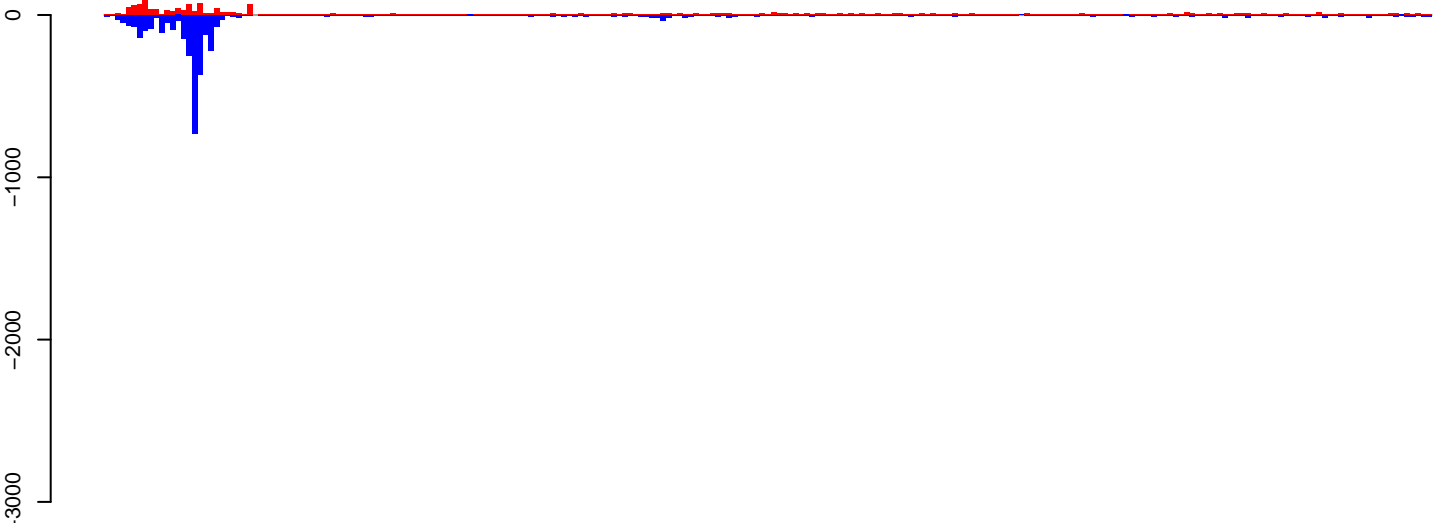
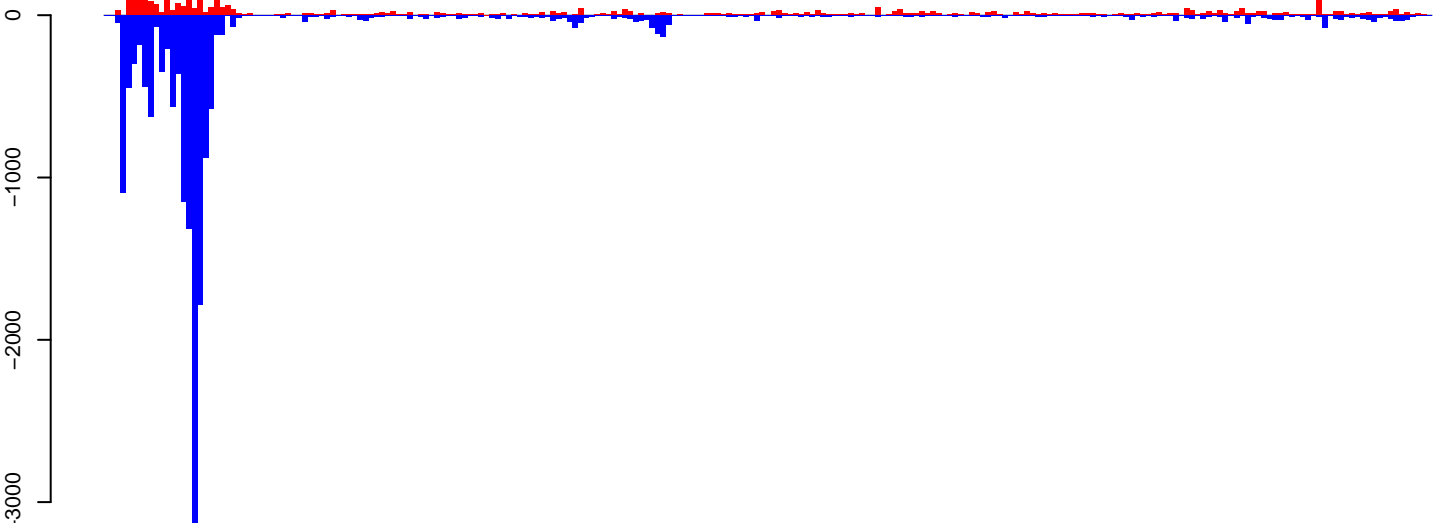


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



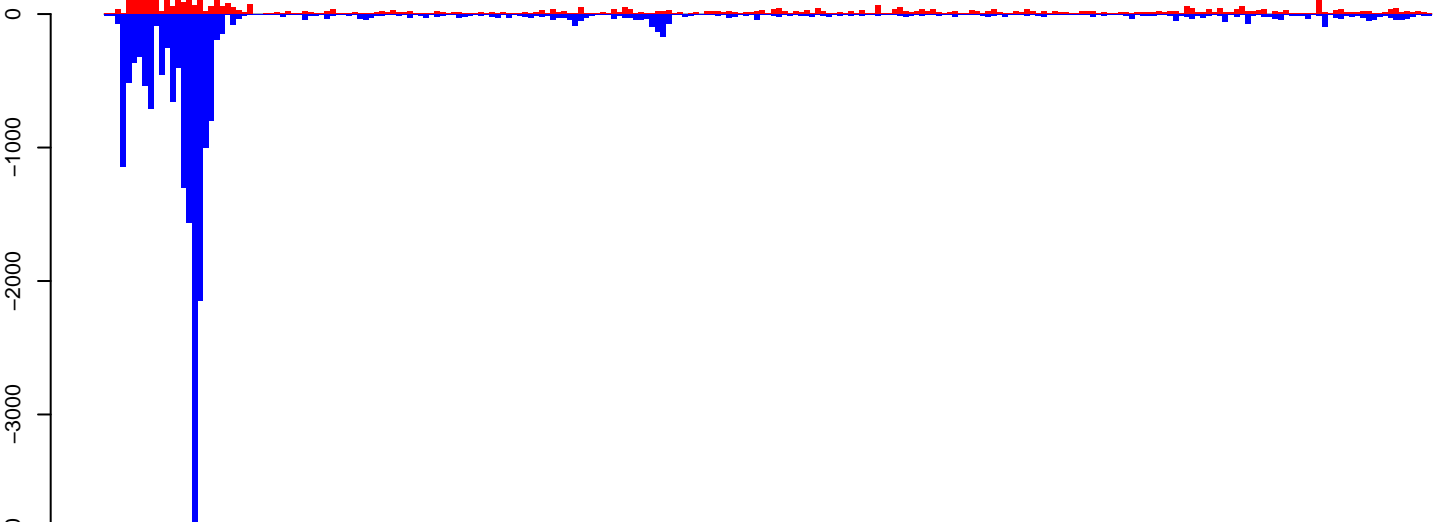
positive=1681, negative=3722, total=5403

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



positive=4669, negative=16639, total=21308

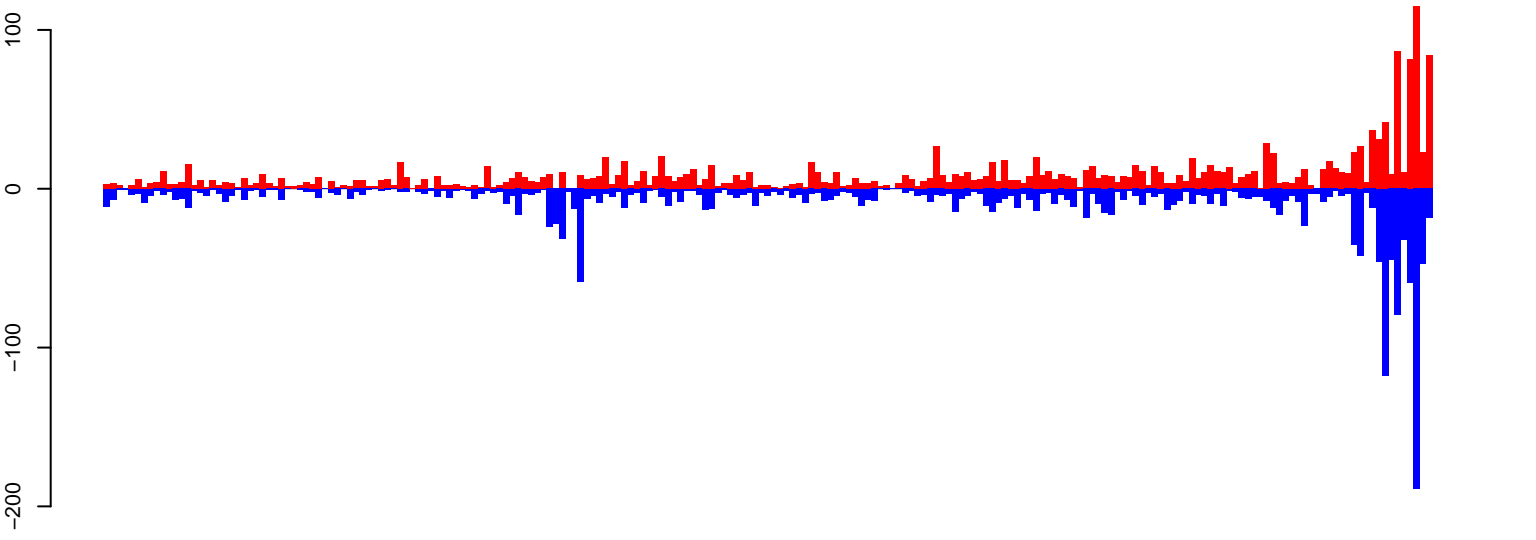
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



2099, positive=4353, negative=2683, total=7036 virus\_isolate\_Rio\_segment\_S\_plus\_segment\_M\_plus\_segment\_L\_Nucleocapsid\_gene:1-12099

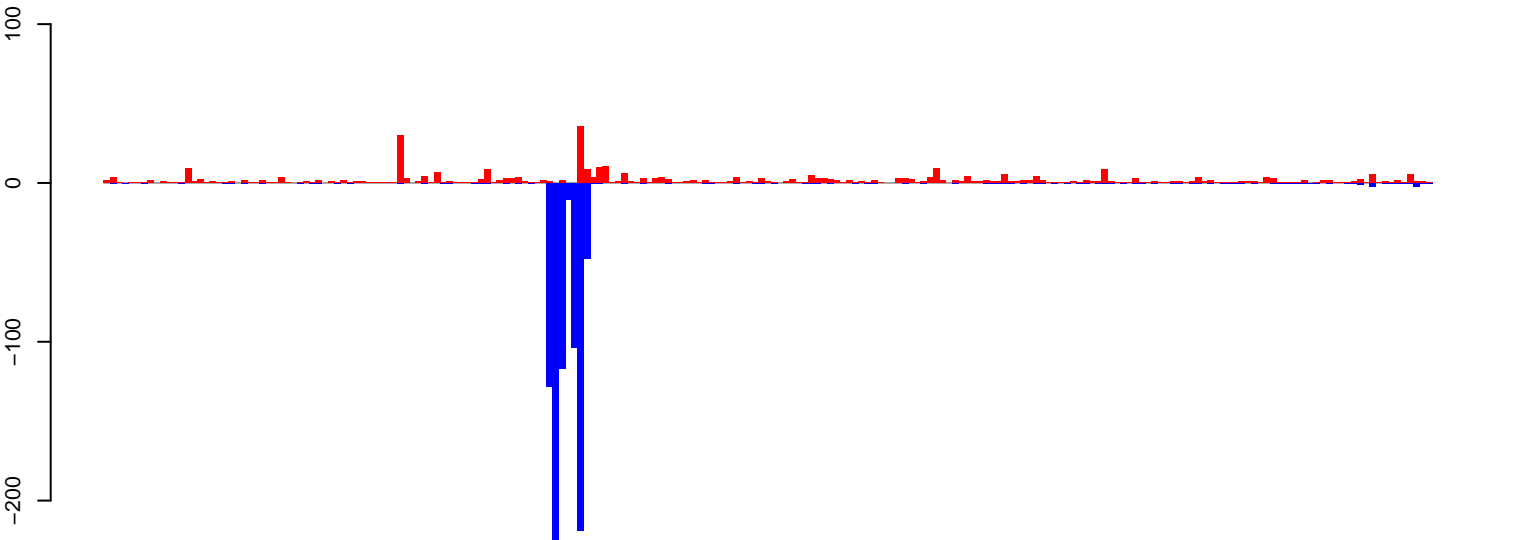
0 2000 4000 6000 8000 10000 12000

AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



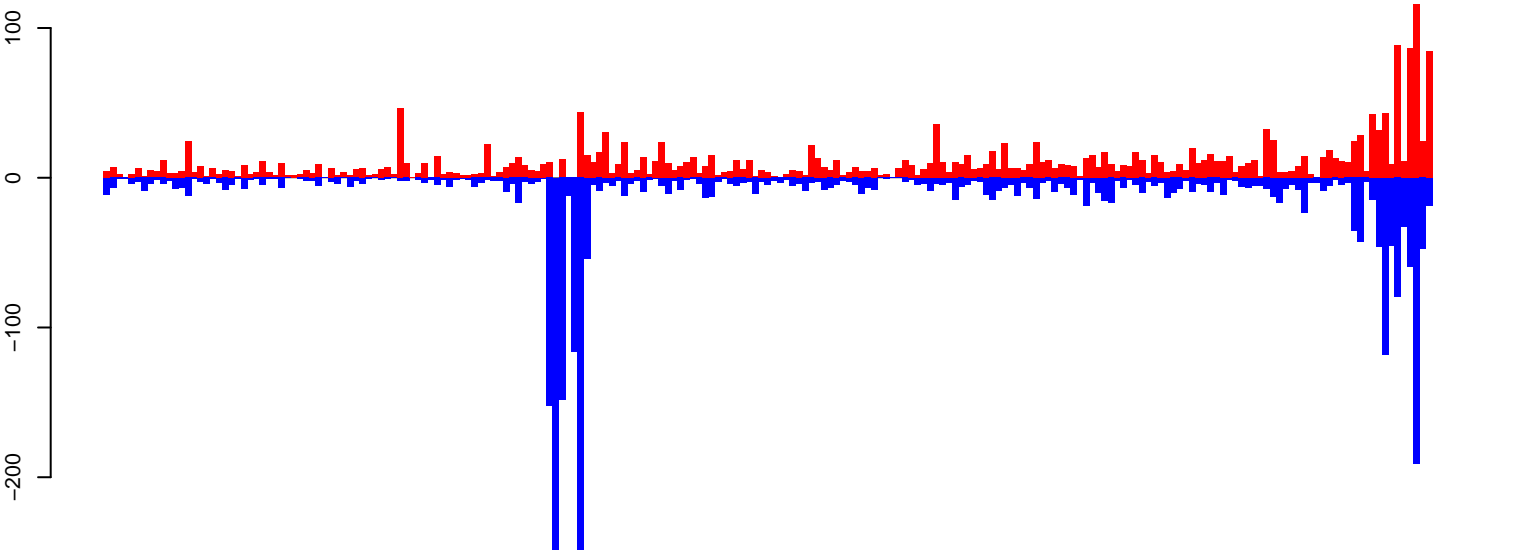
positive=1933, negative=1849, total=3781

AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



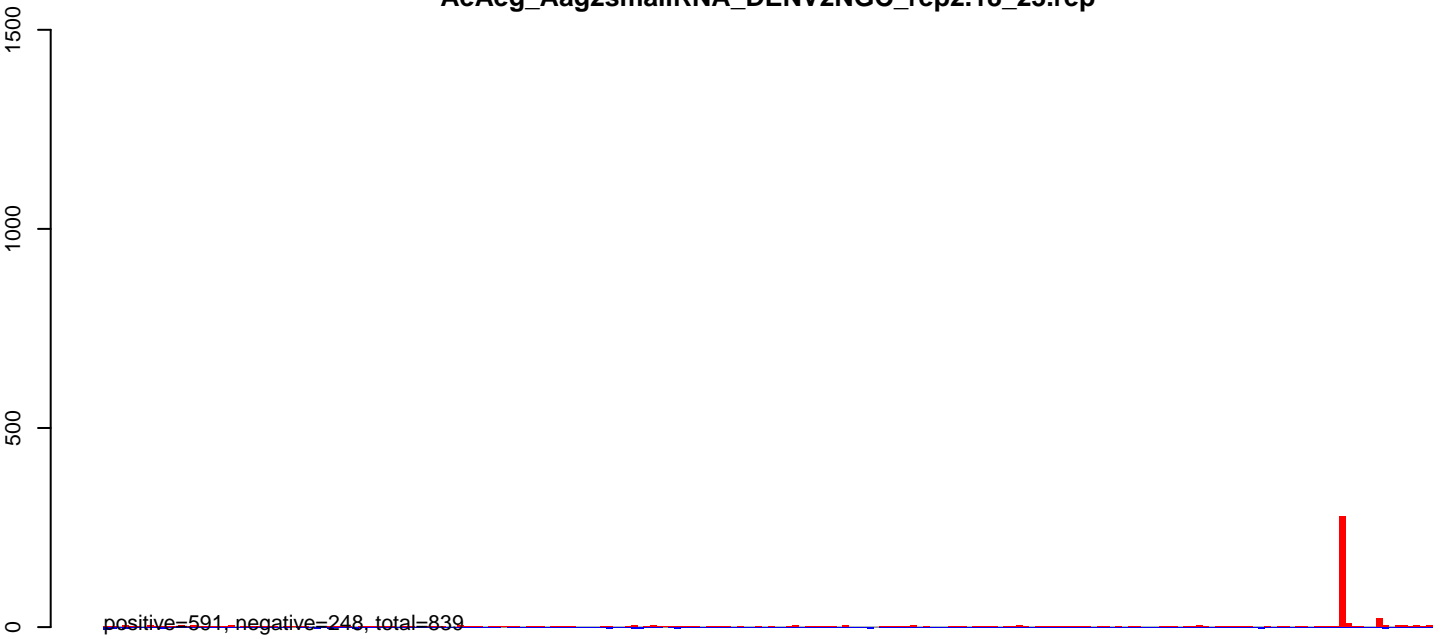
positive=361, negative=903, total=1264

AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep

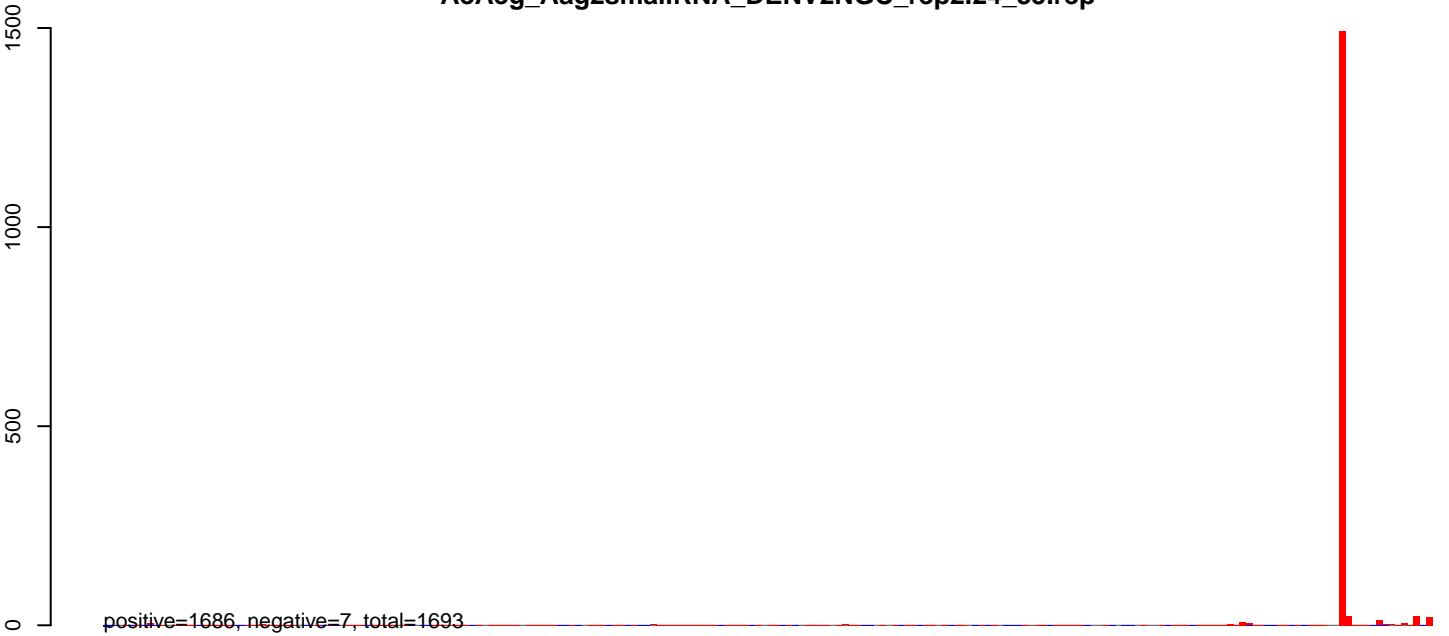


positive=2294, negative=2752, total=5046, size=50, length=10682, virus@NC\_001564.2-Cell\_fusing\_agent\_virus\_strain\_Galveston:1-10682

AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



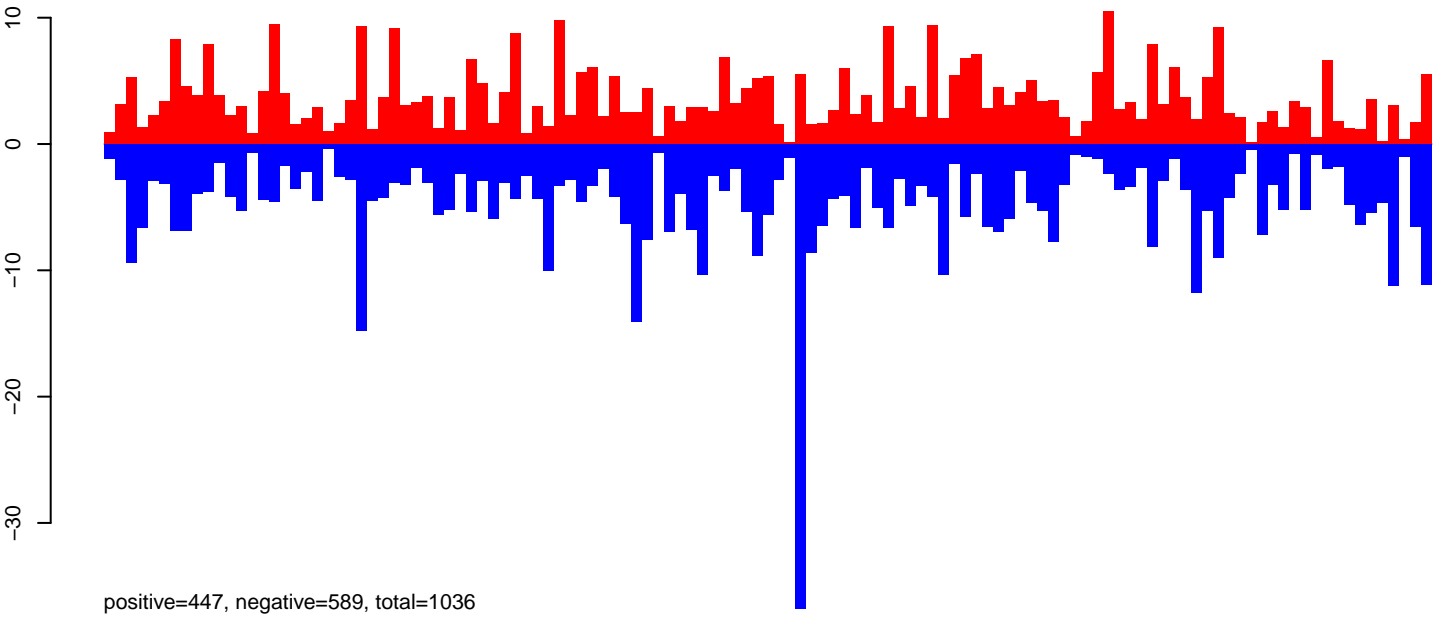
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



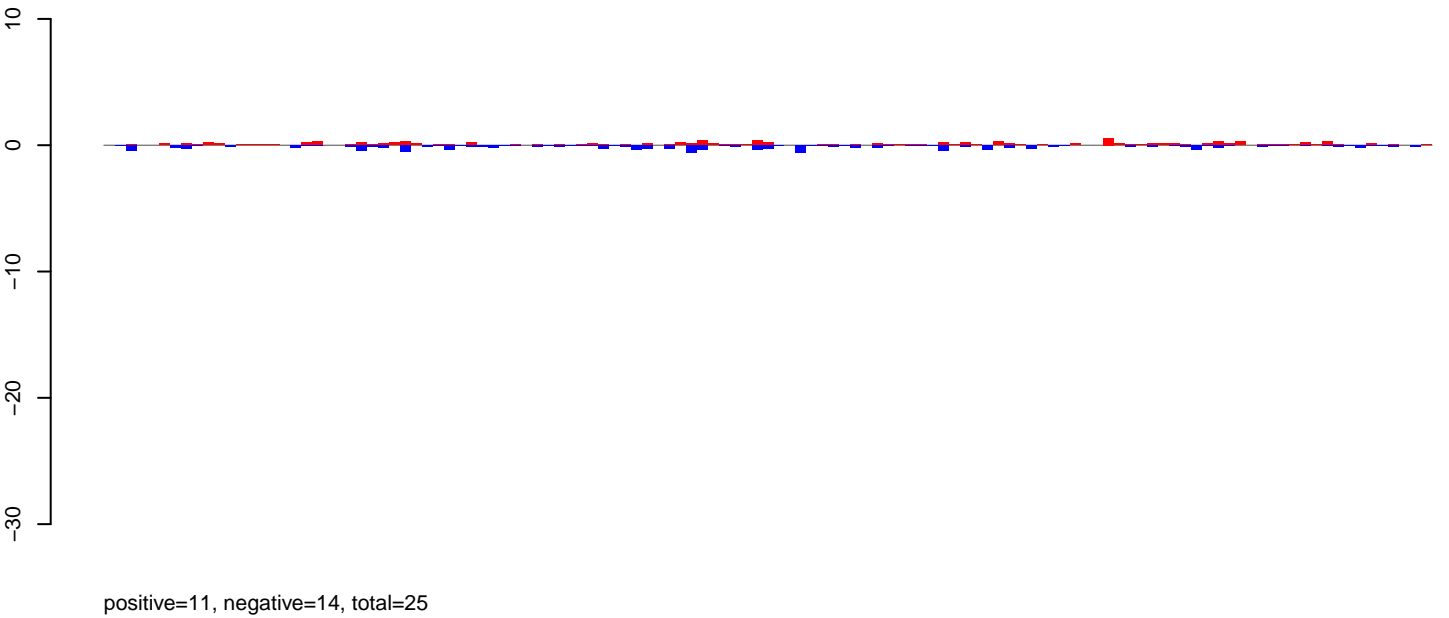
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep



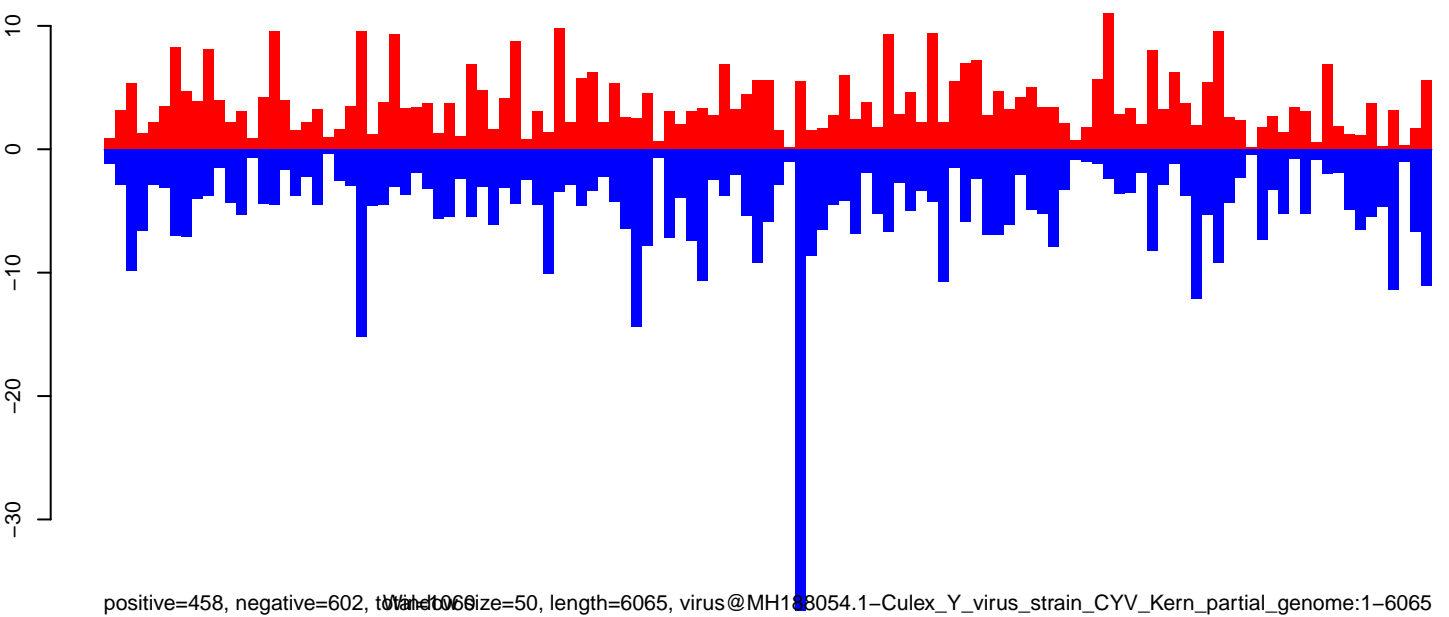
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep

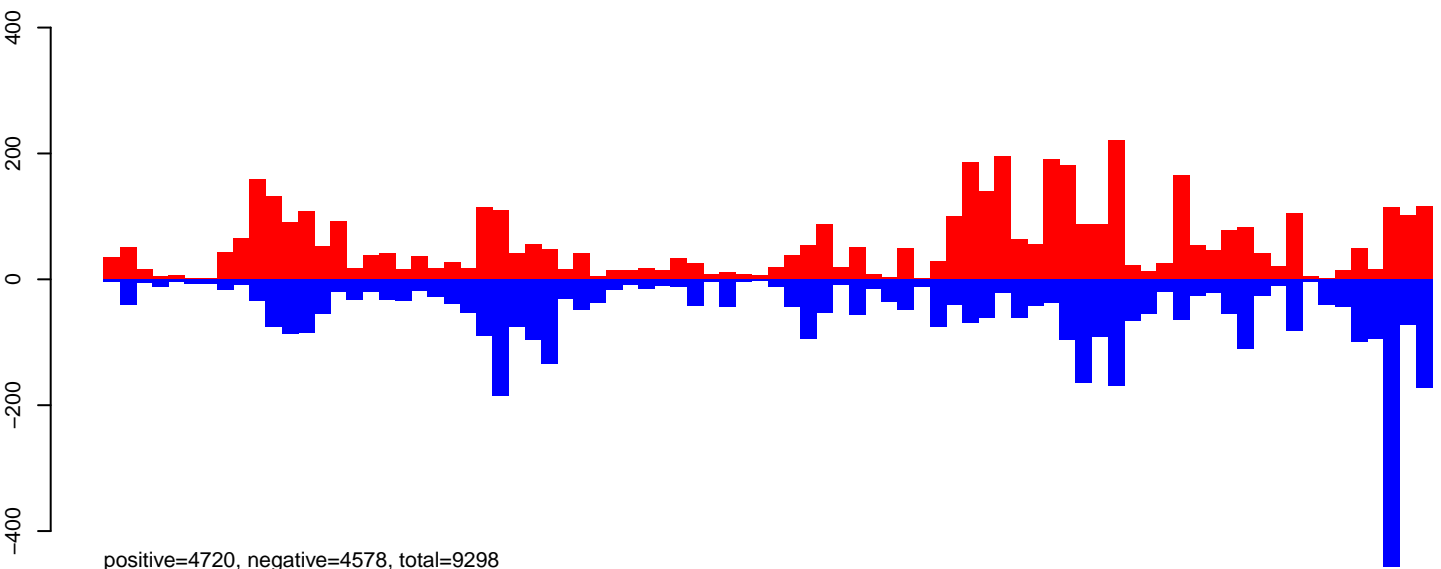


AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep

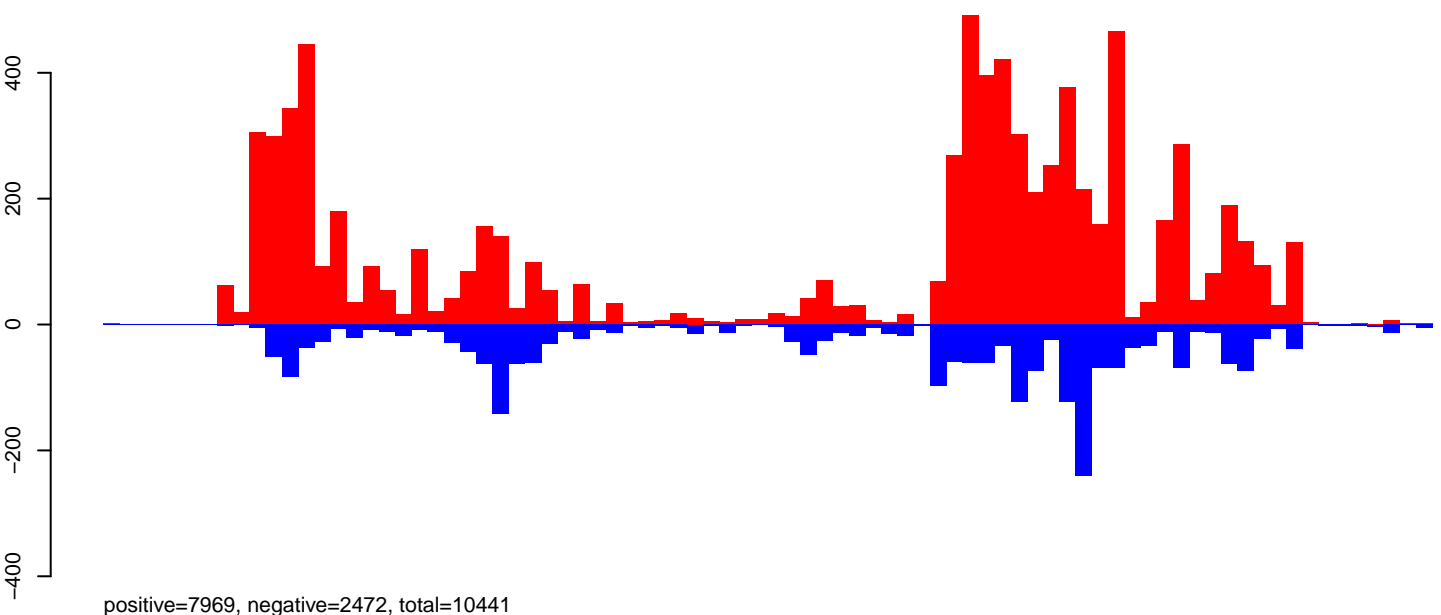


0 1000 2000 3000 4000 5000 6000

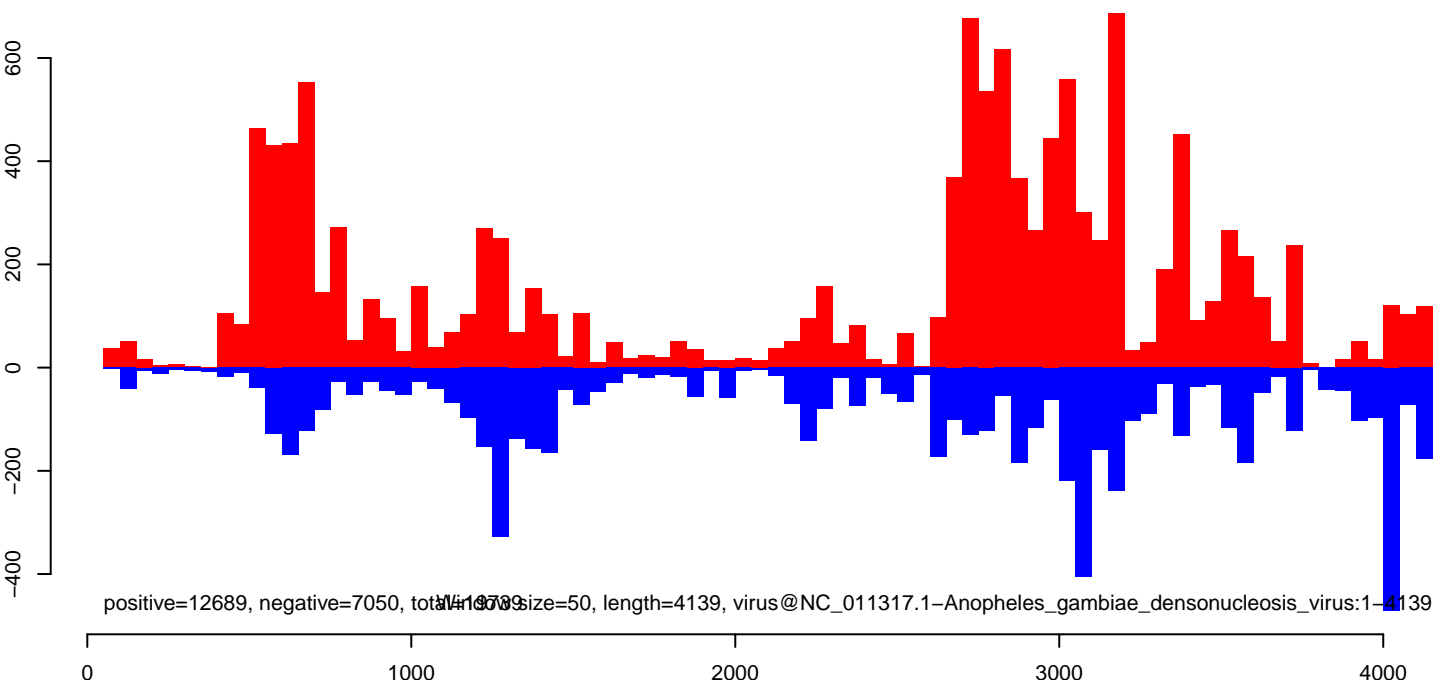
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



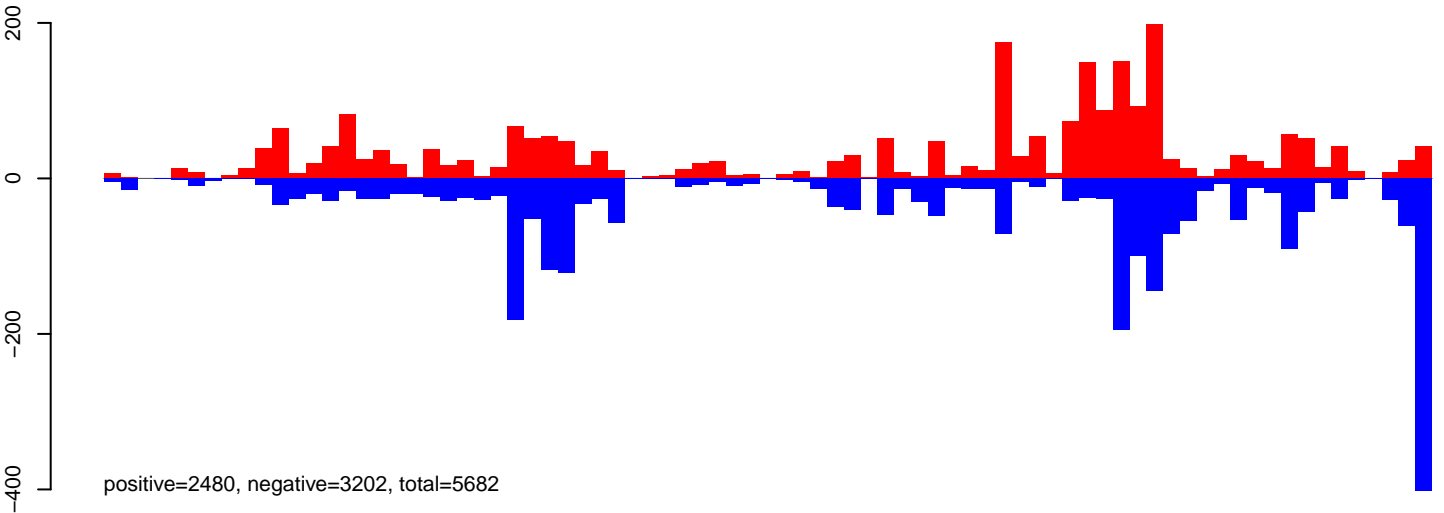
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



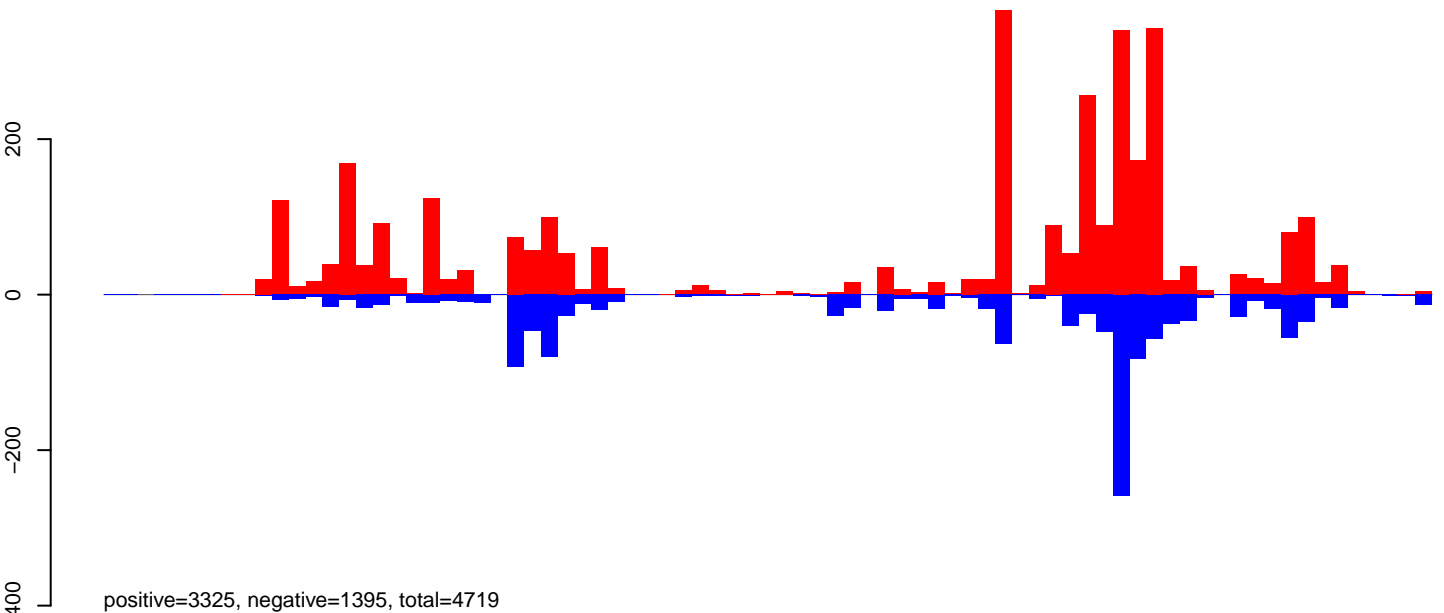
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep



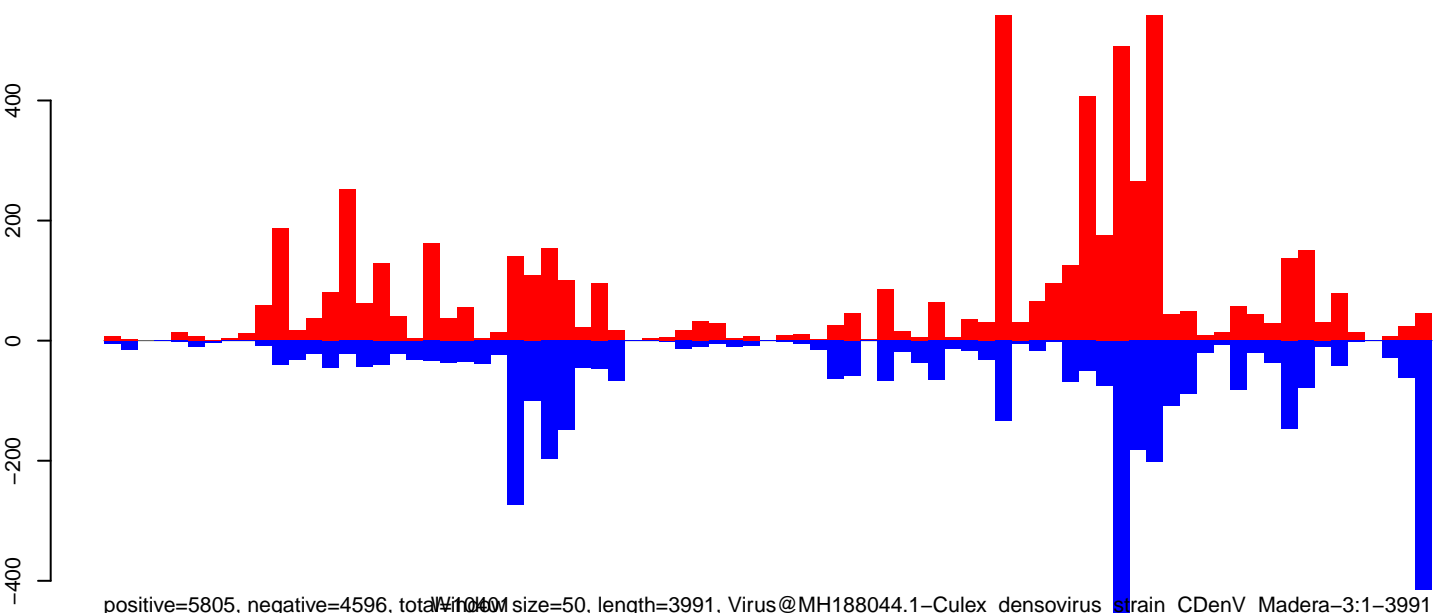
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



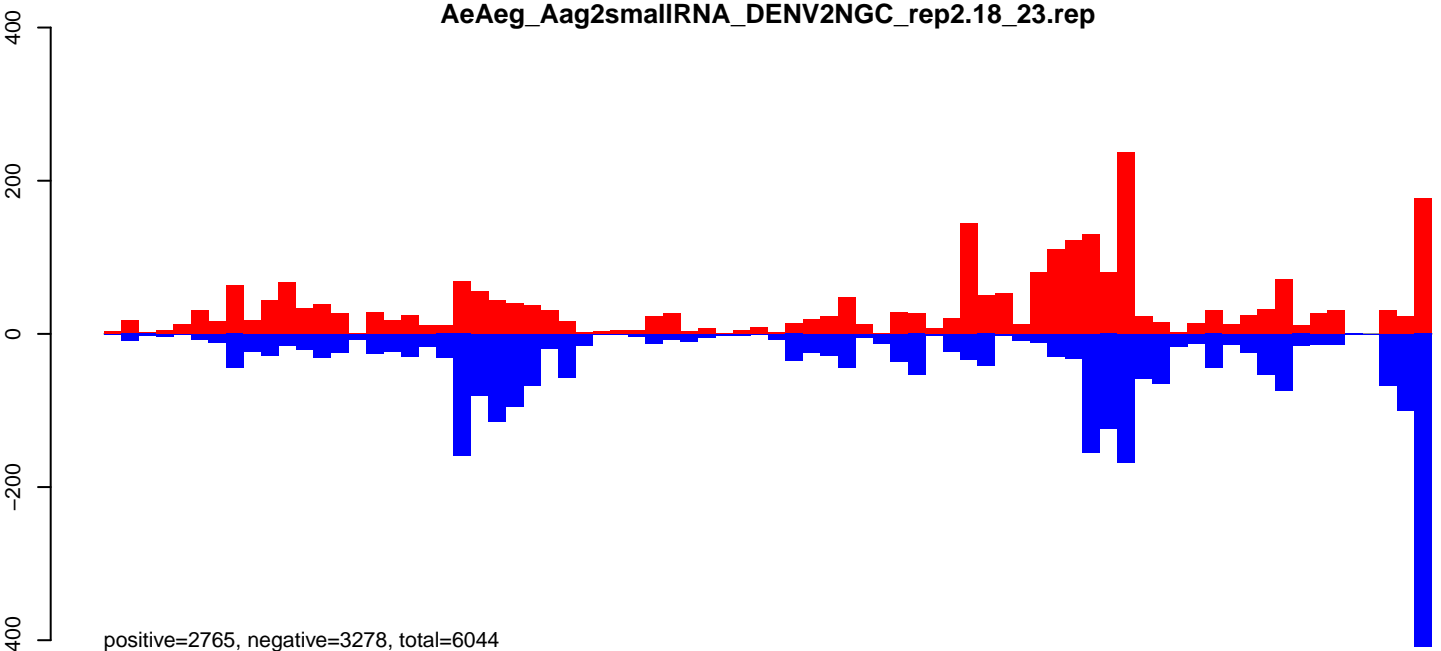
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



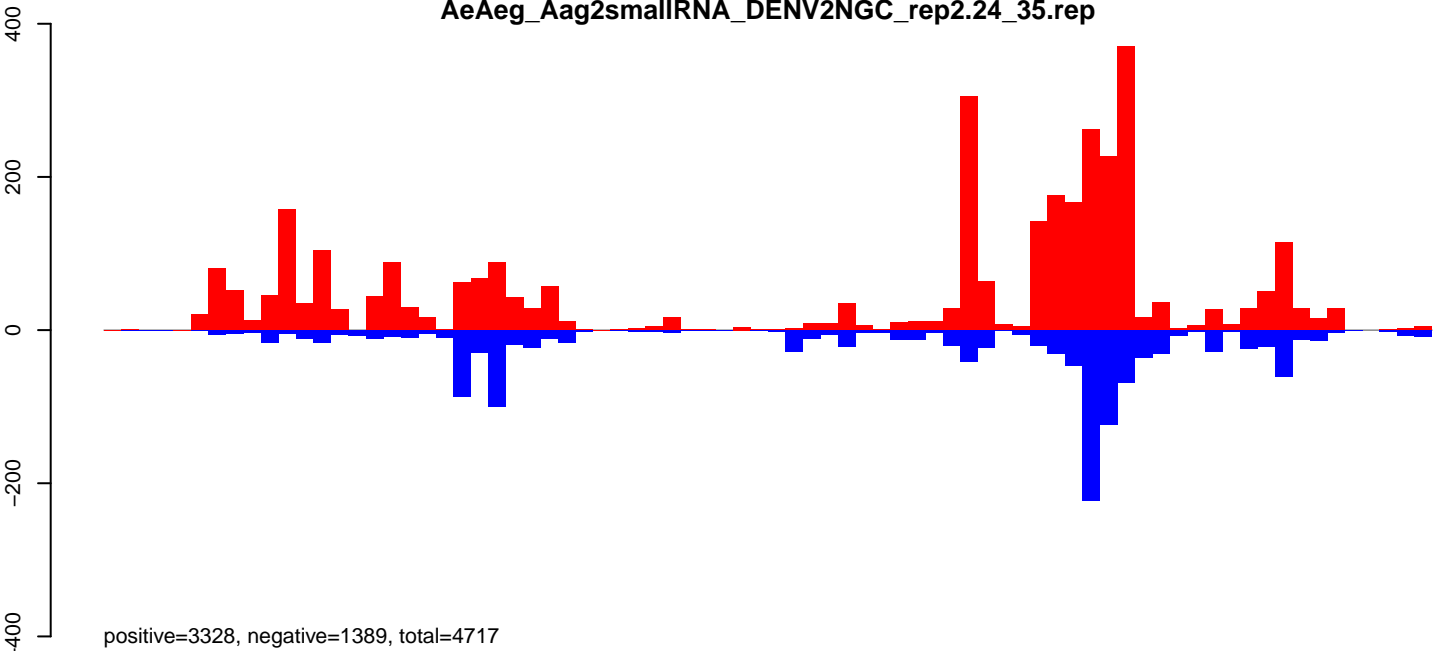
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep



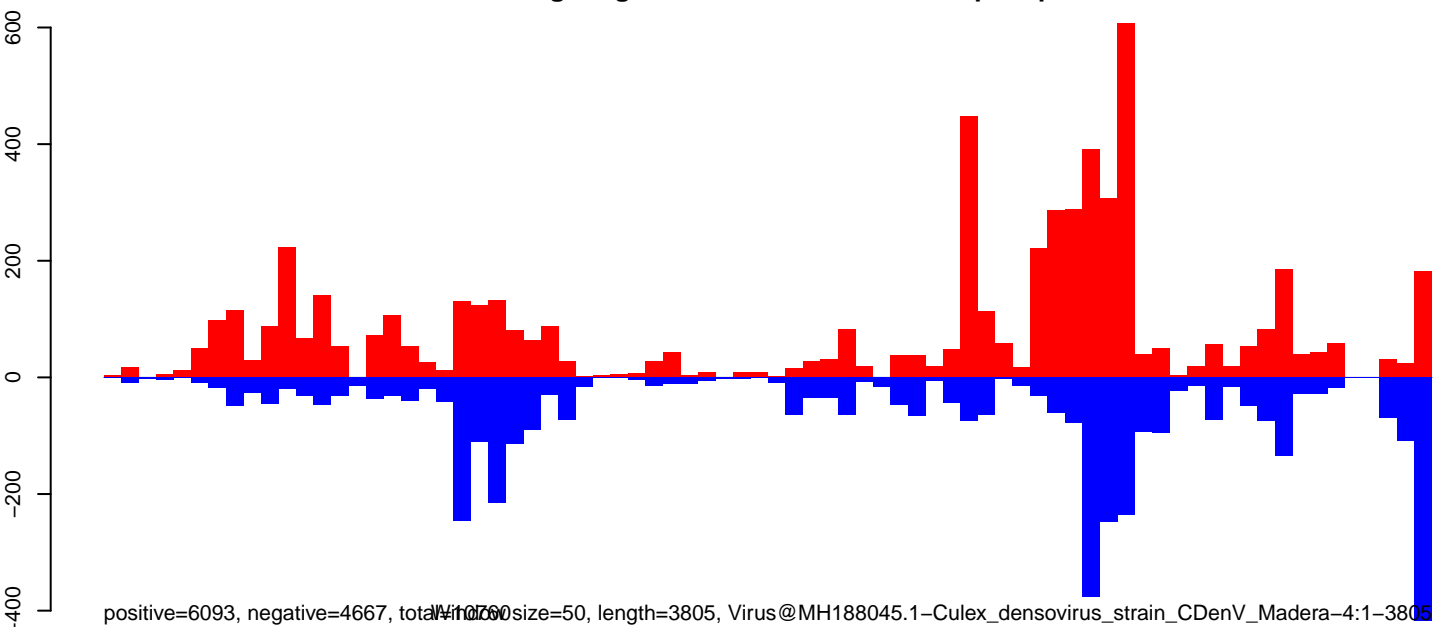
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

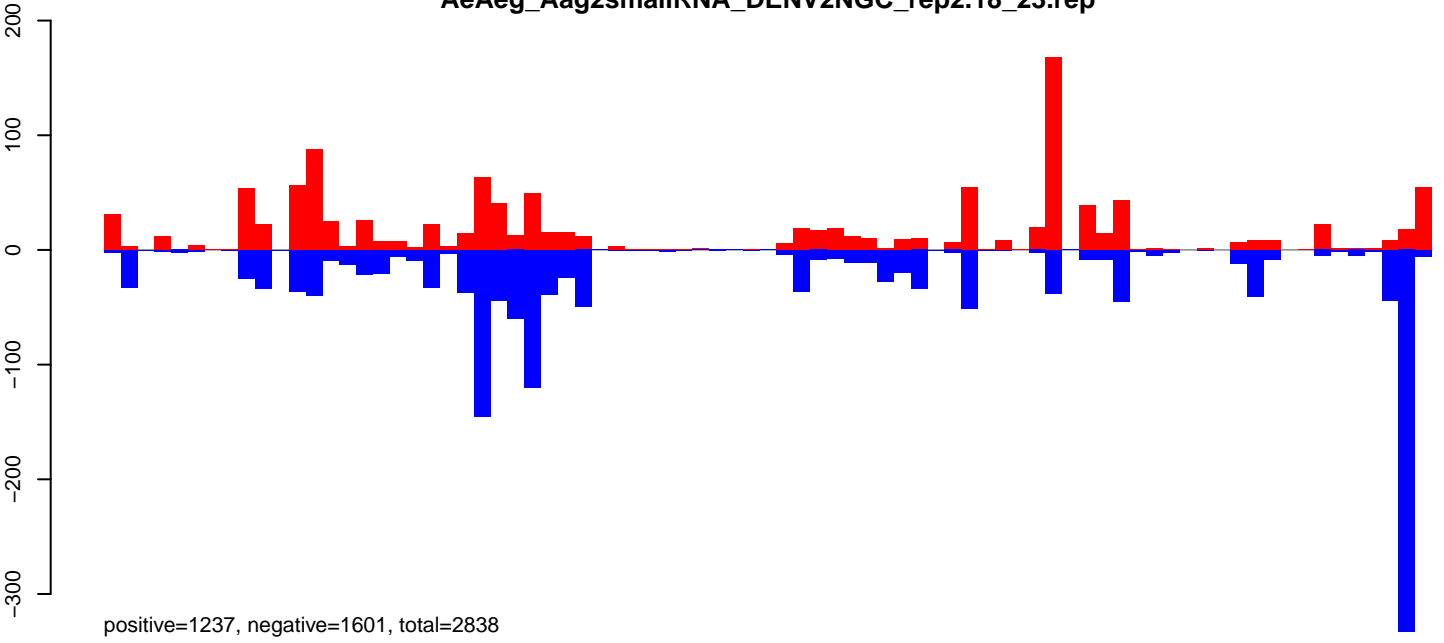


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

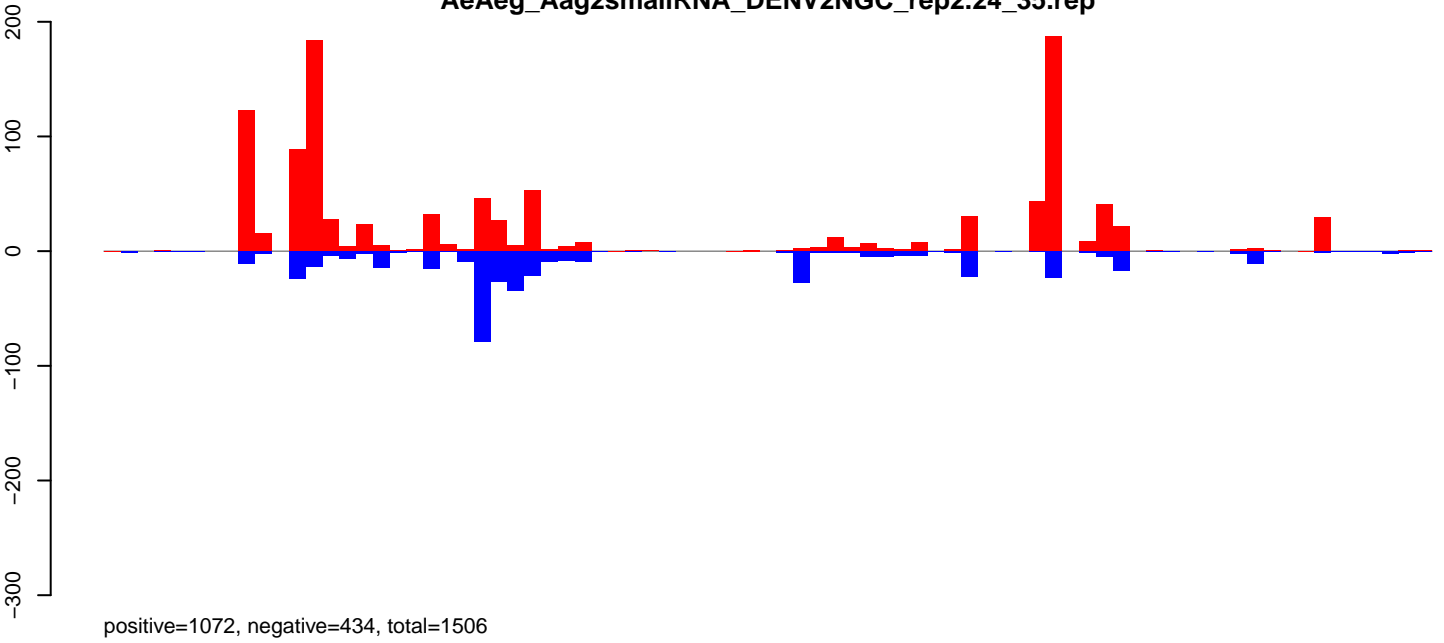


Window size=50, length=3805, Virus@MH188045.1-Culex\_densovirus\_strain\_CDenV\_Madera-4:1-3805

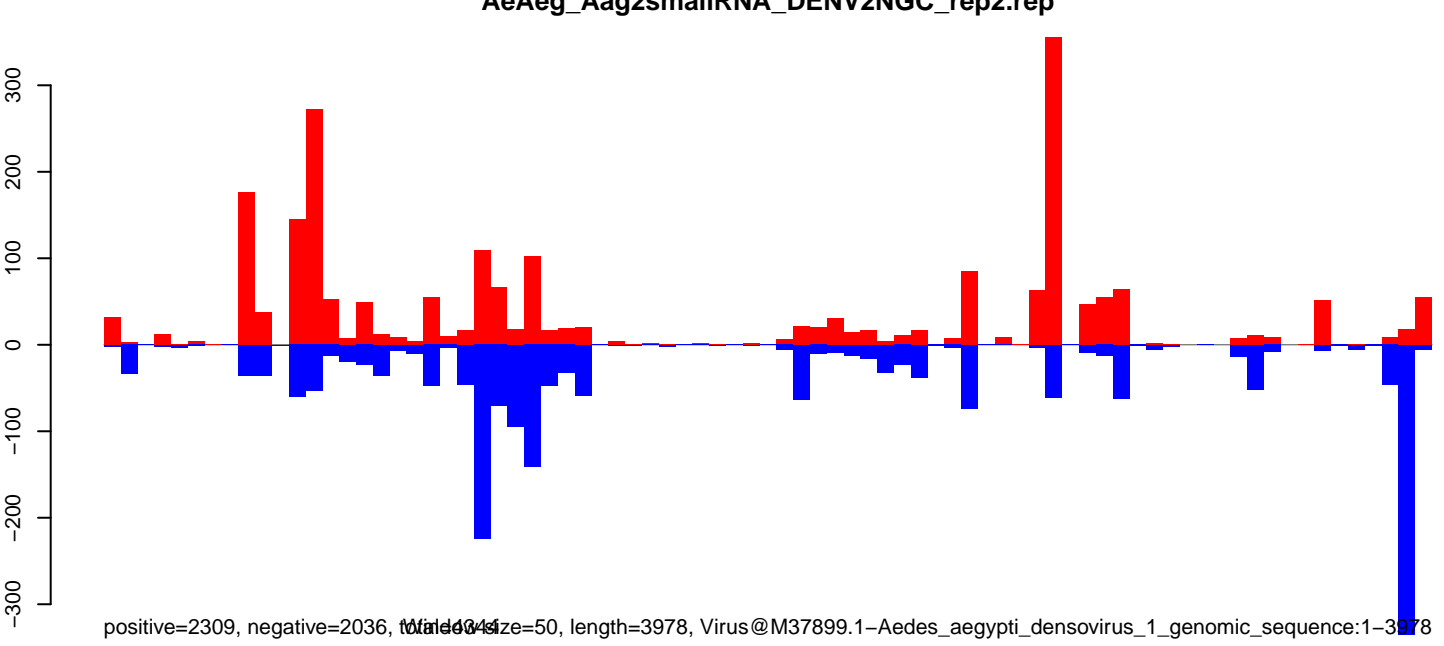
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep

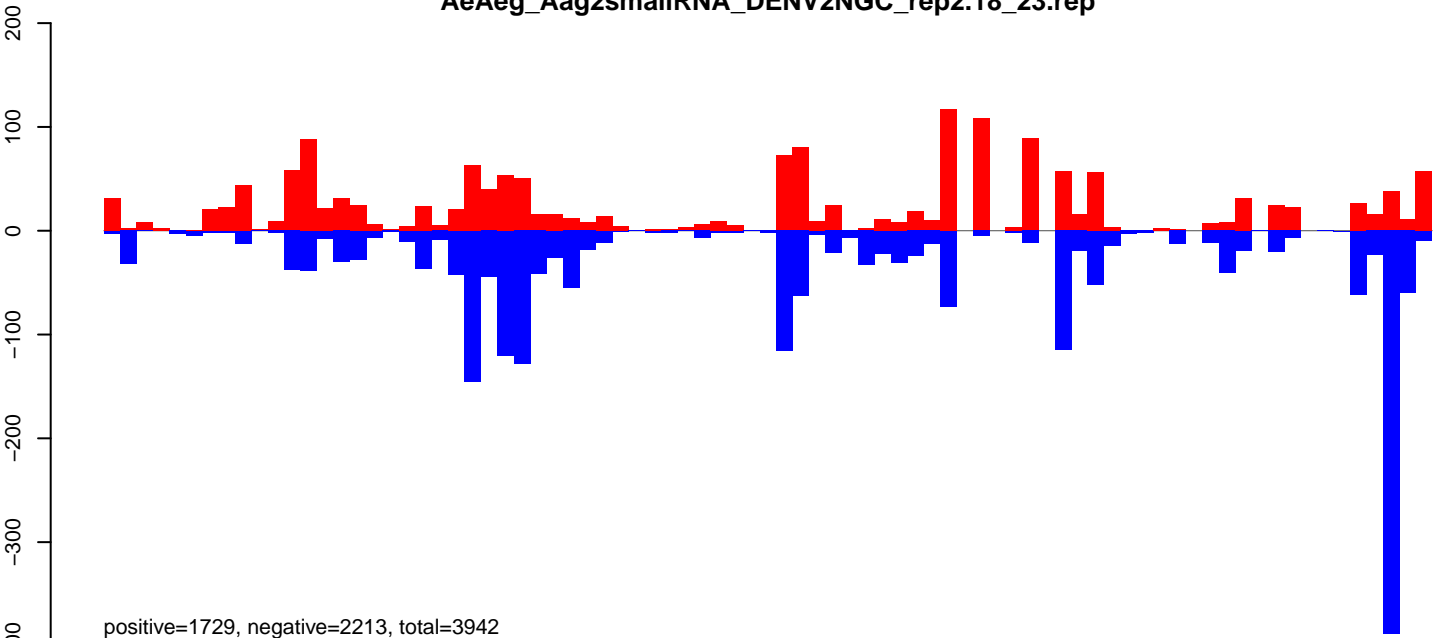


AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep

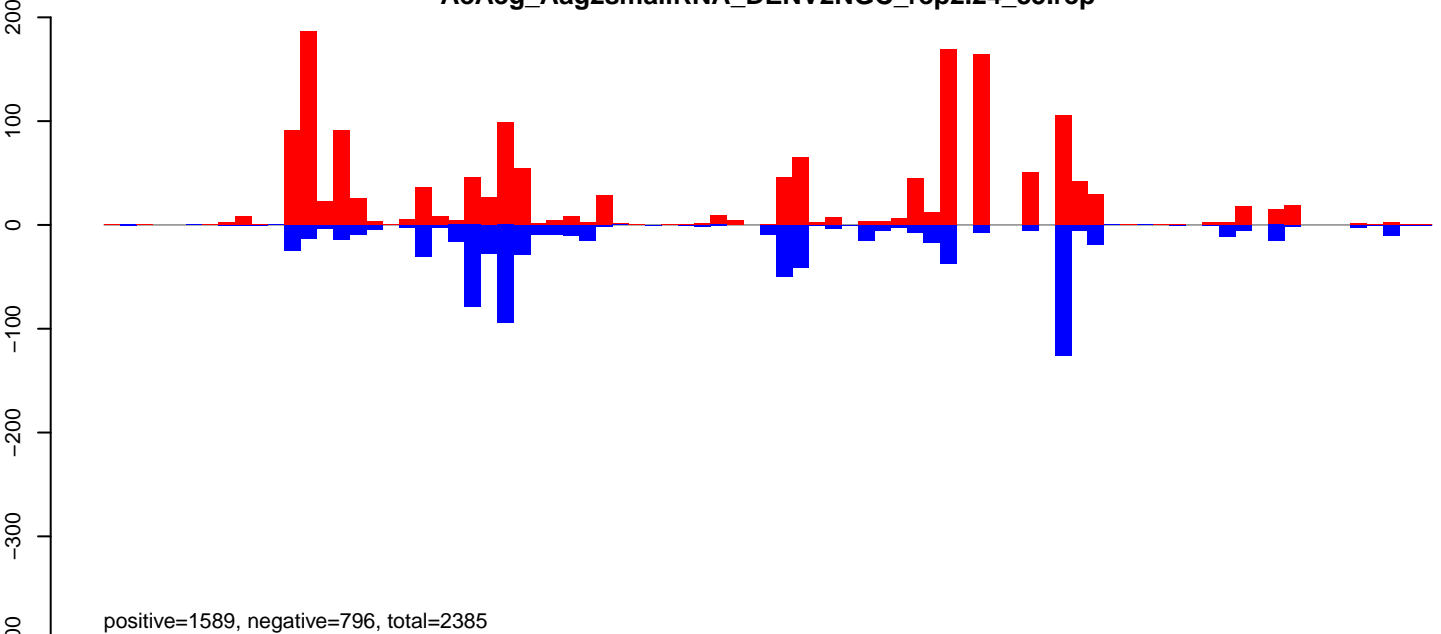




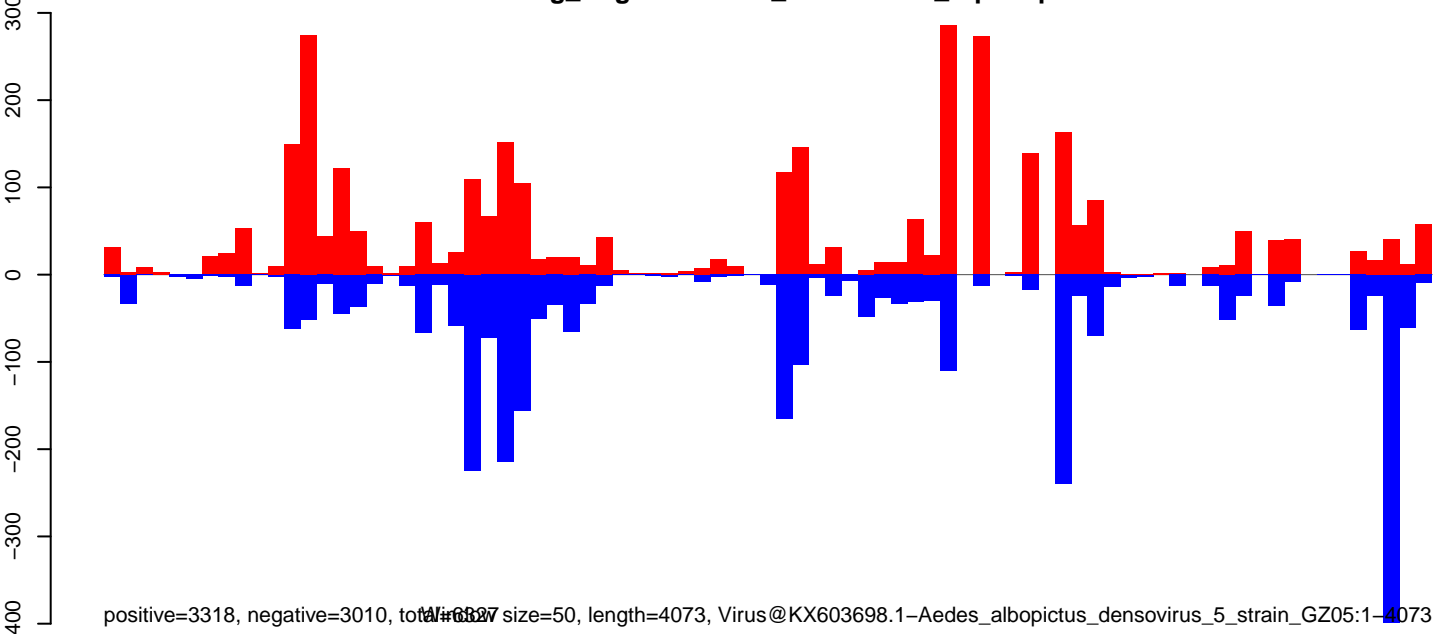
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep

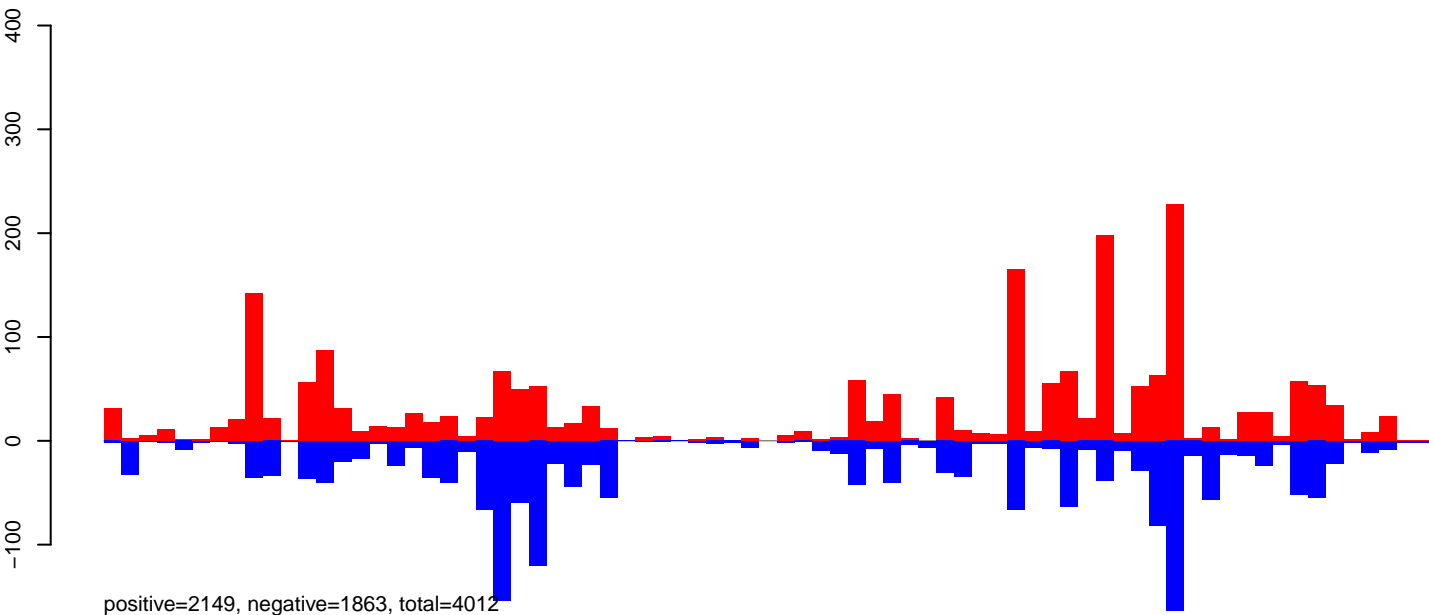


AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep

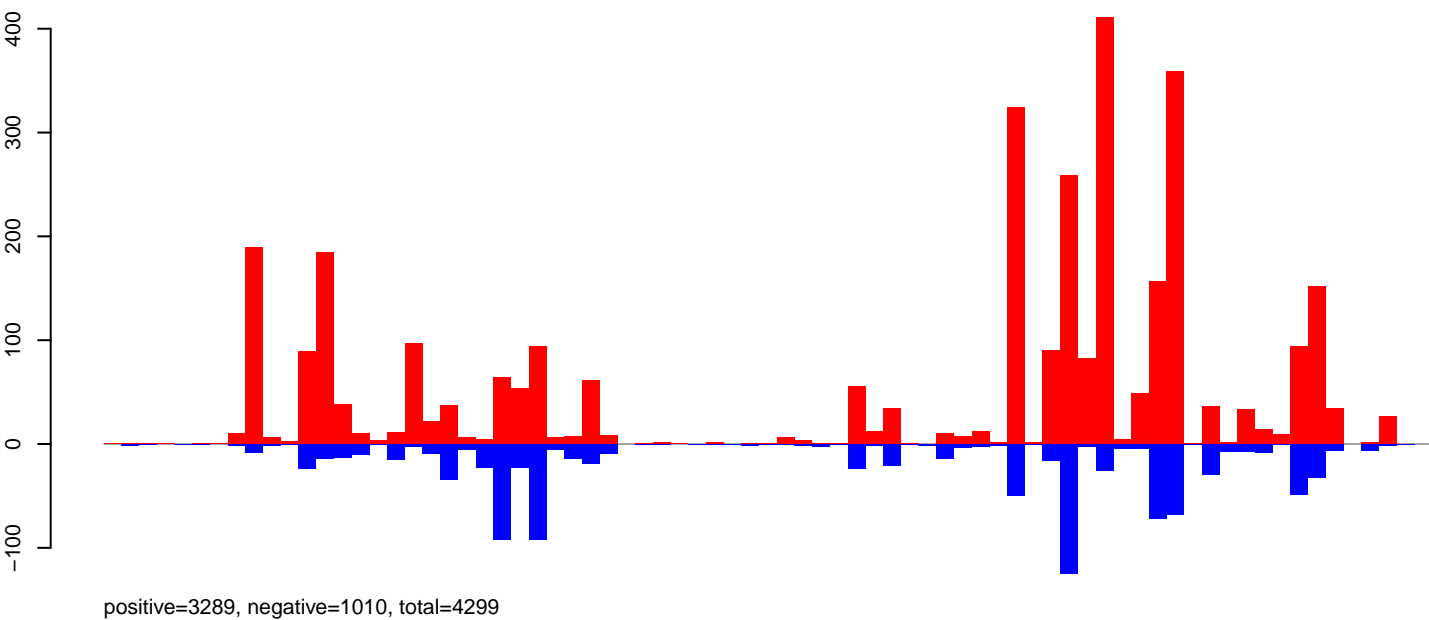


W#6897 size=50, length=4073, Virus@KX603698.1-Aedes albopictus\_densovirus\_5\_strain\_GZ05:1-4073

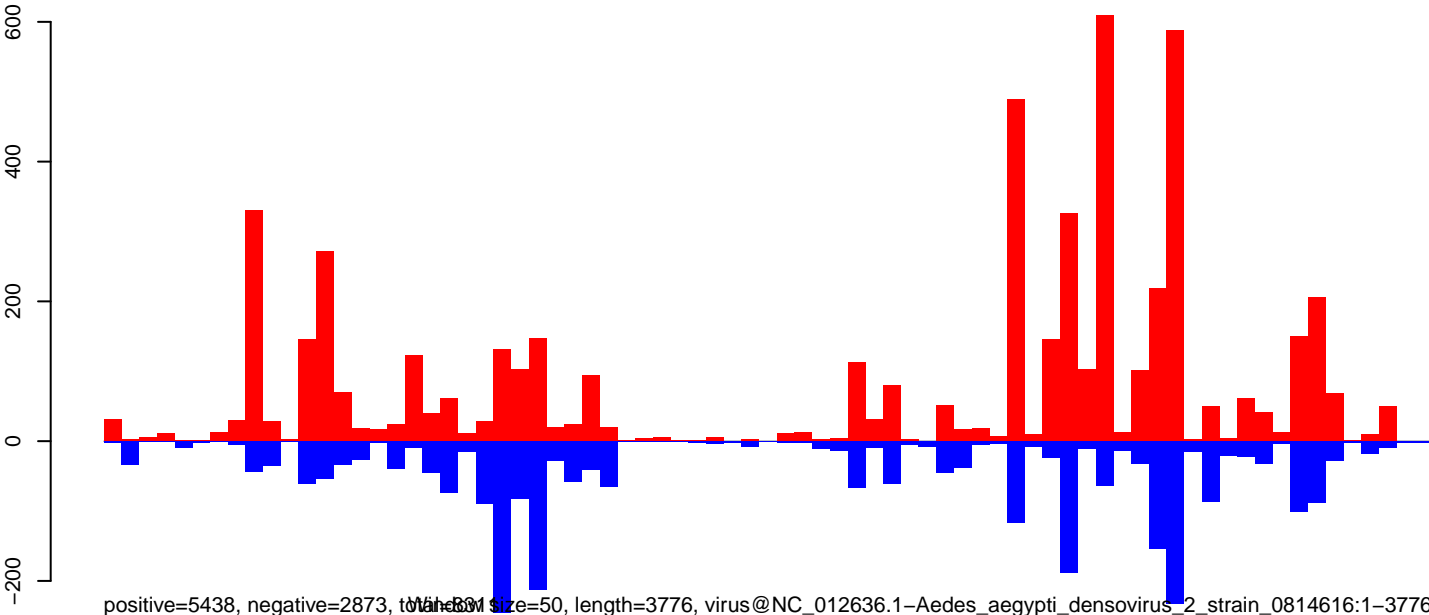
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

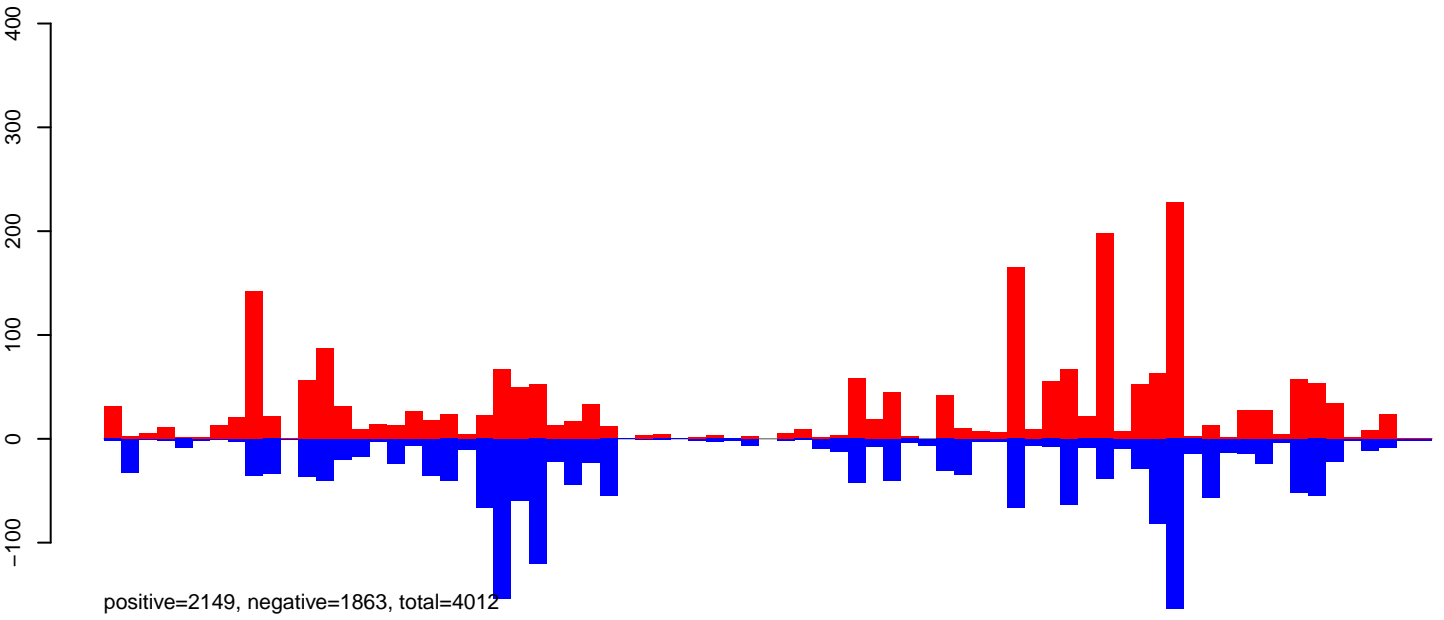


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

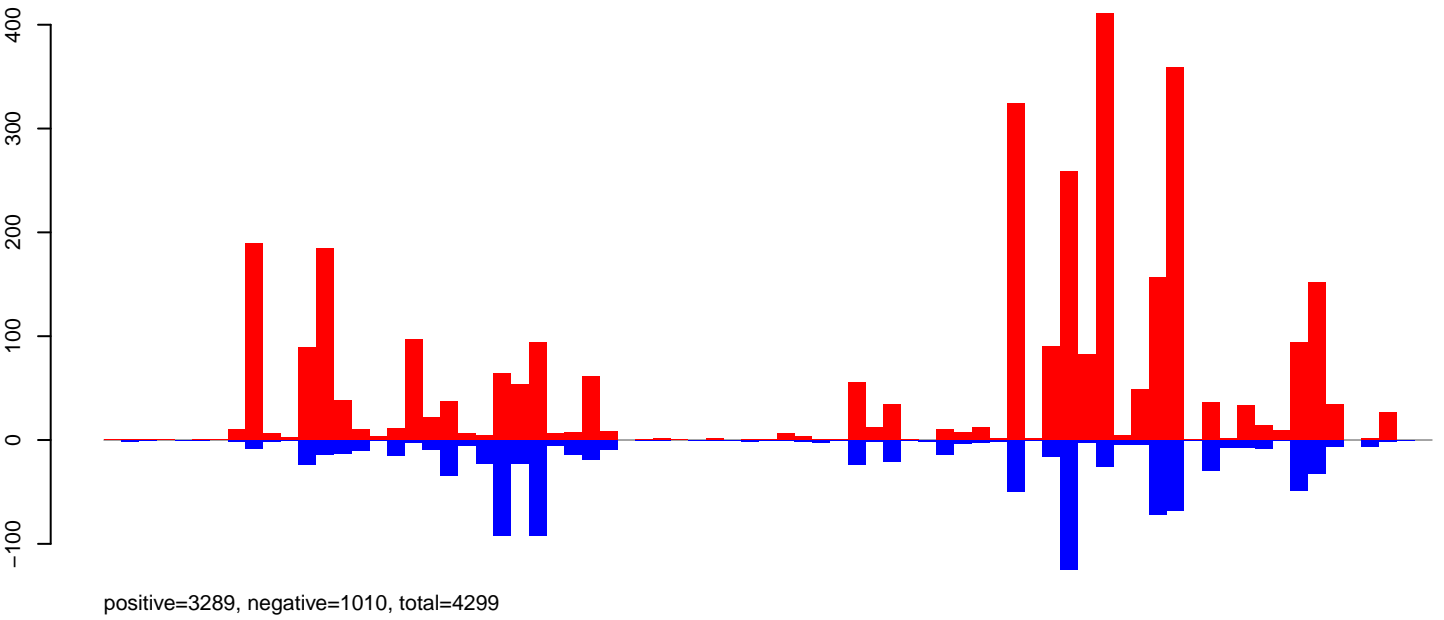


0 1000 2000 3000

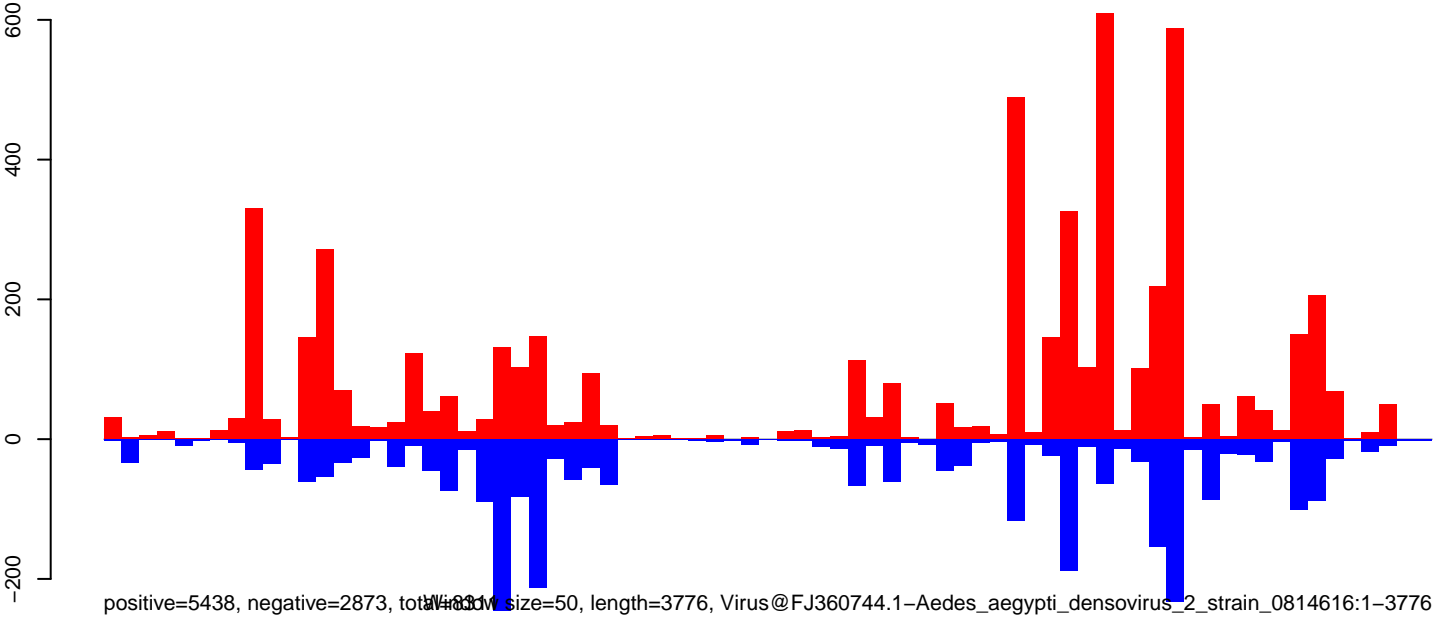
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



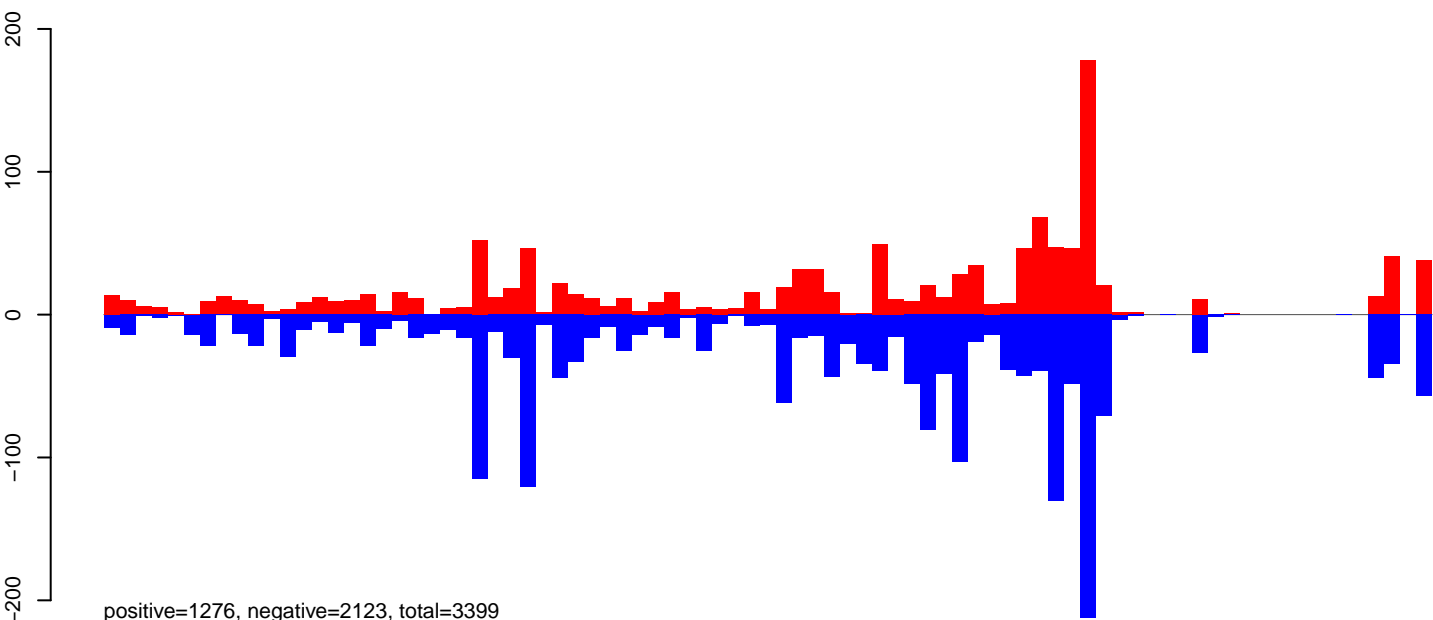
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



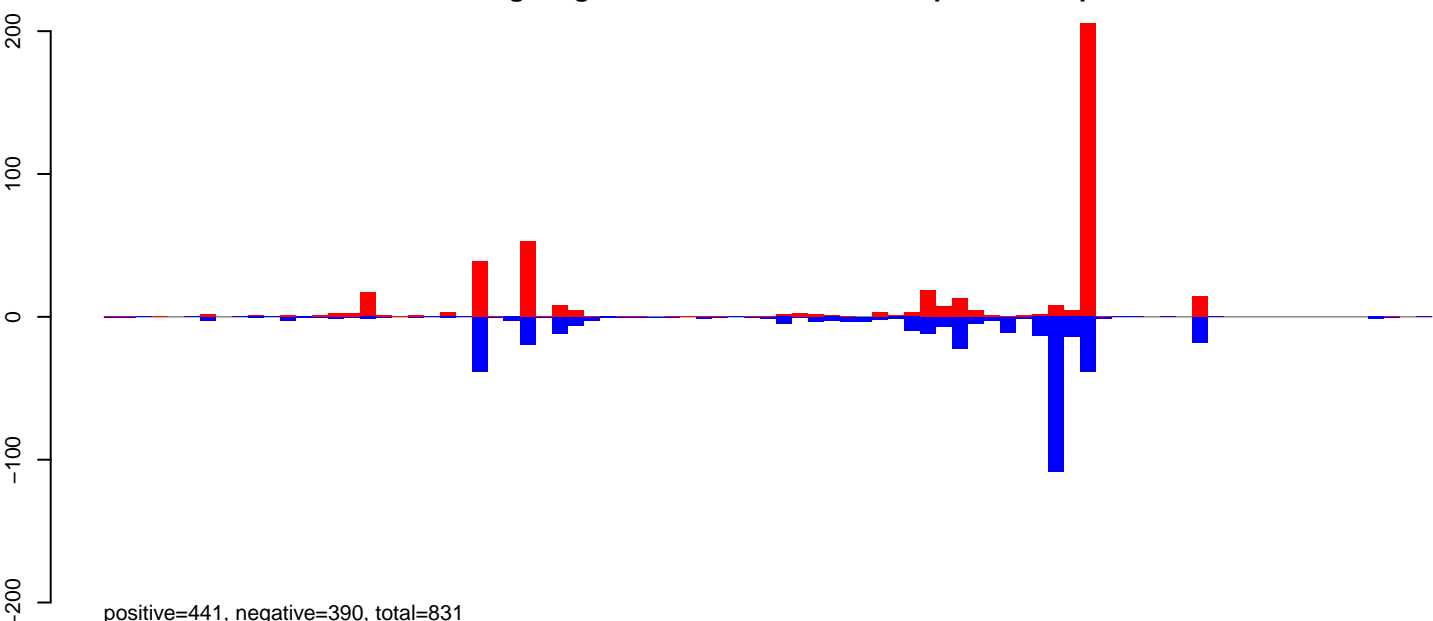
W:50, size=50, length=3776, Virus@FJ360744.1-Aedes\_aegypti\_densovirus\_2\_strain\_0814616:1-3776

0 1000 2000 3000

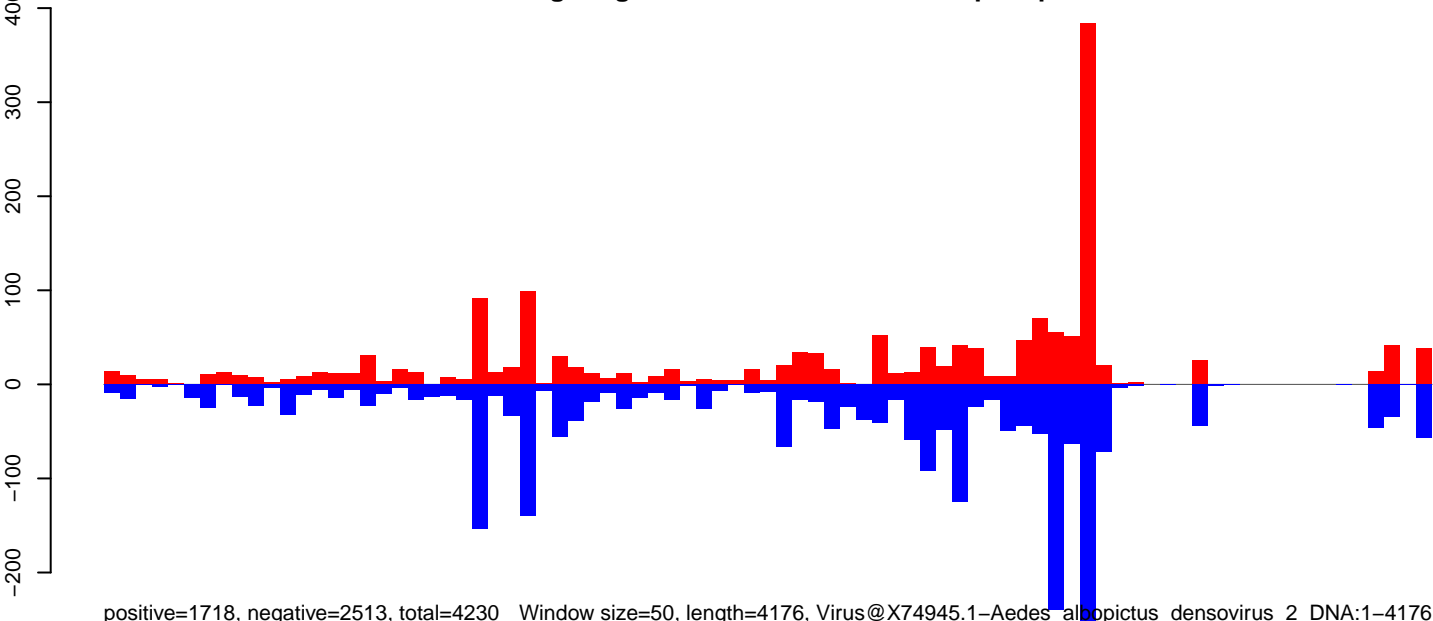
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

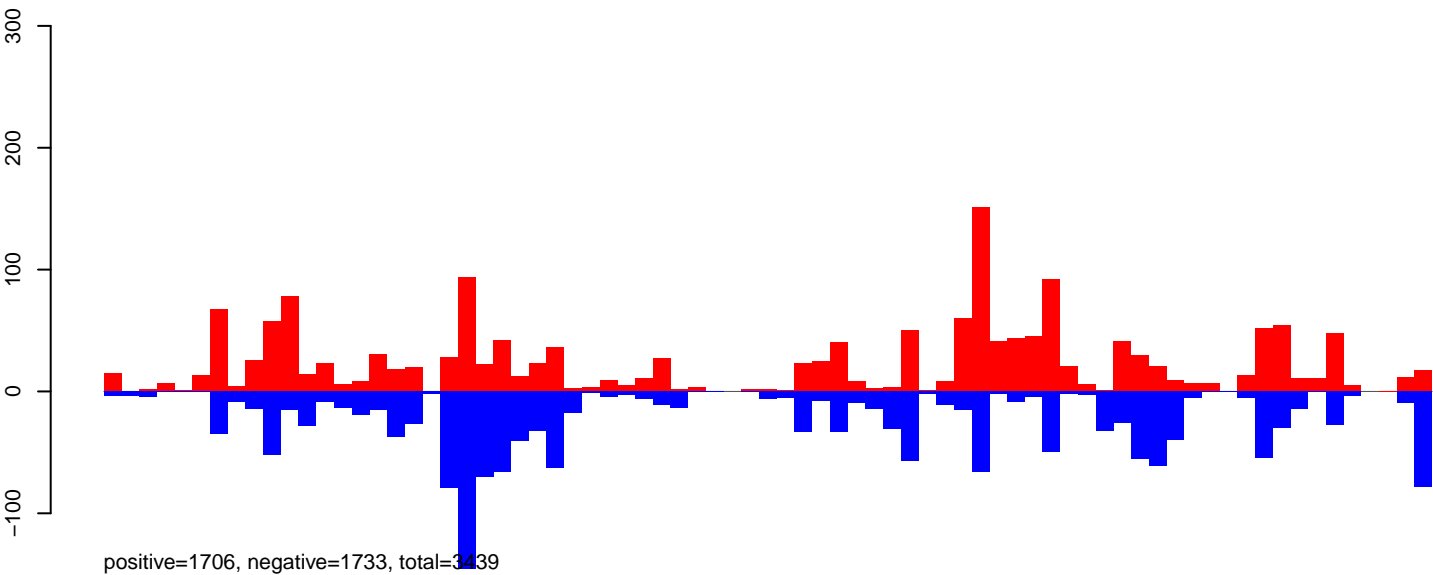


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

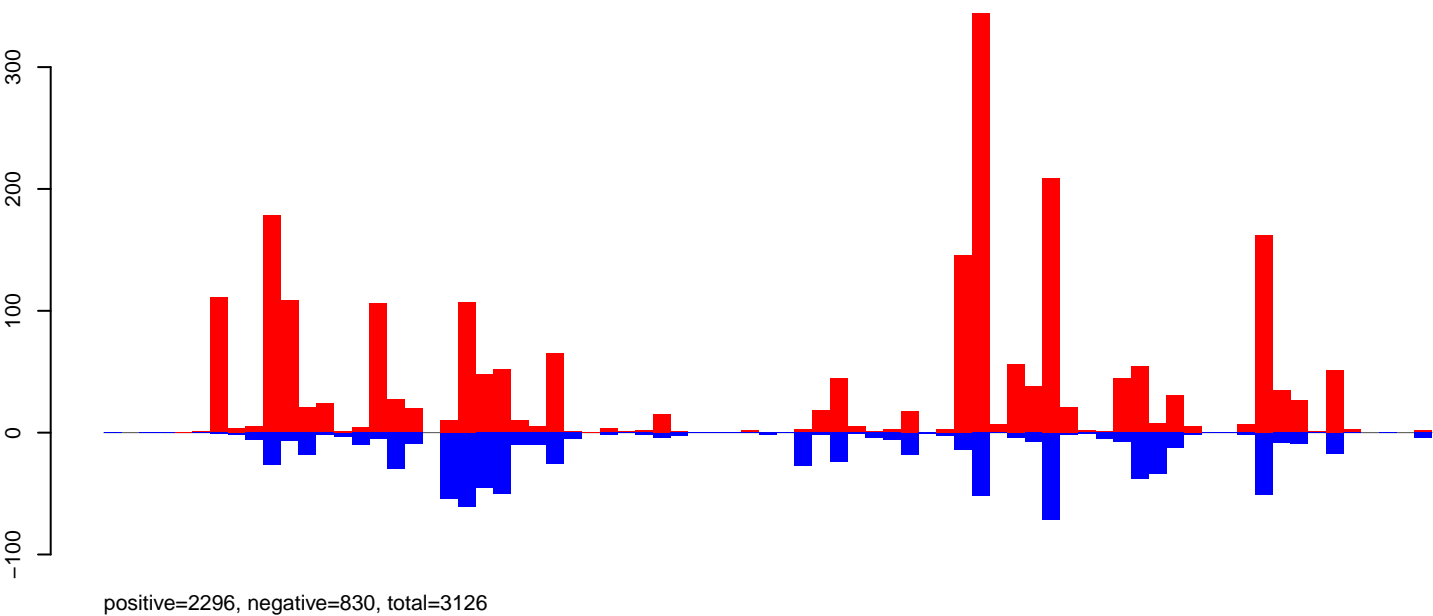


0 1000 2000 3000 4000

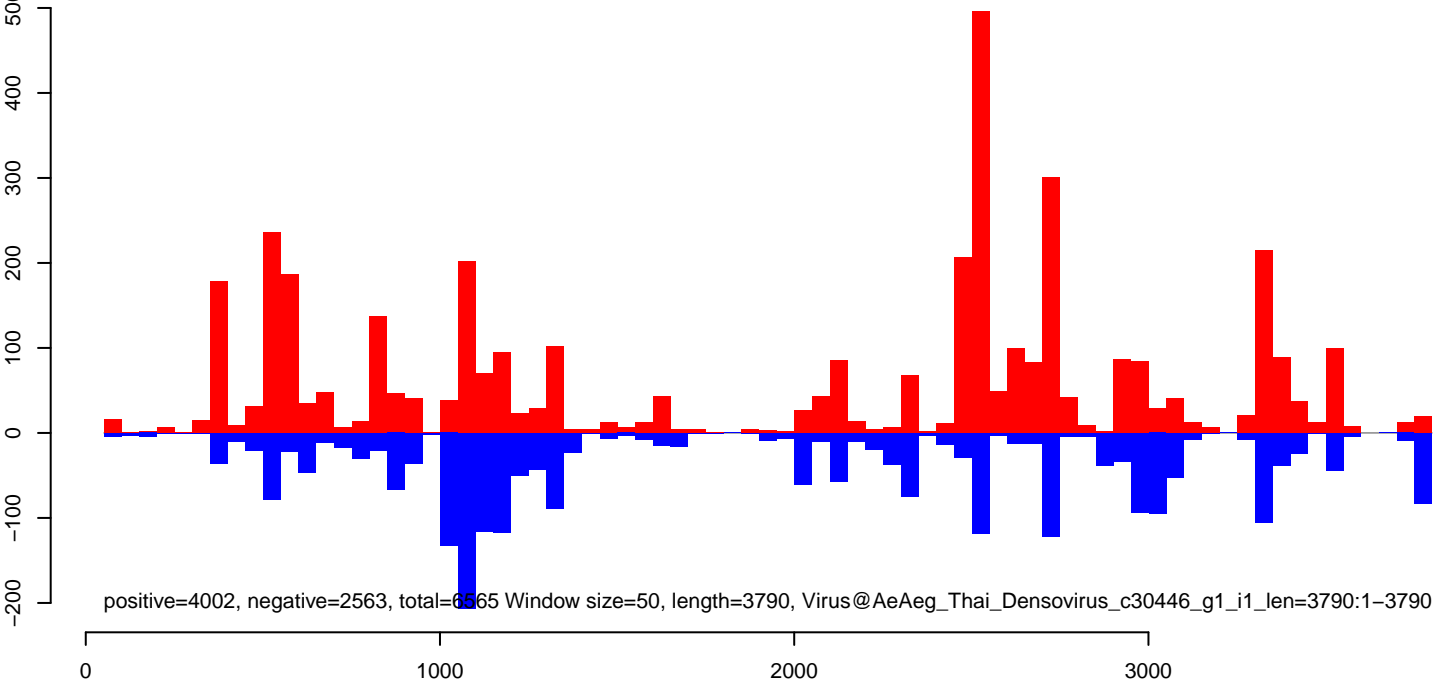
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



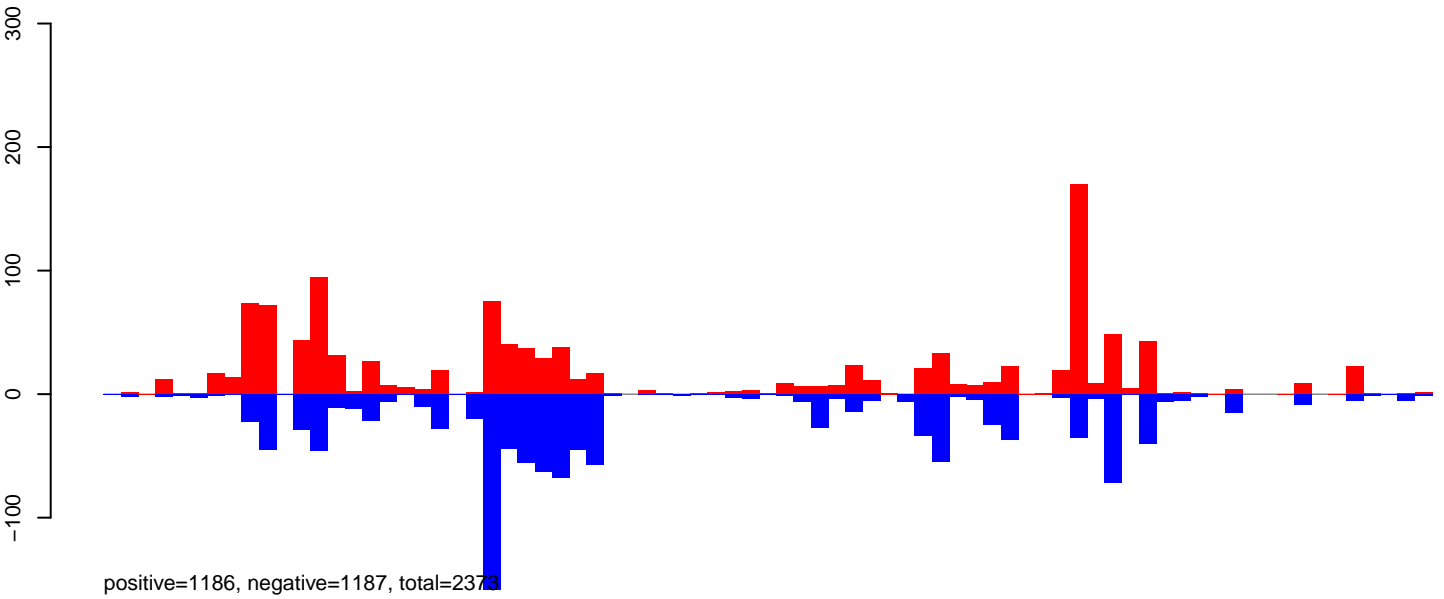
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



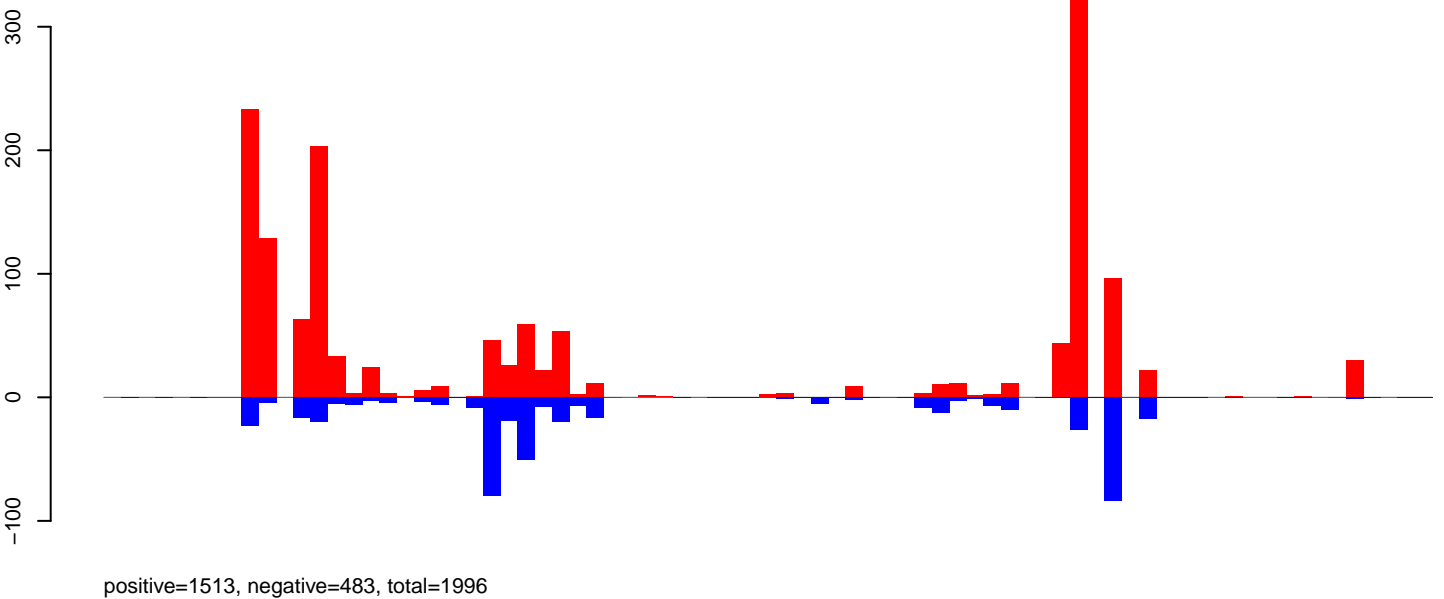
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



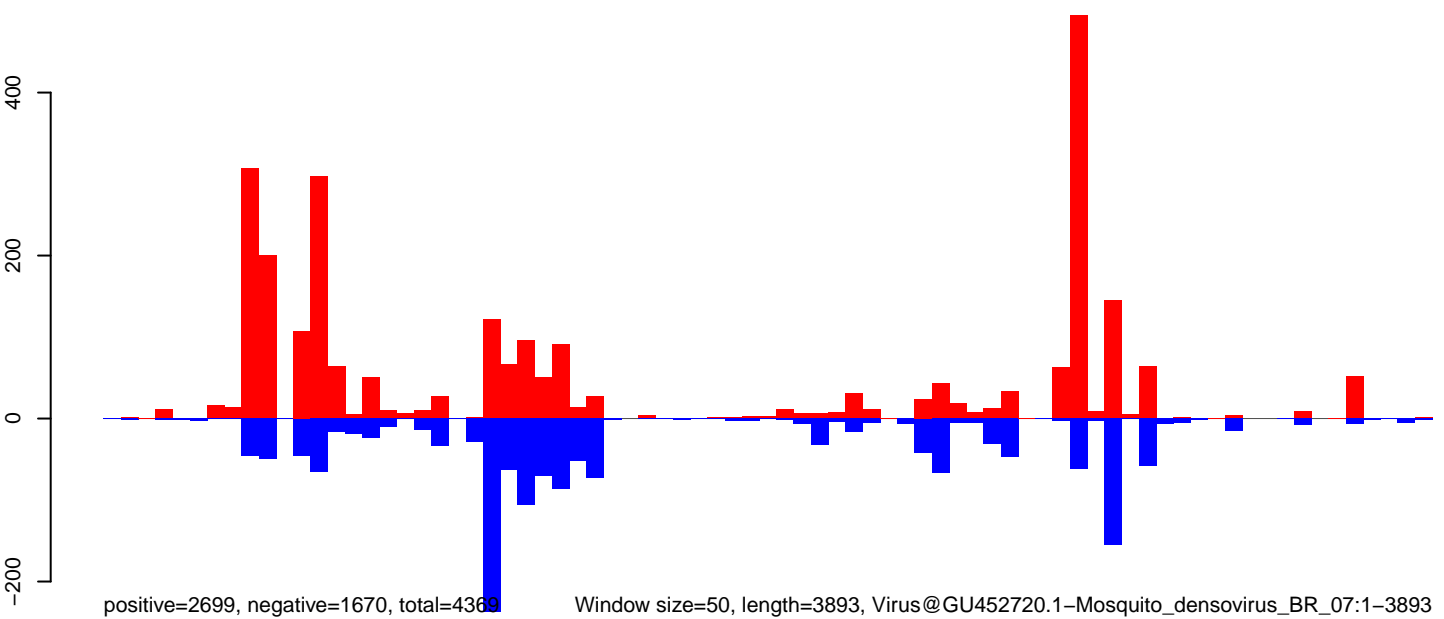
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



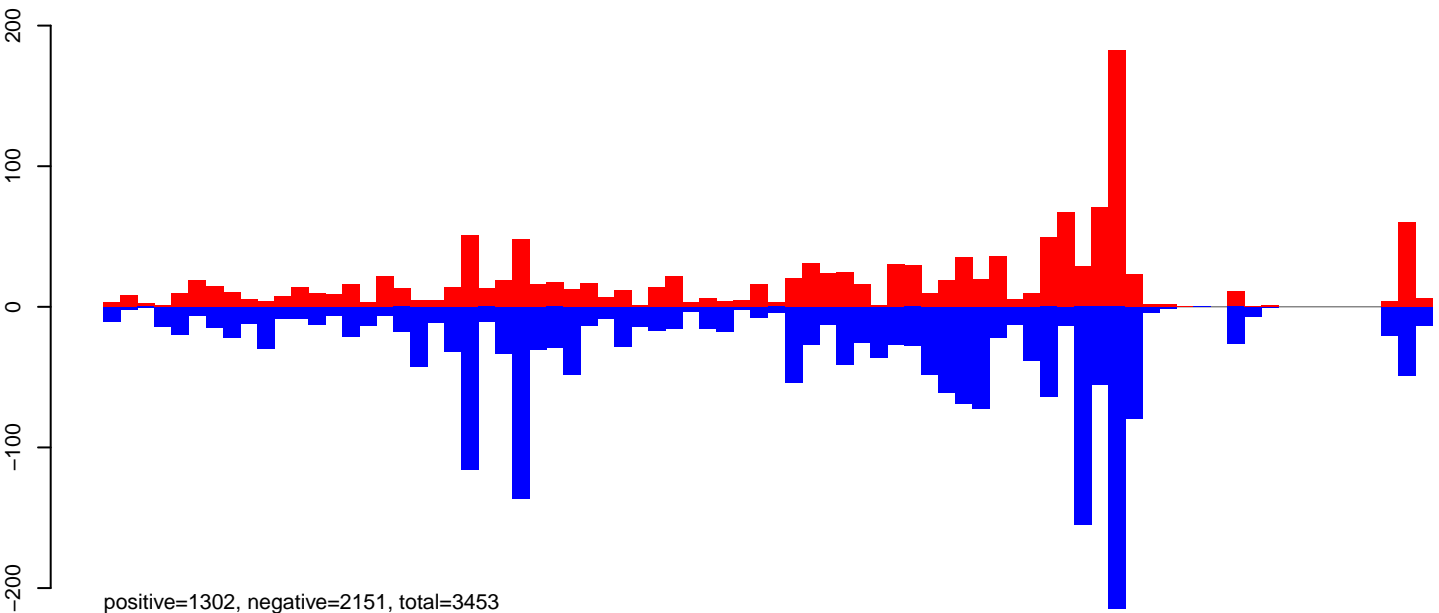
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



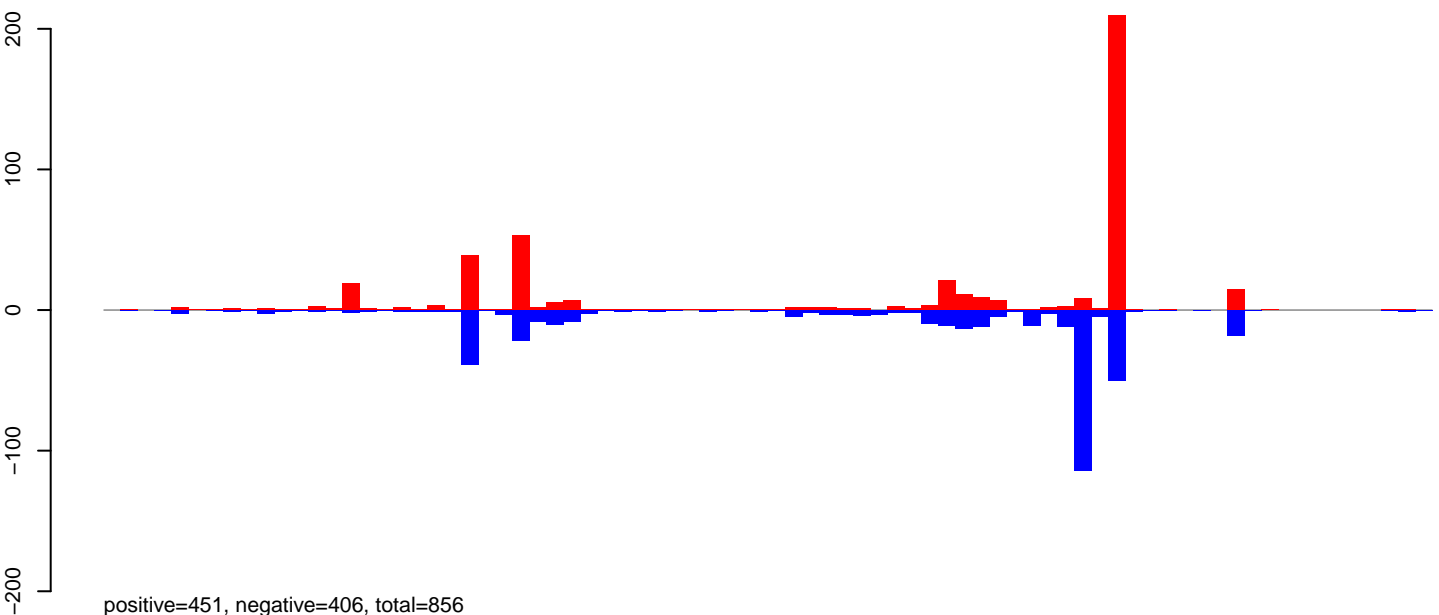
Window size=50, length=3893, Virus@GU452720.1-Mosquito\_densovirus\_BR\_07:1-3893

0 1000 2000 3000 4000

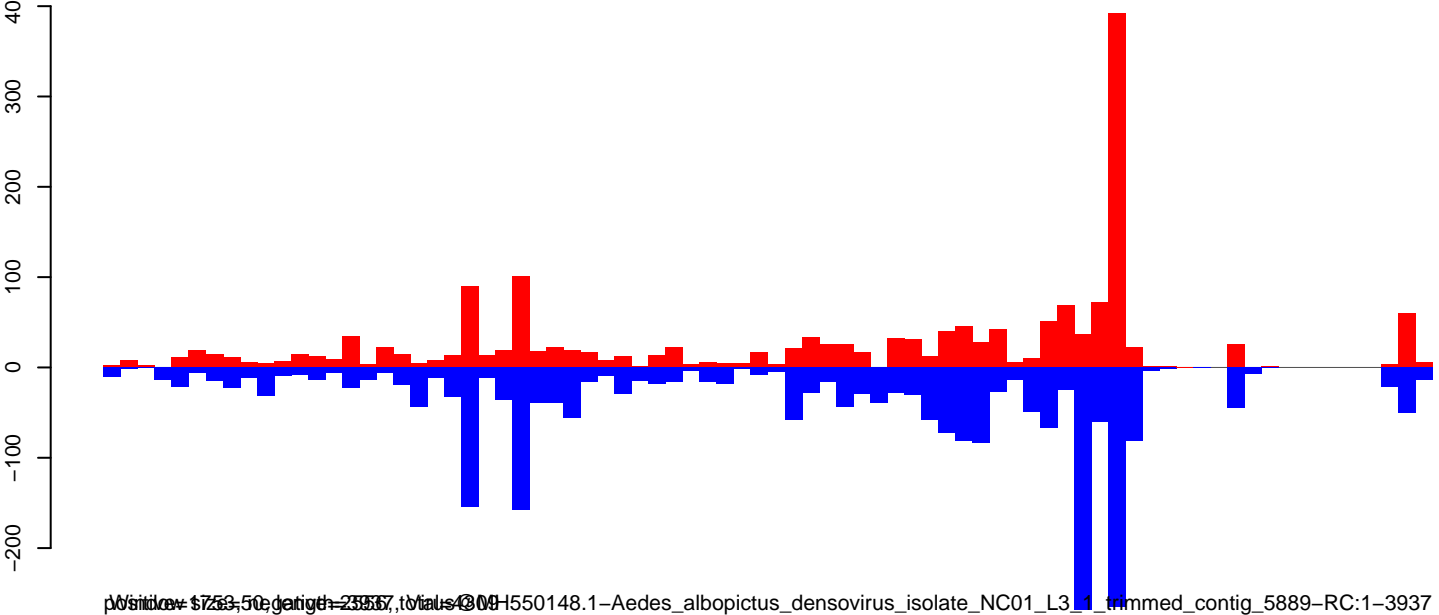
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep

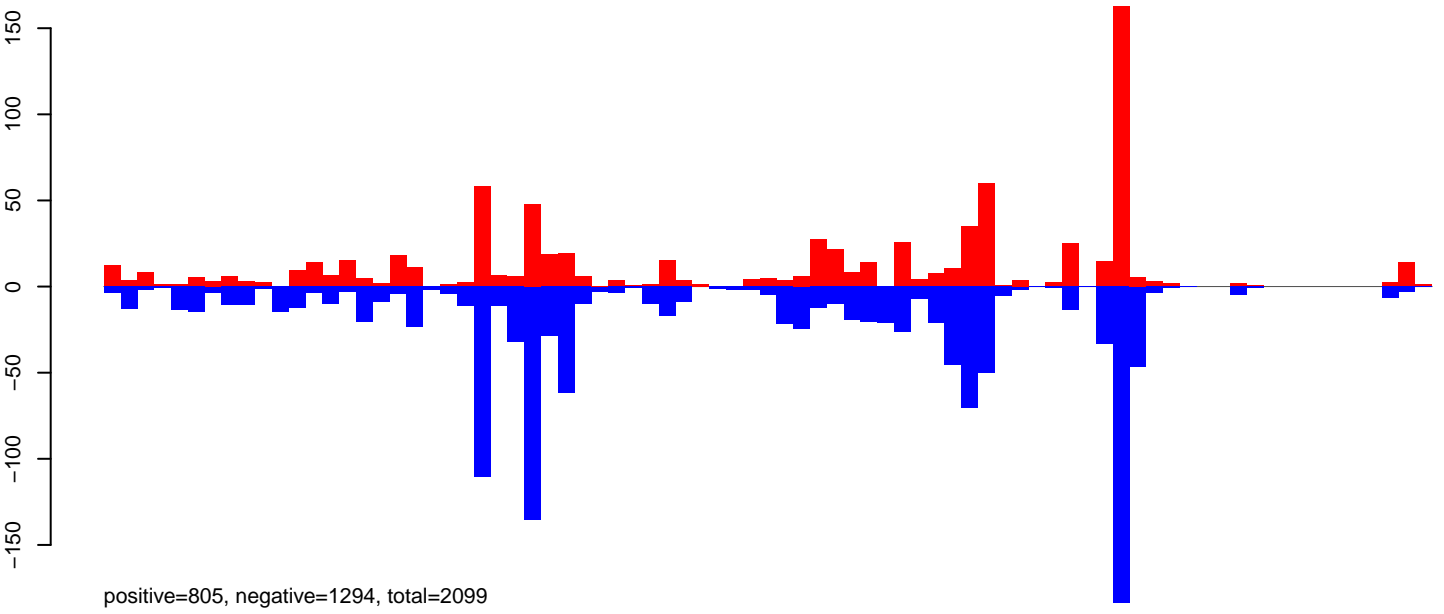


AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep

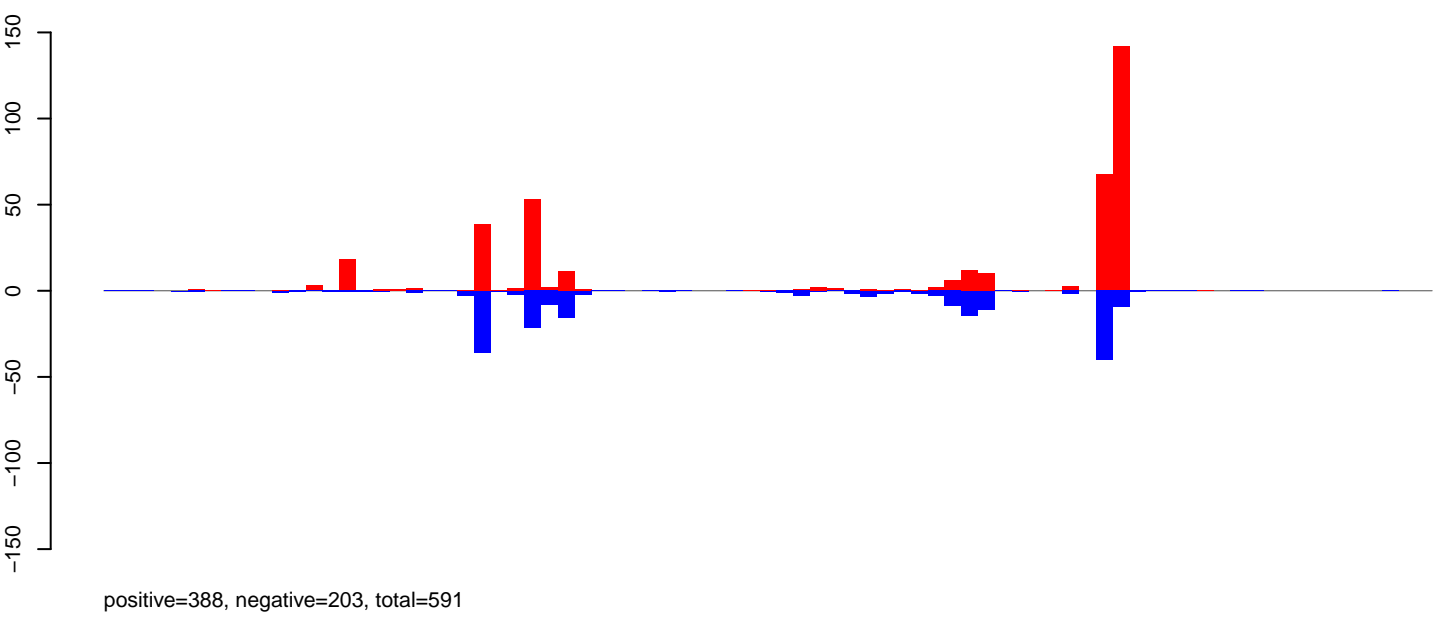


0 1000 2000 3000 4000

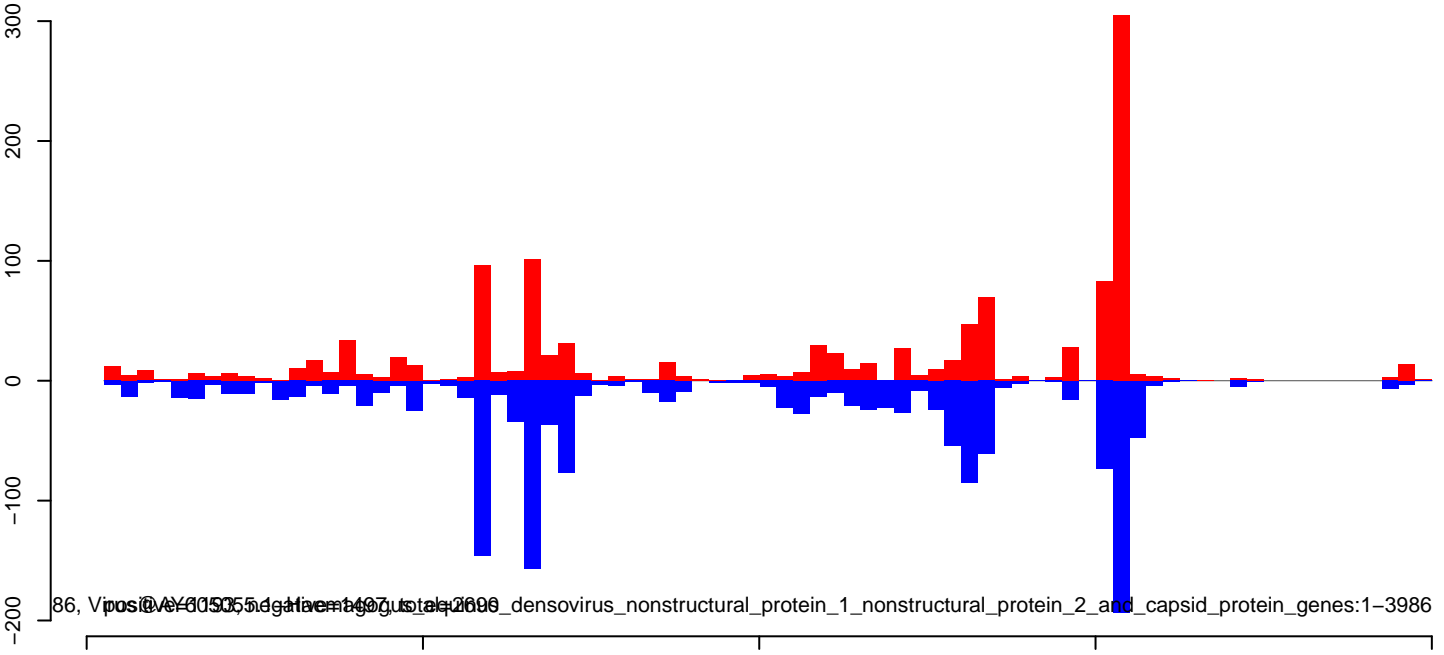
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

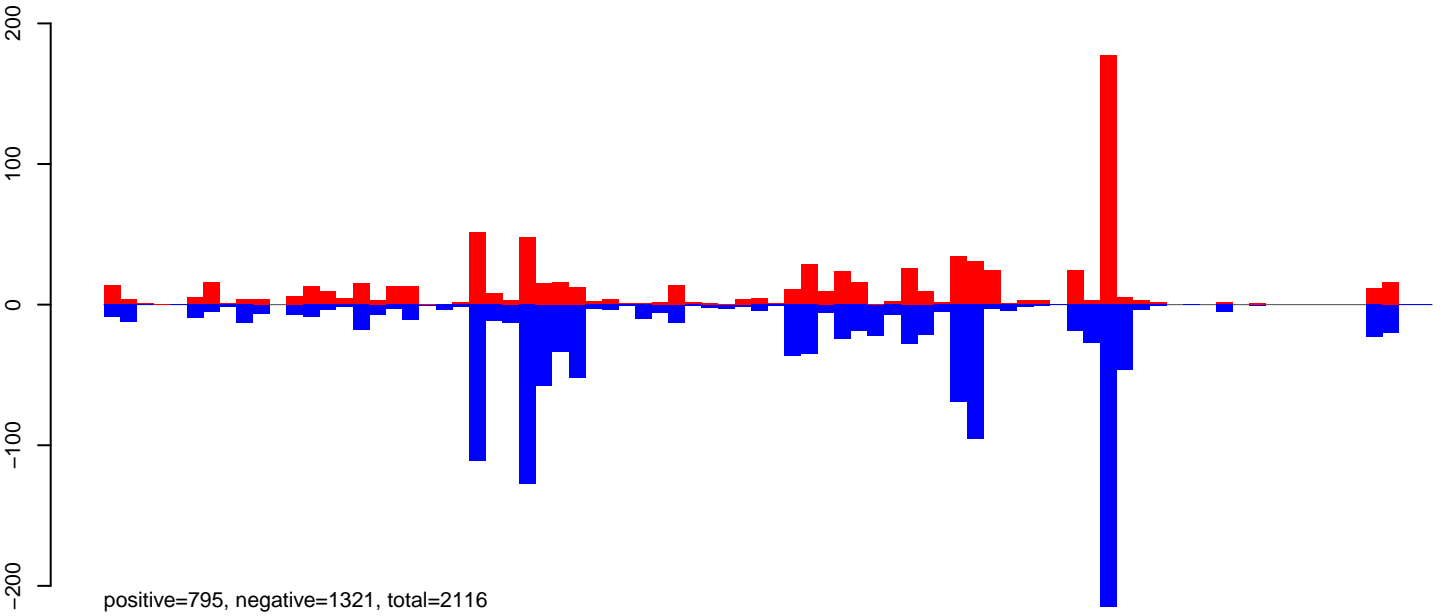


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

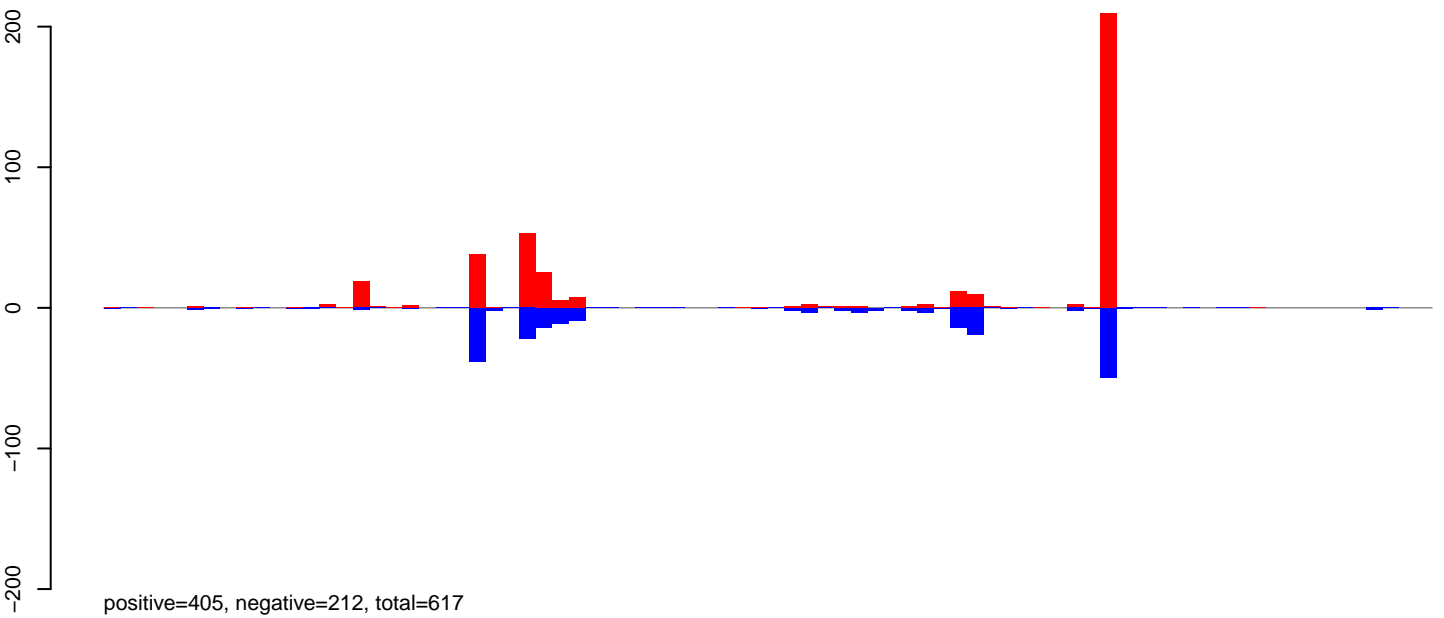




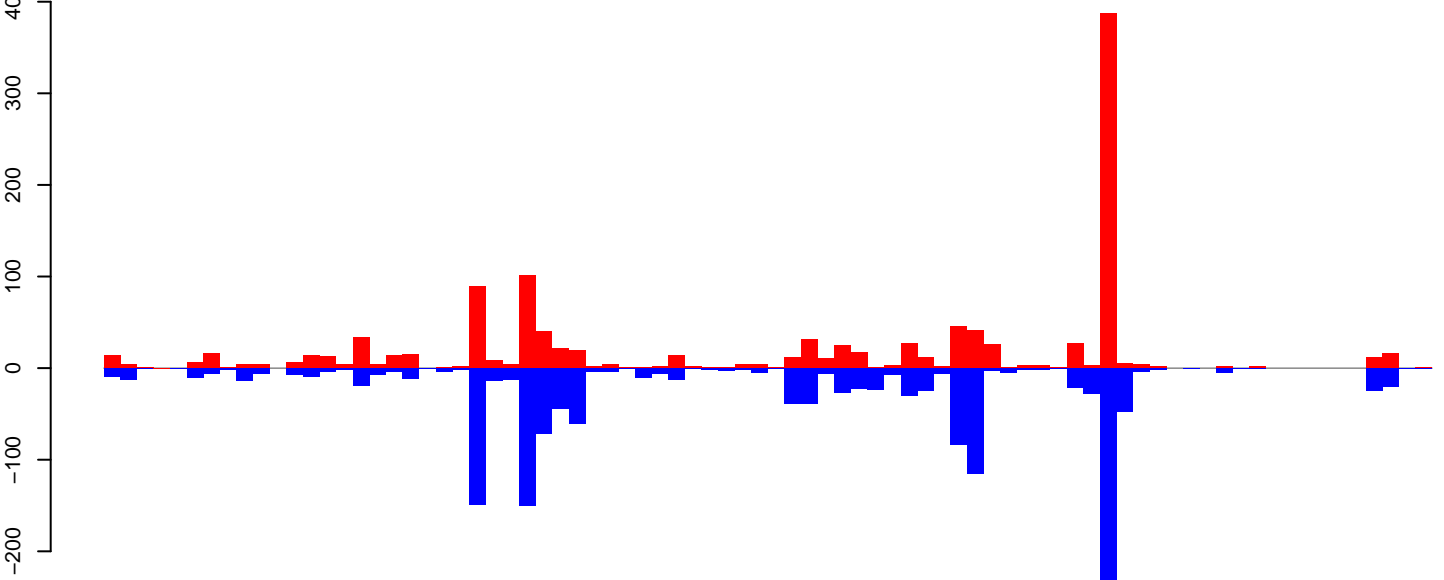
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



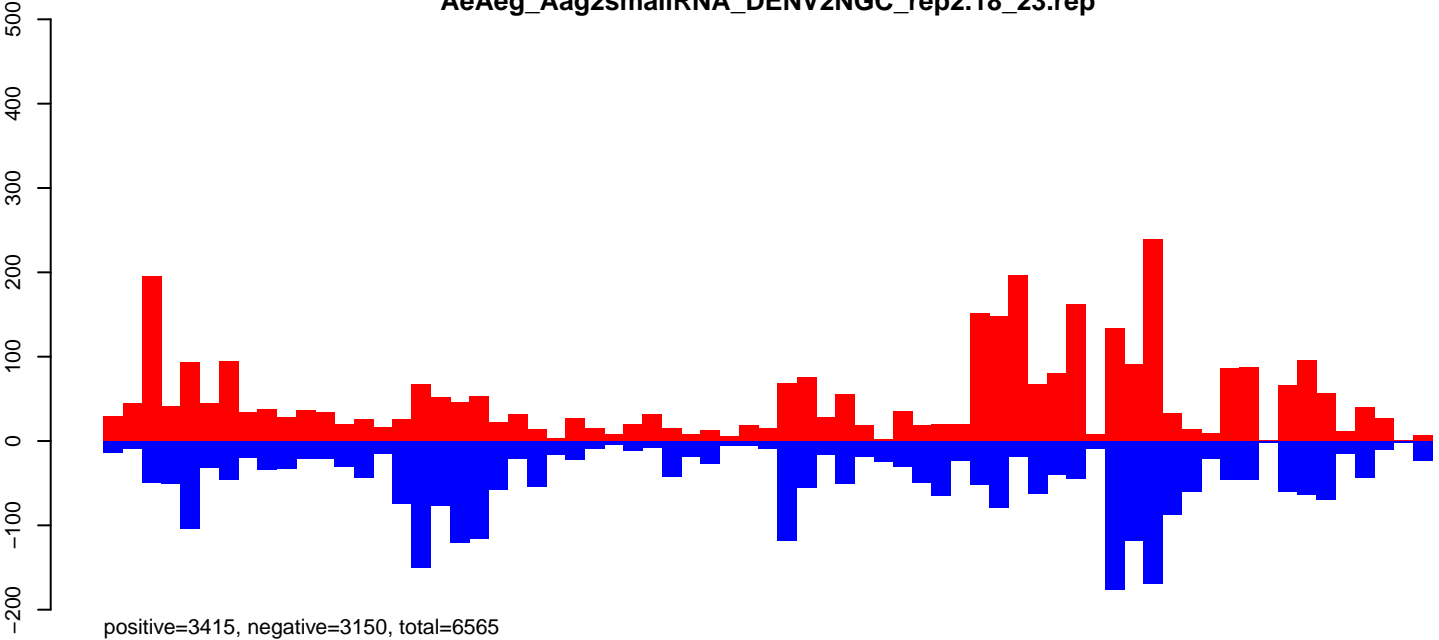
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



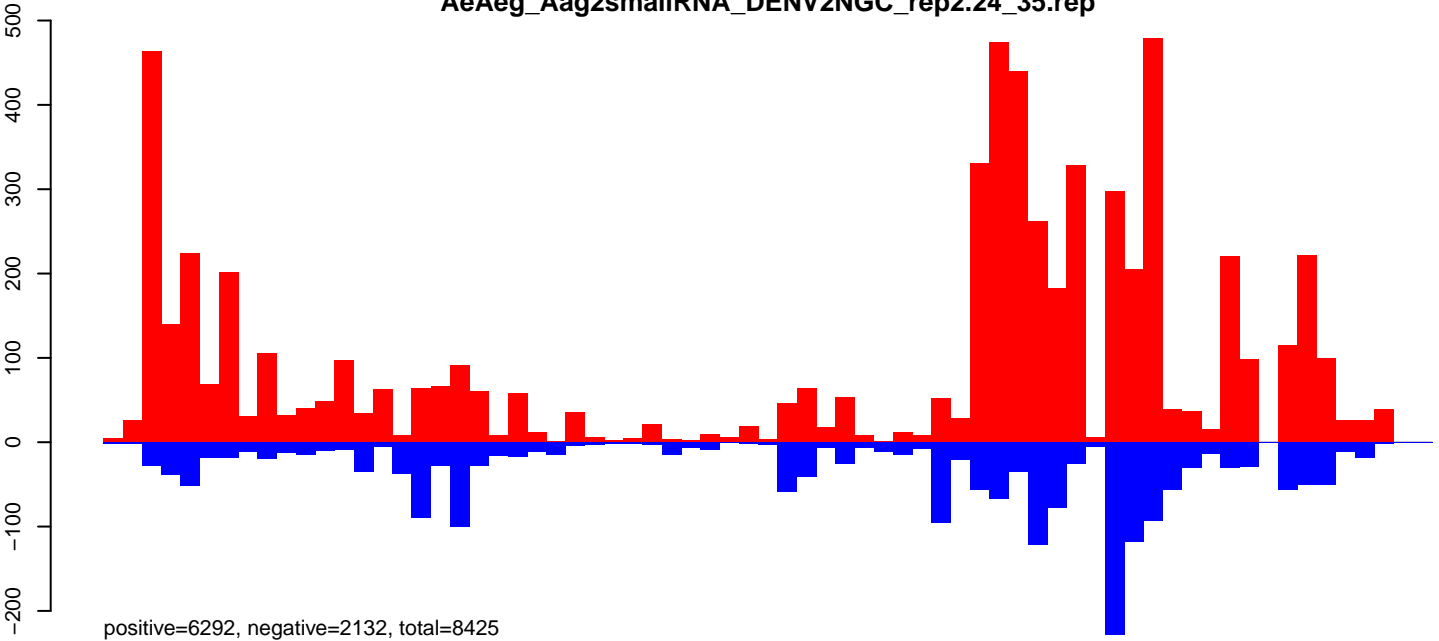
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



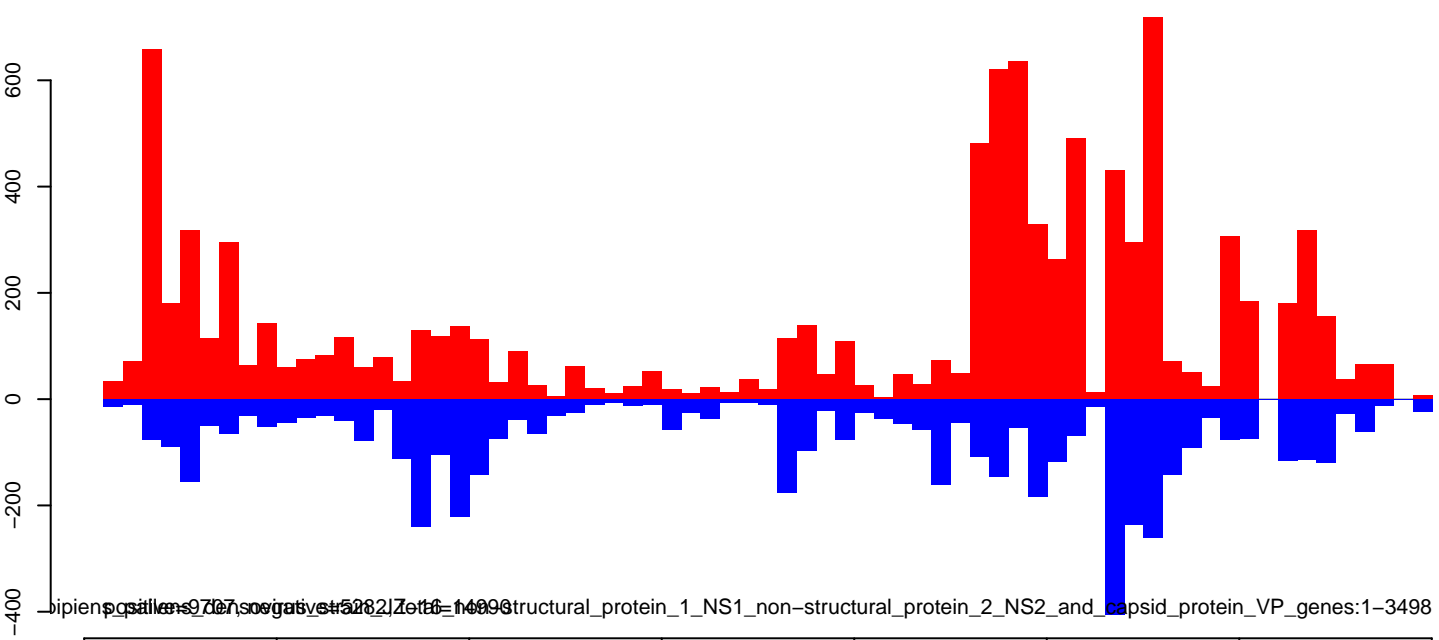
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



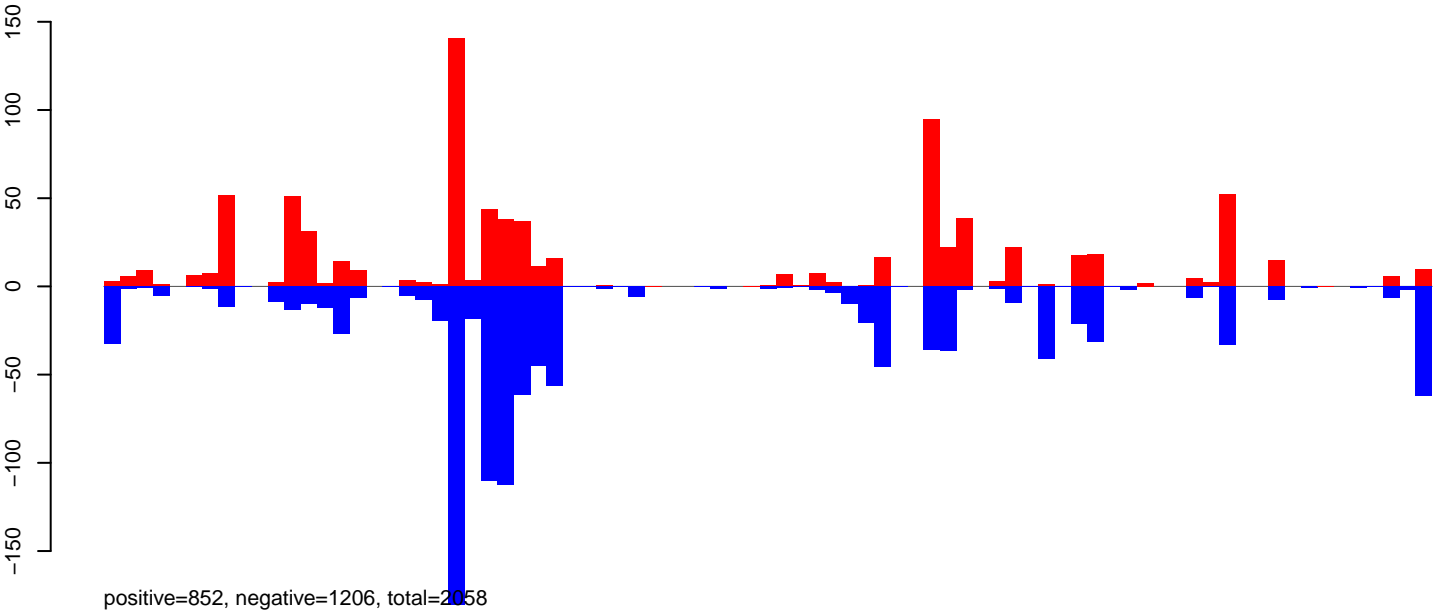
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



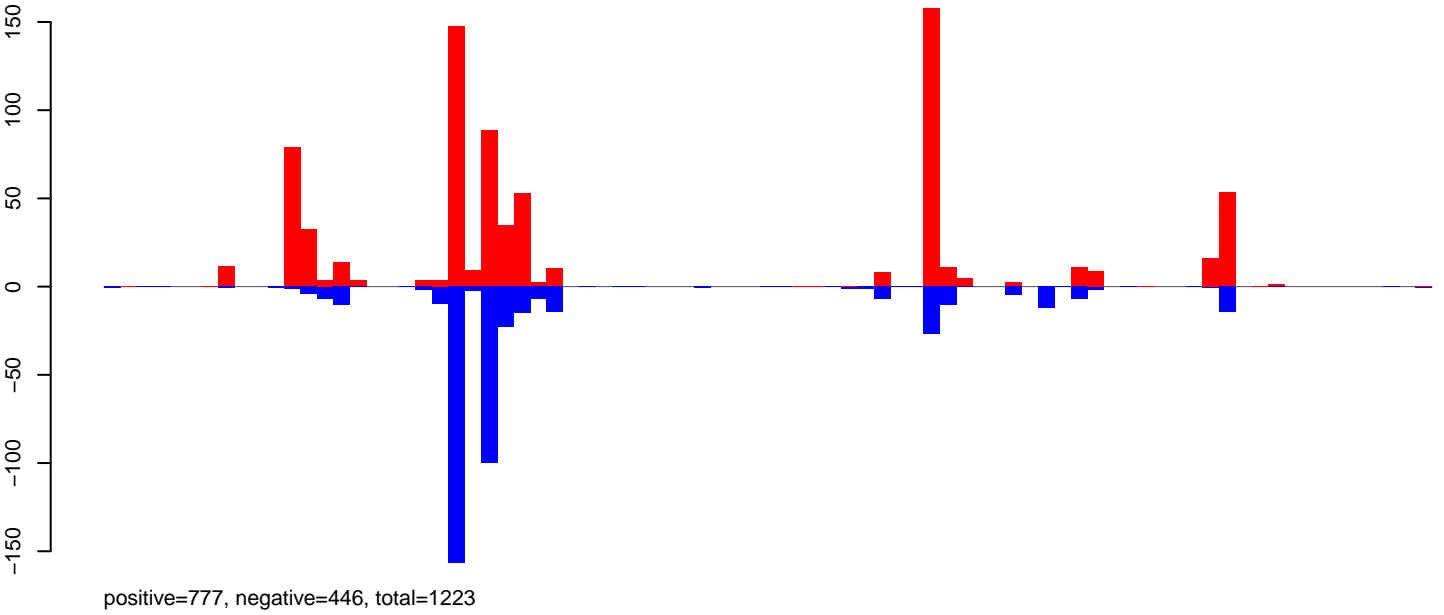
ipiensis\_9777, structural\_protein\_1\_NS1\_non-structural\_protein\_2\_NS2\_and\_capsid\_protein\_VP\_genes:1-3498

0 500 1000 1500 2000 2500 3000 3500

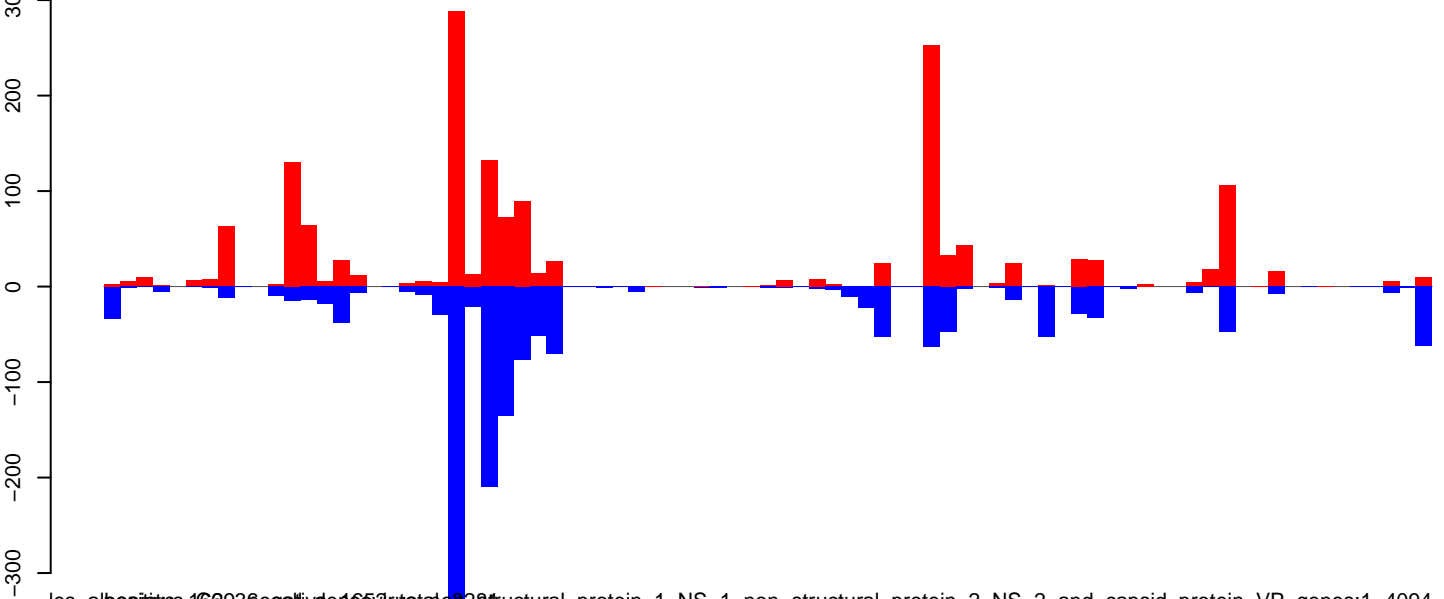
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



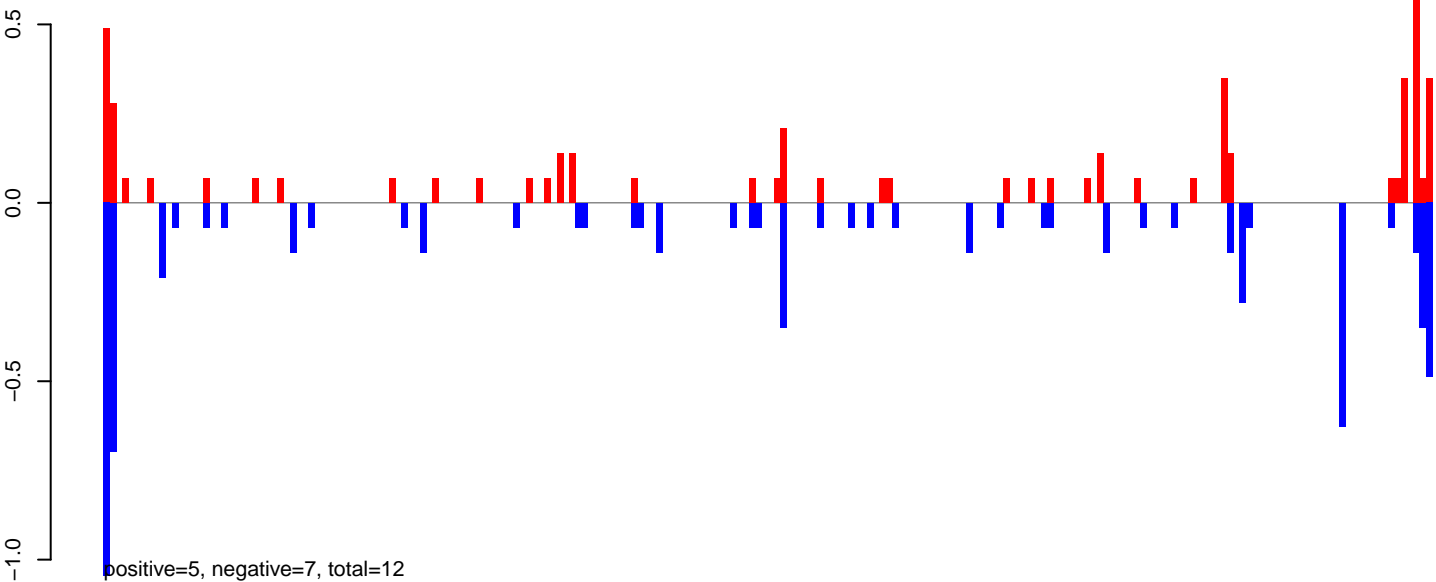
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



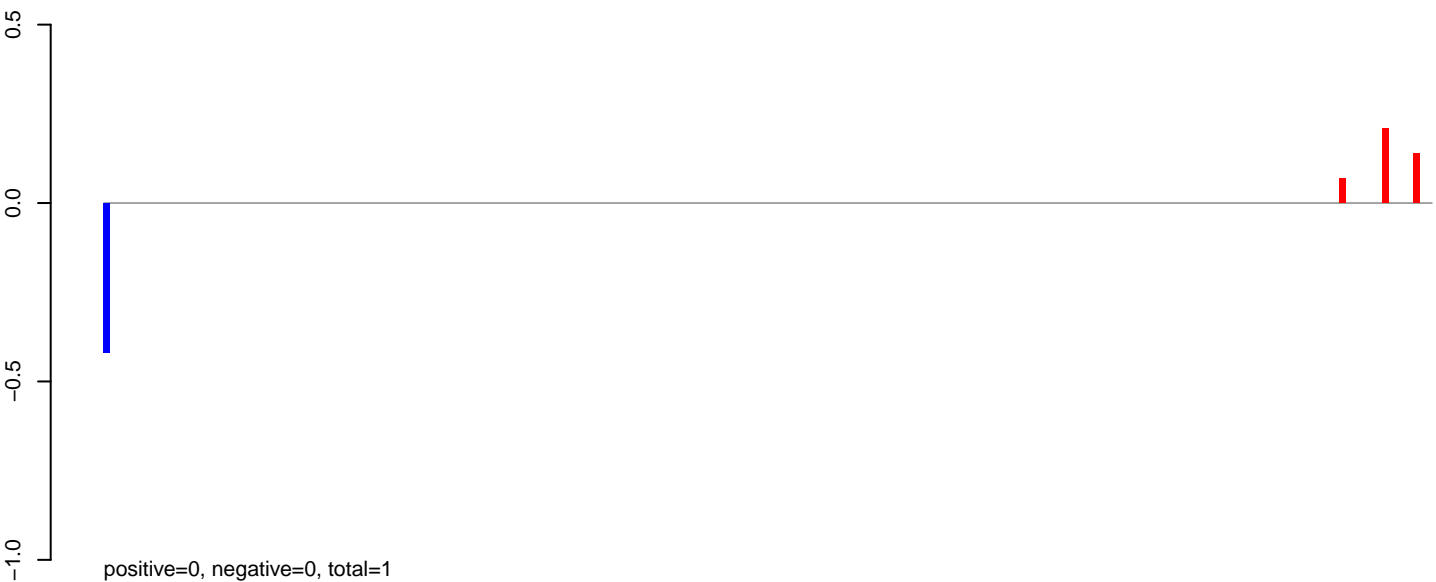
les\_alphavirus\_162936.gene.1652.16281 structural\_protein\_1\_NS-1\_non-structural\_protein\_2\_NS-2\_and\_capsid\_protein\_VP\_genes:1-4094

0 1000 2000 3000 4000

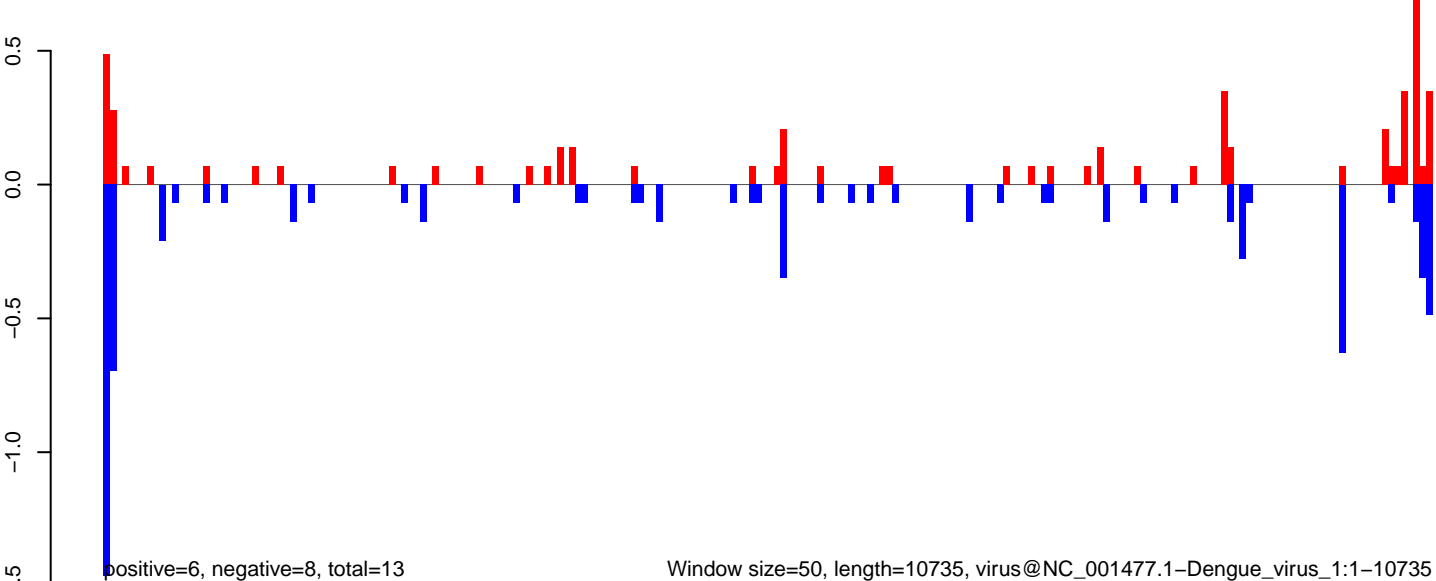
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



positive=2, negative=86, total=88

AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



positive=4, negative=738, total=742

AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep

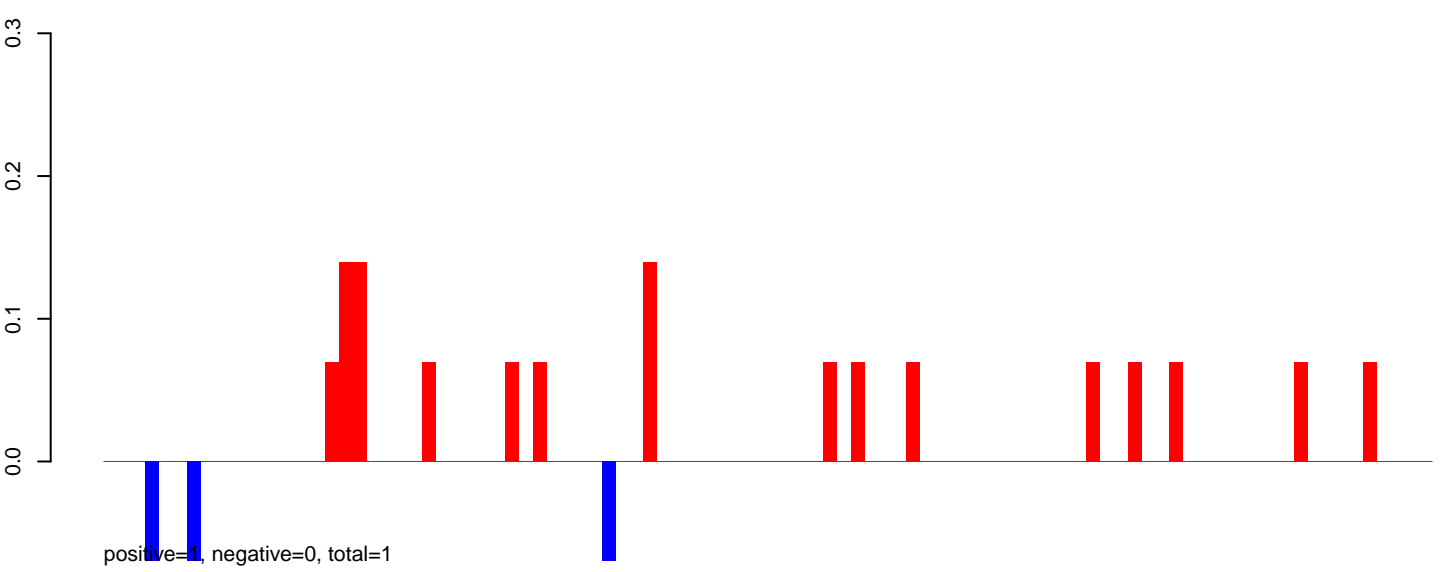


positive=6, negative=824, total=830

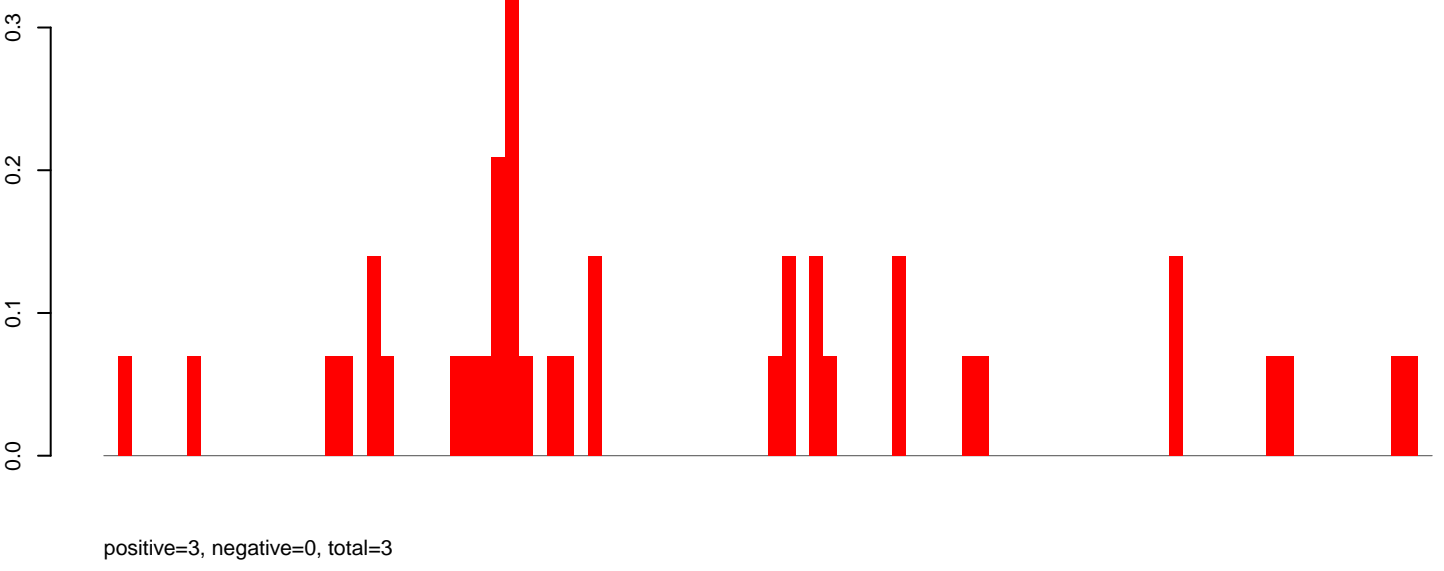
Window size=50, length=2965, virus@AY347953.2-Aedes\_aegypti\_genomic\_sequence:1-2965

0 500 1000 1500 2000 2500 3000

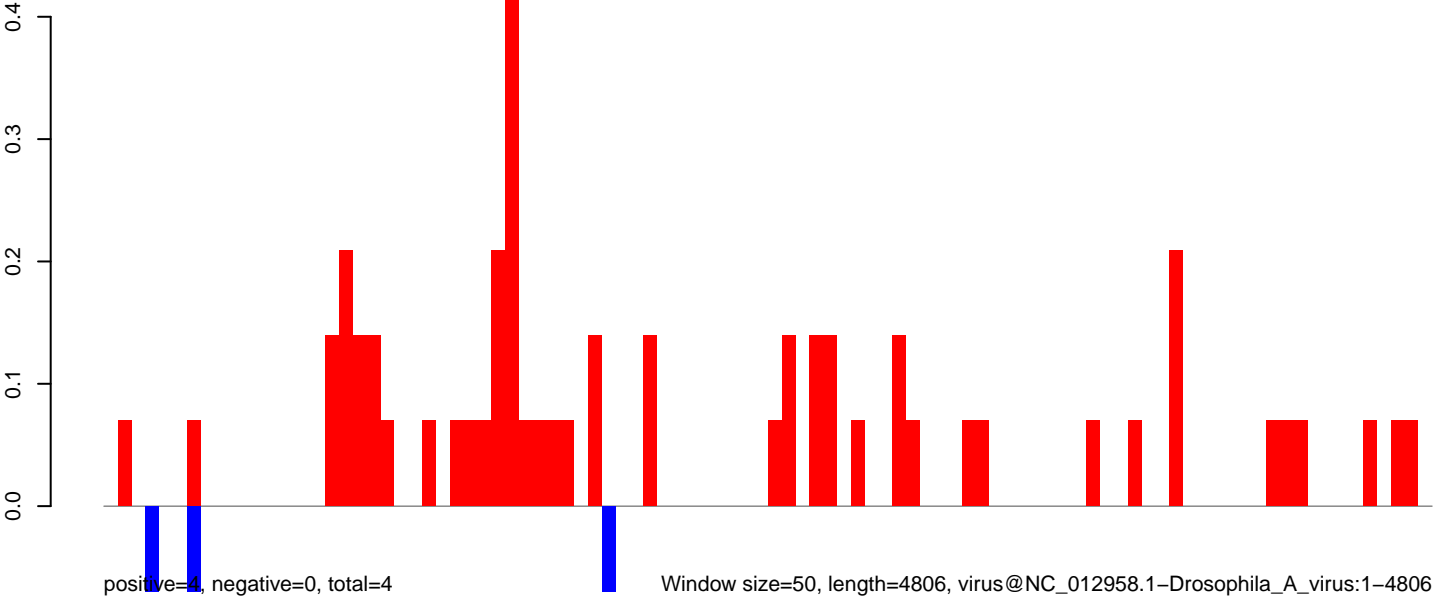
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep

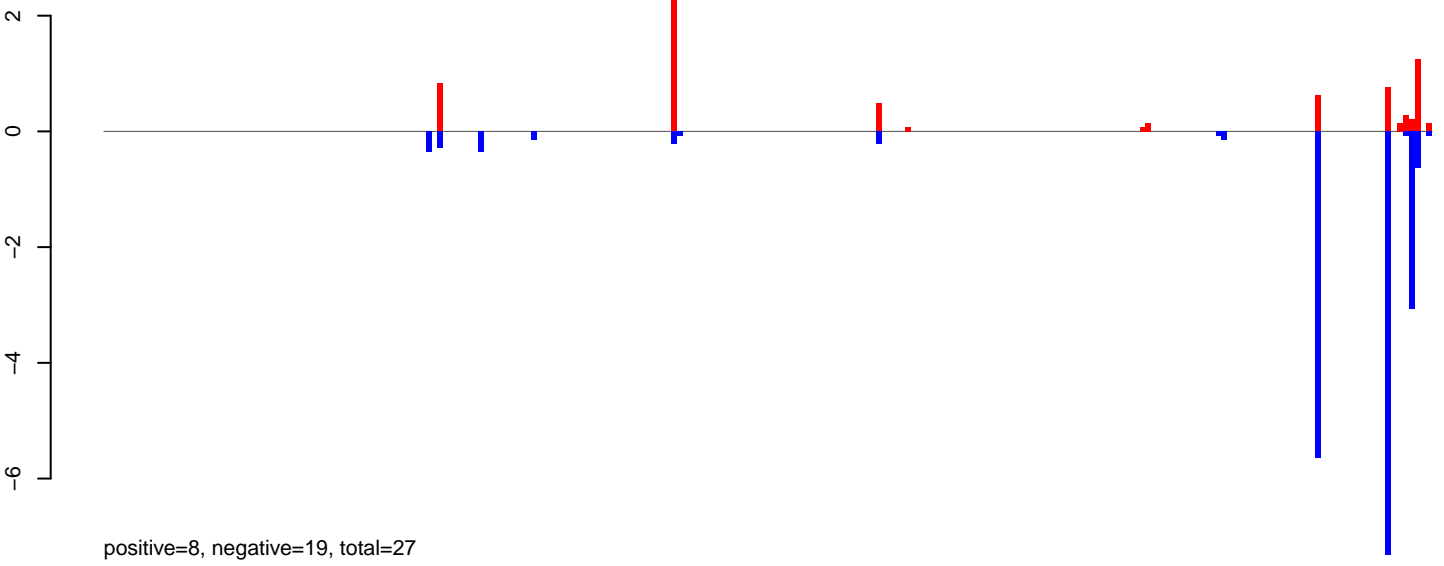


AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep

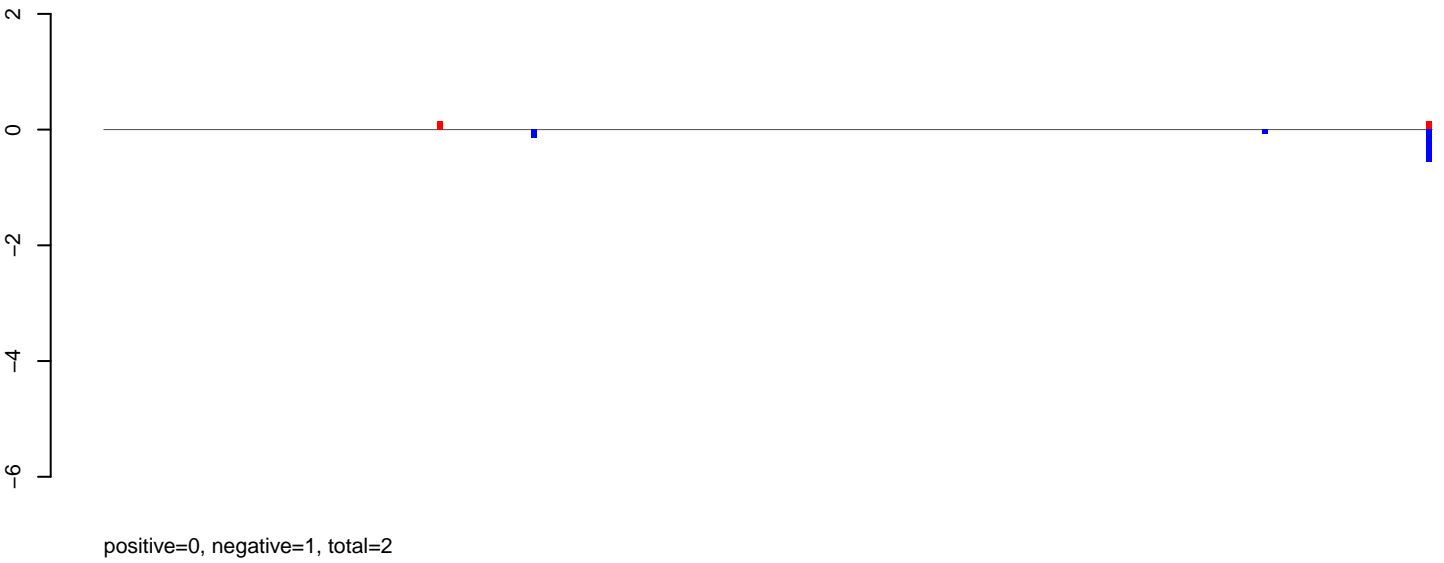


0 1000 2000 3000 4000 5000

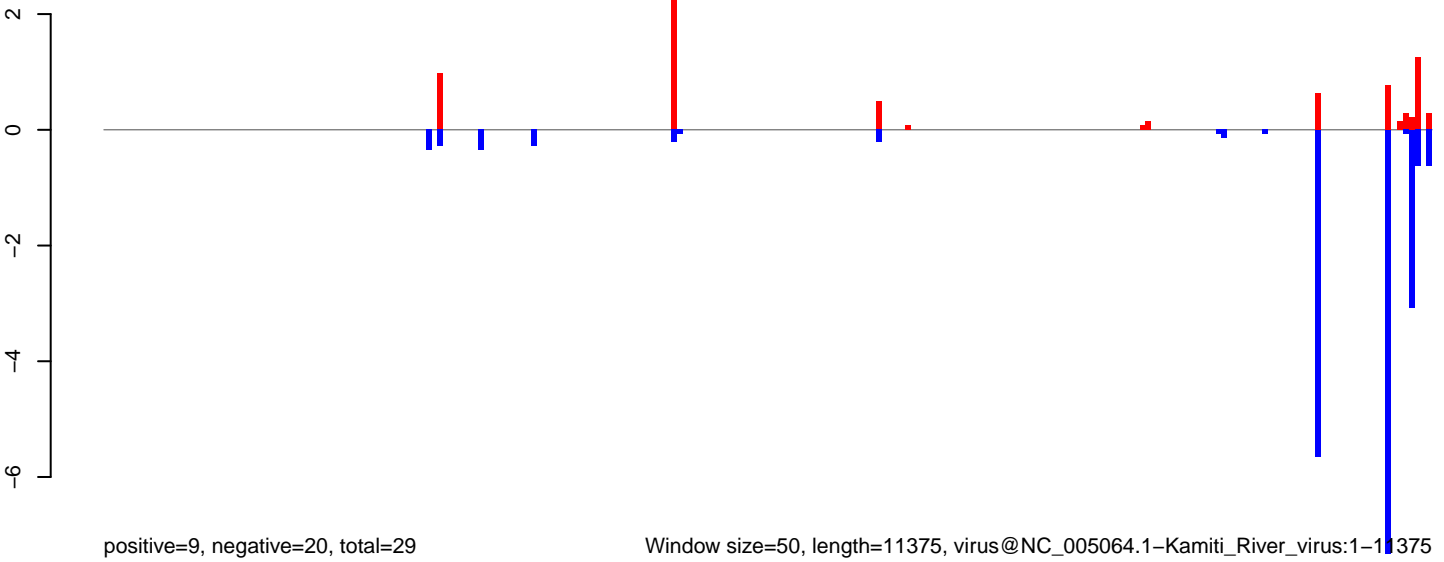
**AeAeg\_Aag2smallIRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV2NGC\_rep2.24\_35.rep**

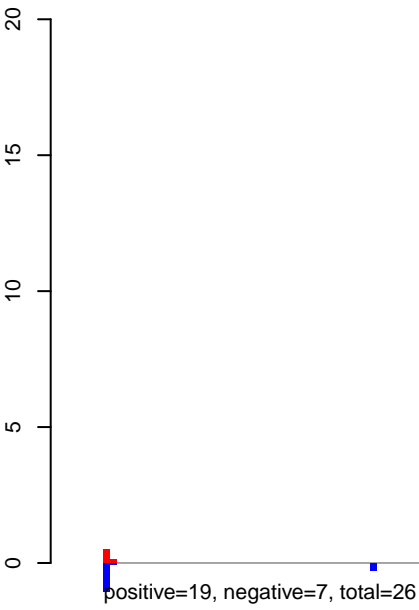


**AeAeg\_Aag2smallIRNA\_DENV2NGC\_rep2.rep**

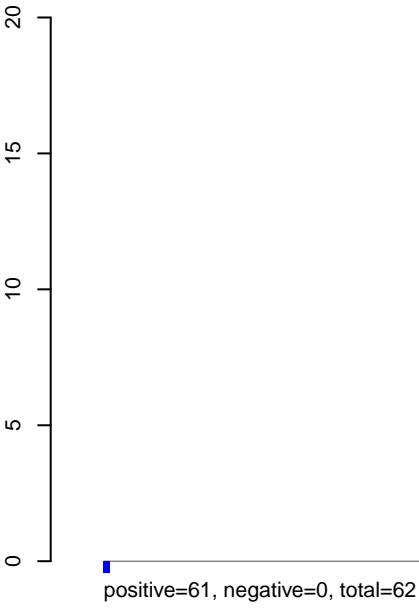


Window size=50, length=11375, virus@NC\_005064.1-Kamiti\_River\_virus:1-11375

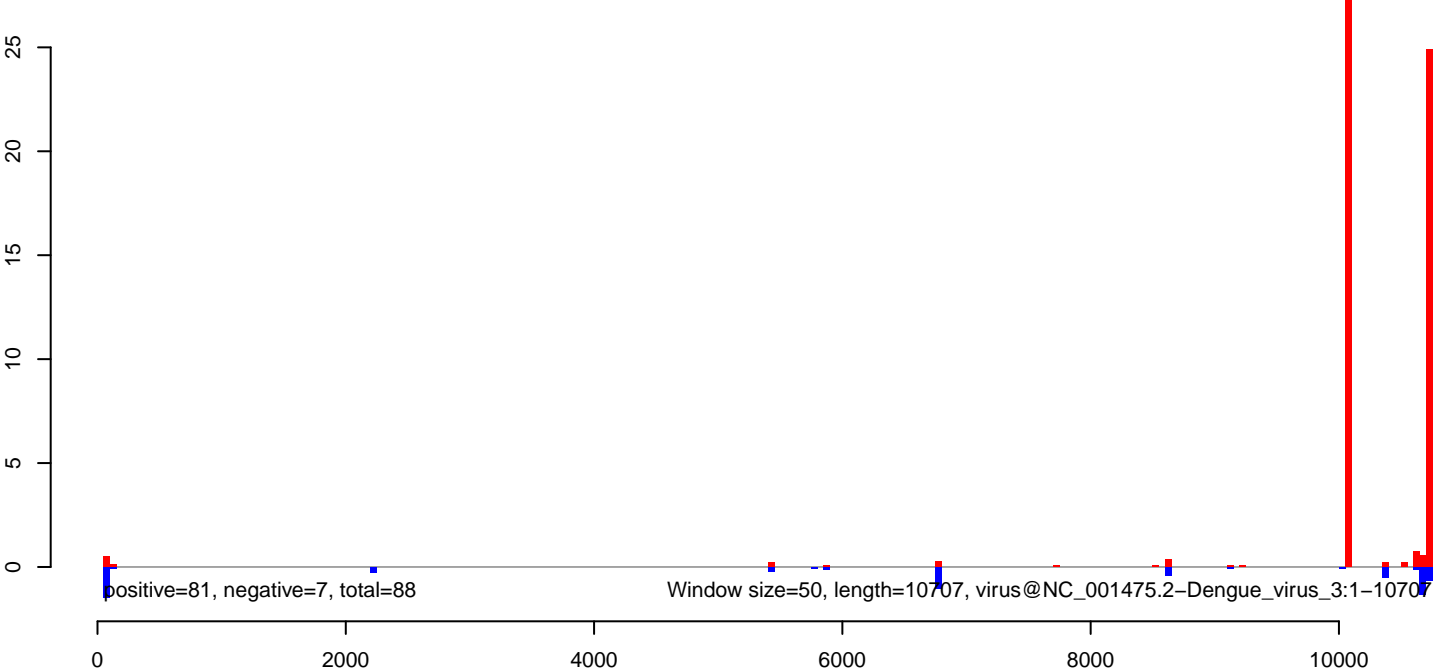
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep

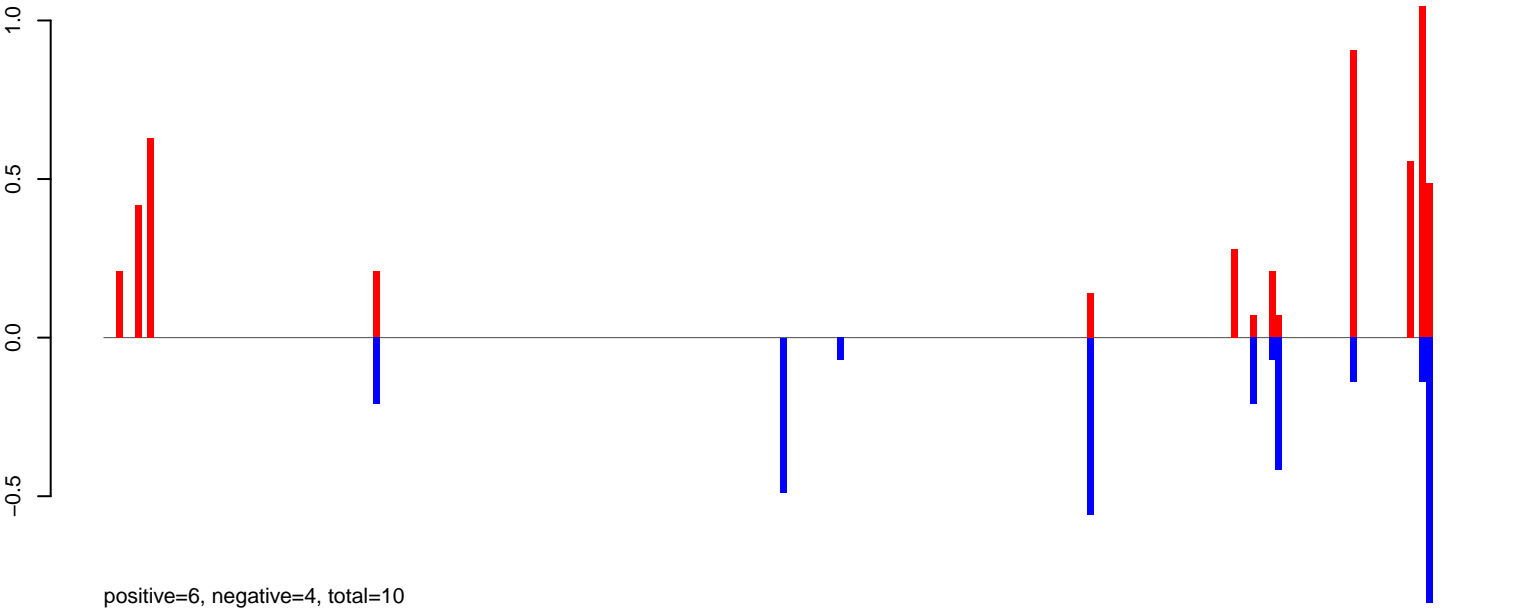


AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep

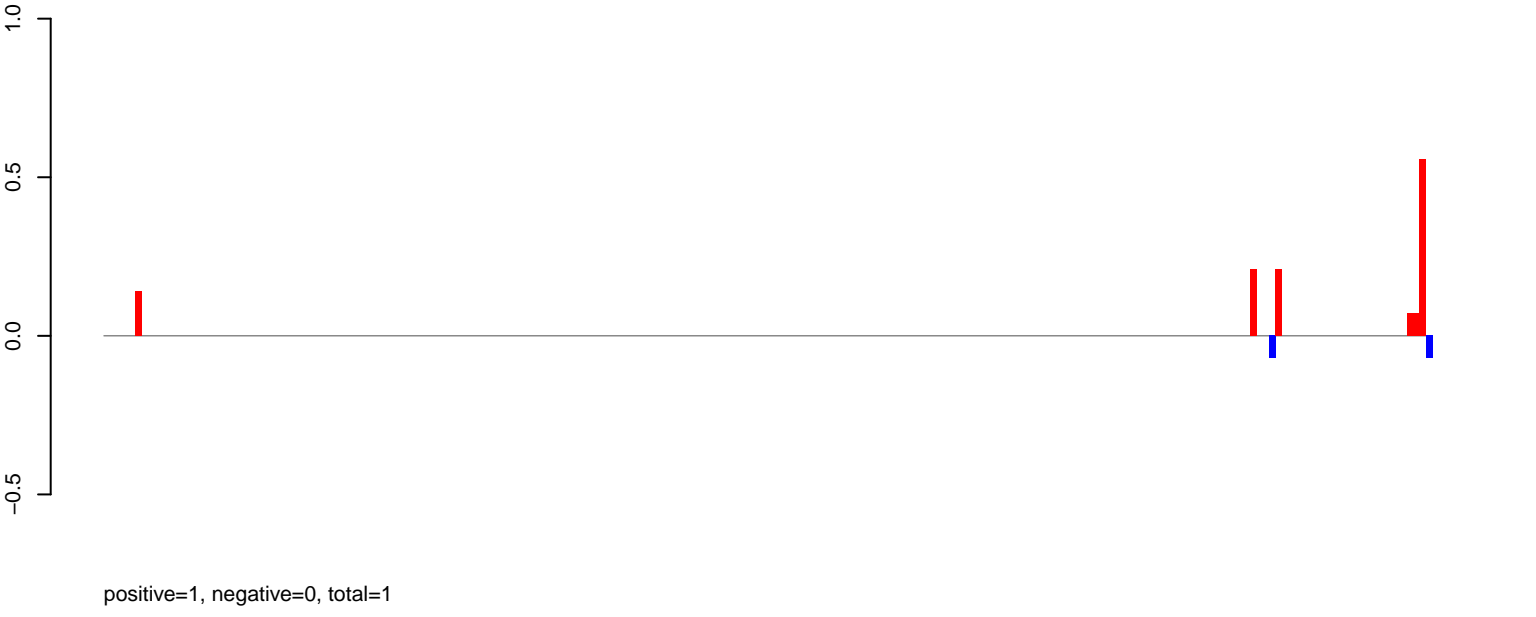




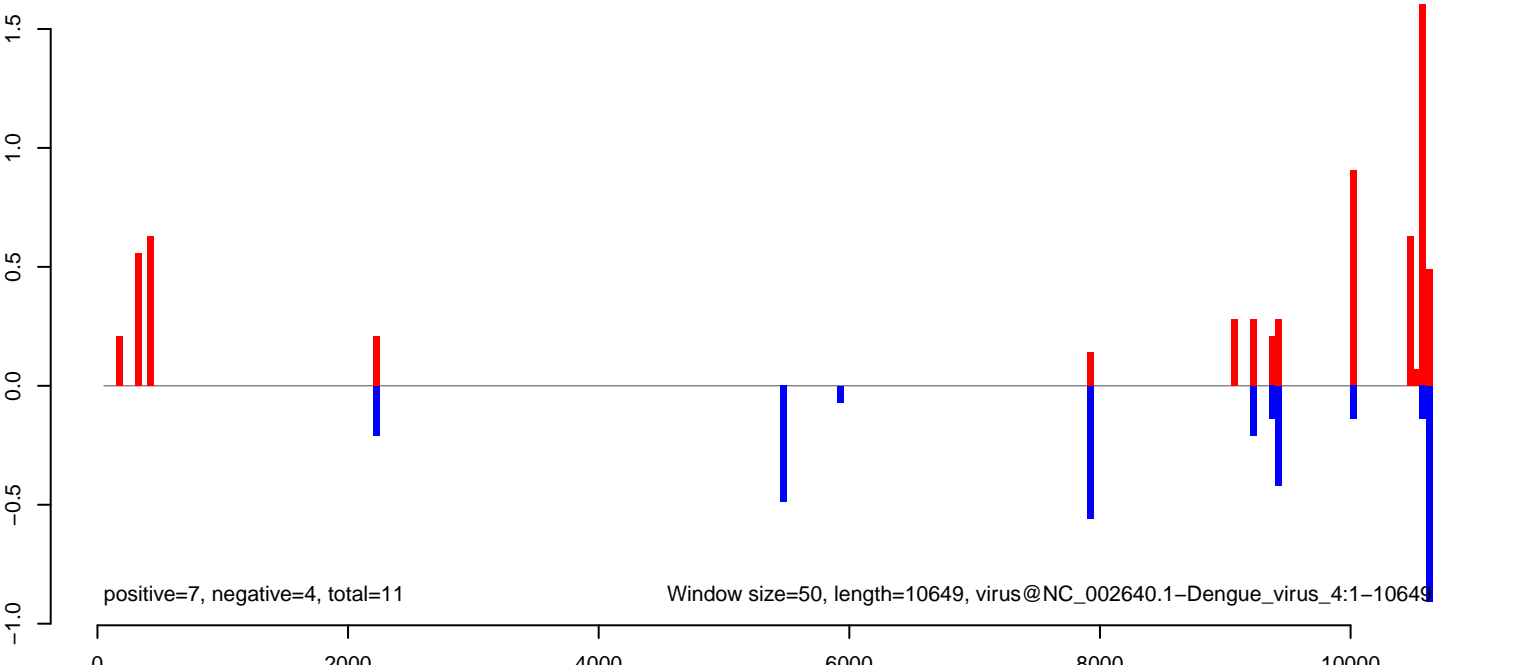
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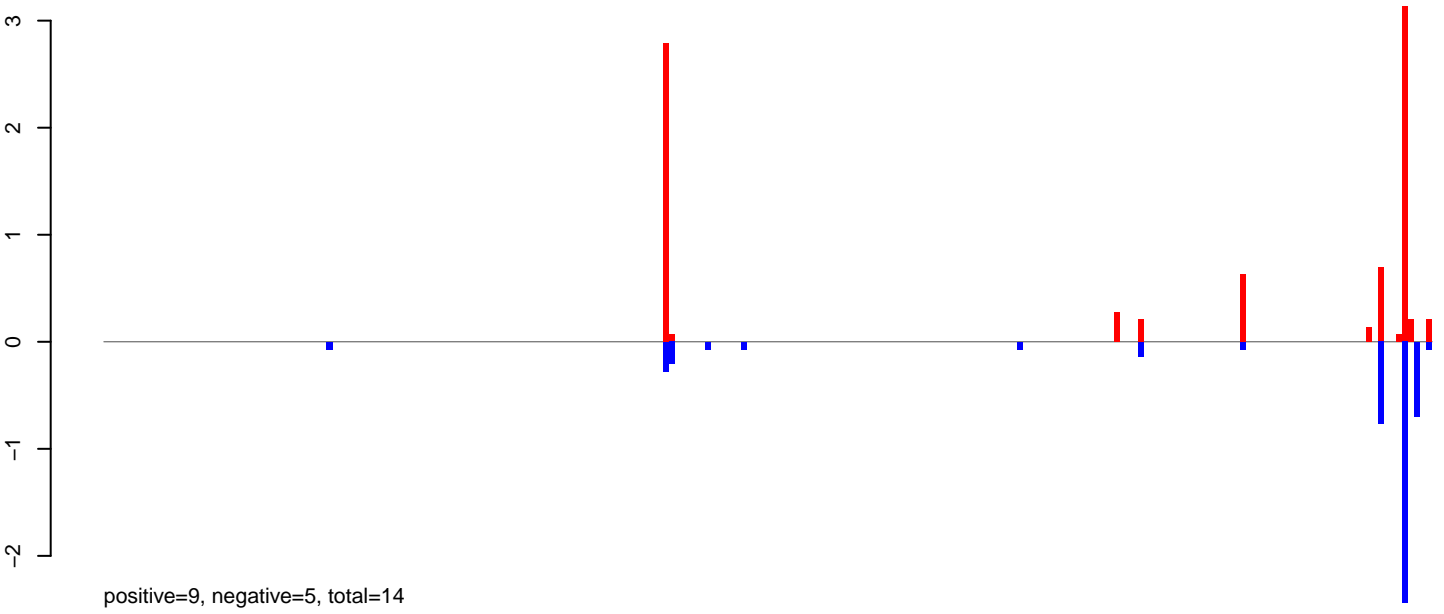
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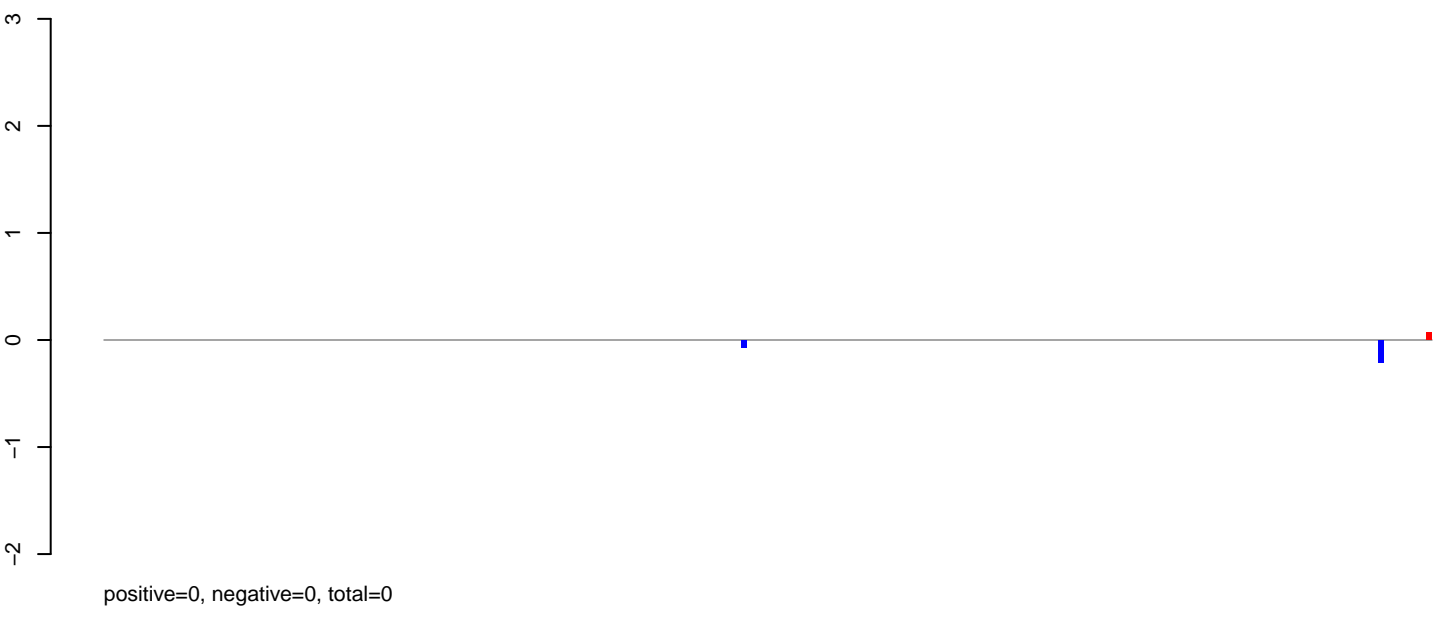
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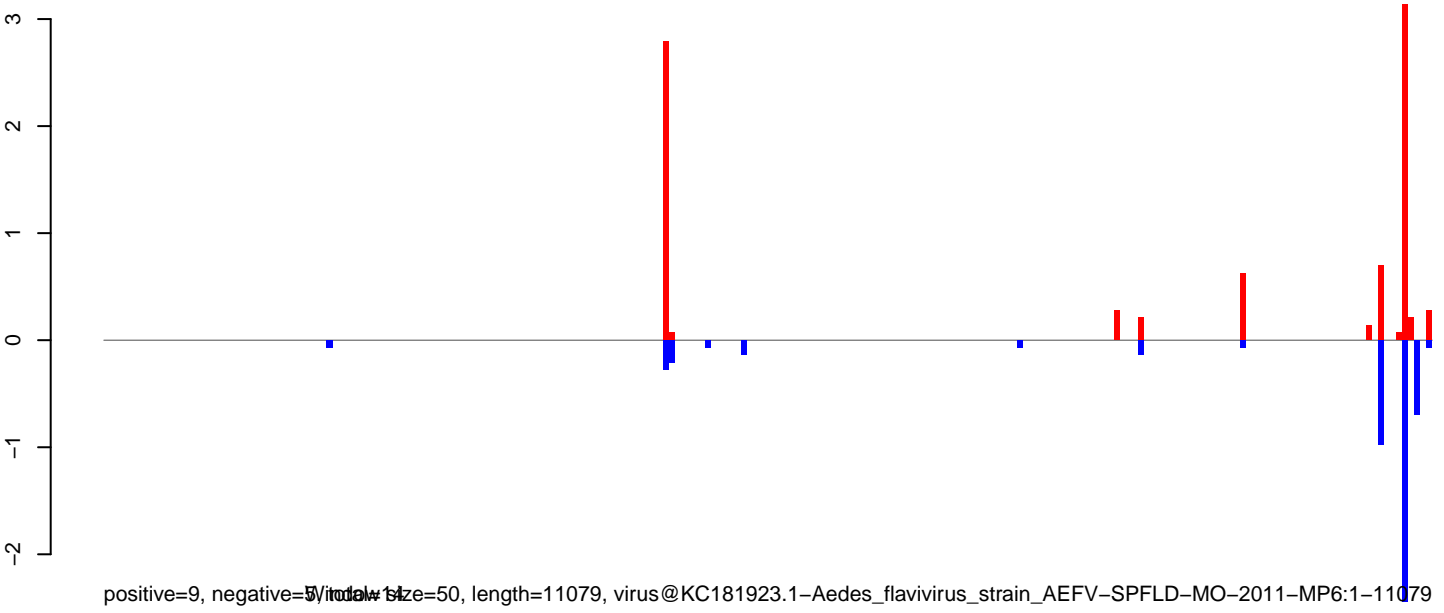
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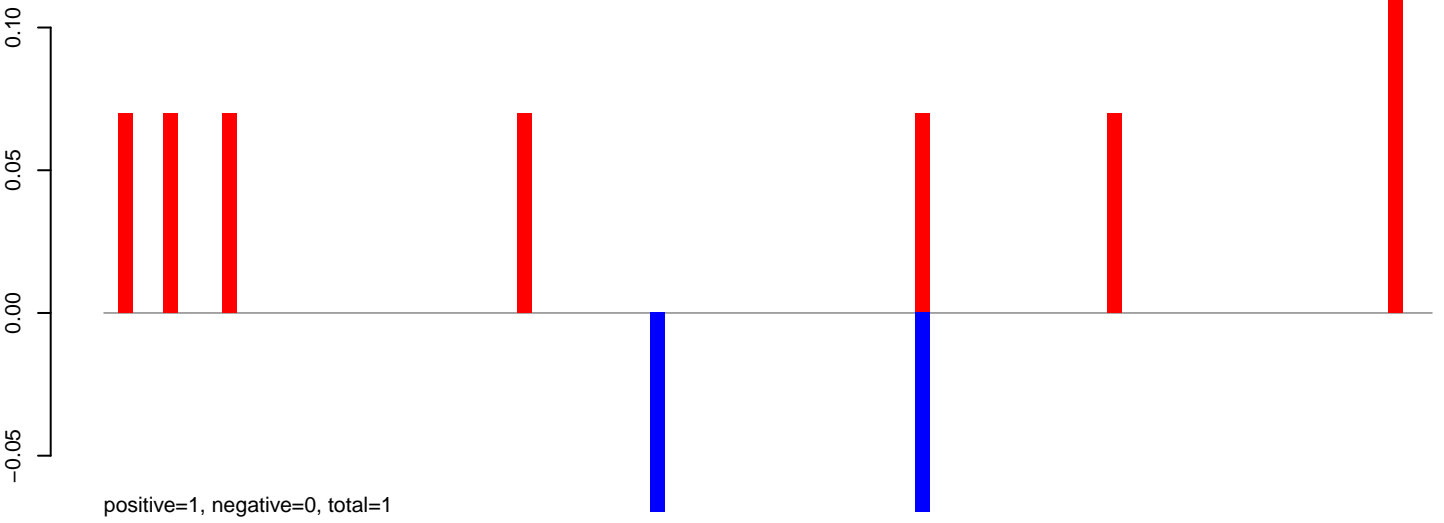
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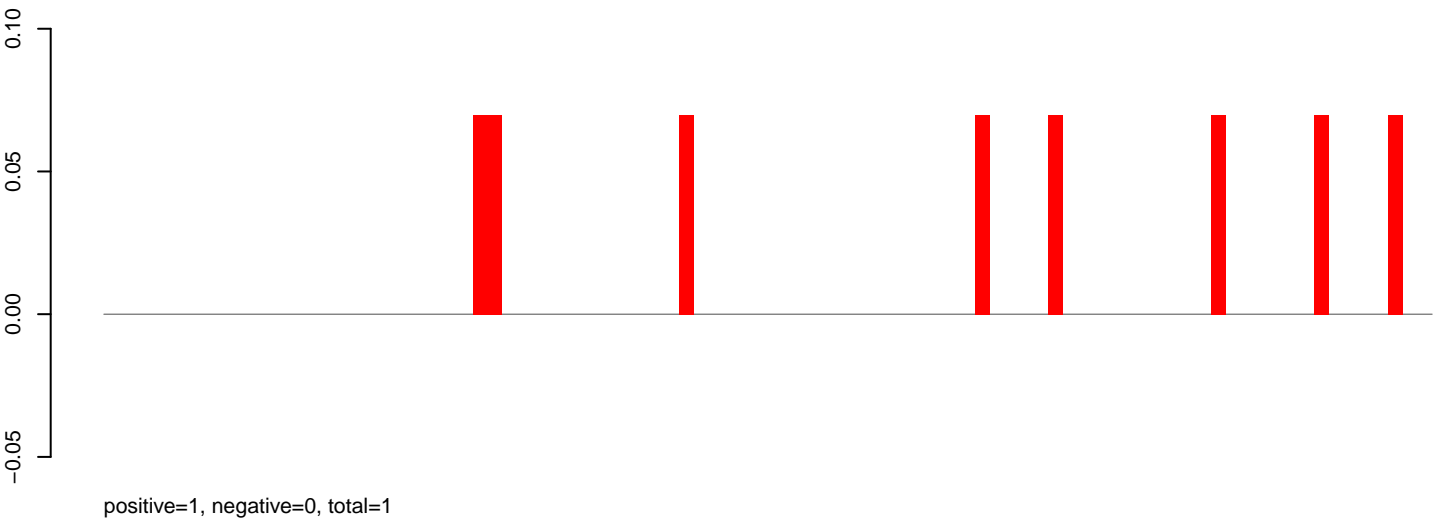
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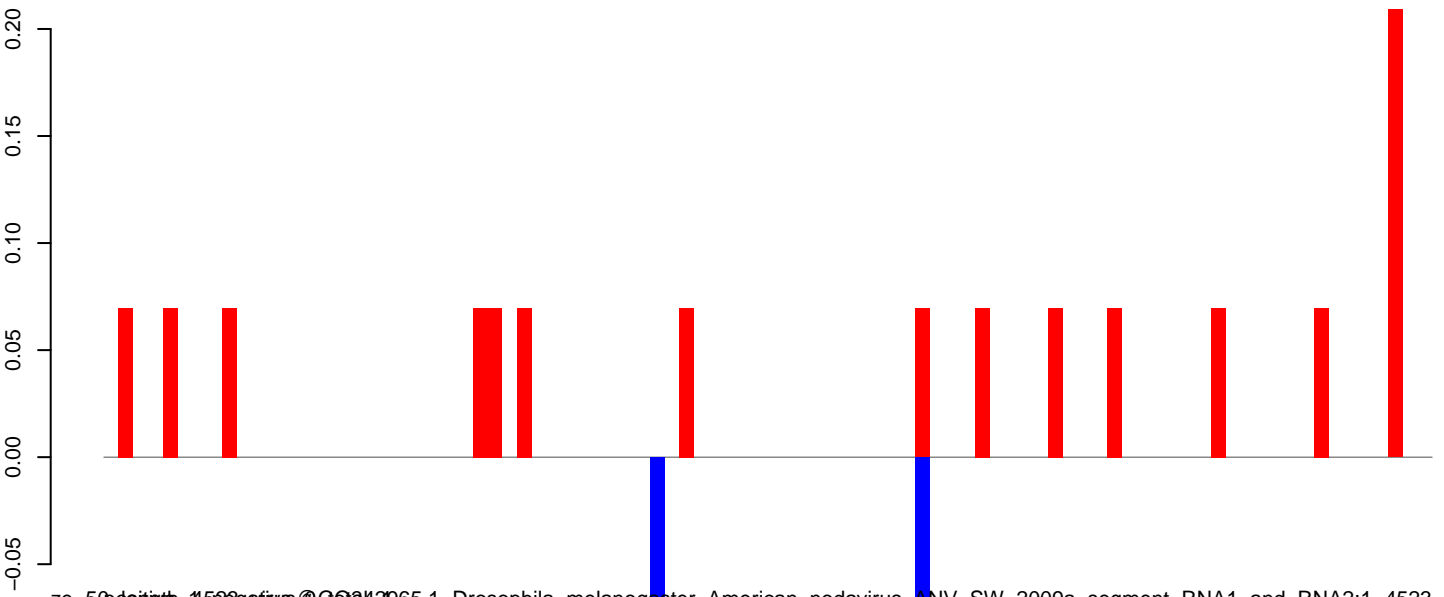
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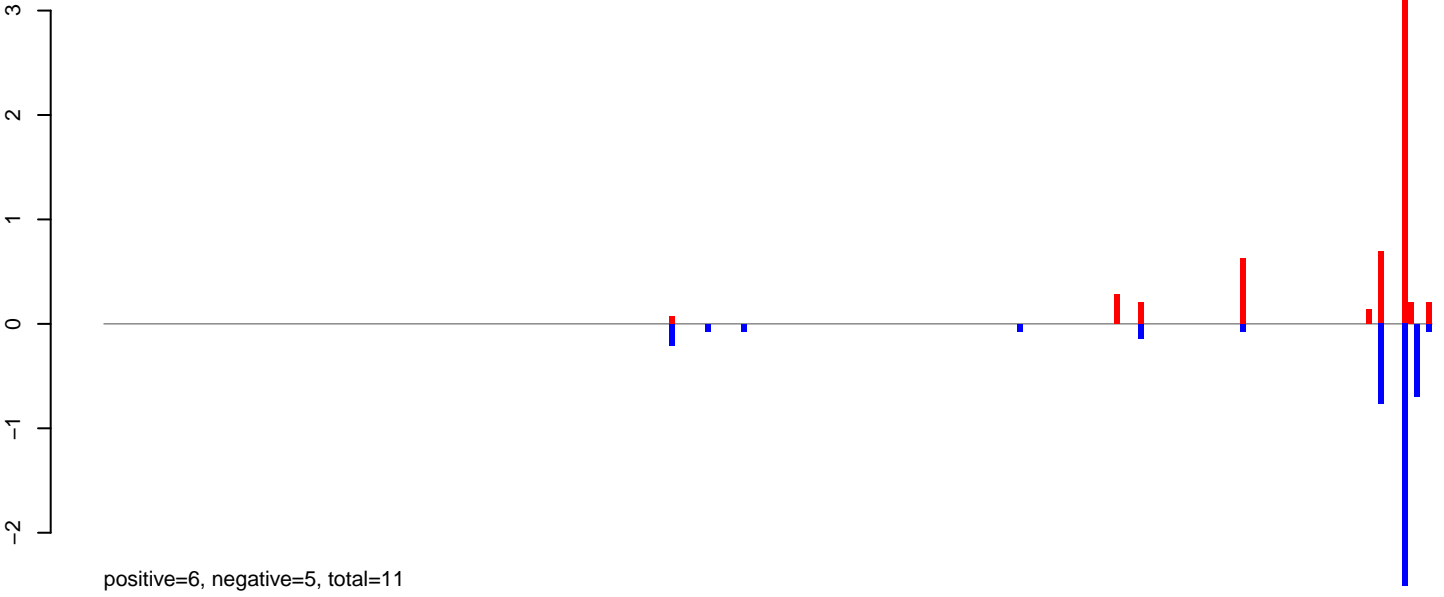
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



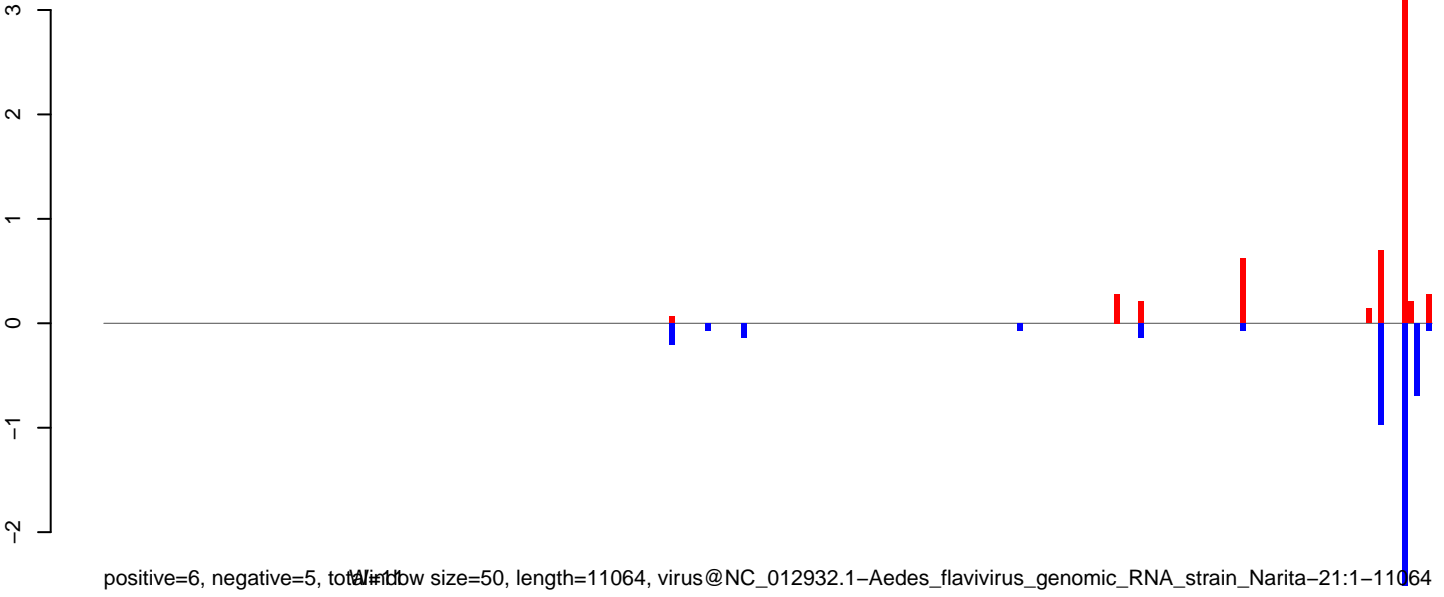
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AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



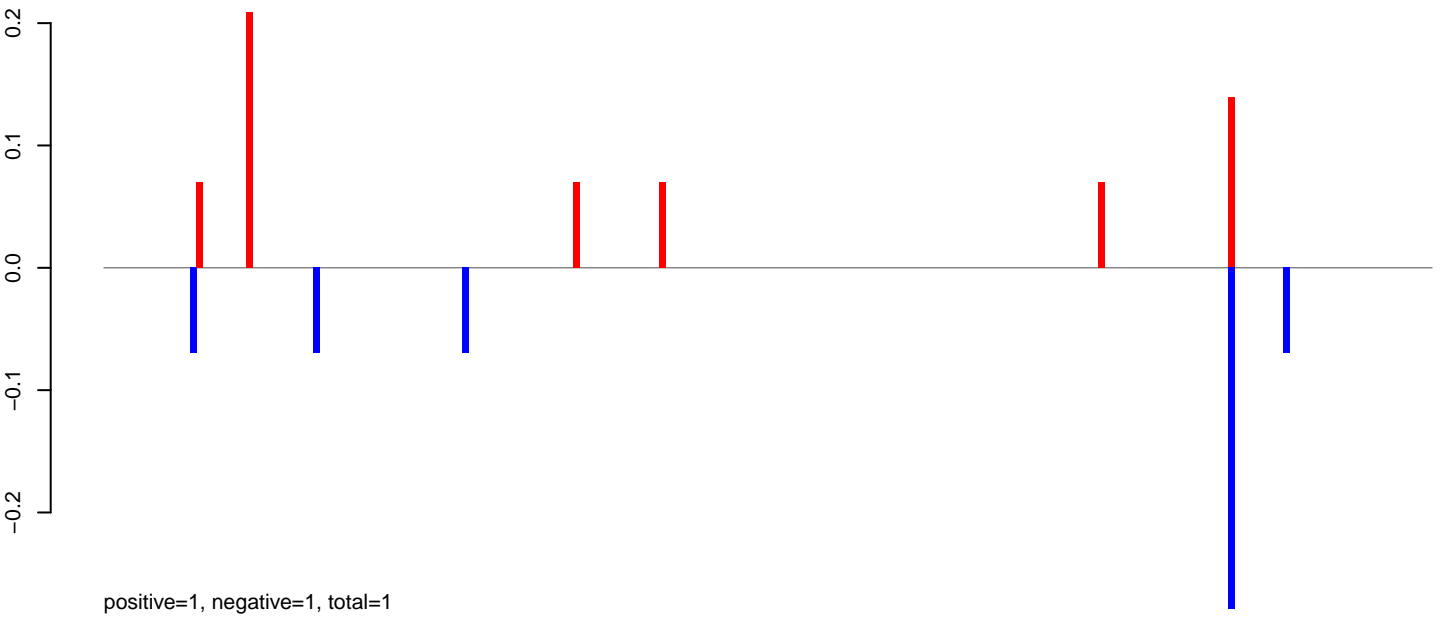
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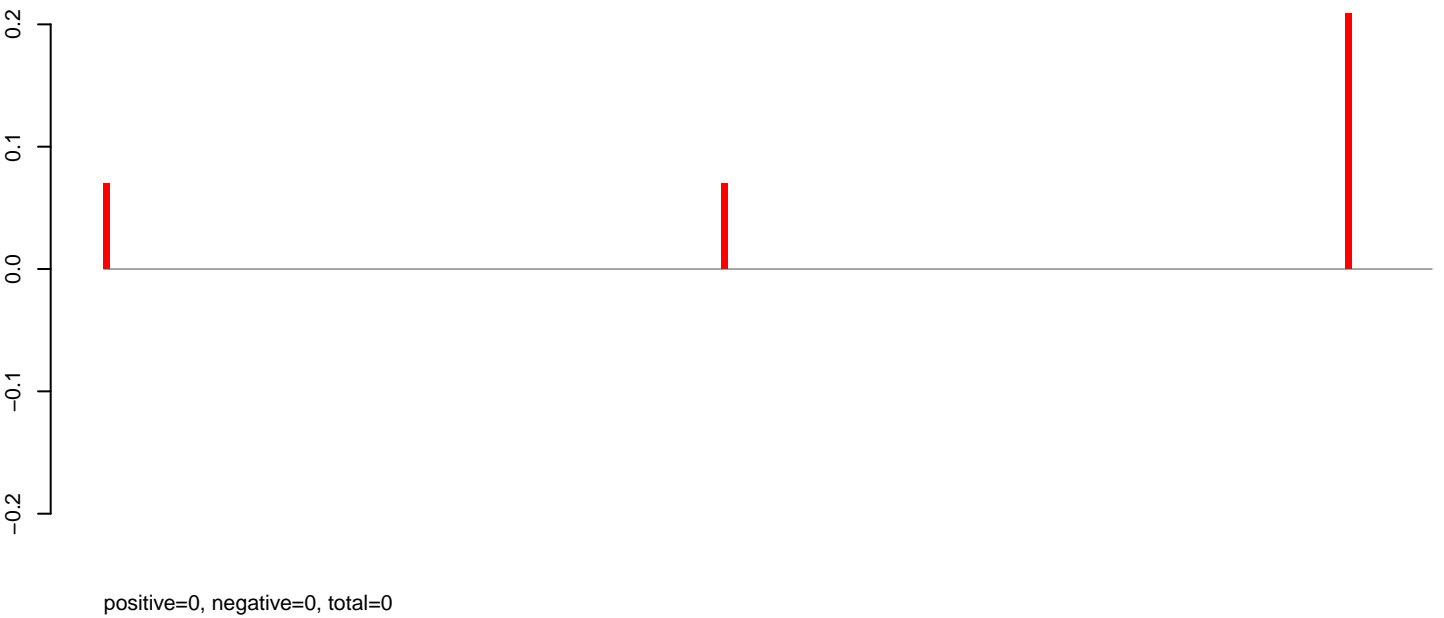
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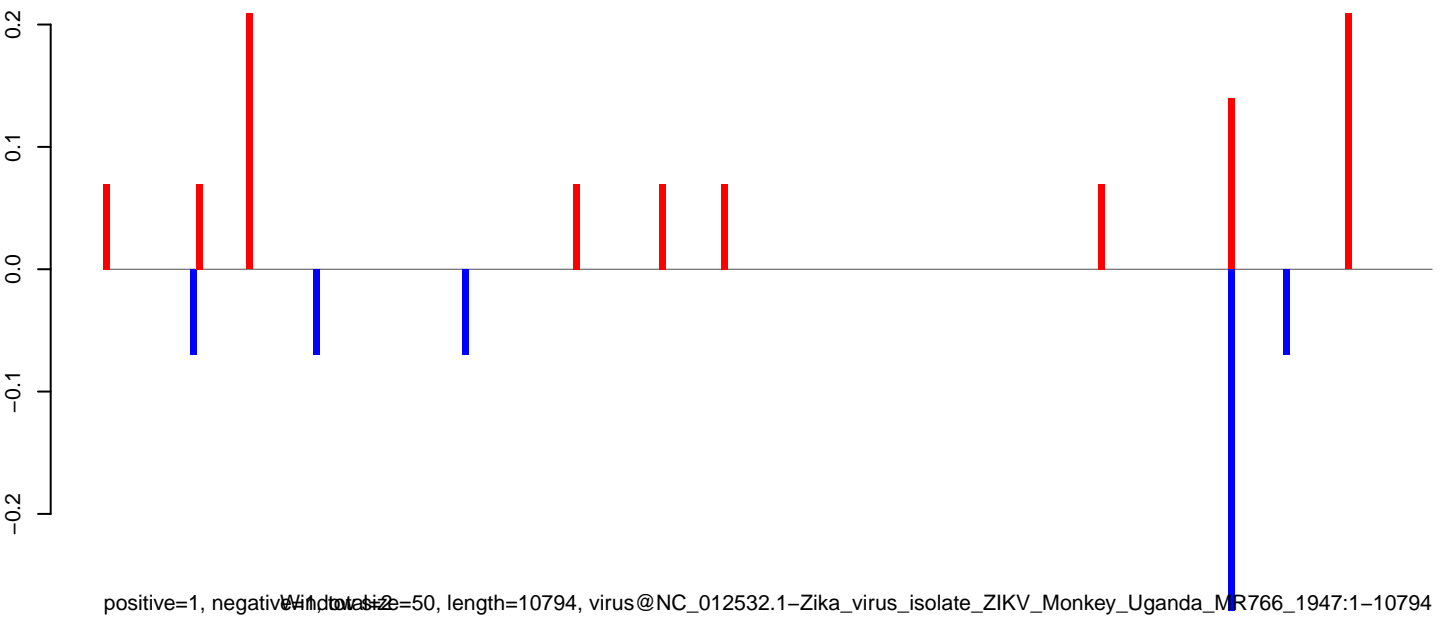
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

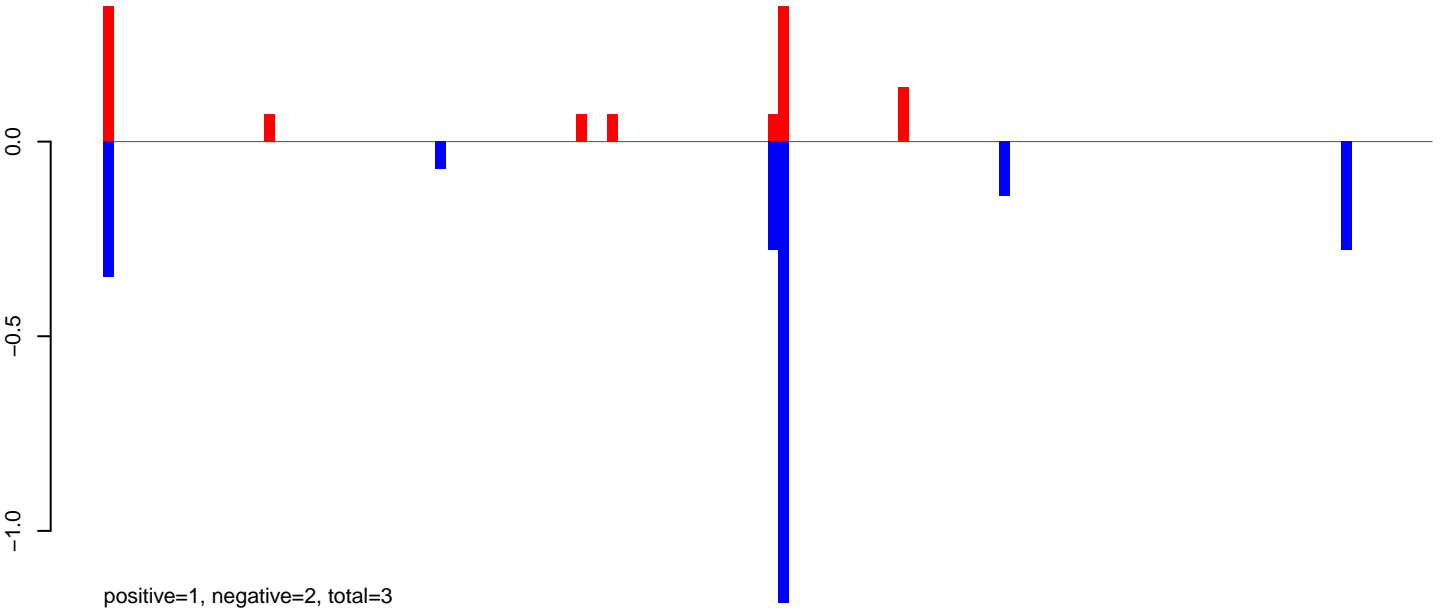


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

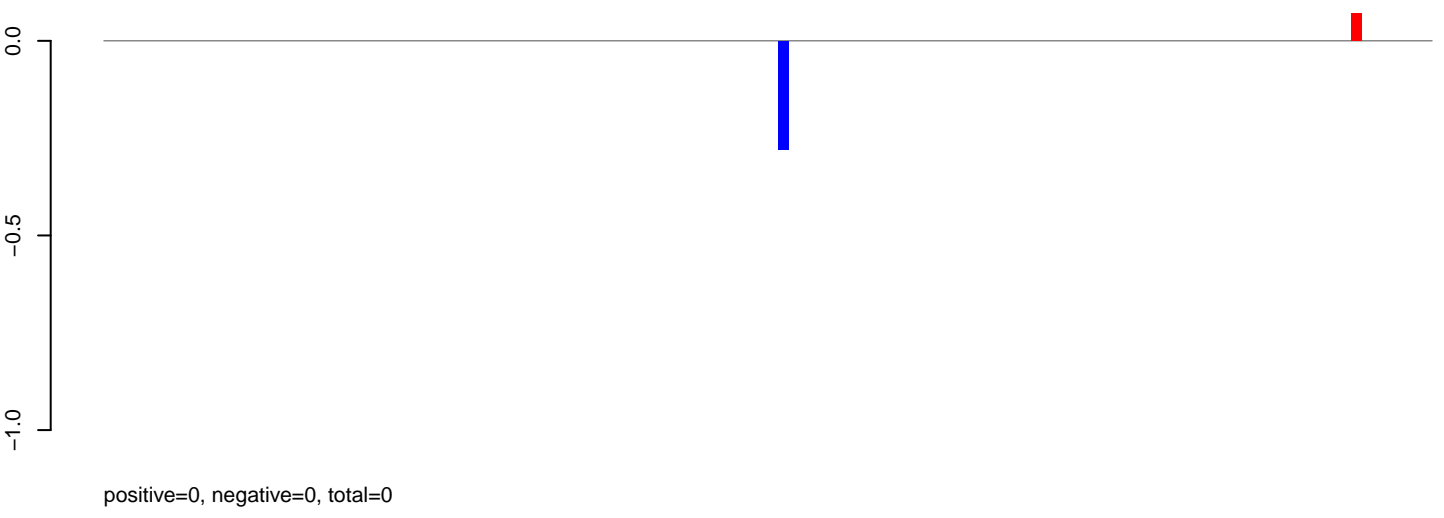


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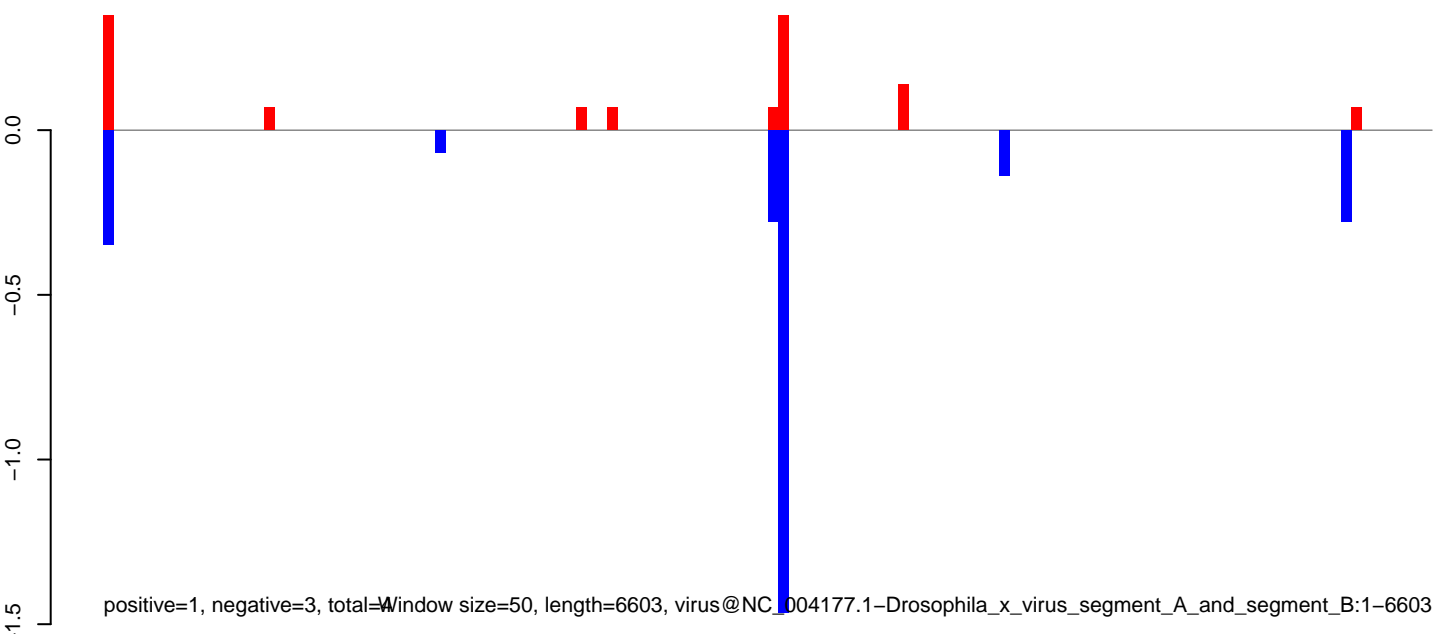
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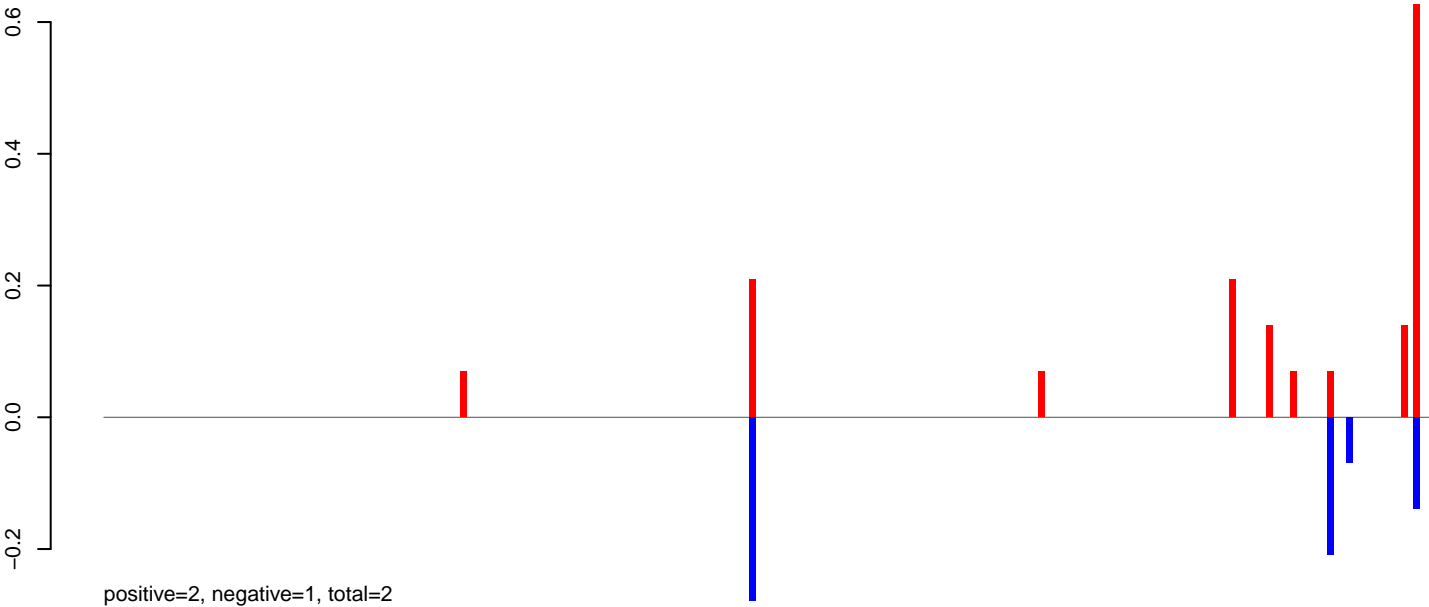
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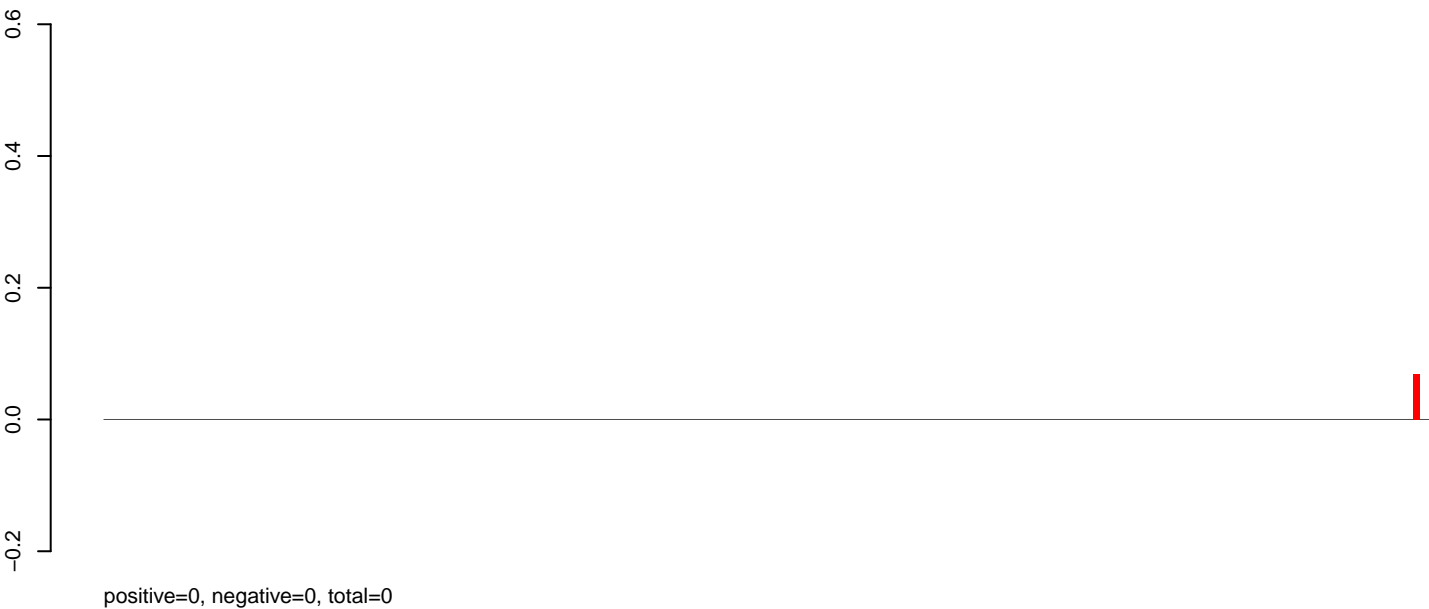
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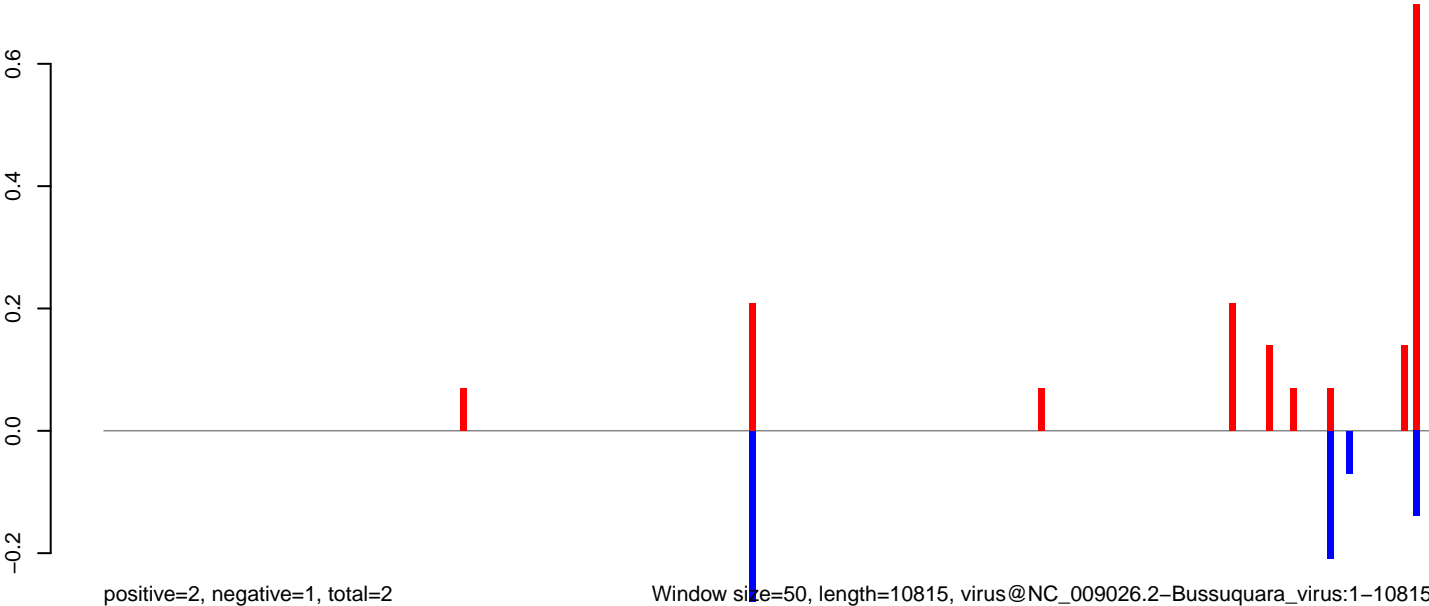
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AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



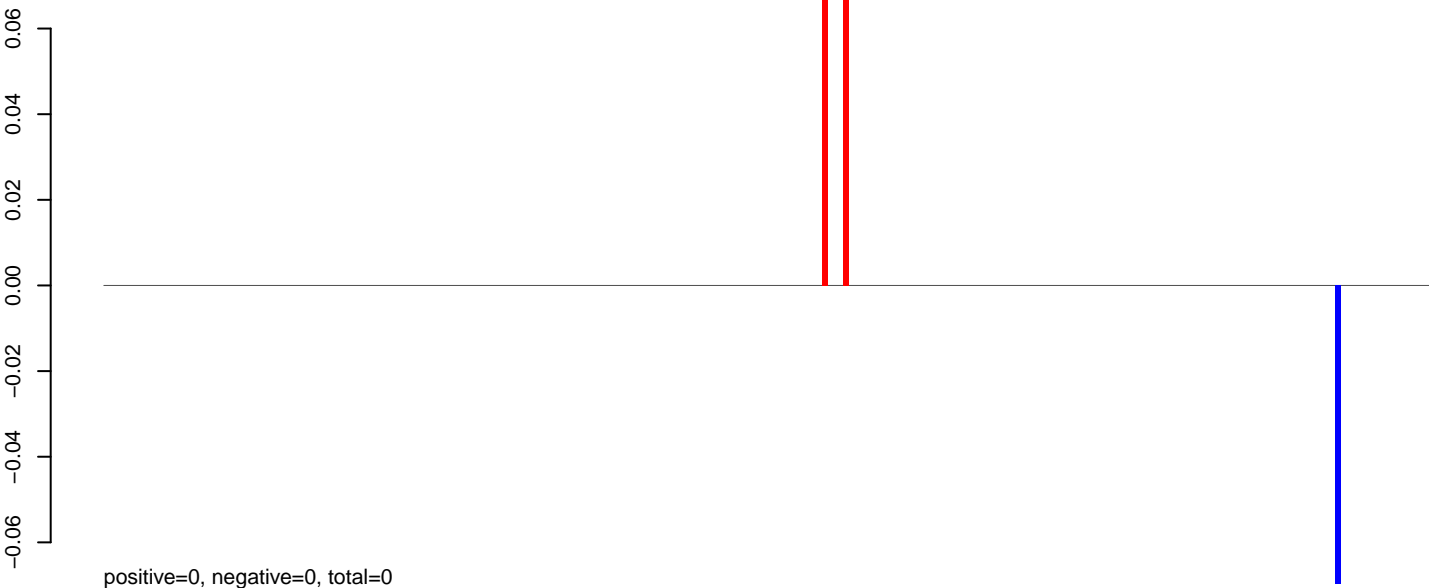
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep



Window size=50, length=10815, virus@NC\_009026.2-Bussuquara\_virus:1-10815

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

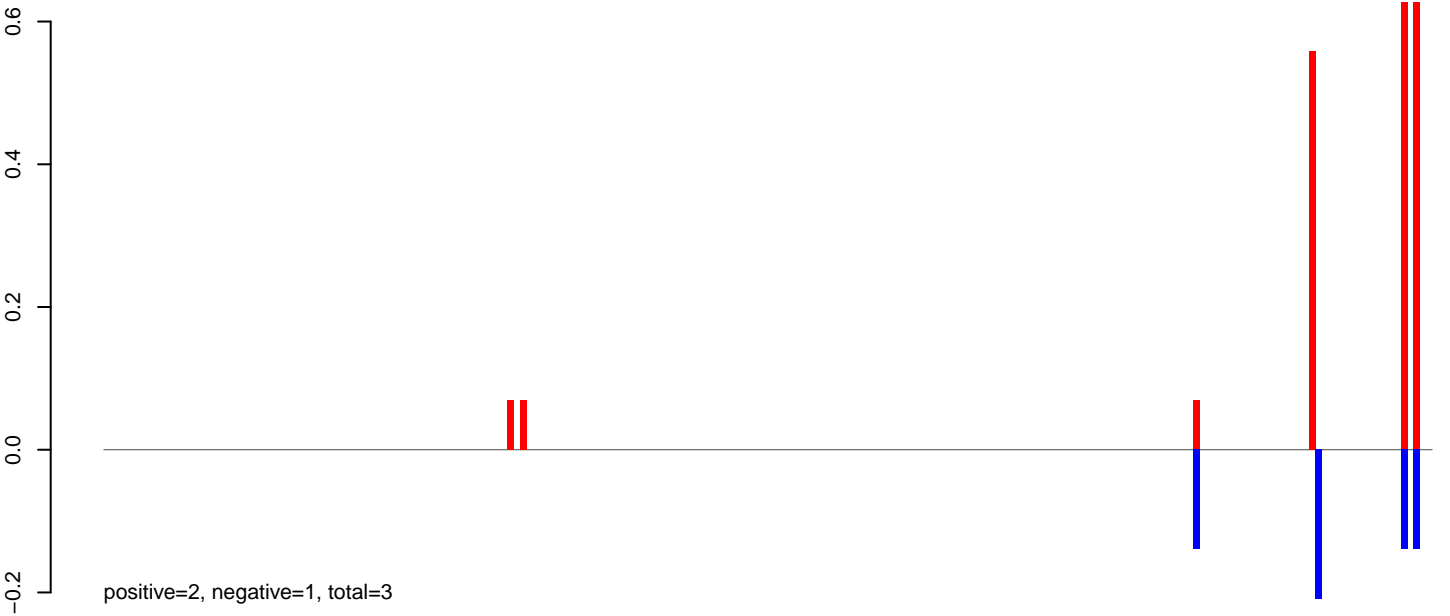


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

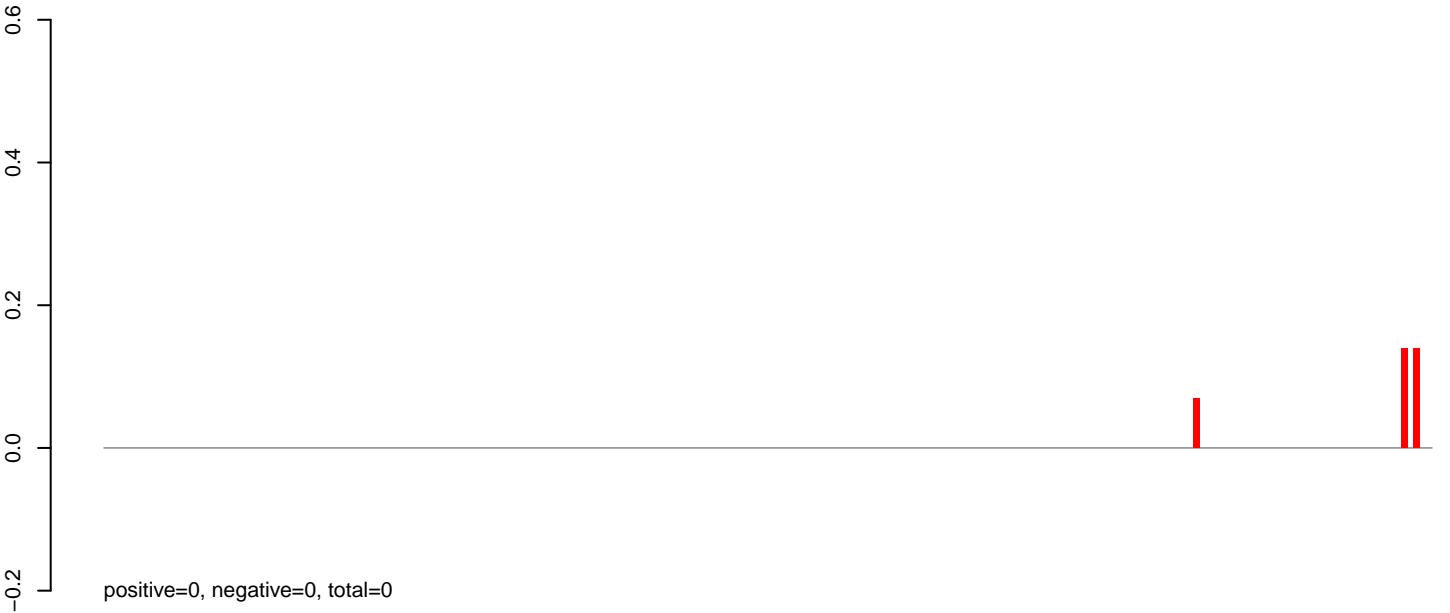




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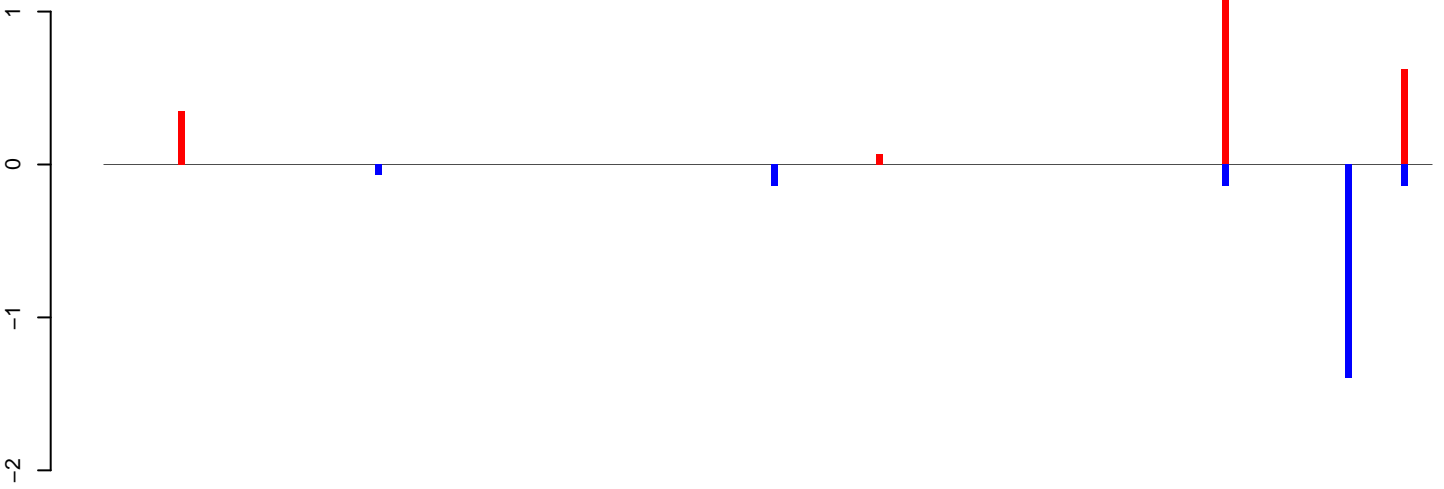
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

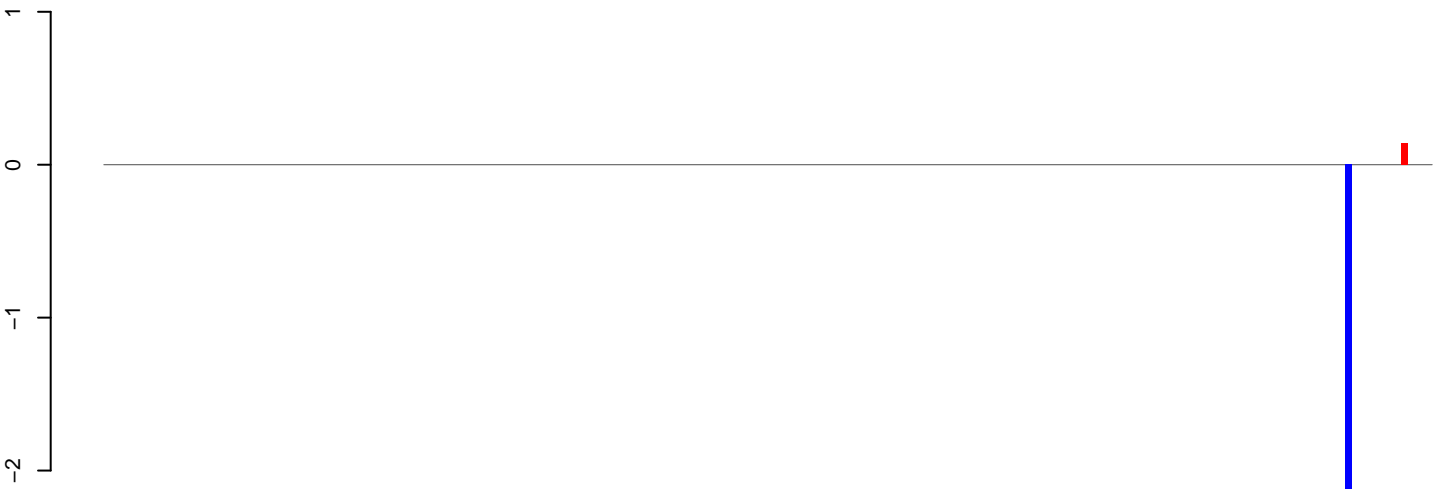


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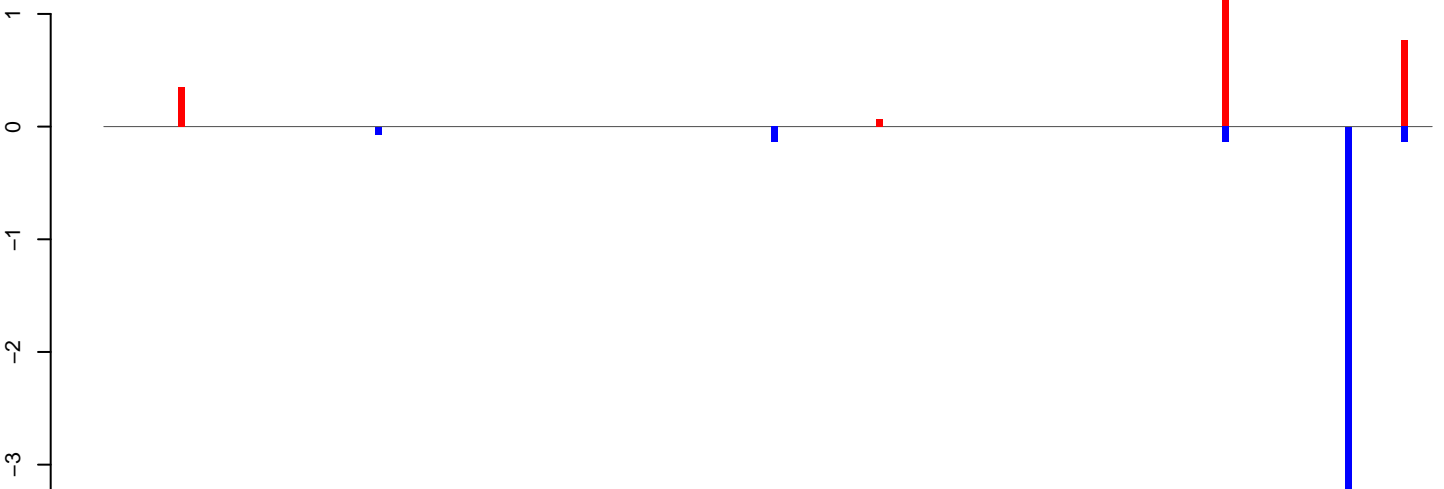
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AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



positive=0, negative=3, total=3

AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep



positive=3, negative=4, total=7

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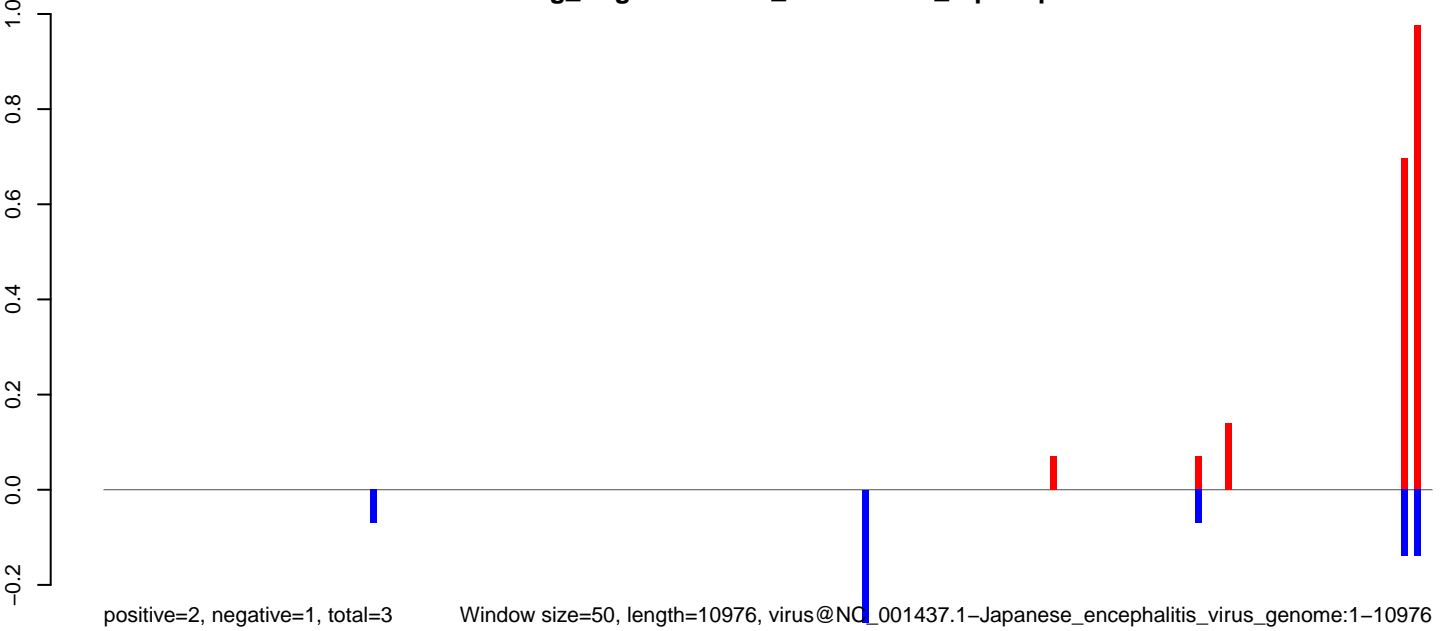
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AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep

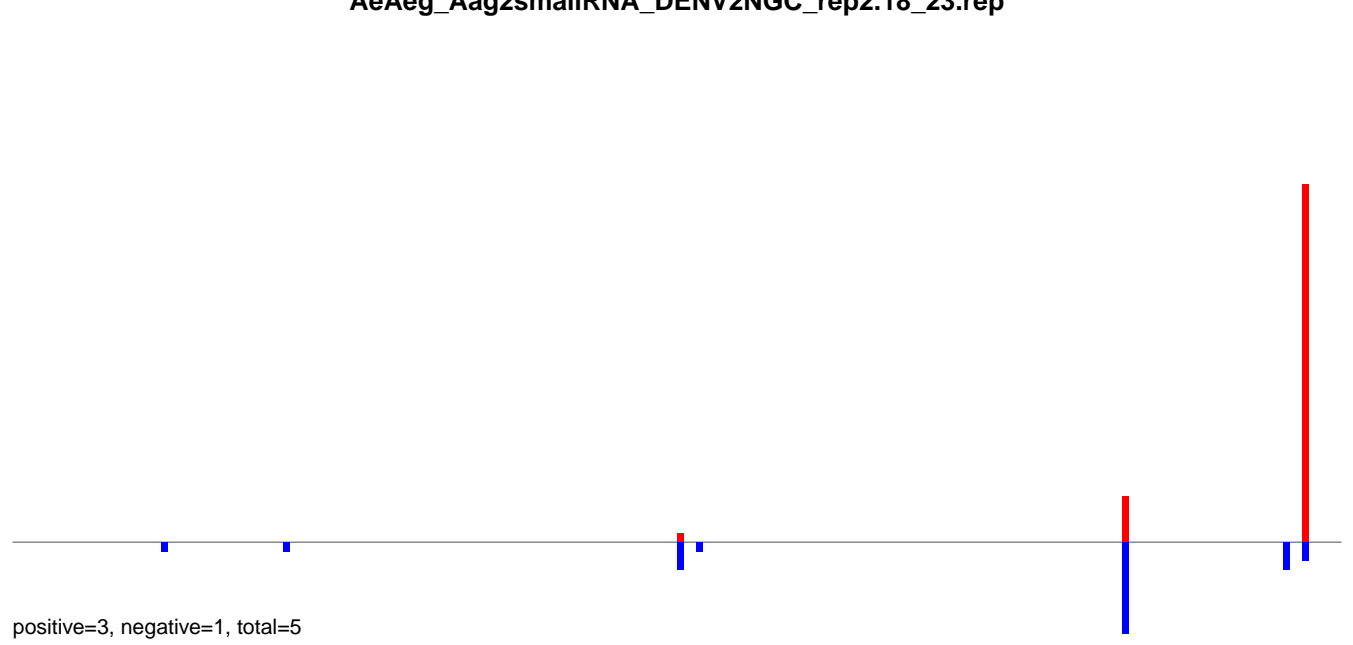


AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep



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

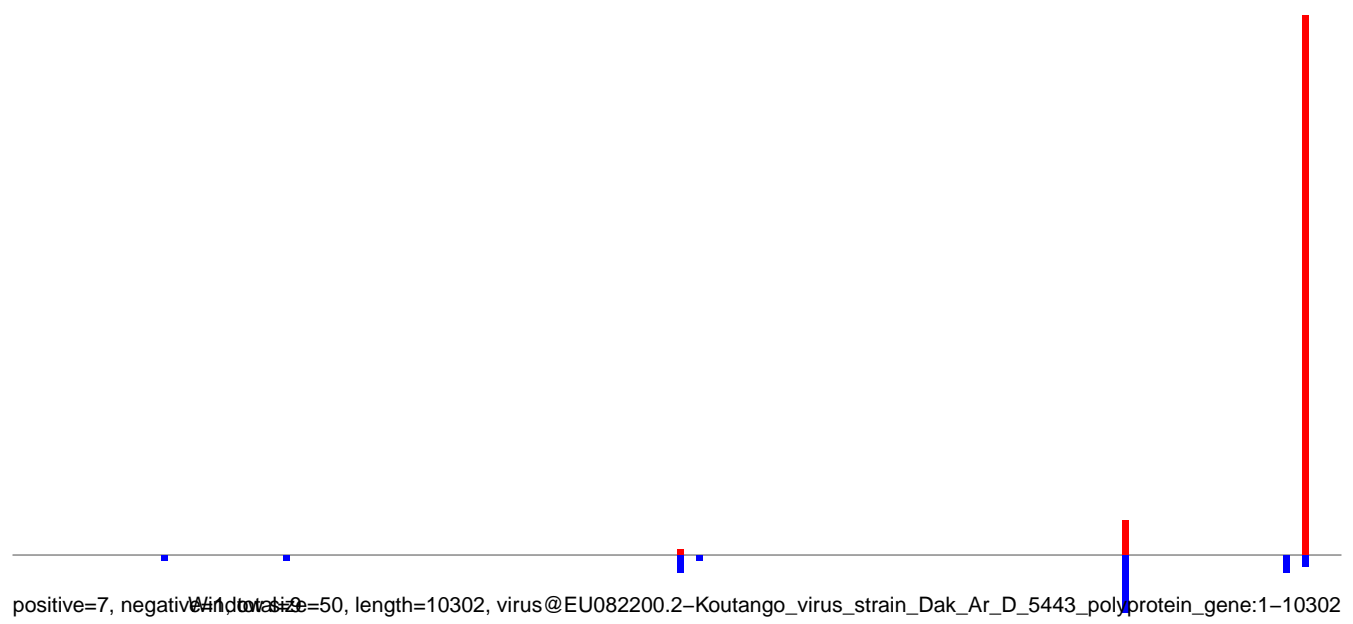
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

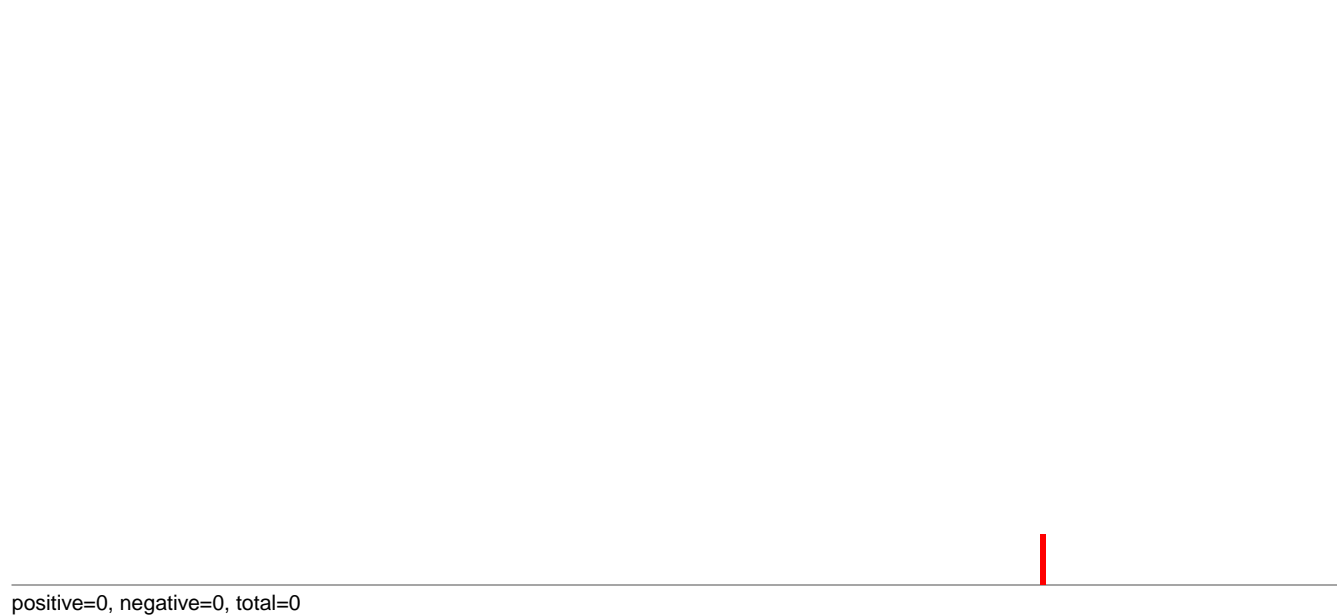


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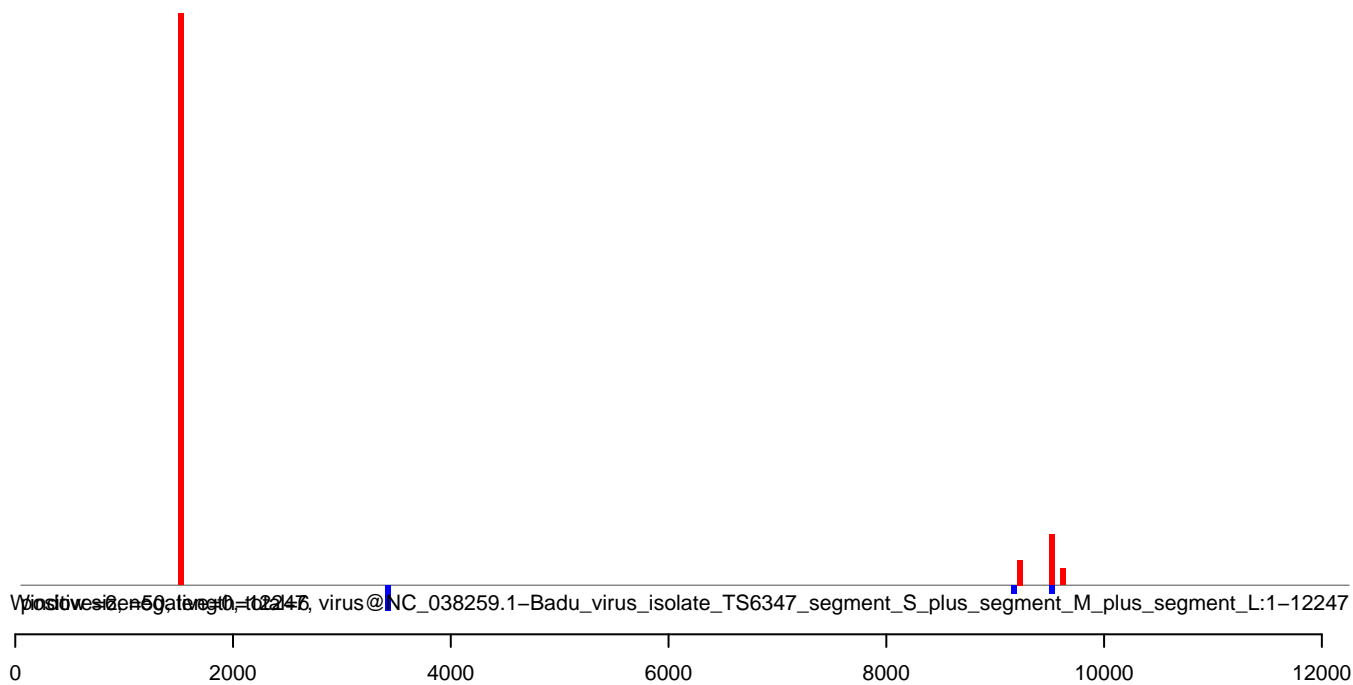
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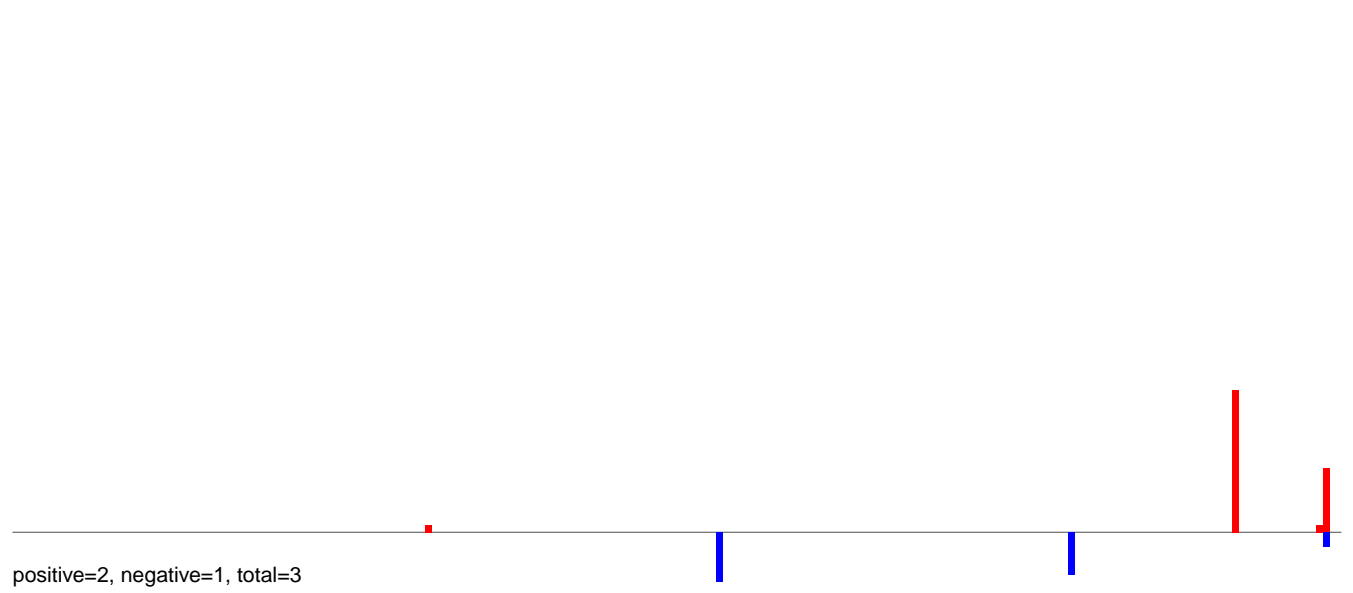
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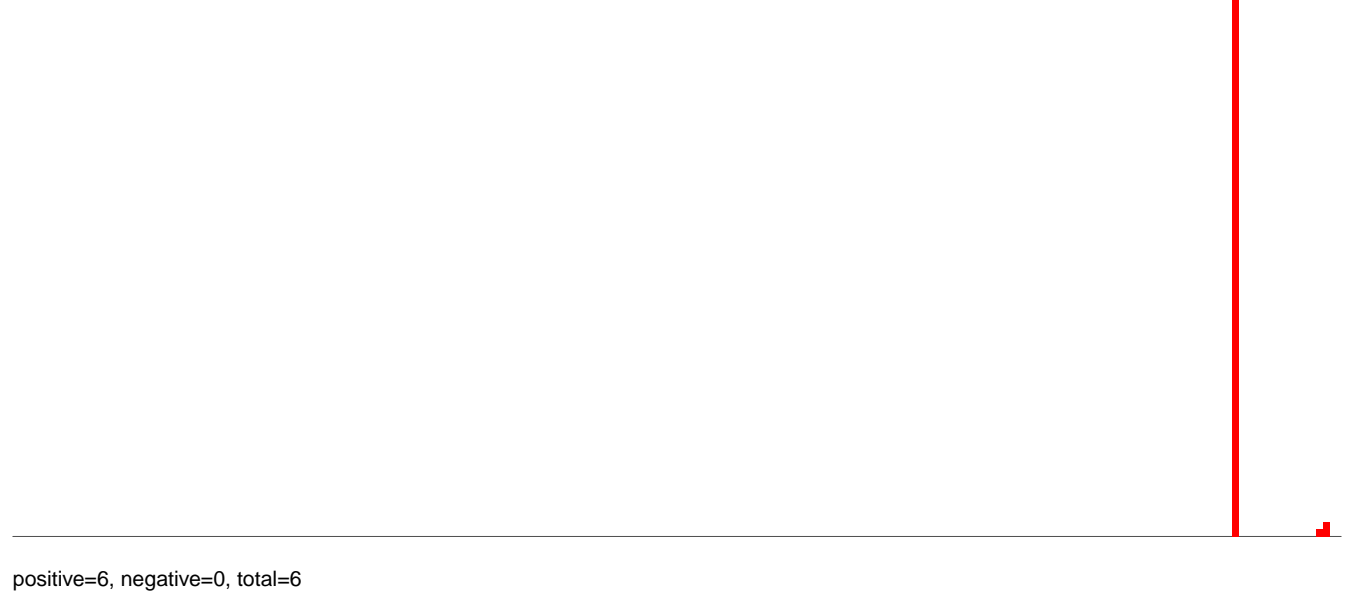
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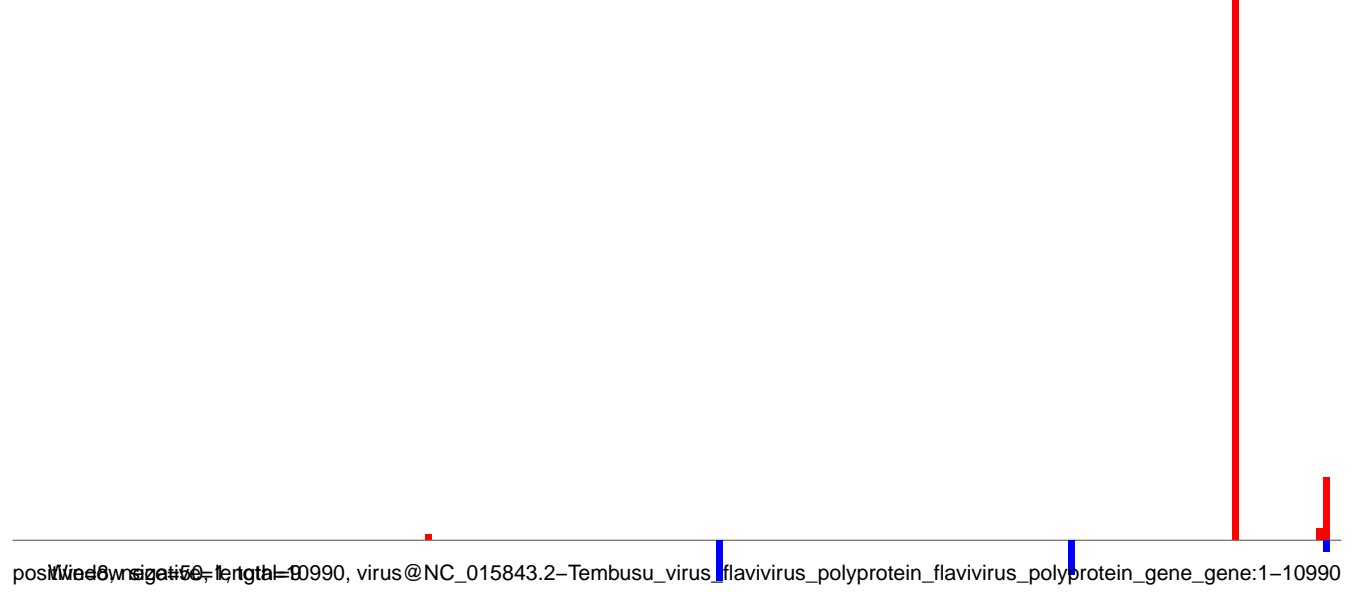
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AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep

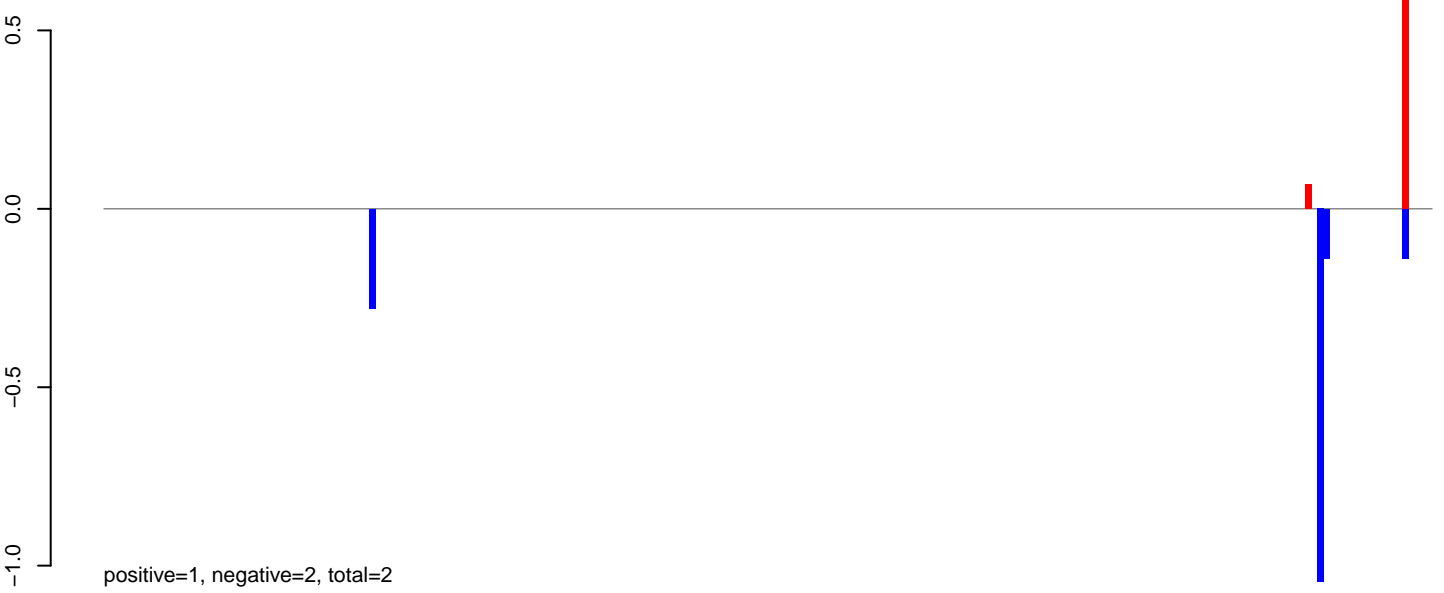


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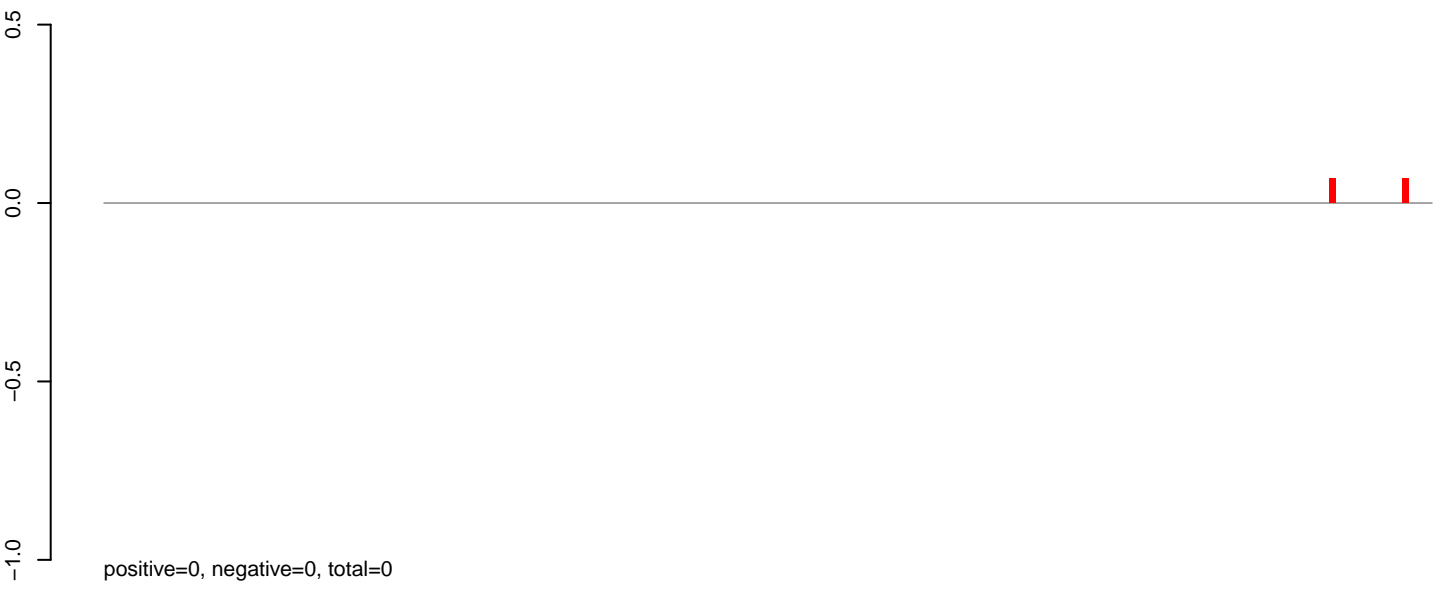


NC\_015843.2-Tembusu\_virus\_flavivirus\_polyprotein\_gene:1-10990

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

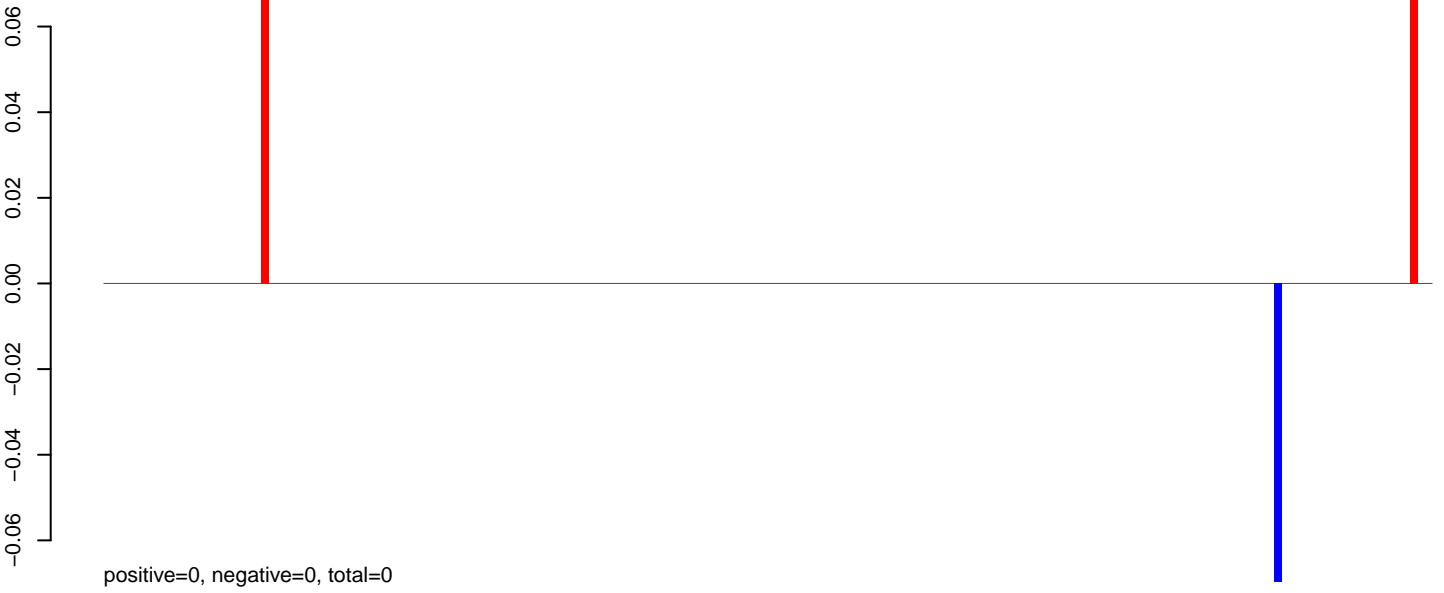


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



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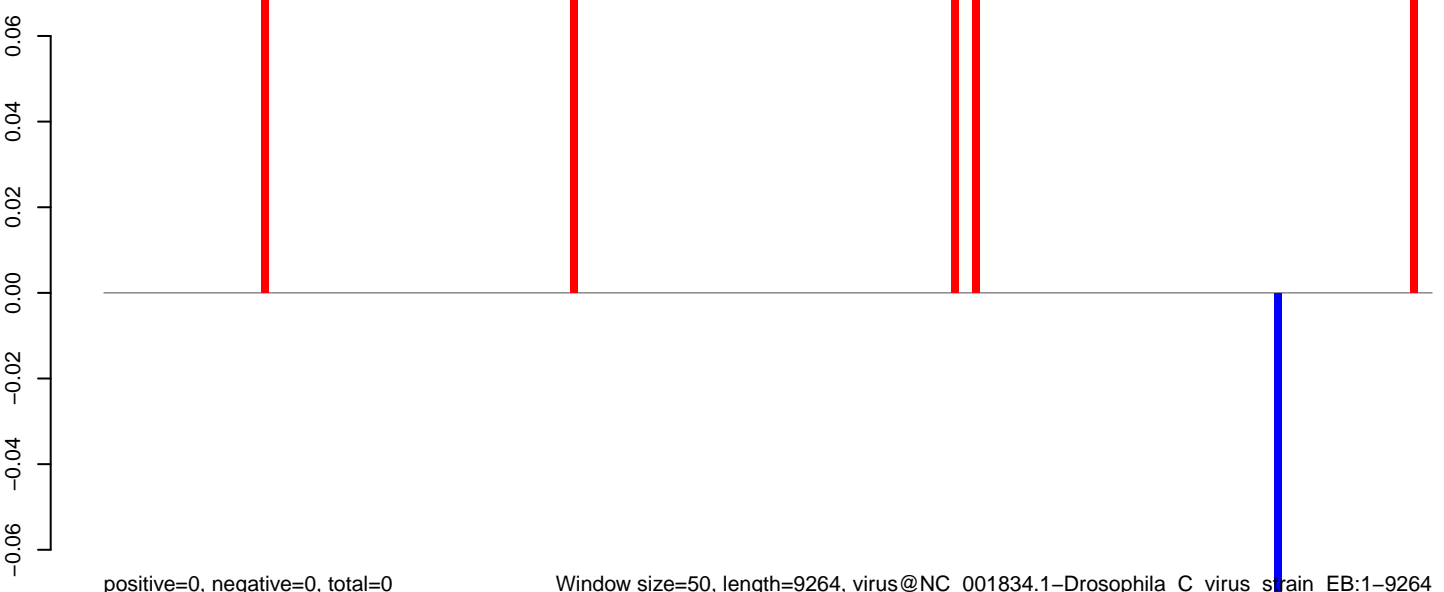
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



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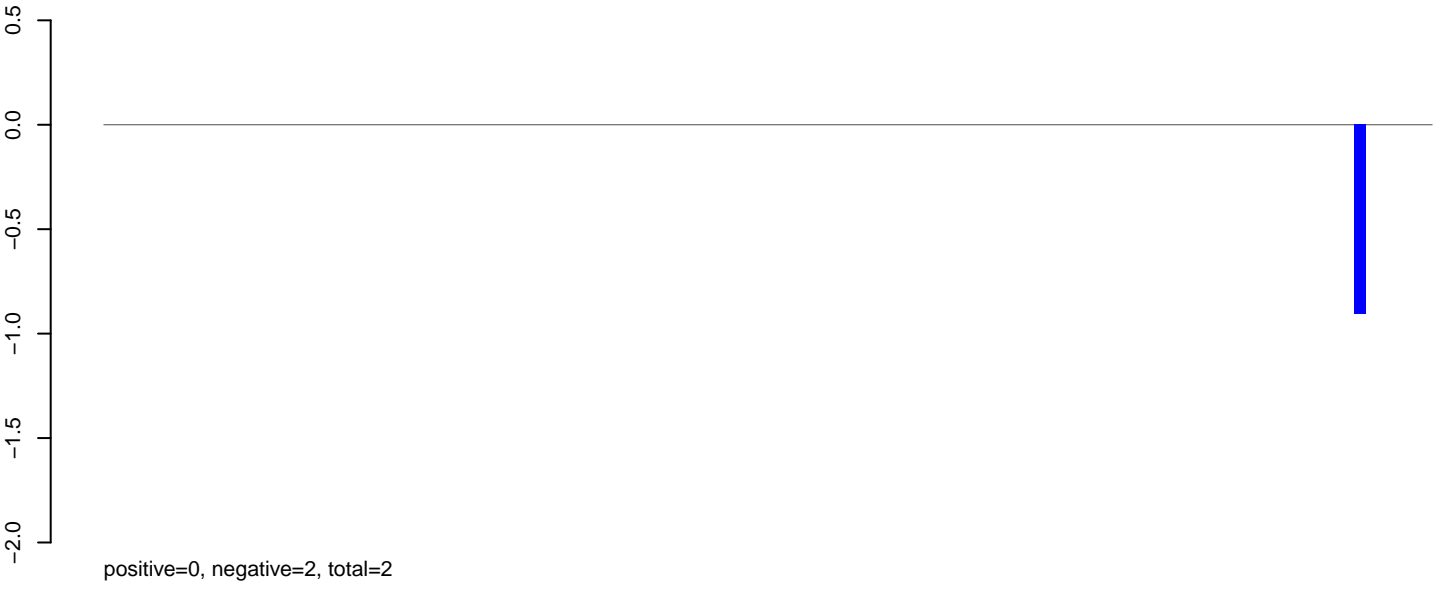
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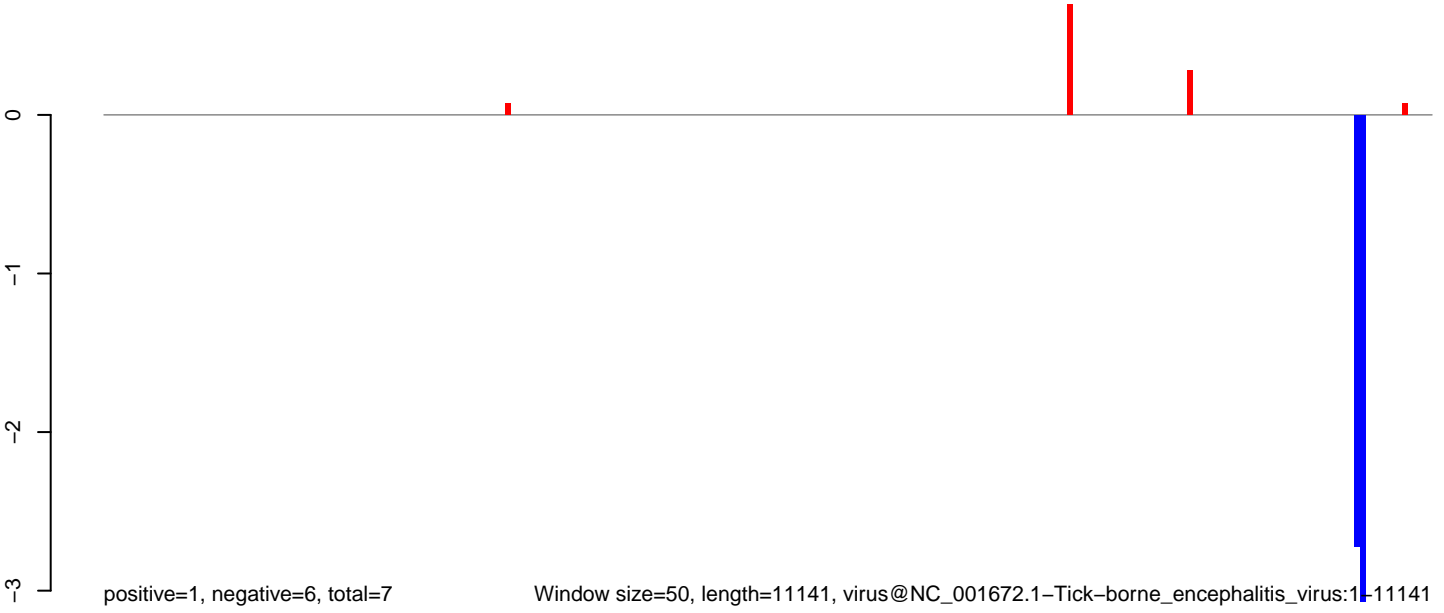
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

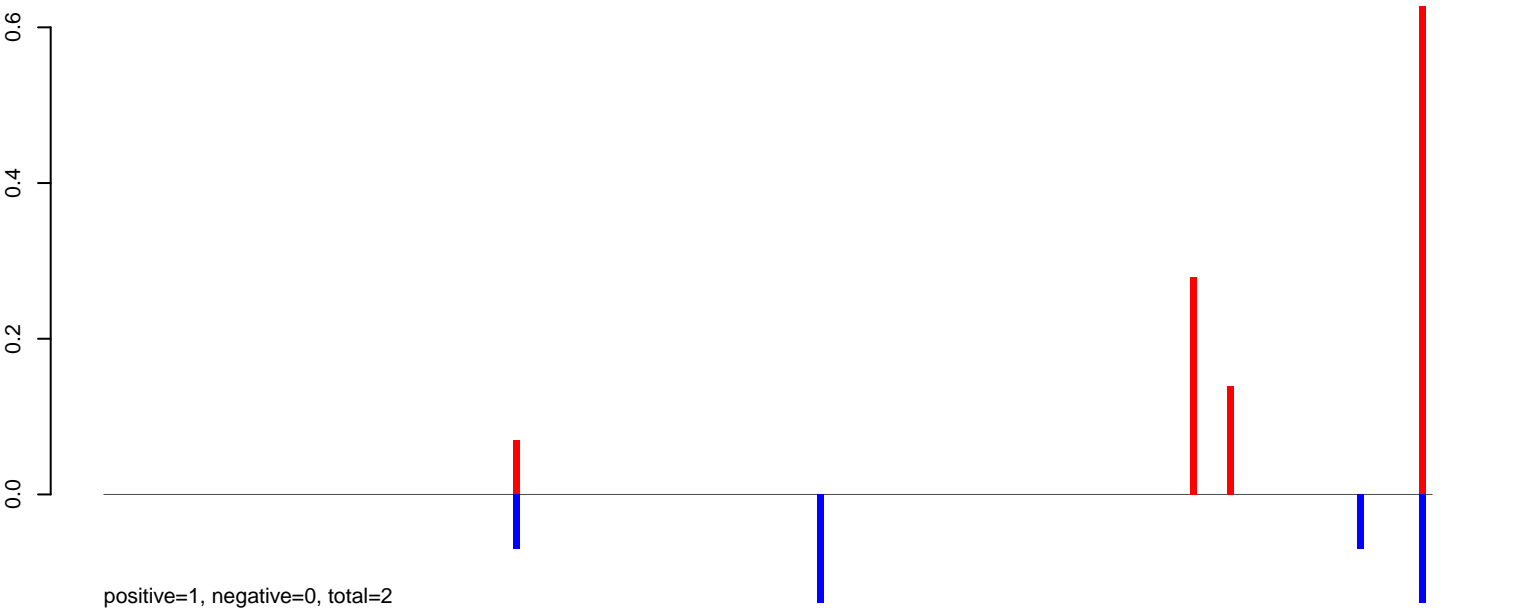


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

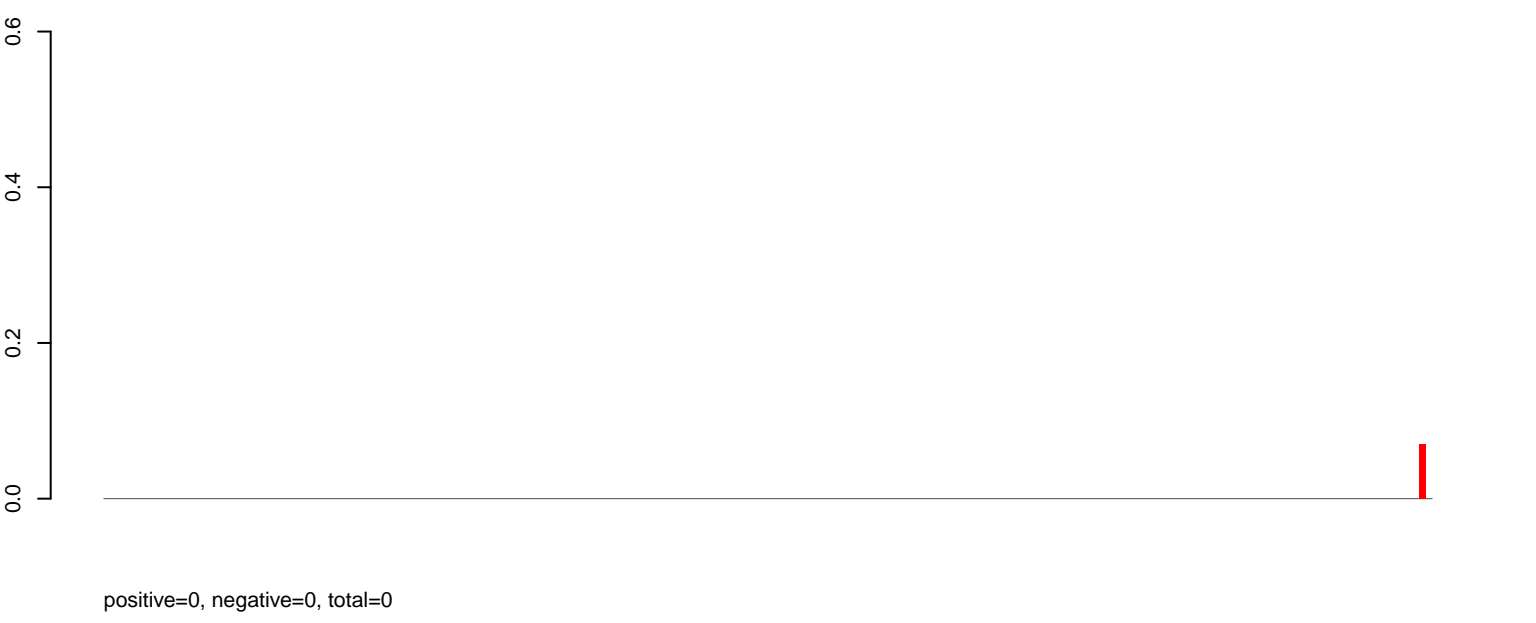


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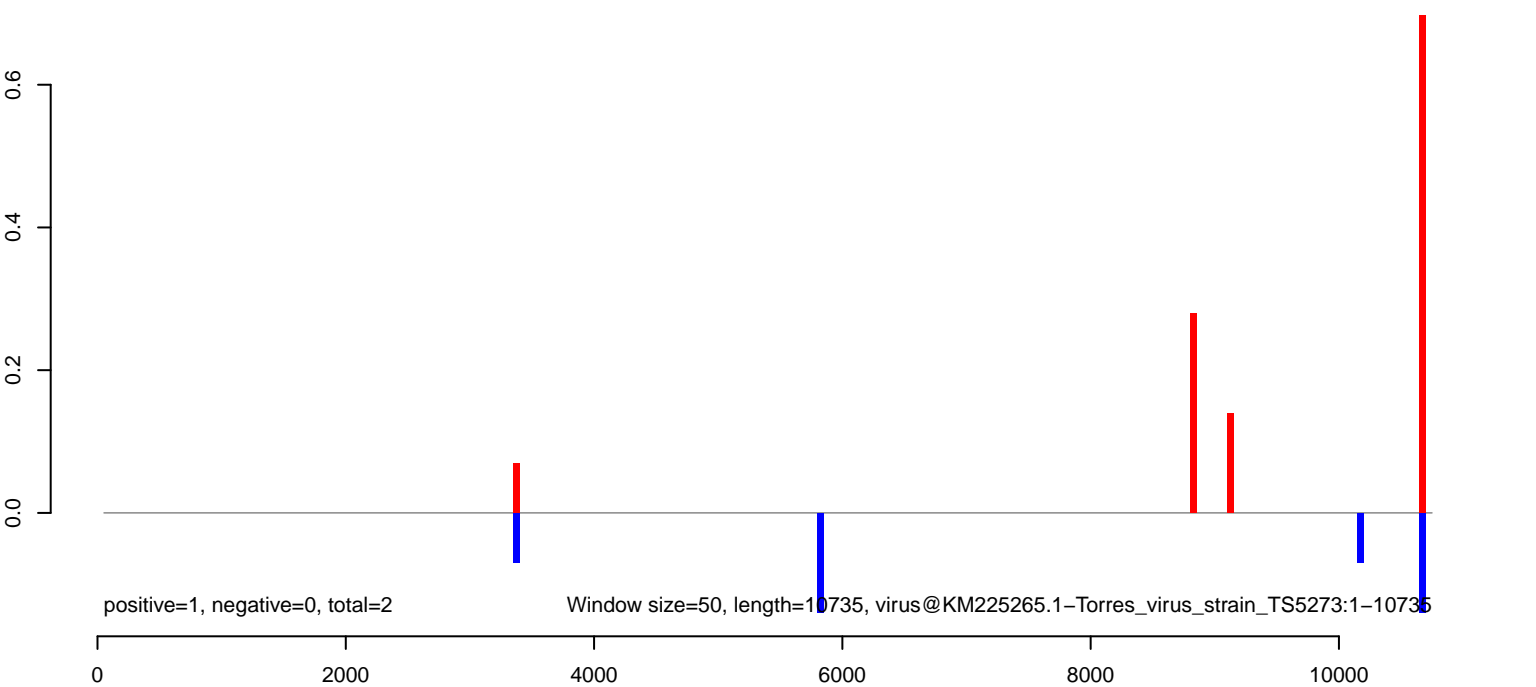
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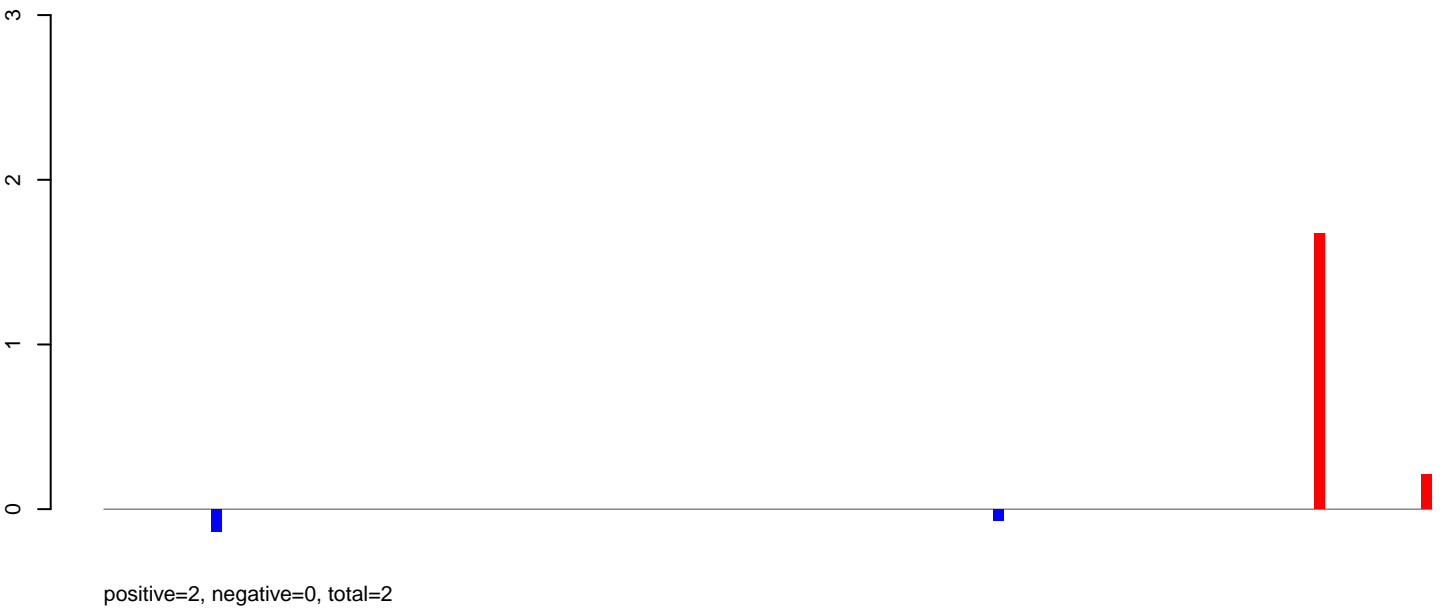
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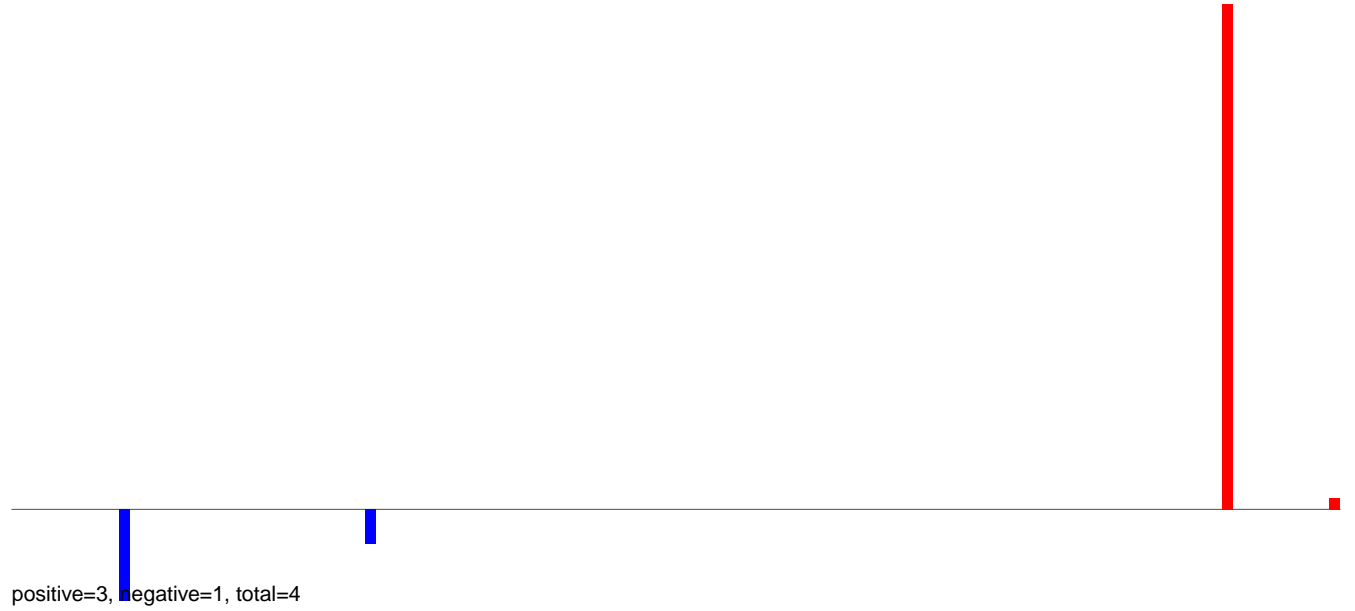
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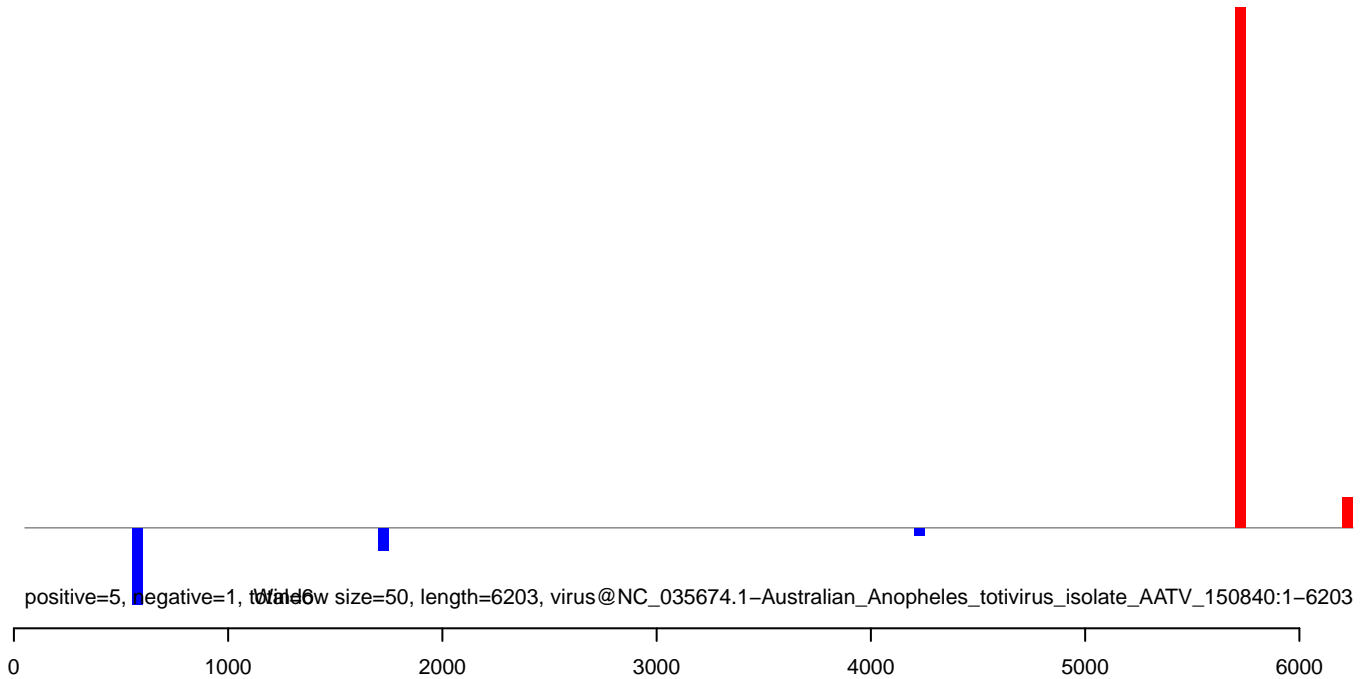
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AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



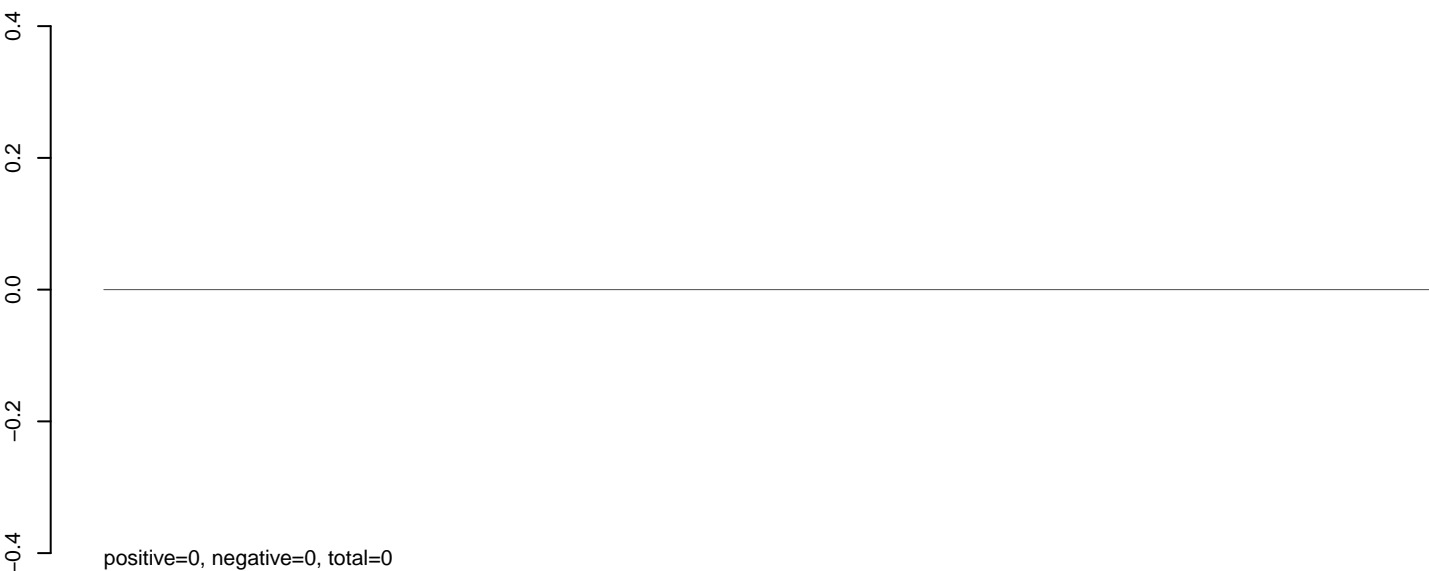
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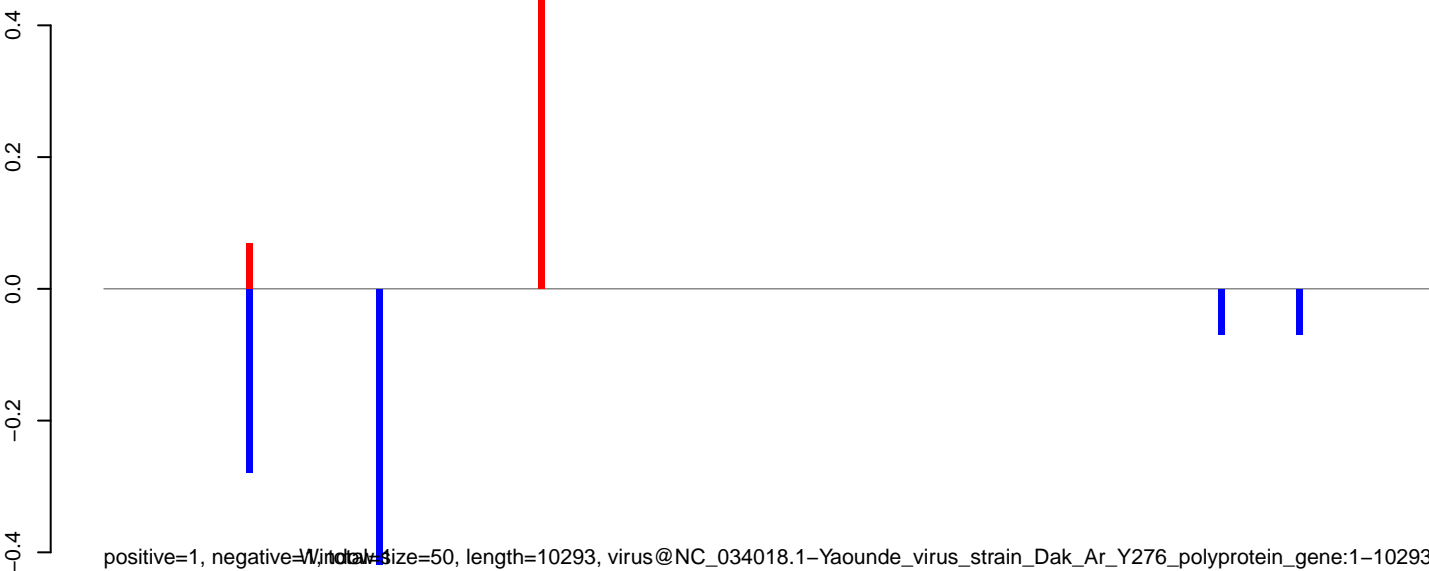
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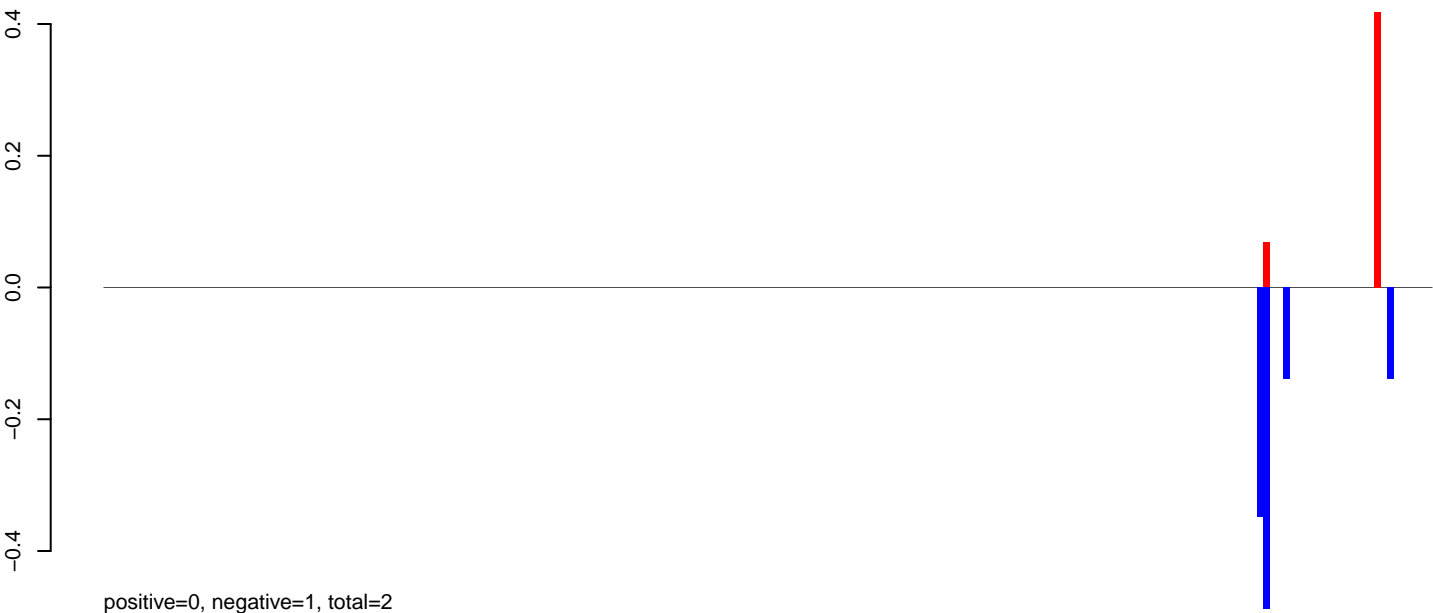
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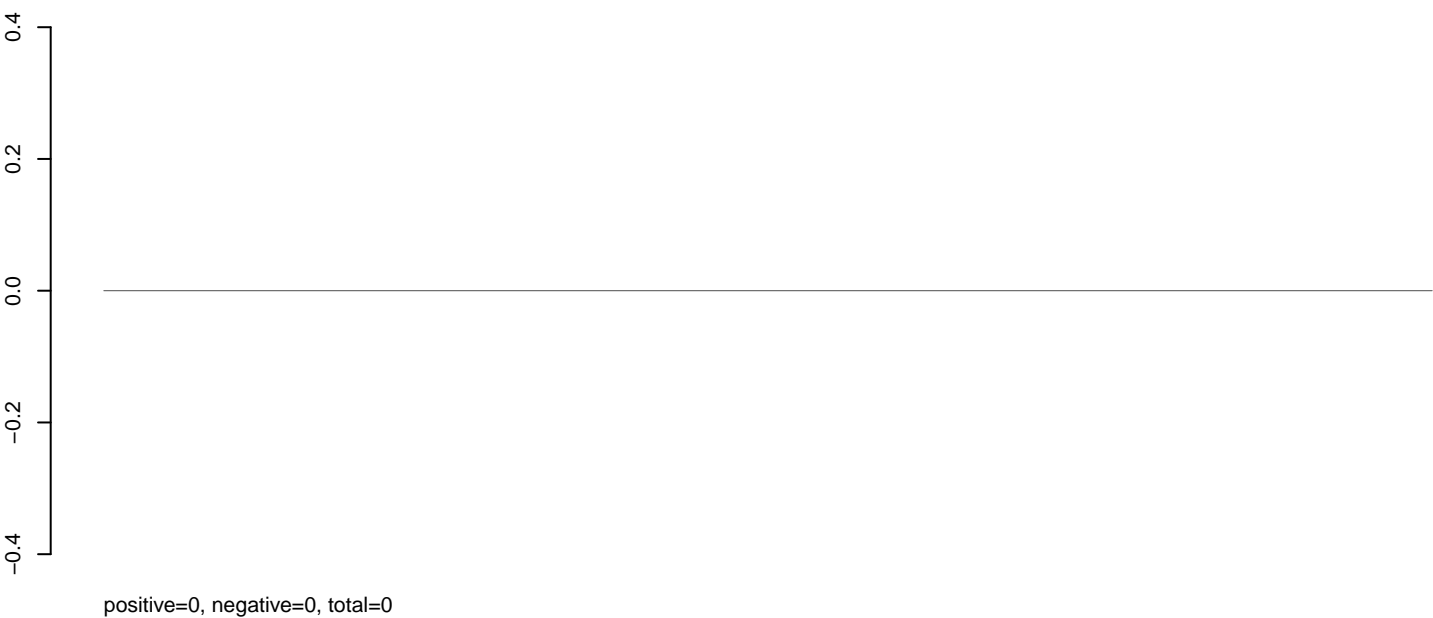
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



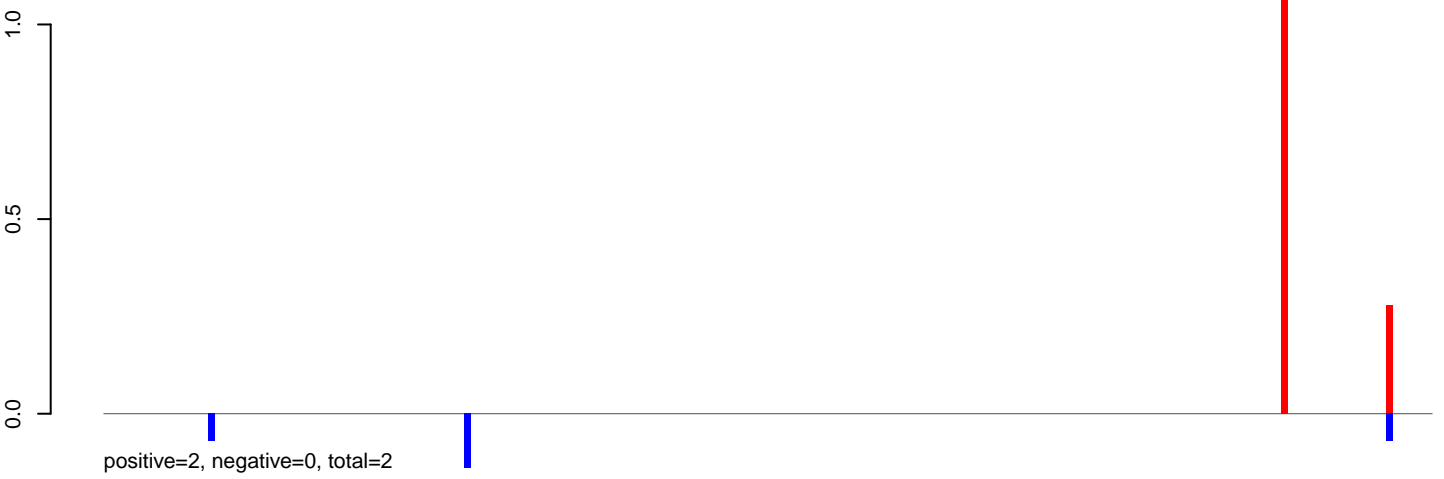
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



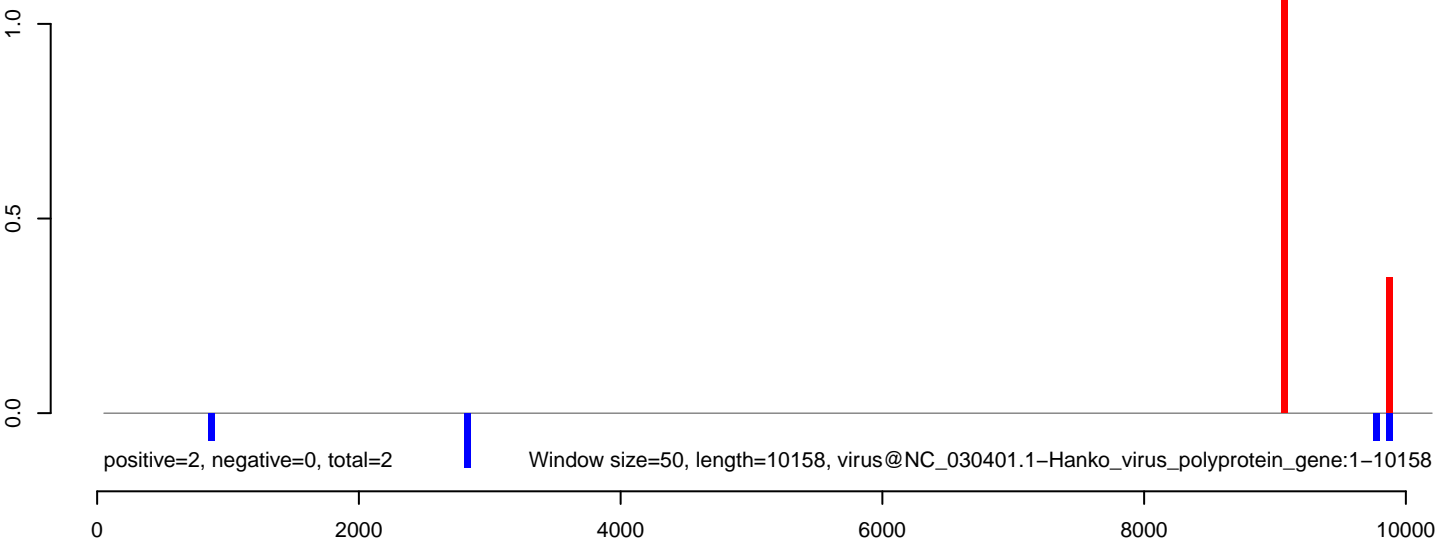
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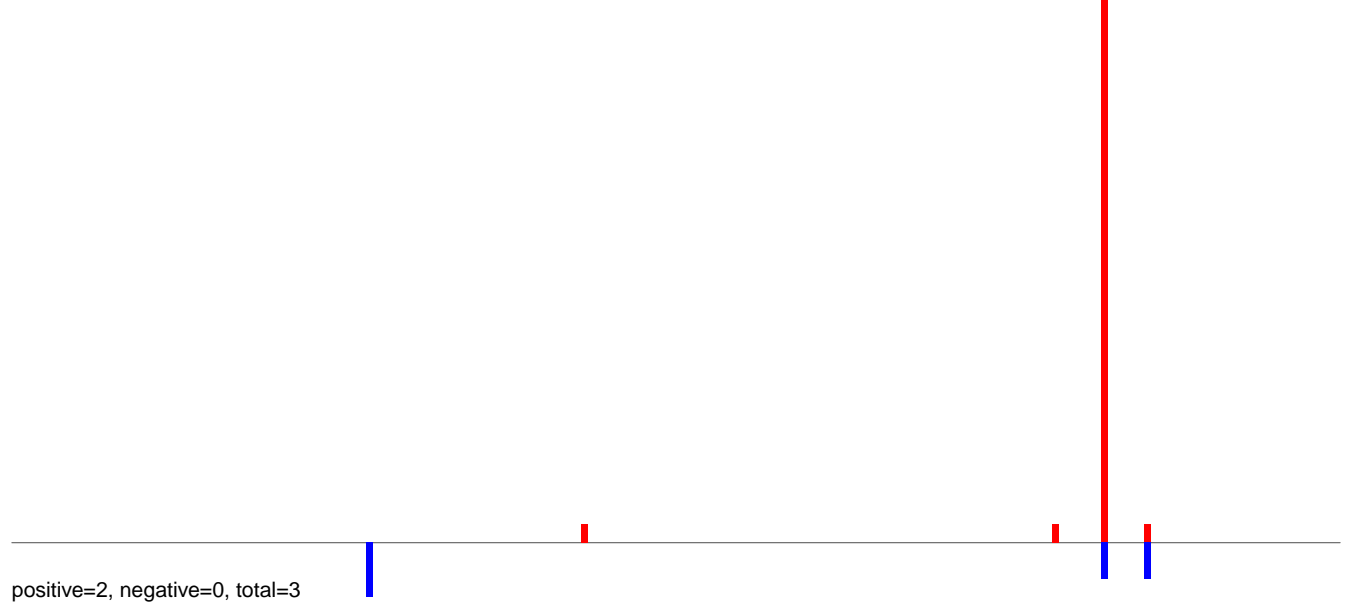
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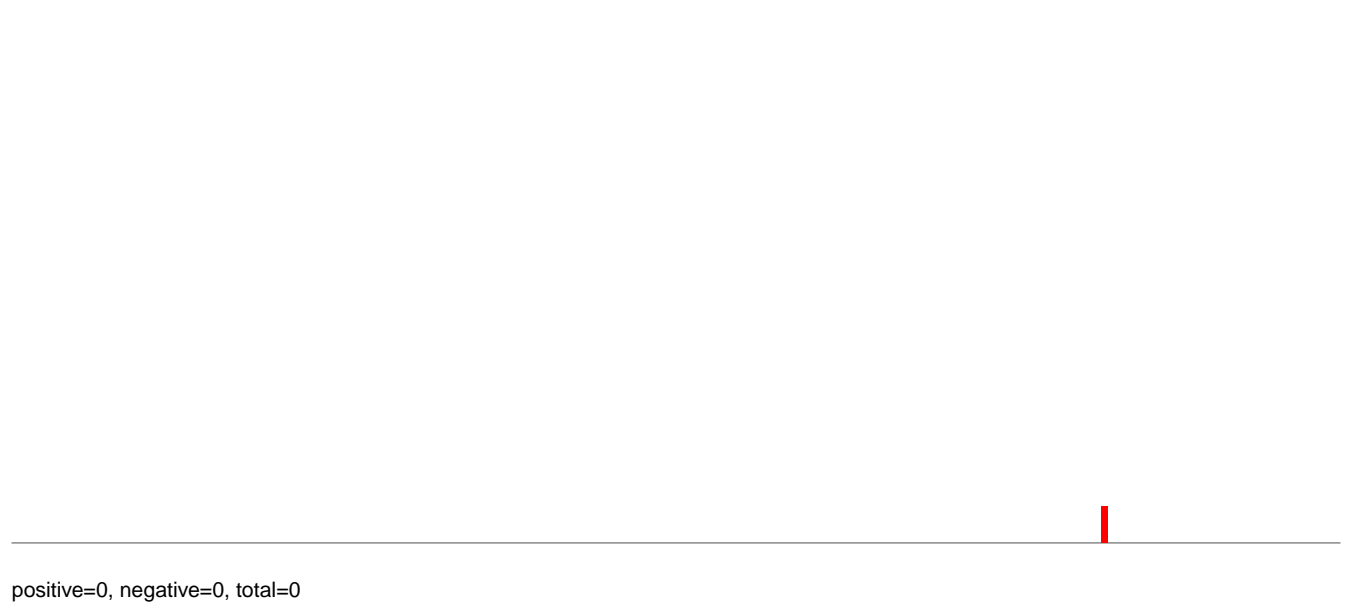
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



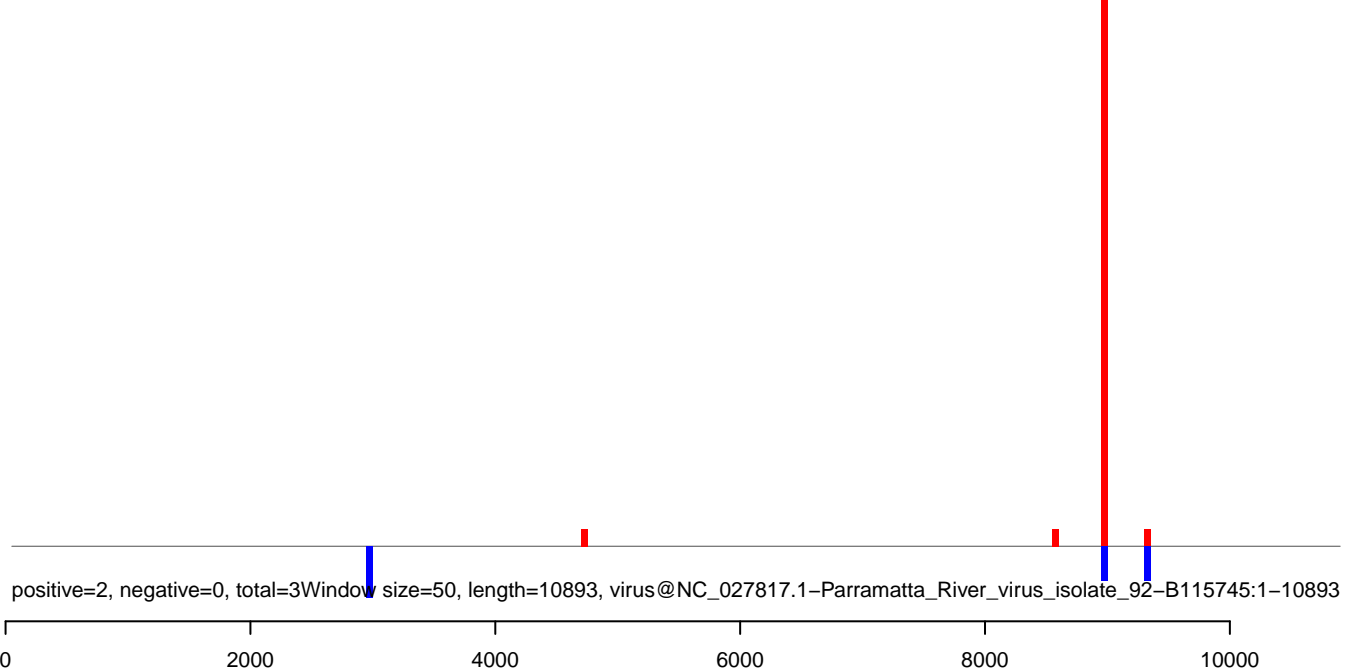
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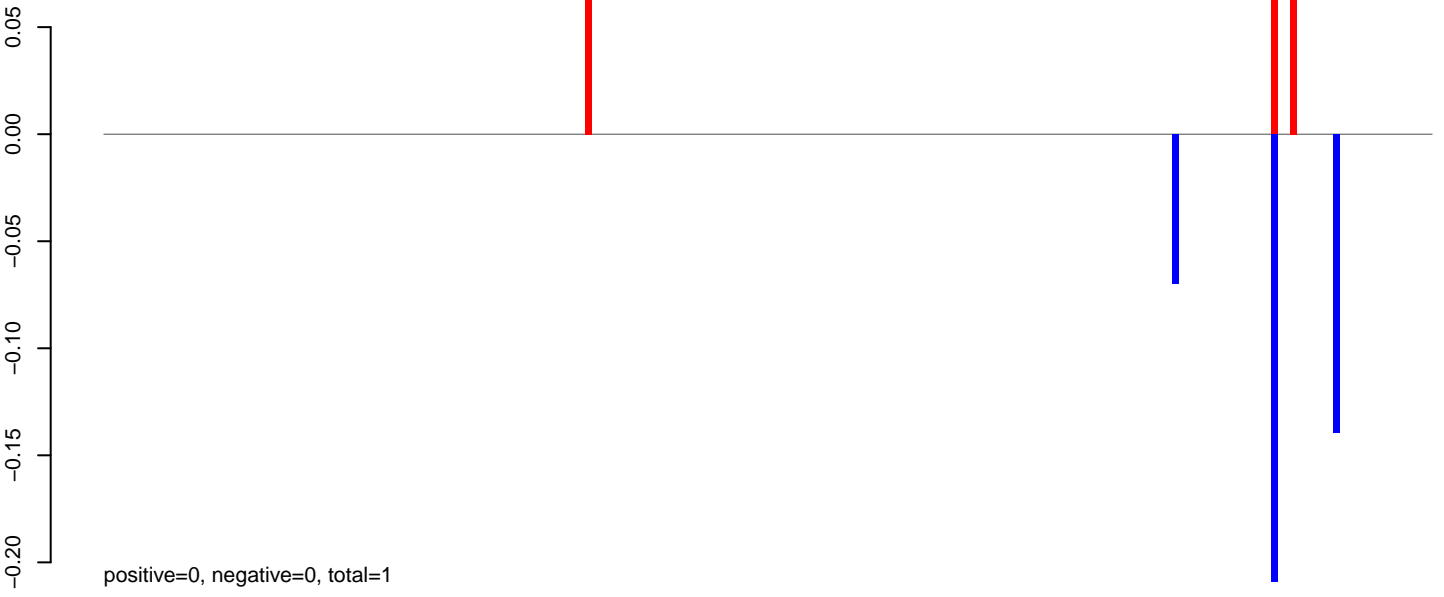
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



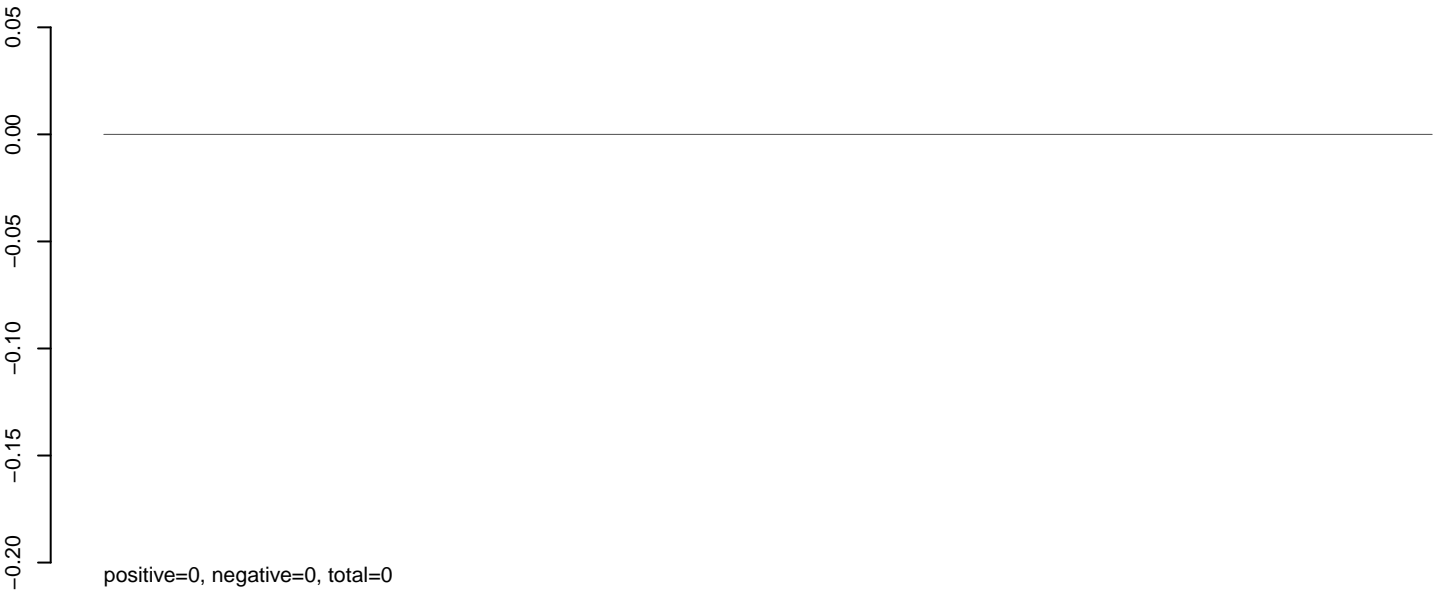
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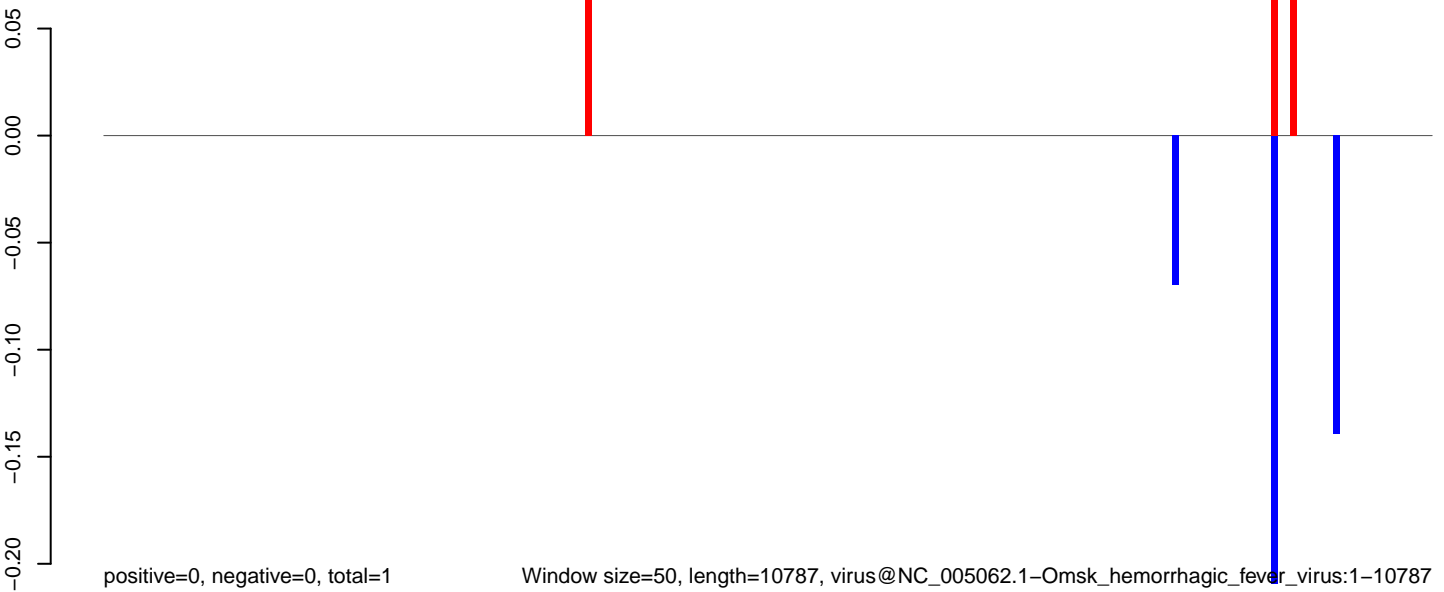
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

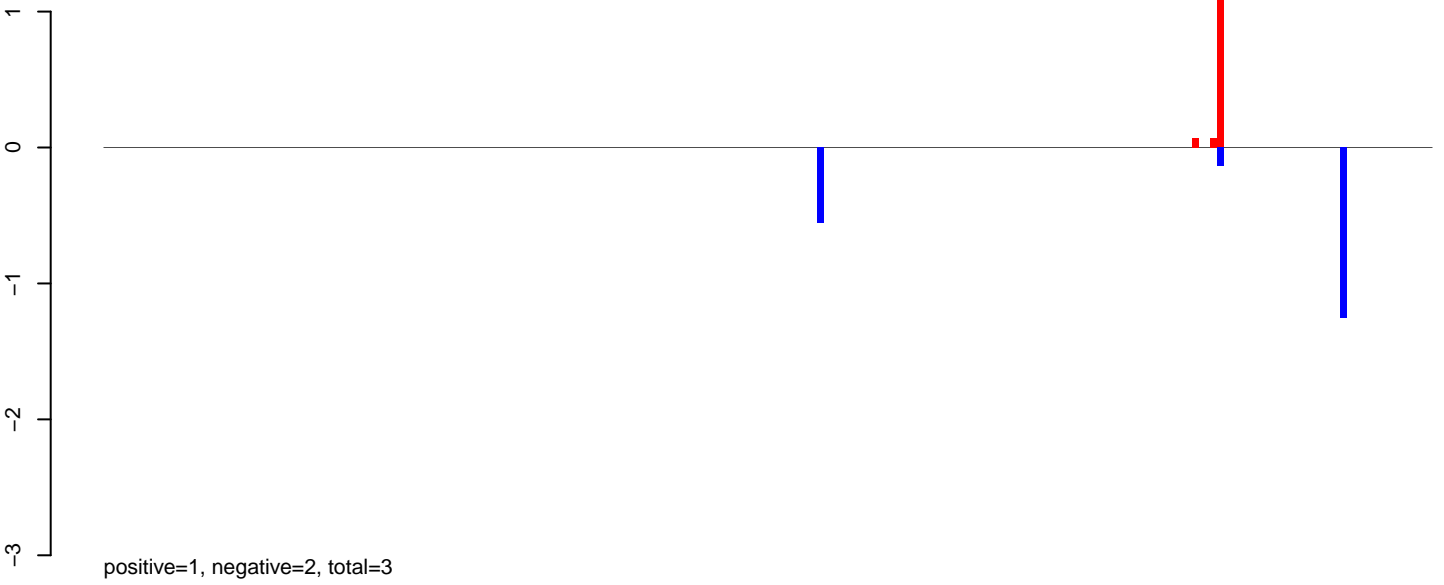


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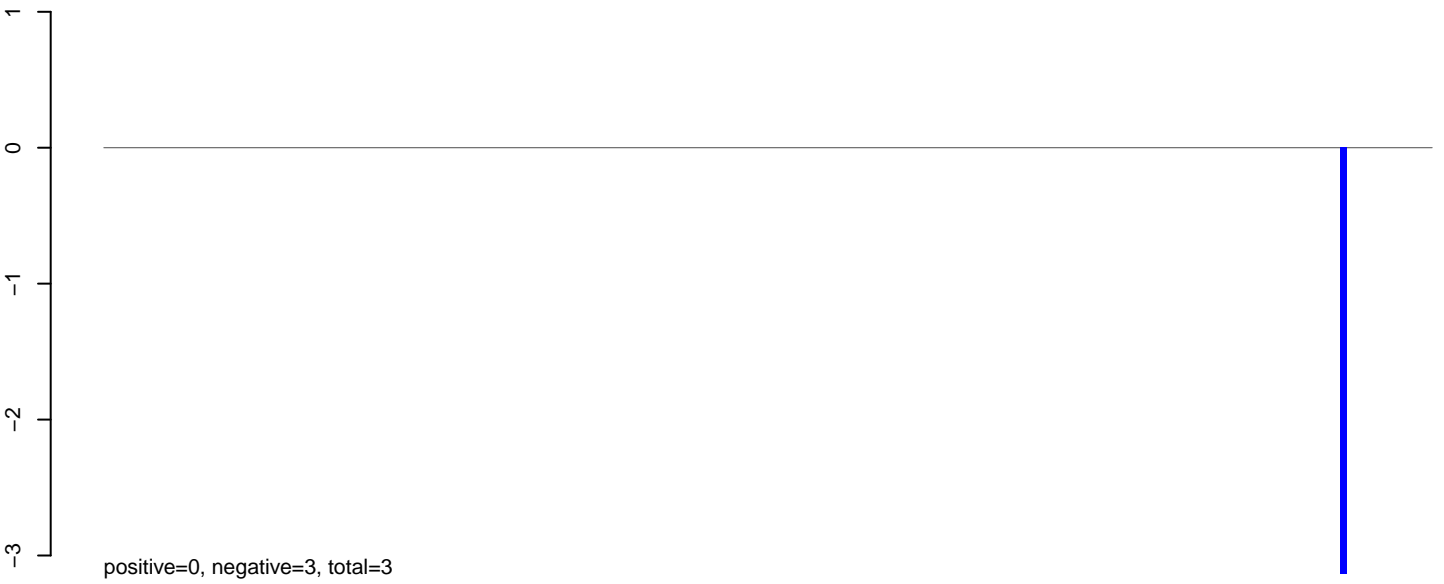
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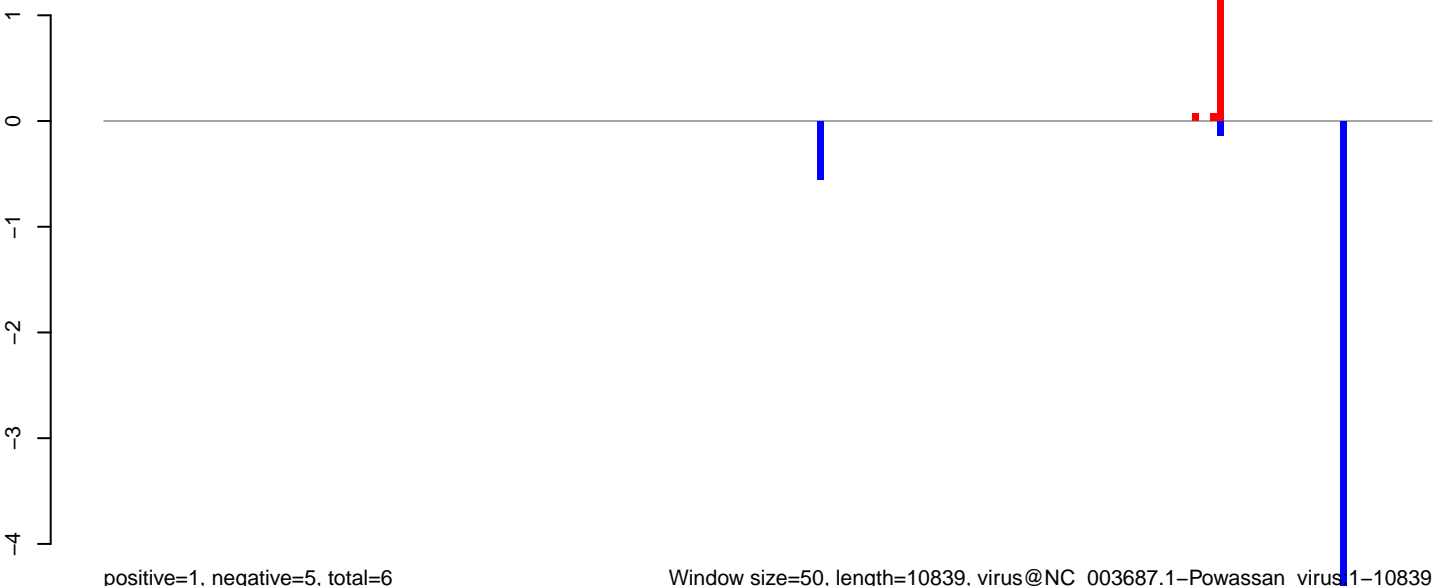
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



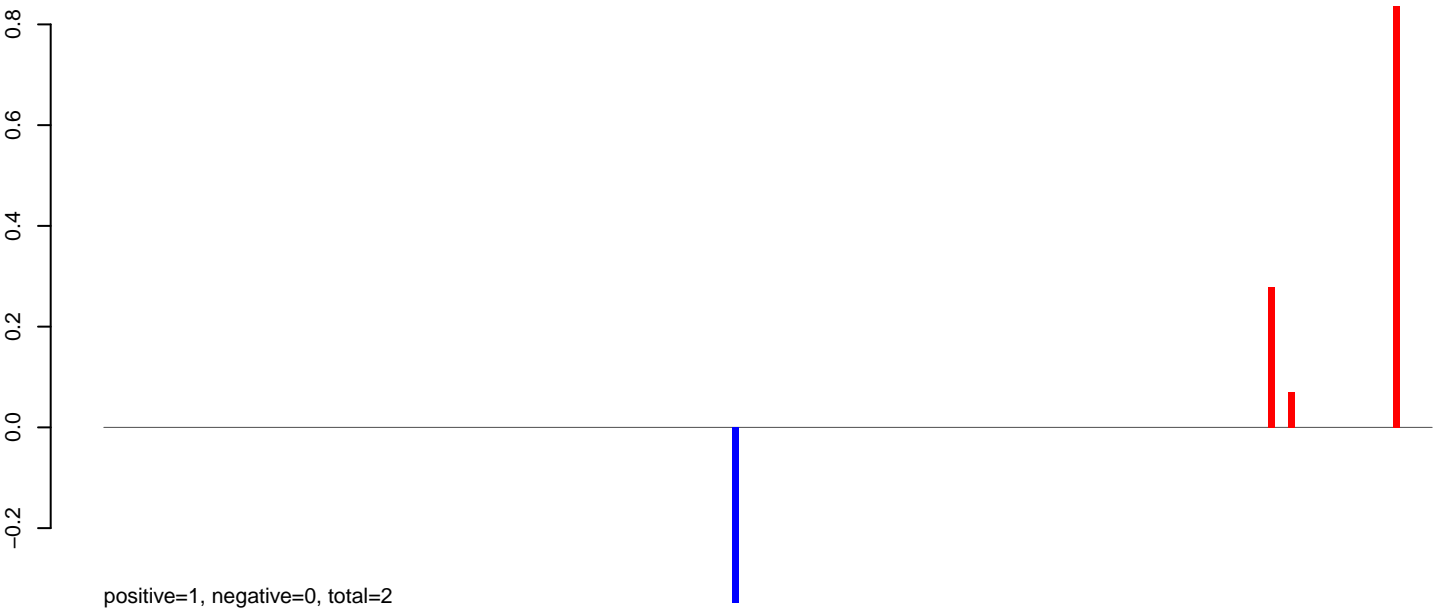
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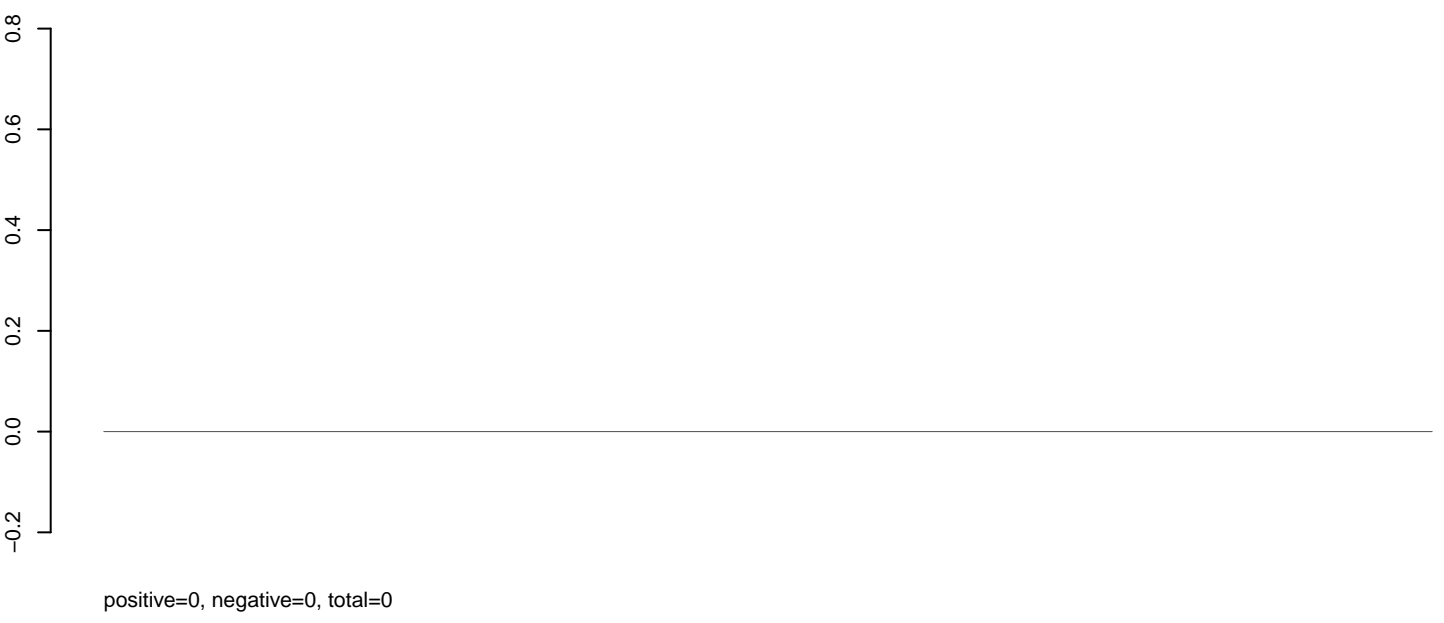
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0 2000 4000 6000 8000 10000

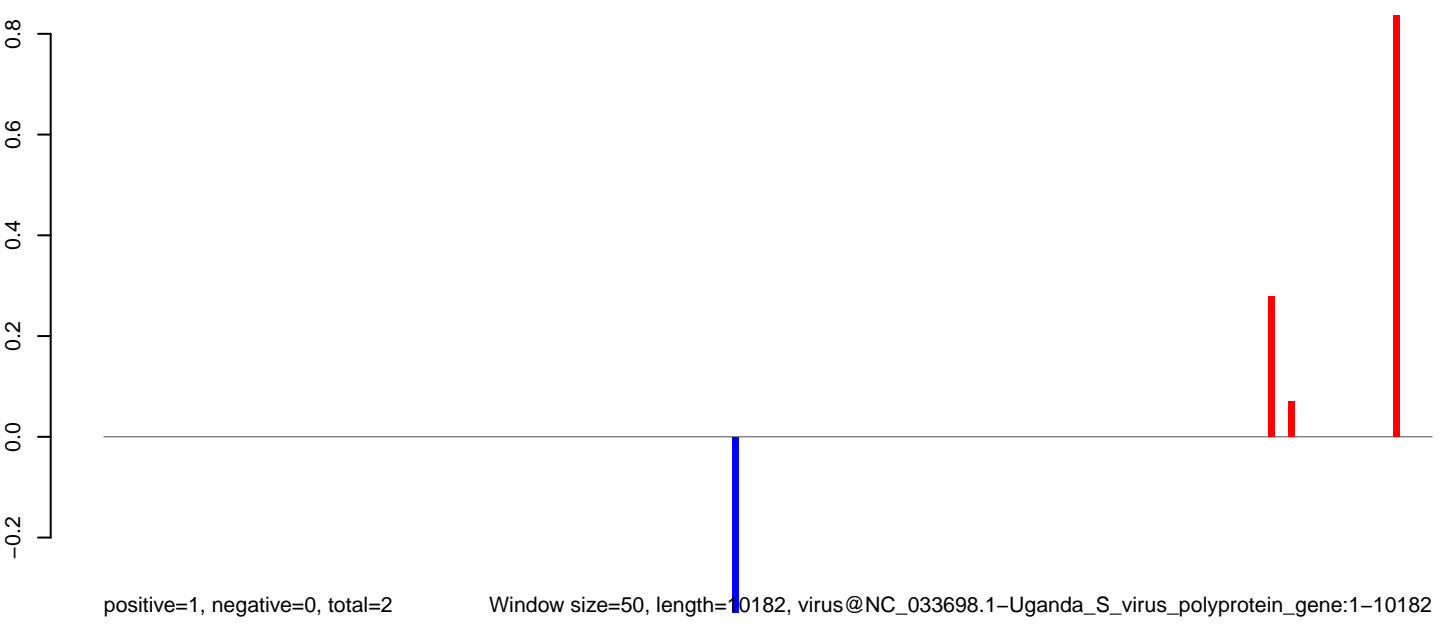
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



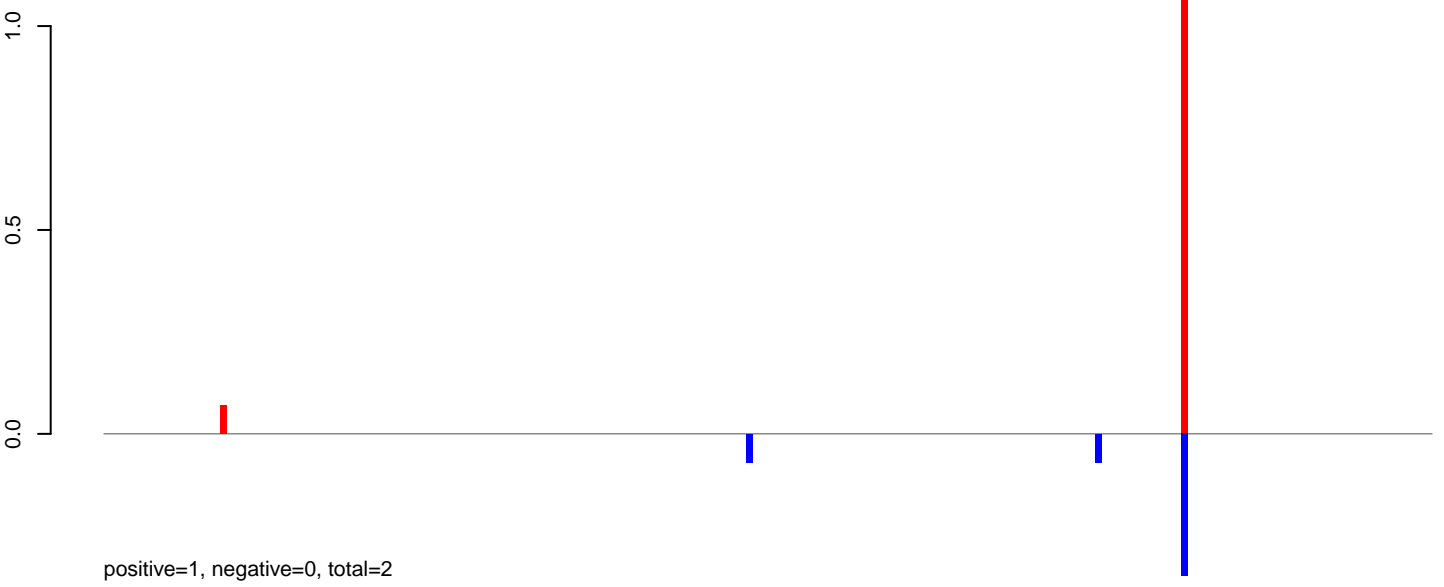
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



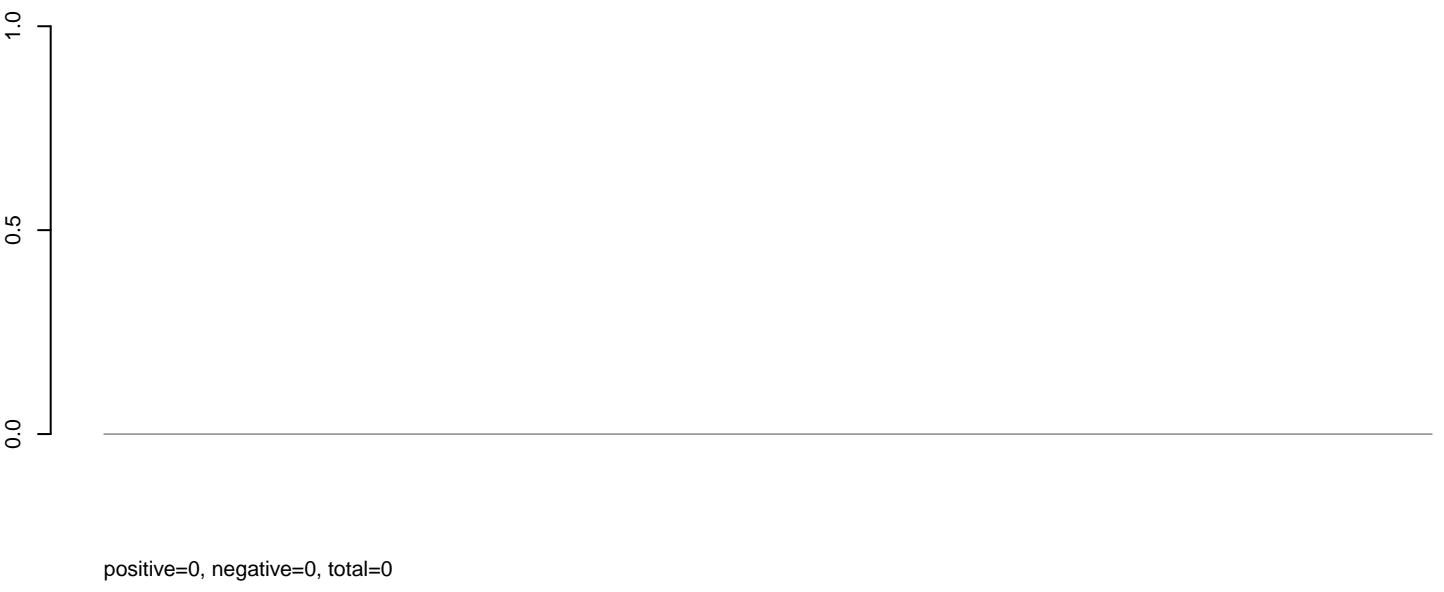
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0 2000 4000 6000 8000 10000

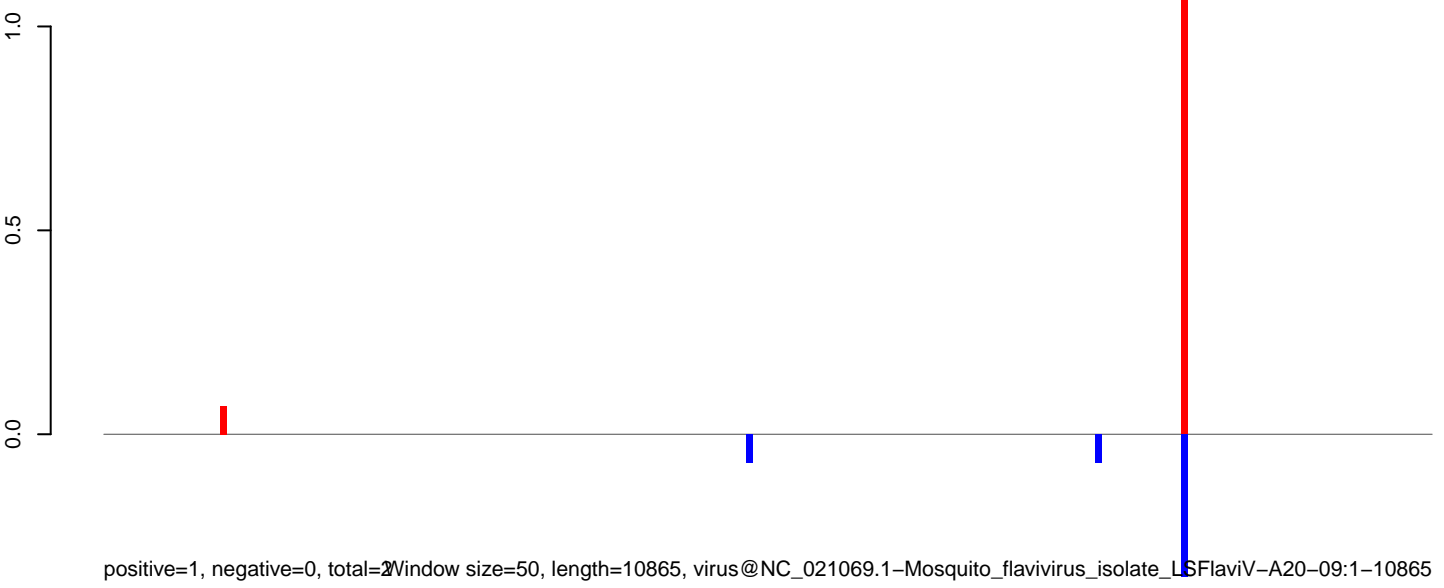
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



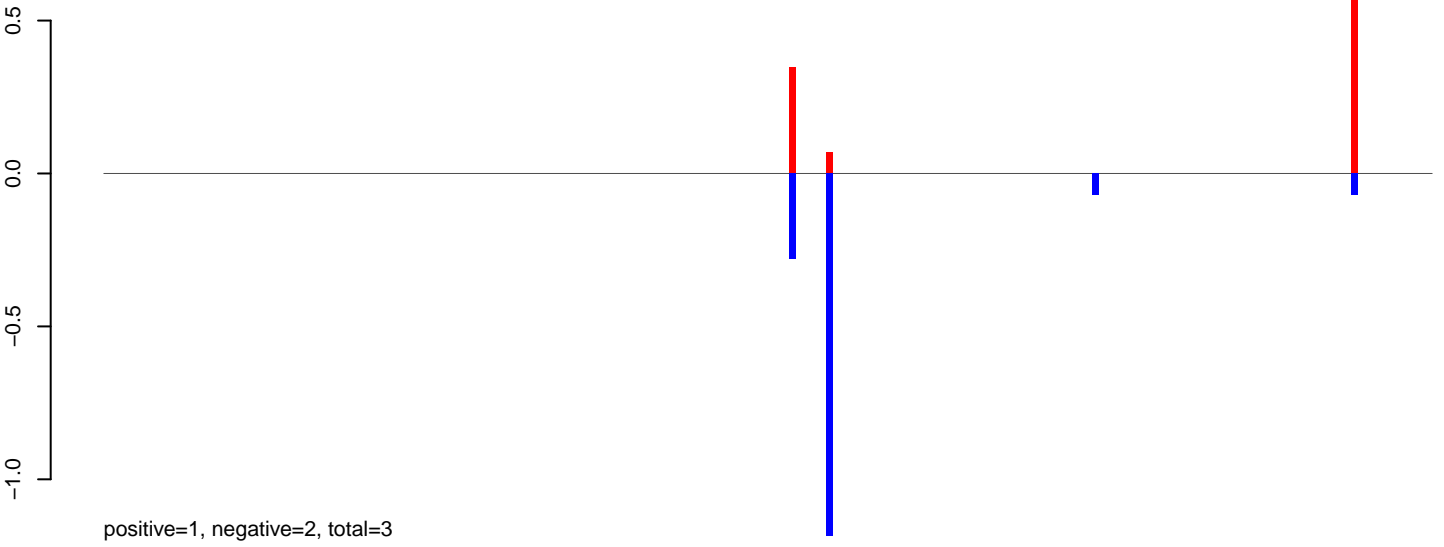
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



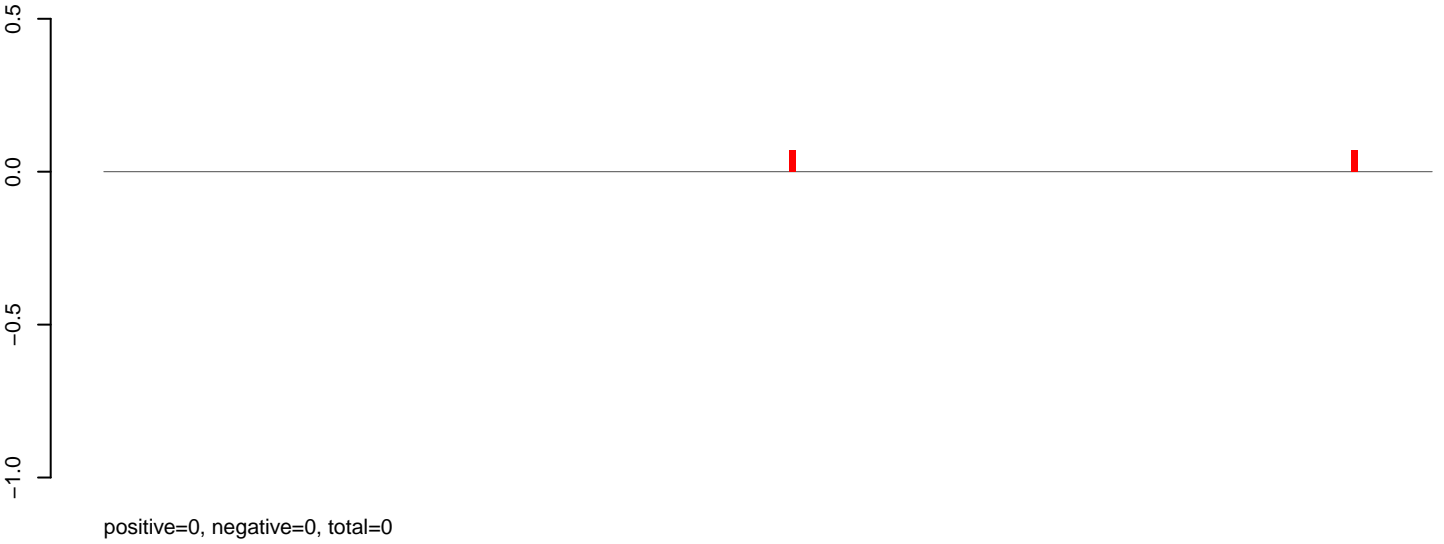
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0 2000 4000 6000 8000 10000

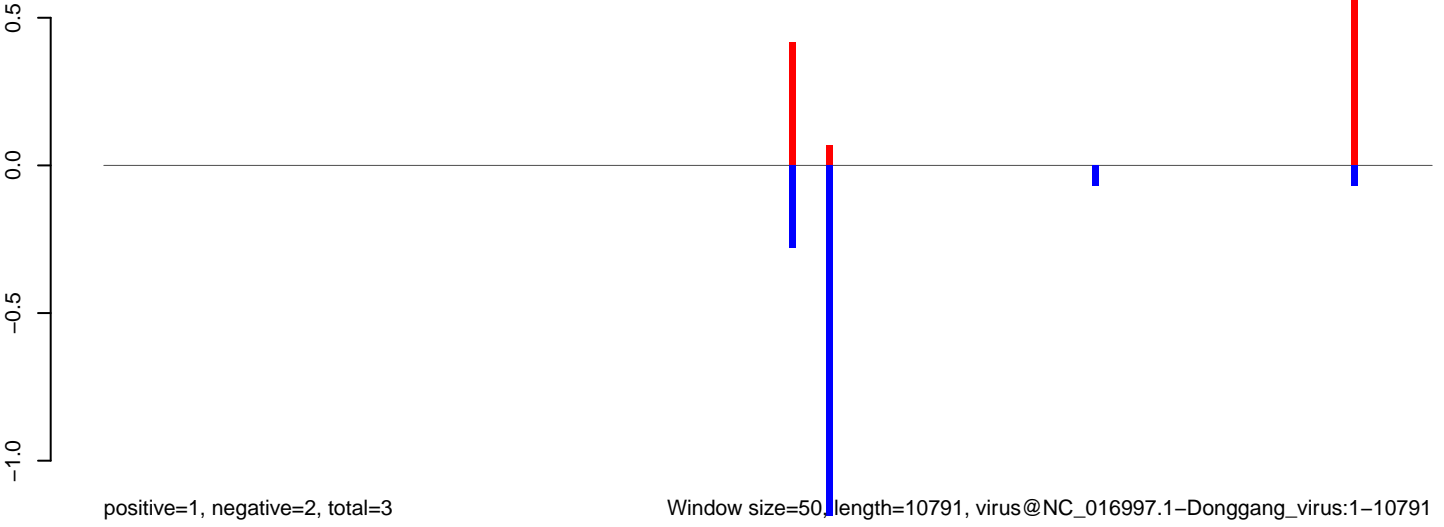
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



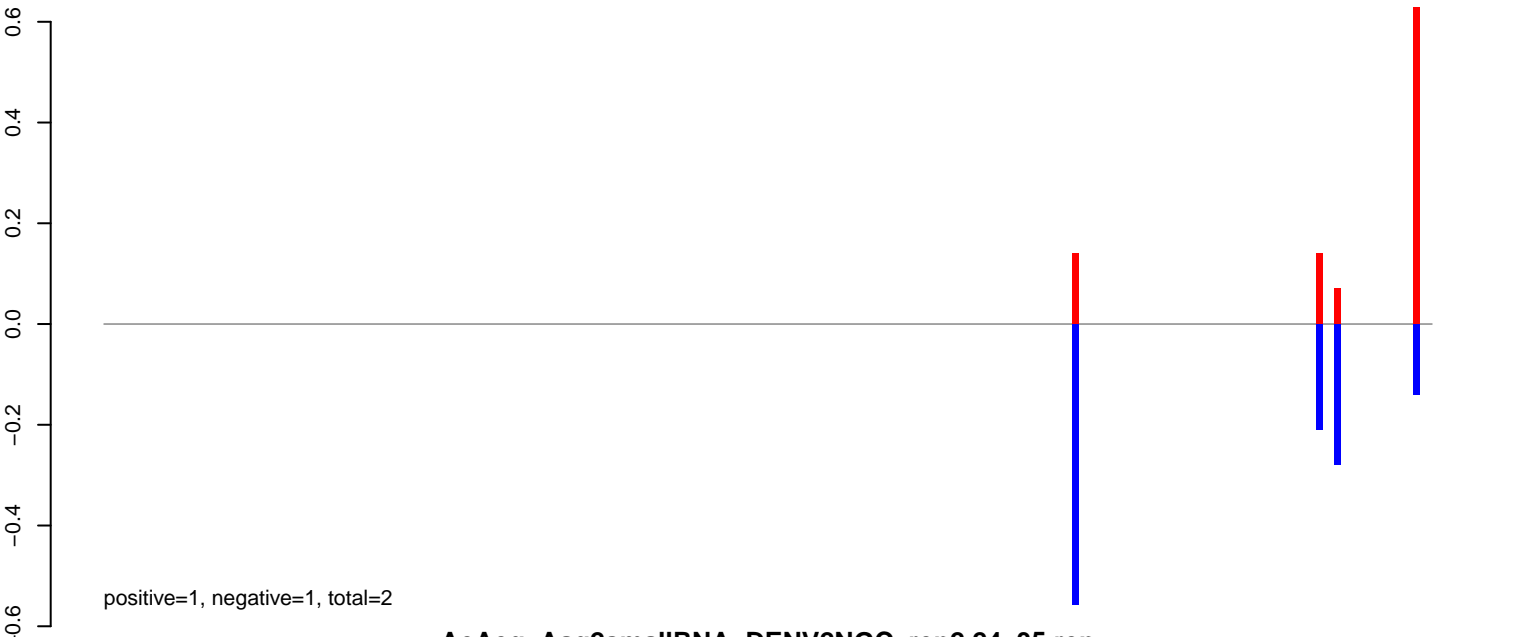
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



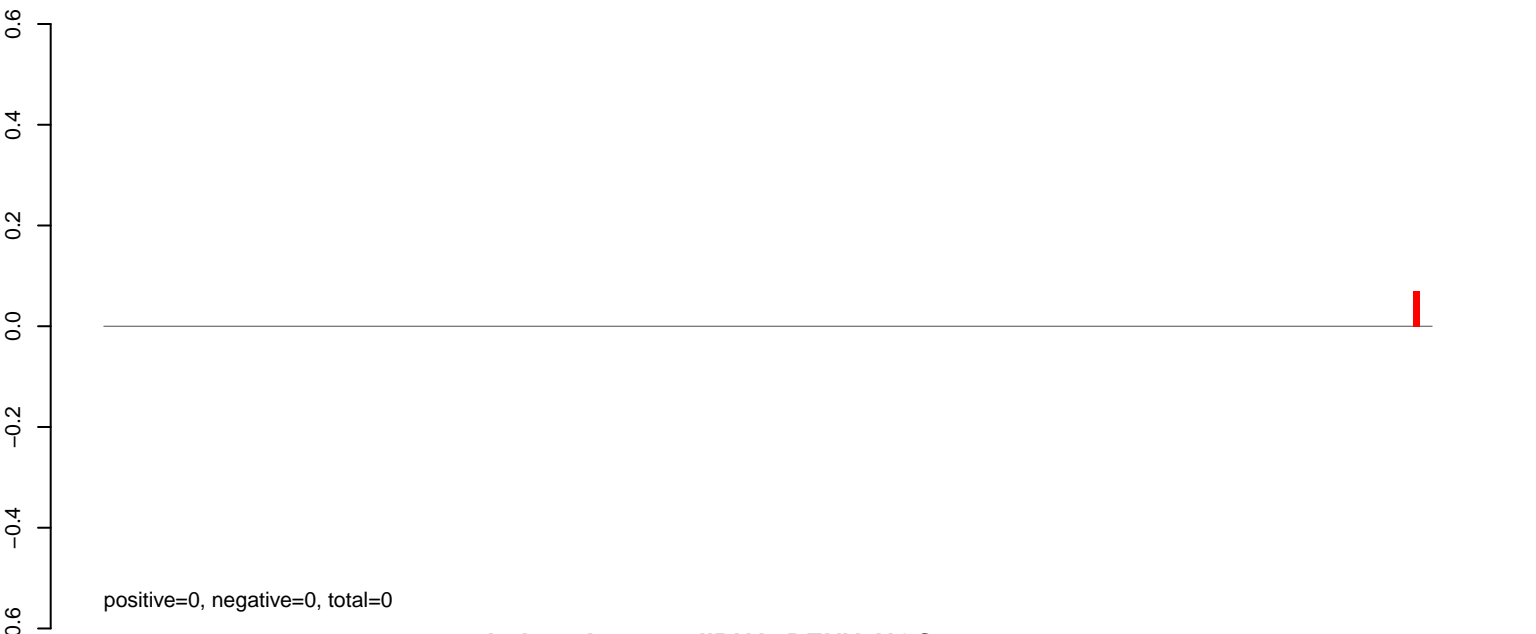
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0 2000 4000 6000 8000 10000

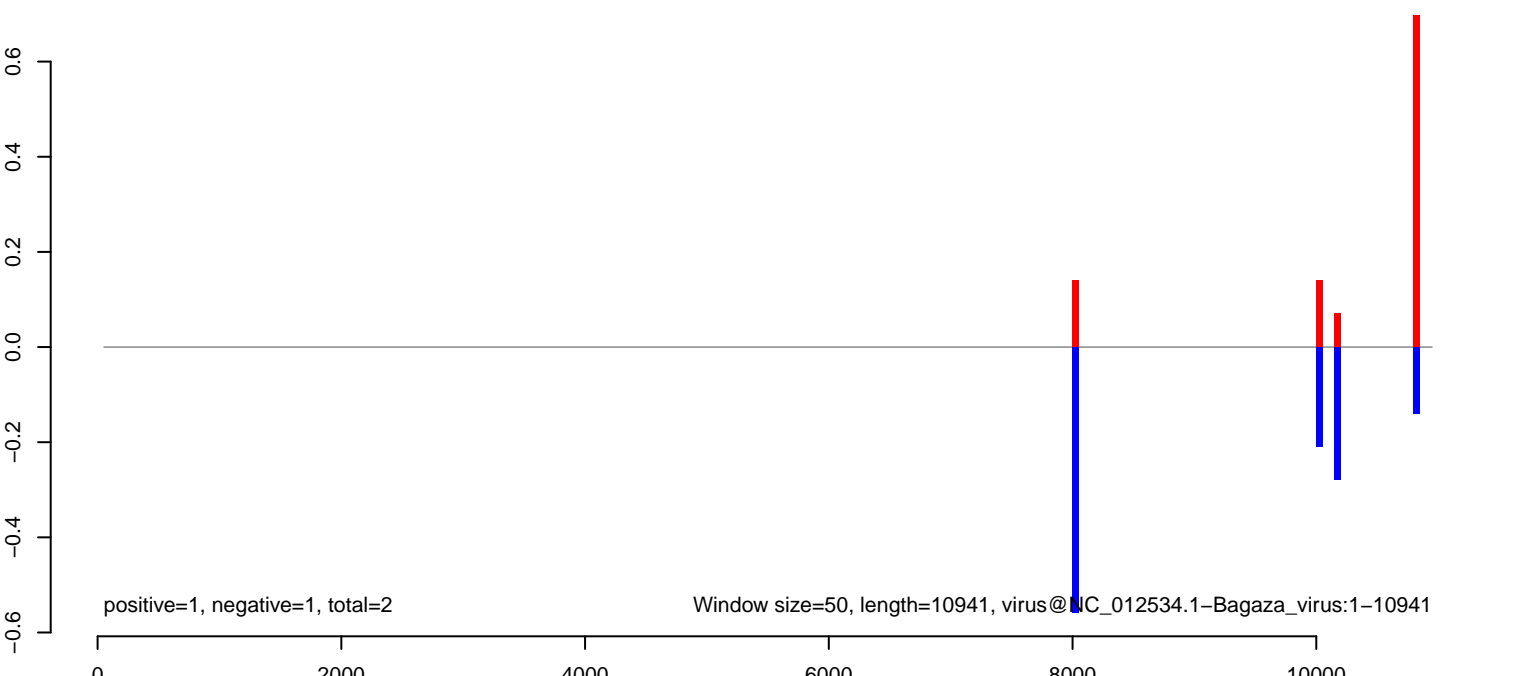
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



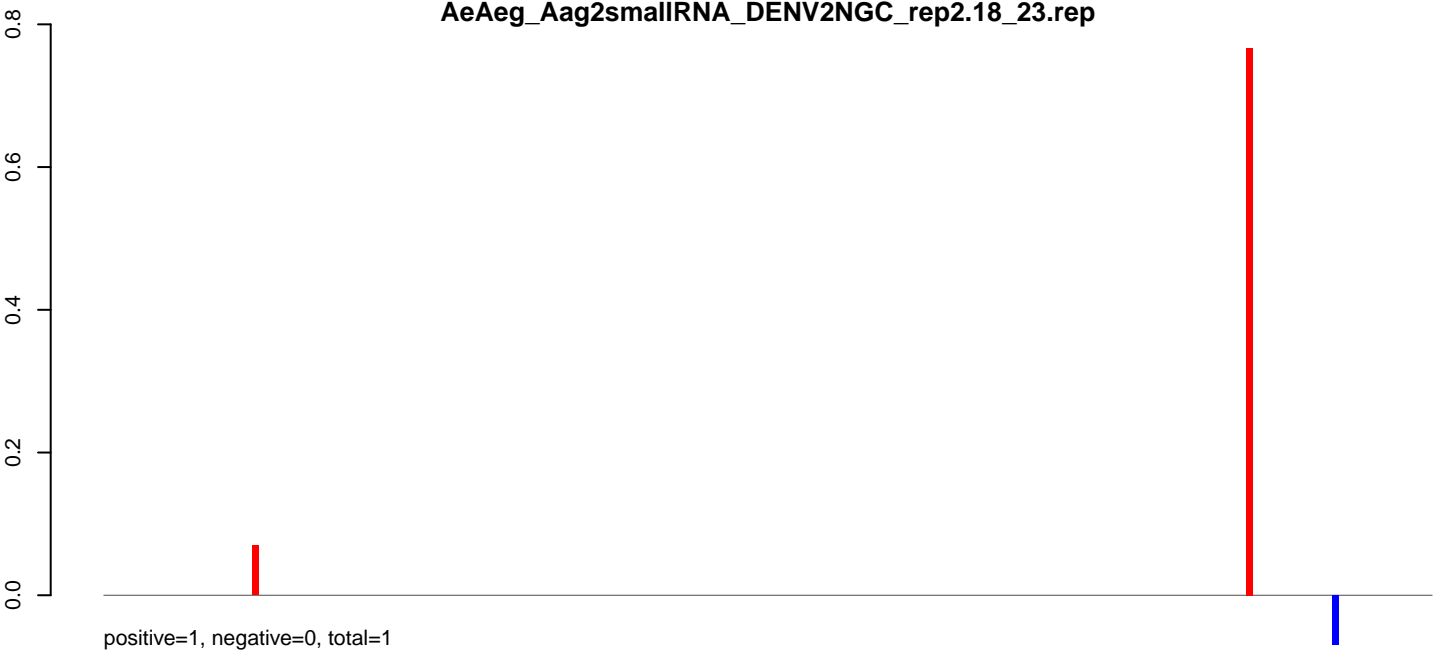
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



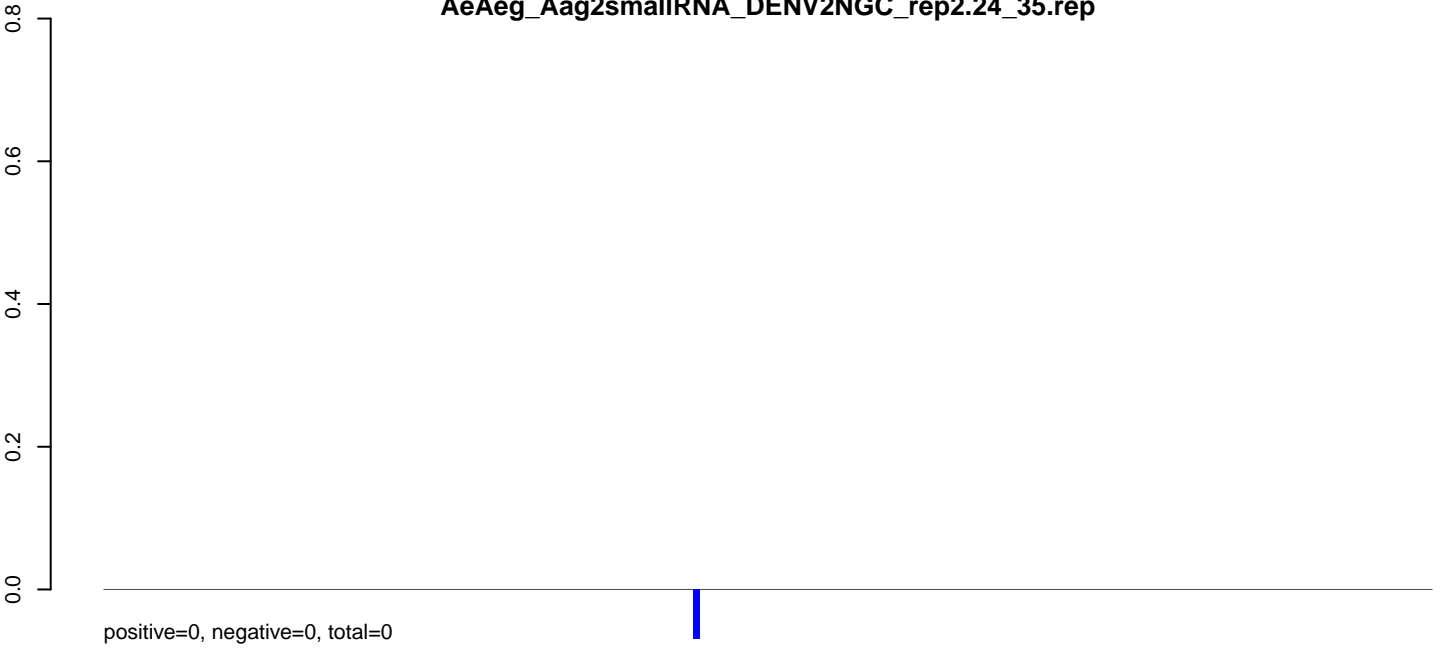
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



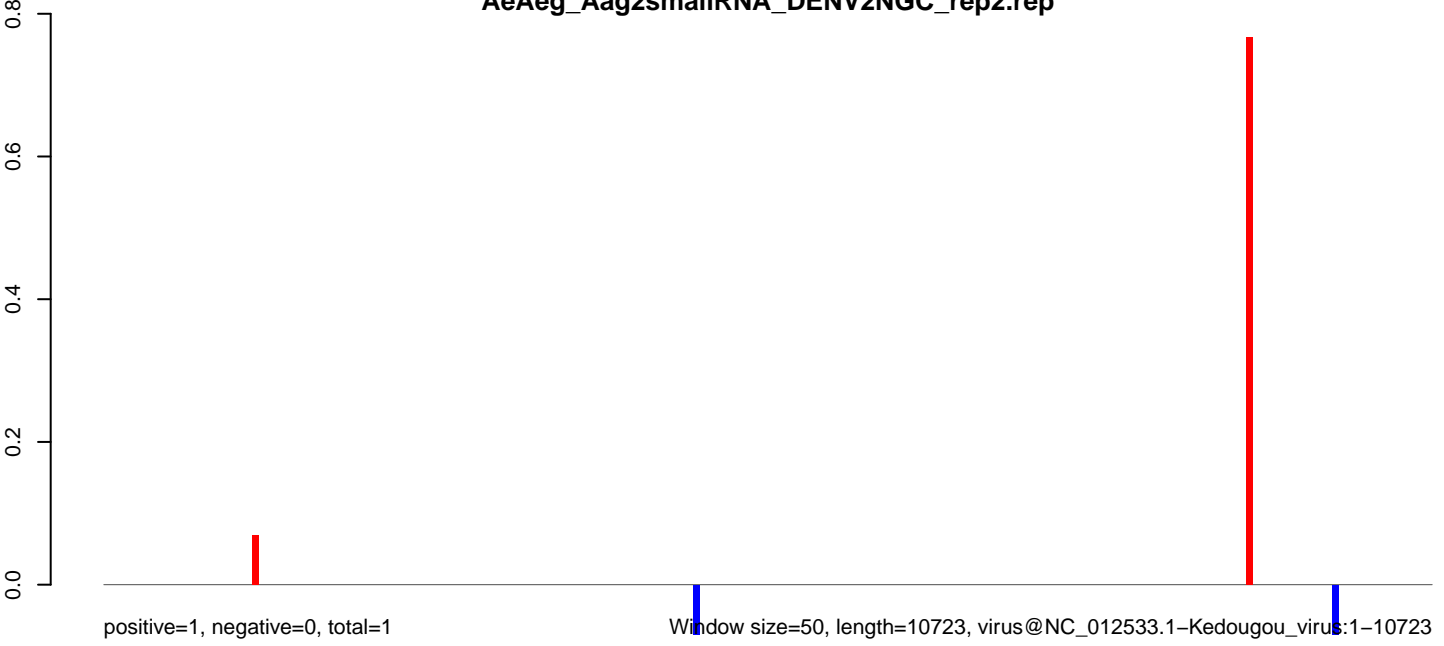
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



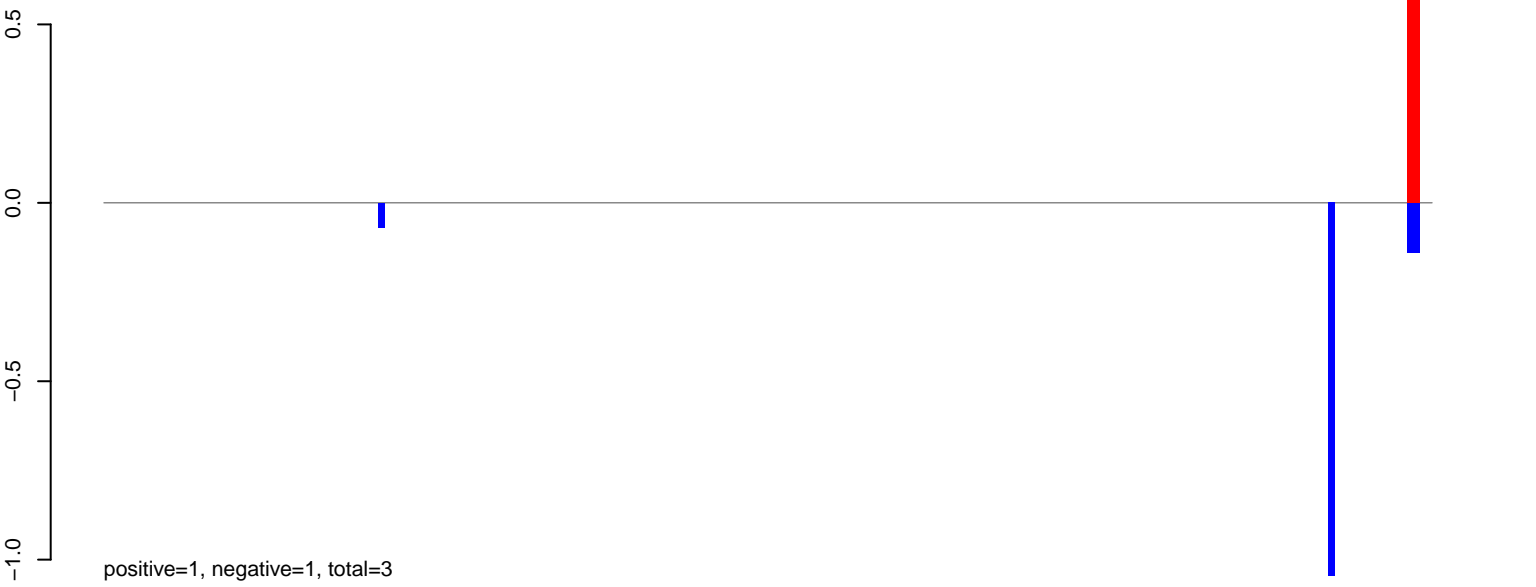
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



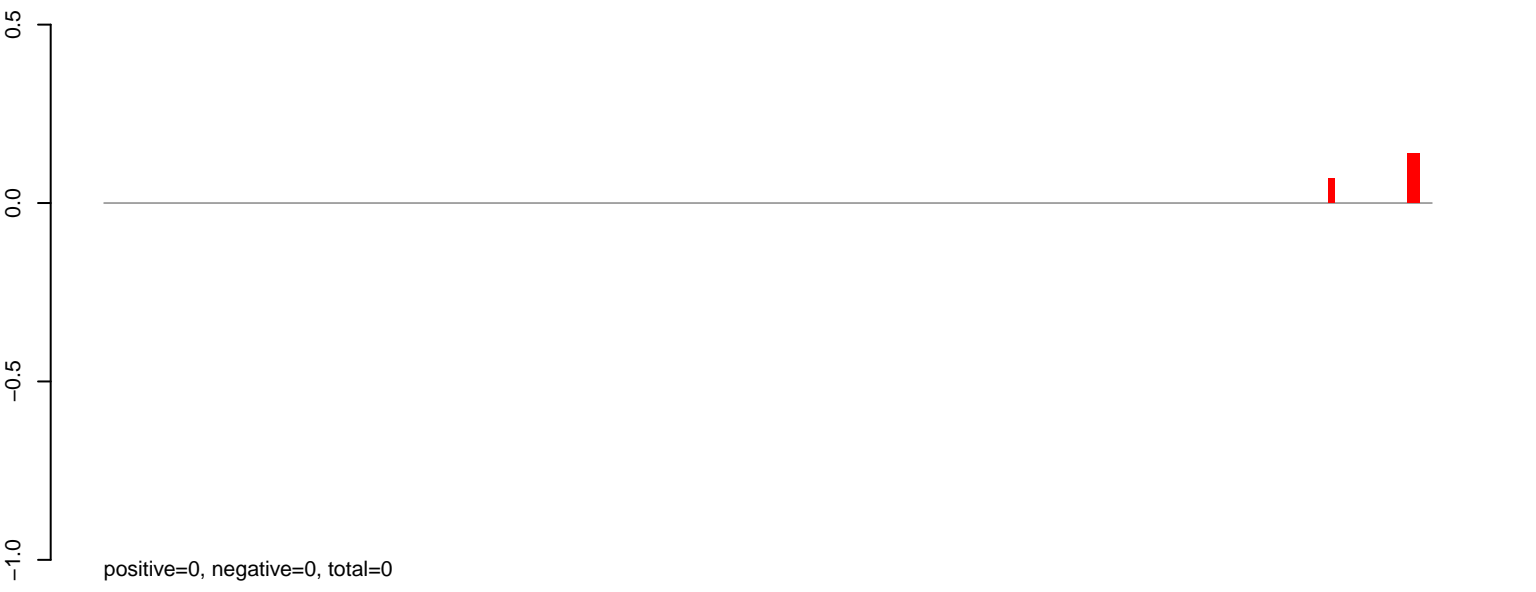
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0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



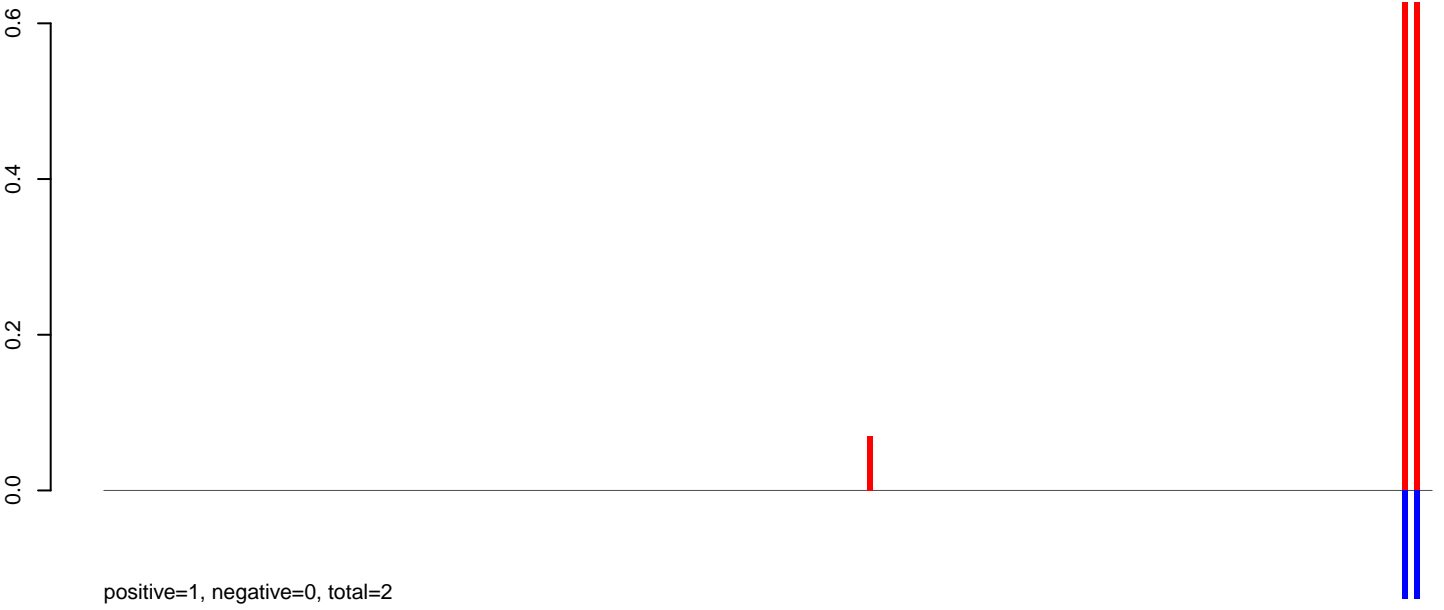
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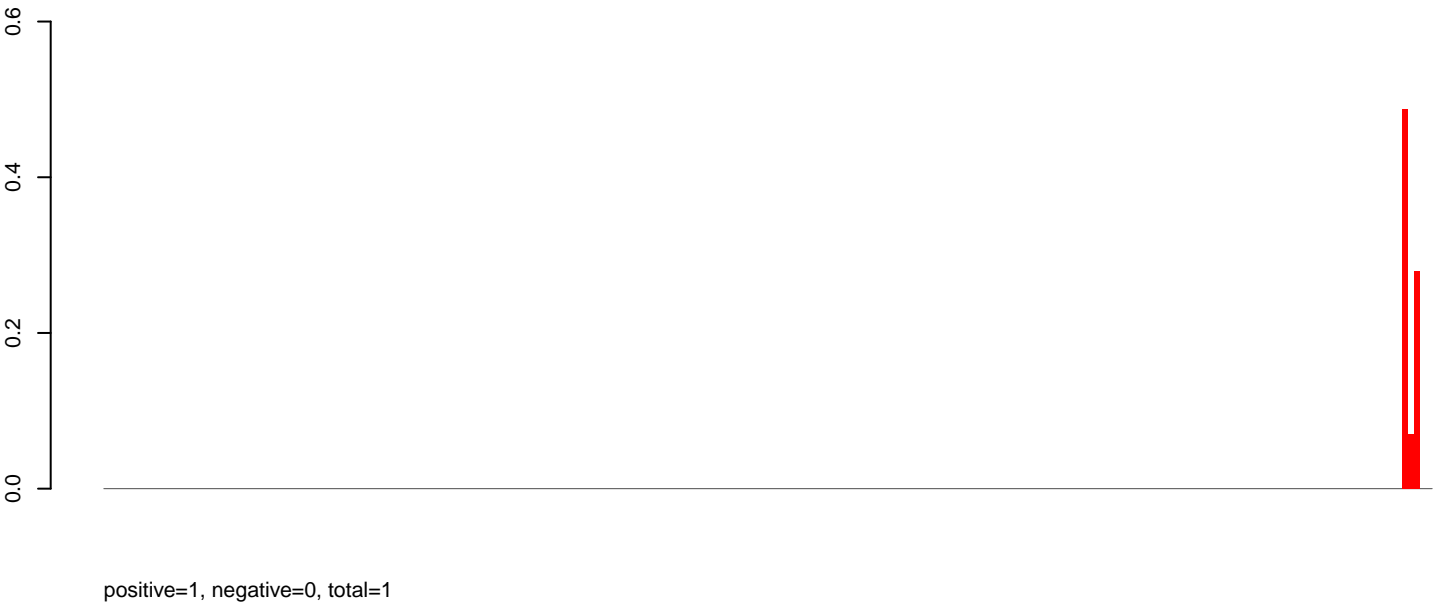
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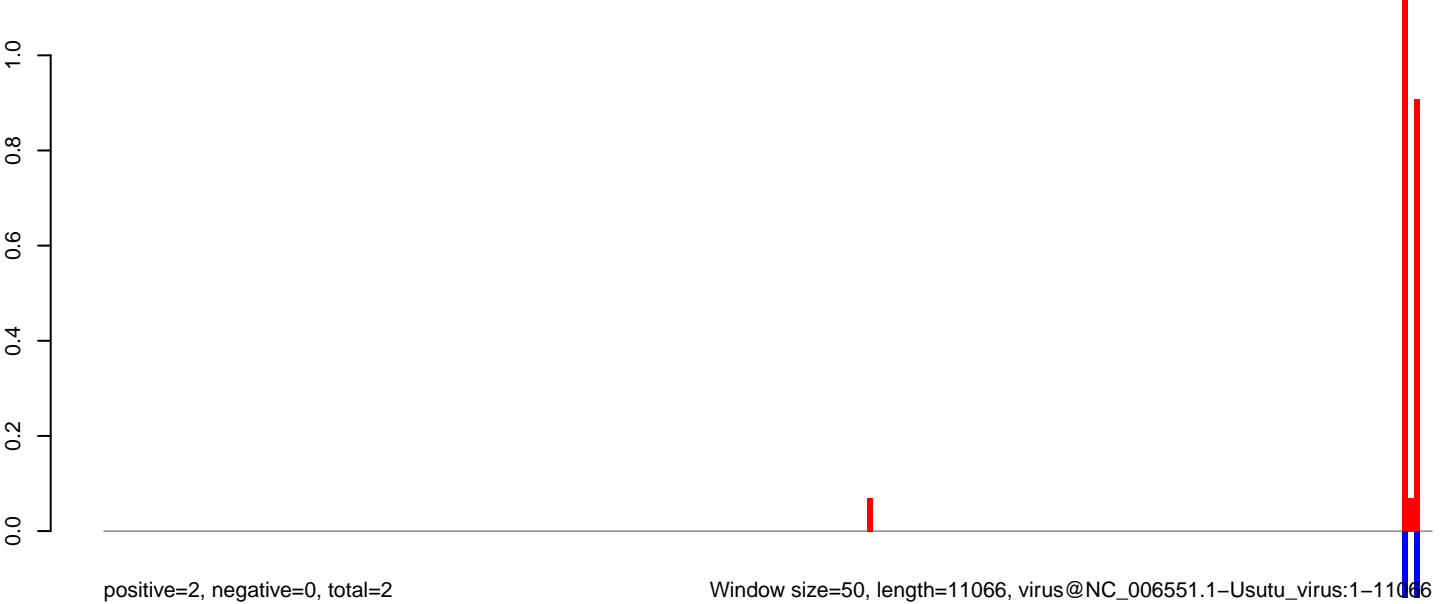
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

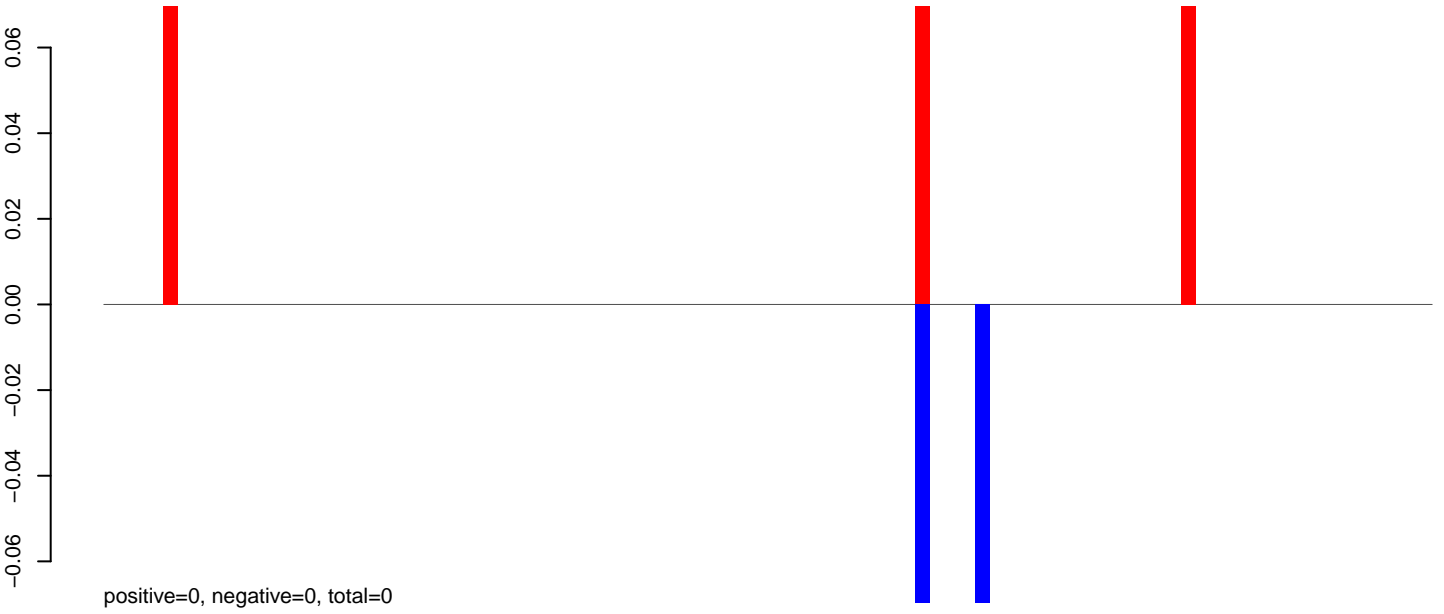


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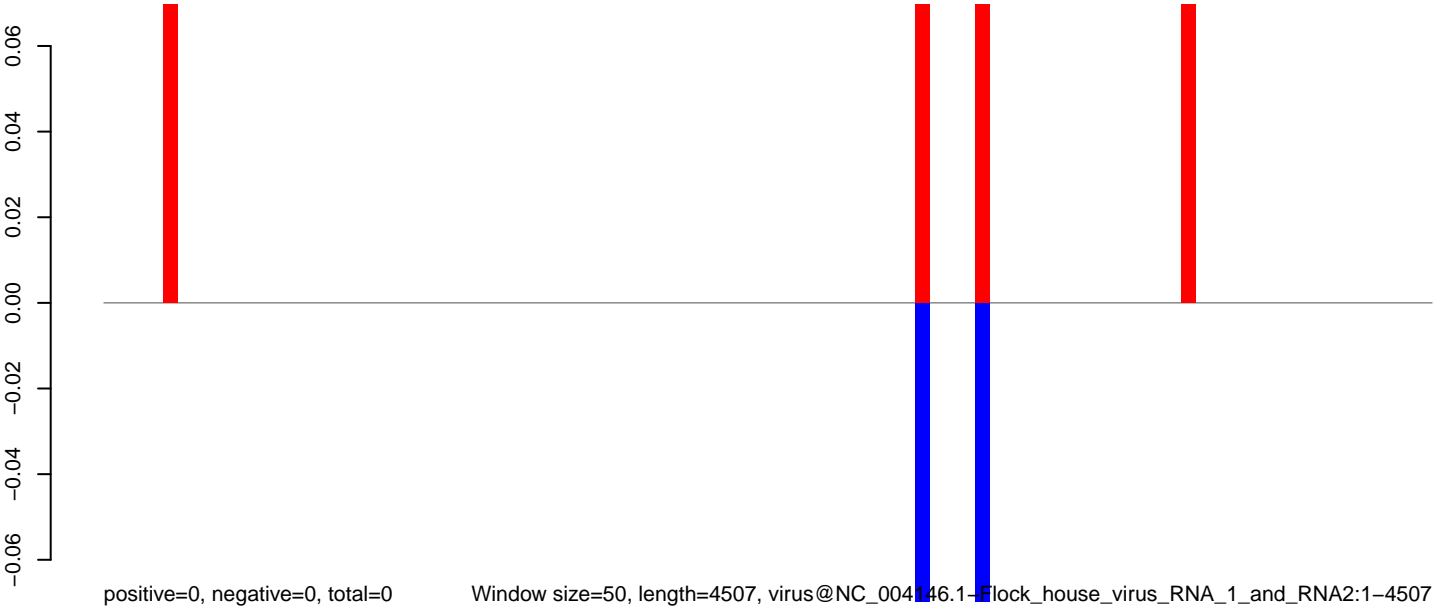
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



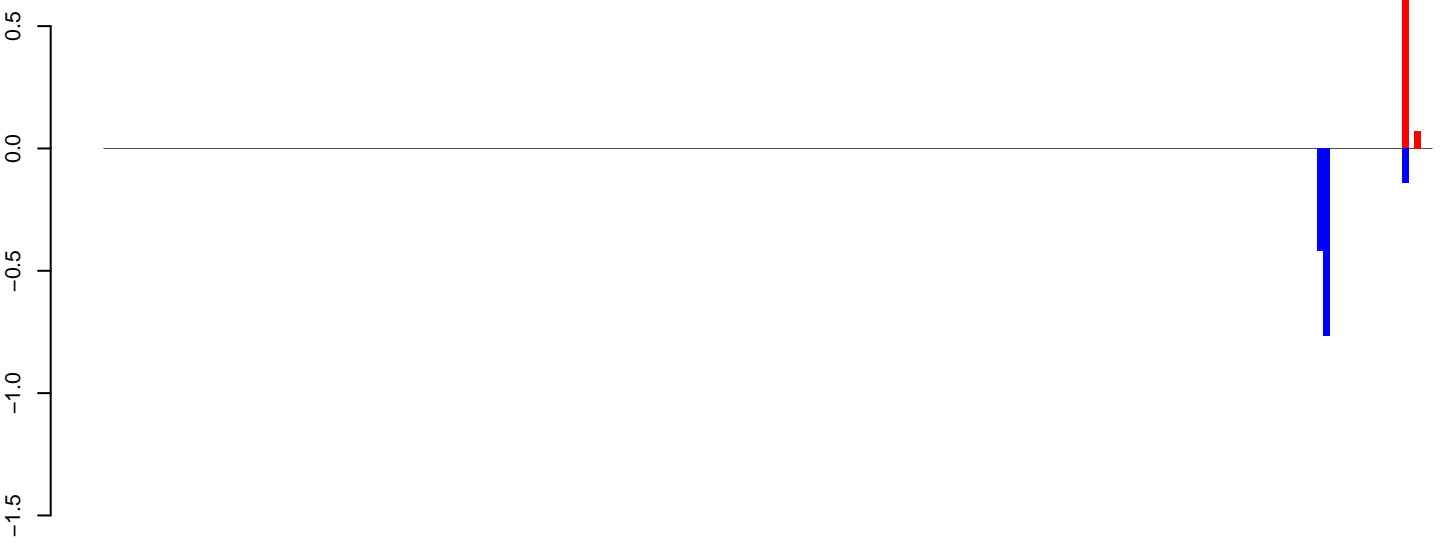
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



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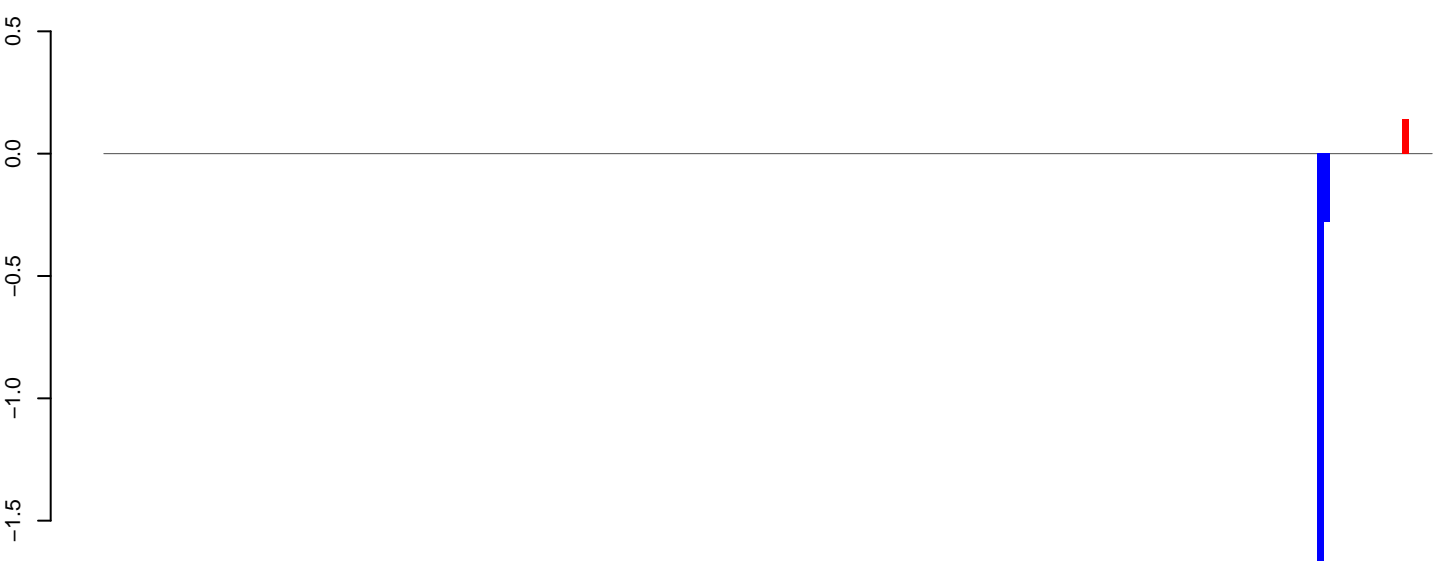
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



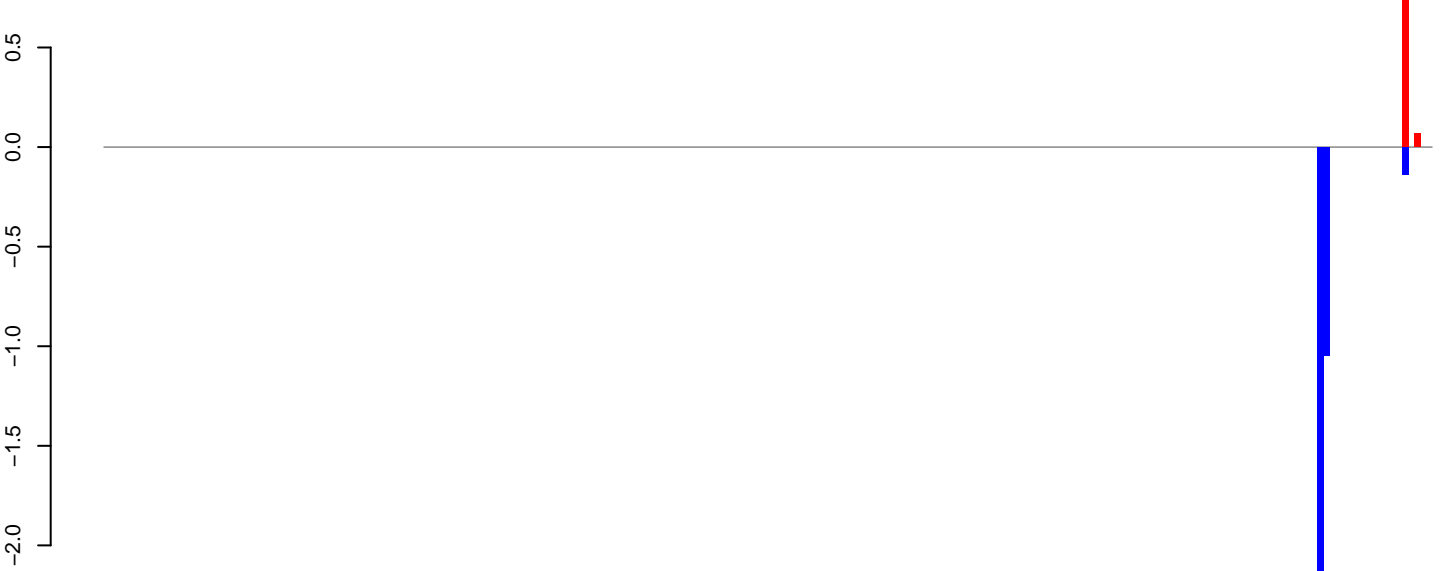
positive=1, negative=1, total=2

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



positive=1, negative=3, total=4

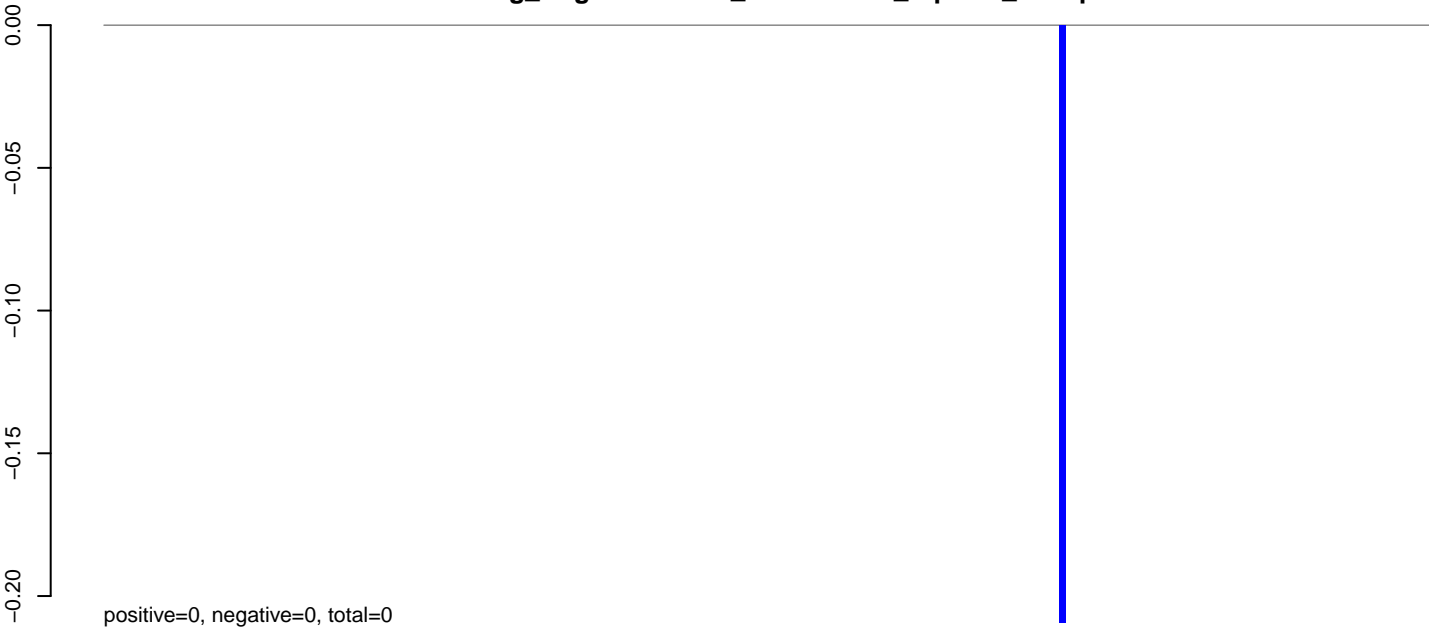
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0 2000 4000 6000 8000 10000

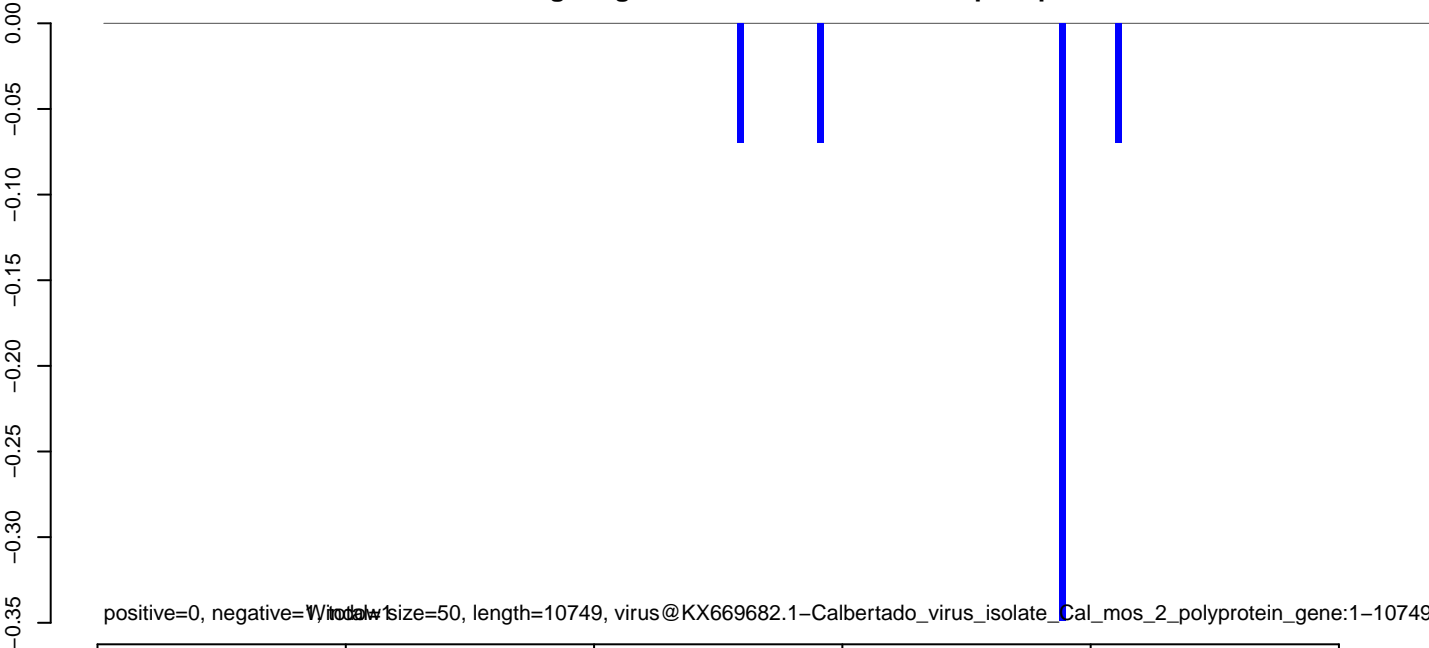
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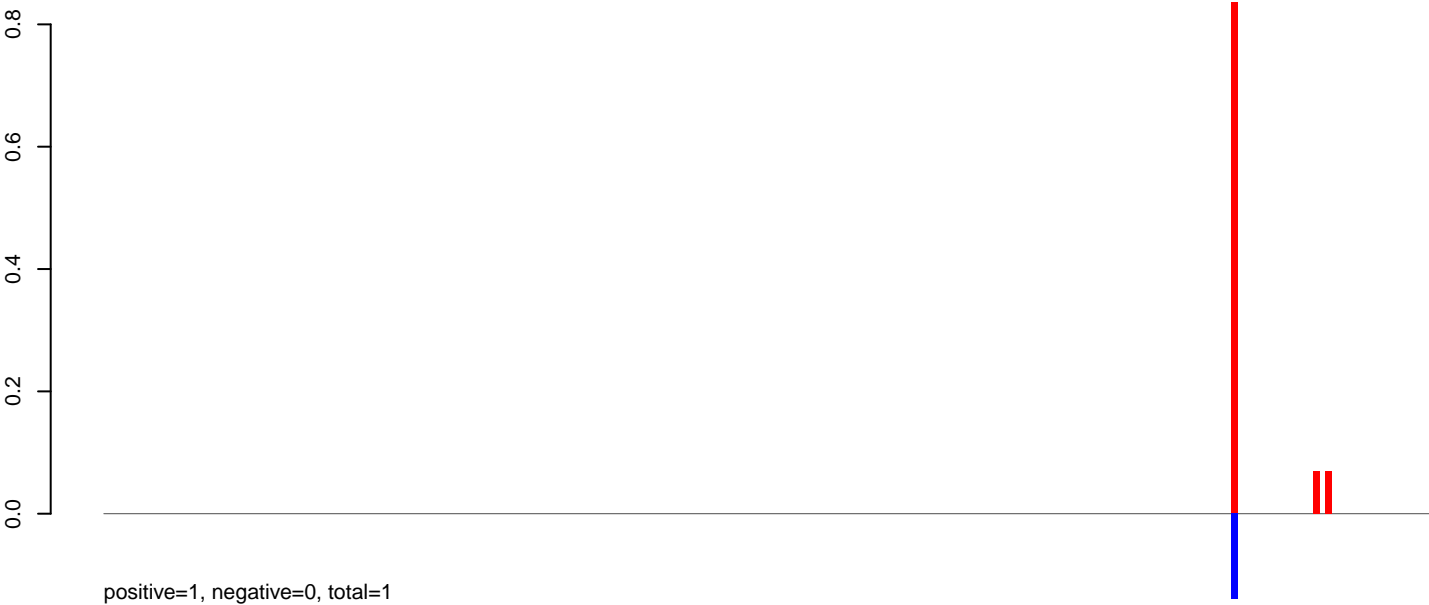
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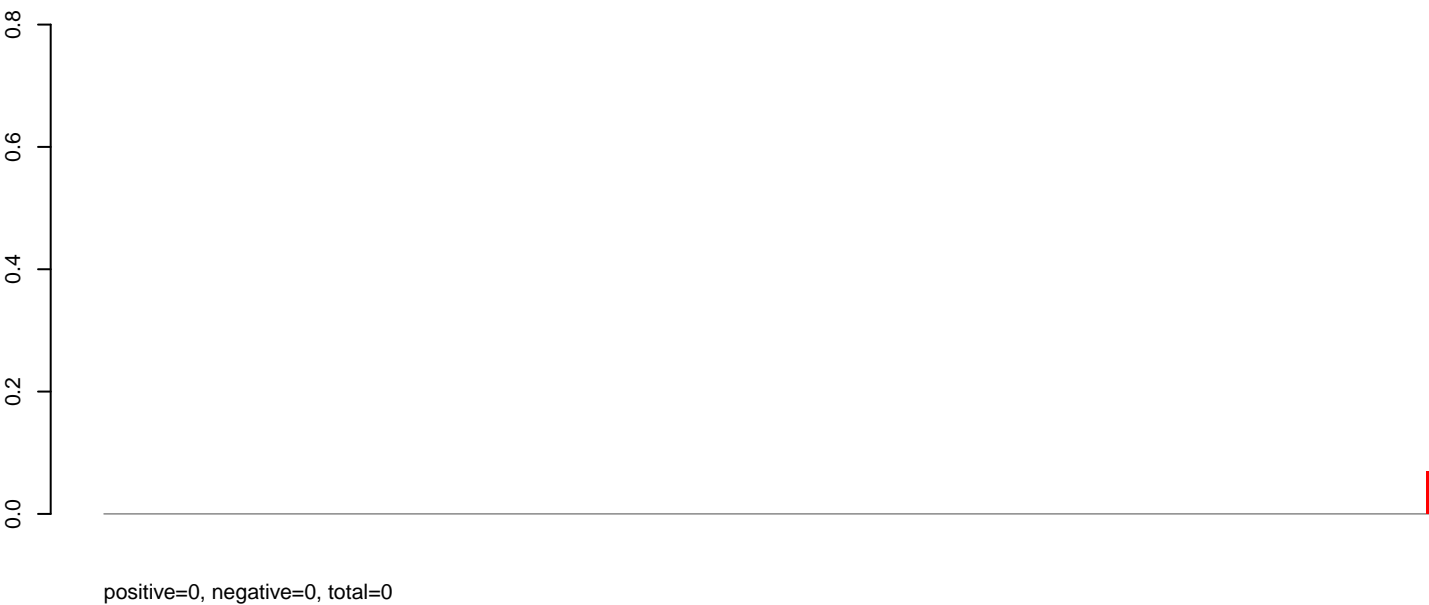
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



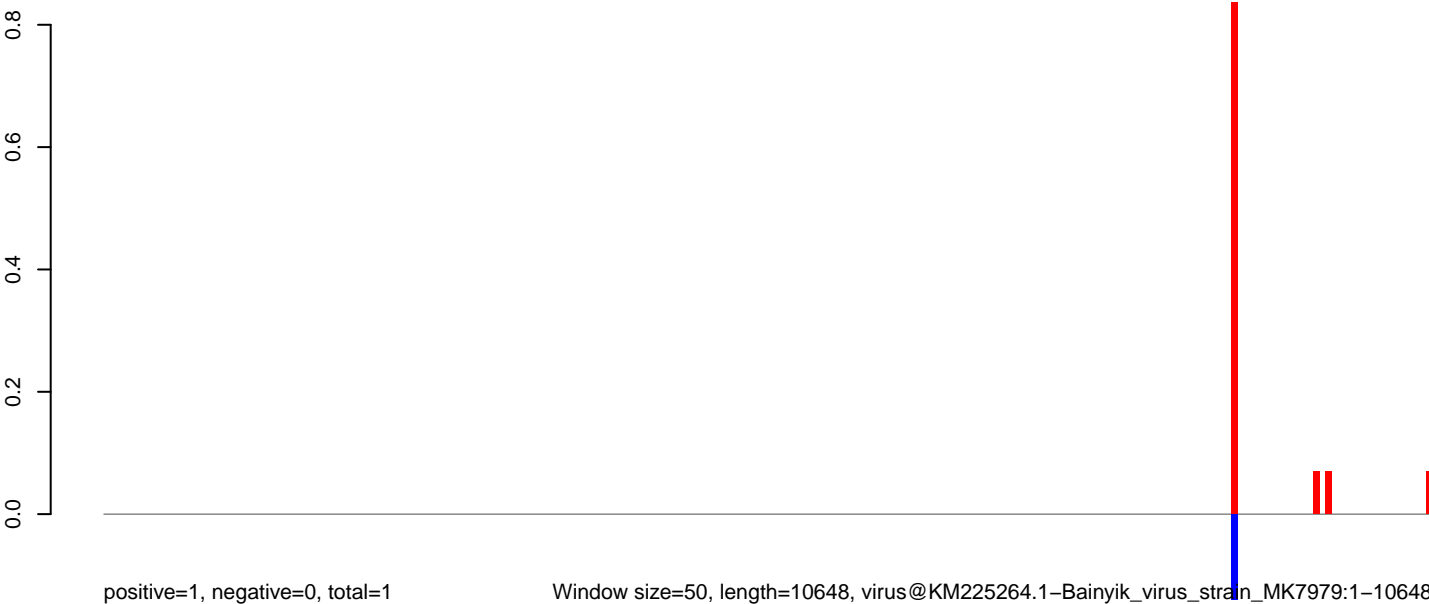
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



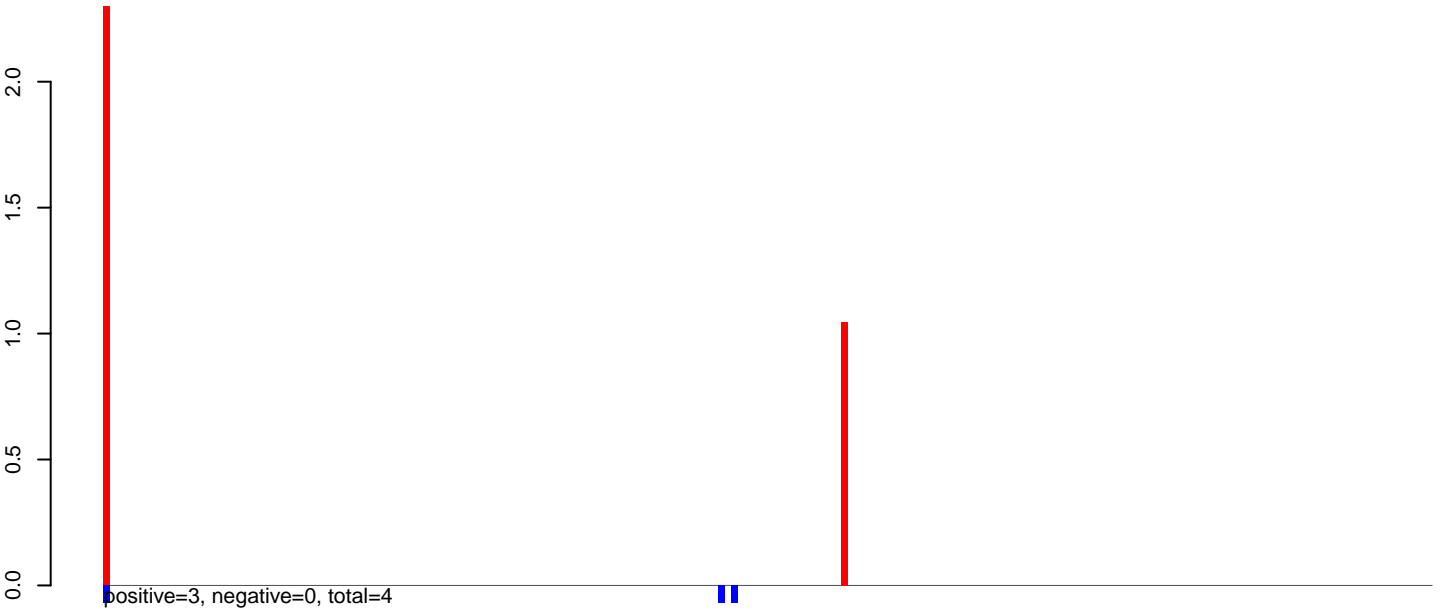
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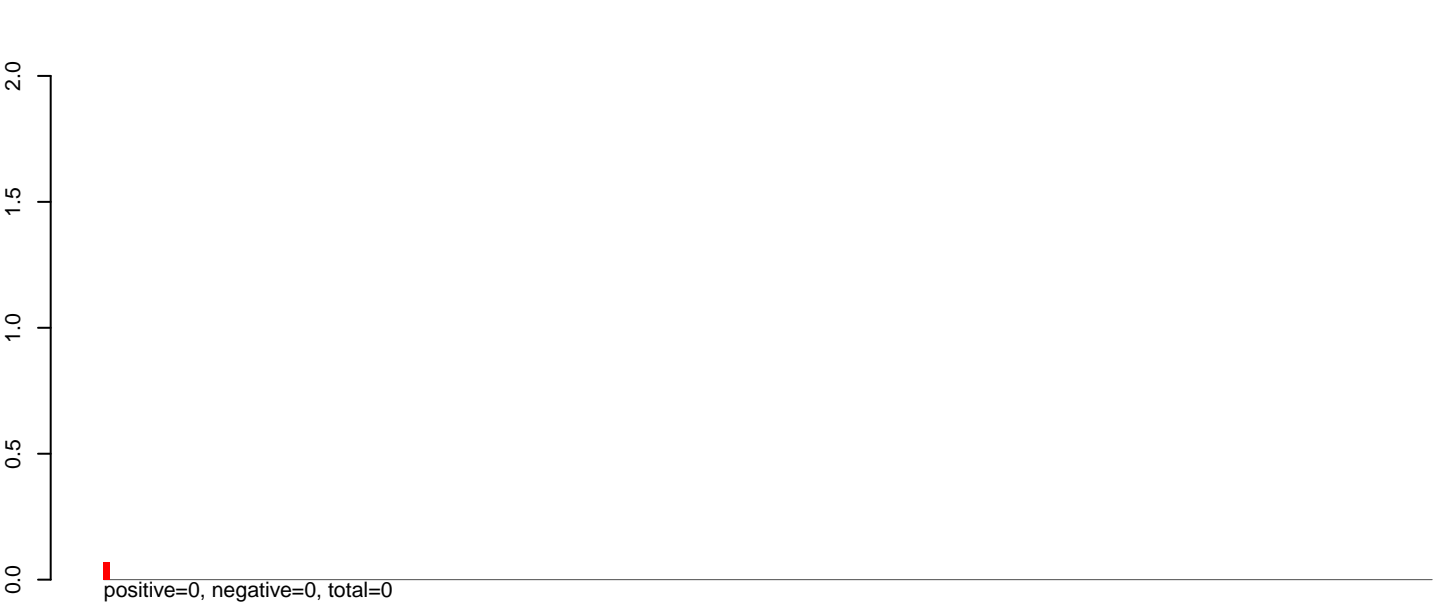
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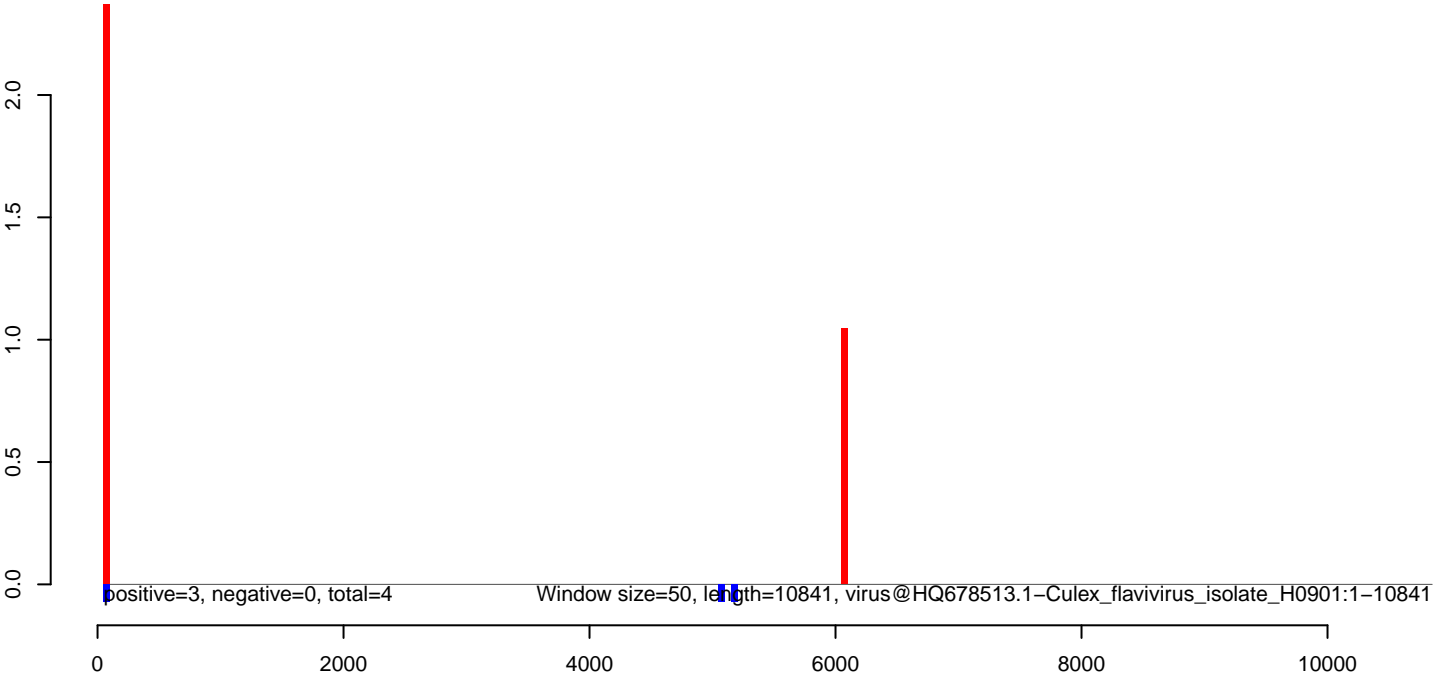
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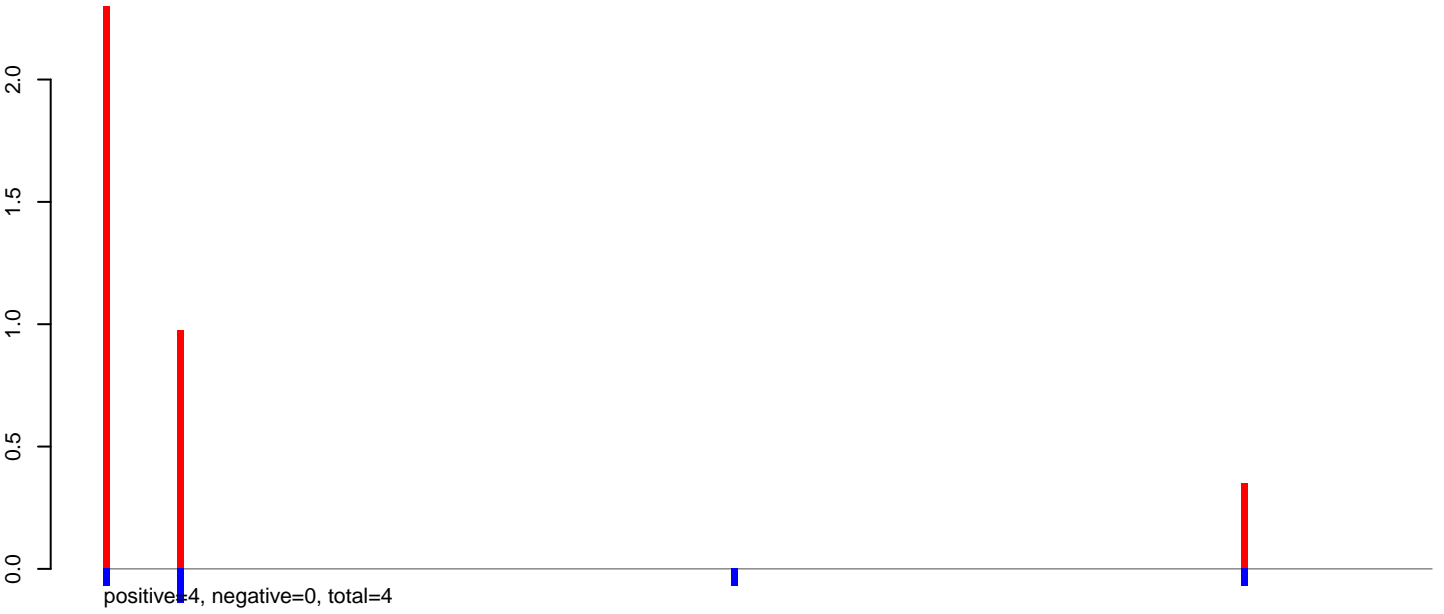
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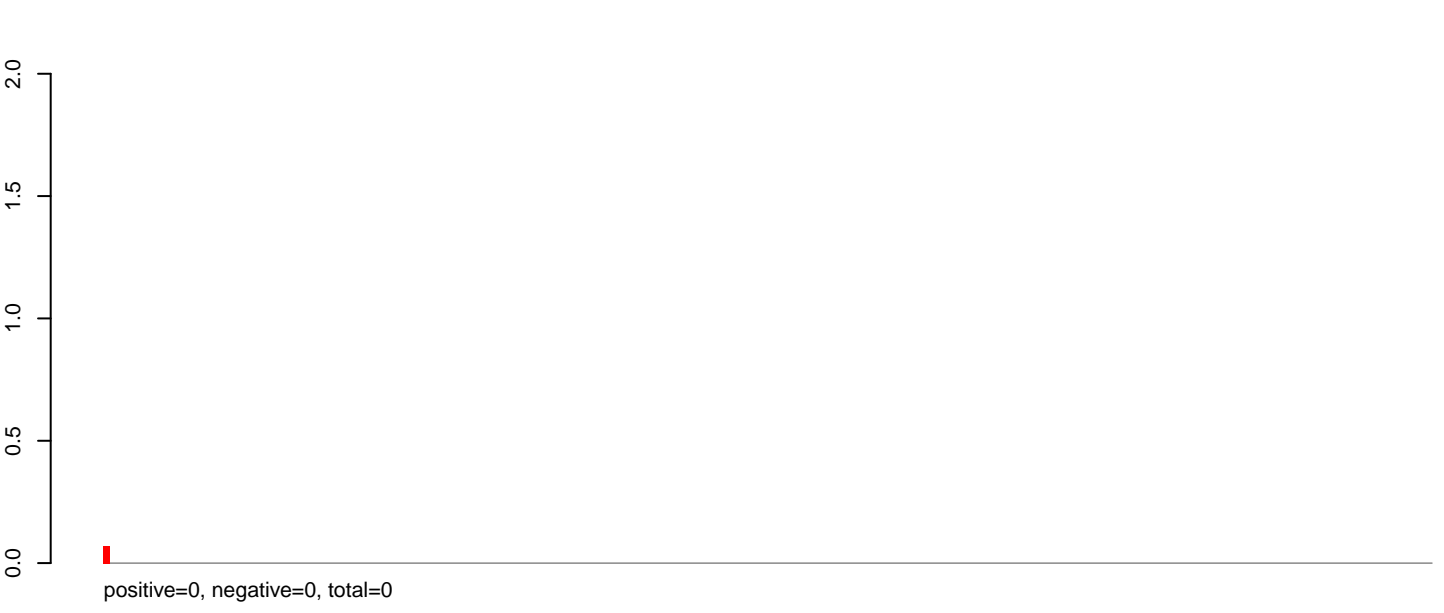
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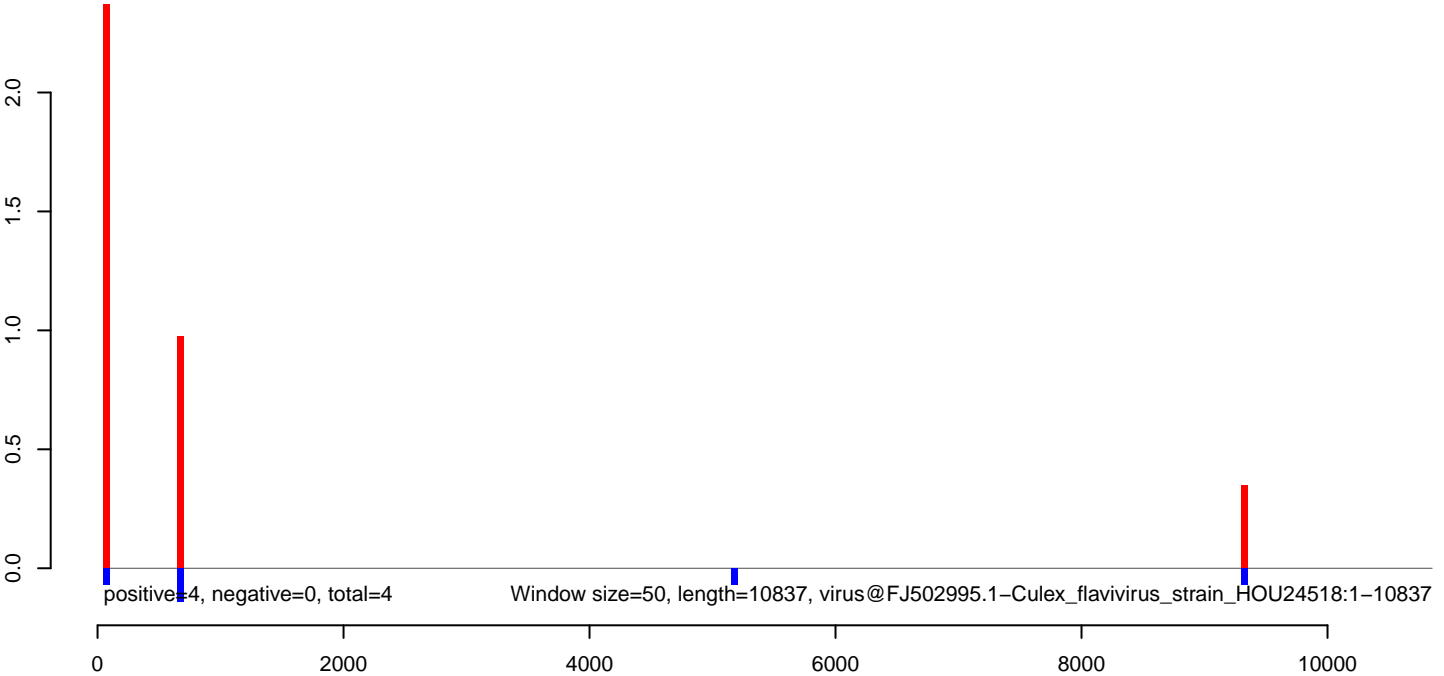
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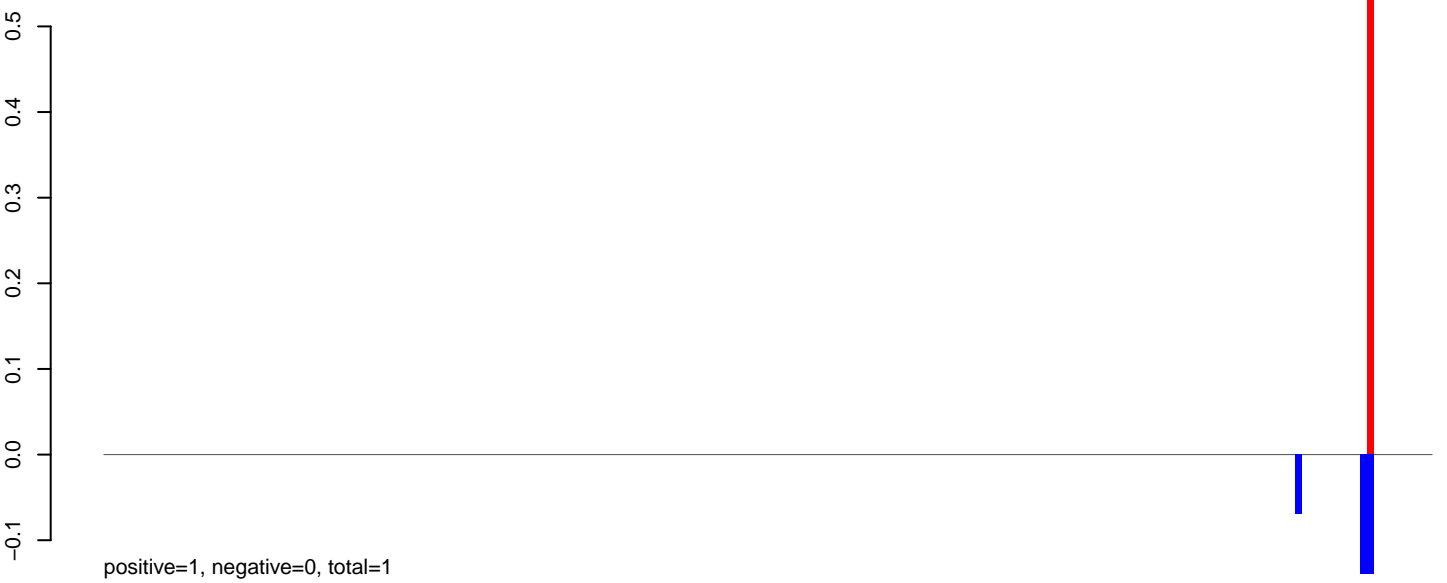
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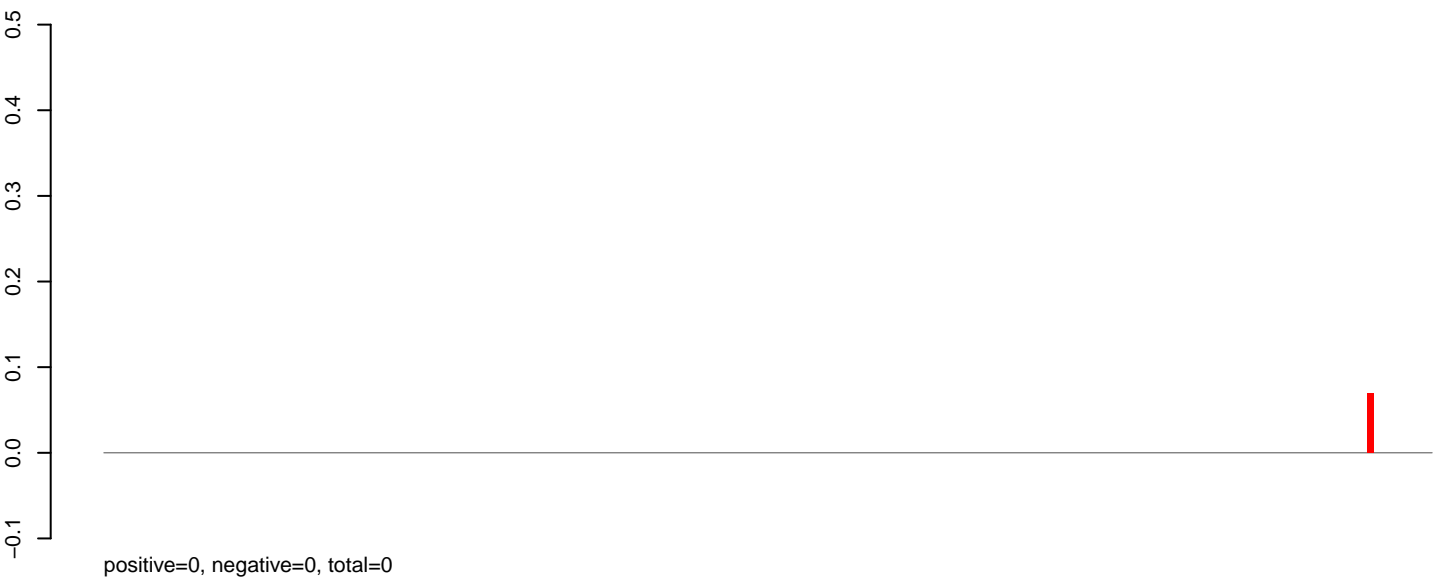
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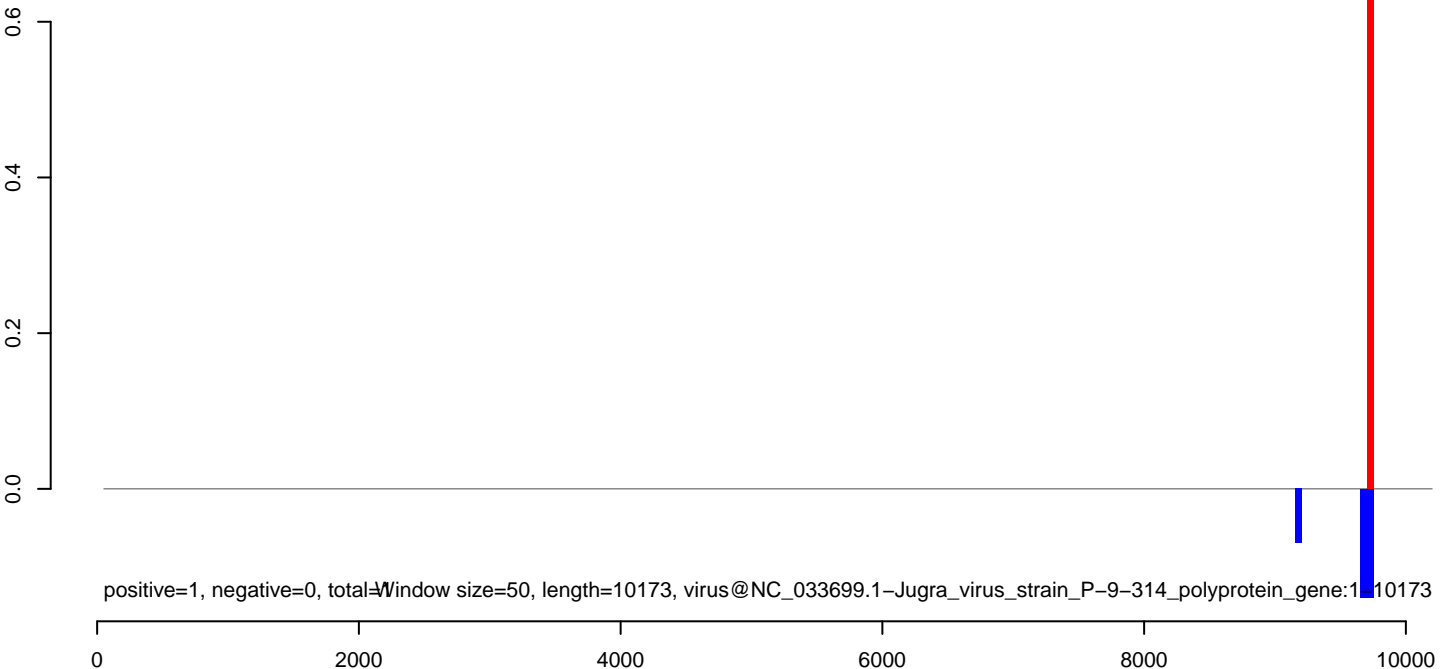
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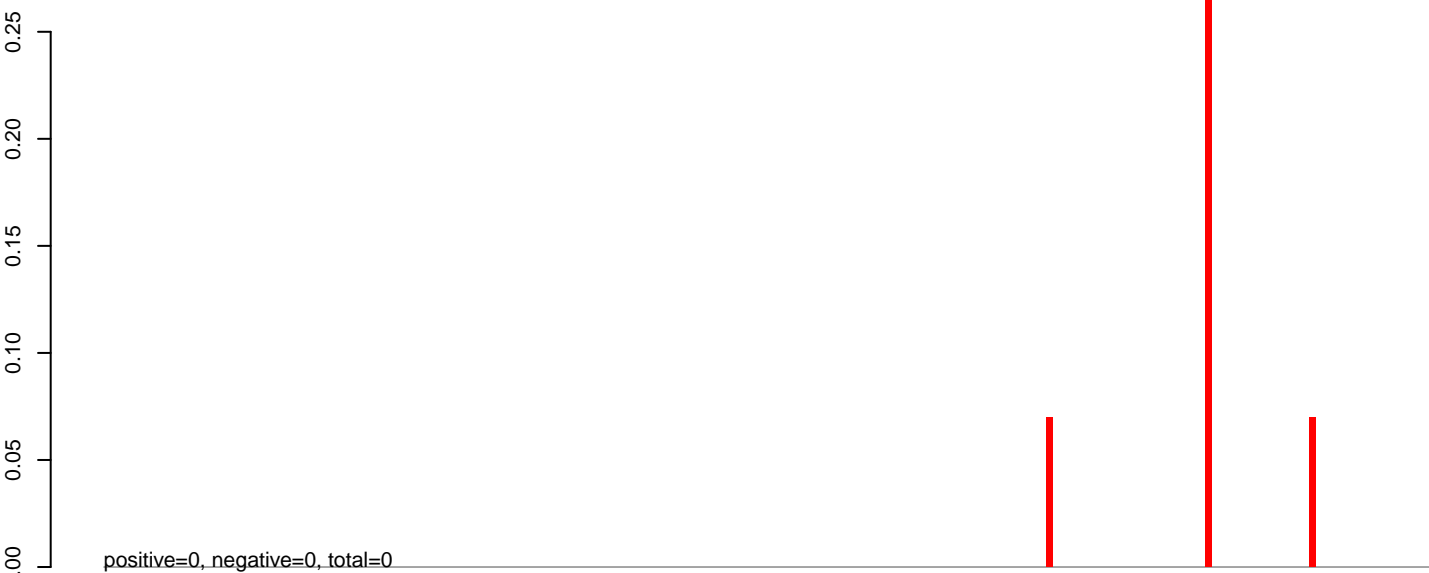
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



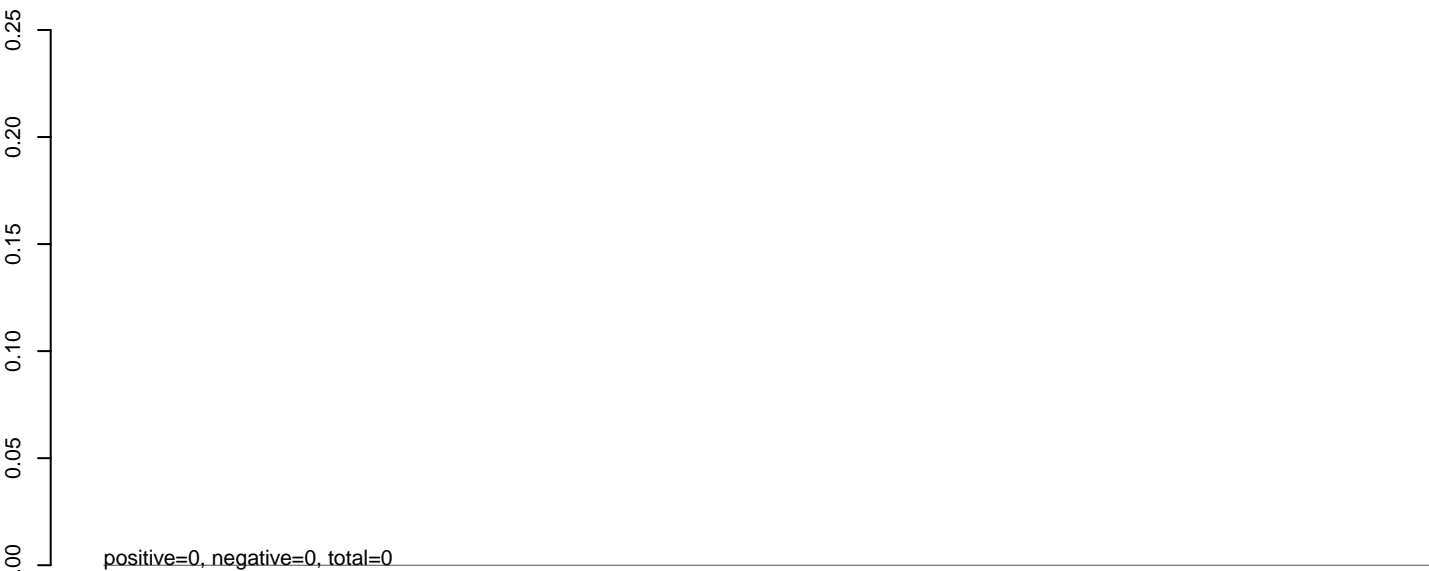
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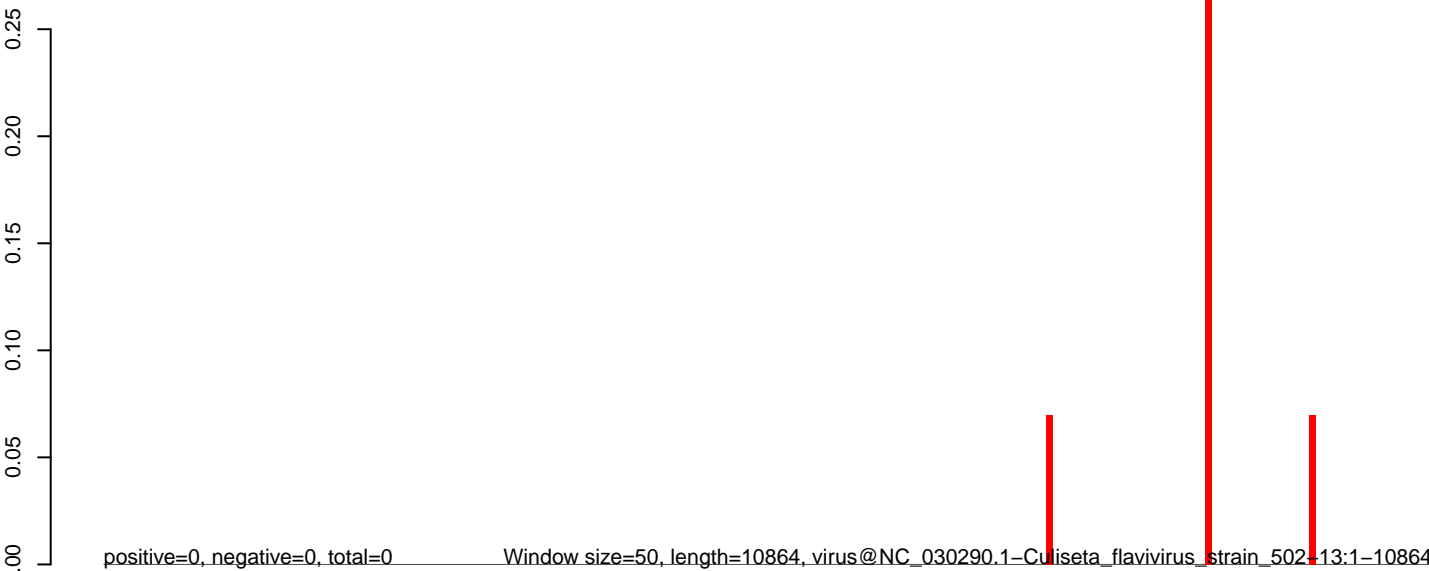
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

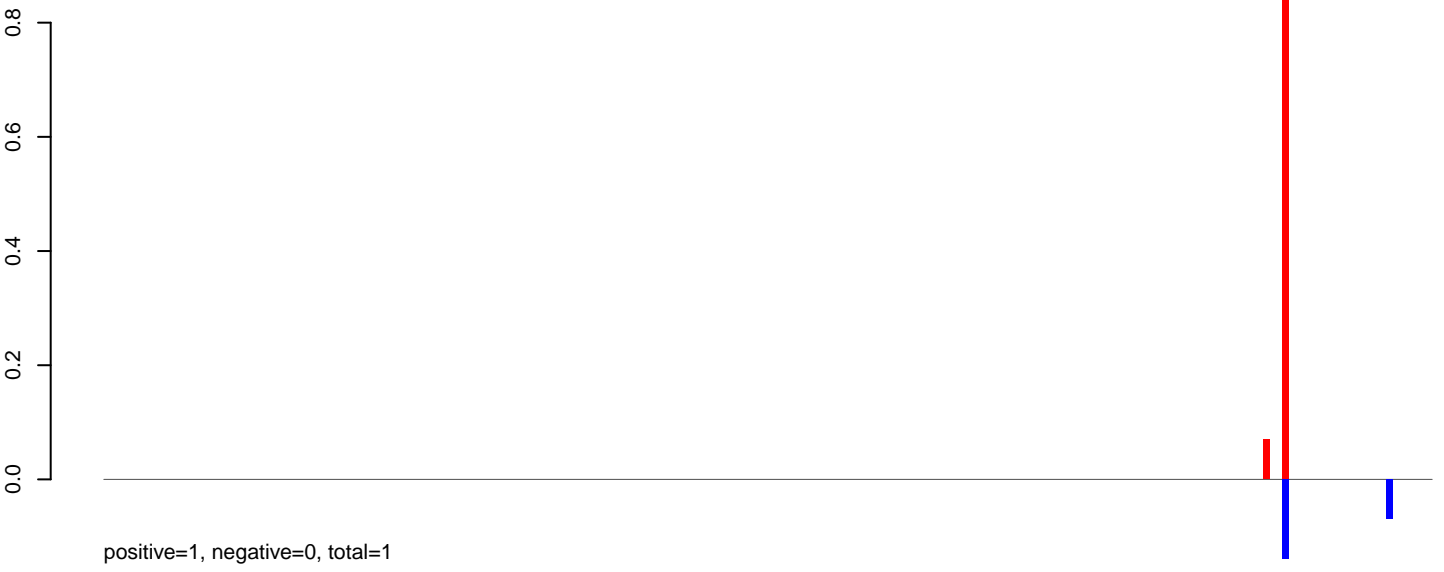


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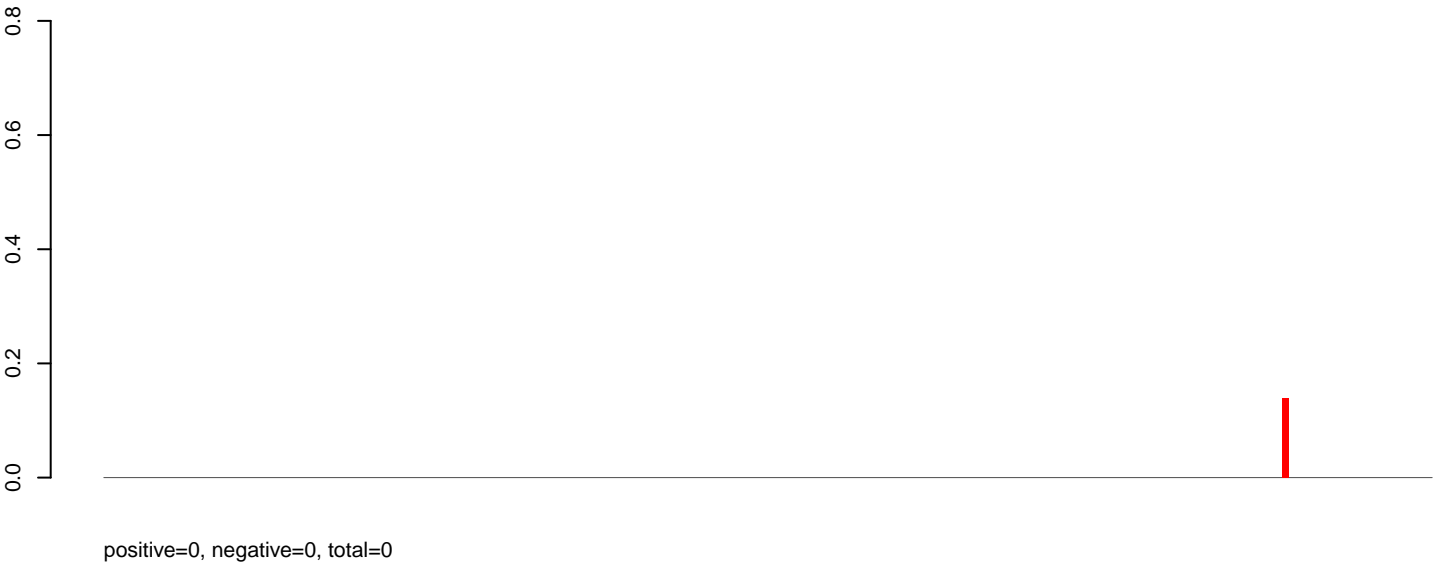




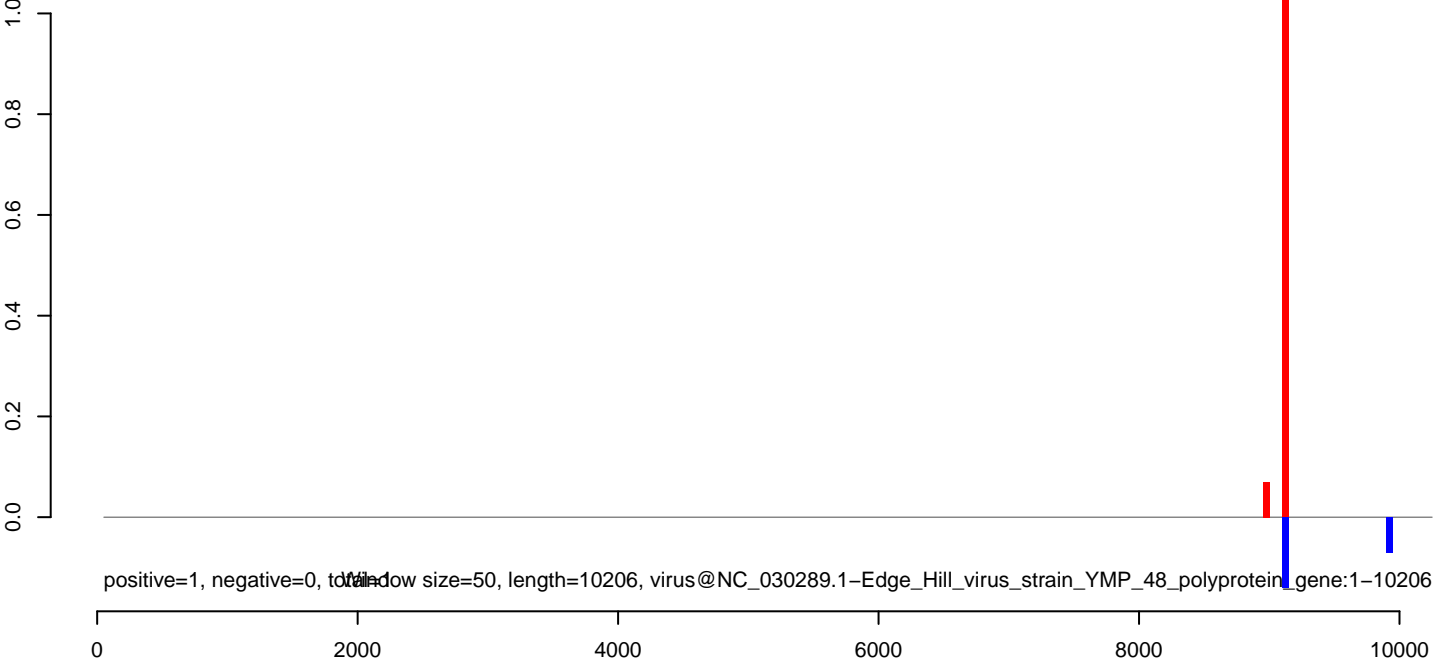
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



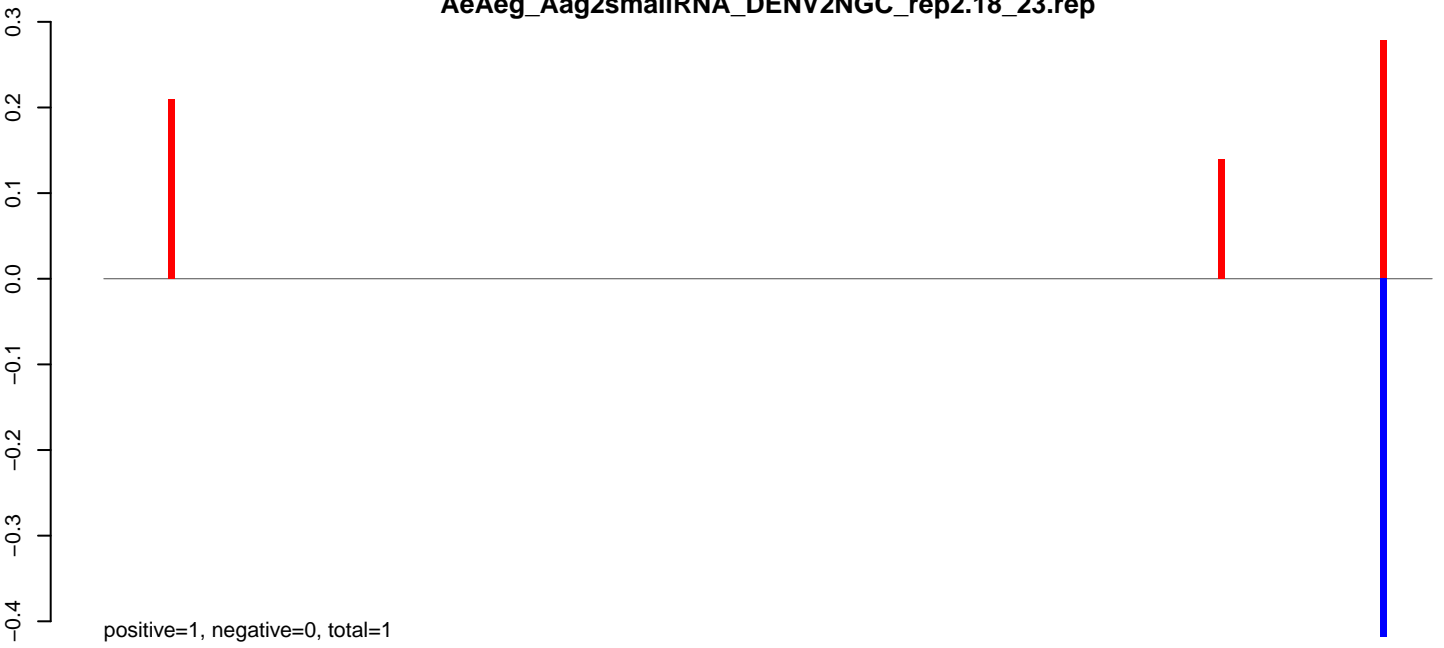
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



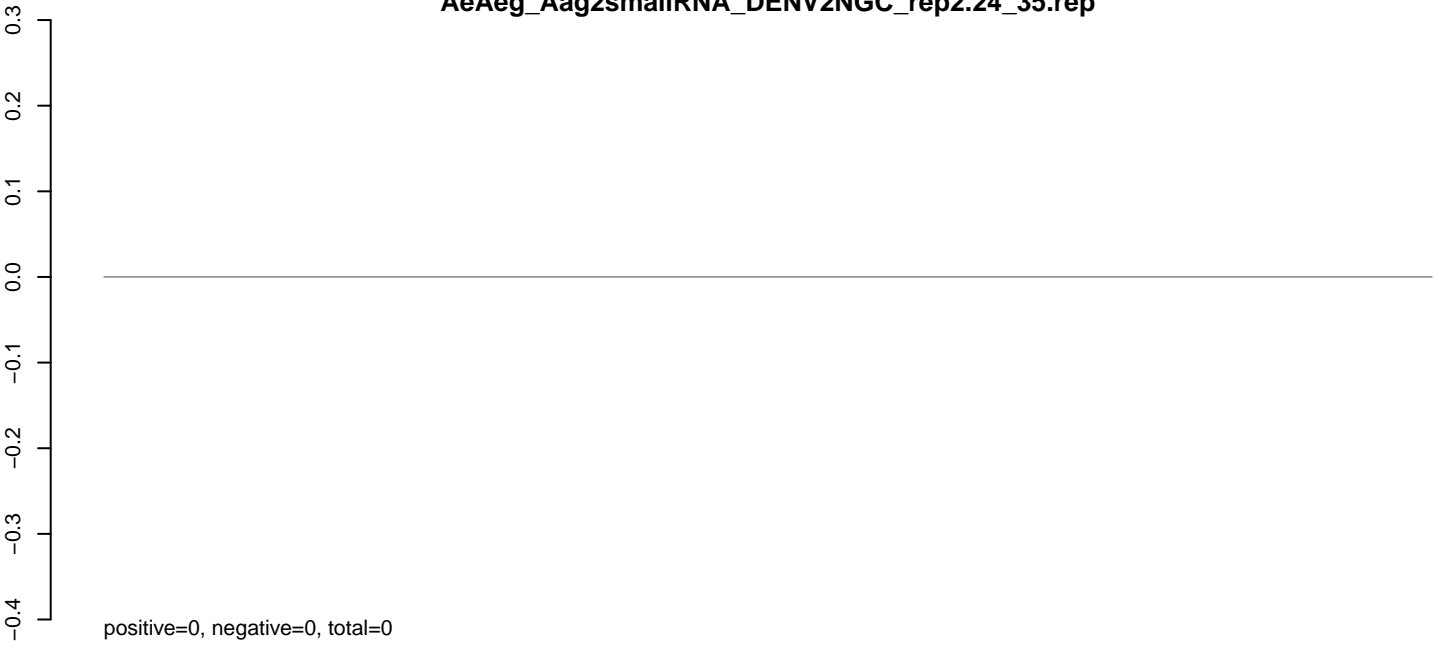
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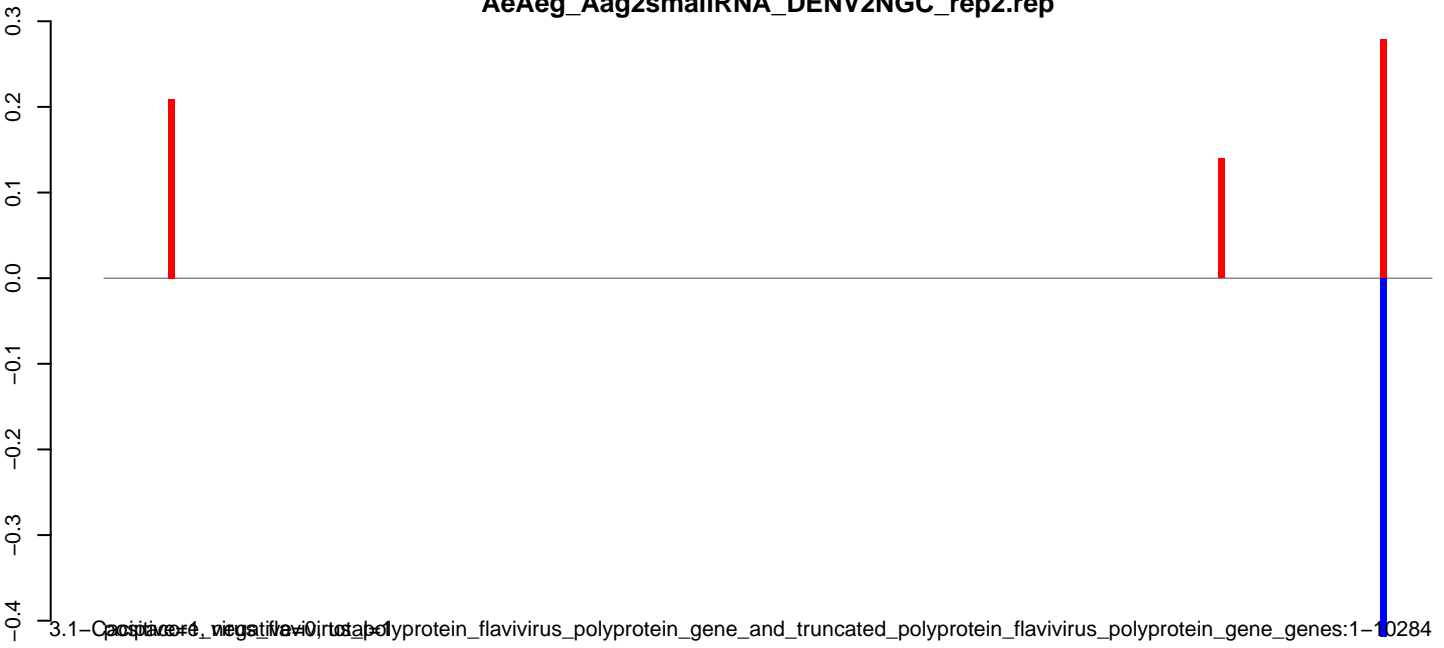
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



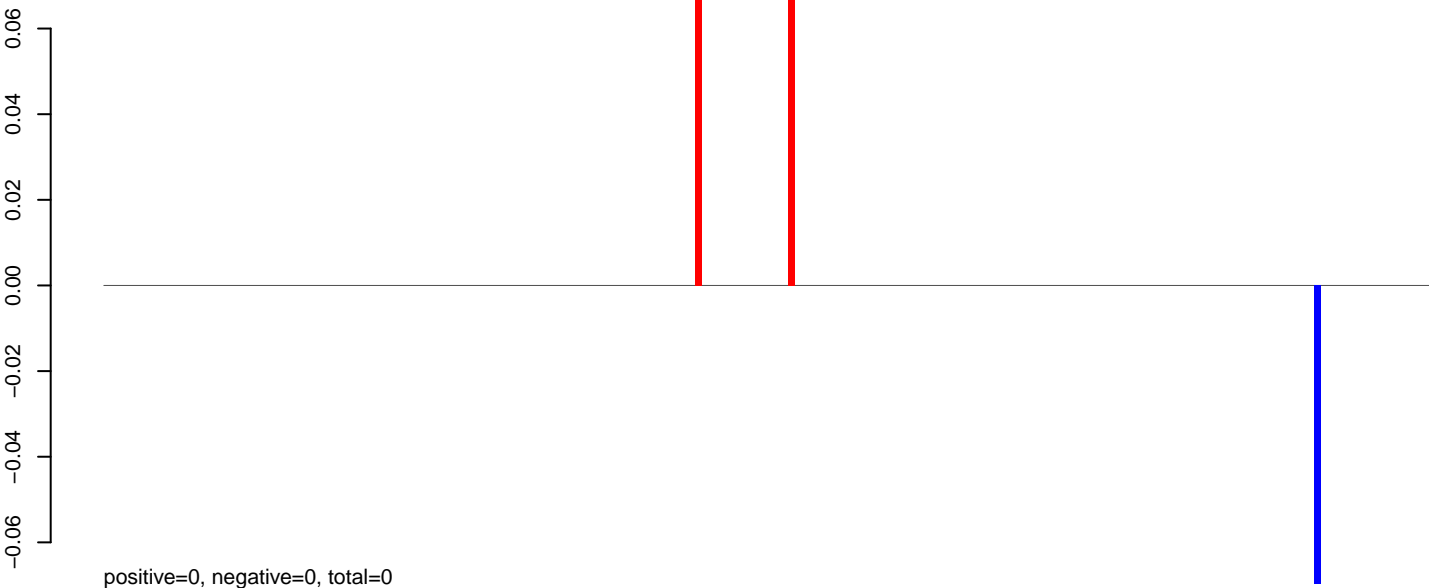
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



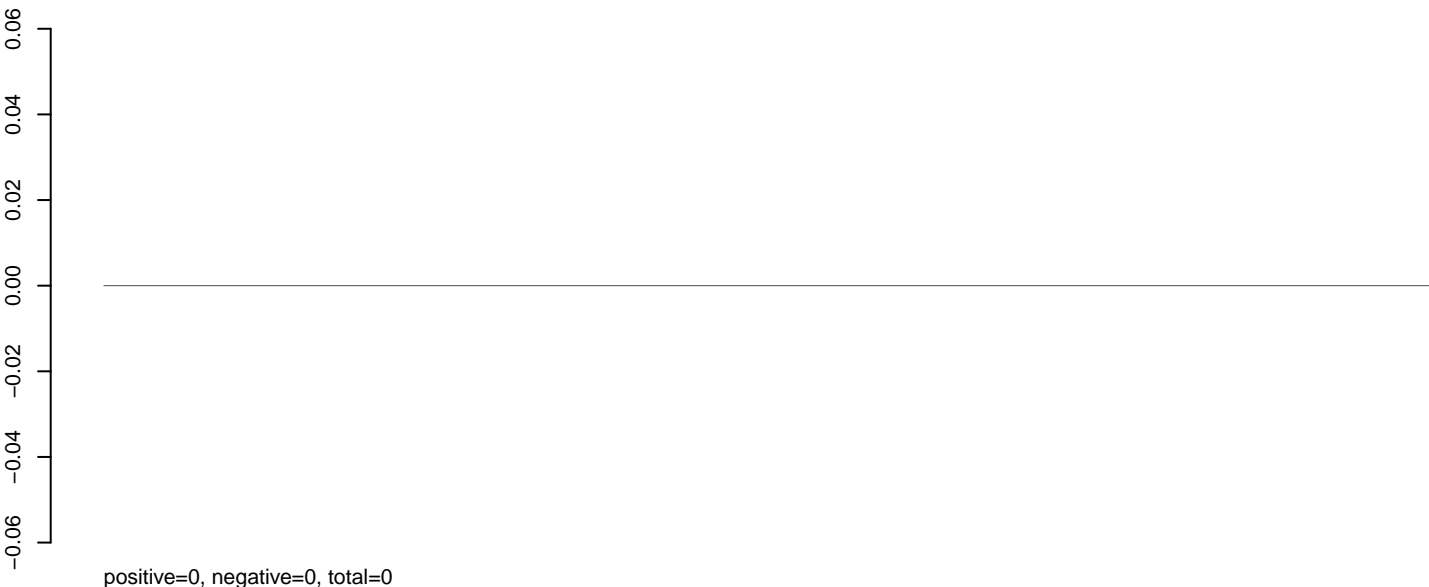
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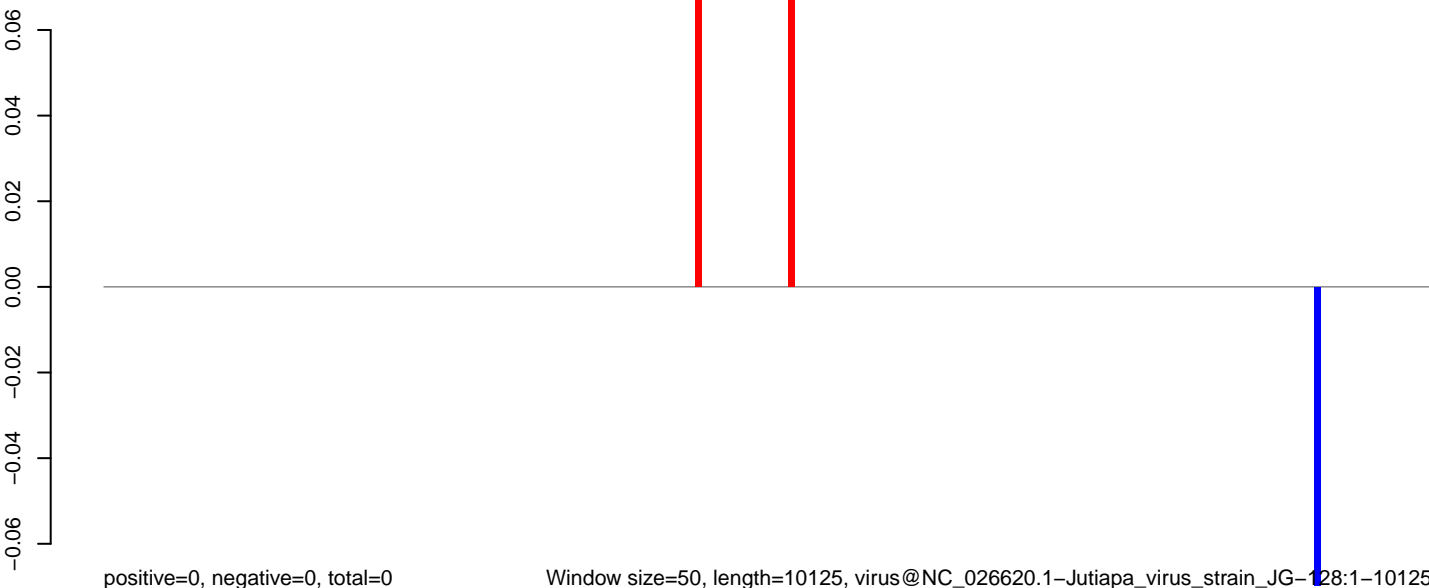
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



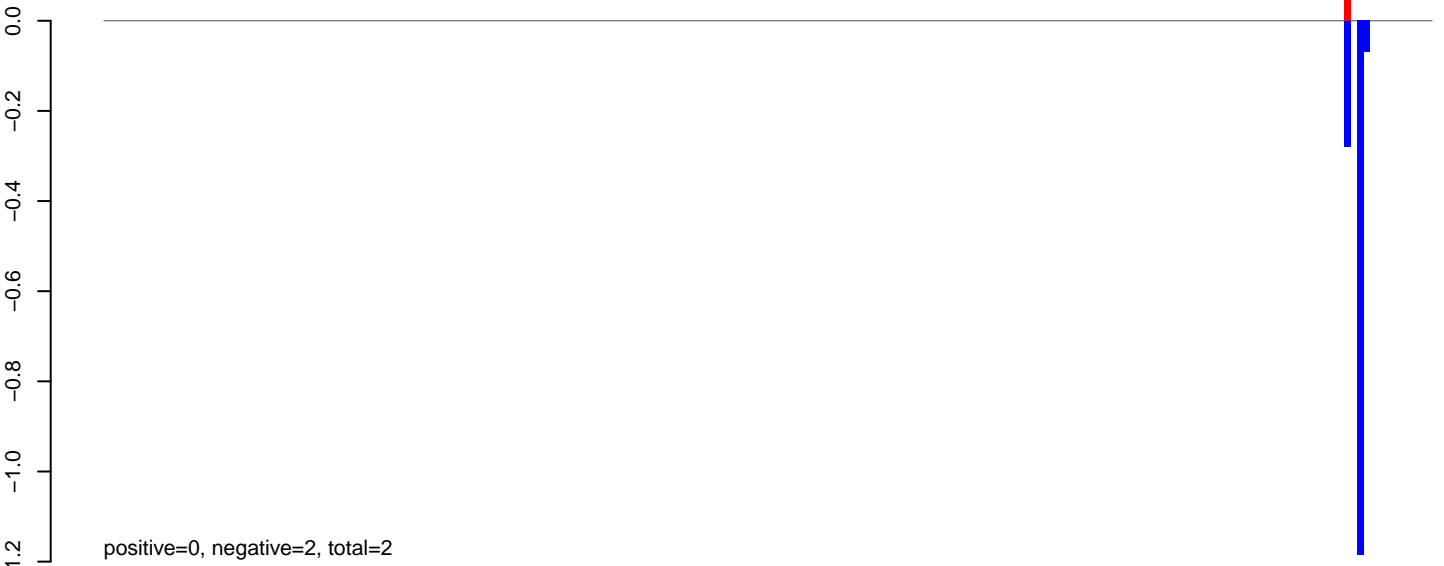
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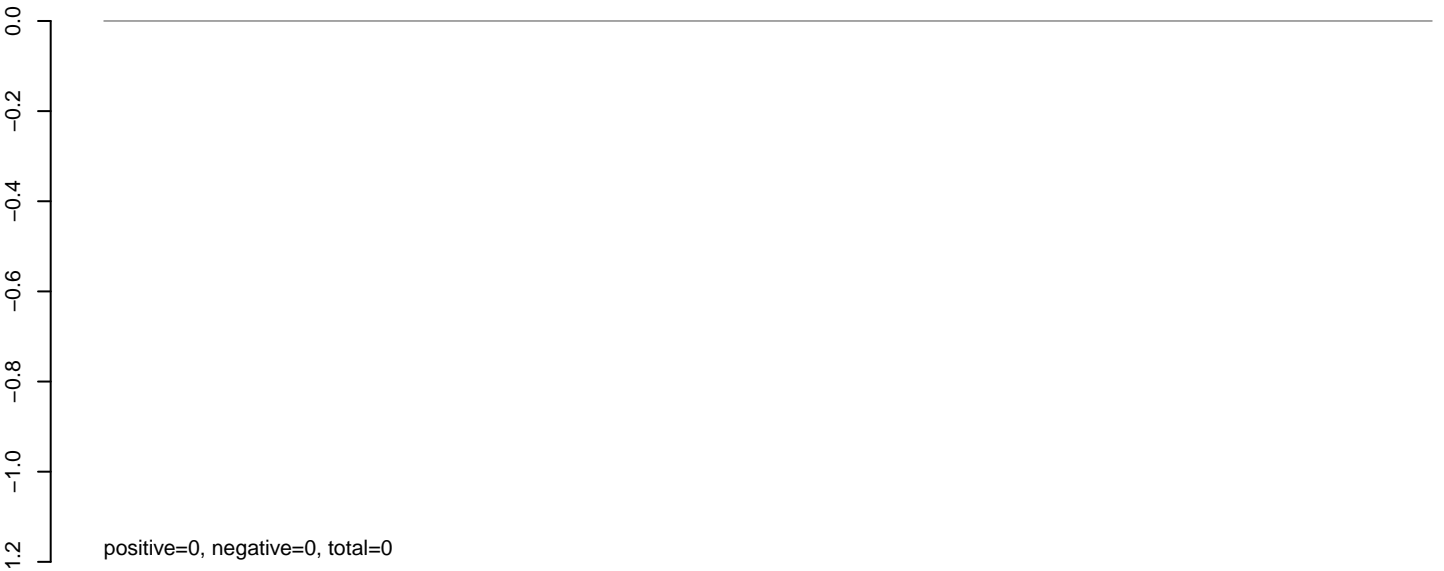
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



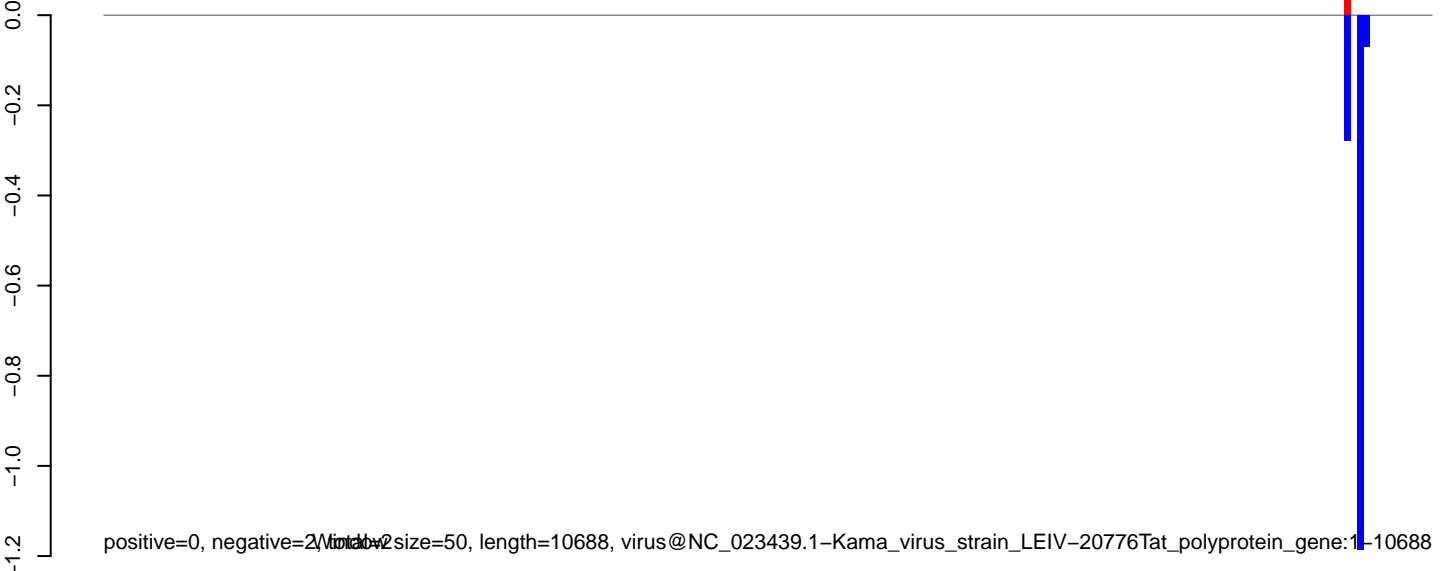
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

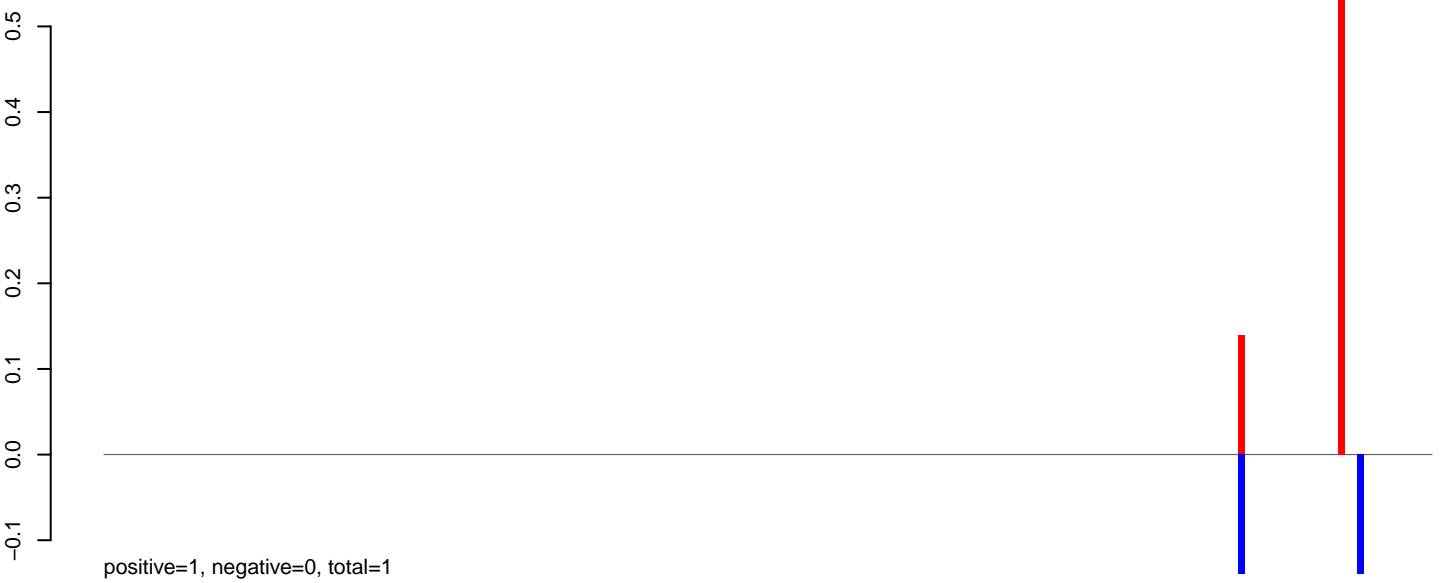


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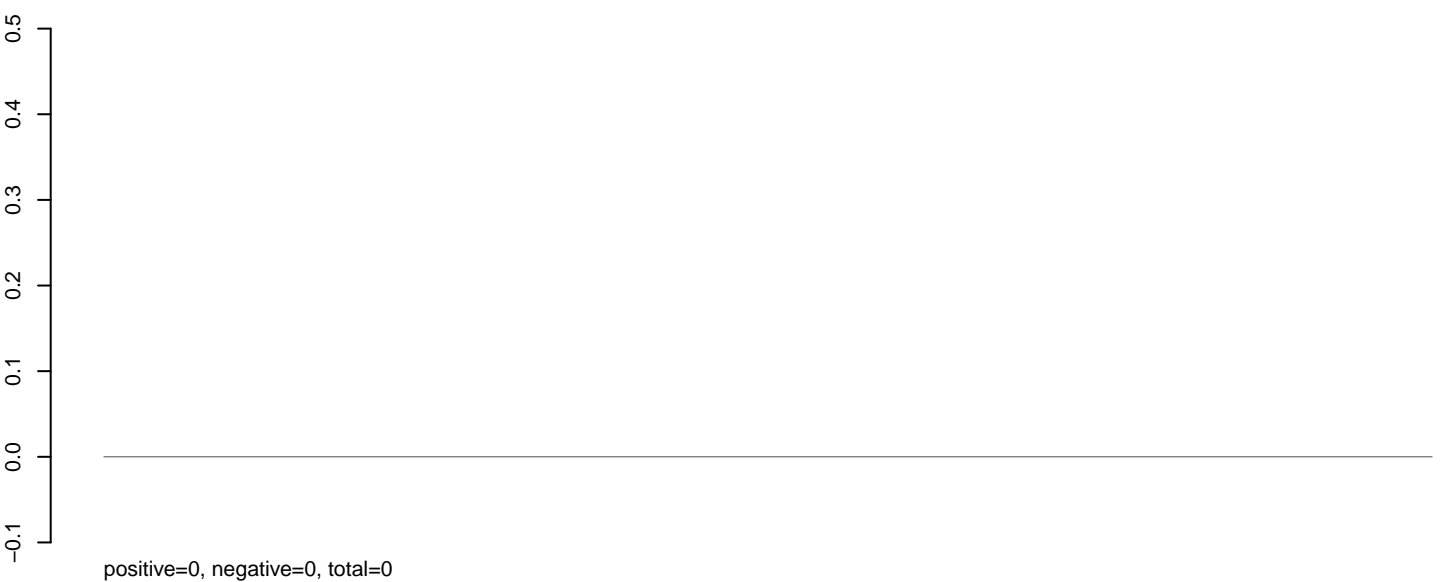


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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

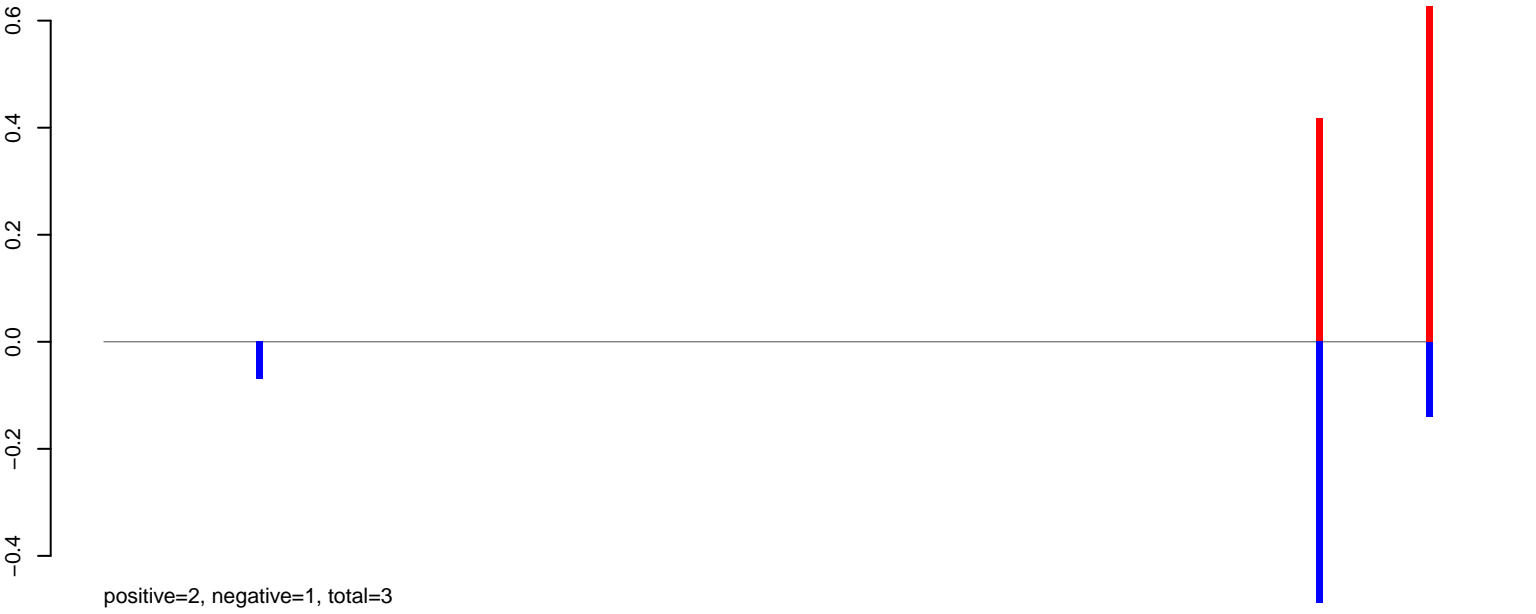


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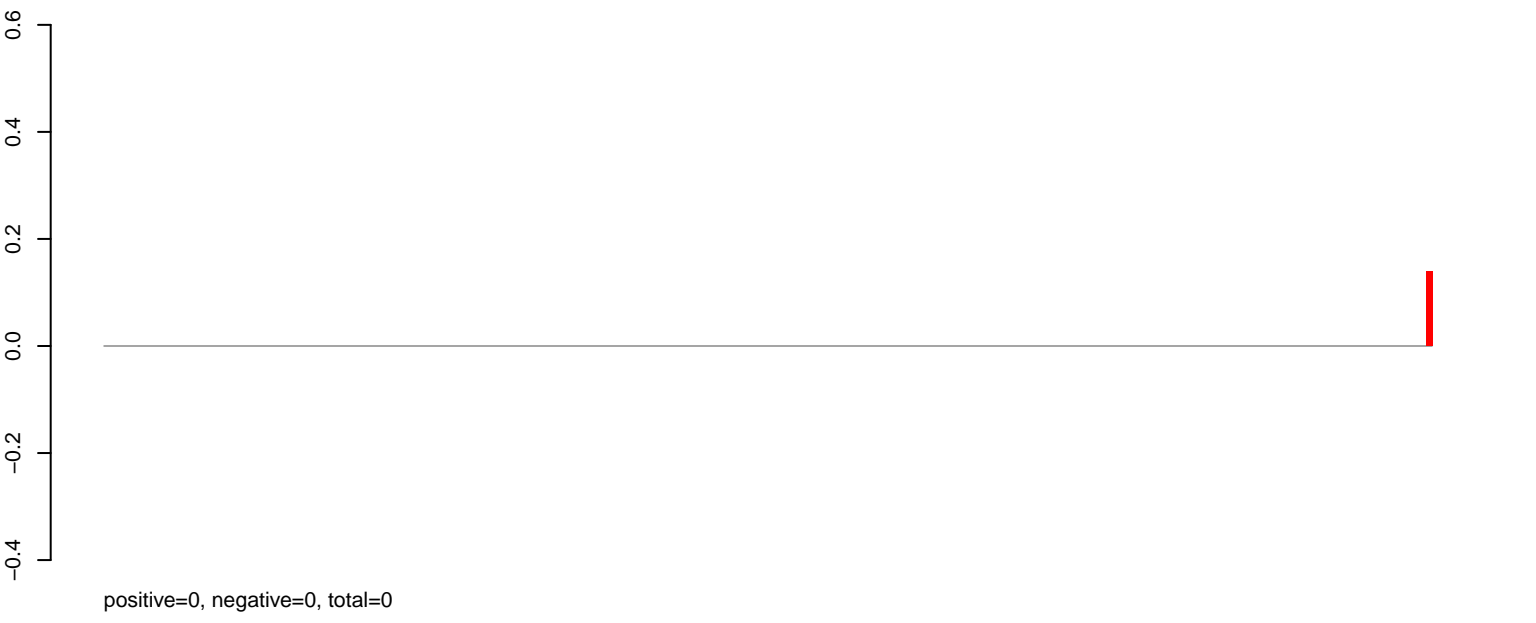


0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



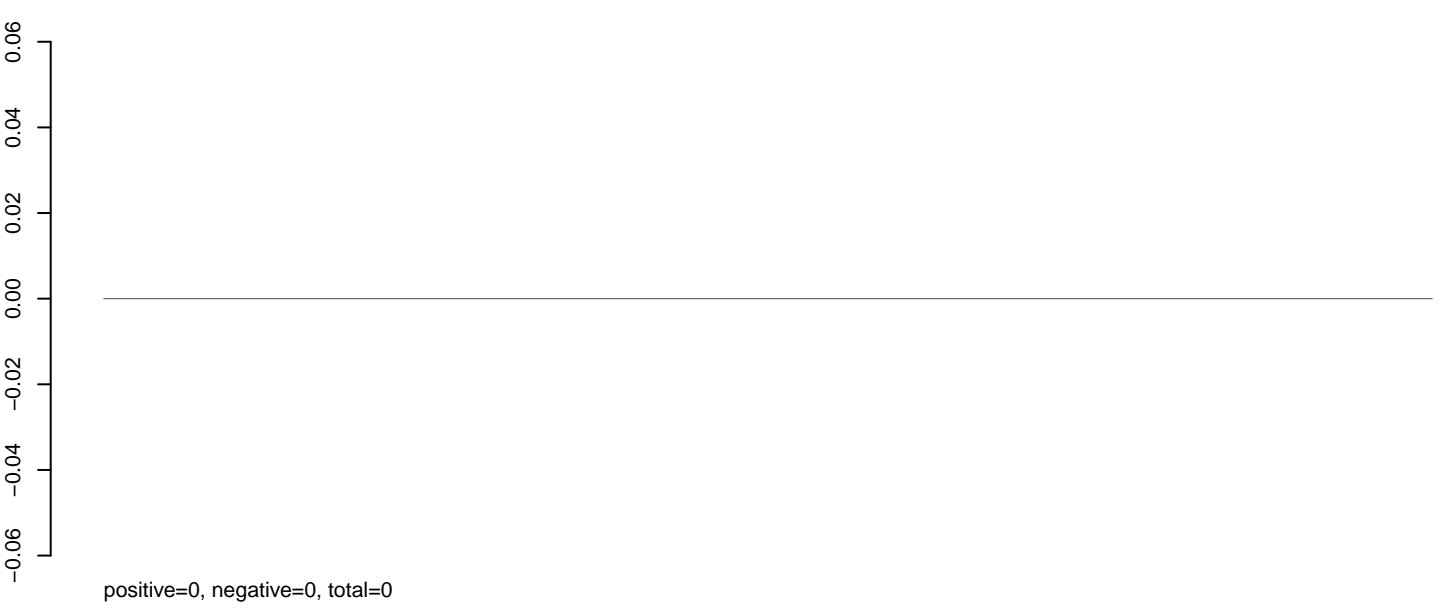
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



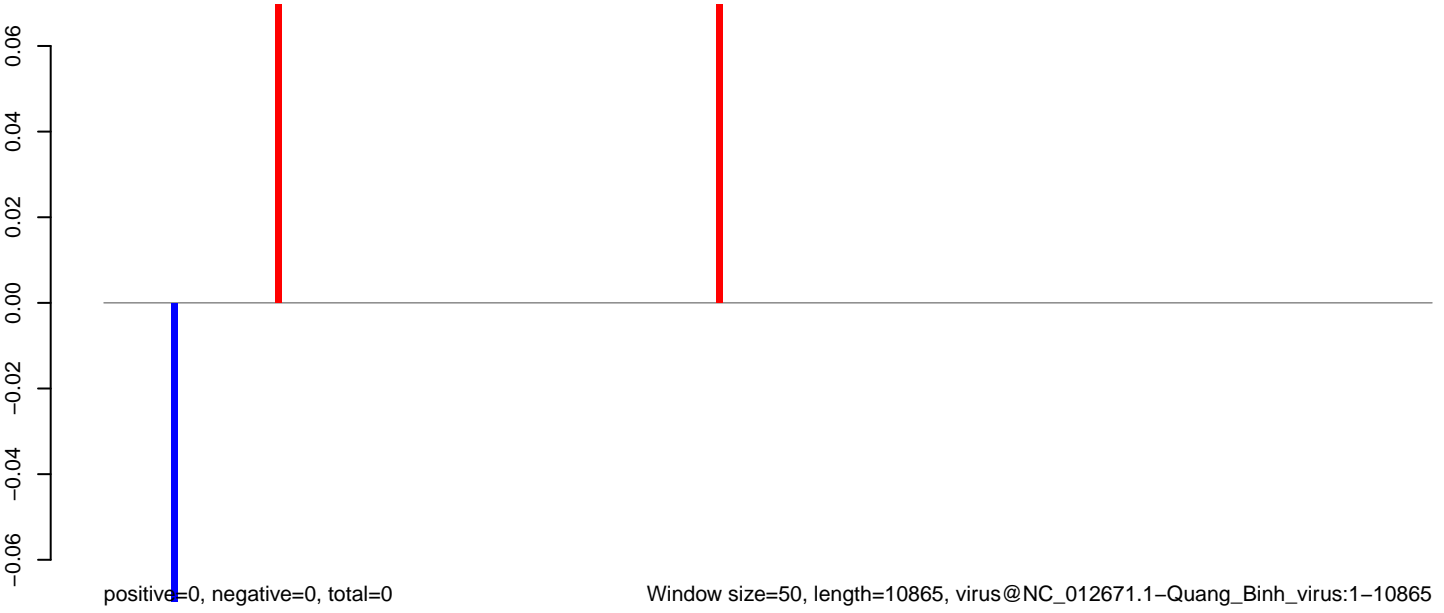
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

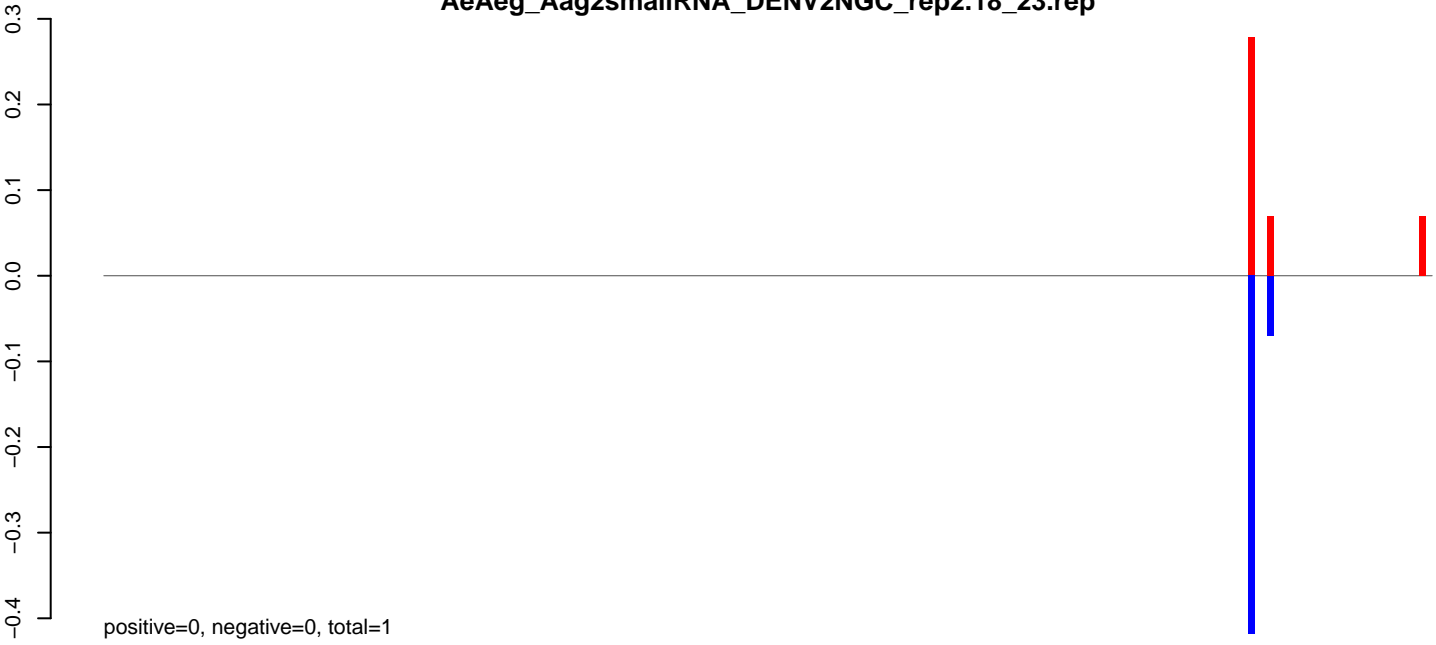


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

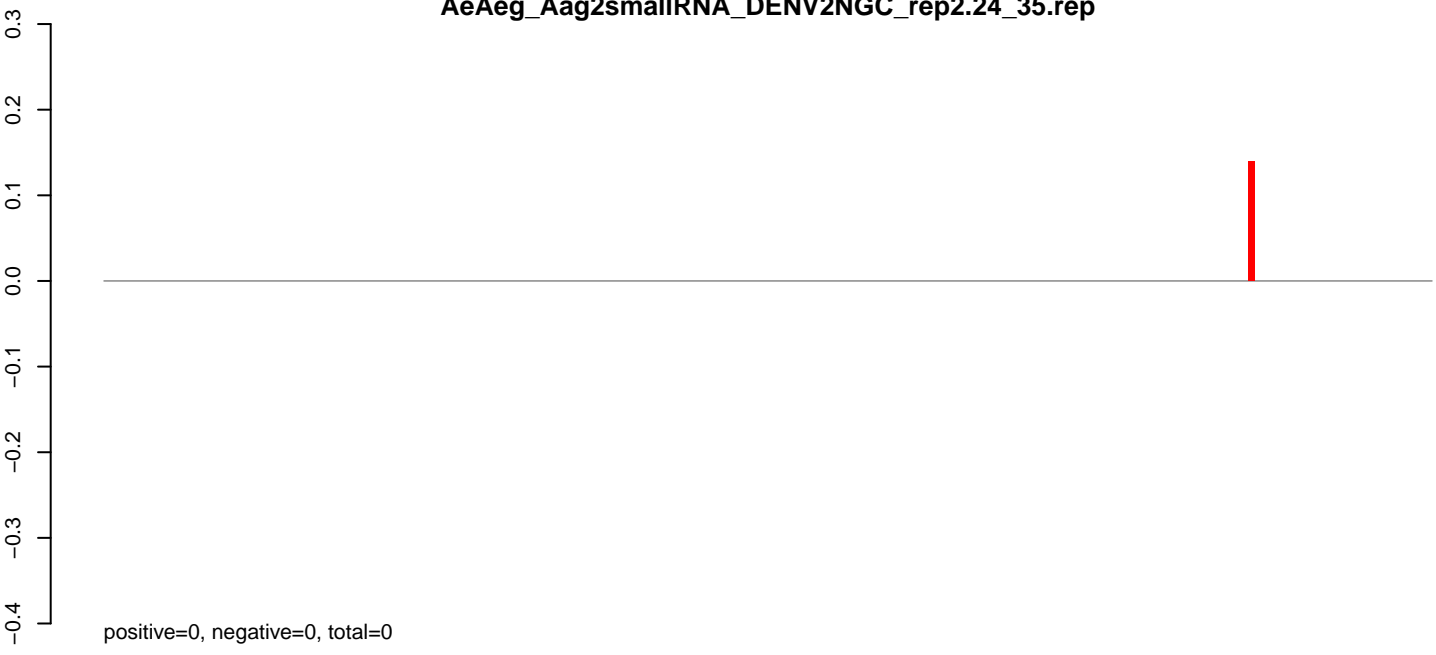


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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

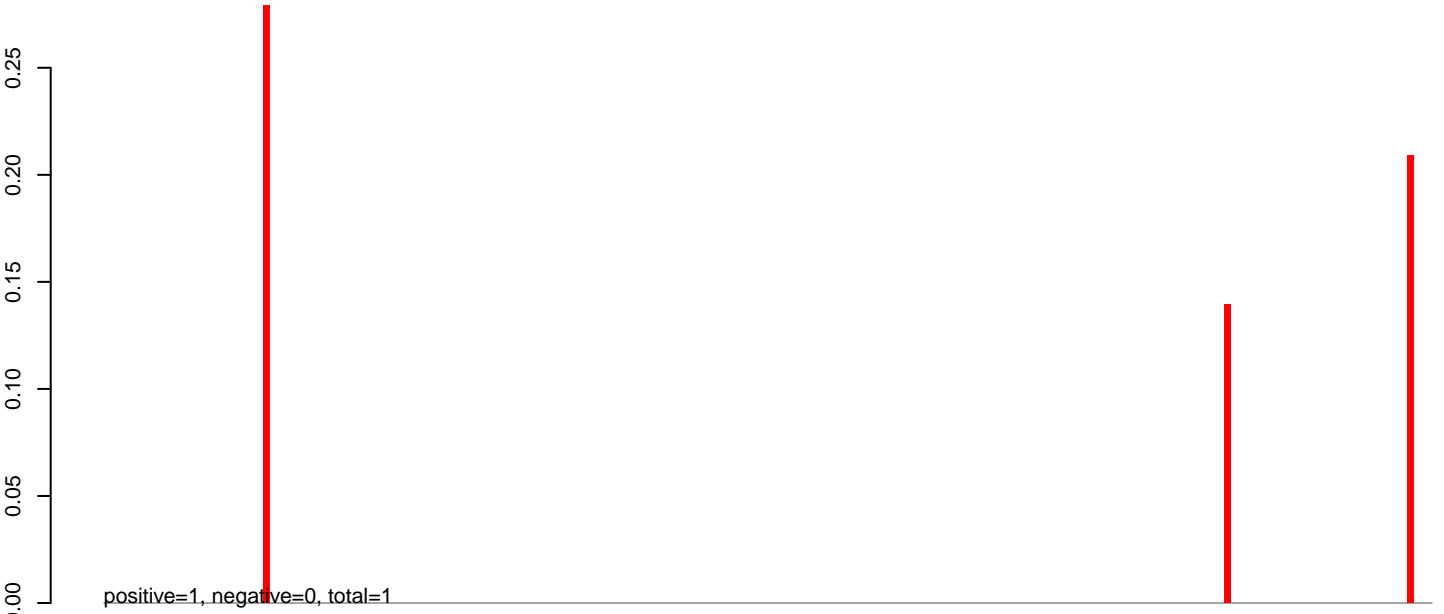


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

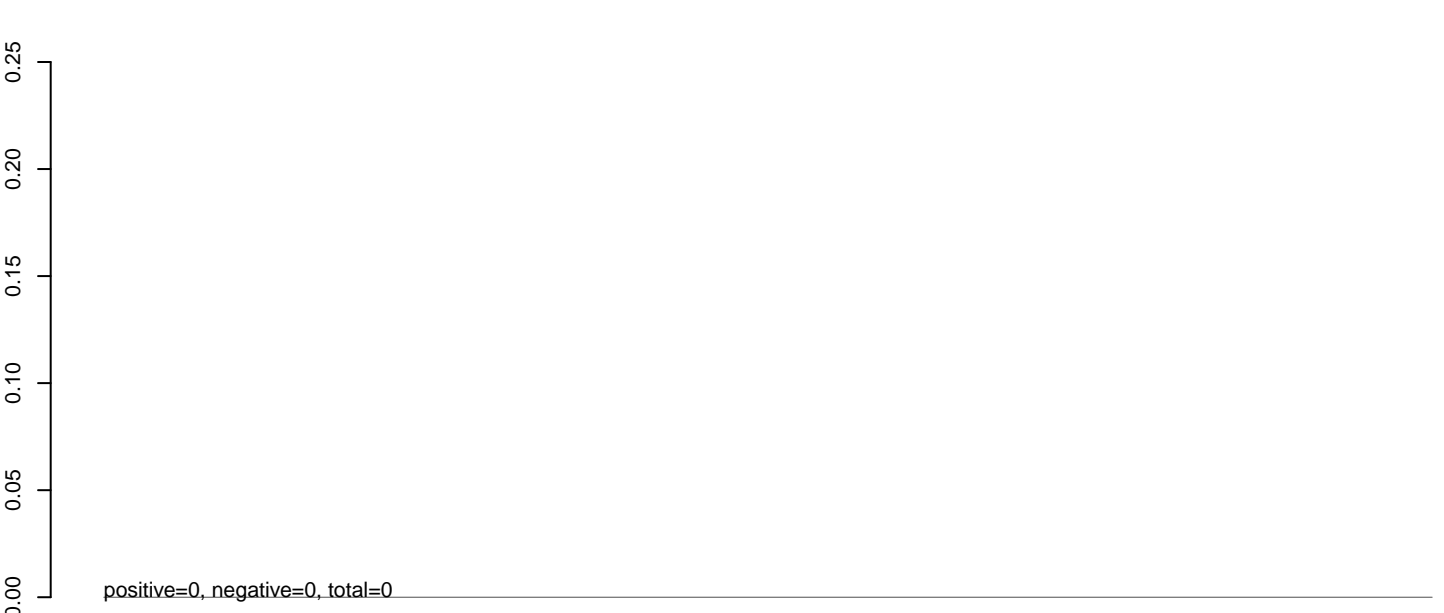




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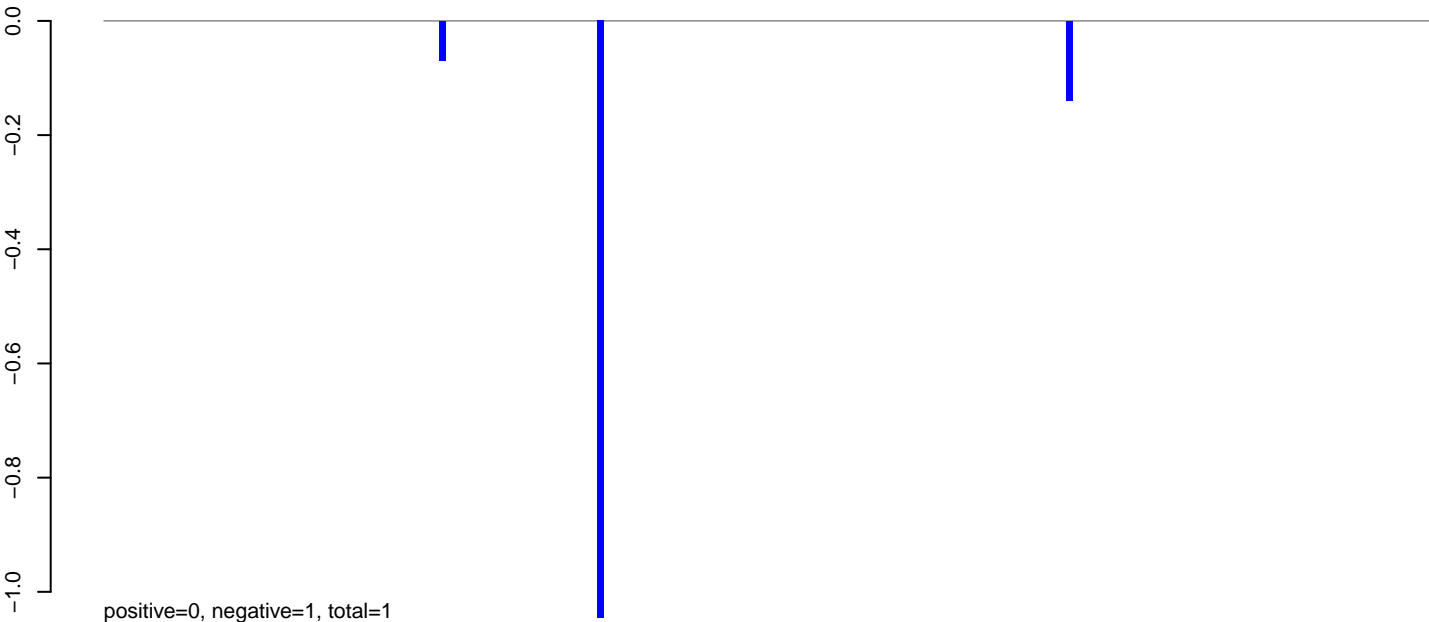
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



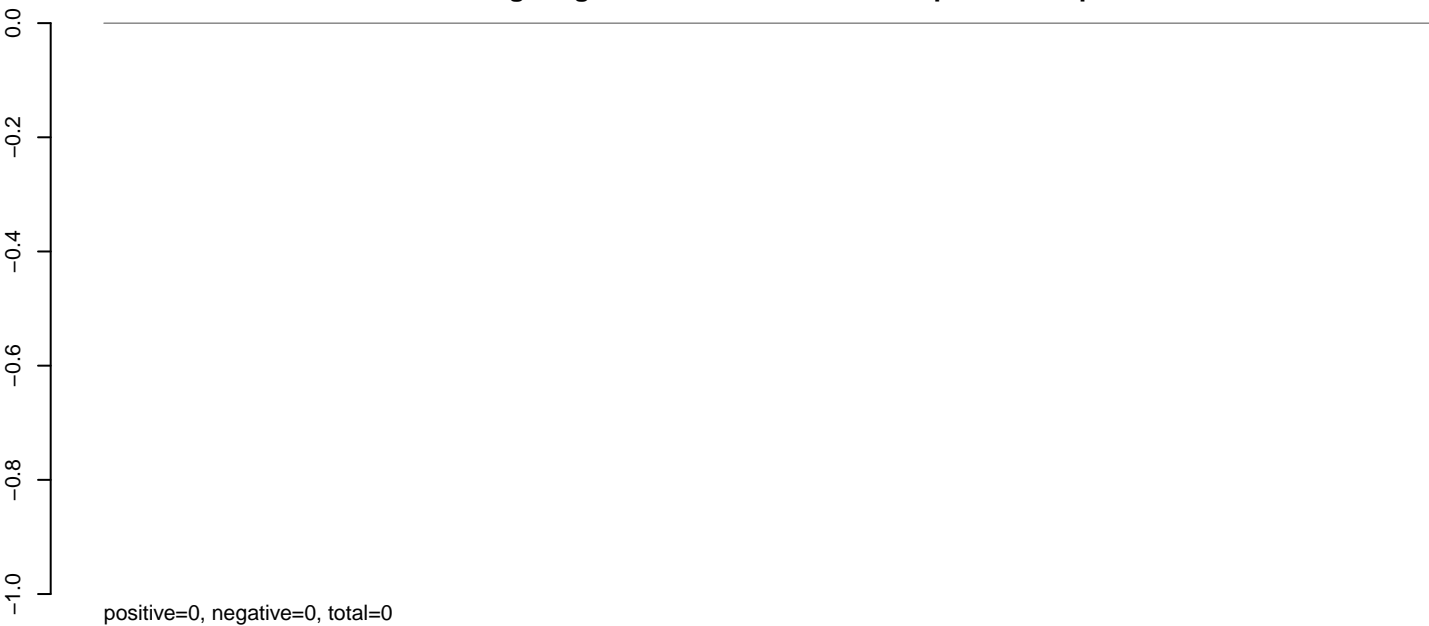
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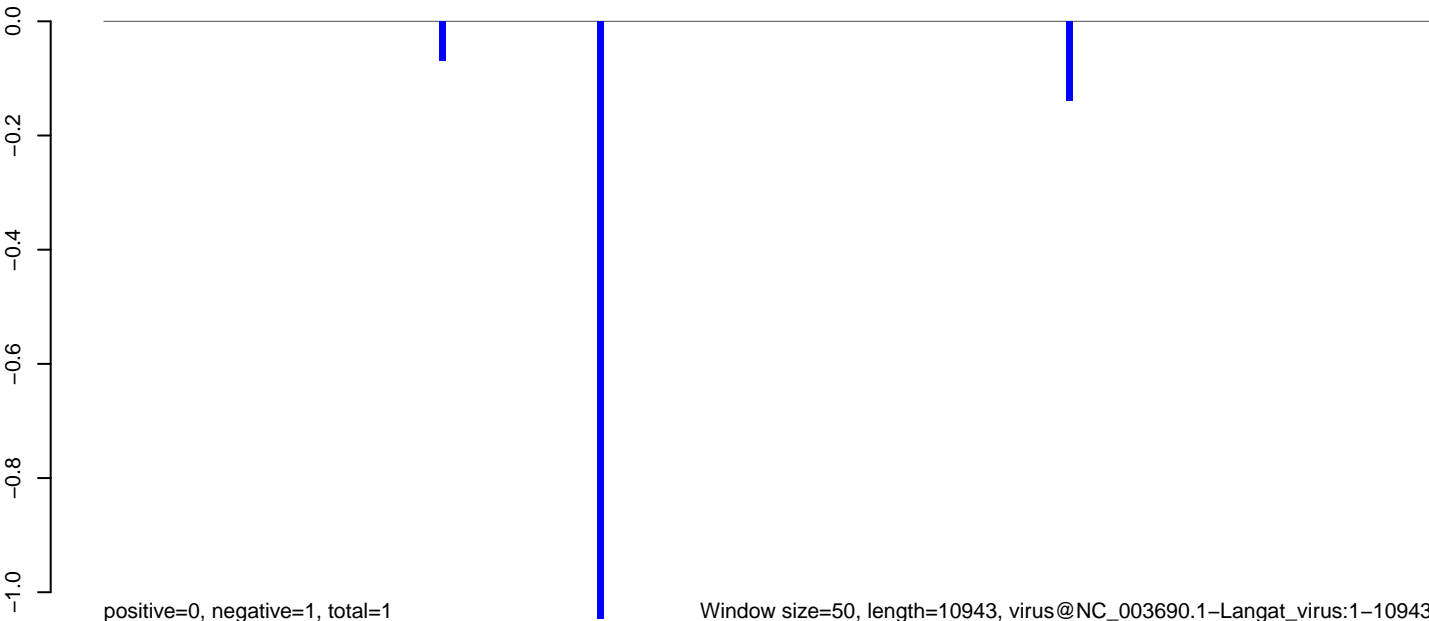
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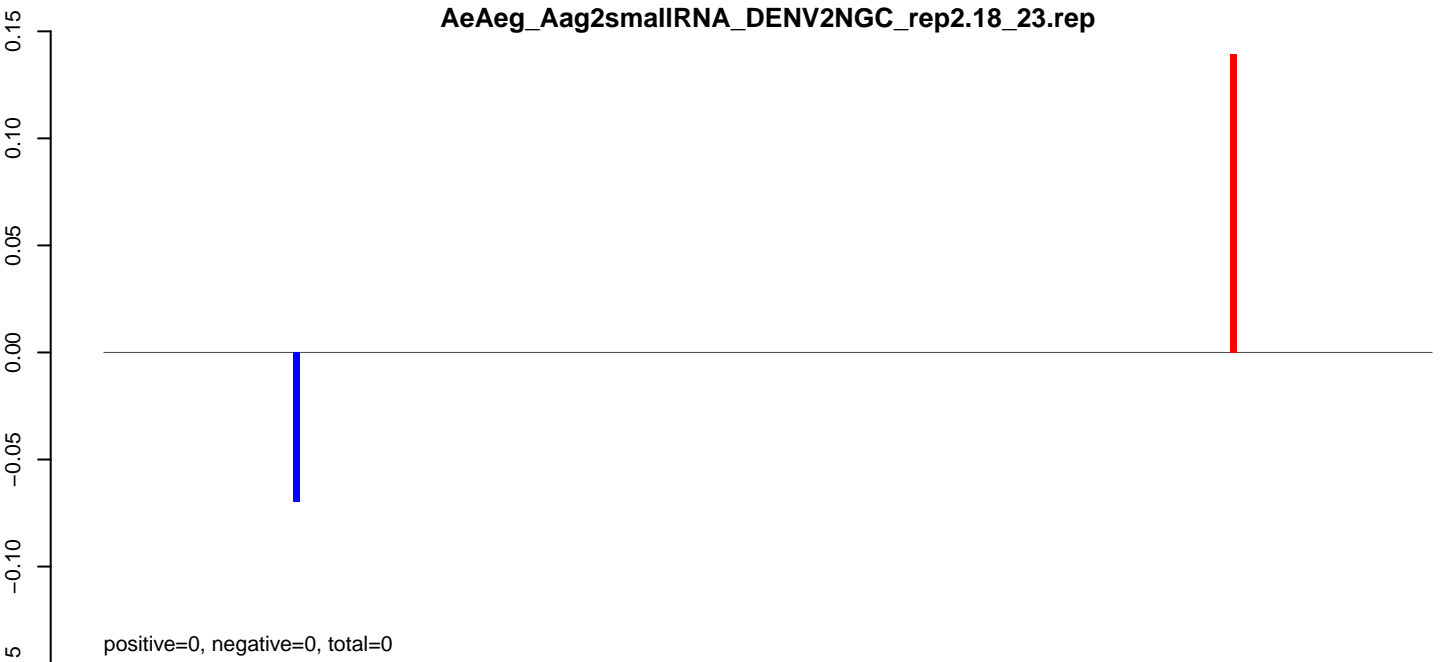
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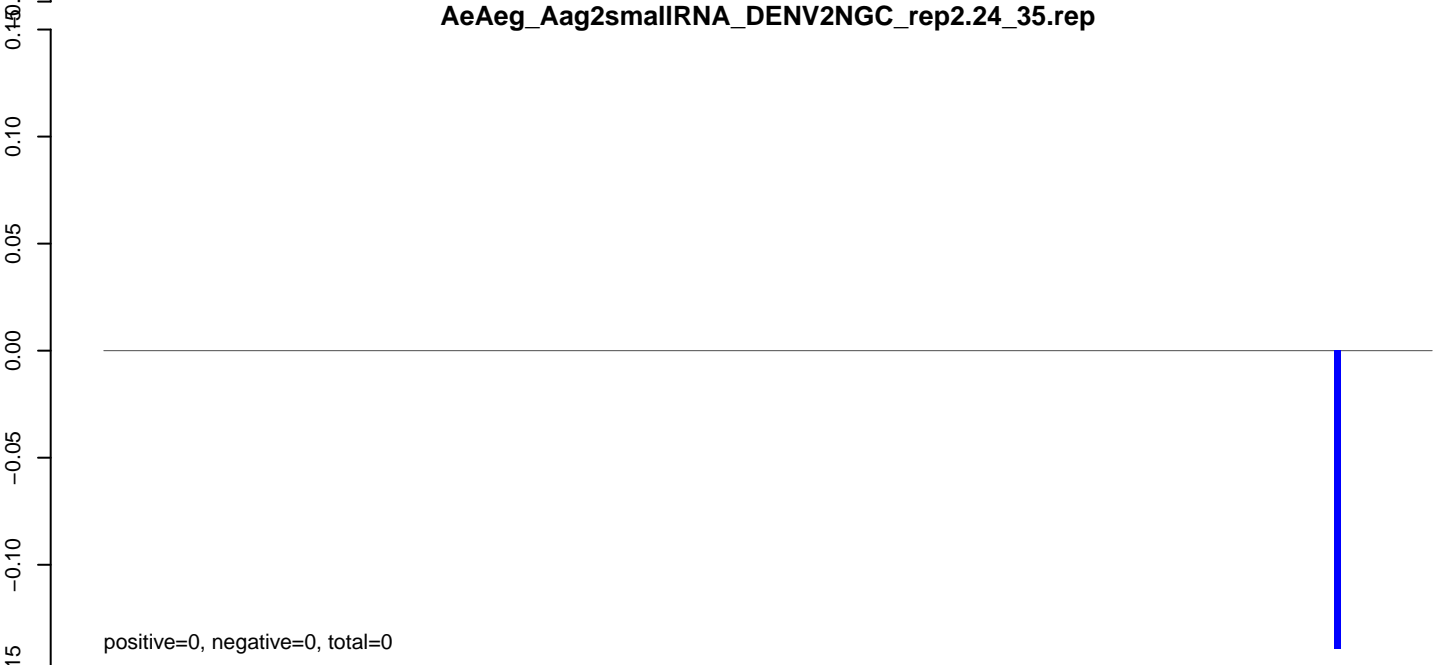
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



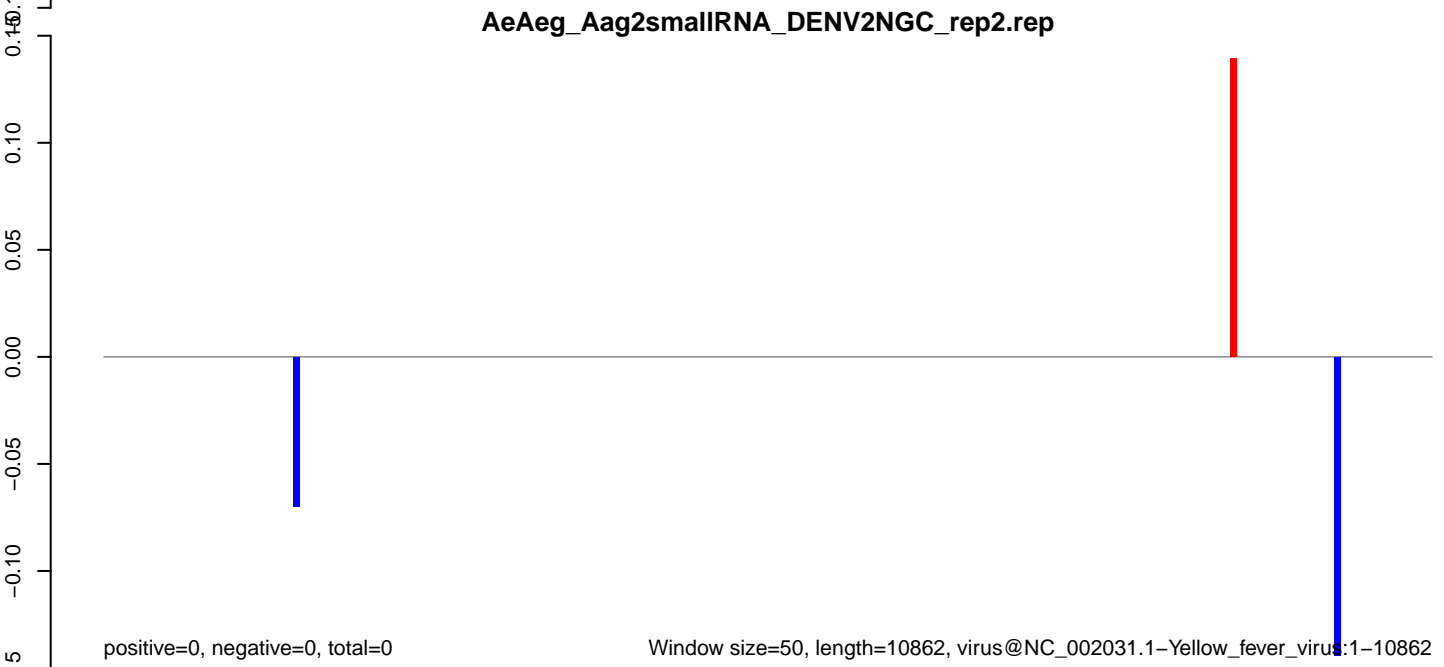
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



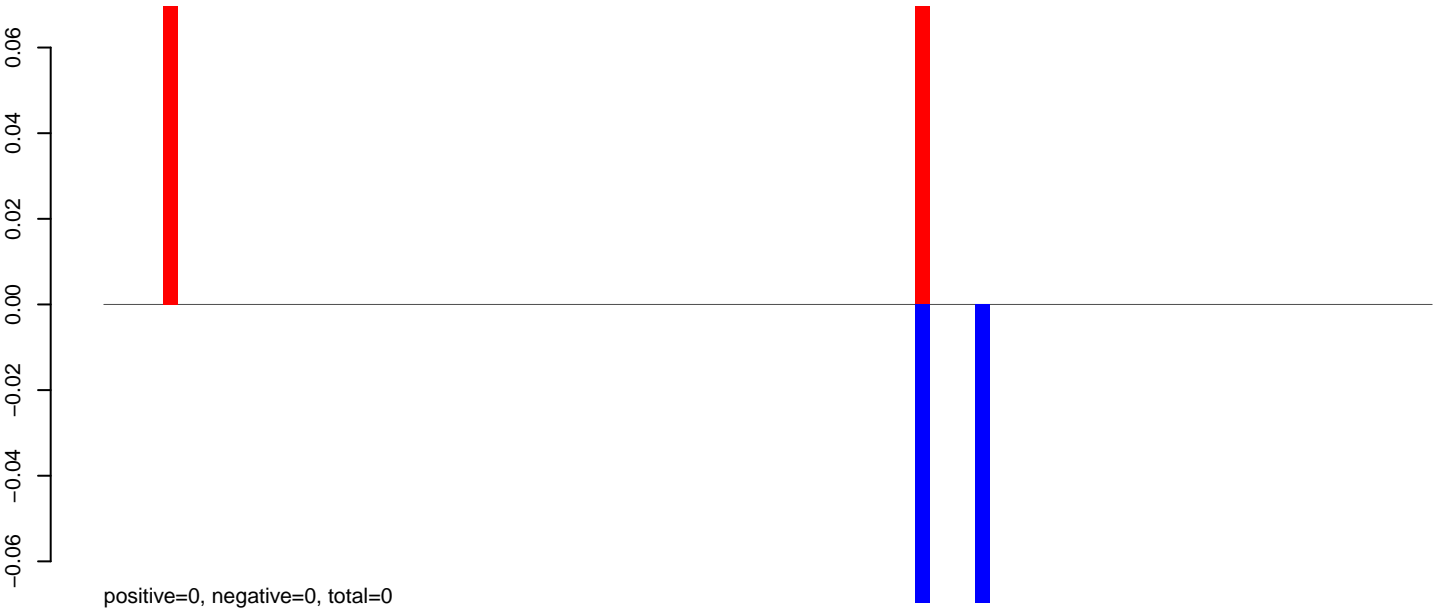
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



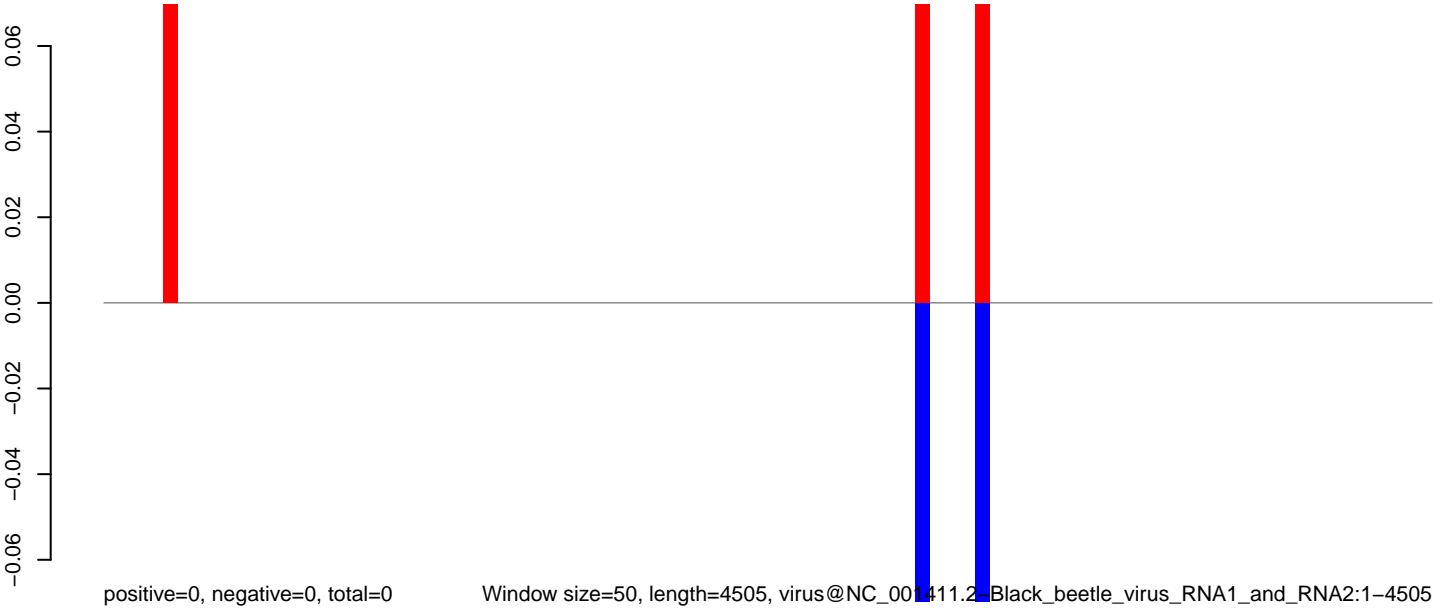
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



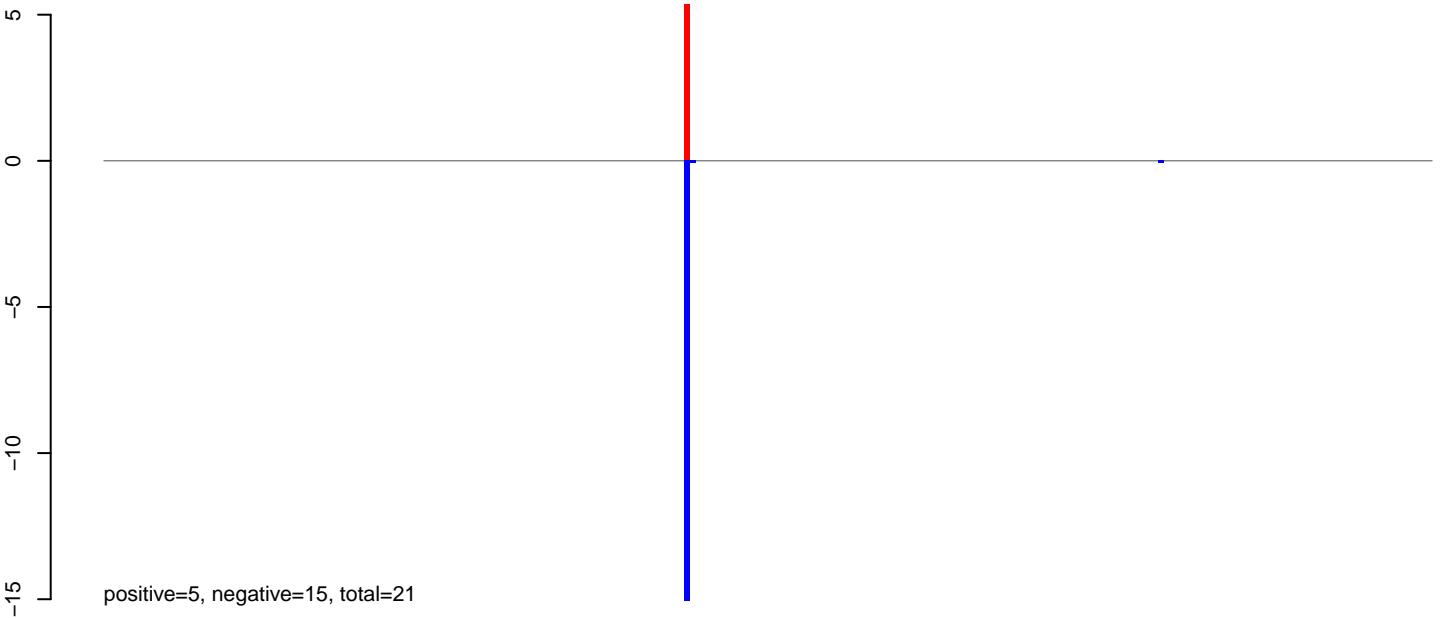
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



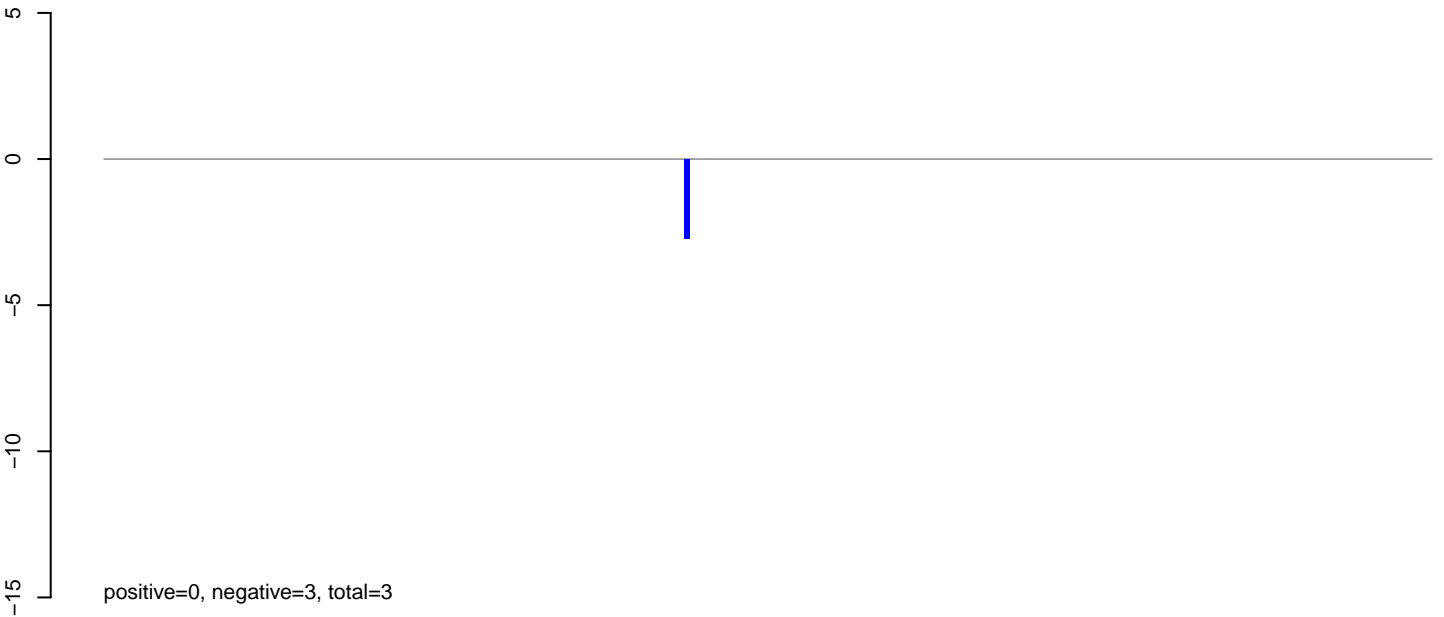
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0 1000 2000 3000 4000

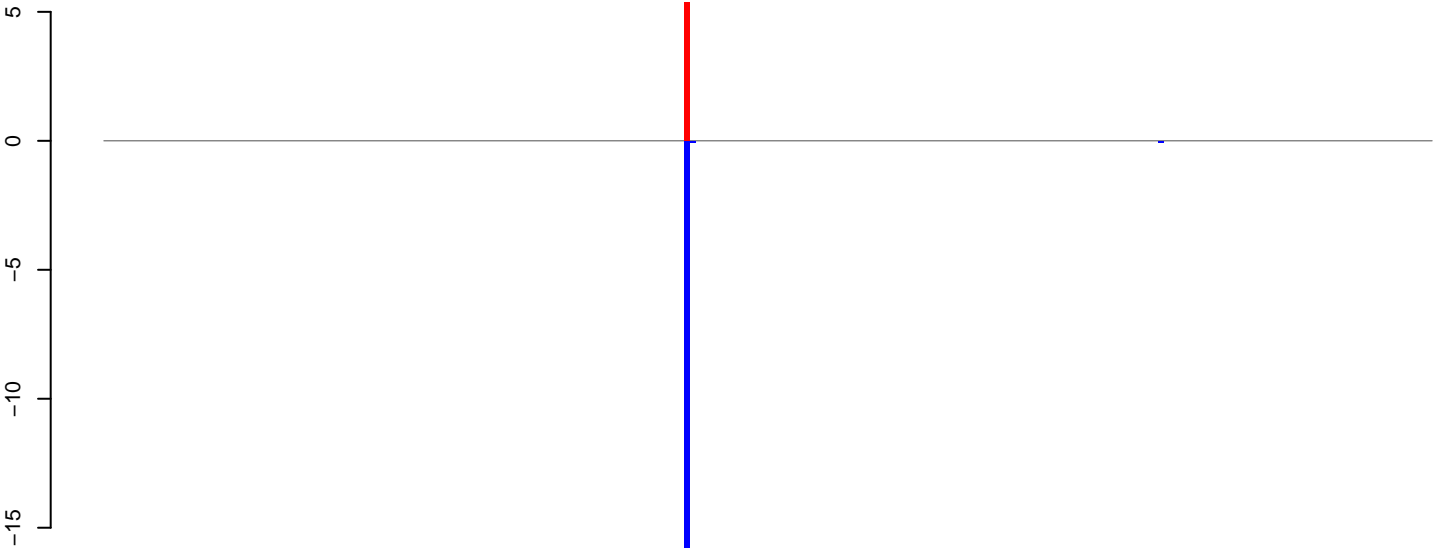
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



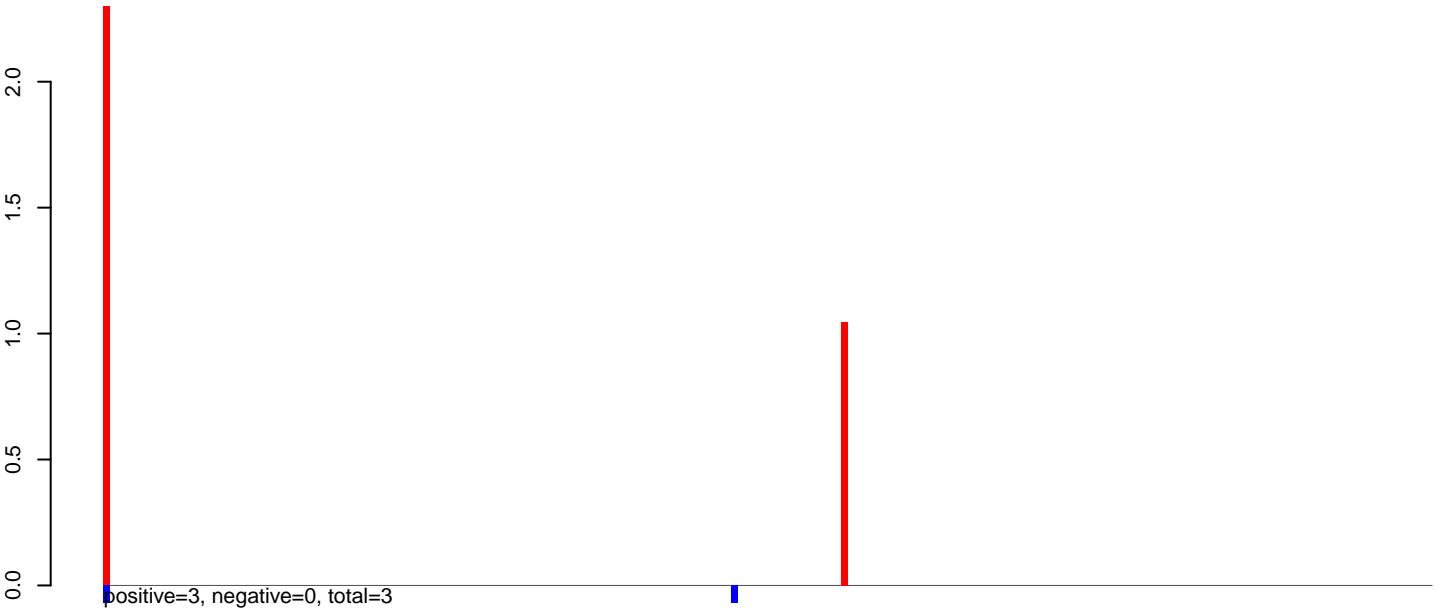
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



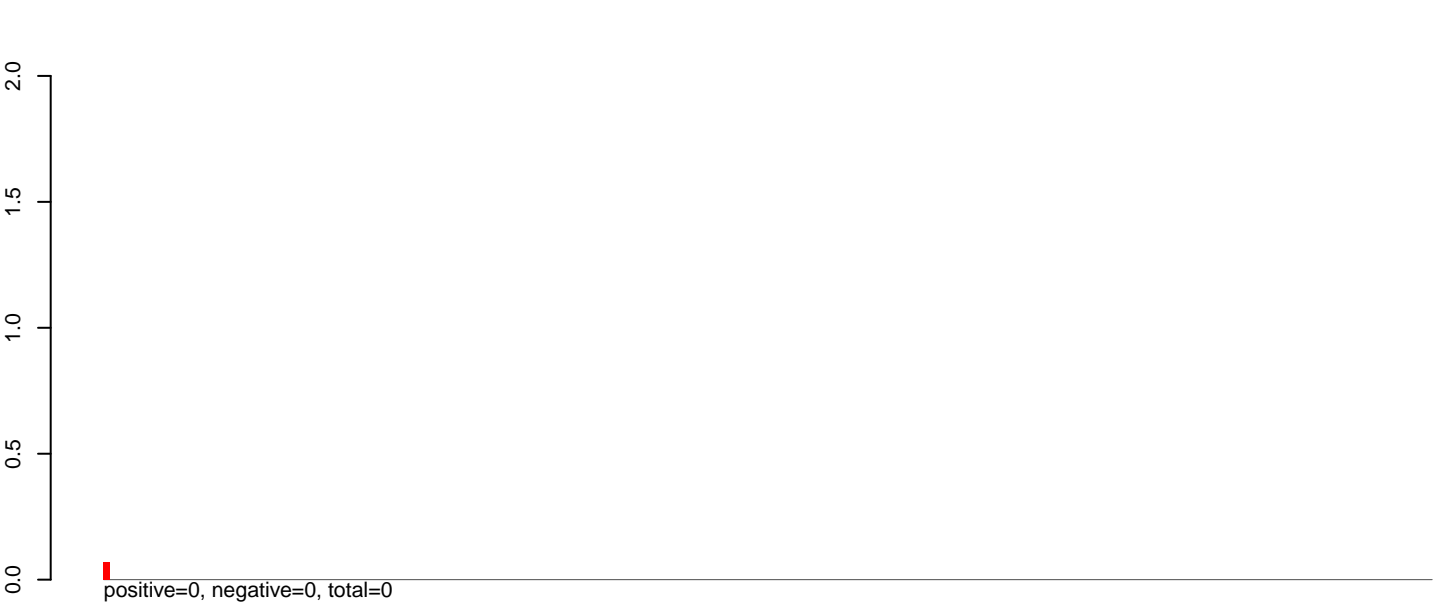
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



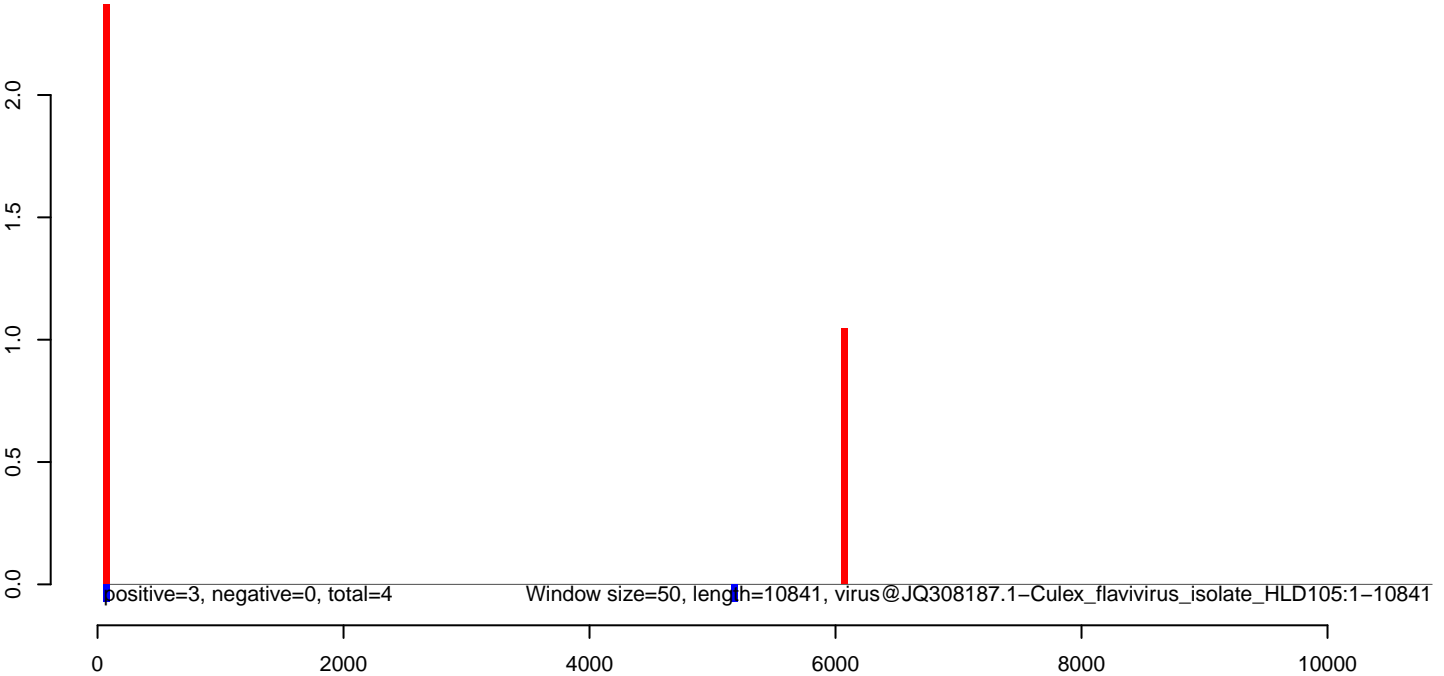
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



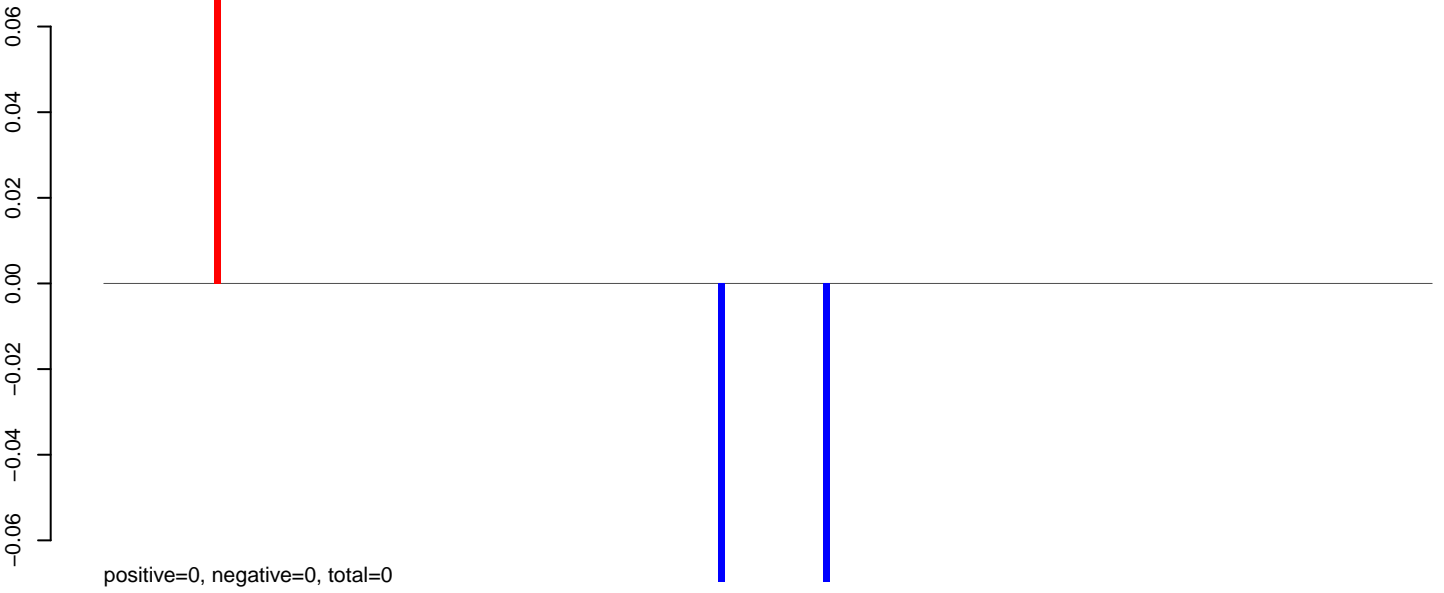
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



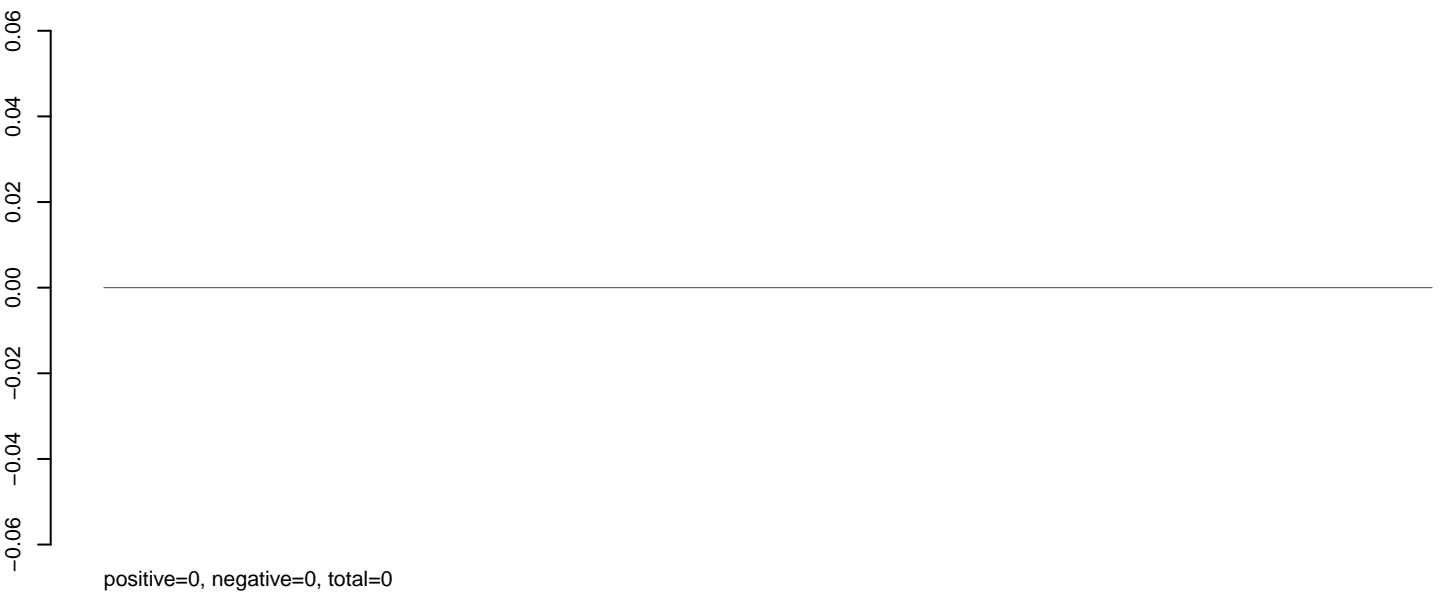
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep



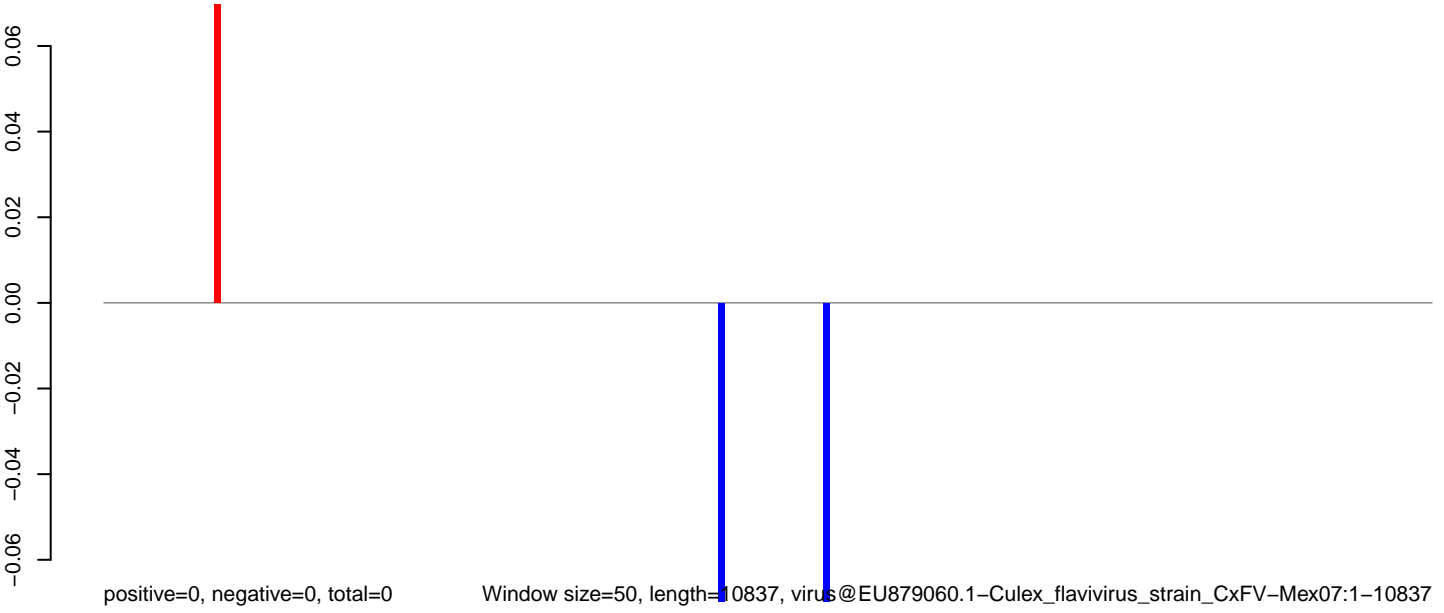
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

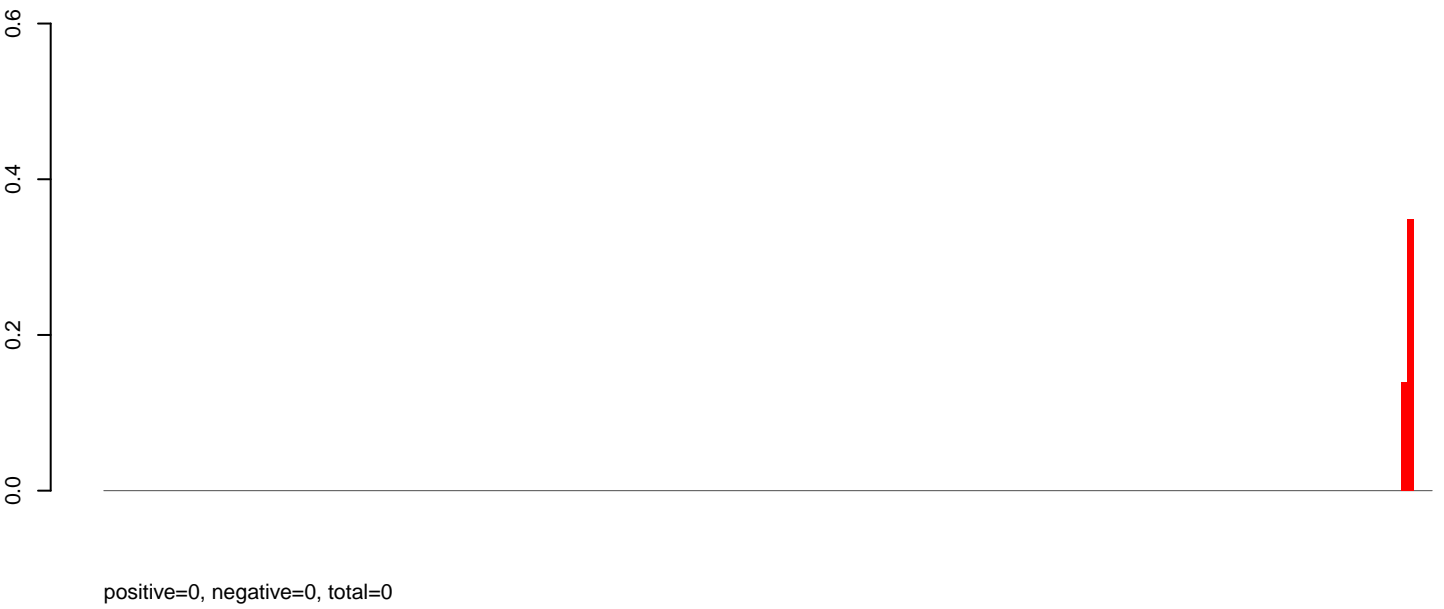


0 2000 4000 6000 8000 10000

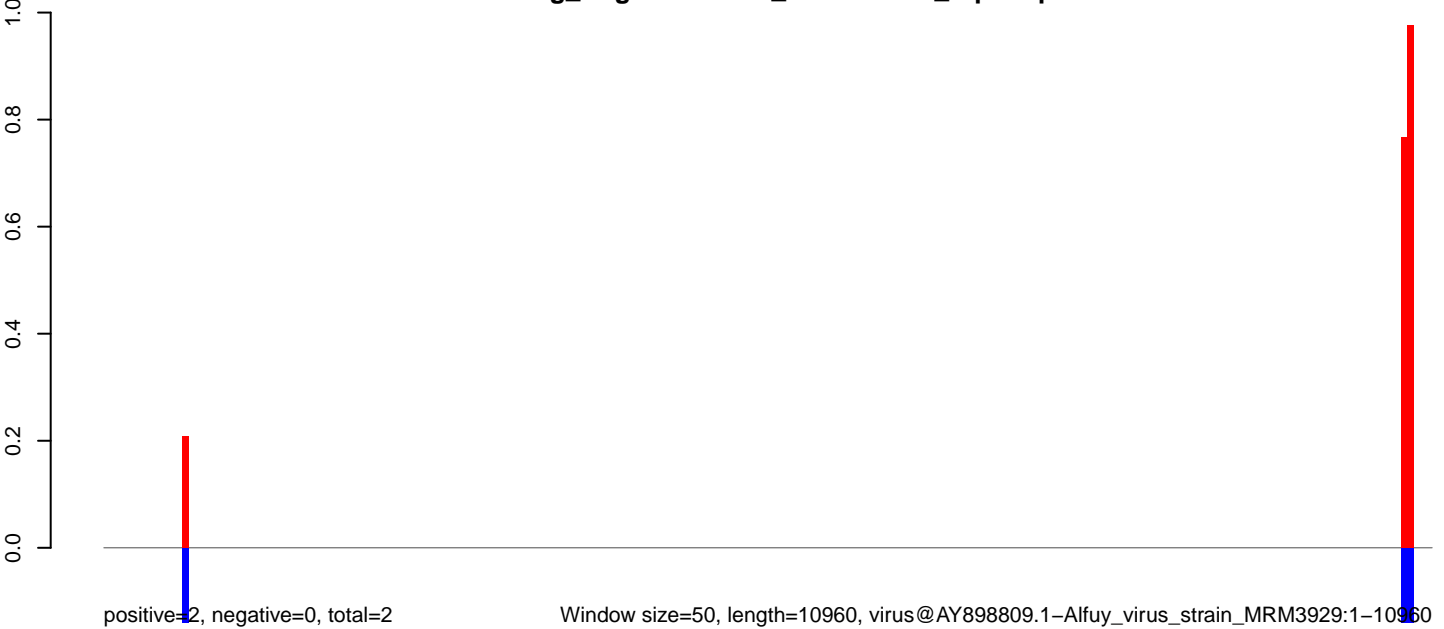
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep



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

0 2000 4000 6000 8000 10000



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**

0.6  
0.4  
0.2  
0.0  
-0.2

positive=1, negative=1, total=2

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

0.6  
0.4  
0.2  
0.0  
-0.2

positive=0, negative=0, total=0

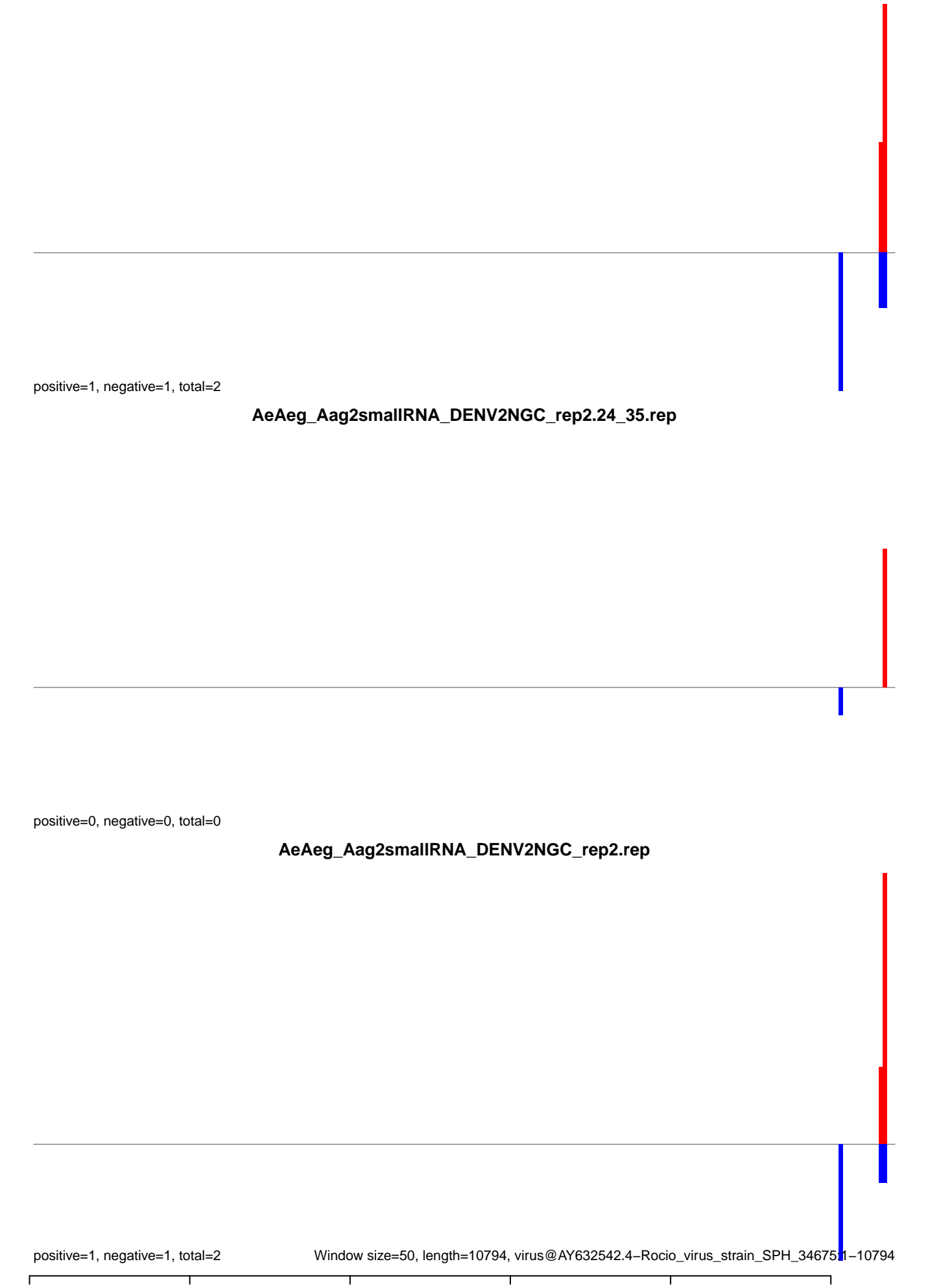
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

1.0  
0.8  
0.6  
0.4  
0.2  
0.0  
-0.2  
-0.4

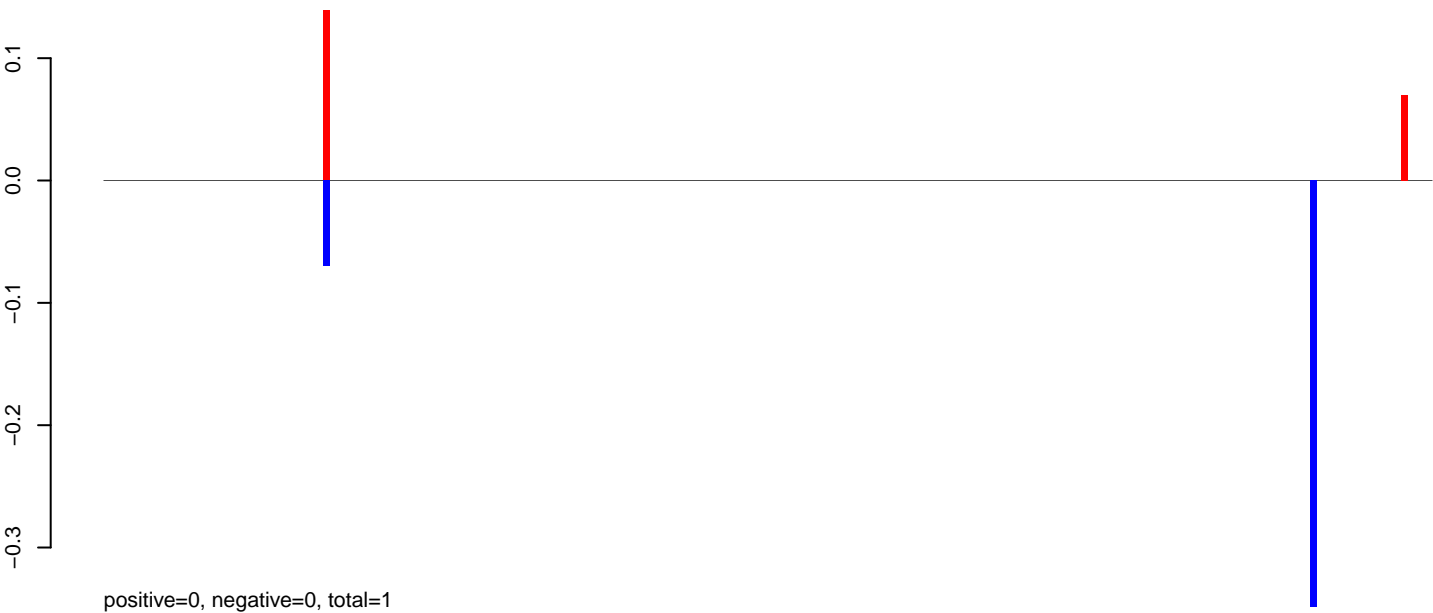
positive=1, negative=1, total=2

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

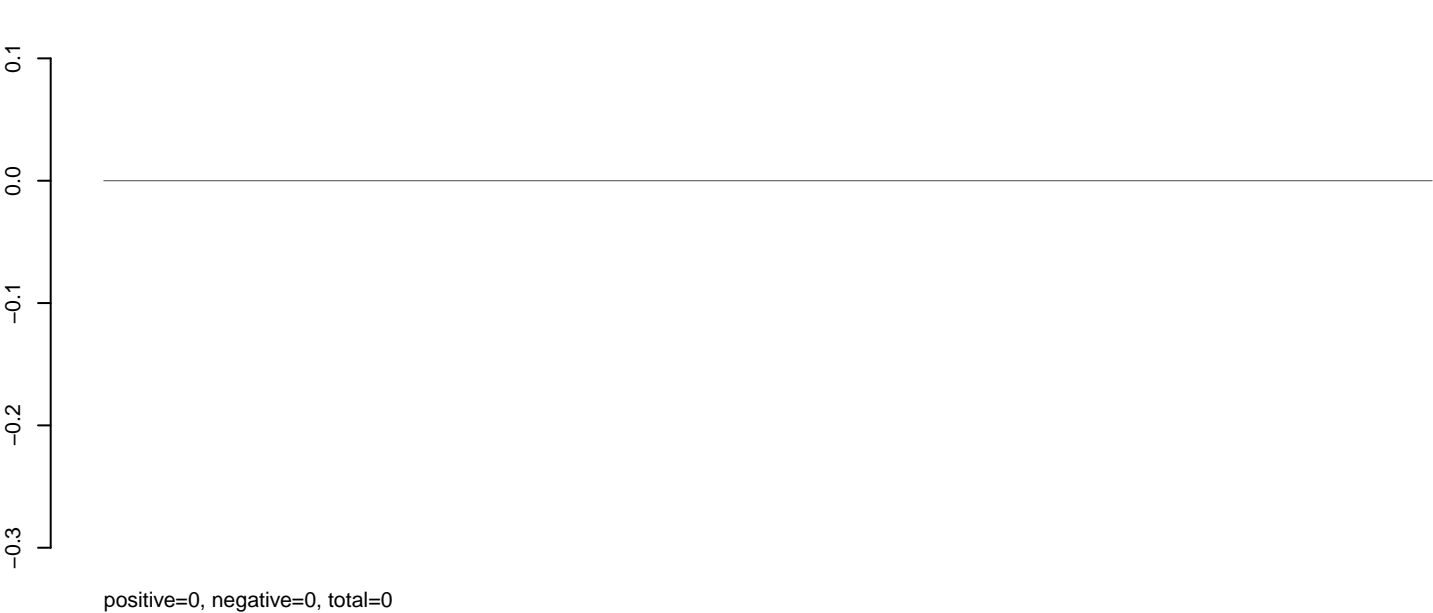
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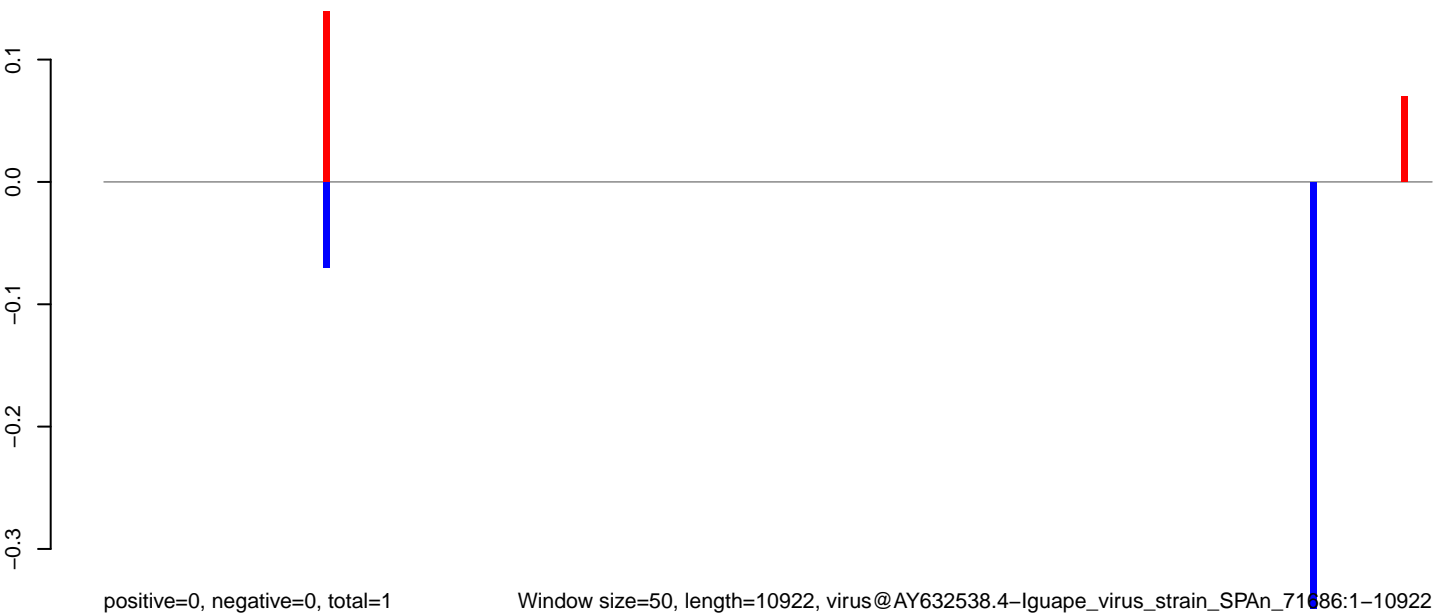
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

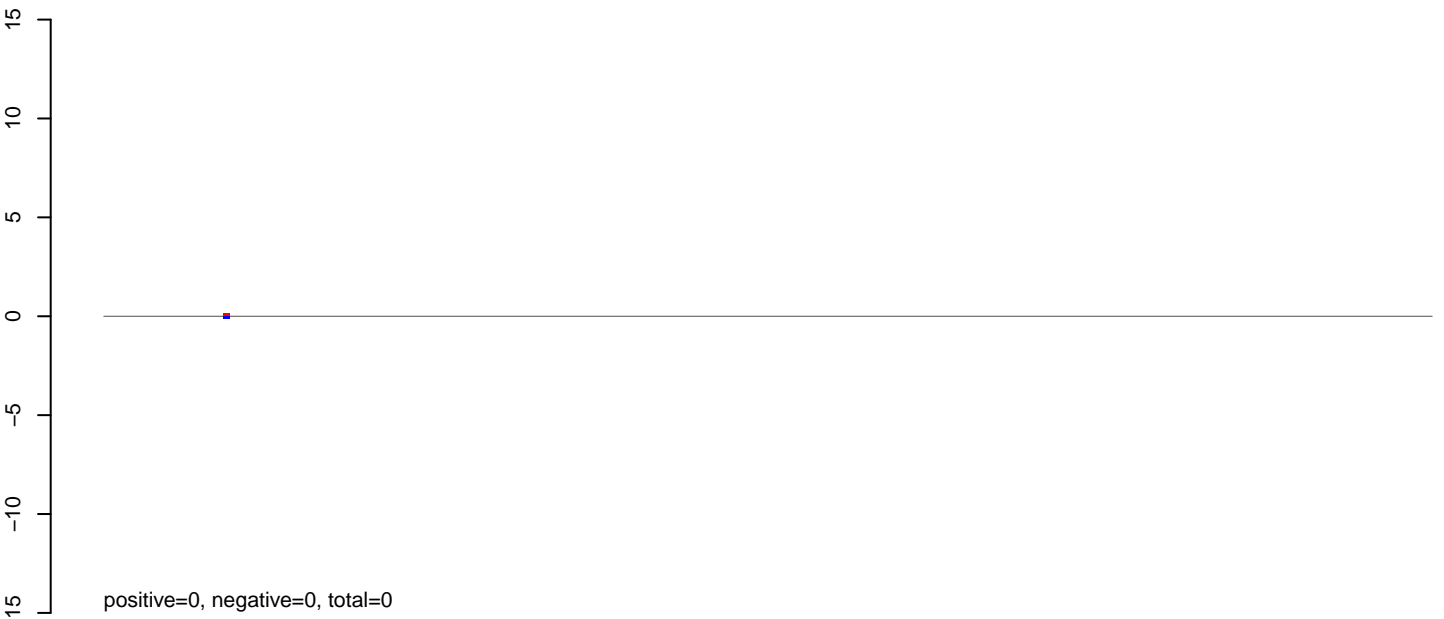


Window size=50, length=10922, virus@AY632538.4-Iguape\_virus\_strain\_SPAn\_71686:1-10922

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



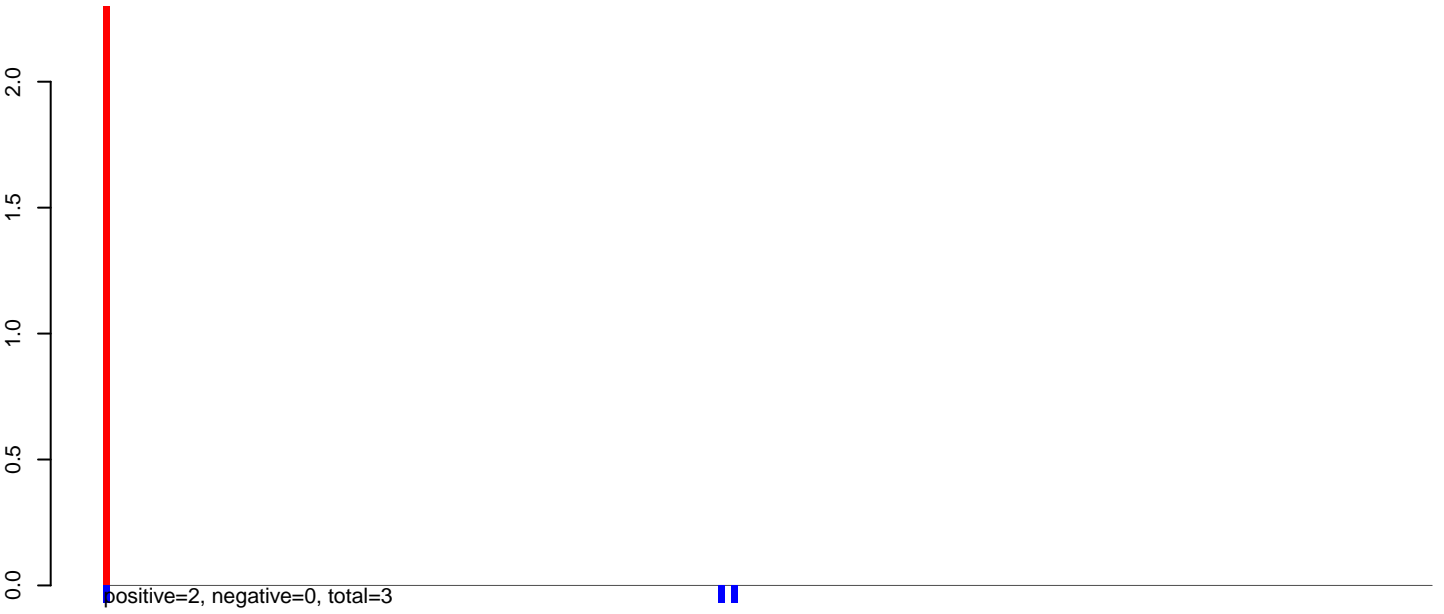
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



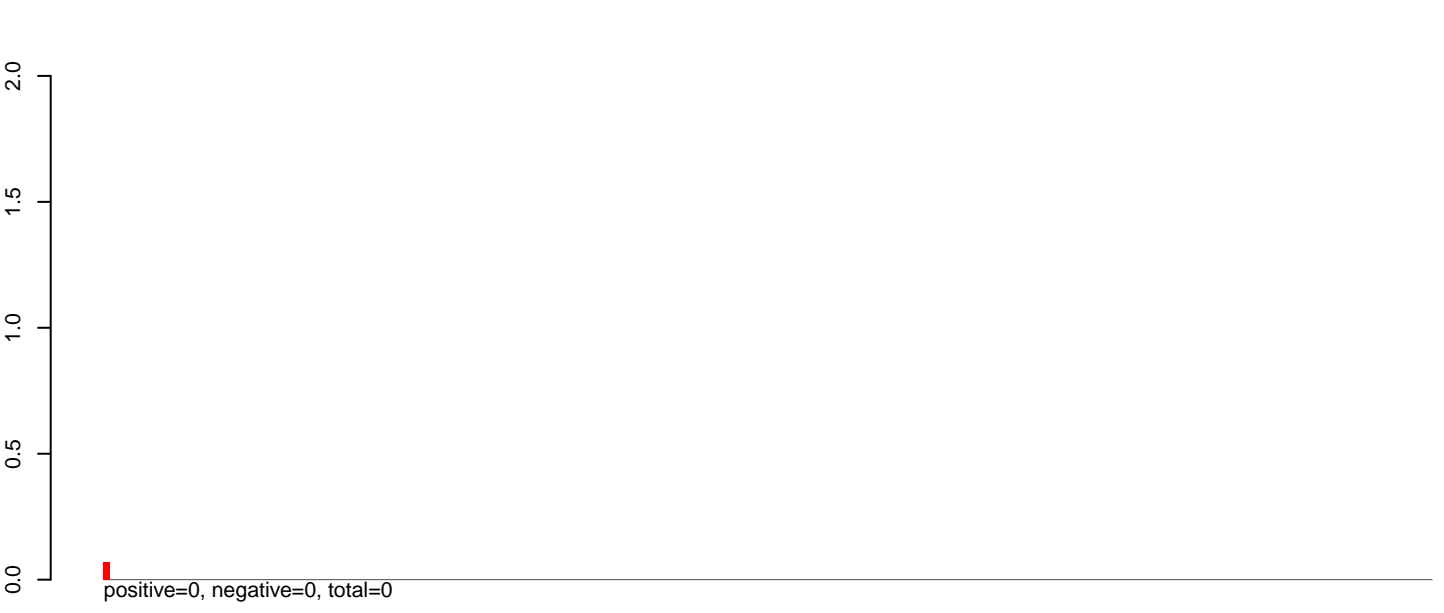
AF416352-A8c negative=15, total=32 sing\_agent\_virus\_polyprotein-like\_protein\_gene\_and\_agCP8252-like\_protein\_gene\_partial\_cds:1-10587

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



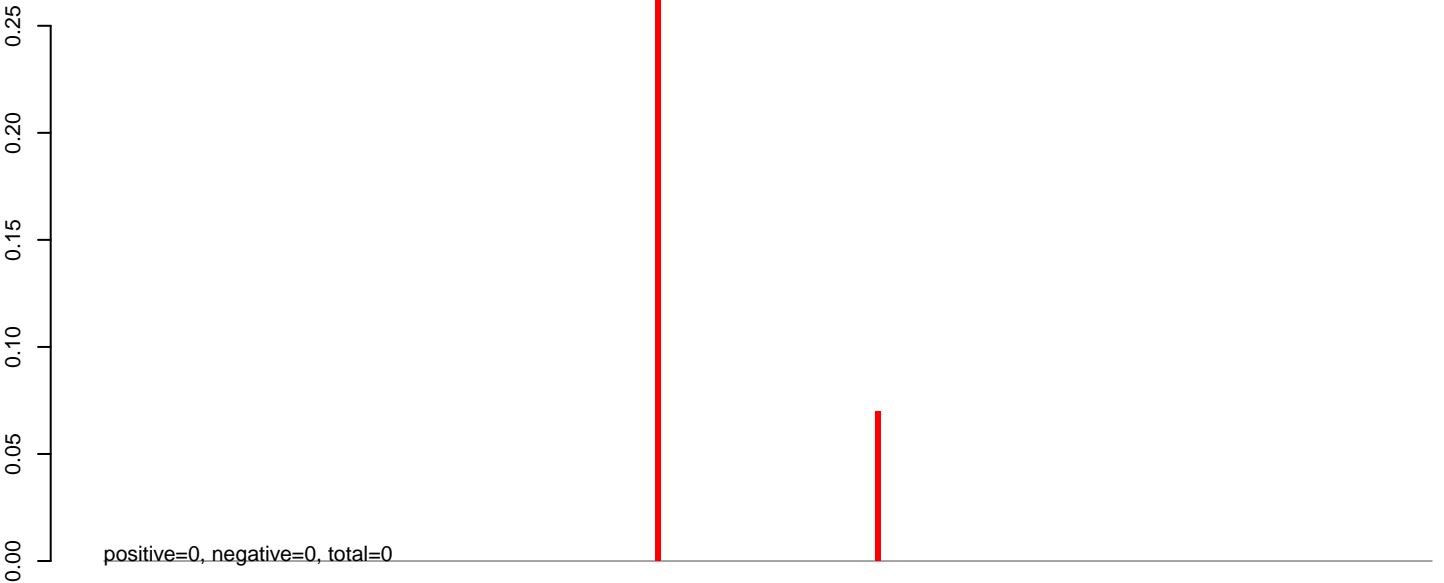
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



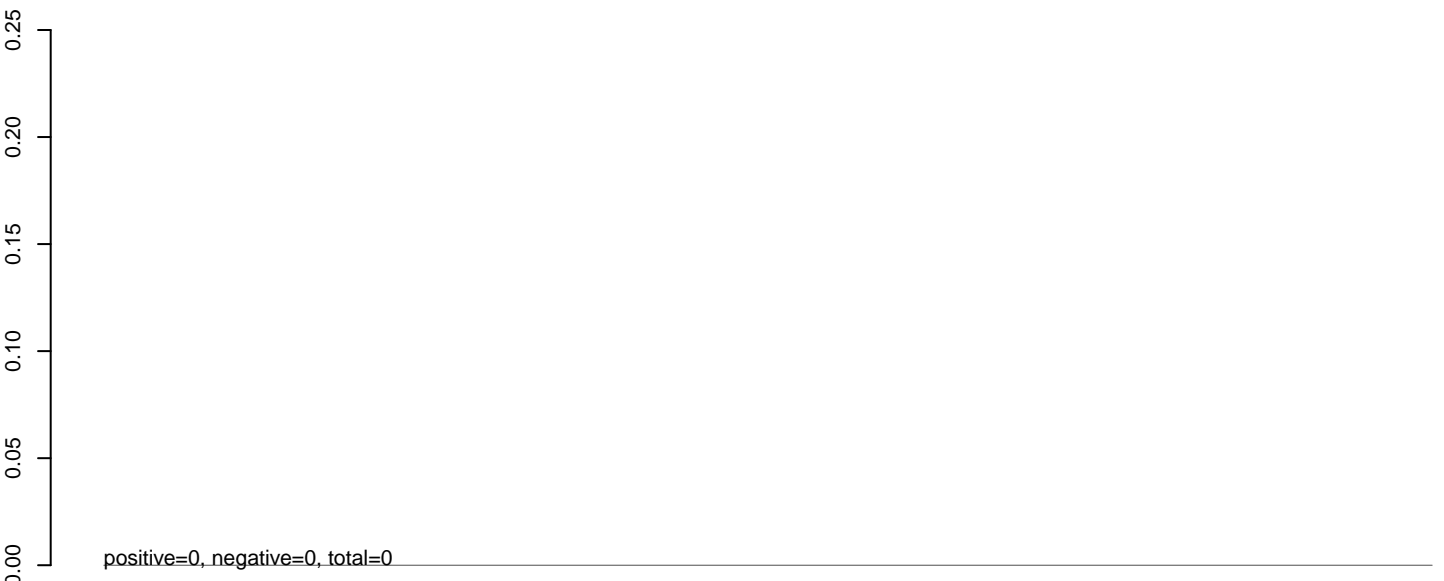
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep



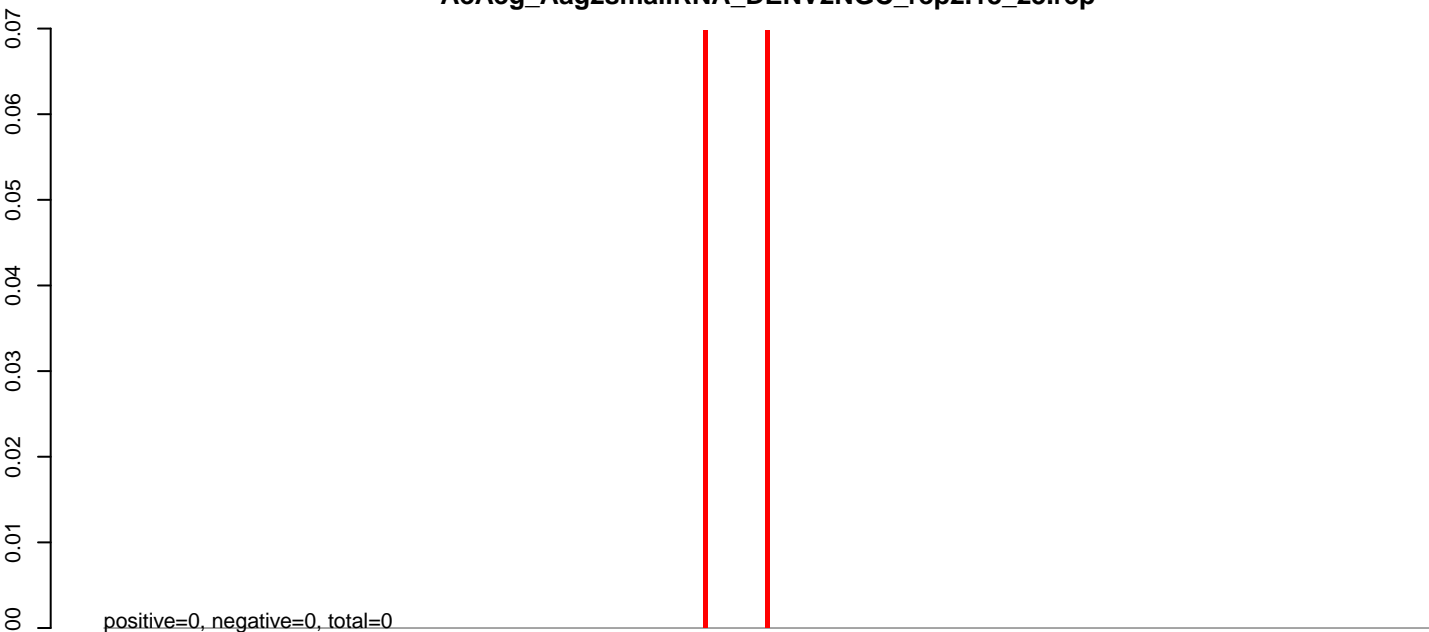
AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep



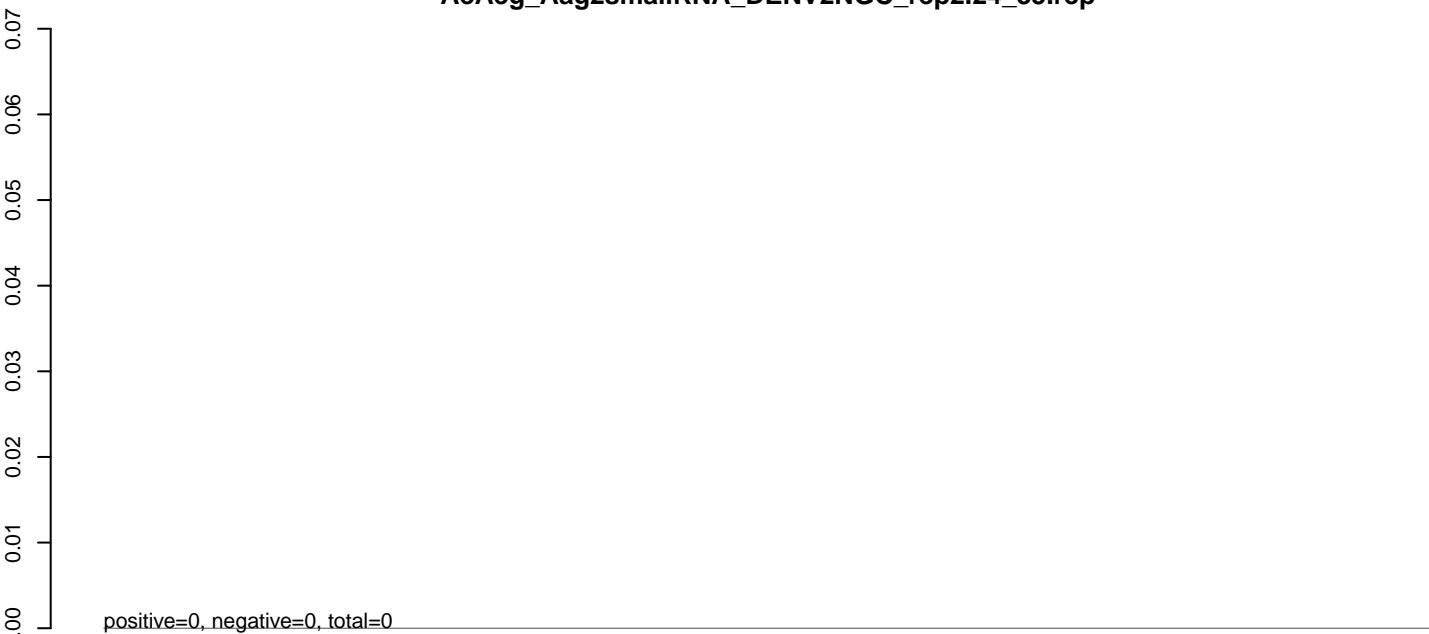
downloaded from SRA on 08/24/2012, total=0 NC\_038712.1-Herbert\_virus\_strain\_F23\_CI\_2004\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-11202

0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

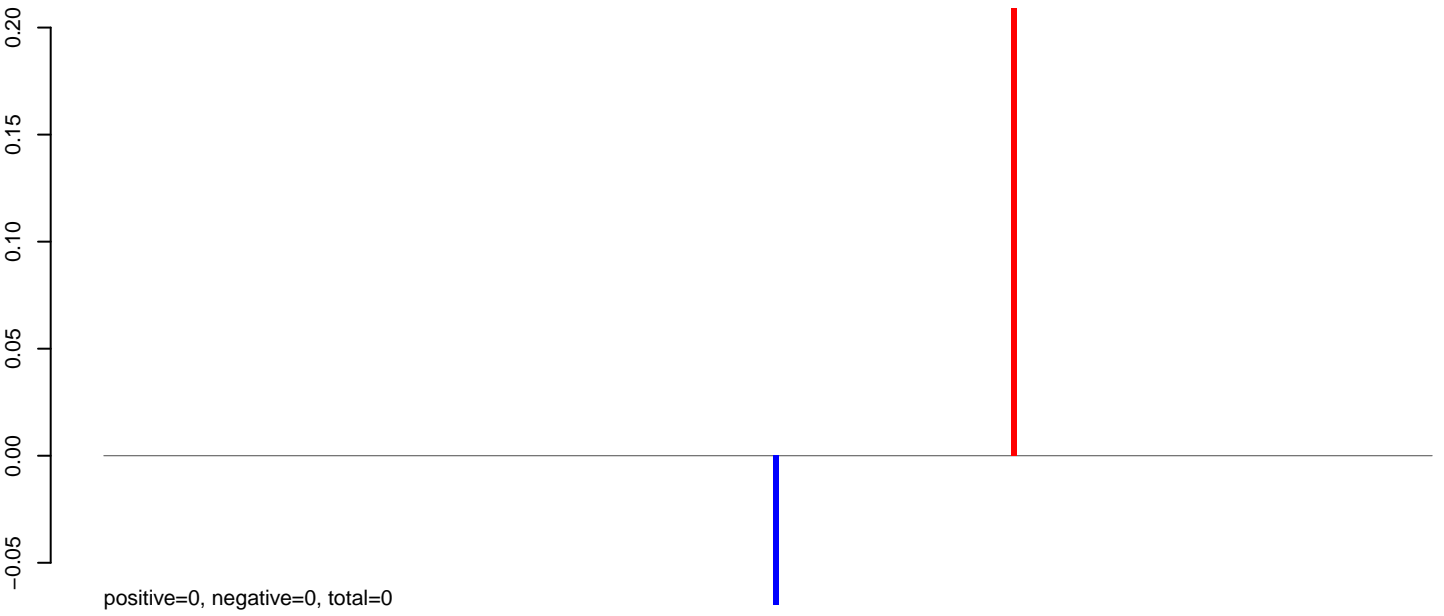


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

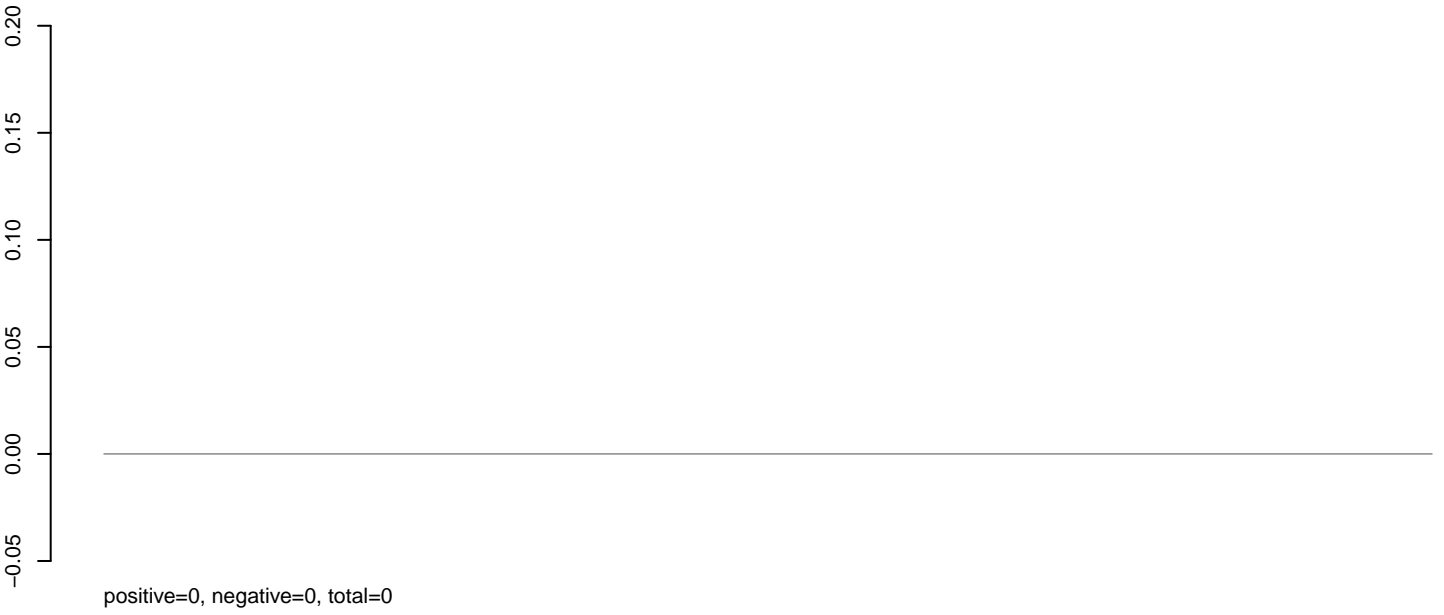


0 2000 4000 6000 8000 10000 12000 14000

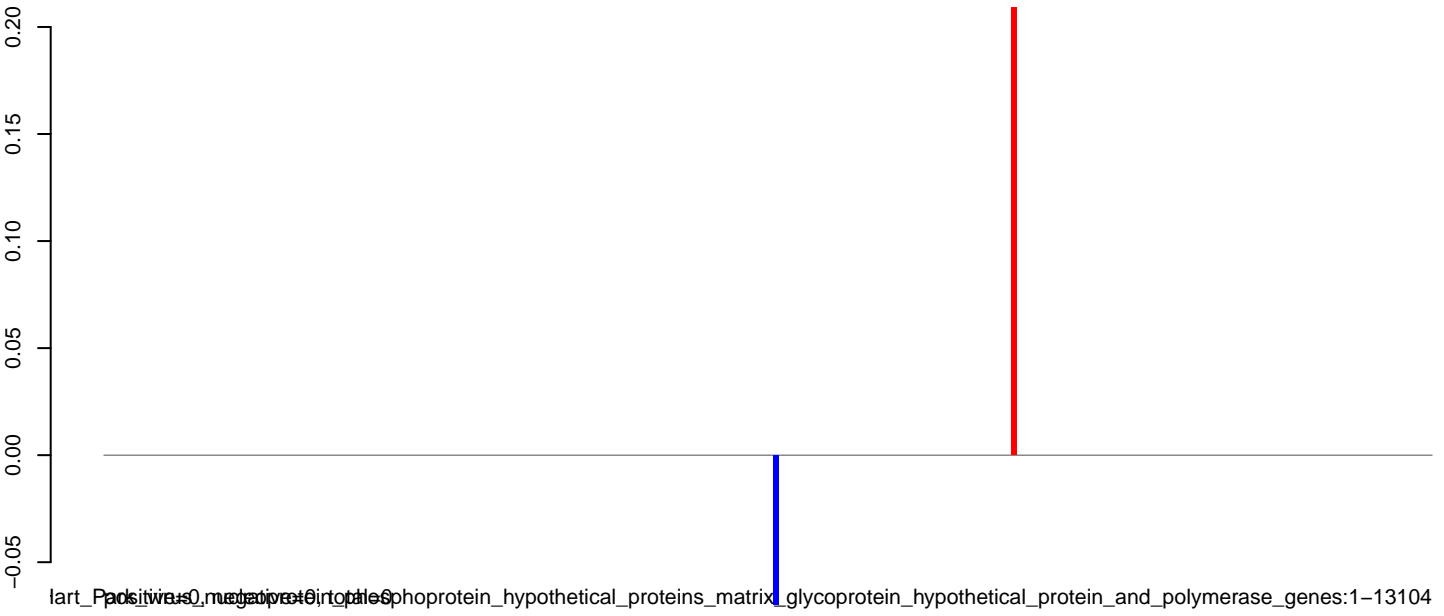
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

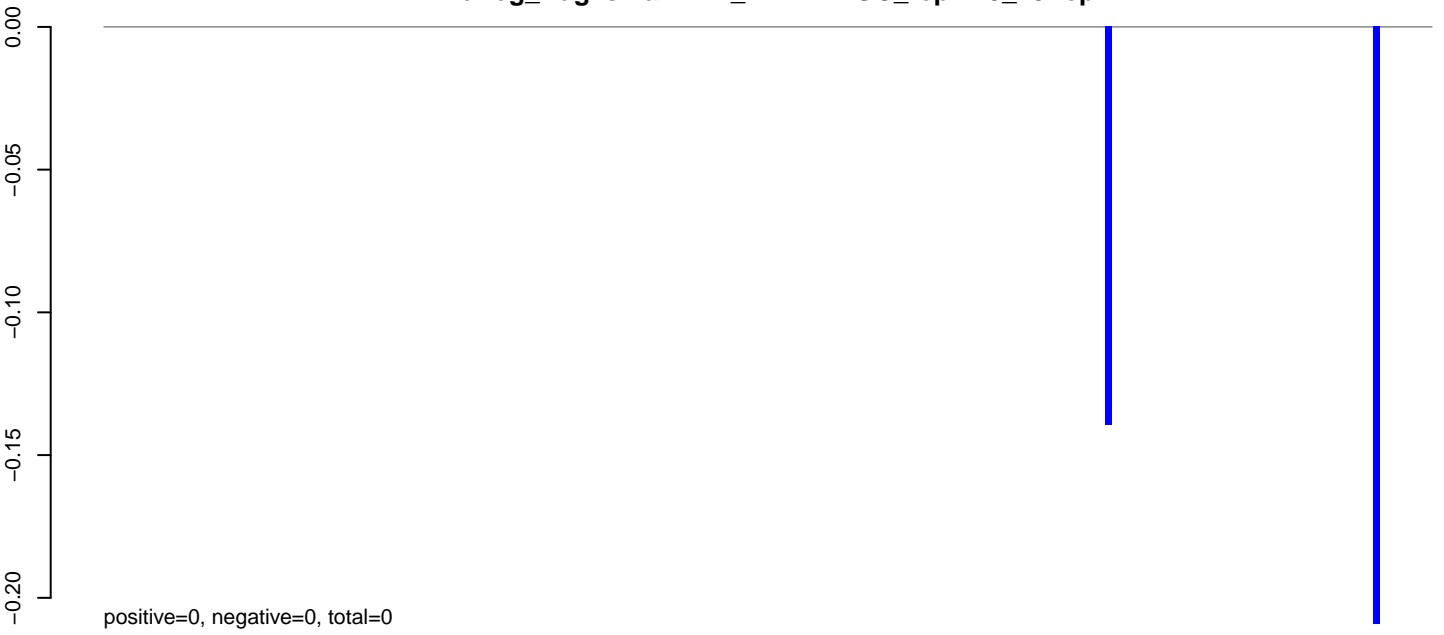


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

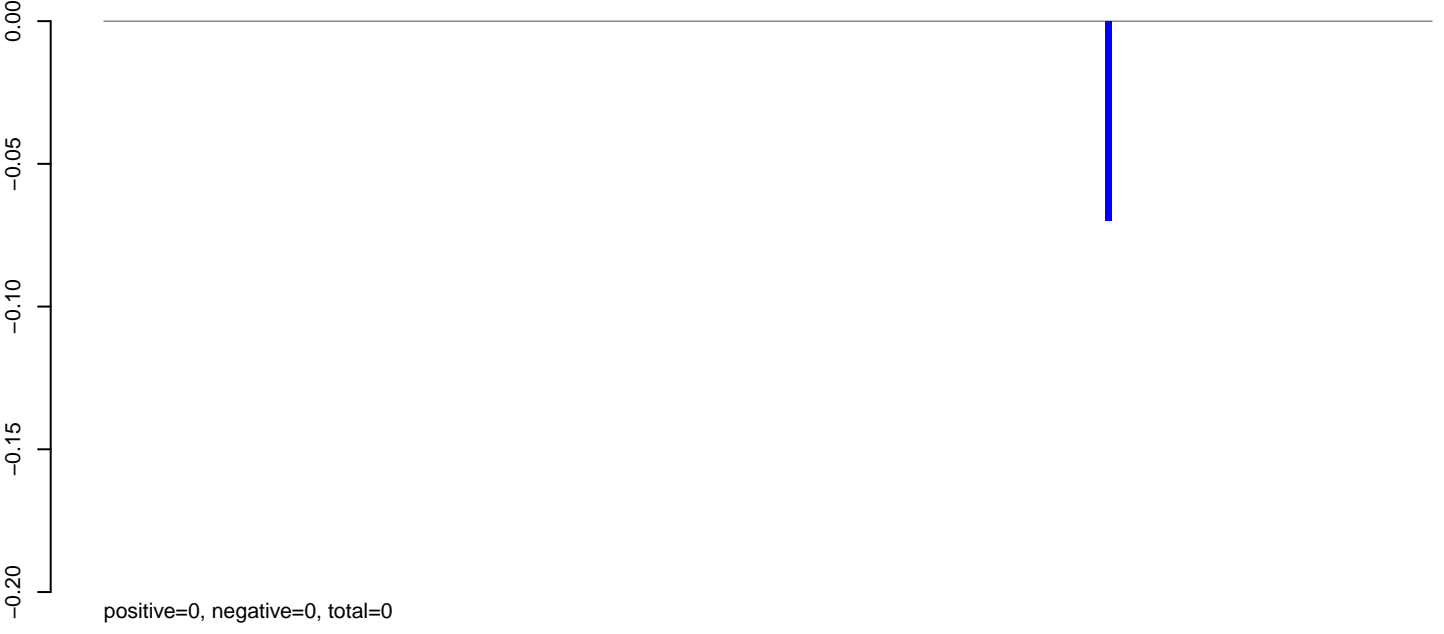


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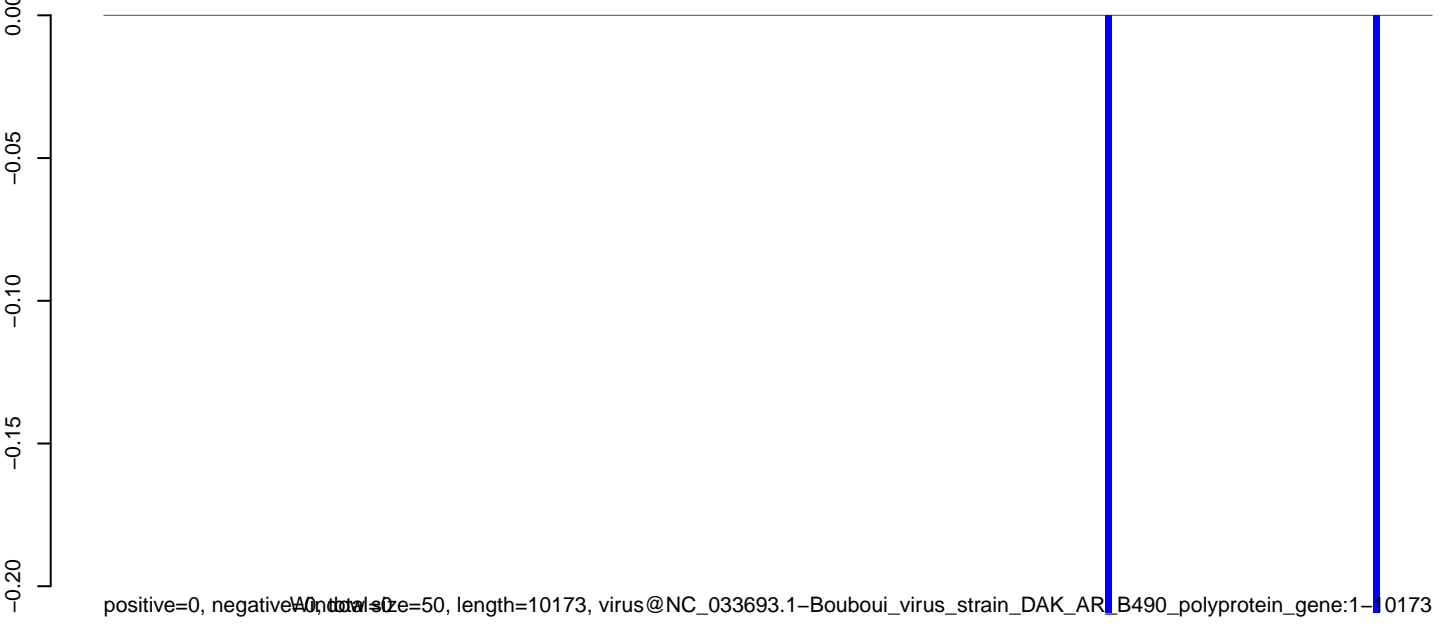
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



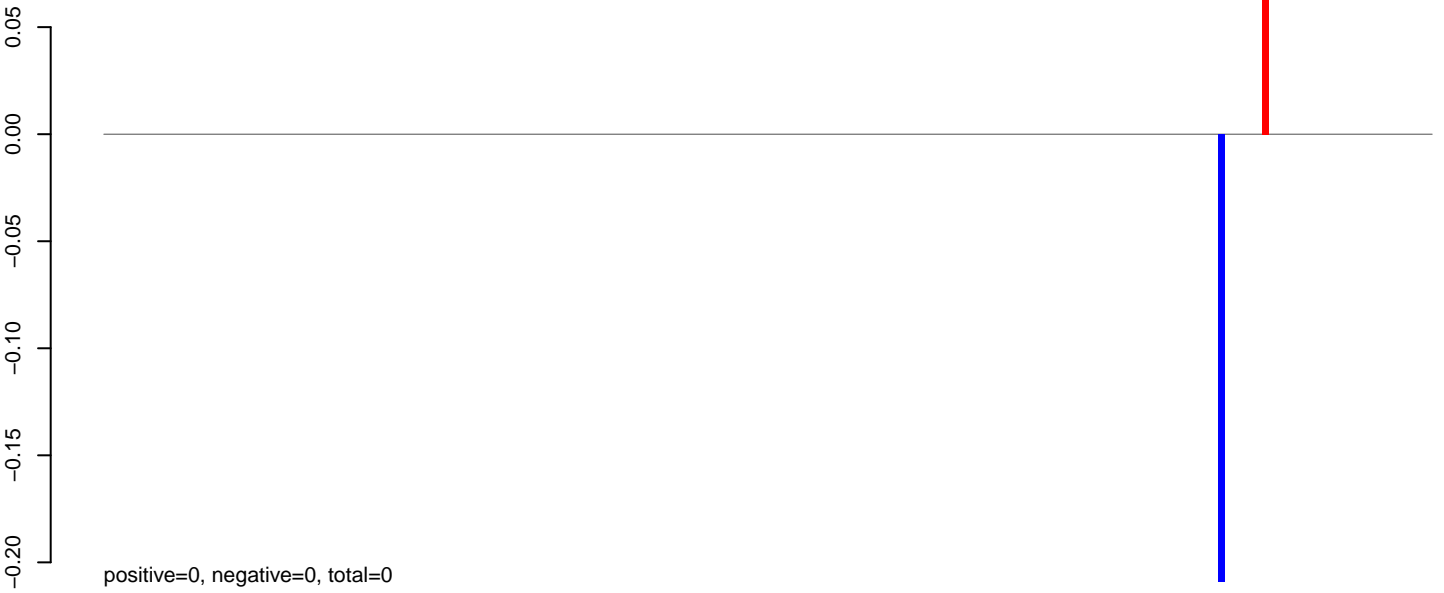
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



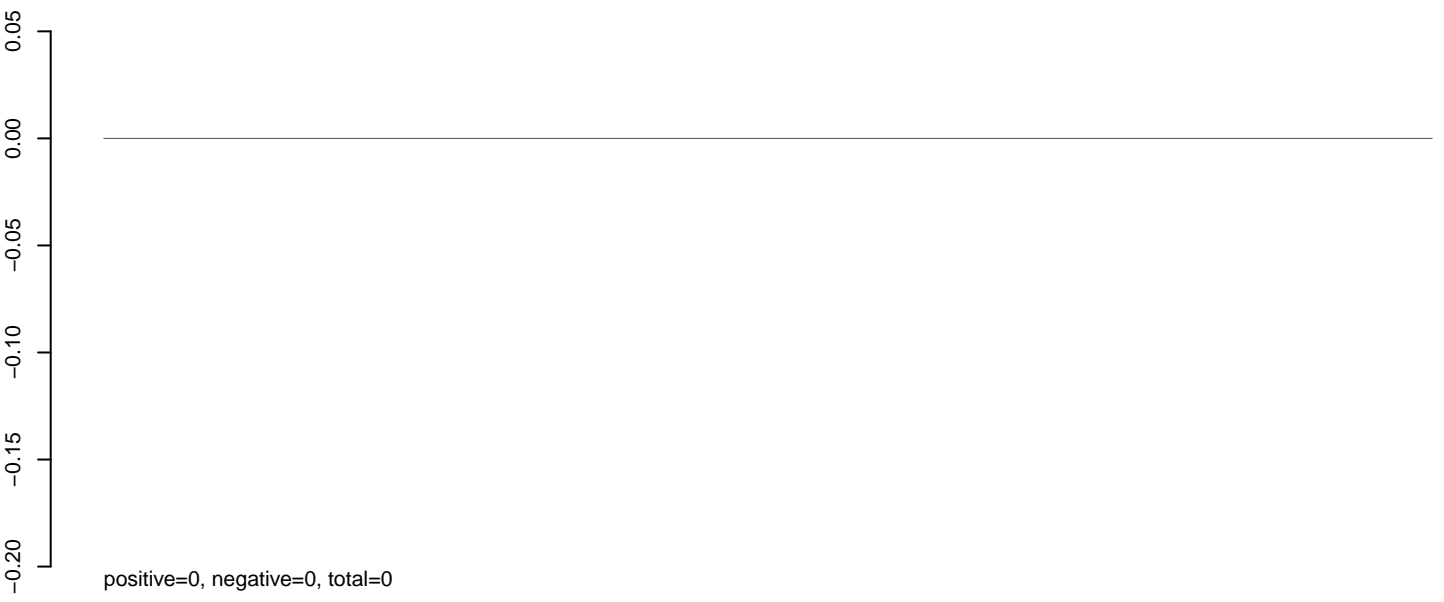
0 2000 4000 6000 8000 10000



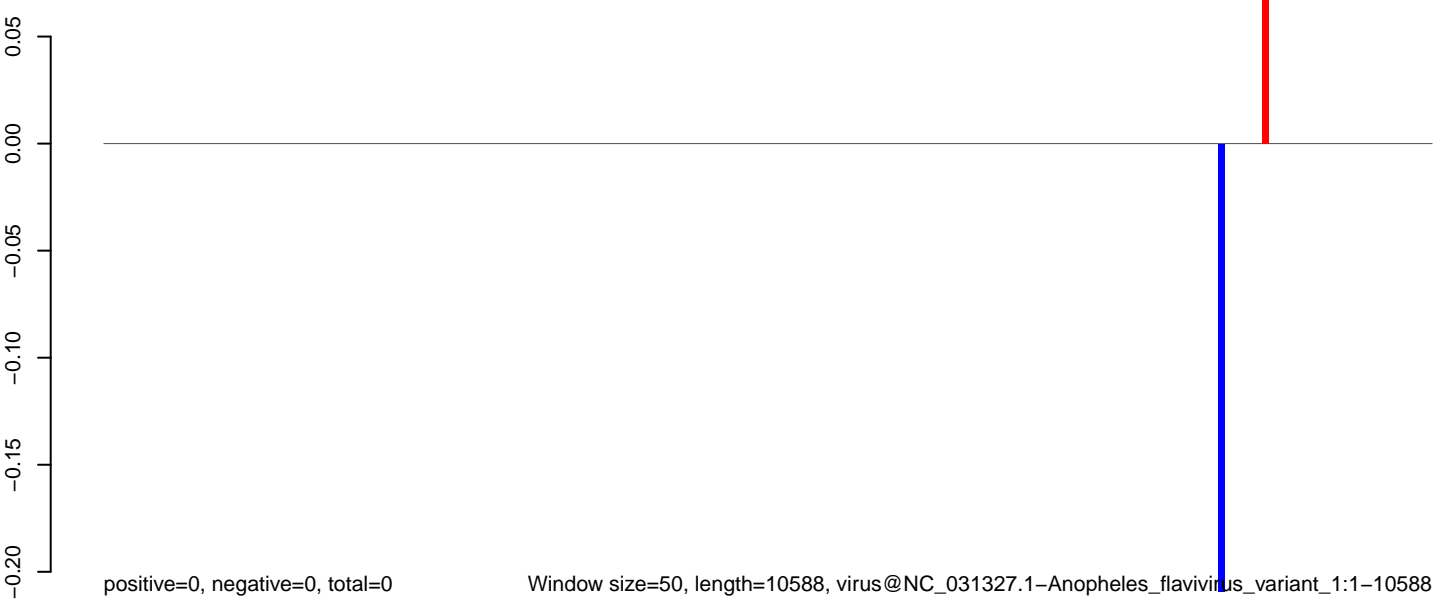
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

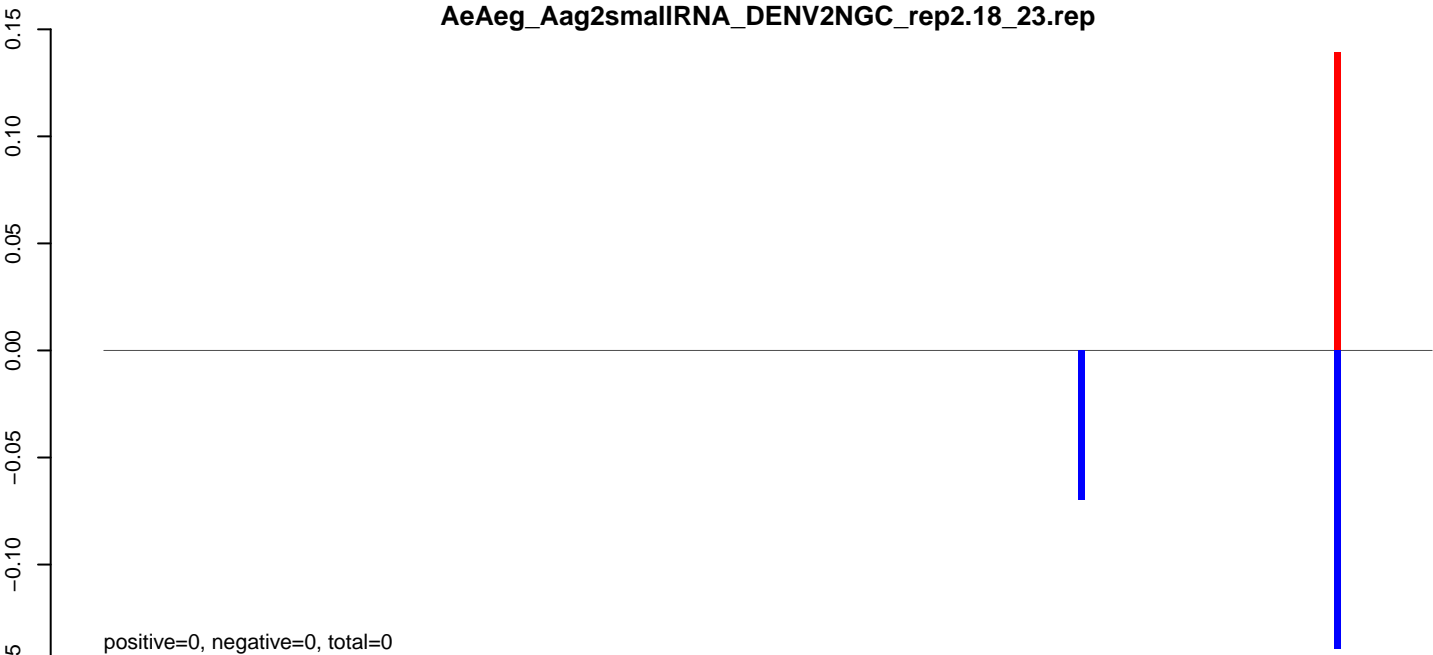


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

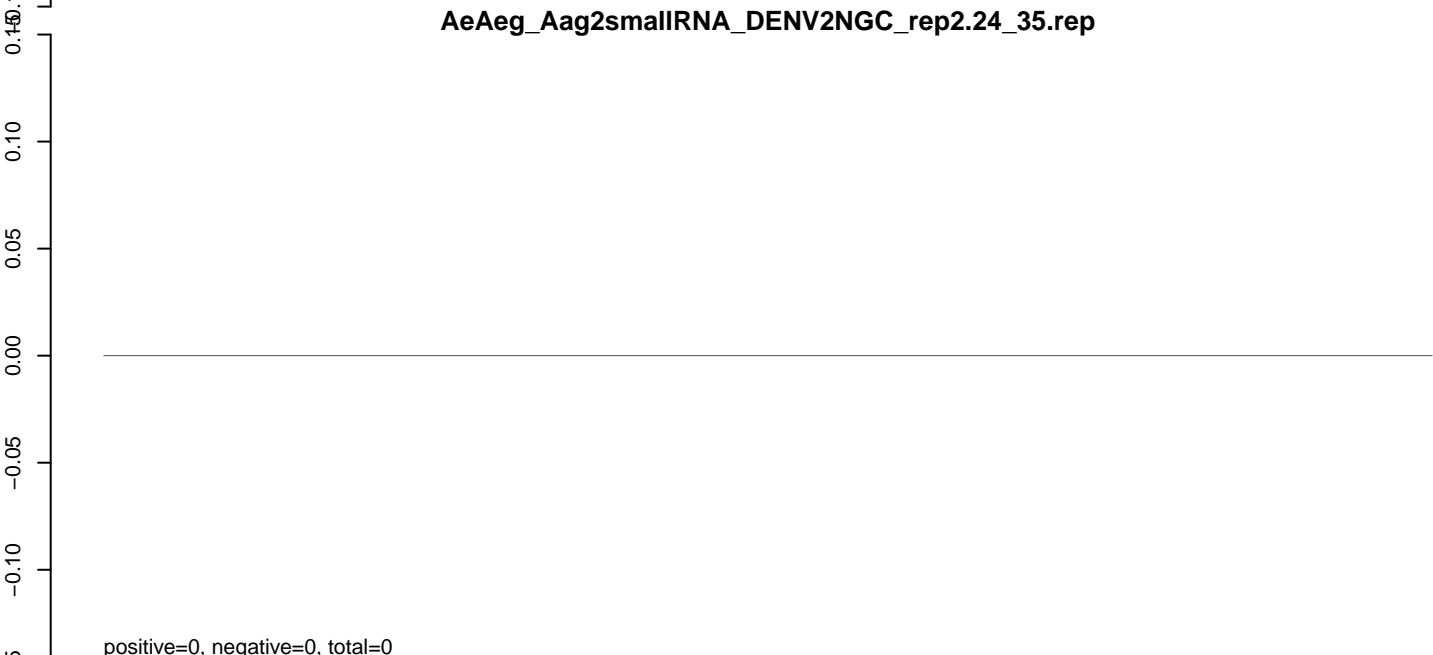


0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



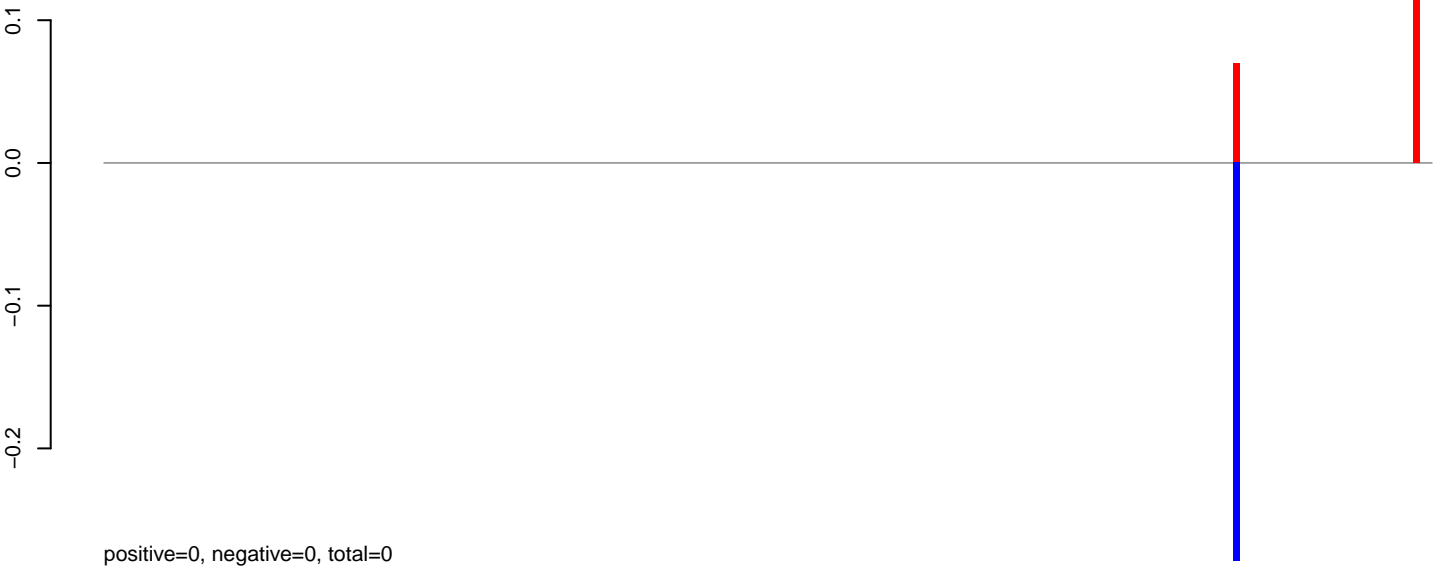
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



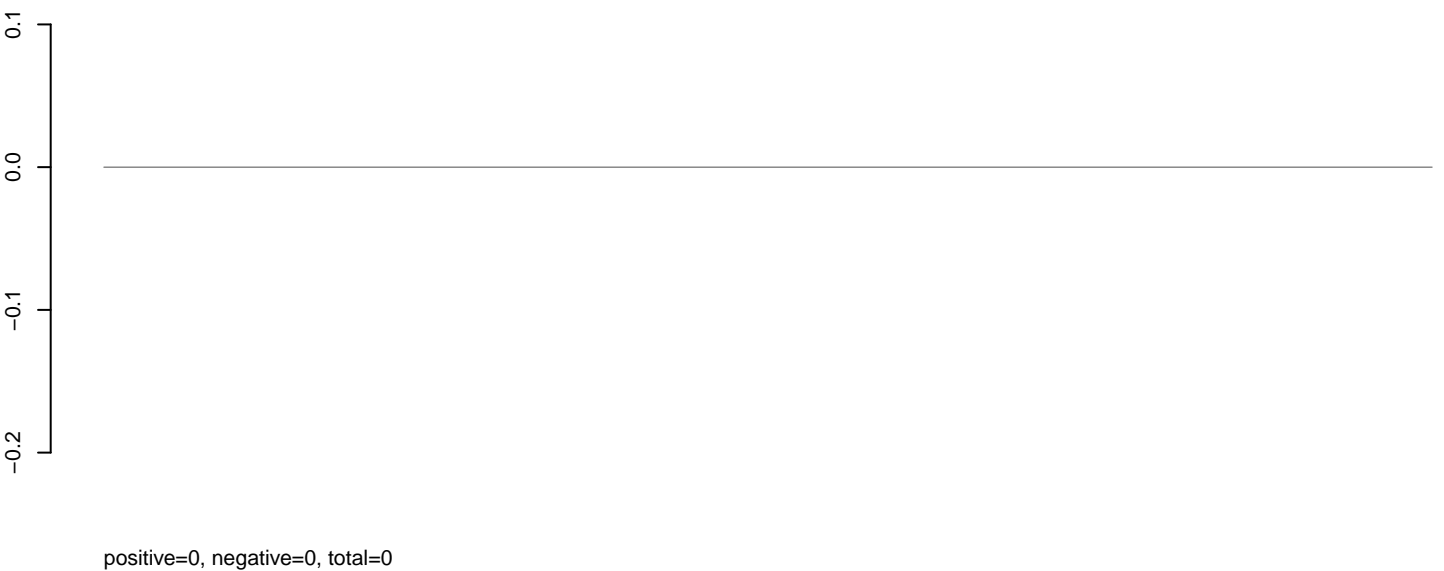
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



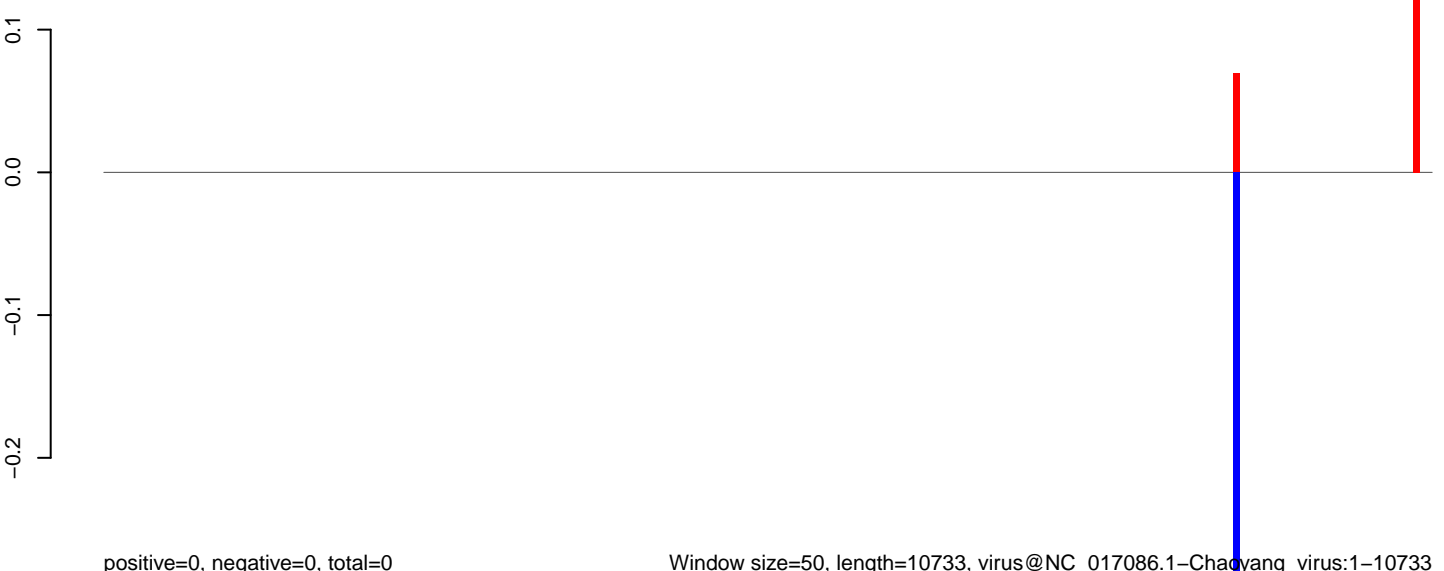
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



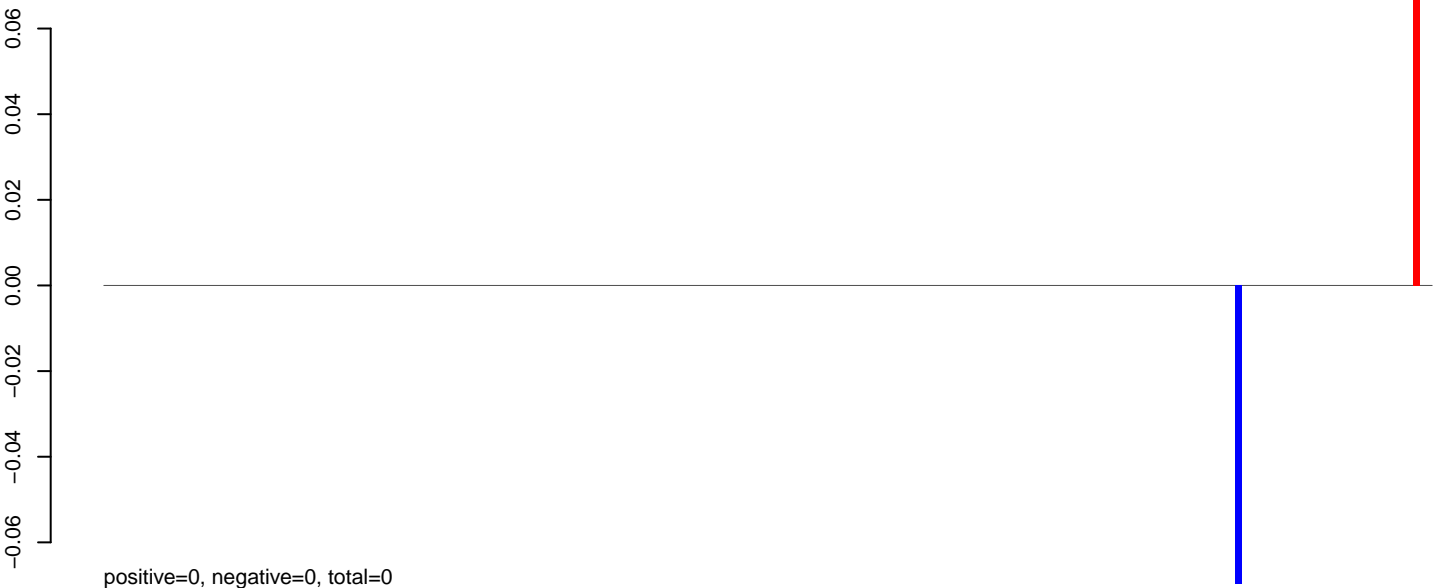
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



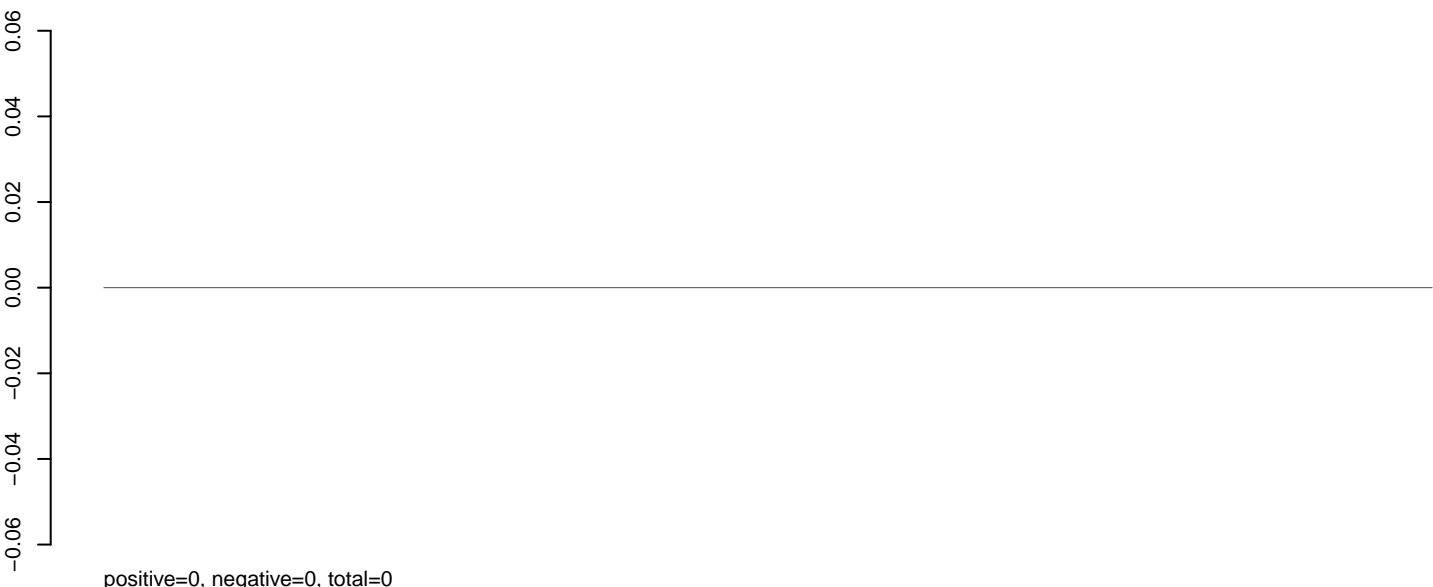
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0 2000 4000 6000 8000 10000

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



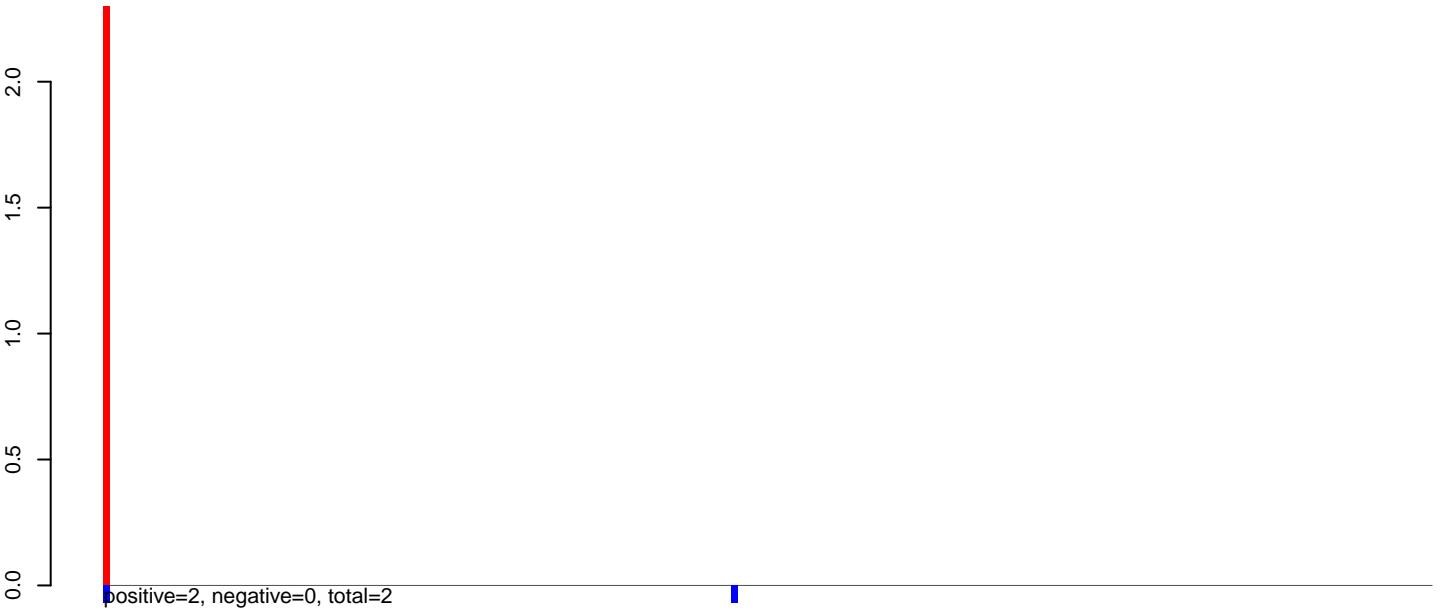
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



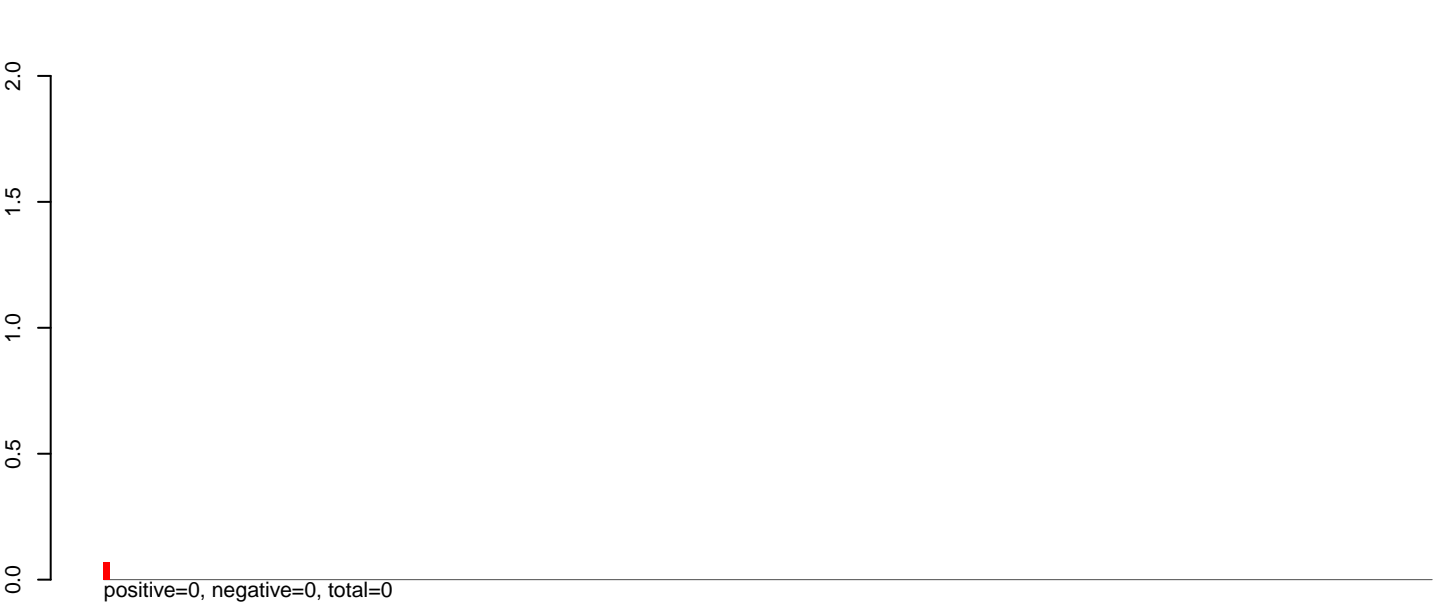
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0 2000 4000 6000 8000 10000

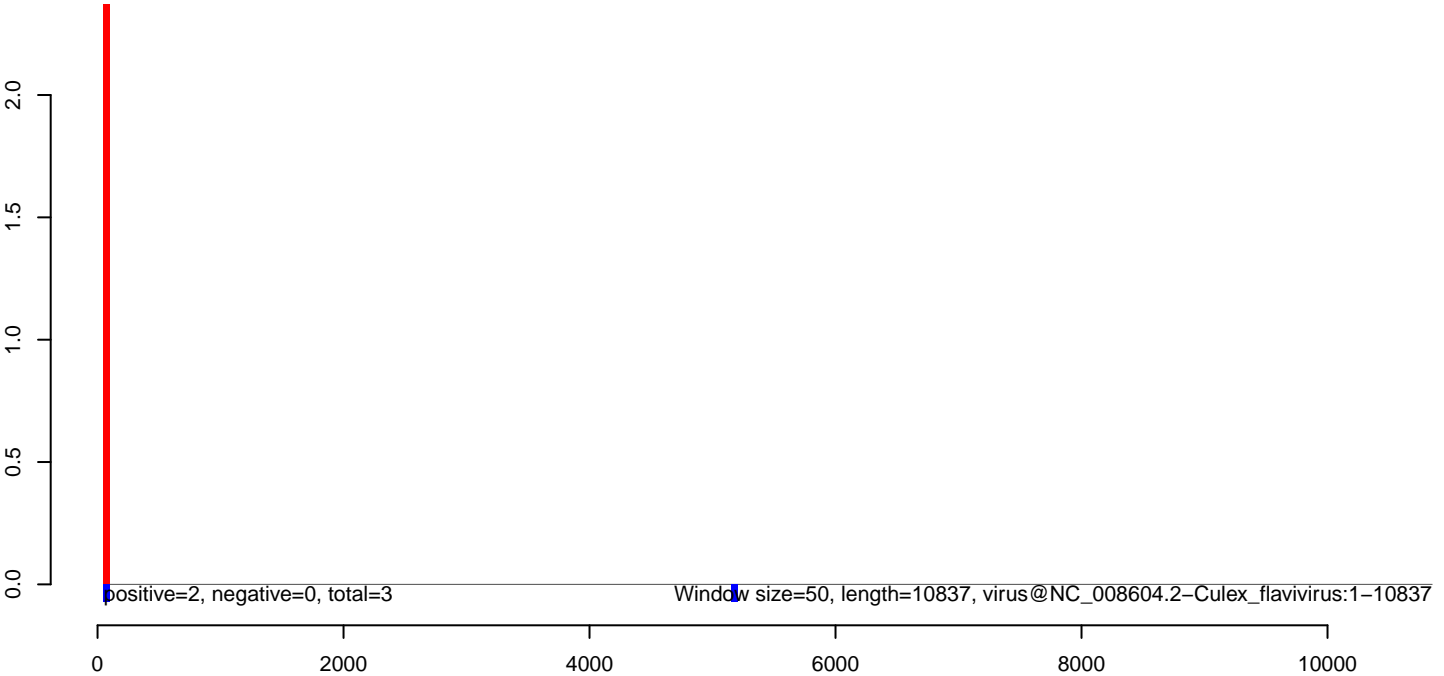
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



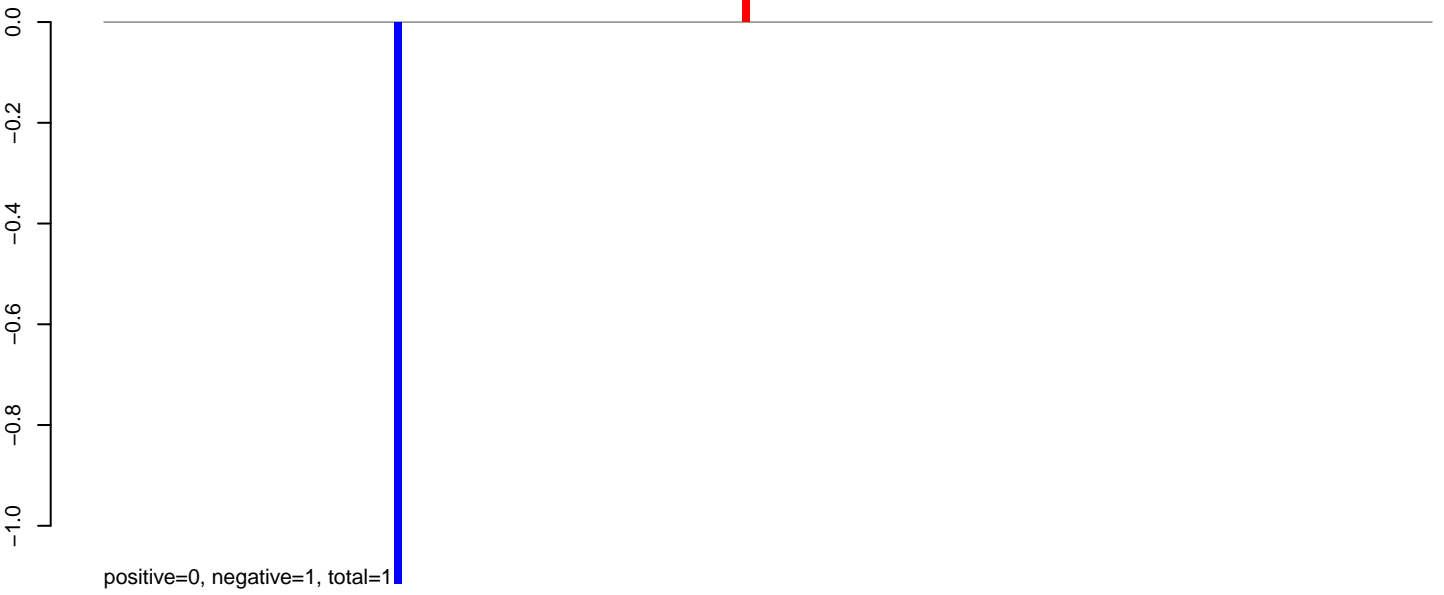
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



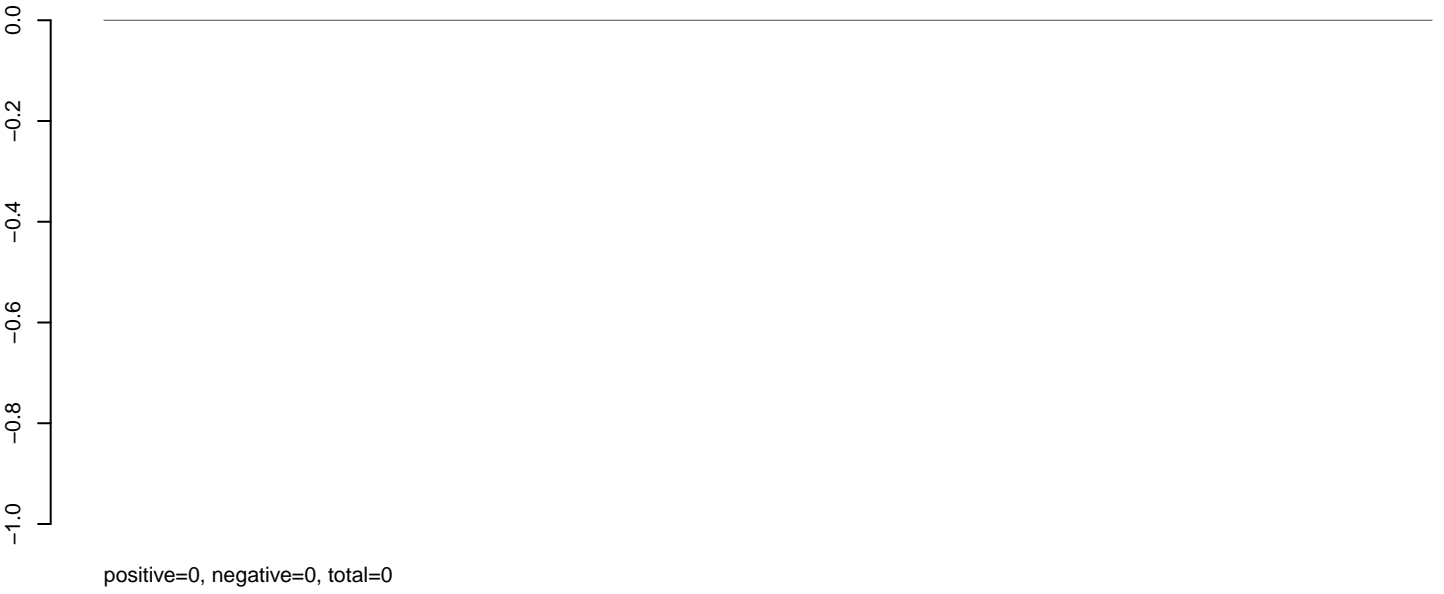
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



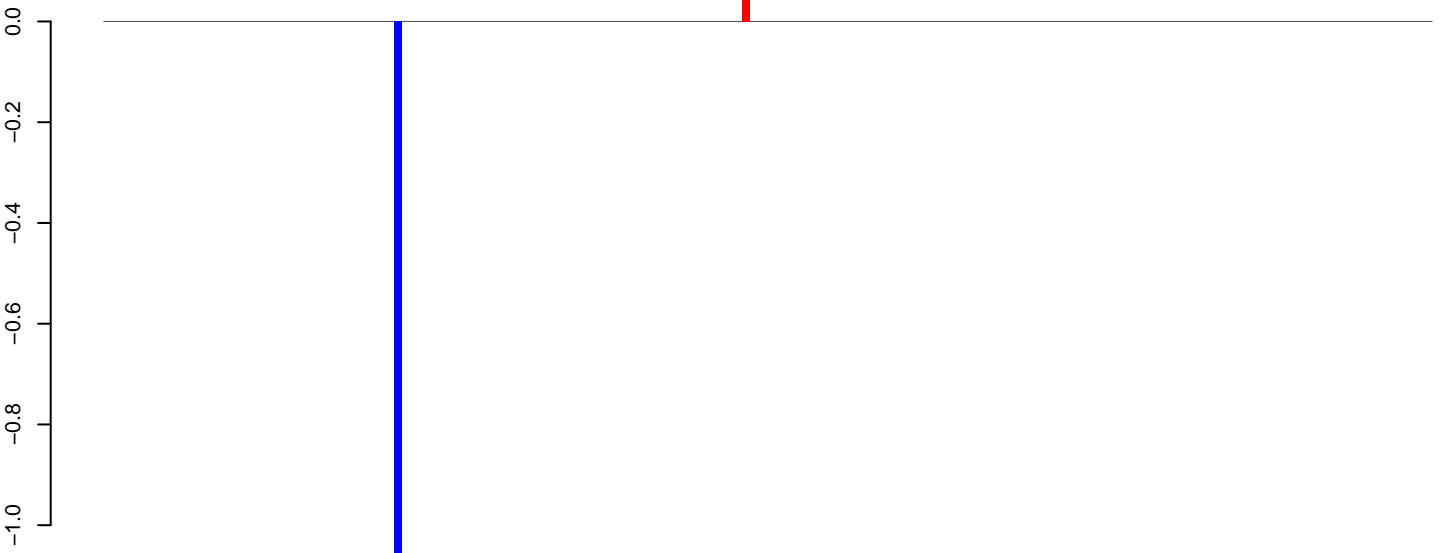
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



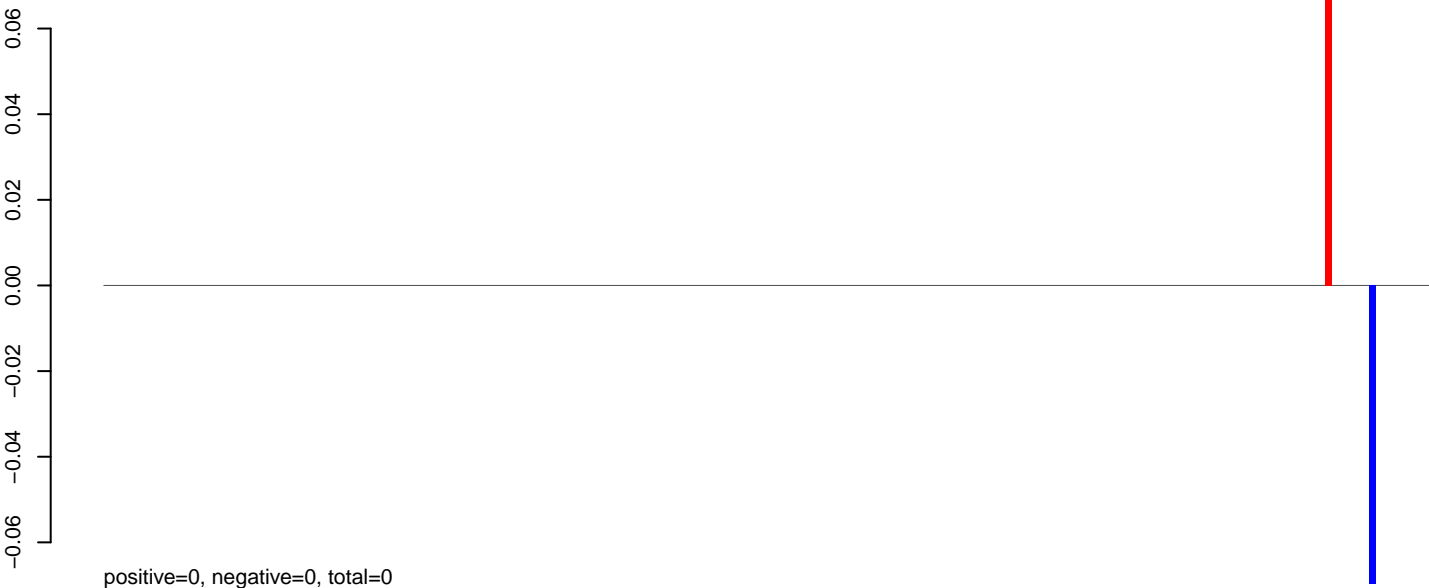
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



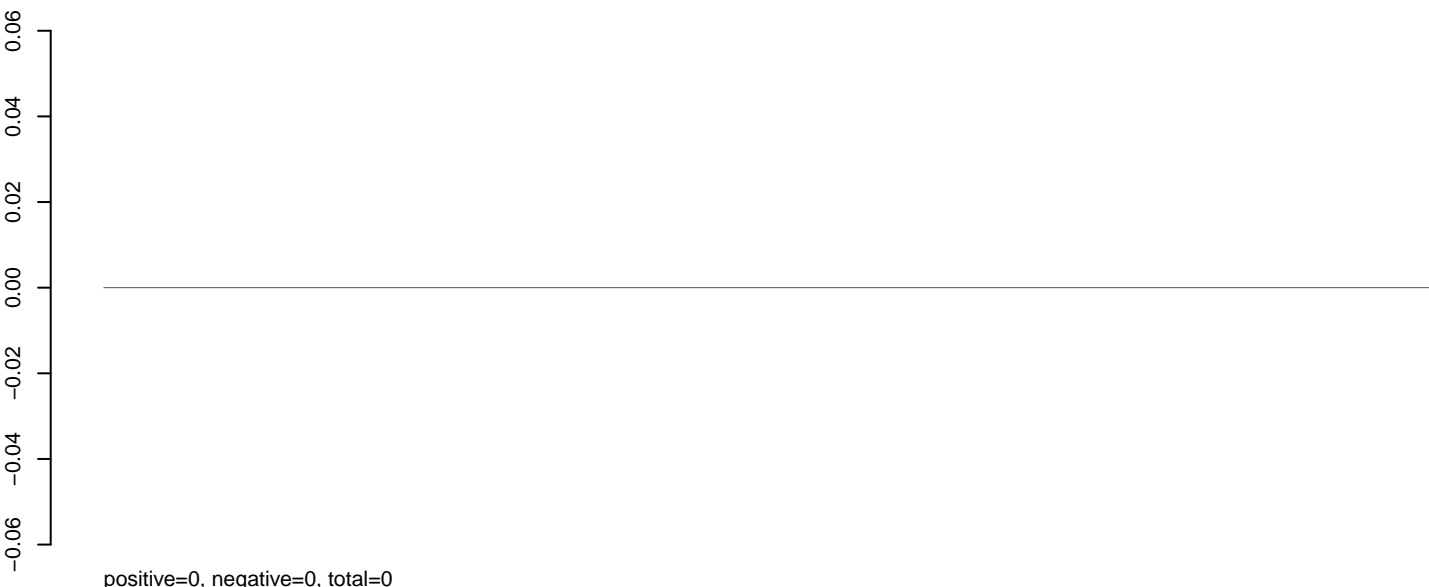
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



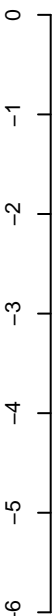
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



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

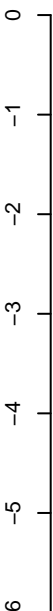
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



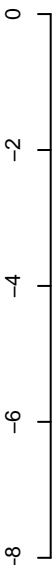
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

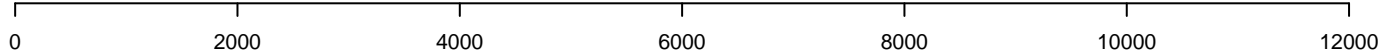


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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

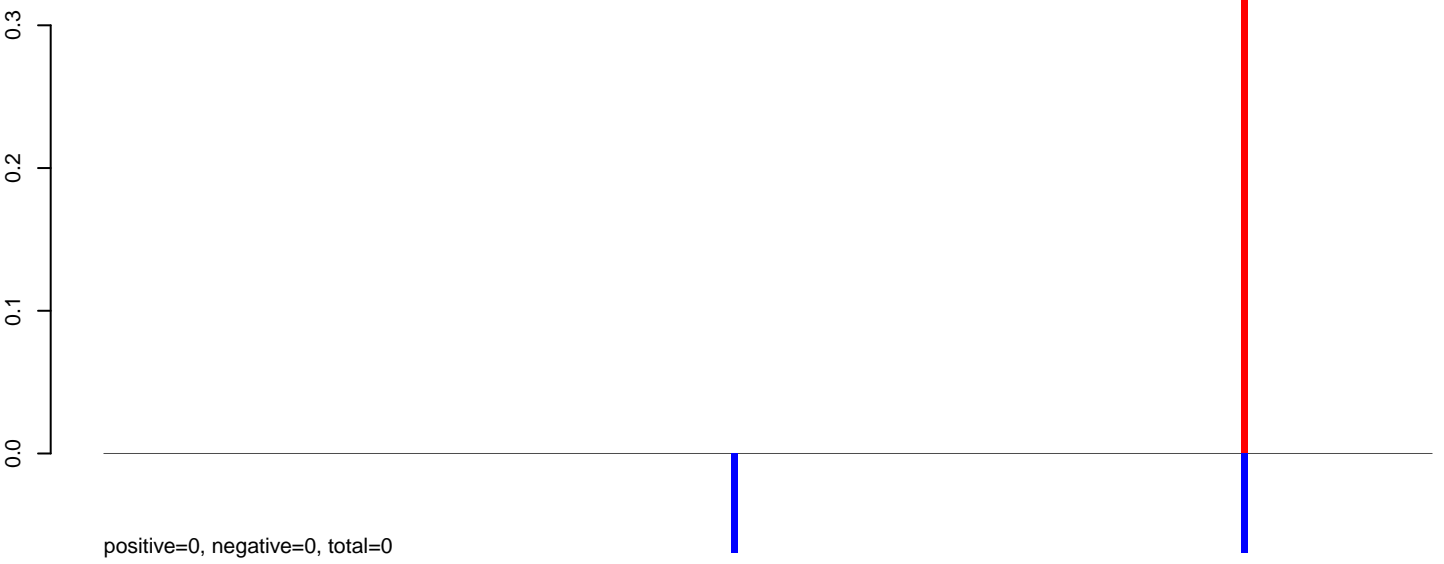


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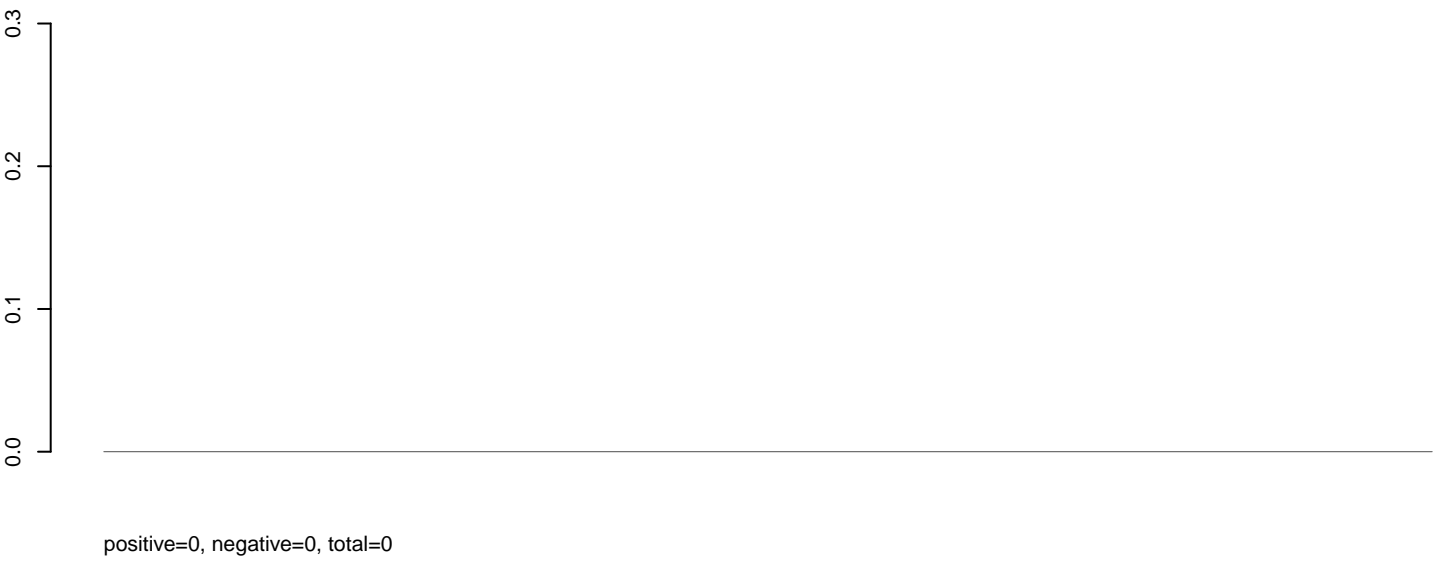




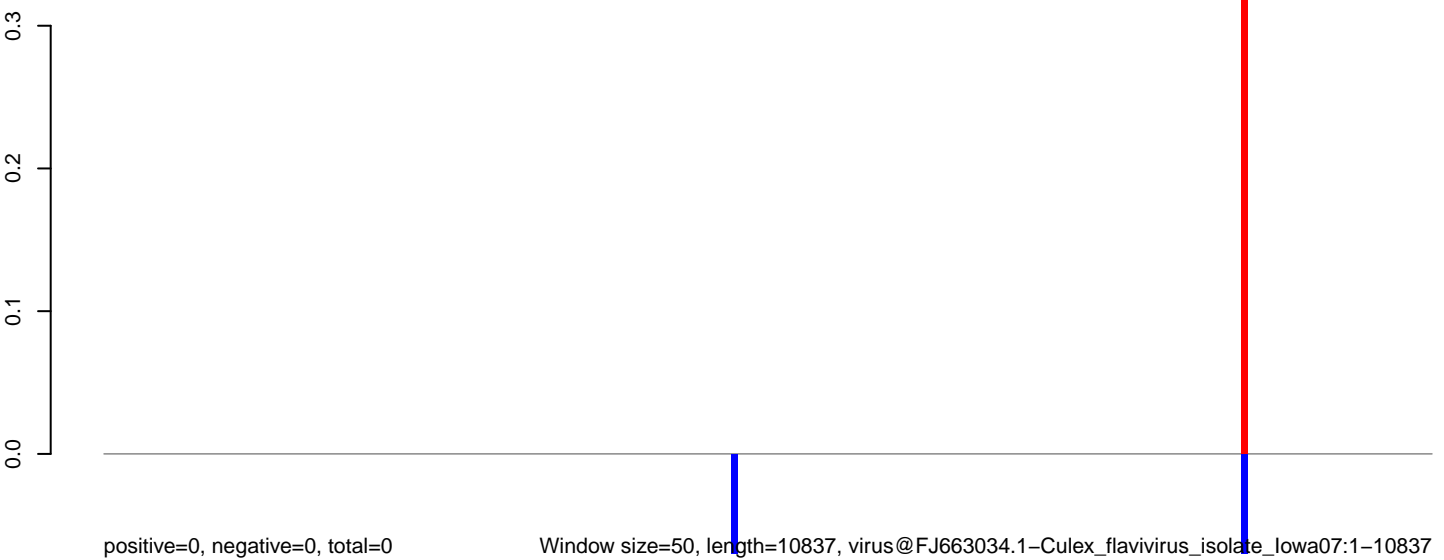
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

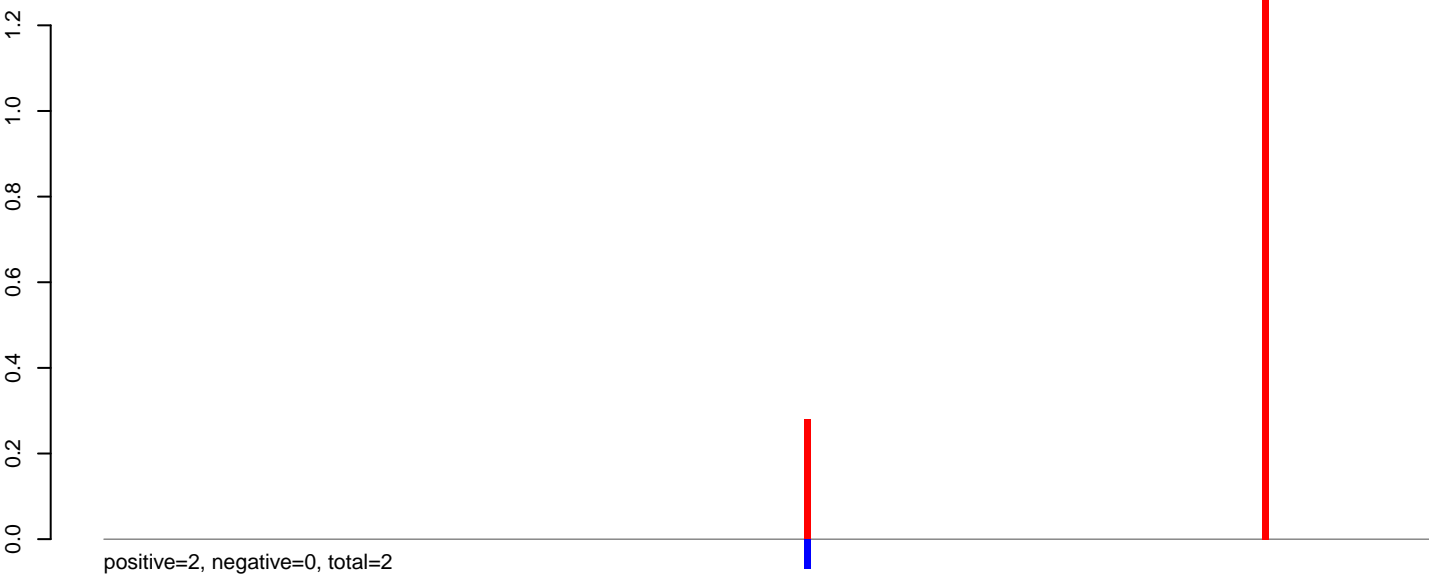


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

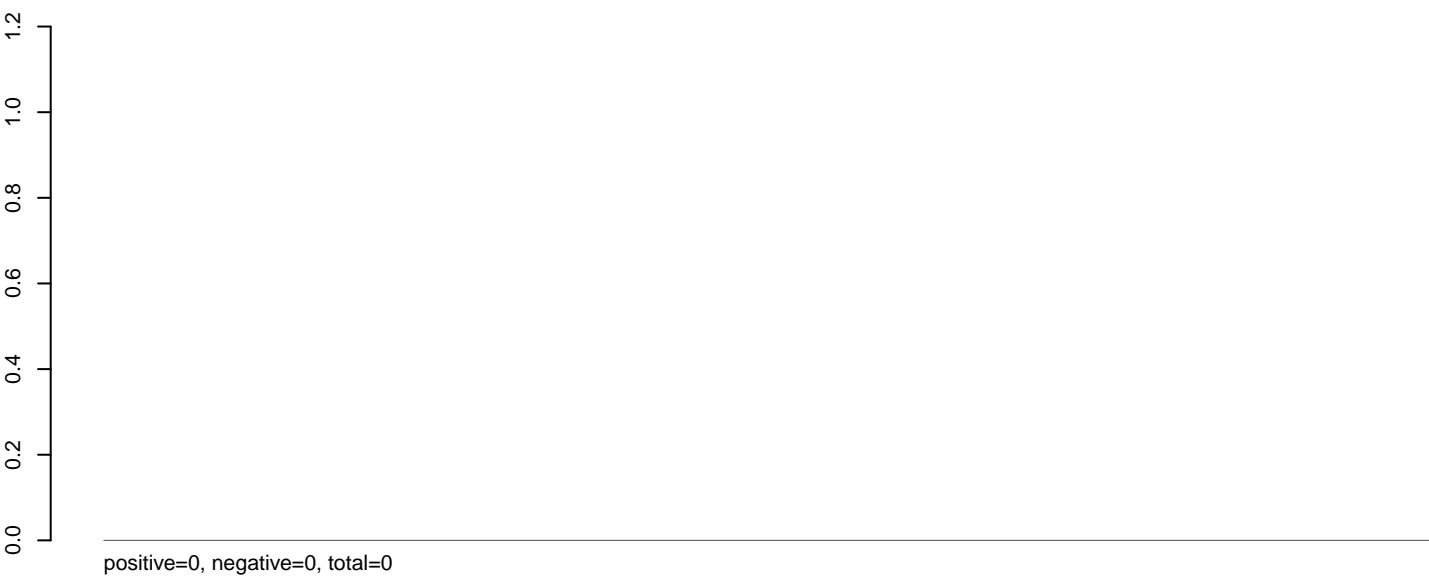


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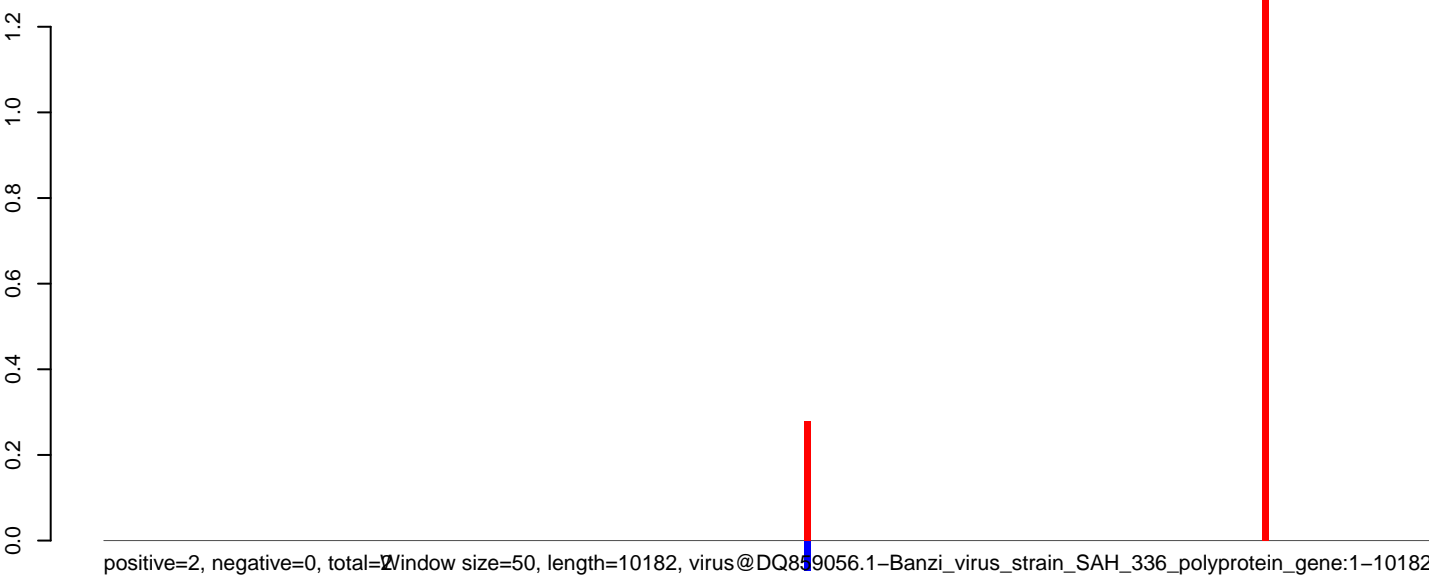
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

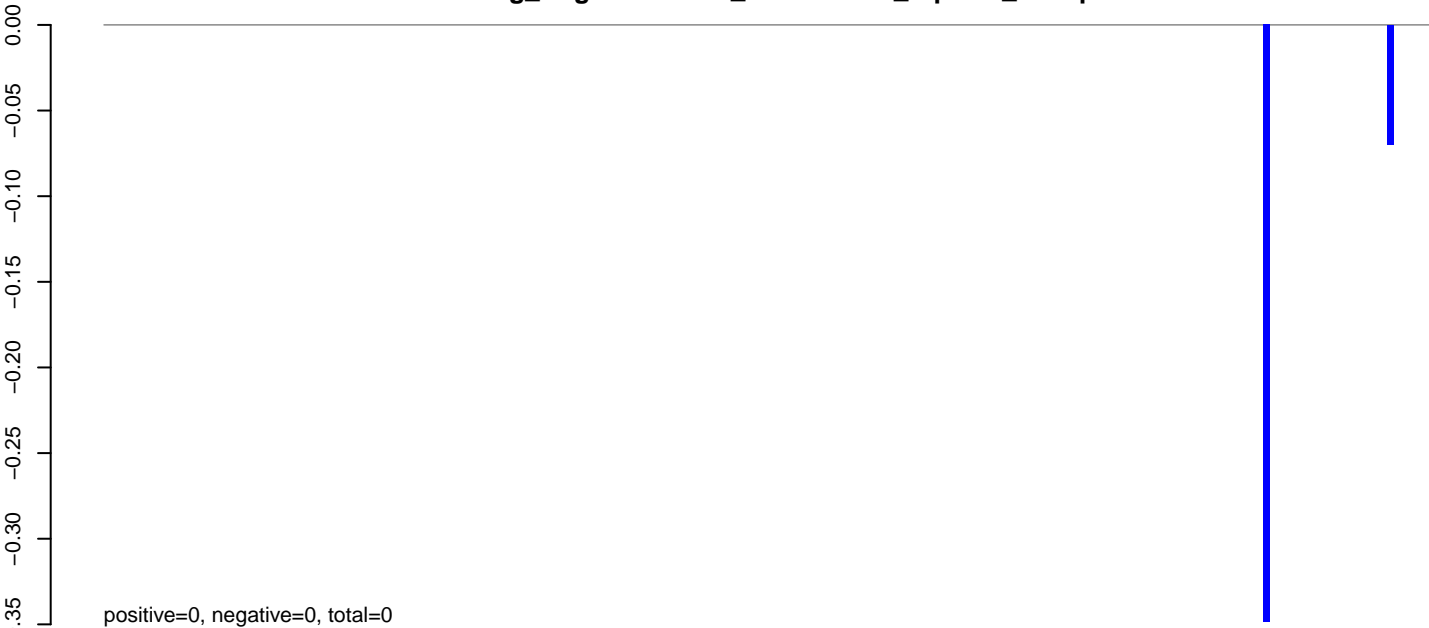


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

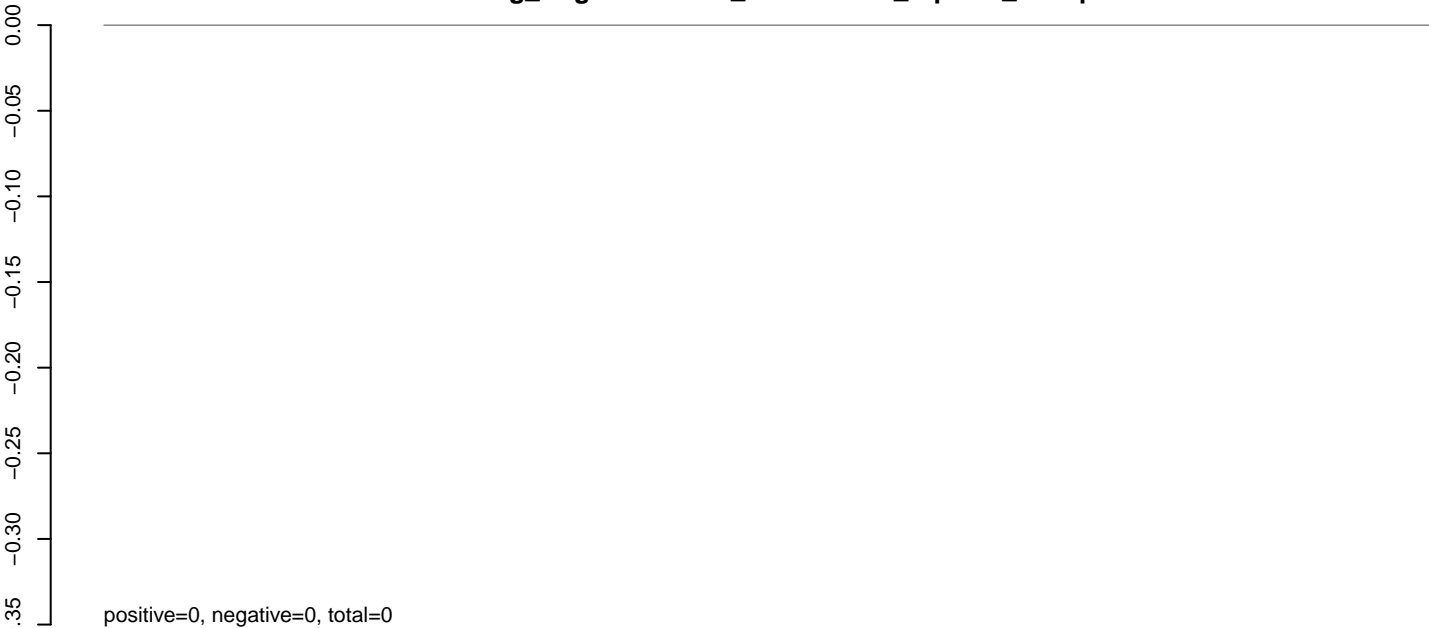


0 2000 4000 6000 8000 10000

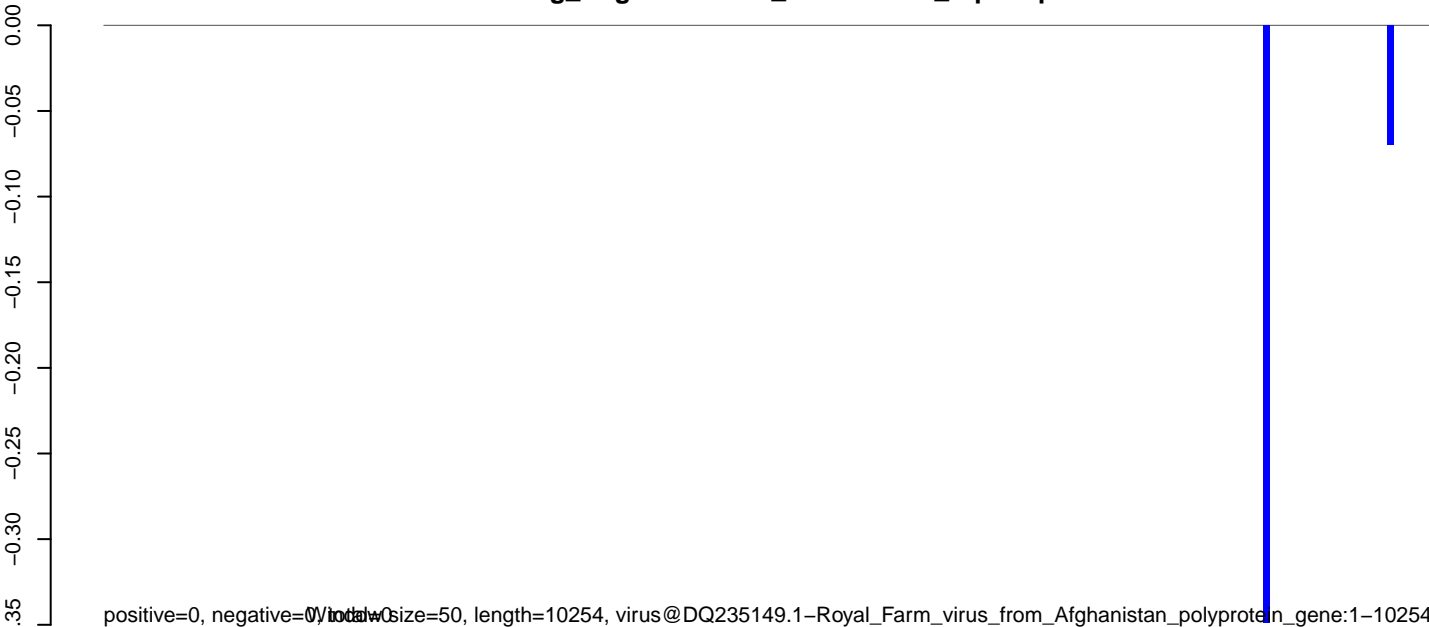
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



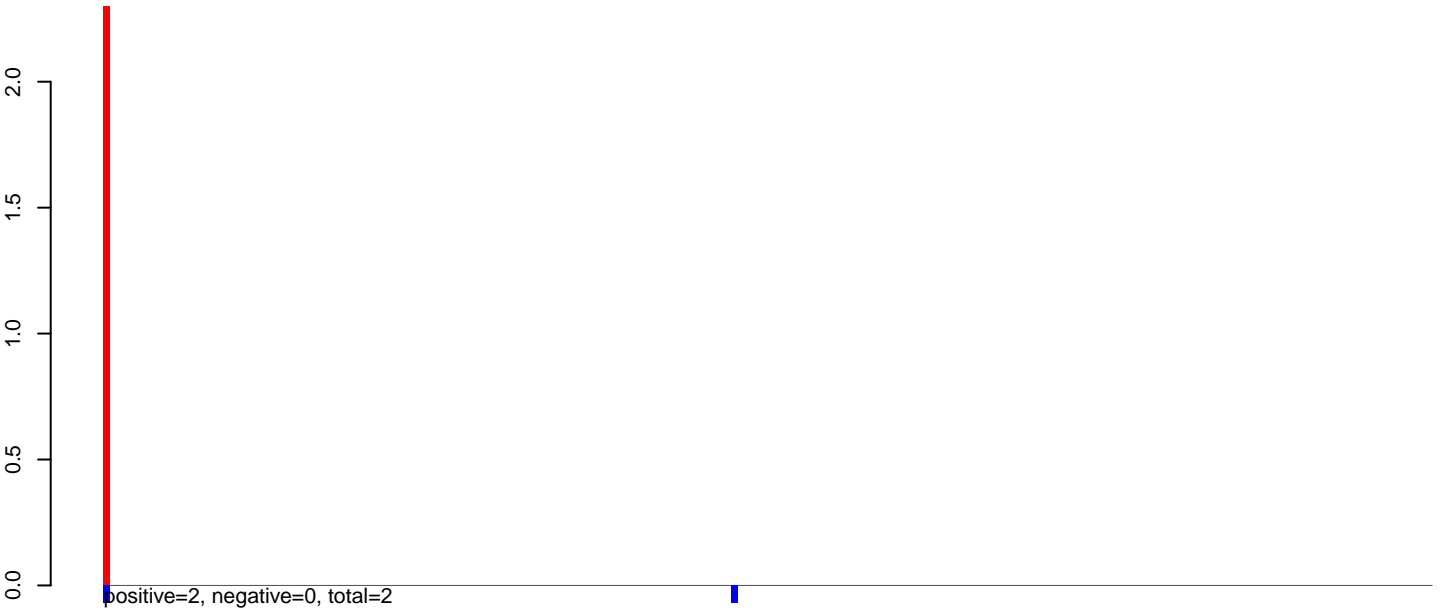
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



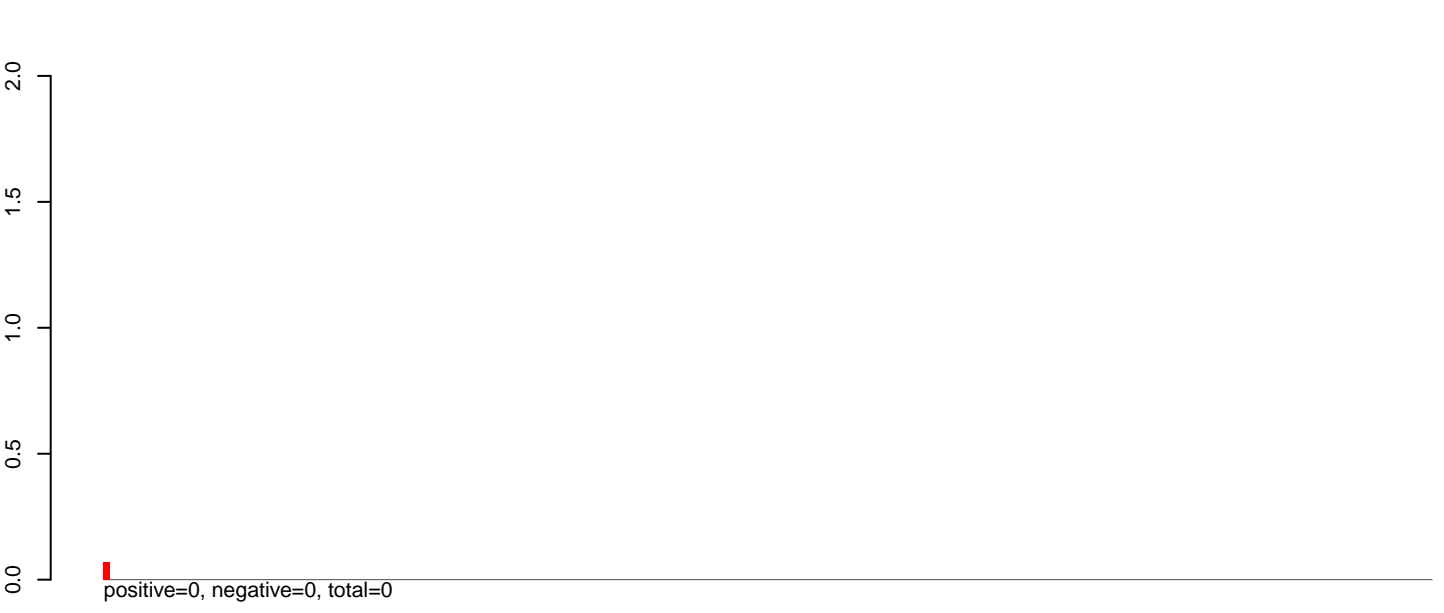
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



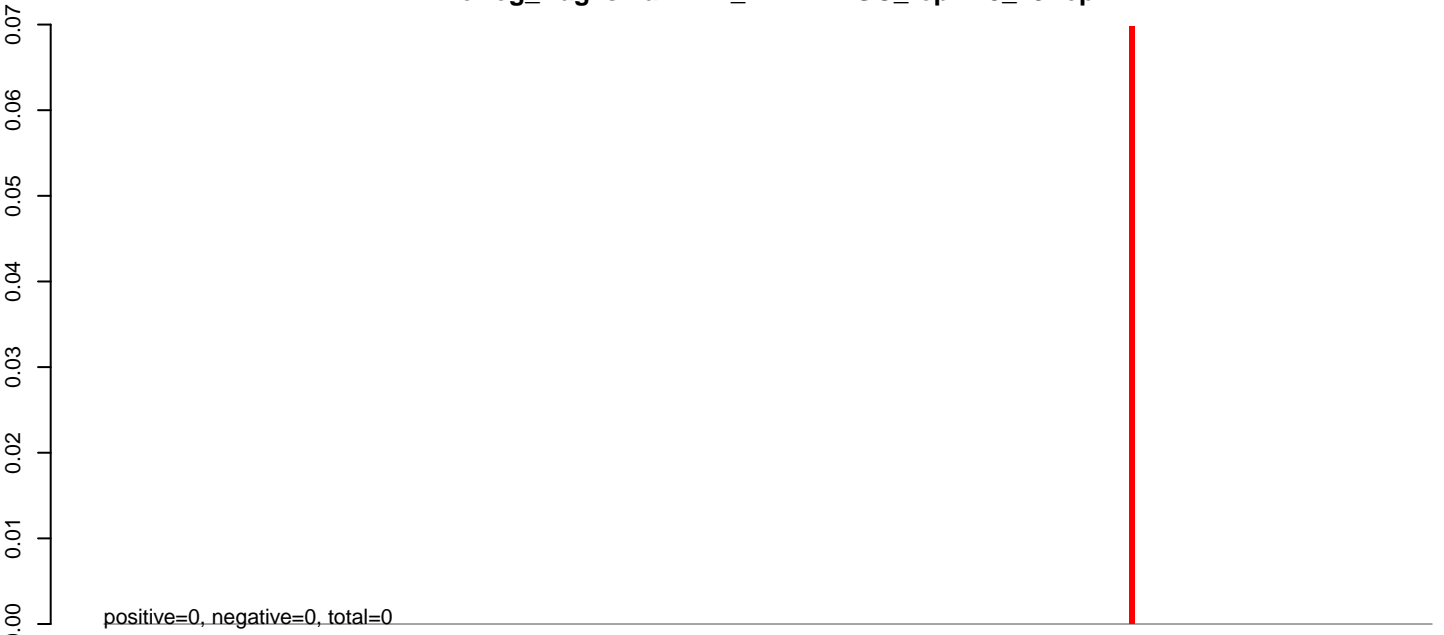
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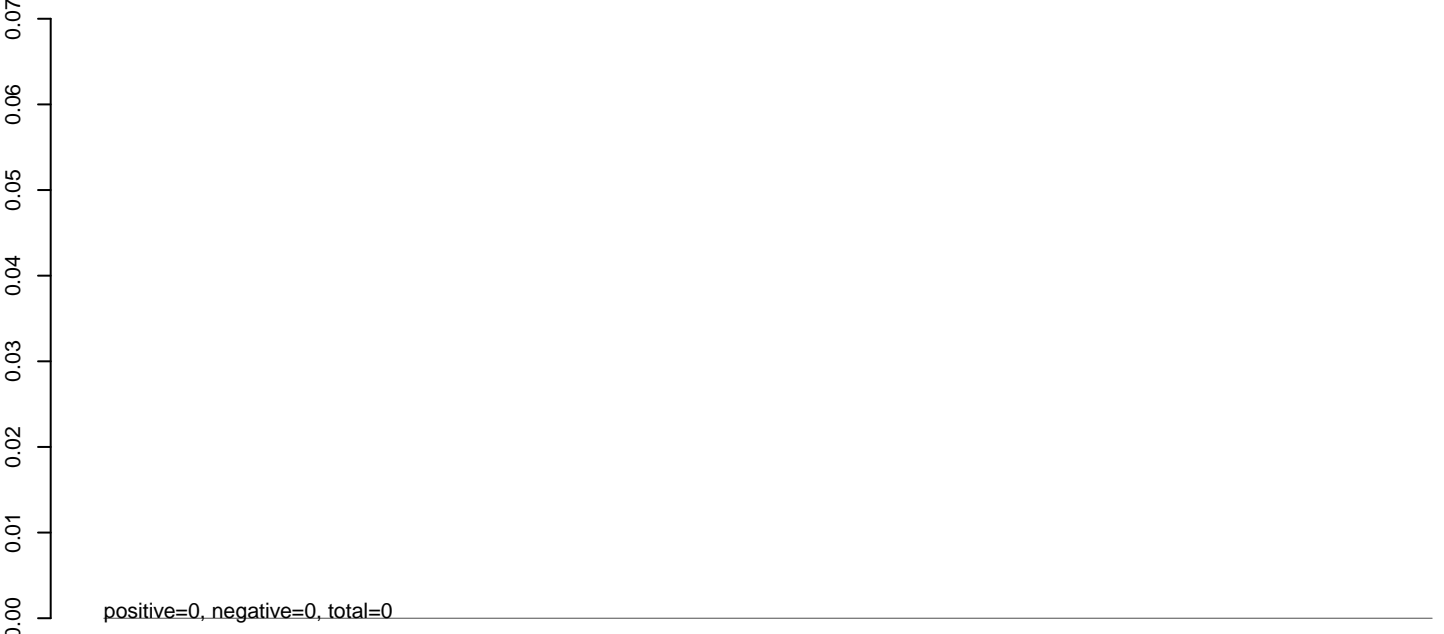
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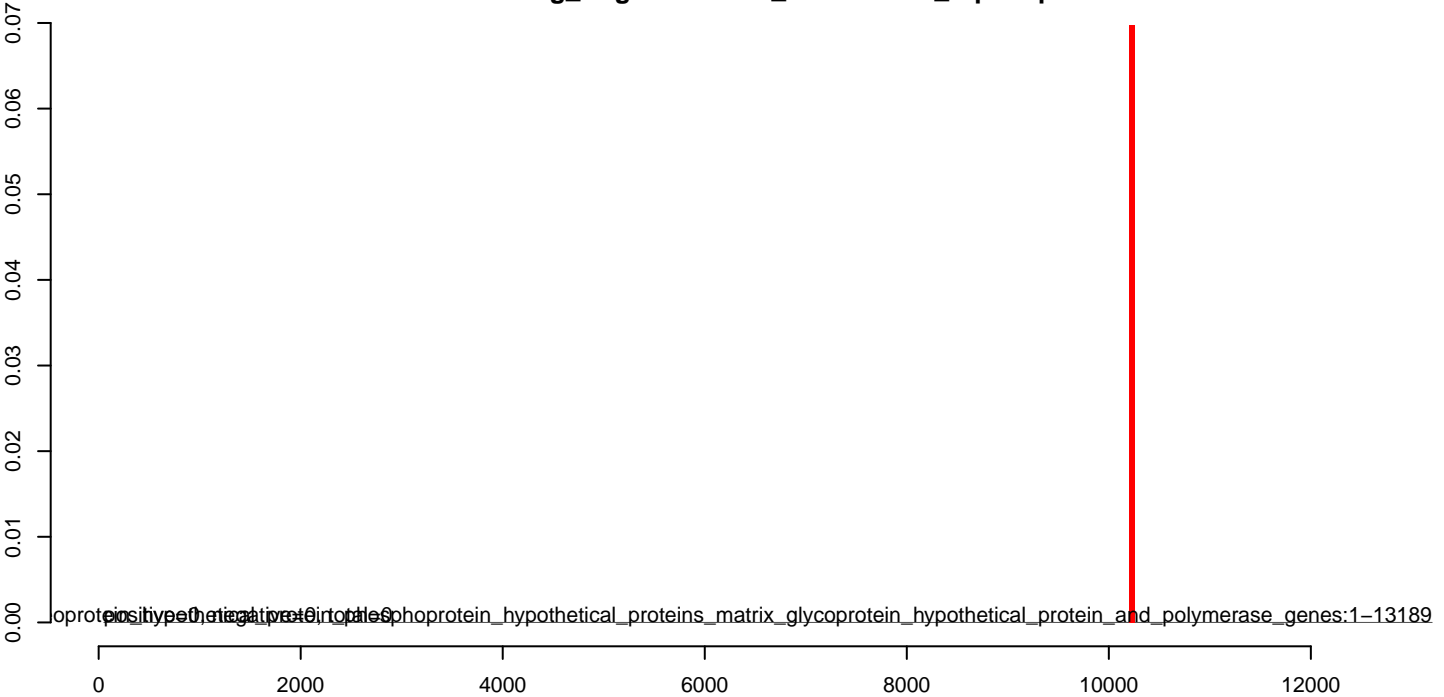
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



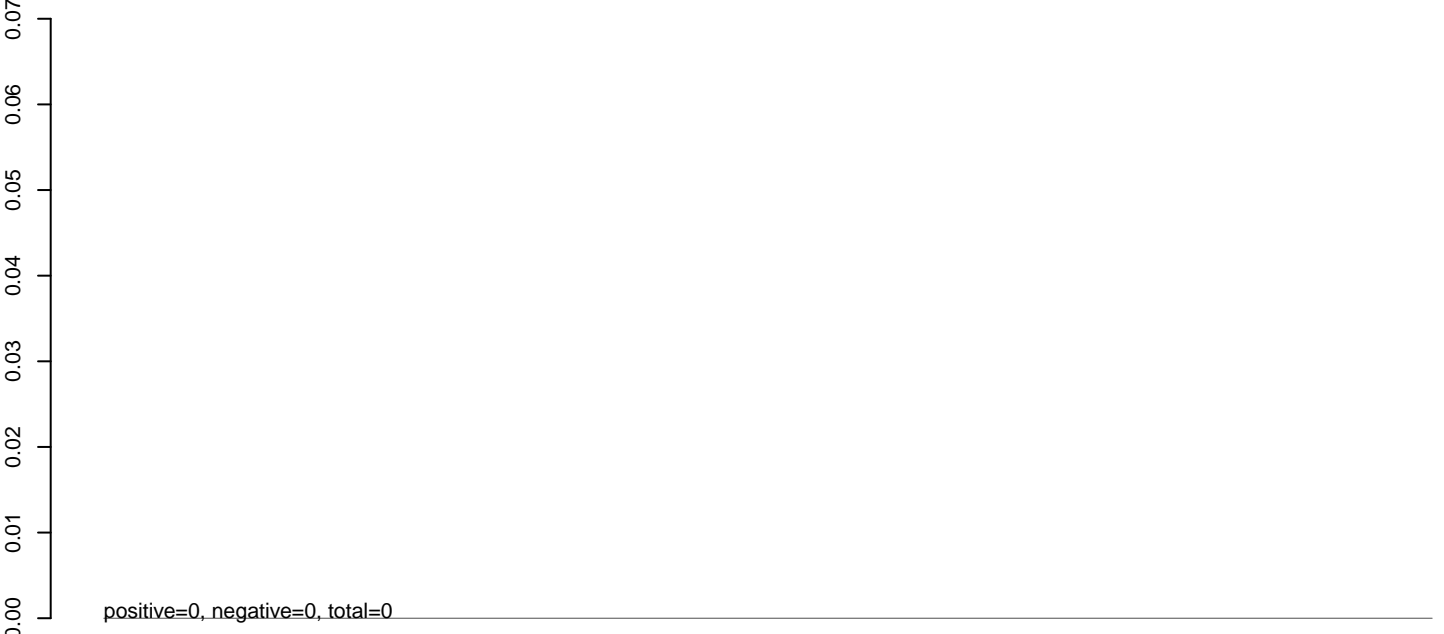
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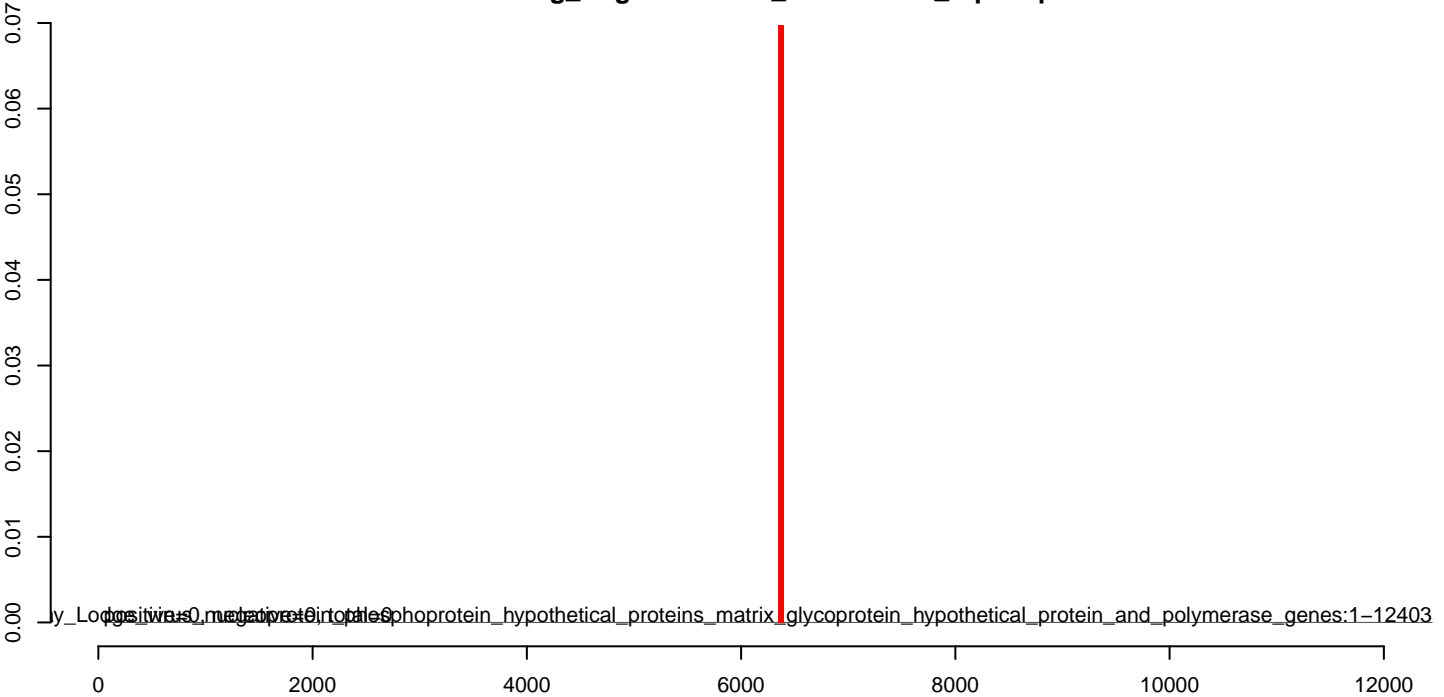
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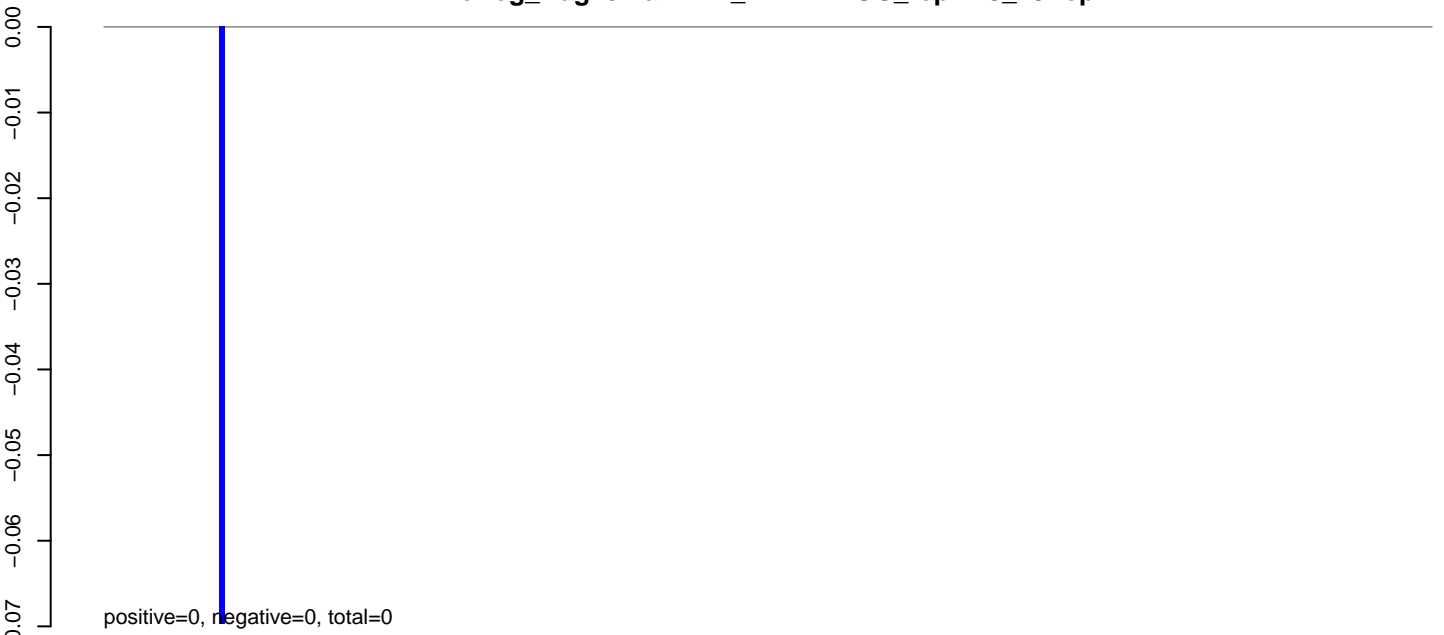
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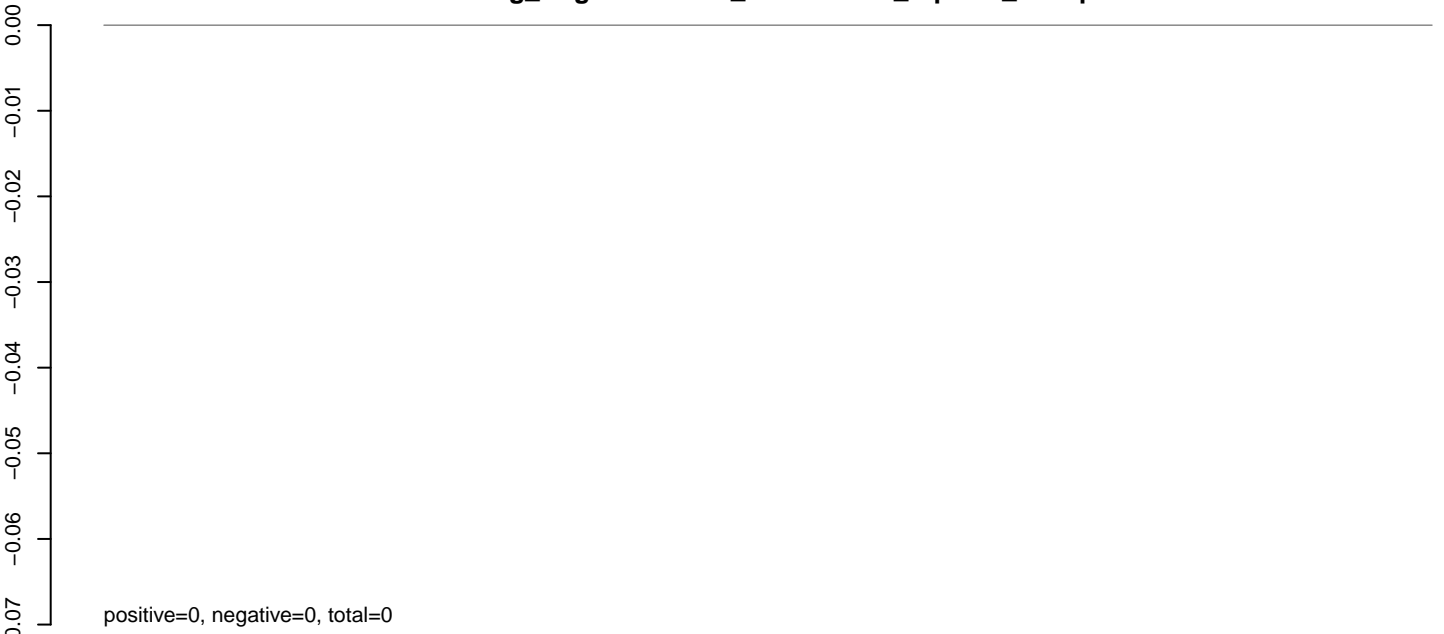
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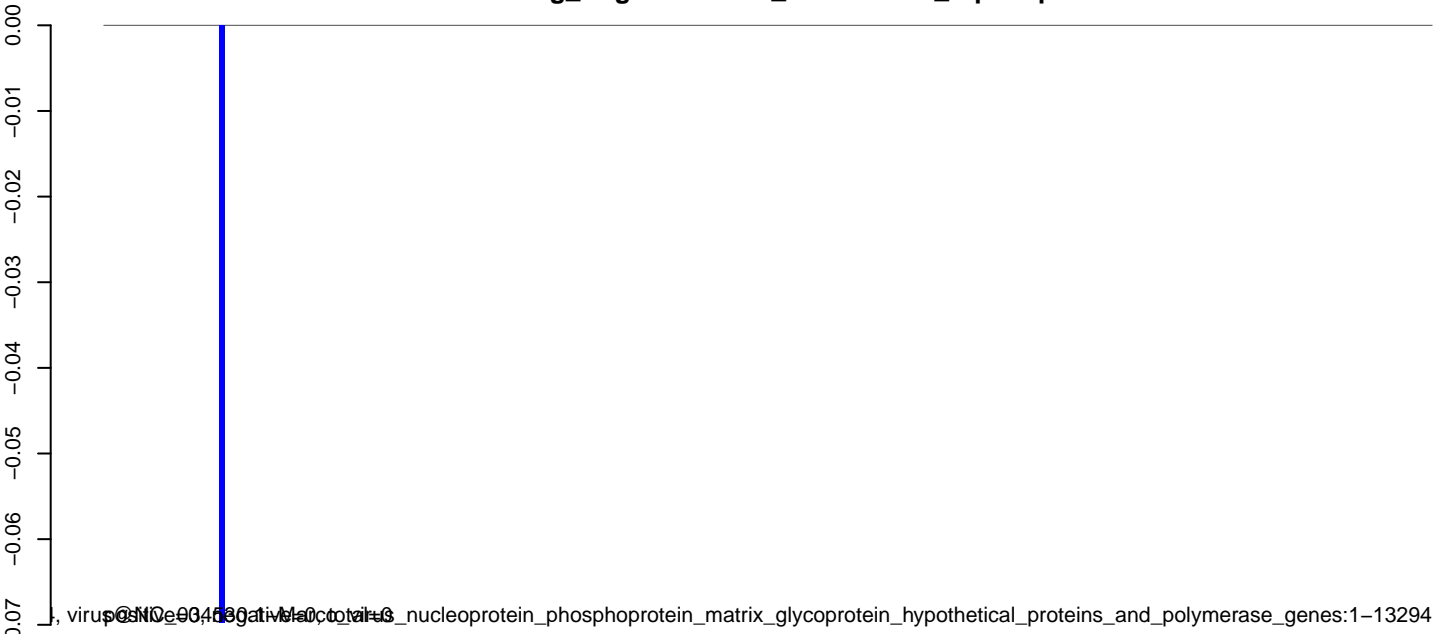
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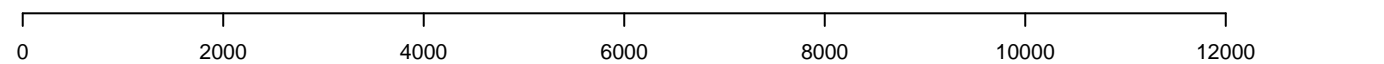
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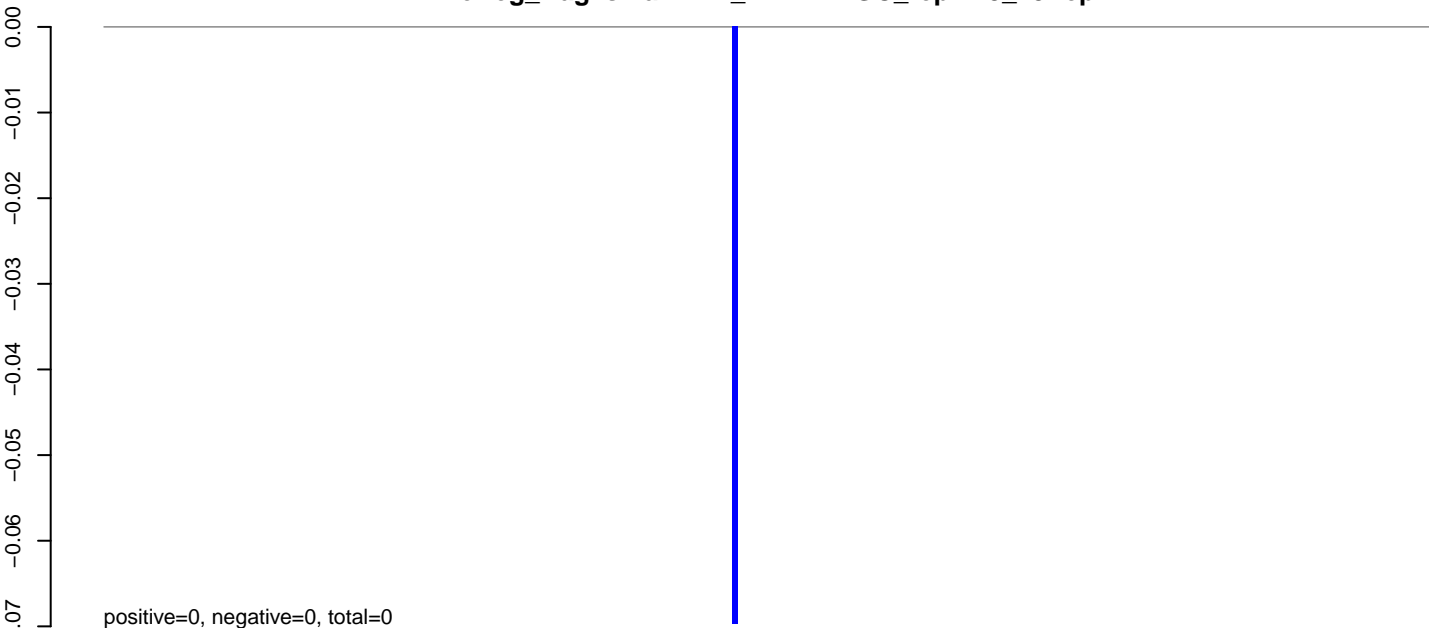
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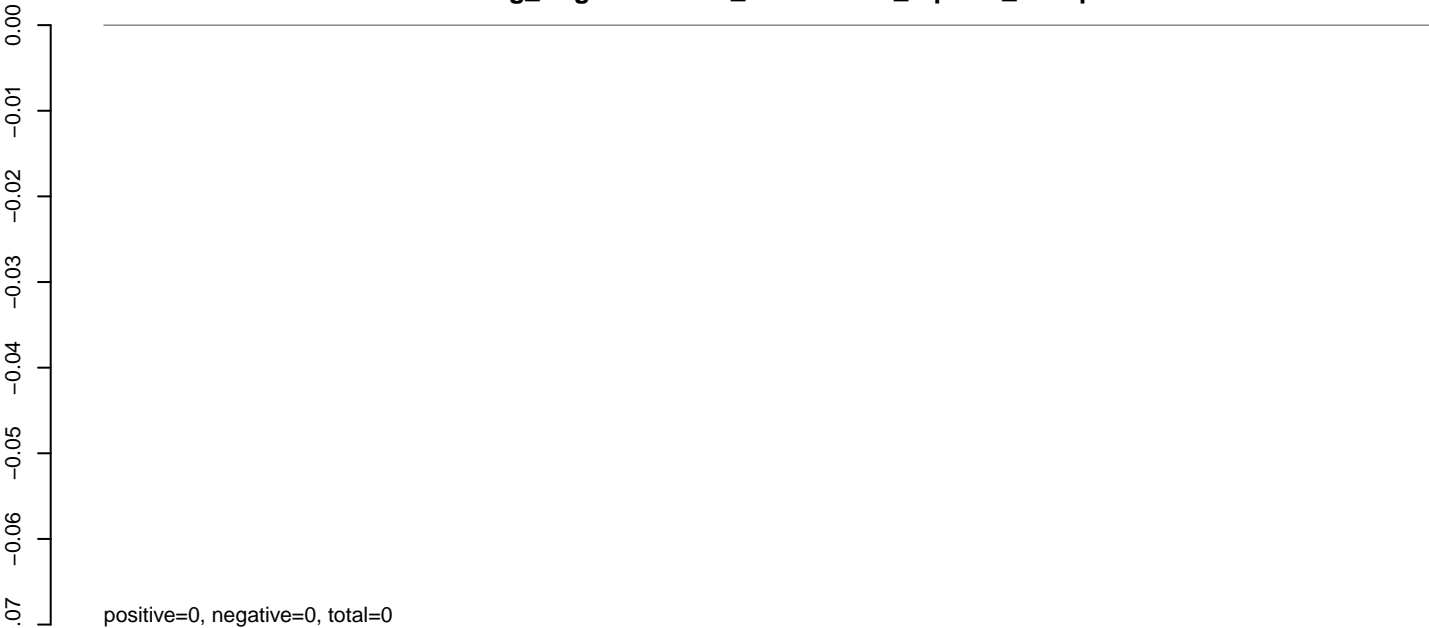
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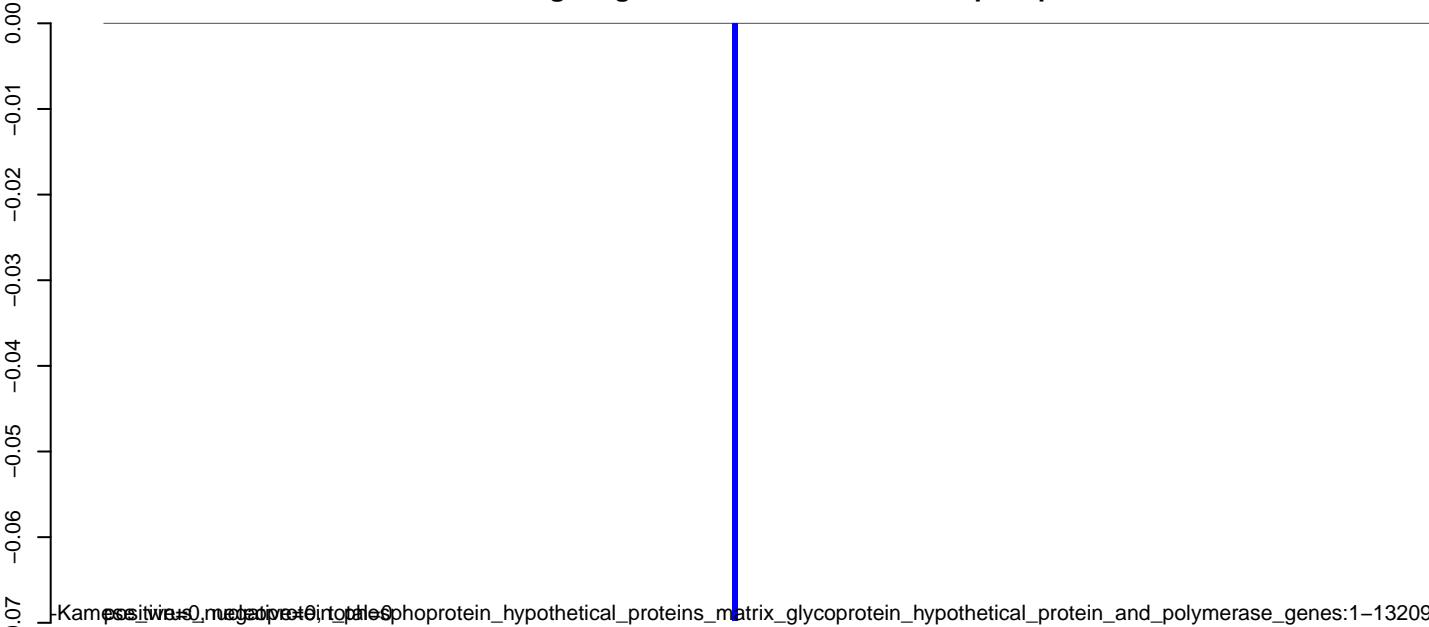
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



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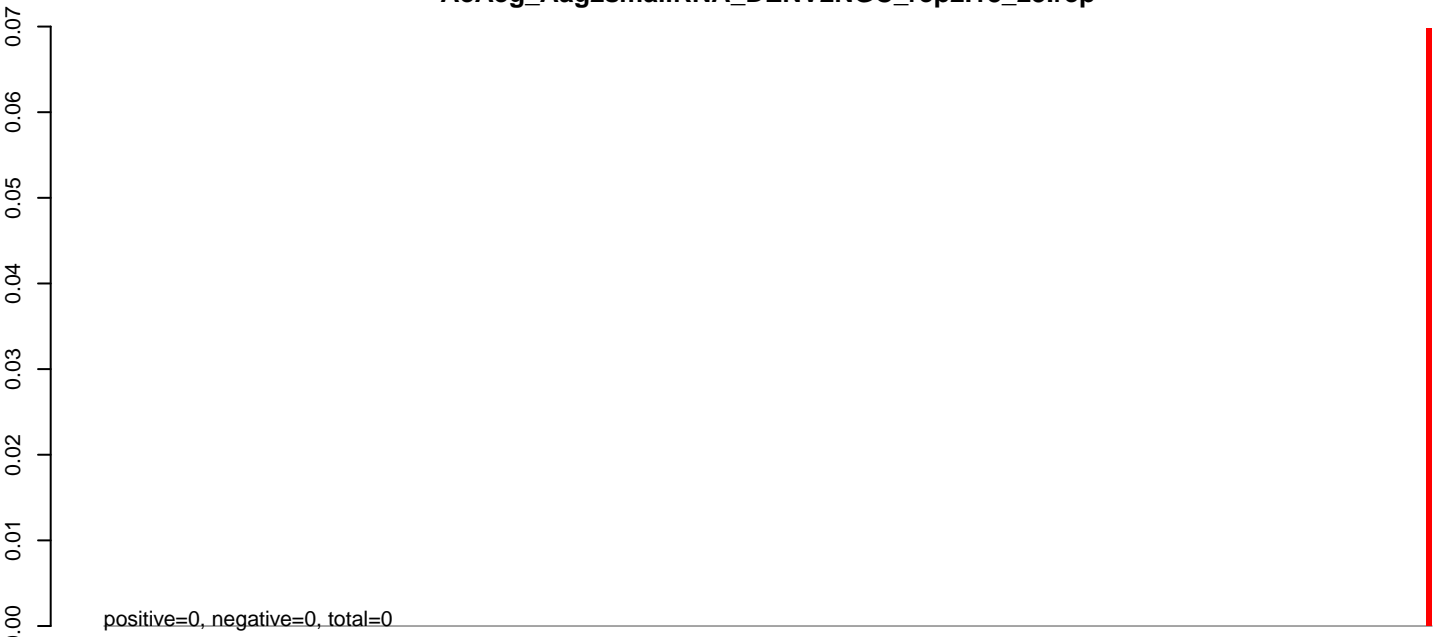


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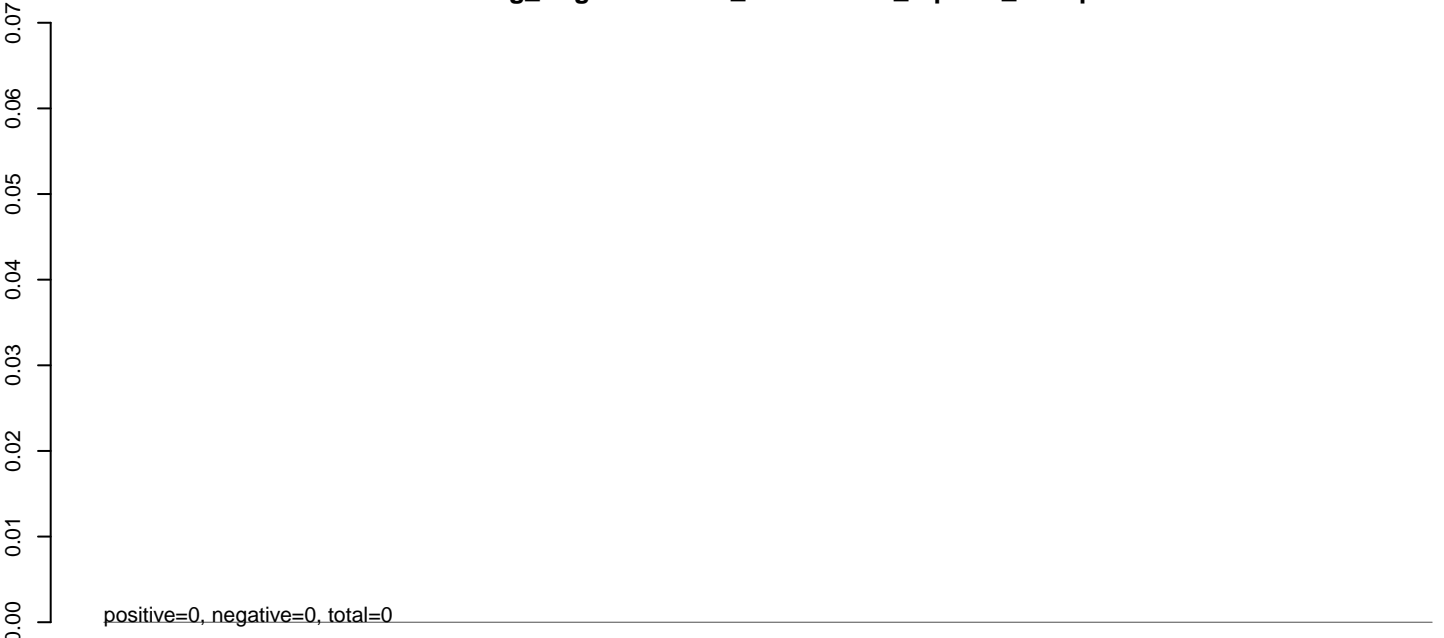
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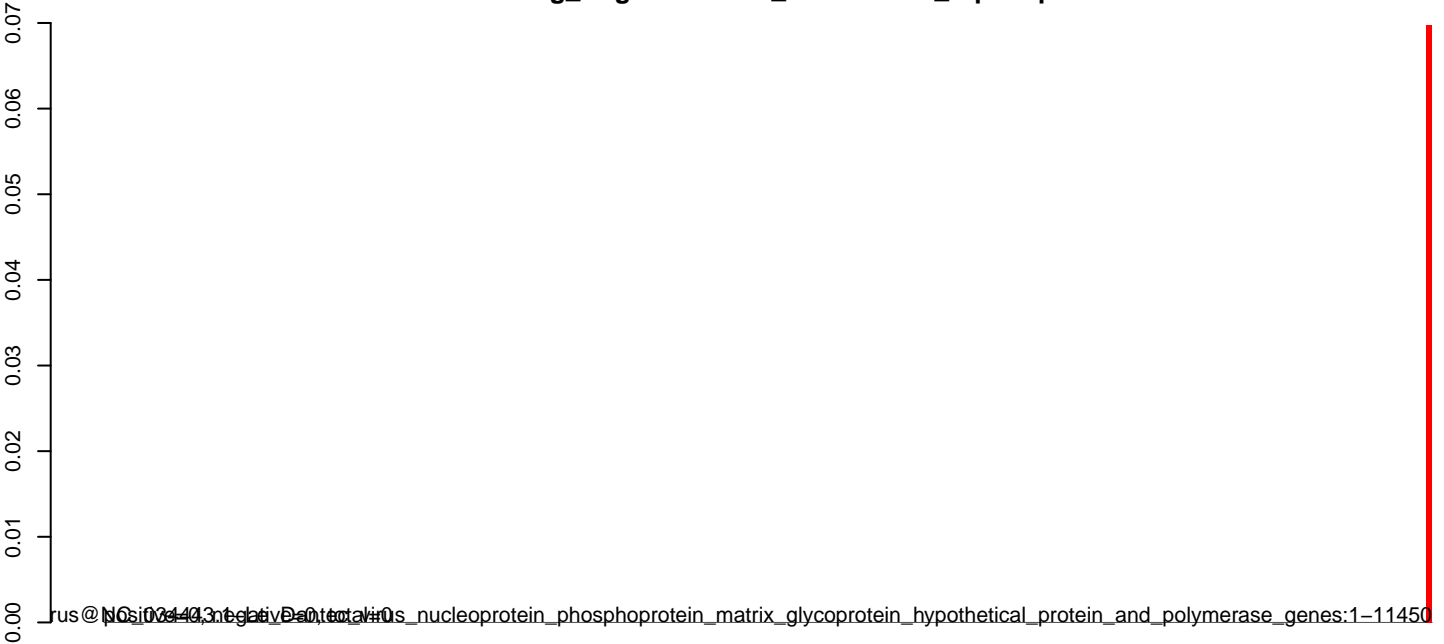
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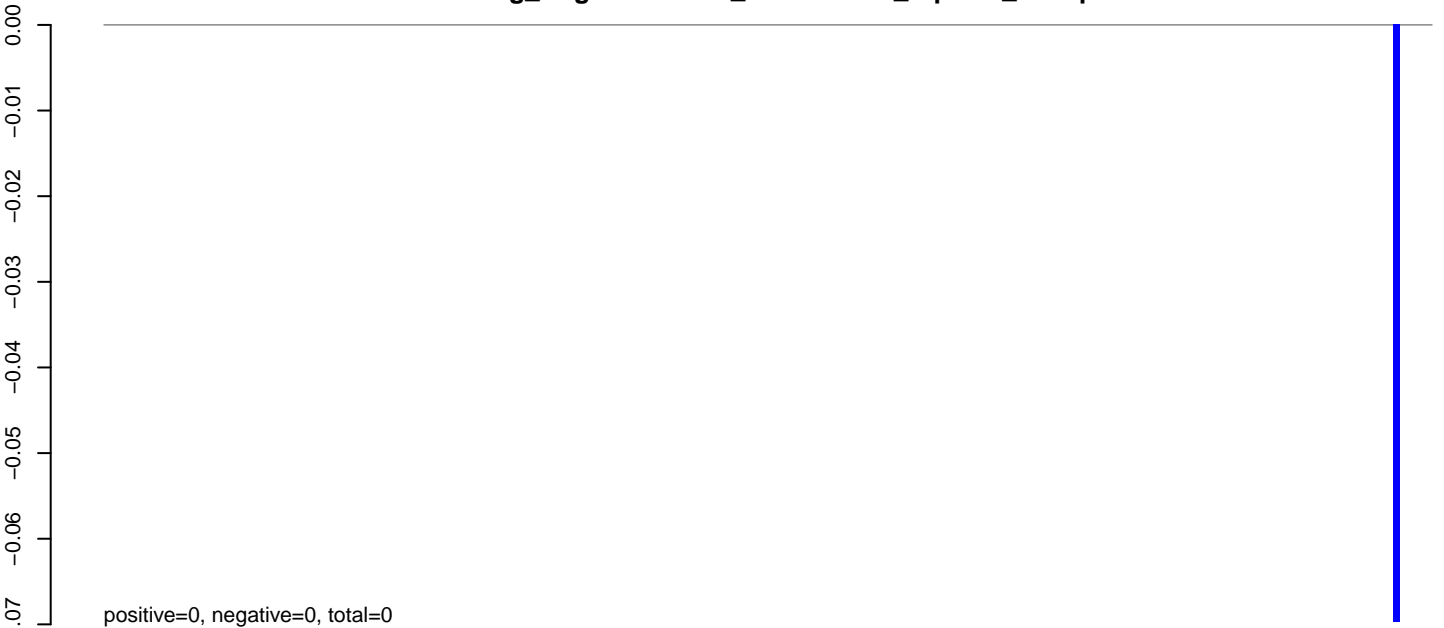
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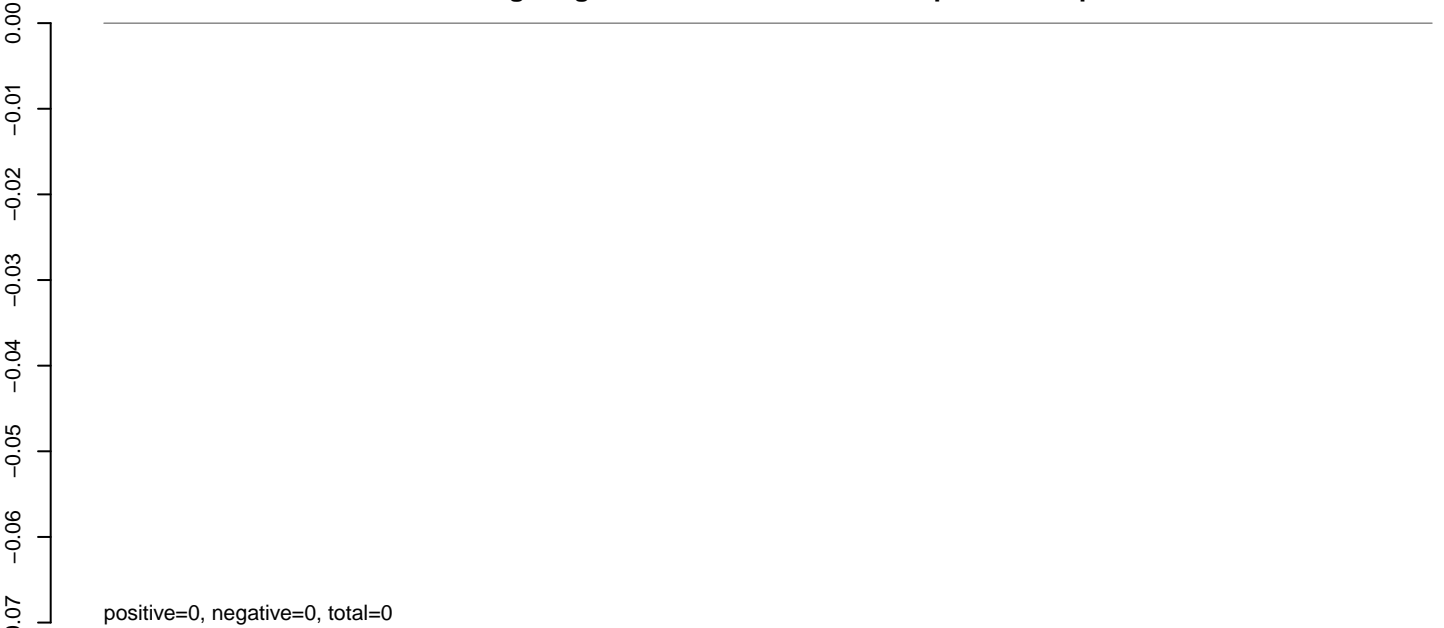
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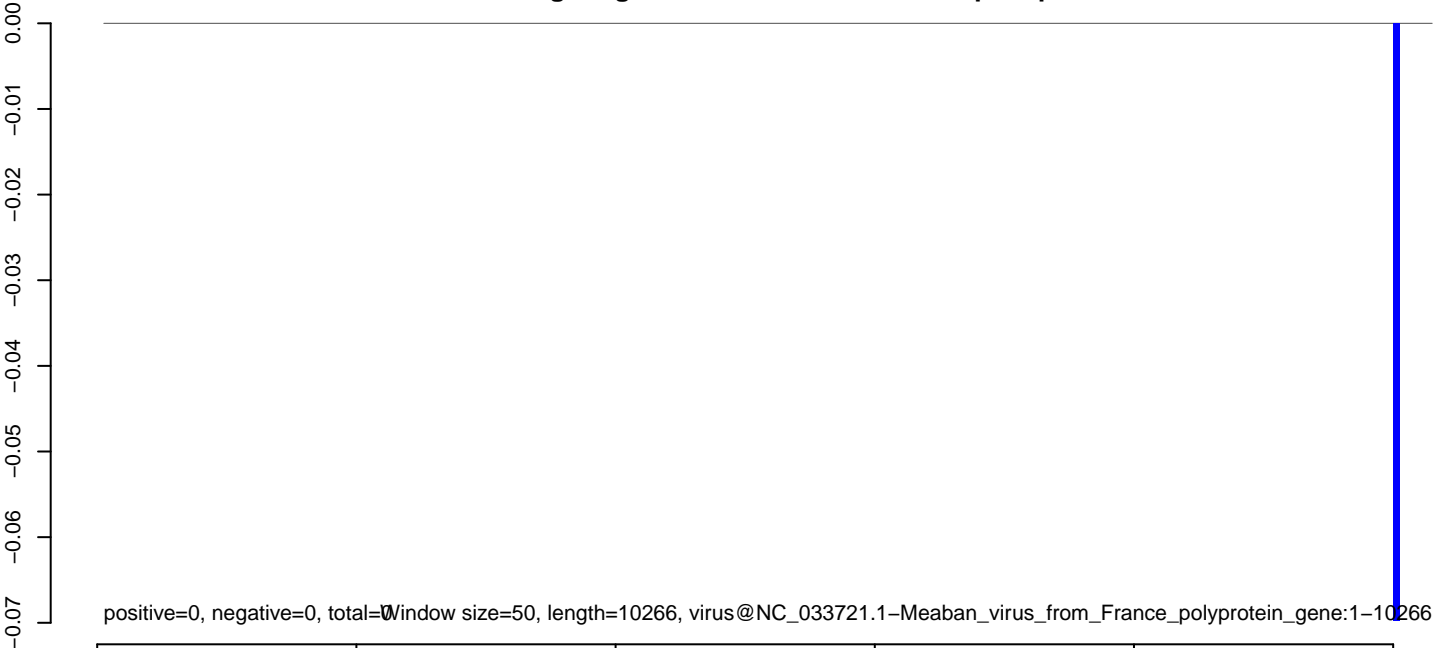
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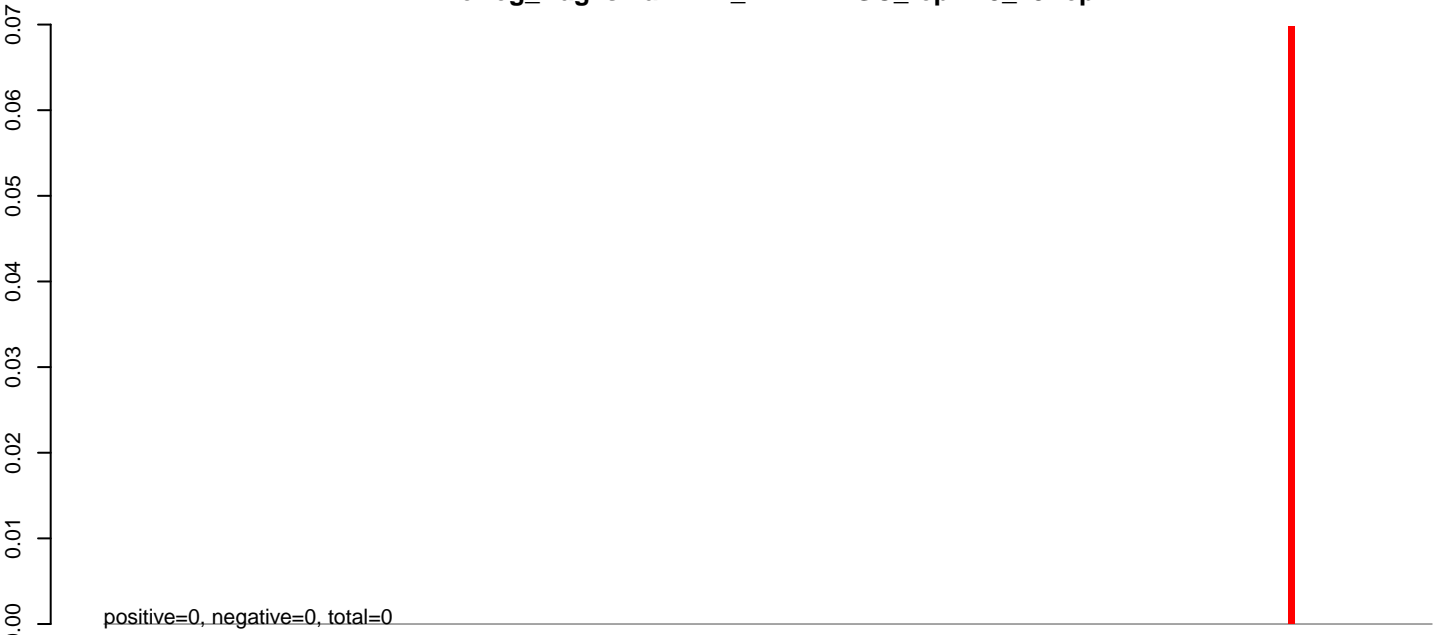
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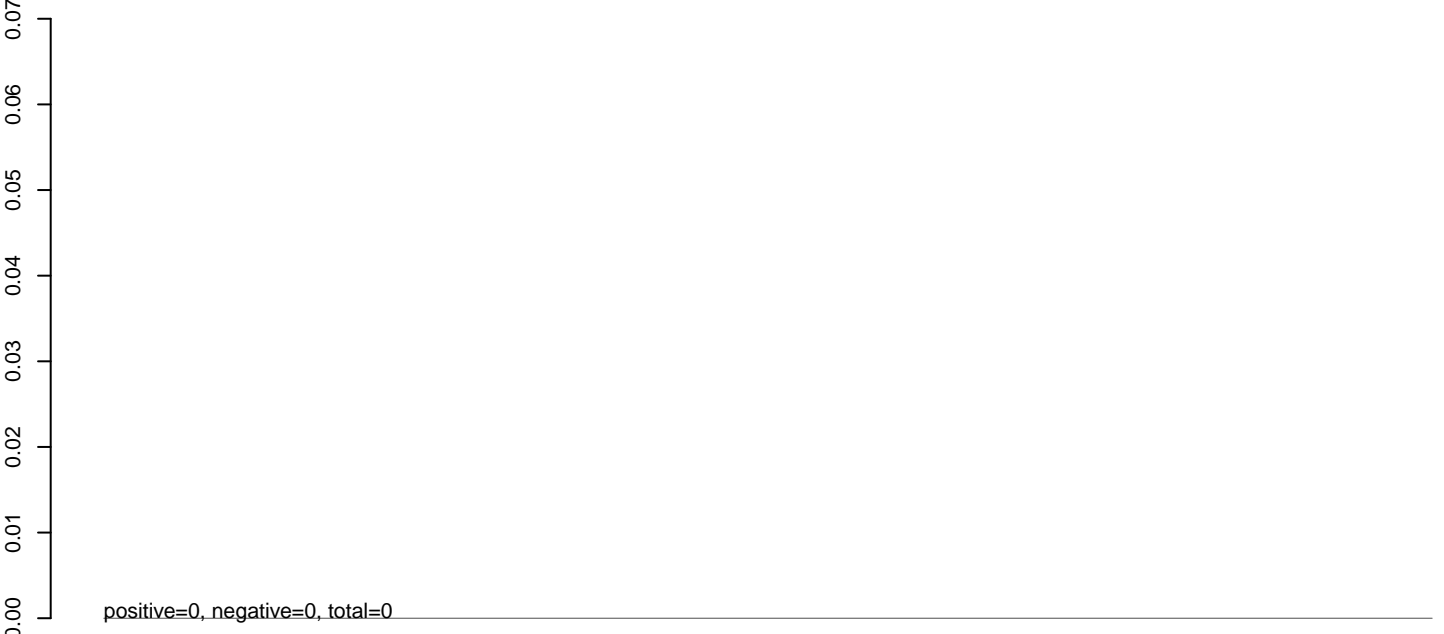
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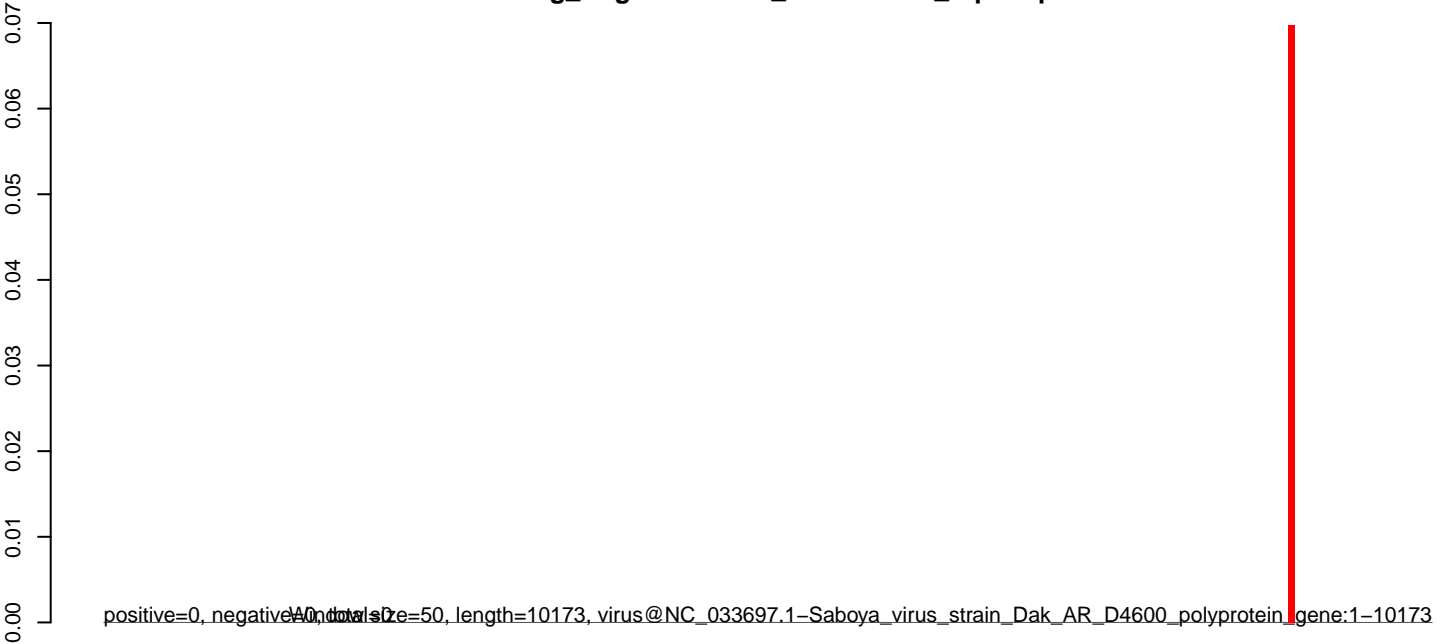
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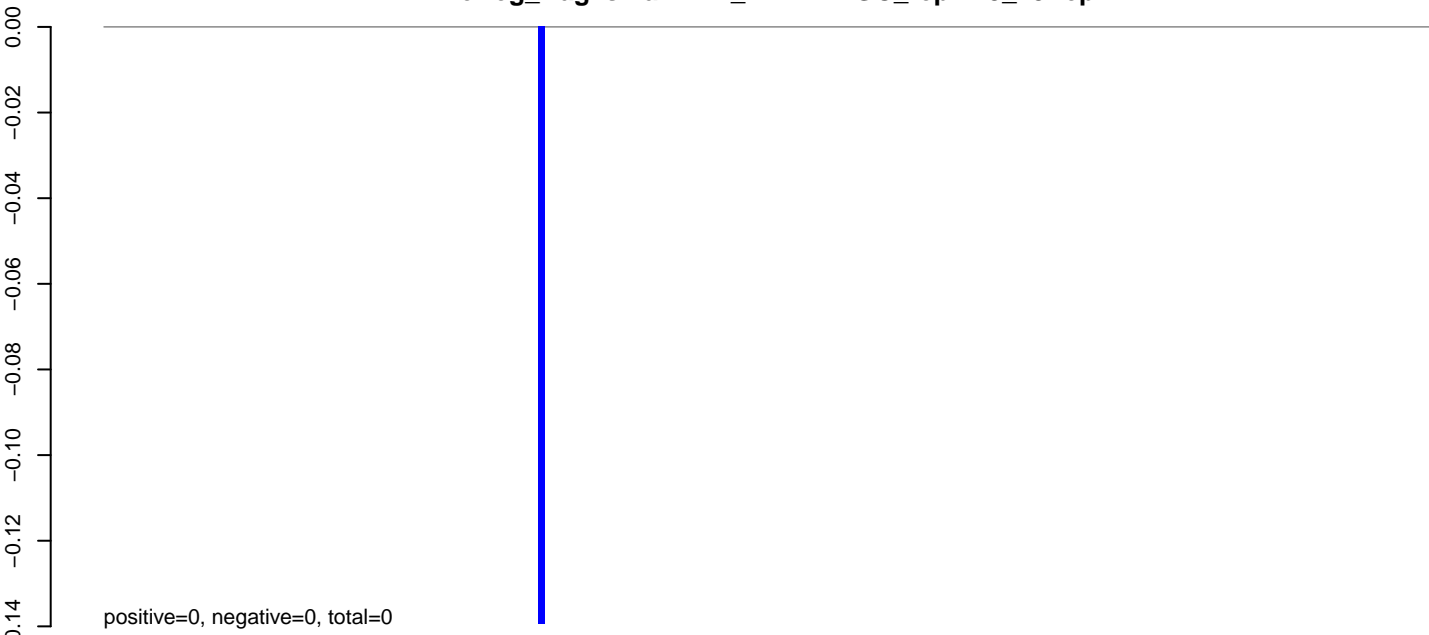


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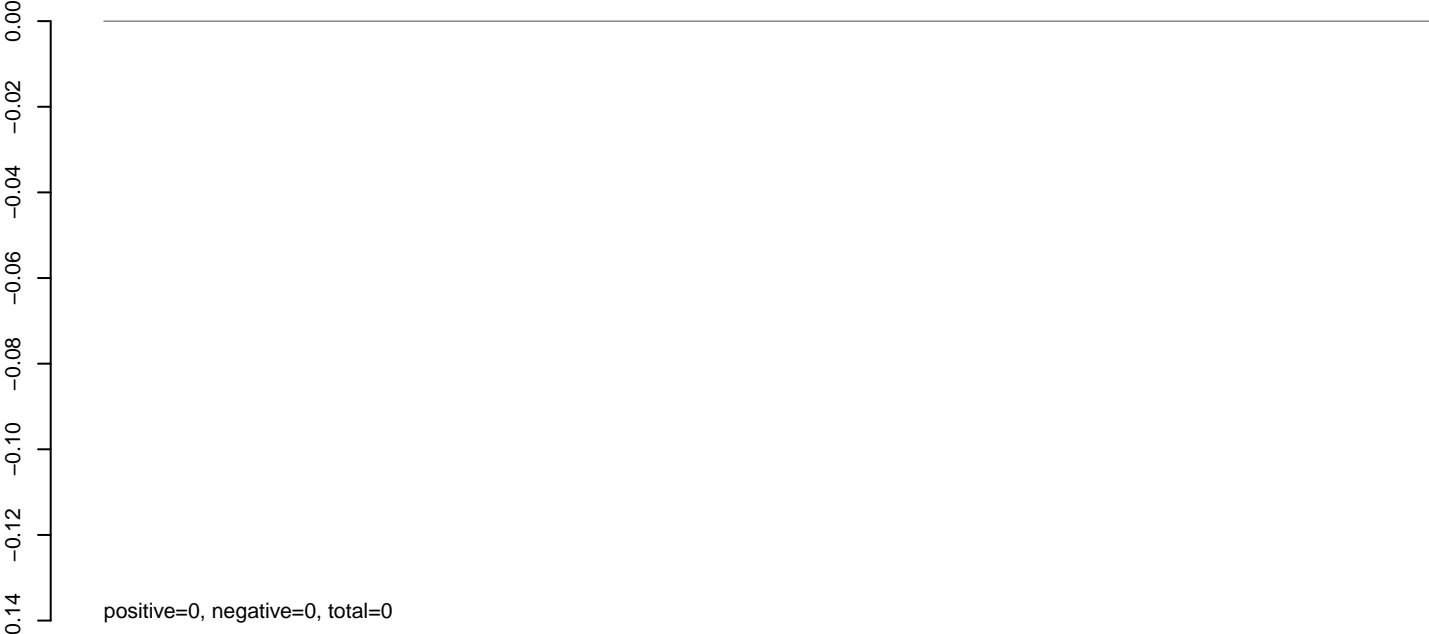


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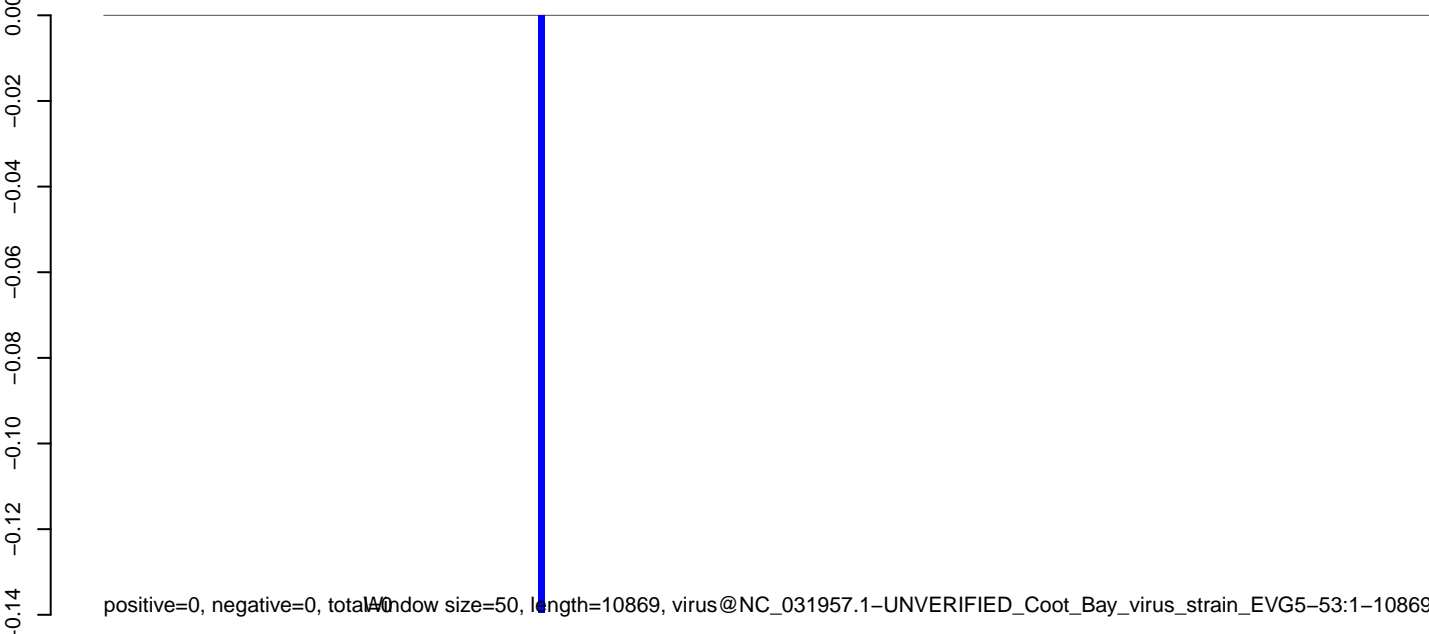
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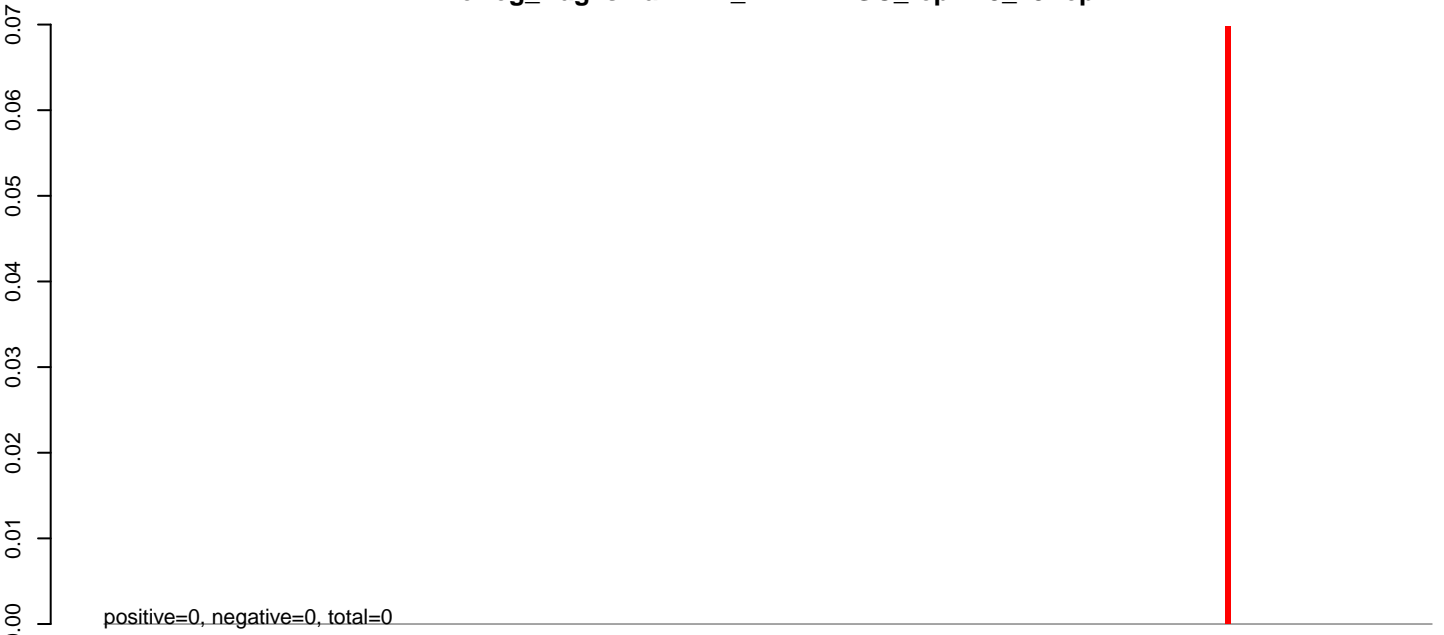
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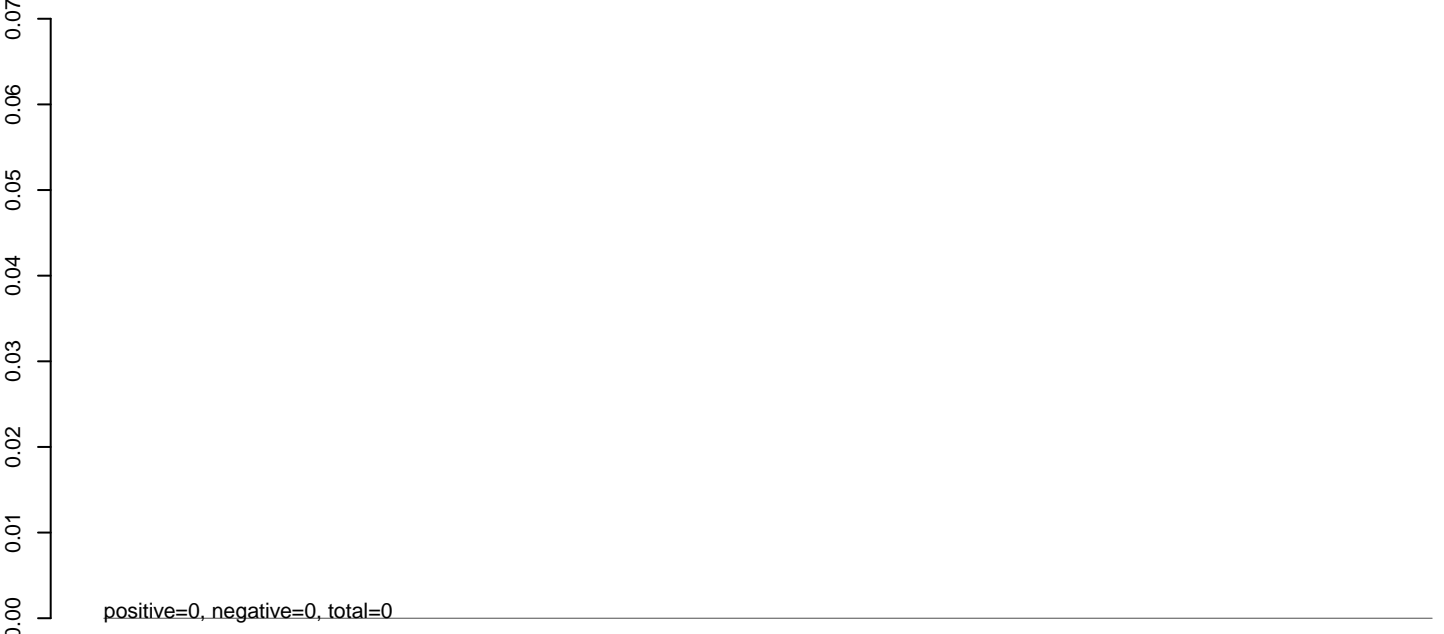
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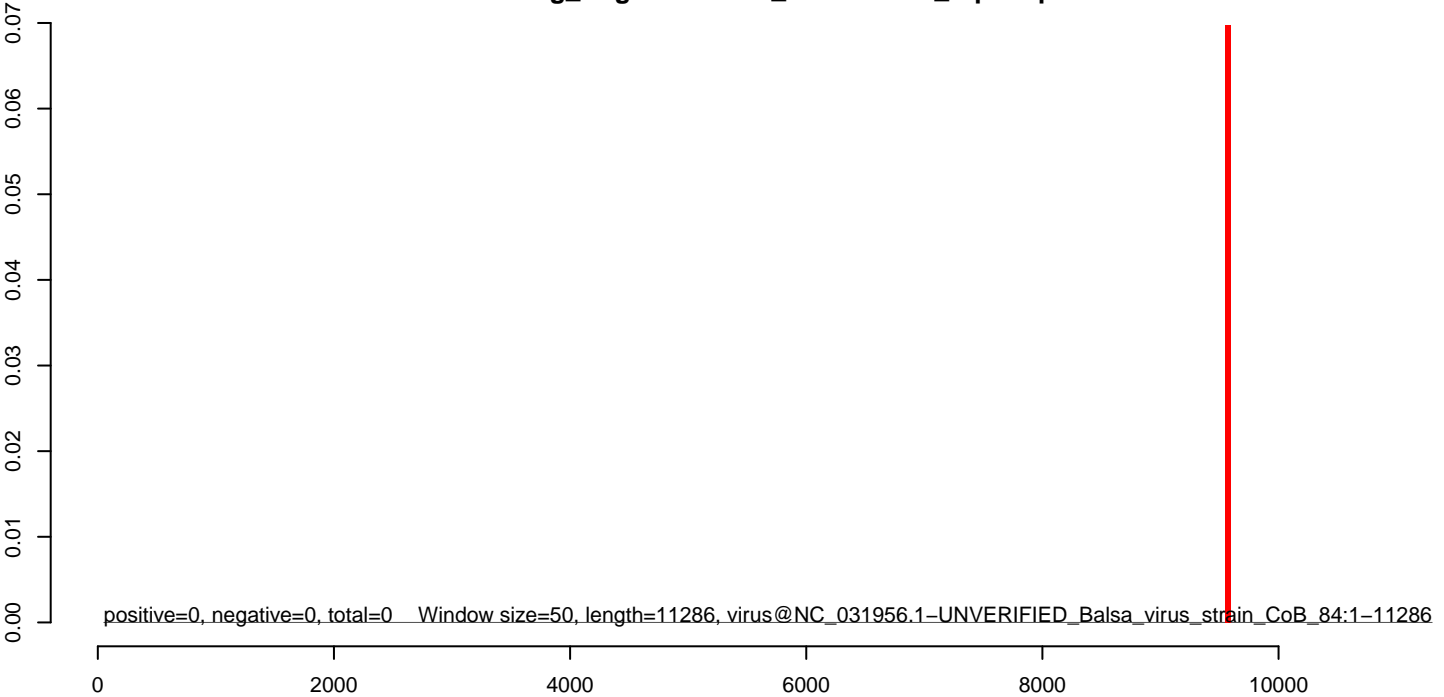
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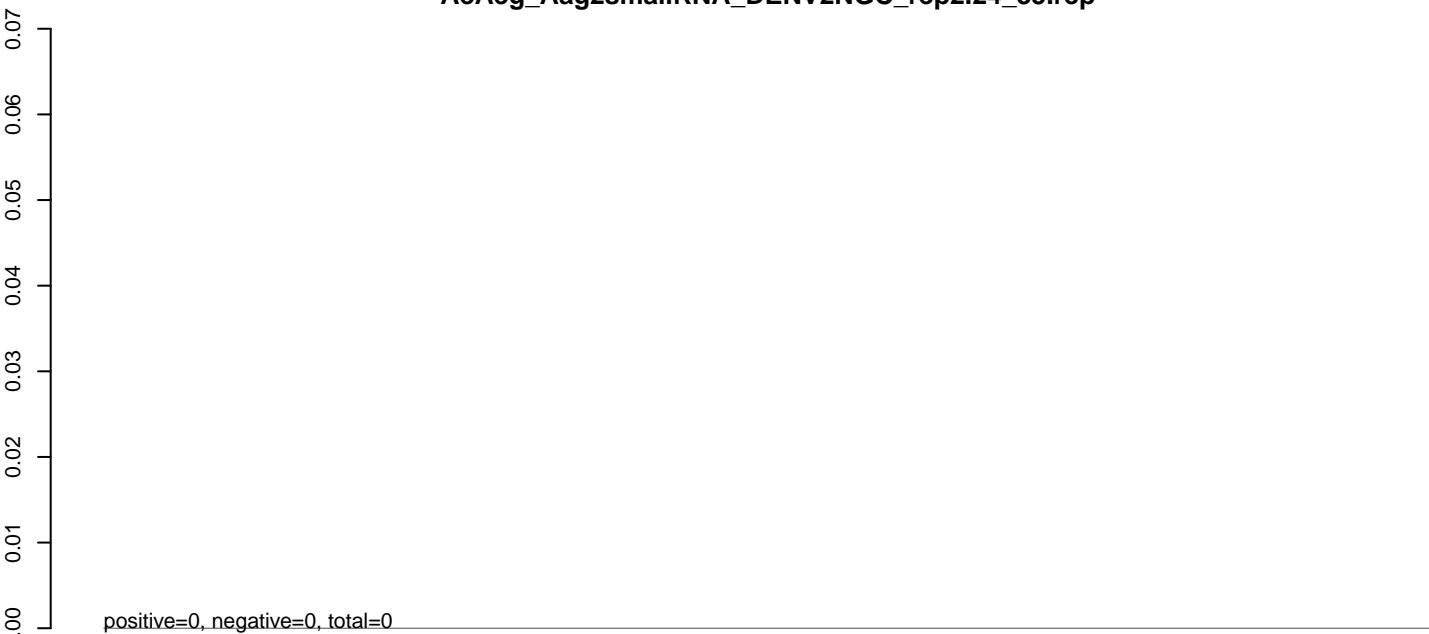
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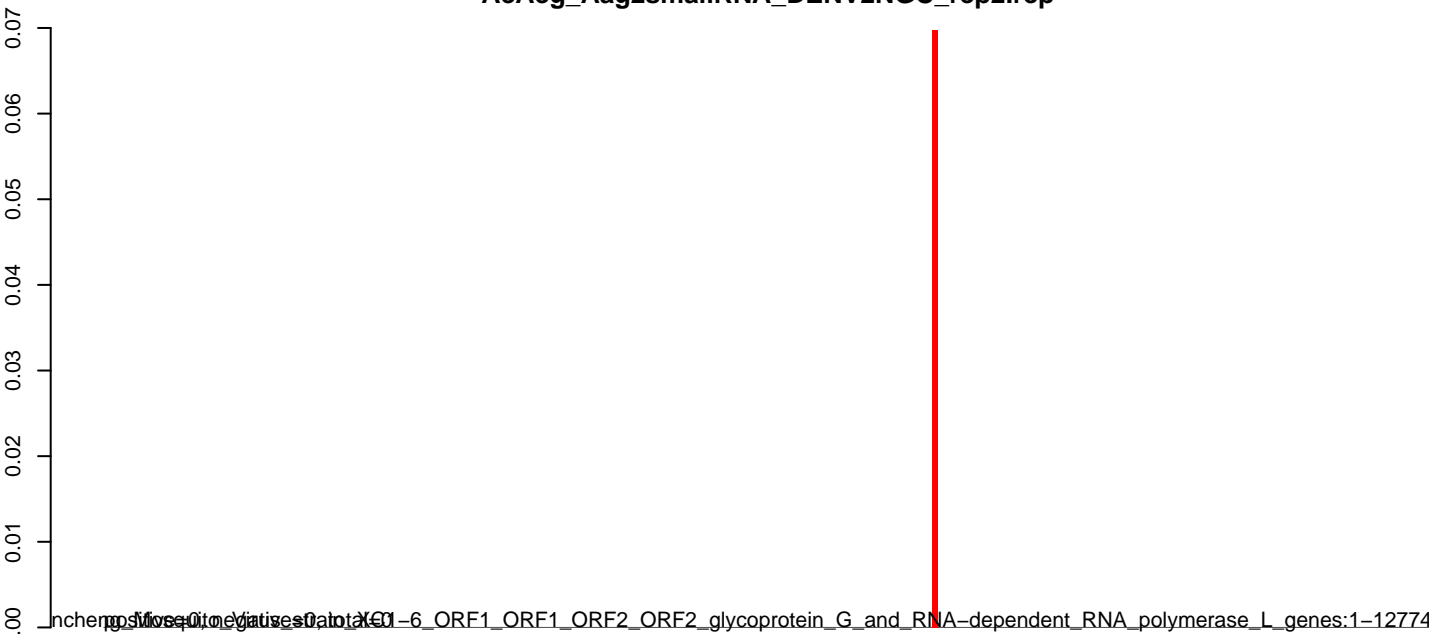
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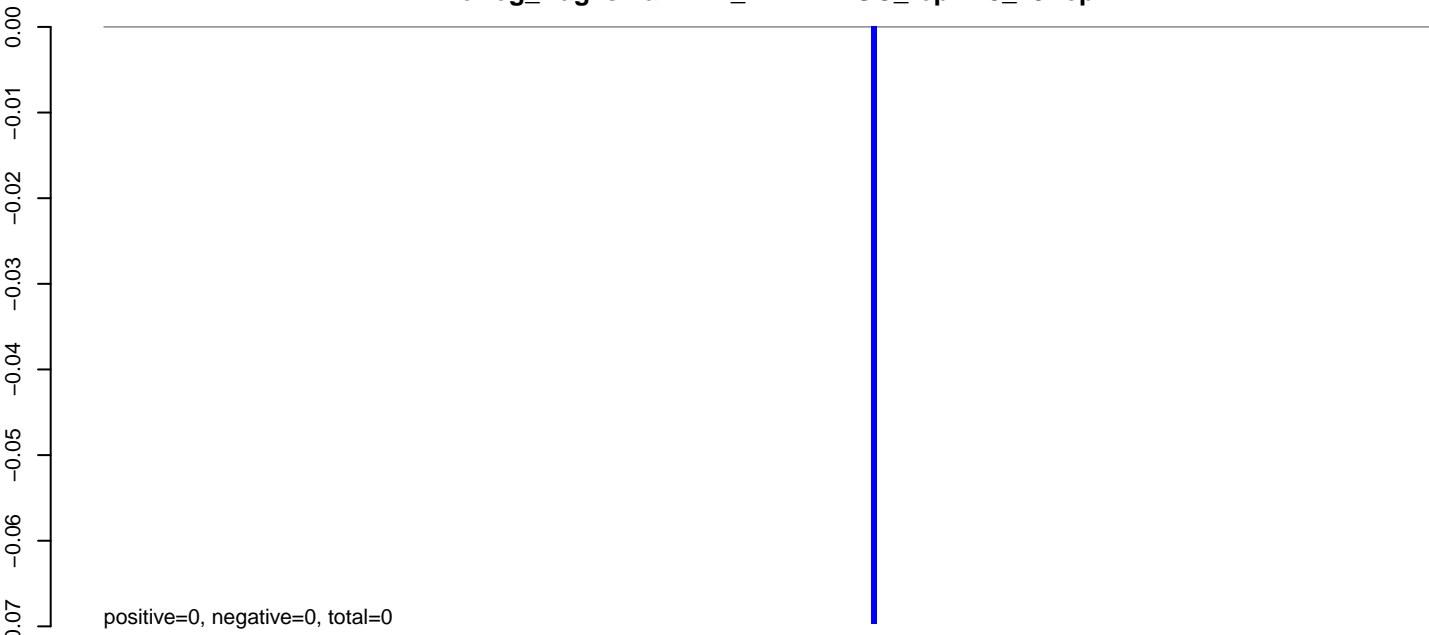
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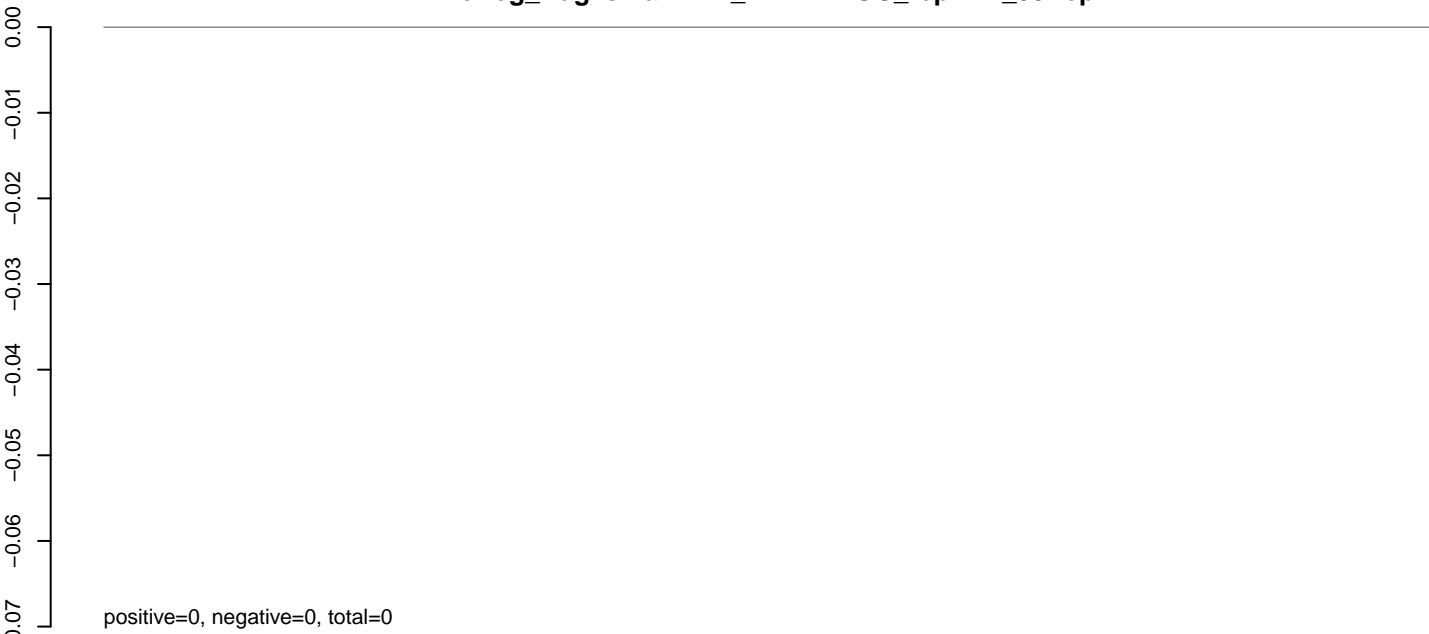
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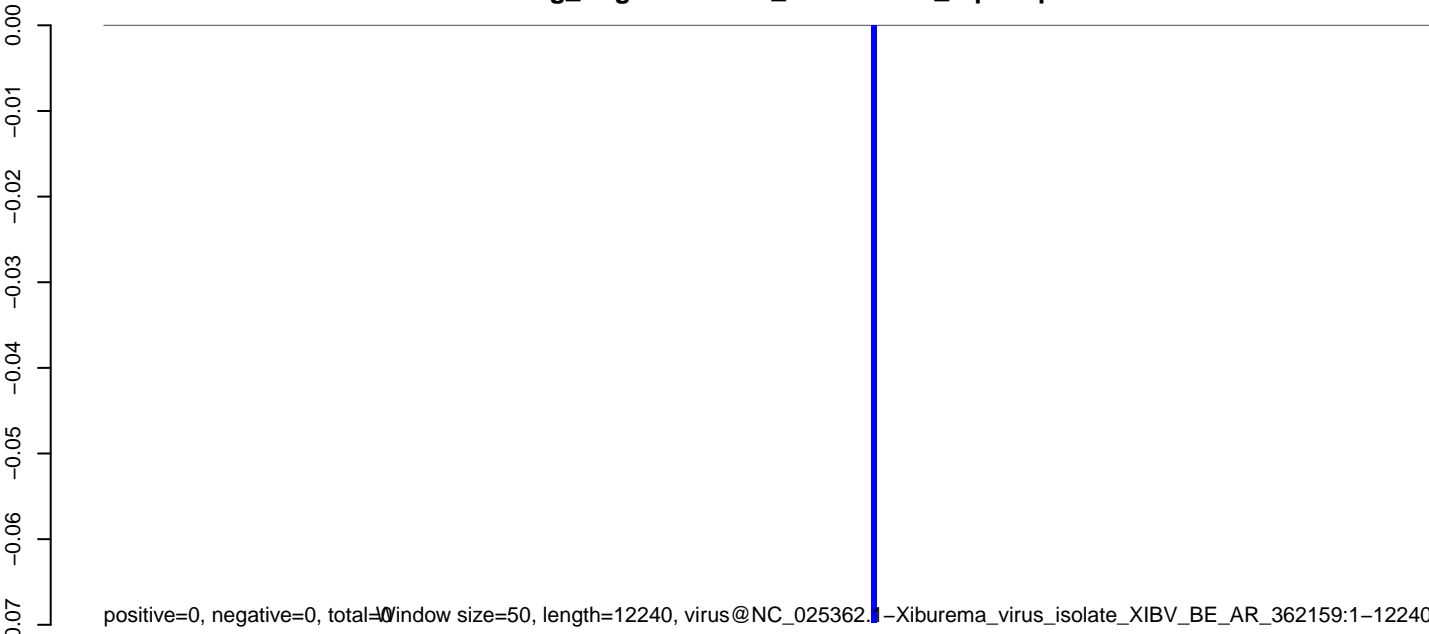
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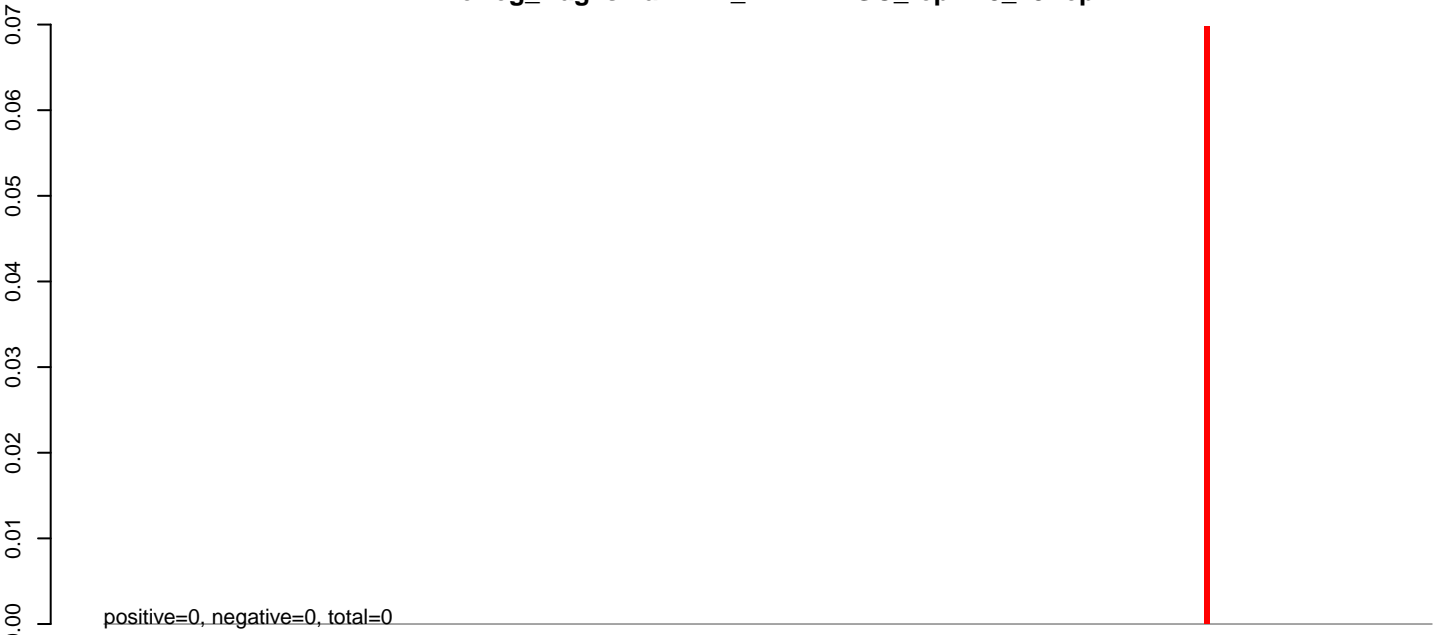
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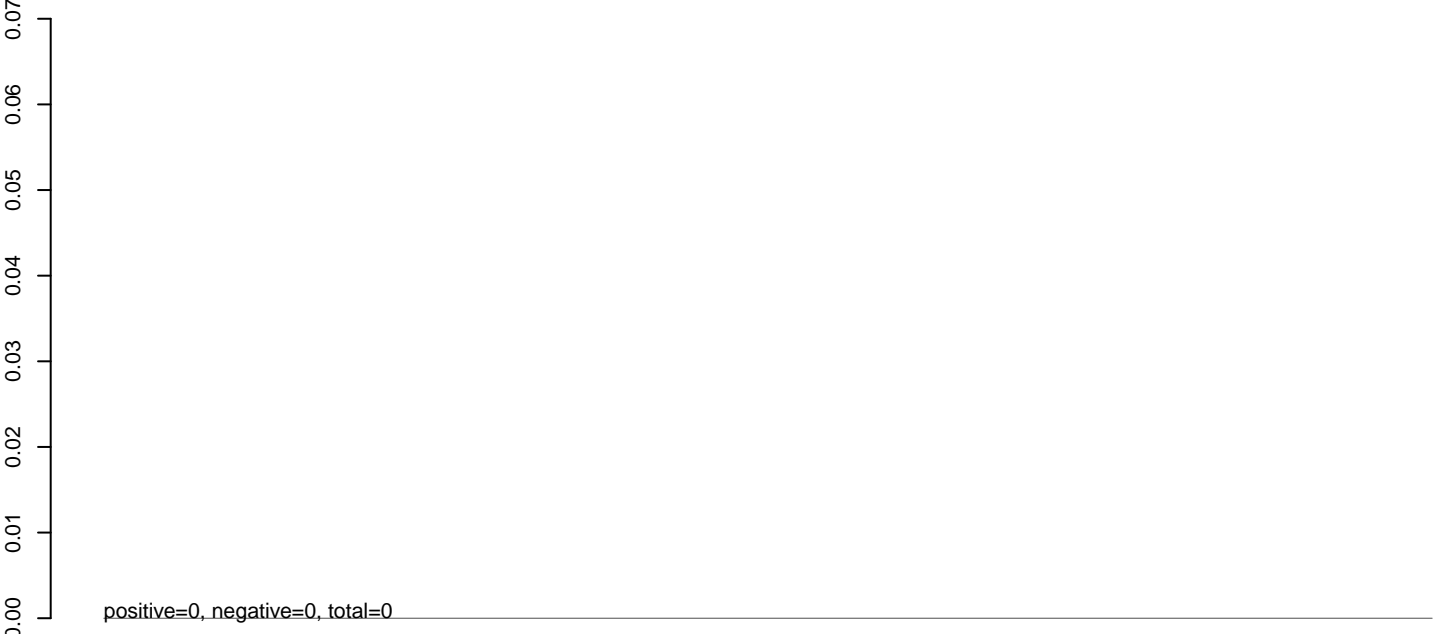
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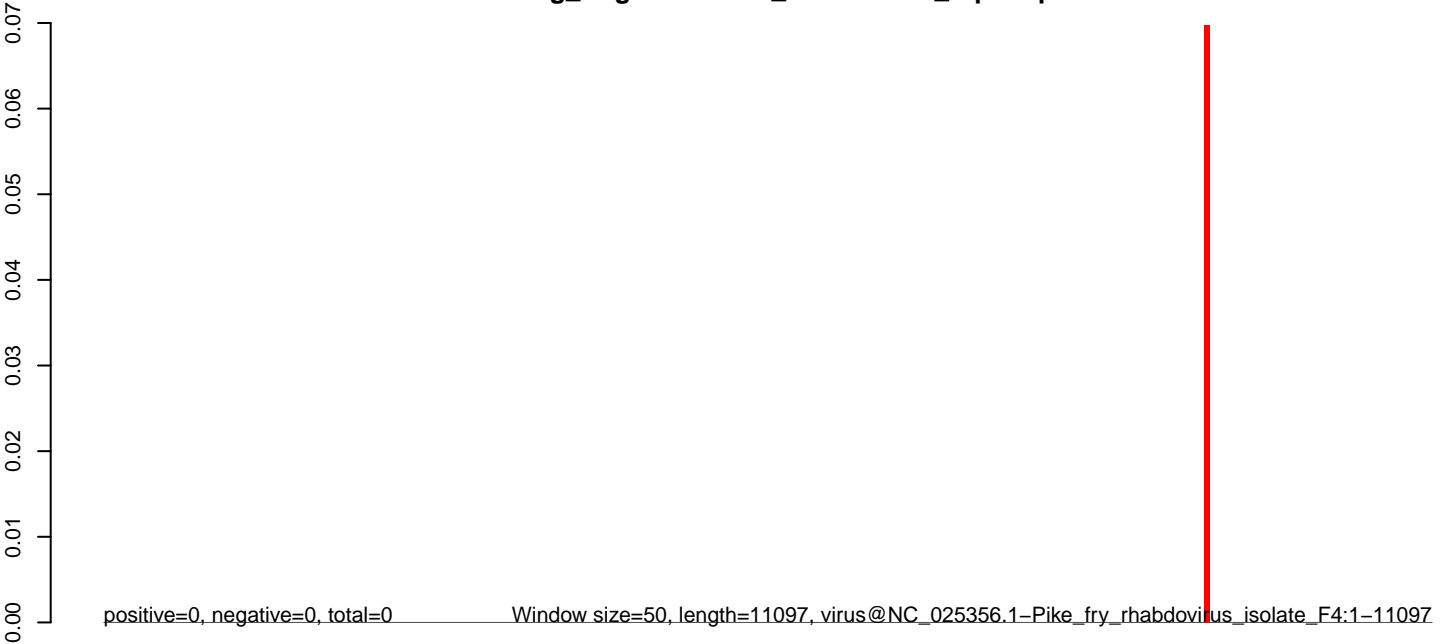
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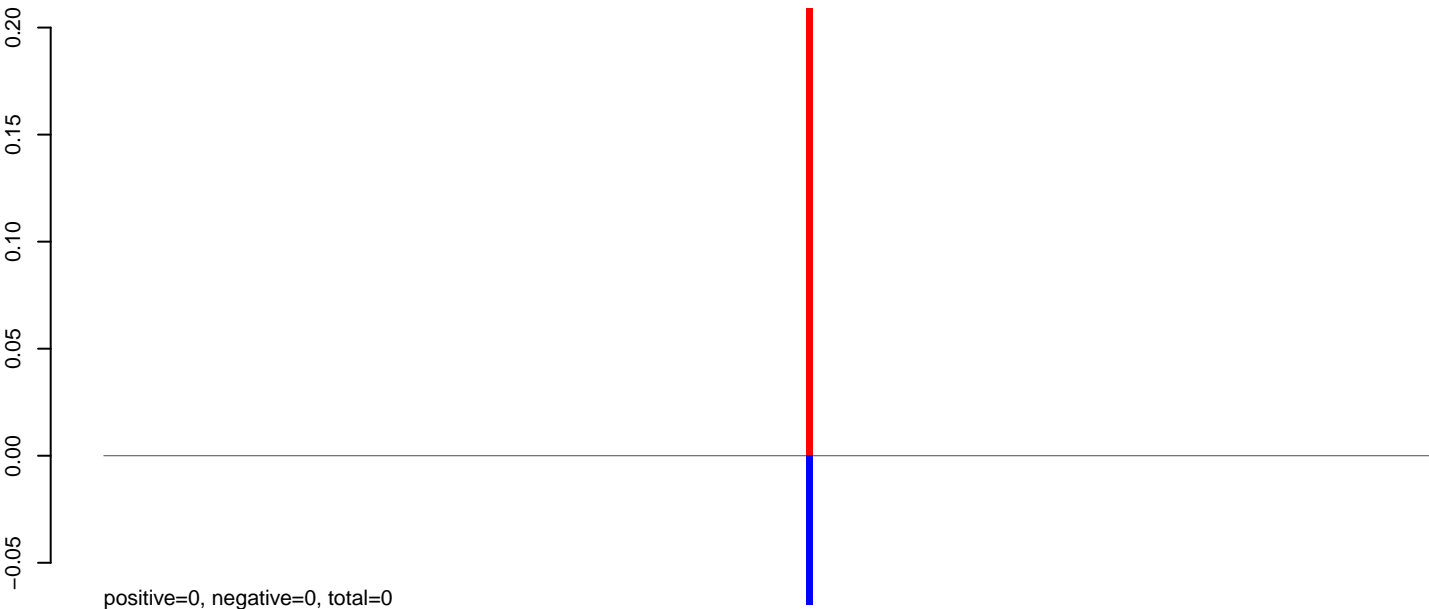
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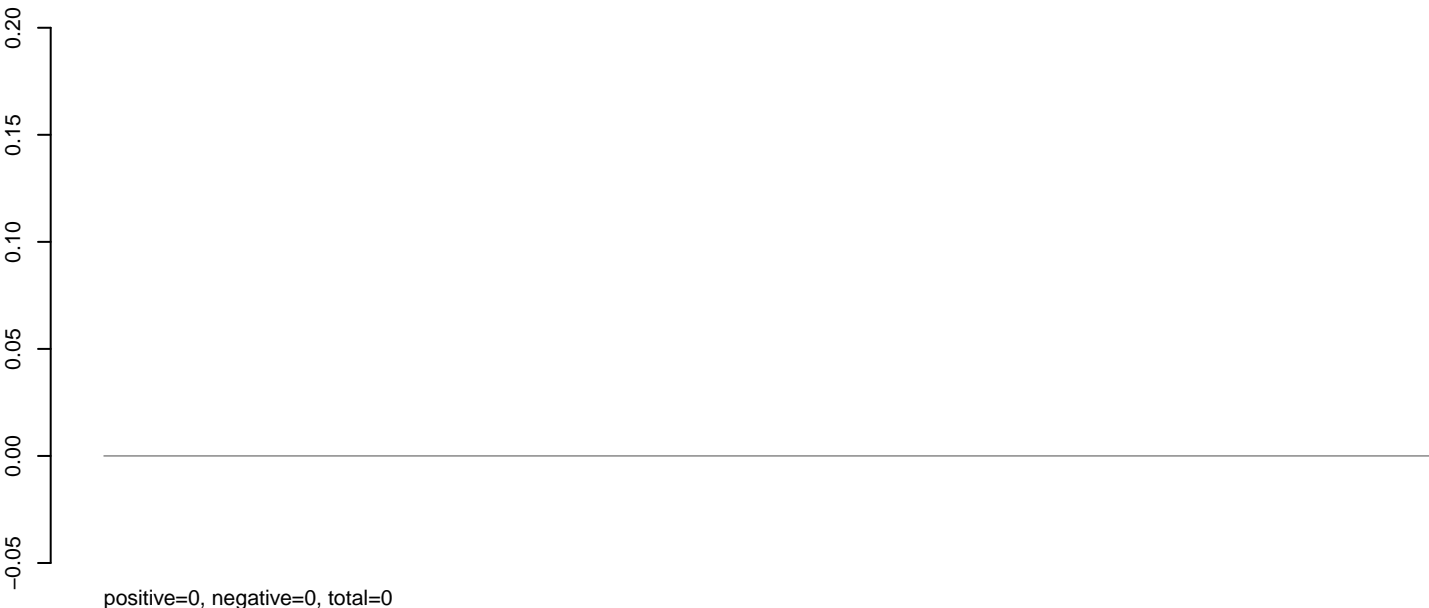
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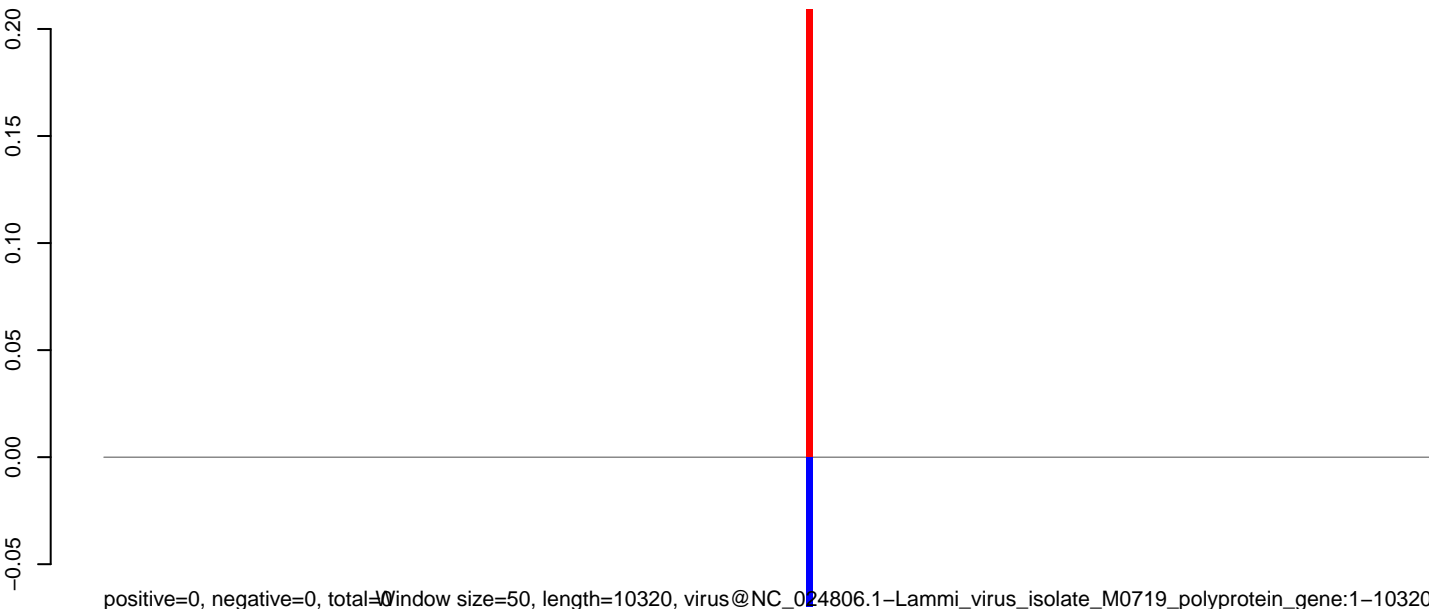
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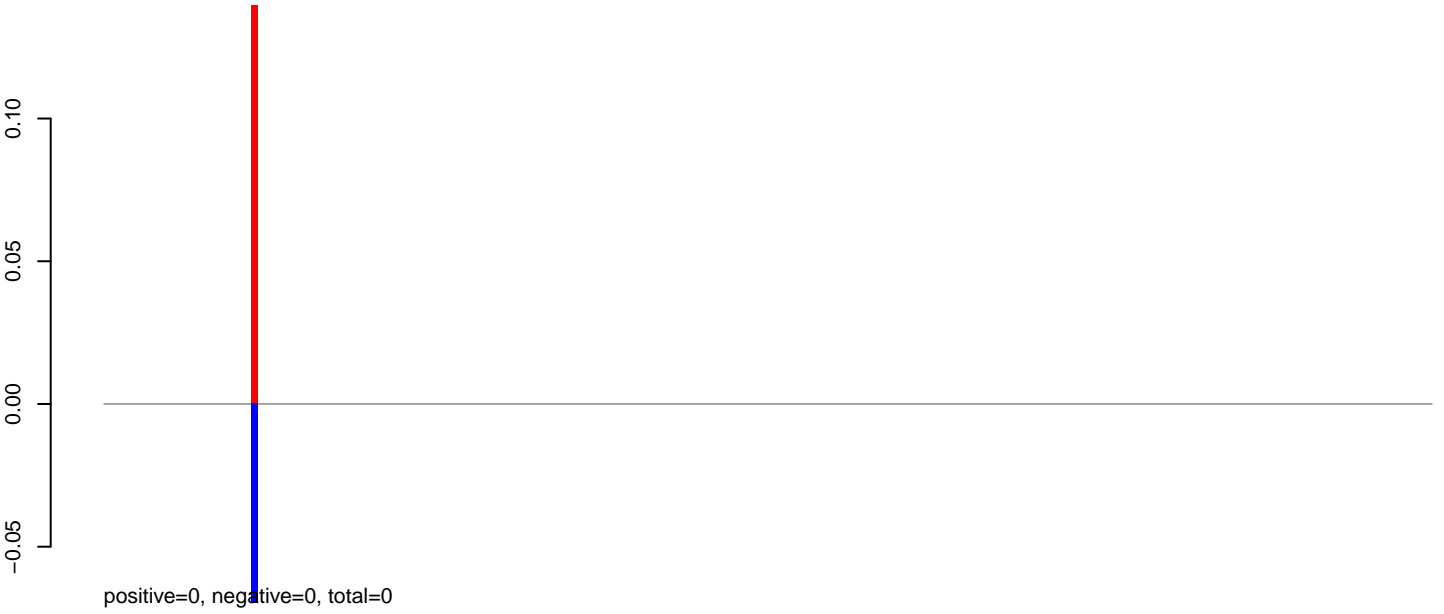
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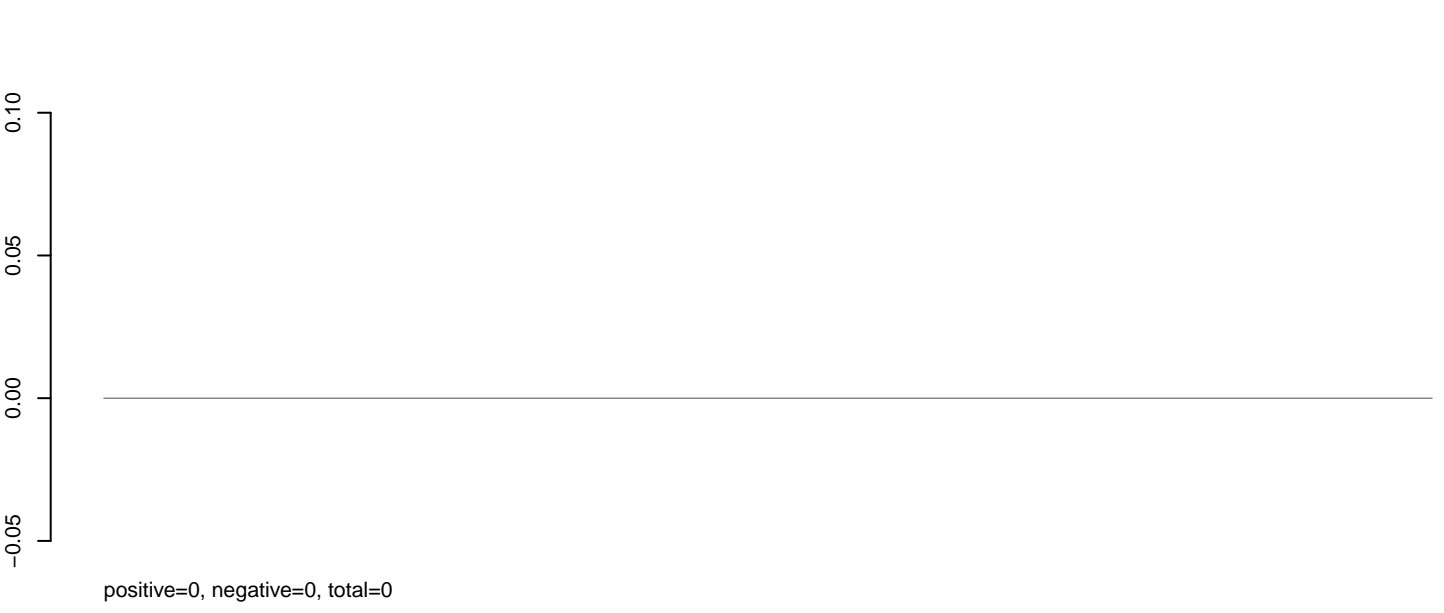
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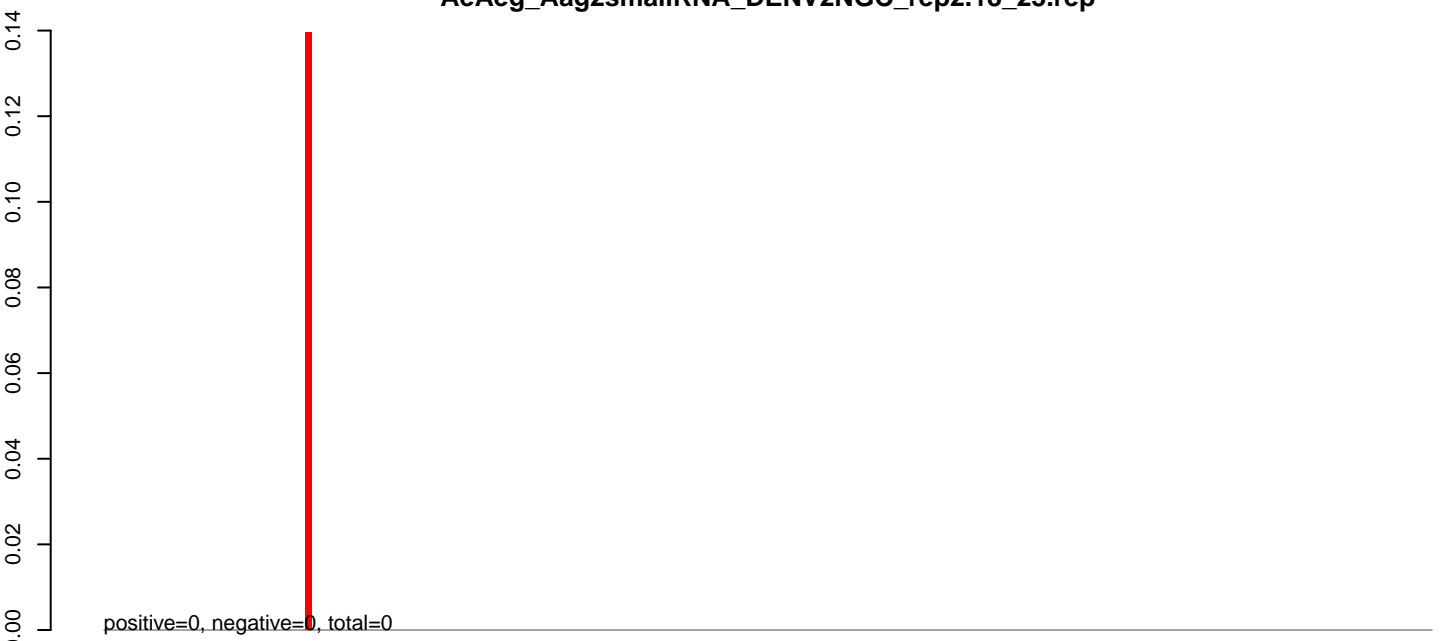
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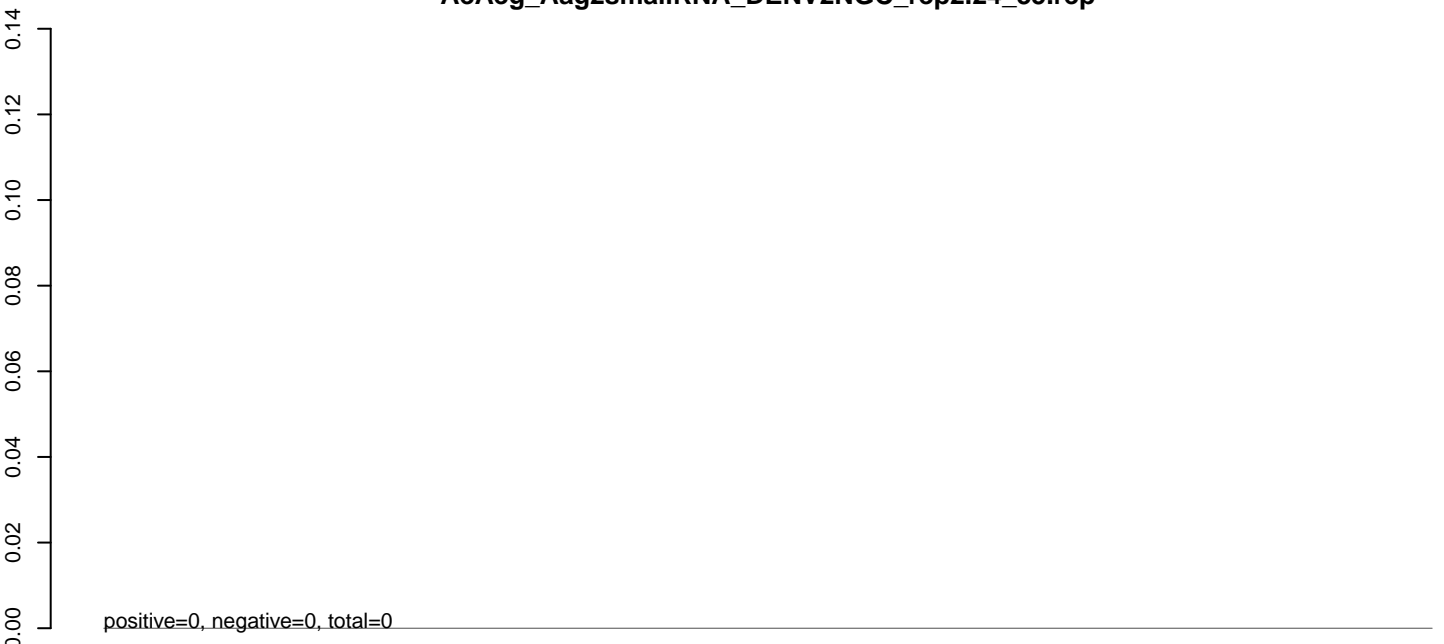
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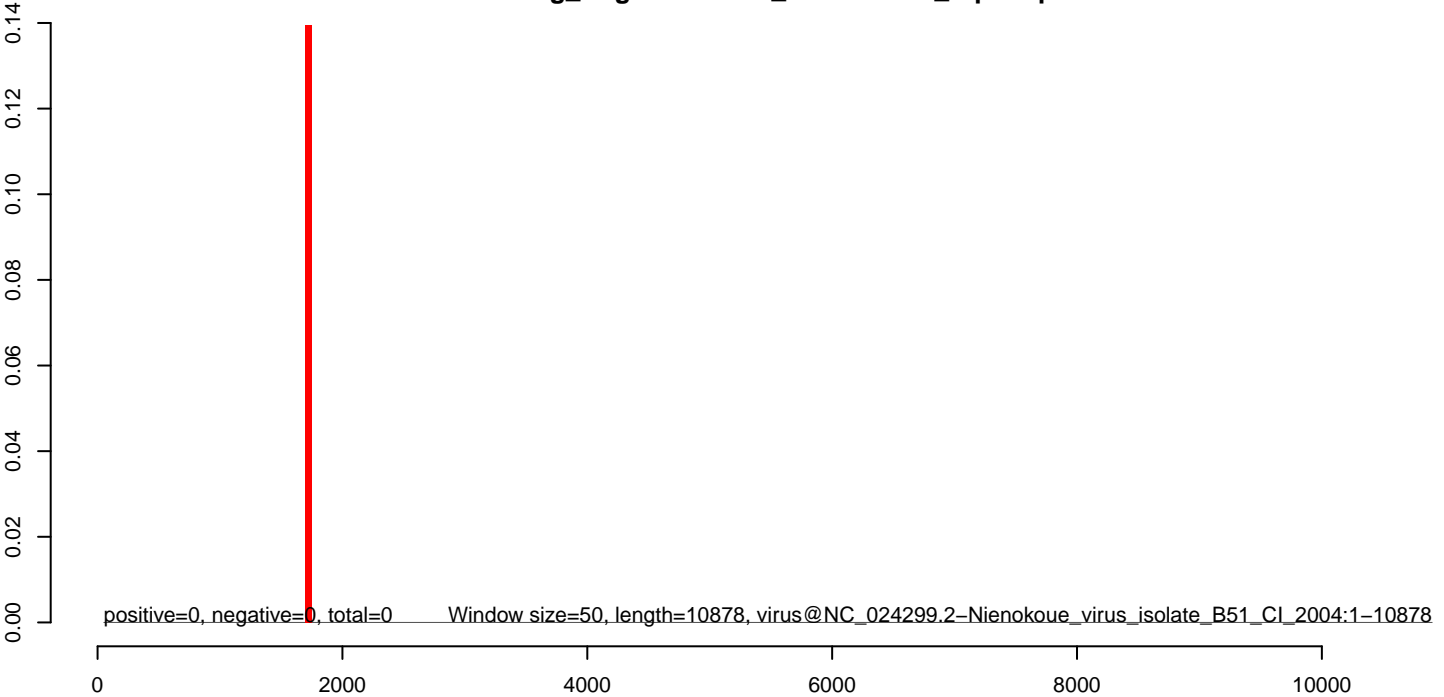
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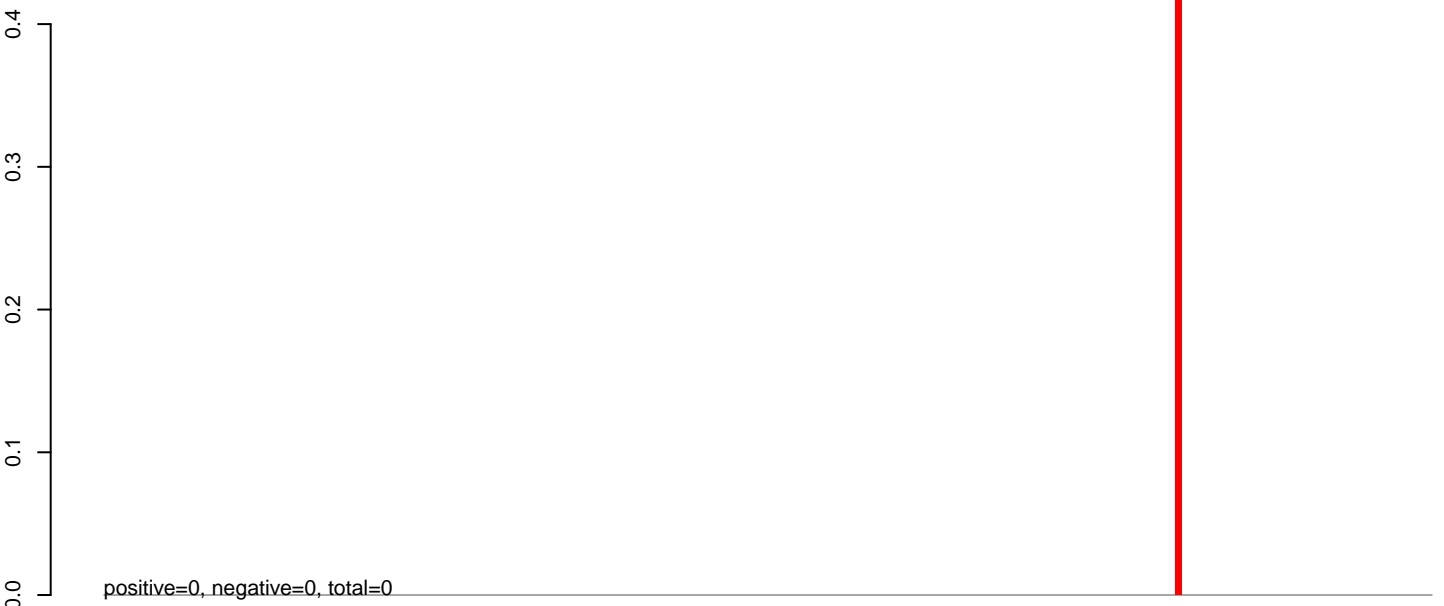
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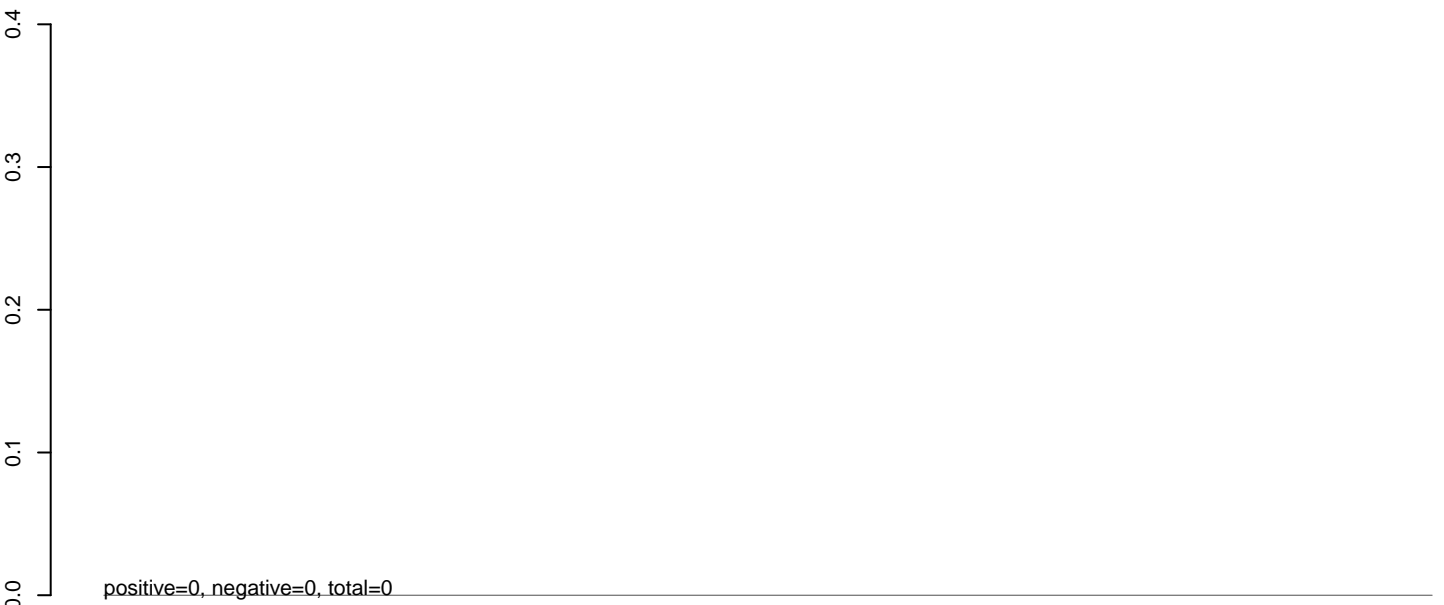
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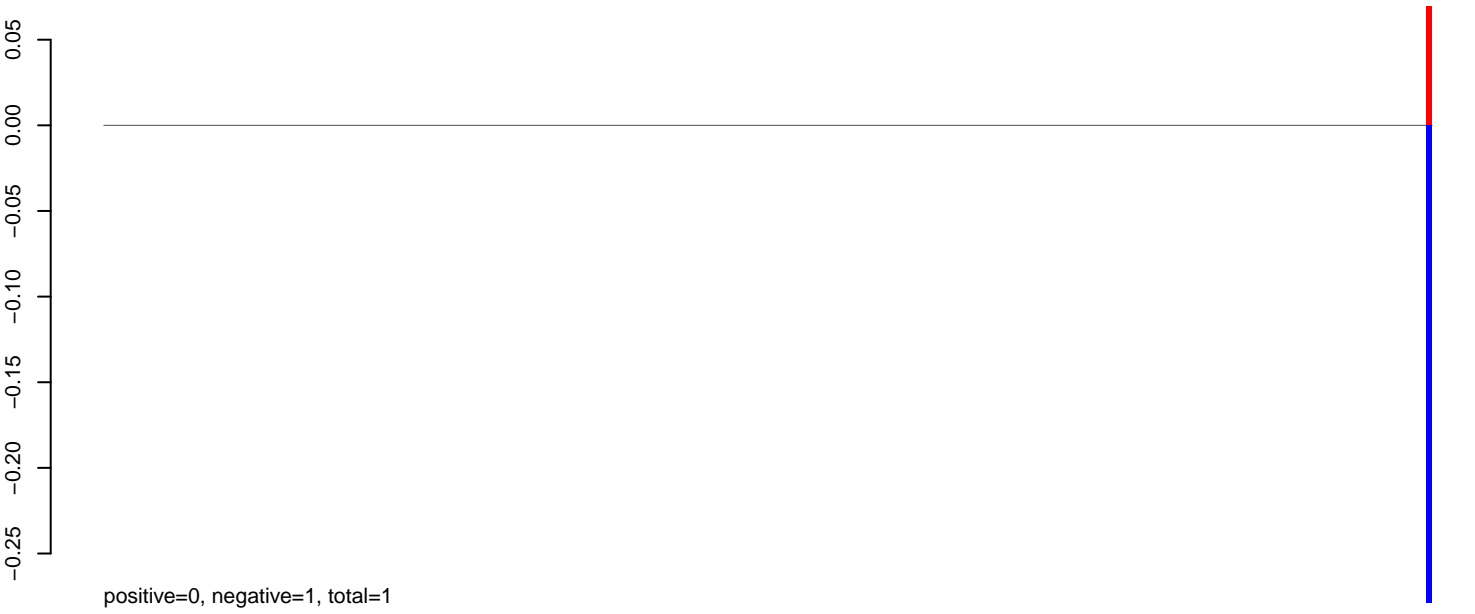
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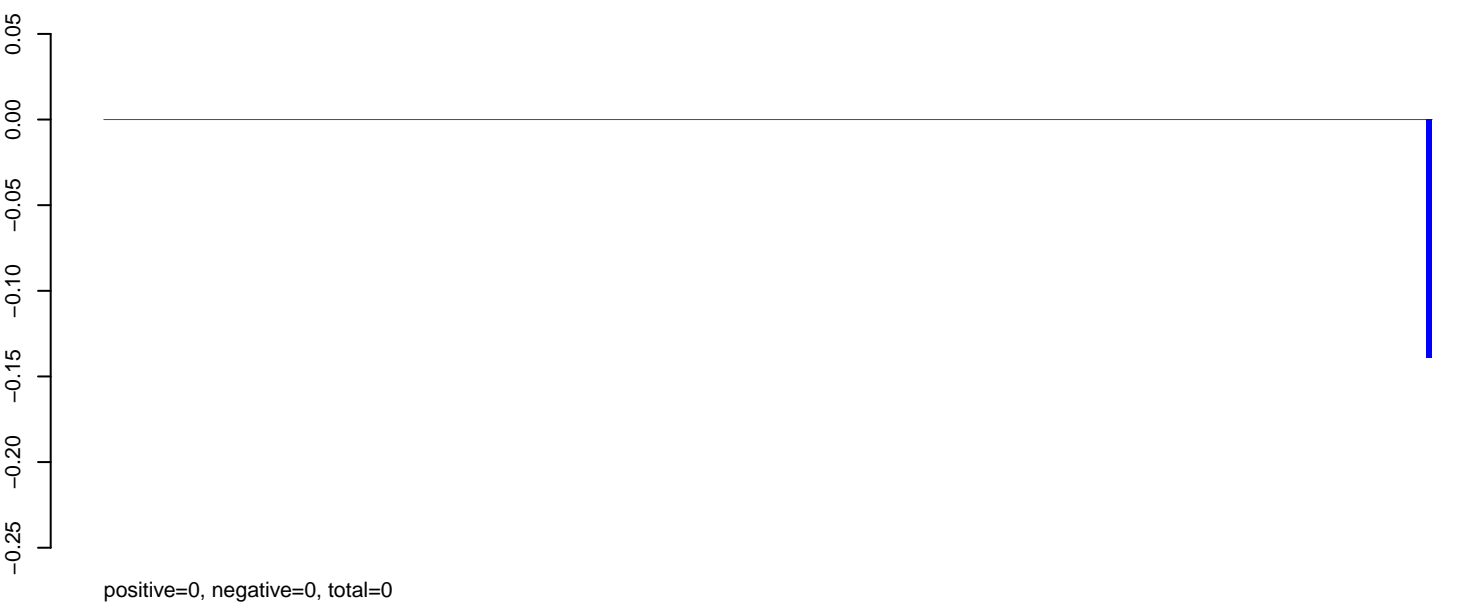
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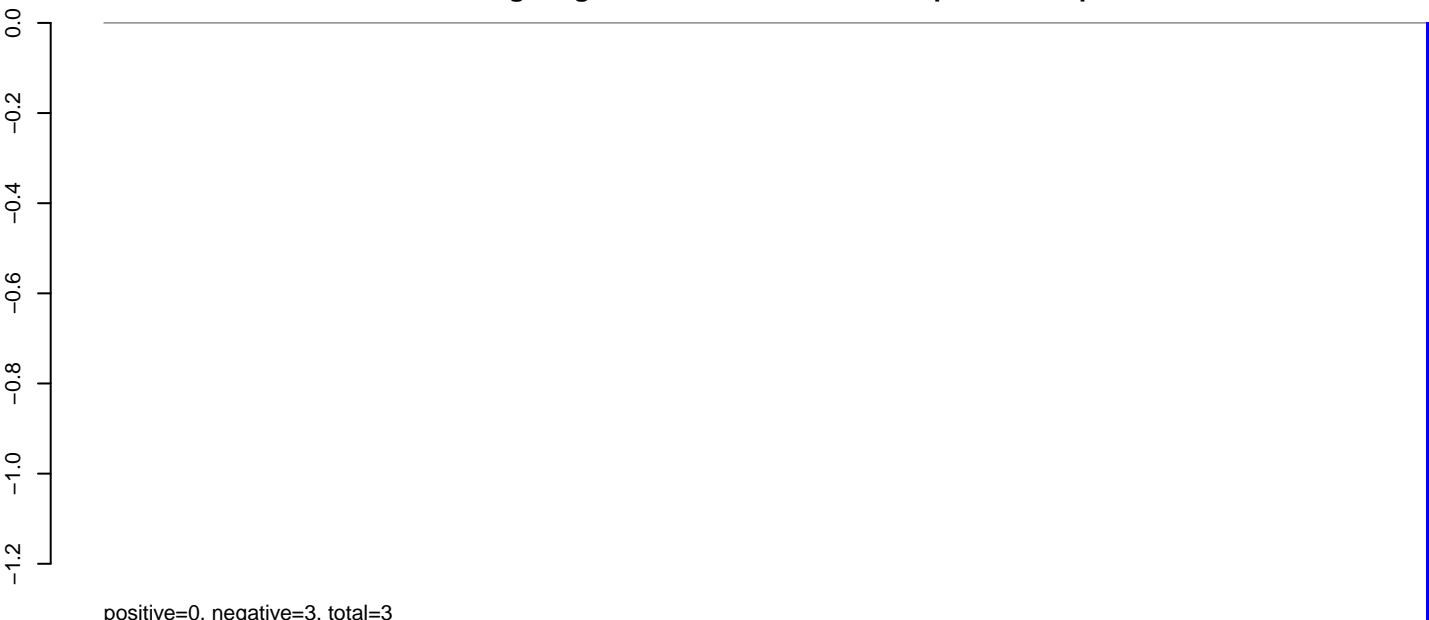
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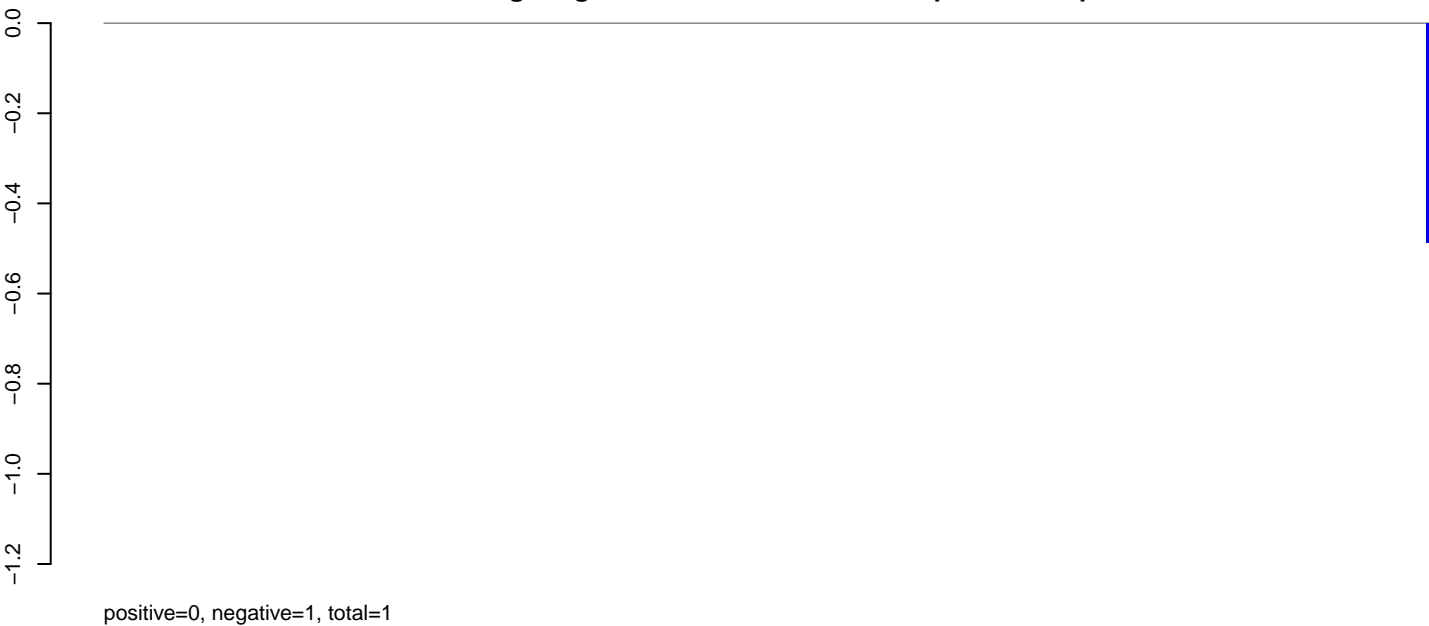
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



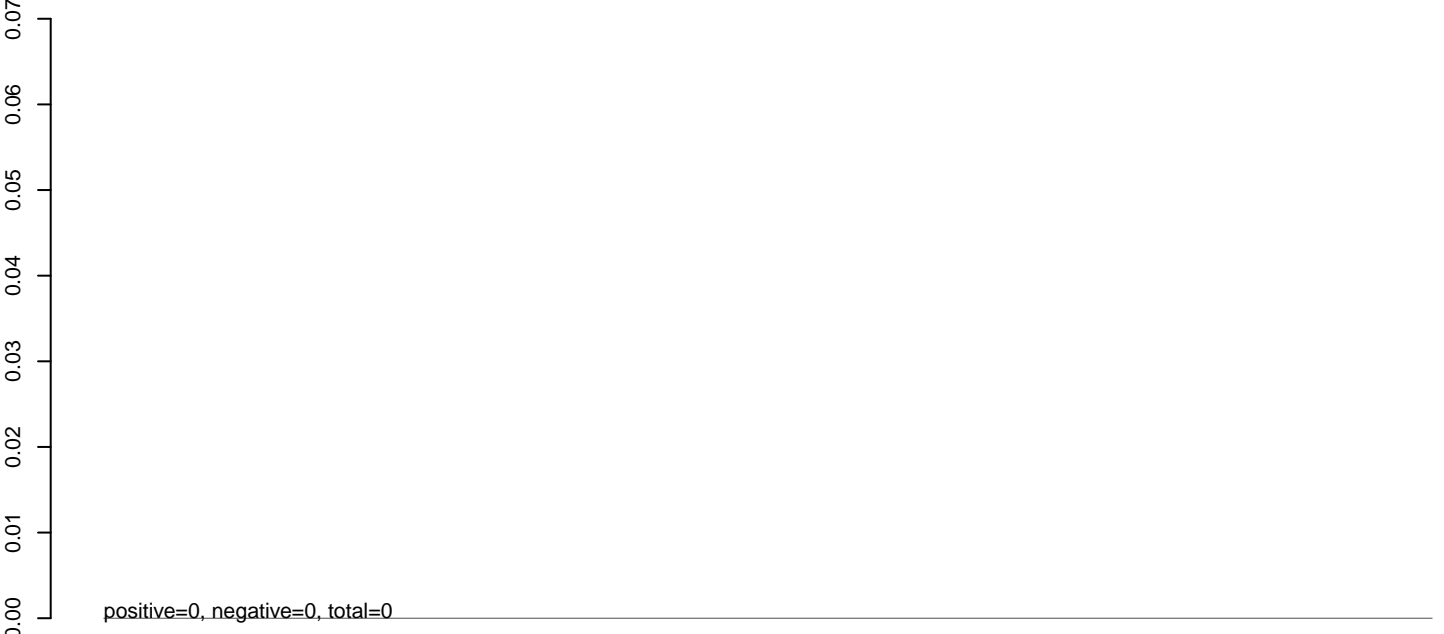
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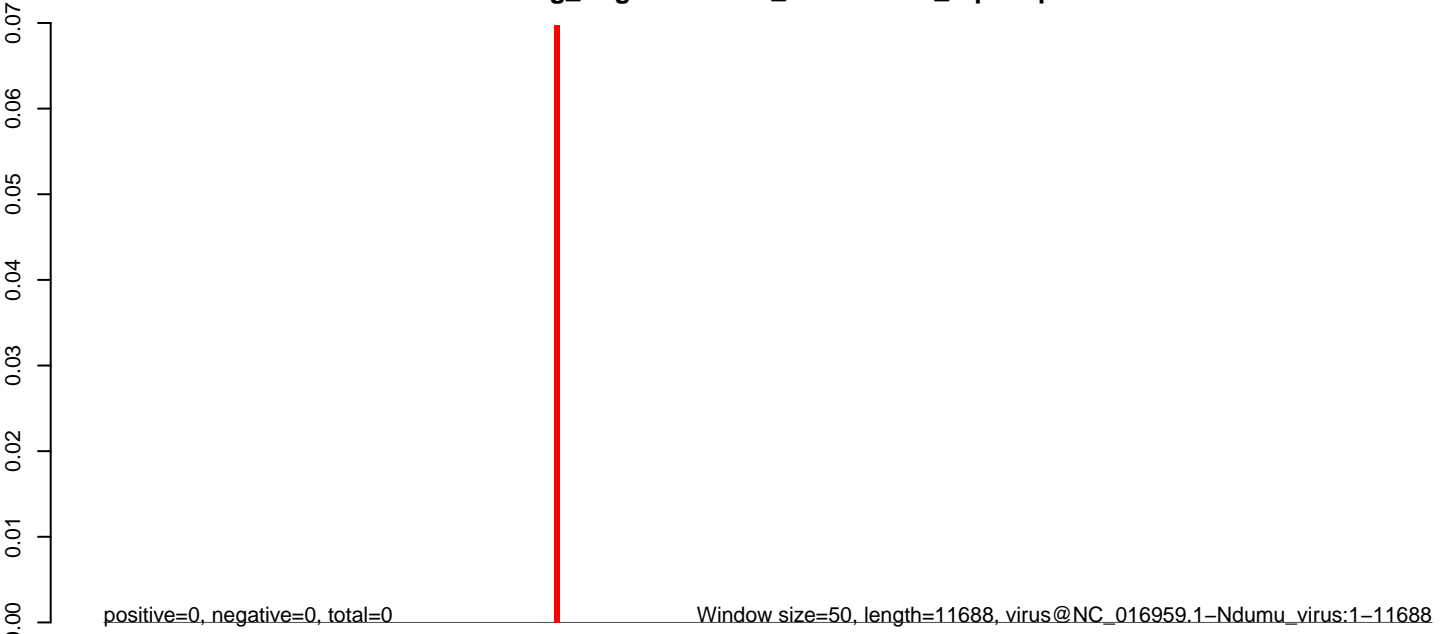
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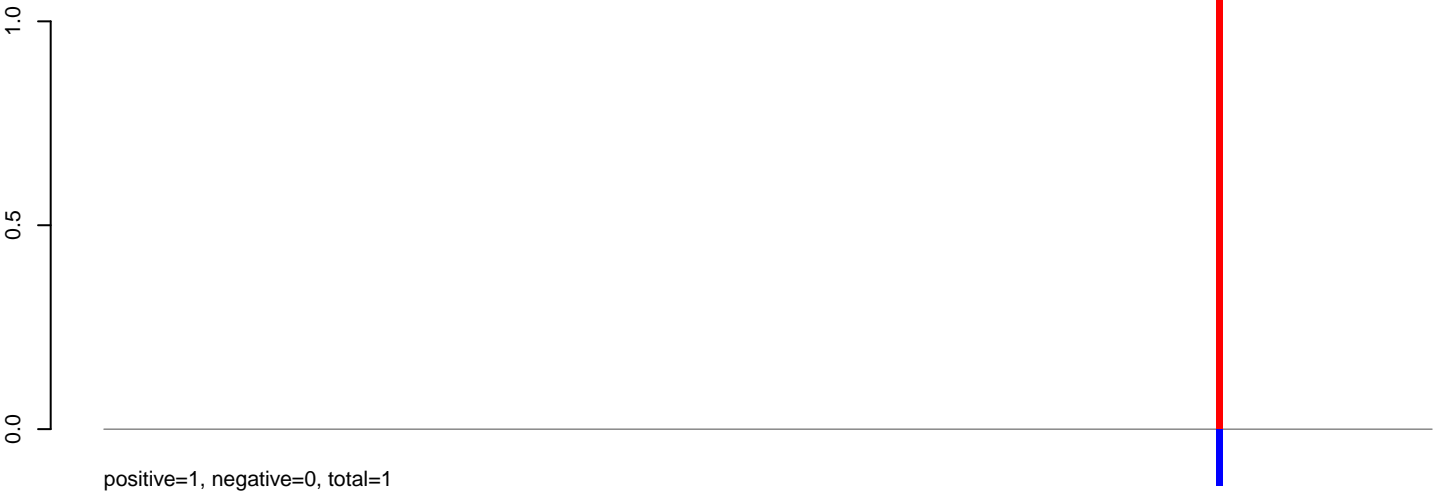
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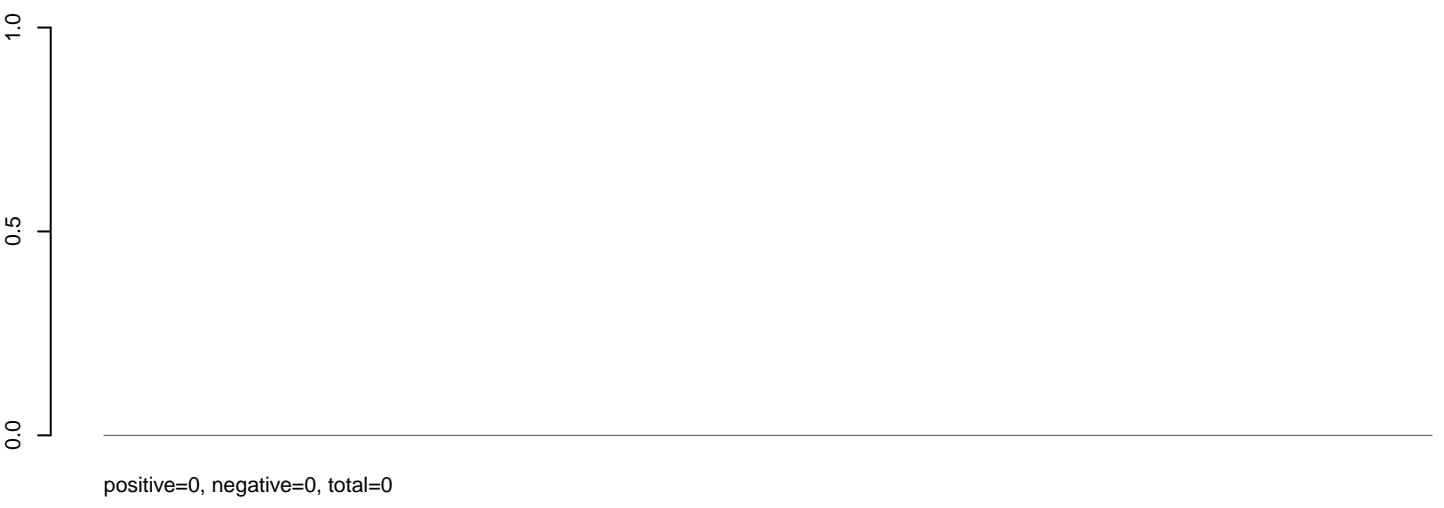
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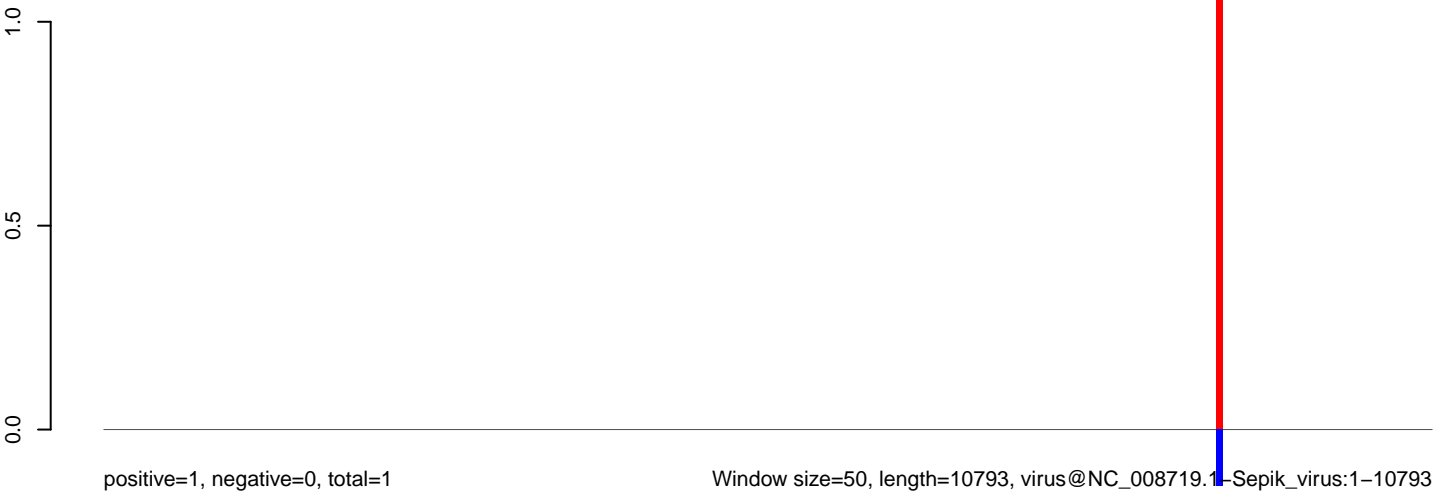
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

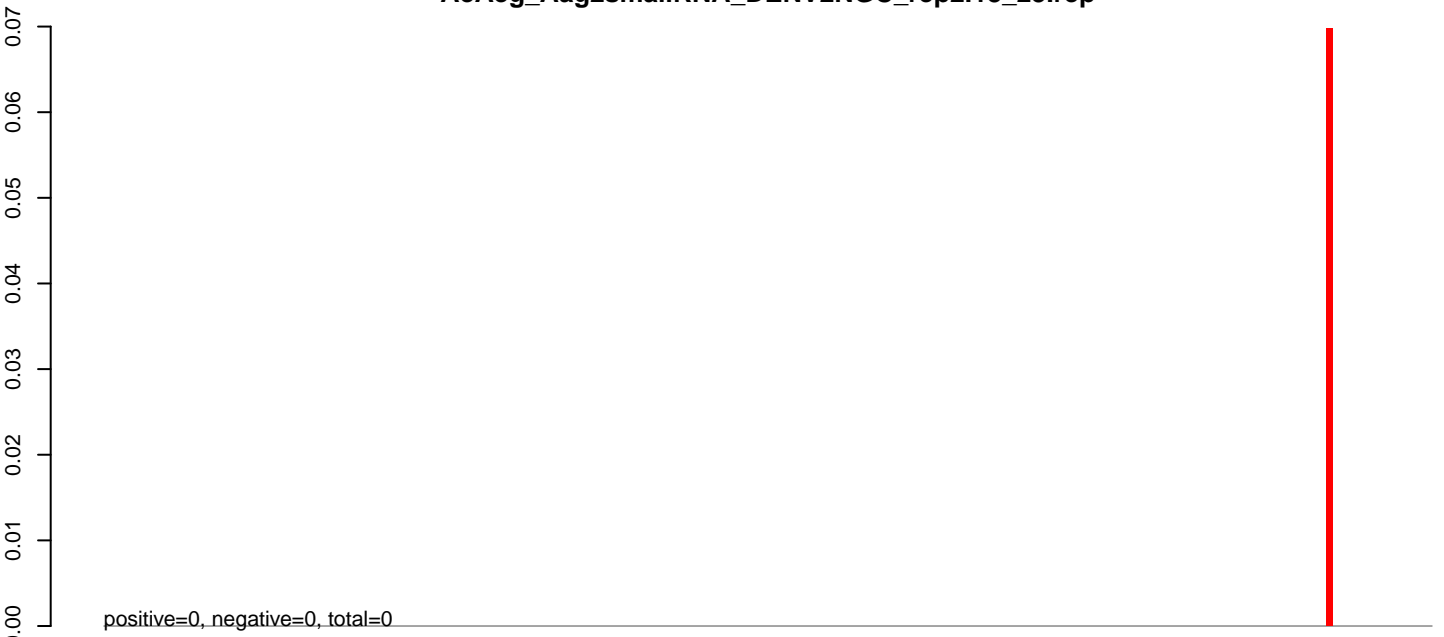


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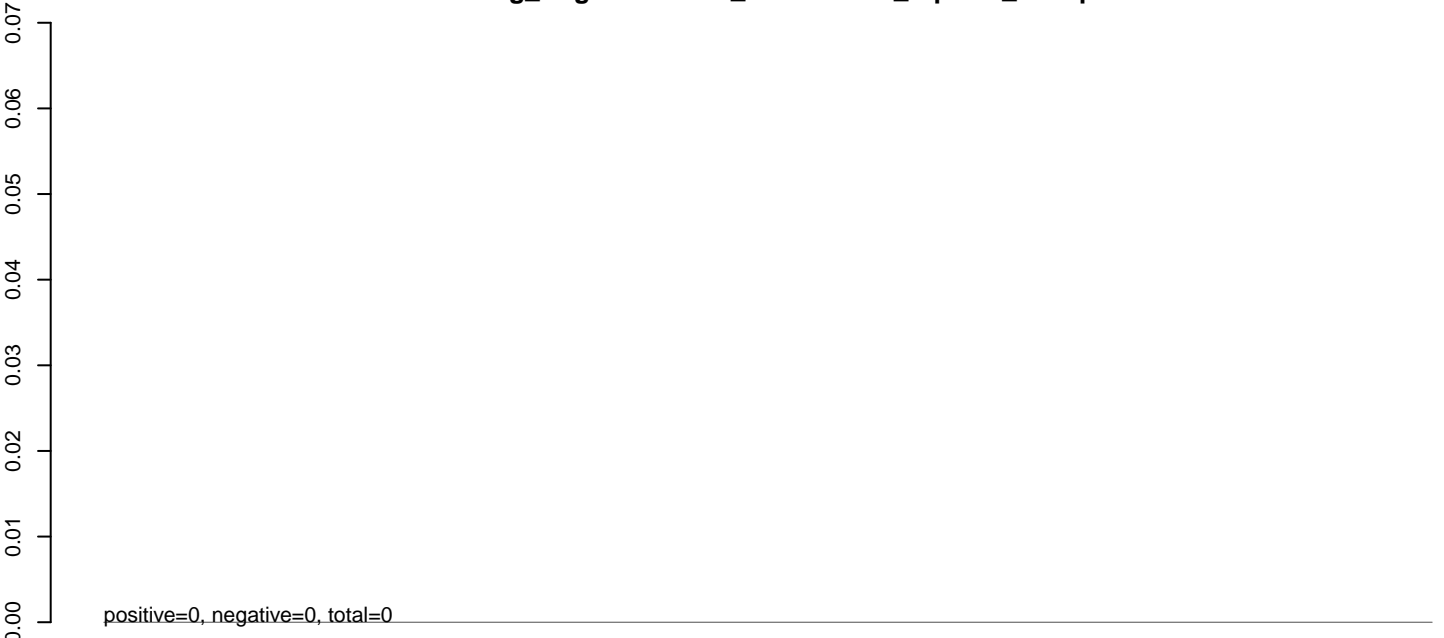
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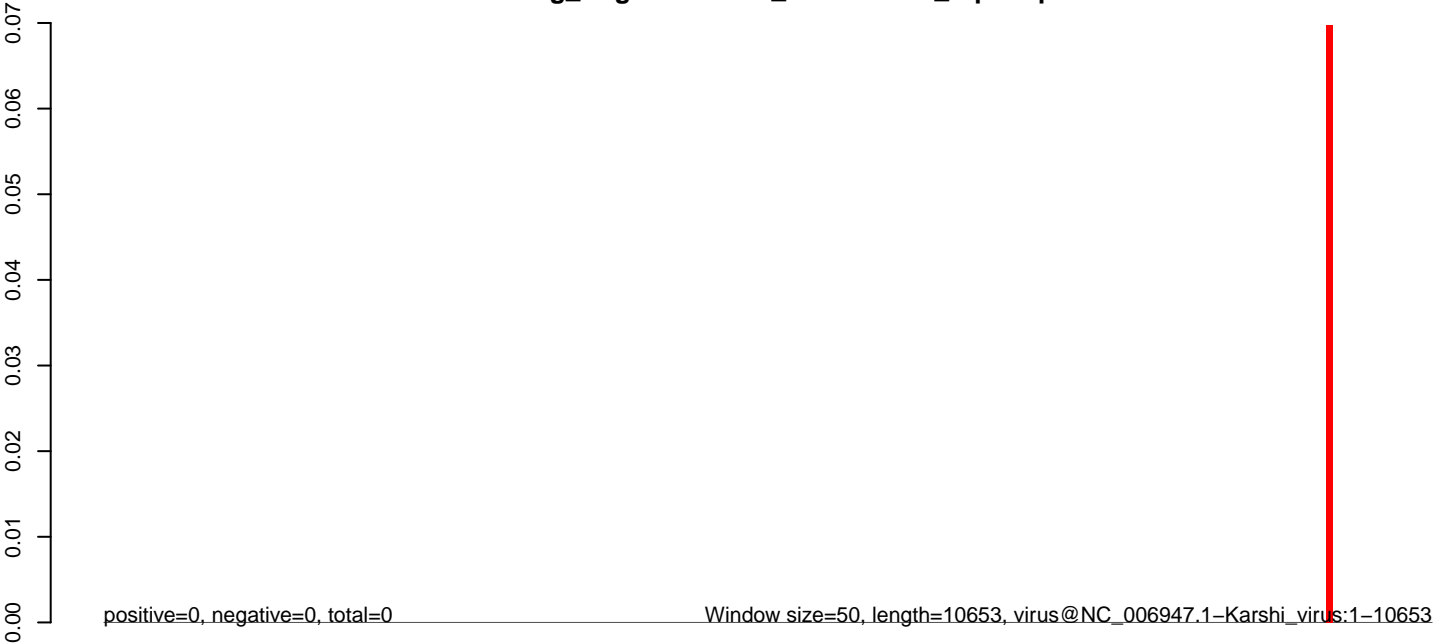
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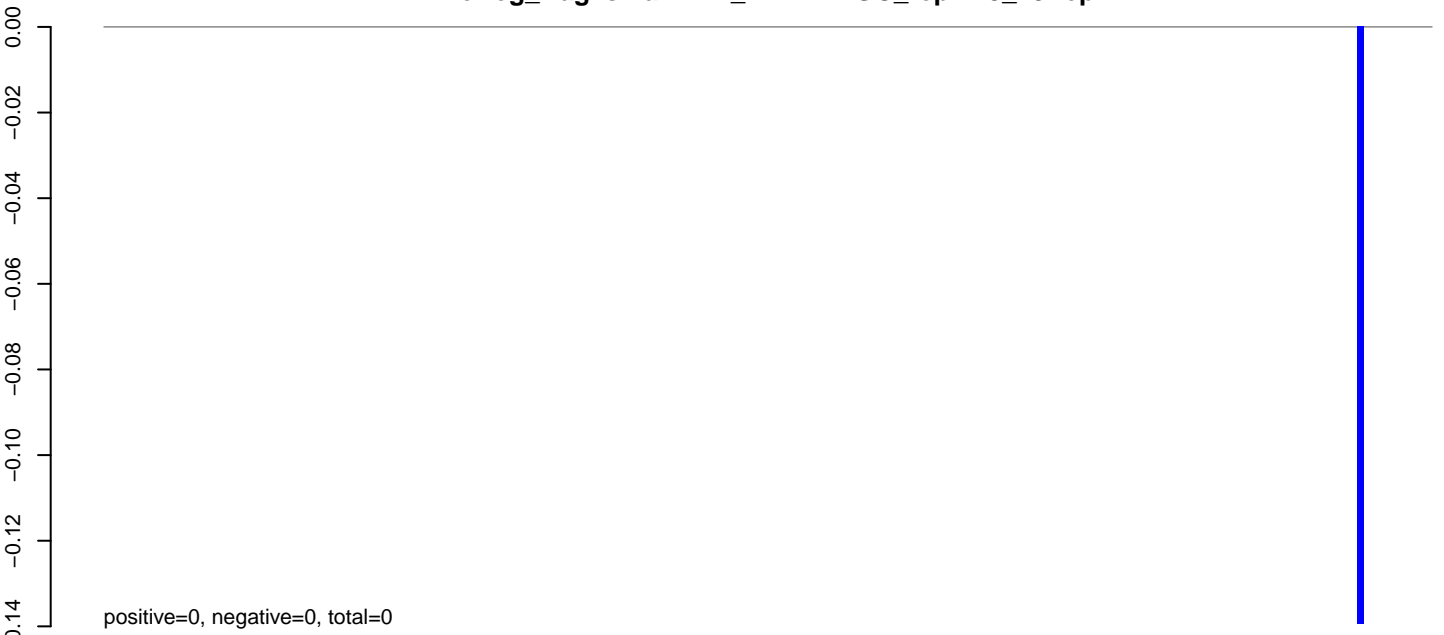
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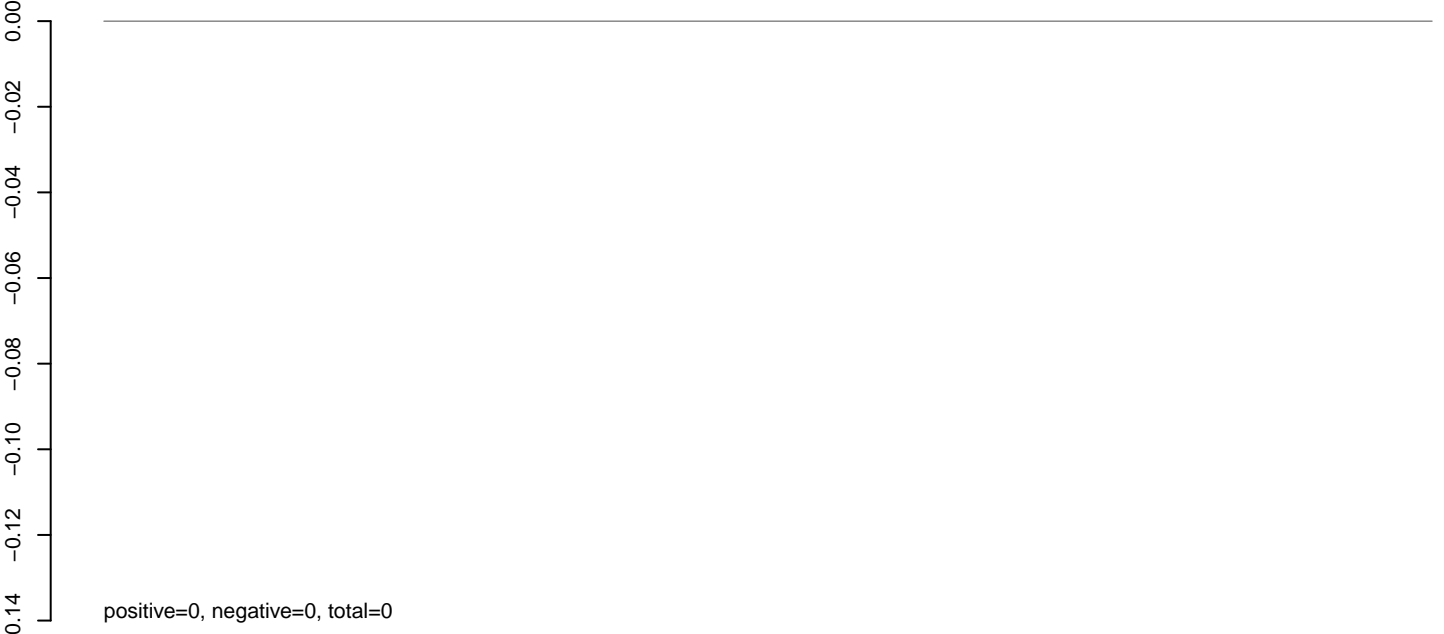
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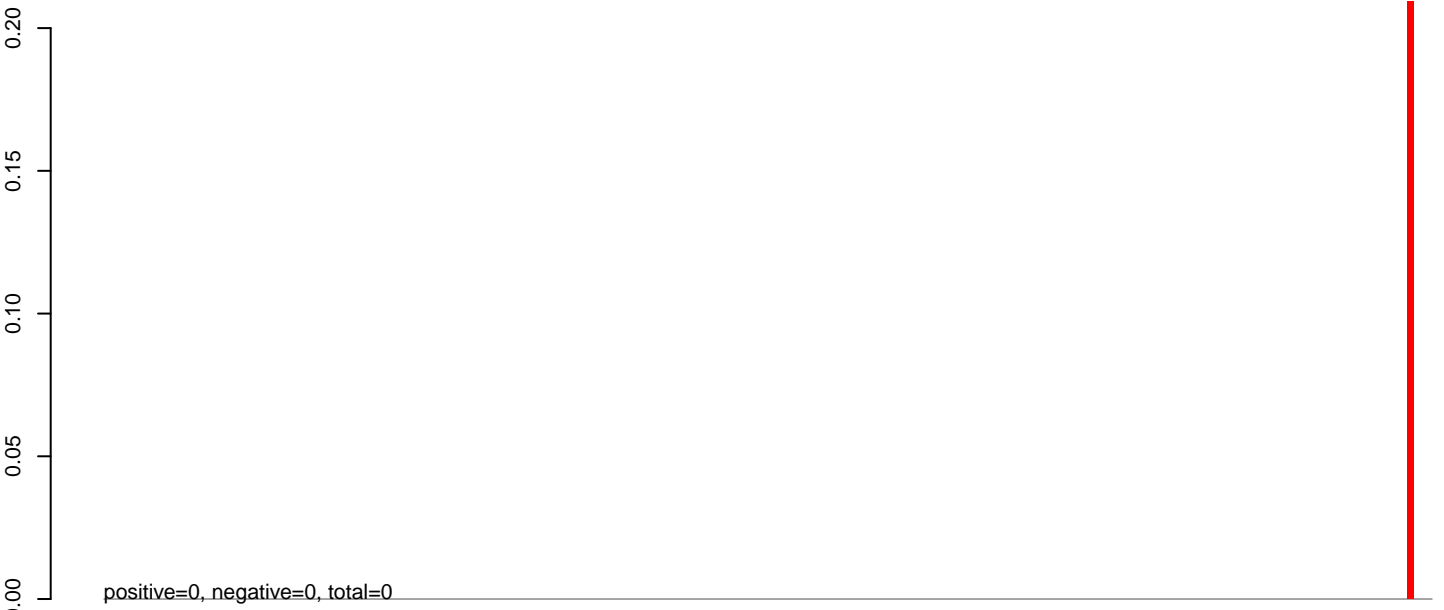
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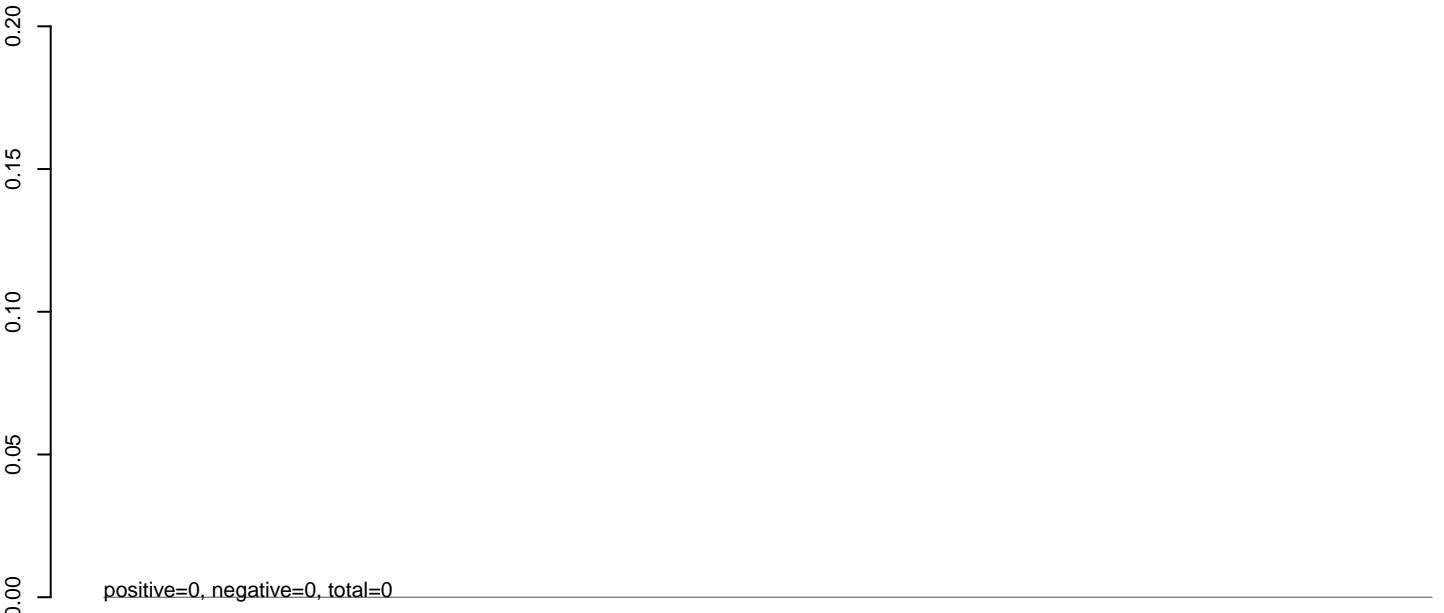
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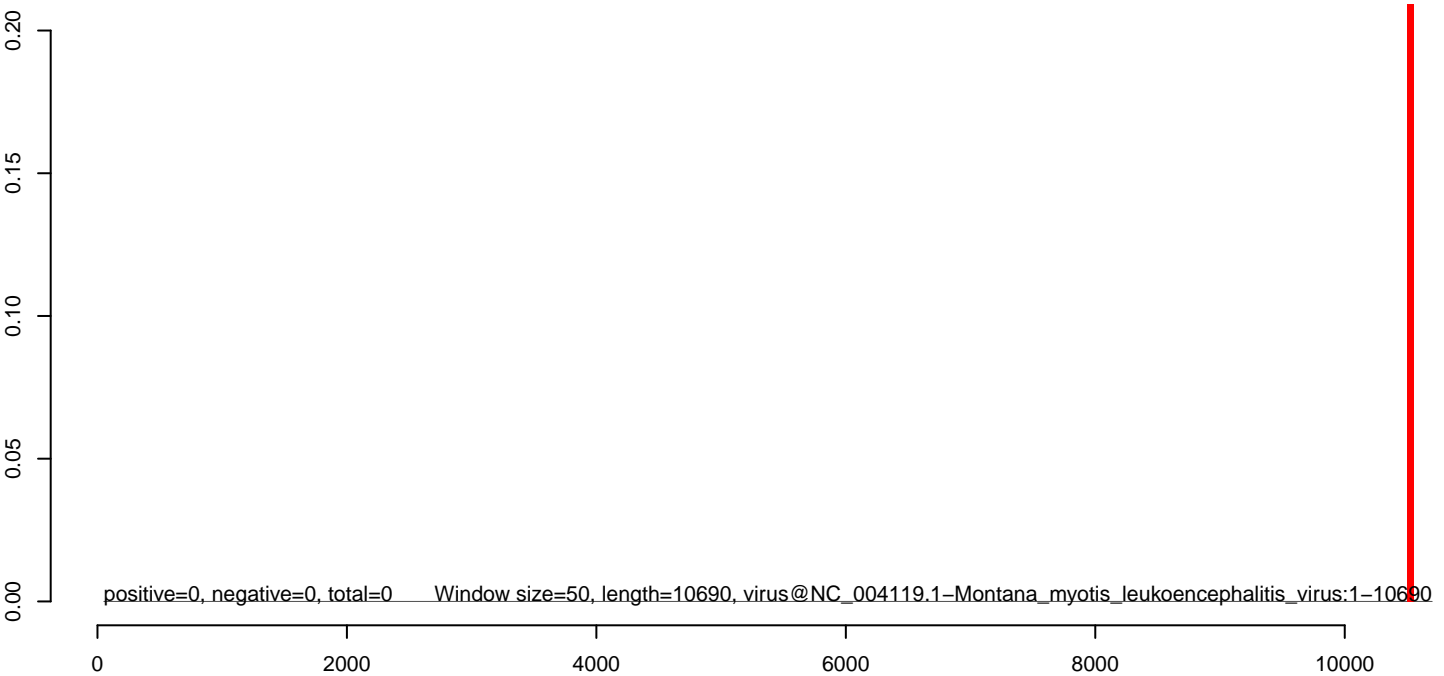
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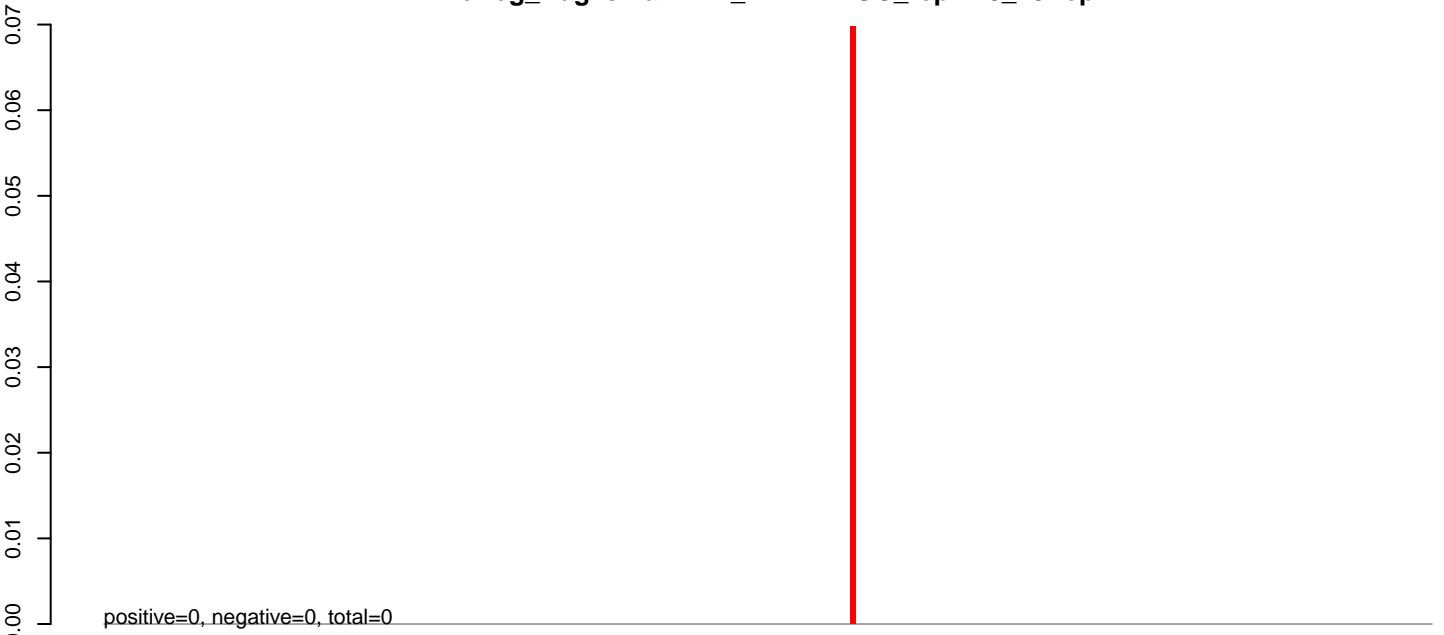
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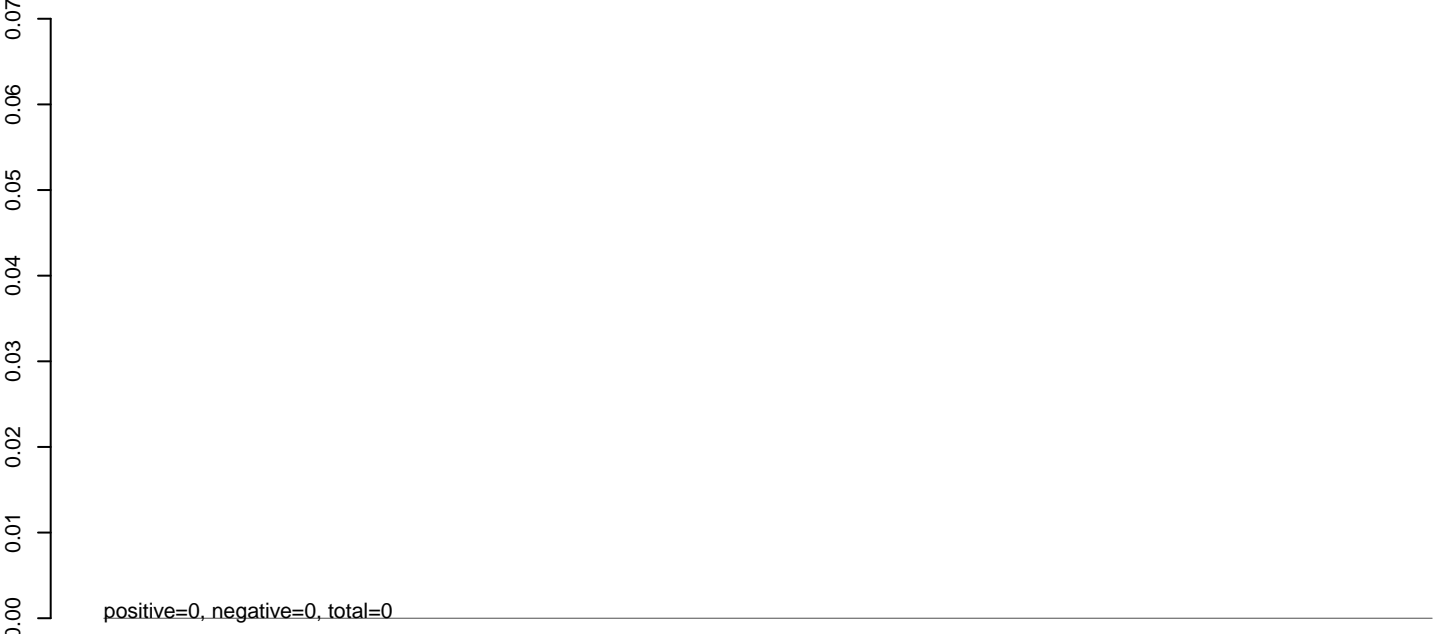
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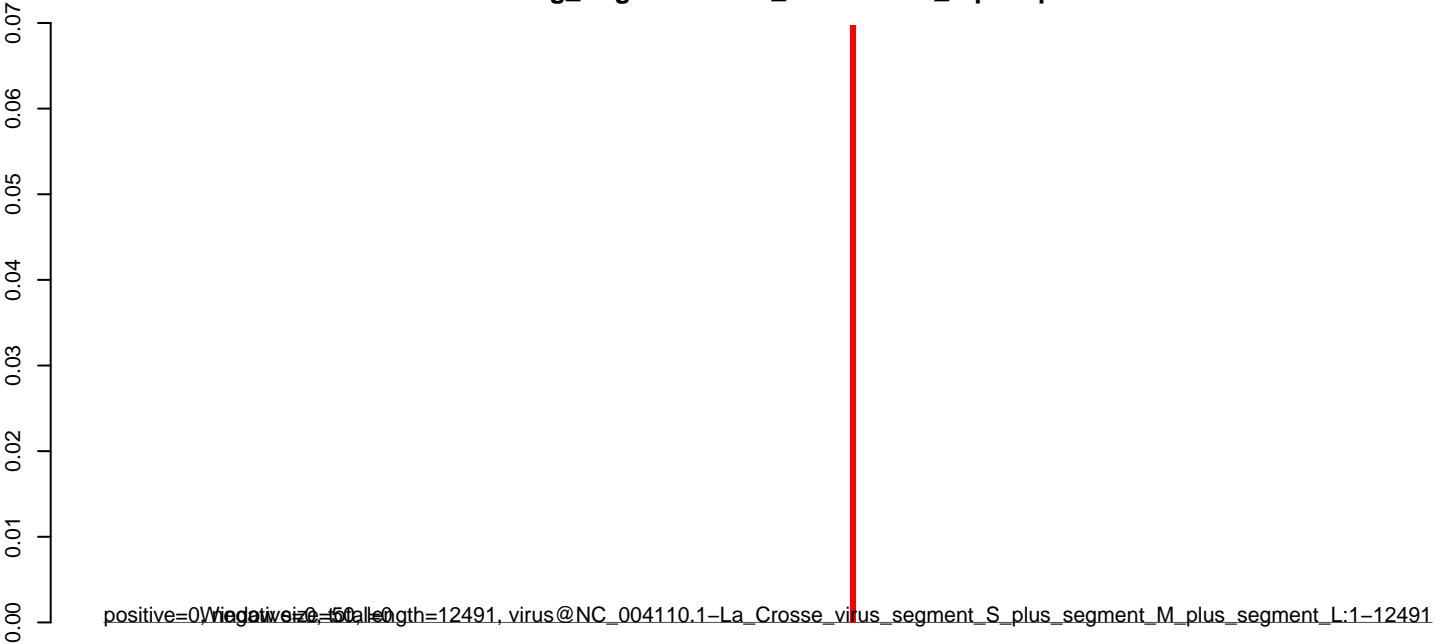
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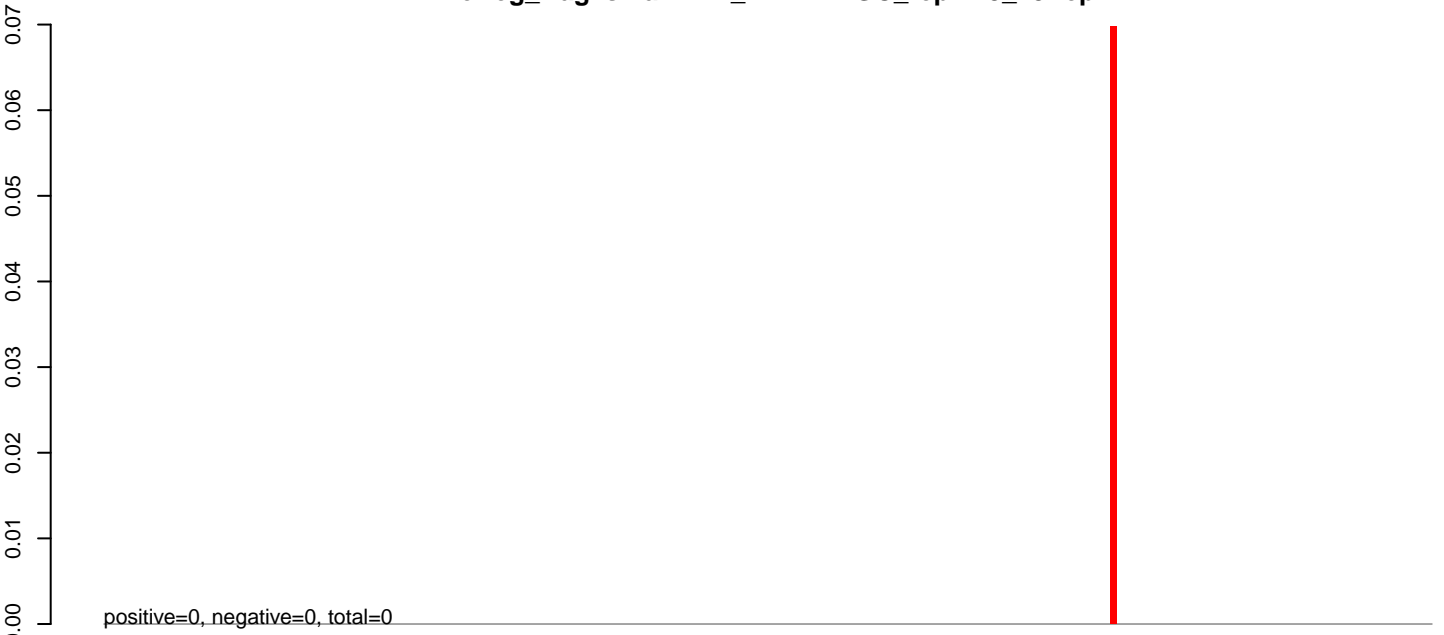


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

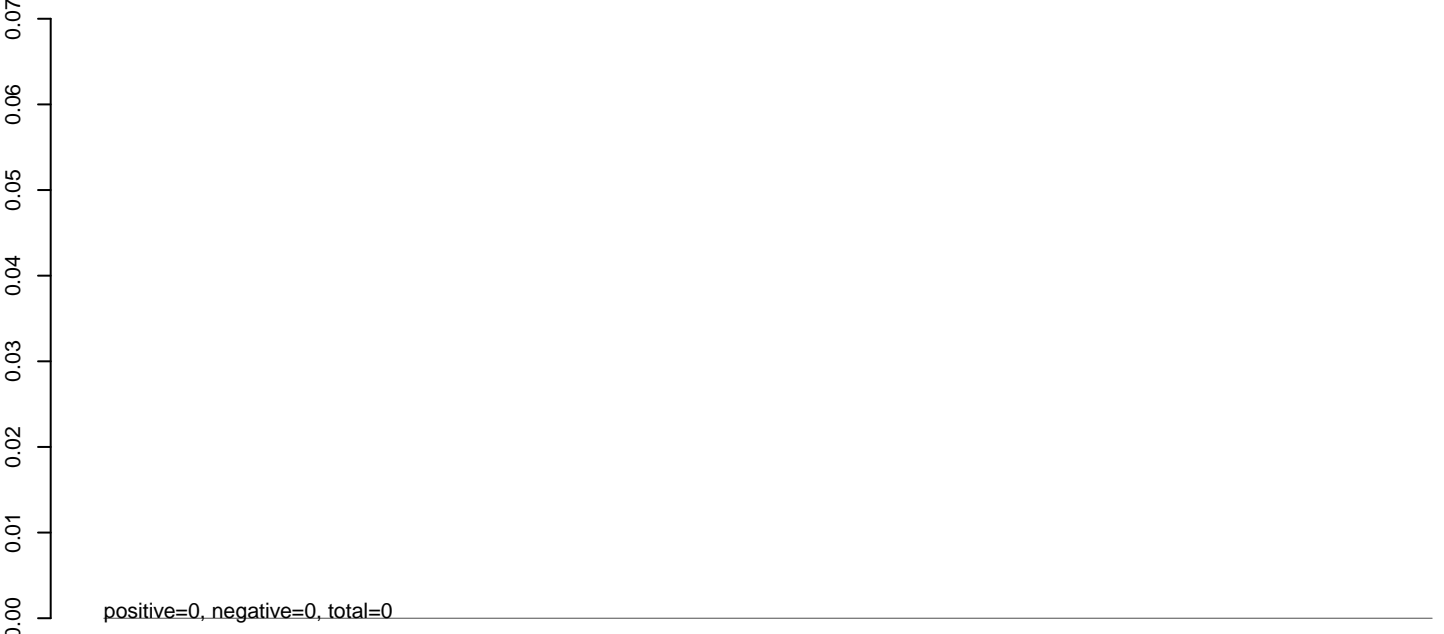


0 2000 4000 6000 8000 10000 12000

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

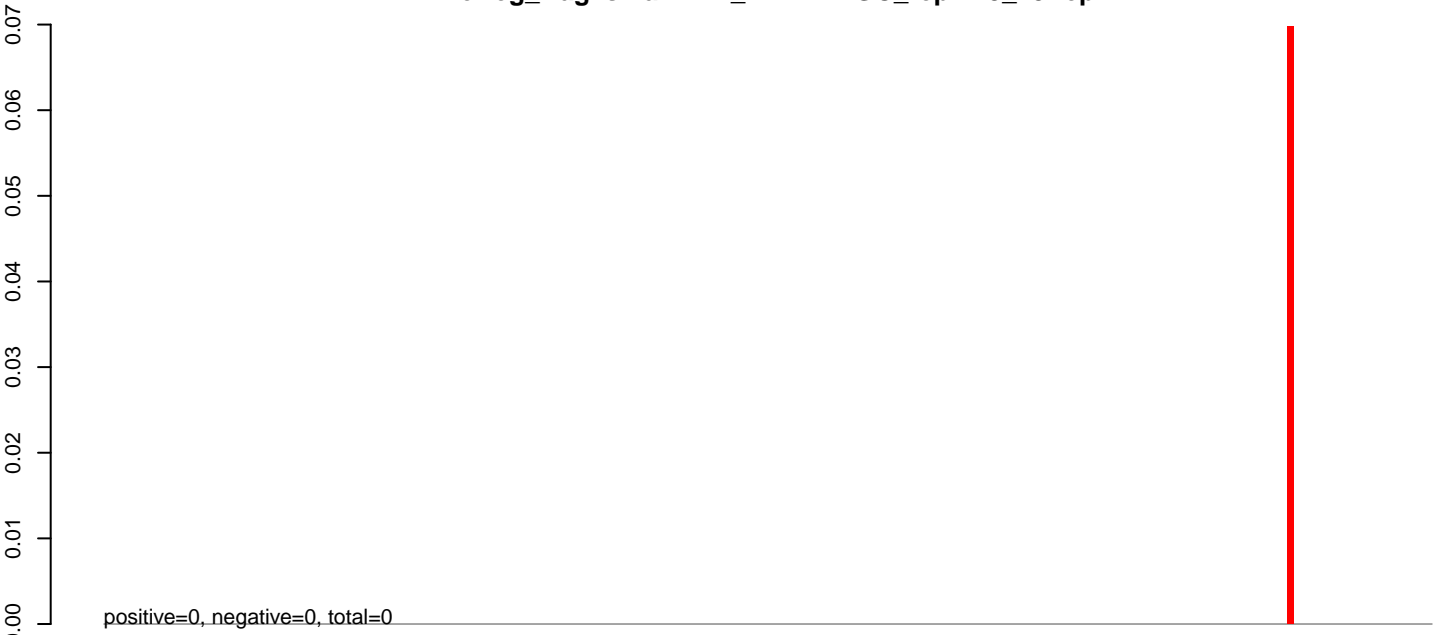


**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

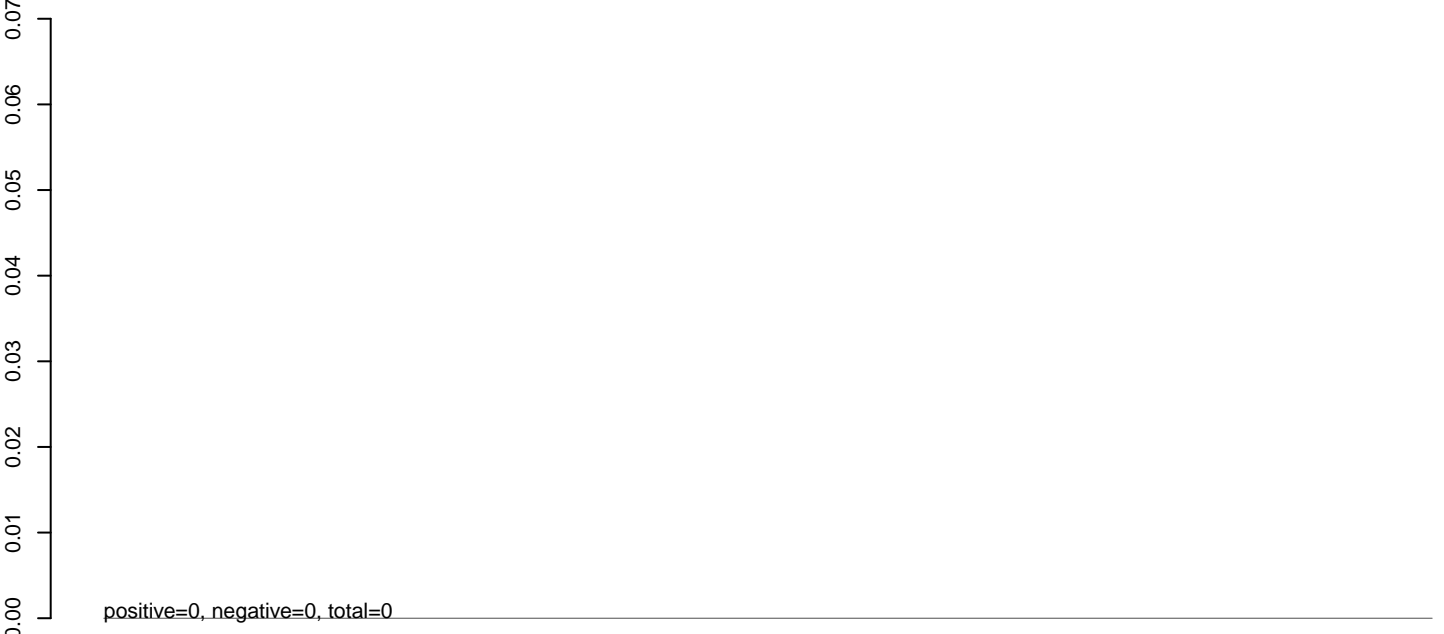


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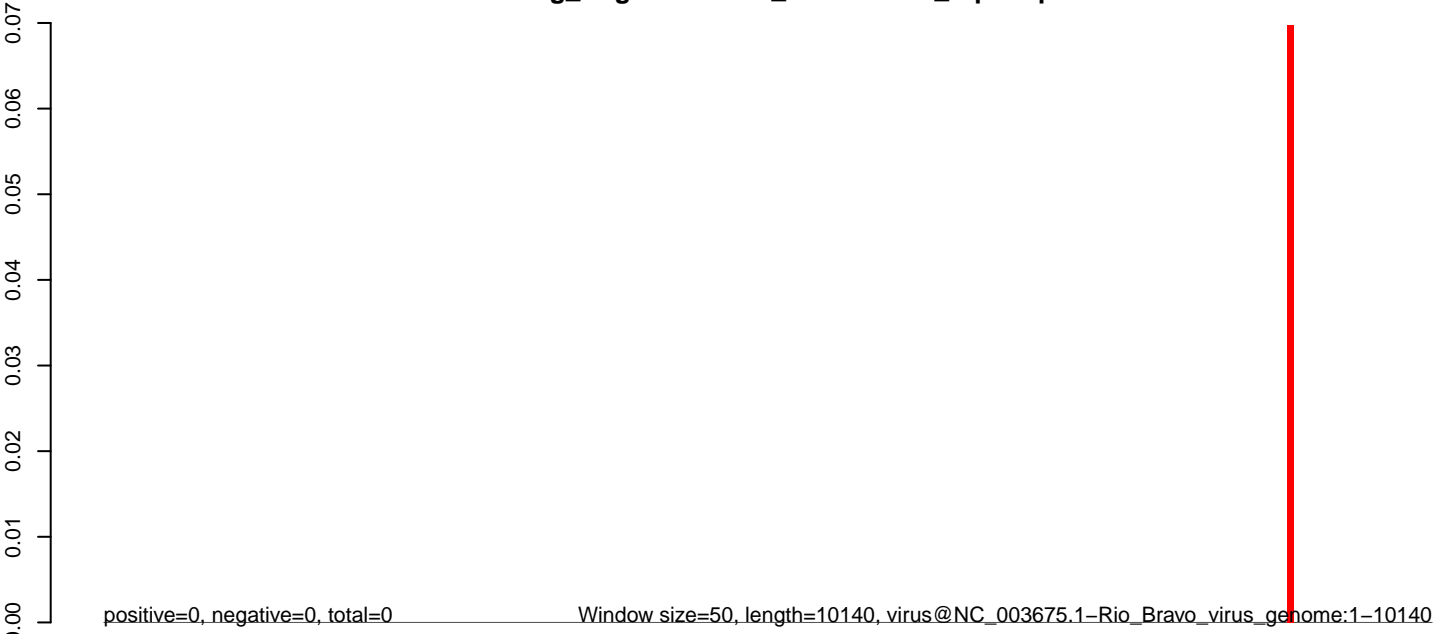
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



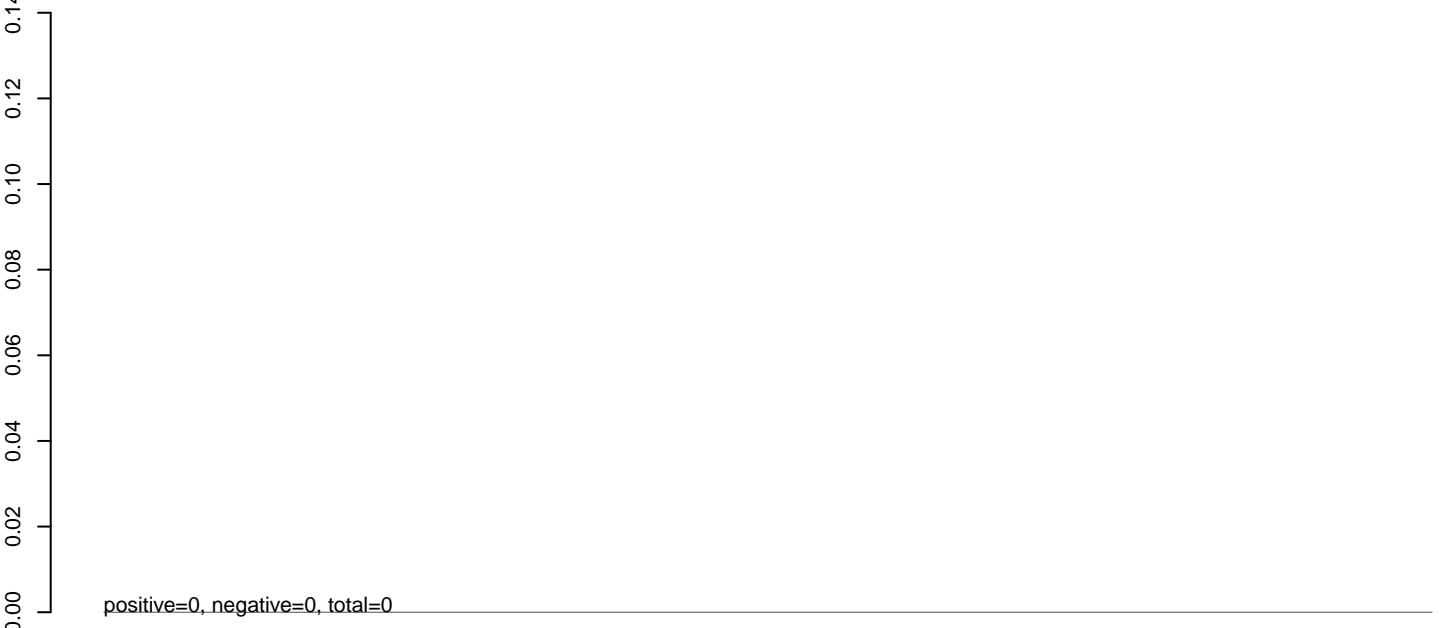
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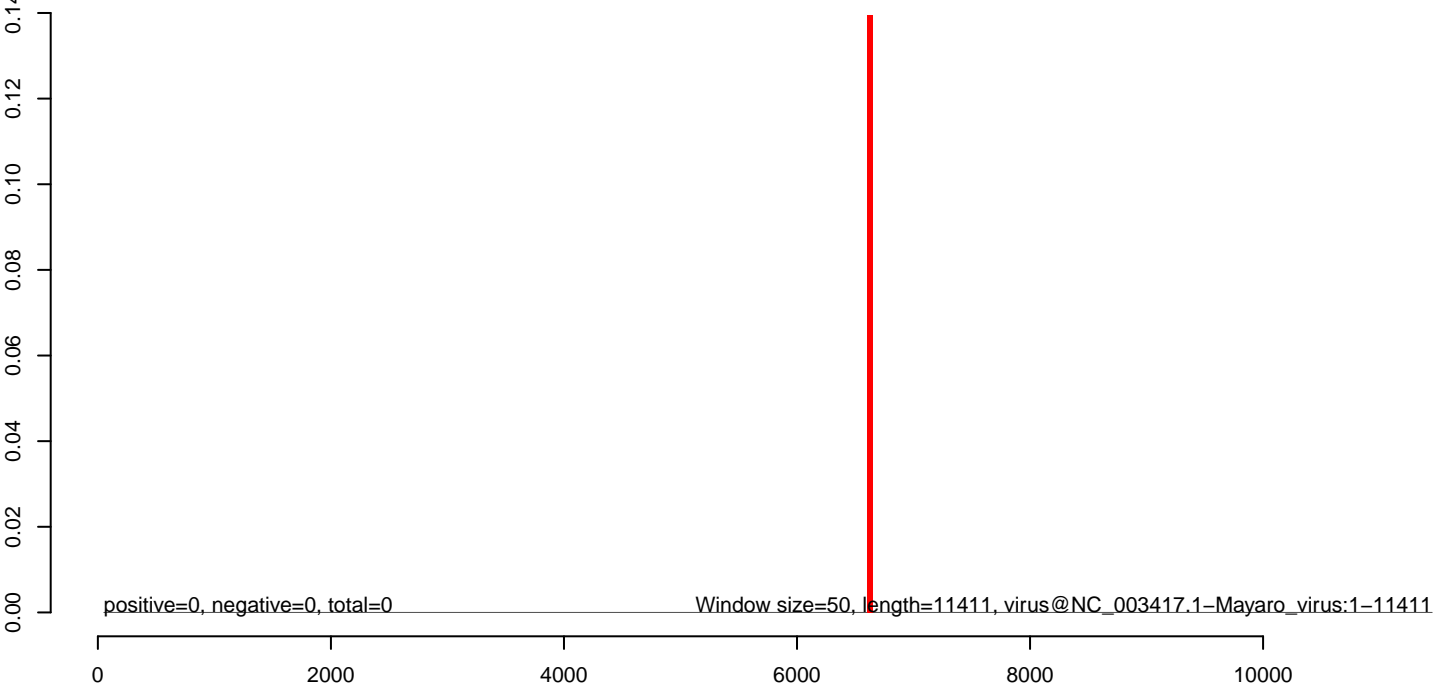
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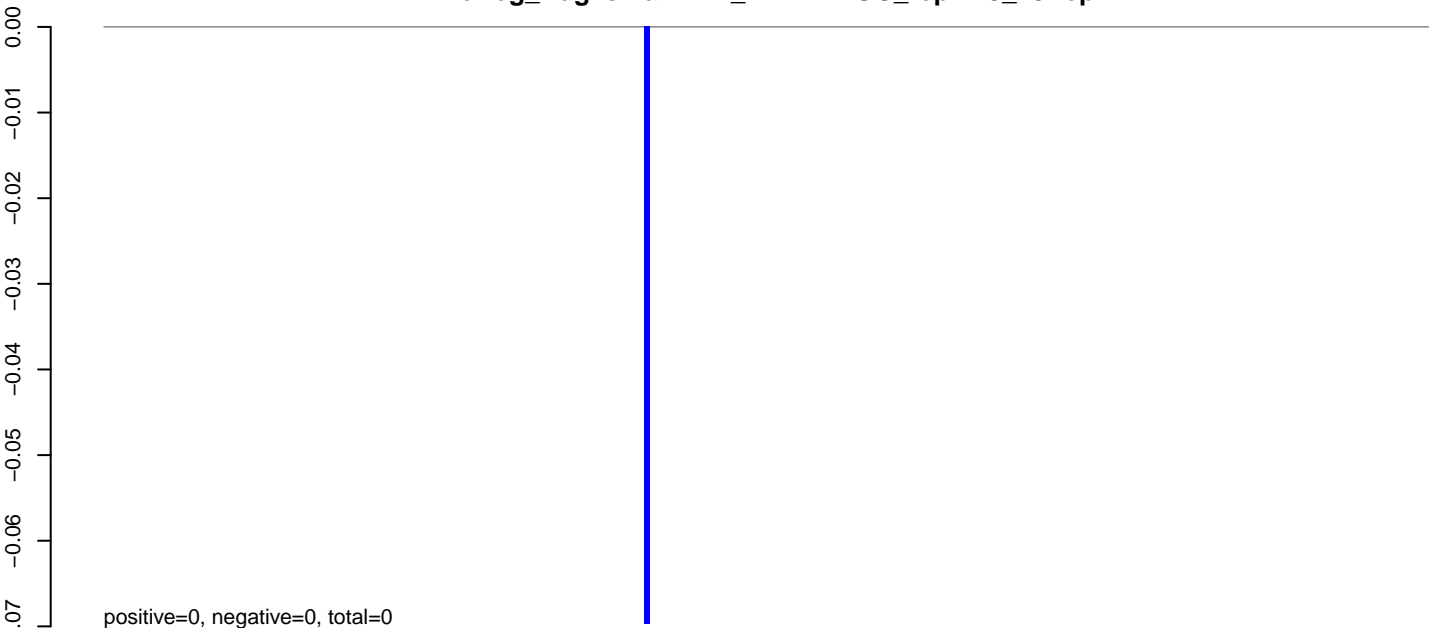
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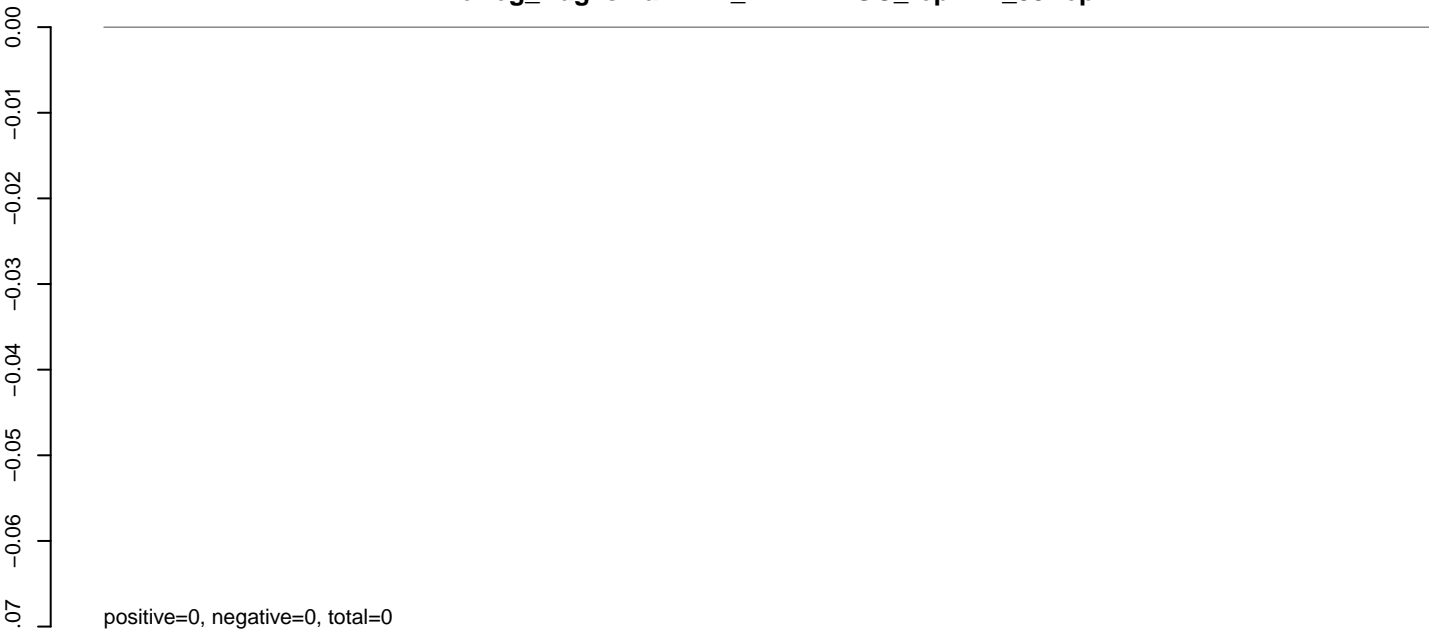
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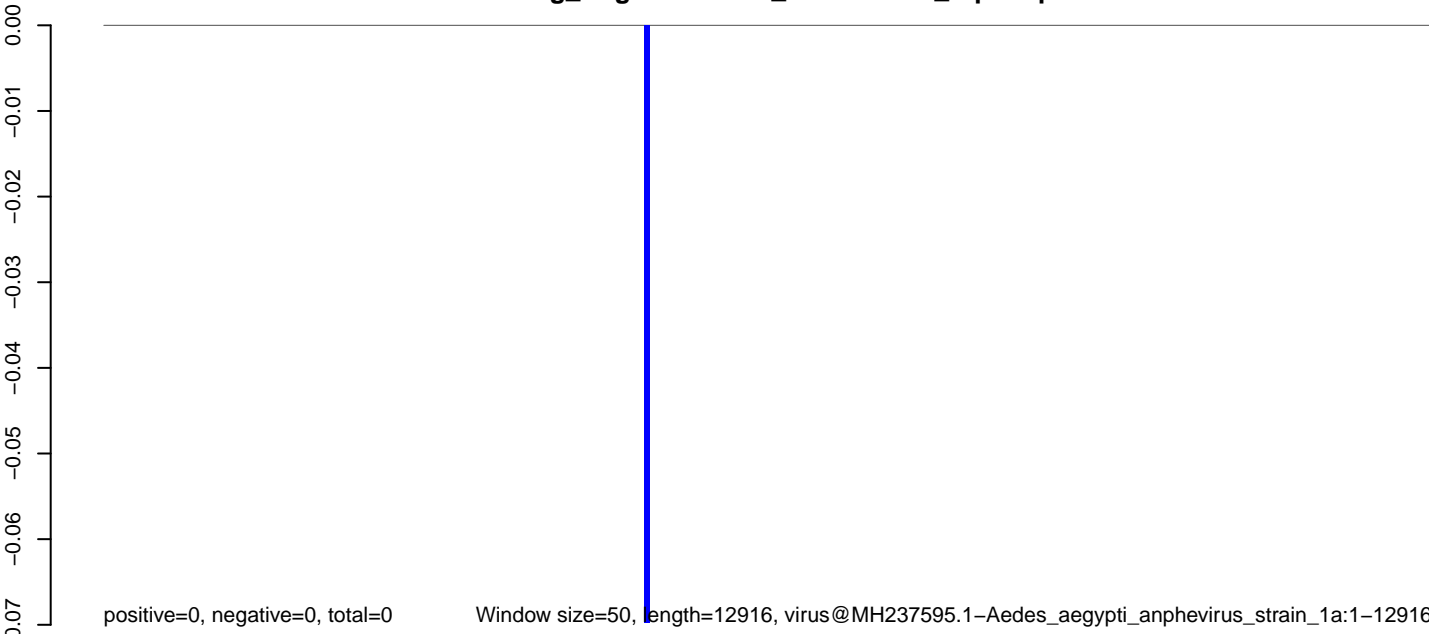
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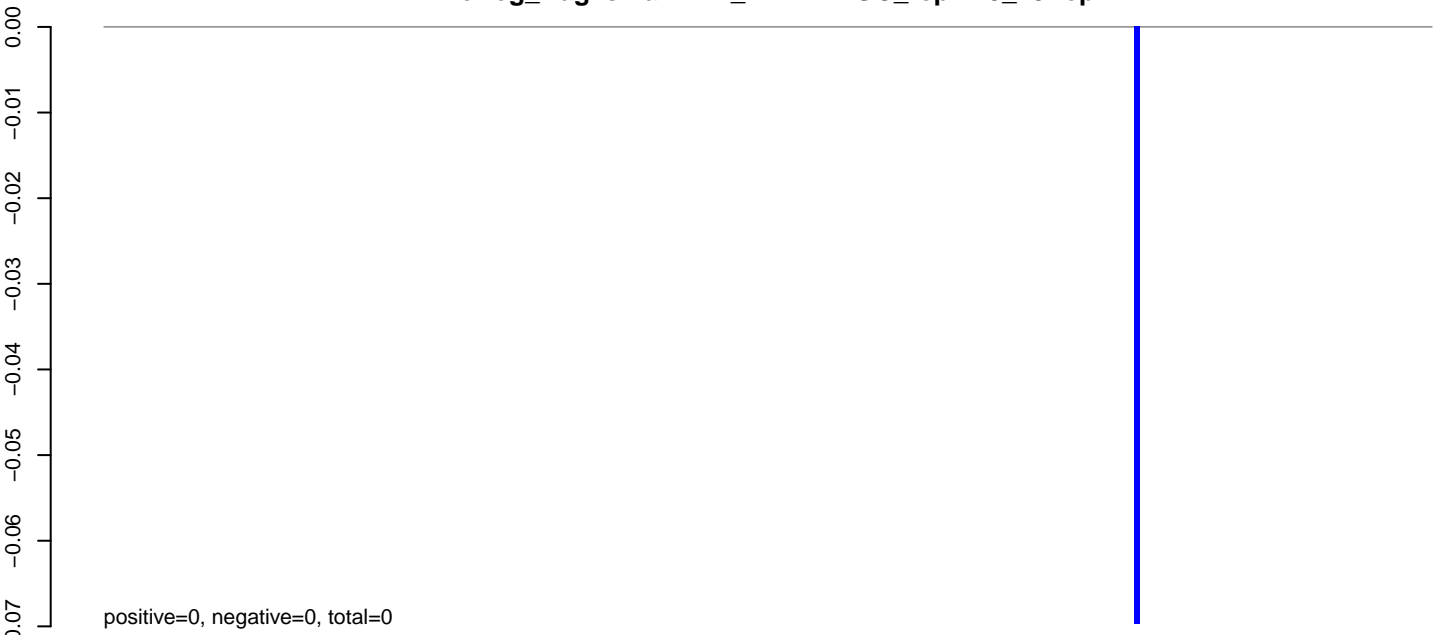
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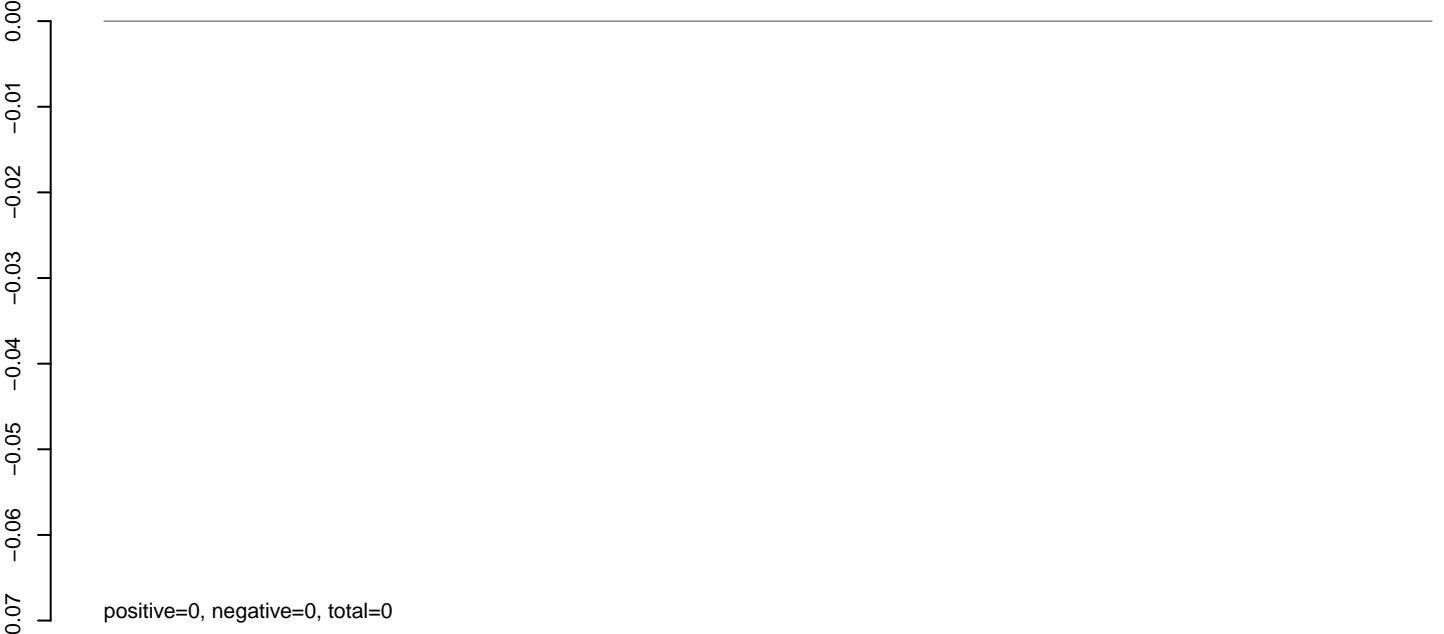
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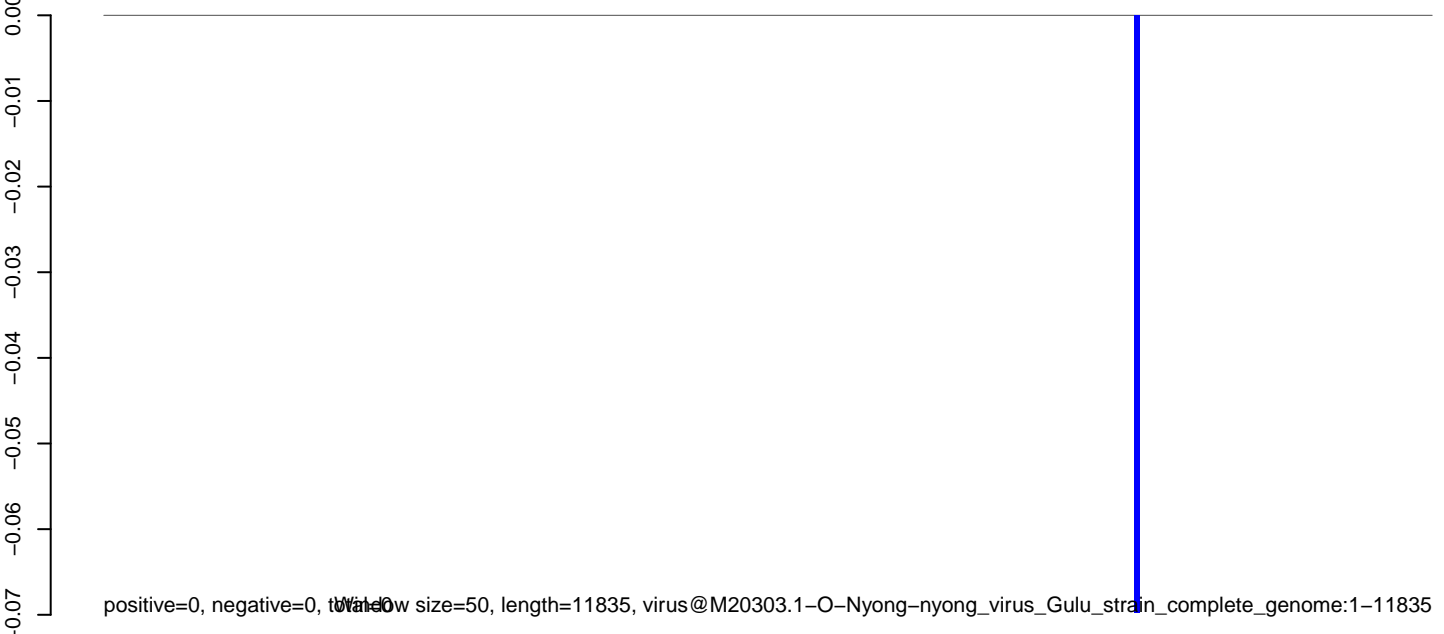
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

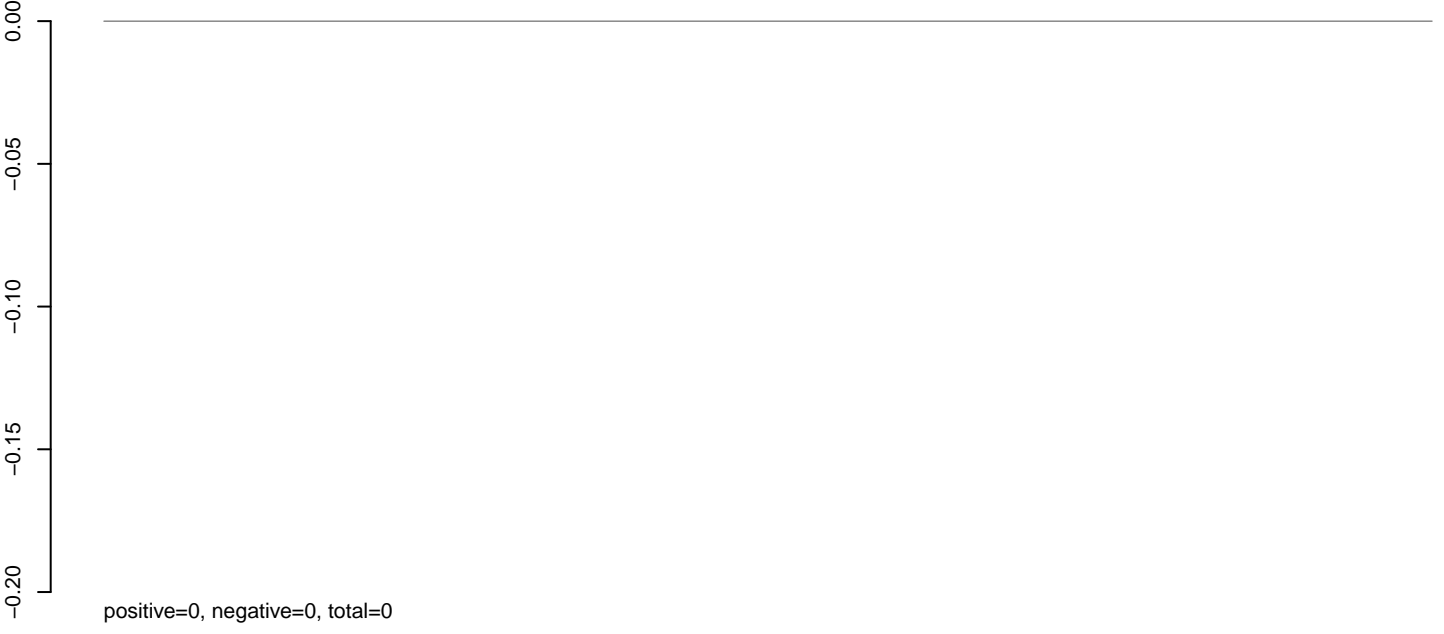


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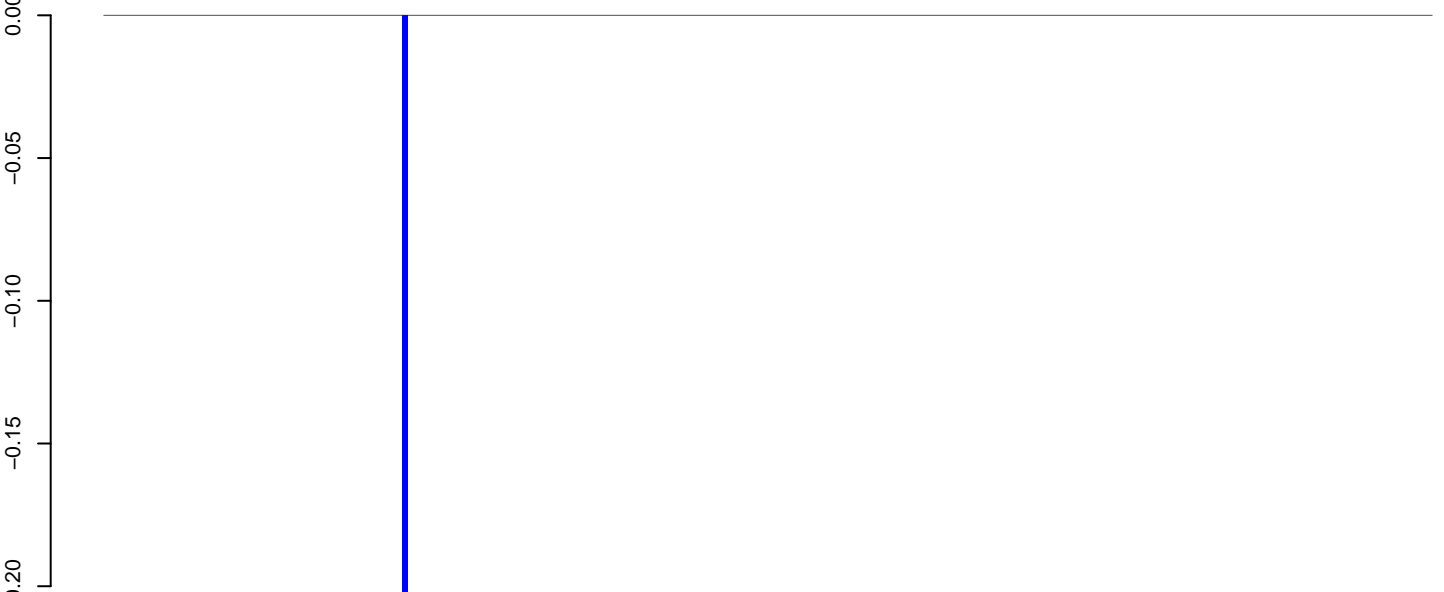
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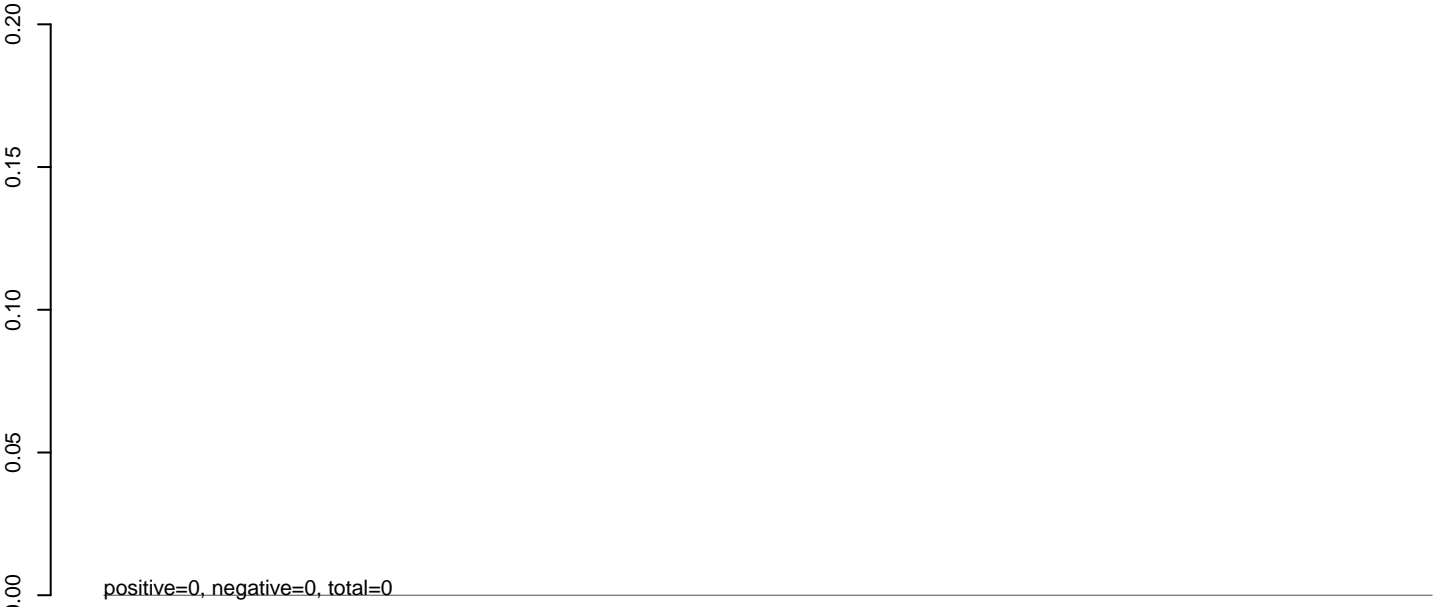
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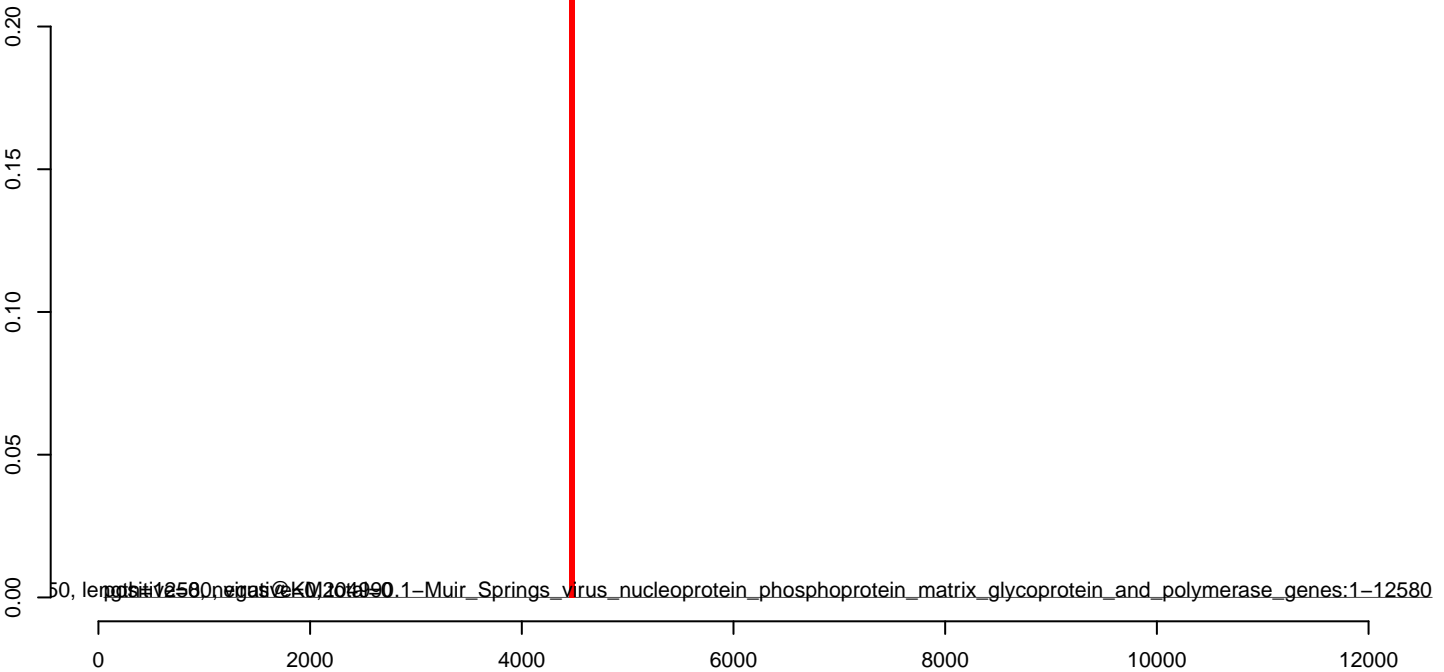
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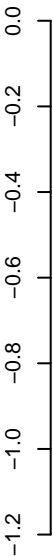
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

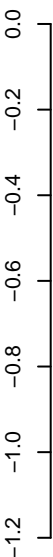


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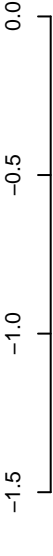
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

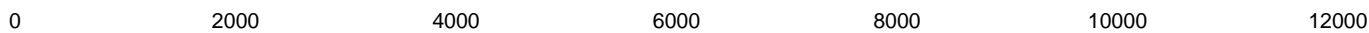


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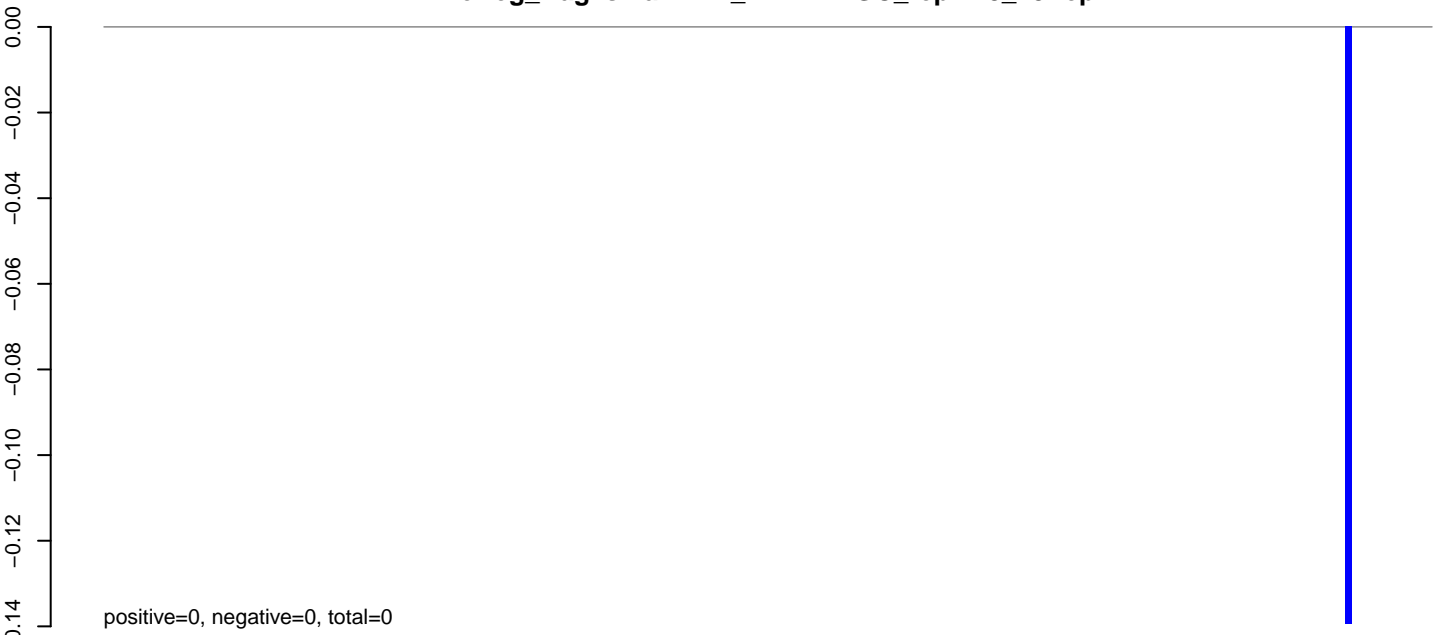
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



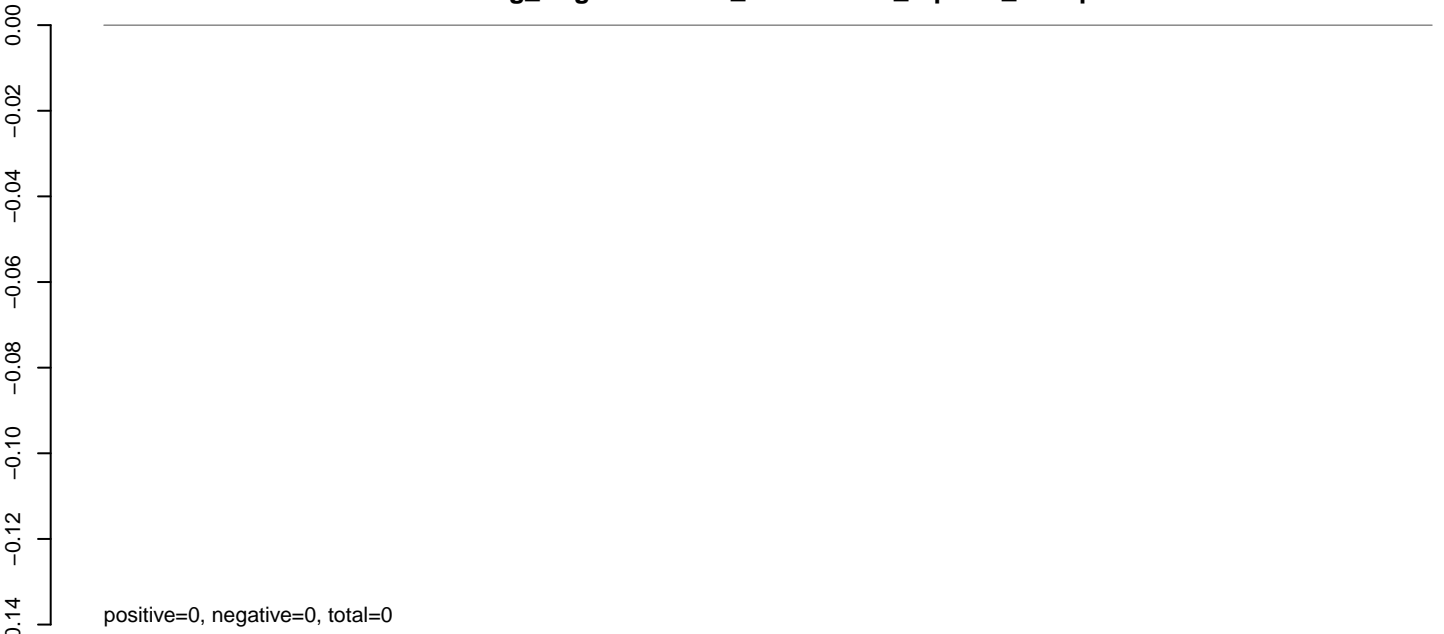
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**

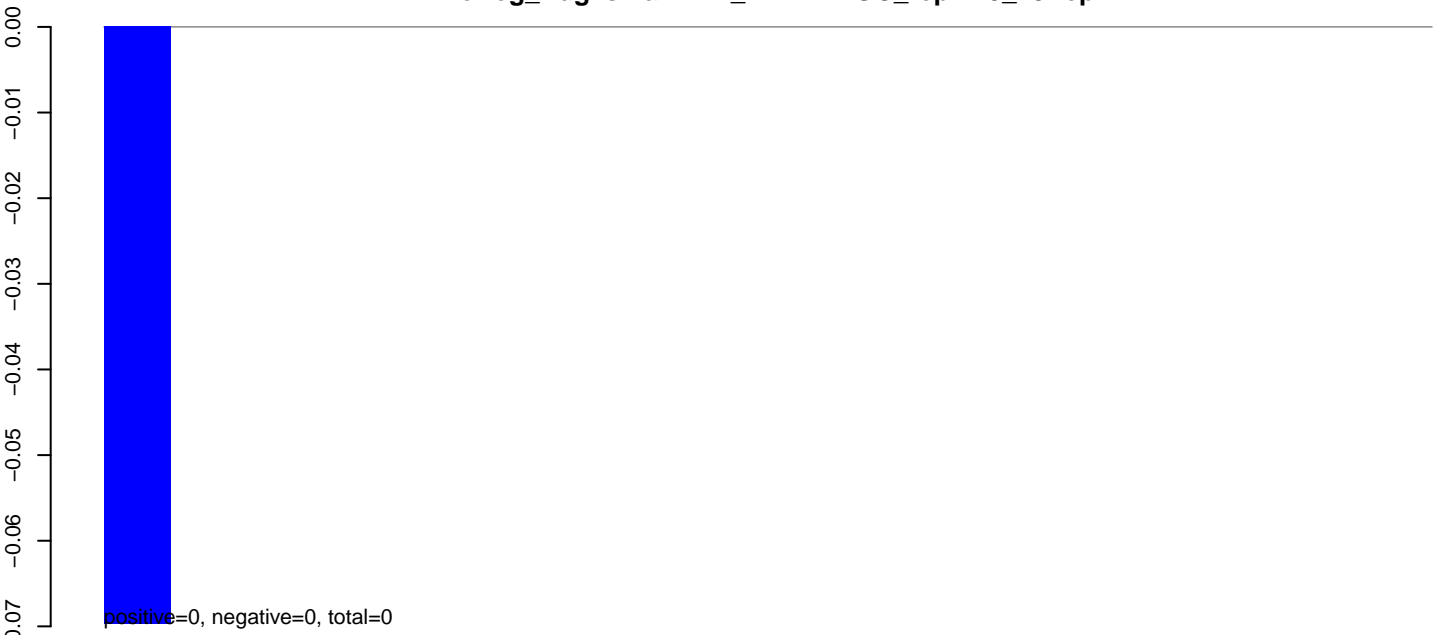


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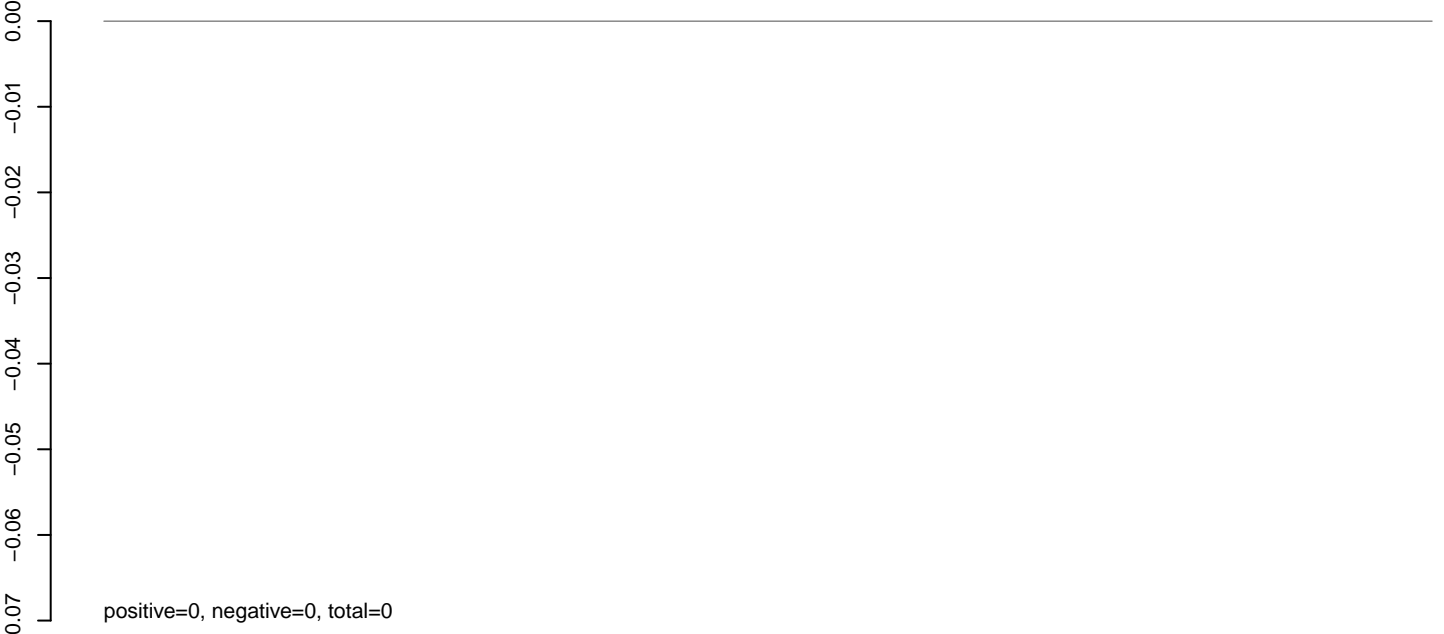


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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



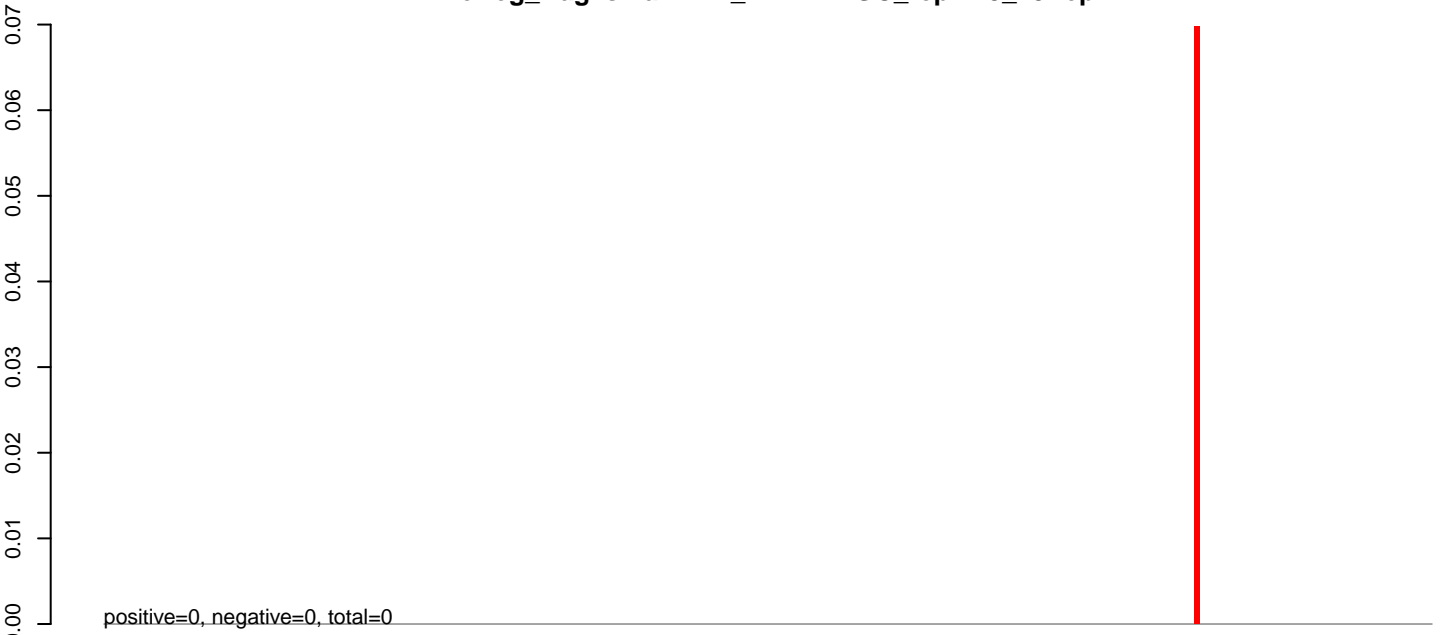
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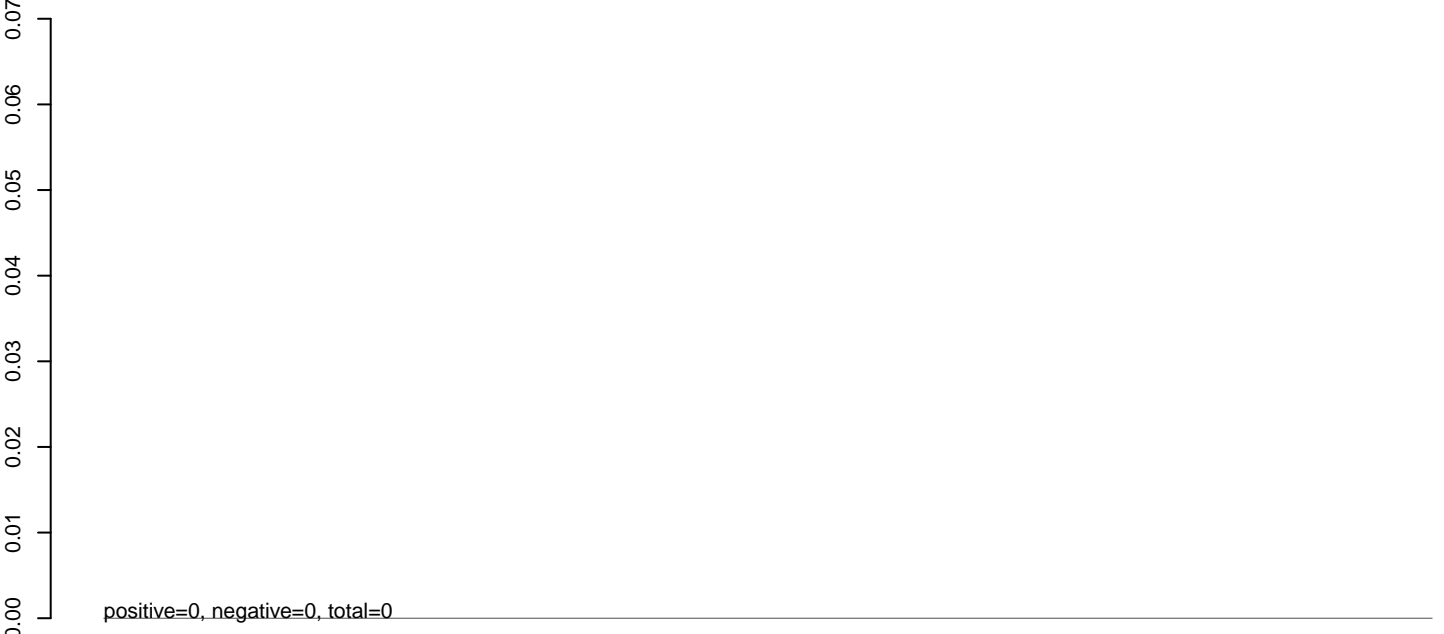
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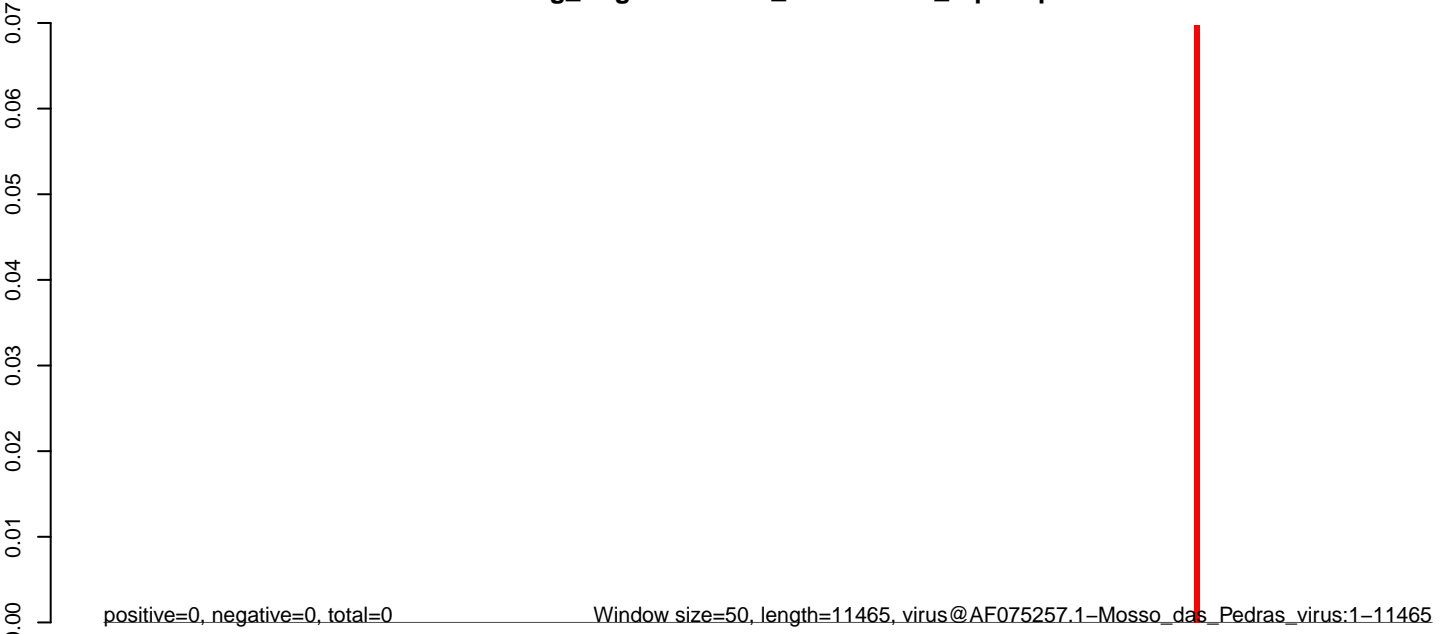
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

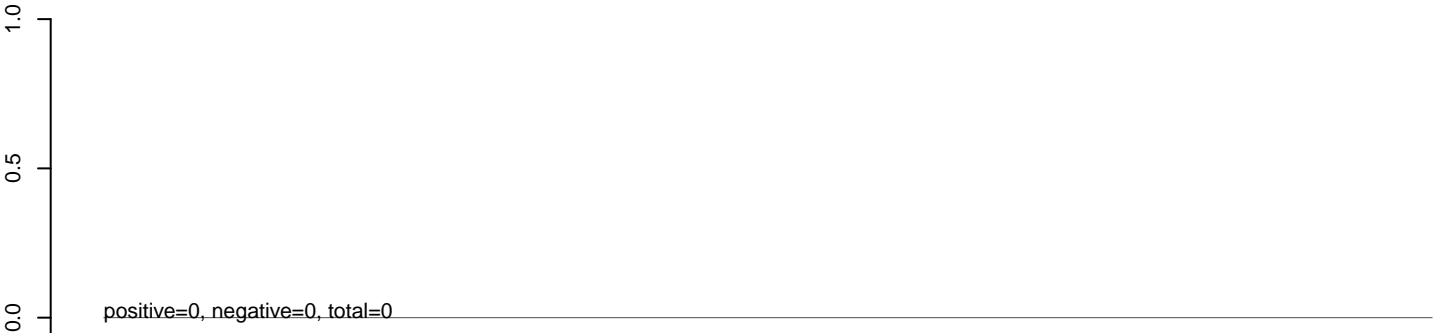


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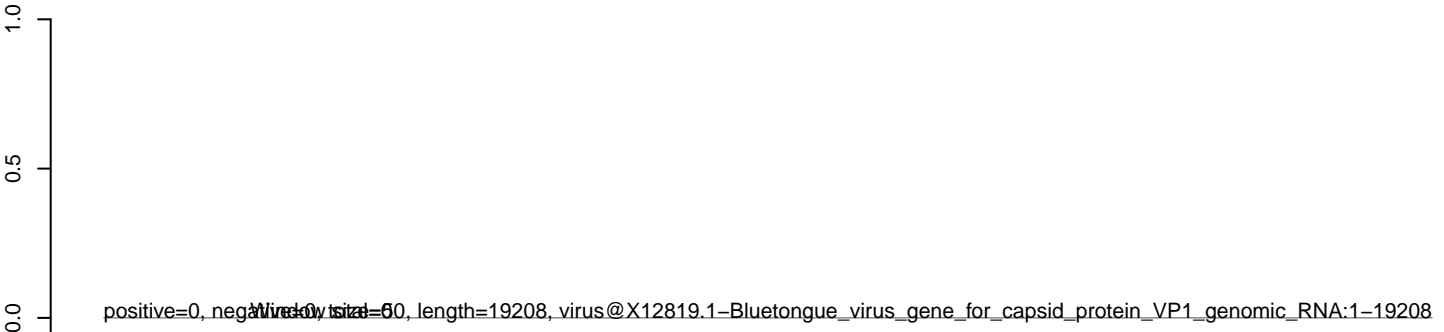
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



0 5000 10000 15000 20000



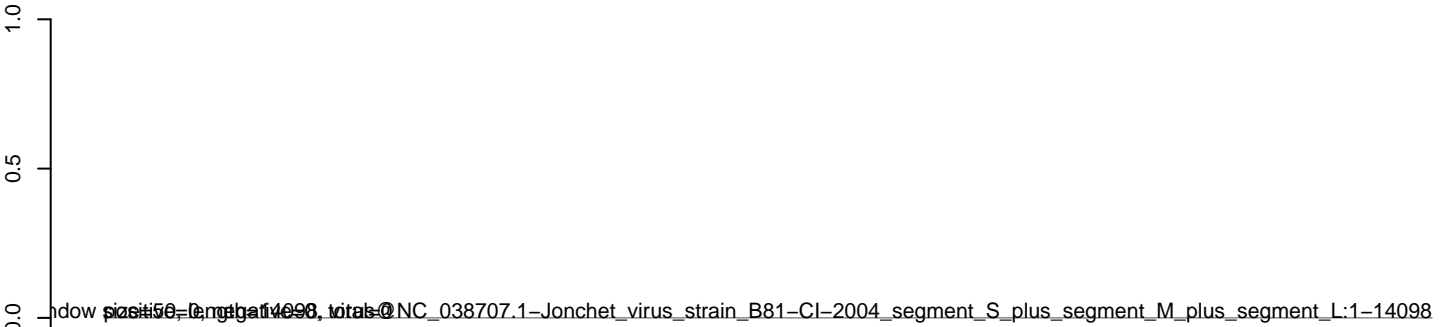
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



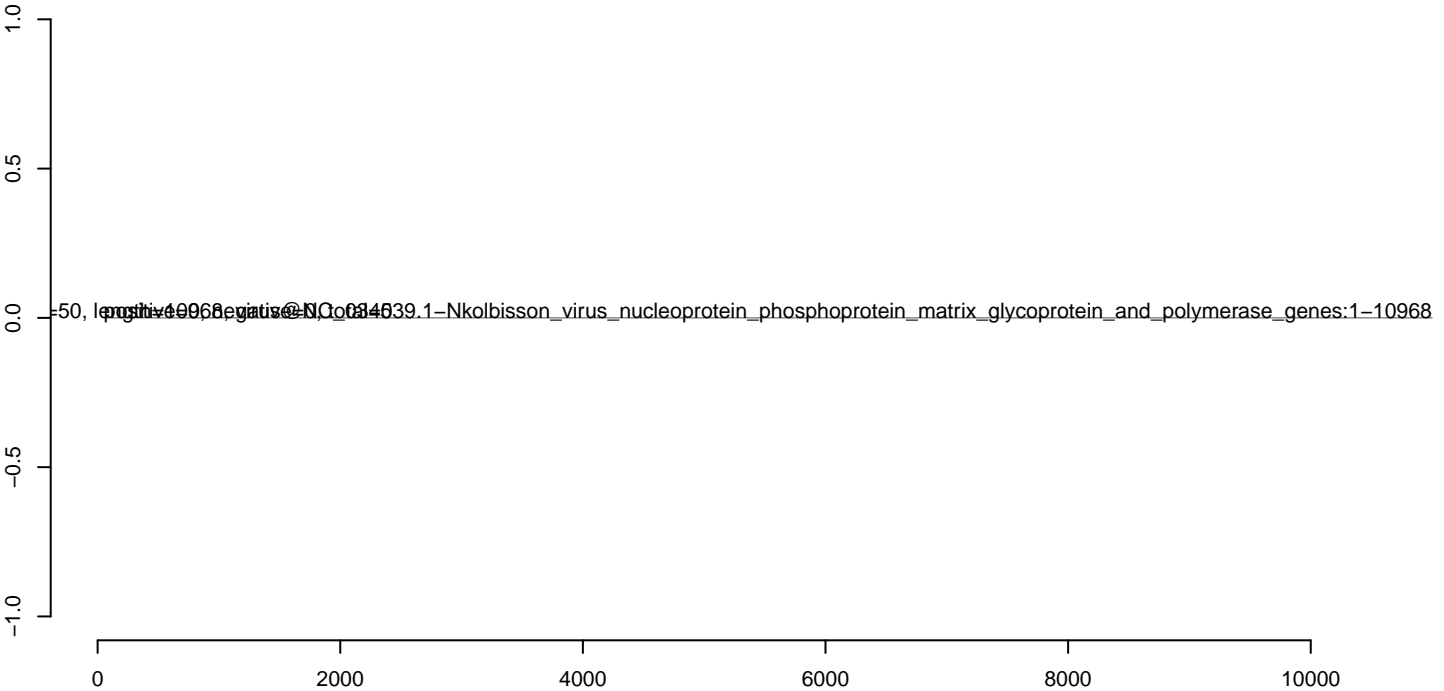
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



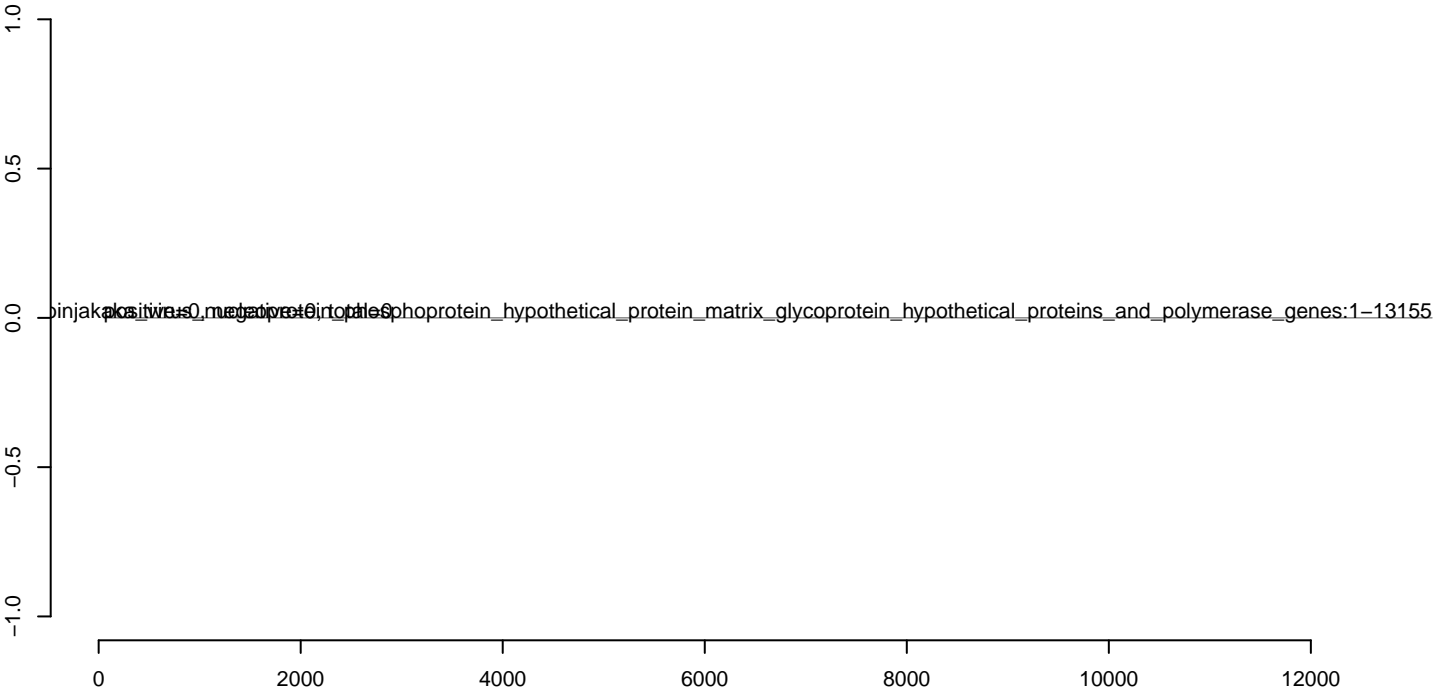
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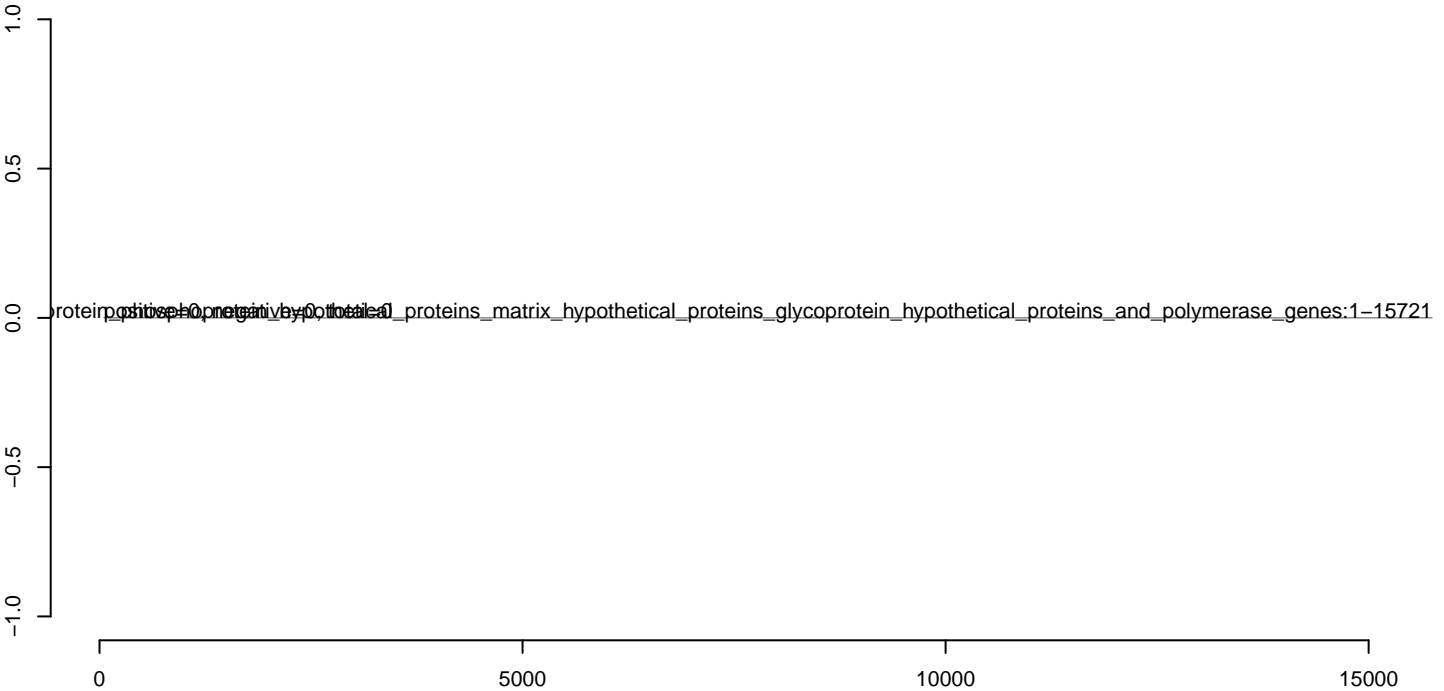
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



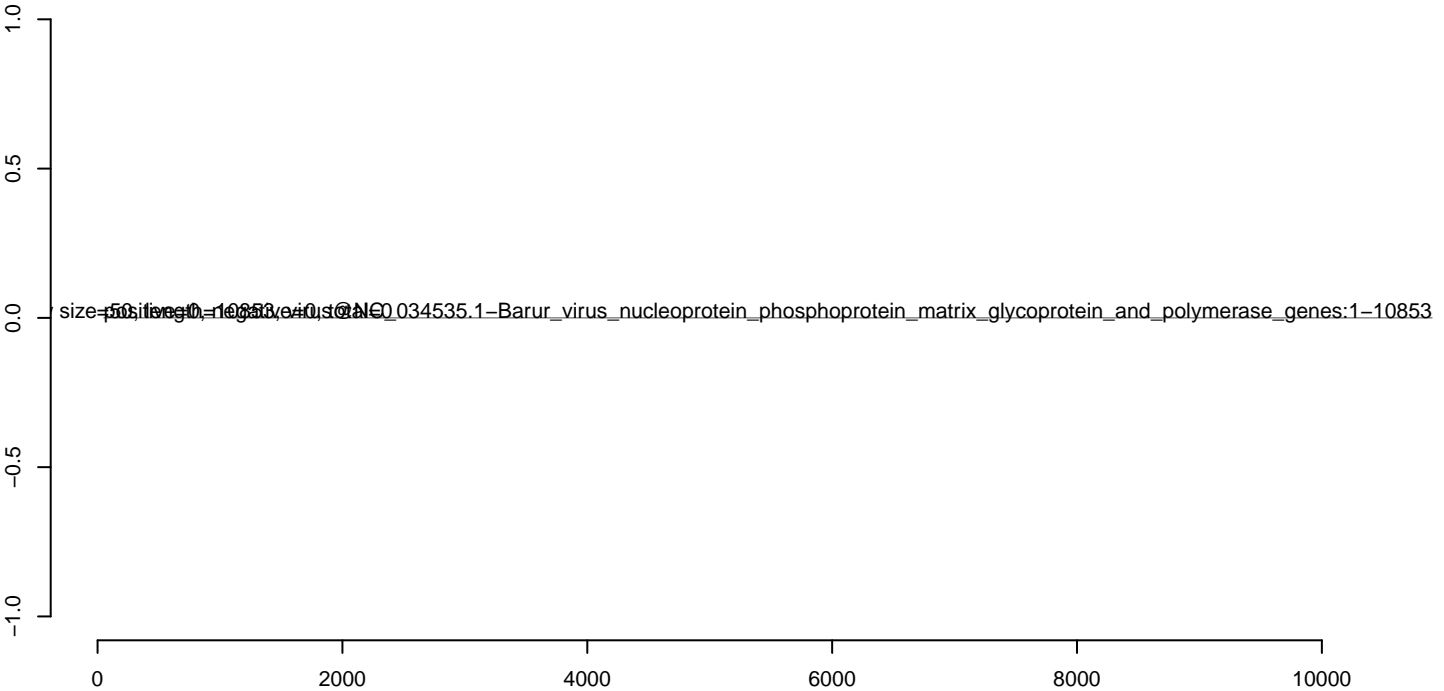
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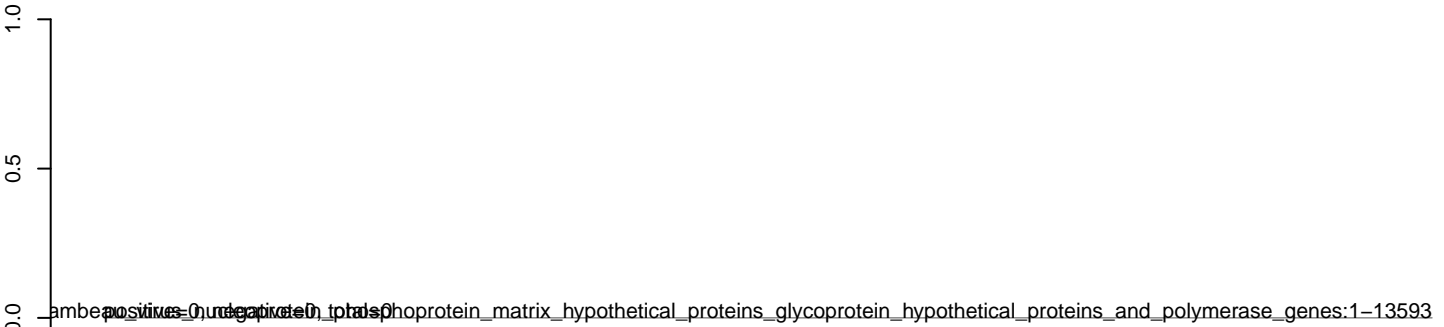
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



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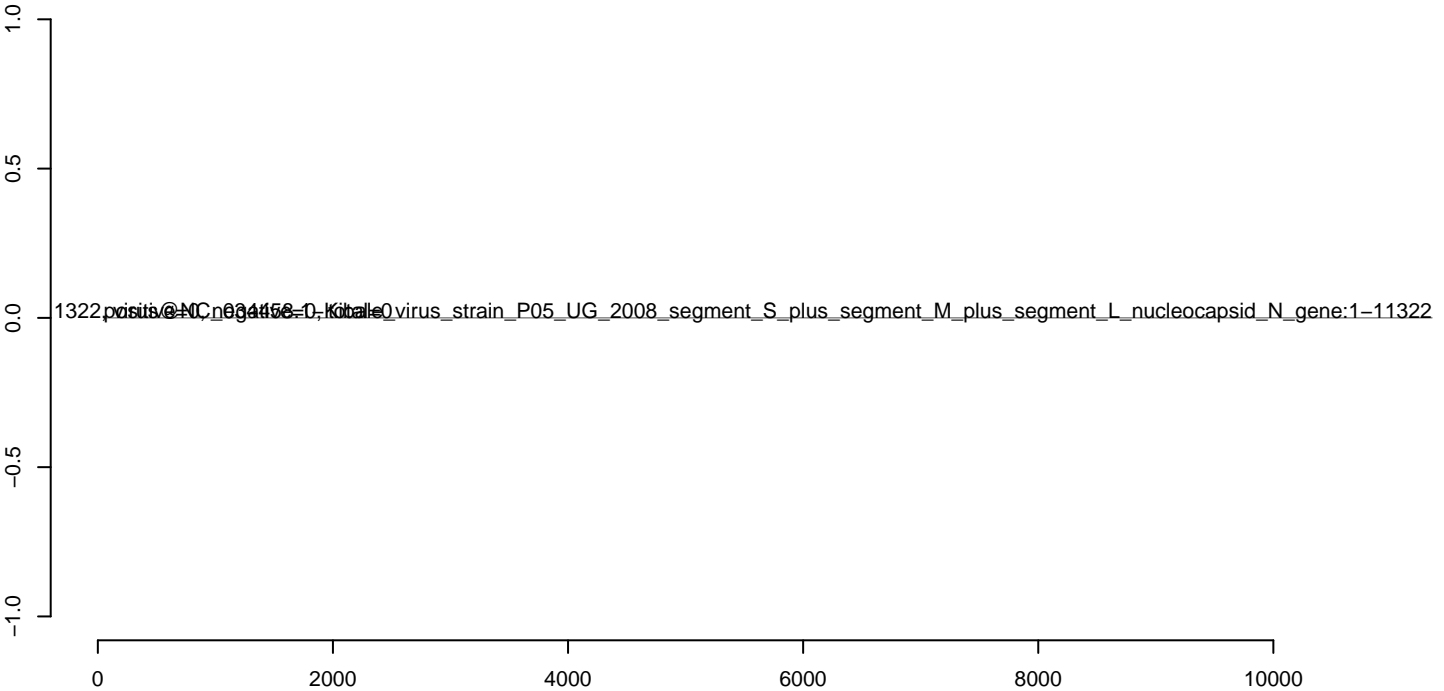
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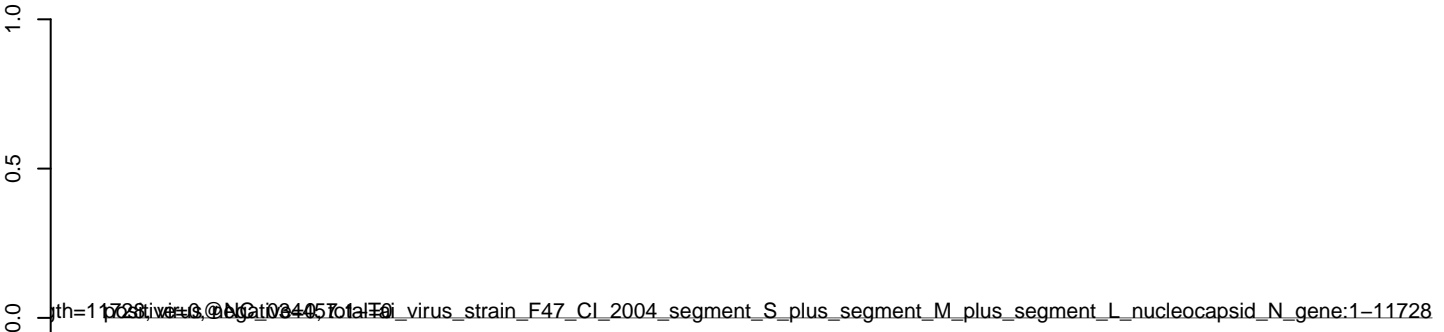
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



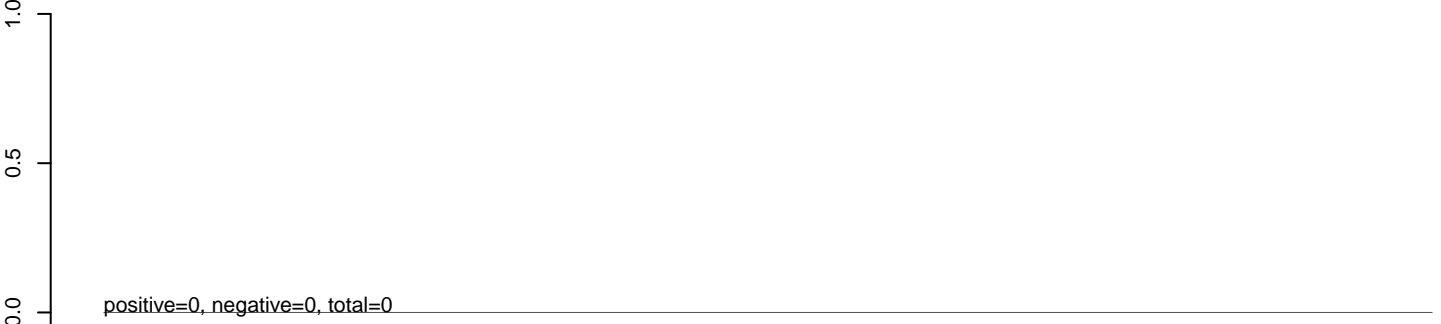
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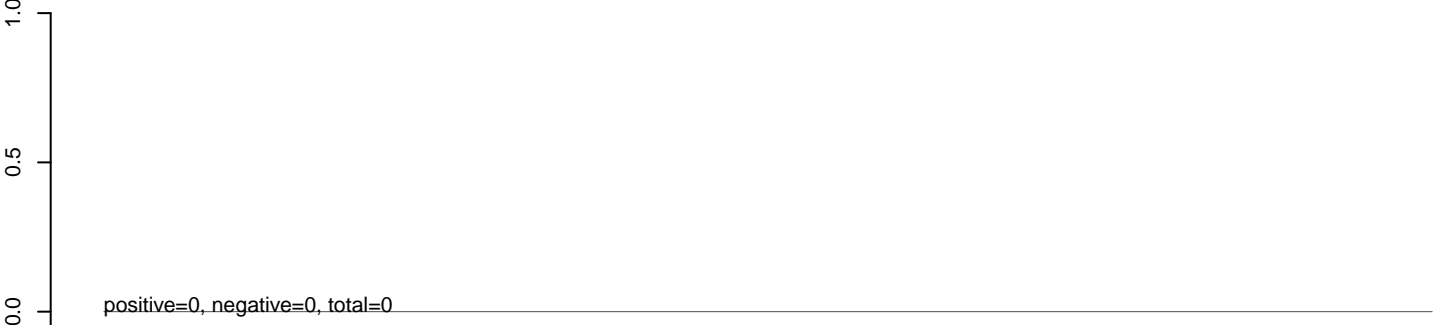
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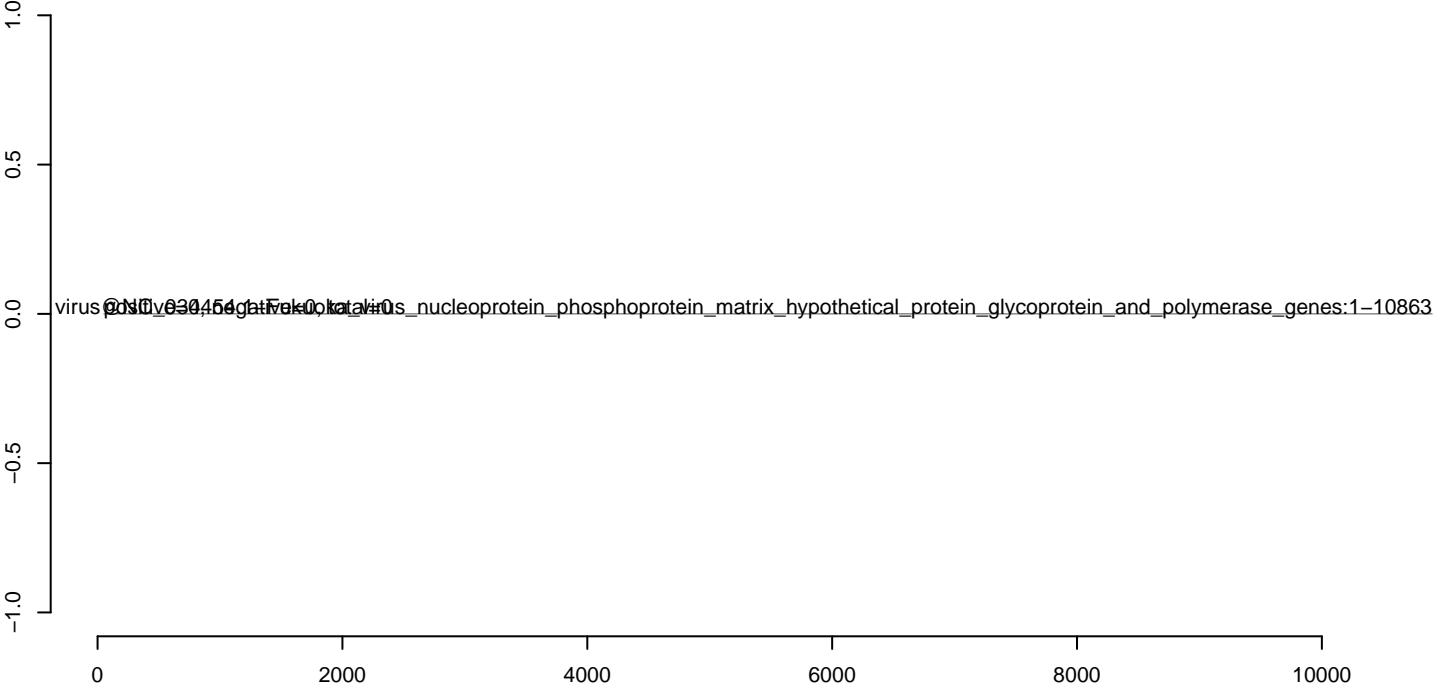
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



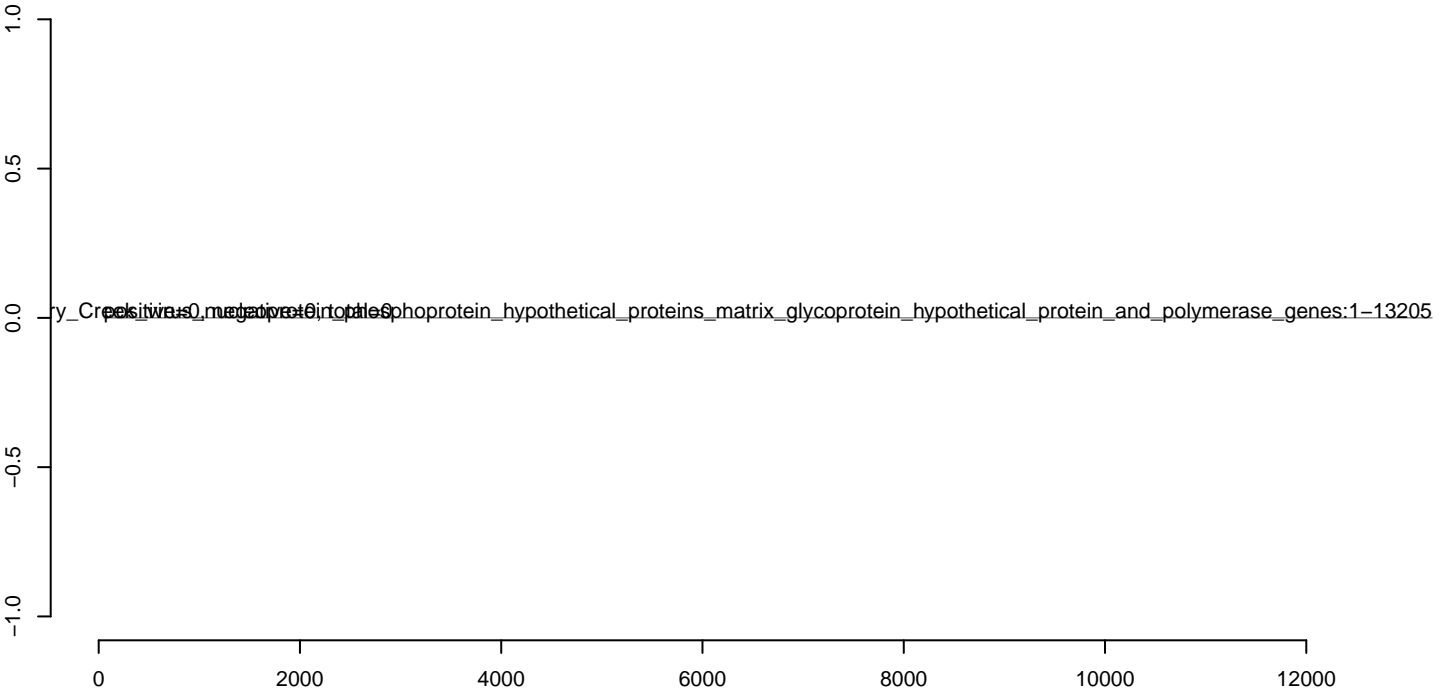
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



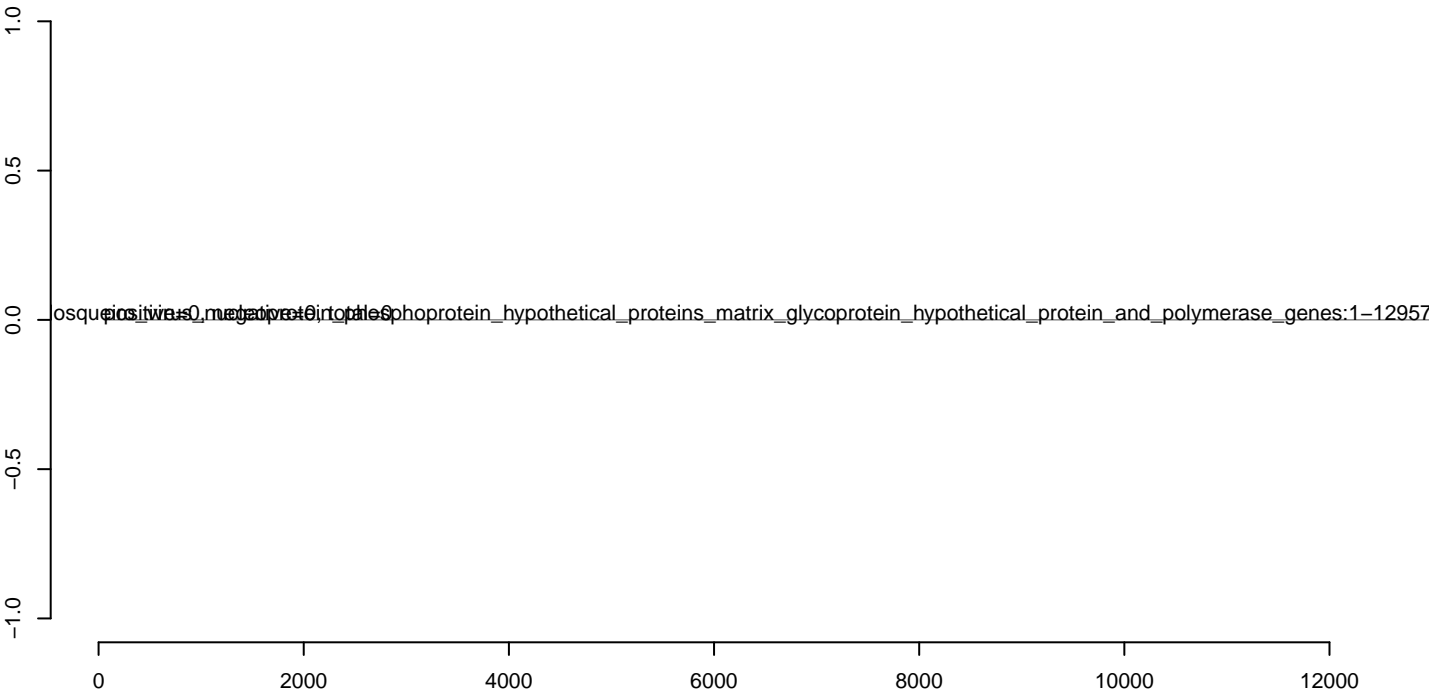
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



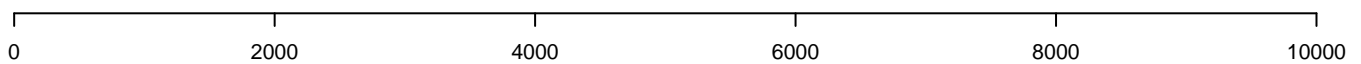
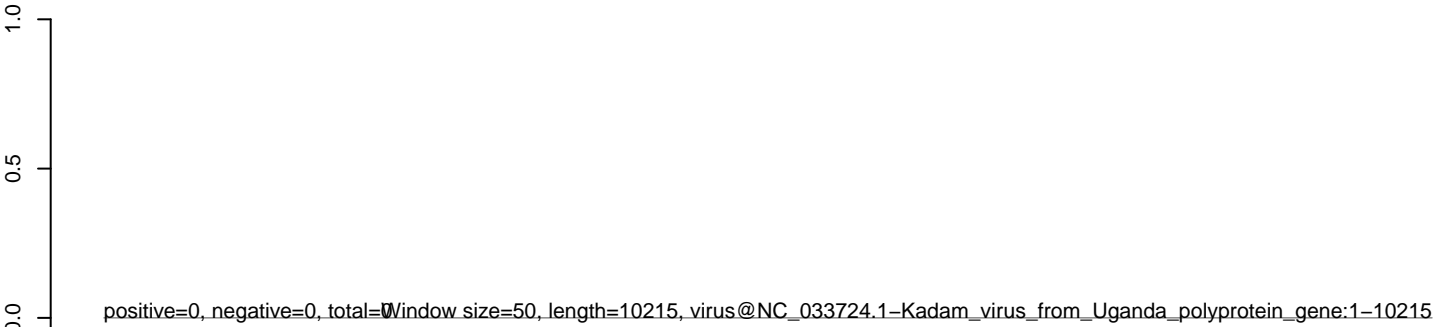
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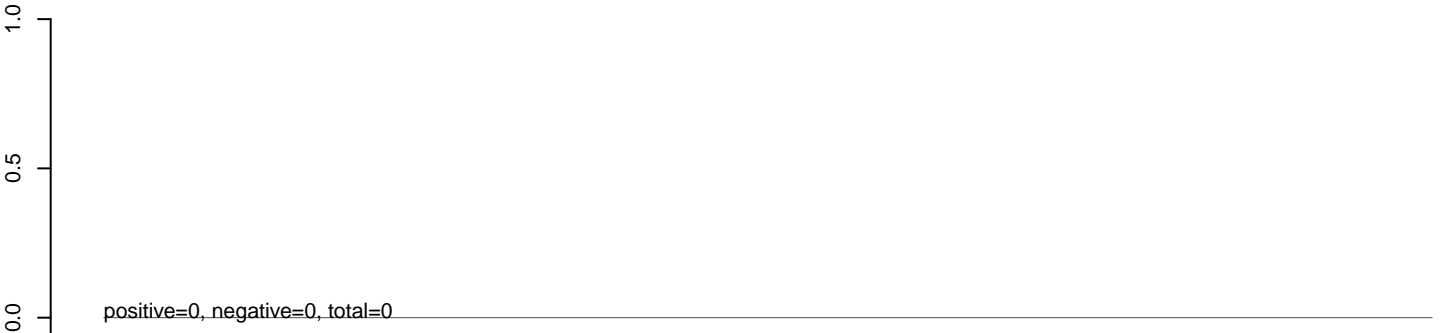
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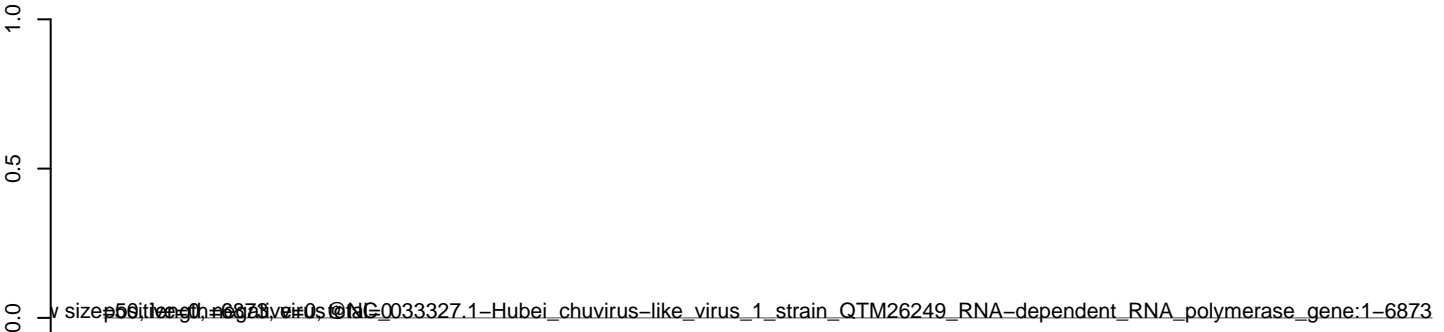
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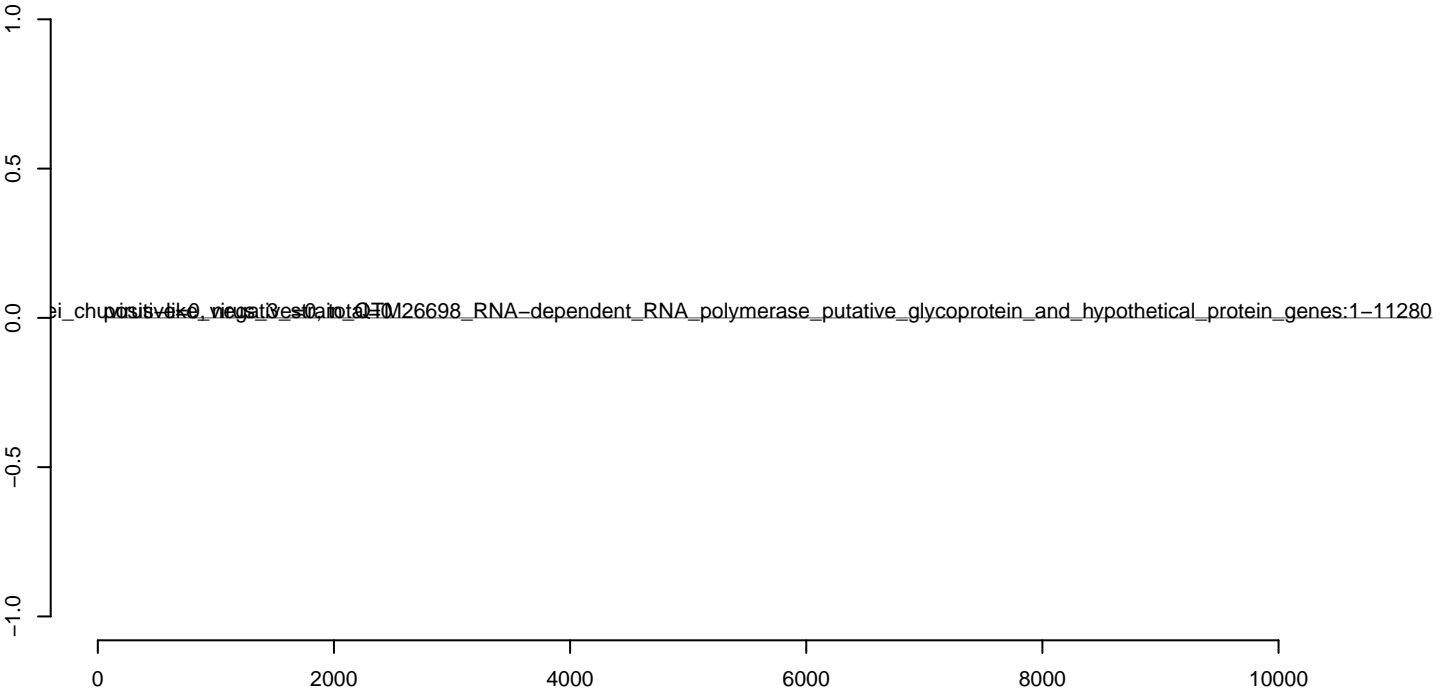
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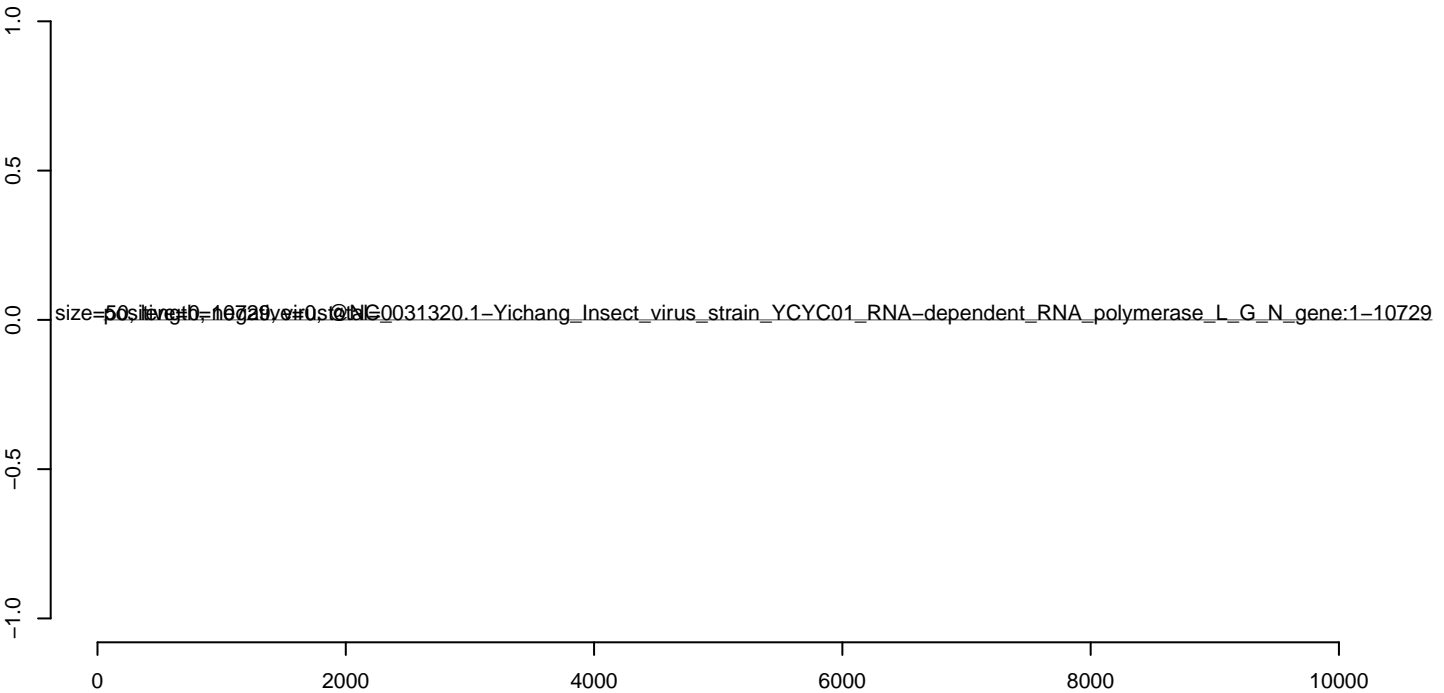
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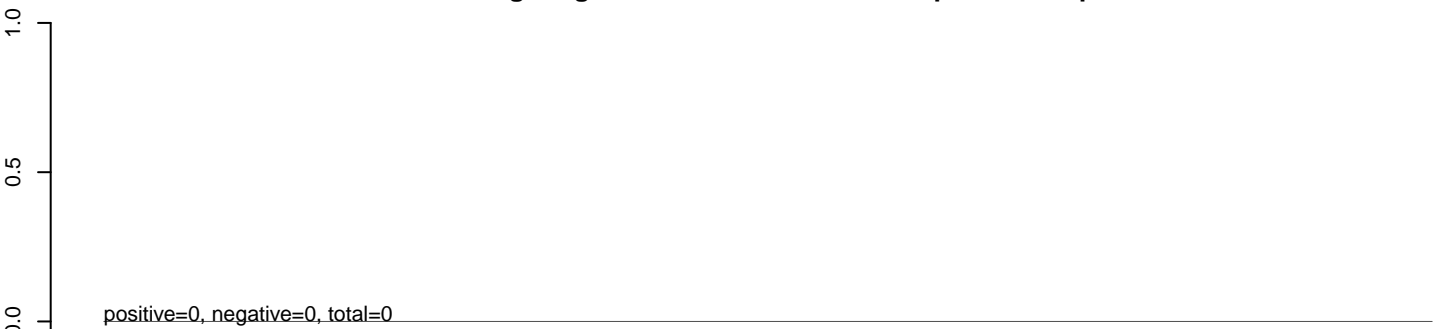
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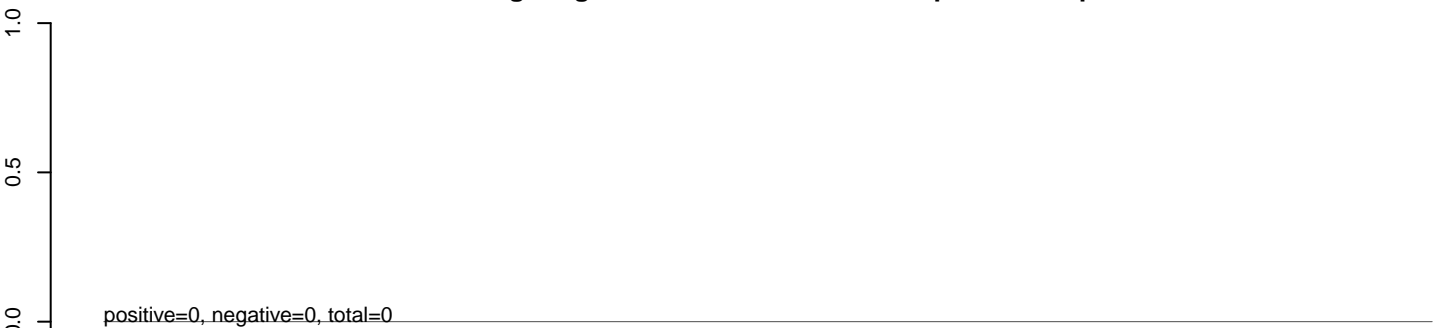
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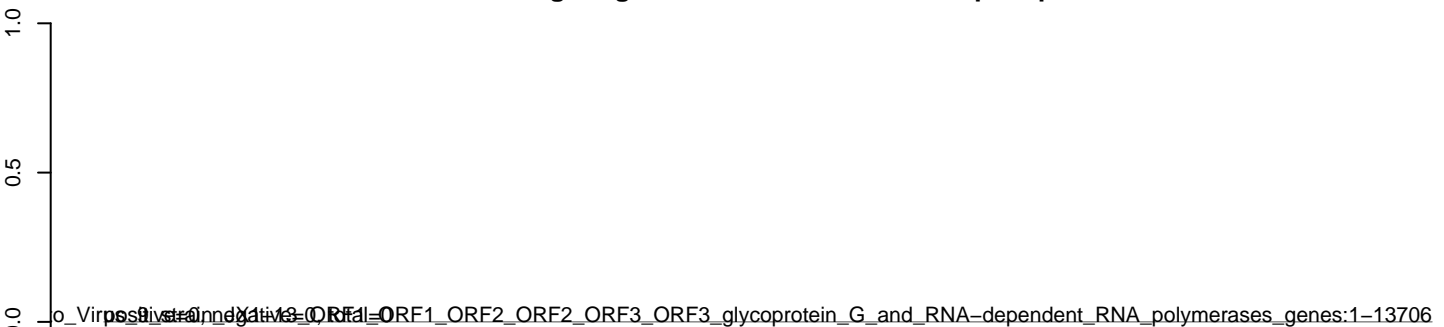
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



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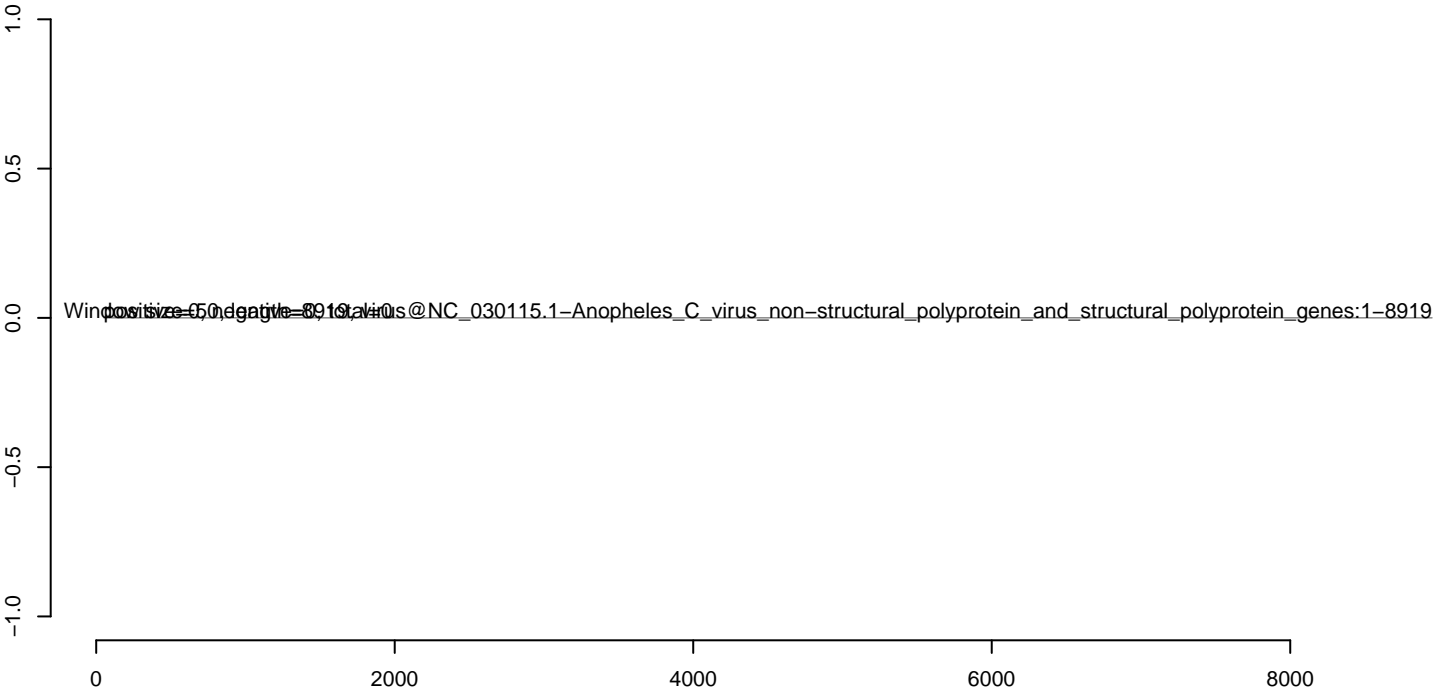
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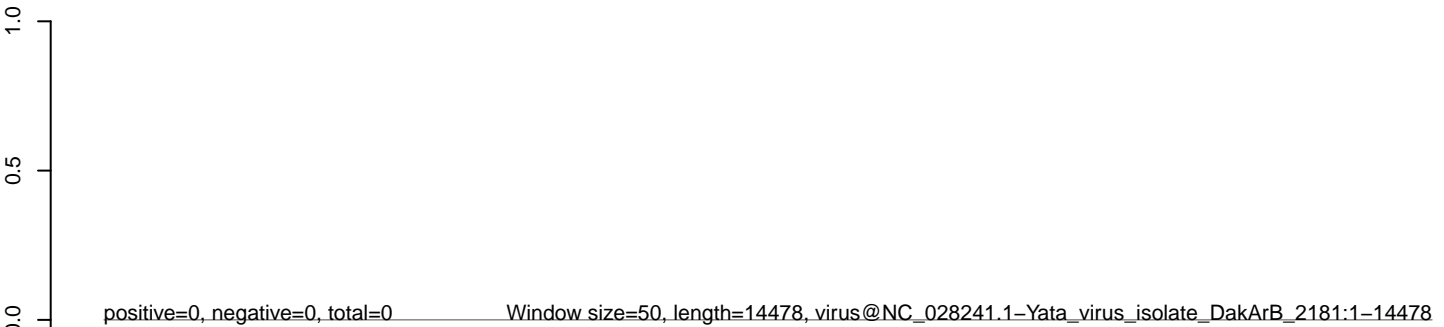
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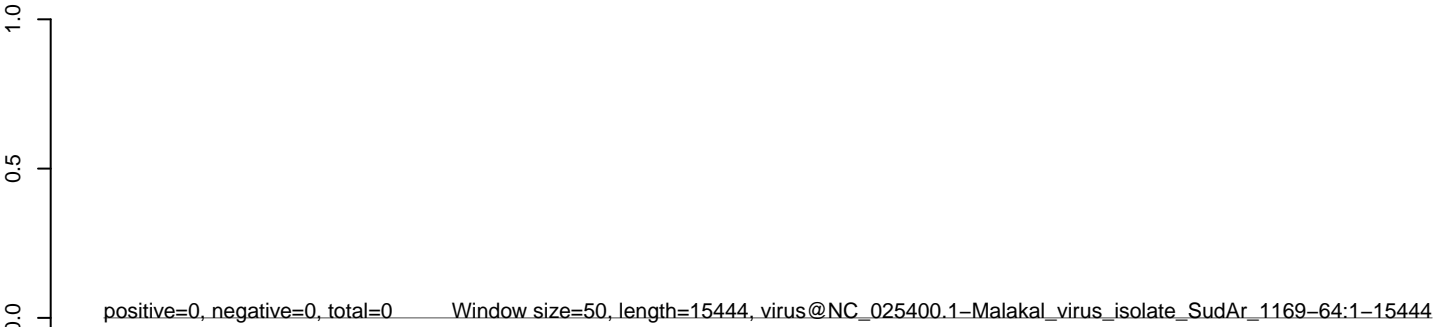
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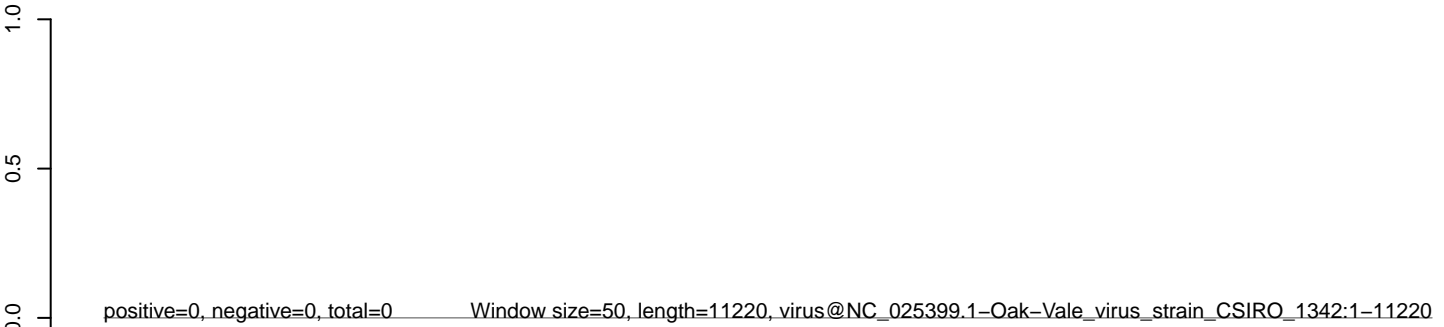
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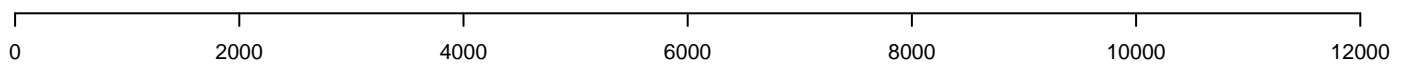
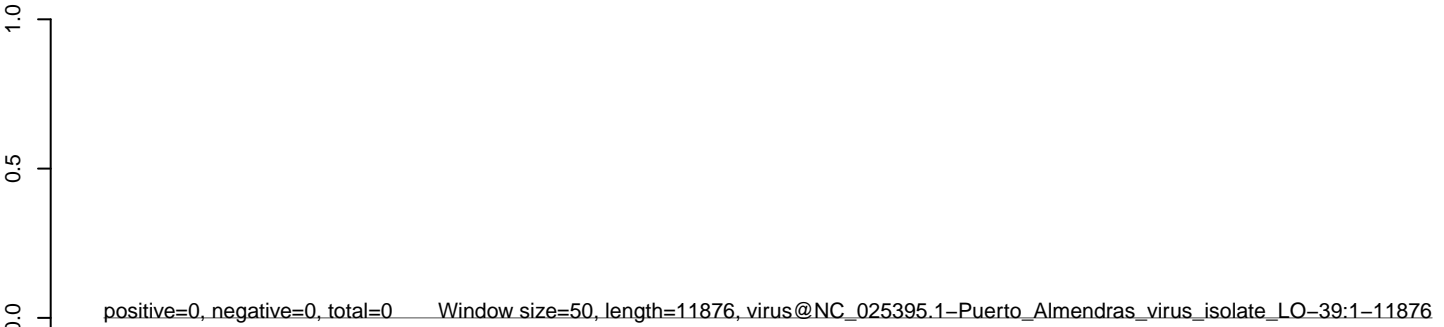
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



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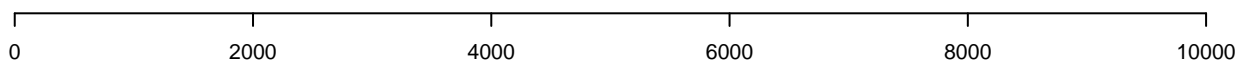
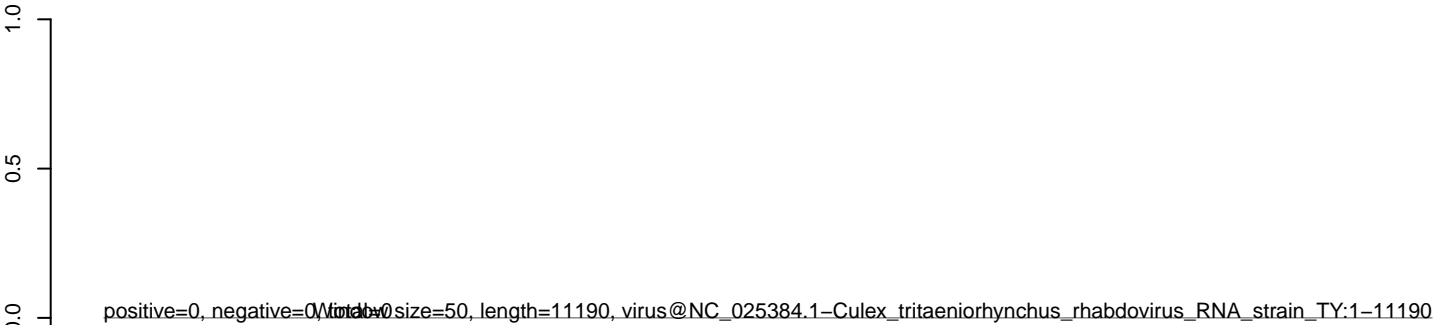
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



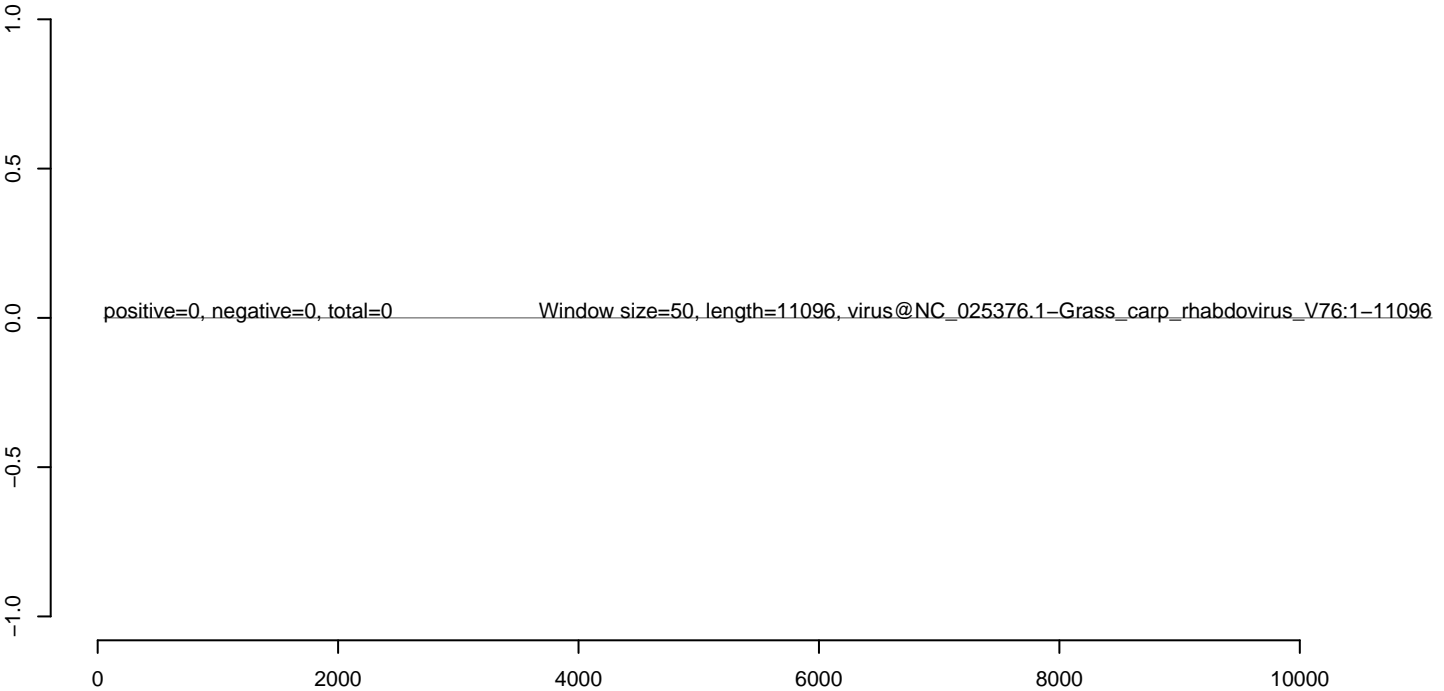
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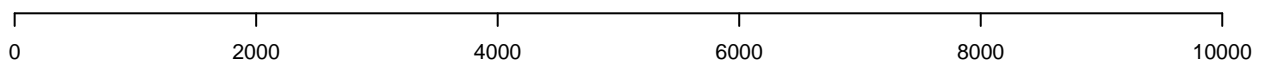
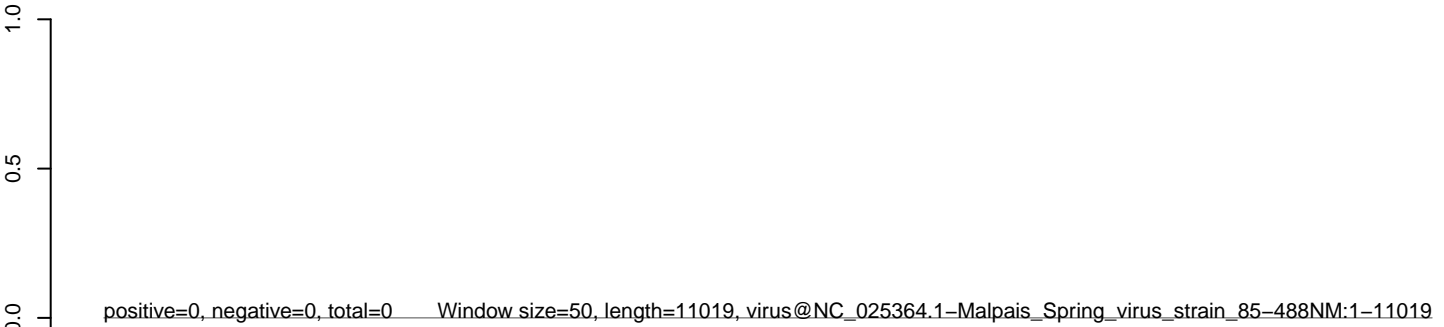
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**





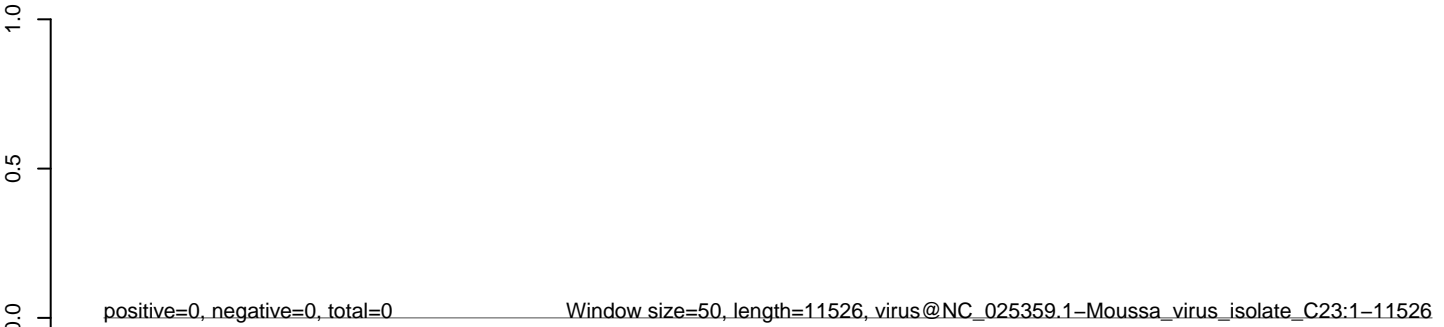
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**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



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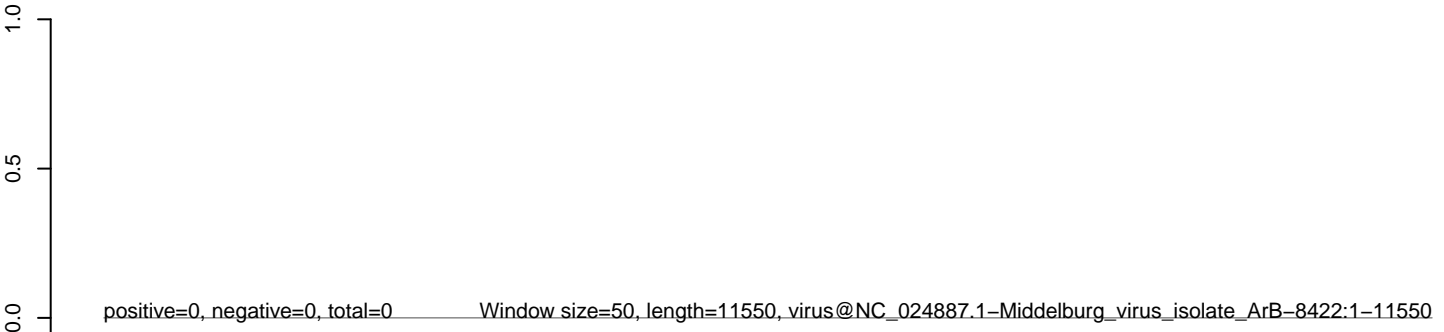
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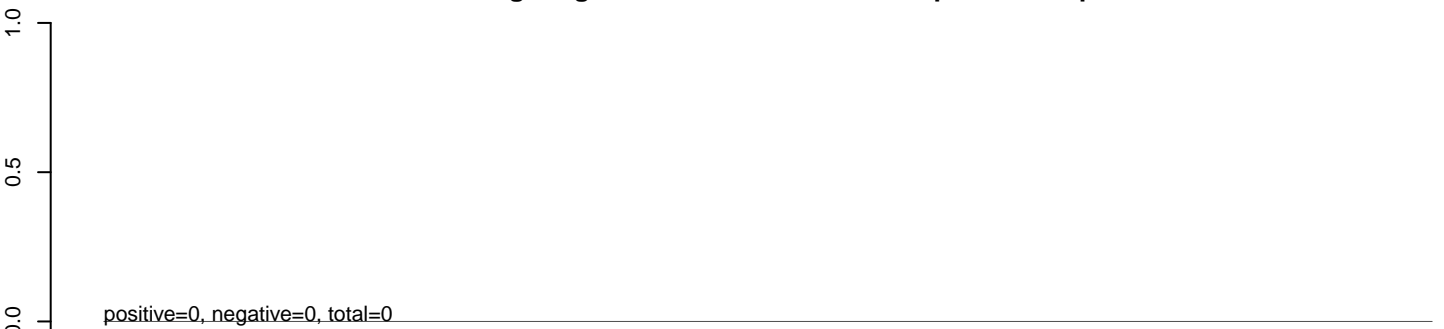


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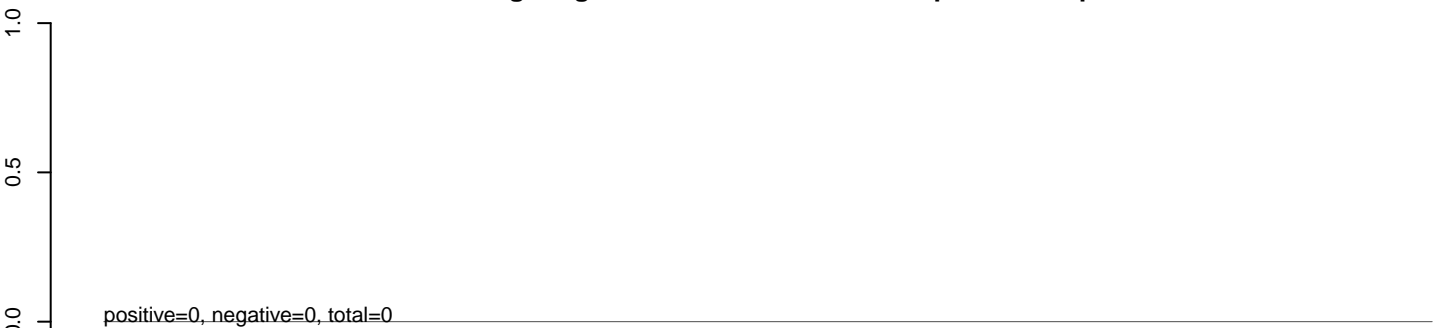


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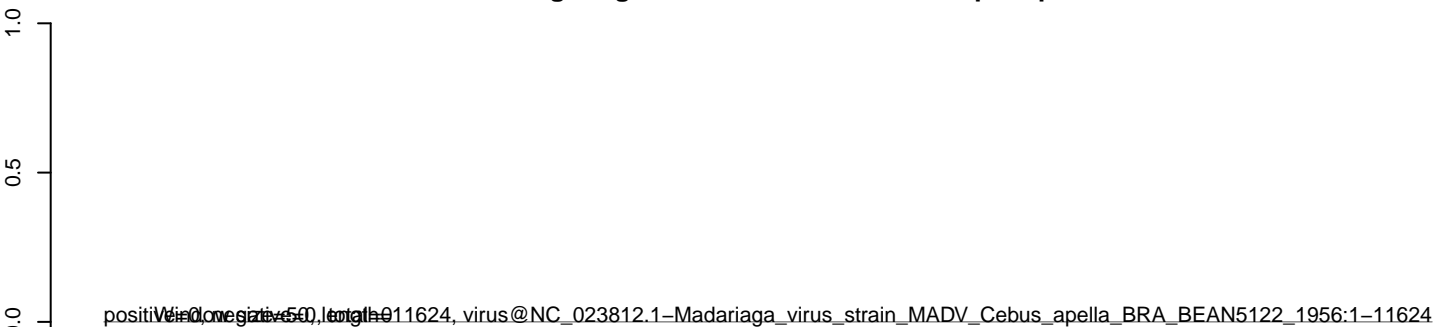
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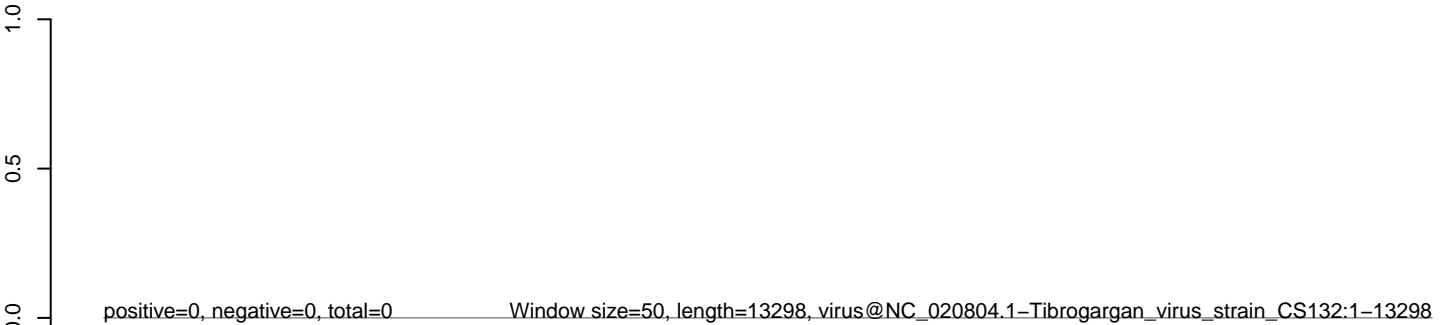
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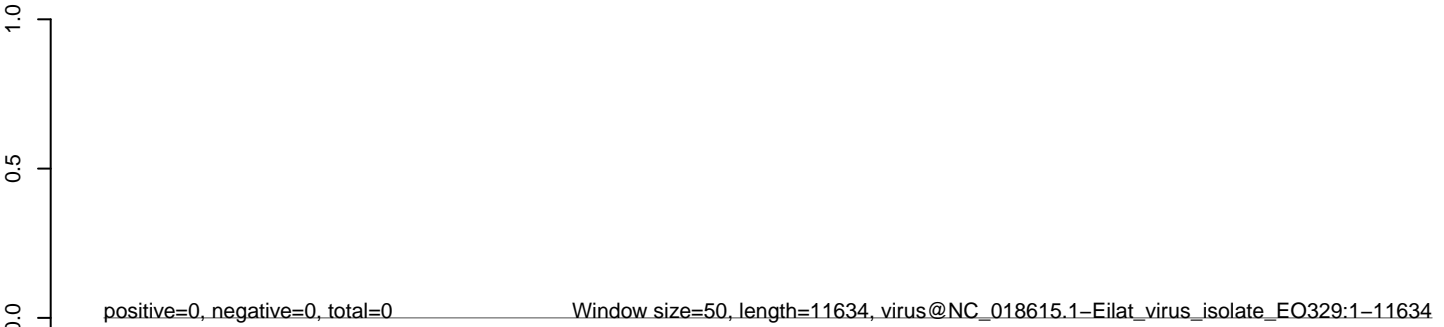
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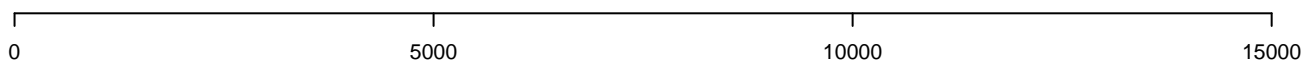
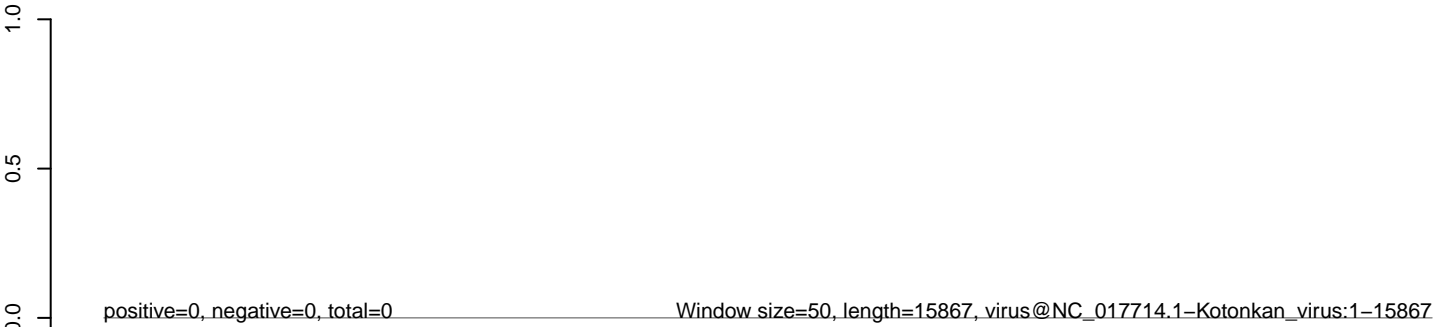
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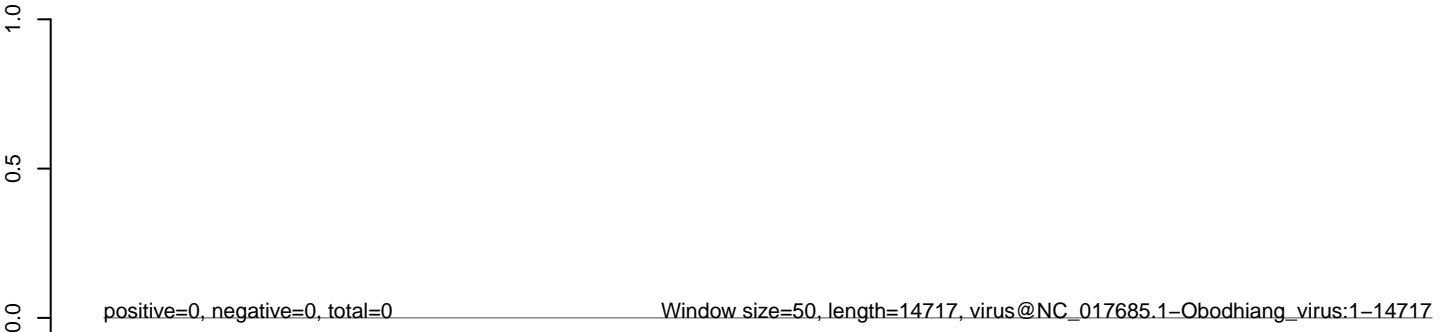
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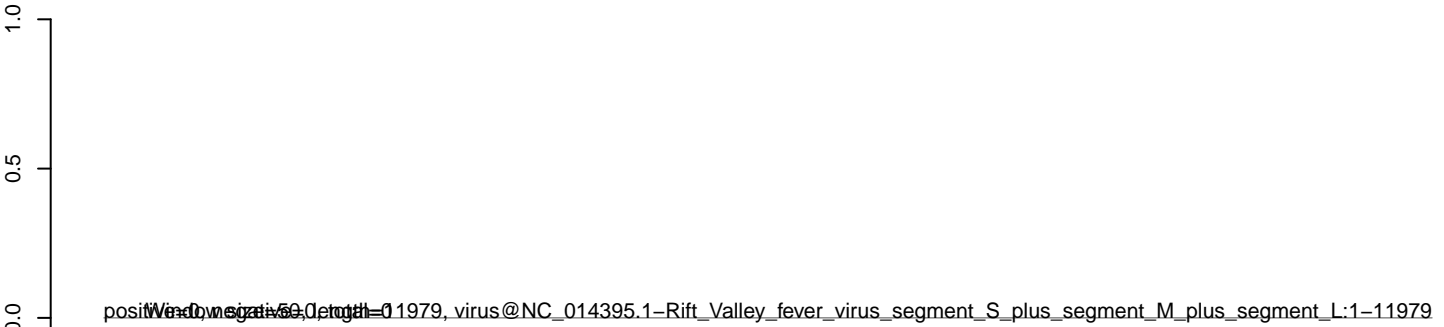
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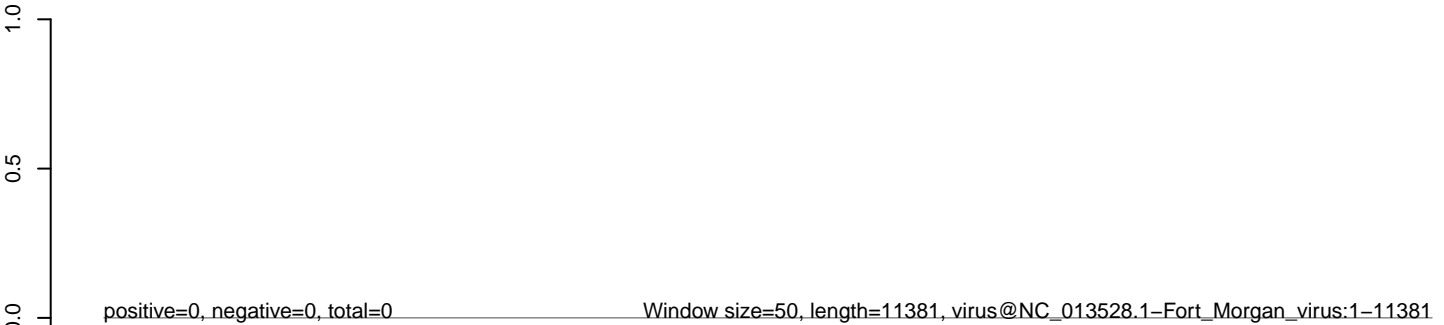
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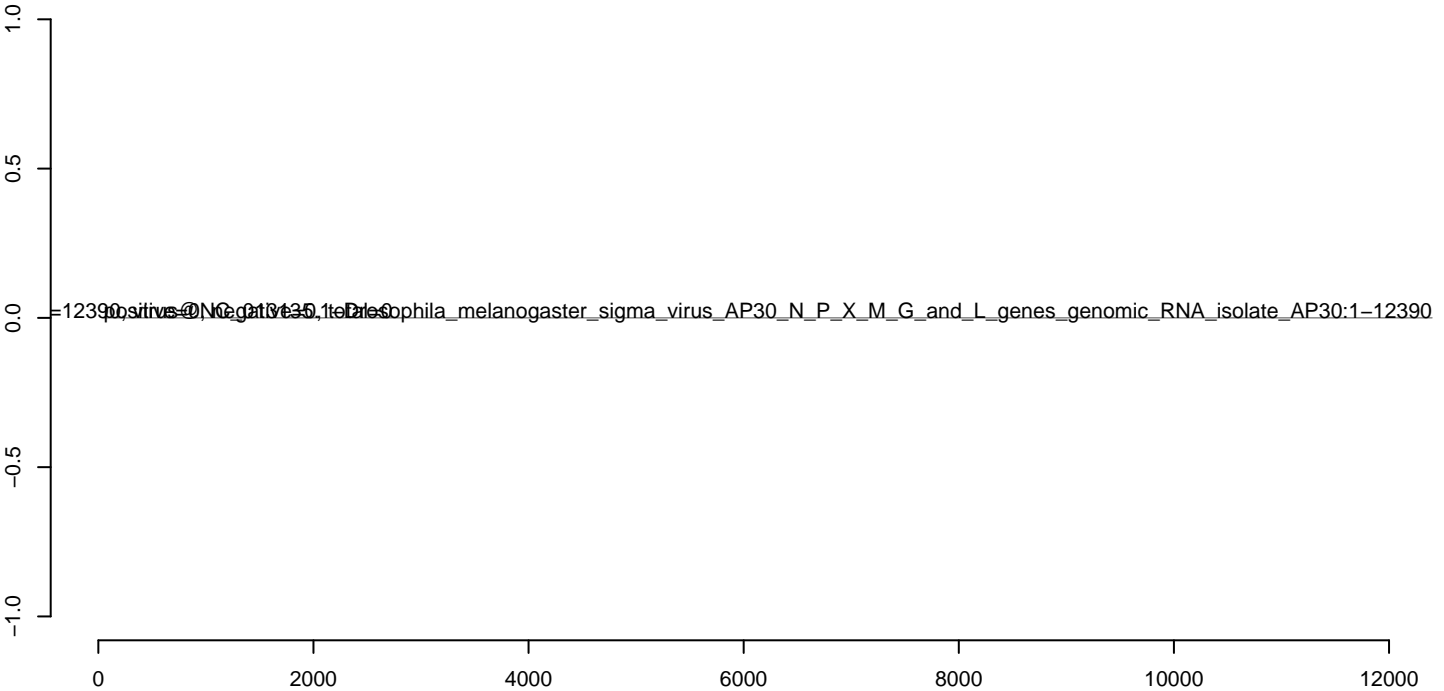
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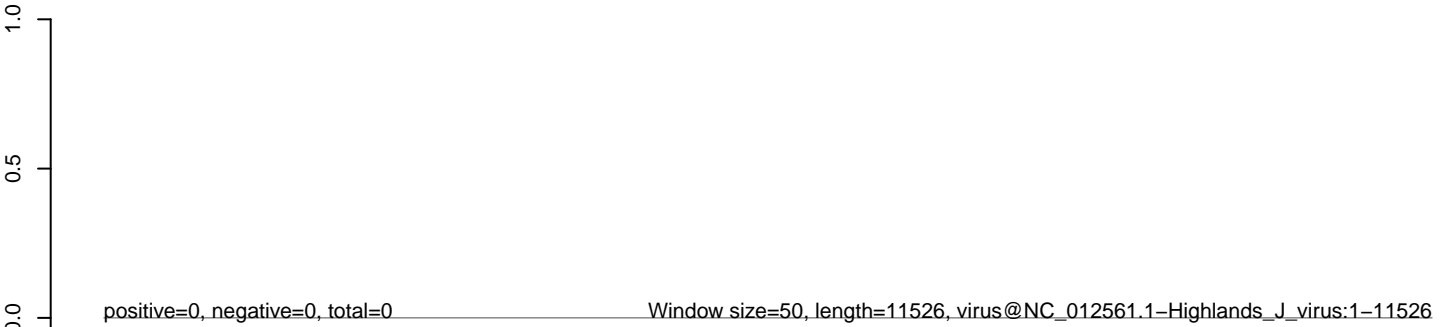
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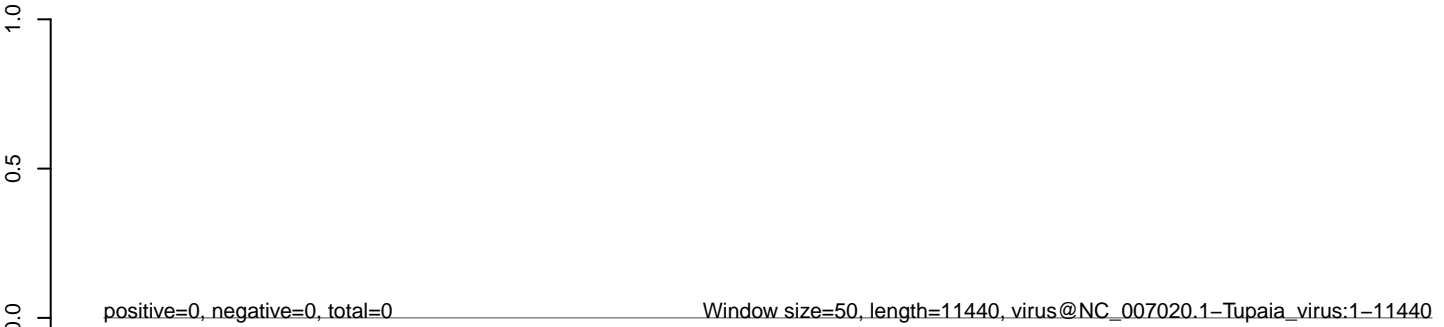
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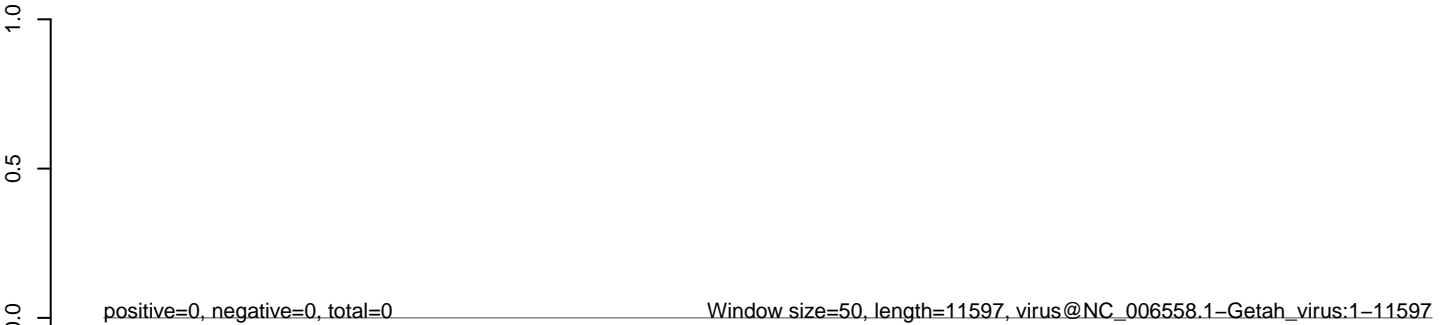
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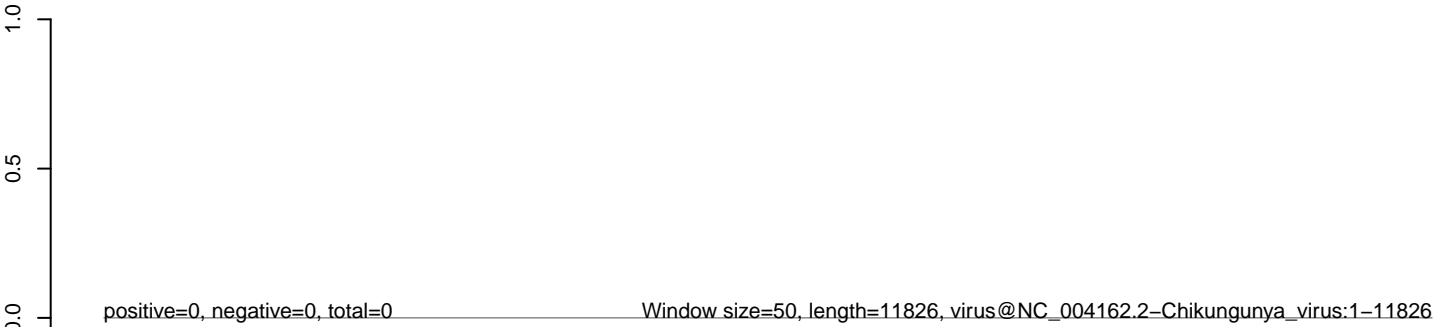
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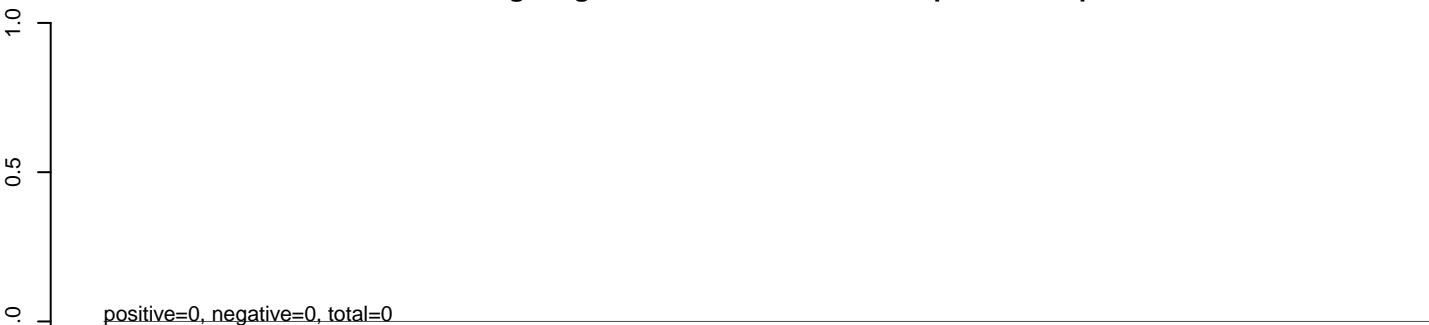


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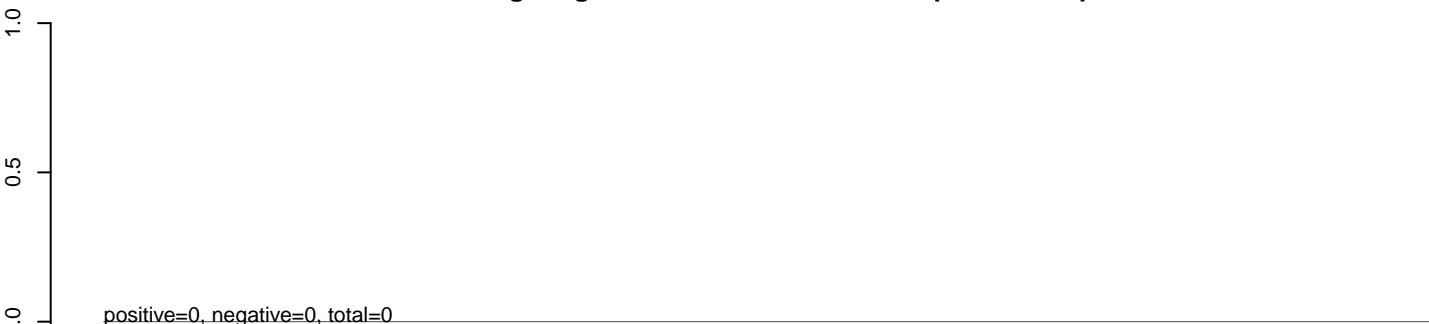


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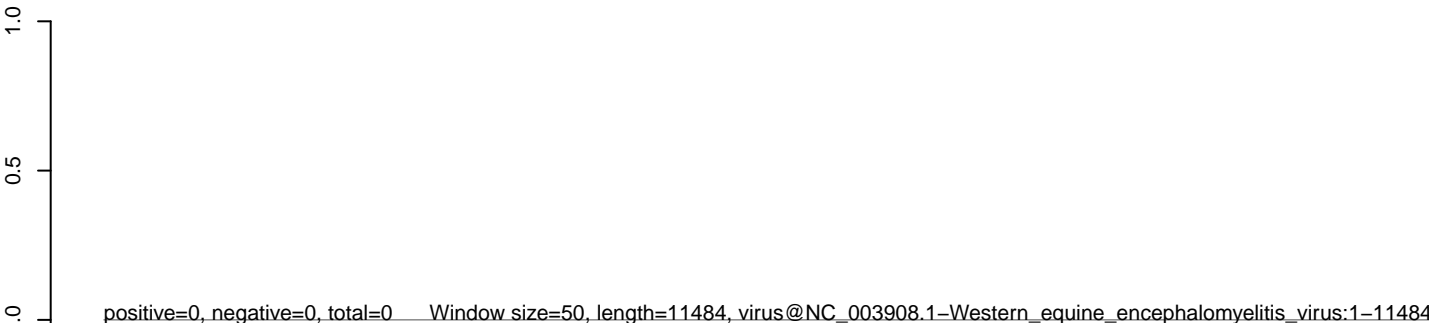
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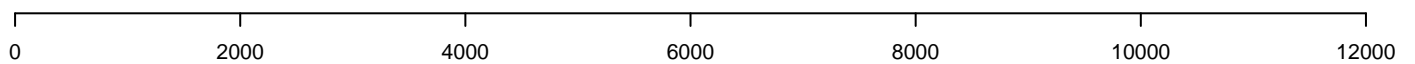
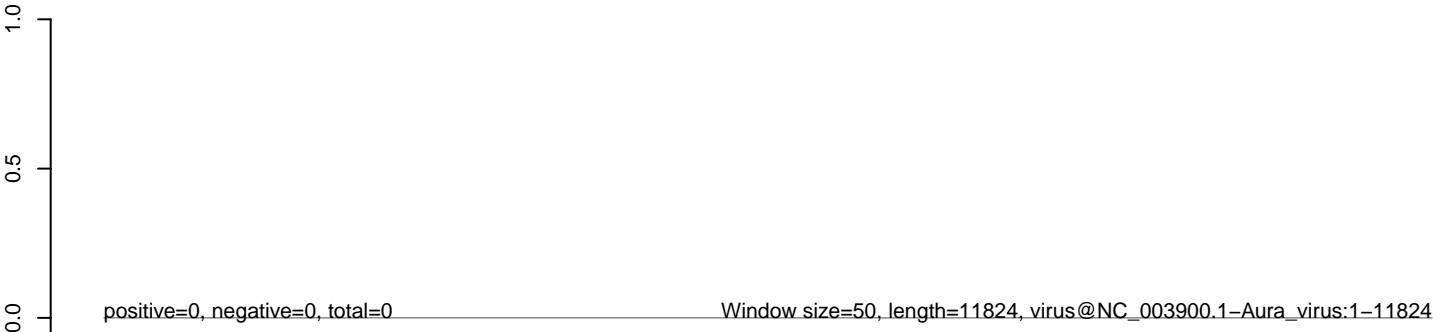
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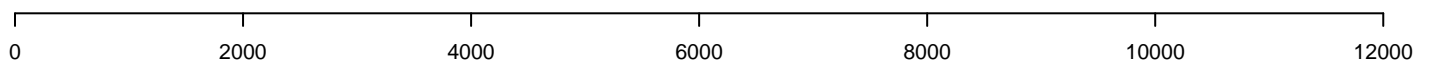
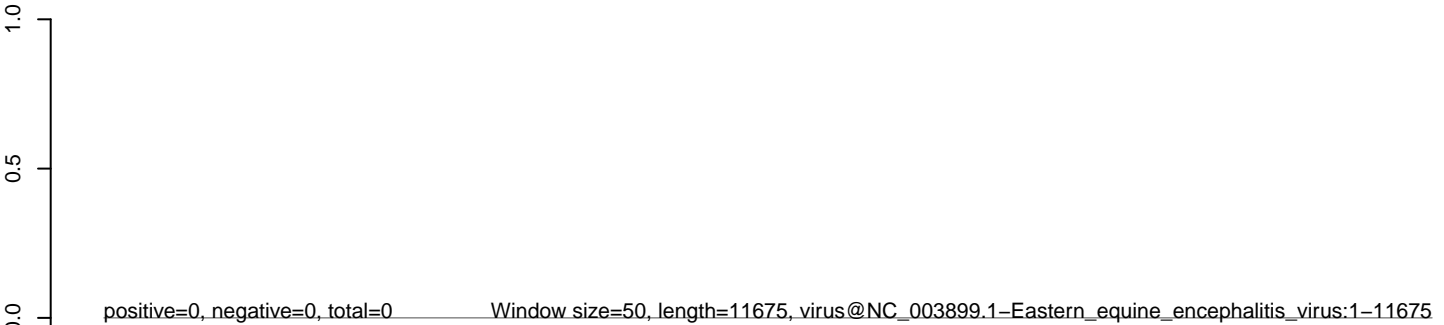
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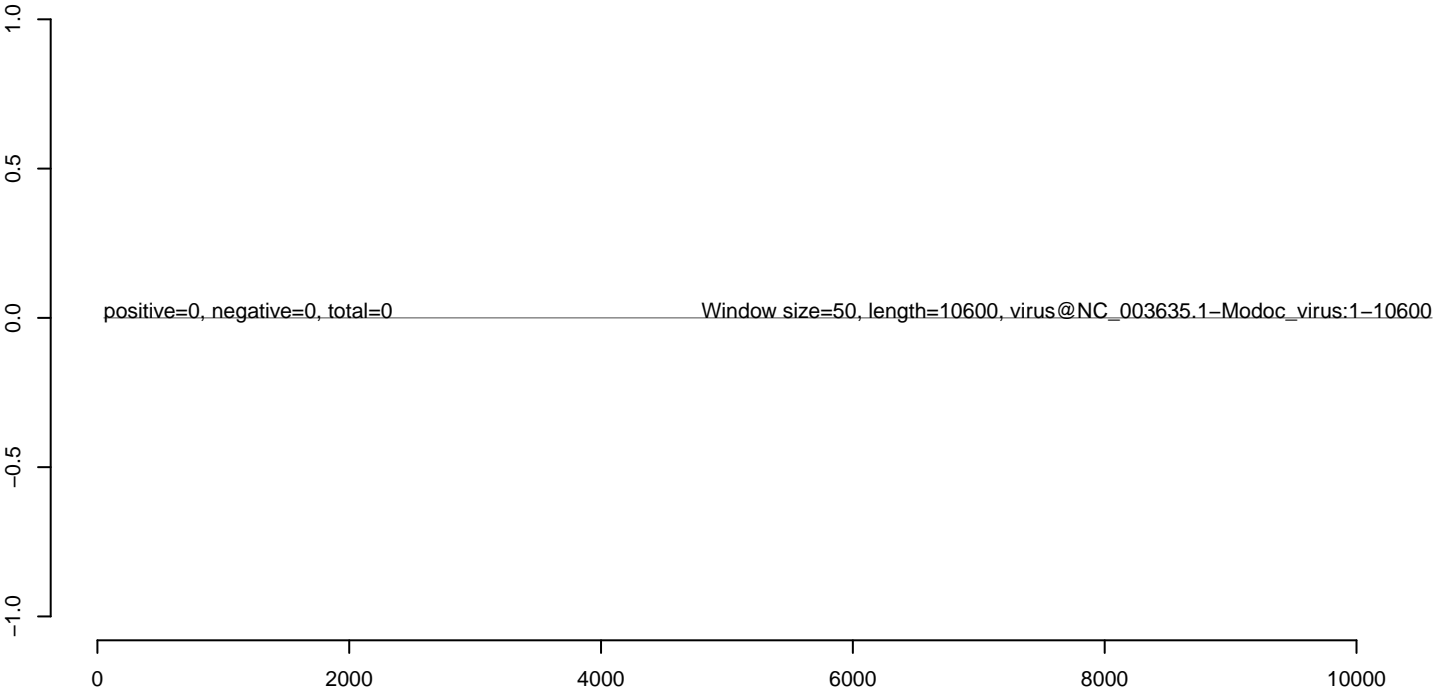
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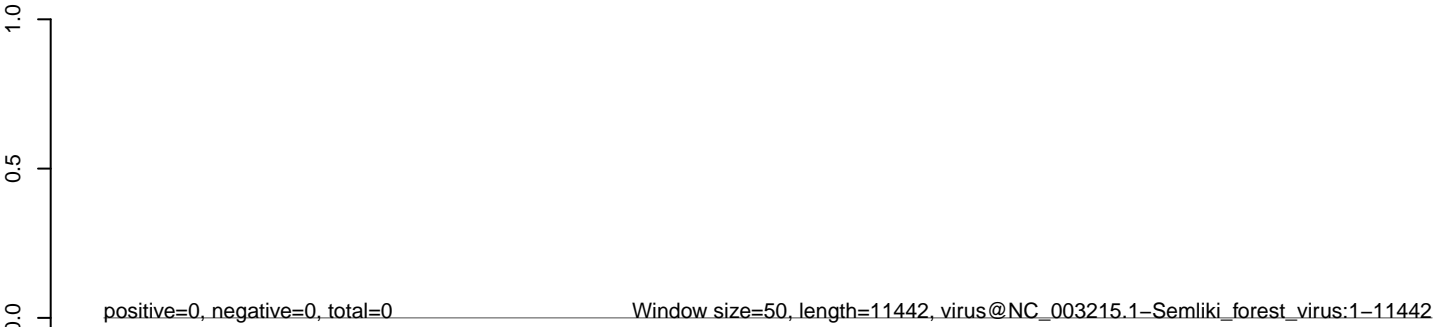
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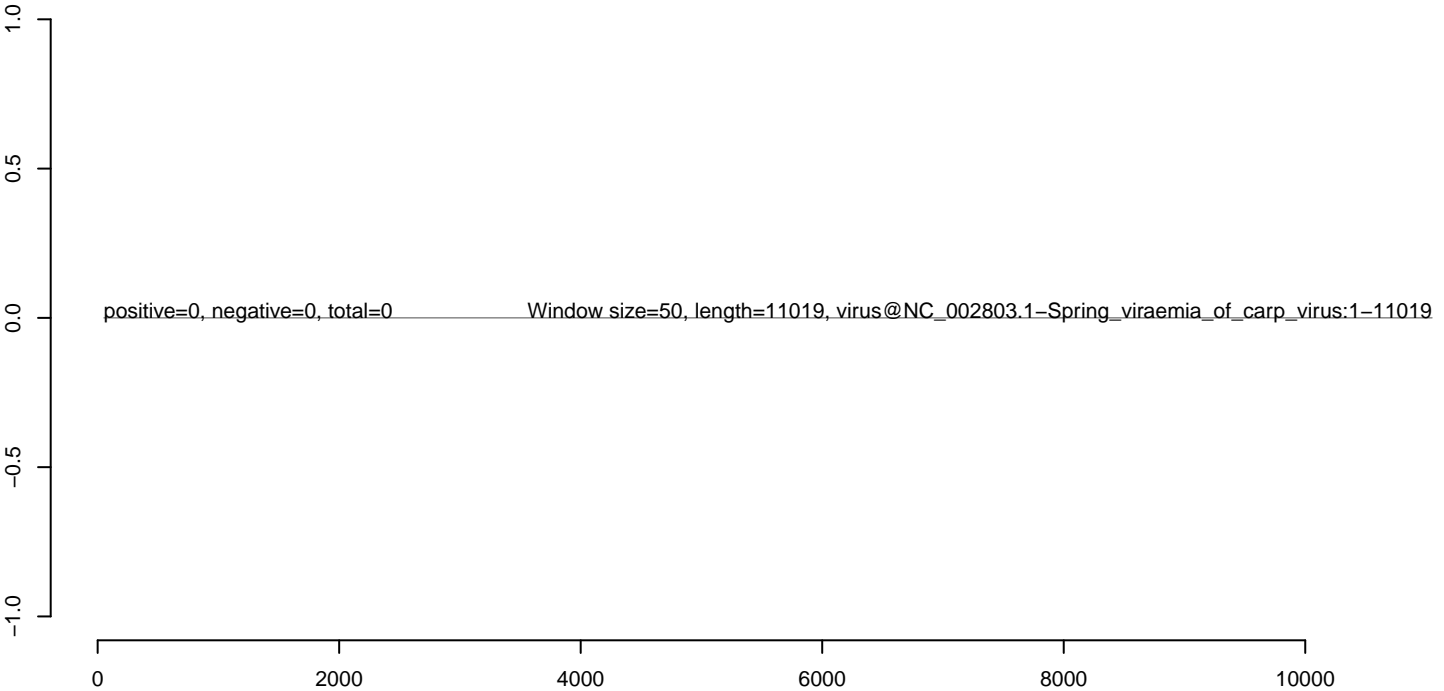
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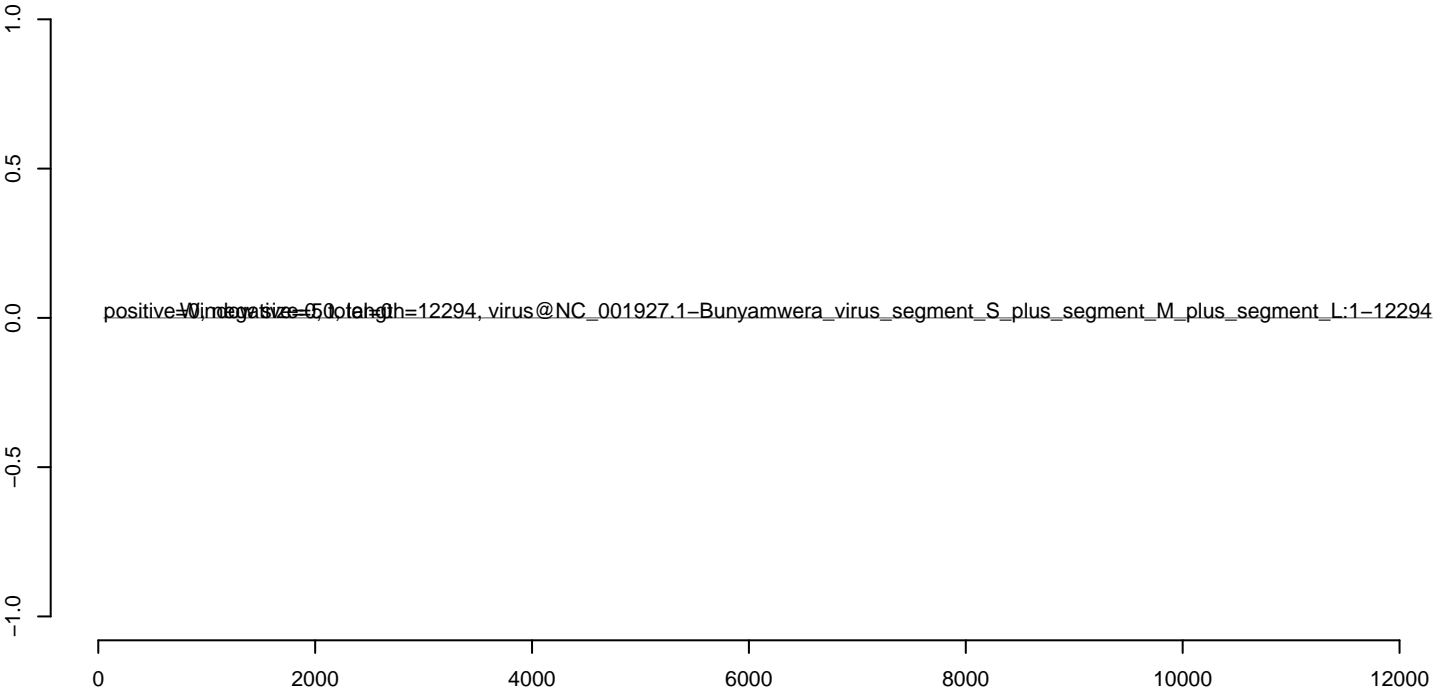
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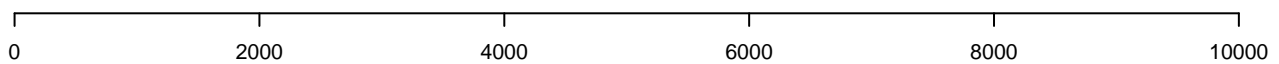
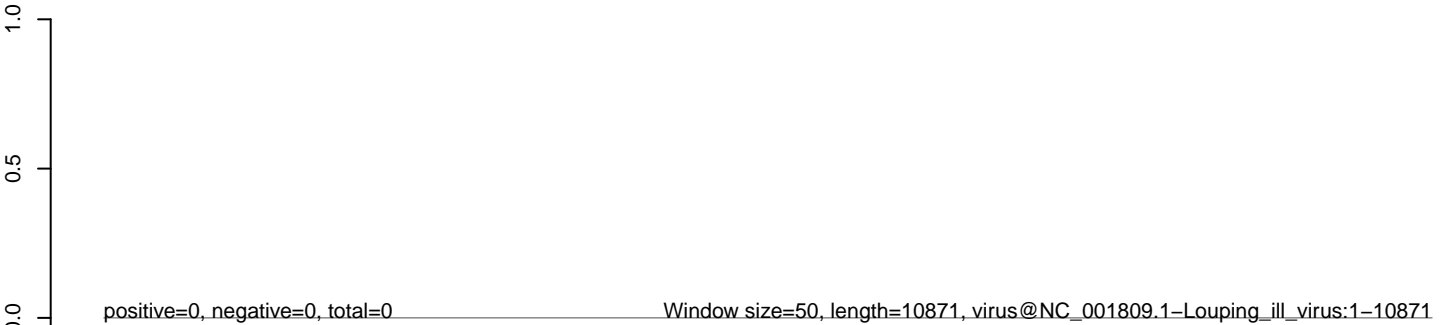
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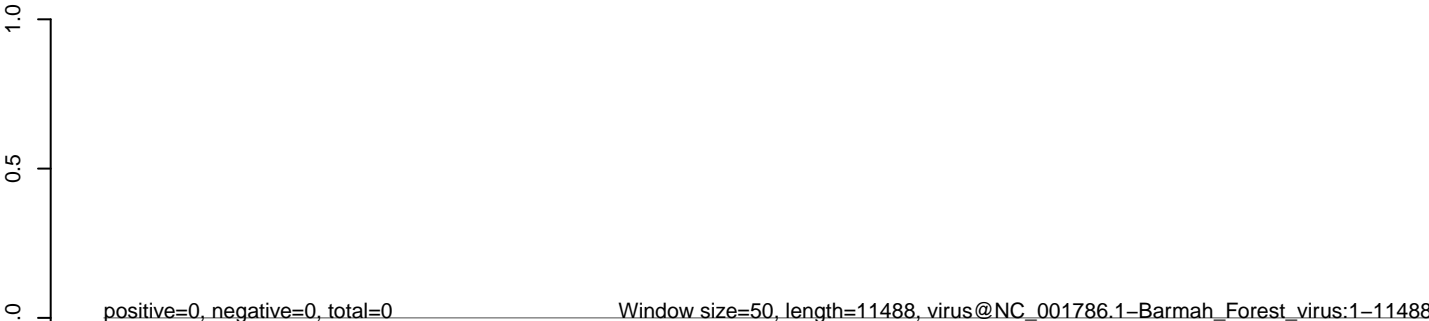
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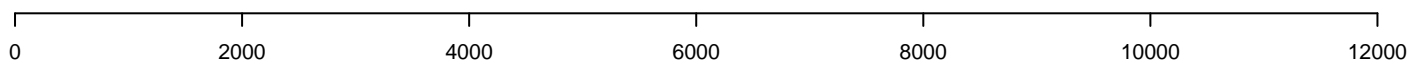
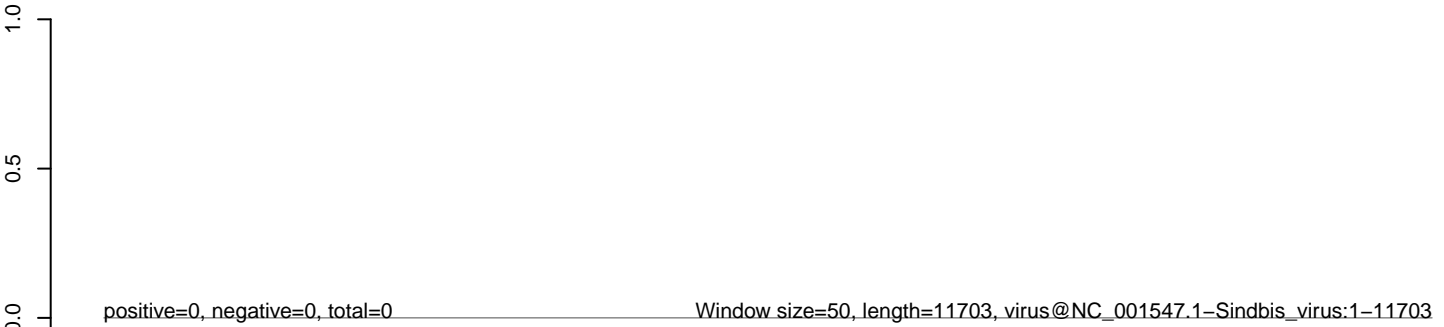
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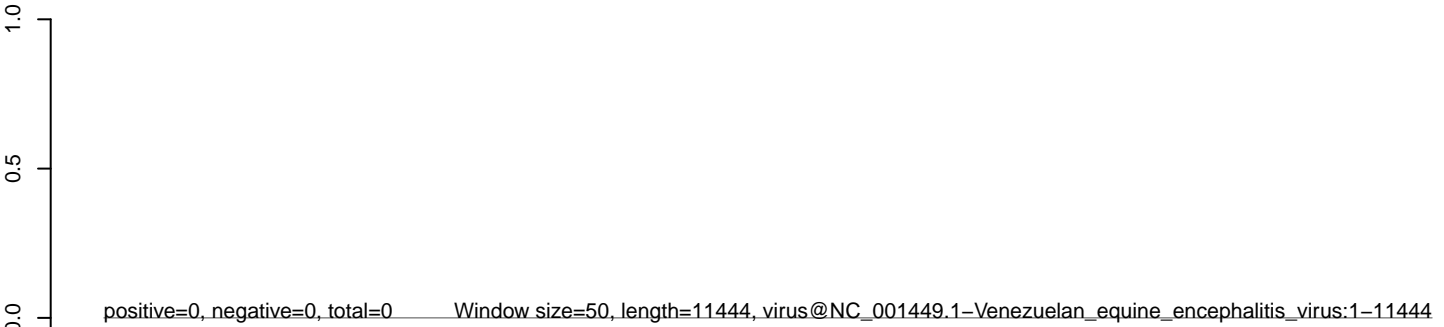
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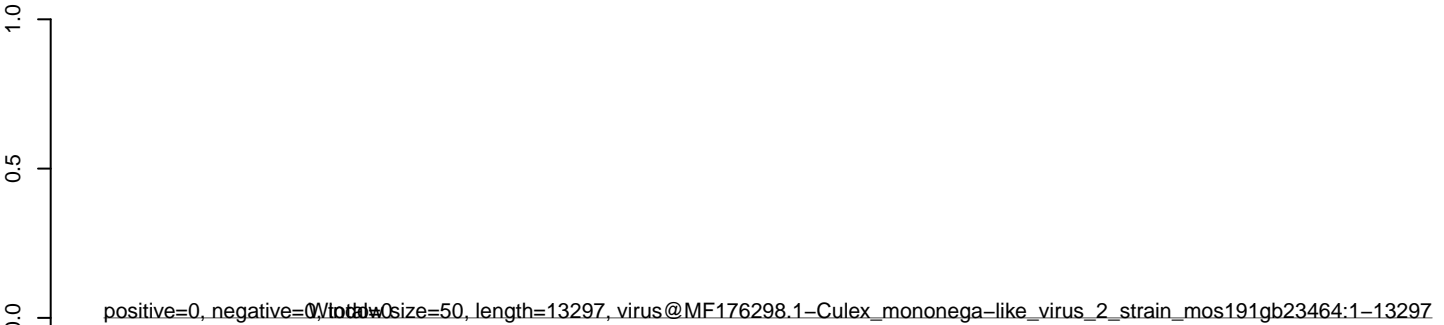
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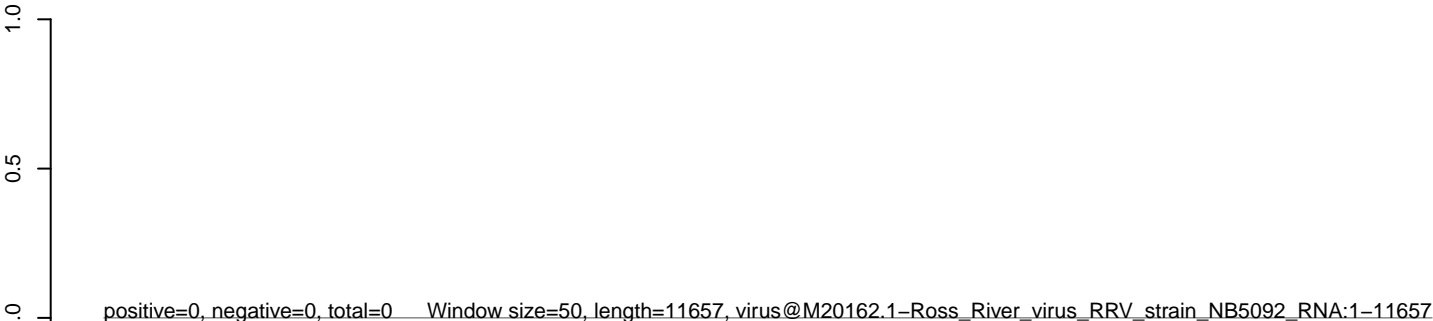
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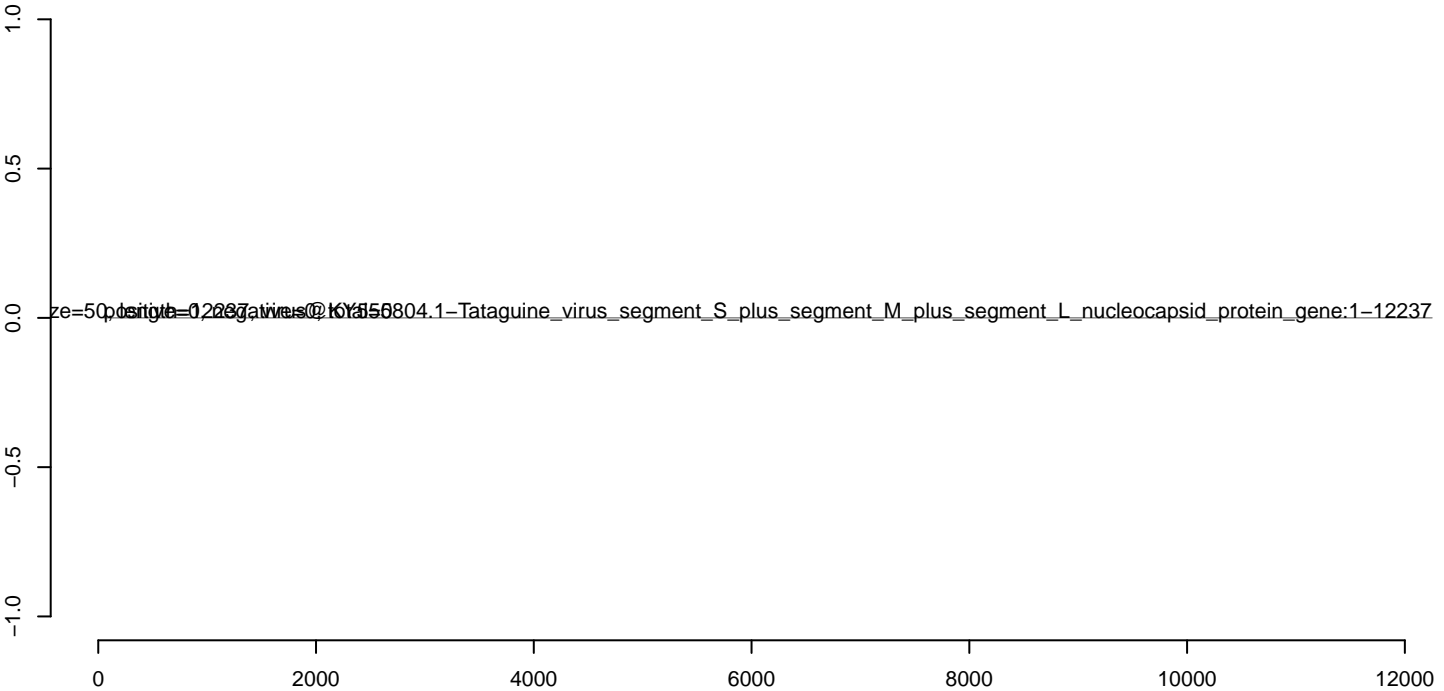
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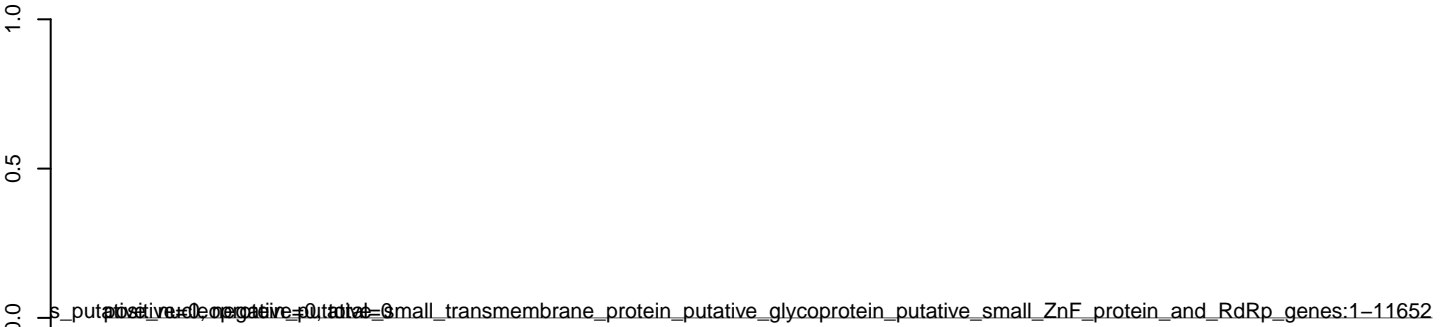
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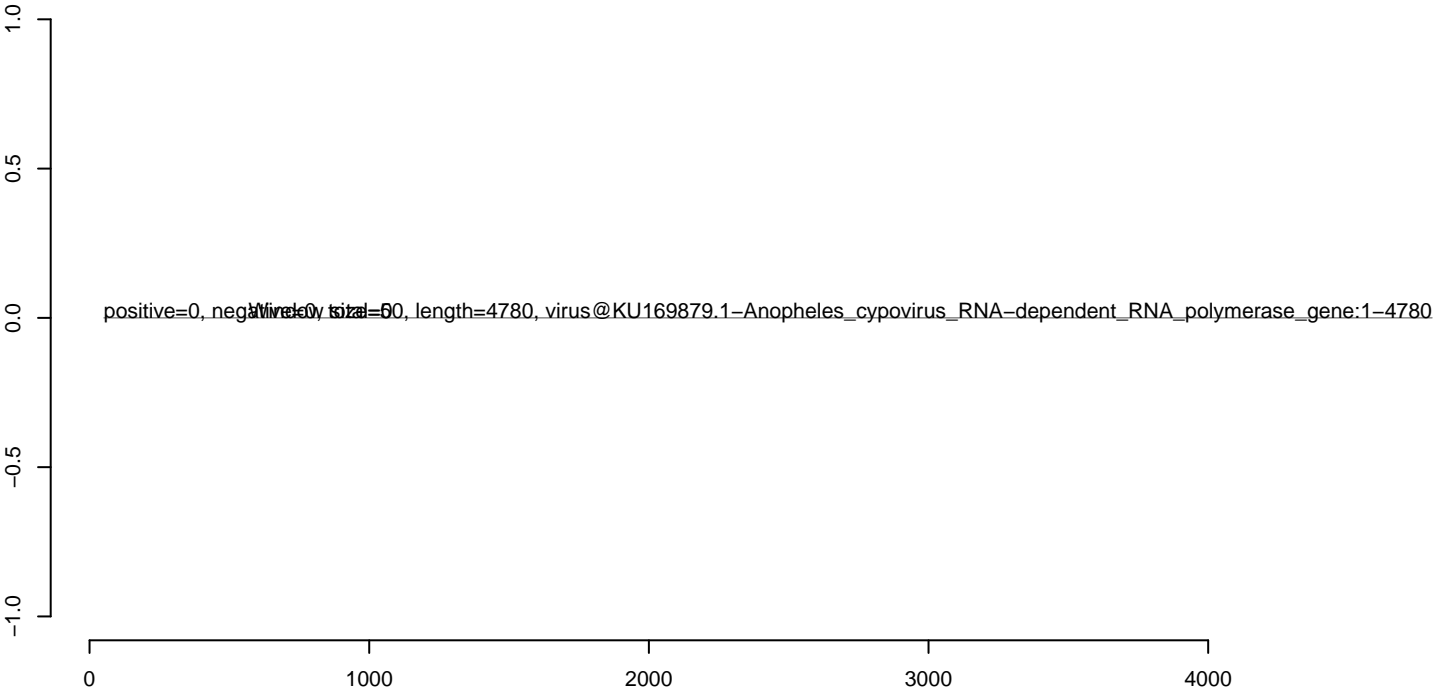
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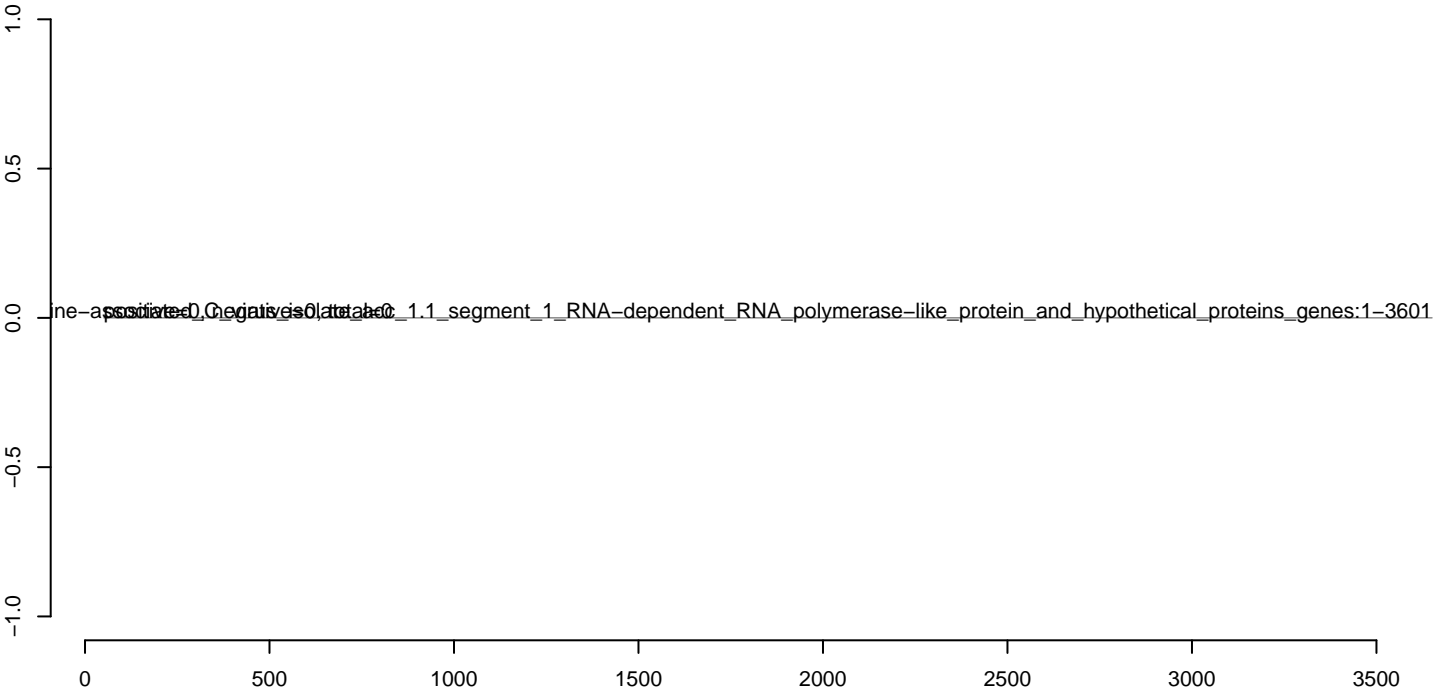
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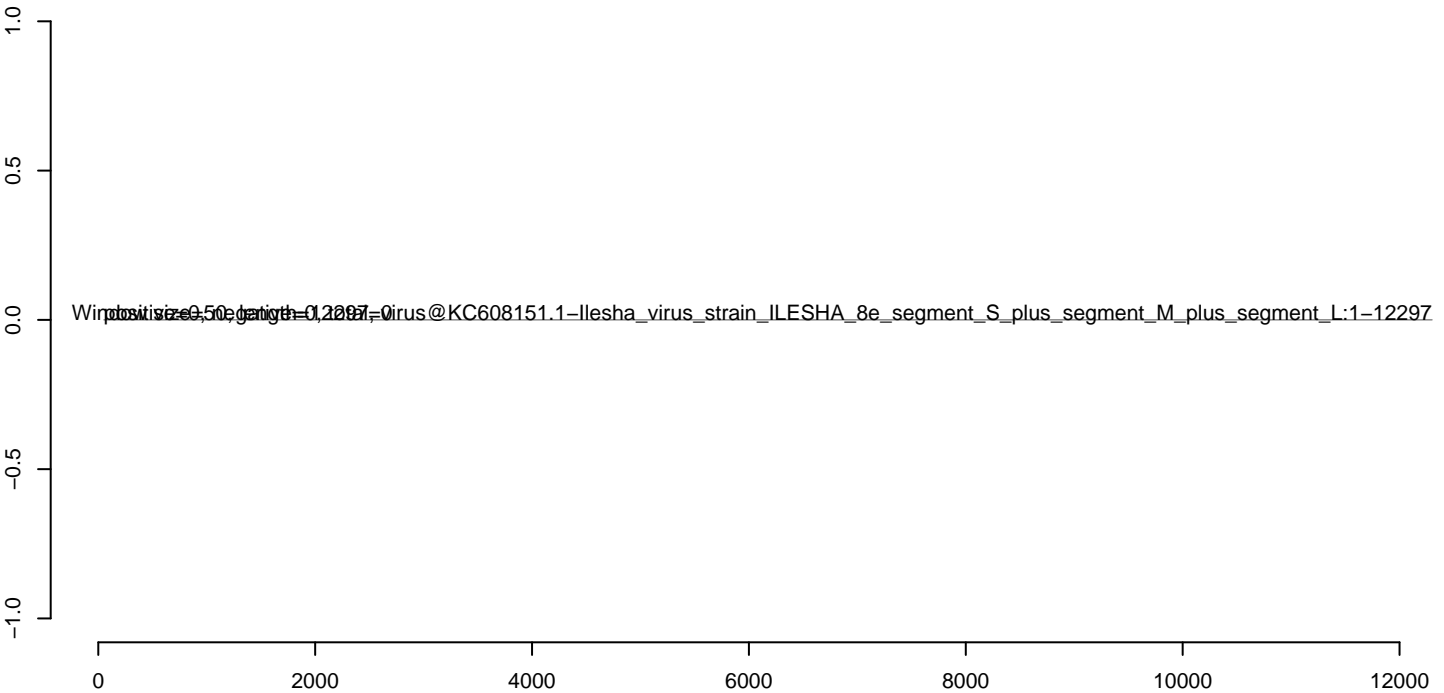
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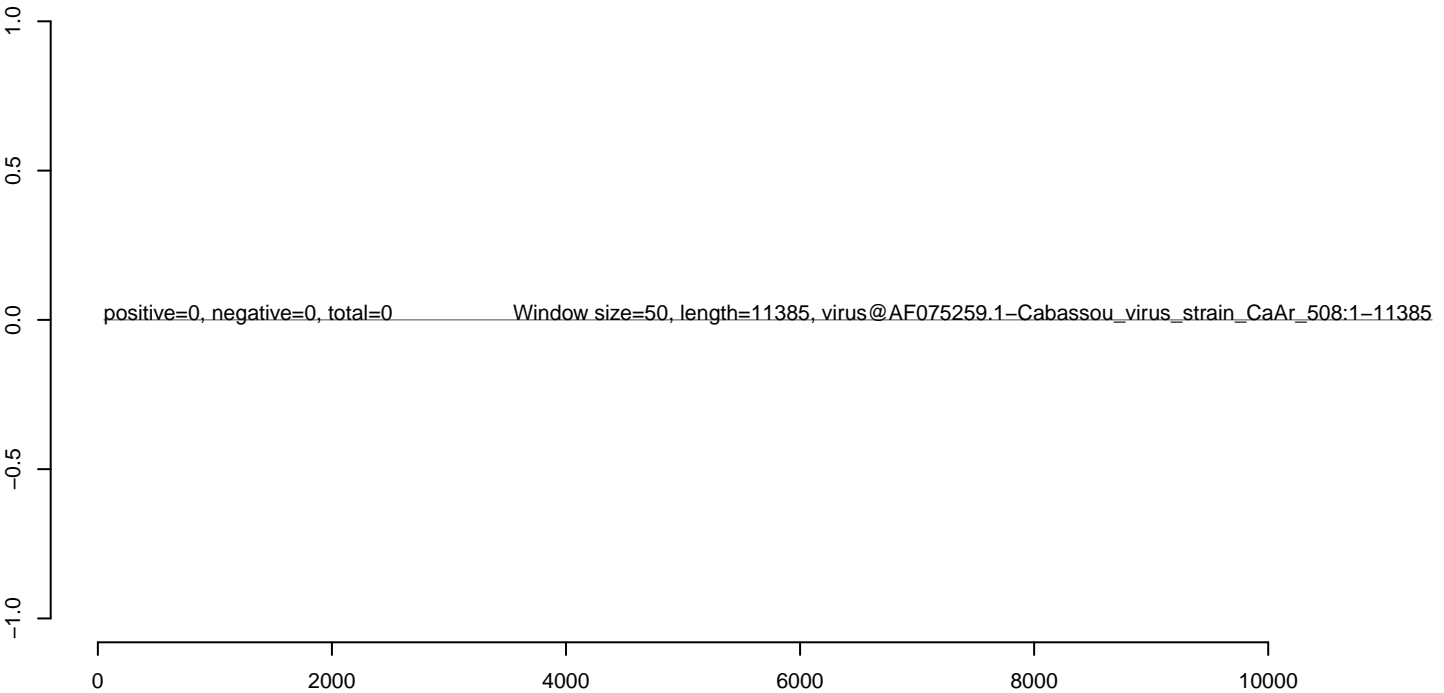
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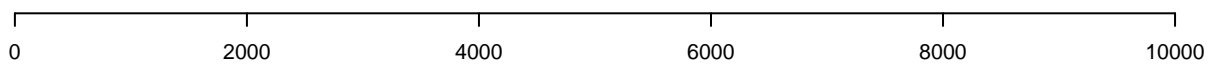
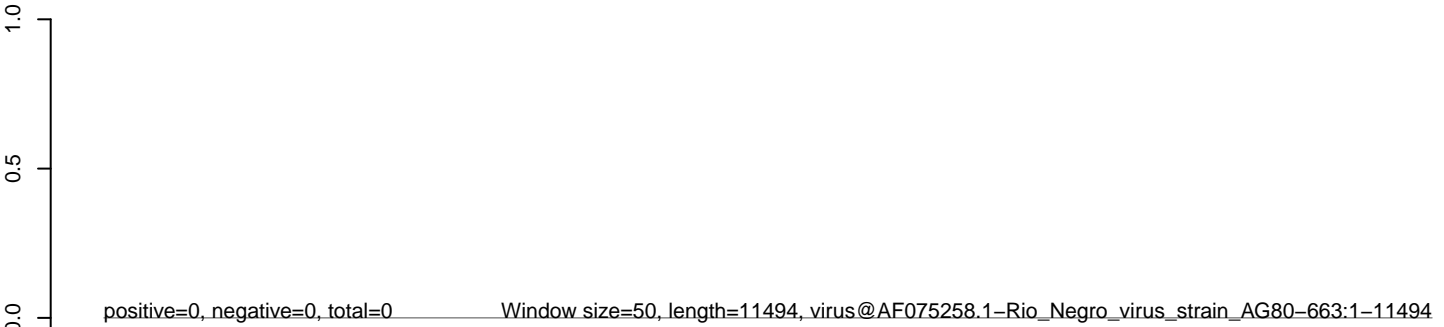
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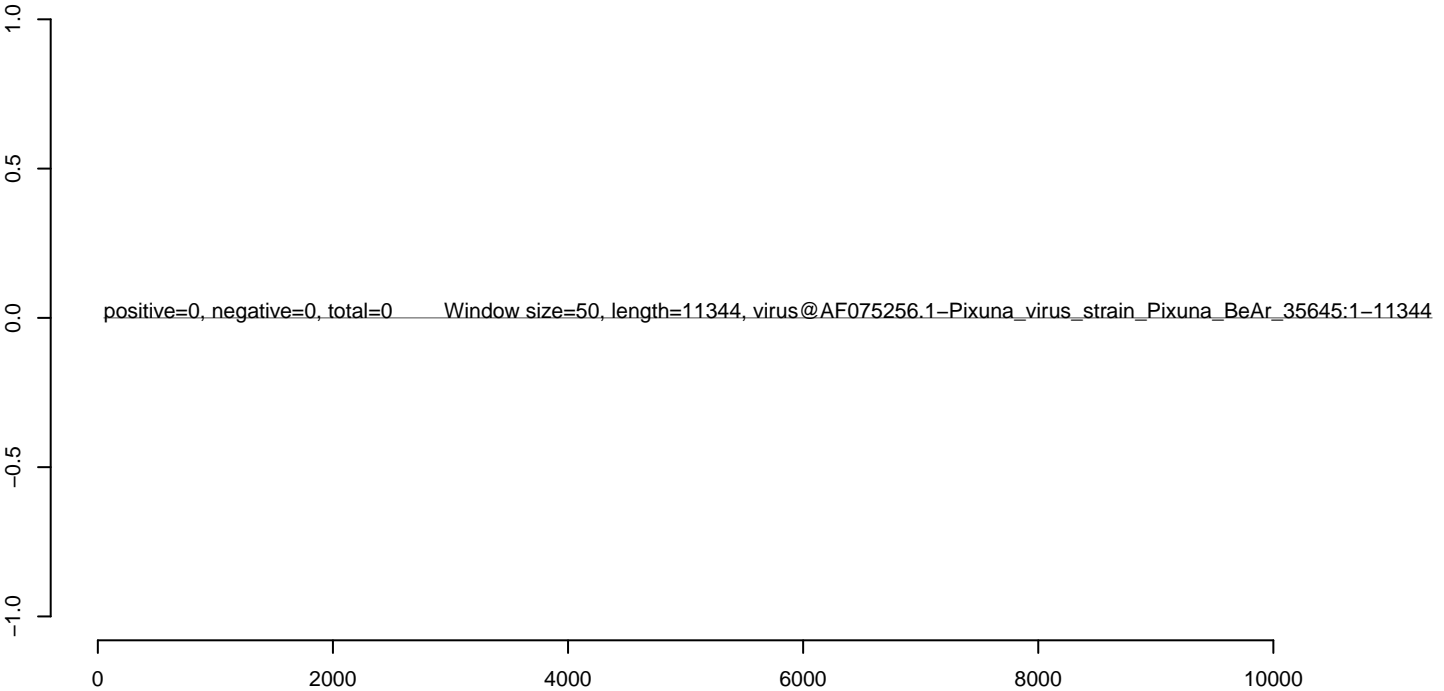
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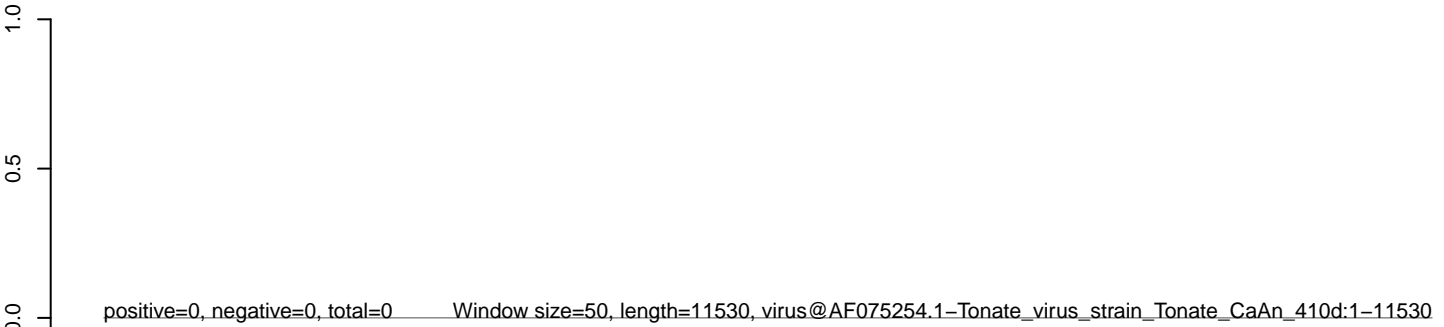
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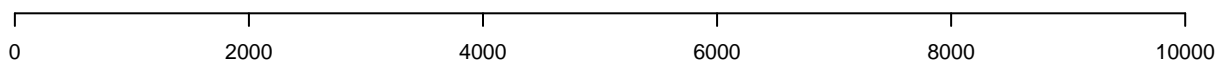
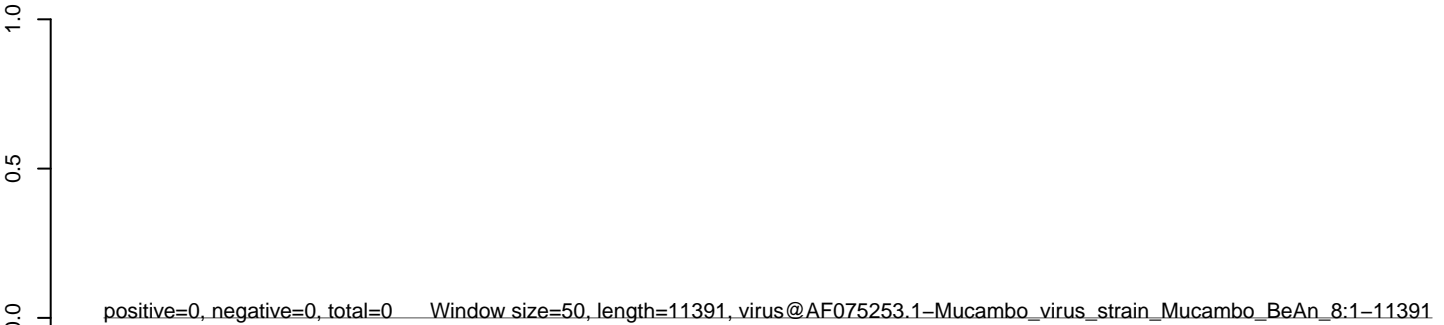
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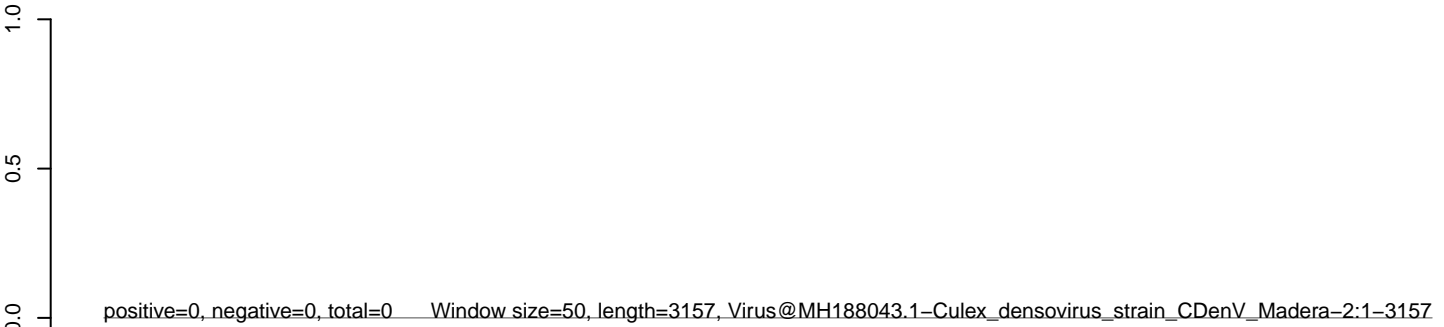
**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**



0 500 1000 1500 2000 2500 3000

**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV2NGC\_rep2.rep**

