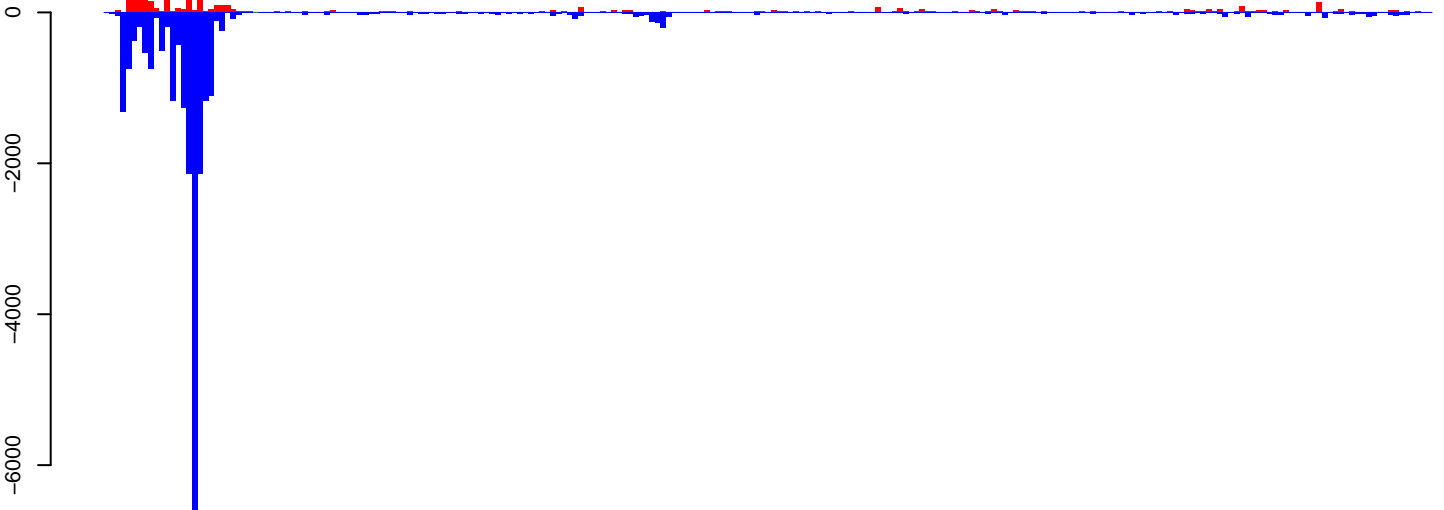


**AeAeg\_Aag2smallRNA\_DENV3\_rep2.18\_23.rep**



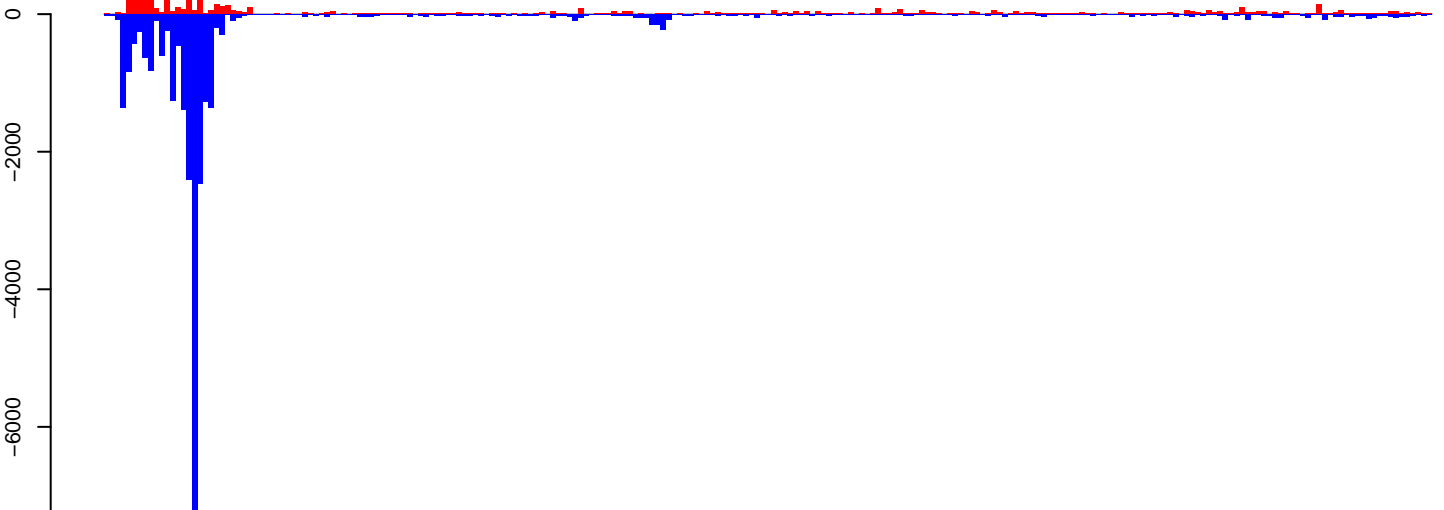
positive=1845, negative=3694, total=5539

**AeAeg\_Aag2smallRNA\_DENV3\_rep2.24\_35.rep**



positive=5518, negative=25291, total=30809

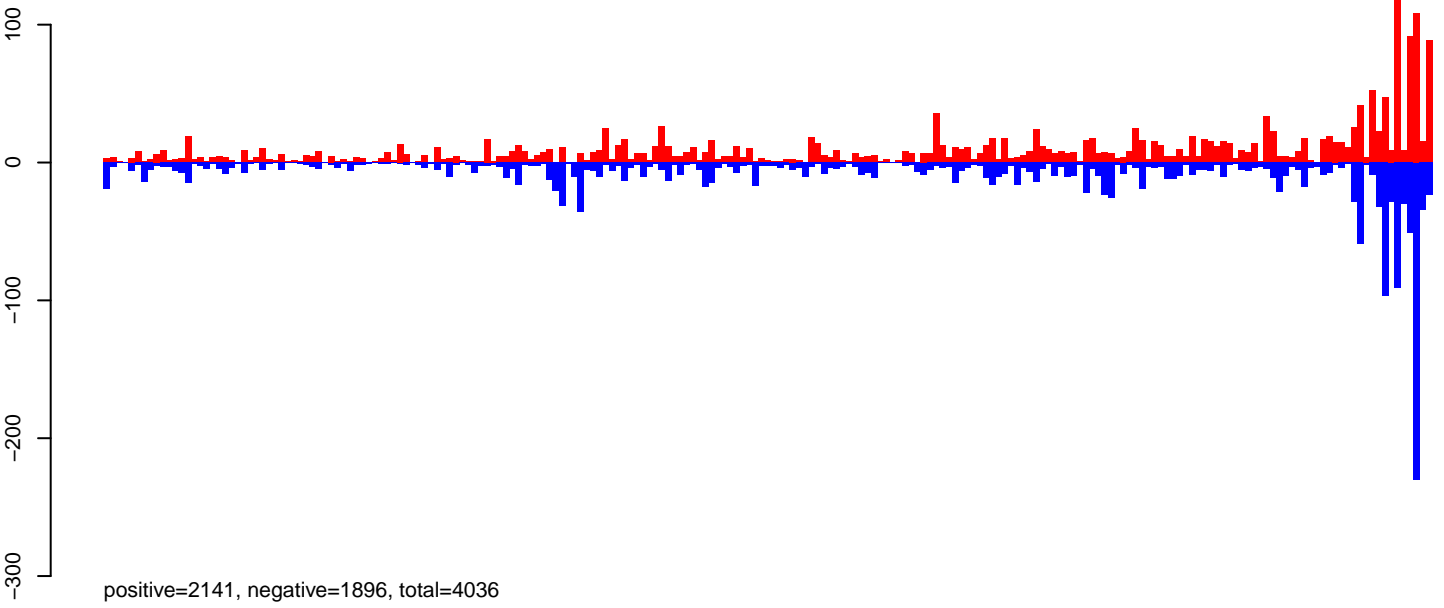
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.rep**



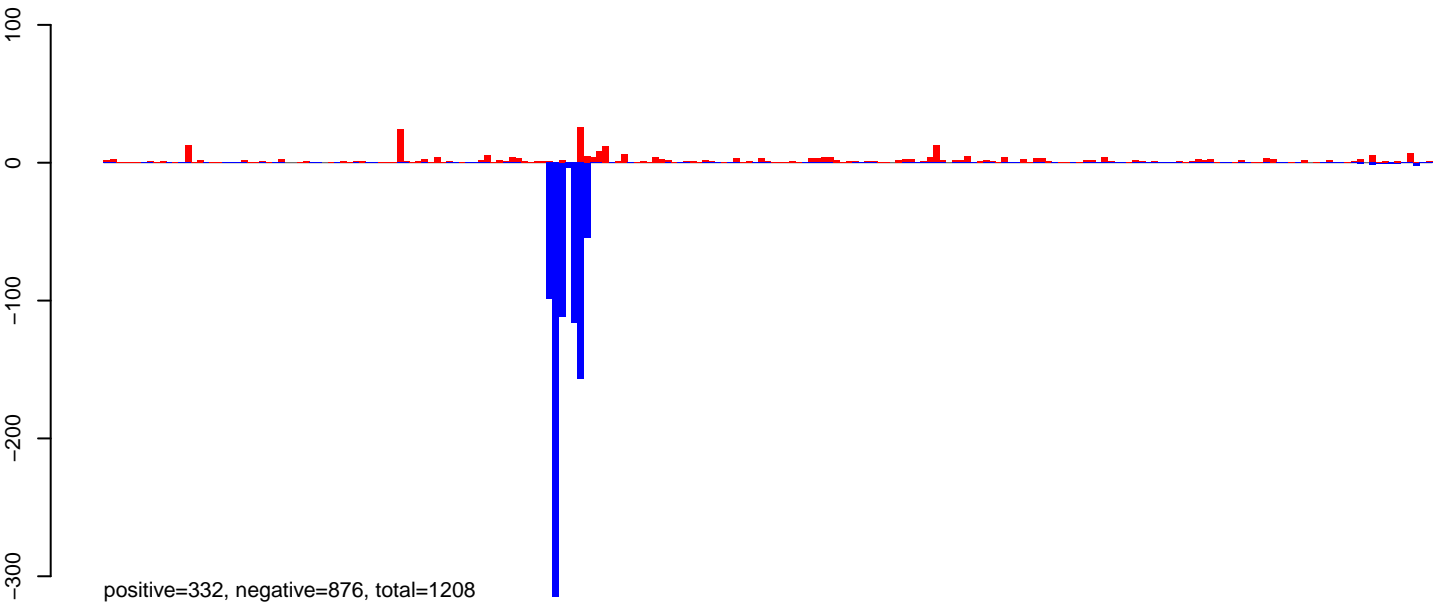
2099, positive=4363, negative=28935, total=33304, virus\_isolate\_Rio\_segment\_S\_plus\_segment\_M\_plus\_segment\_L\_Nucleocapsid\_gene:1-12099

0 2000 4000 6000 8000 10000 12000

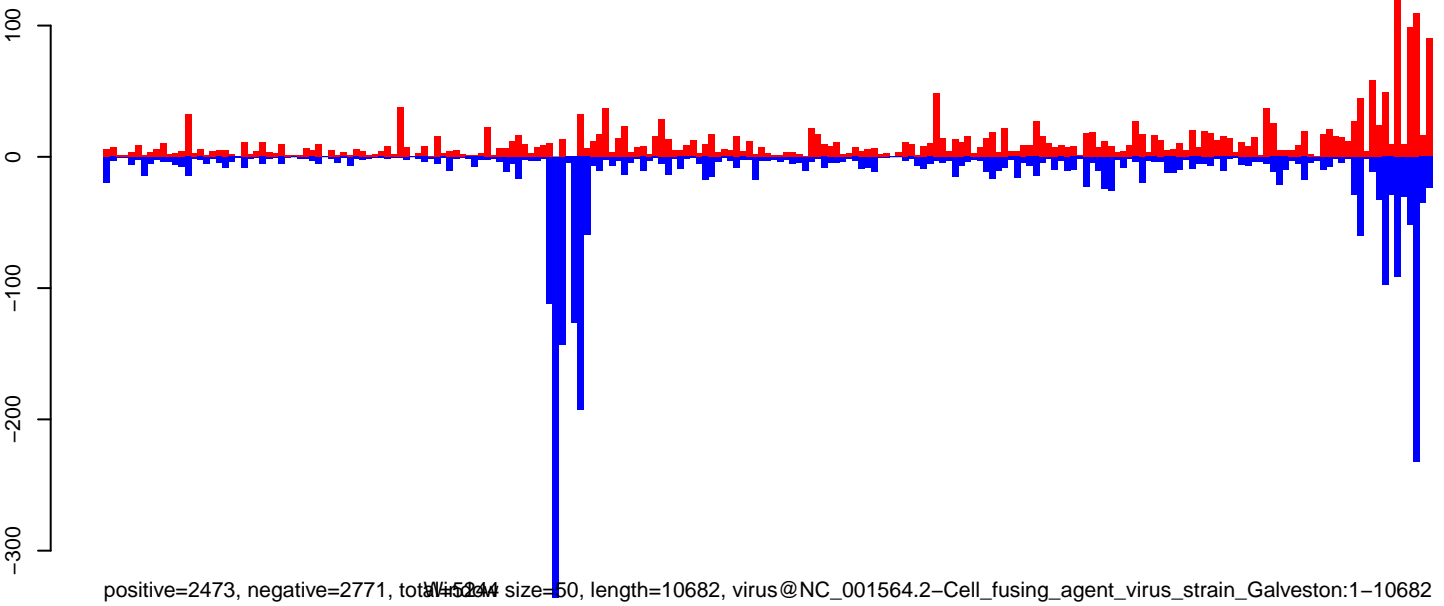
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



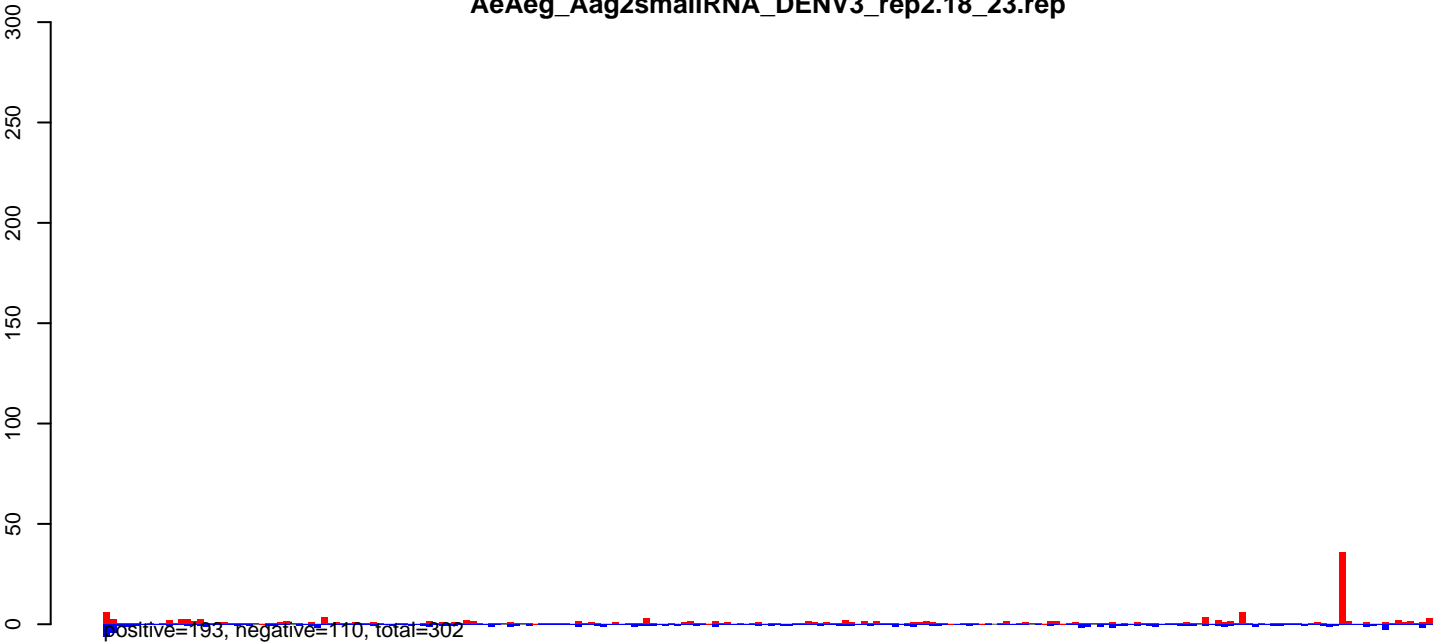
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



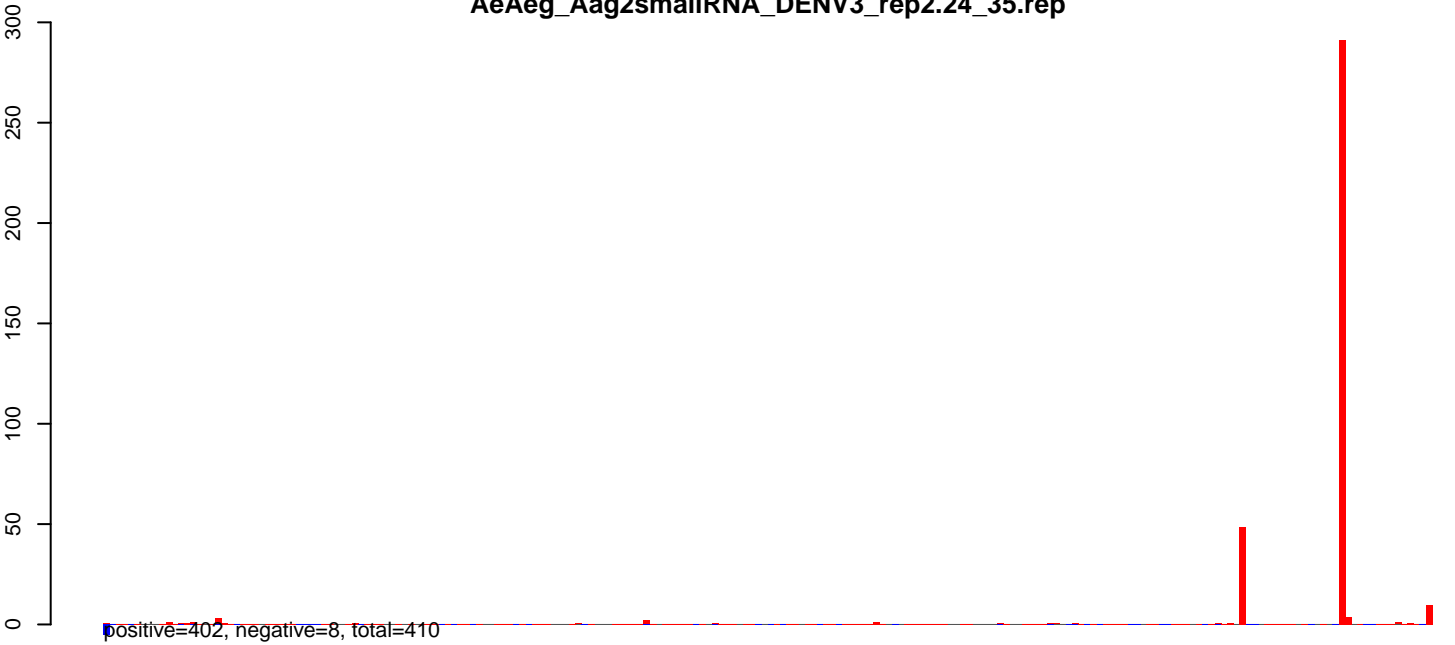
W=50, length=10682, virus@NC\_001564.2-Cell\_fusing\_agent\_virus\_strain\_Galveston:1-10682

0 2000 4000 6000 8000 10000

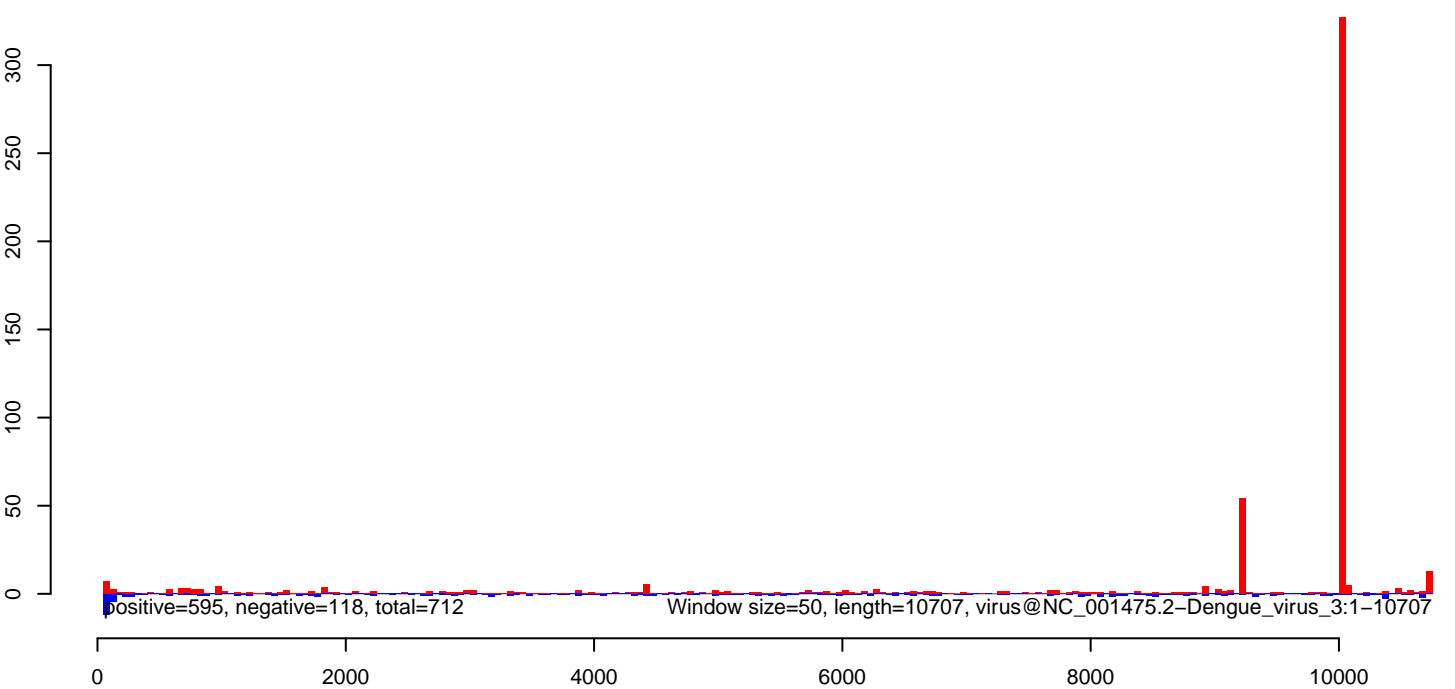
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



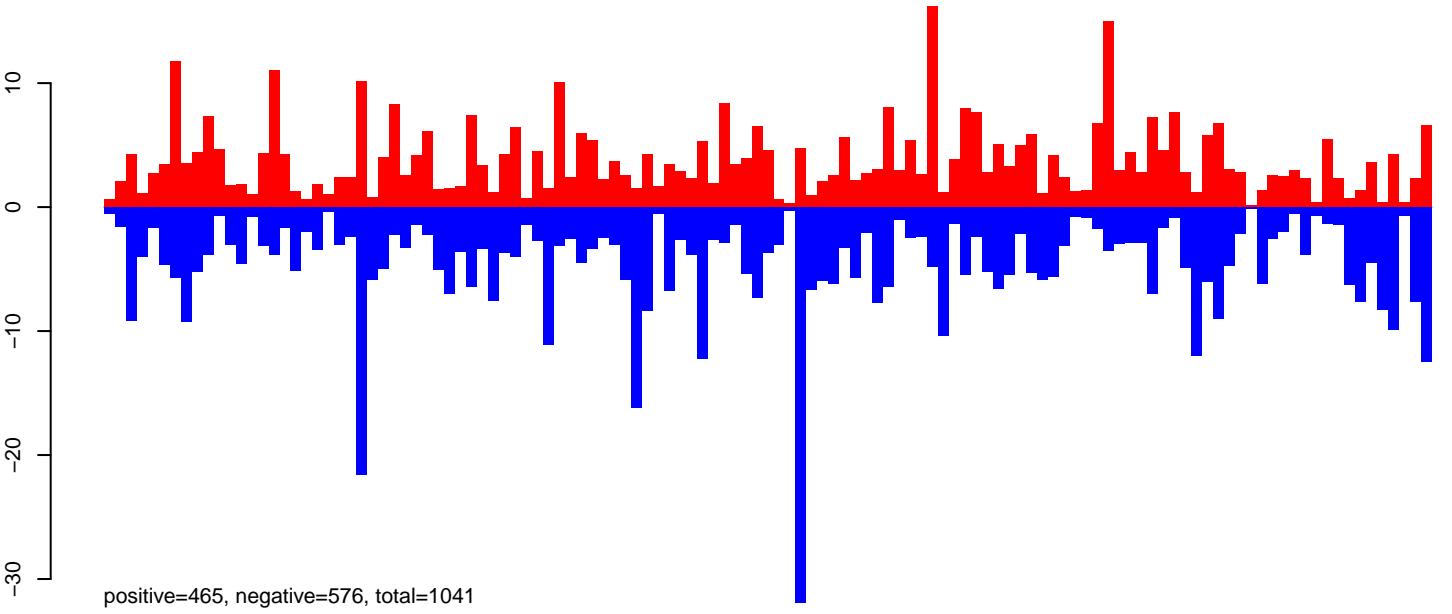
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



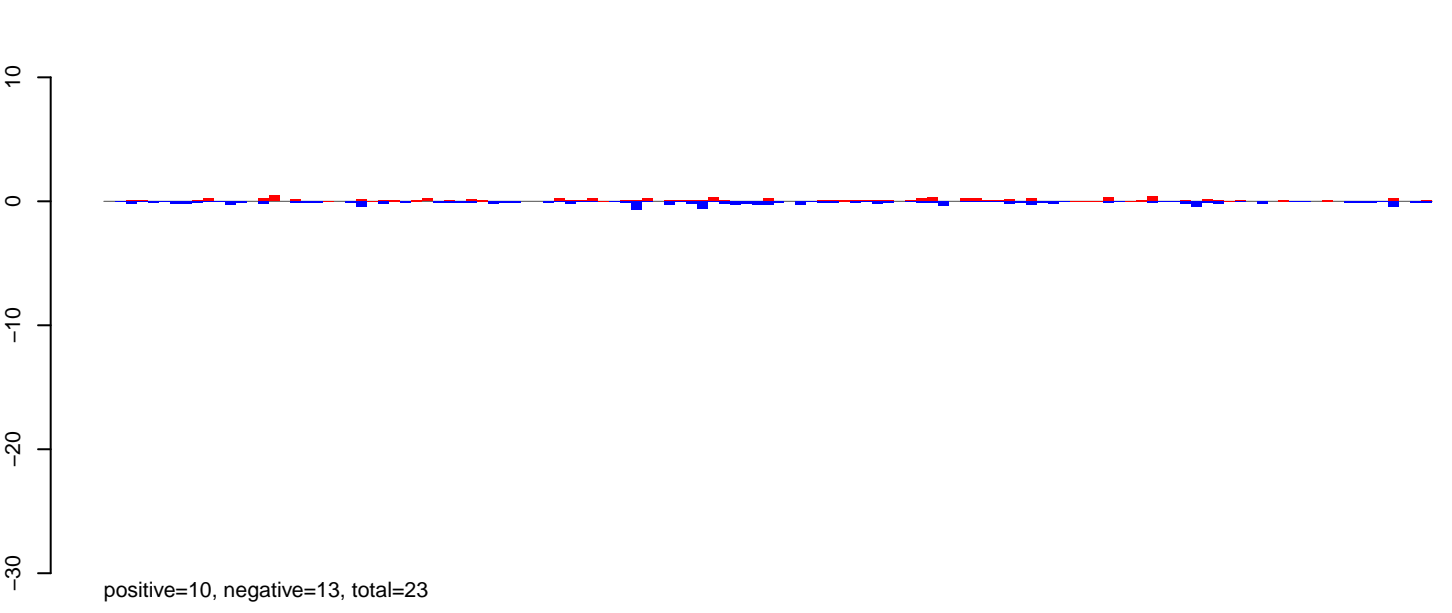
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



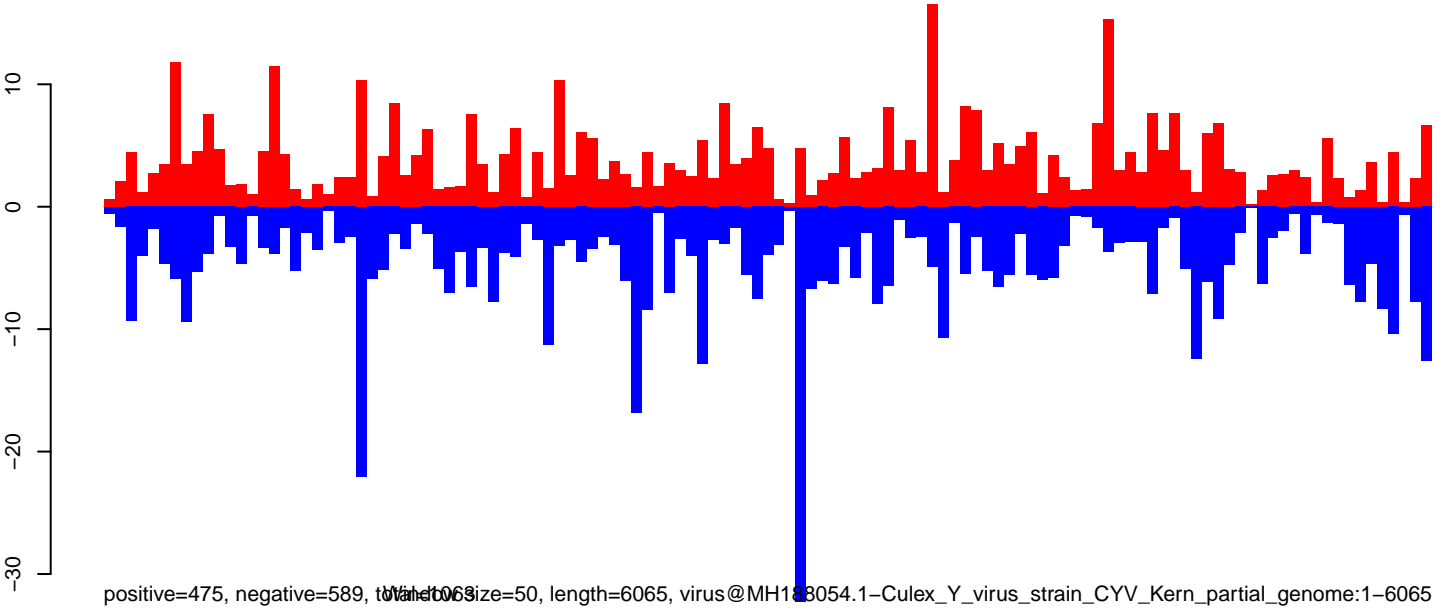
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



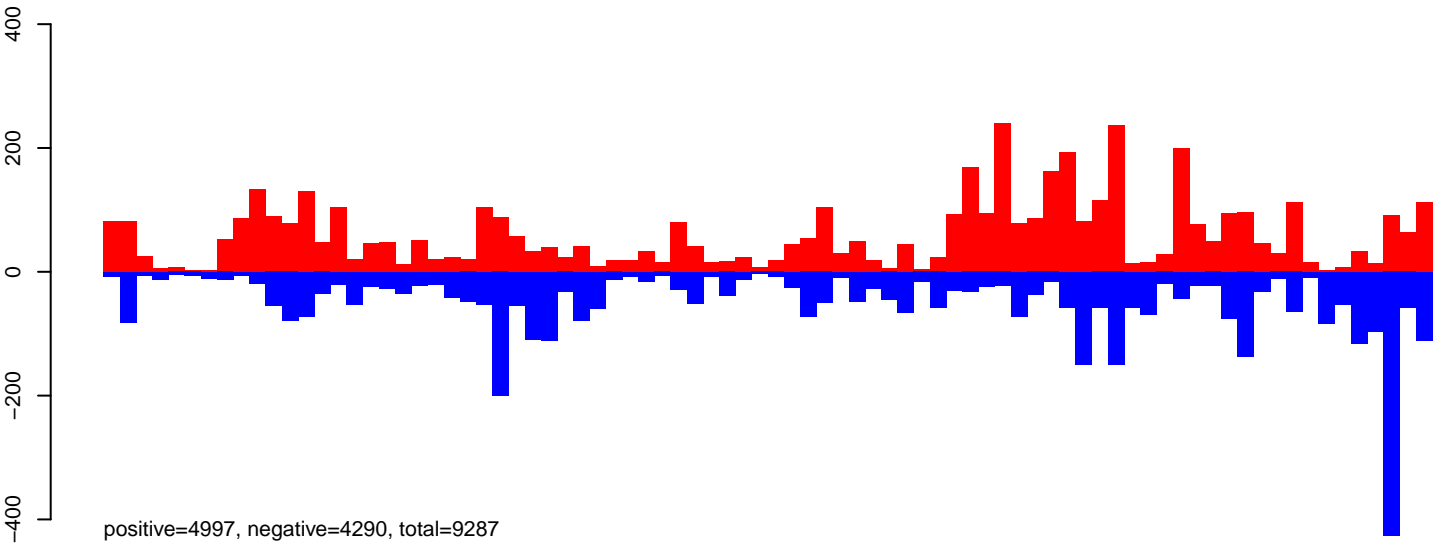
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



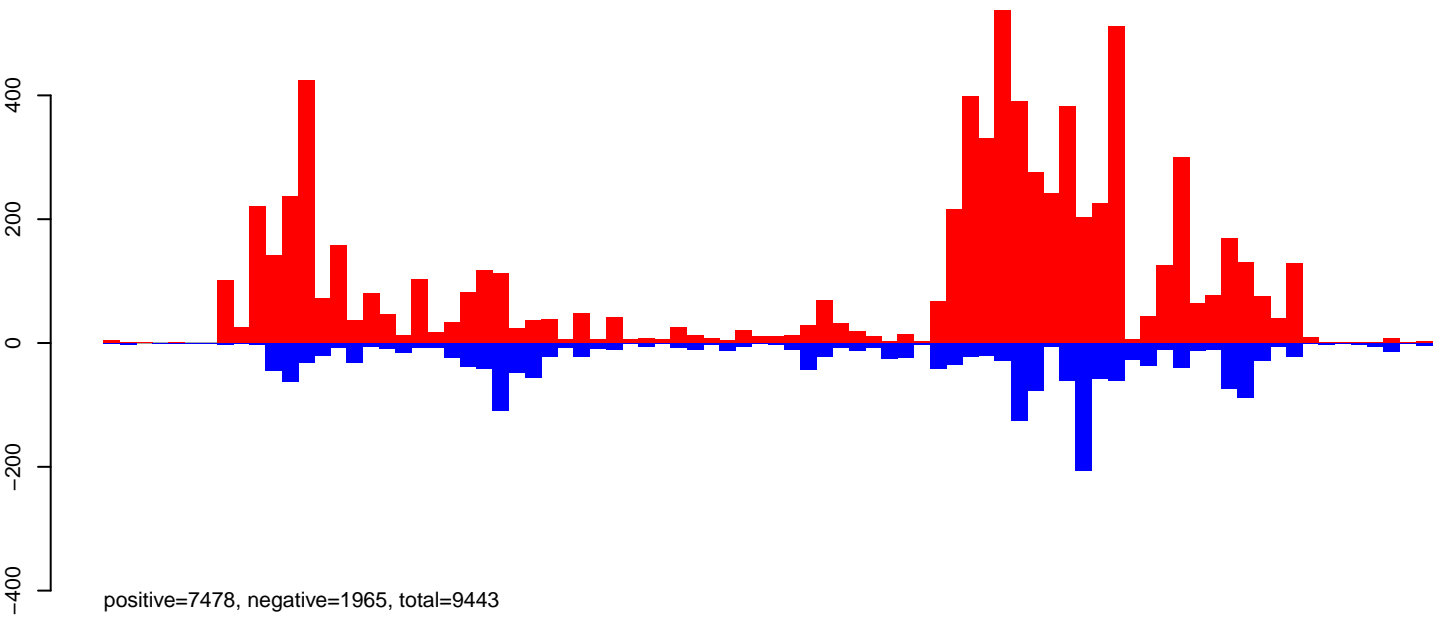
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



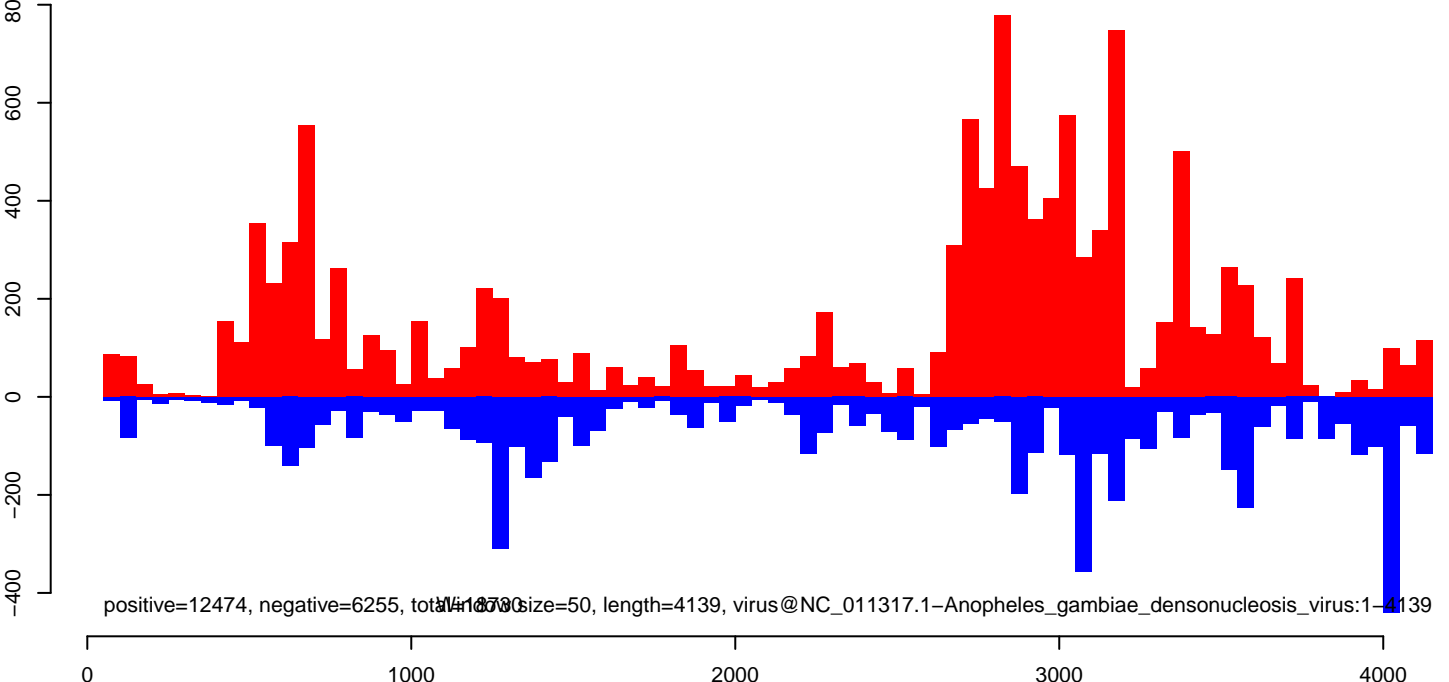
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



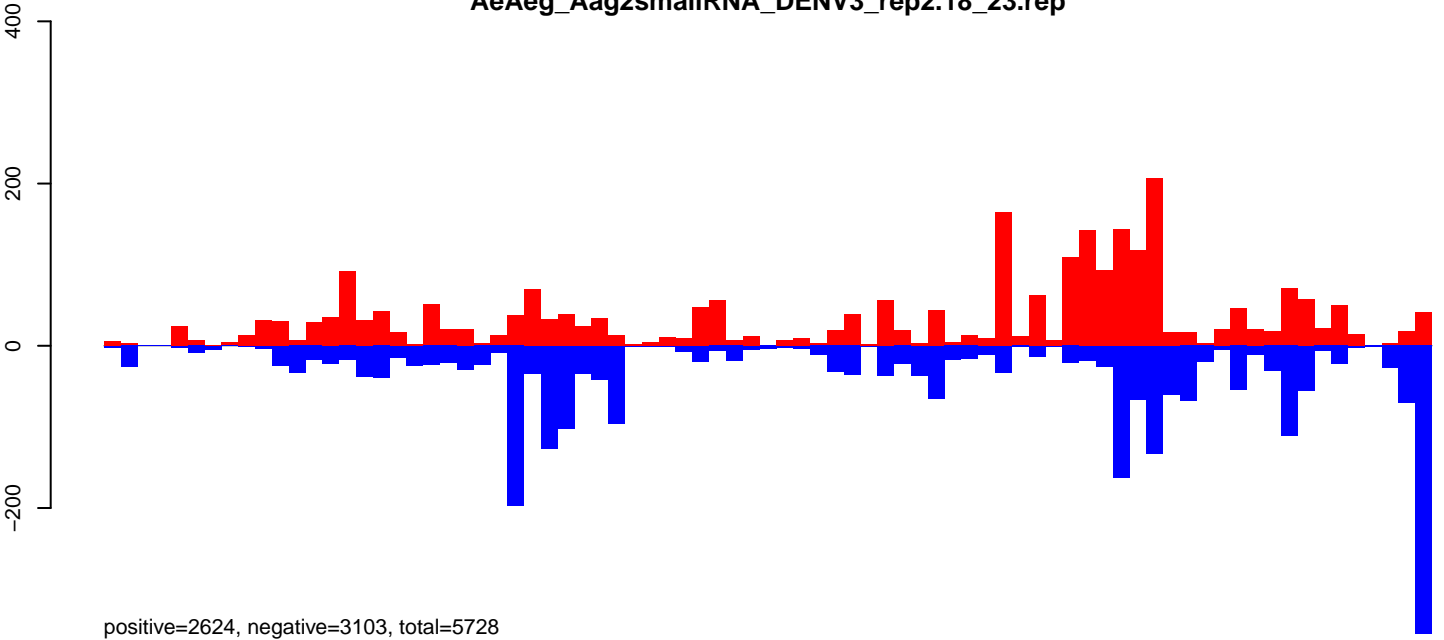
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



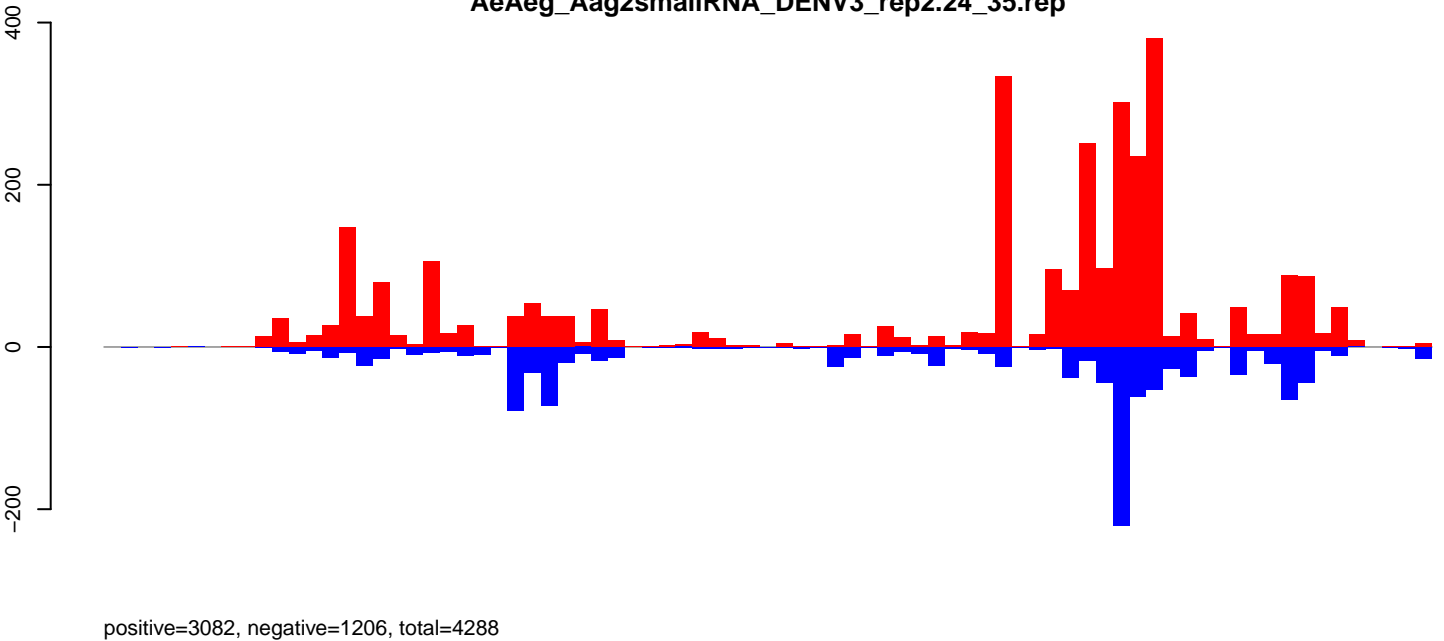
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



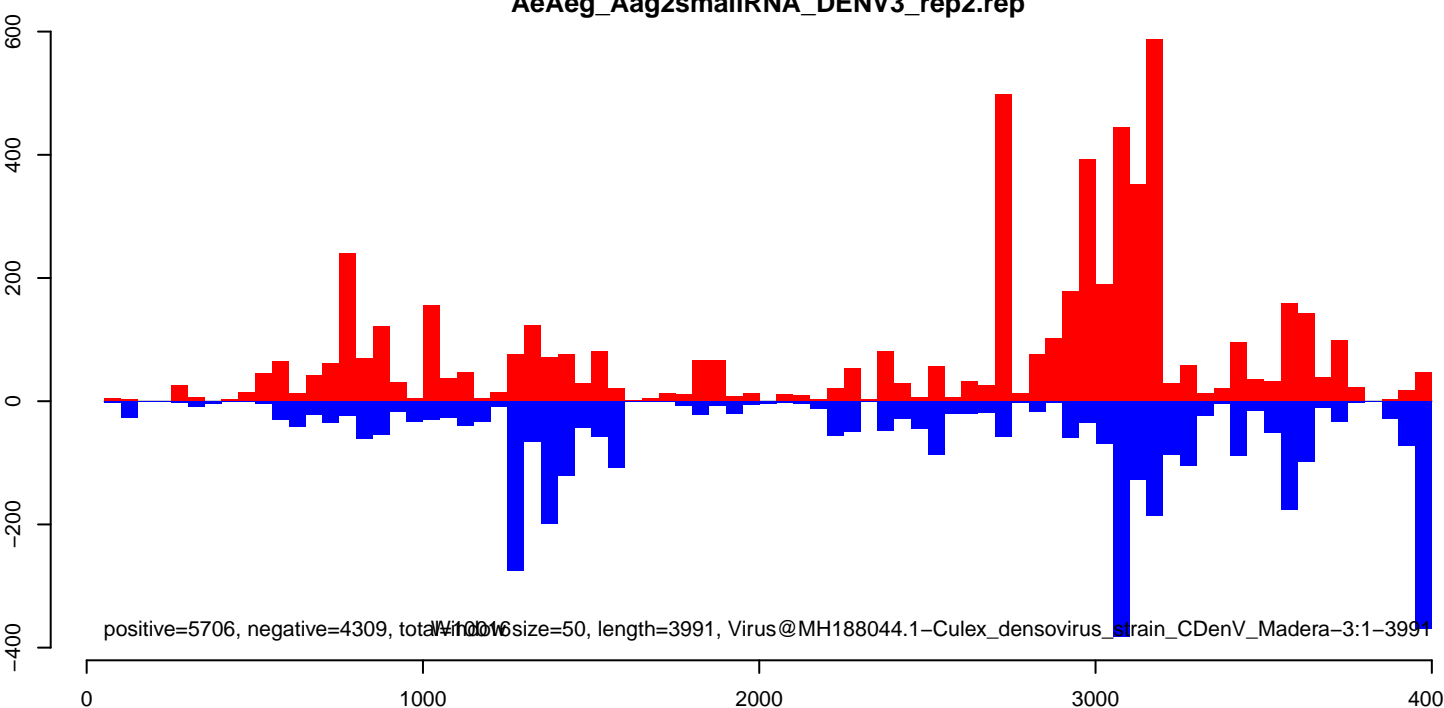
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



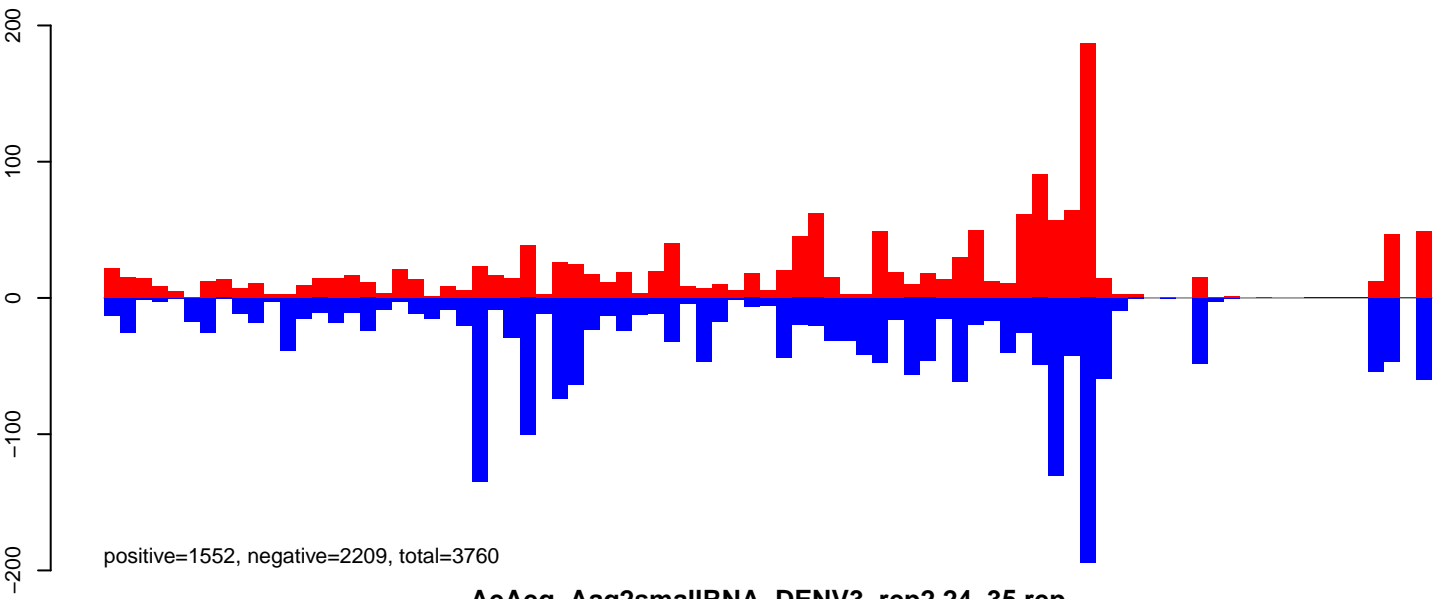
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



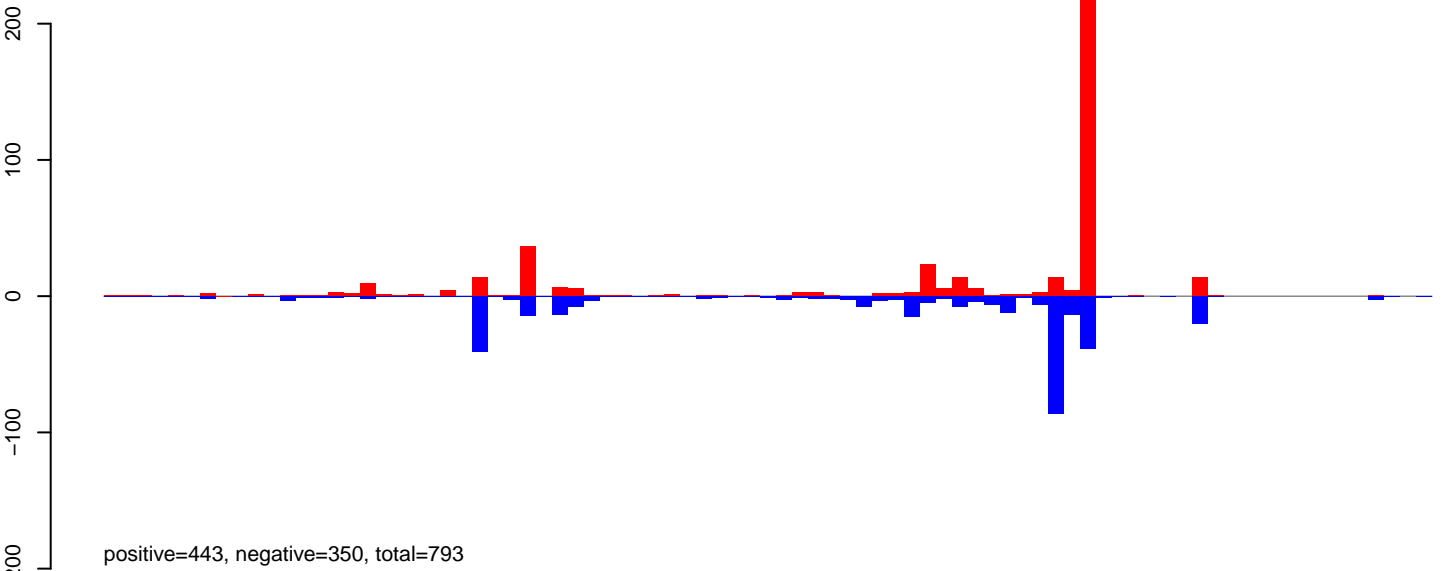
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



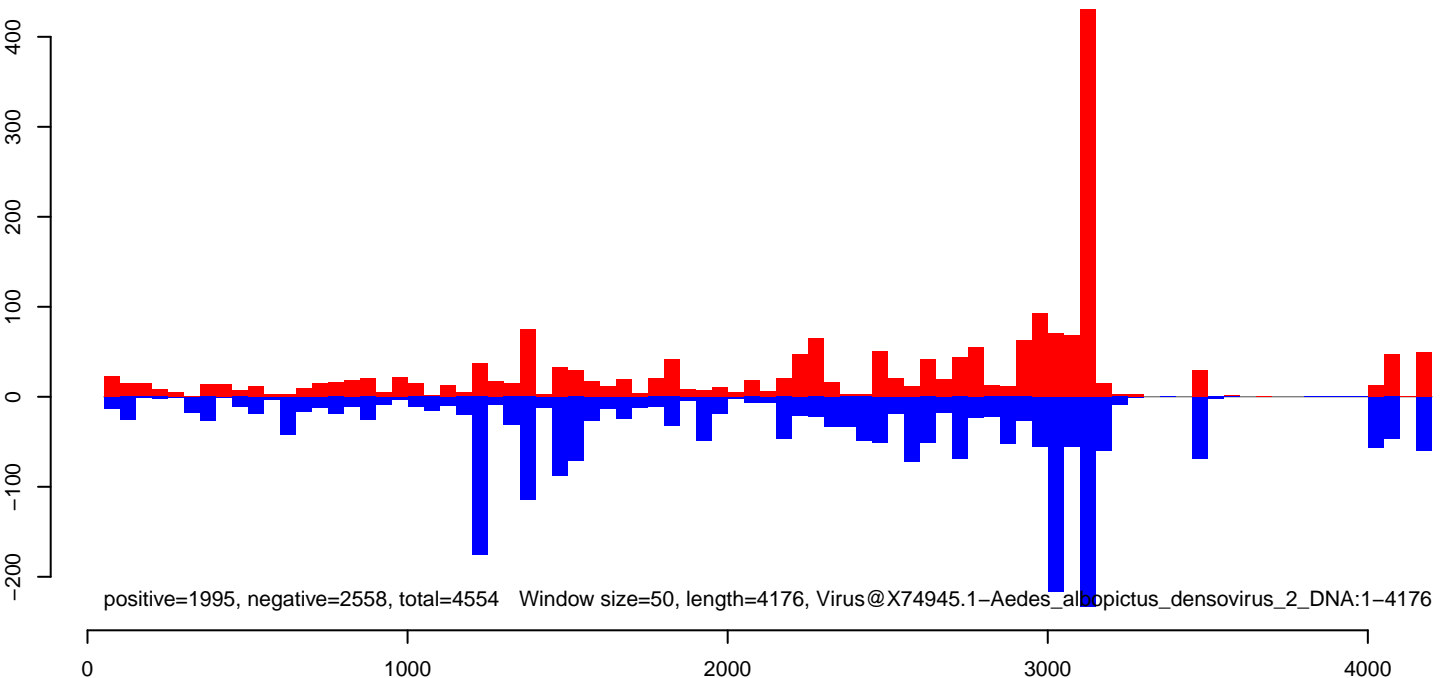
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



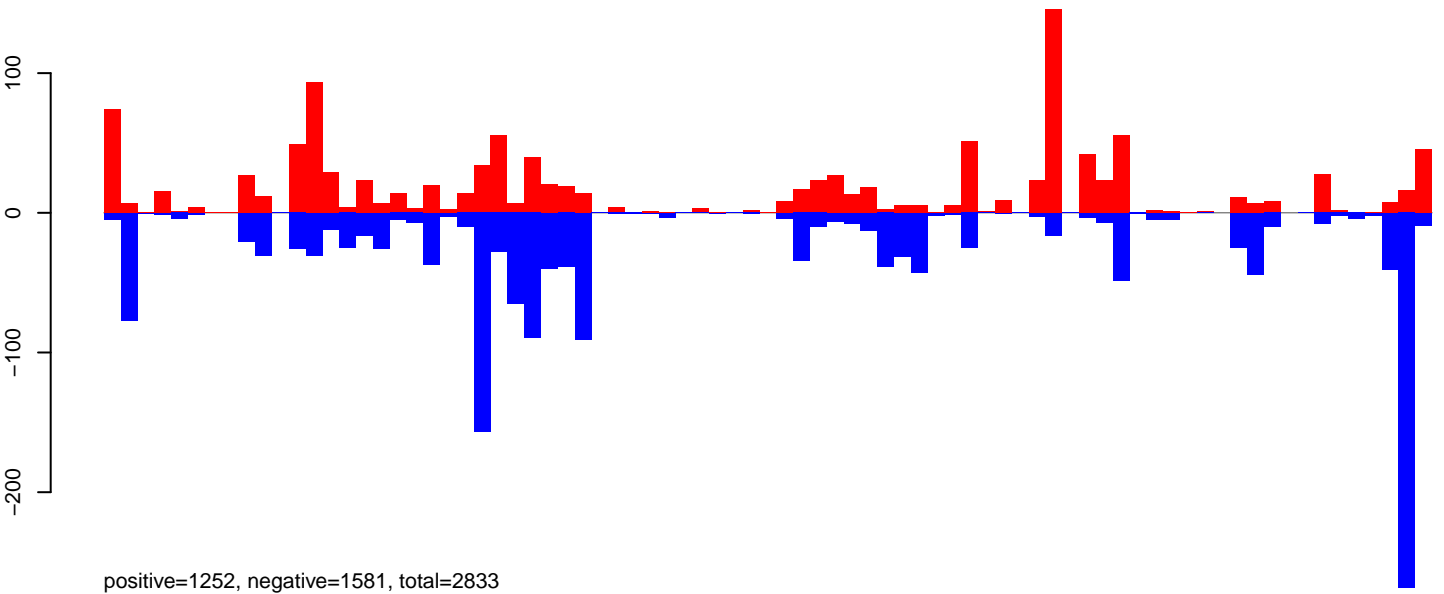
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



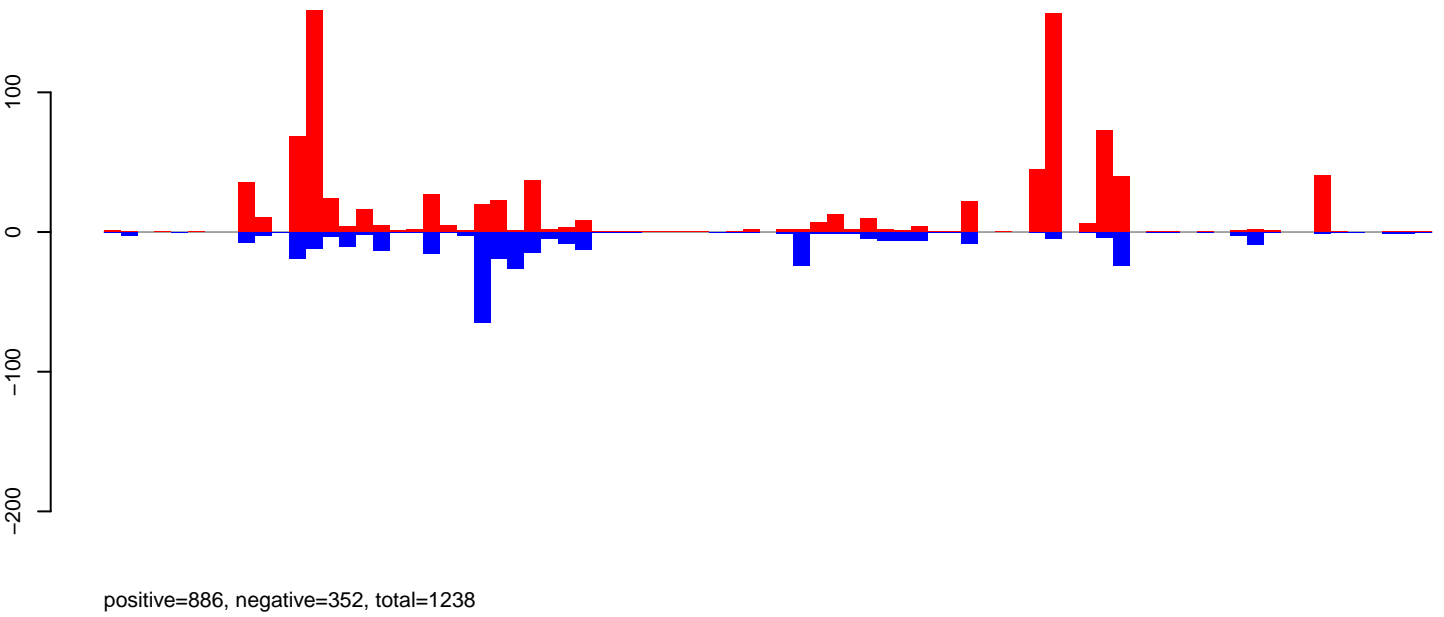
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



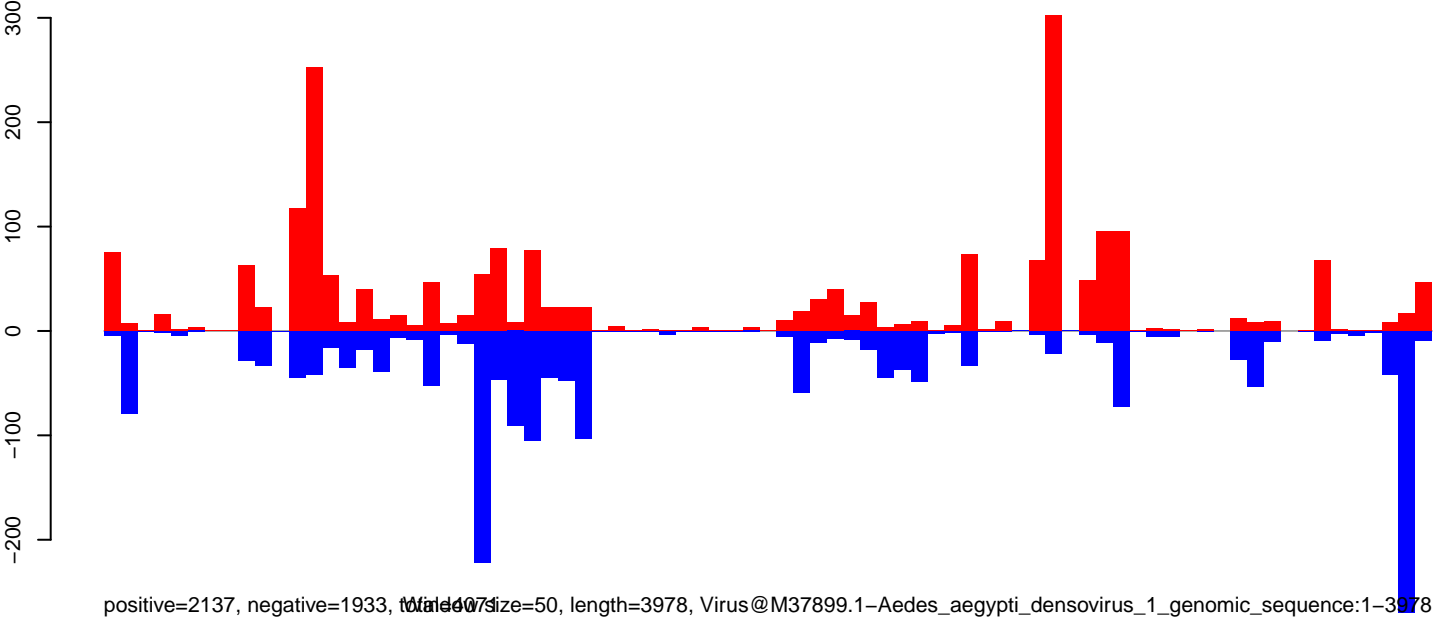
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep

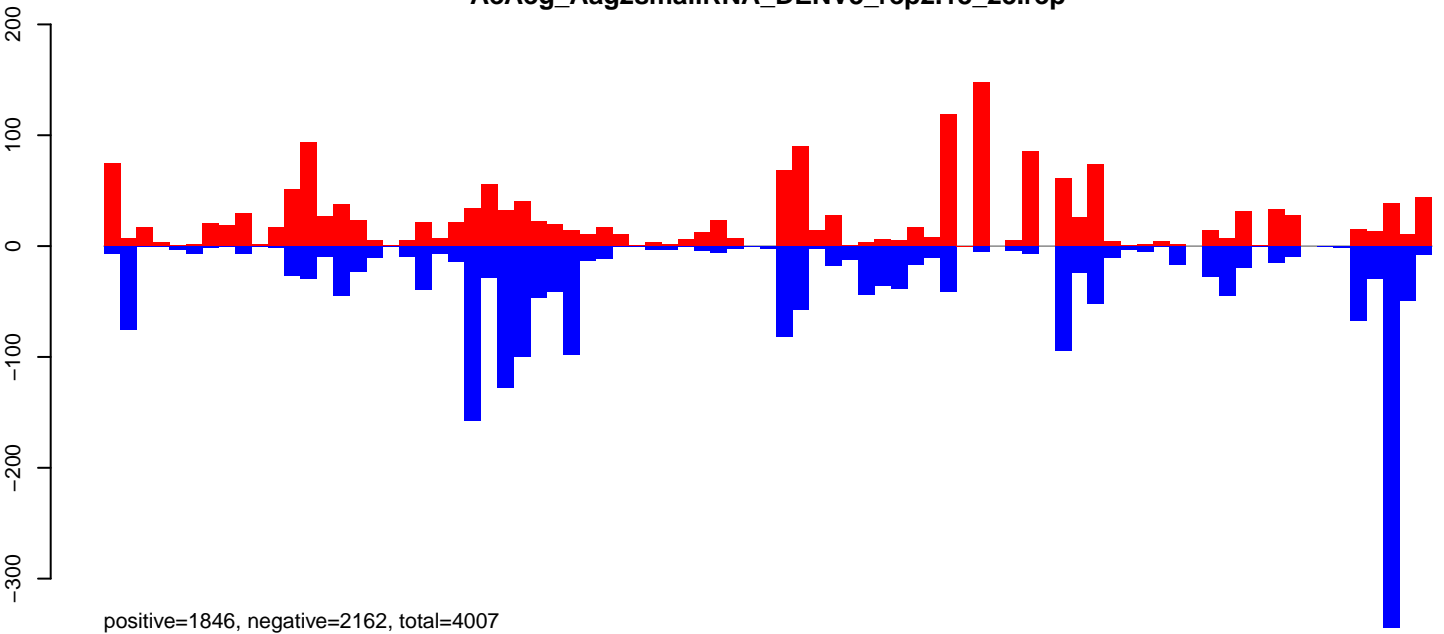


AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep

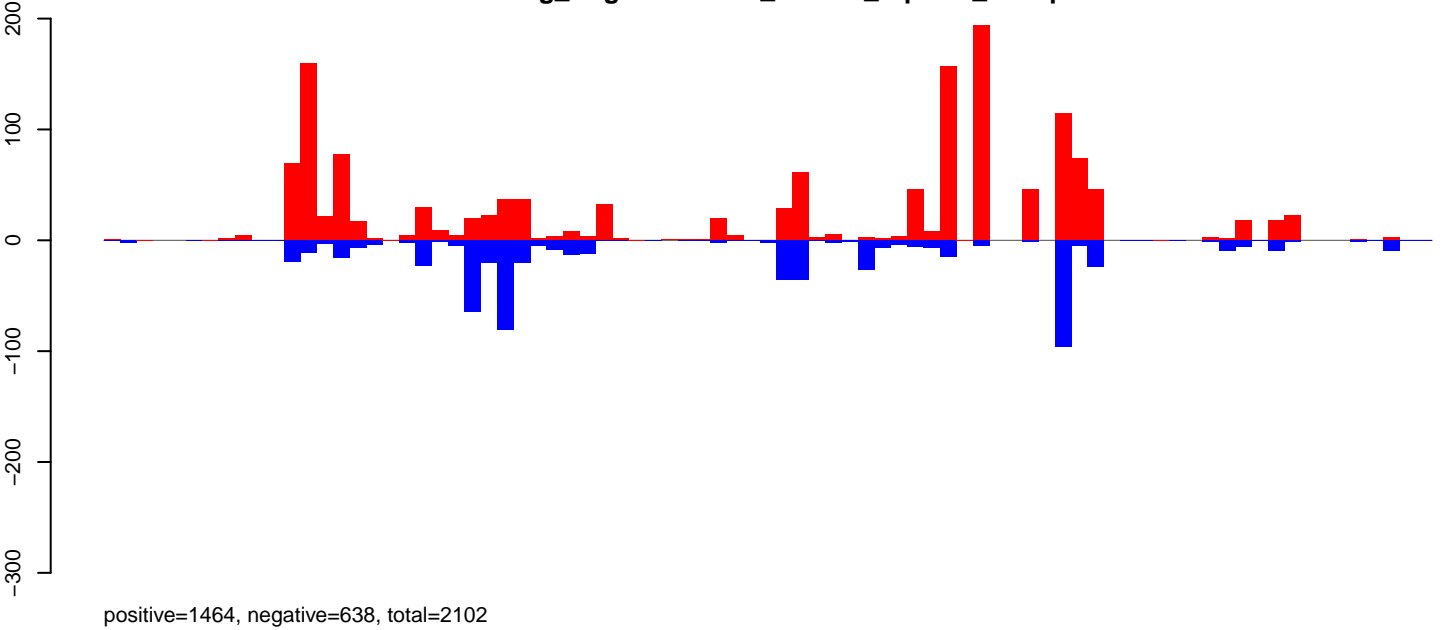




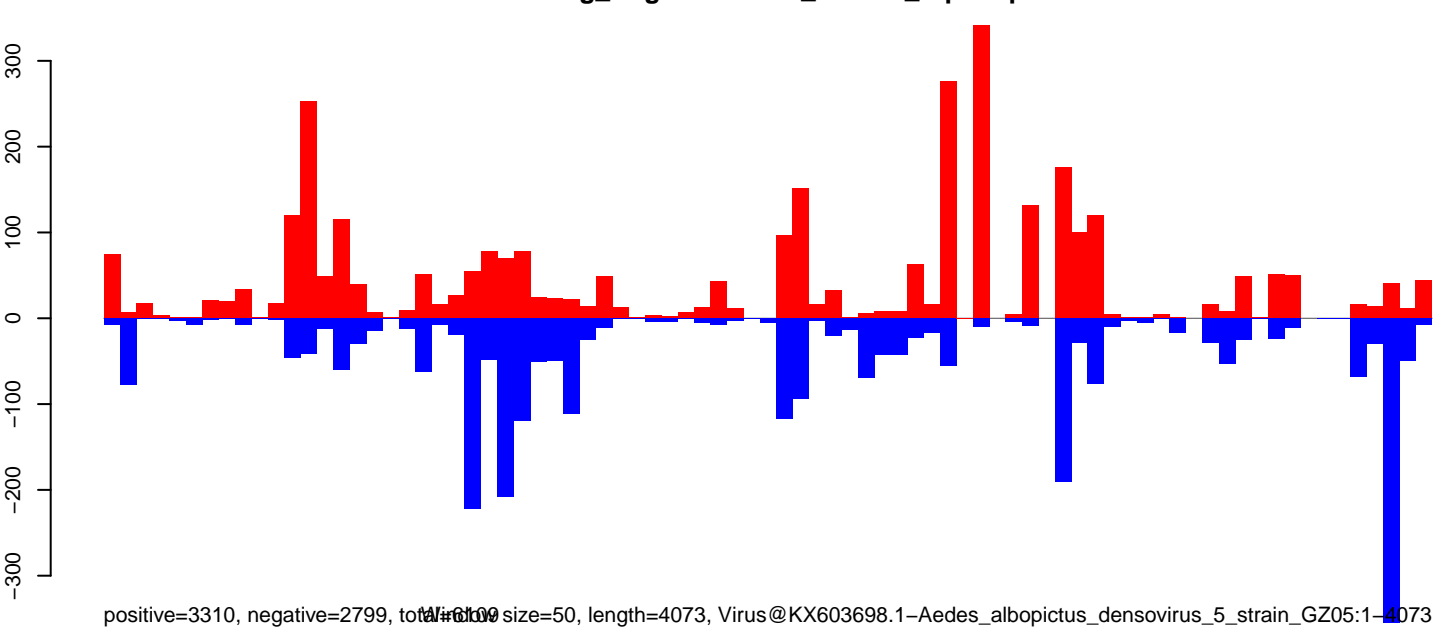
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



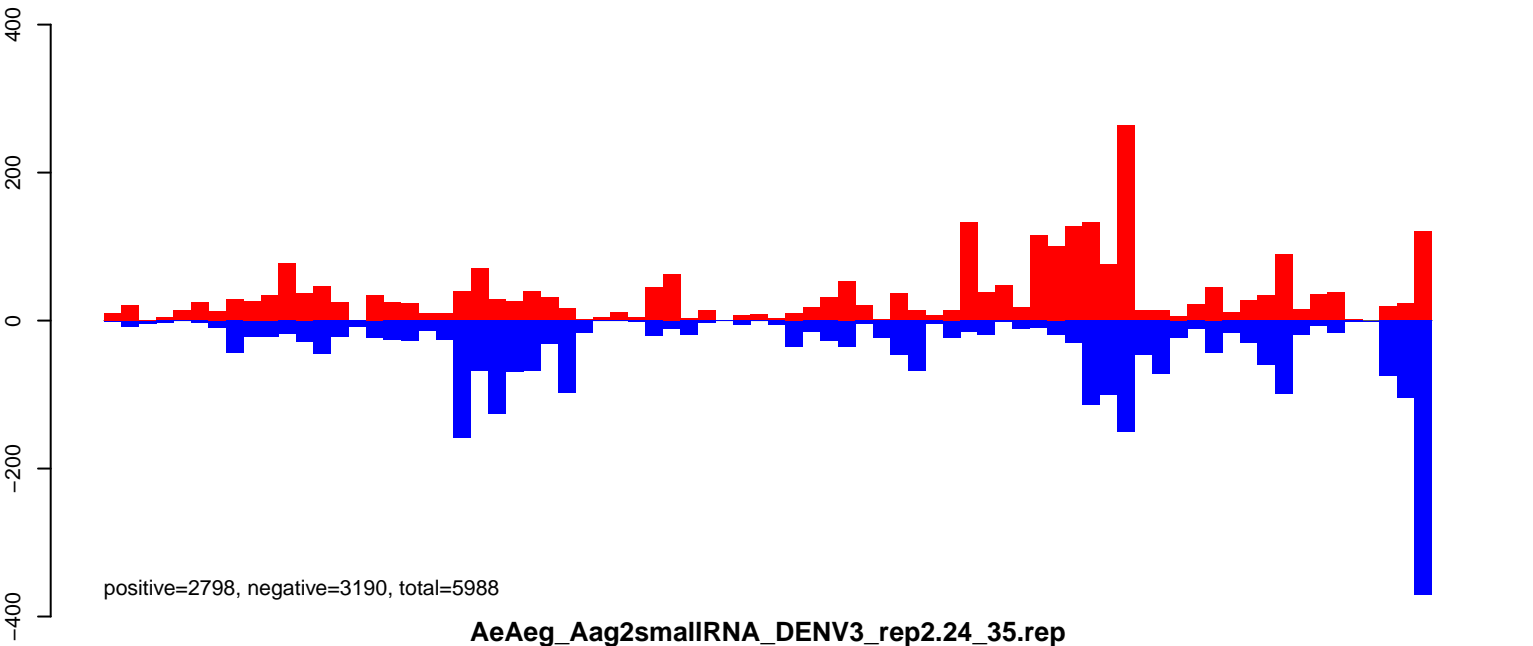
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



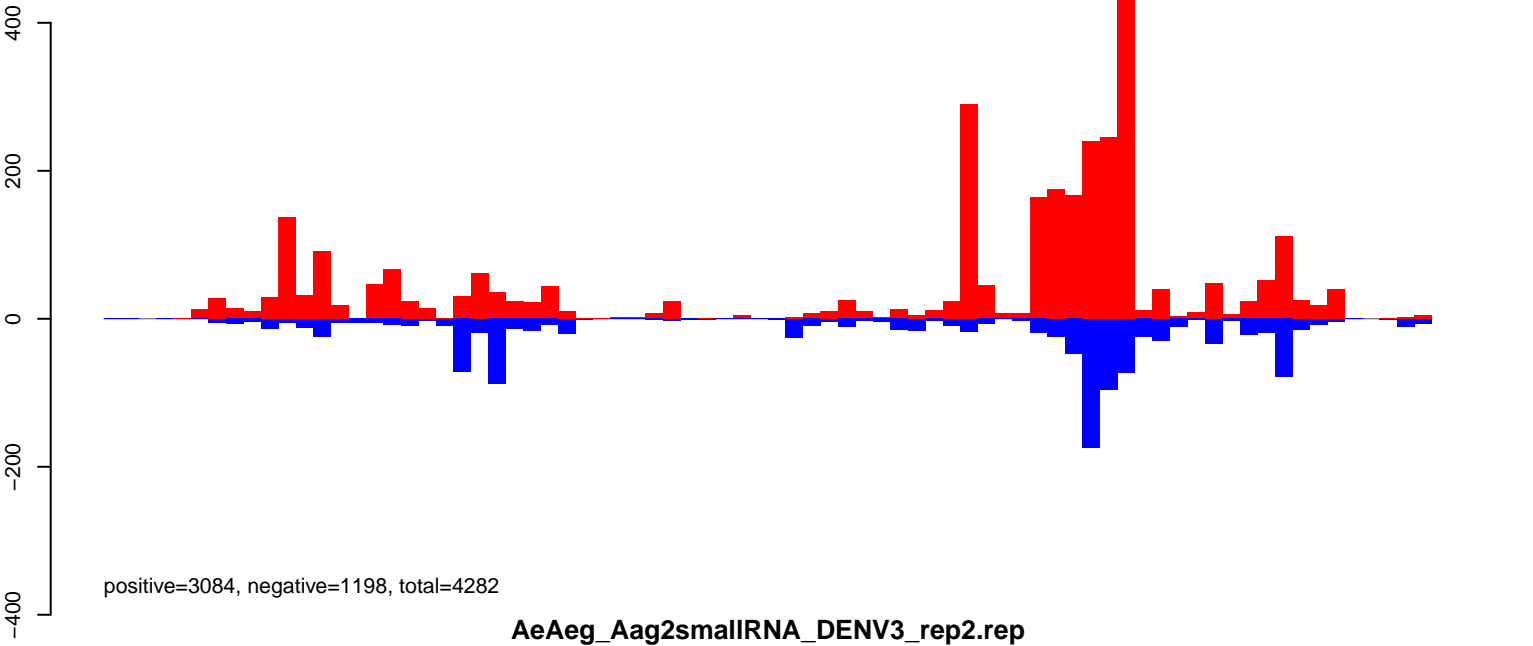
W:\6109 size=50, length=4073, Virus@KX603698.1-Aedes albopictus\_densovirus\_5\_strain\_GZ05:1-4073

0 1000 2000 3000 4000

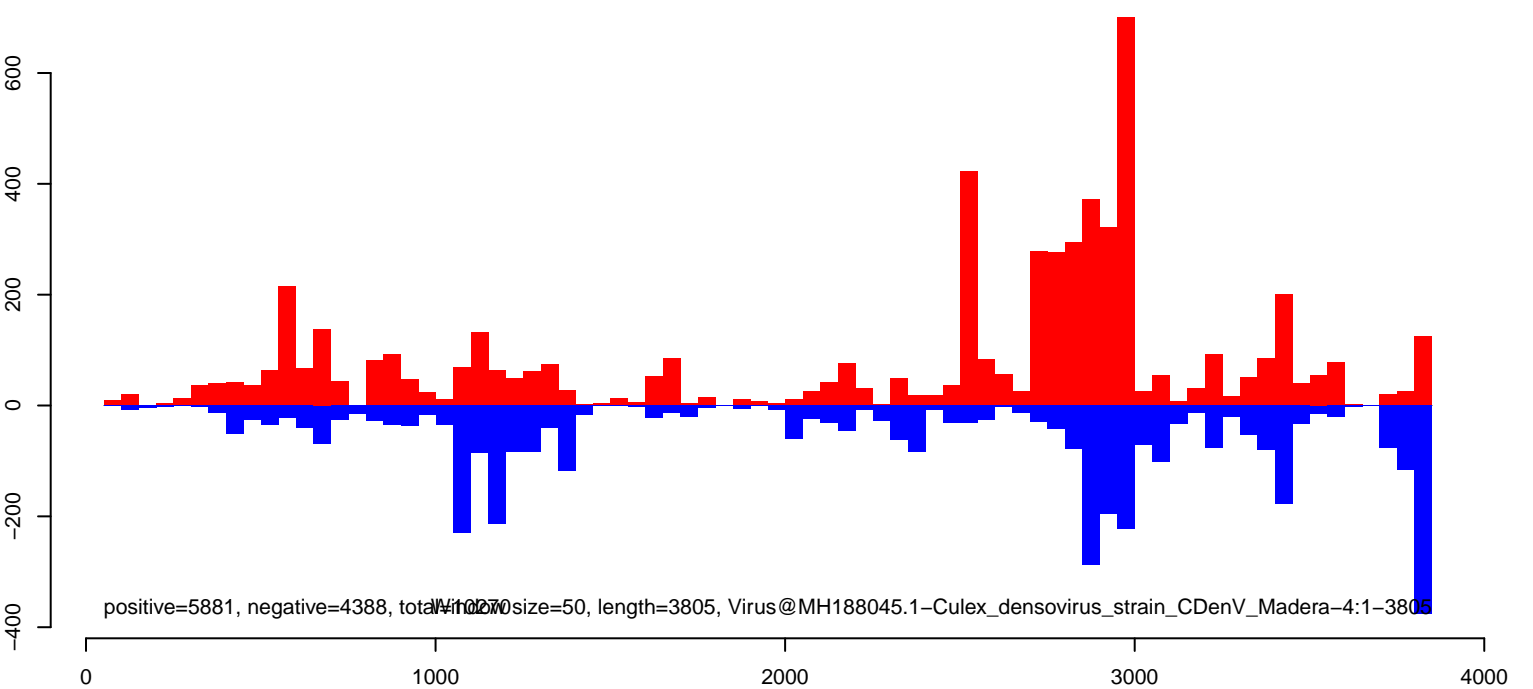
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



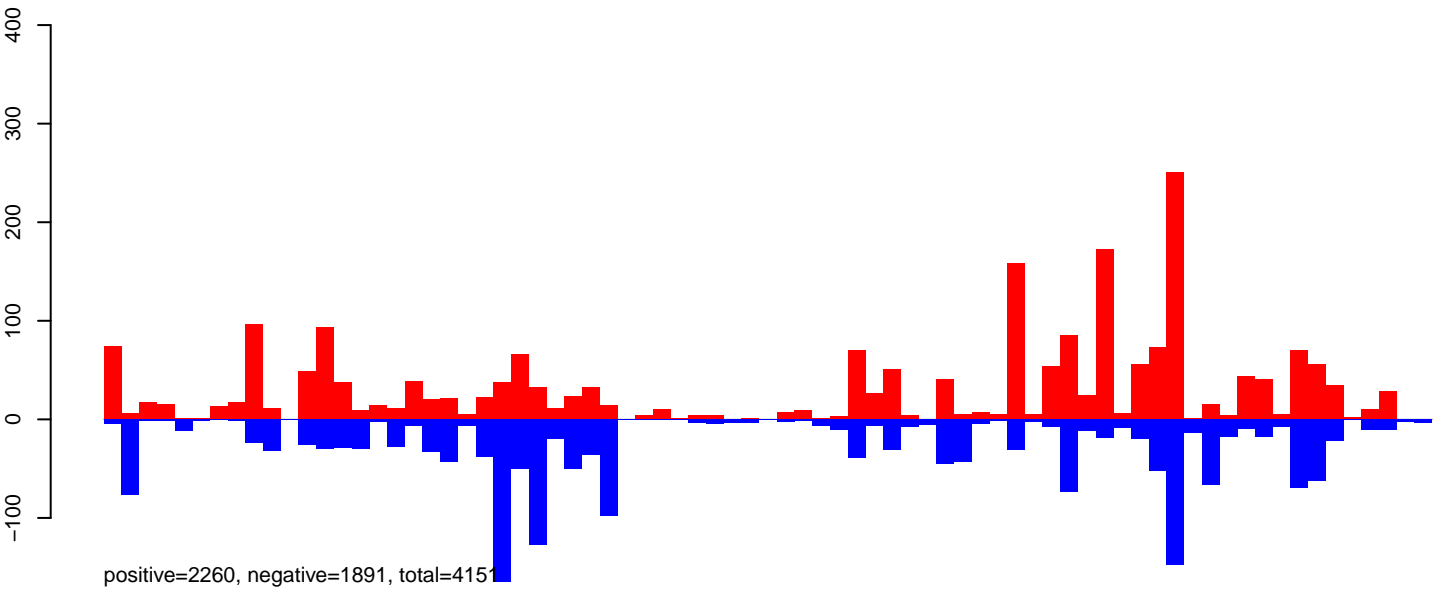
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



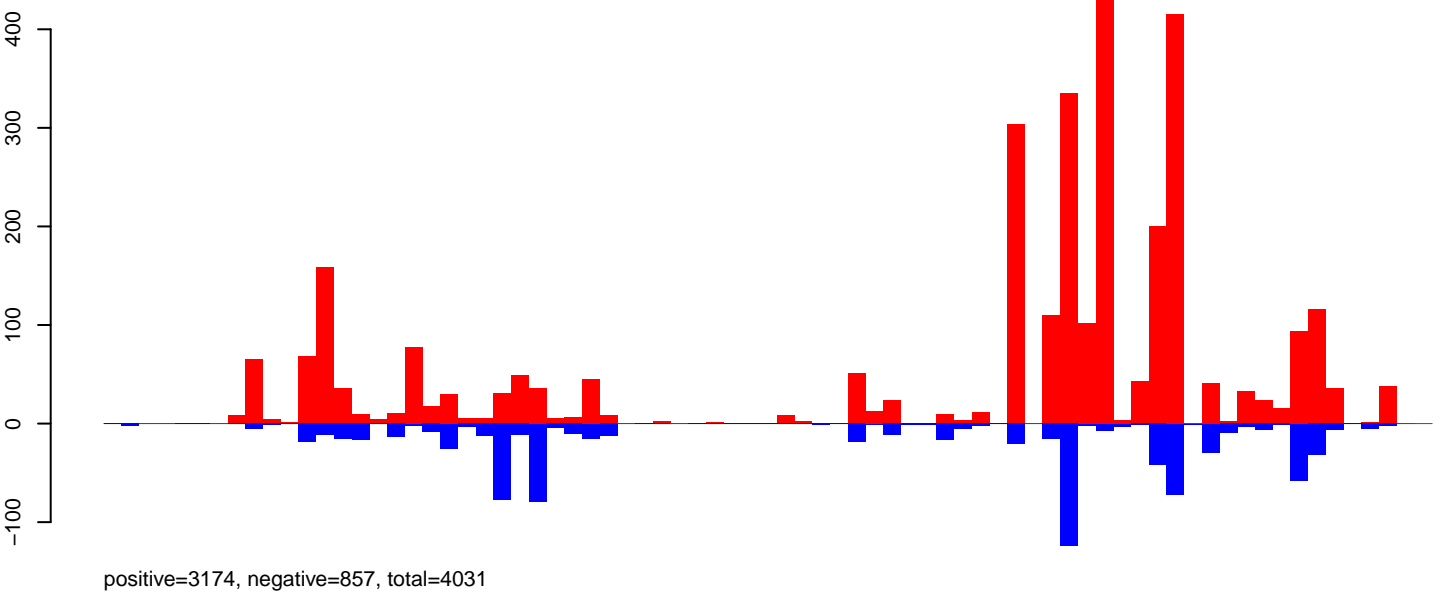
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



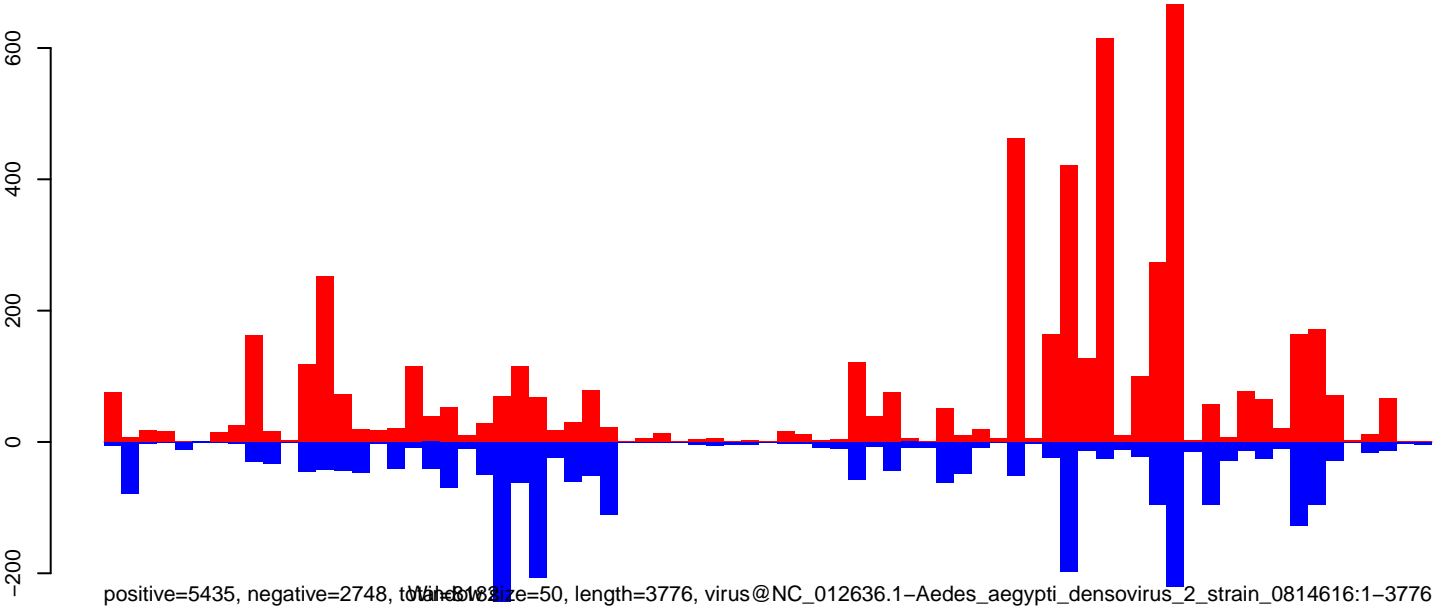
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



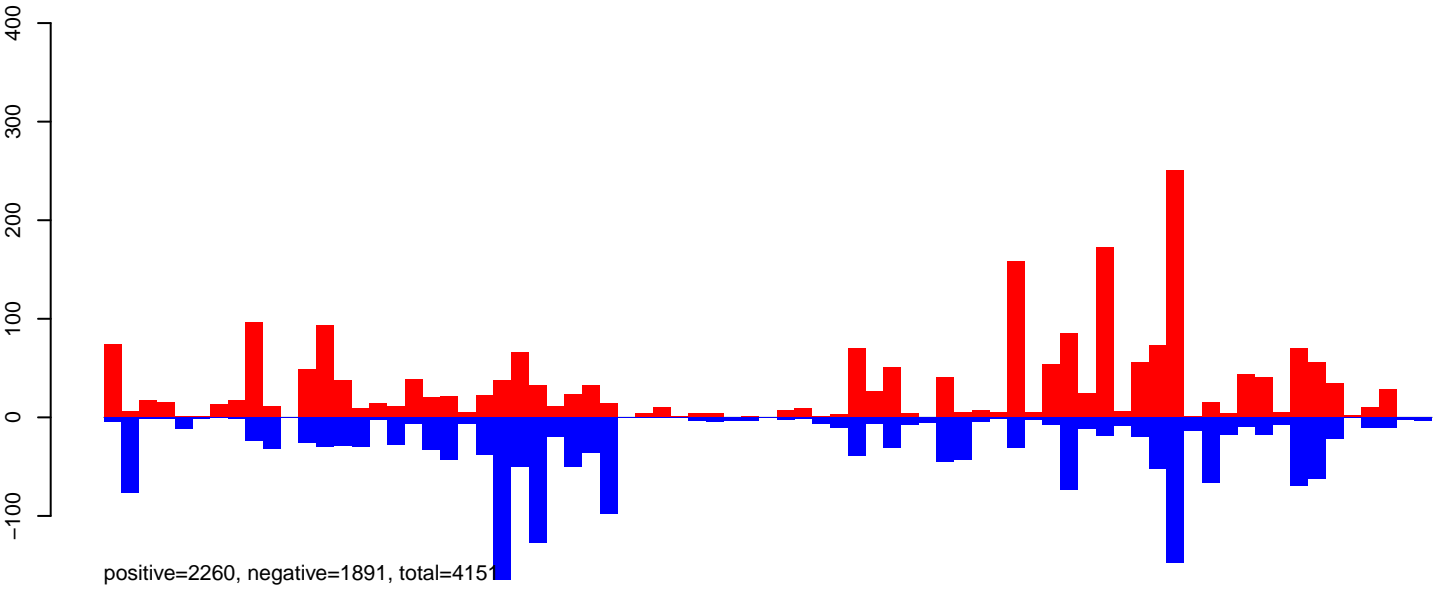
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



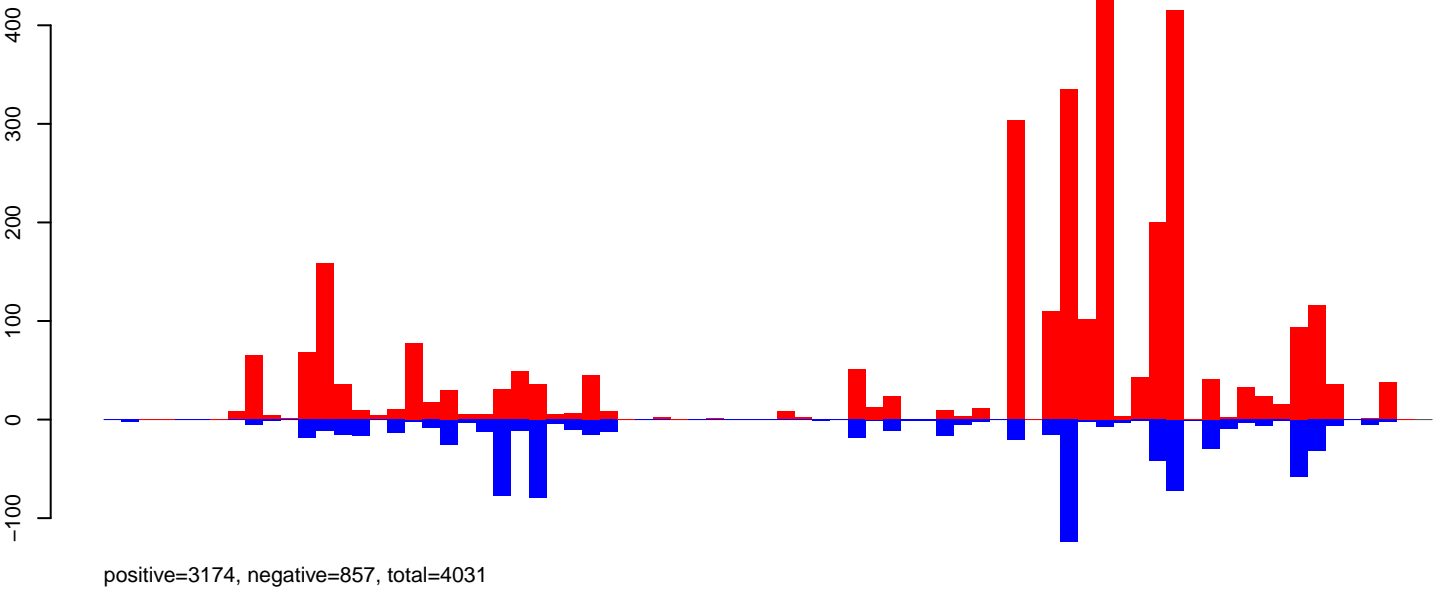
virus@NC\_012636.1-Aedes aegypti\_densovirus\_2\_strain\_0814616:1-3776

0 1000 2000 3000

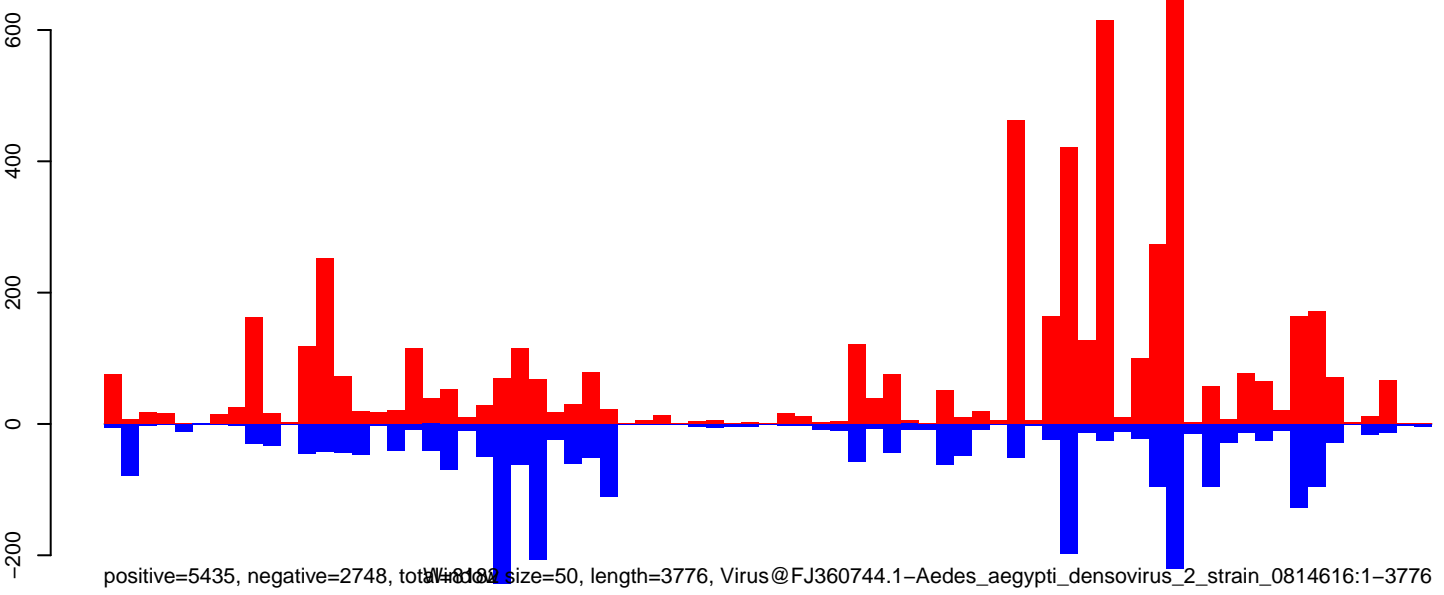
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

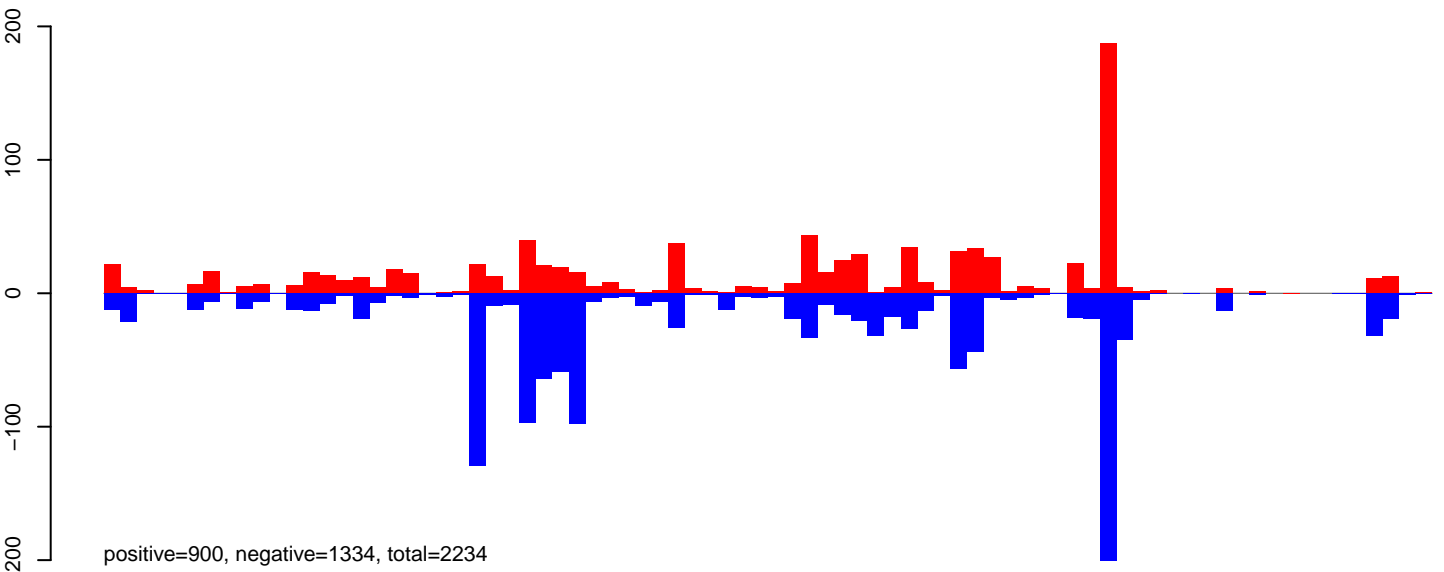


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

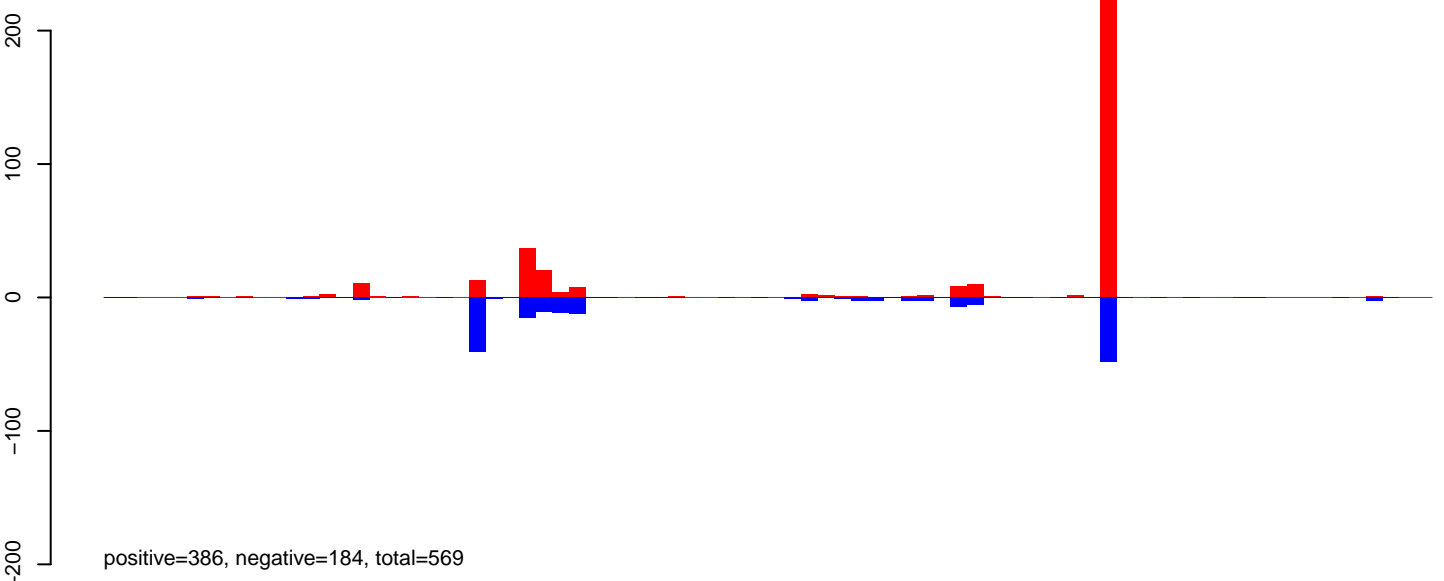


0 1000 2000 3000

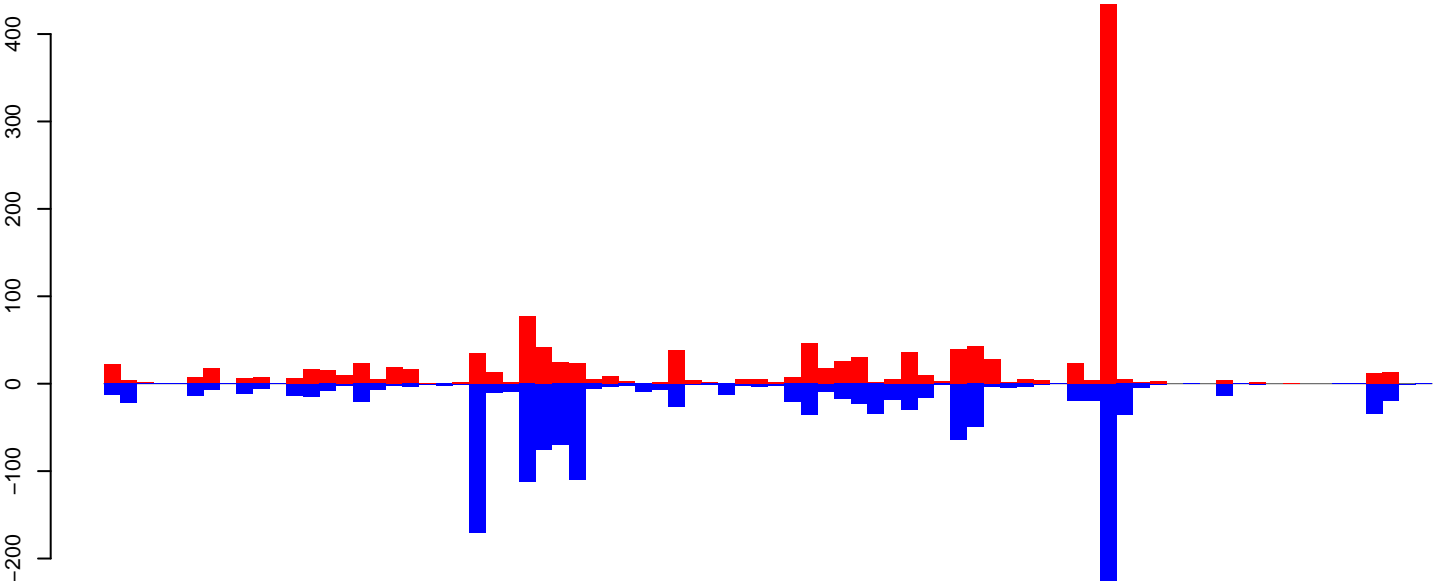
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



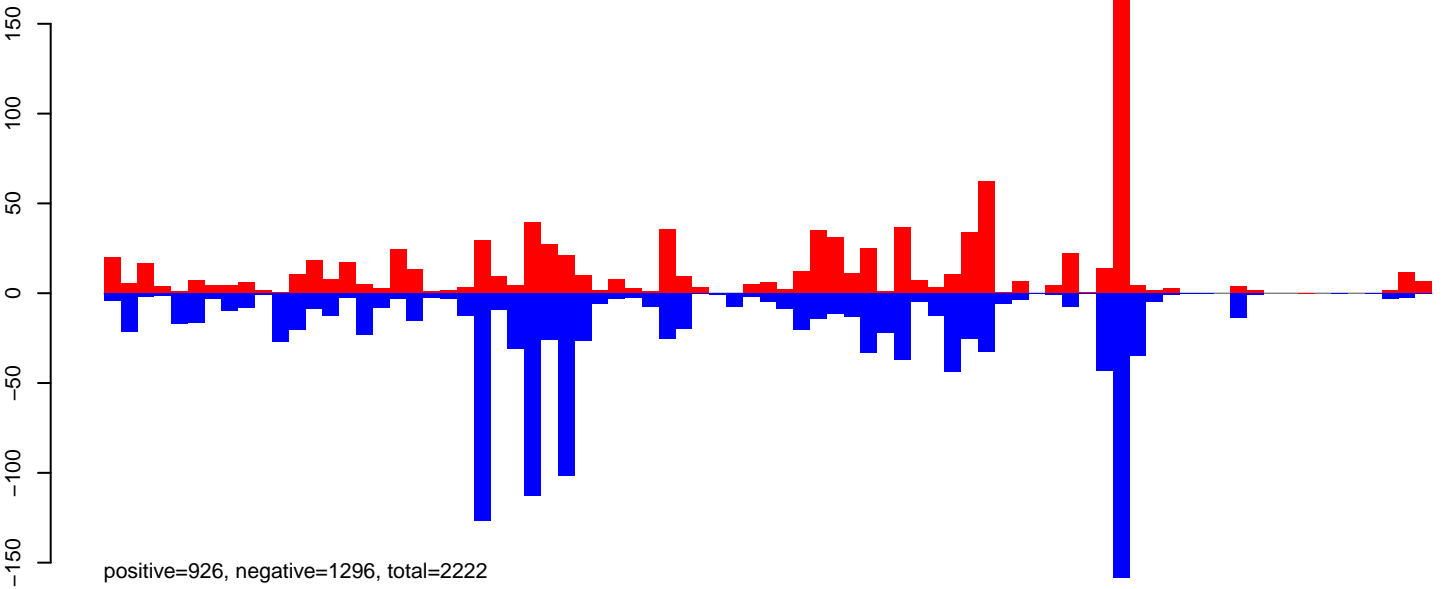
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



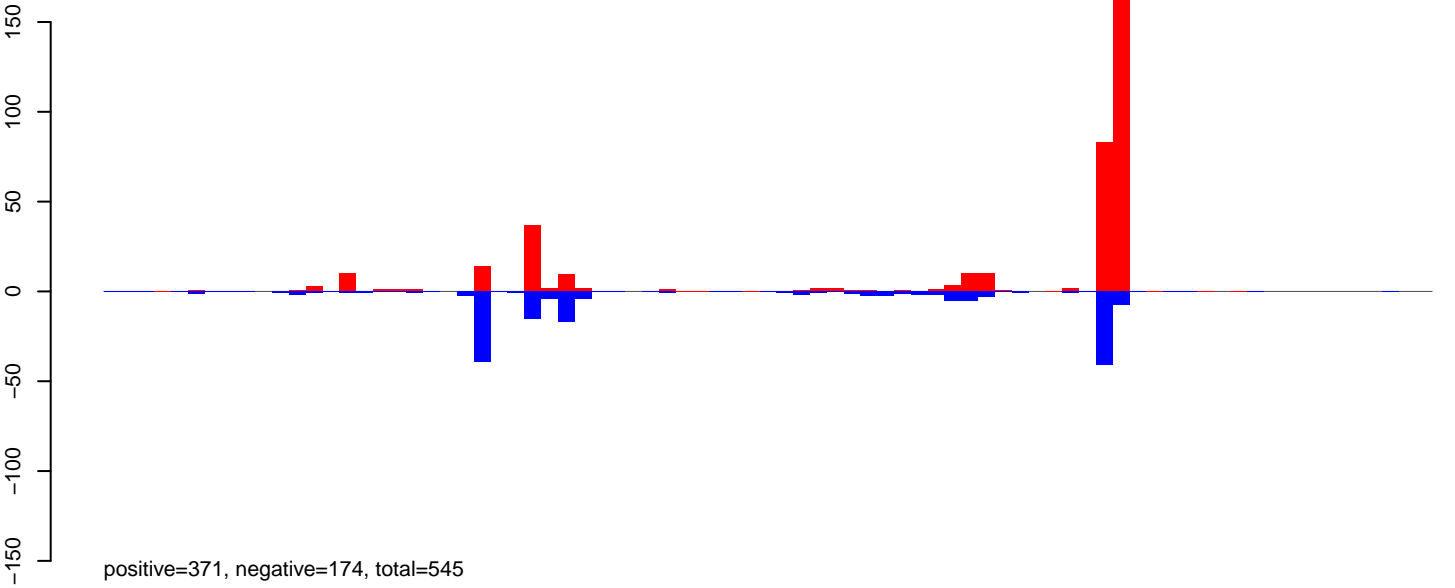
AY310871-A286, non-structural protein 1, non-structural protein 2, and capsid protein genes:1-4006

0 1000 2000 3000 4000

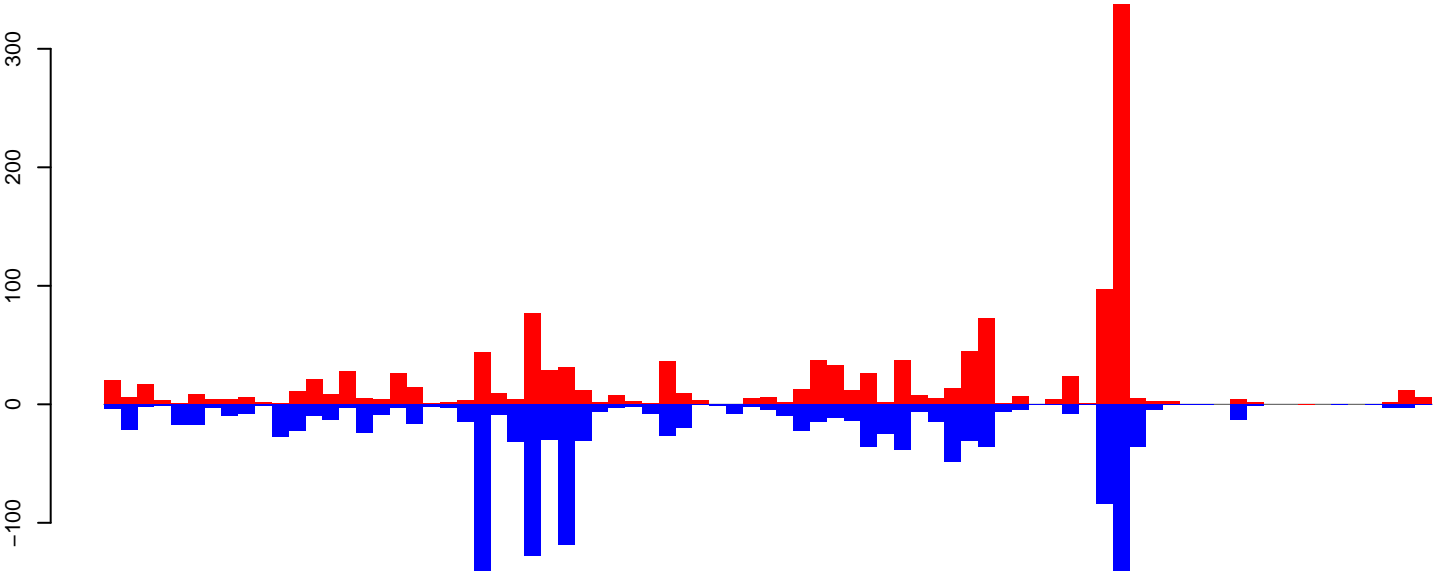
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



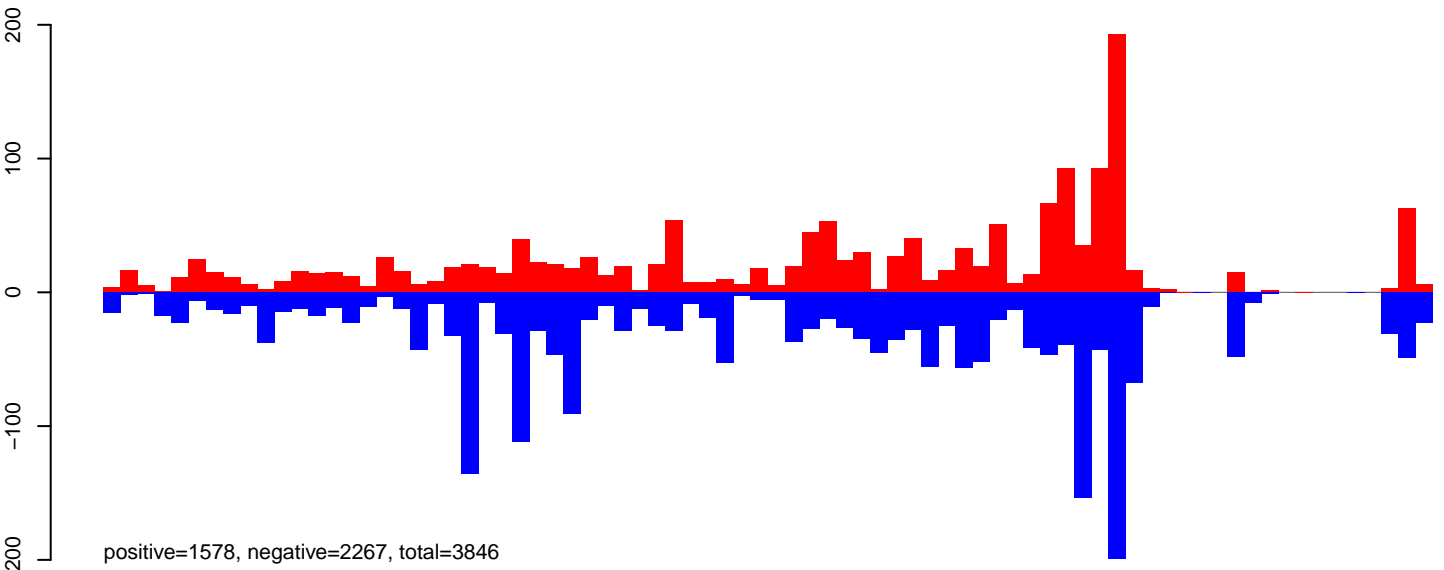
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



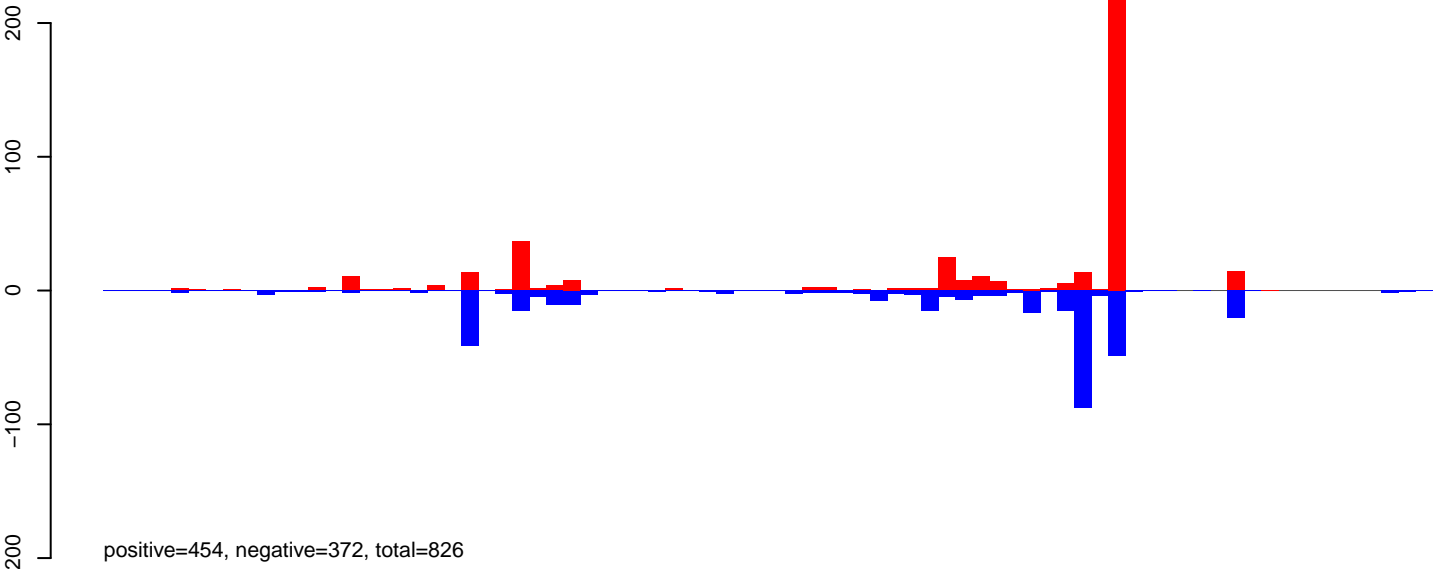
86, Virus: AeAeg2, gene: Aag2, start: 2703, end: 3986, gene: nonstructural\_protein\_1\_nonstructural\_protein\_2\_and\_capsid\_protein\_genes:1-3986

0 1000 2000 3000 4000

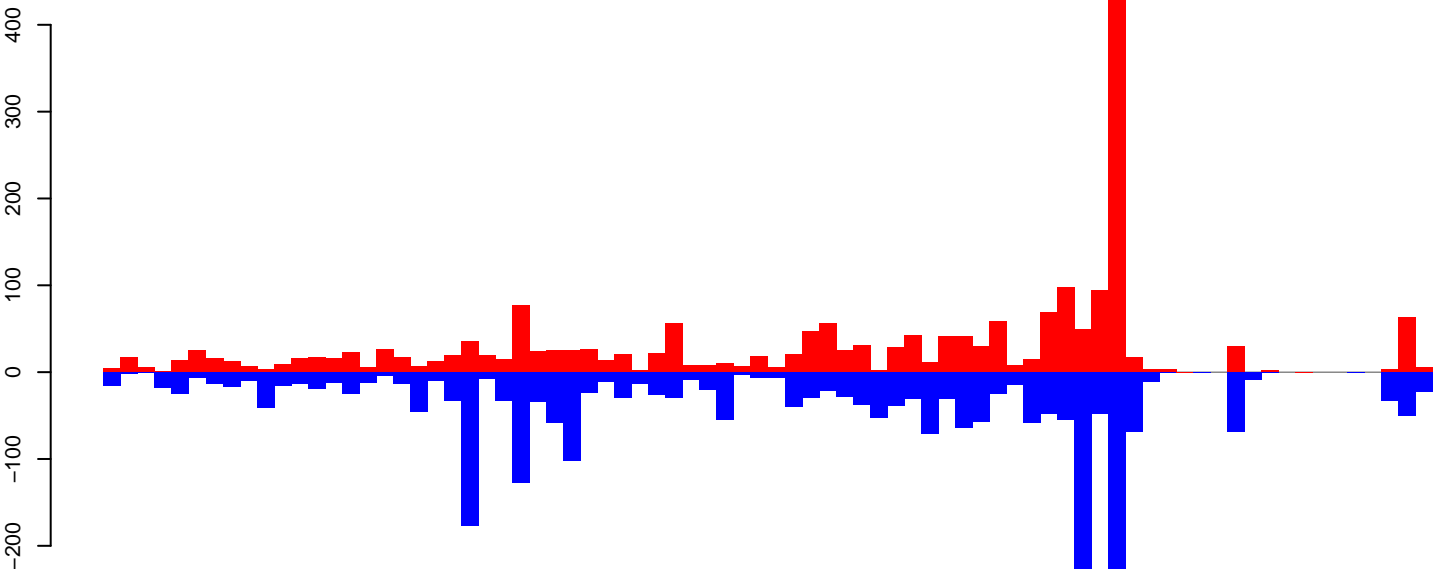
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



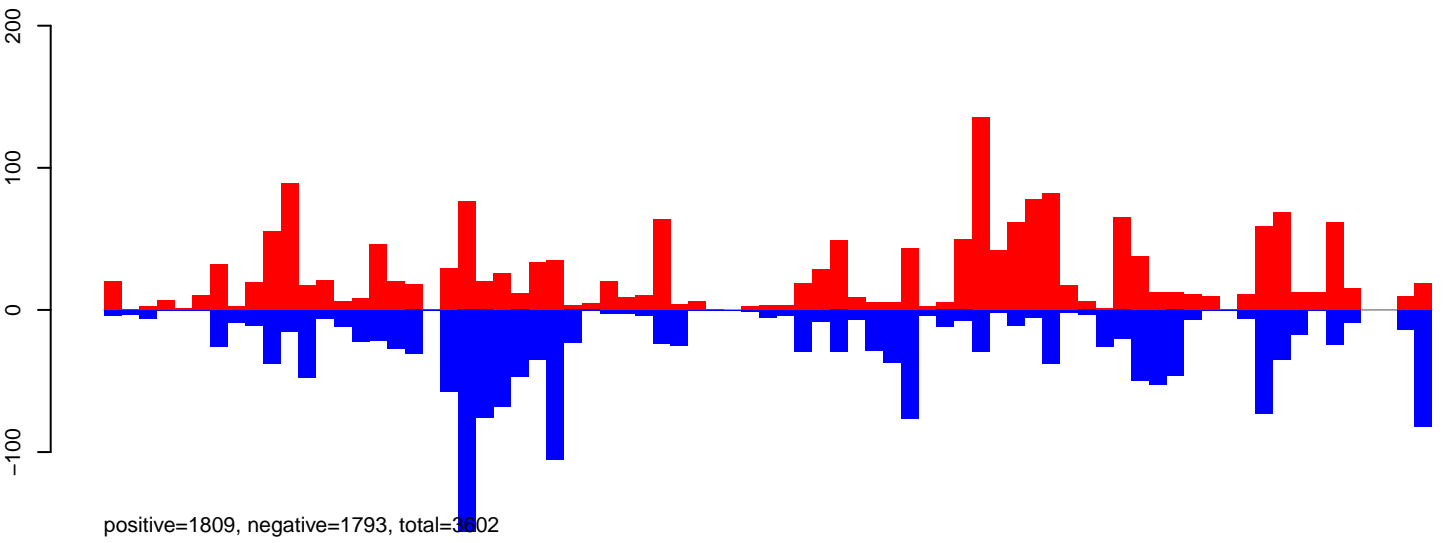
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



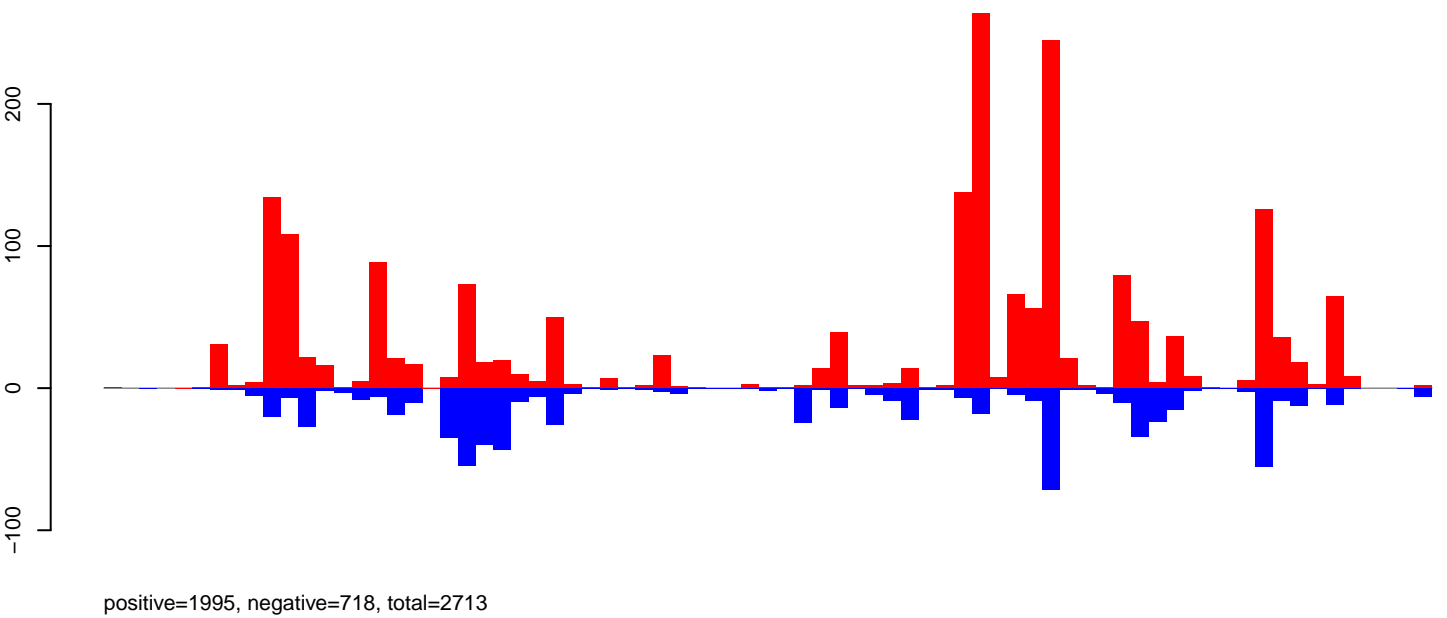
Window=202, step=50, range=-200, total=4929  
H550148.1-Aedes\_albopictus\_densovirus\_isolate\_NC01\_L3\_1-trimmed\_contig\_5889-RC:1-3937

0 1000 2000 3000 4000

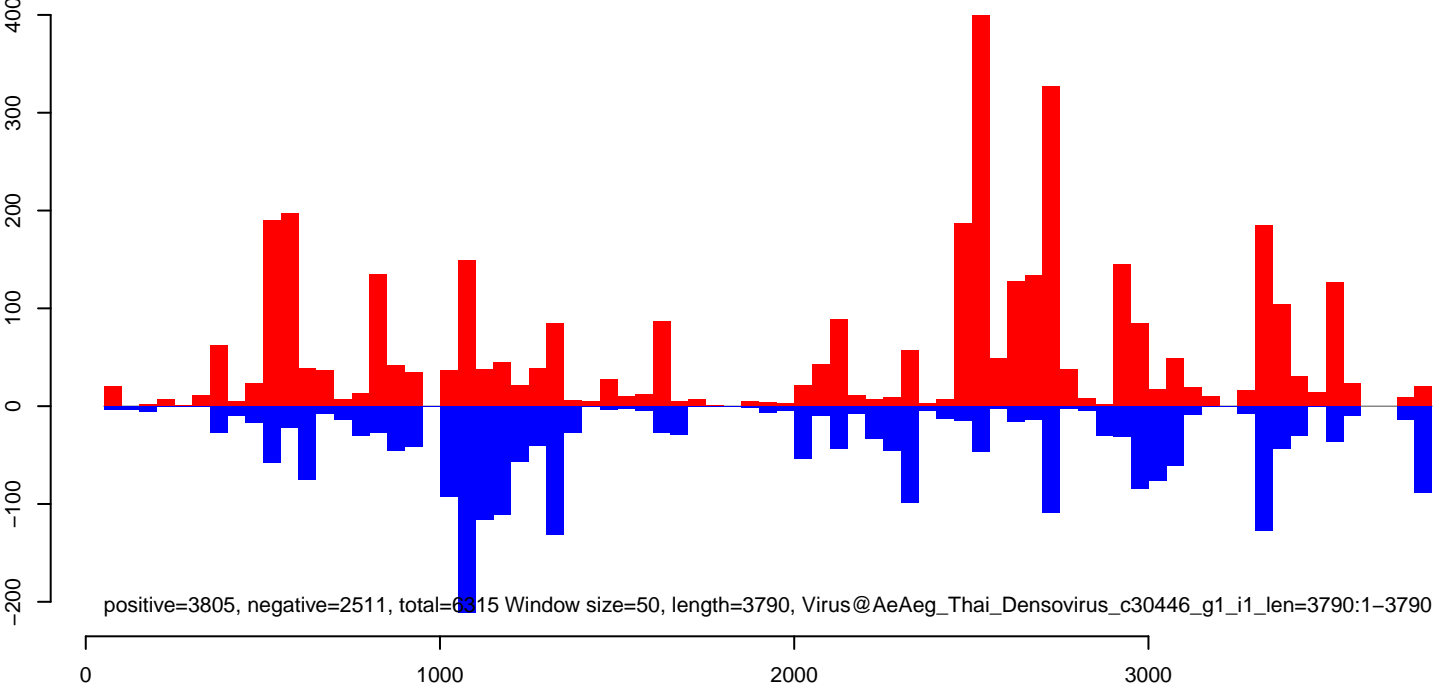
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

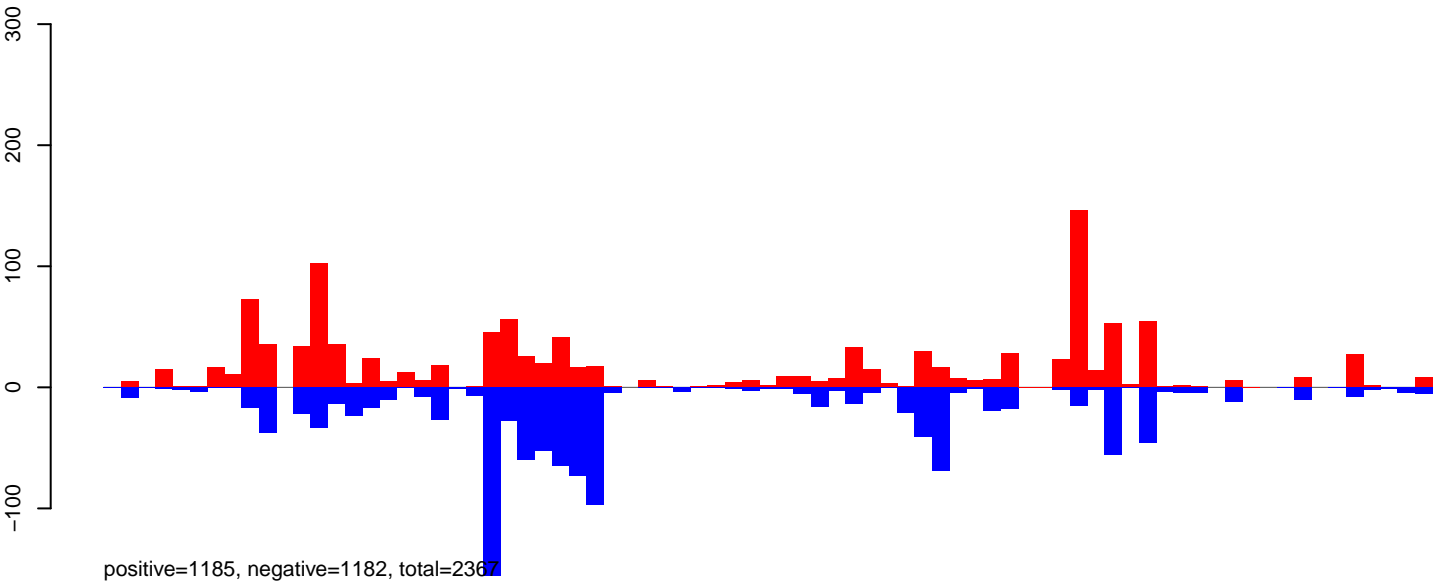


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

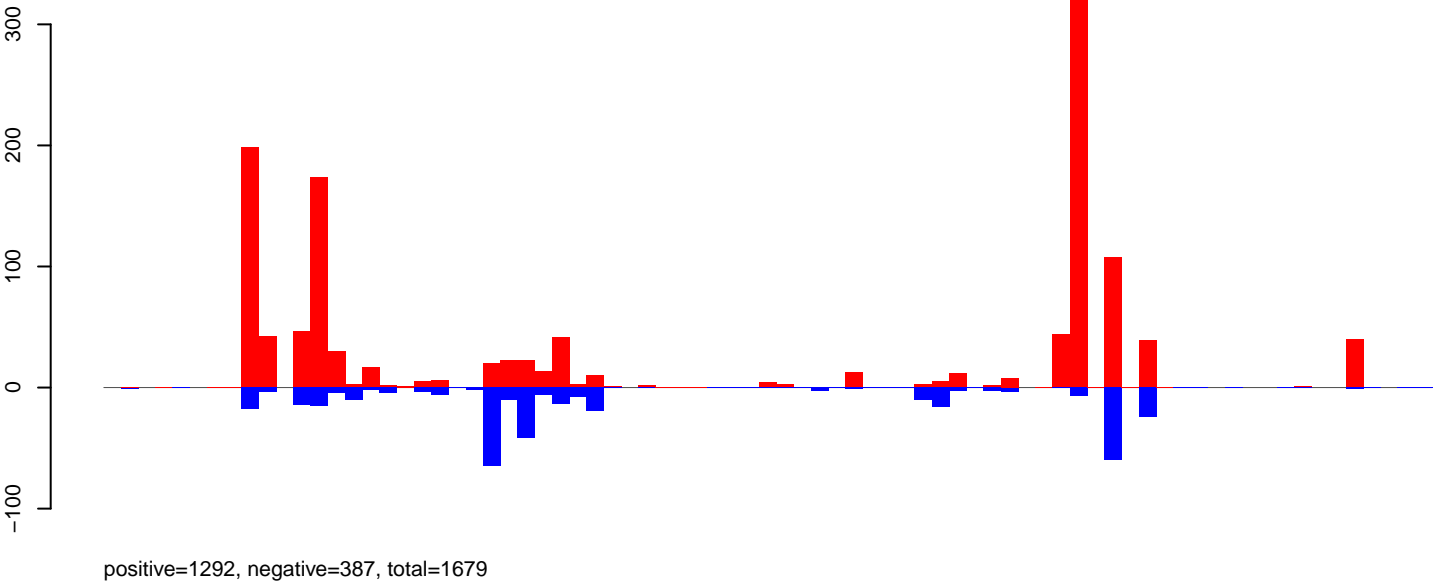




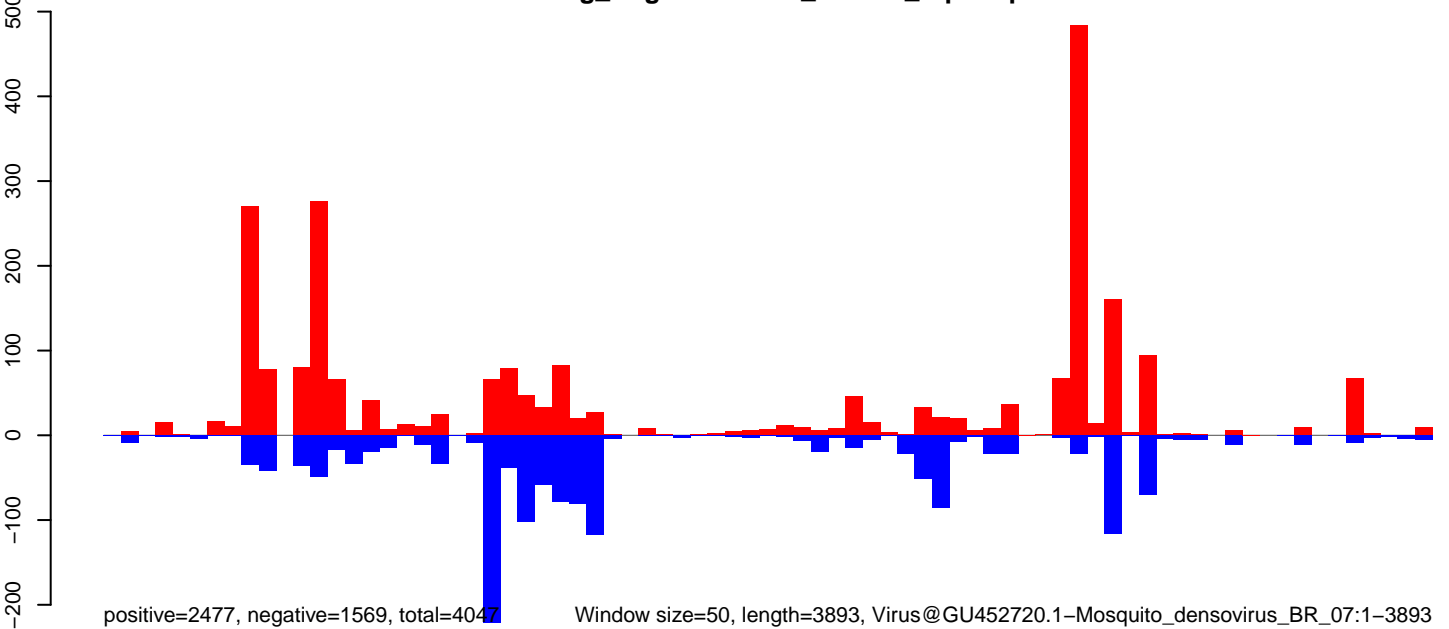
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



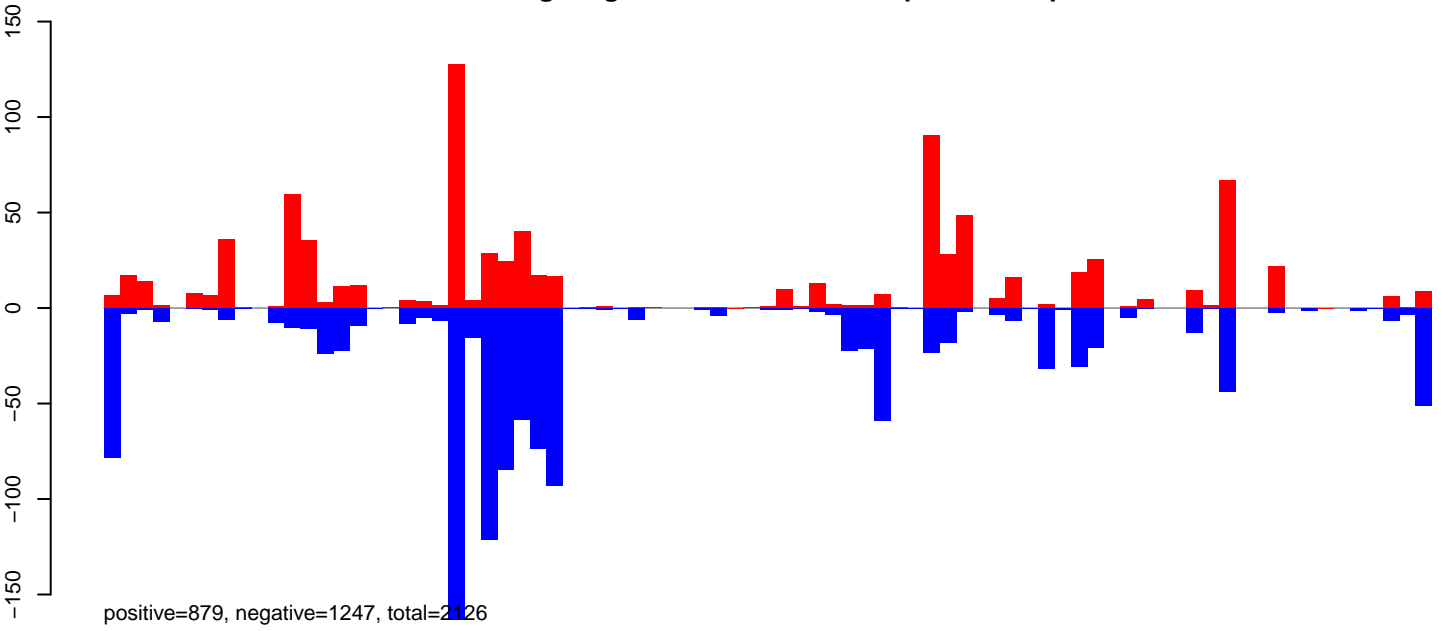
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



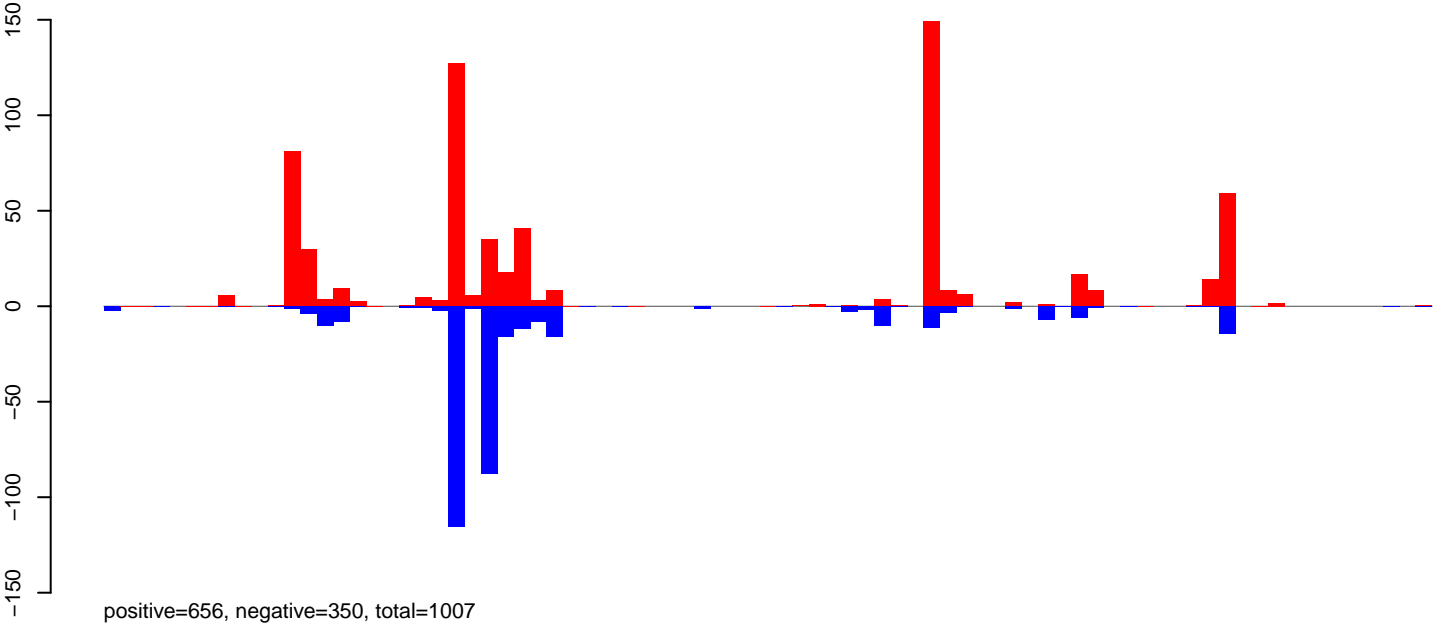
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



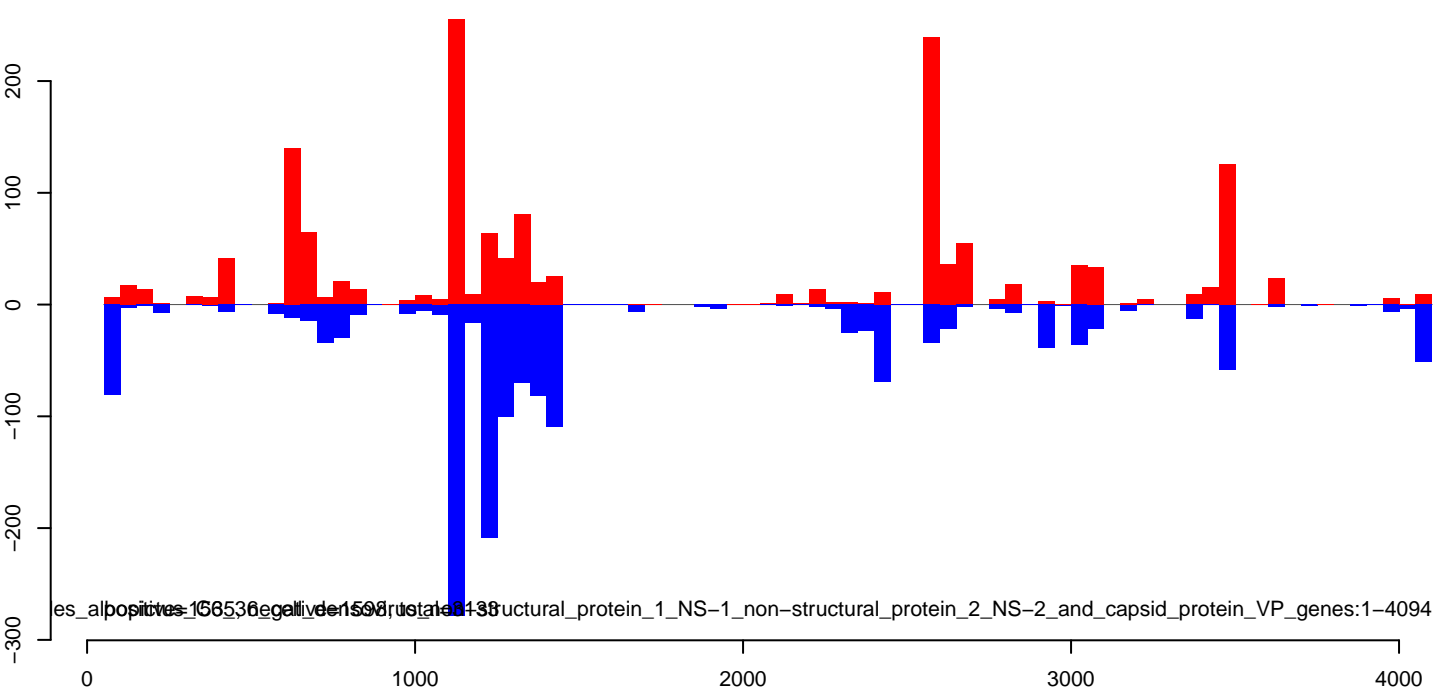
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



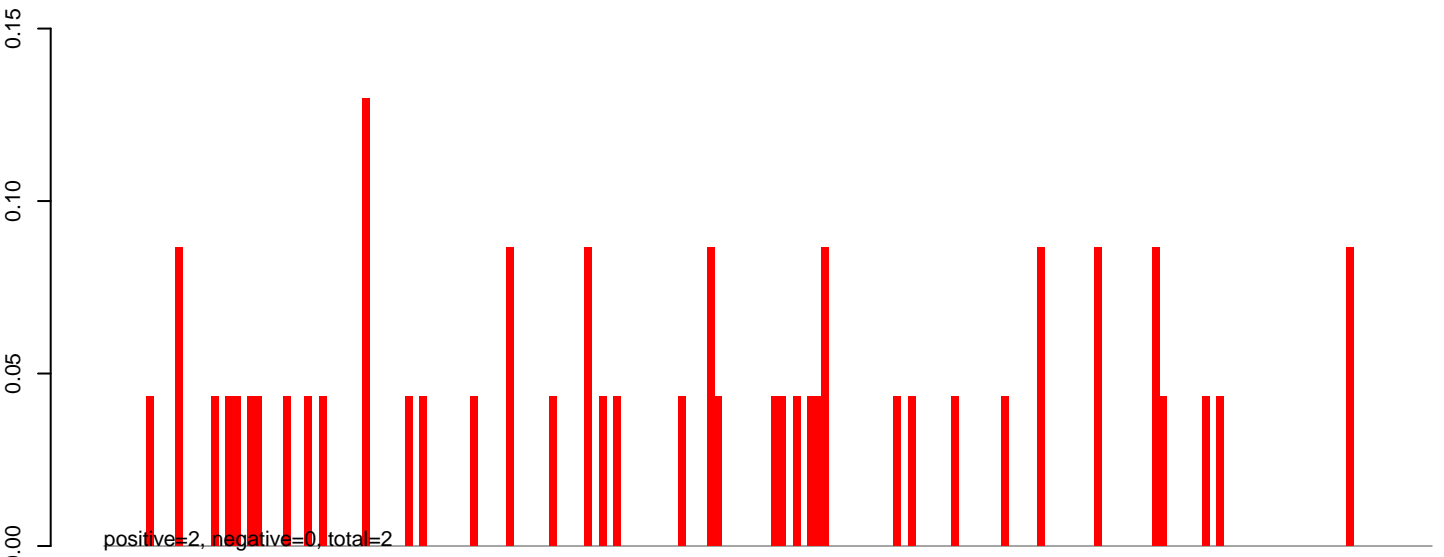
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



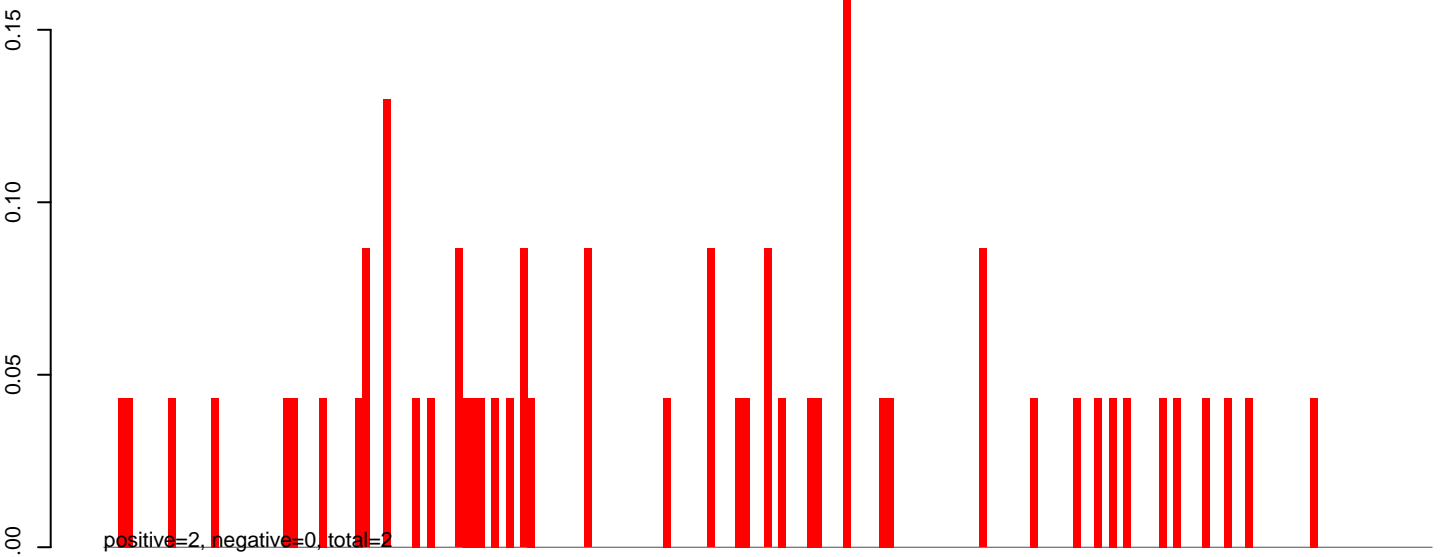
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



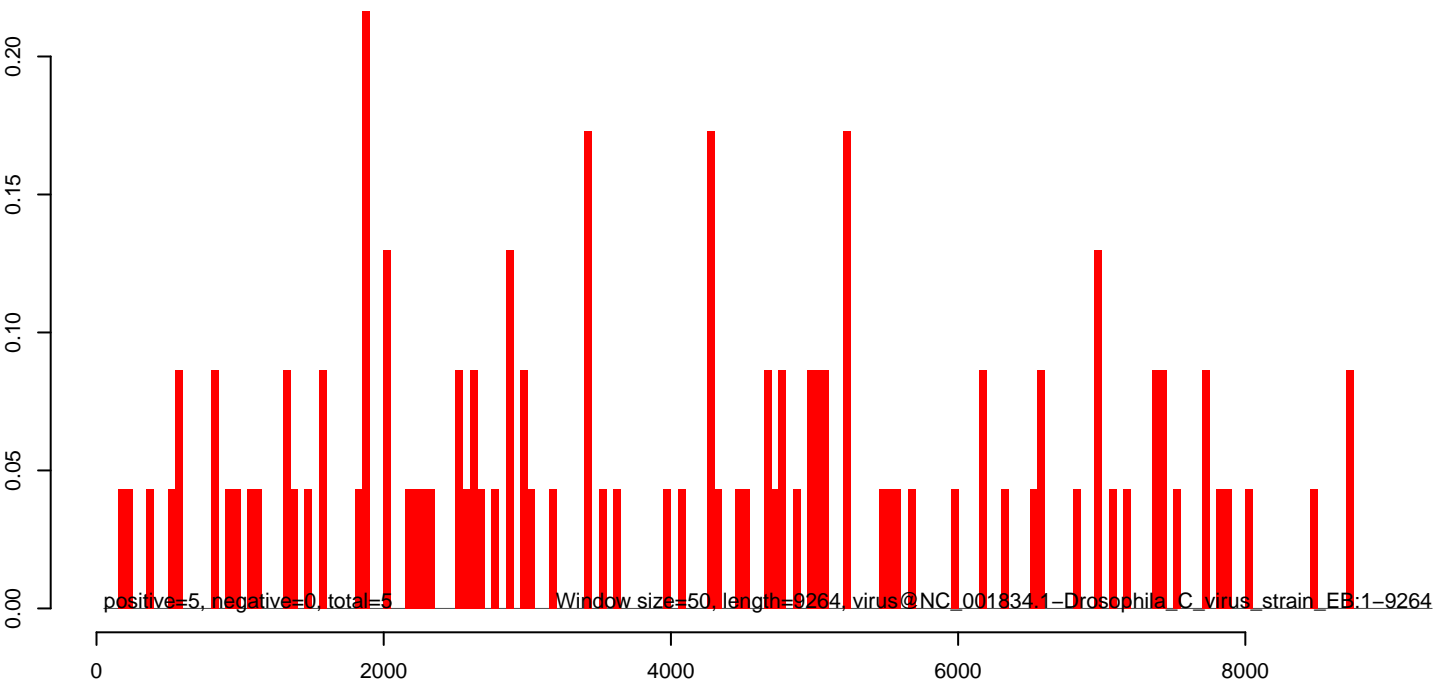
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



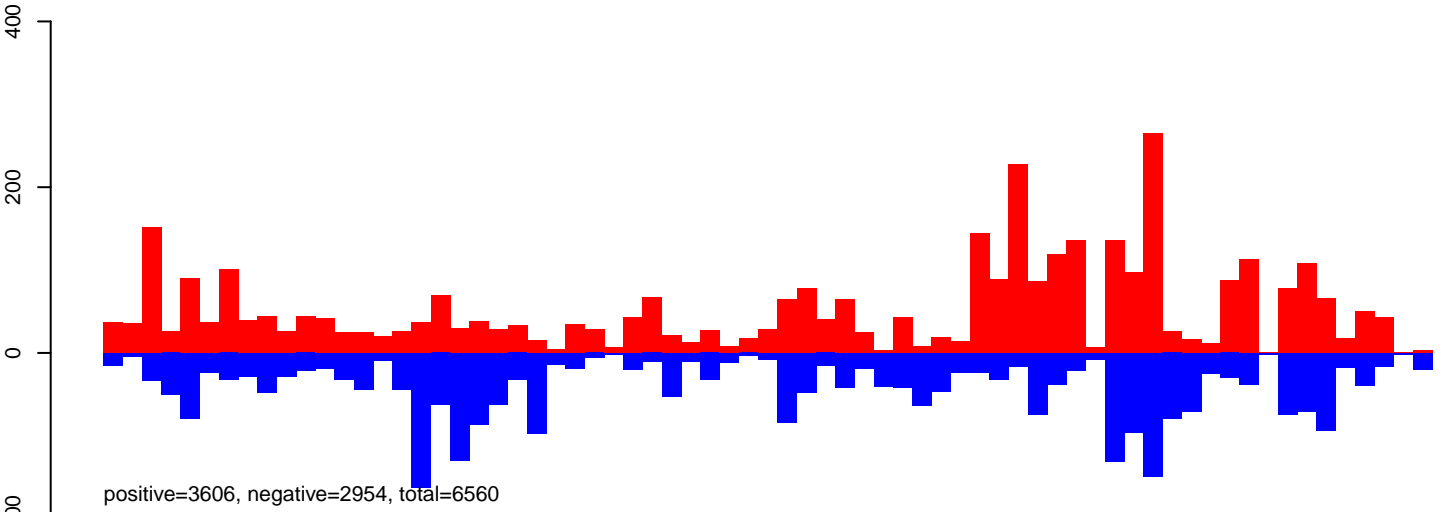
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



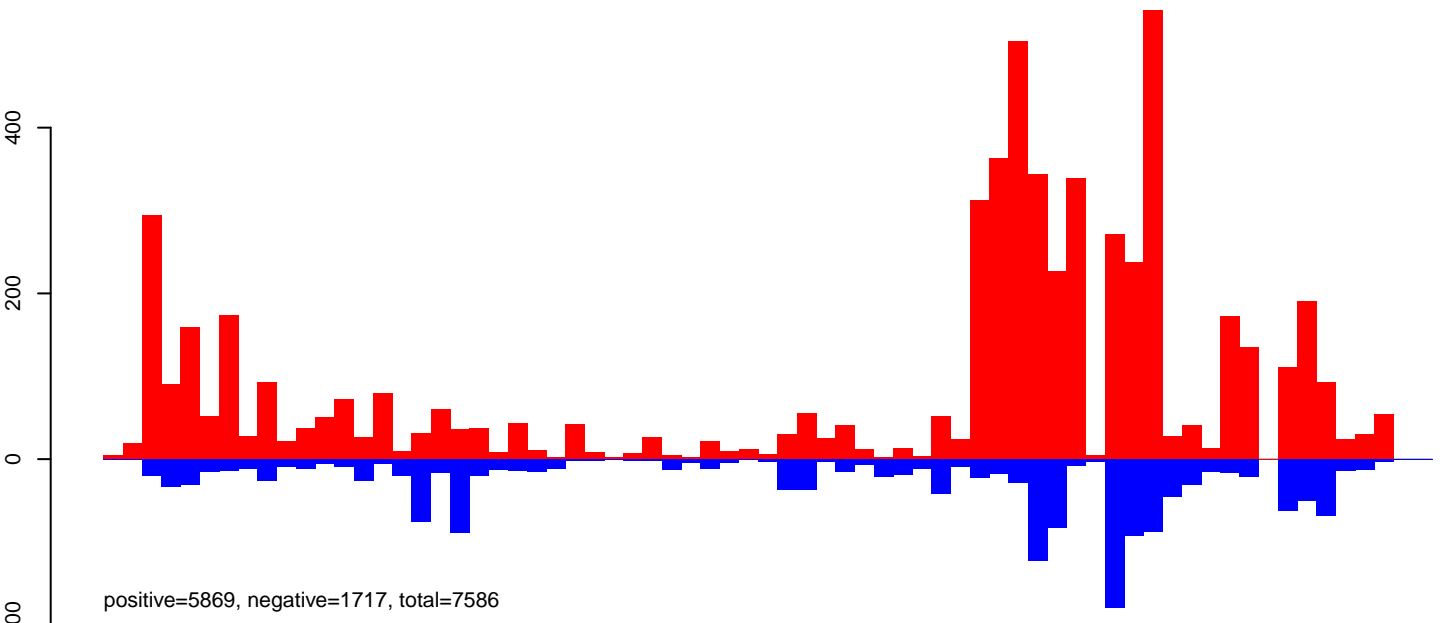
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



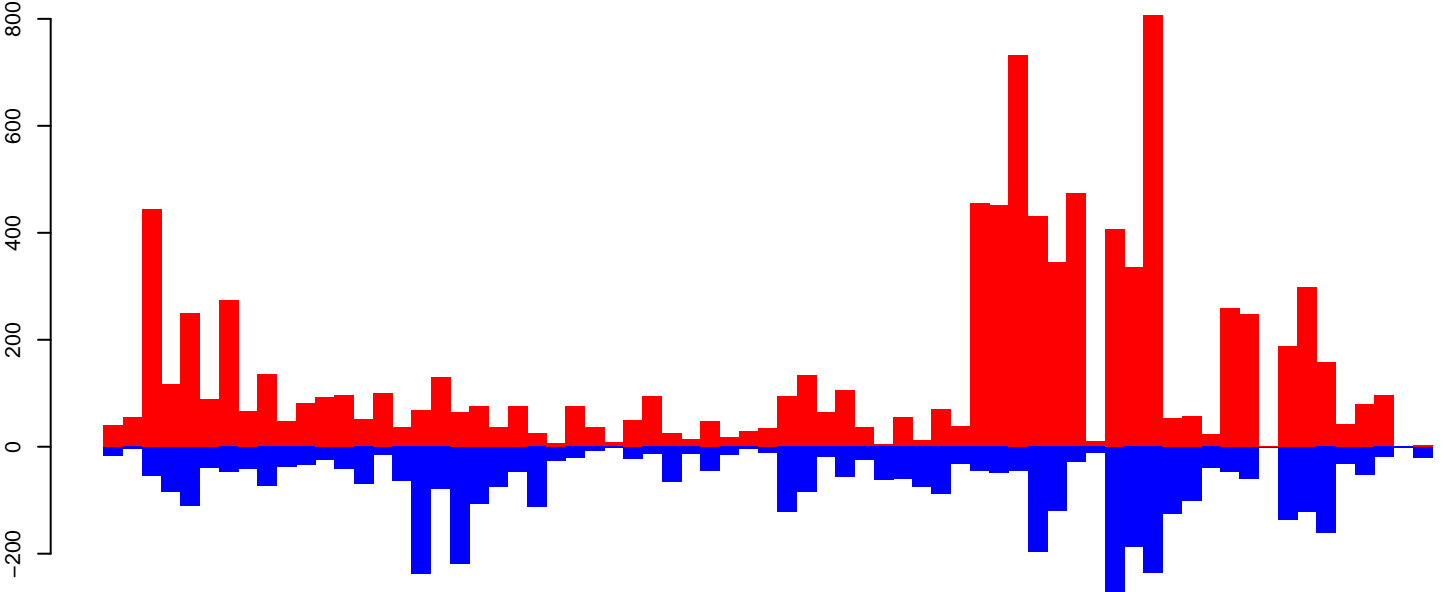
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



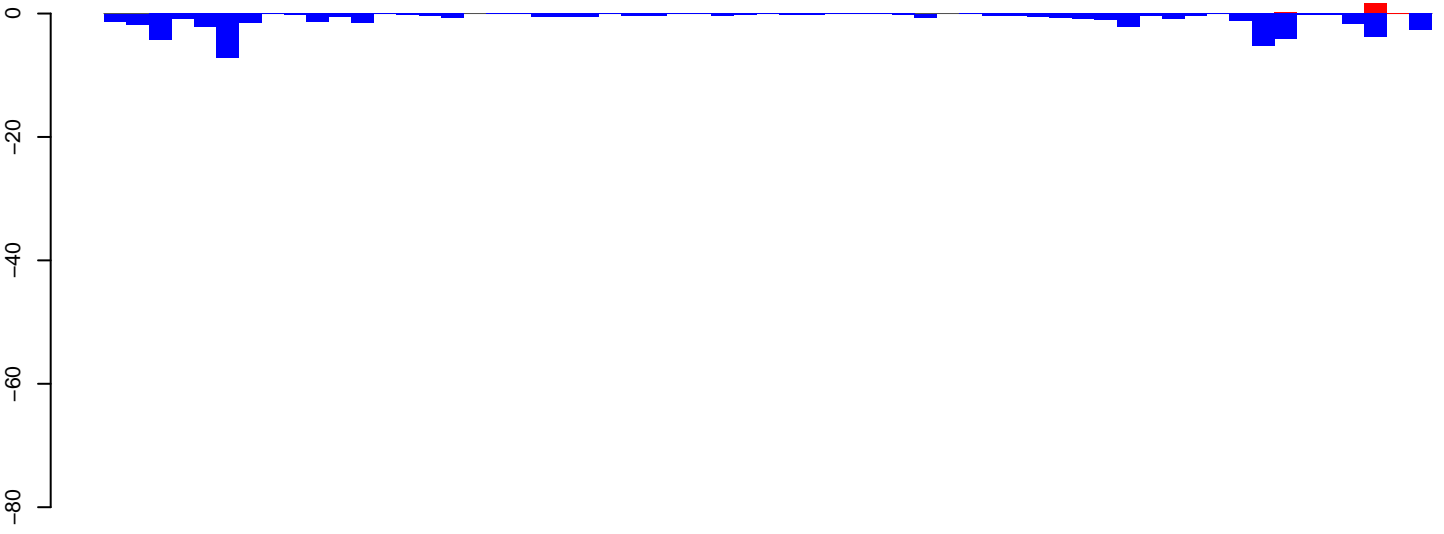
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



siRNA silencing of the structural protein 1, NS1, non-structural protein 2, NS2, and capsid protein VP genes:1-3498

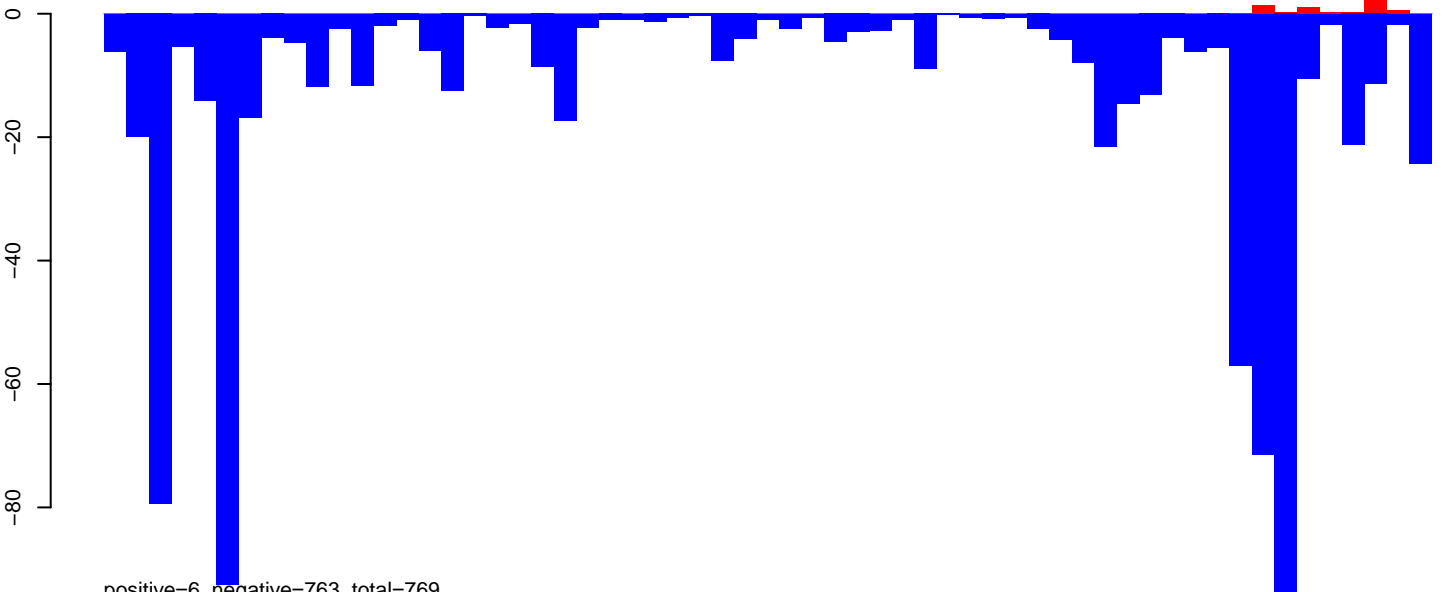
0 500 1000 1500 2000 2500 3000 3500

AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



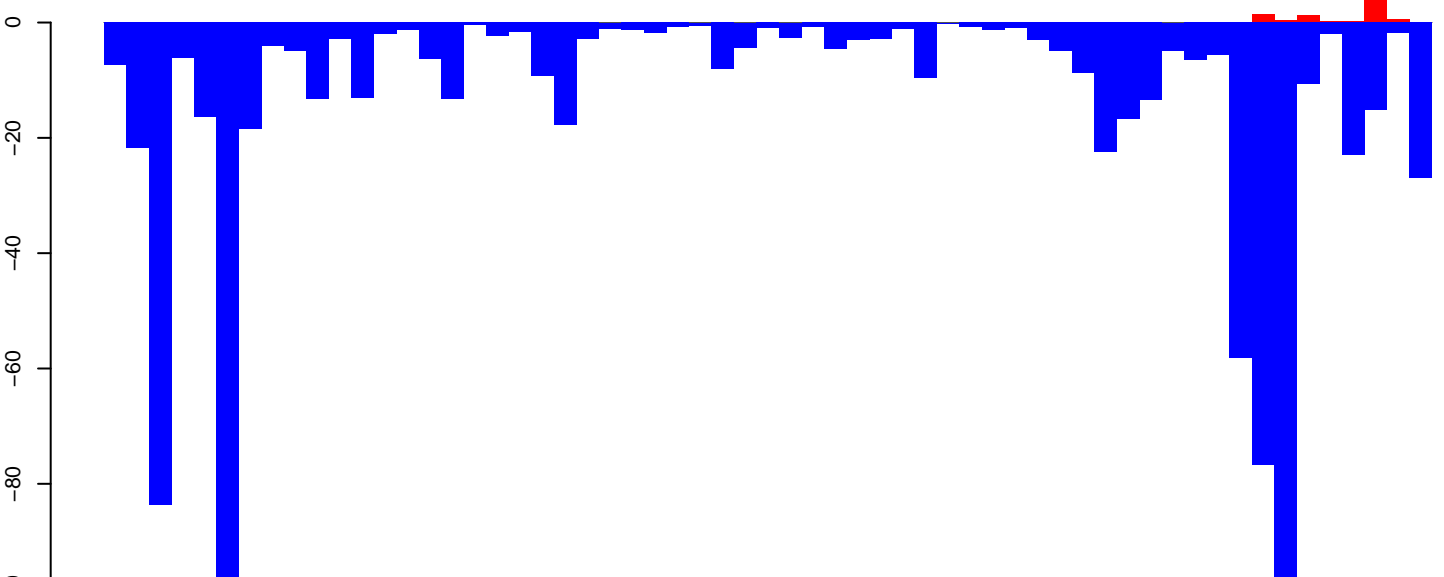
positive=3, negative=59, total=62

AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



positive=6, negative=763, total=769

AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep

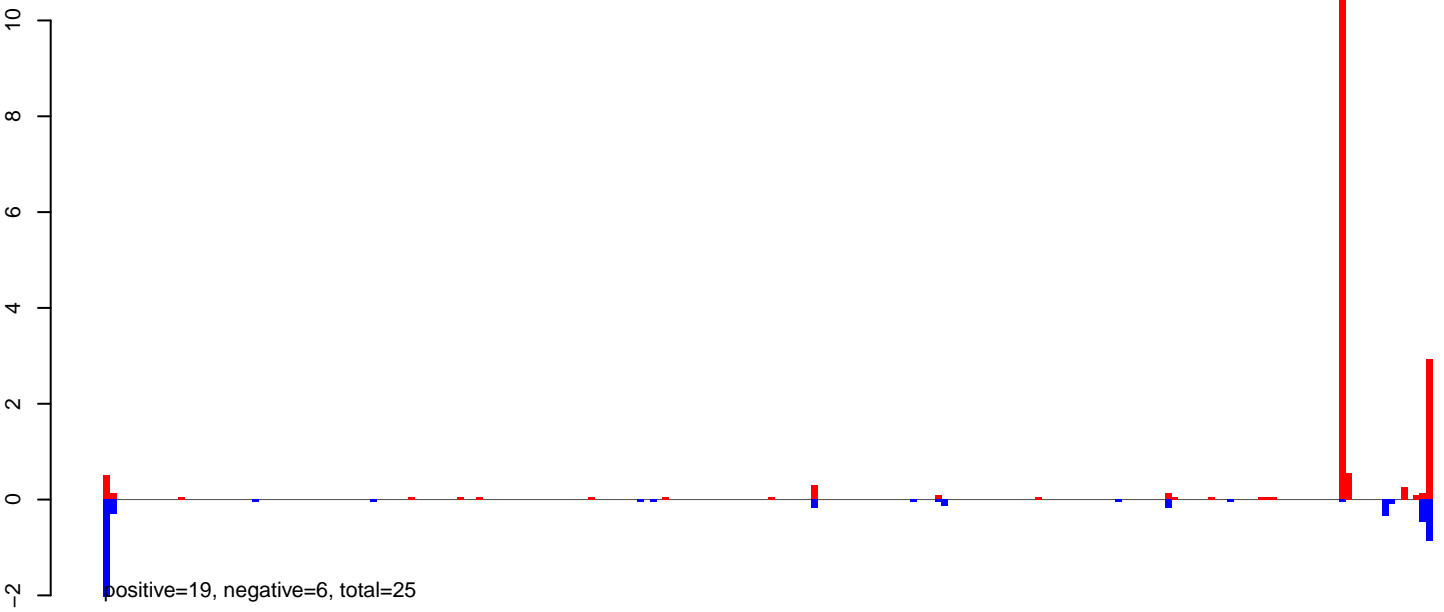


positive=9, negative=822, total=831

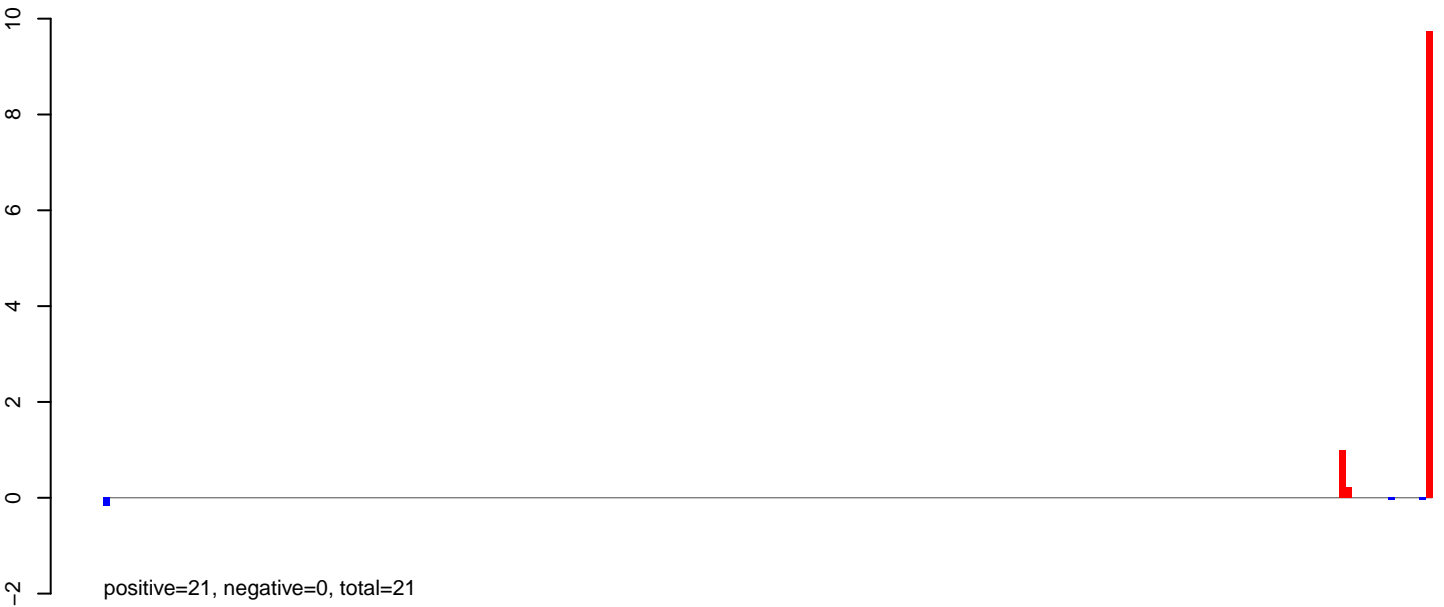
Window size=50, length=2965, virus@AY347953.2-Aedes\_aegypti\_genomic\_sequence:1-2965

0 500 1000 1500 2000 2500 3000

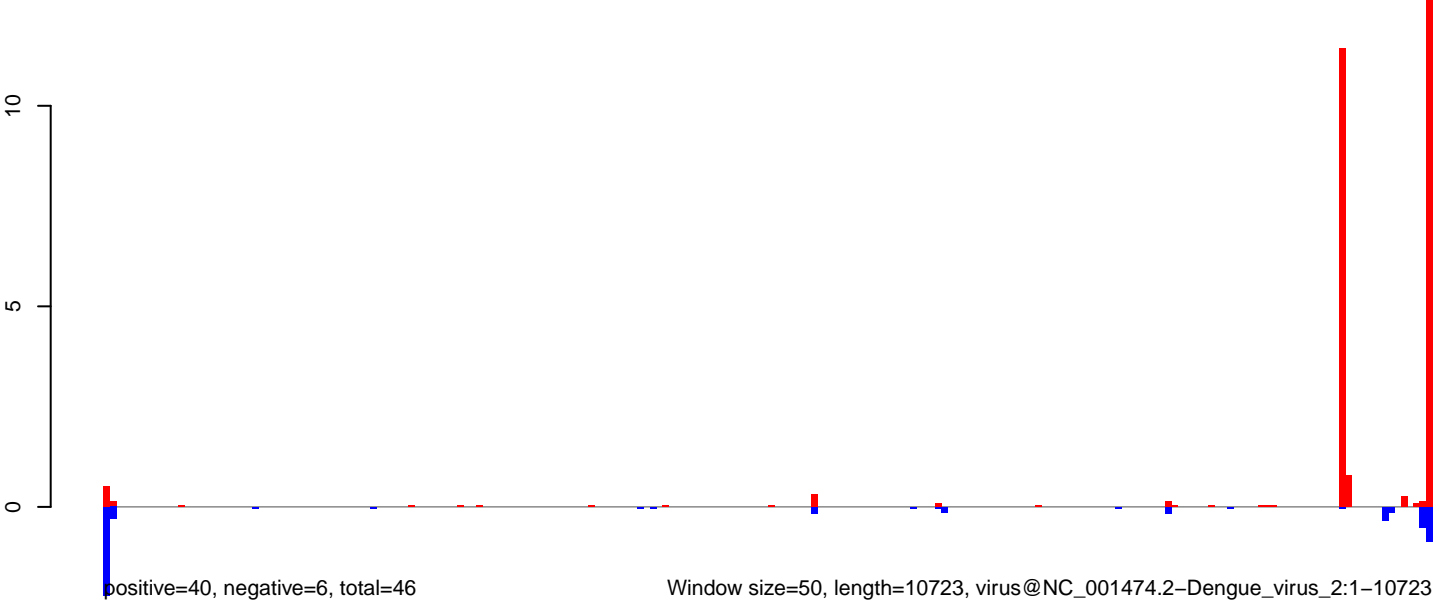
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep

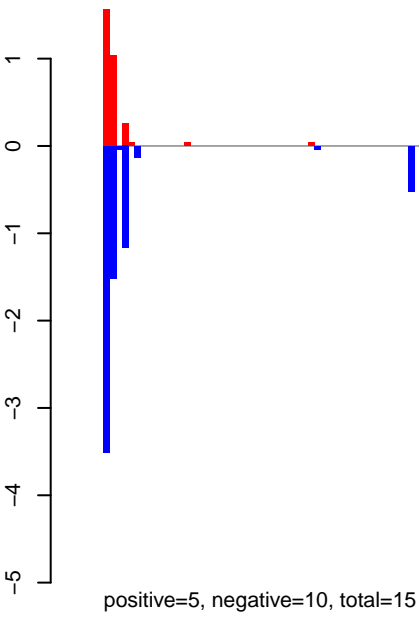


AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep

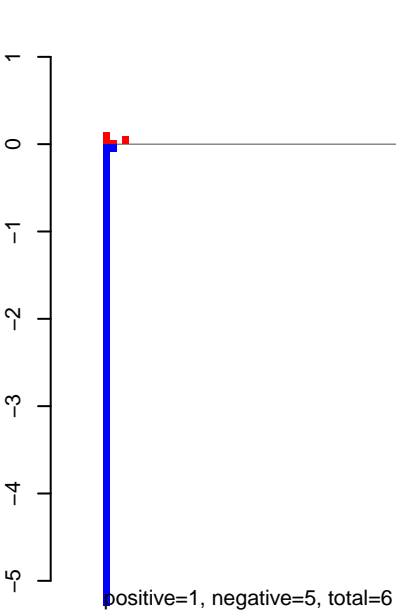


Window size=50, length=10723, virus@NC\_001474.2-Dengue\_virus\_2:1-10723

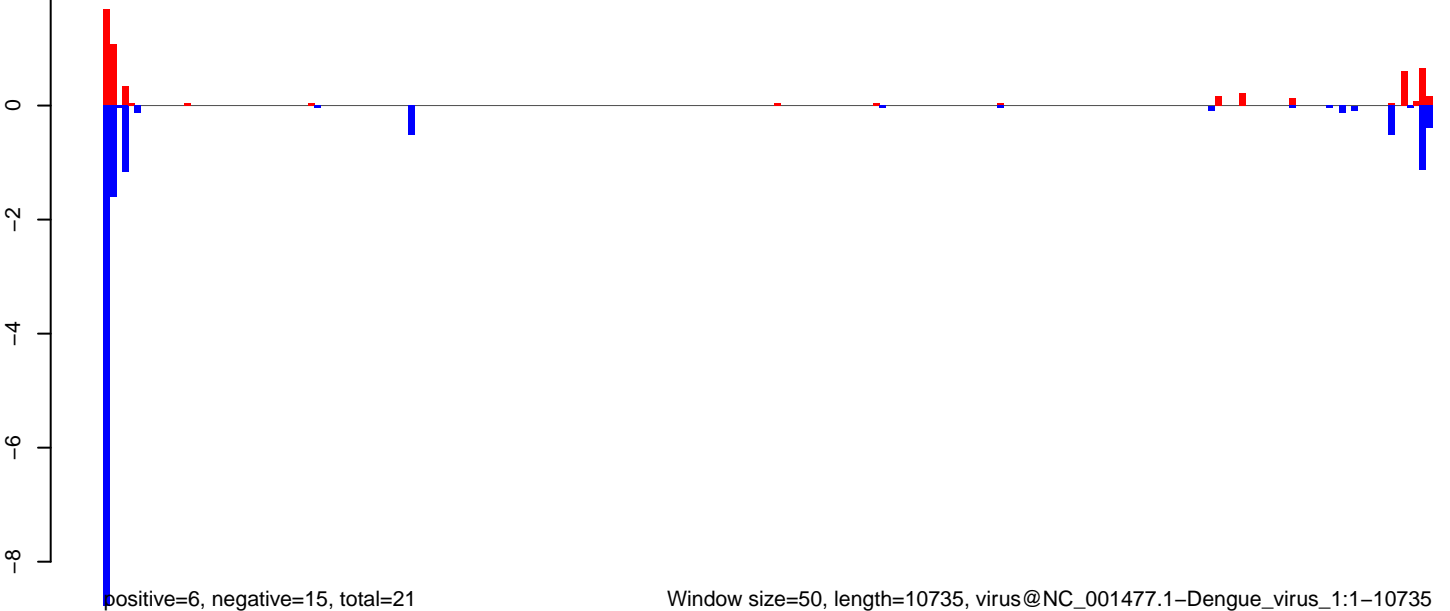
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



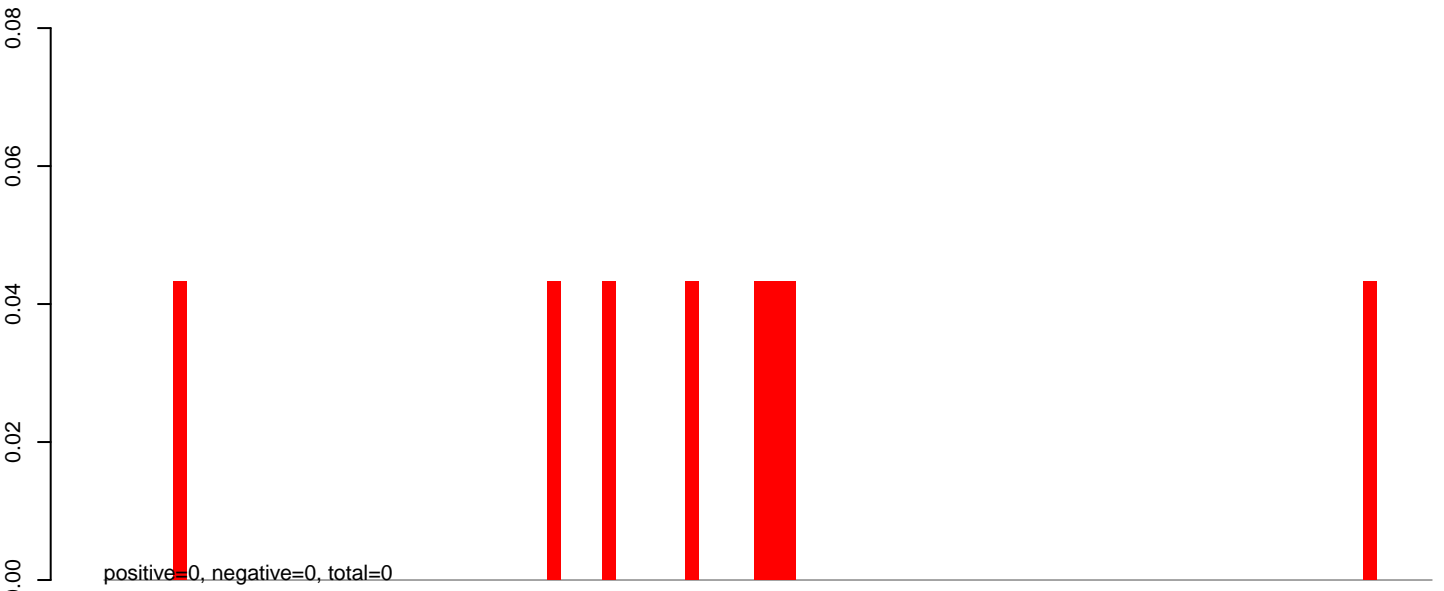
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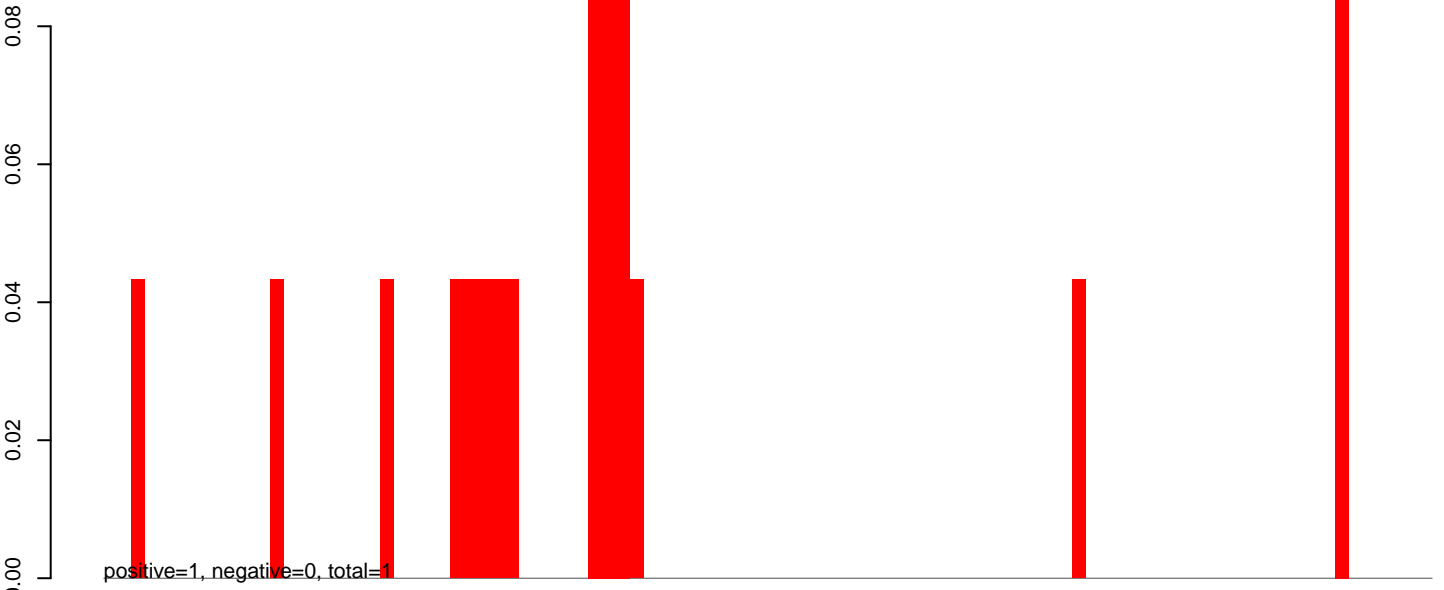
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AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep

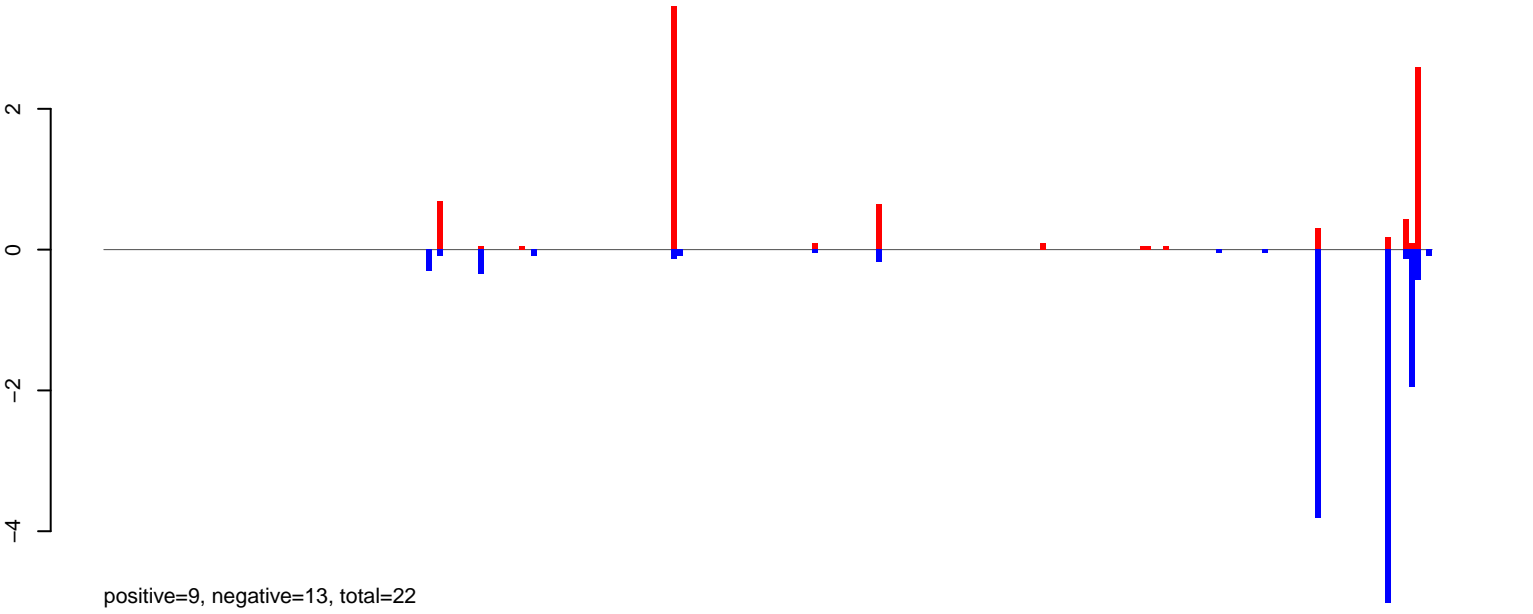


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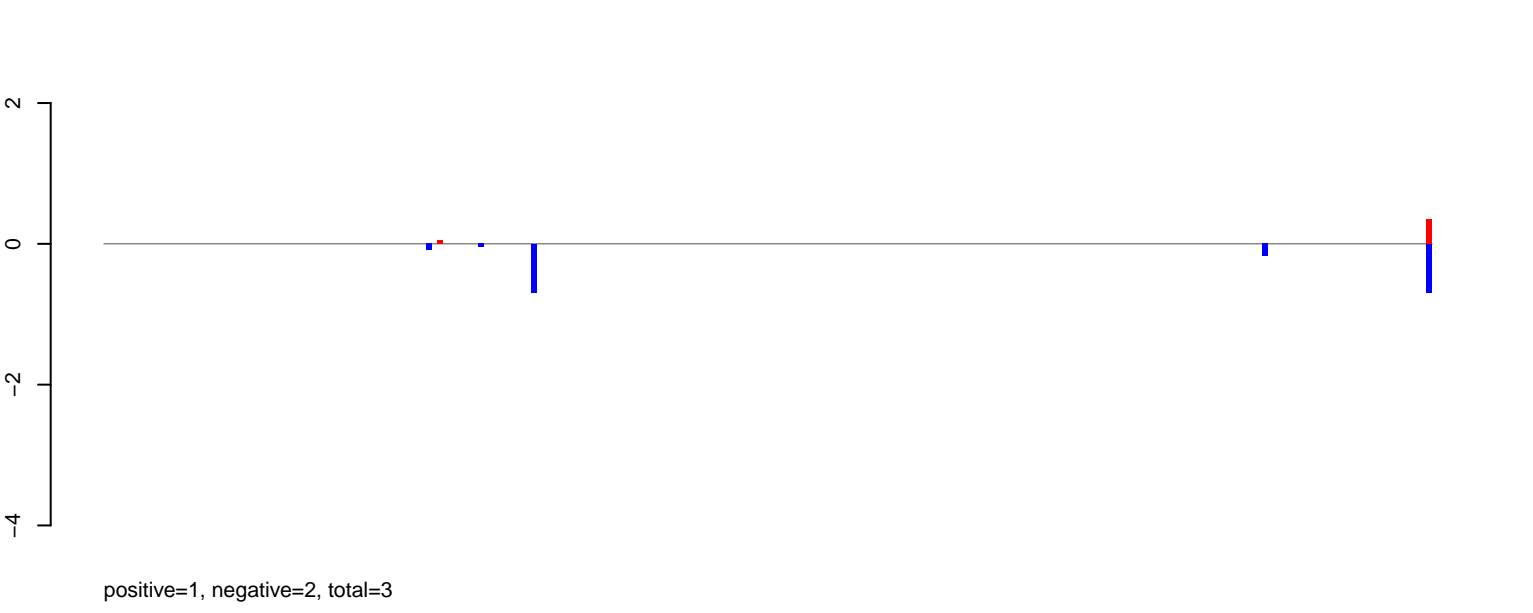




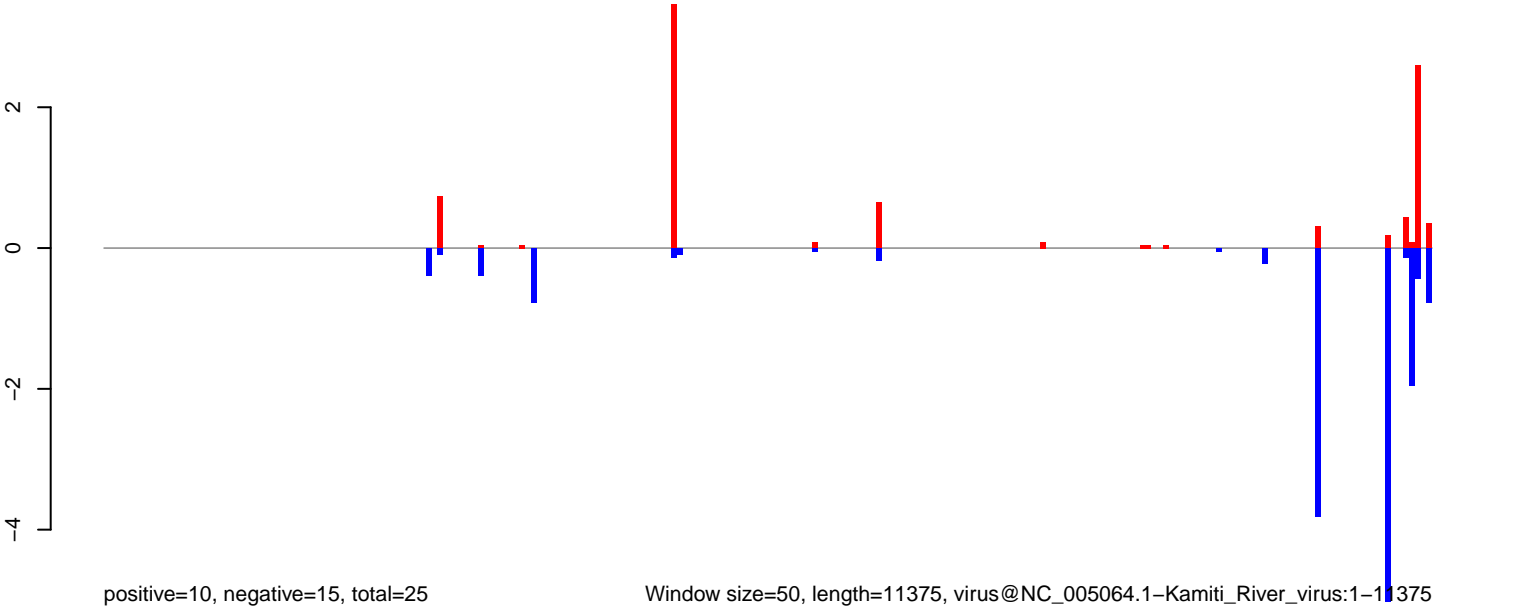
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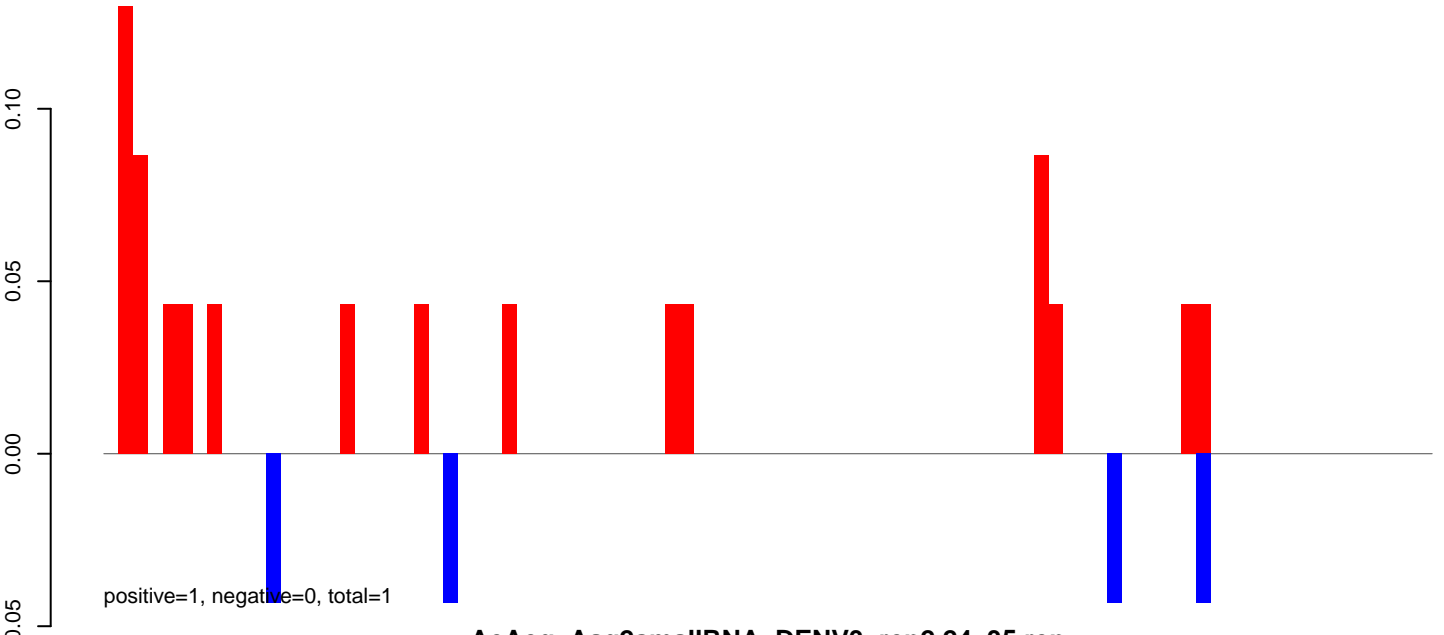
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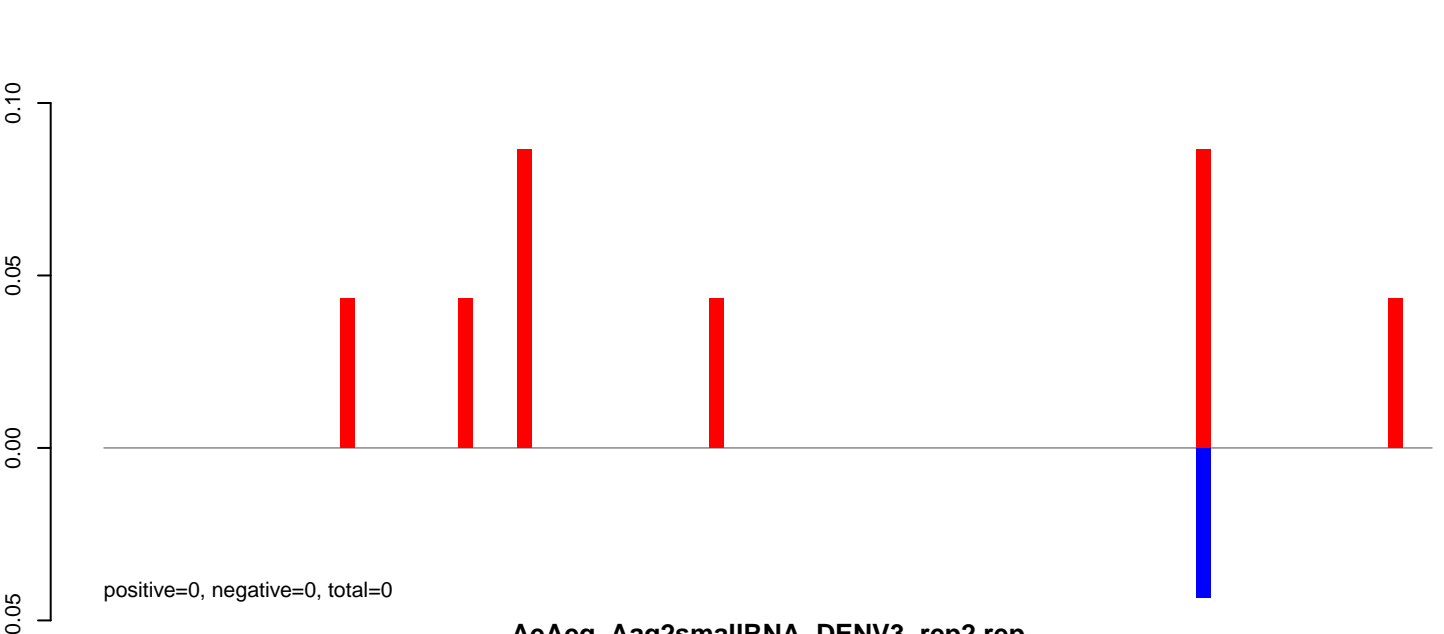
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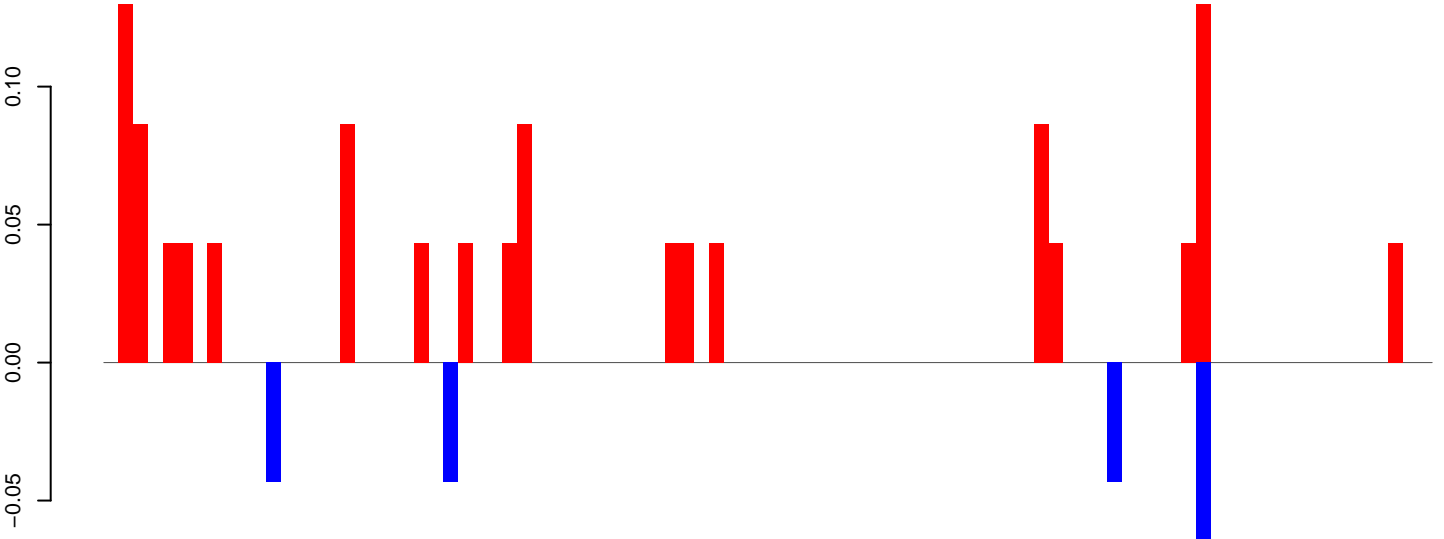
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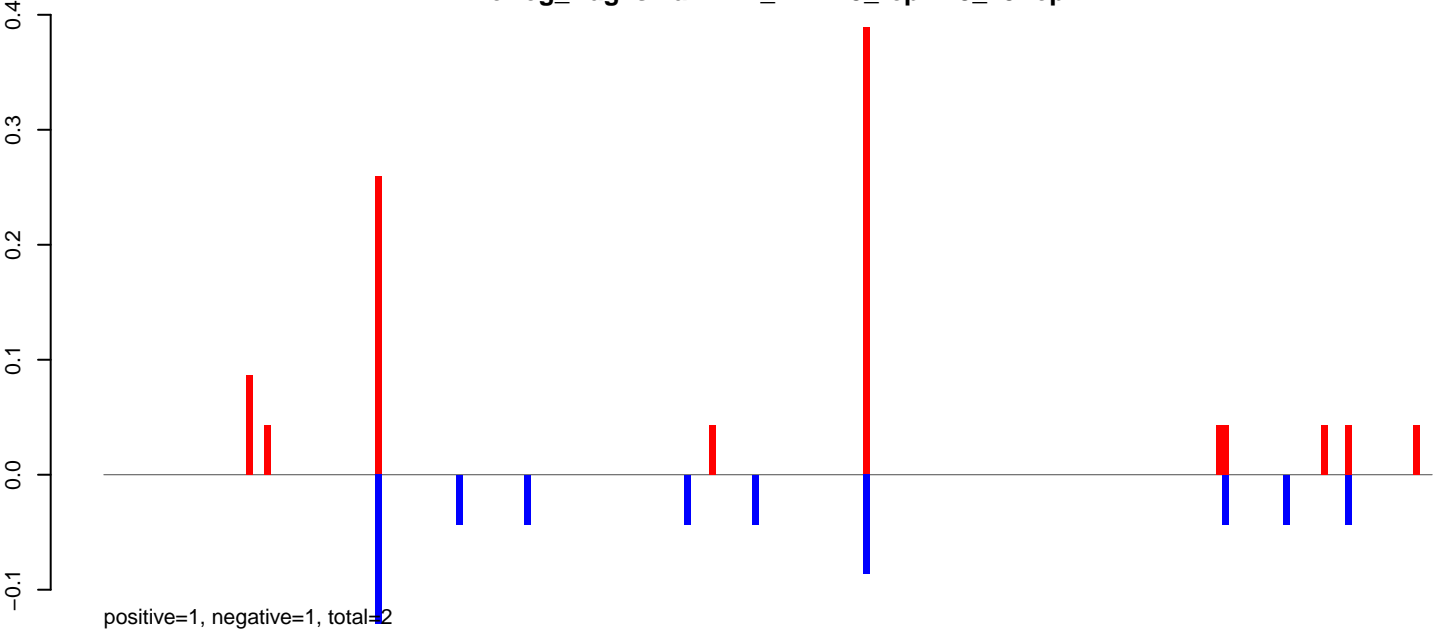
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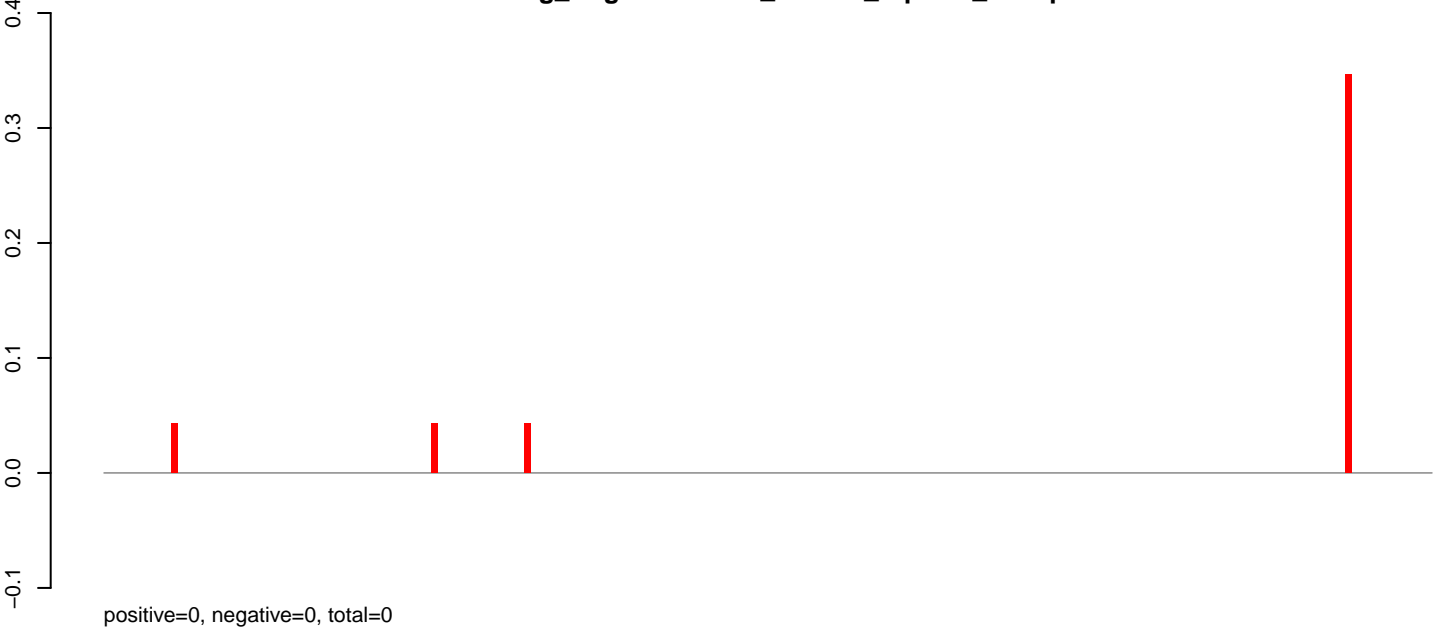
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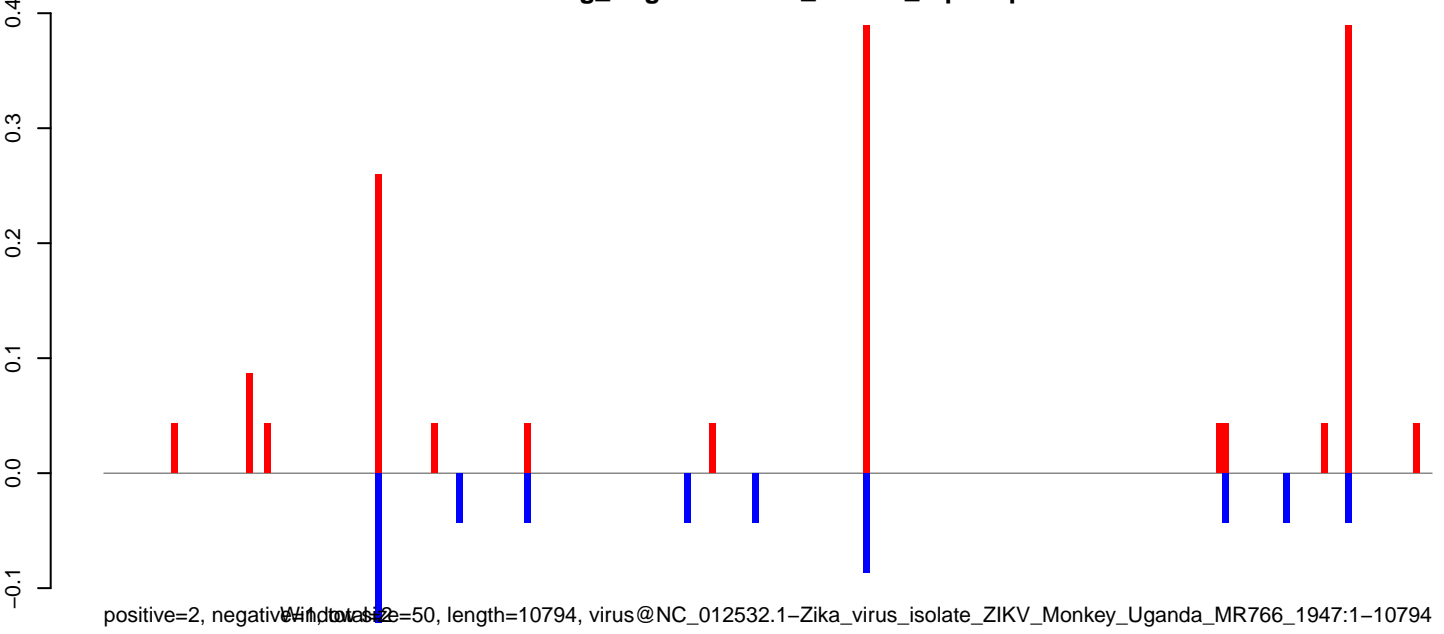
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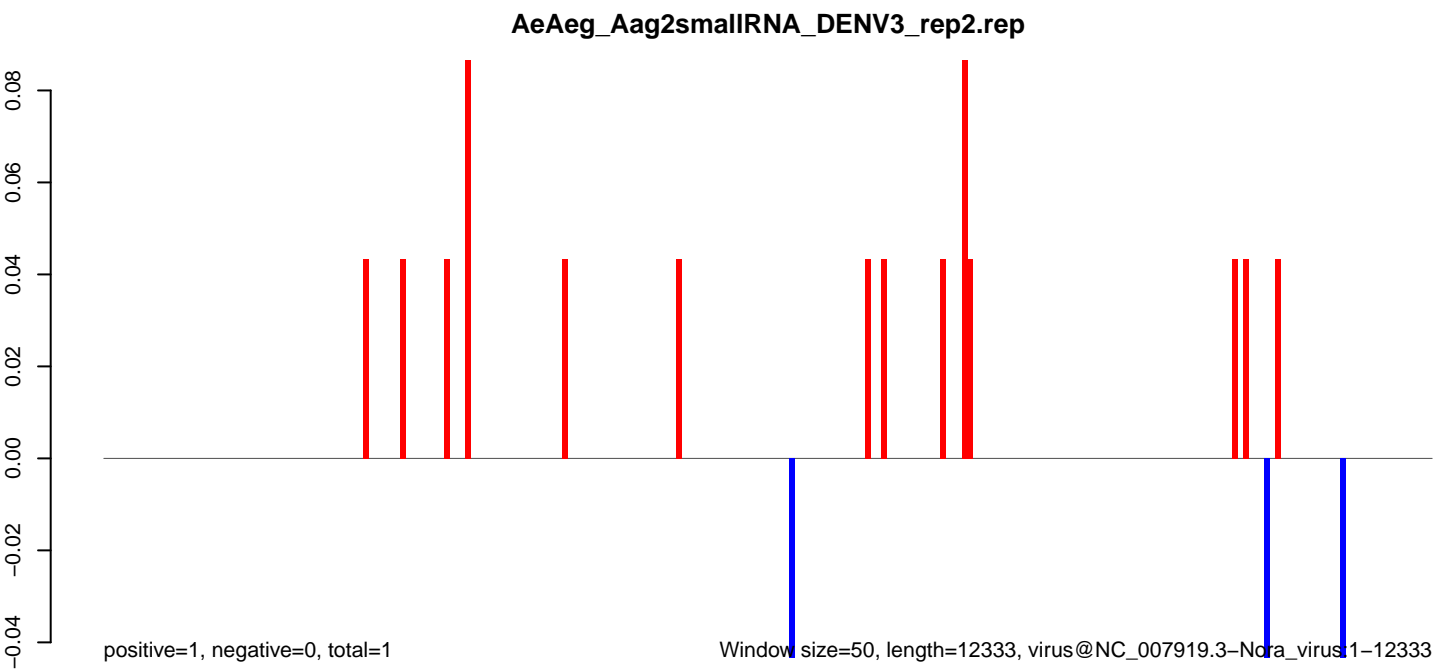
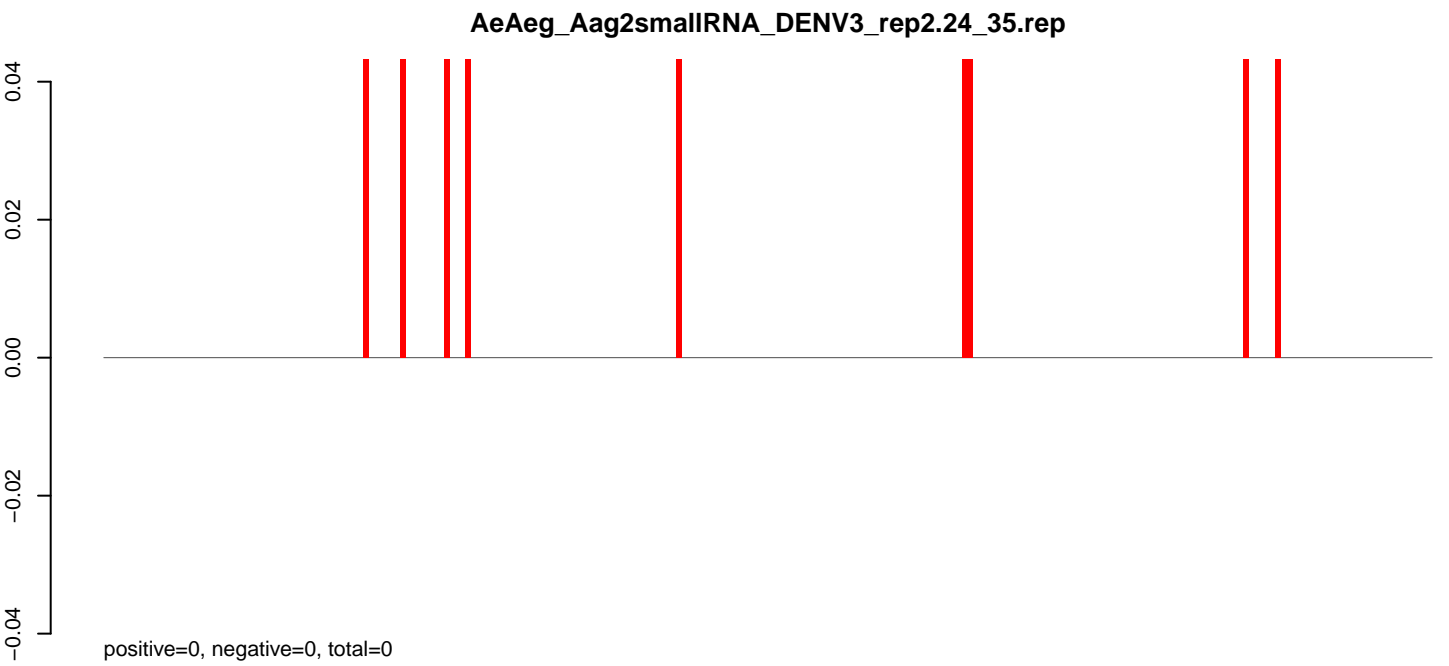
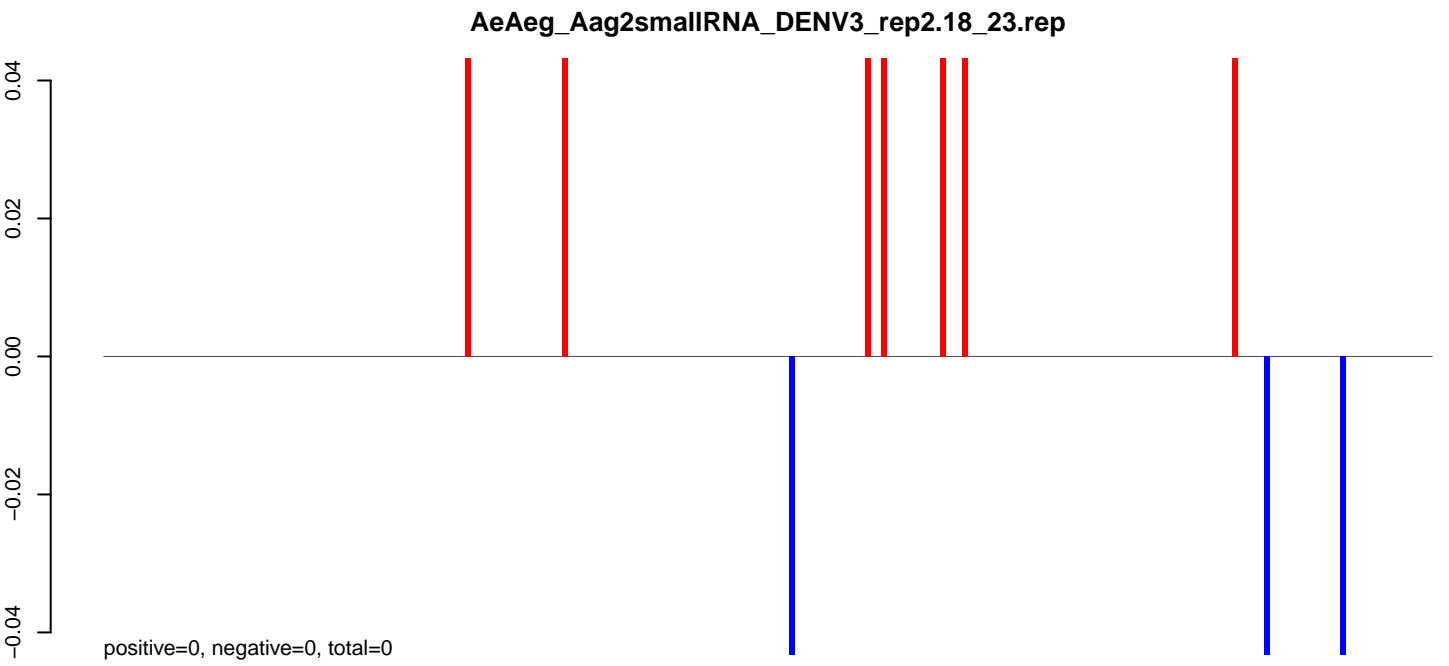


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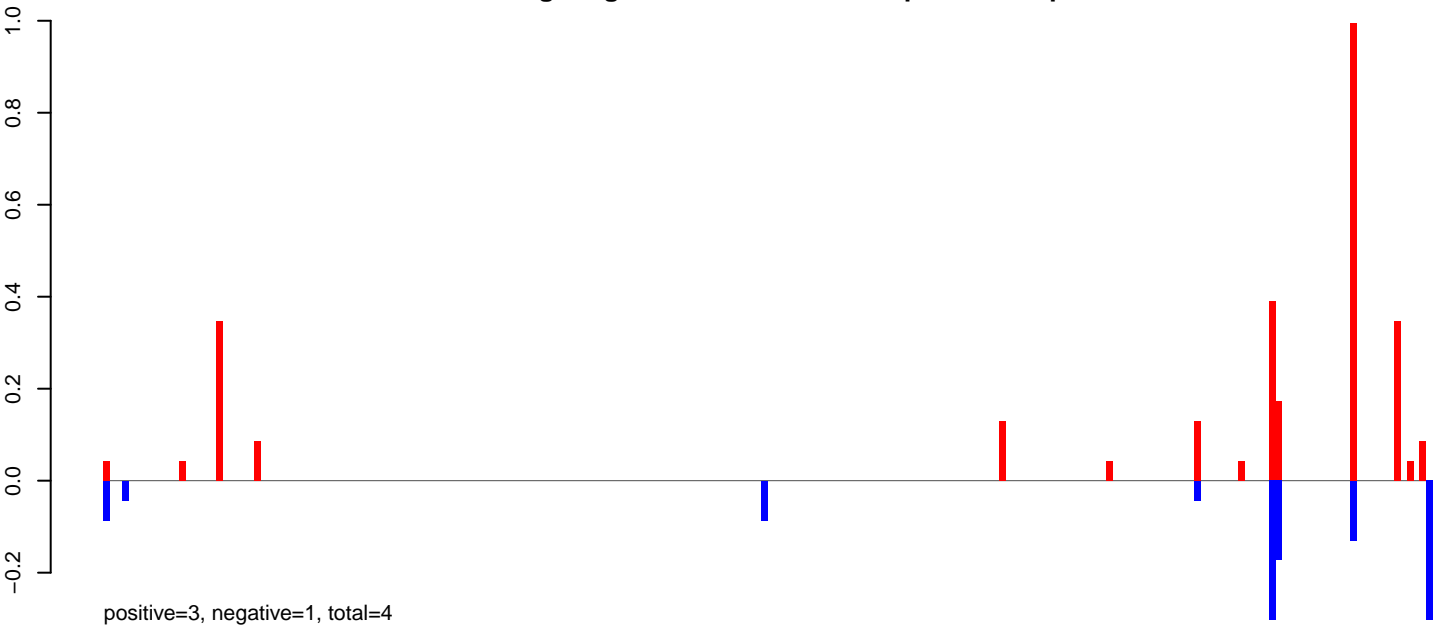


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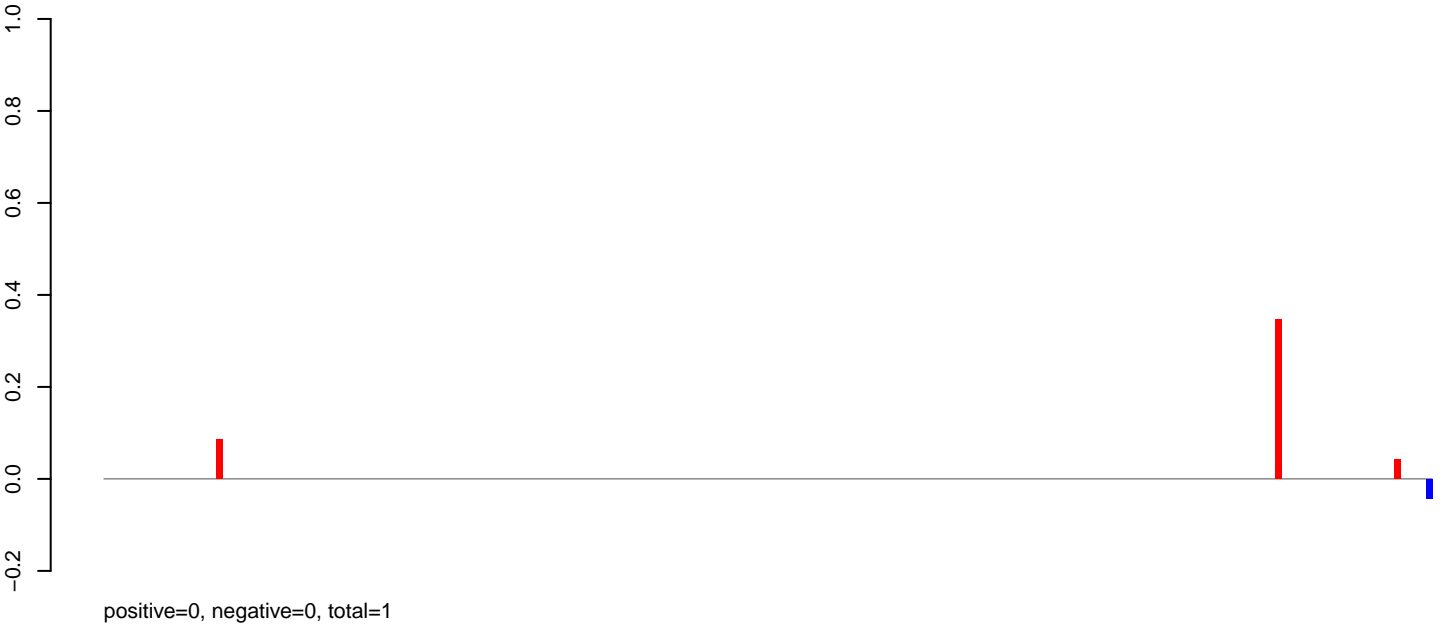




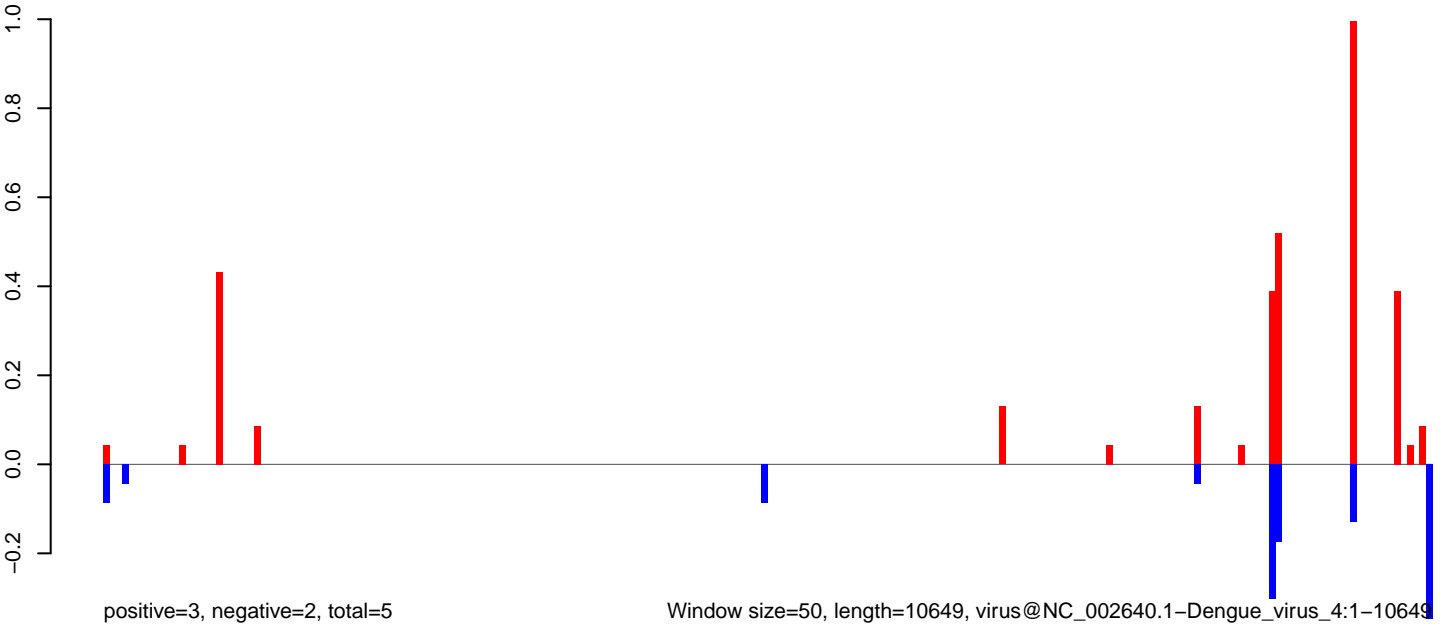
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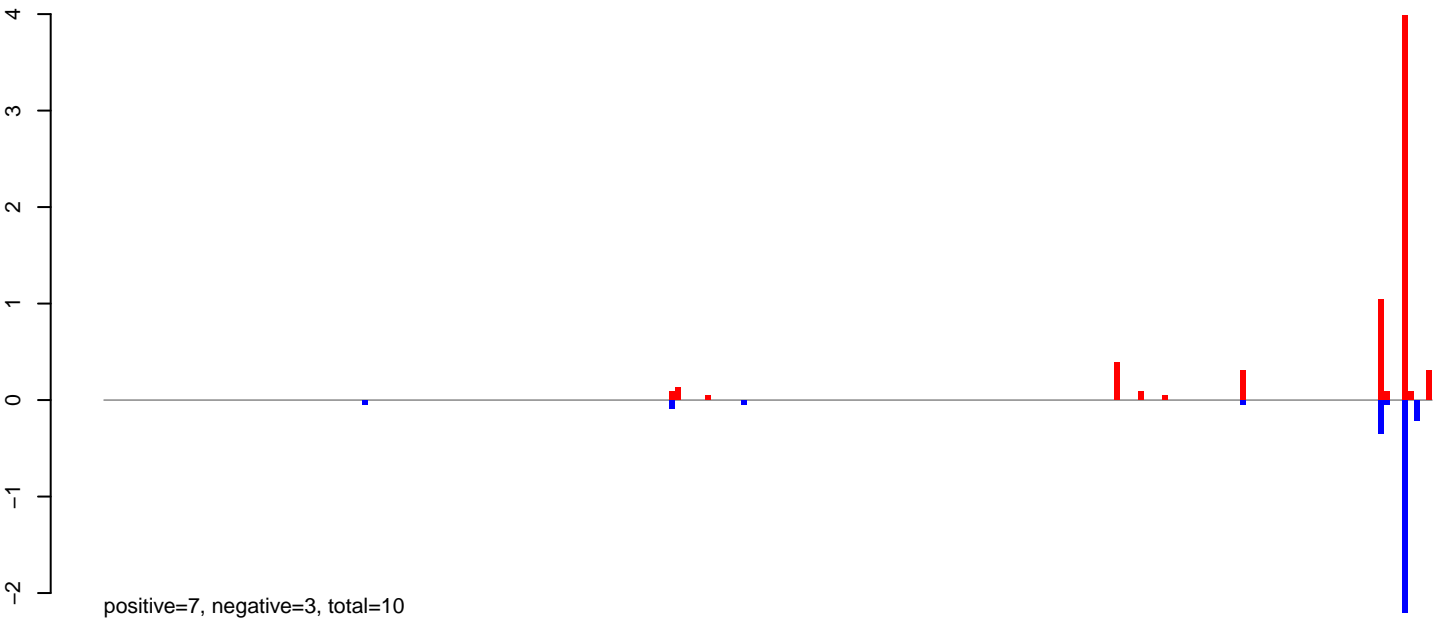
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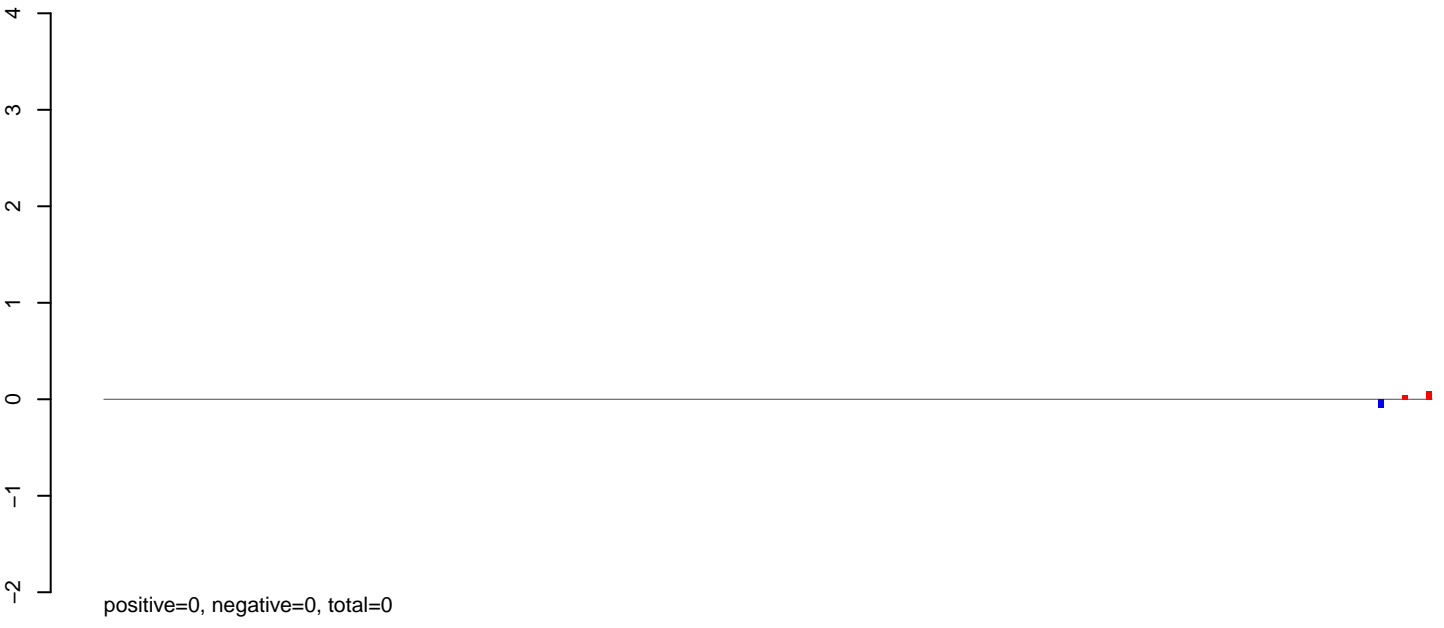
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



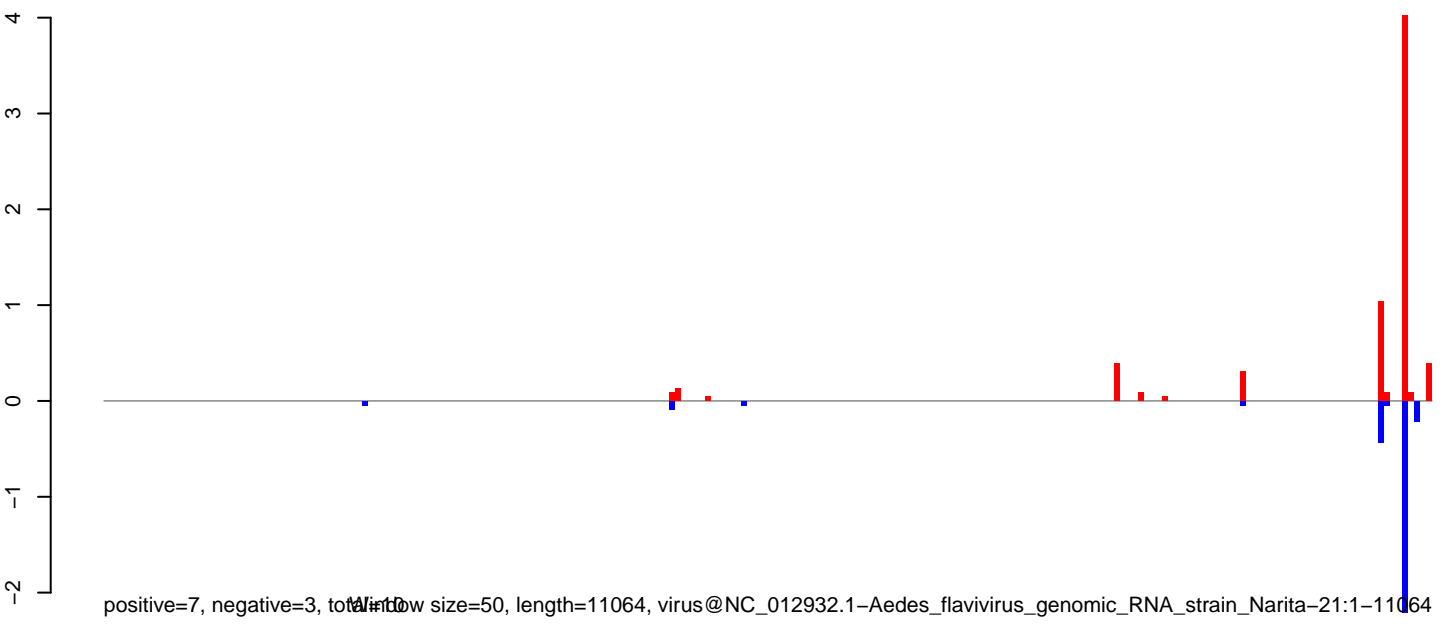
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

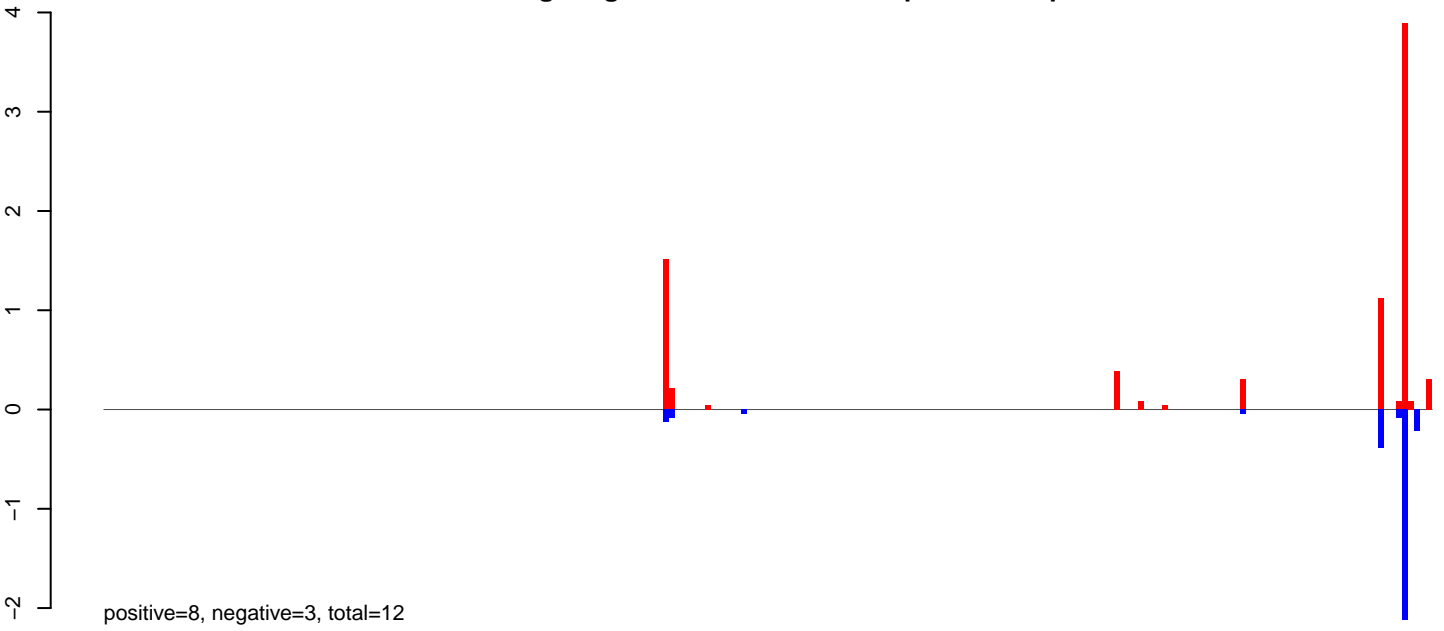


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

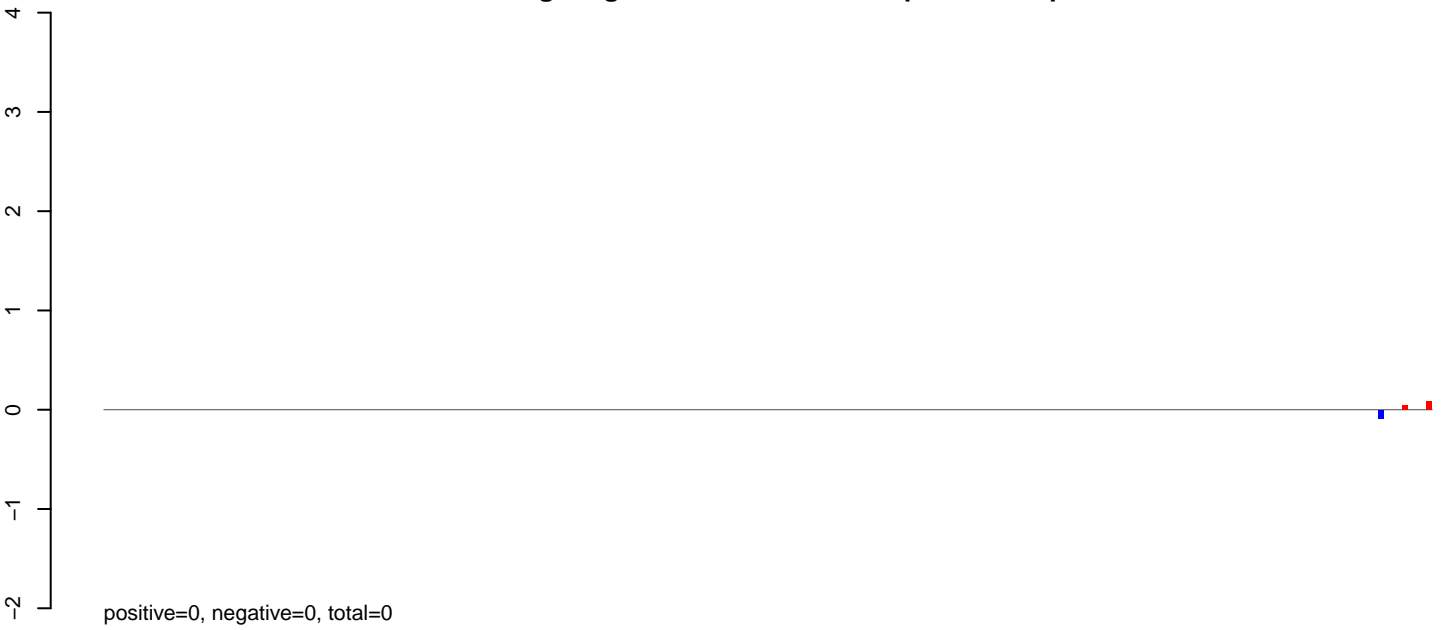


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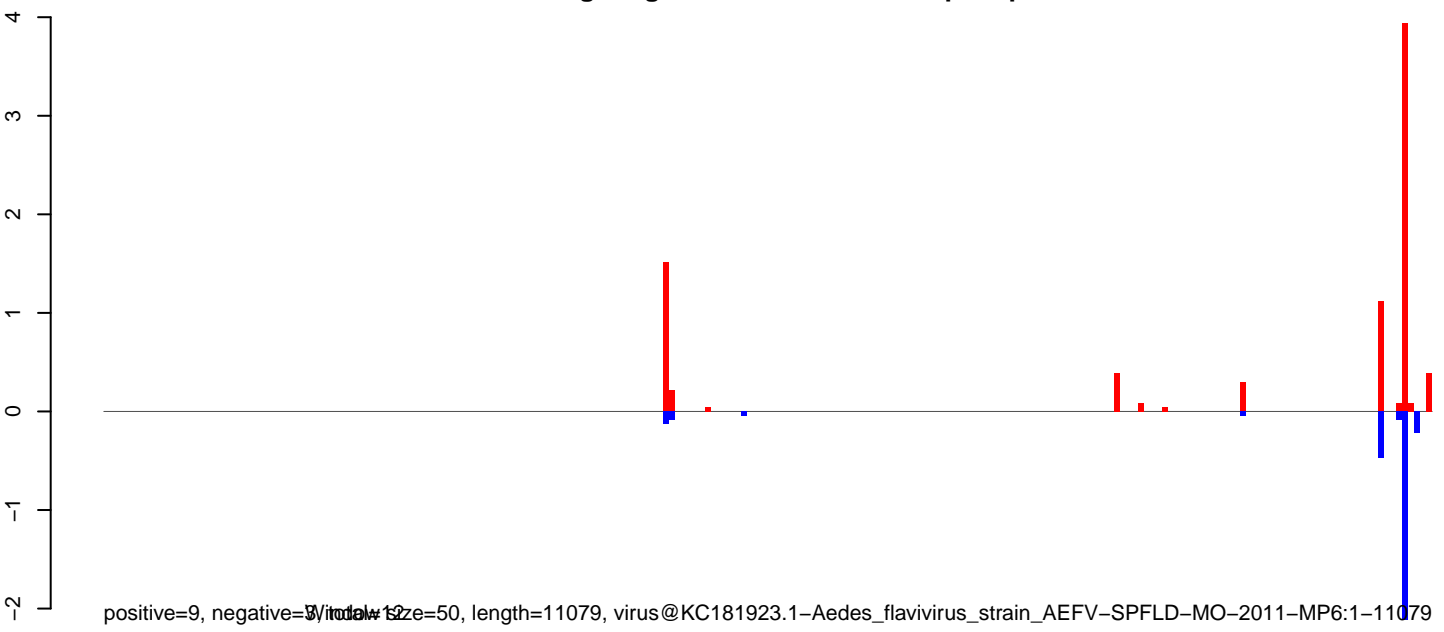
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



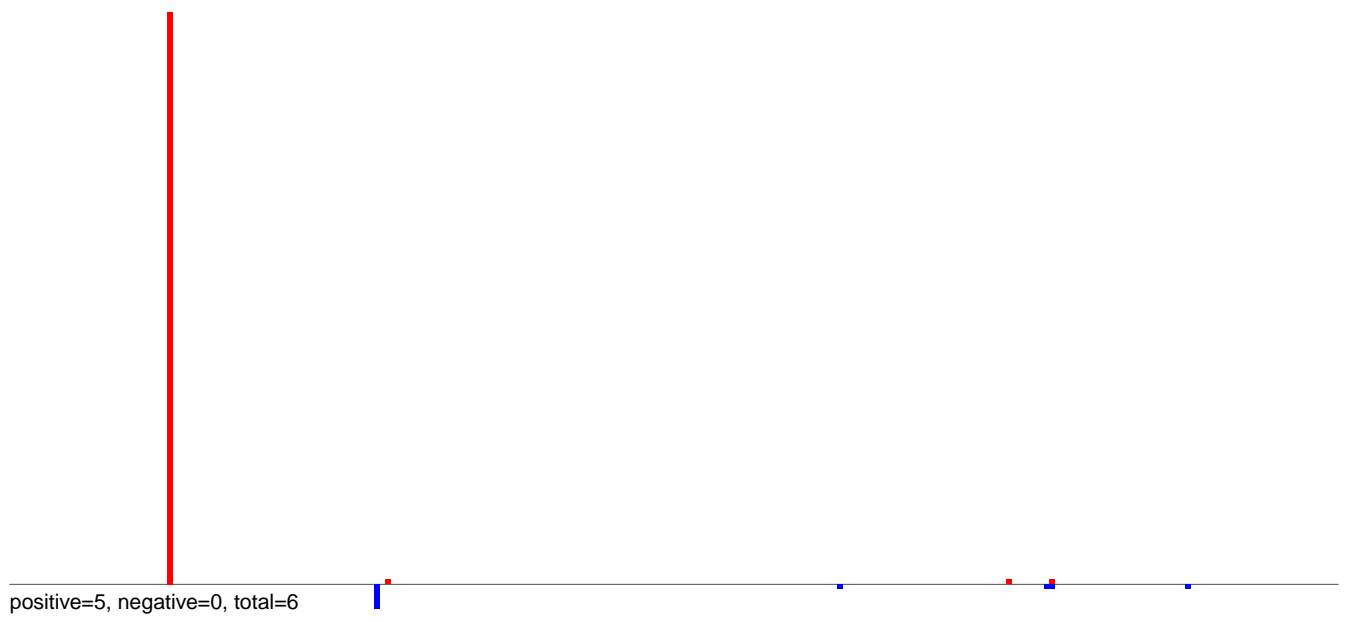
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



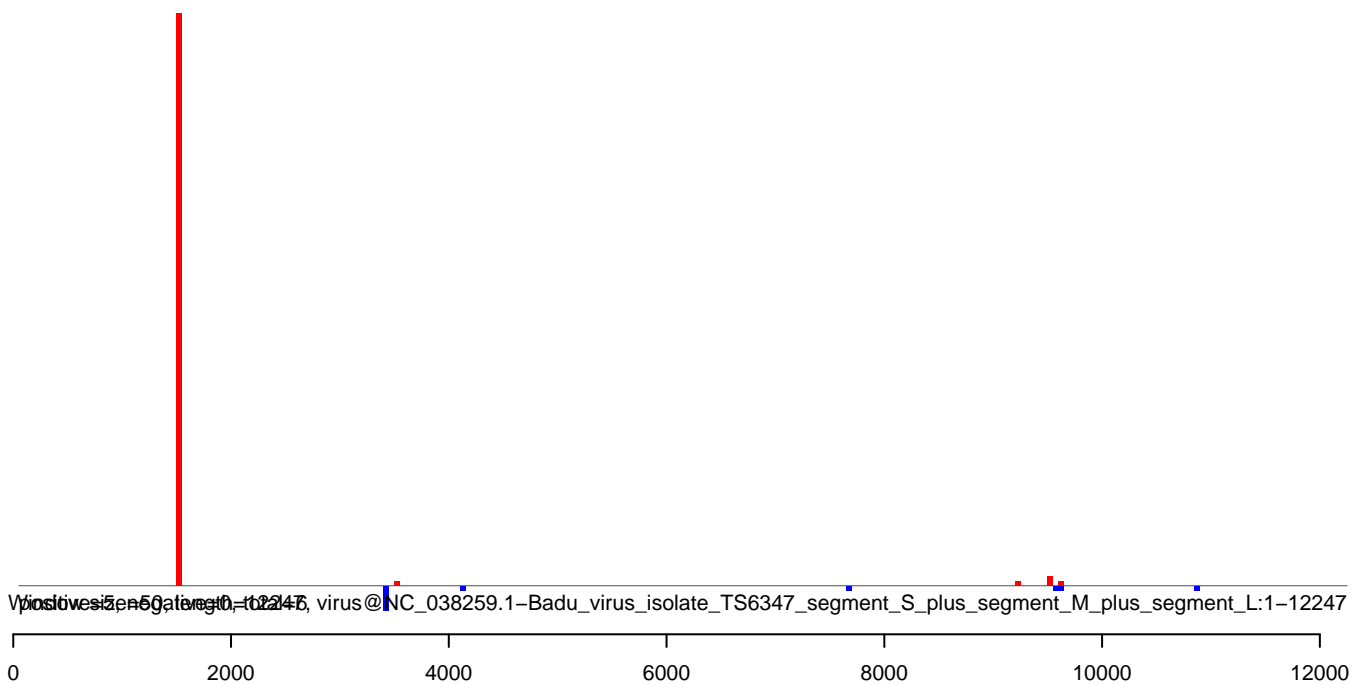
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

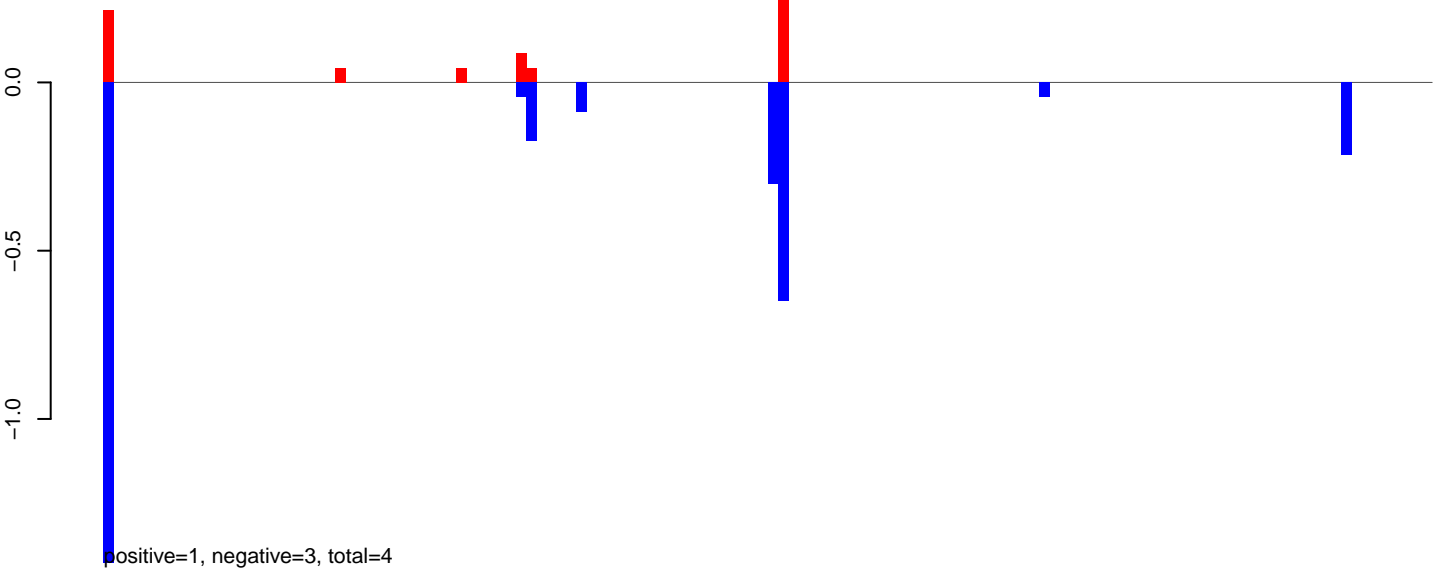


positive=5, negative=0, total=5, virus@NC\_038259.1-Badu\_virus\_isolate\_TS6347\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12247

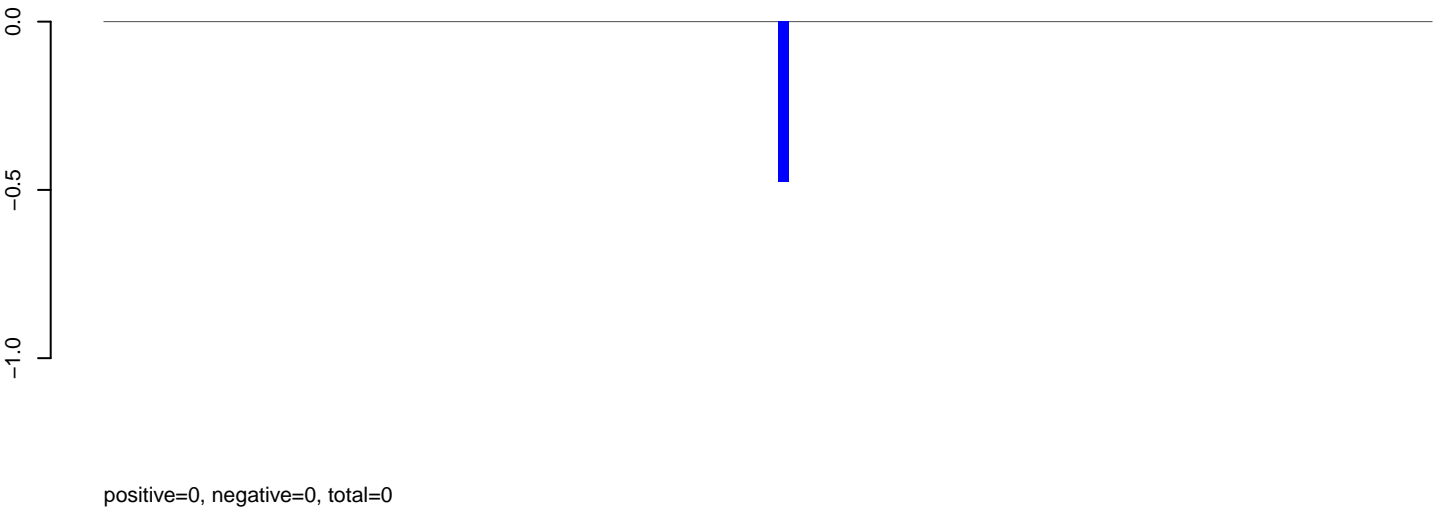
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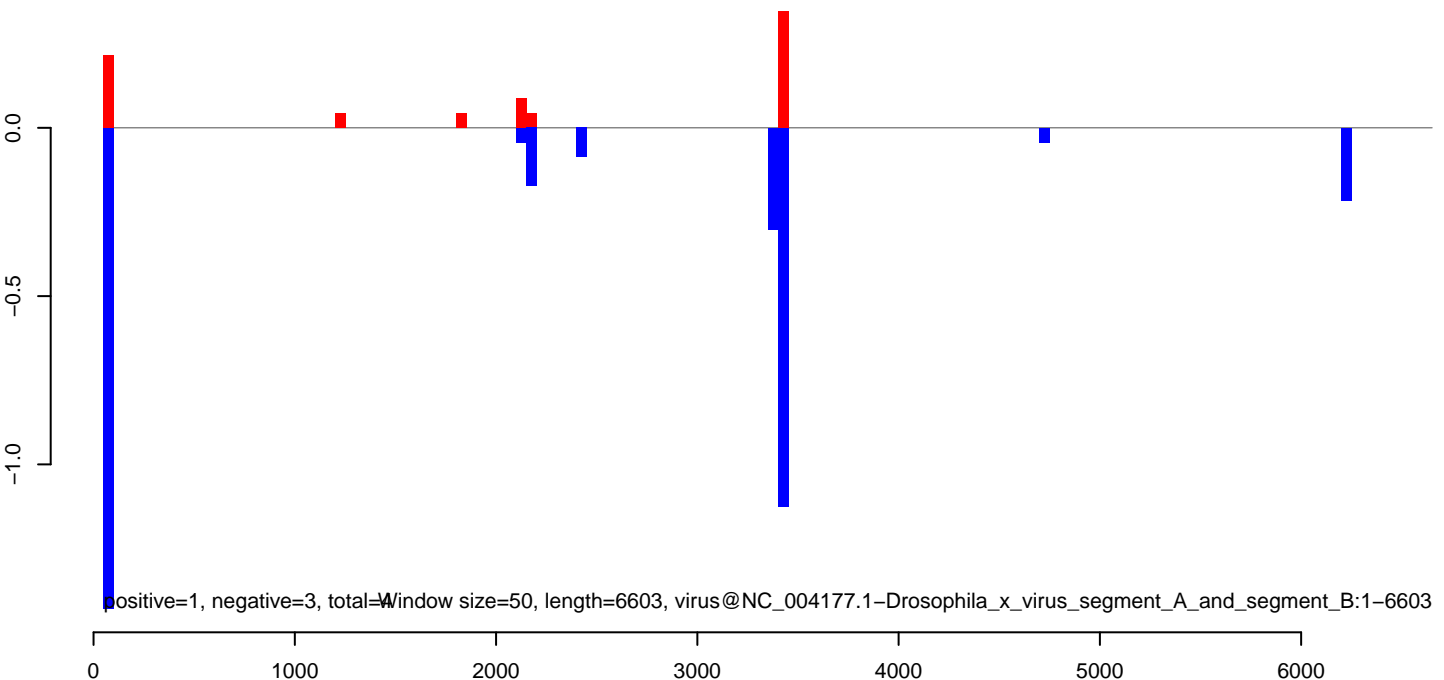
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

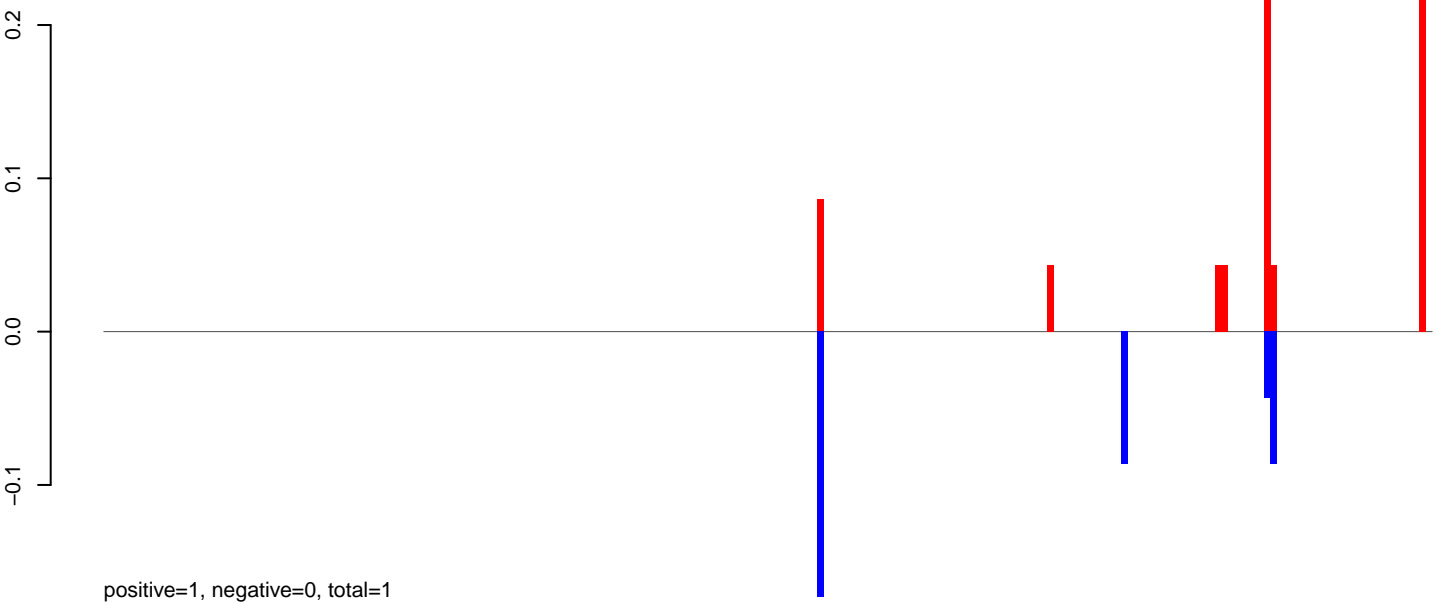


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

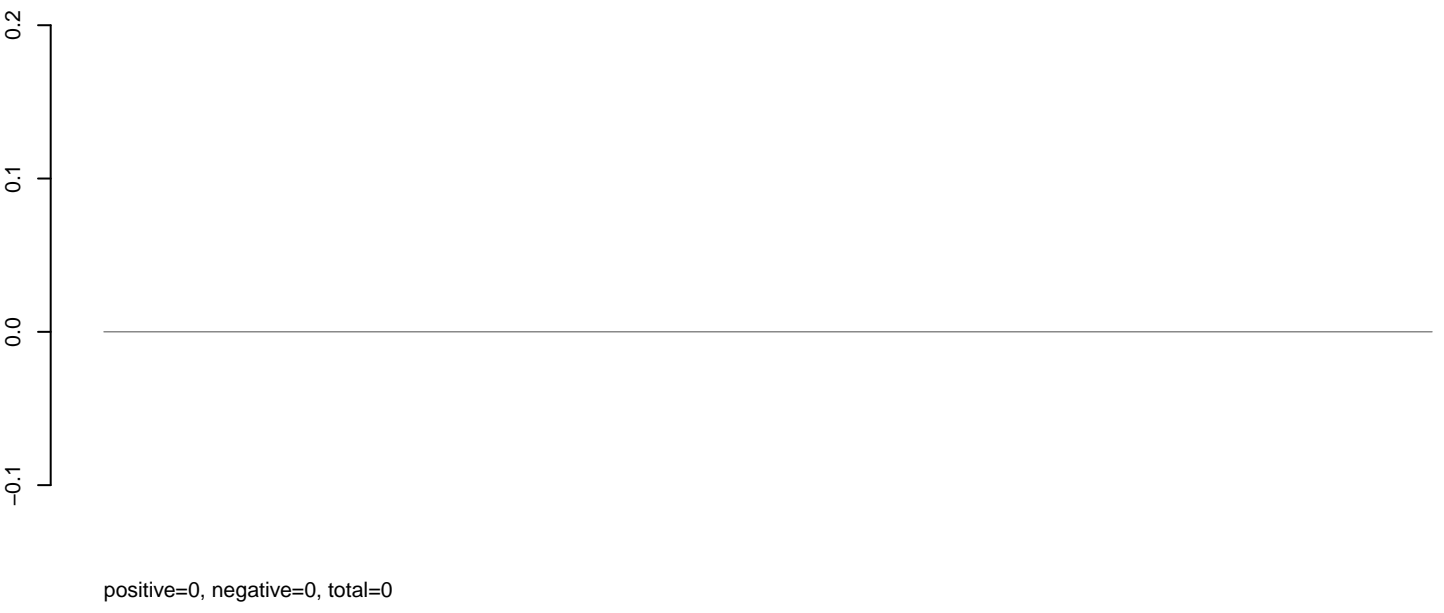




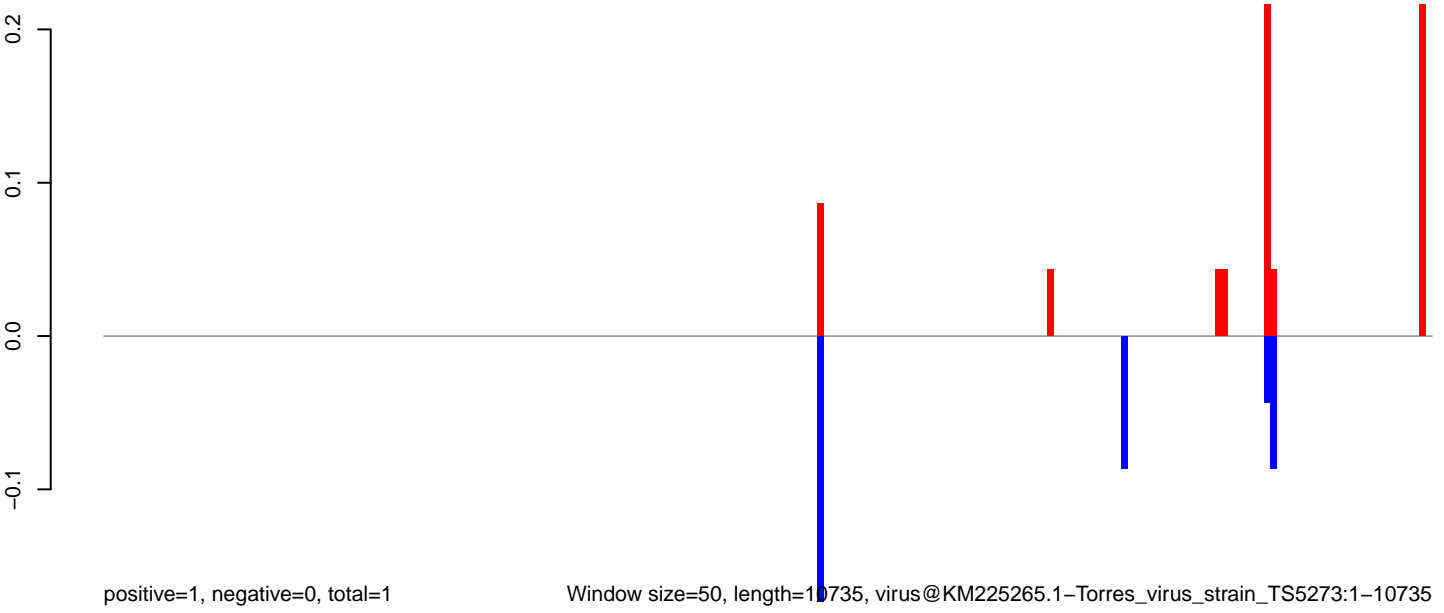
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



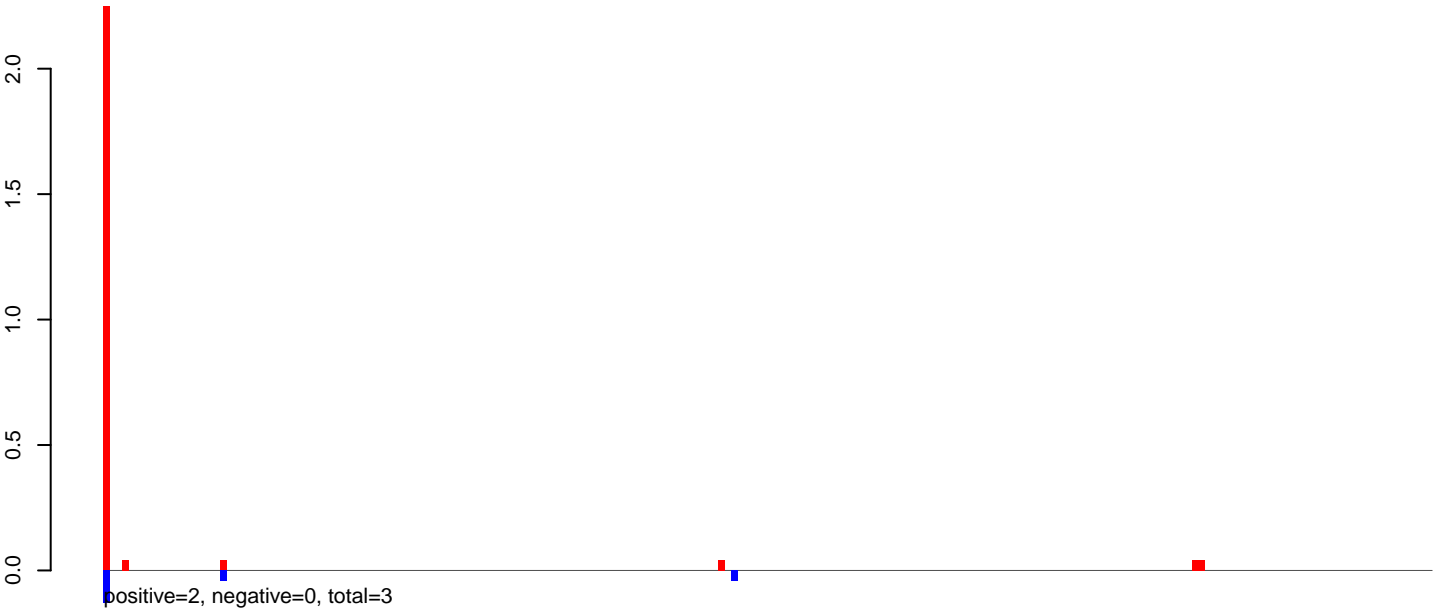
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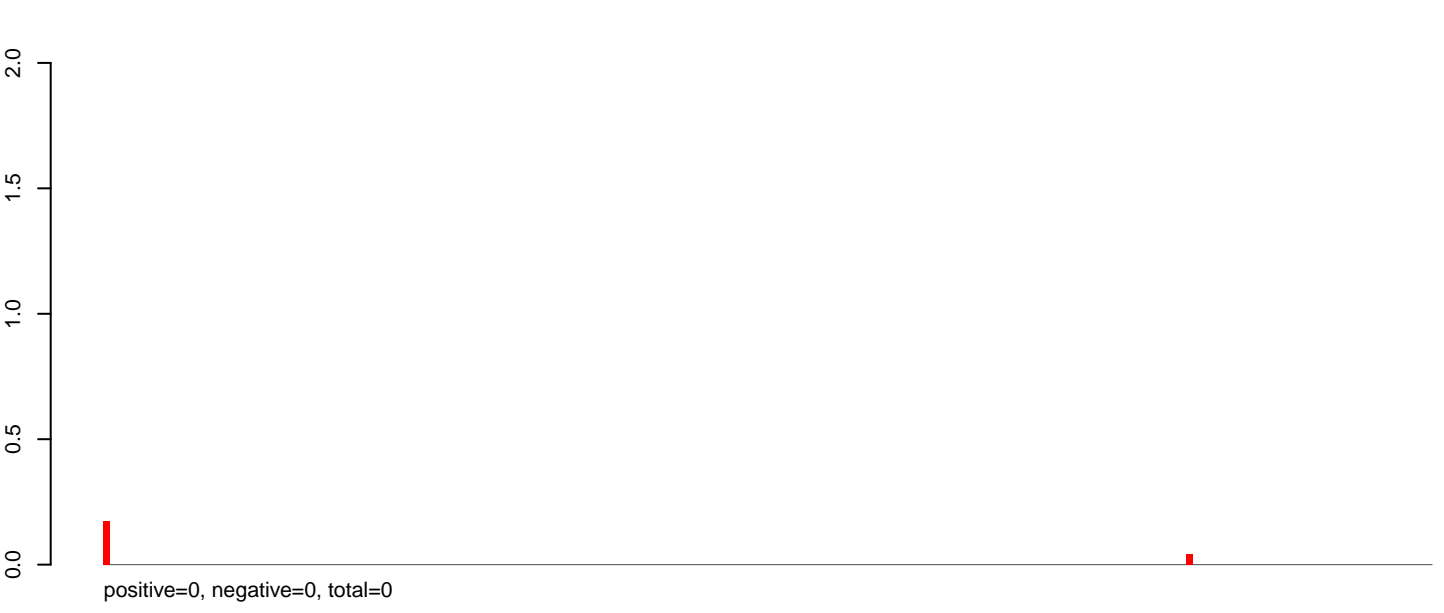
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0 2000 4000 6000 8000 10000

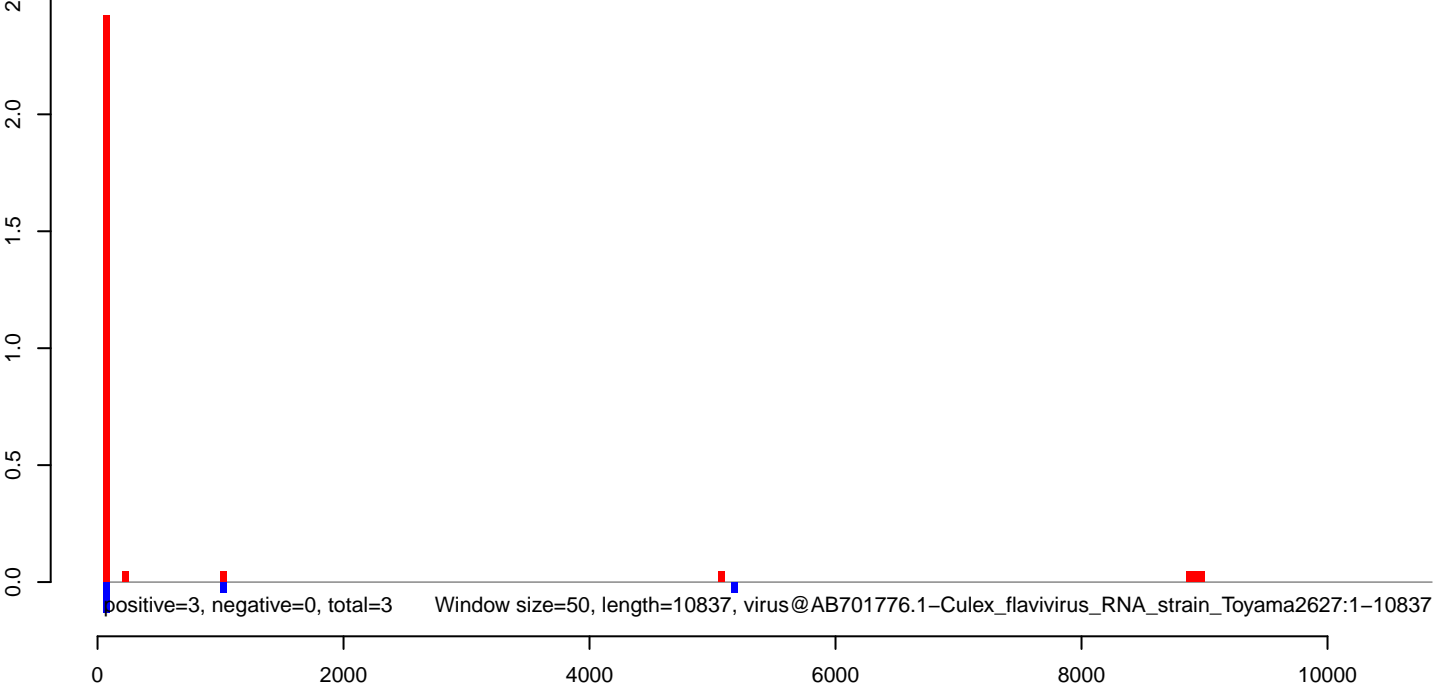
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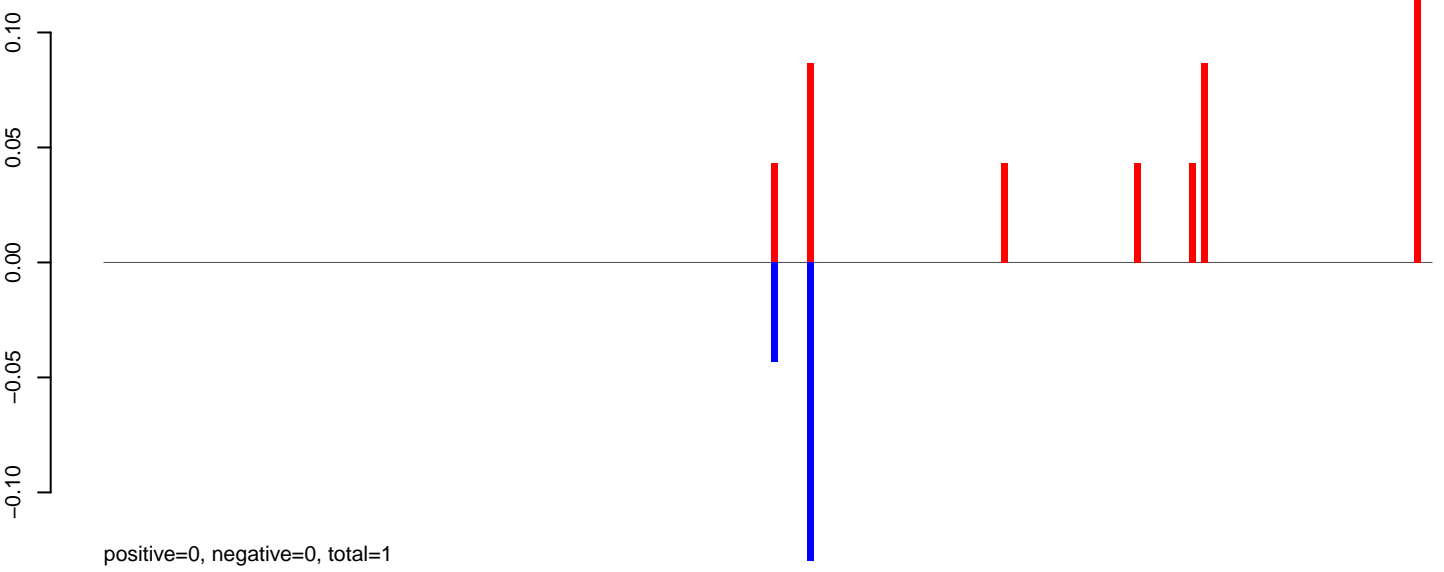
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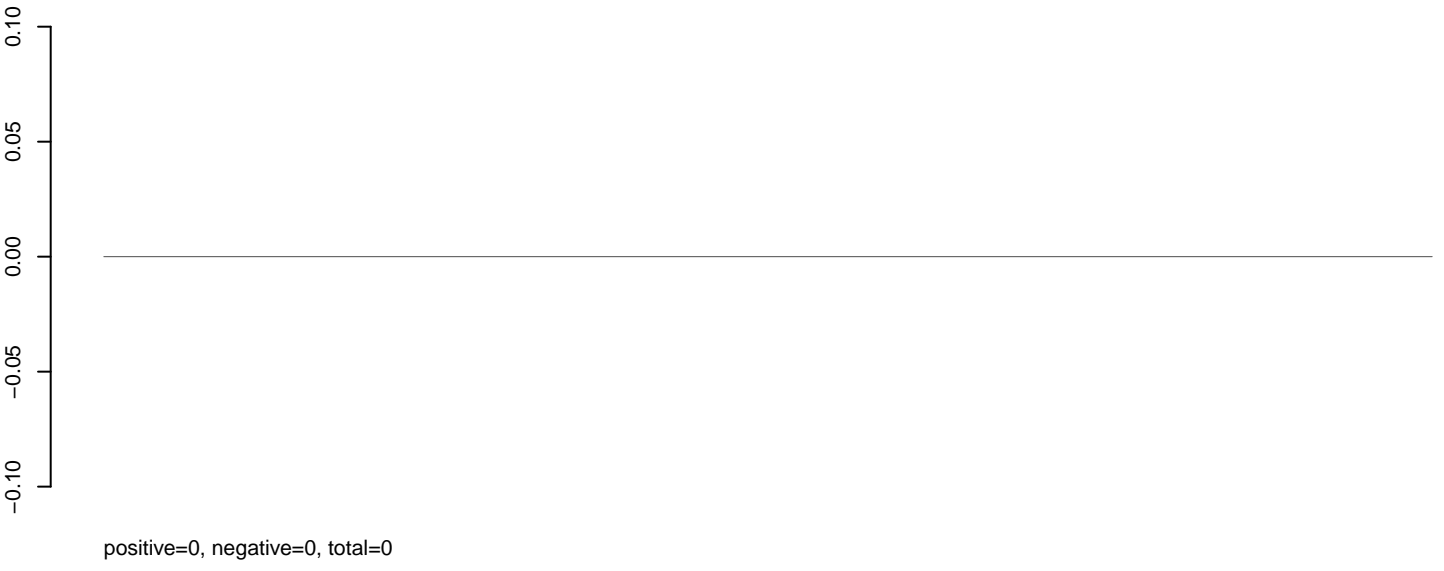
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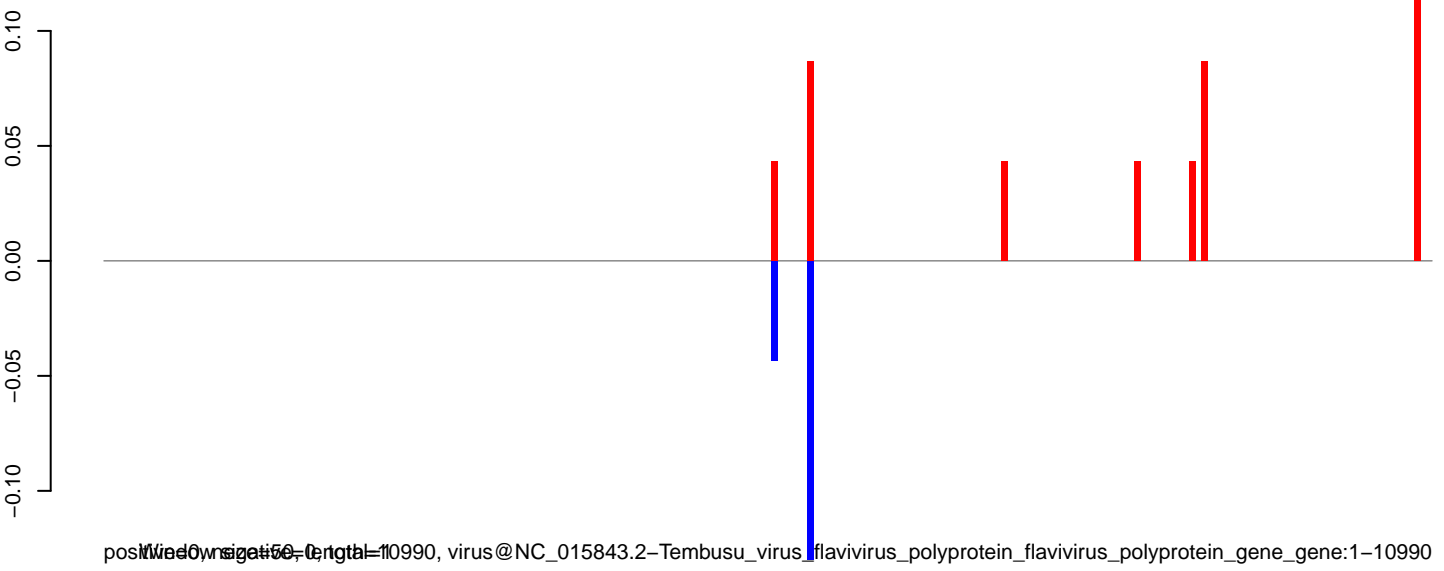
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



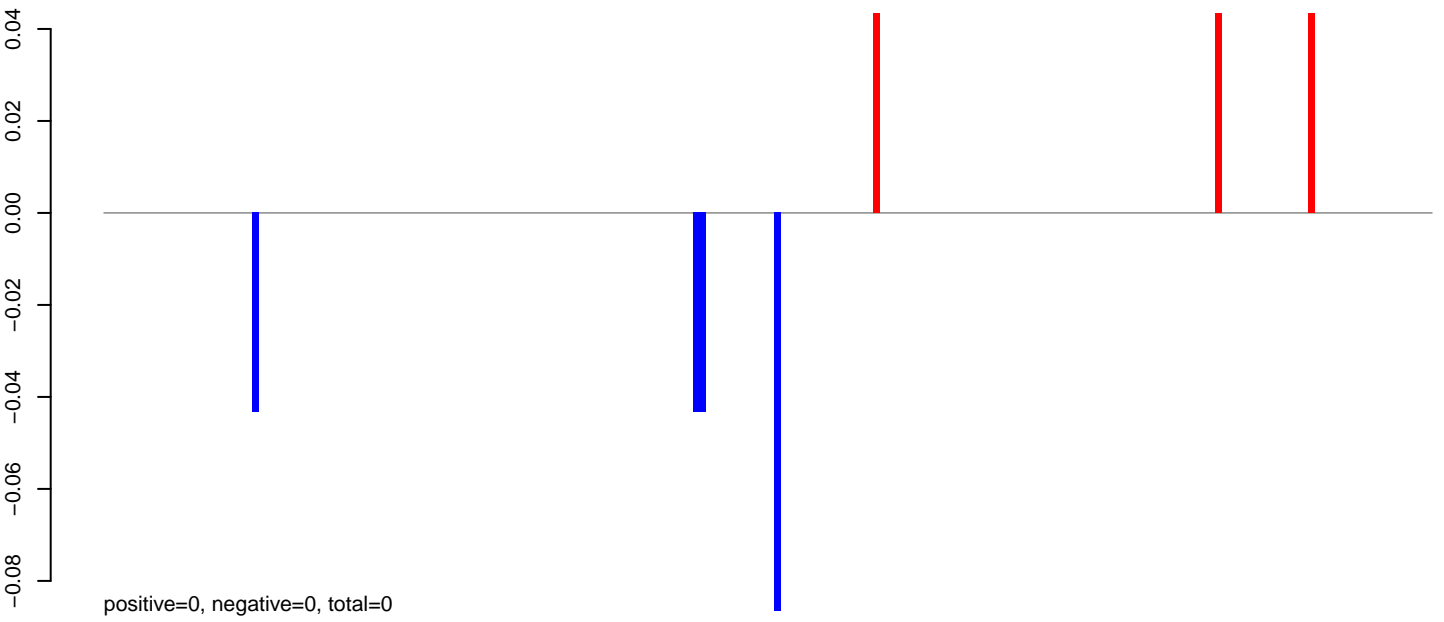
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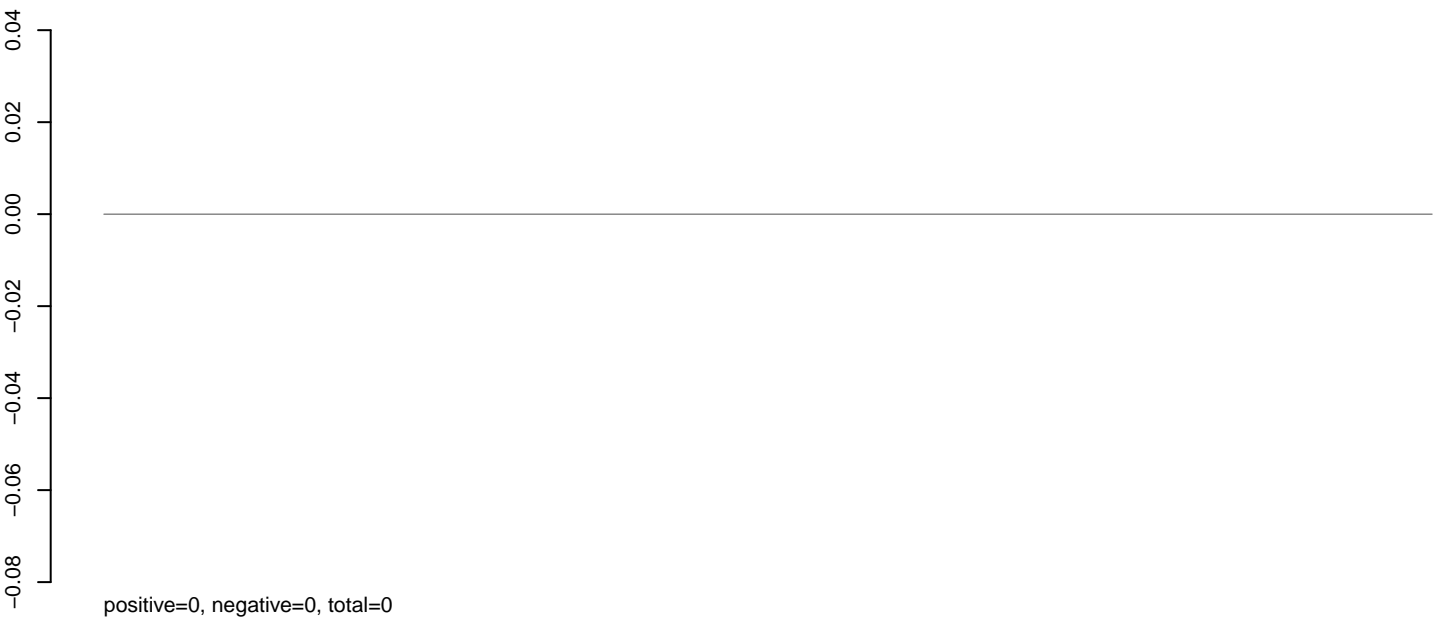
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0 2000 4000 6000 8000 10000

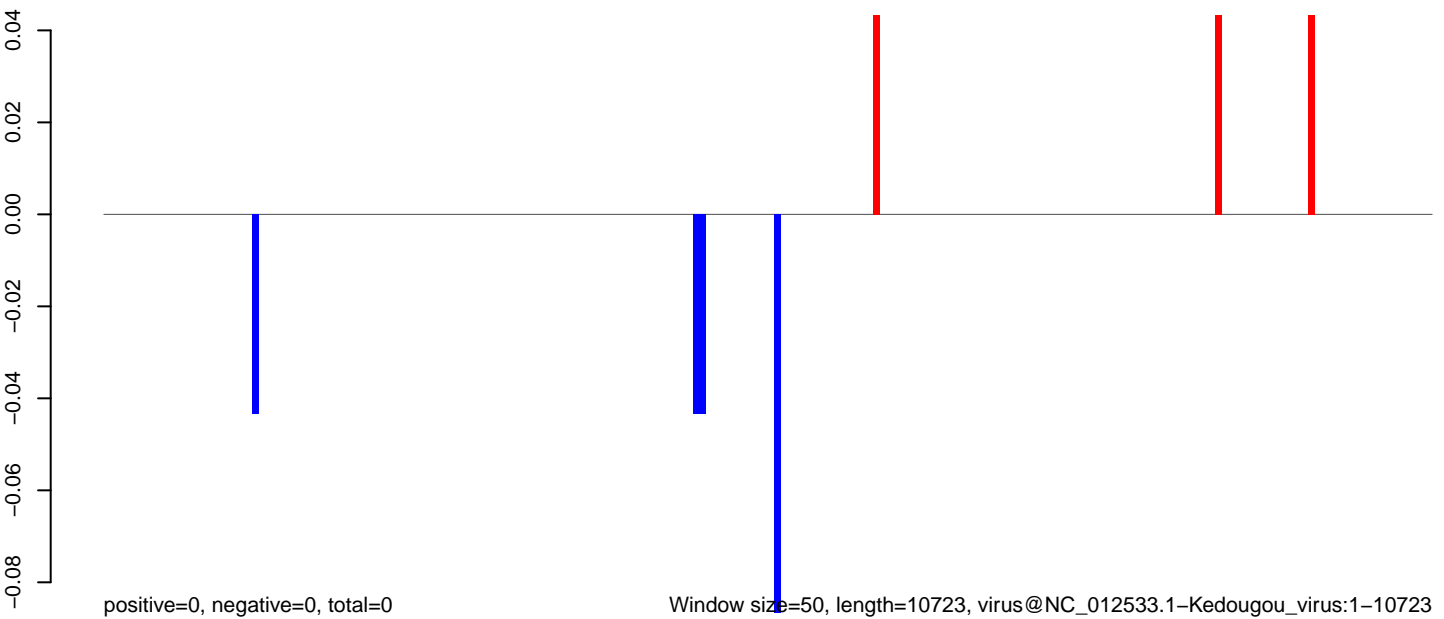
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



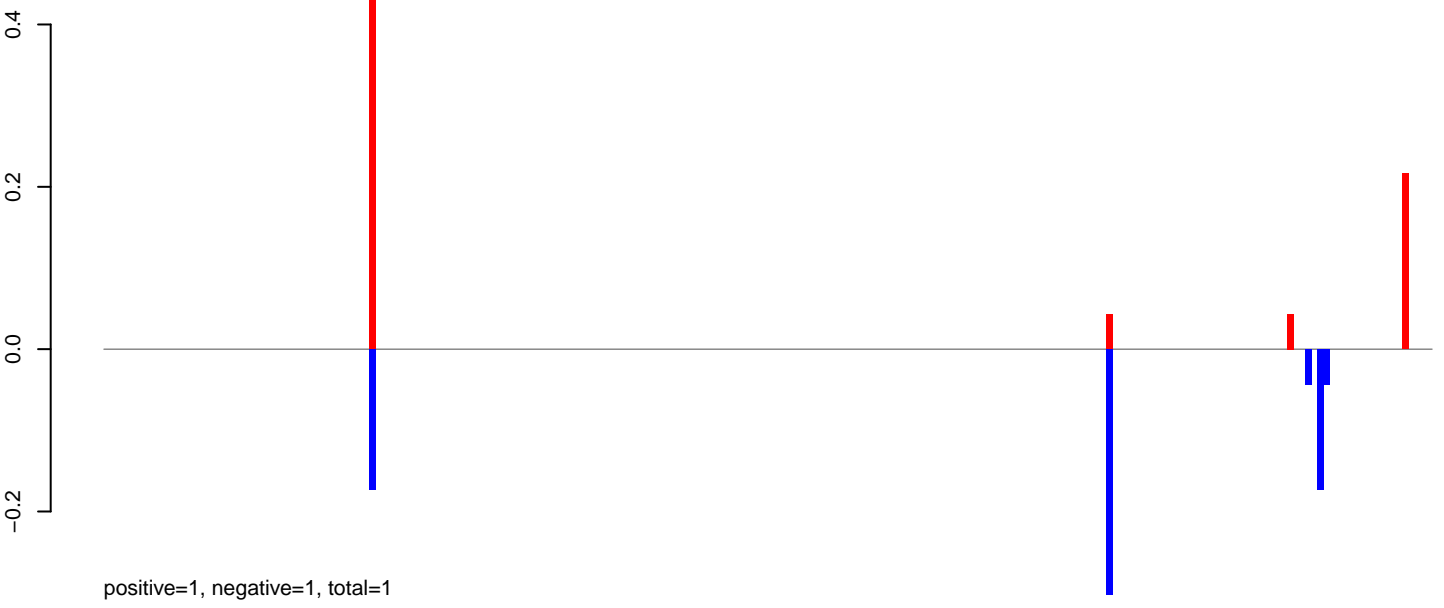
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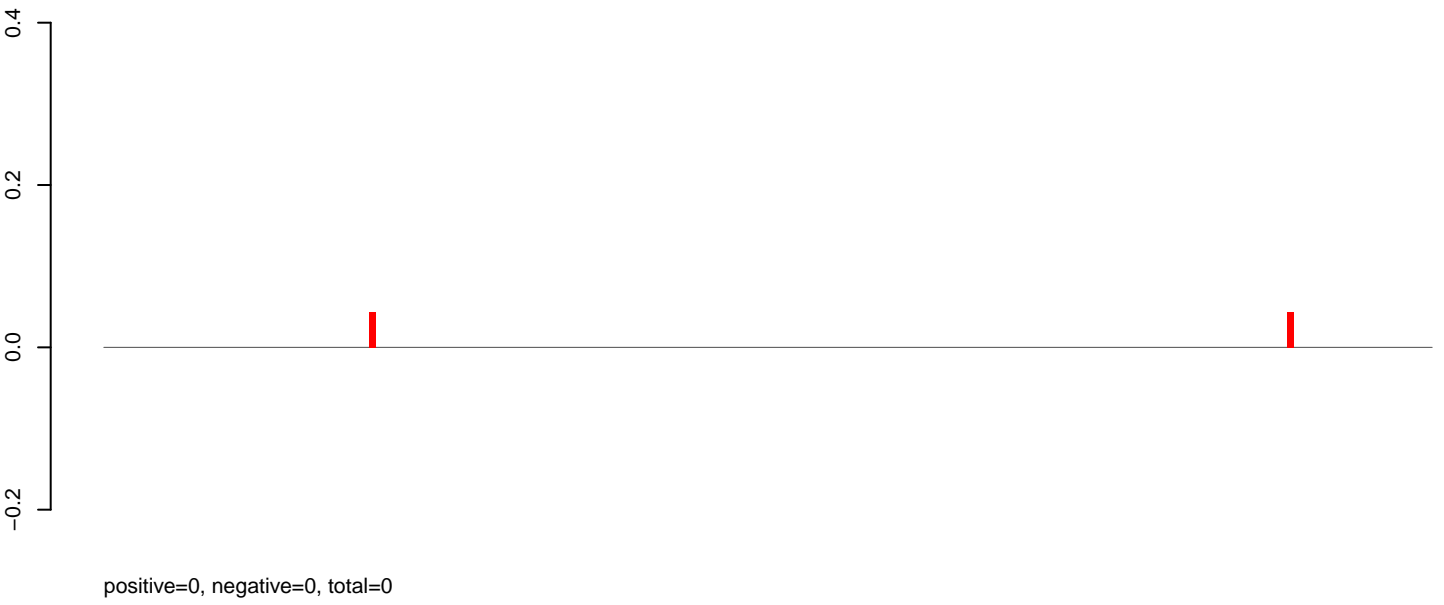
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0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



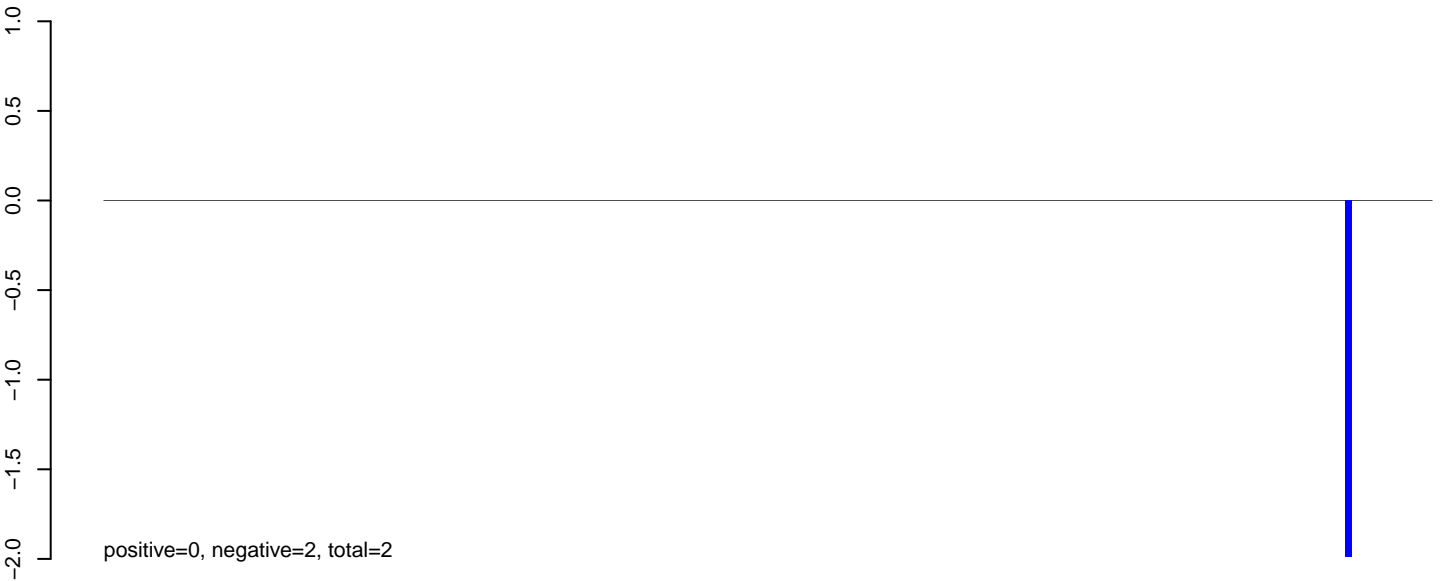
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



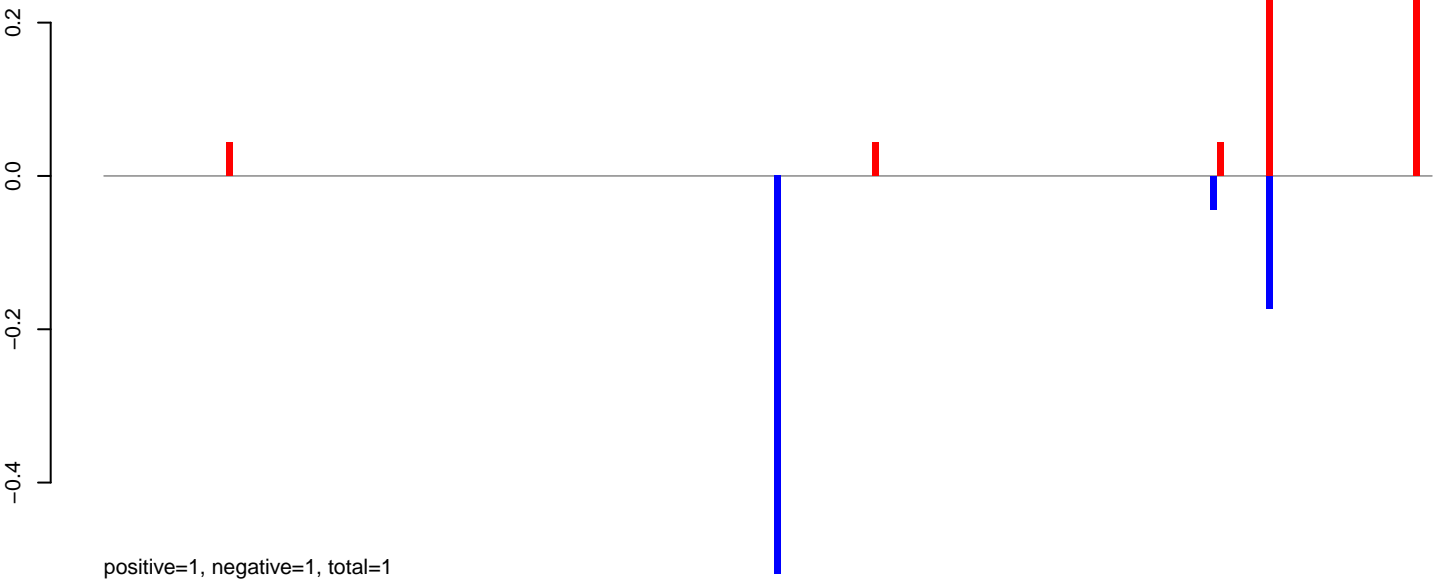
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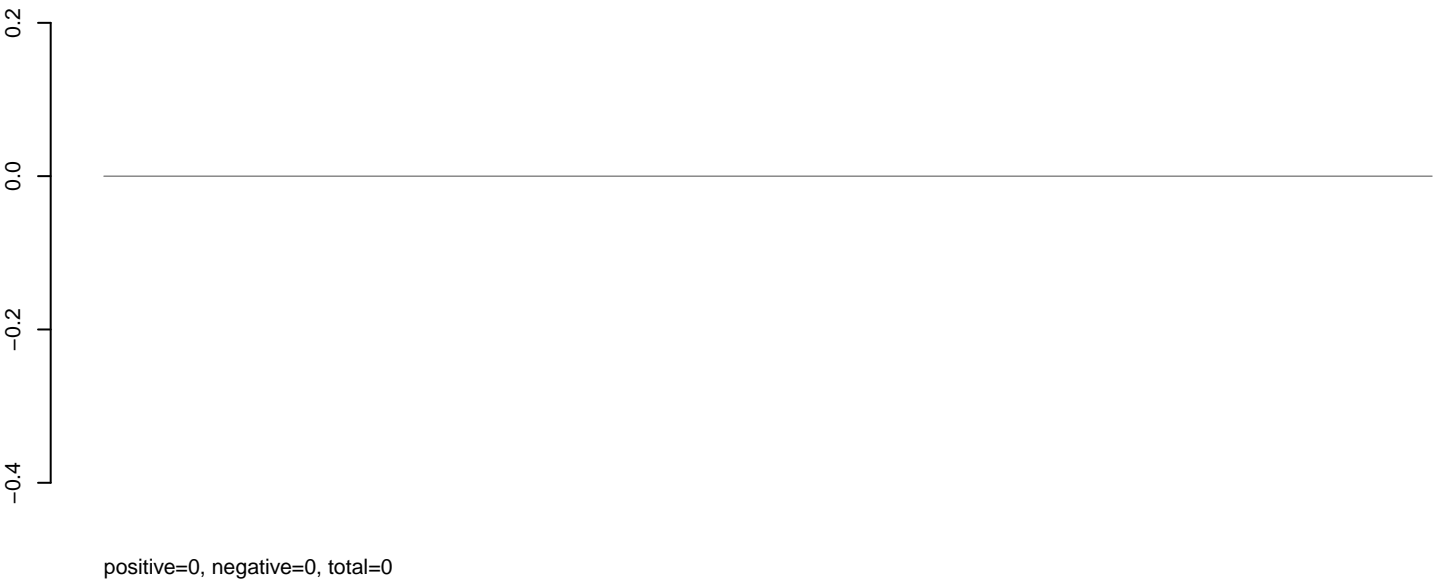
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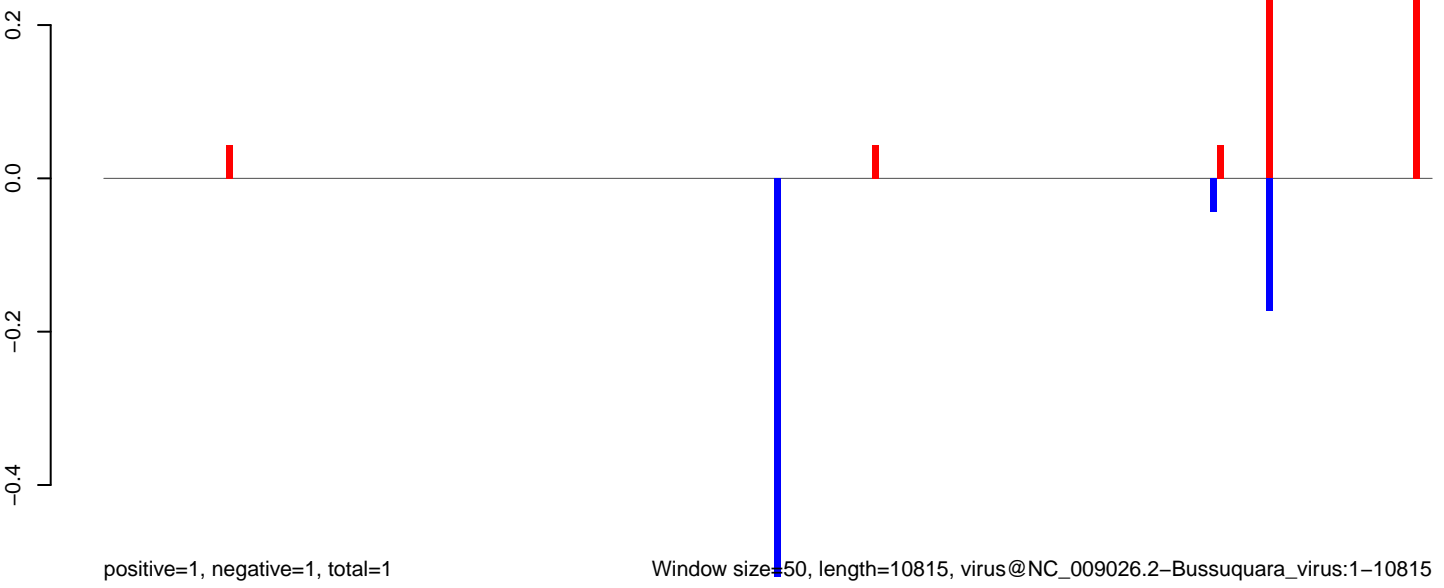
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



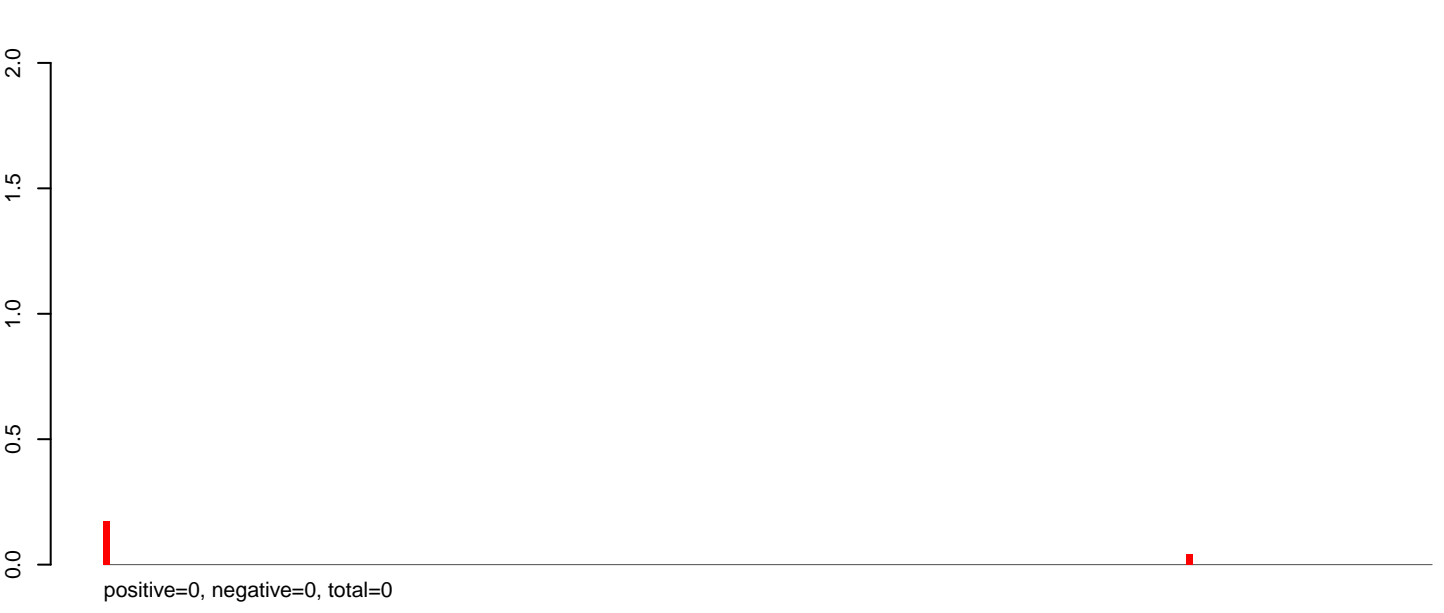
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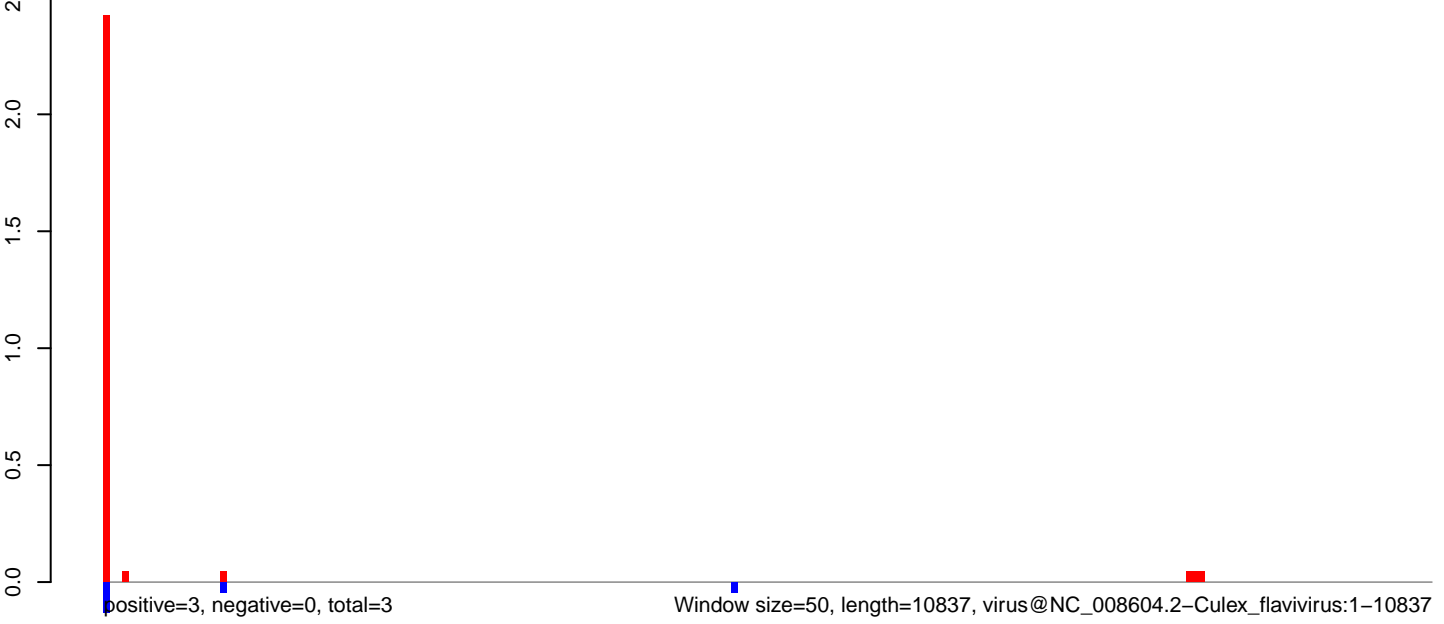
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

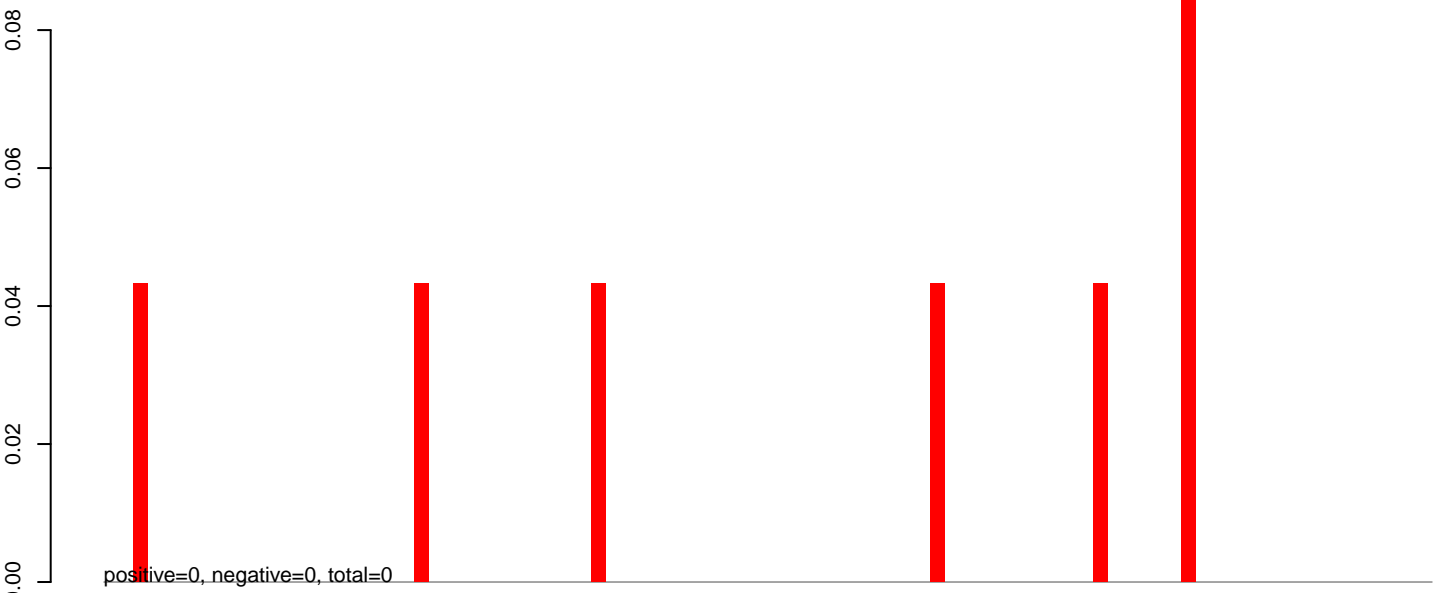


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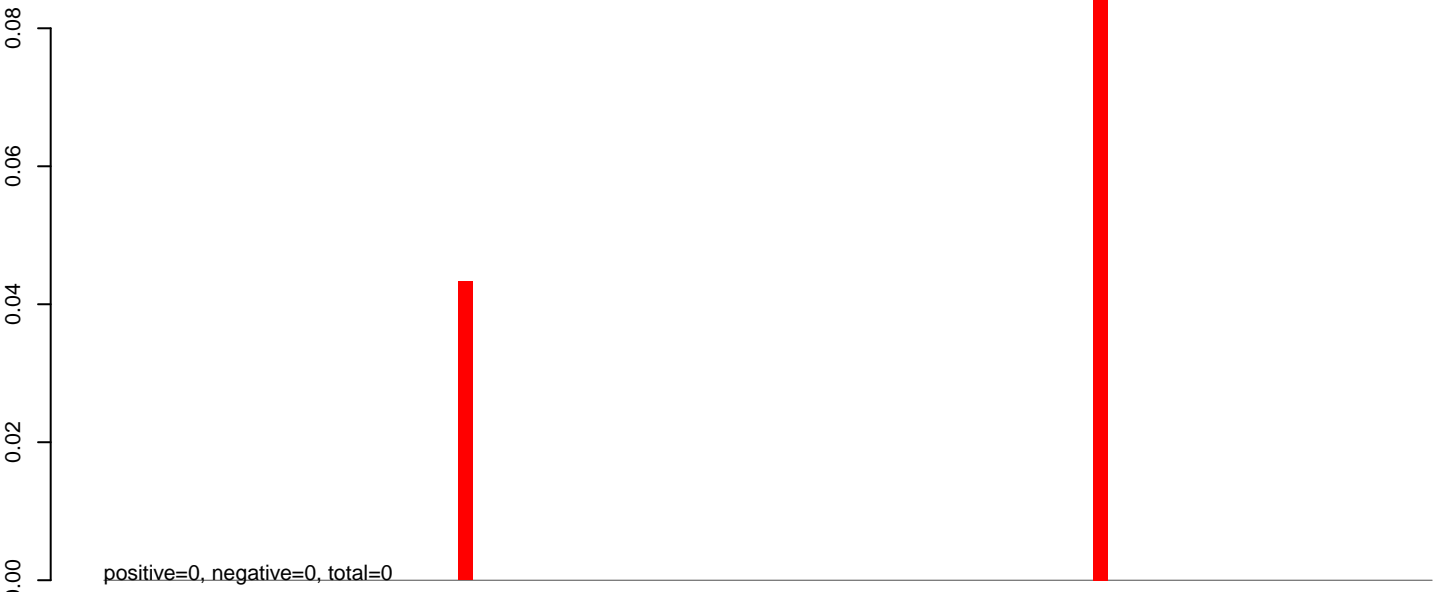


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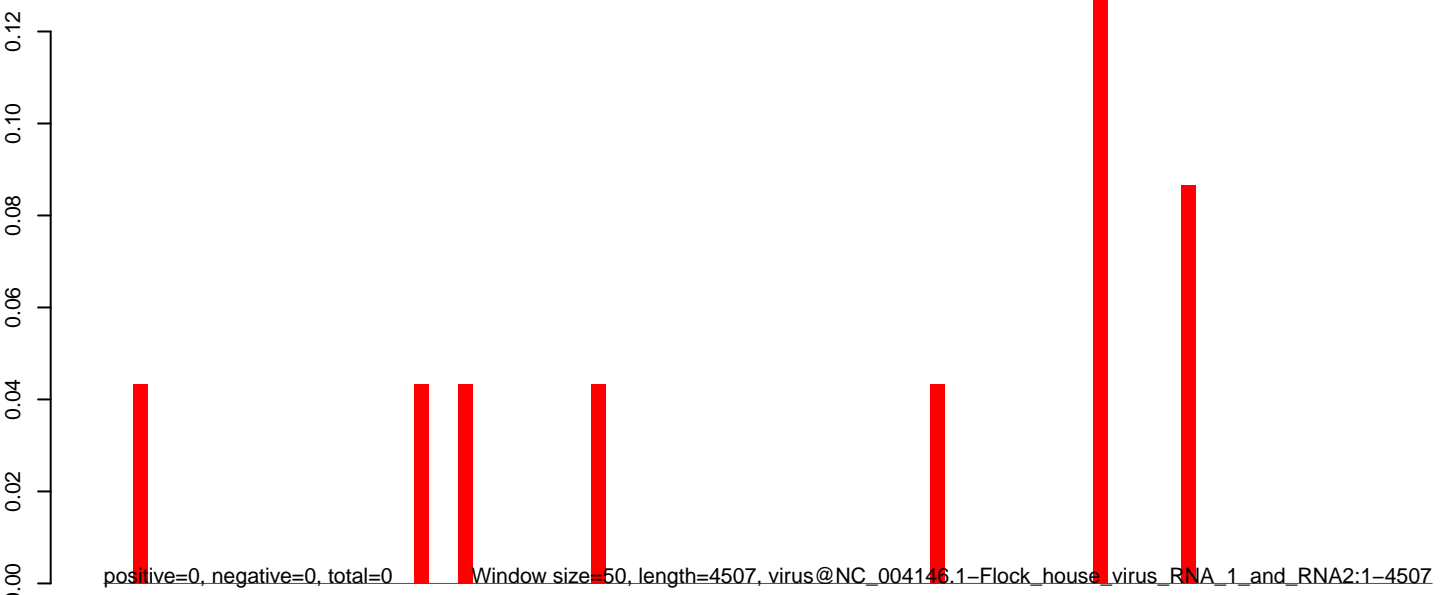
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AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep

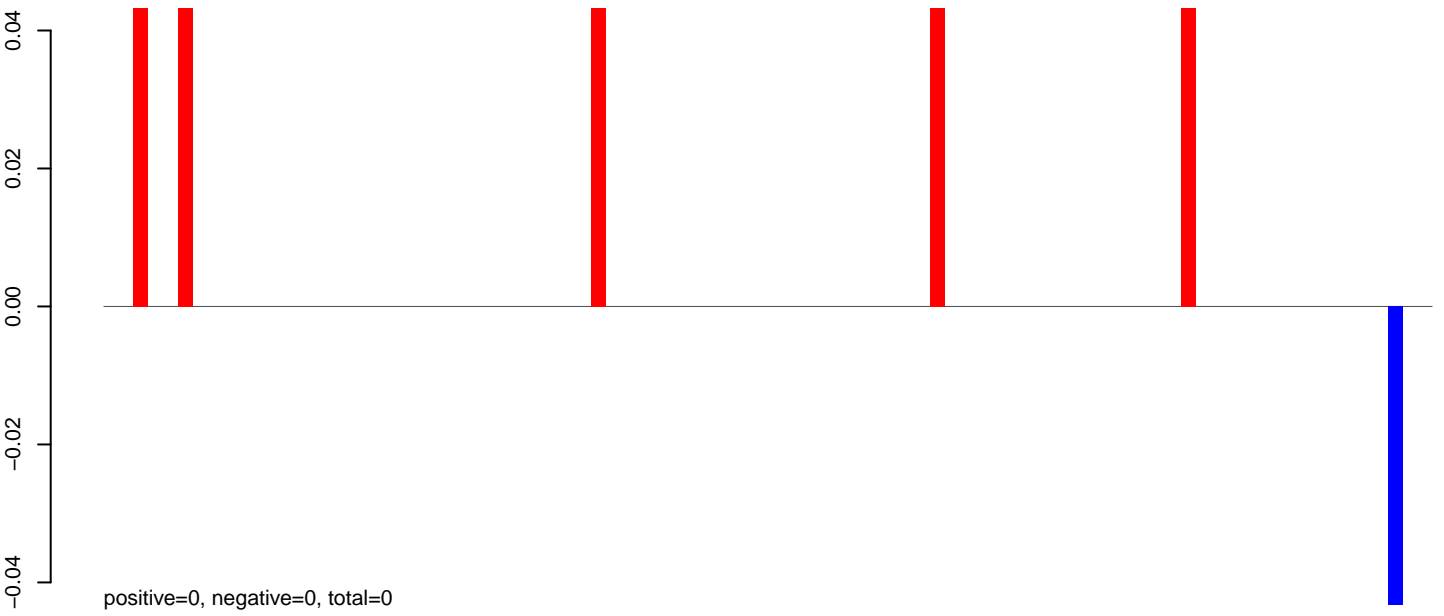


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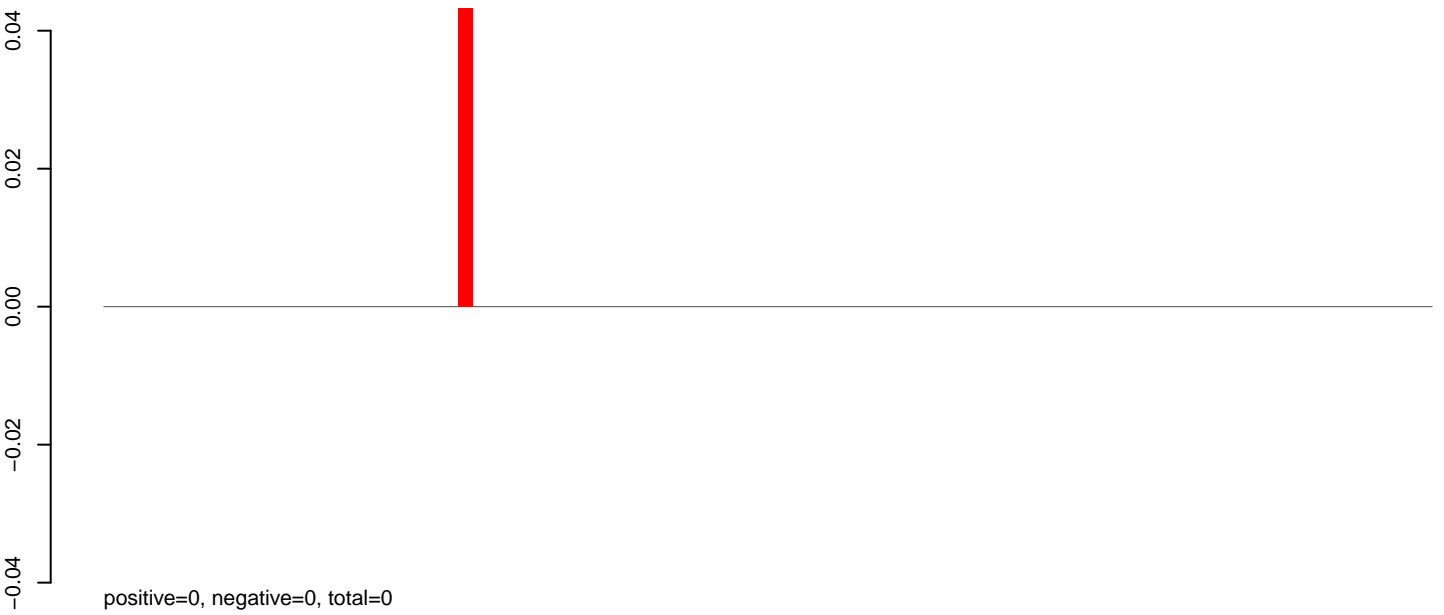


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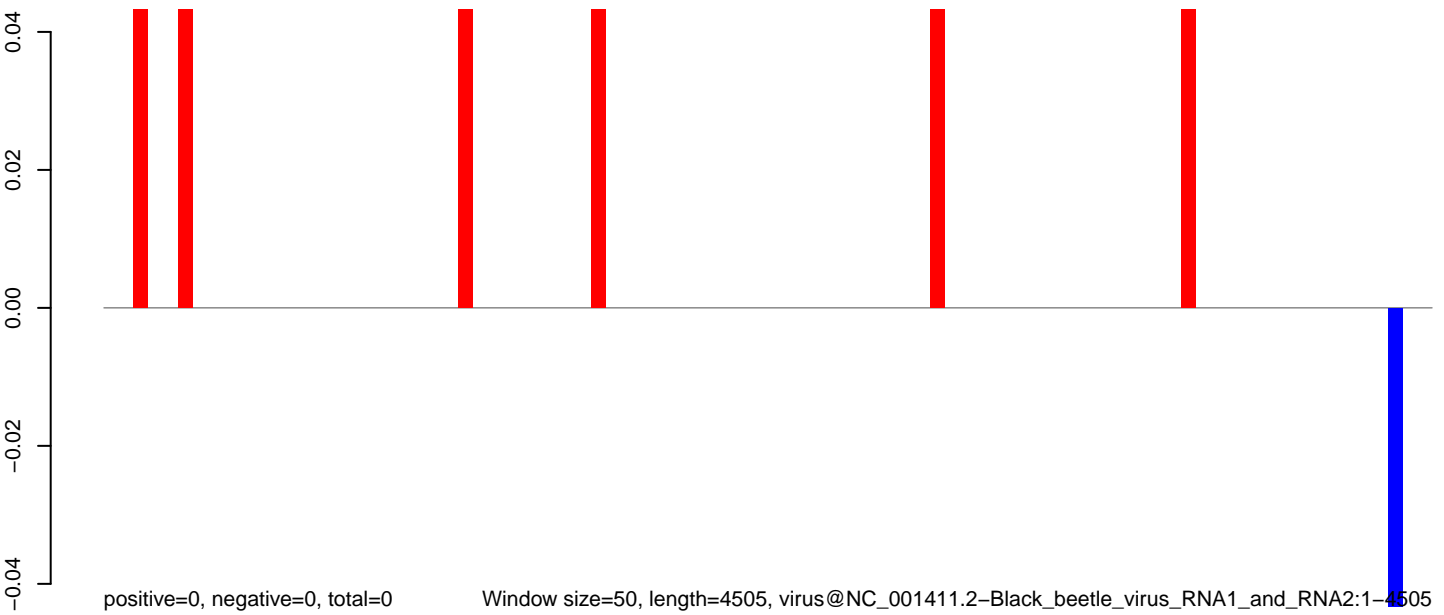
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



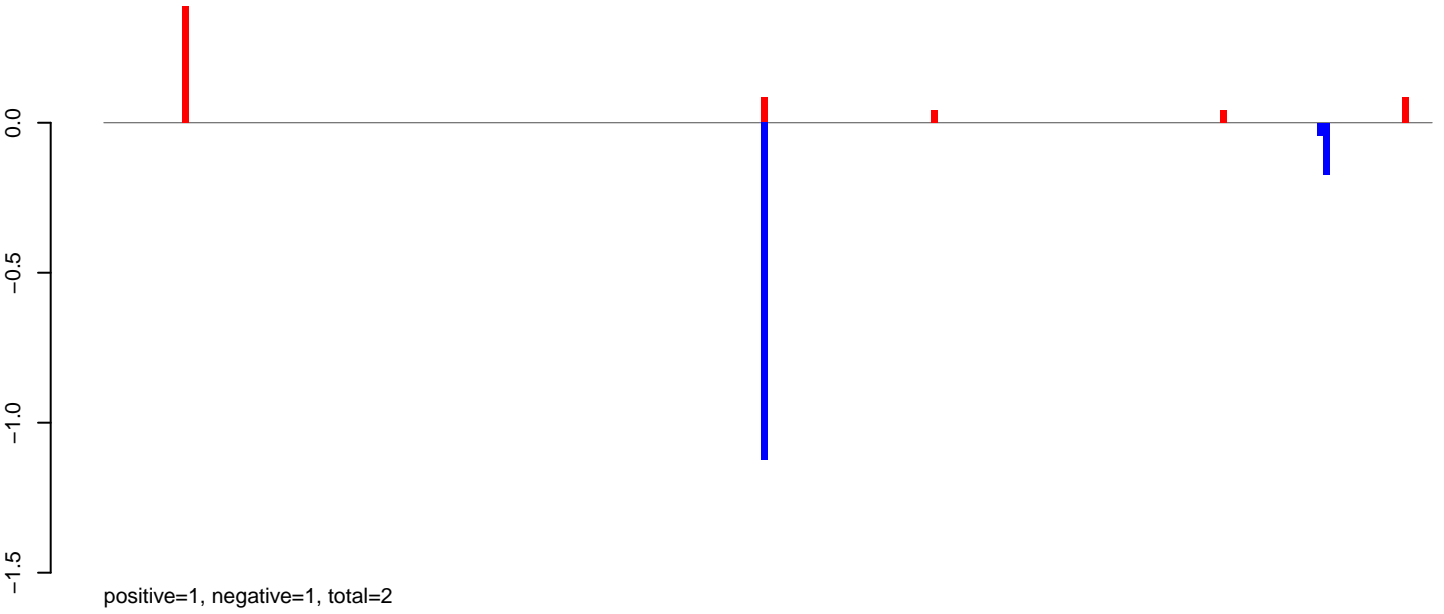
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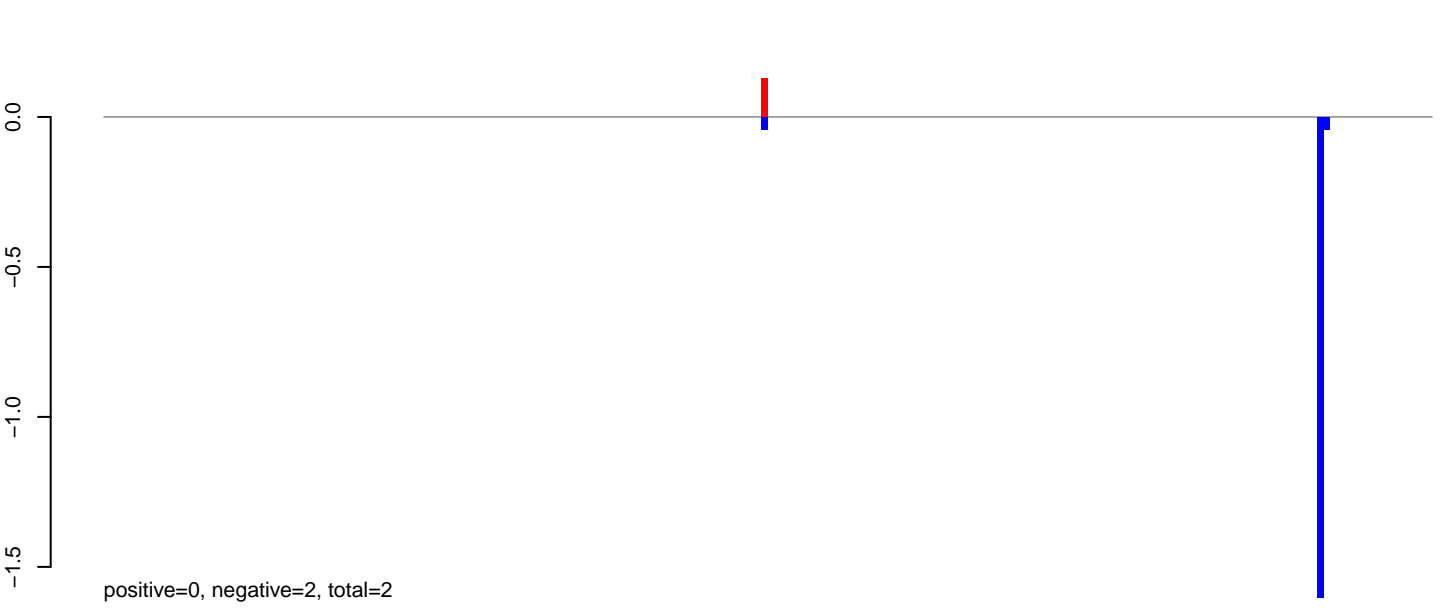
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0 1000 2000 3000 4000

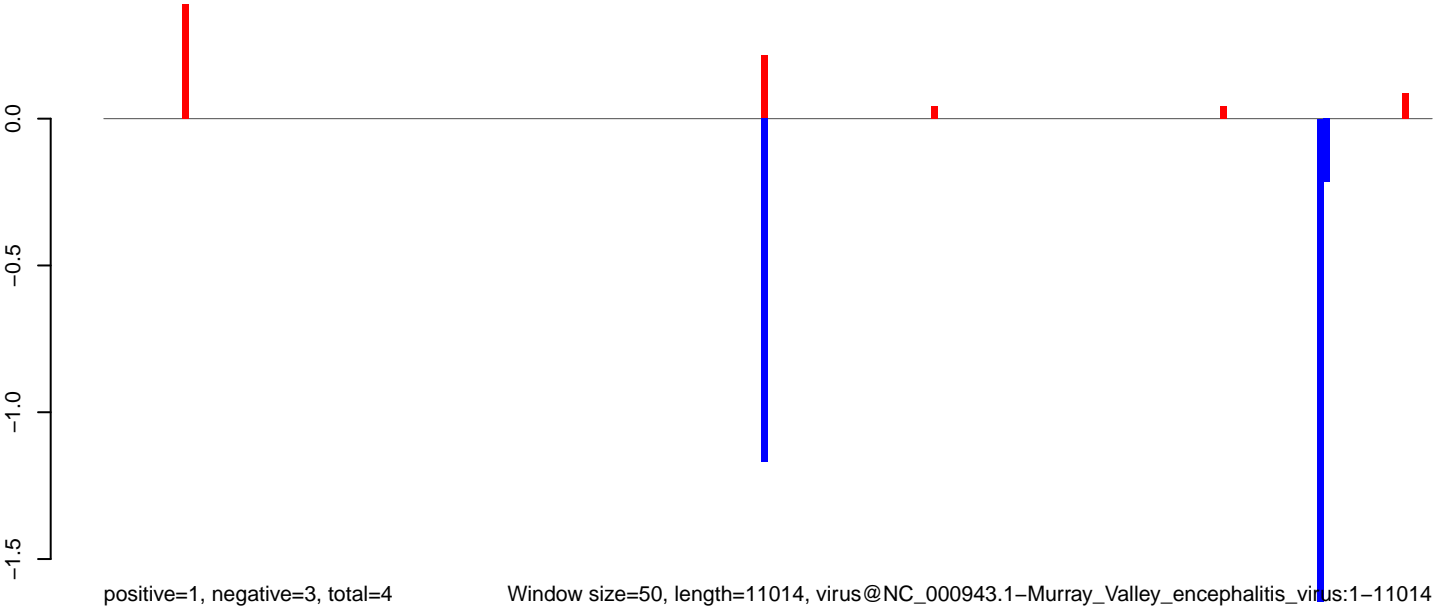
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

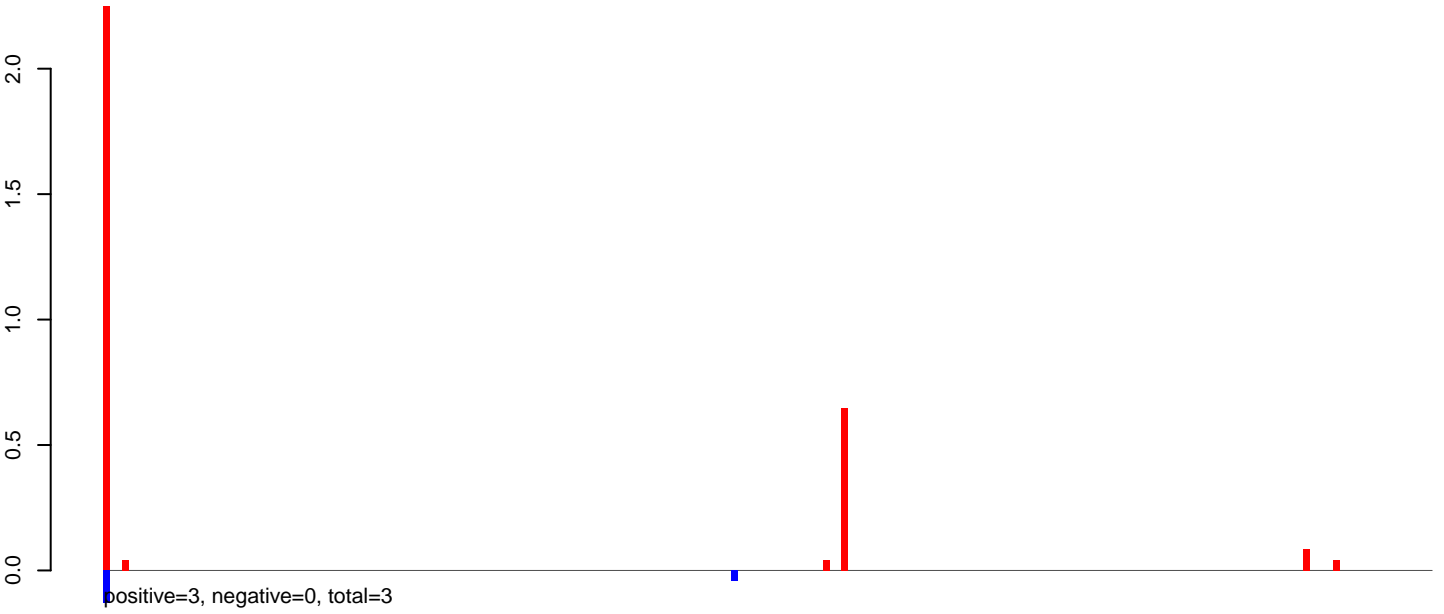


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

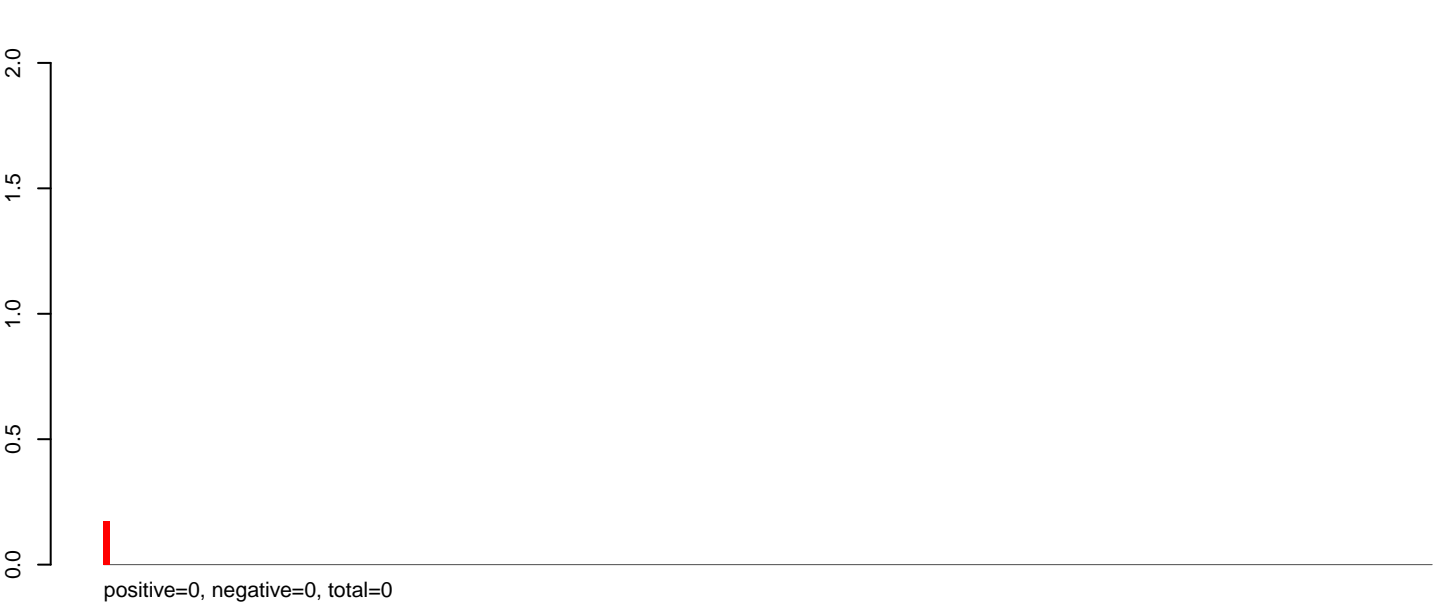


Window size=50, length=11014, virus@NC\_000943.1-Murray\_Valley\_encephalitis\_virus:1-11014

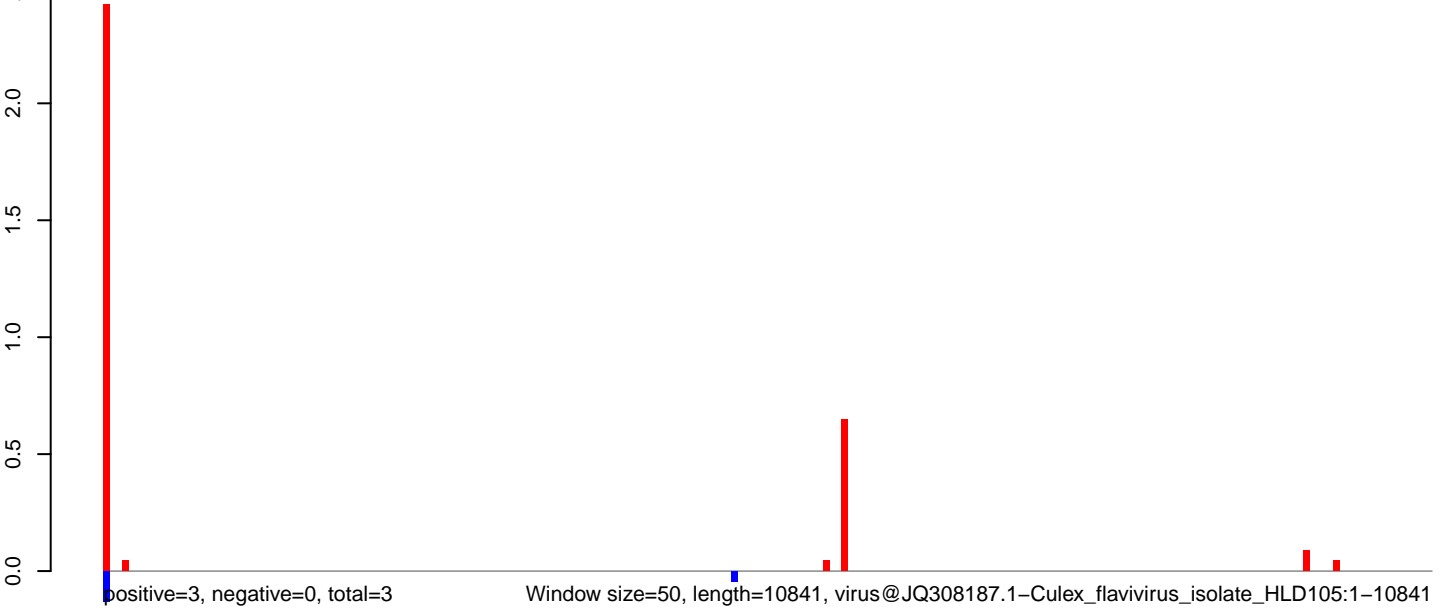
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AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep

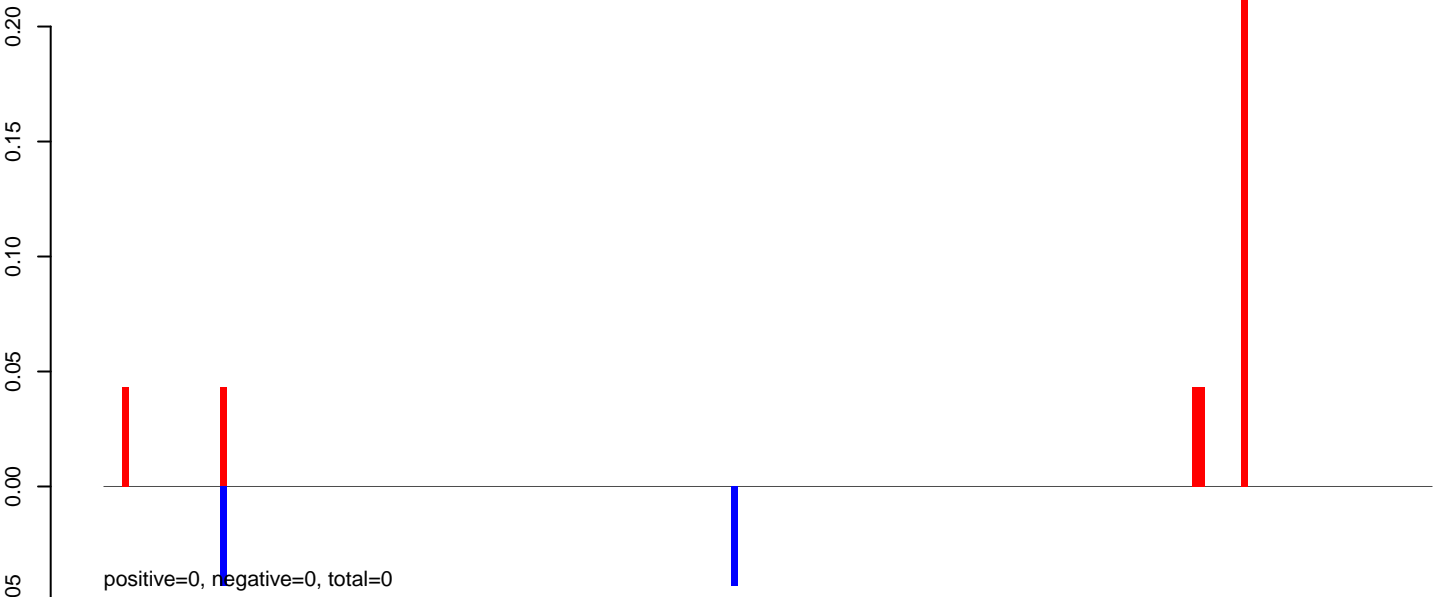


AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



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

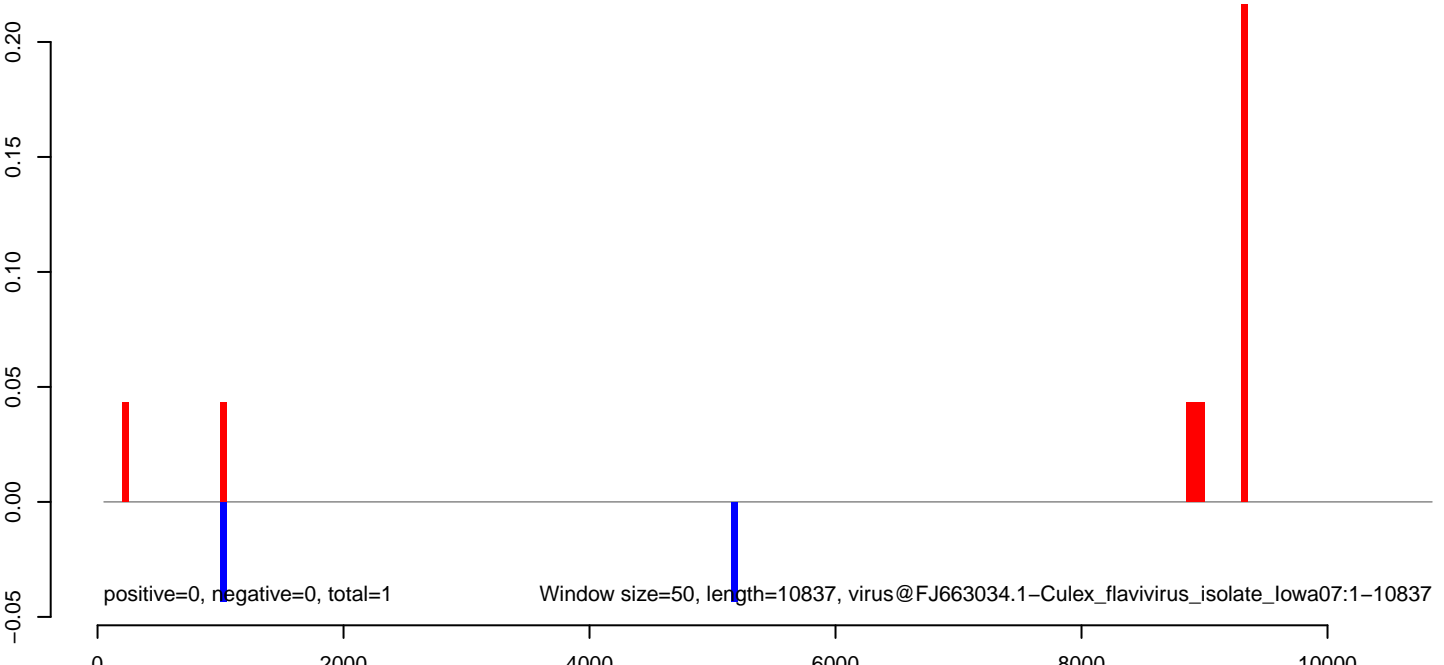
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



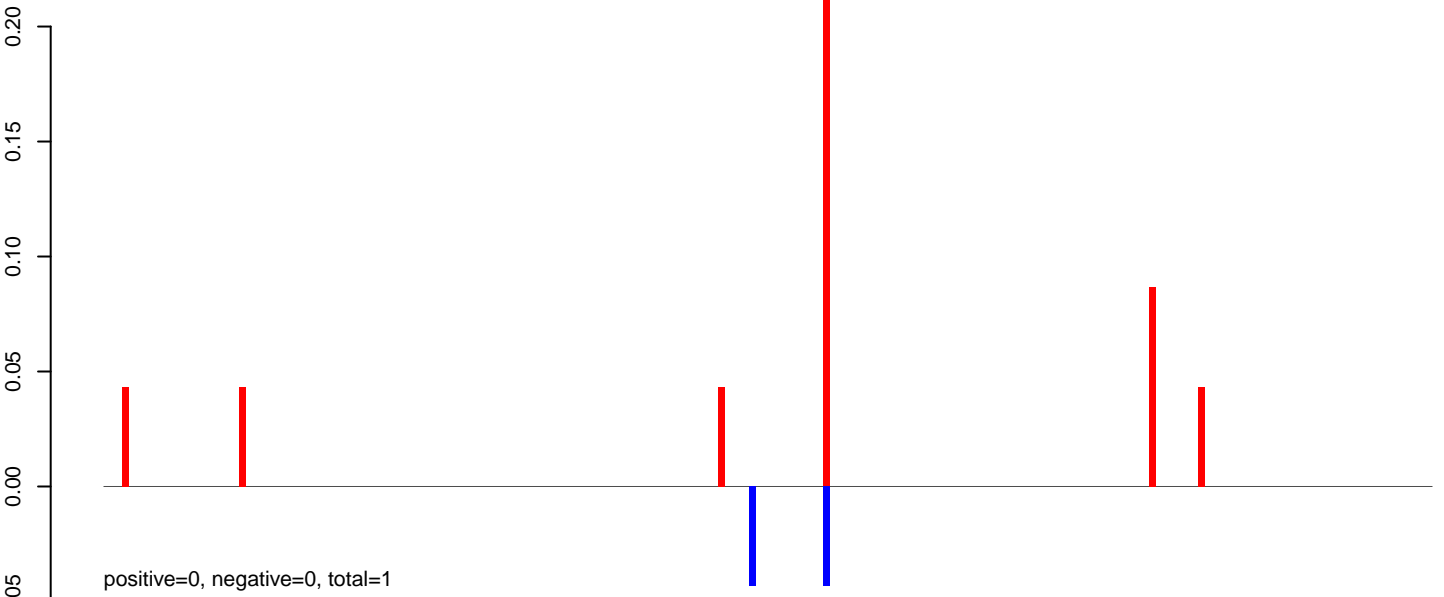
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



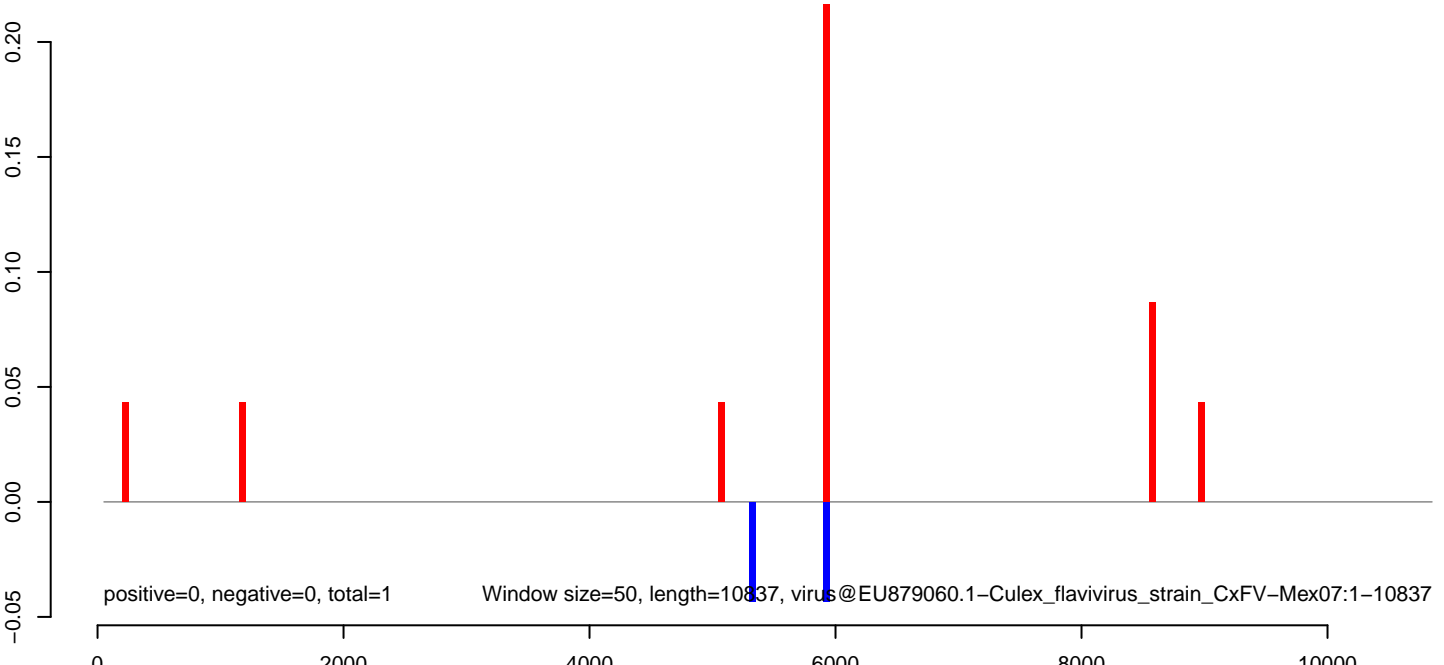
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

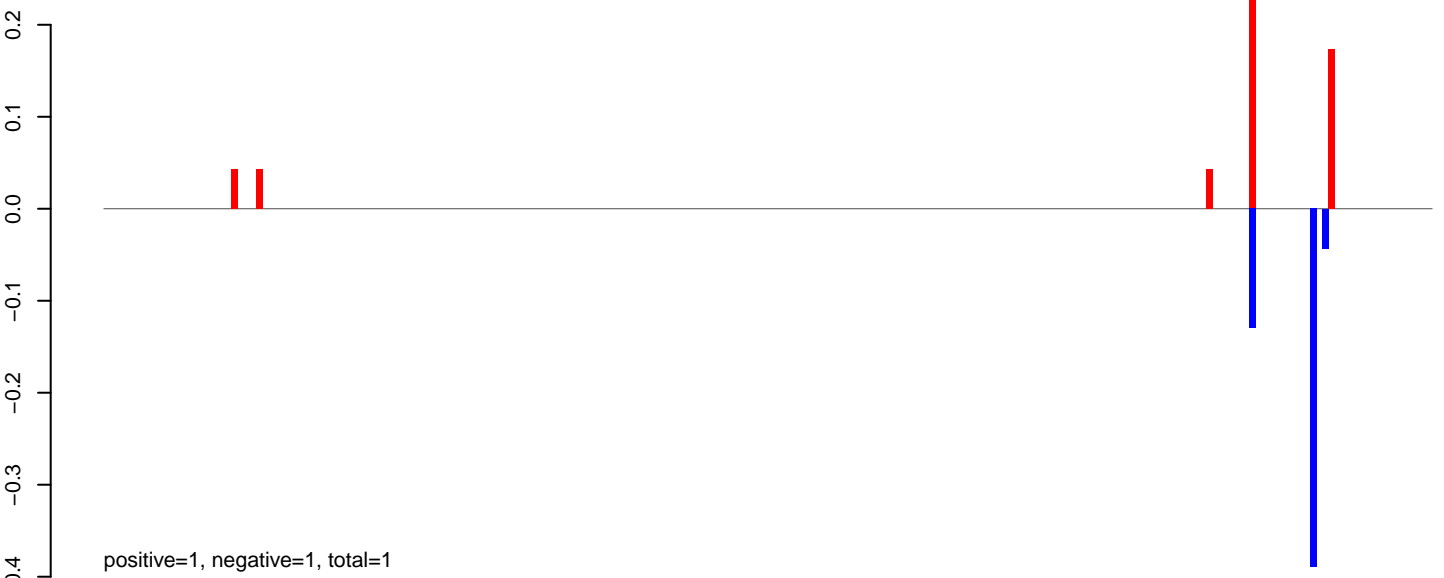


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

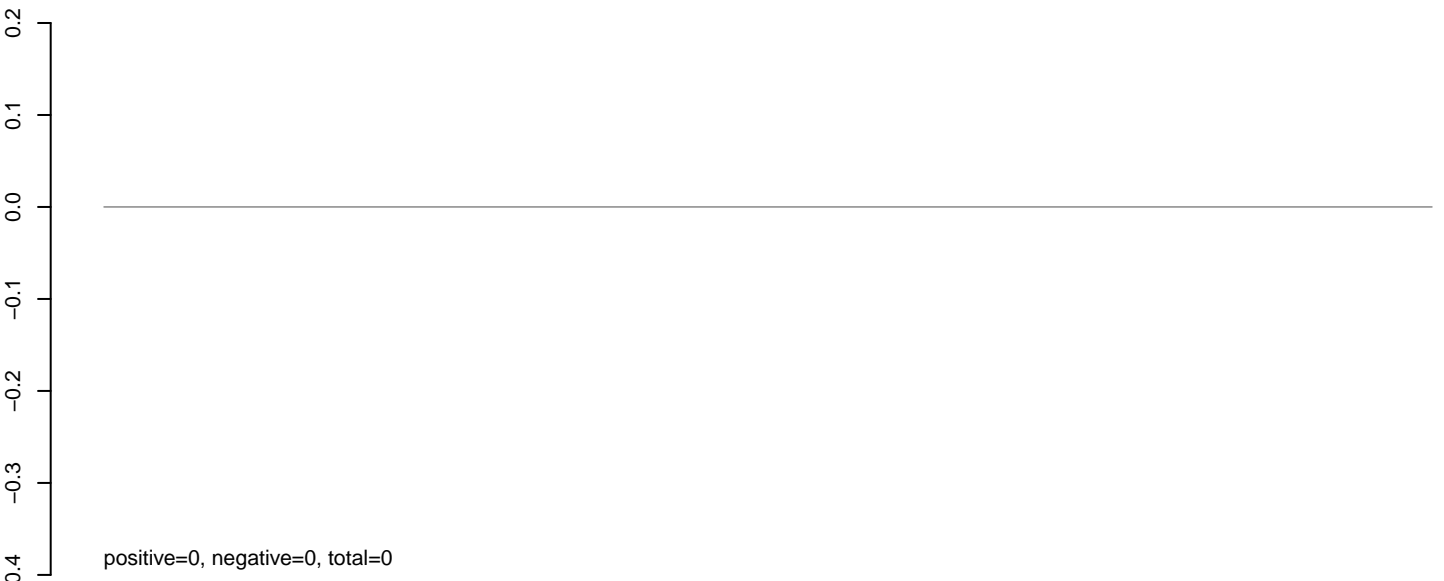




**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

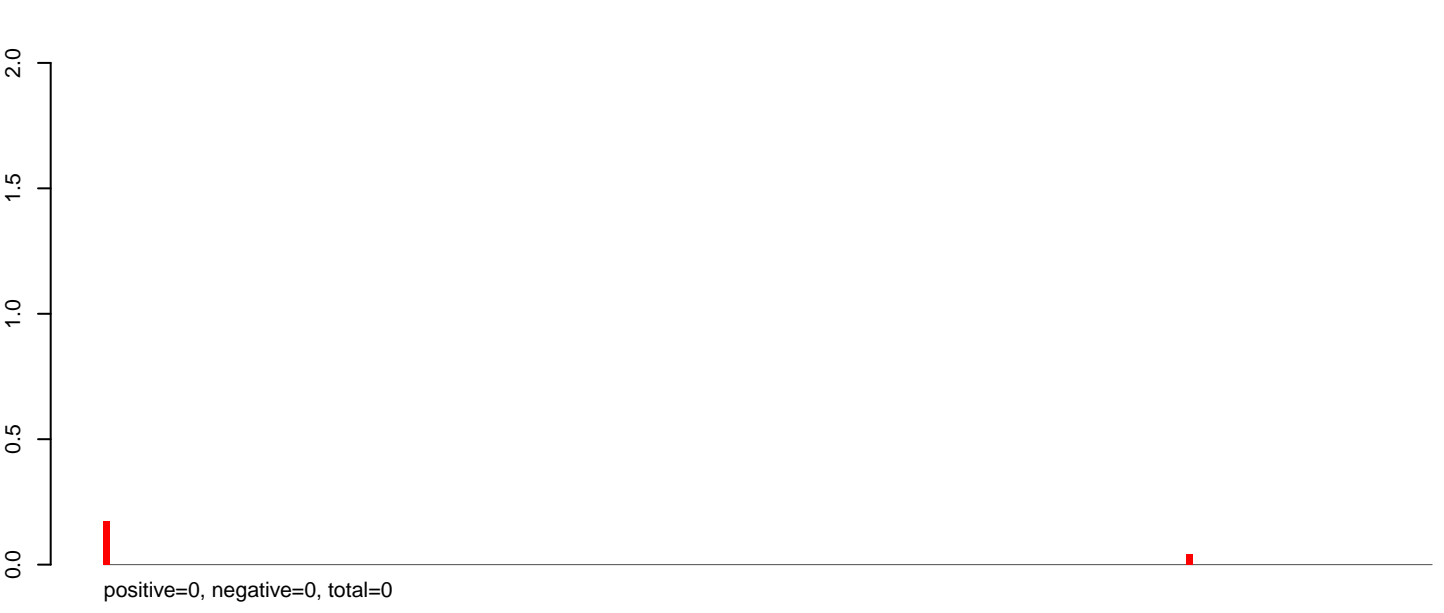


Window size=50, length=10922, virus@AY632538.4-Iguape\_virus\_strain\_SPAn\_71686:1-10922

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



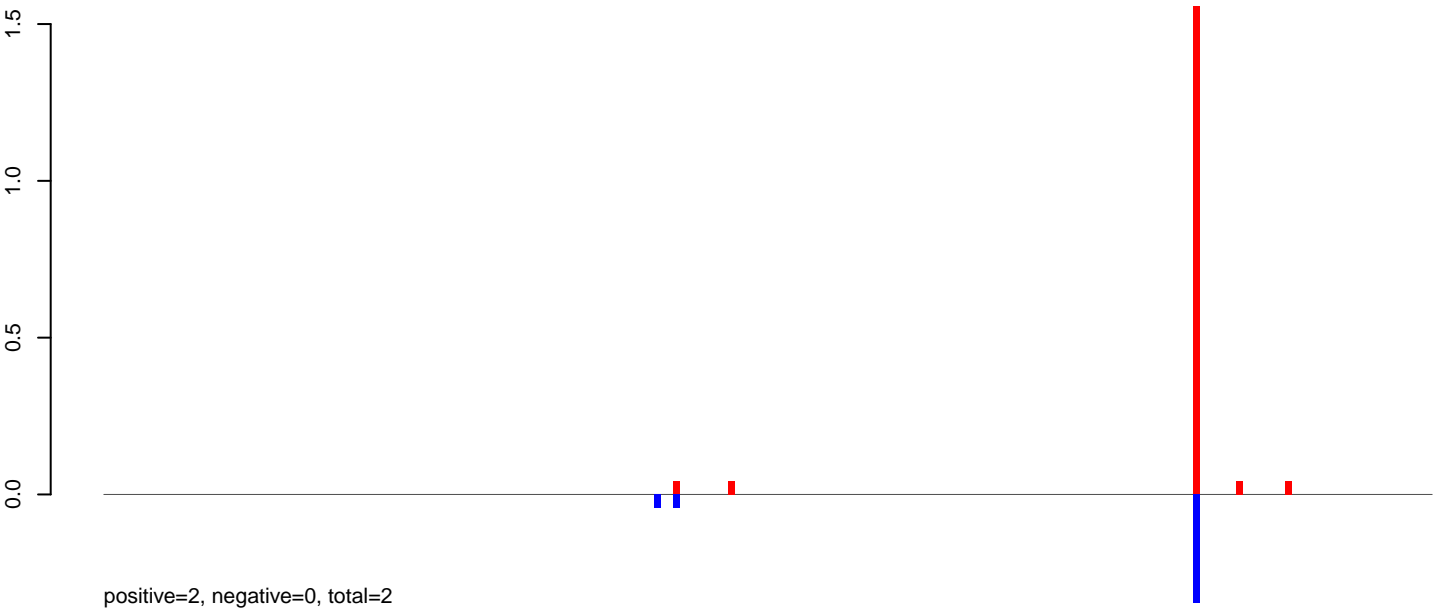
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



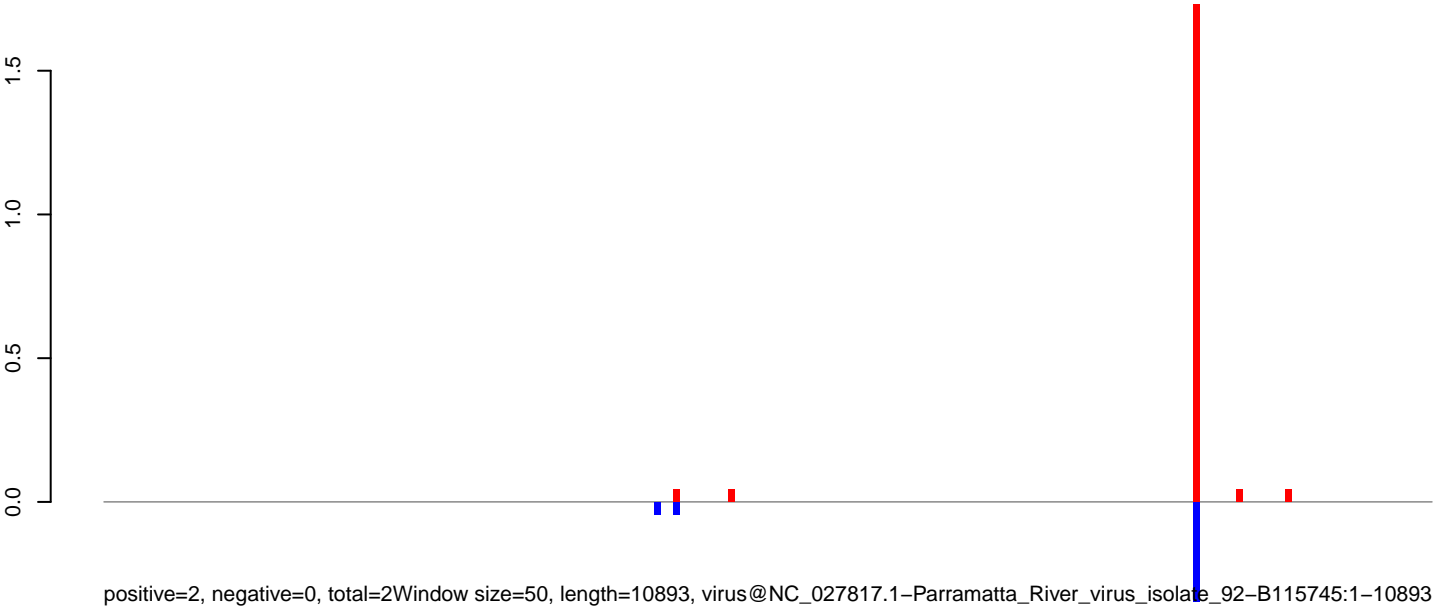
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



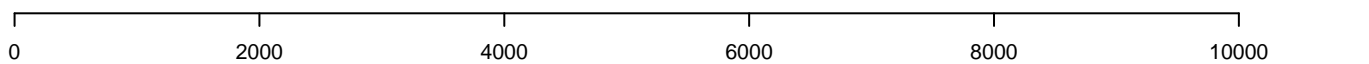
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



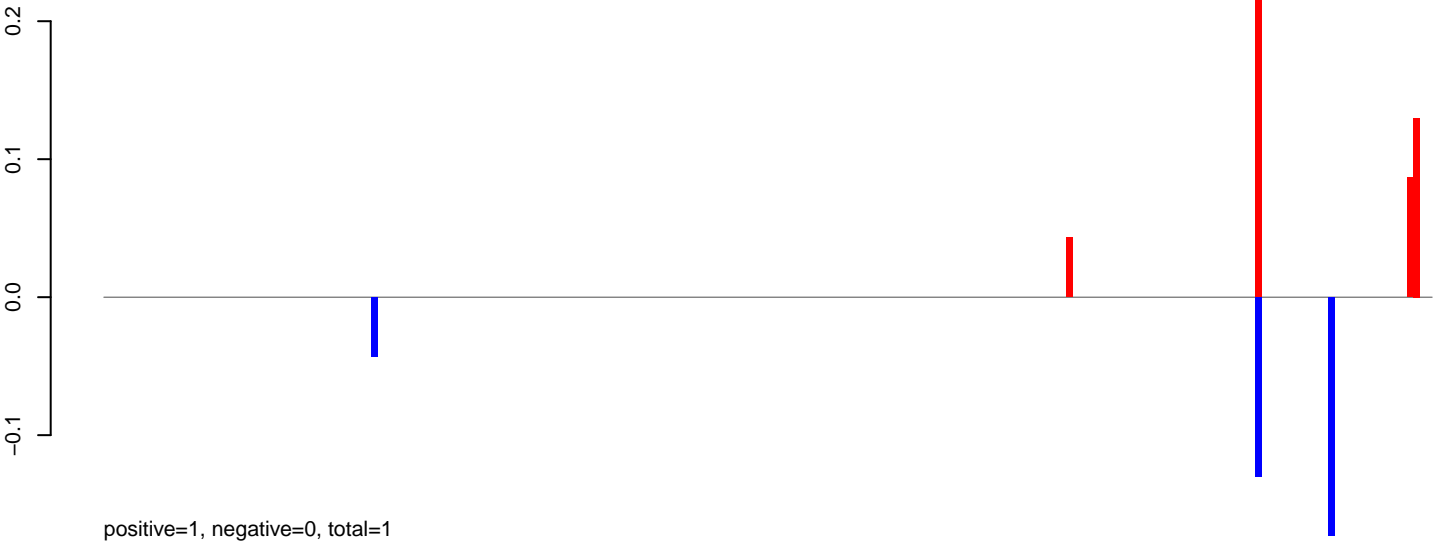
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



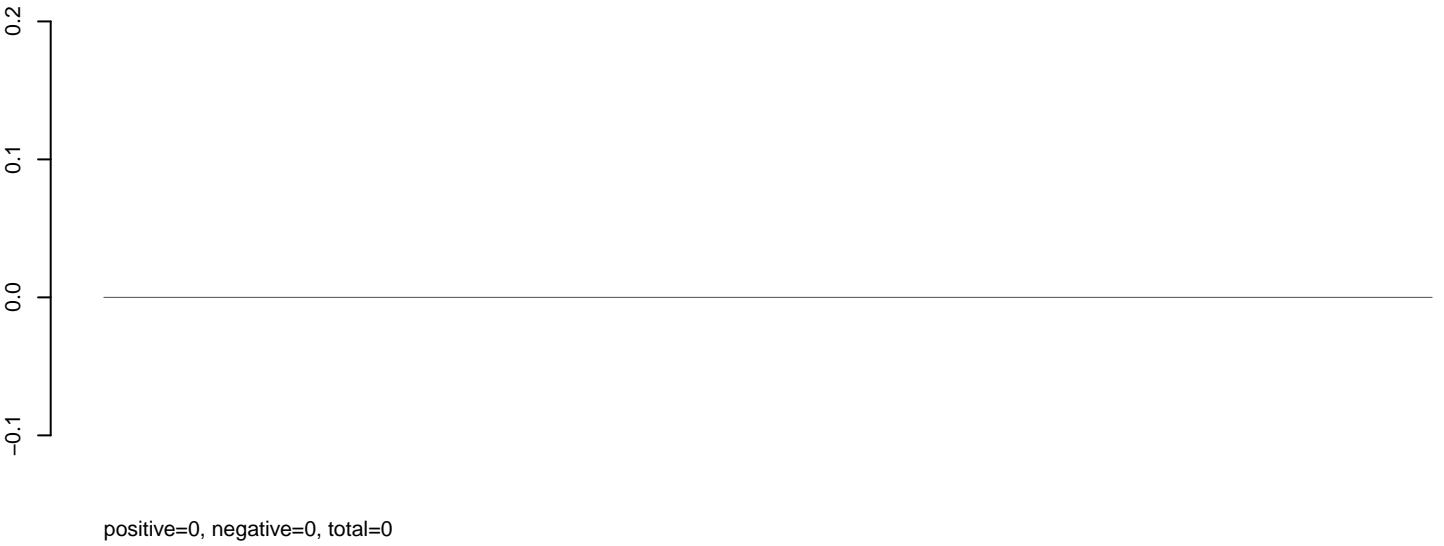
Window size=50, length=10893, virus@NC\_027817.1-Parramatta\_River\_virus\_isolate\_92-B115745:1-10893



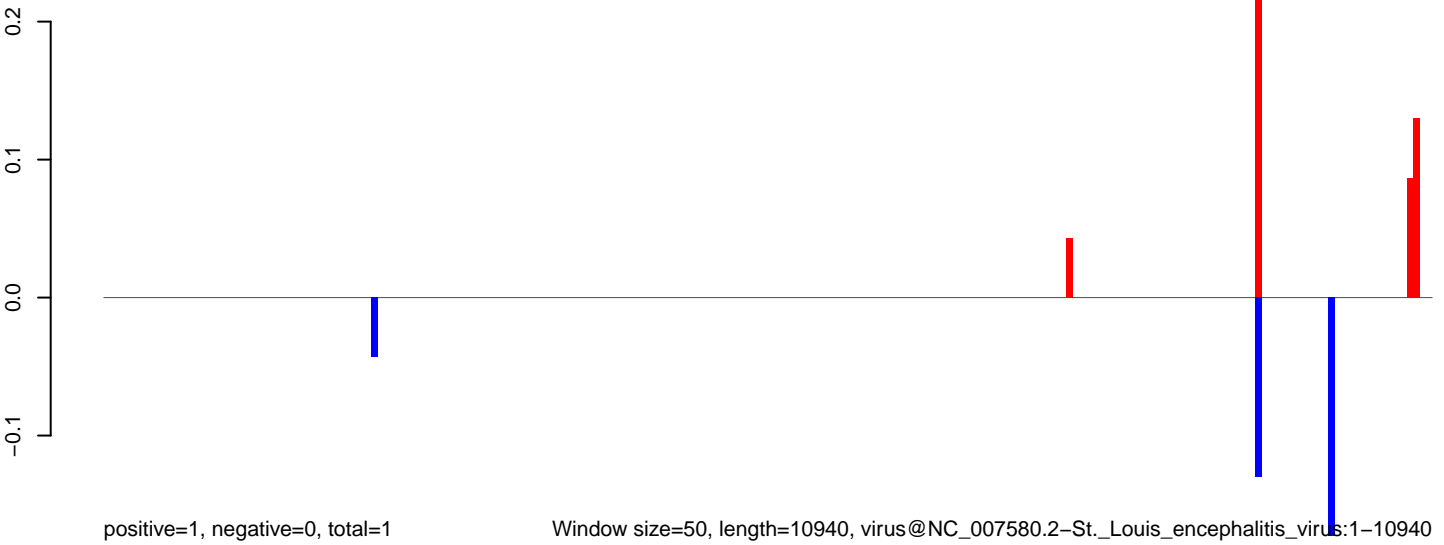
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



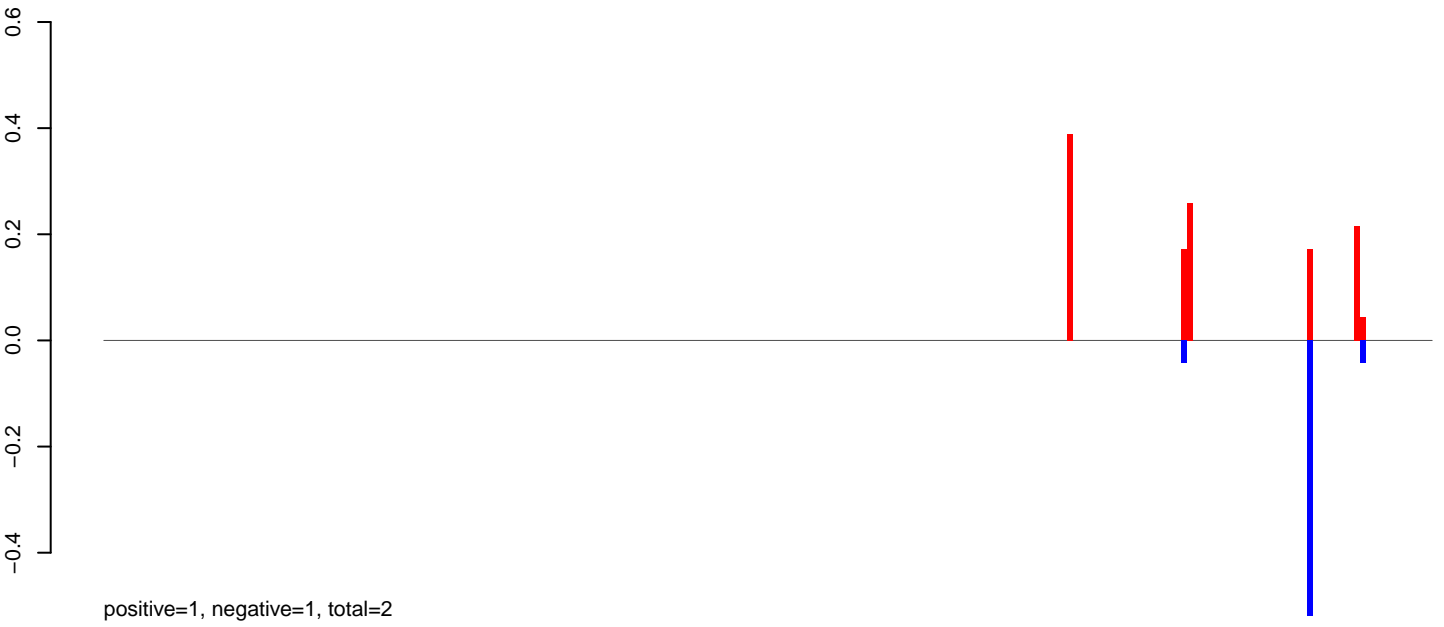
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



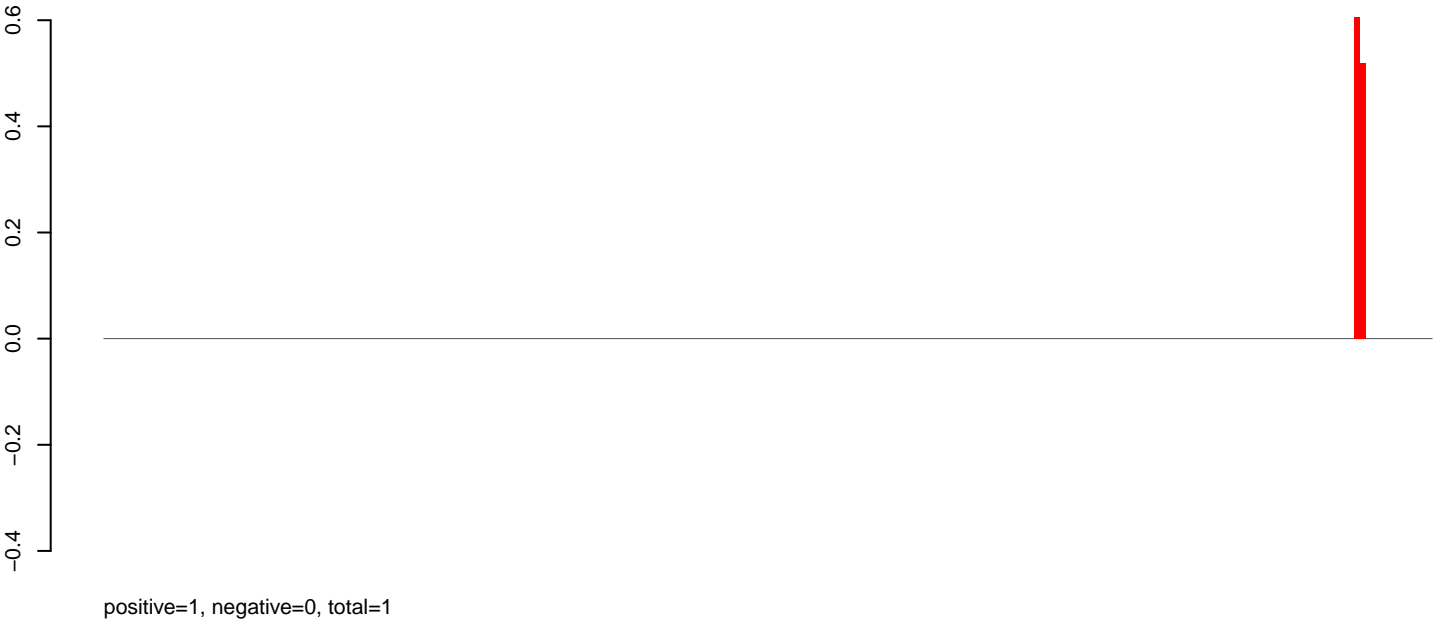
Window size=50, length=10940, virus@NC\_007580.2-St.\_Louis\_encephalitis\_virus:1-10940

0 2000 4000 6000 8000 10000

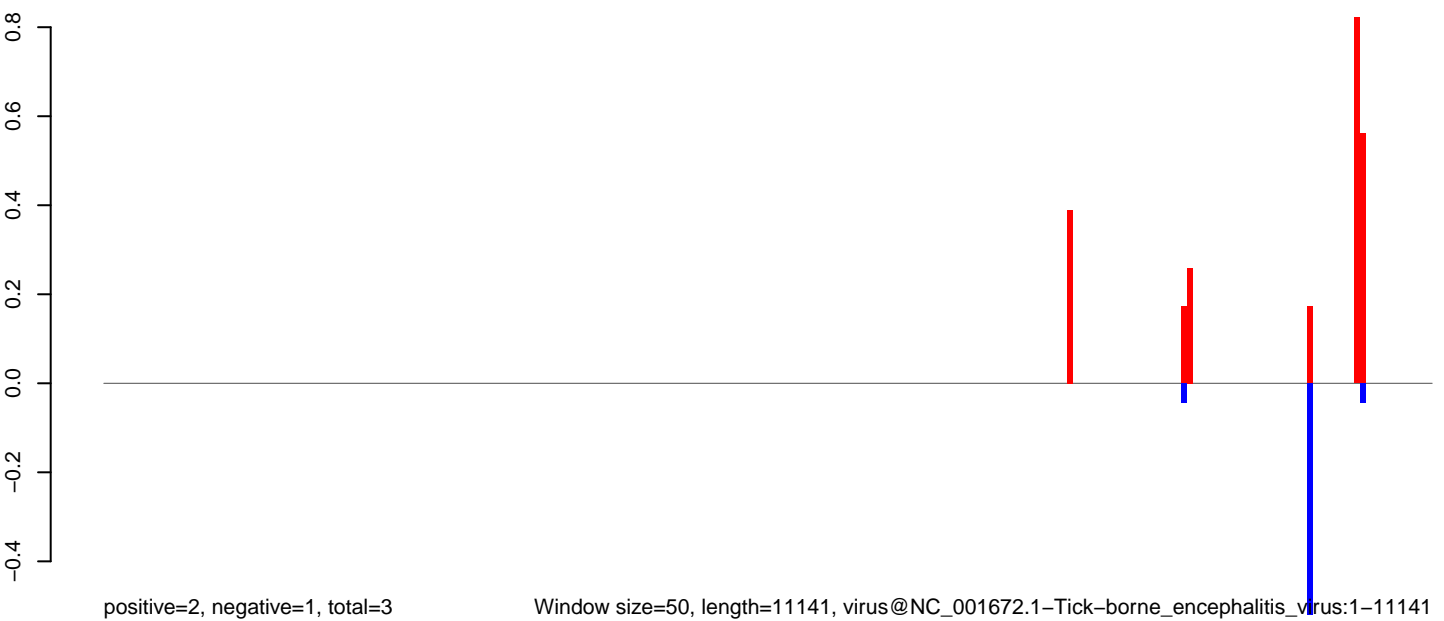
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



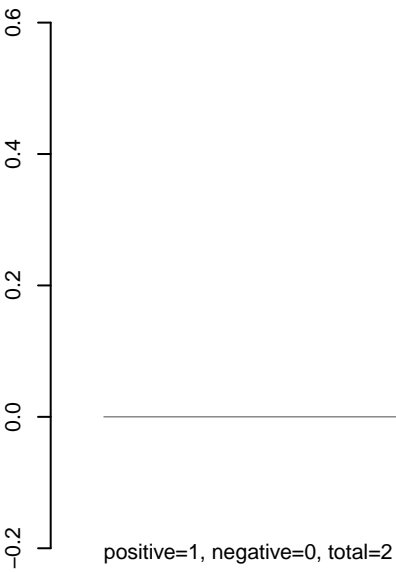
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



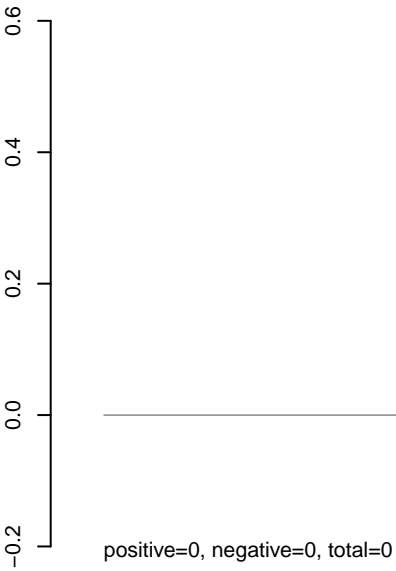
Window size=50, length=11141, virus@NC\_001672.1-Tick-borne-encephalitis\_virus:1-11141

0 2000 4000 6000 8000 10000

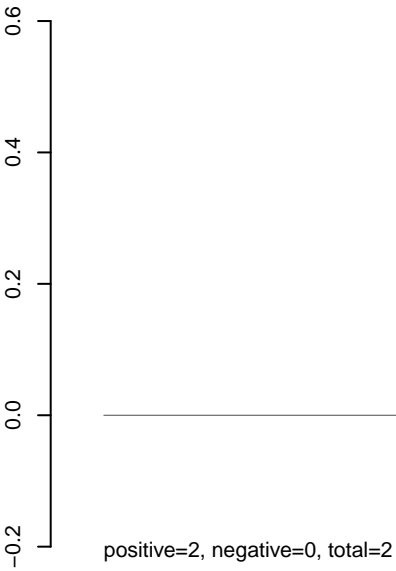
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



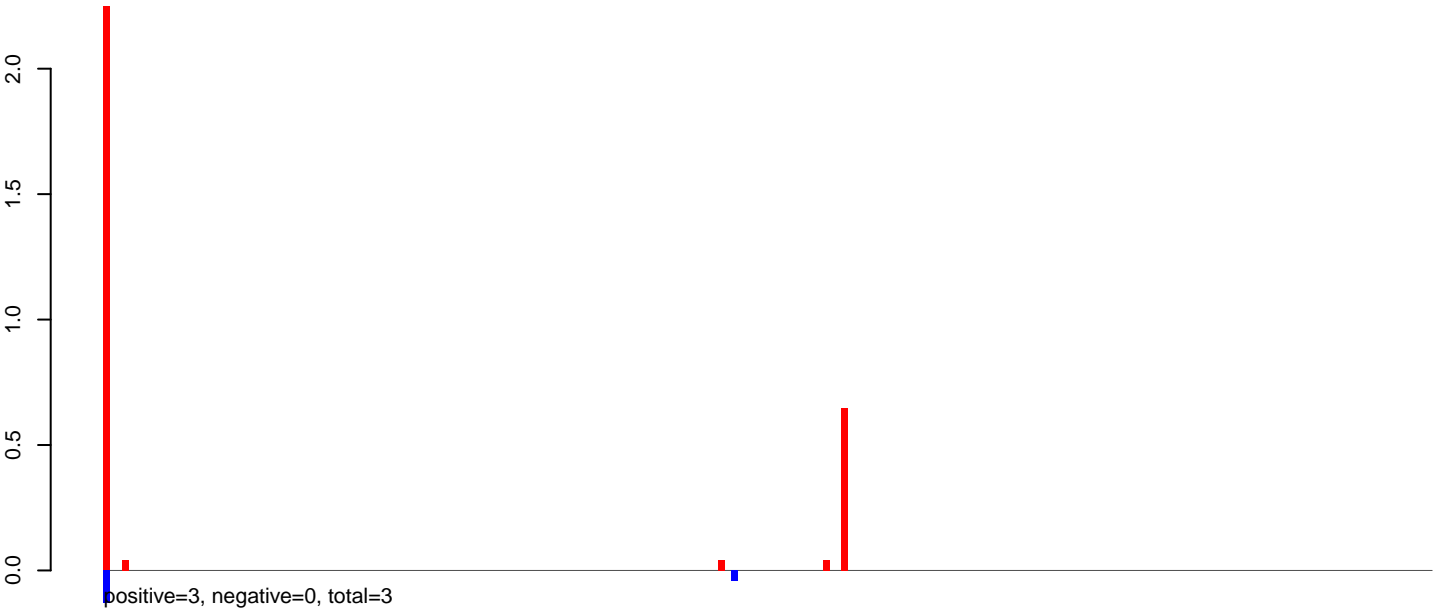
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



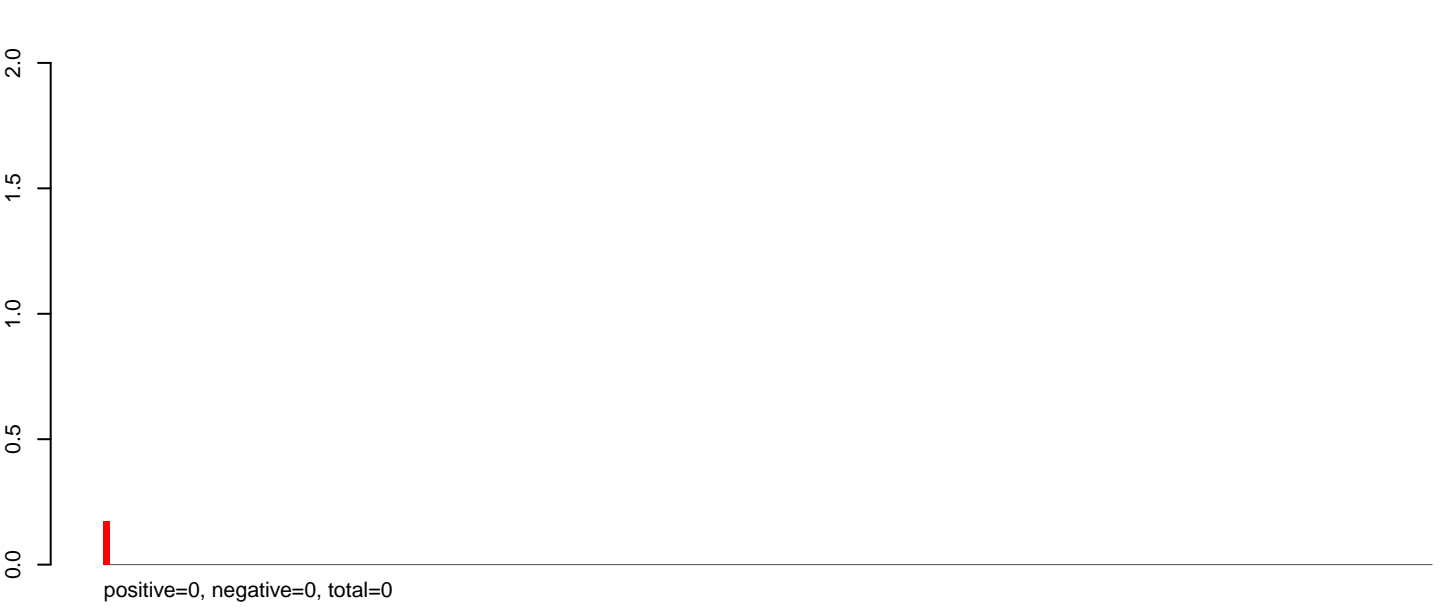
Window size=50, length=10648, virus@KM225264.1-Bainyik\_virus\_strain\_MK7979:1-10648

0 2000 4000 6000 8000 10000

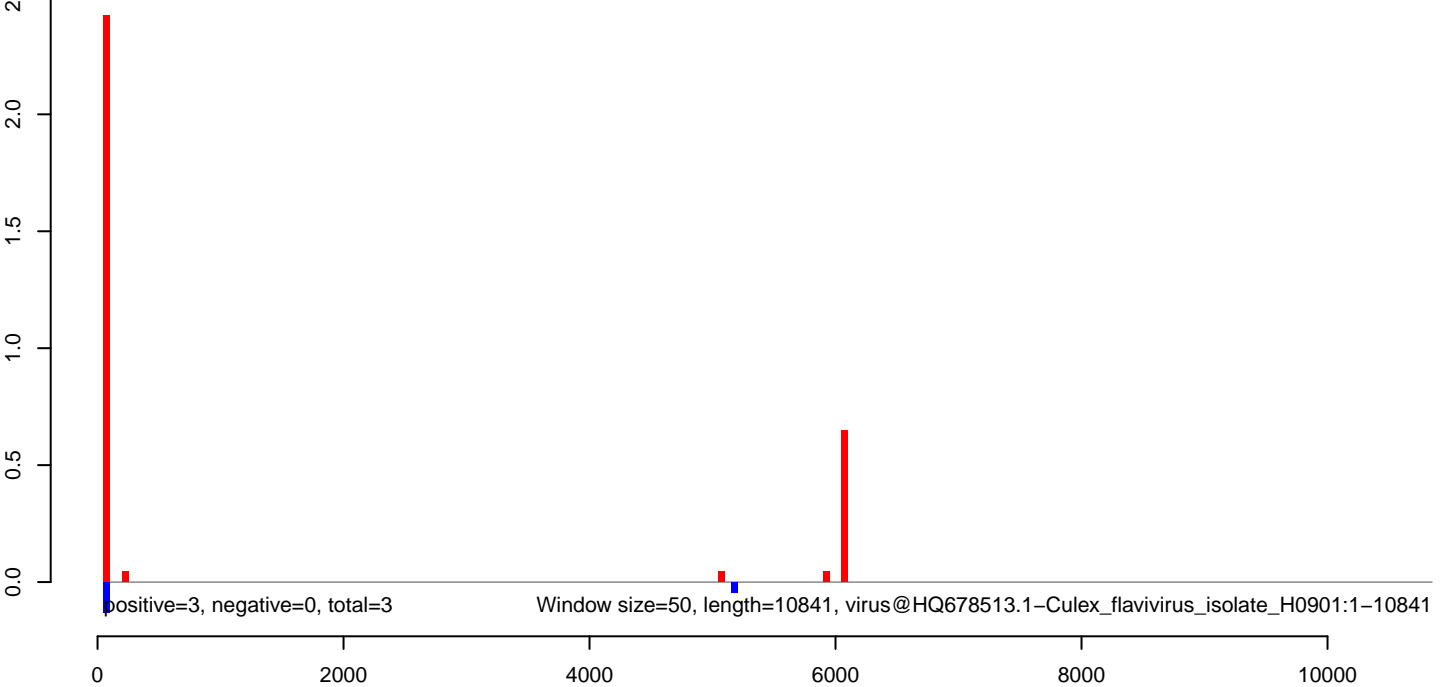
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



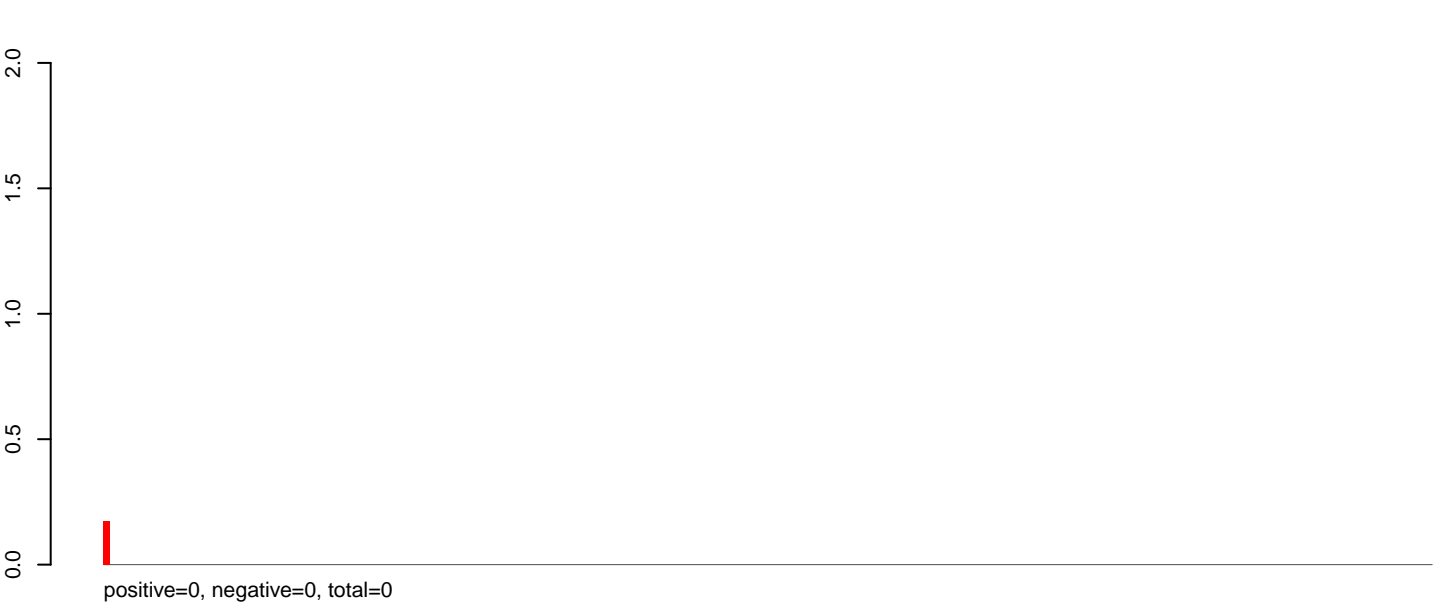
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



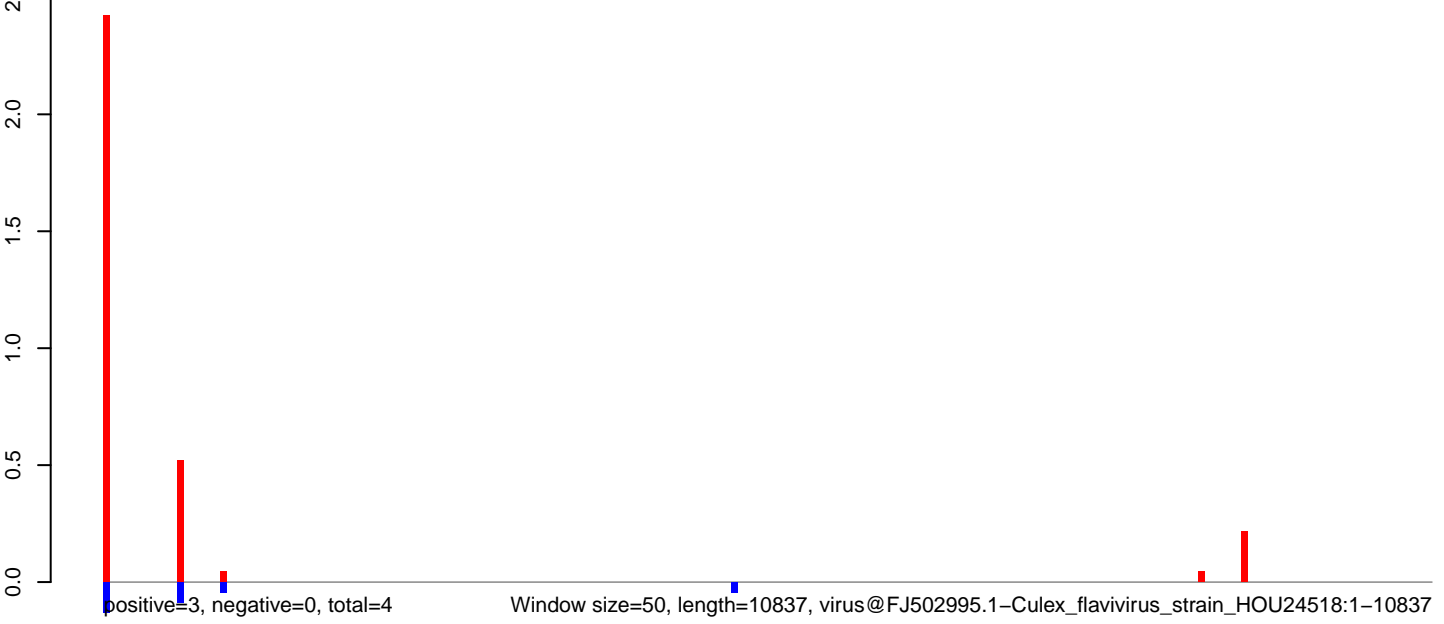
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep

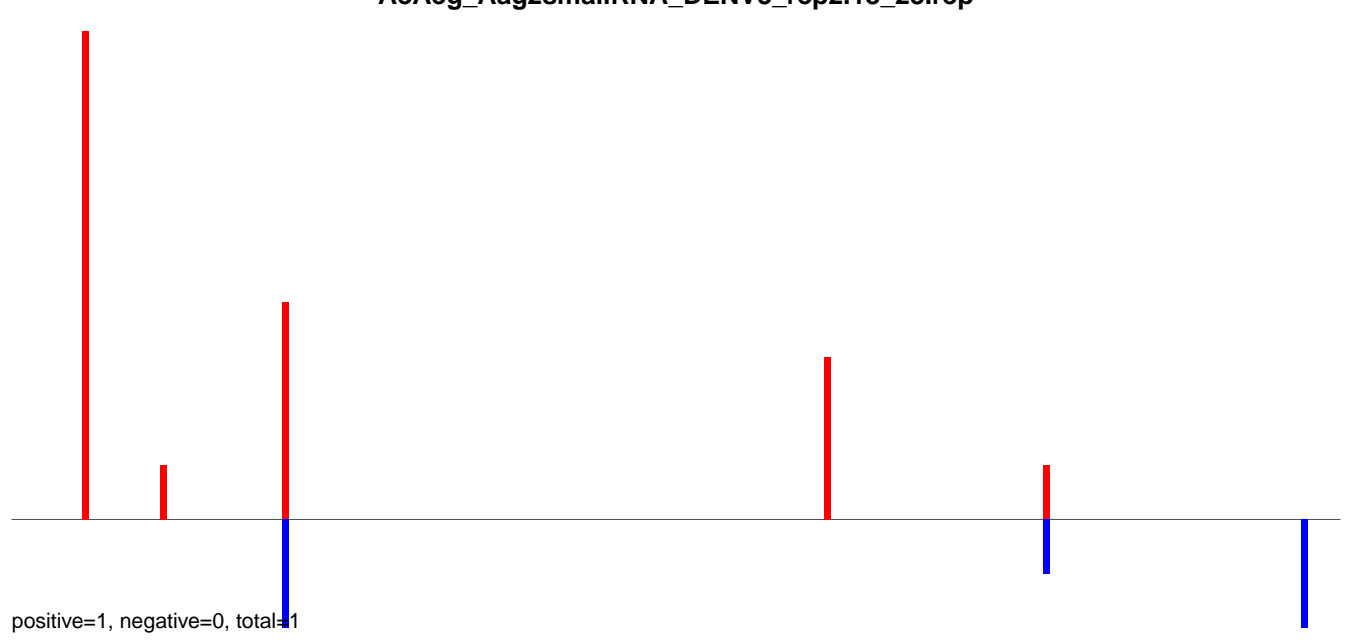


AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep

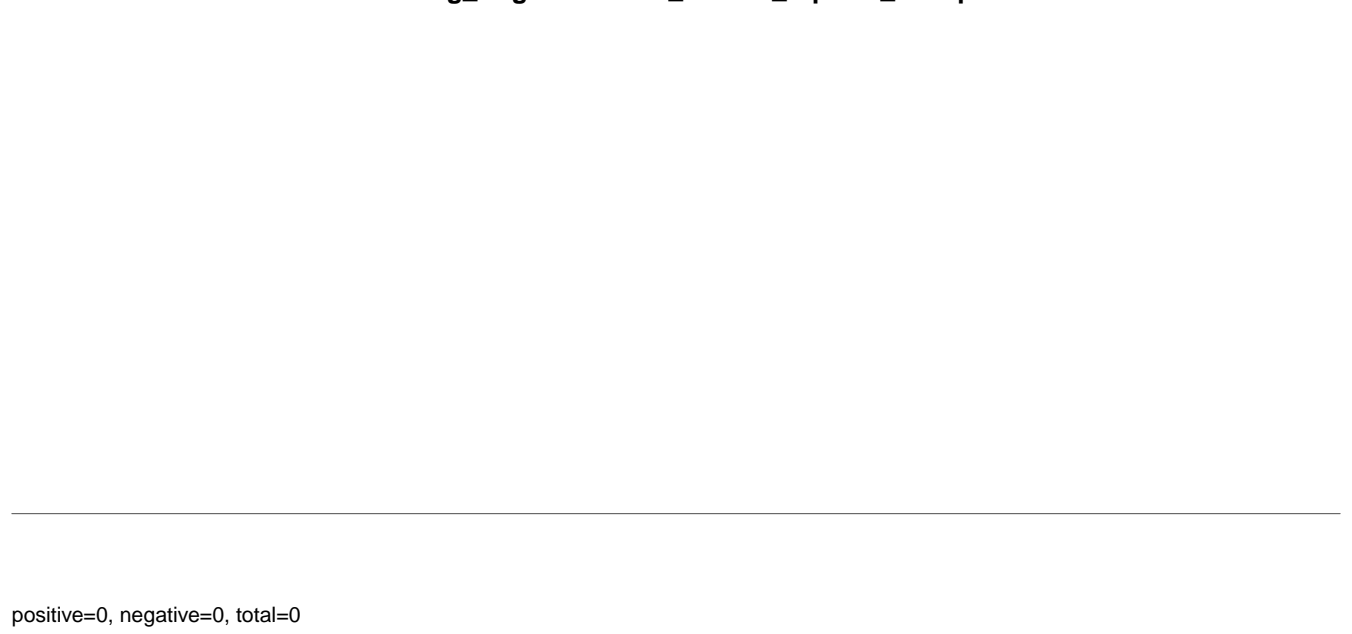




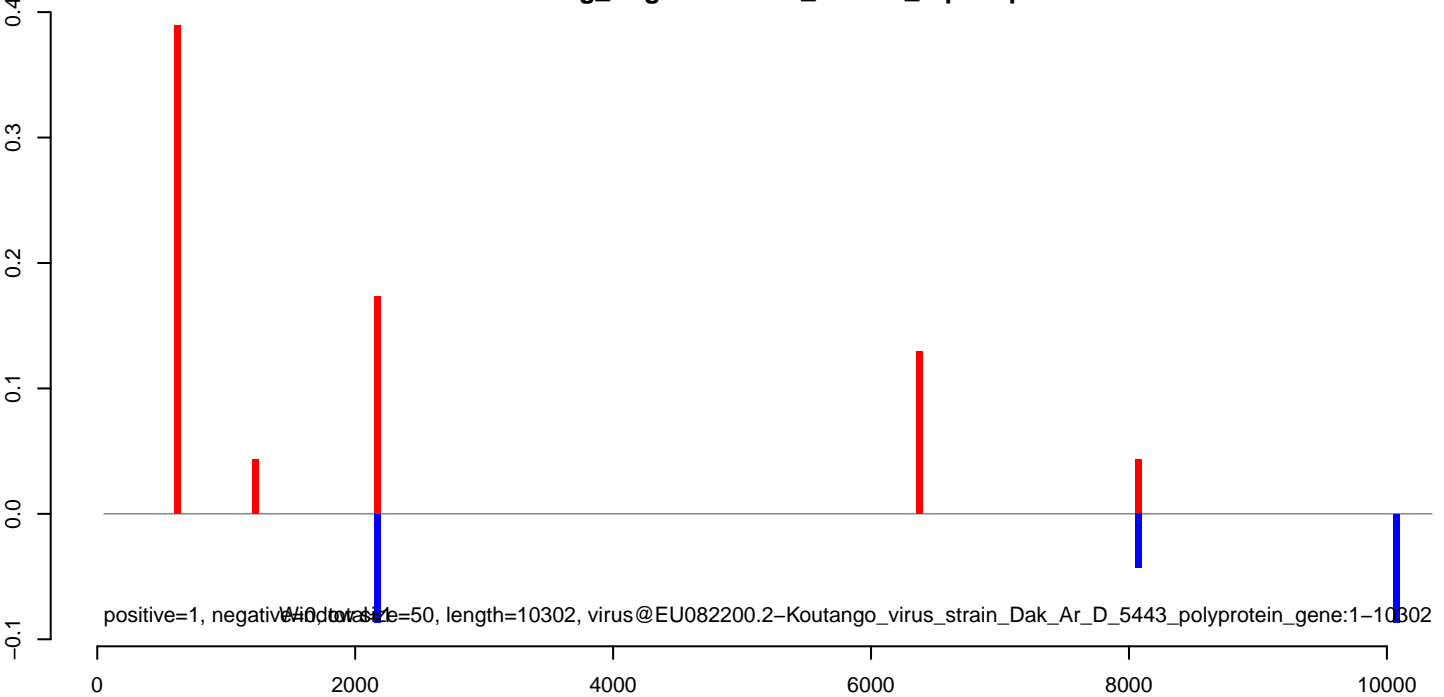
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



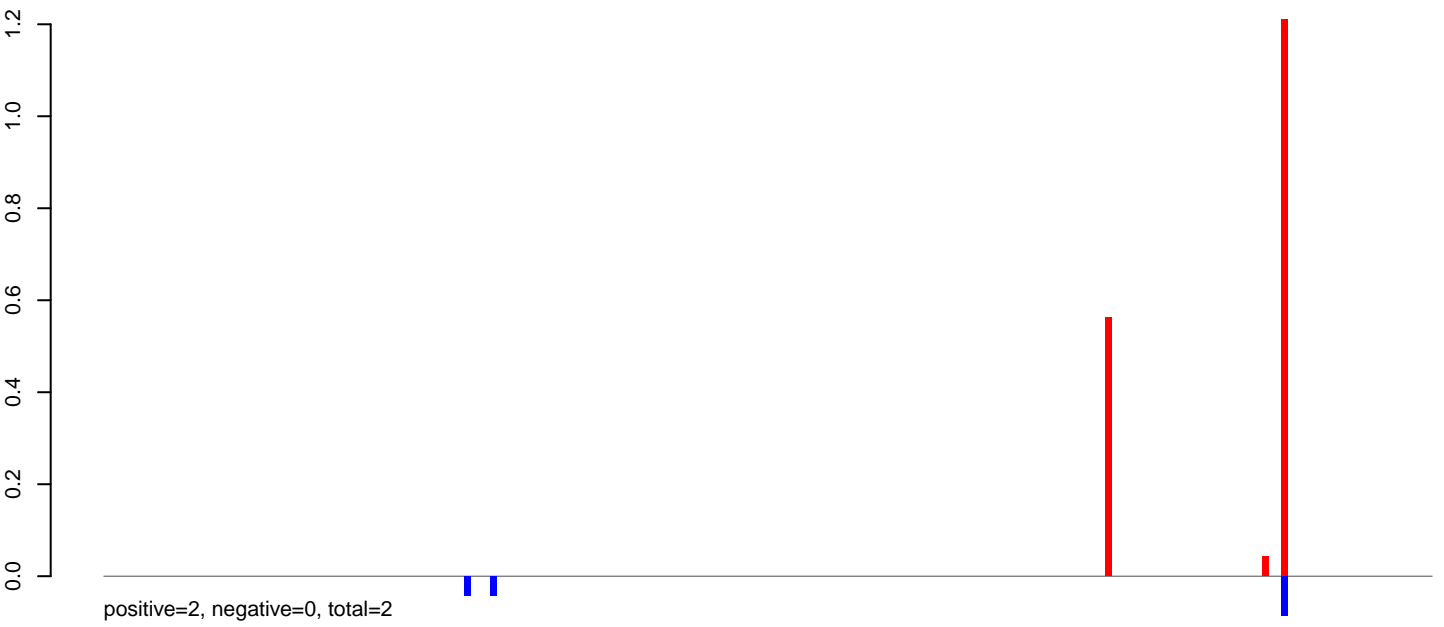
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



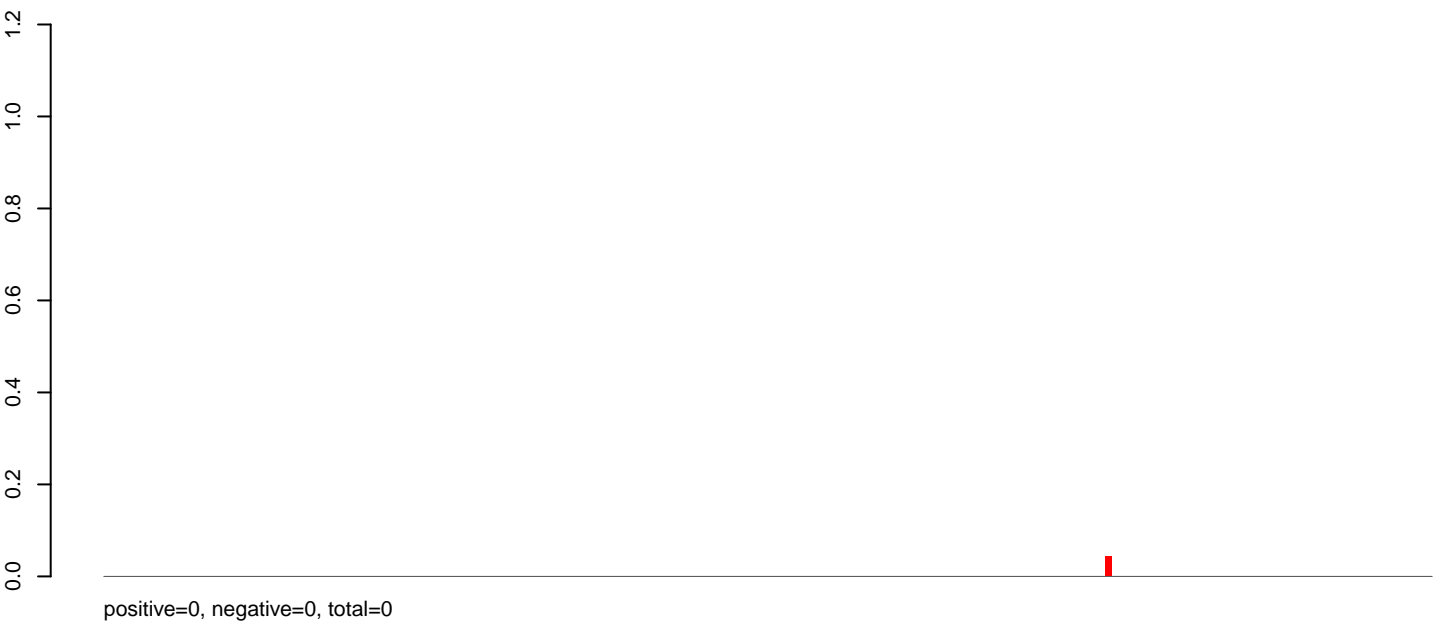
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



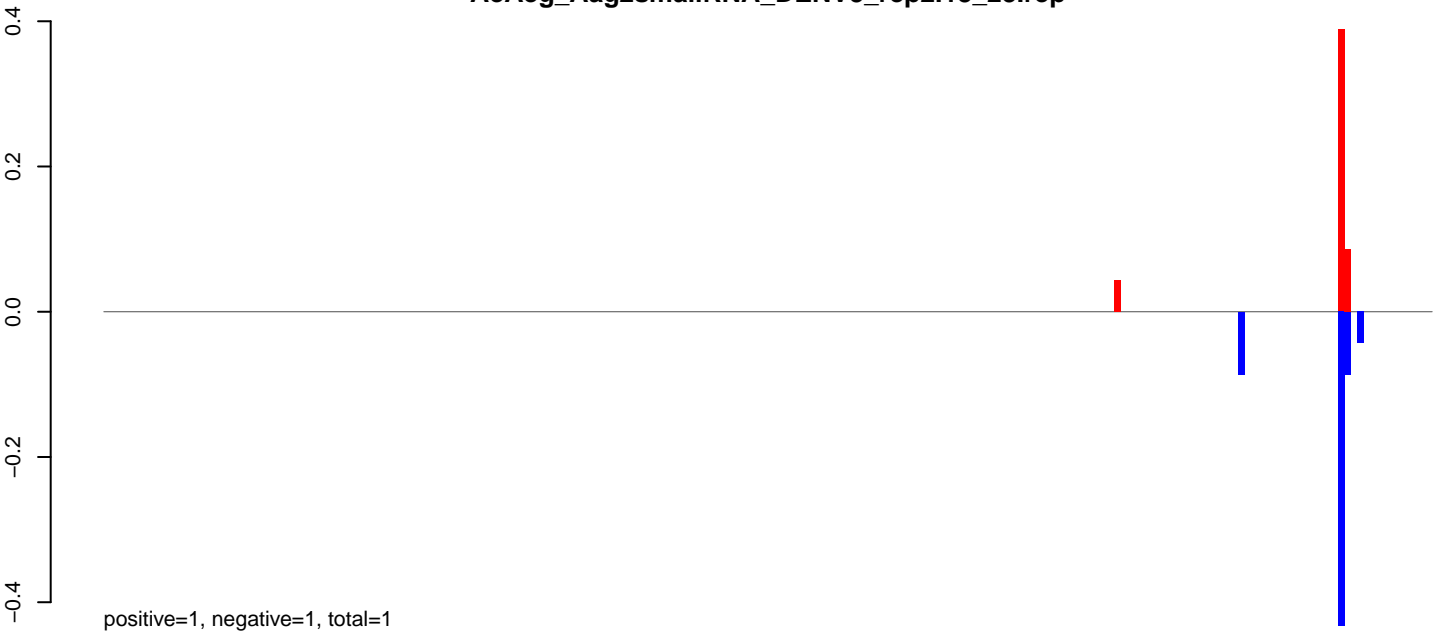
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



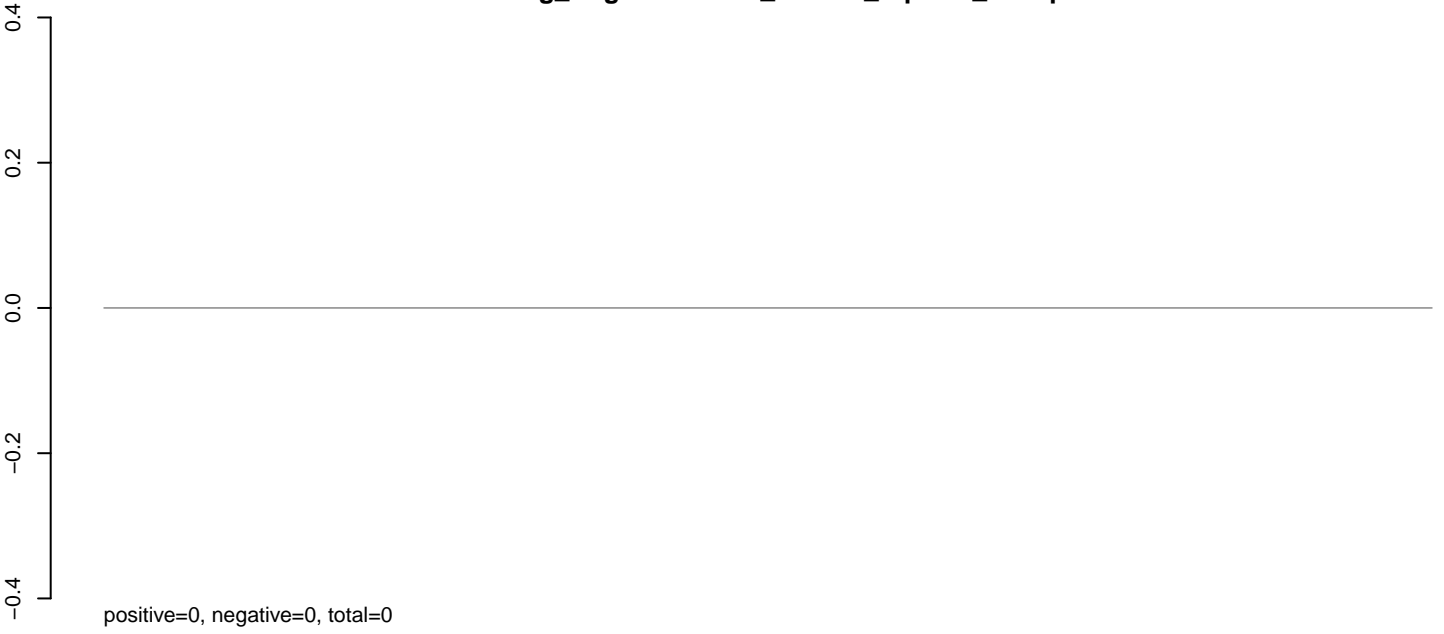
Window size=50, length=10158, virus@NC\_030401.1-Hanko\_virus\_polyprotein\_gene:1-10158

0 2000 4000 6000 8000 10000

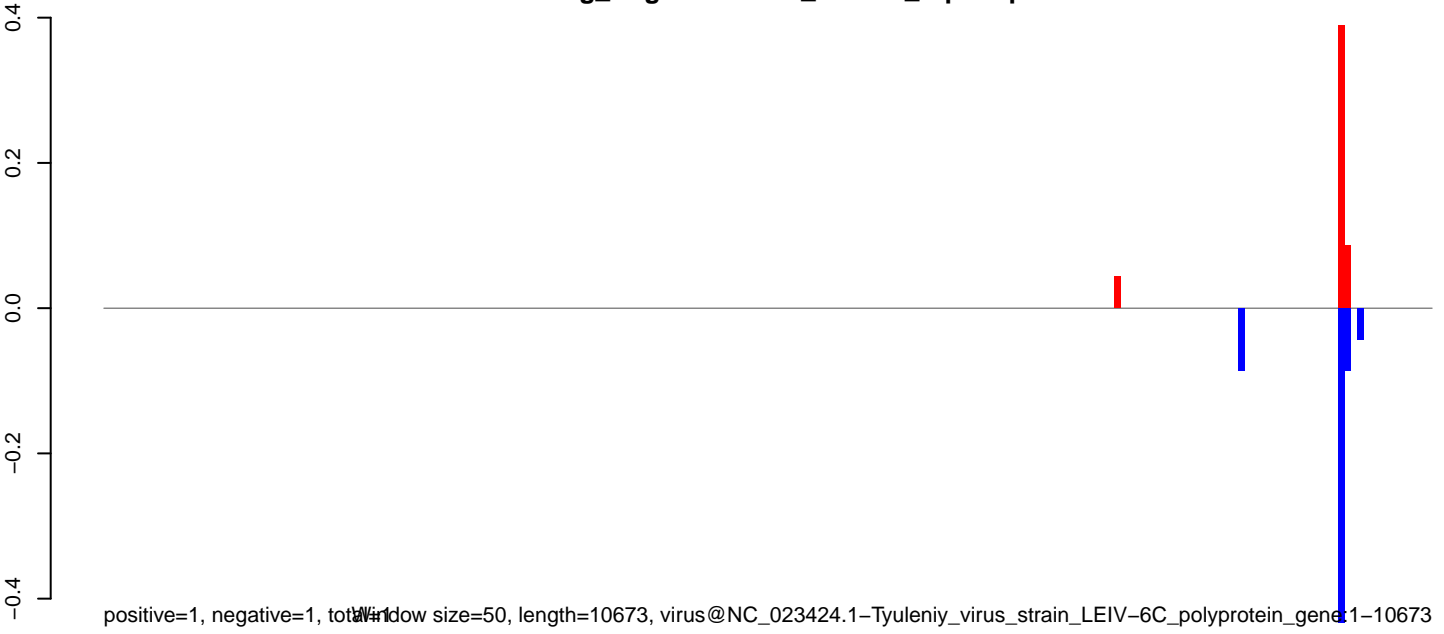
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



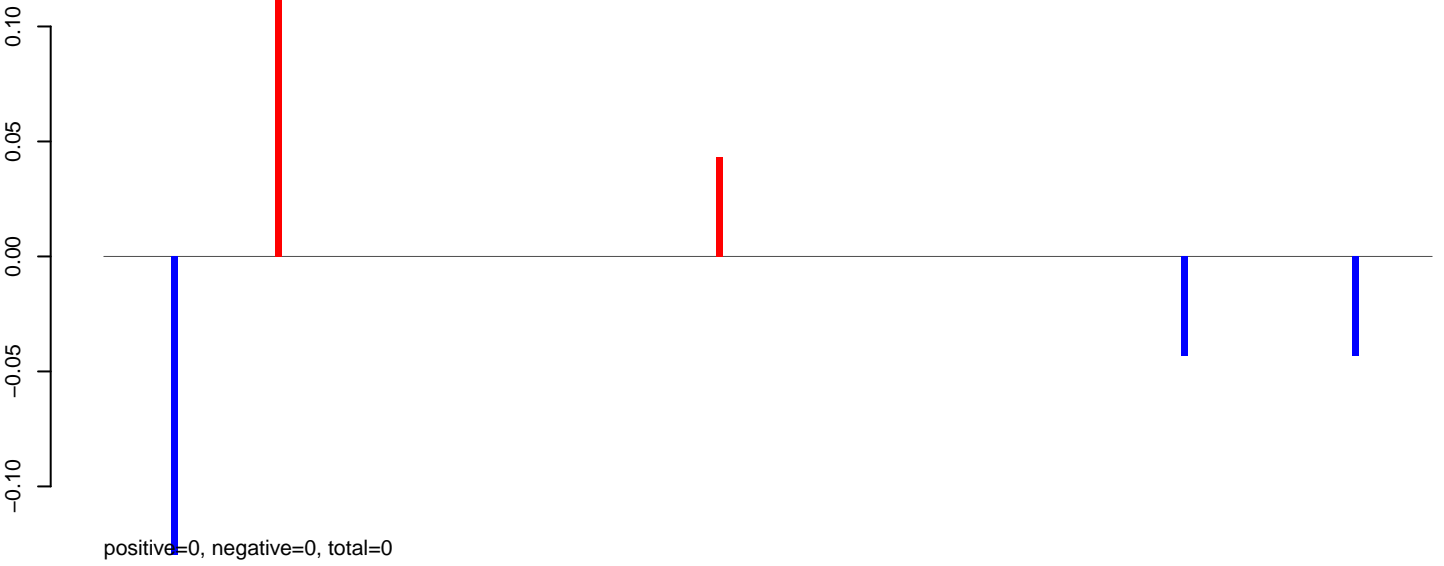
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



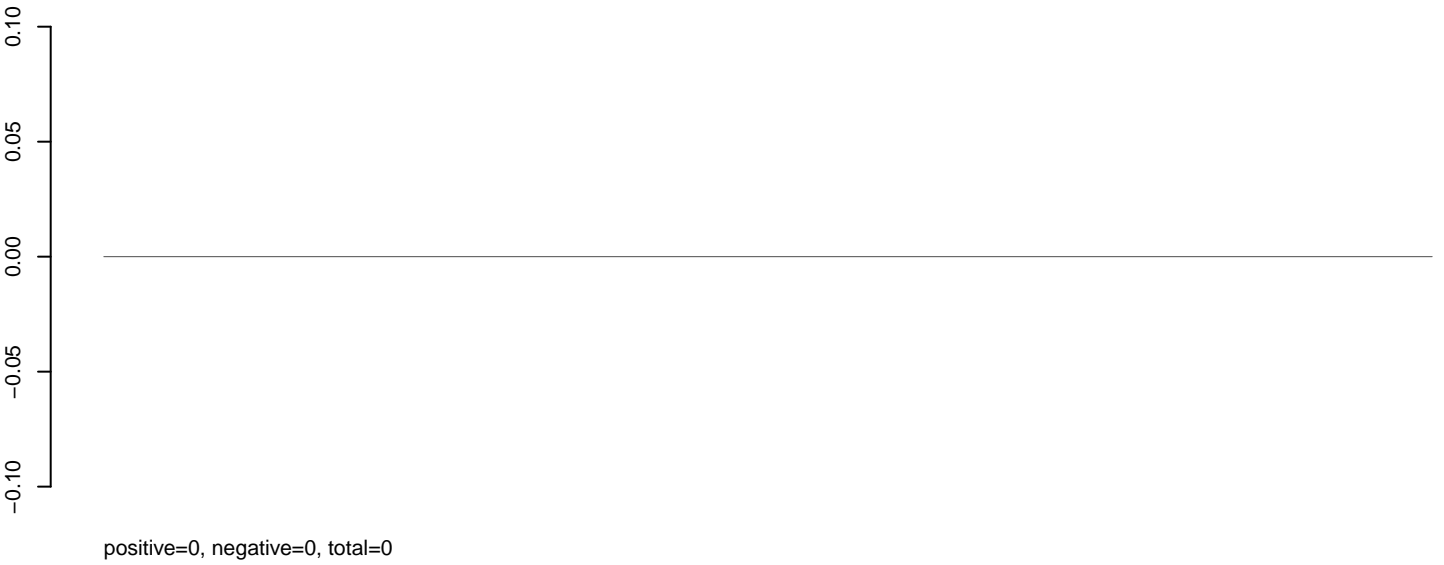
Window size=50, length=10673, virus@NC\_023424.1-Tyuleniy\_virus\_strain\_LEIV-6C\_polyprotein\_gene1-10673

0 2000 4000 6000 8000 10000

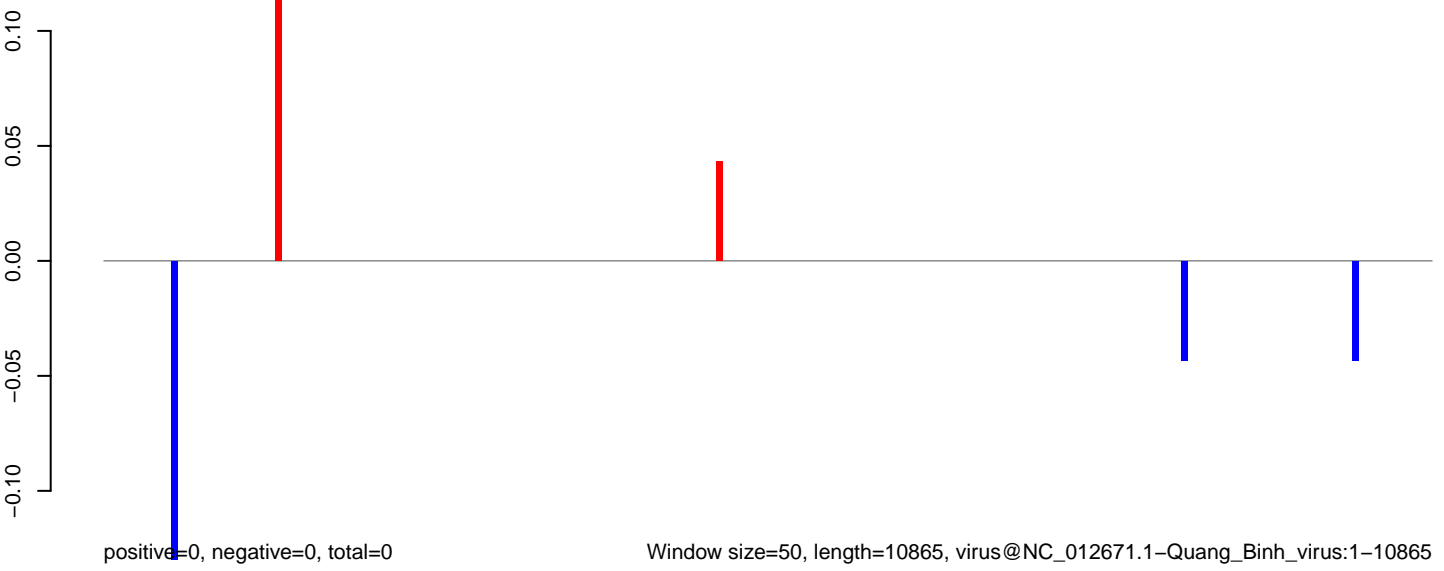
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

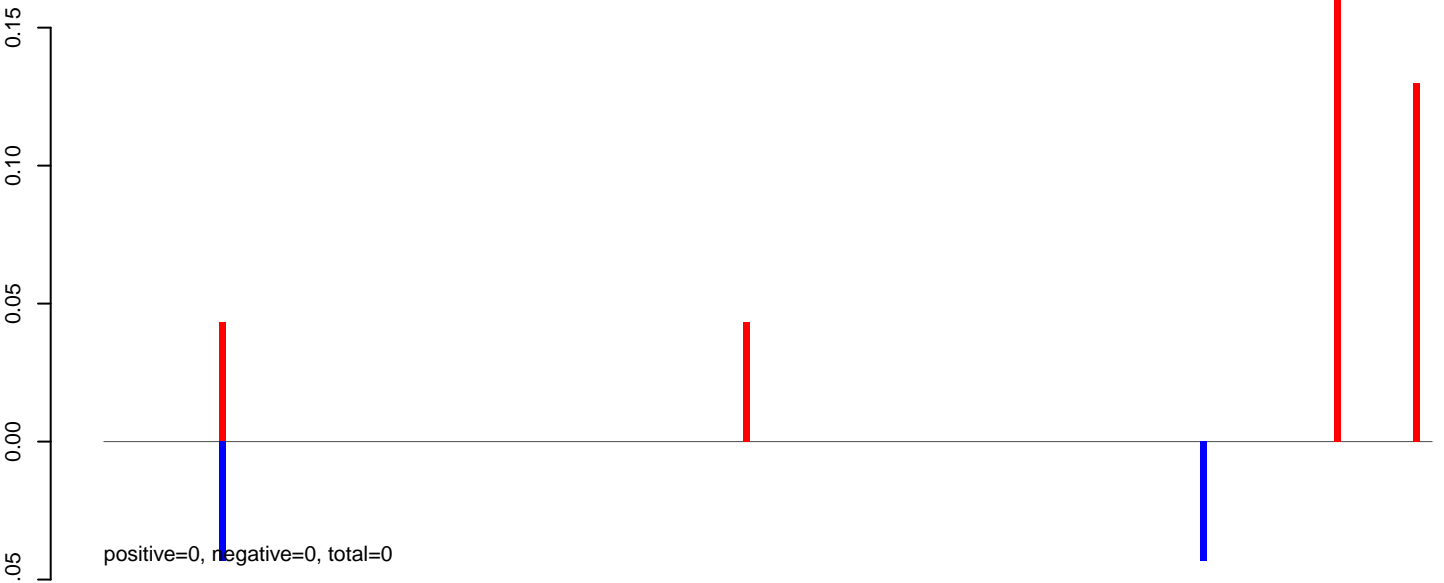


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

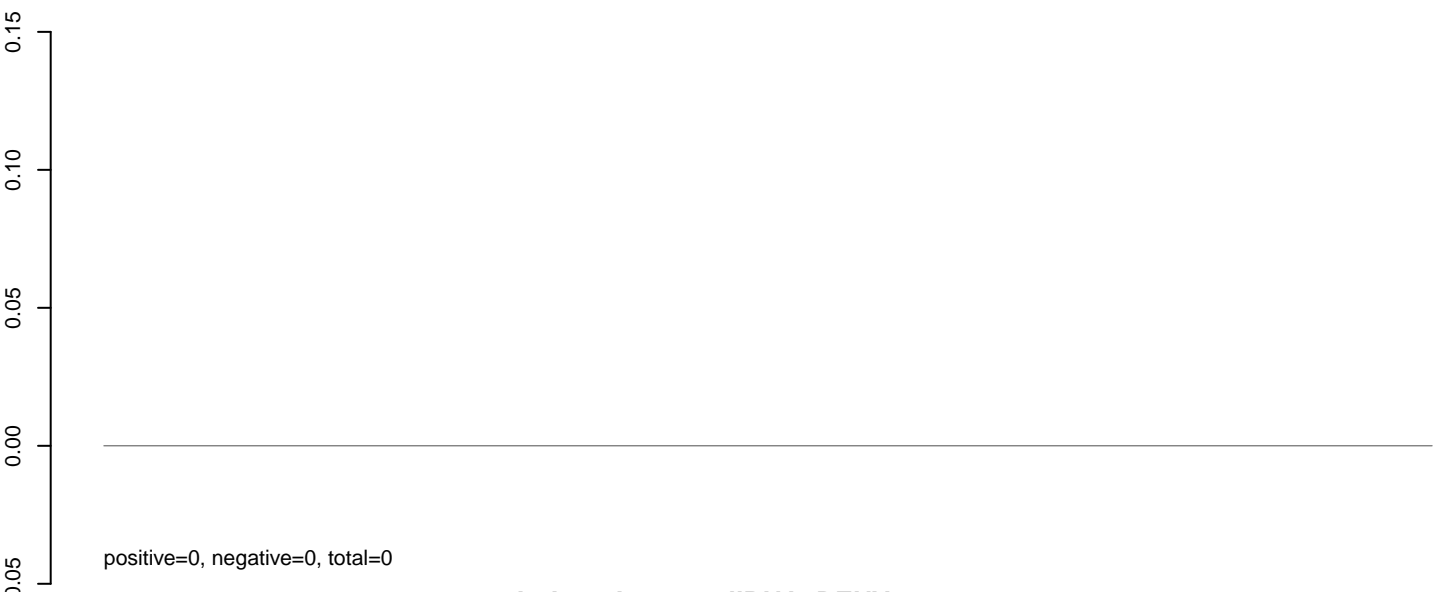


0 2000 4000 6000 8000 10000

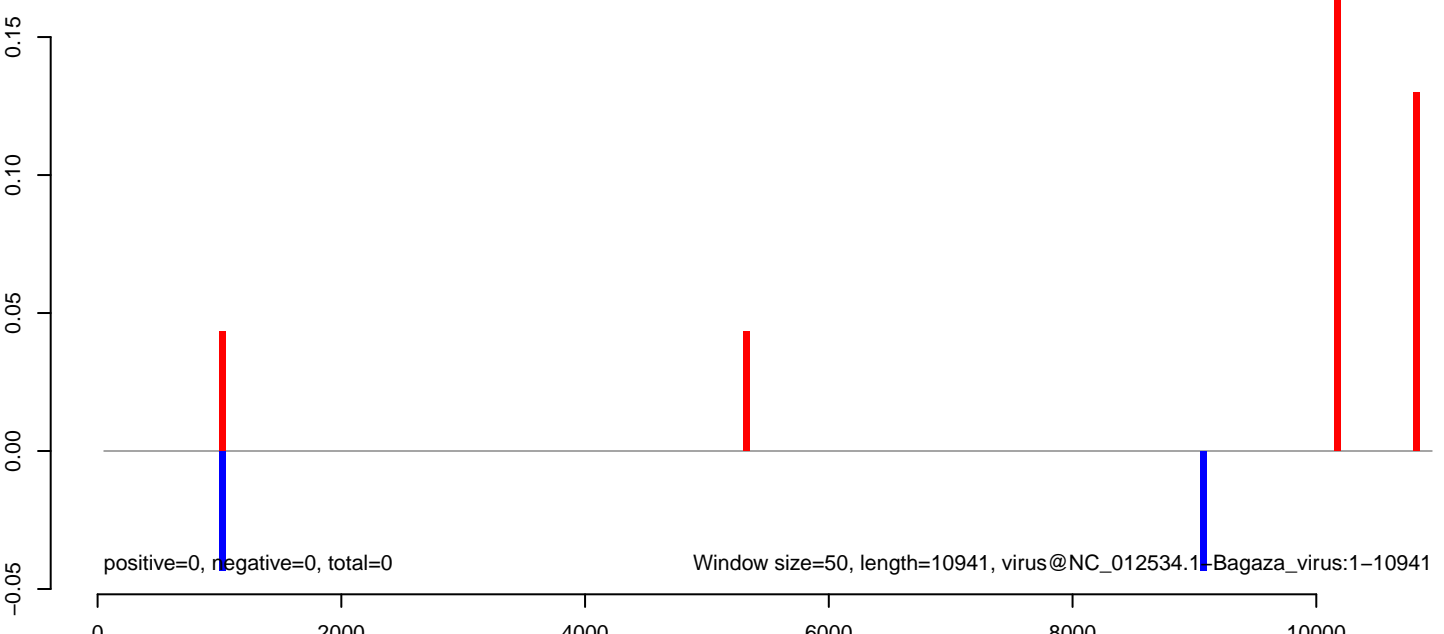
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



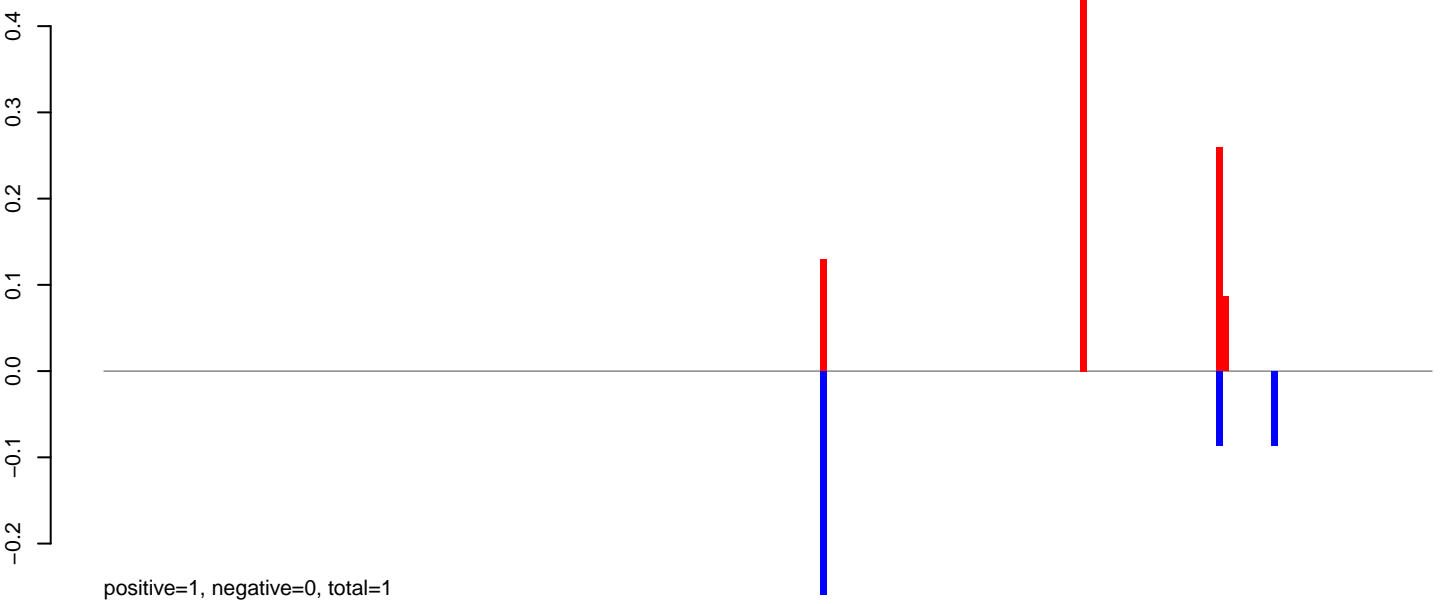
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



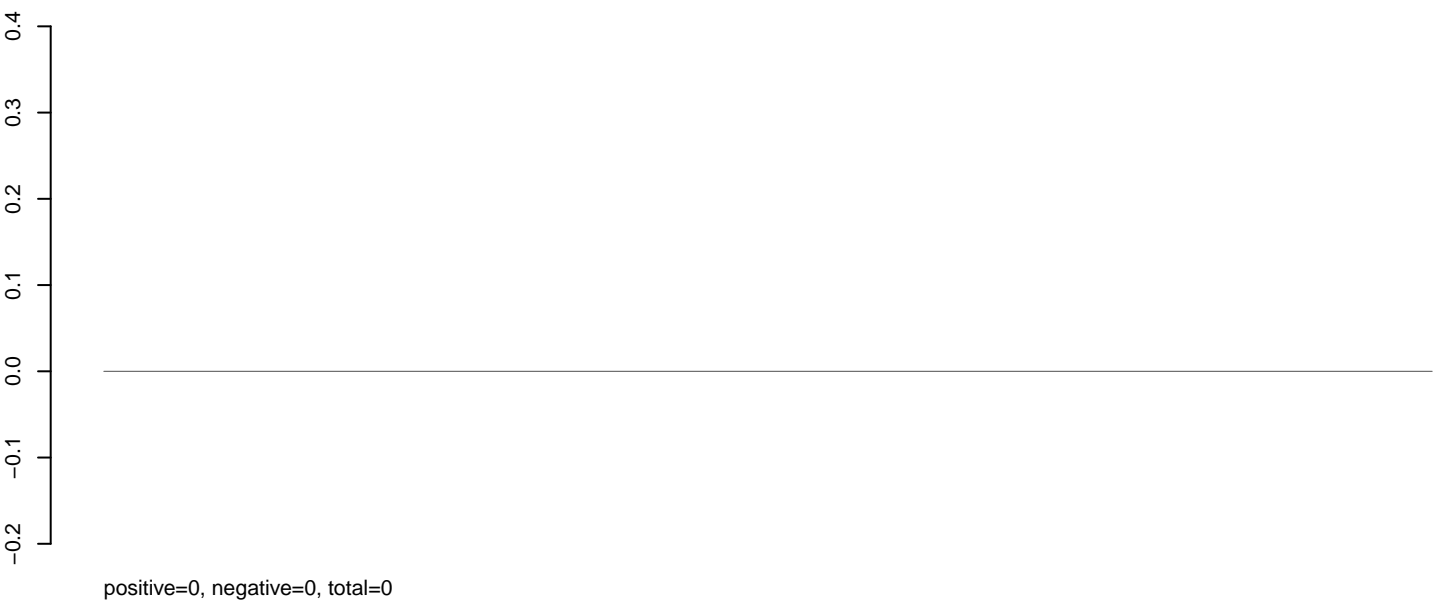
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



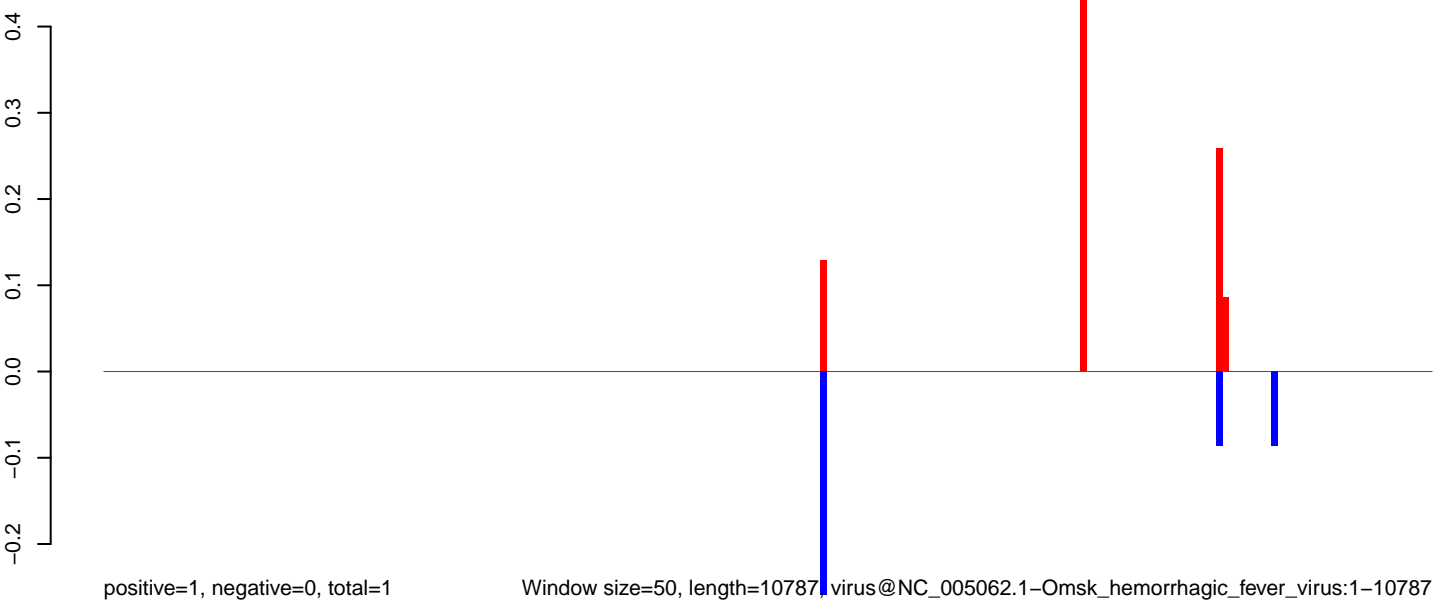
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



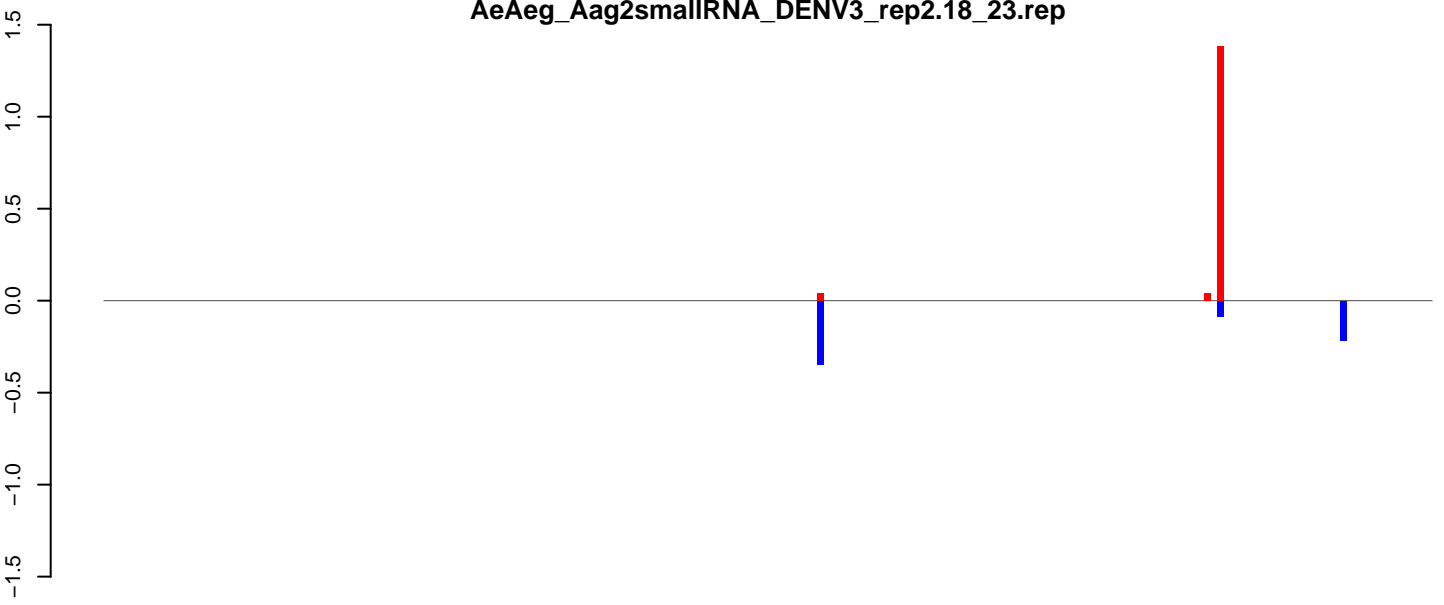
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



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

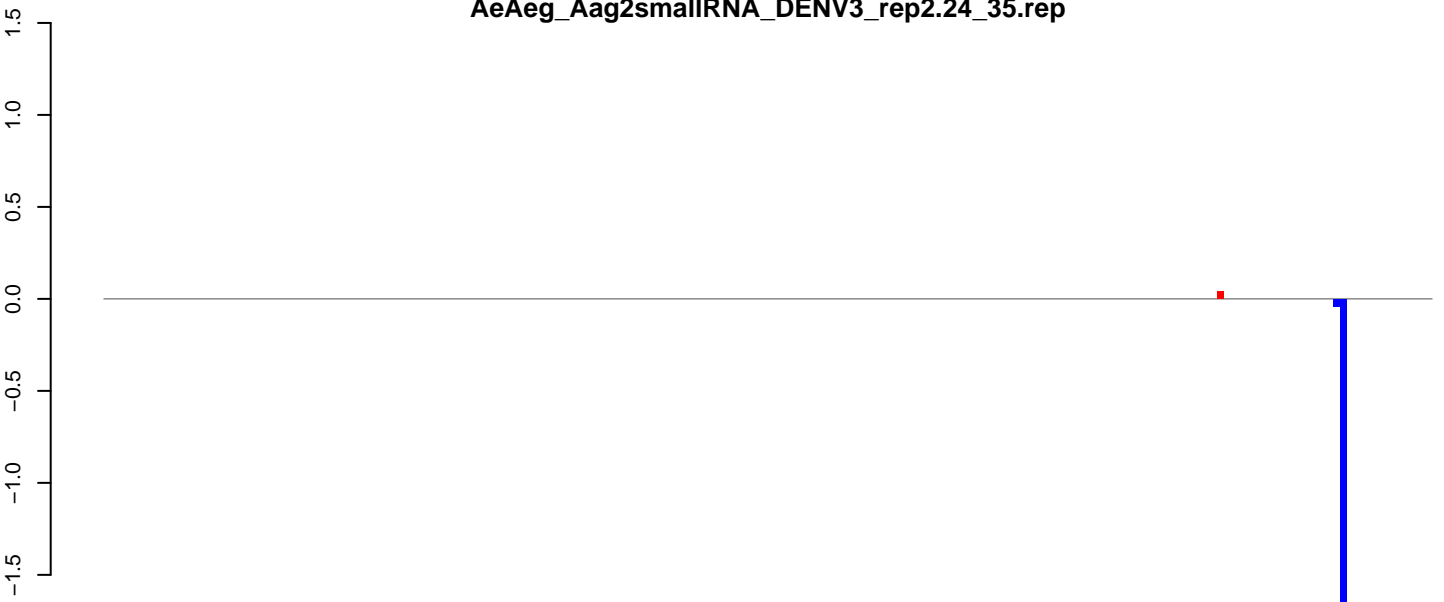
0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



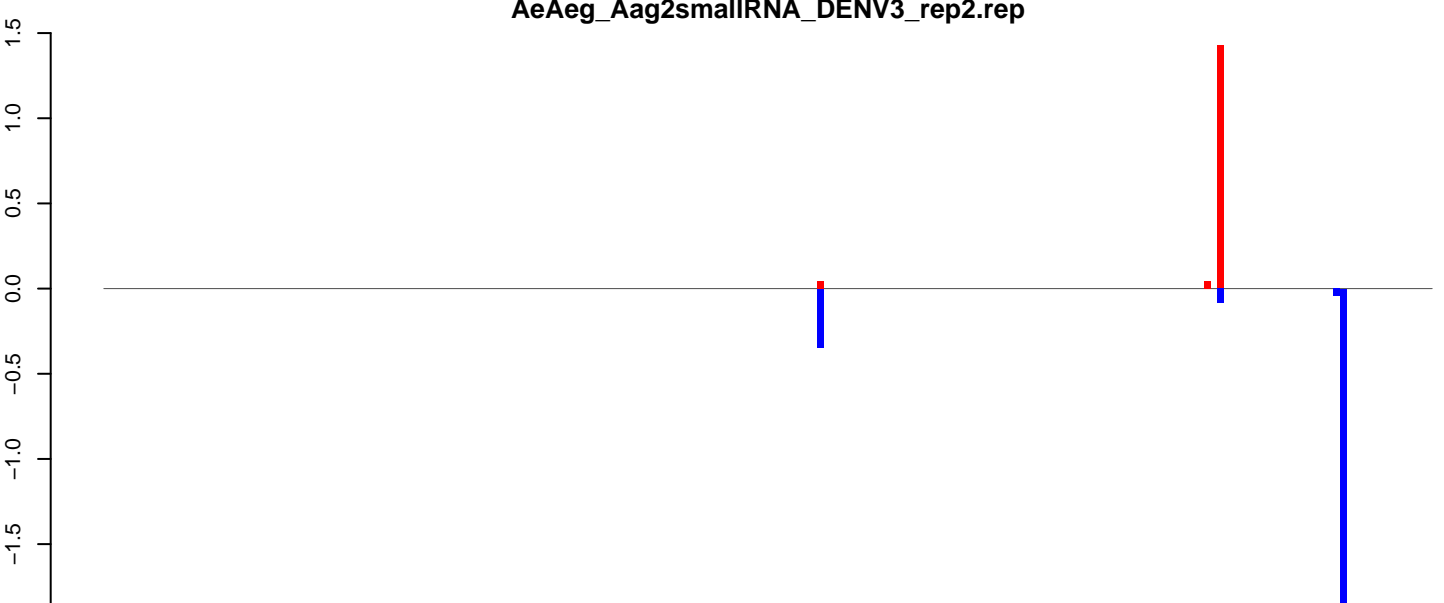
positive=1, negative=1, total=2

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



positive=0, negative=2, total=2

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

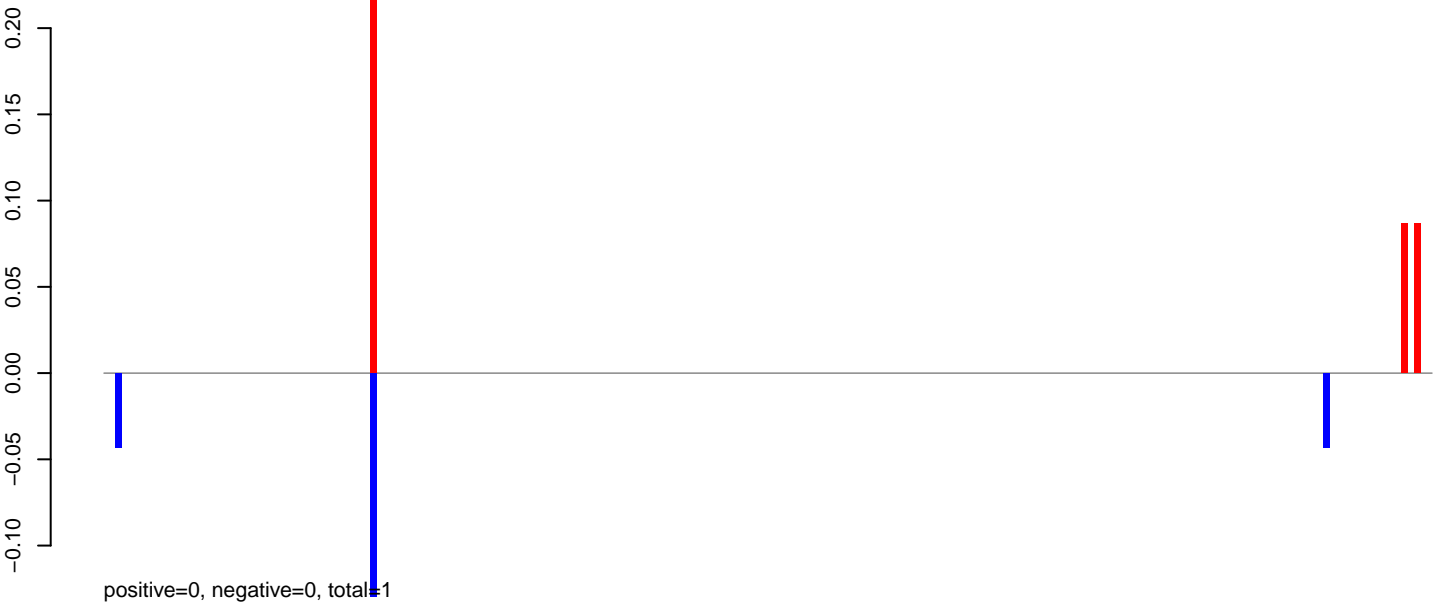


positive=2, negative=3, total=4

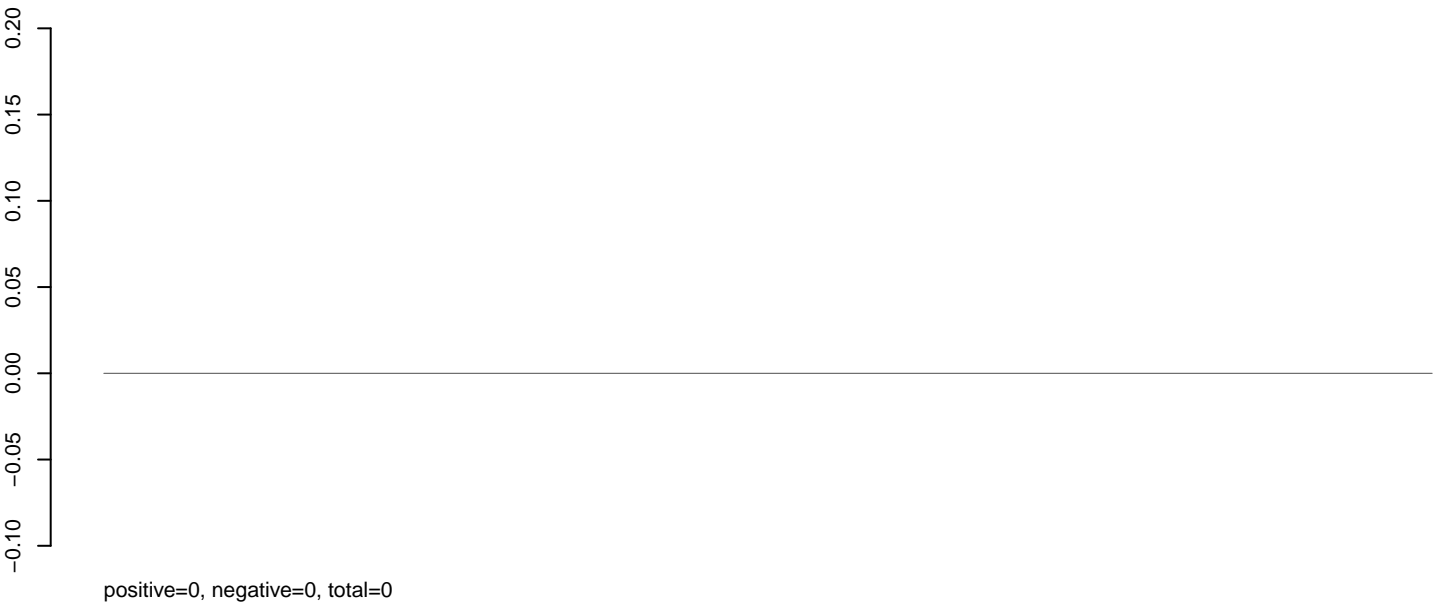
Window size=50, length=10839, virus@NC\_003687.1-Powassan\_virus1-10839

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

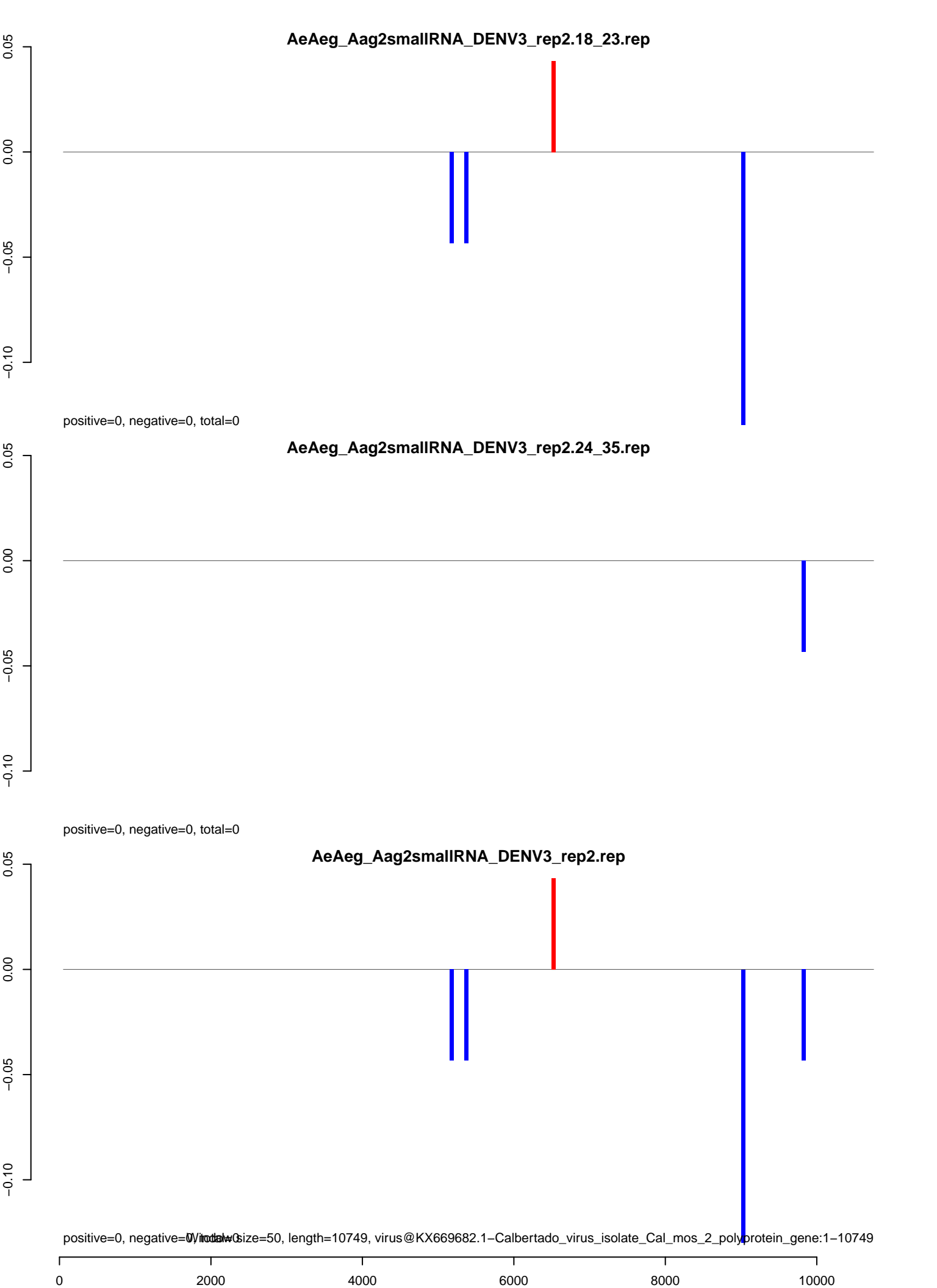


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

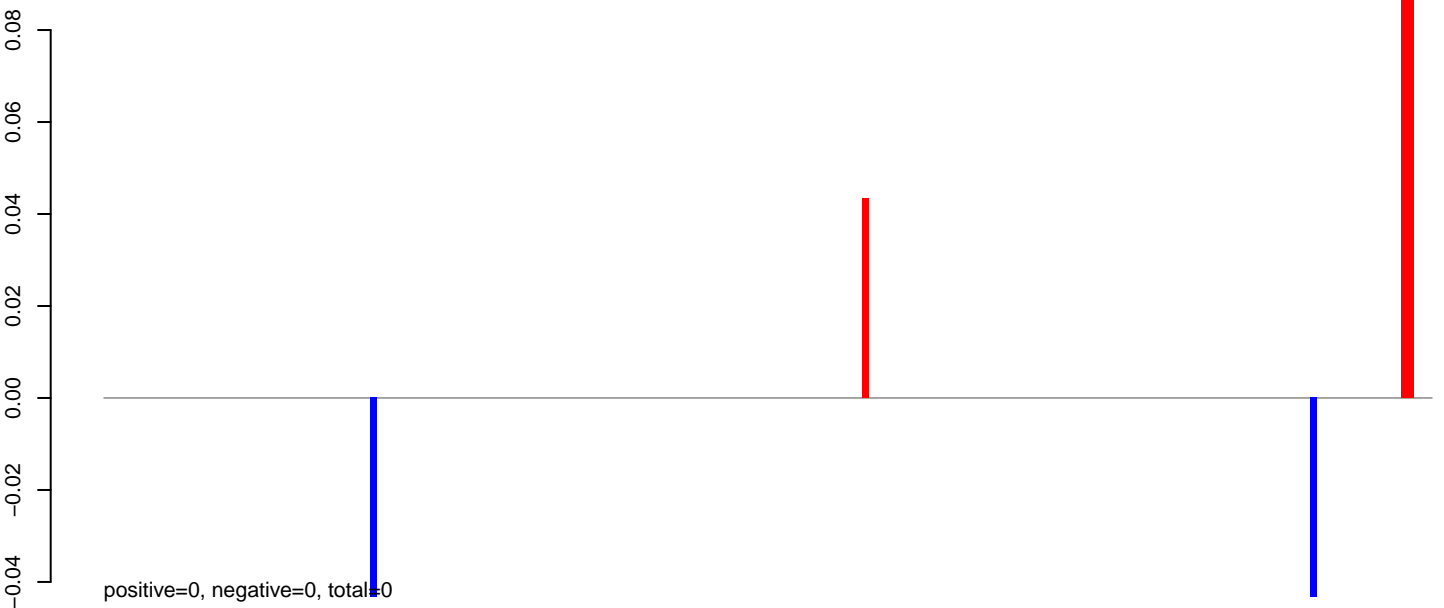


Window size=50, length=10976, virus@NC\_001437.1-Japanese\_encephalitis\_virus\_genome:1-10976

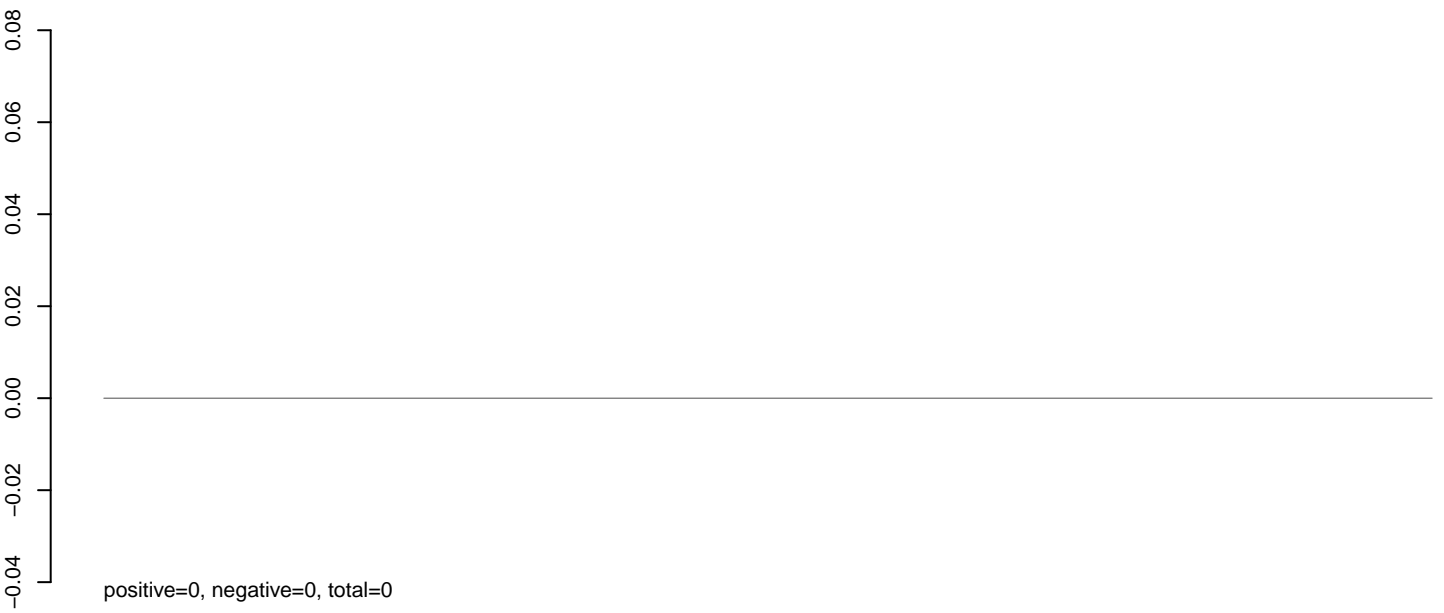




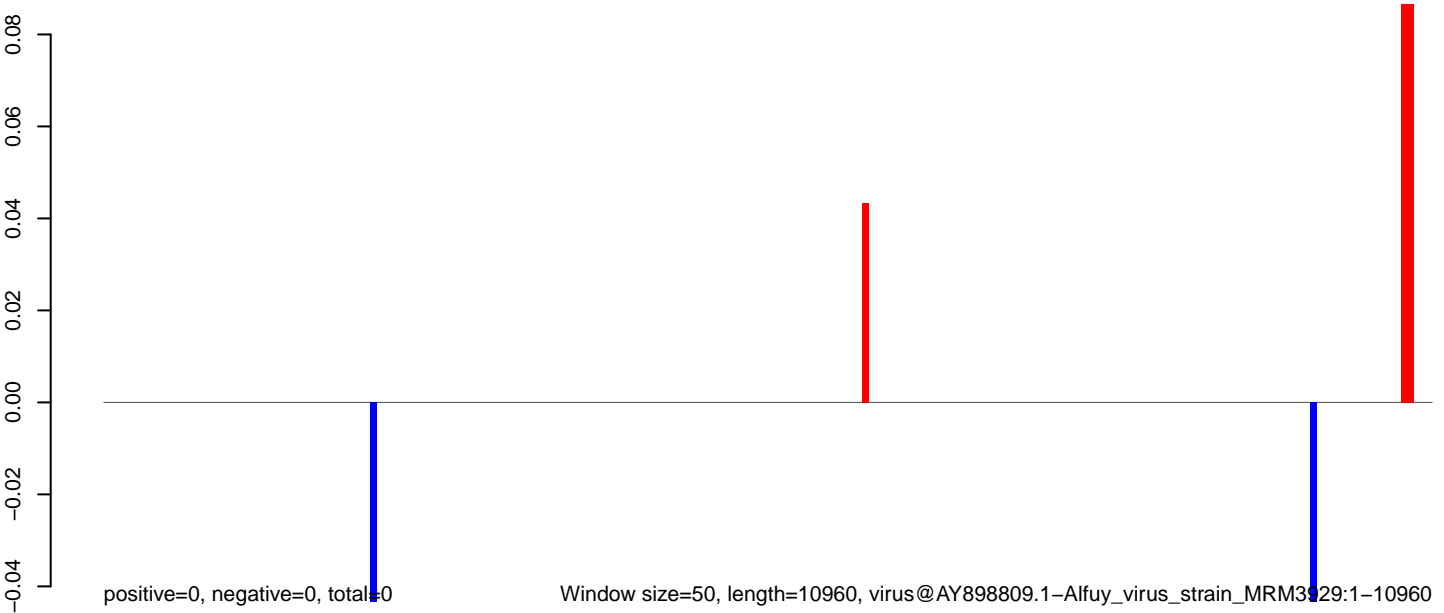
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



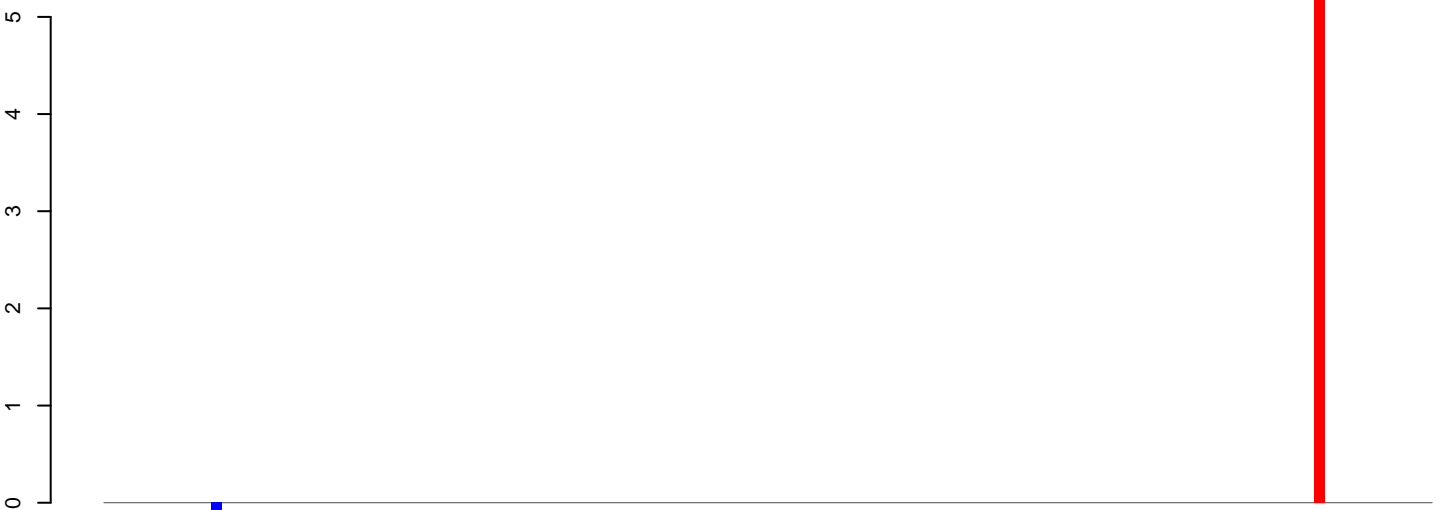
Window size=50, length=10960, virus@AY898809.1-Alfuy\_virus\_strain\_MRM3929:1-10960

AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep



positive=3, negative=0, total=4

AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep



positive=5, negative=1, total=6

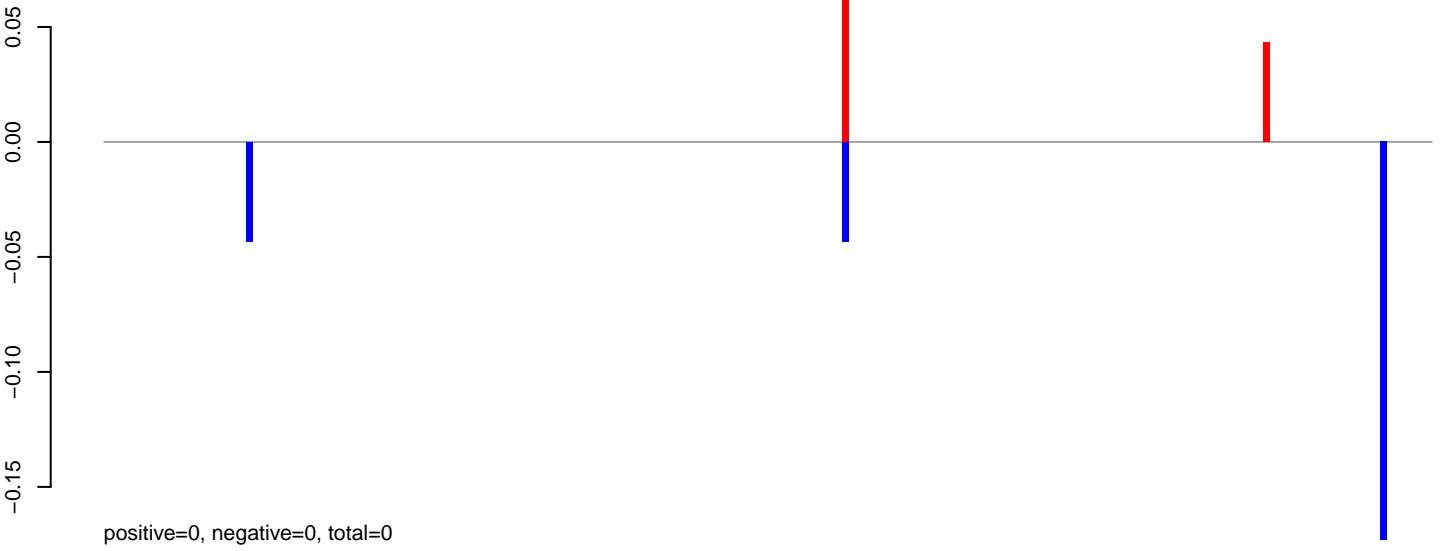
AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep



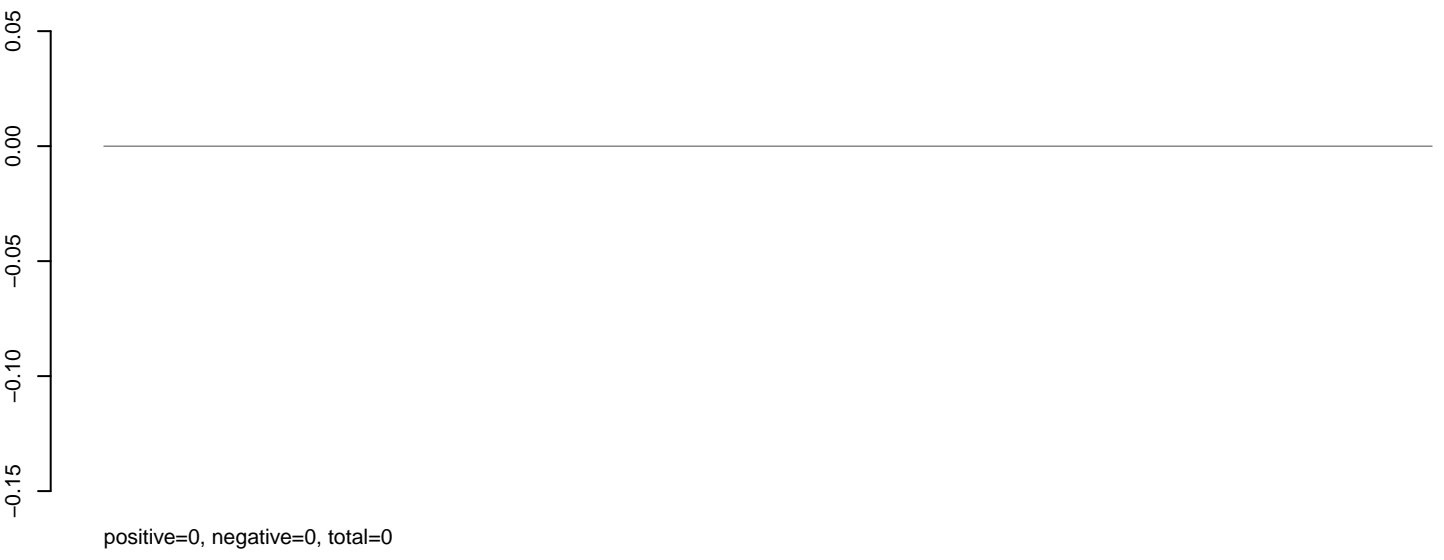
positive=9, negative=1, total=10, window size=50, length=6203, virus@NC\_035674.1-Australian\_Anopheles\_totivirus\_isolate\_AATV\_150840:1-6203

0 1000 2000 3000 4000 5000 6000

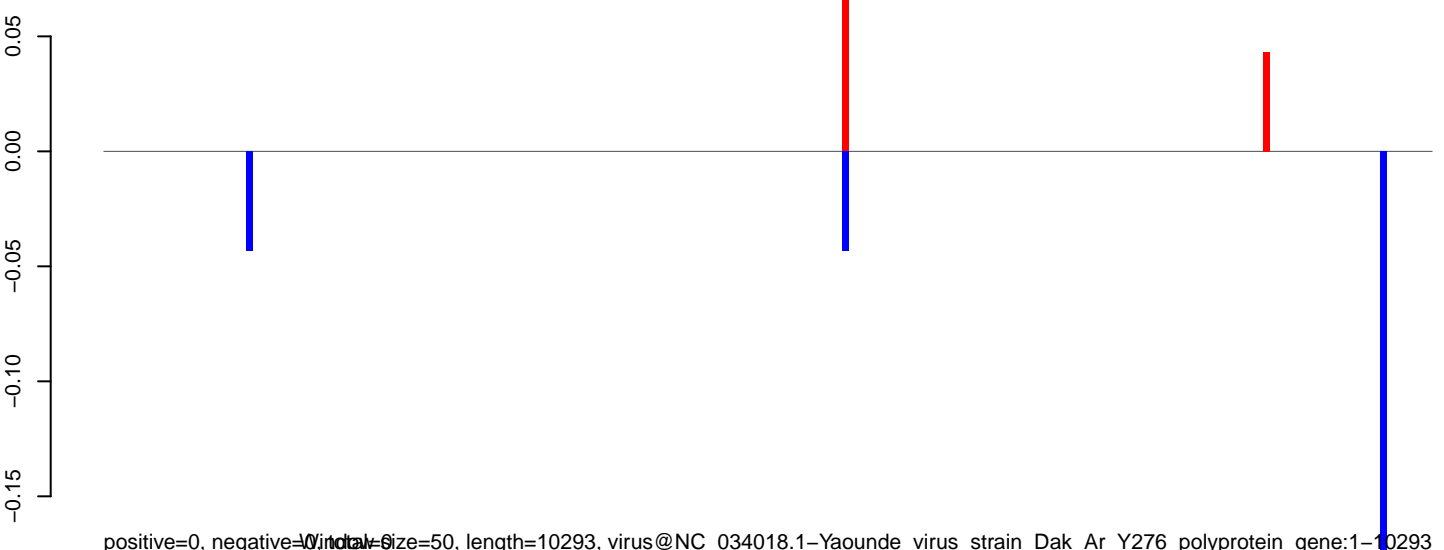
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

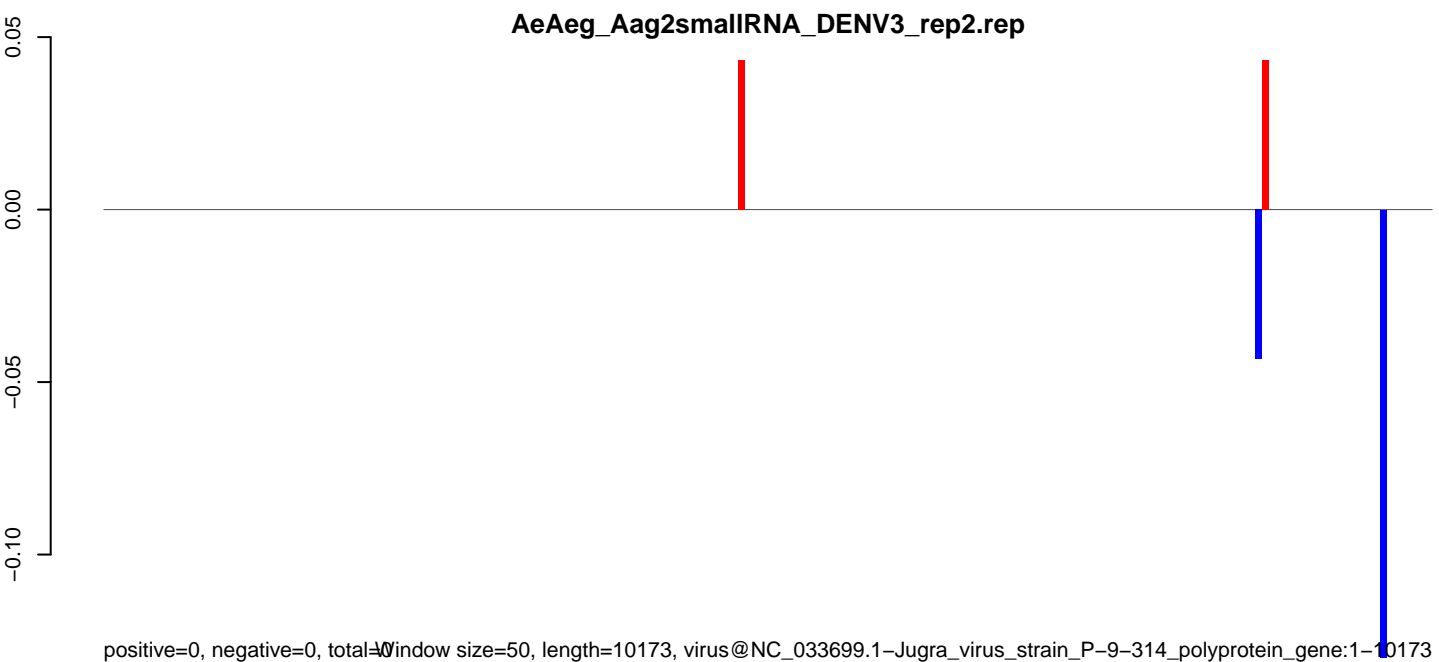
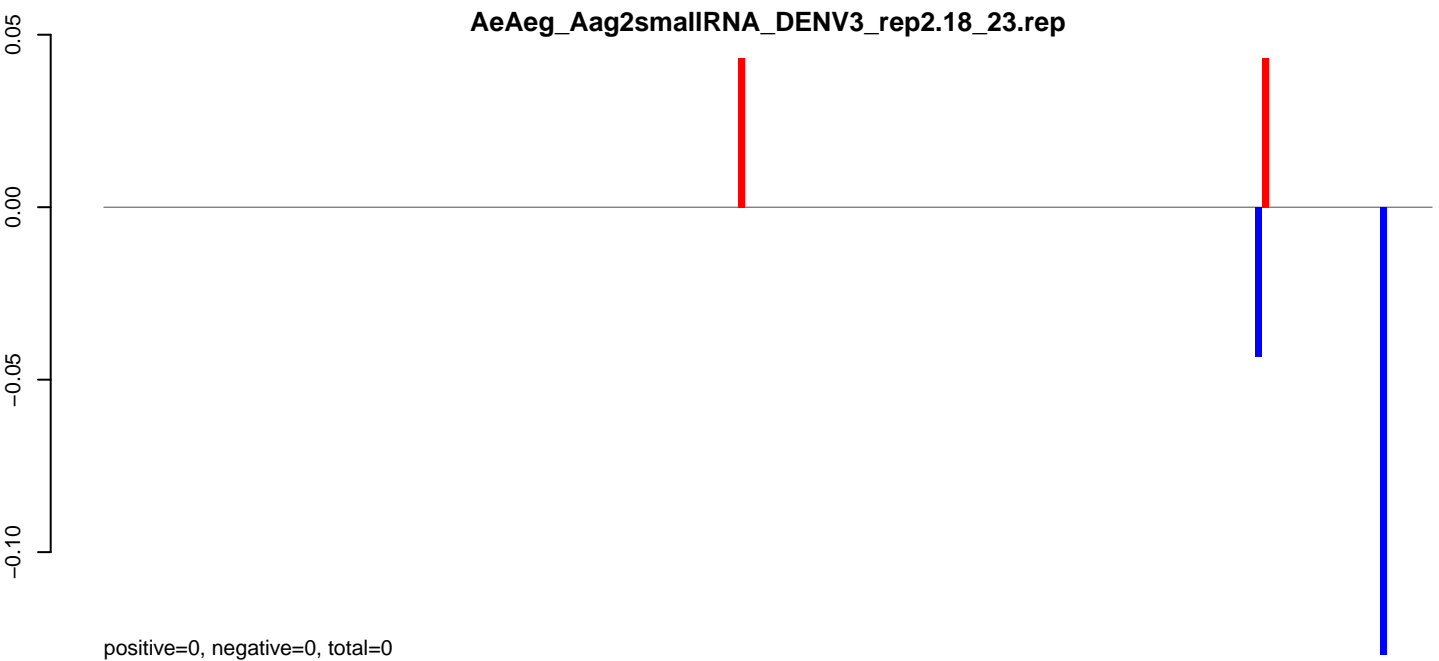


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



Window size=50, length=10293, virus@NC\_034018.1-Yaounde\_virus\_strain\_Dak\_Ar\_Y276\_polyprotein\_gene:1-10293

0 2000 4000 6000 8000 10000



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



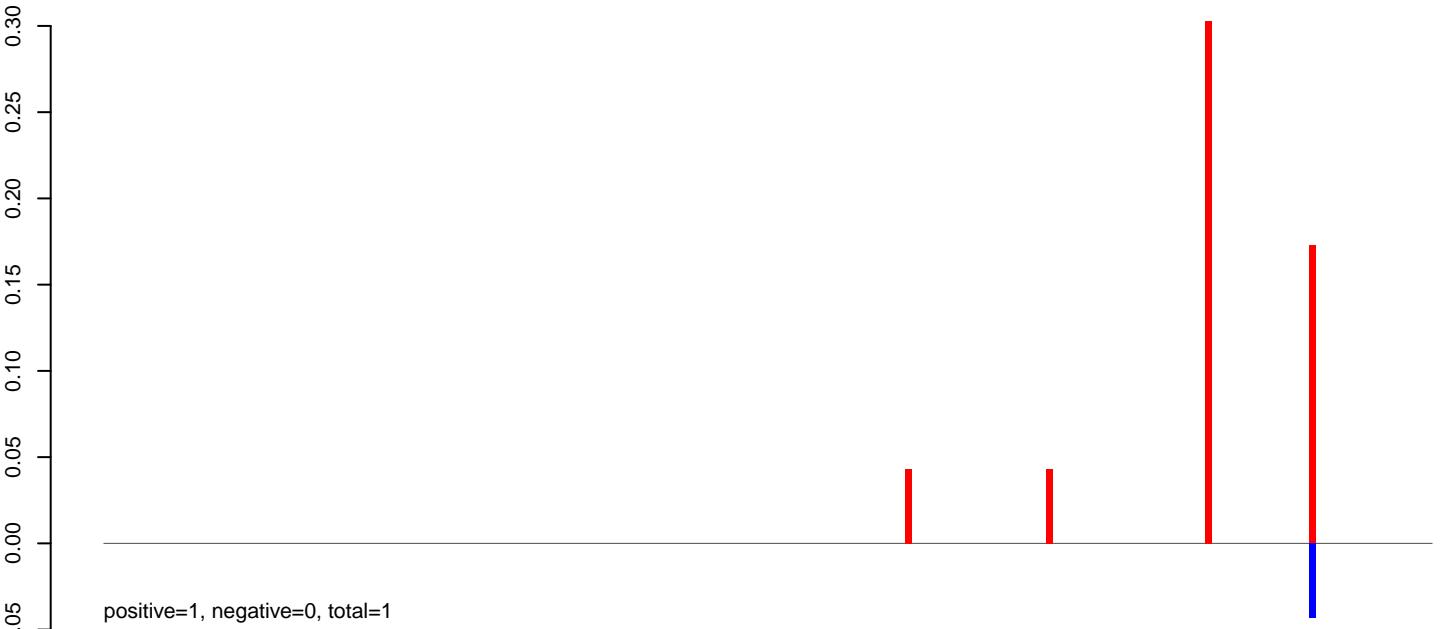
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



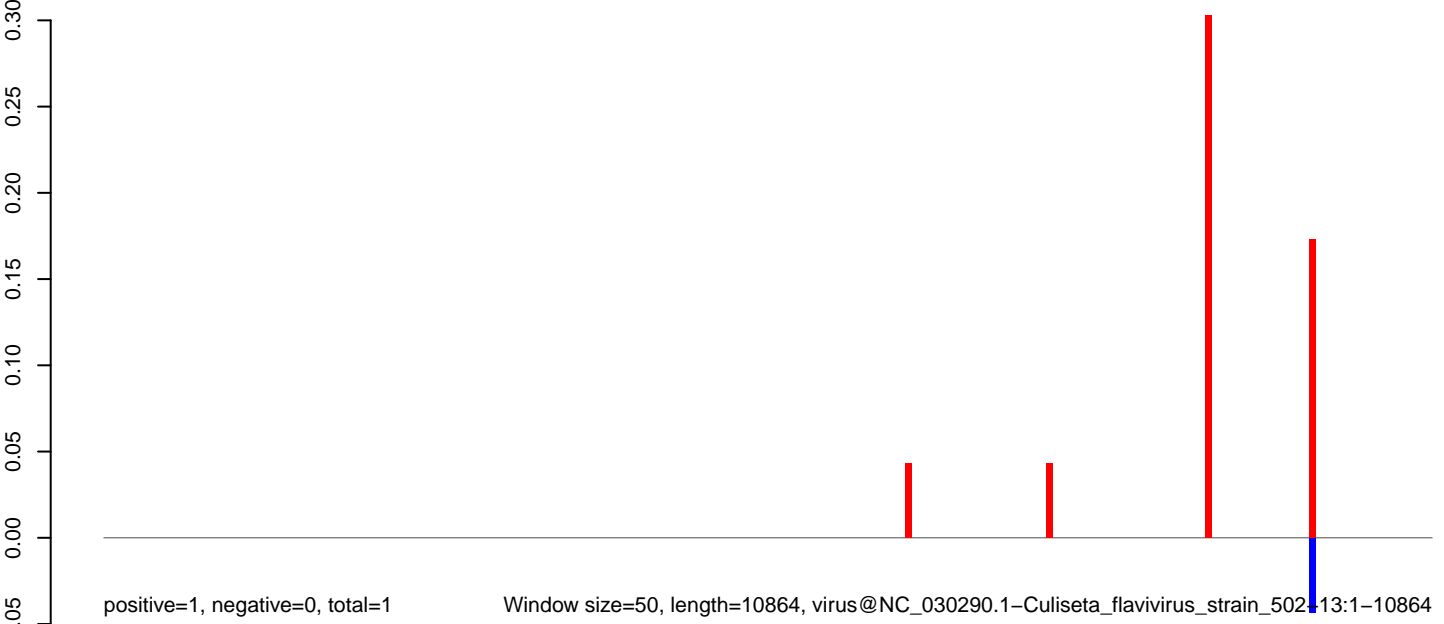
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



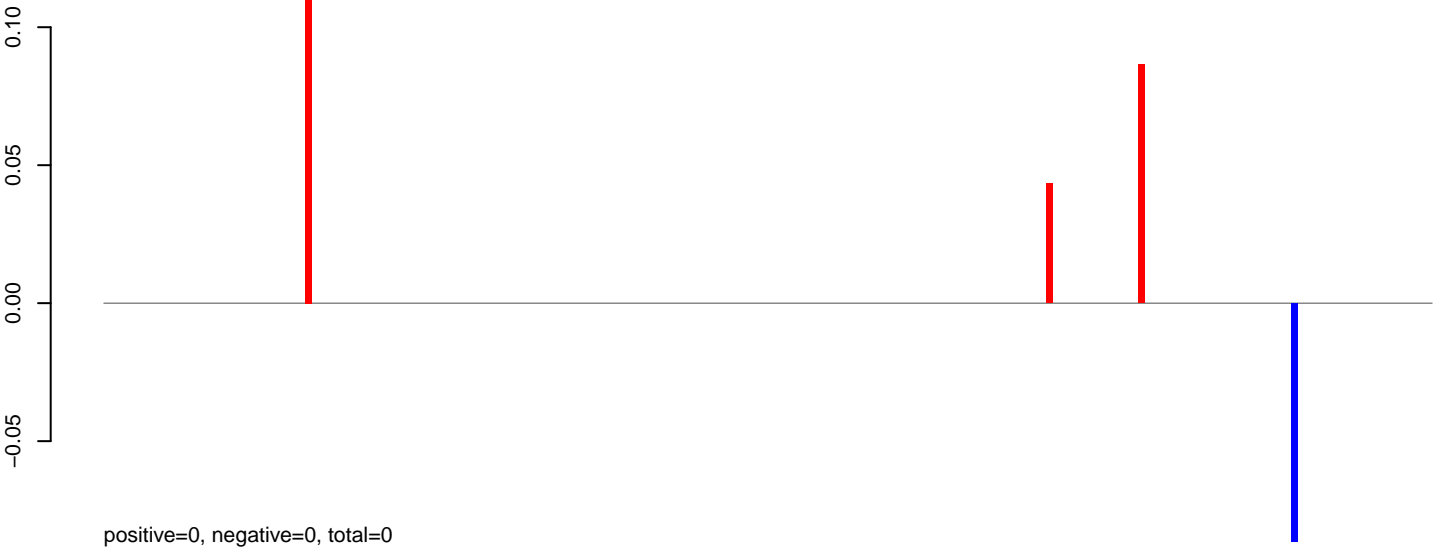
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



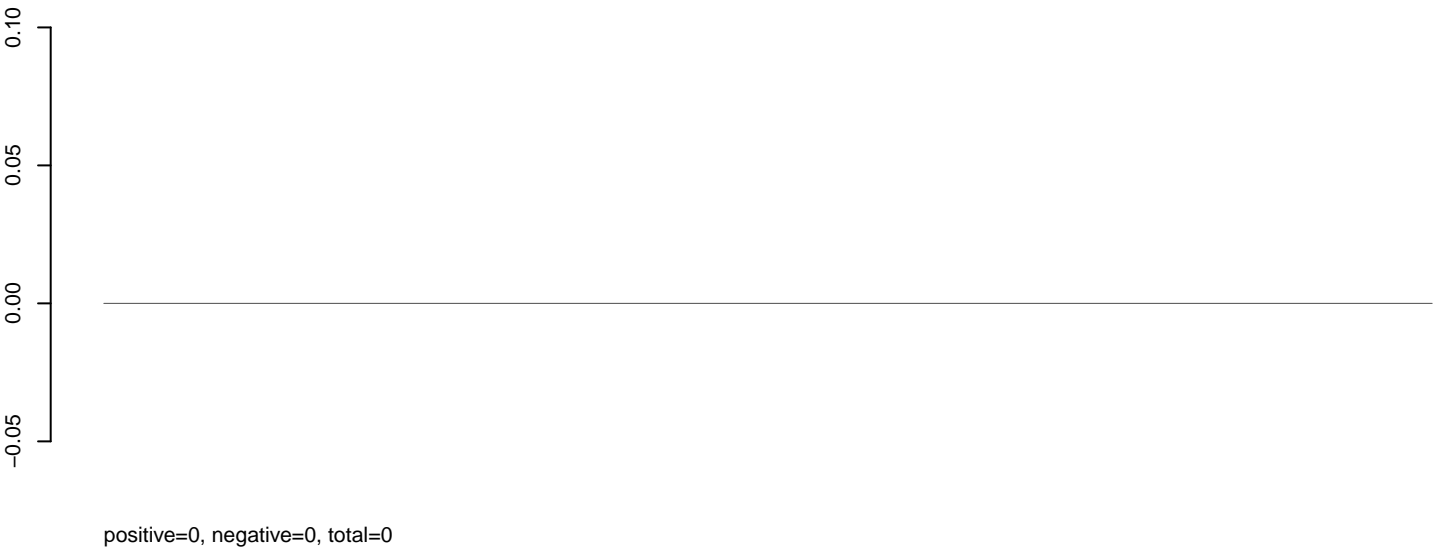
Window size=50, length=10864, virus@NC\_030290.1-Culiseta\_flavivirus\_strain\_502-13:1-10864

0 2000 4000 6000 8000 10000

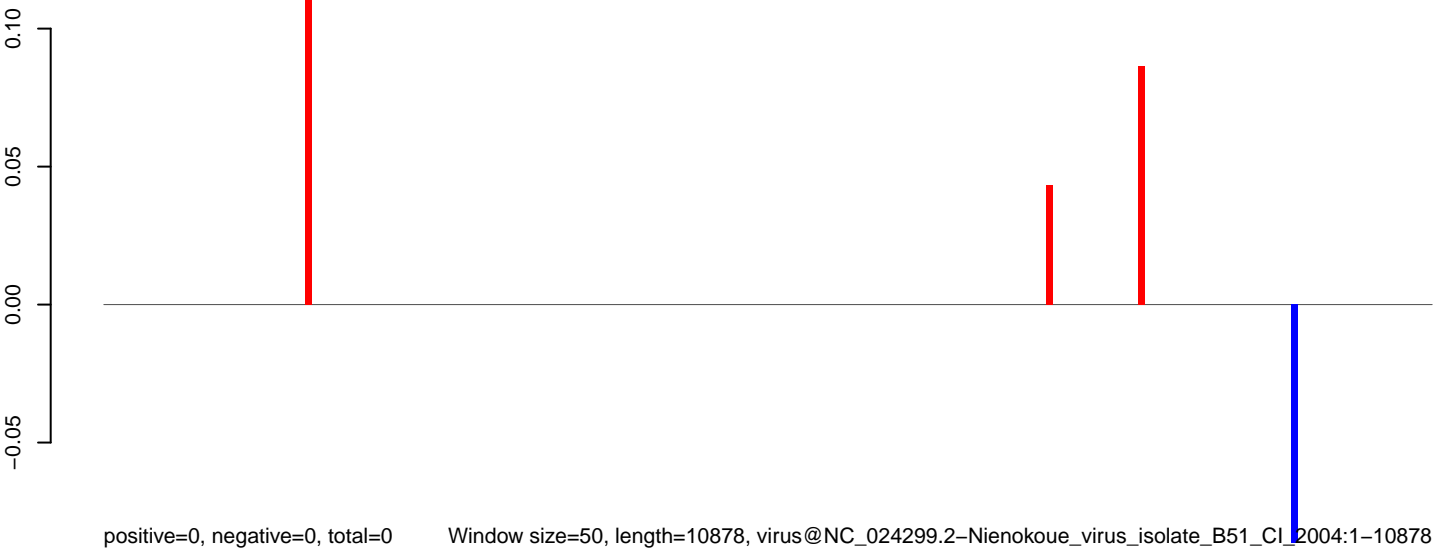
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

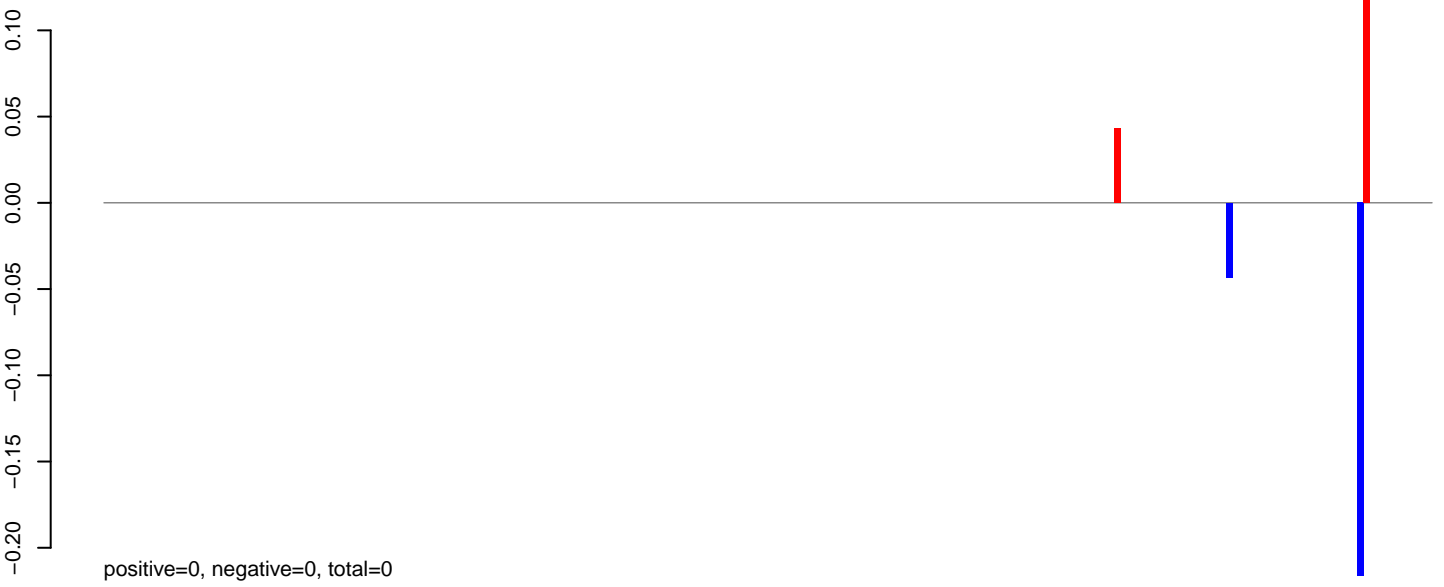


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

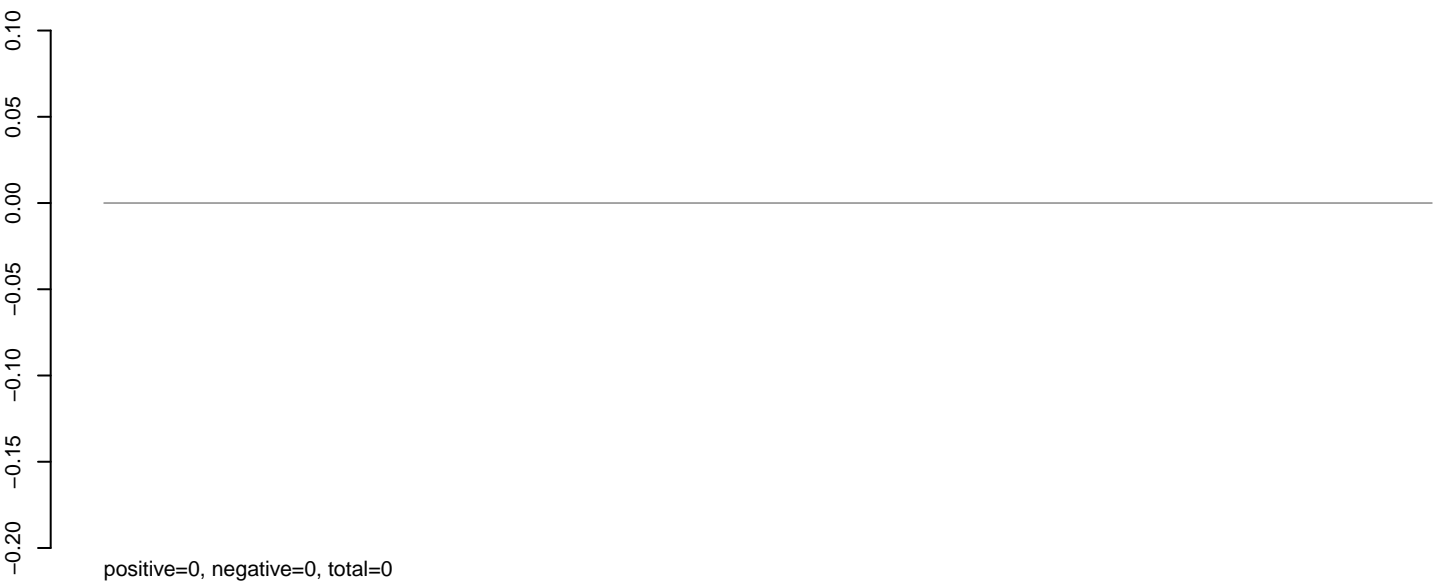




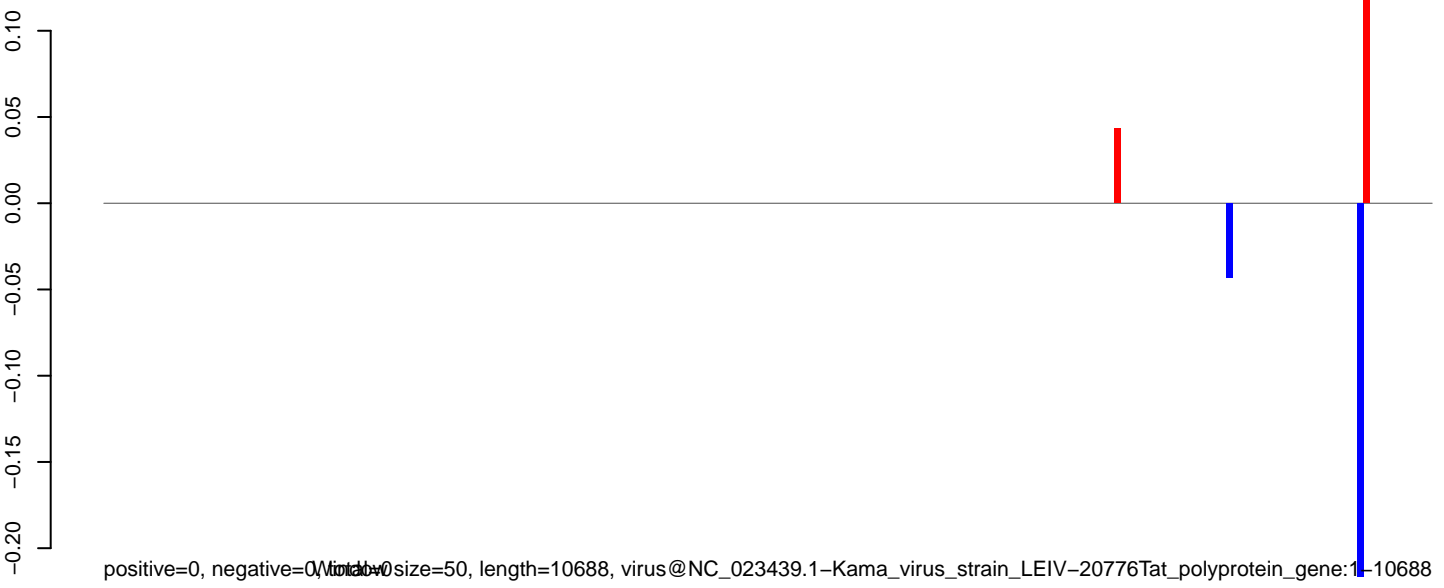
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



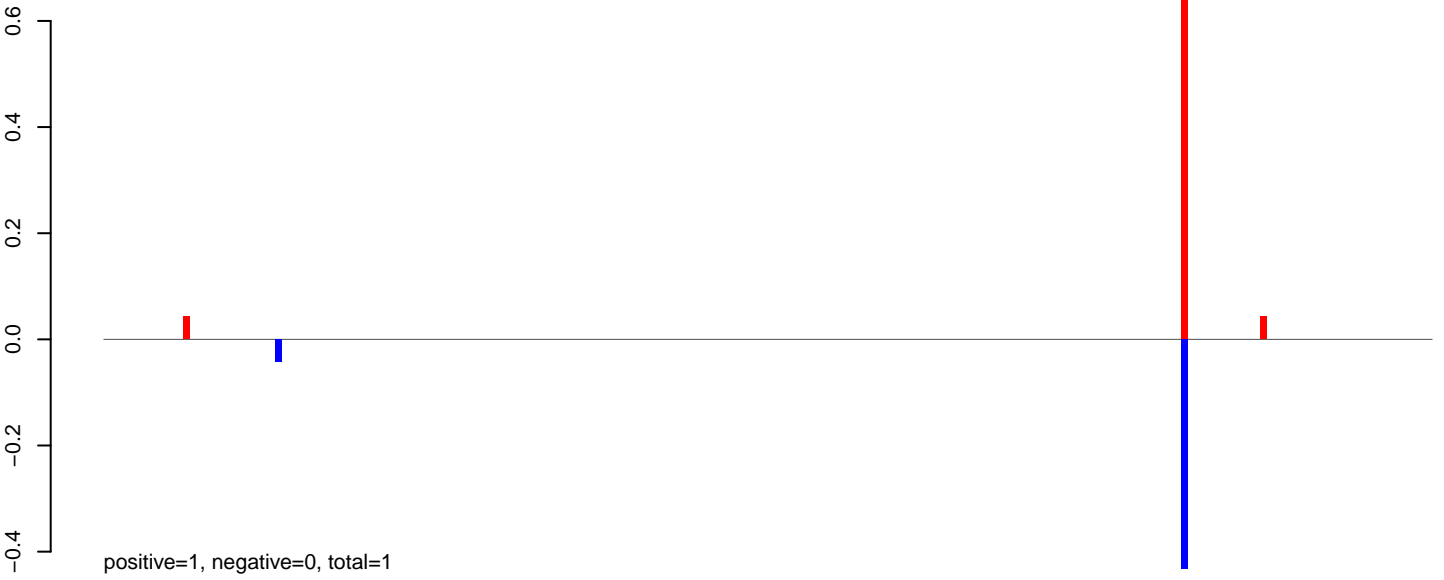
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



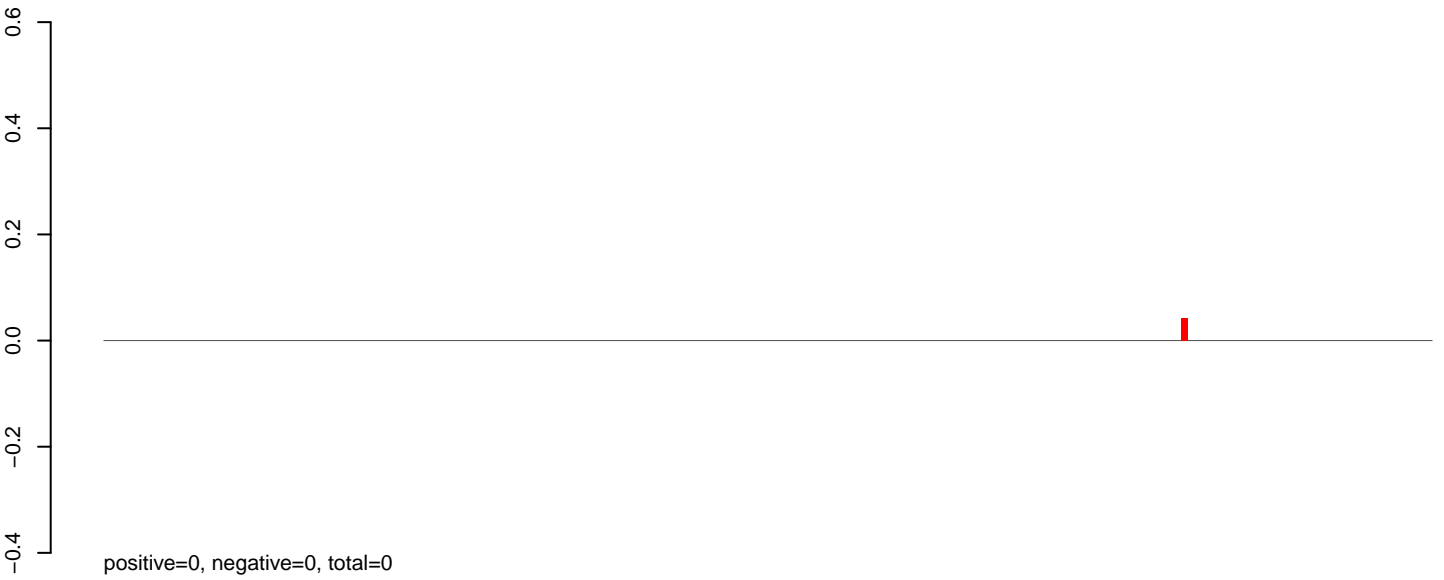
virus@NC\_023439.1-Kama\_virus\_strain\_LEIV-20776Tat\_polyprotein\_gene:1-10688

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



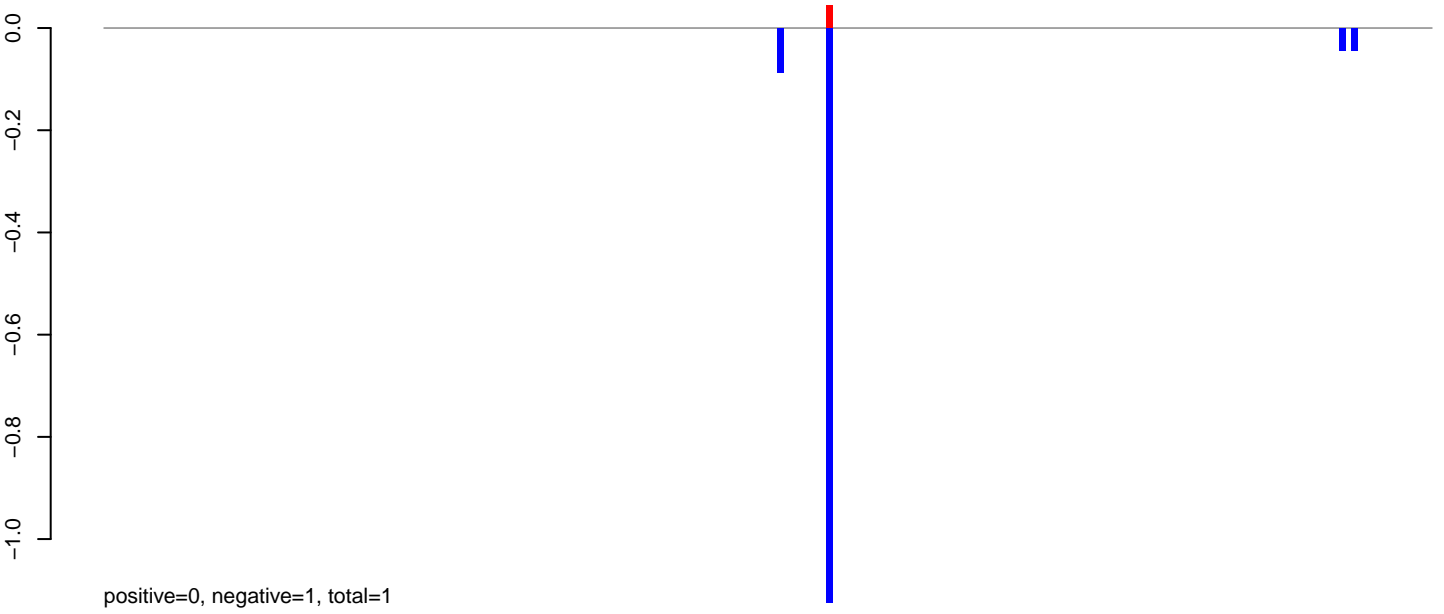
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



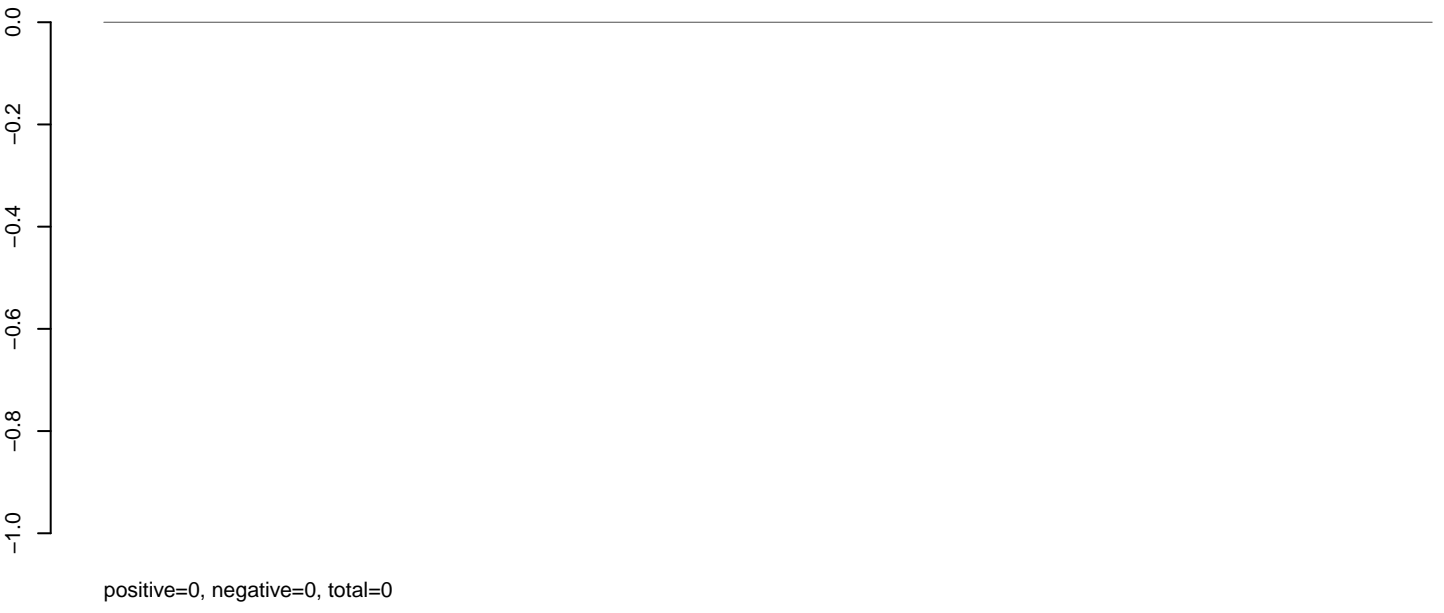
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



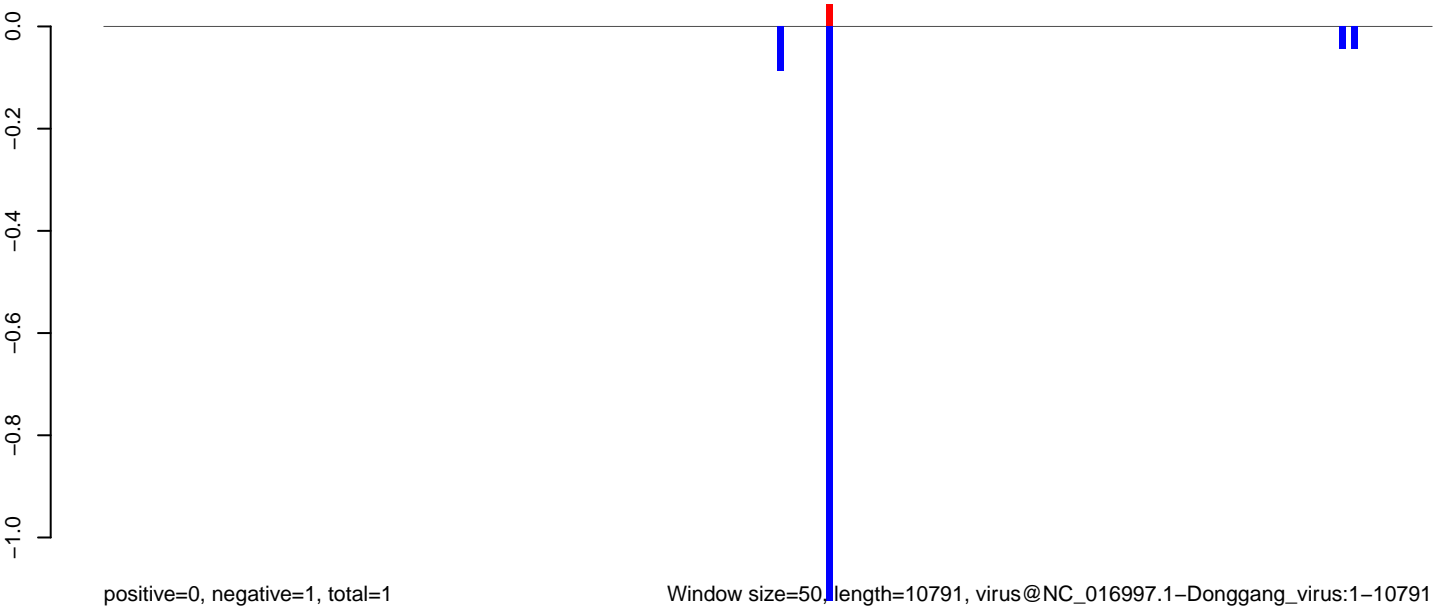
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



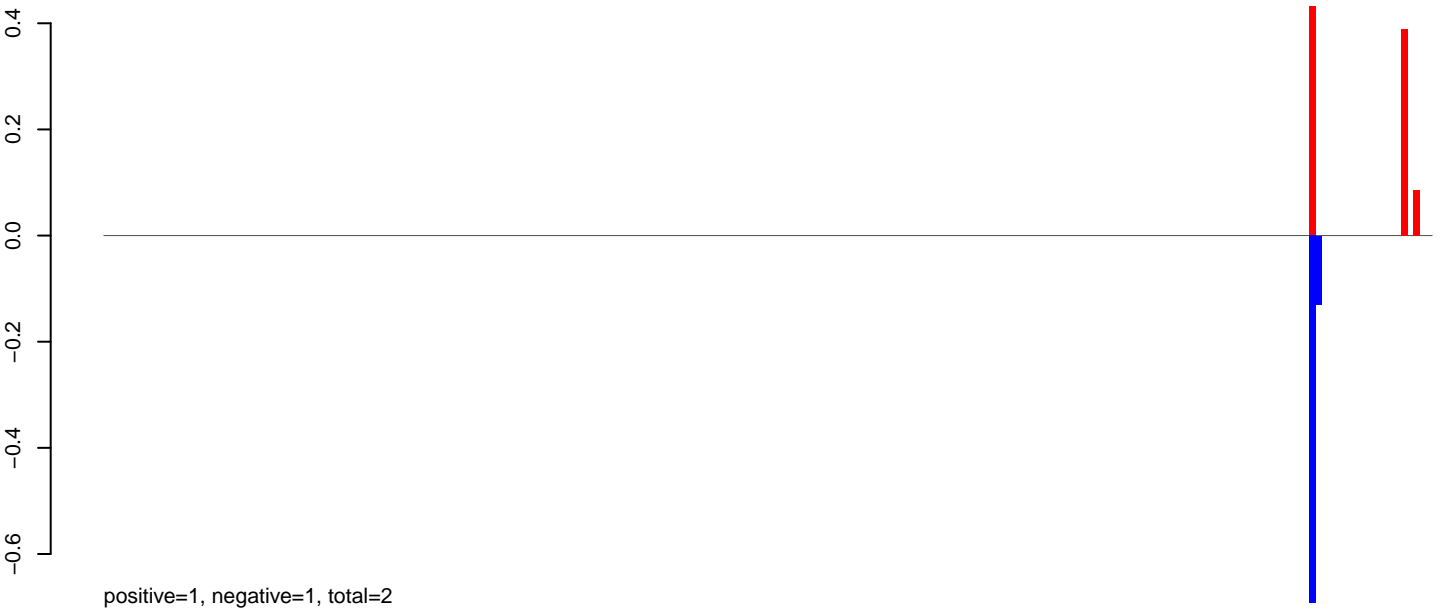
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



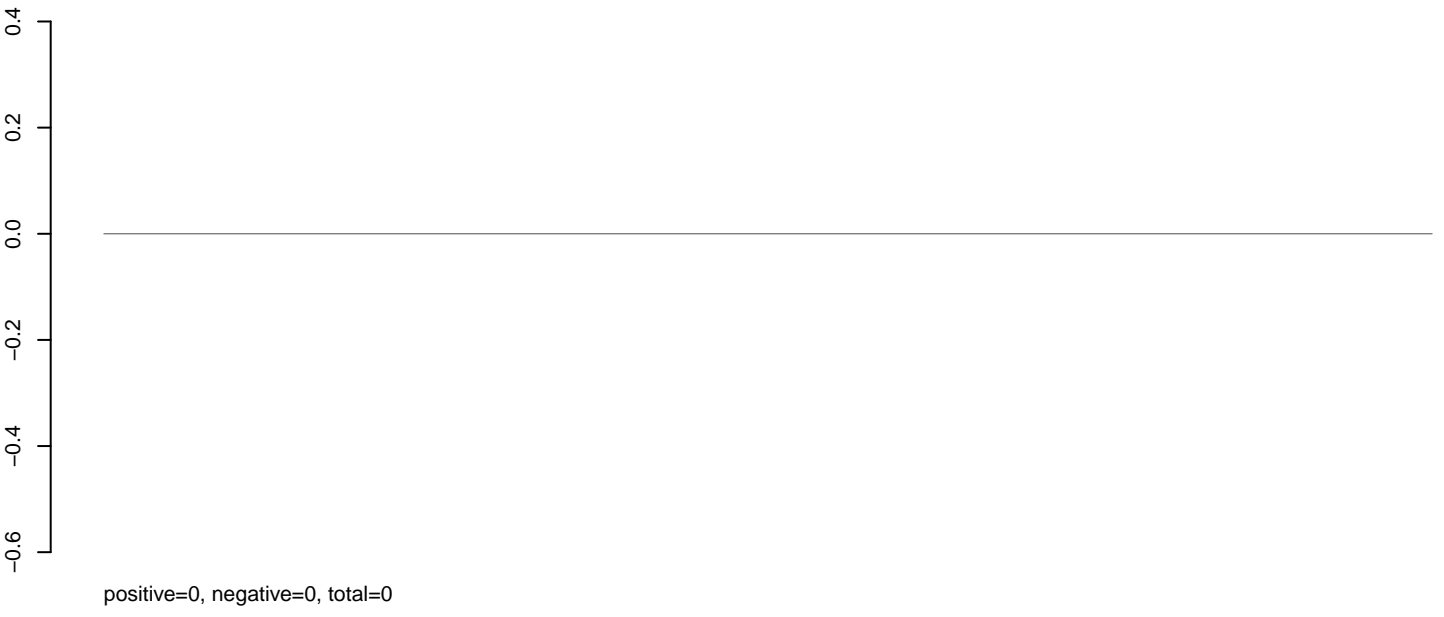
Window size=50, length=10791, virus@NC\_016997.1-Donggang\_virus:1-10791

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



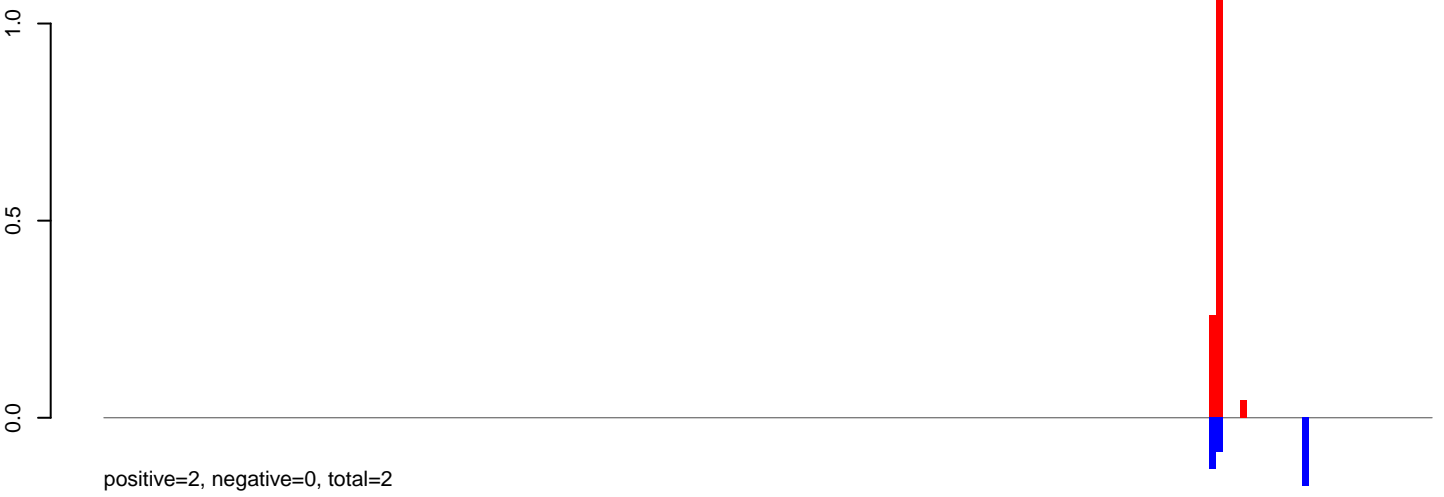
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



Window size=50, length=10874, virus@NC\_009029.2-Kokobera\_virus:1-10874

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV3\_rep2.24\_35.rep**



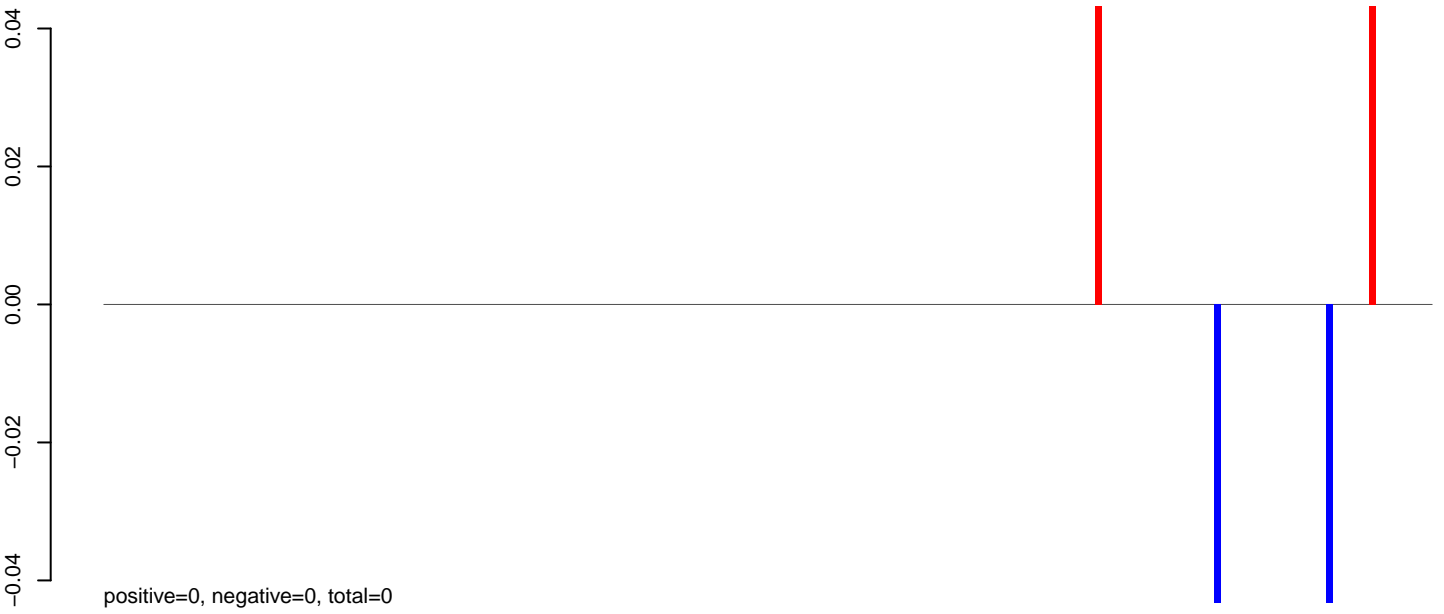
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.rep**



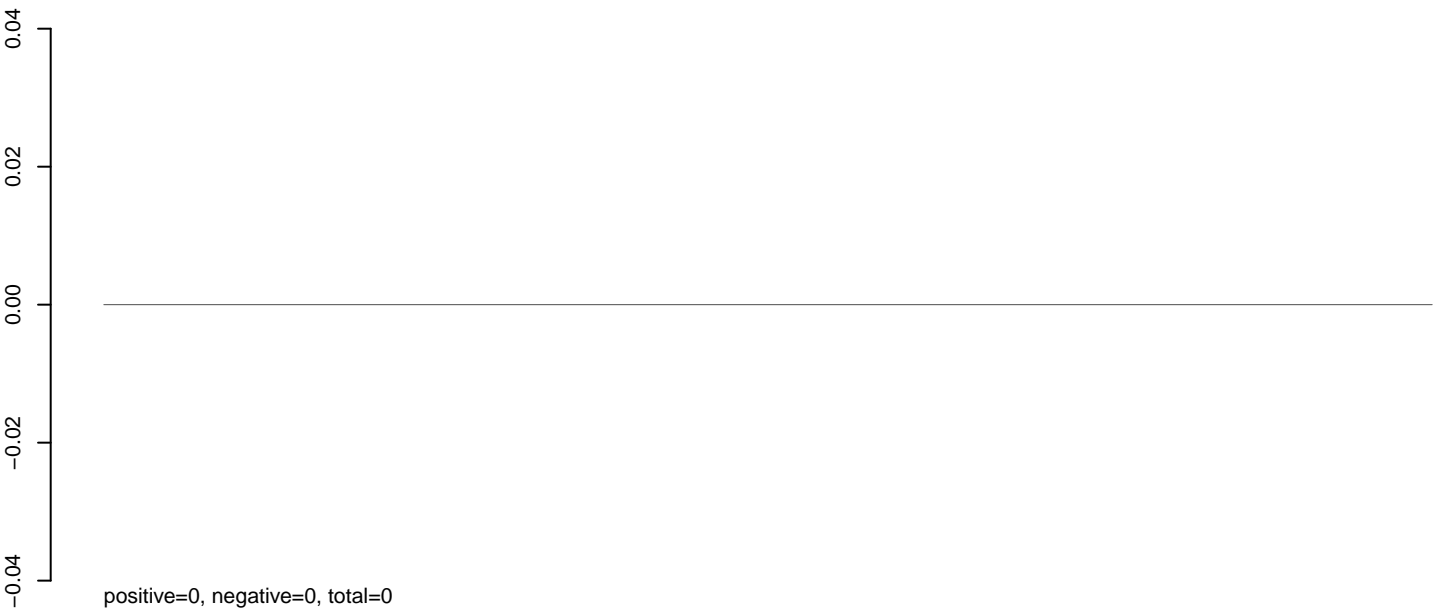
Window size=50, length=10793, virus@NC\_008719.1-Sepik\_virus:1-10793

0 2000 4000 6000 8000 10000

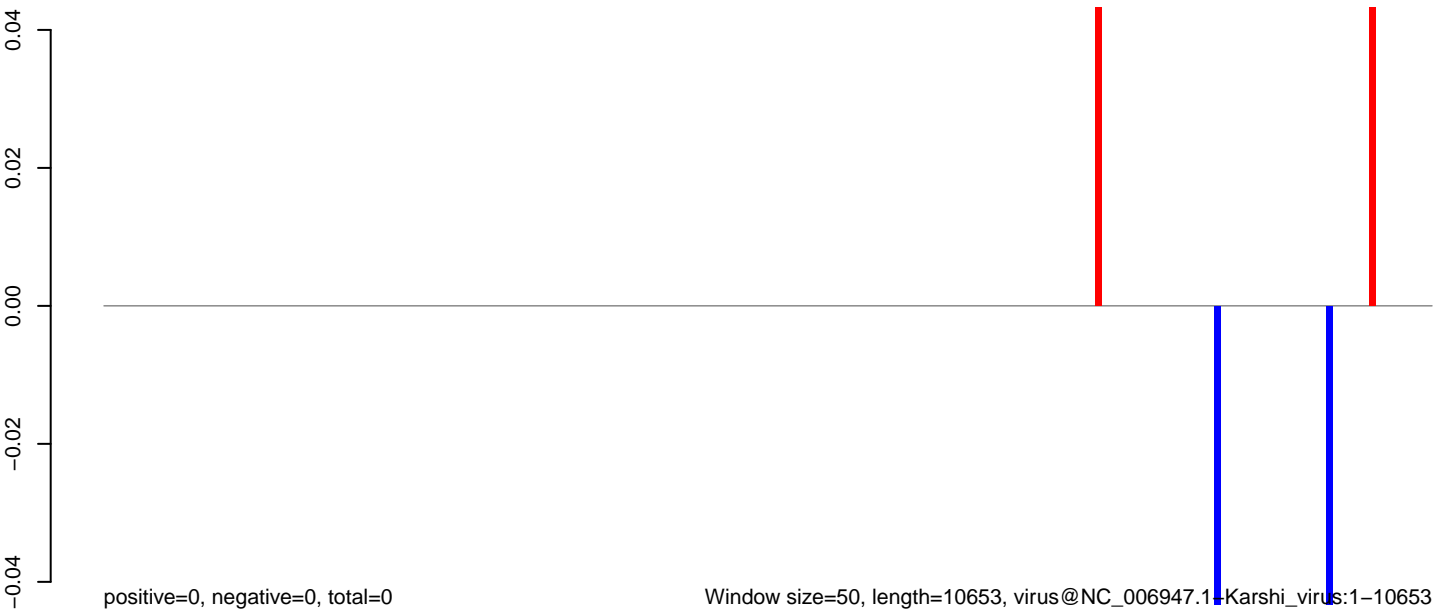
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



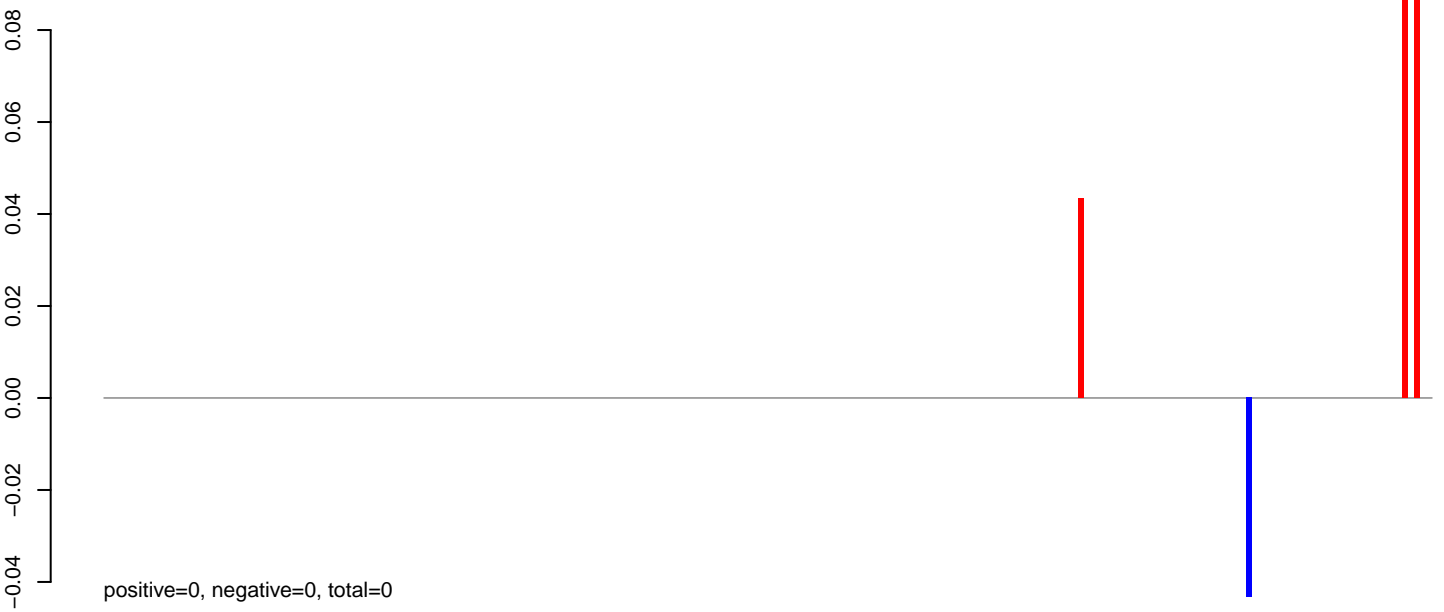
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



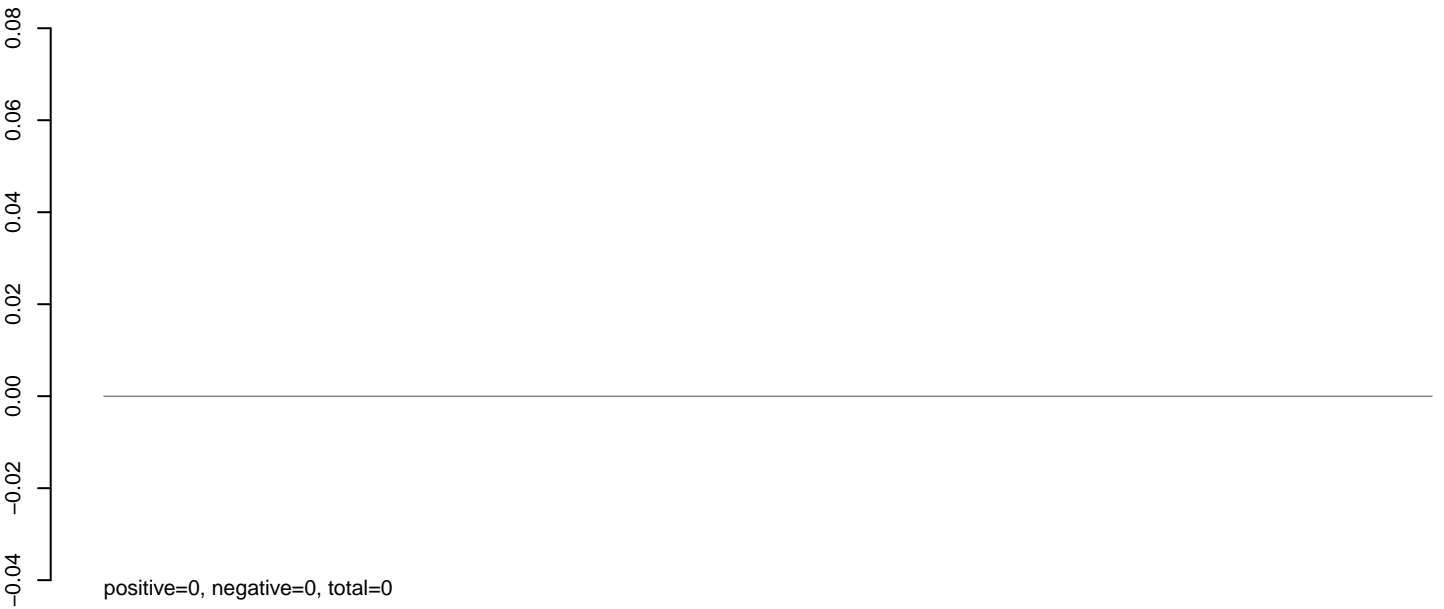
Window size=50, length=10653, virus@NC\_006947.1-Karshi\_virus:1-10653

0 2000 4000 6000 8000 10000

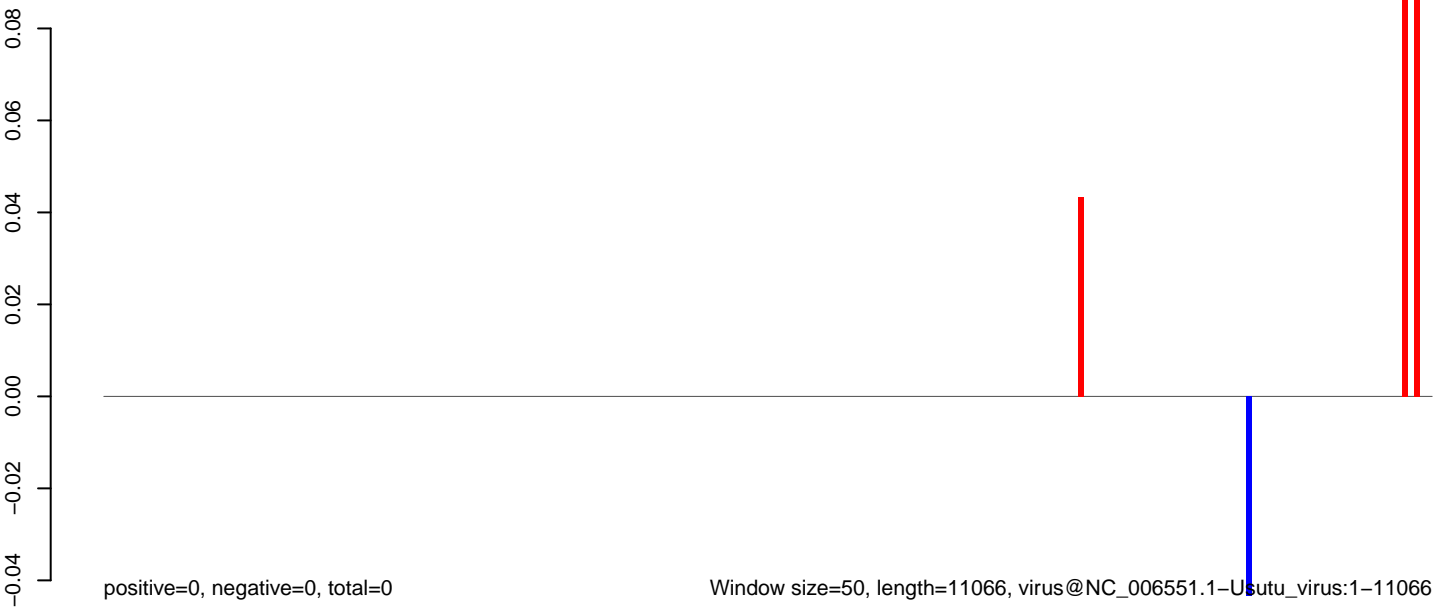
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

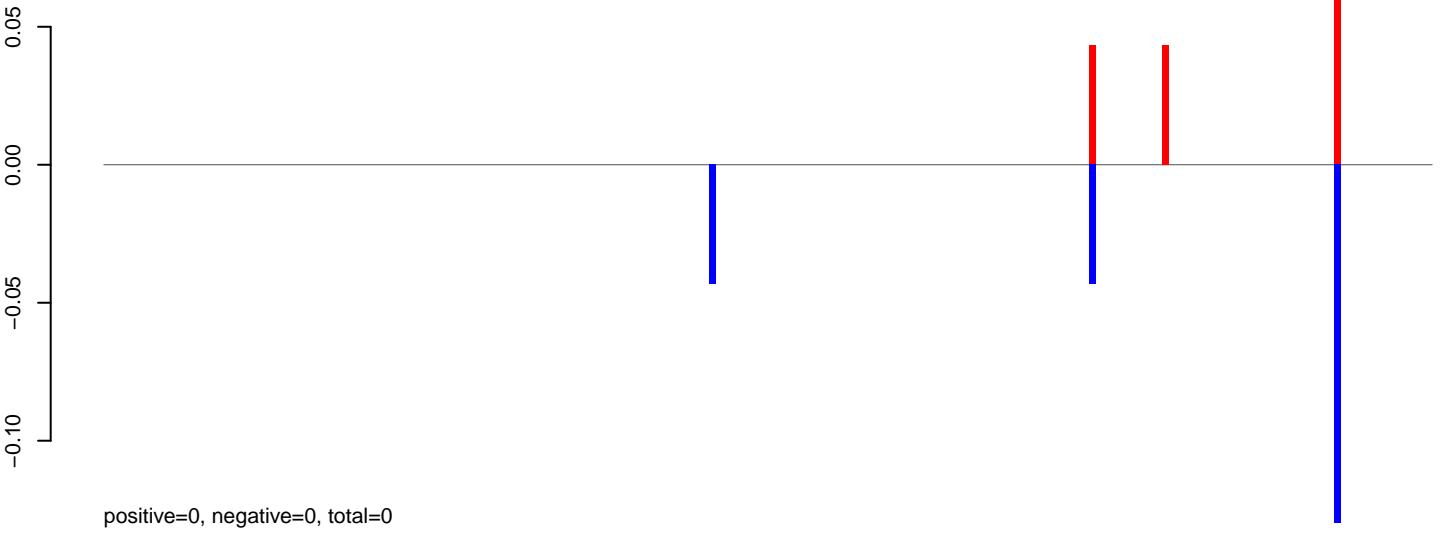


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

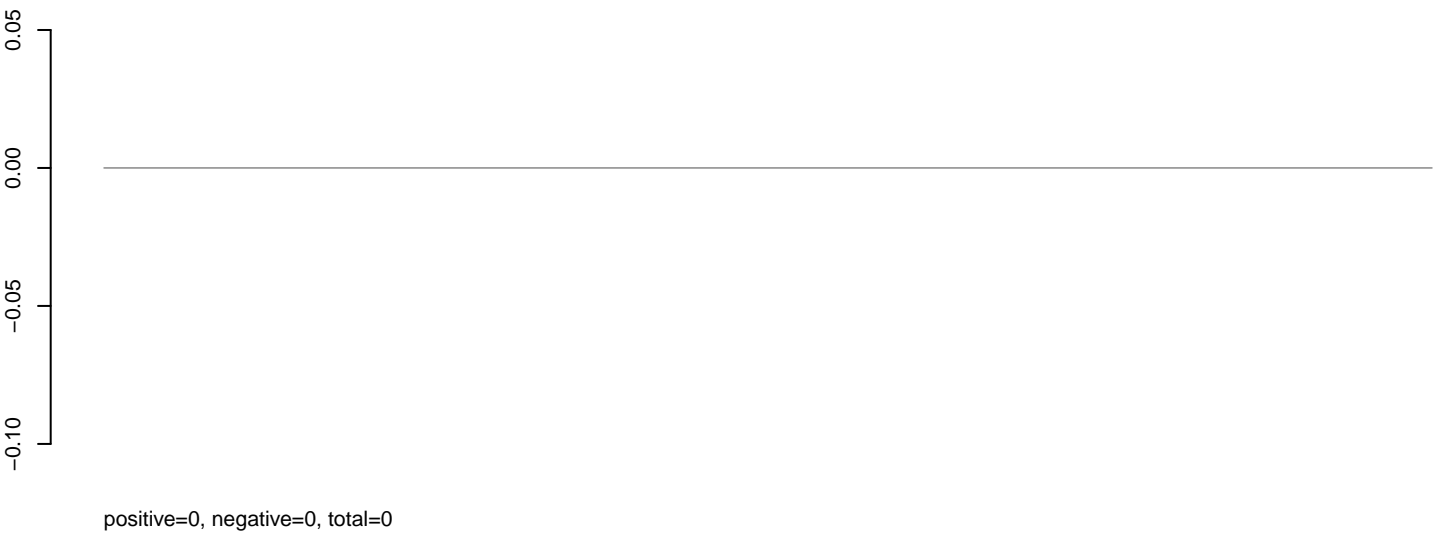


0 2000 4000 6000 8000 10000

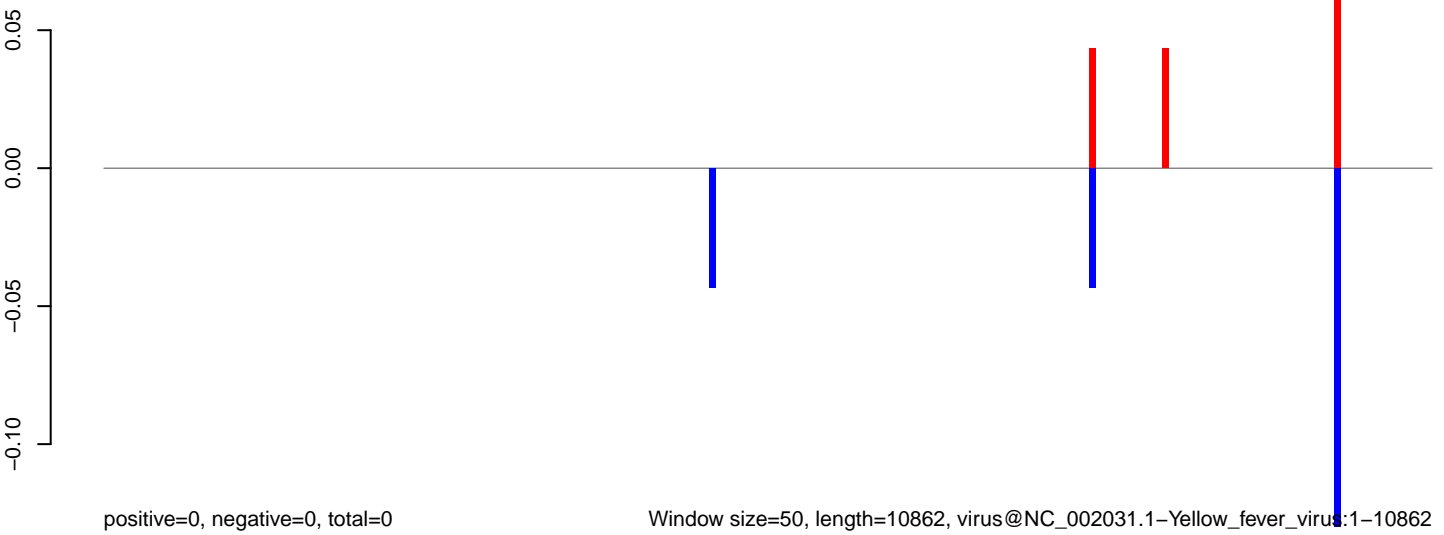
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

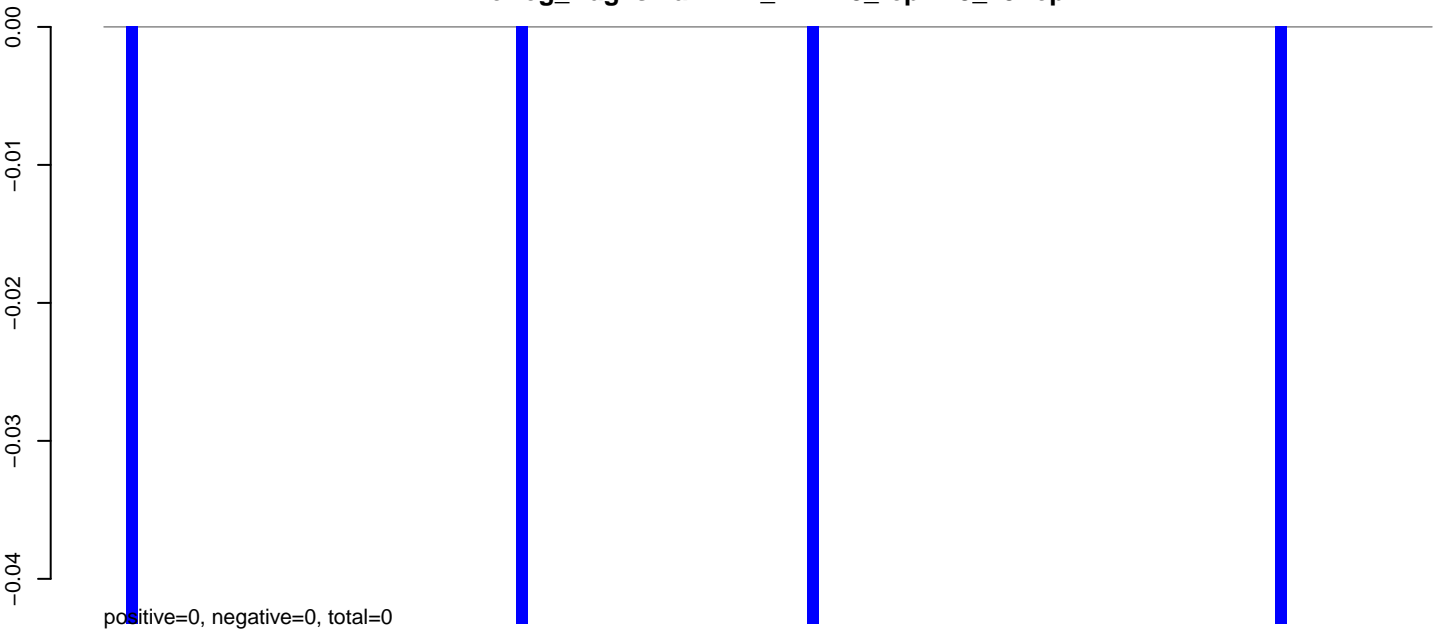


Window size=50, length=10862, virus@NC\_002031.1-Yellow\_fever\_virus:1-10862

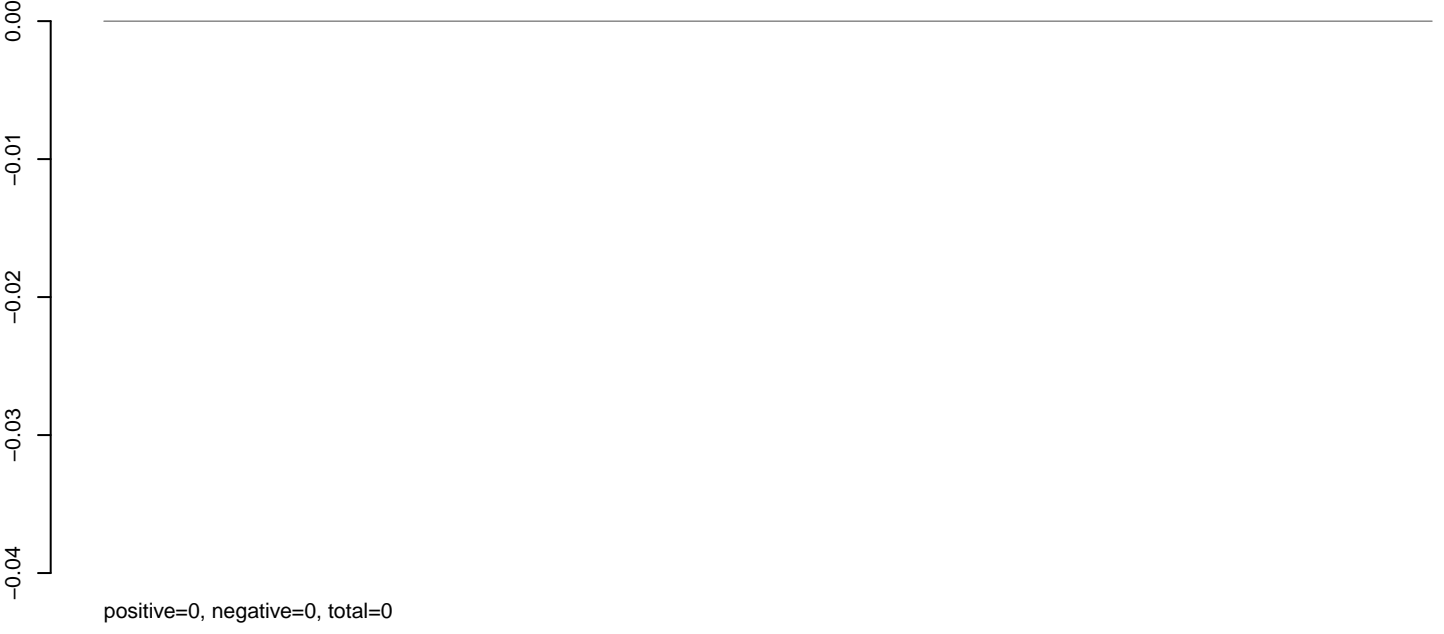
0 2000 4000 6000 8000 10000



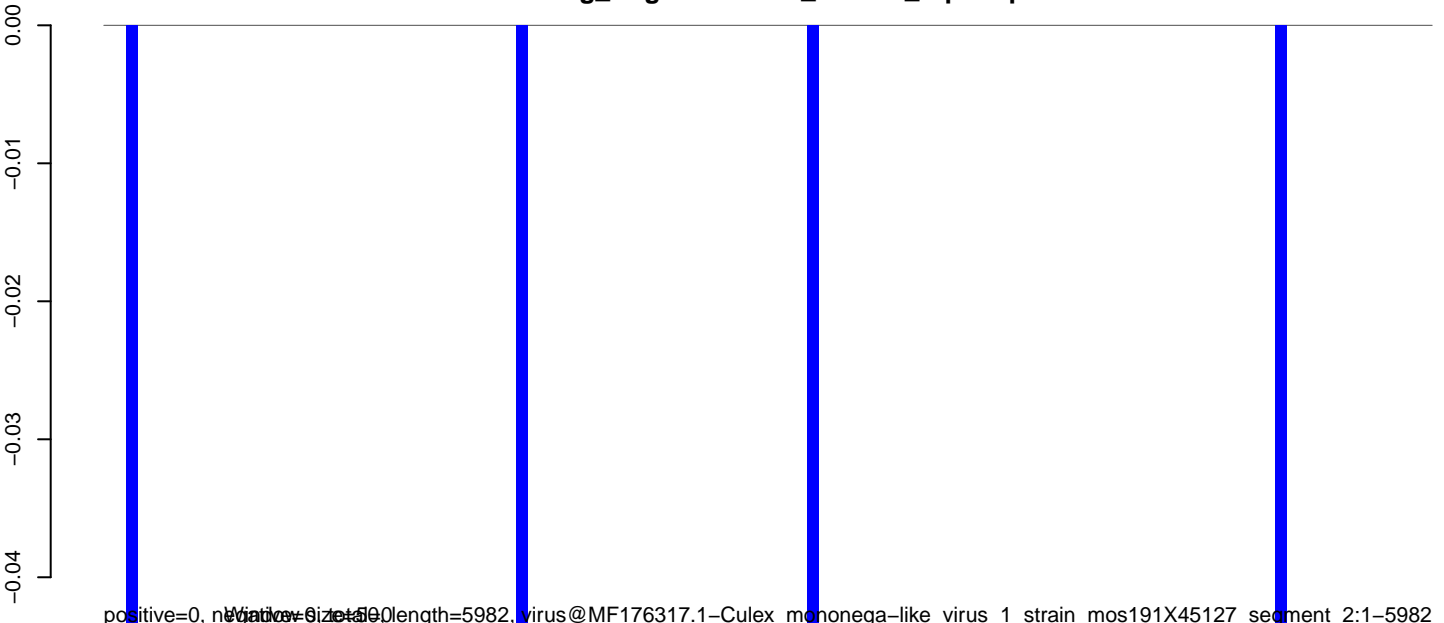
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

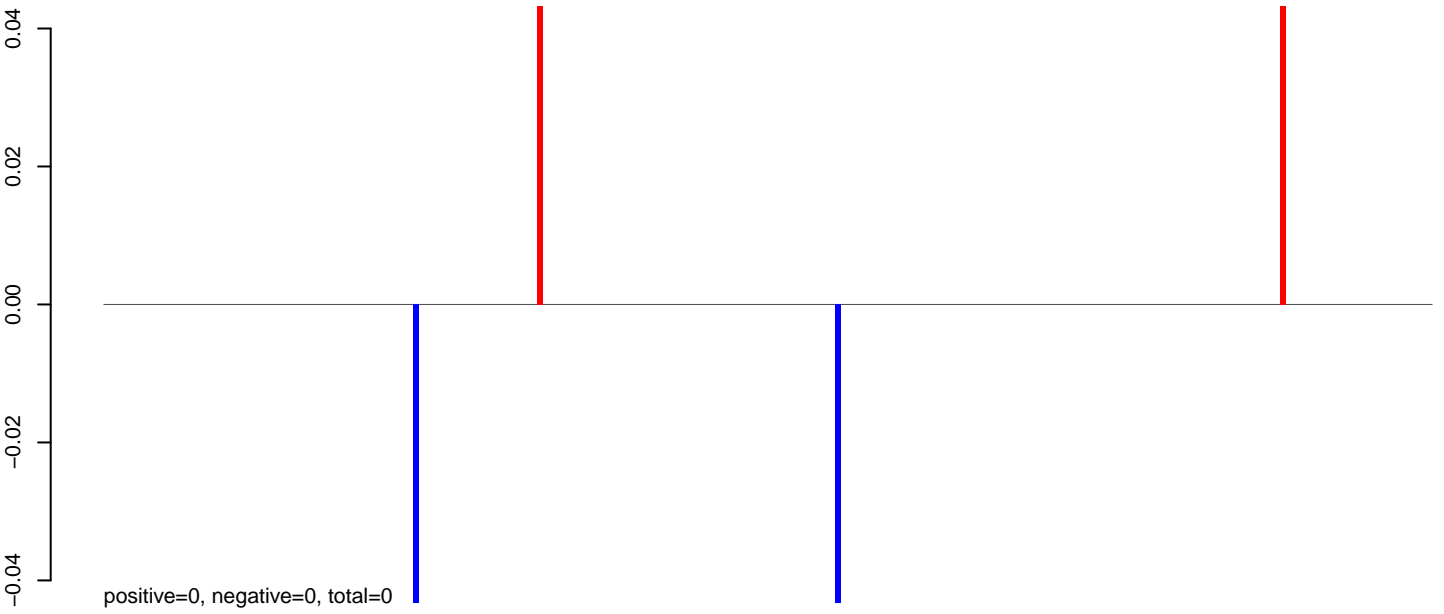


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

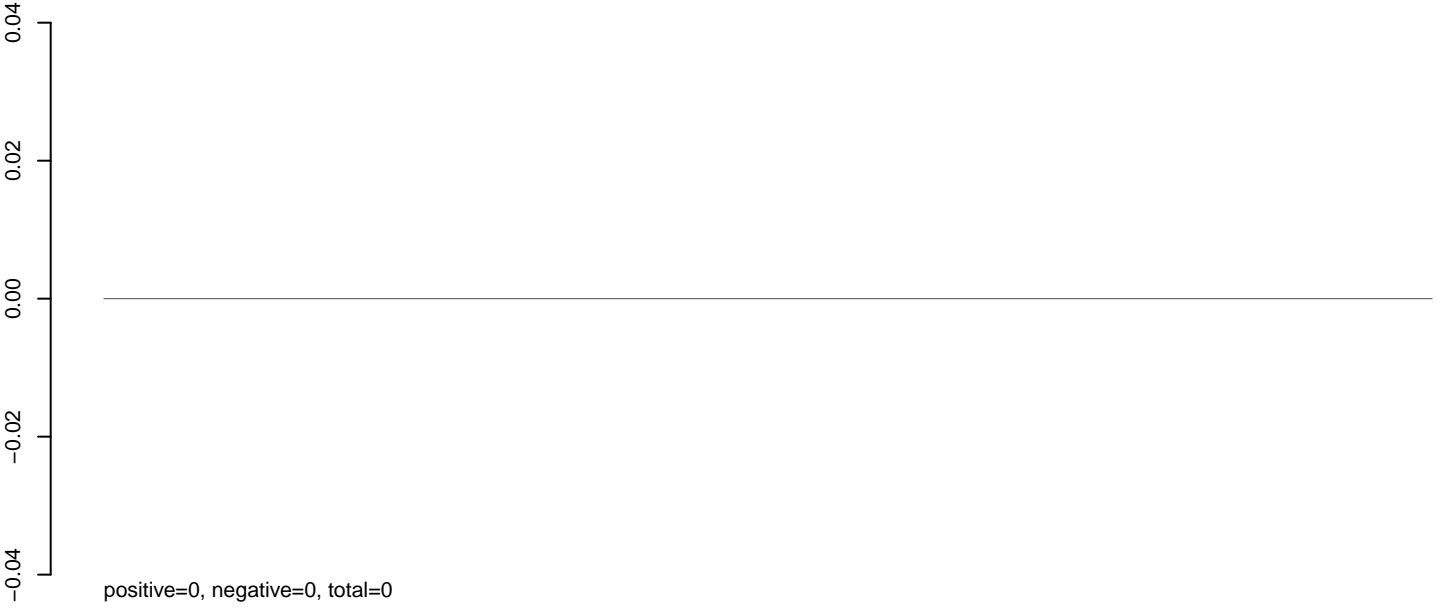


Wgatus-size=5982, length=5982, virus@MF176317.1-Culex\_mohonega-like\_virus\_1\_strain\_mos191X45127\_segment\_2:1-5982

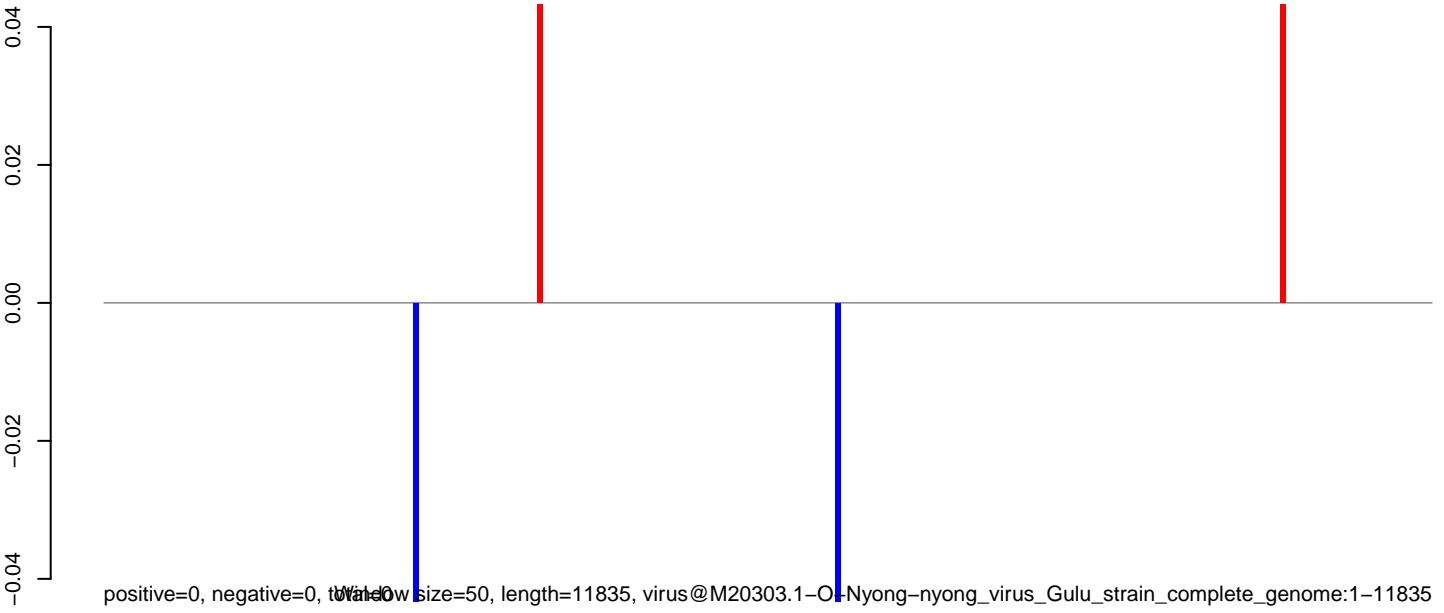
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



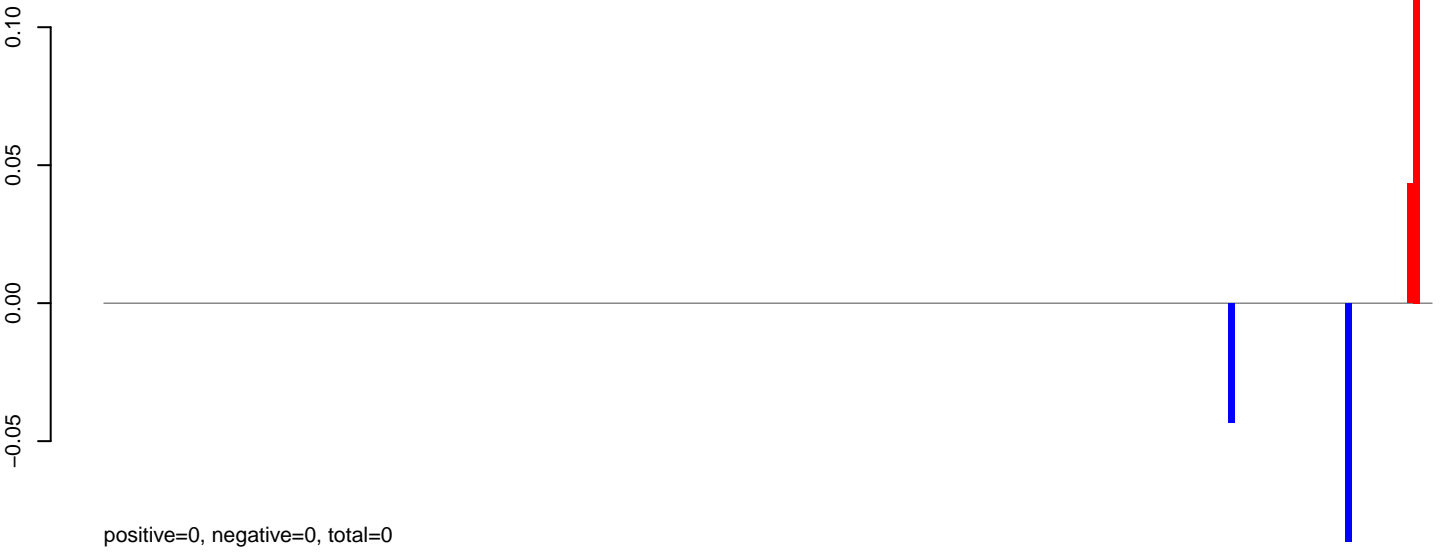
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



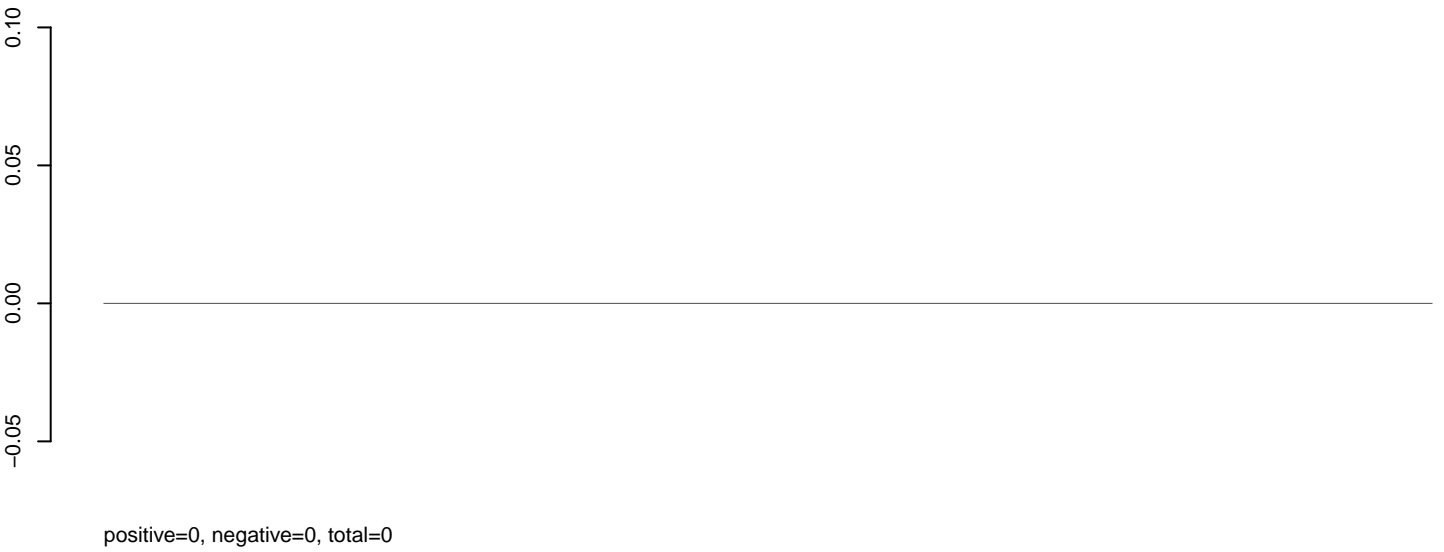
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



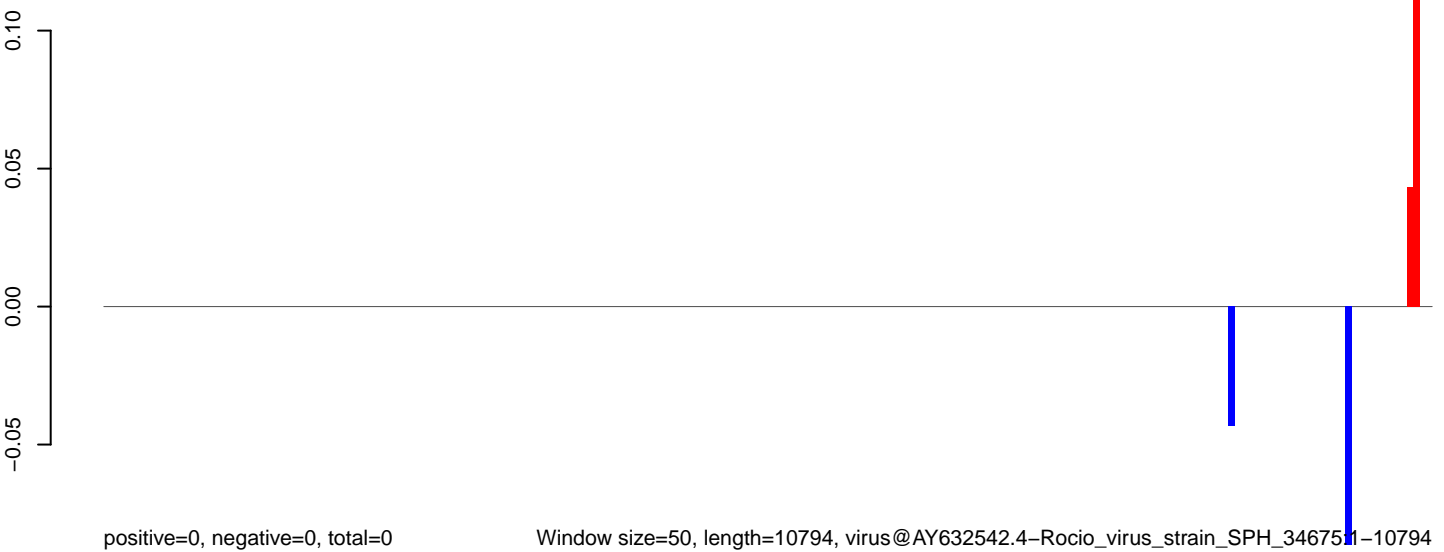
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



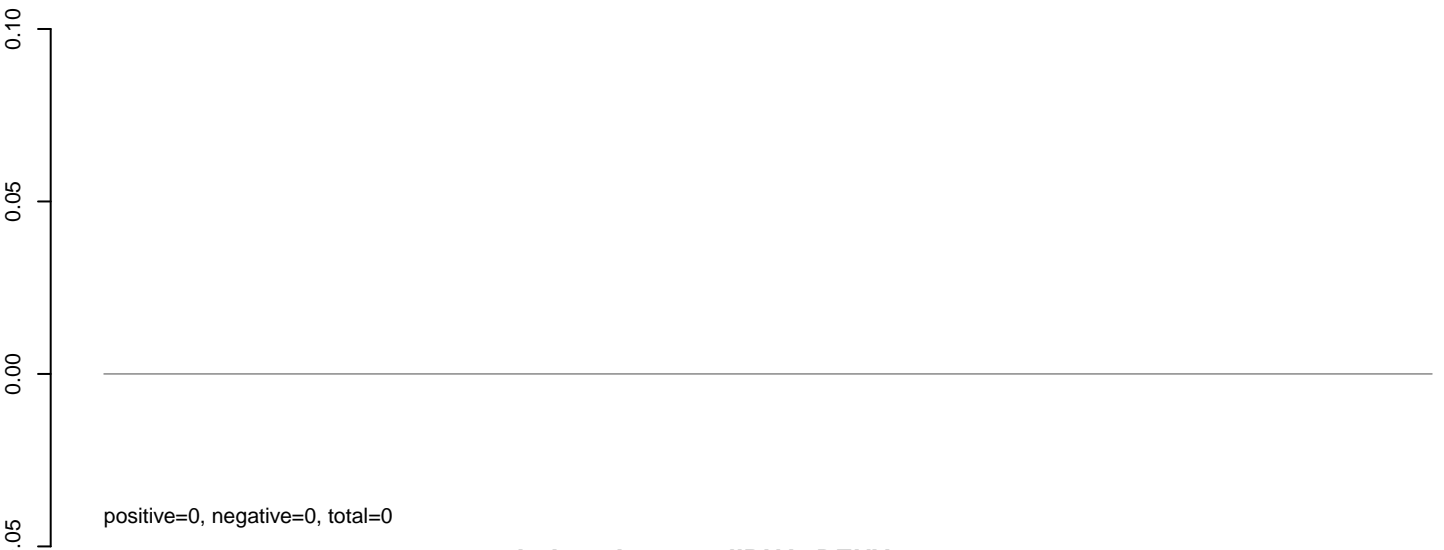
Window size=50, length=10794, virus@AY632542.4-Rocio\_virus\_strain\_SPH\_3467511-10794

0 2000 4000 6000 8000 10000

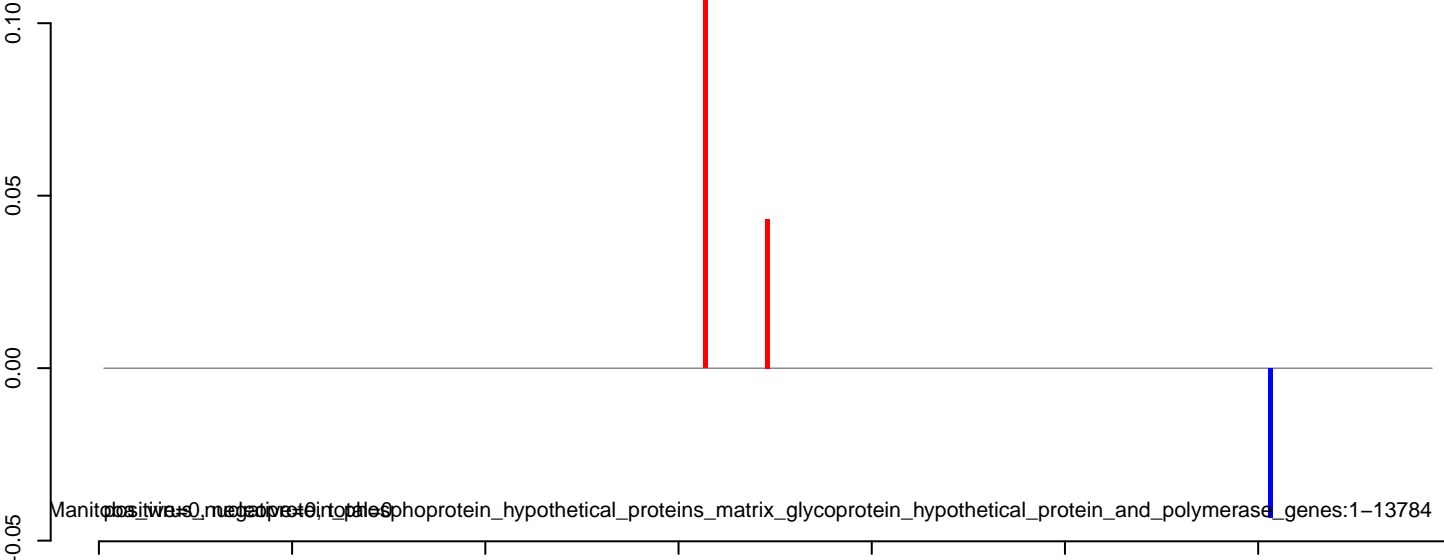
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



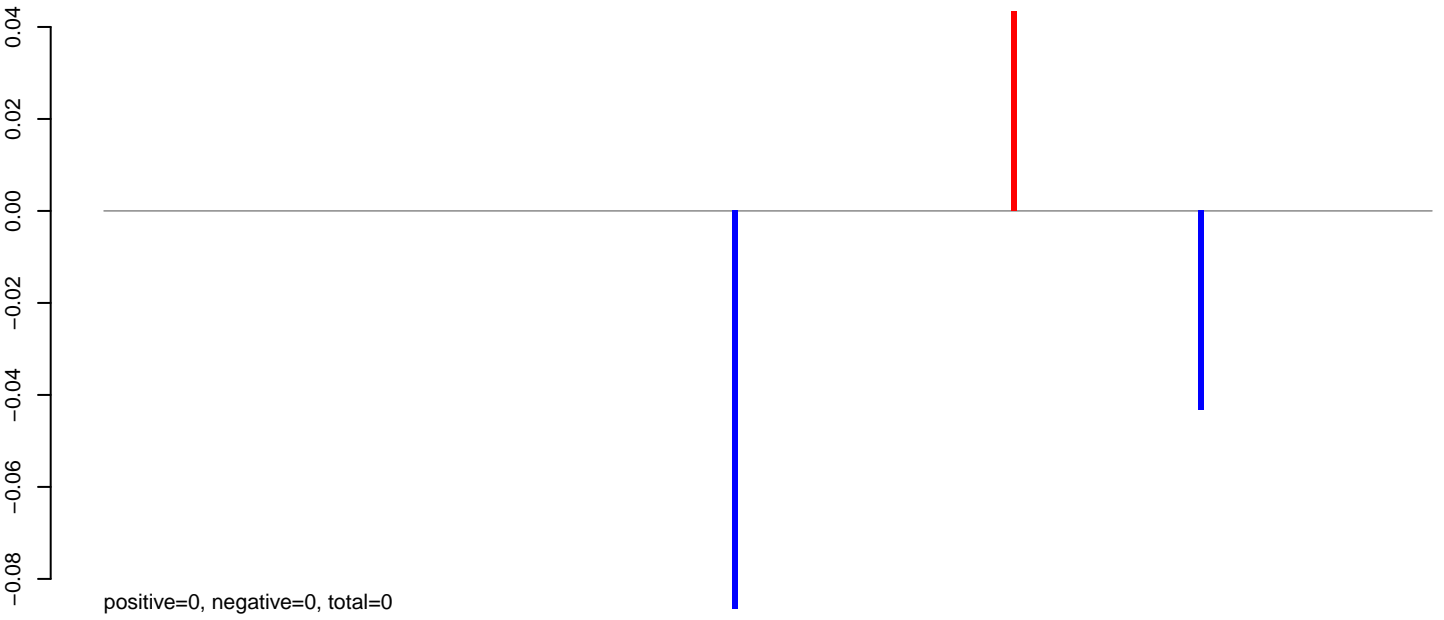
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



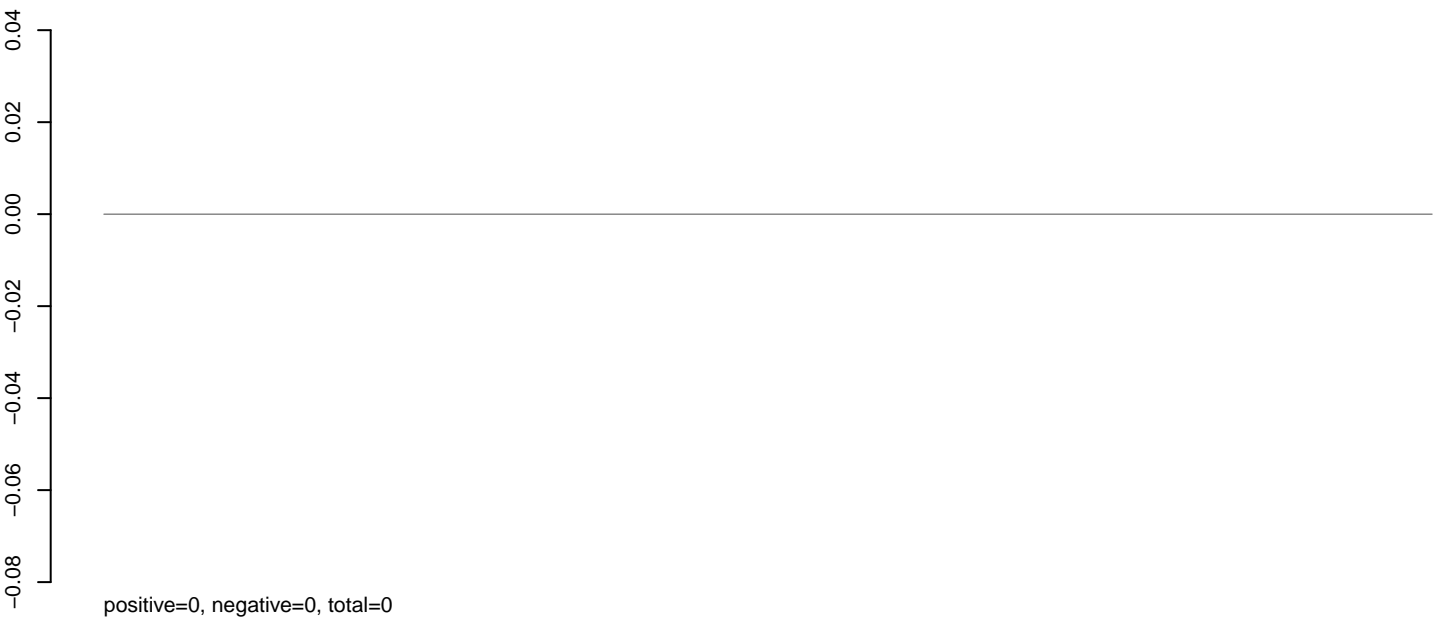
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



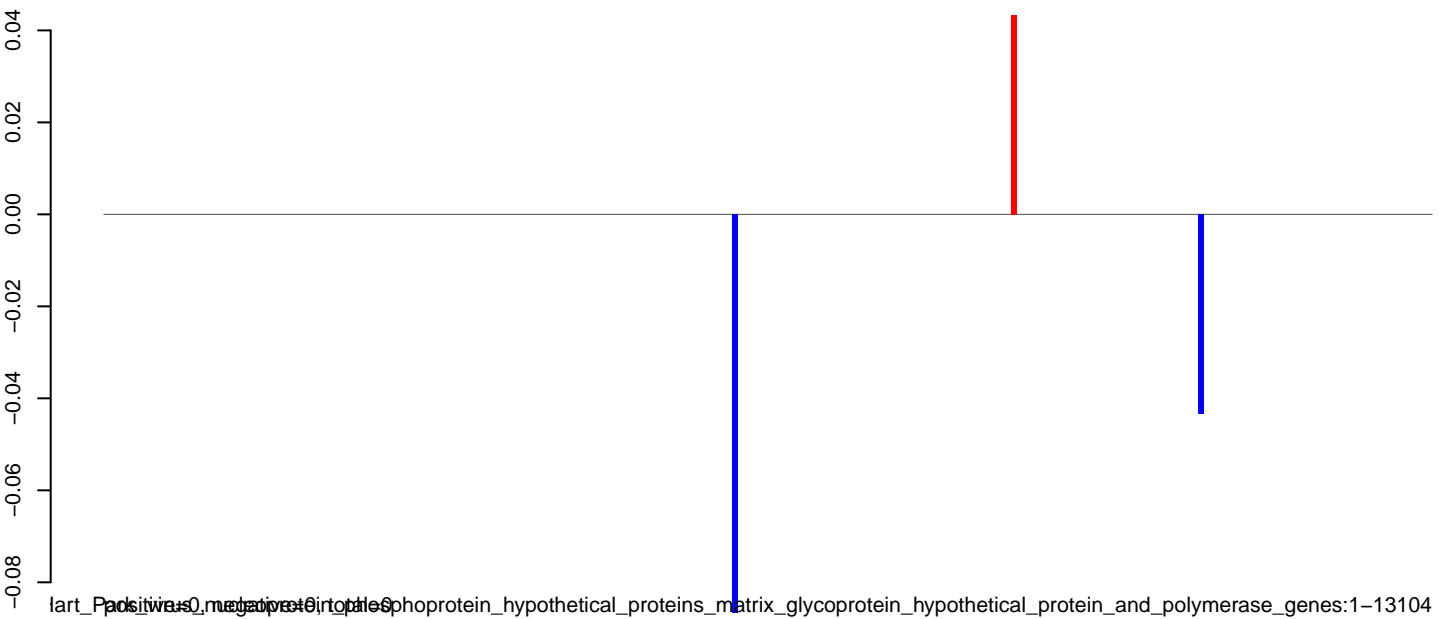
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



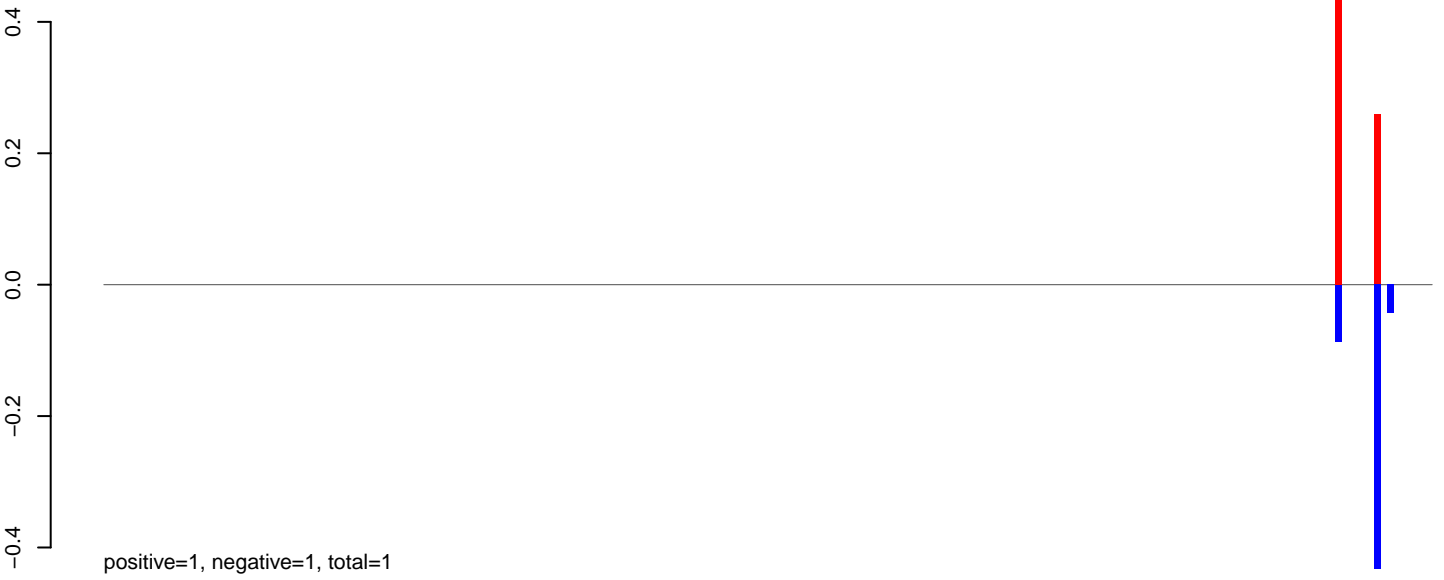
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



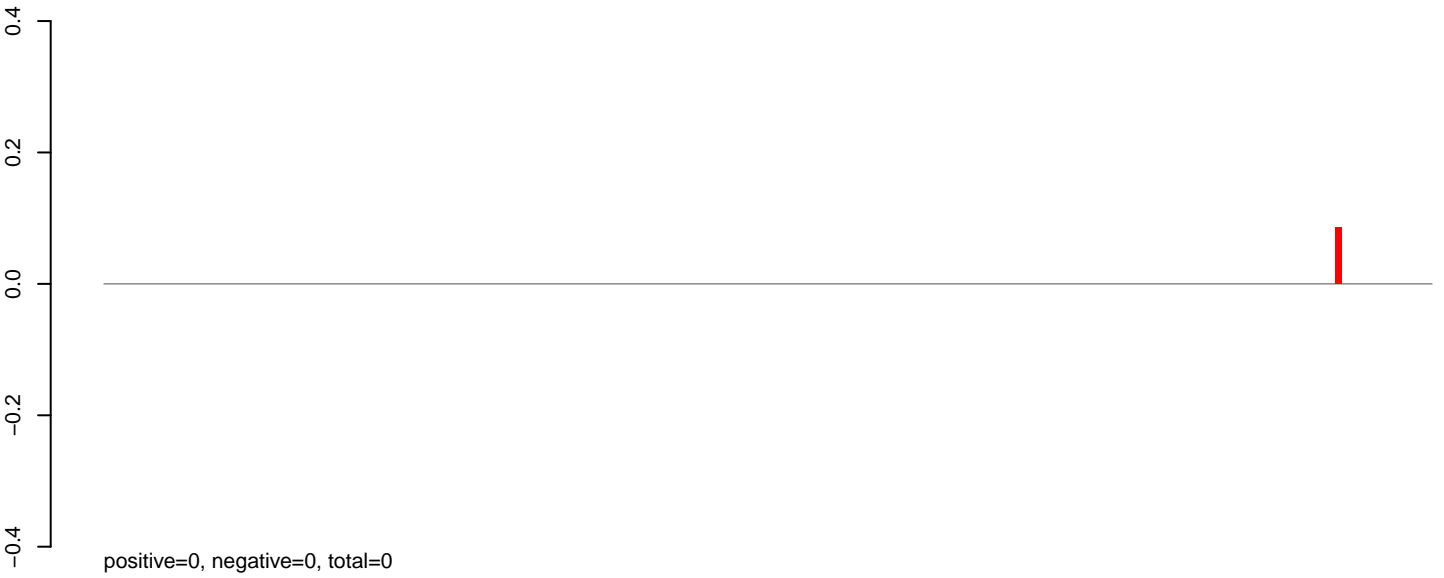
part\_positive=0, negative=0, total=0 phosphoprotein\_hypothetical\_proteins\_matrix\_glycoprotein\_hypothetical\_protein\_and\_polymerase\_genes:1-13104

0 2000 4000 6000 8000 10000 12000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



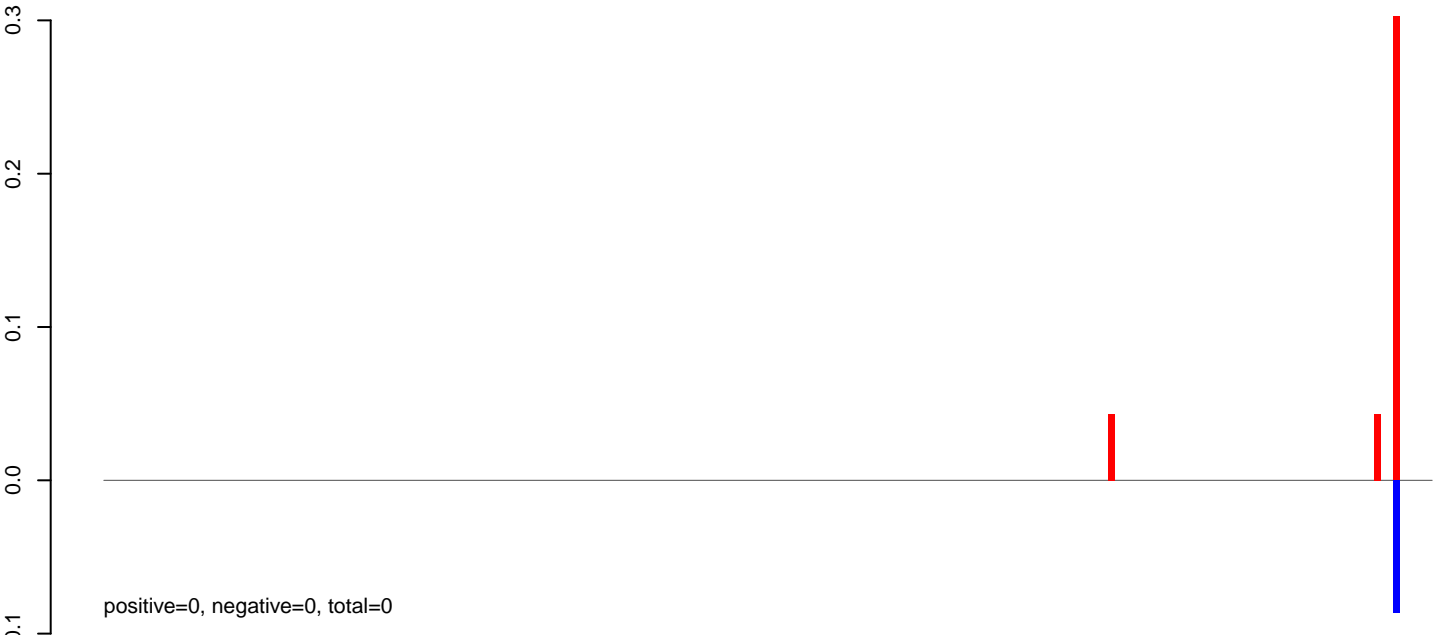
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



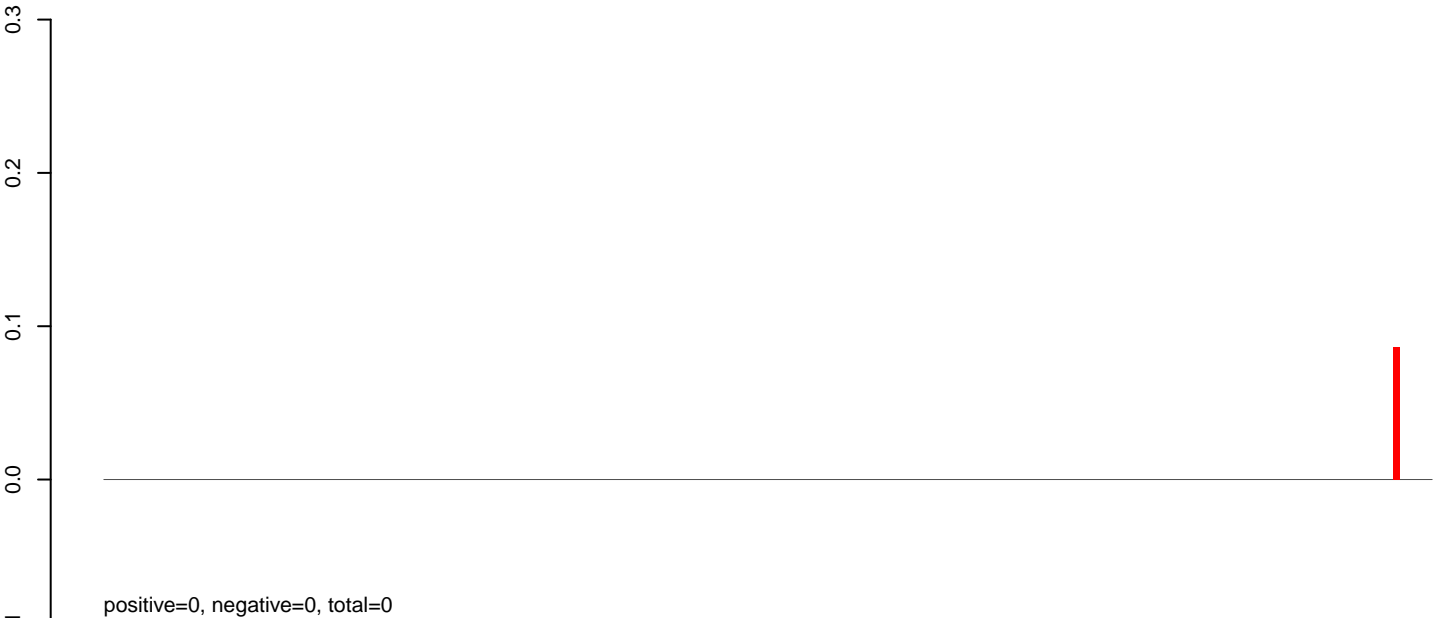
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



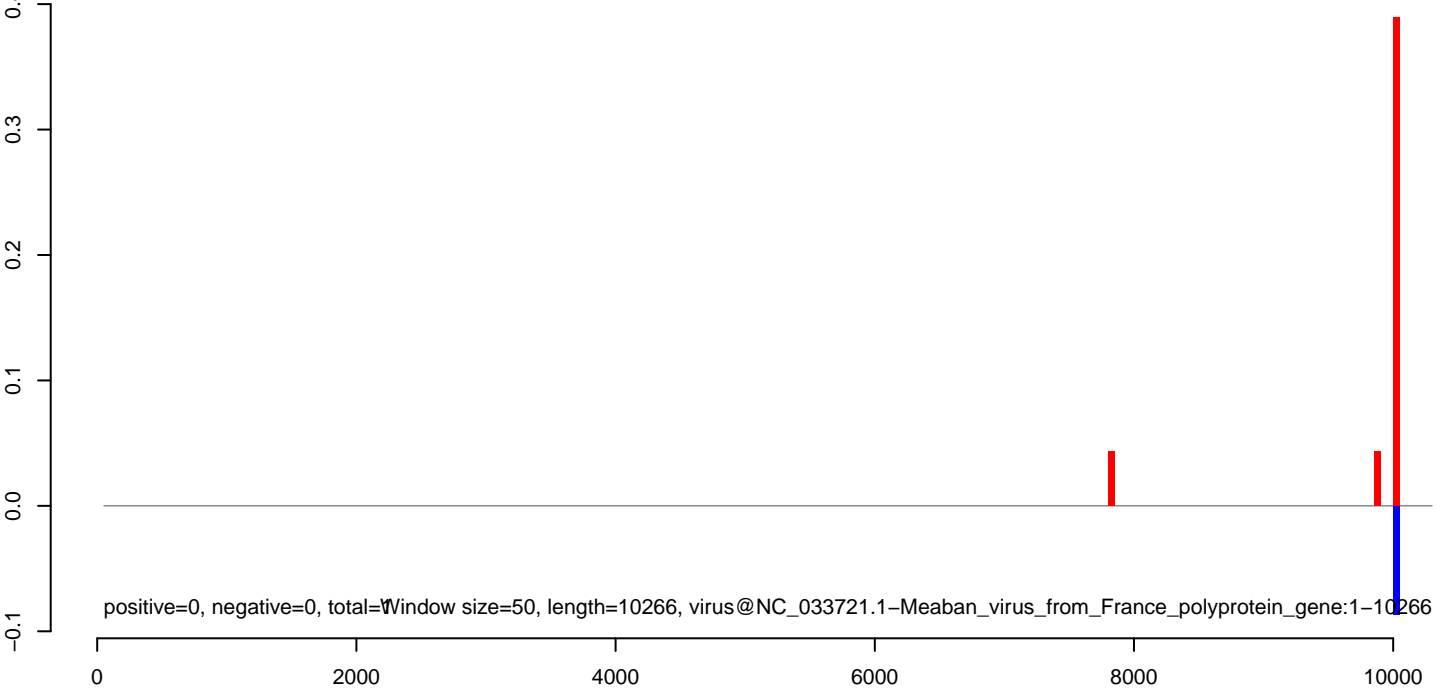
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



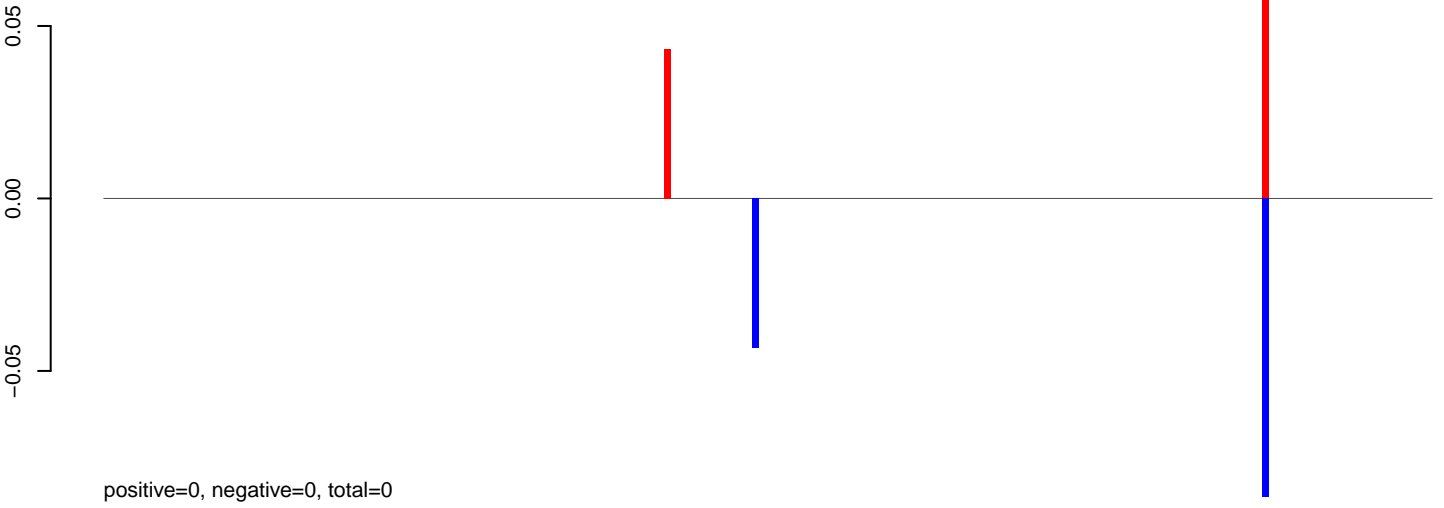
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



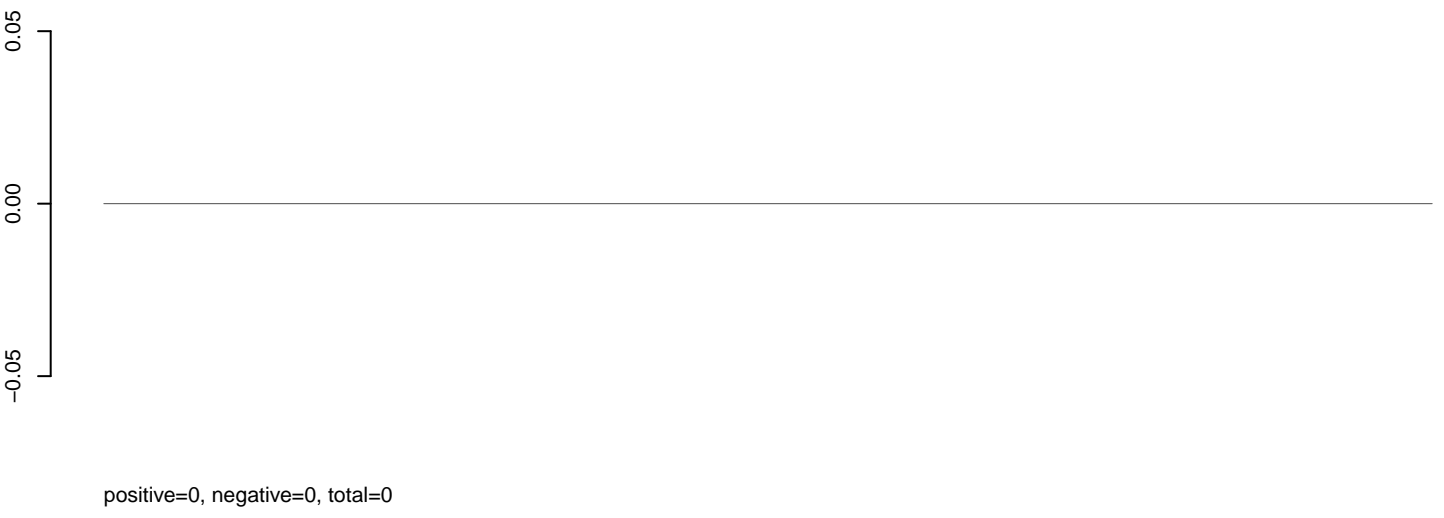
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



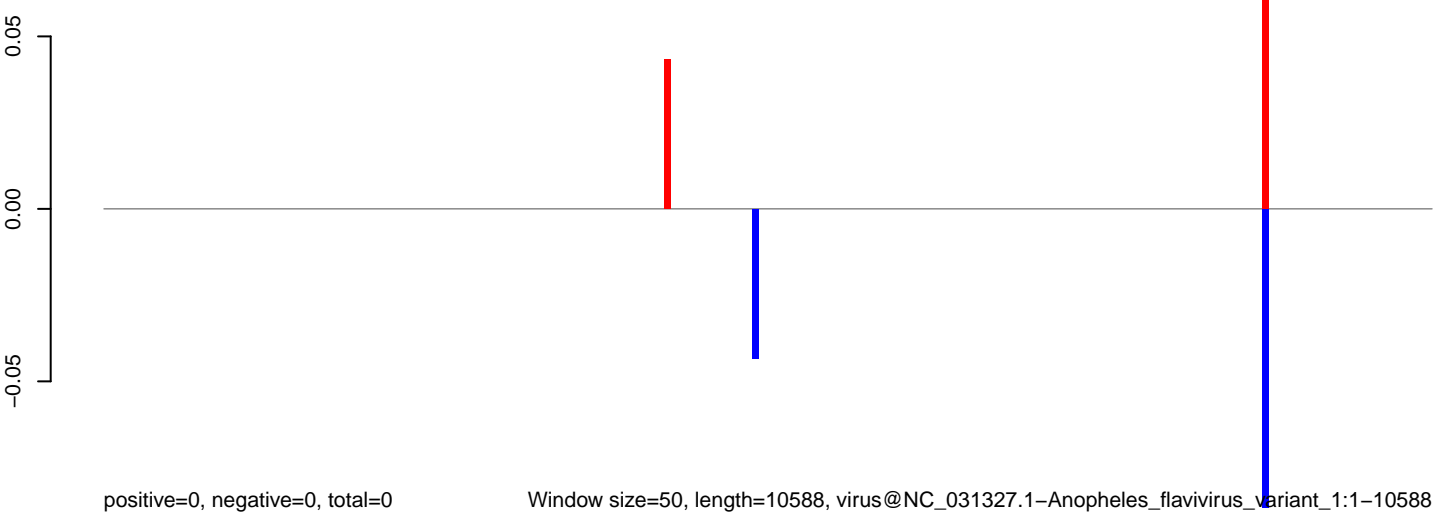
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



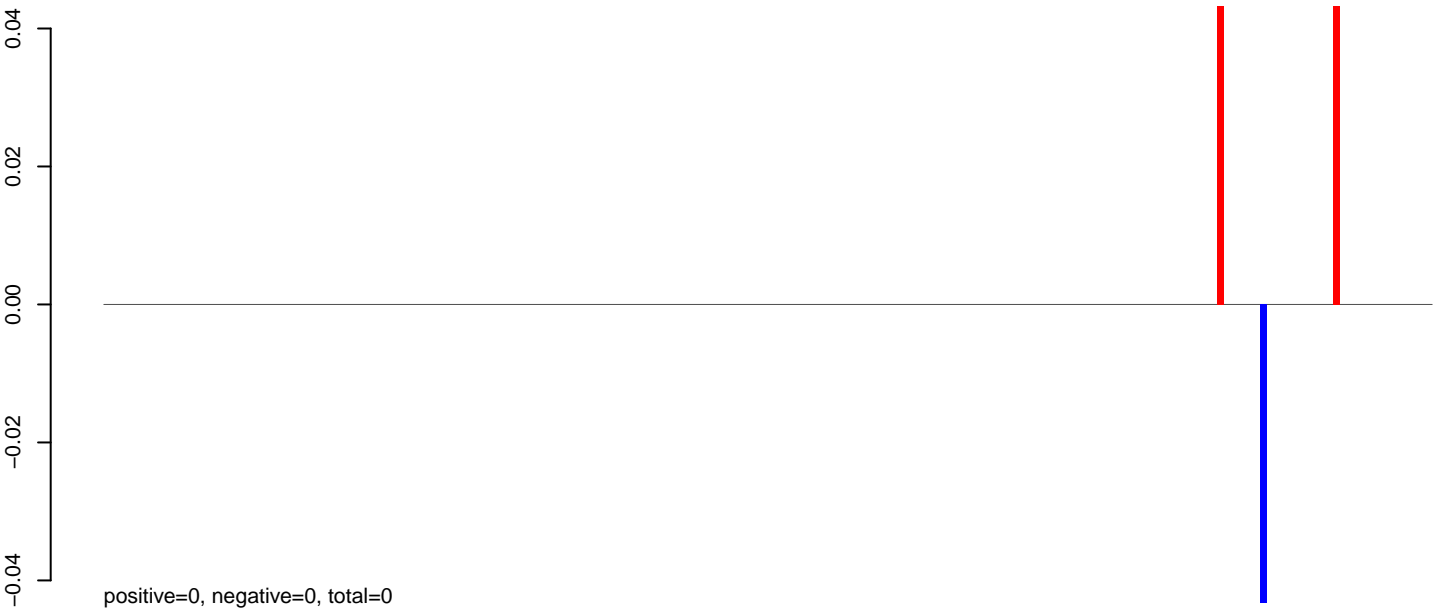
Window size=50, length=10588, virus@NC\_031327.1-Anopheles\_flavivirus\_variant\_1:1-10588

0 2000 4000 6000 8000 10000

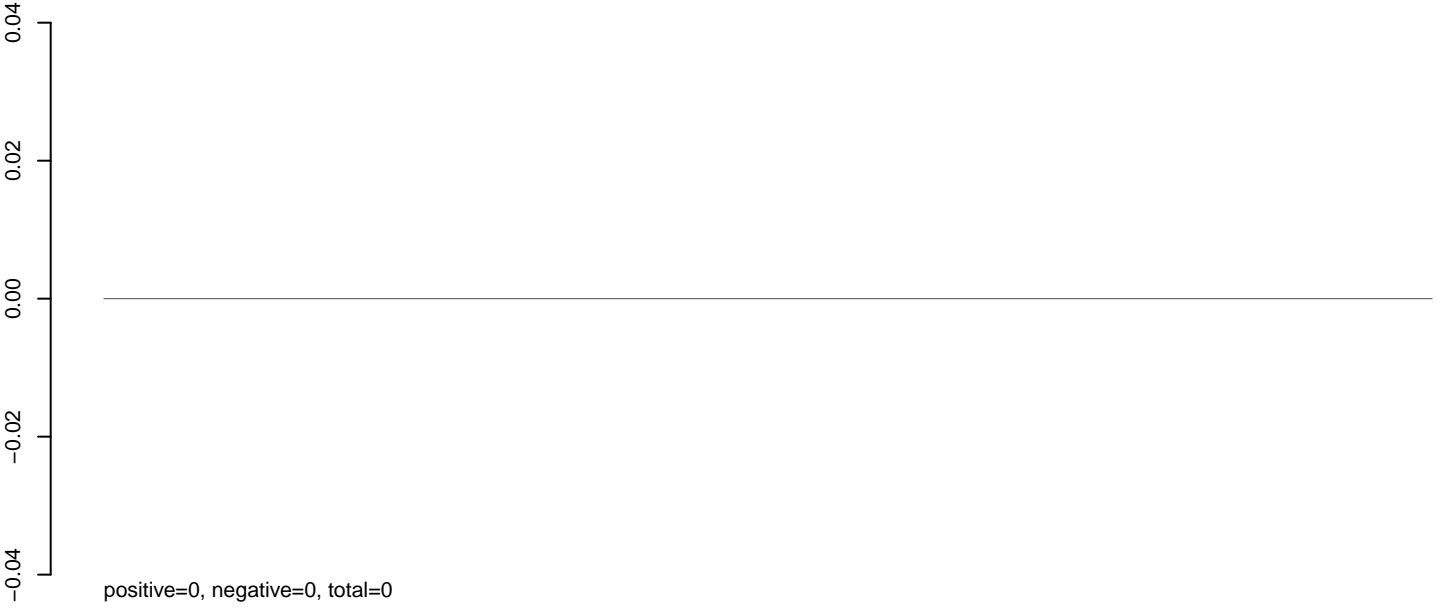




**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



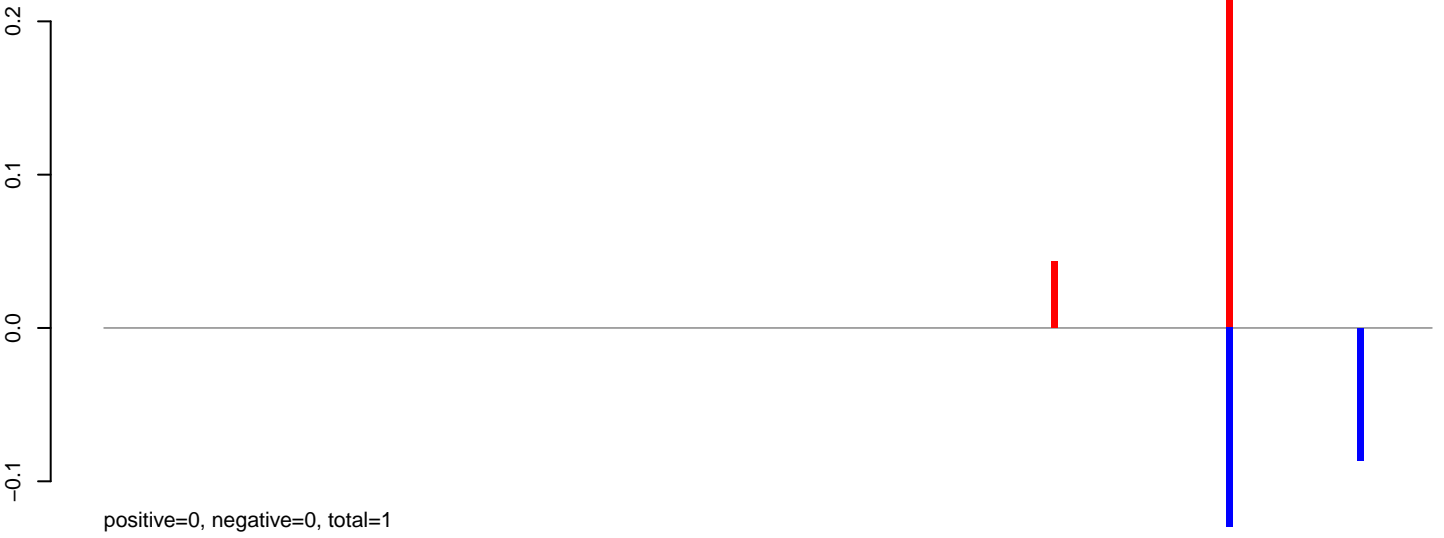
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



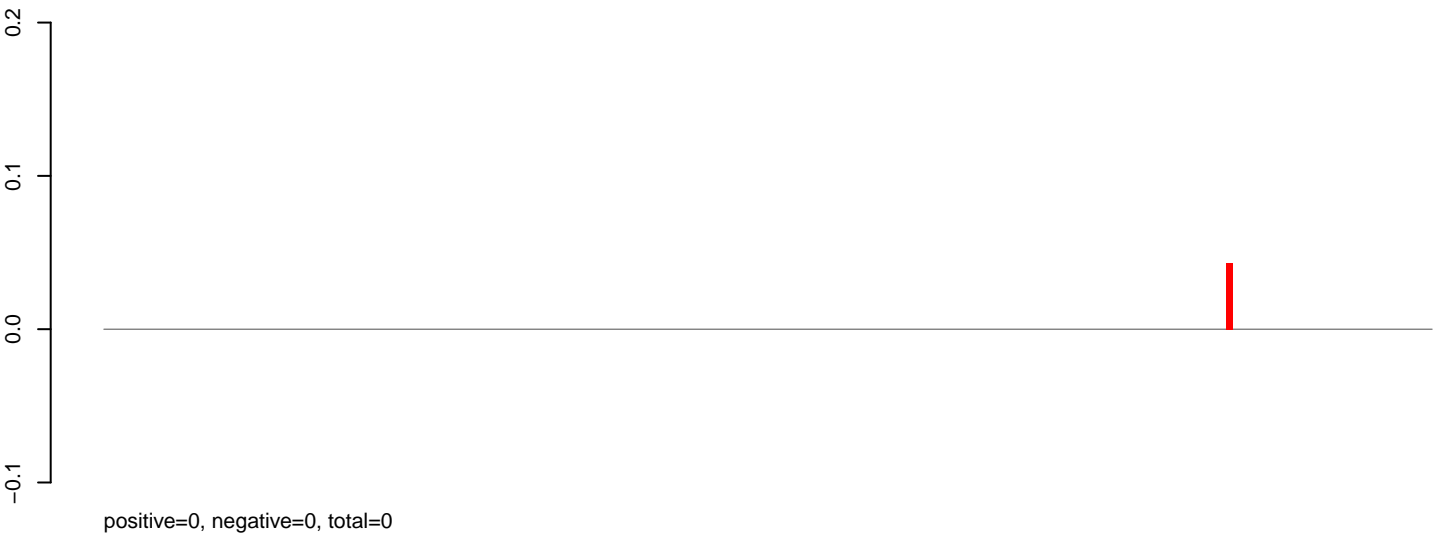
Window size=50, length=10814, virus@NC\_012735.1-Wesselsbron\_virus:1-10814

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



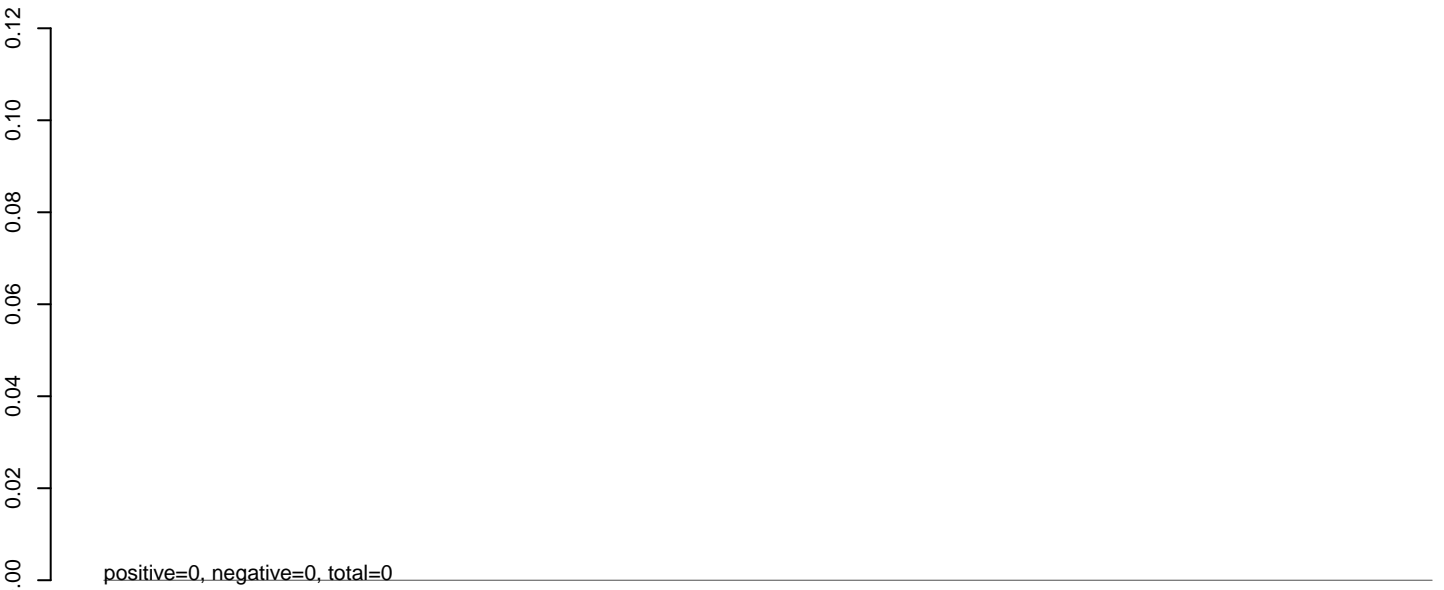
Window size=50, length=10685, virus@NC\_004355.1-Alkburma\_virus:1-10685

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

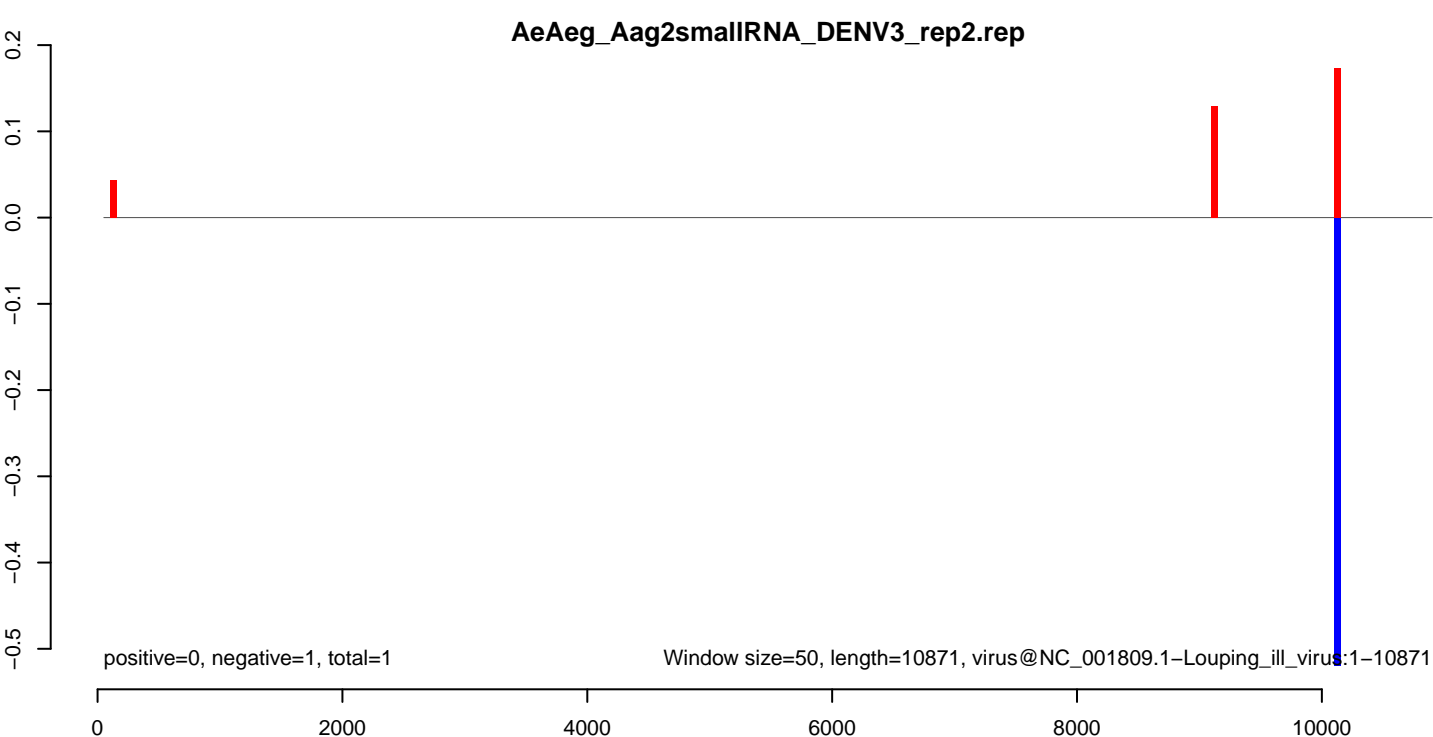
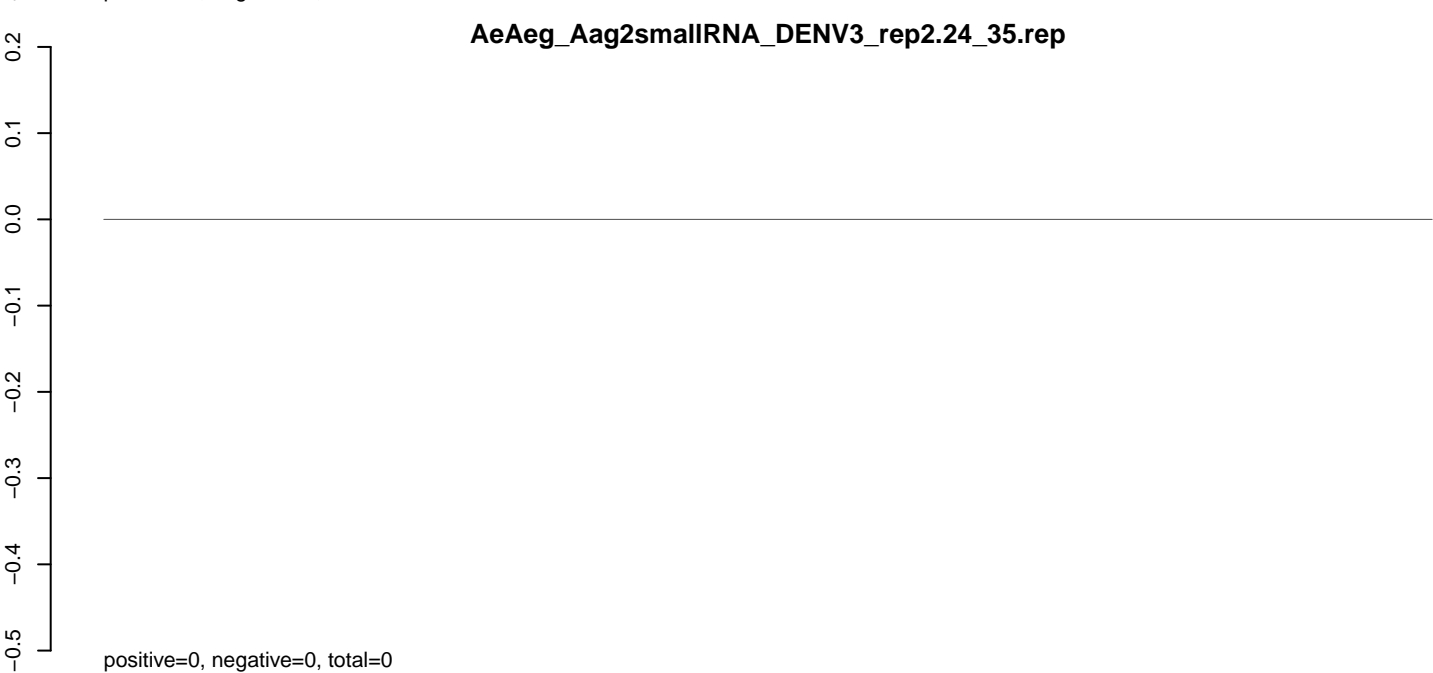
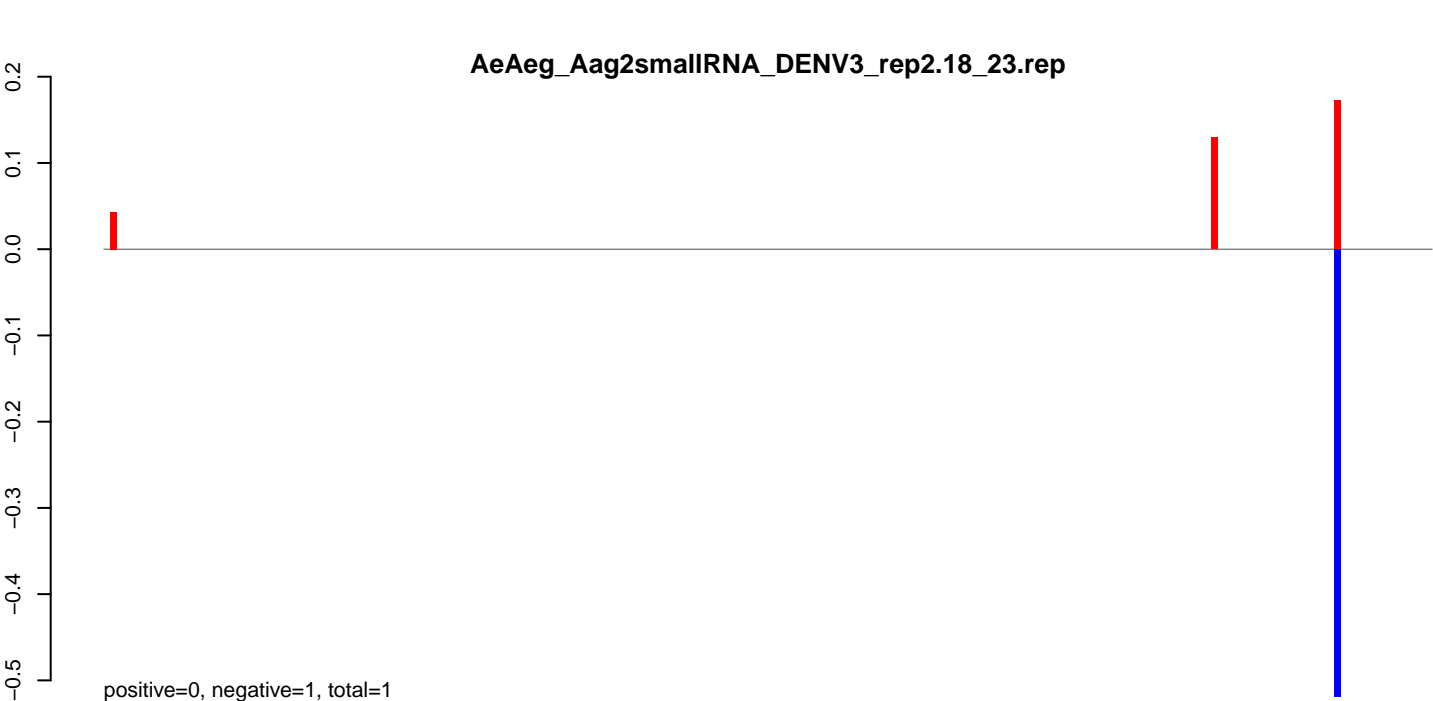


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

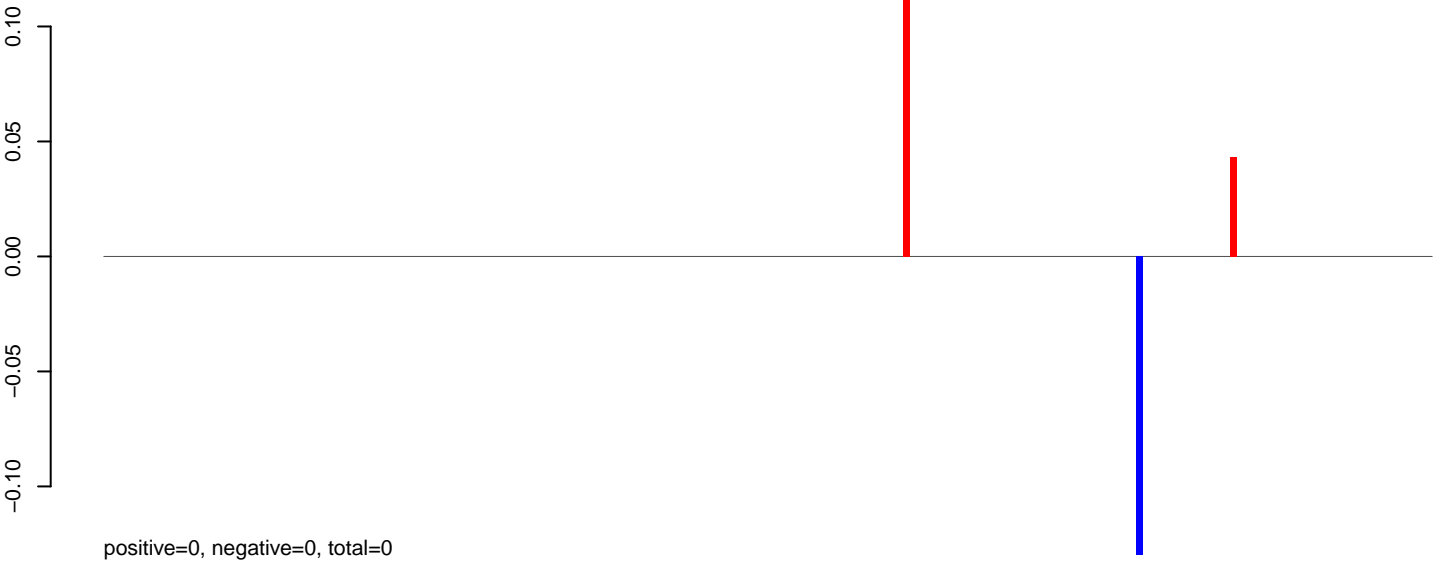


Window size=50, length=10690, virus@NC\_004119.1-Montana\_myotis\_leukoencephalitis\_virus:1-10690

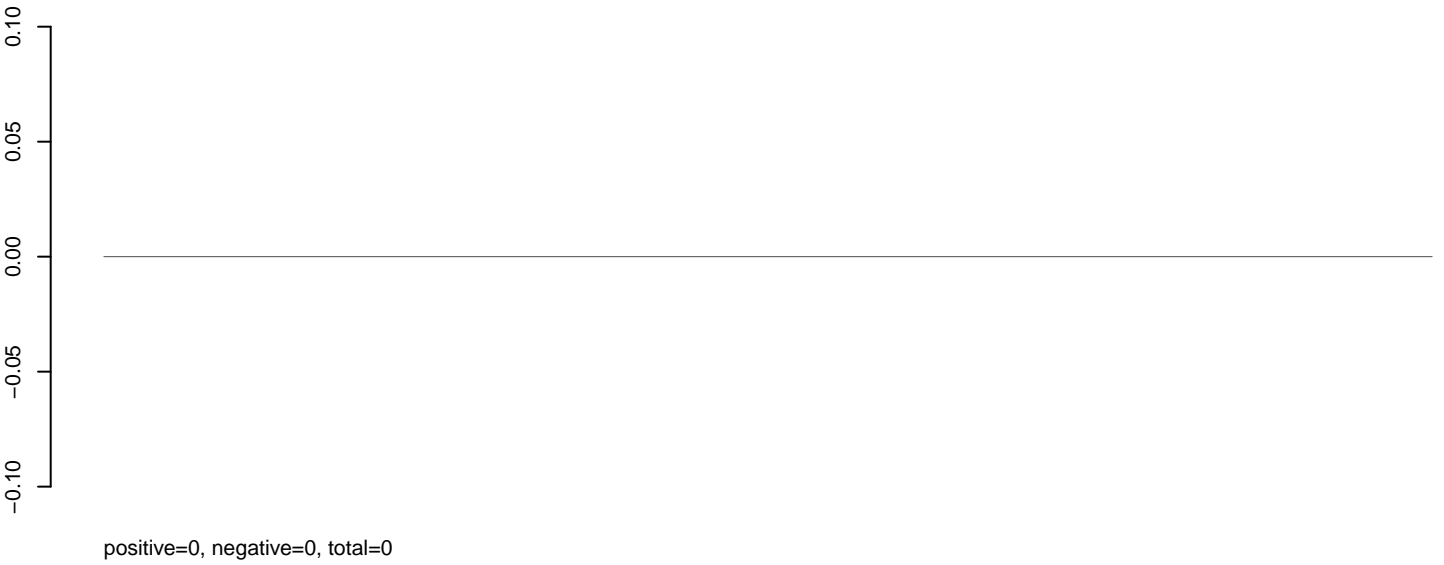
0 2000 4000 6000 8000 10000



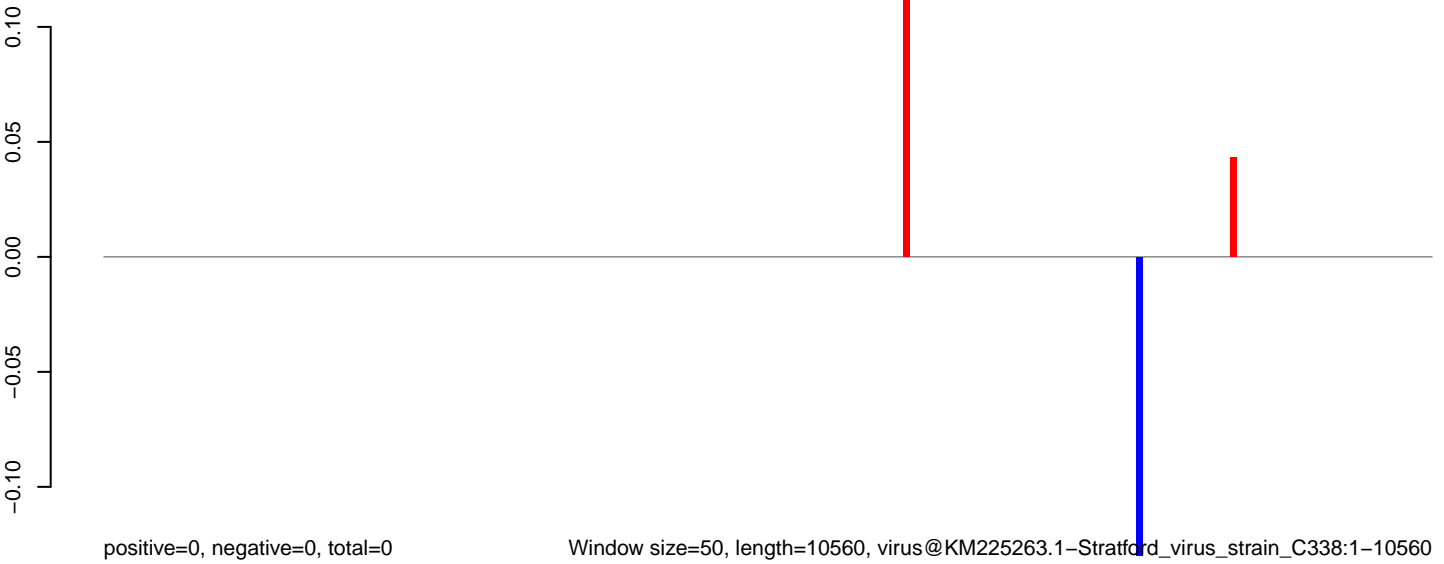
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



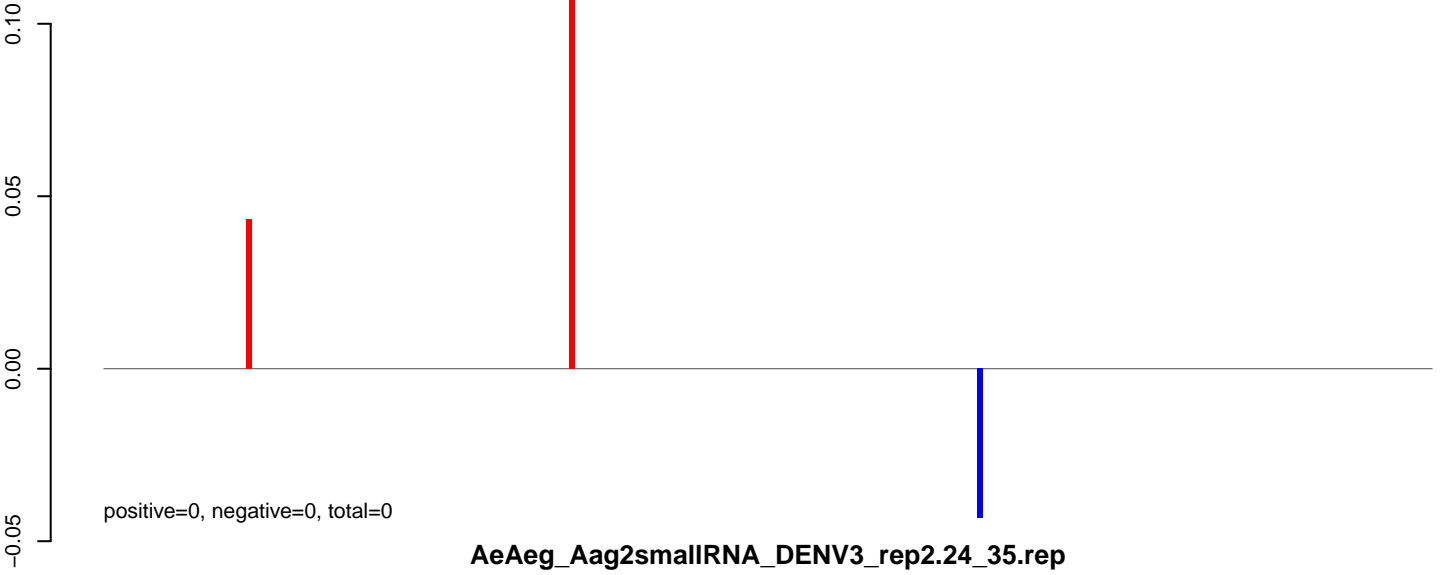
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



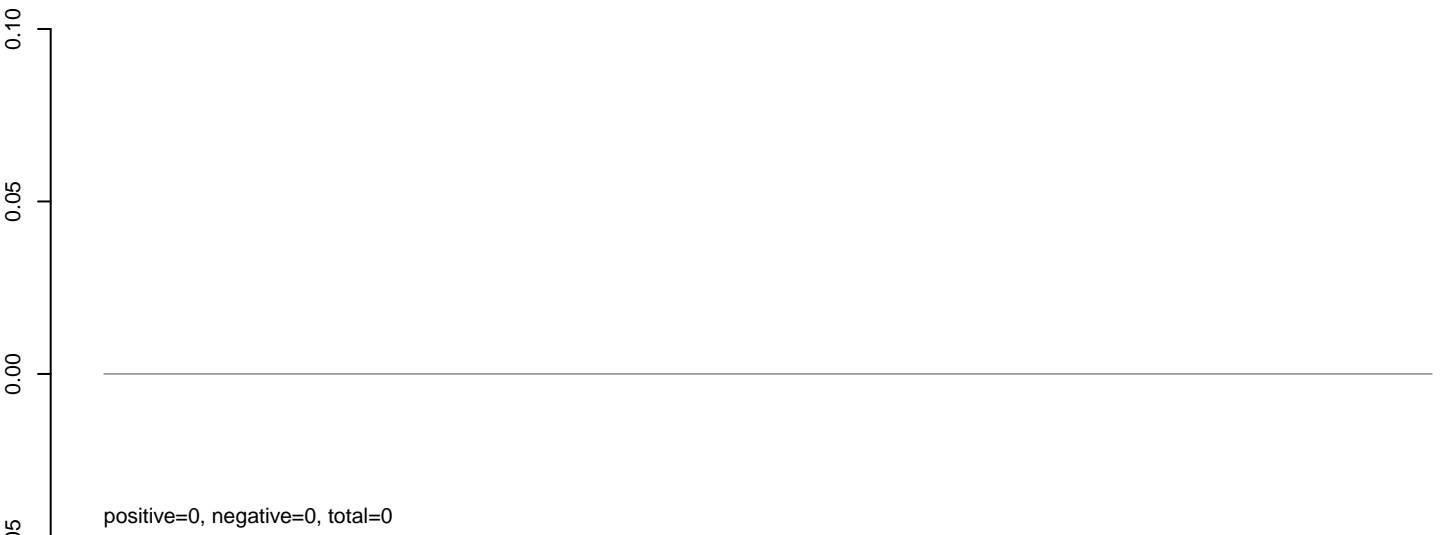
Window size=50, length=10560, virus@KM225263.1-Stratford\_virus\_strain\_C338:1-10560

0 2000 4000 6000 8000 10000

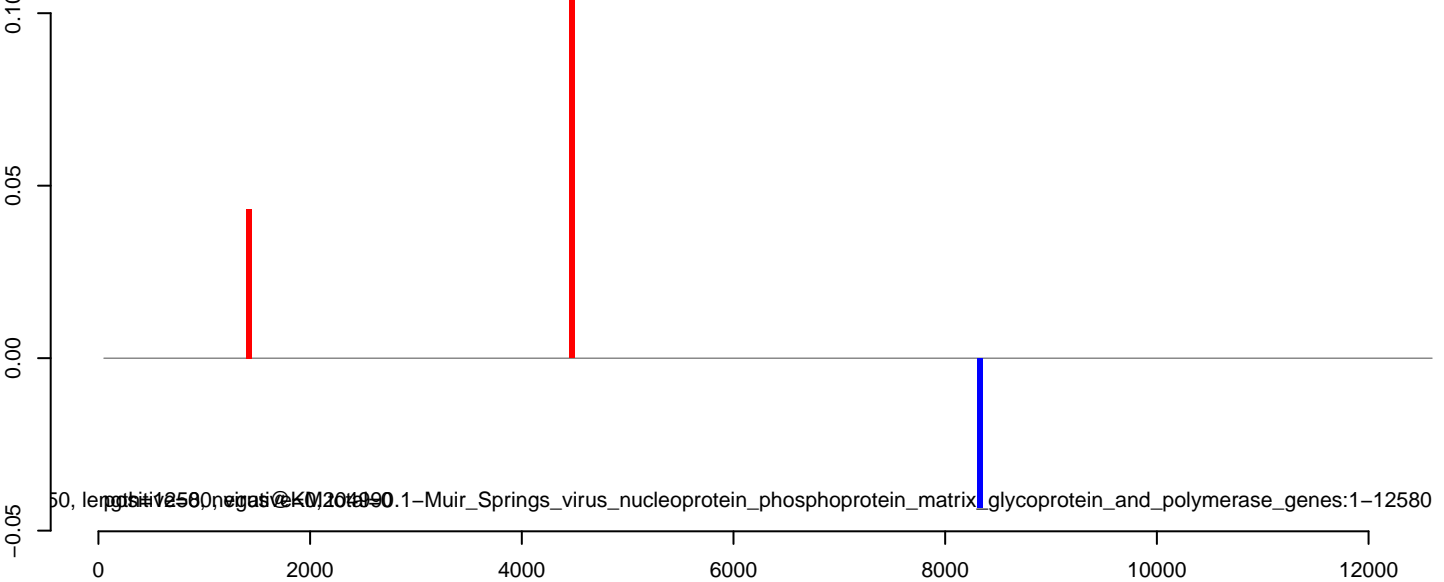
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

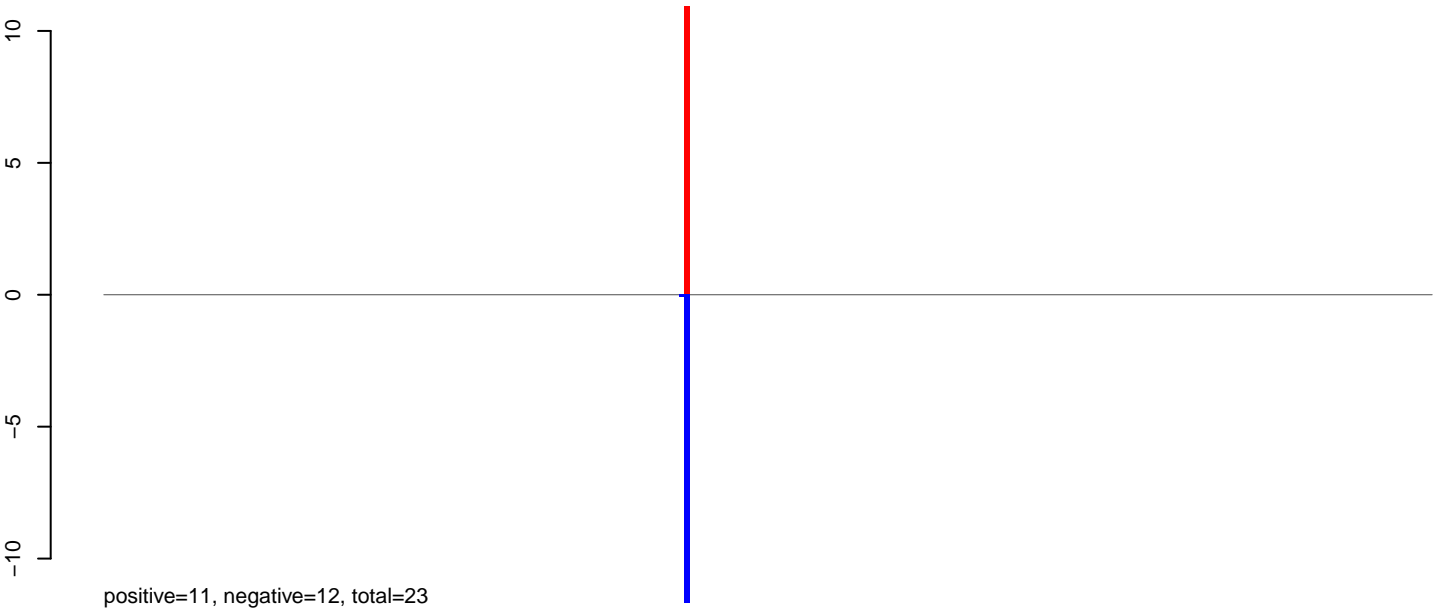


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

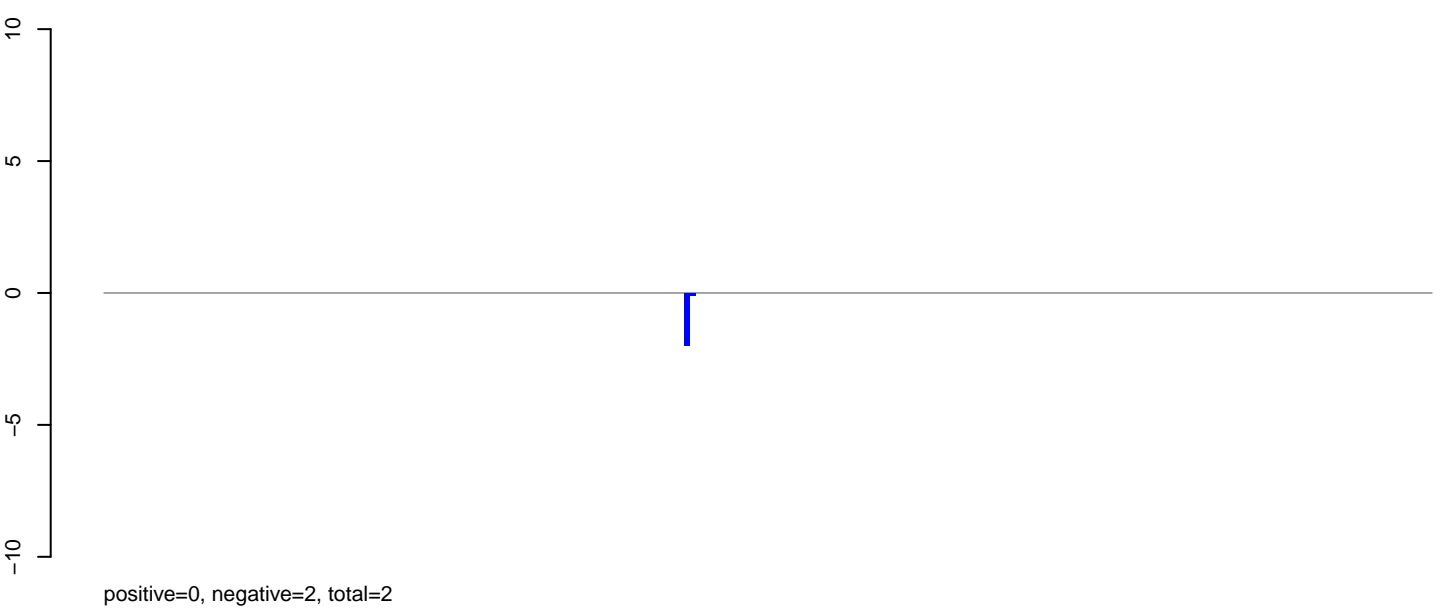


50, length=12580, negative=0, total=0, 1-Muir\_Springs\_virus\_nucleoprotein\_phosphoprotein\_matrix\_glycoprotein\_and\_polymerase\_genes:1-12580

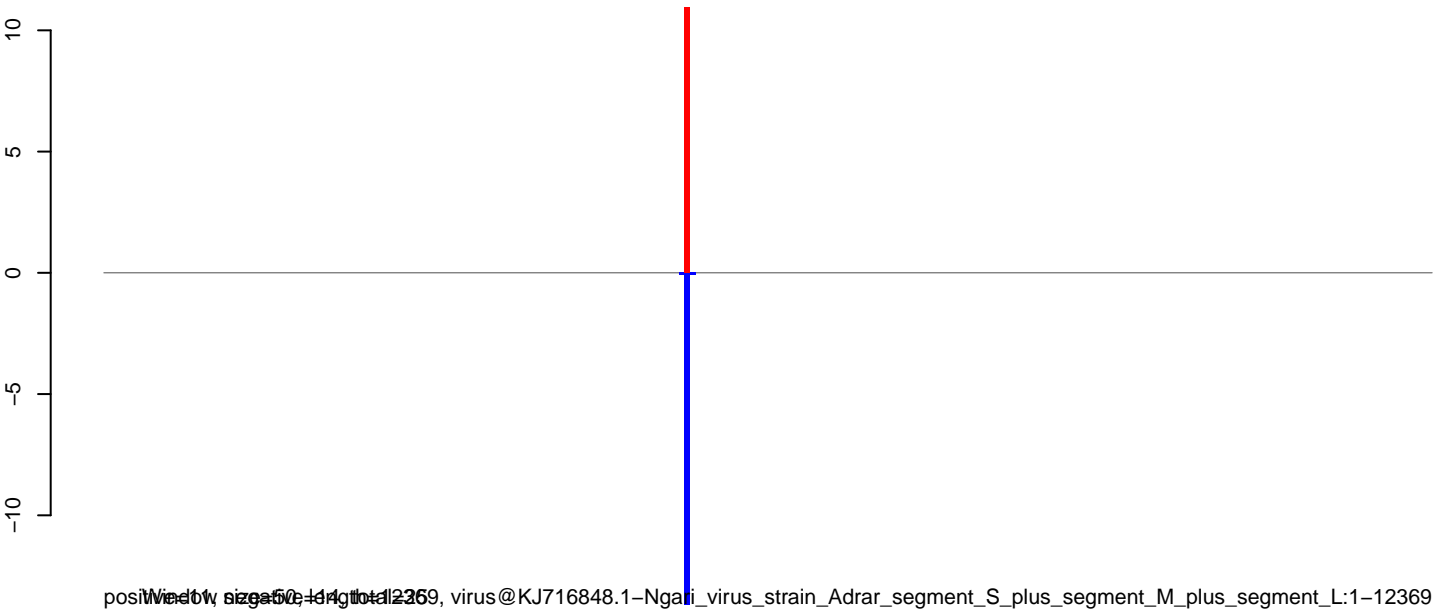
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

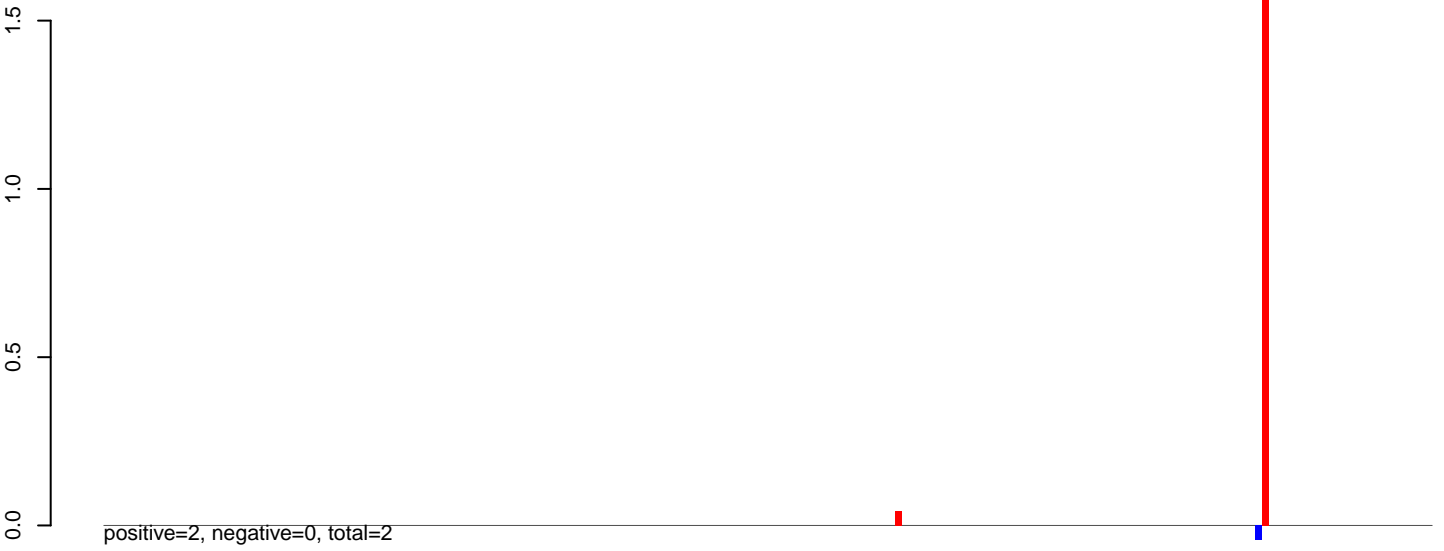


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

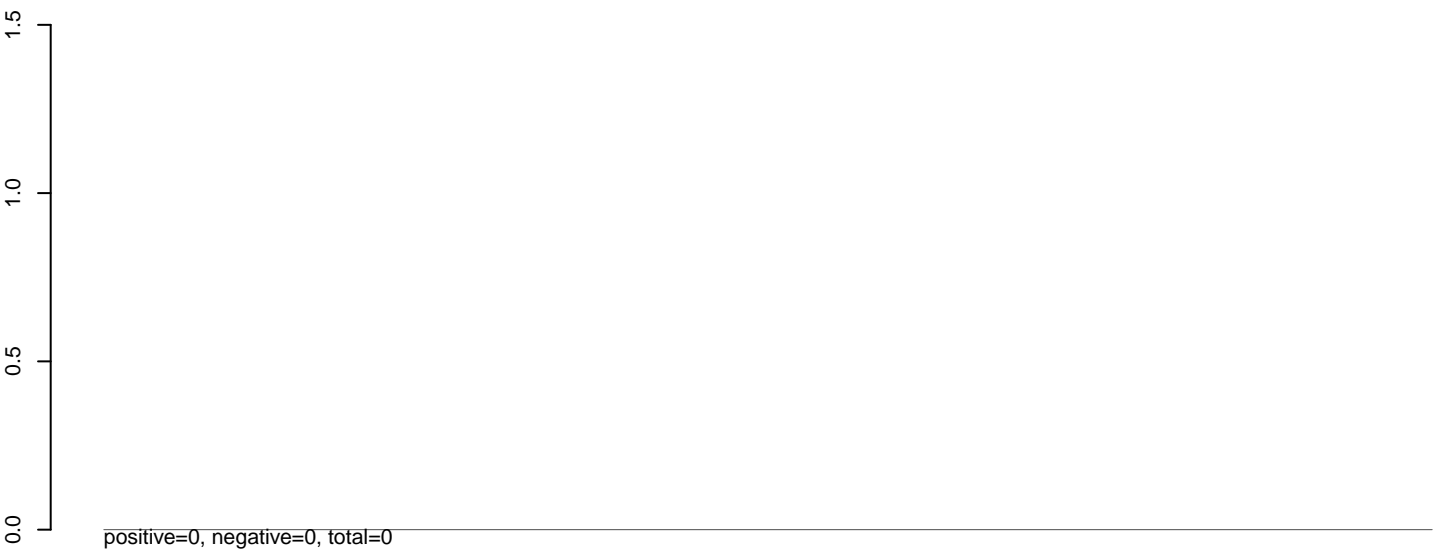




**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

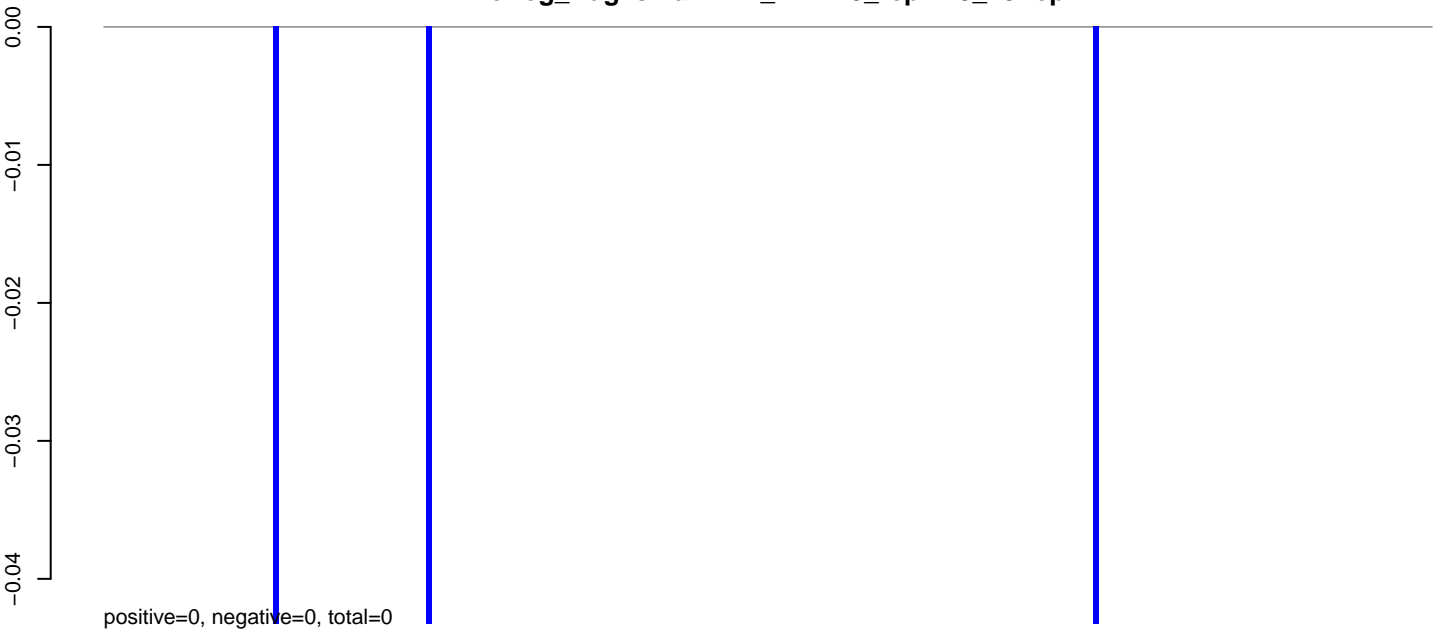


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

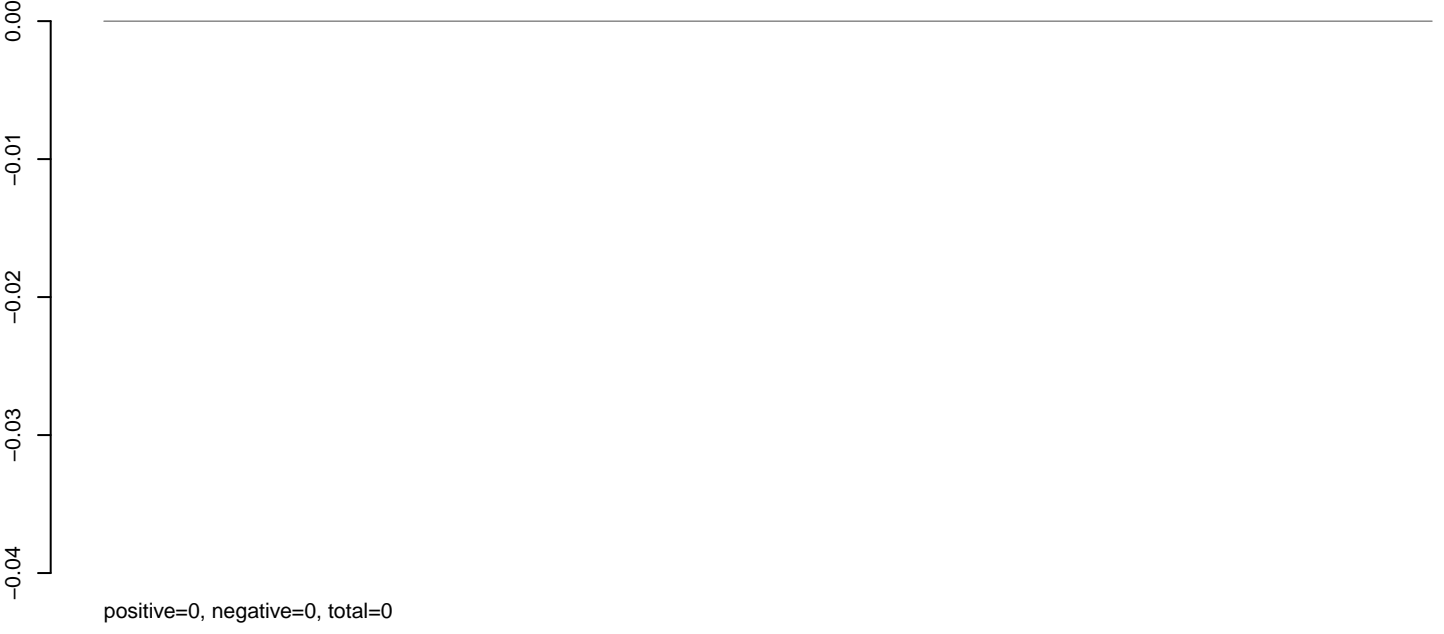


0 2000 4000 6000 8000 10000

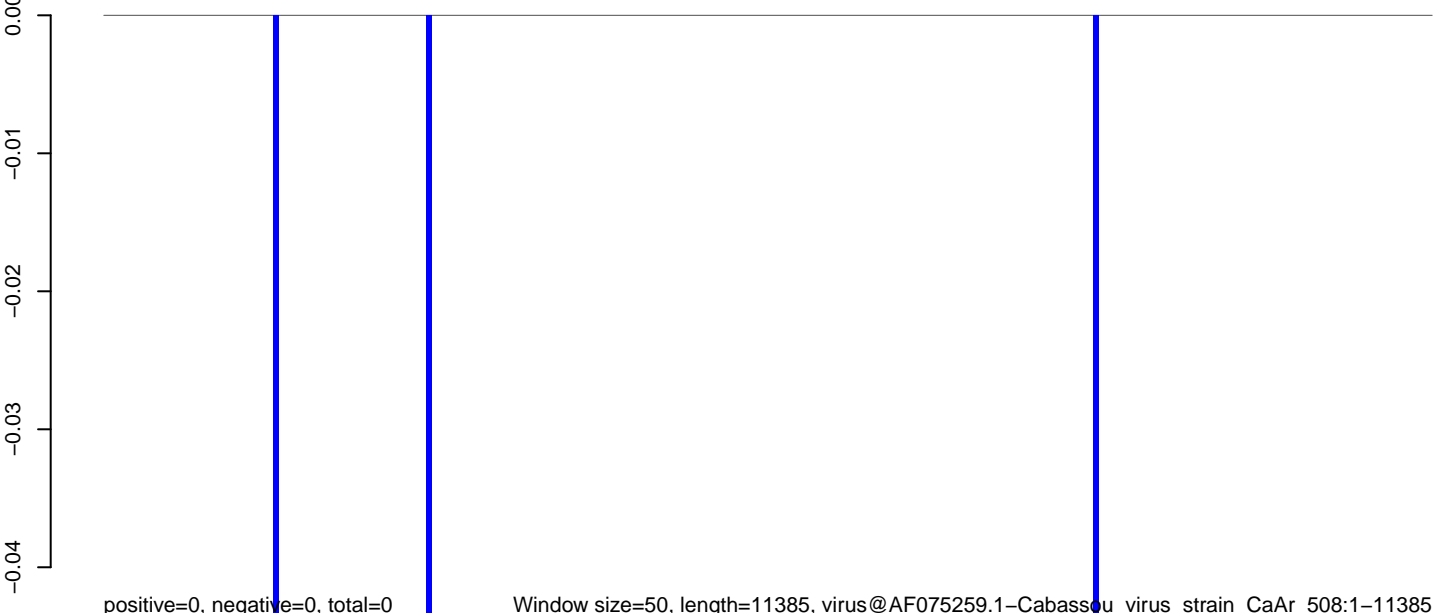
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



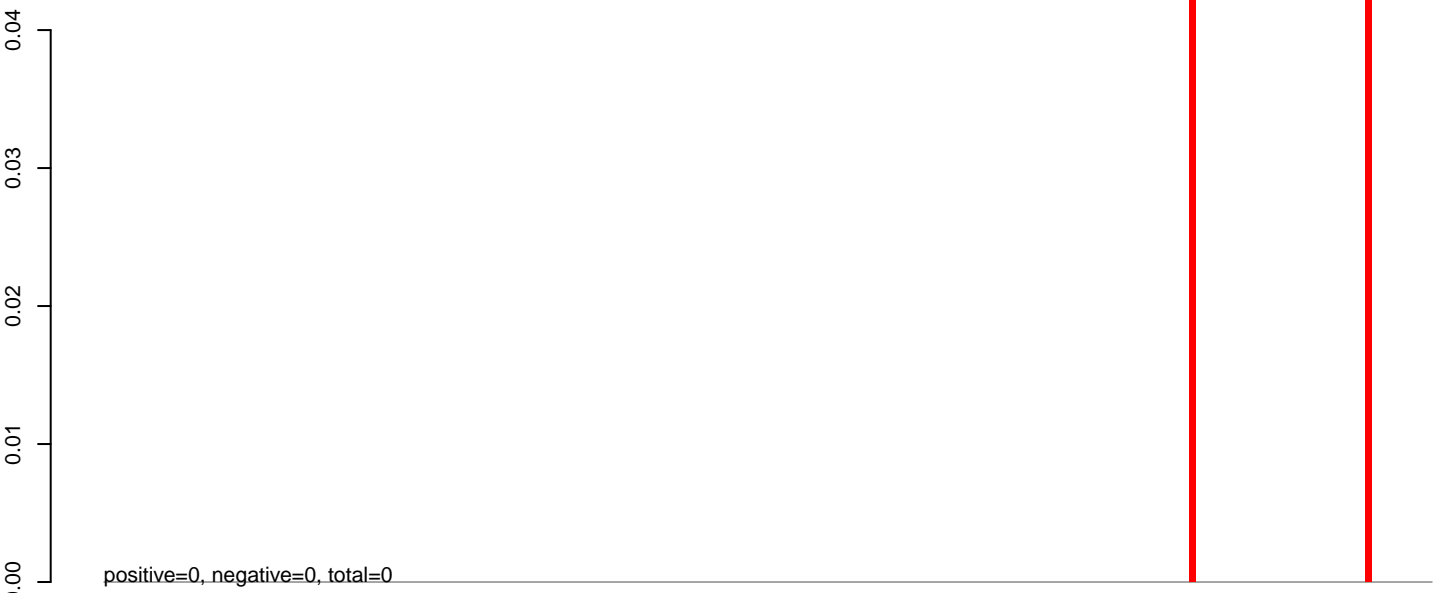
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



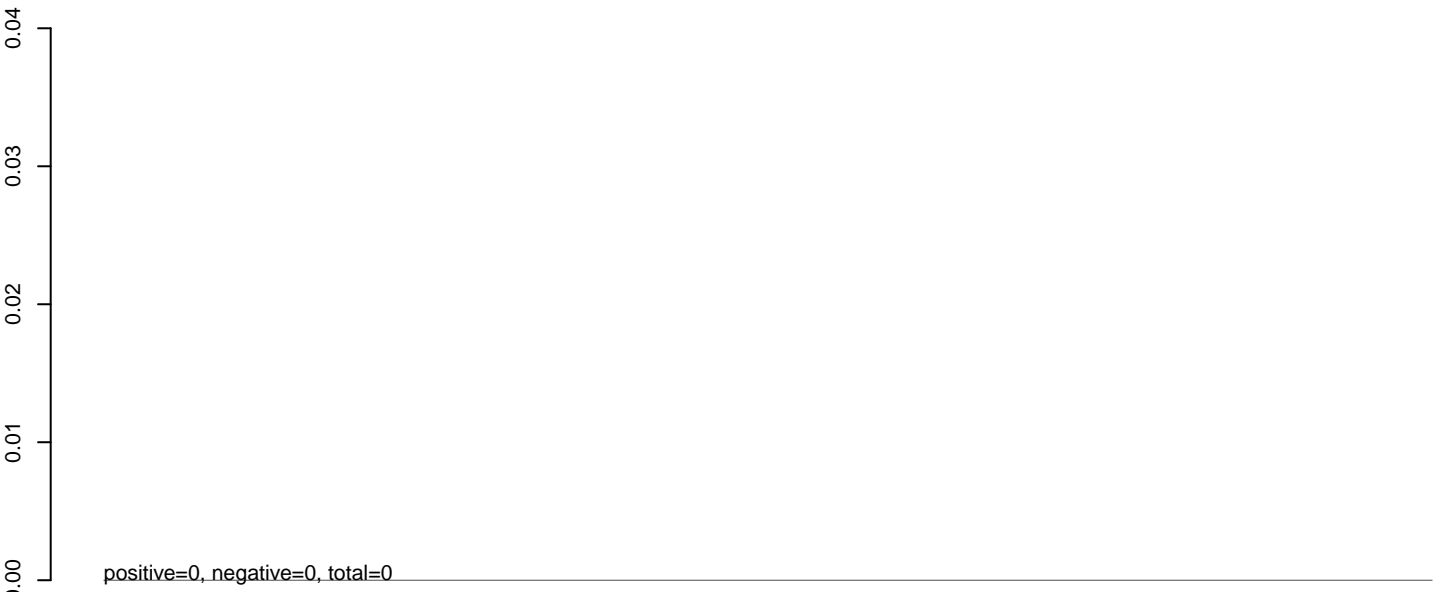
Window size=50, length=11385, virus@AF075259.1-Cabassou\_virus\_strain\_CaAr\_508:1-11385

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

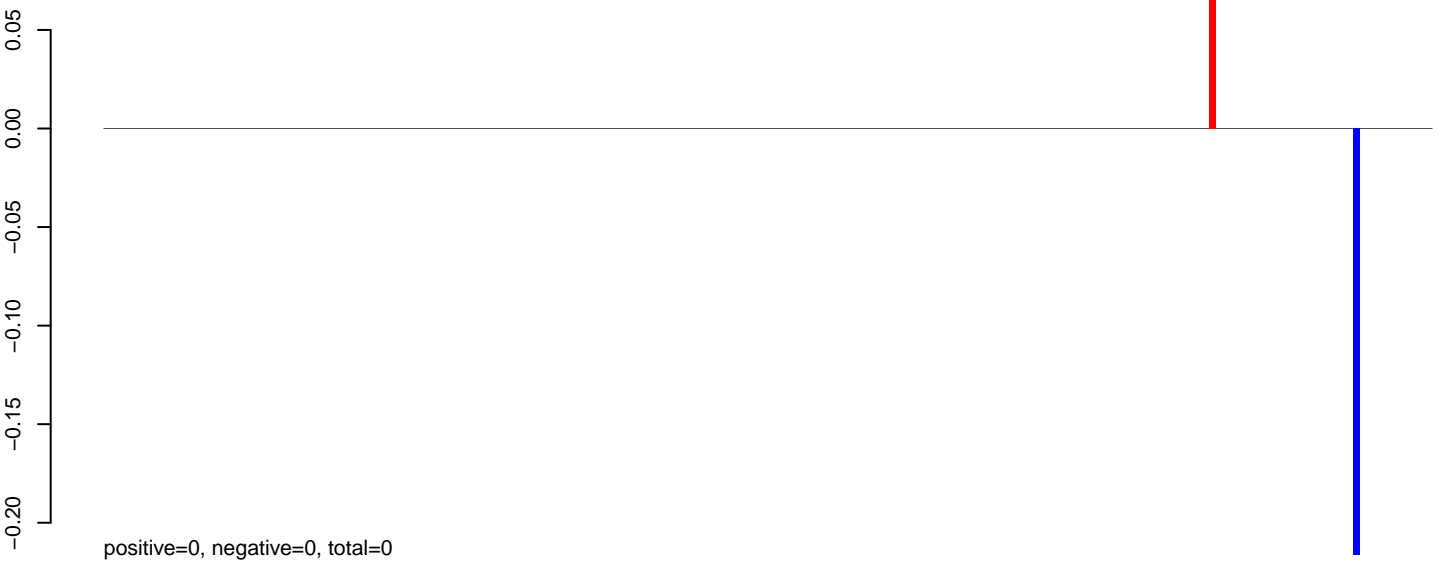


0 2000 4000 6000 8000 10000

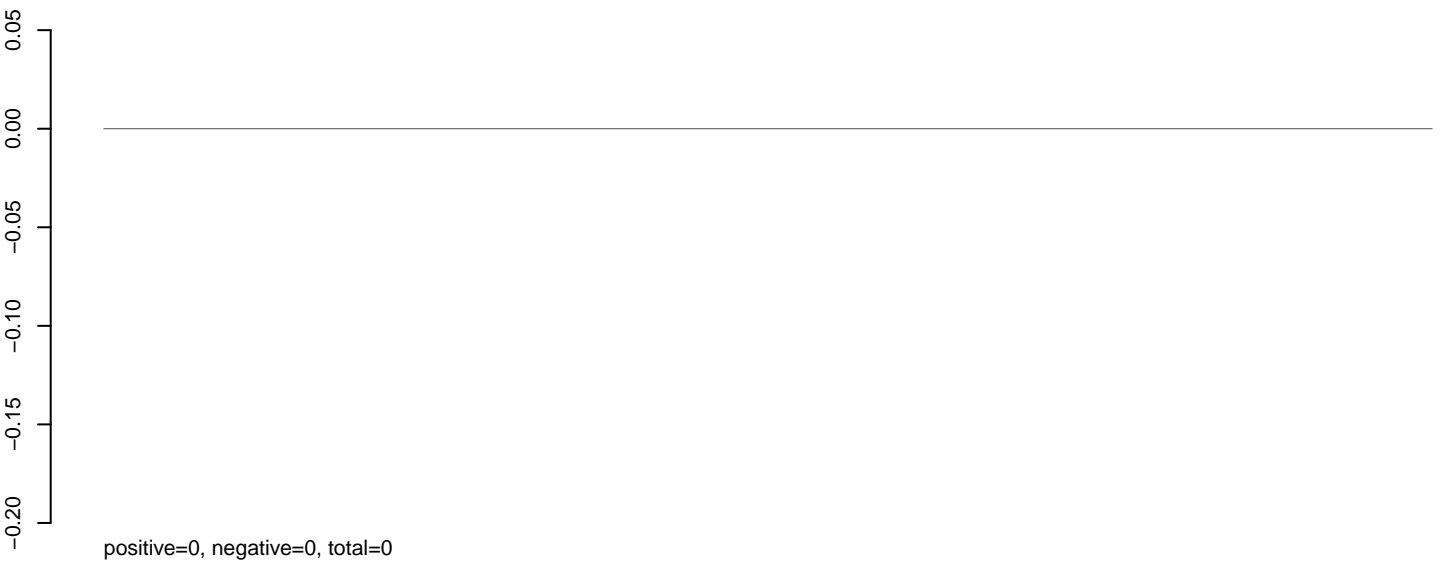
50, length=49968, gene=NC\_068463.1-Nkolbisson\_virus\_nucleoprotein\_phosphoprotein\_matrix\_glycoprotein\_and\_polymerase\_genes:1-10968



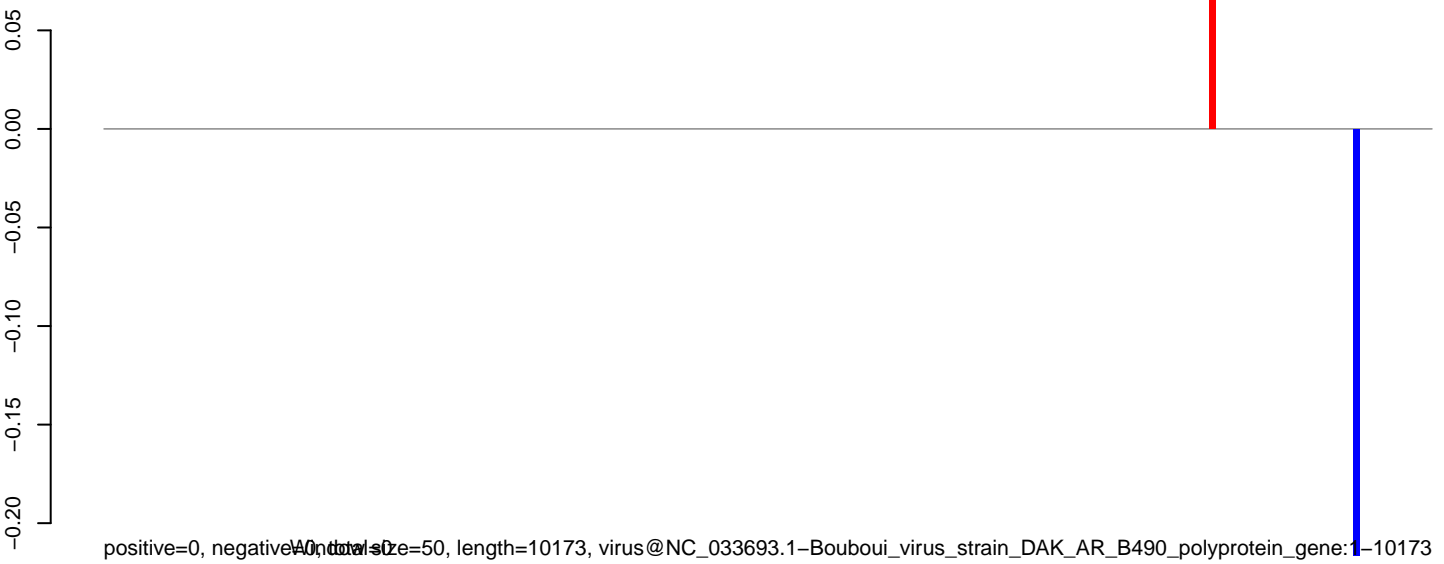
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

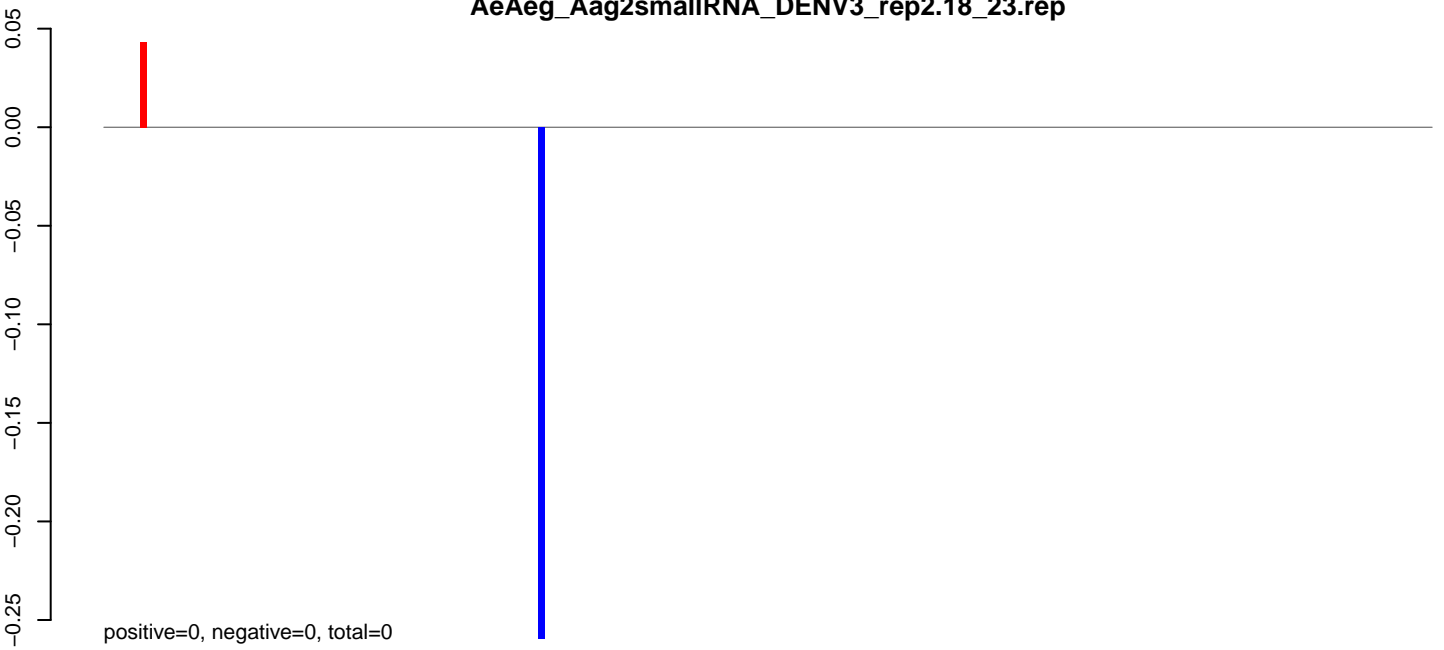


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

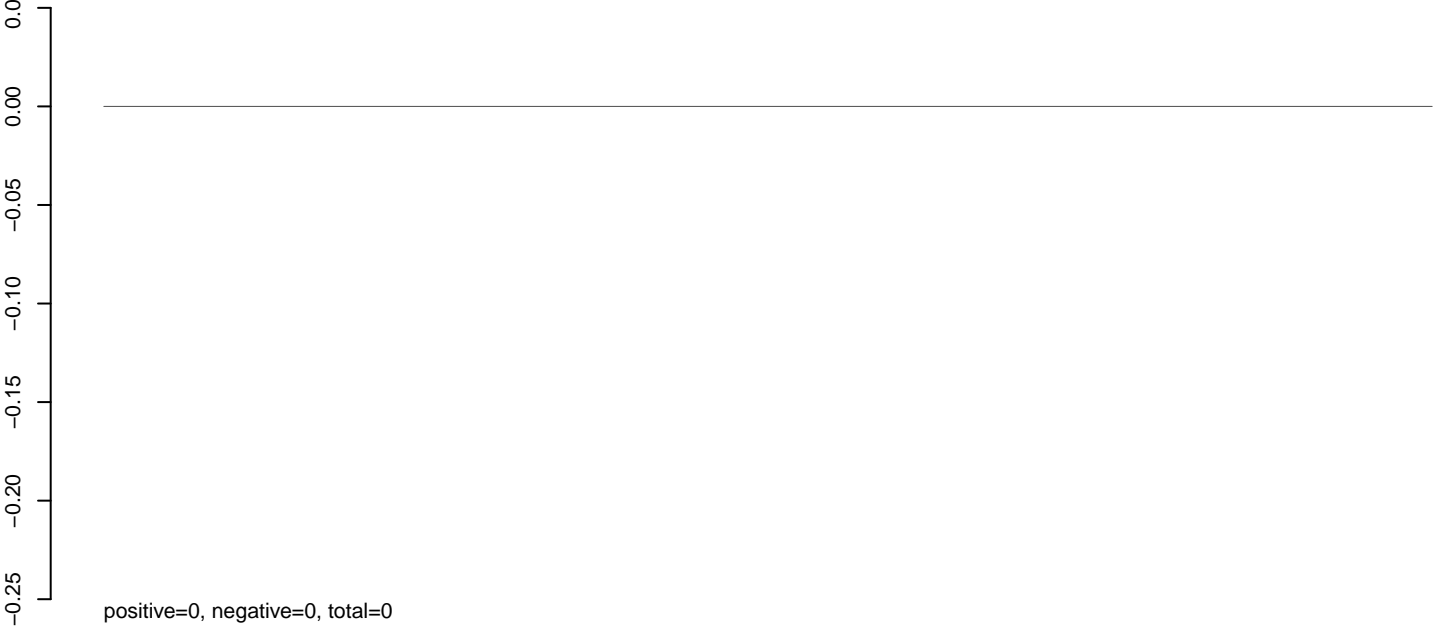


0 2000 4000 6000 8000 10000

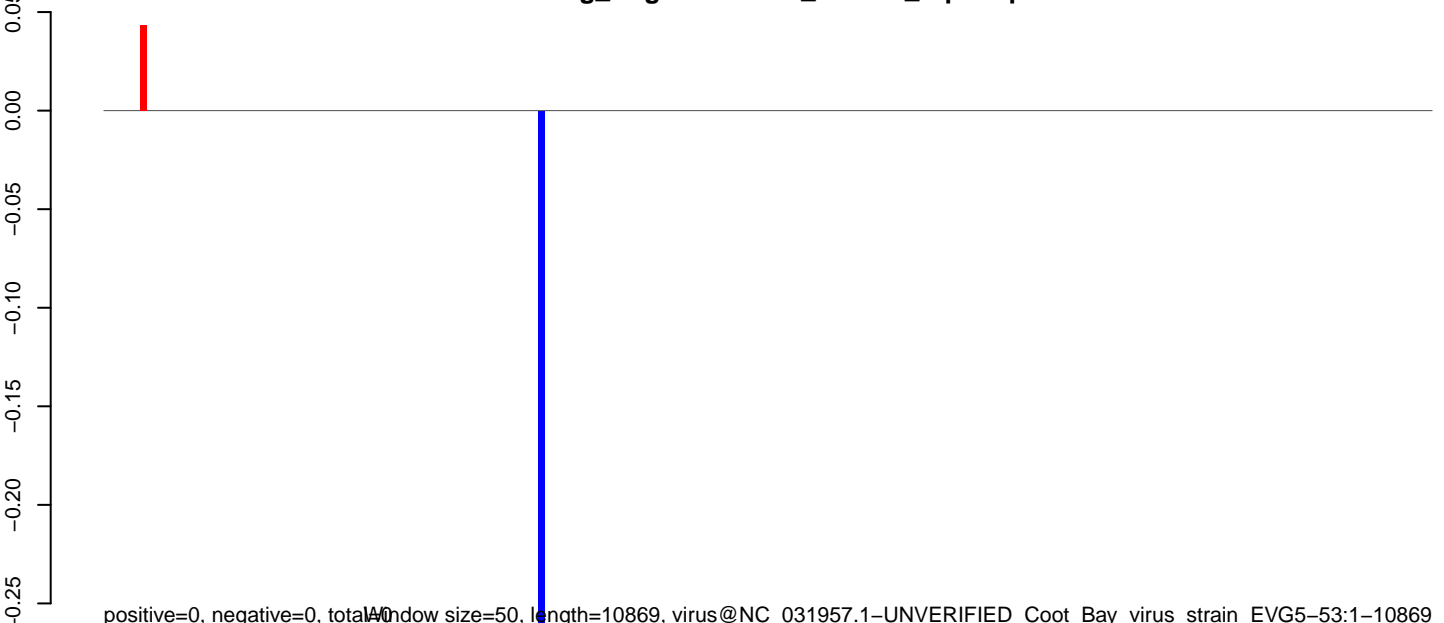
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



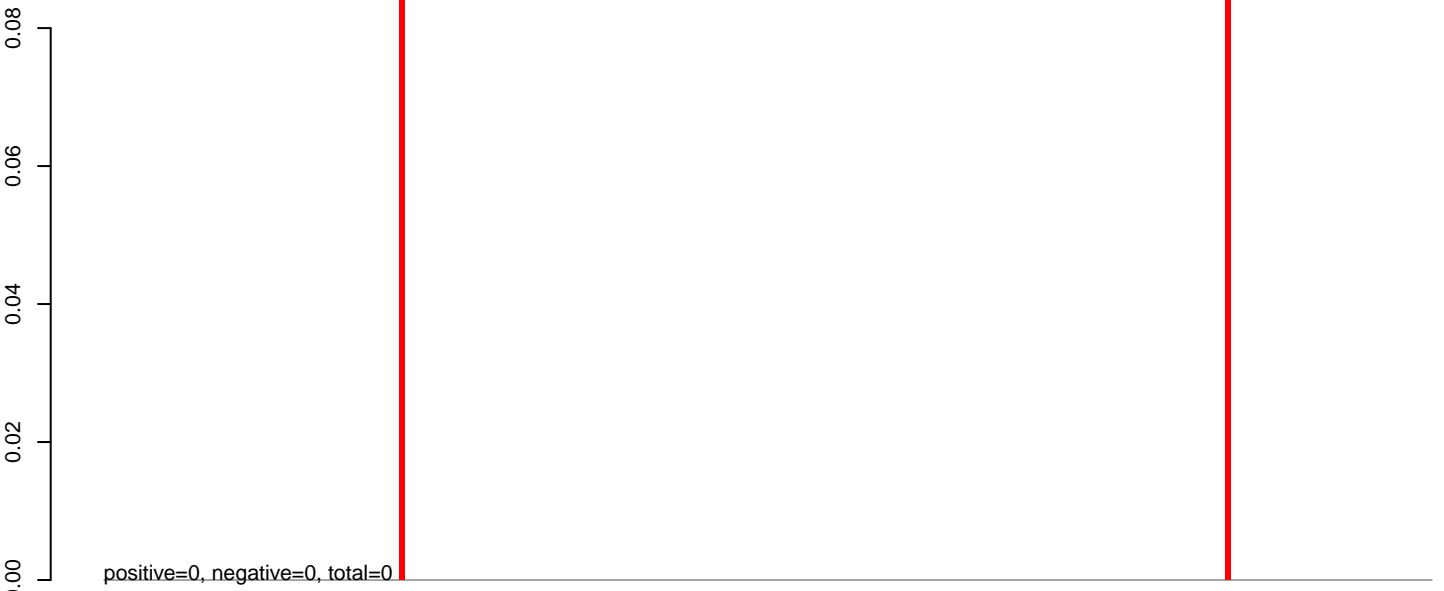
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



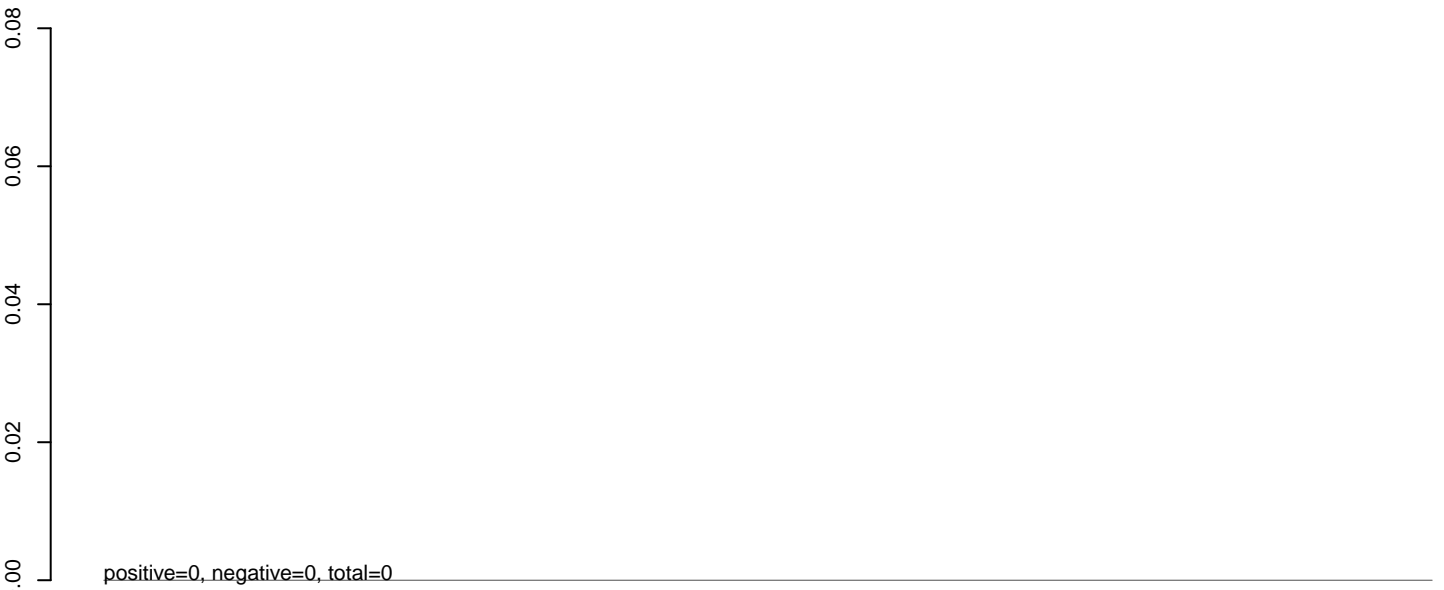
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



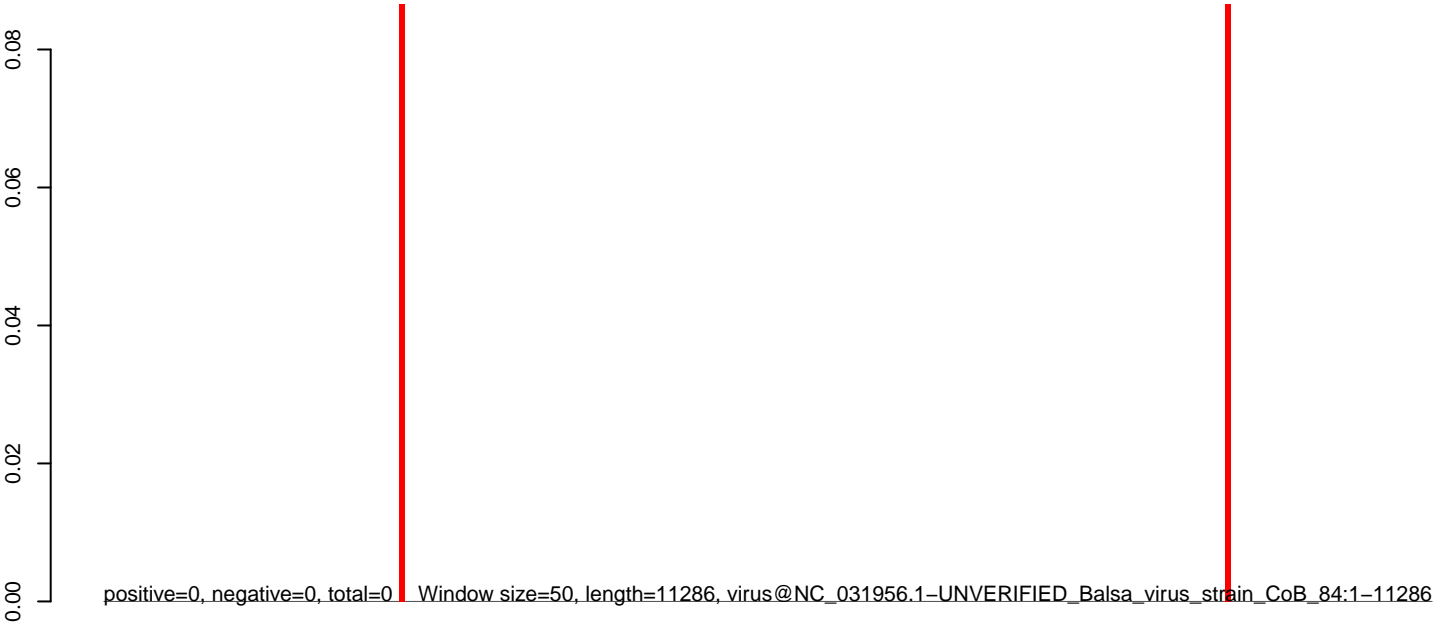
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



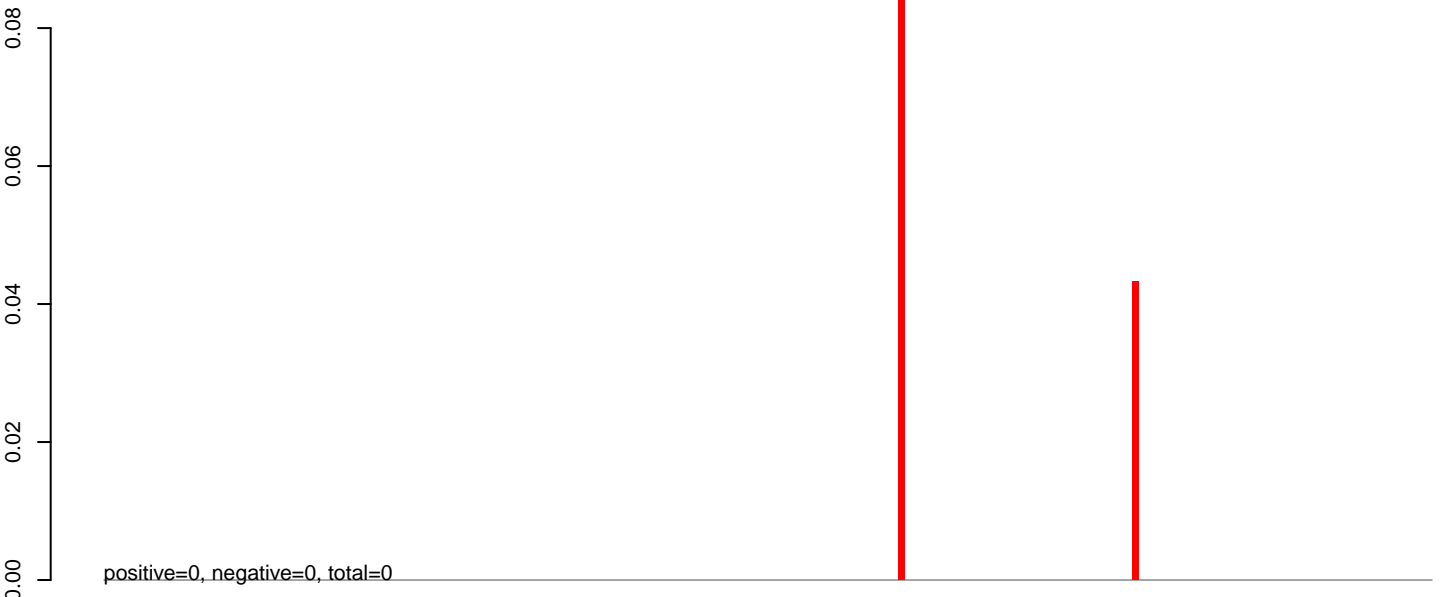
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



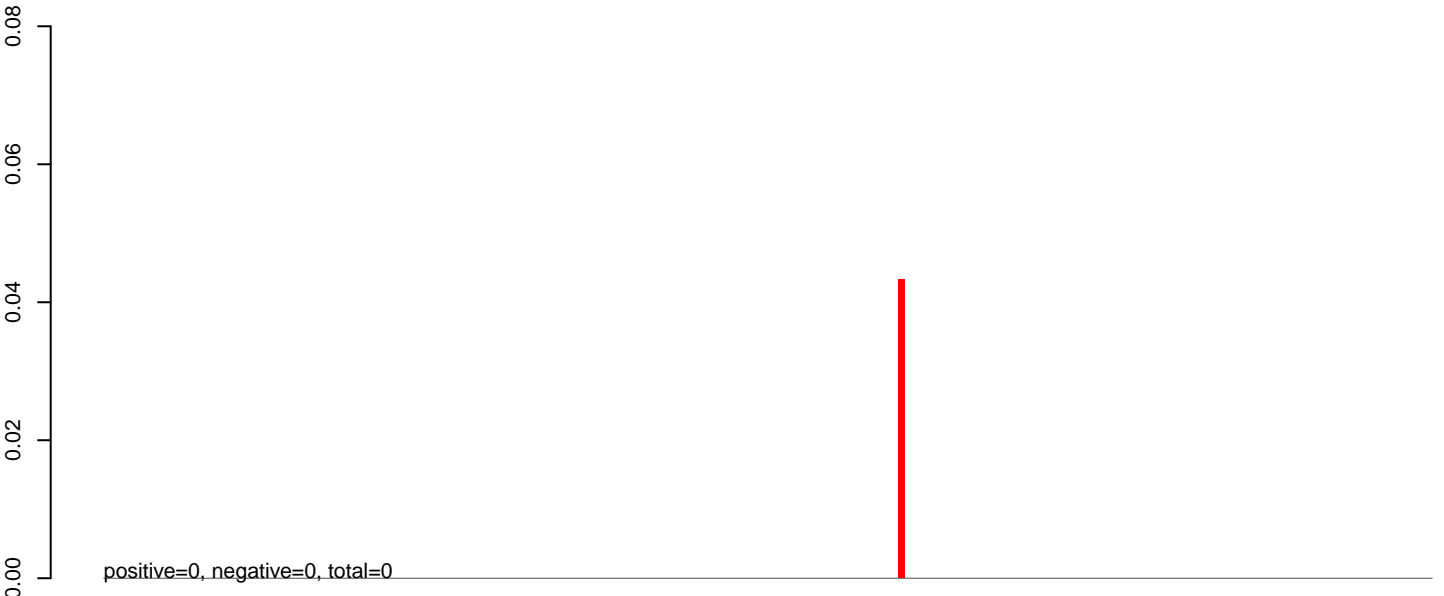
Window size=50, length=11286, virus@NC\_031956.1-UNVERIFIED\_Balsa\_virus\_strain\_CoB\_84:1-11286

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



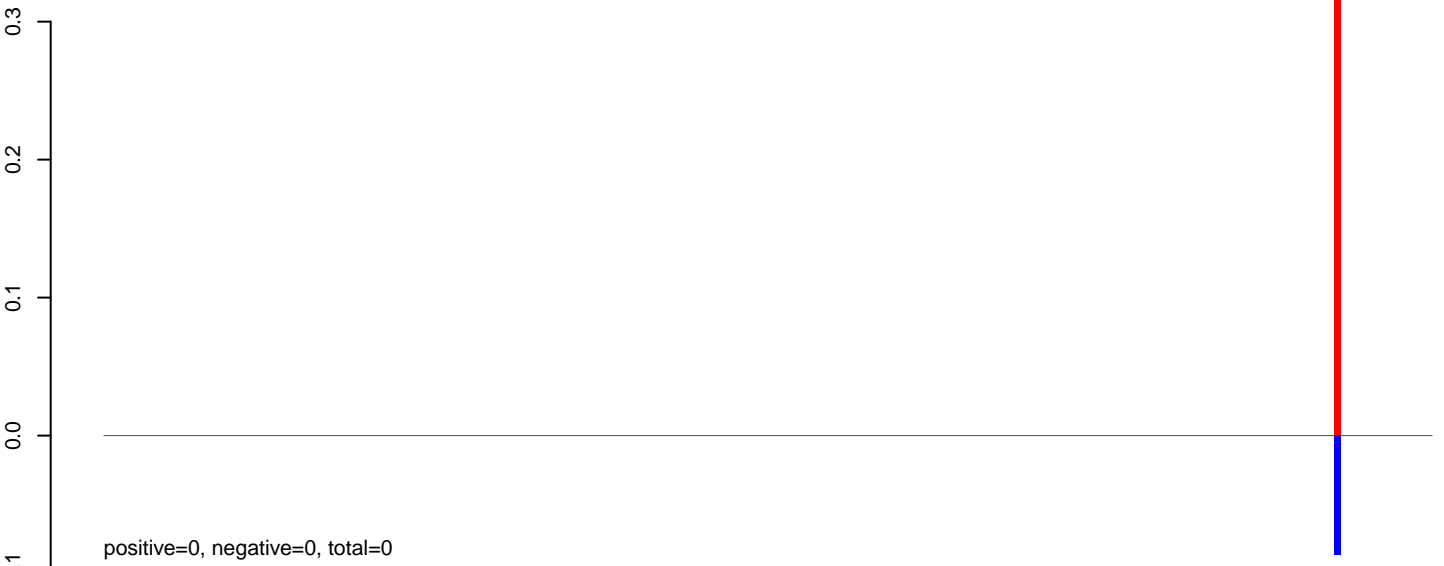
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



0 2000 4000 6000 8000 10000



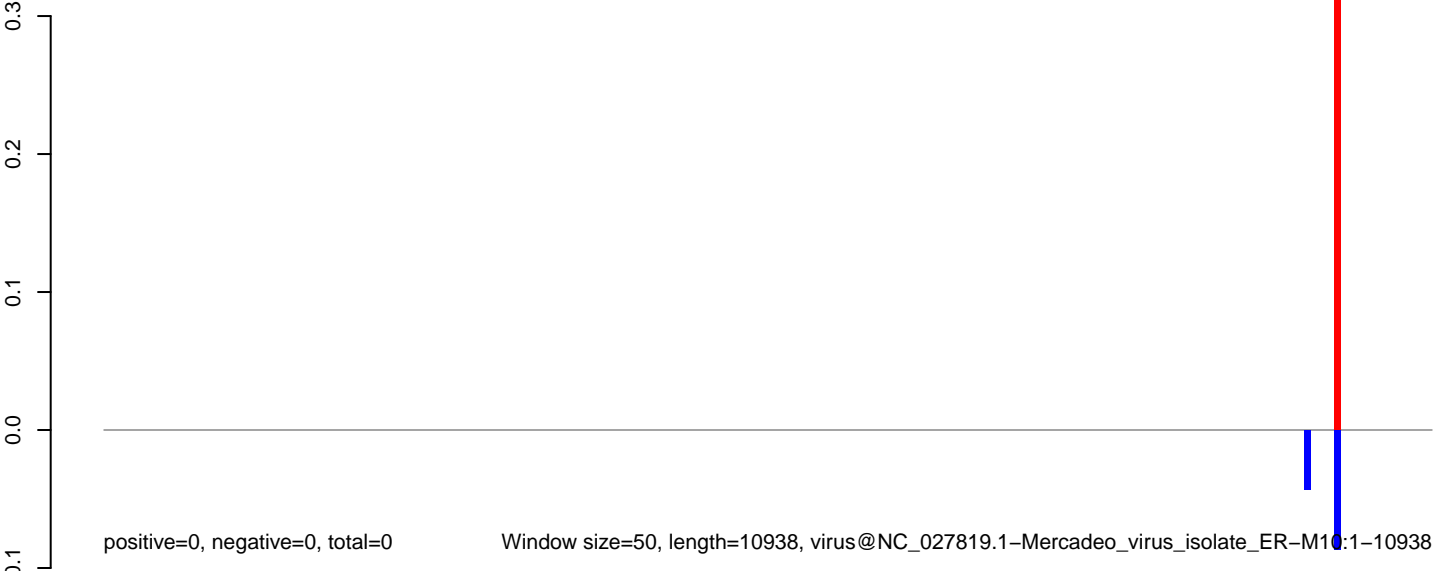
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



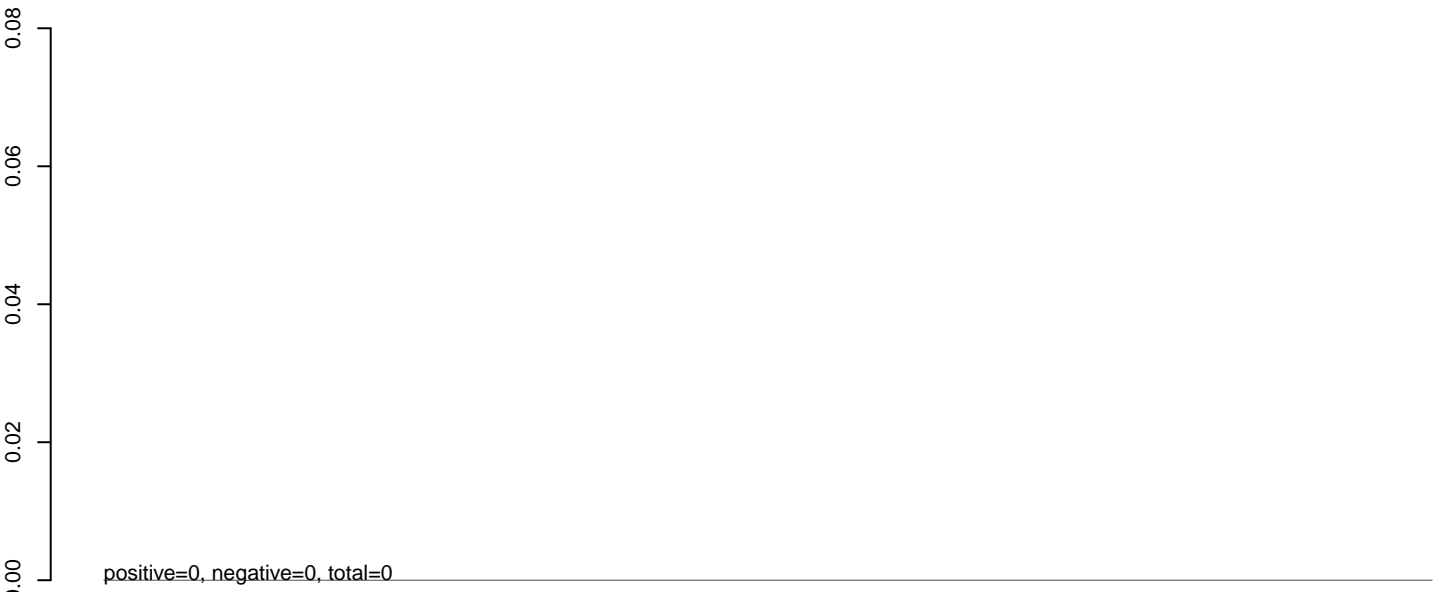
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



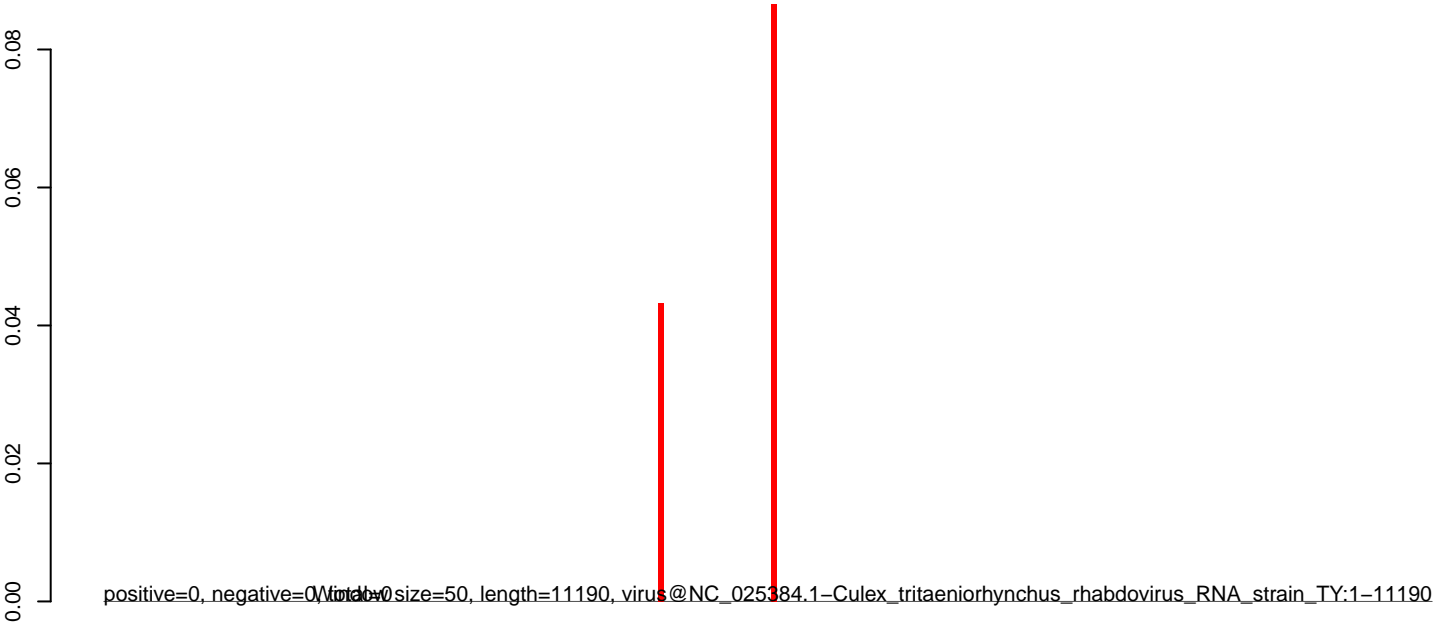
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



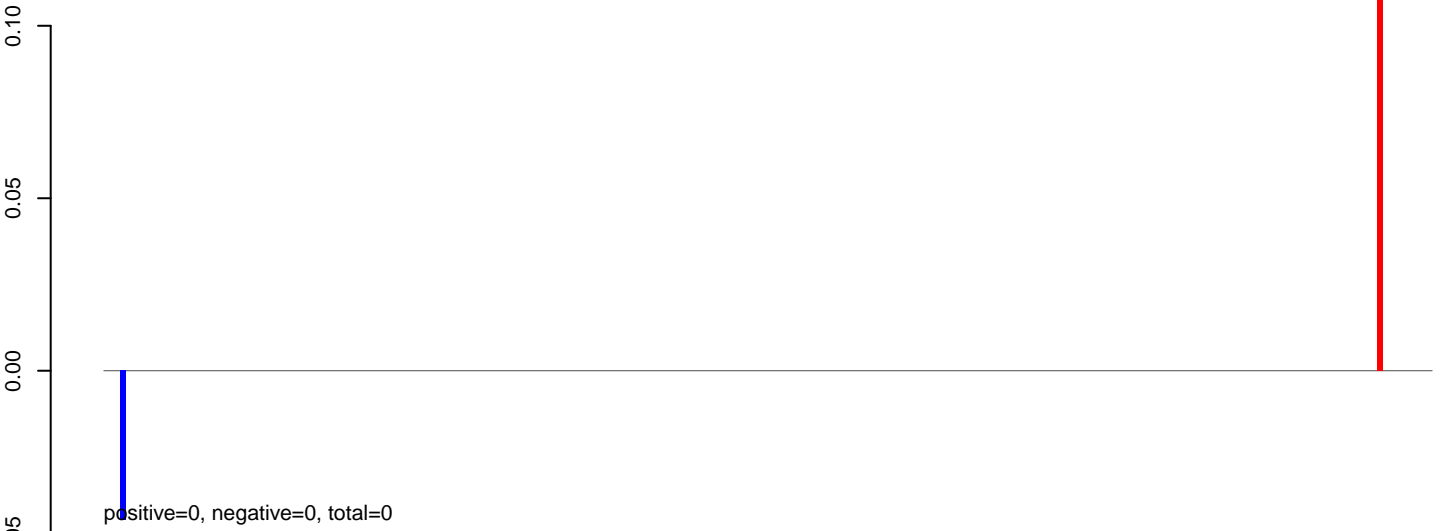
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



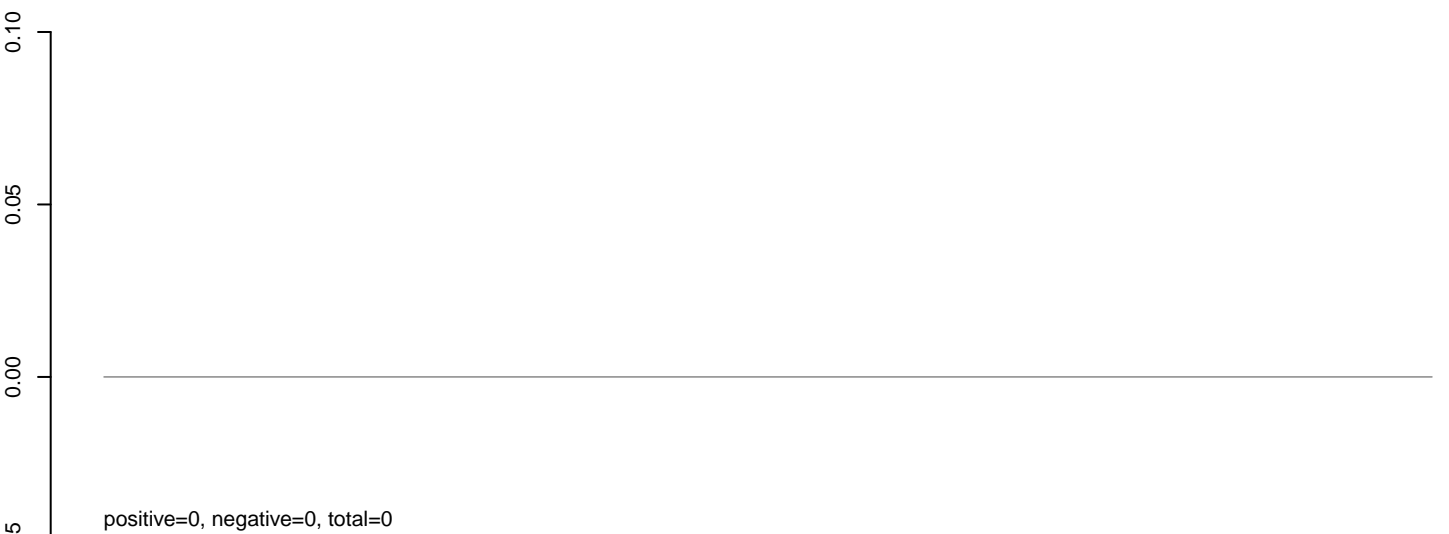
Window size=50, length=11190, virus@NC\_025384.1-Culex tritaeniorhynchus rhabdovirus RNA strain\_TY:1-11190

0 2000 4000 6000 8000 10000

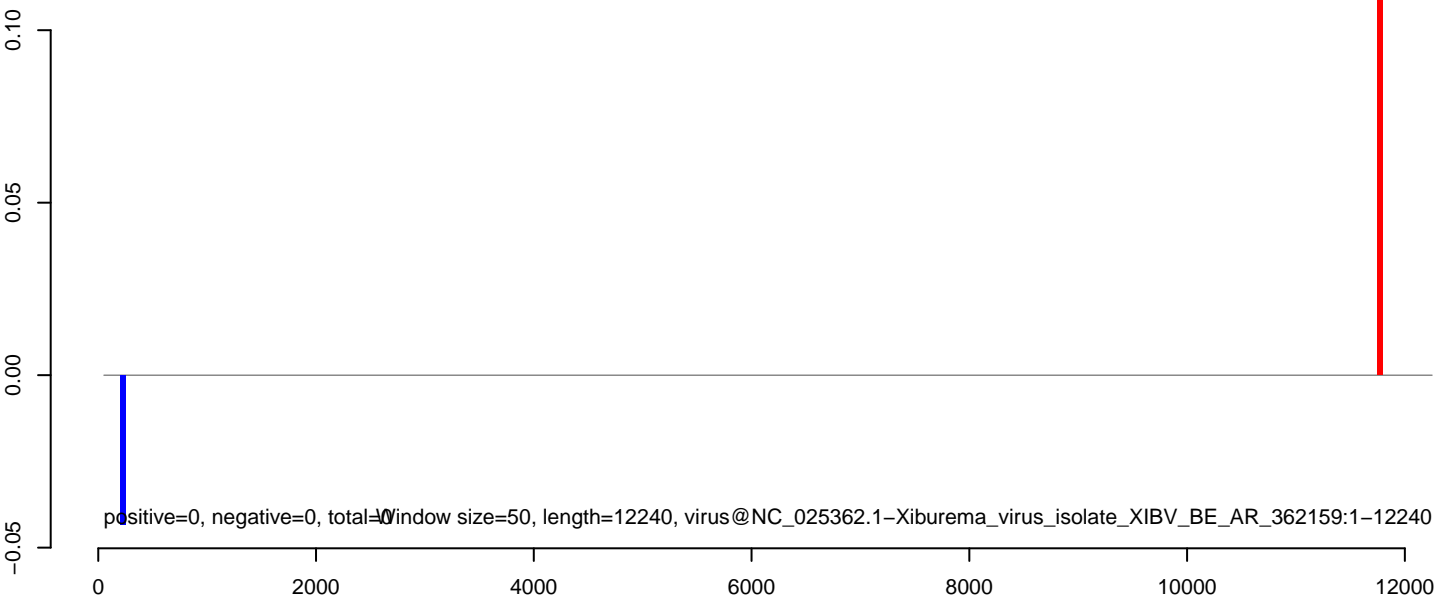
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



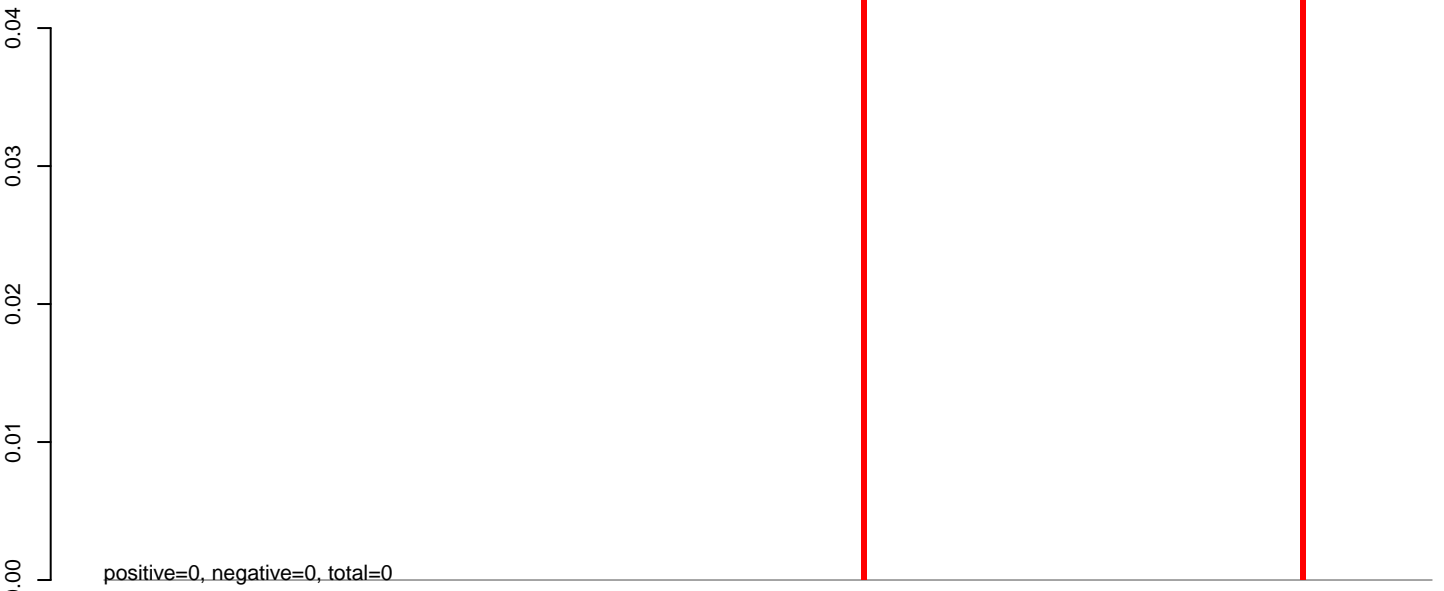
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



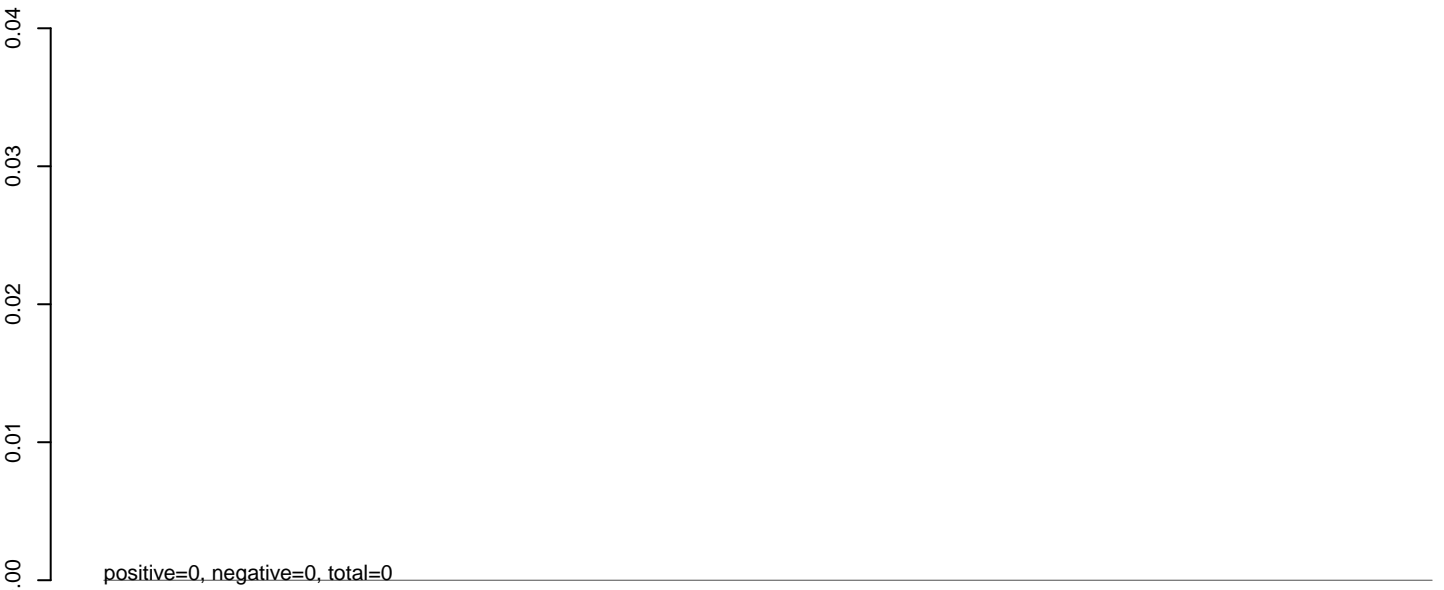
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

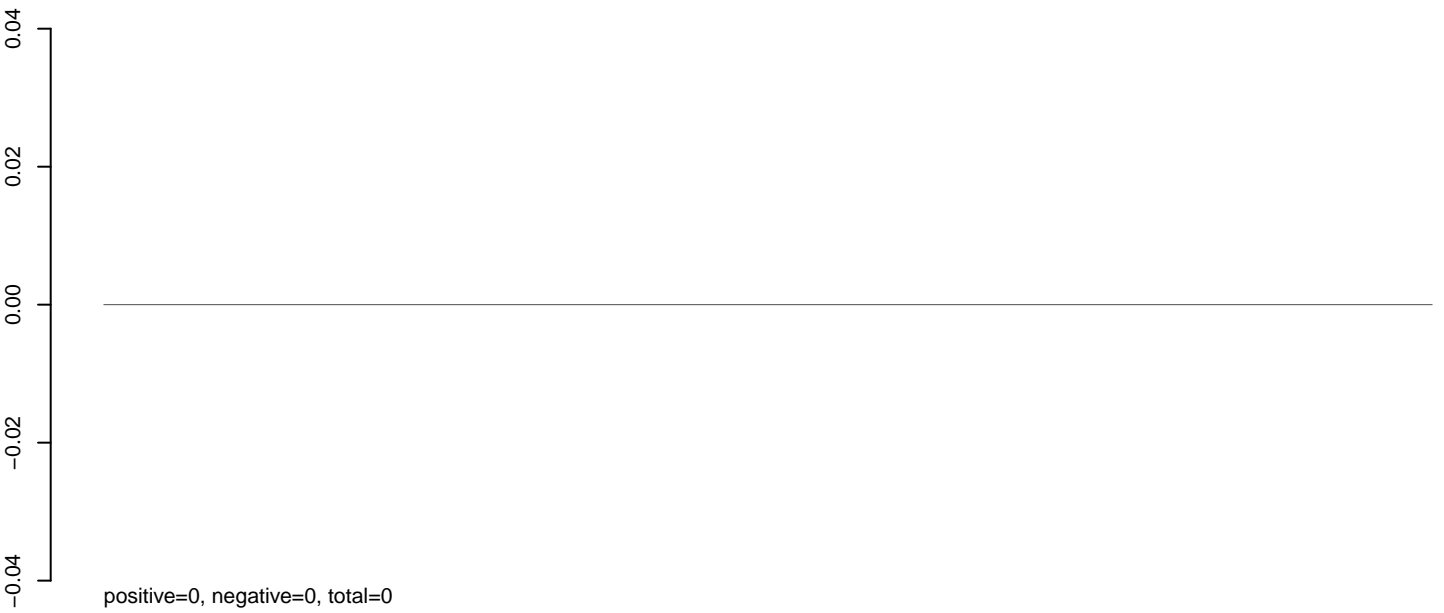


0 2000 4000 6000 8000 10000

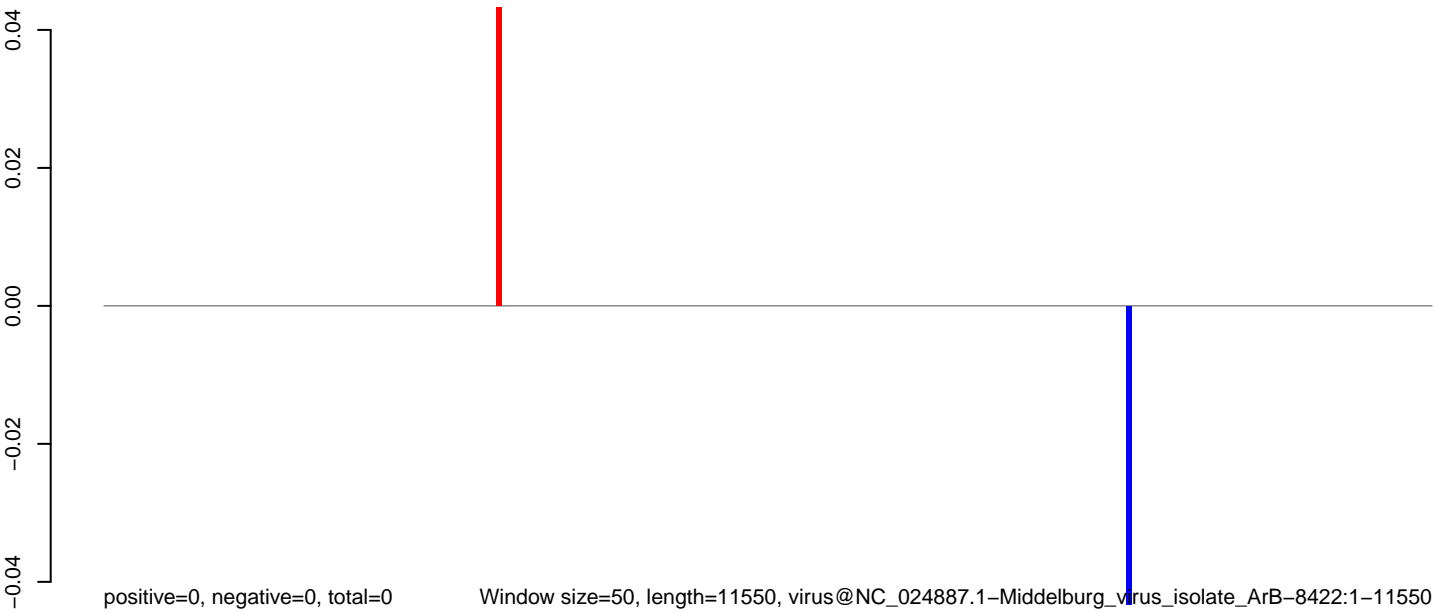
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



0 2000 4000 6000 8000 10000 12000

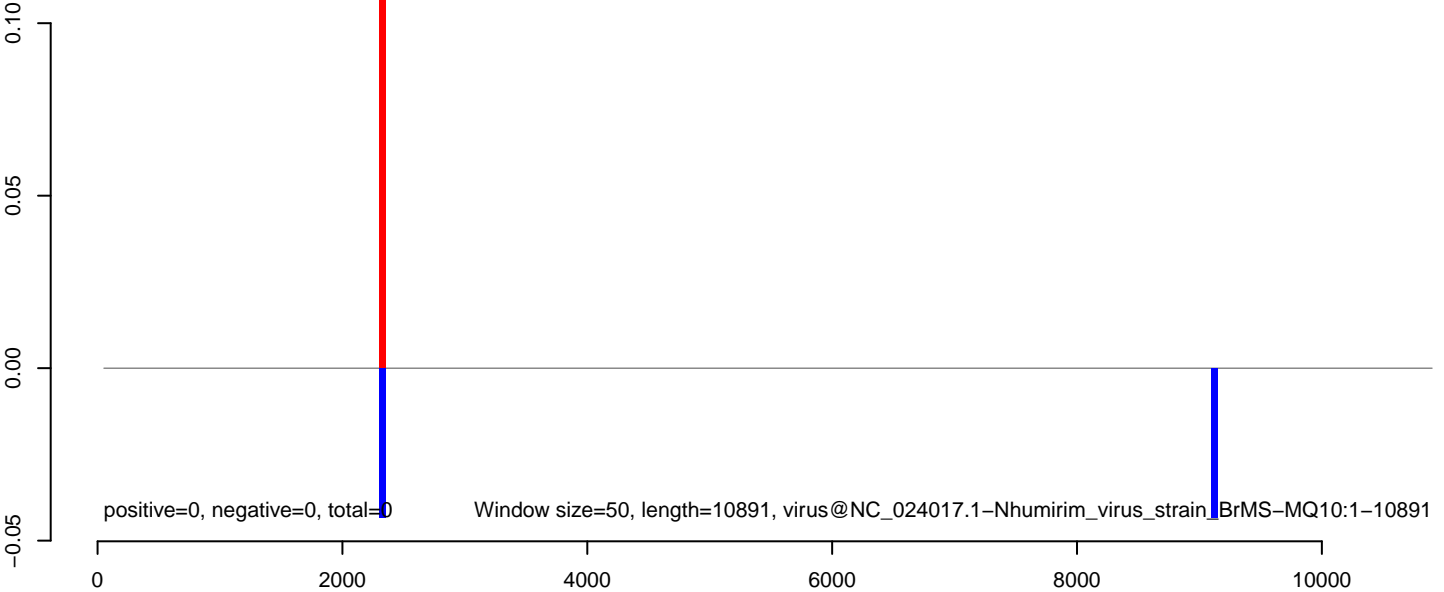
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



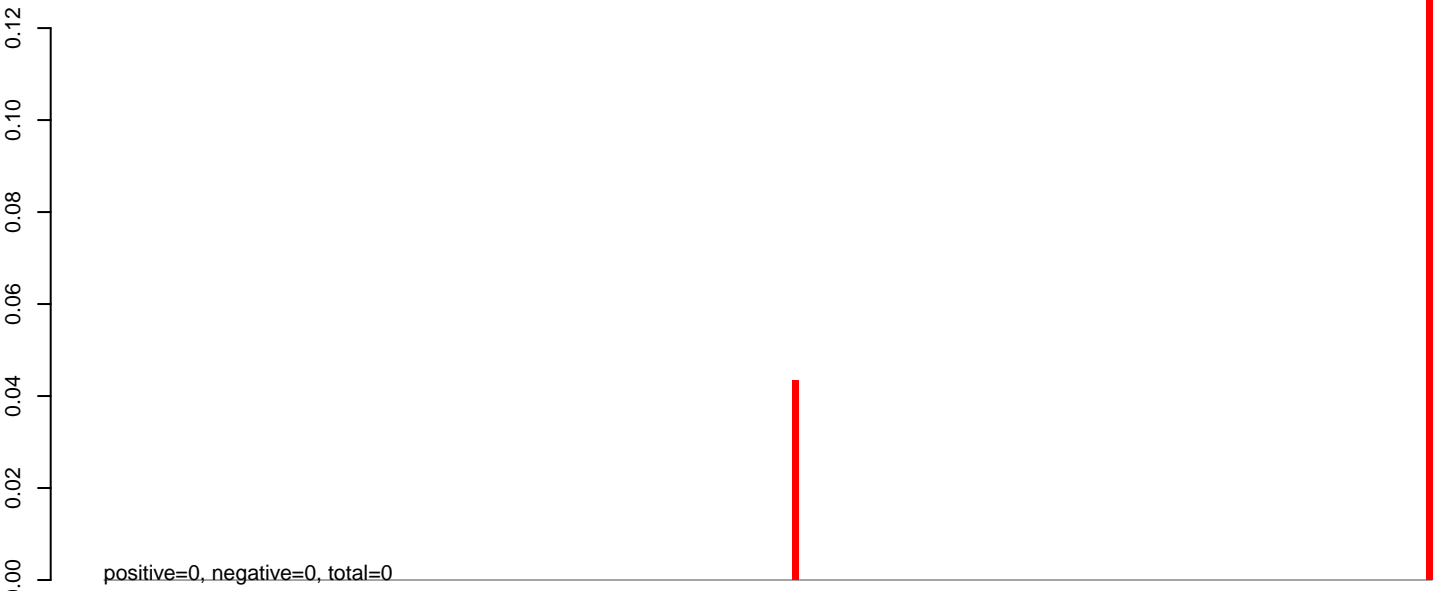
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



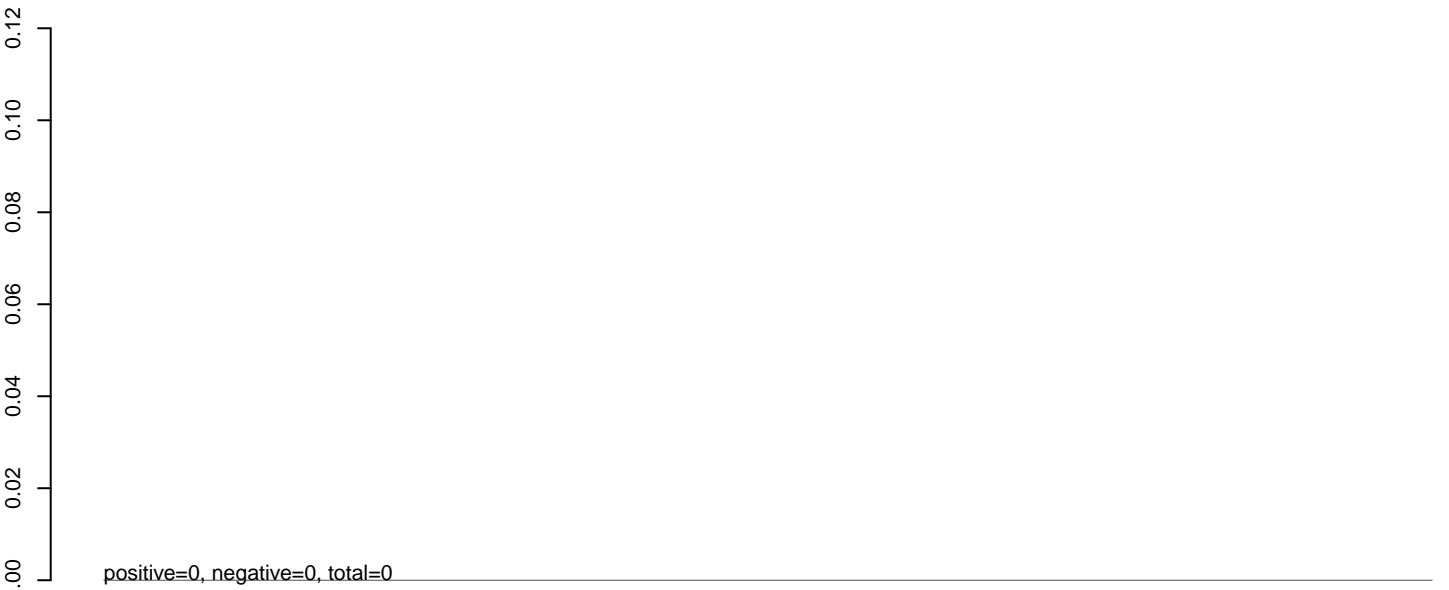
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



0 2000 4000 6000 8000 10000

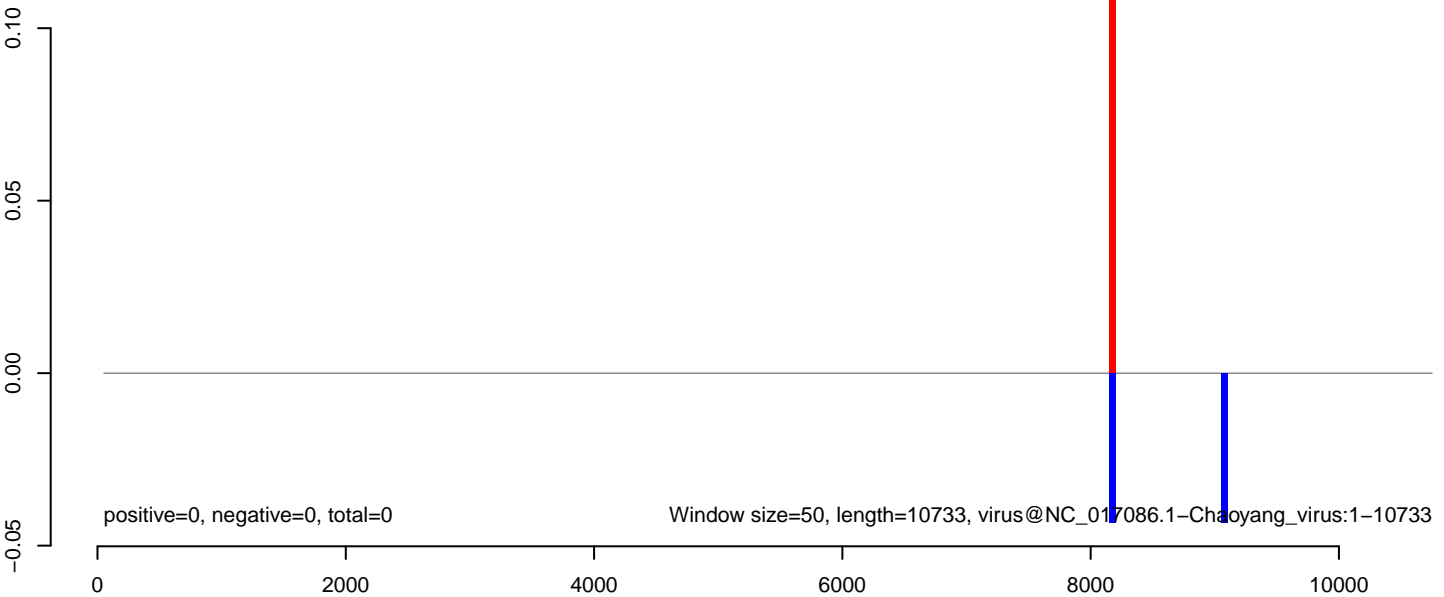
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

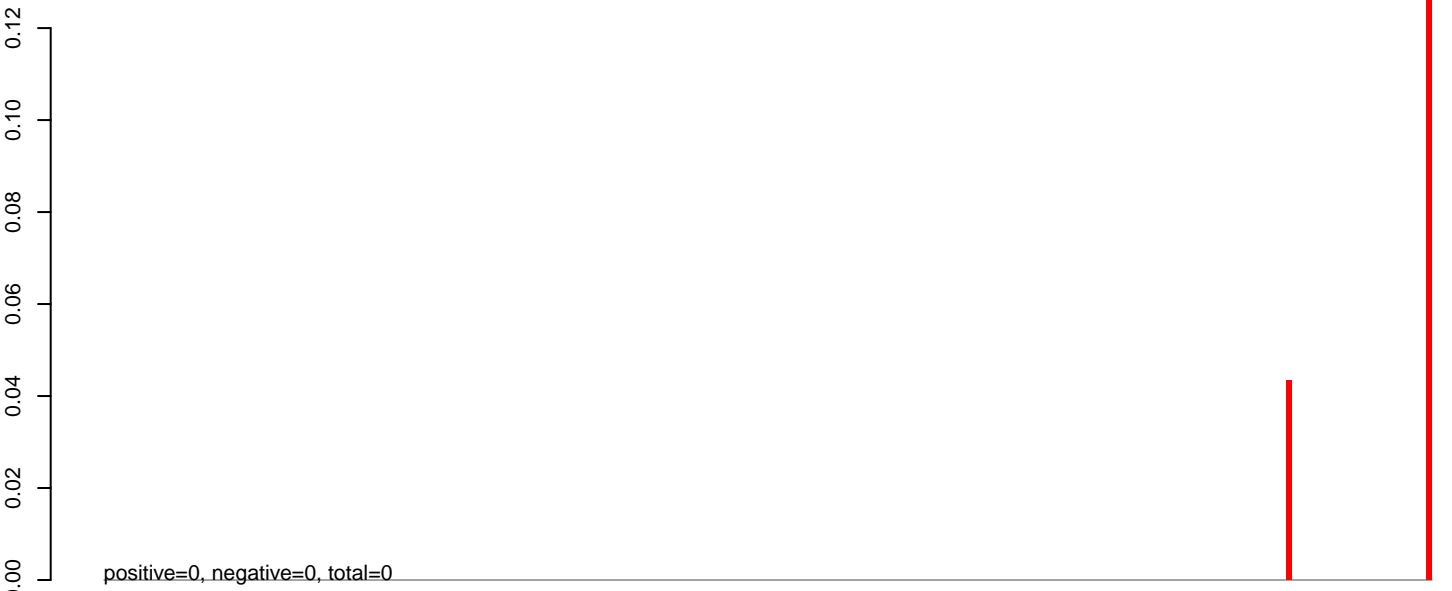


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

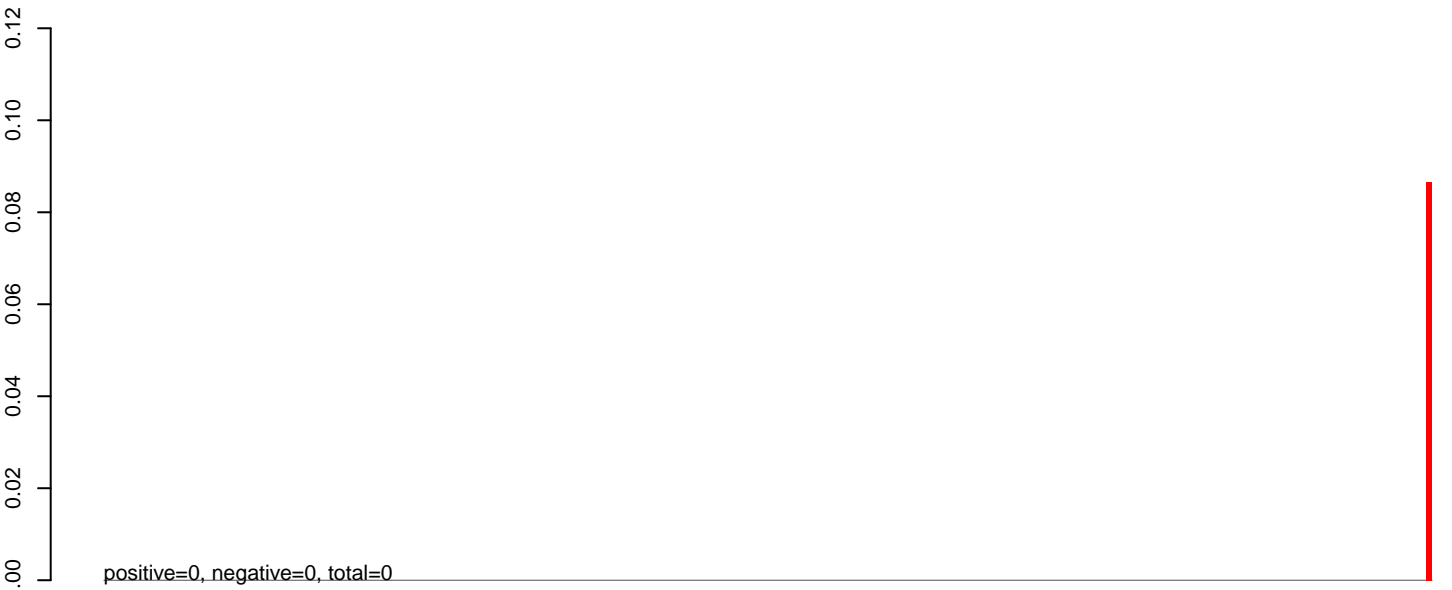




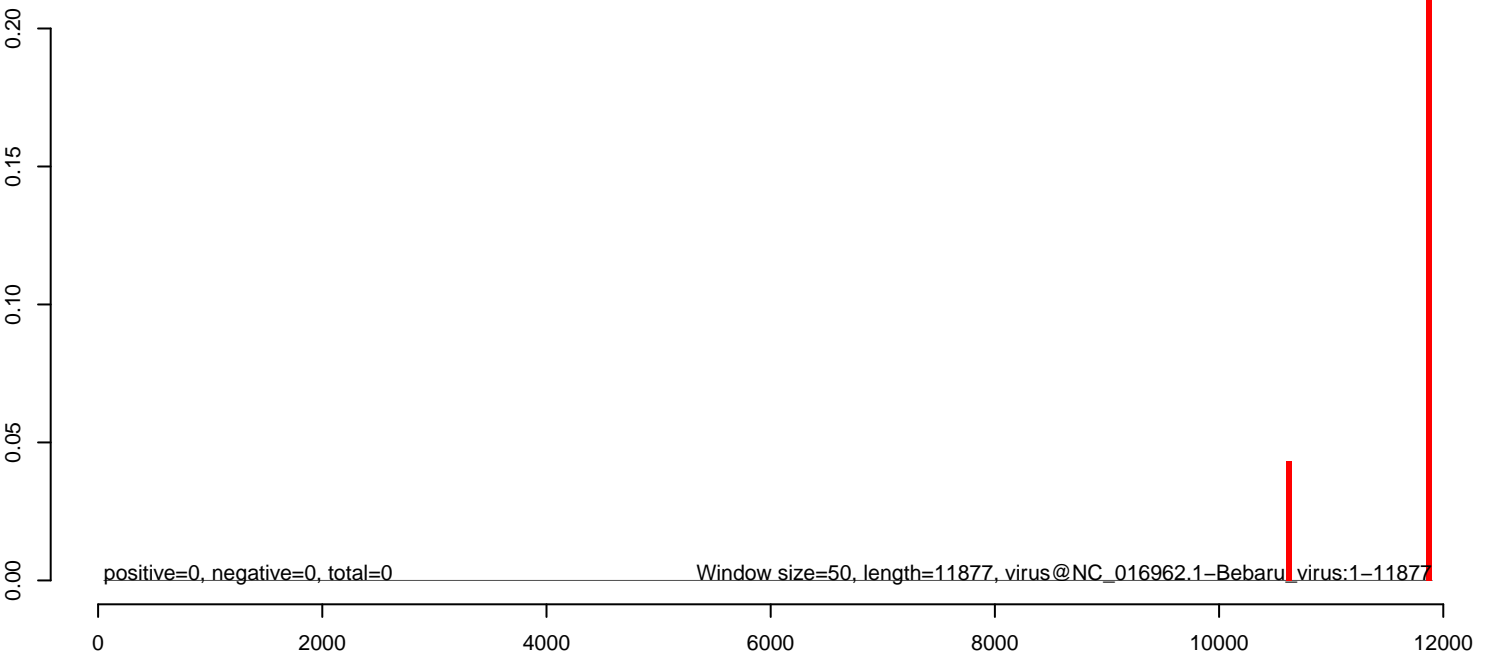
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



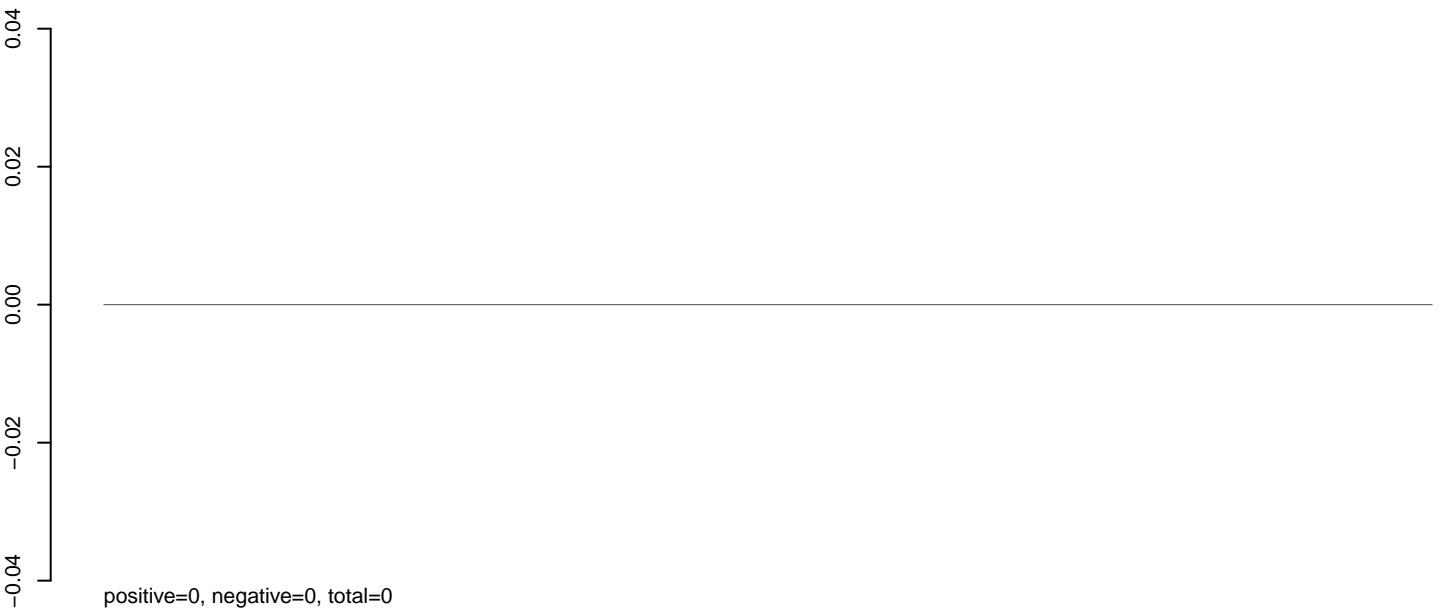
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



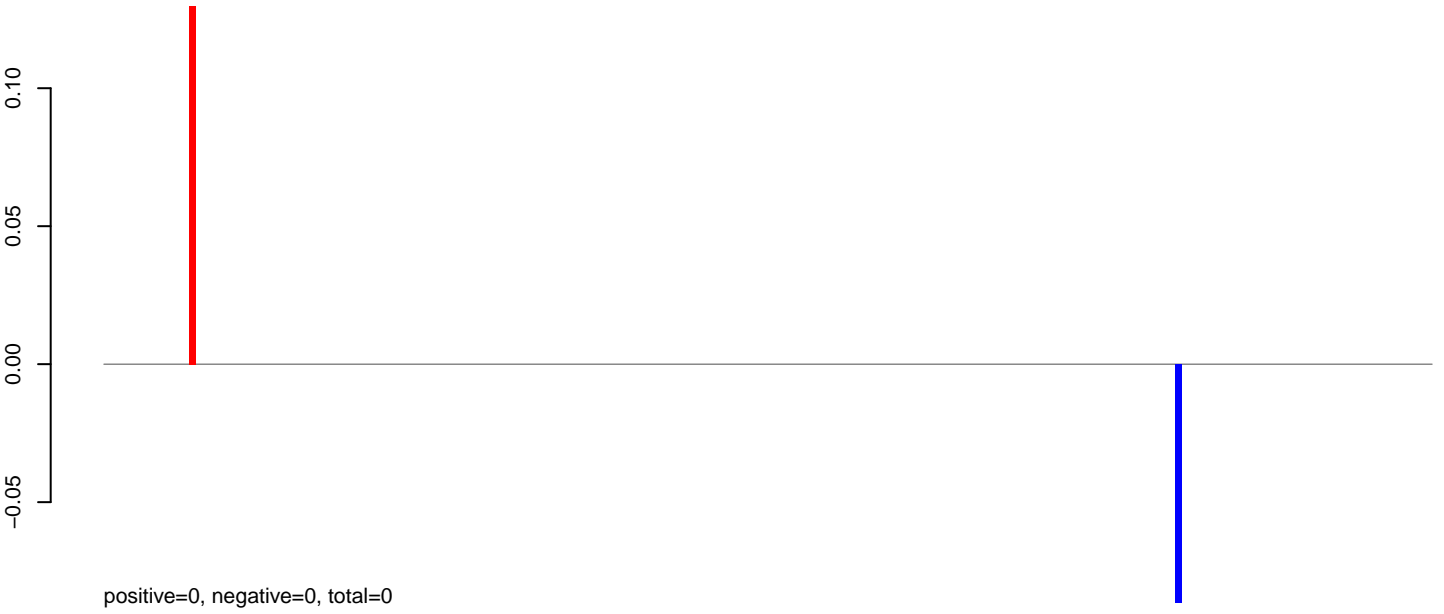
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



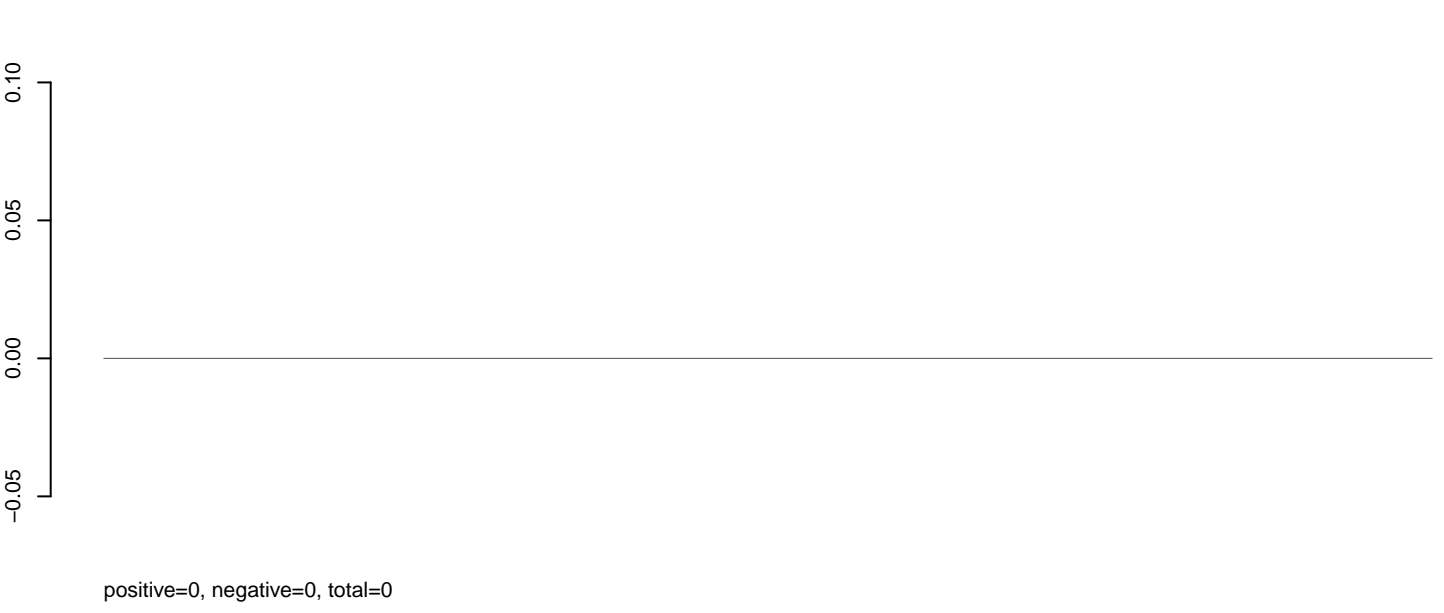
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



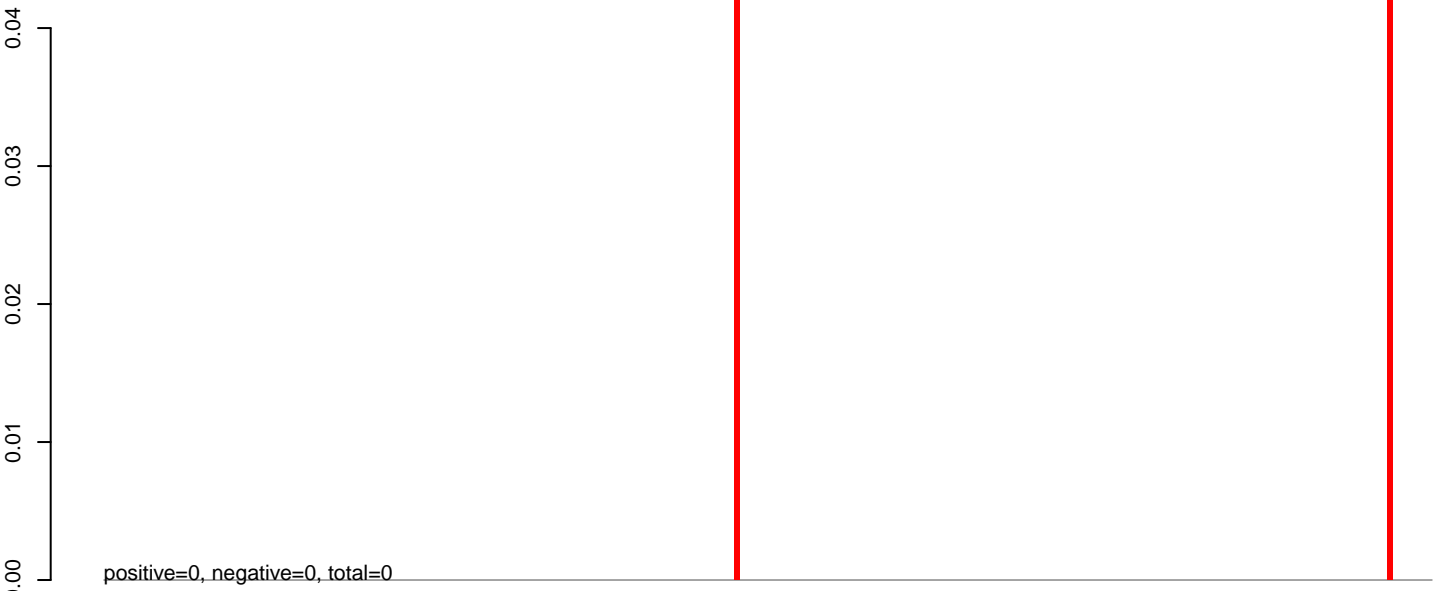
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



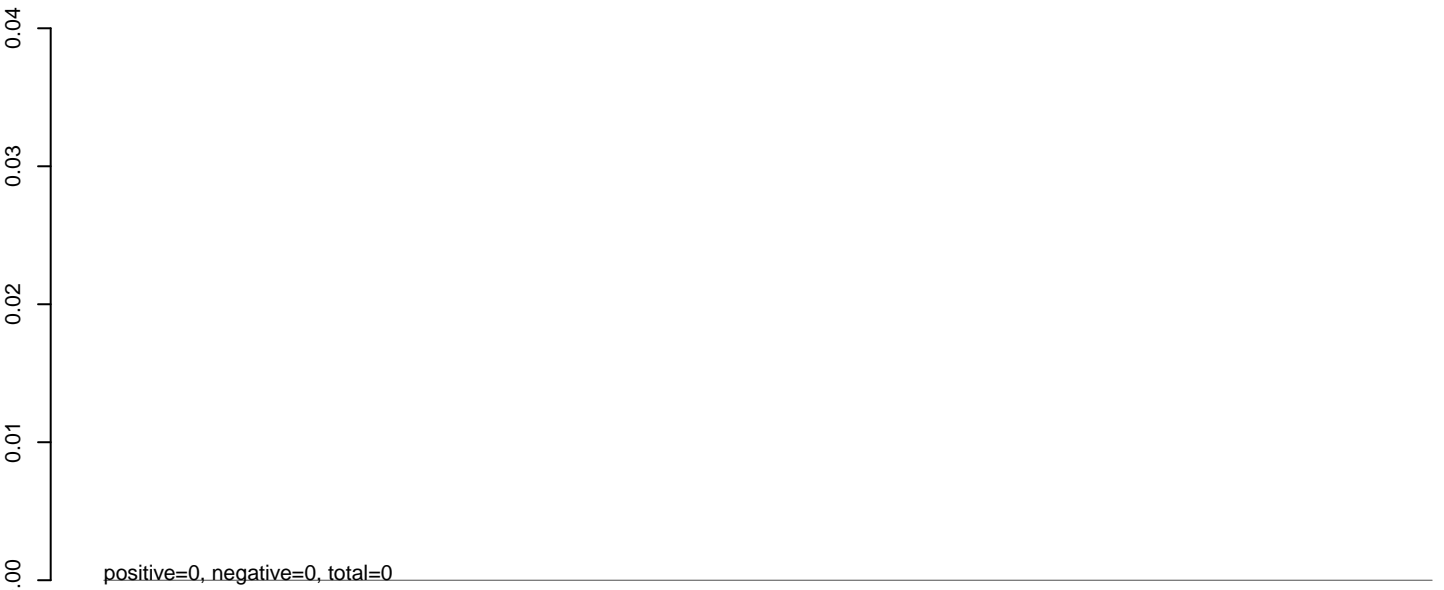
Window size=50, length=10857, virus@NC\_005039.1-Yokose\_virus:1-10857

0 2000 4000 6000 8000 10000

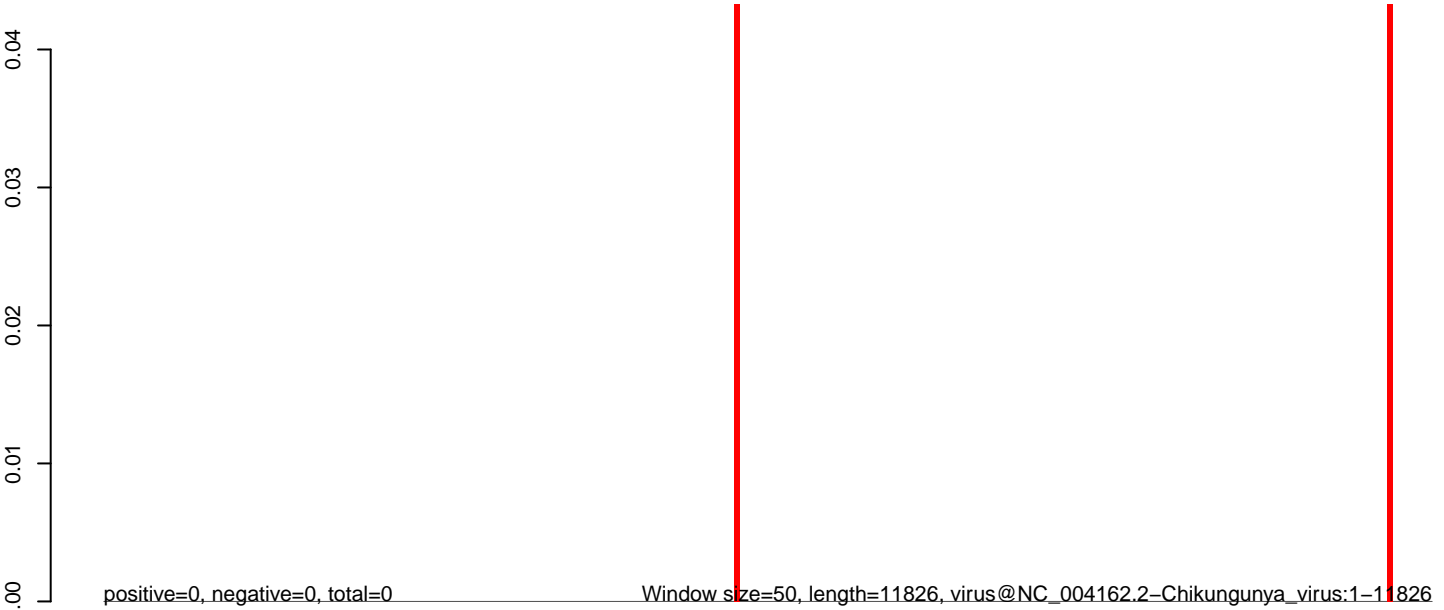
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

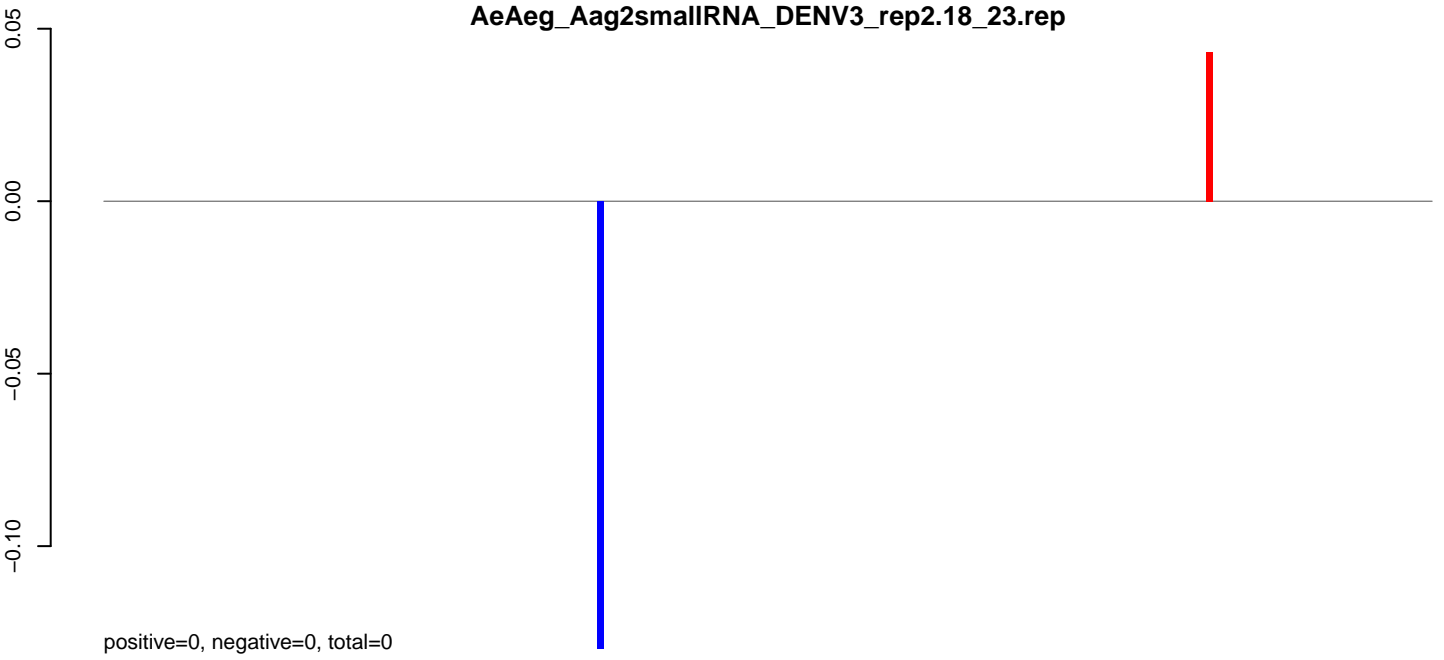


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

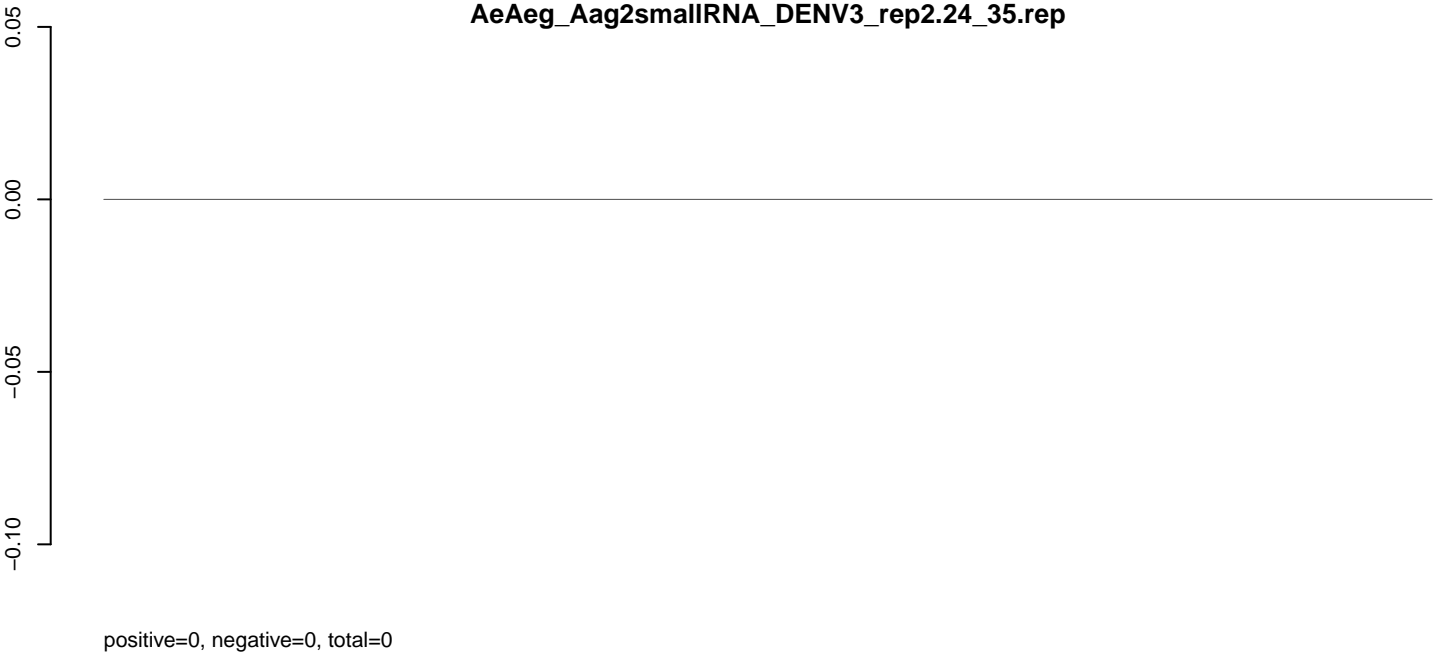


0 2000 4000 6000 8000 10000 12000

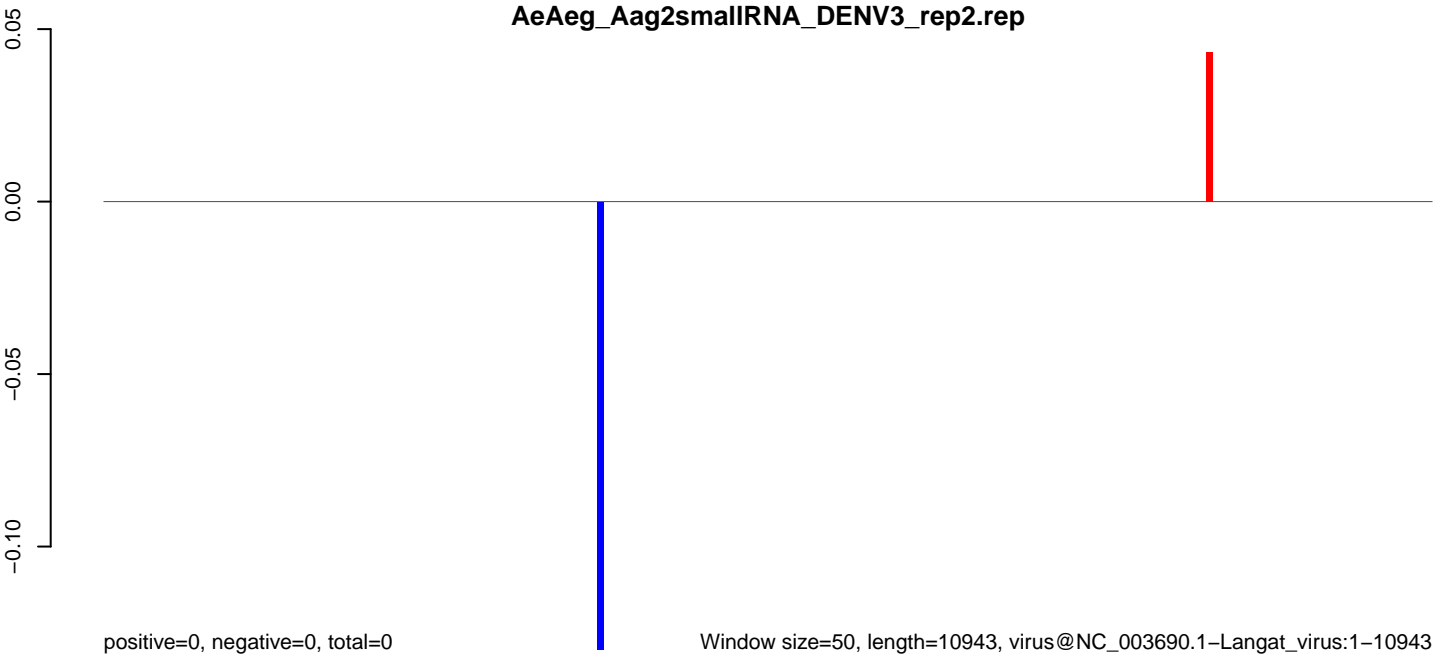
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

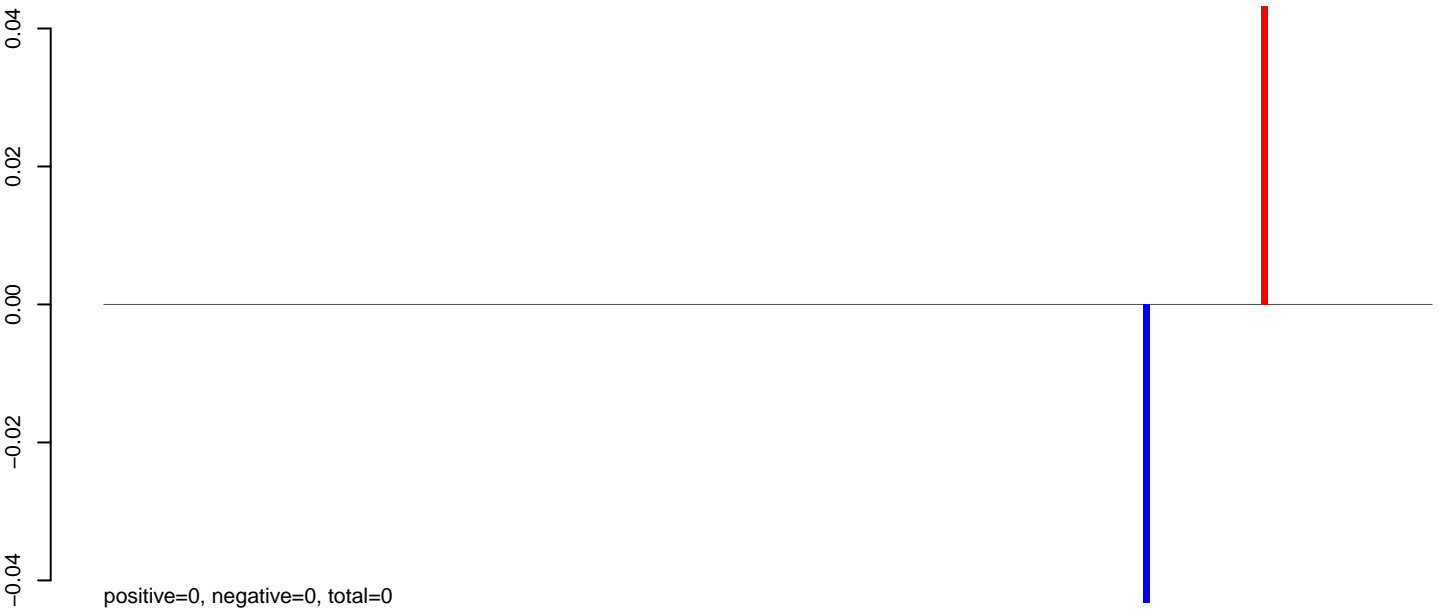


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

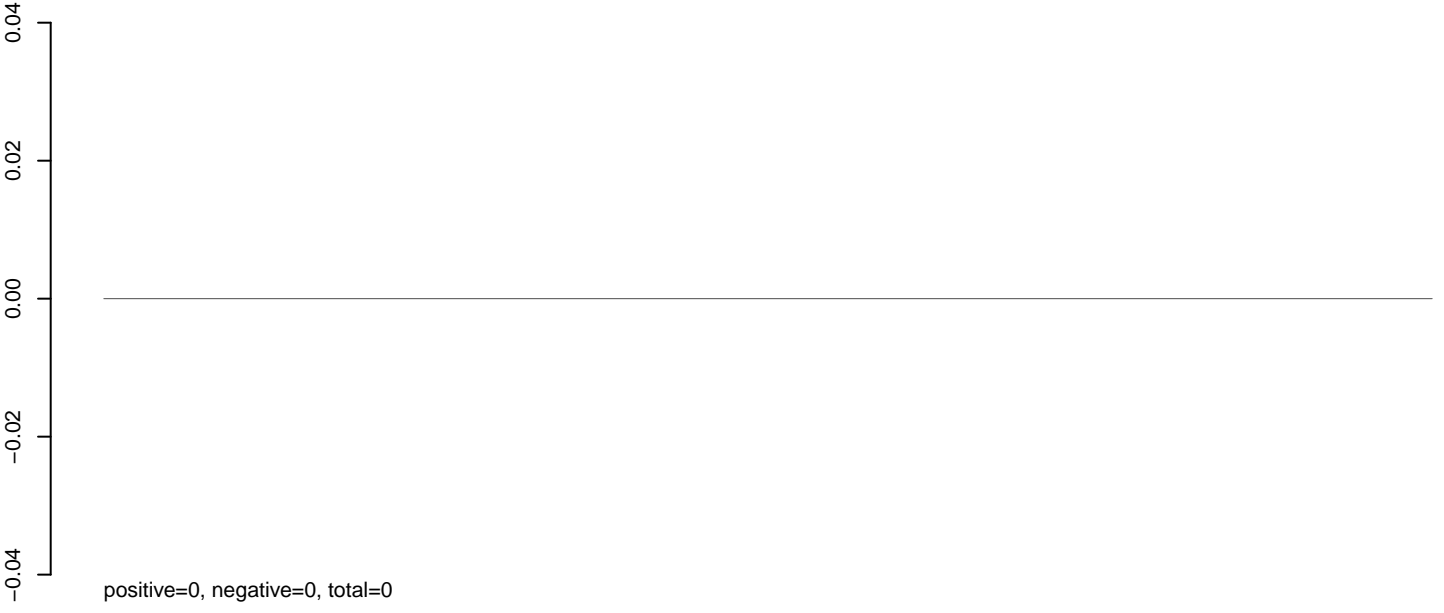


Window size=50, length=10943, virus@NC\_003690.1-Langat\_virus:1-10943

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

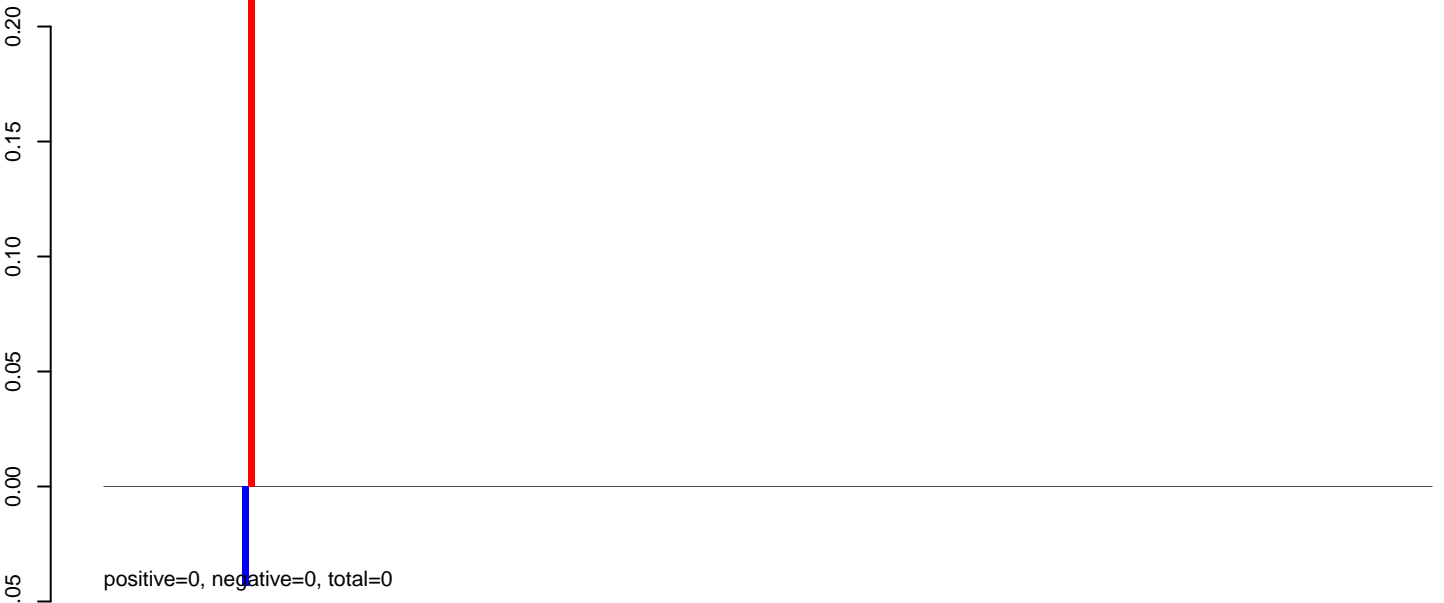


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



0 2000 4000 6000 8000 10000

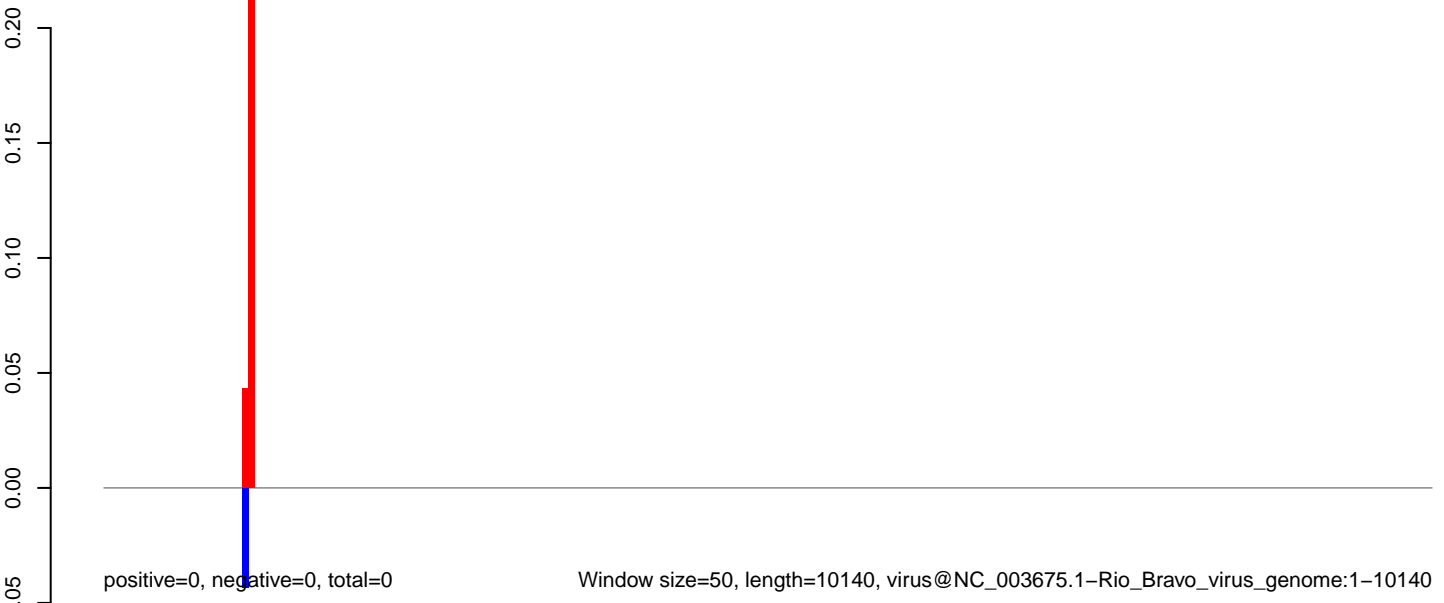
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.18\_23.rep**



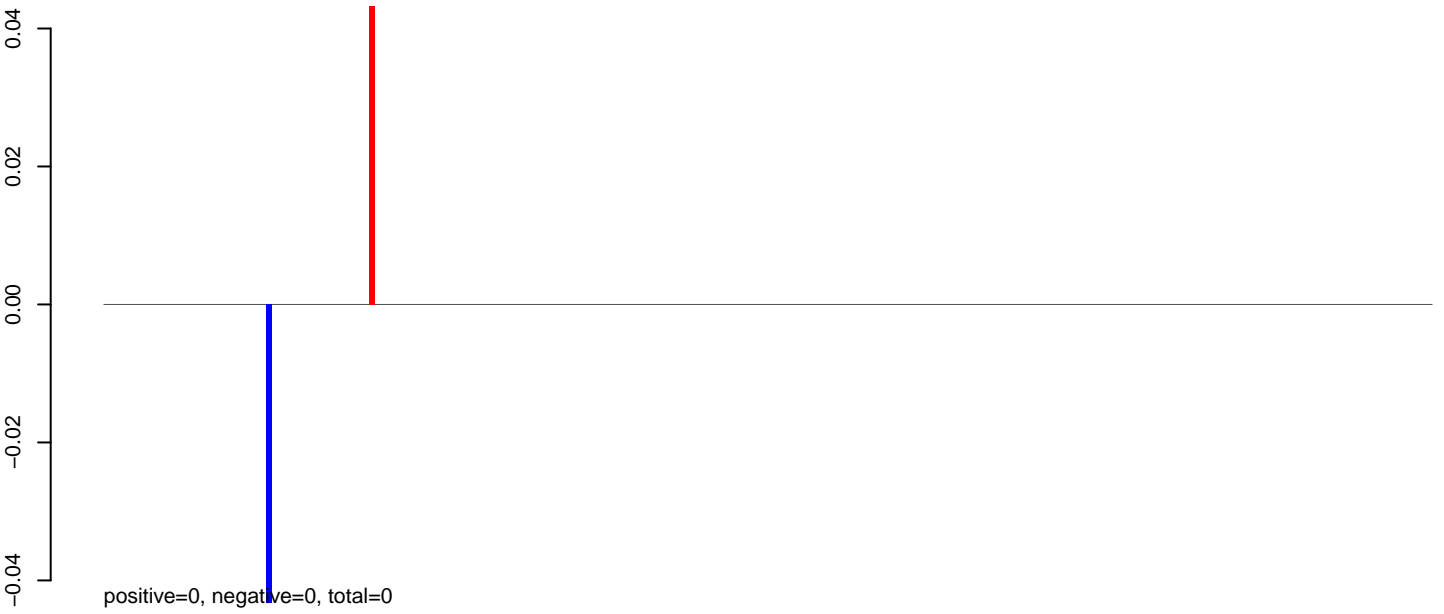
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.24\_35.rep**



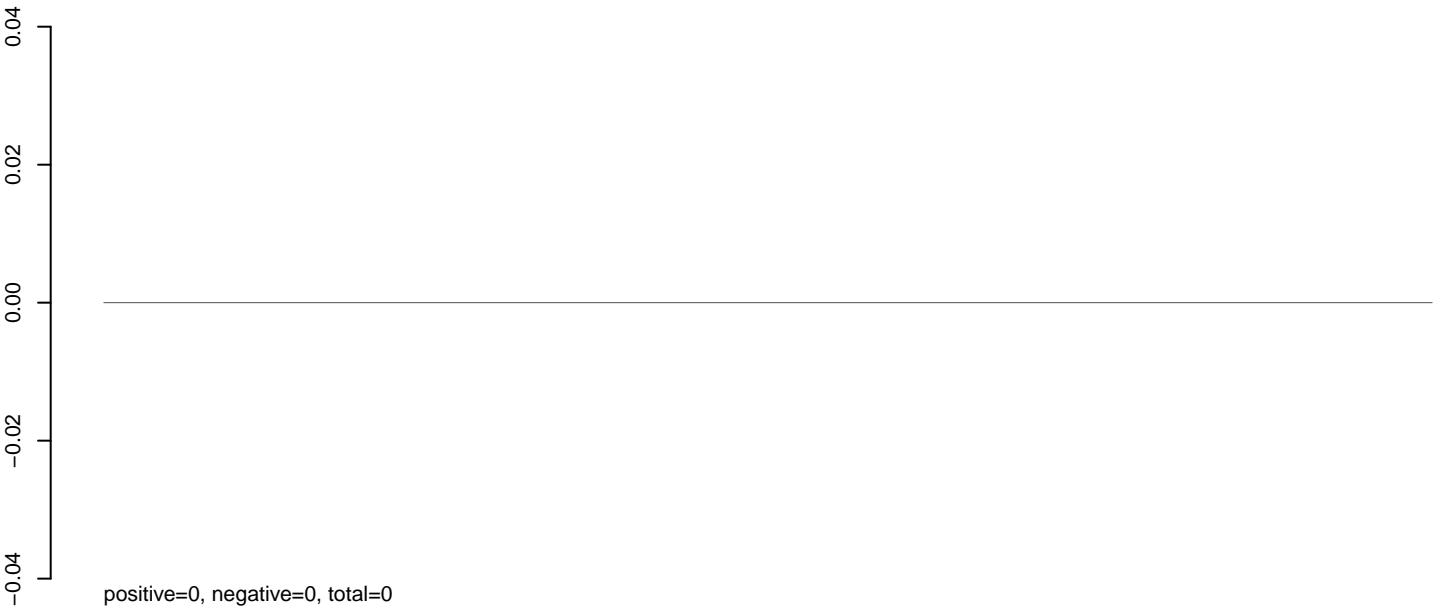
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

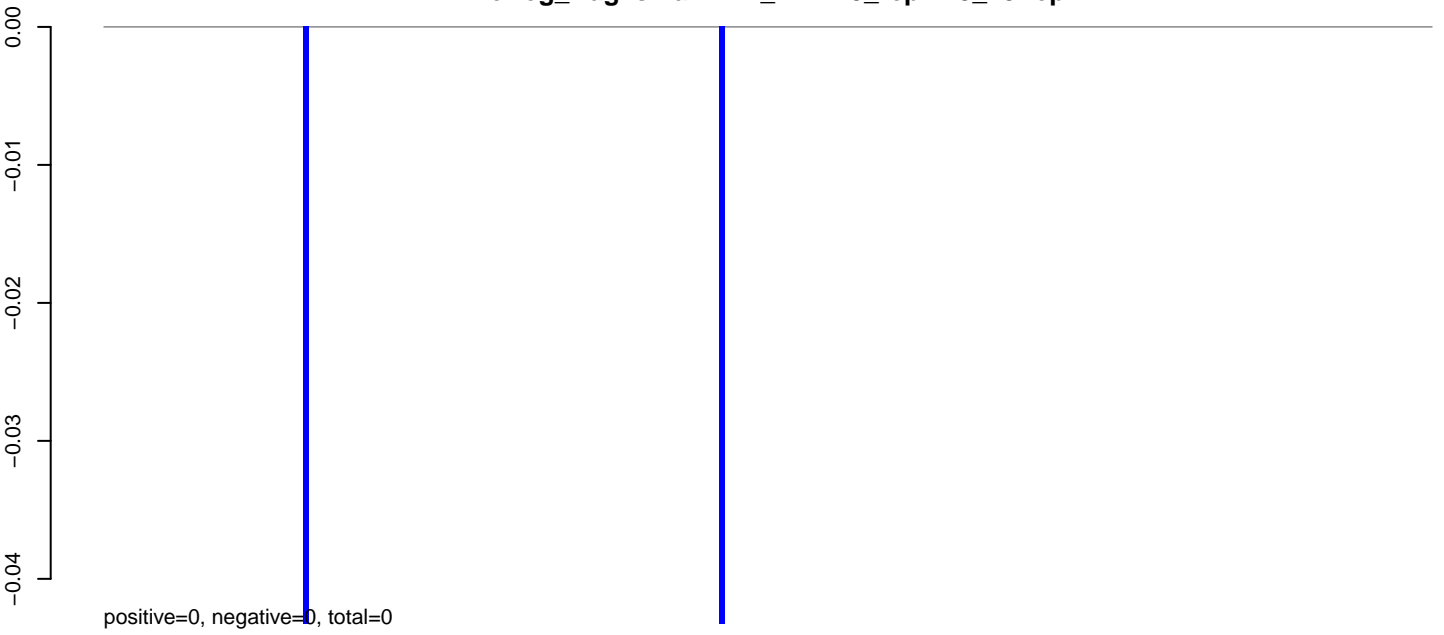


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

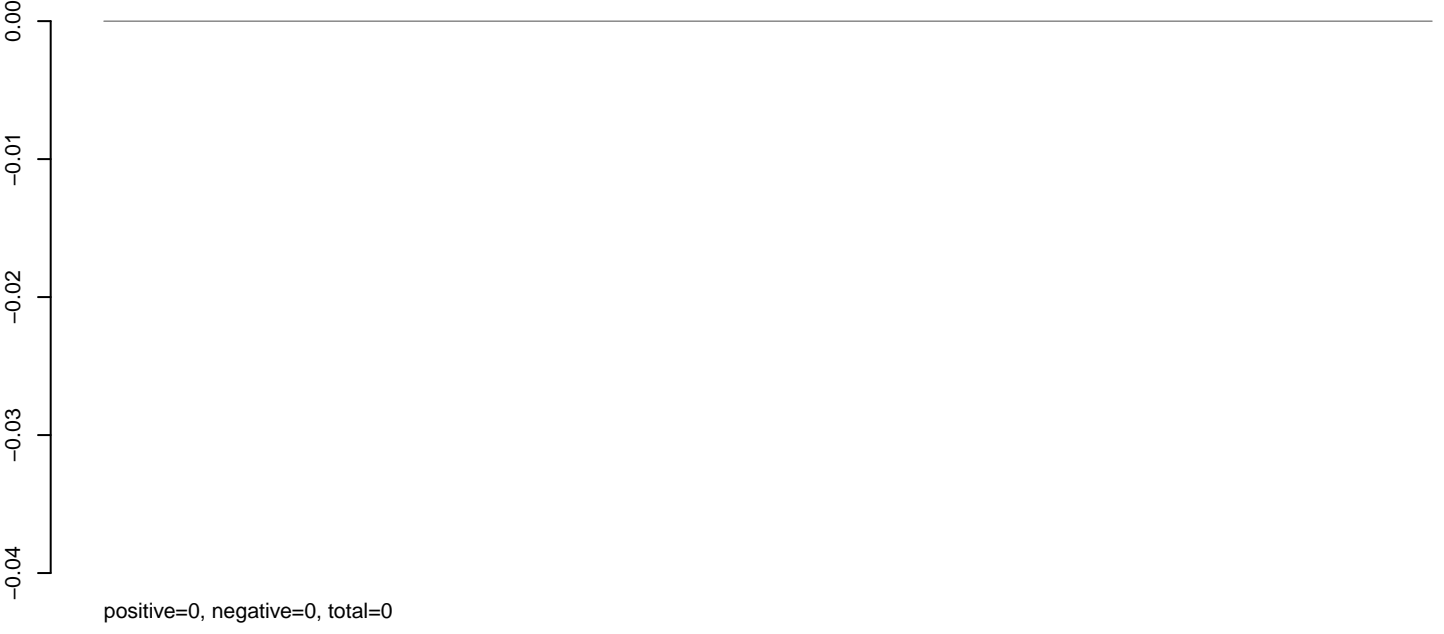




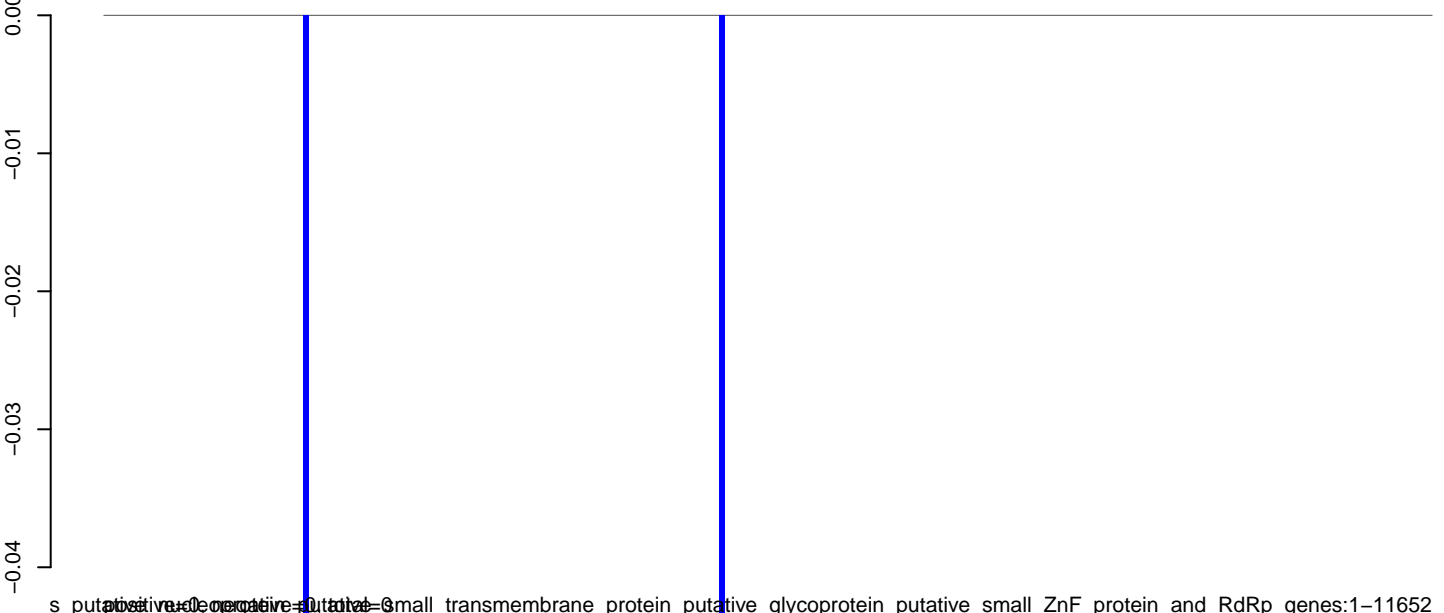
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



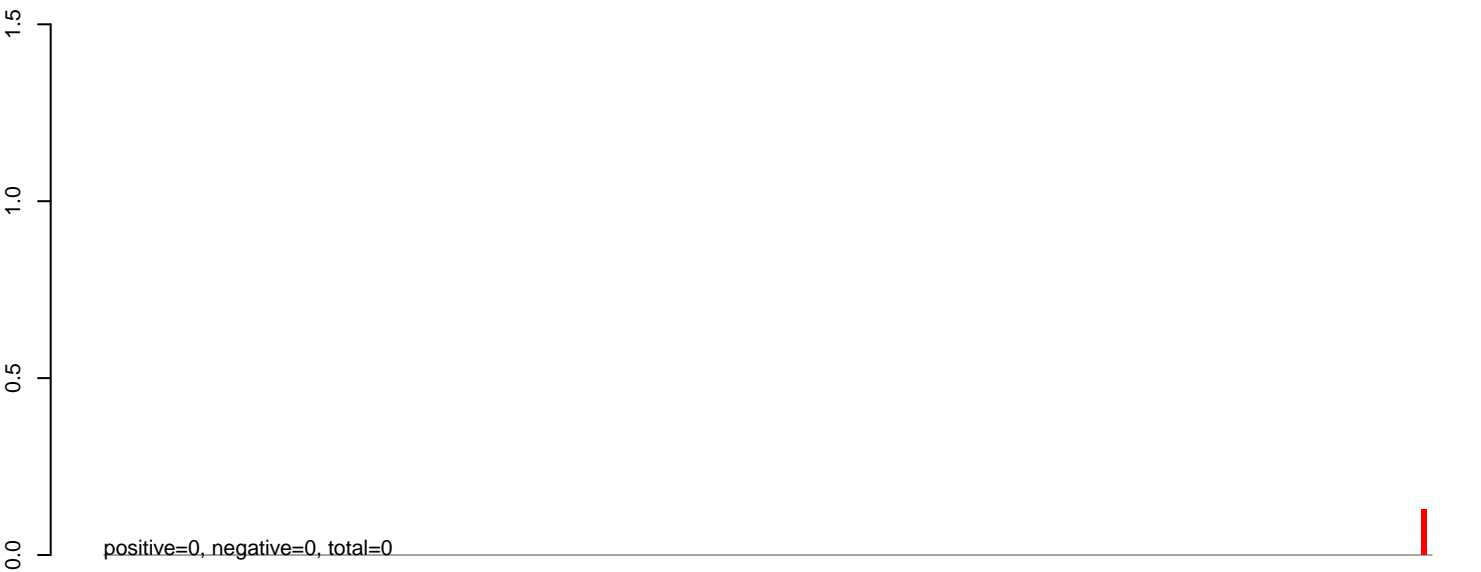
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



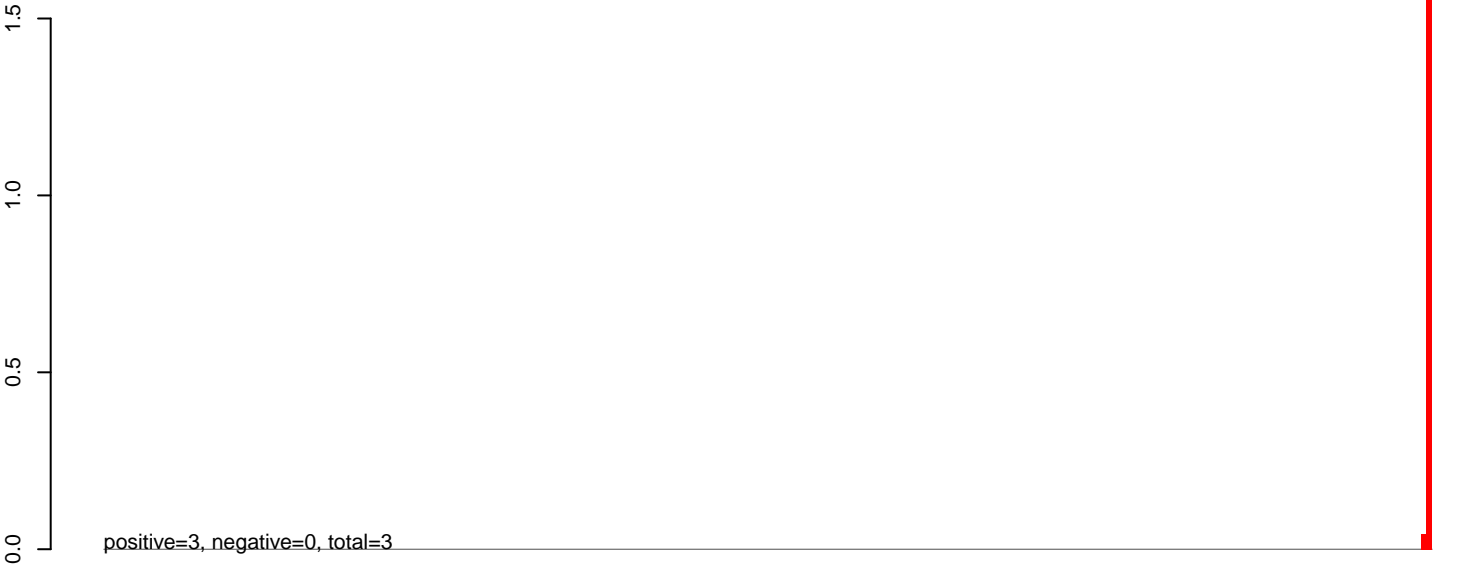
s\_putative\_small\_transmembrane\_protein\_putative\_glycoprotein\_putative\_small\_ZnF\_protein\_and\_RdRp\_genes:1-11652

0 2000 4000 6000 8000 10000 12000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**

0.25  
0.20  
0.15  
0.10  
0.05  
0.00  
-0.05

positive=0, negative=0, total=0

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

0.25  
0.20  
0.15  
0.10  
0.05  
0.00  
-0.05

positive=1, negative=0, total=1

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

0.4  
0.3  
0.2  
0.1  
0.0

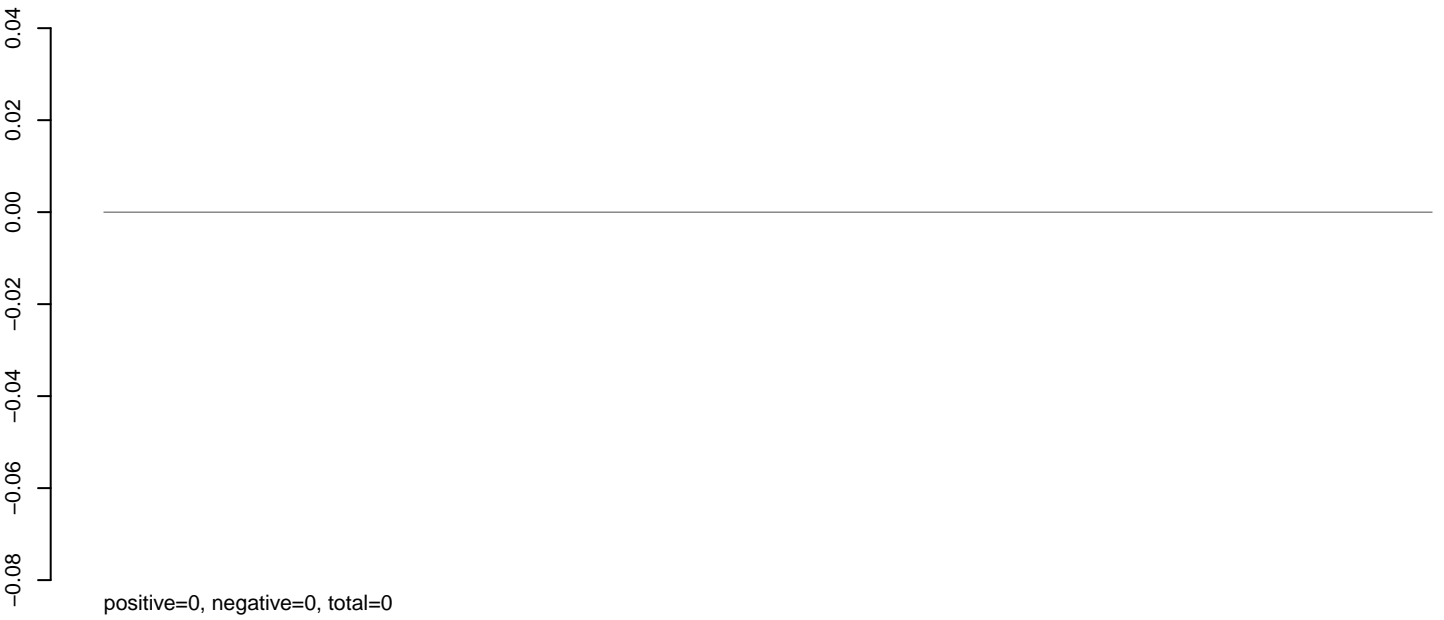
e=50, positive=12052, negative=0, total=12052  
1-Trocaravirus\_non\_structural\_polyprotein\_gene\_partial\_cds\_and\_structural\_polyprotein\_gene:1-12052

0 2000 4000 6000 8000 10000 12000

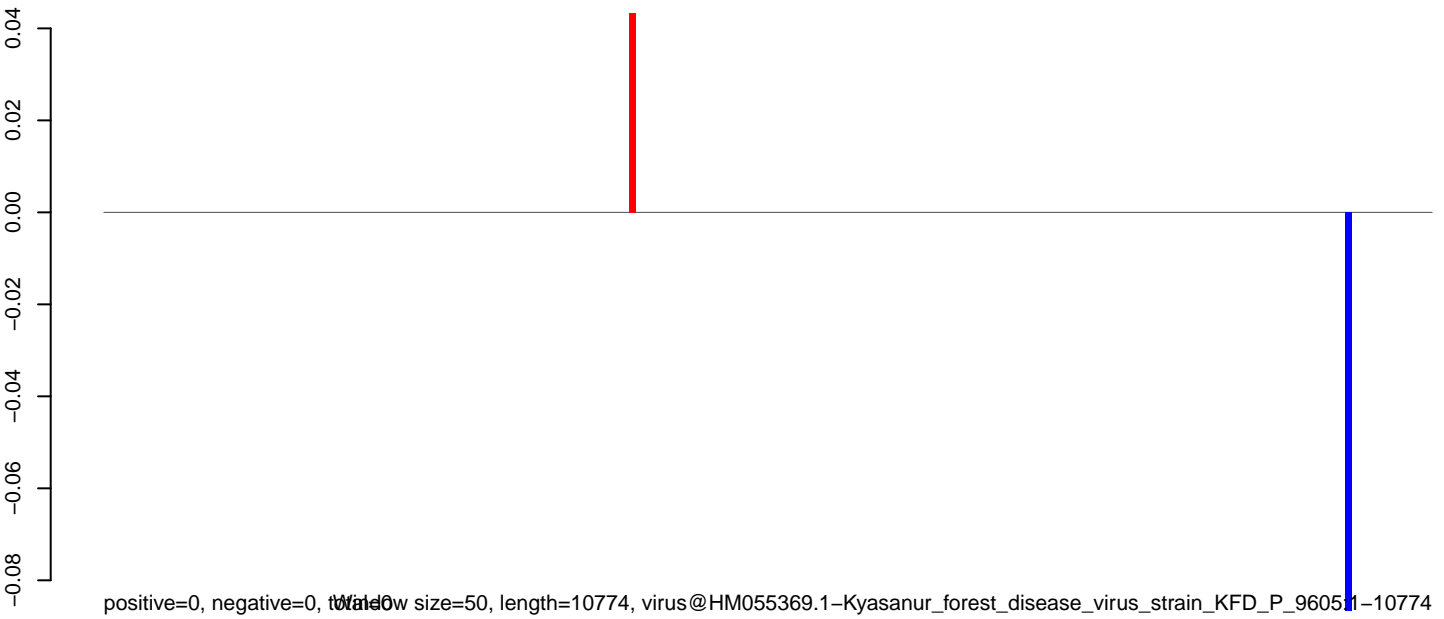
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



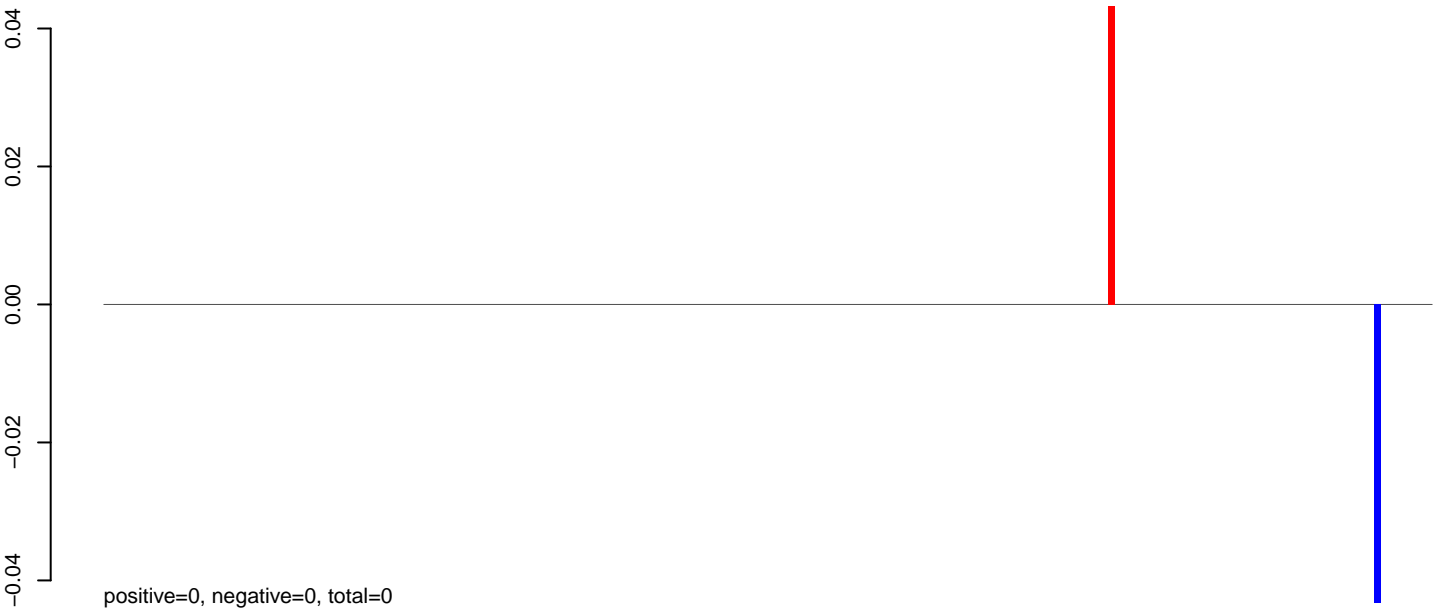
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



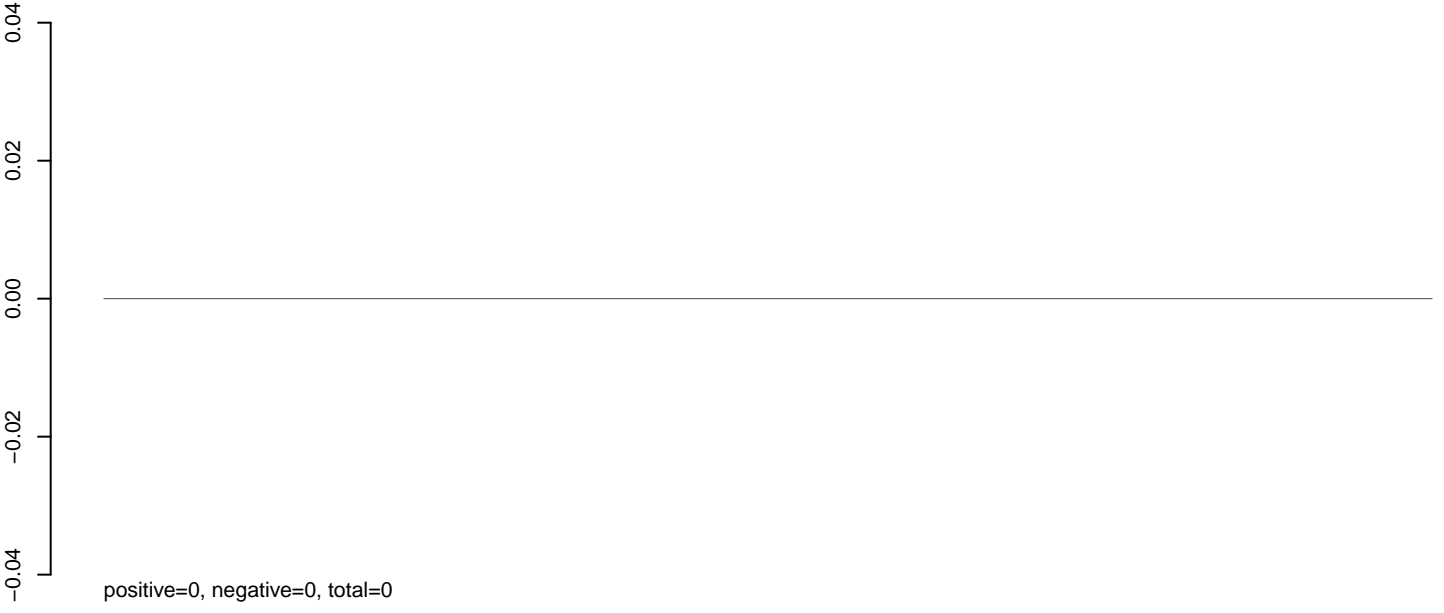
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



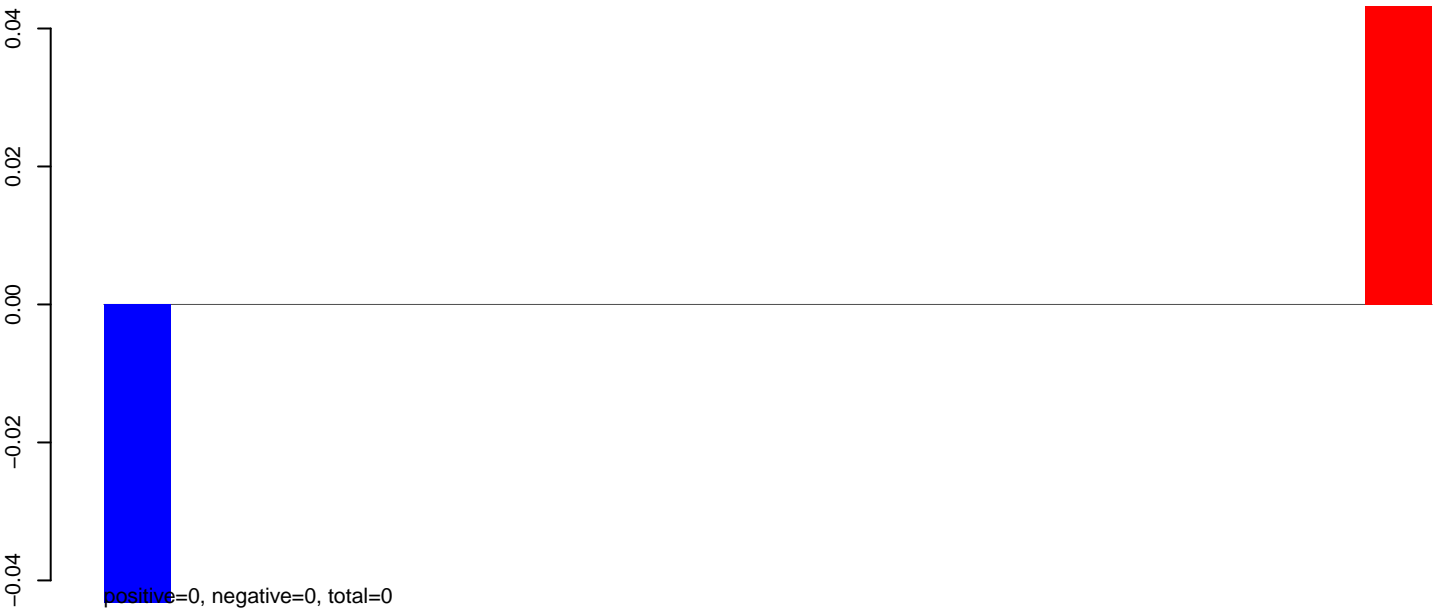
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



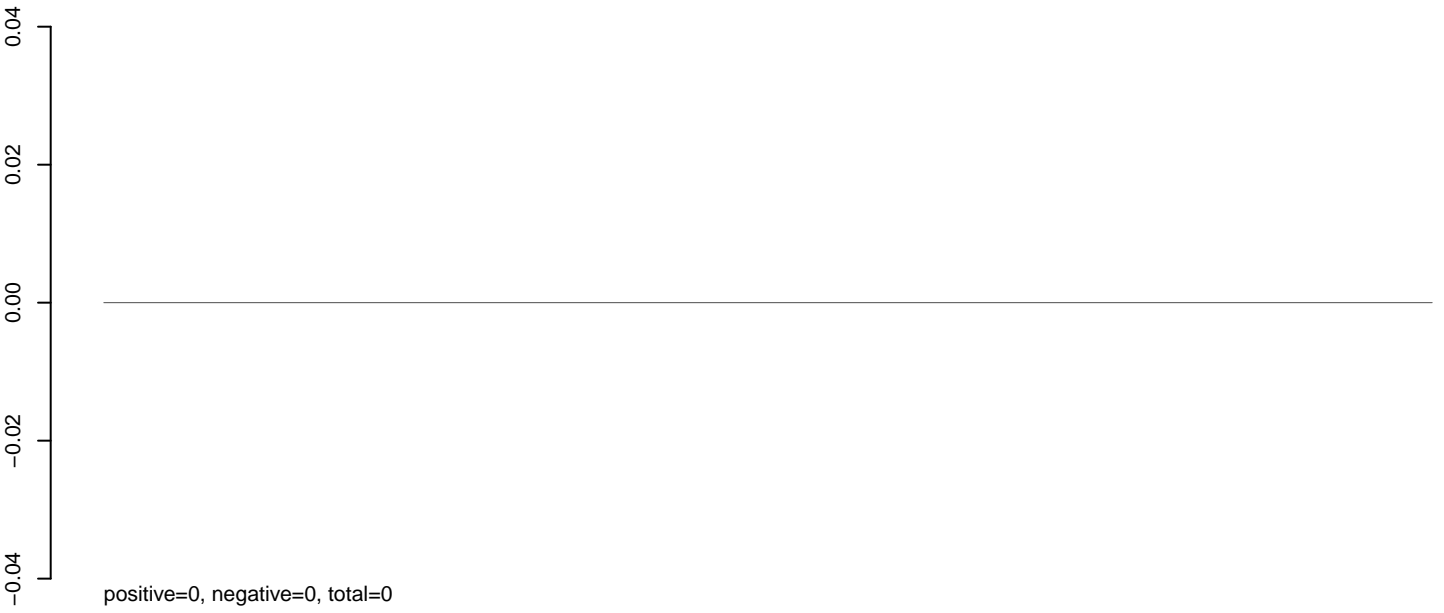
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



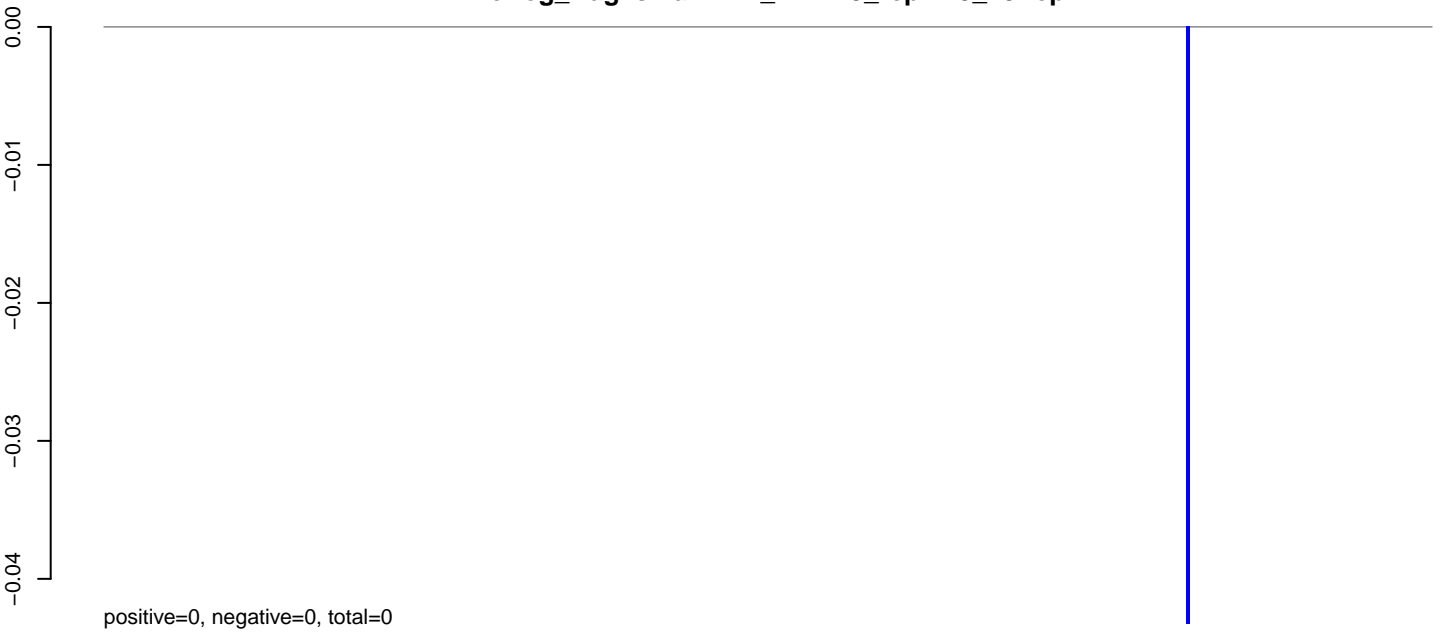
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



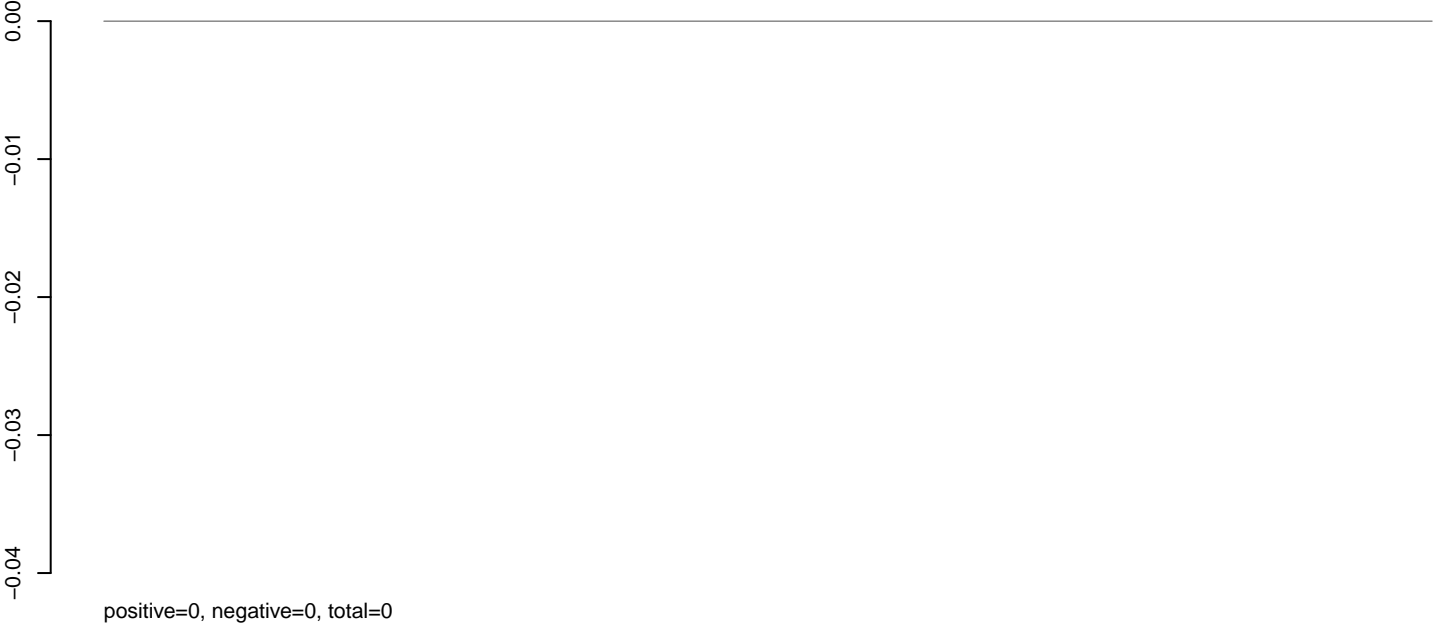
positive=0, negative=0, total=0

200 400 600 800 1000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



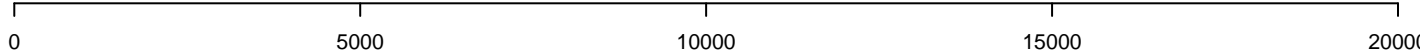
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



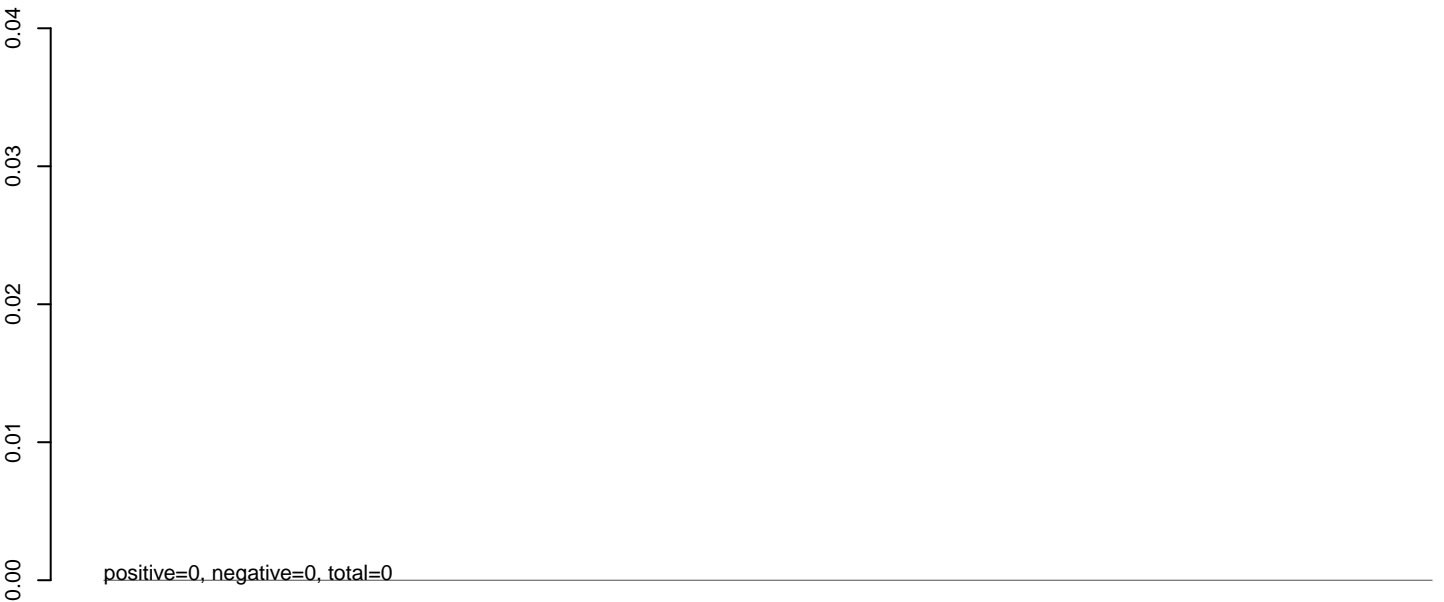
view size=50, length=19208, virus@X12819.1-Bluetongue\_virus\_gene\_for\_capsid\_protein\_VP1\_genomic\_RNA:1-19208



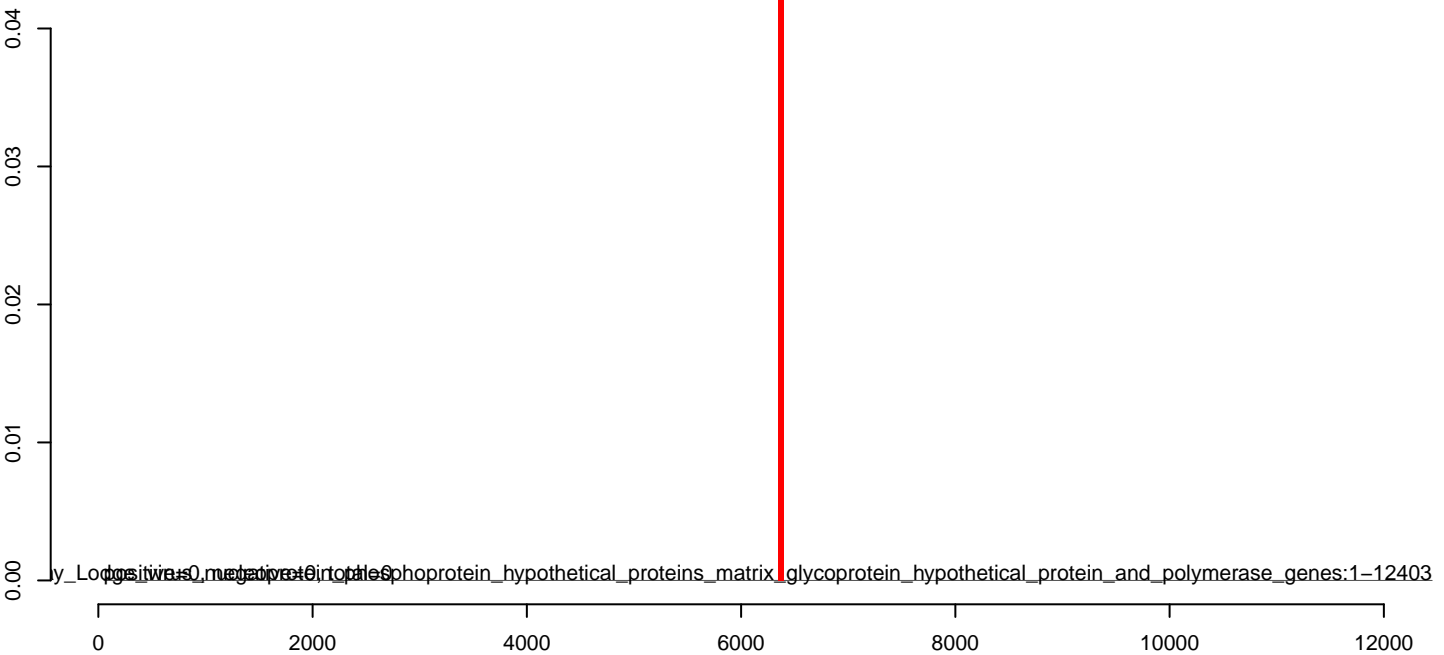
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

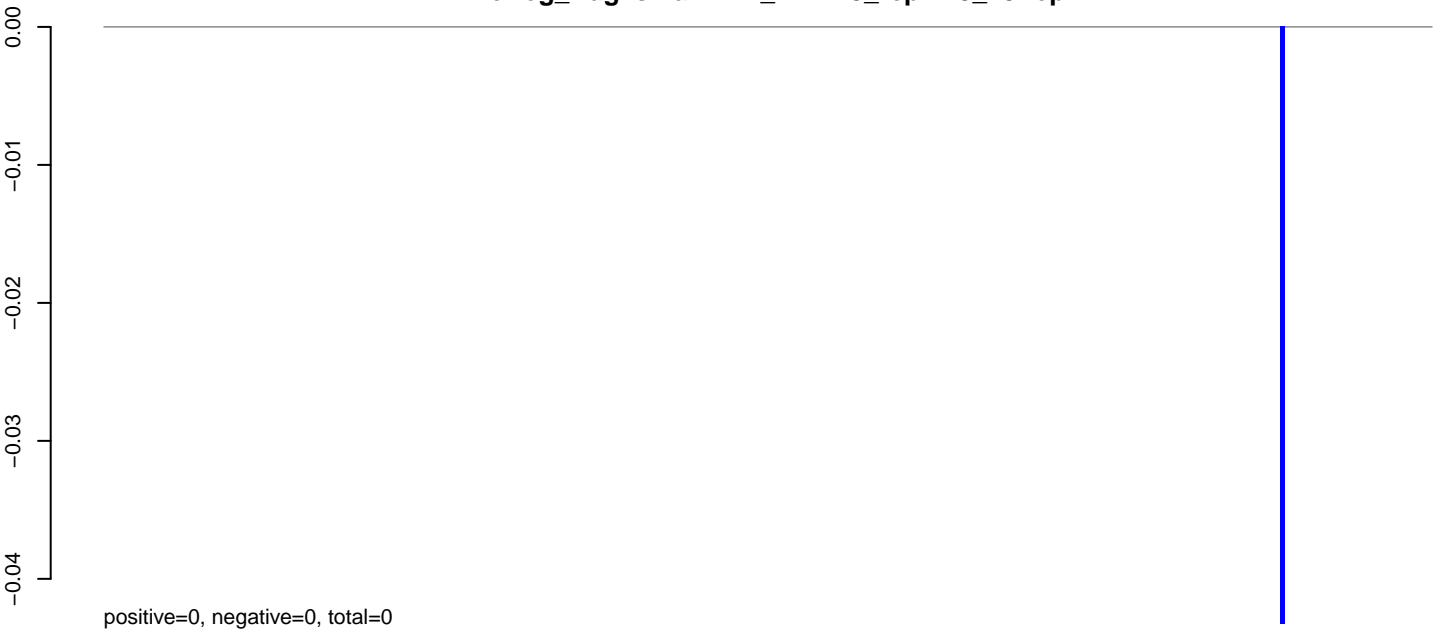


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

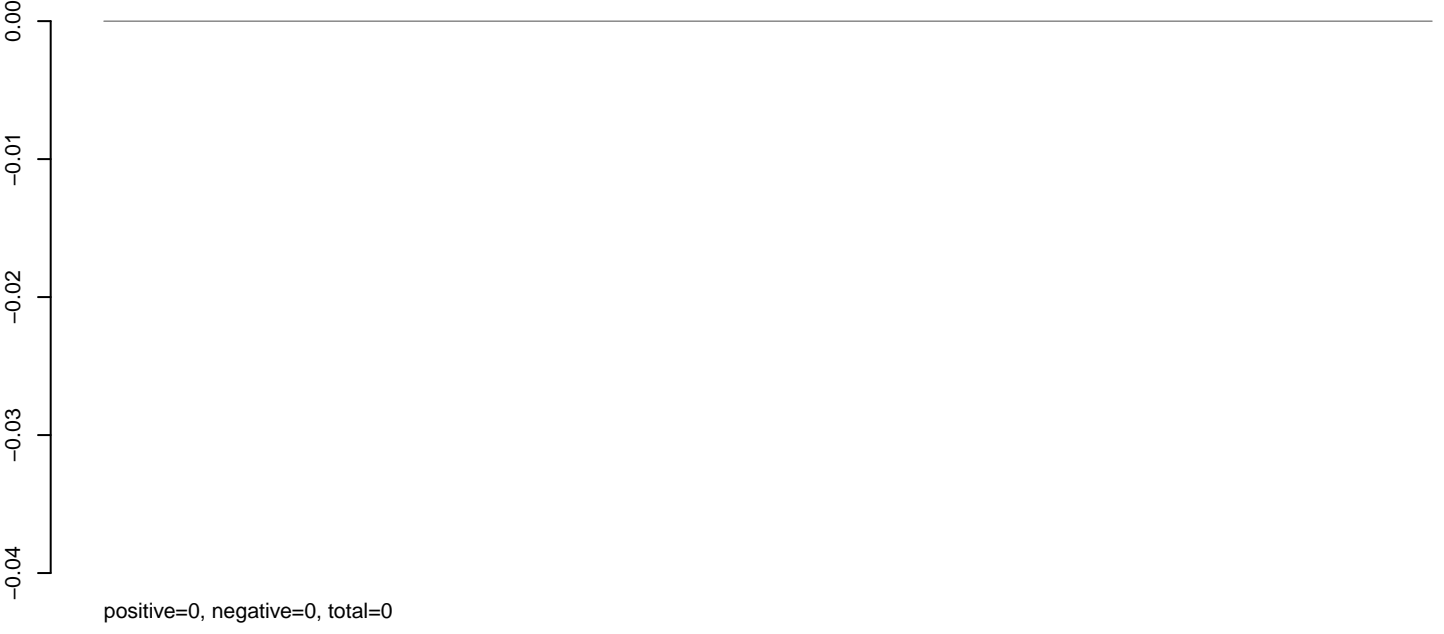




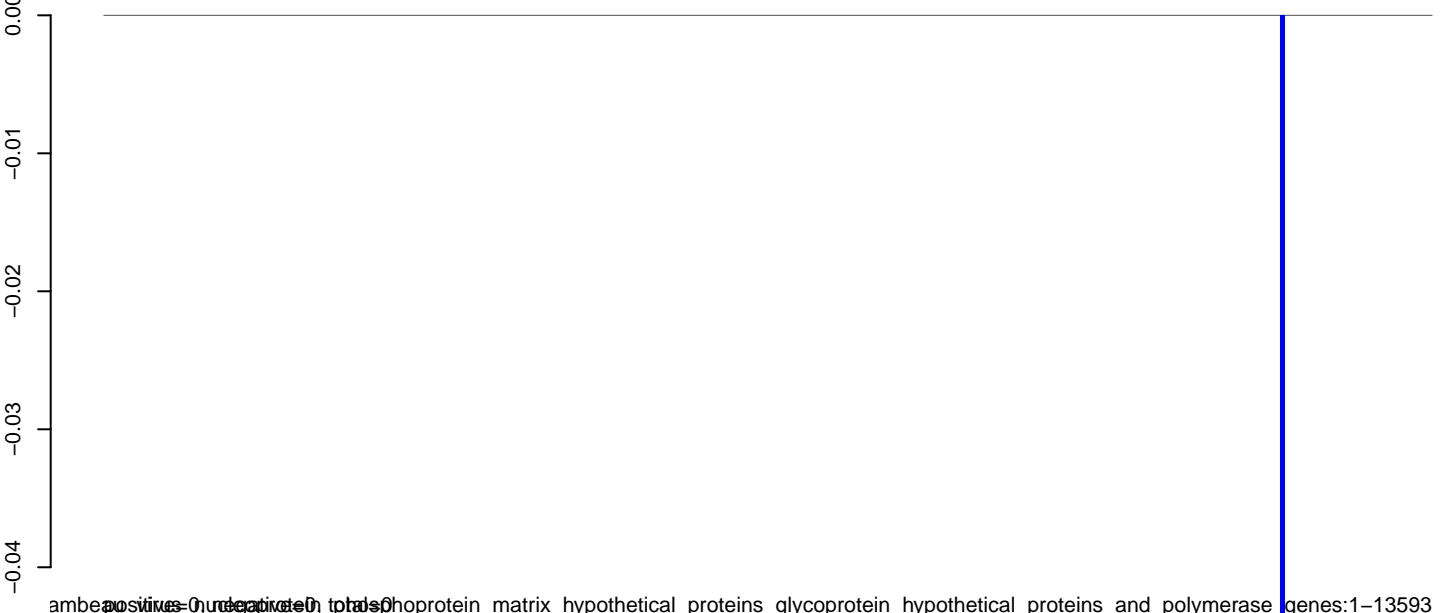
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV3\_rep2.24\_35.rep**



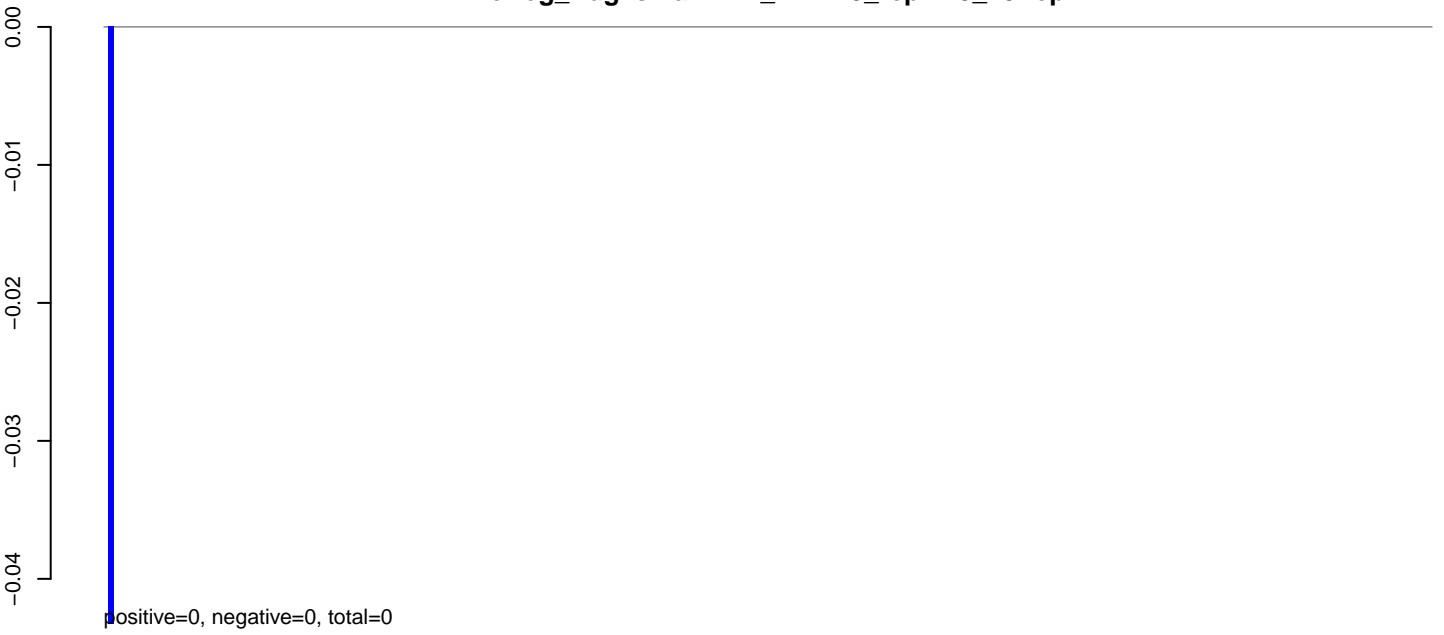
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.rep**



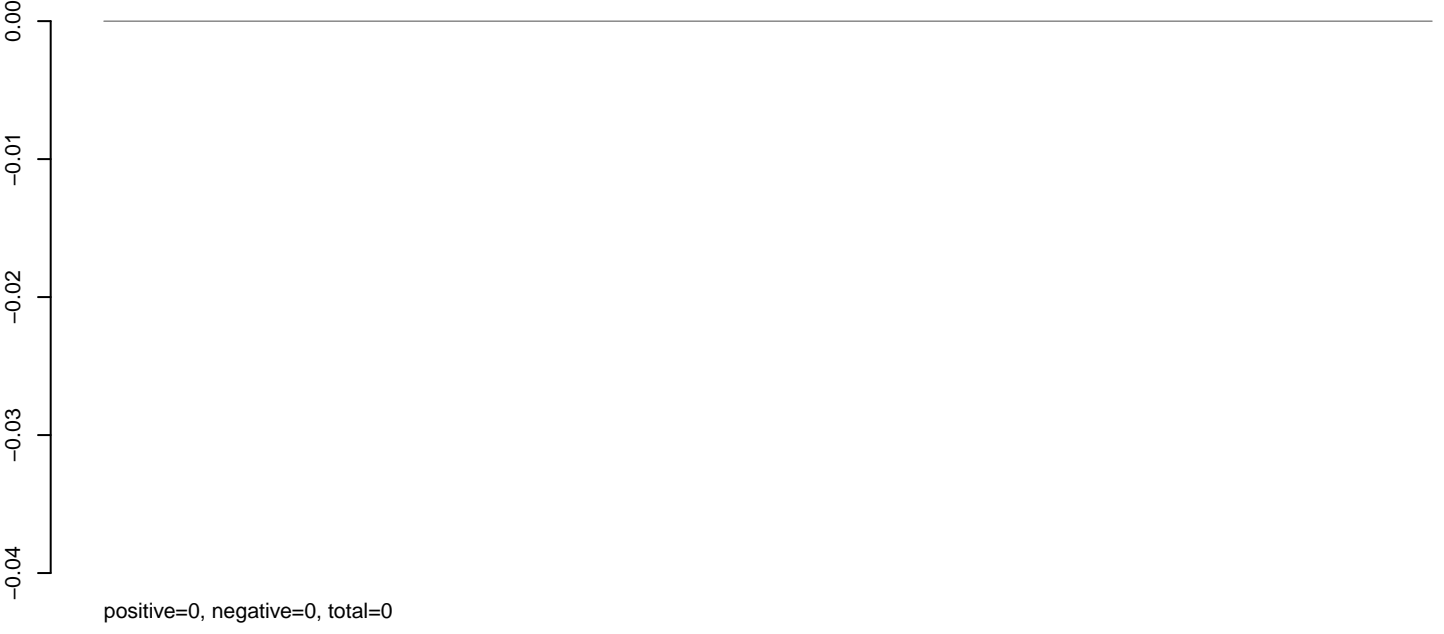
ambee positive=0, negative=0, total=0 phosphoprotein\_matrix\_hypothetical\_proteins\_glycoprotein\_hypothetical\_proteins\_and\_polymerase\_genes:1-13593

0 2000 4000 6000 8000 10000 12000 14000

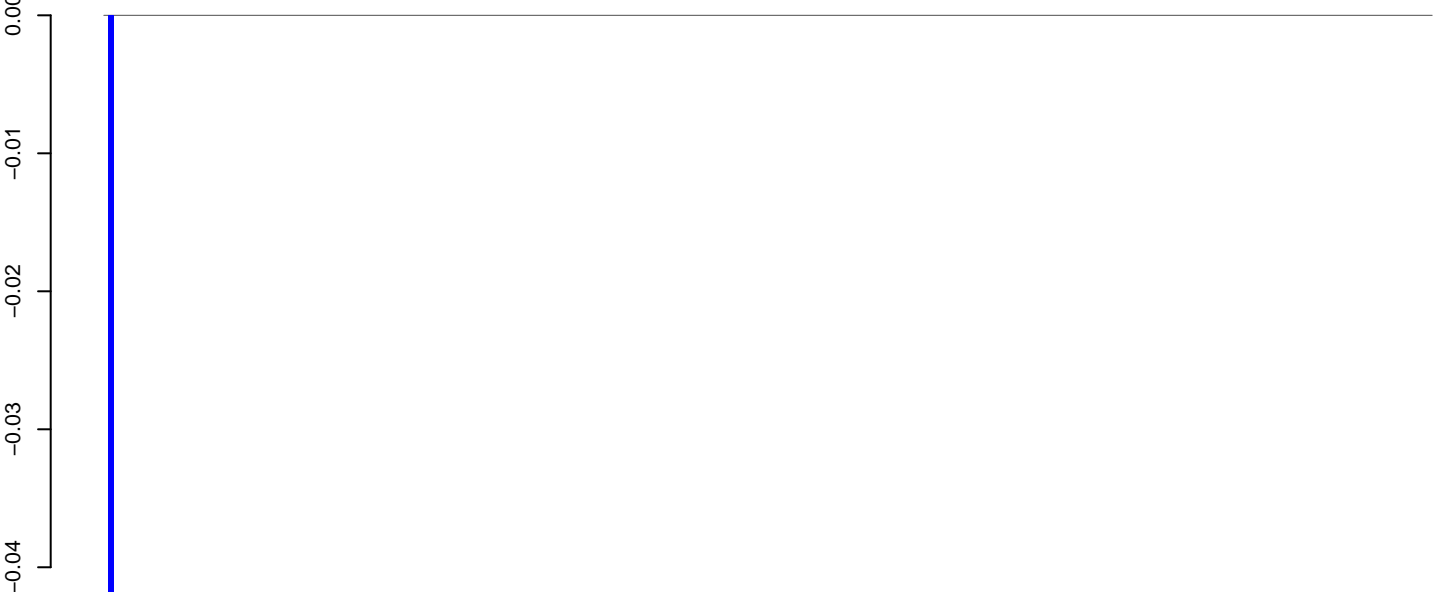
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



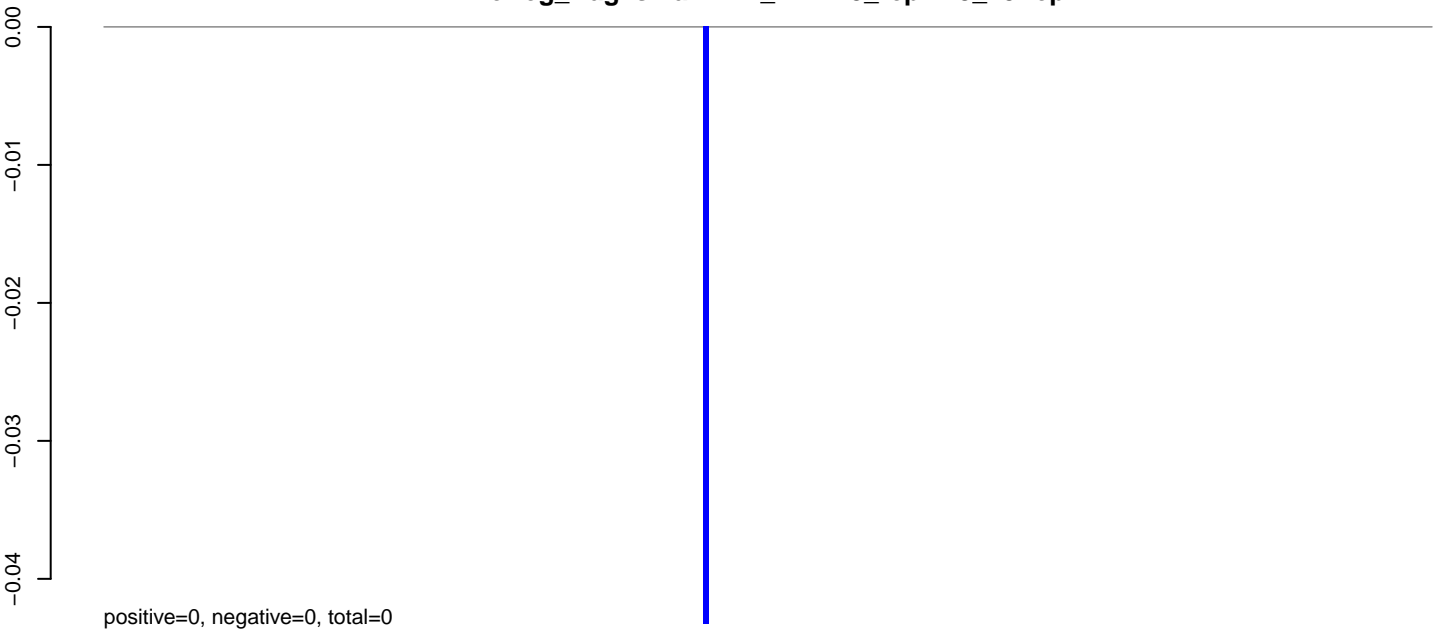
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



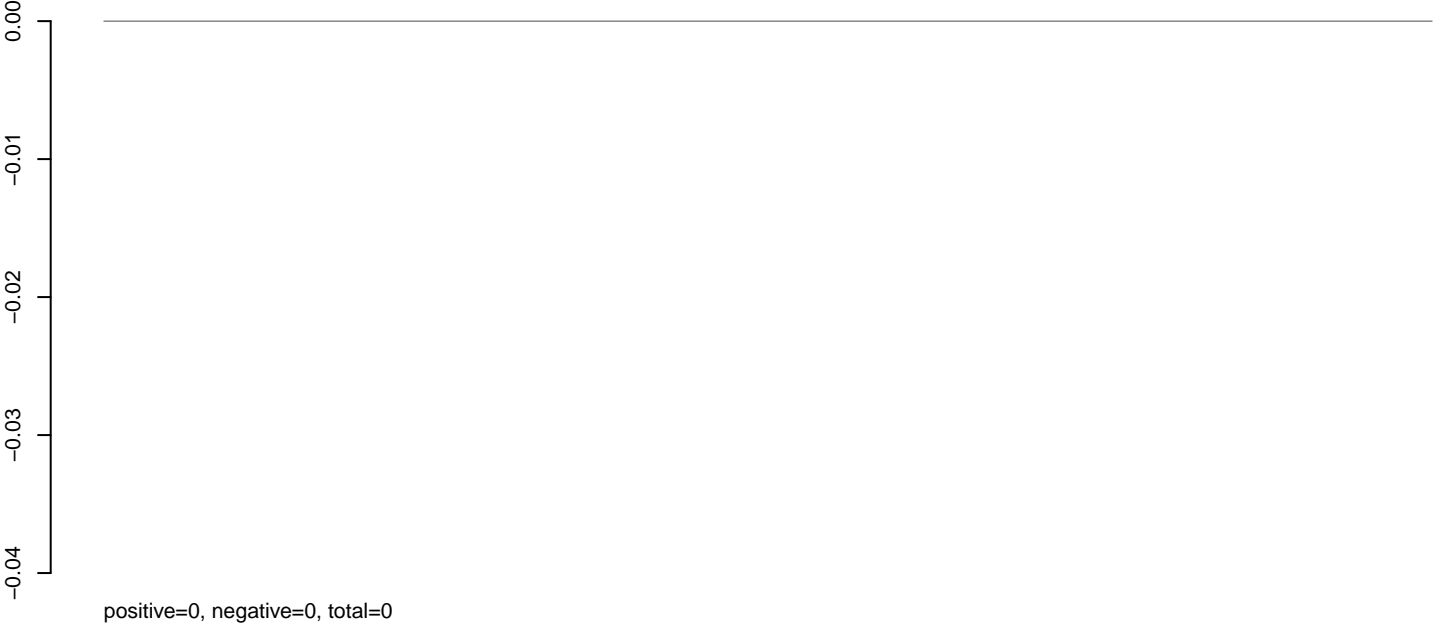
I, virus\_G110\_004580\_150\_0101\_01\_nucleoprotein\_phosphoprotein\_matrix\_glycoprotein\_hypothetical\_proteins\_and\_polymerase\_genes:1-13294

0 2000 4000 6000 8000 10000 12000

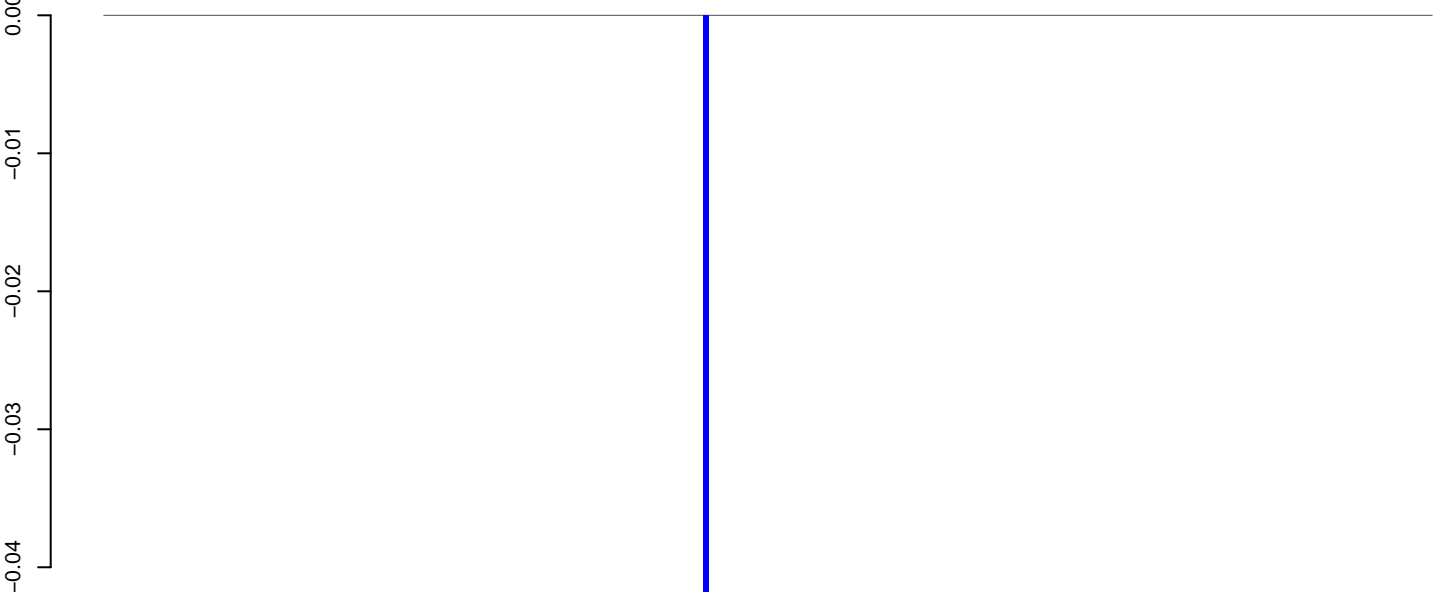
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



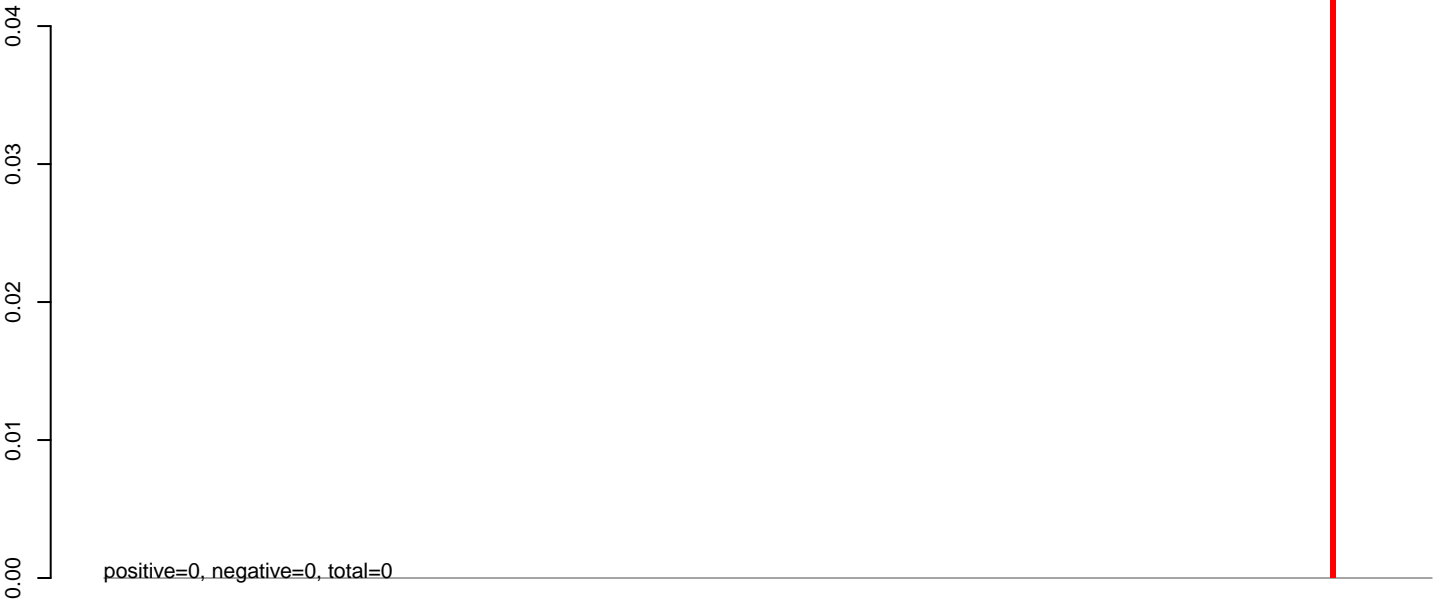
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



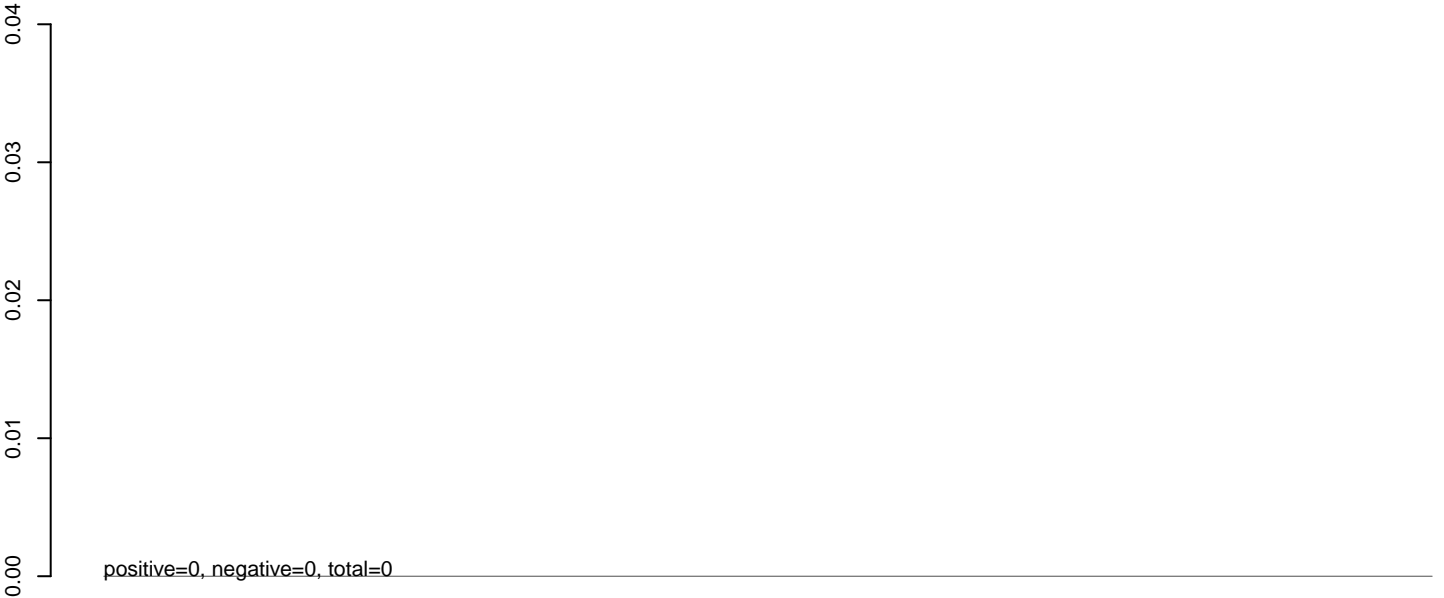
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



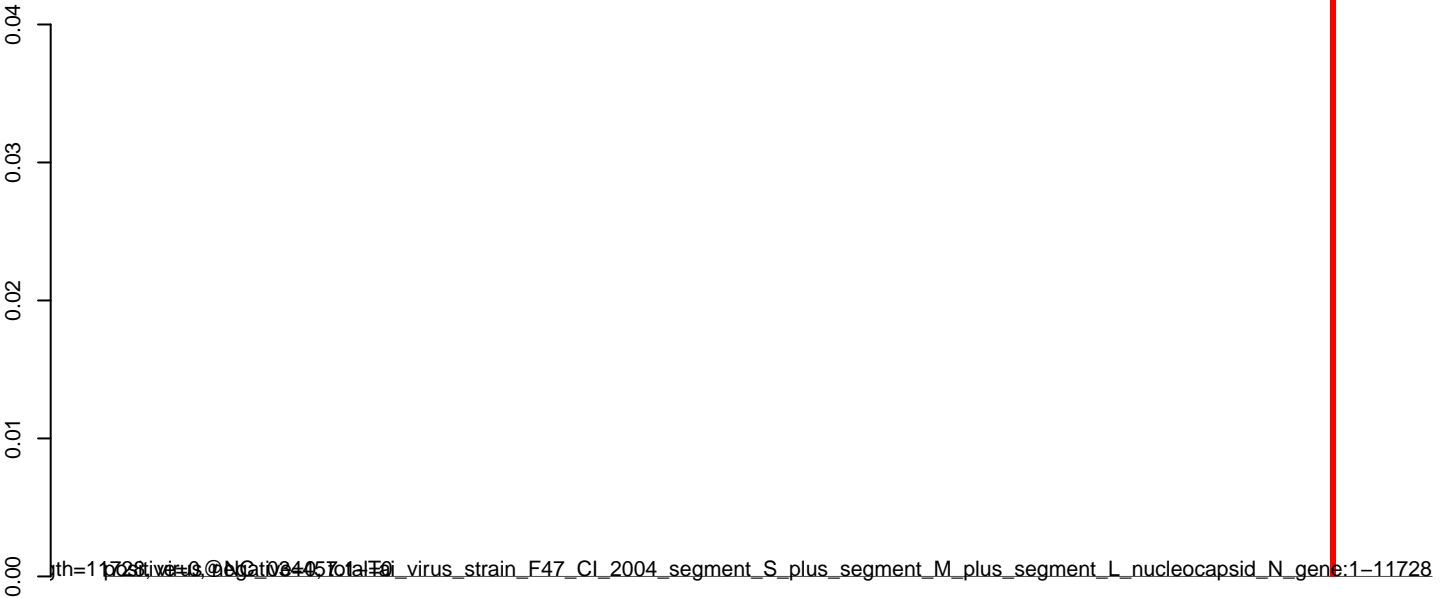
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

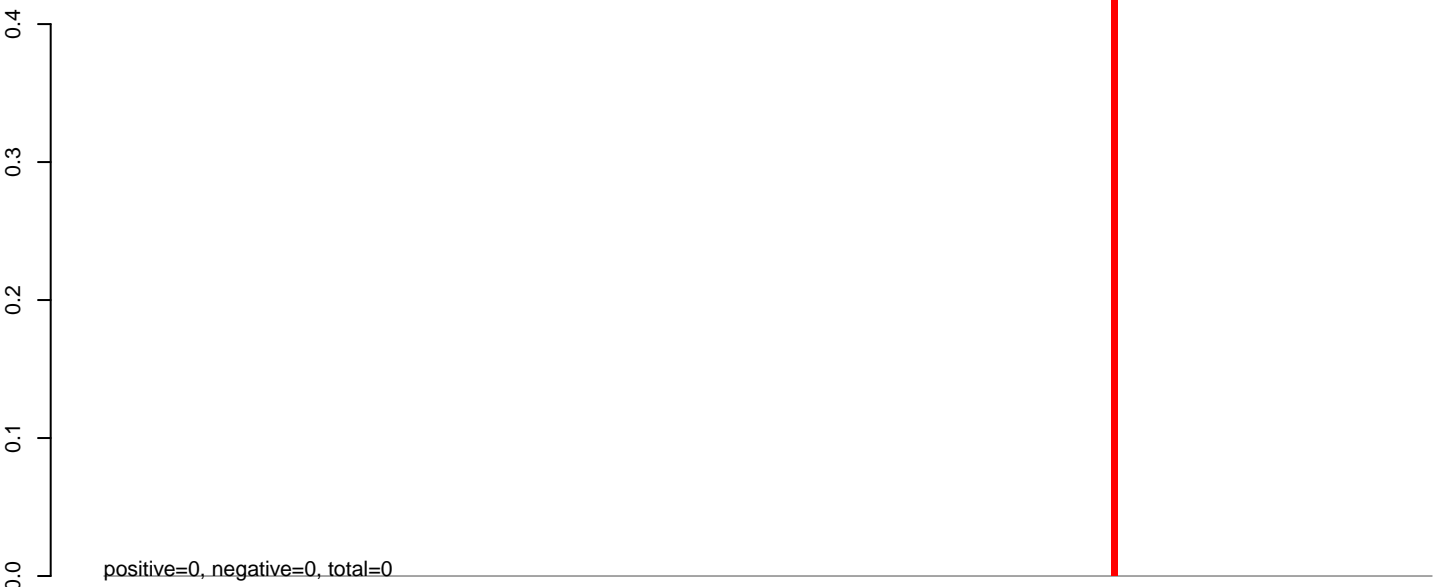


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

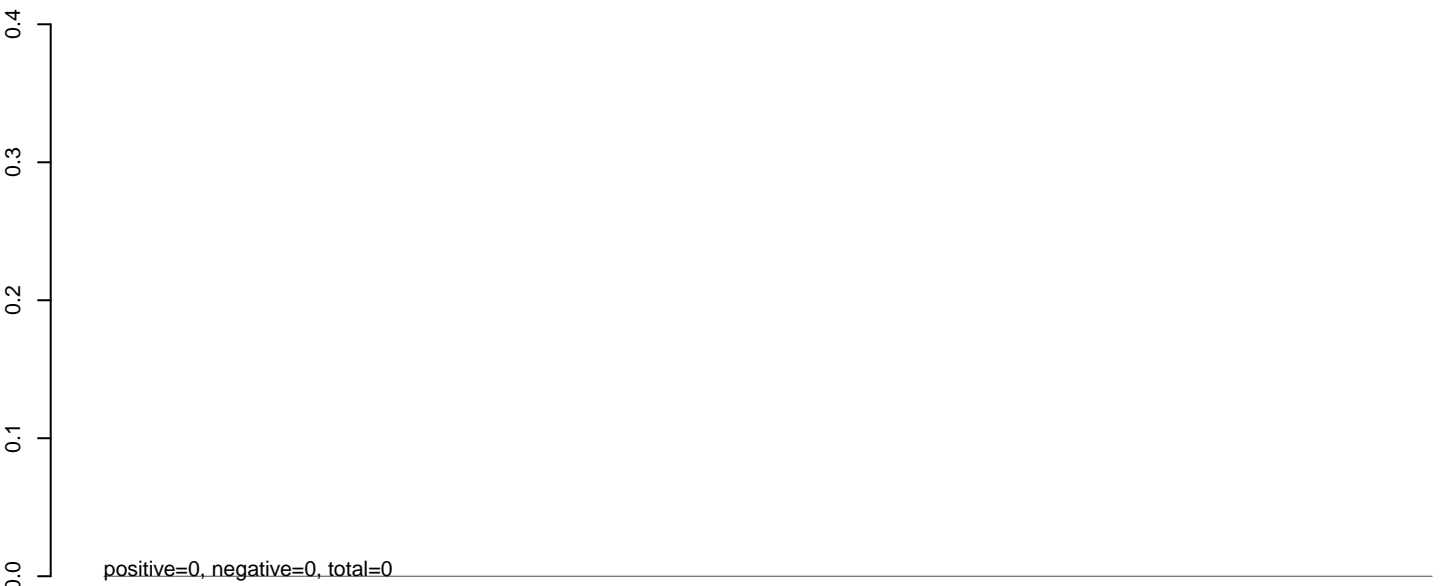




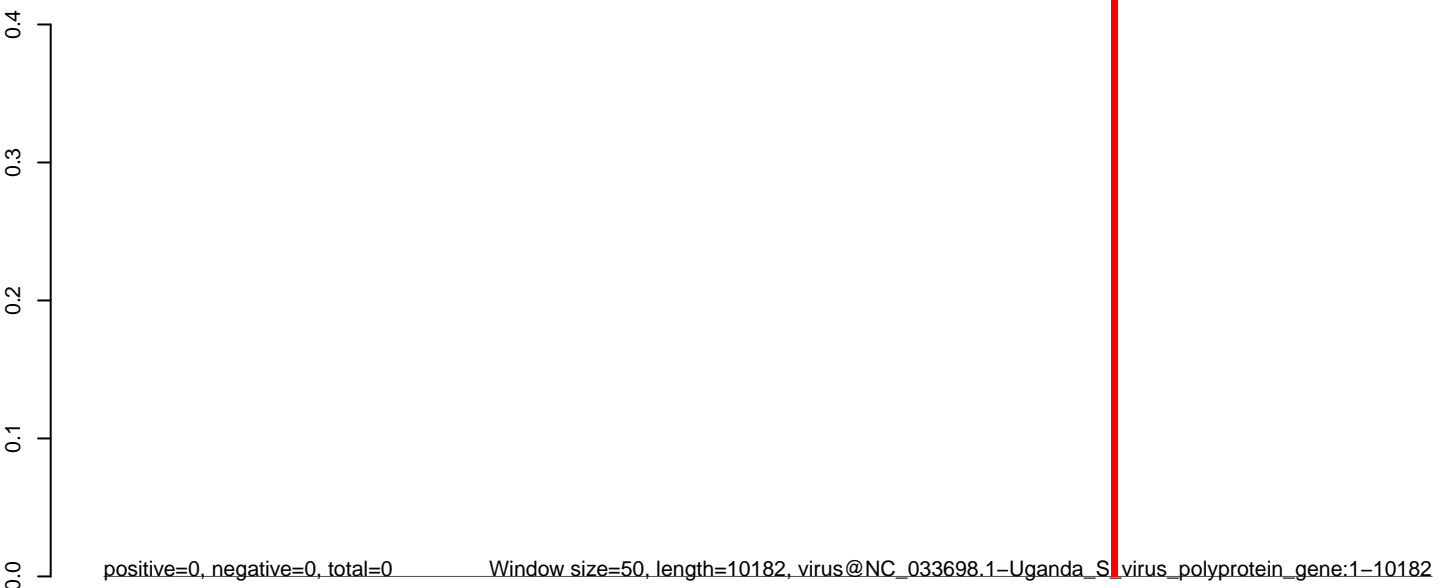
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



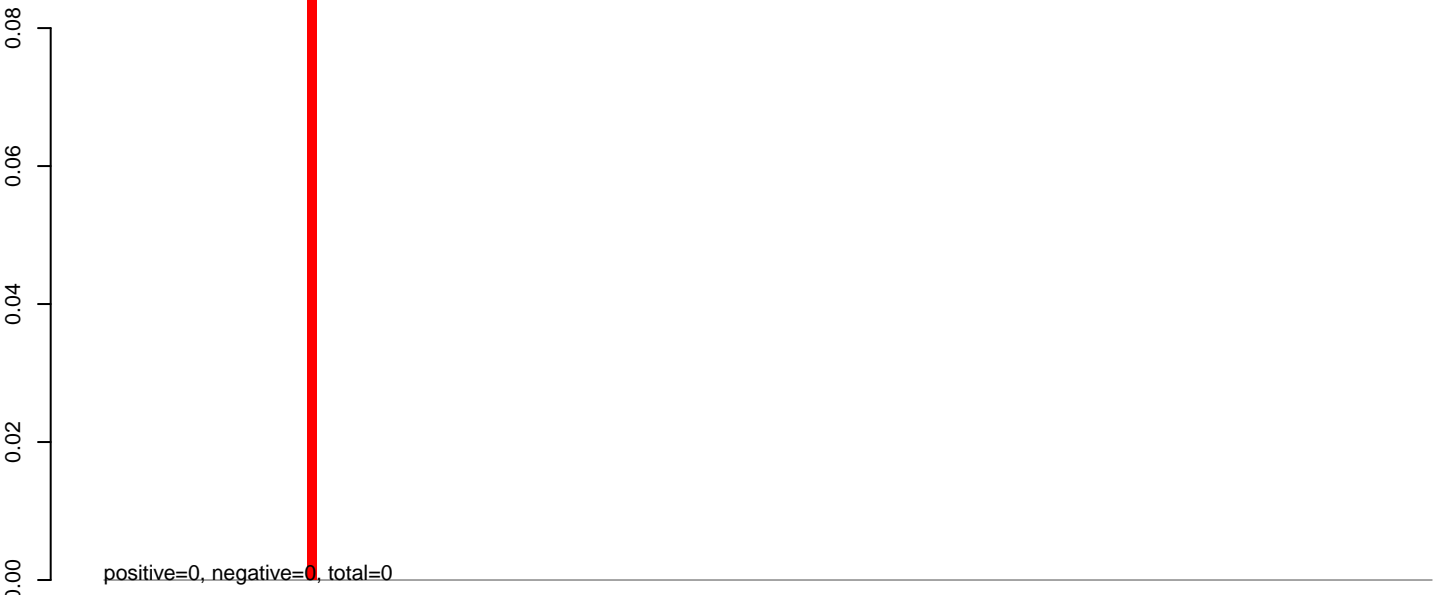
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



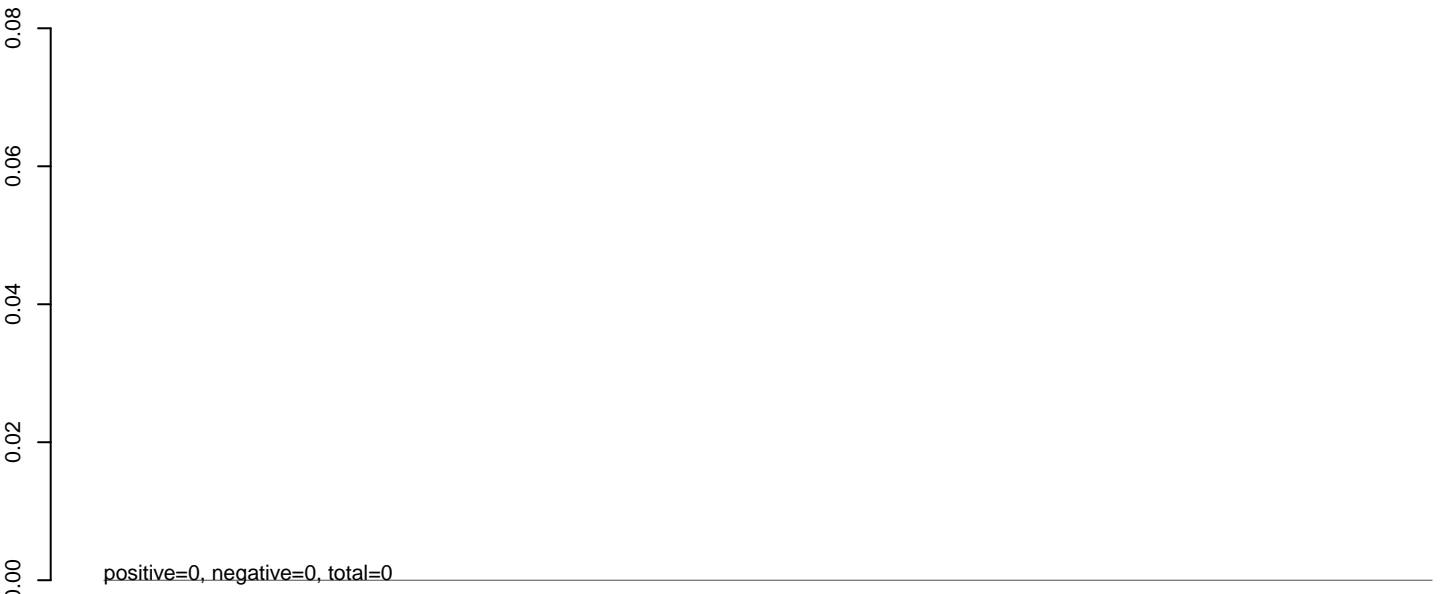
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



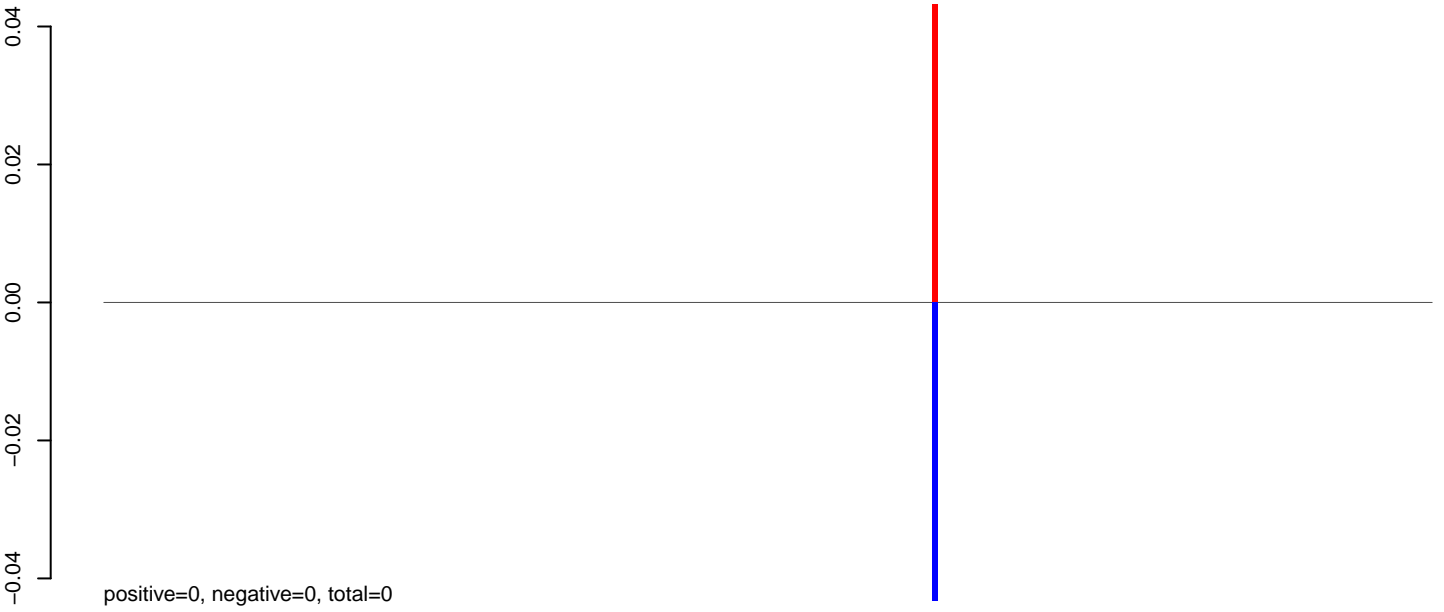
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



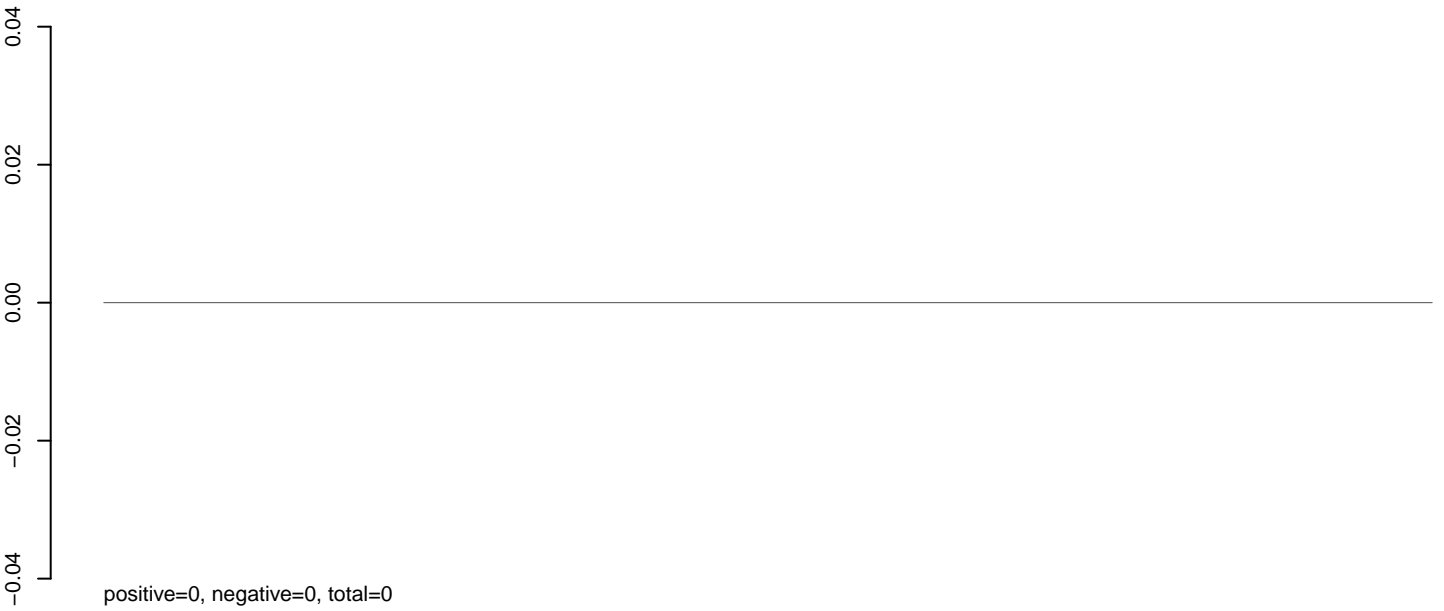
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



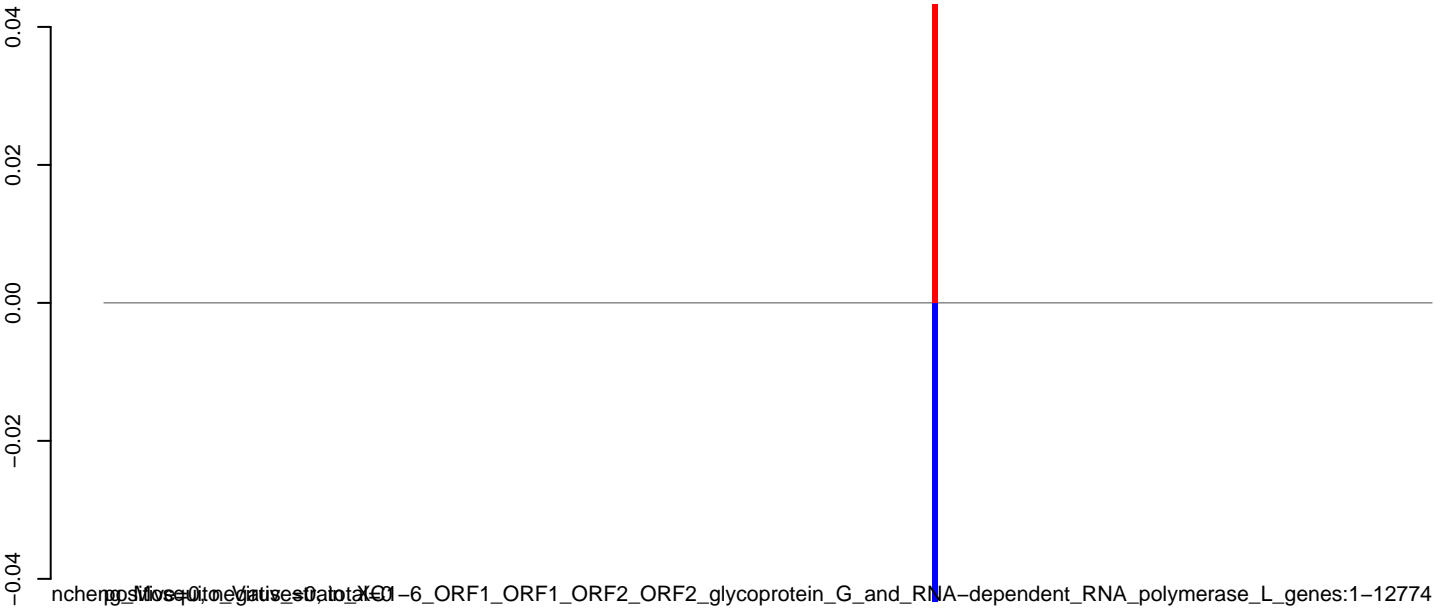
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



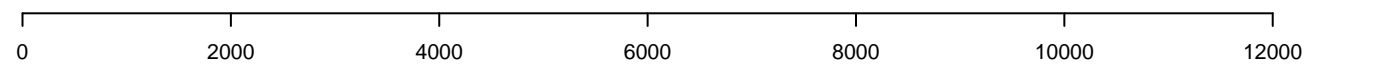
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



ncb... 1-6\_ORF1\_ORF1\_ORF2\_ORF2\_glycoprotein\_G\_and\_RNA-dependent\_RNA\_polymerase\_L\_genes:1-12774

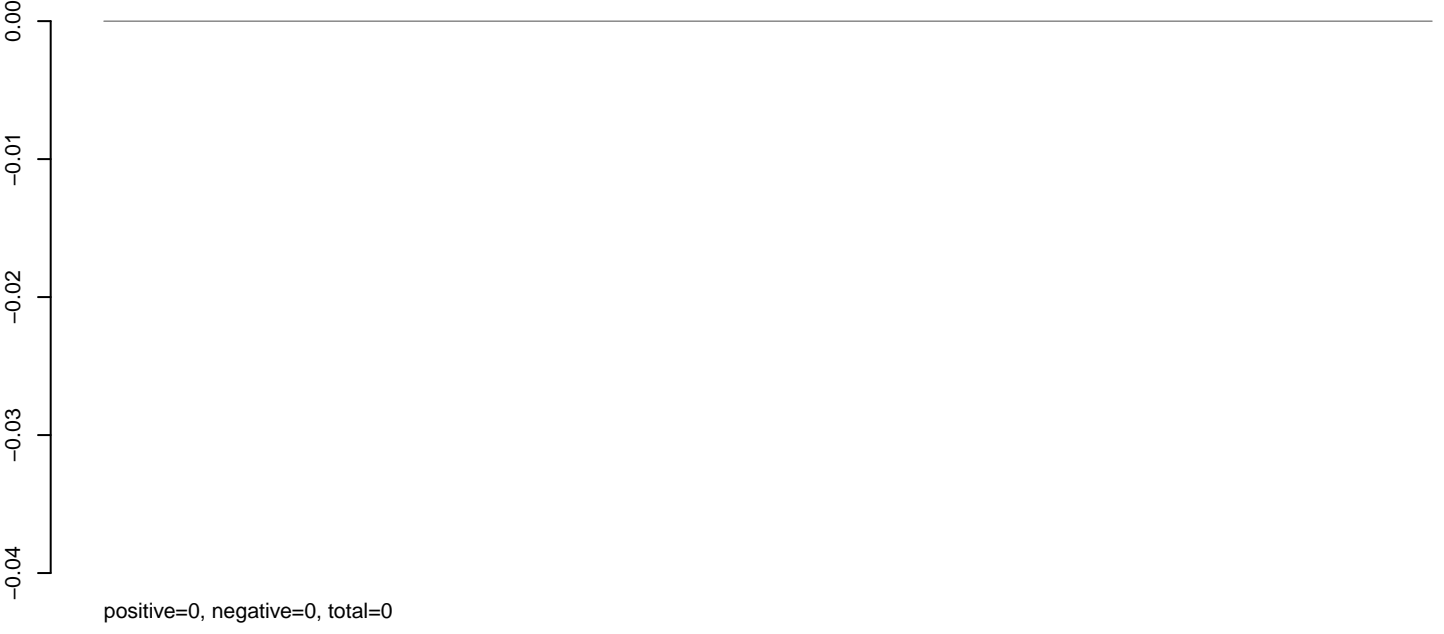




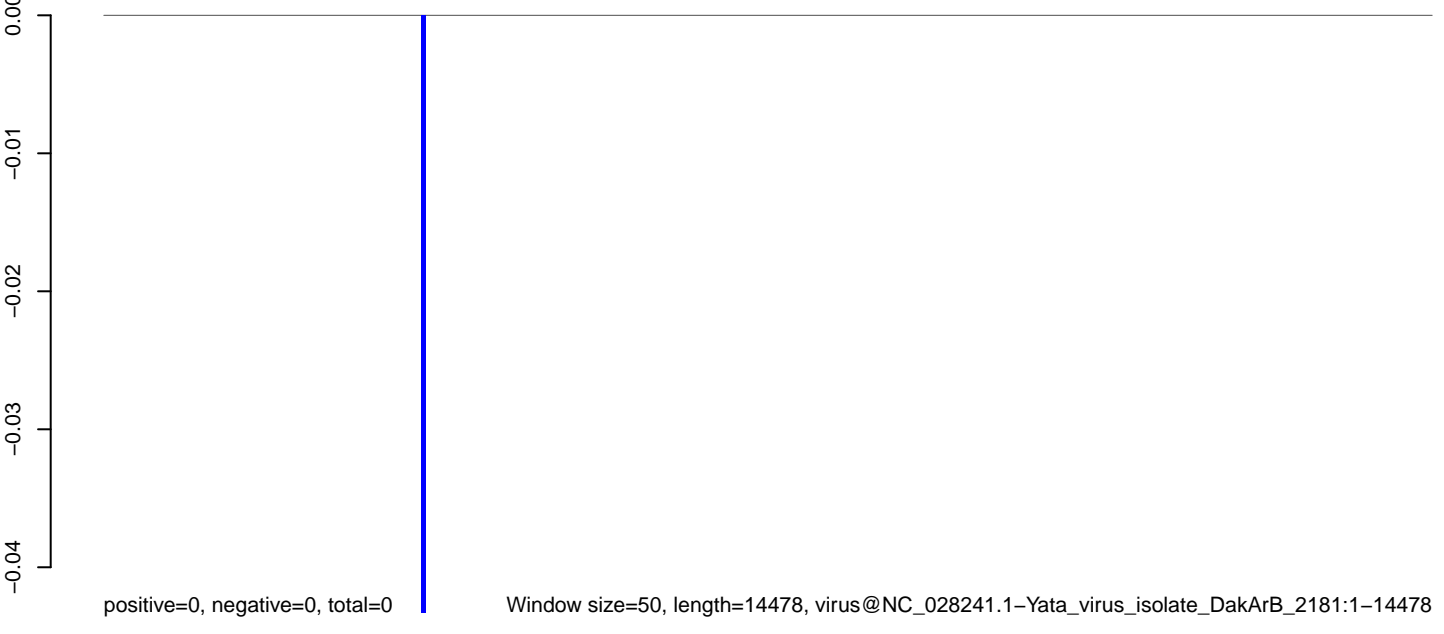
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

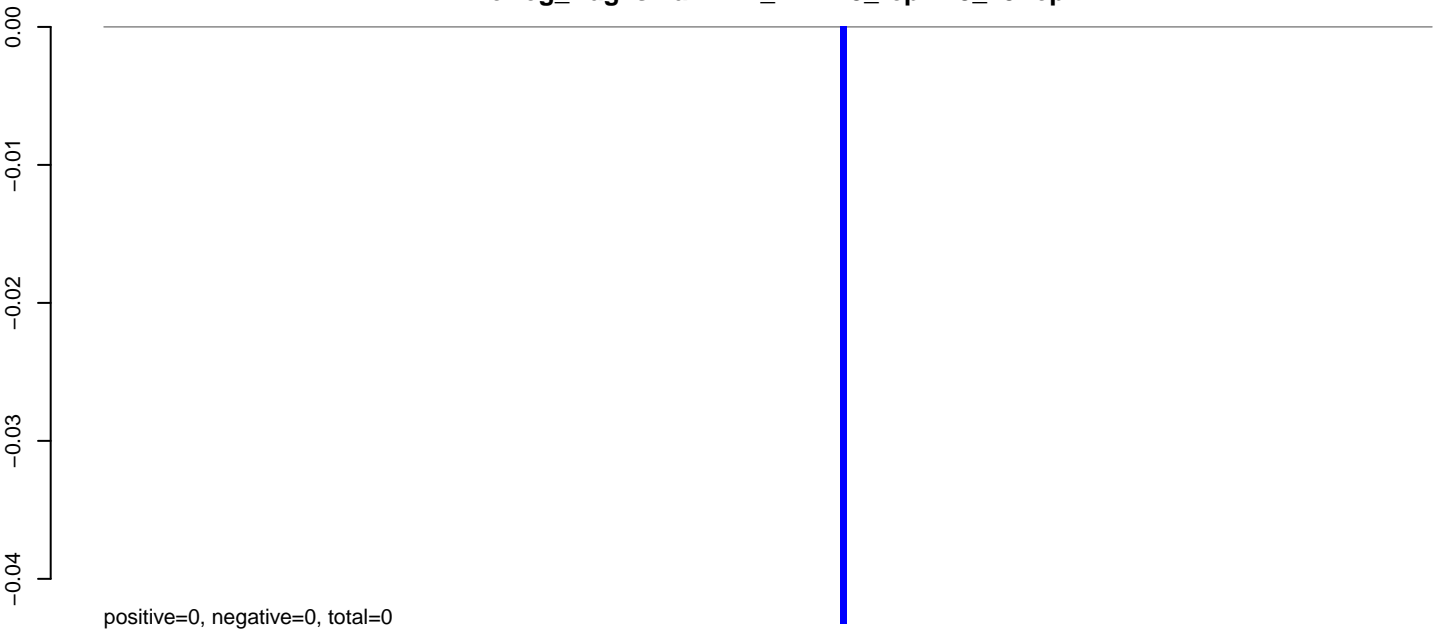


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

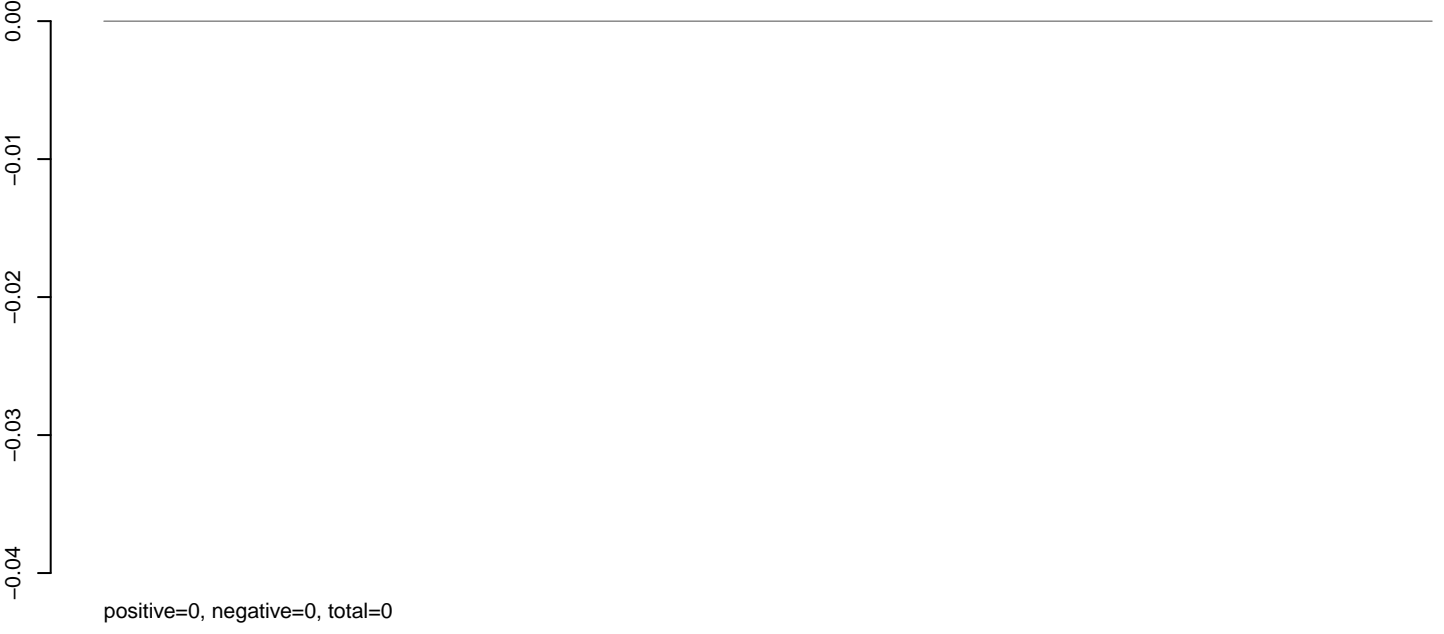


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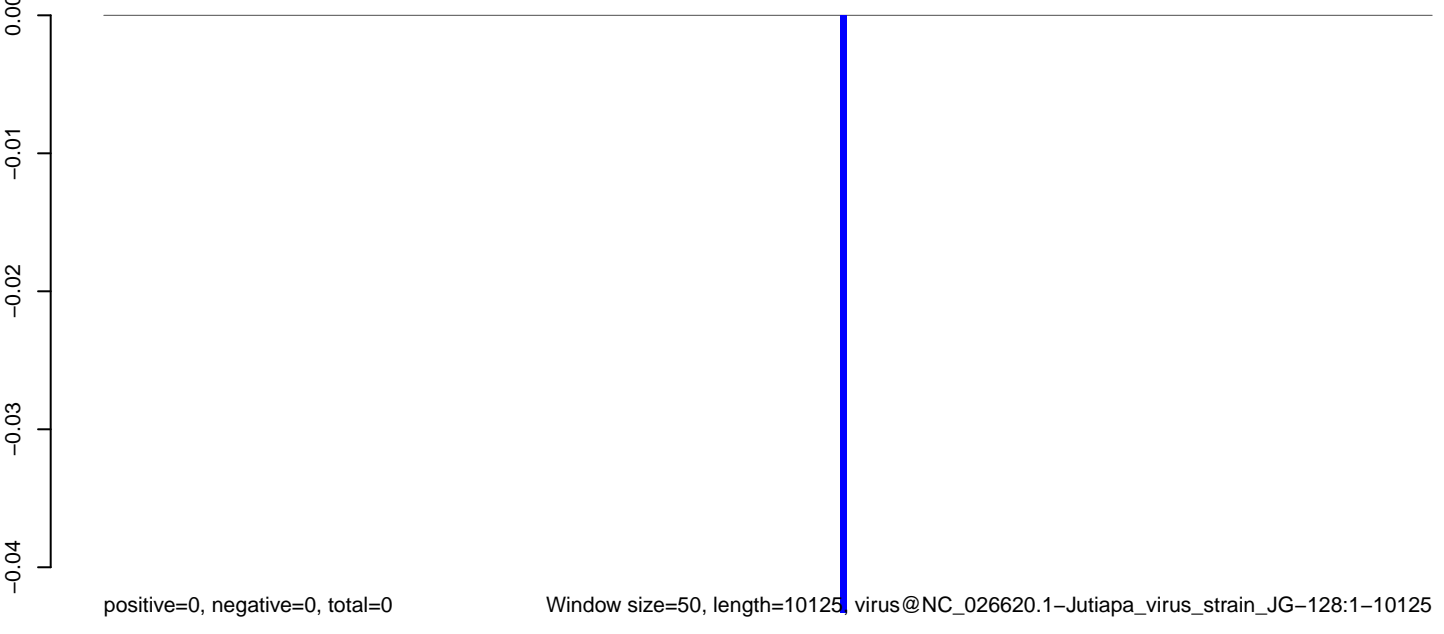
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



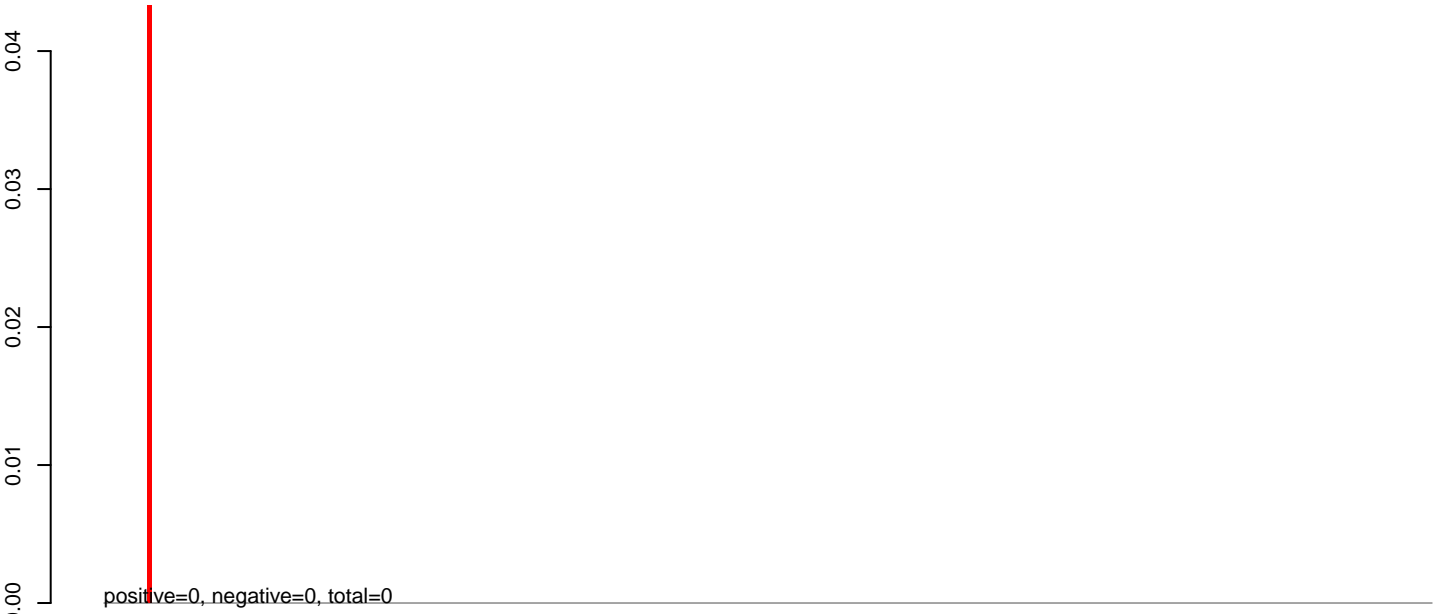
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



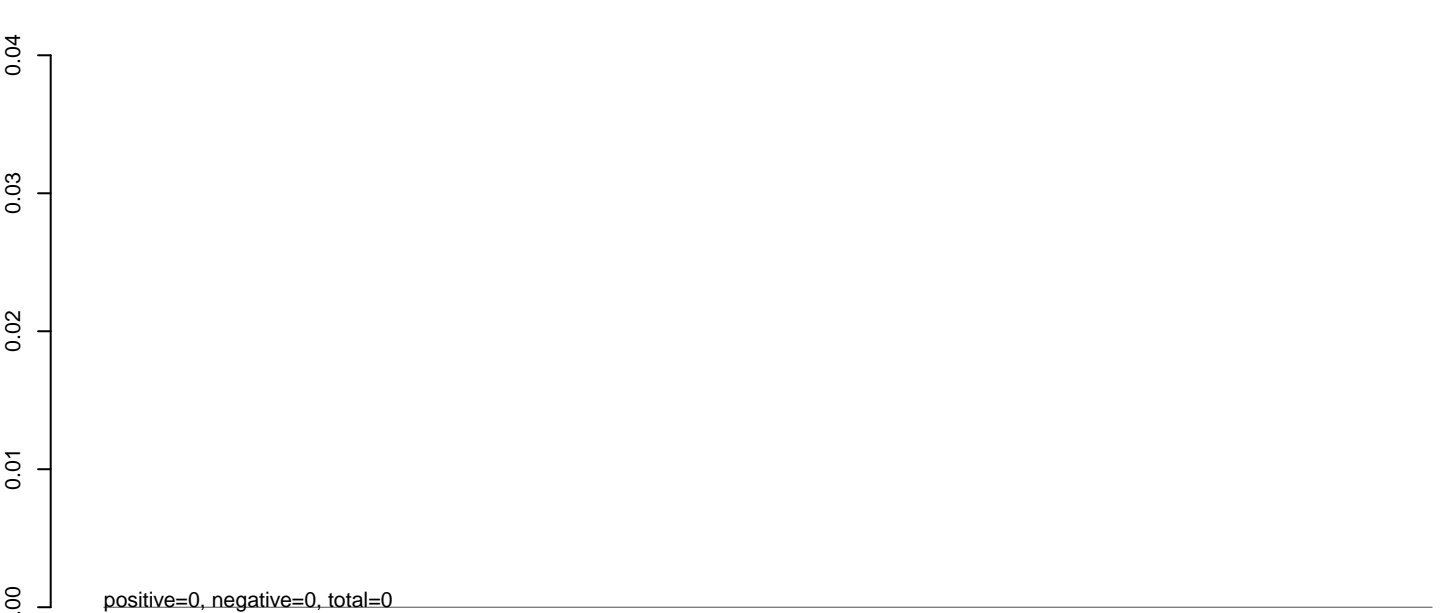
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0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

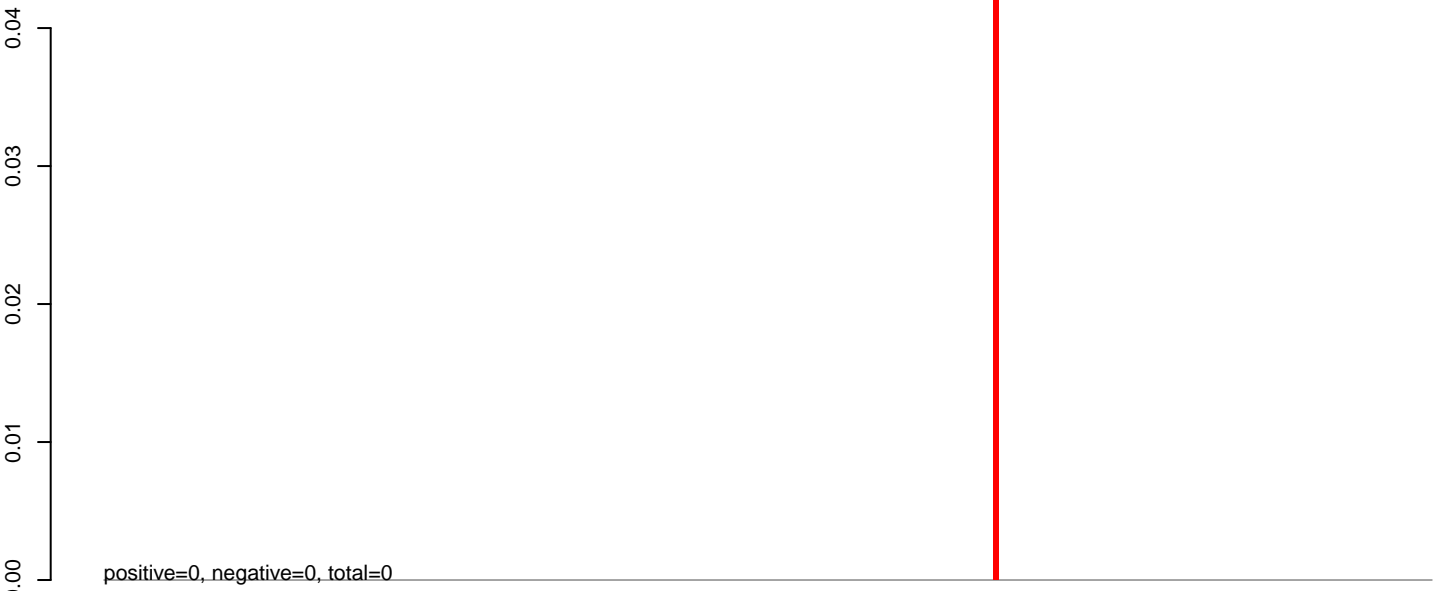


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

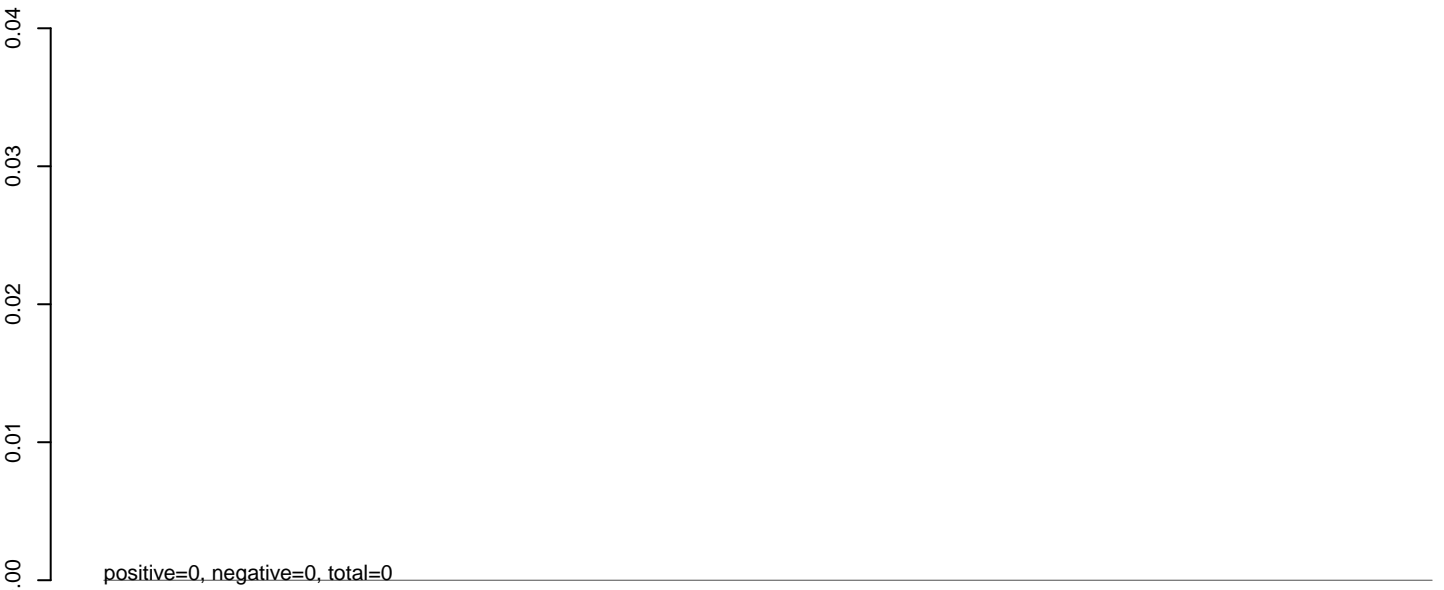


0 5000 10000 15000

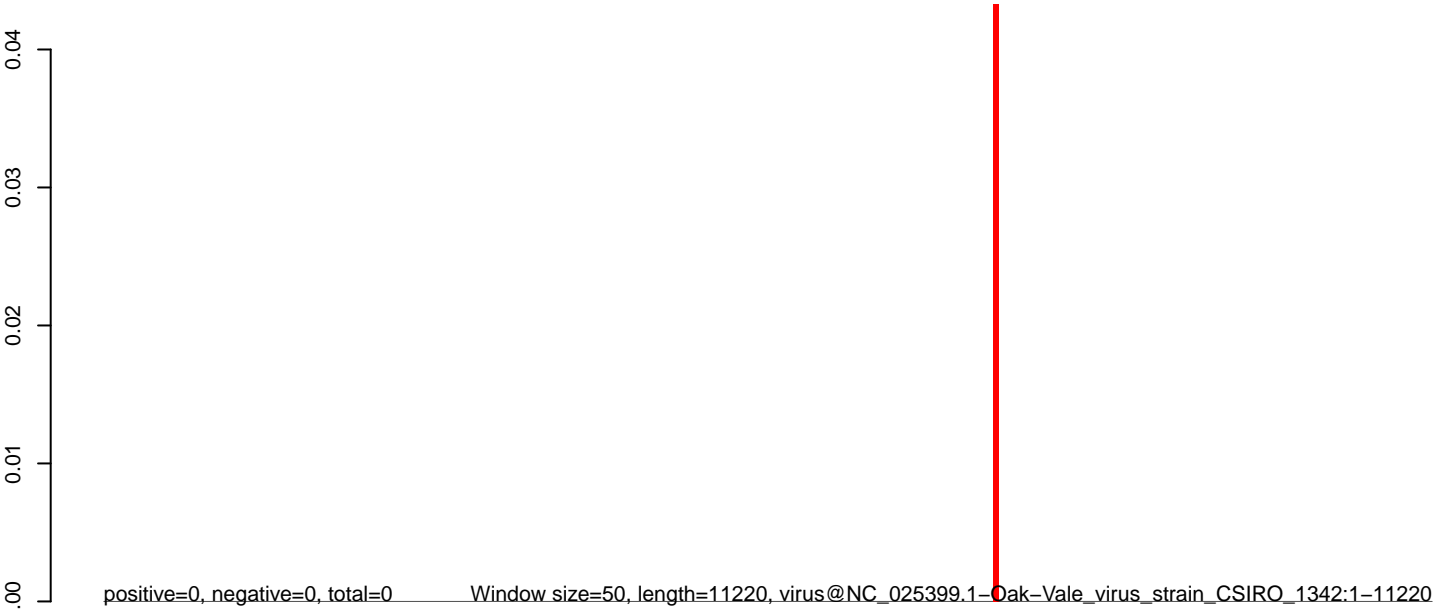
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



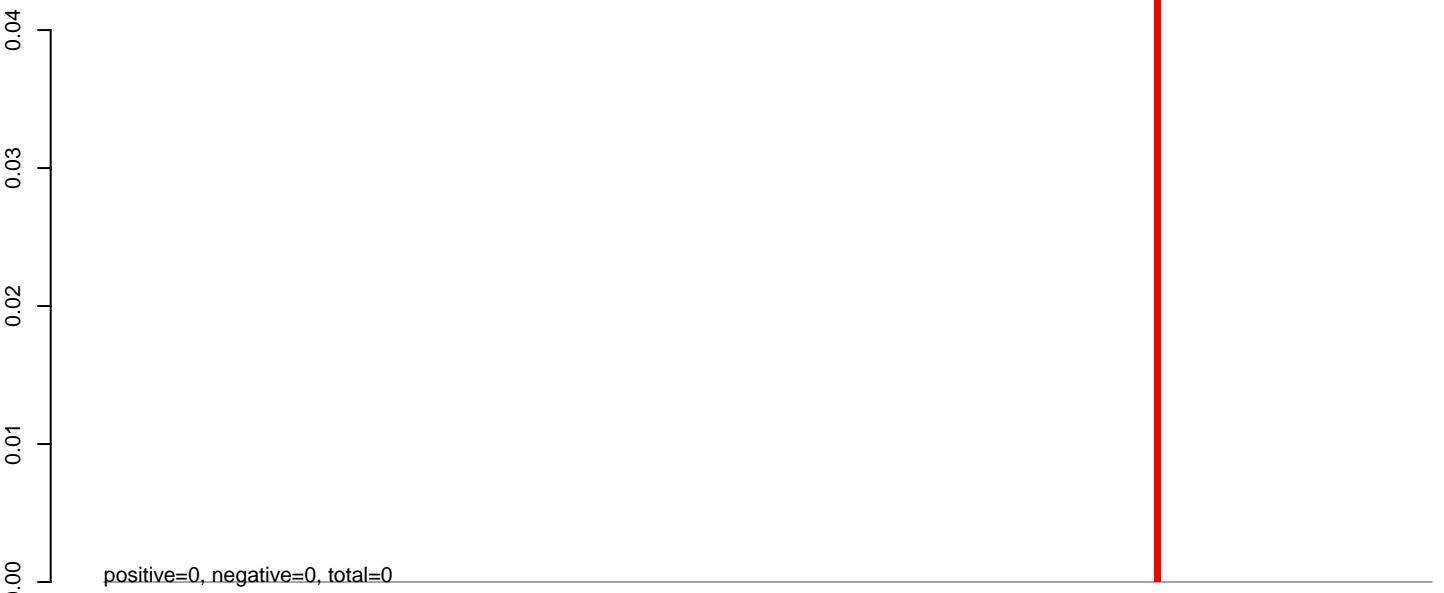
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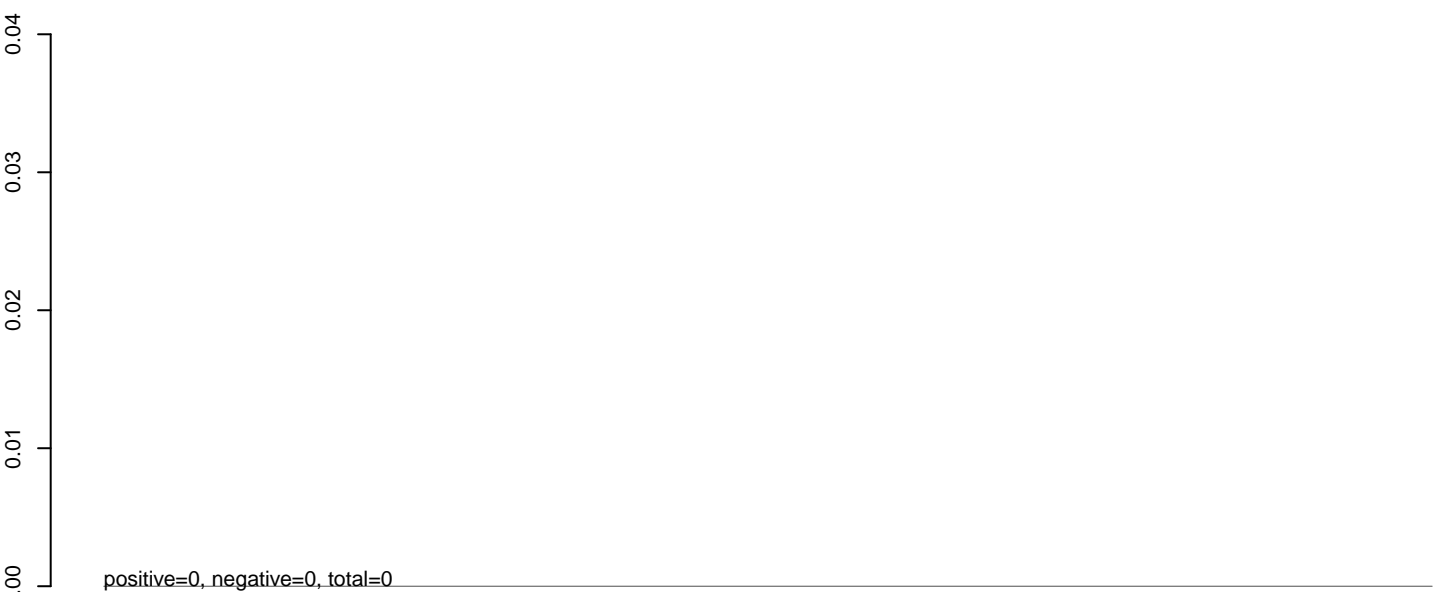
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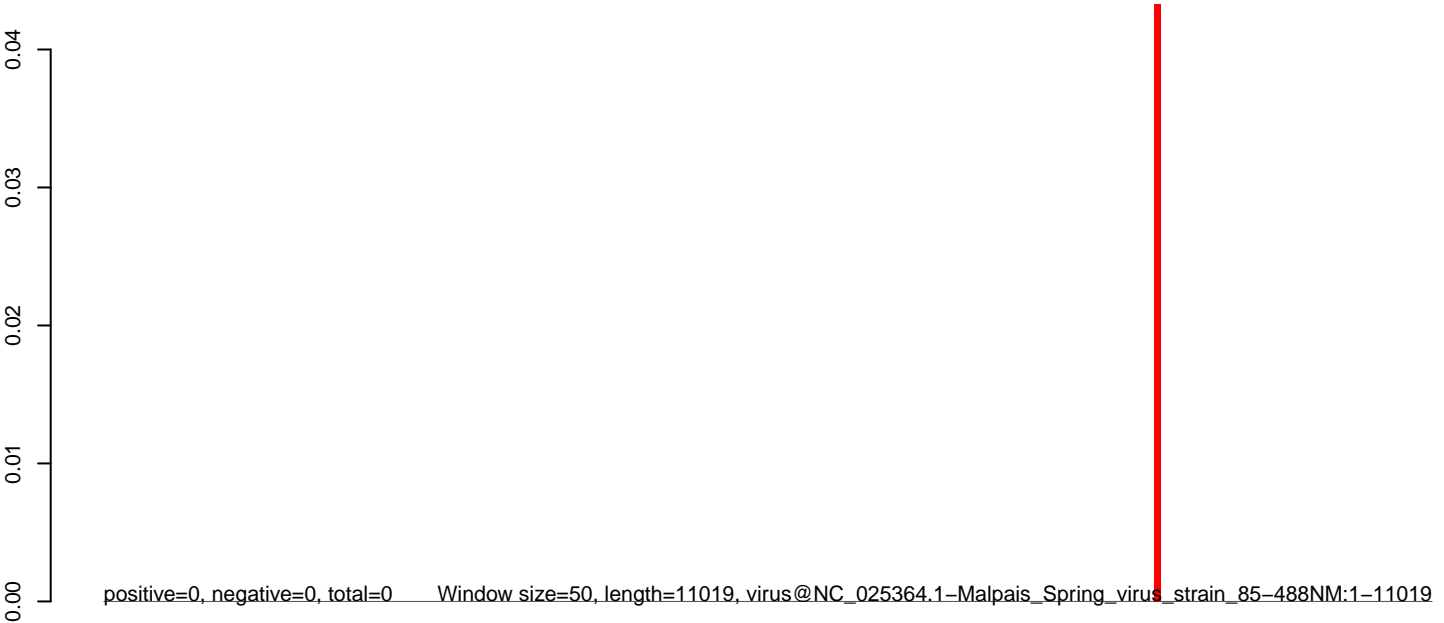
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



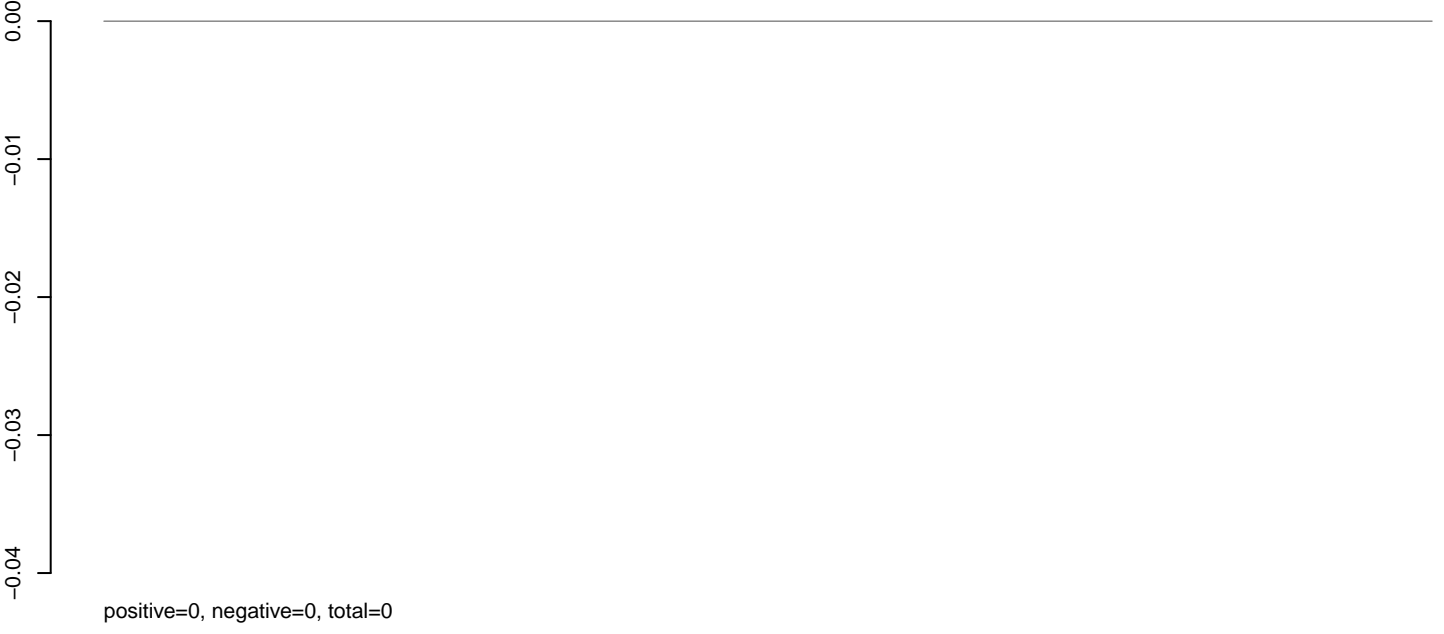
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



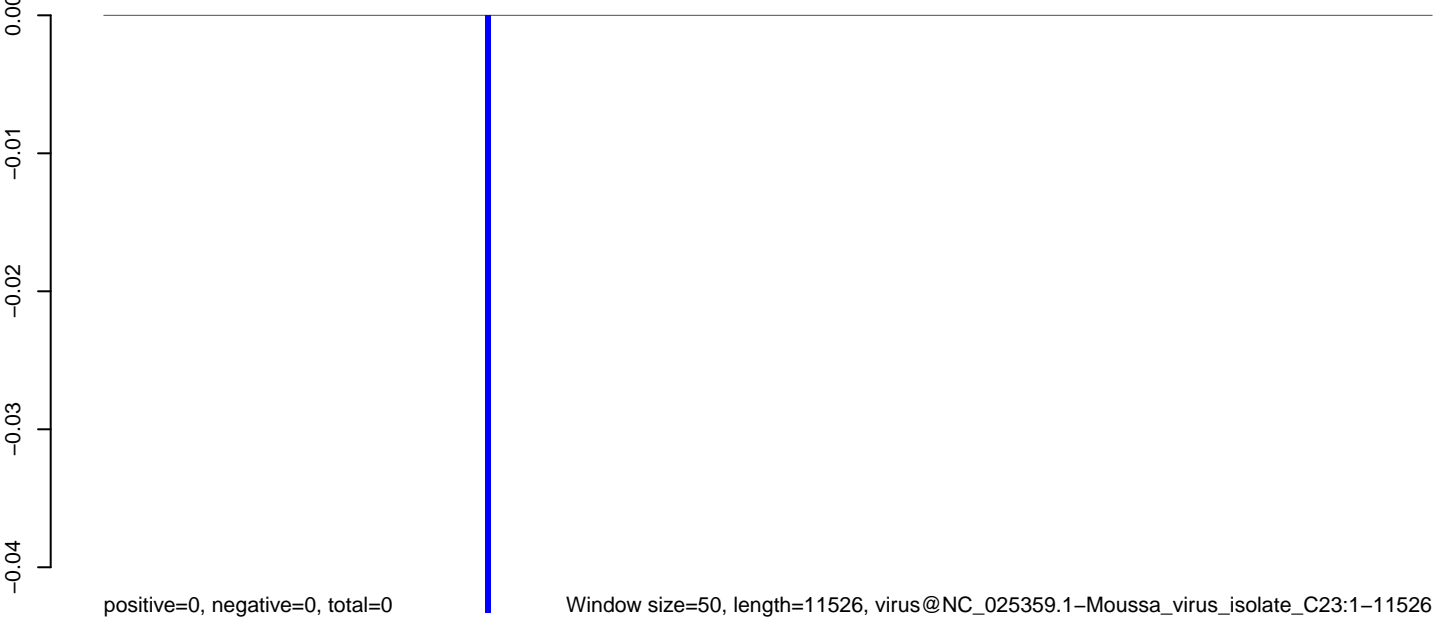
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

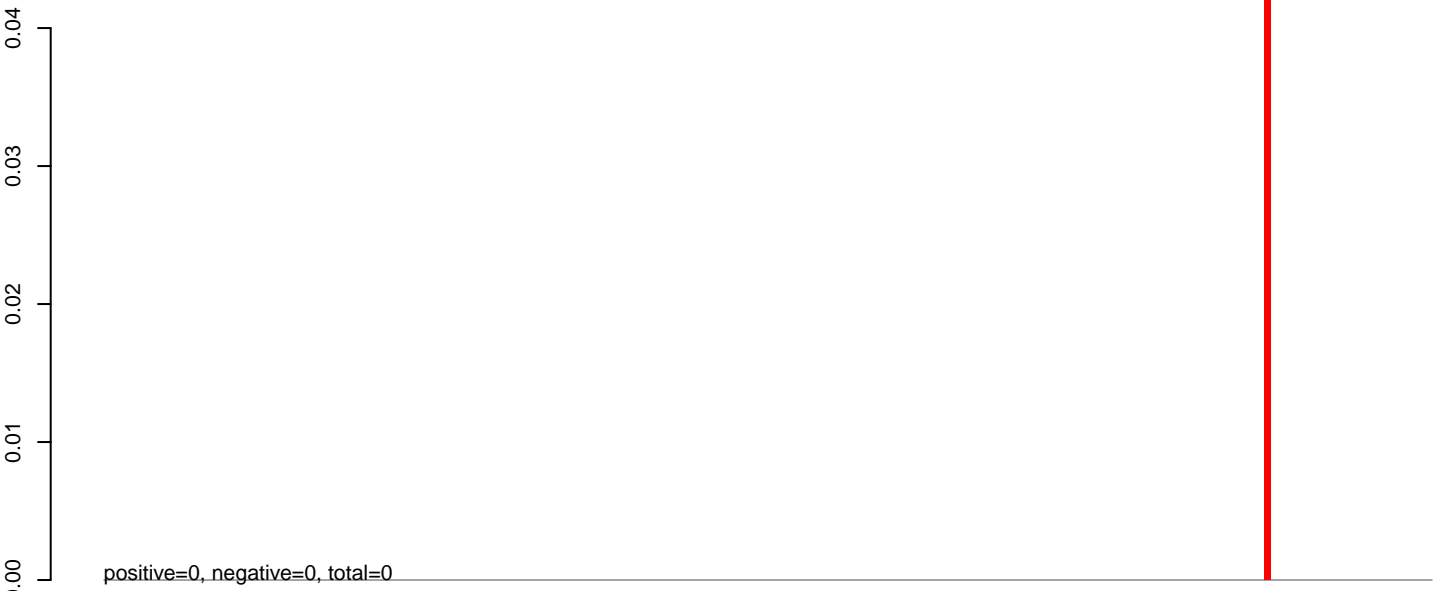


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

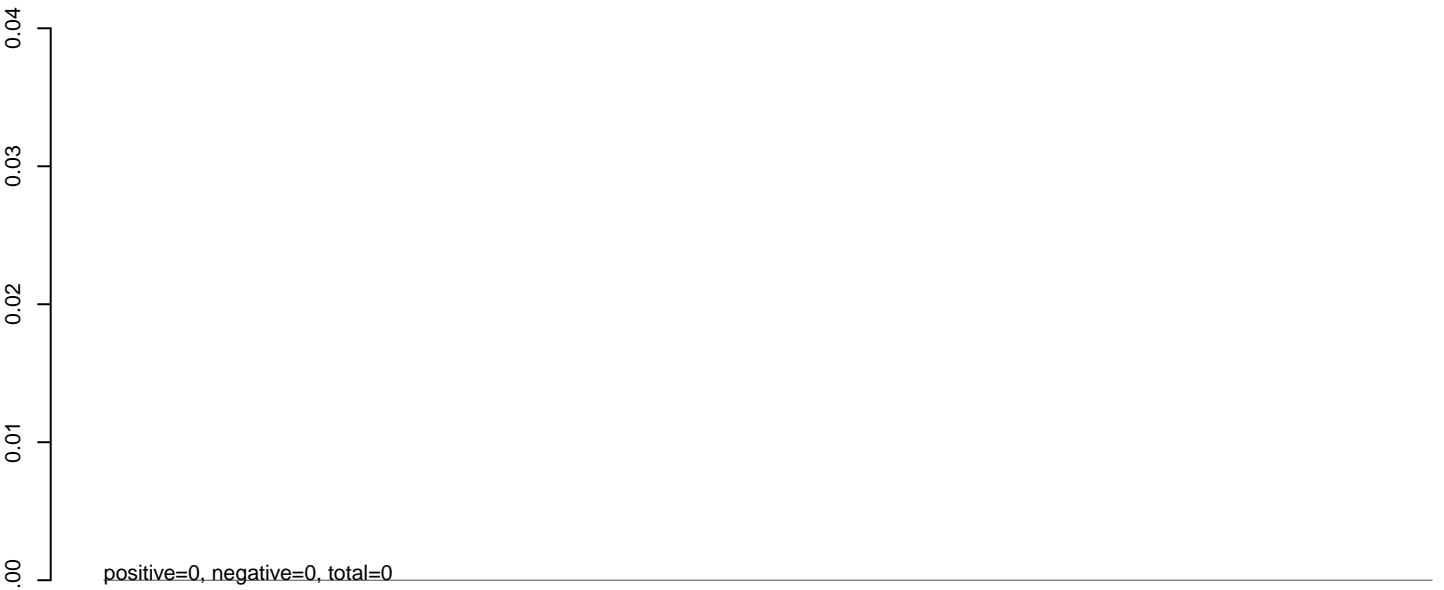


0 2000 4000 6000 8000 10000 12000

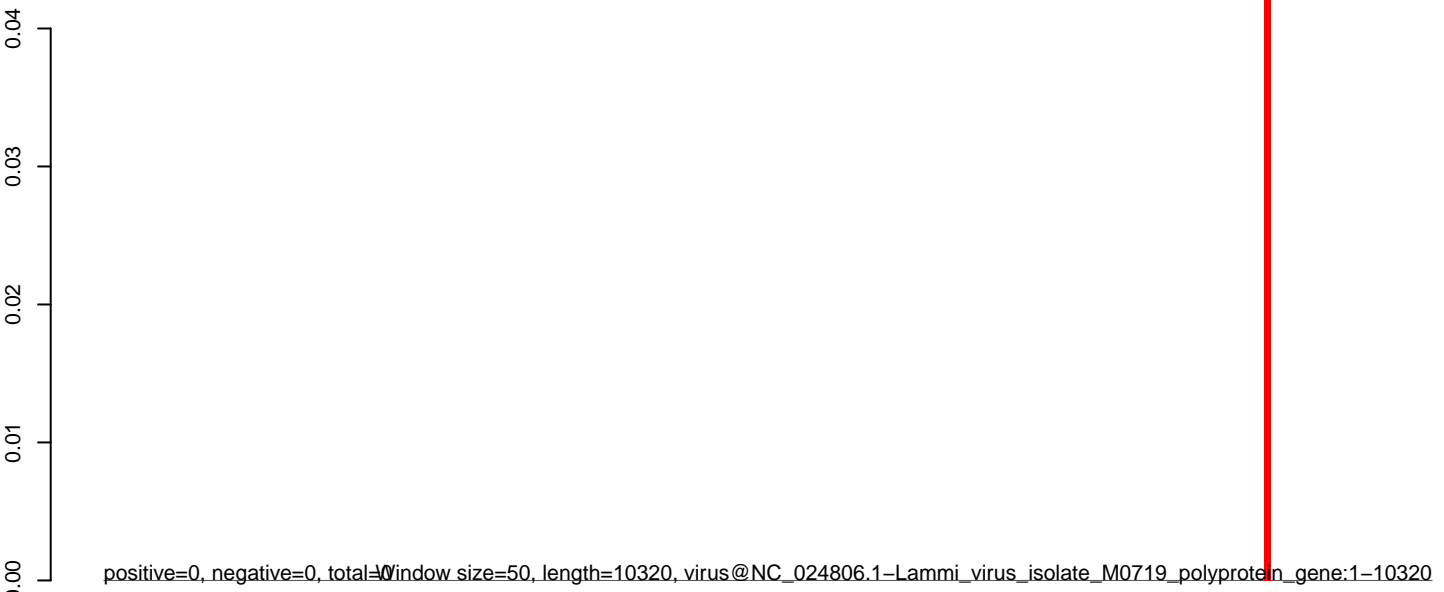
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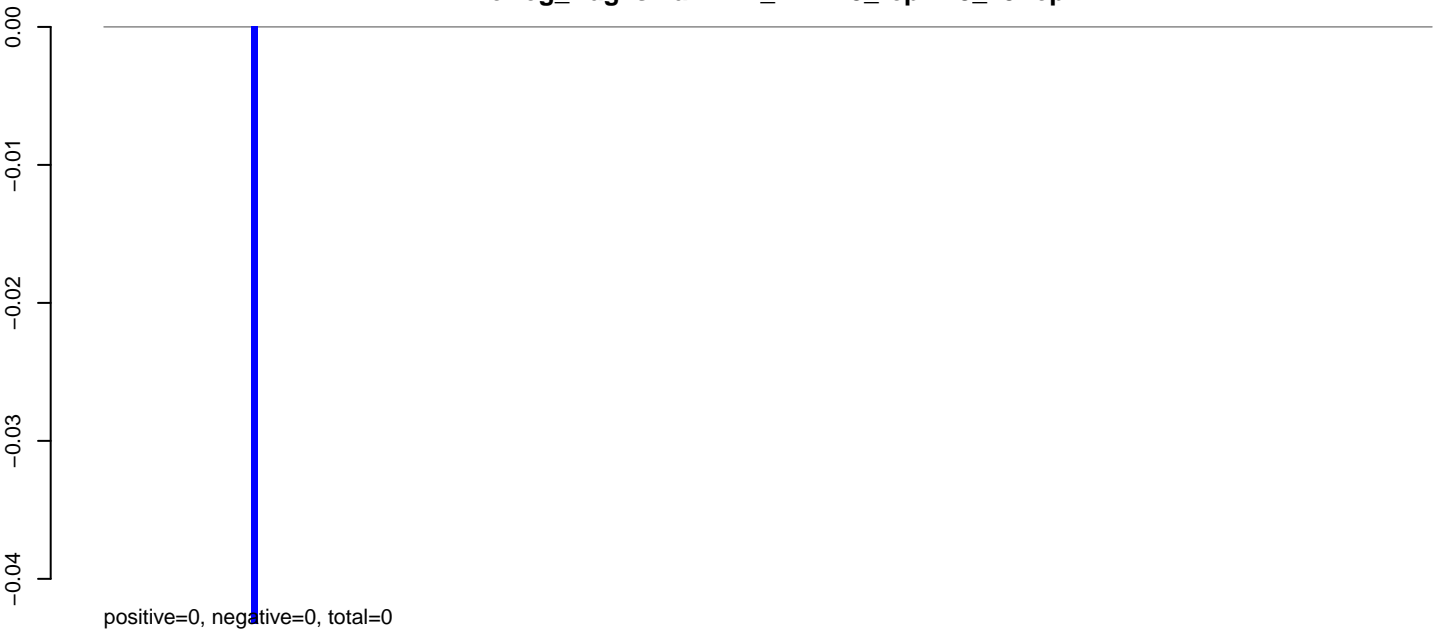
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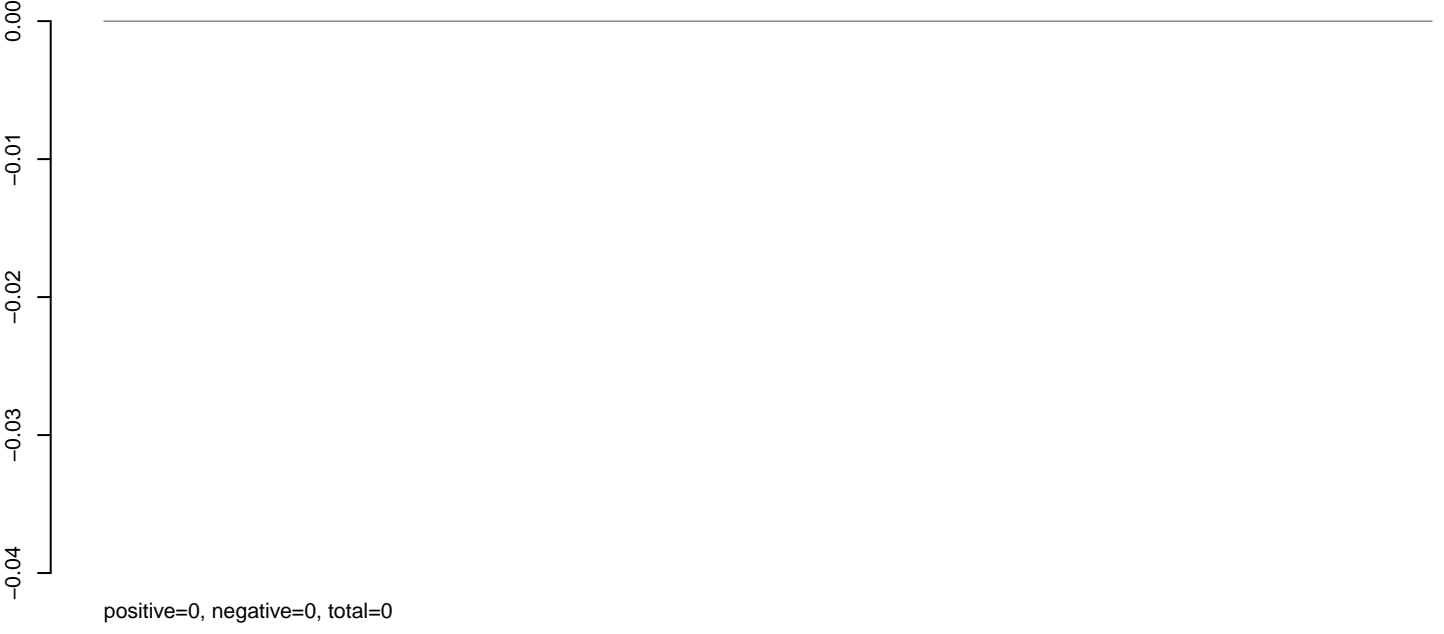
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

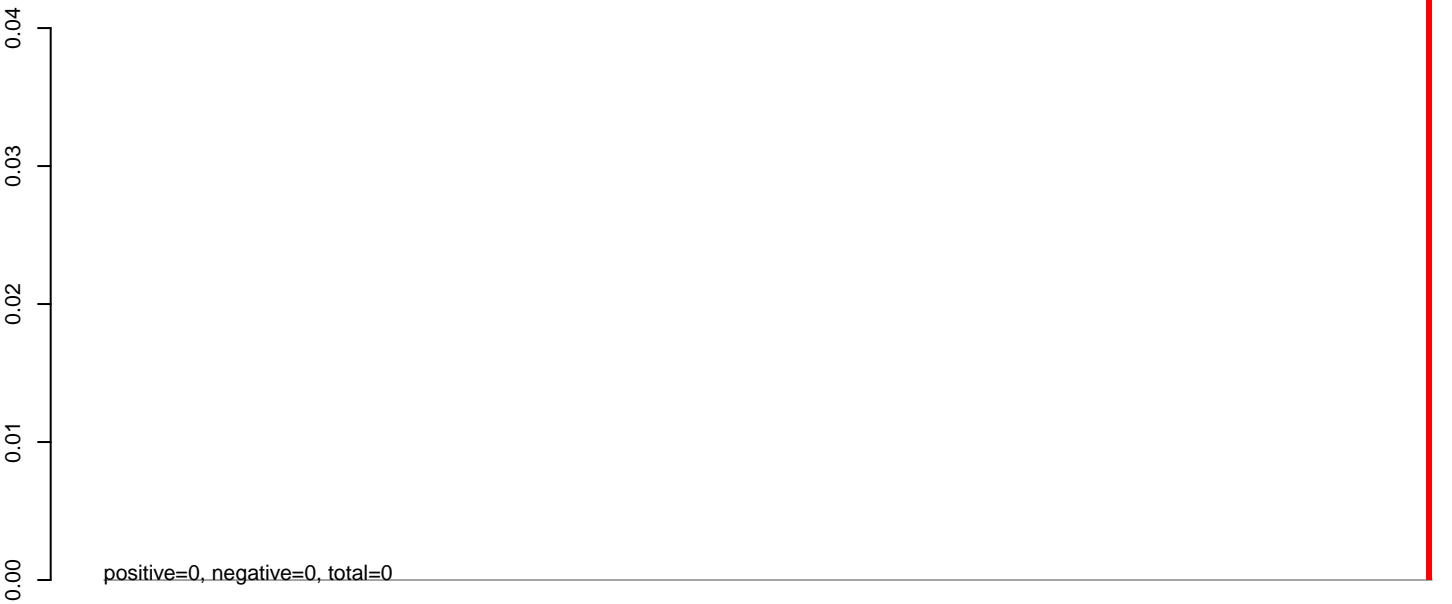


Window size=50, length=10365, virus@NC\_024805.1-Ilomantsi\_virus\_isolate\_M0724\_polyprotein\_gene:1-10365

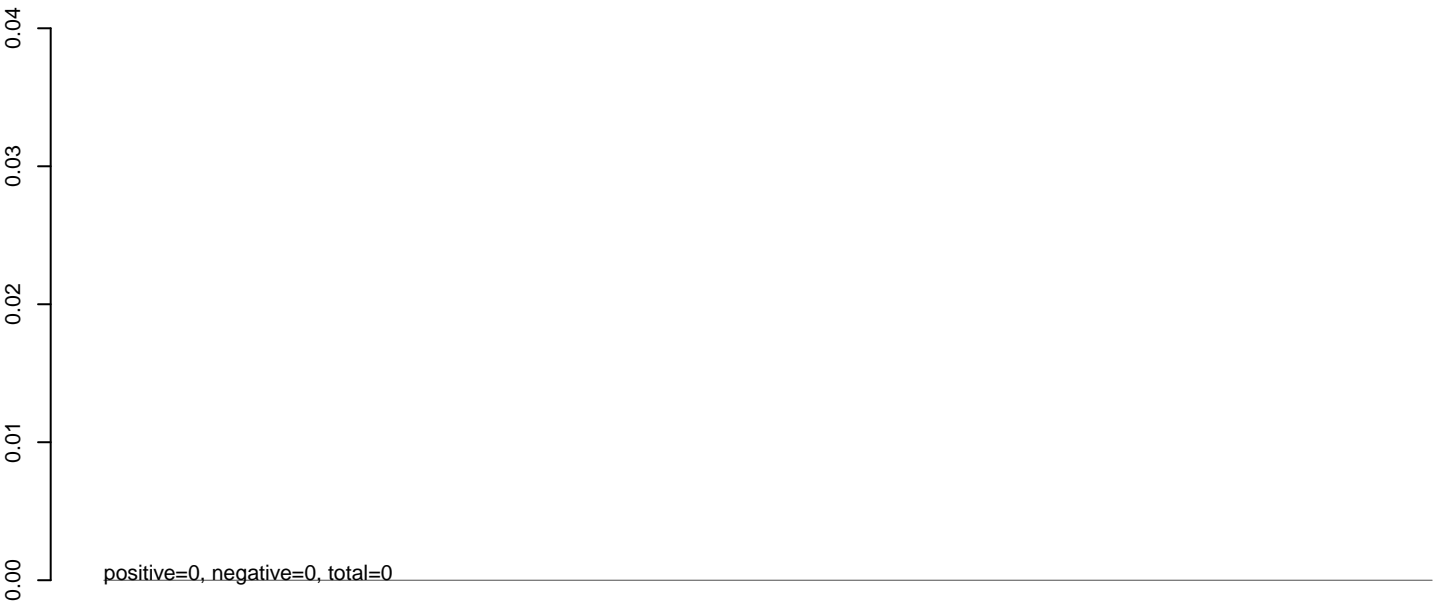
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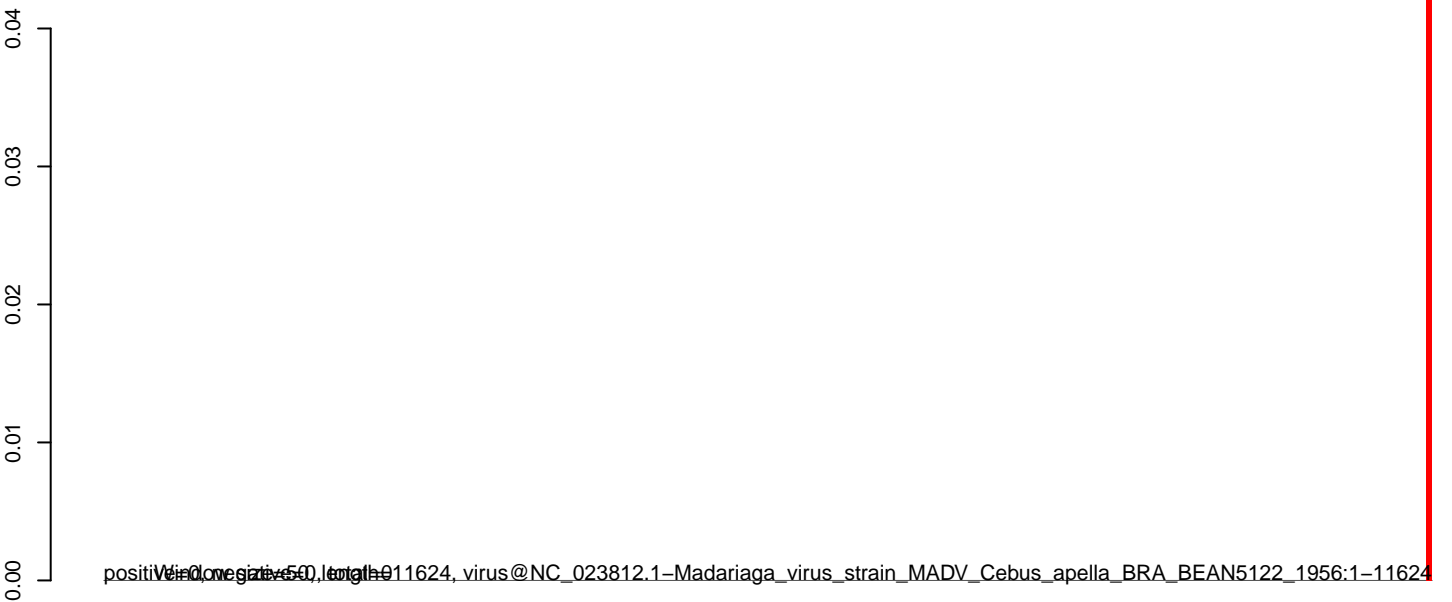
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

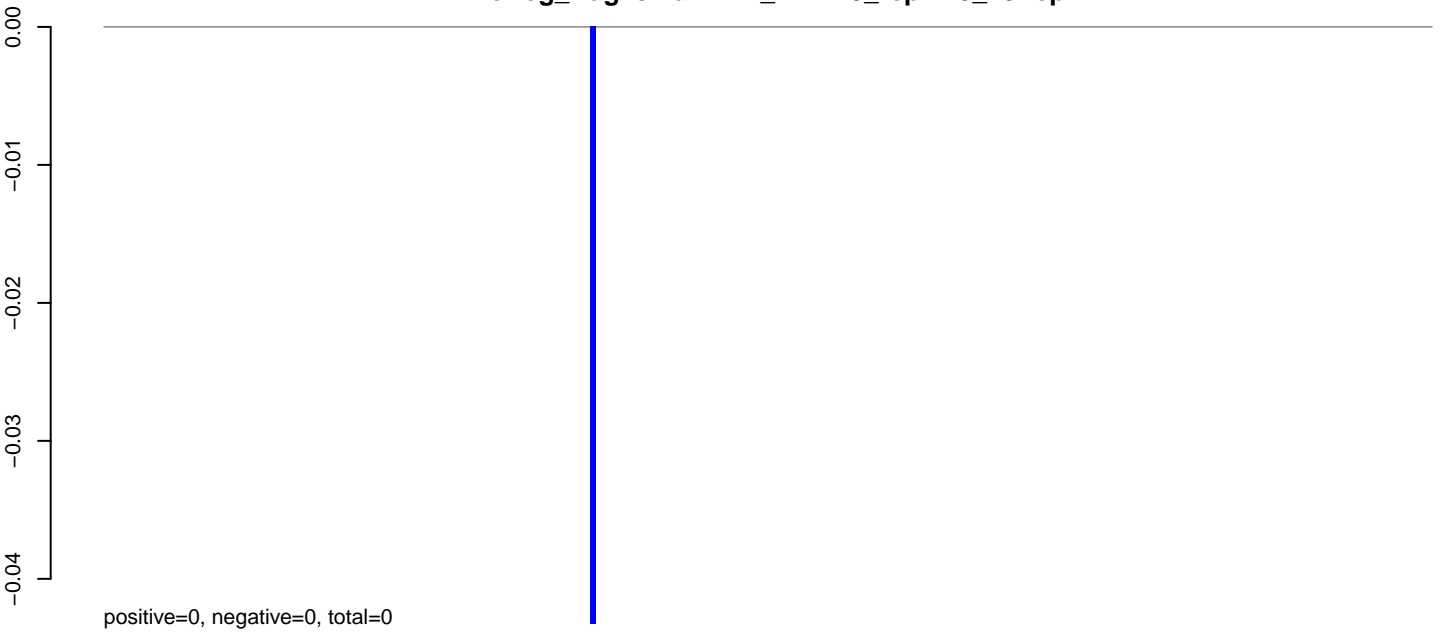


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

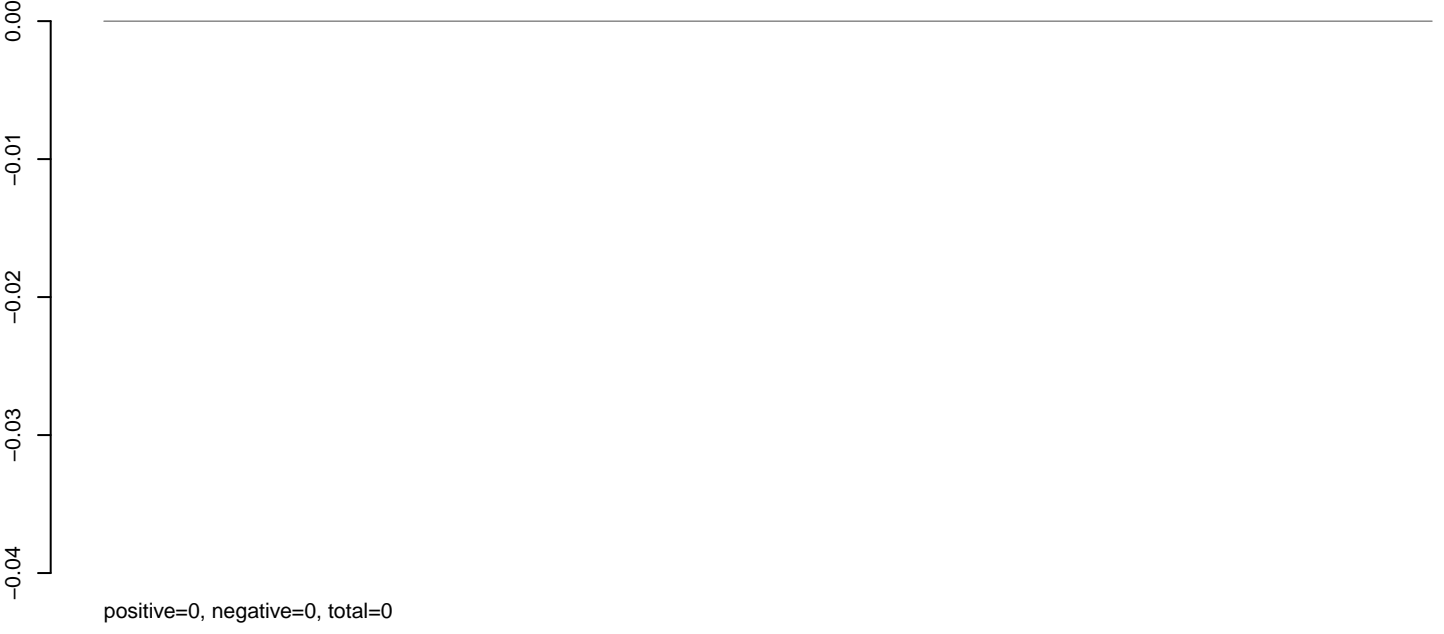


0 2000 4000 6000 8000 10000 12000

**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



0 2000 4000 6000 8000 10000 12000

**AeAeg\_Aag2smallRNA\_DENV3\_rep2.18\_23.rep**

0.25  
0.20  
0.15  
0.10  
0.05  
0.00  
-0.05

positive=0, negative=0, total=0

**AeAeg\_Aag2smallRNA\_DENV3\_rep2.24\_35.rep**

0.25  
0.20  
0.15  
0.10  
0.05  
0.00  
-0.05

positive=1, negative=0, total=1

**AeAeg\_Aag2smallRNA\_DENV3\_rep2.rep**

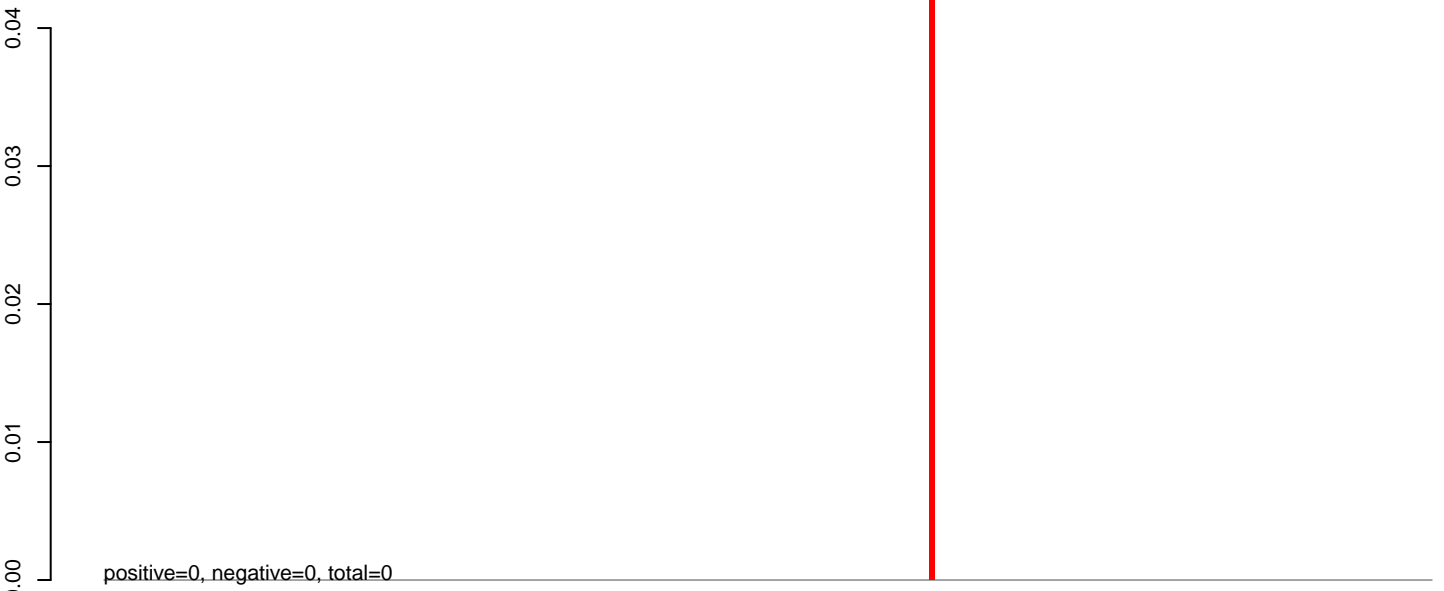
0.3  
0.2  
0.1  
0.0

positive=1, negative=0, total=1

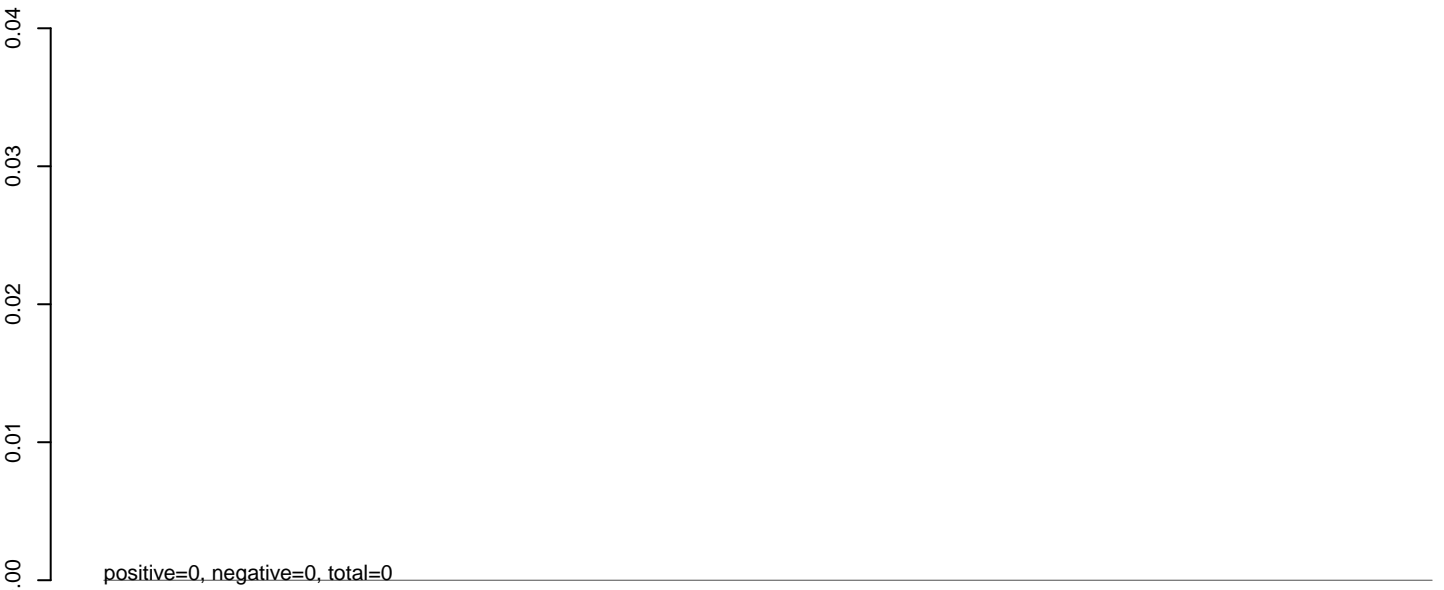
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0 2000 4000 6000 8000 10000 12000

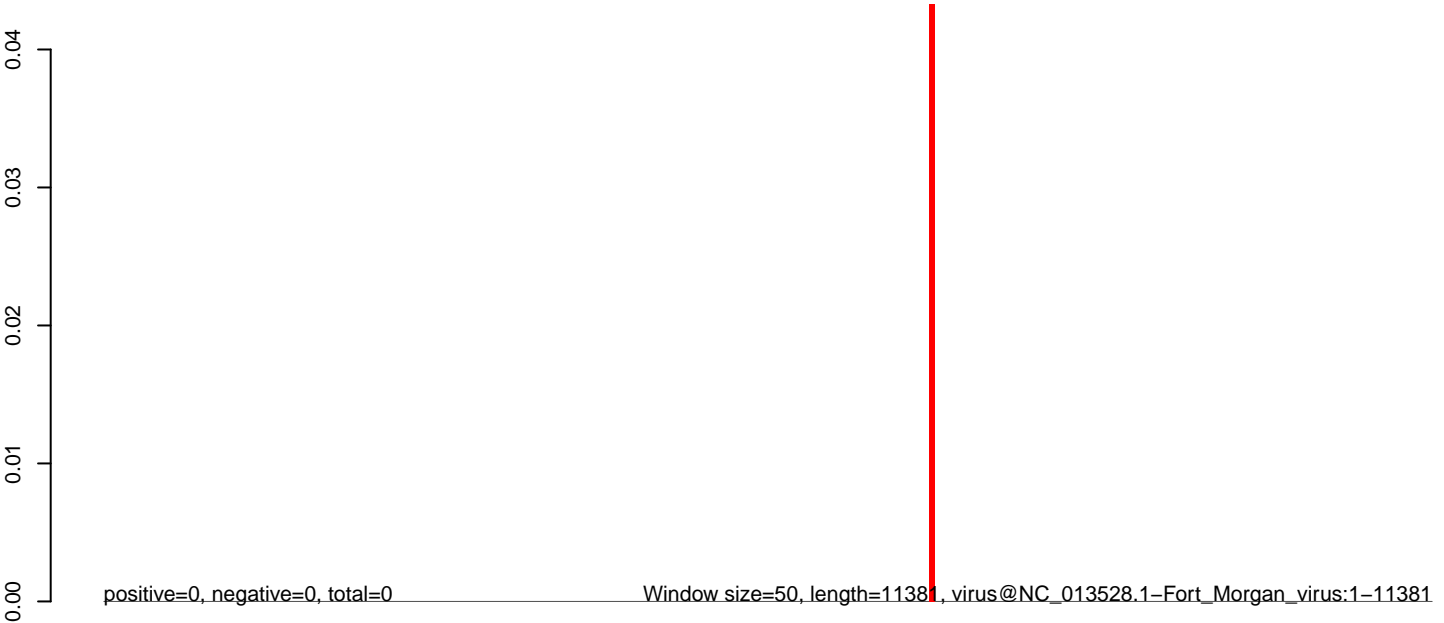
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



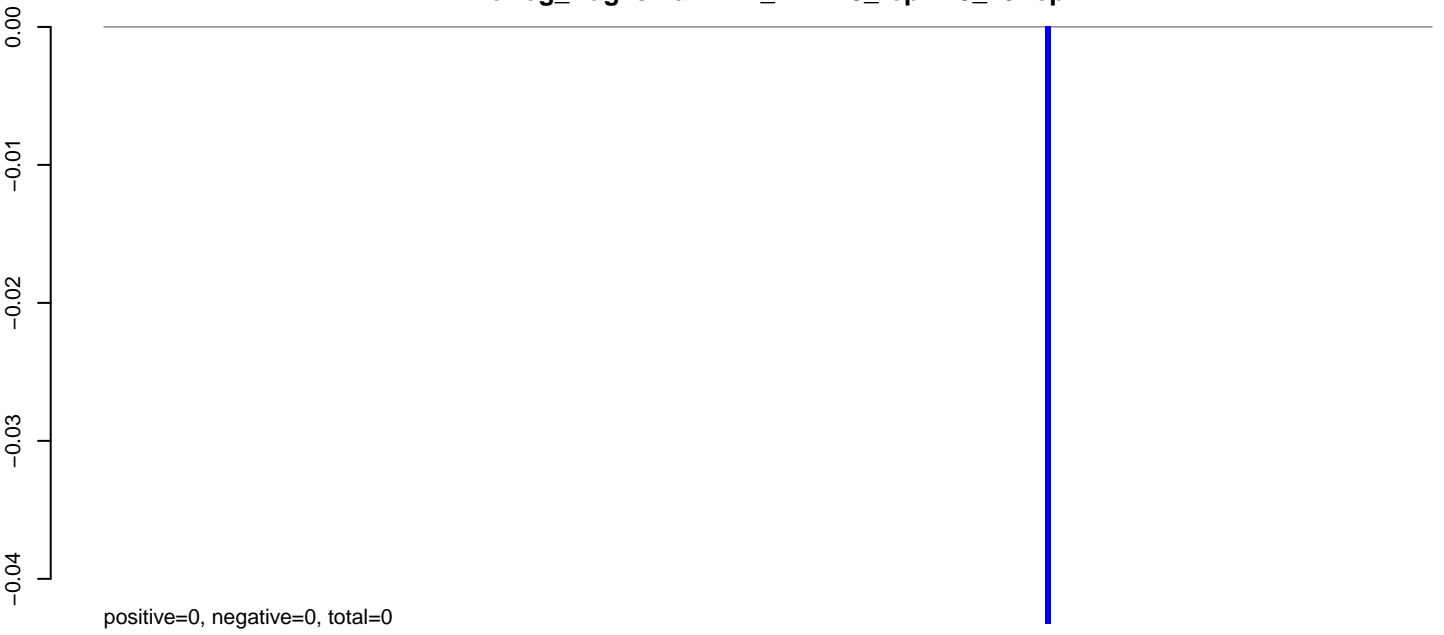
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



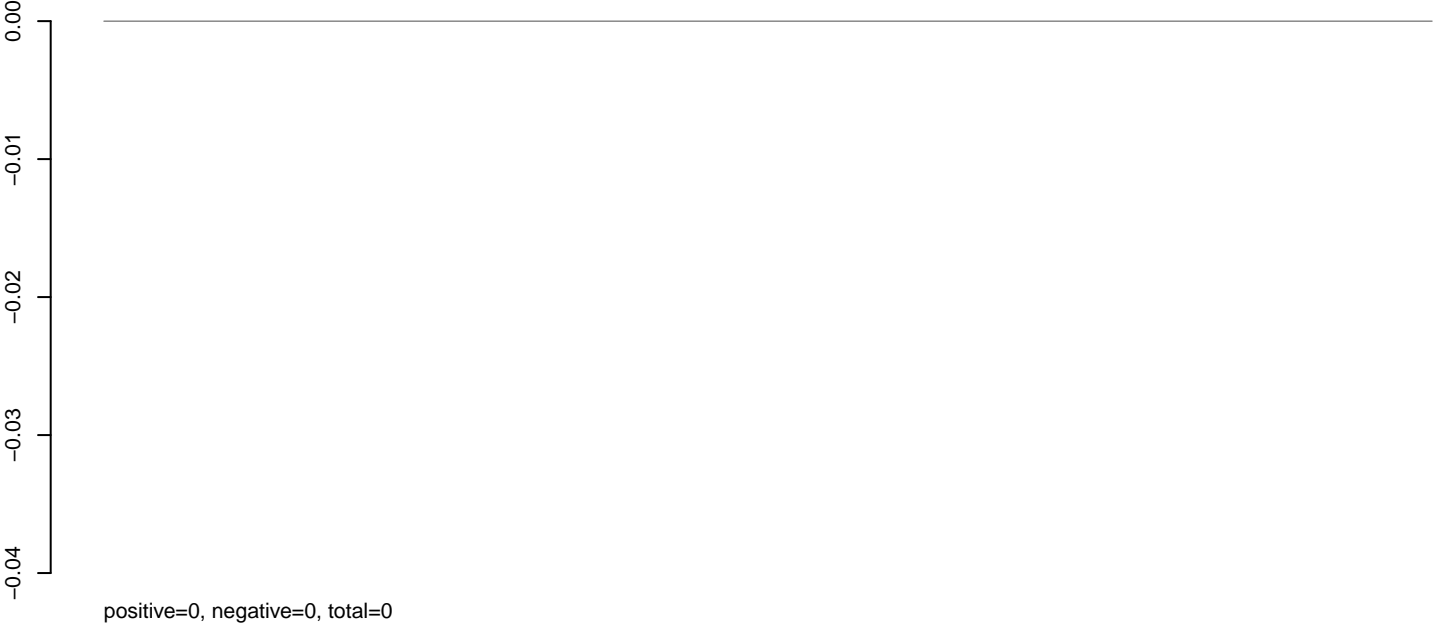
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



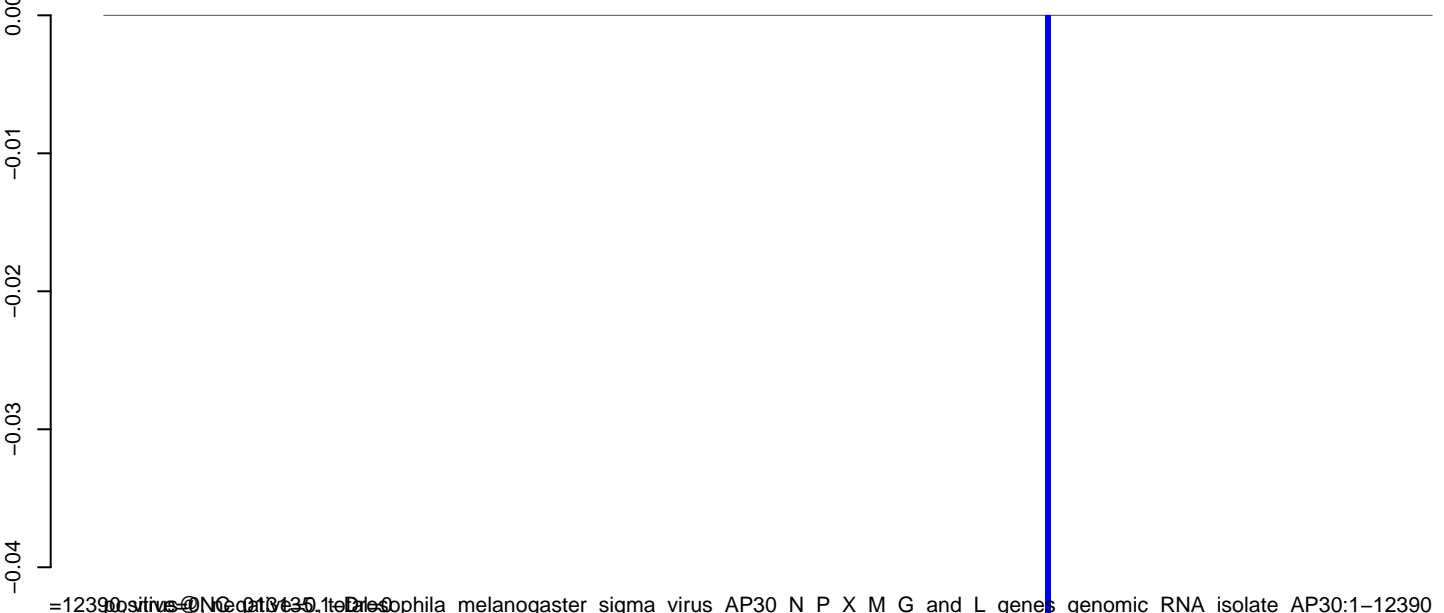
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV3\_rep2.24\_35.rep**



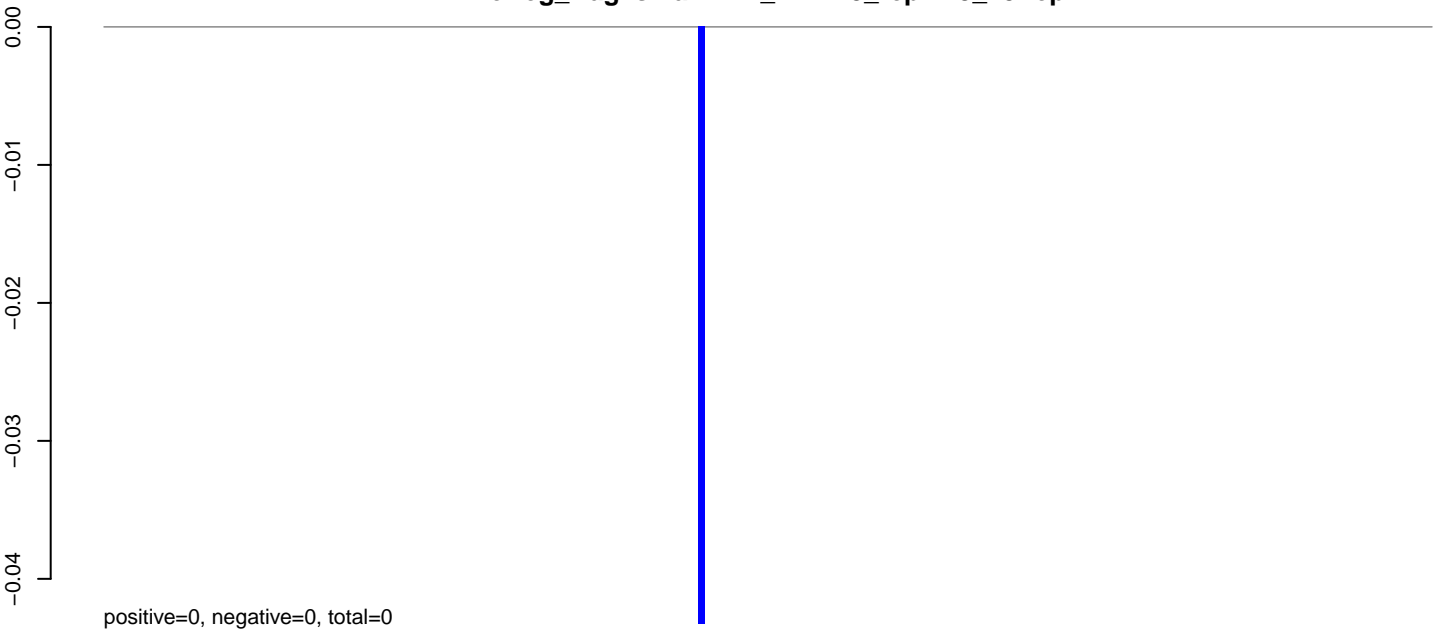
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.rep**



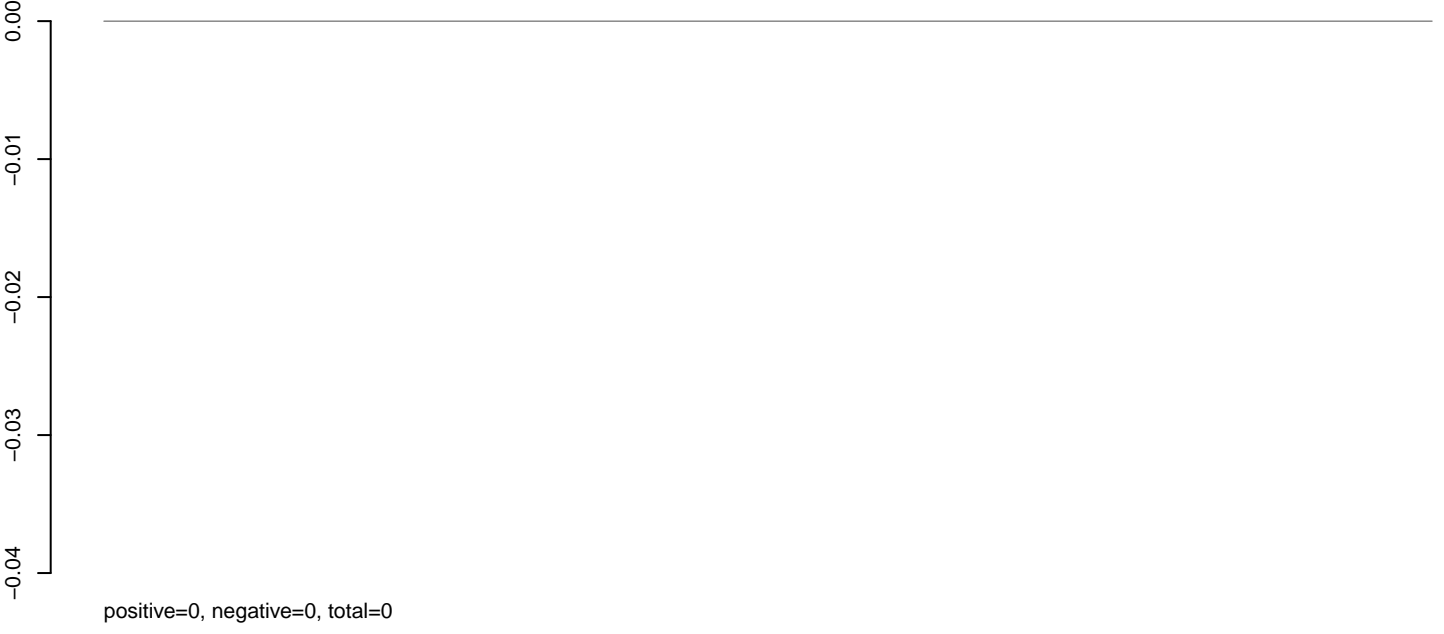
=12390 positive=0, negative=0, total=0 Drosophila\_melanogaster\_sigma\_virus\_AP30\_N\_P\_X\_M\_G\_and\_L\_genes\_genomic\_RNA\_isolate\_AP30:1-12390

0 2000 4000 6000 8000 10000 12000

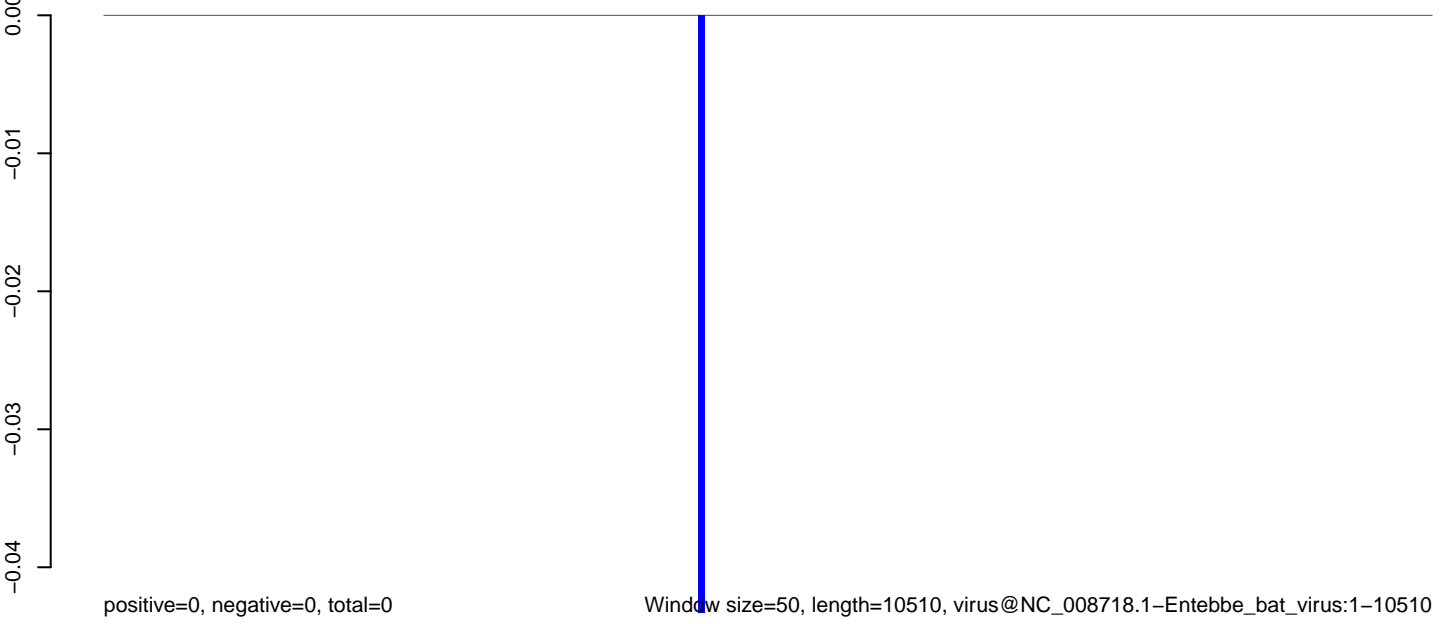
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



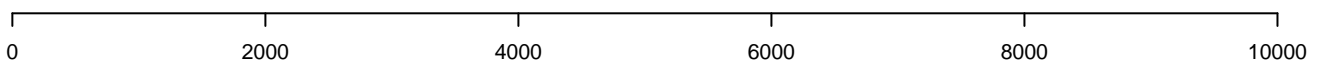
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



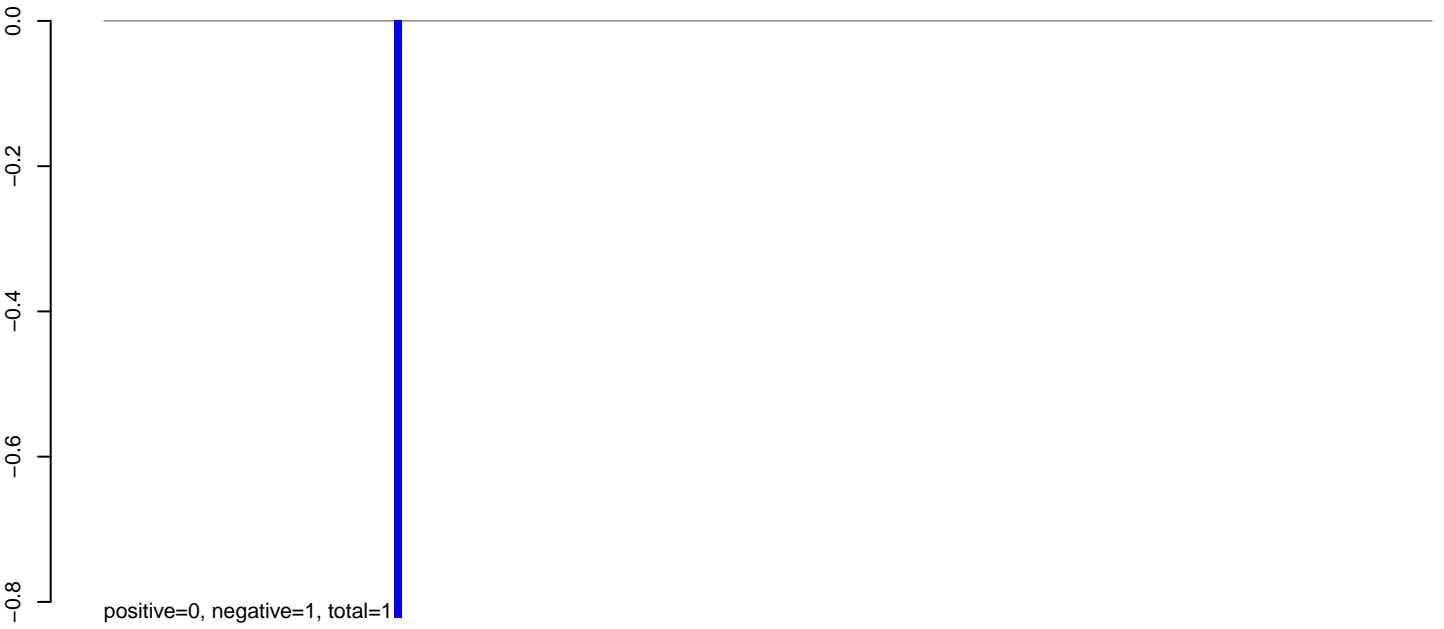
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



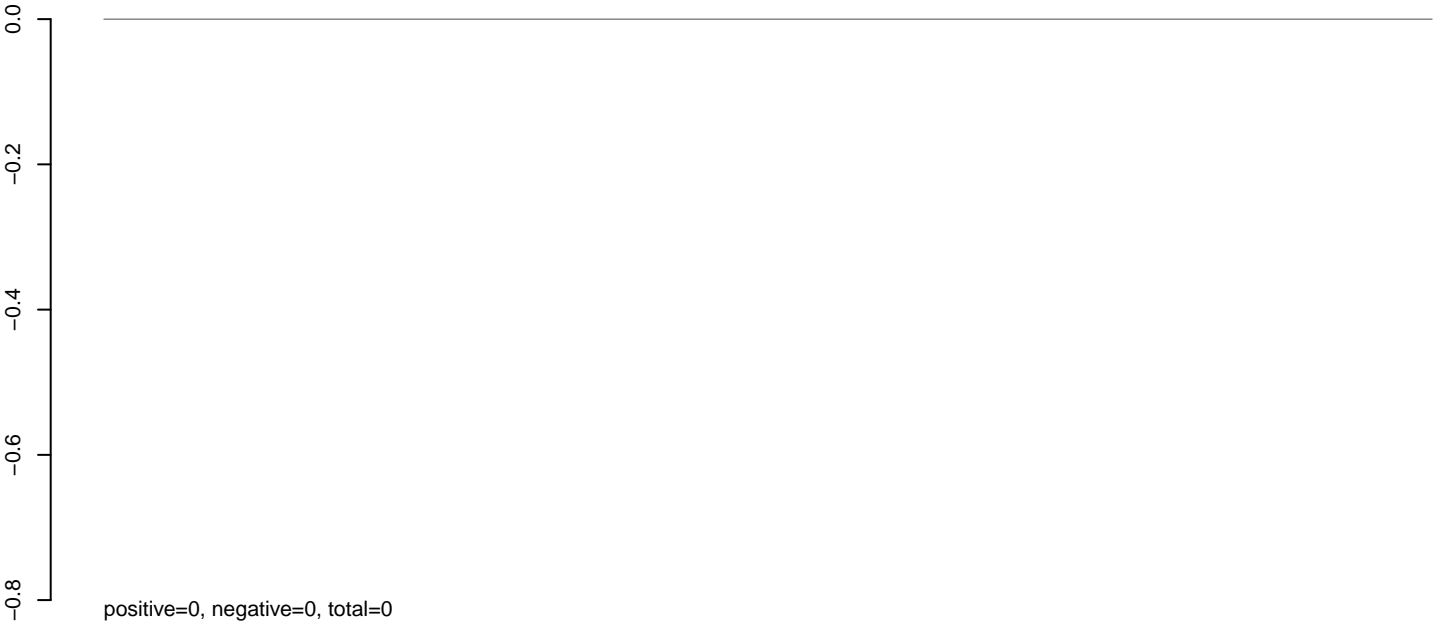
Window size=50, length=10510, virus@NC\_008718.1-Entebbe\_bat\_virus:1-10510



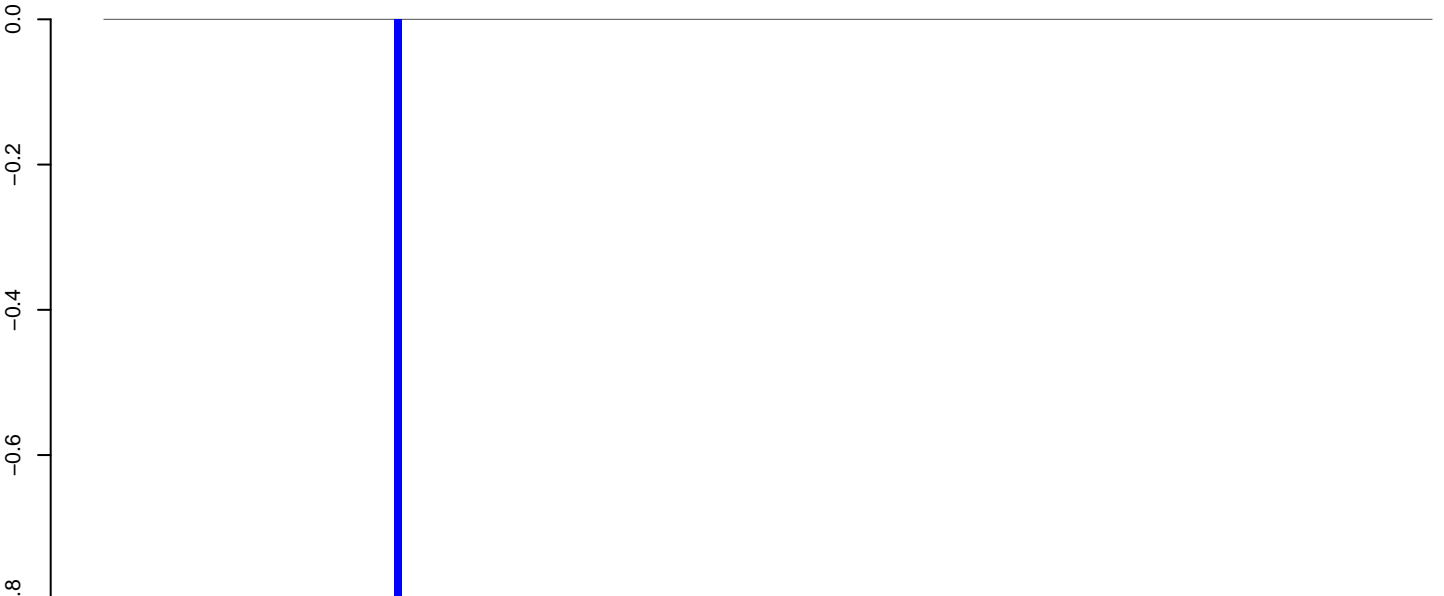
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



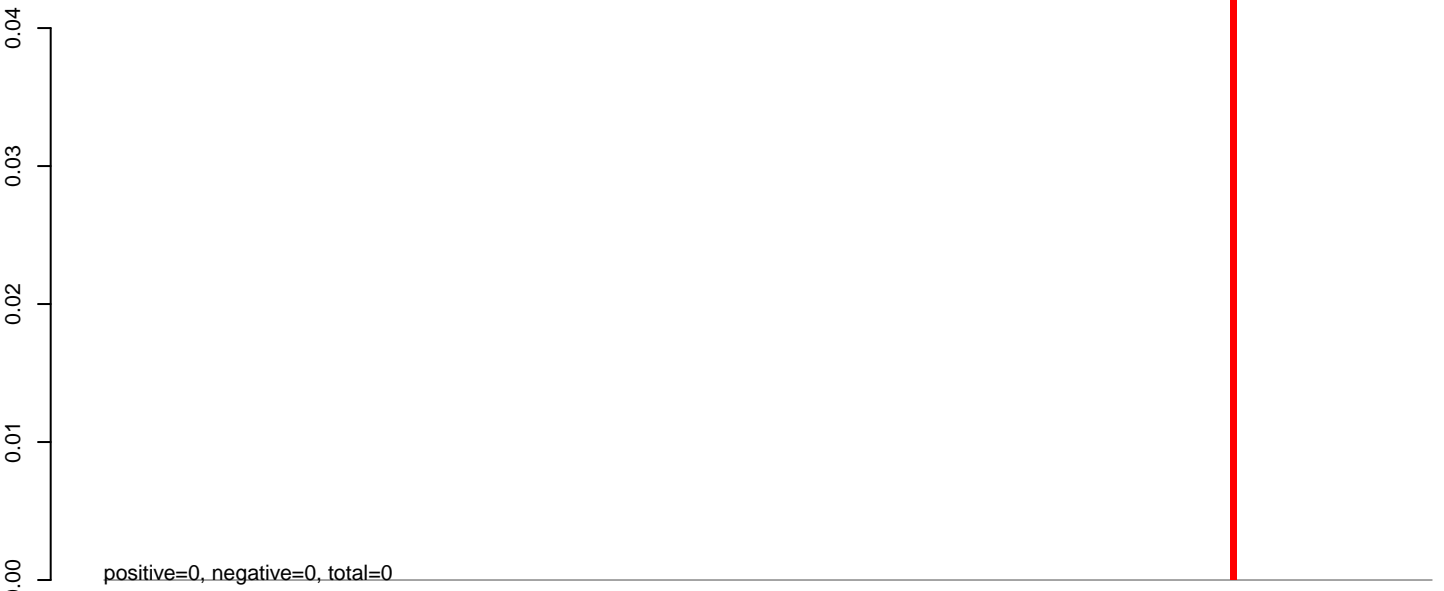
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



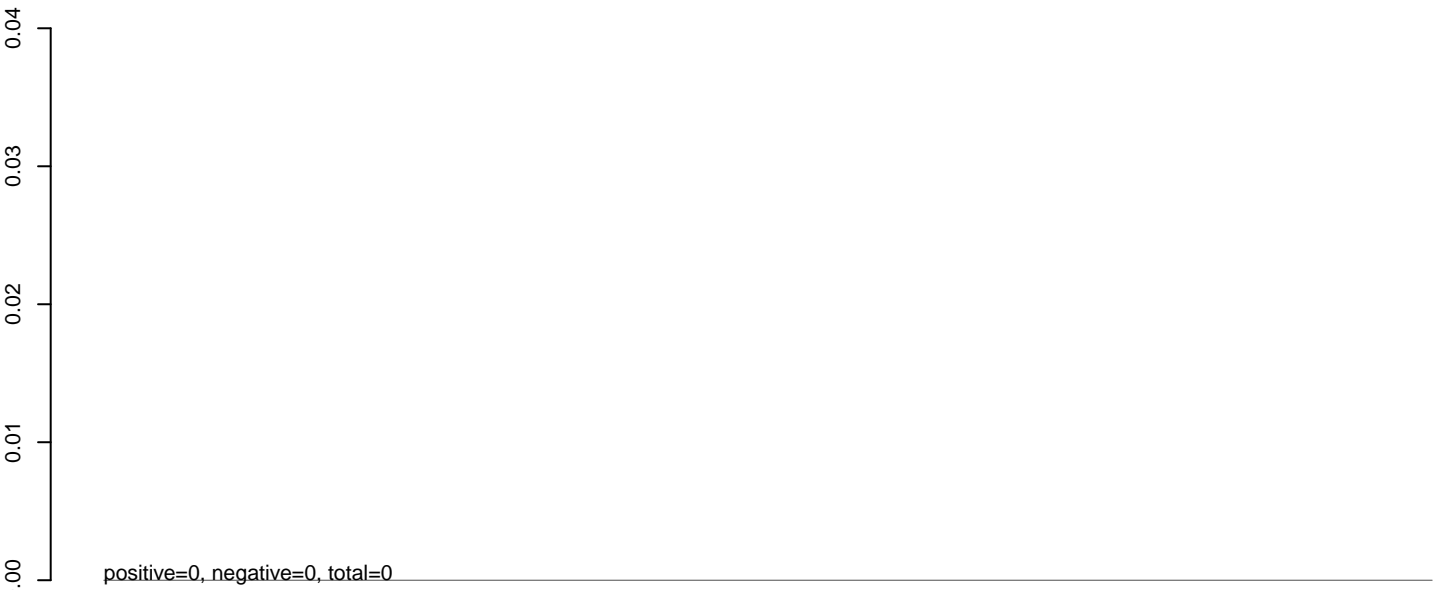
WINDUP: NC\_003924.1-Cricket\_paralysis\_virus\_nonstructural\_polyprotein\_and\_structural\_polyprotein\_genes:1-9185

0 2000 4000 6000 8000

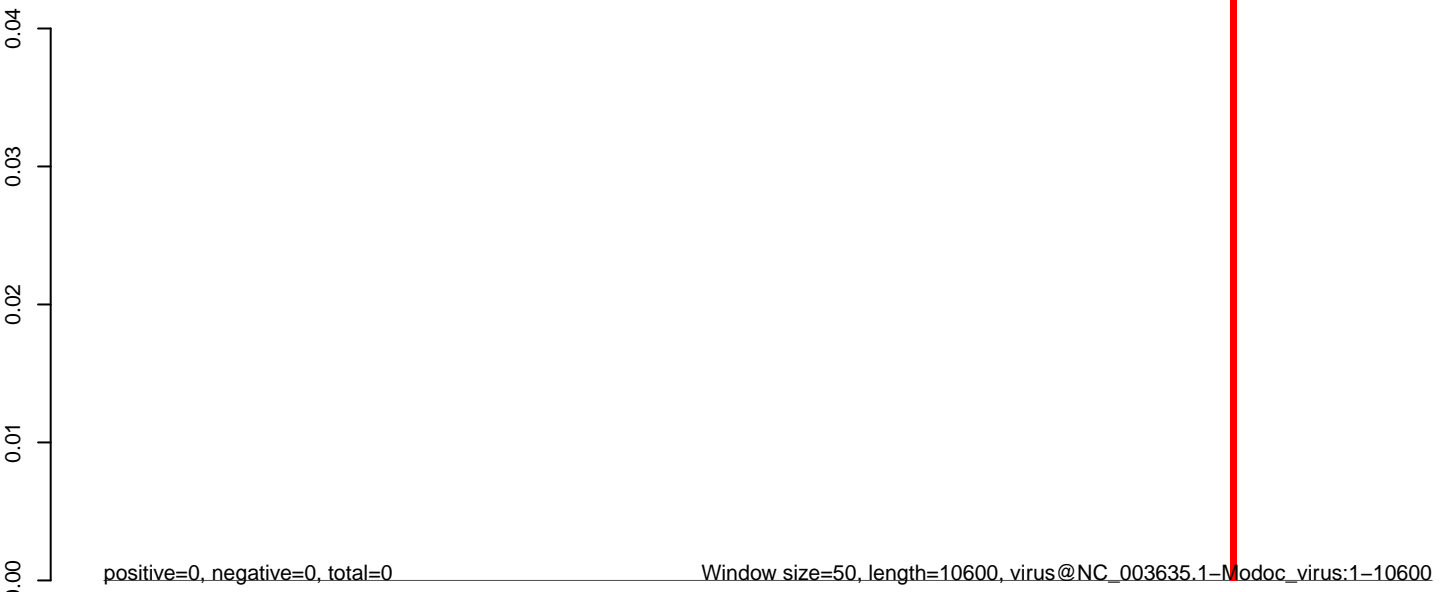
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

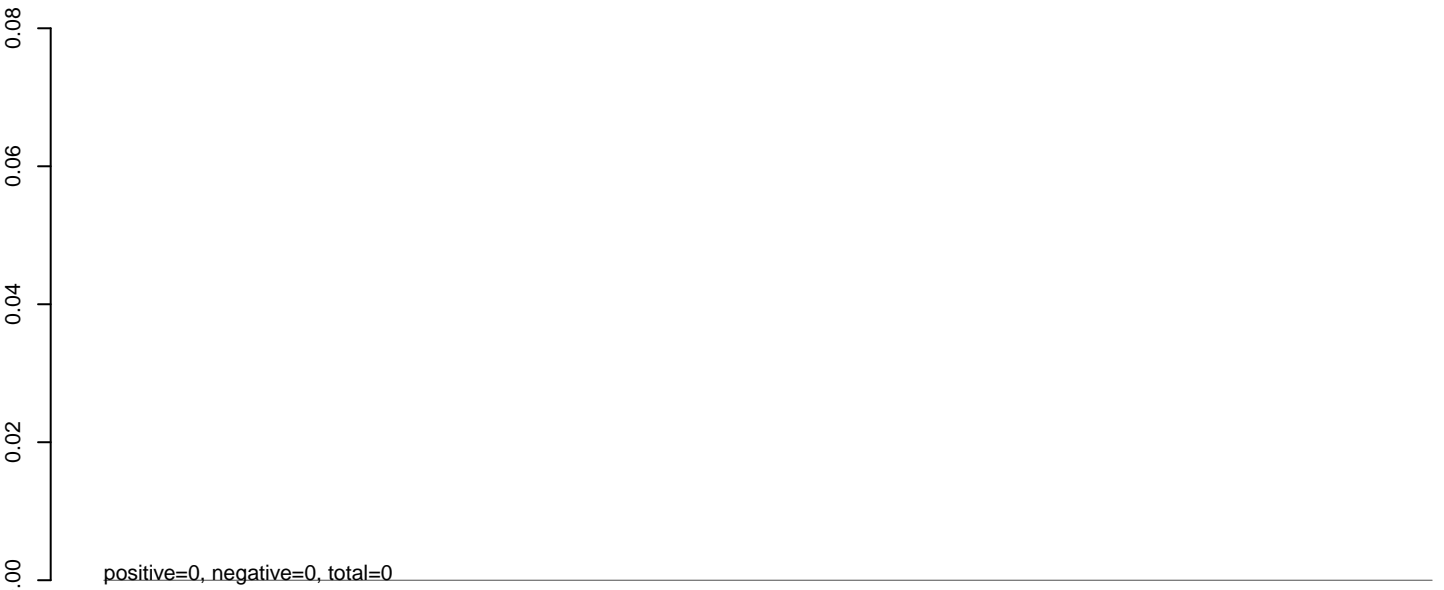




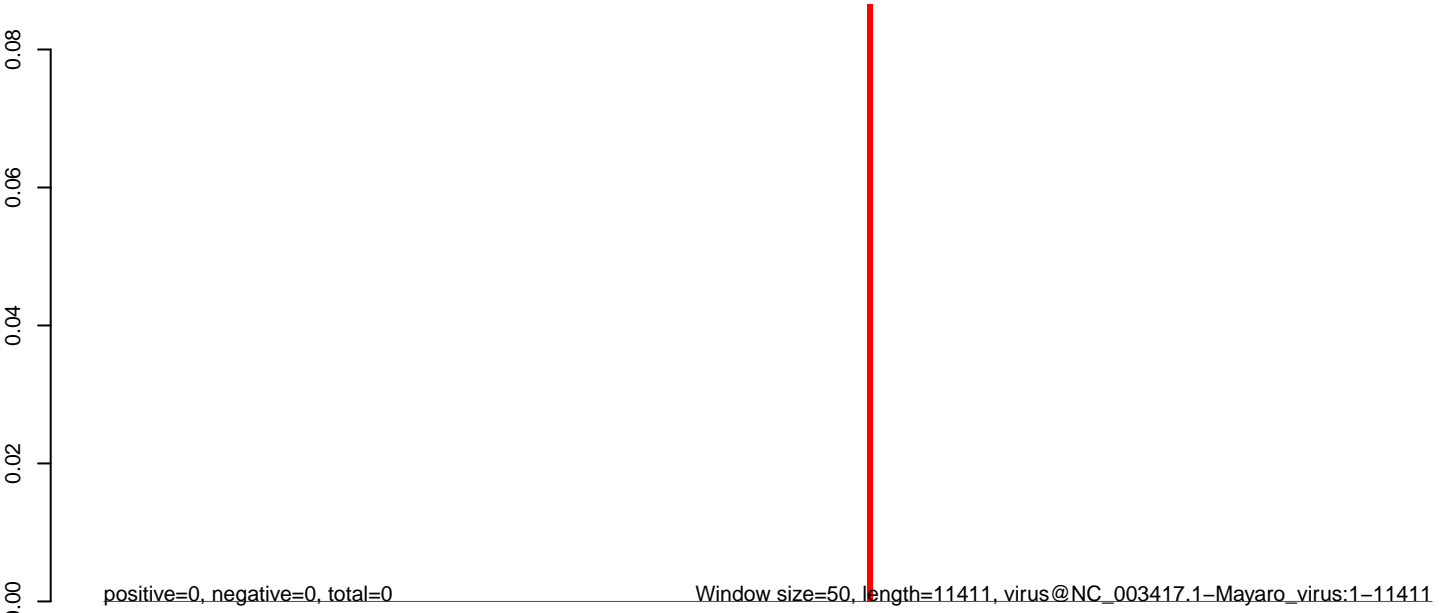
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.18\_23.rep**



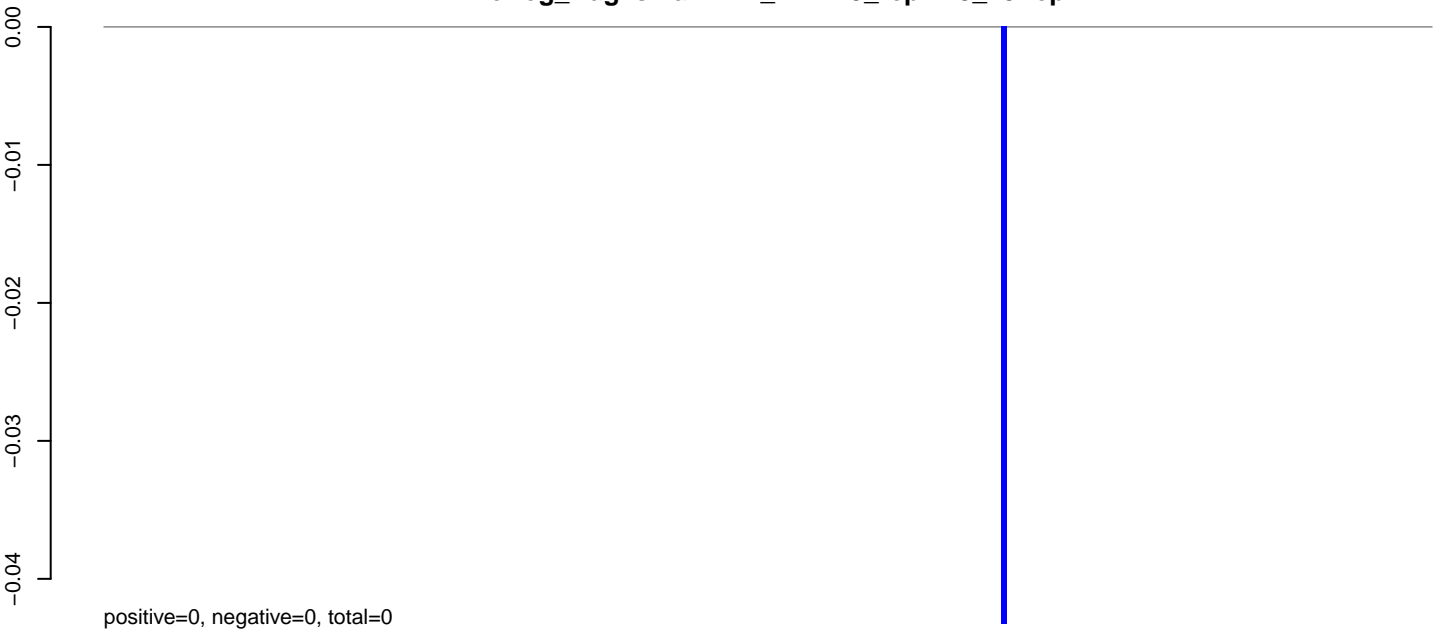
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.24\_35.rep**



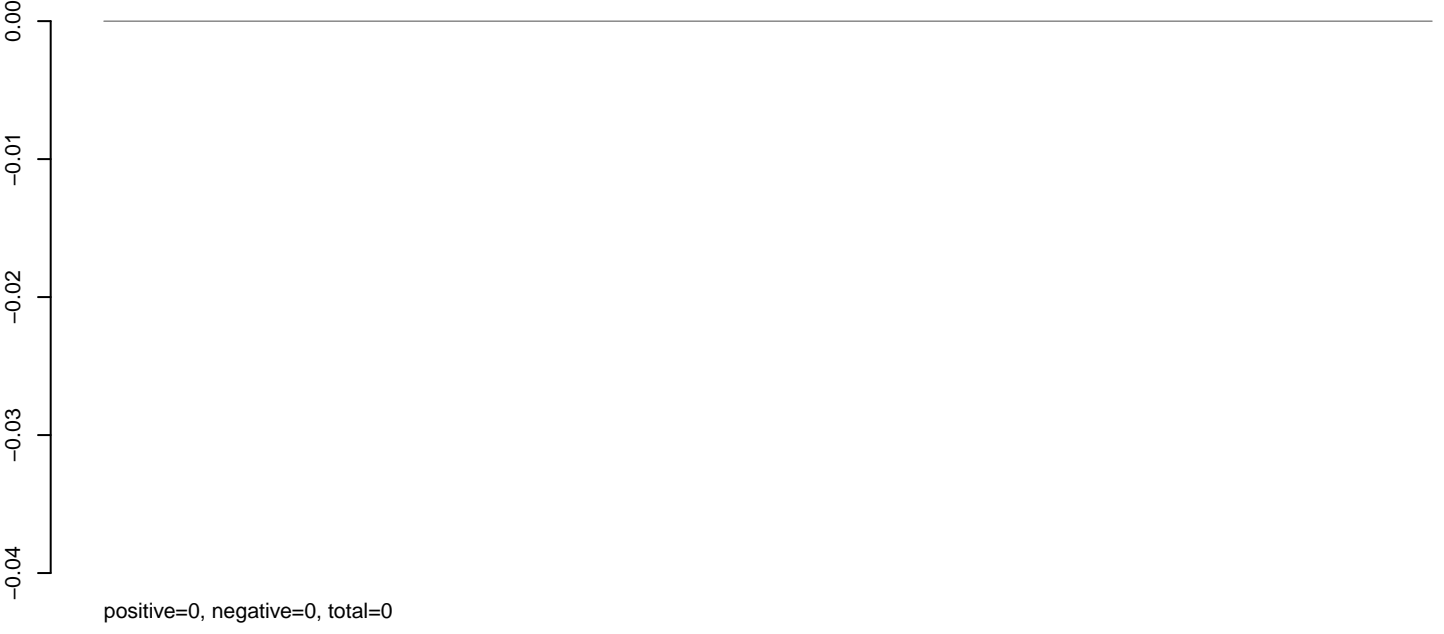
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.rep**



**AeAeg\_Aag2smallRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV3\_rep2.24\_35.rep**



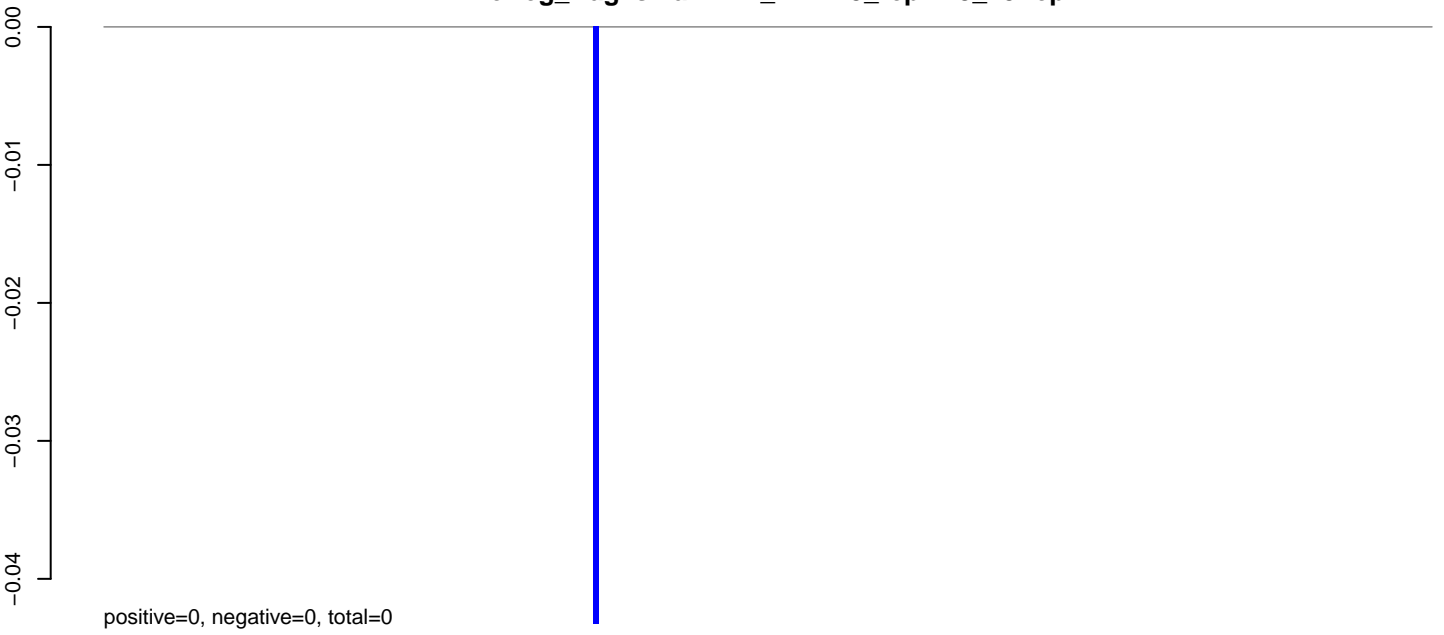
**AeAeg\_Aag2smallRNA\_DENV3\_rep2.rep**



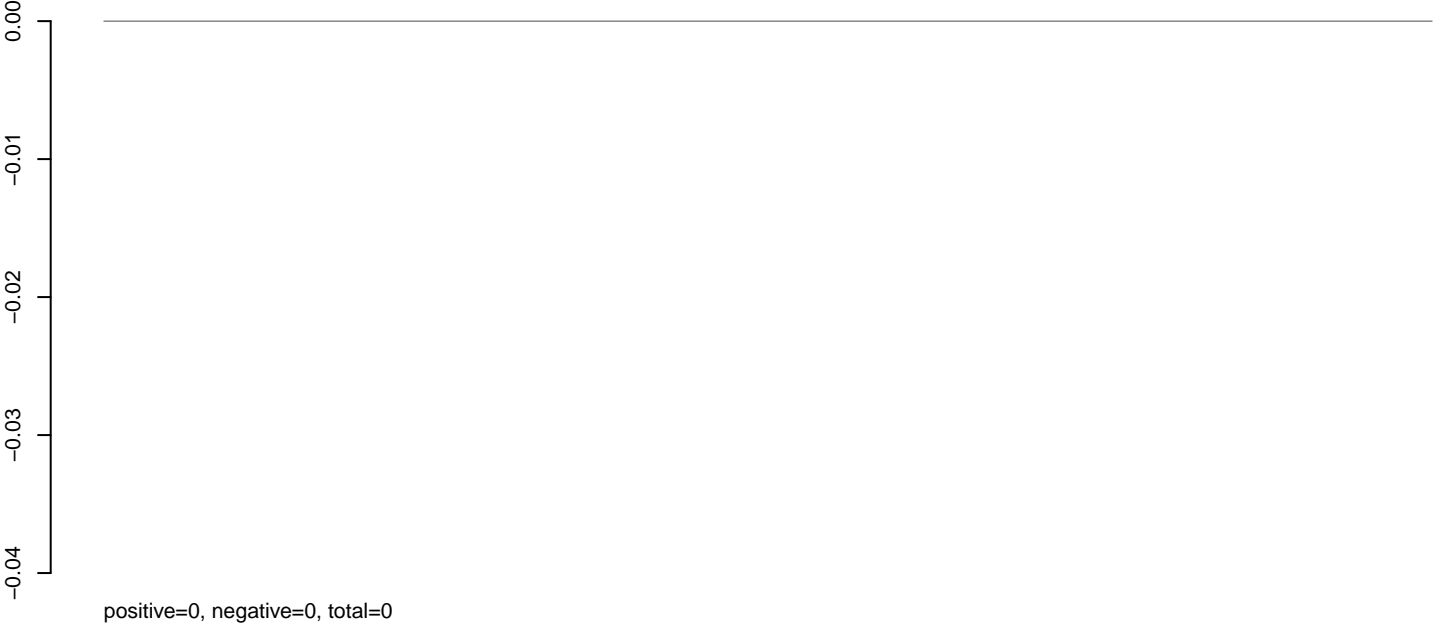
Window size=50, length=11442, virus@NC\_003215.1-Semliki\_forest\_virus:1-11442

0 2000 4000 6000 8000 10000

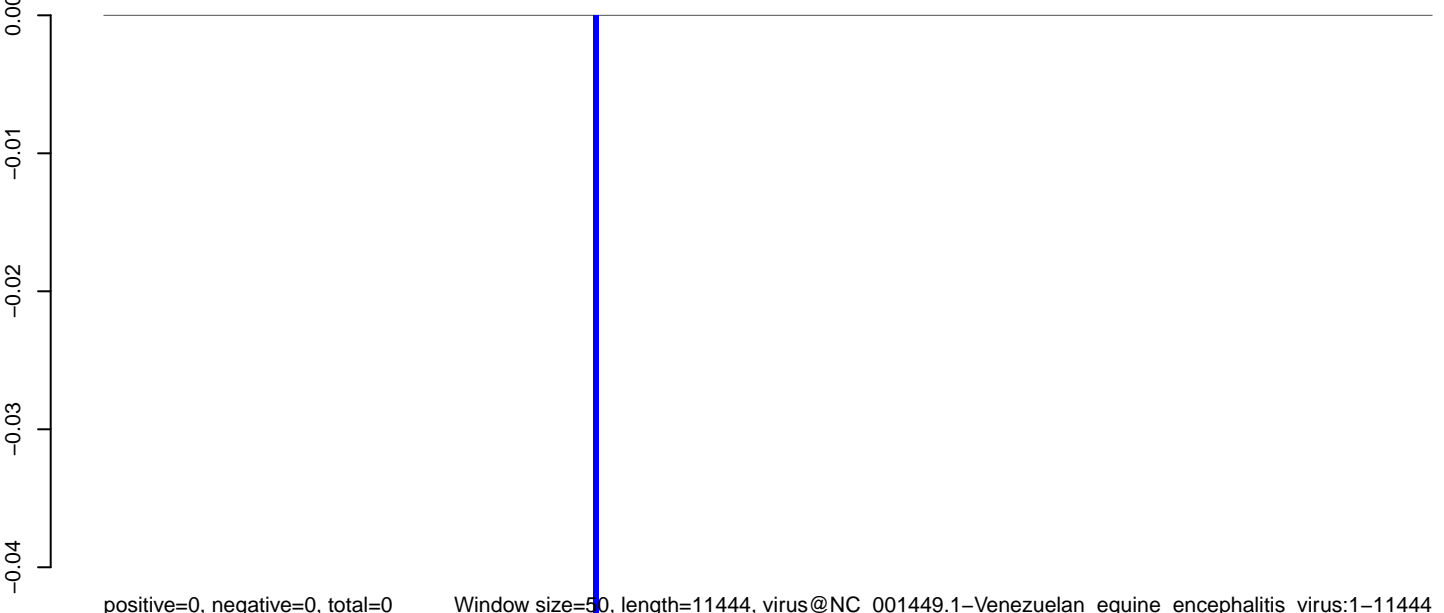
**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**

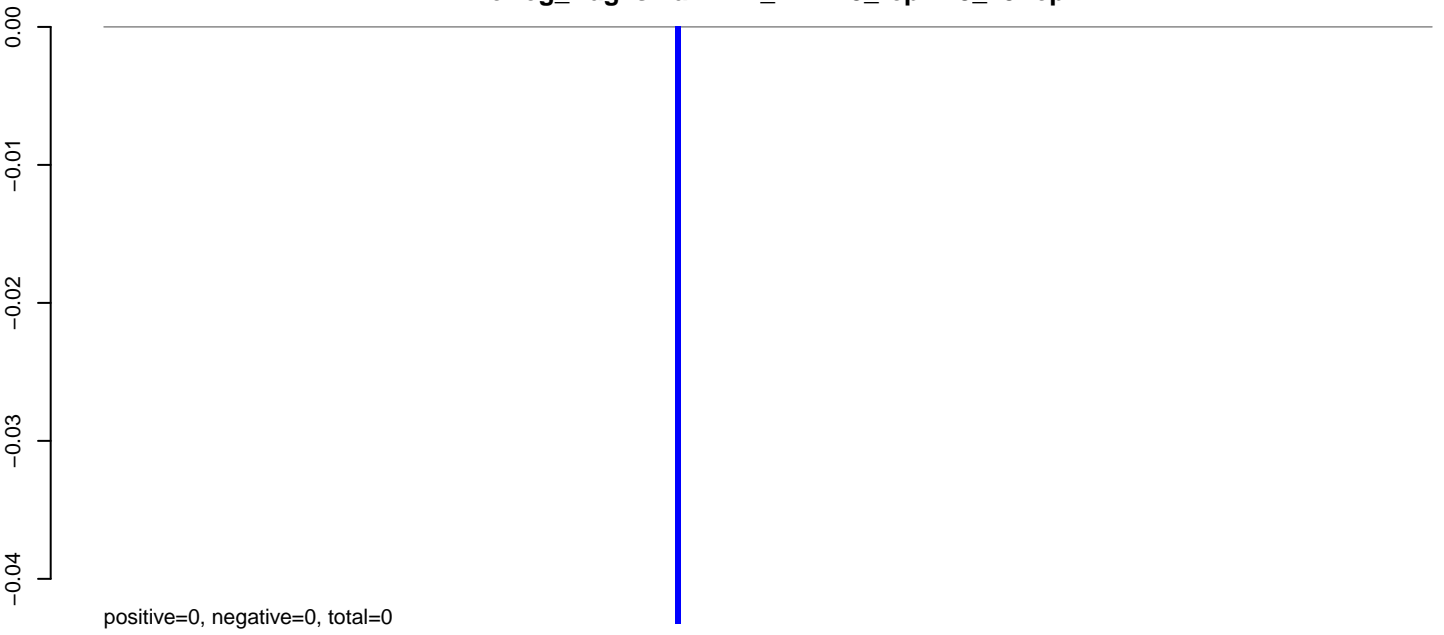


**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**

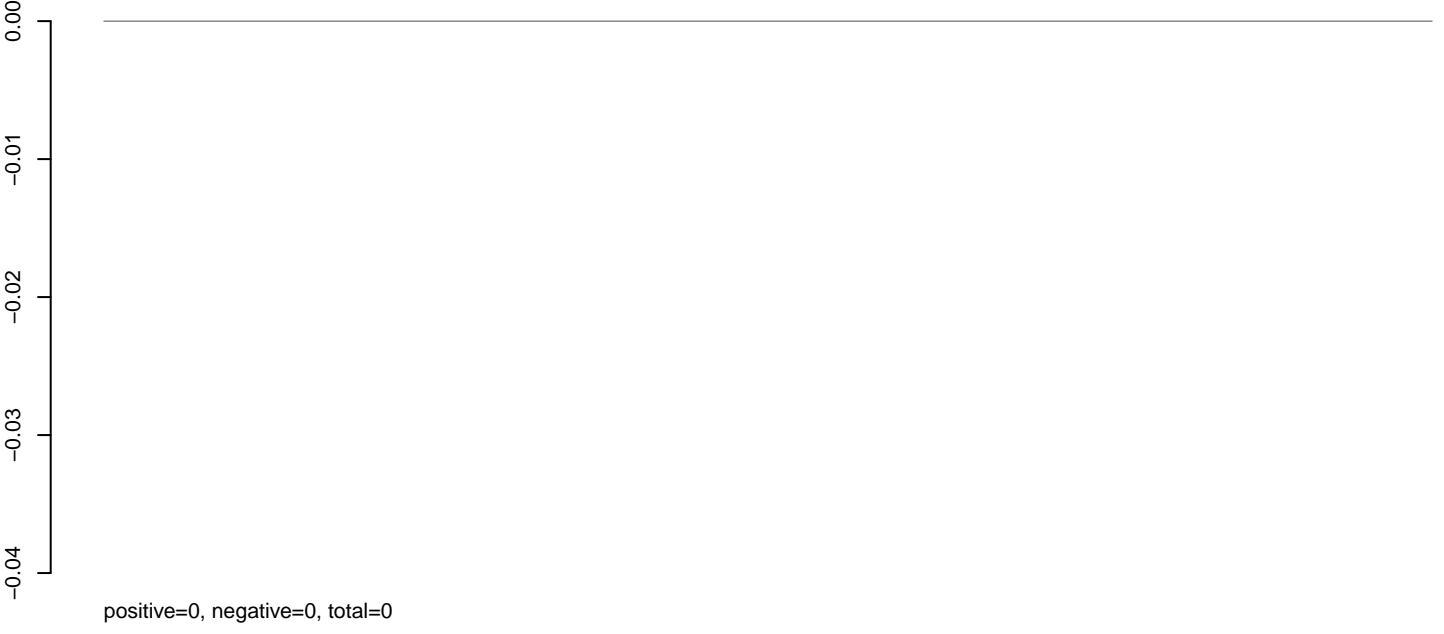


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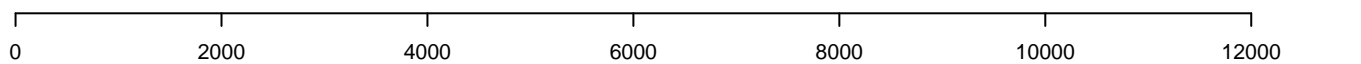
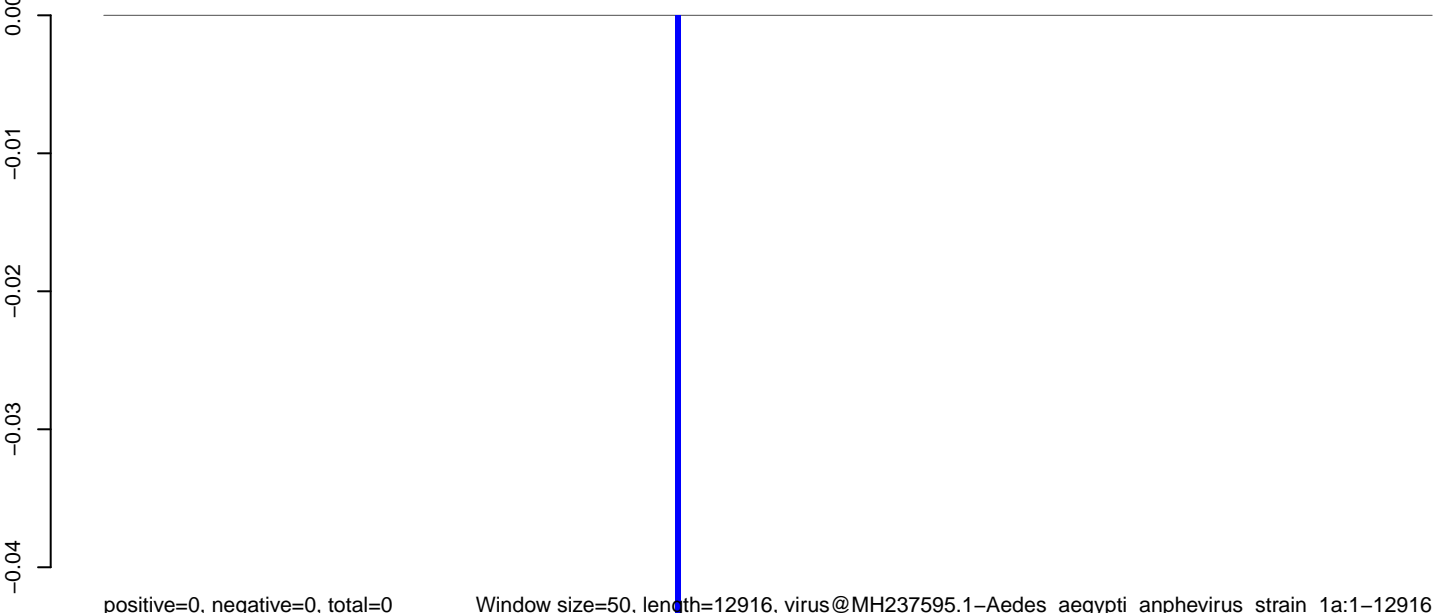
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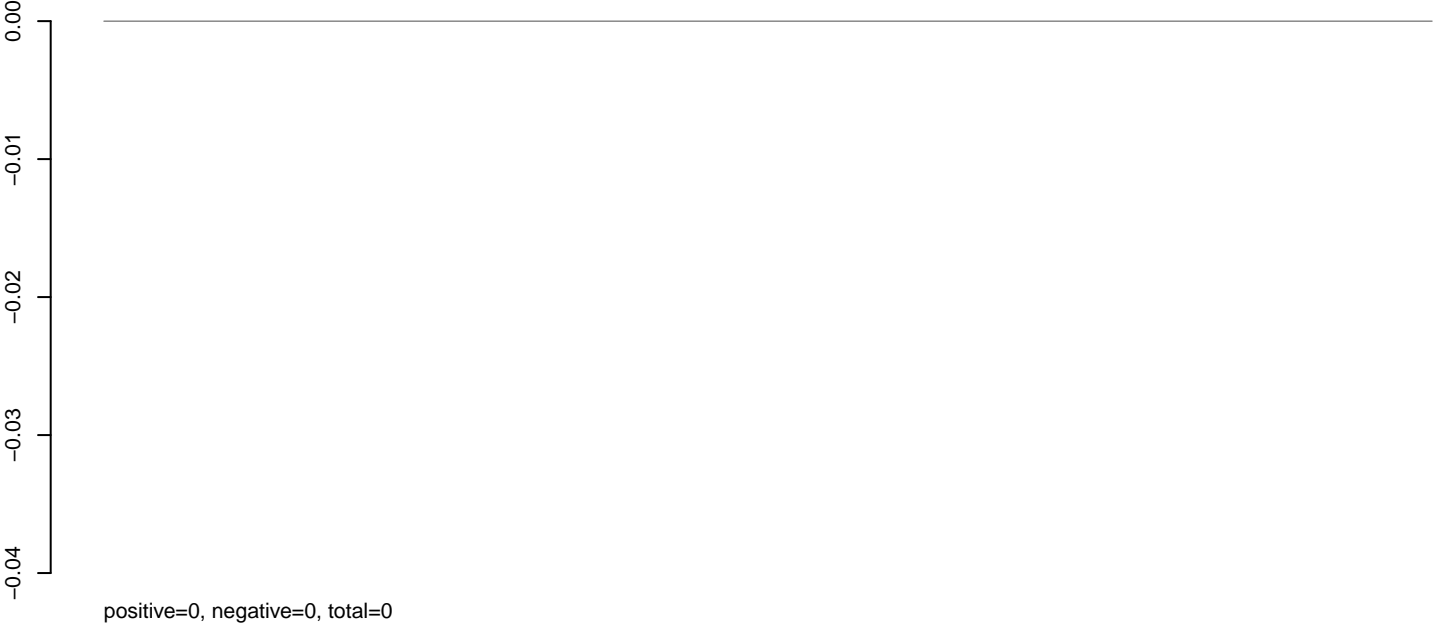
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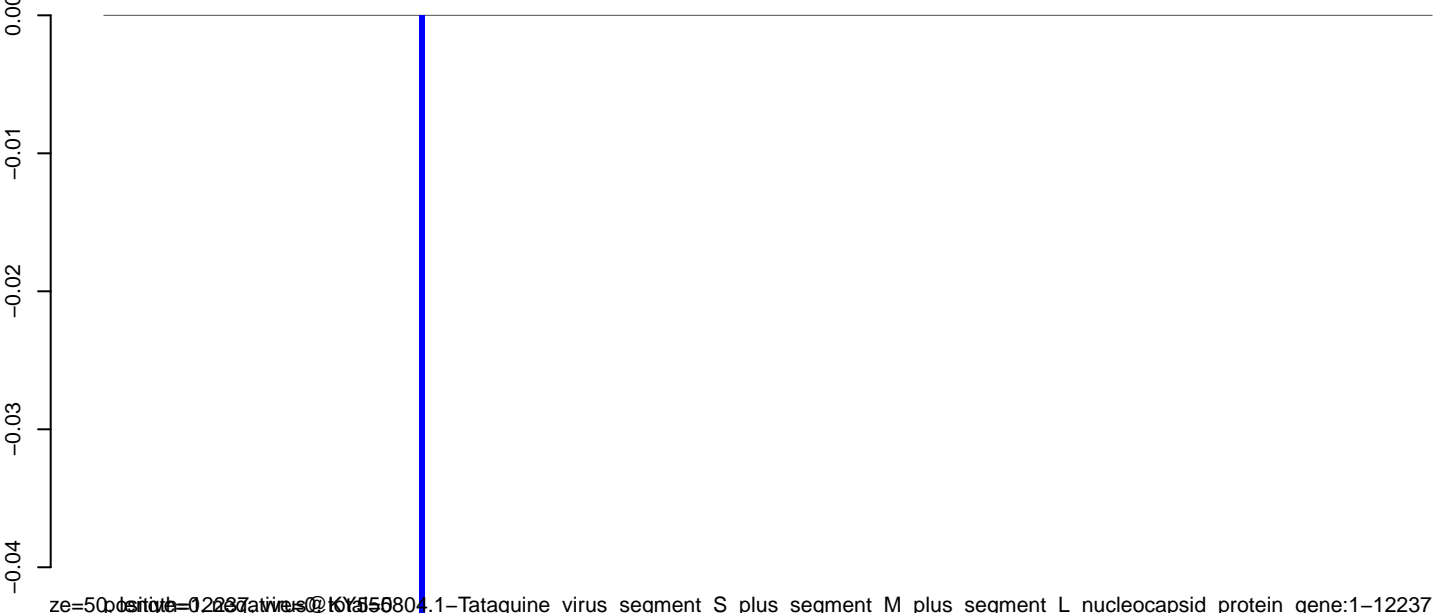
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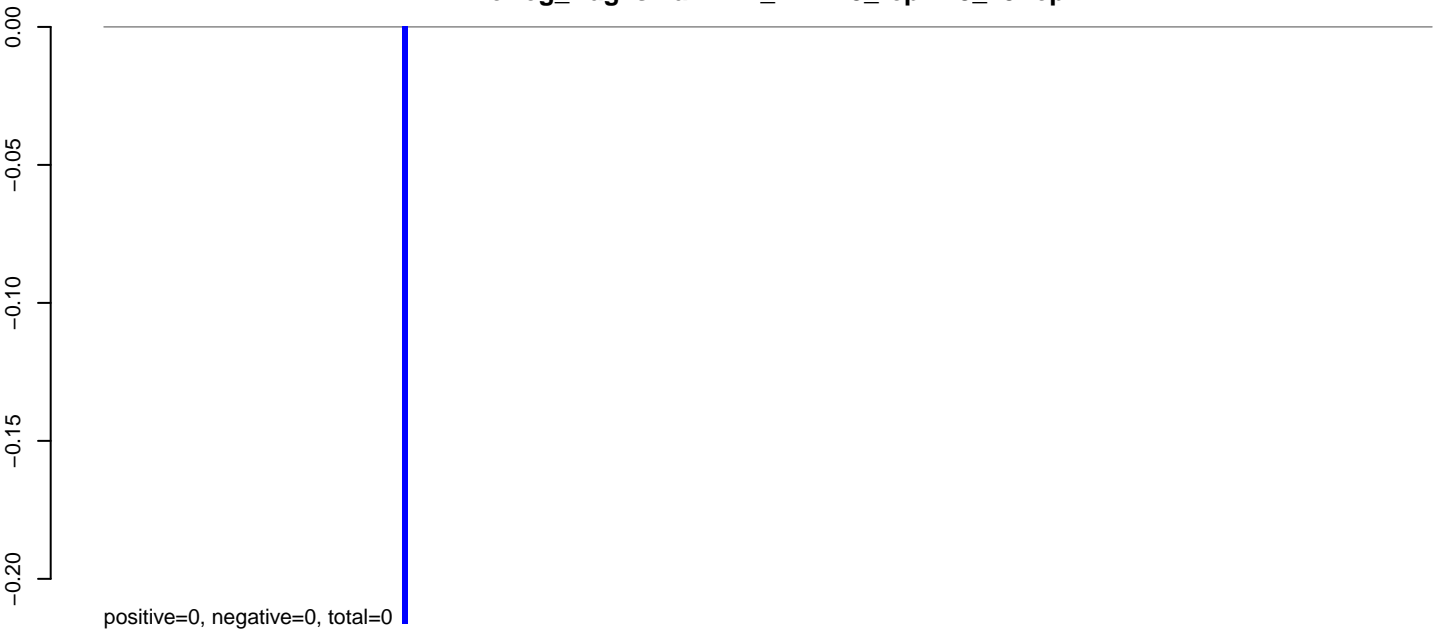
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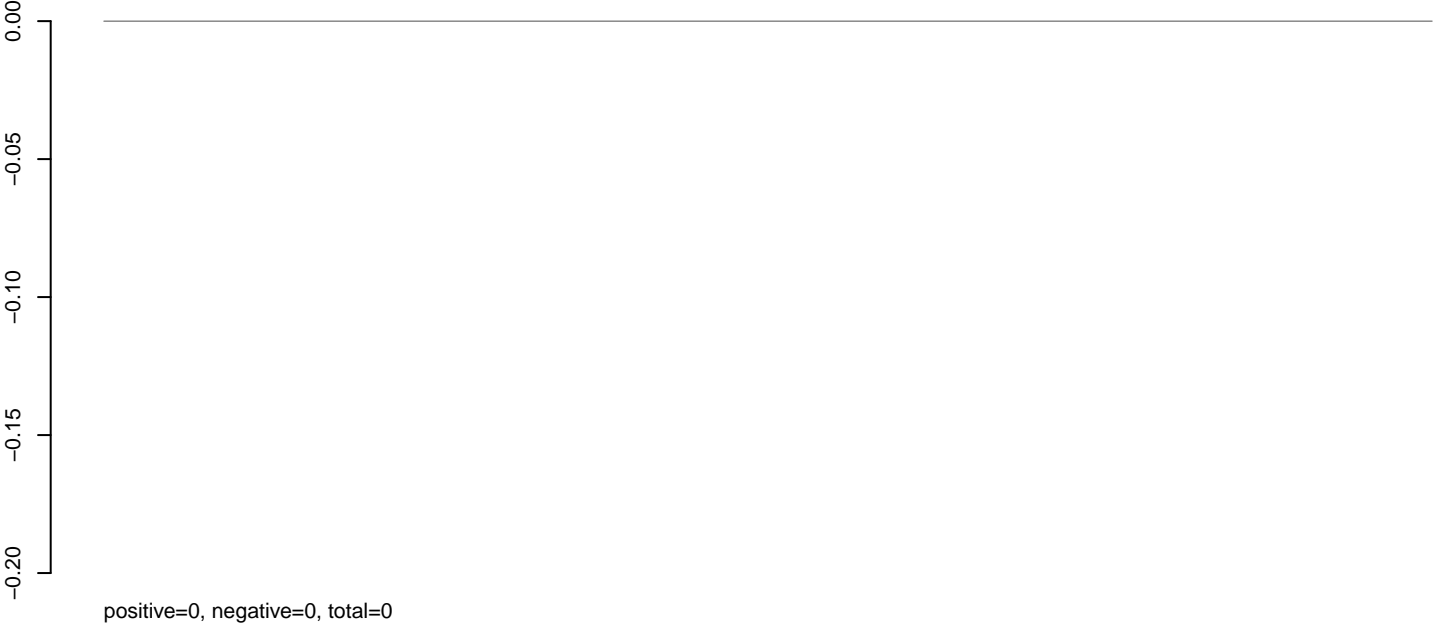
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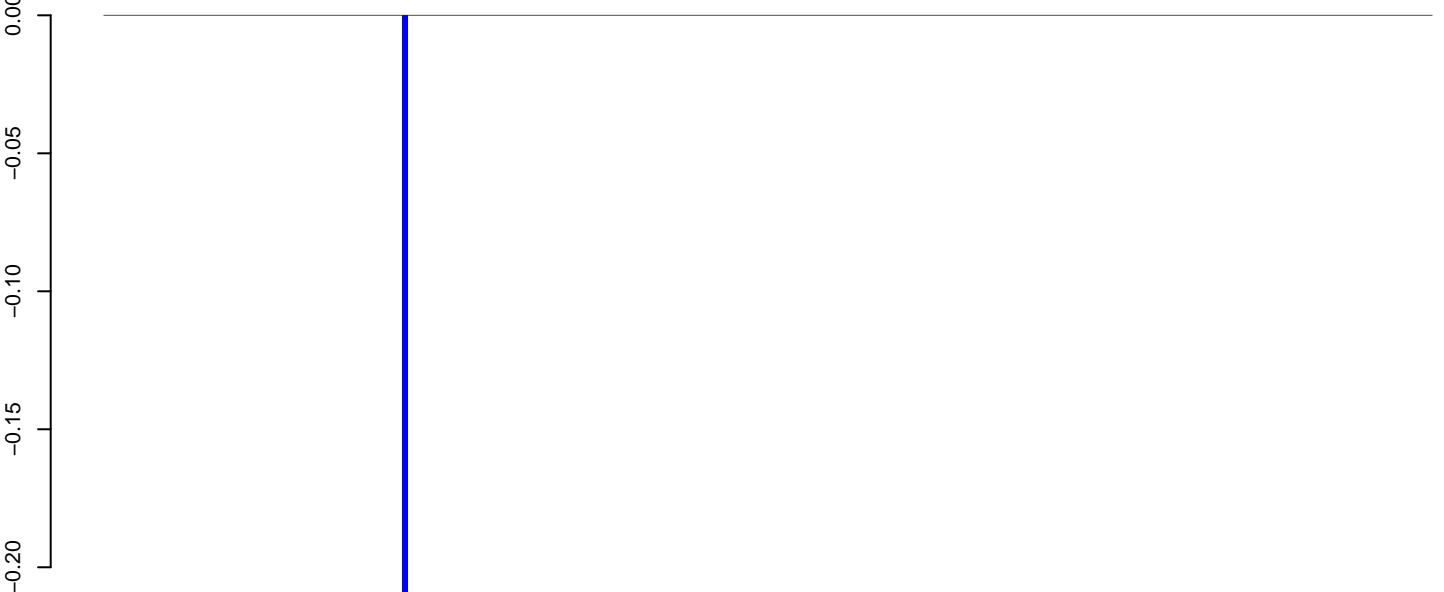
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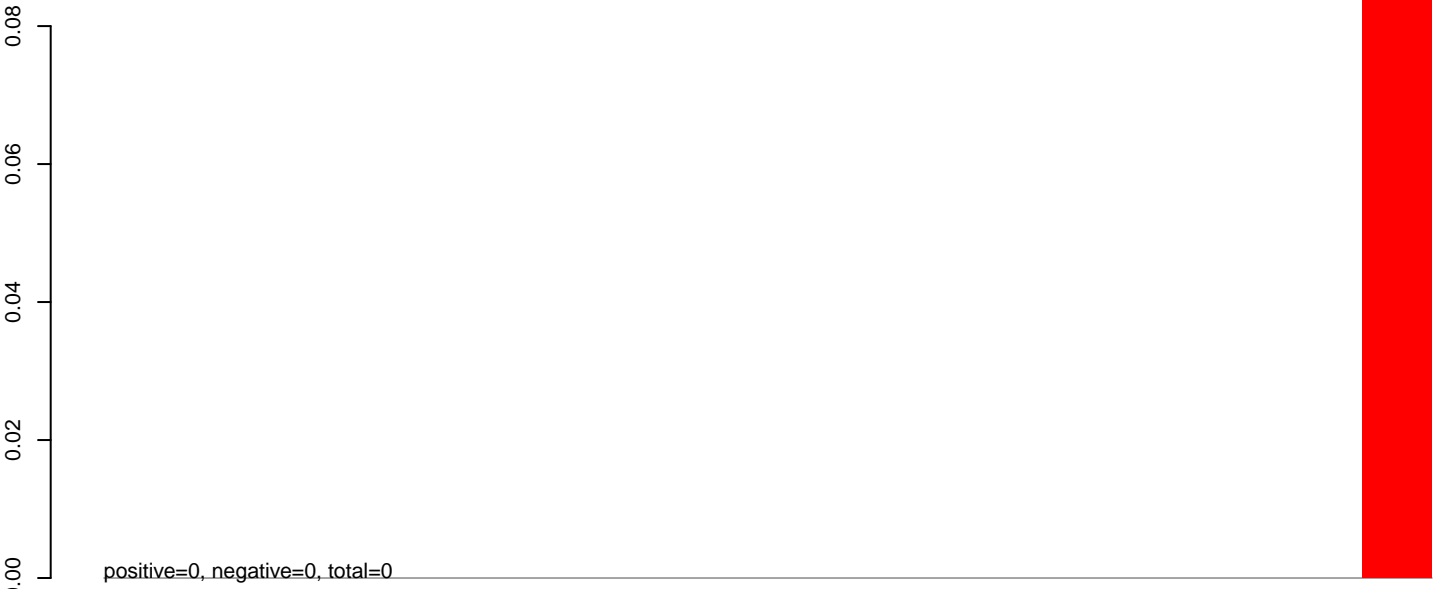
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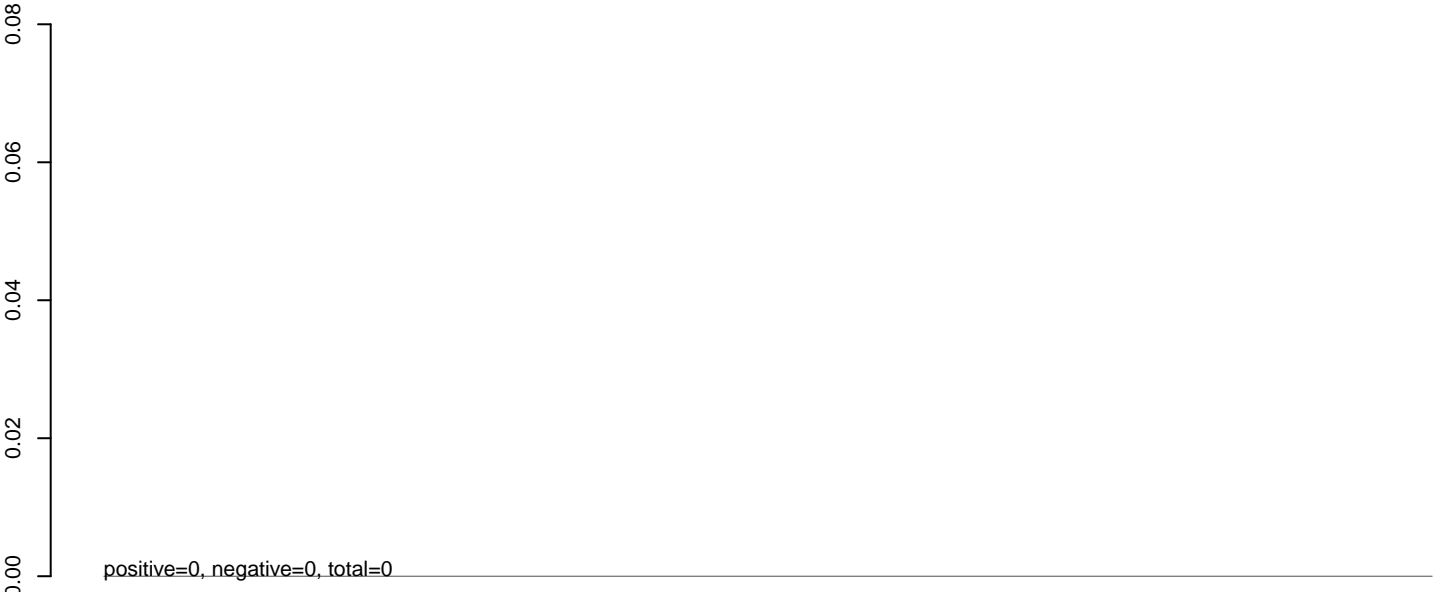
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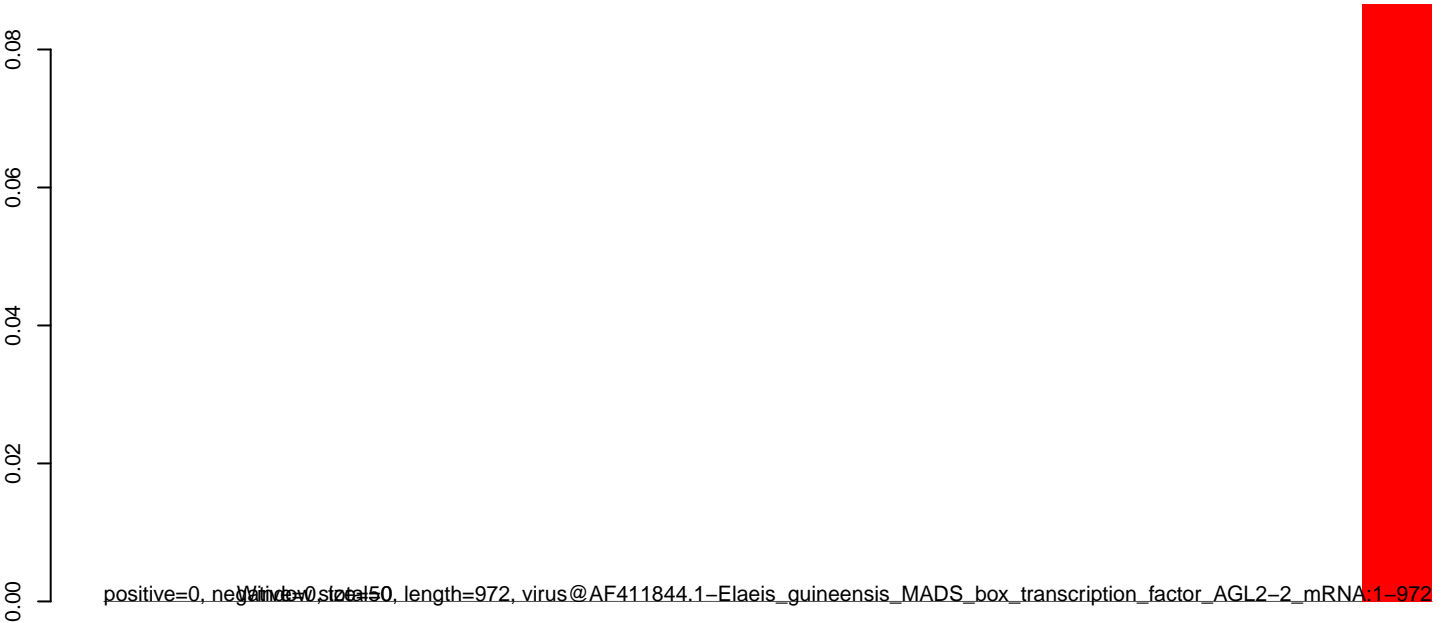
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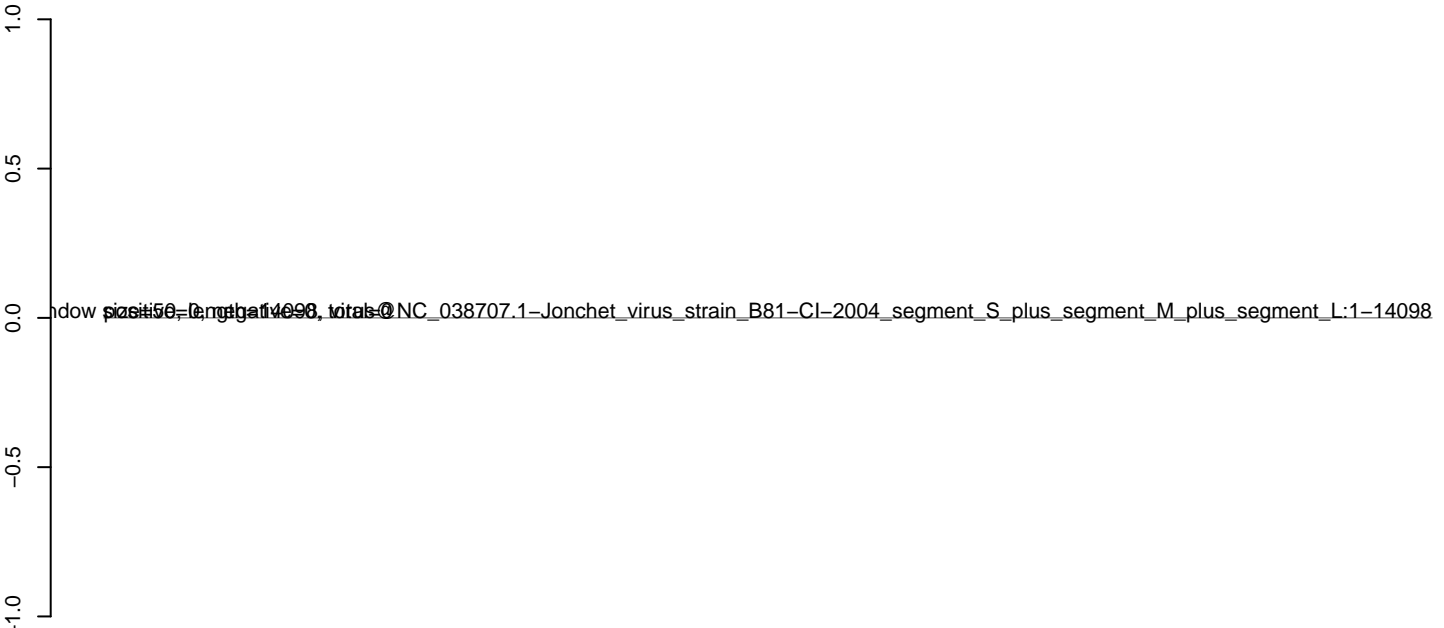
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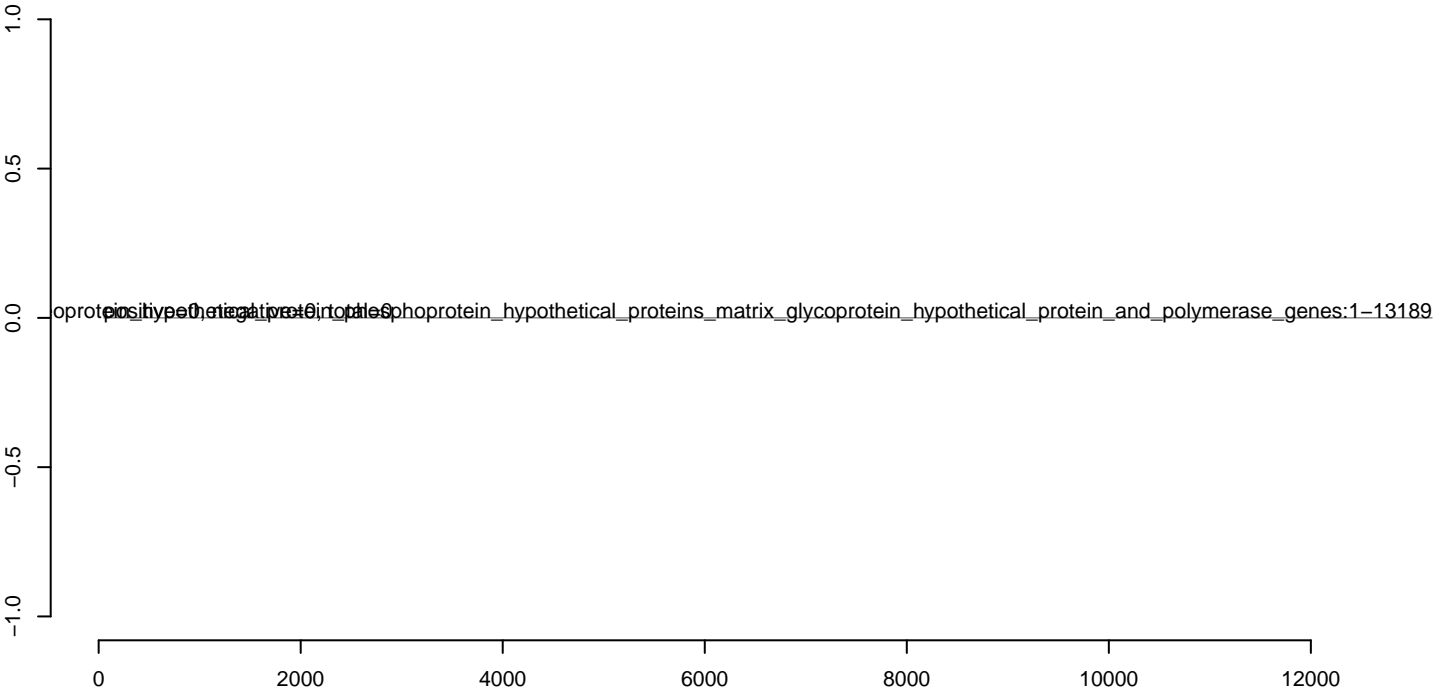
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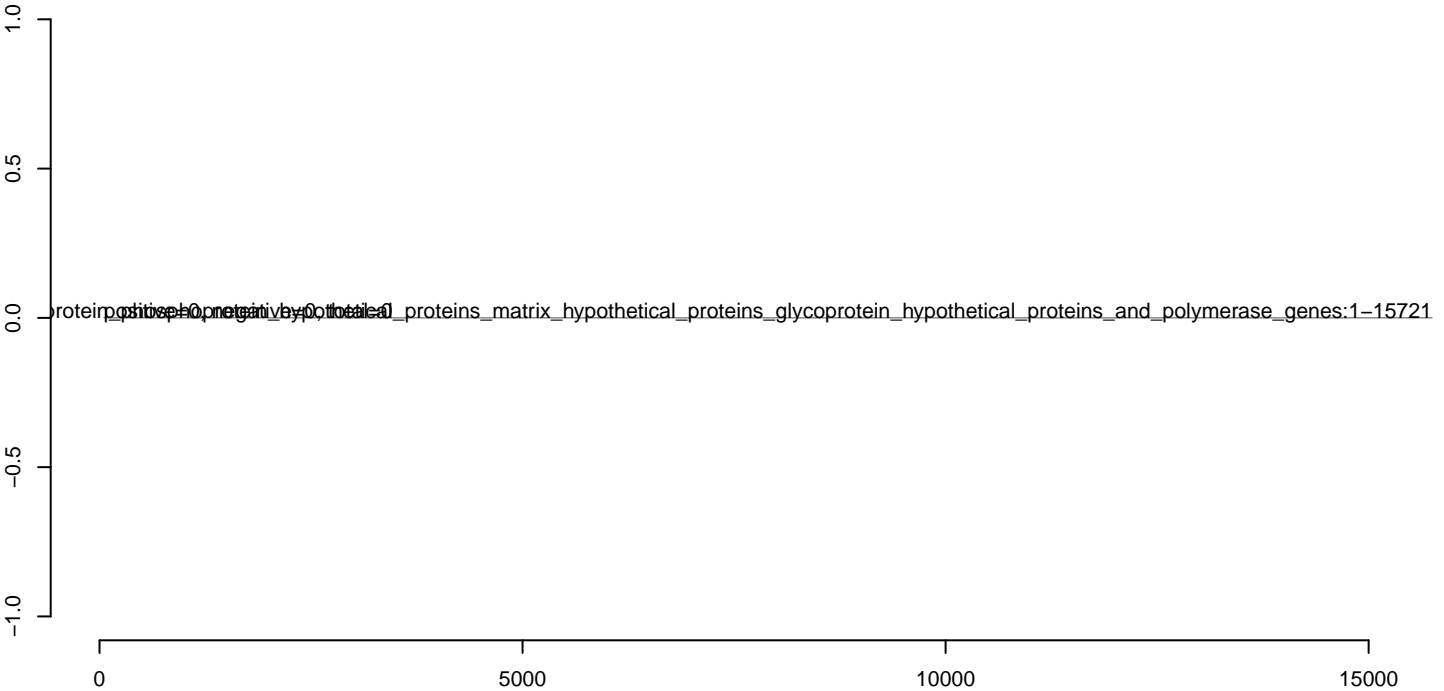
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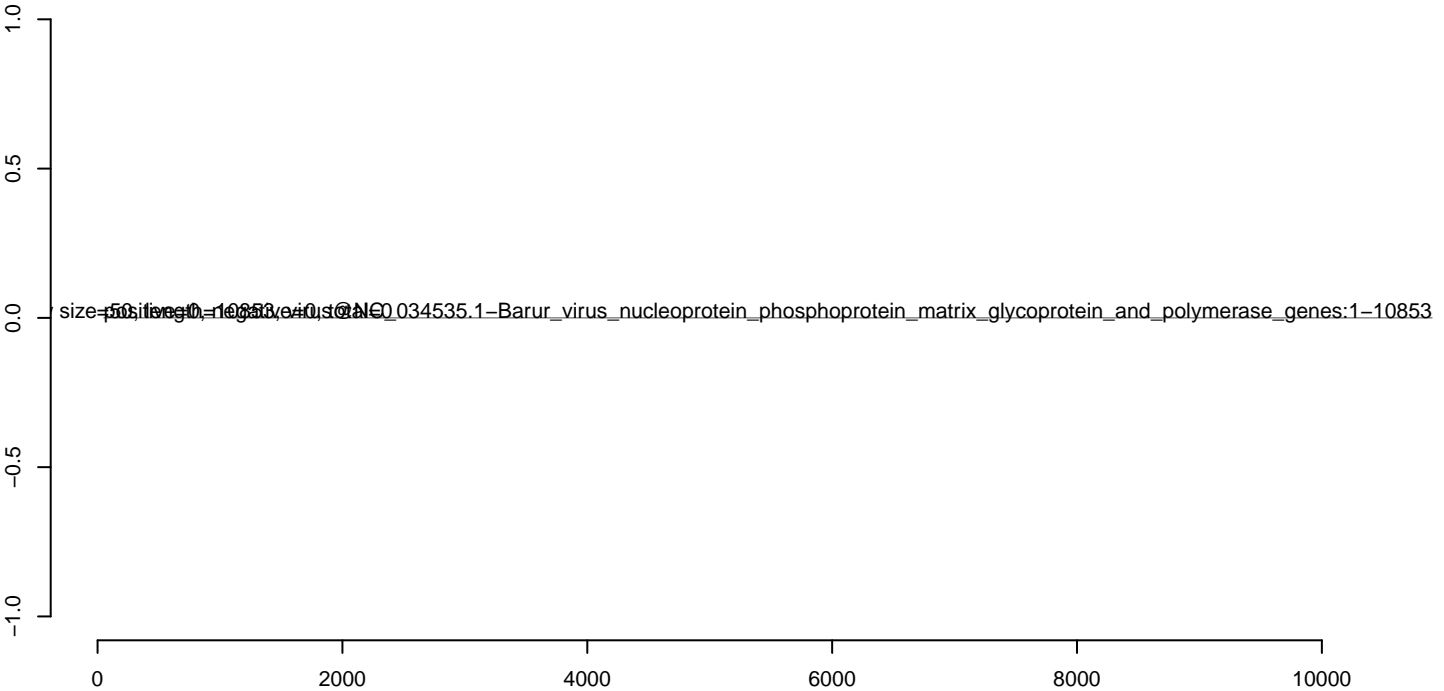
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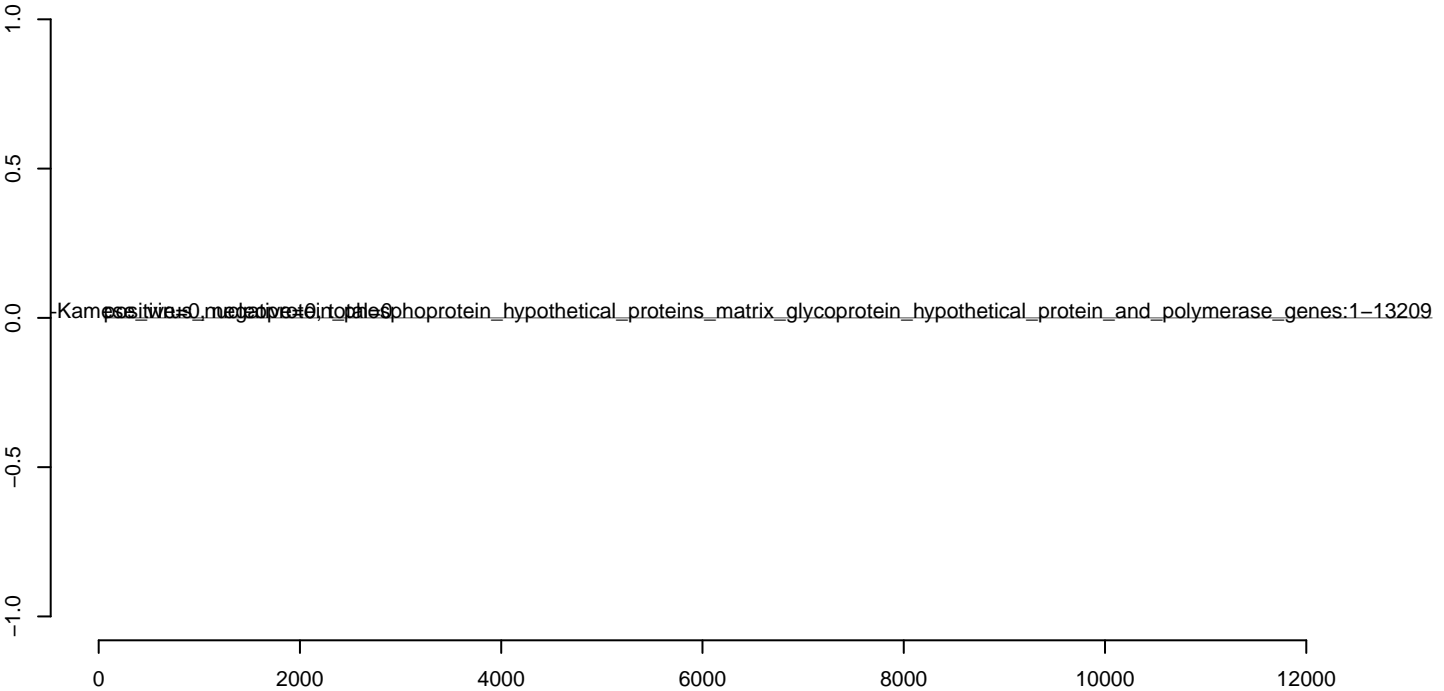
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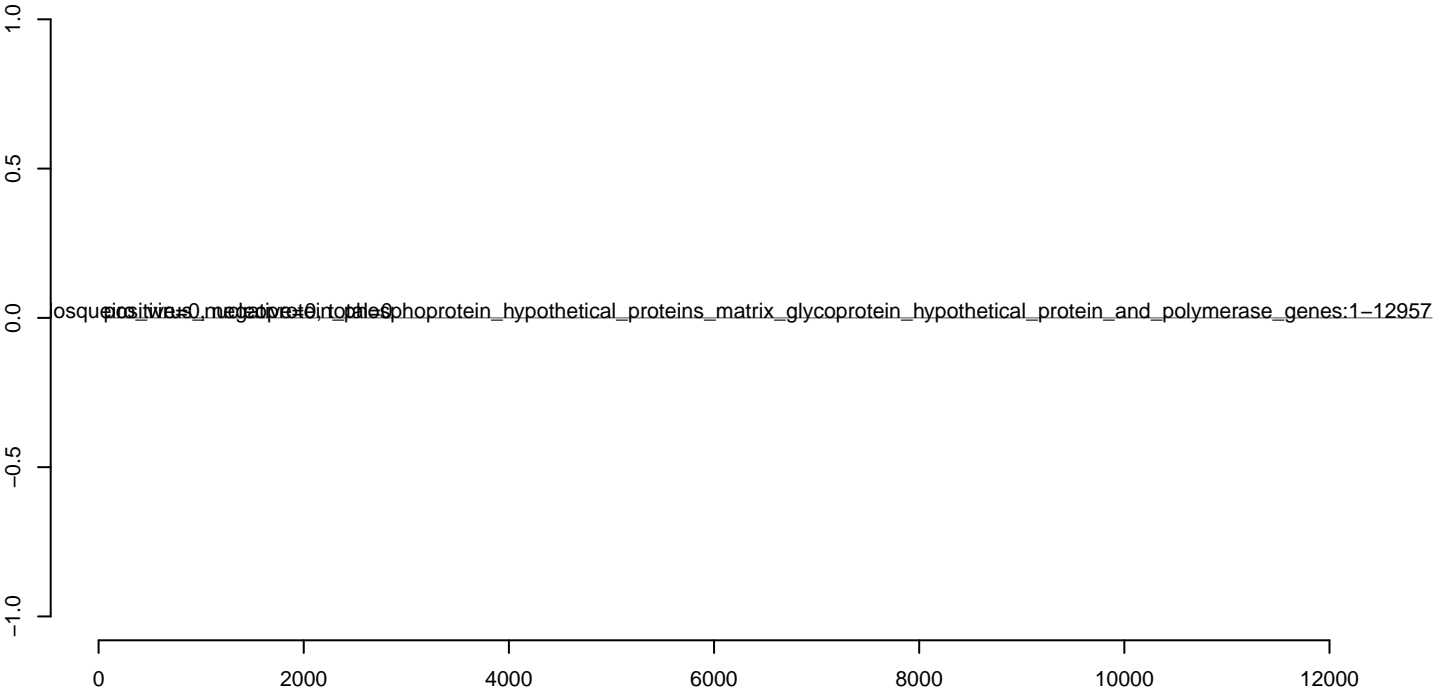
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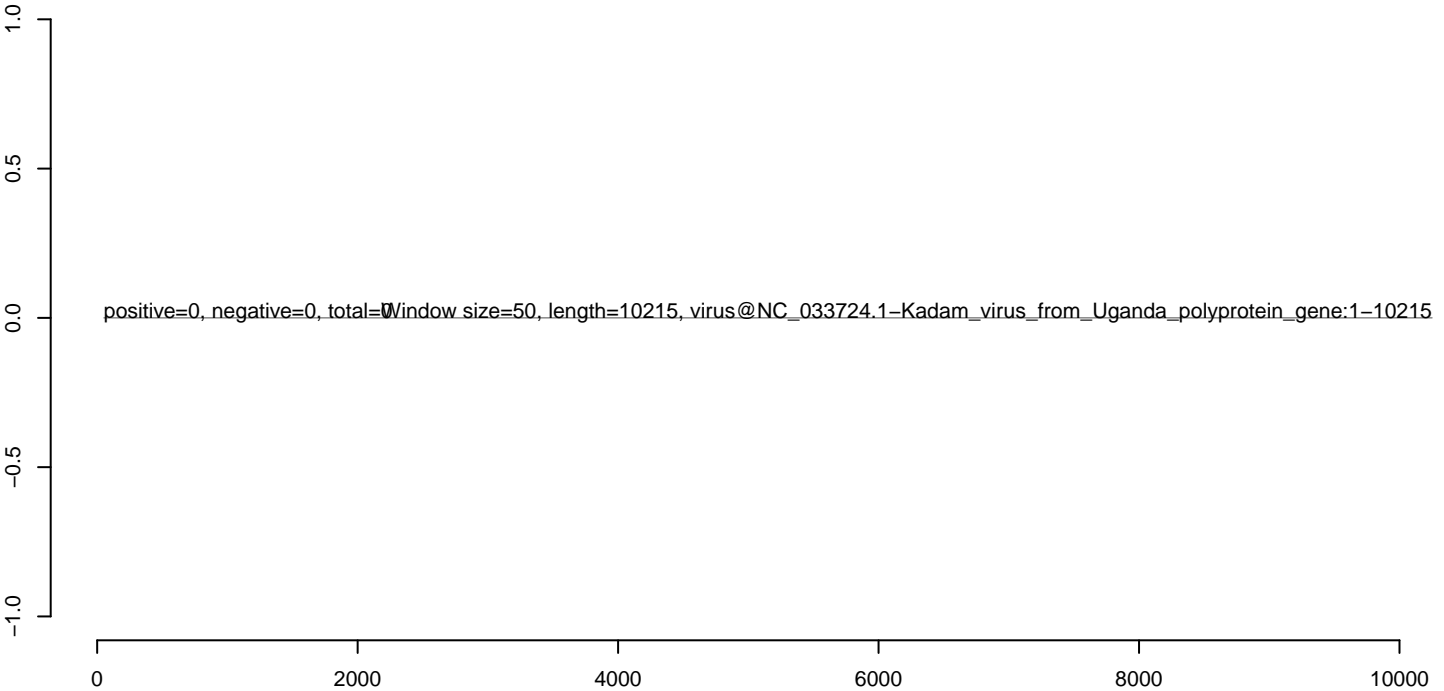
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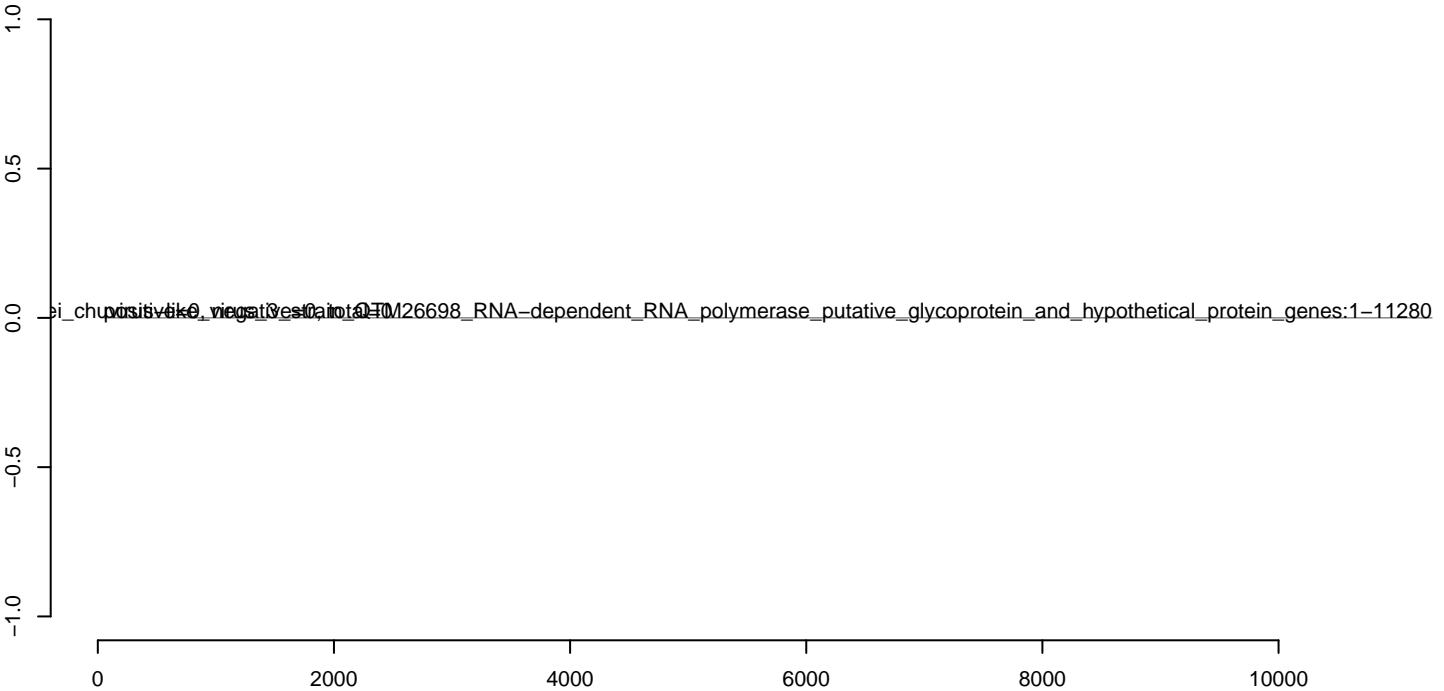
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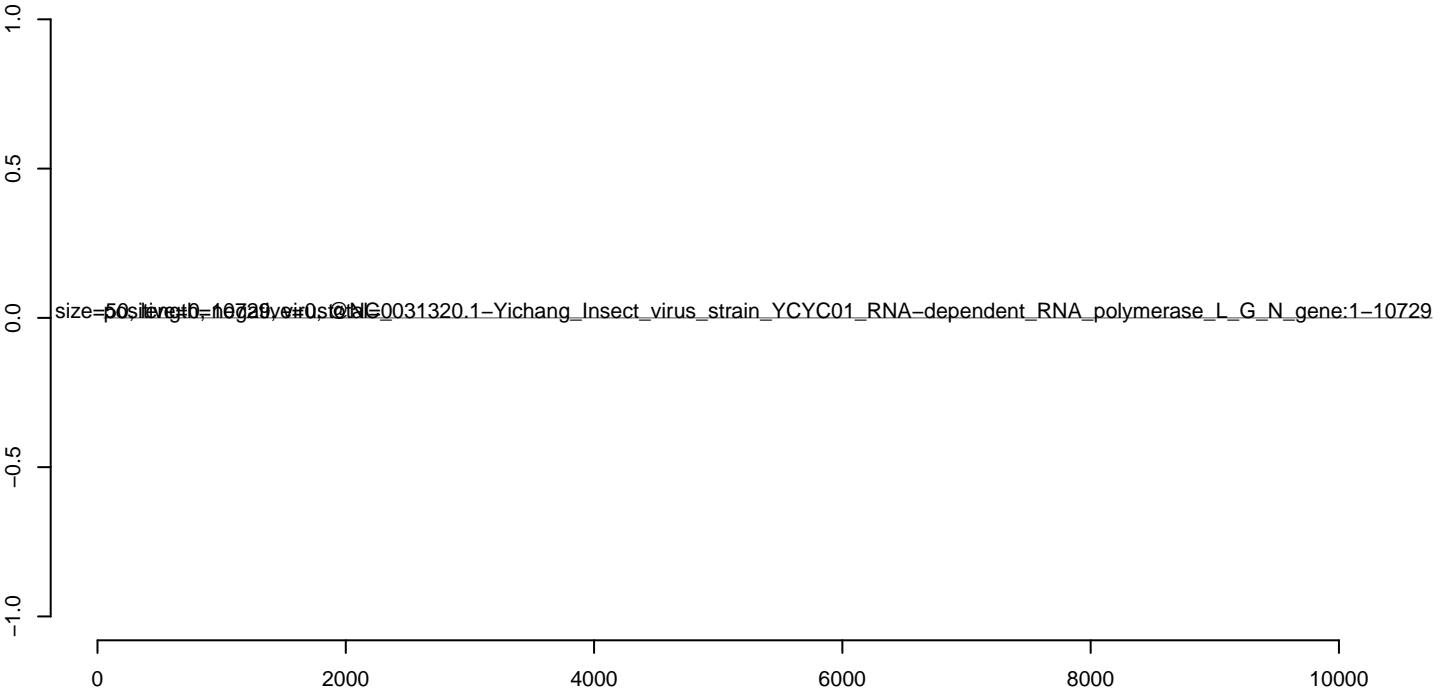
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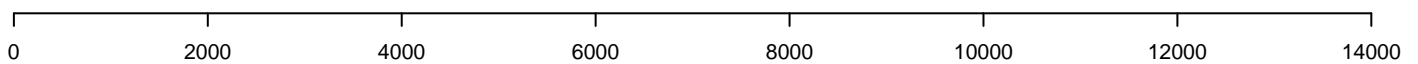
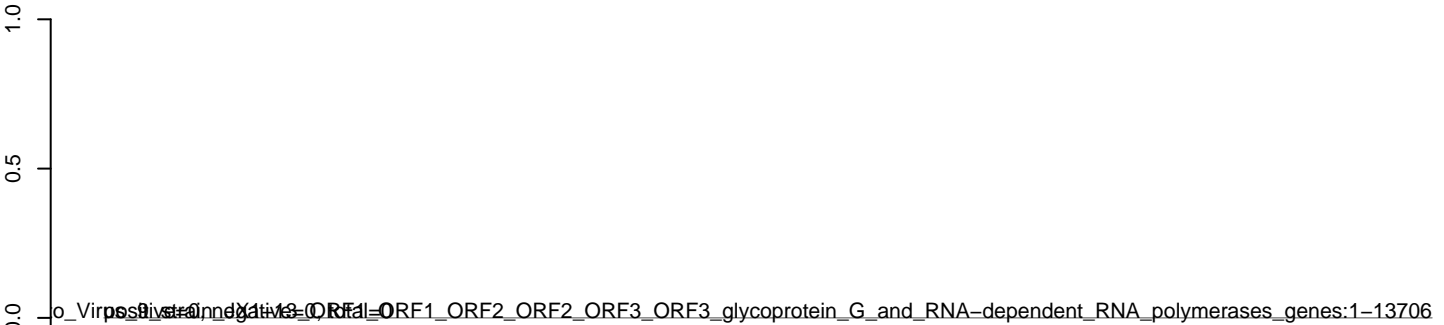
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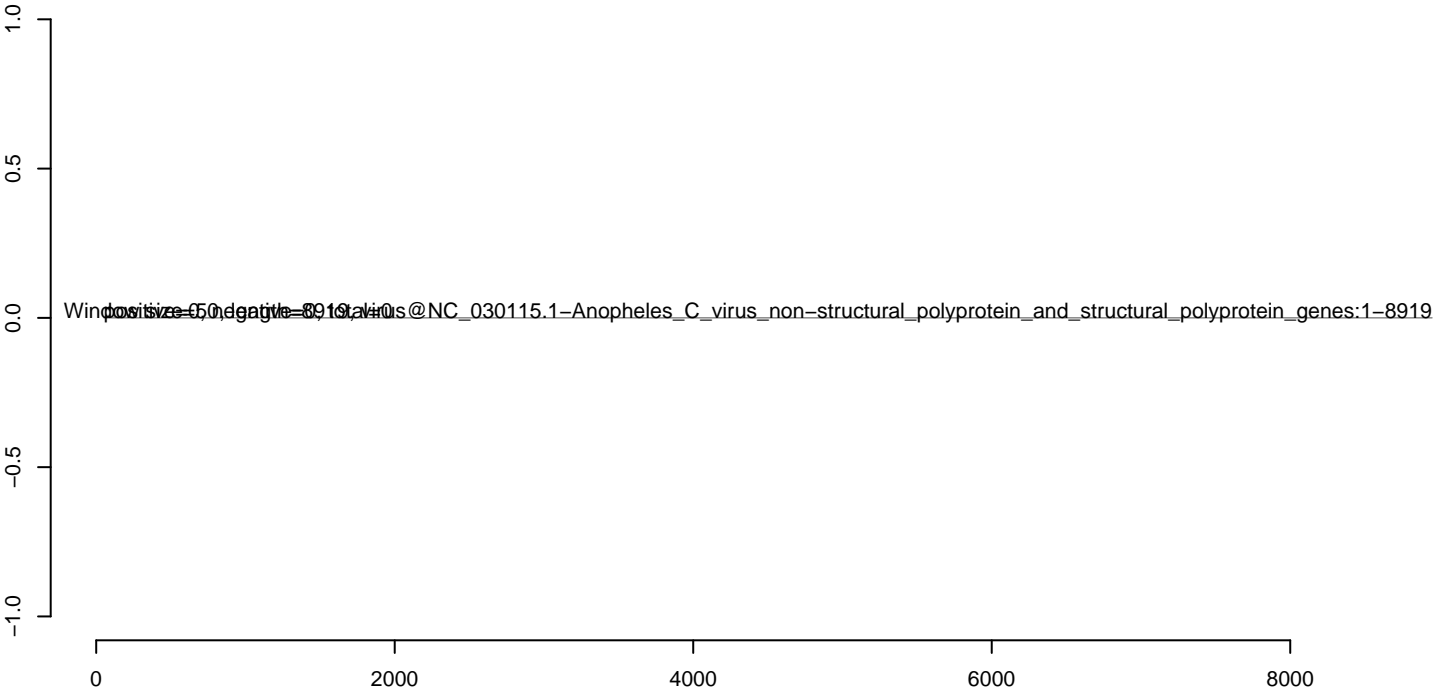
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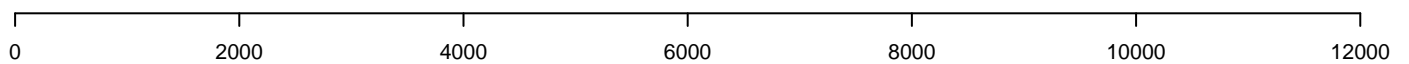
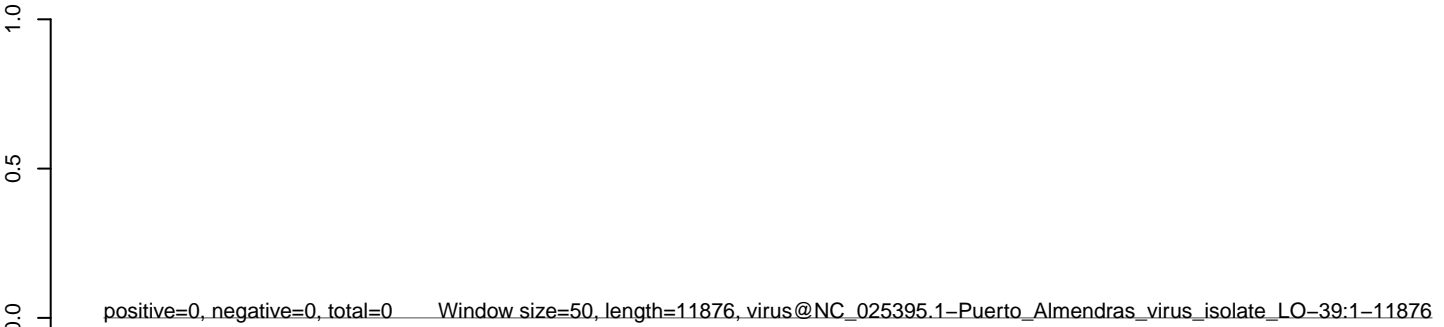
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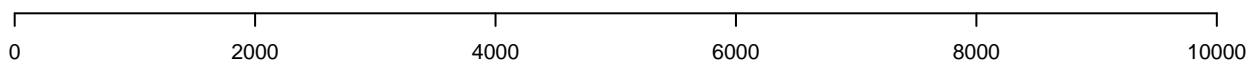
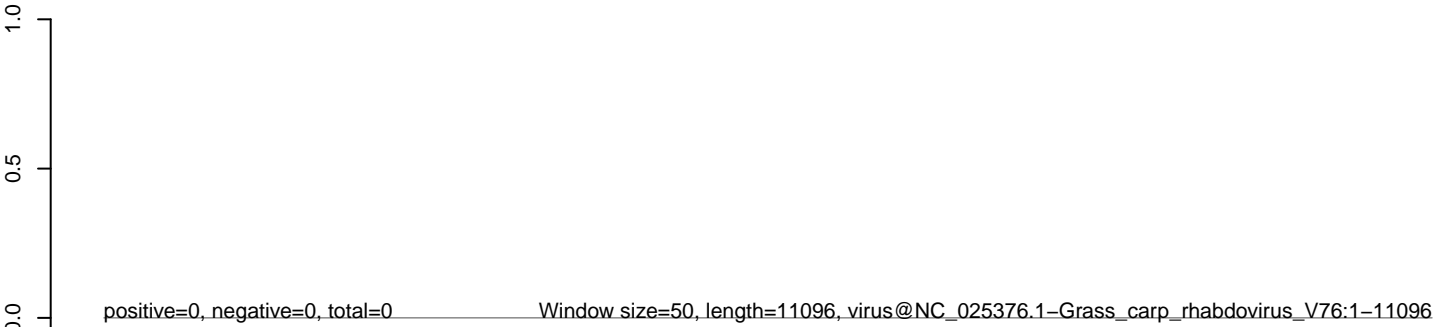
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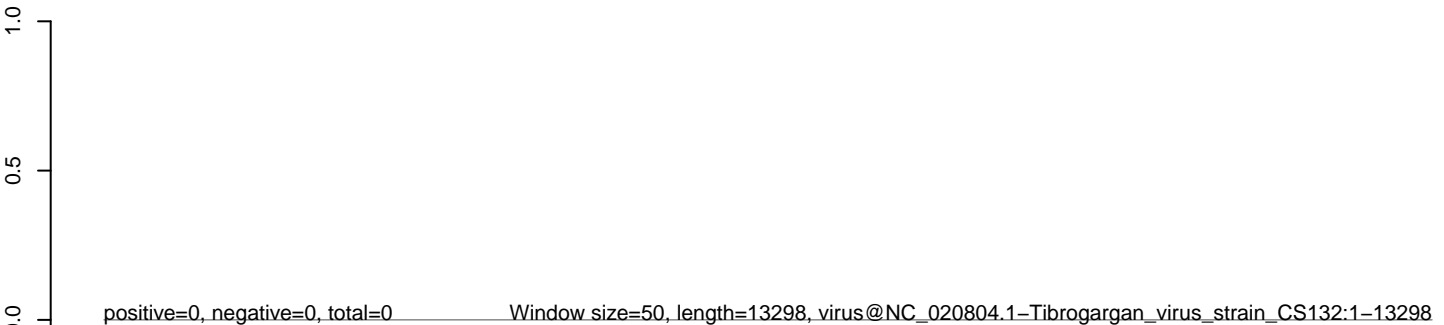
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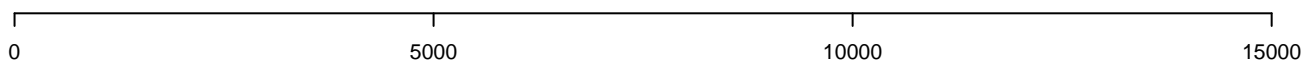
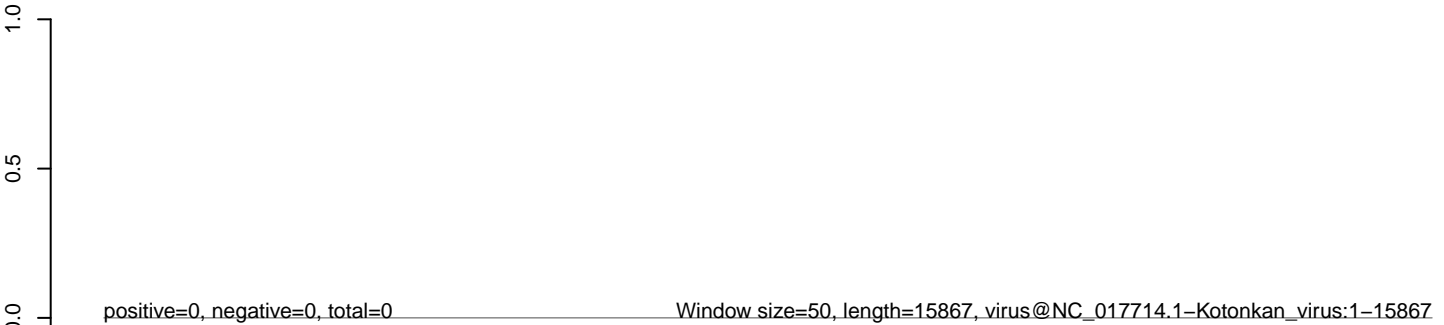
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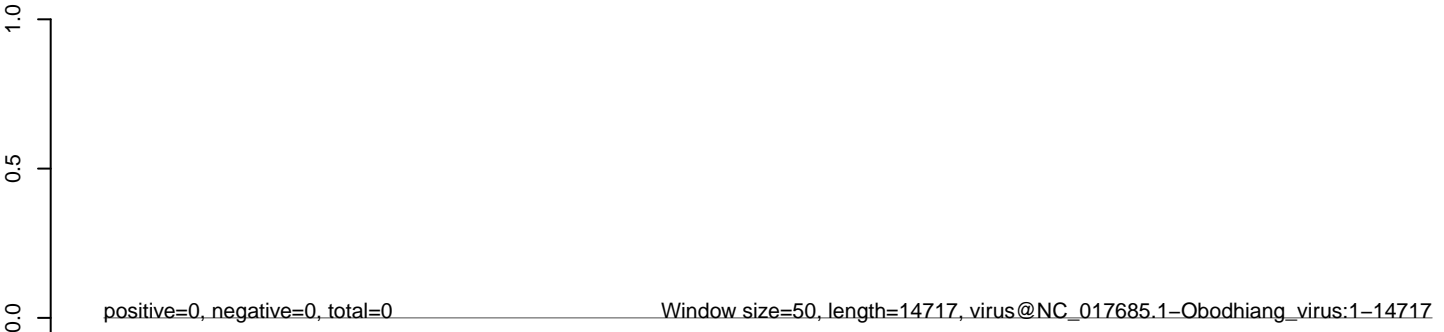
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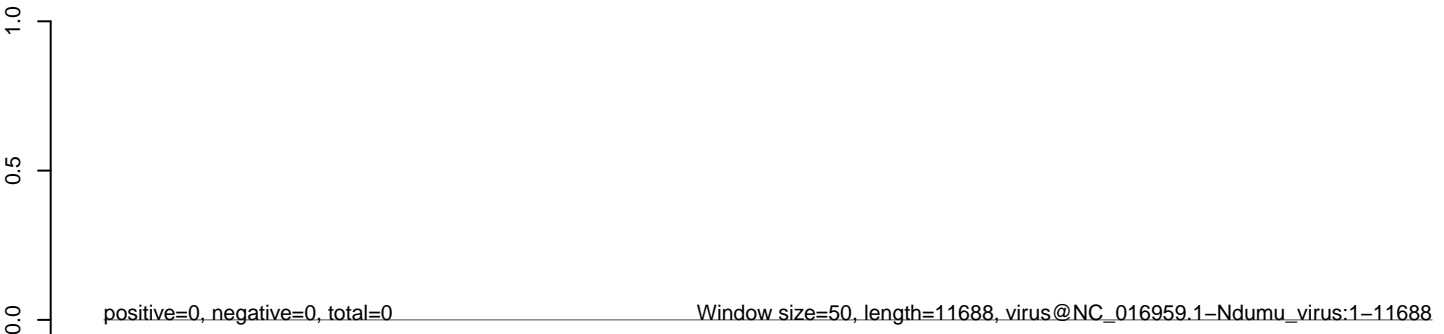
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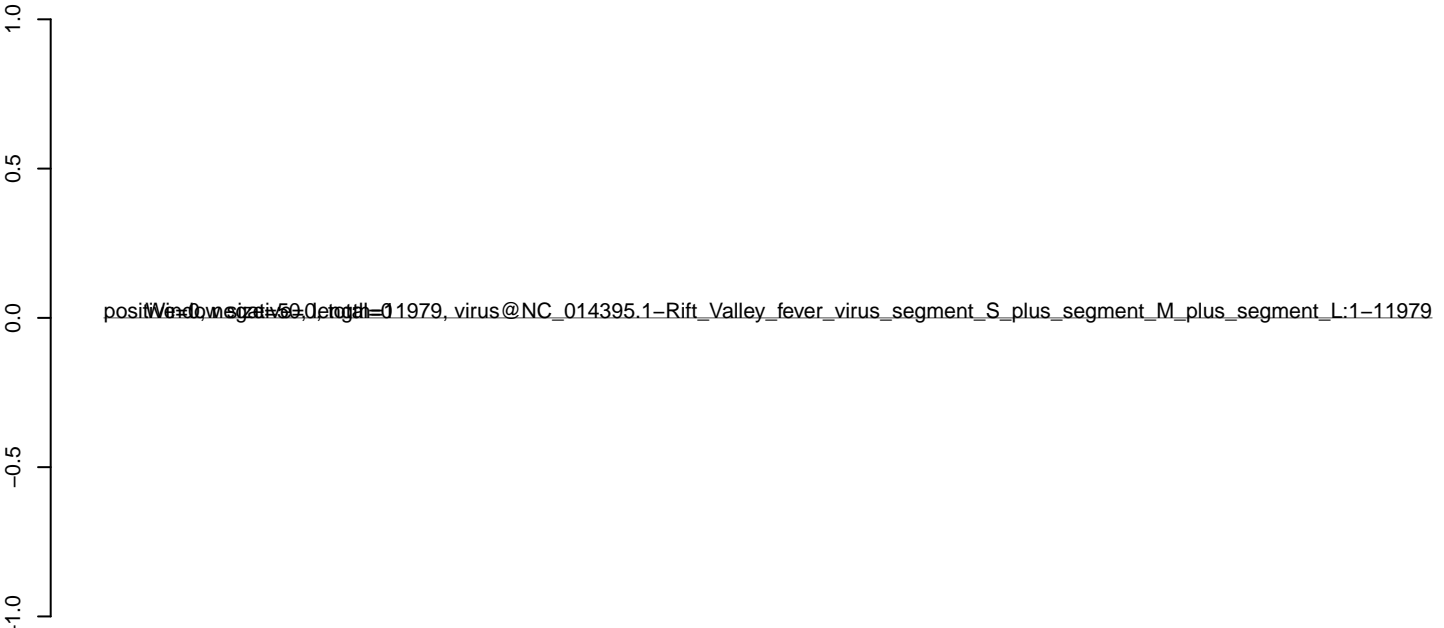
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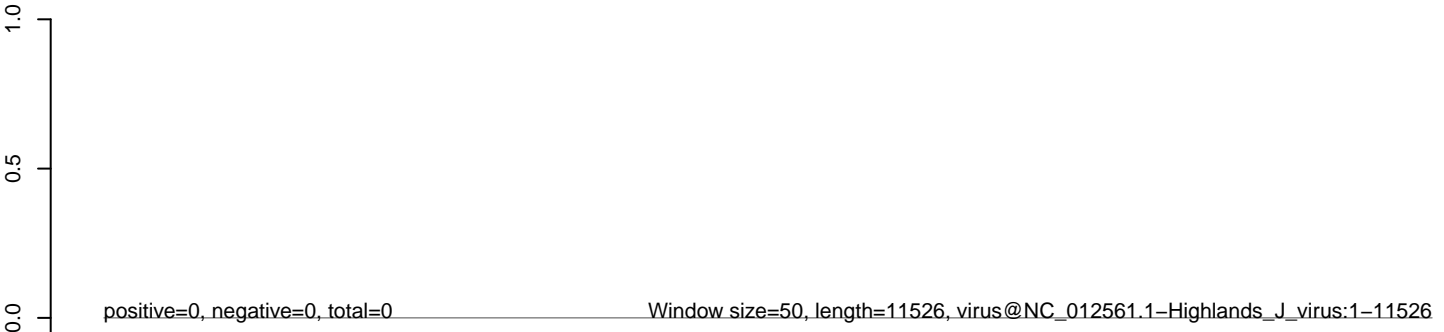
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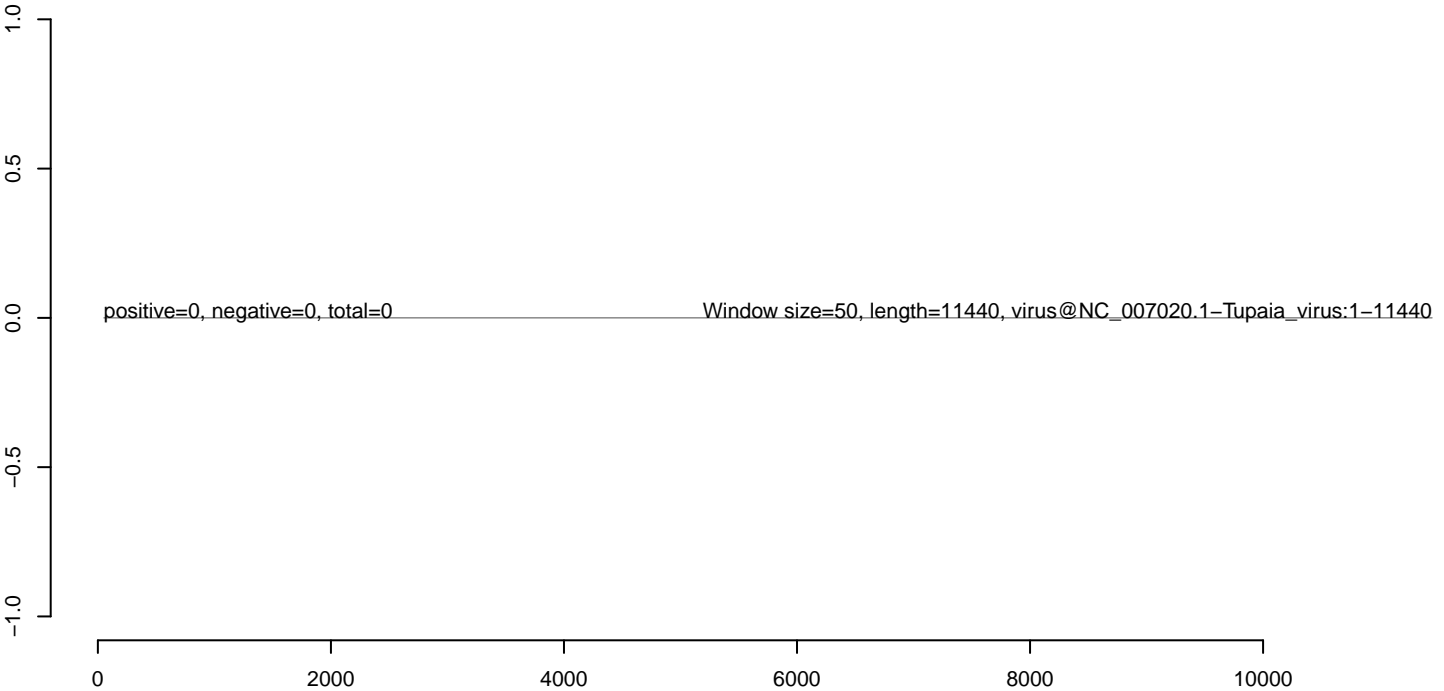
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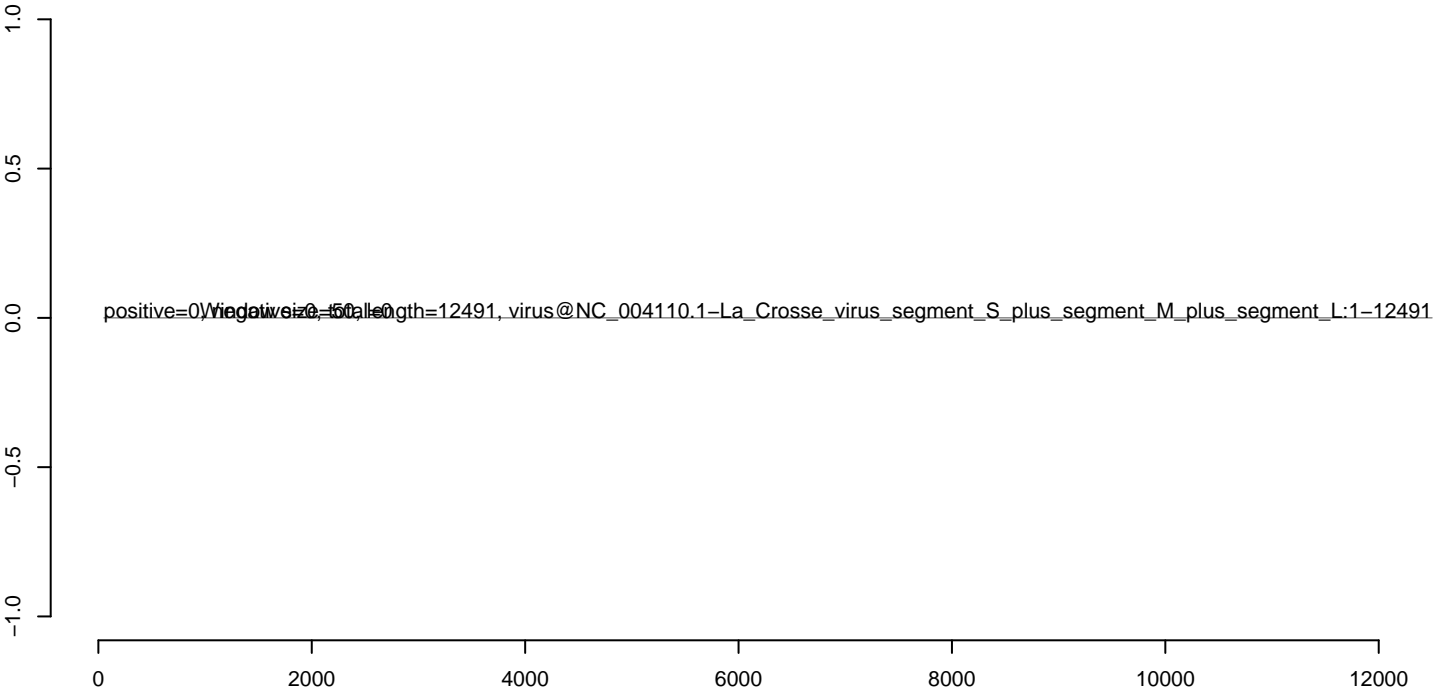
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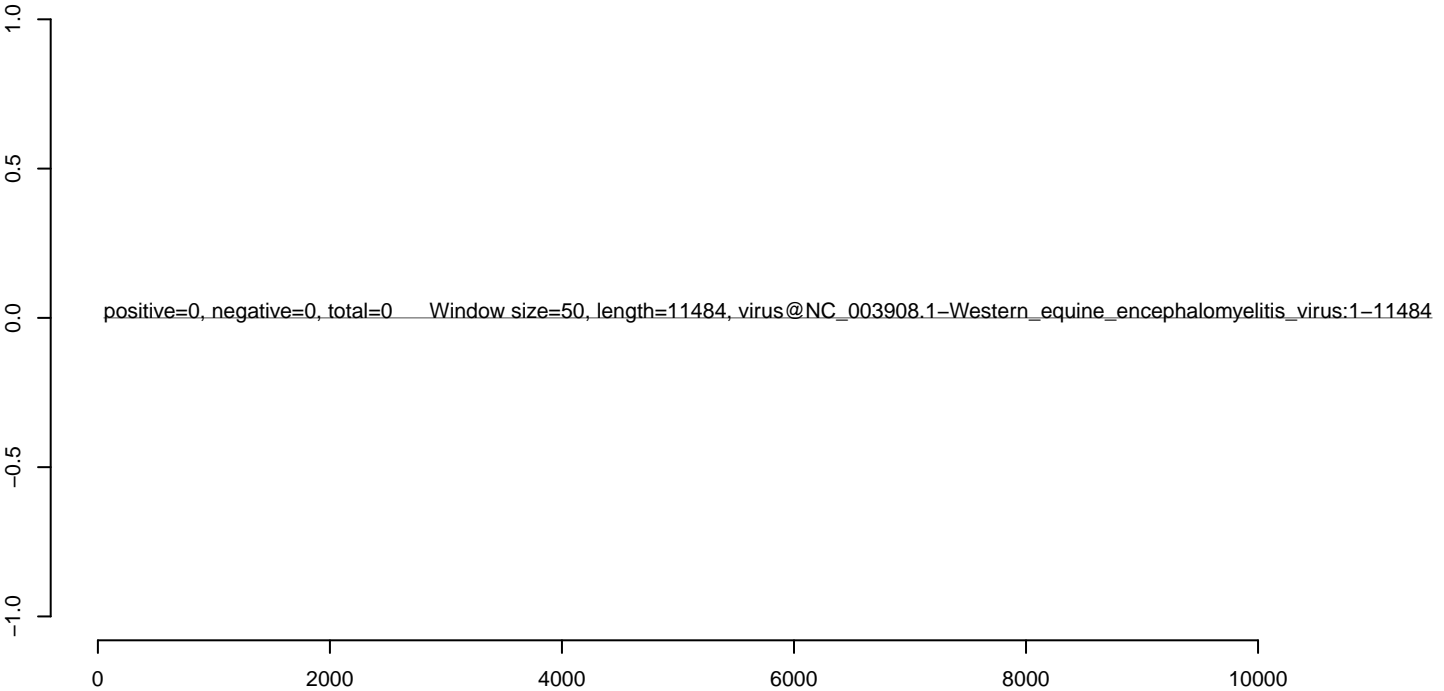
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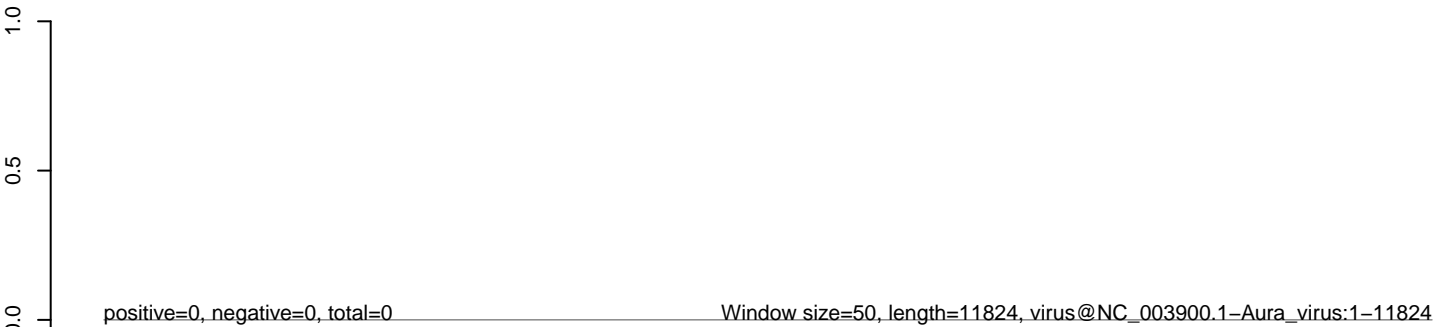
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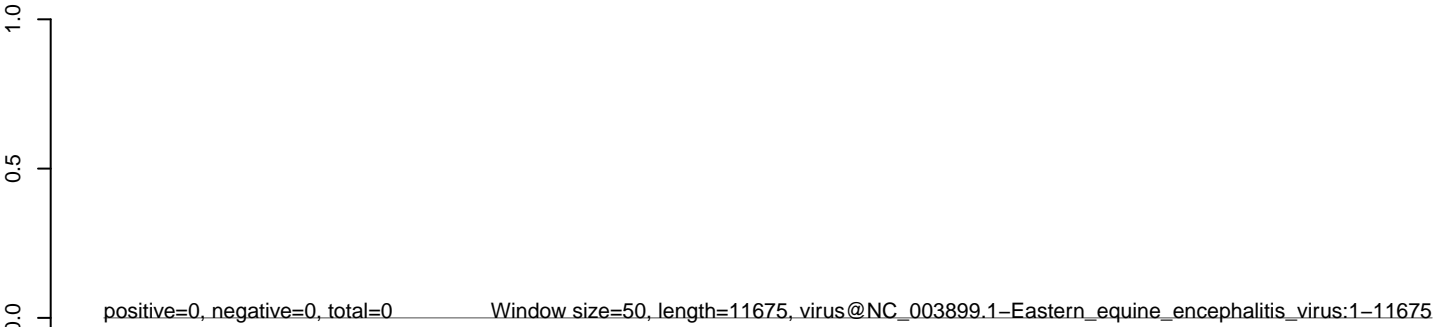
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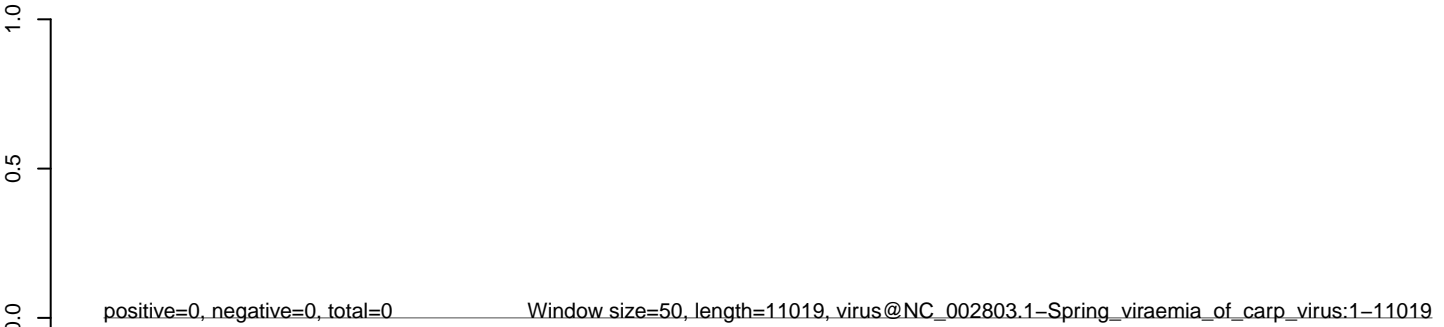
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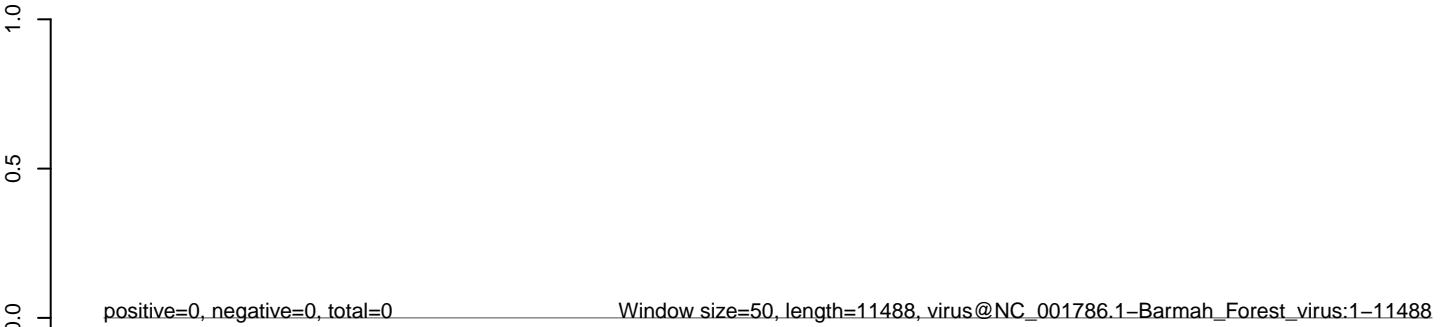
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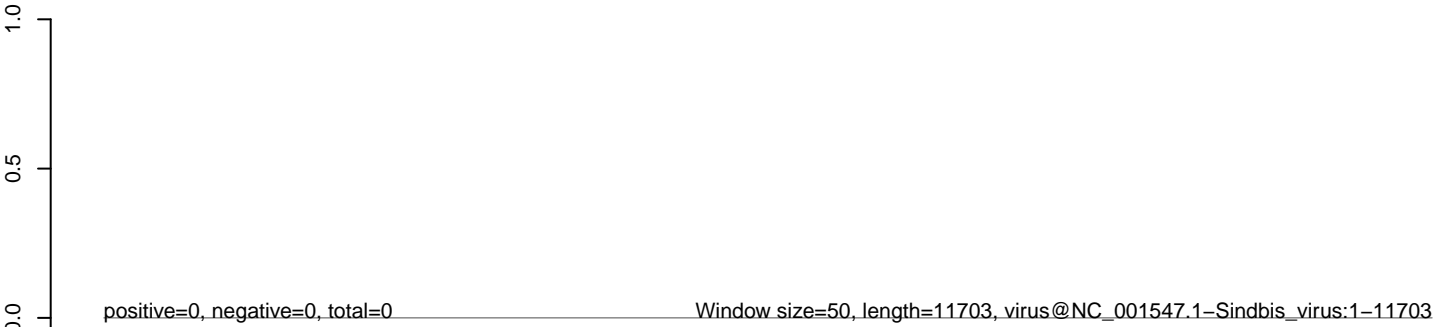
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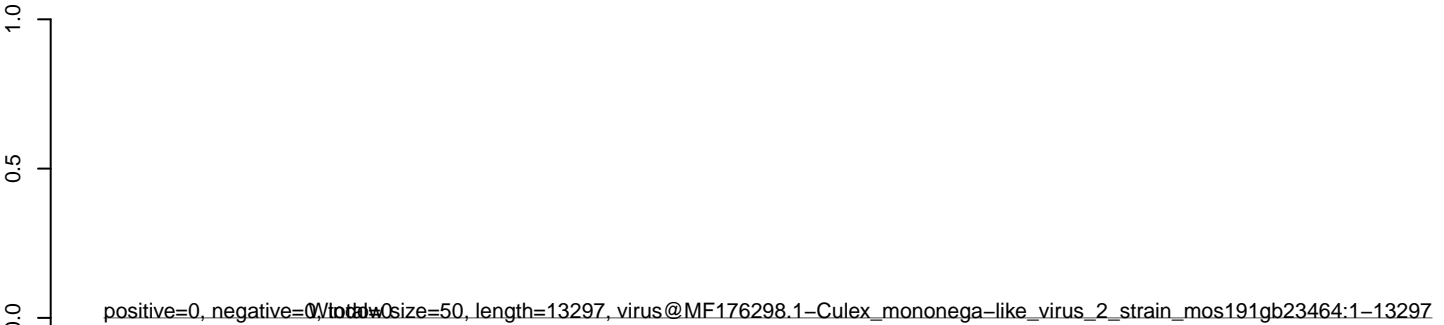
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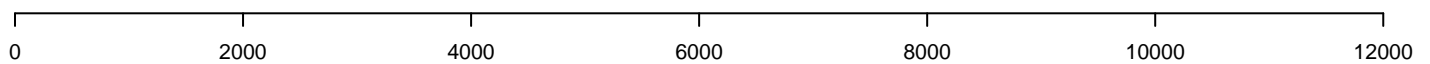
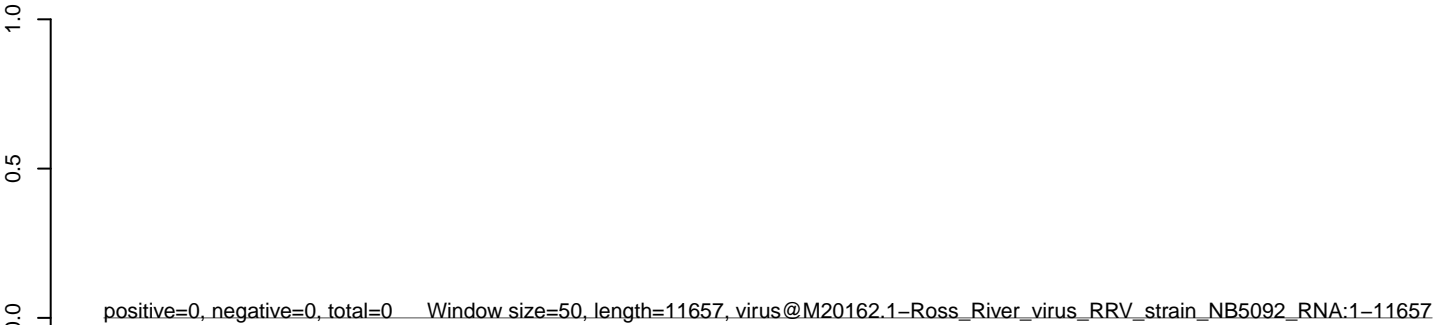
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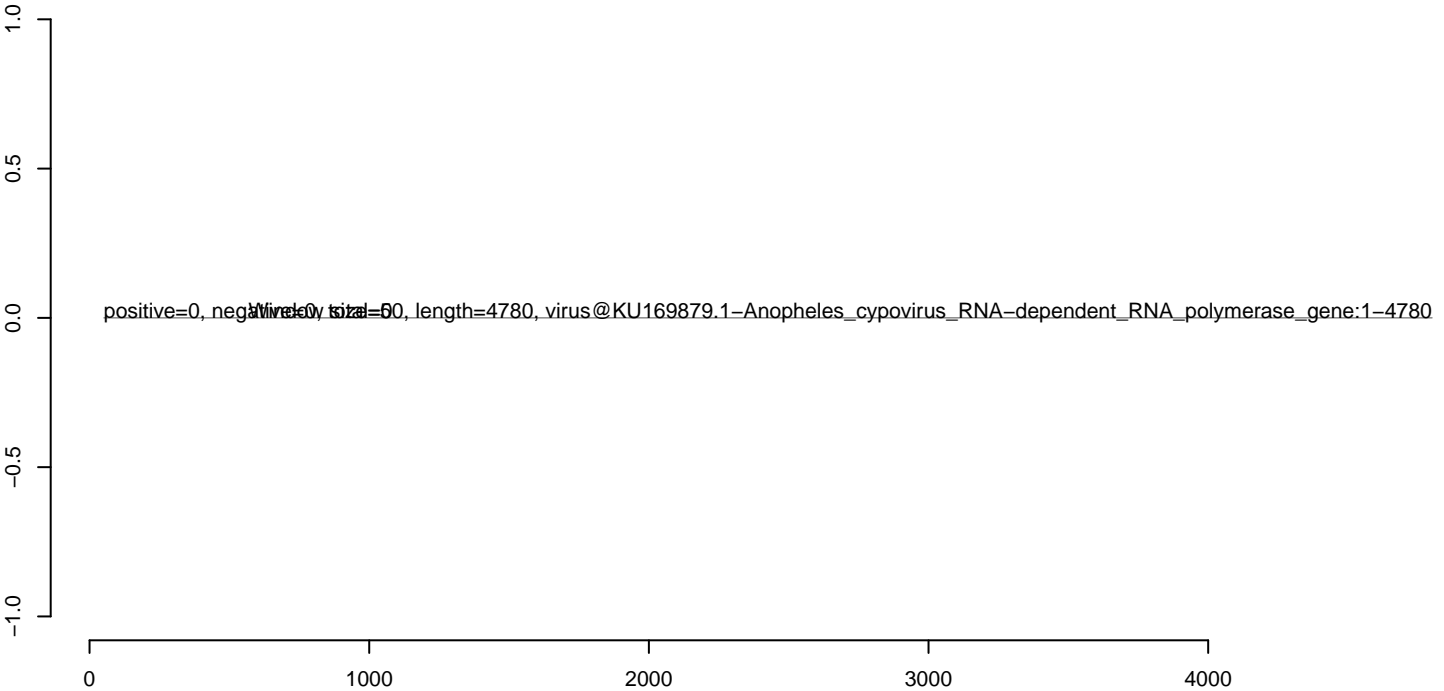
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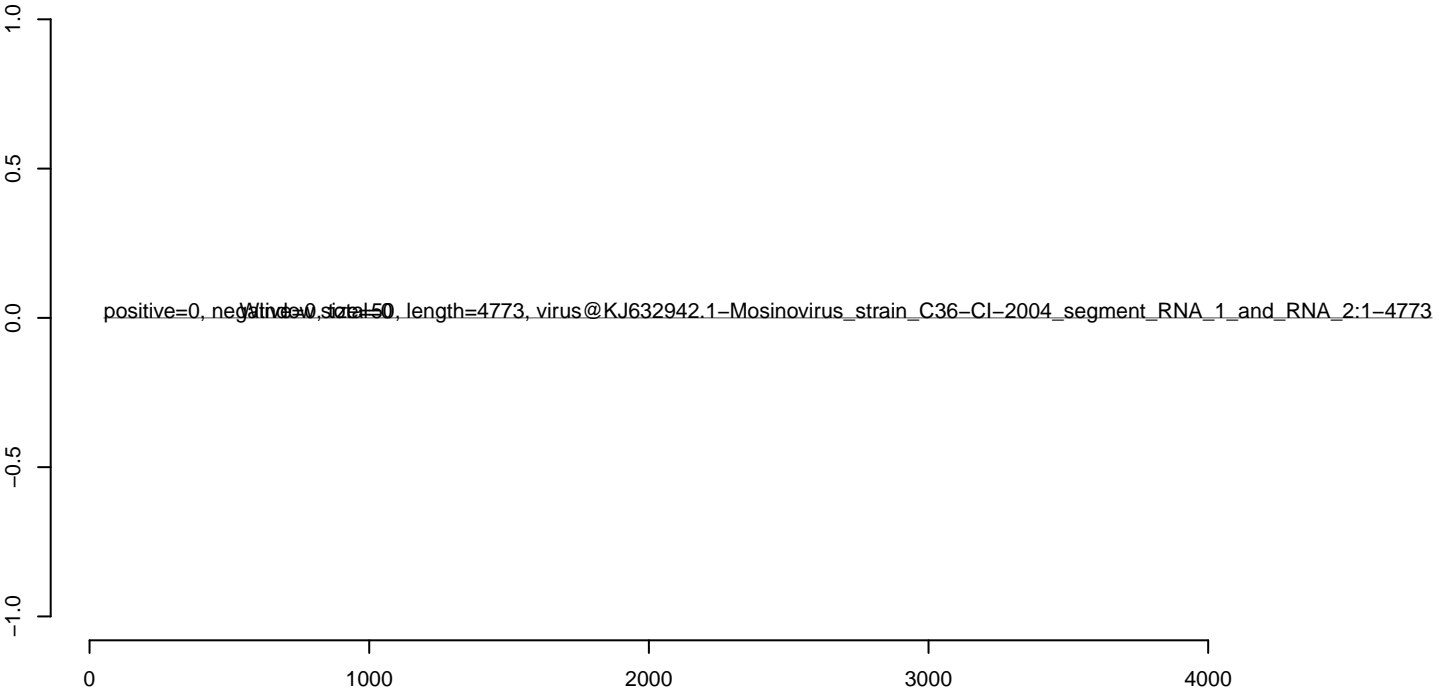
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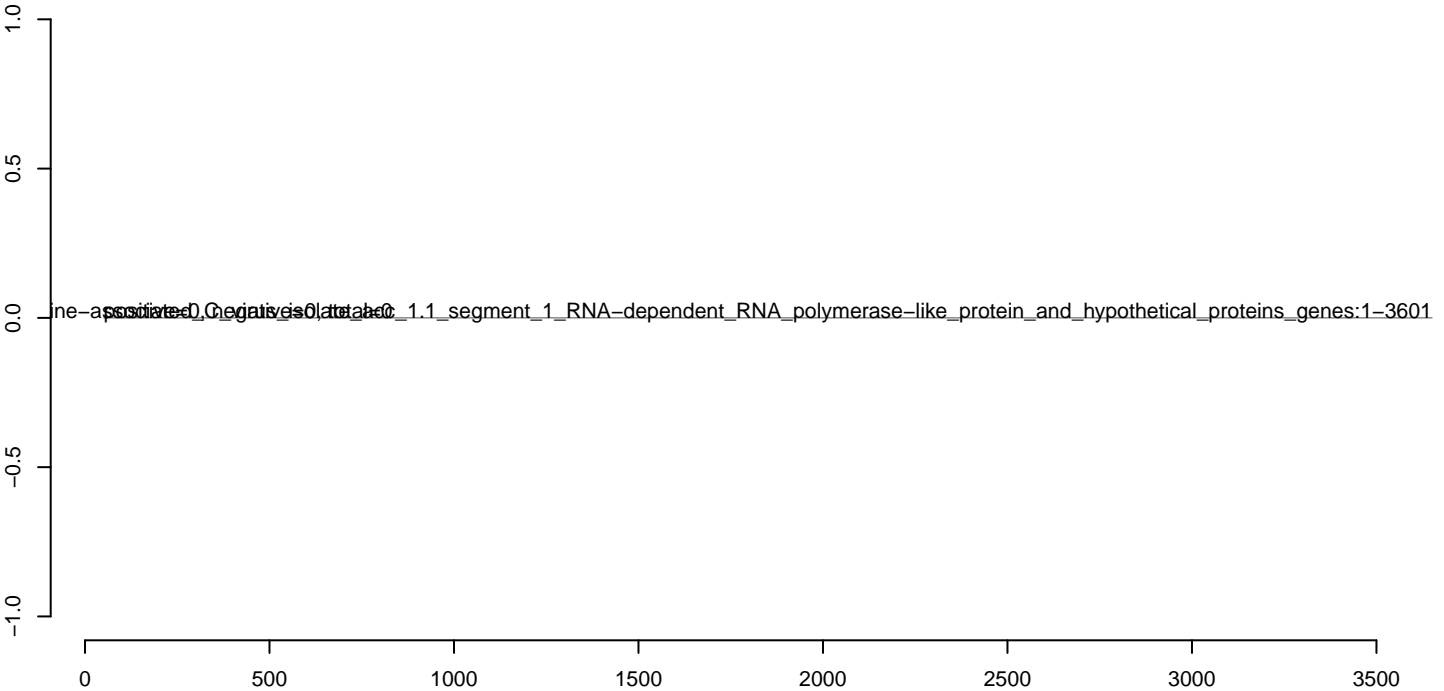
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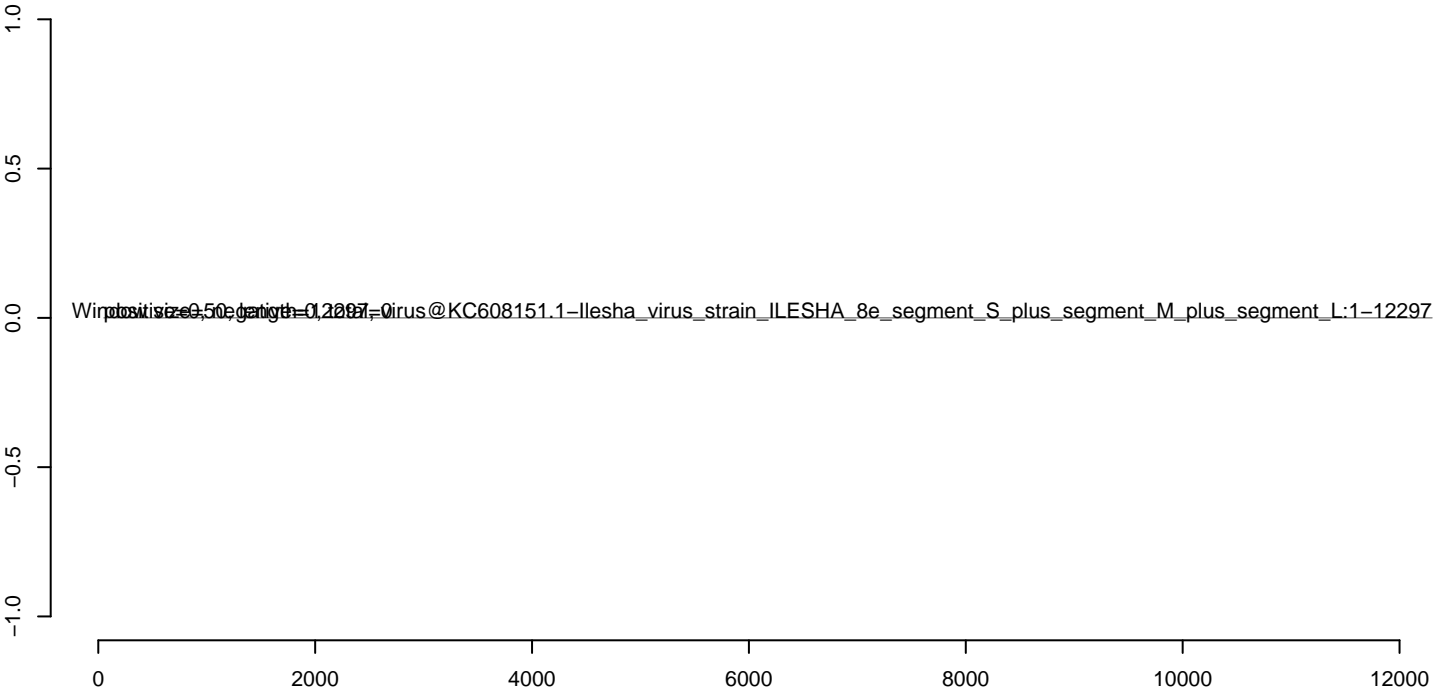
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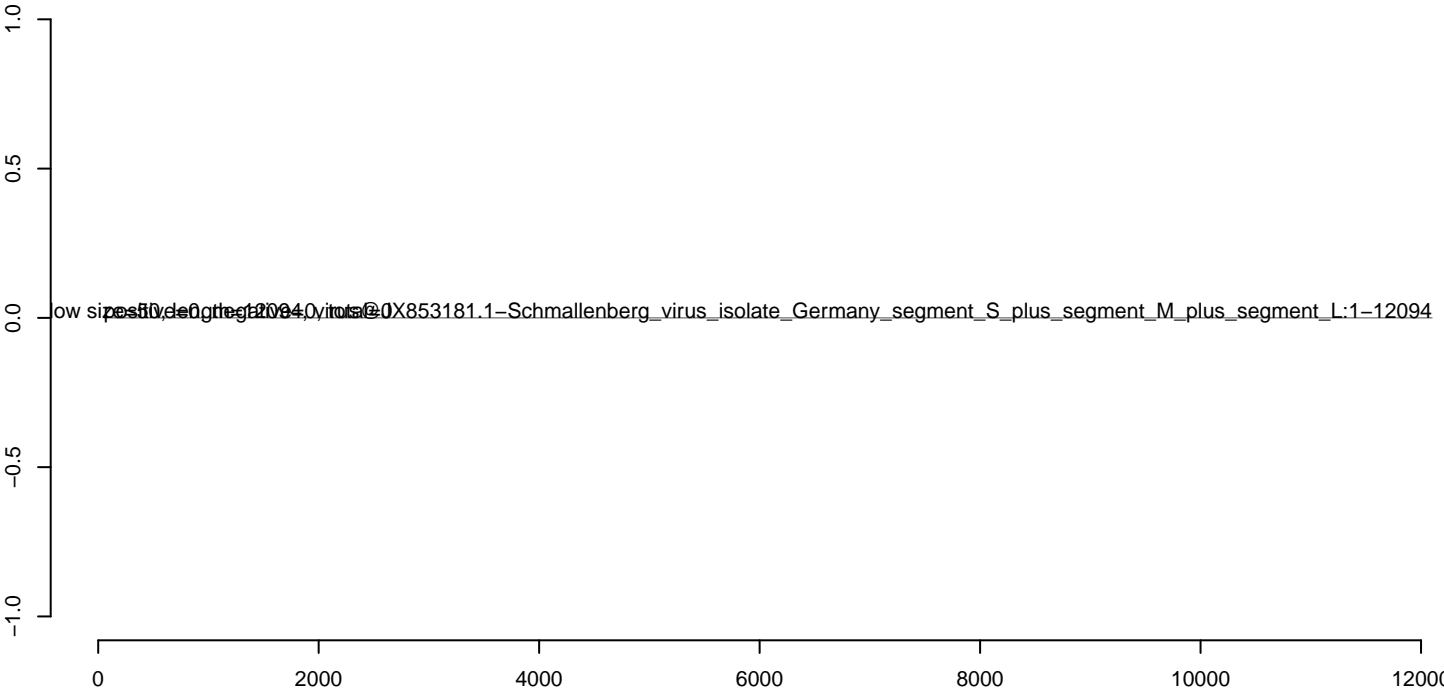
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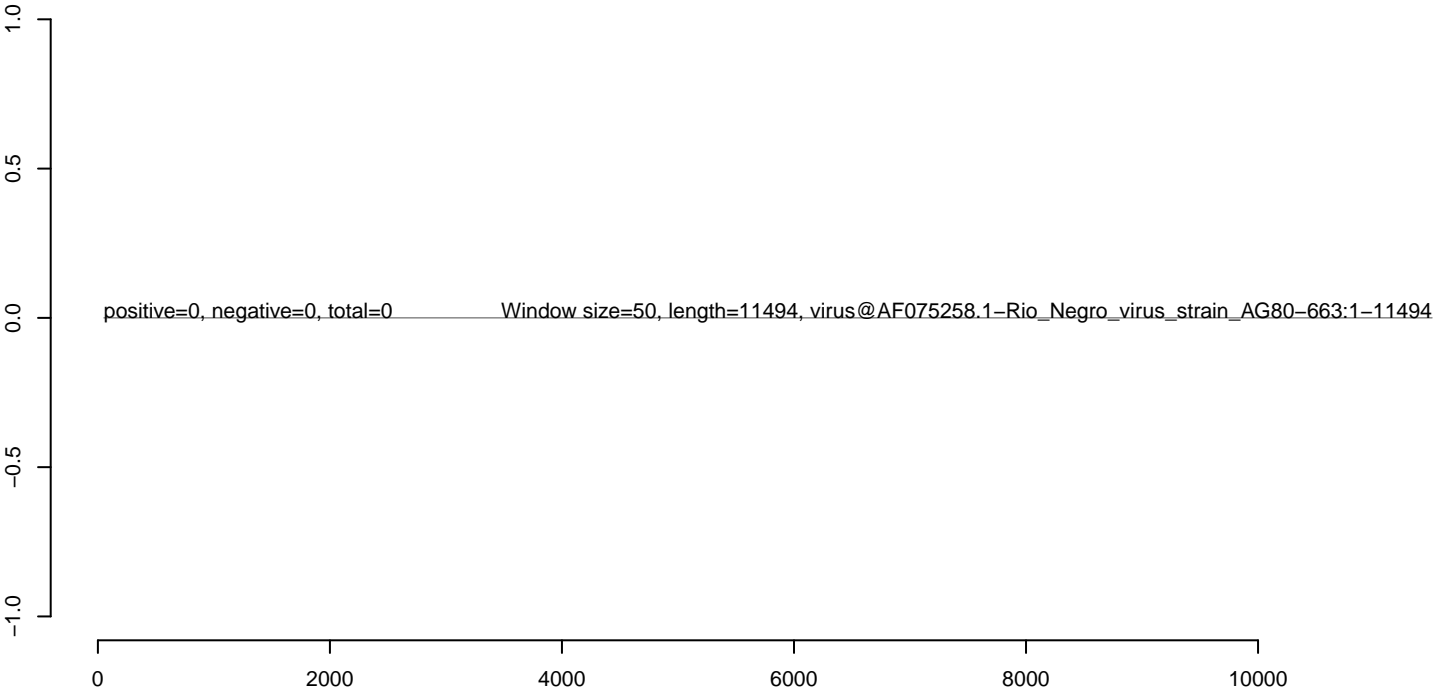
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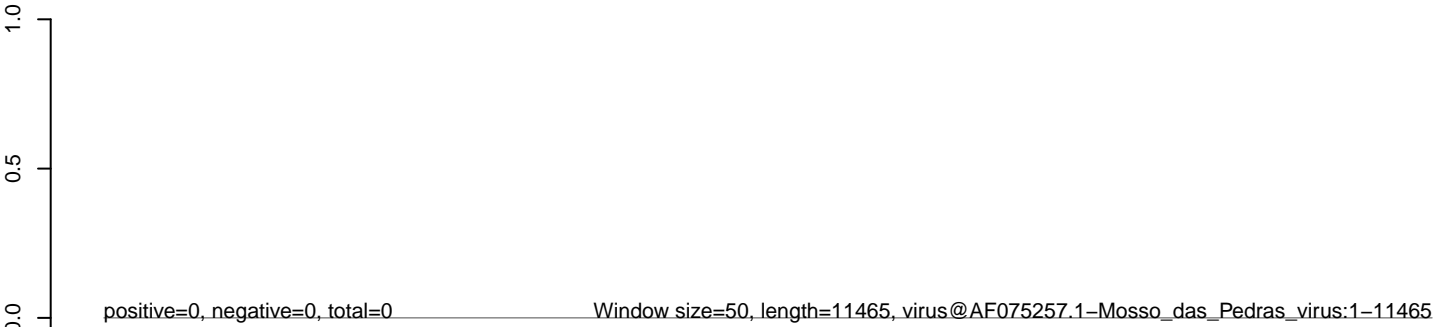
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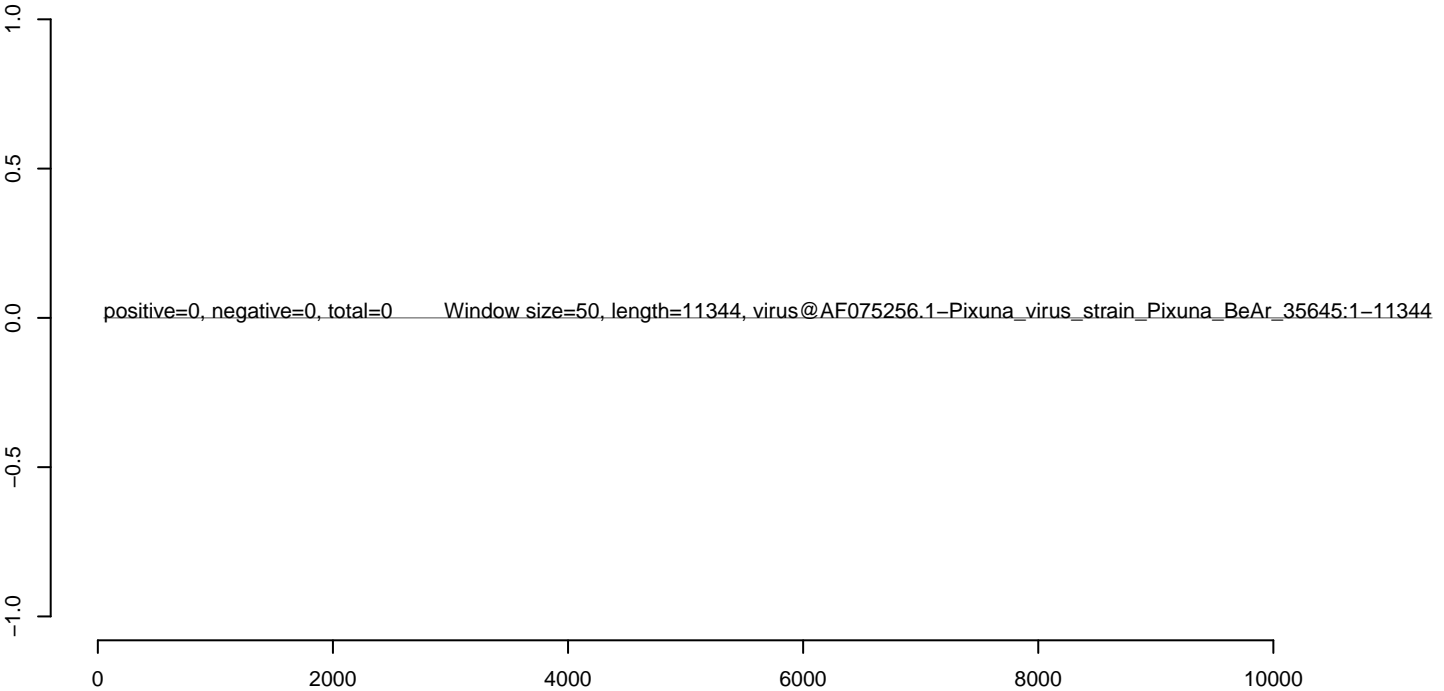
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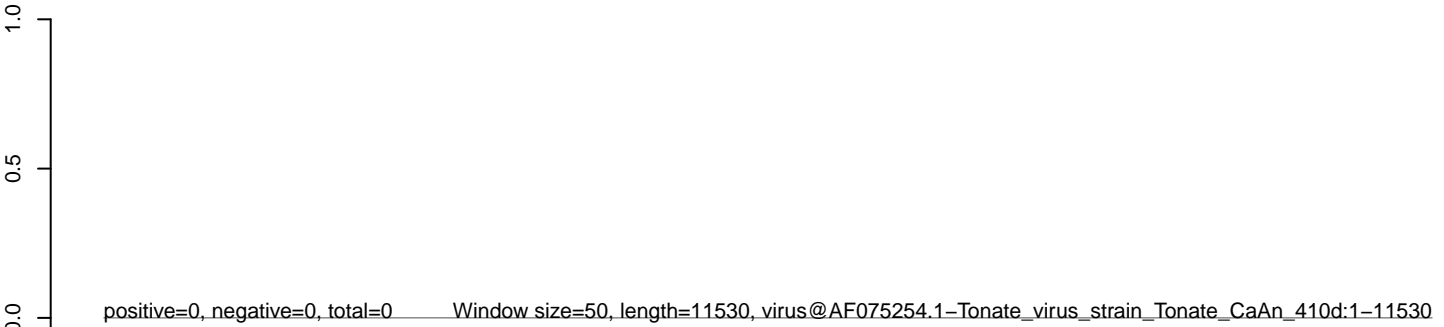
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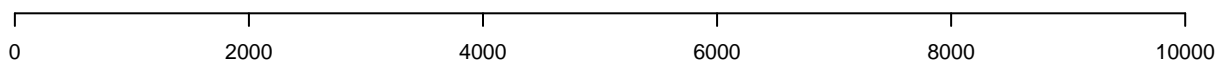
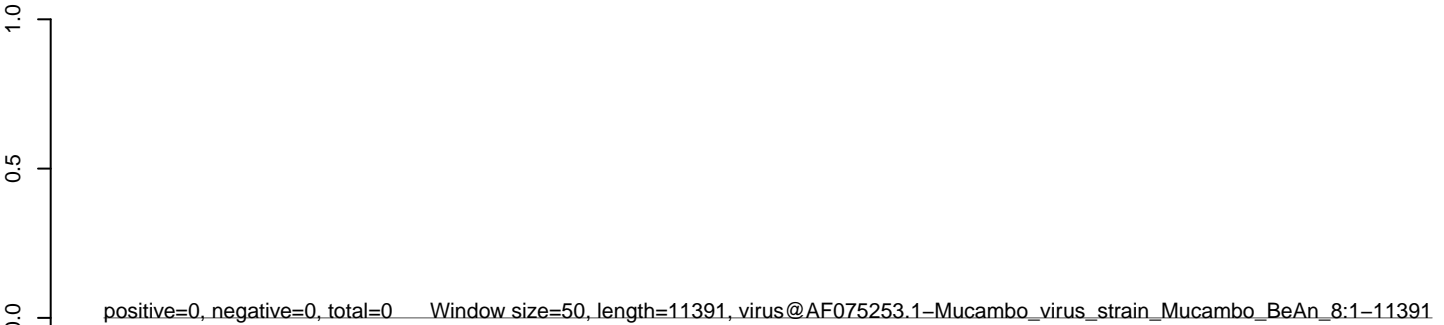
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



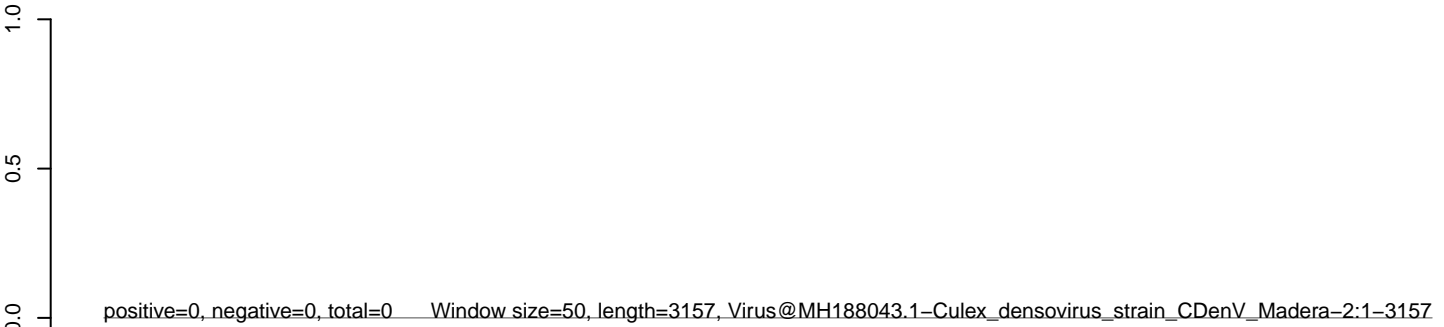
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**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV3\_rep2.rep**



0 500 1000 1500 2000 2500 3000

**AeAeg\_Aag2smallRNA\_DENV3\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV3\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV3\_rep2.rep**

