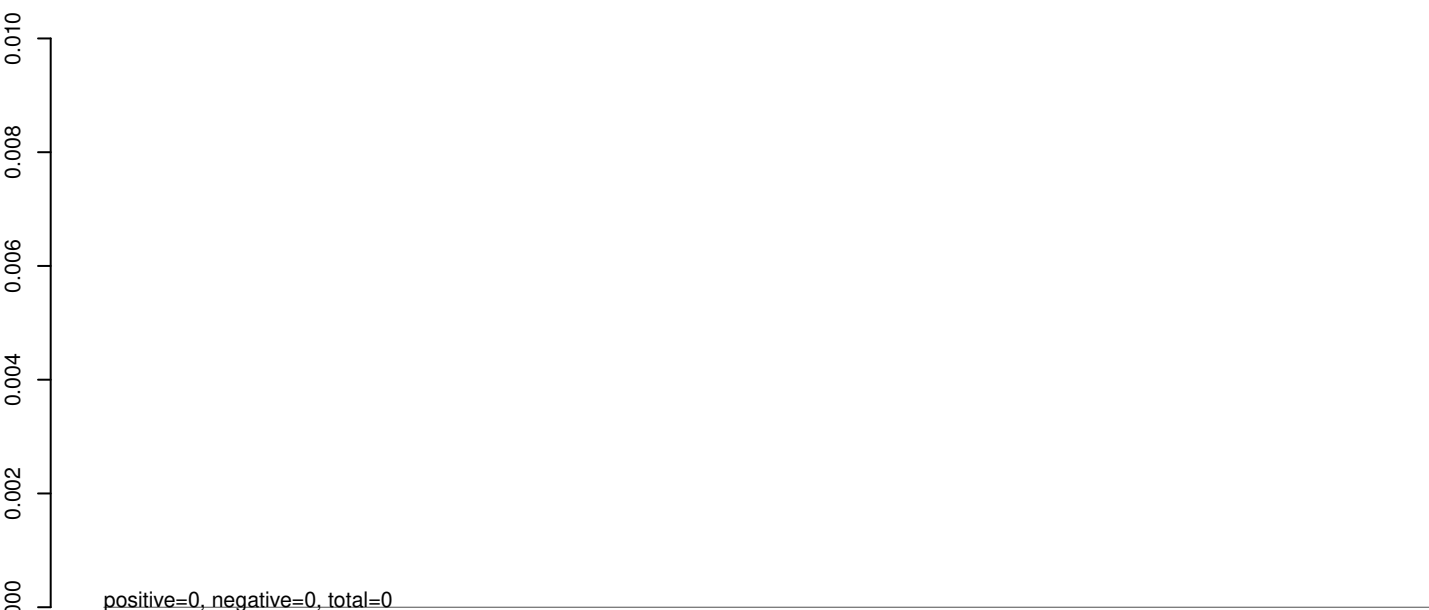
Window size=25, length=10862, virus@NC\_002031.1-Yellow\_fever\_virus:1-10862

0 2000 4000 6000 8000 10000

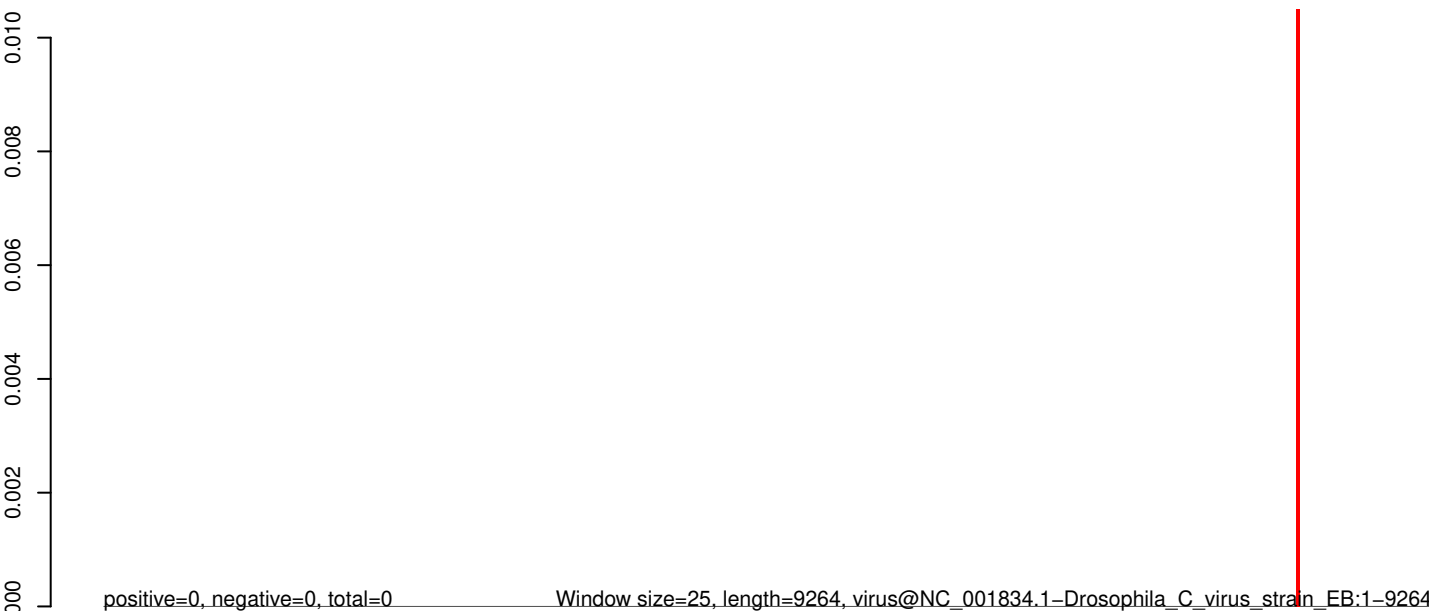
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**

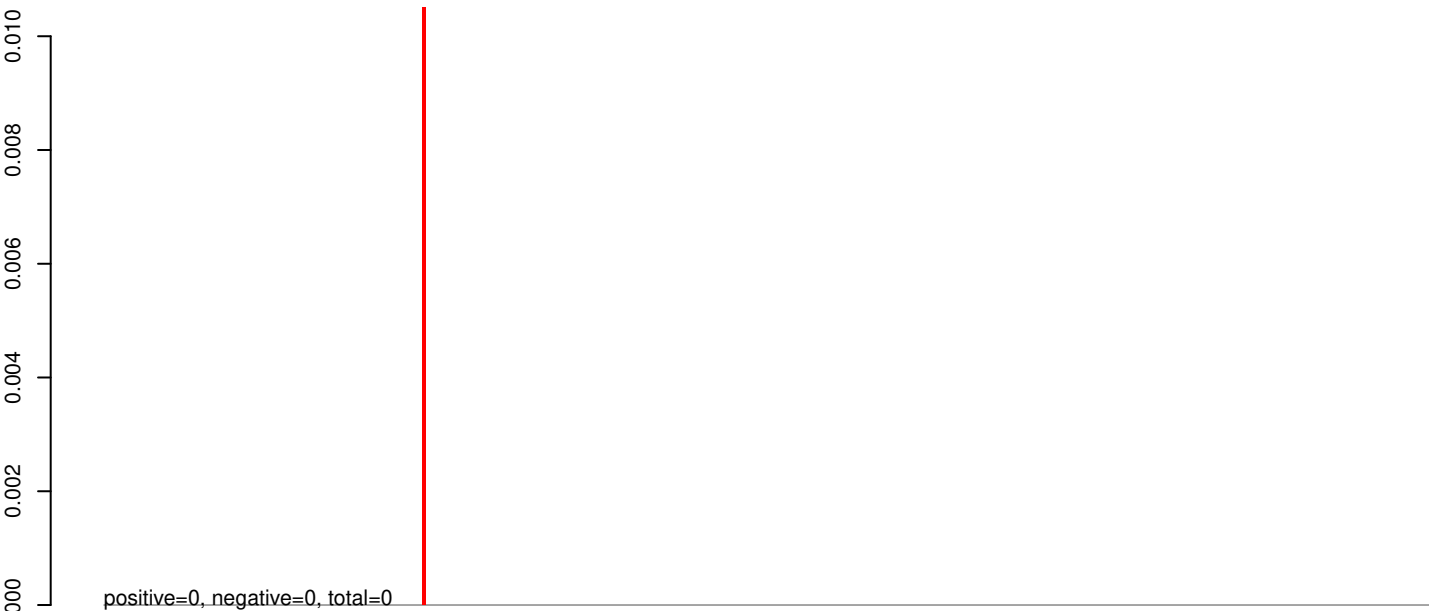


**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

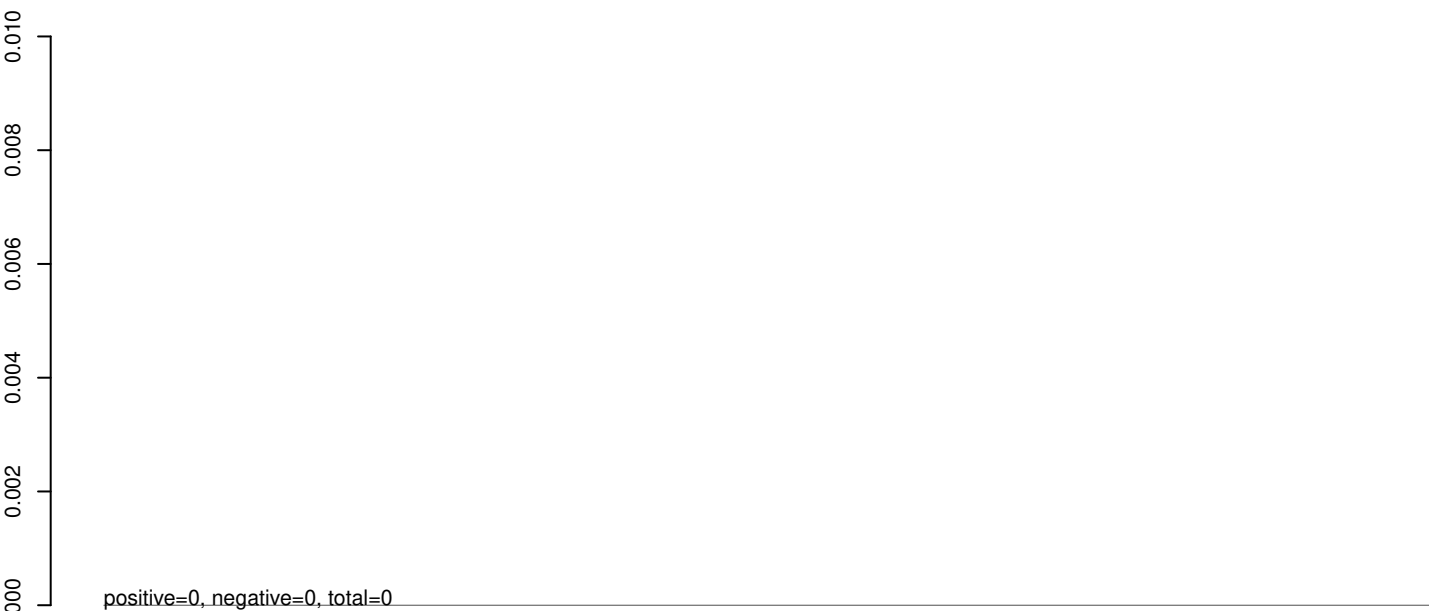


0 2000 4000 6000 8000

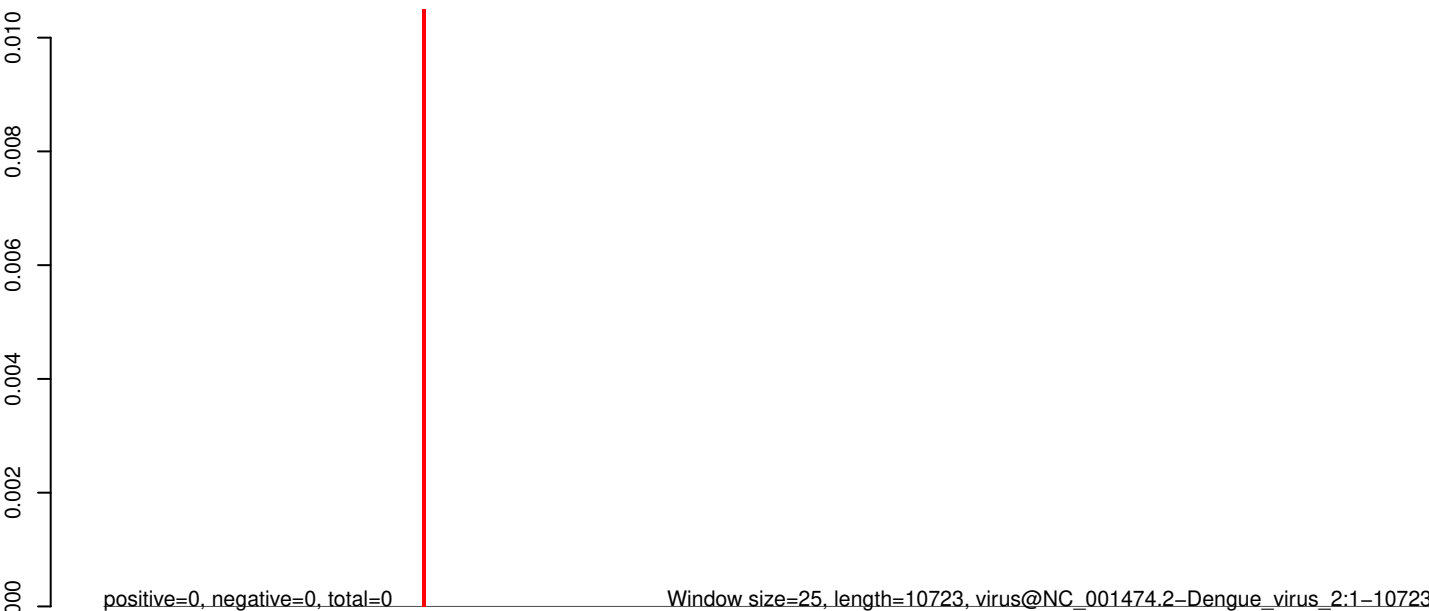
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



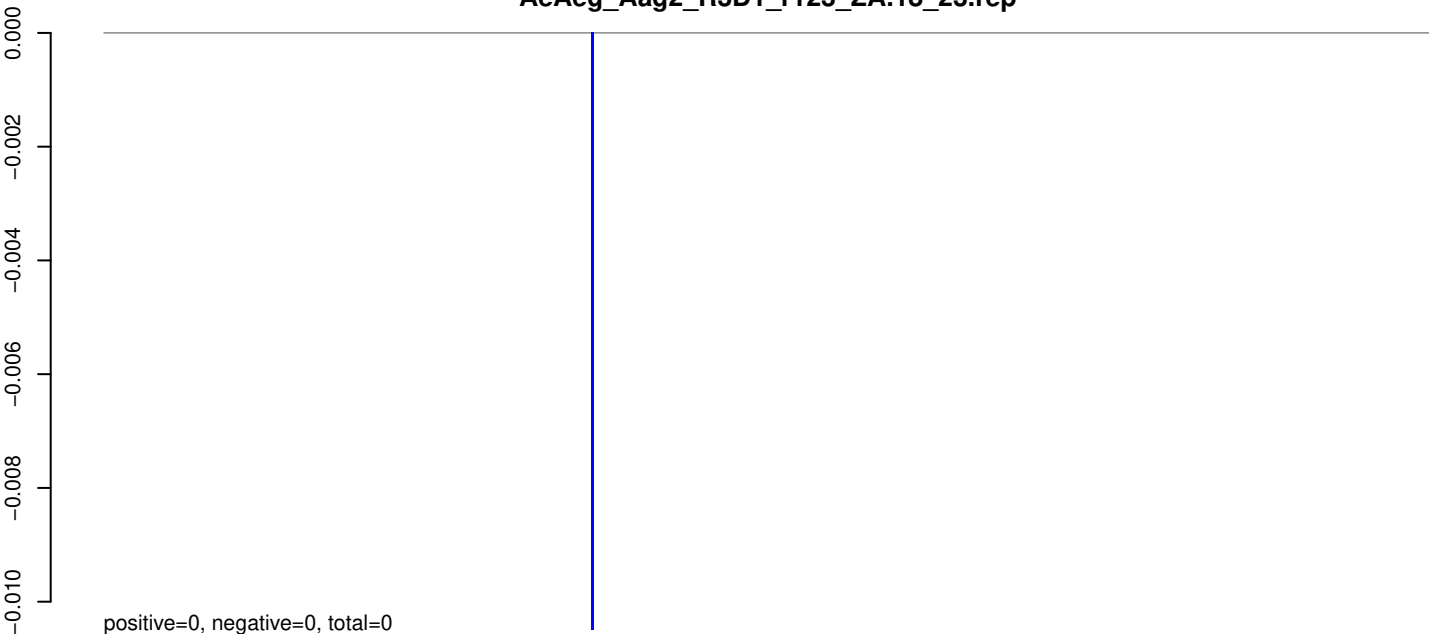
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



Window size=25, length=10723, virus@NC\_001474.2-Dengue\_virus\_2:1-10723

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



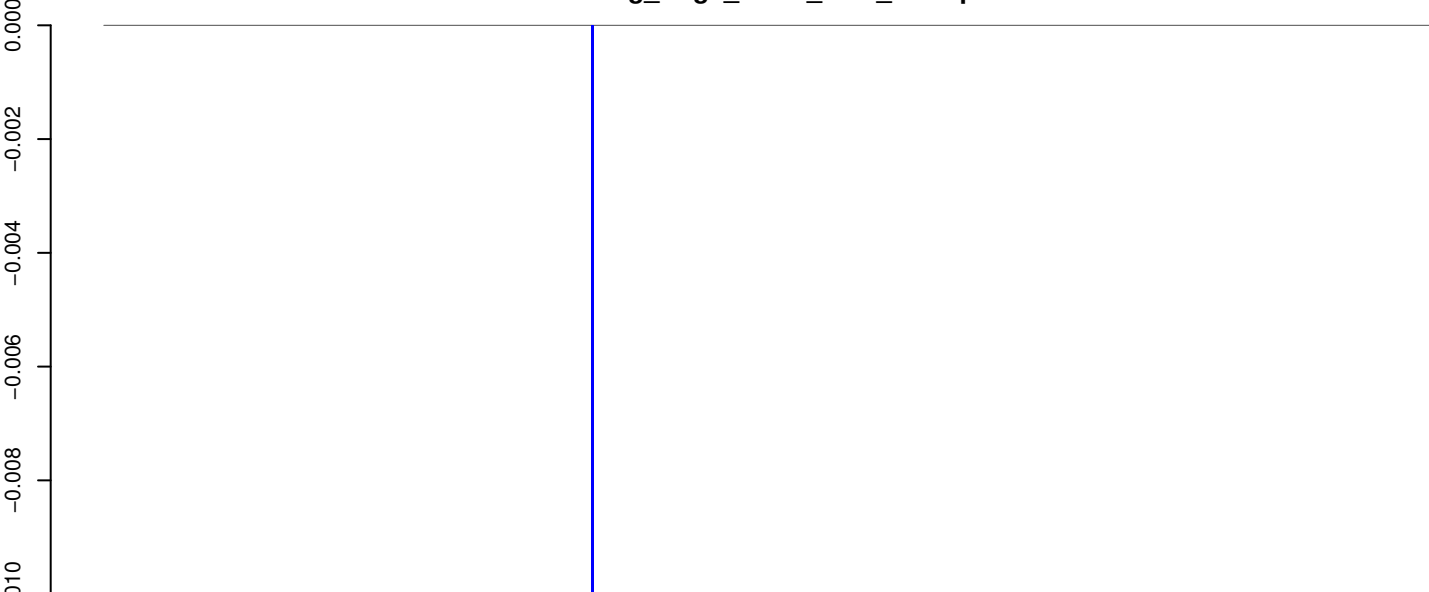
positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

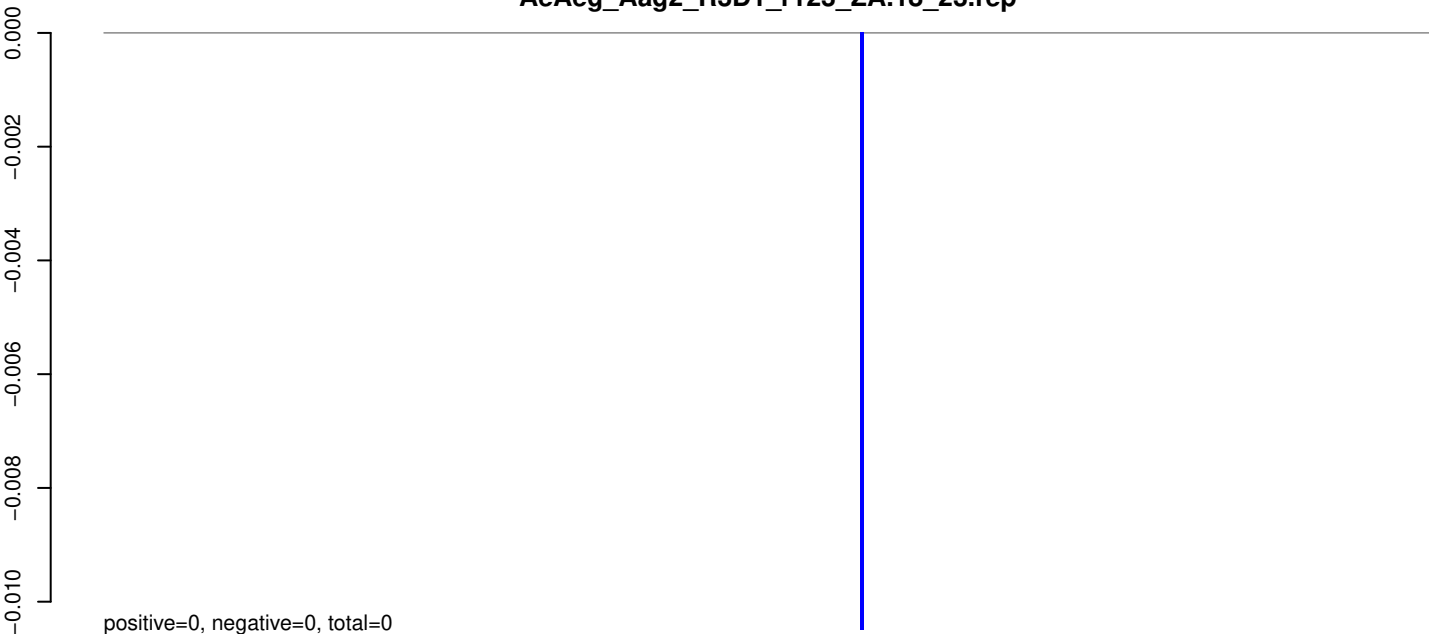


positive=0, negative=0, total=0

Window size=25, length=11444, virus@NC\_001449.1-Venezuelan\_equine\_encephalitis\_virus:1-11444



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



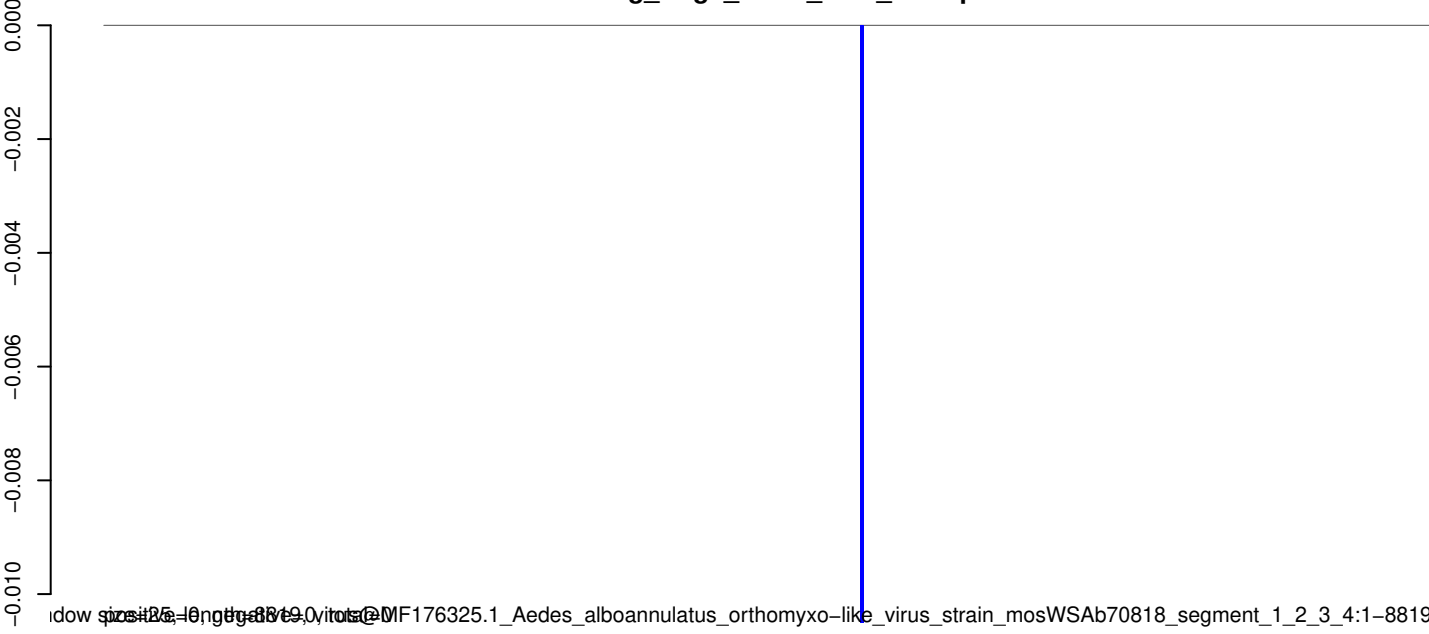
positive=0, negative=0, total=0

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

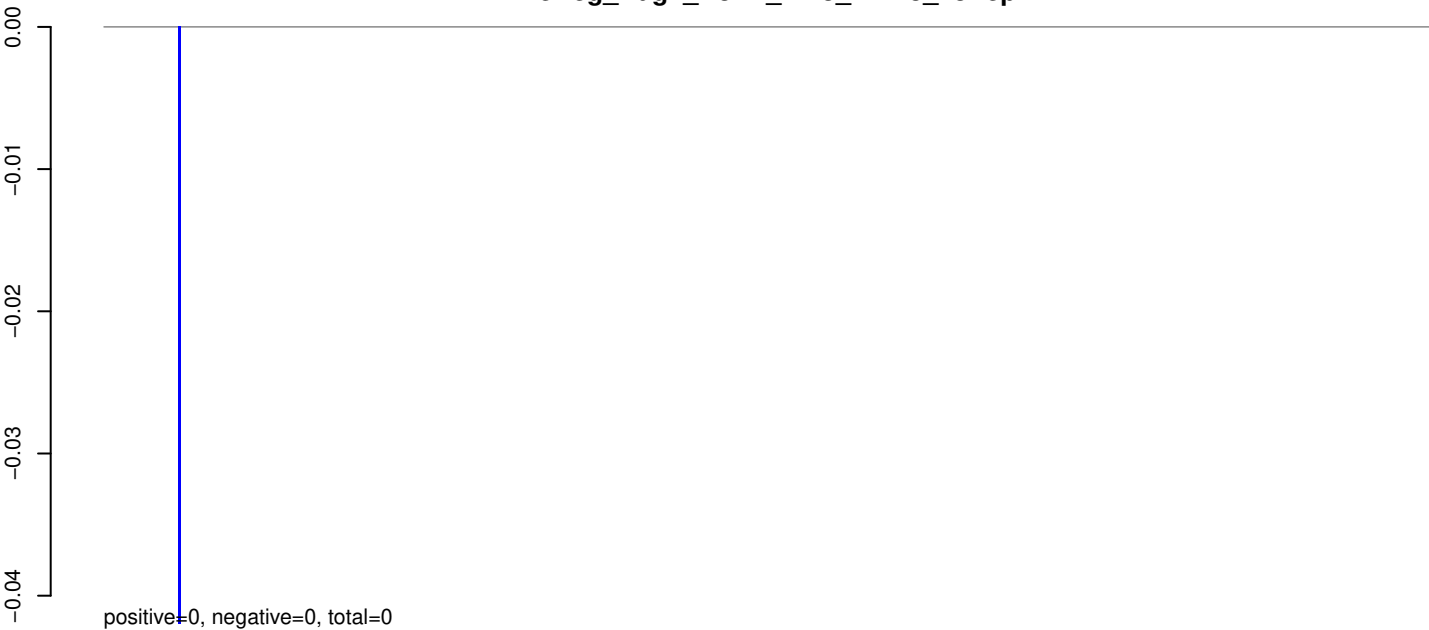
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



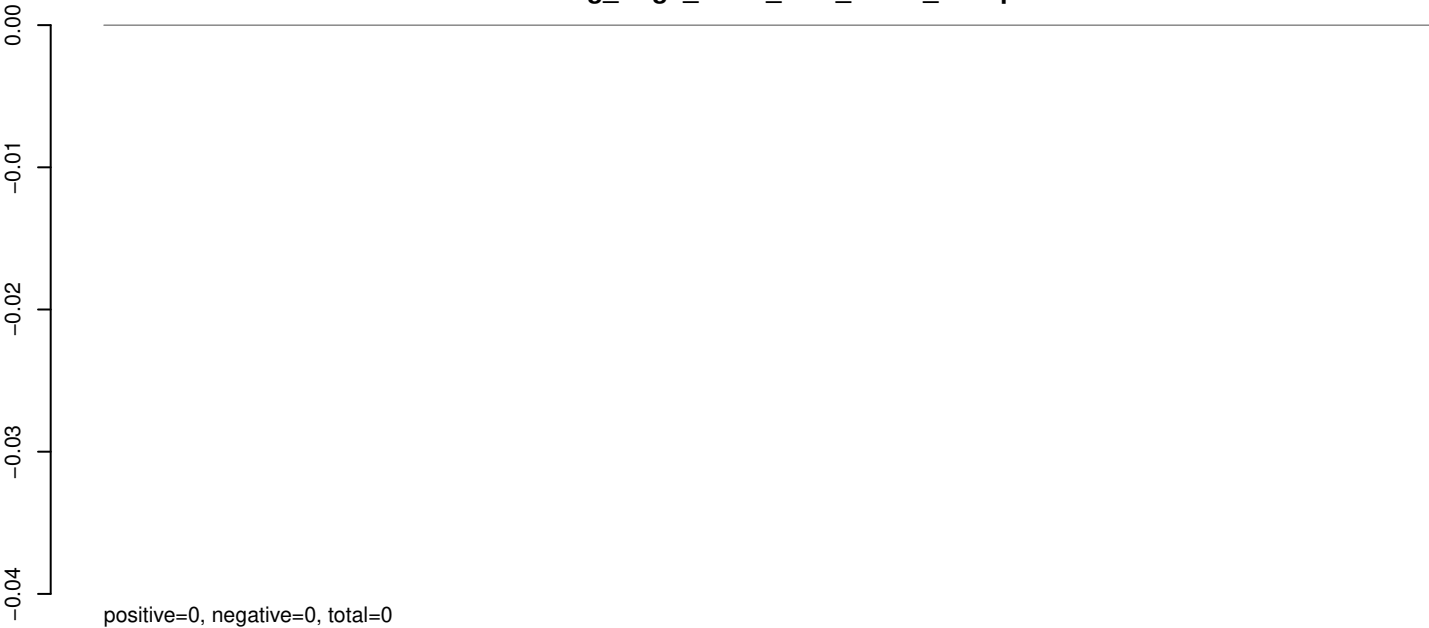
idow size=125, length=8819, viterbo@MF176325.1\_Aedes\_alboannulatus\_orthomyxo-like\_virus\_strain\_mosWSAb70818\_segment\_1\_2\_3\_4:1-8819

0 2000 4000 6000 8000

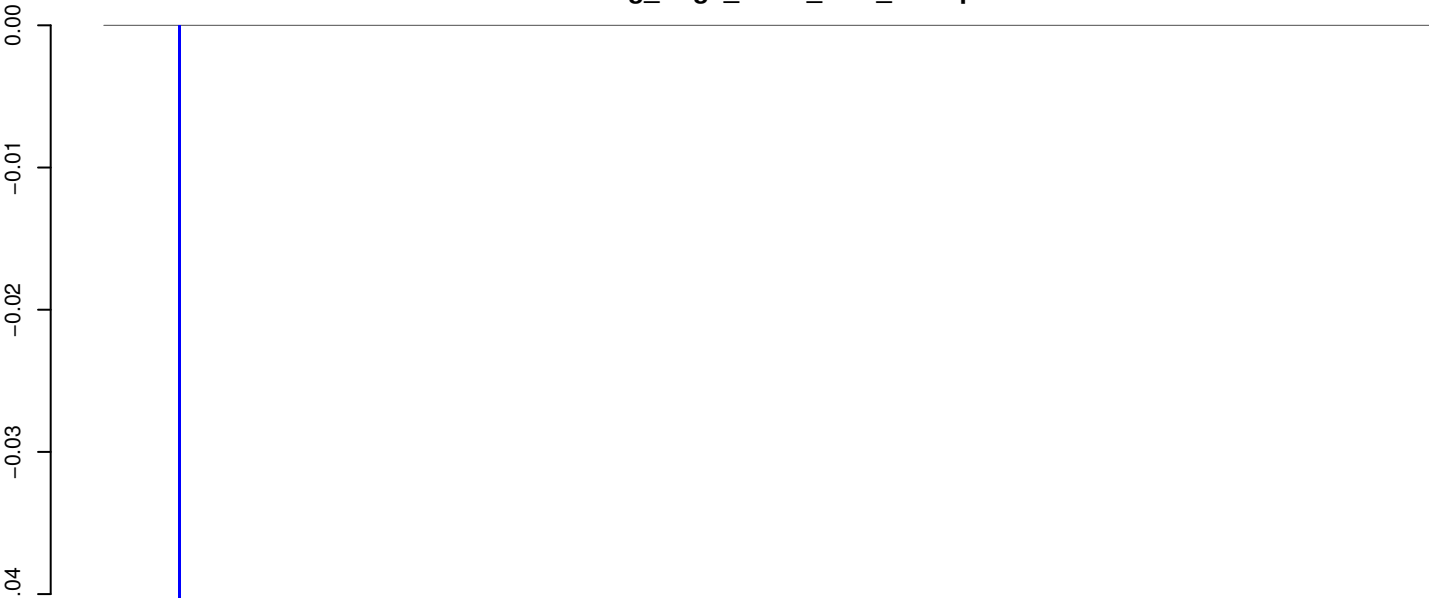
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



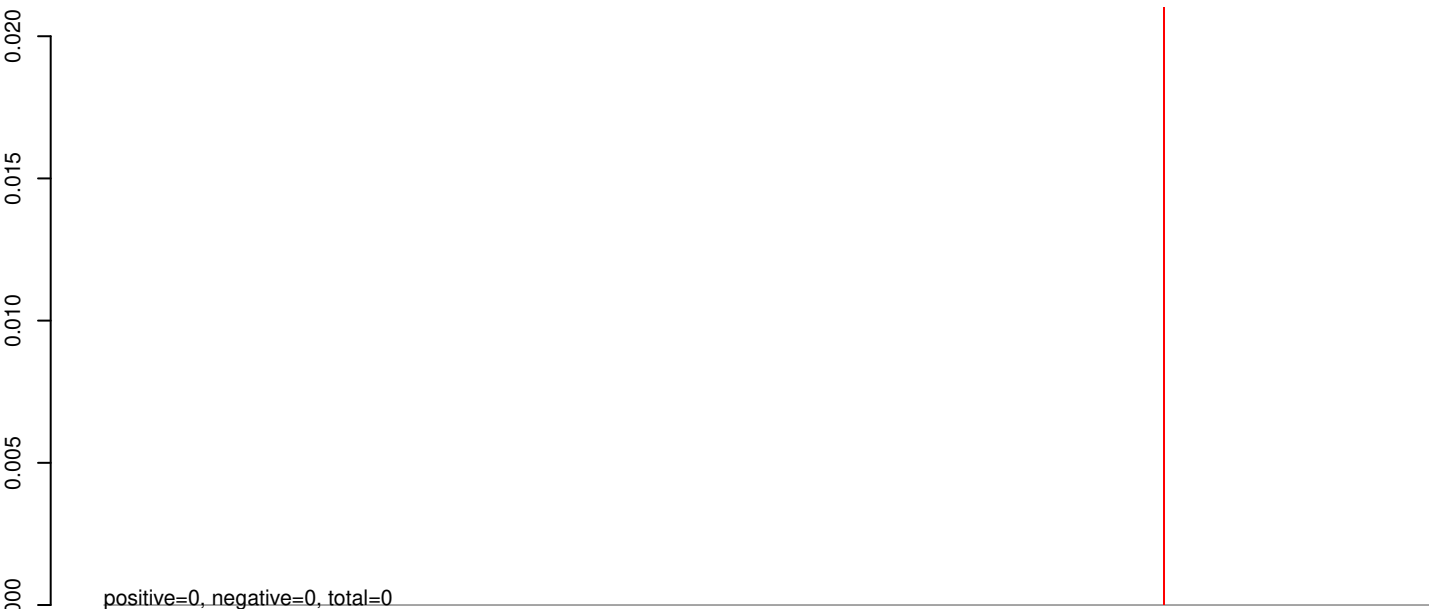
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



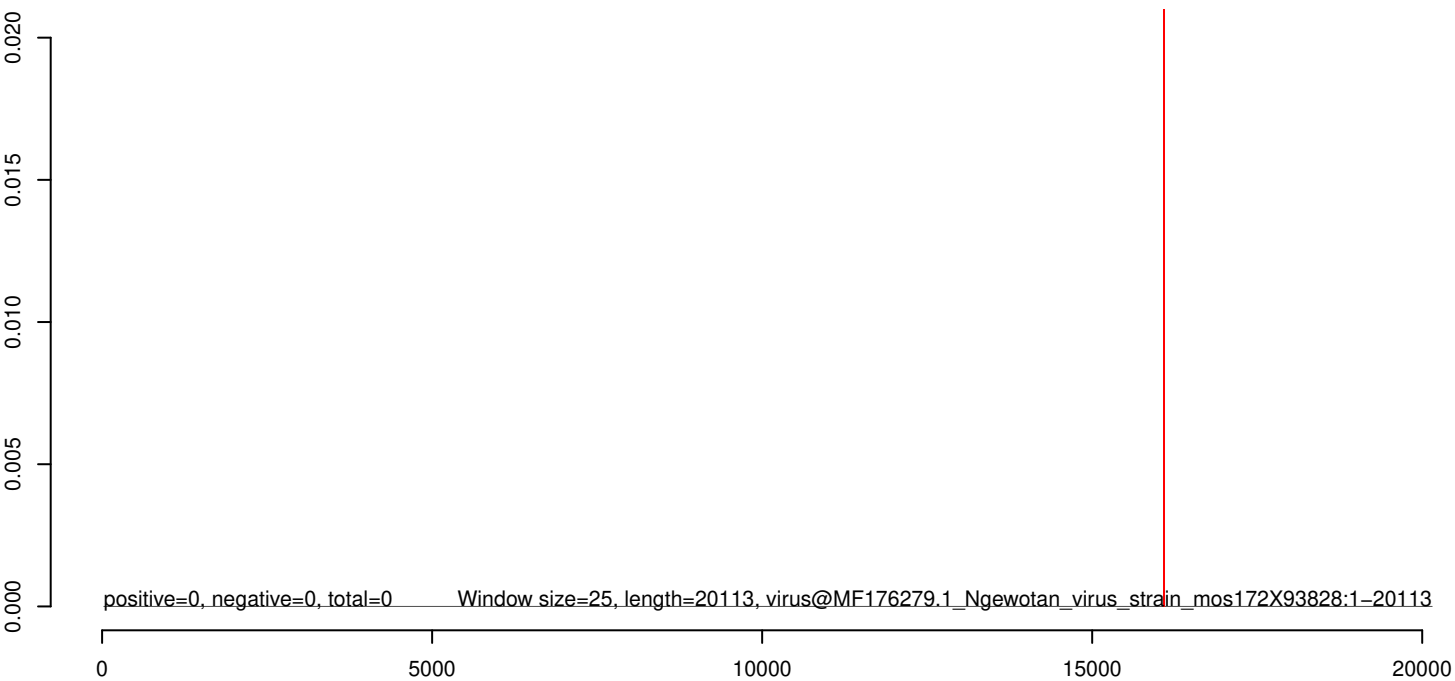
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



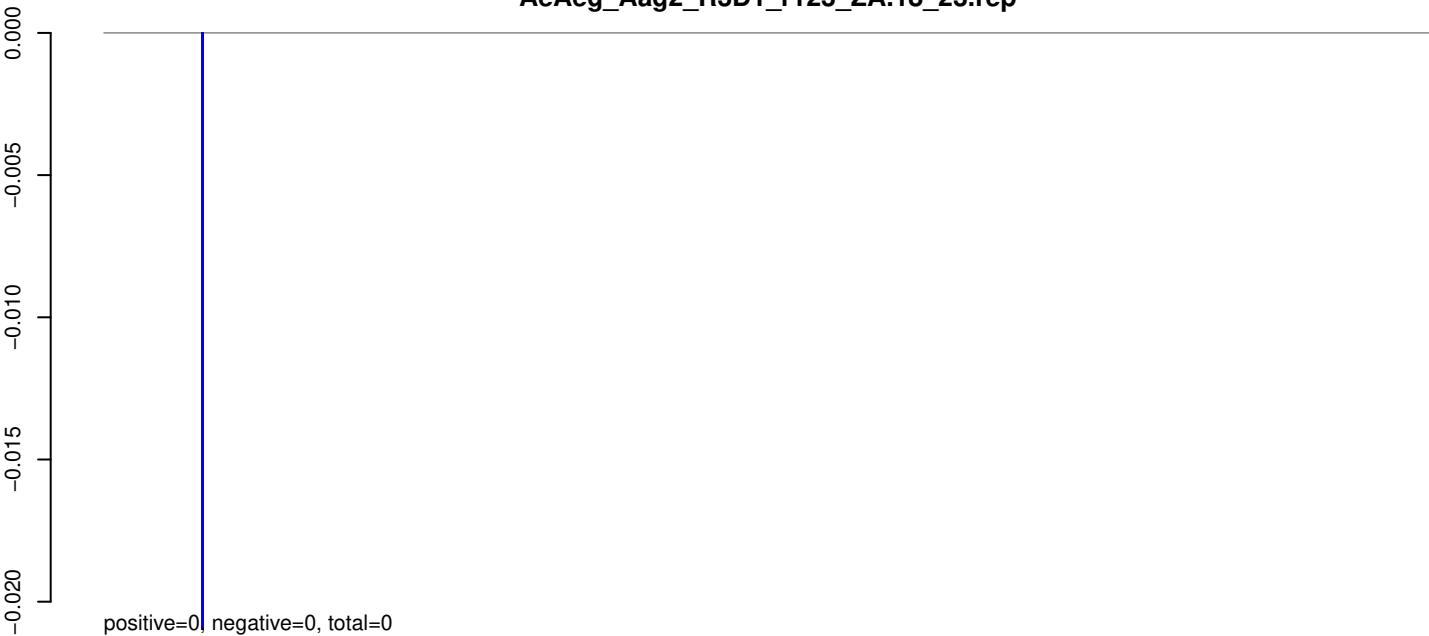
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



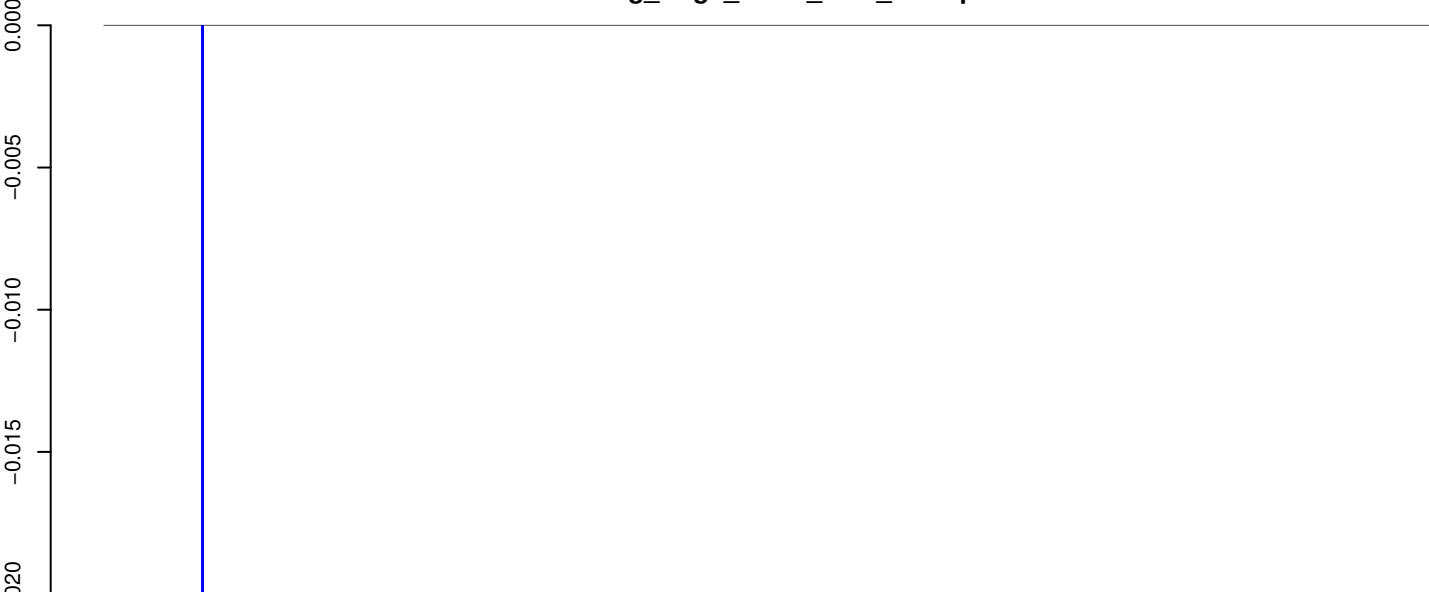
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

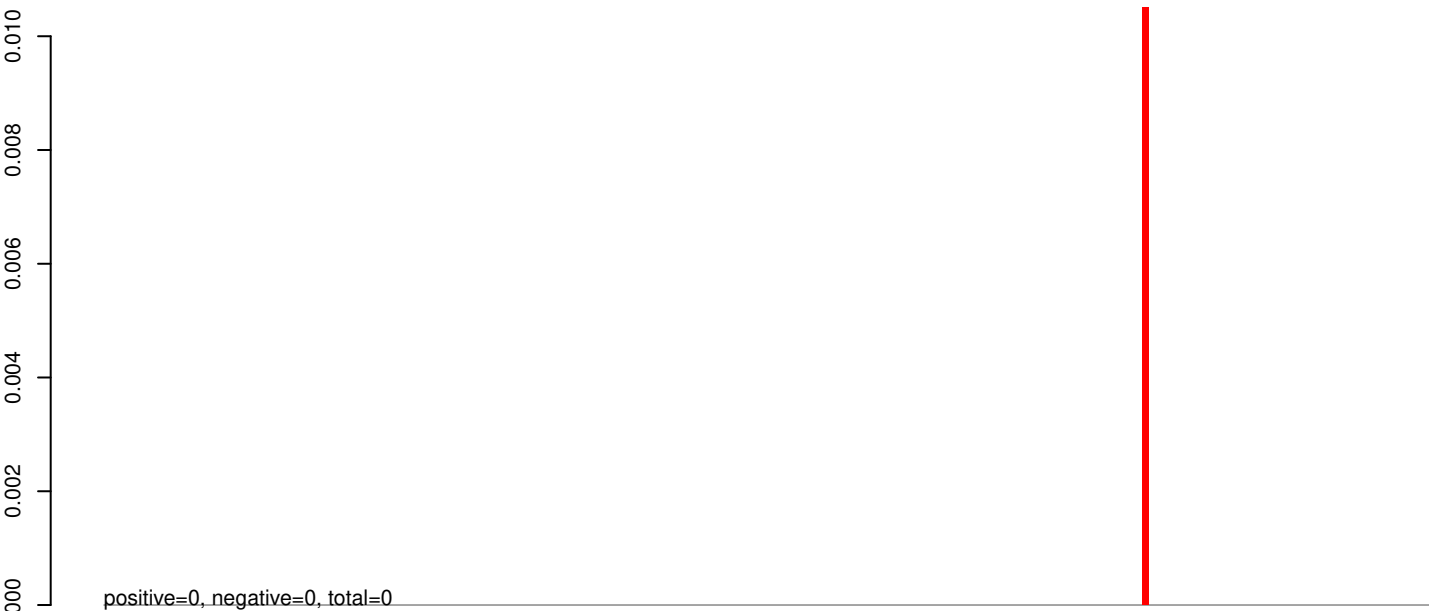


ze=25, size=12237, gene=1-12237, name=1-12237, path=1-12237, type=1-12237, version=1-12237, x=0, y=0.000, z=0.000

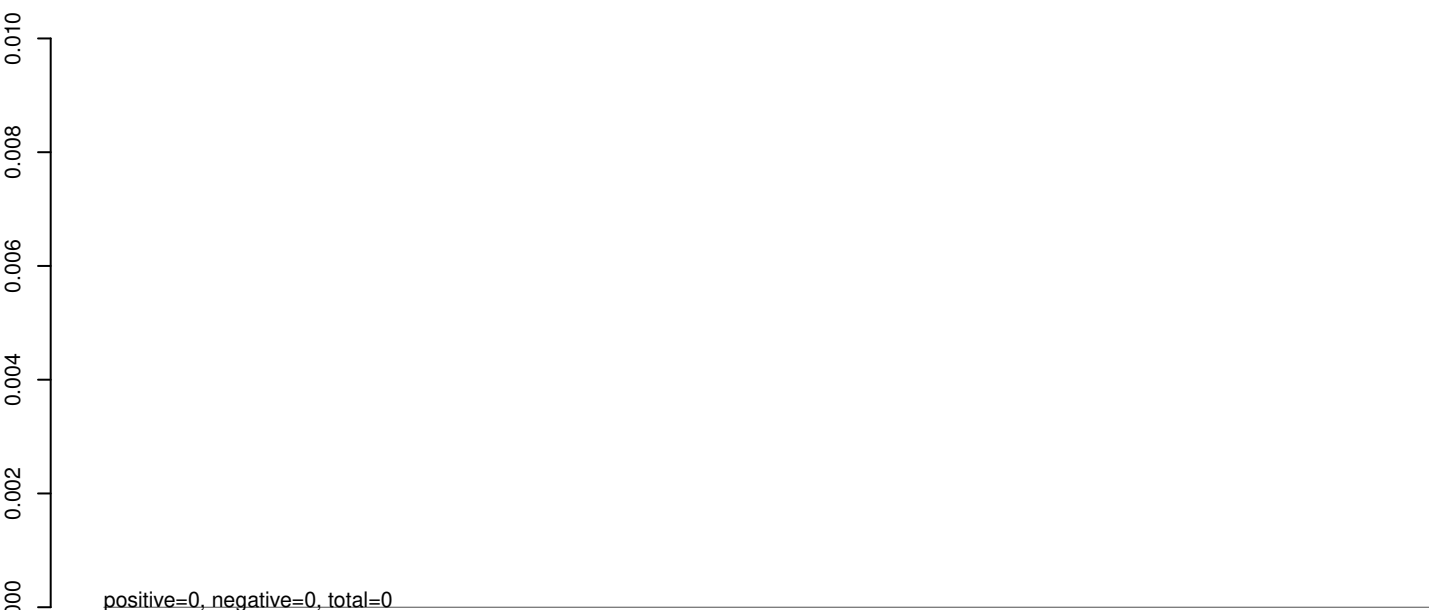
0 2000 4000 6000 8000 10000 12000



**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



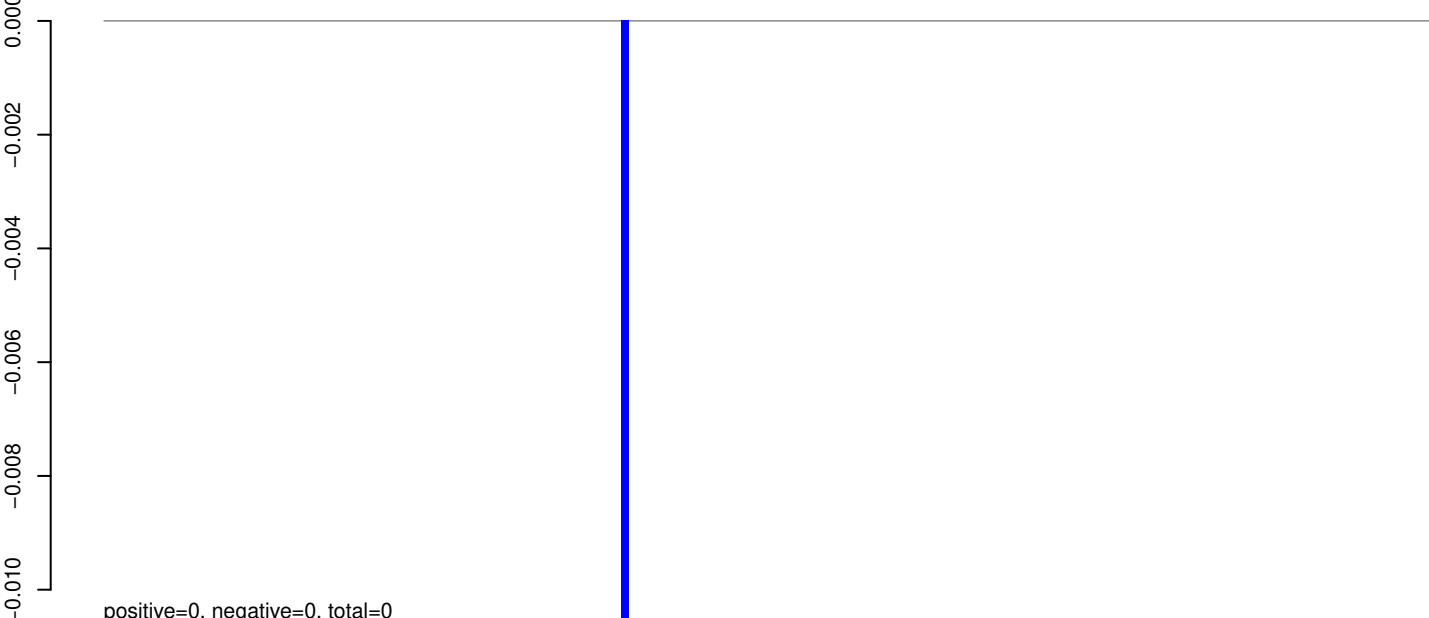
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



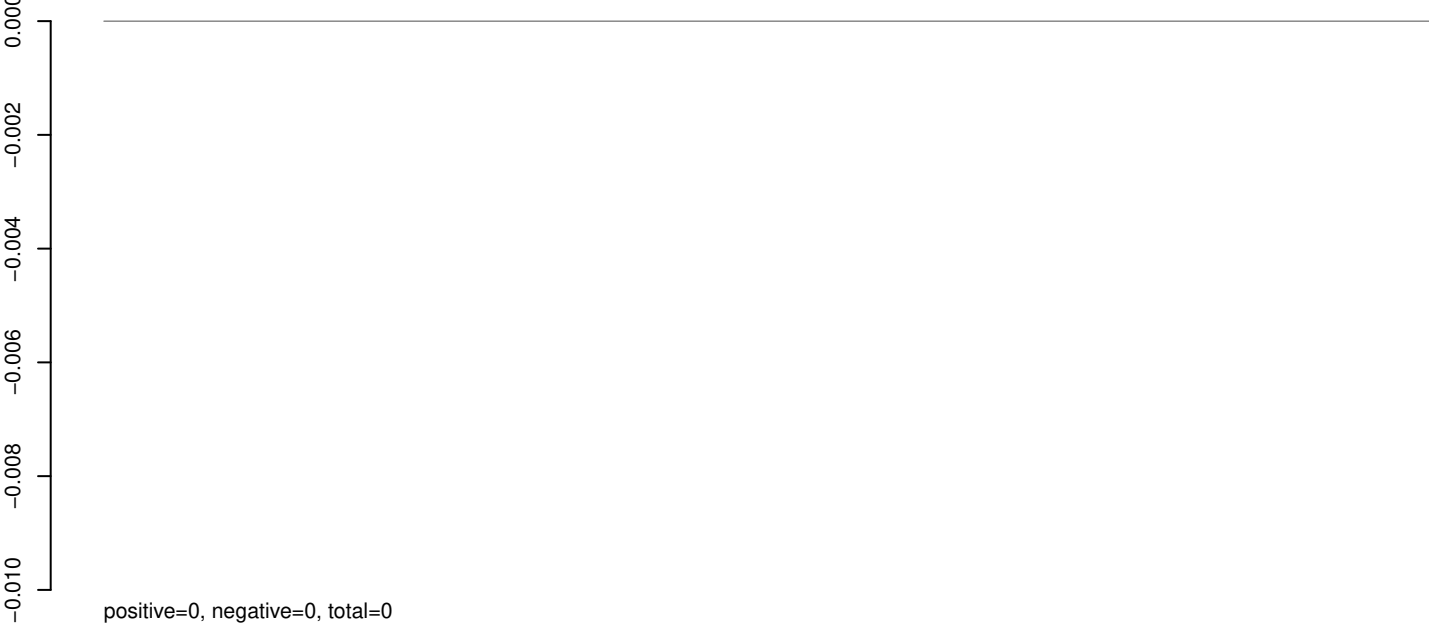
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



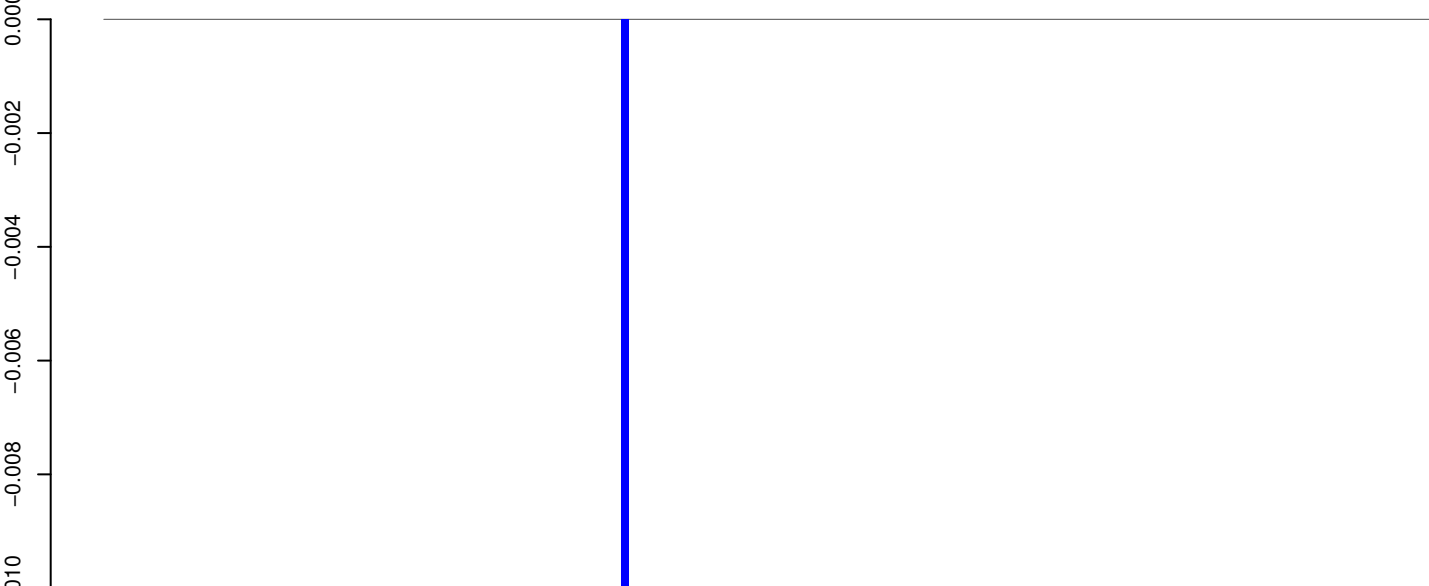
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



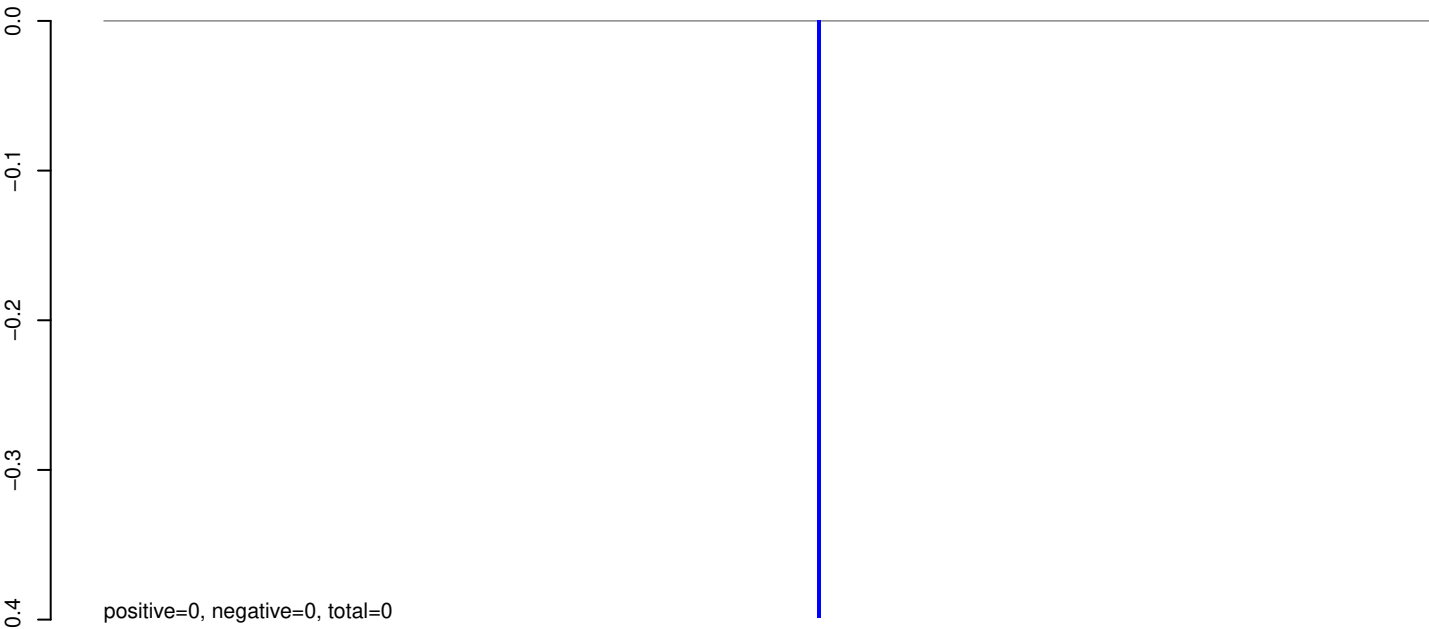
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



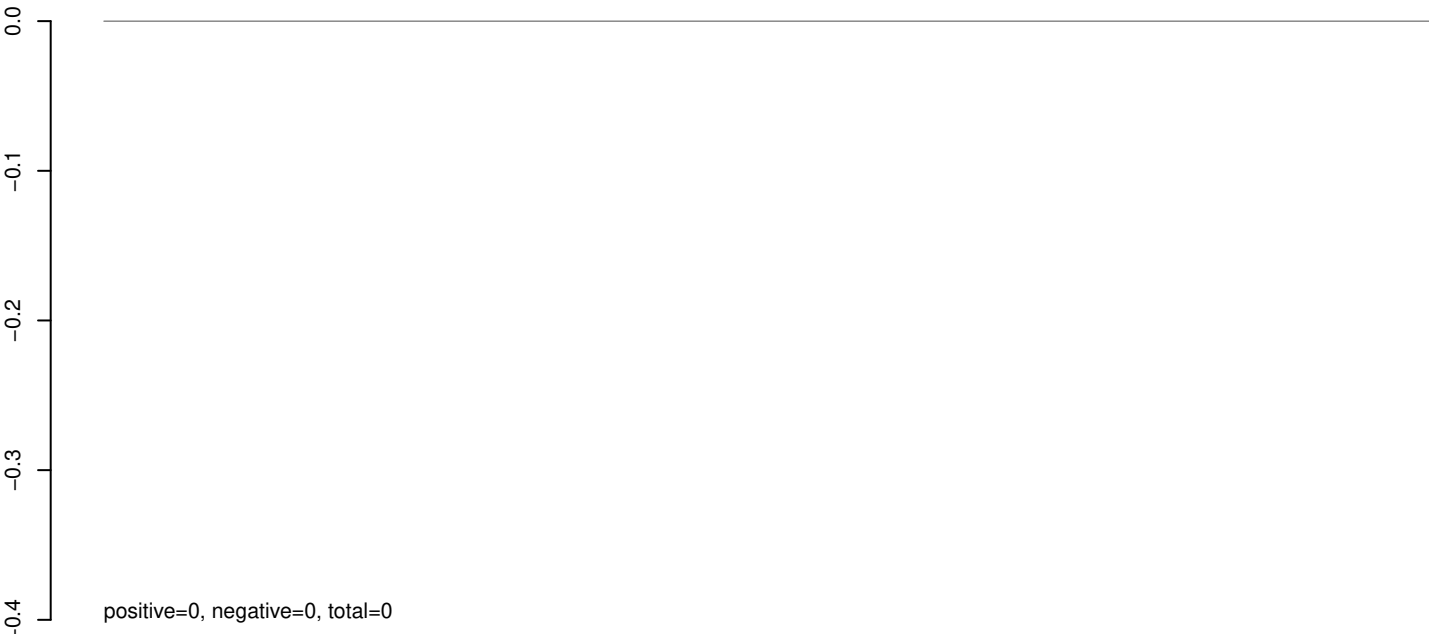
e=25, positive=0, negative=0, total=0  
K10890.1-Humaita-Tubiaca virus isolate\_Rio\_segment\_RNA-dependent\_RNA\_polymerase\_replicase:1-4402

0 1000 2000 3000 4000

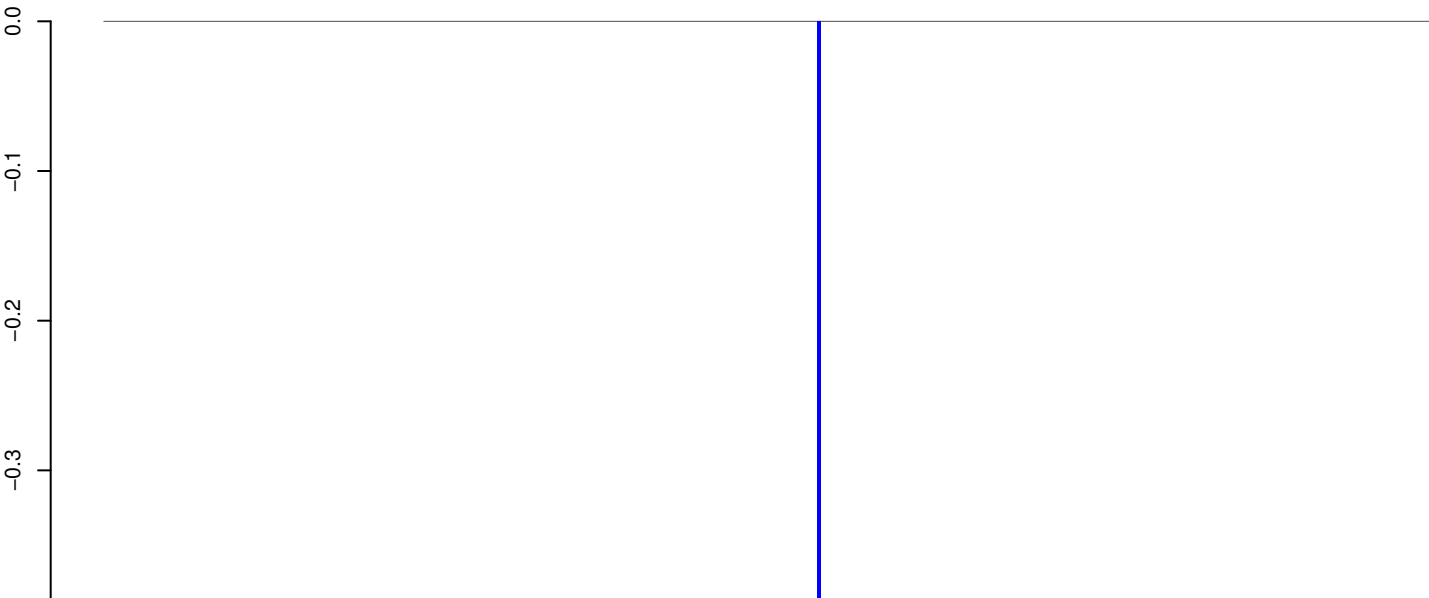
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



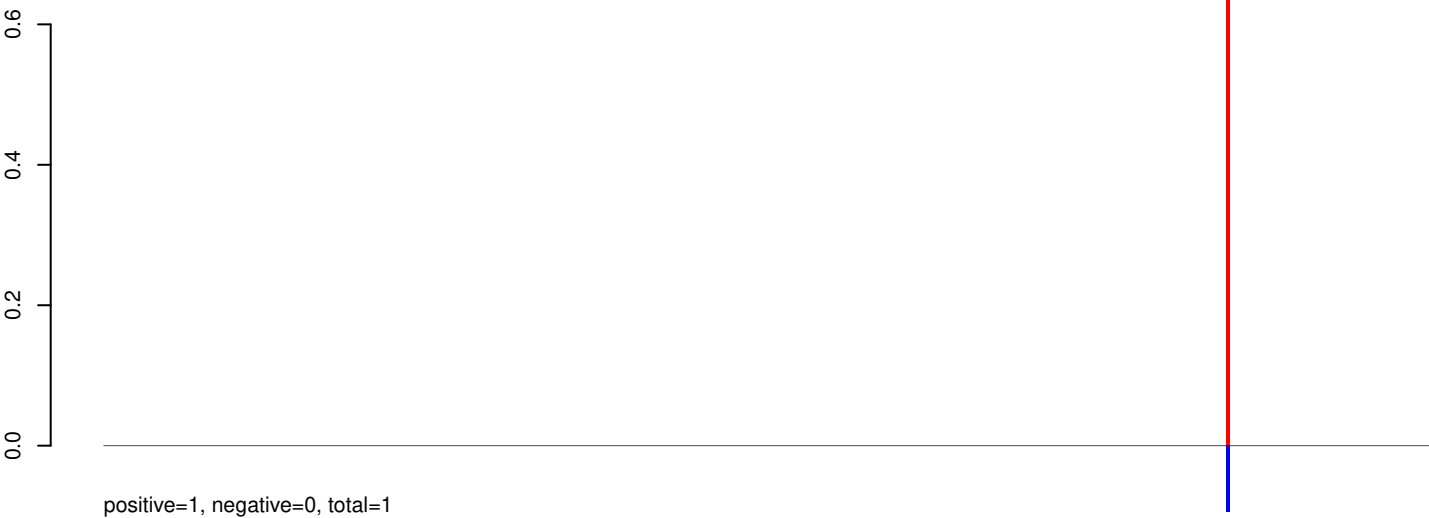
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



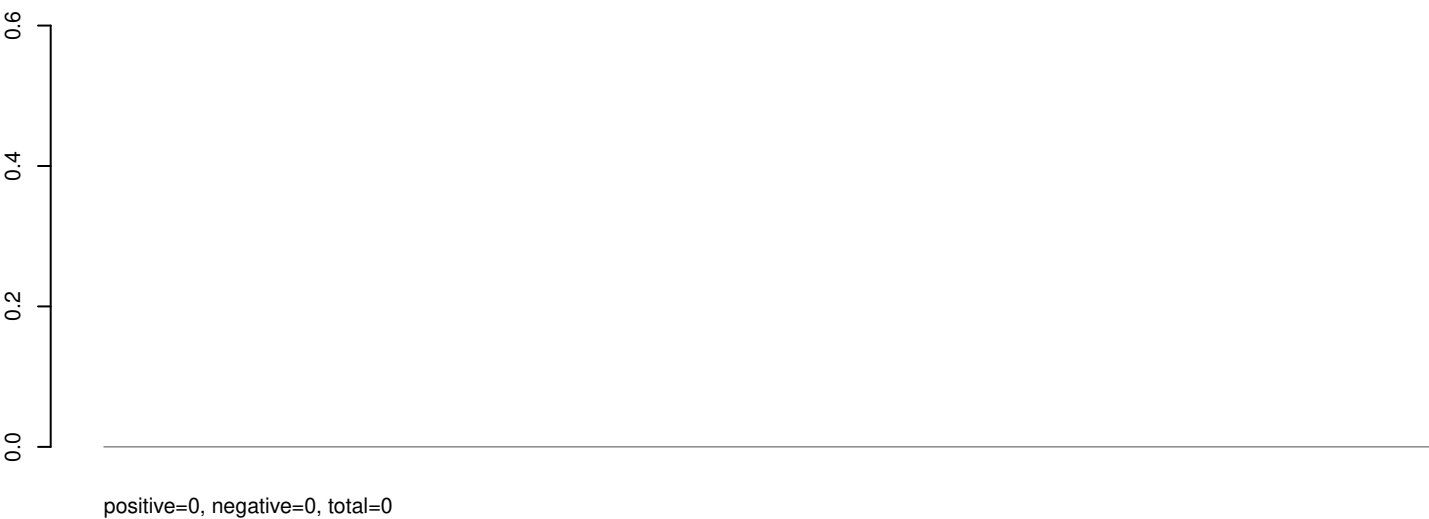
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



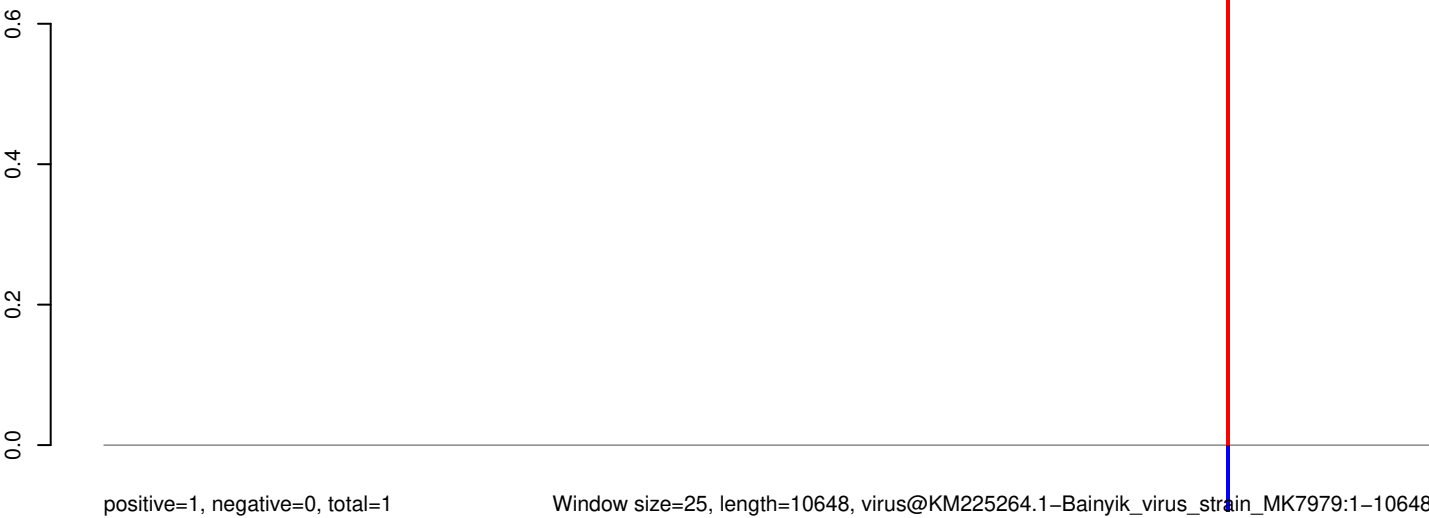
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



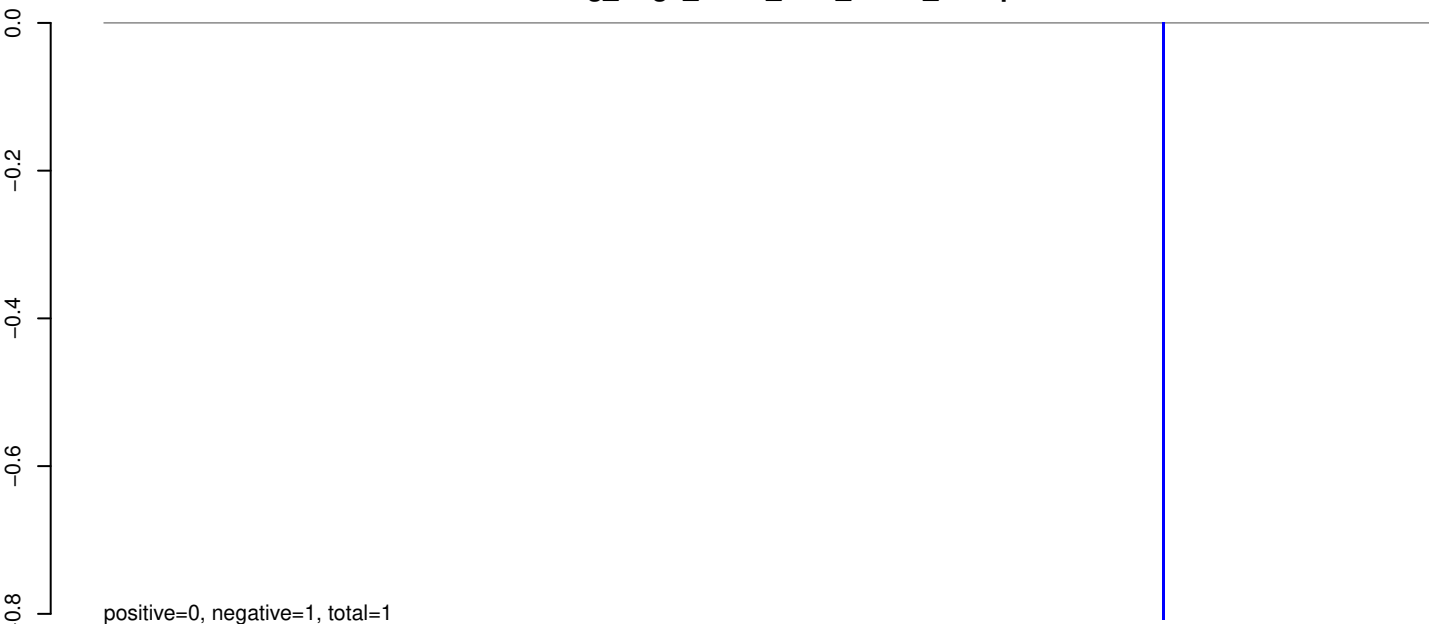
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



Window size=25, length=10648, virus@KM225264.1-Bainyik\_virus\_strain\_MK7979:1-10648

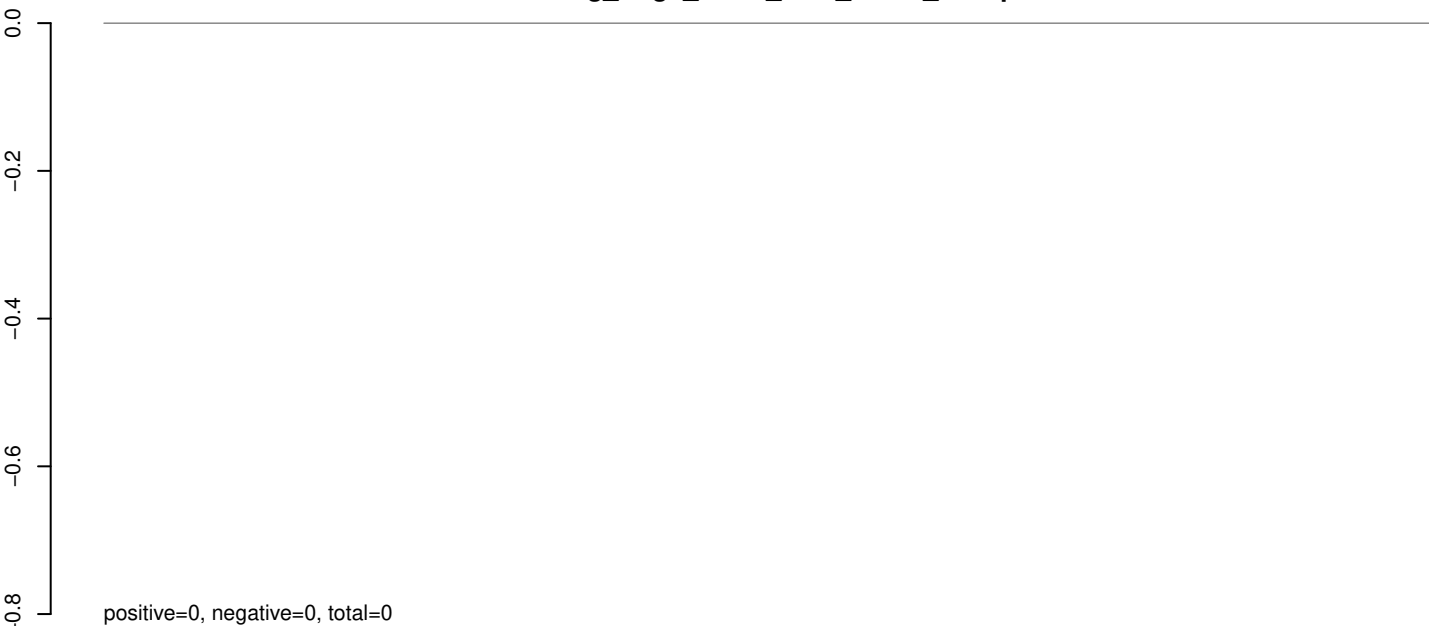
0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



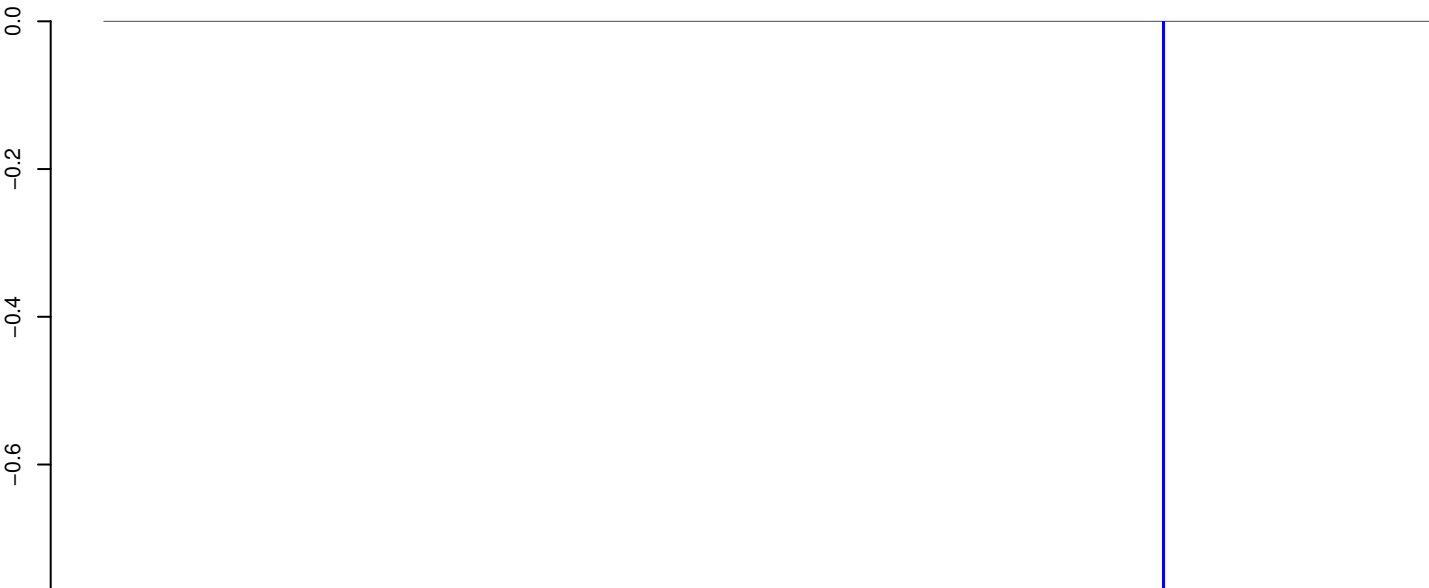
positive=0, negative=1, total=1

**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



positive=0, negative=0, total=0

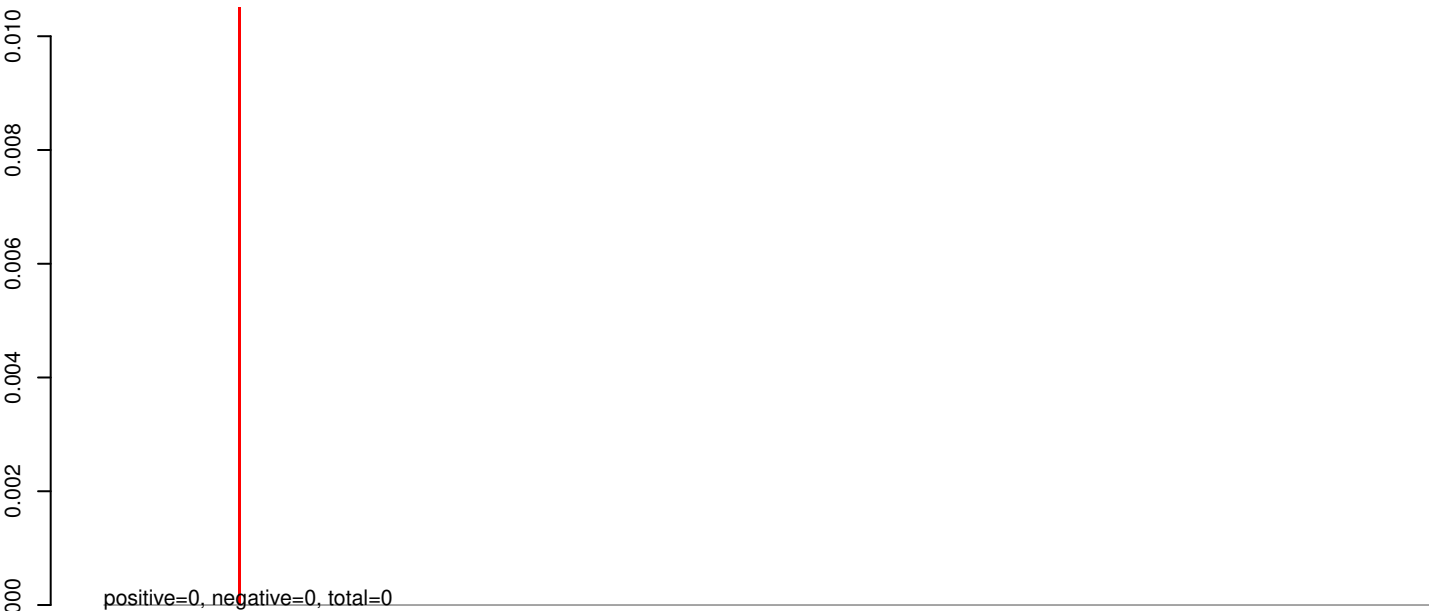
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



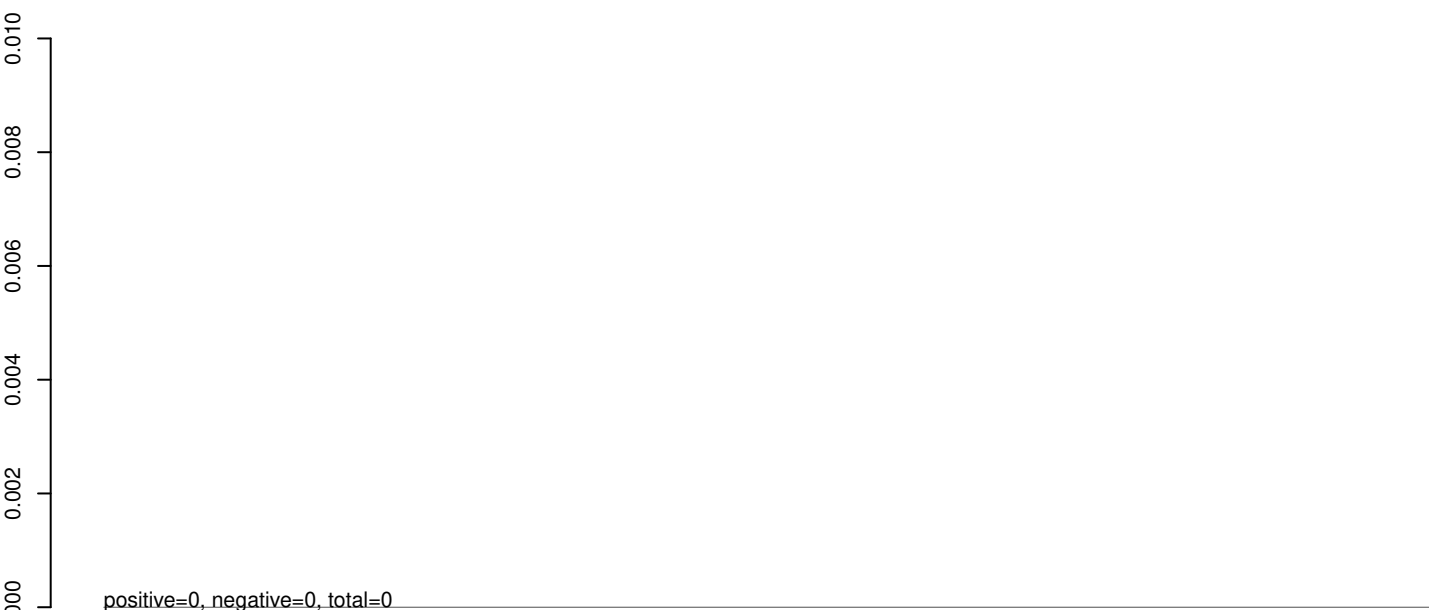
Window size=25, range=1,2297, Virus@KC608151.1-Ilesha\_virus\_strain\_ILESHA\_8e\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12297

0 2000 4000 6000 8000 10000 12000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



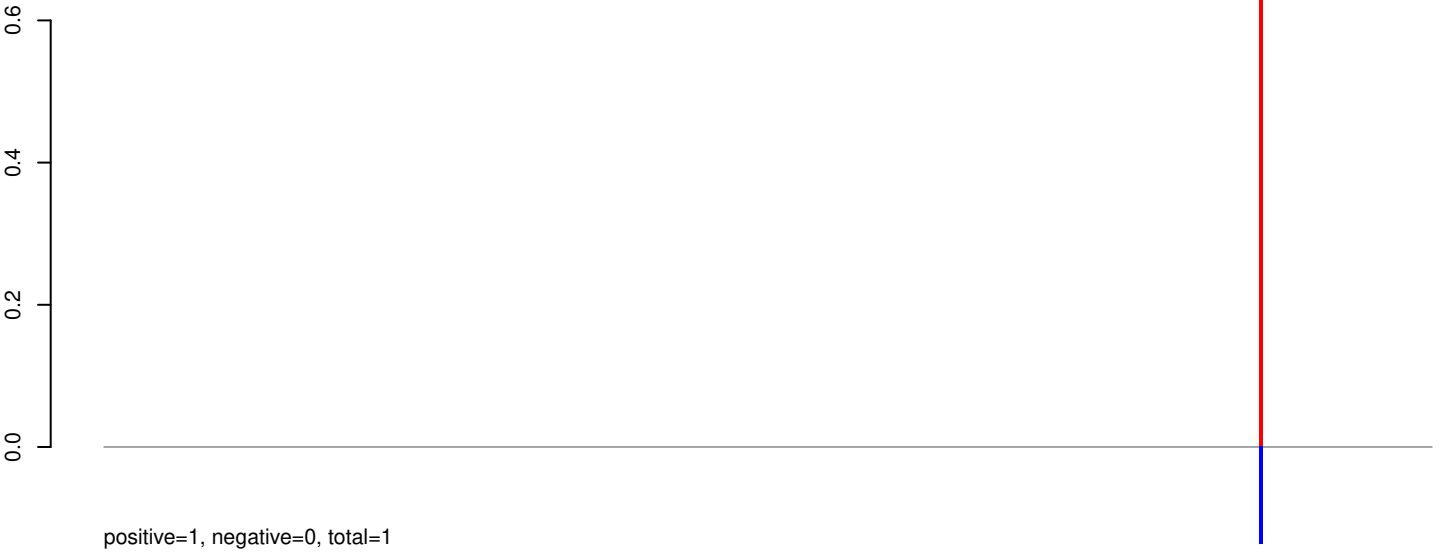
**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



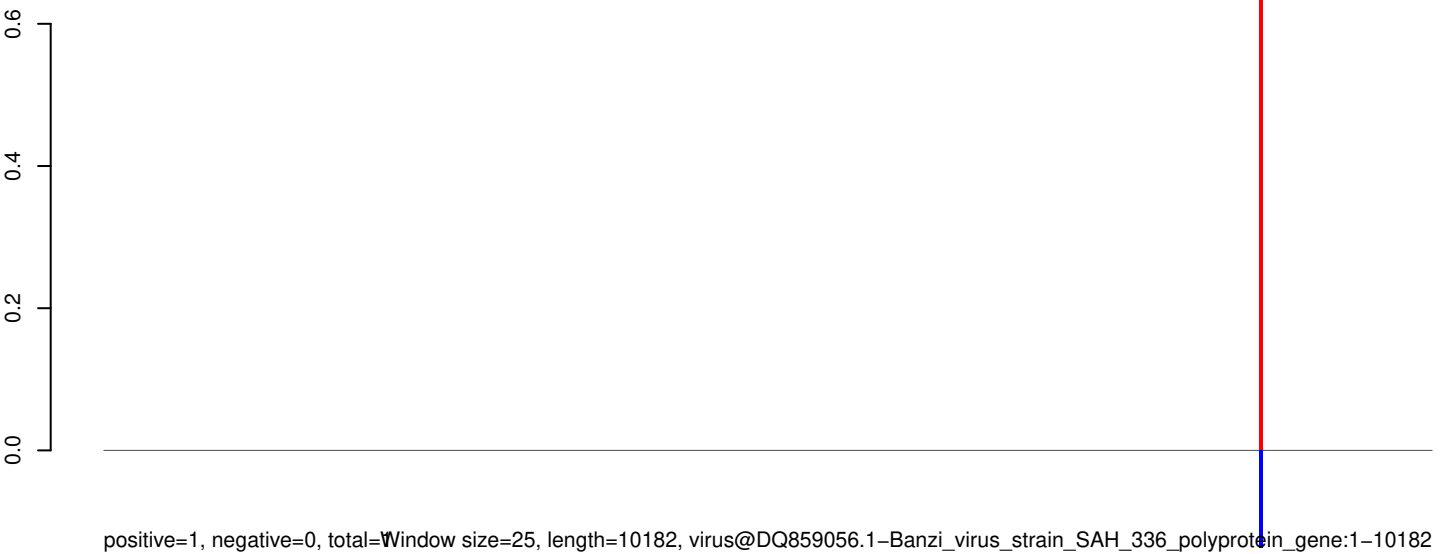
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



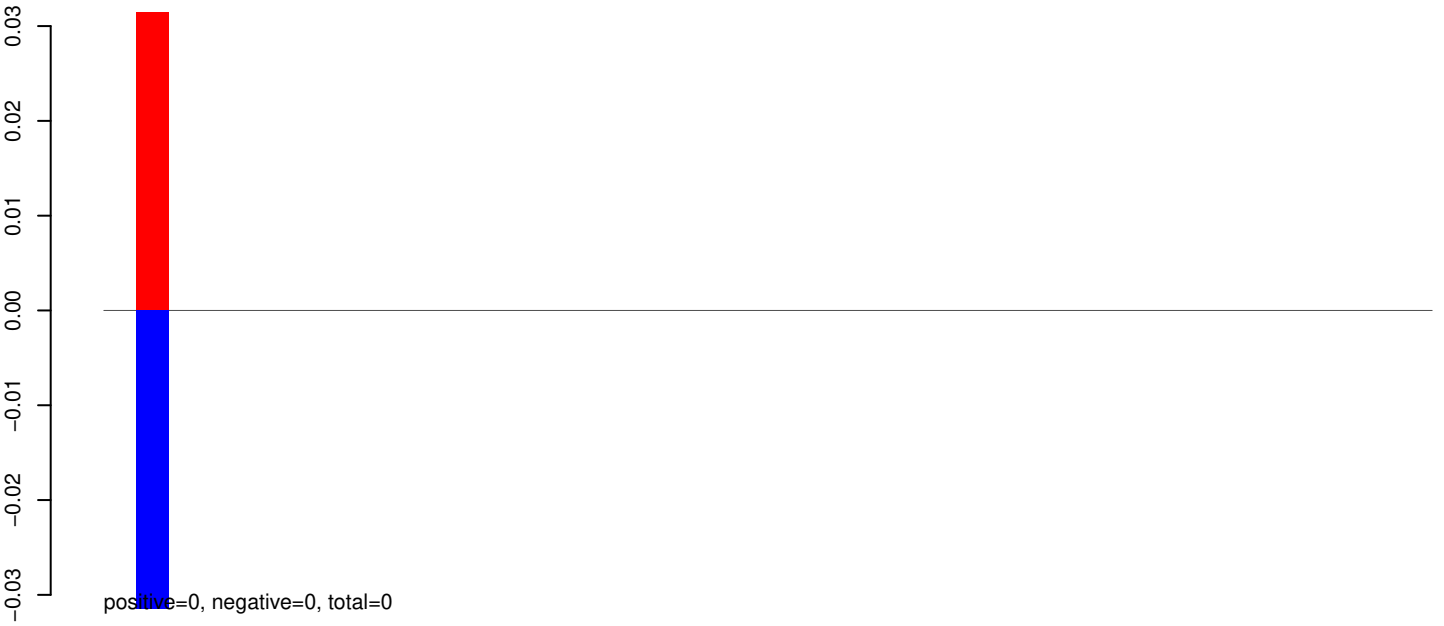
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



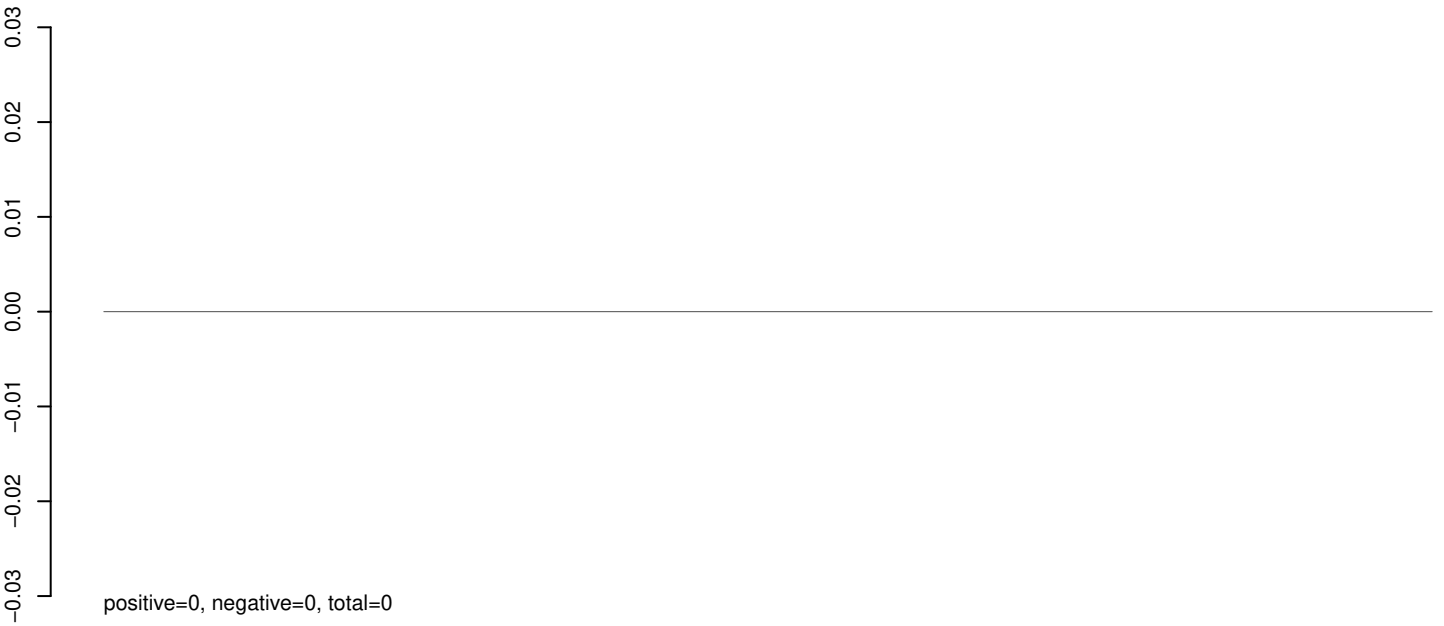
Window size=25, length=10182, virus@DQ859056.1-Banzi\_virus\_strain\_SAH\_336\_polyprotein\_gene:1-10182

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



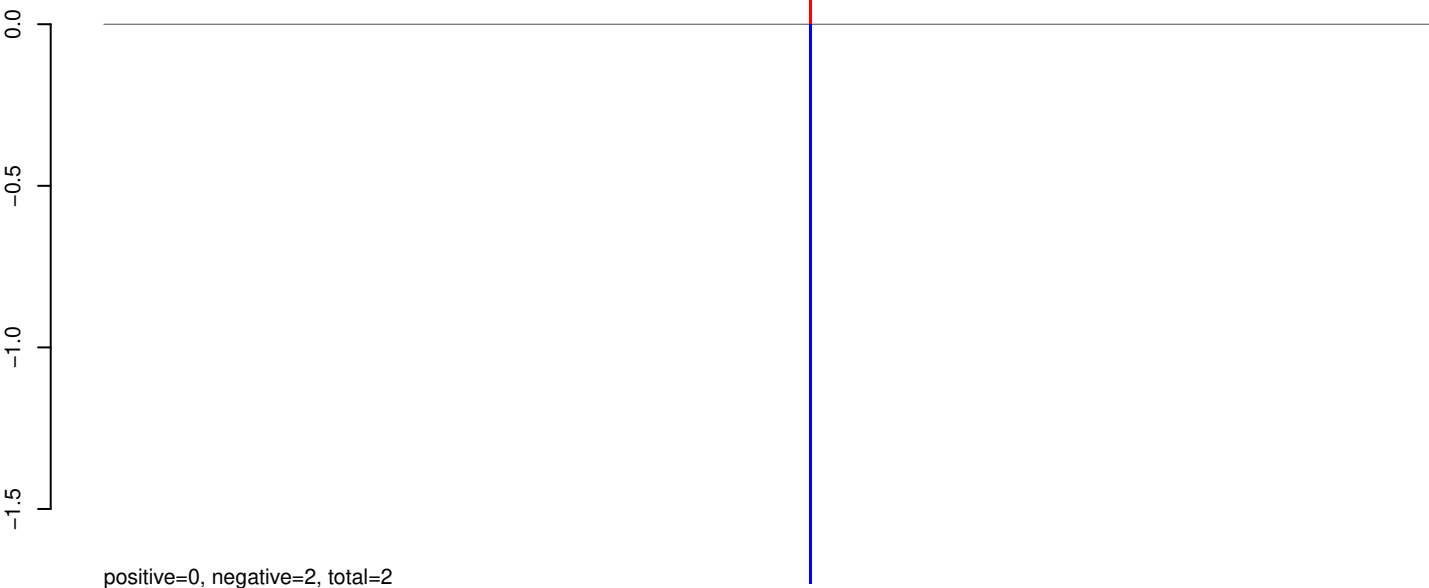
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



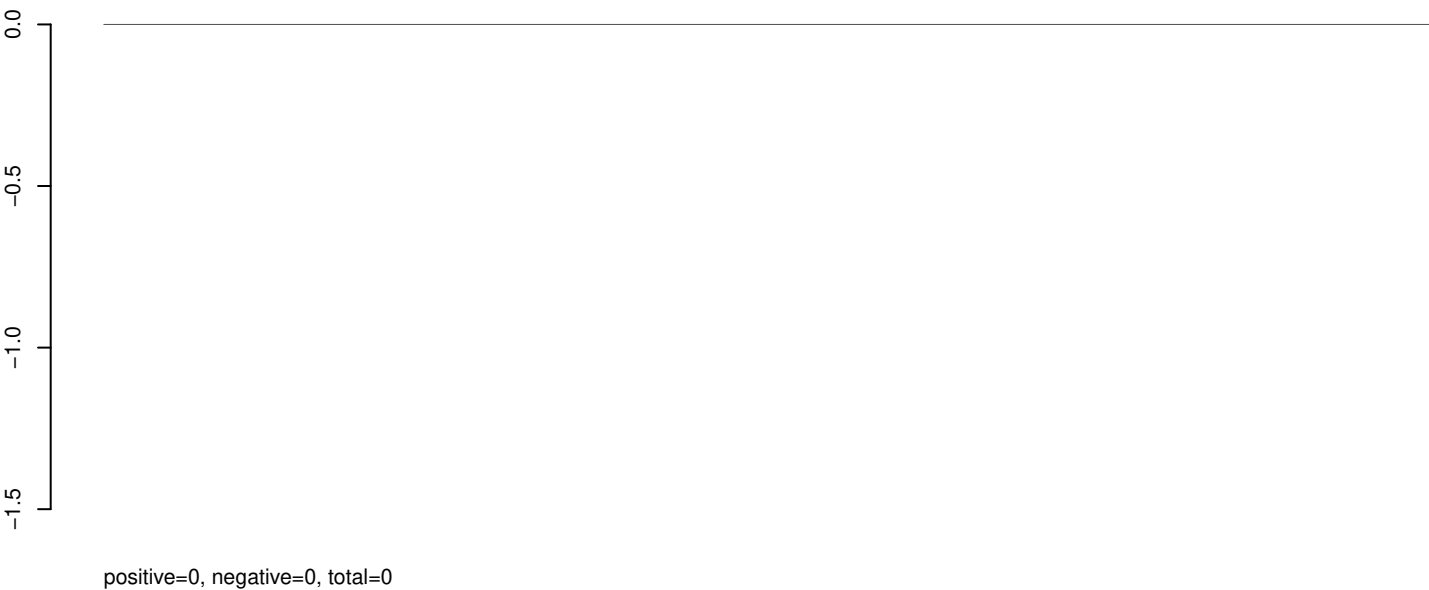
0 200 400 600 800 1000



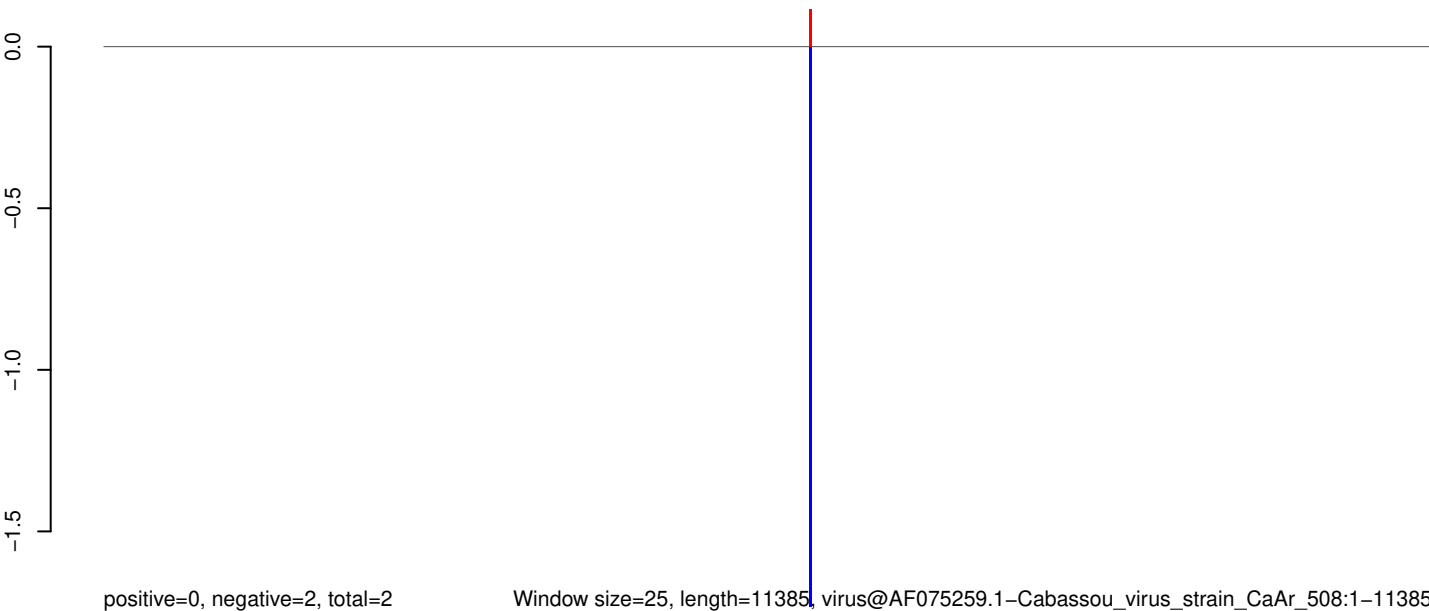
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



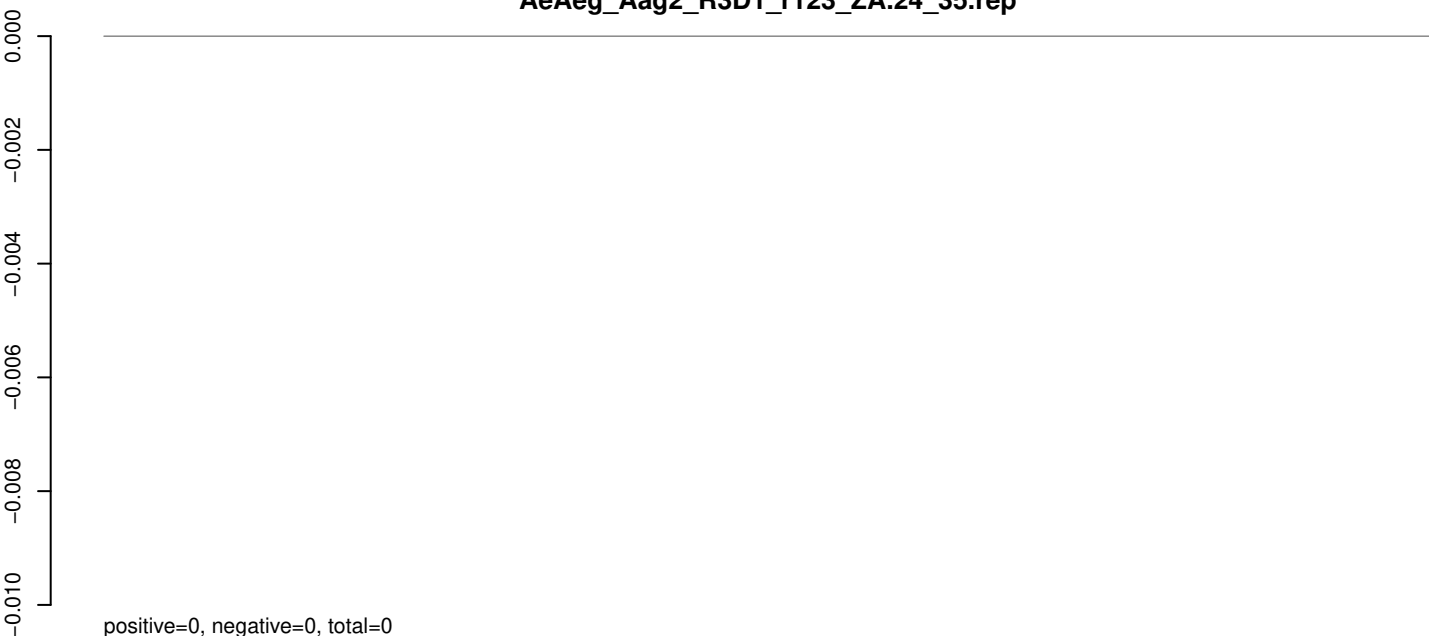
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



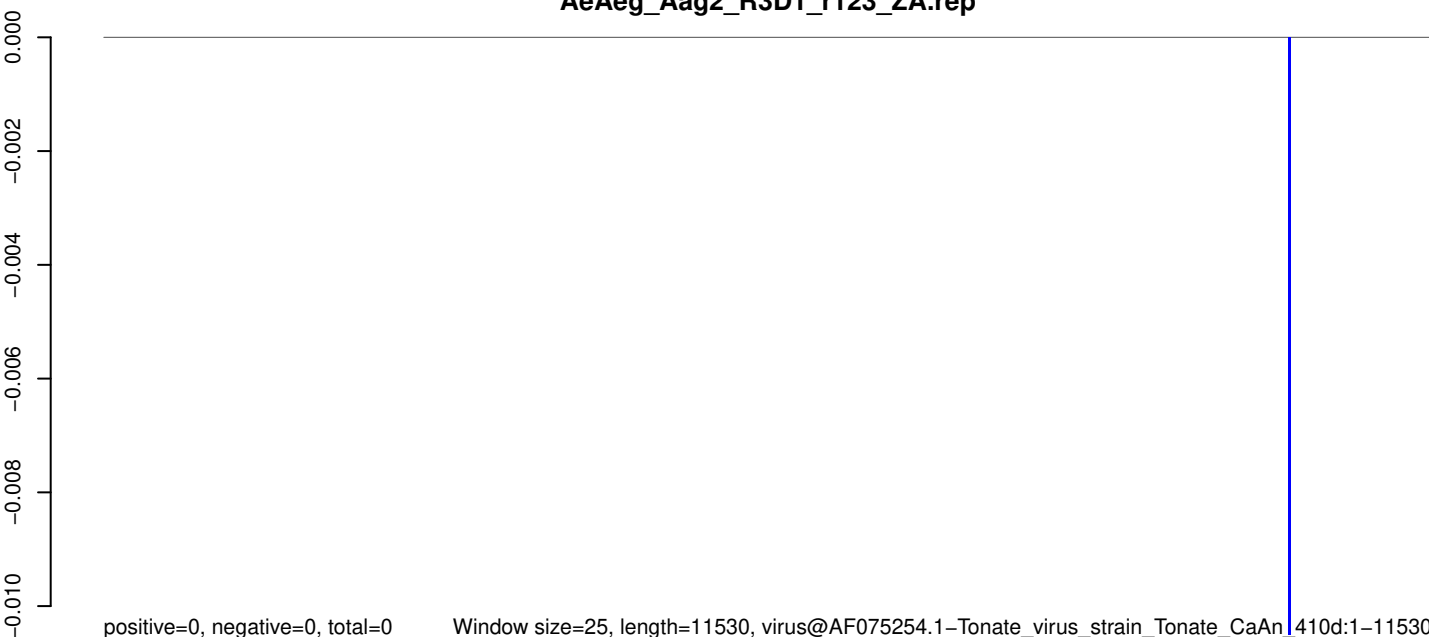
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



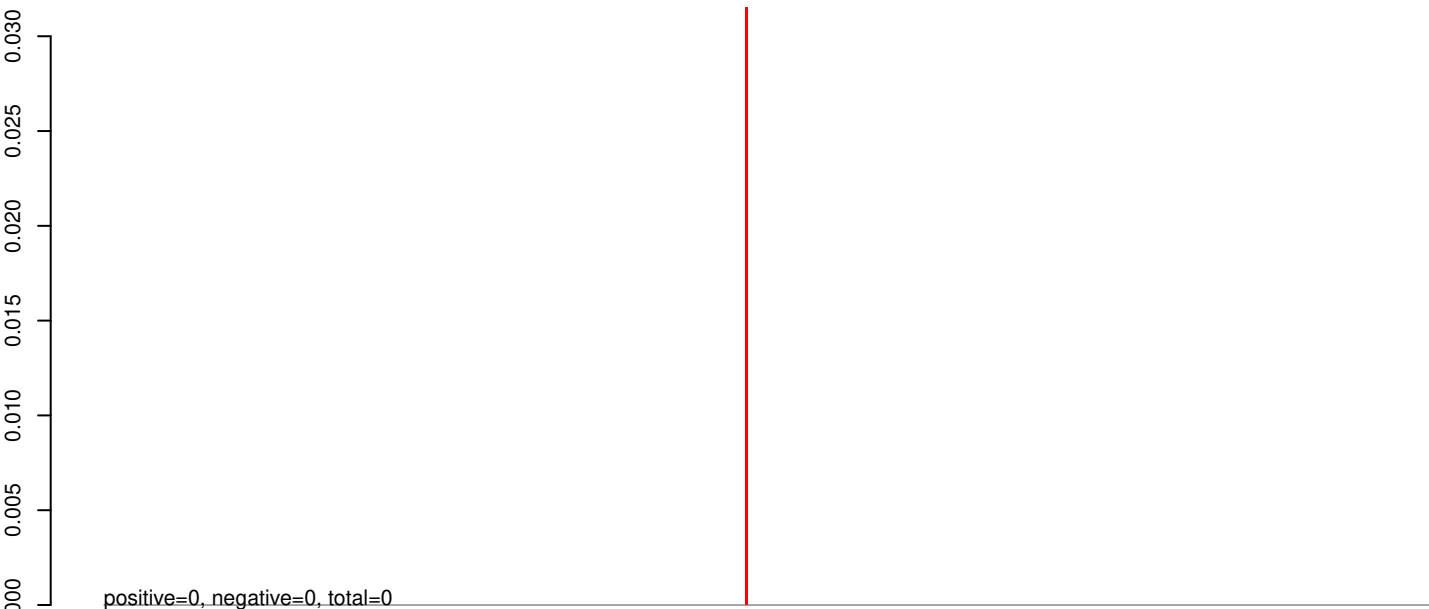
**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



Window size=25, length=11530, virus@AF075254.1-Tonate\_virus\_strain\_Tonate\_CaAn\_410d:1-11530

0 2000 4000 6000 8000 10000 12000

**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

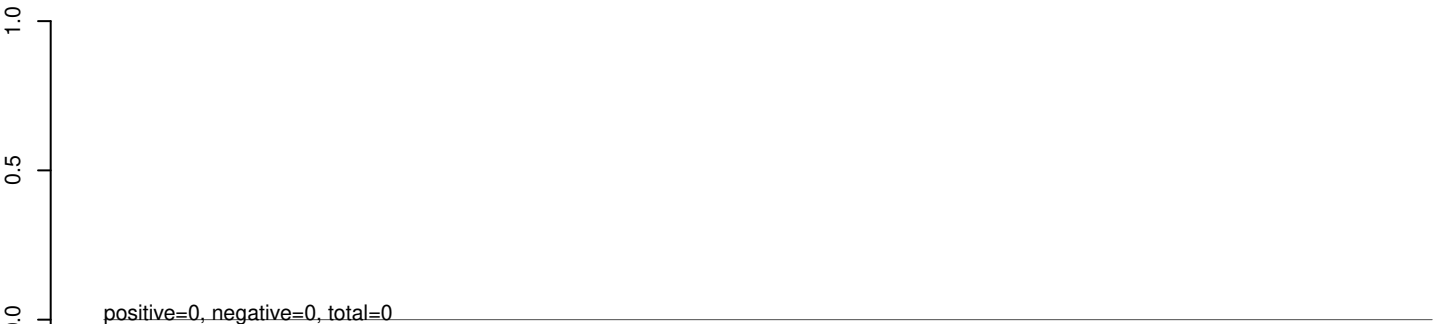


0 2000 4000 6000 8000 10000

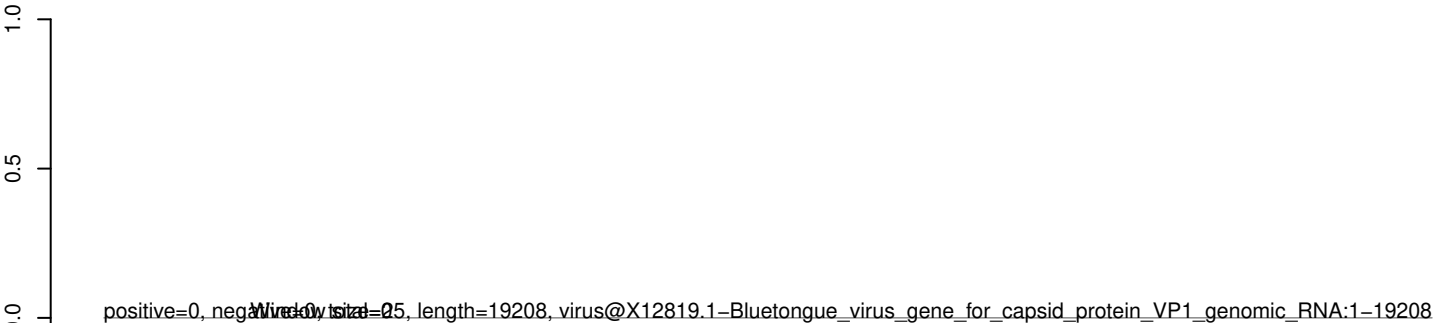
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



0 5000 10000 15000 20000

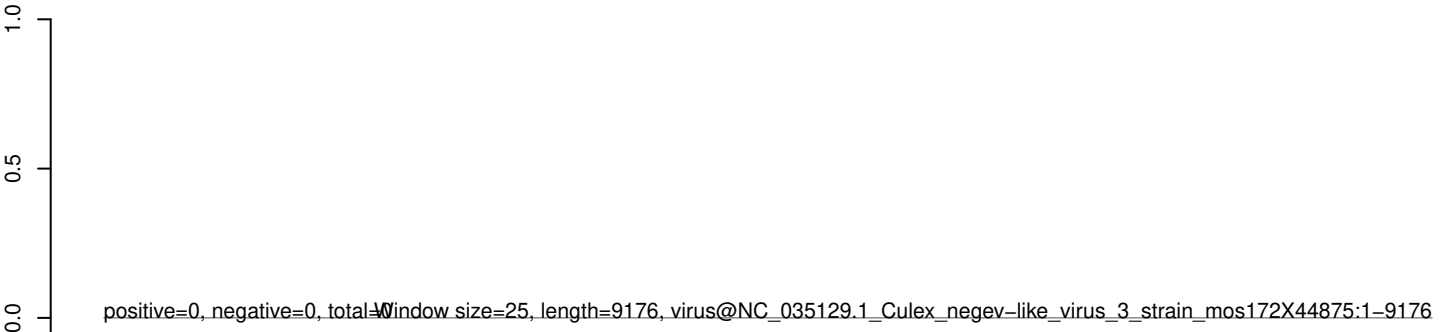
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



0 2000 4000 6000 8000

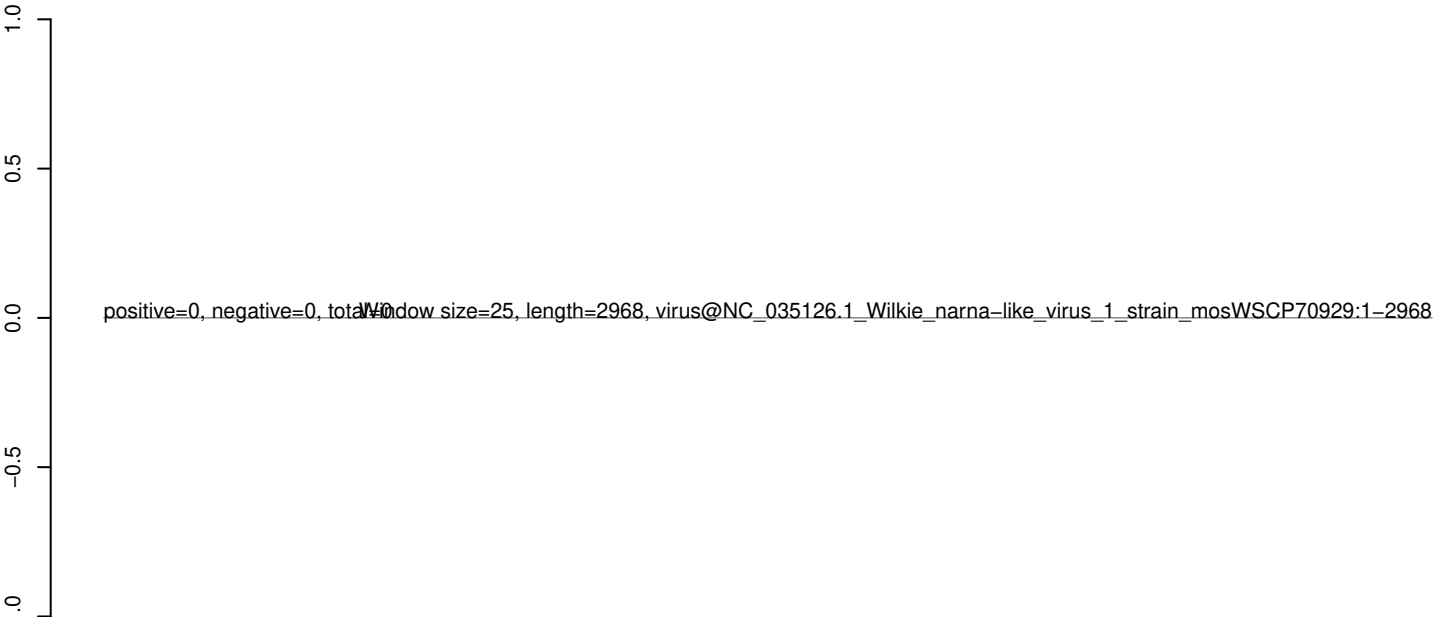
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**

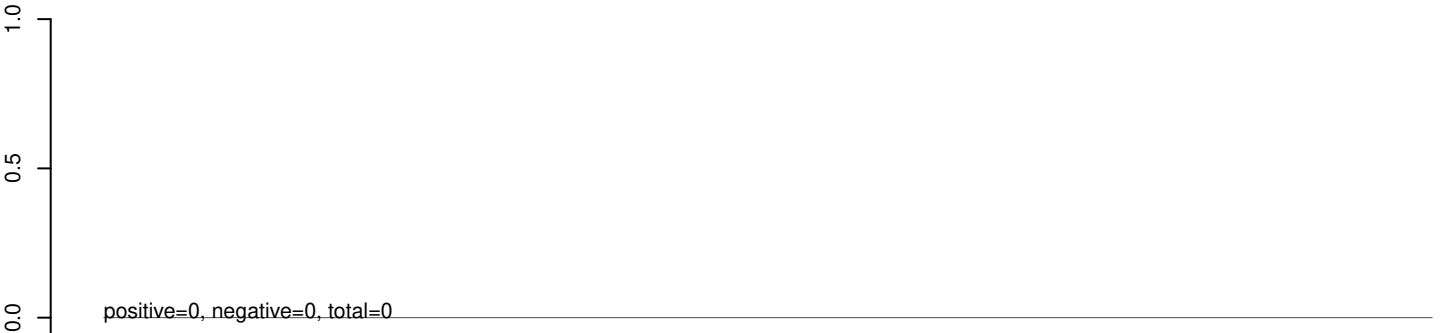


0 500 1000 1500 2000 2500 3000

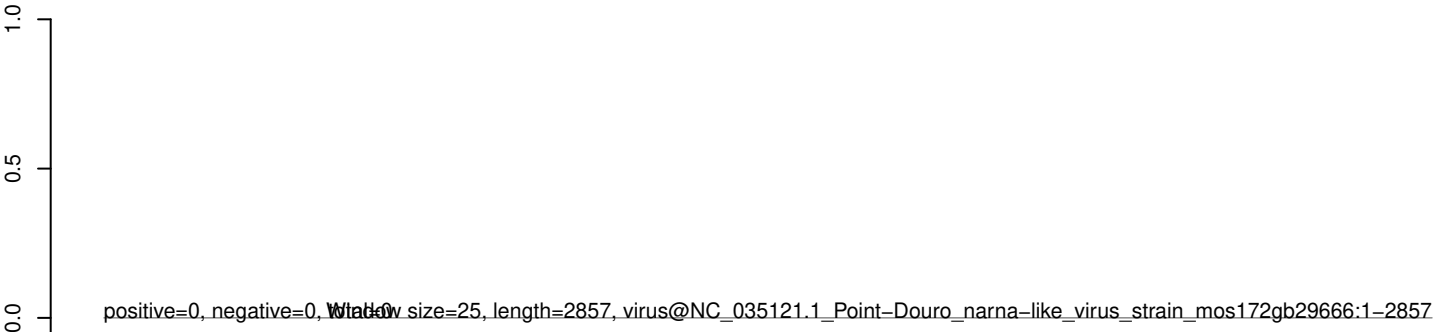
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**



0 500 1000 1500 2000 2500 3000

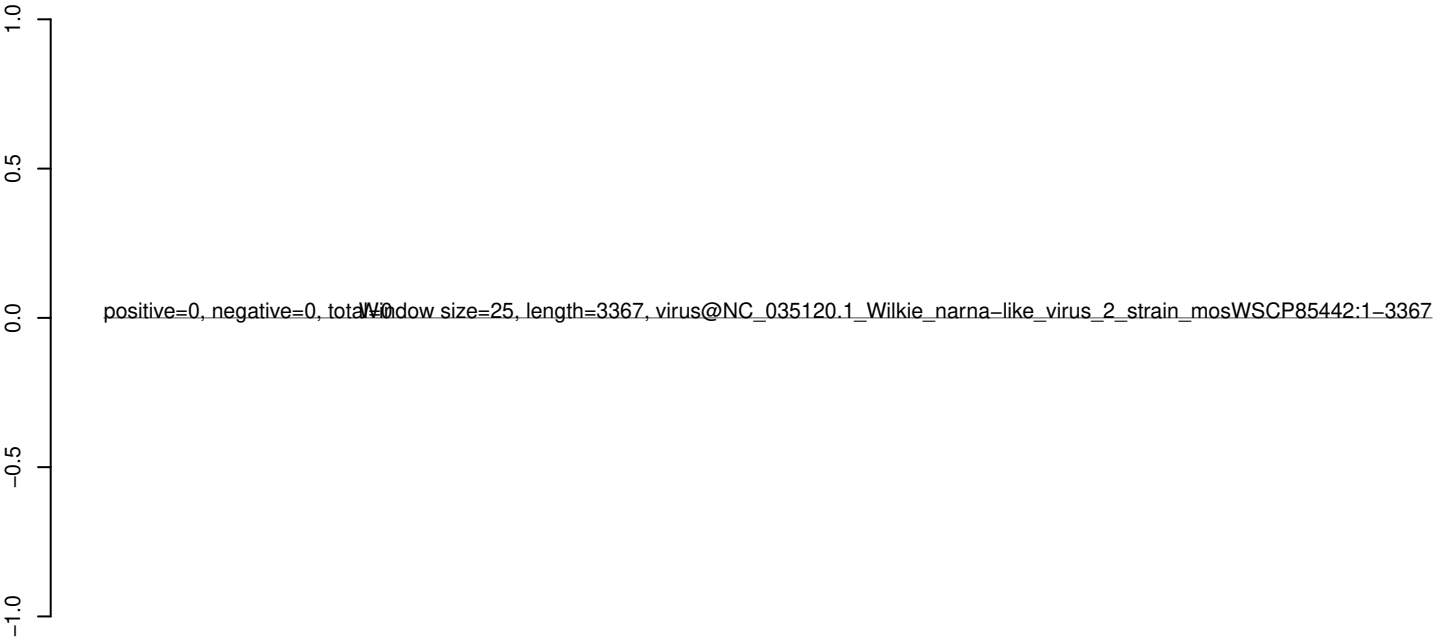
**AeAeg\_Aag2\_R3D1\_r123\_ZA.18\_23.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.24\_35.rep**



**AeAeg\_Aag2\_R3D1\_r123\_ZA.rep**





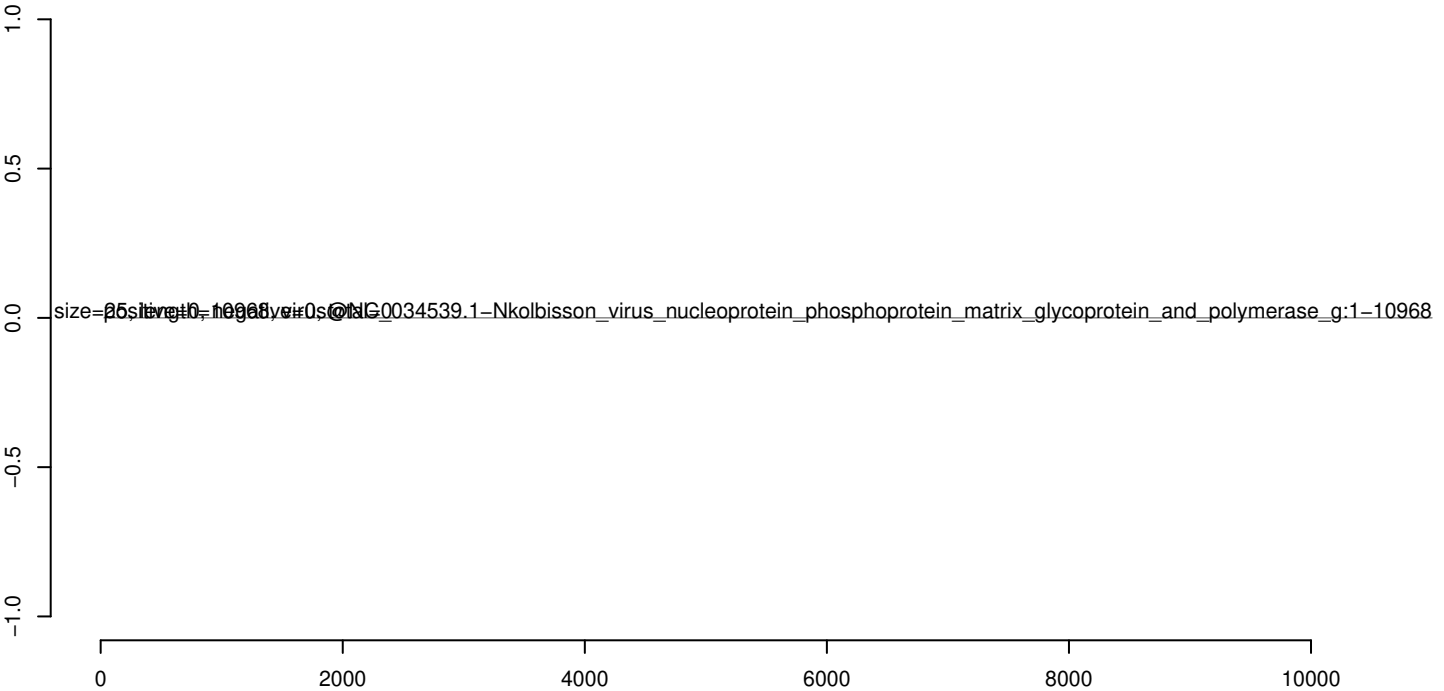
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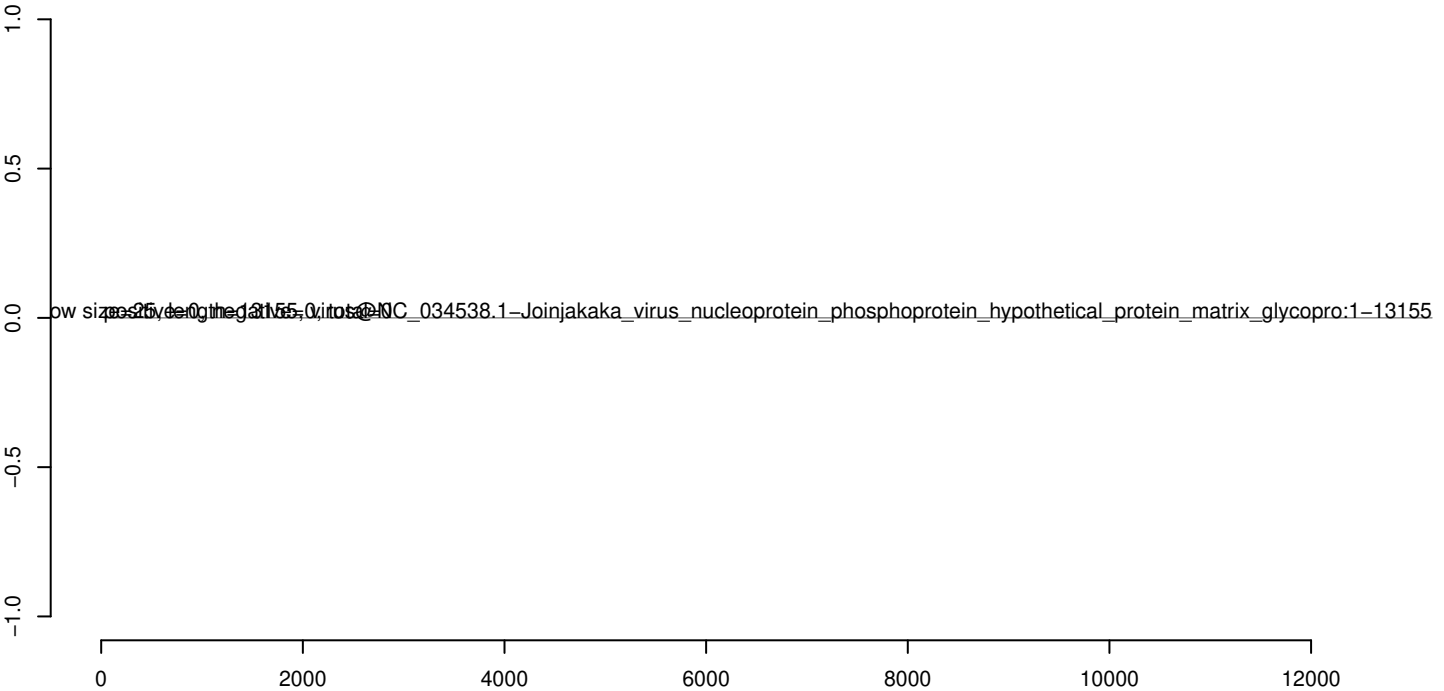
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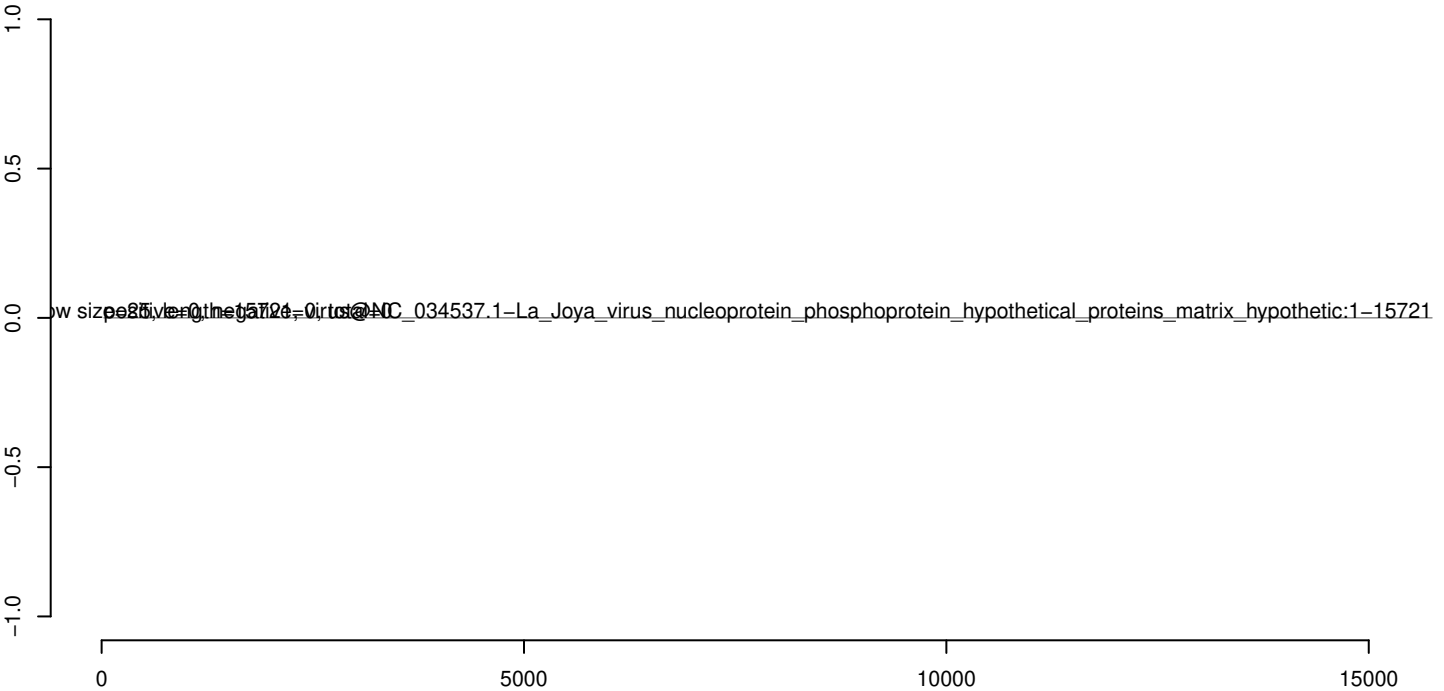
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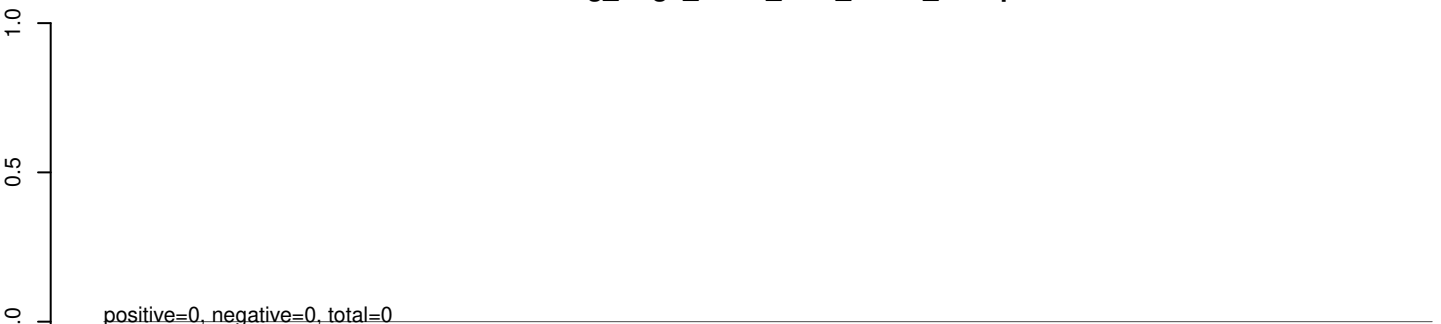
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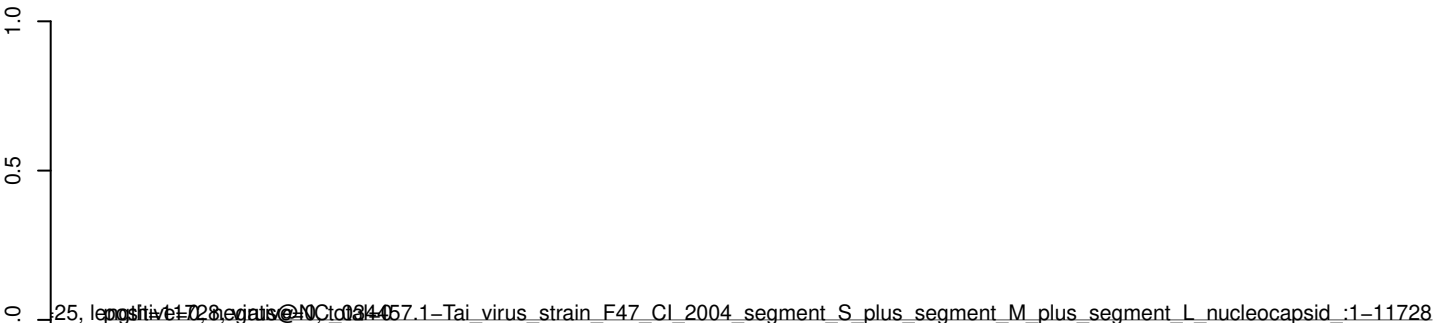
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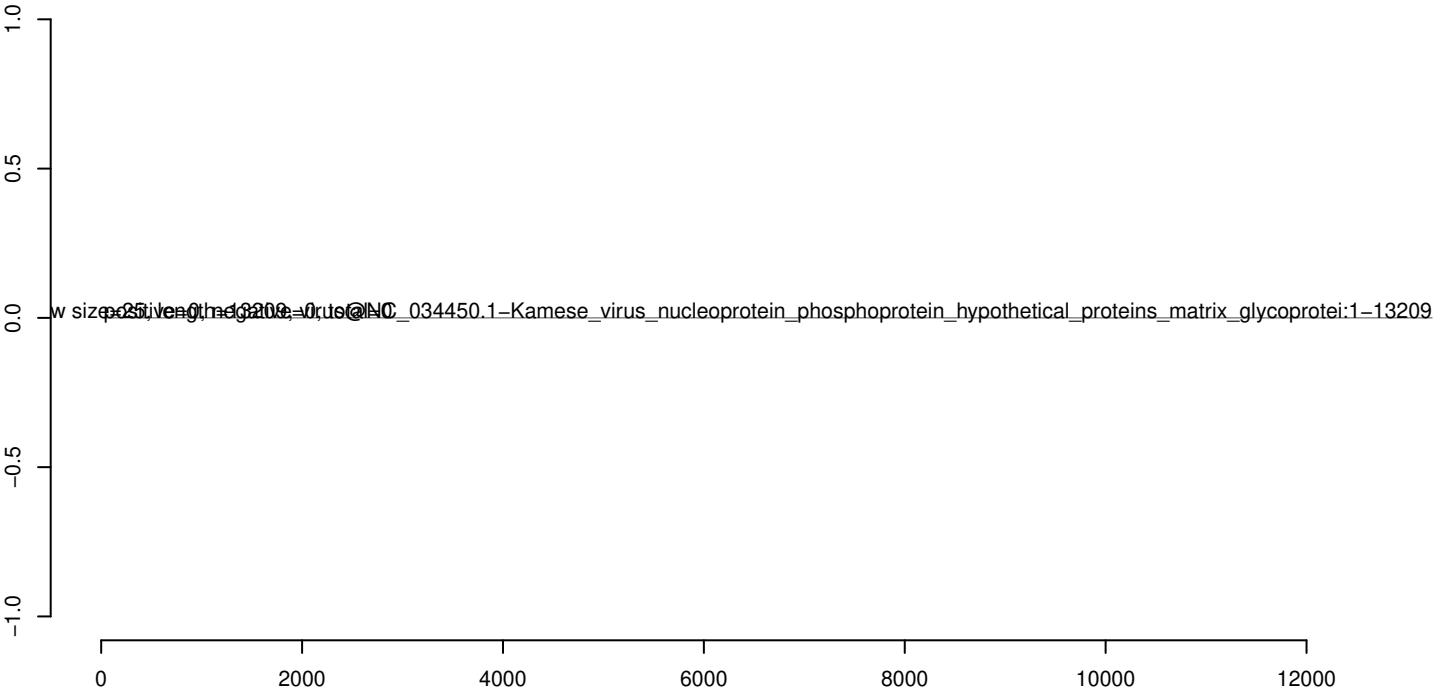
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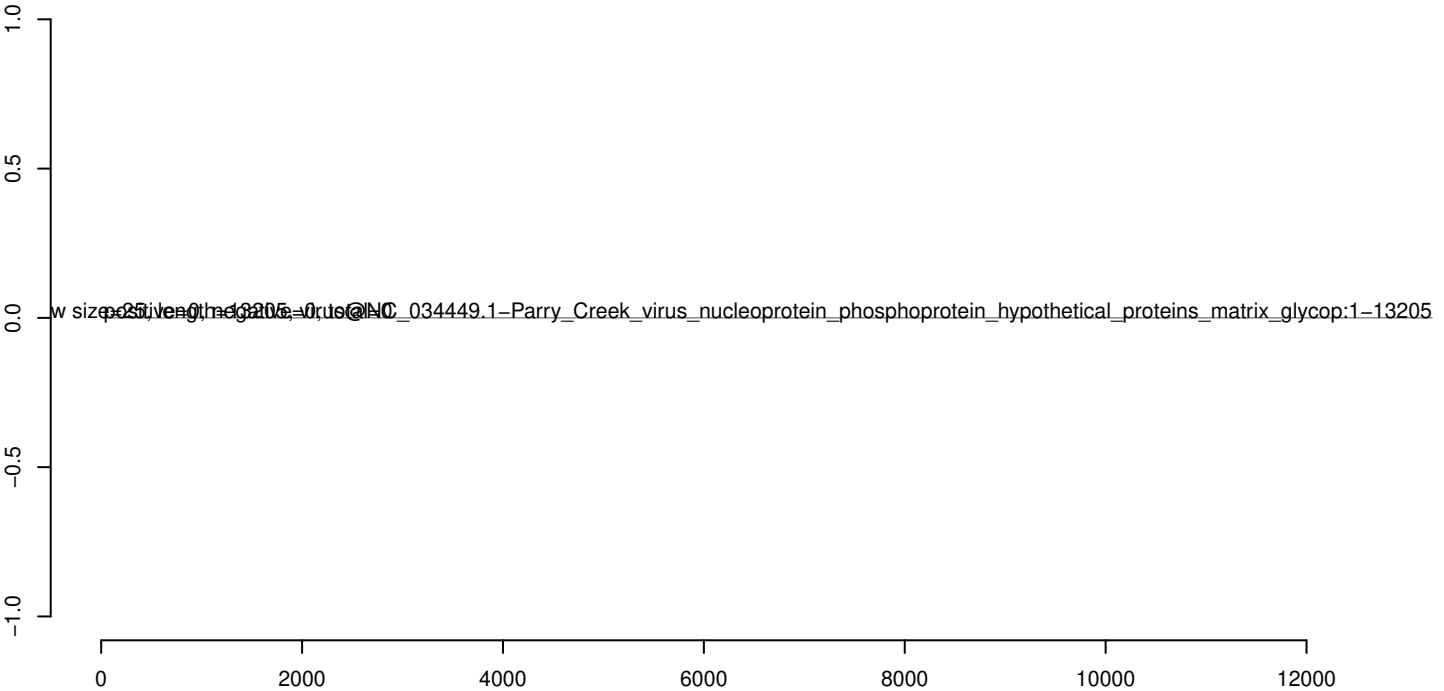
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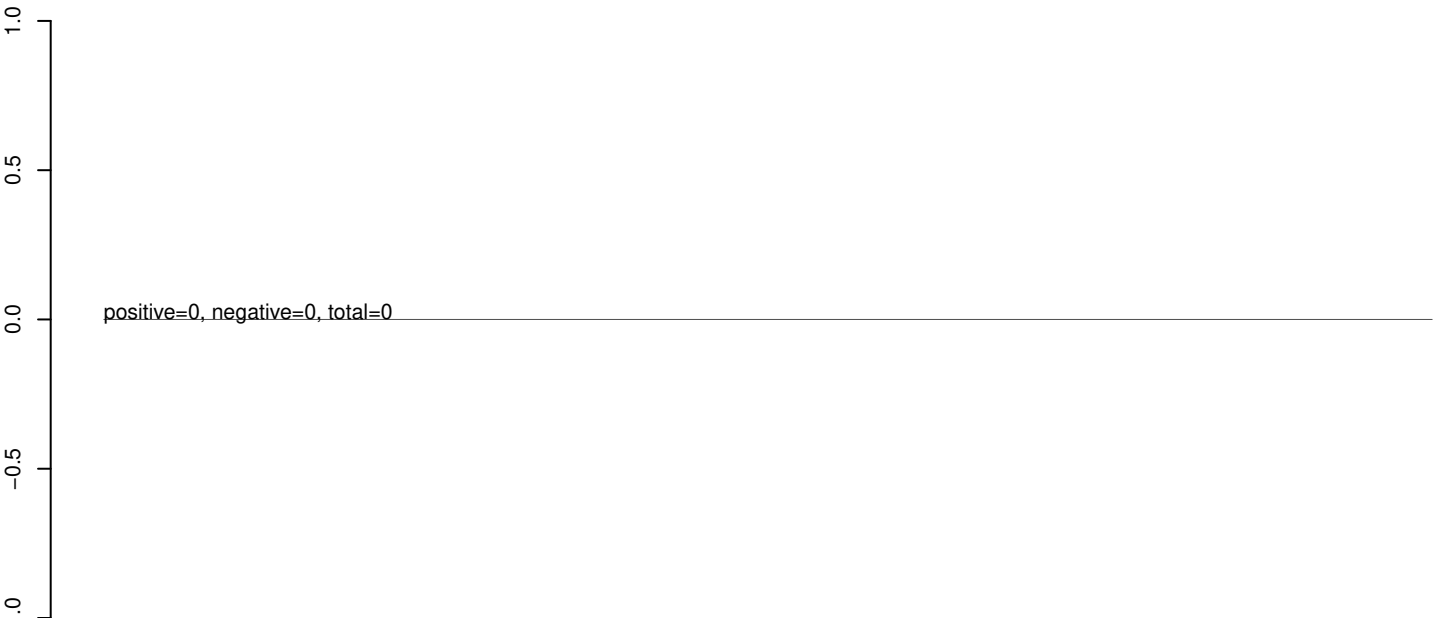
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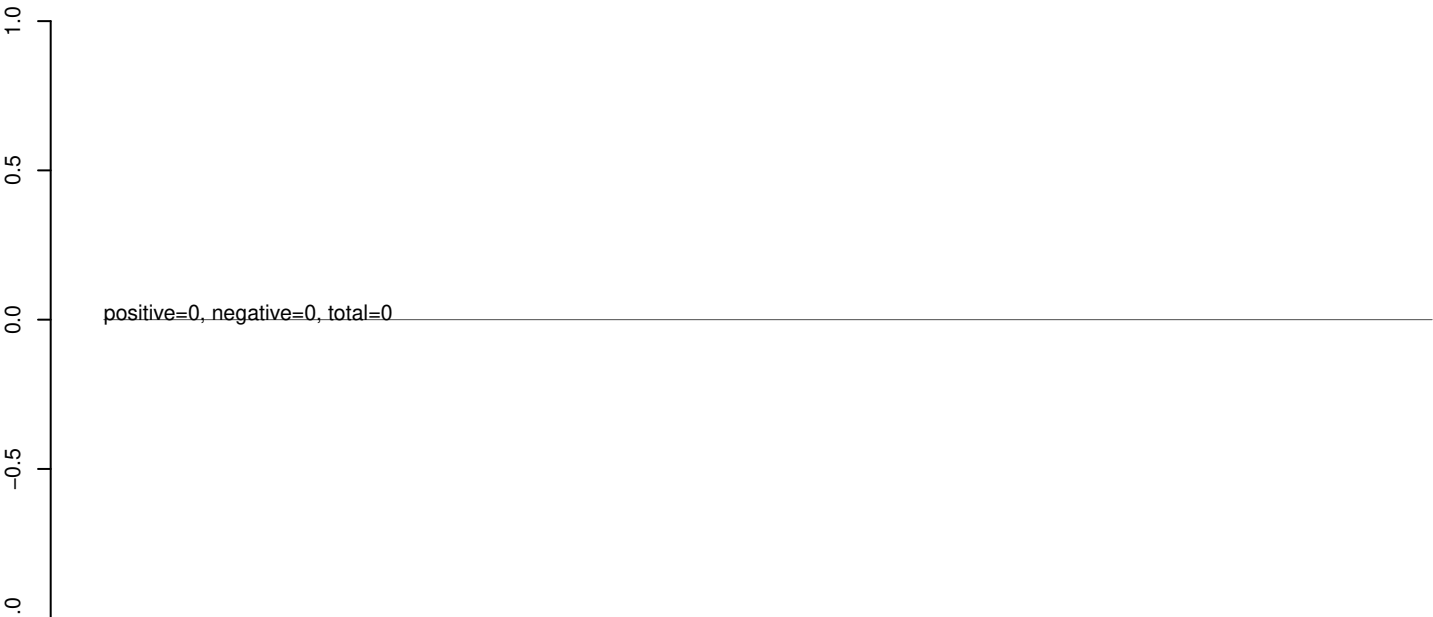
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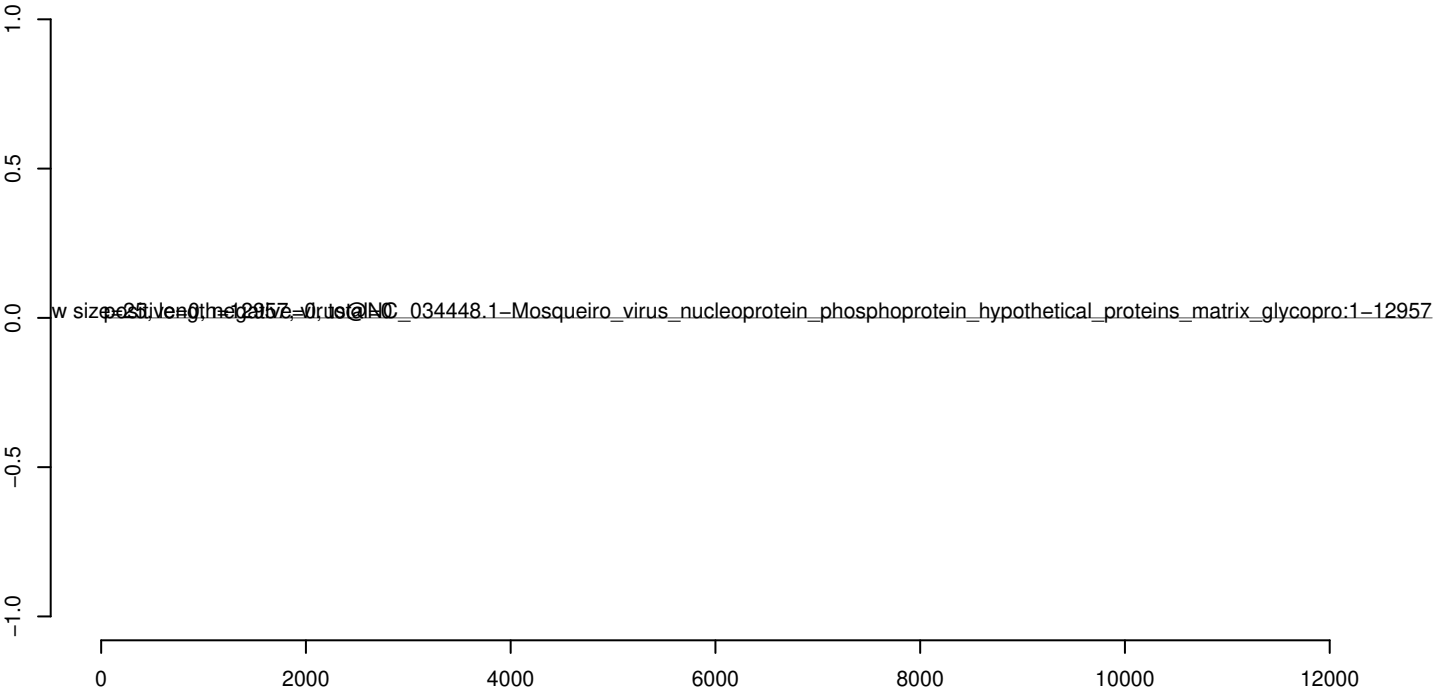
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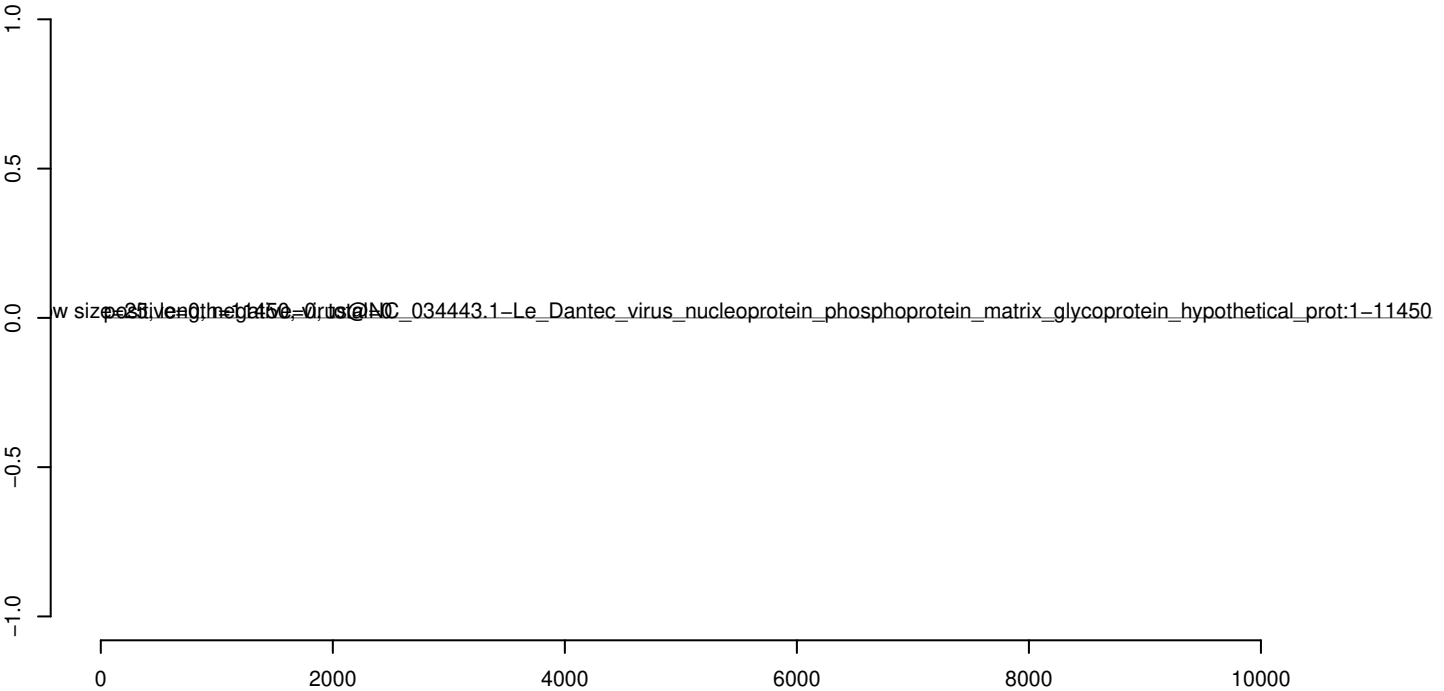
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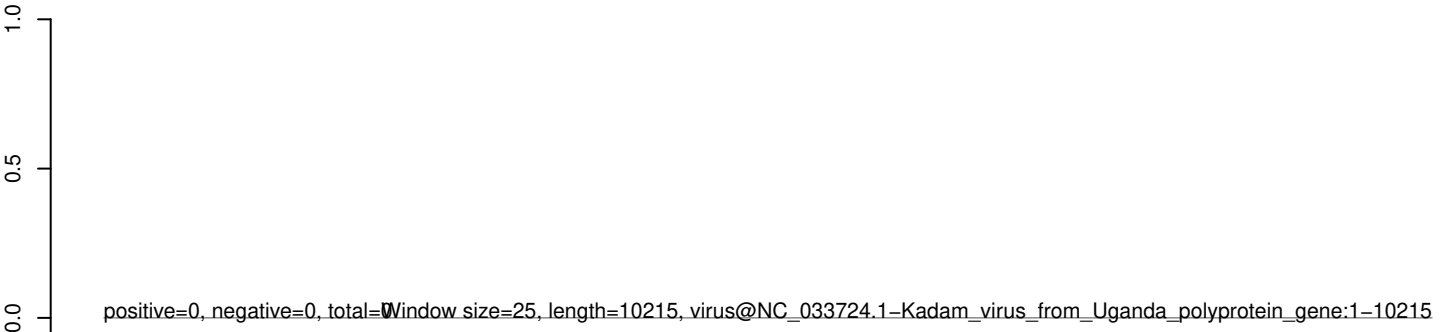
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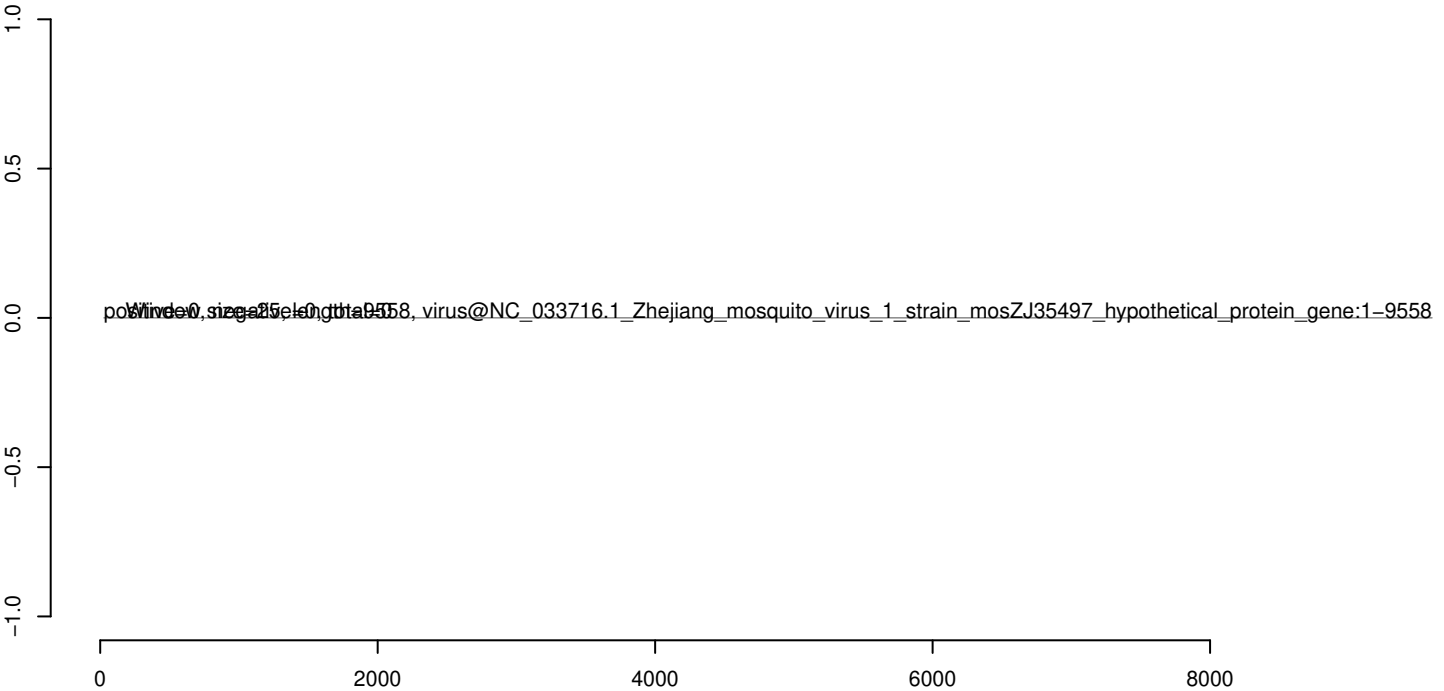
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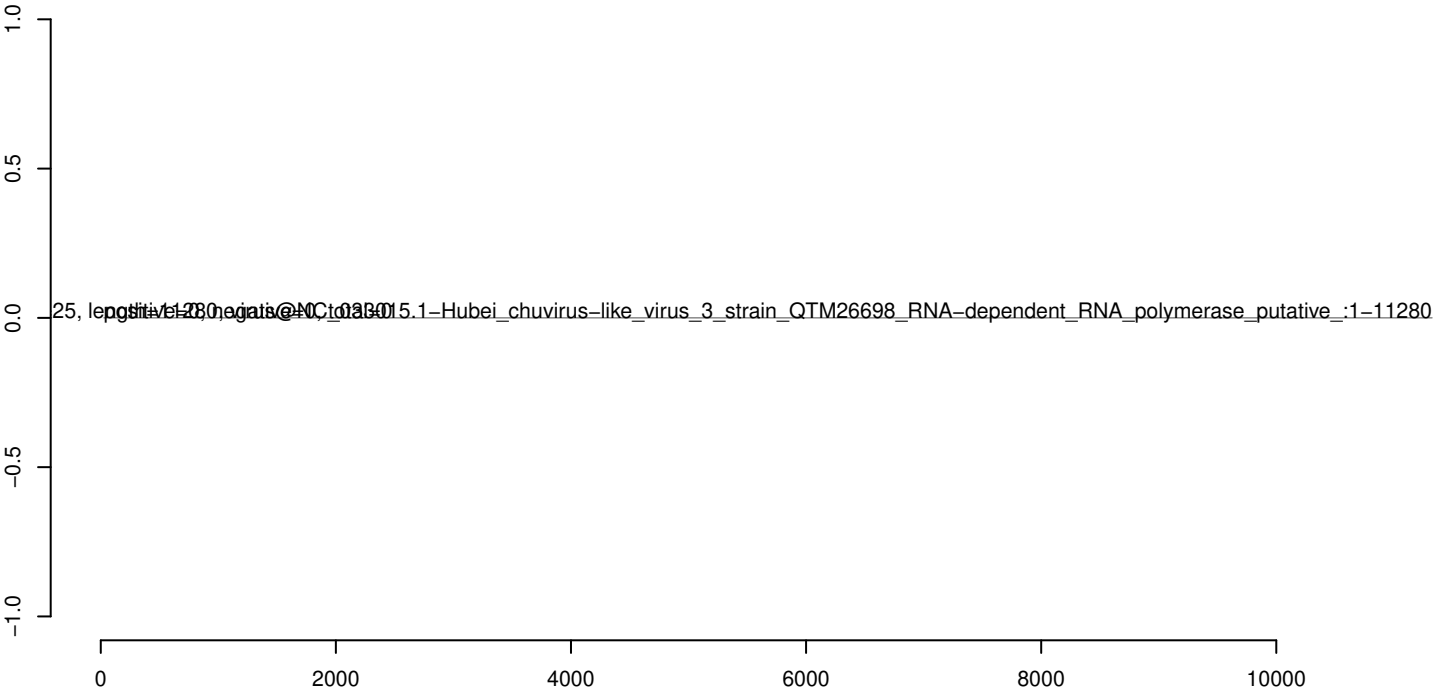
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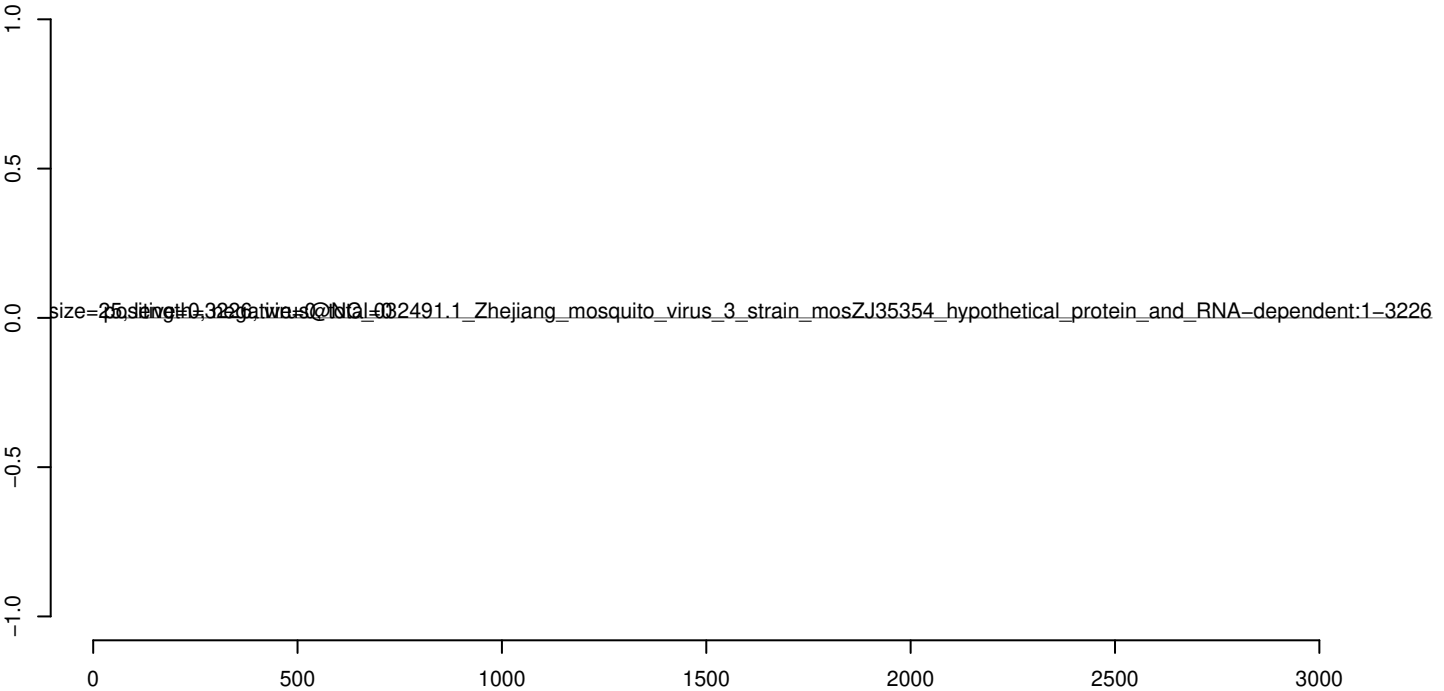
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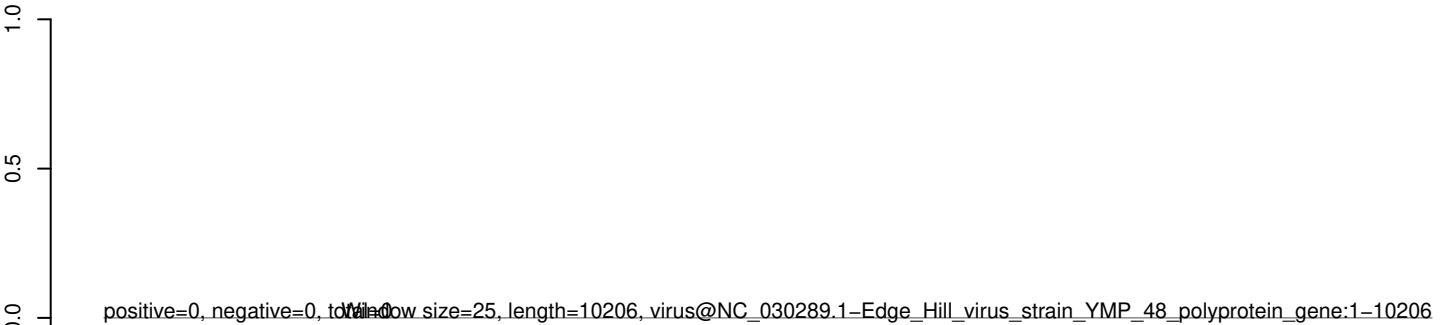
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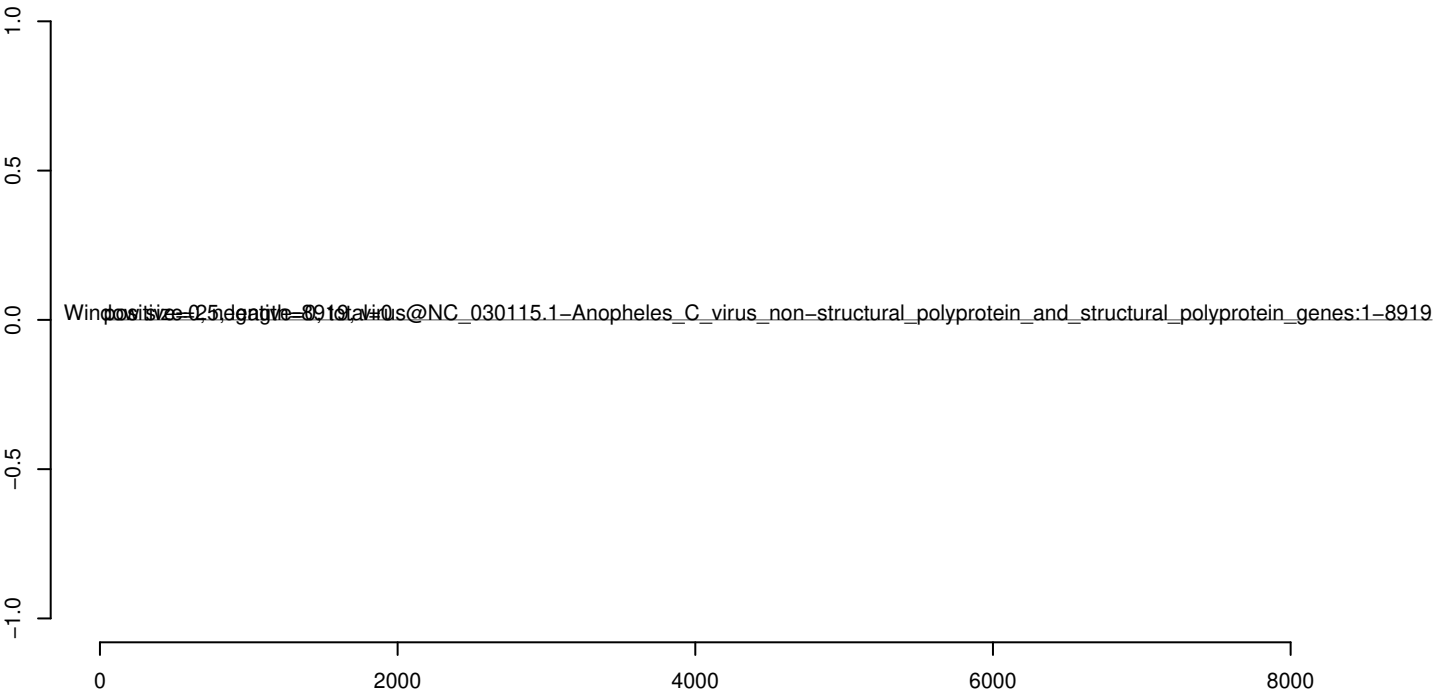
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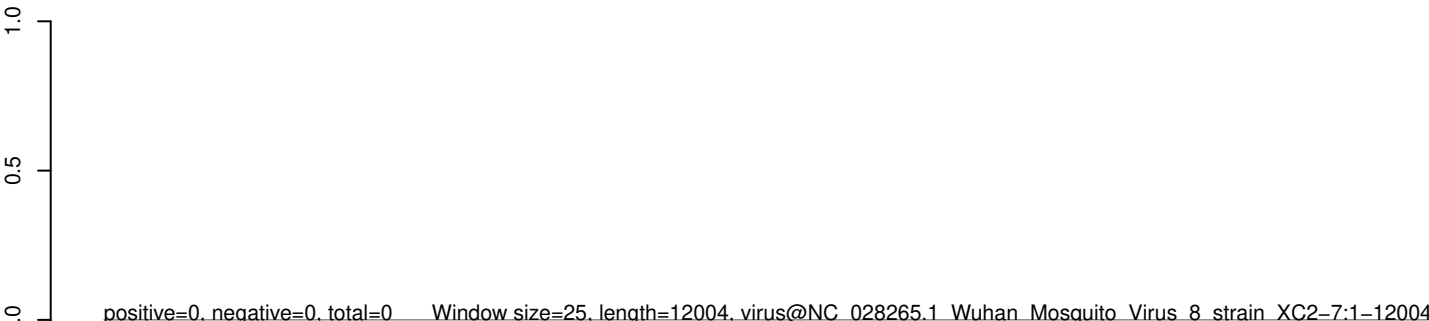
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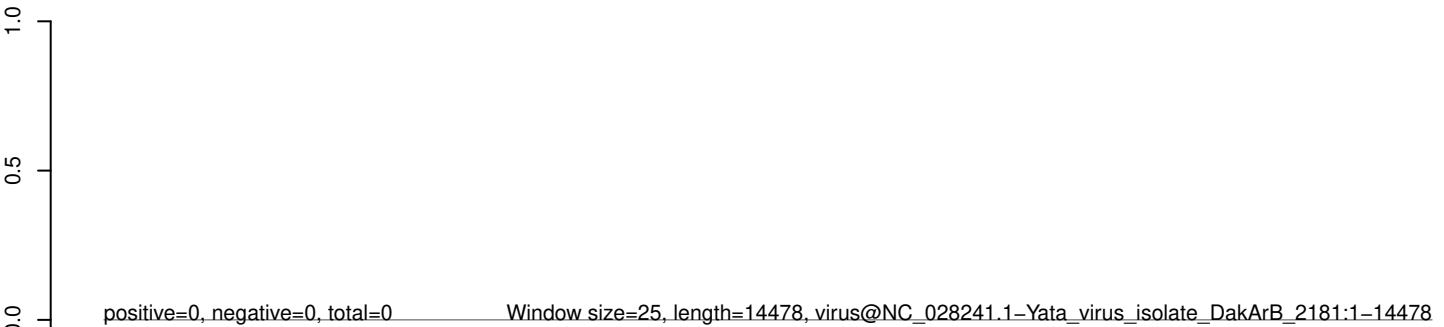
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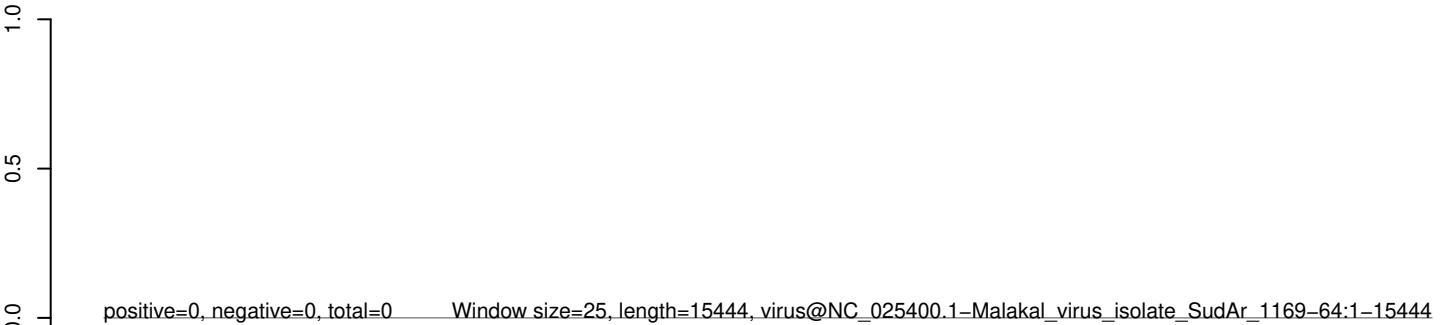
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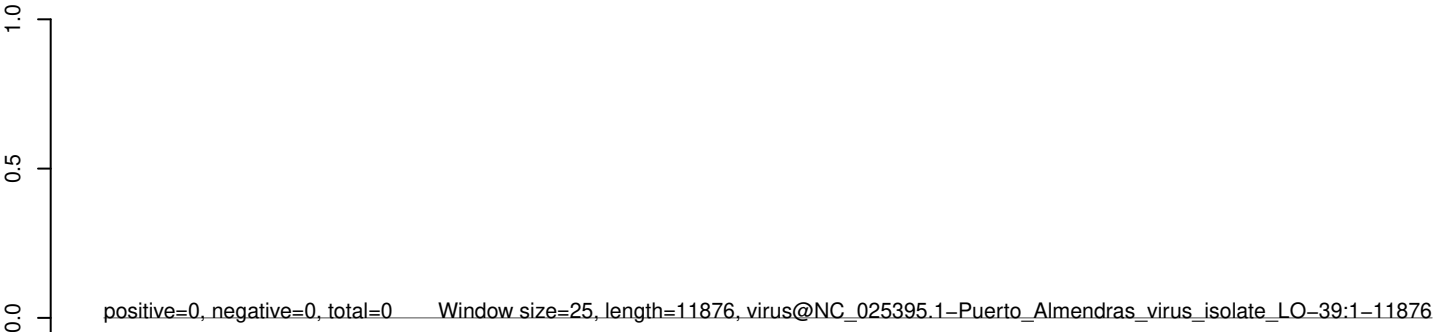
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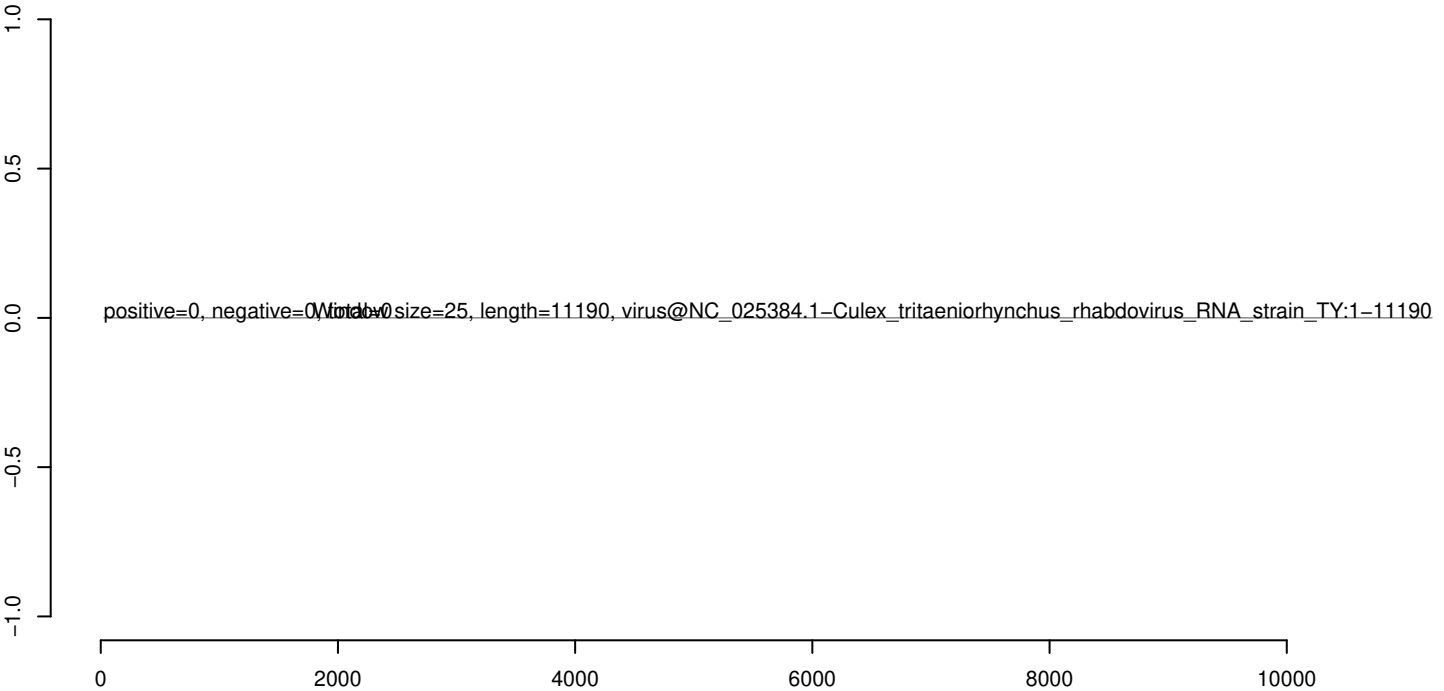
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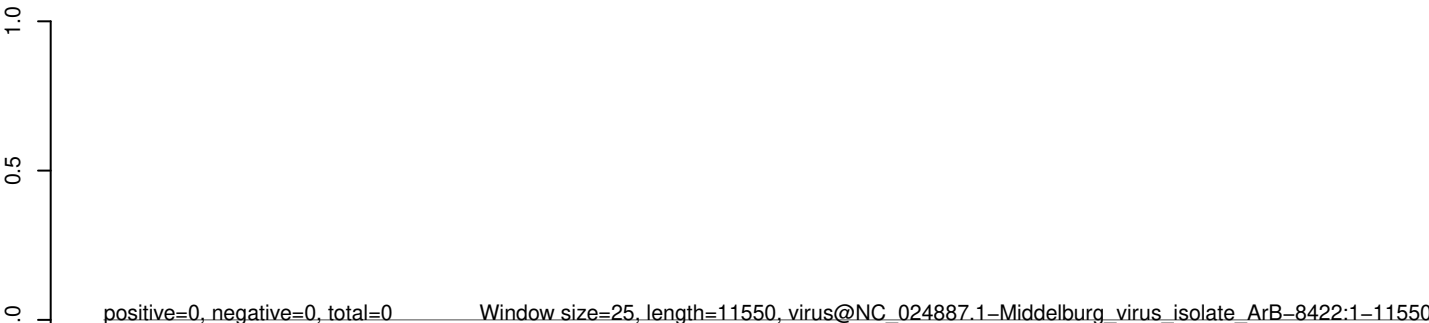
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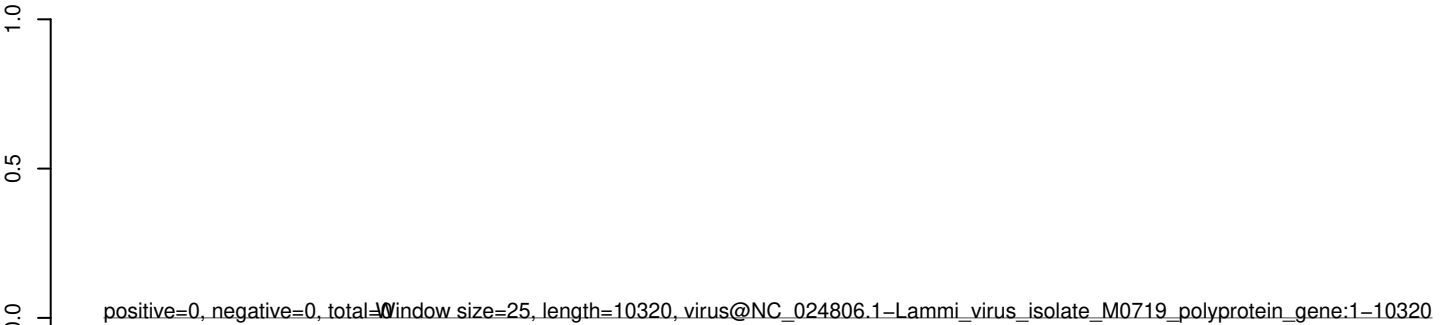
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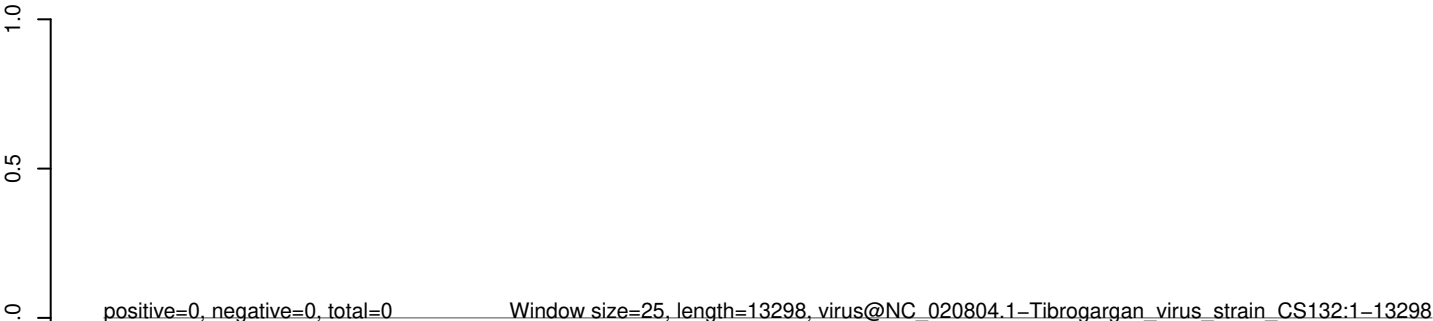
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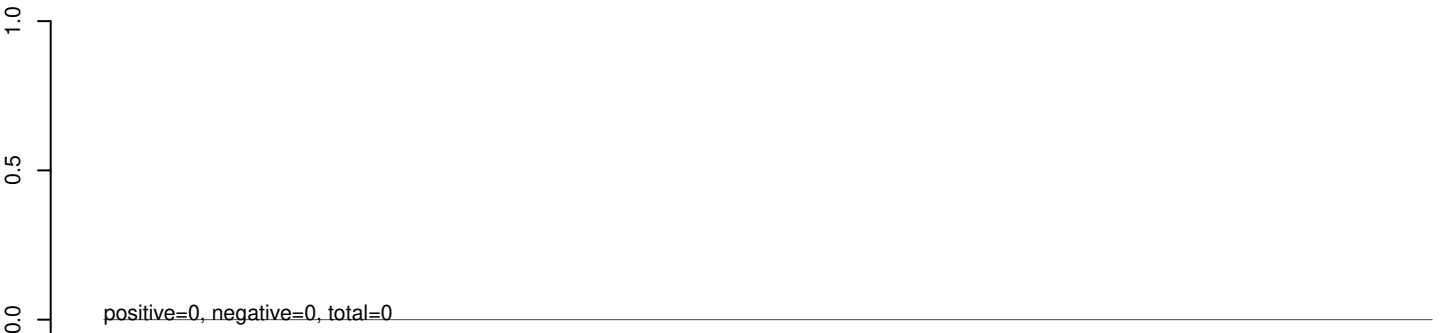


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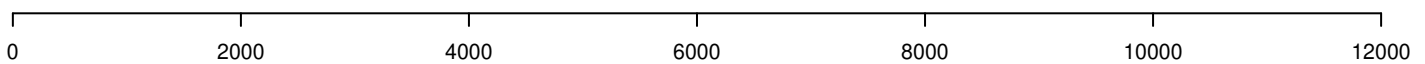
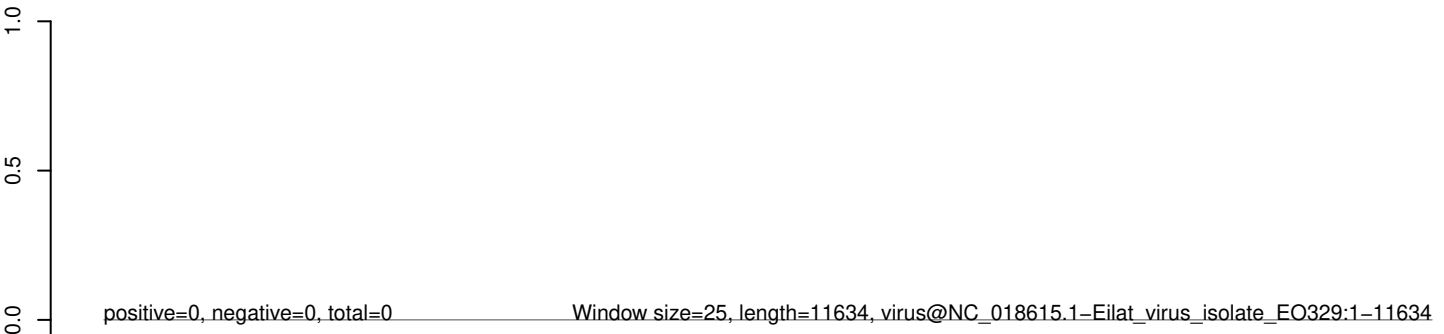
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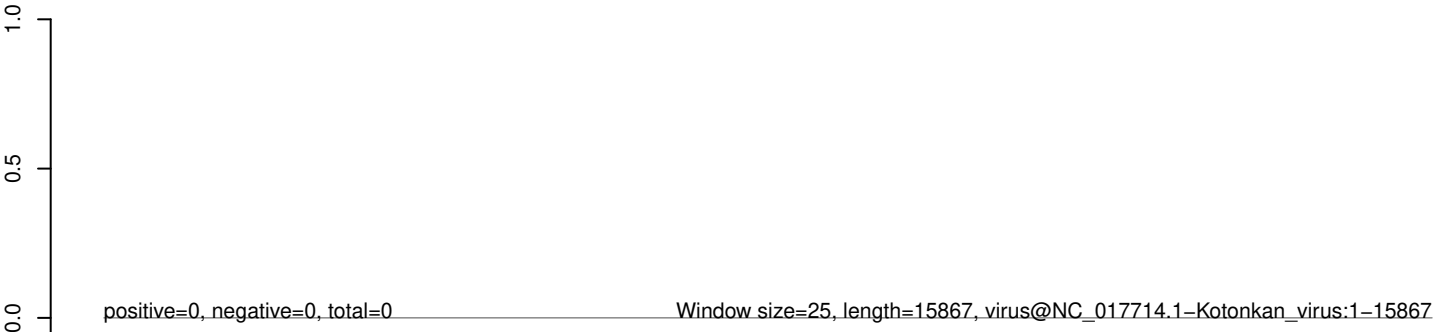
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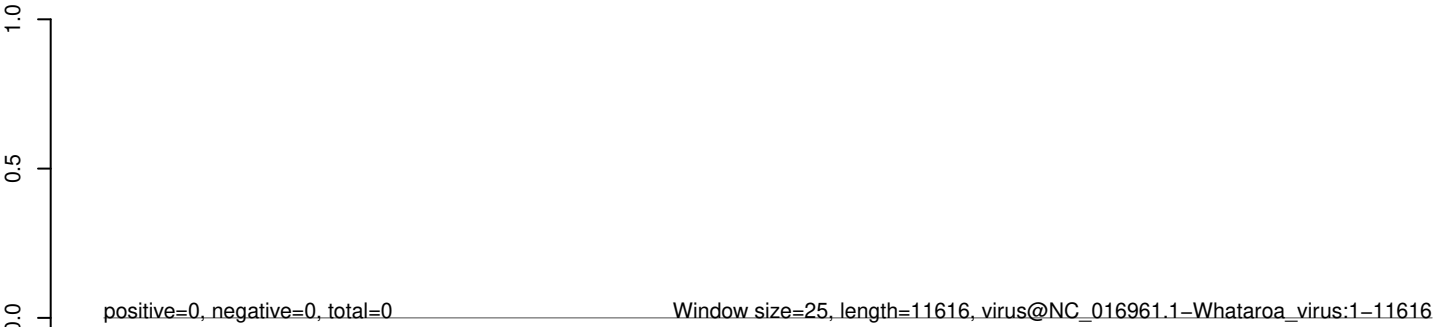
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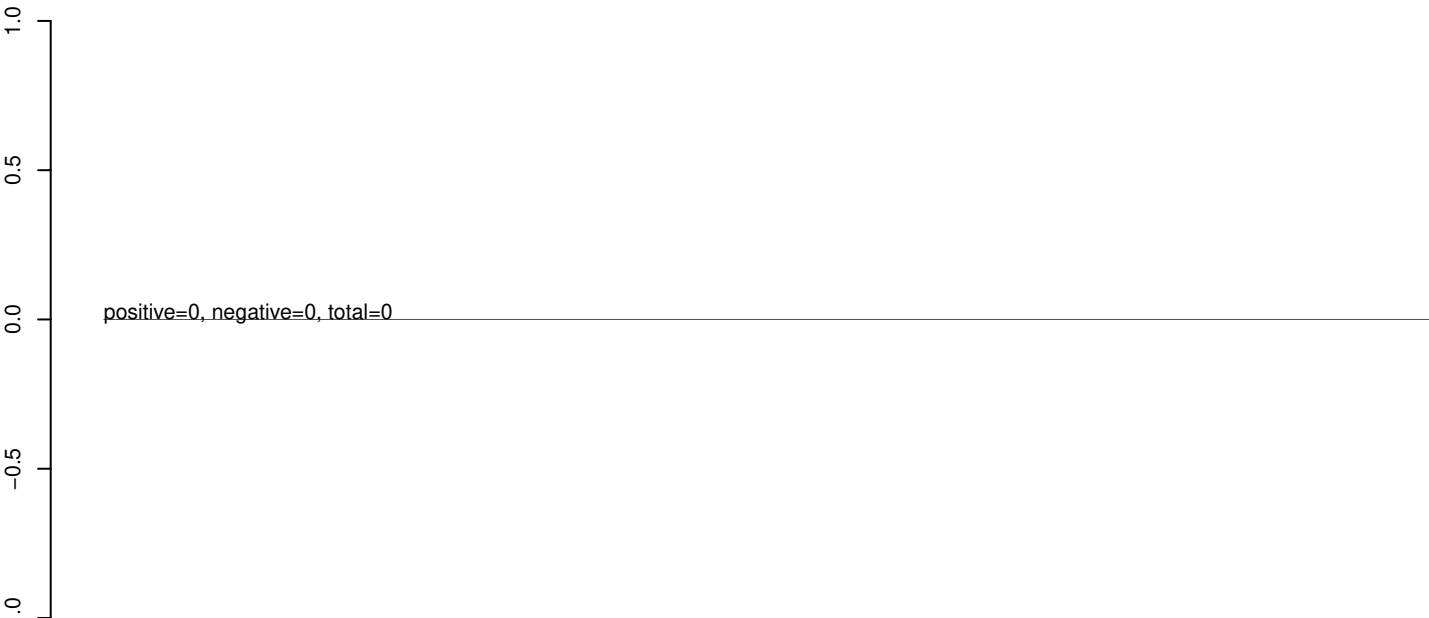


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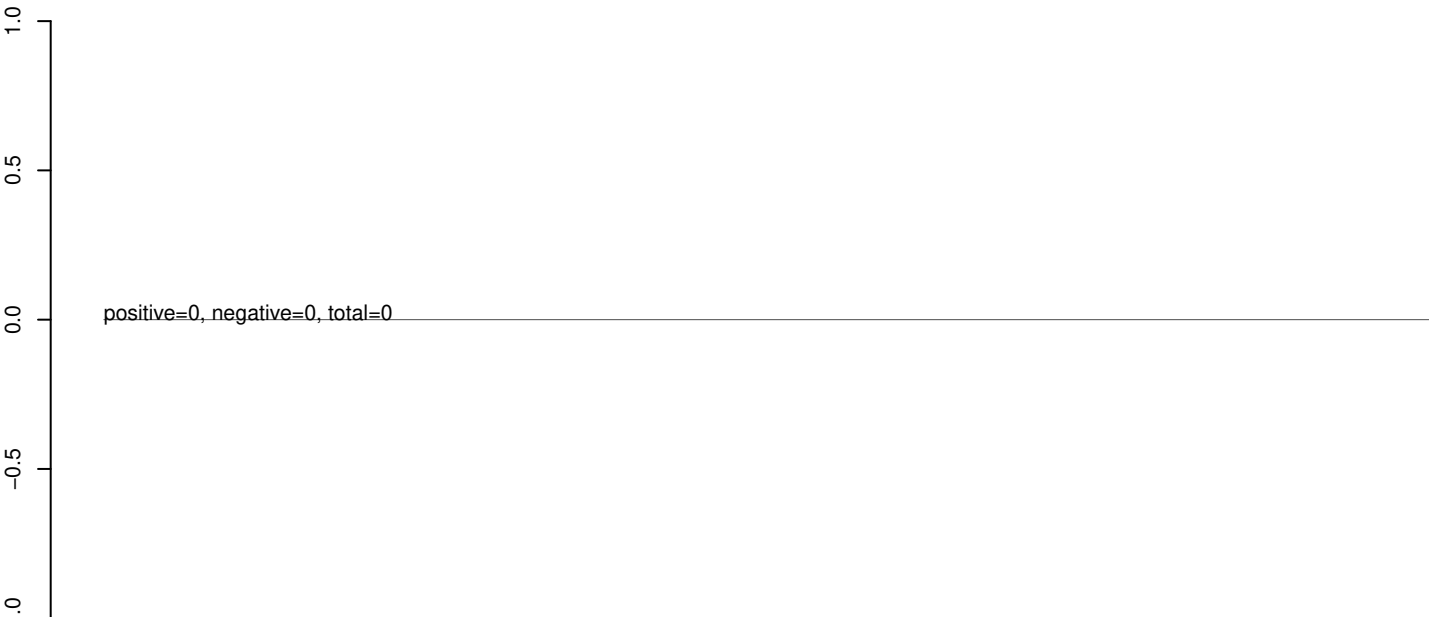


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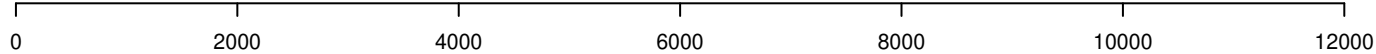
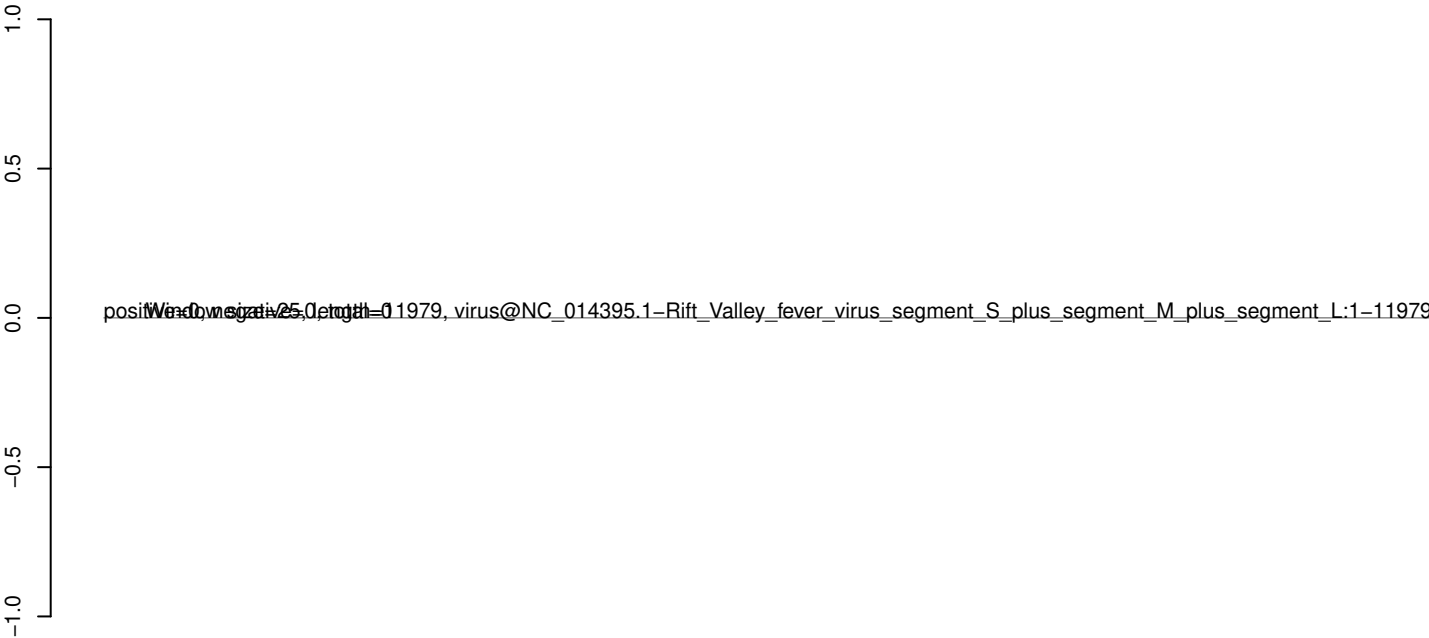
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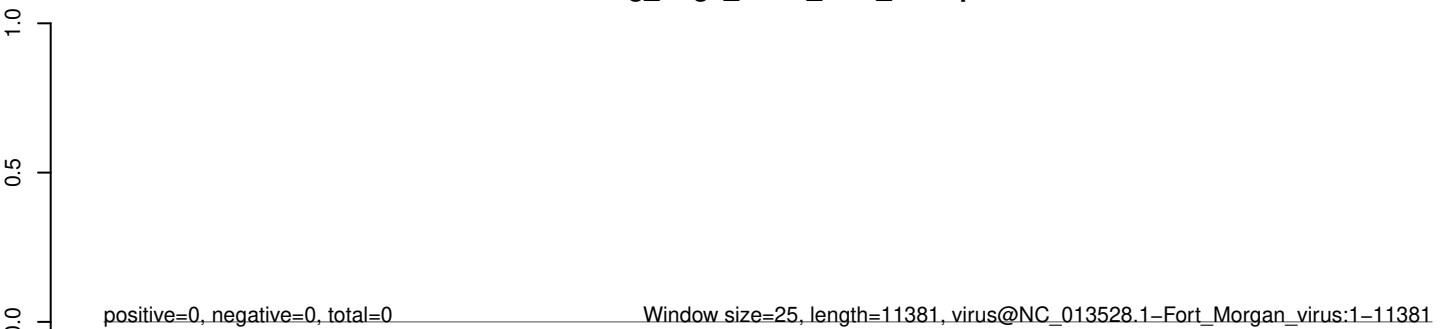
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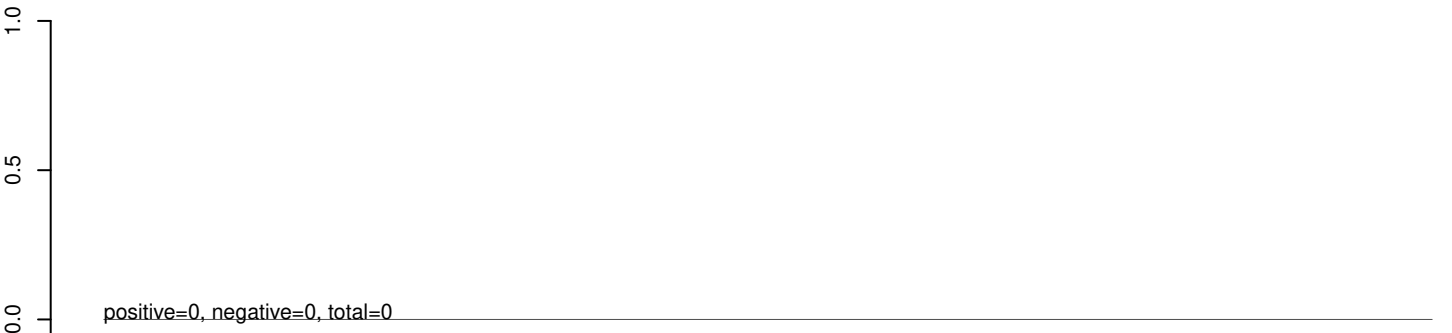


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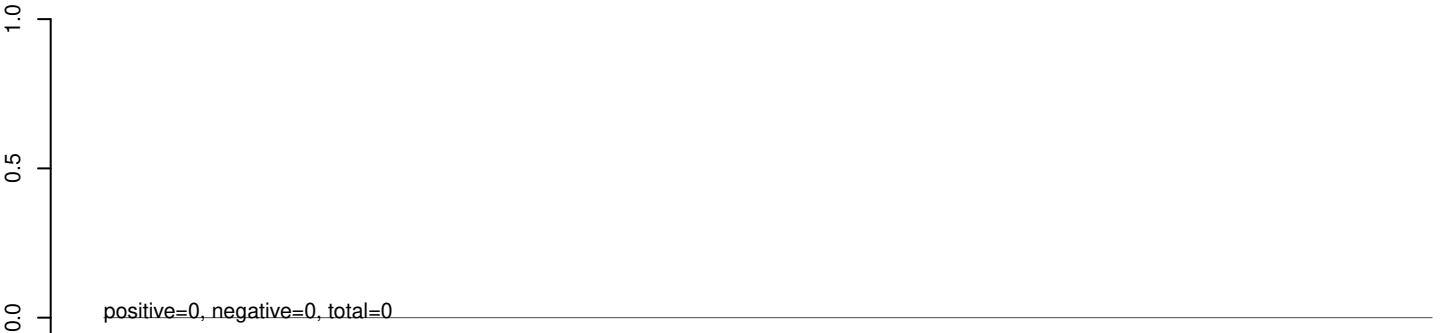


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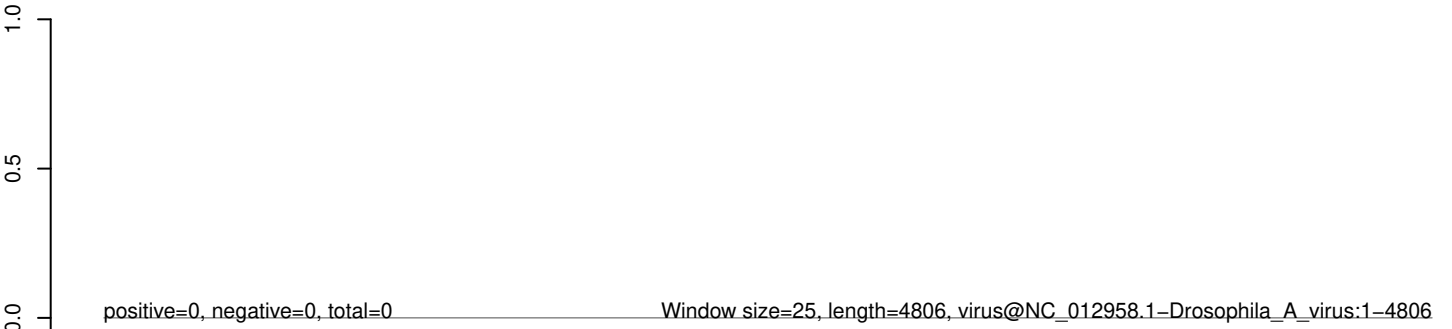
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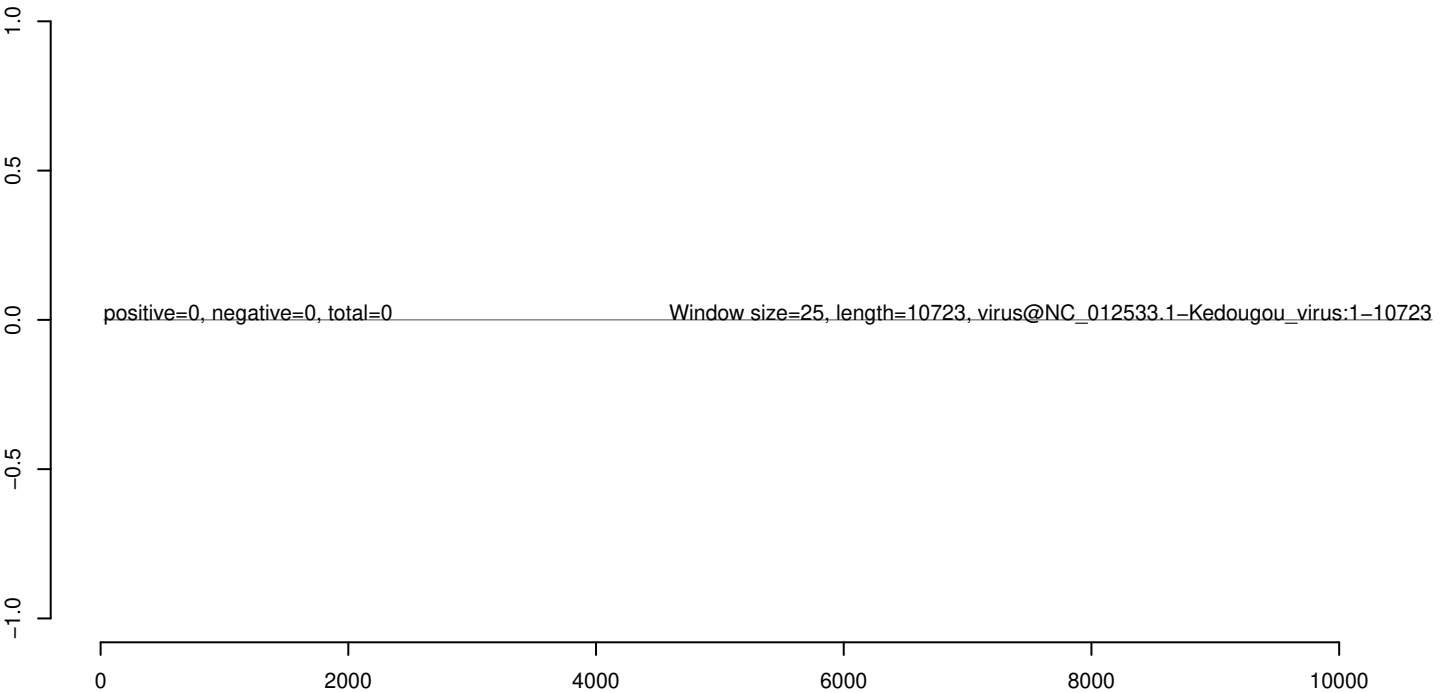
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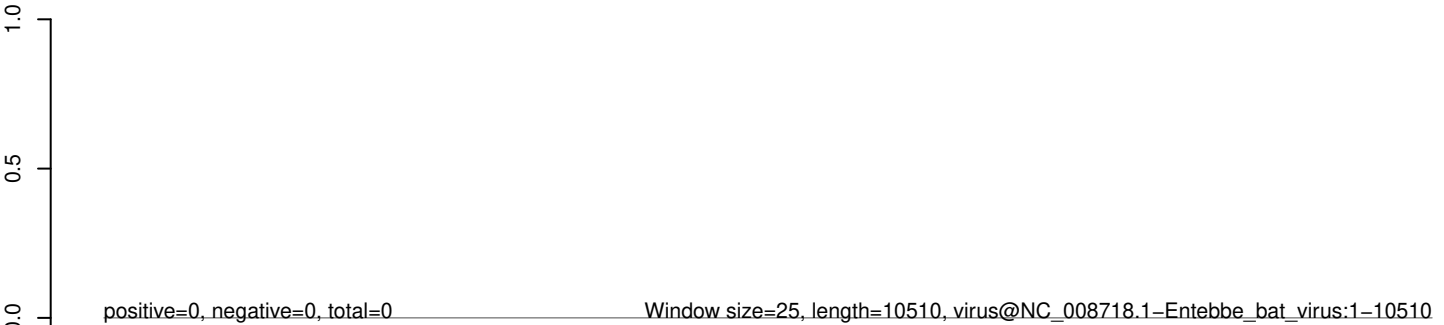
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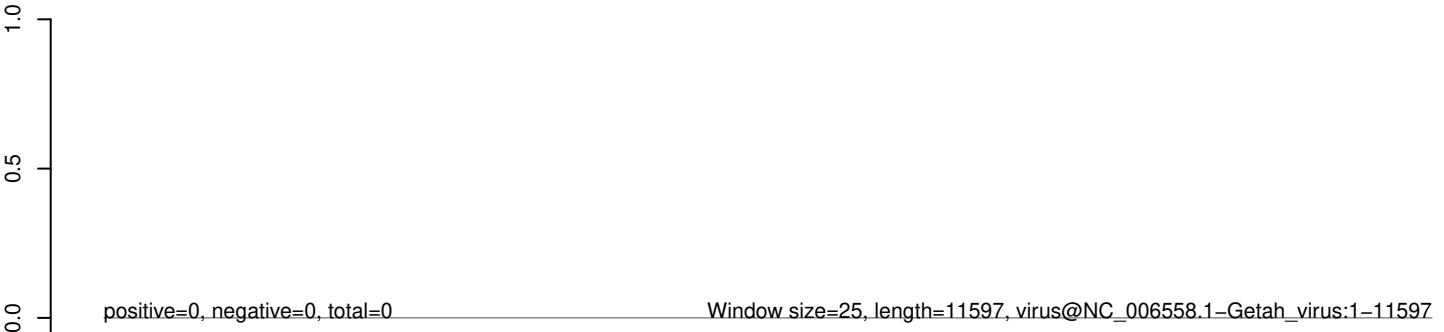
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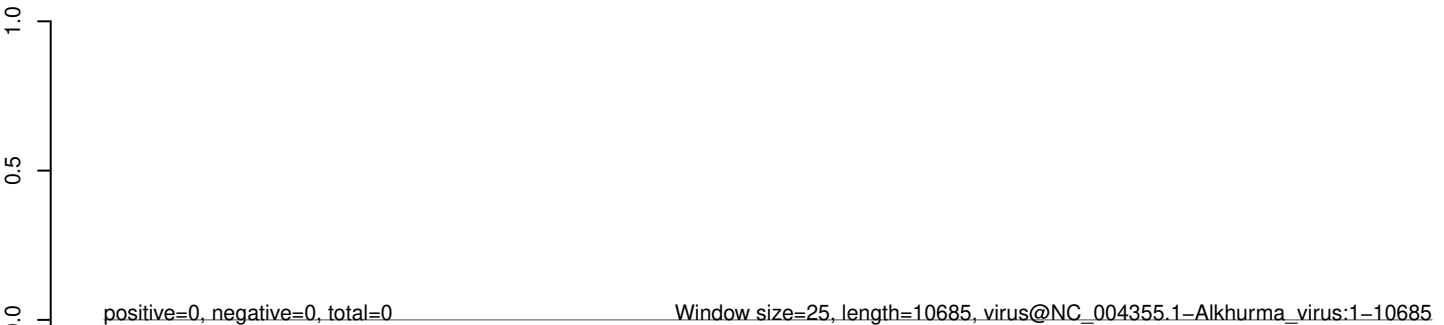
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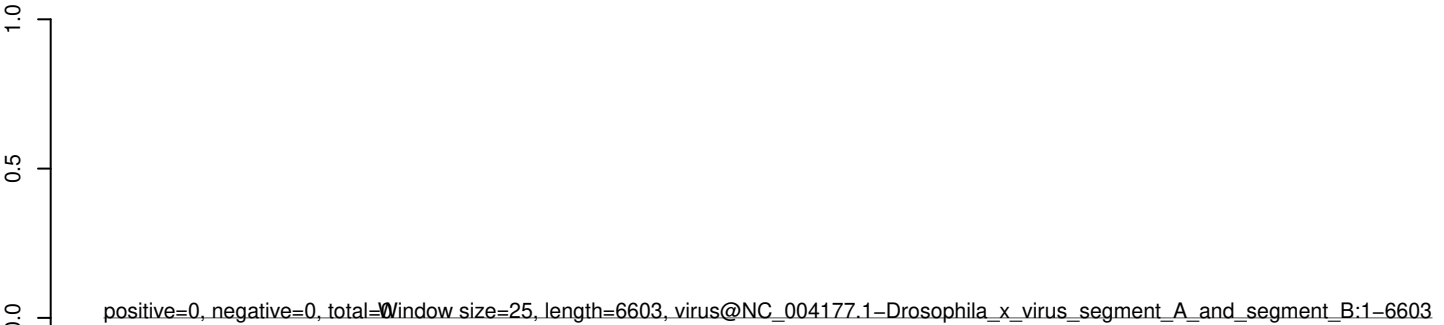
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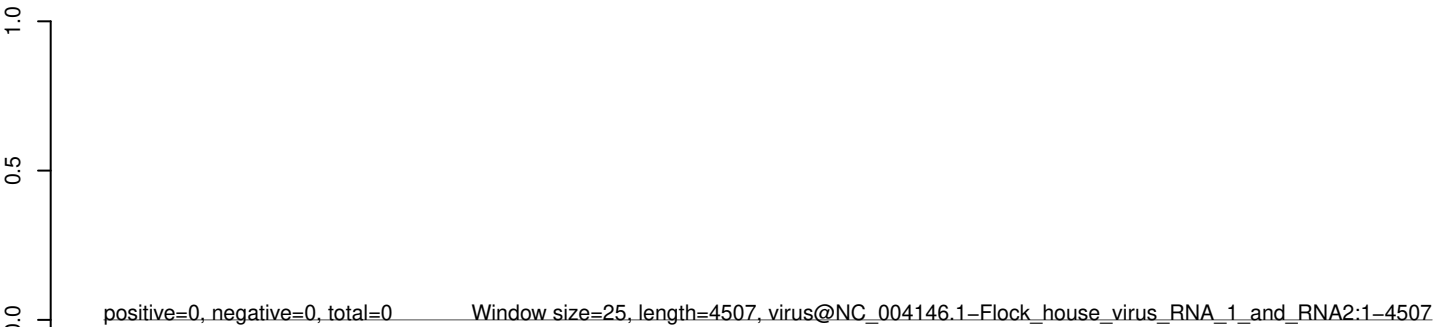
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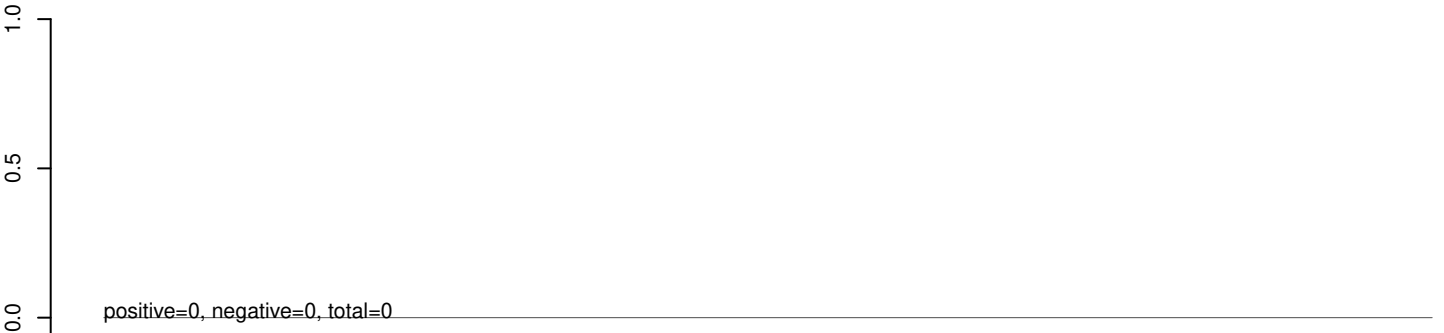


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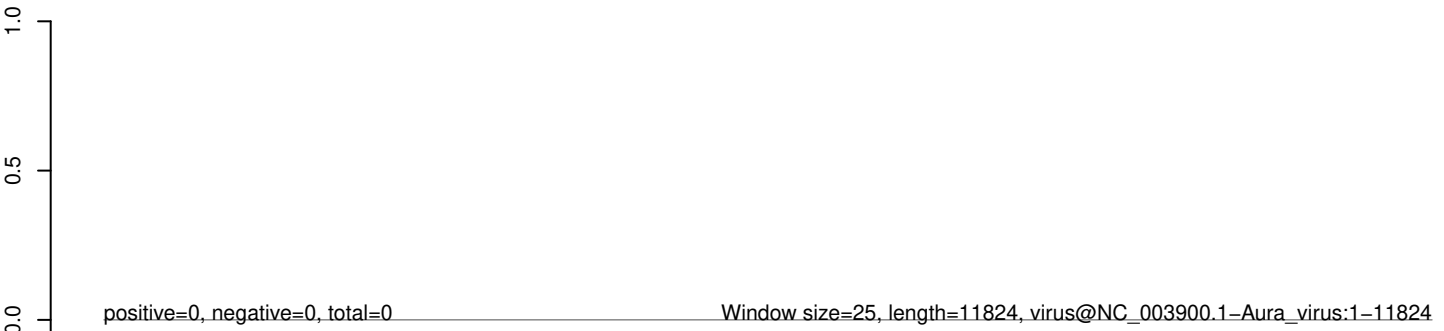
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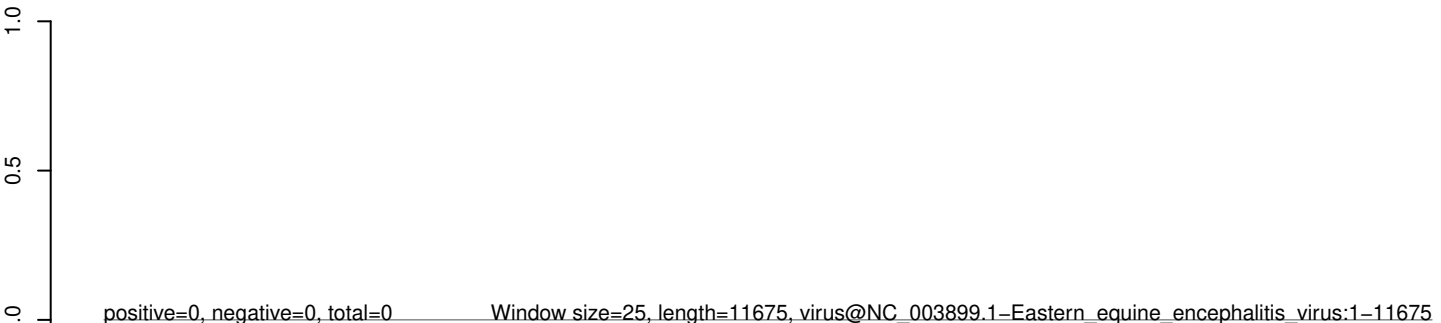
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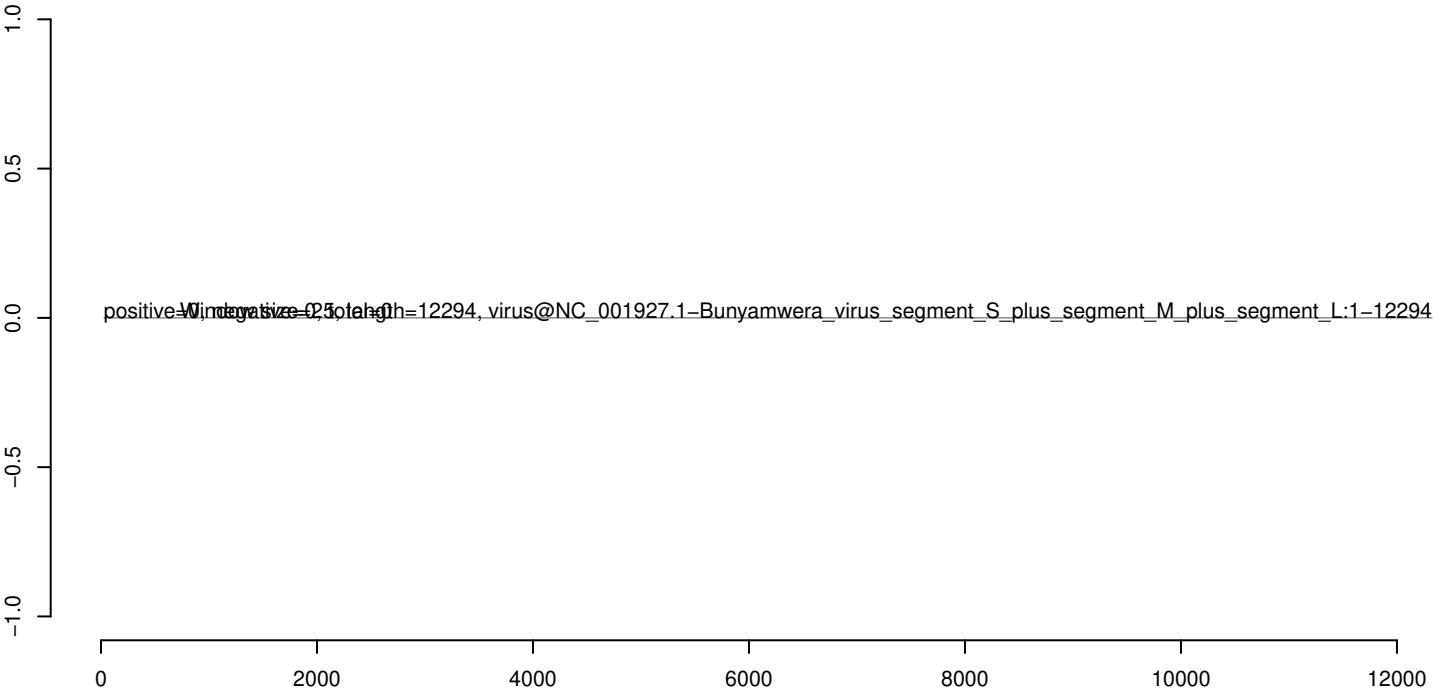
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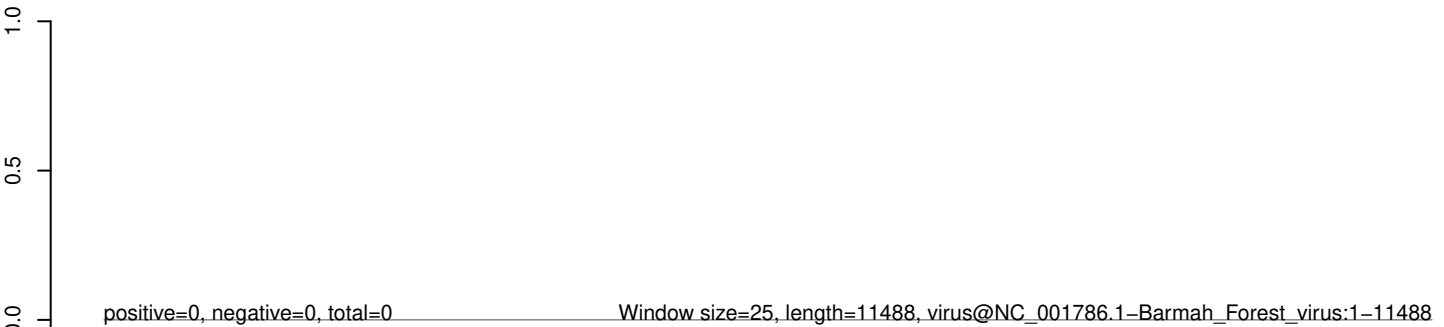
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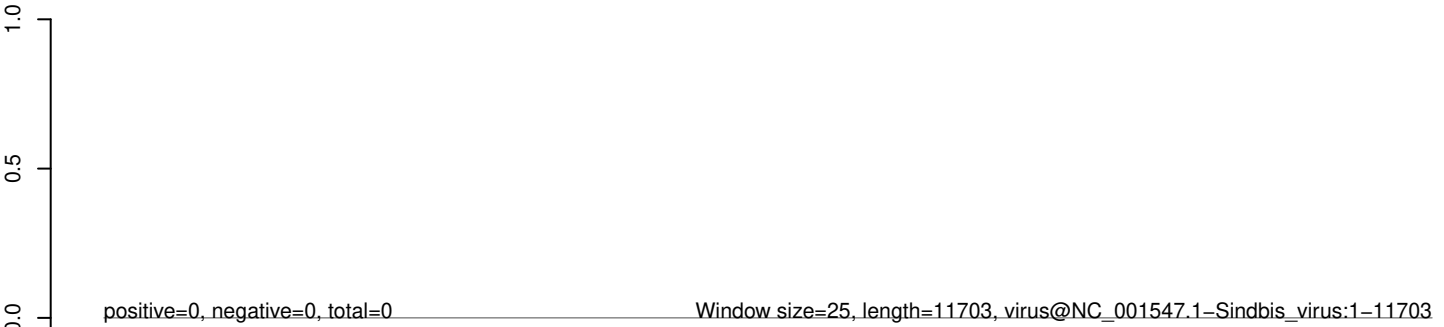
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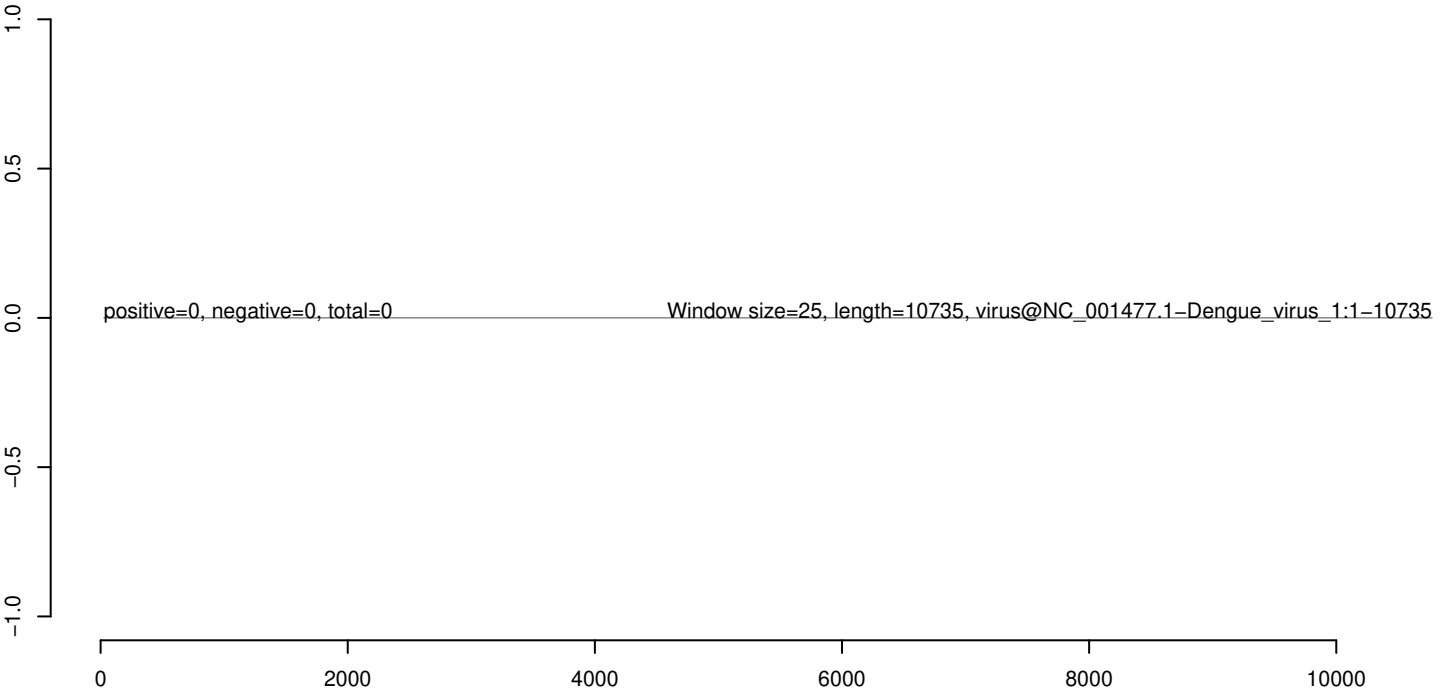
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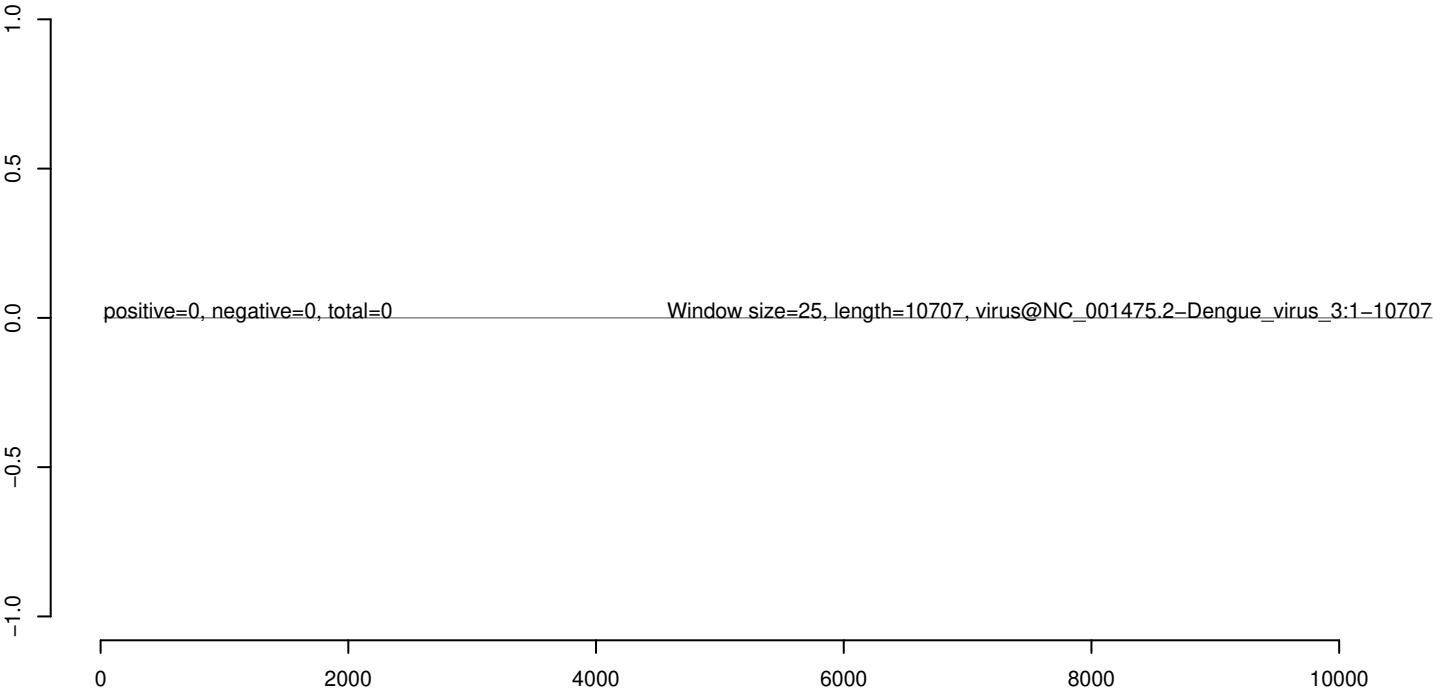
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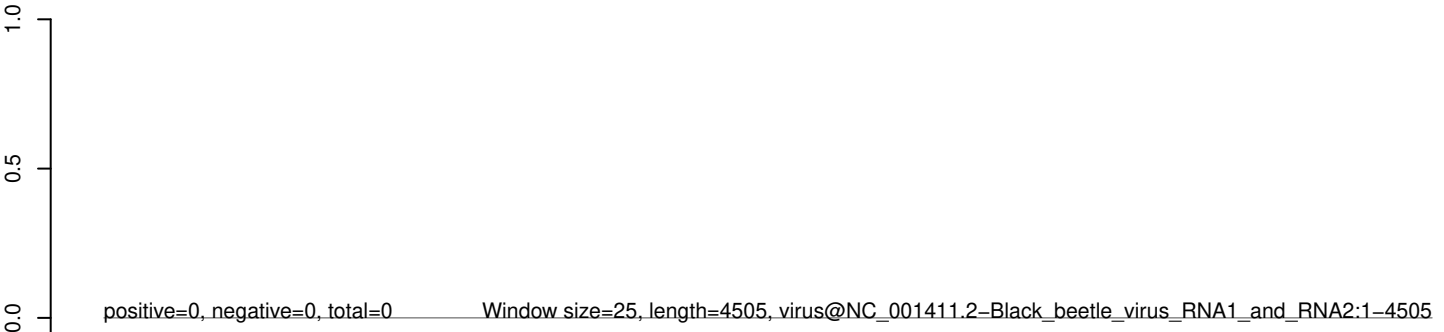
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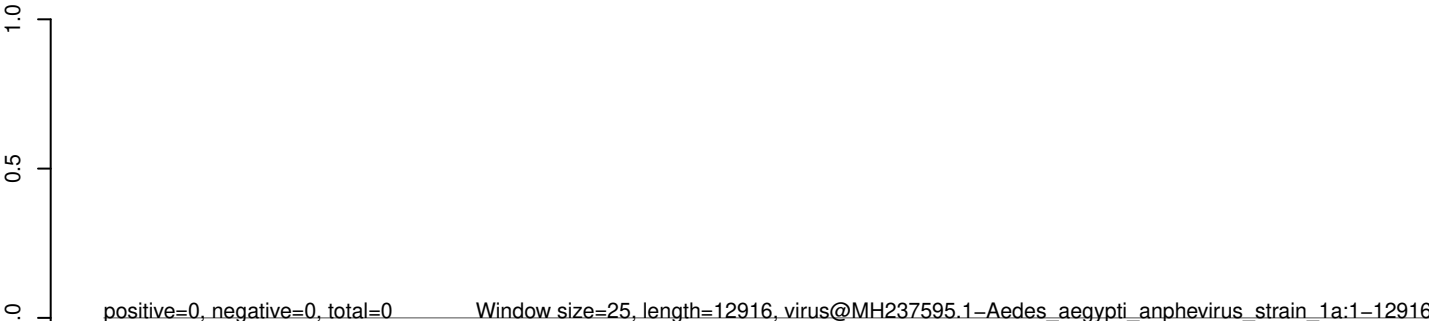
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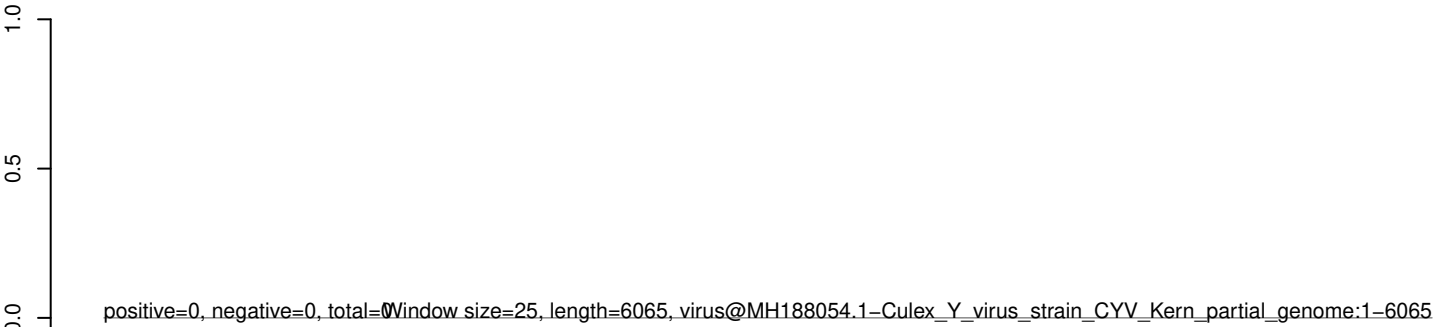
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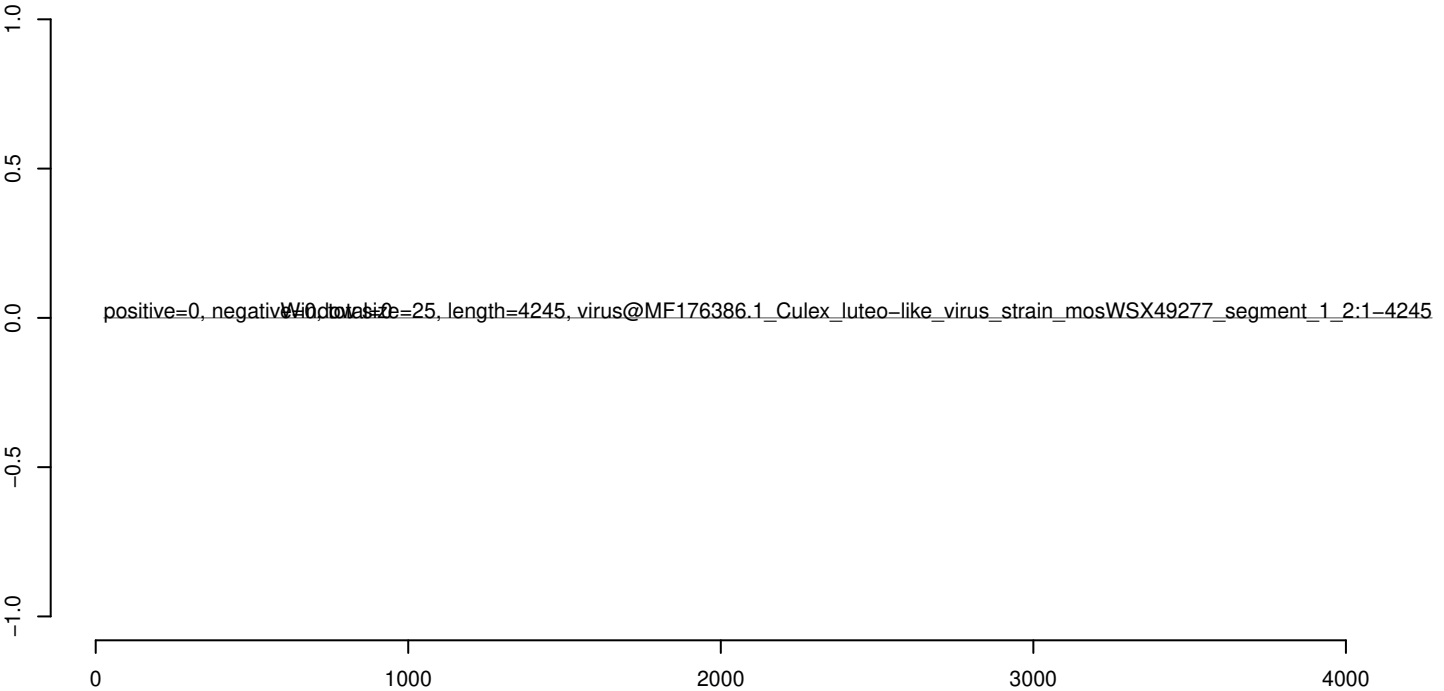
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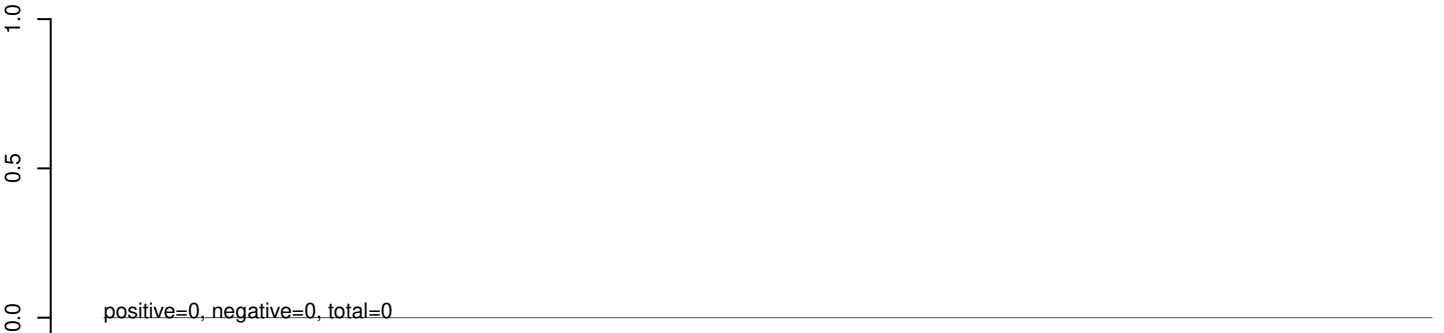
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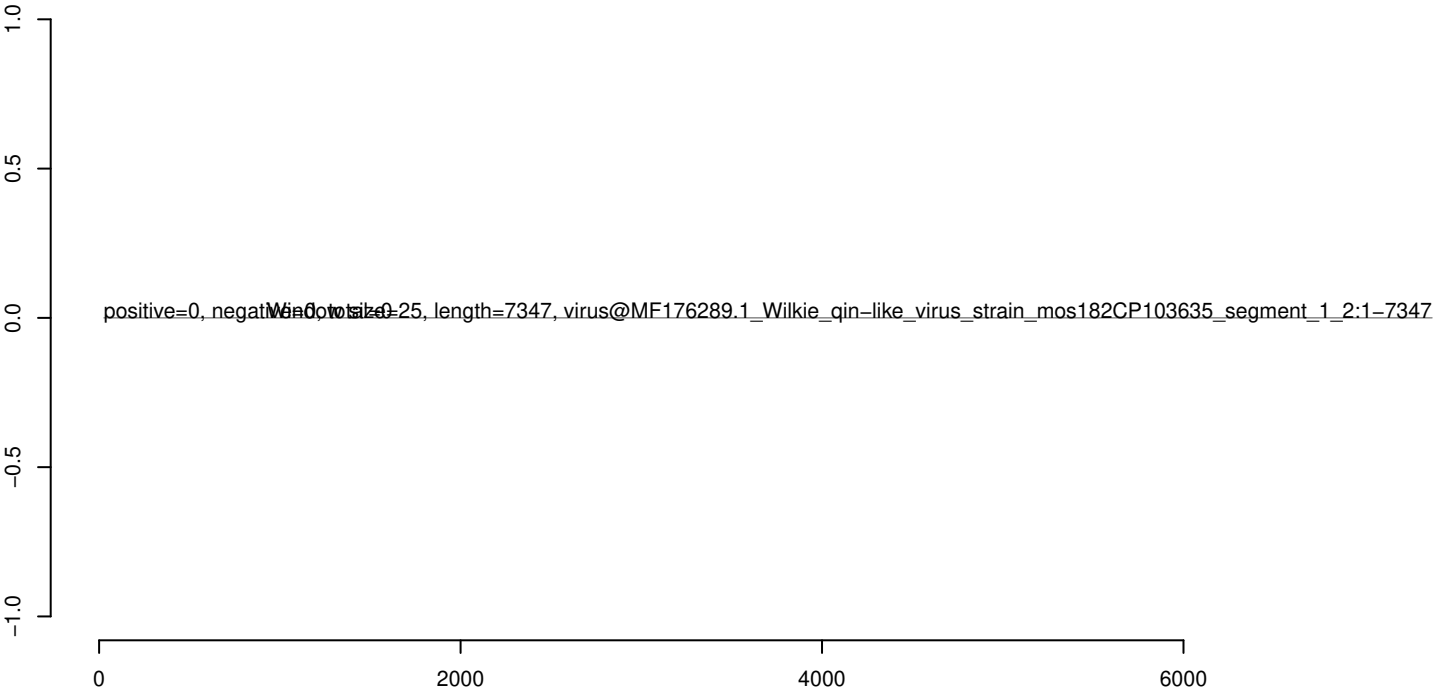
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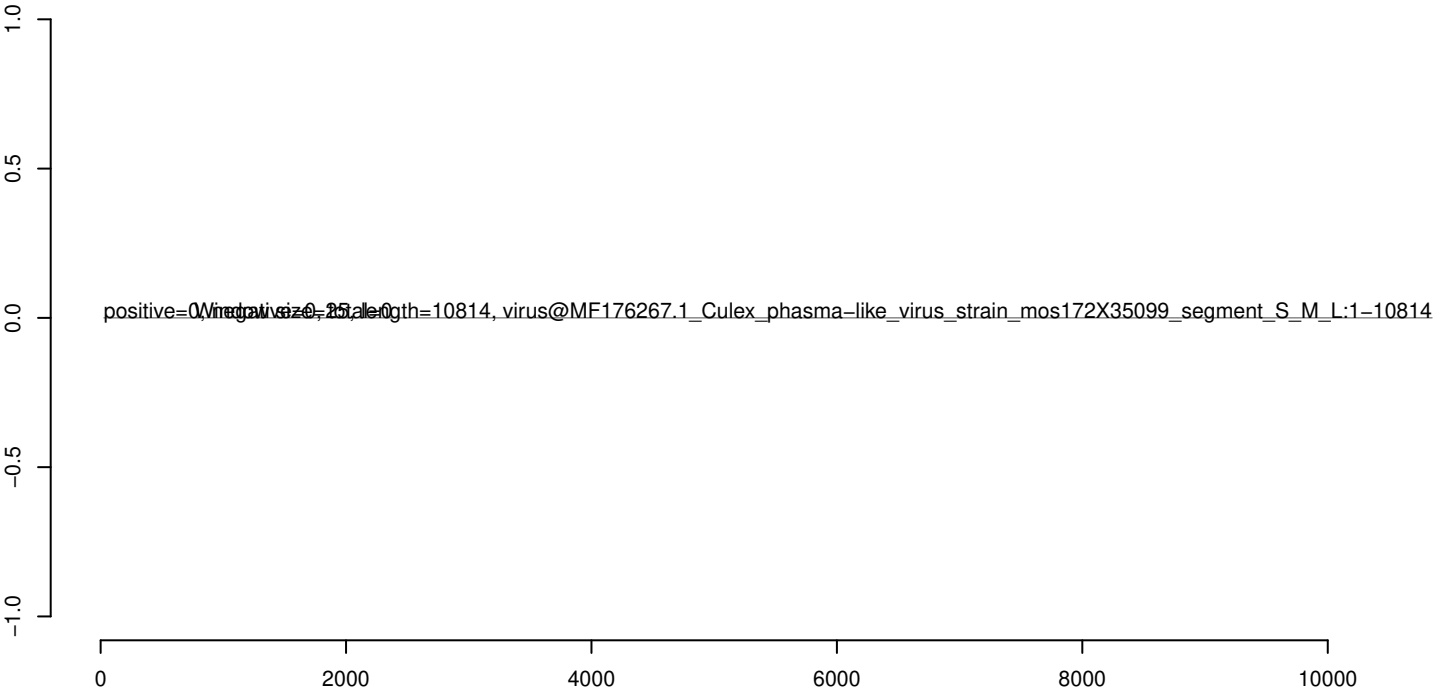
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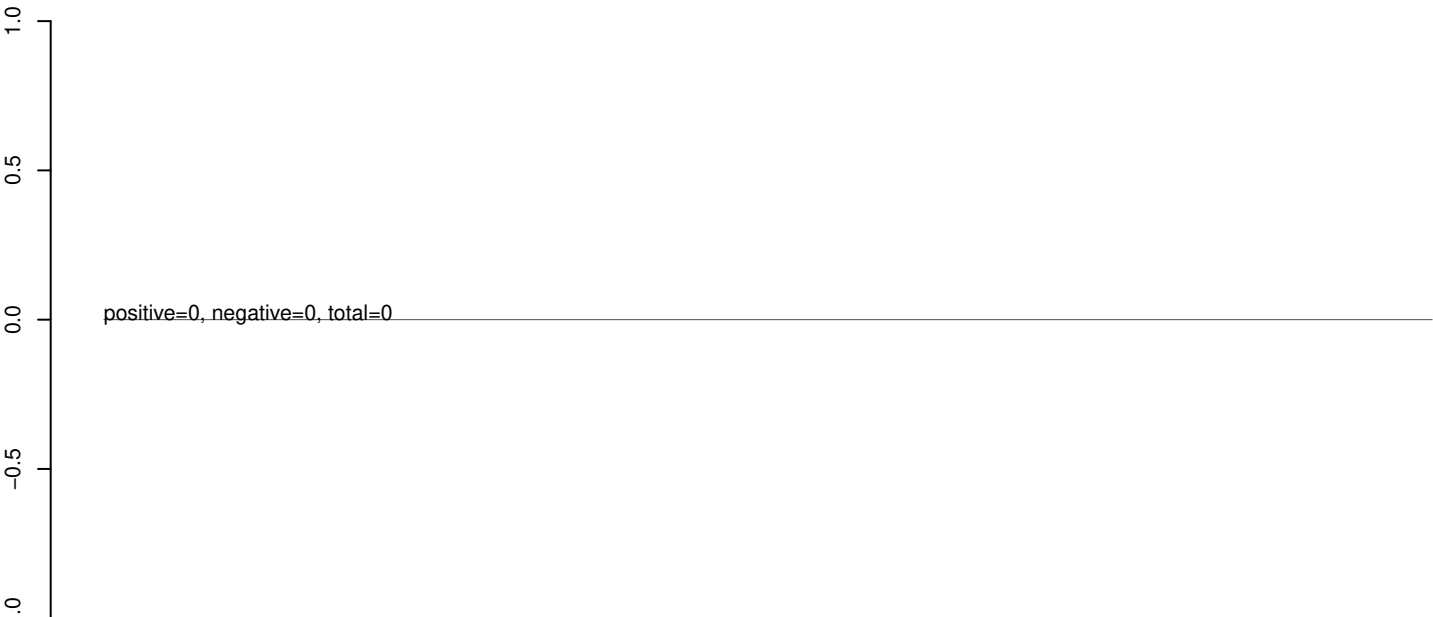
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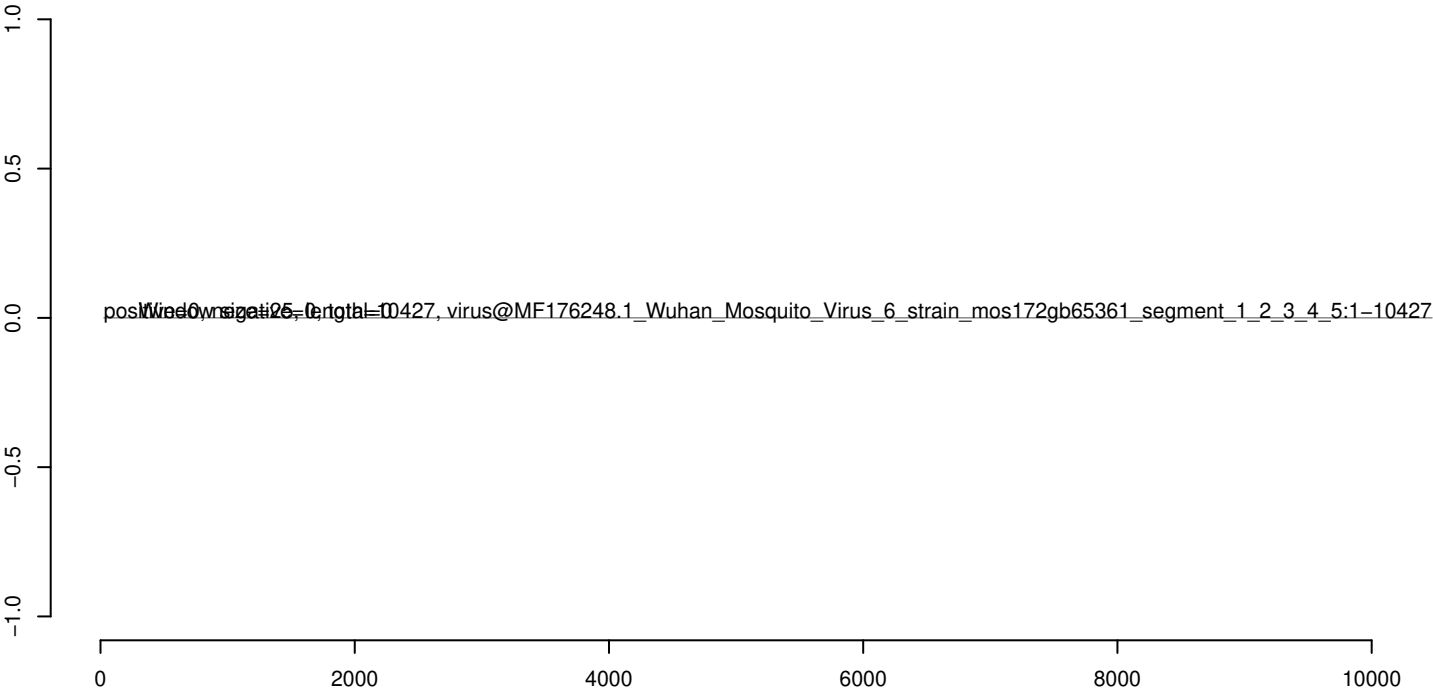
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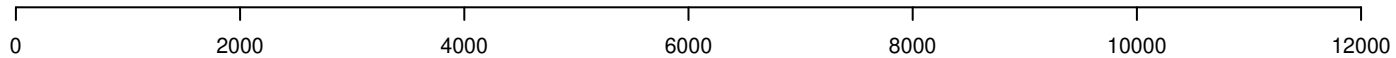
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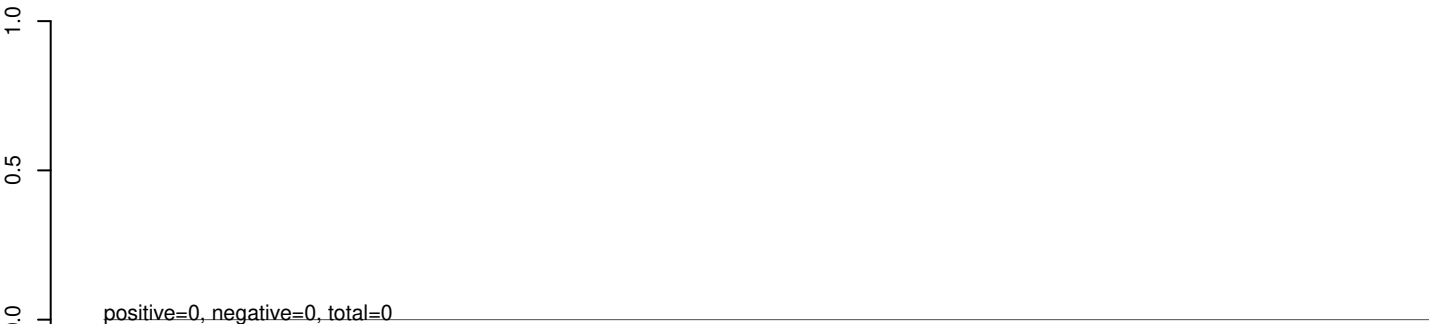
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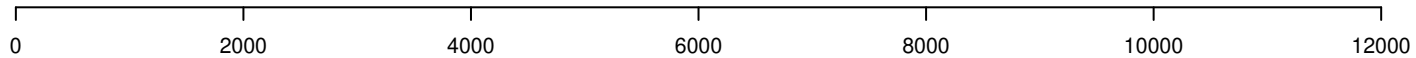
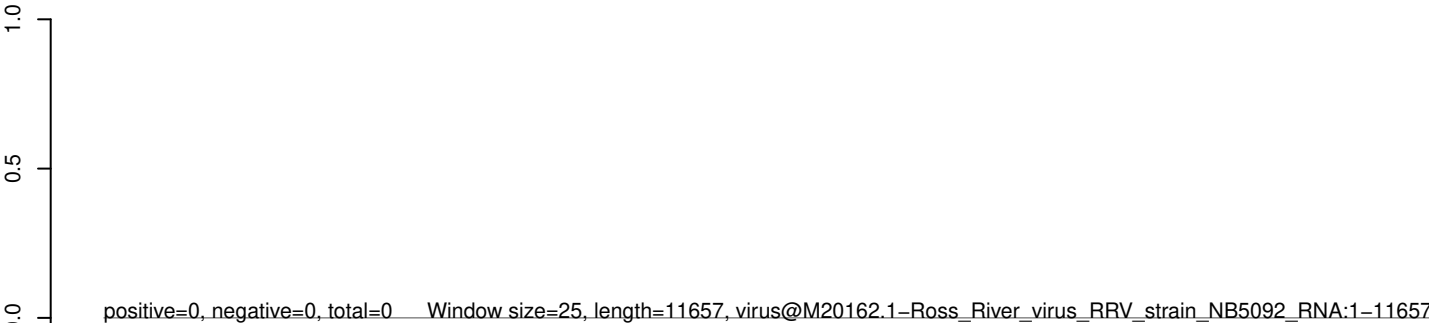
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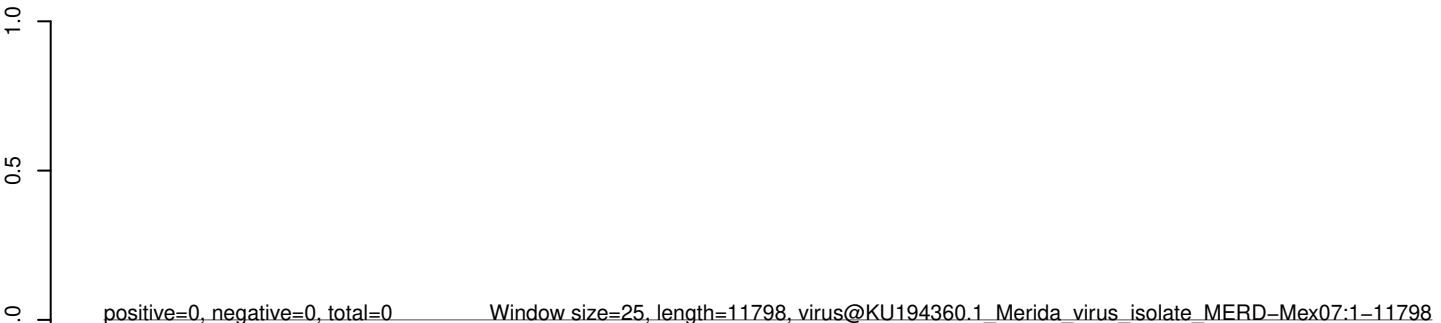
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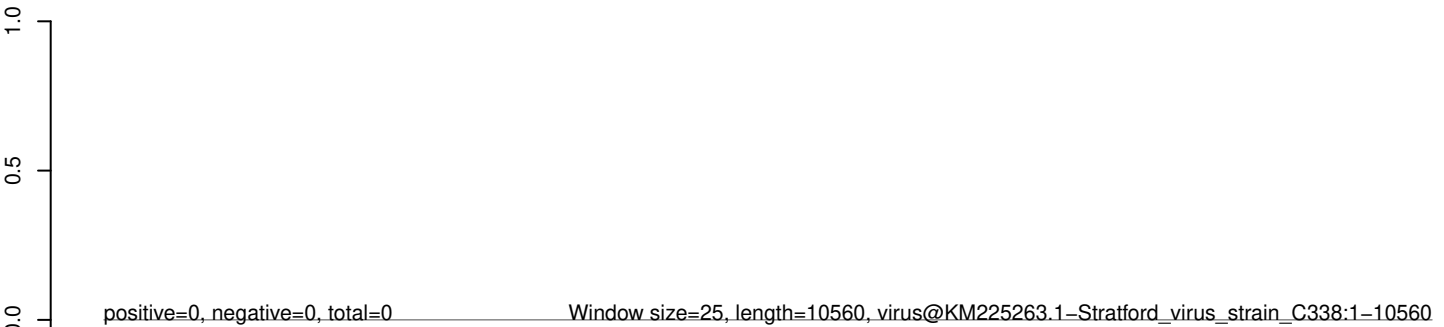
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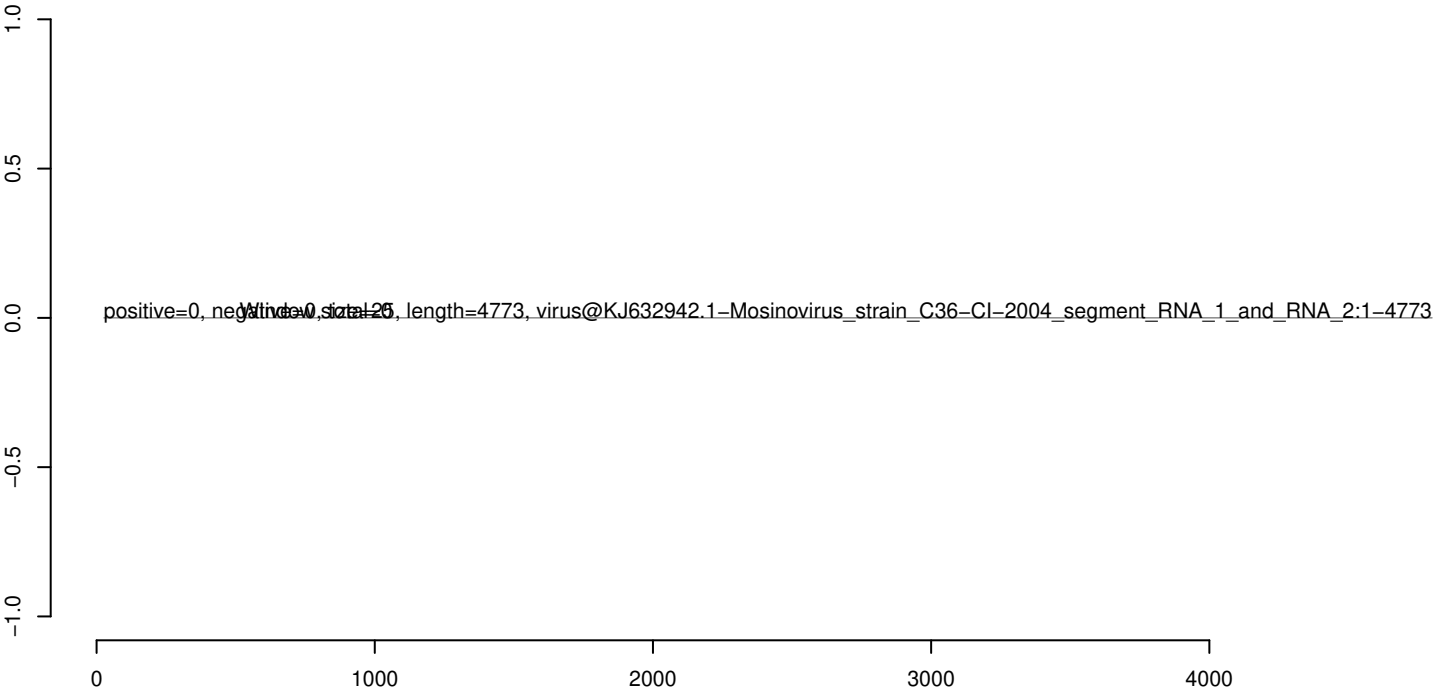
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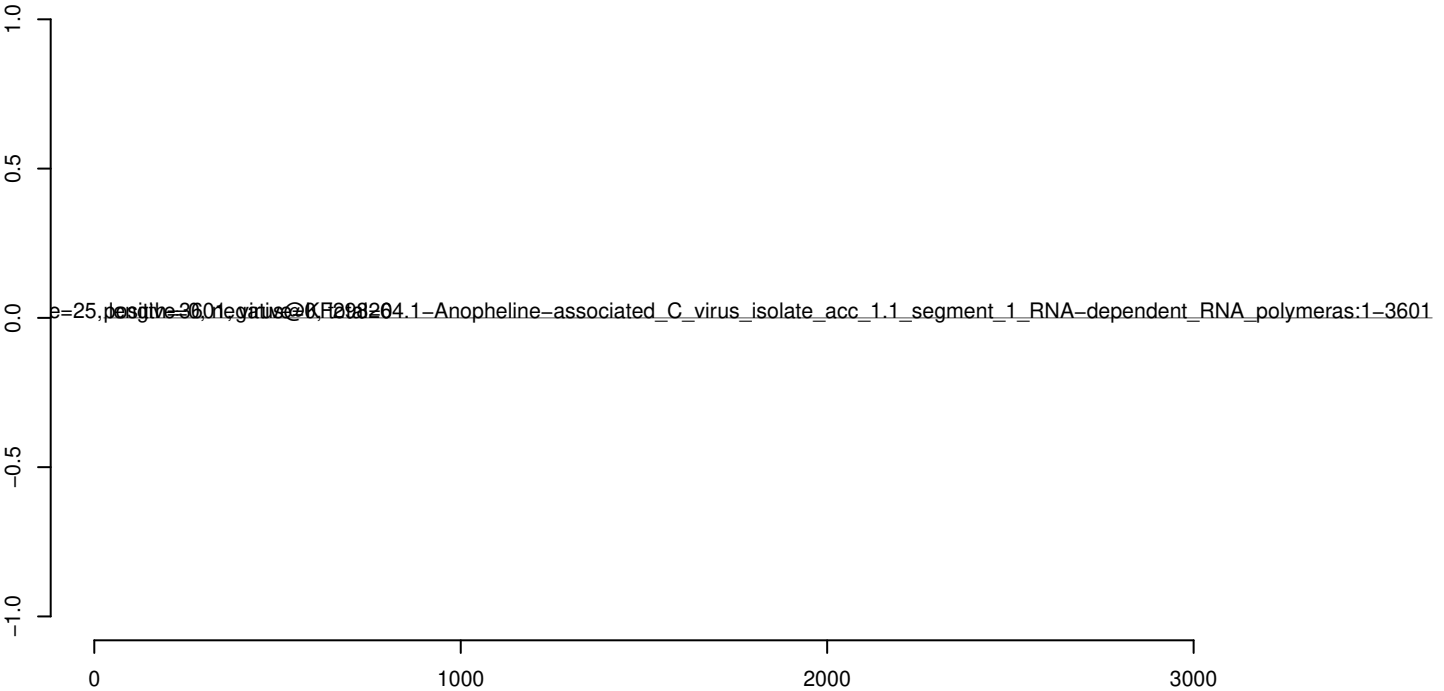
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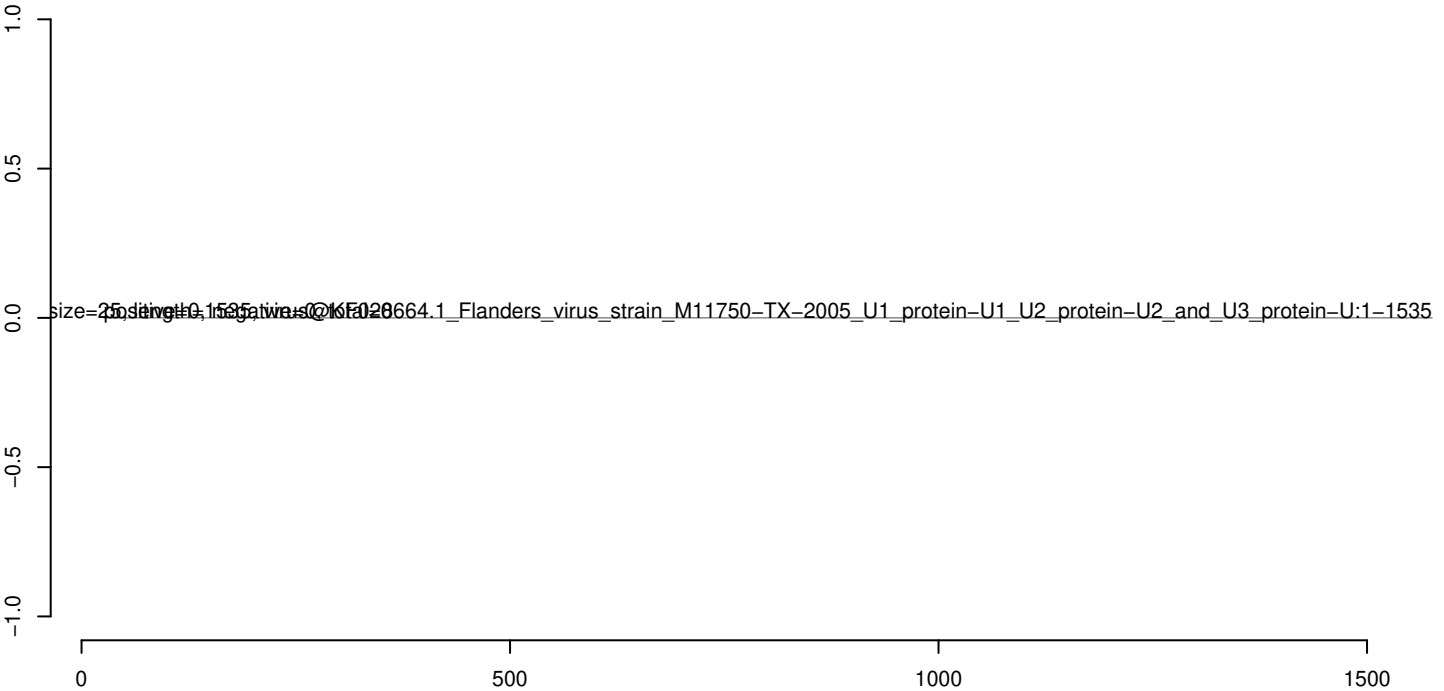
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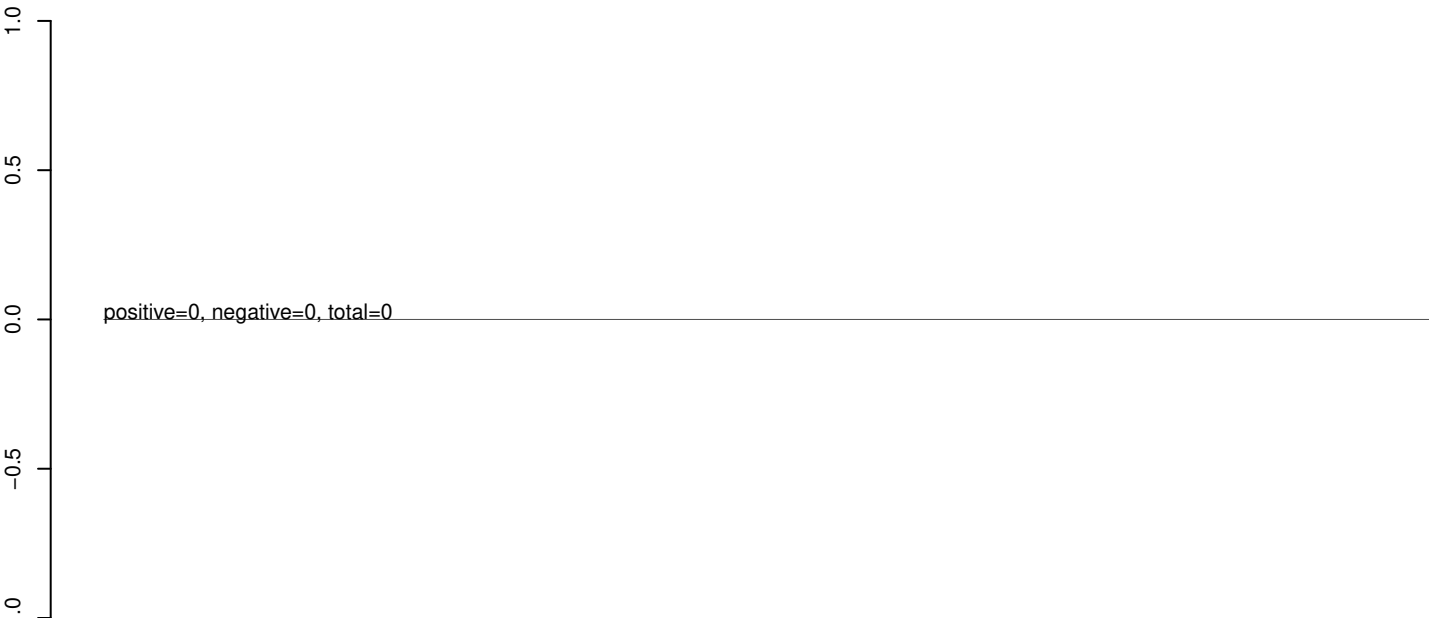
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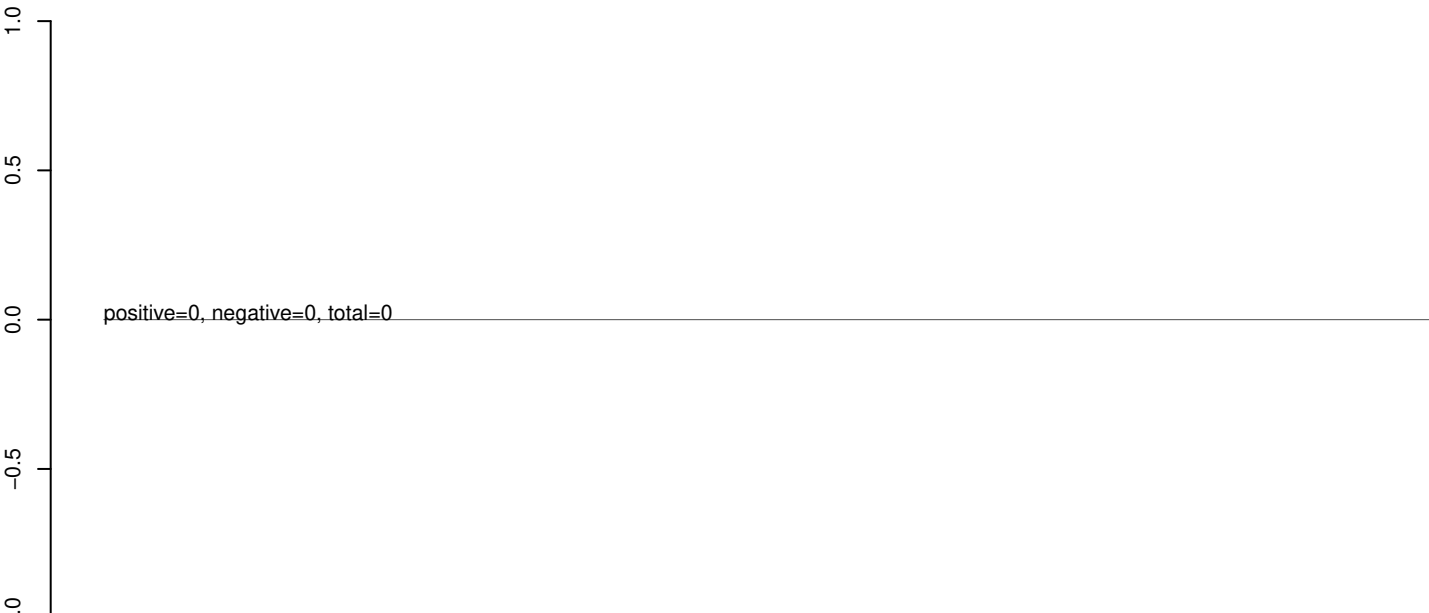
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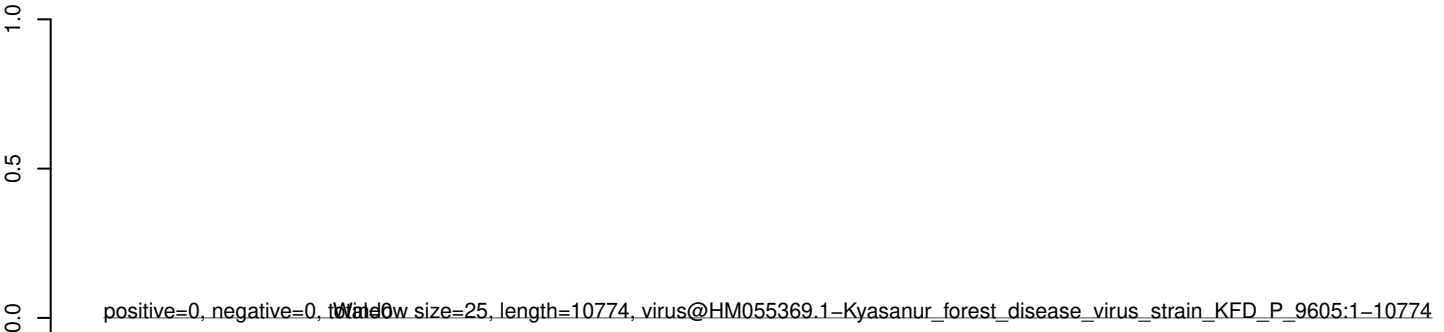
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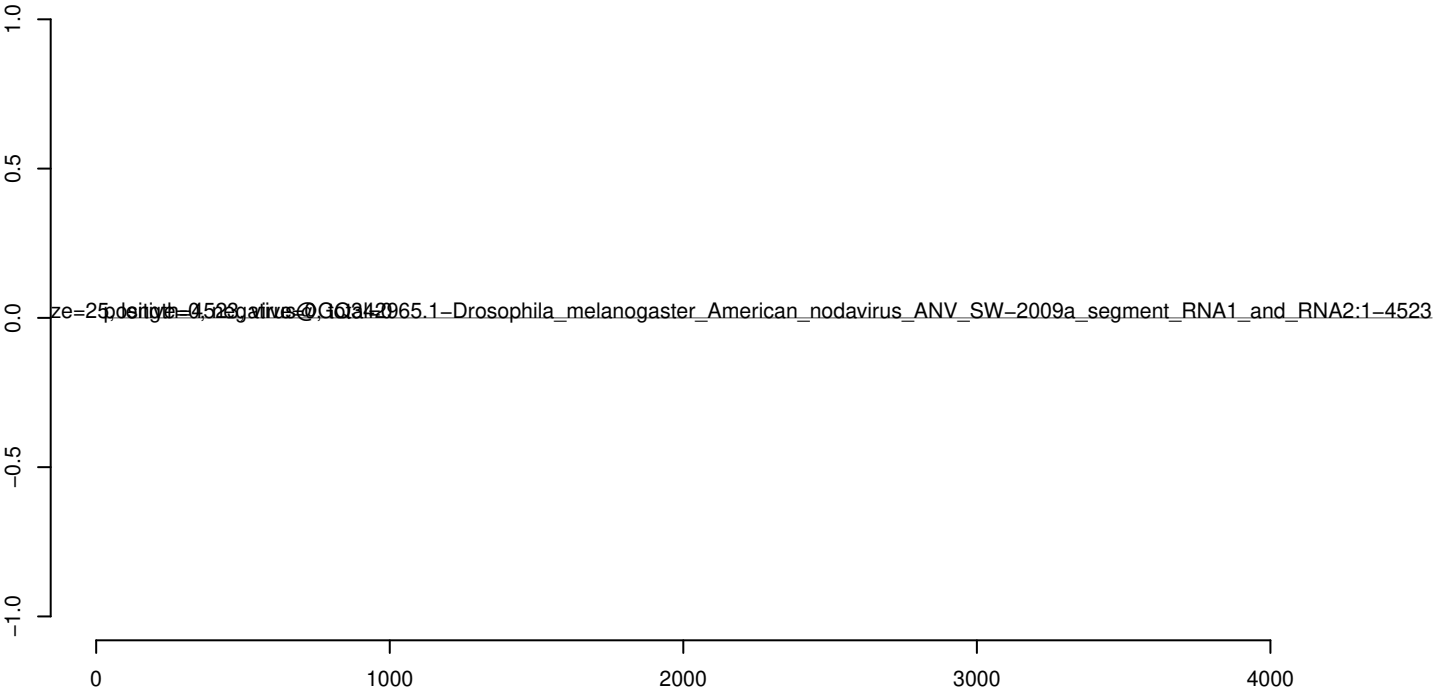
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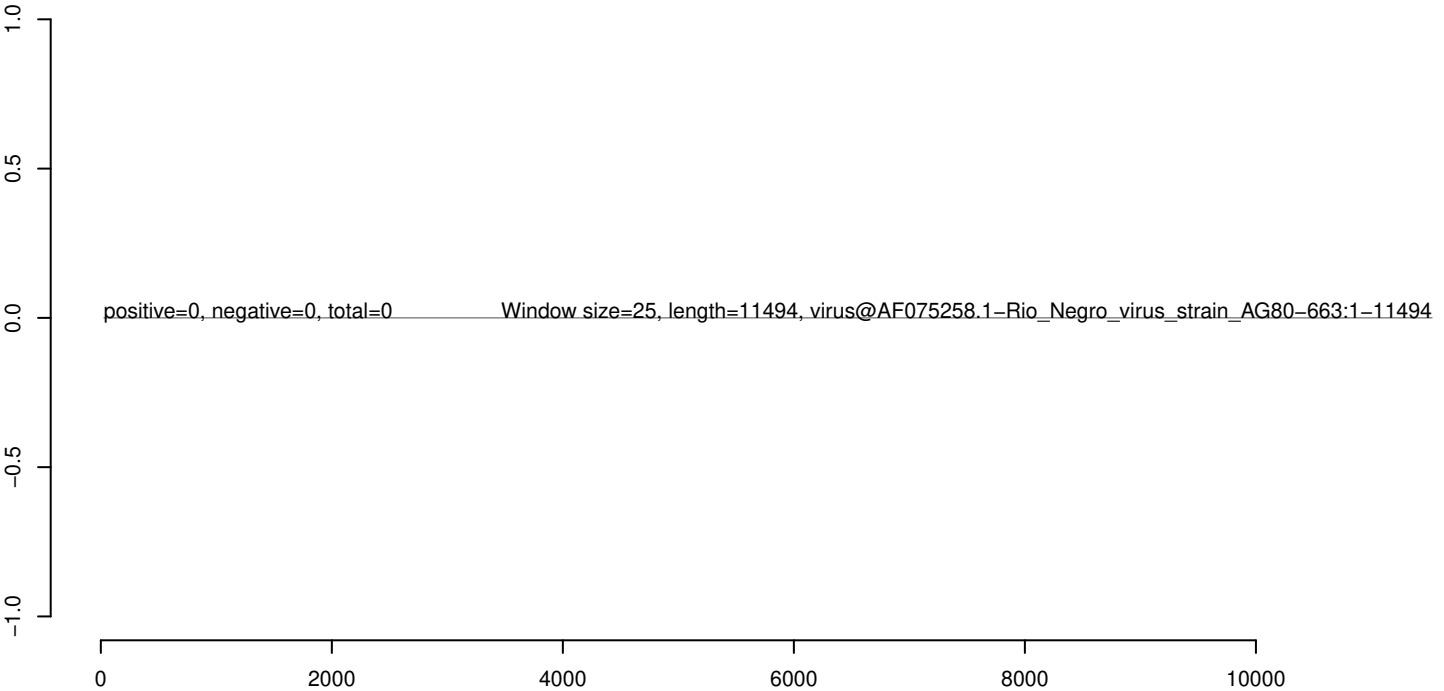
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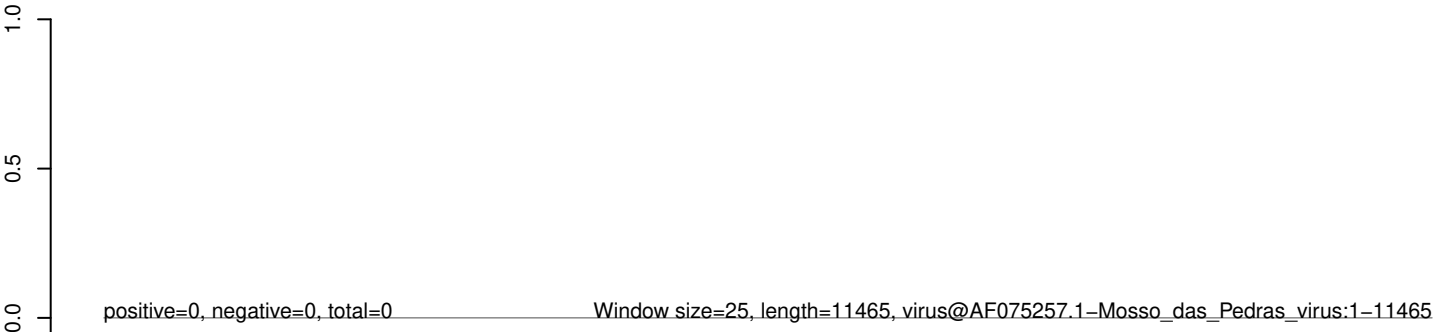
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