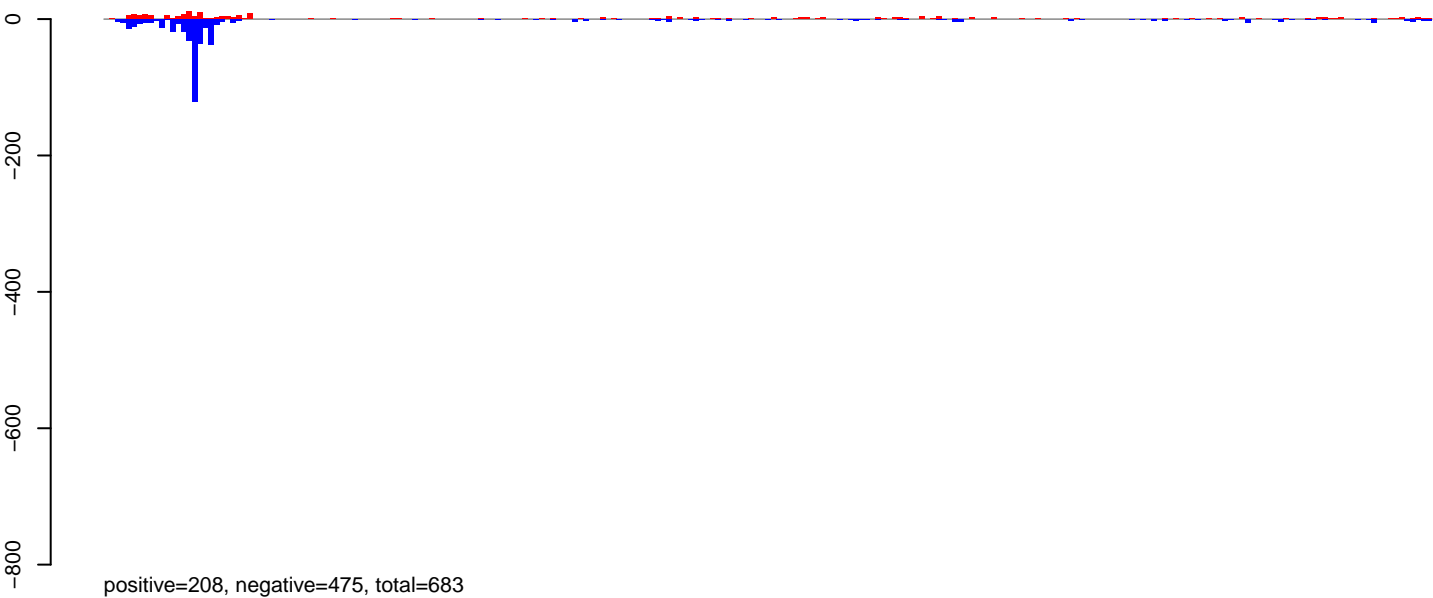
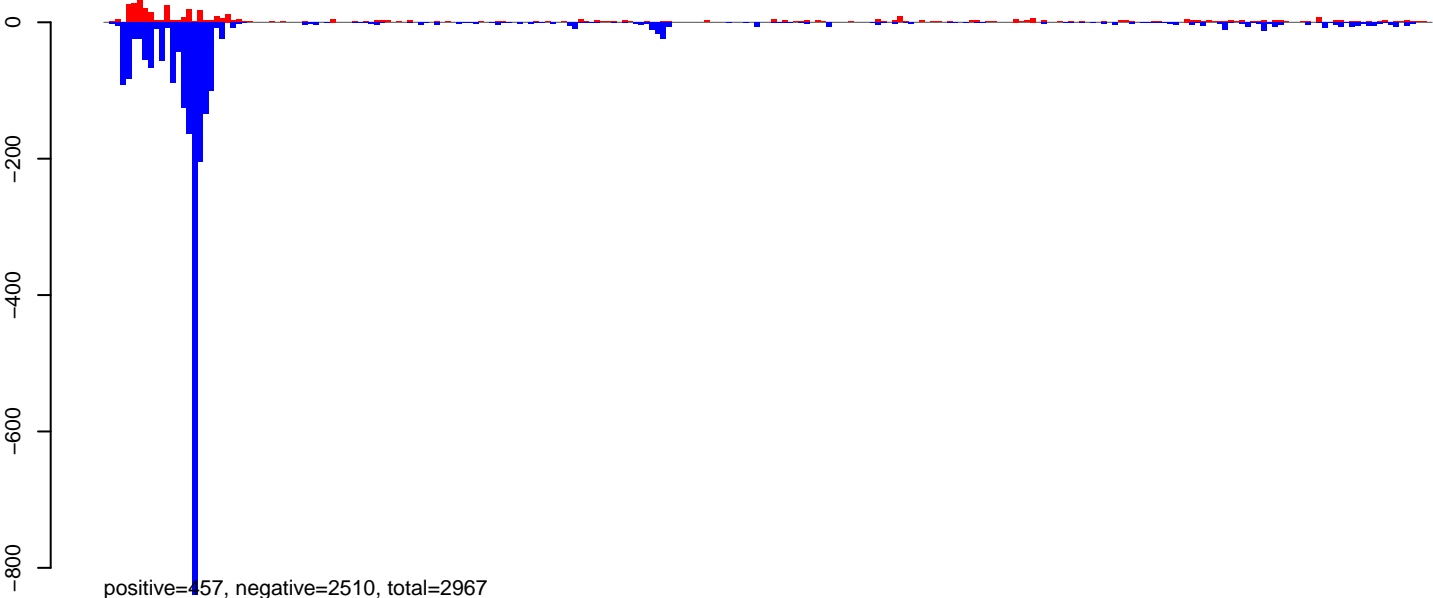


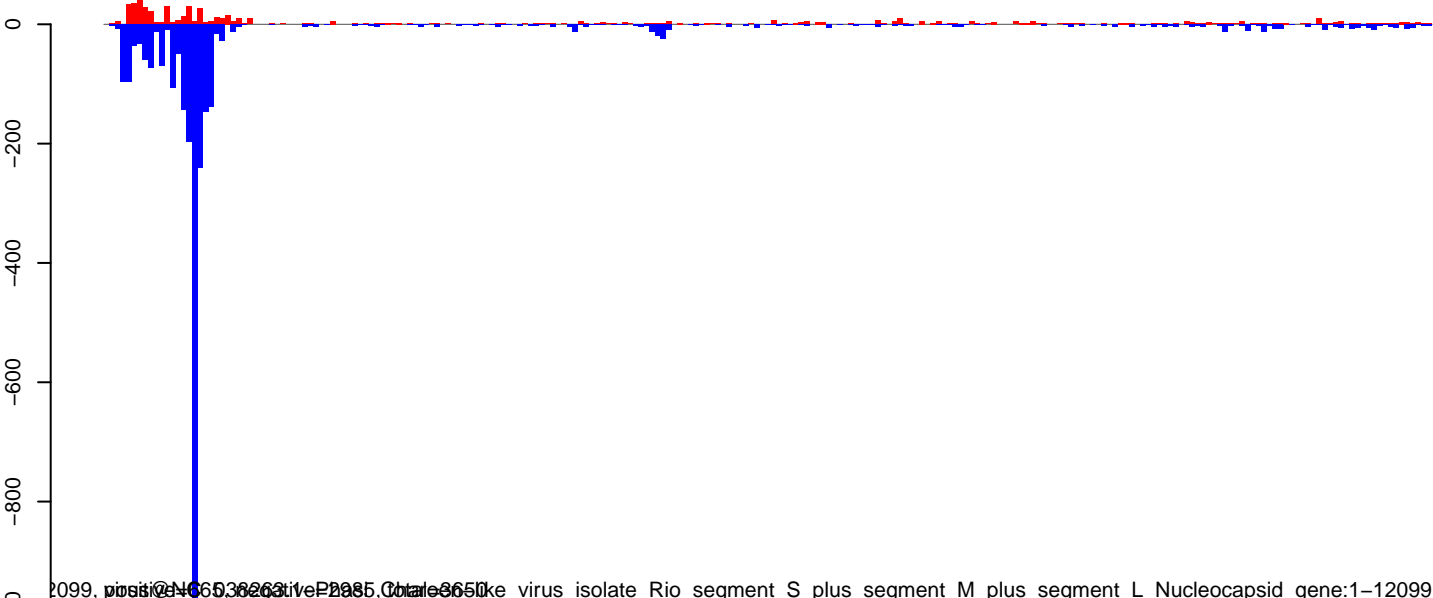
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



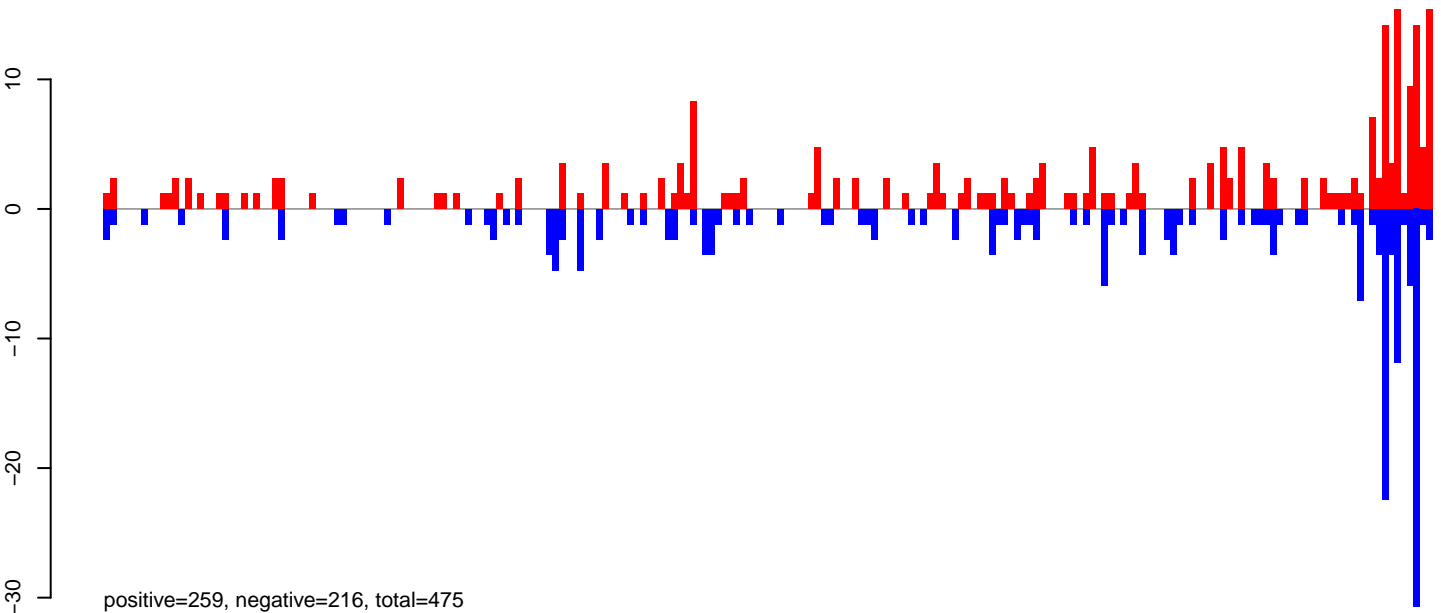
2099, positive=465, negative=11634, total=12099

2099, positive=465, negative=11634, total=12099

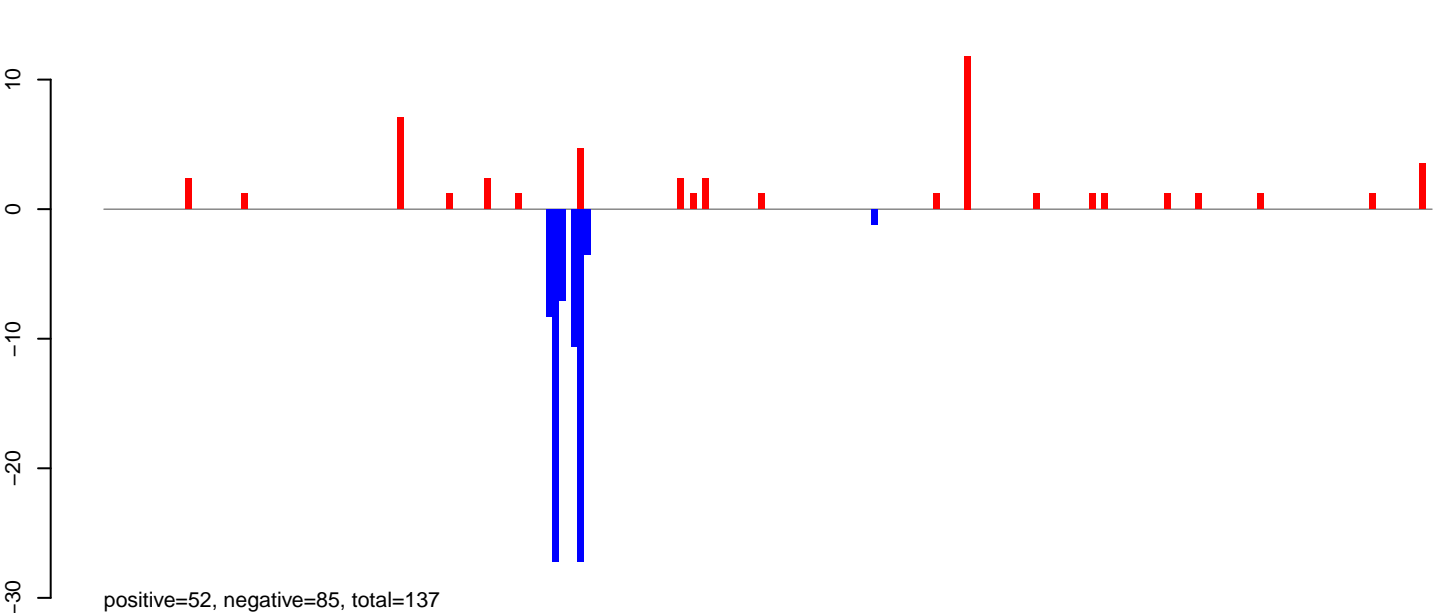
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2099, positive=465, negative=11634, total=12099

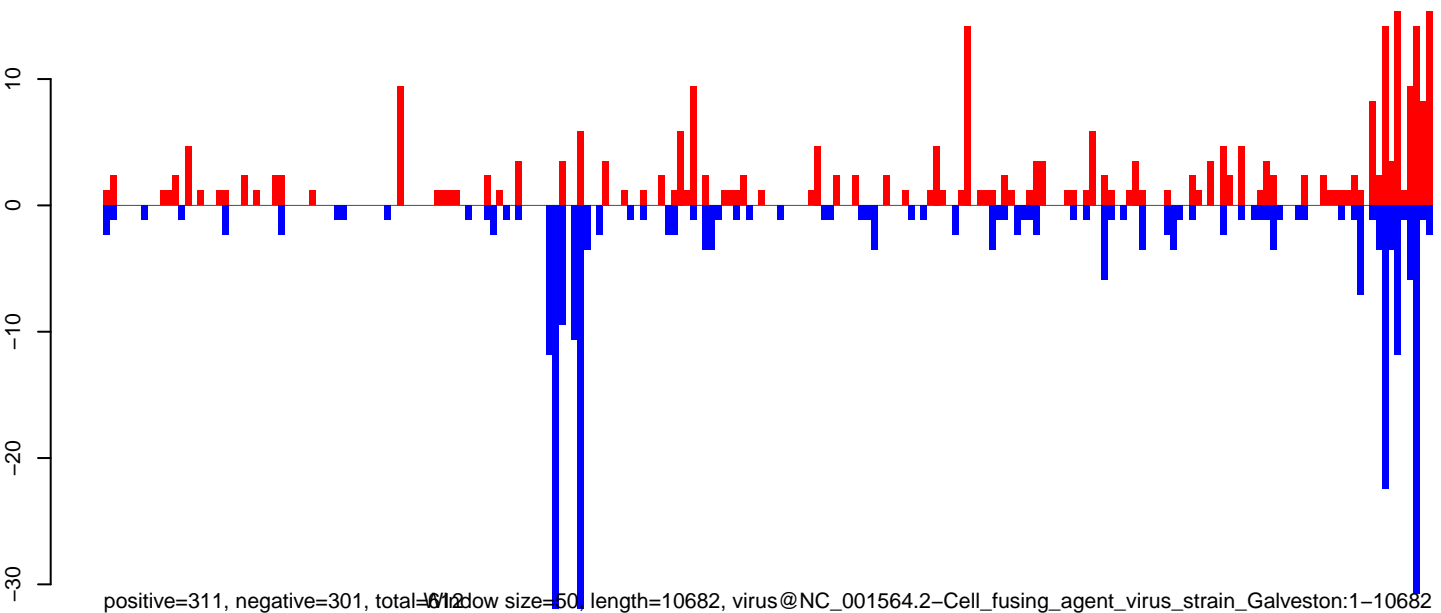
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AeAeg\_Aag2smallIRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

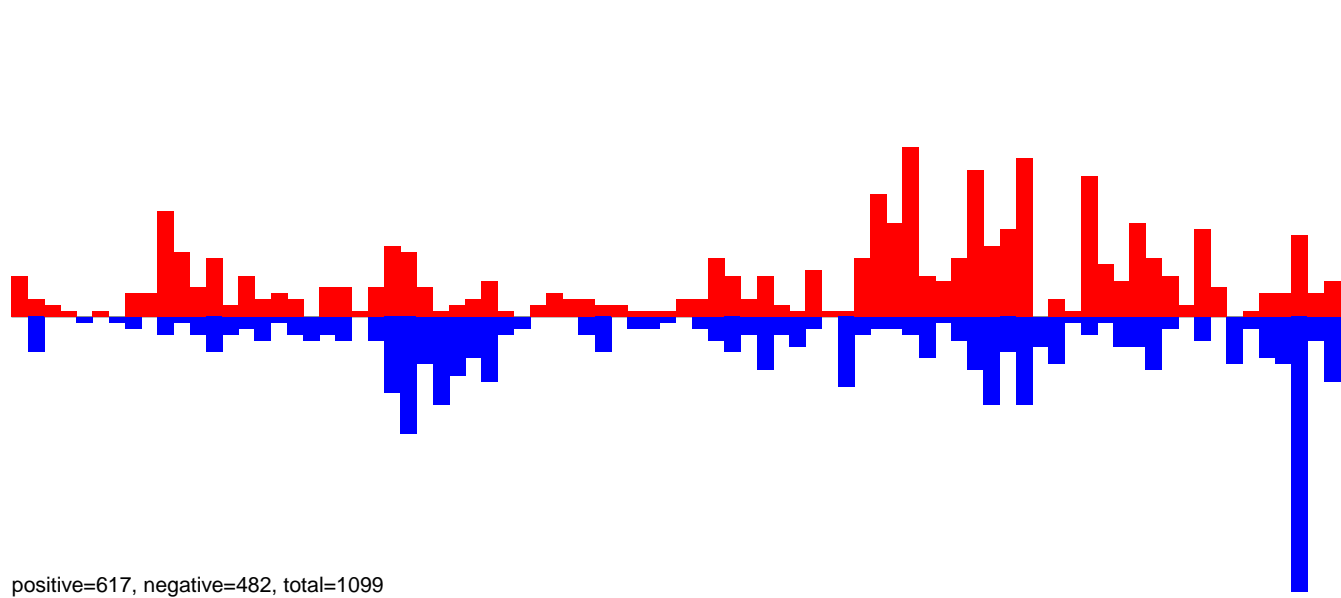


AeAeg\_Aag2smallIRNA\_Ctrl\_rep\_3\_Q.matrix.rep

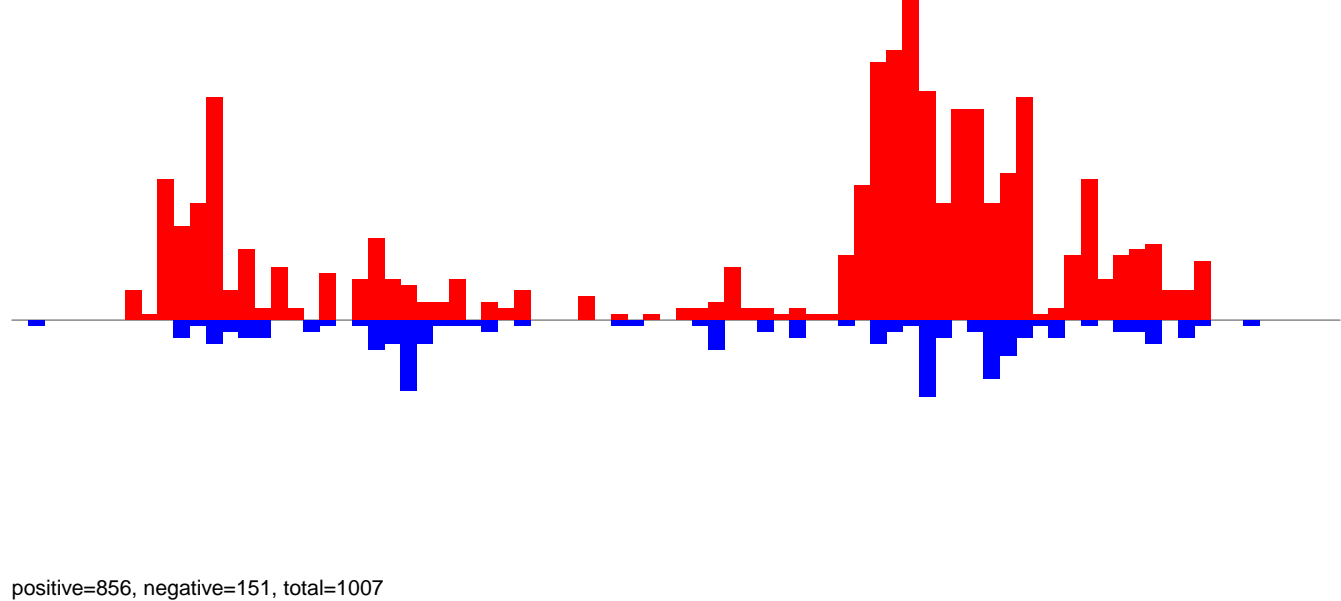


Window size=50, length=10682, virus@NC\_001564.2-Cell\_fusing\_agent\_virus\_strain\_Galveston:1-10682

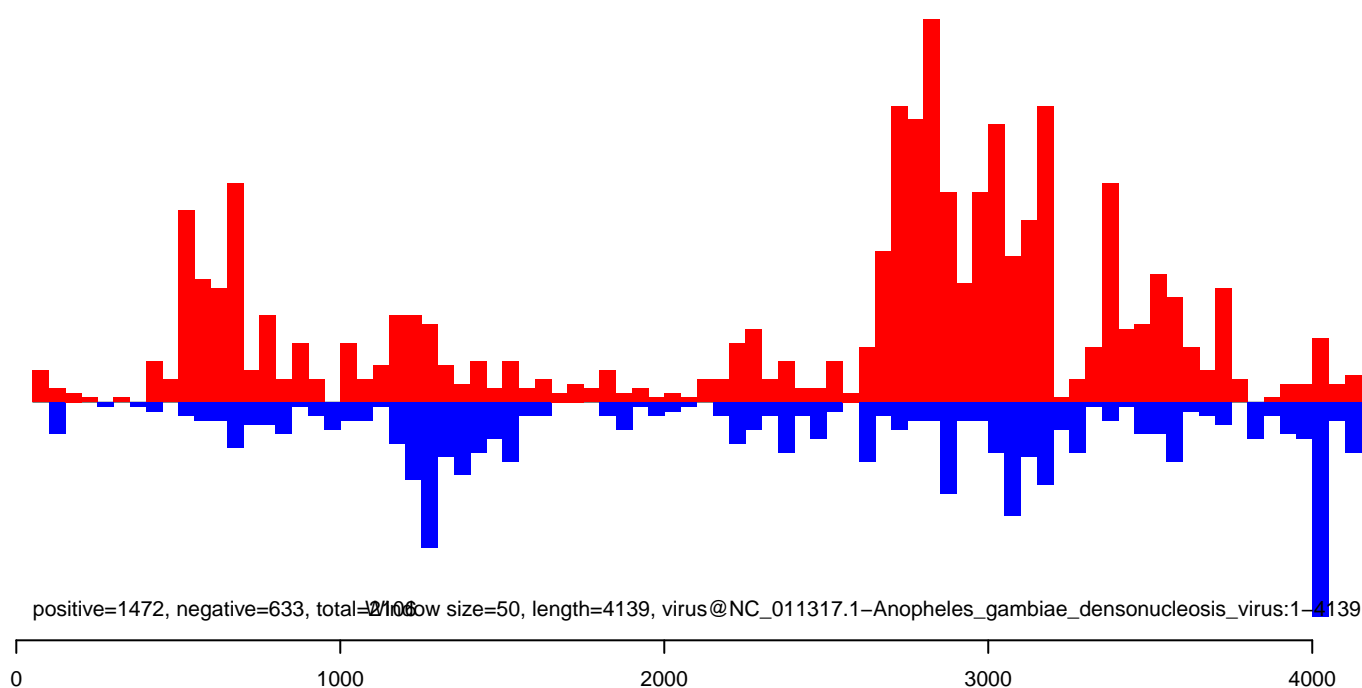
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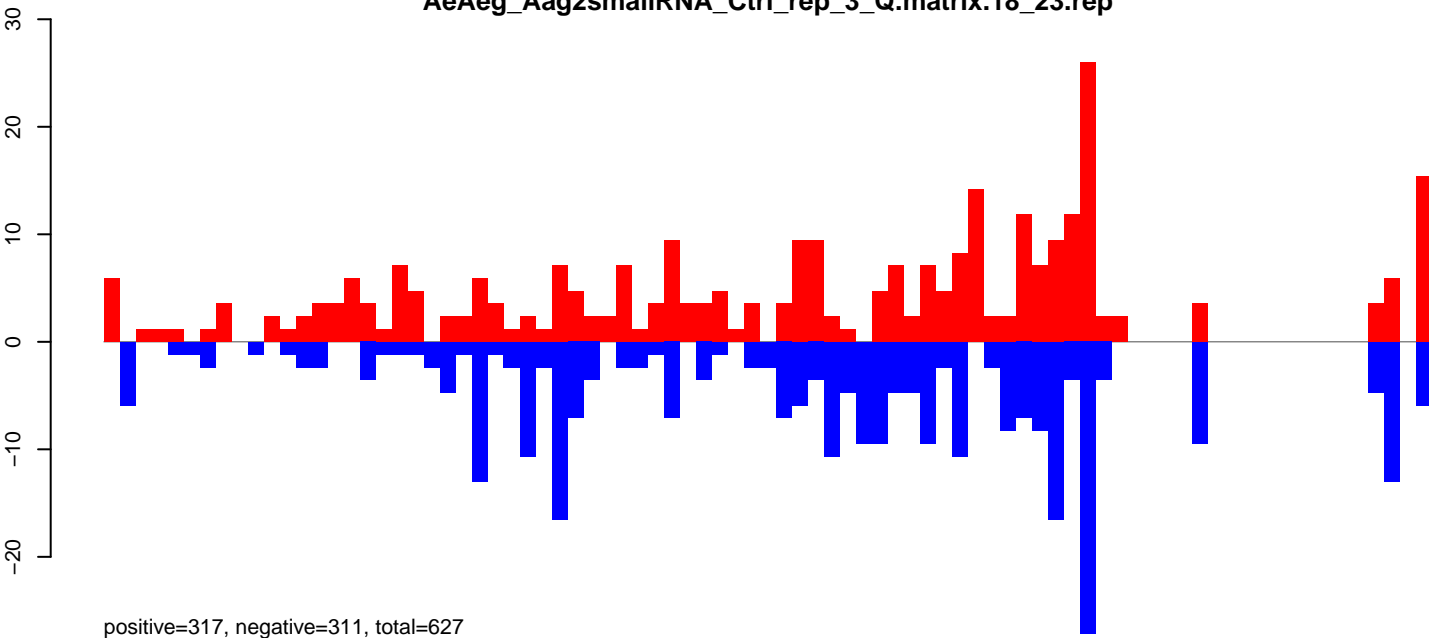
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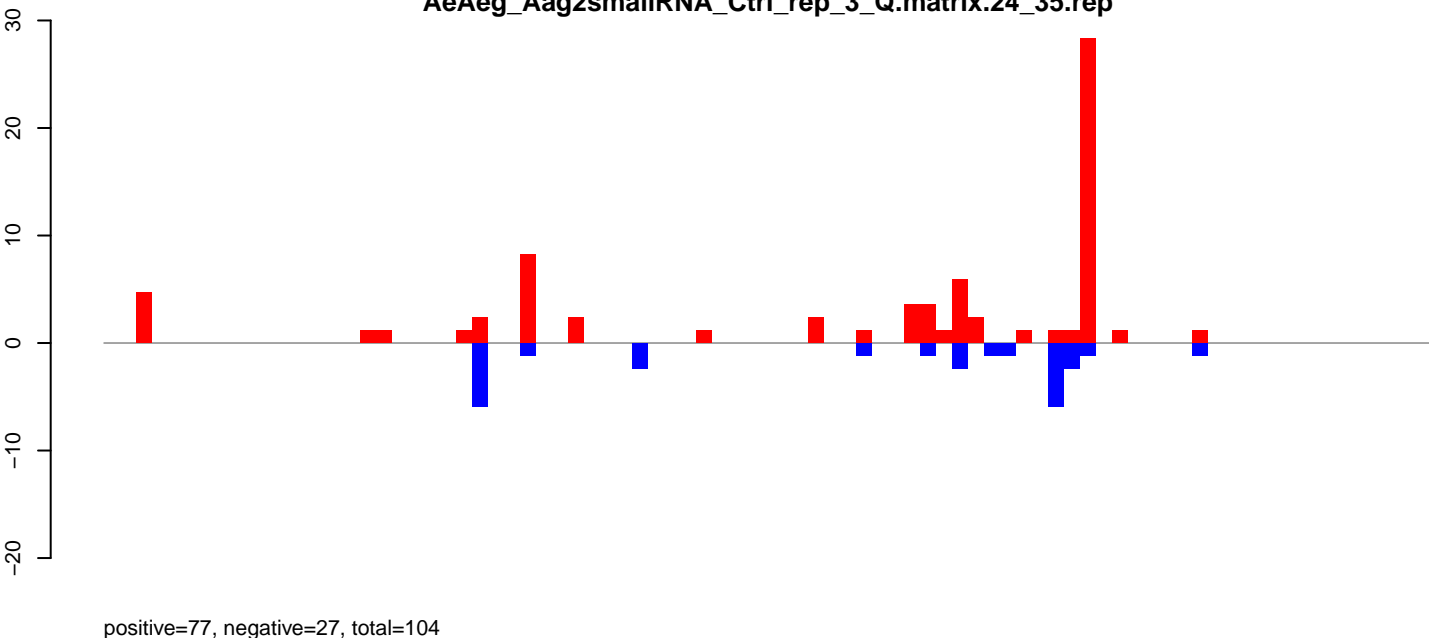
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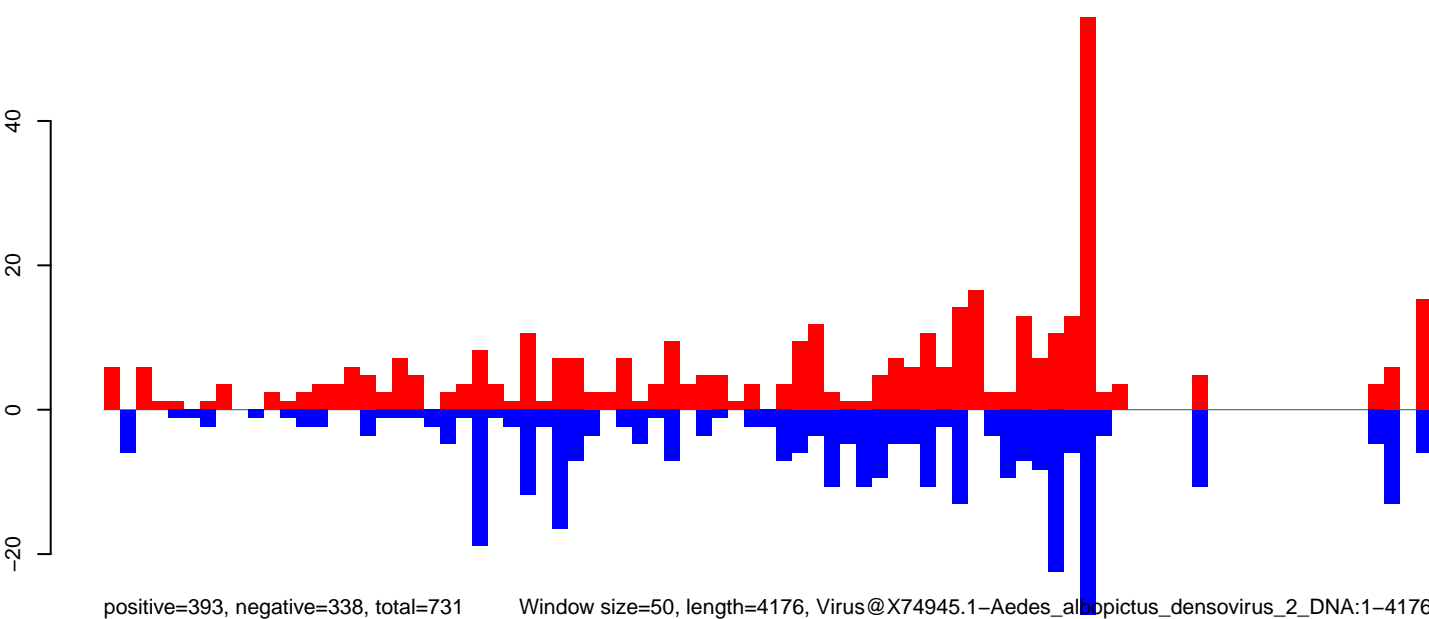
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

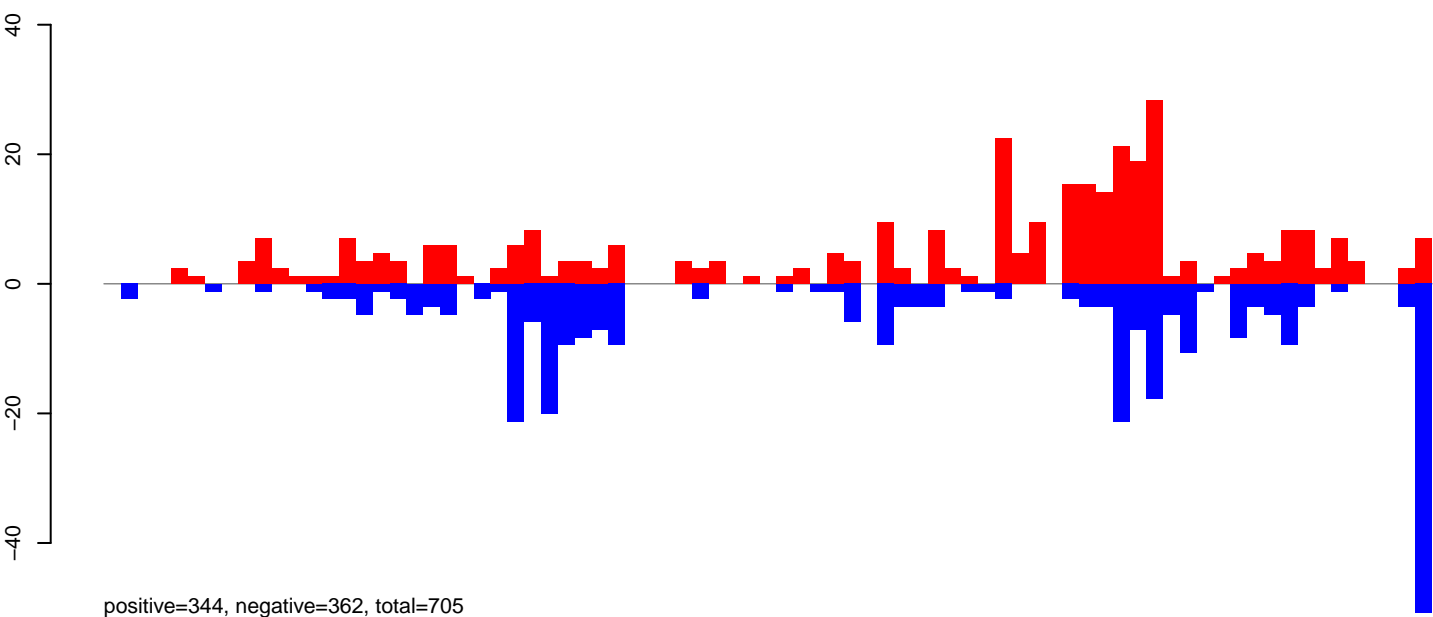


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

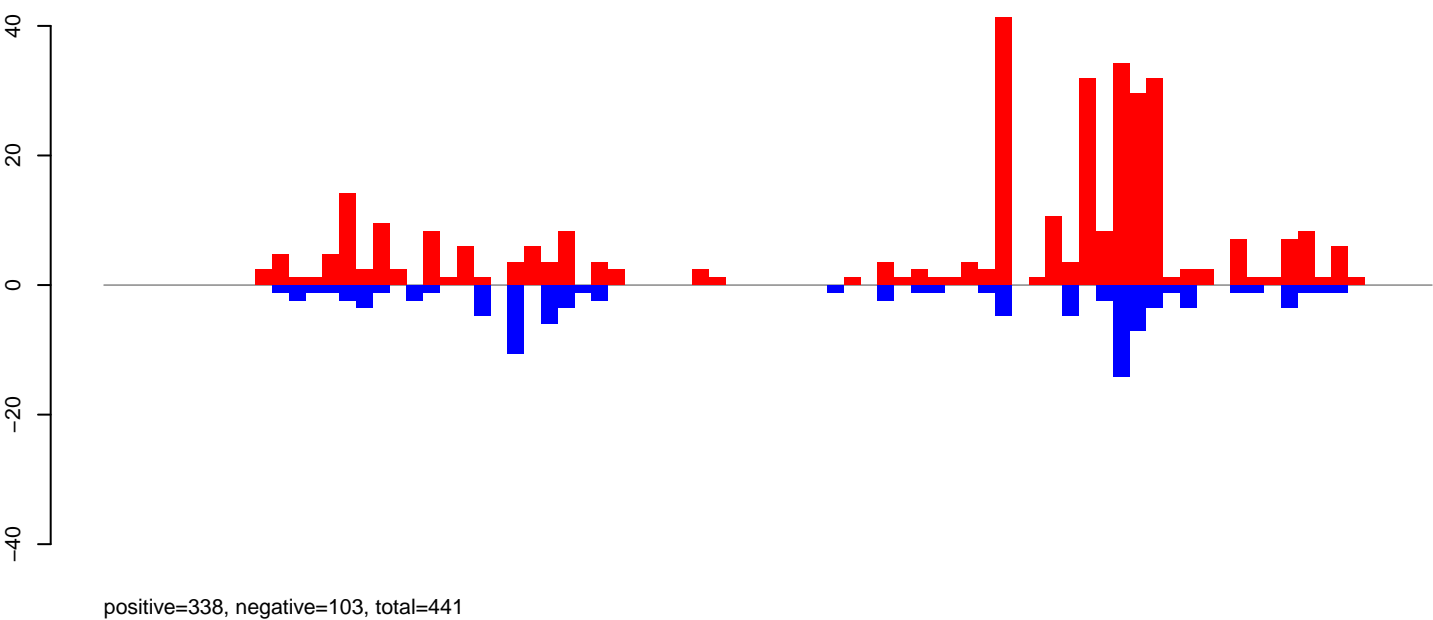


Window size=50, length=4176, Virus@X74945.1-Aedes albopictus\_densovirus\_2\_DNA:1-4176

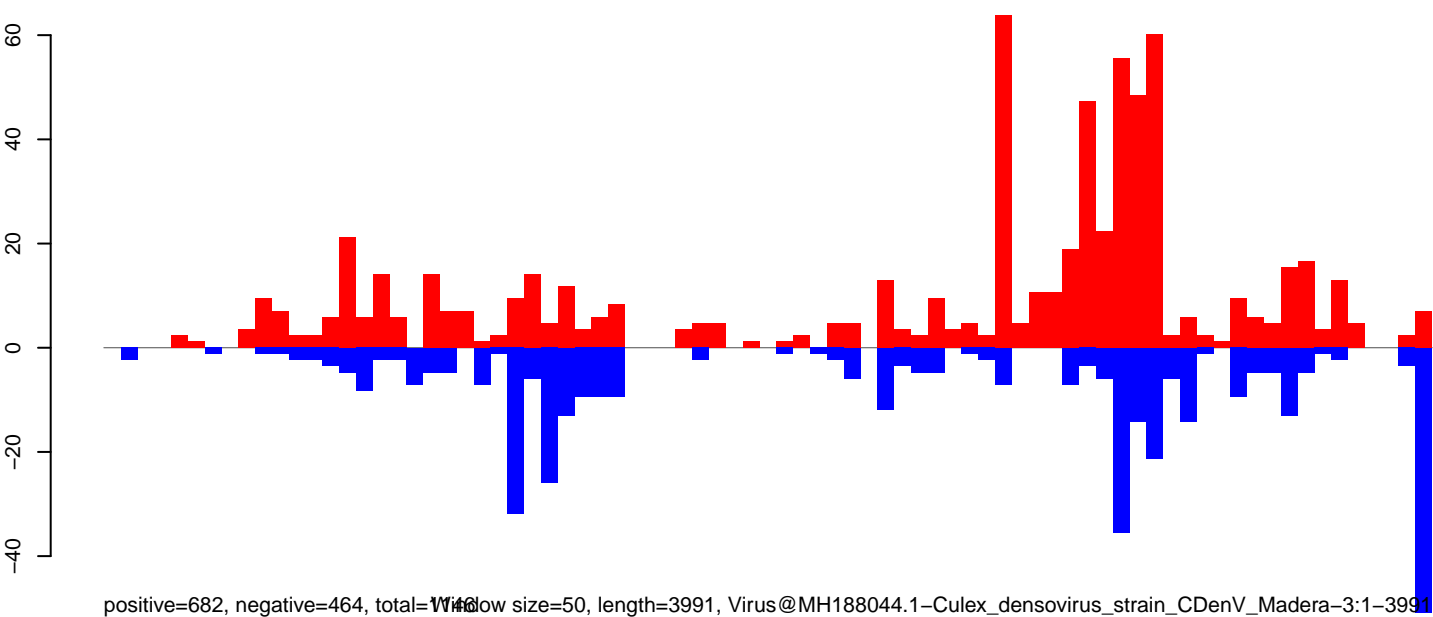
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

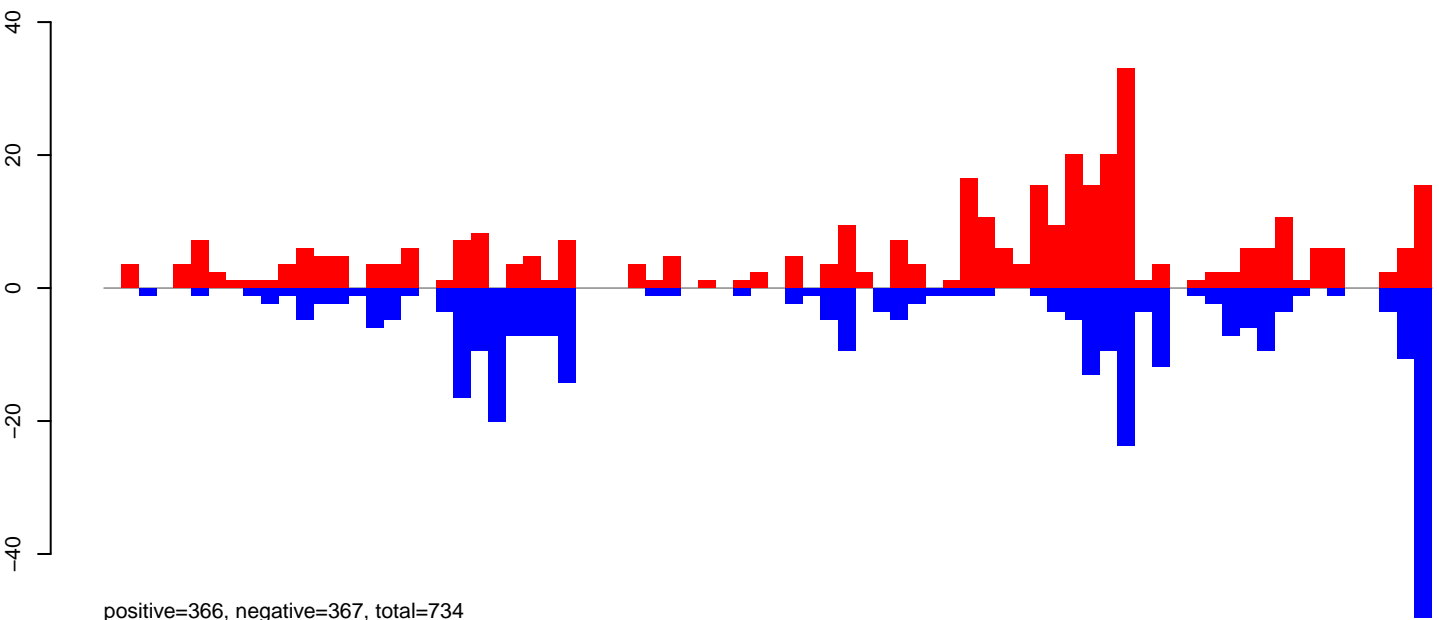


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

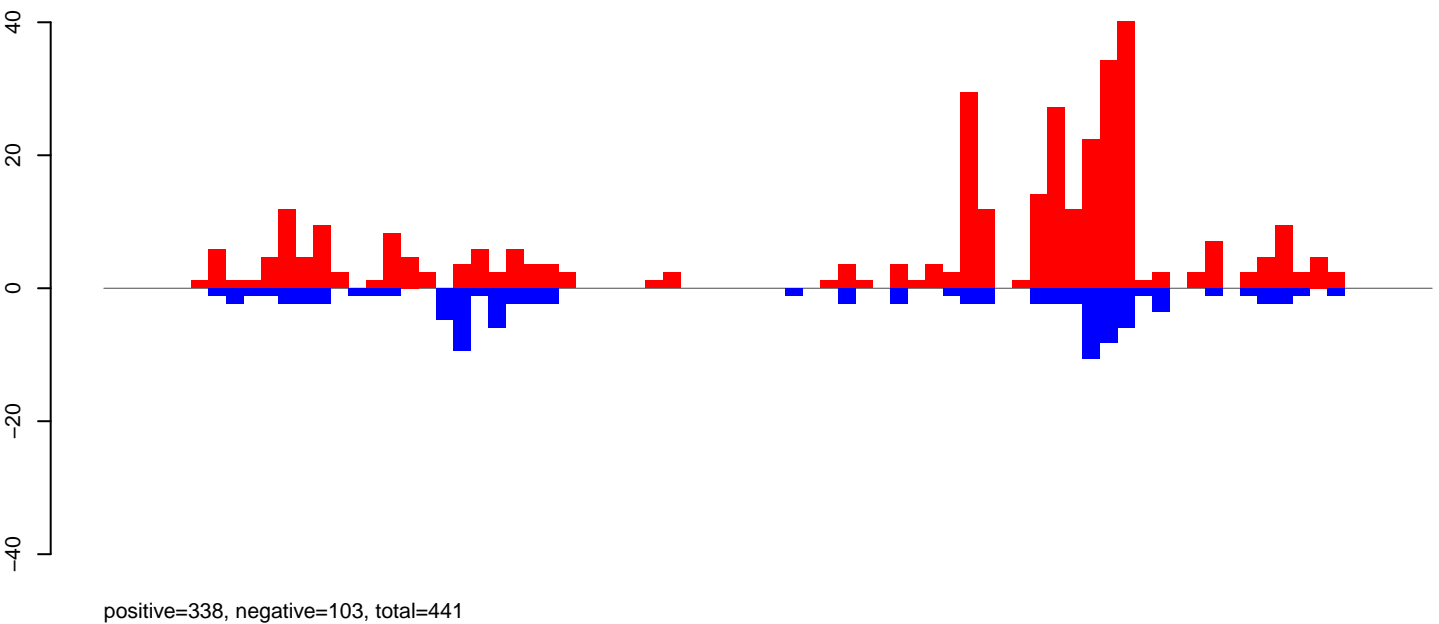




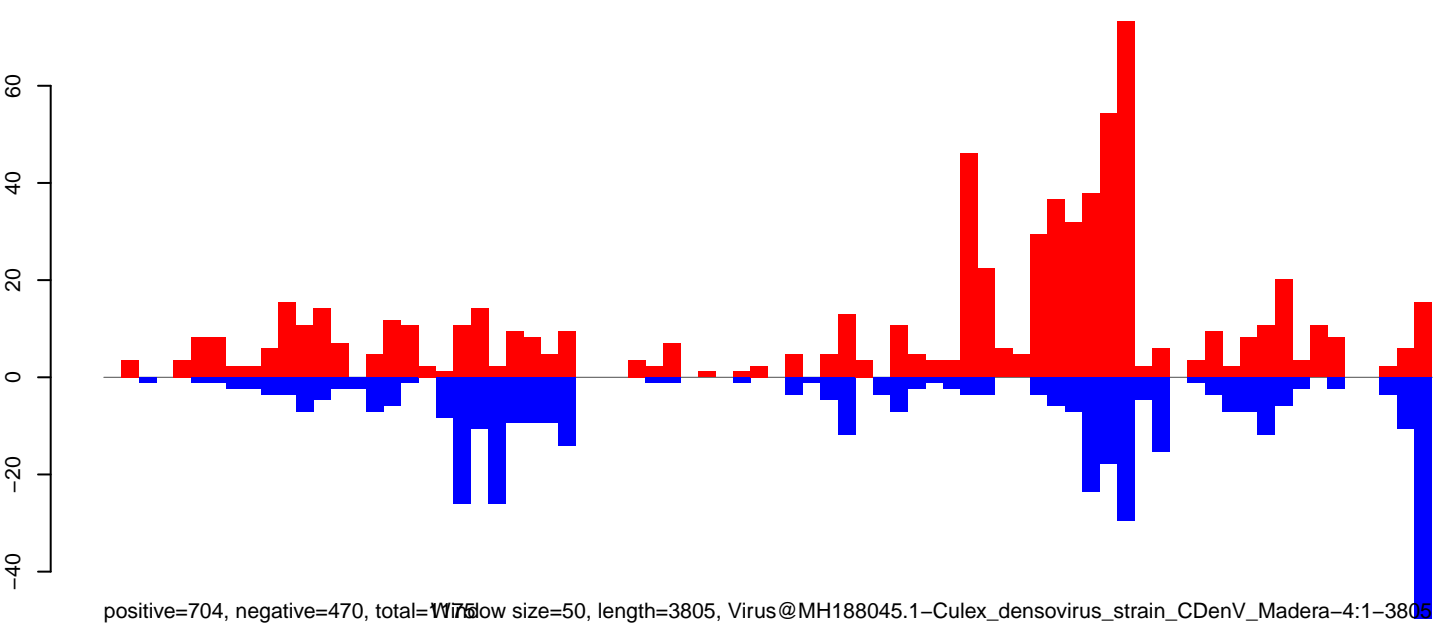
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



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

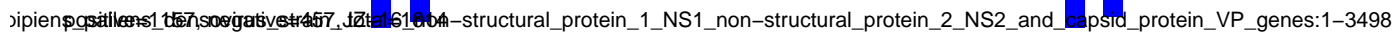
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



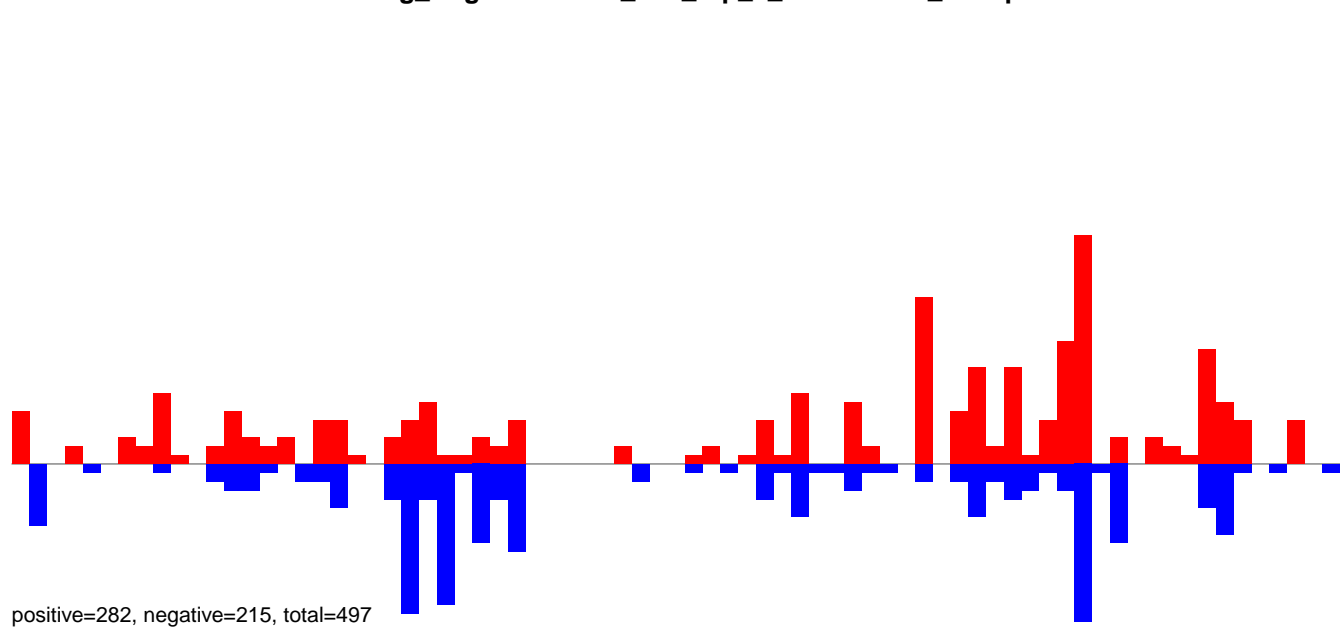
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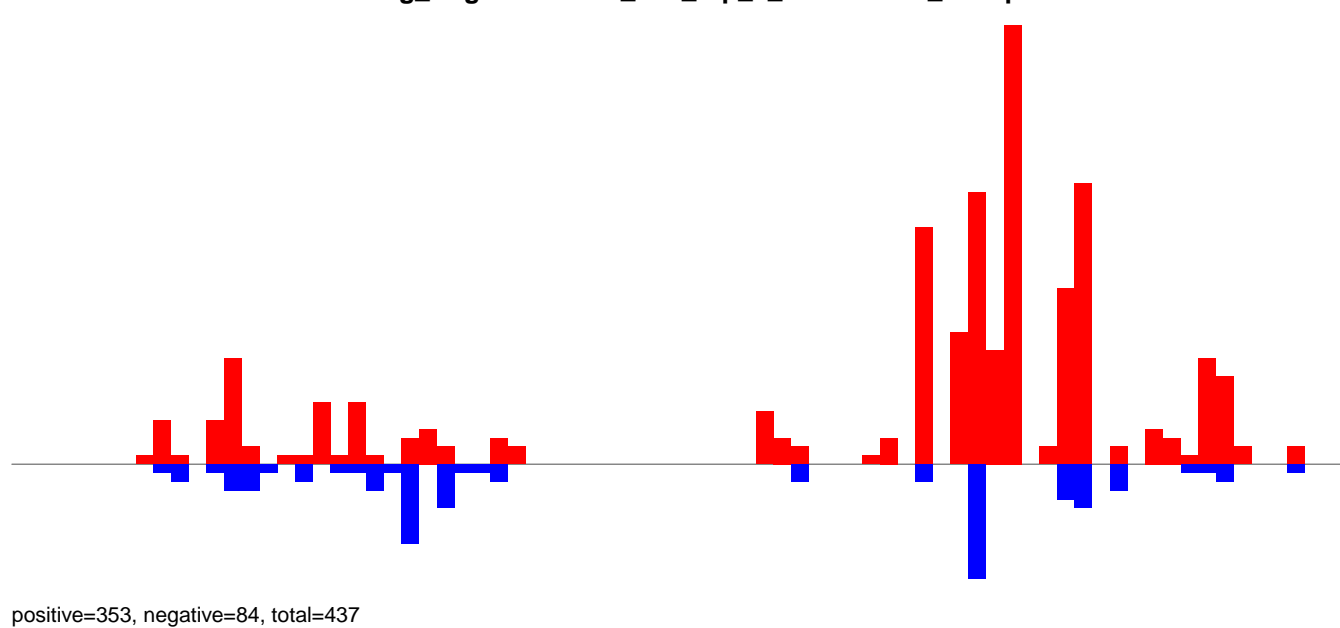
xiipien\_positives1157,negative457,17to161004-structural\_protein\_1\_NS1\_non-structural\_protein\_2\_NS2\_and\_capsid\_protein\_VP\_genes:1-3498



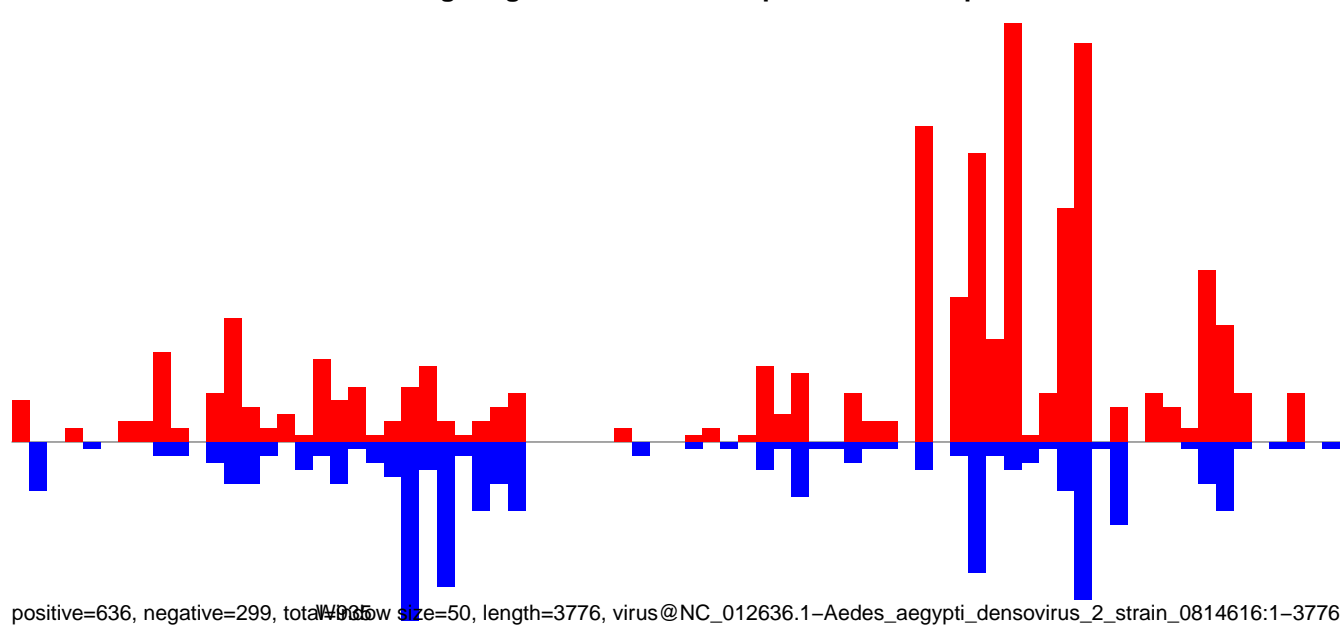
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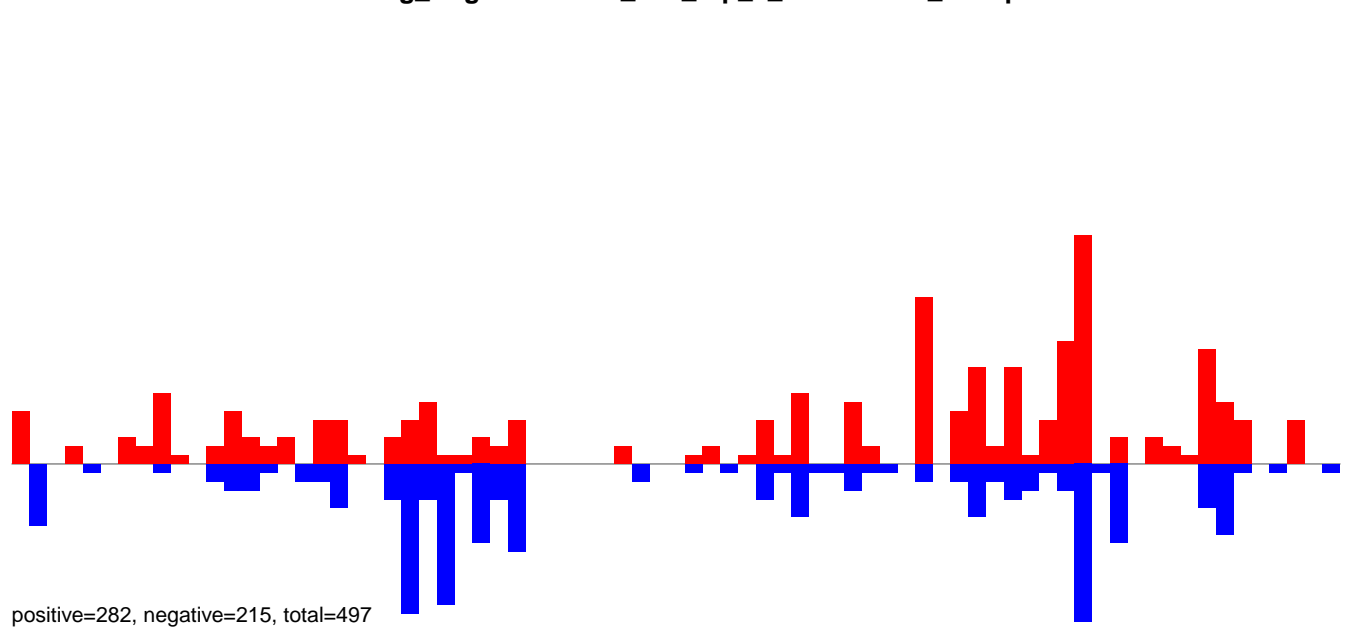
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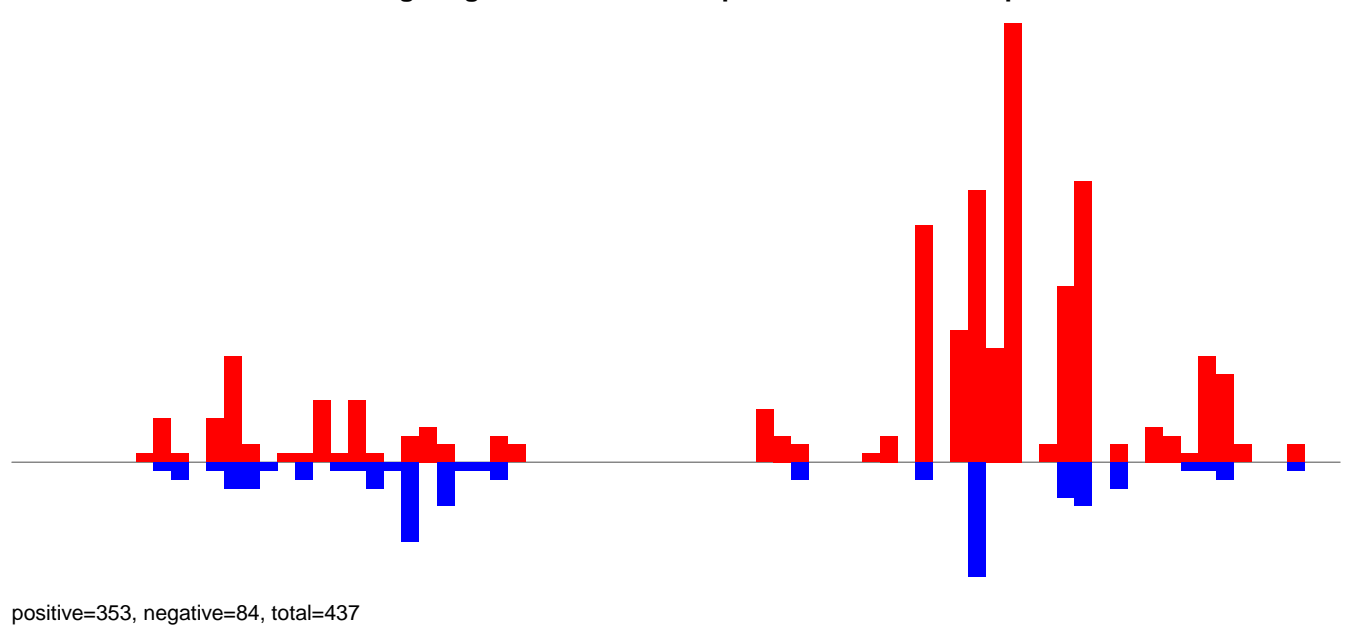
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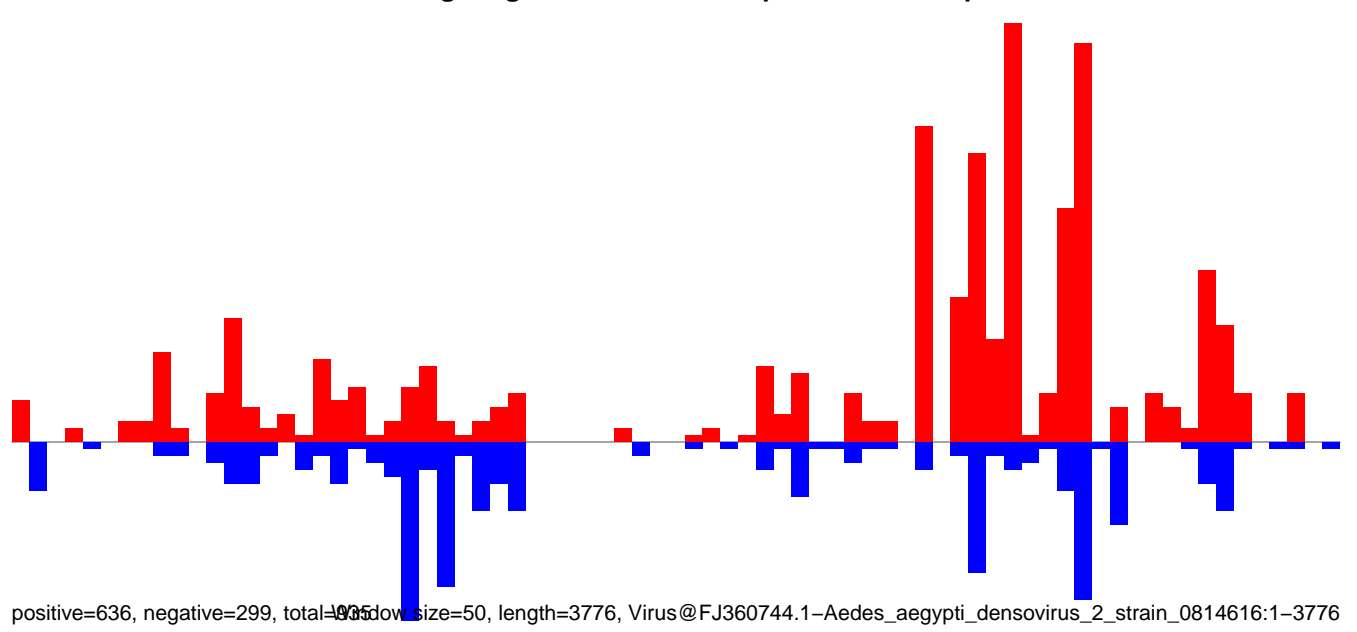
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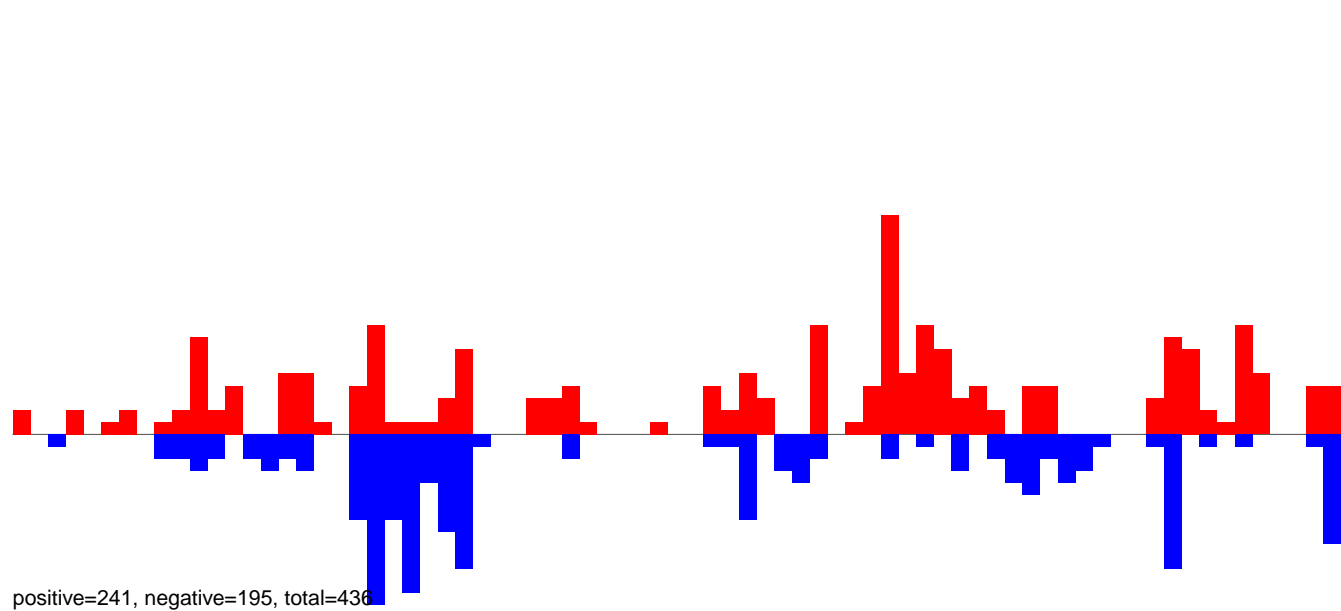
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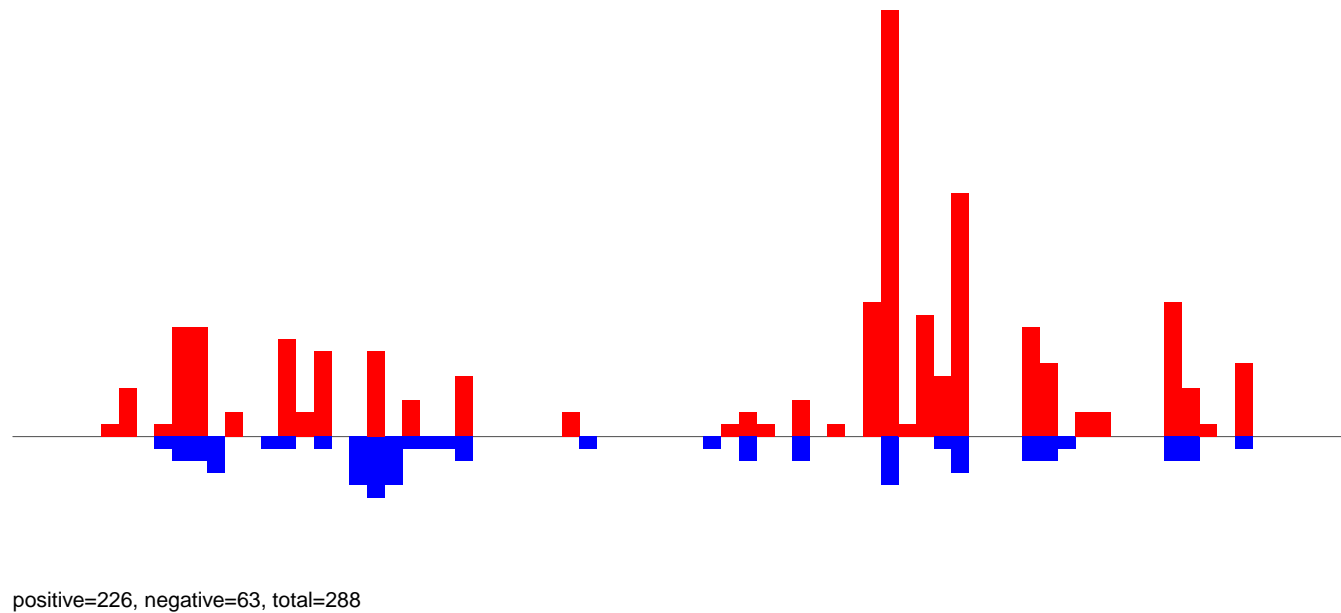
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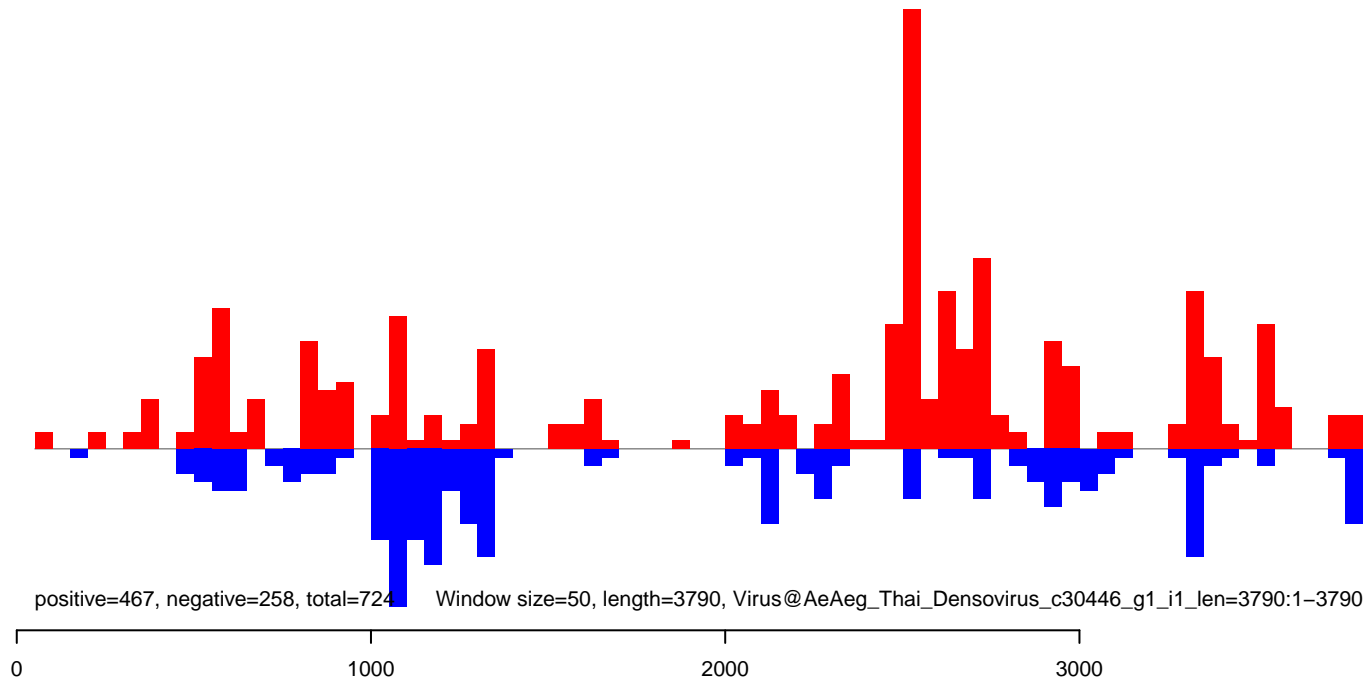
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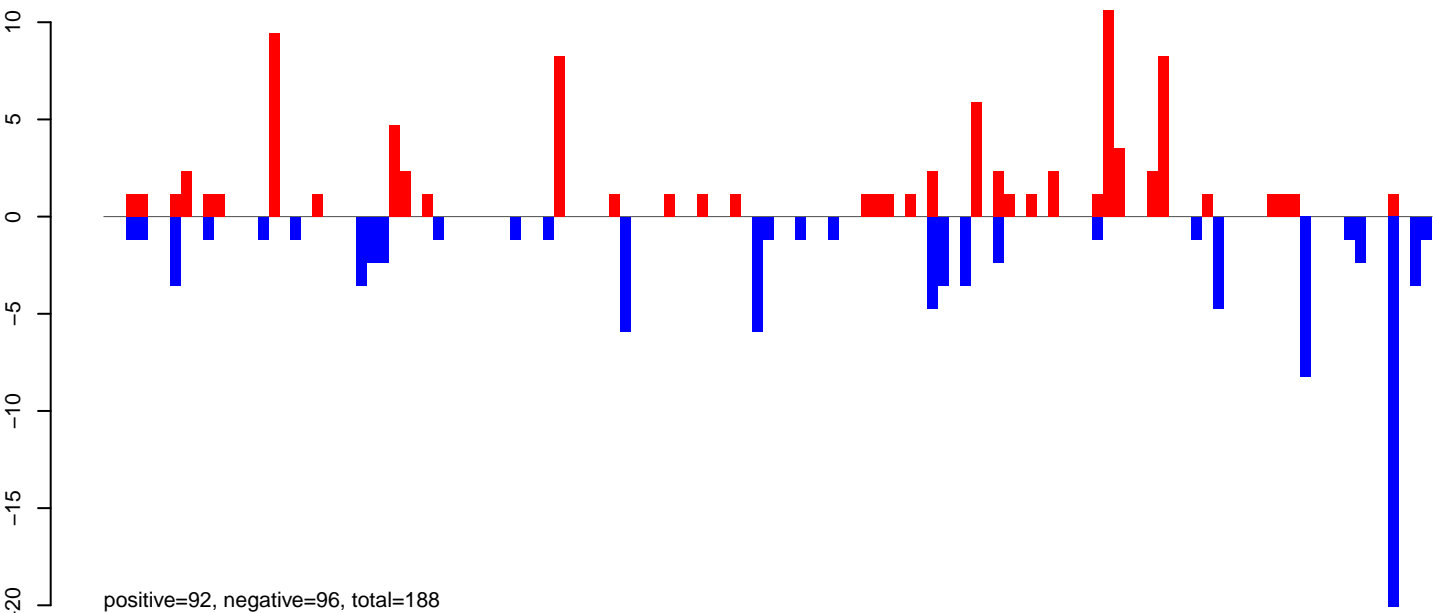
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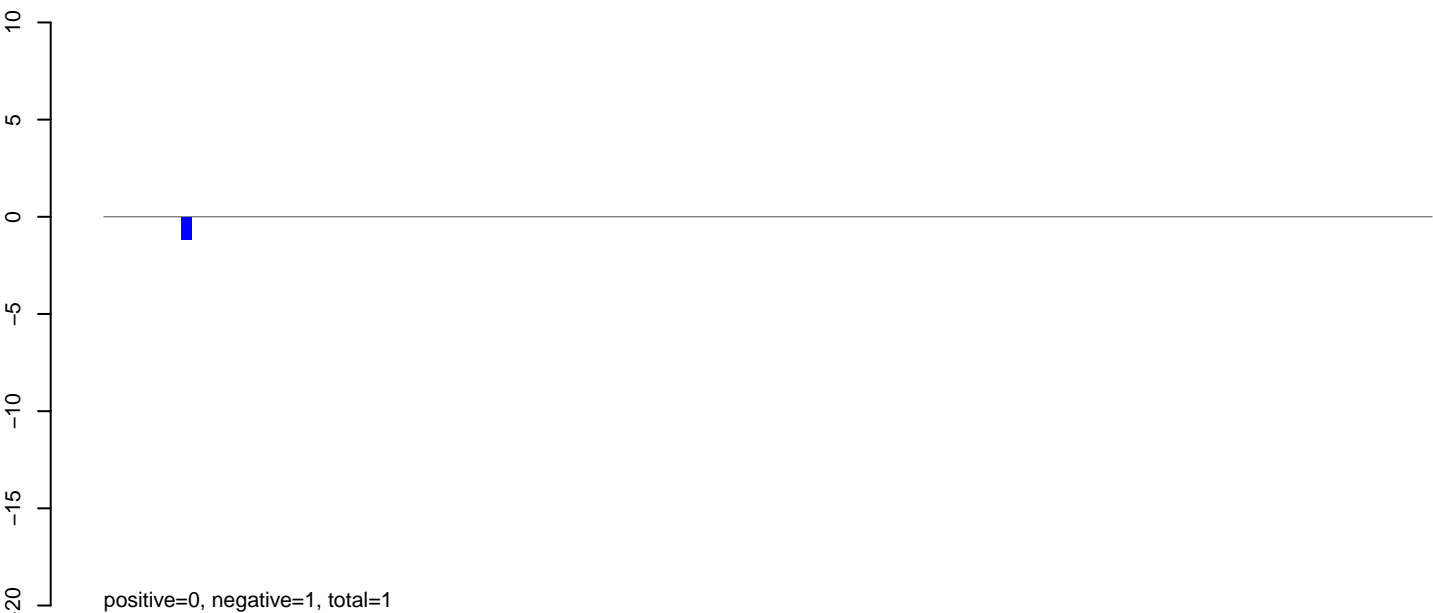
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



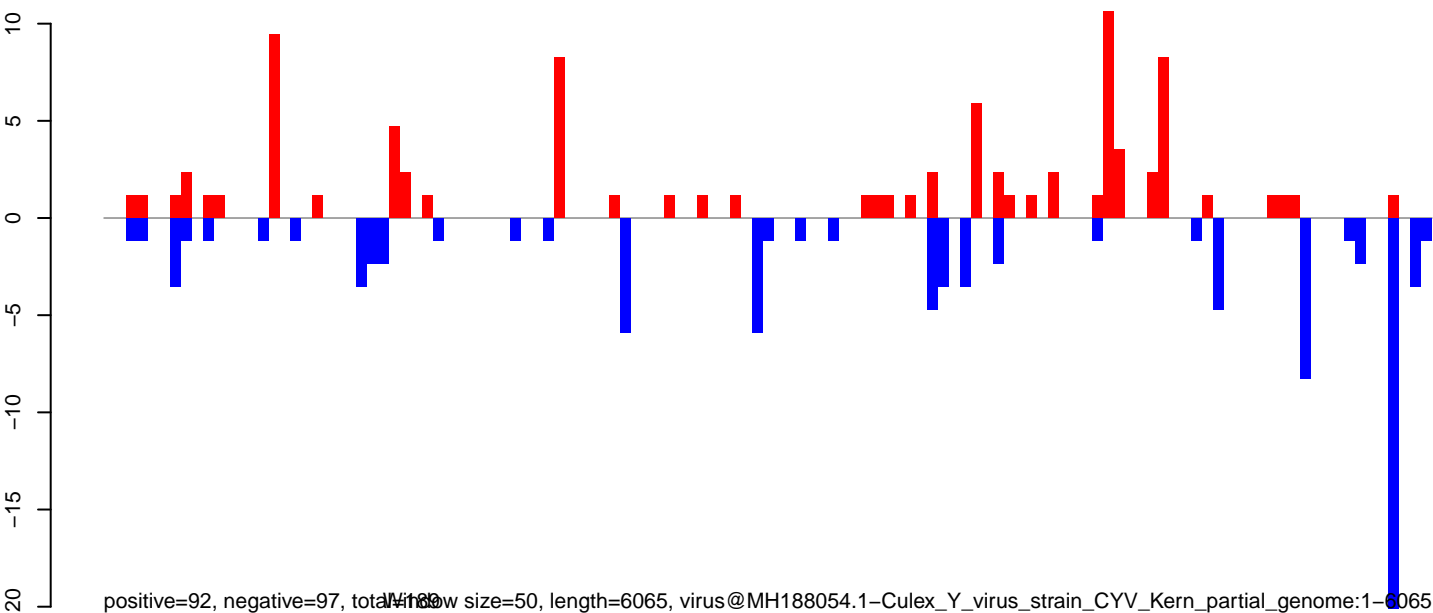
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

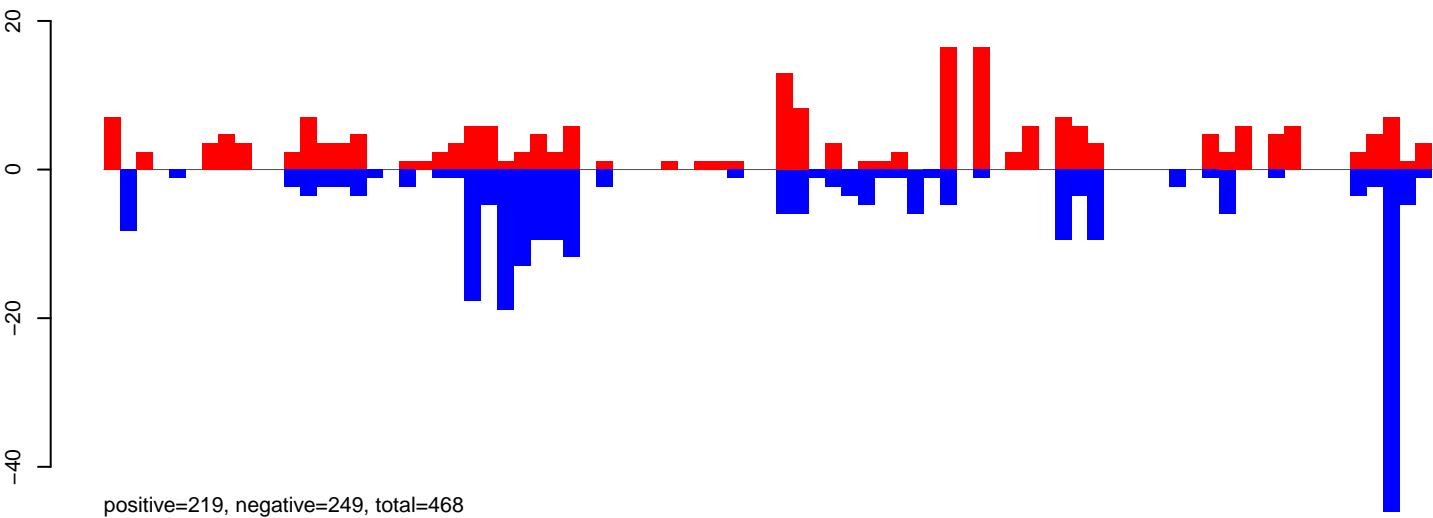


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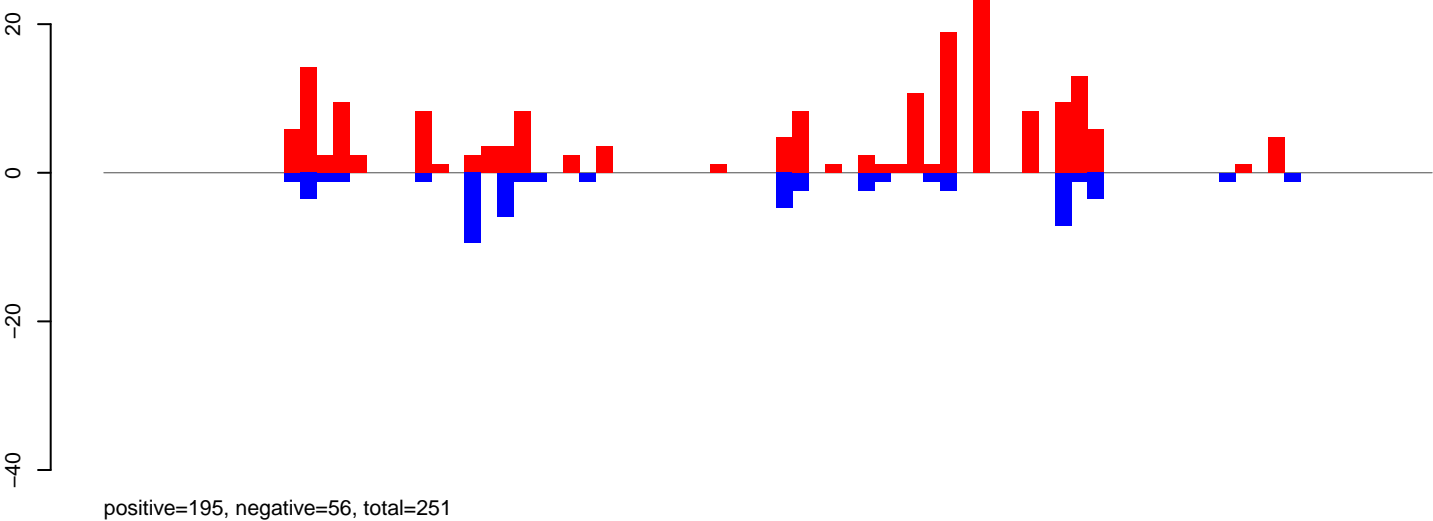


Window size=50, length=6065, virus@MH188054.1-Culex\_Y\_virus\_strain\_CYV\_Kern\_partial\_genome:1-6065

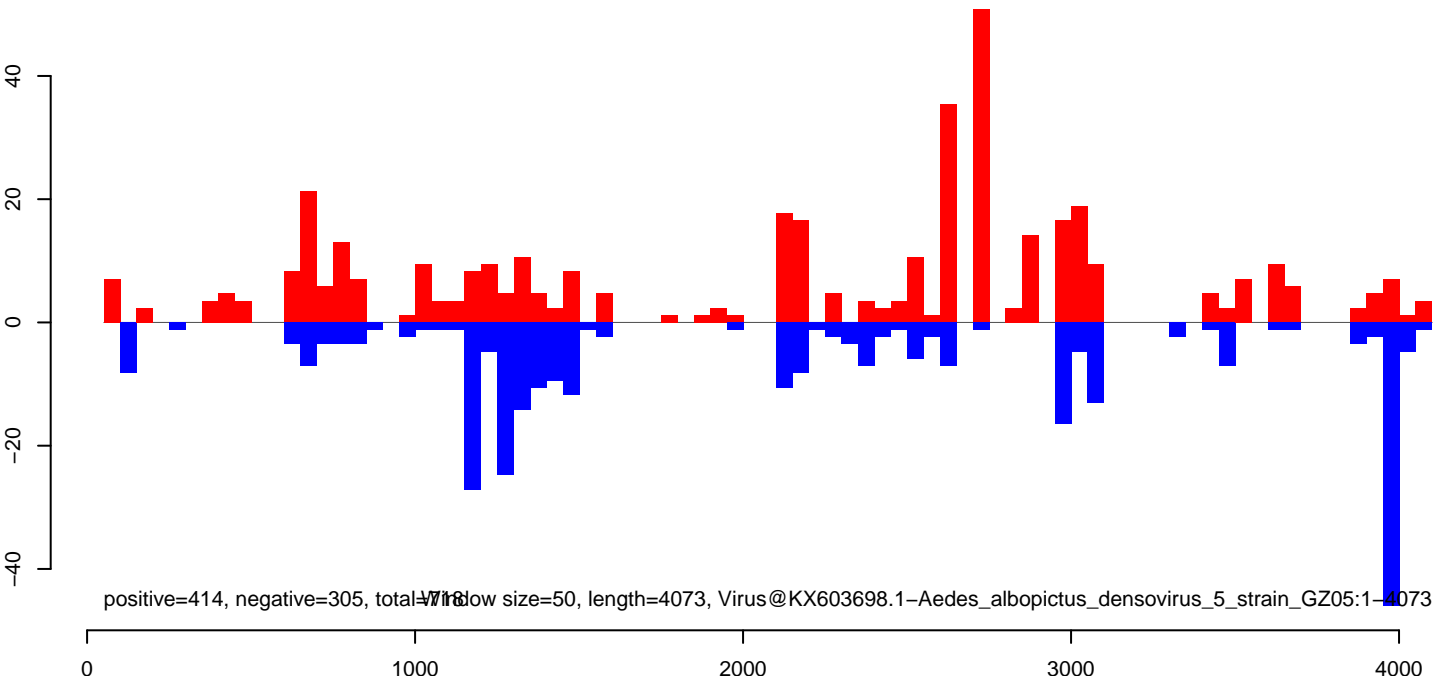
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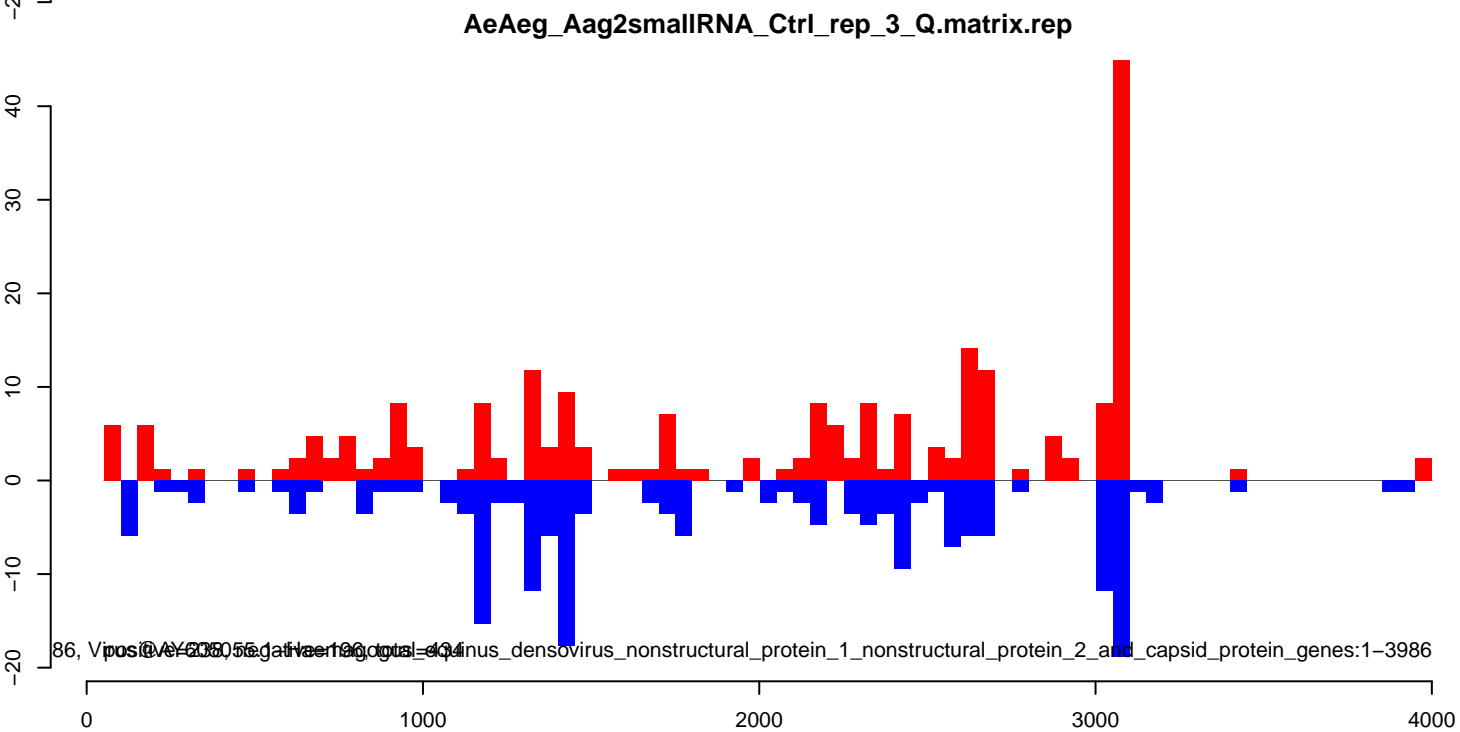
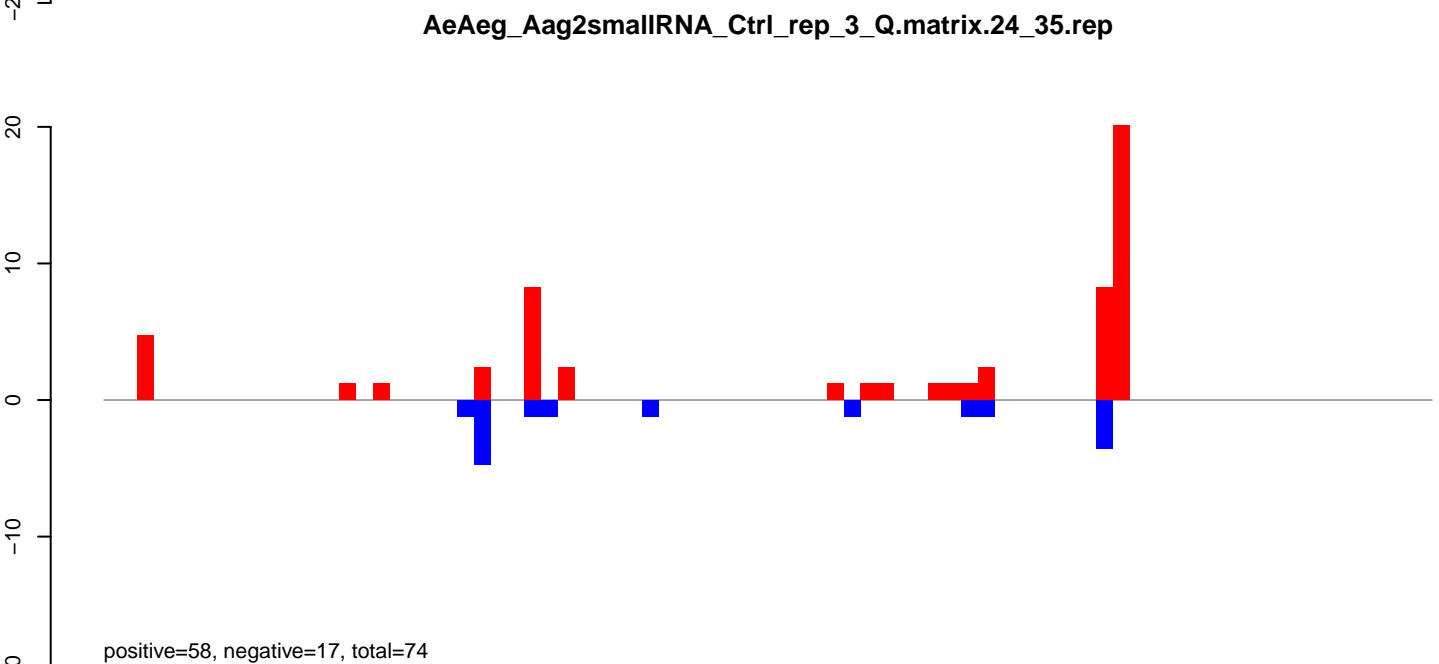
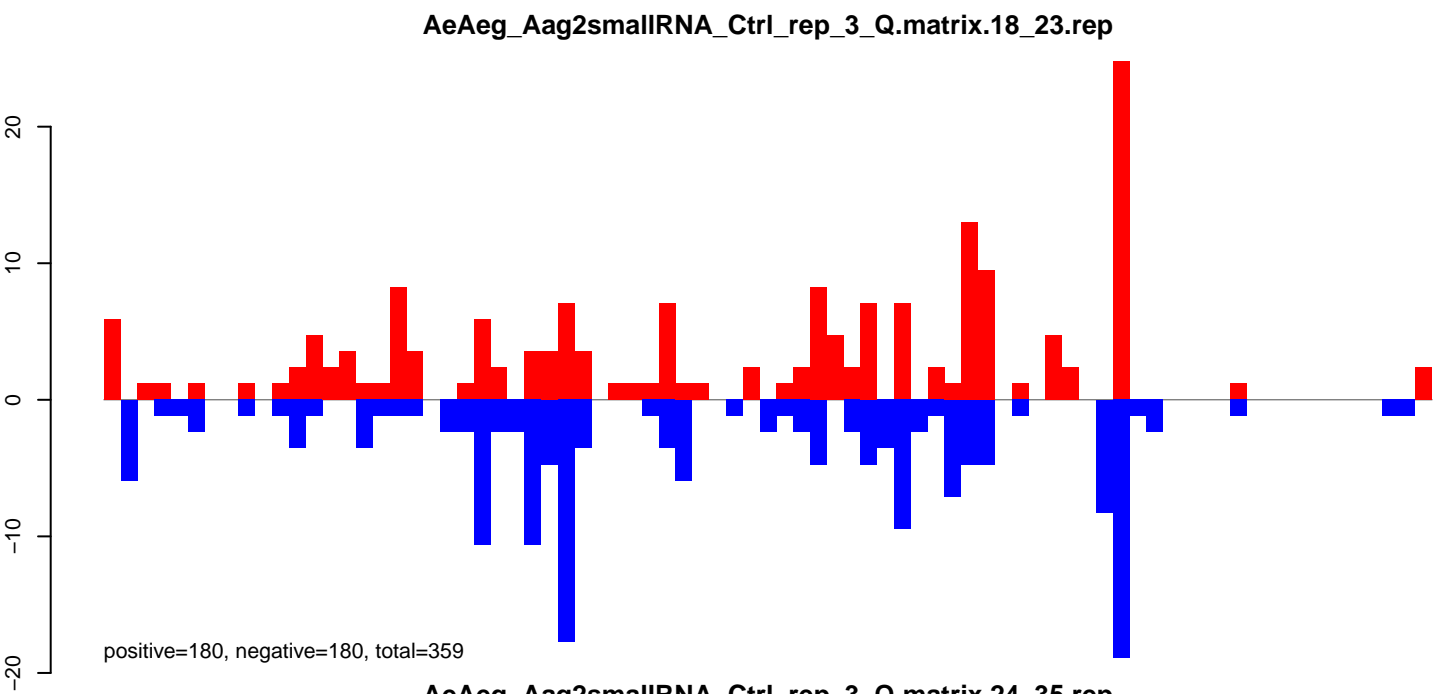


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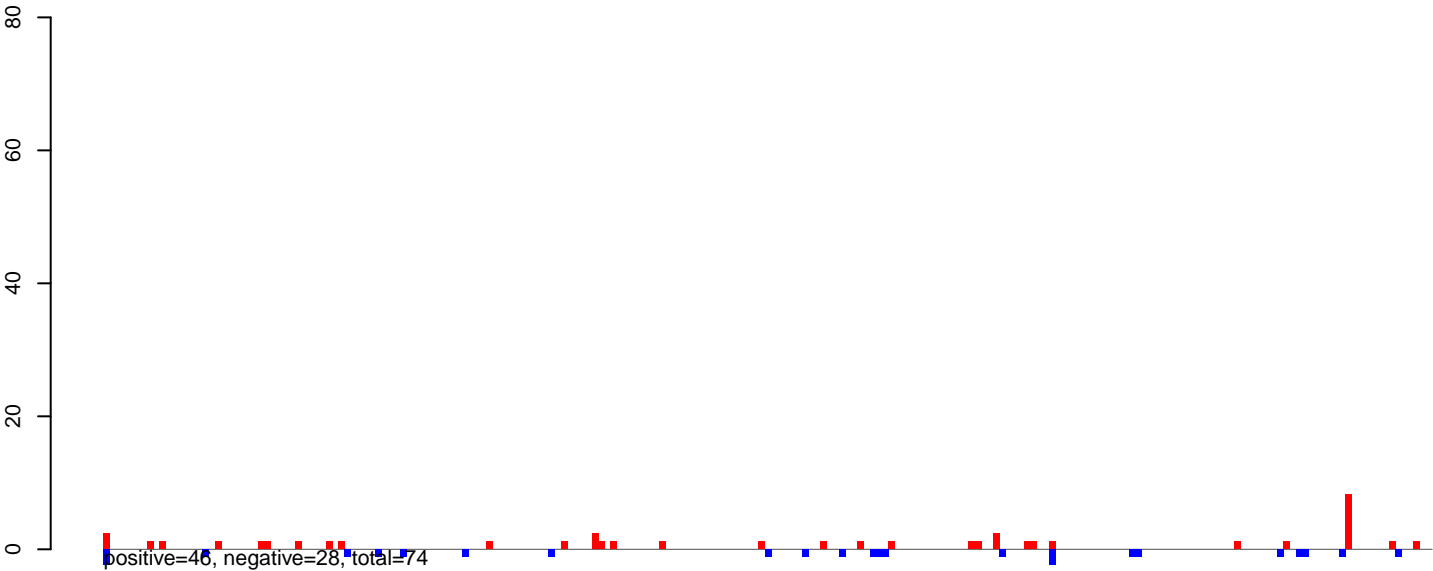
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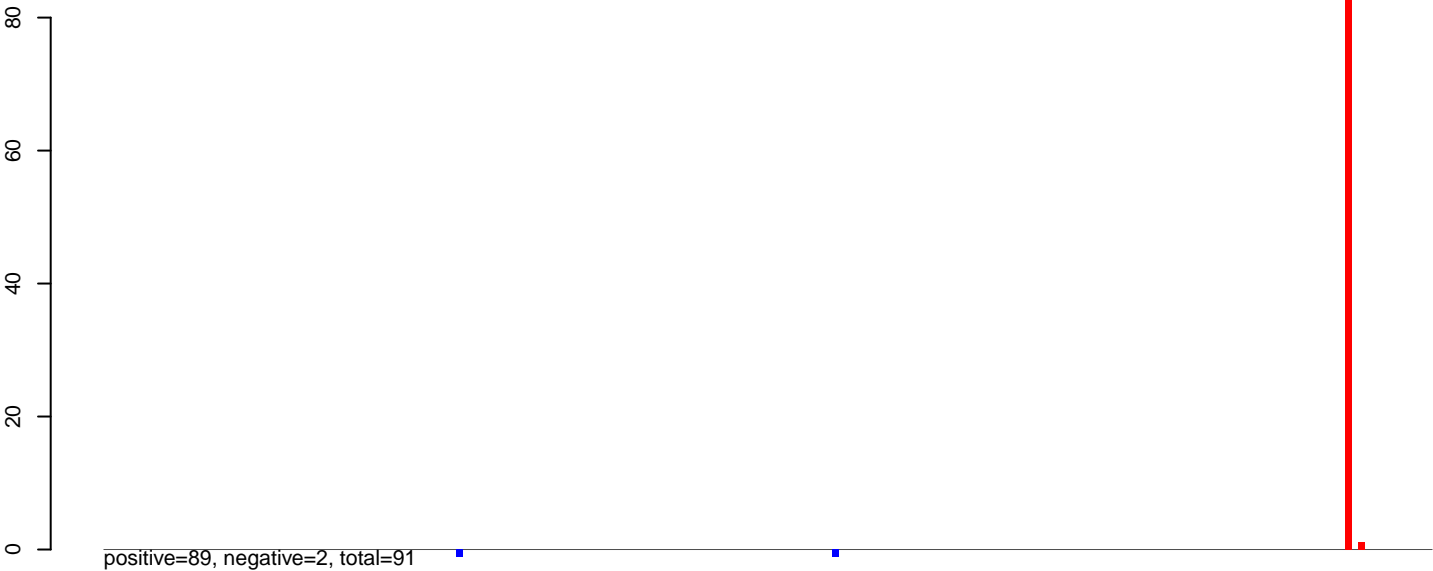




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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

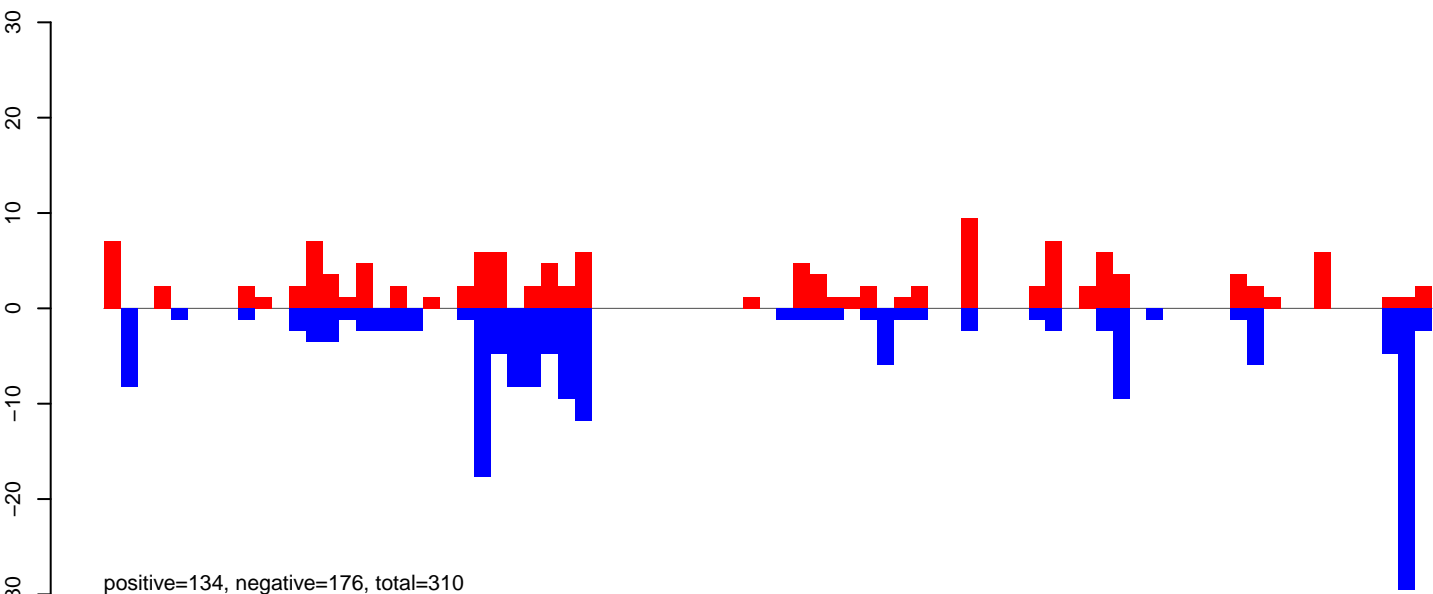


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

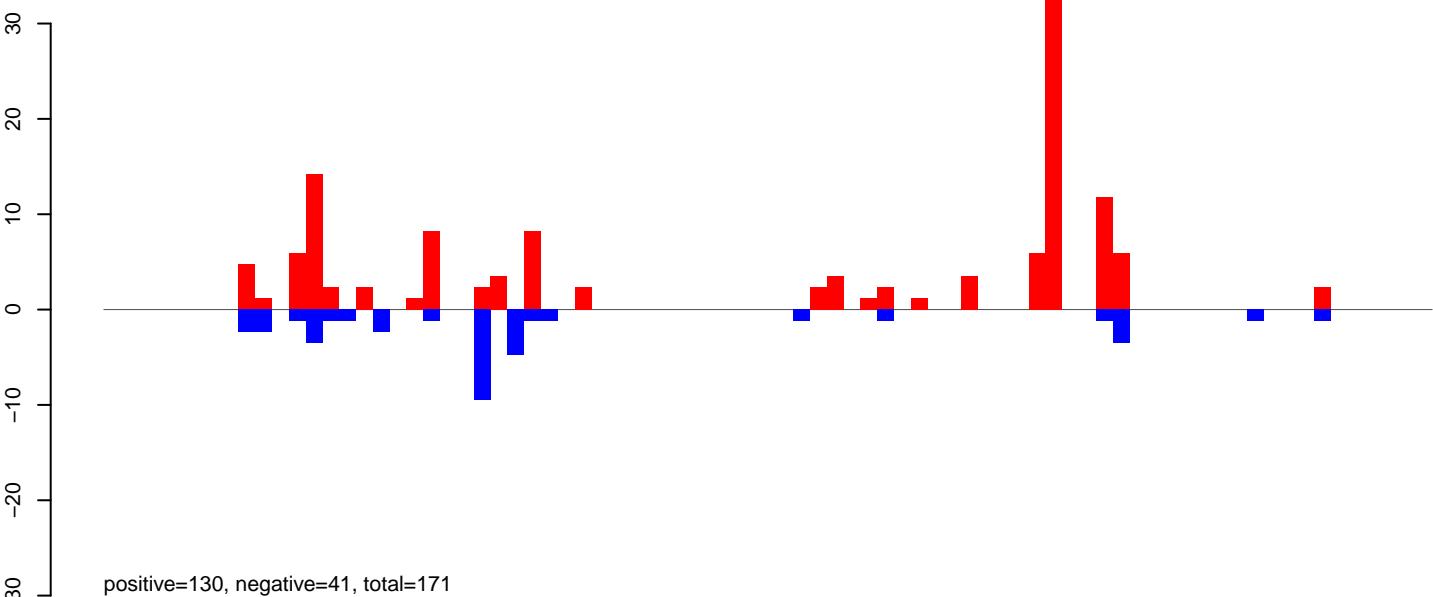




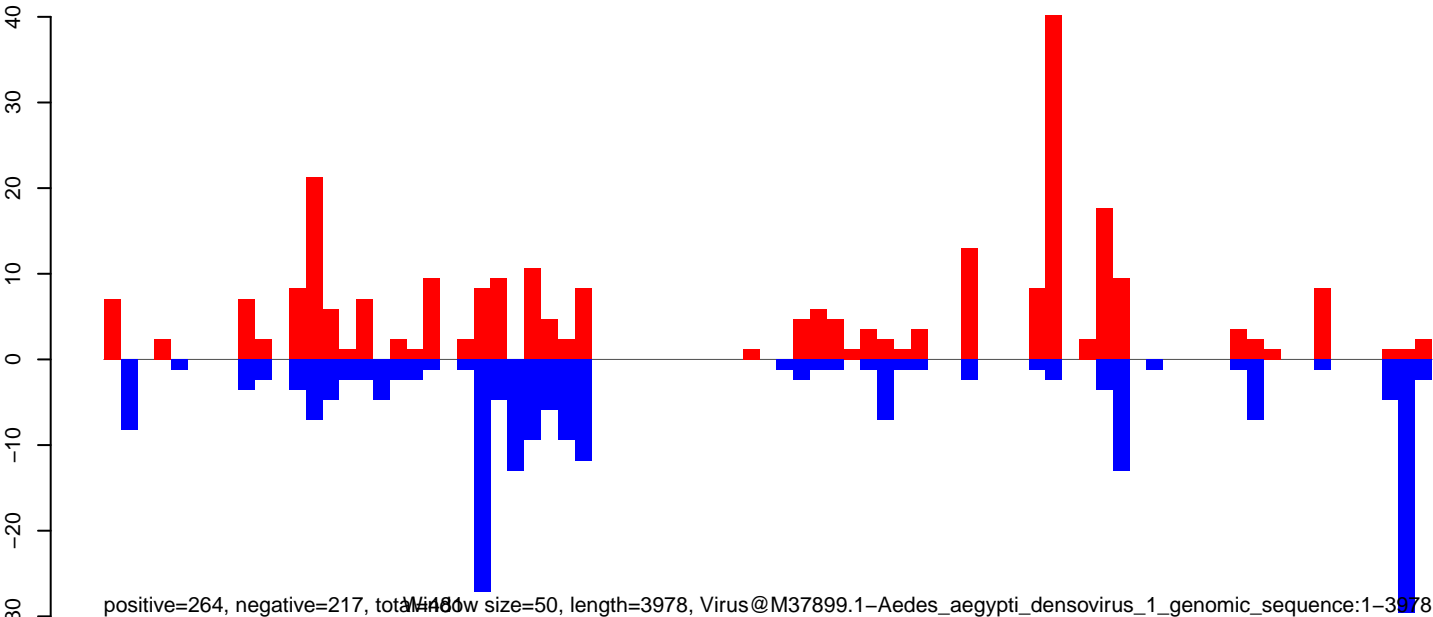
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

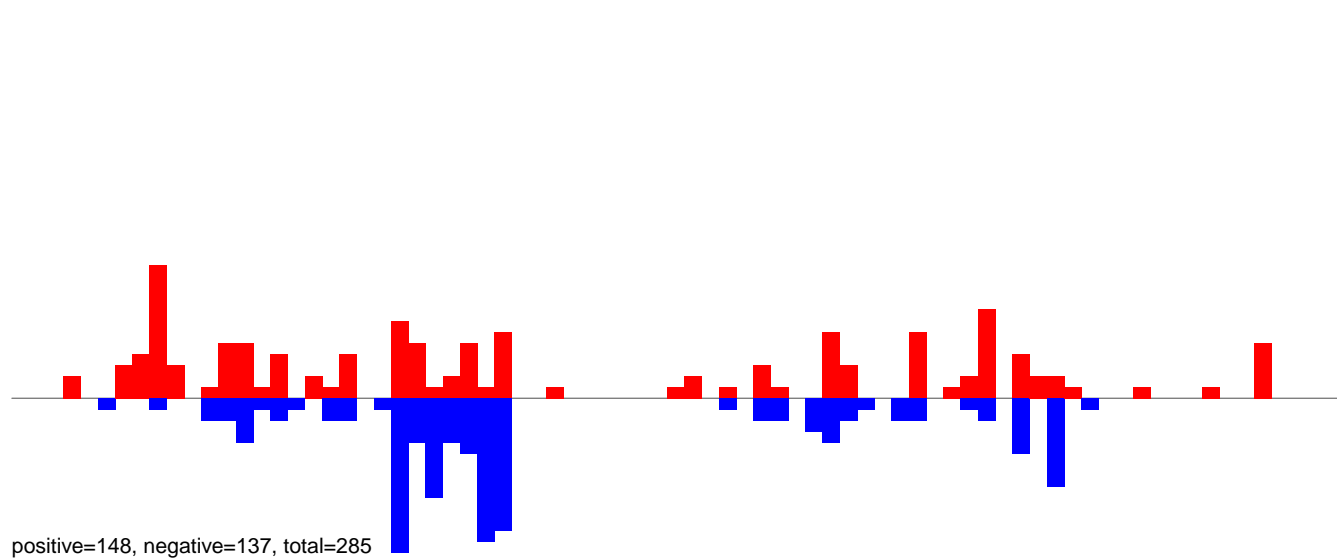


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

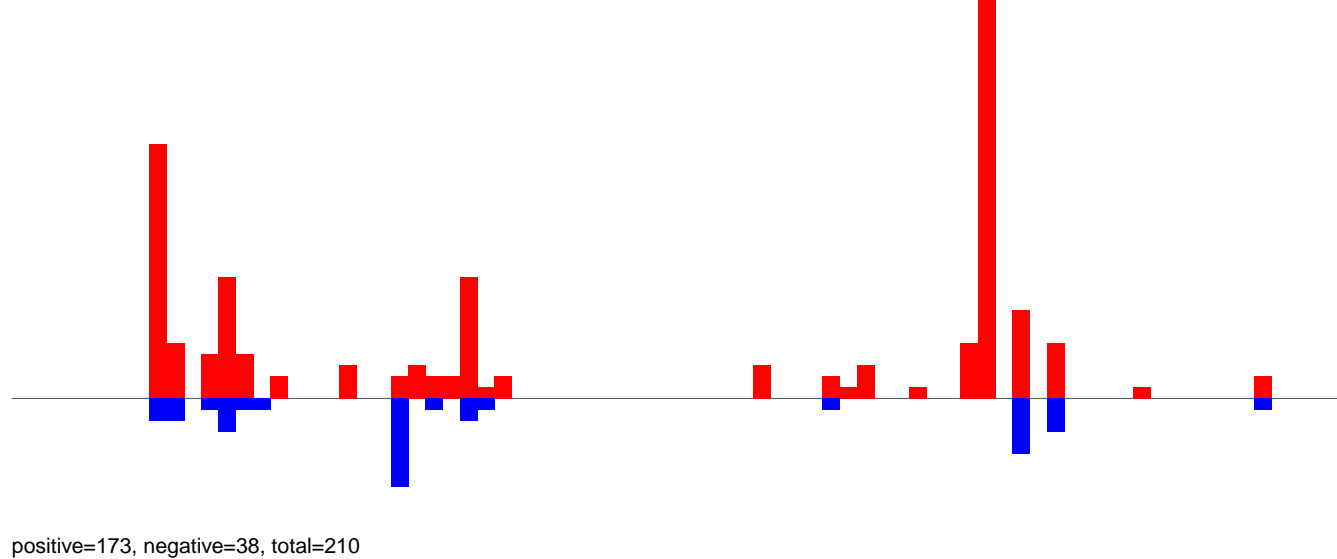


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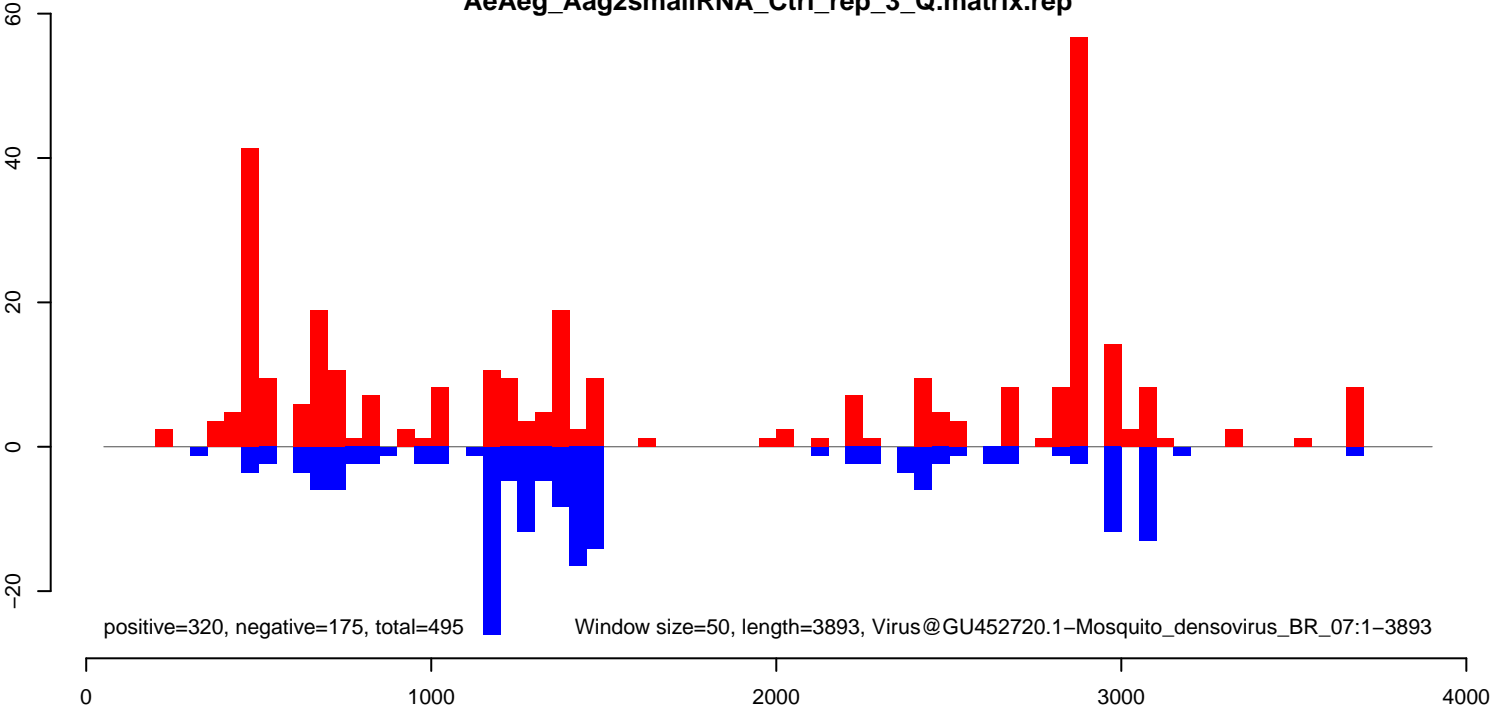
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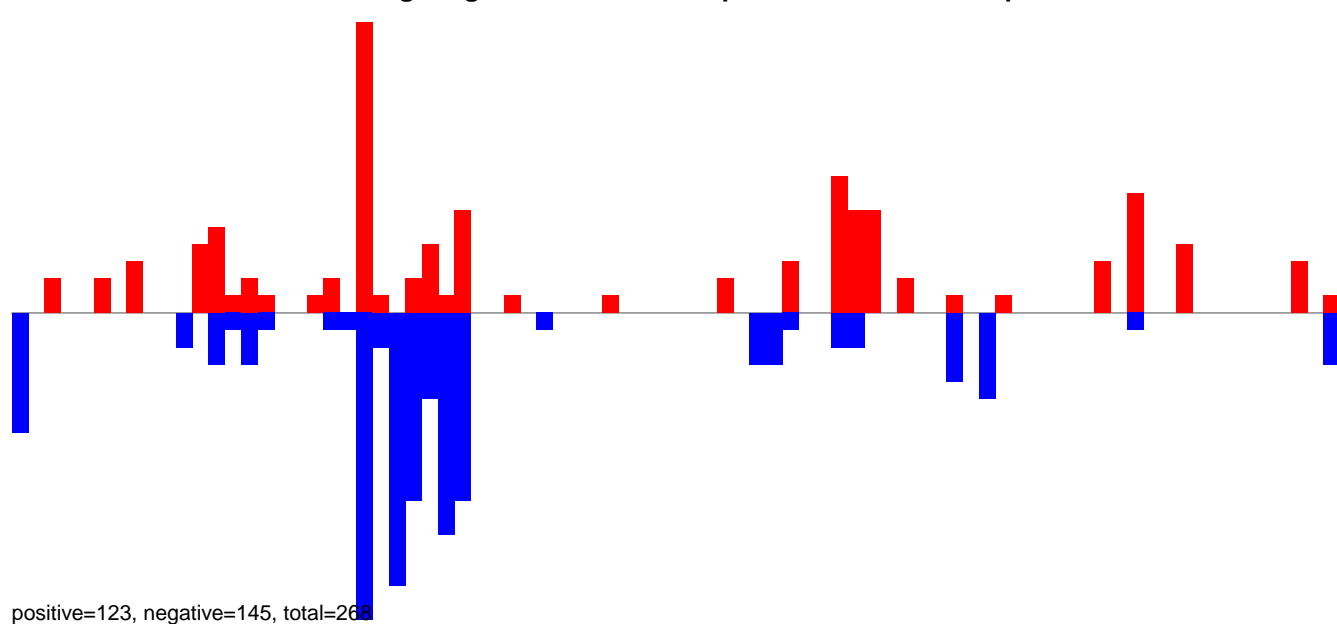
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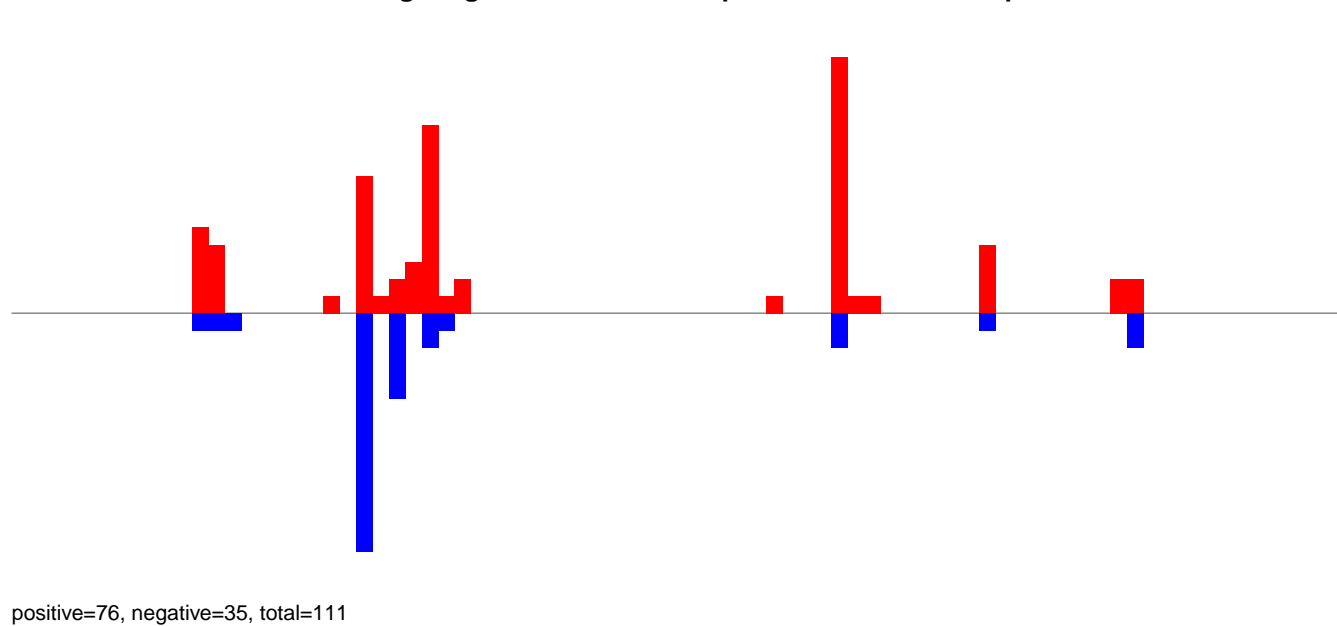
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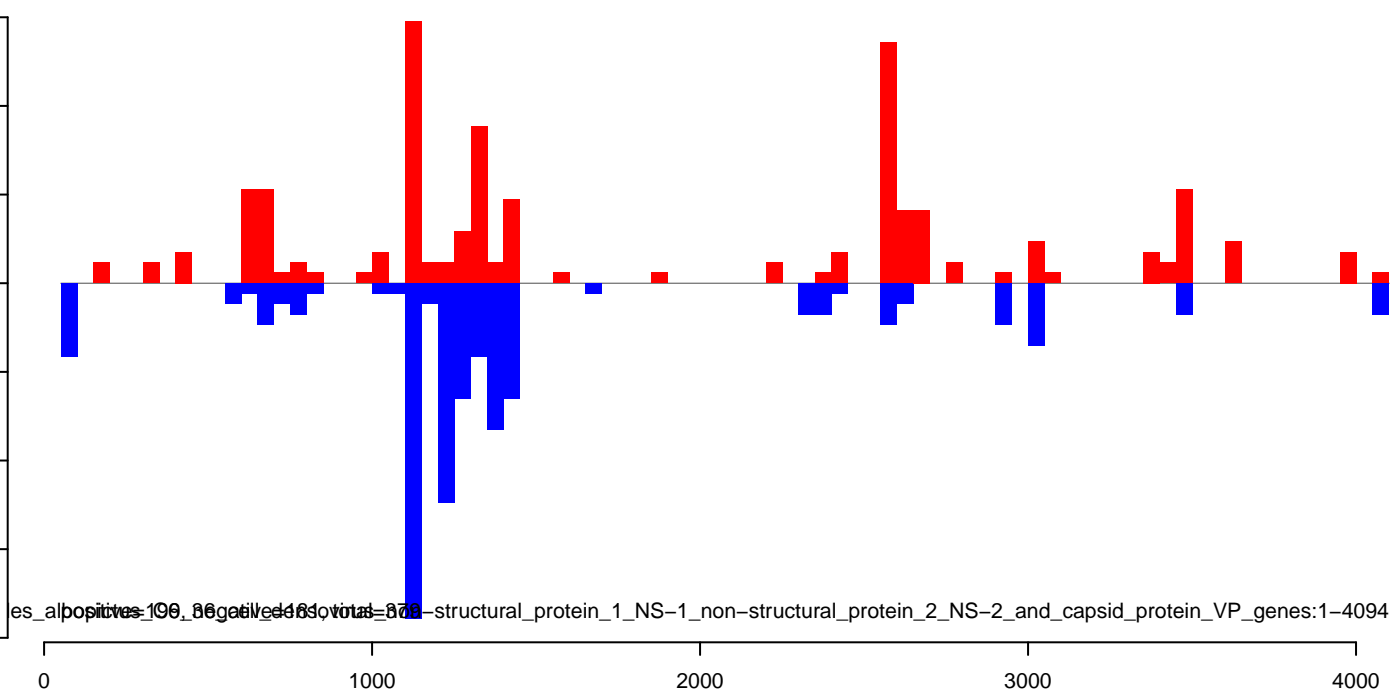
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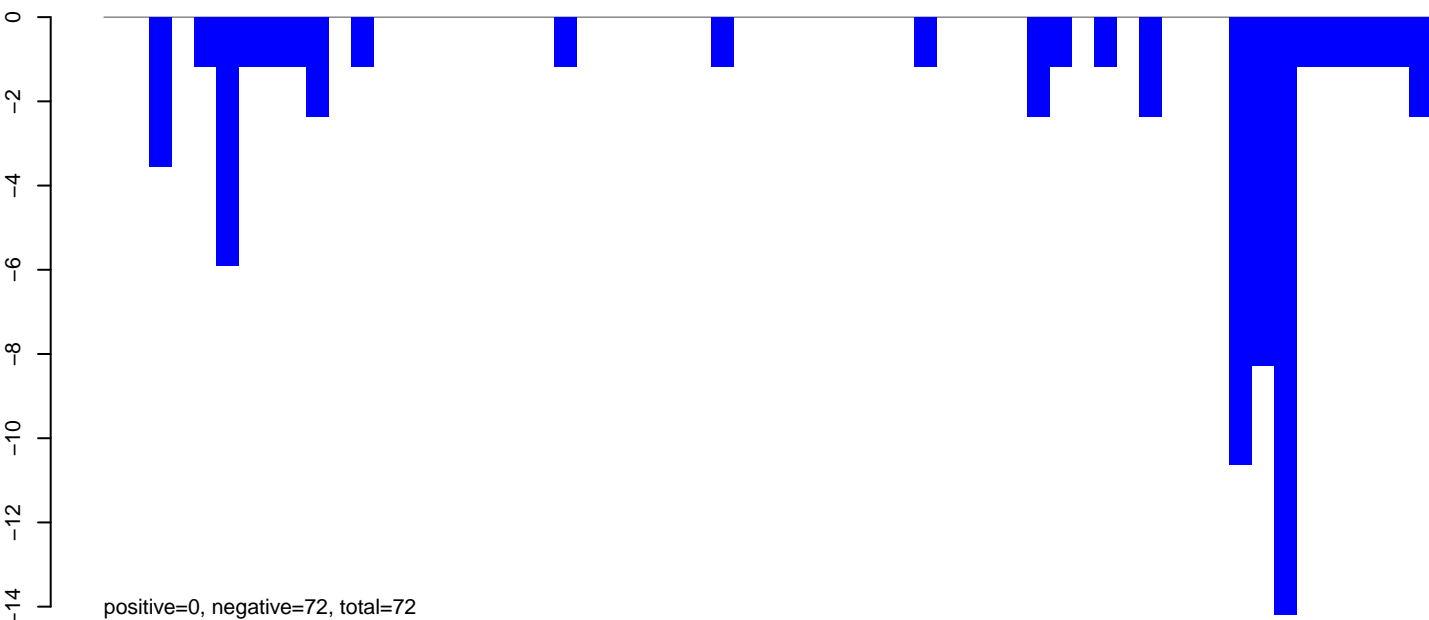
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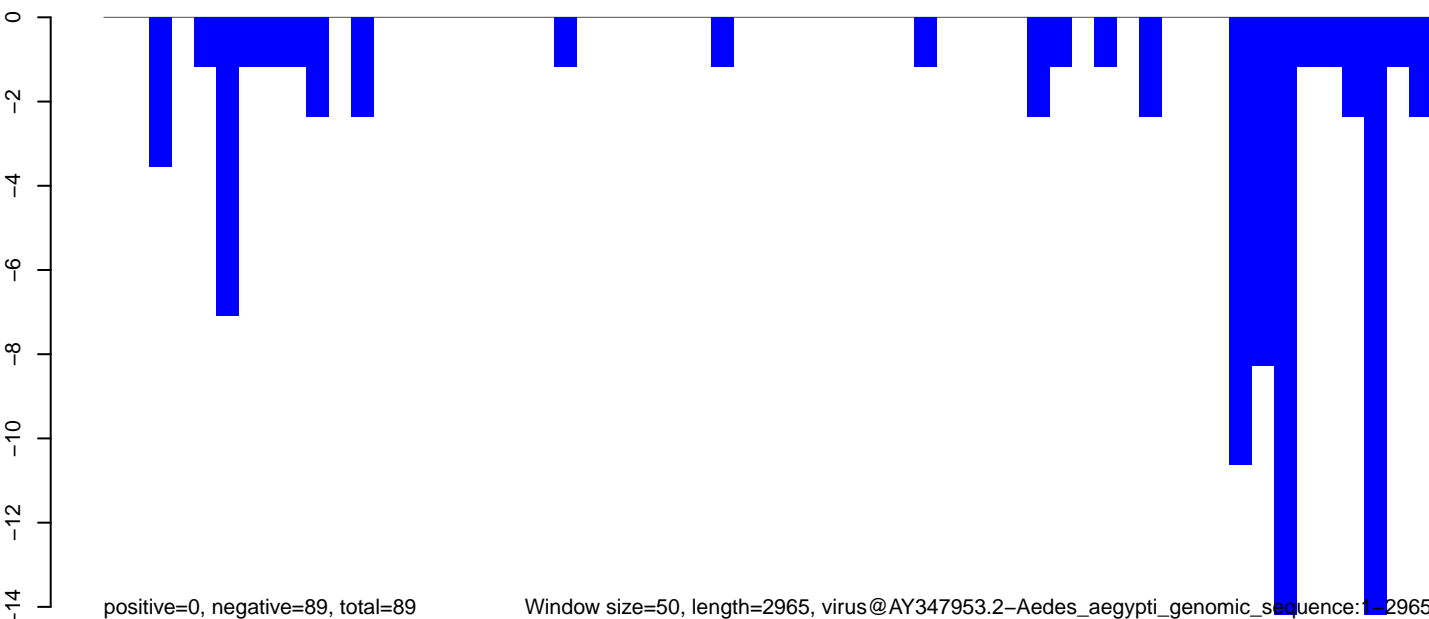
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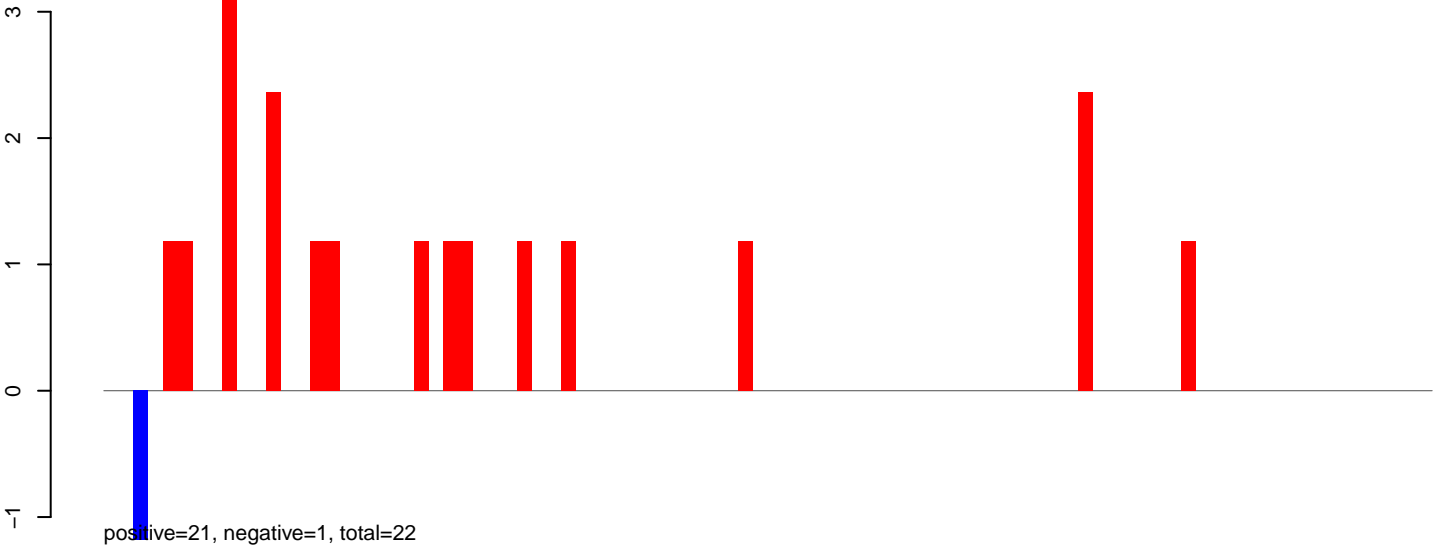
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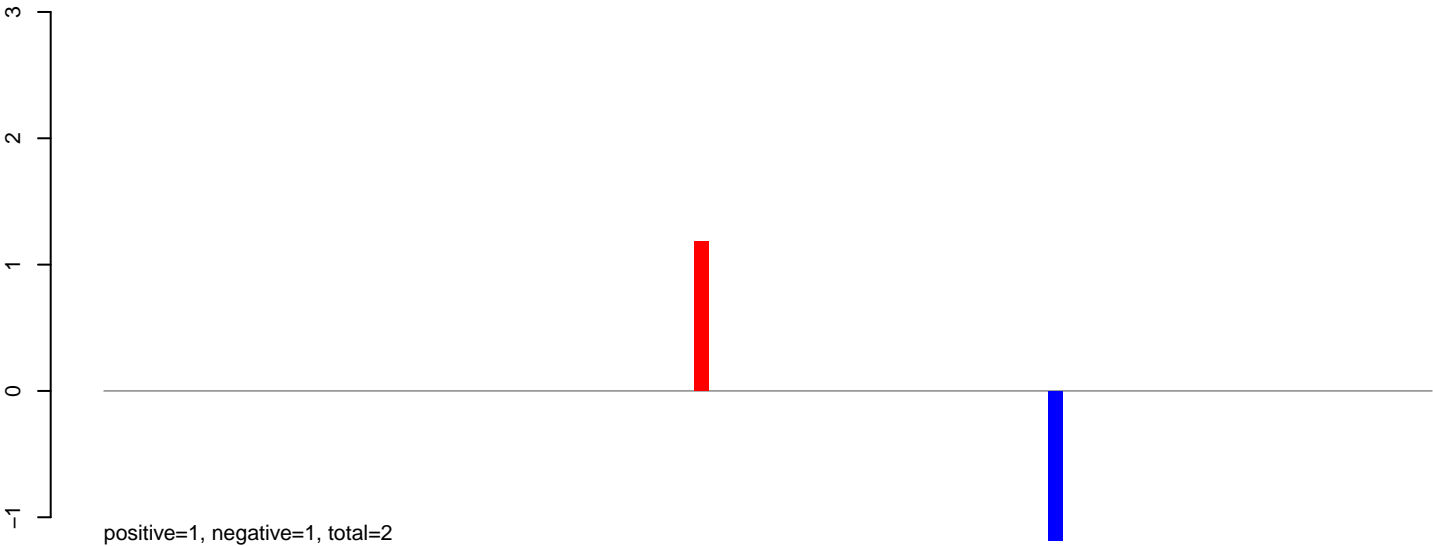
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



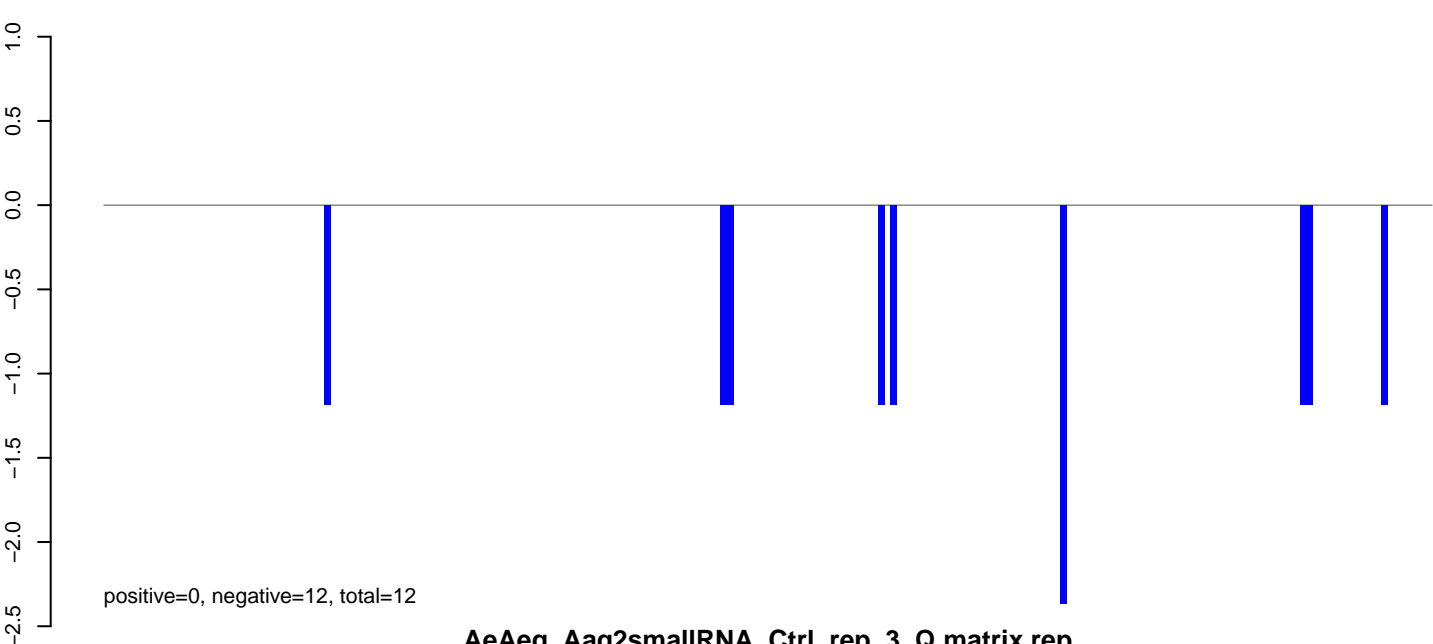
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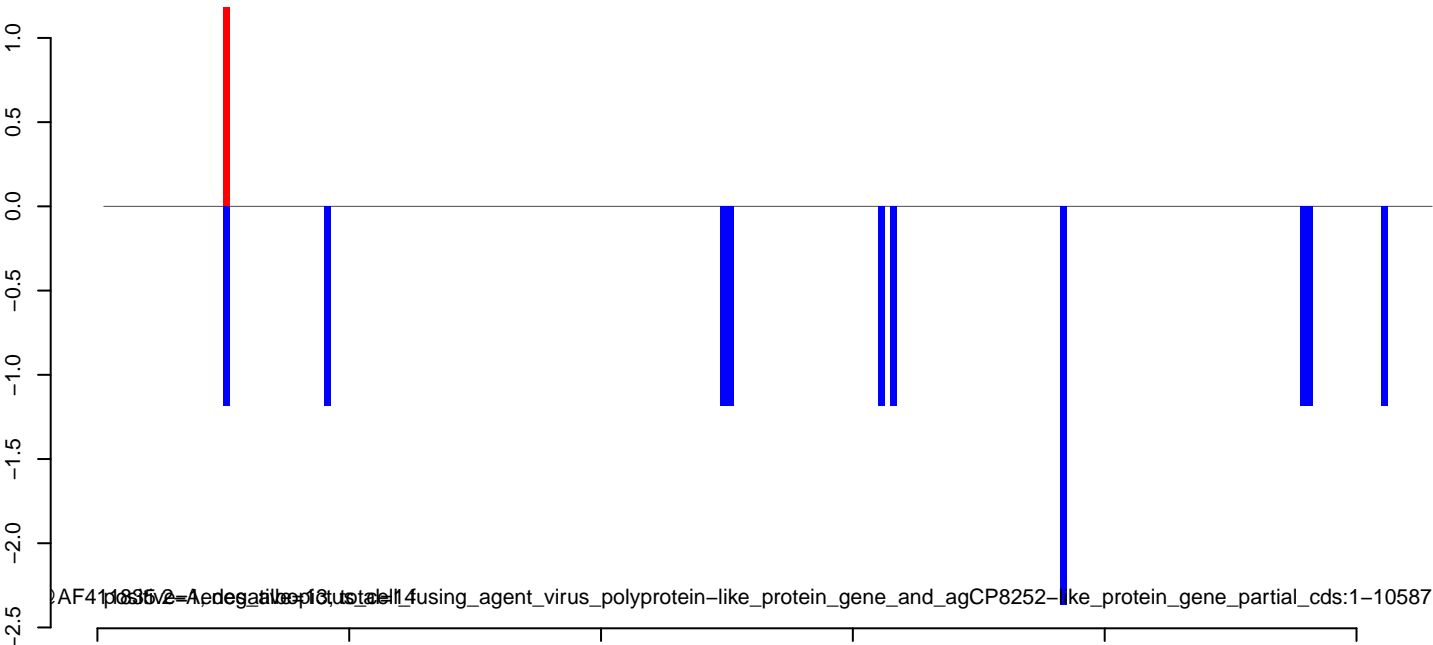
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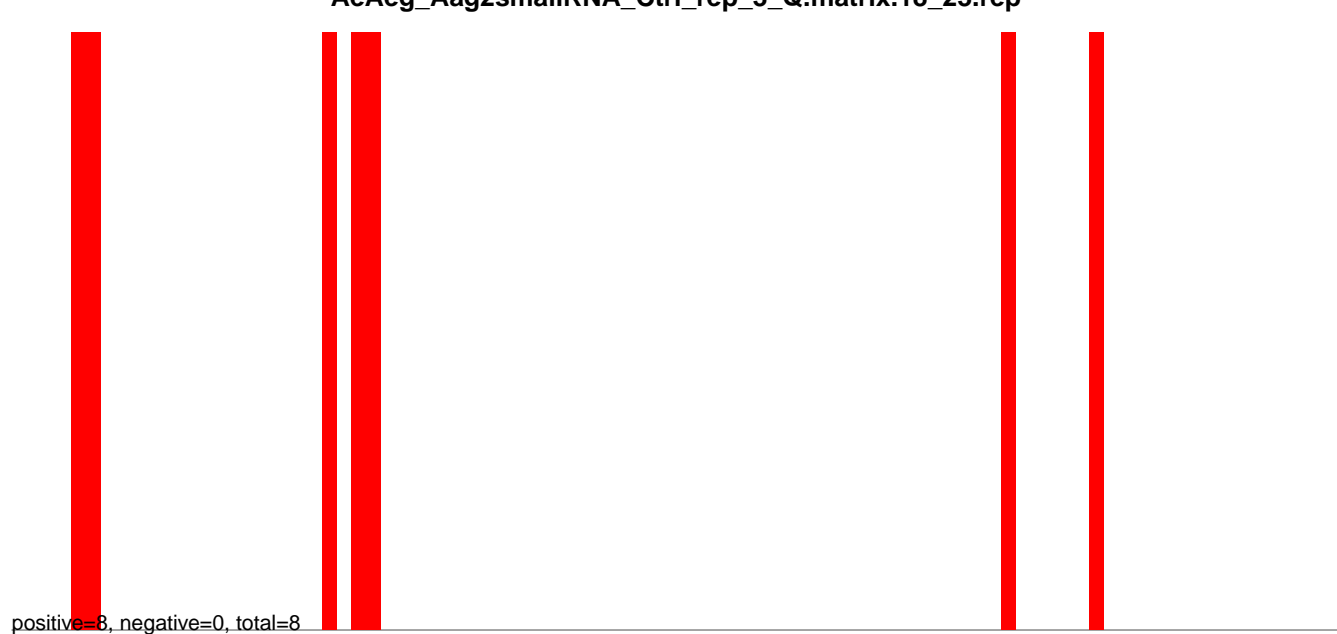
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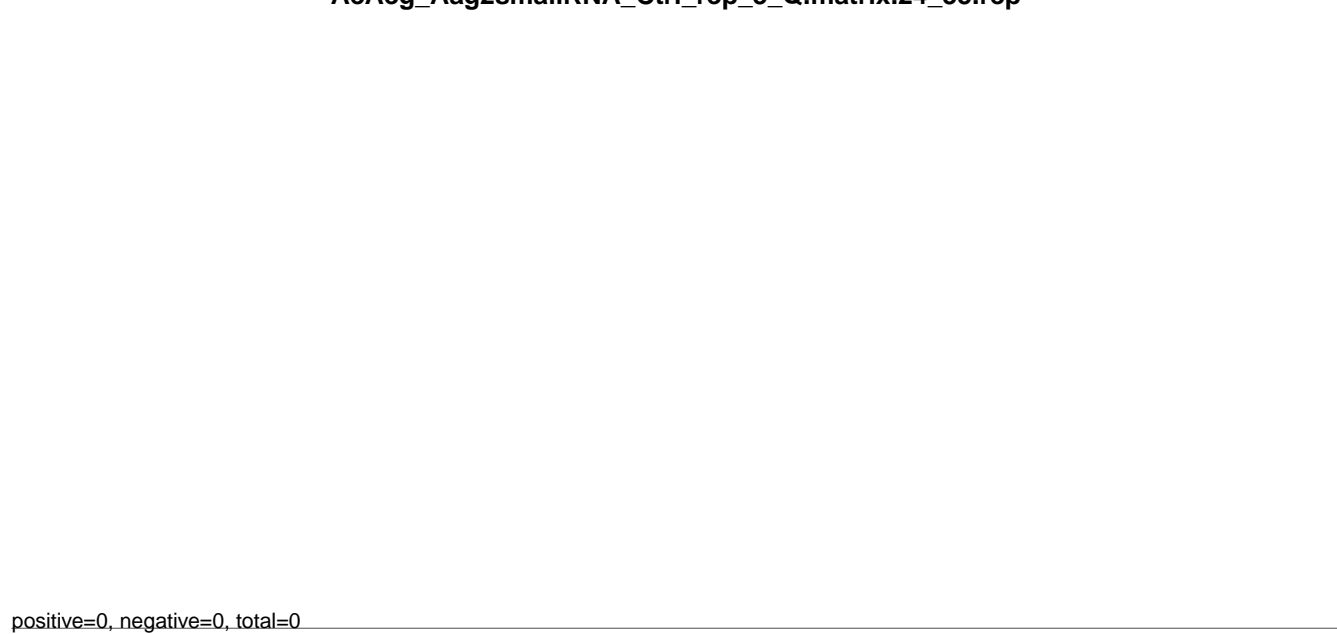
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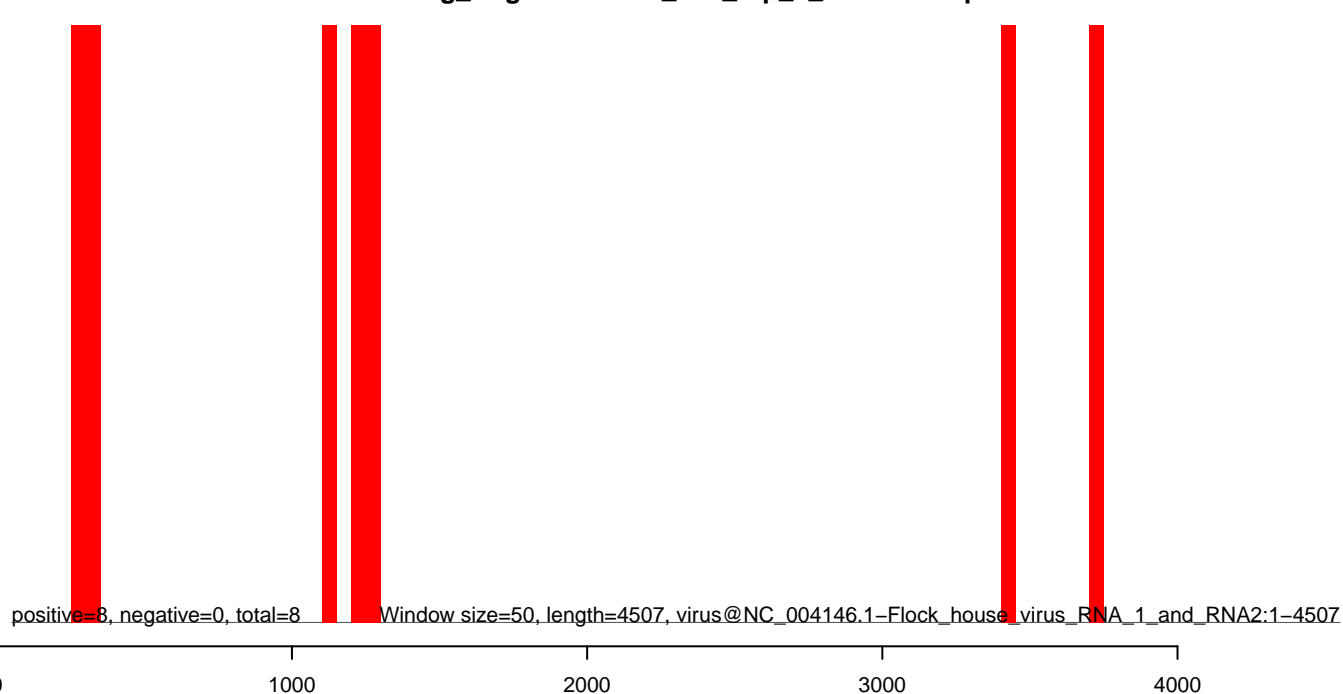
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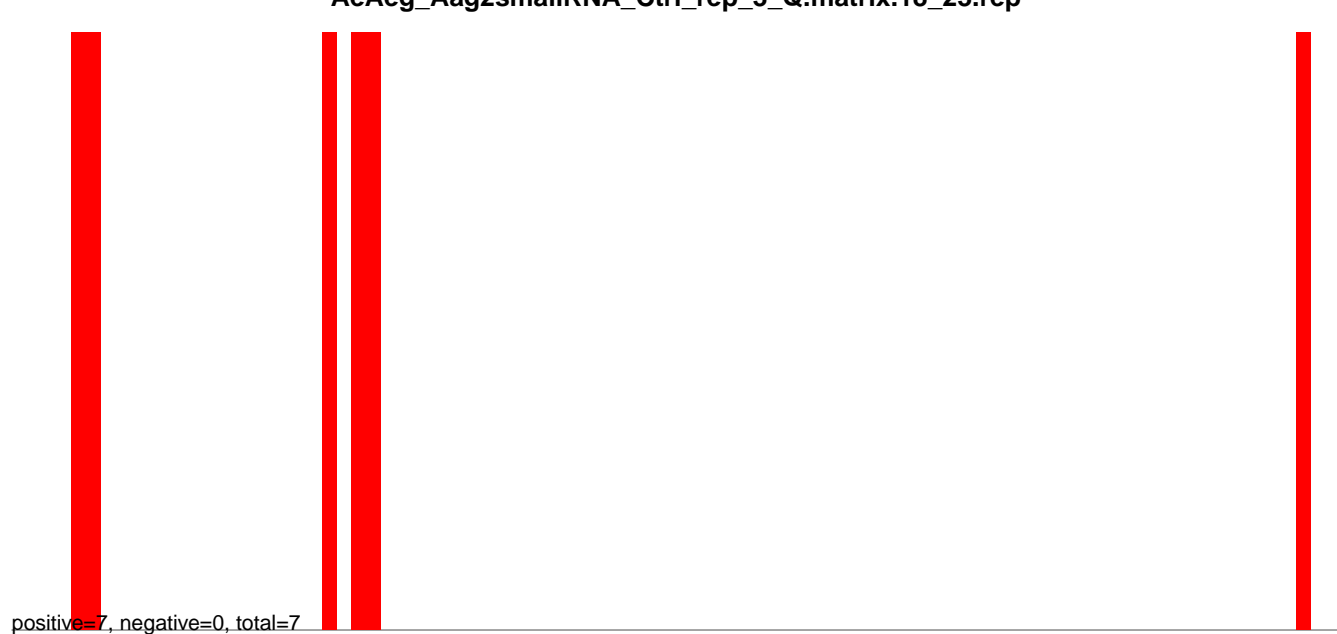
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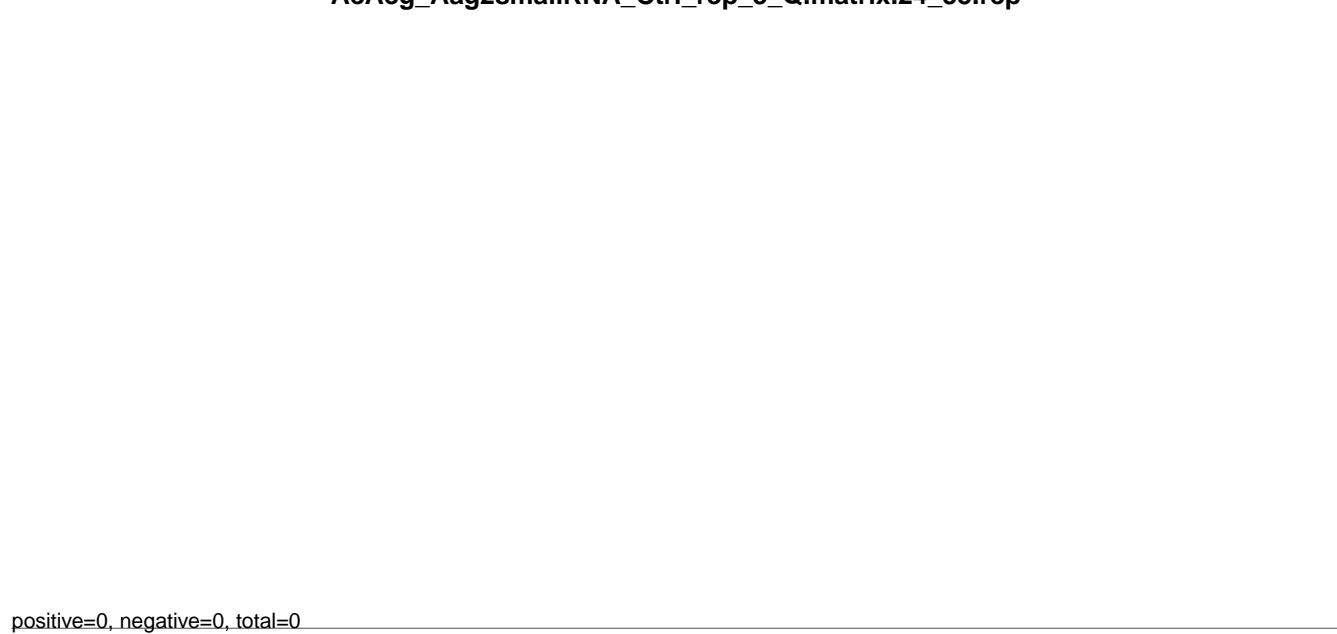
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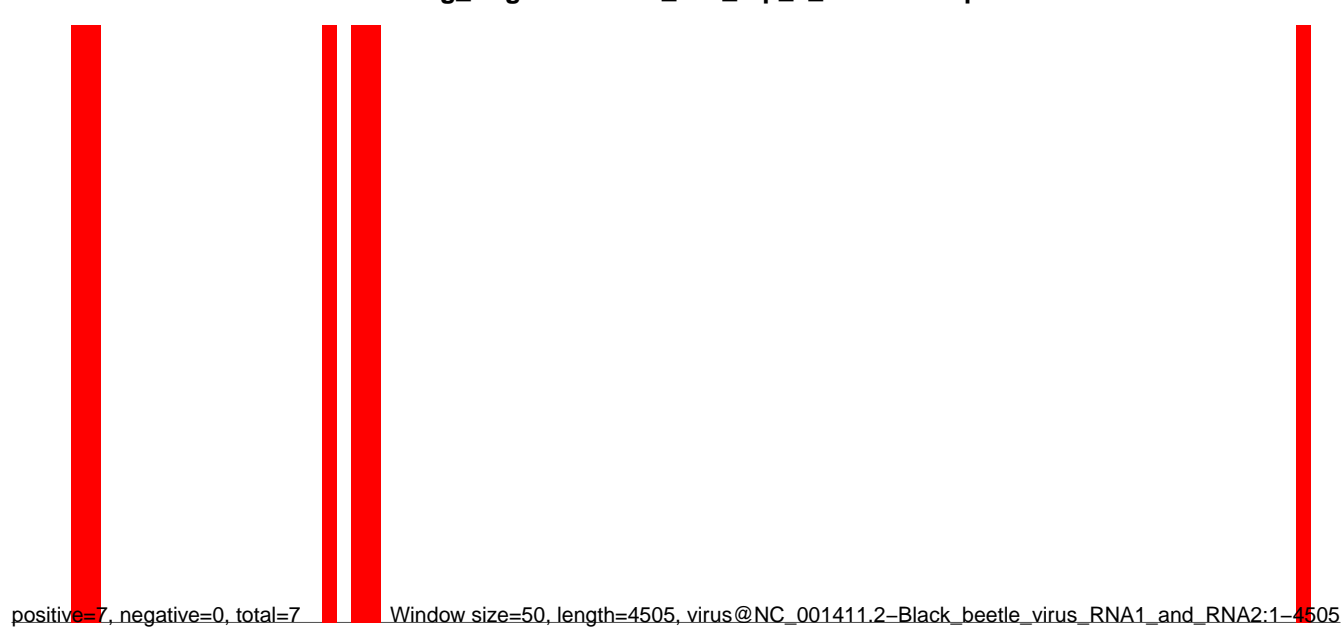
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

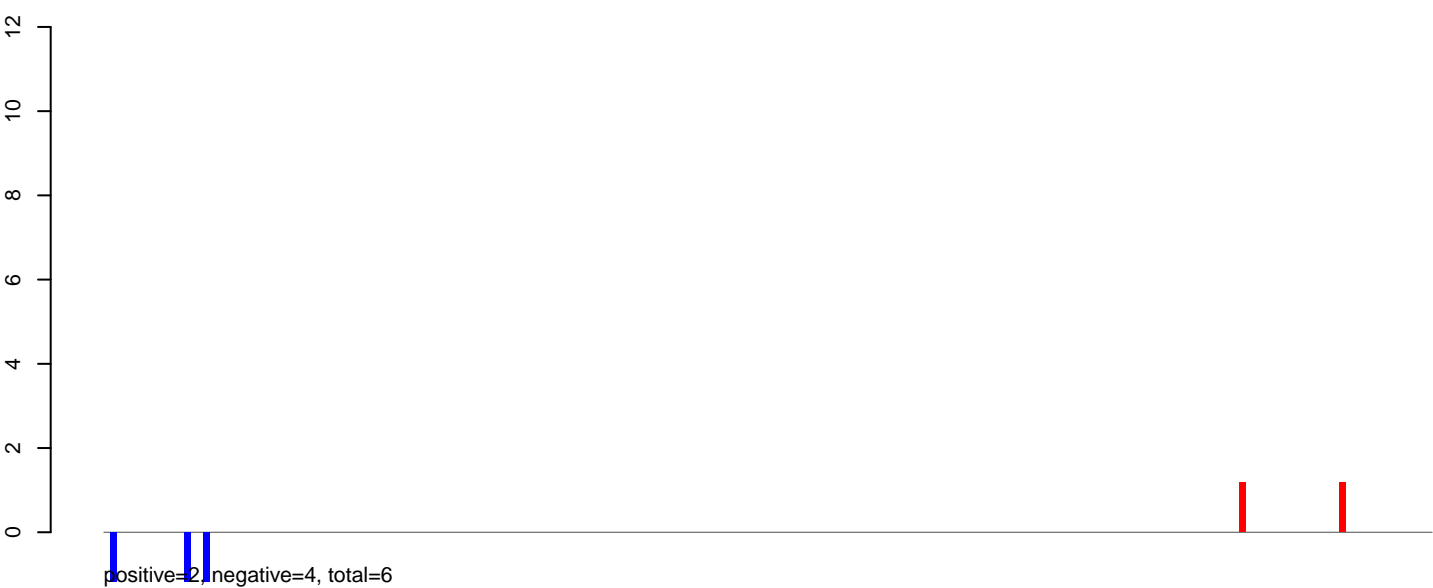


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

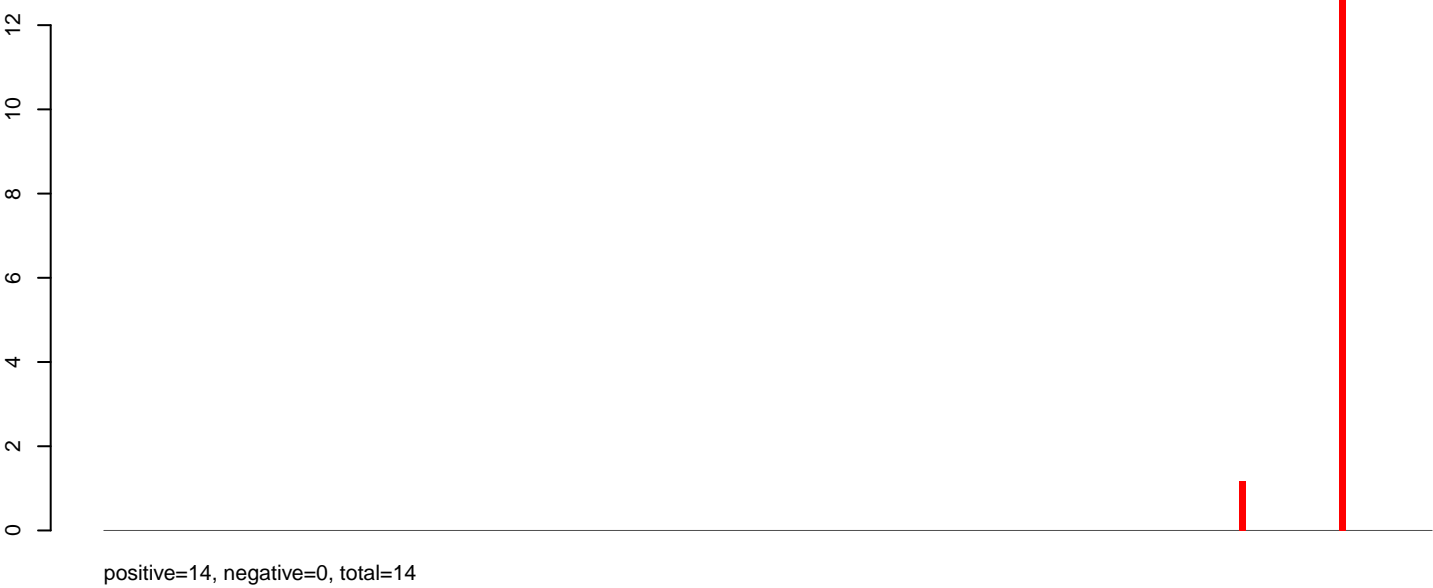




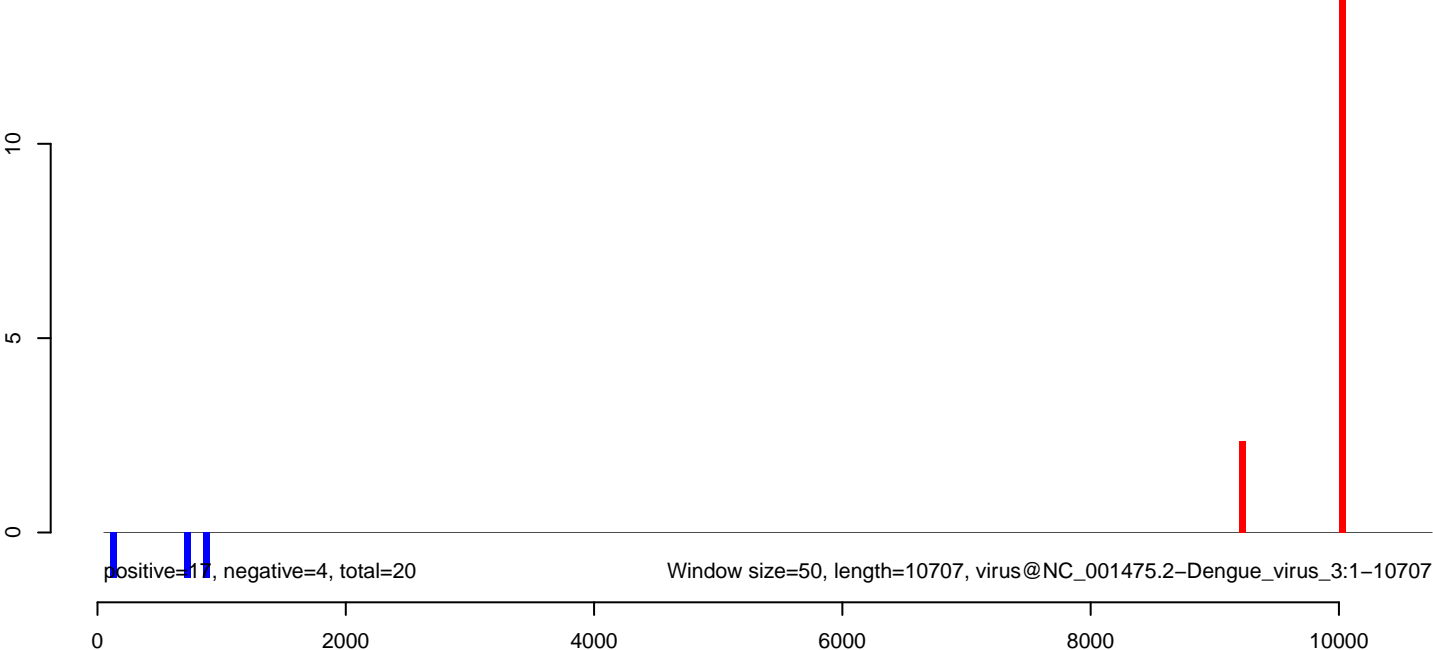
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



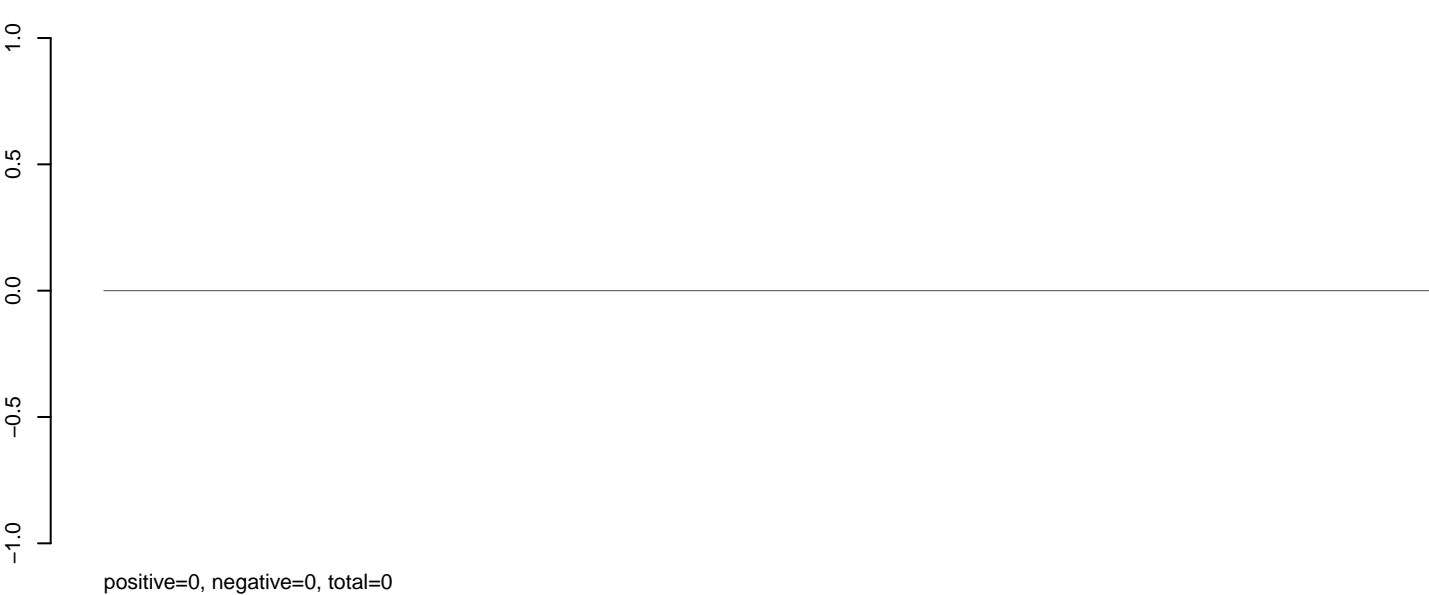
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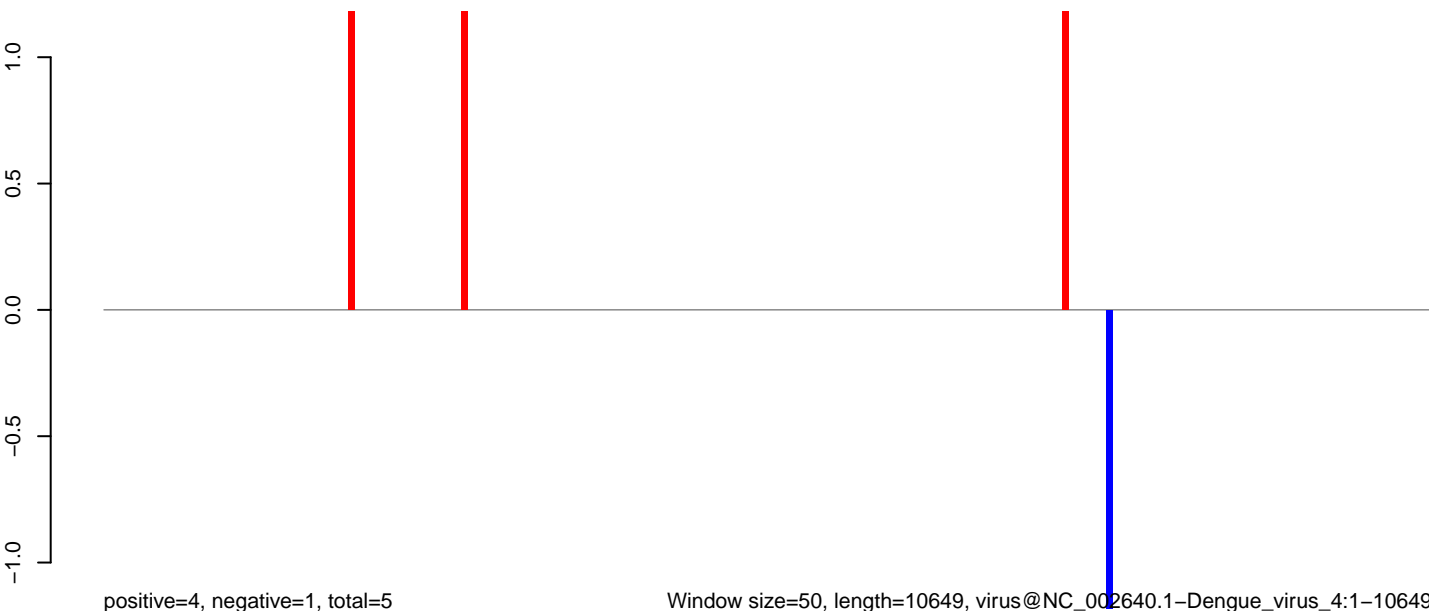
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



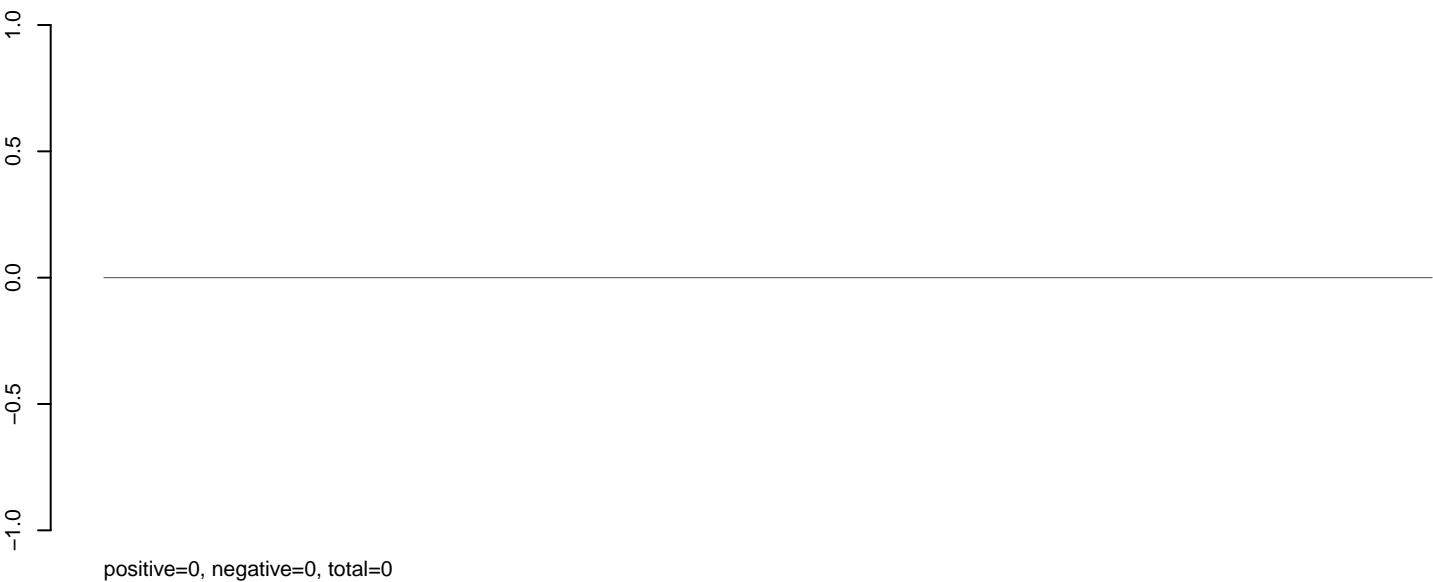
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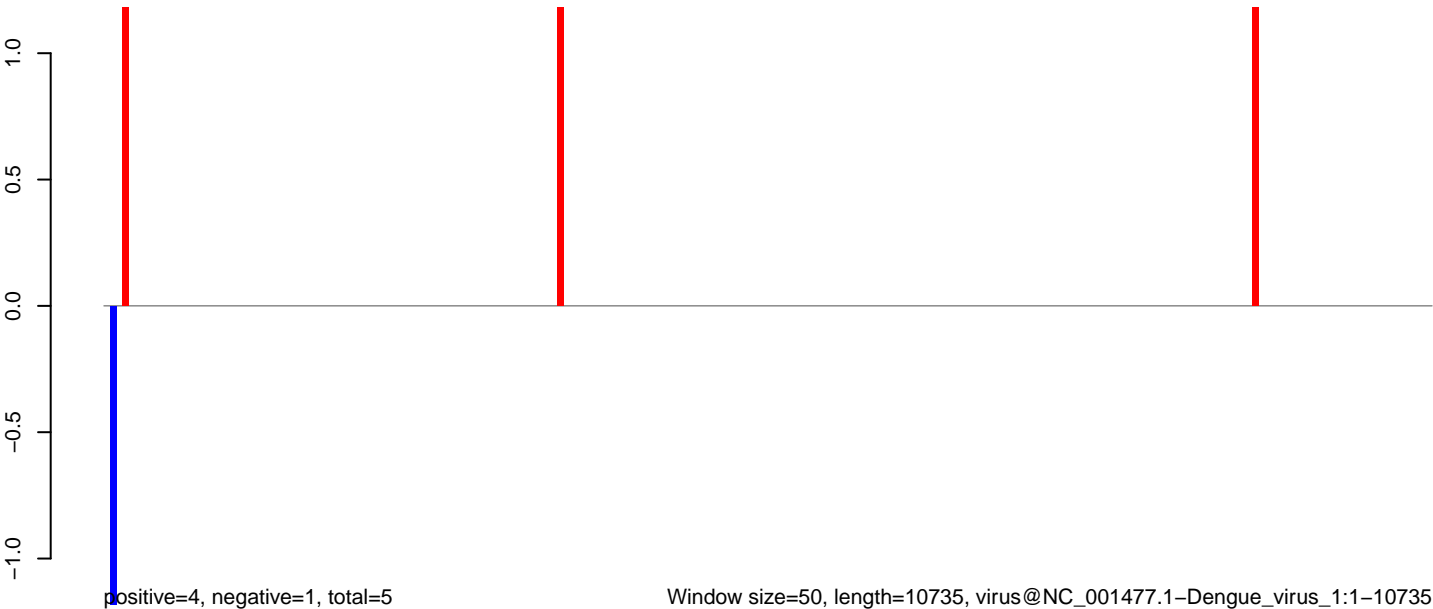
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



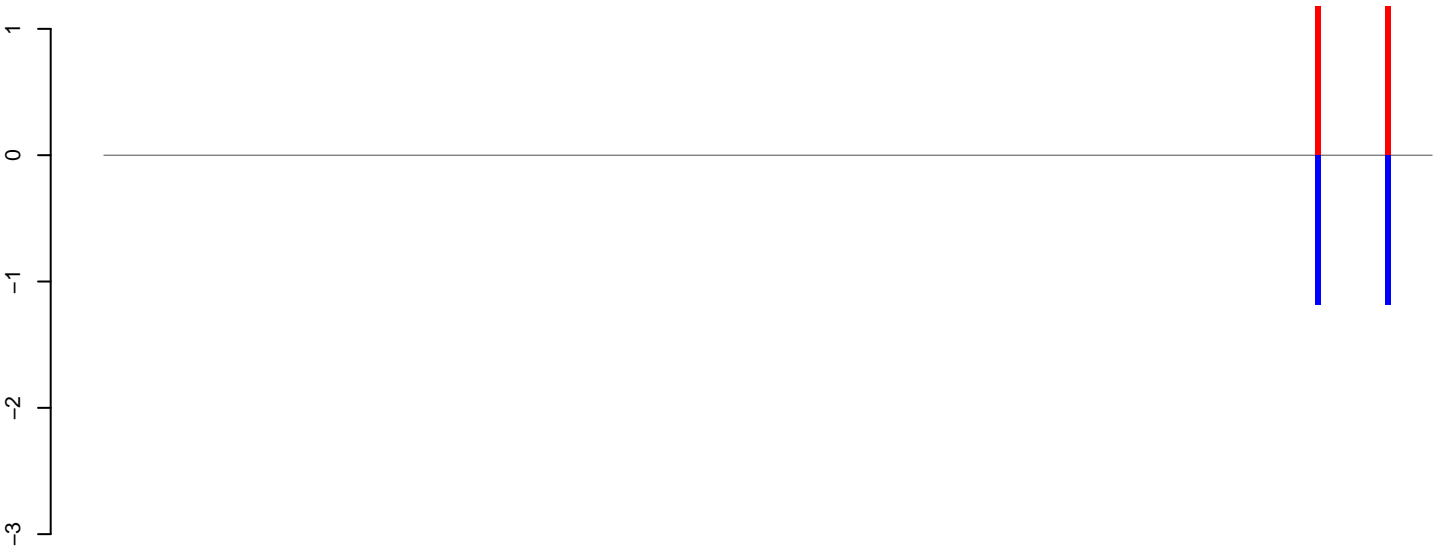
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

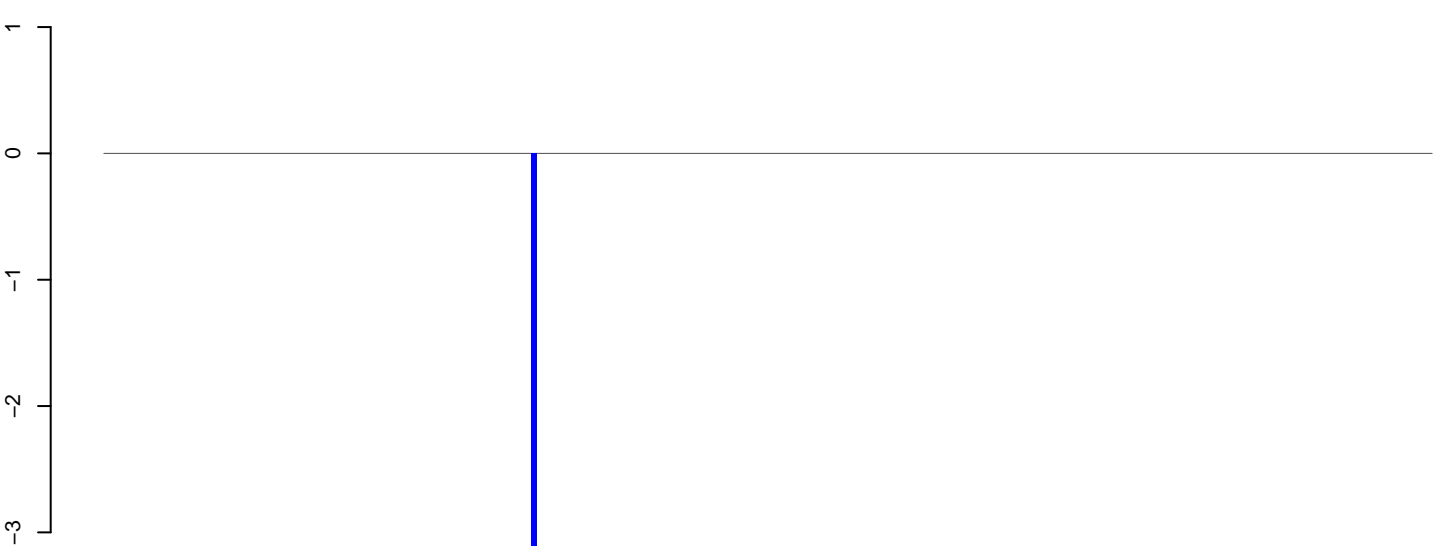


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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



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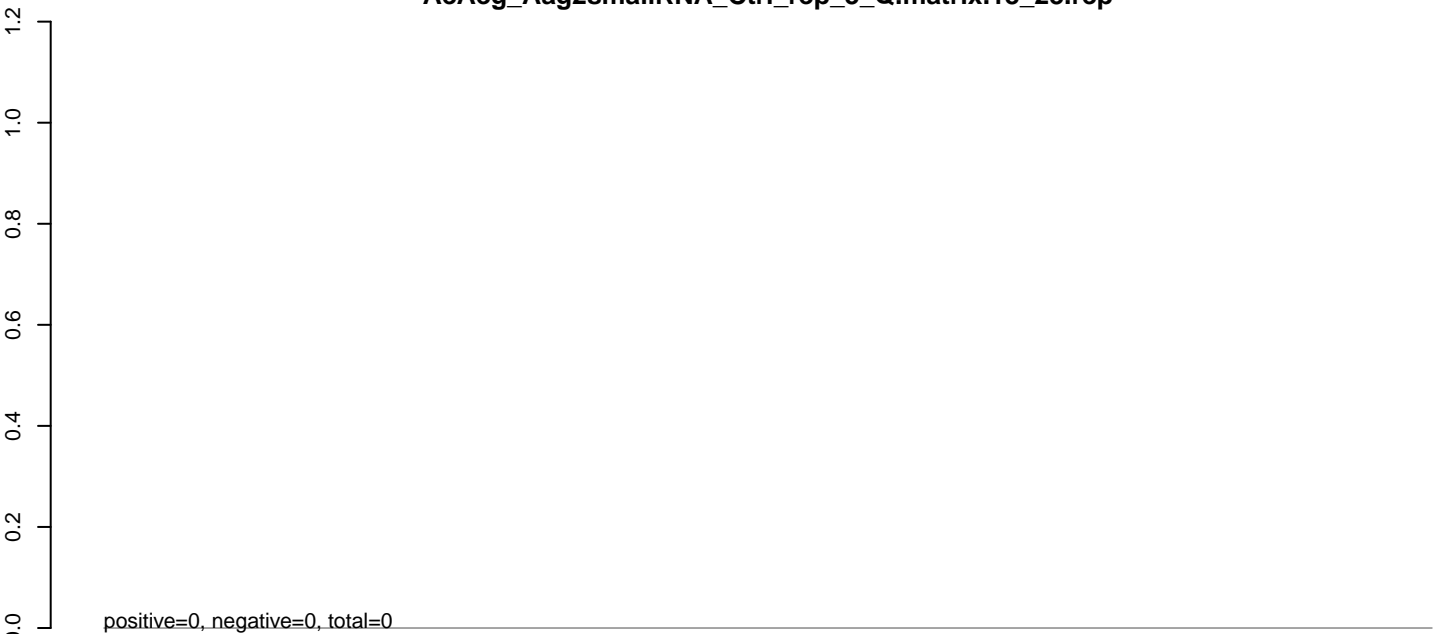
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



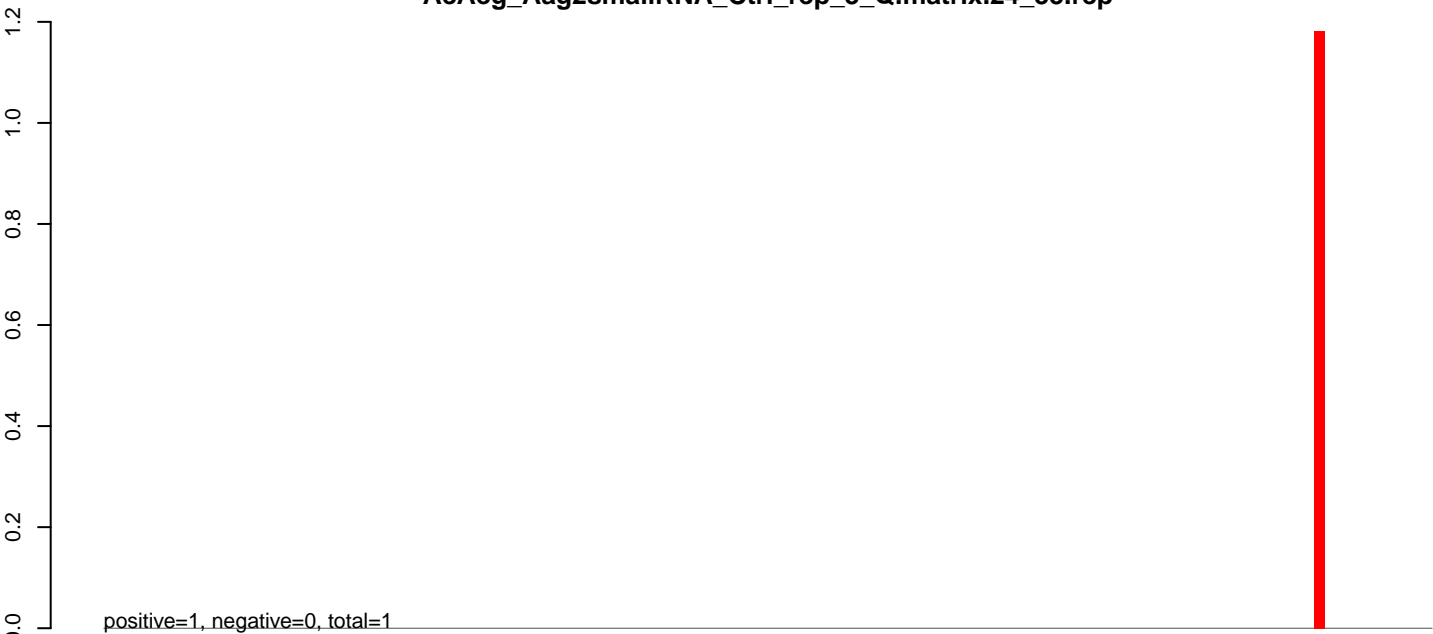
positive=2, negative=6, total=8

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

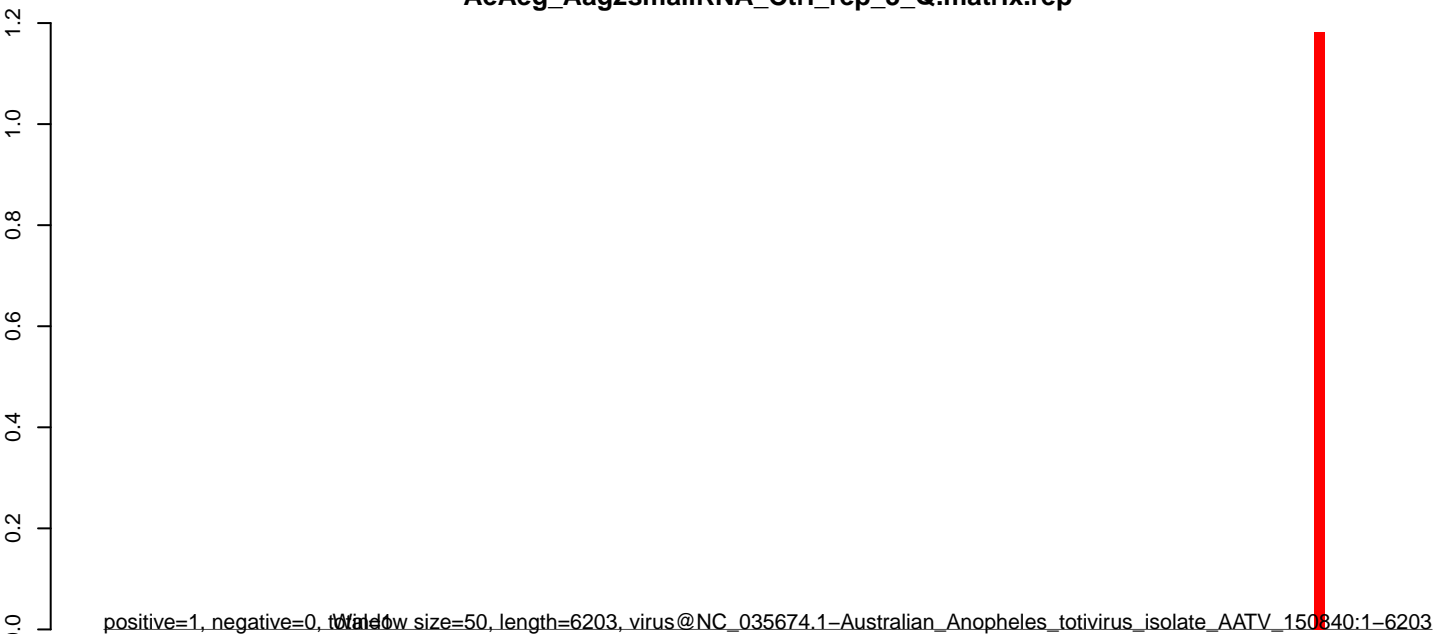
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



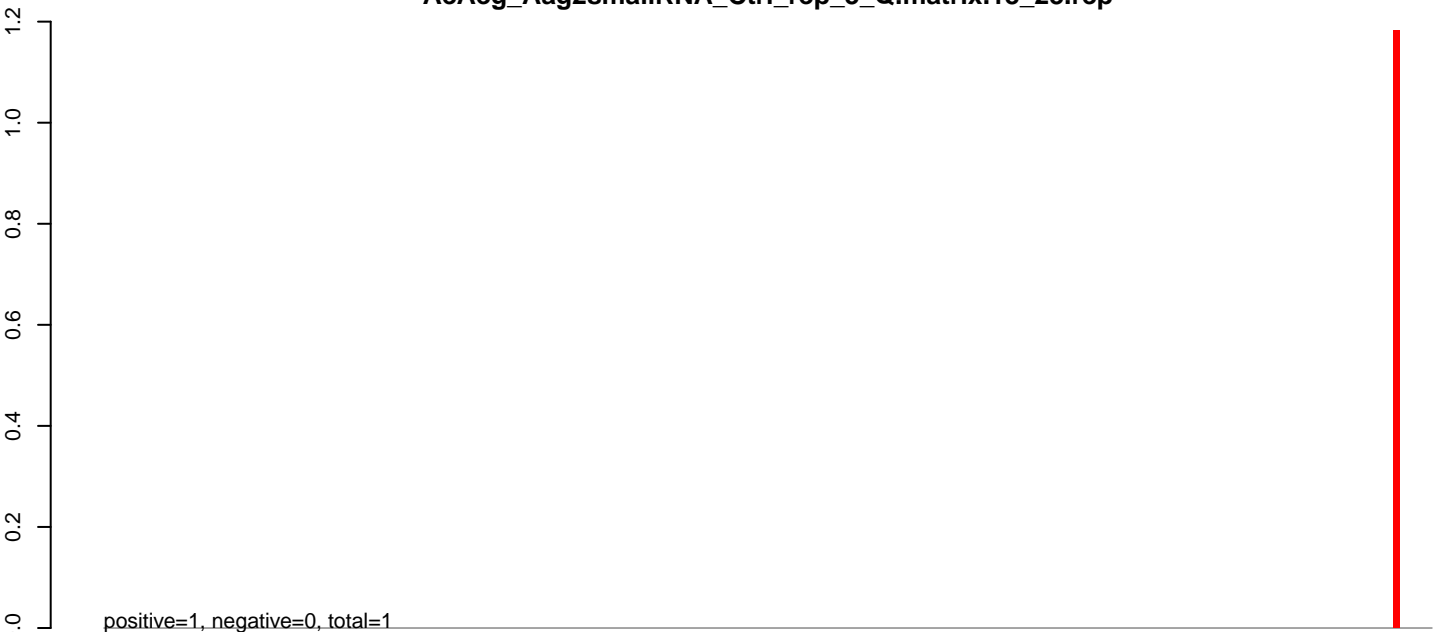
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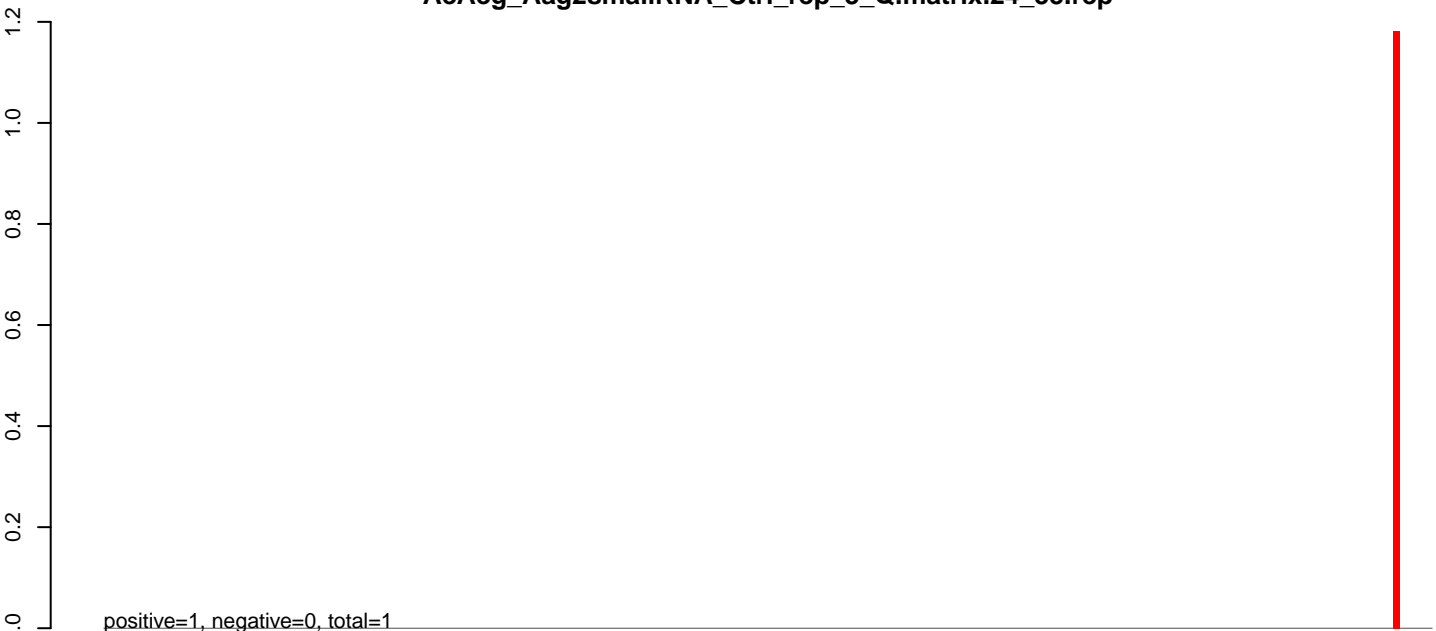
Window size=50, length=6203, virus@NC\_035674.1-Australian\_Anopheles\_totivirus\_isolate\_AATV\_150840:1-6203

0 1000 2000 3000 4000 5000 6000

AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

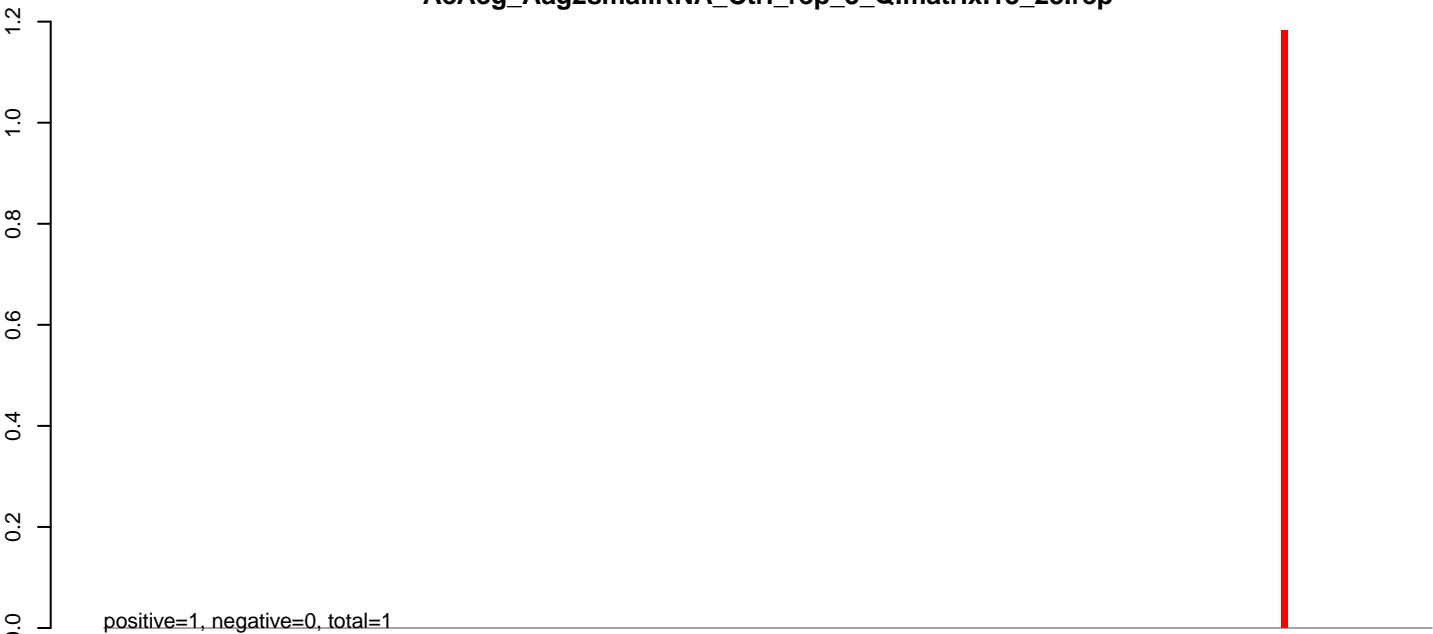


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

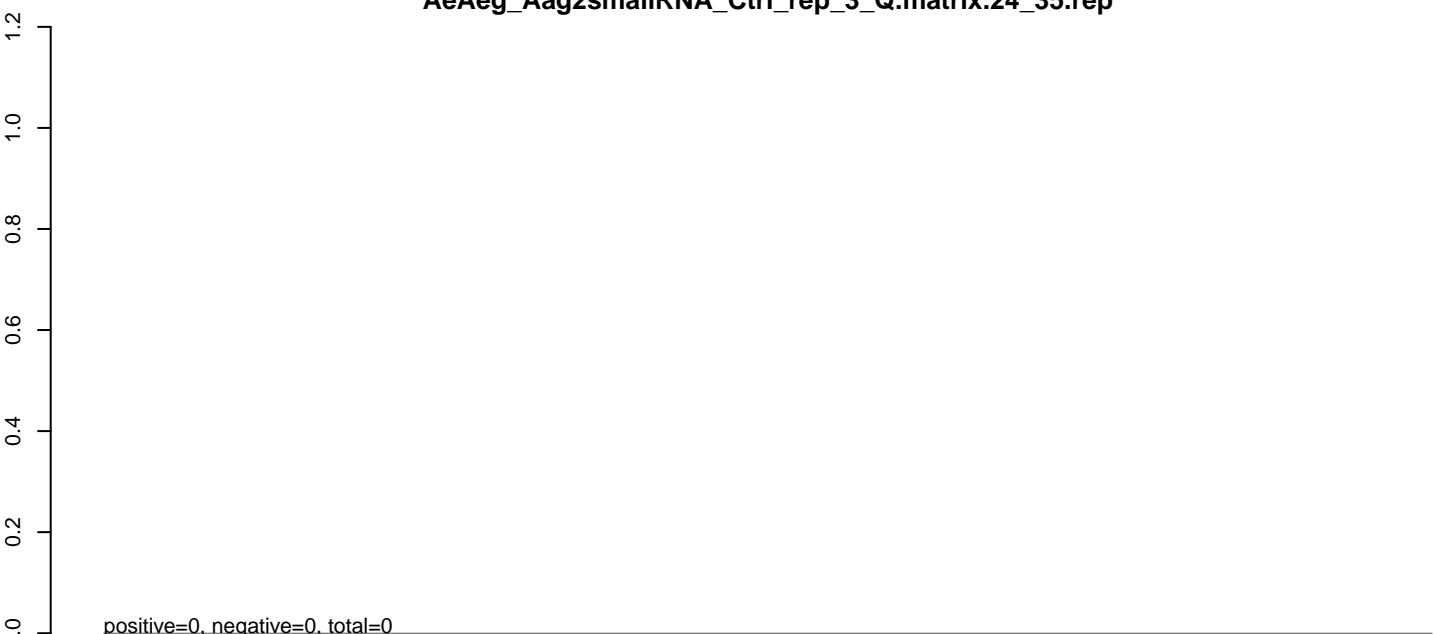


positive=2, negative=0, total=2, contig size=50, length=10173, virus@NC\_033693.1-Bouboui\_virus\_strain\_DAK\_AR\_B490\_polyprotein\_gene:1-10173

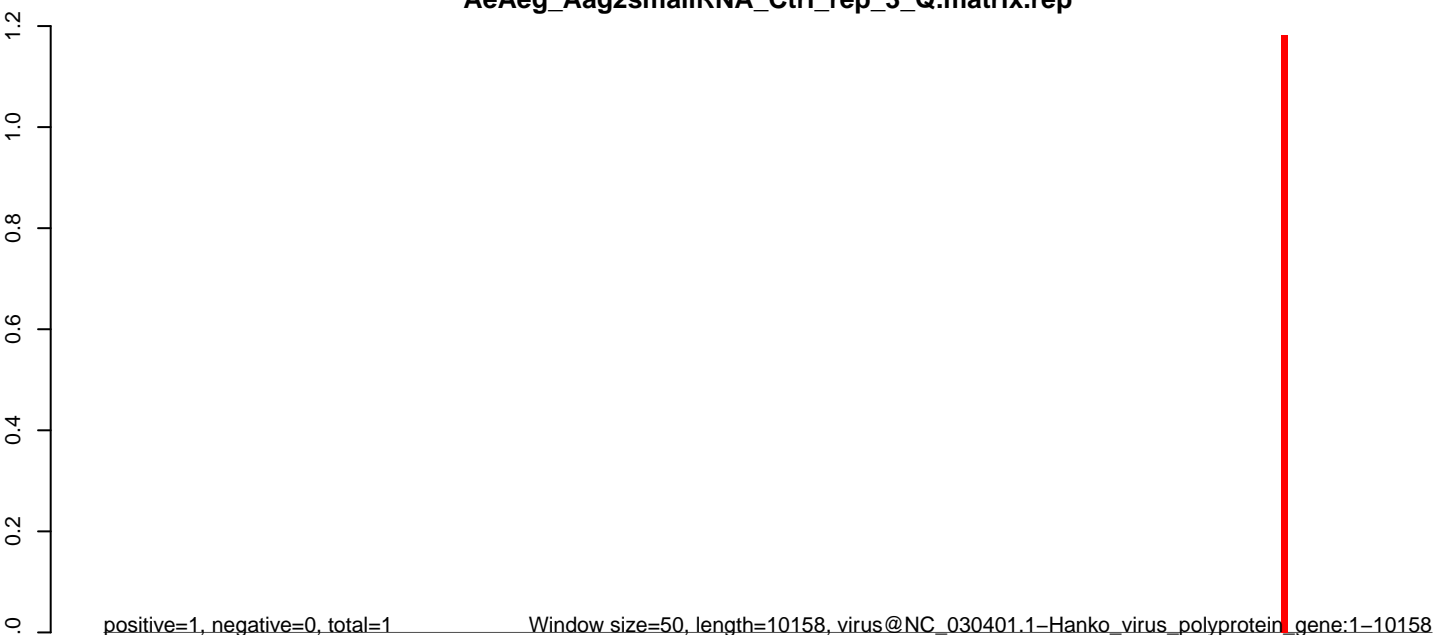
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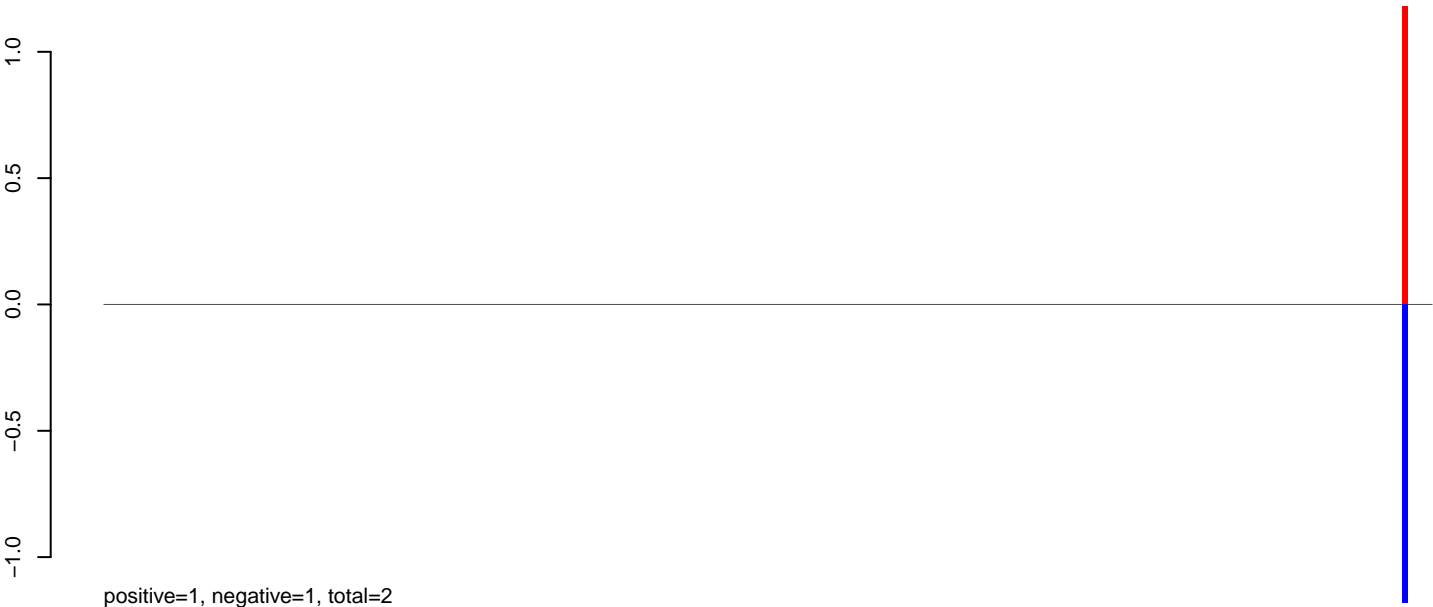


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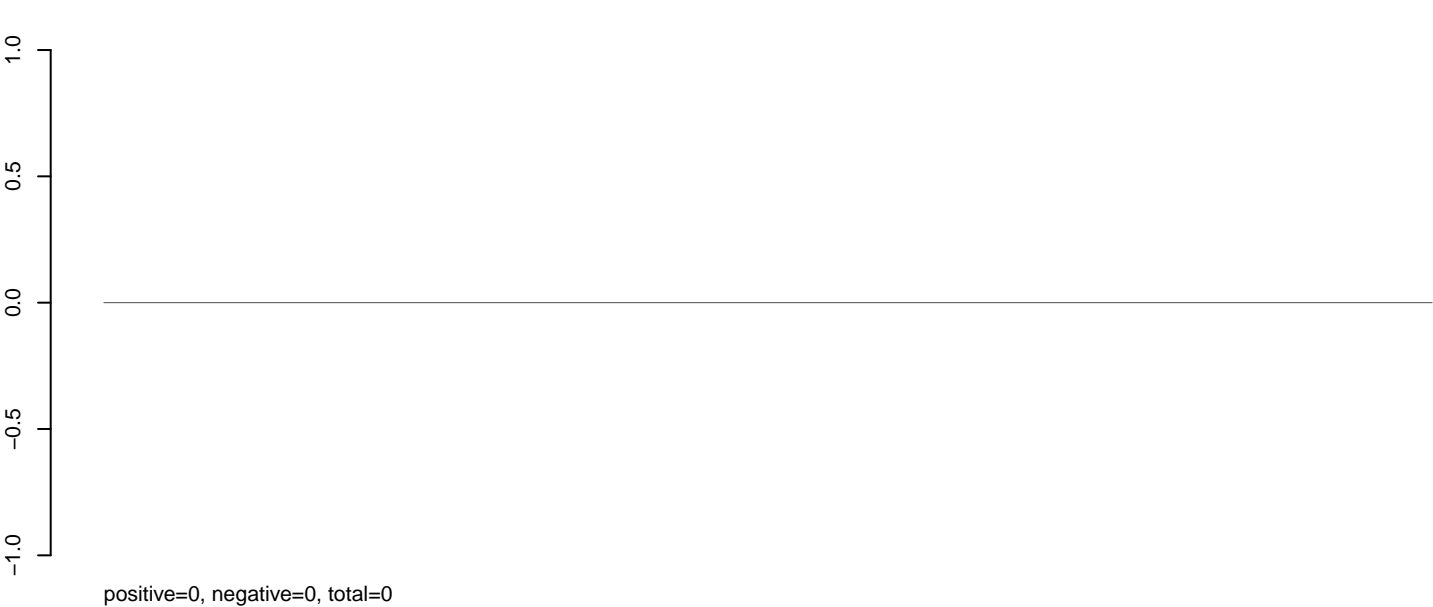




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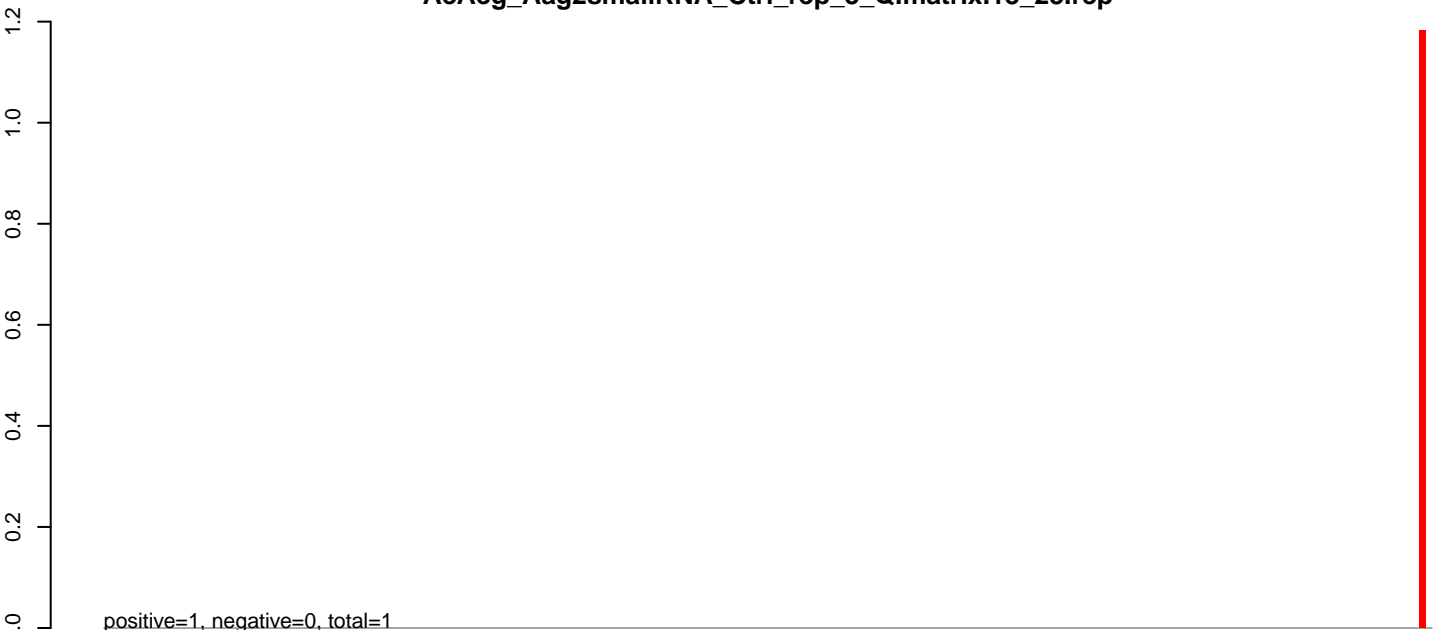
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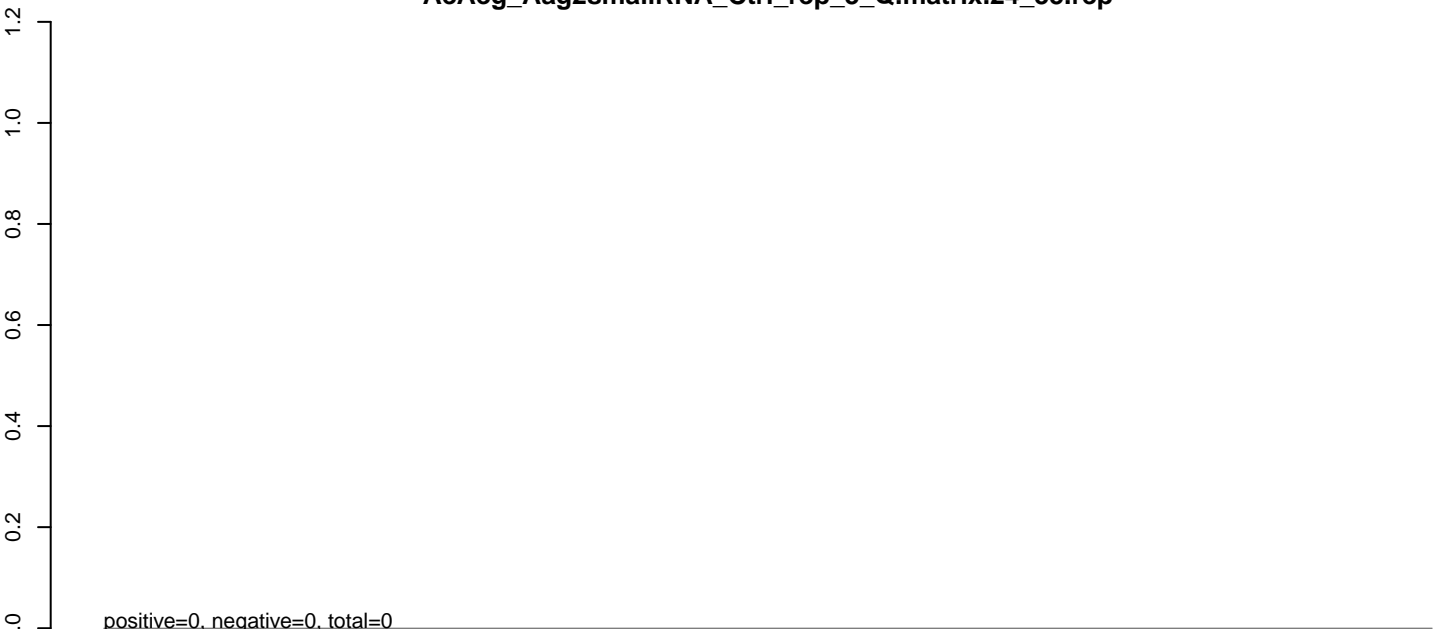
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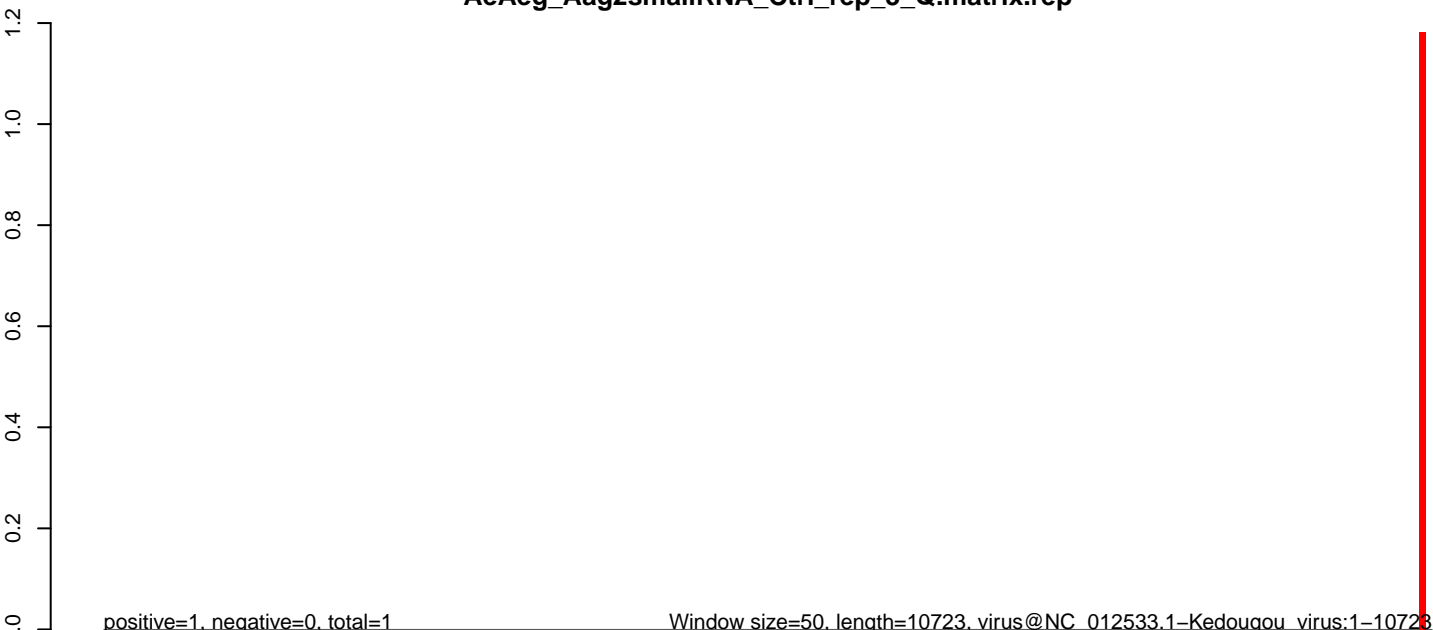
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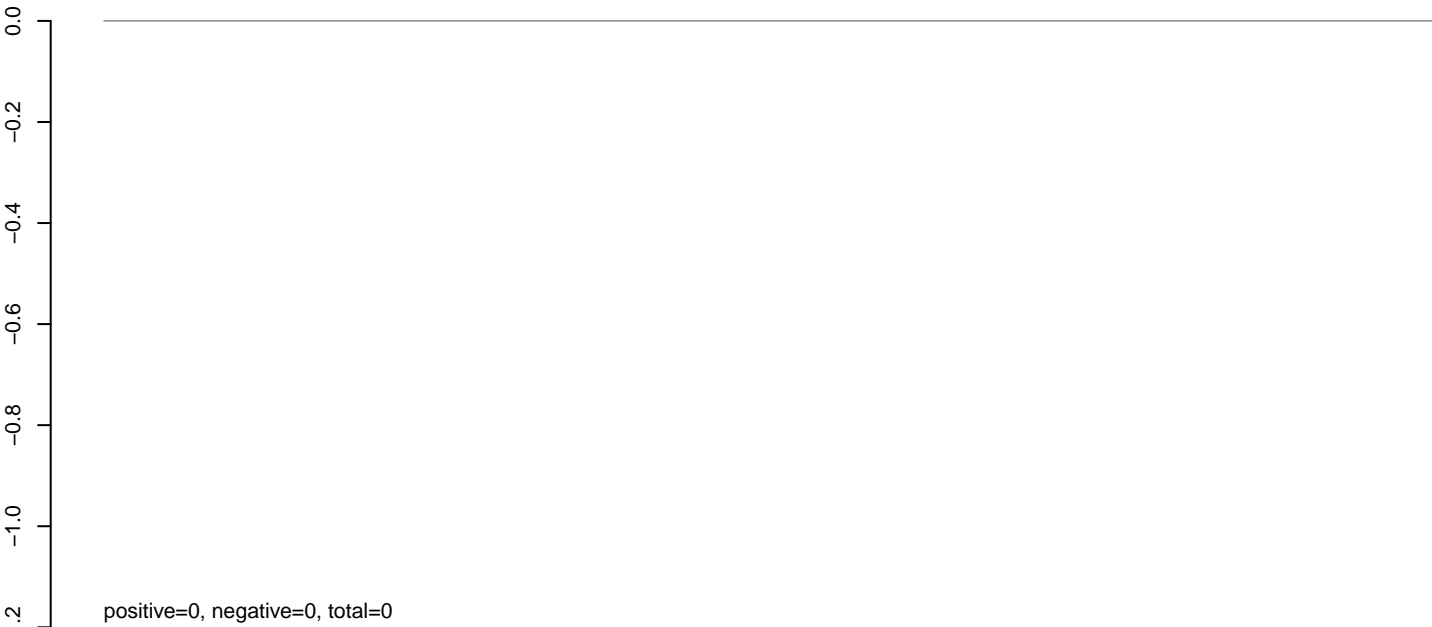
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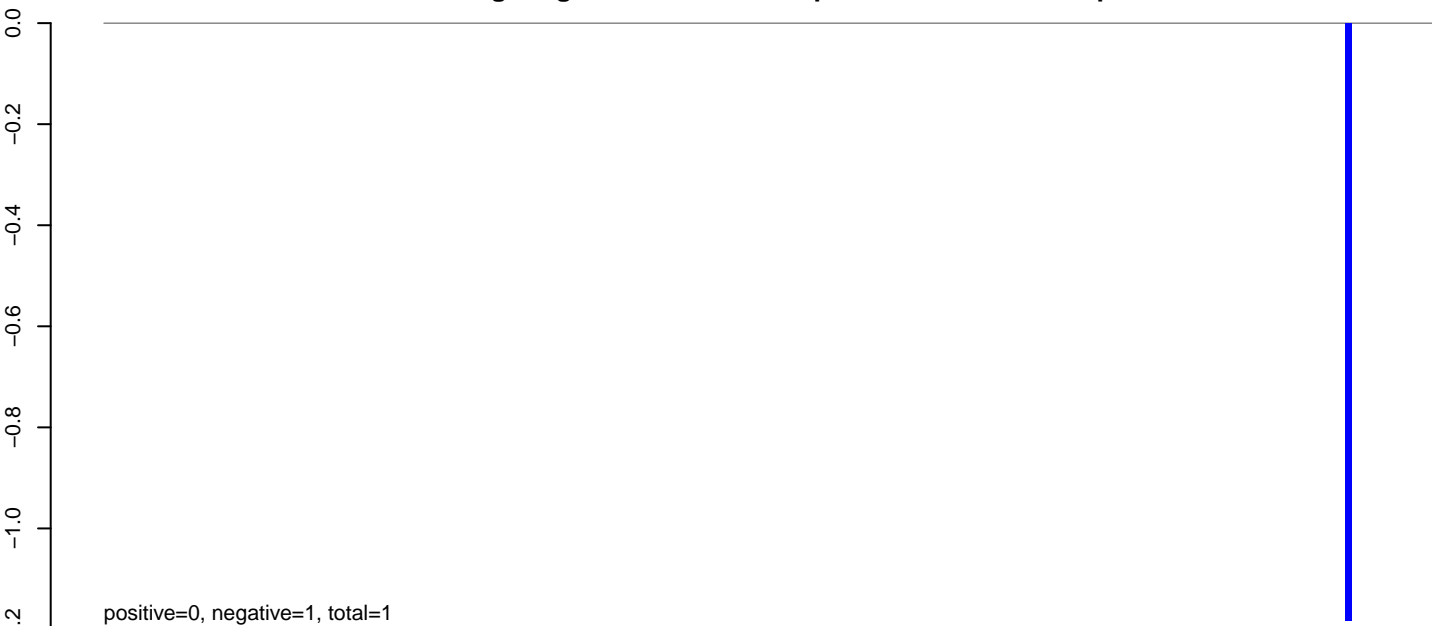
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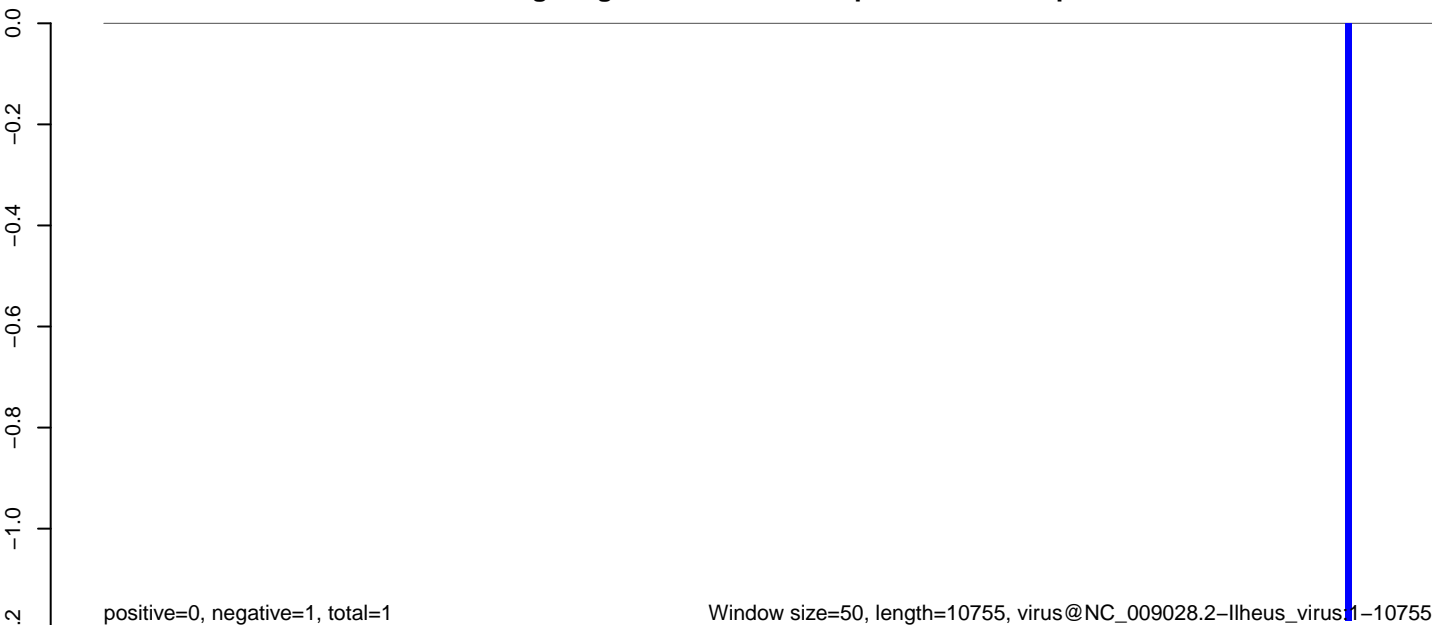
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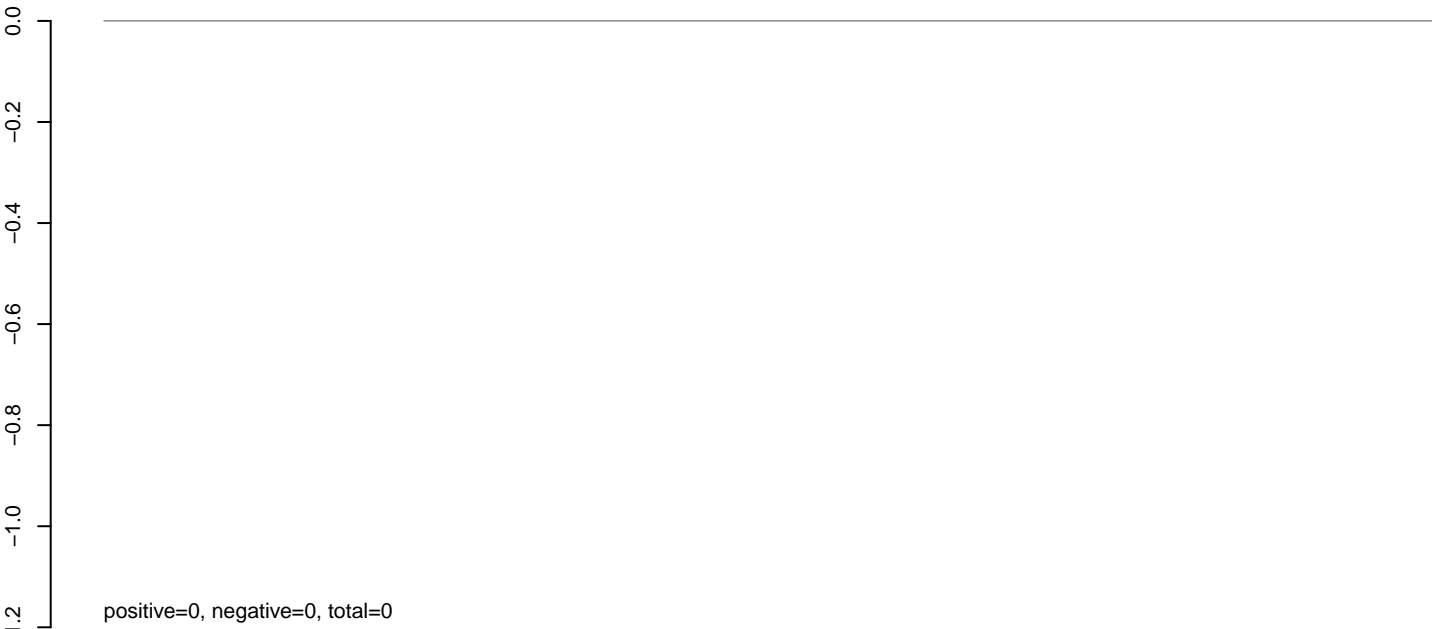
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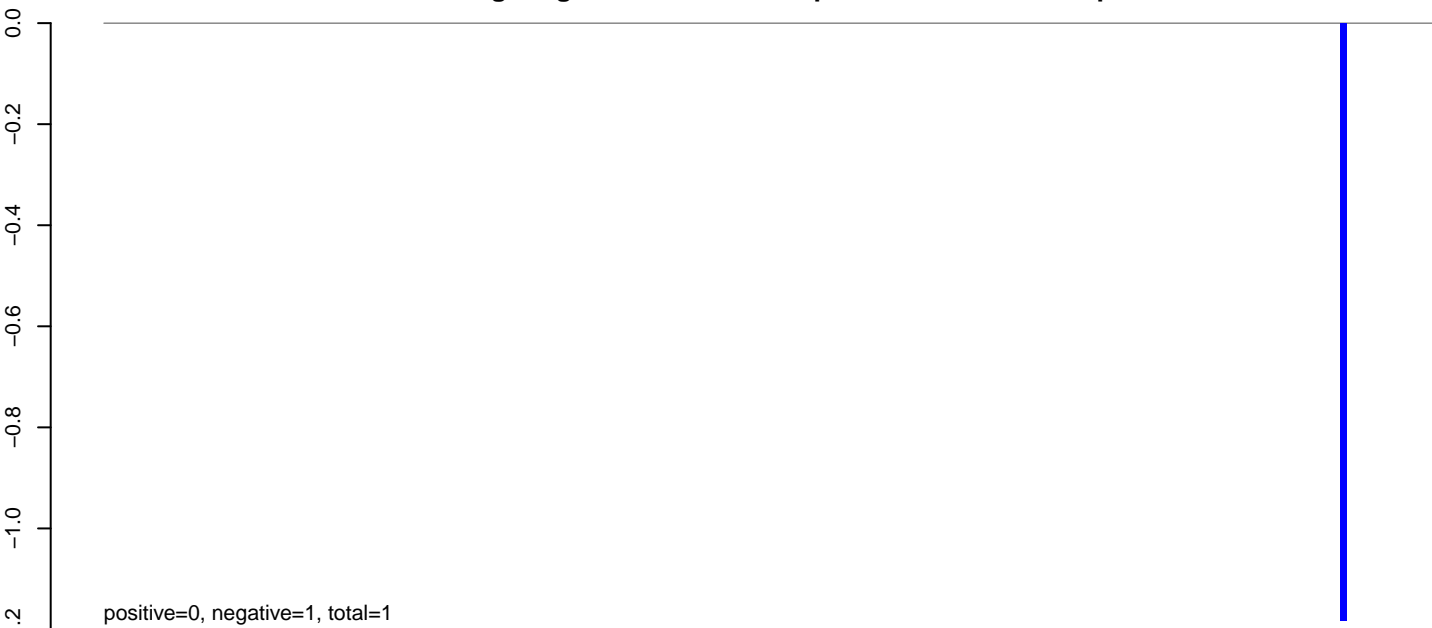
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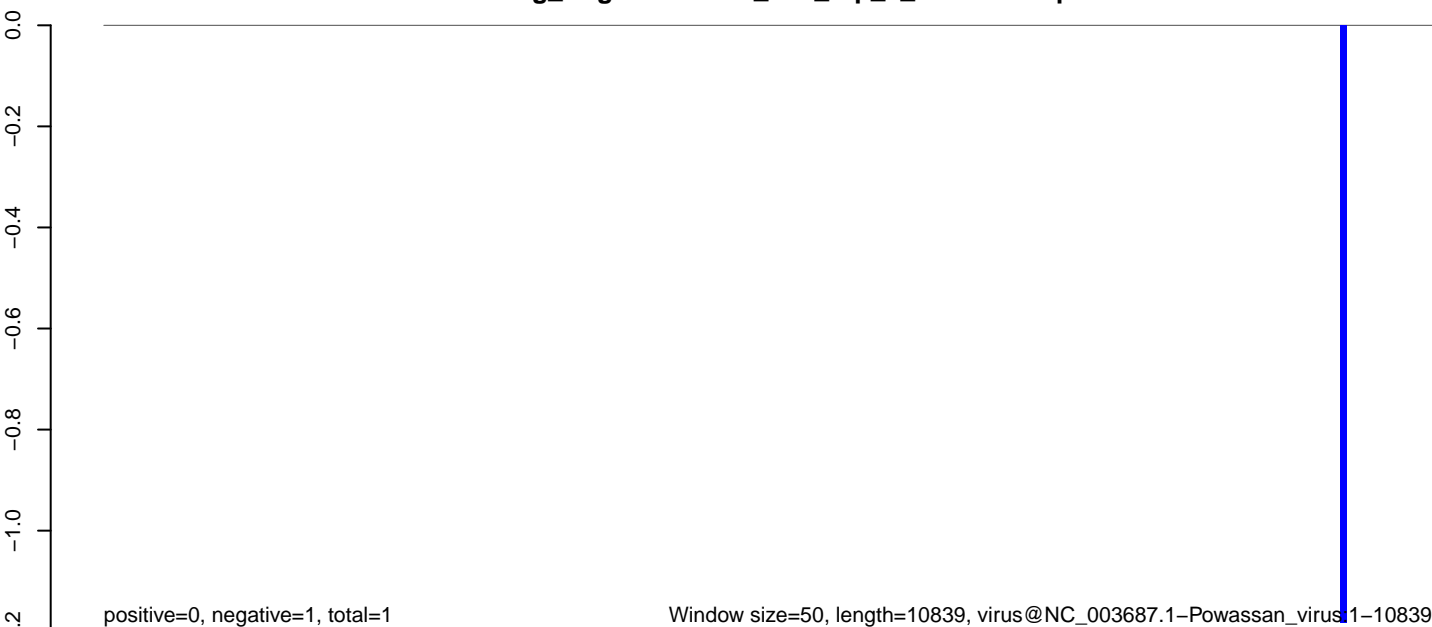
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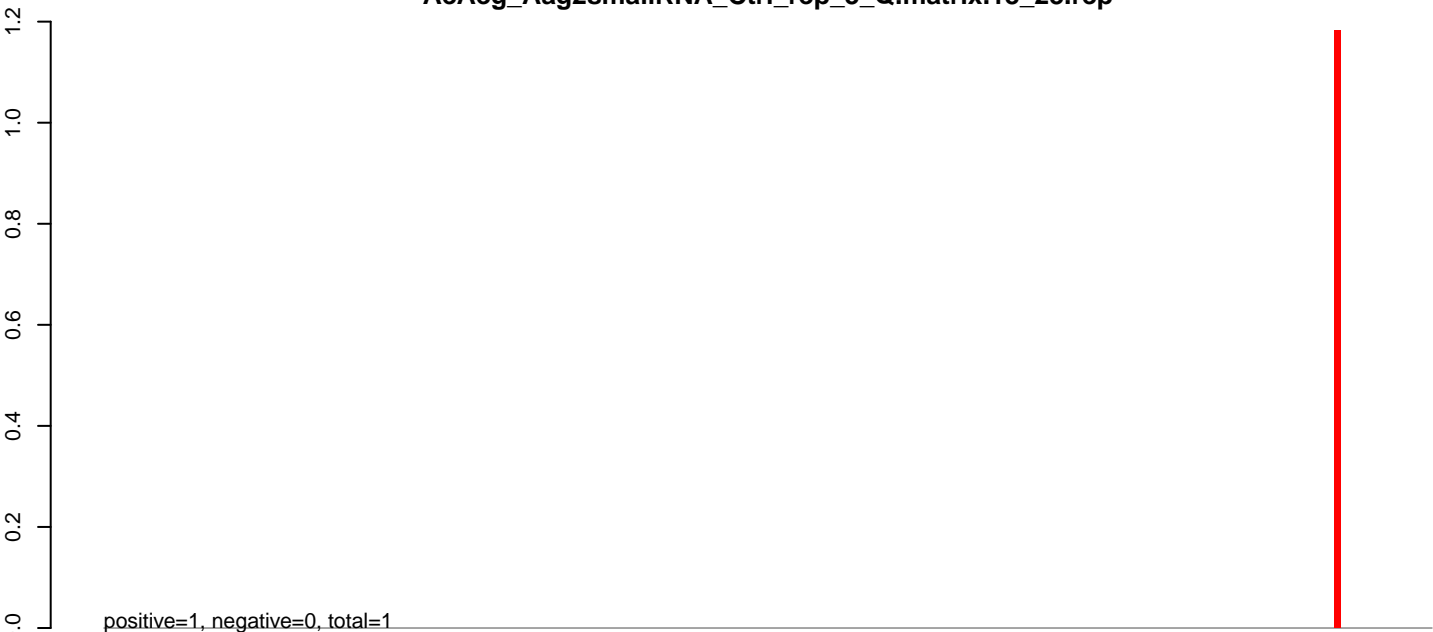
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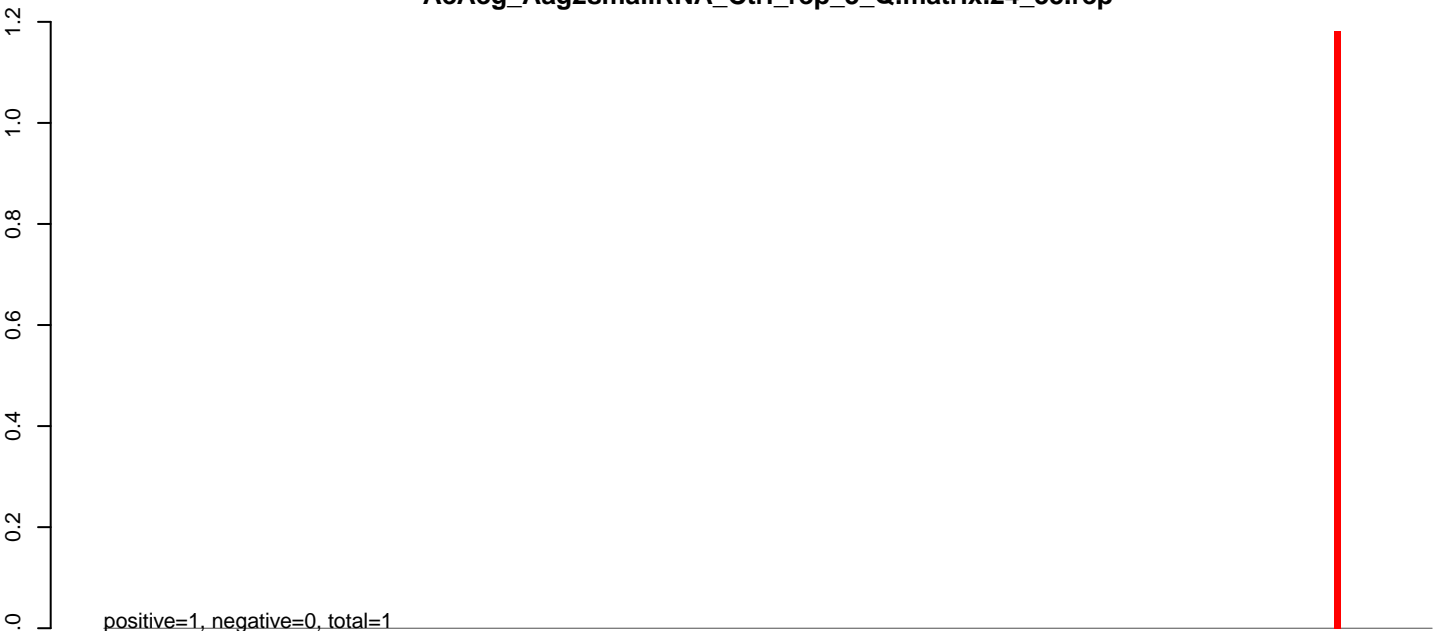
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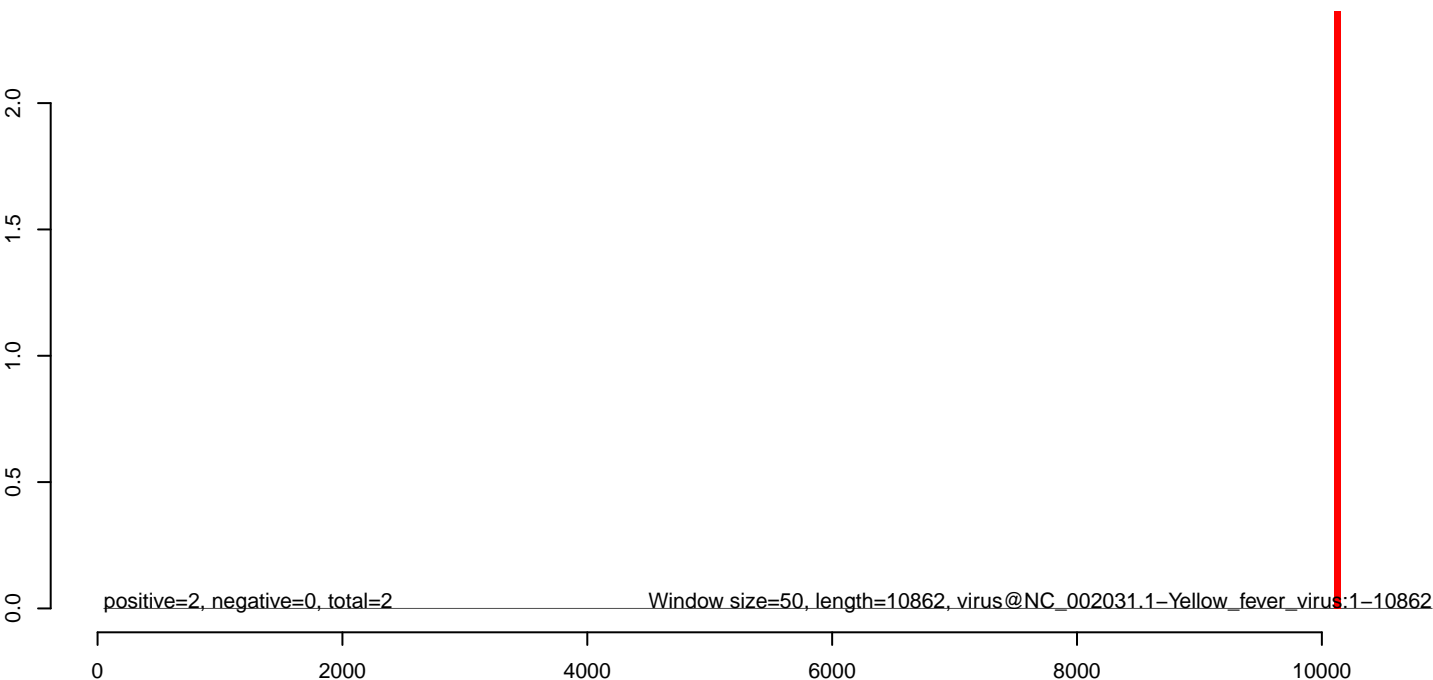
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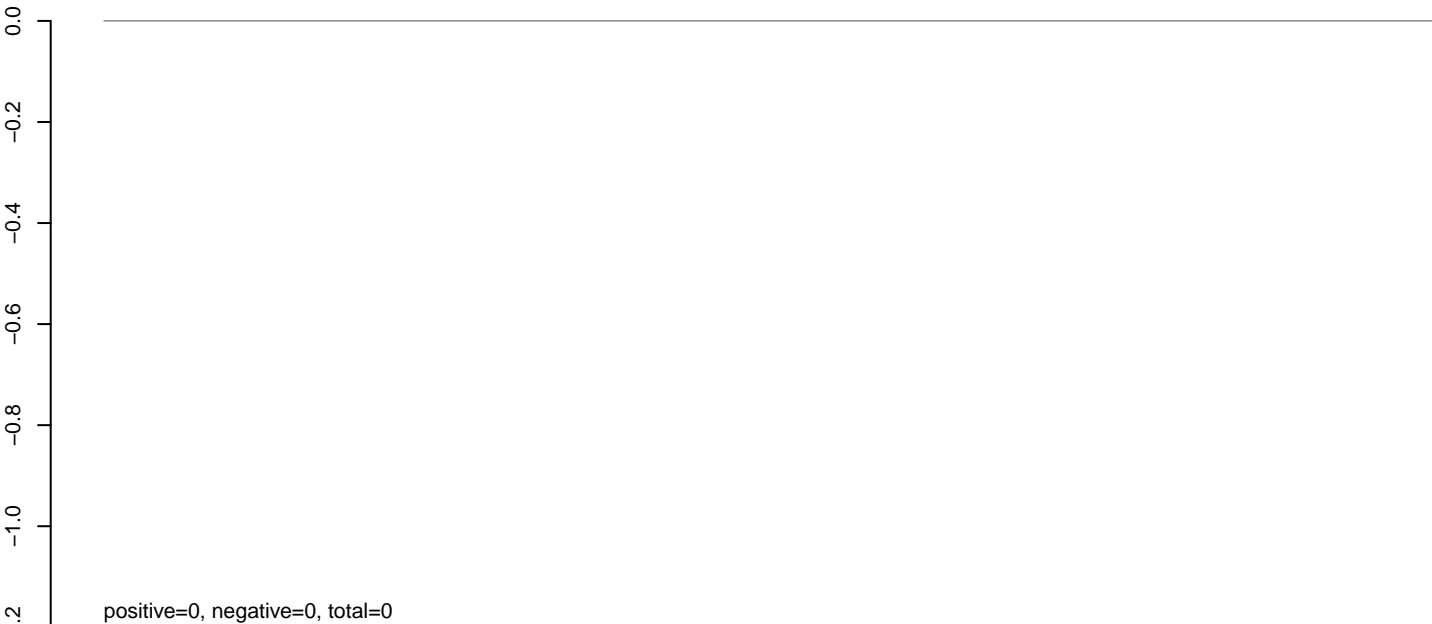
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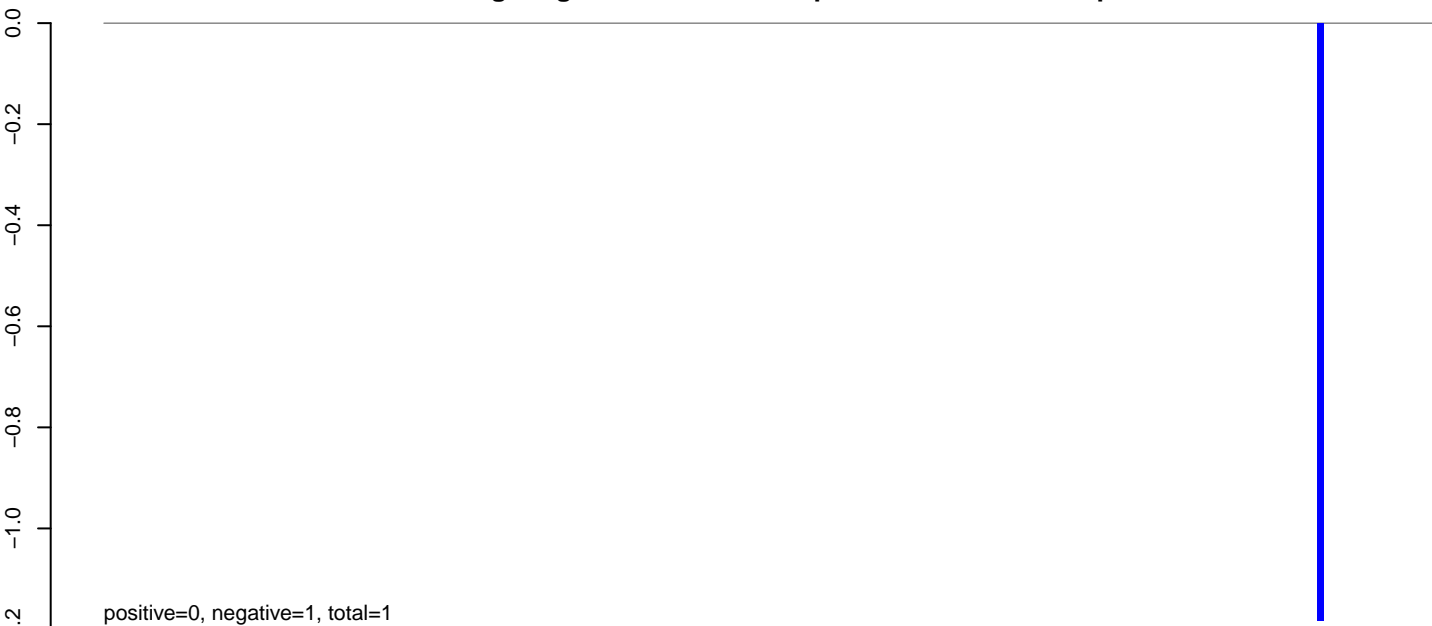
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



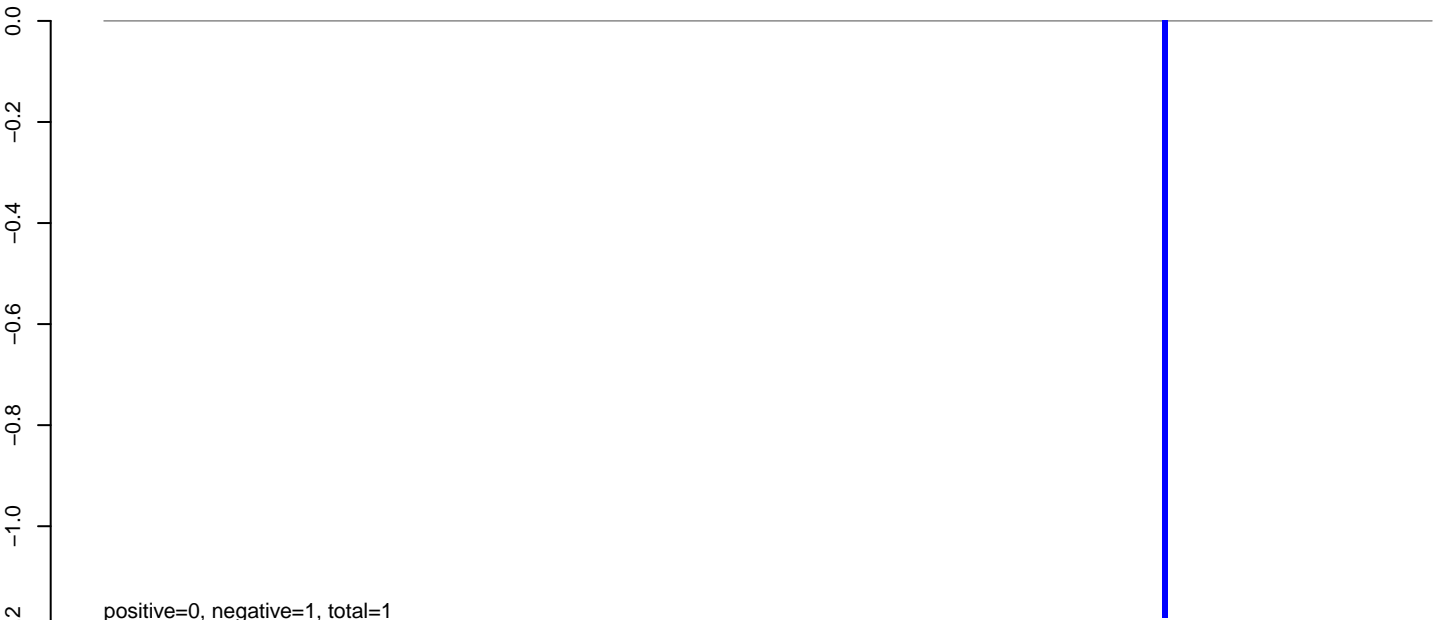
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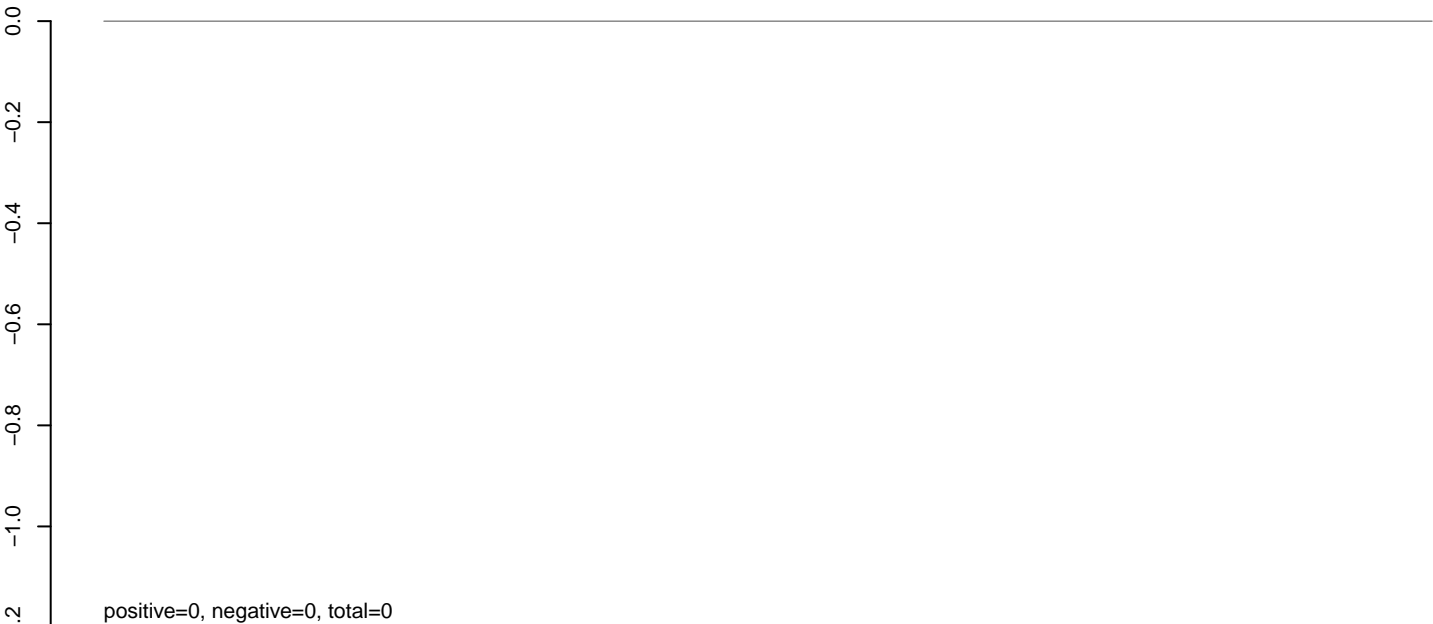
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

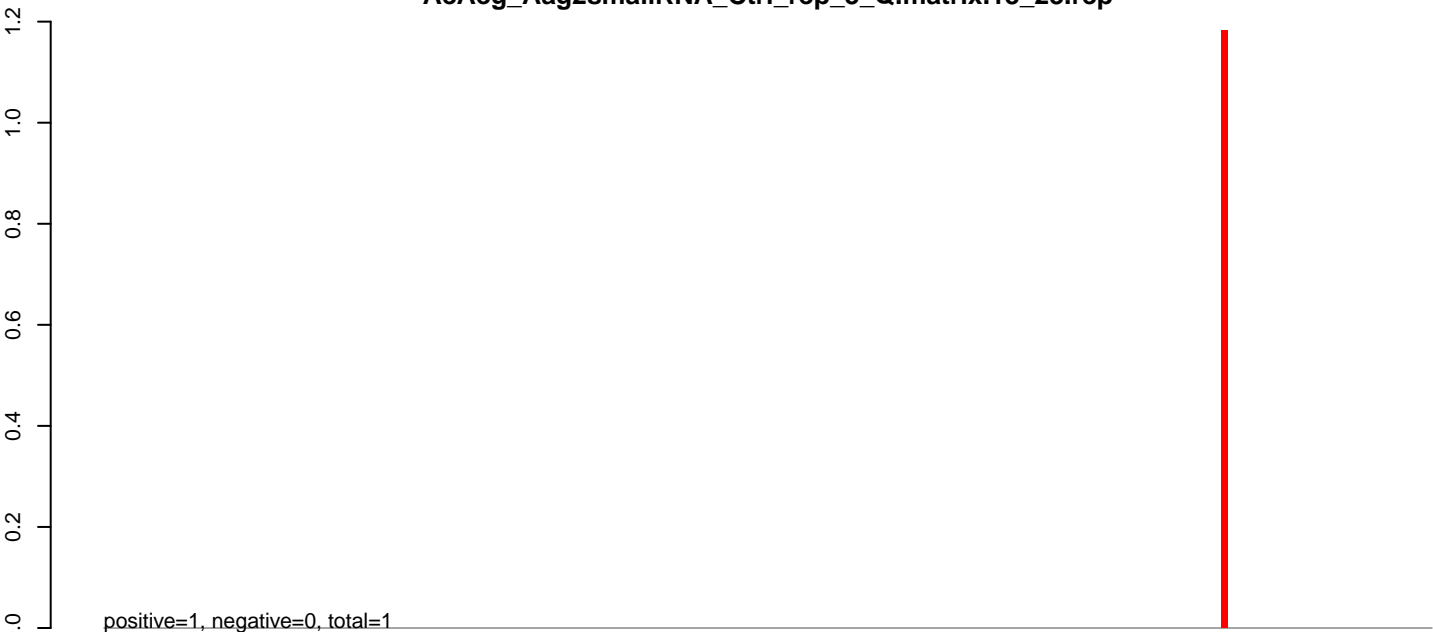


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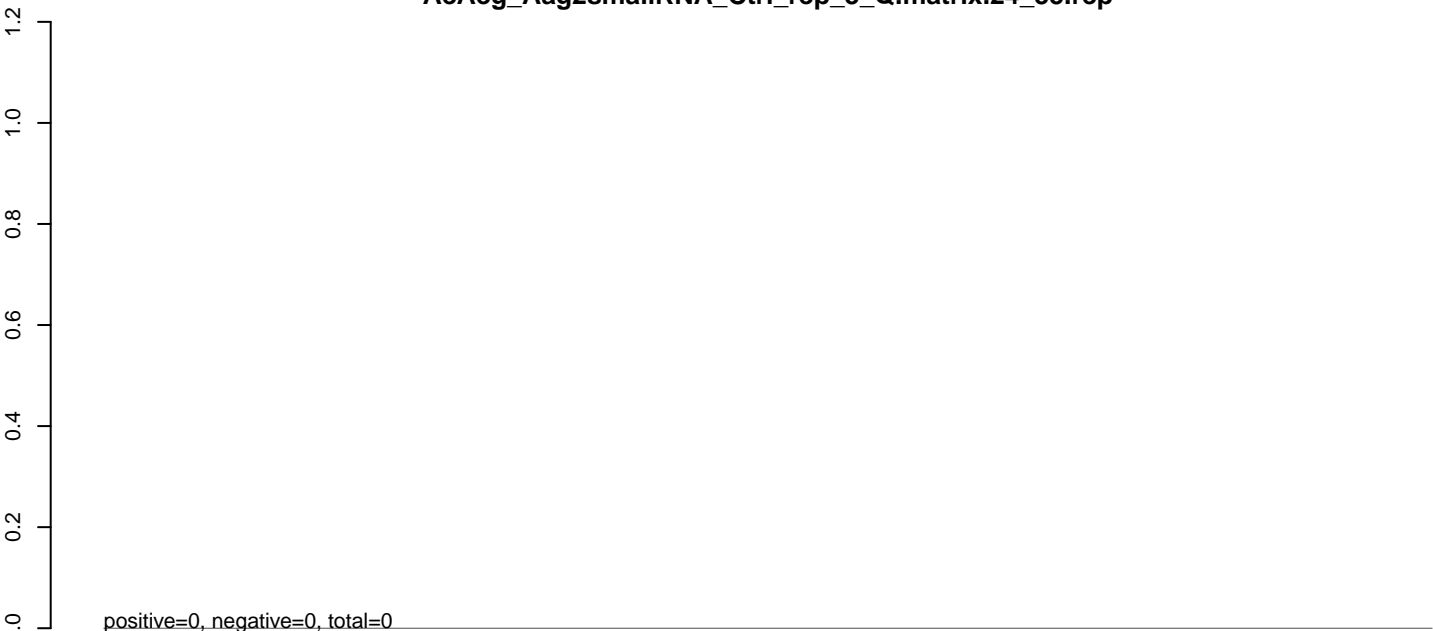


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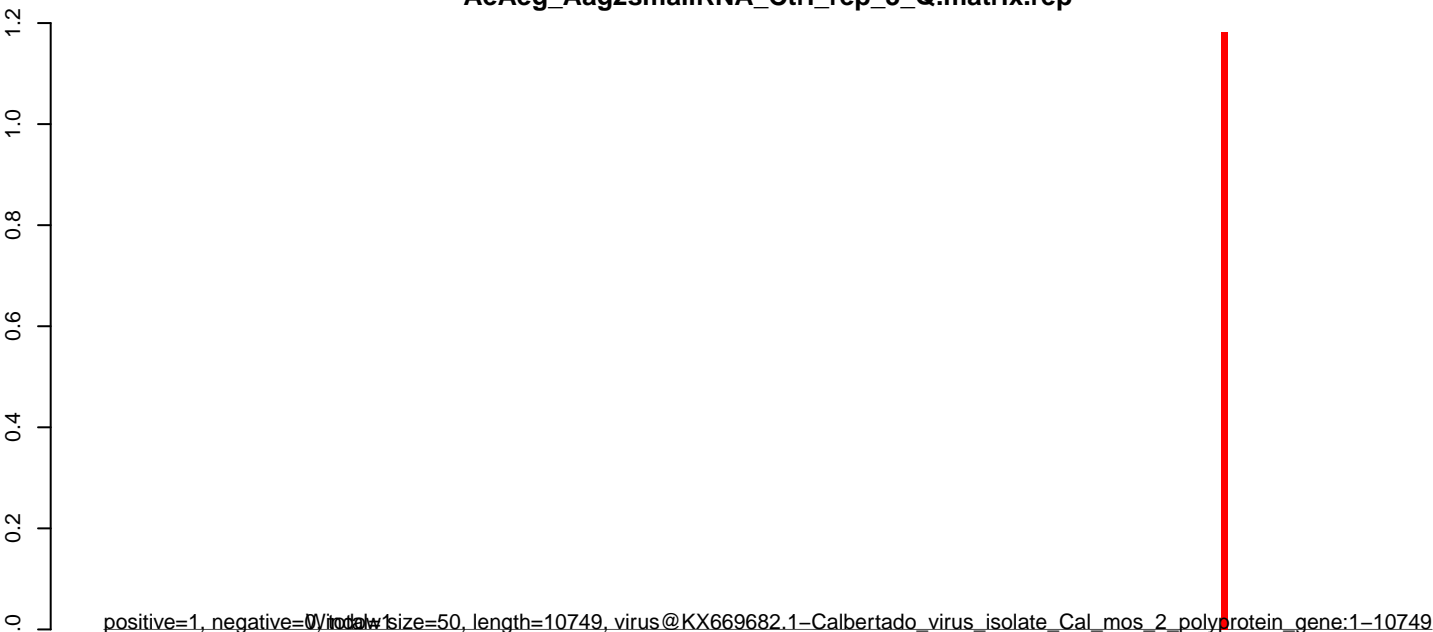
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



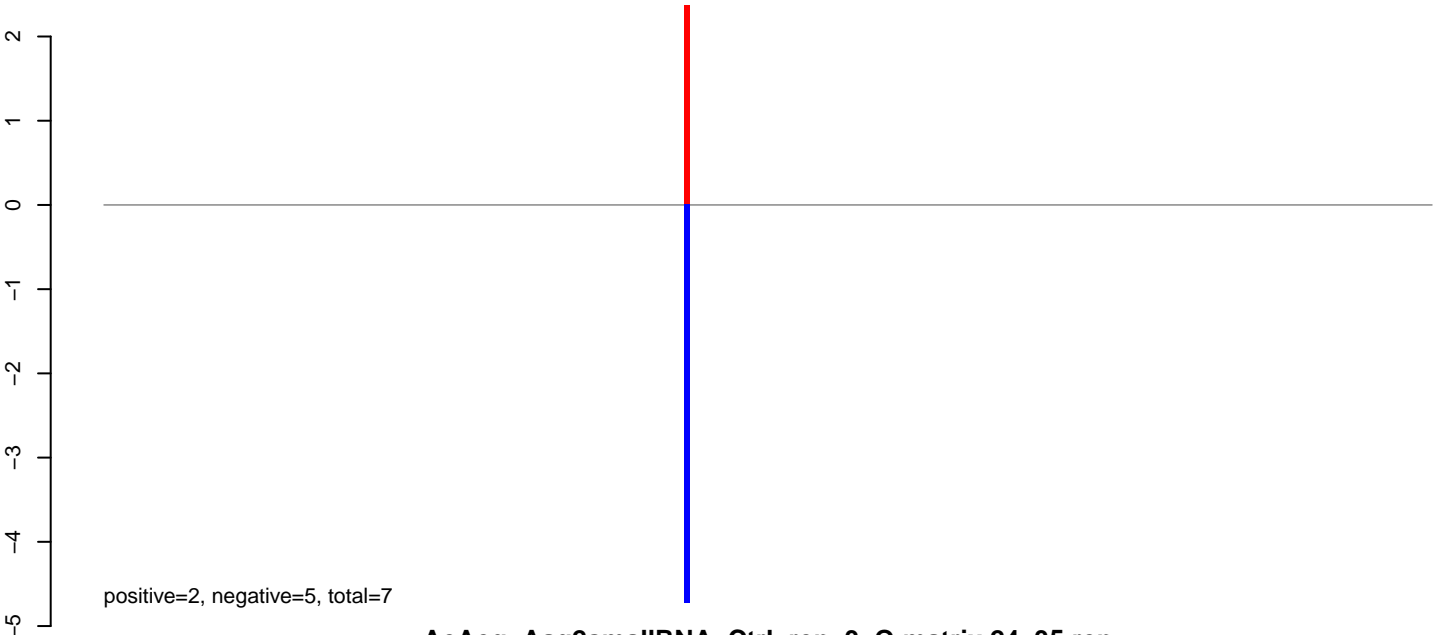
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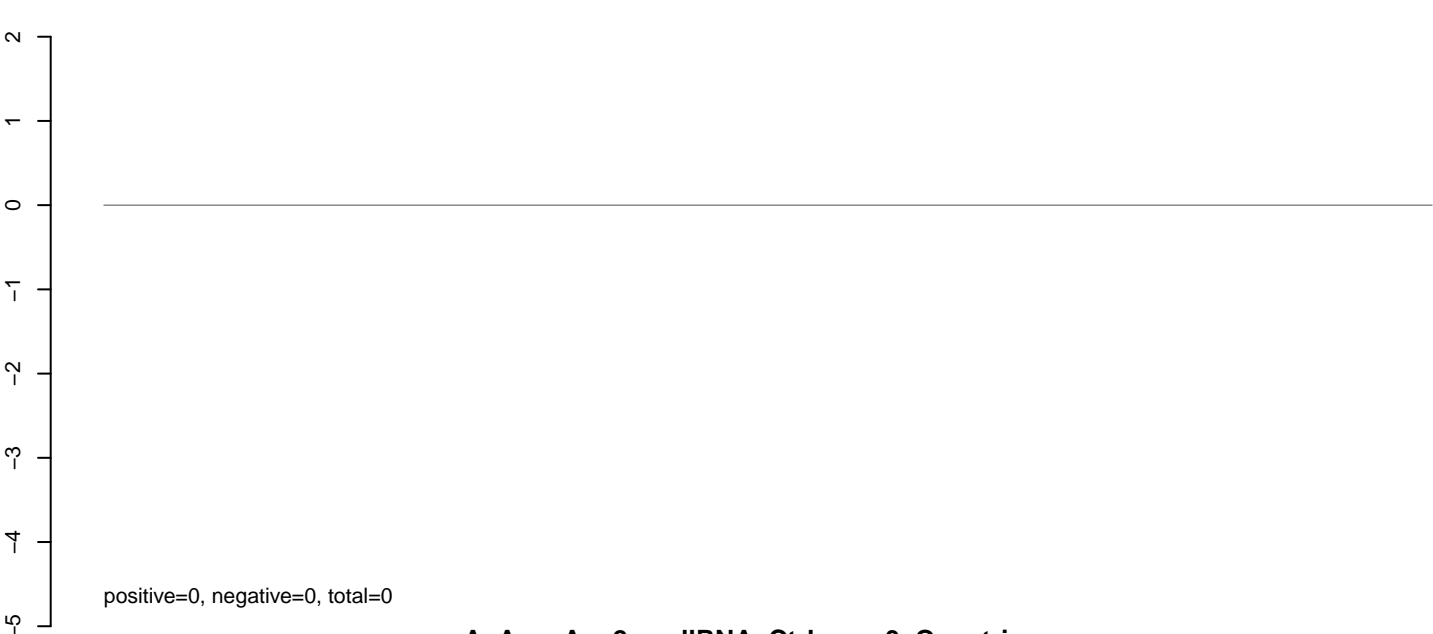
Window size=50, length=10749, virus@KX669682.1-Calbertado\_virus\_isolate\_Cal\_mos\_2\_polyprotein\_gene:1-10749



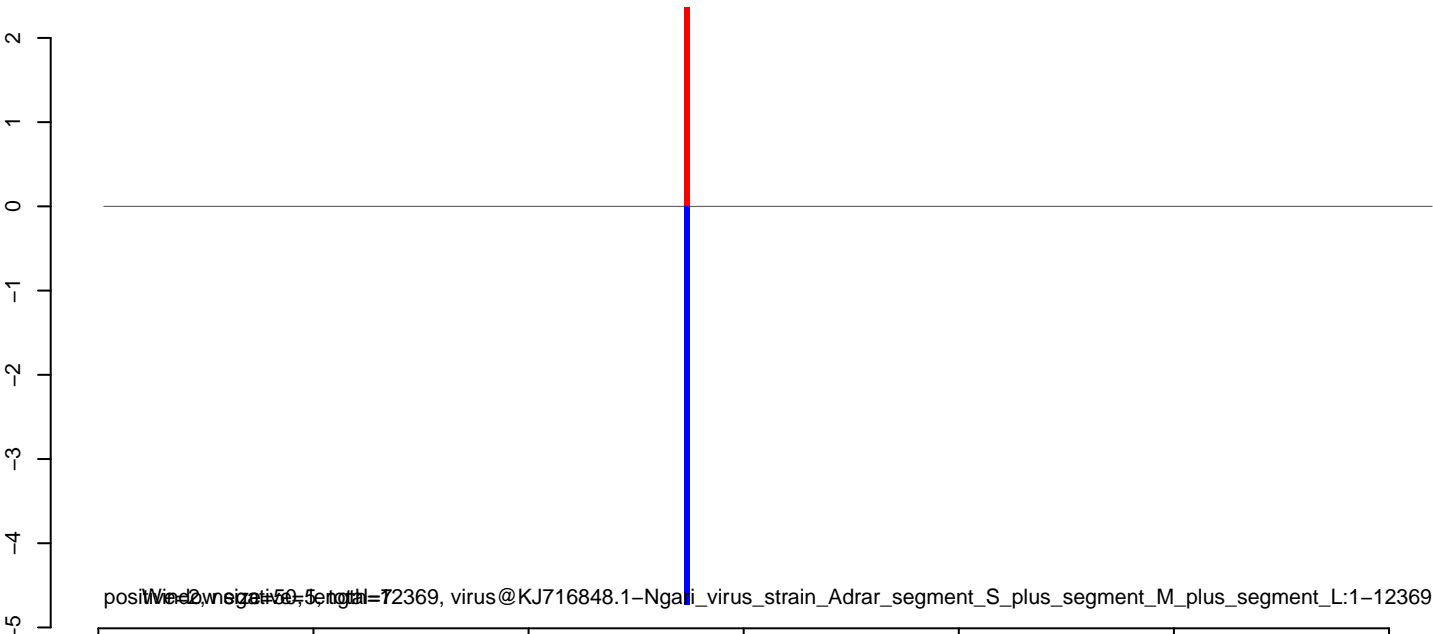
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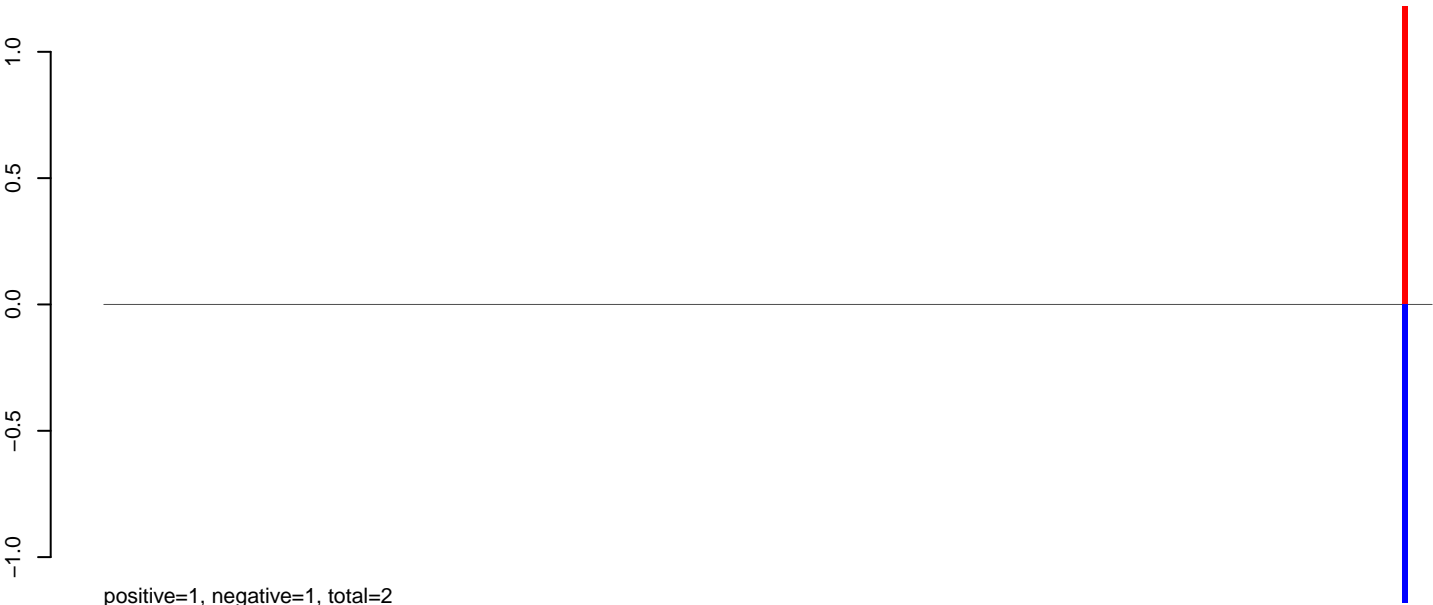


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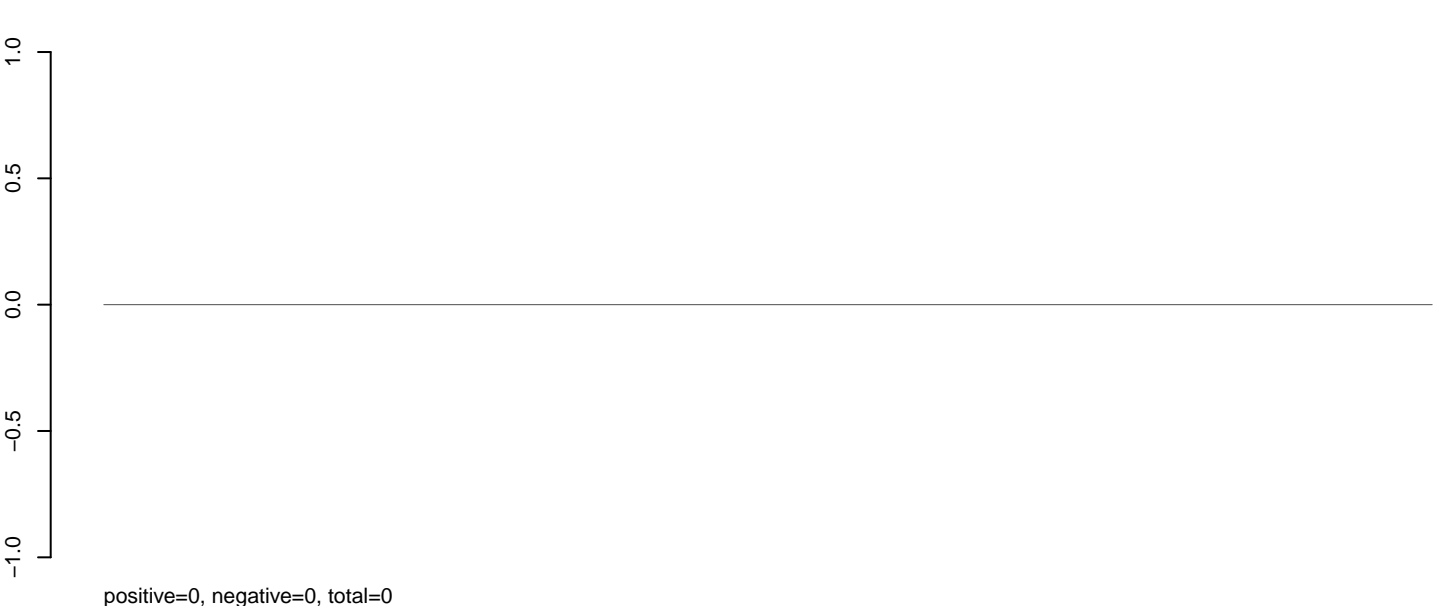


Wiedzy, negative=5, total=72369, virus@KJ716848.1-Ngali\_virus\_strain\_Adrar\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12369

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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



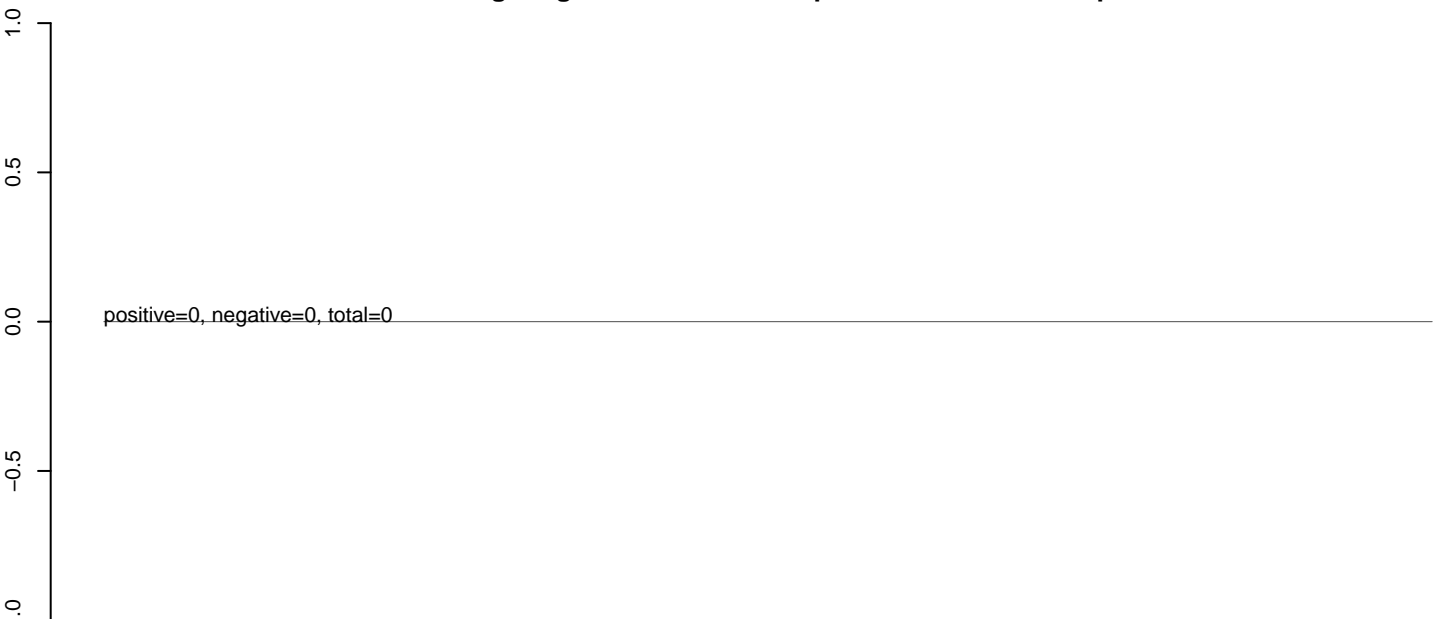
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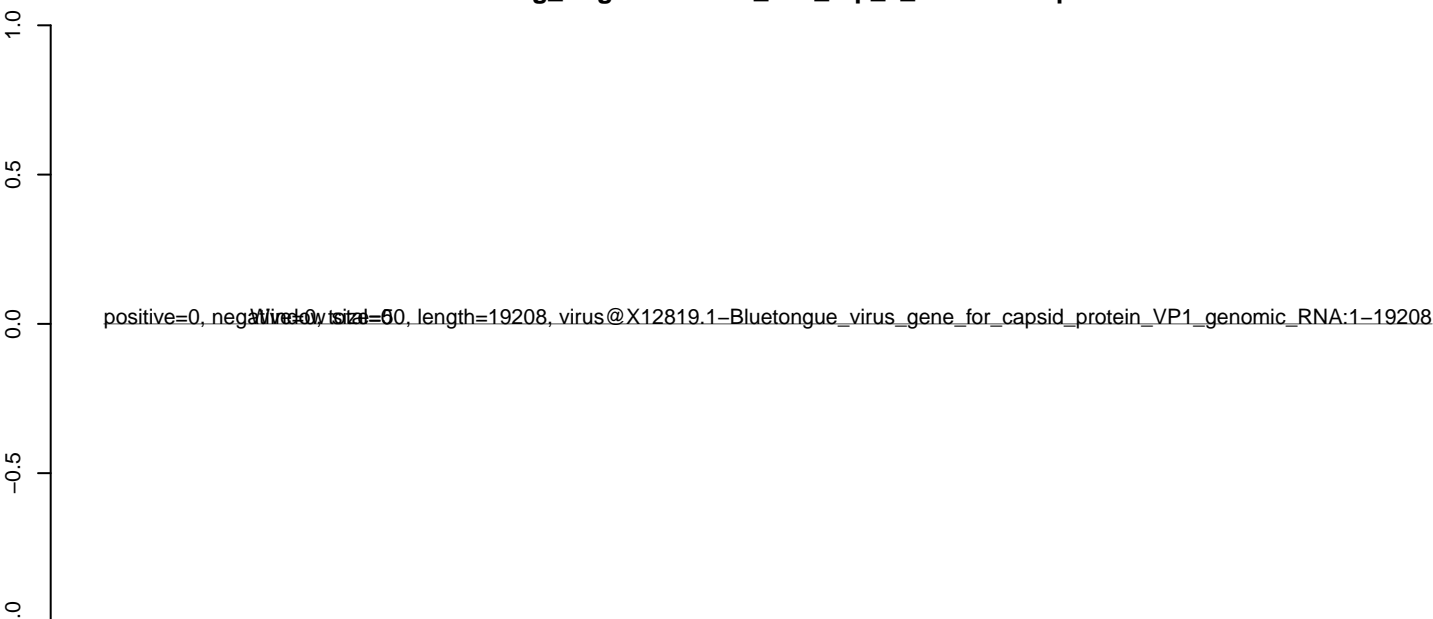
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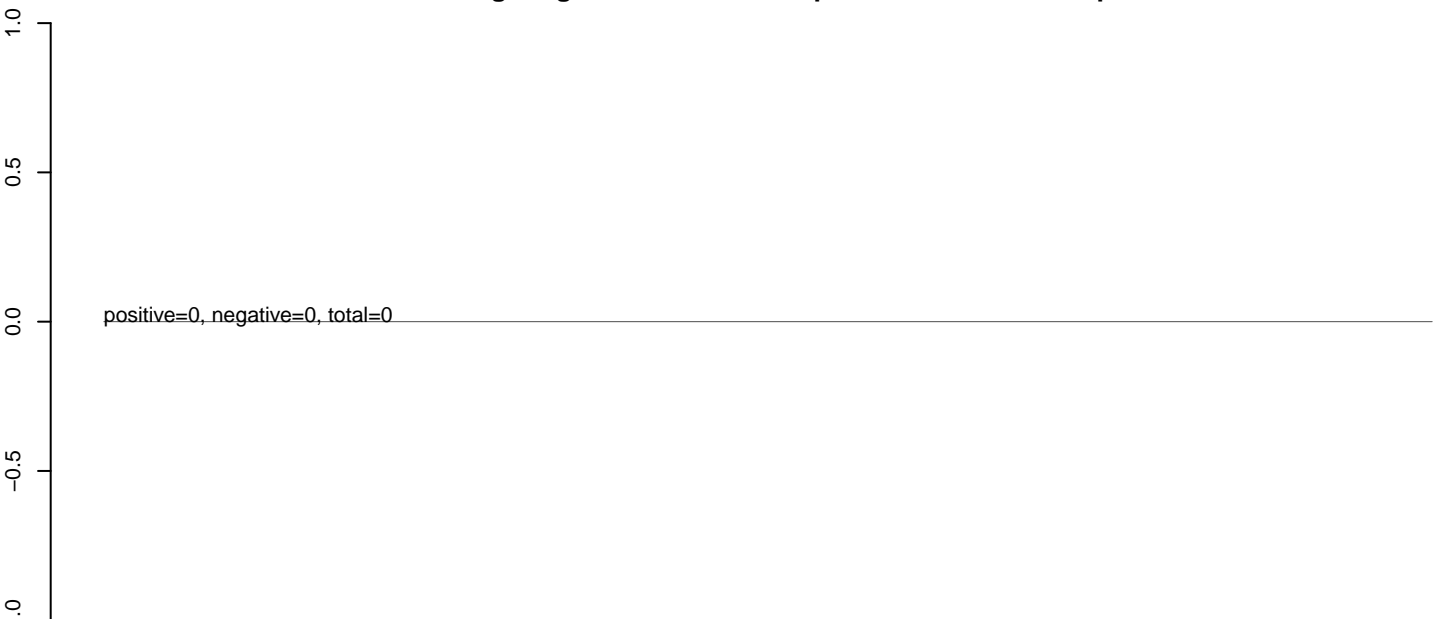
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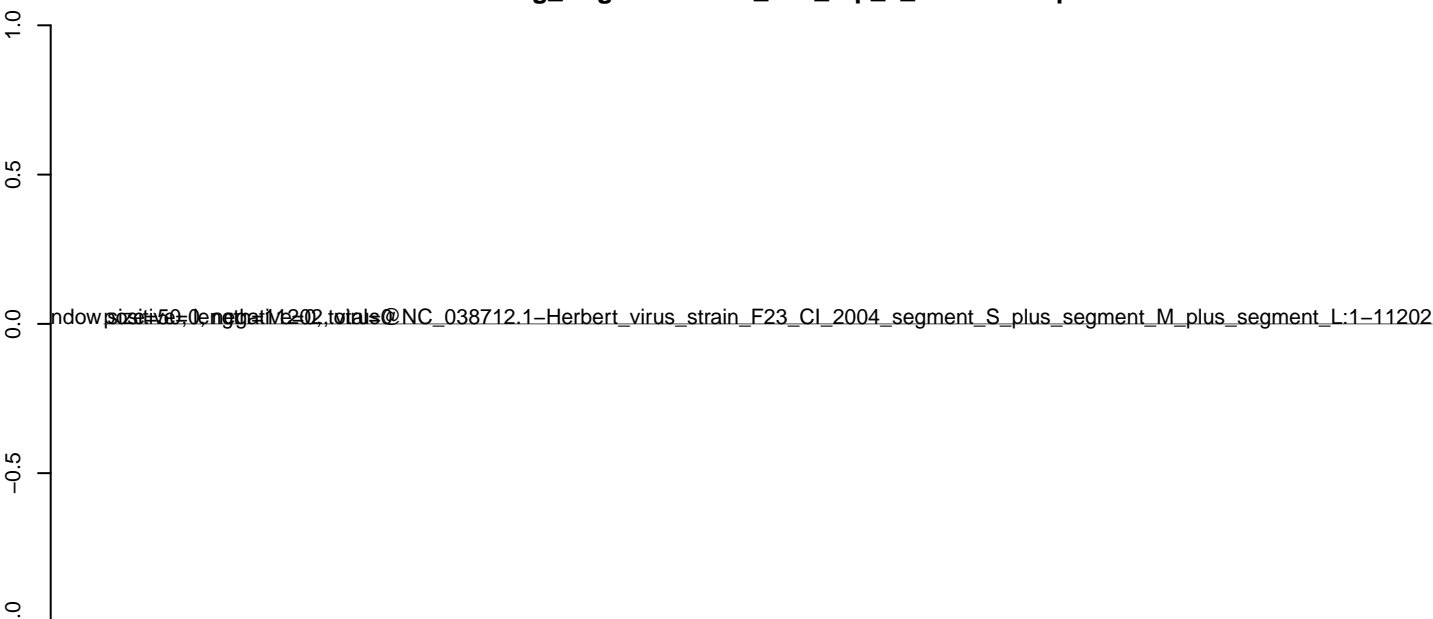
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

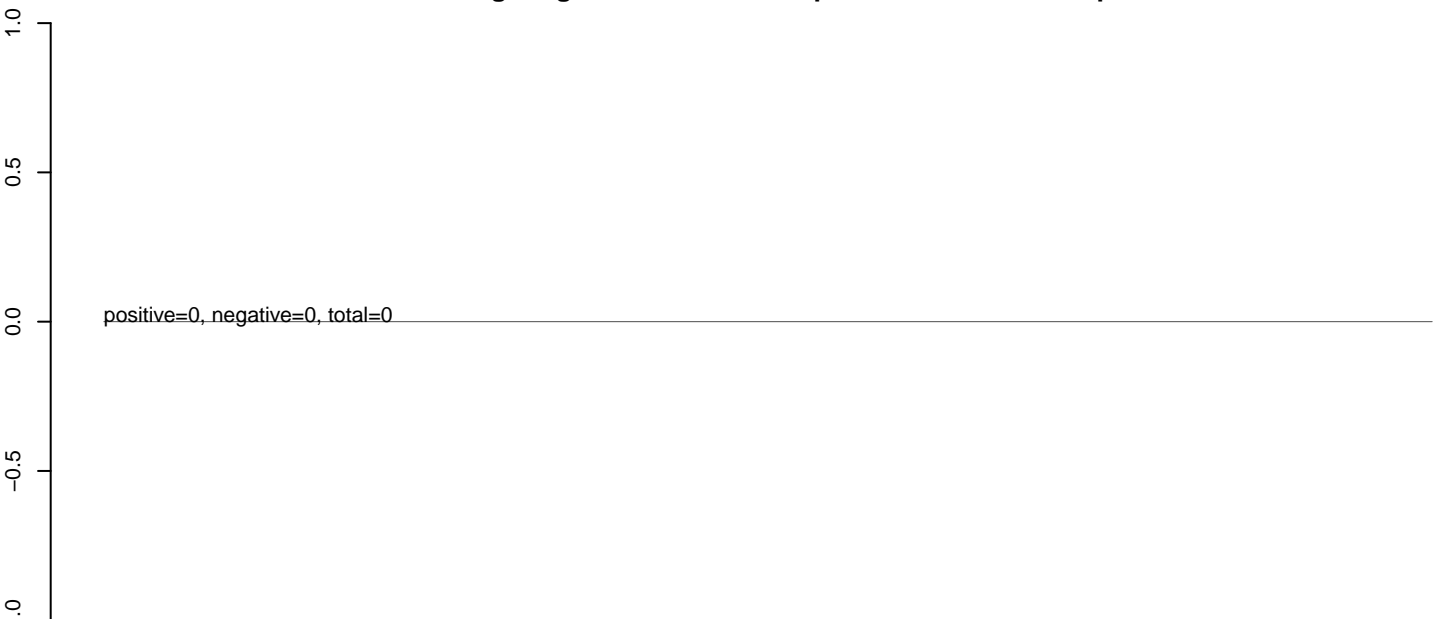


downloaded from <https://www.ncbi.nlm.nih.gov/trace/11202> on 2024-01-12 10:02:00. NC\_038712.1-Herbert\_virus\_strain\_F23\_CI\_2004\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-11202

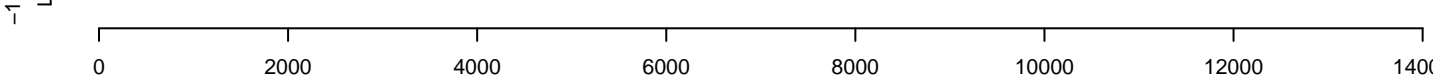
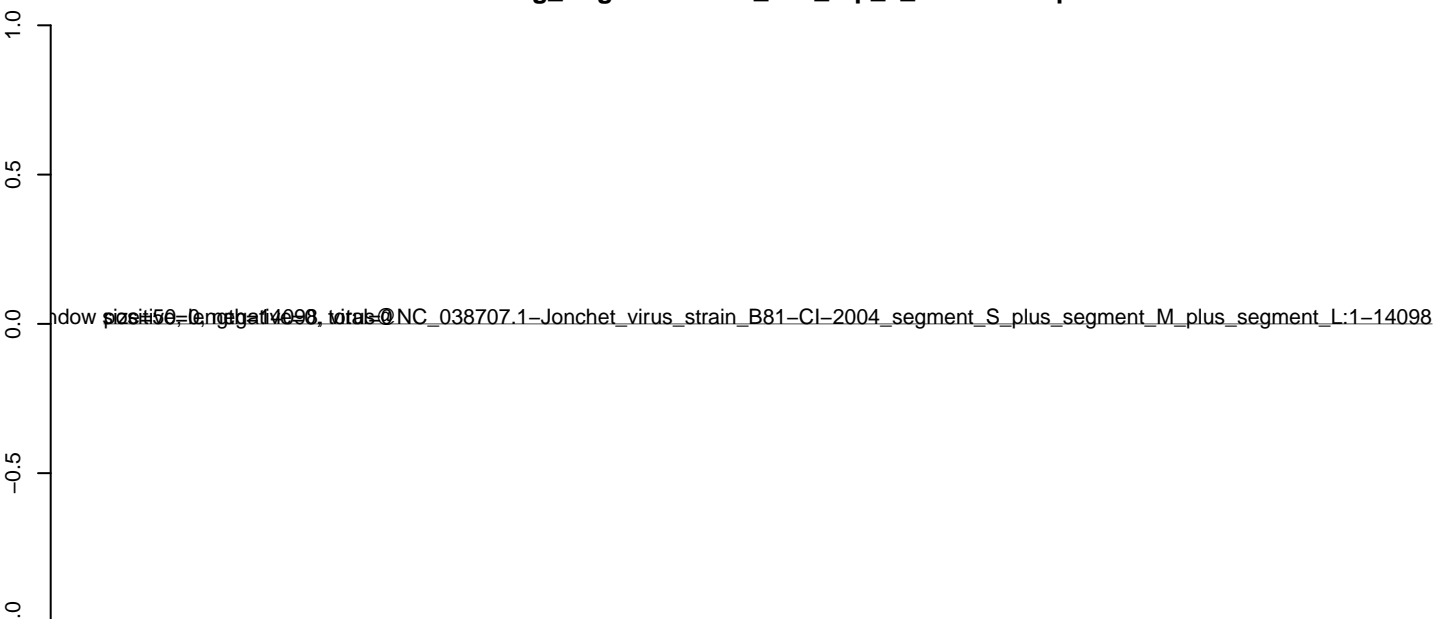
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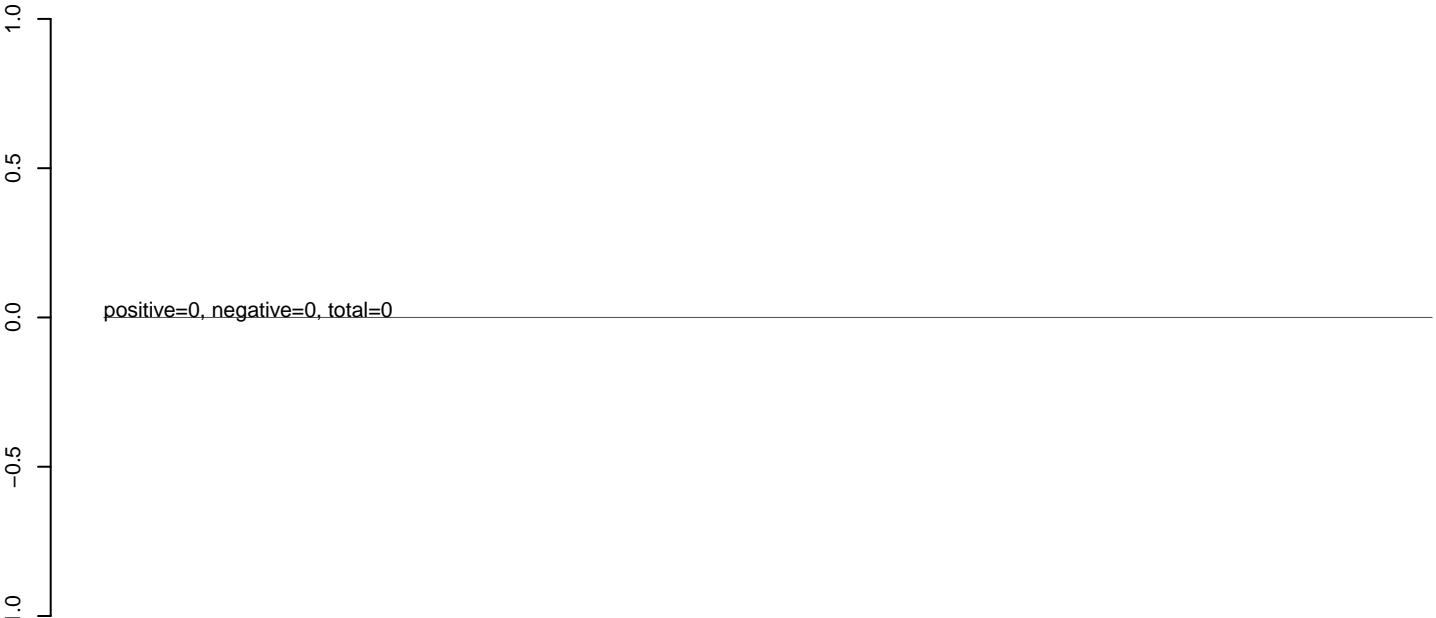
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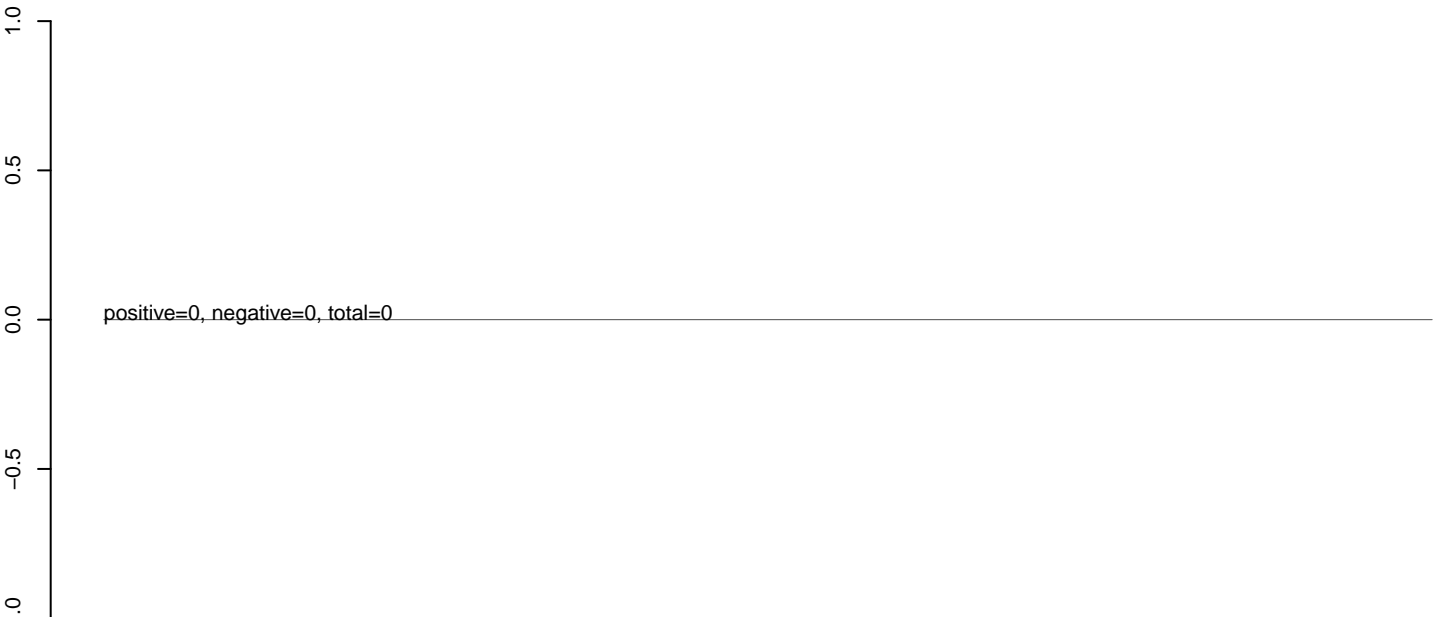
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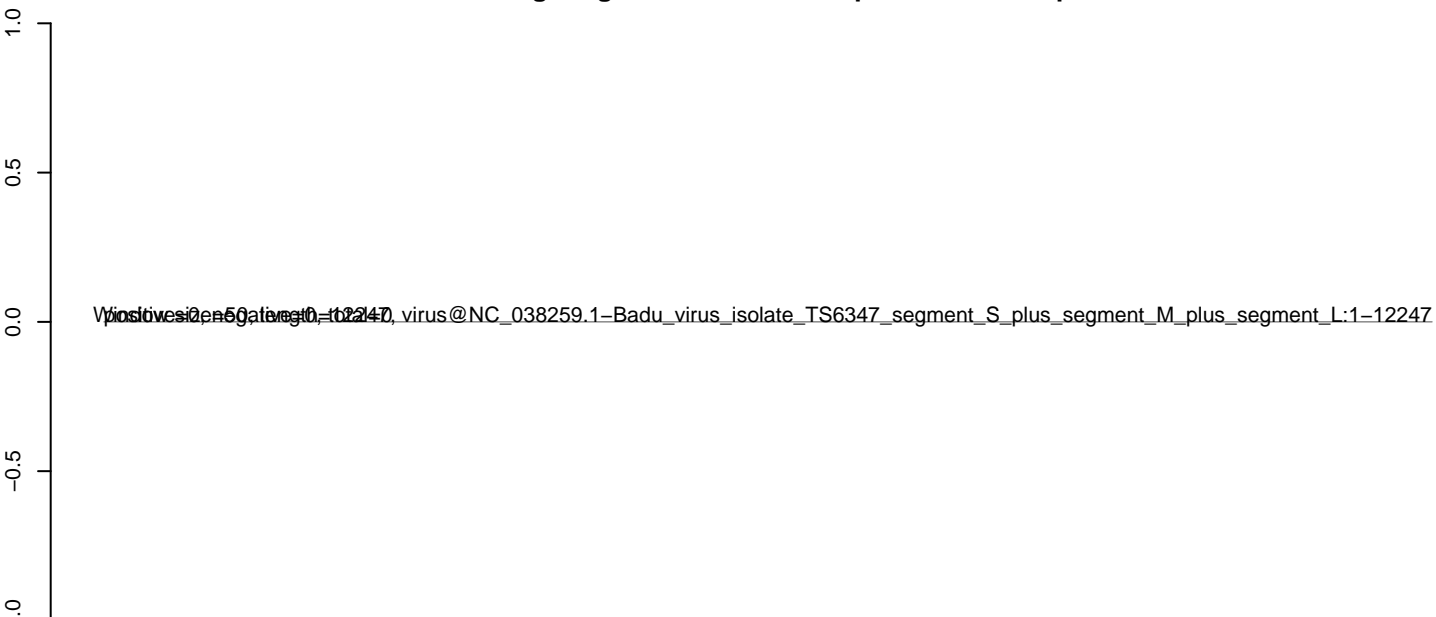
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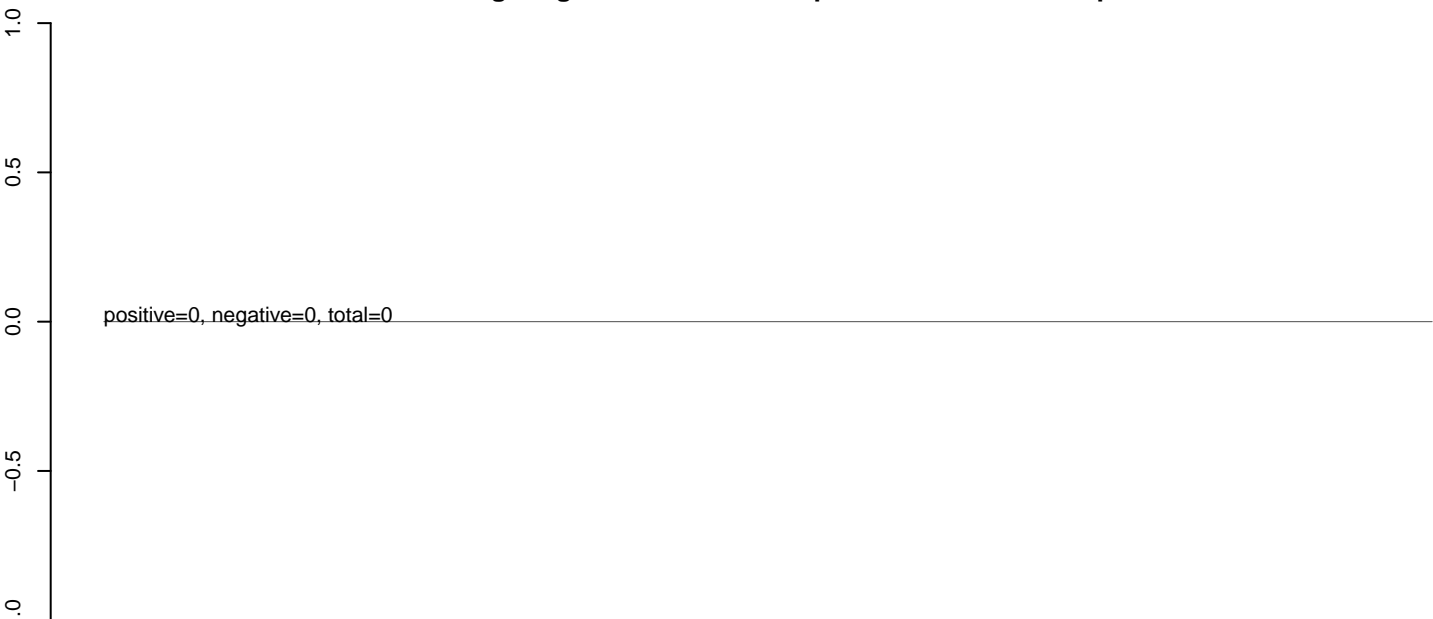
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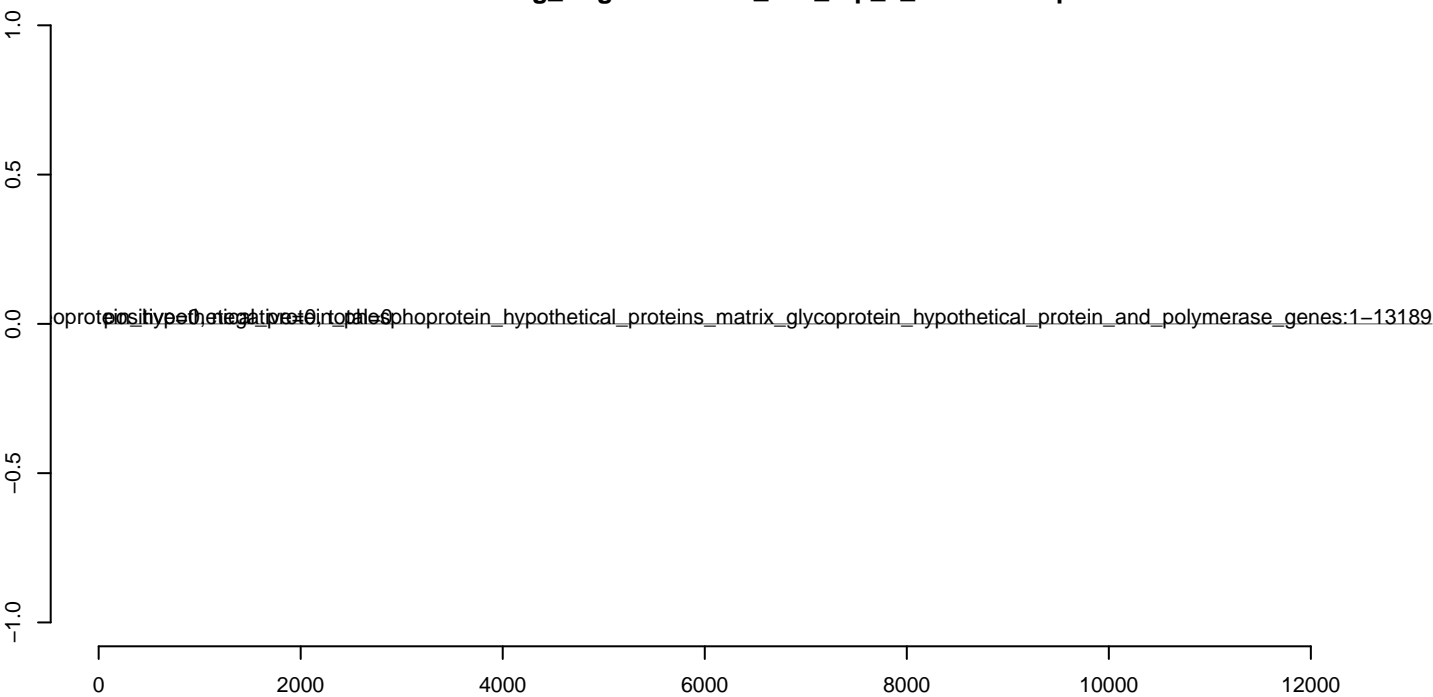
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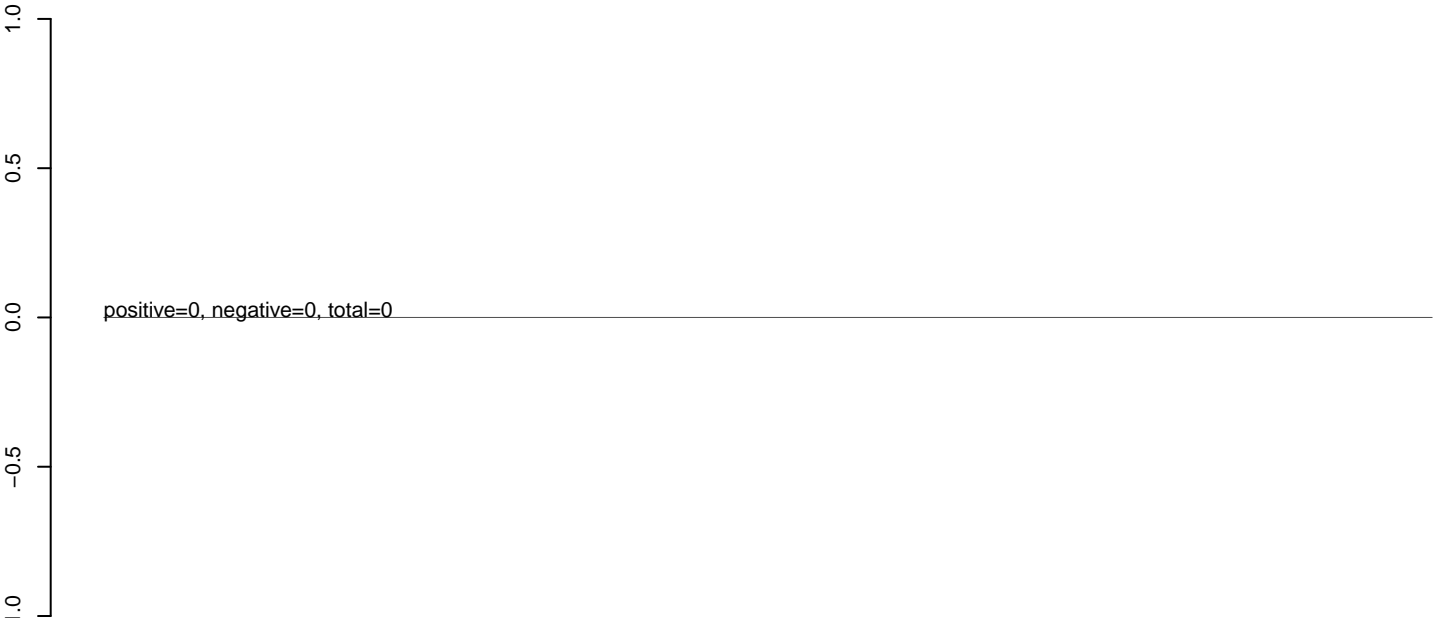
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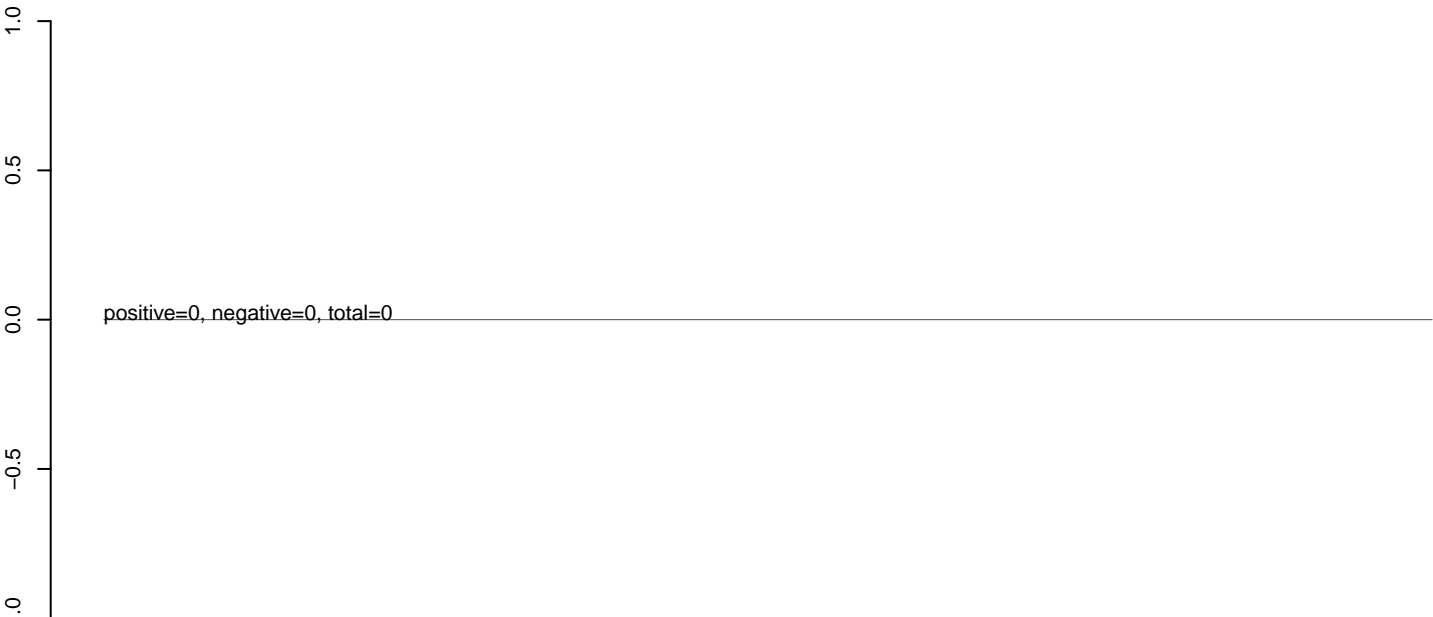
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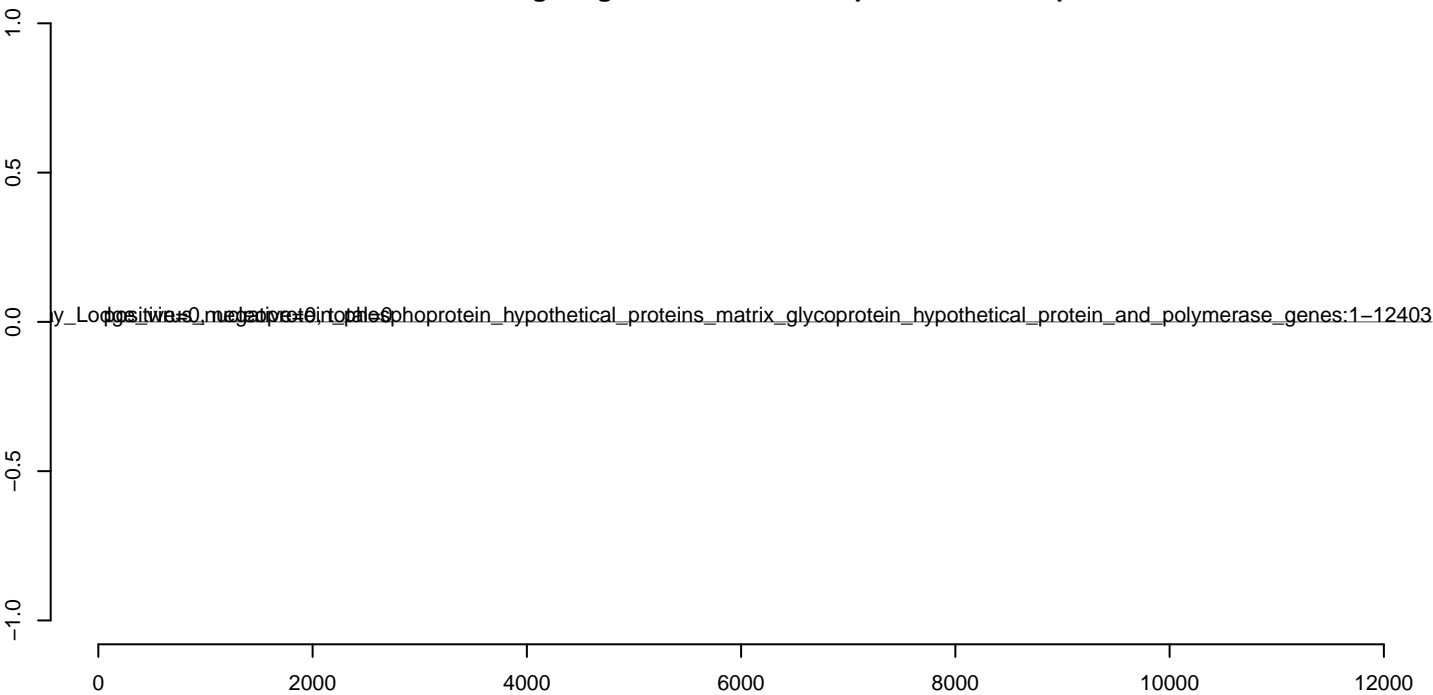
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

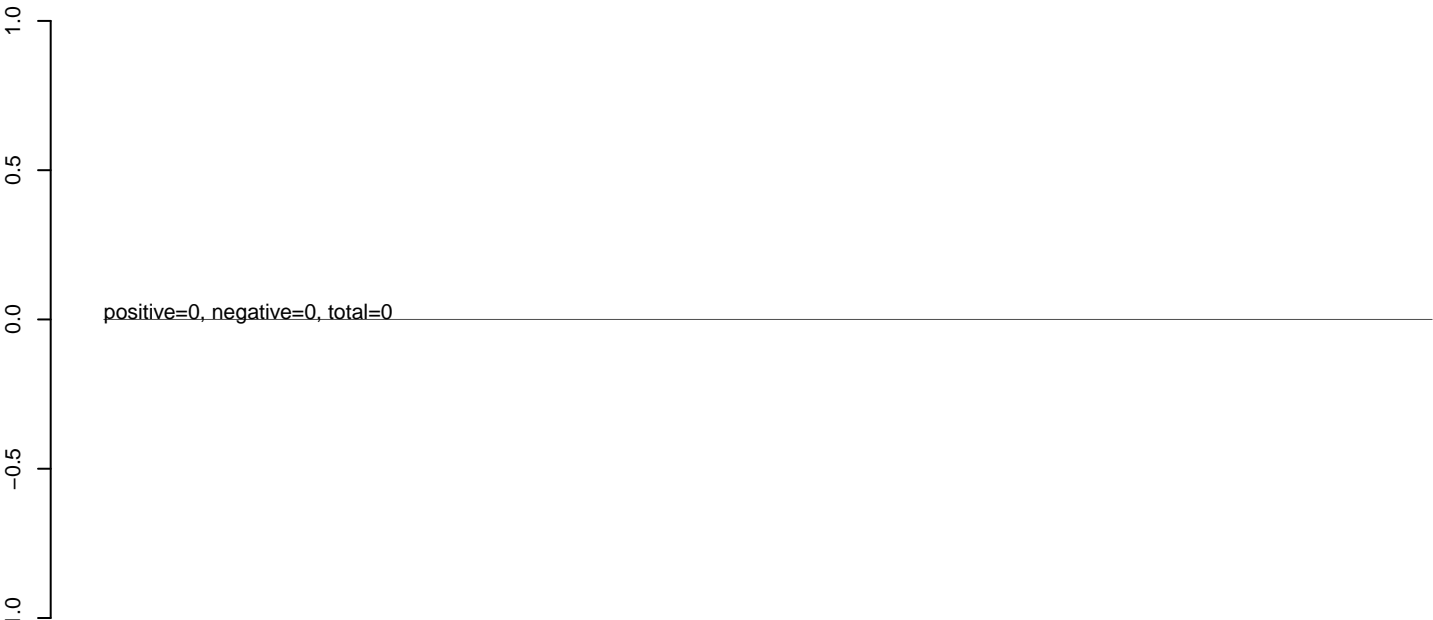


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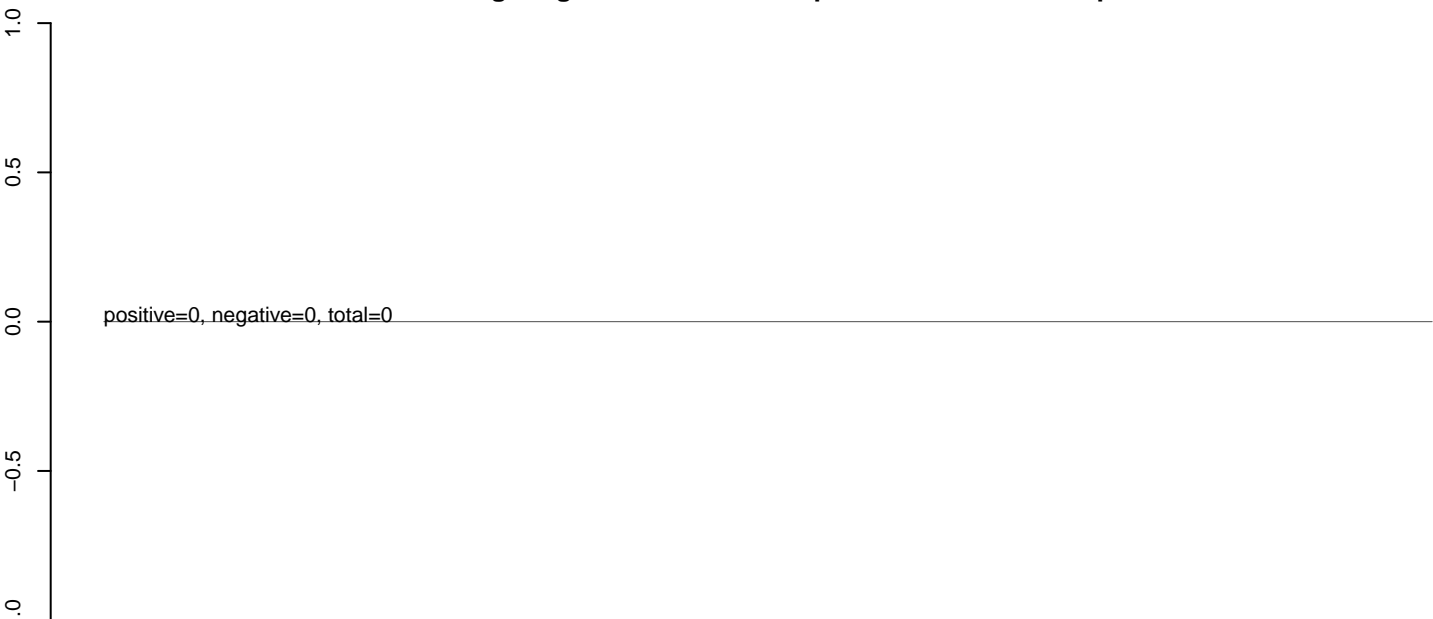




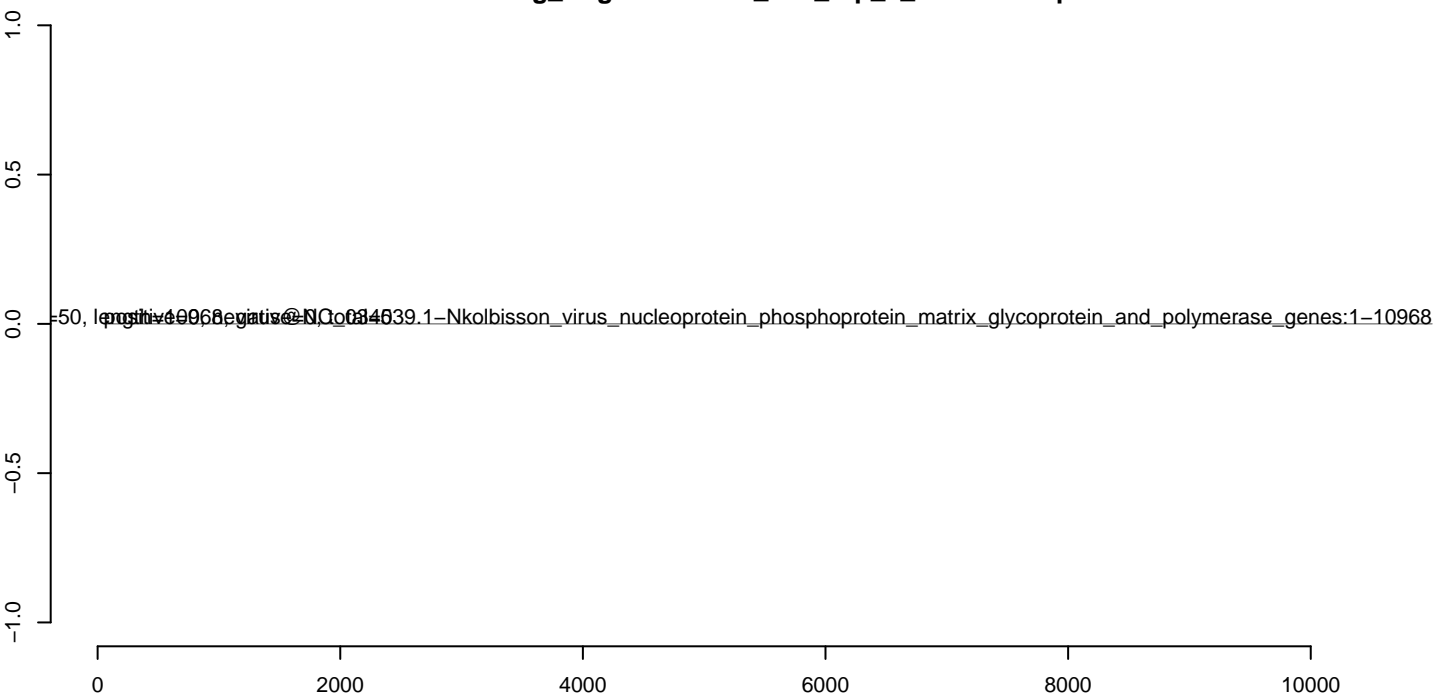
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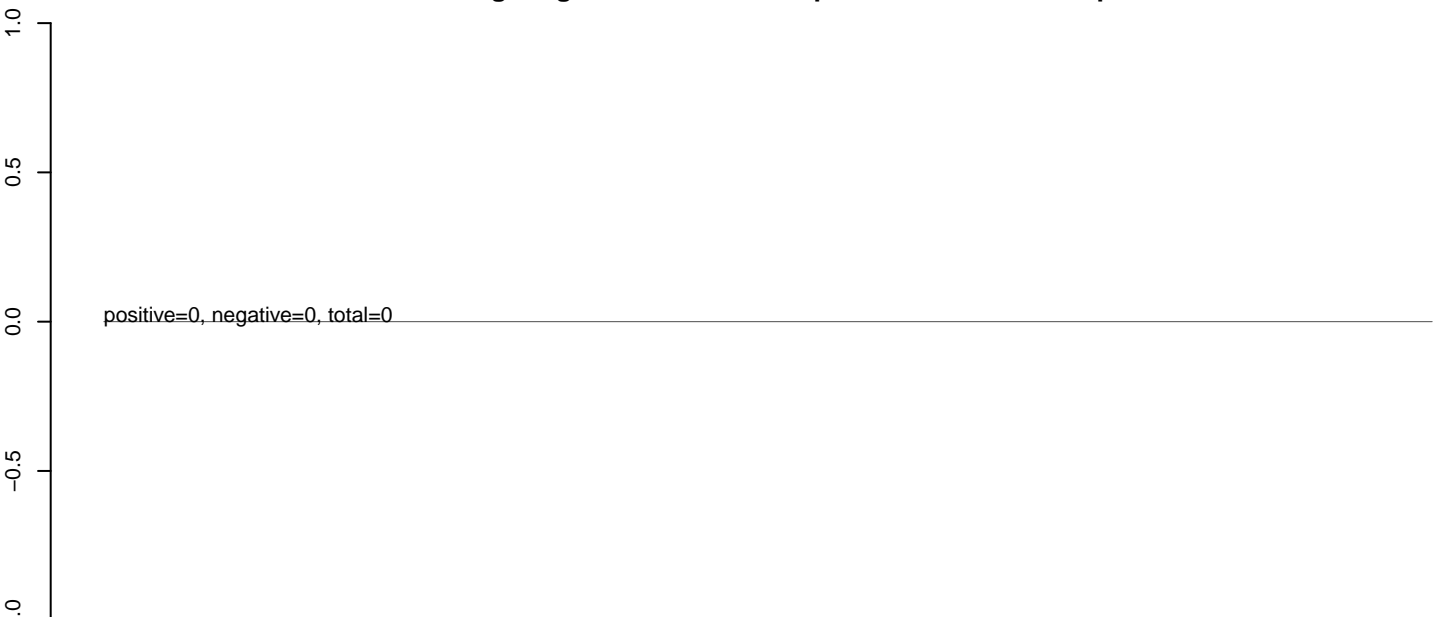
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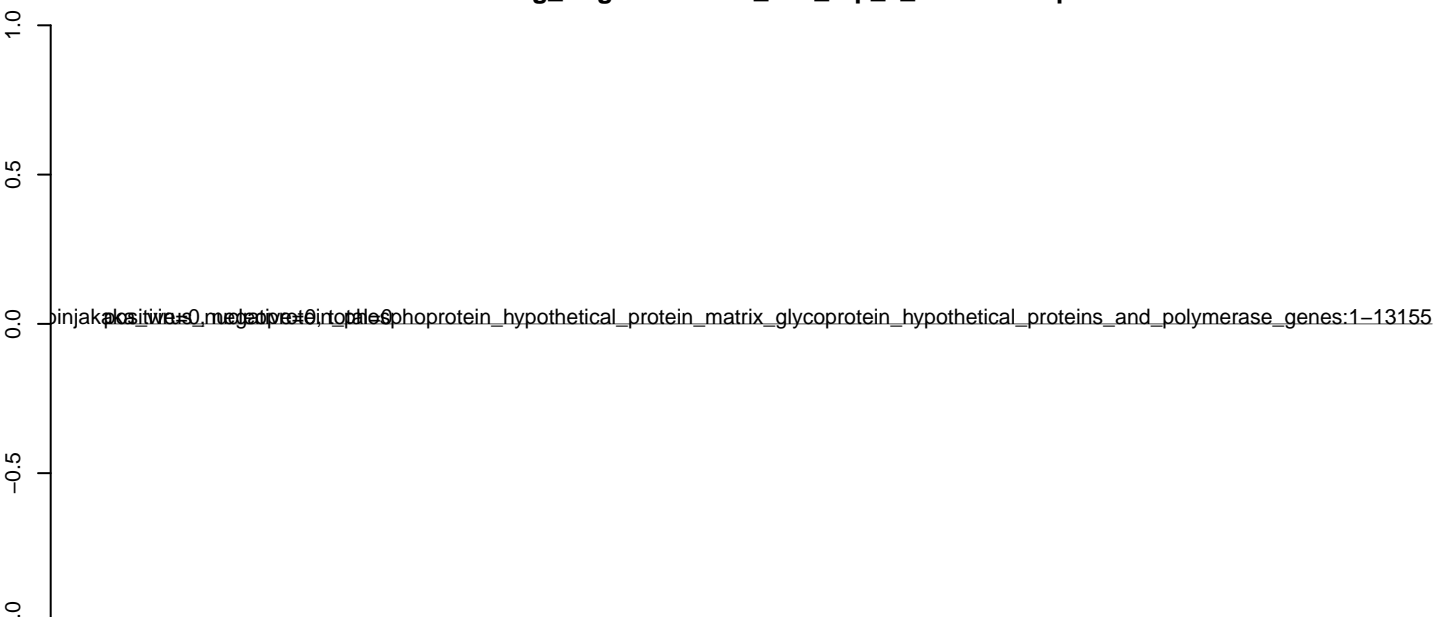
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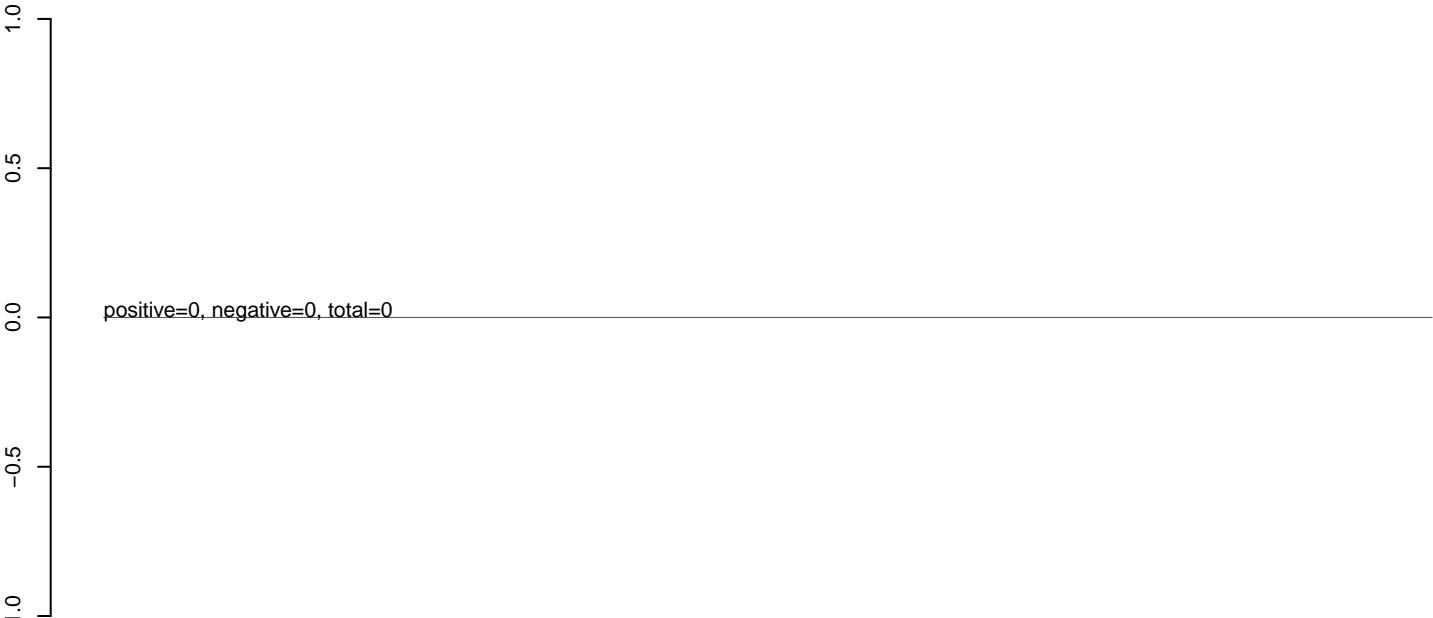


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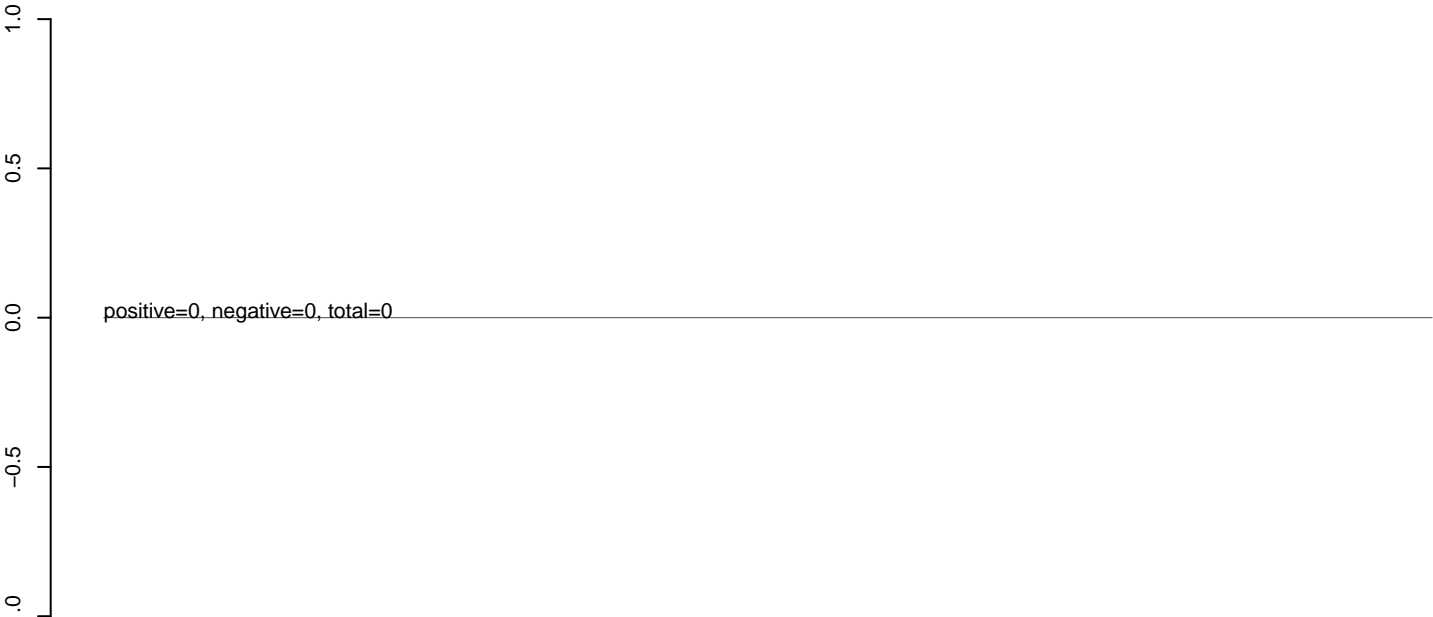


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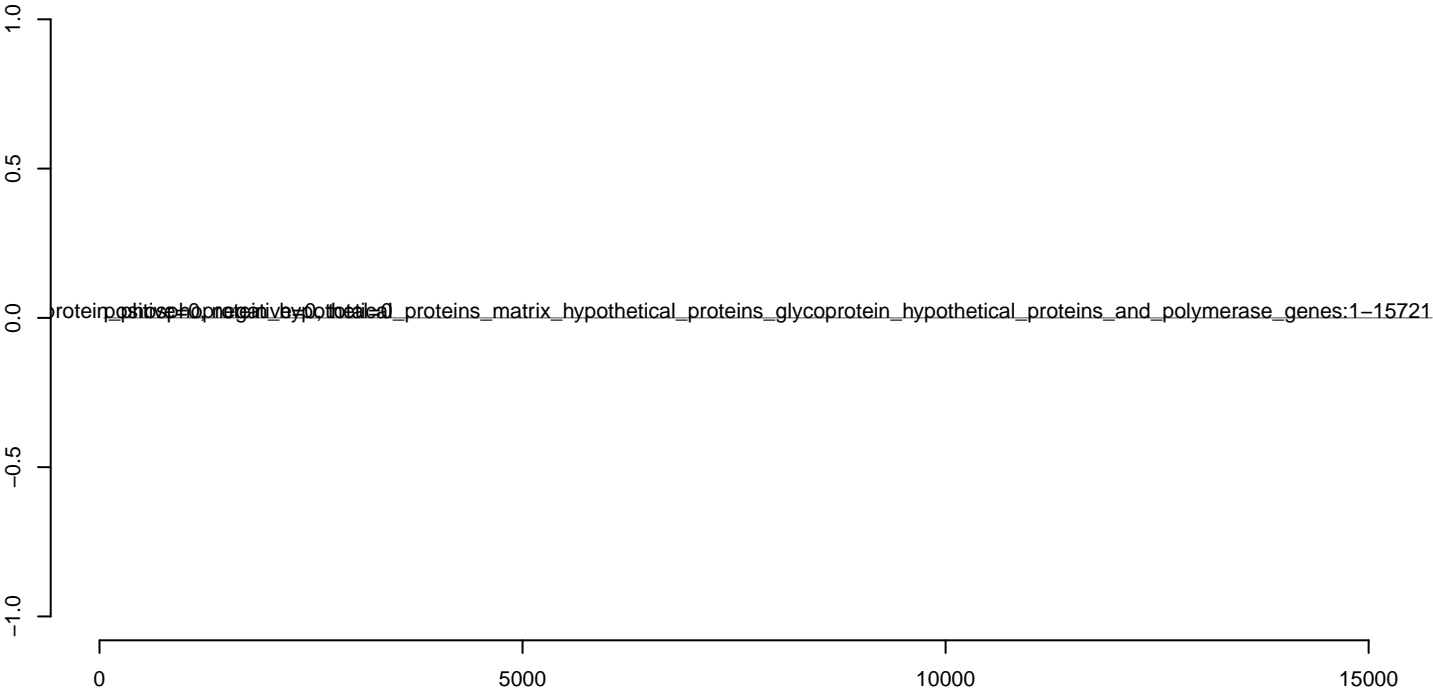
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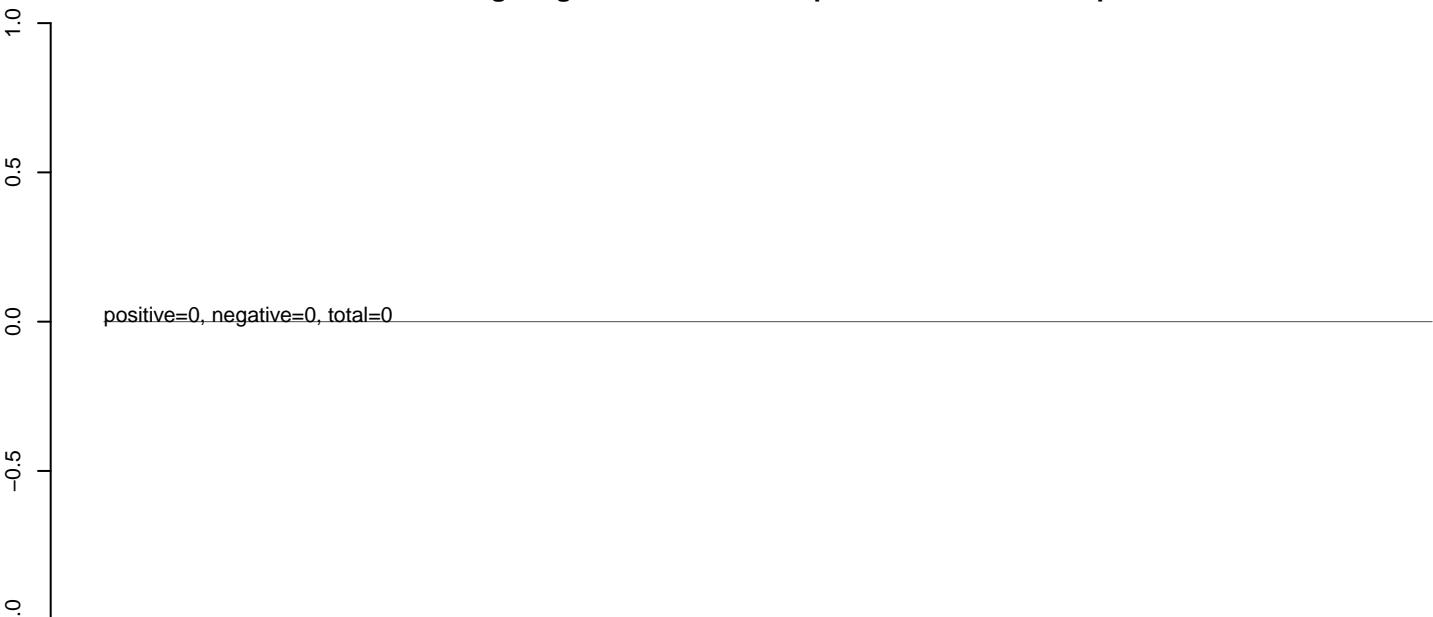
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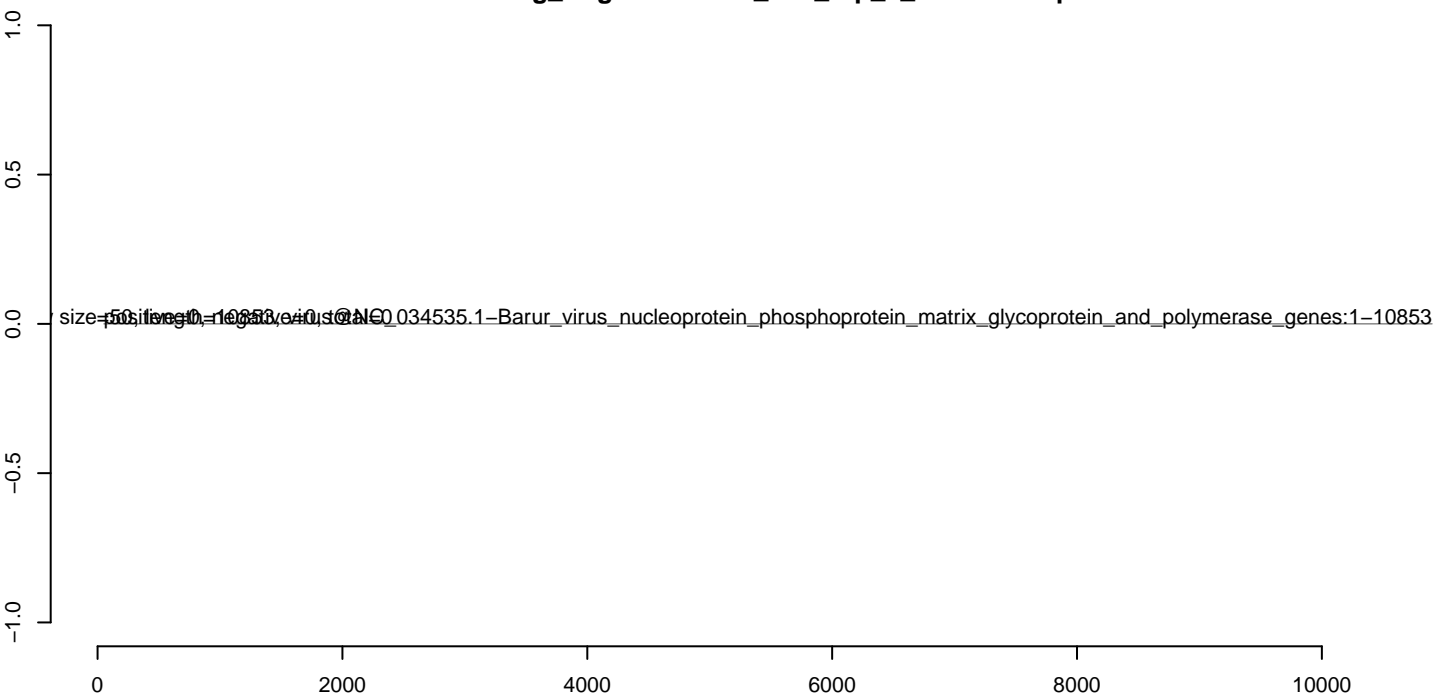
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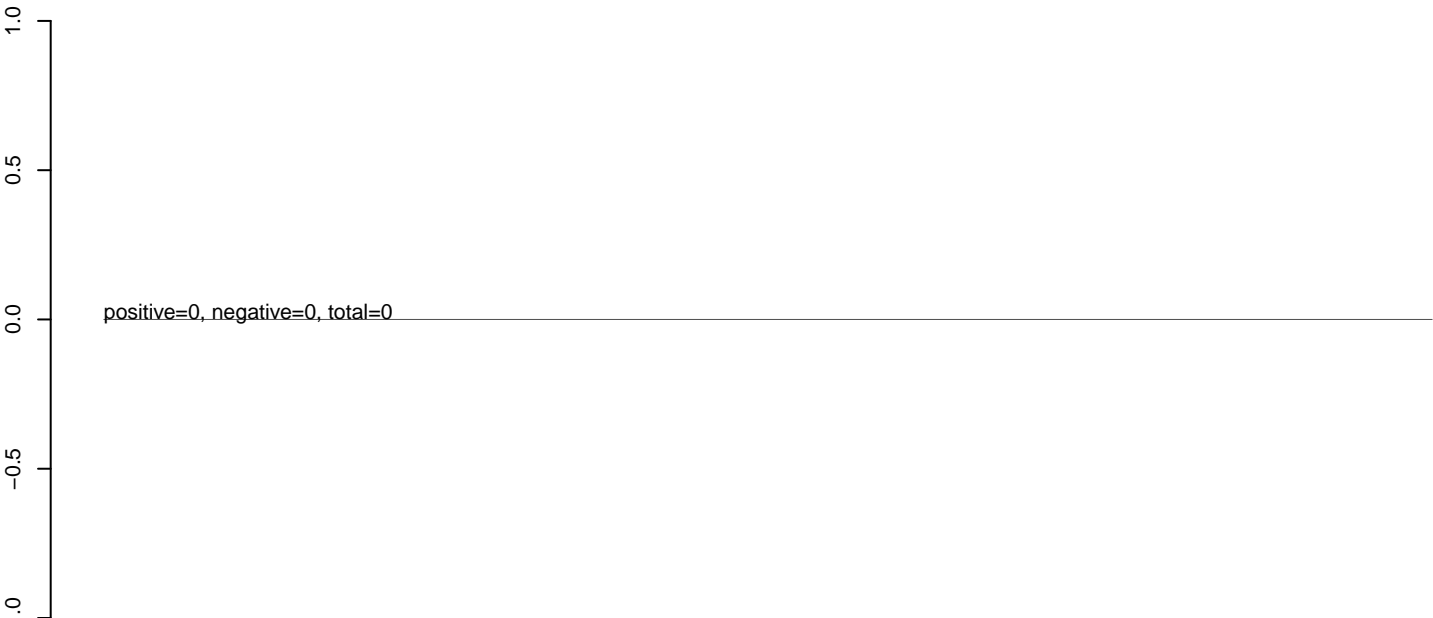
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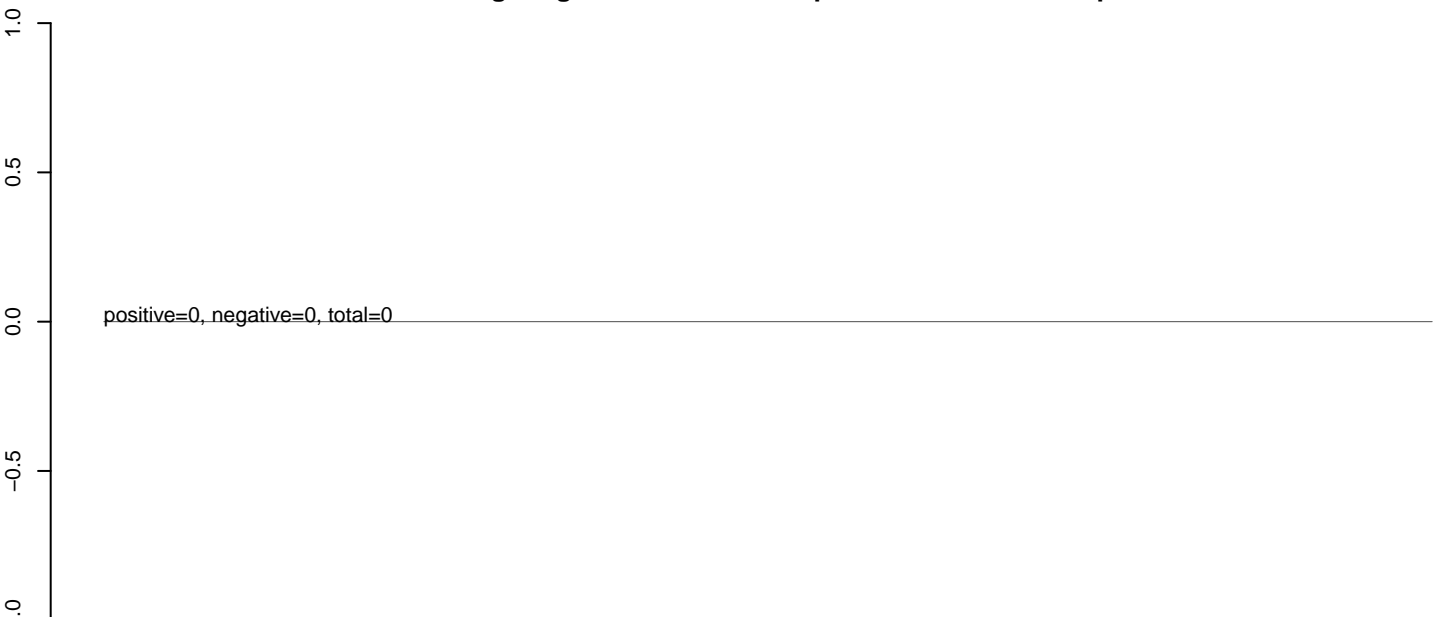
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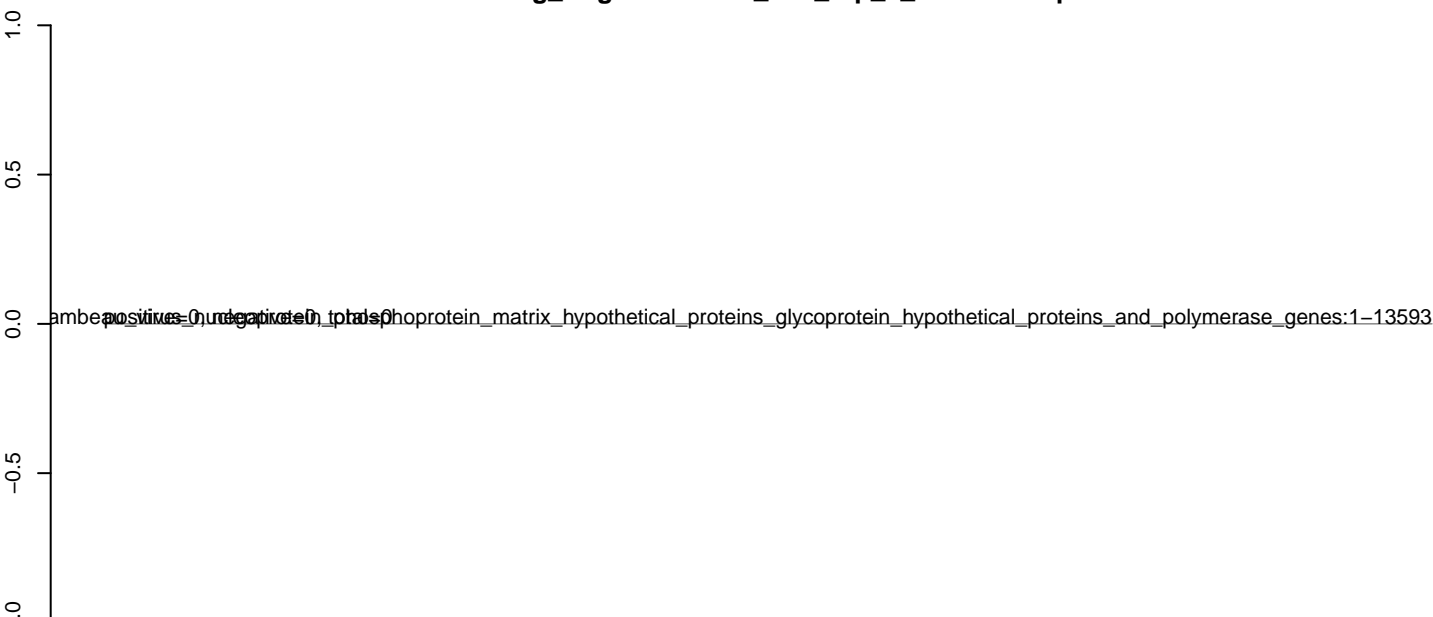
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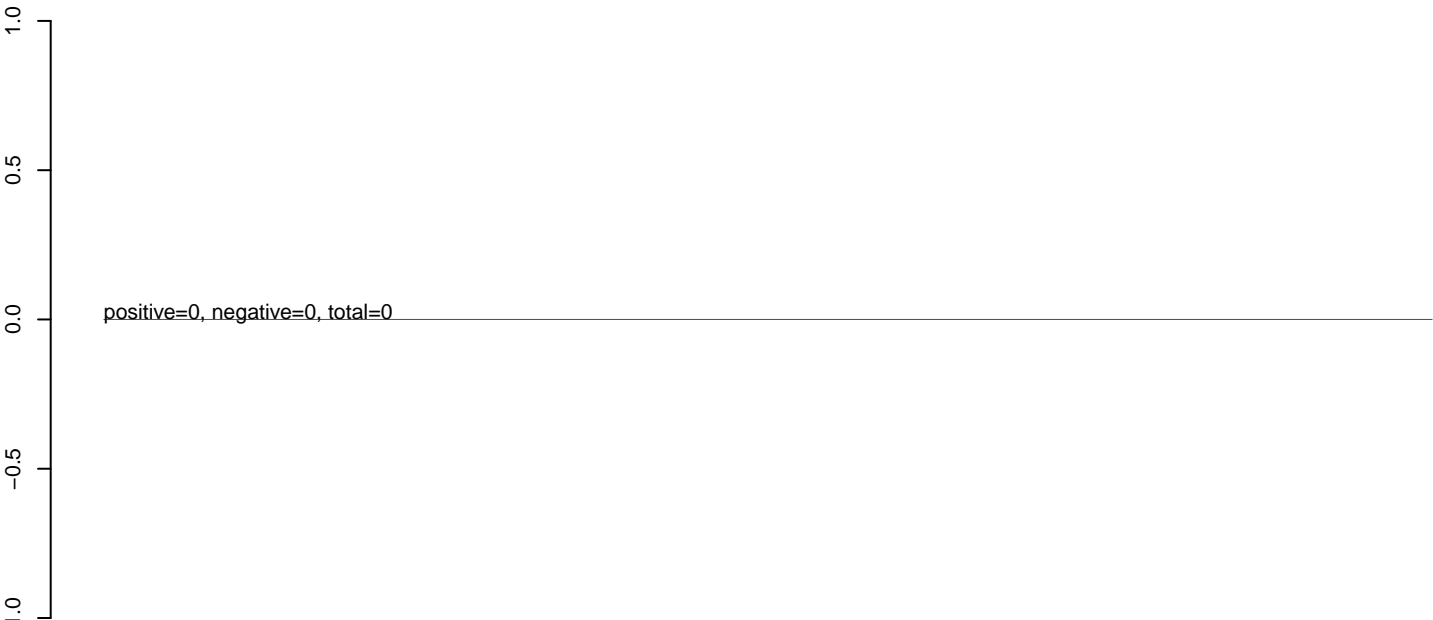


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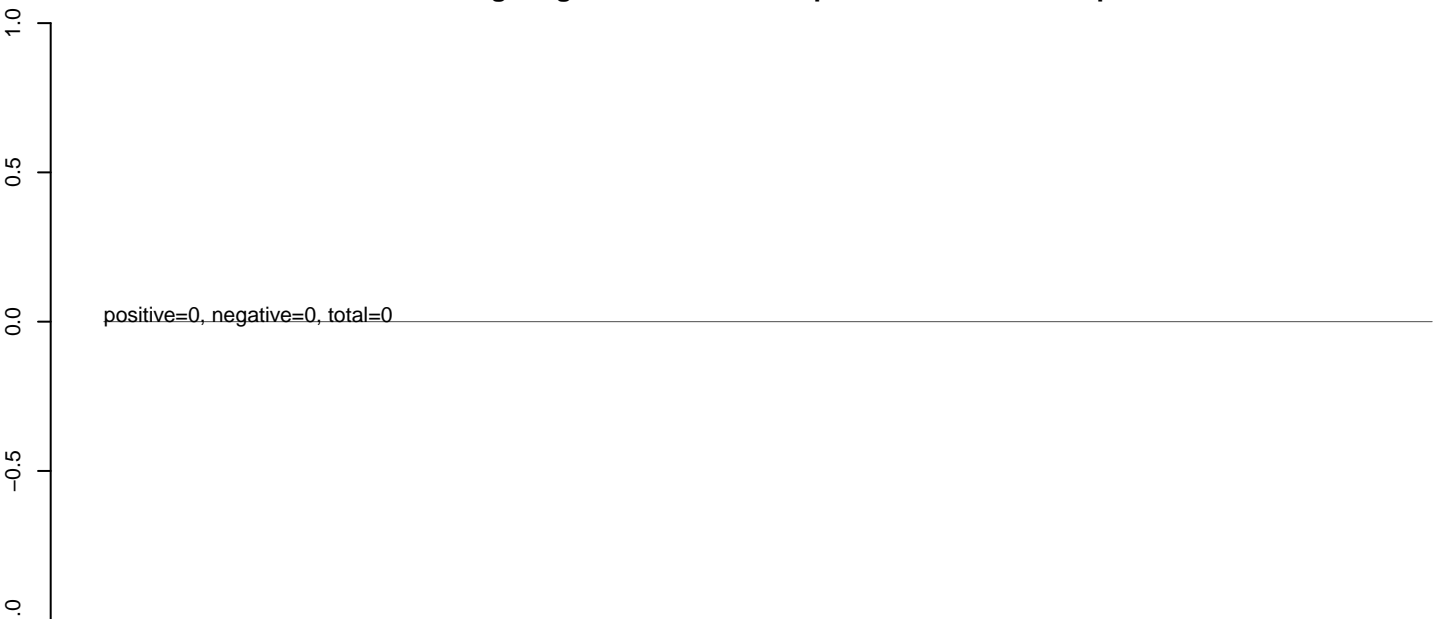


ambee positive=0, negative=0, total=0 phosphoprotein\_matrix\_hypothetical\_proteins\_glycoprotein\_hypothetical\_proteins\_and\_polymerase\_genes:1-13593

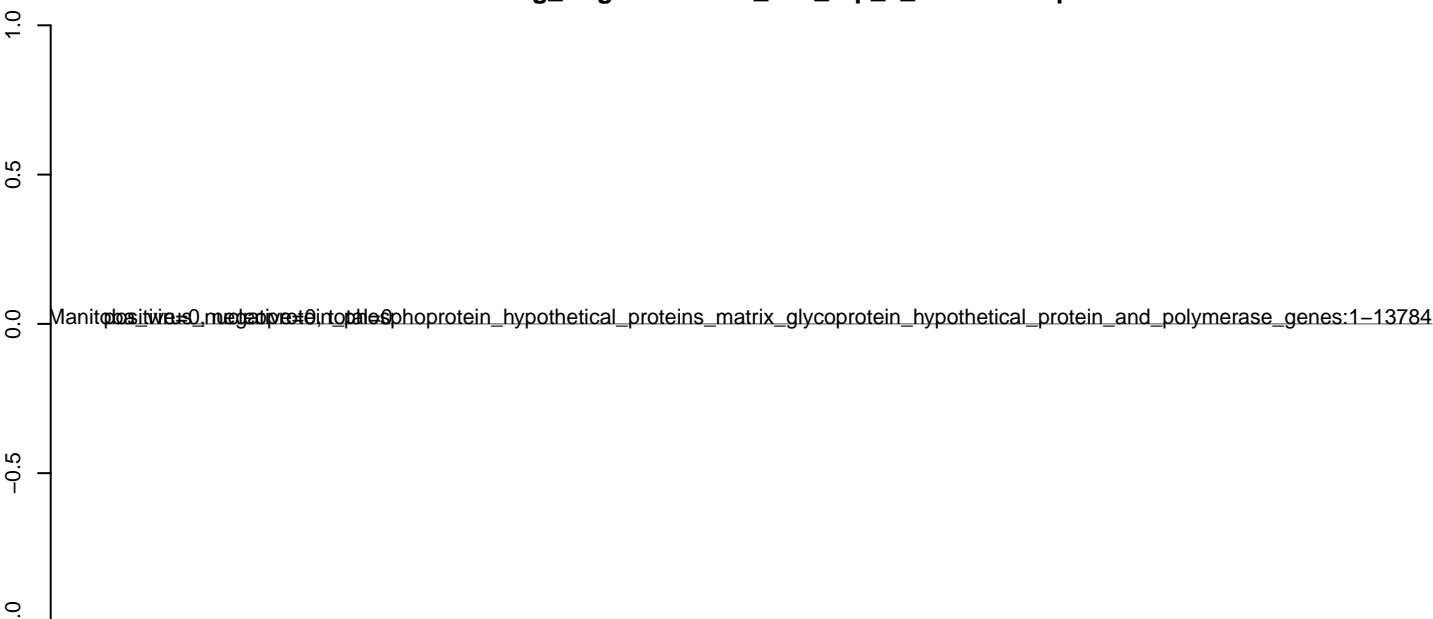
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



Manitoba positive=0, negative=0, total=0 phosphoprotein\_hypothetical\_proteins\_matrix\_glycoprotein\_hypothetical\_protein\_and\_polymerase\_genes:1-13784

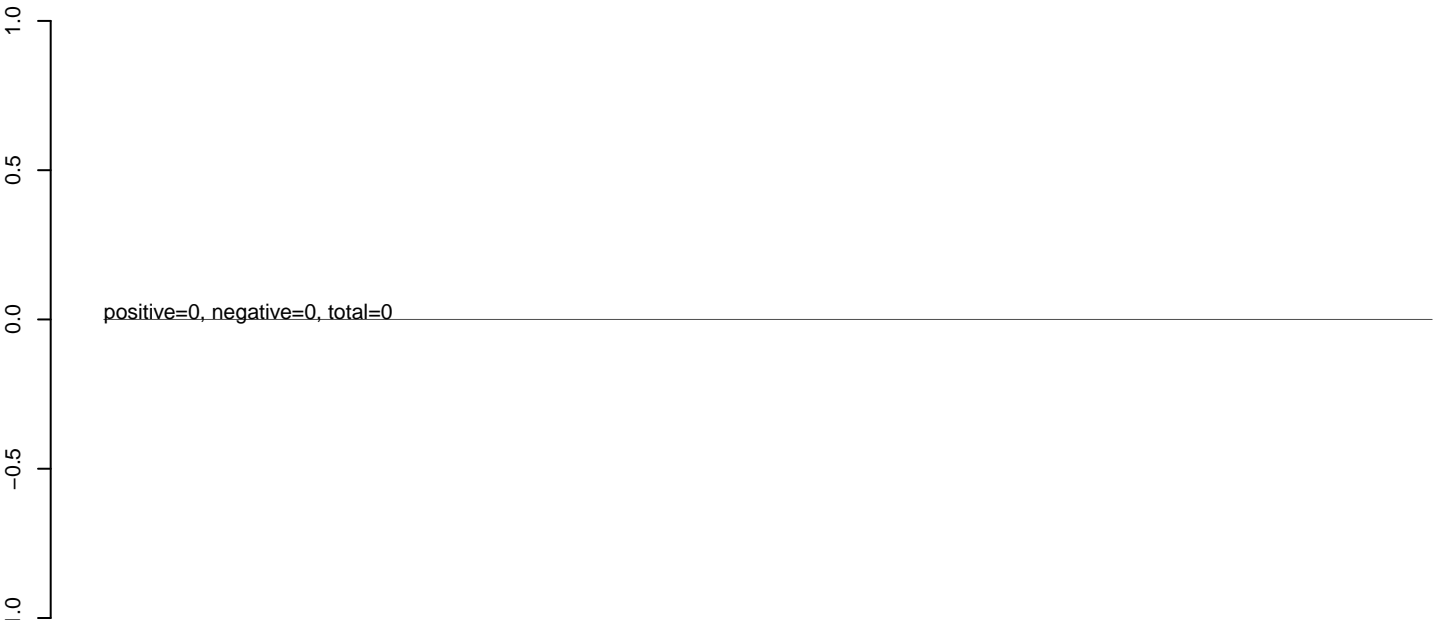
A plot showing a horizontal line at y=0.0, labeled "positive=0, negative=0, total=0". The y-axis ranges from -1.0 to 1.0 with major ticks at -1.0, -0.5, 0.0, 0.5, and 1.0. The x-axis is unlabeled but represents a range of values from approximately -1.5 to 1.5.

A plot showing a horizontal line at  $y=0$ . The y-axis is labeled from -1.0 to 1.0. The x-axis is labeled from 0.0 to 1.0. The text "positive=0, negative=0, total=0" is displayed near the origin.

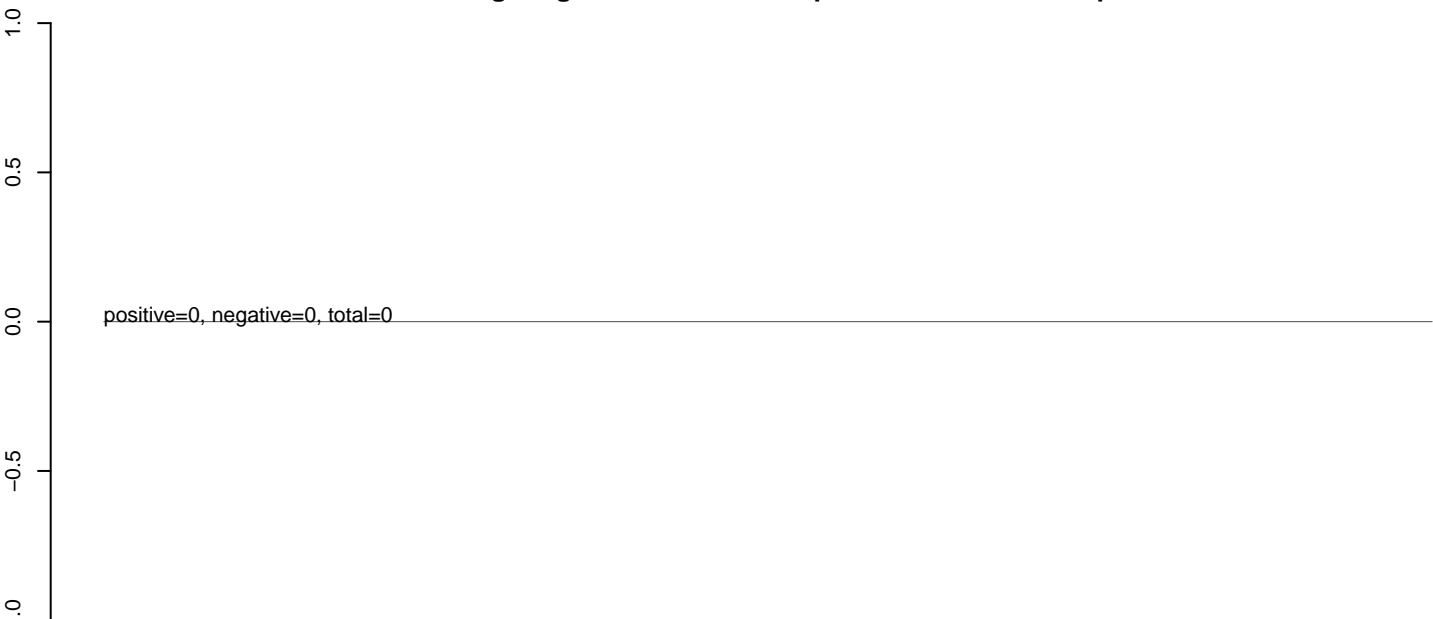
[illegible]

A horizontal number line with tick marks at 0, 2000, 4000, 6000, 8000, 10000, and 12000.

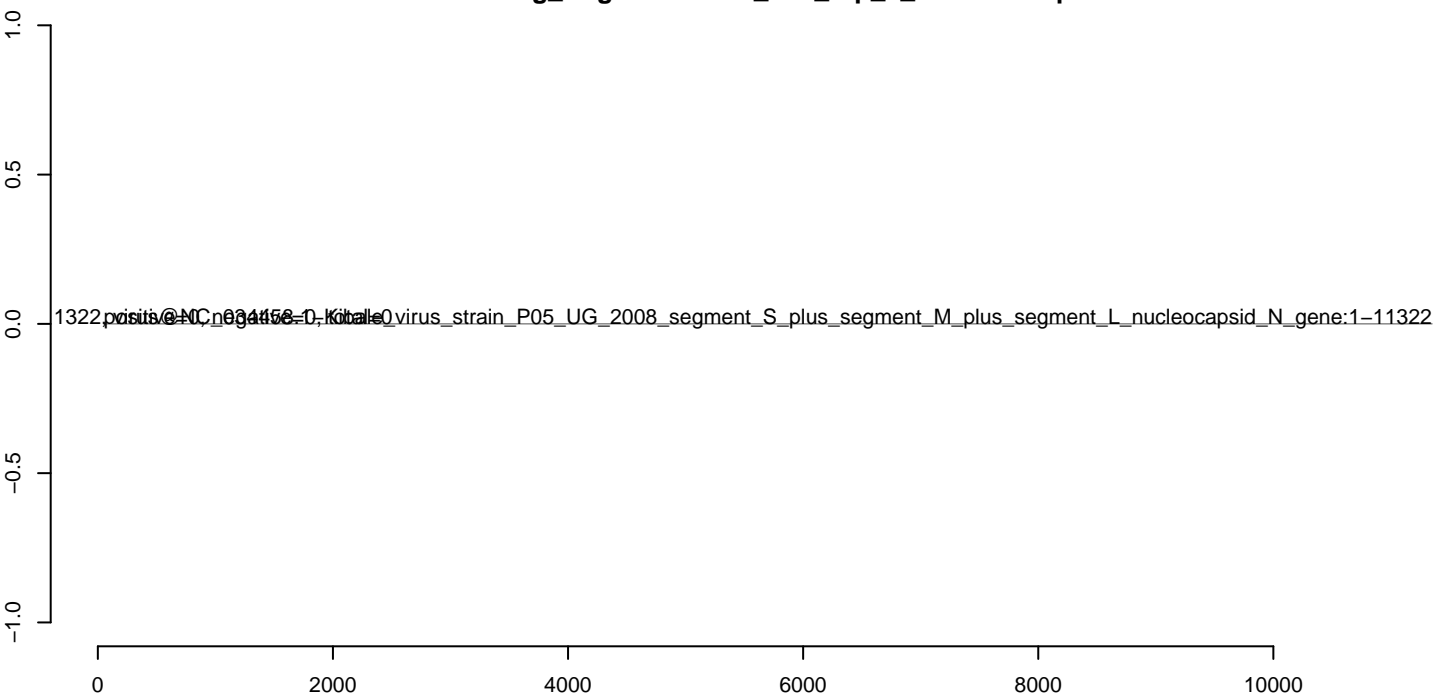
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

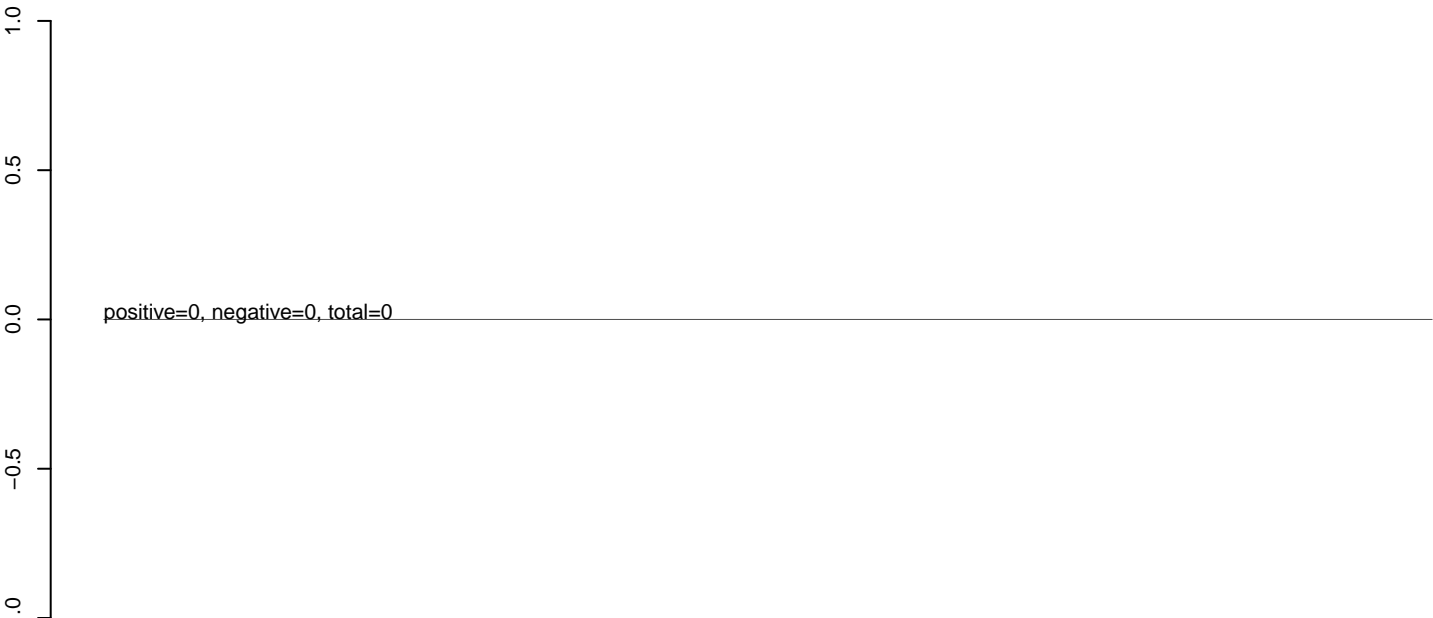


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

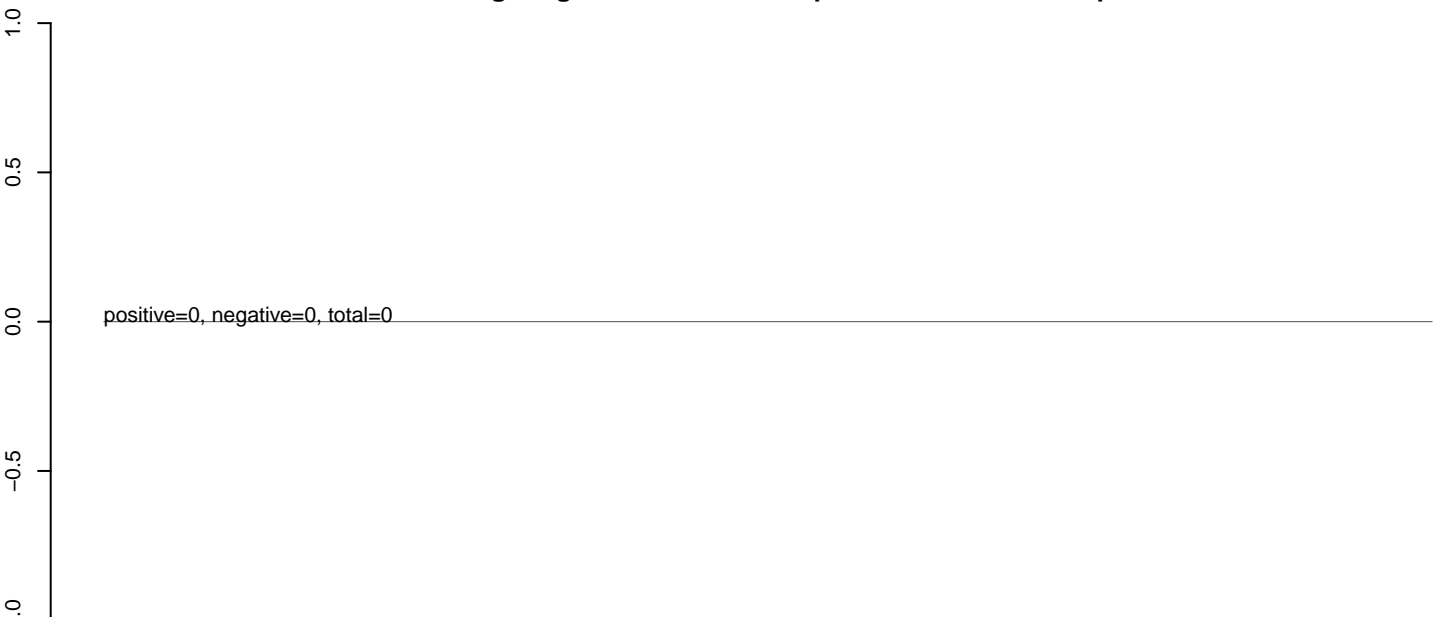




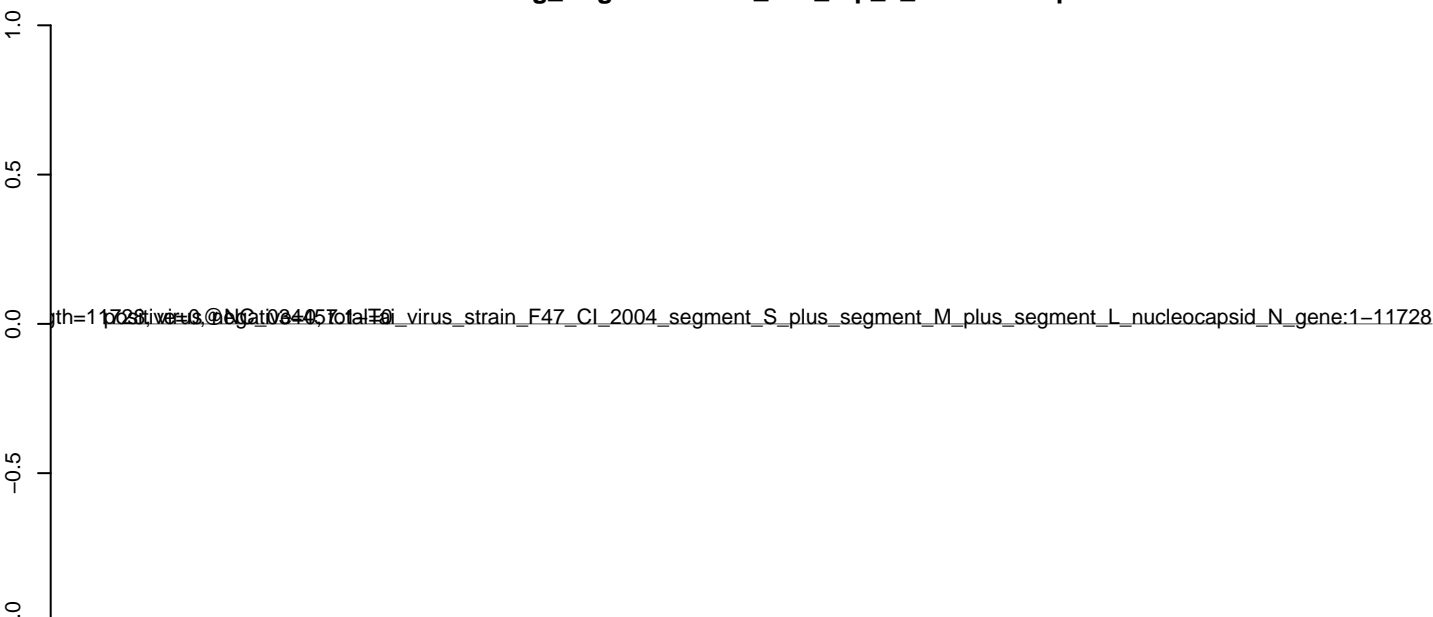
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



0 2000 4000 6000 8000 10000 12000

A plot showing a horizontal line at y=0.0, labeled "positive=0, negative=0, total=0". The y-axis ranges from -1.0 to 1.0 with major ticks at -1.0, -0.5, 0.0, 0.5, and 1.0. The x-axis is unlabeled but represents a range of values from approximately -1.5 to 1.5.

A plot showing a horizontal line at y=0.0, labeled "positive=0, negative=0, total=0". The y-axis ranges from -1.0 to 1.0 with major ticks at -1.0, -0.5, 0.0, 0.5, and 1.0. The x-axis is unlabeled.

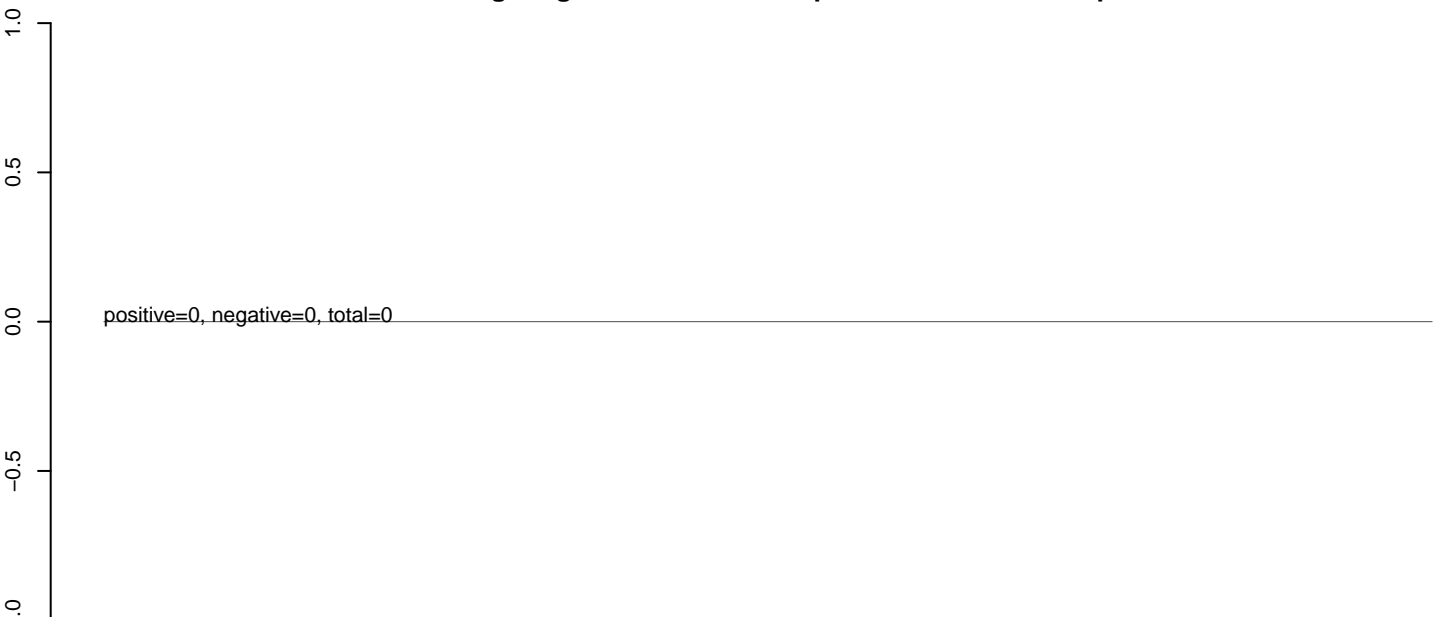
Dataset	Proportion
virus_positives	0.0
HCoV-229E	0.0
HCoV-229E_negatives	0.0
Fukuoka	0.05
HCoV-229E_nucleoprotein_phosphoprotein_matrix_hypothetical_protein_glycoprotein_and_polymerase_genes:1-10863	0.05

A horizontal number line with tick marks at 0, 2000, 4000, 6000, 8000, and 10000.

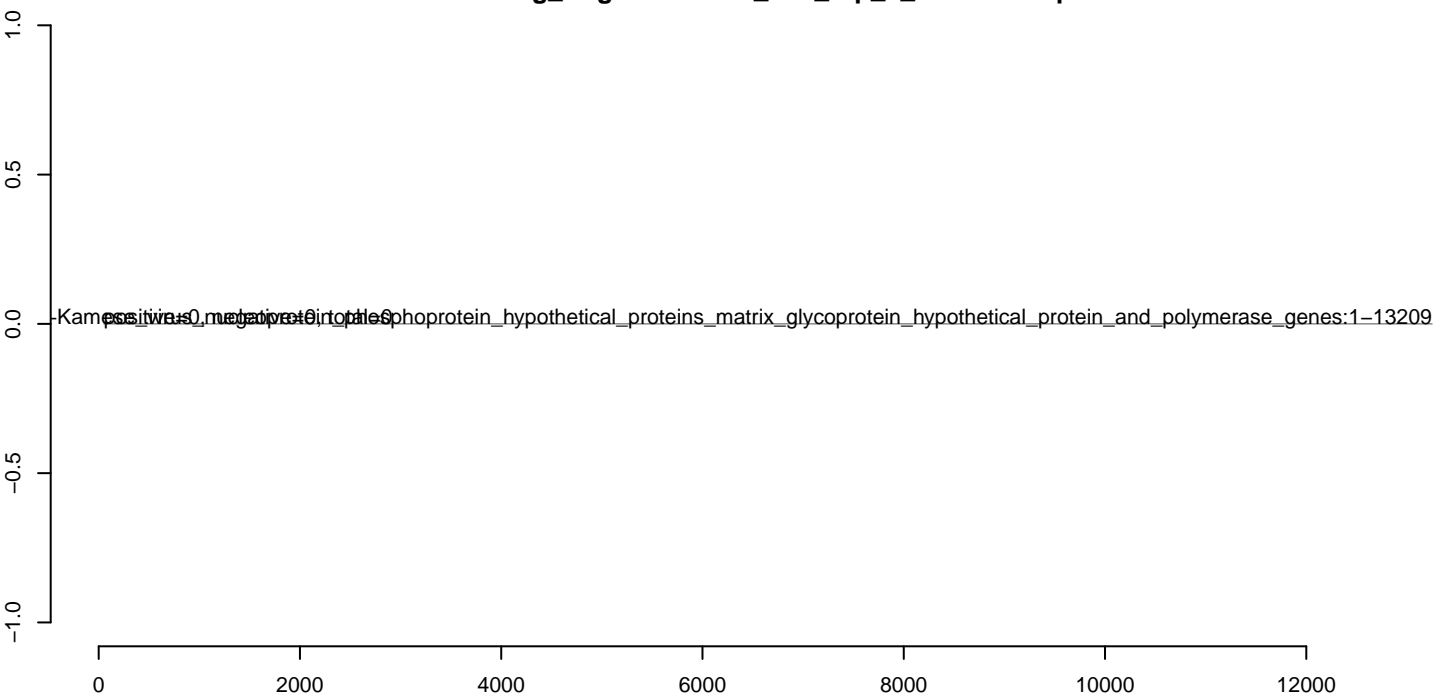
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



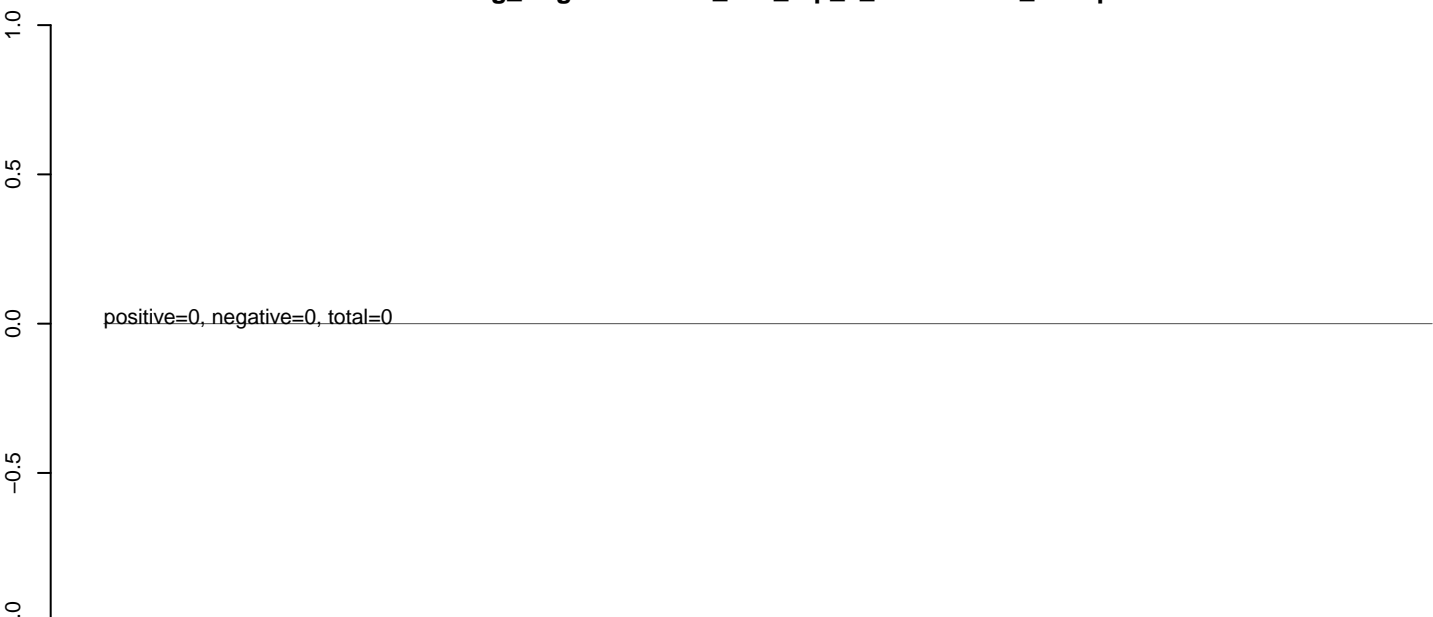
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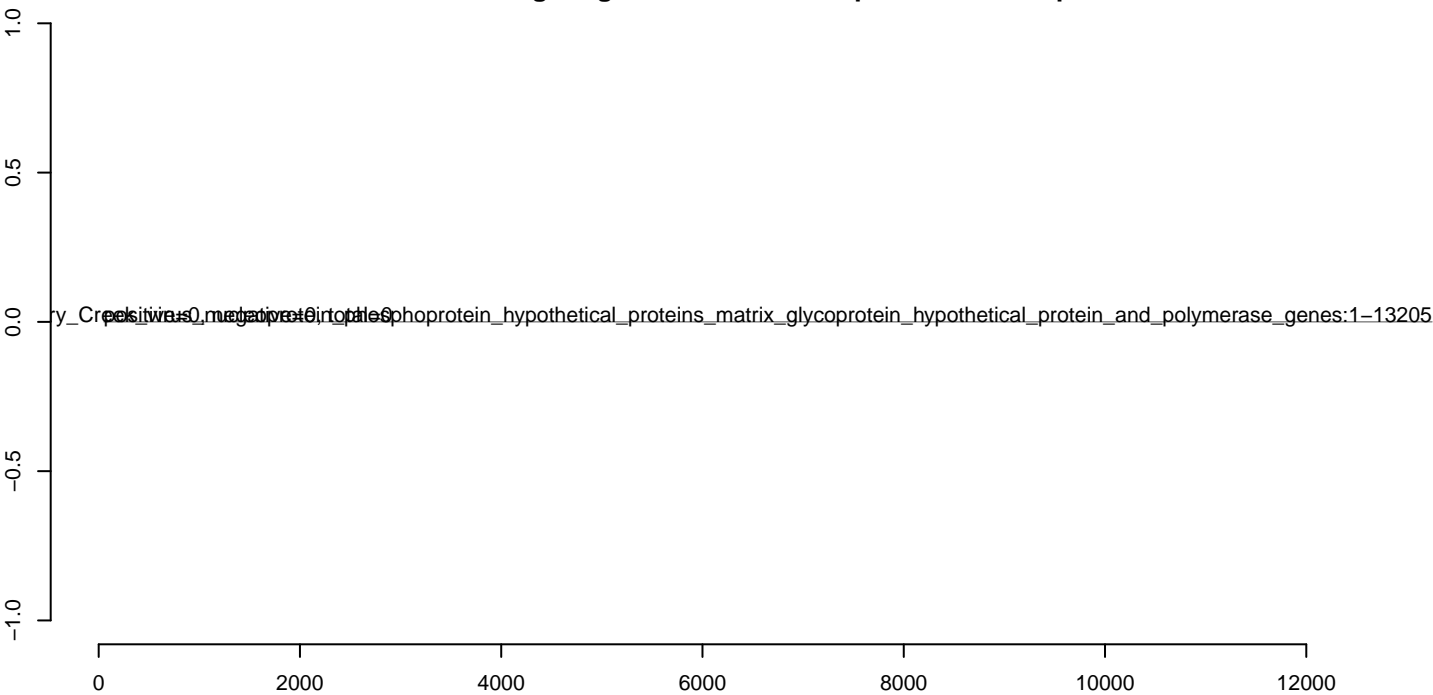
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



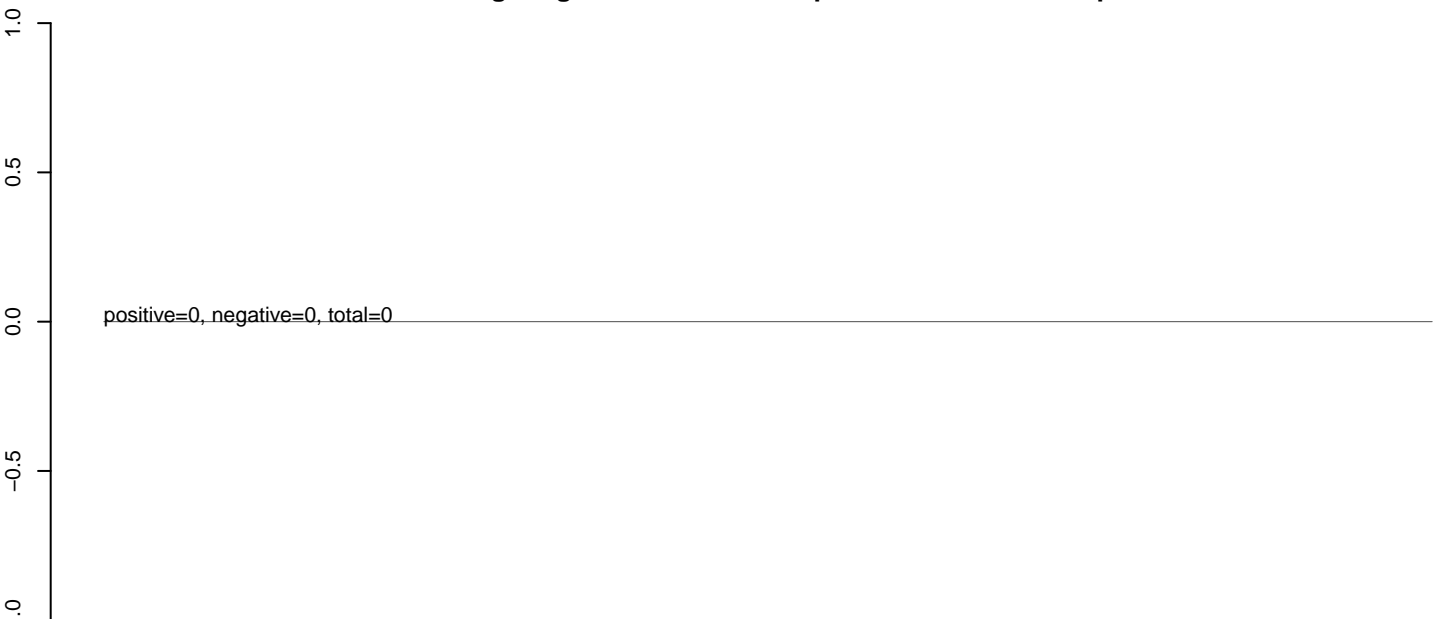
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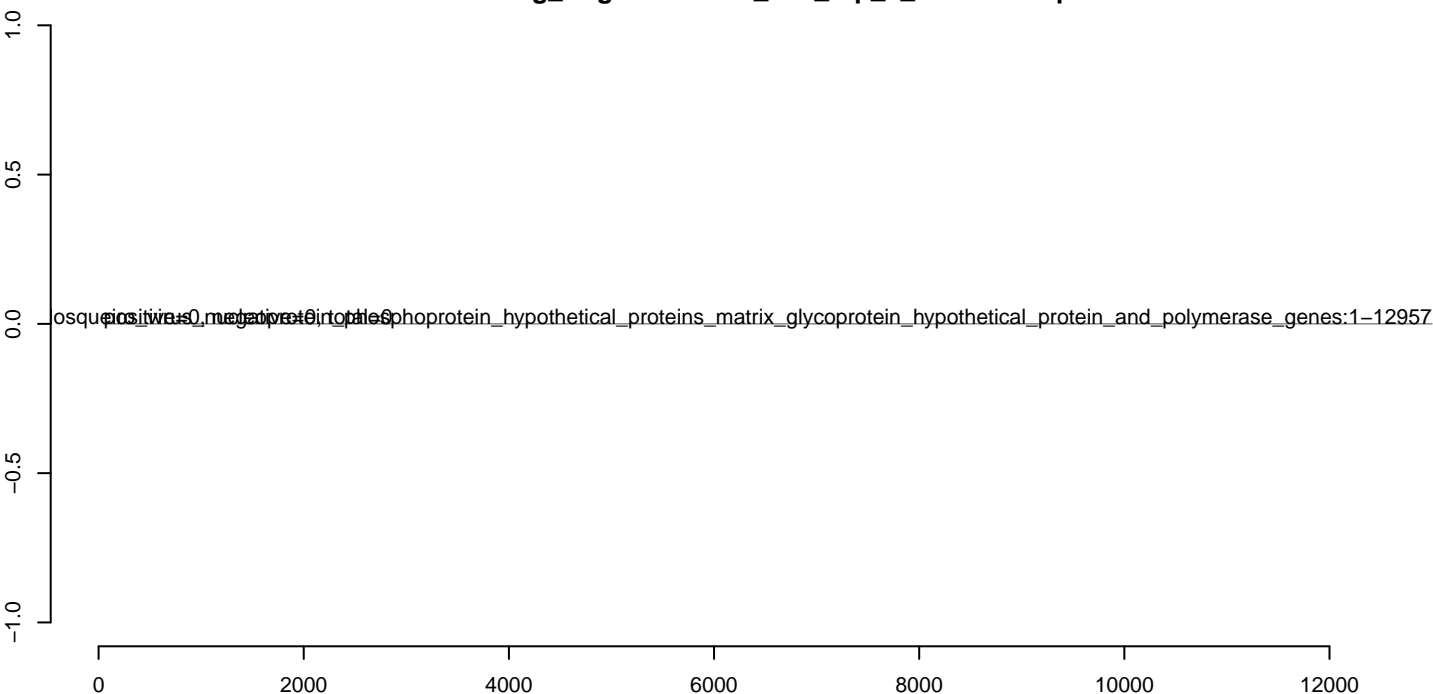
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



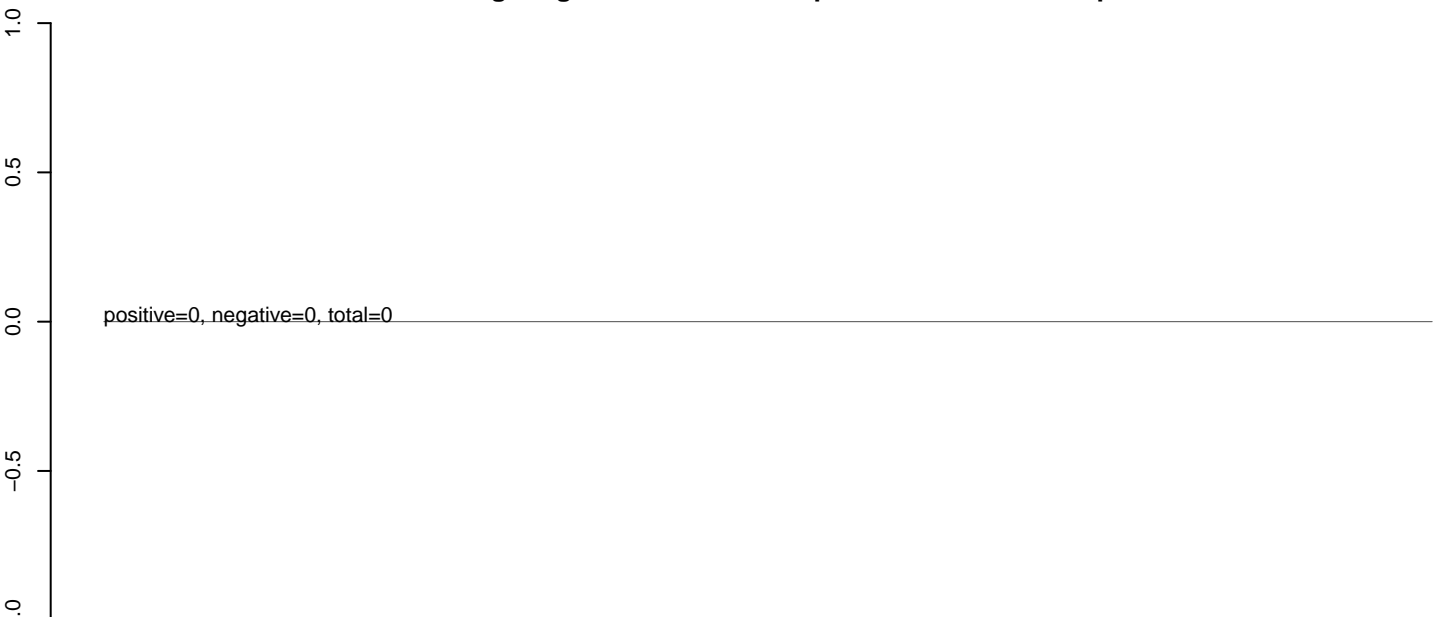
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



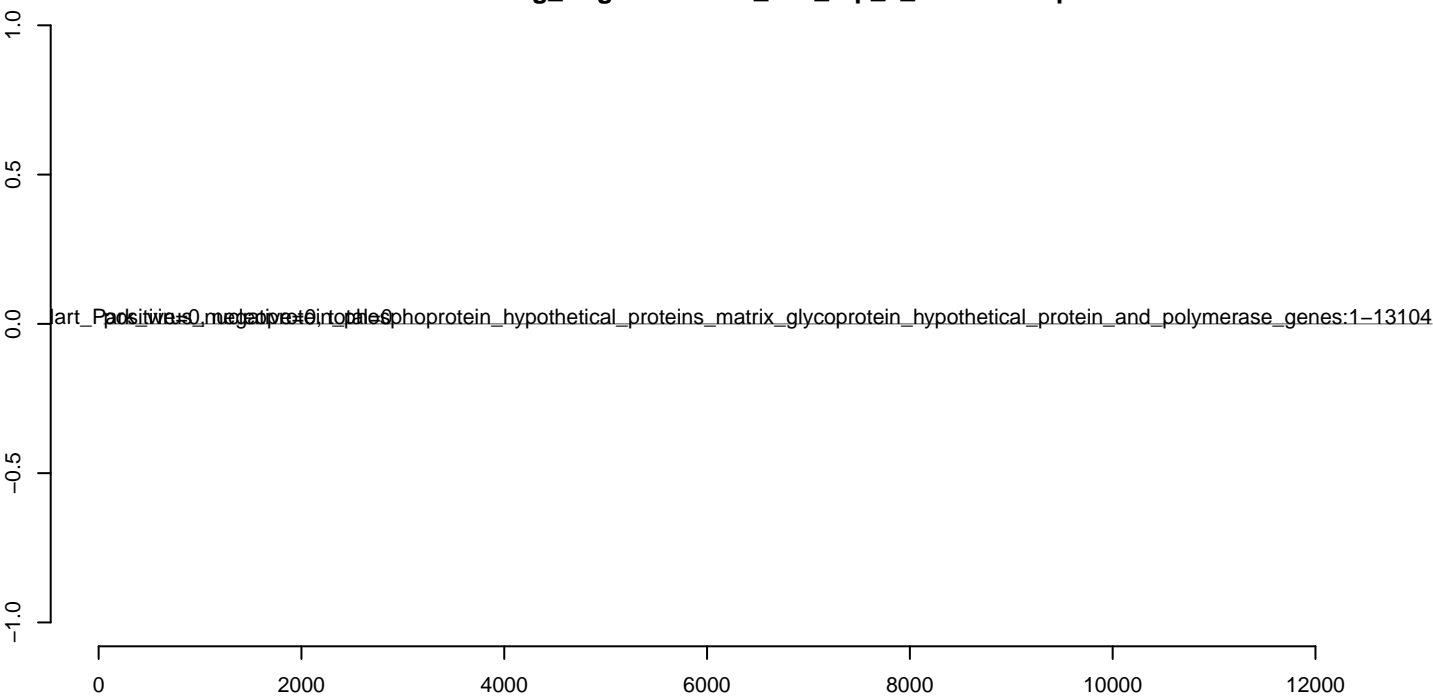
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



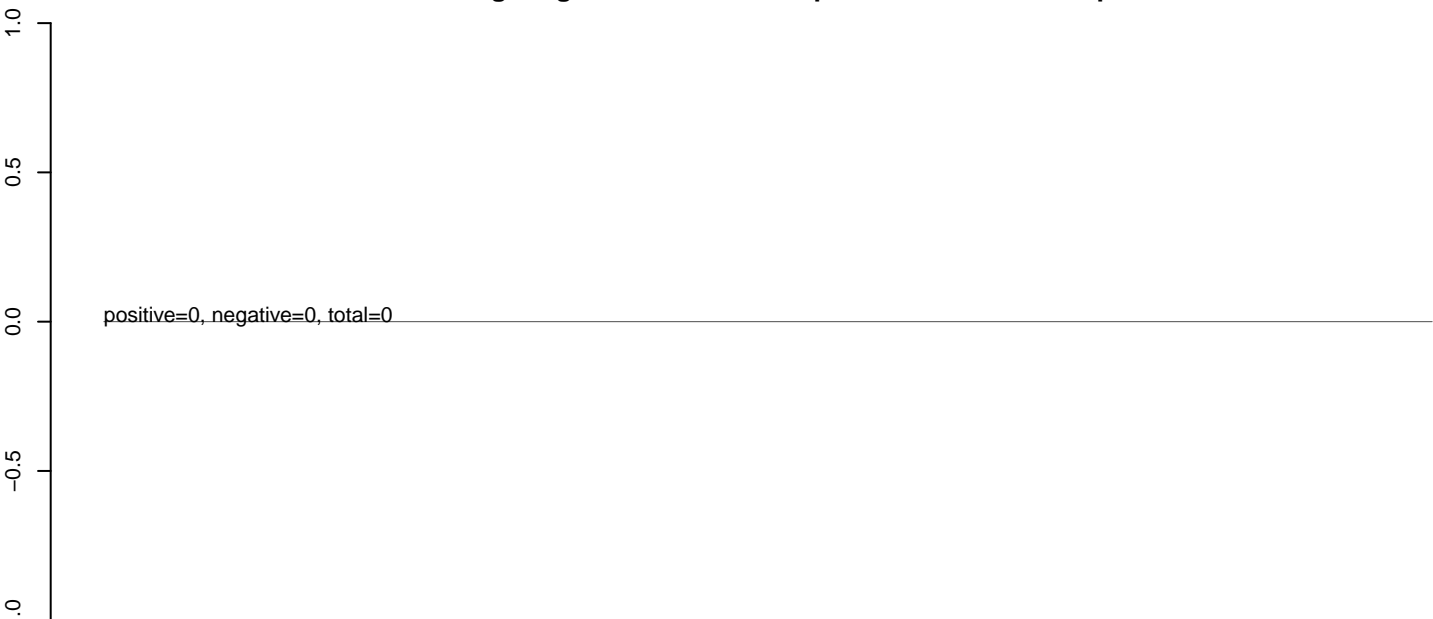
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



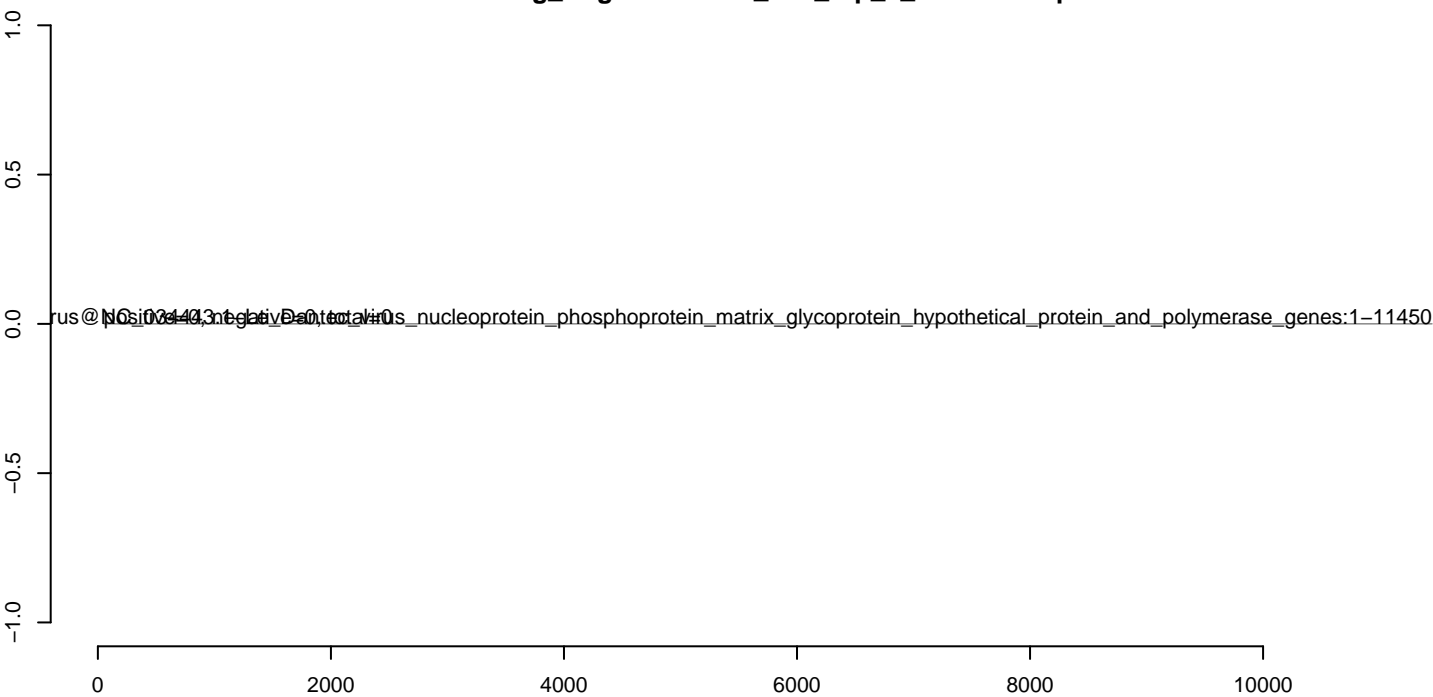
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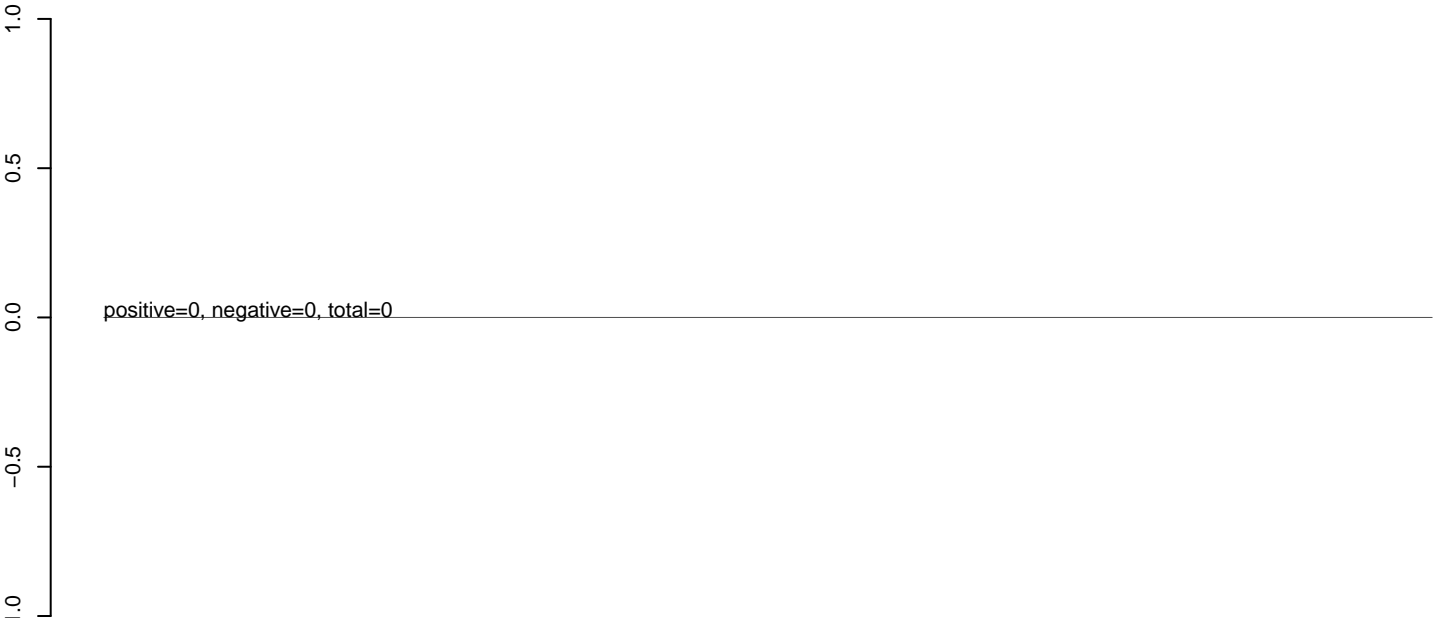
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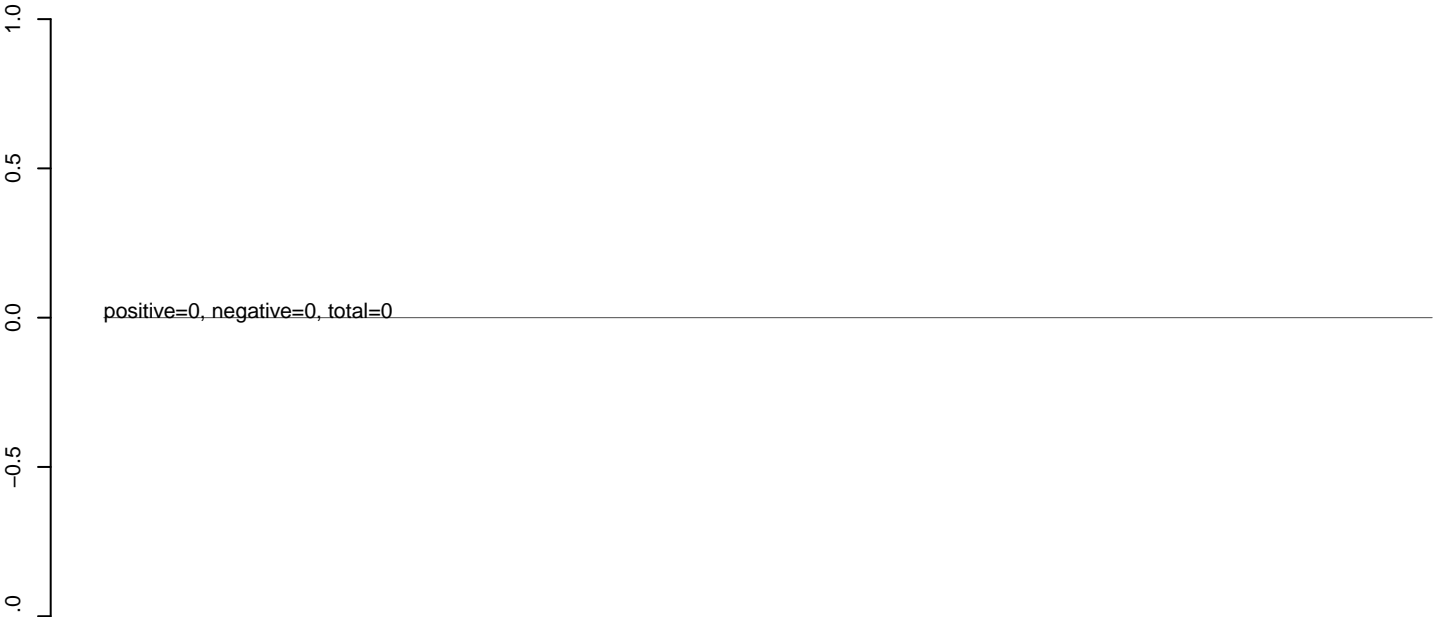
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



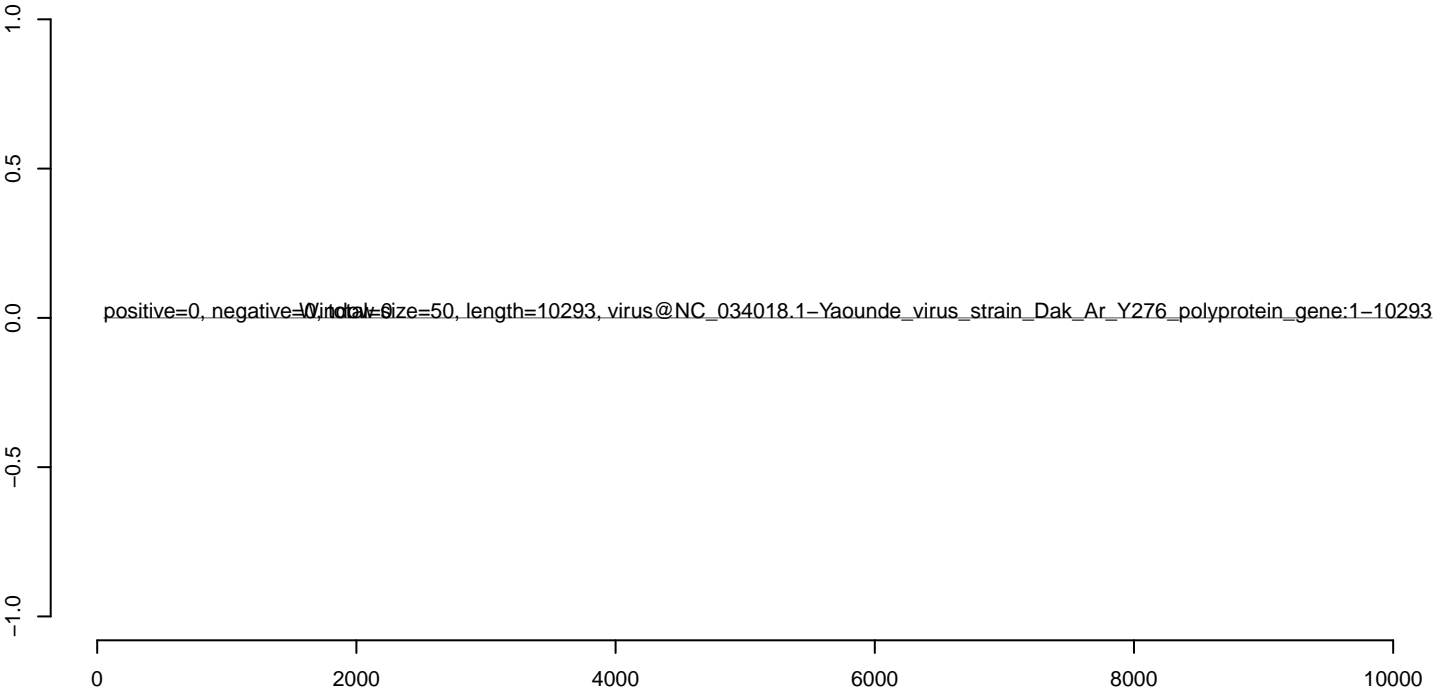
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

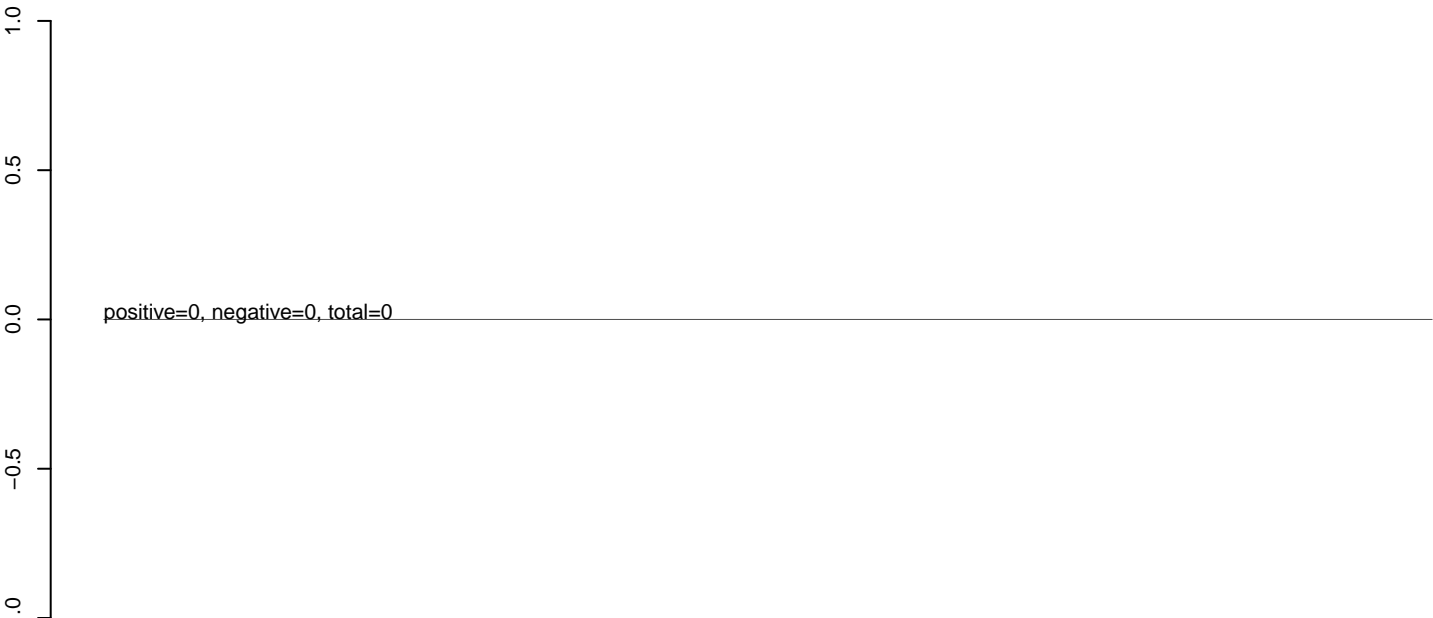


**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

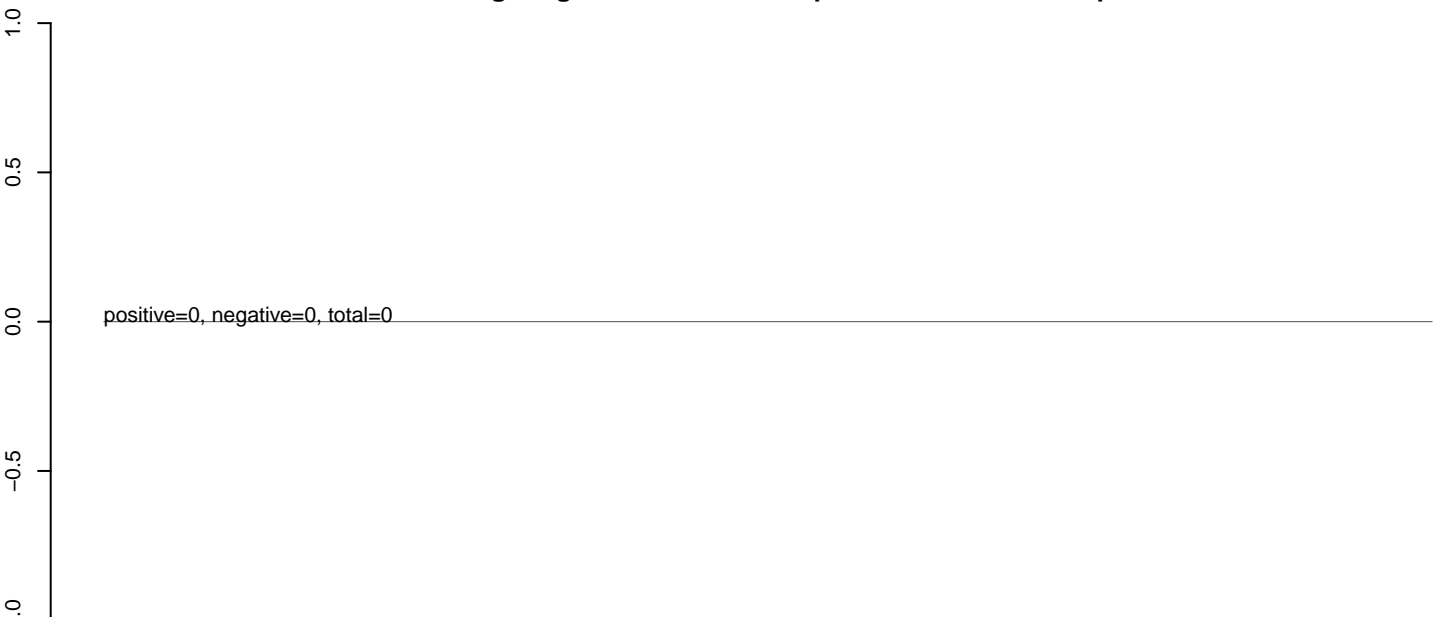




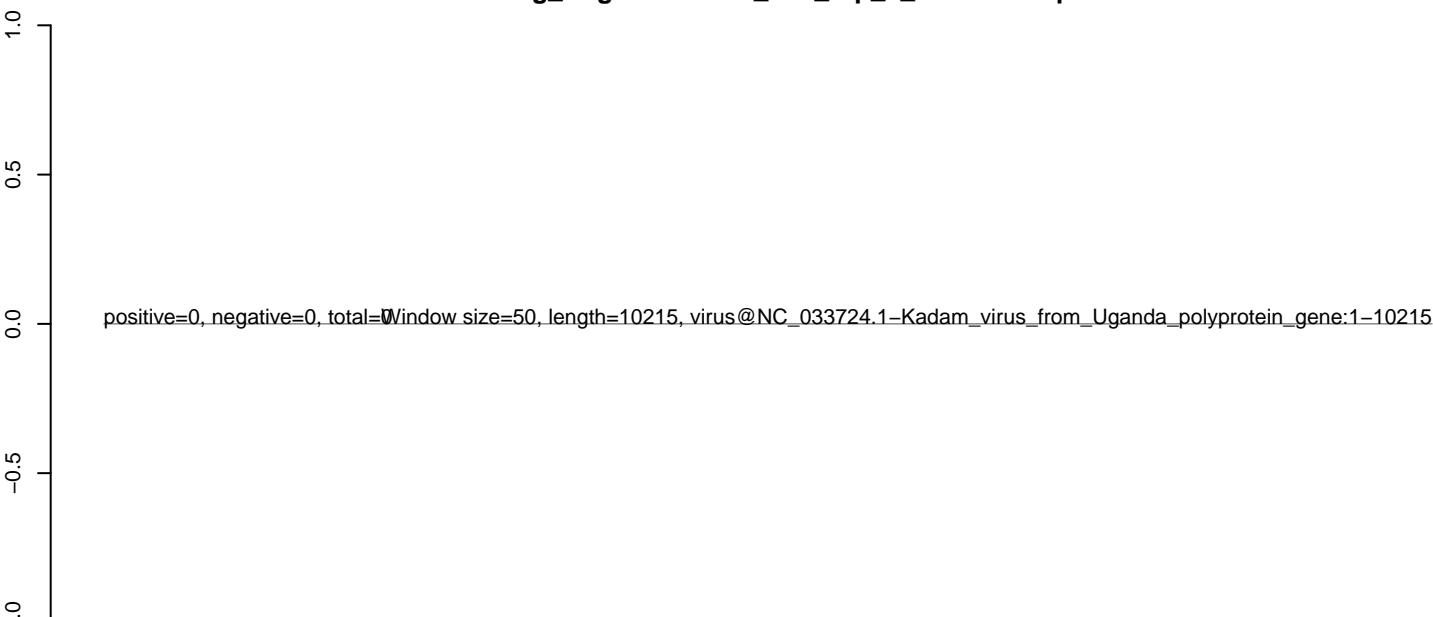
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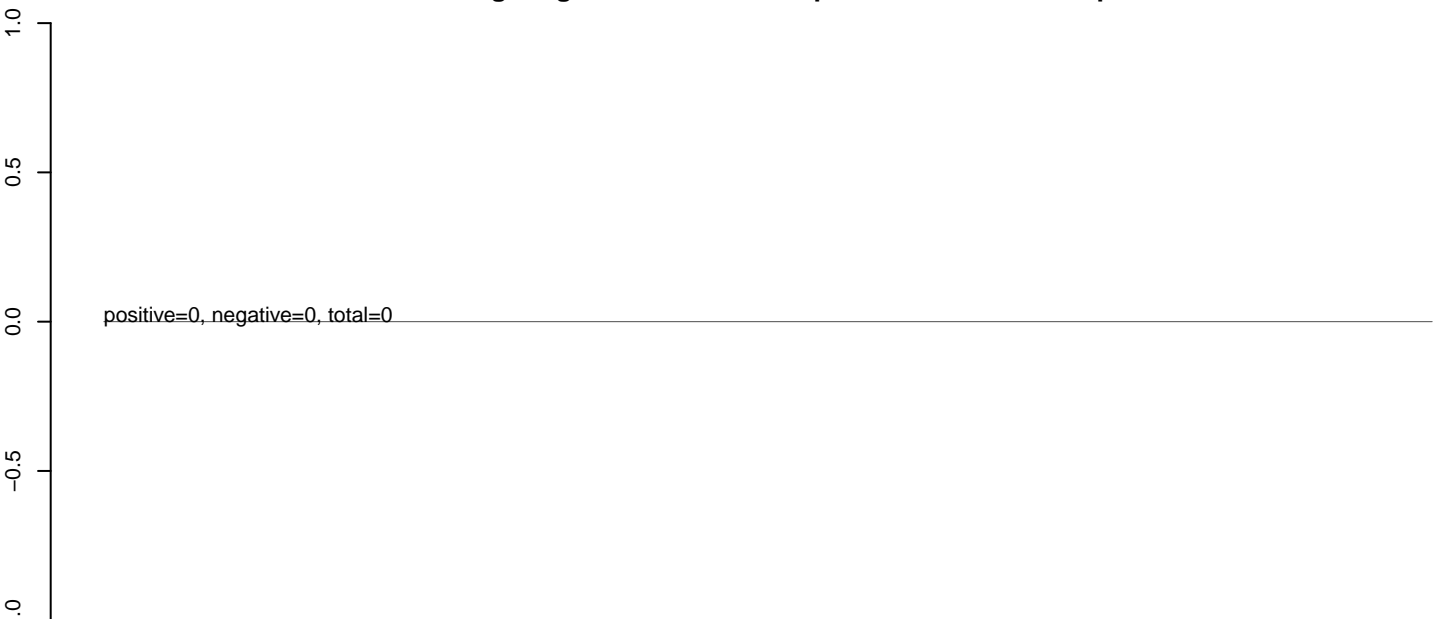
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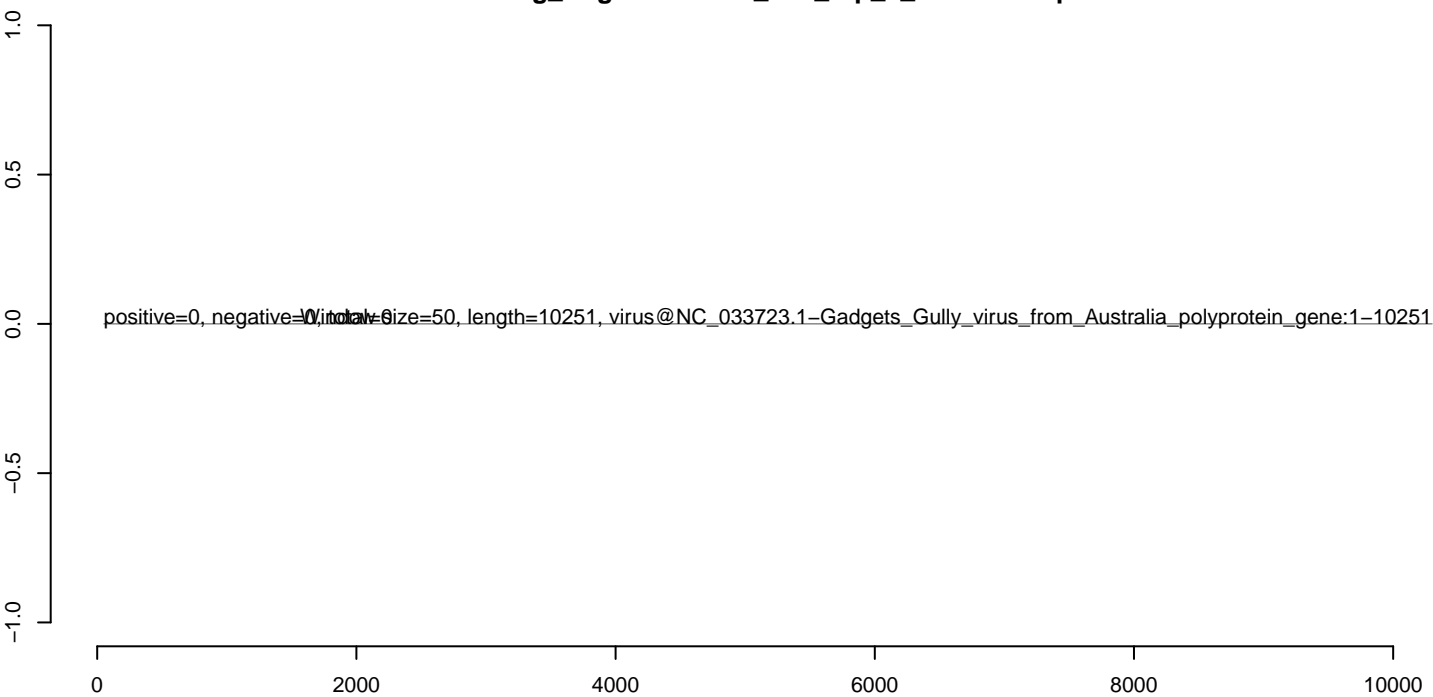
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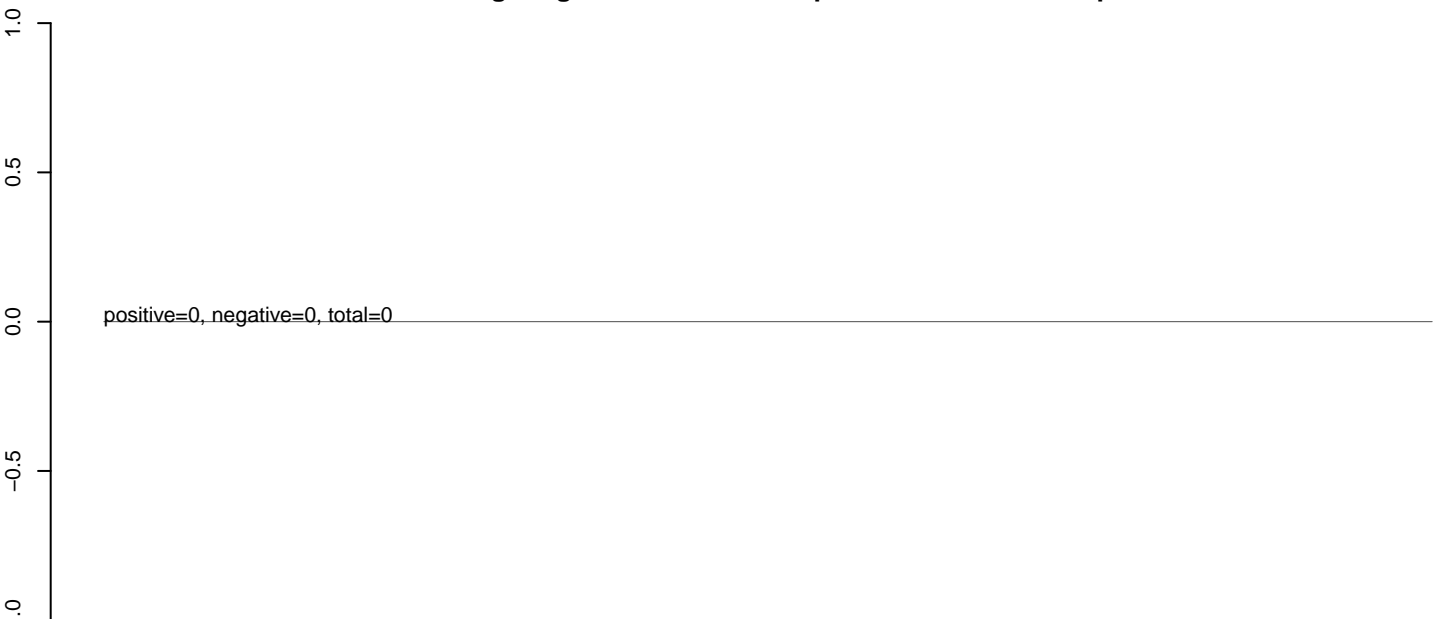
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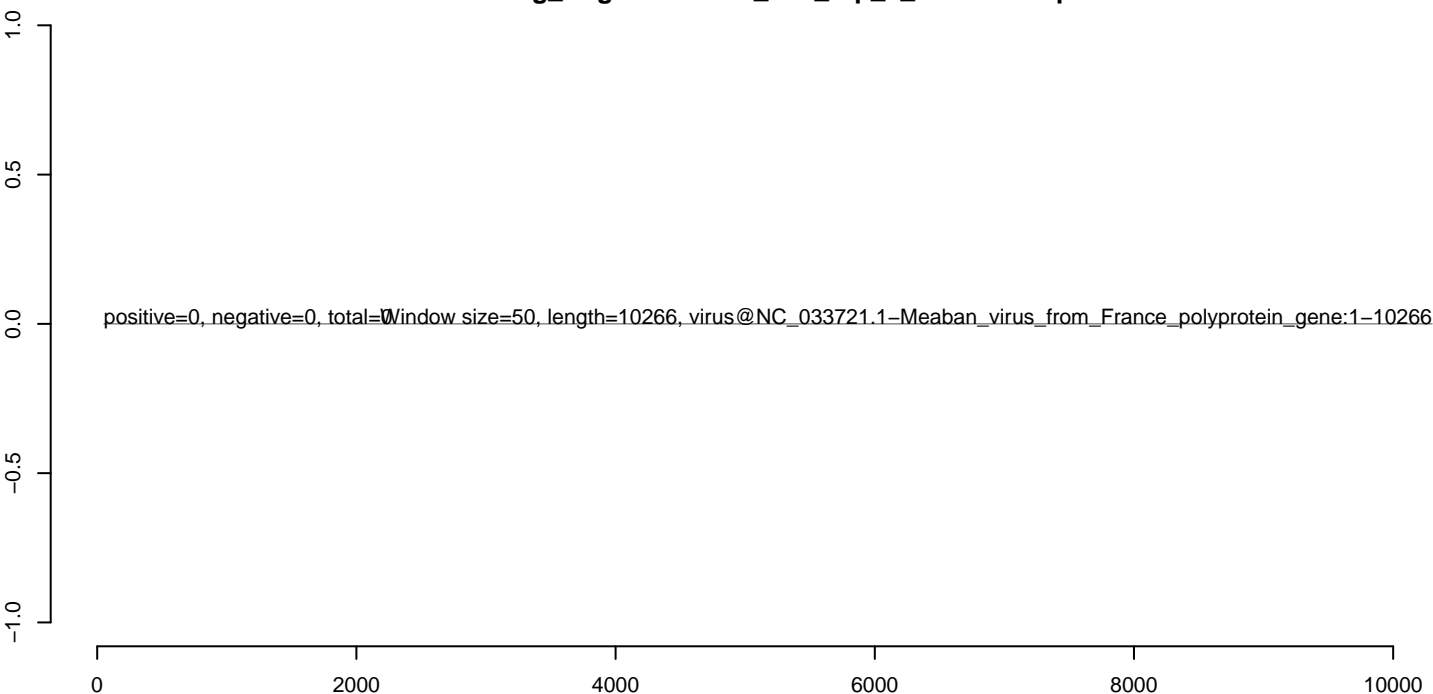
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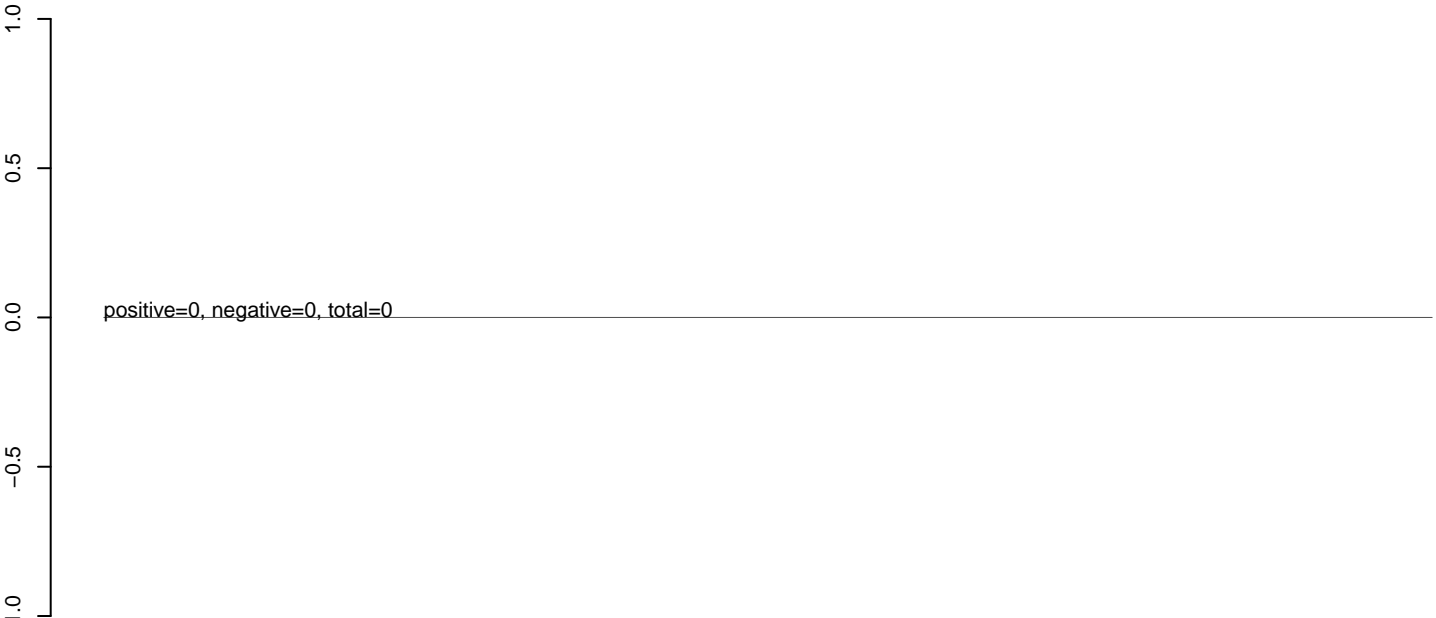
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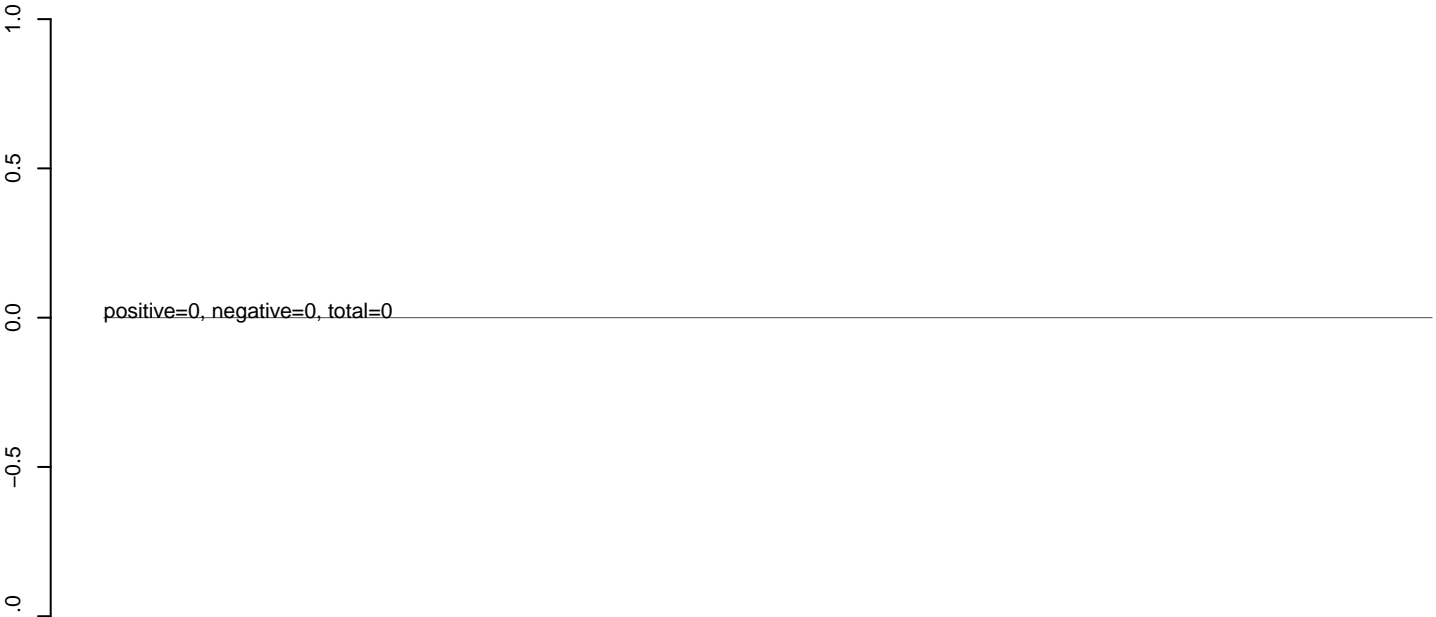
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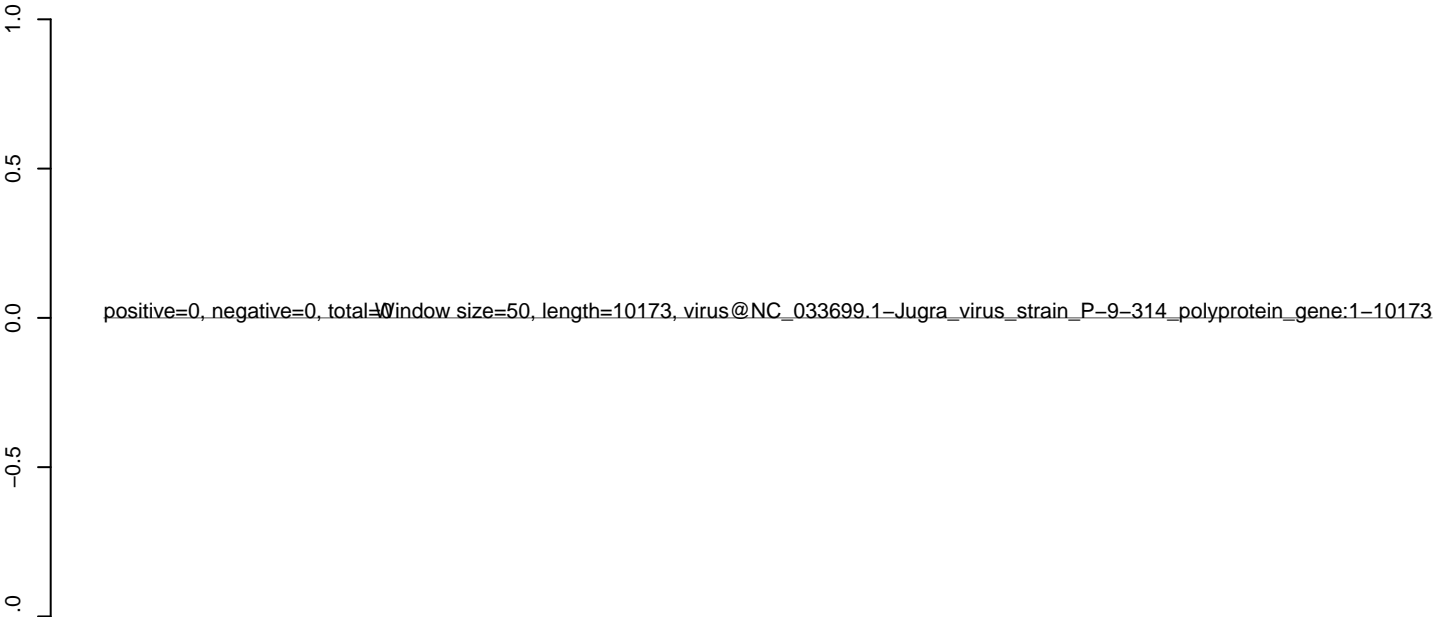
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

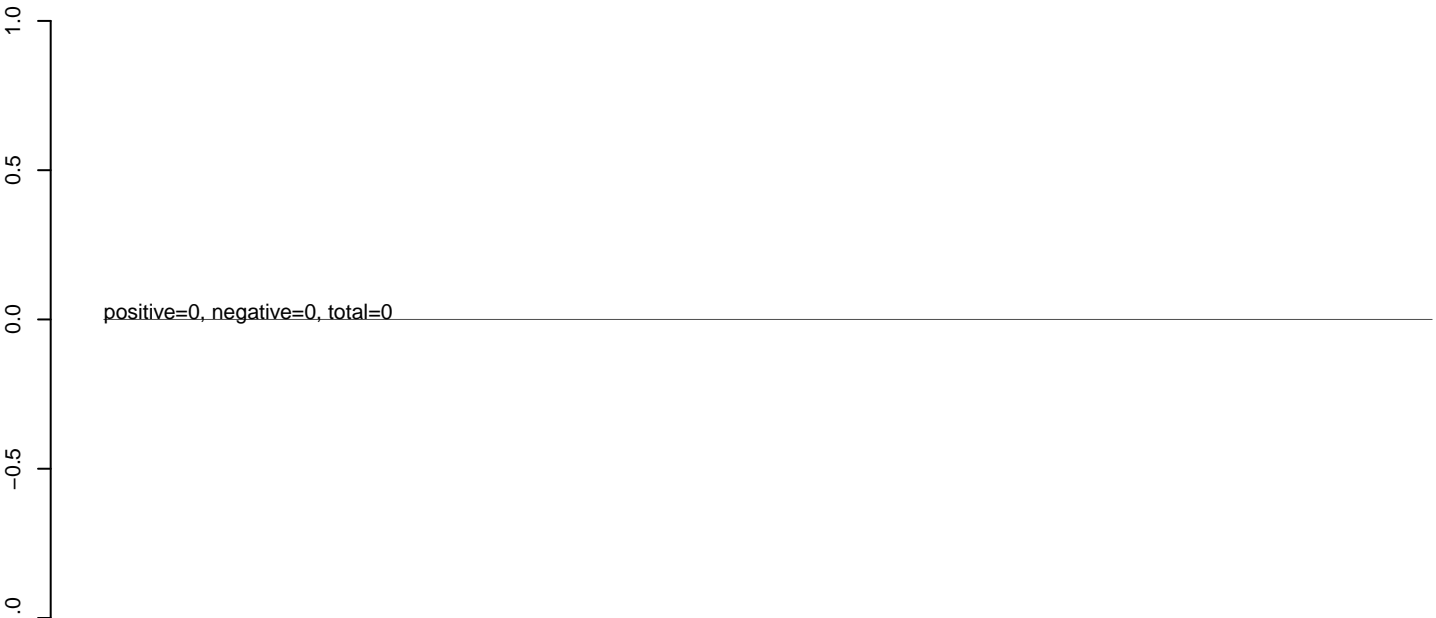


**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

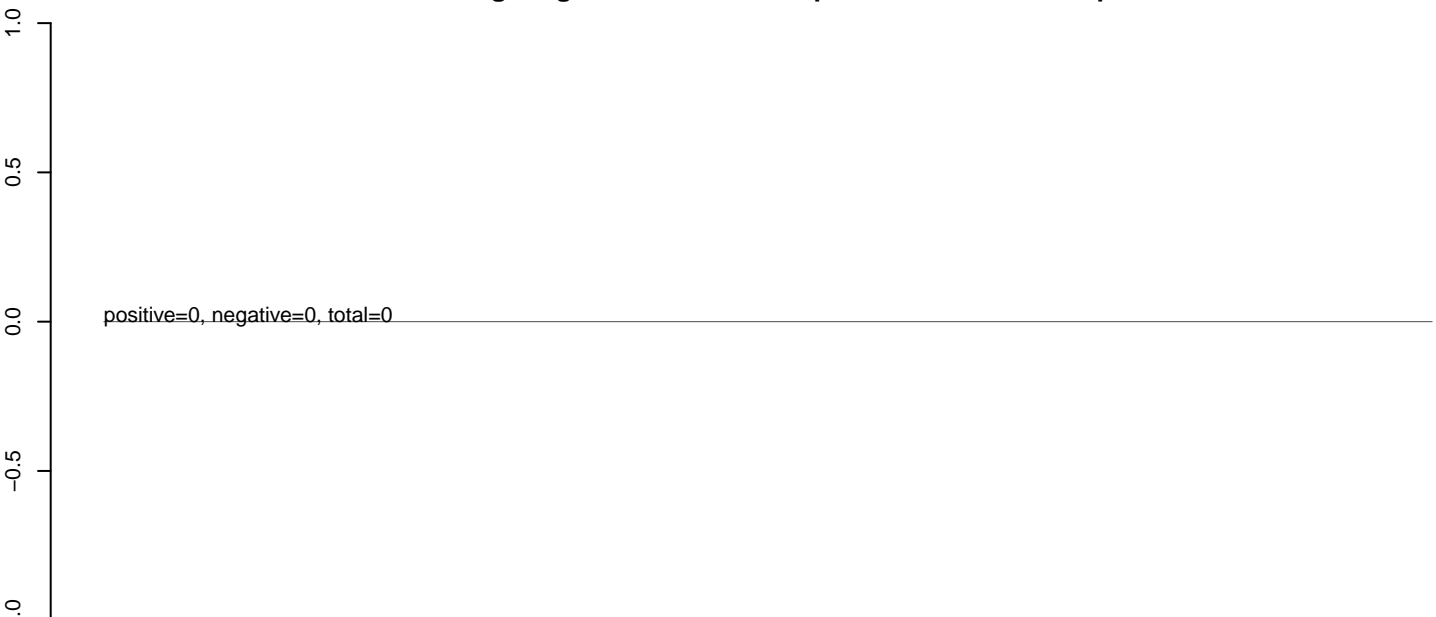


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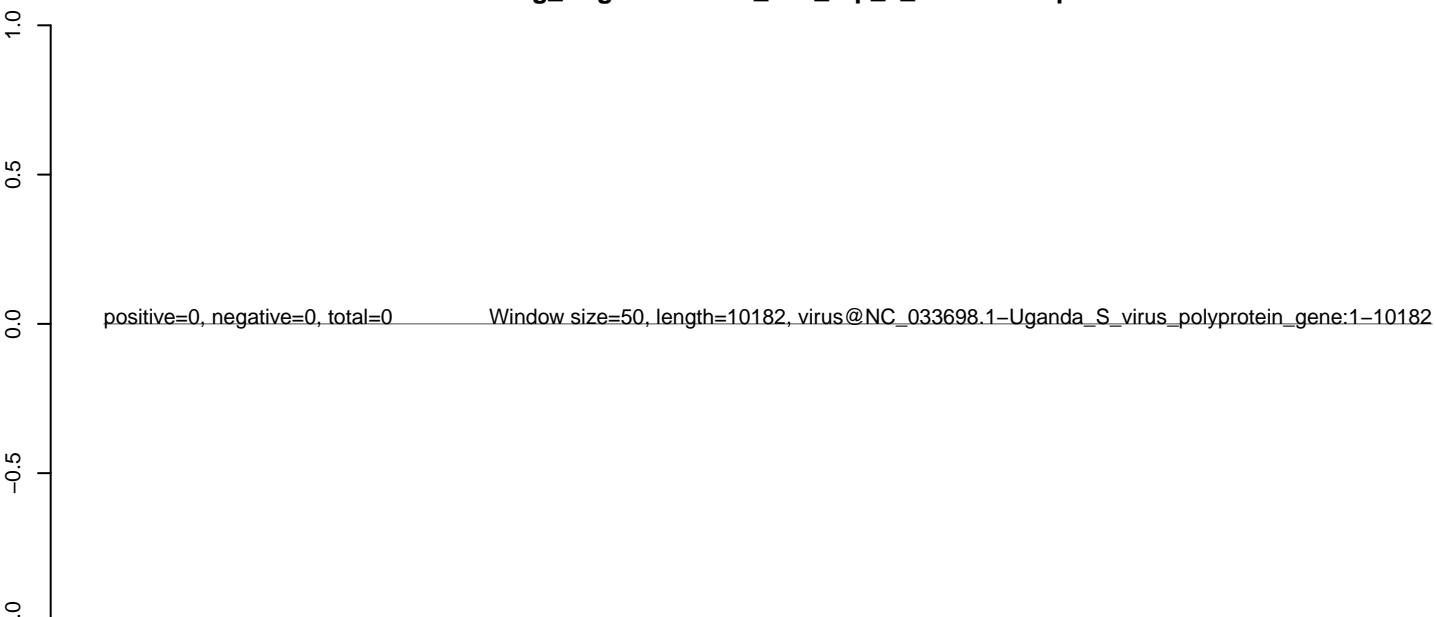
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



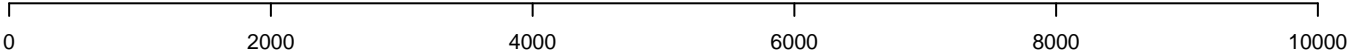
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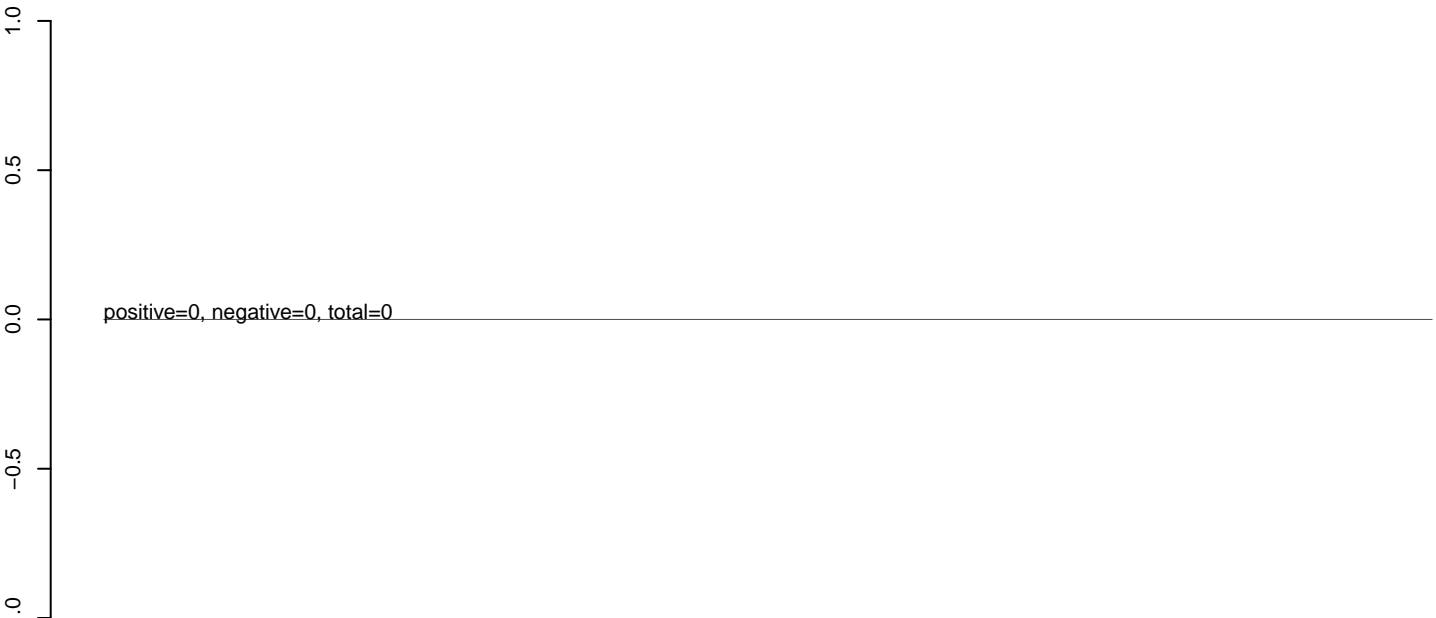
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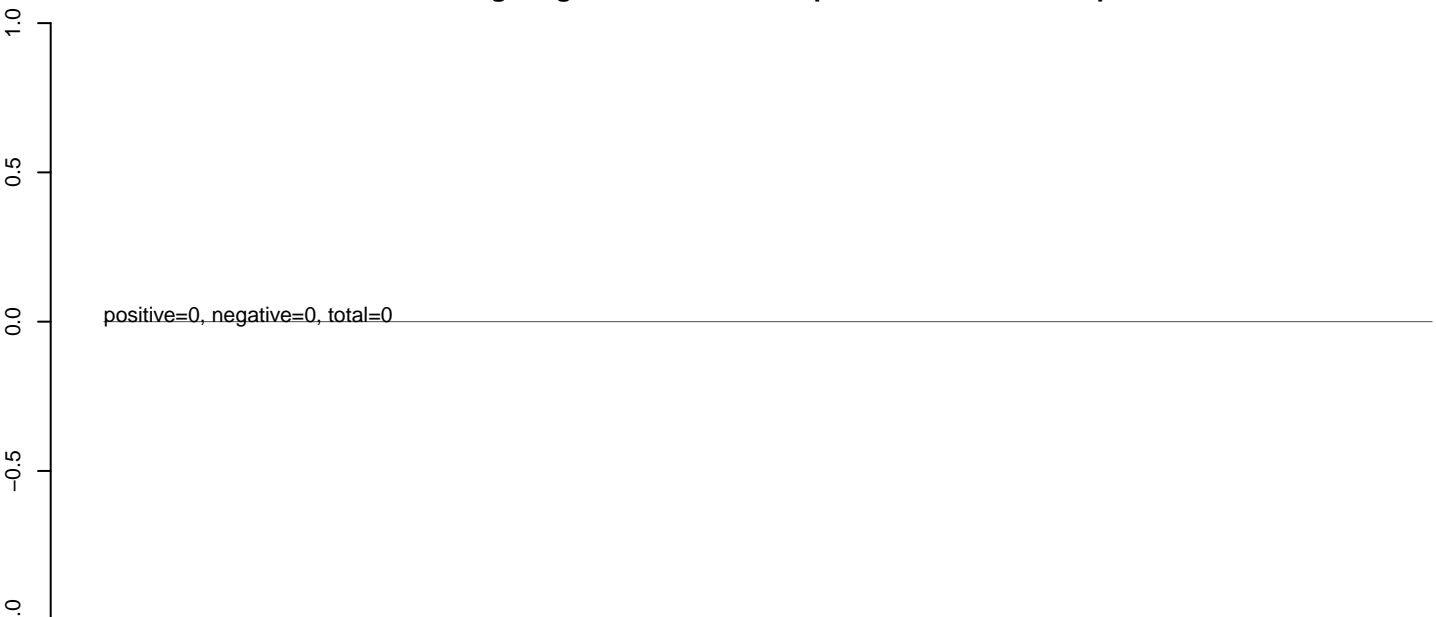
Window size=50, length=10182, virus@NC\_033698.1-Uganda\_S\_virus\_polyprotein\_gene:1-10182



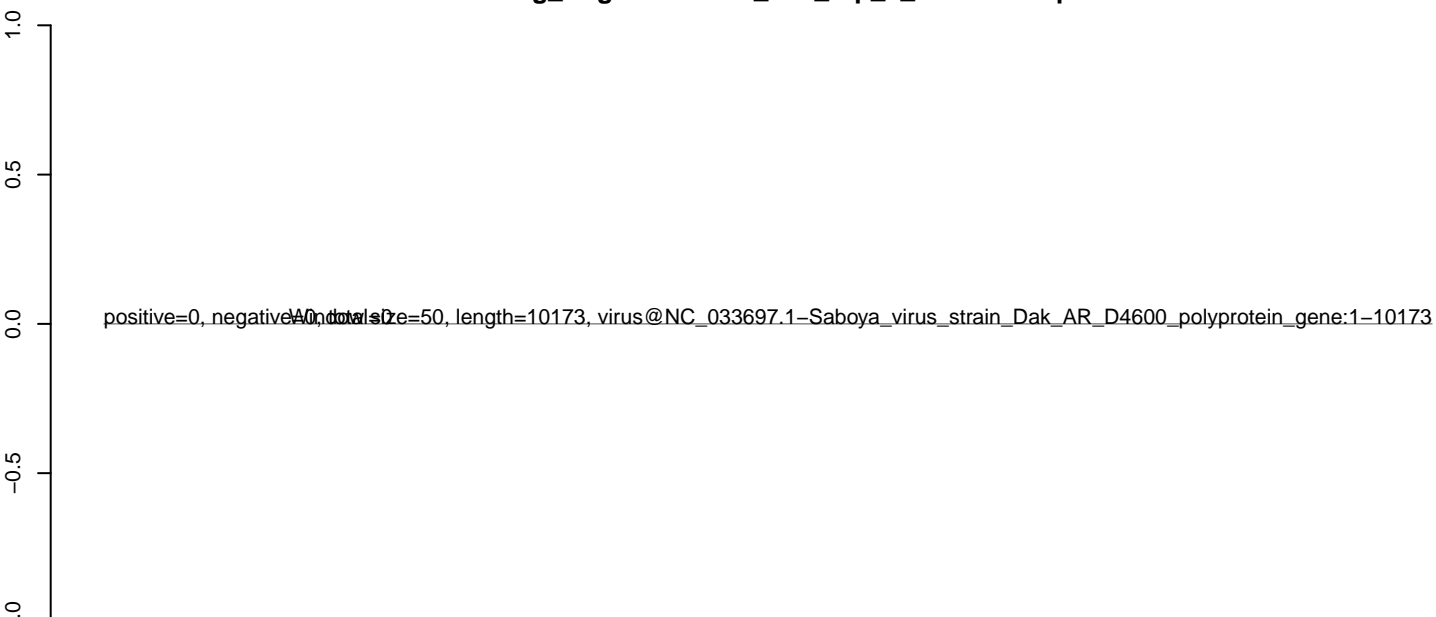
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



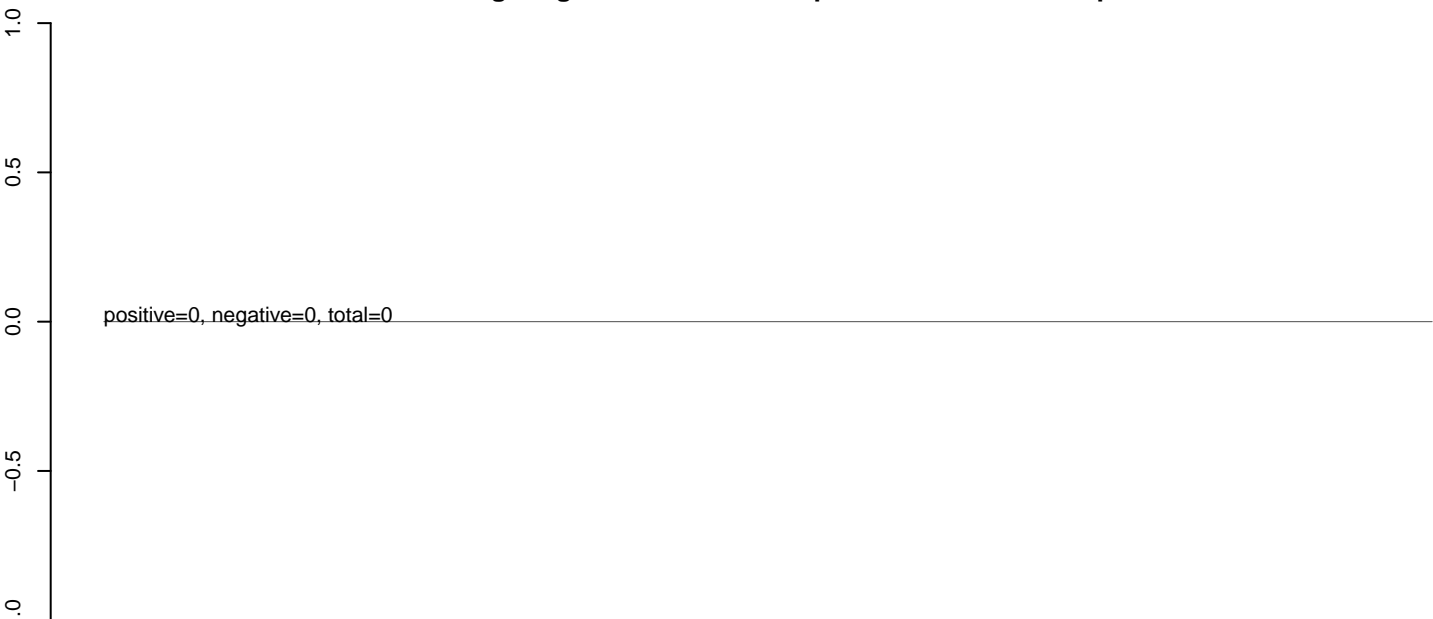
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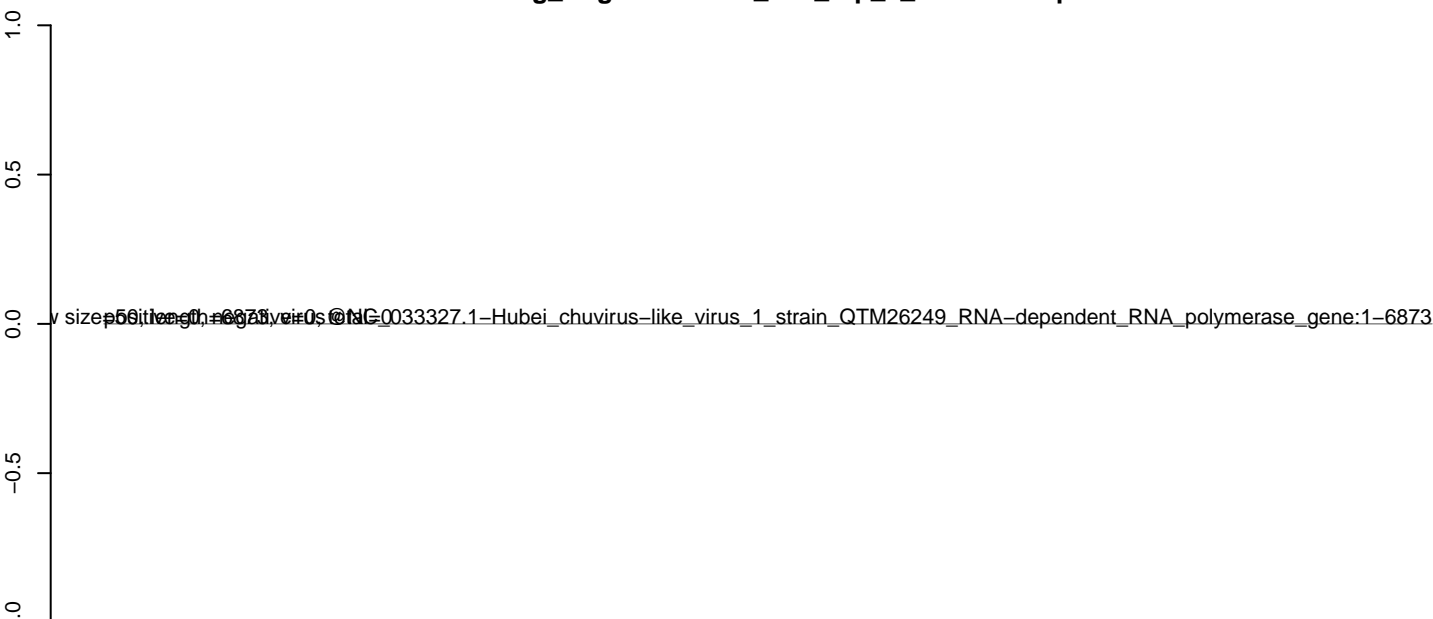
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

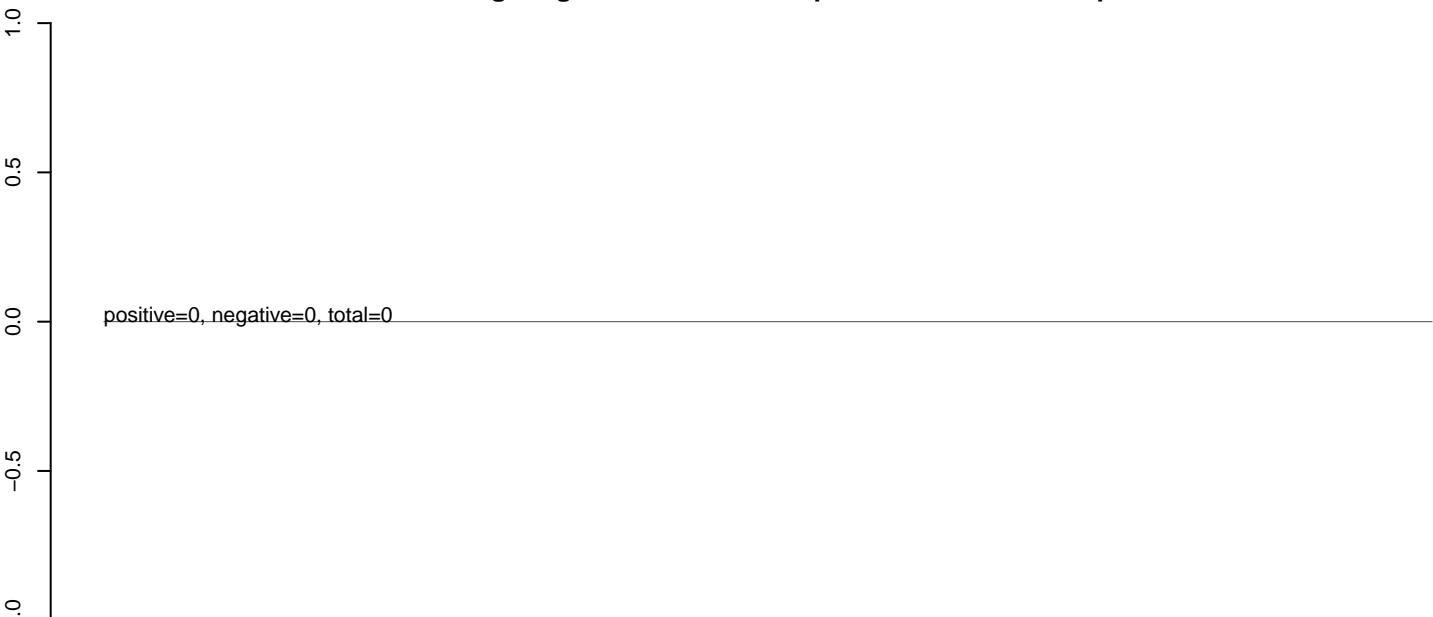


v size=56, length=6873, pos=0, neg=0, total=0, HG-0033327.1-Hubei\_chuvirus-like\_virus\_1\_strain\_QTM26249\_RNA-dependent\_RNA\_polymerase\_gene:1-6873

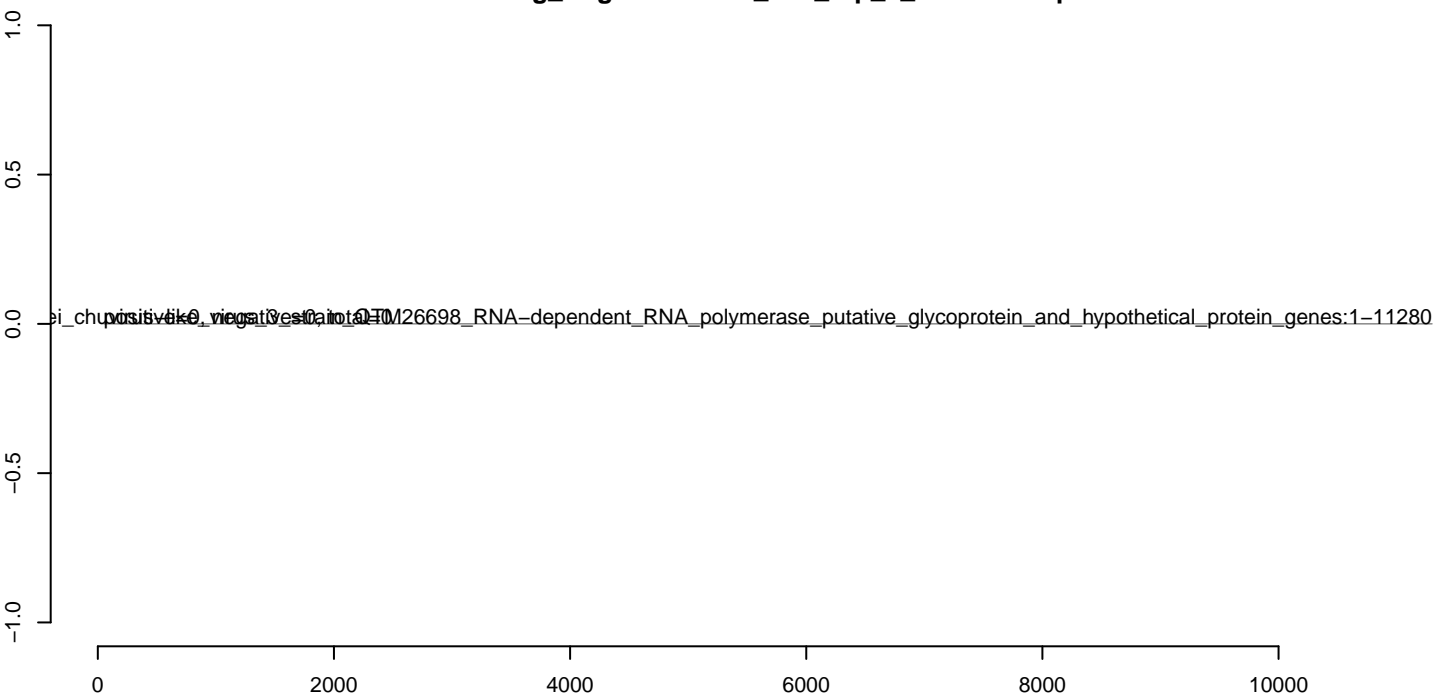
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

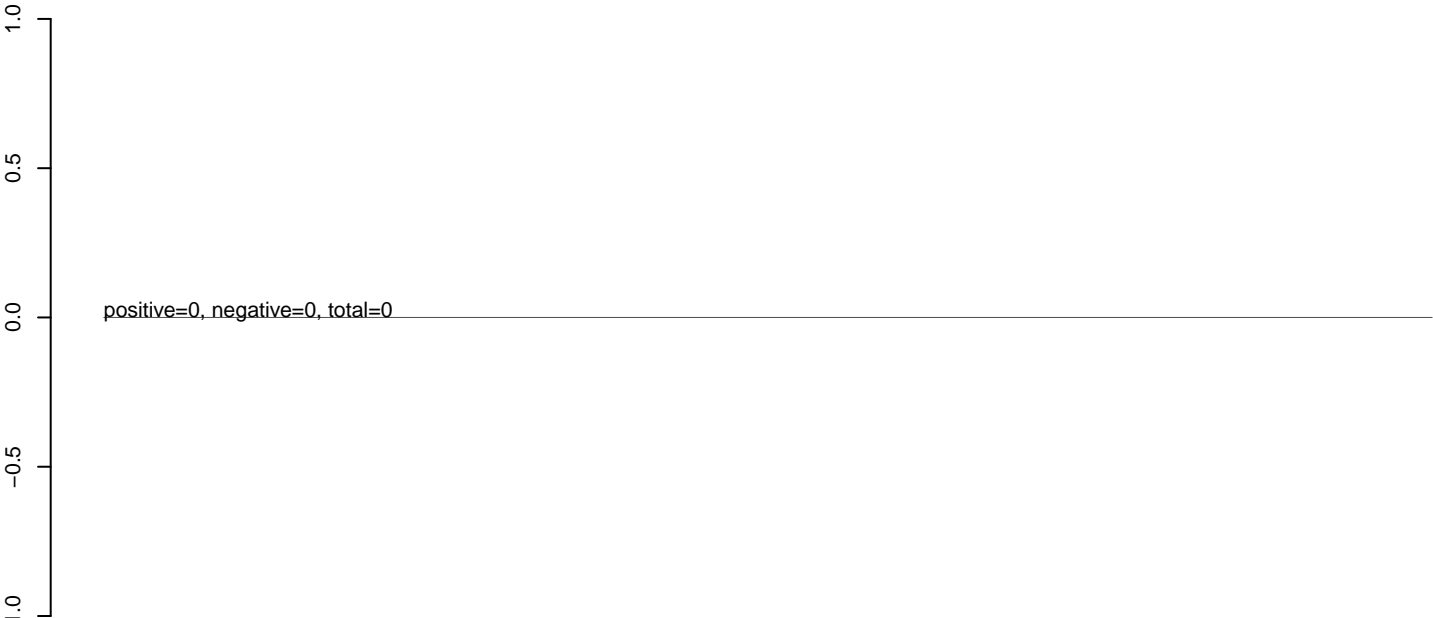


**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

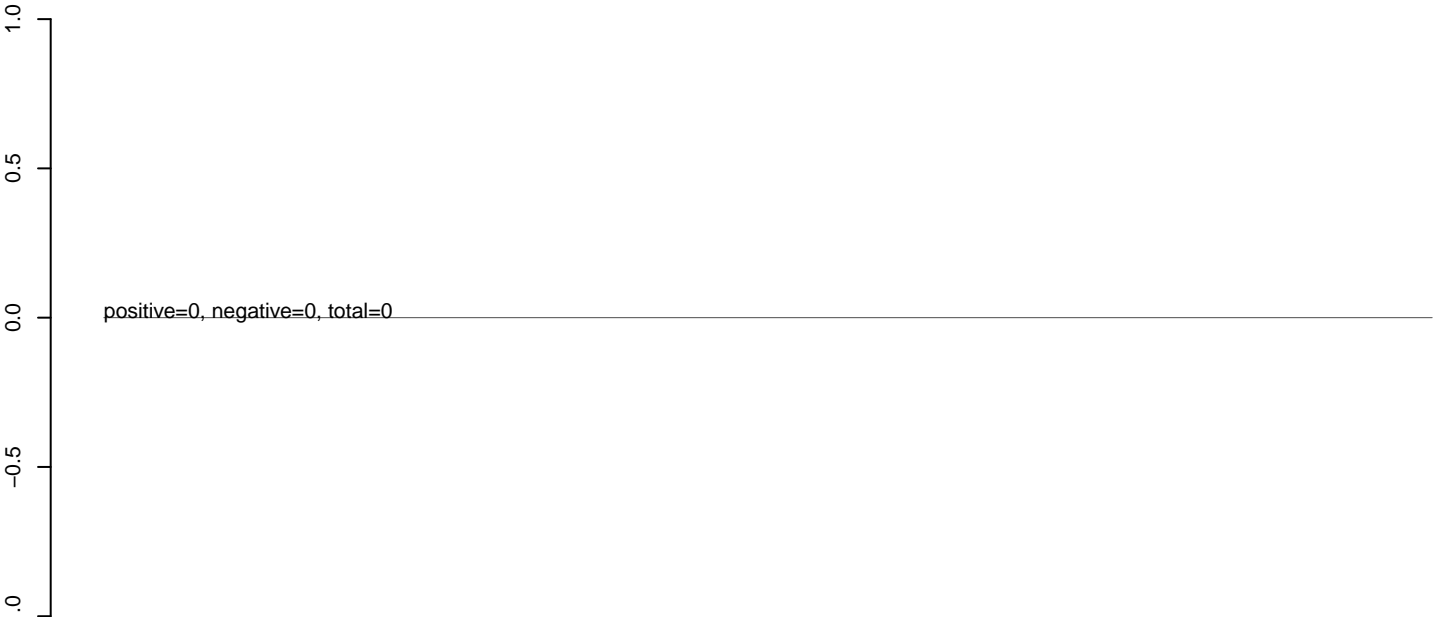




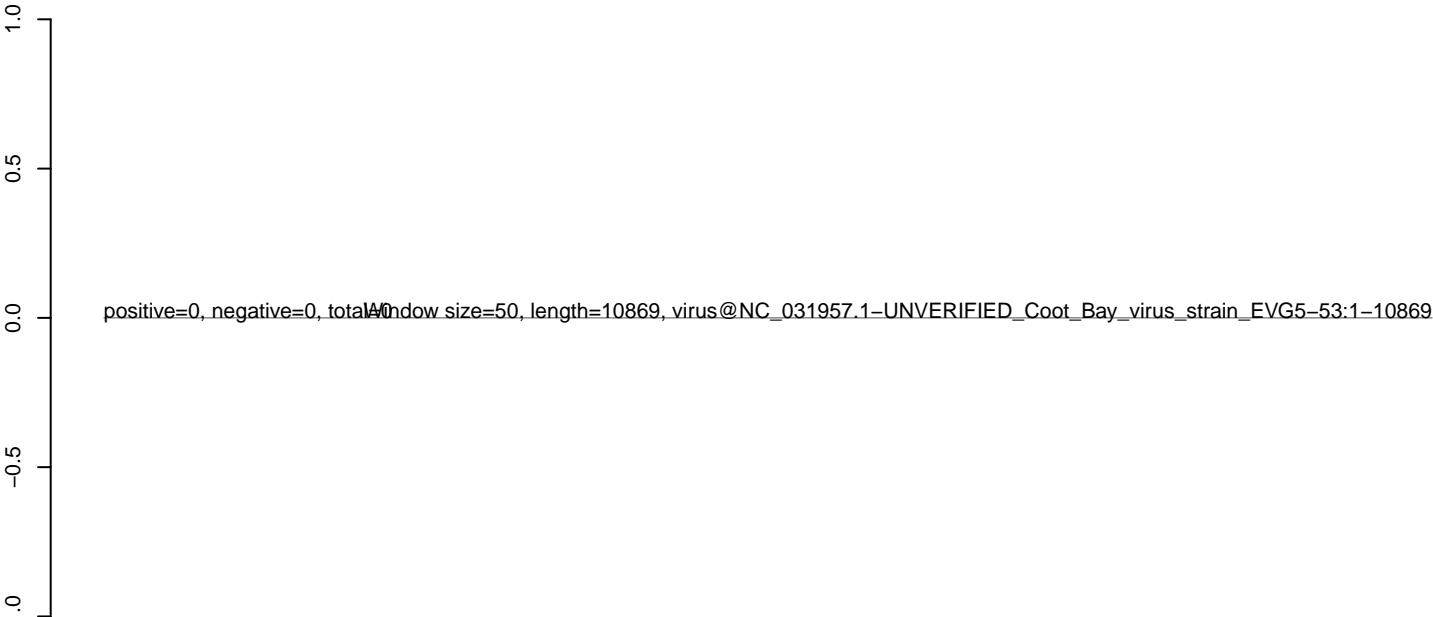
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

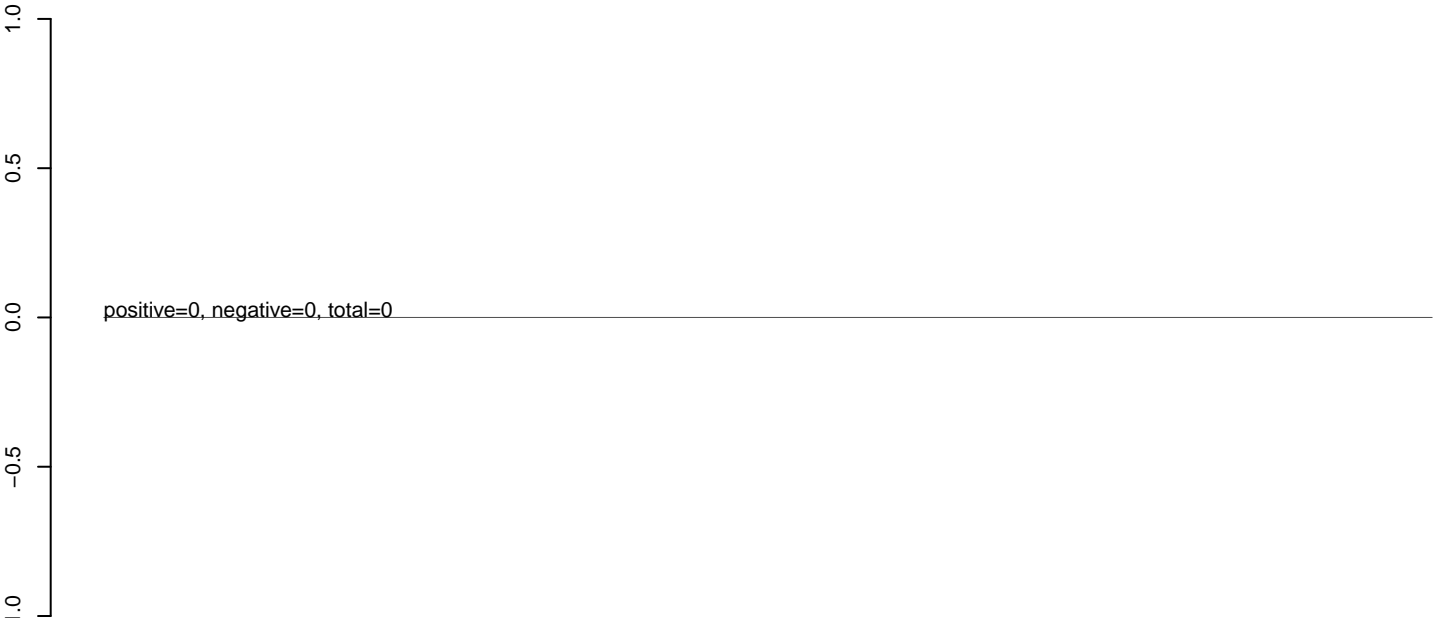


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

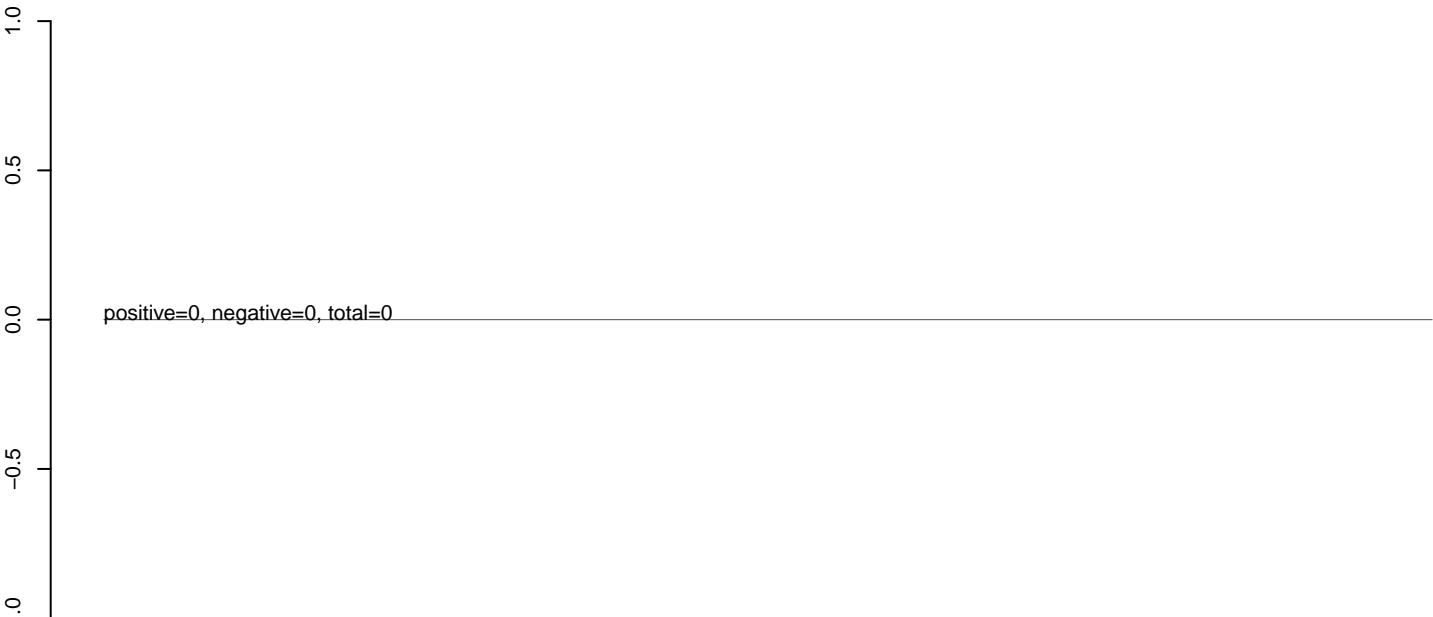


0 2000 4000 6000 8000 10000

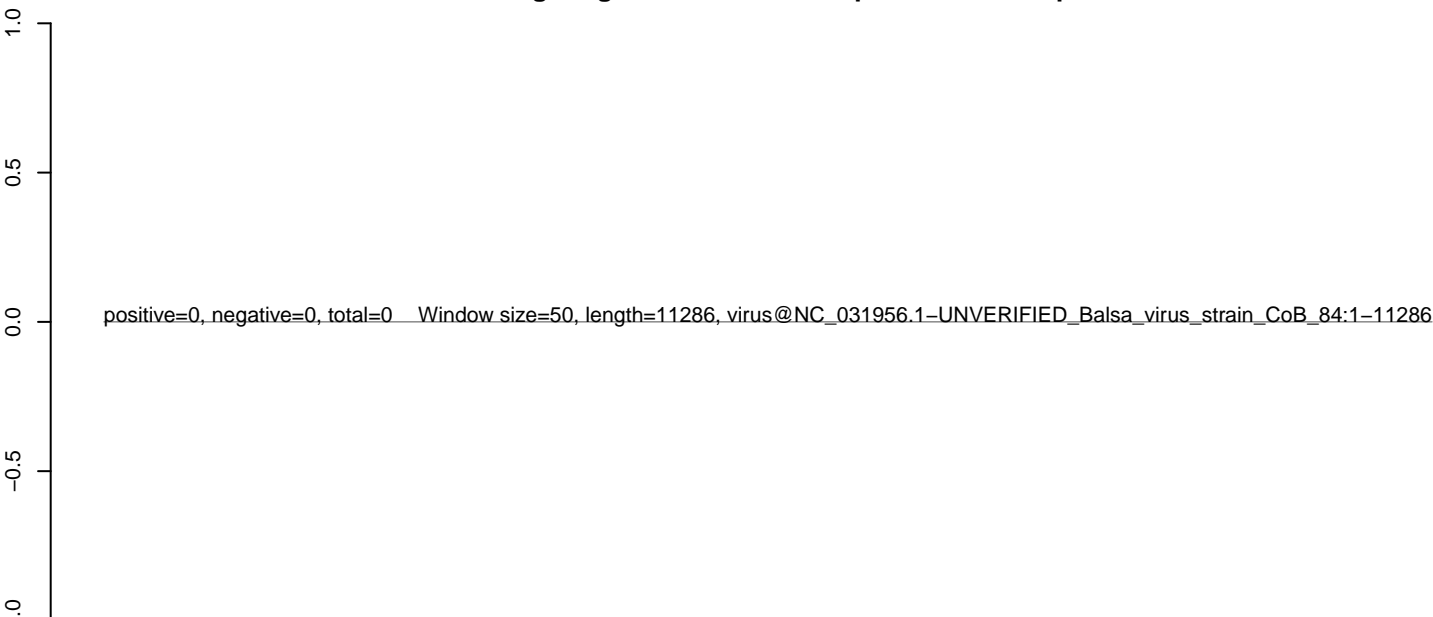
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



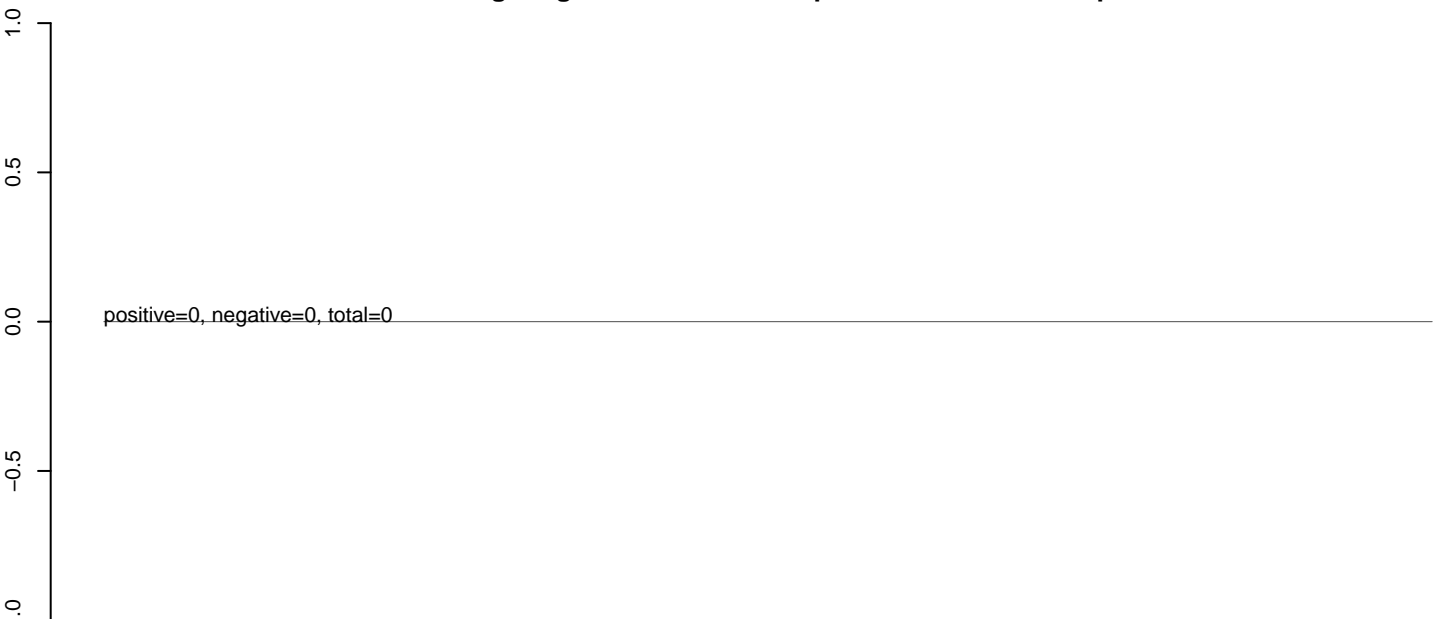
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



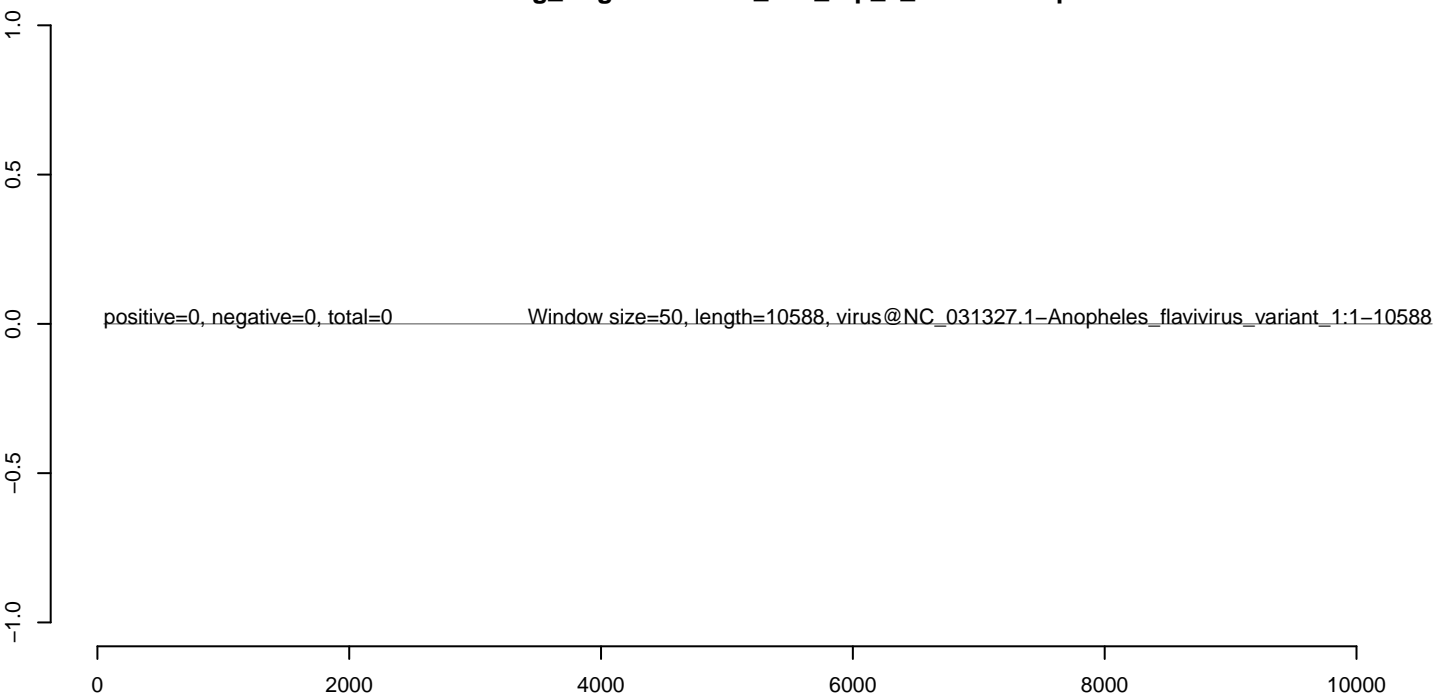
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



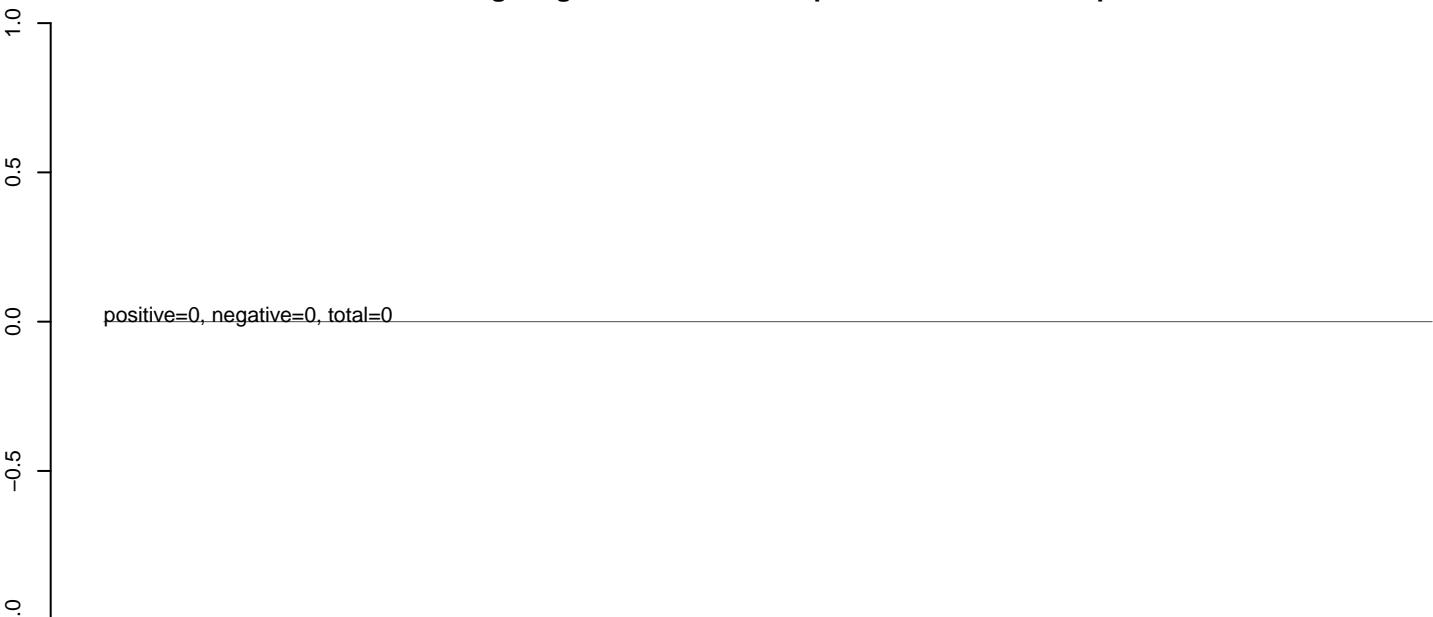
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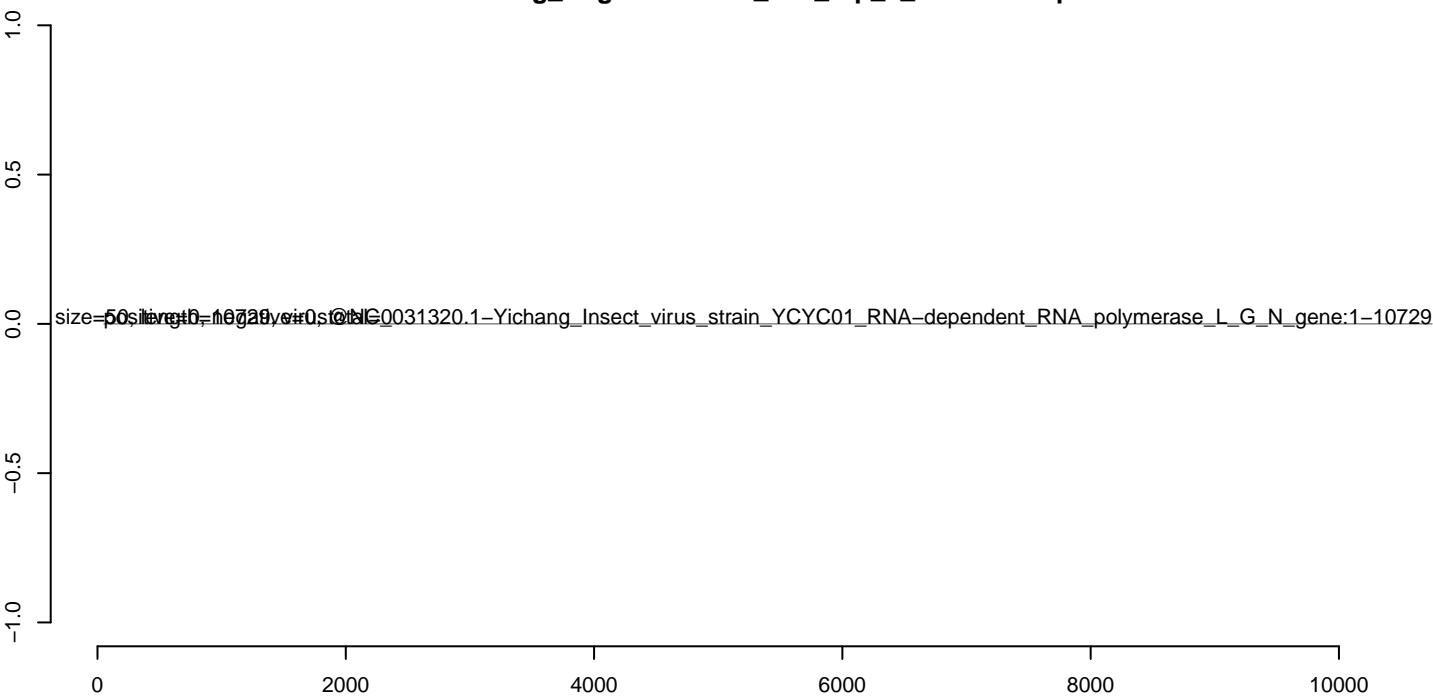
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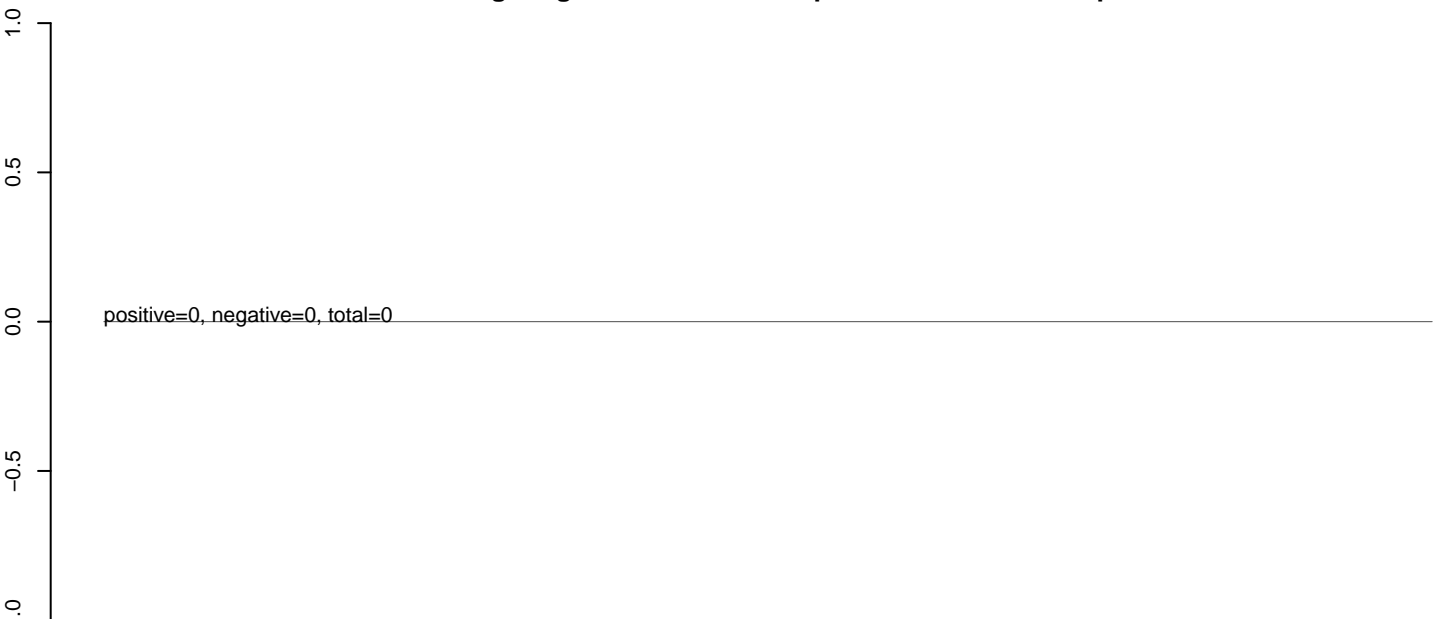
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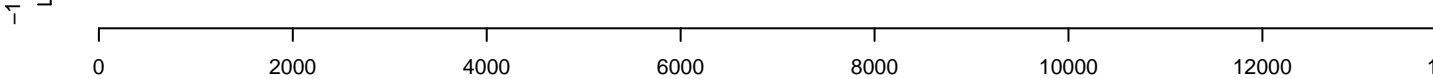
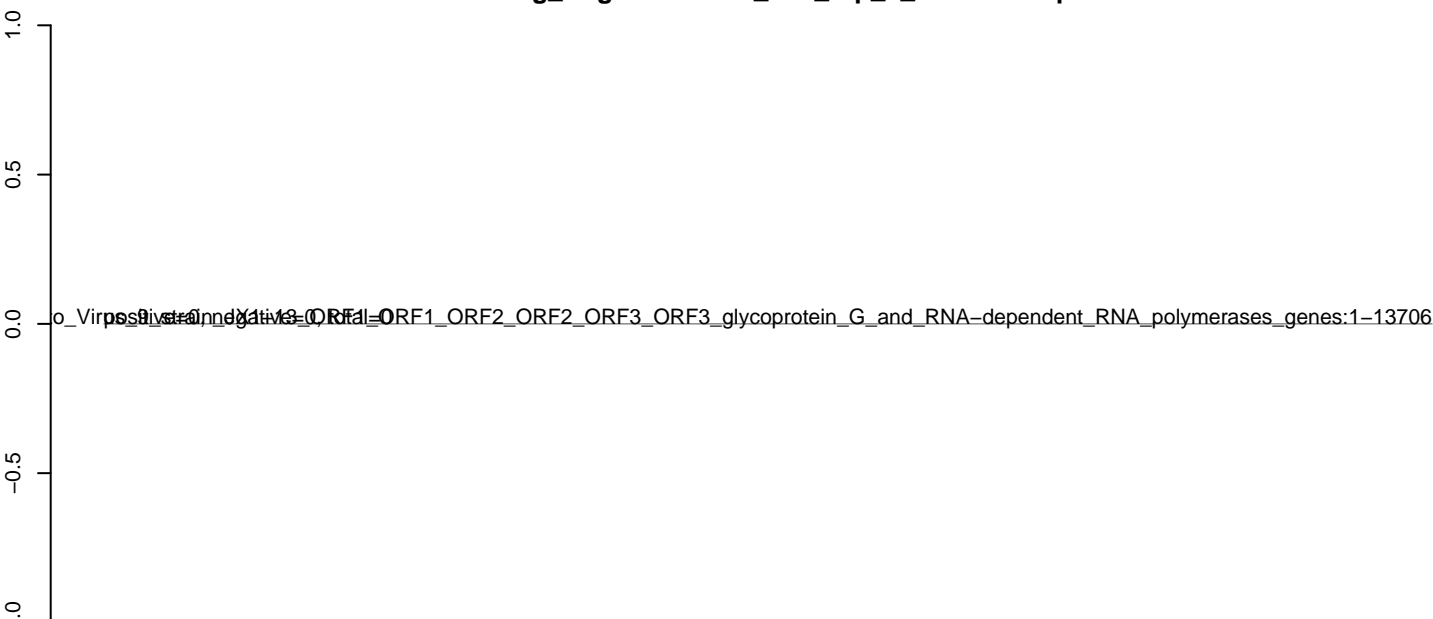
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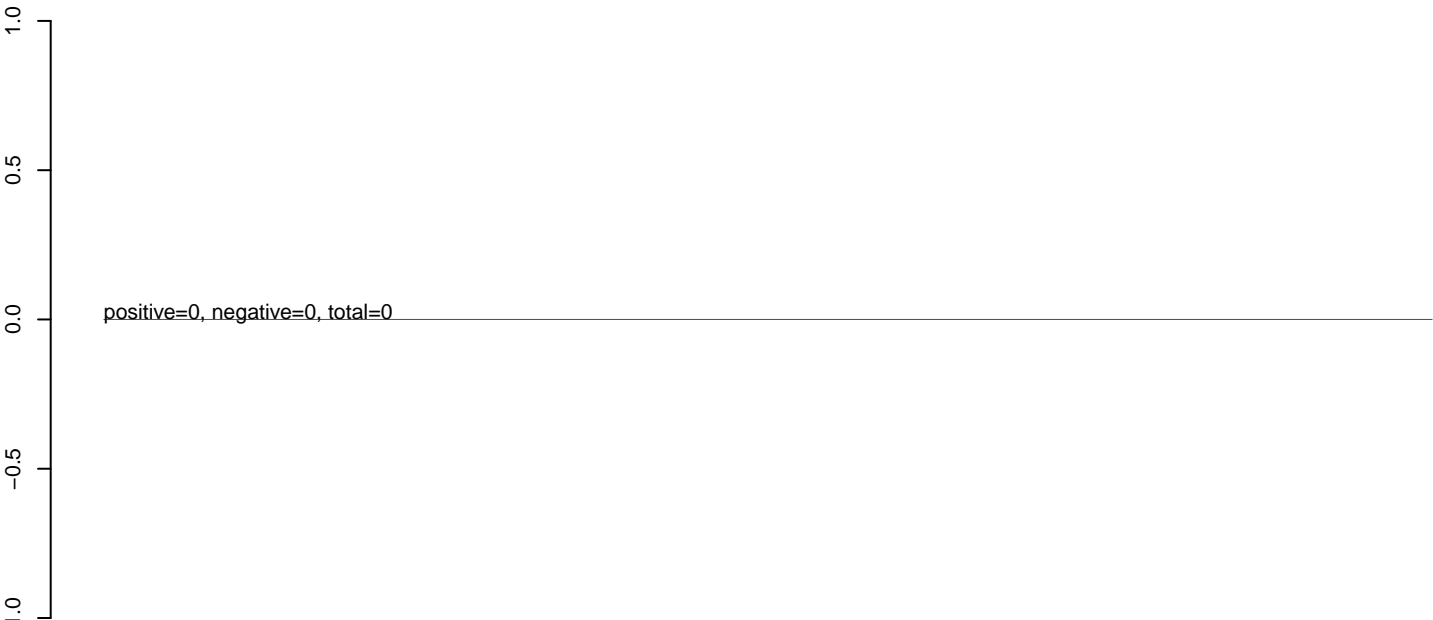
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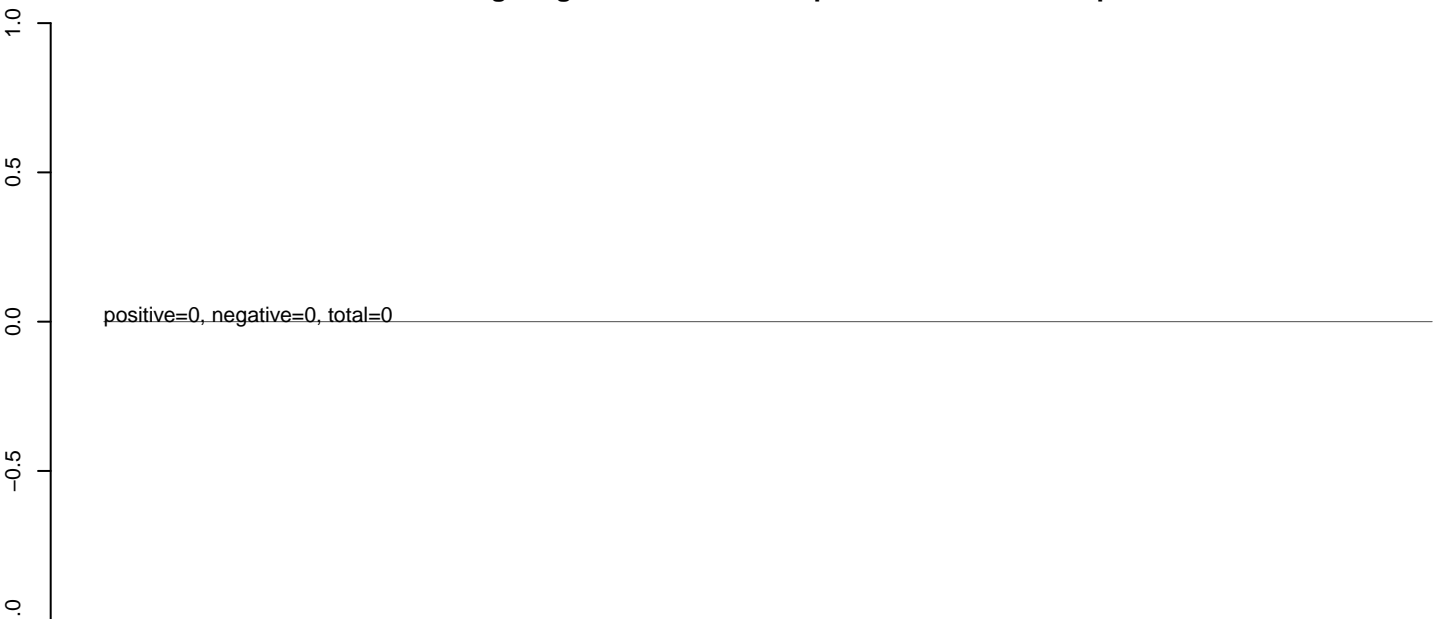
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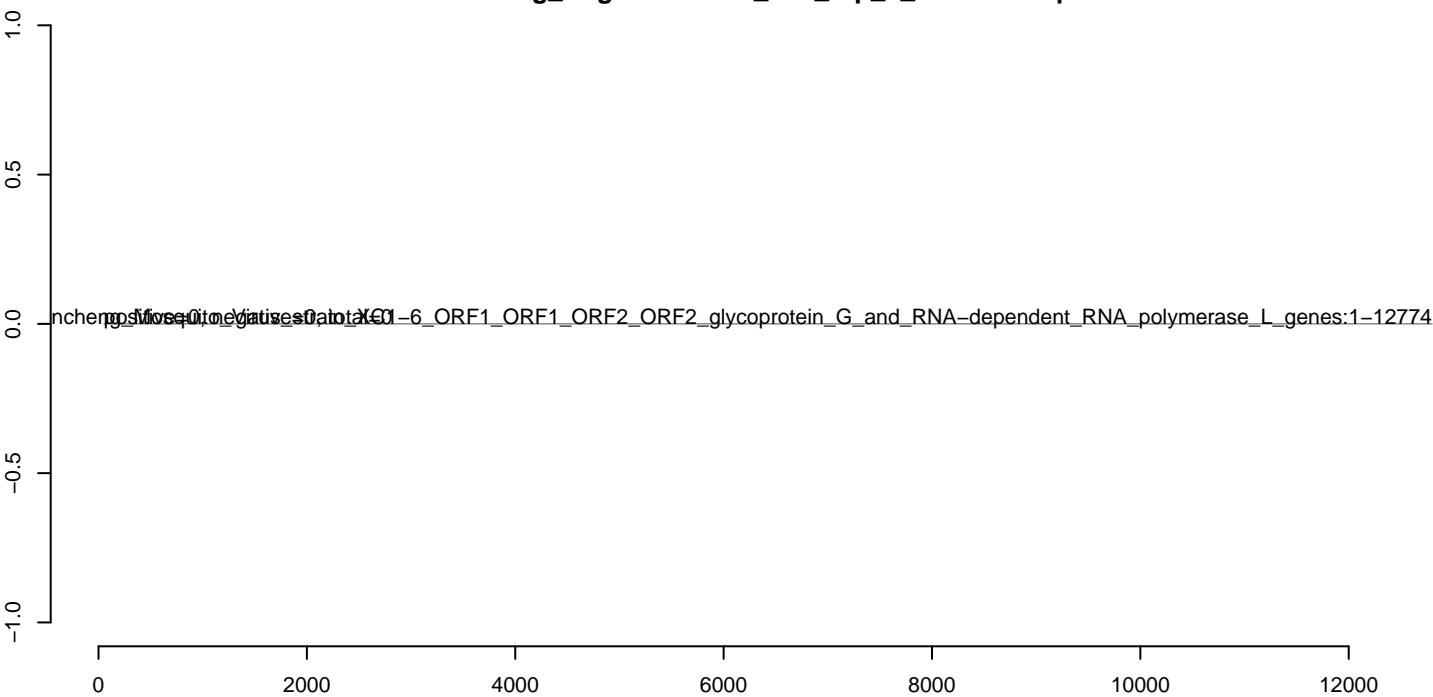
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



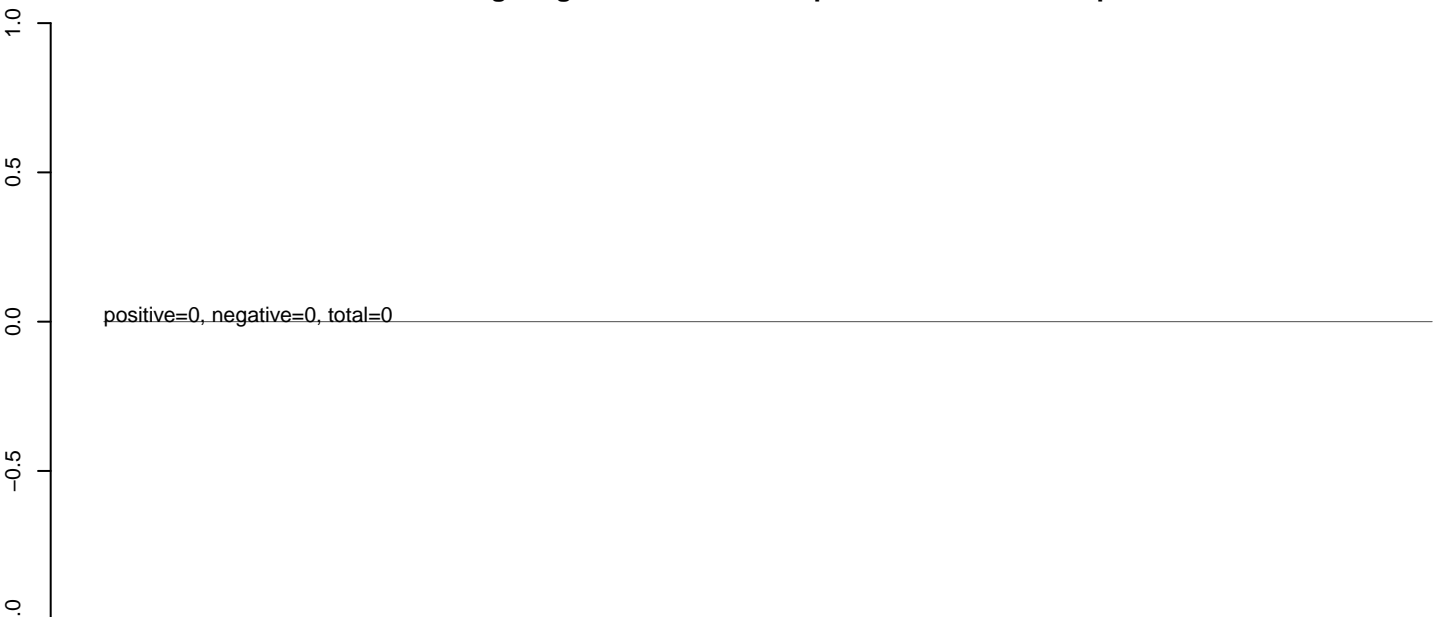
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



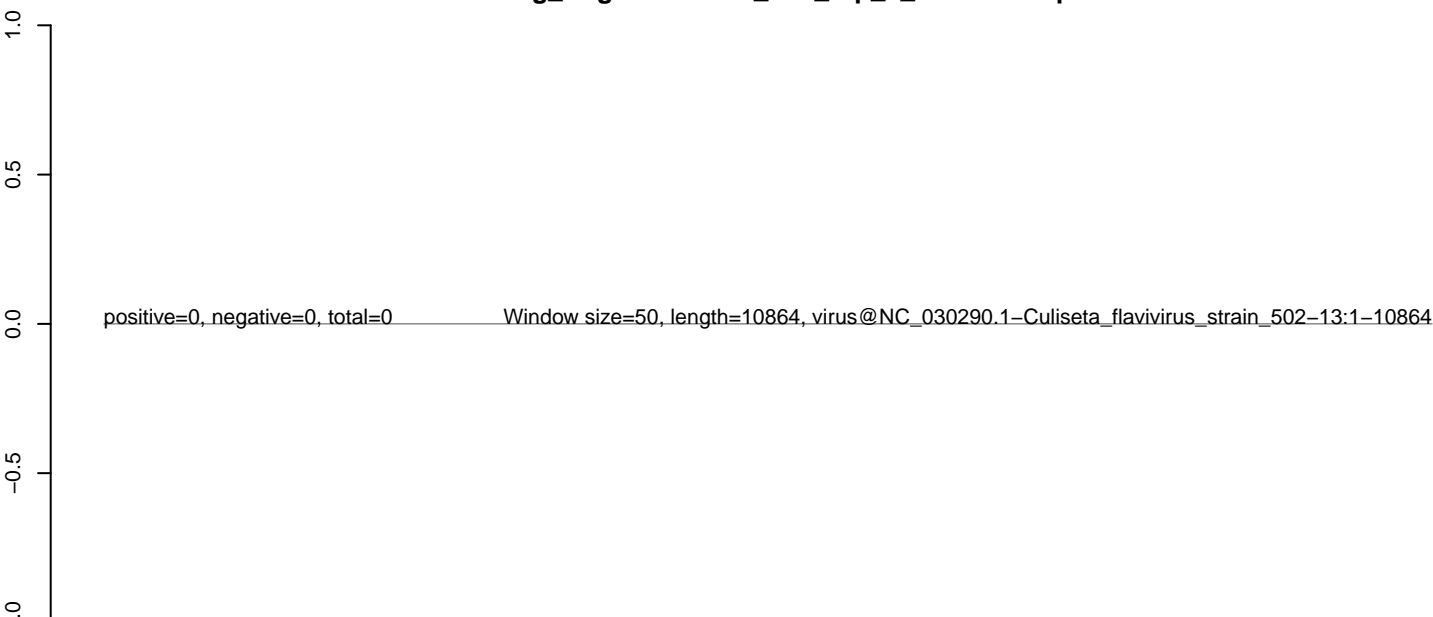
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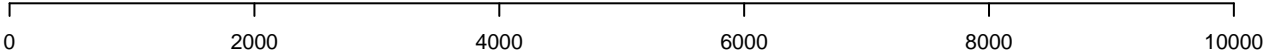
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



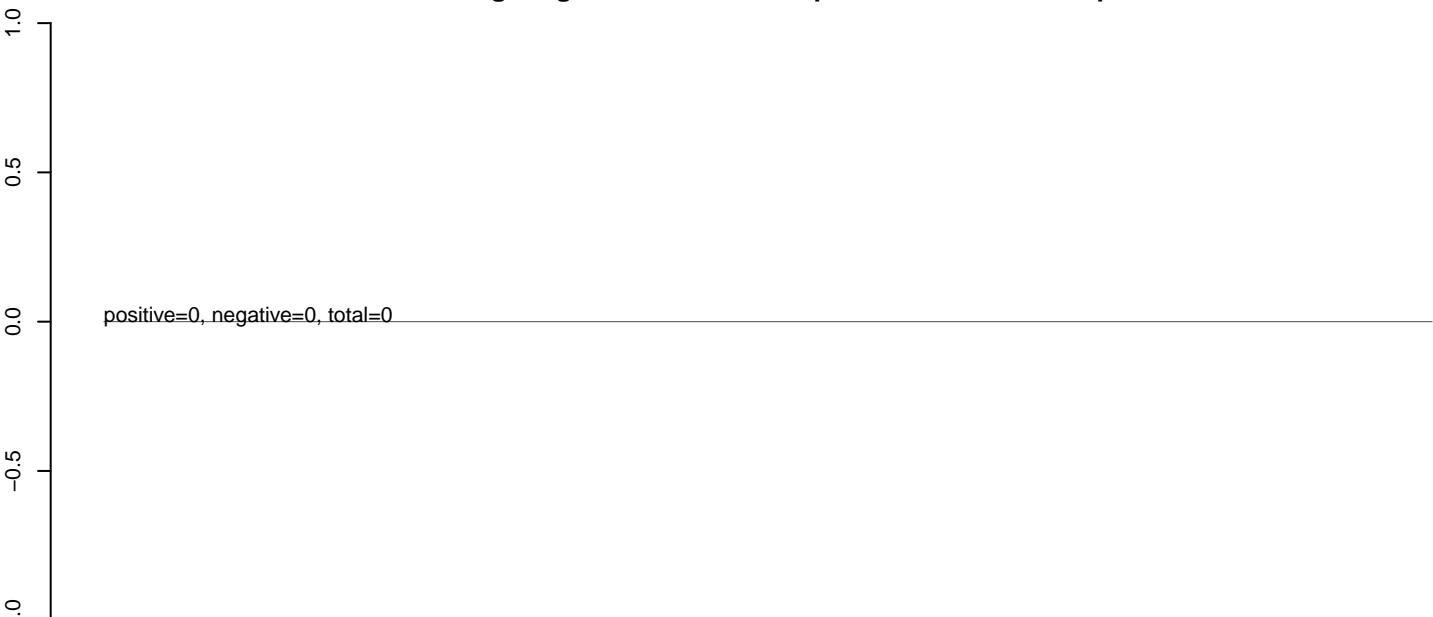
positive=0, negative=0, total=0 Window size=50, length=10864, virus@NC\_030290.1-Culiseta\_flavivirus\_strain\_502-13:1-10864



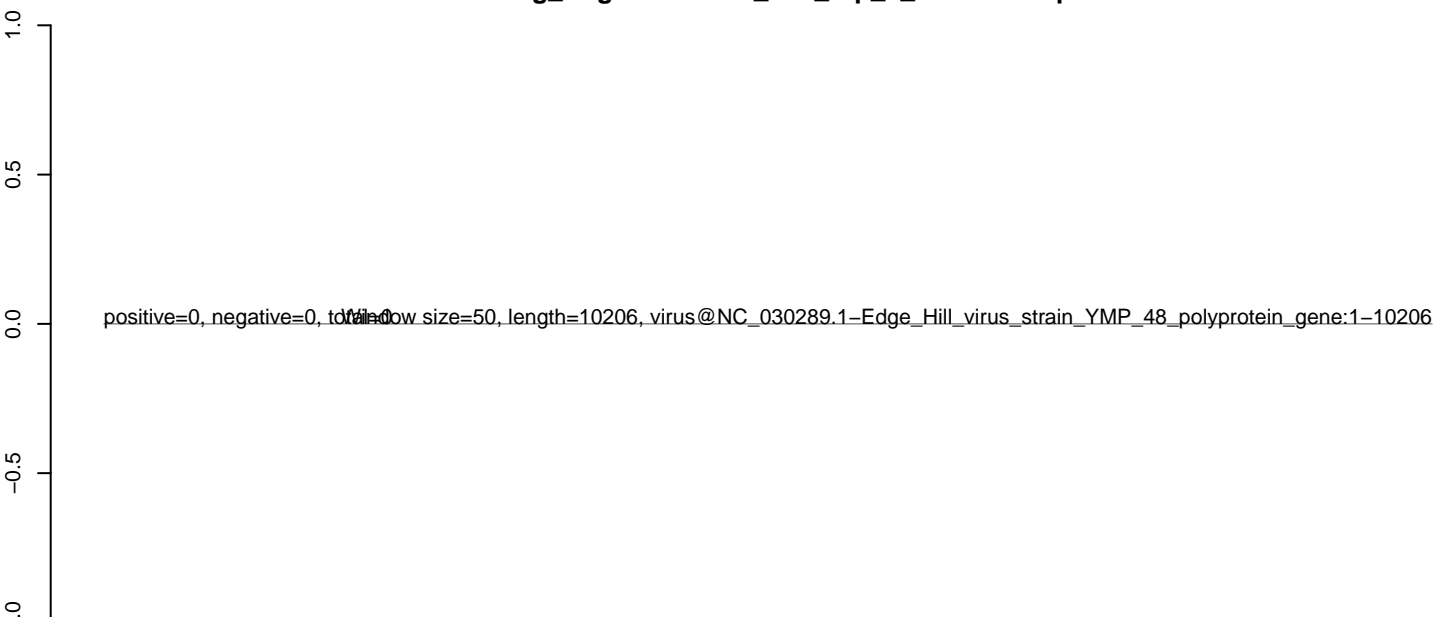
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

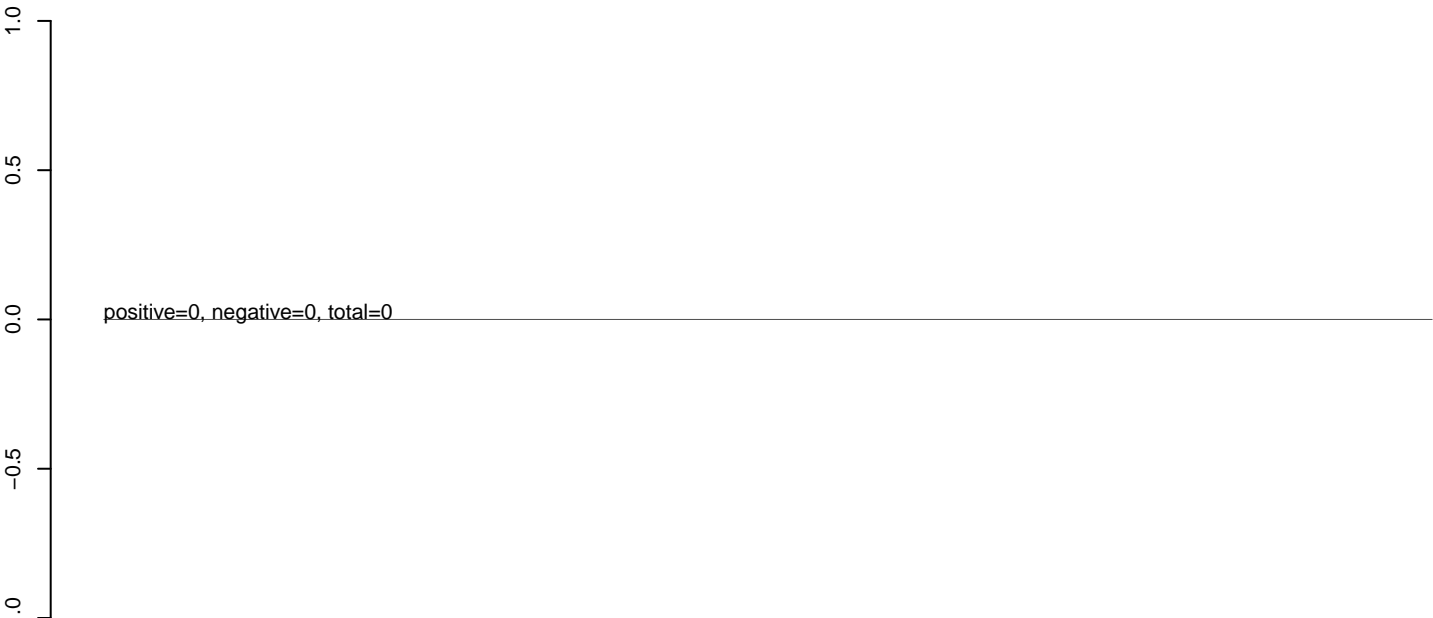


**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

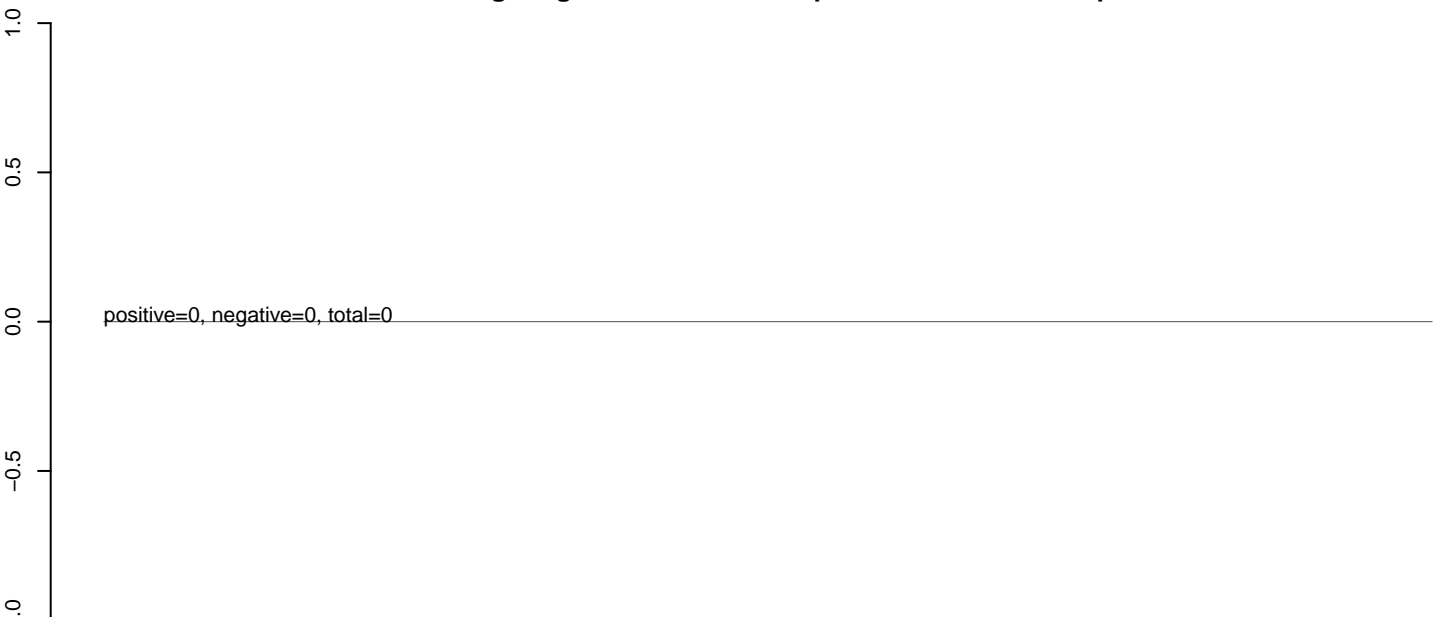




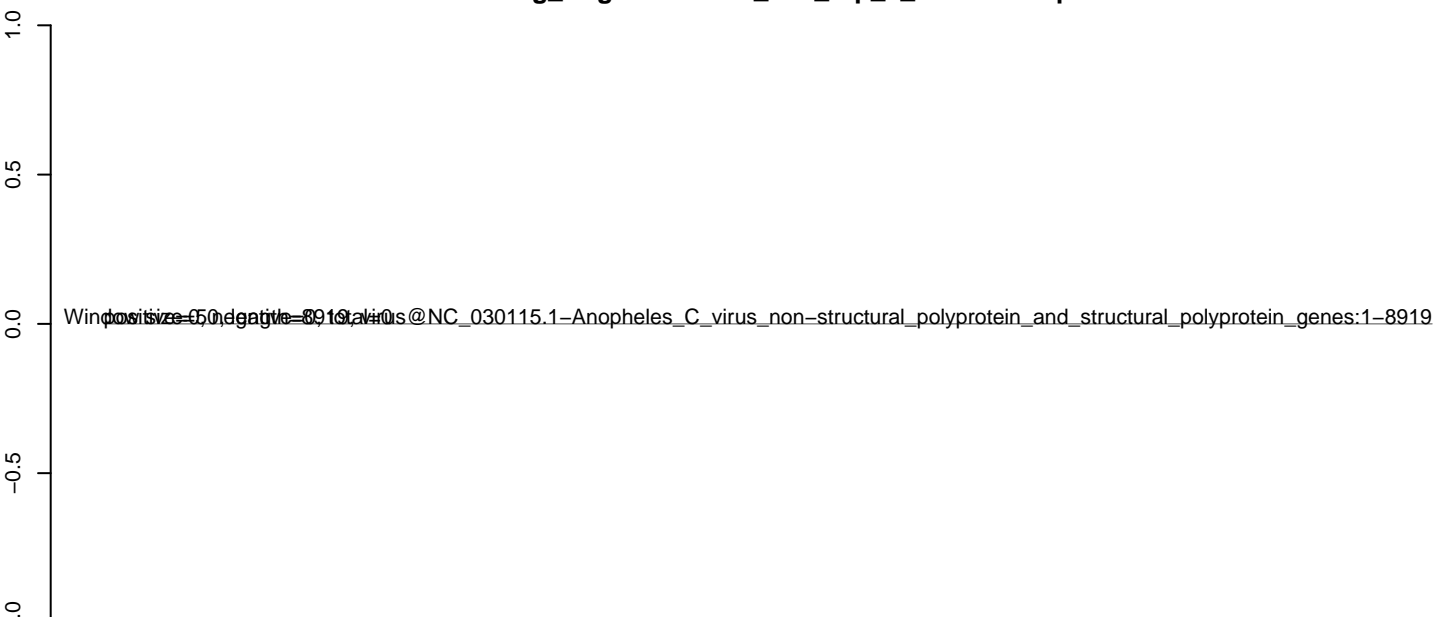
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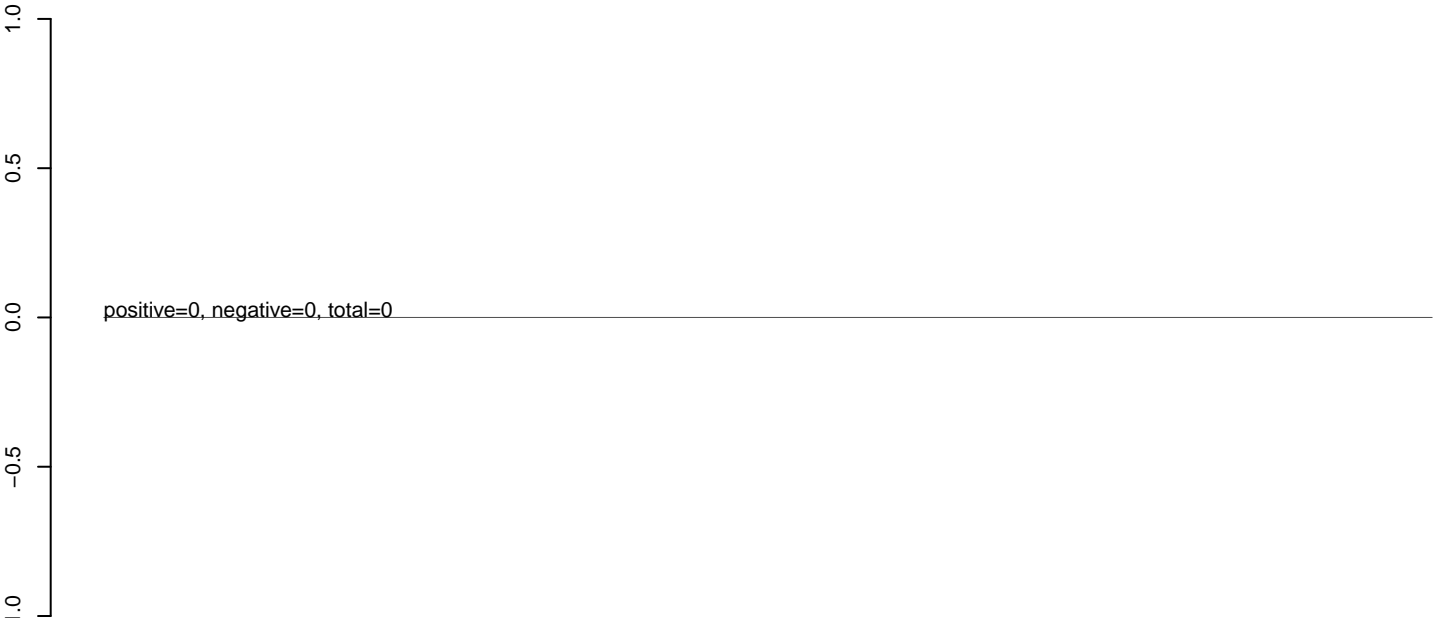


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

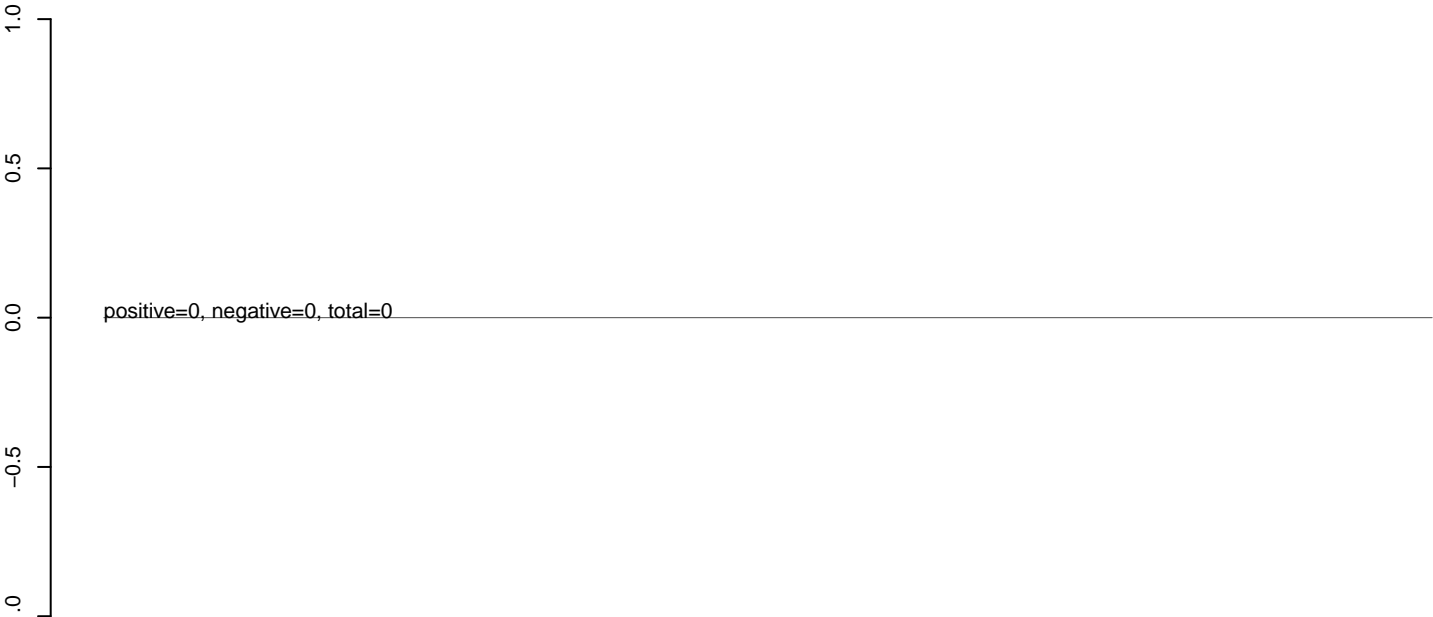


Window size=50, negative=8919, virus@NC\_030115.1-Anopheles\_C\_virus\_non-structural\_polyprotein\_and\_structural\_polyprotein\_genes:1-8919

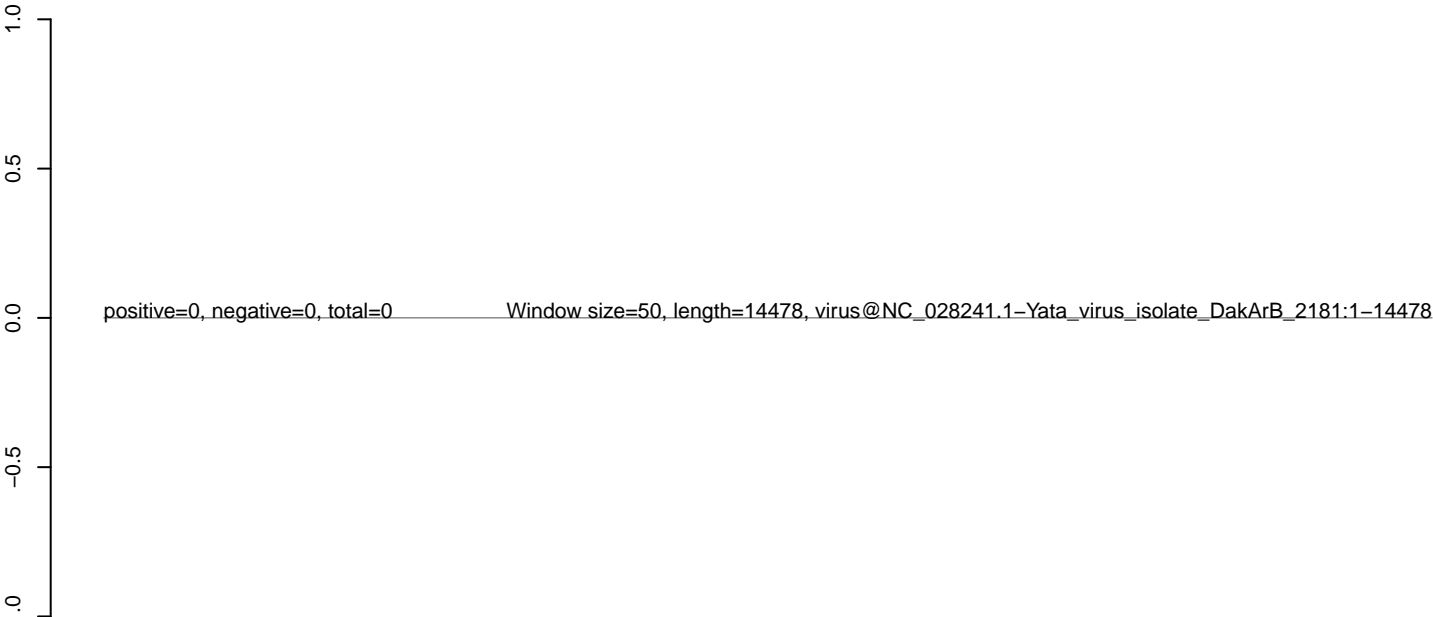
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

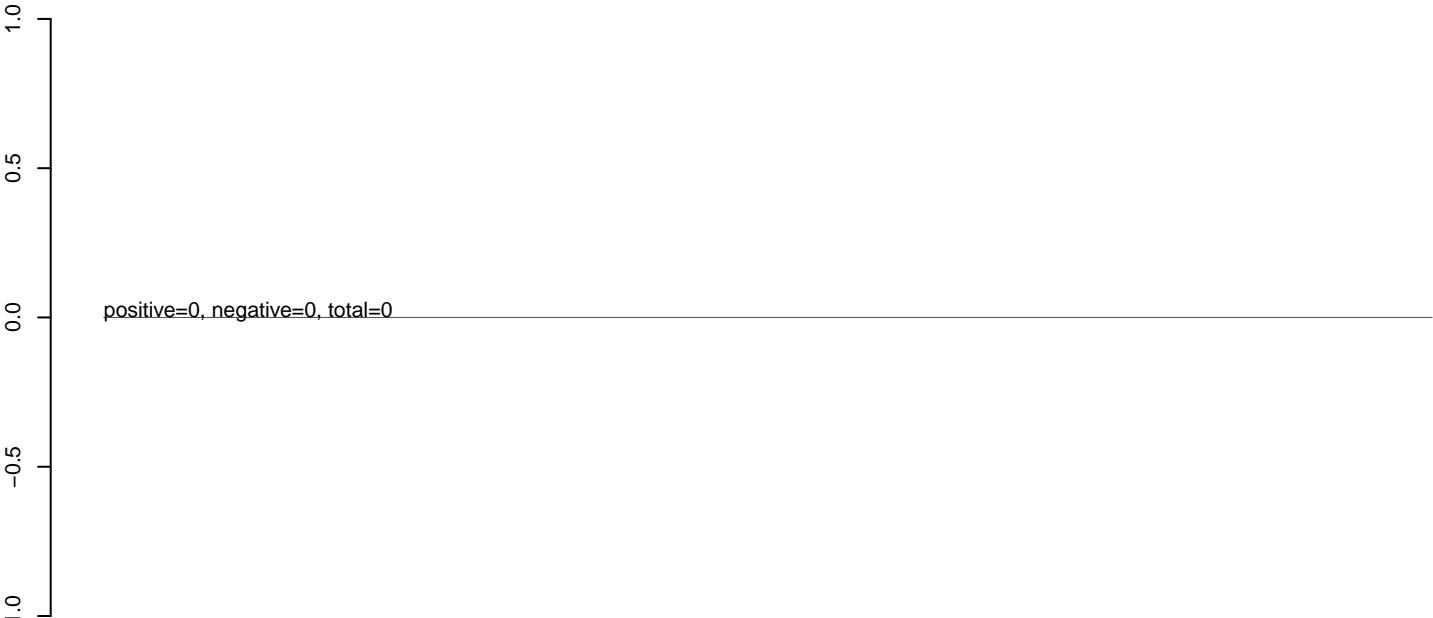


**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

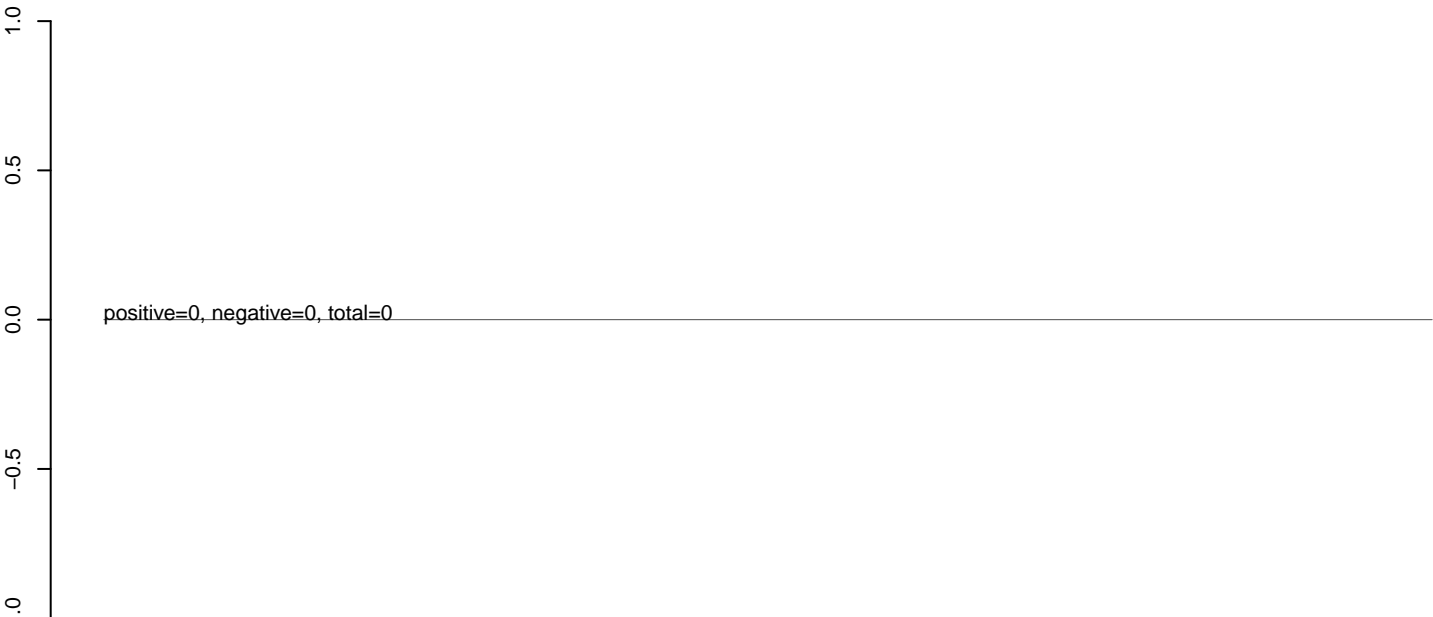


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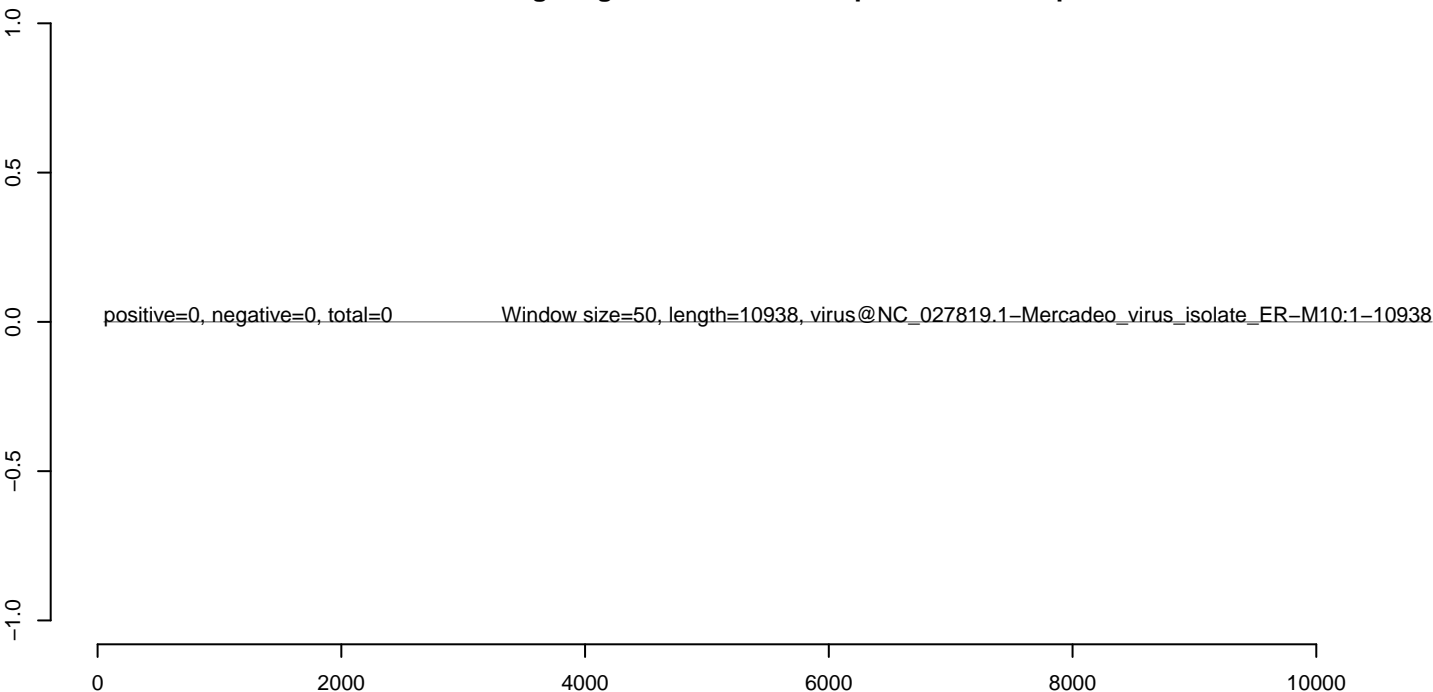
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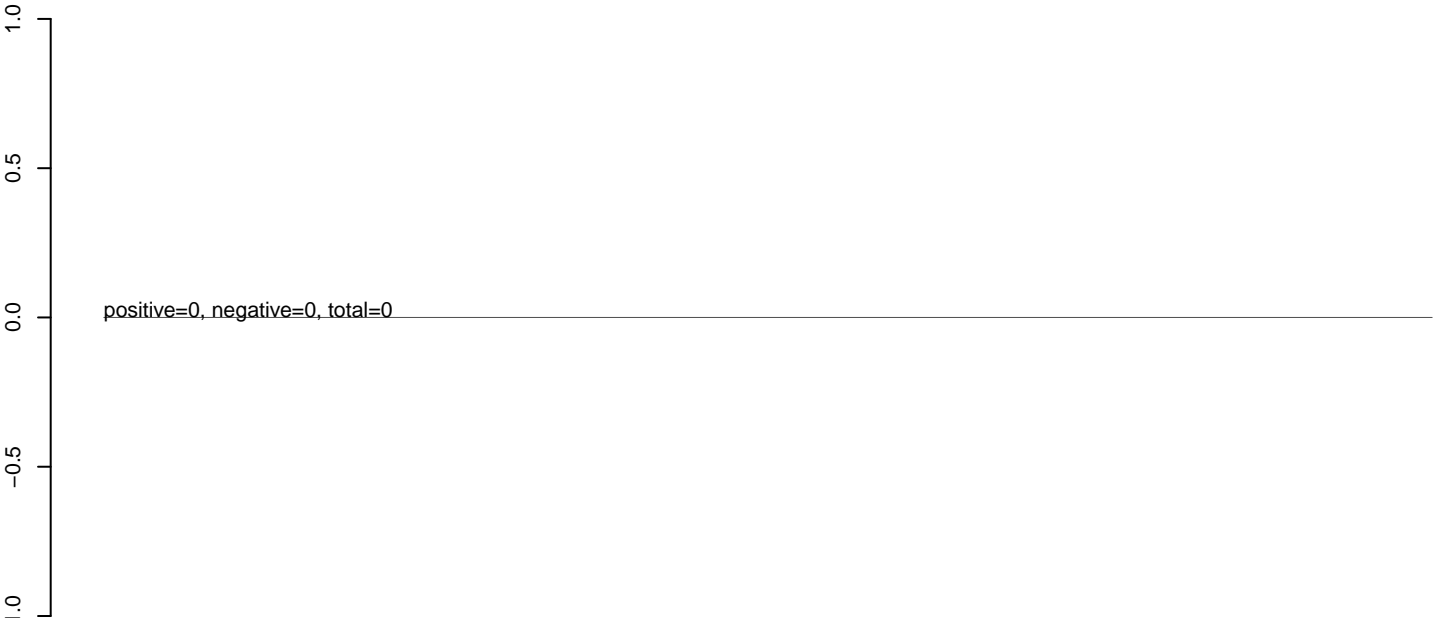
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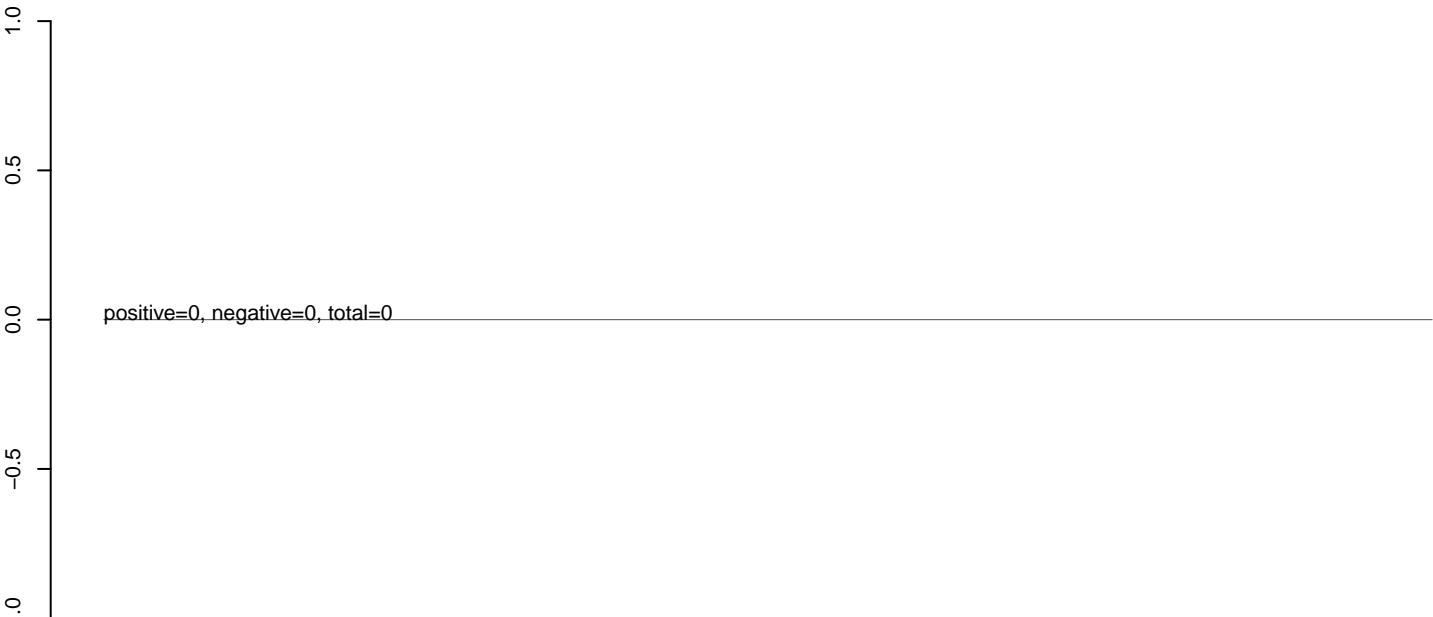
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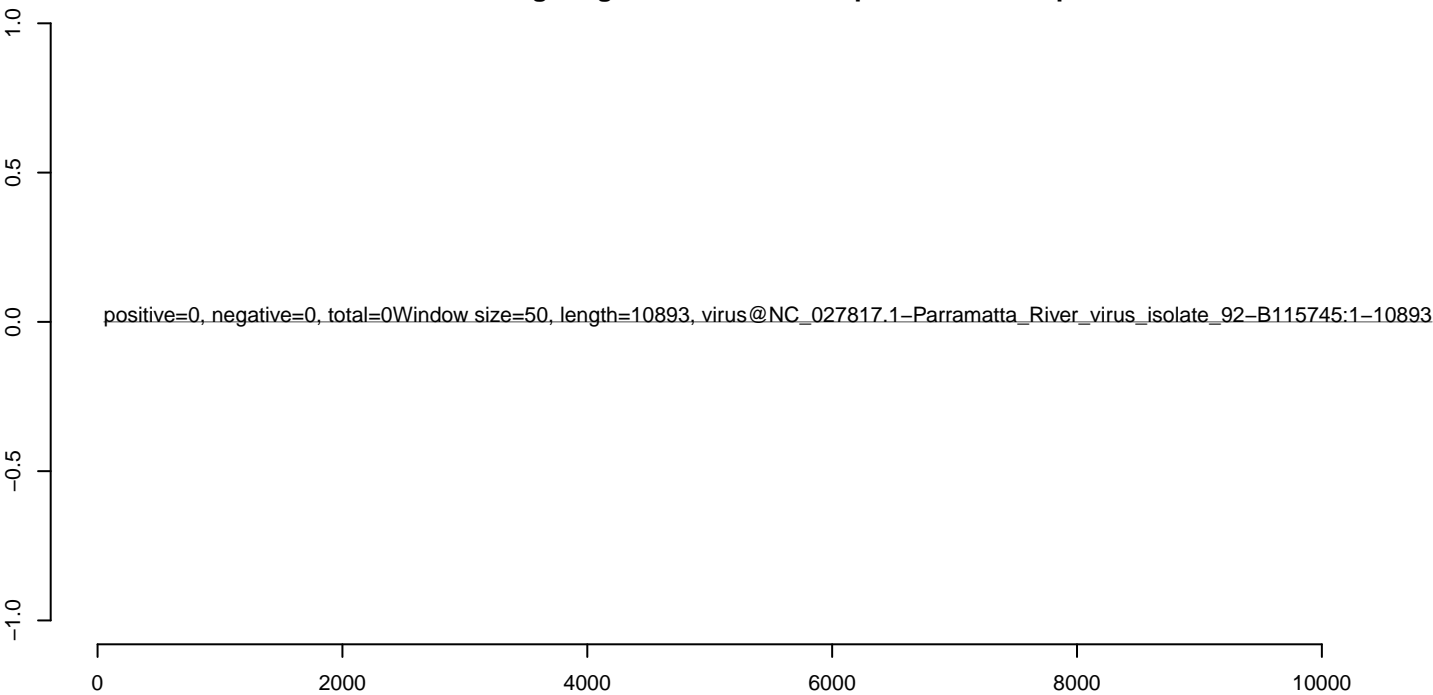
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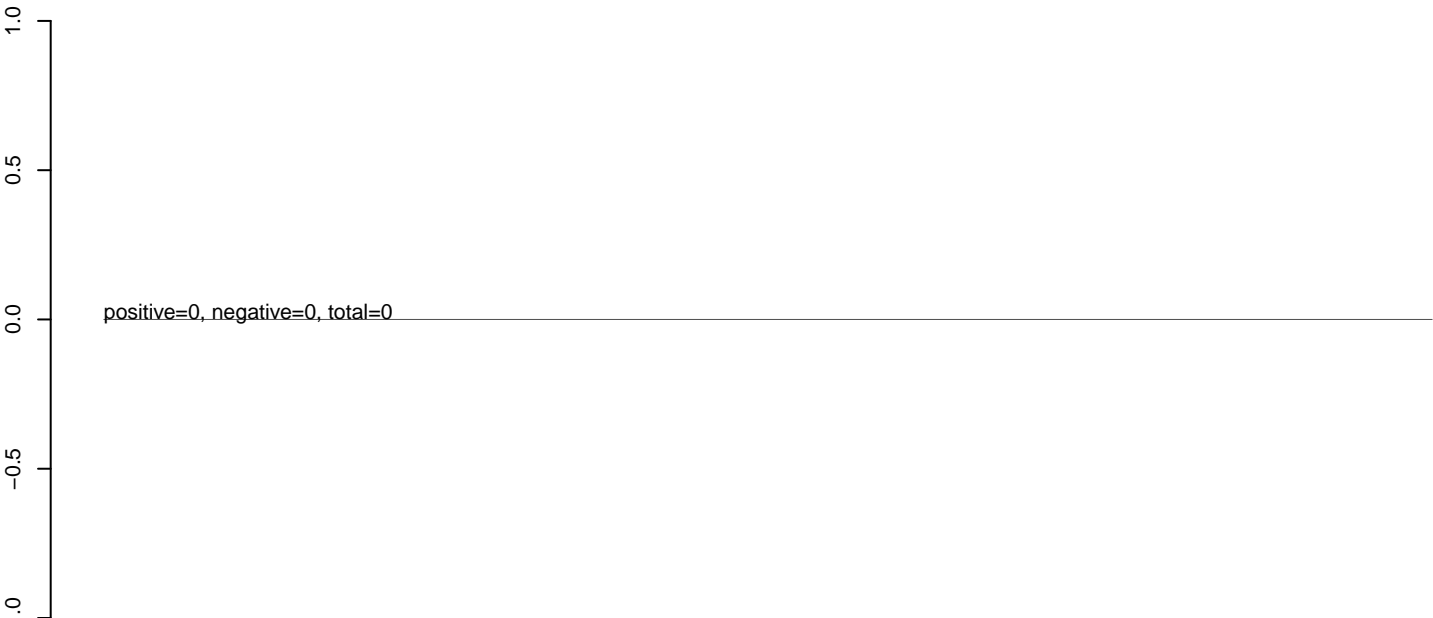
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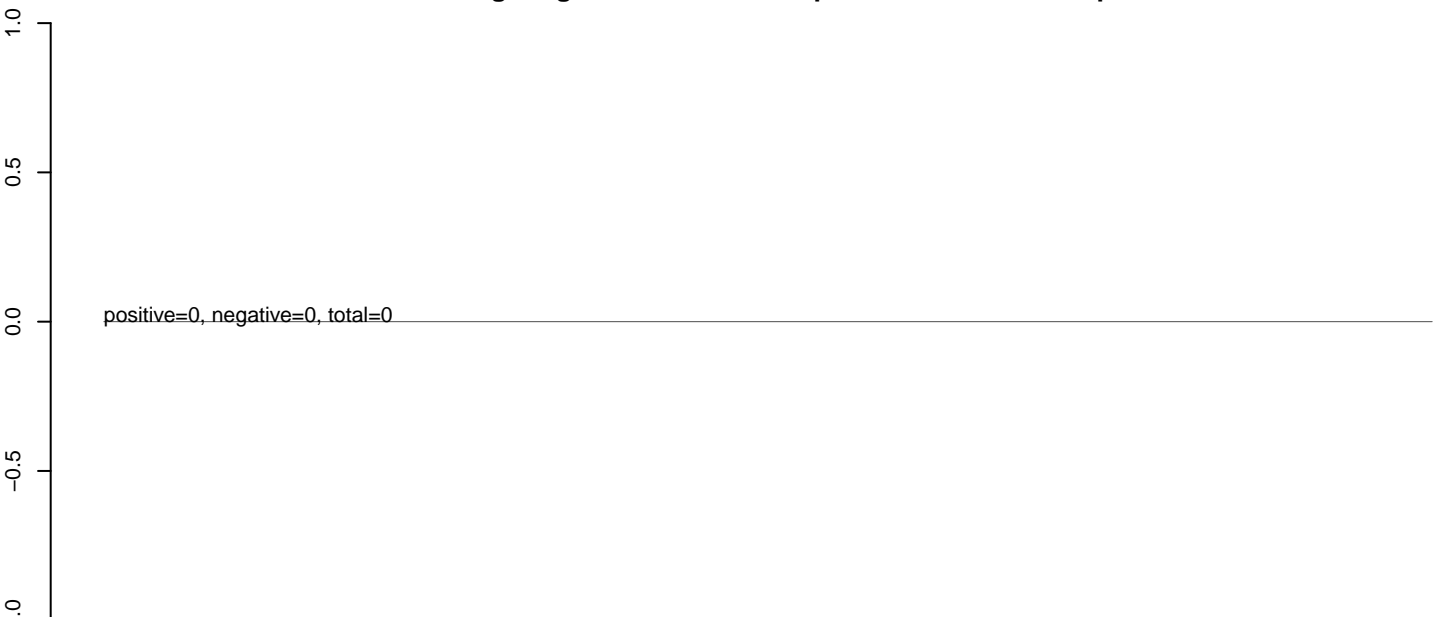
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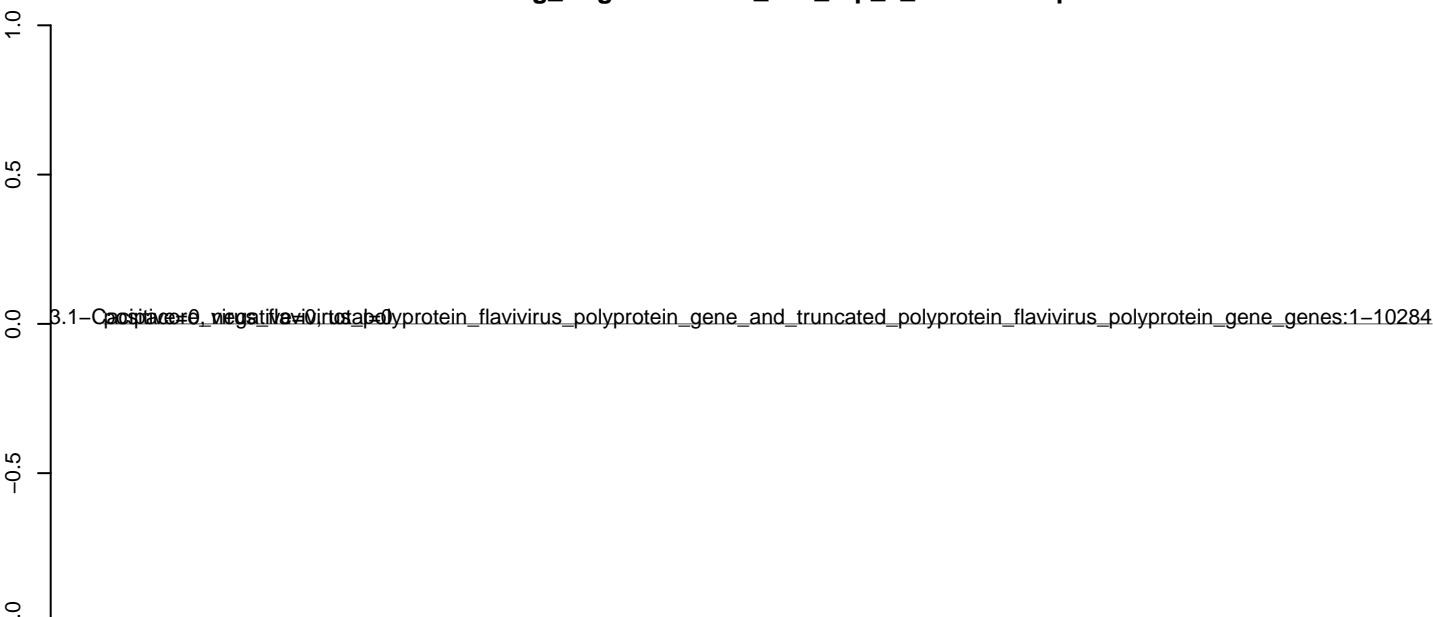
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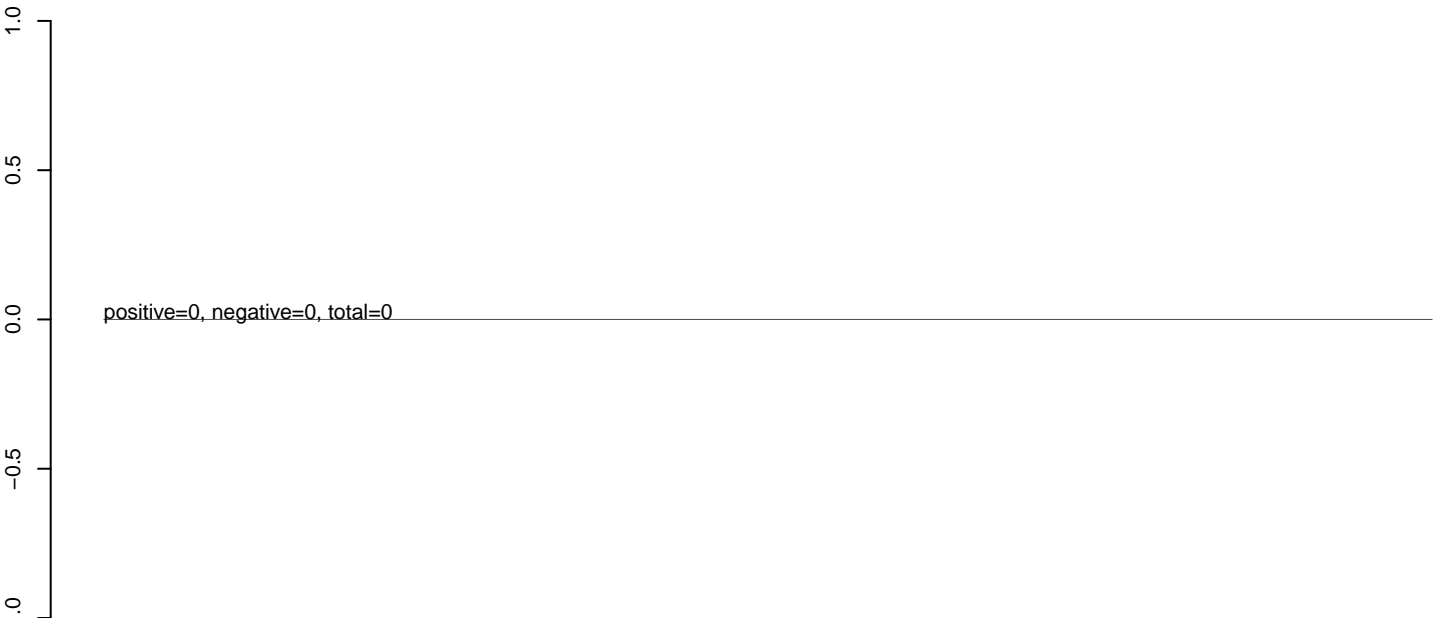


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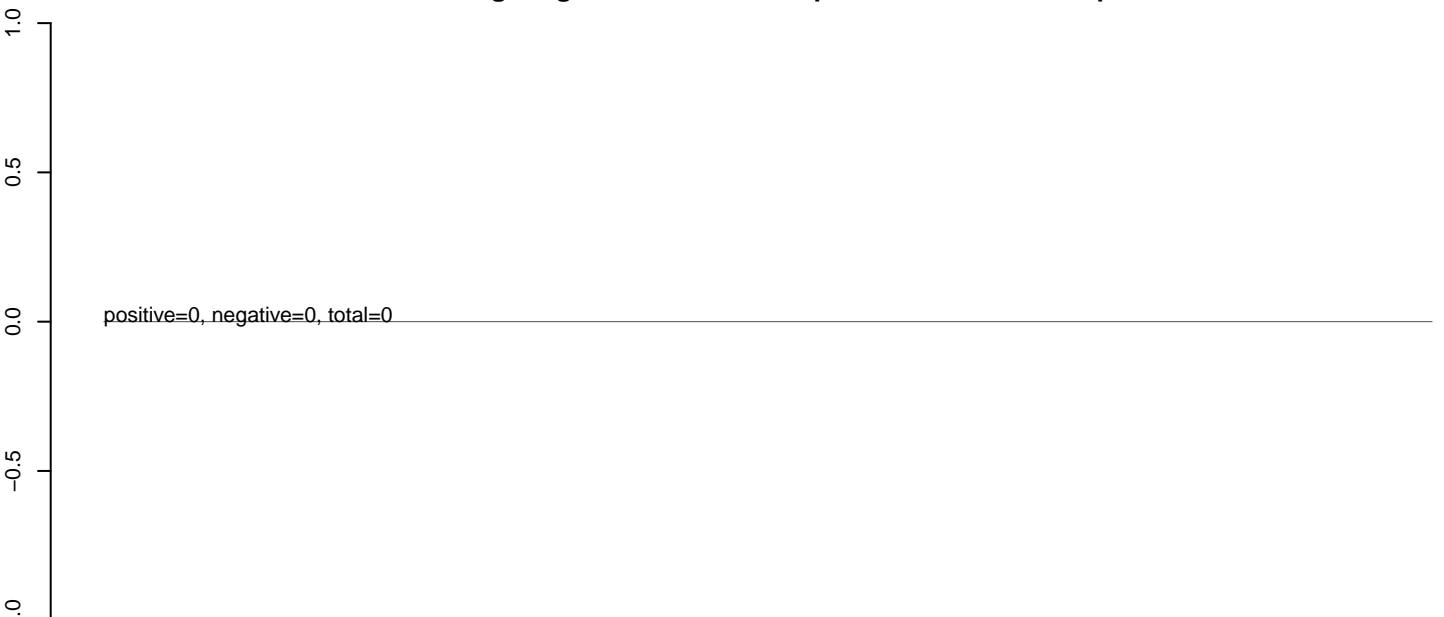


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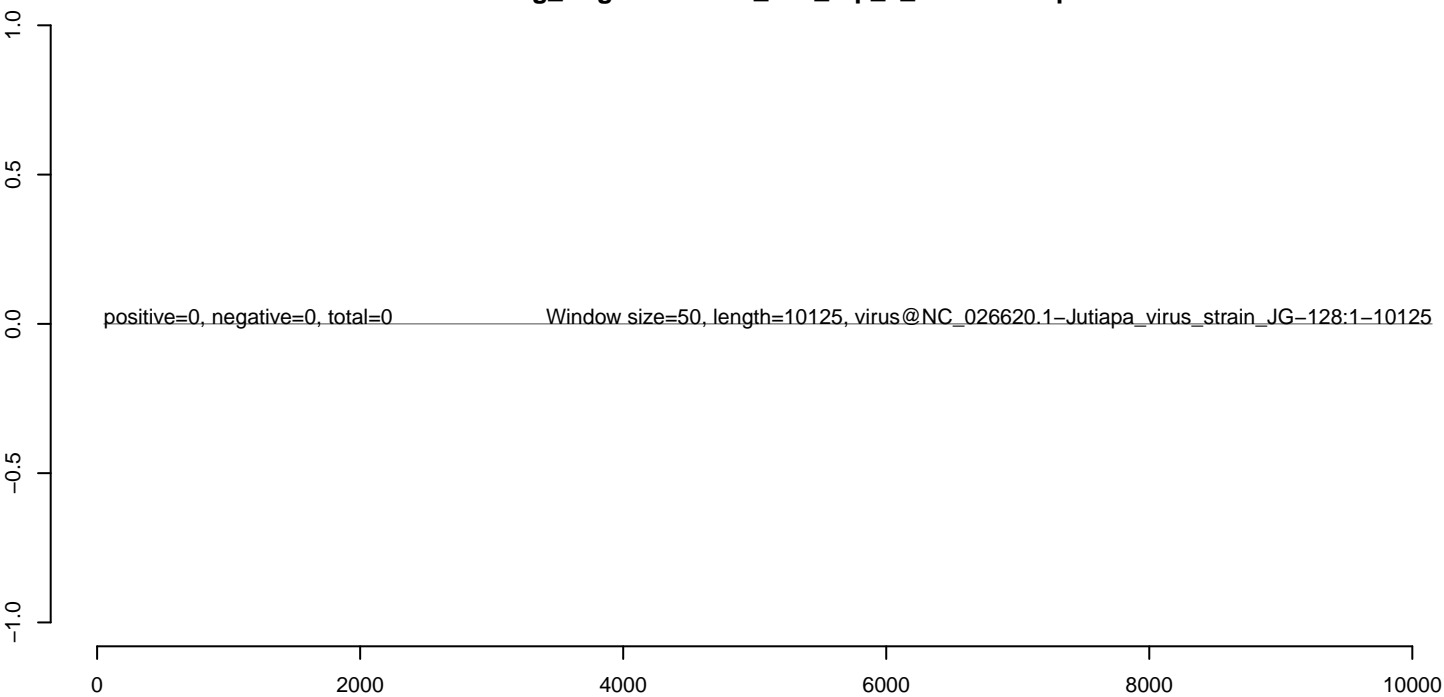
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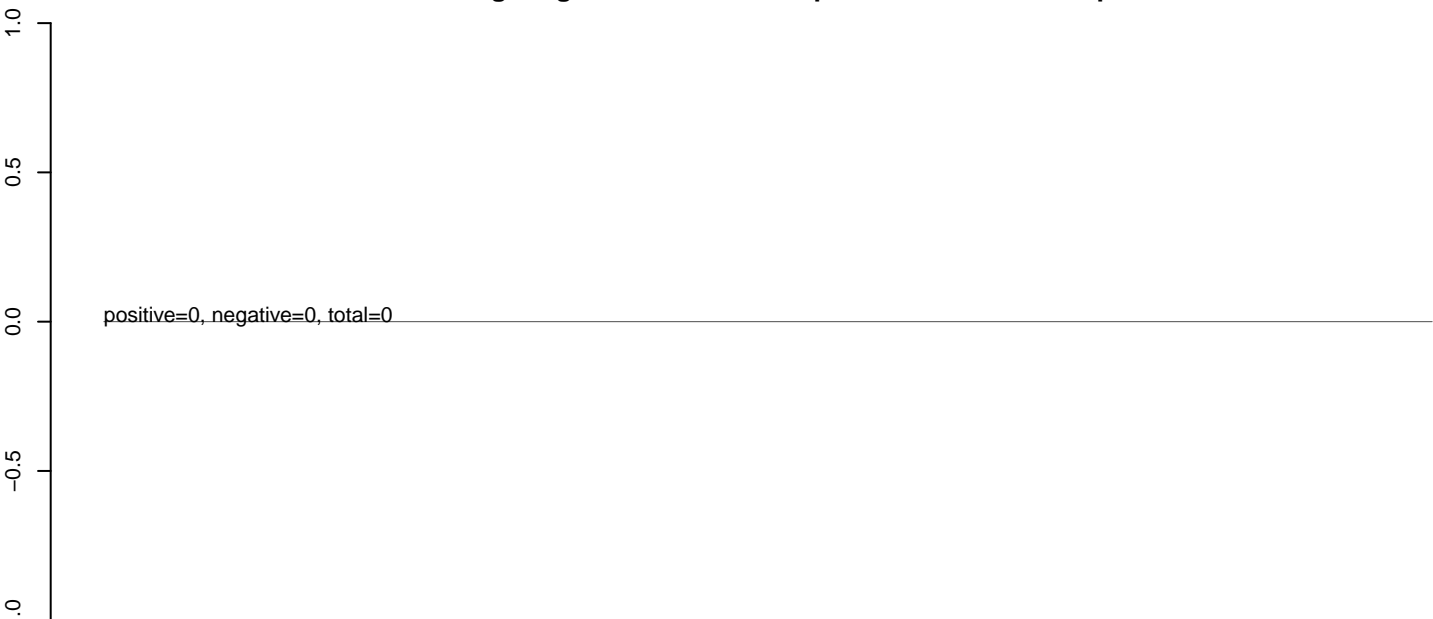
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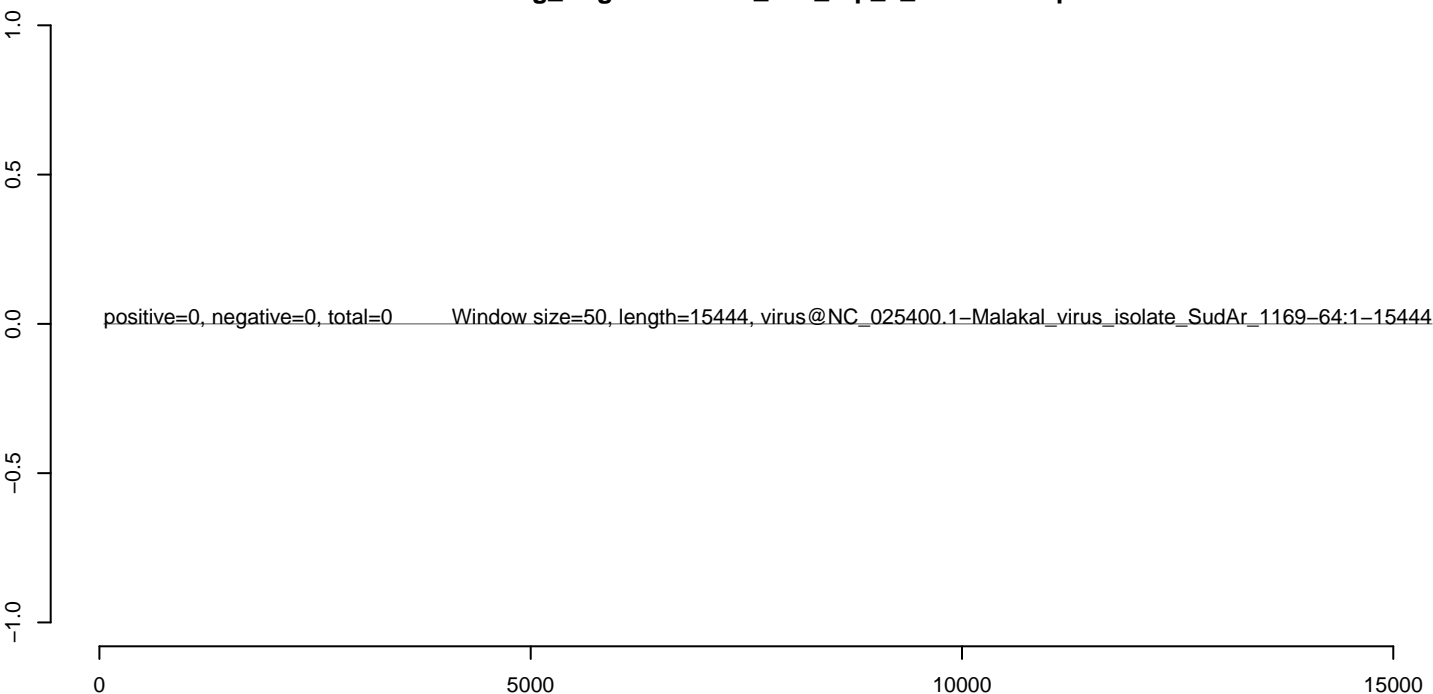
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



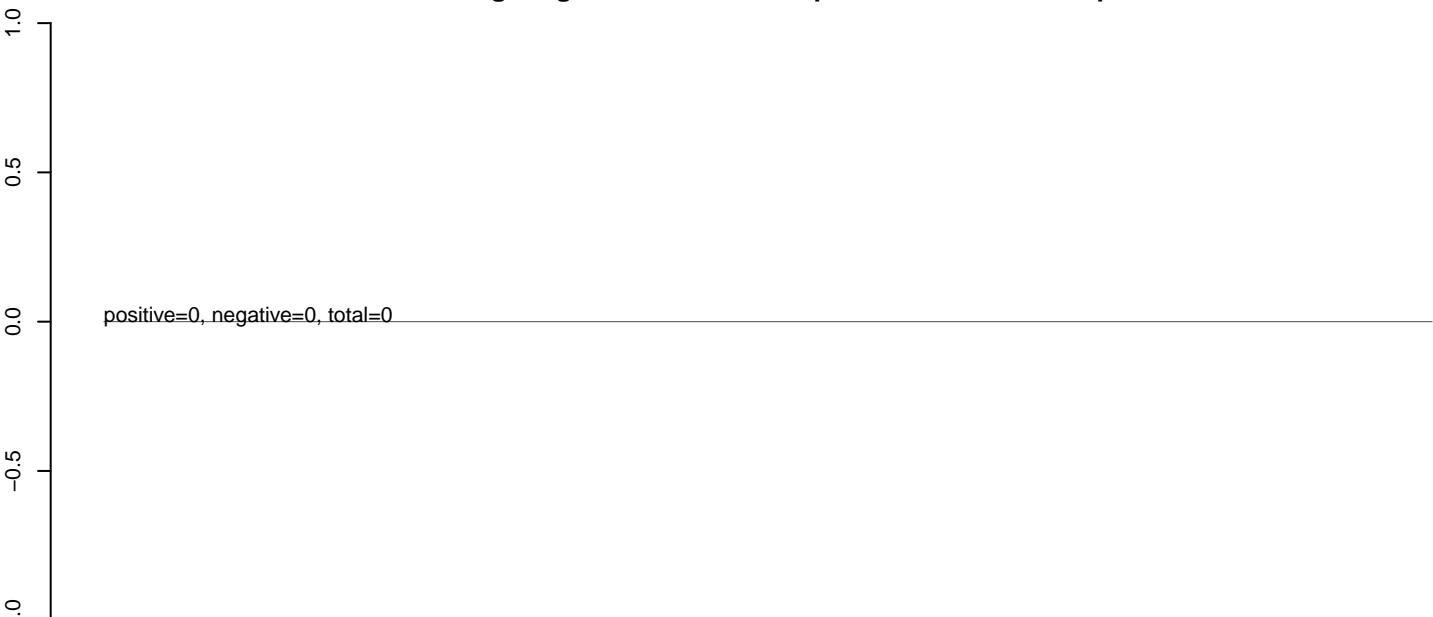
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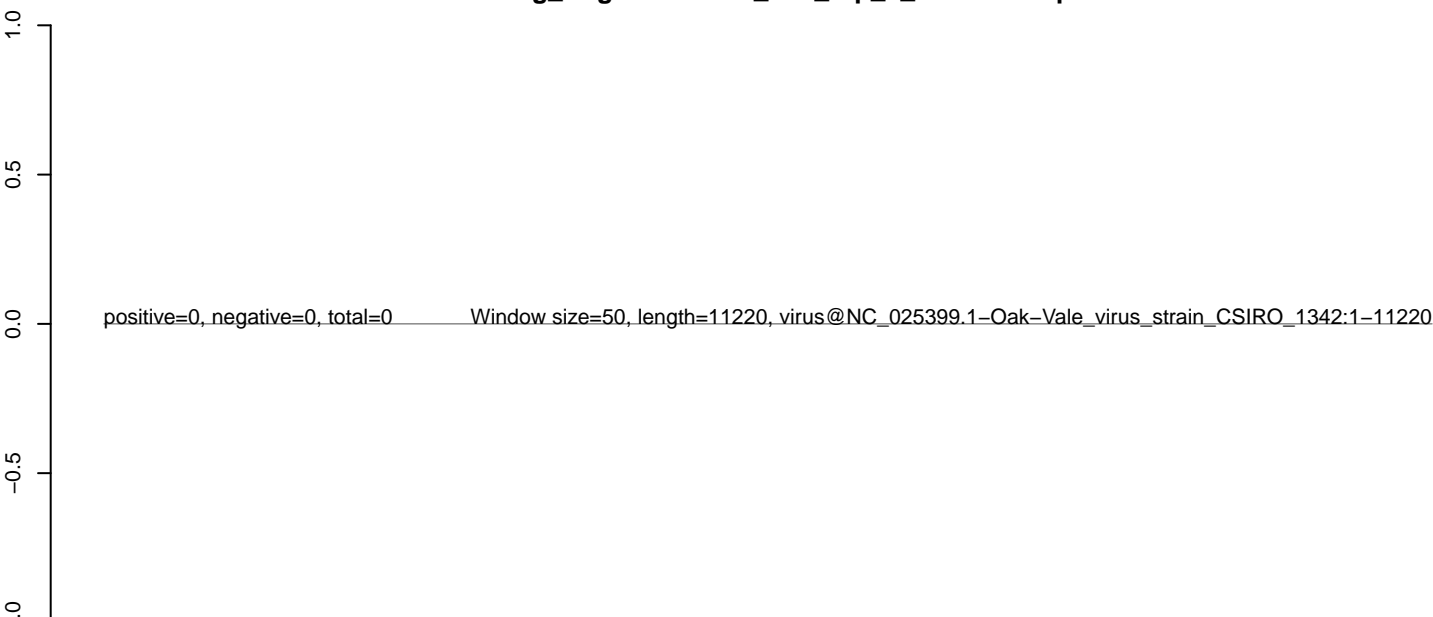
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

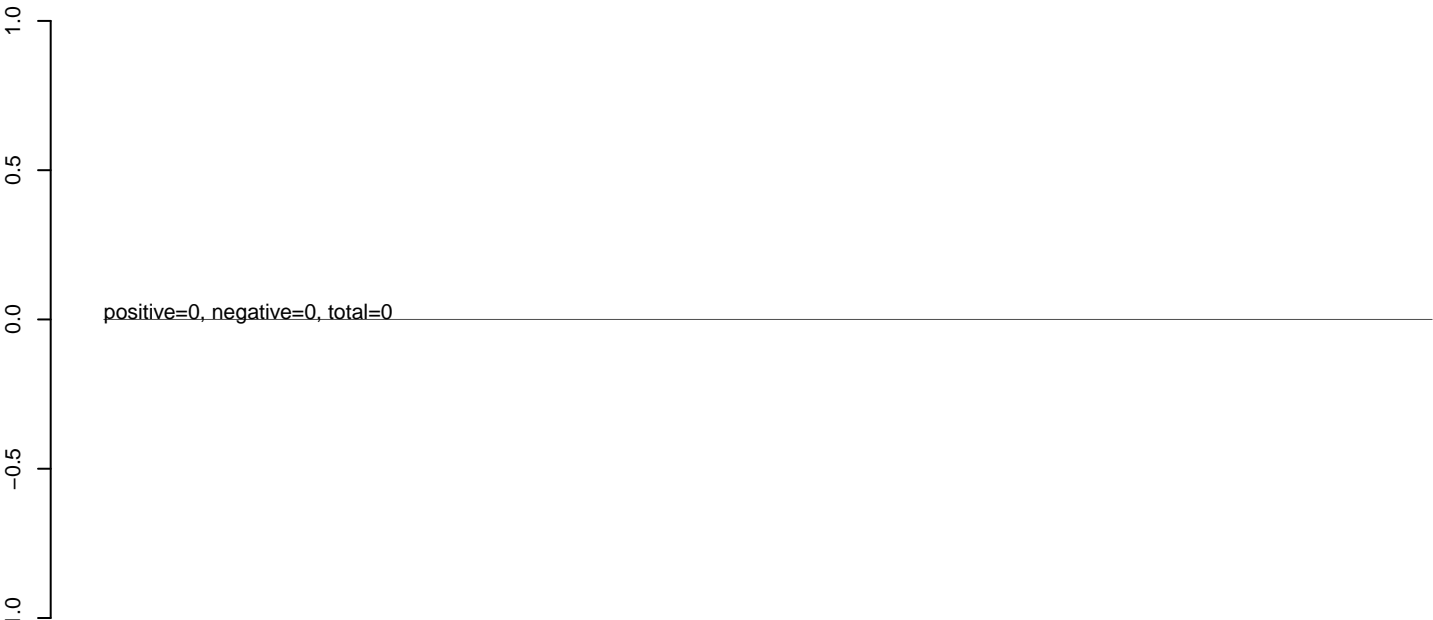


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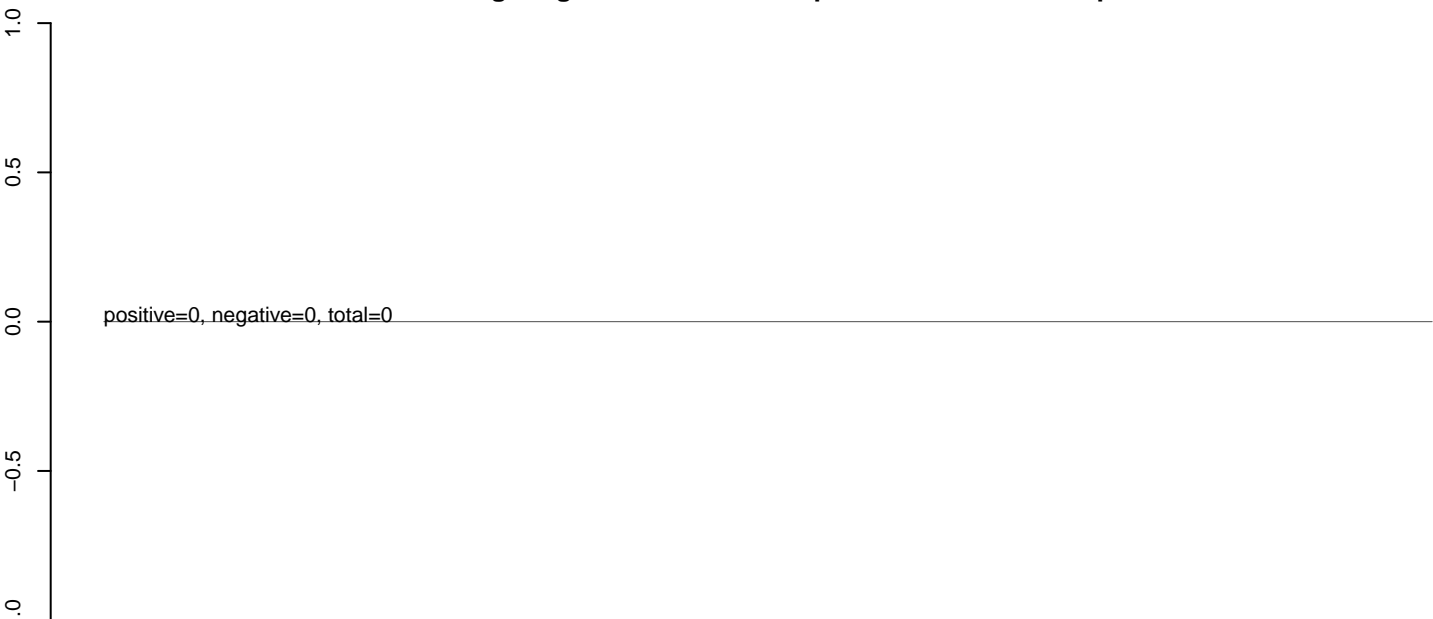




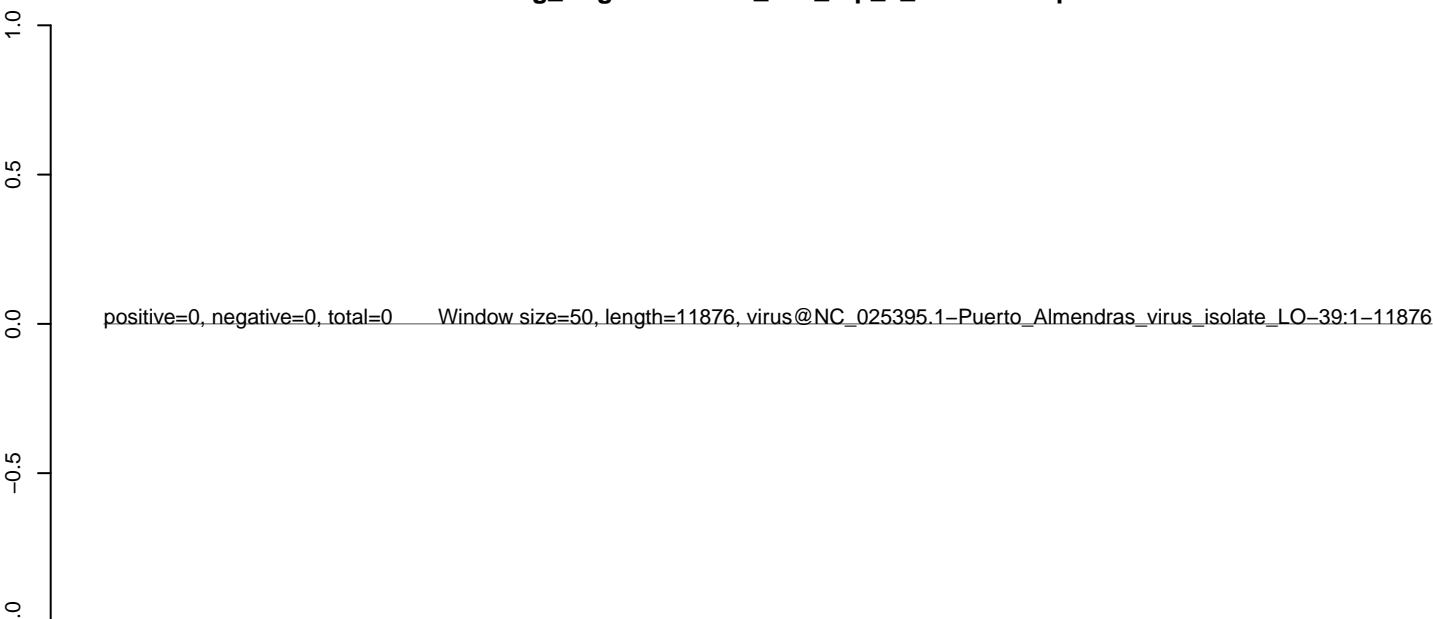
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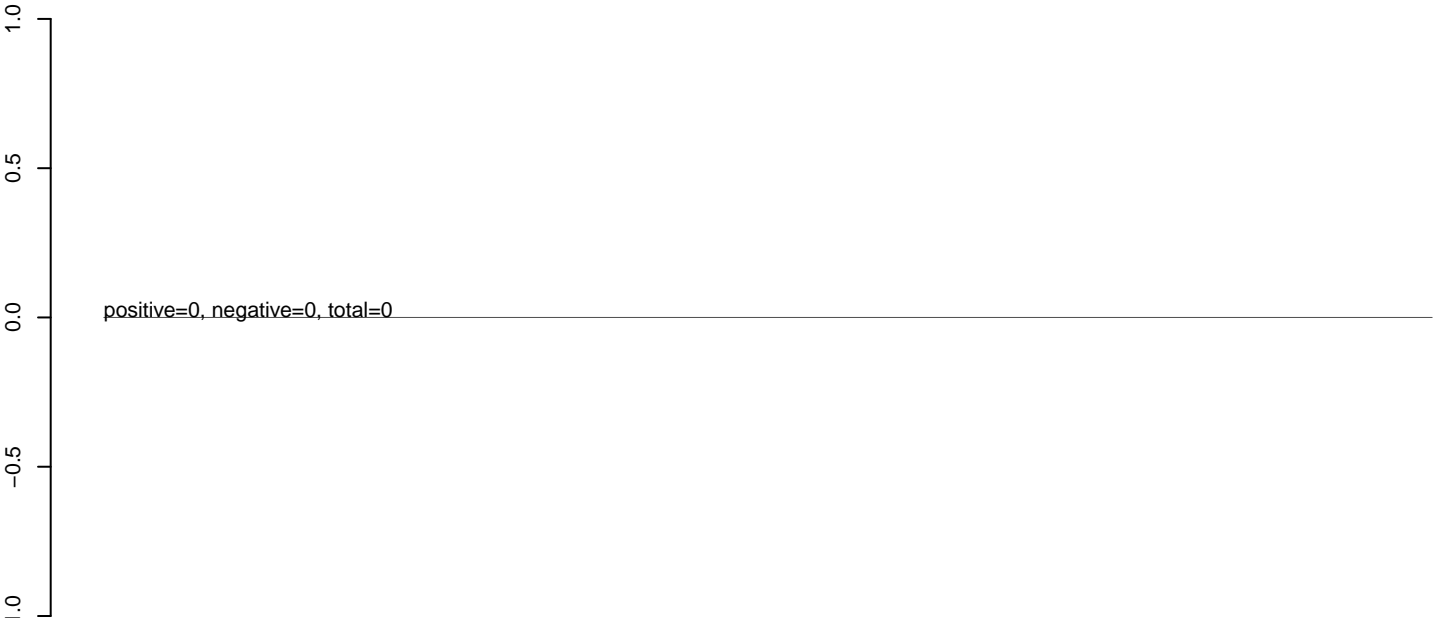
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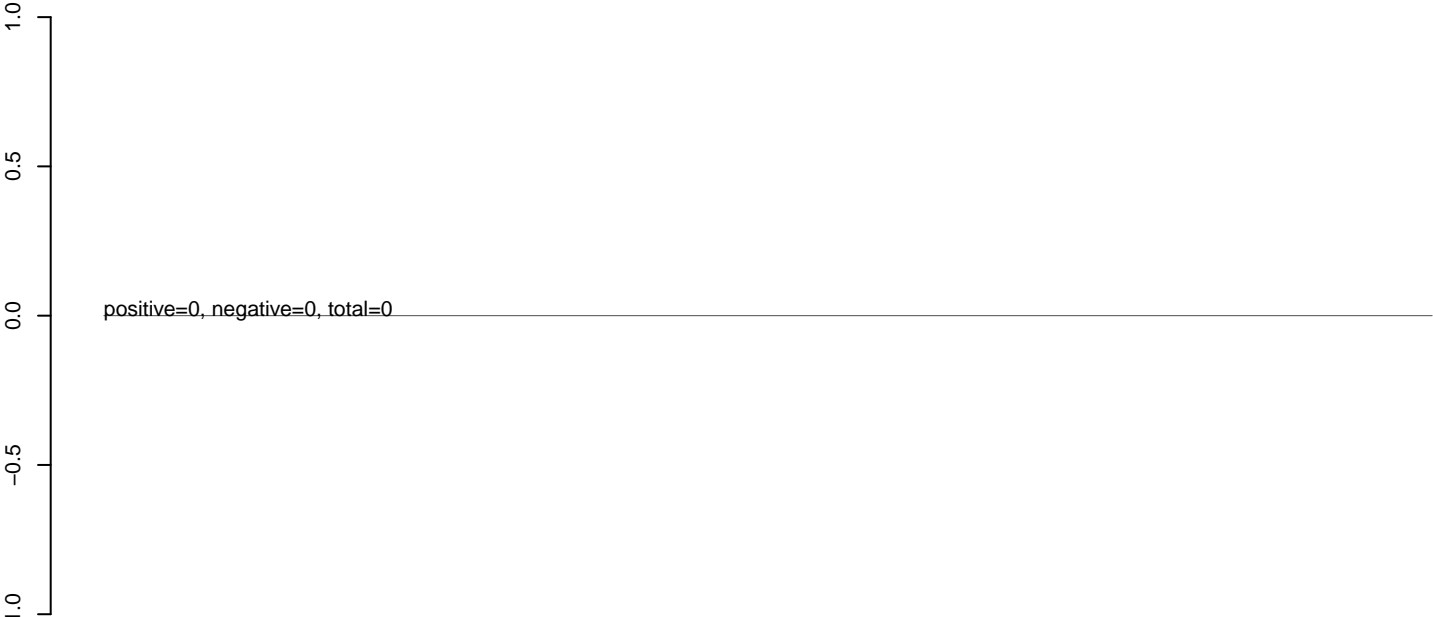
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

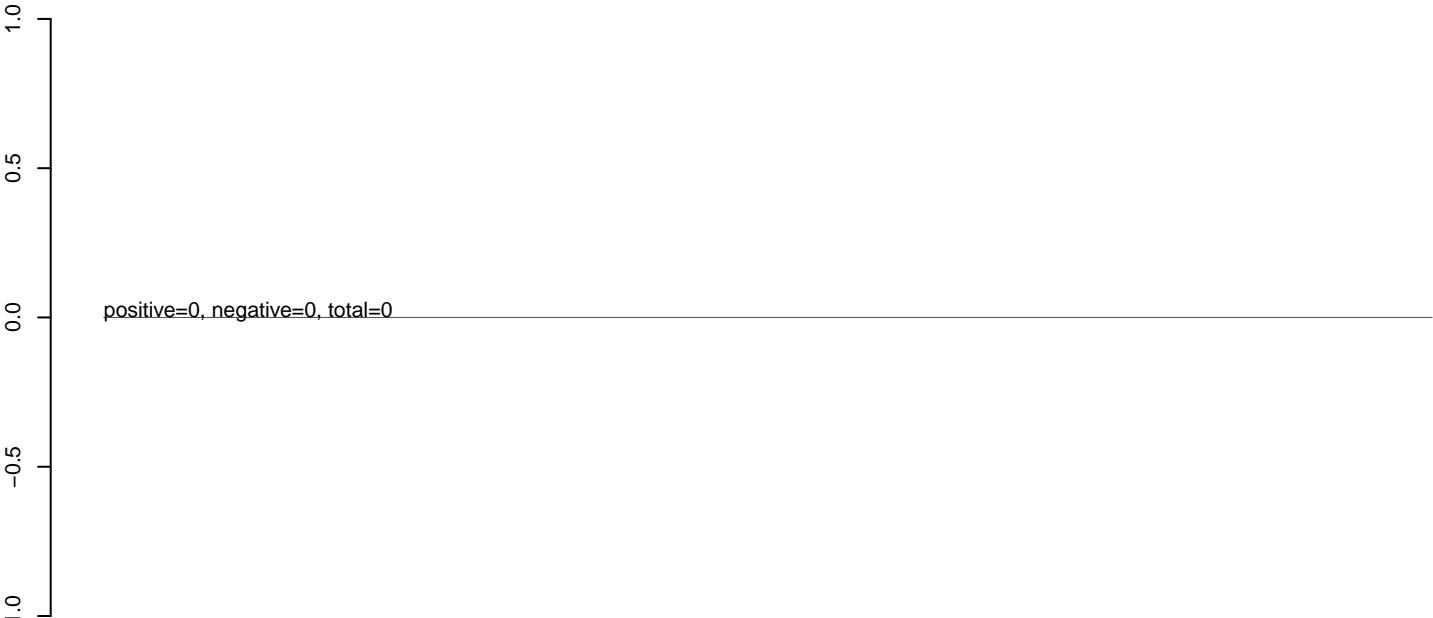


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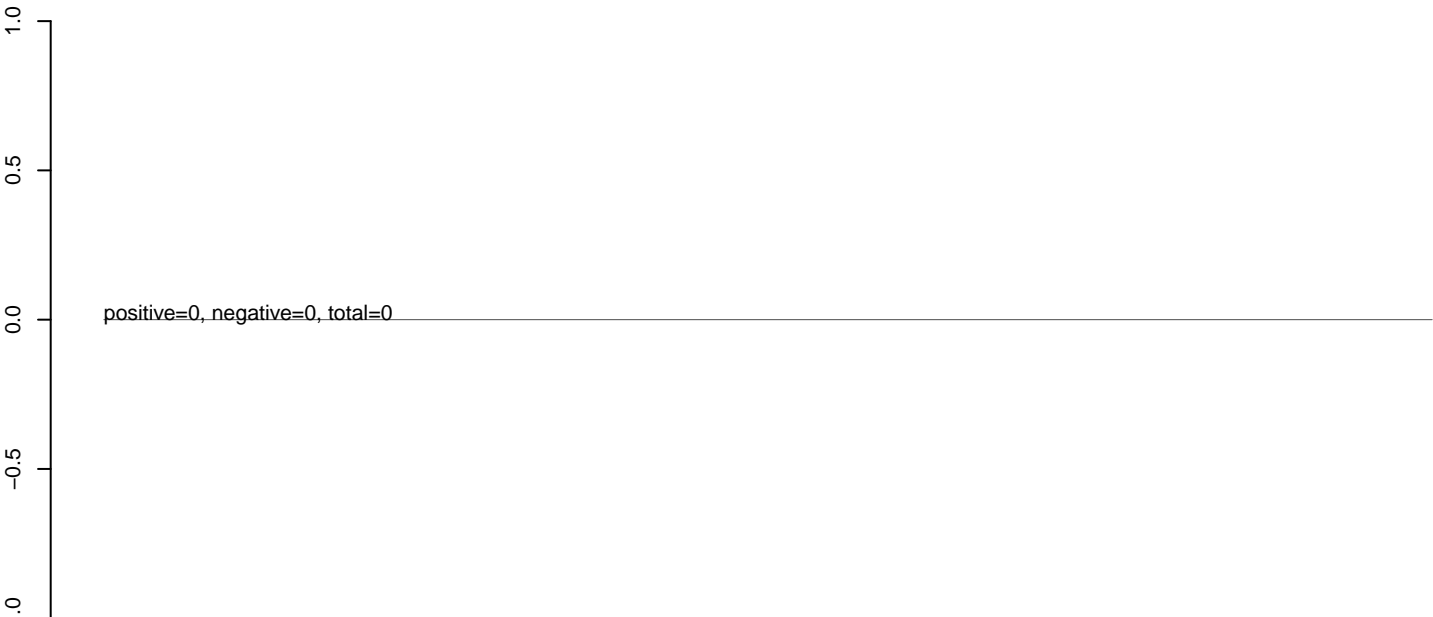


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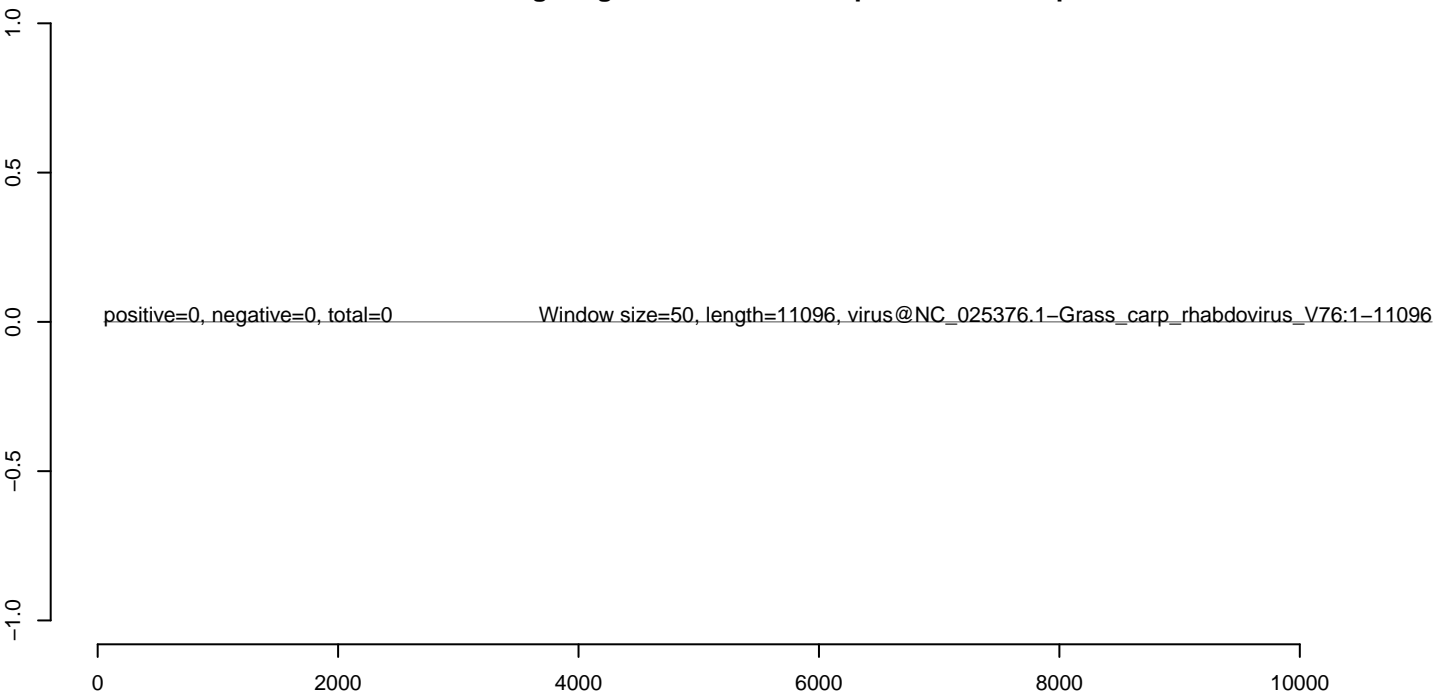
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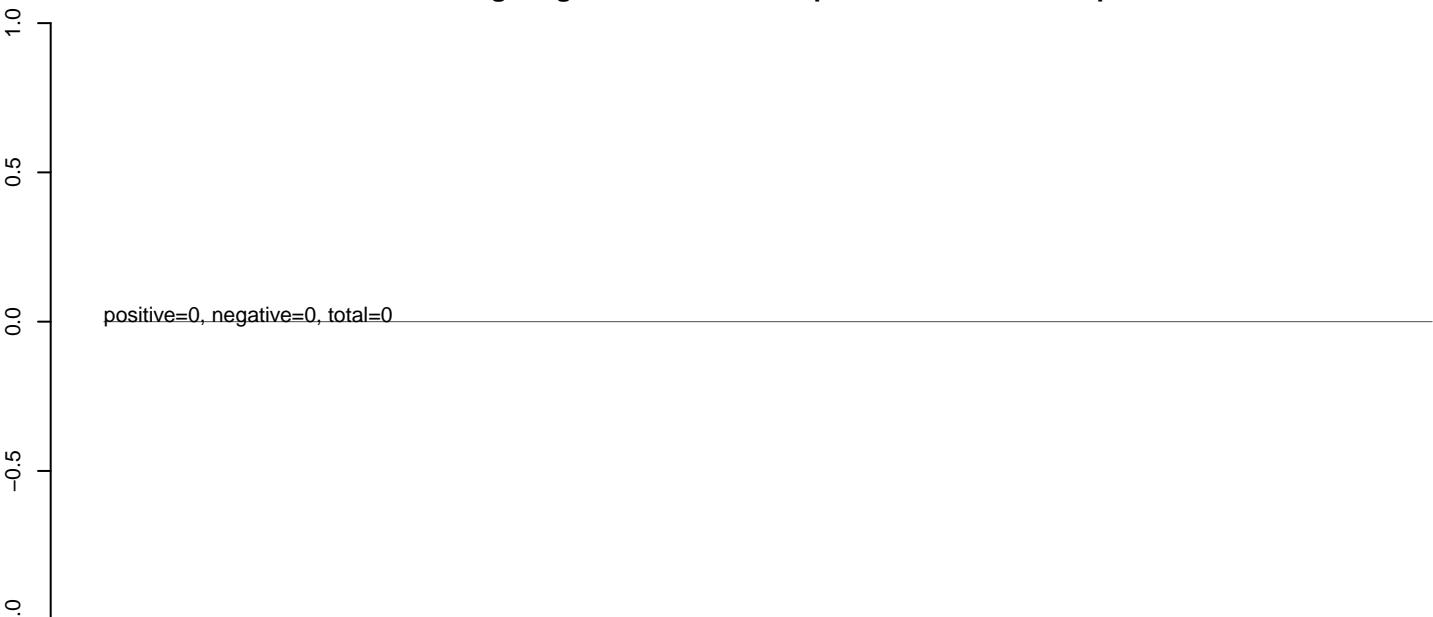
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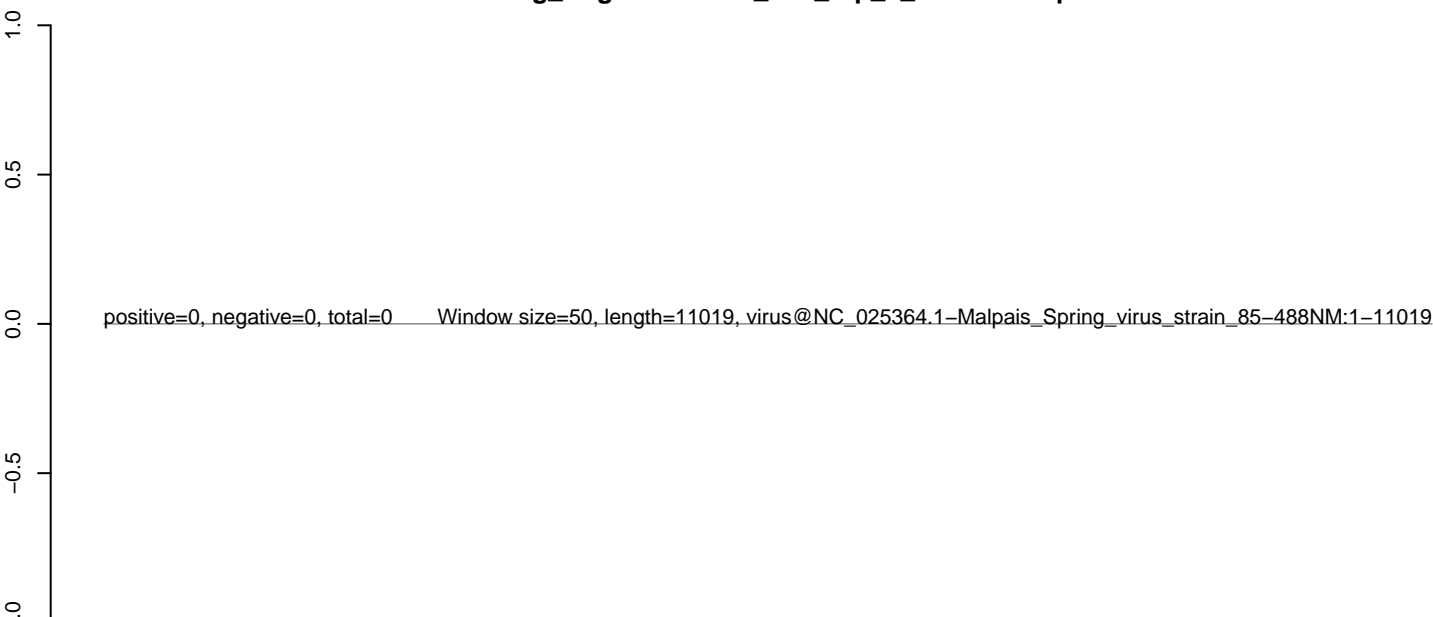
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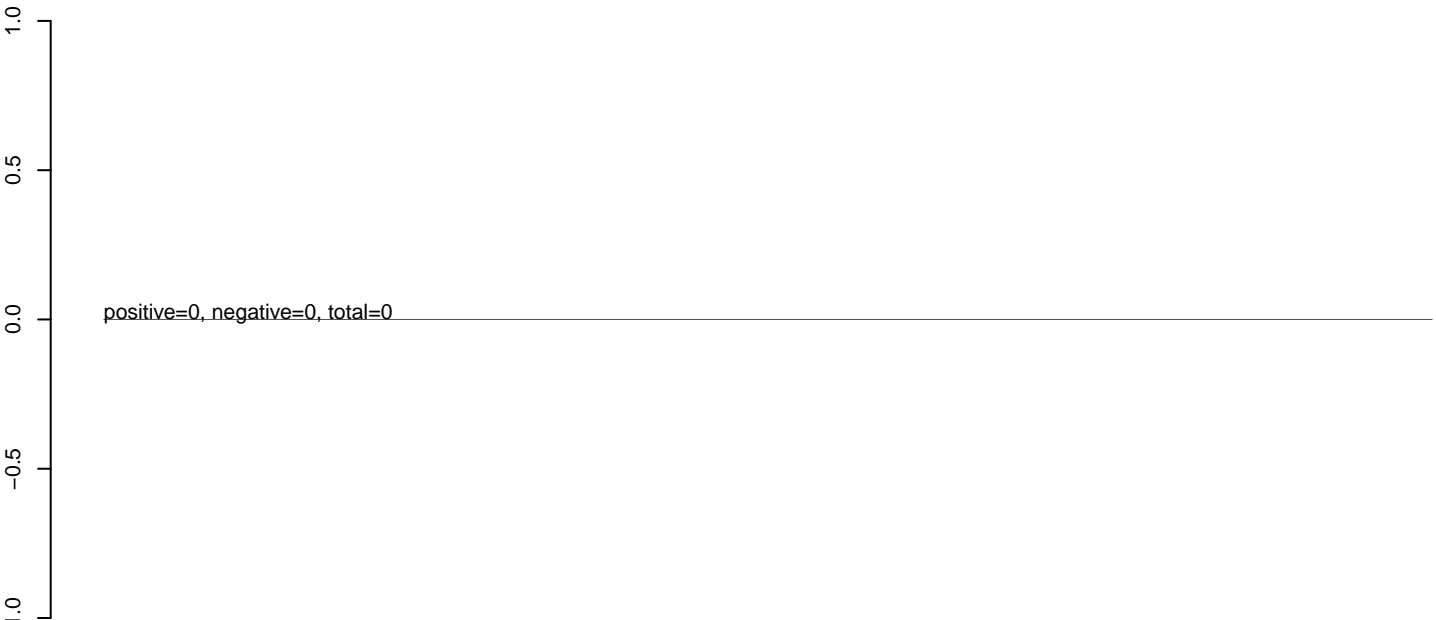
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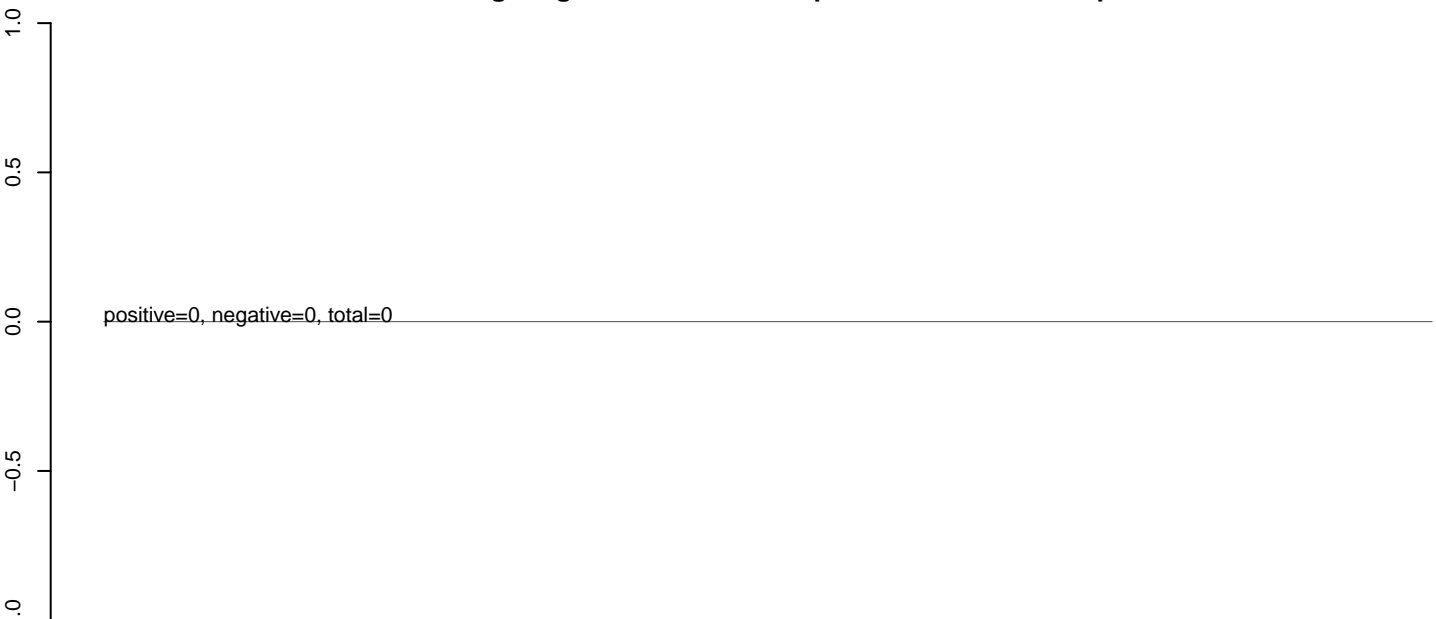
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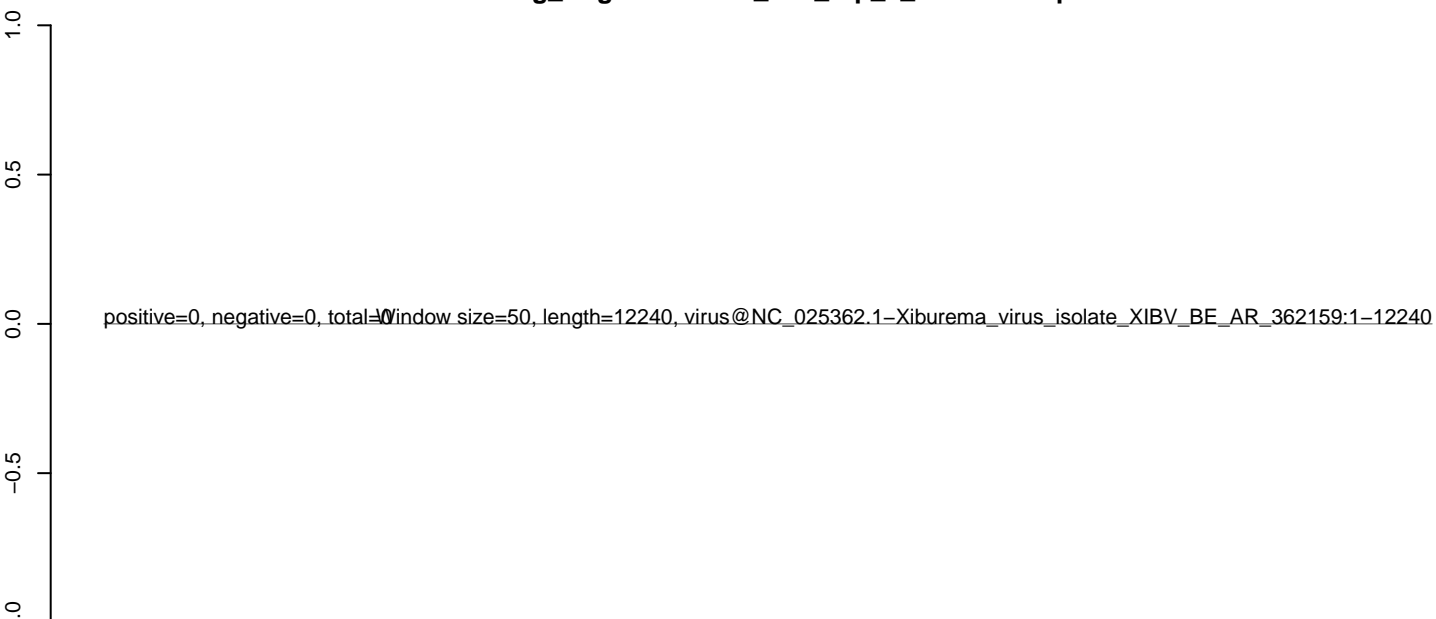
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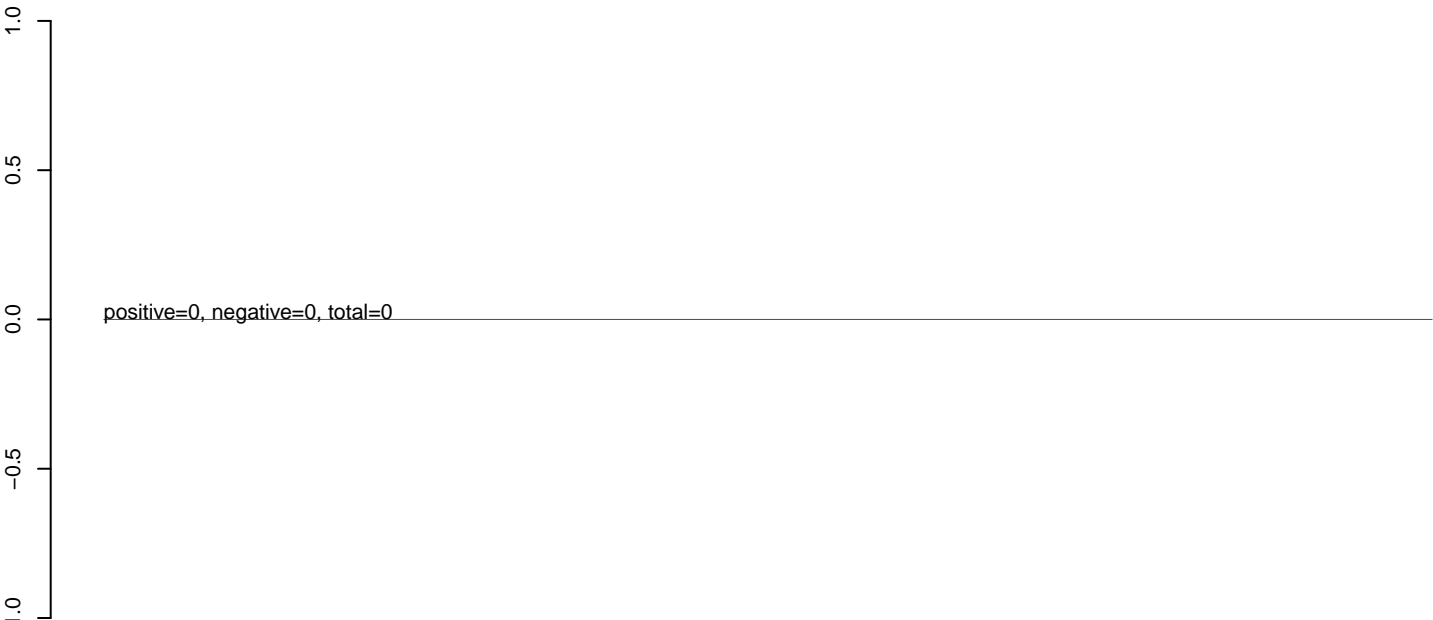
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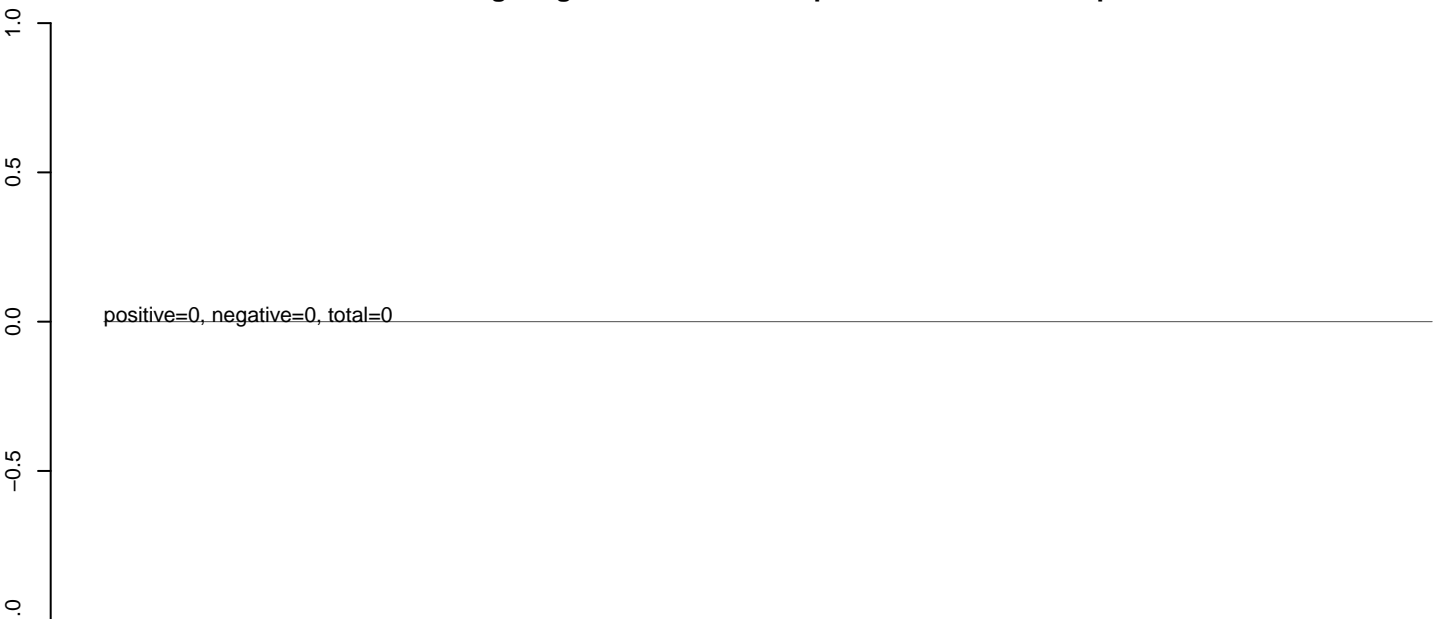
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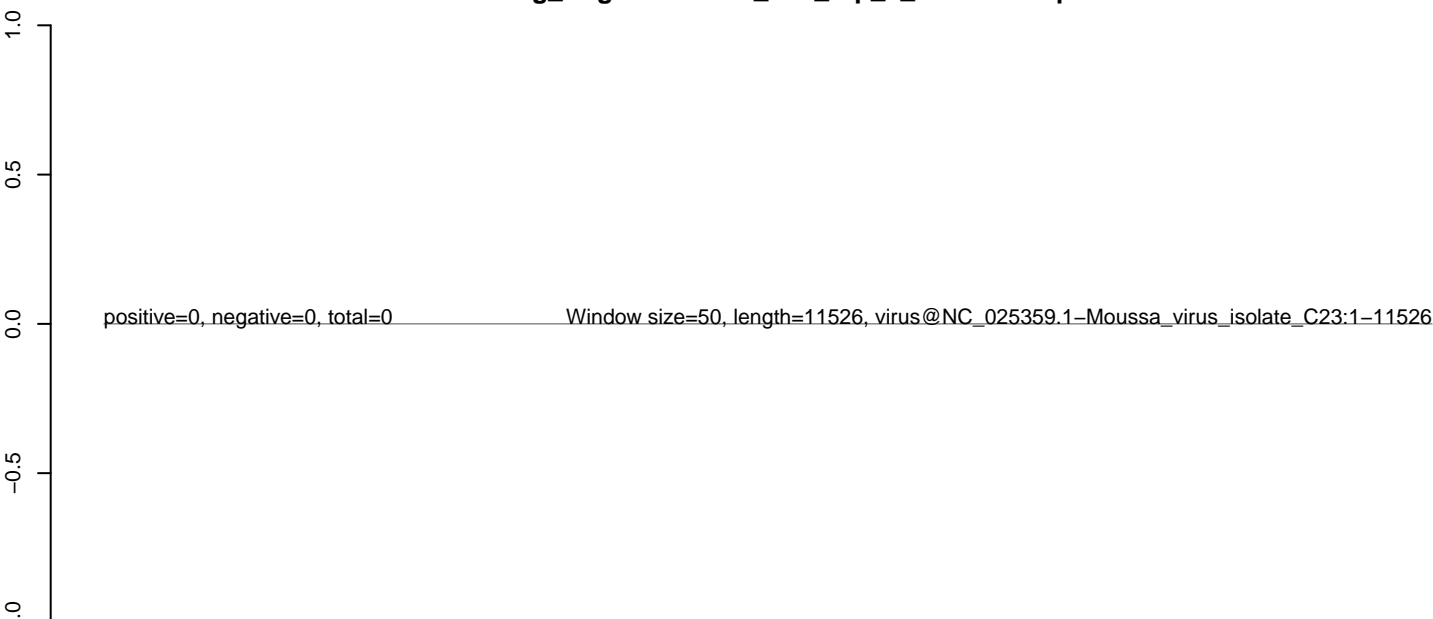
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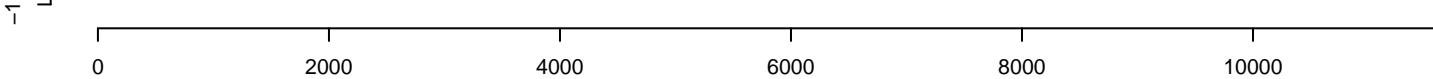
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



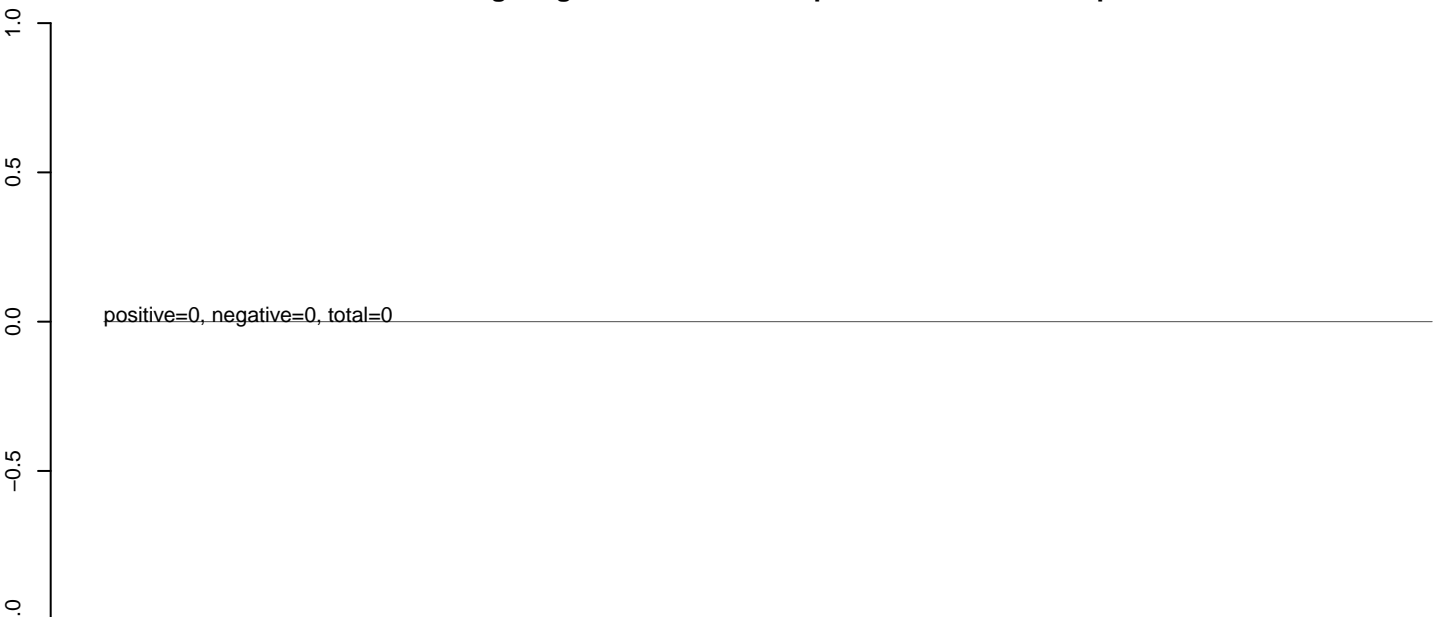
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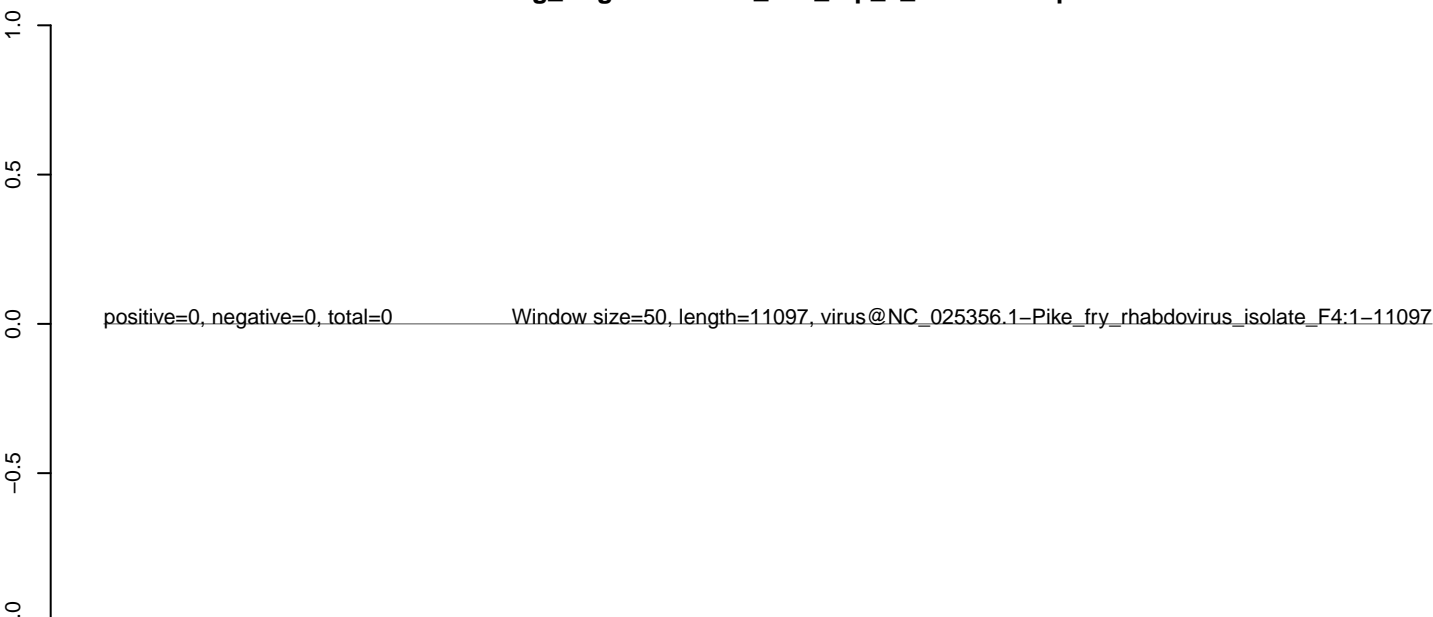
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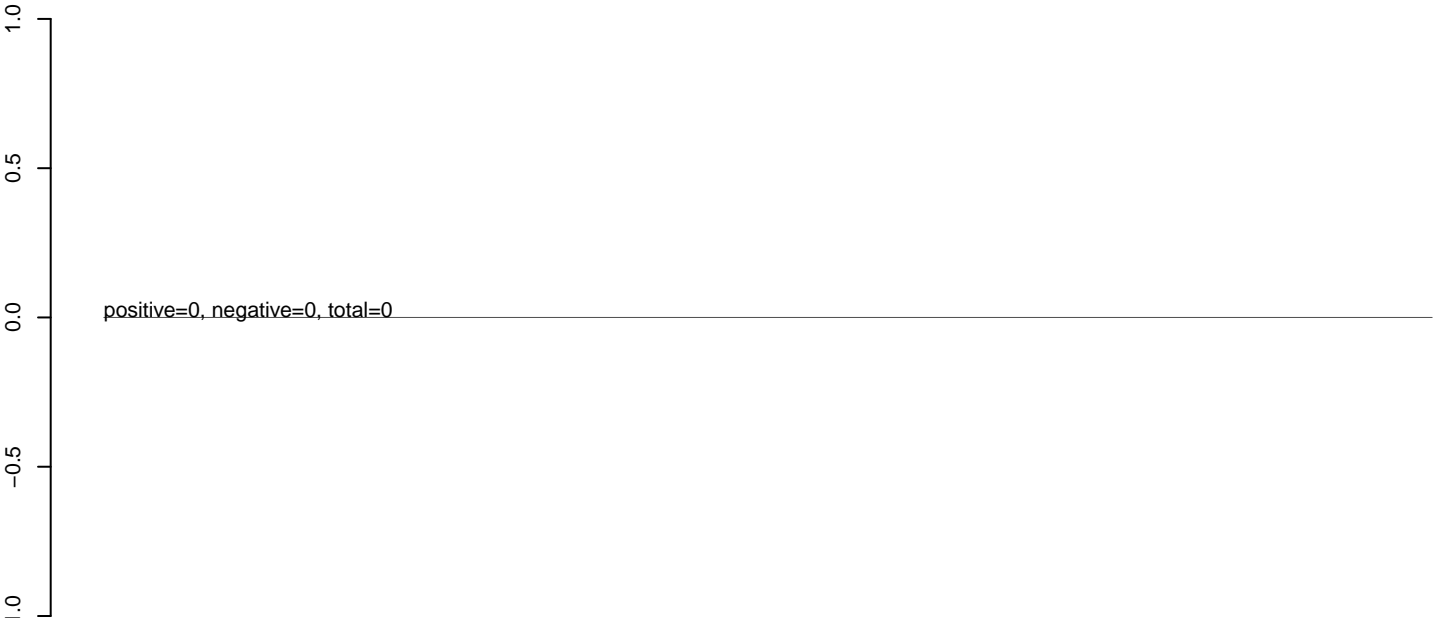
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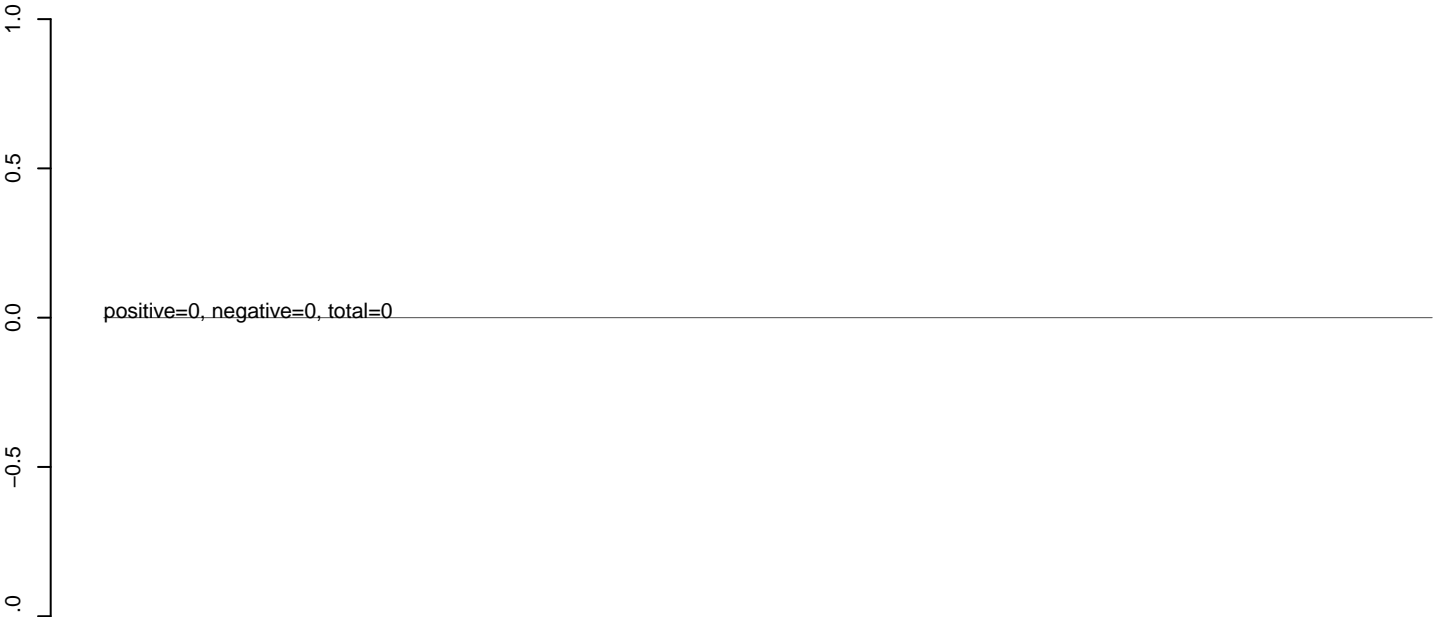
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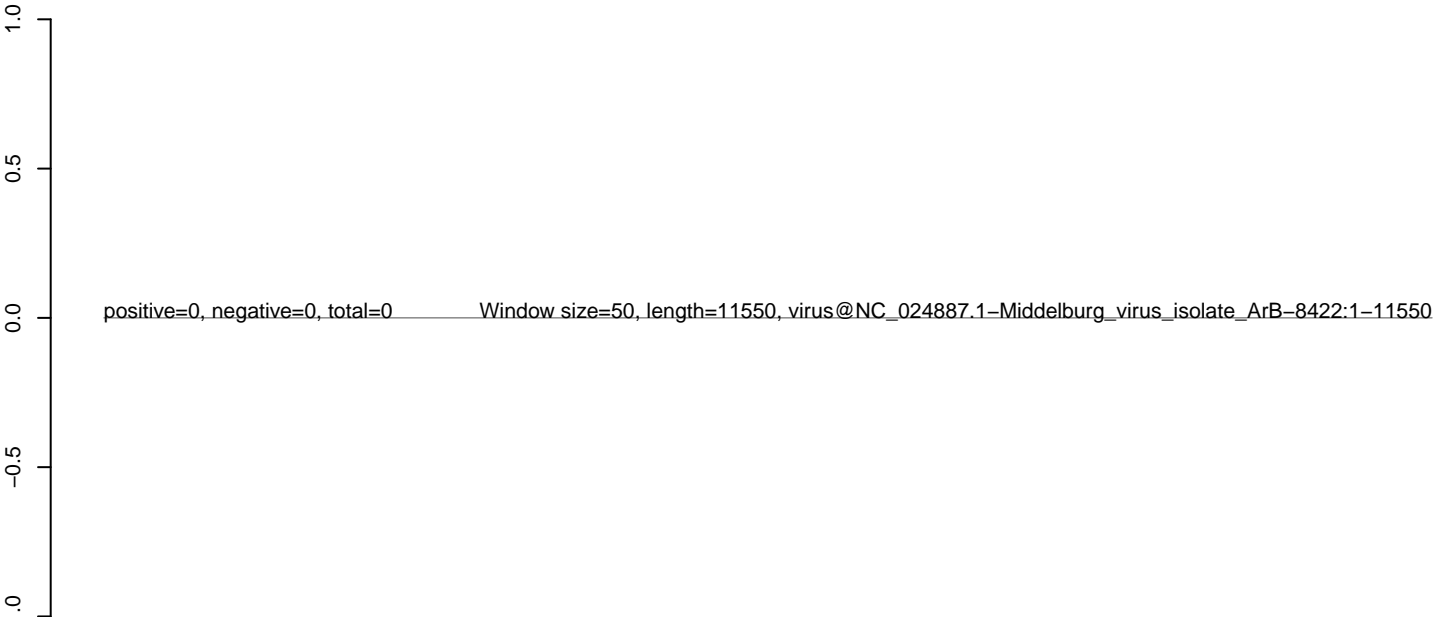
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

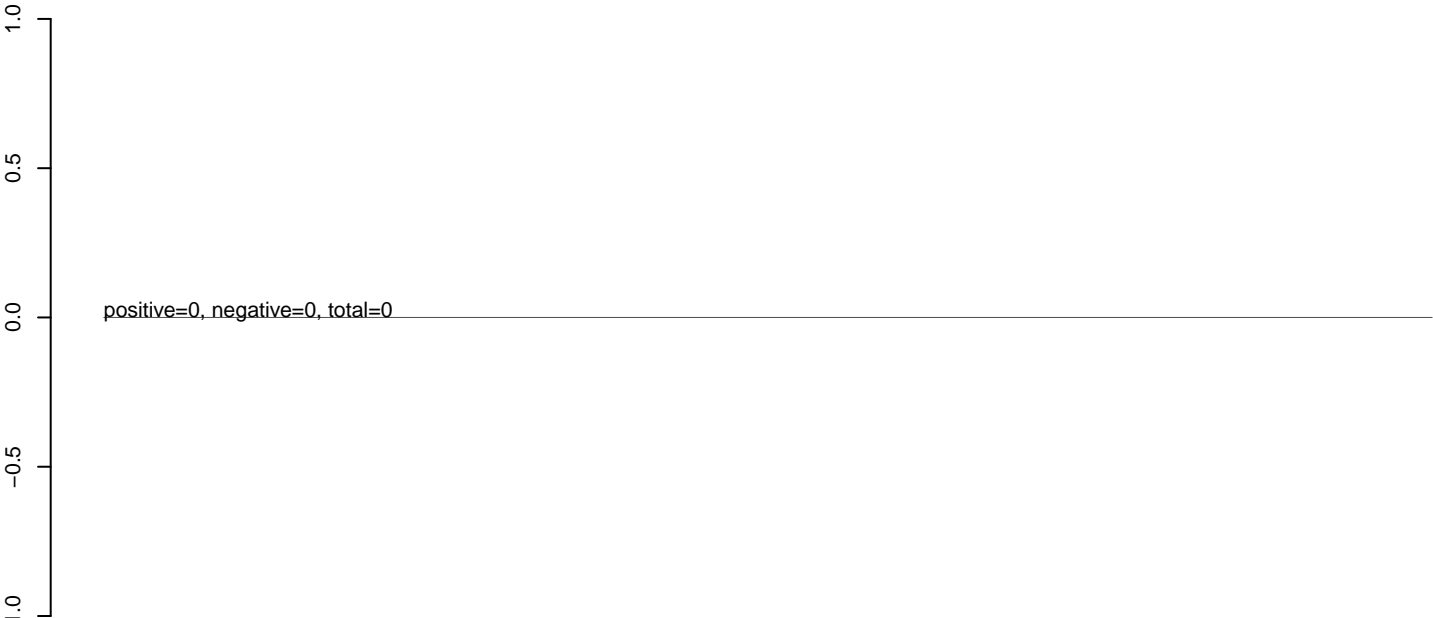


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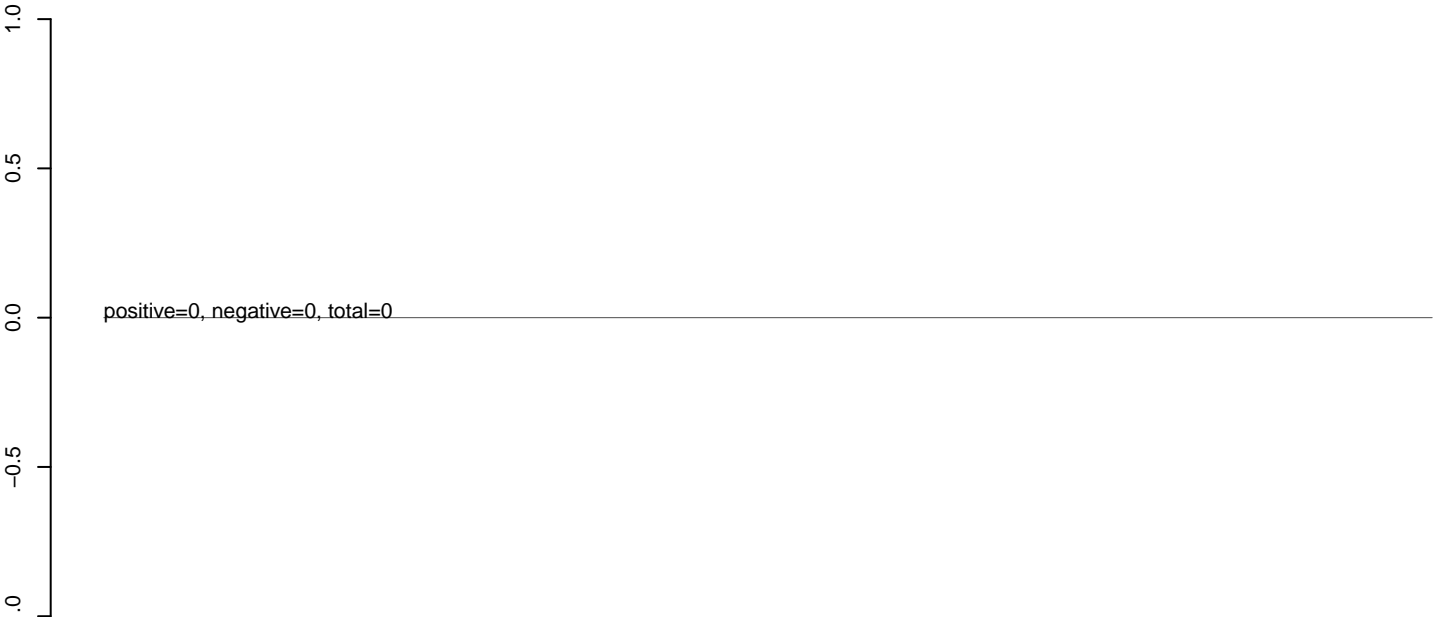




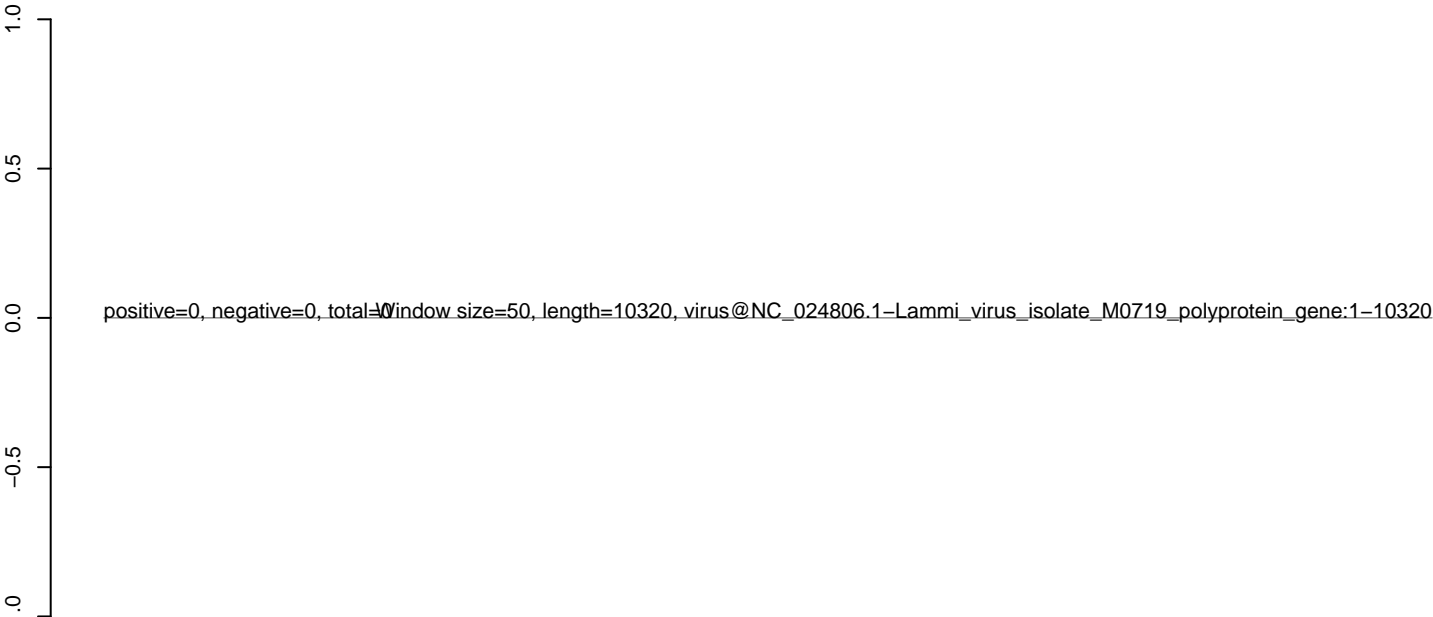
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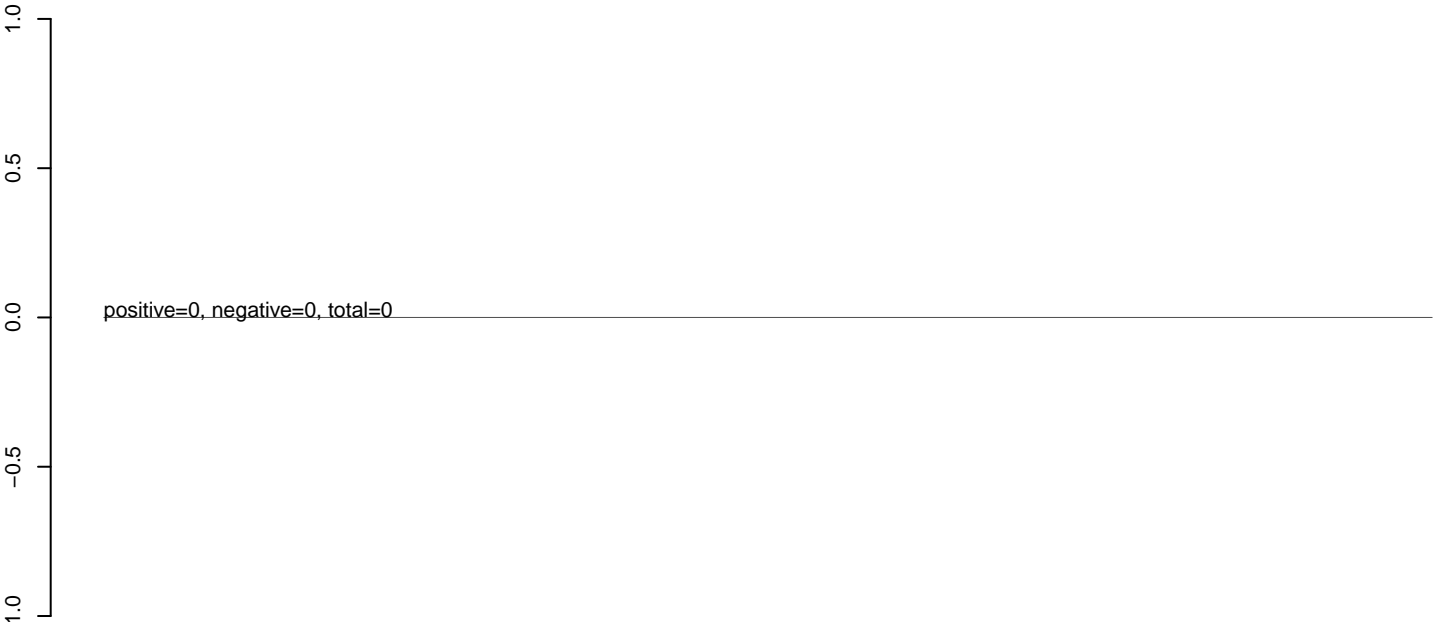
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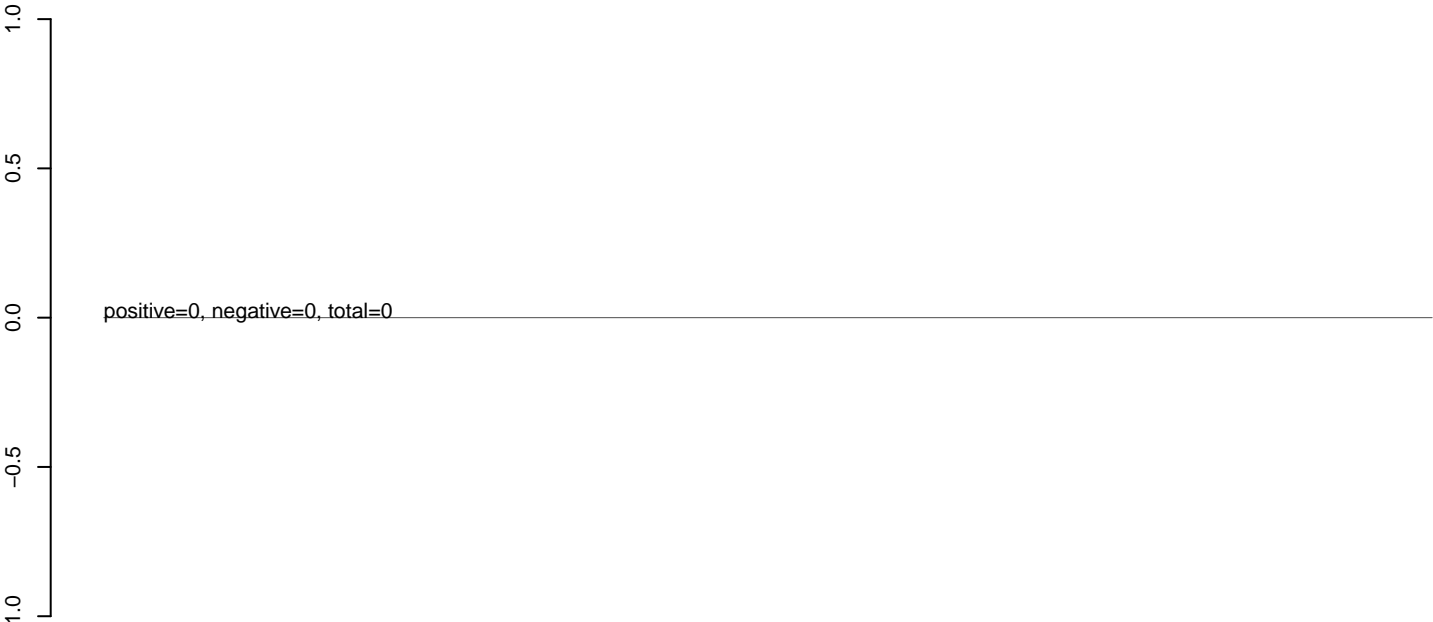
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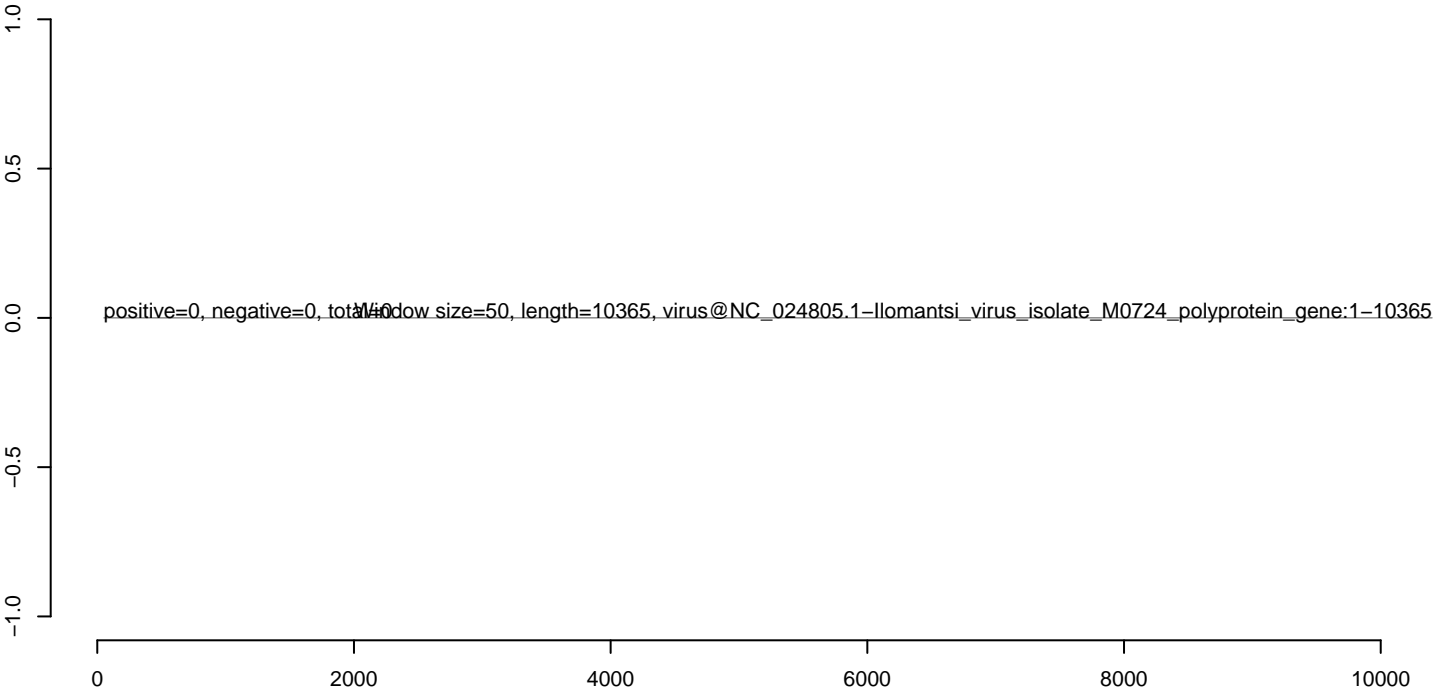
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



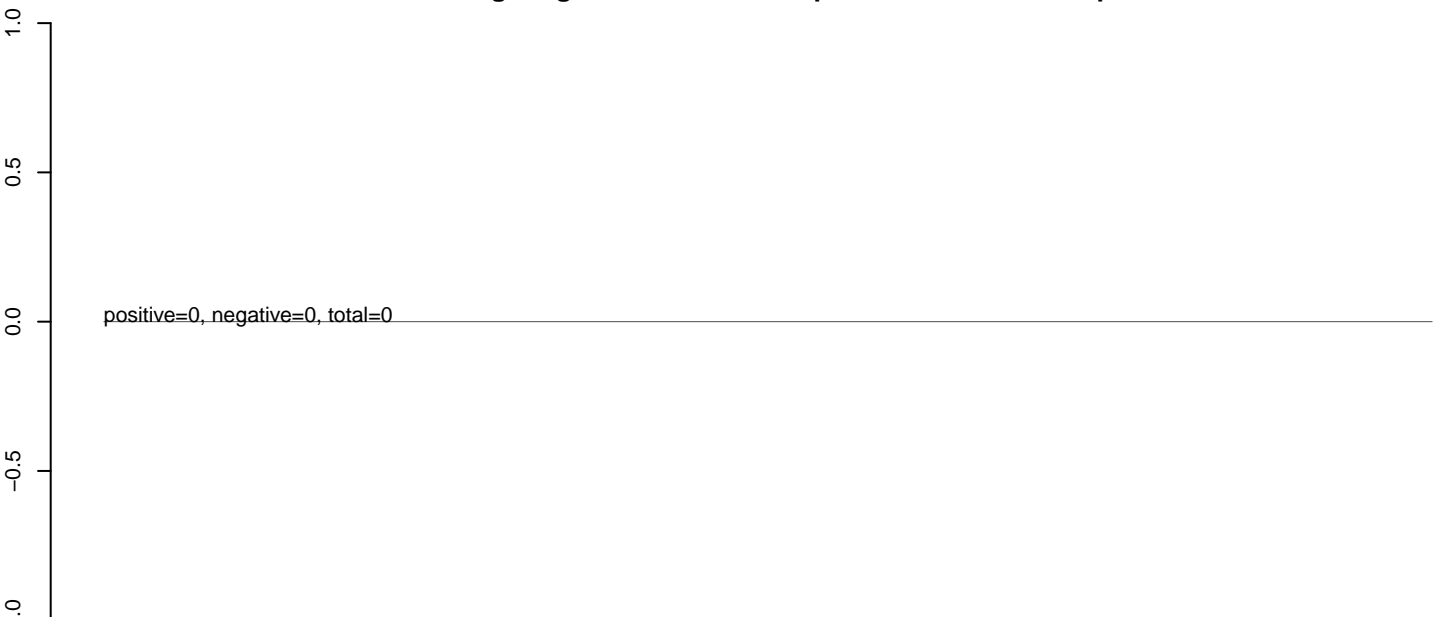
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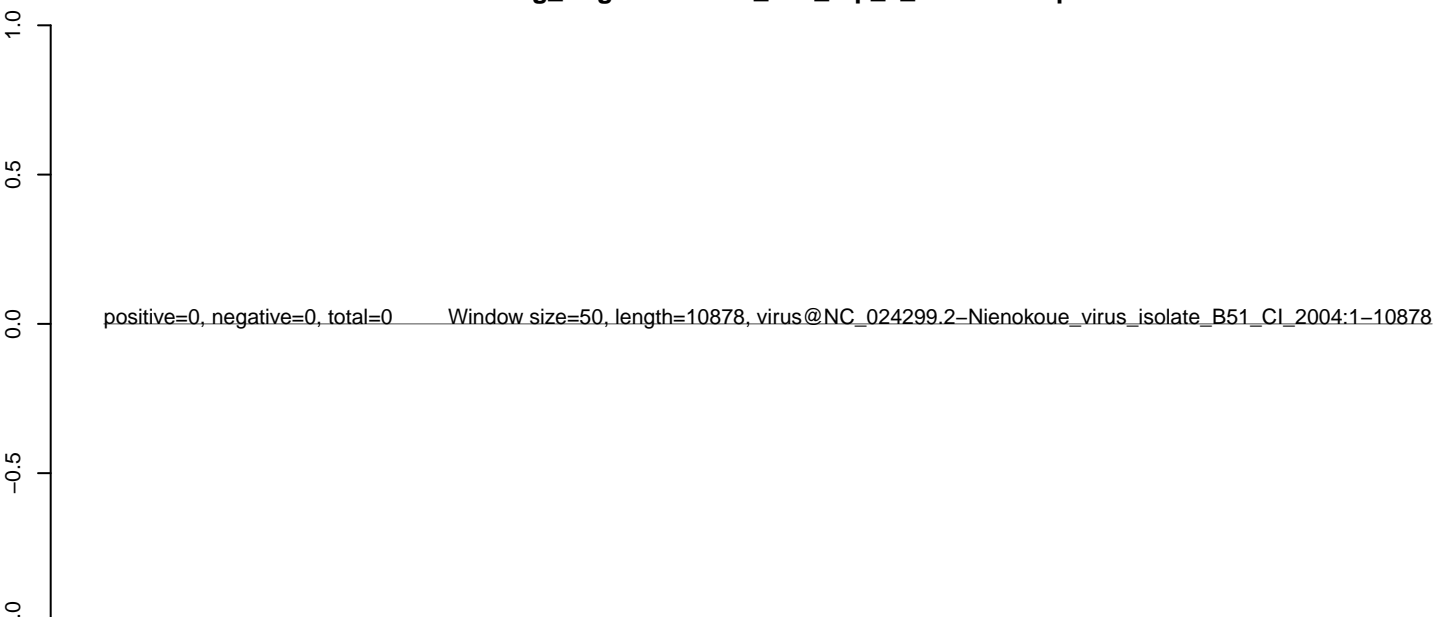
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

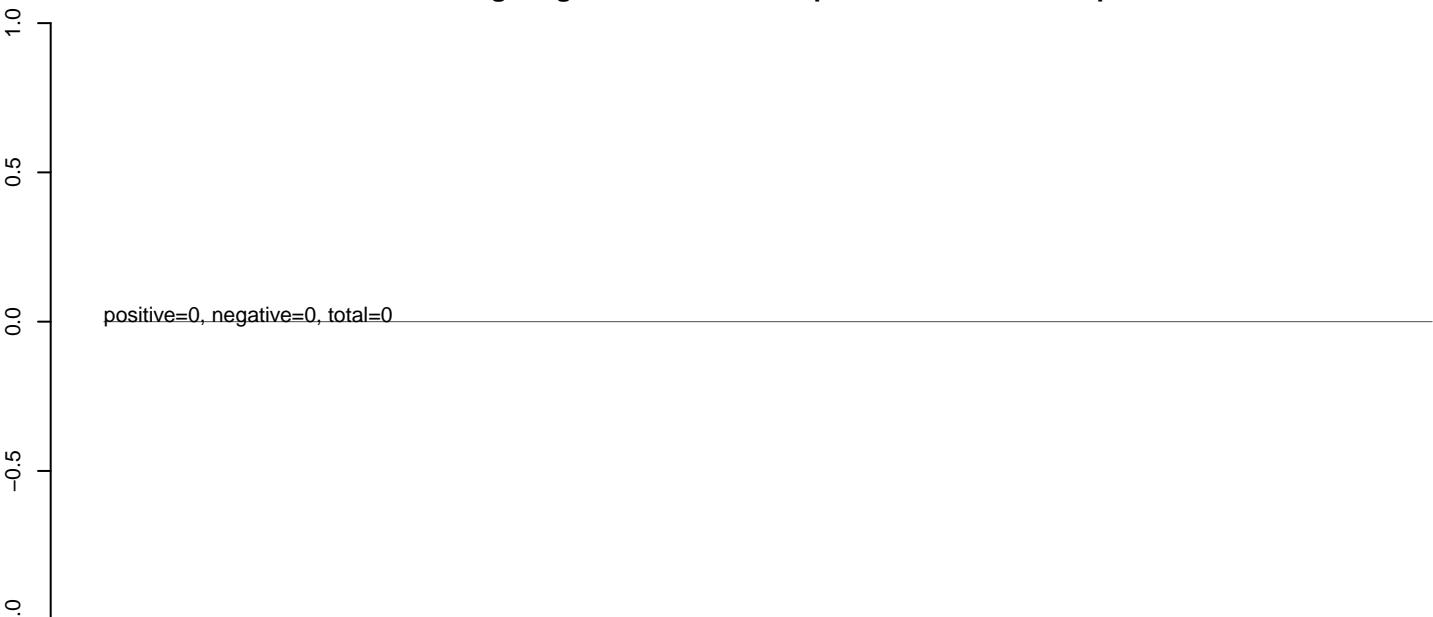


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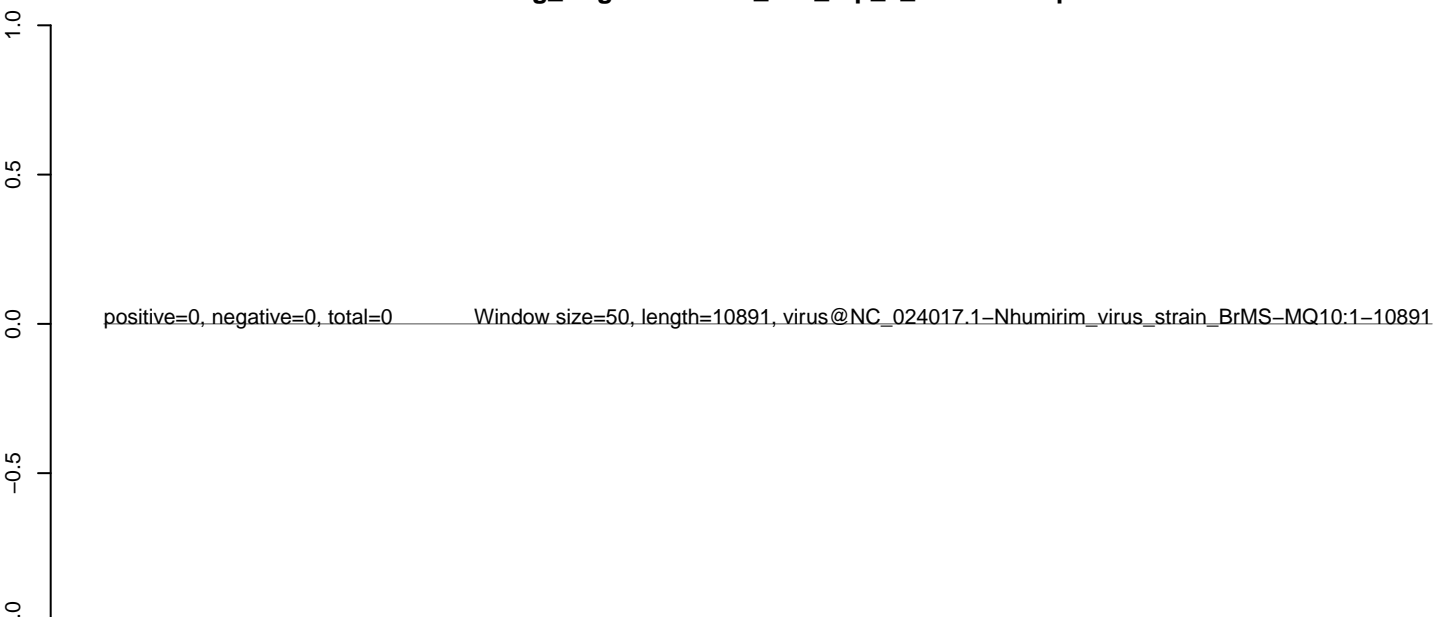
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

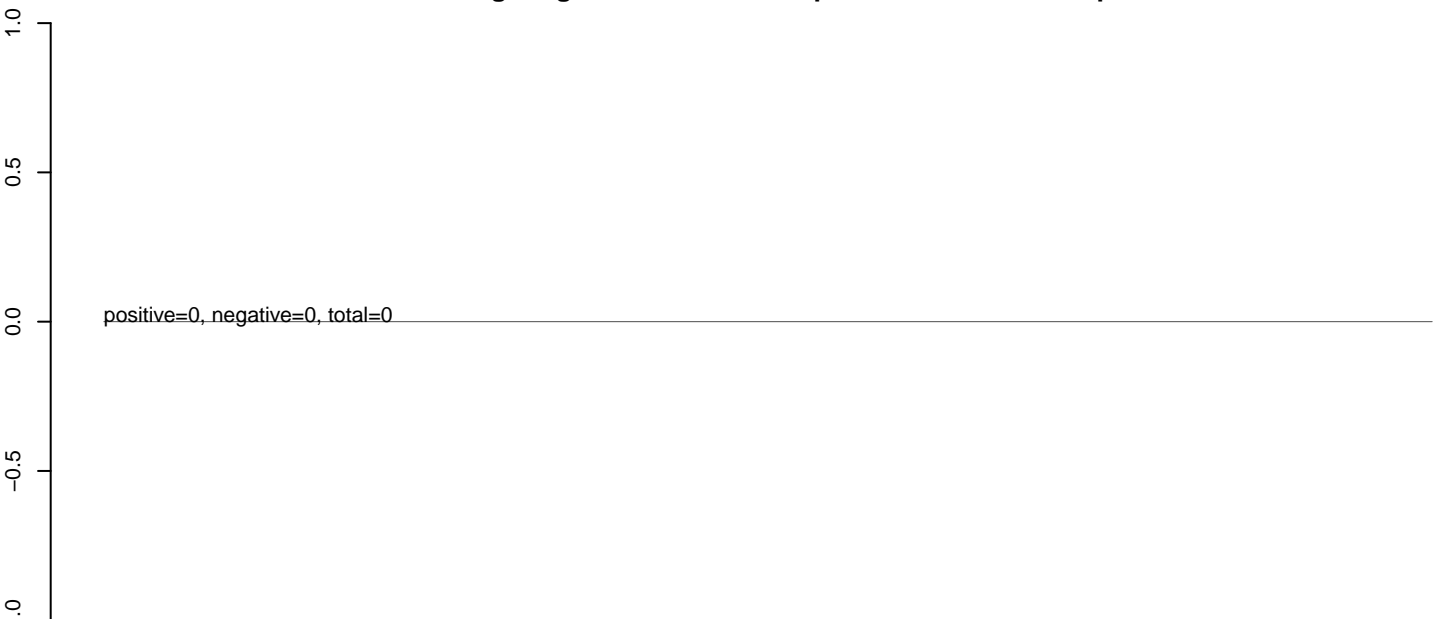


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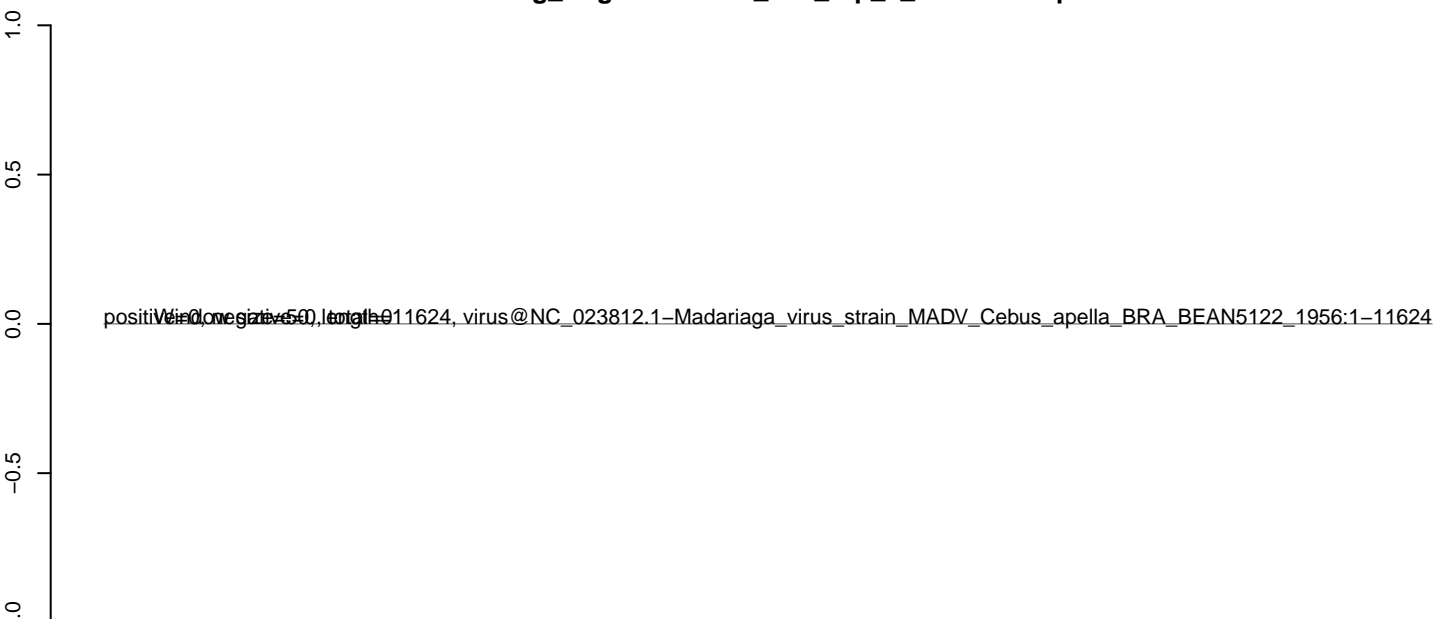
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



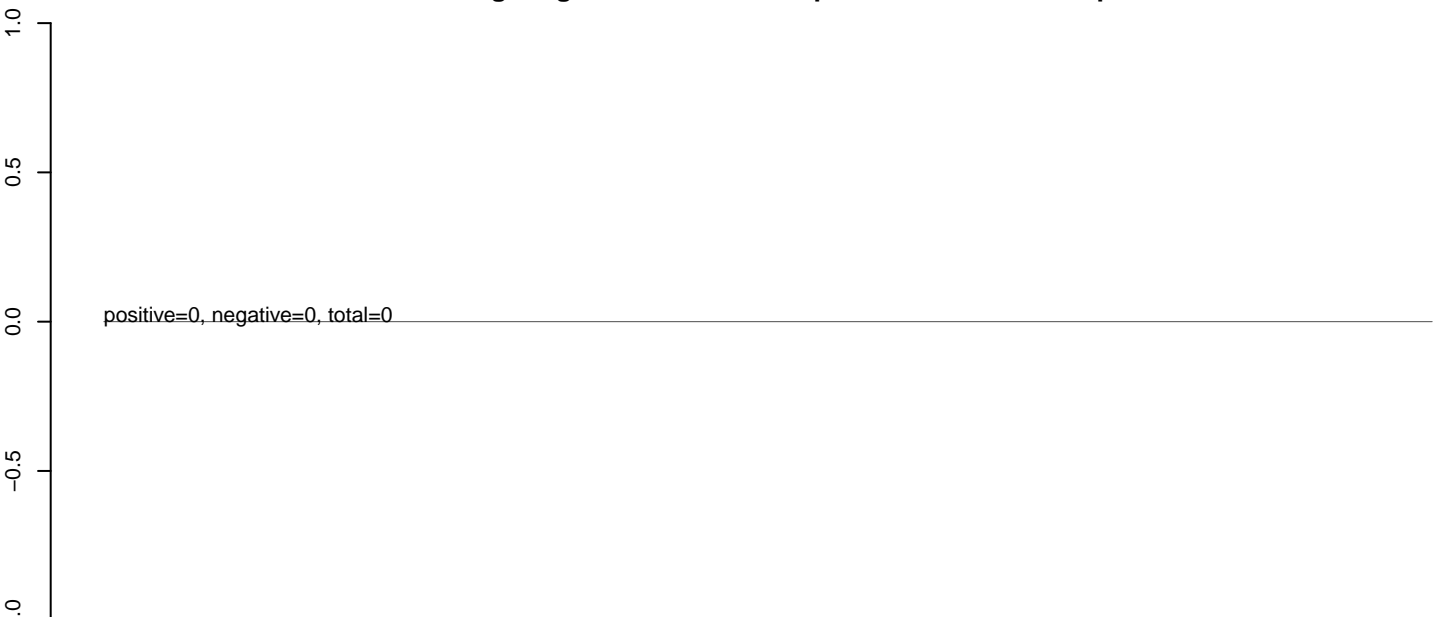
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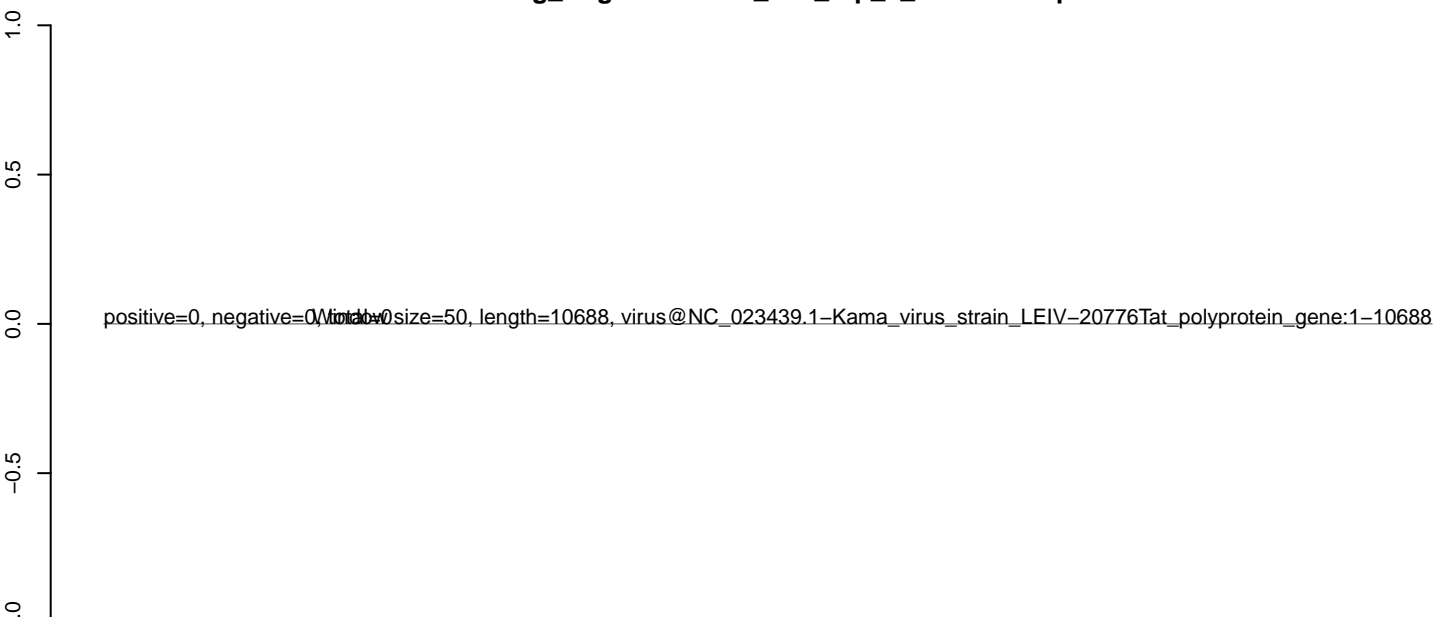
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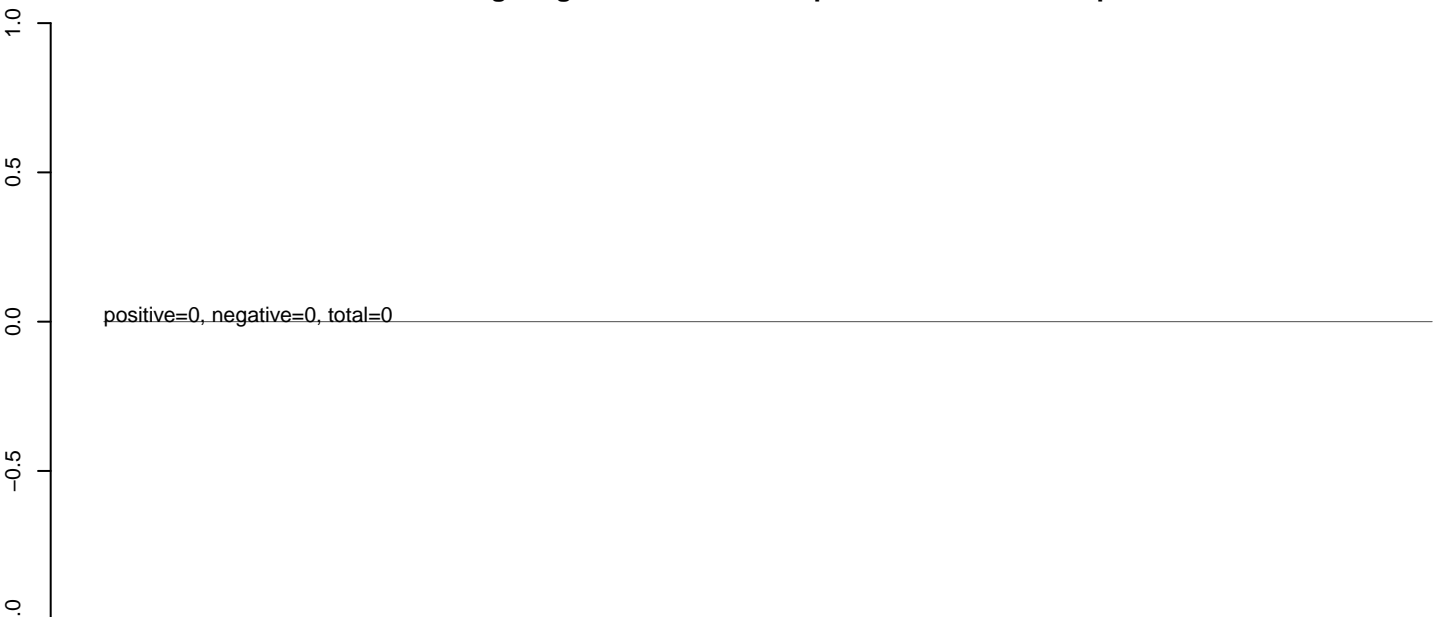


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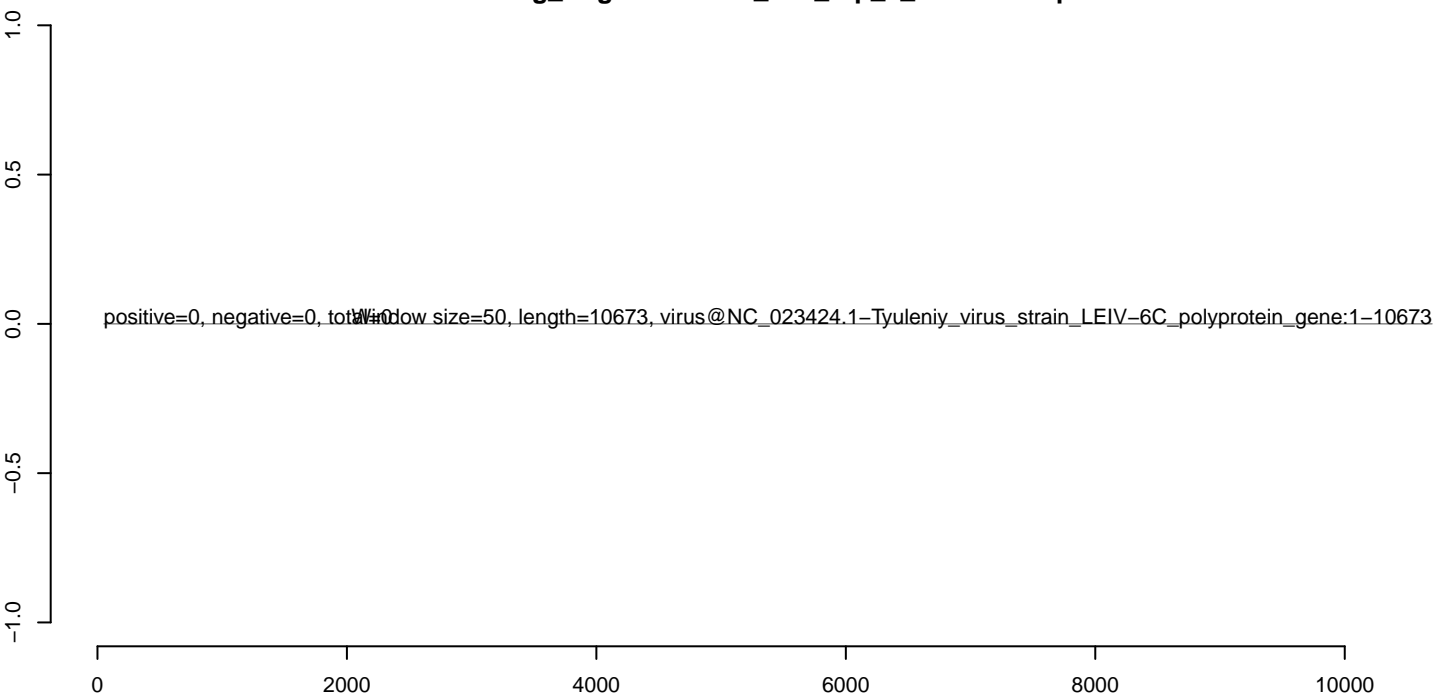
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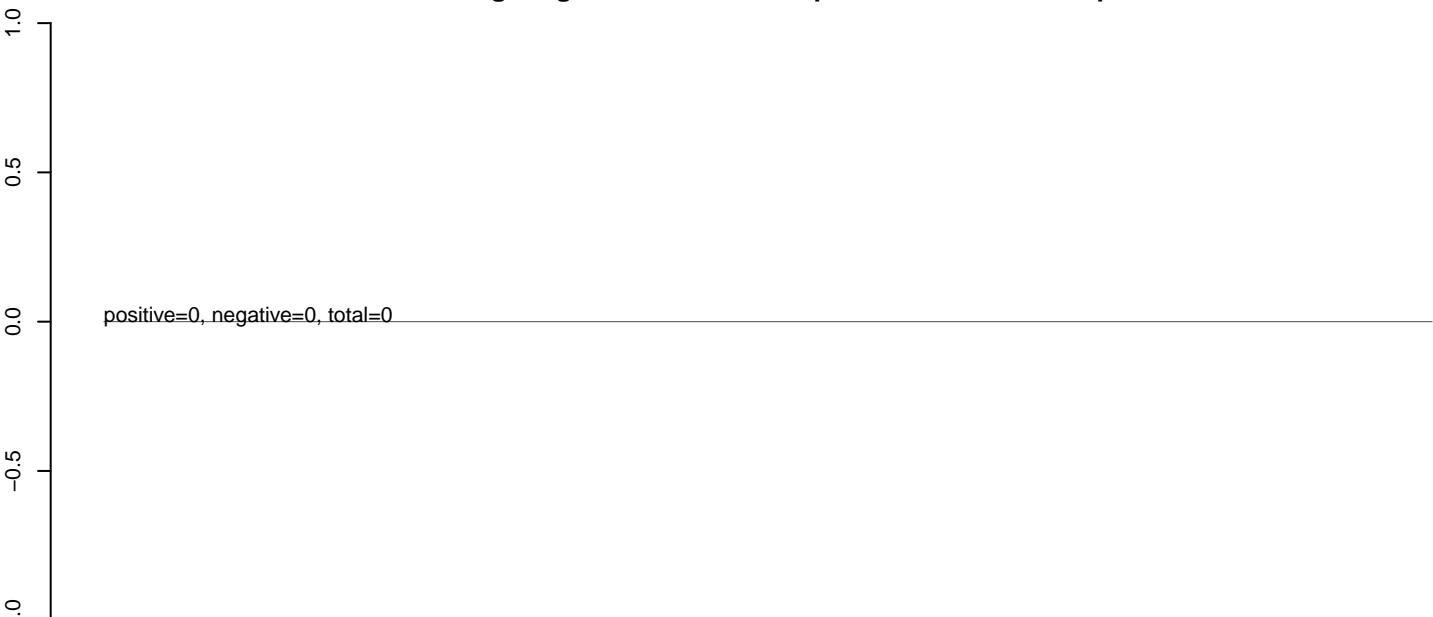
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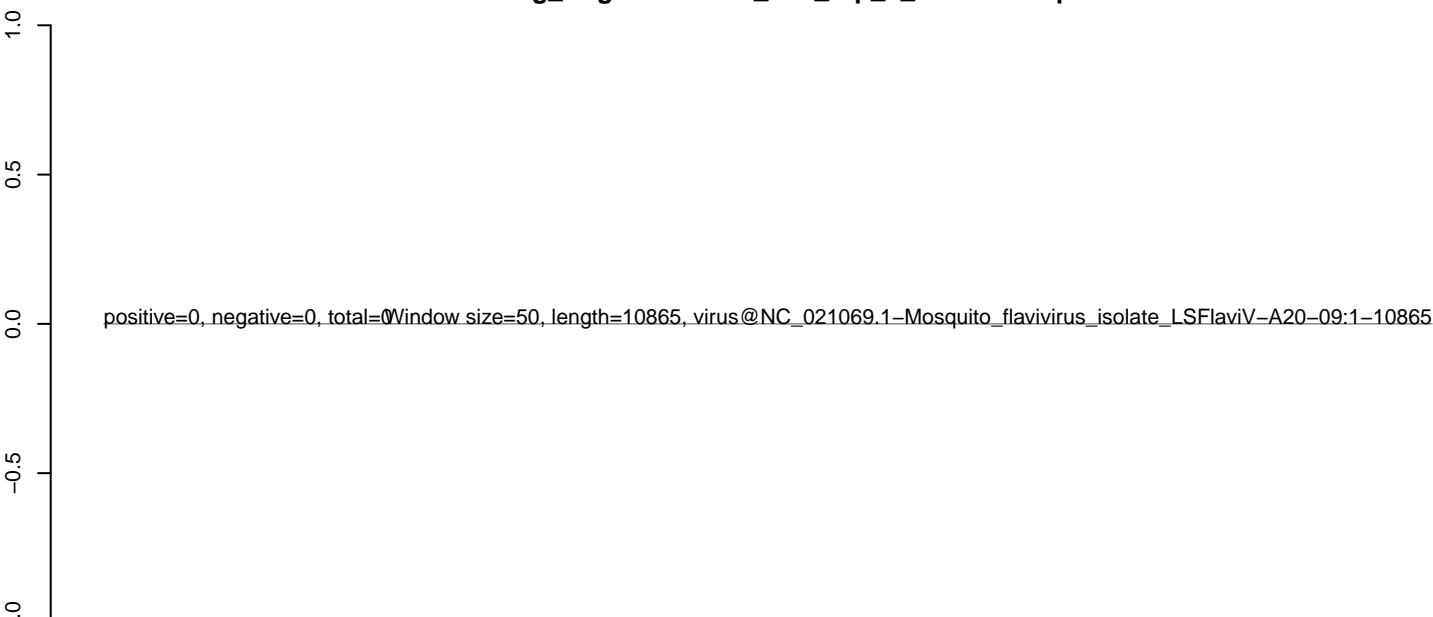
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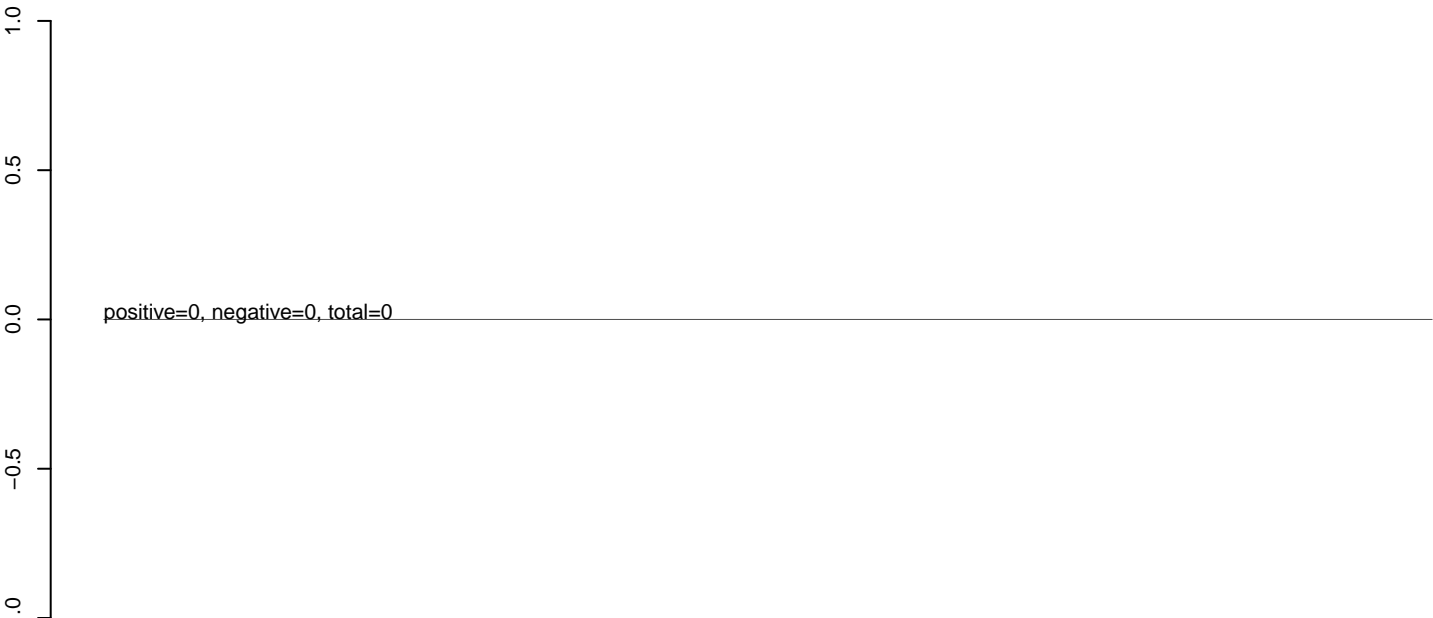
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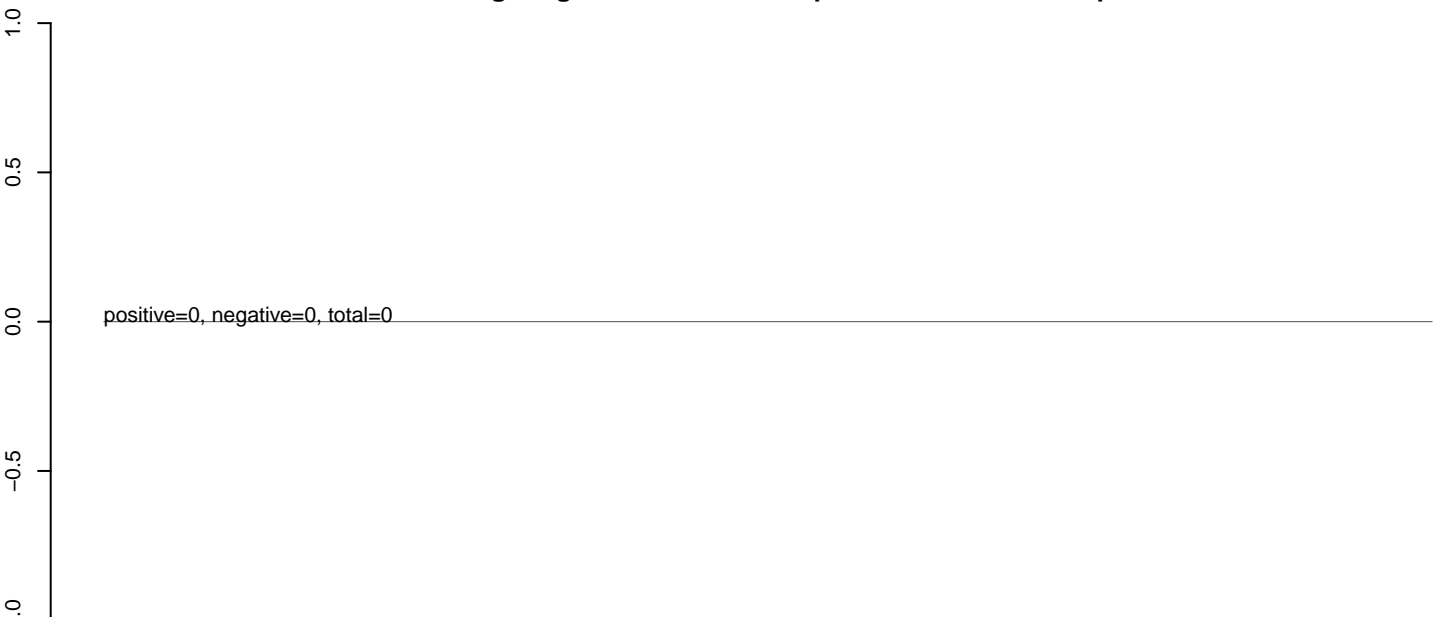
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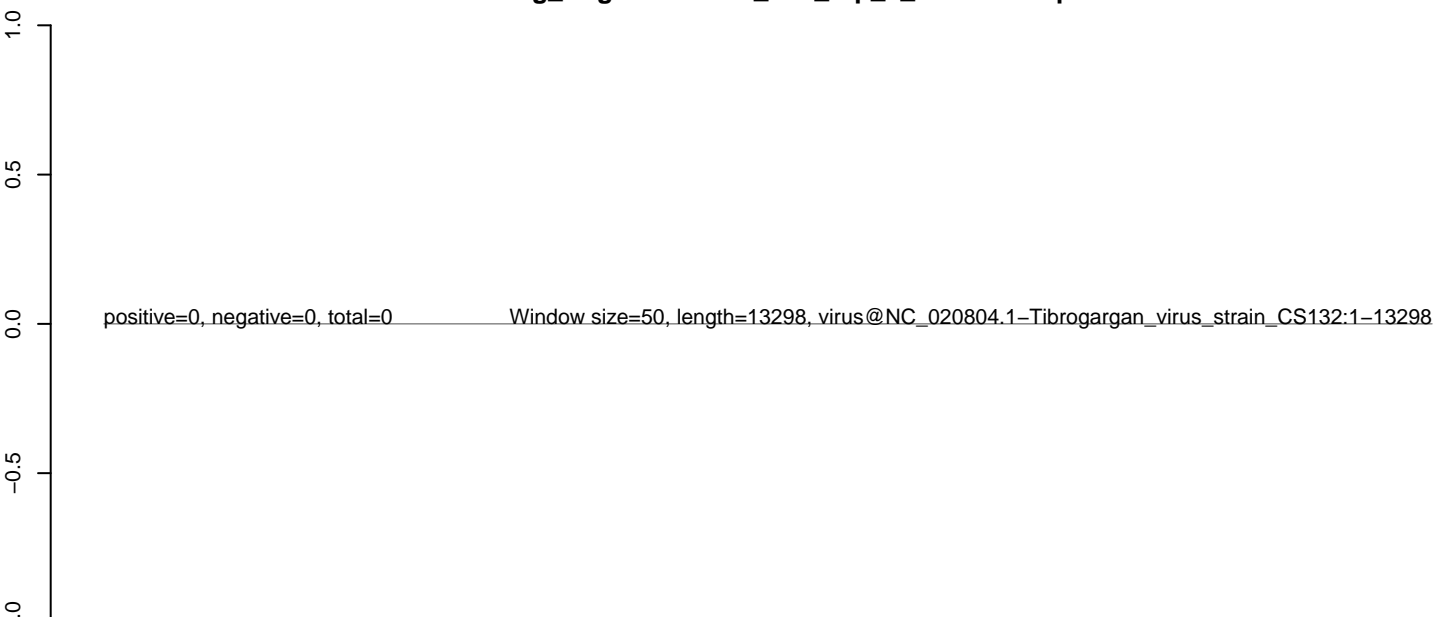
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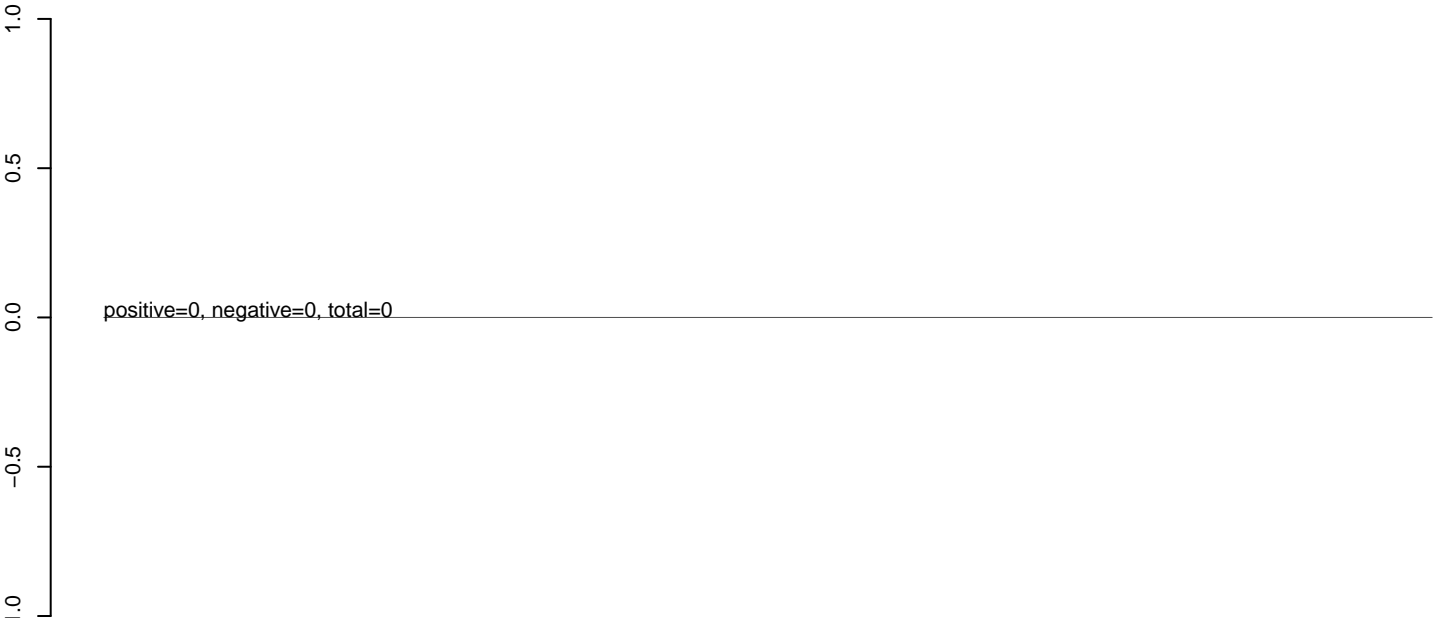
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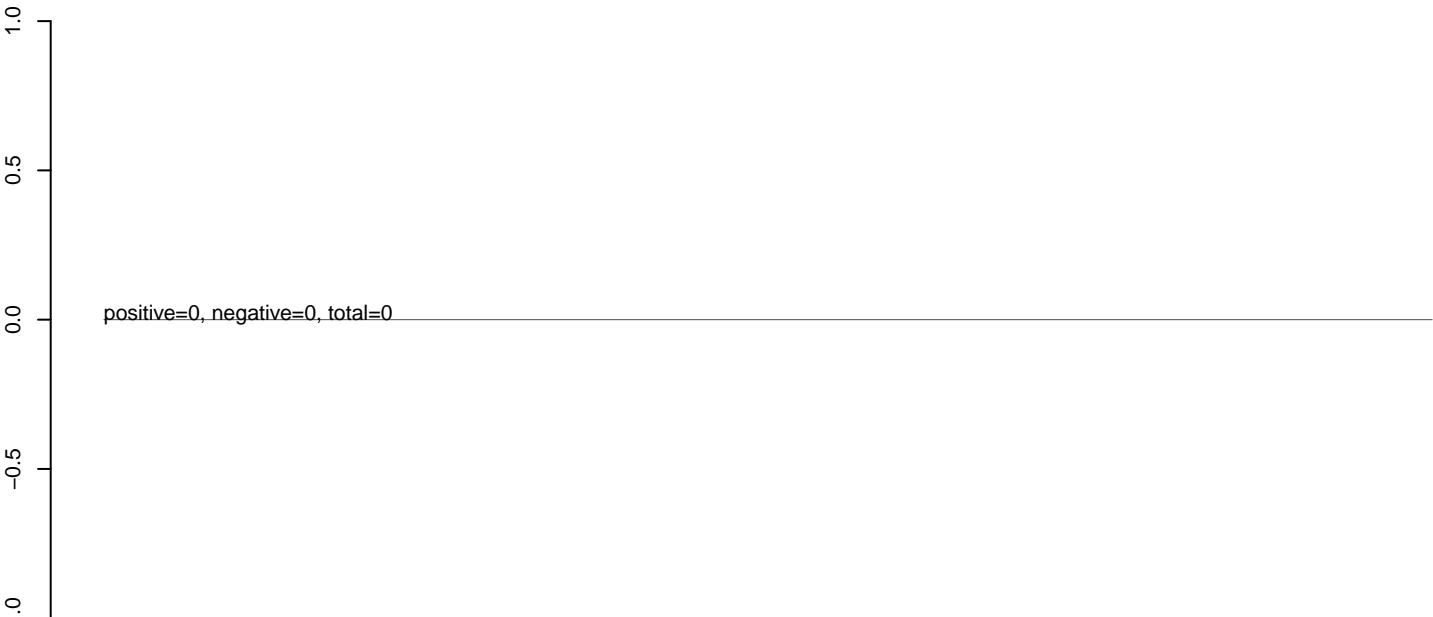
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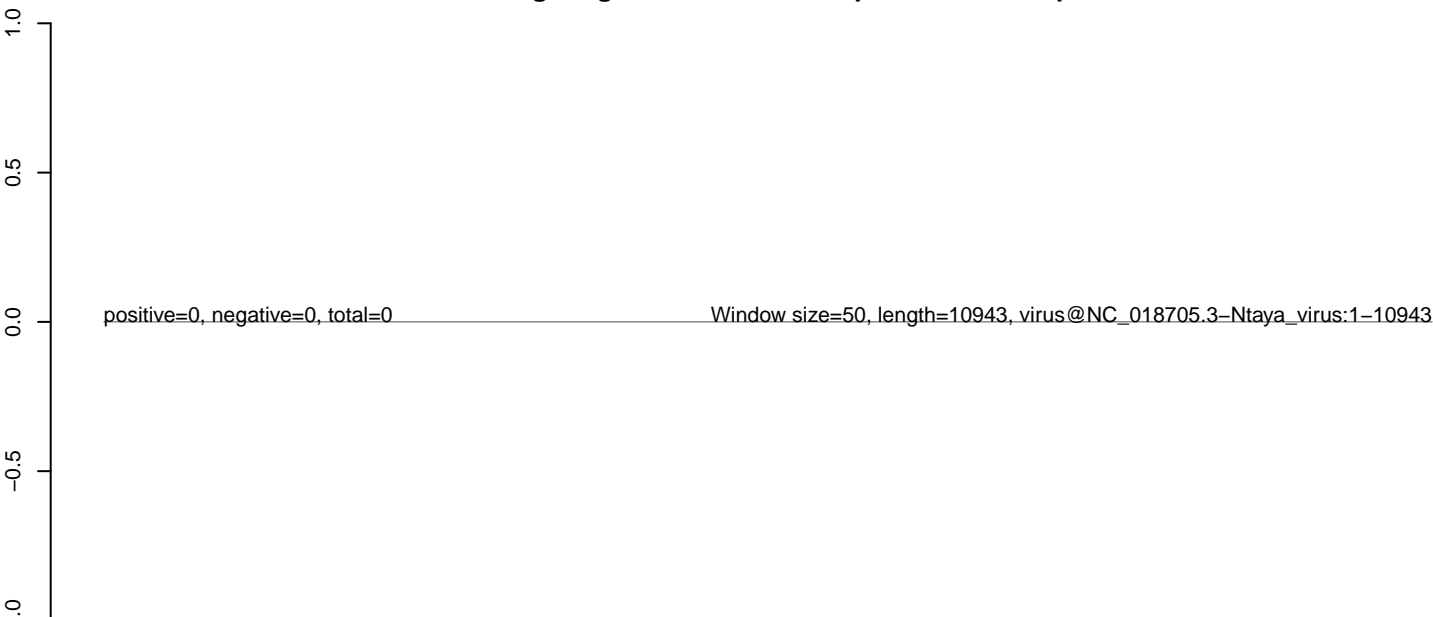
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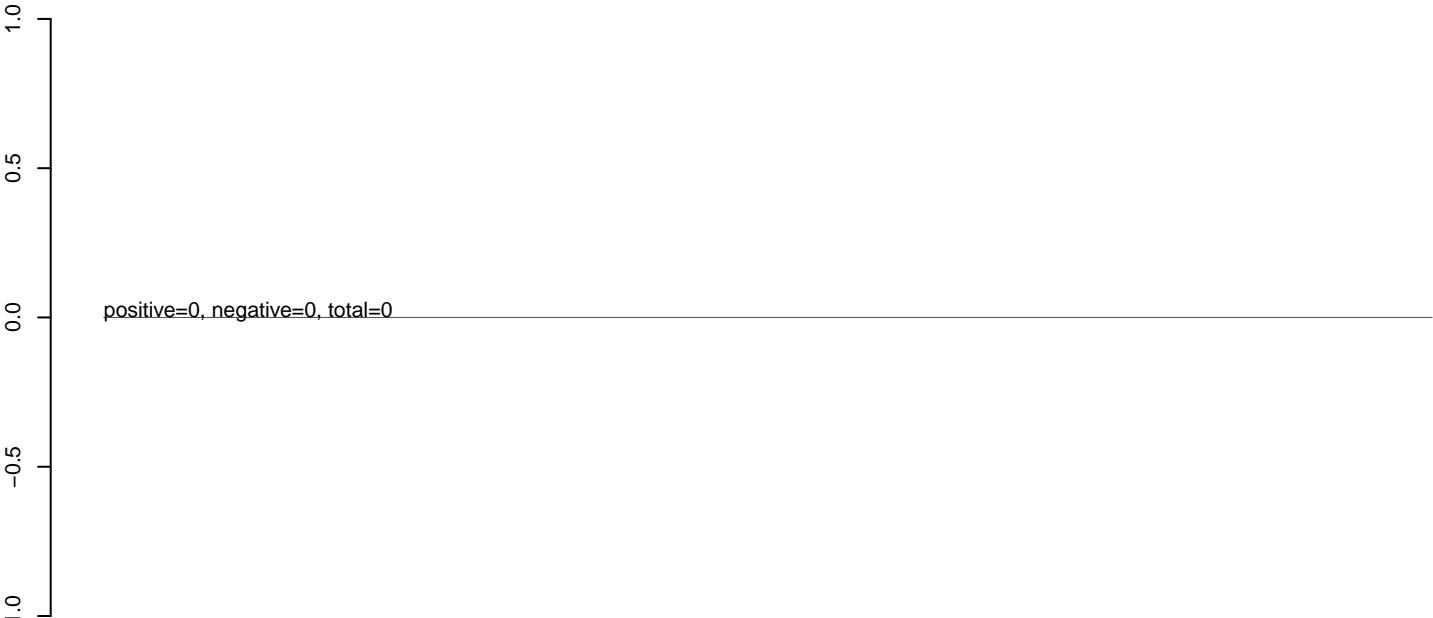


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

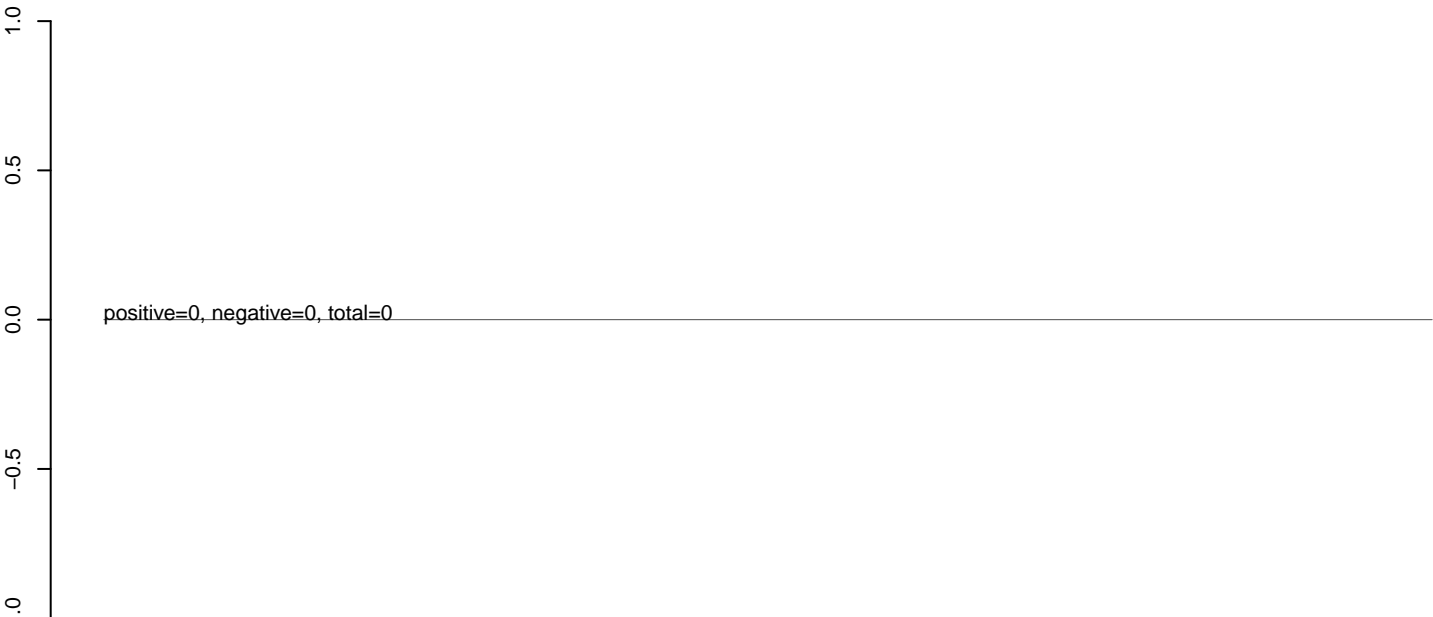


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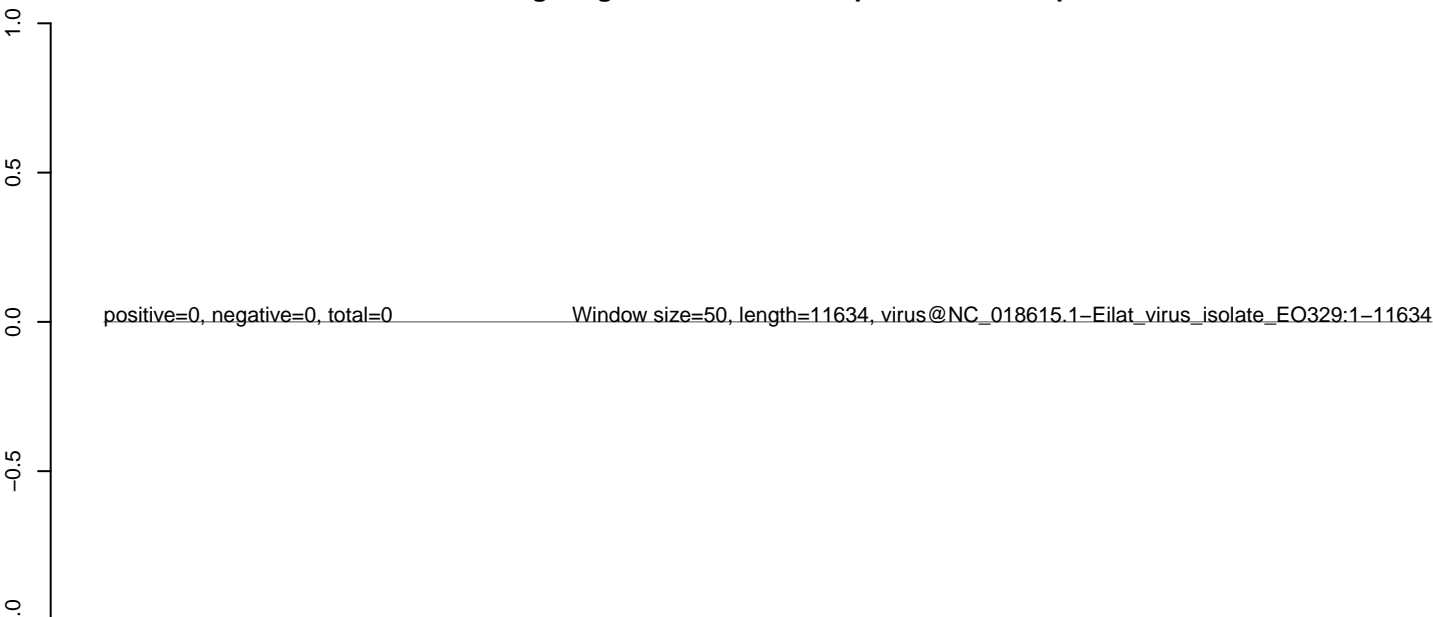
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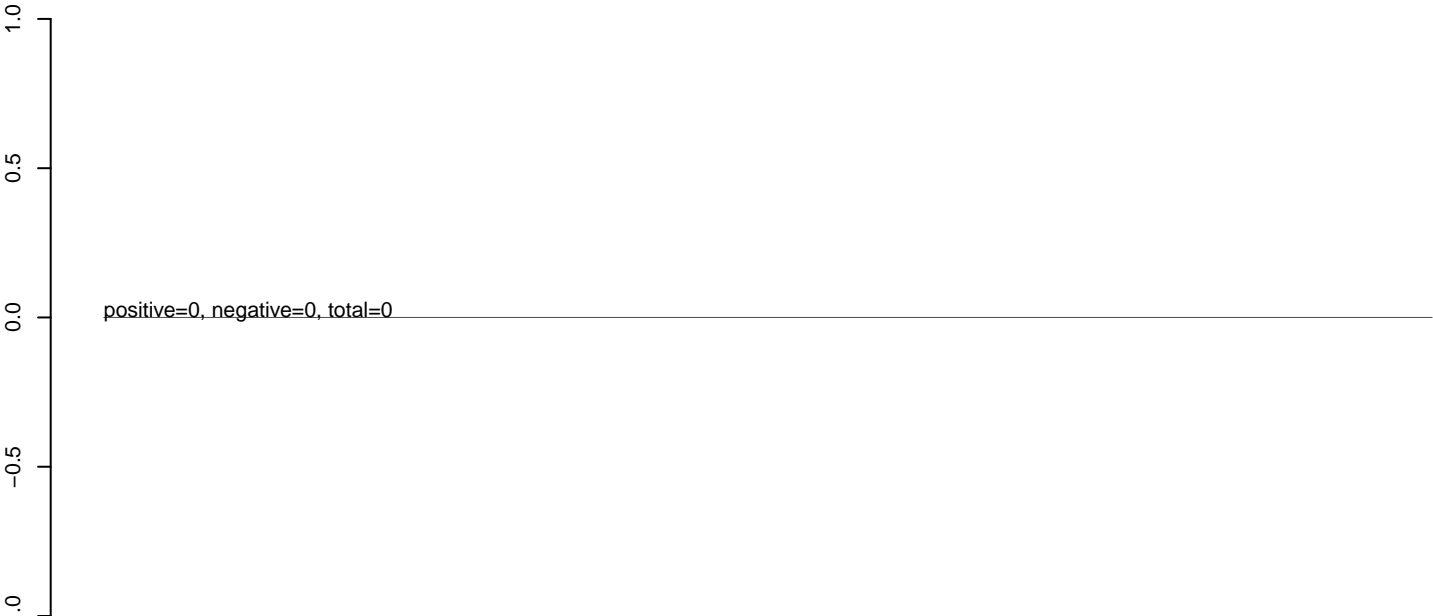
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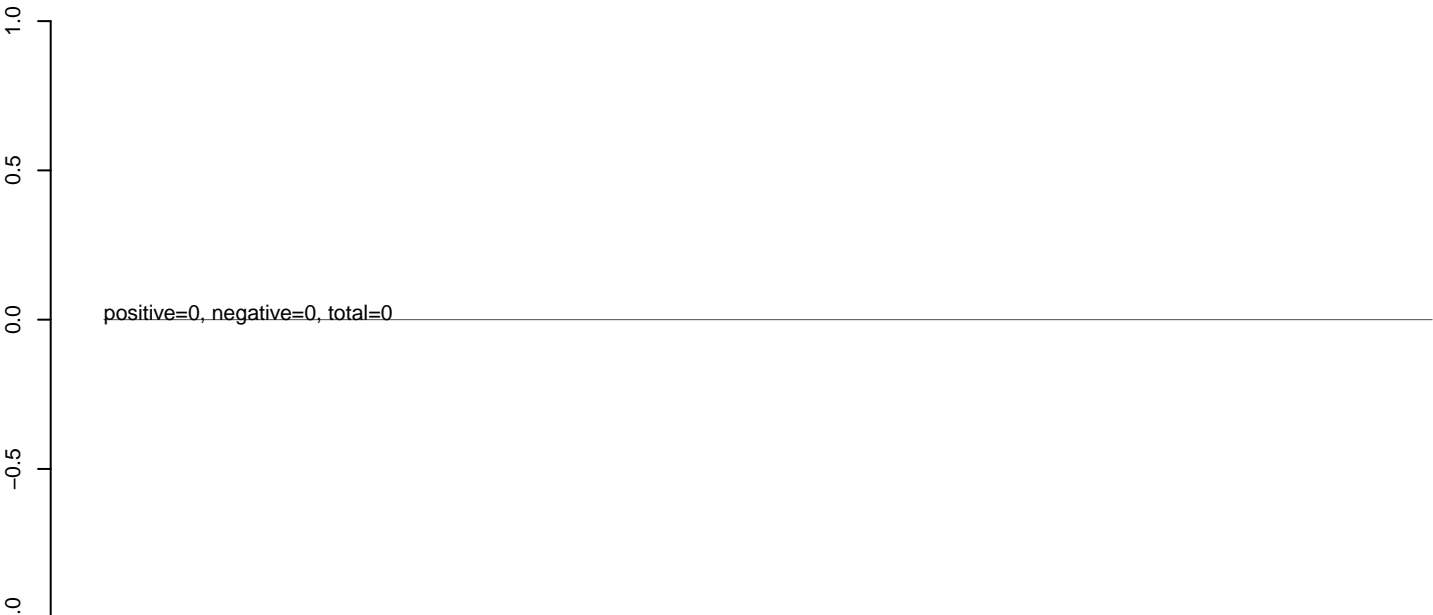
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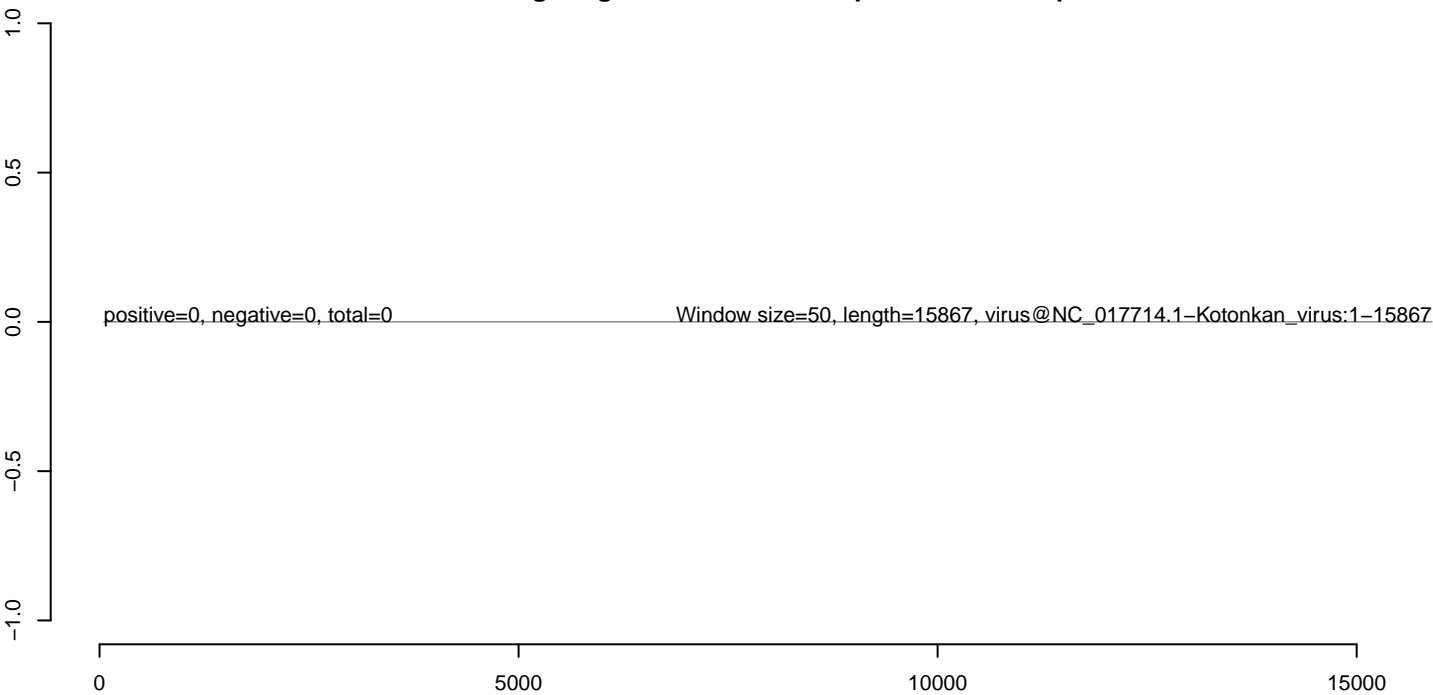
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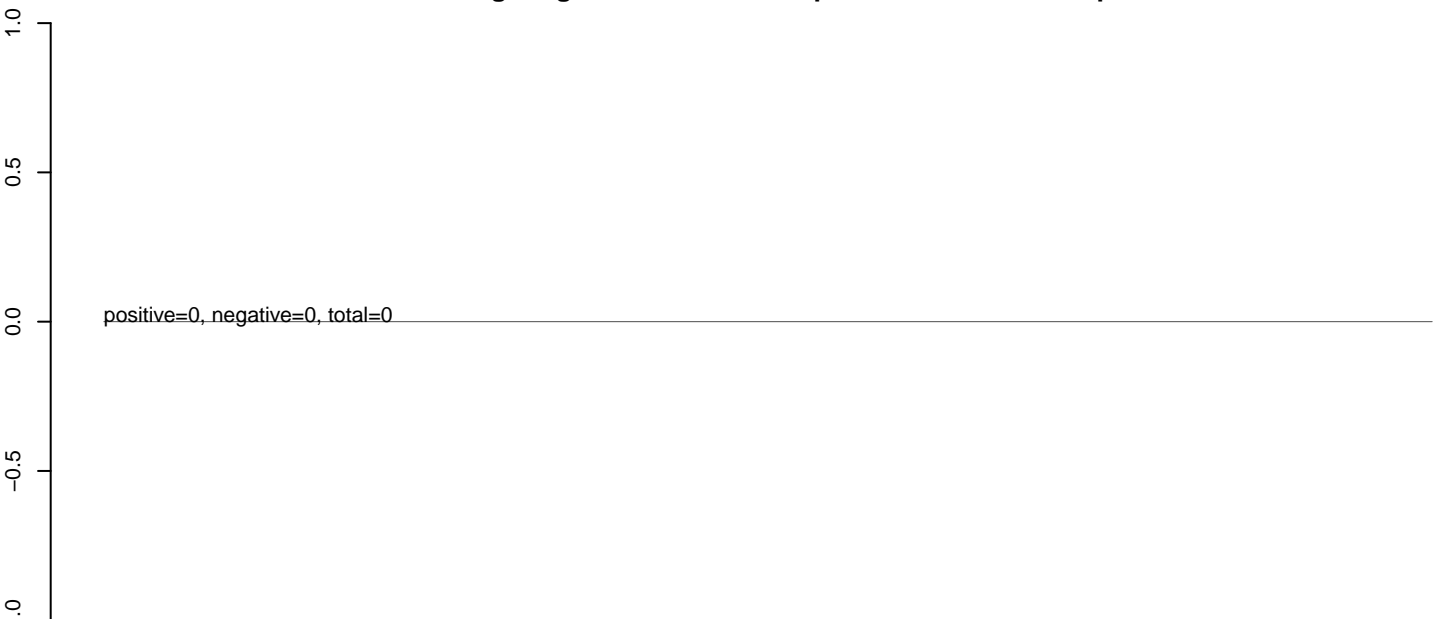
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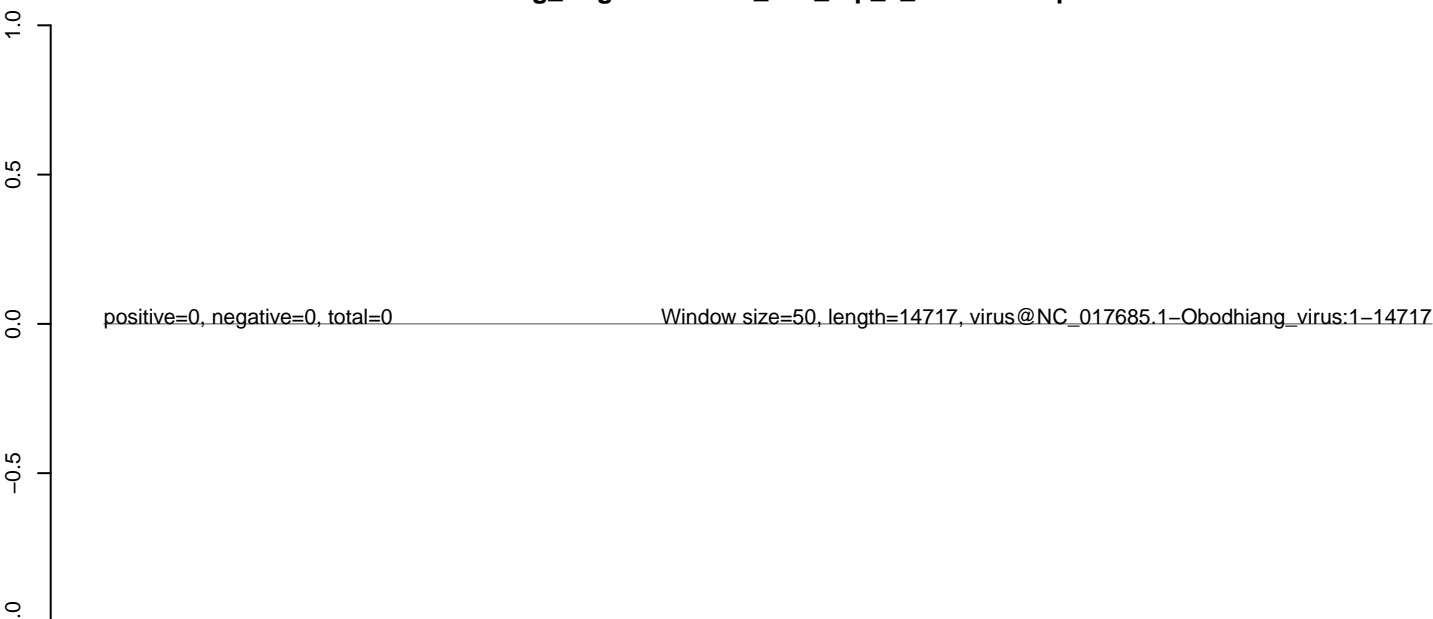
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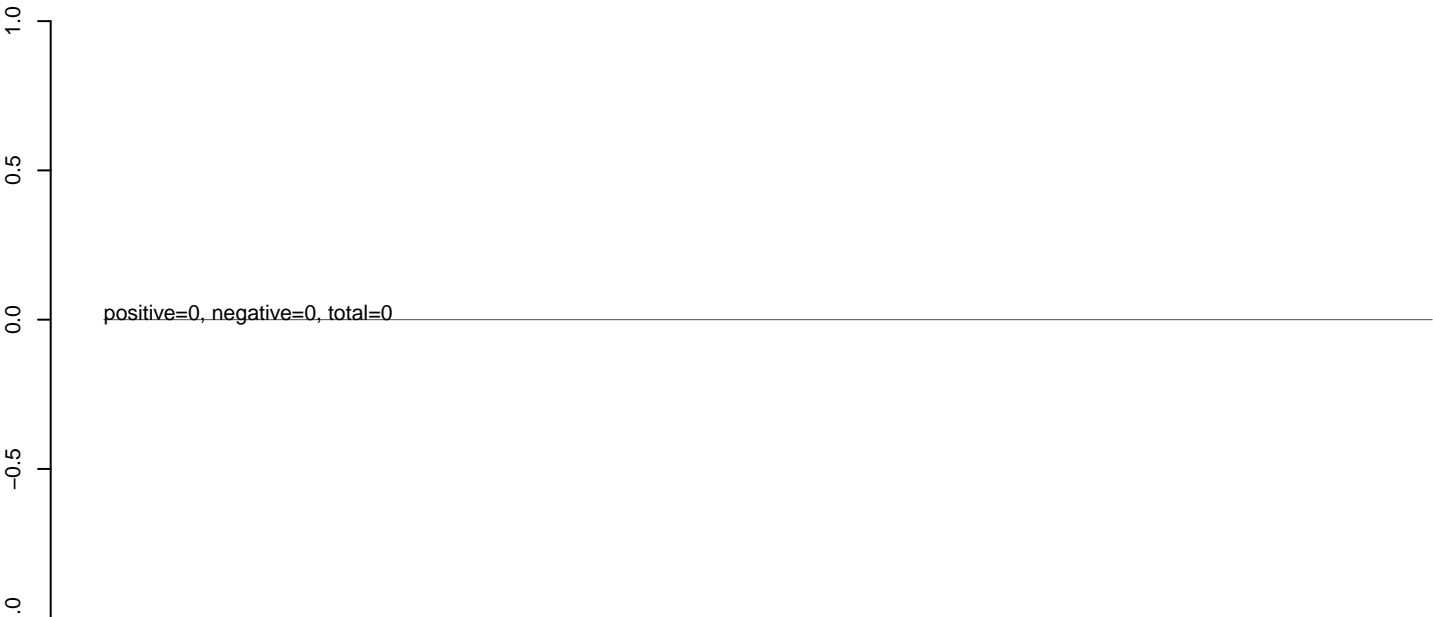
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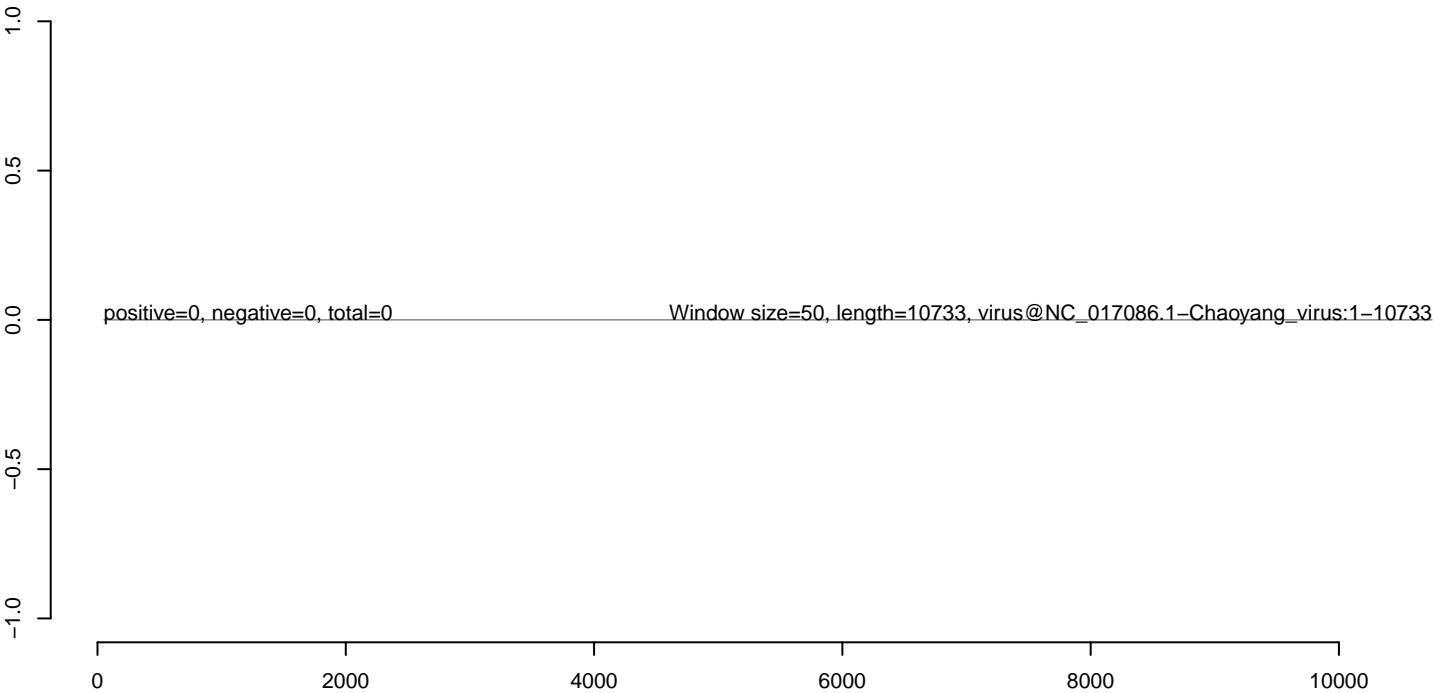
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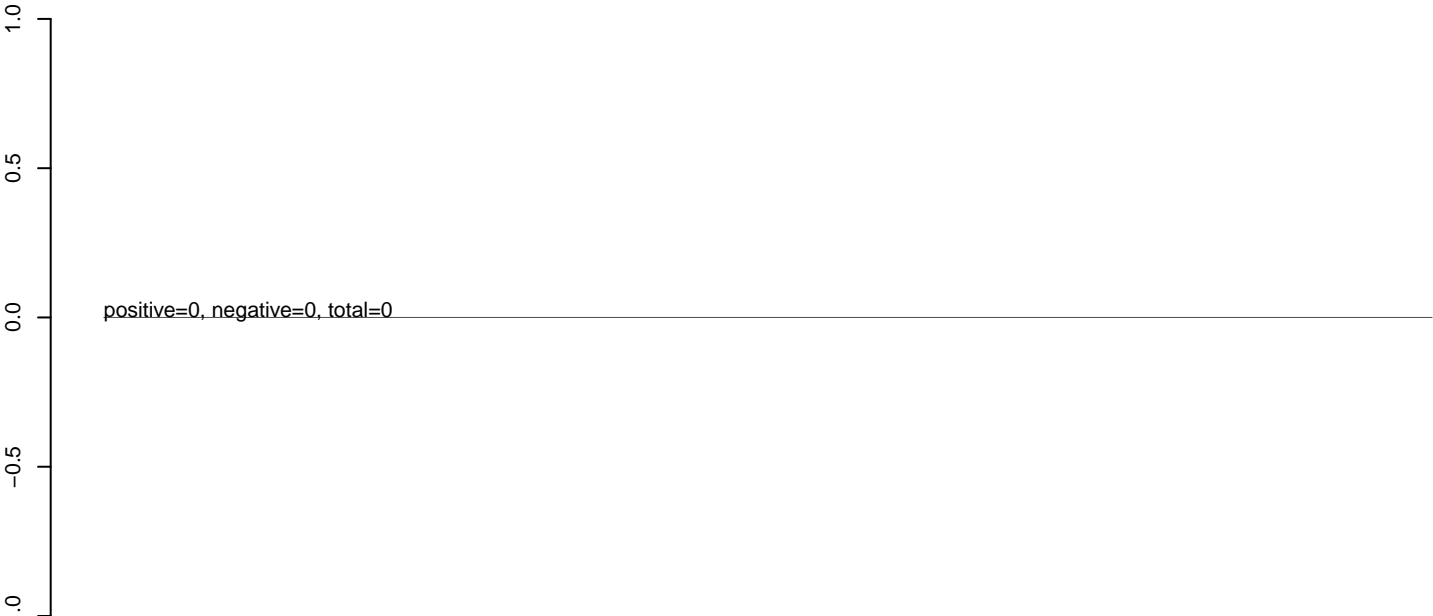
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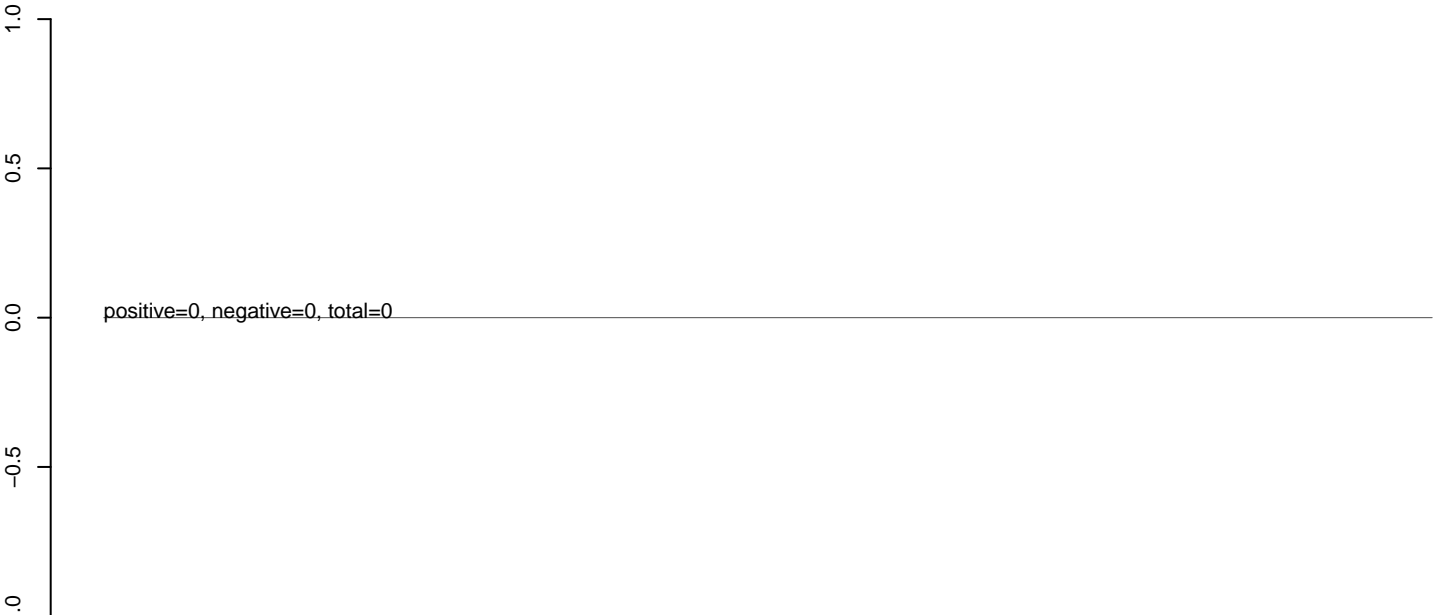
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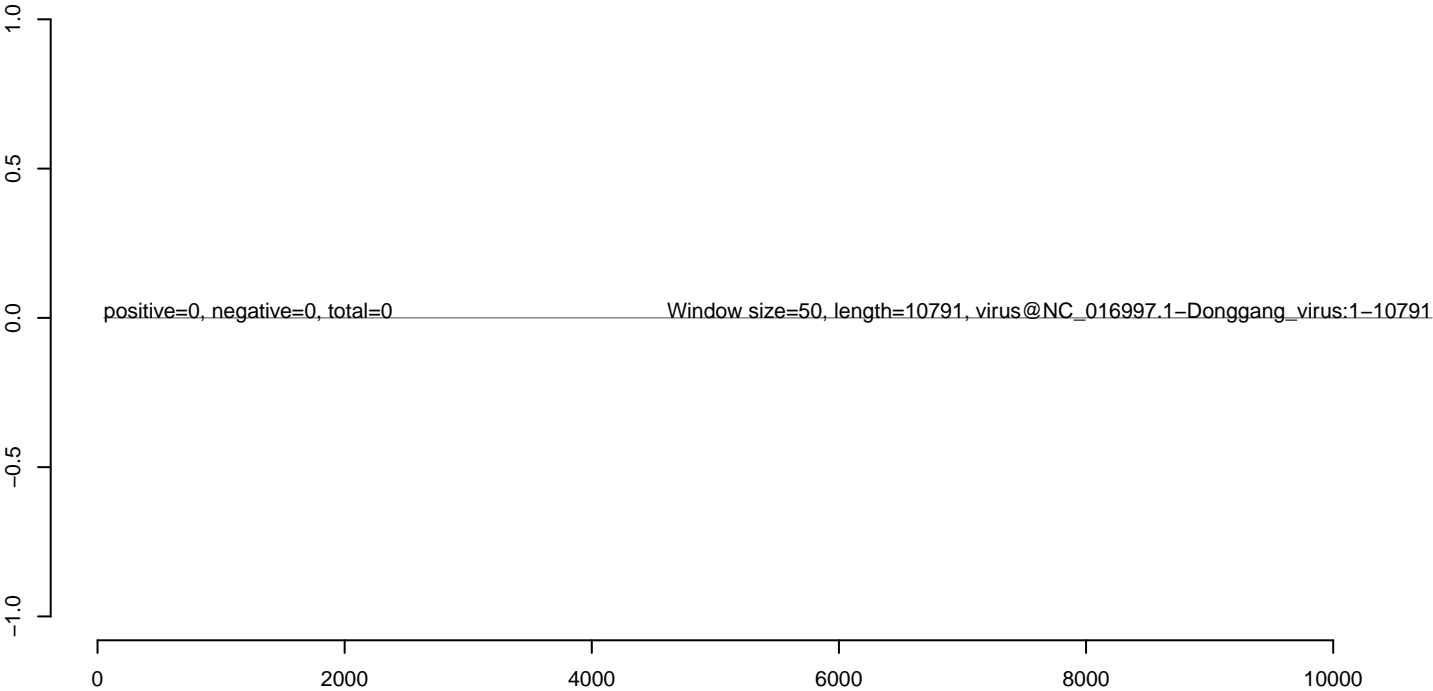
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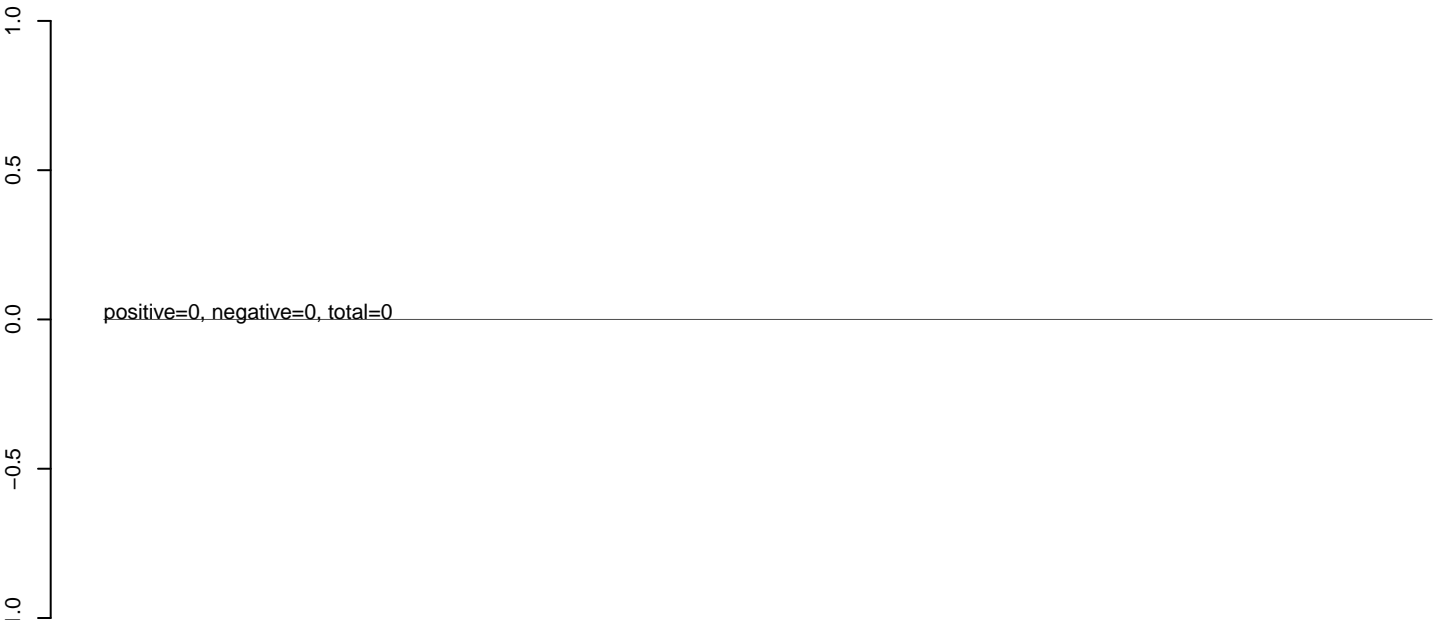
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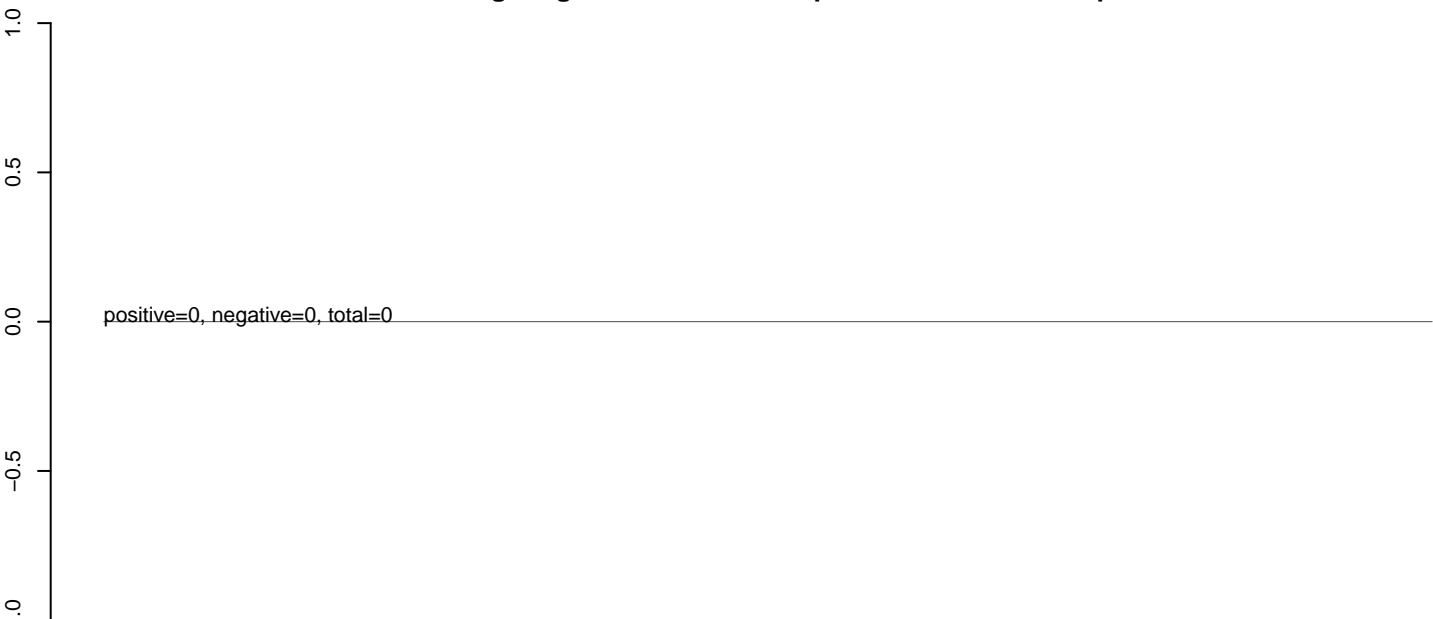
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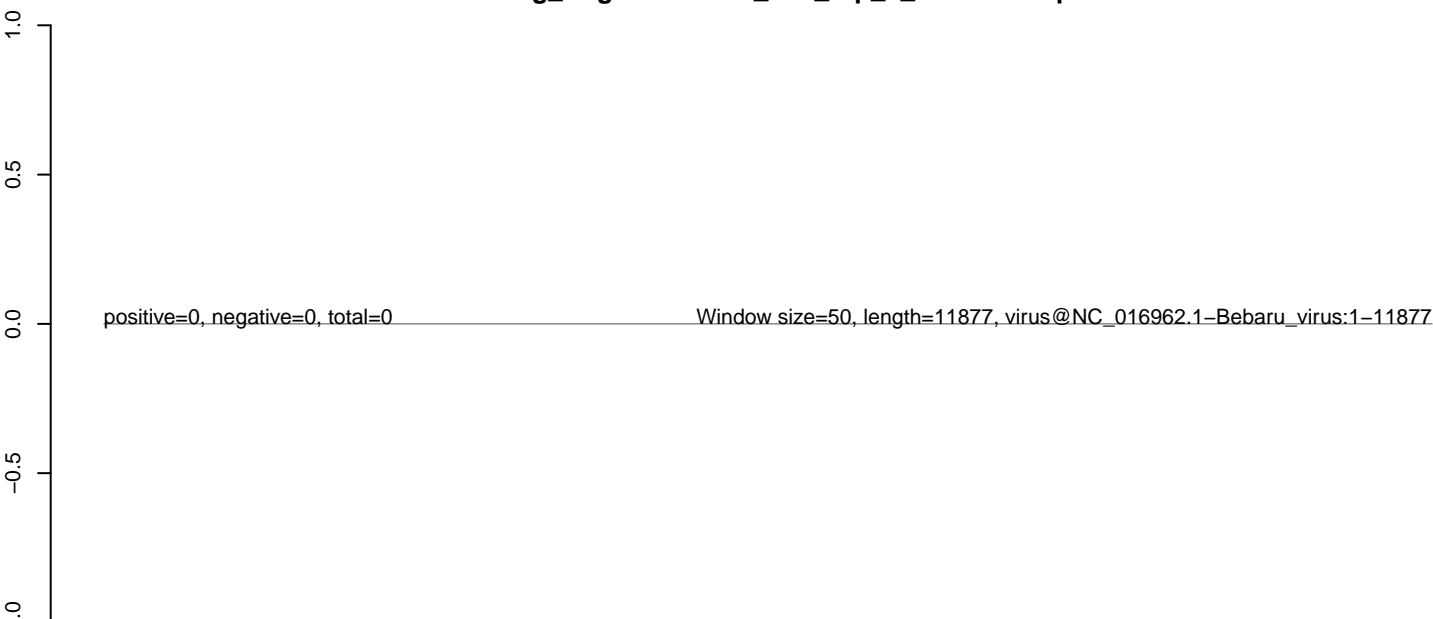
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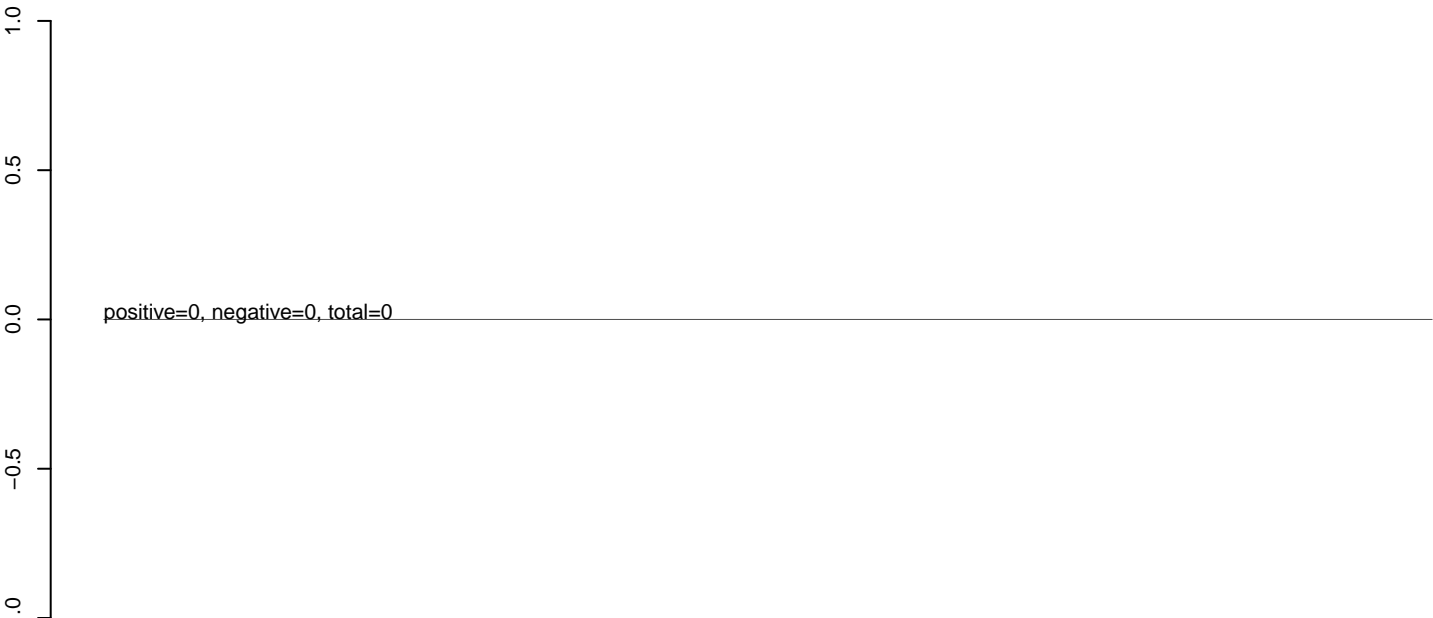


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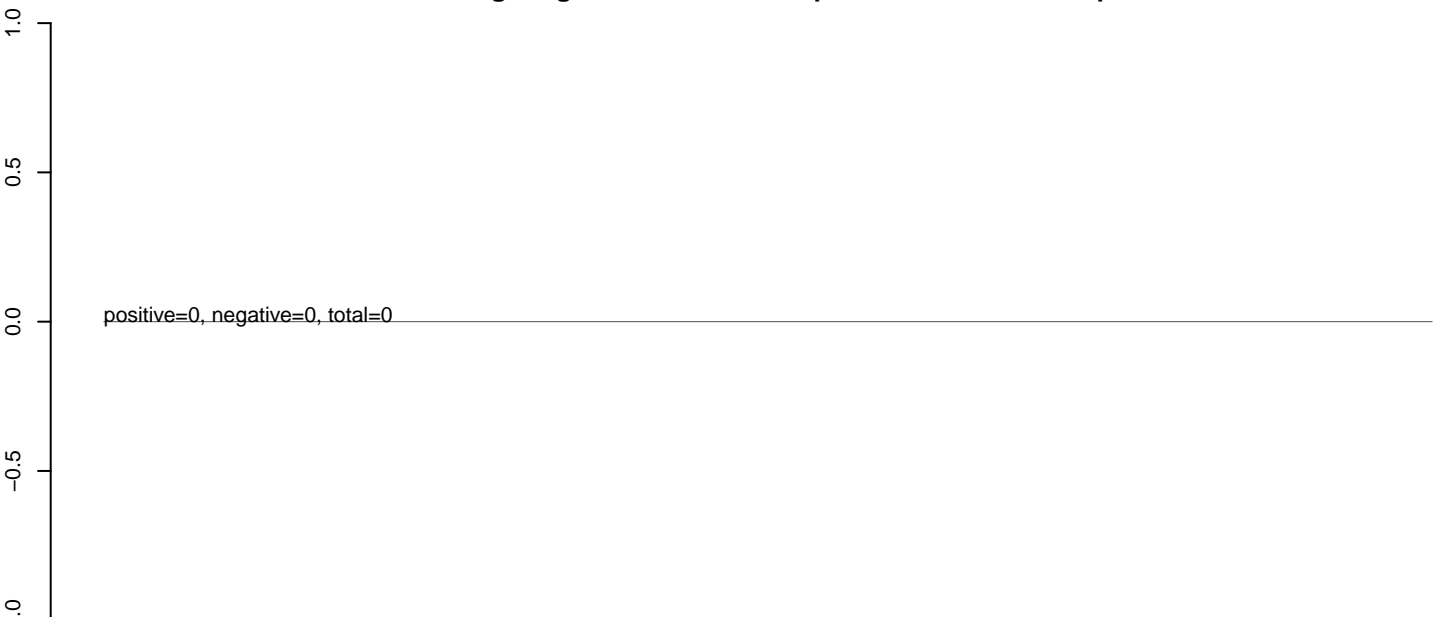




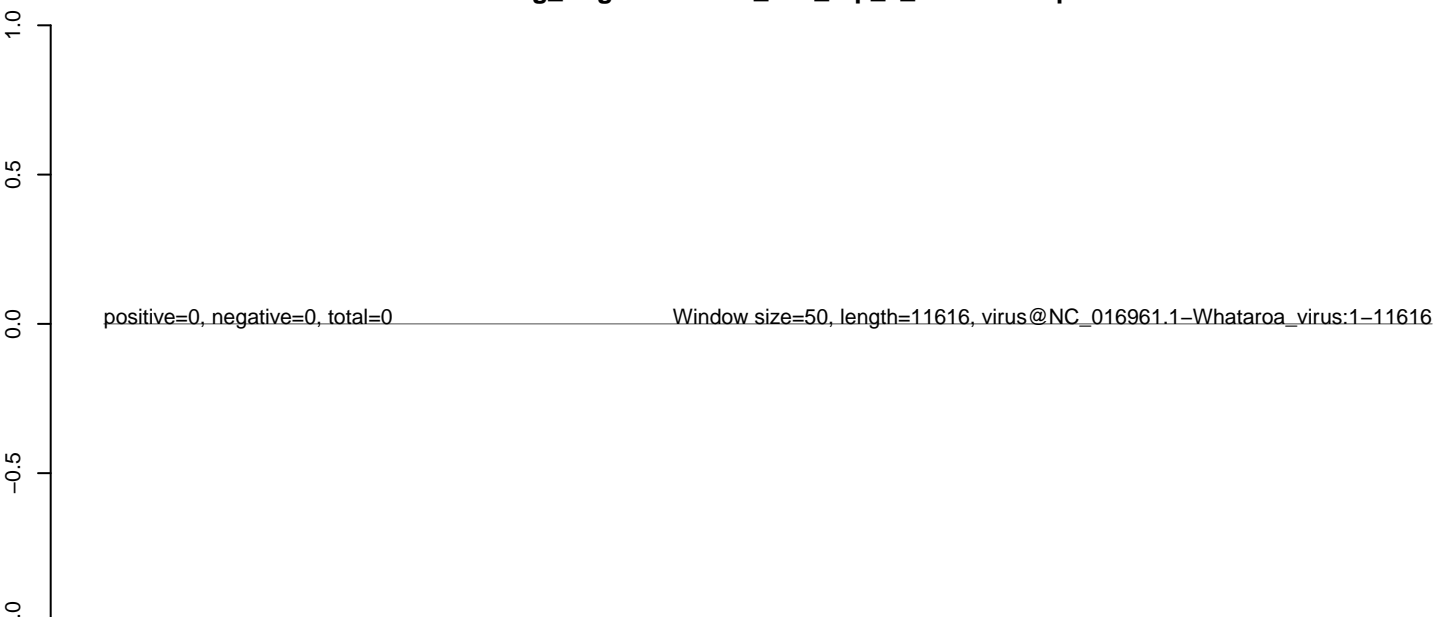
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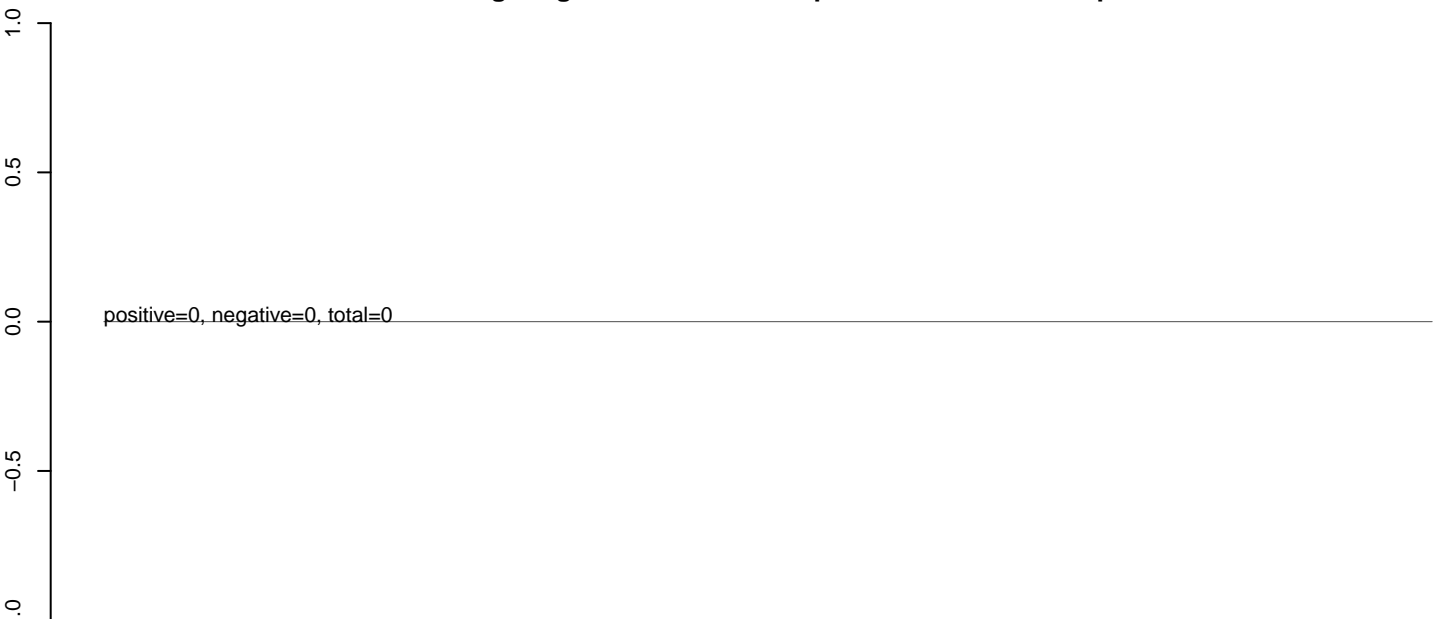
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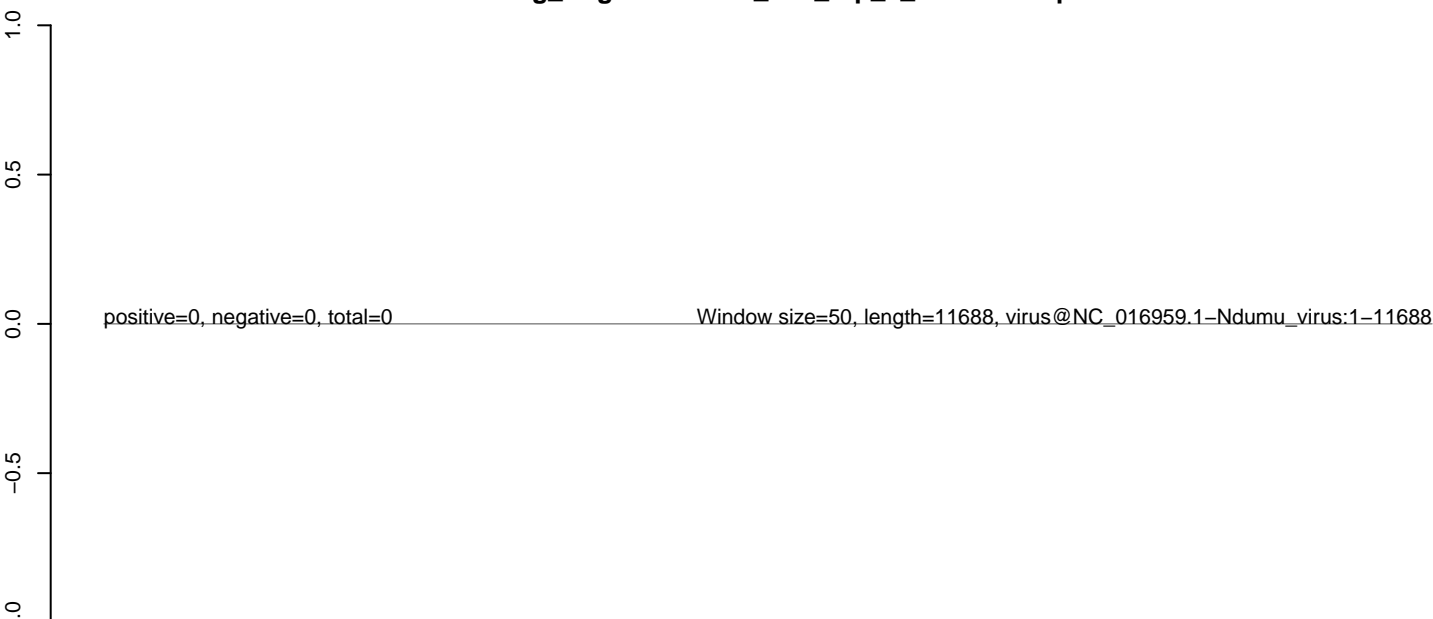
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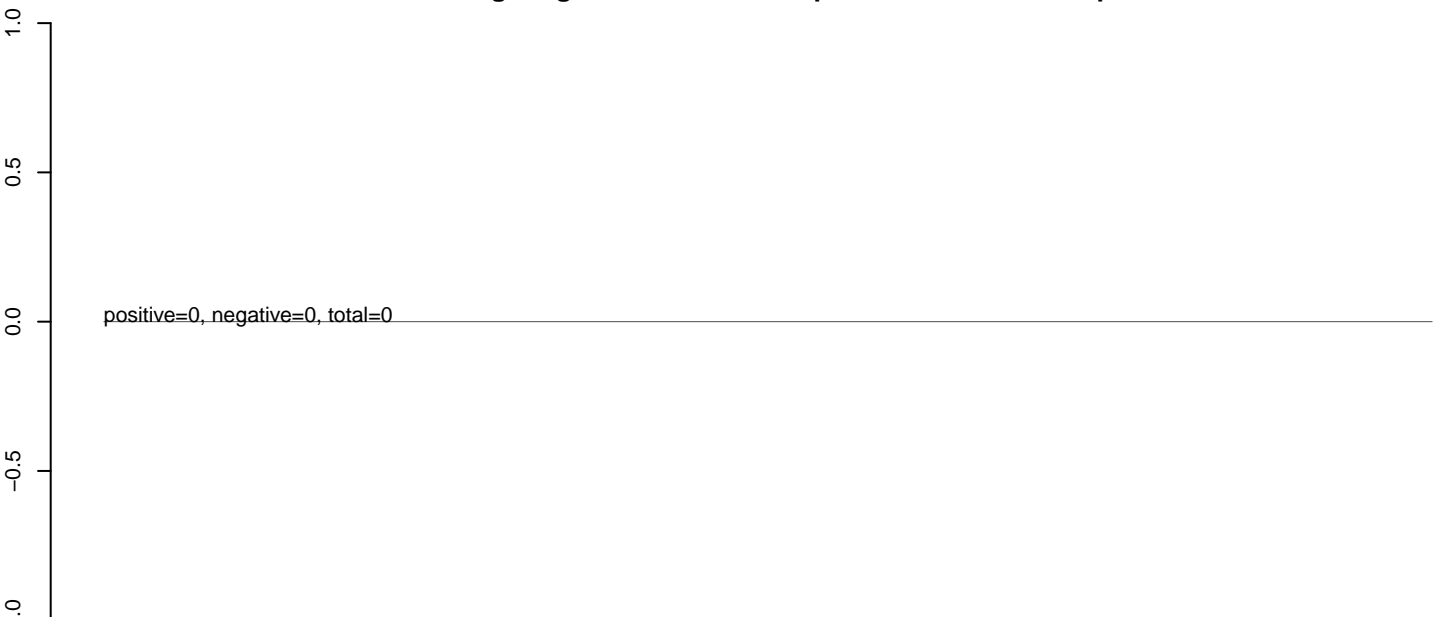


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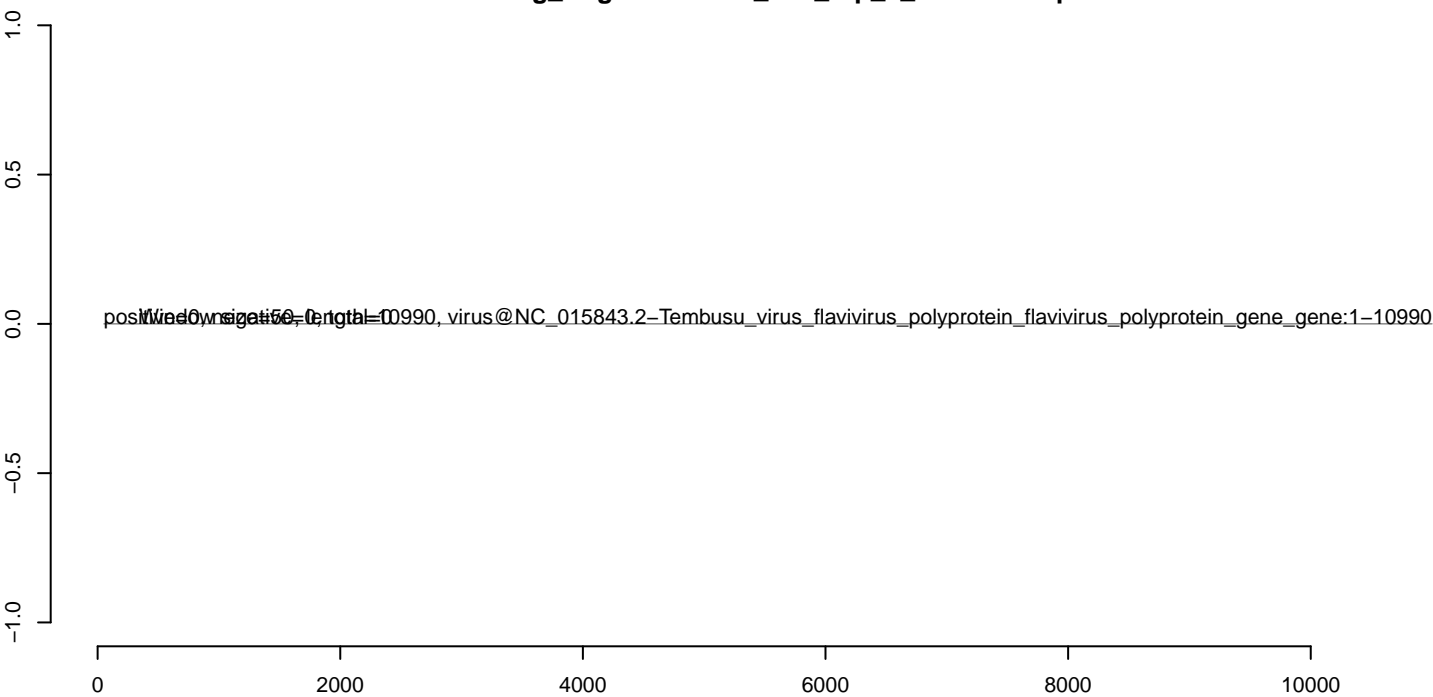
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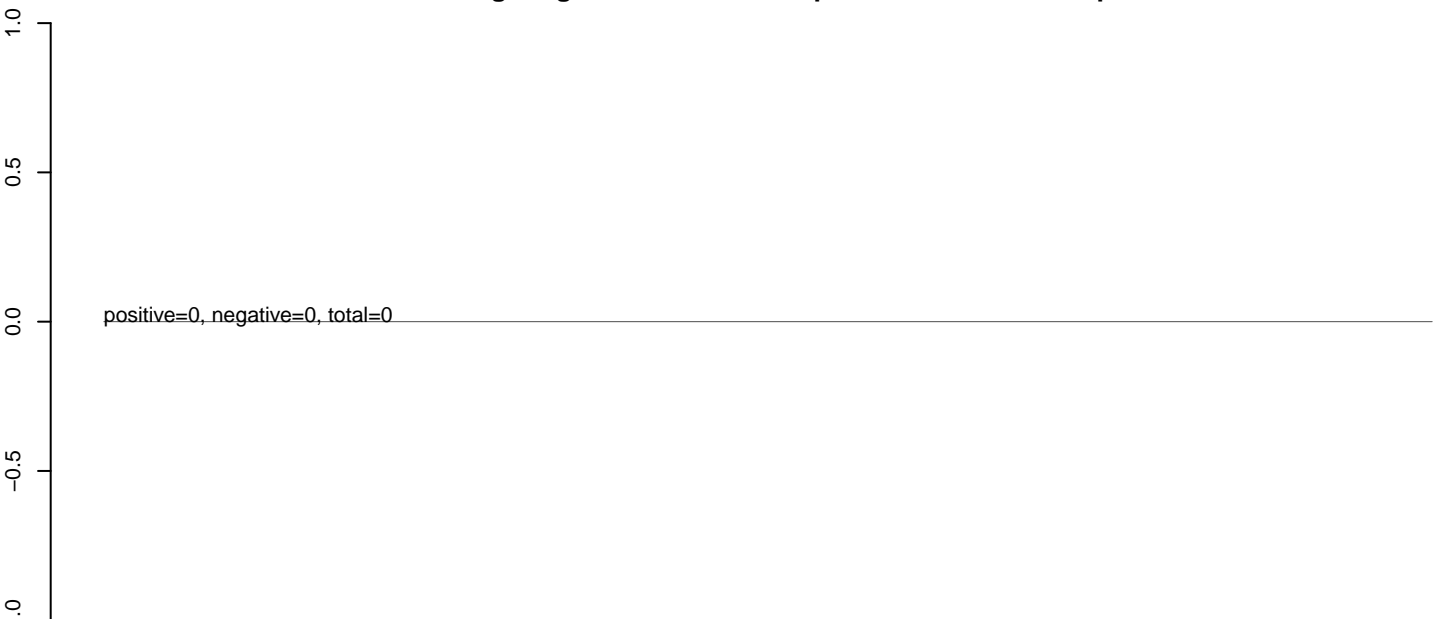
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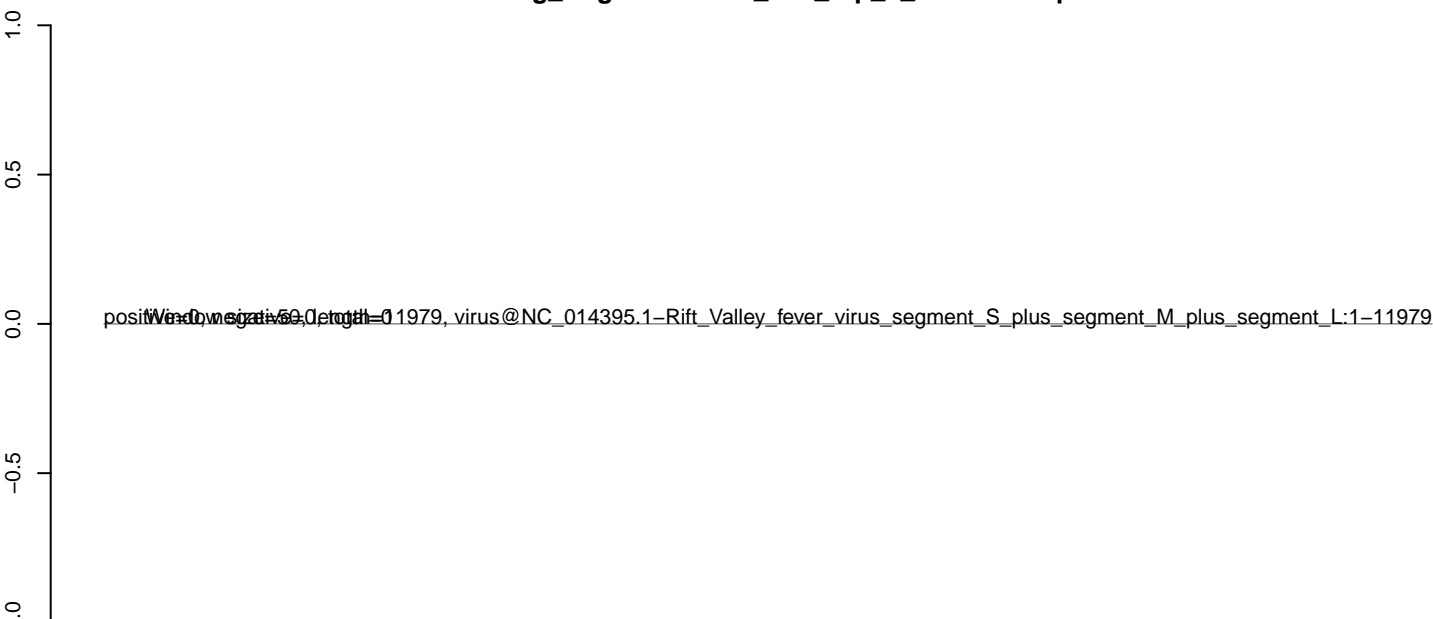
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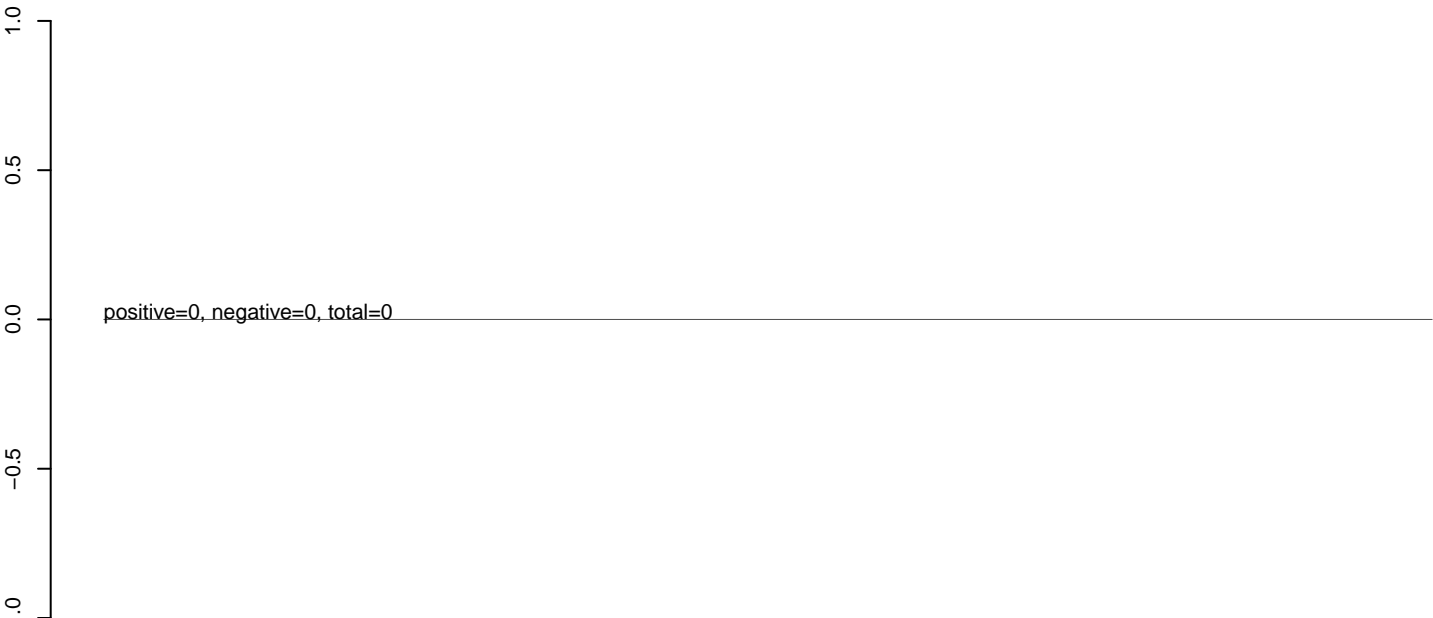


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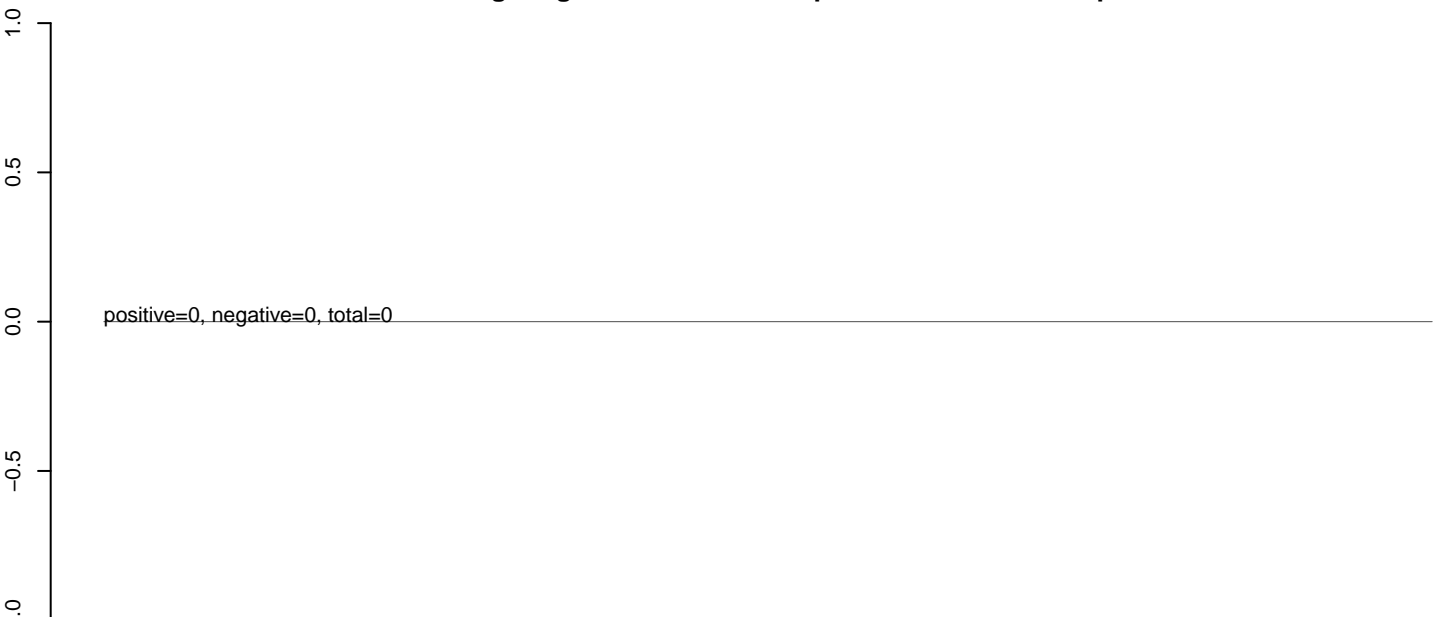


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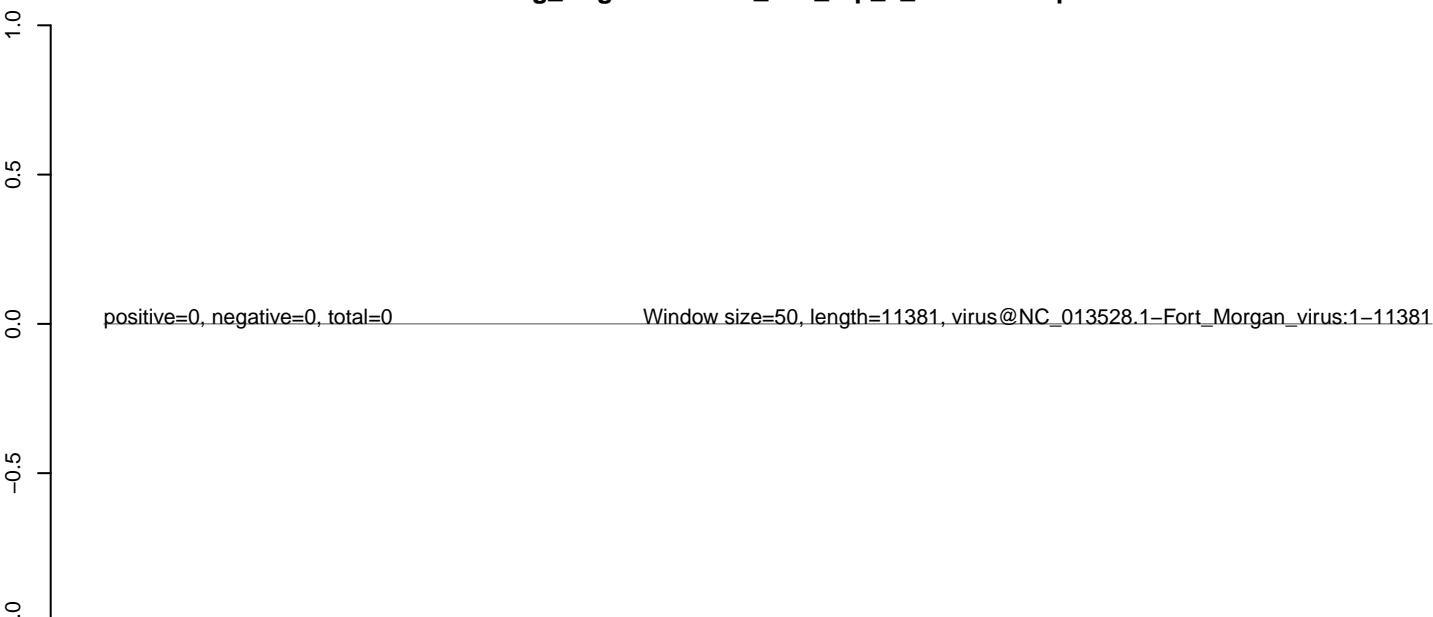
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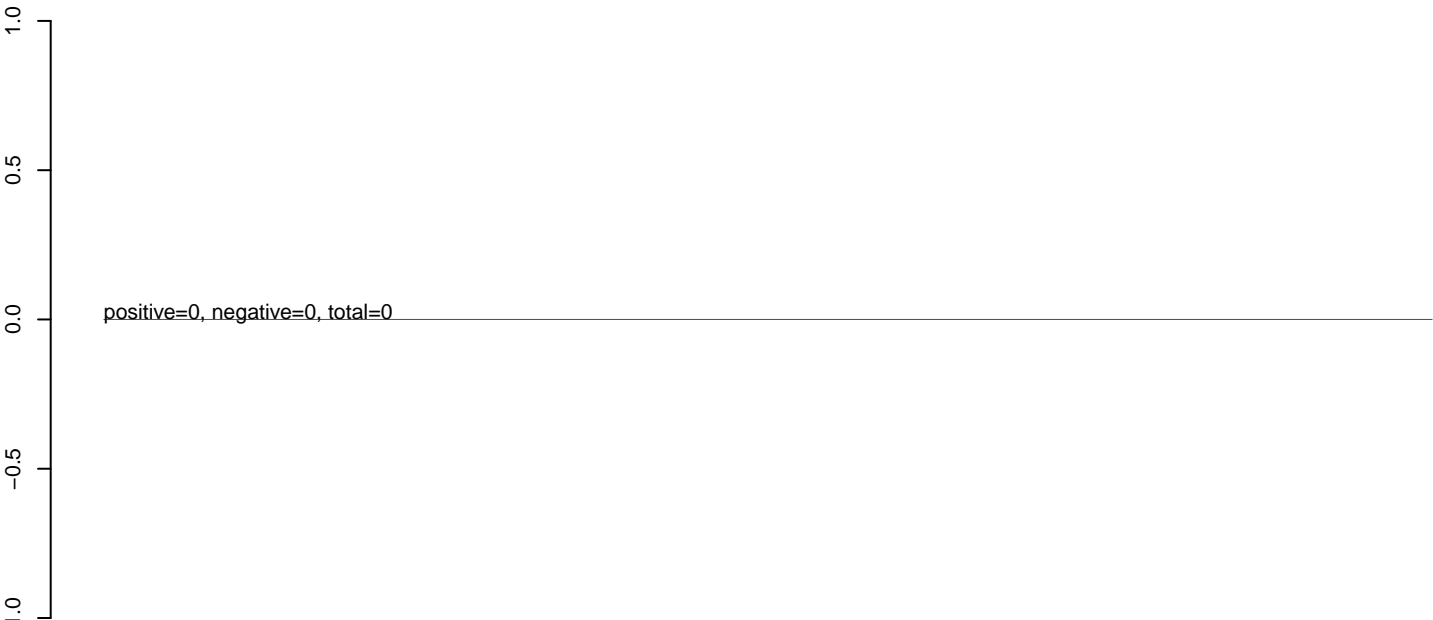
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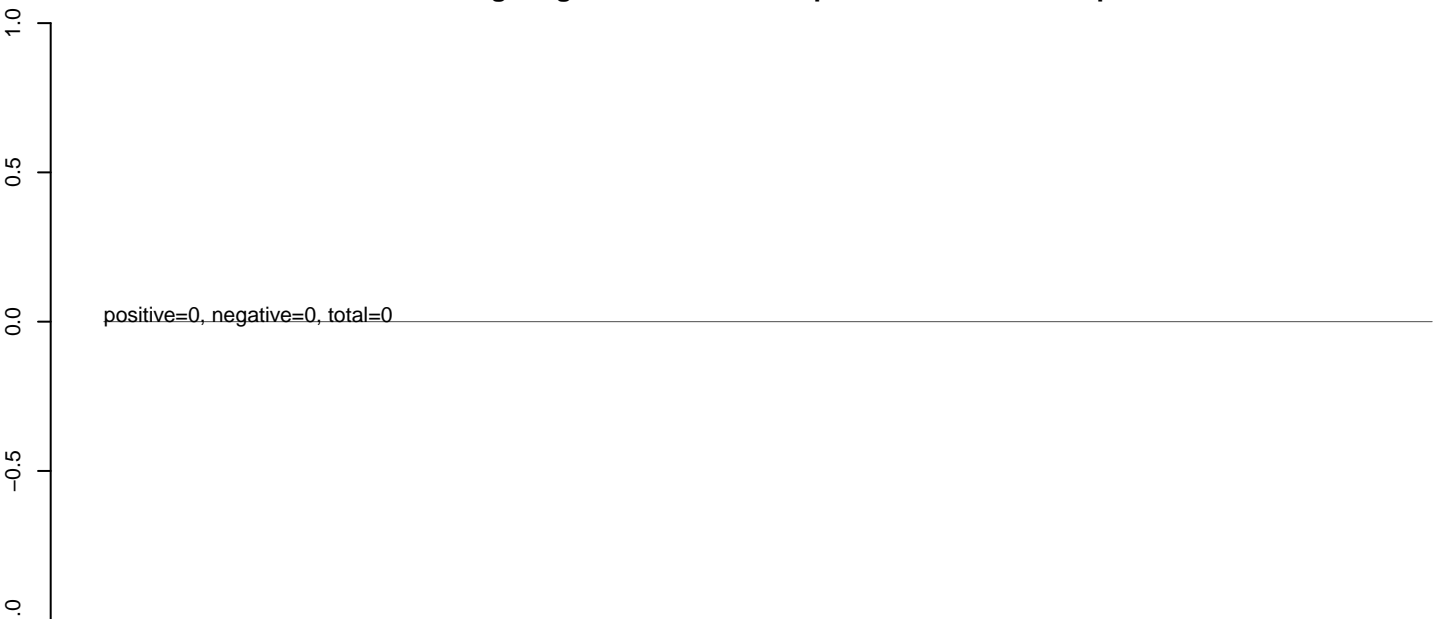
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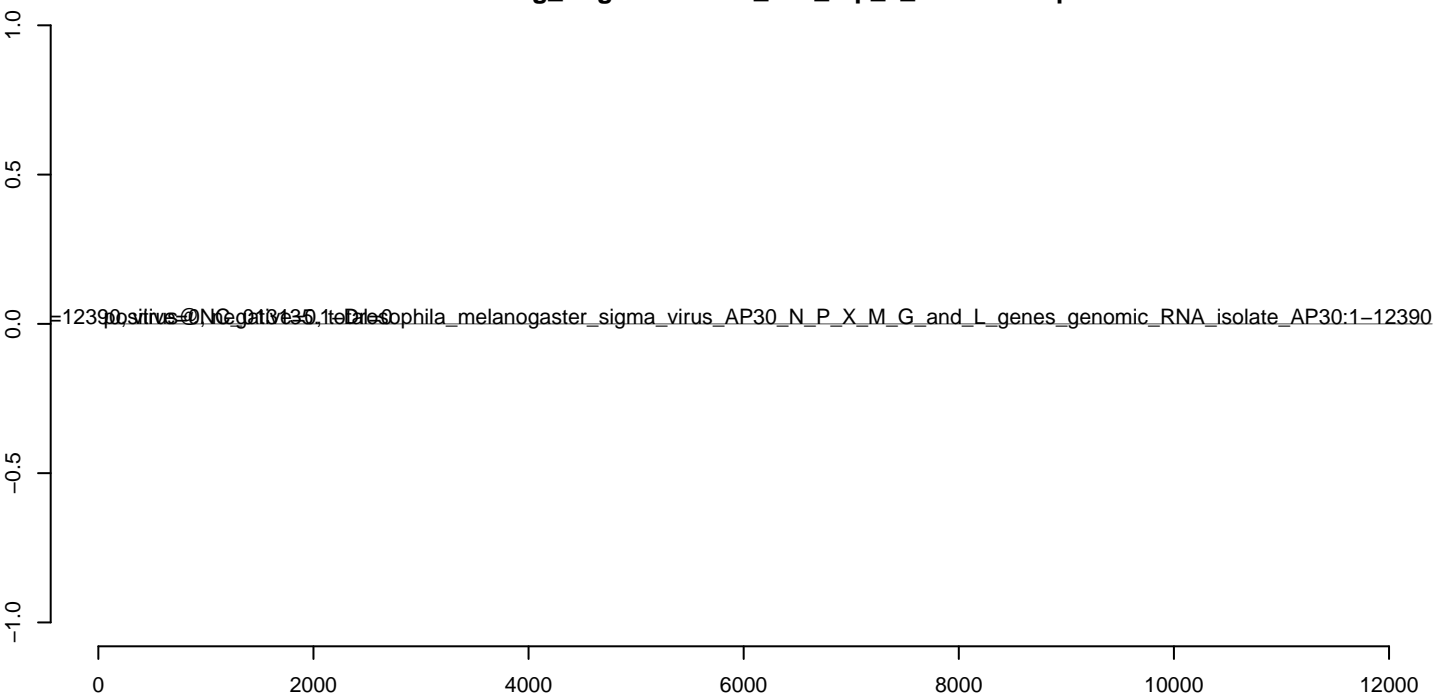
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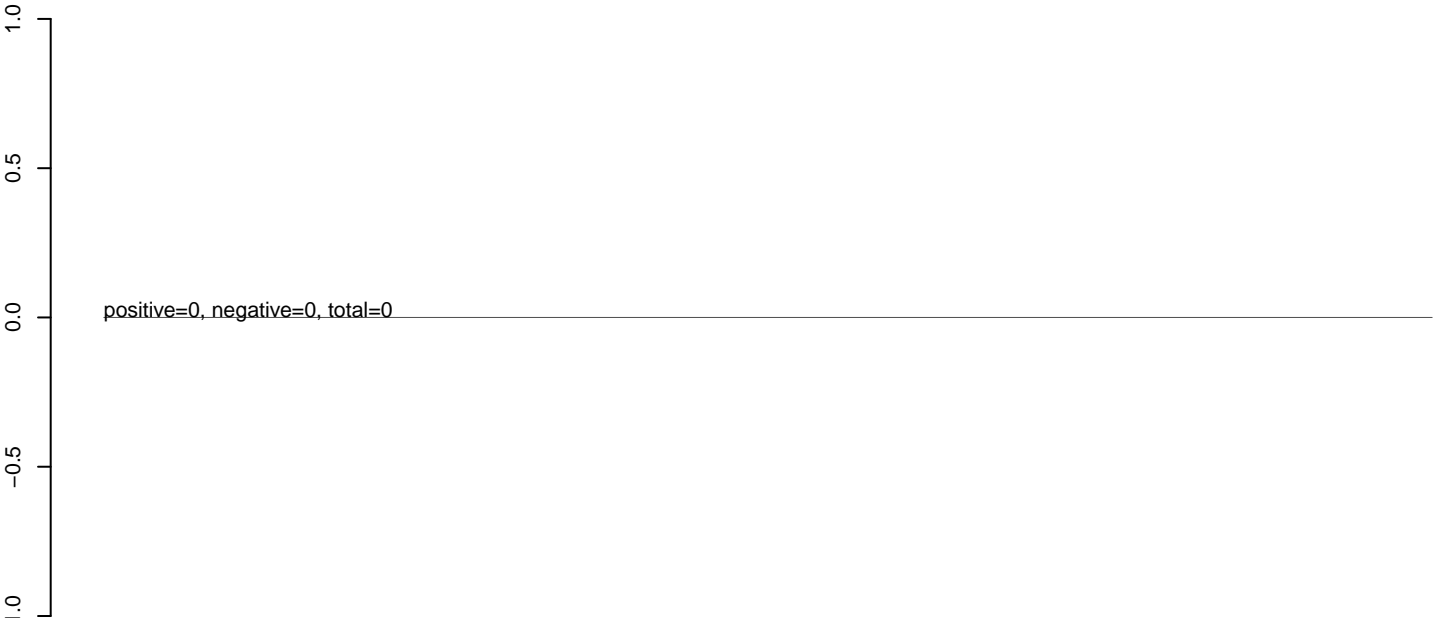
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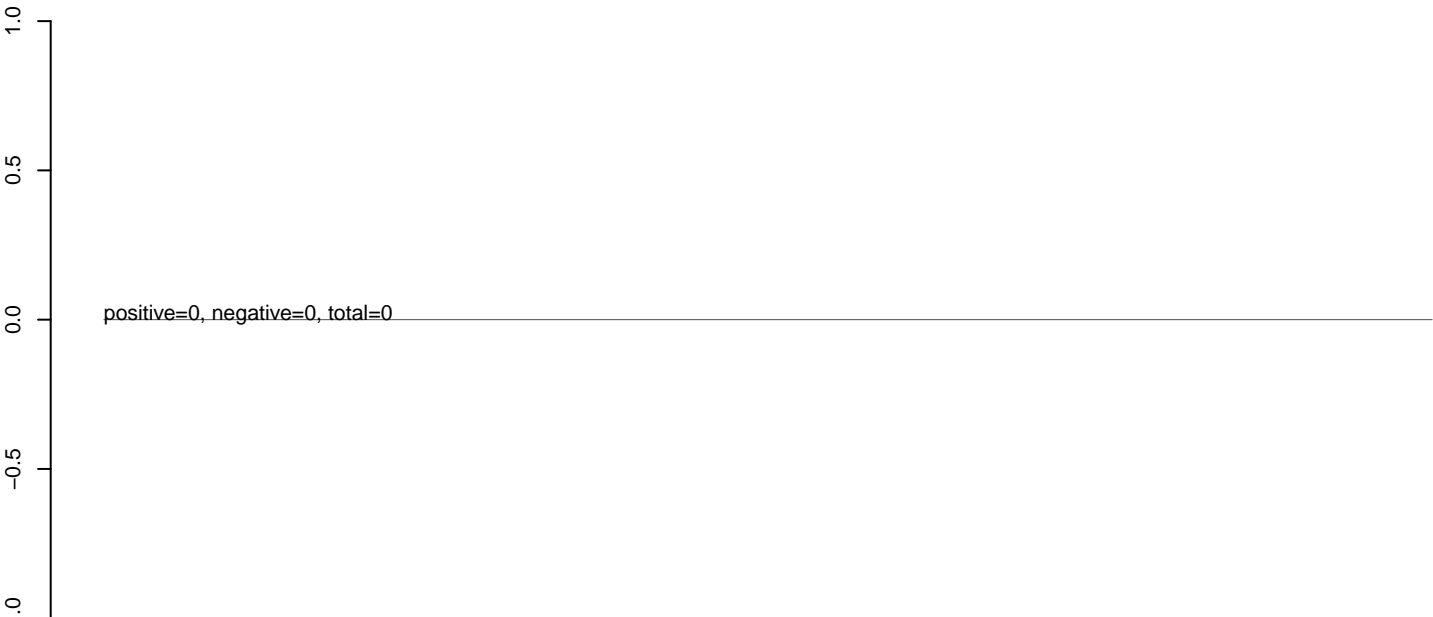
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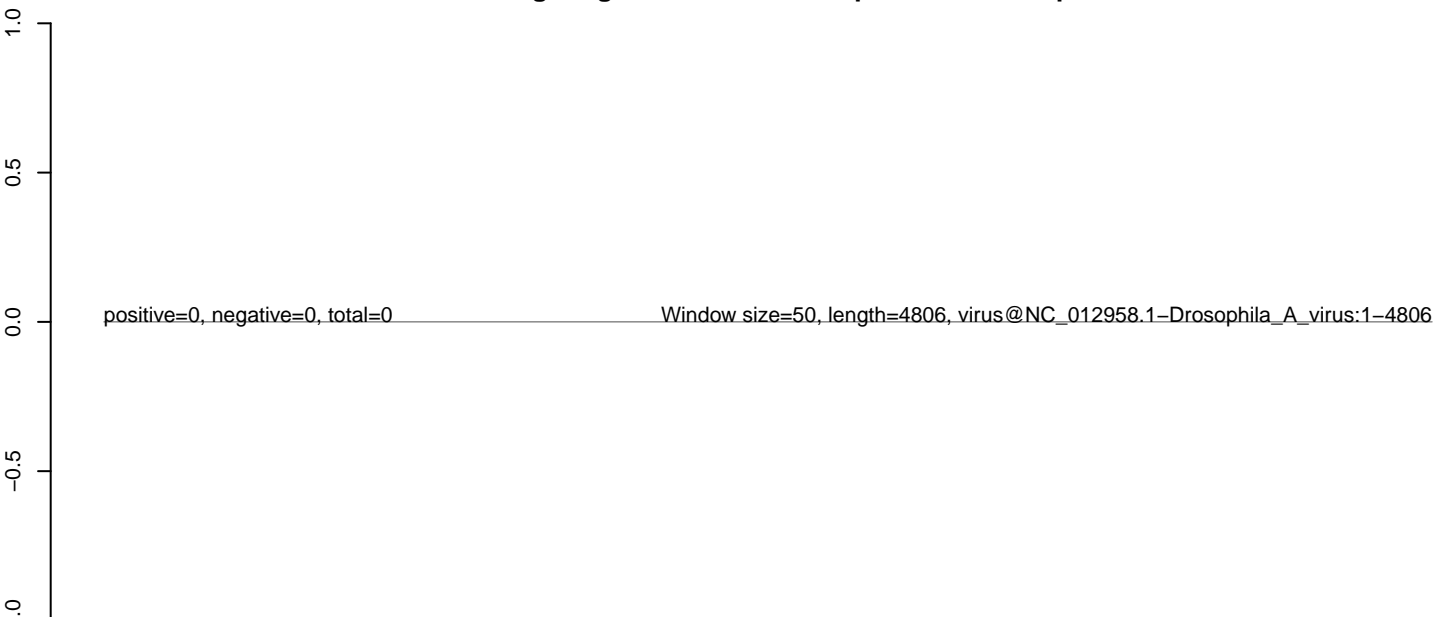
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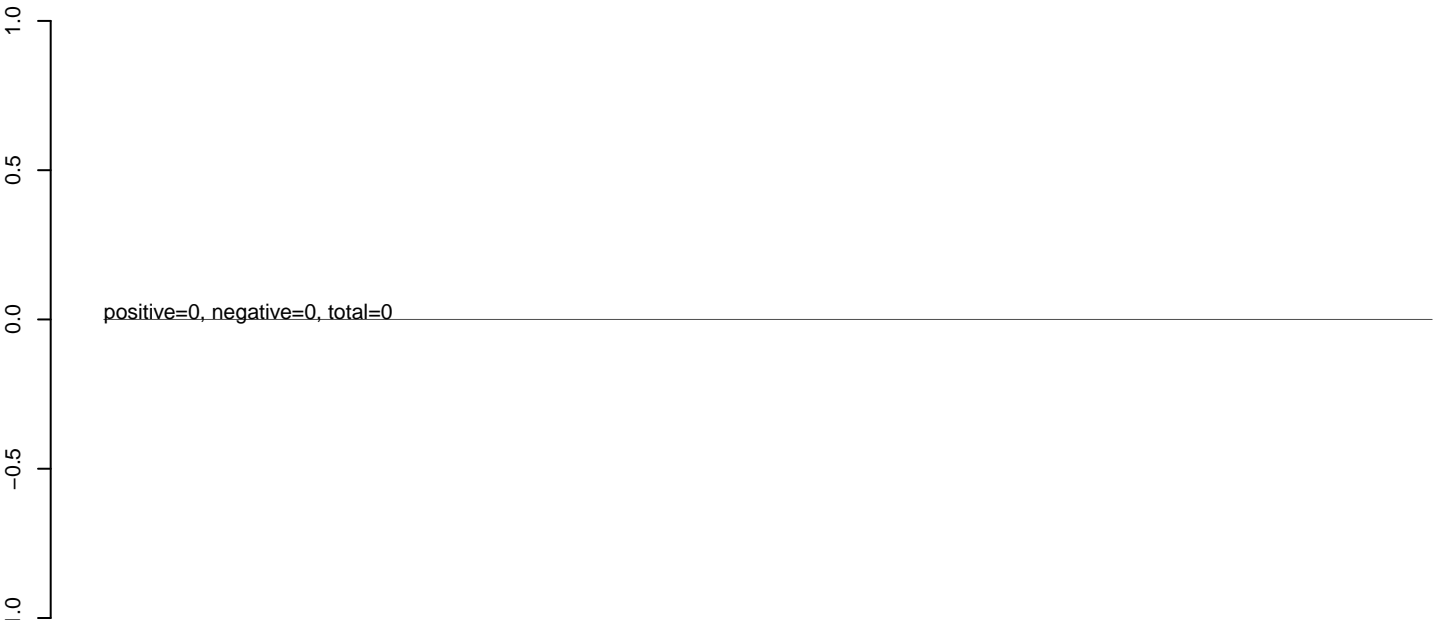


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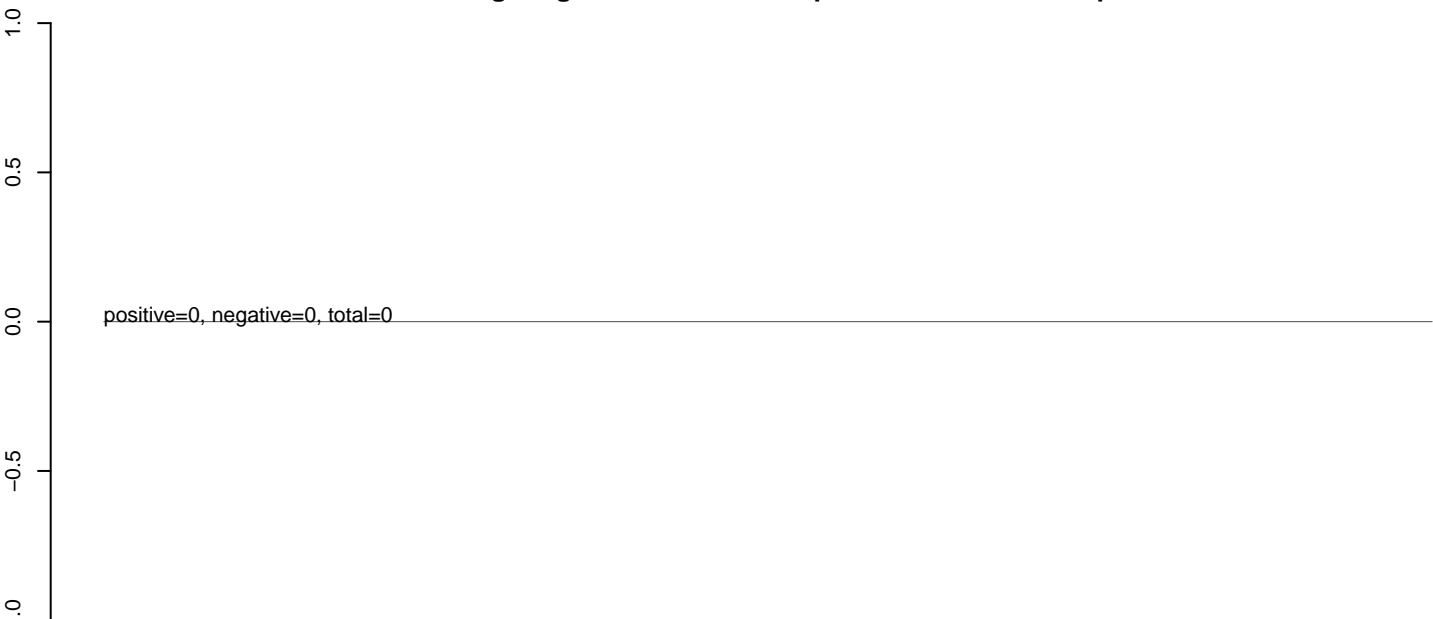


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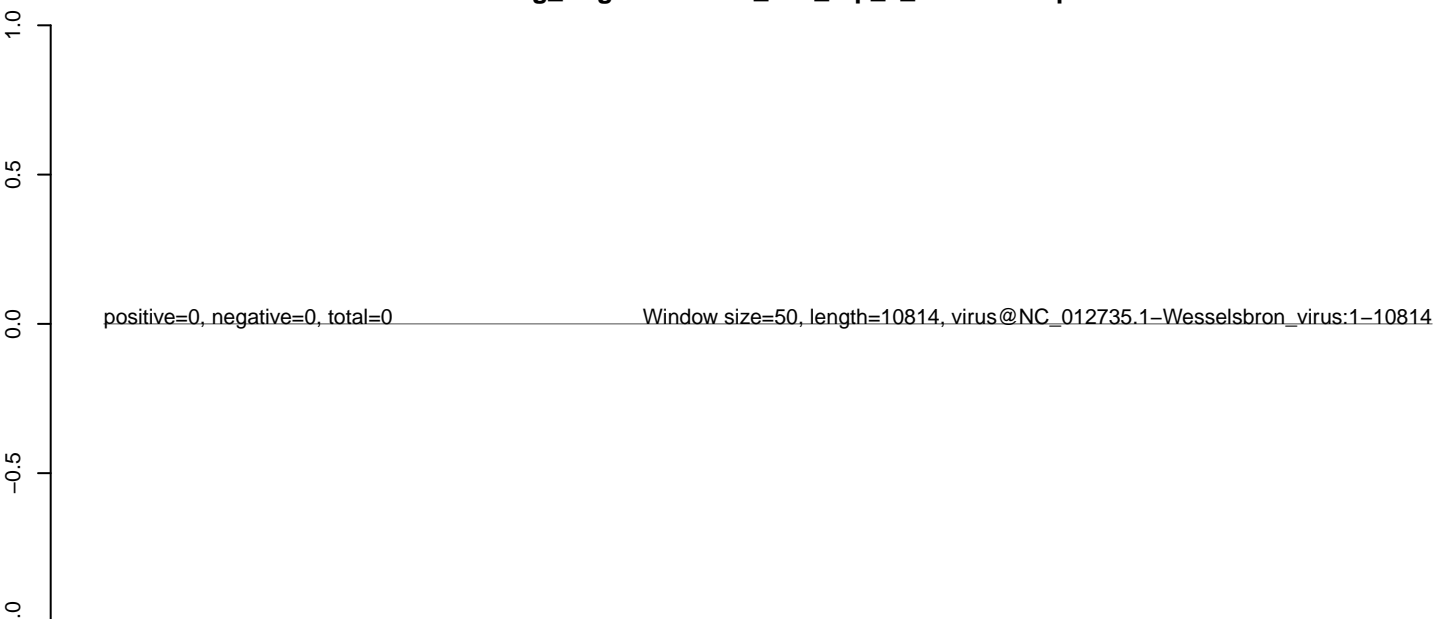
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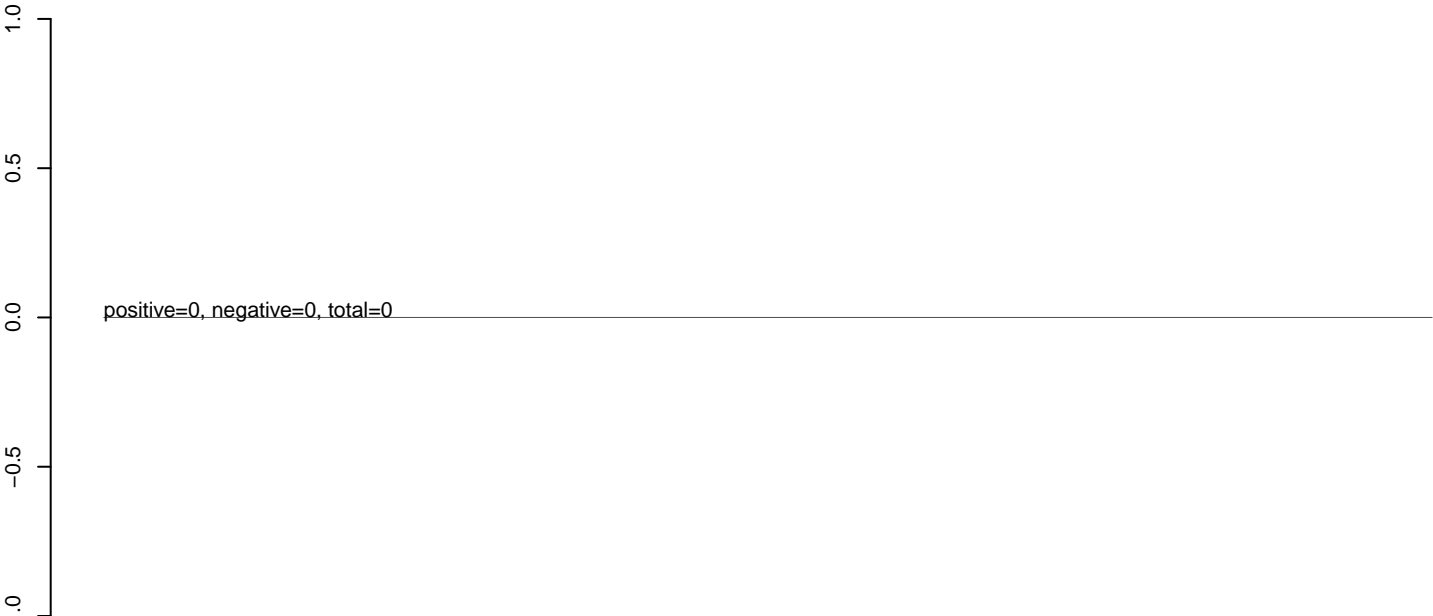


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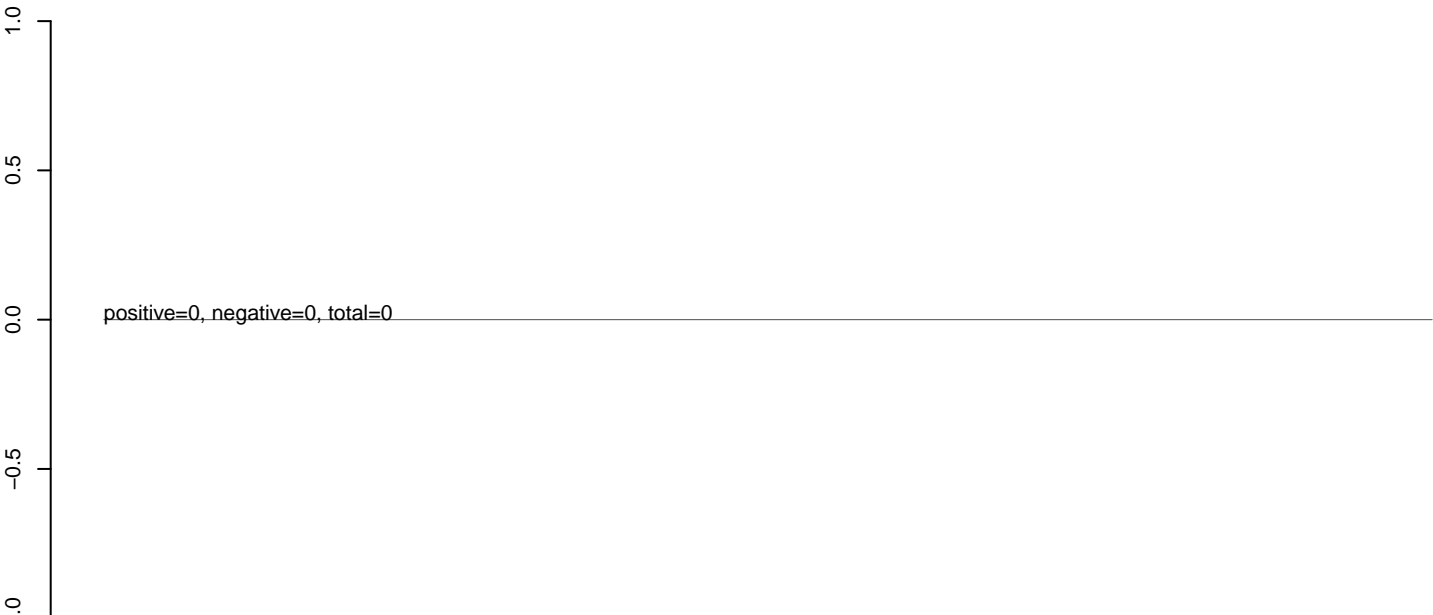




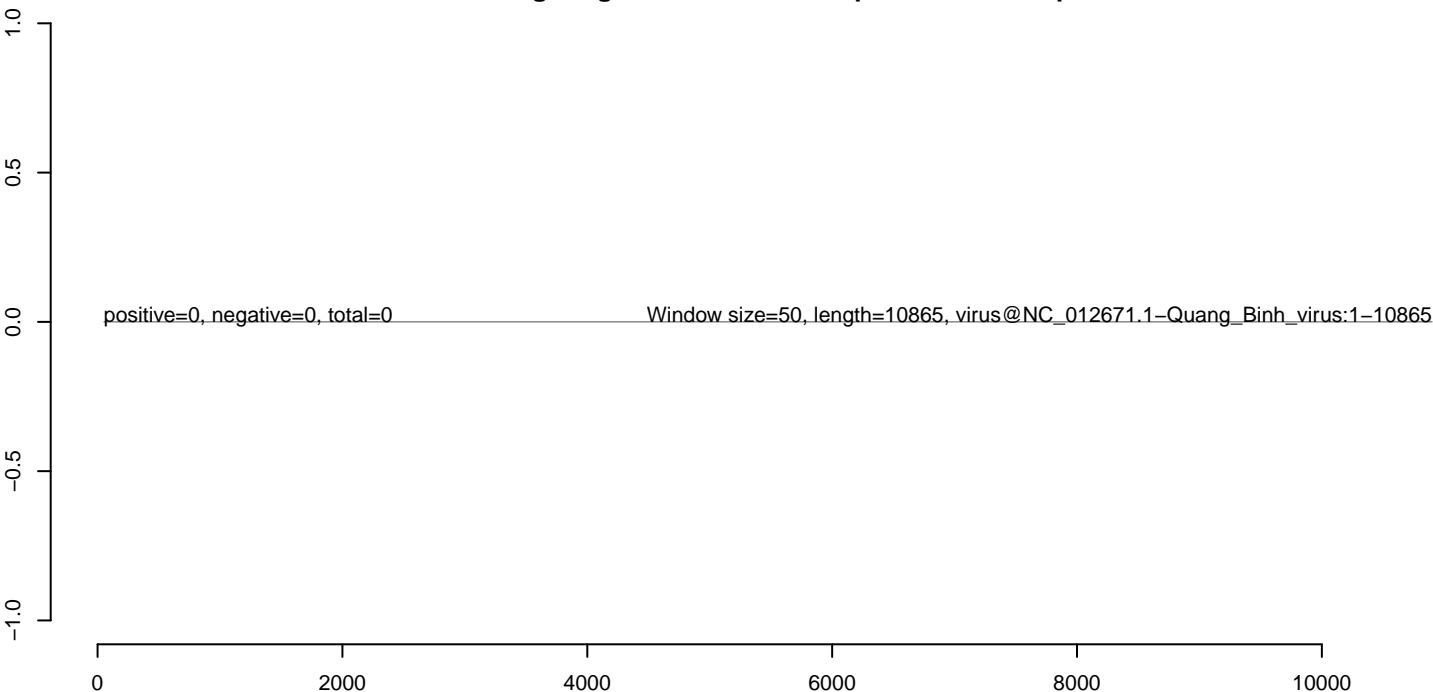
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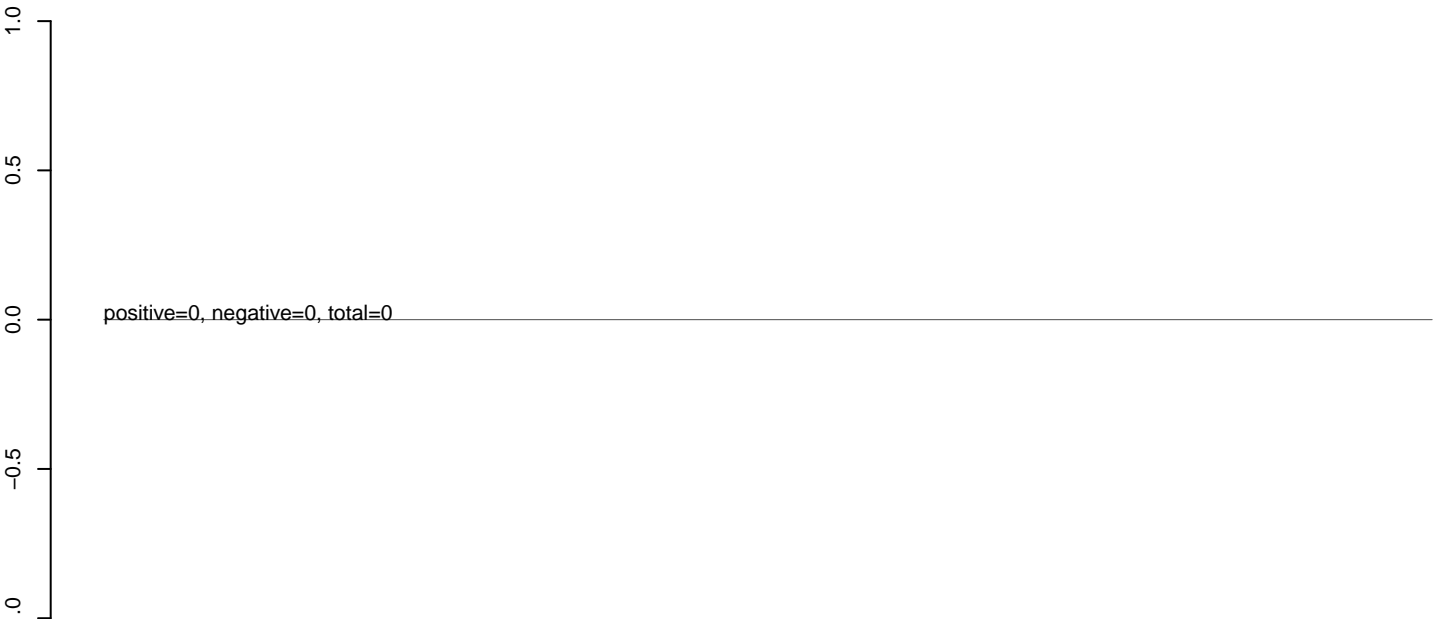
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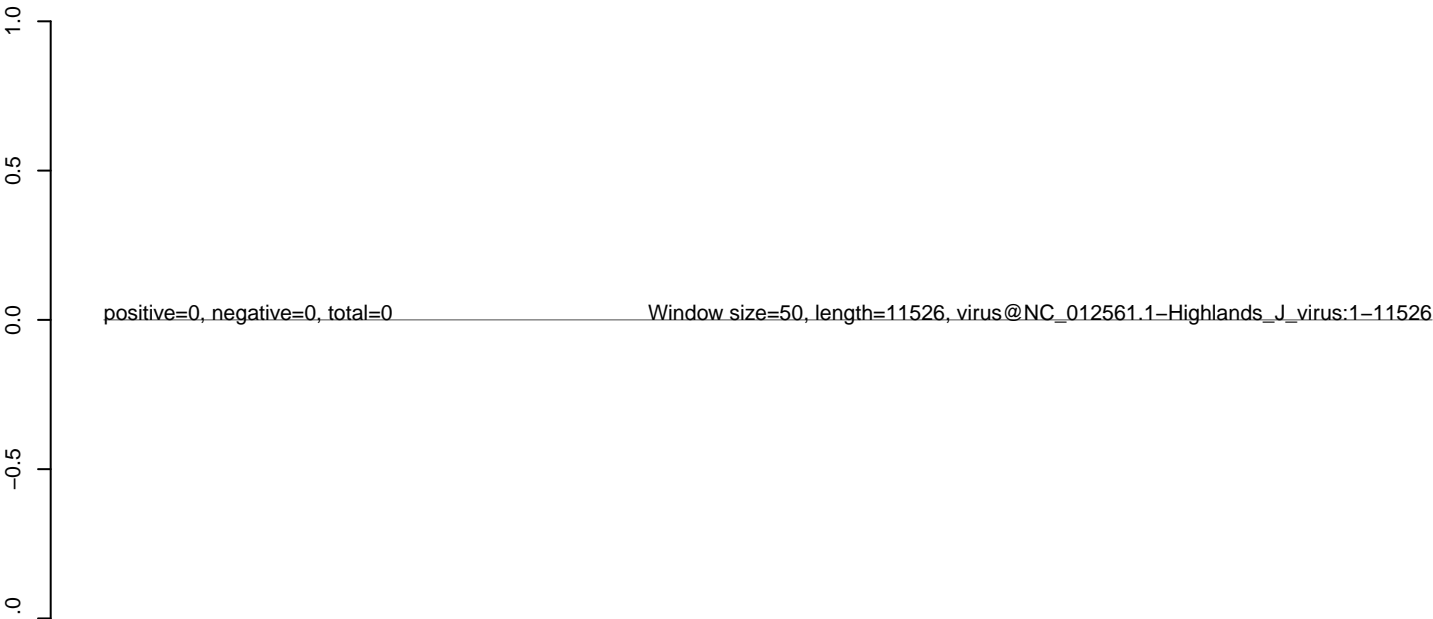
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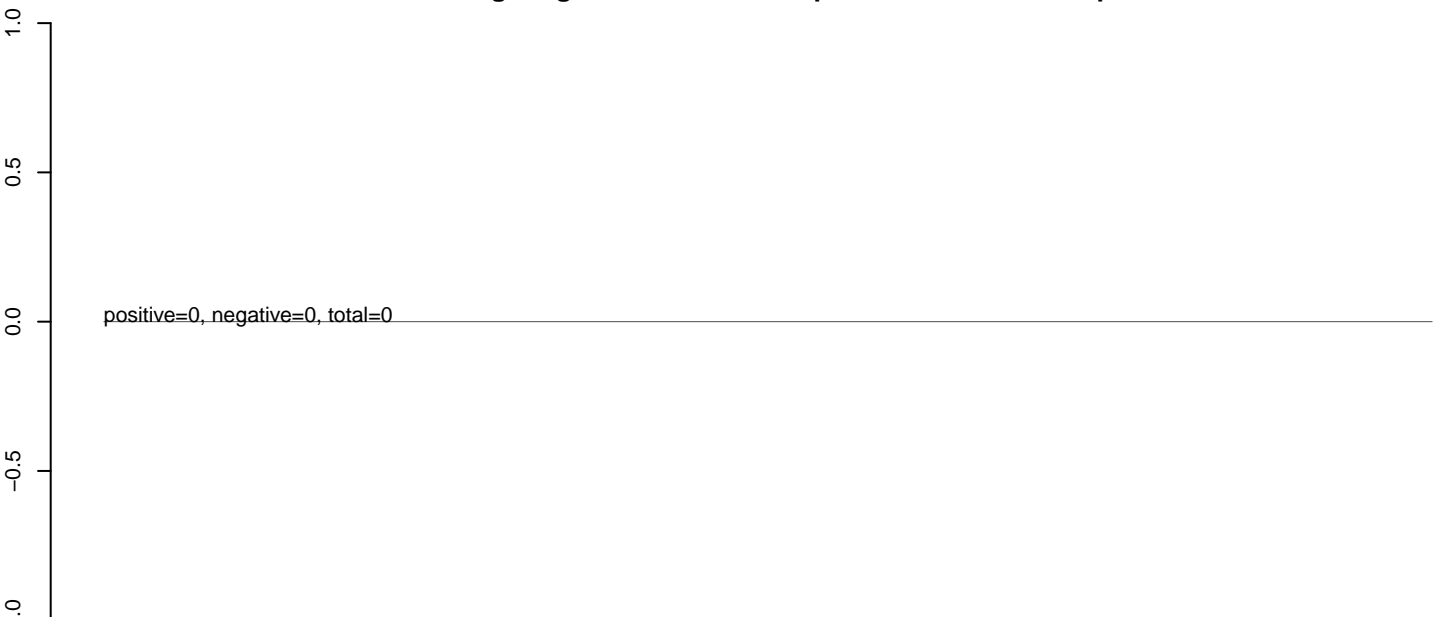


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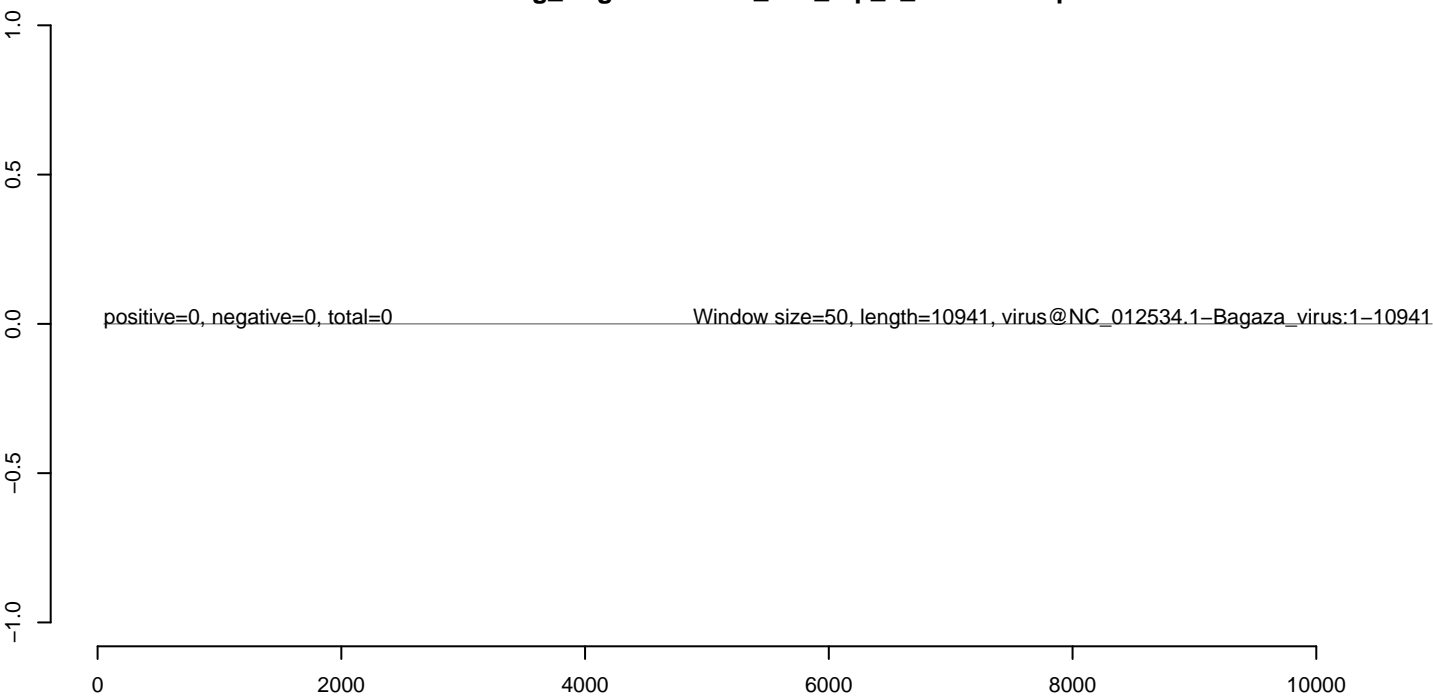
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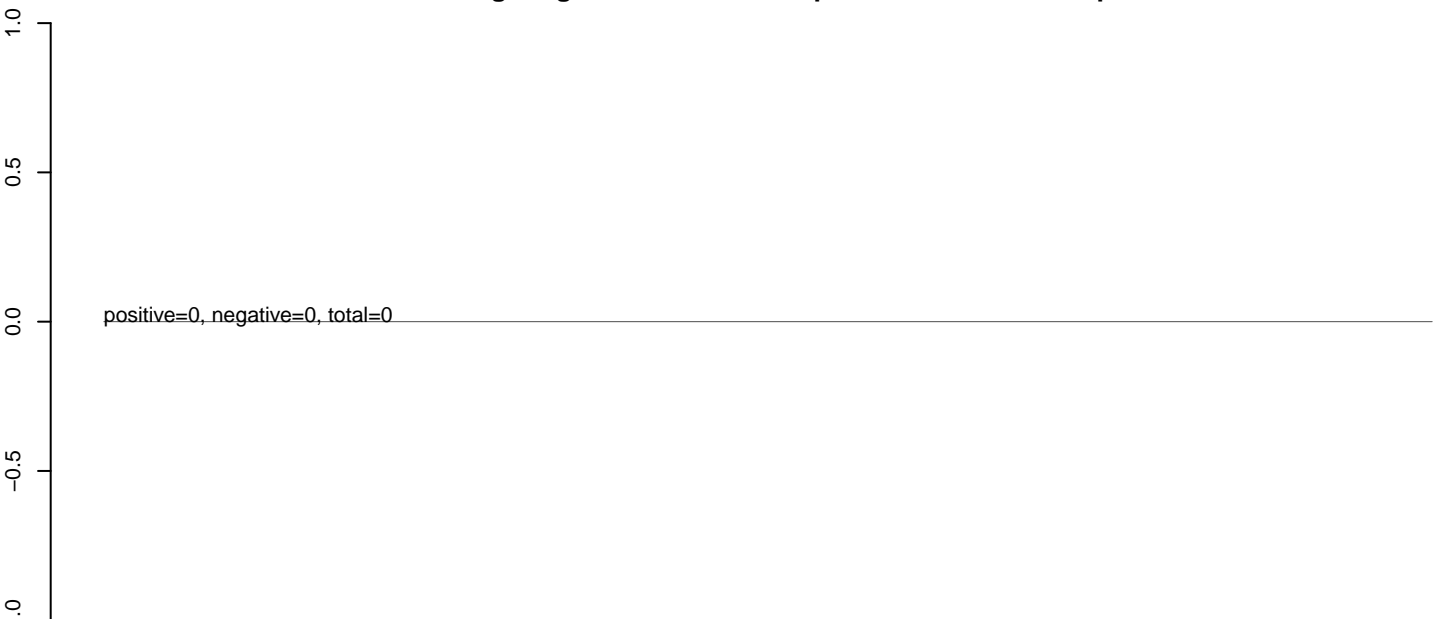
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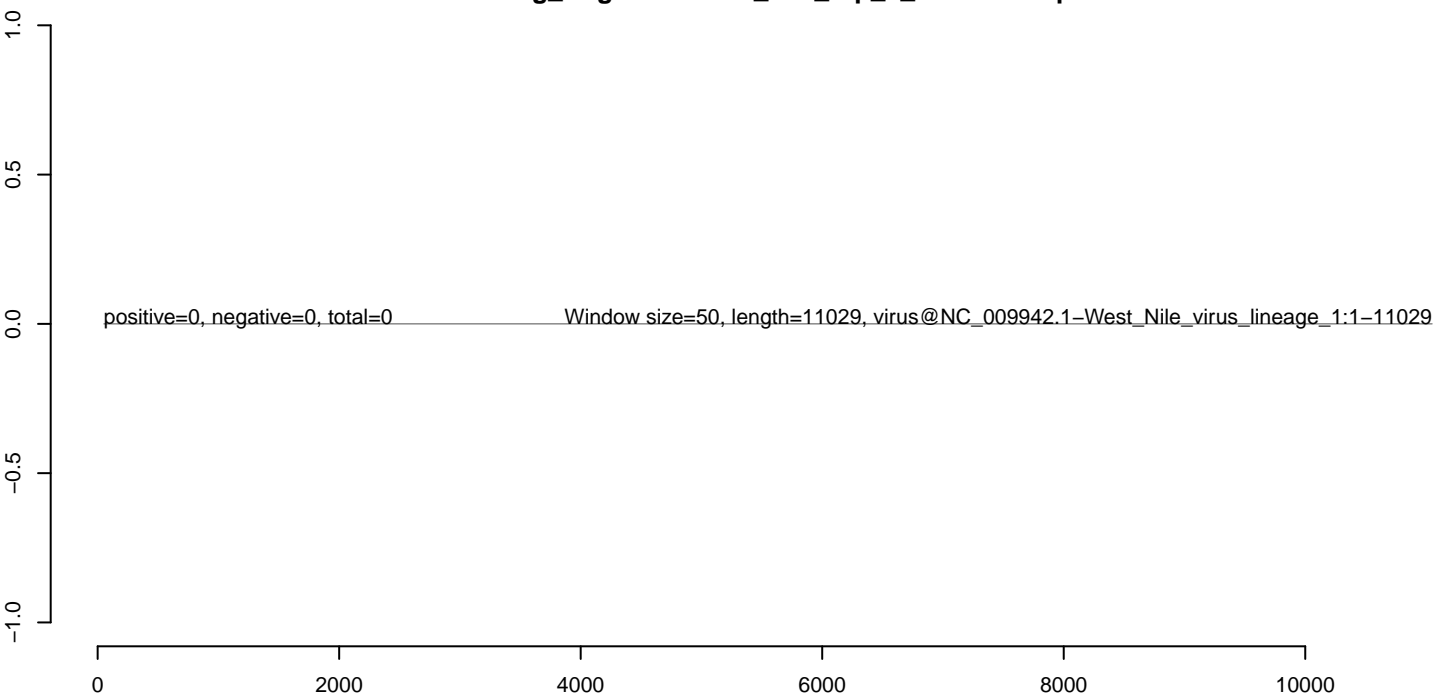
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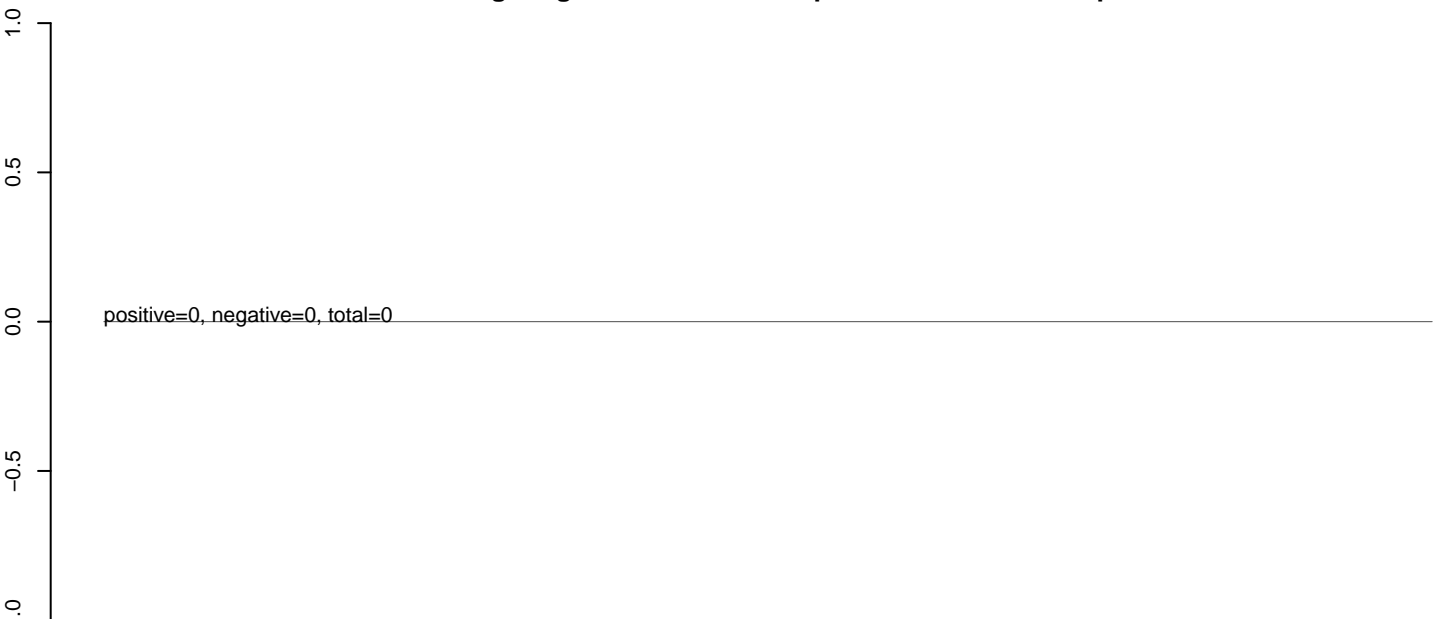
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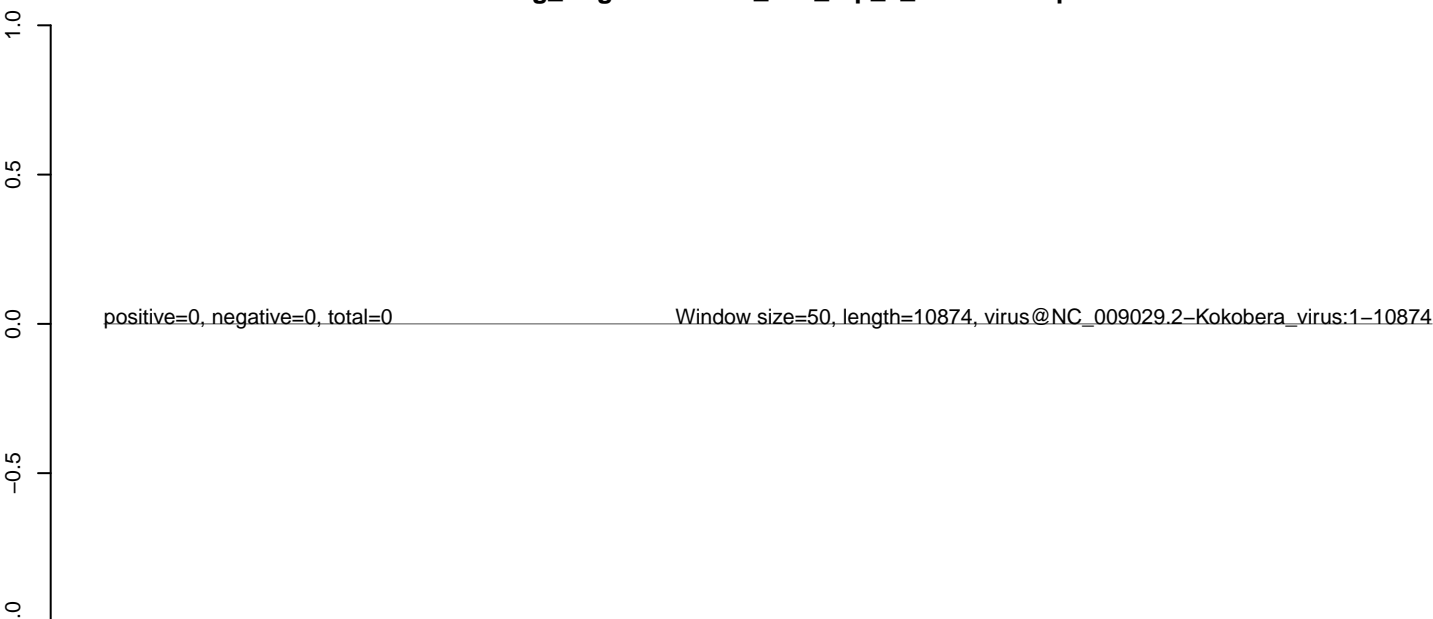
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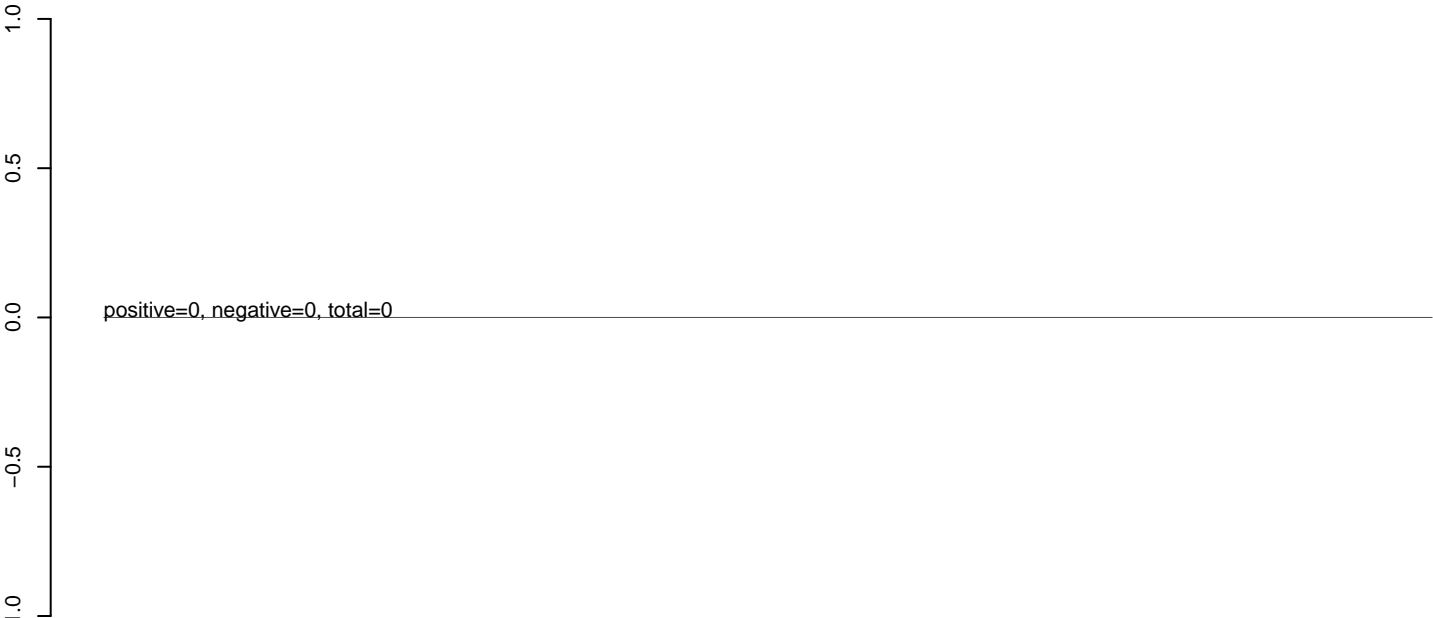
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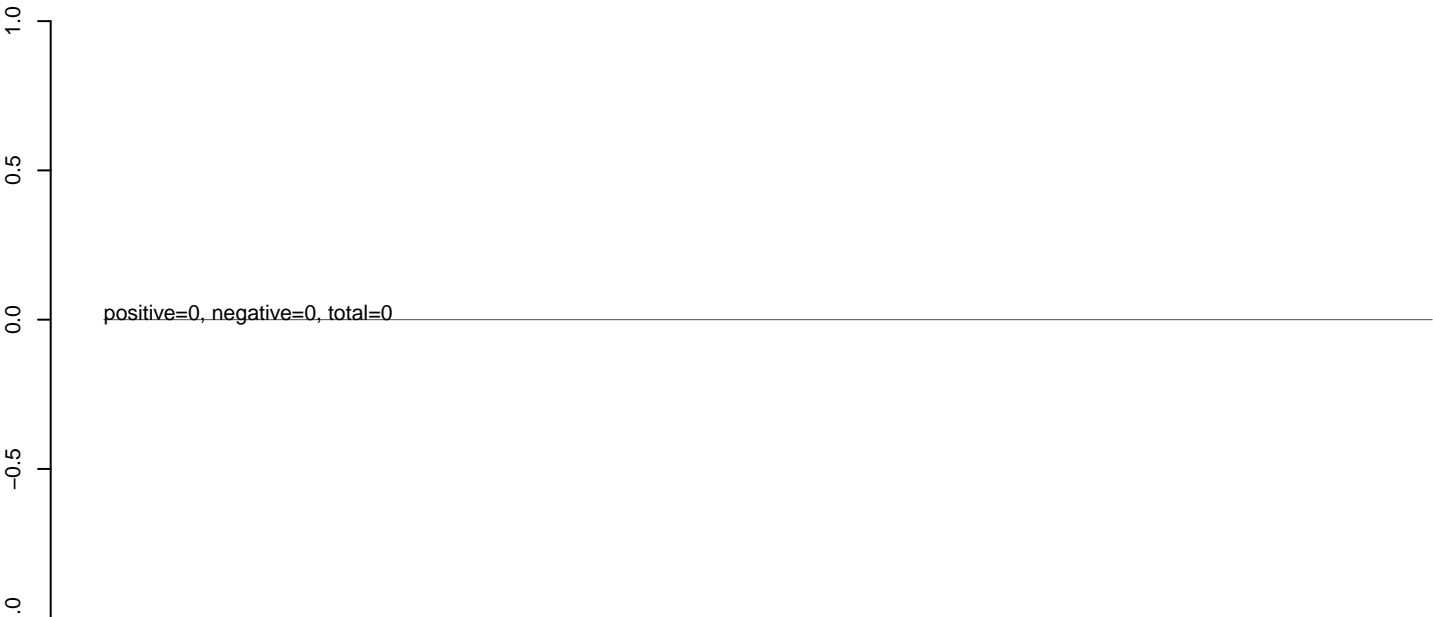
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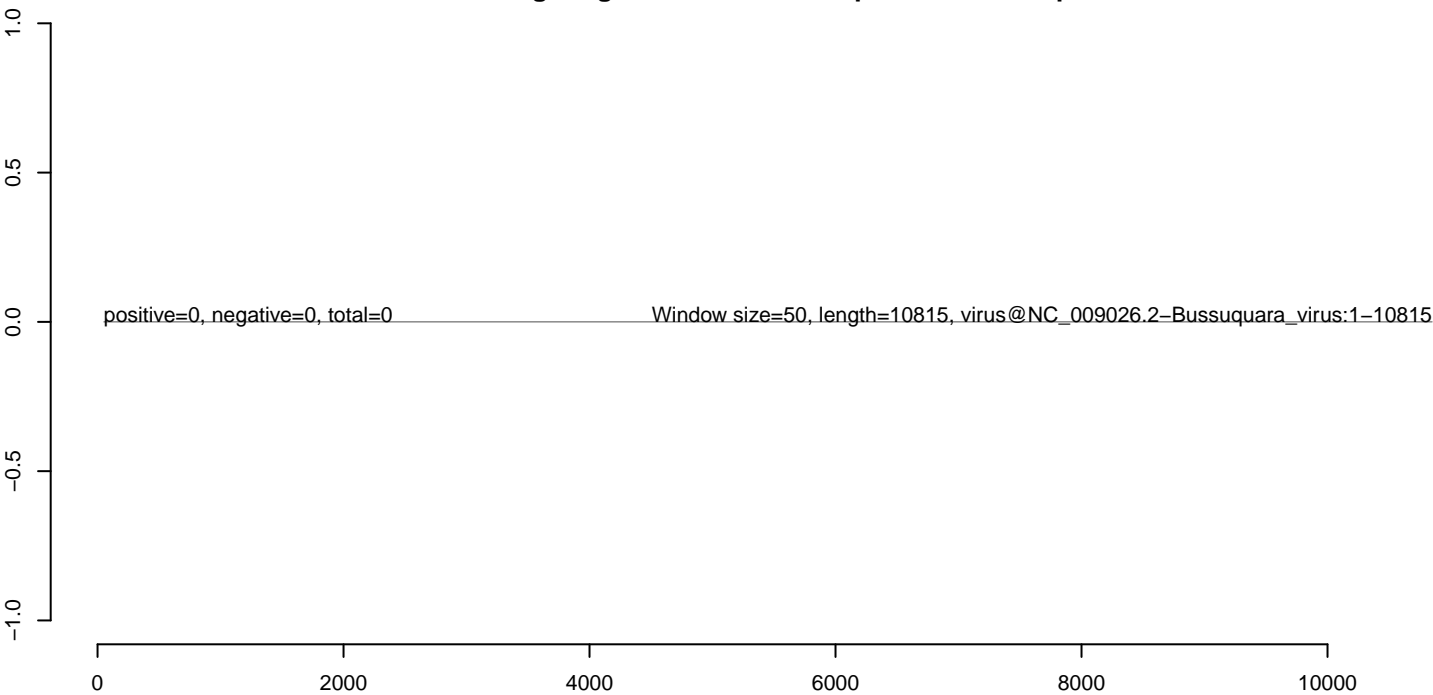
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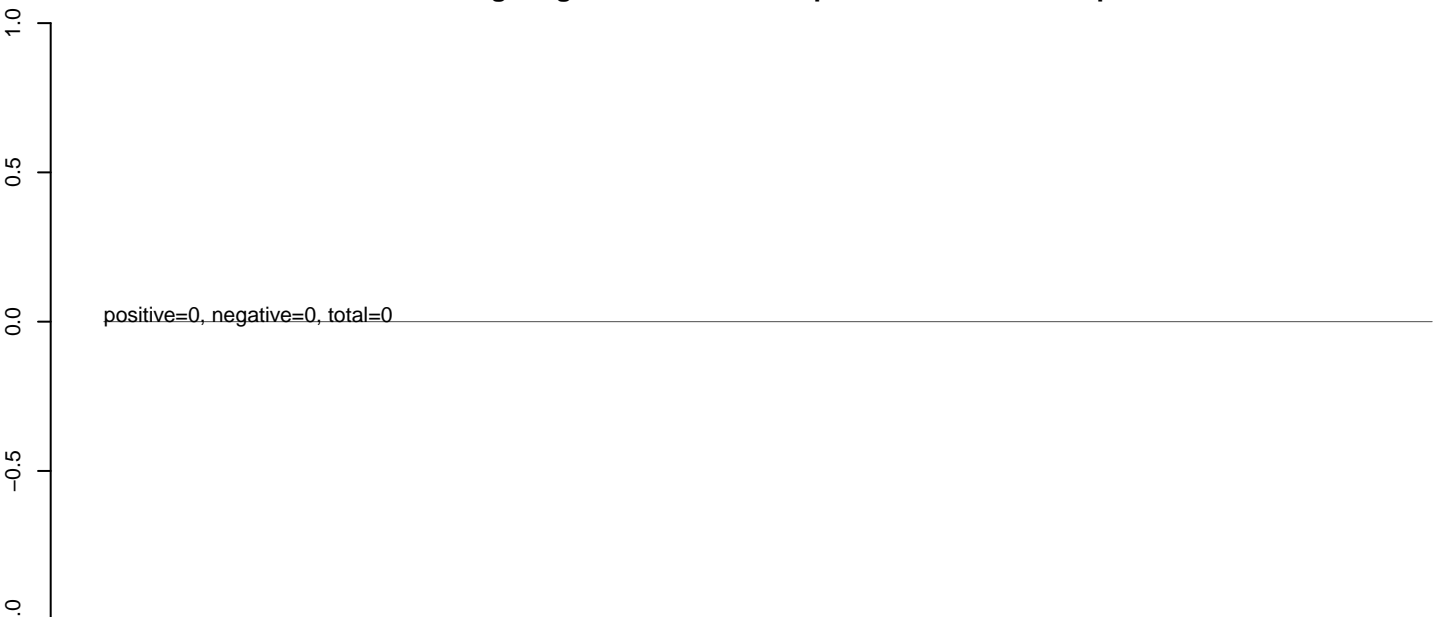
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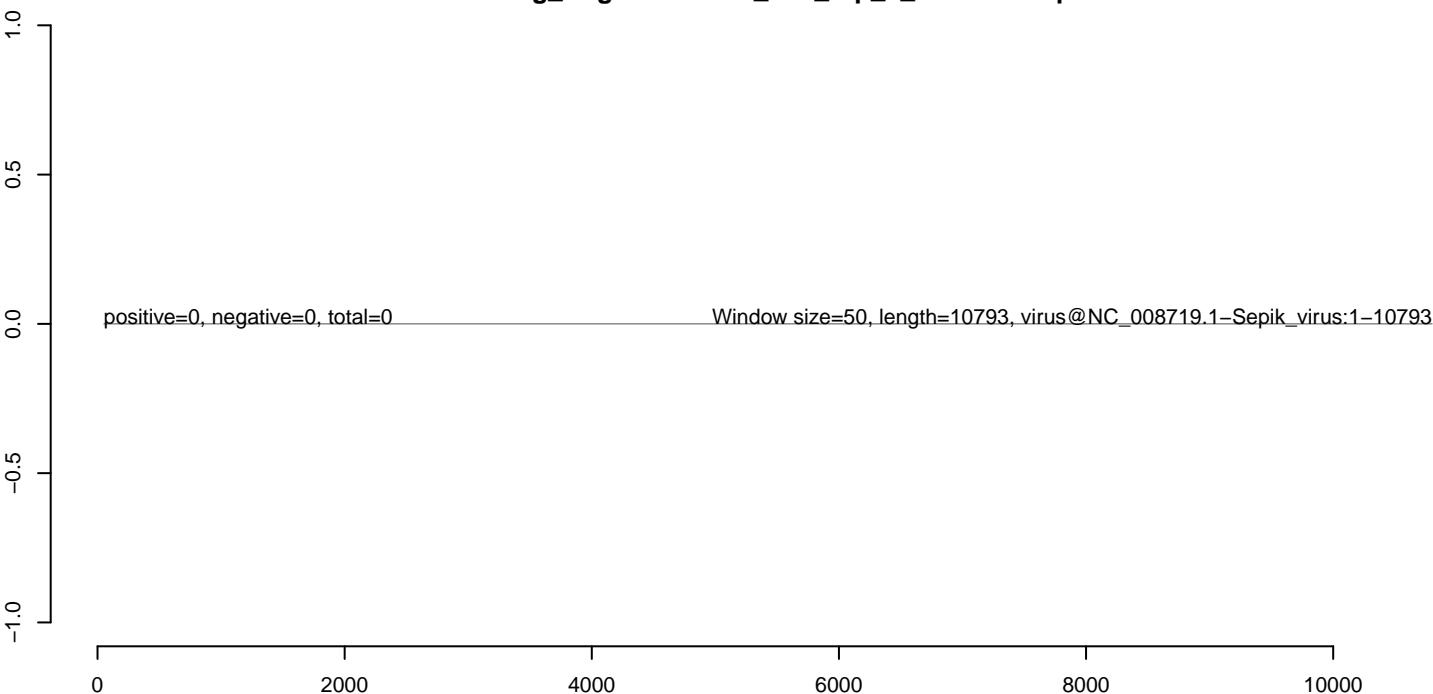
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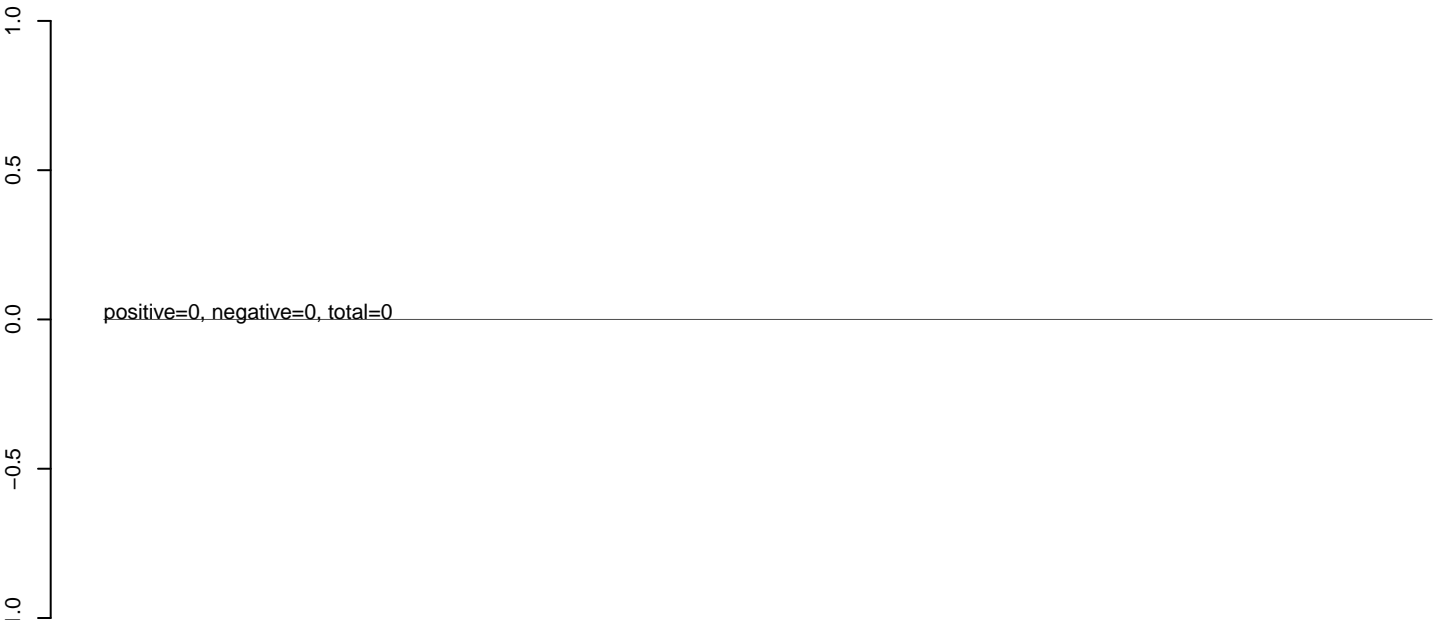
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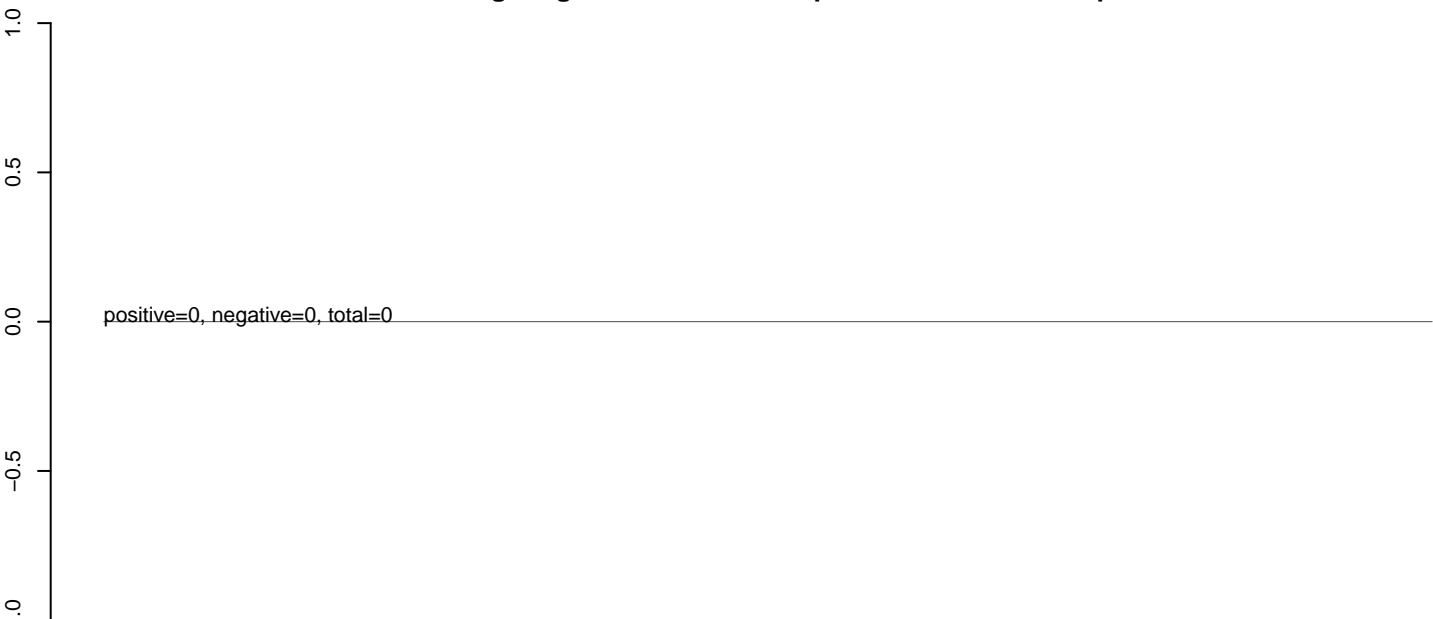
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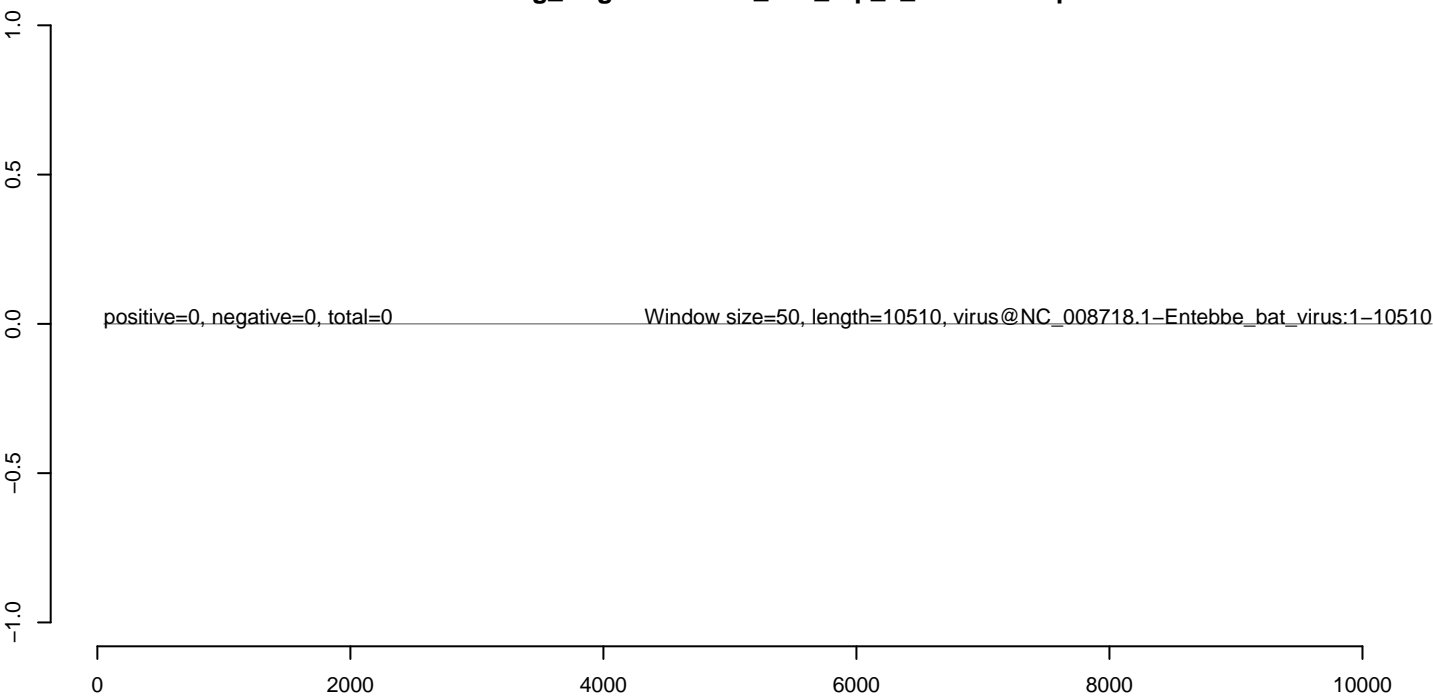
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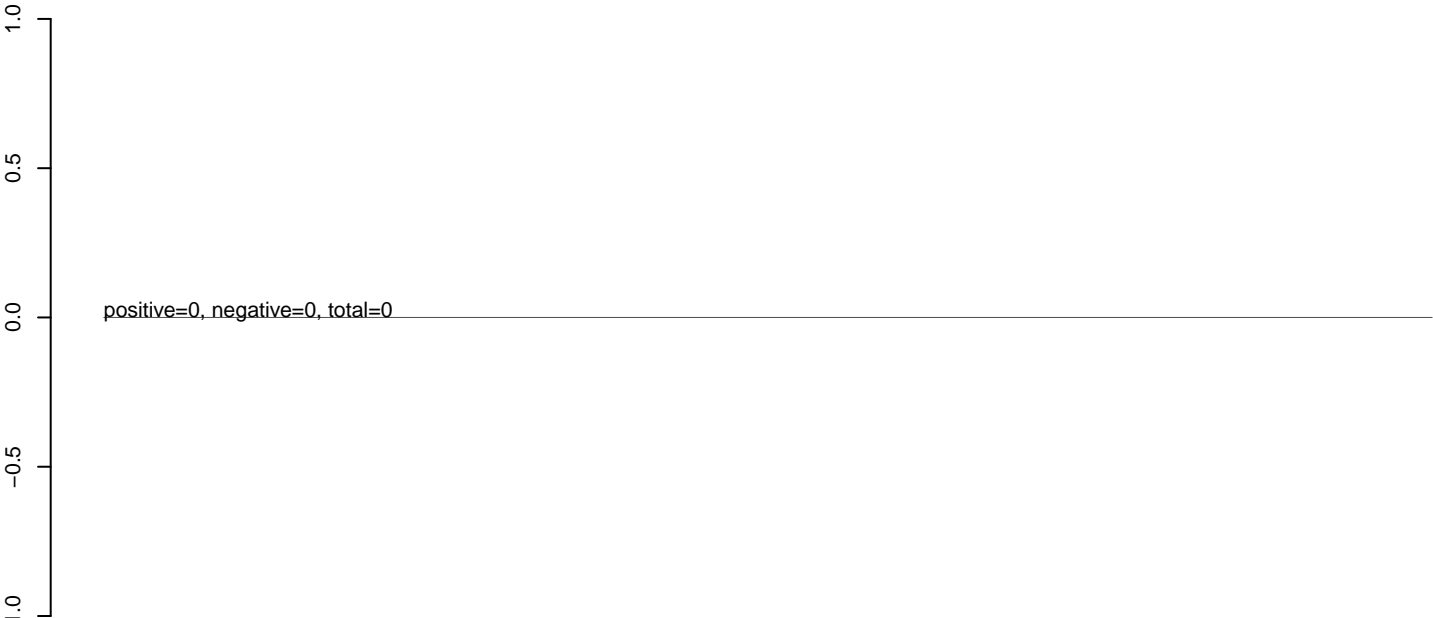


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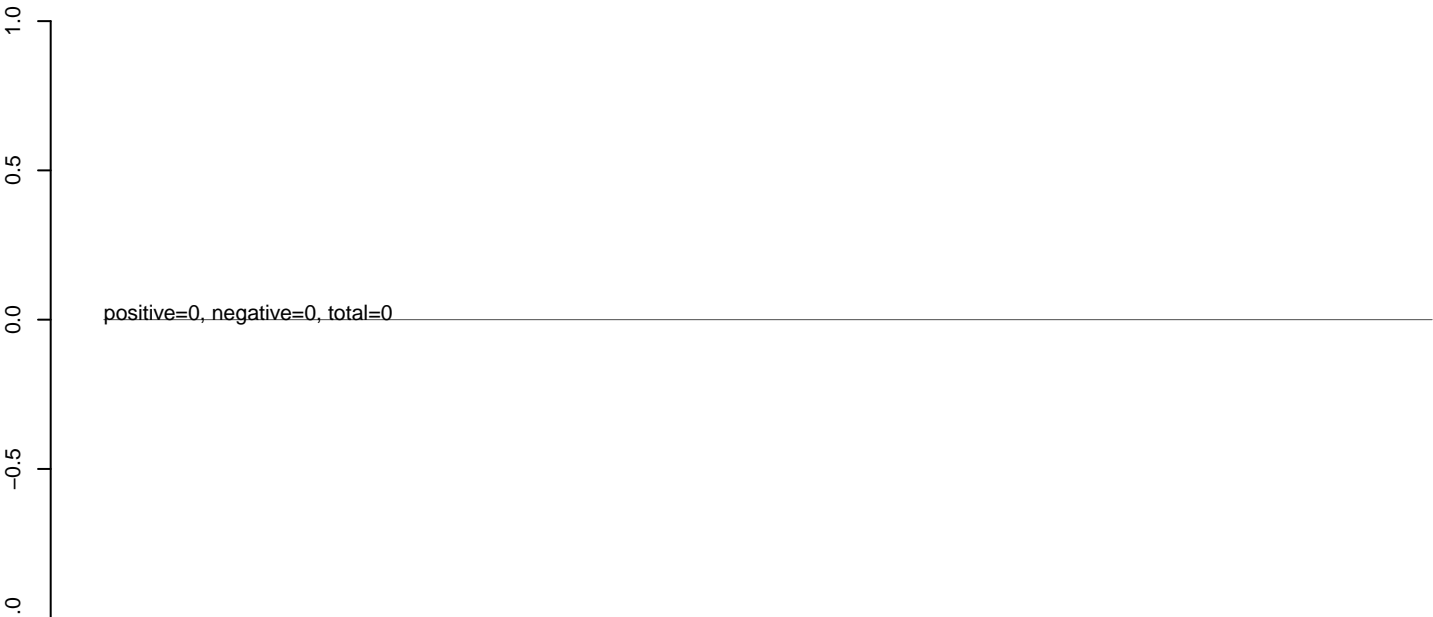




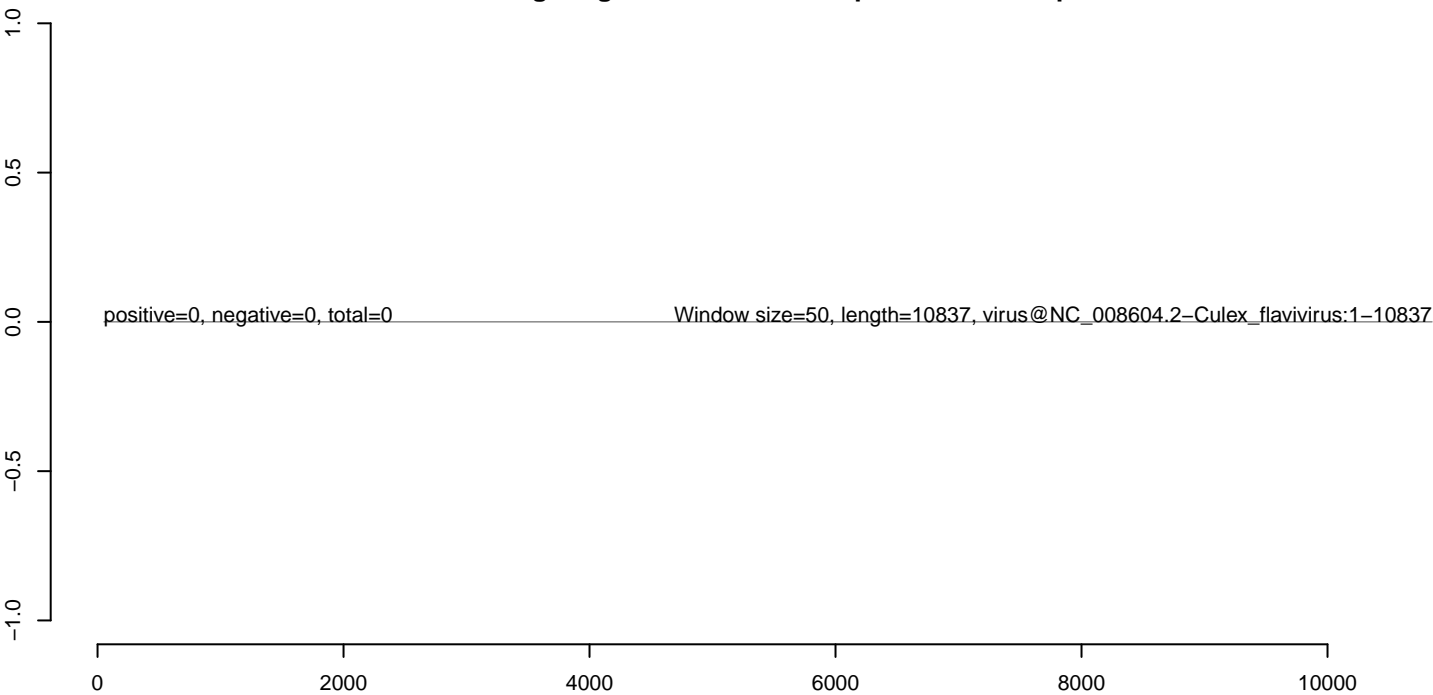
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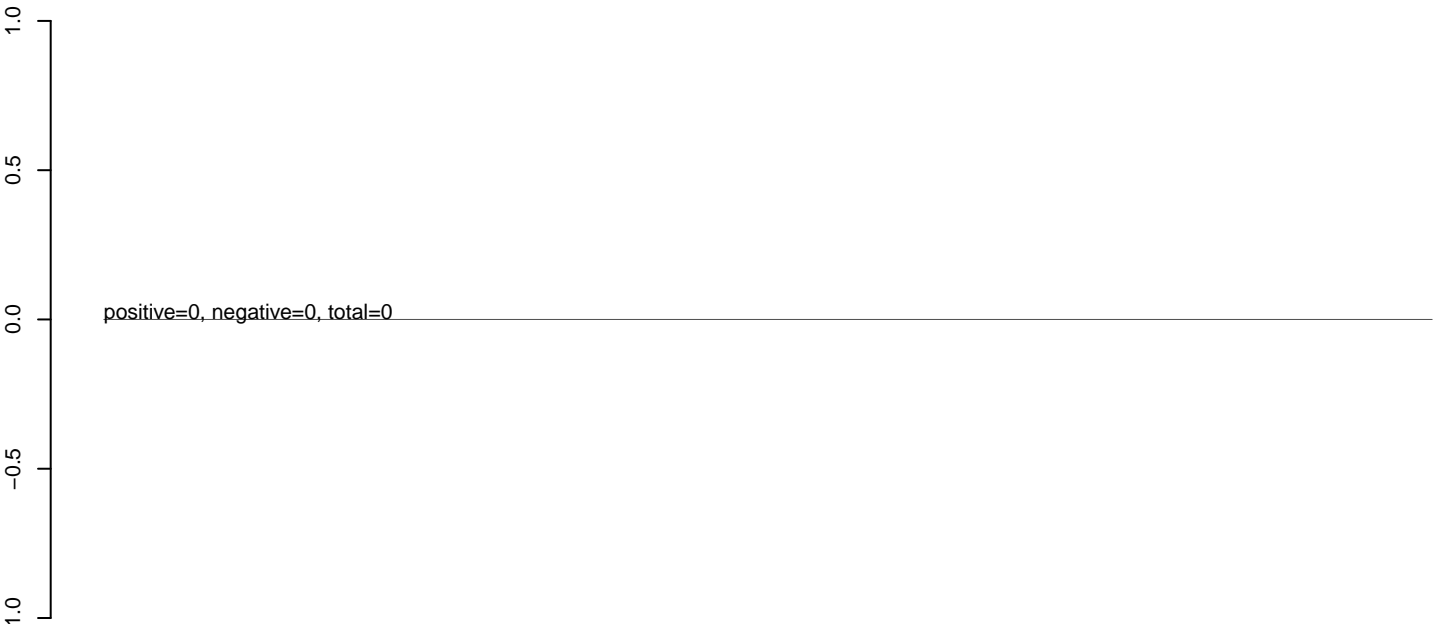
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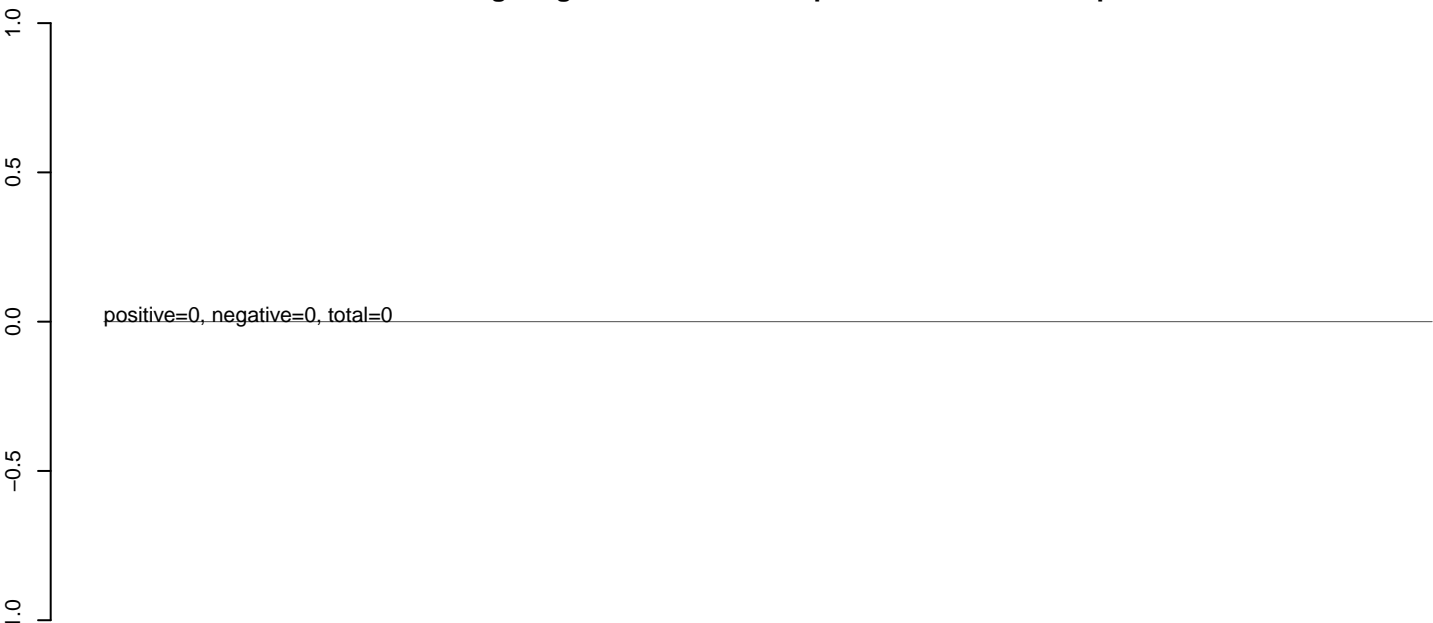
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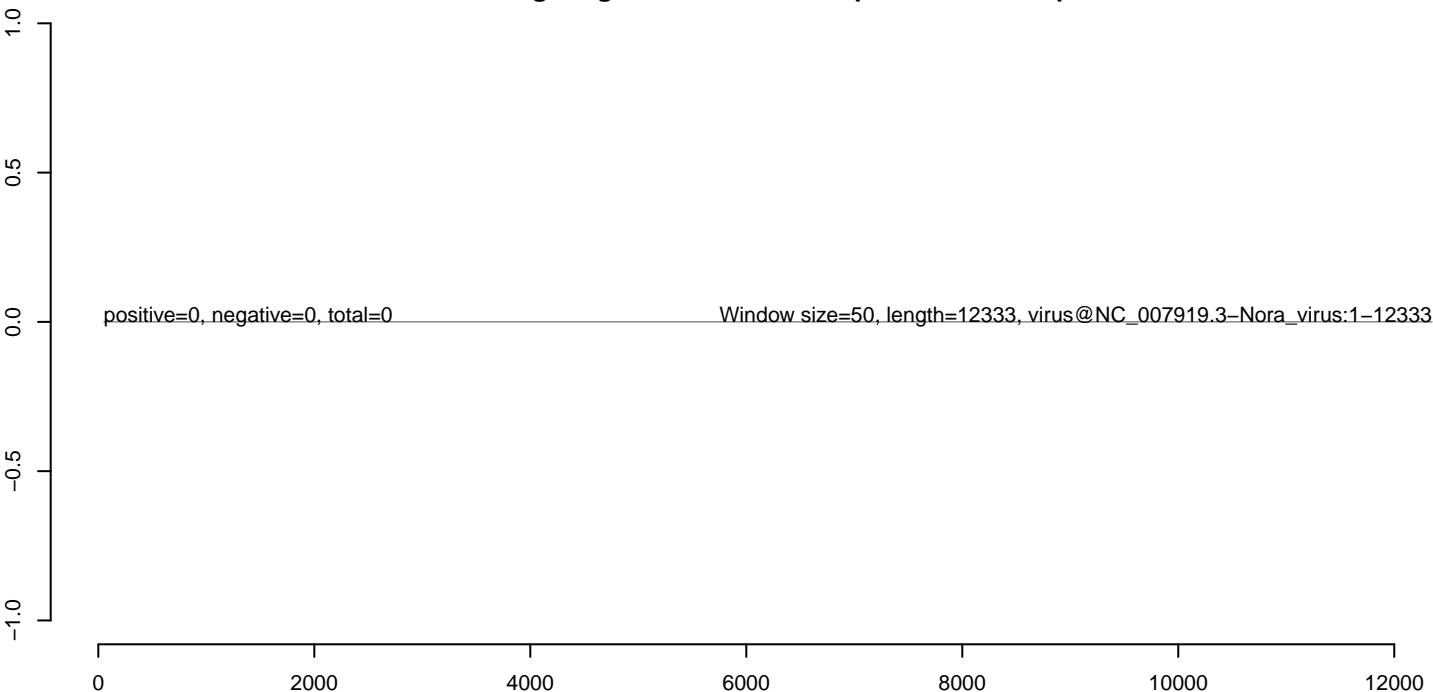
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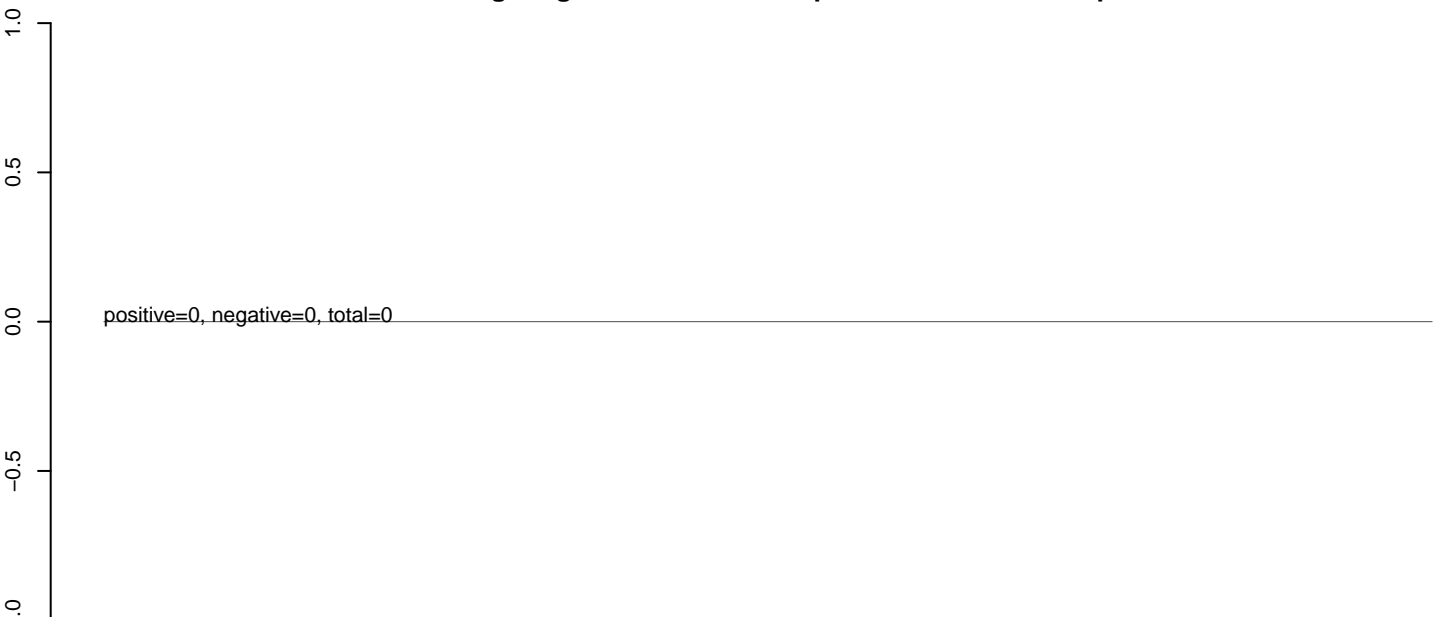
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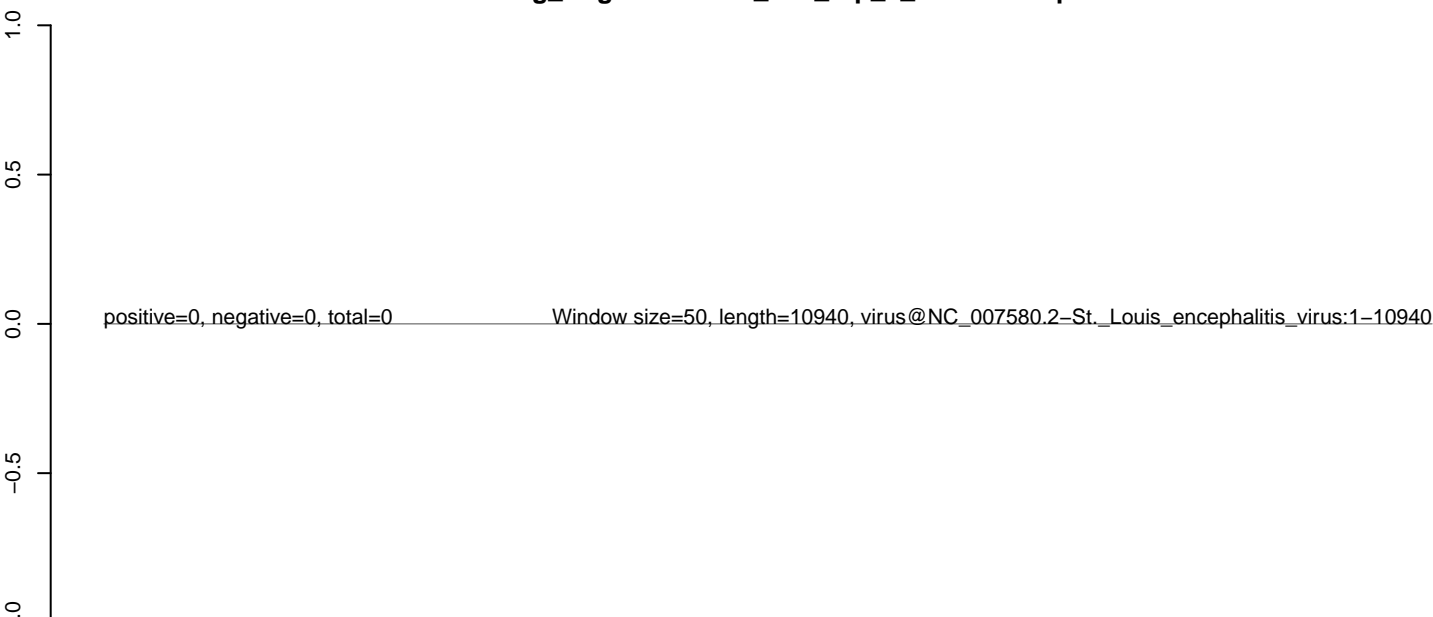
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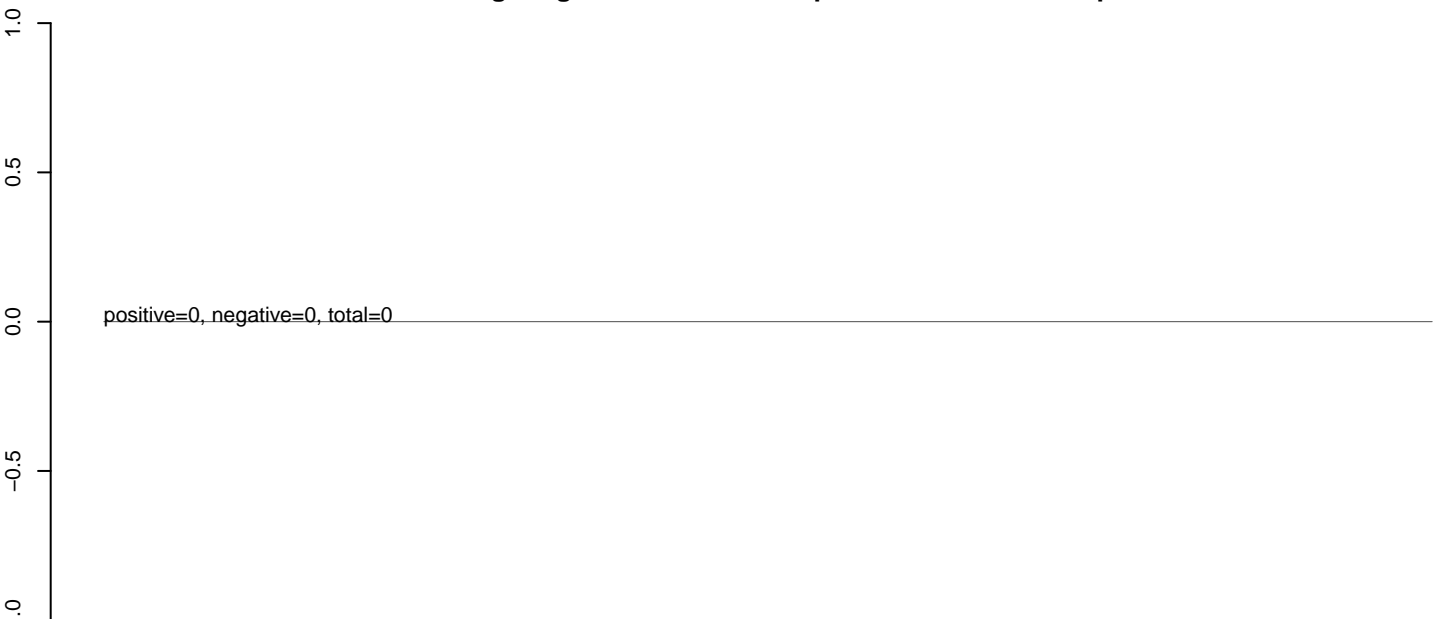


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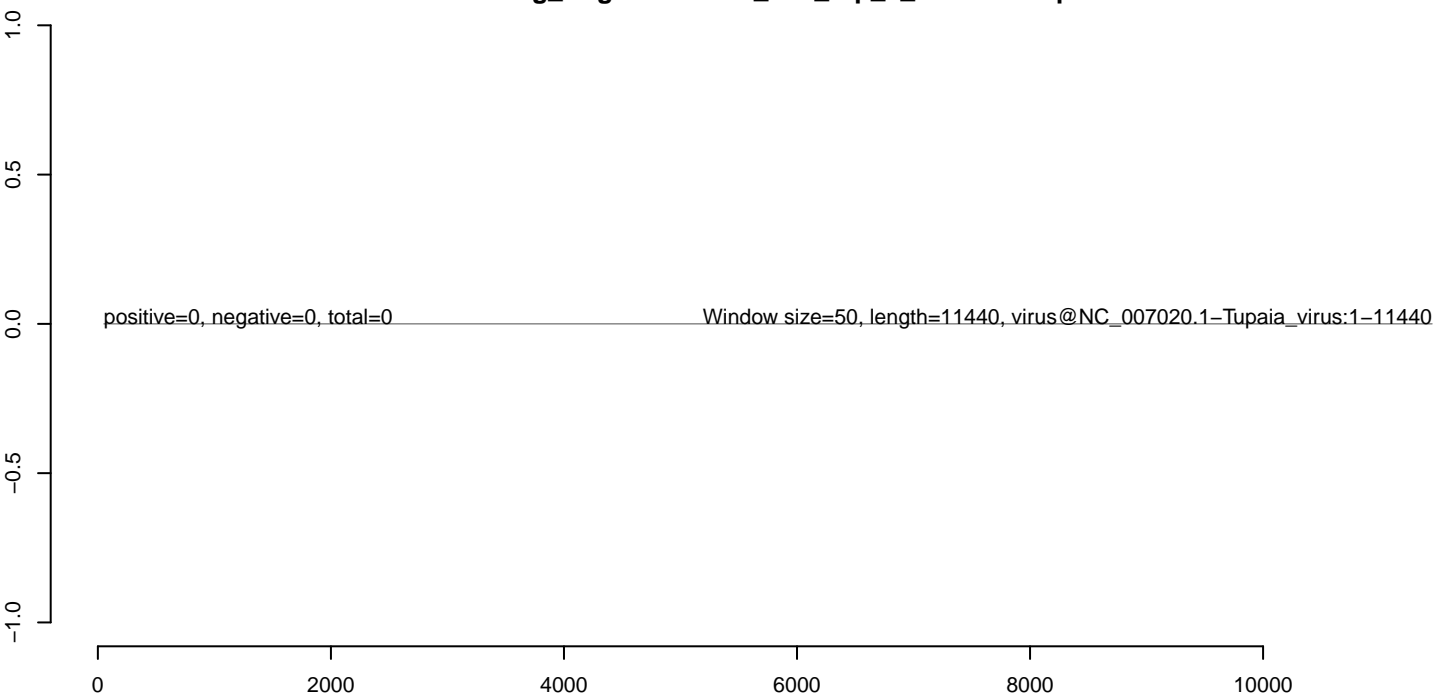
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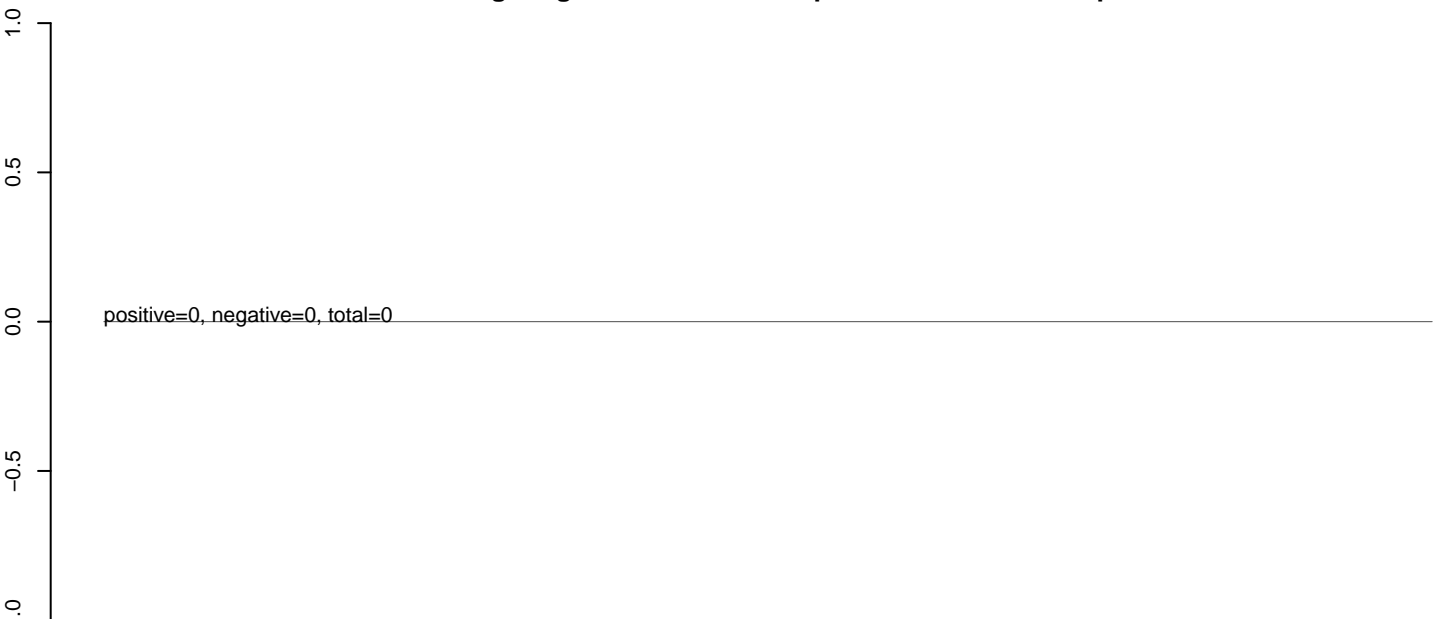
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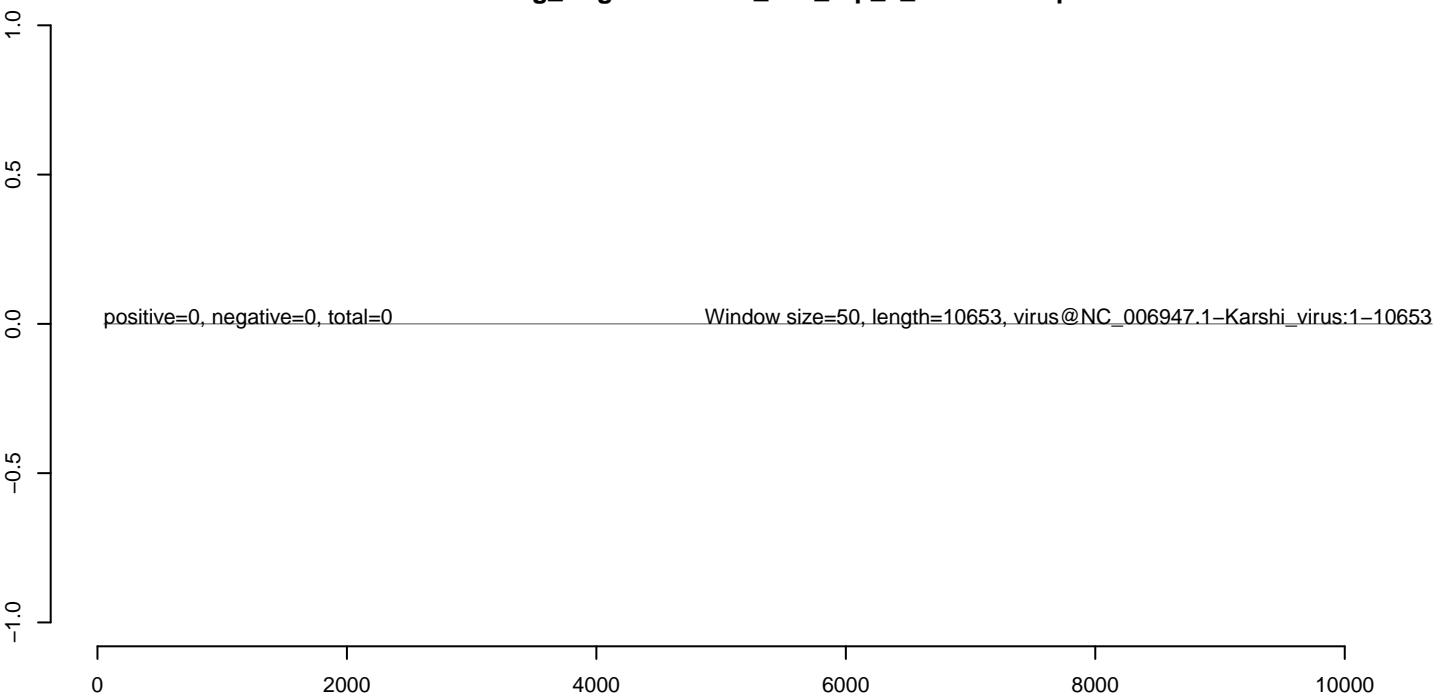
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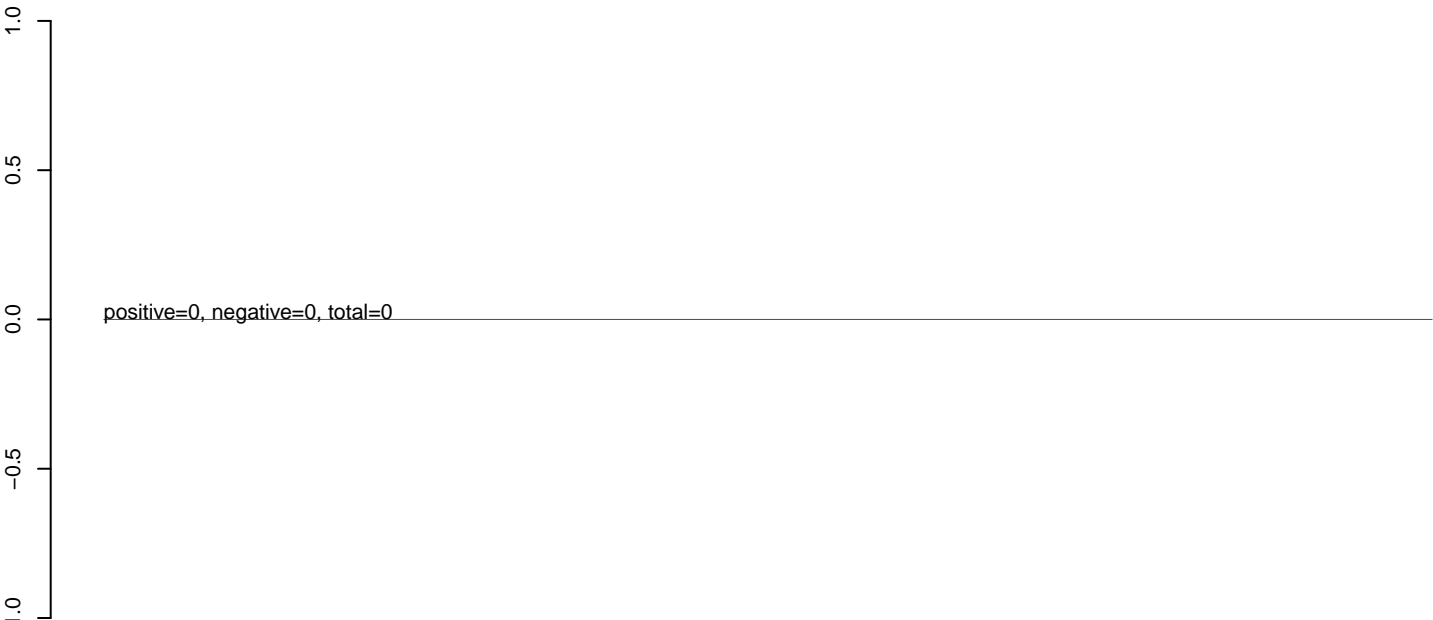
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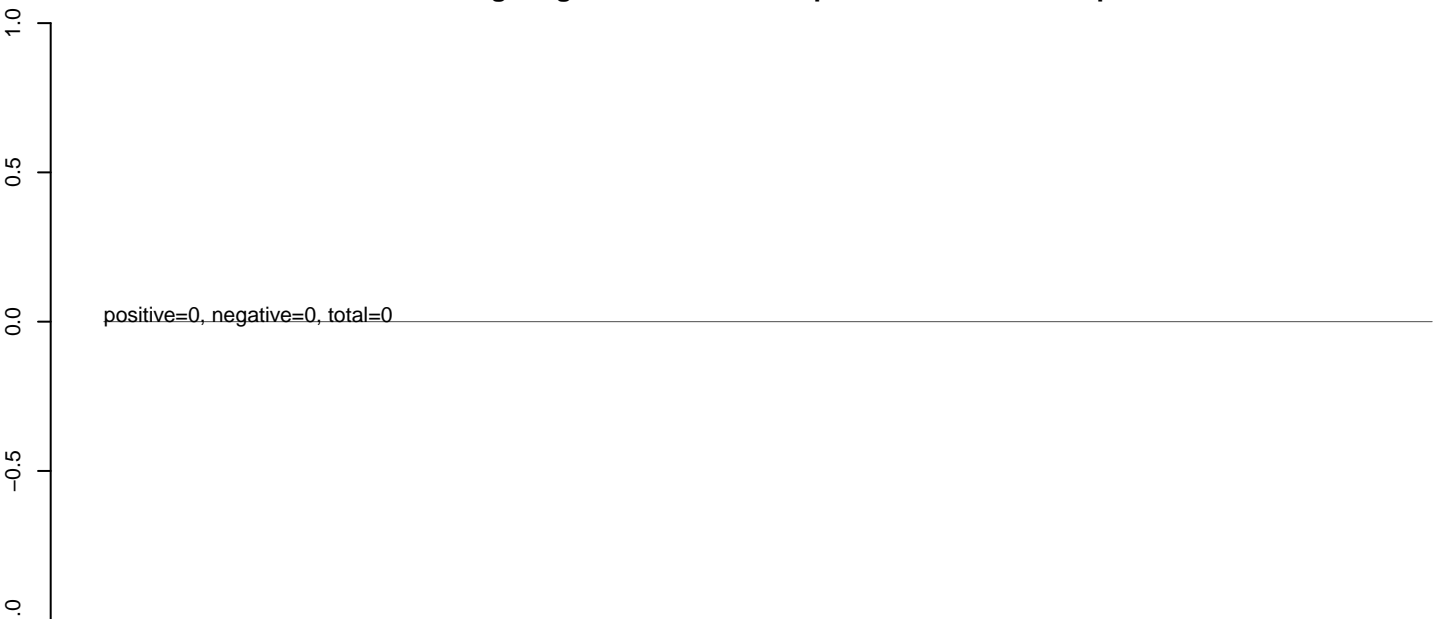
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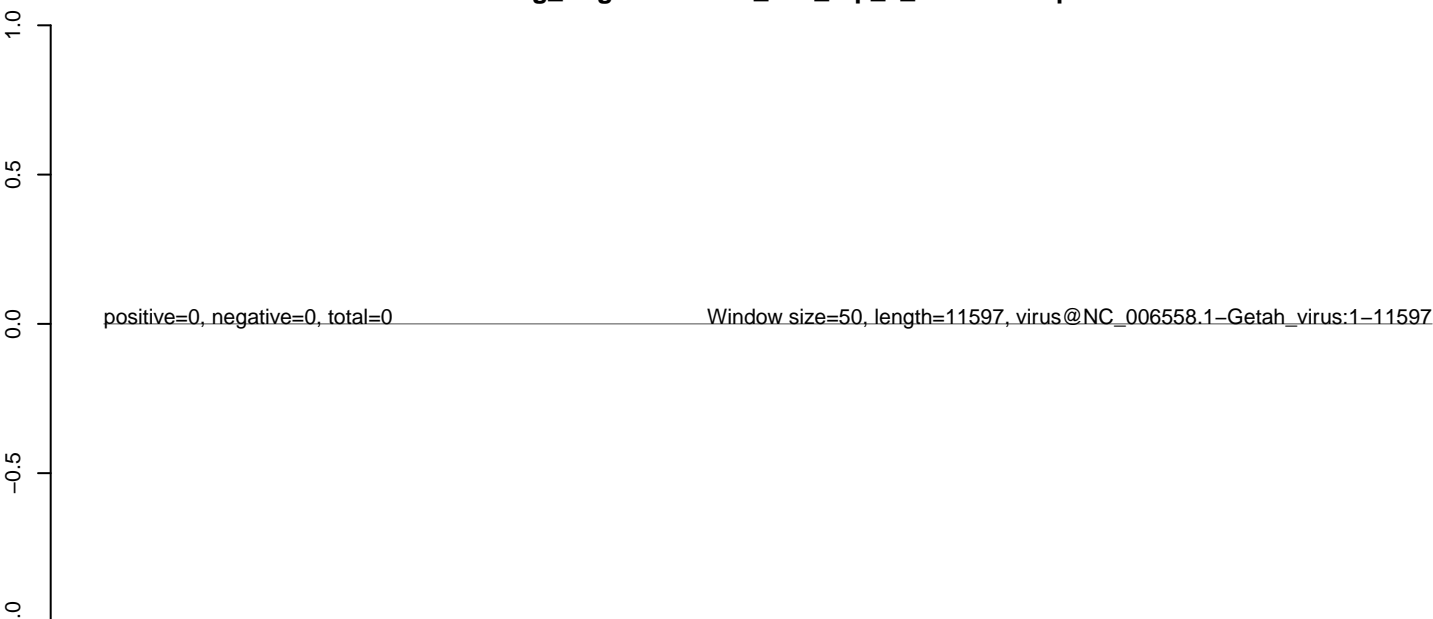
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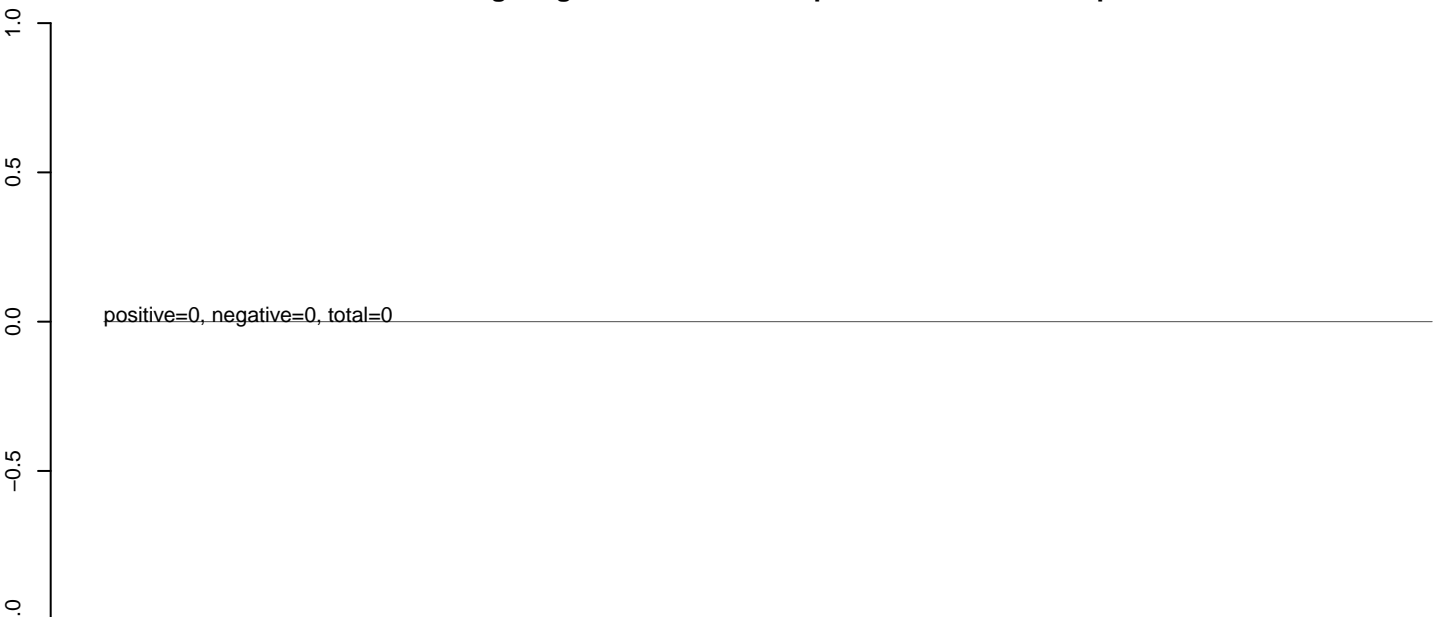
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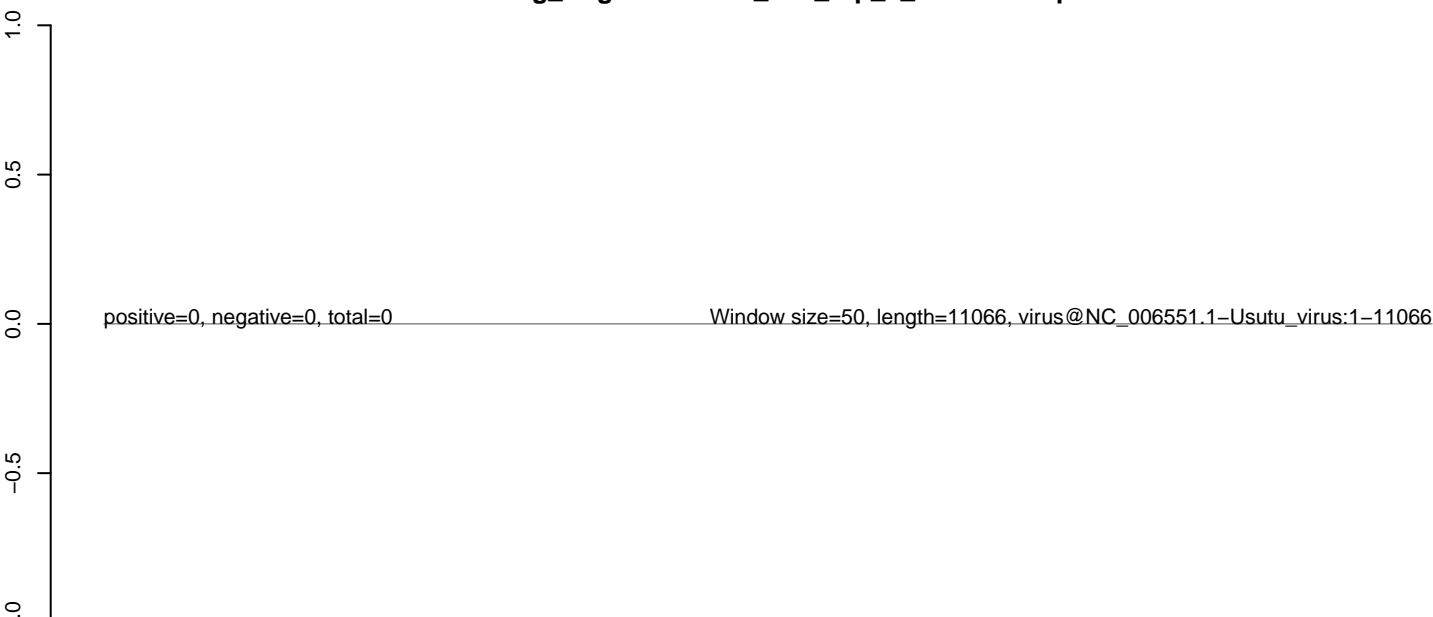
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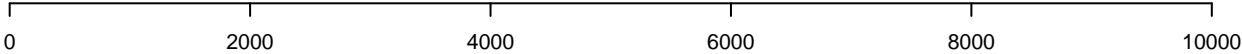
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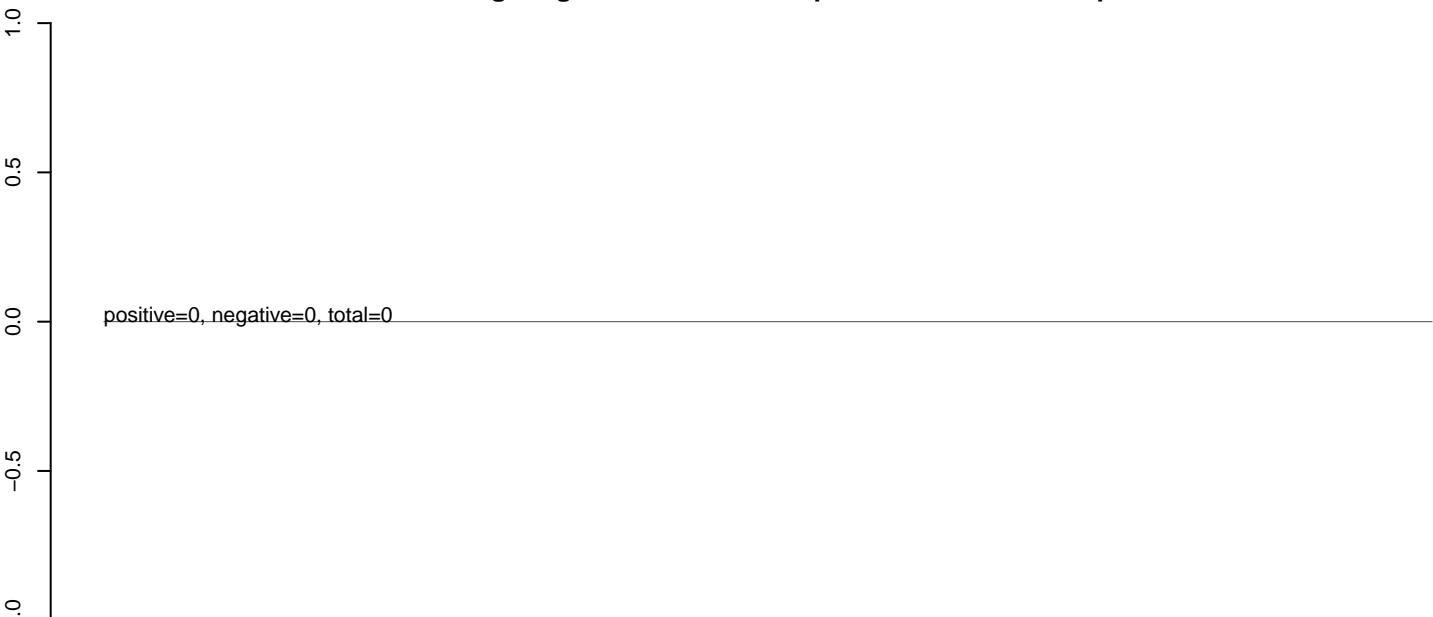
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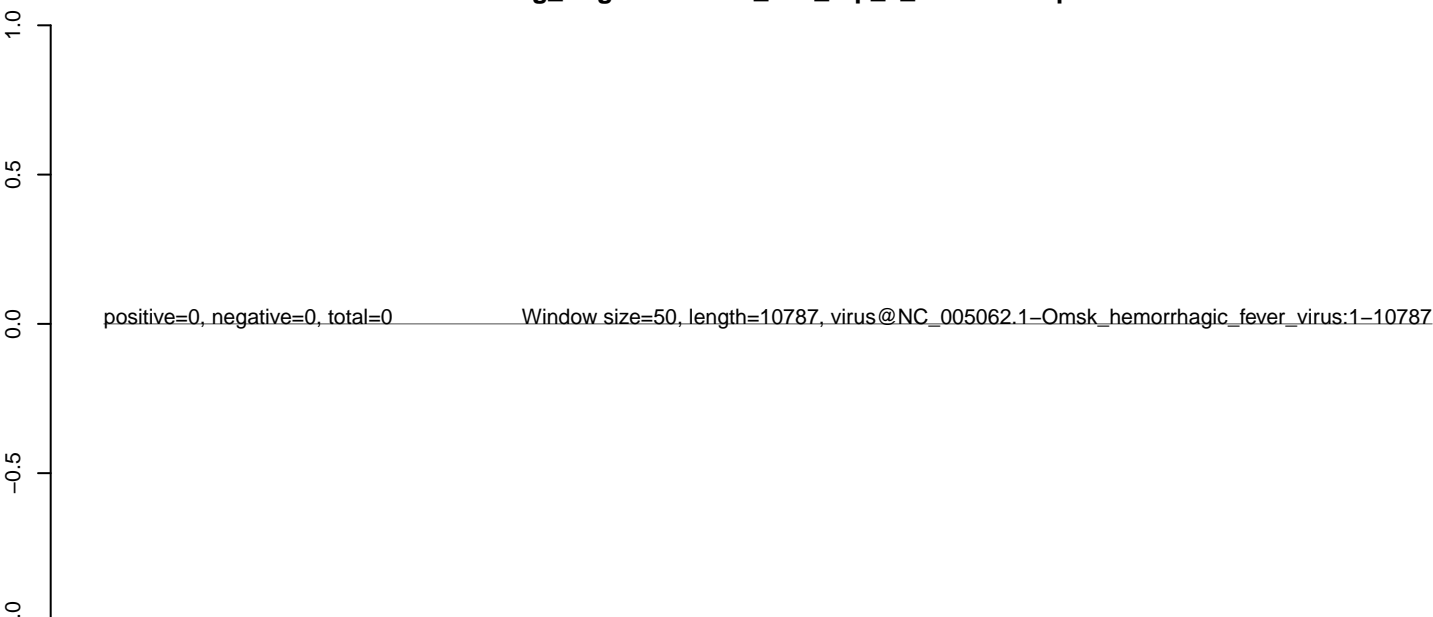
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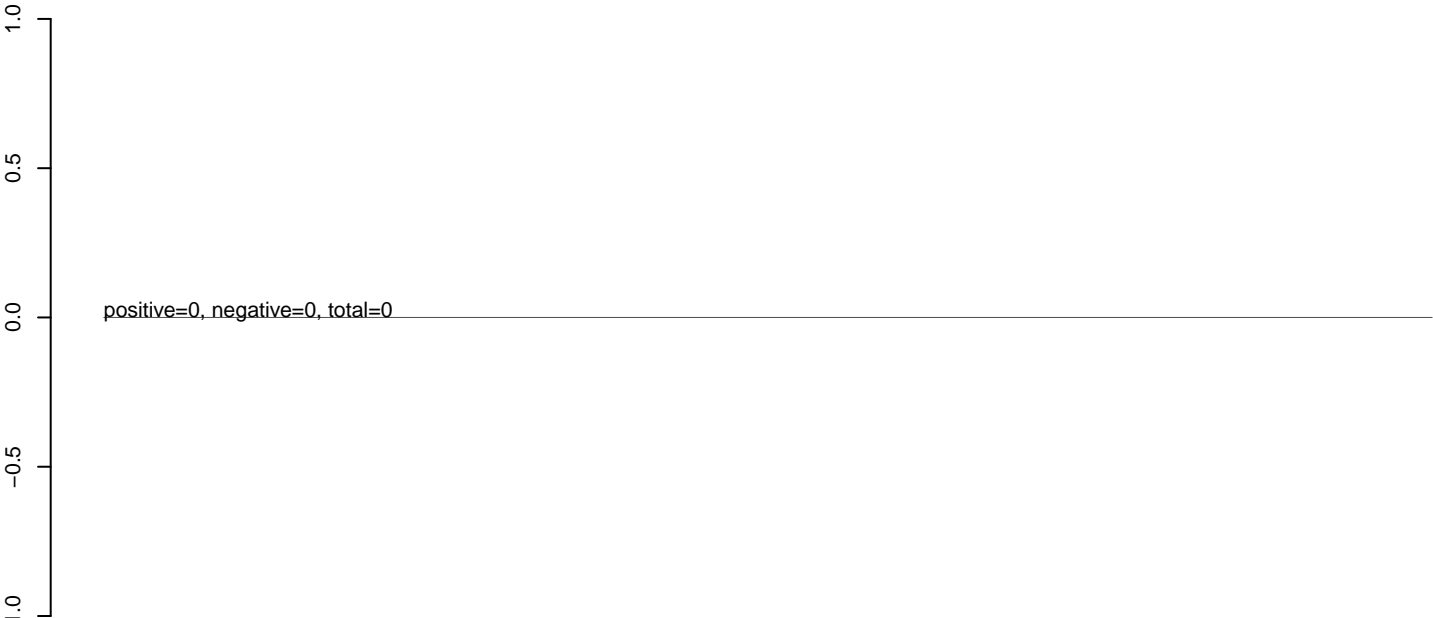
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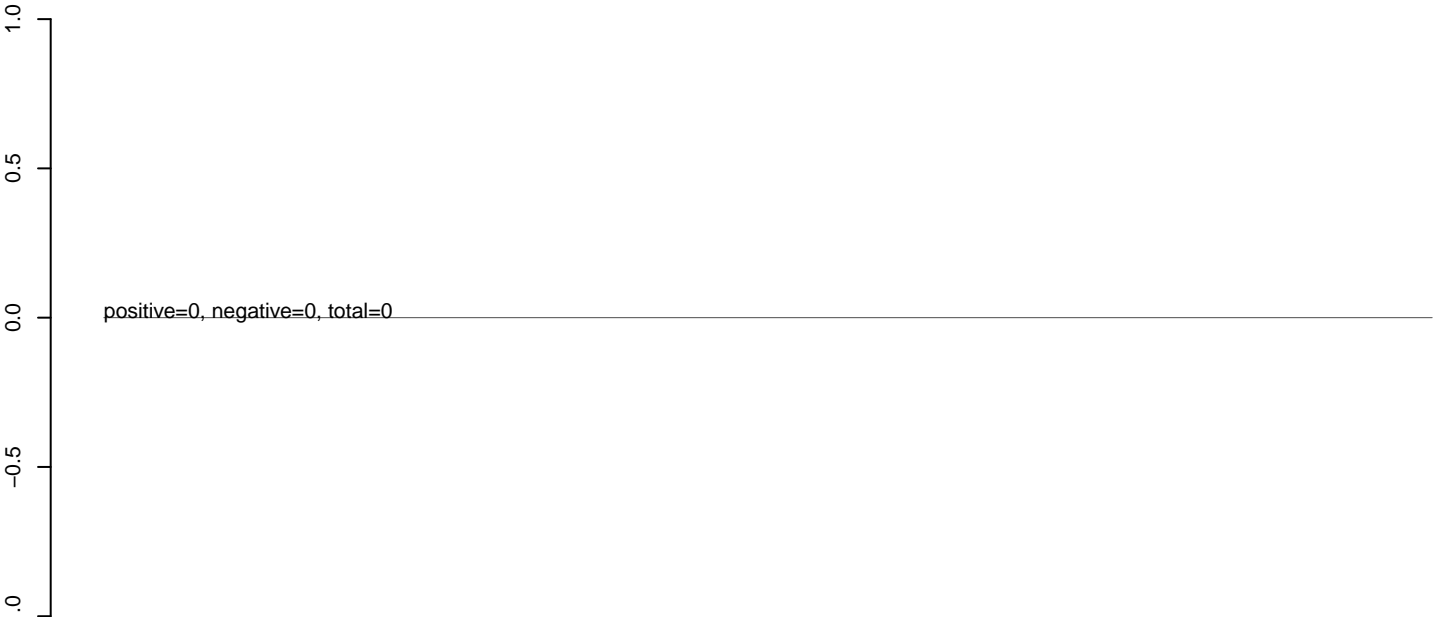
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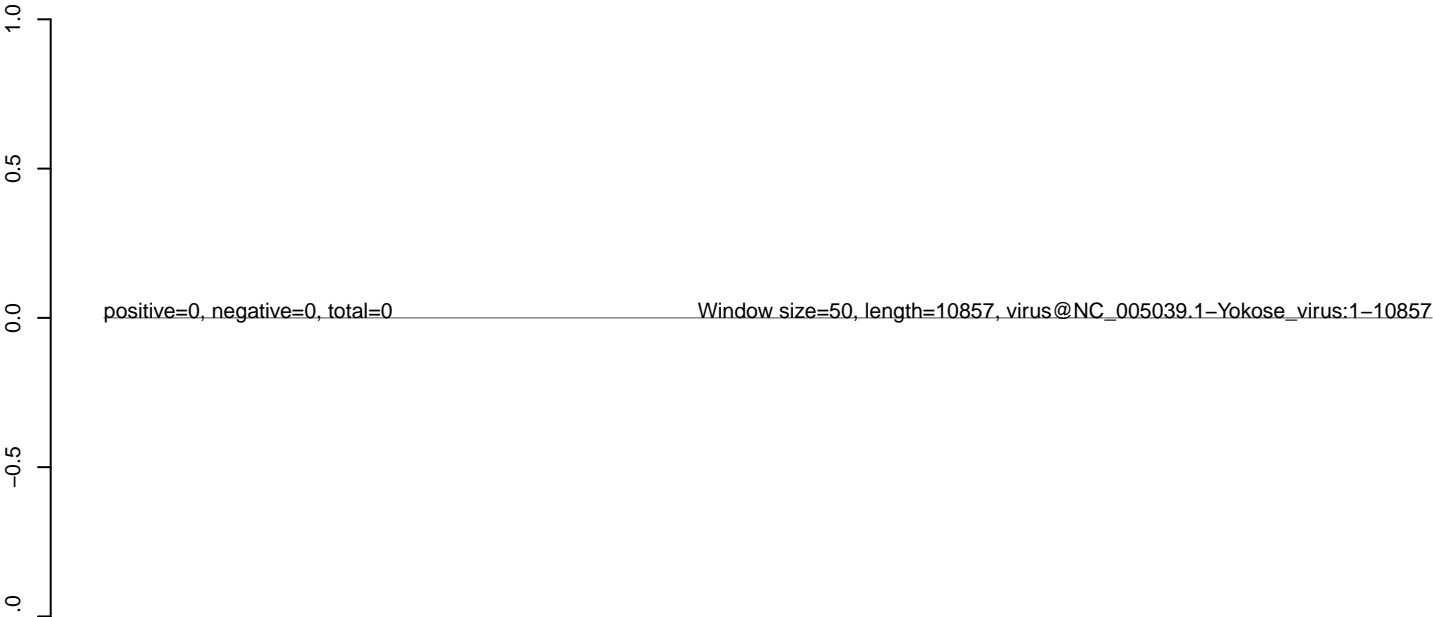
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



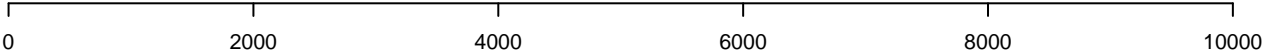
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



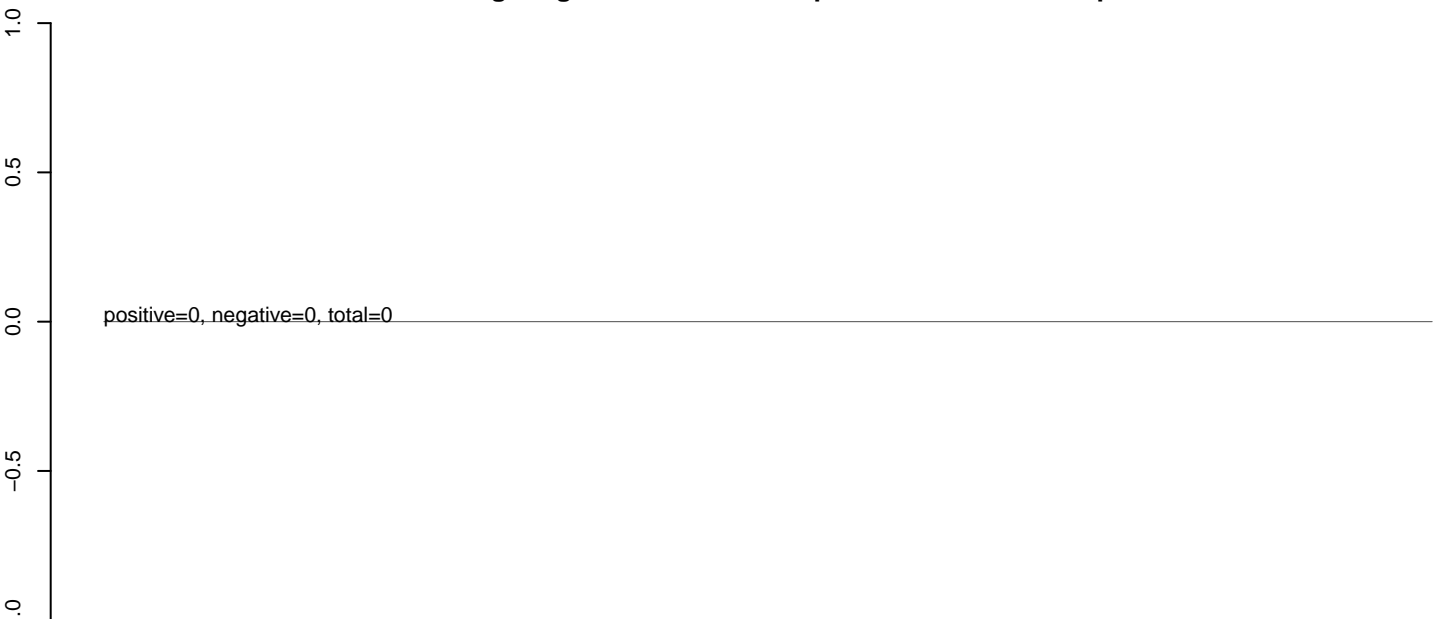
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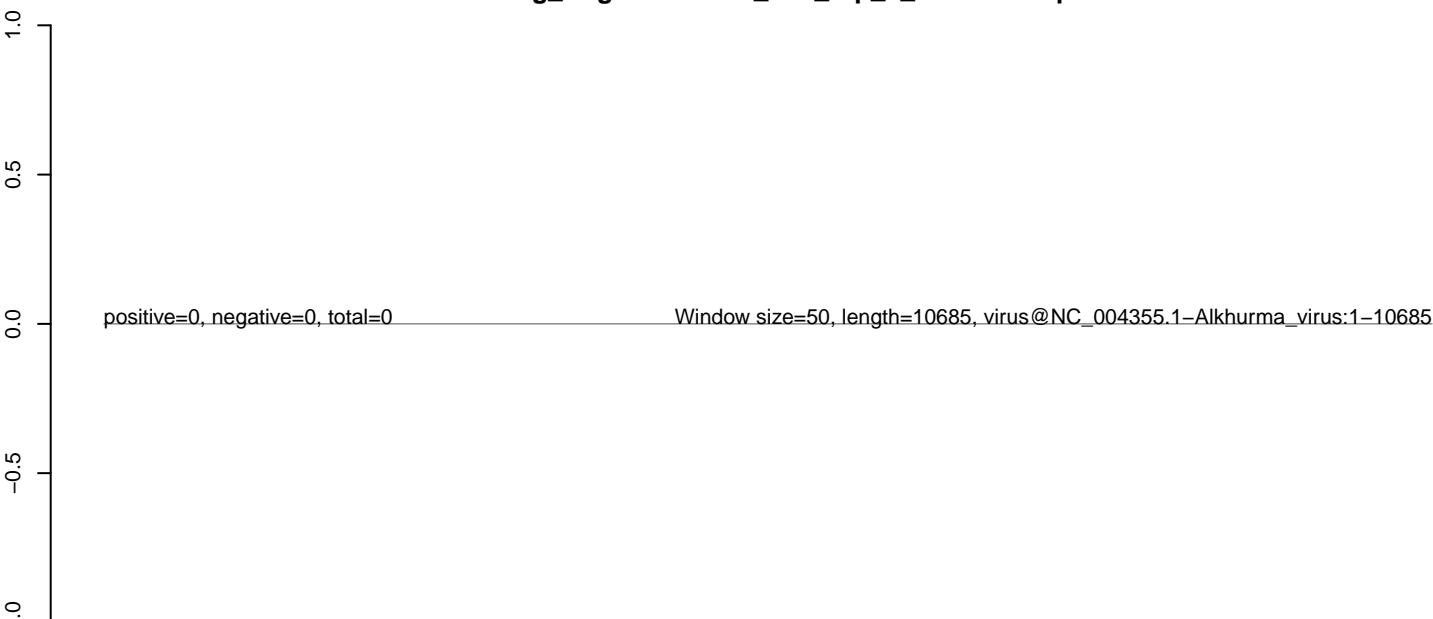
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

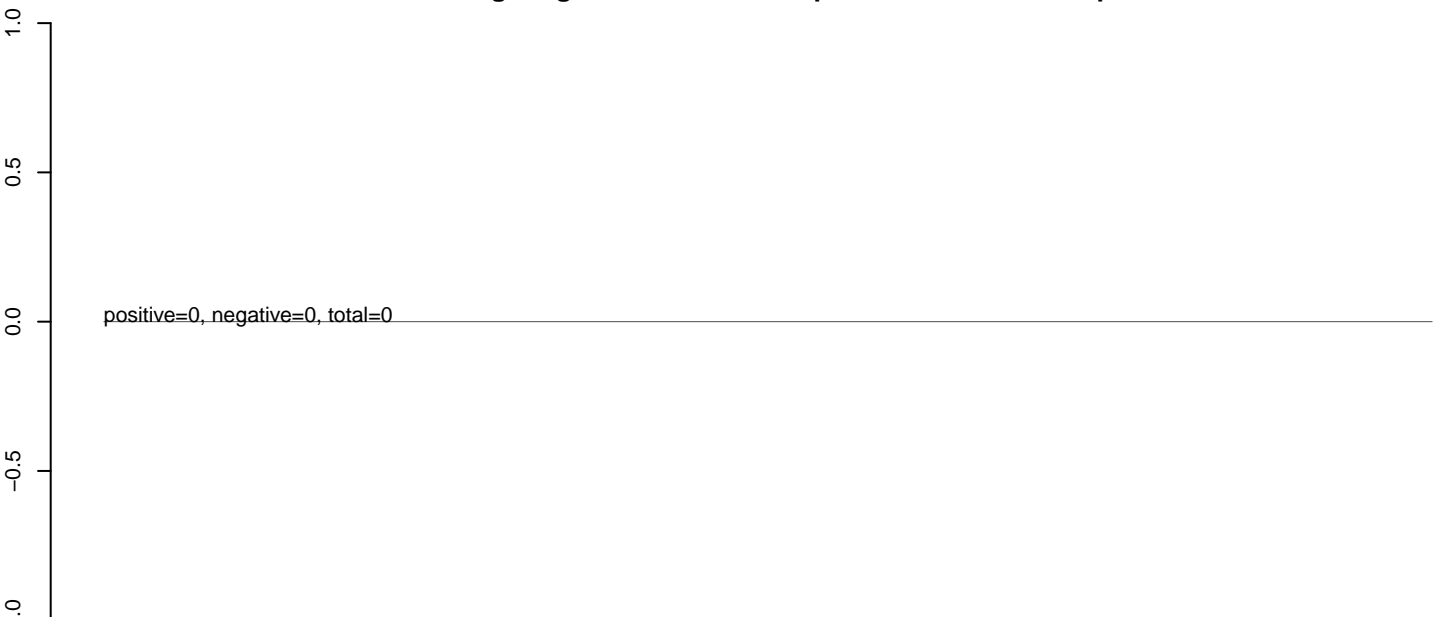


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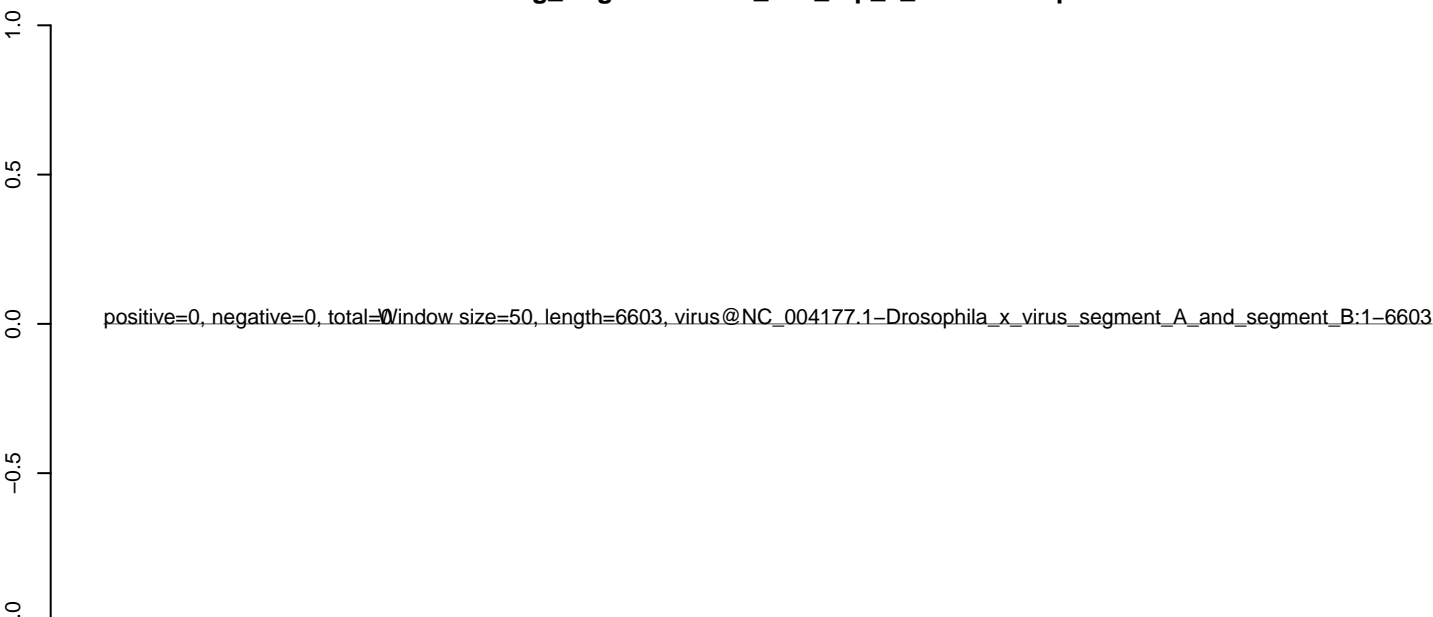
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

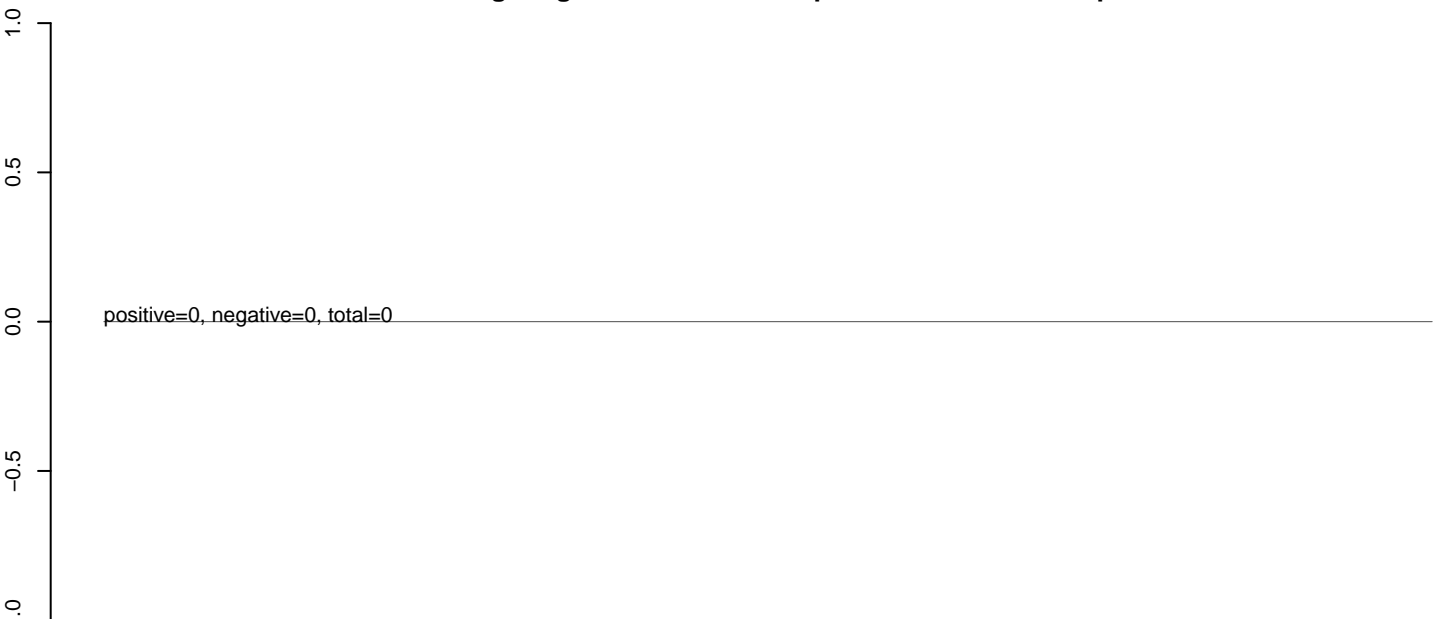


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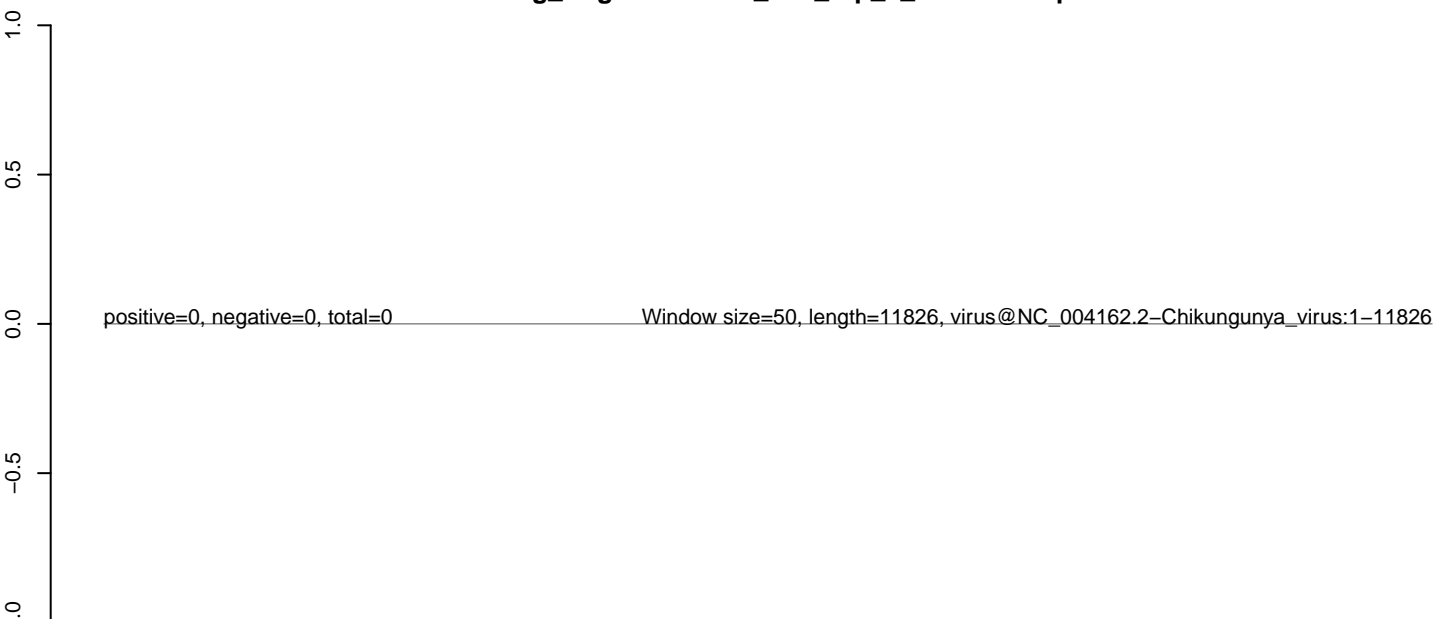
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

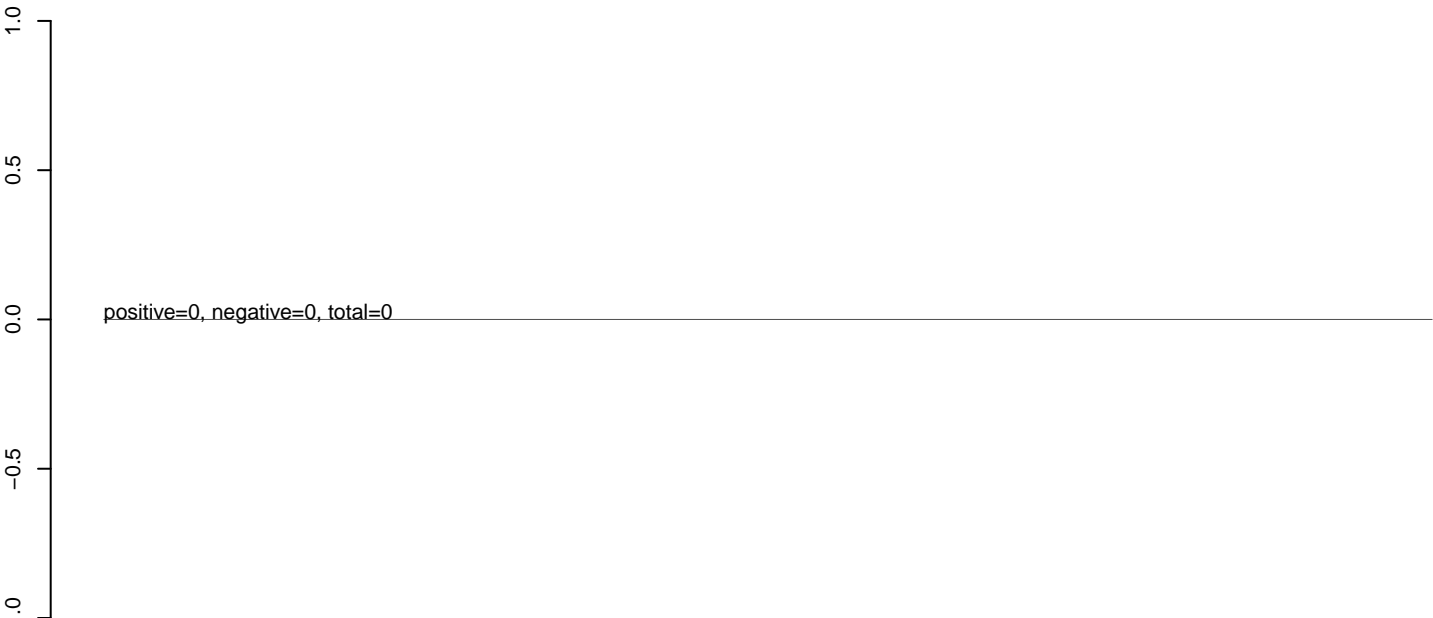


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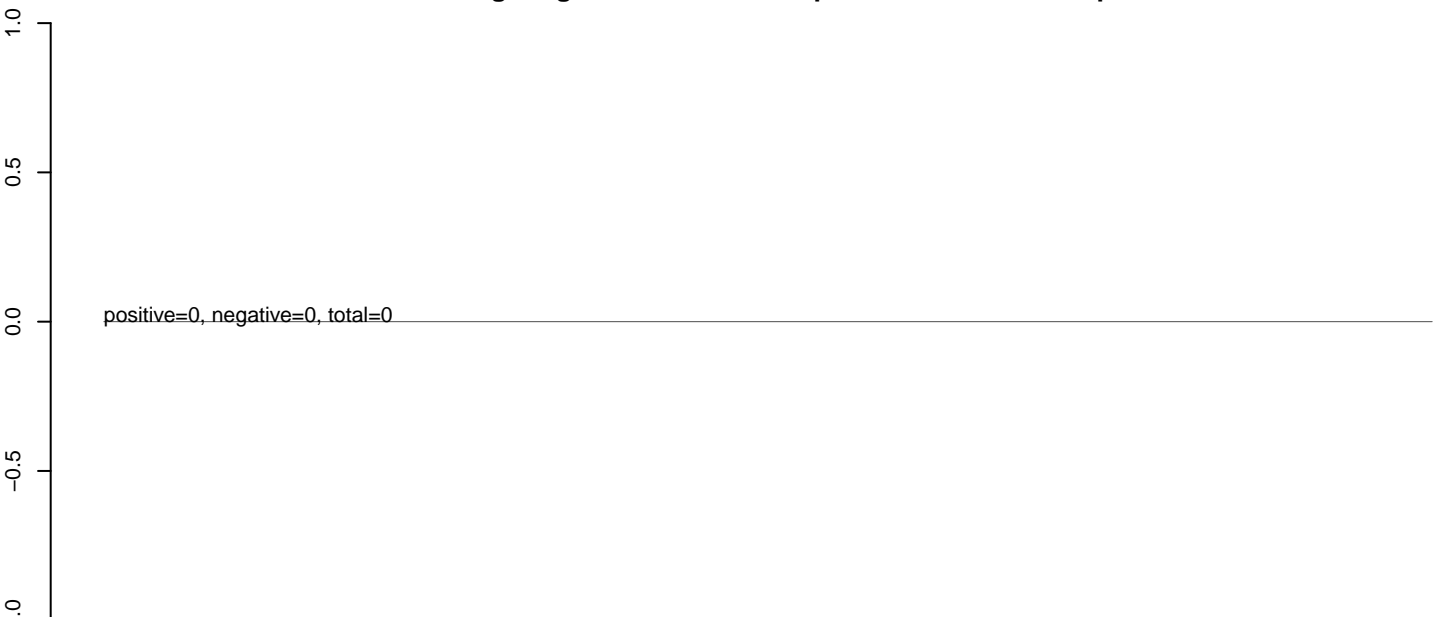


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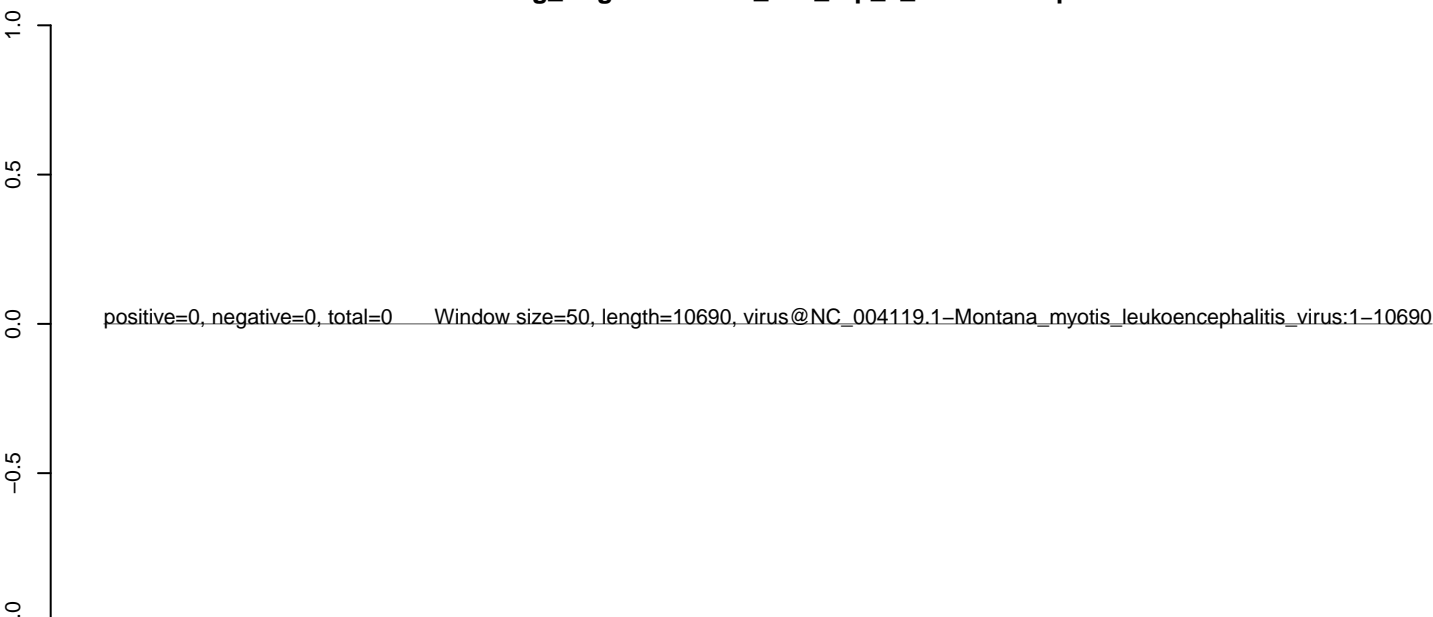
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

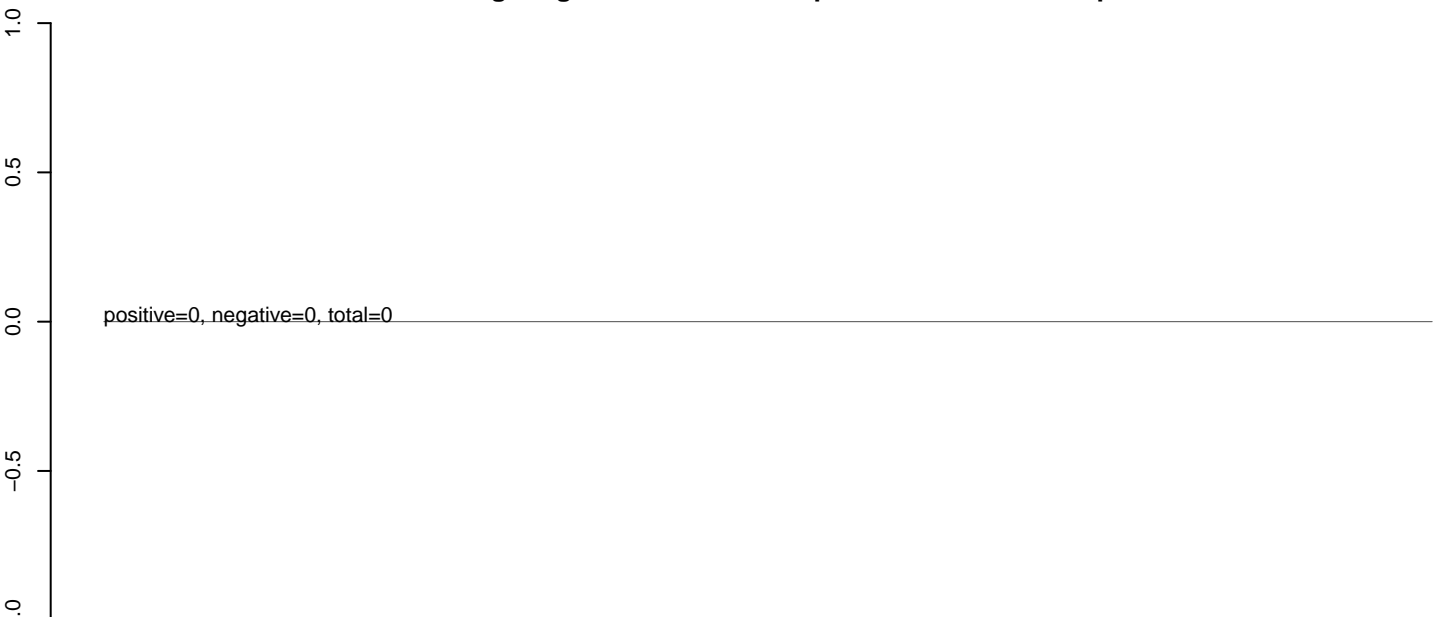


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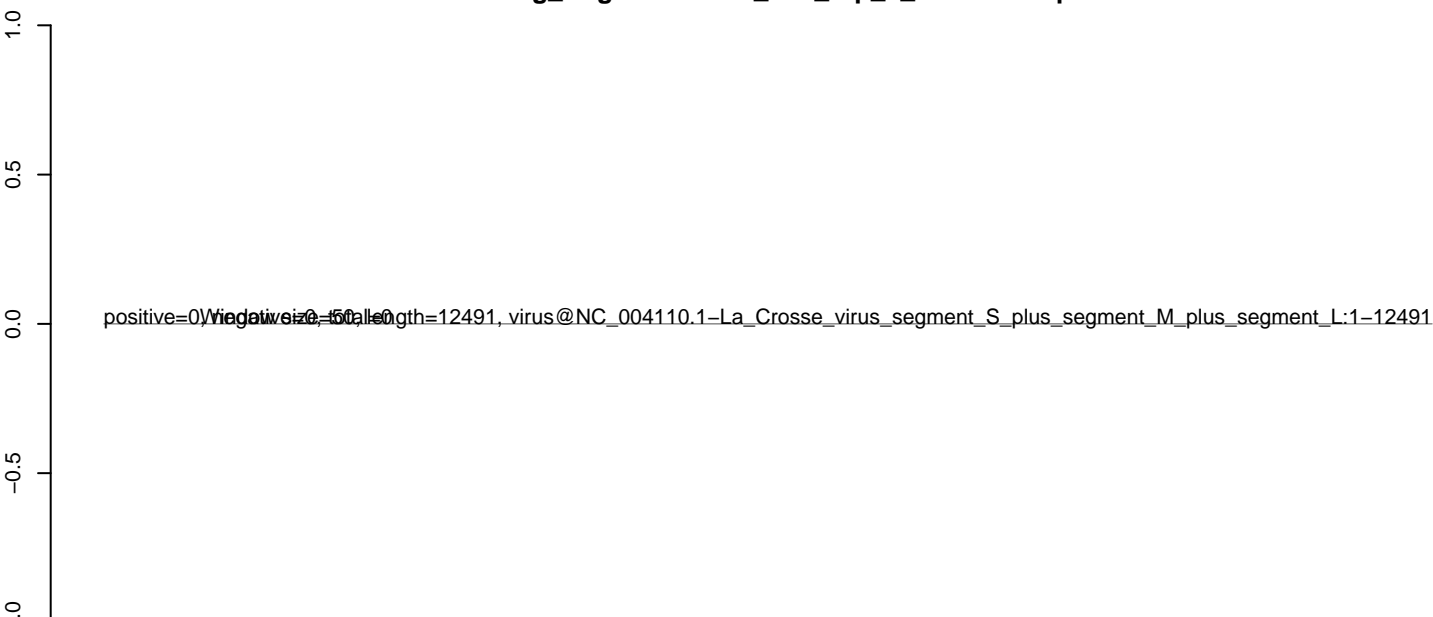
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



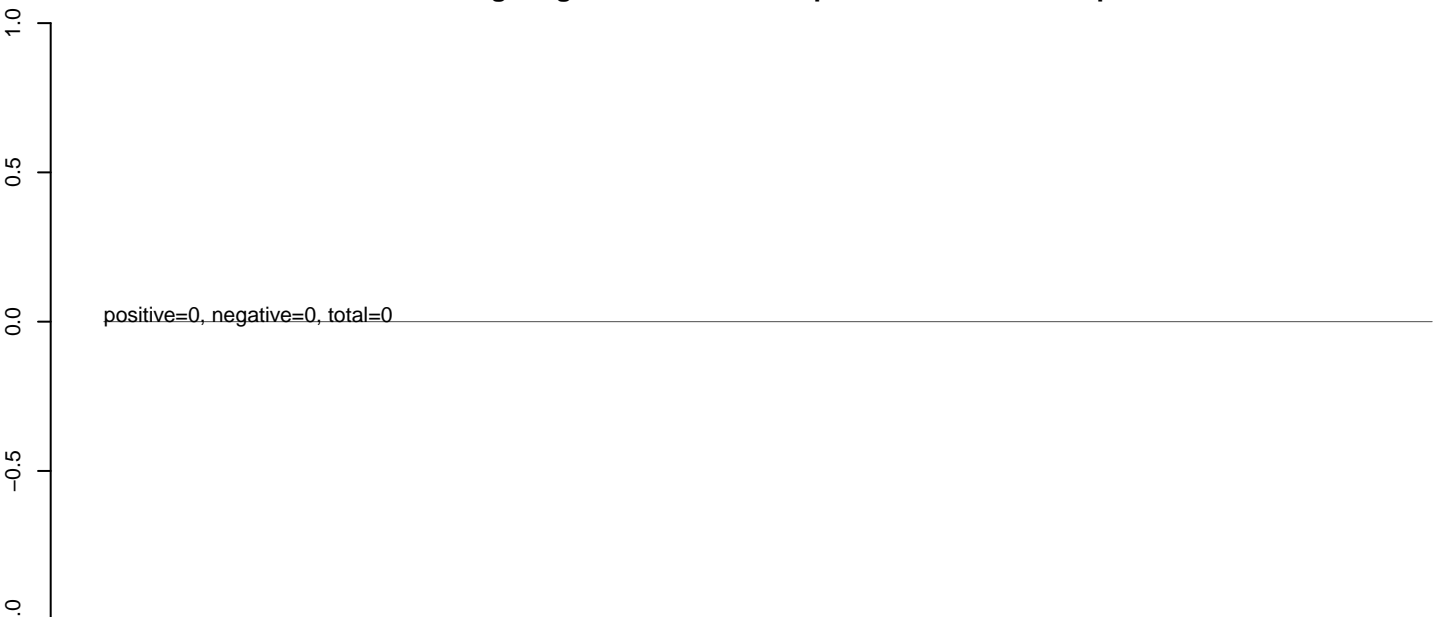
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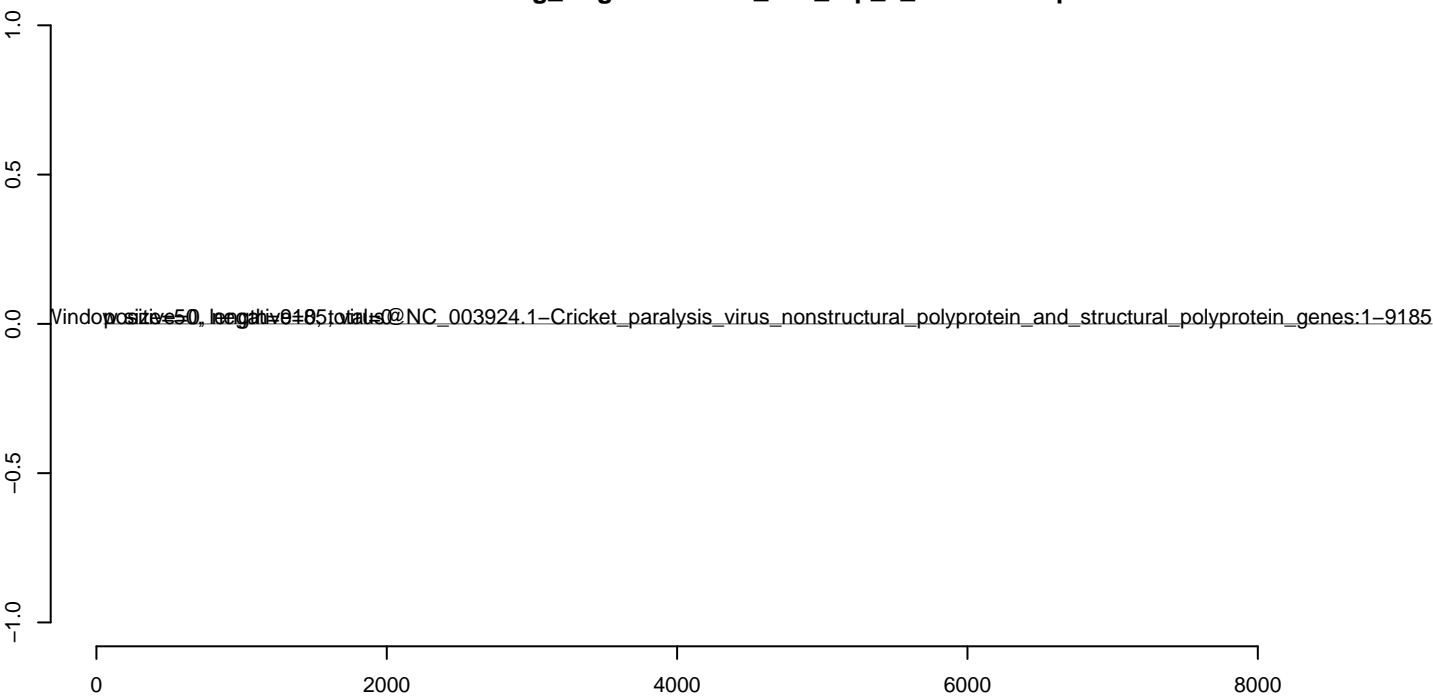
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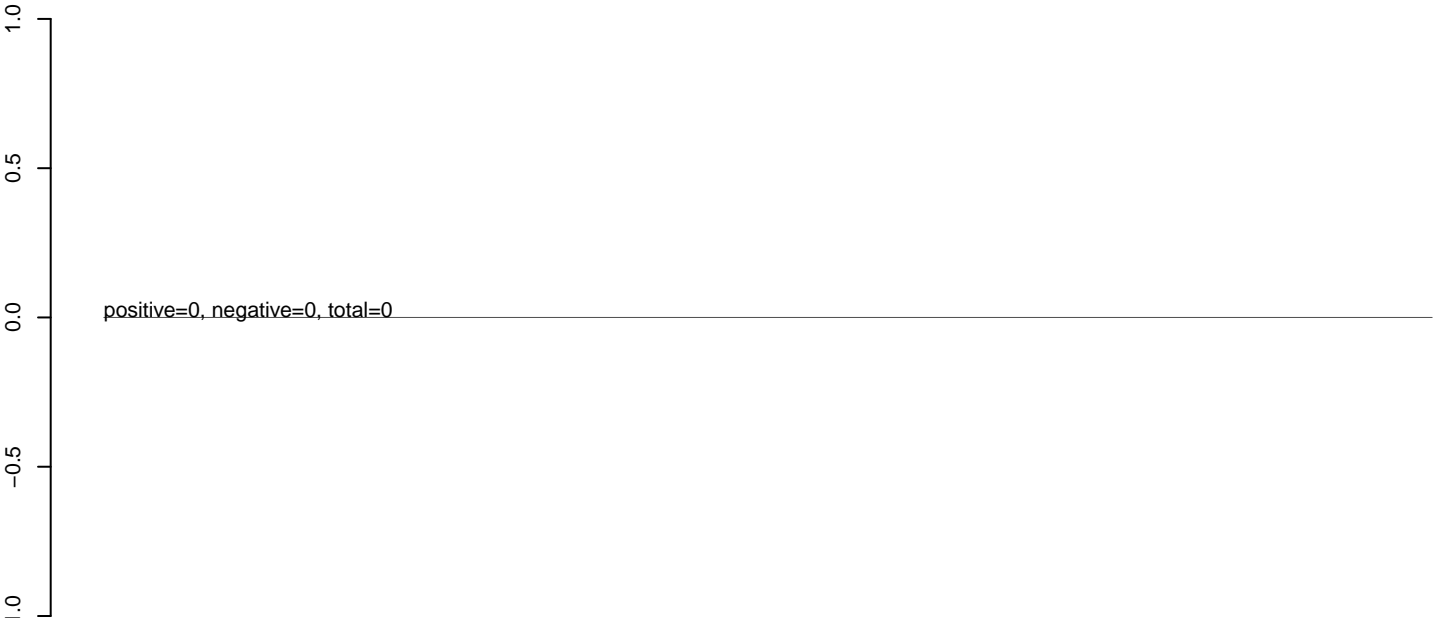
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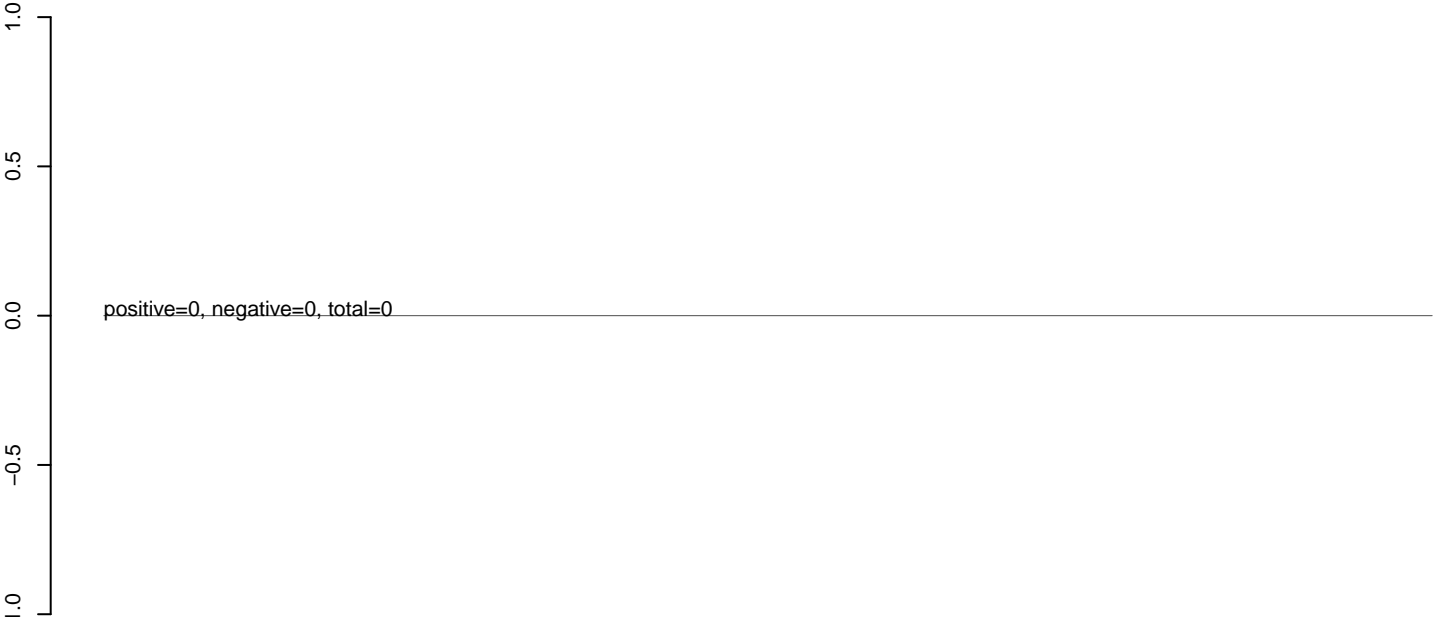
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



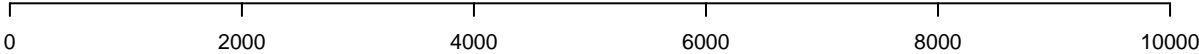
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

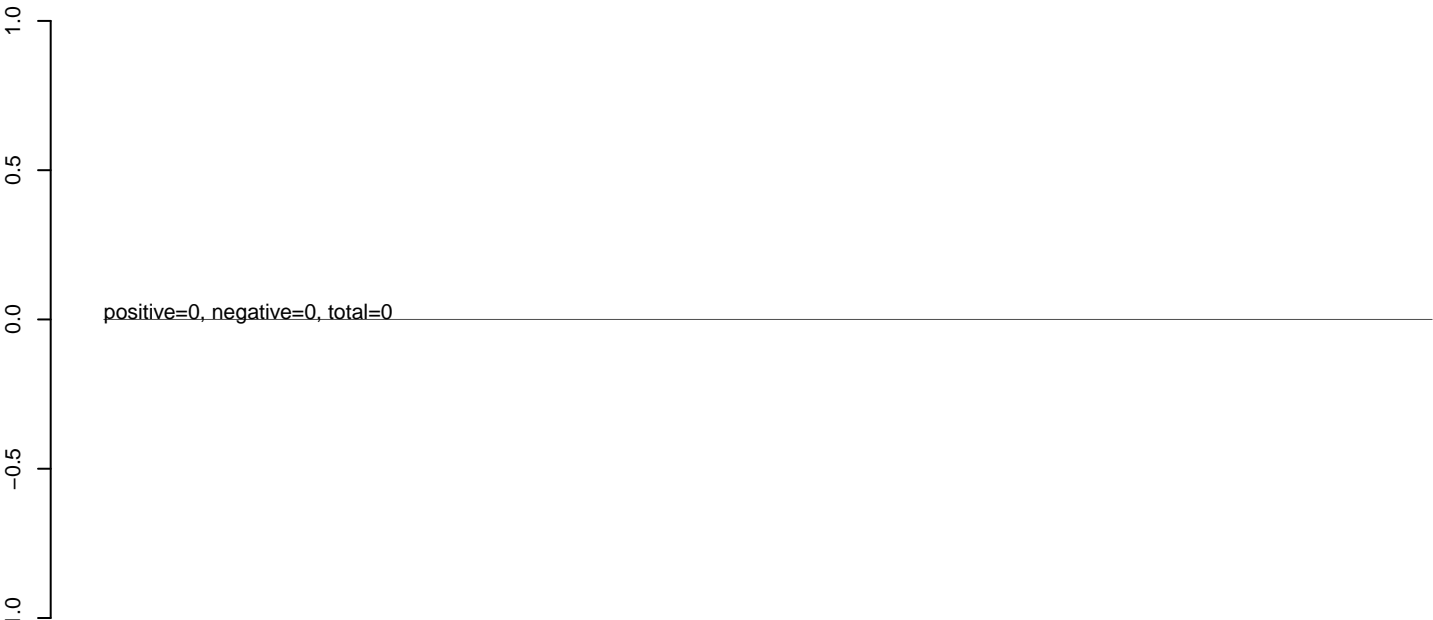


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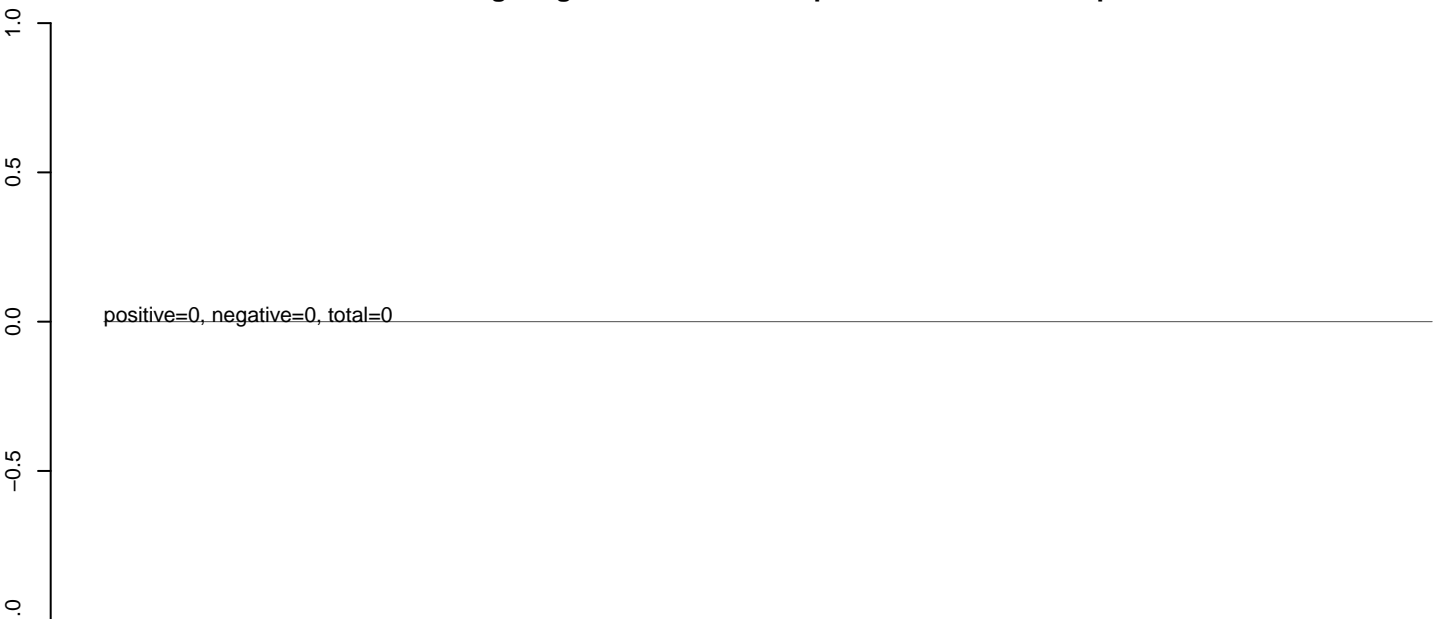


**AeAeg\_Aag2smallIRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



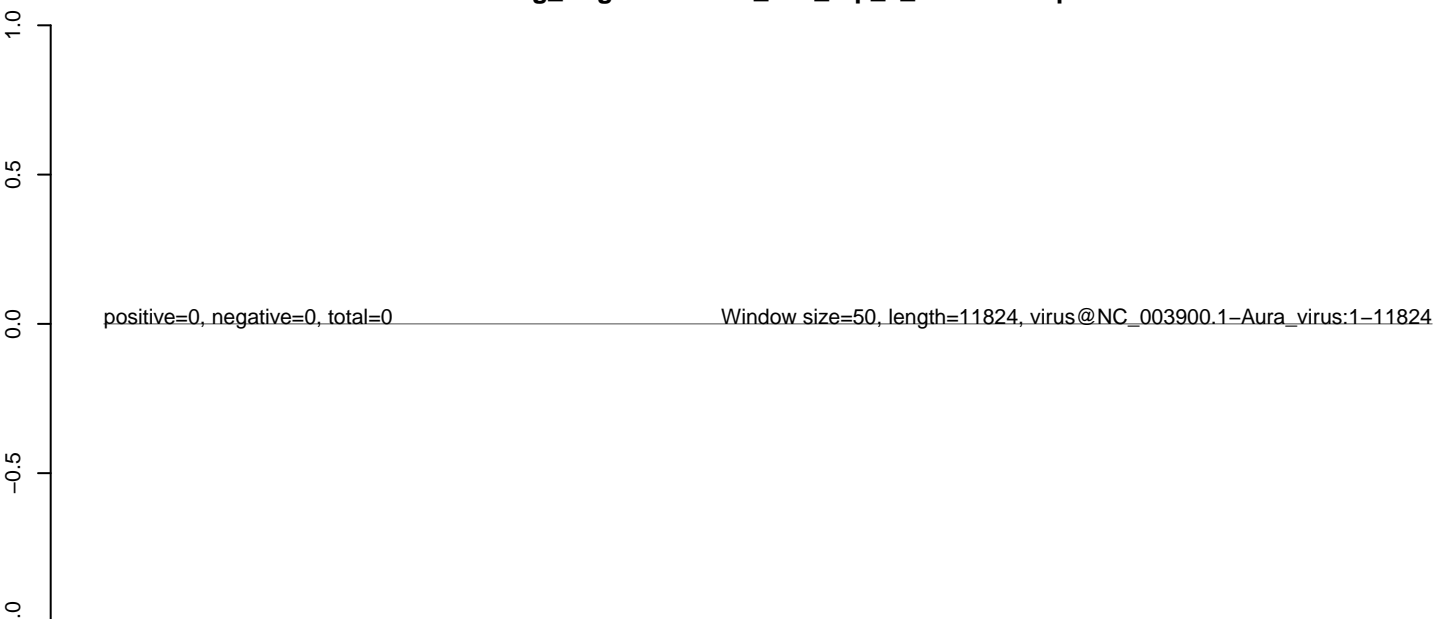
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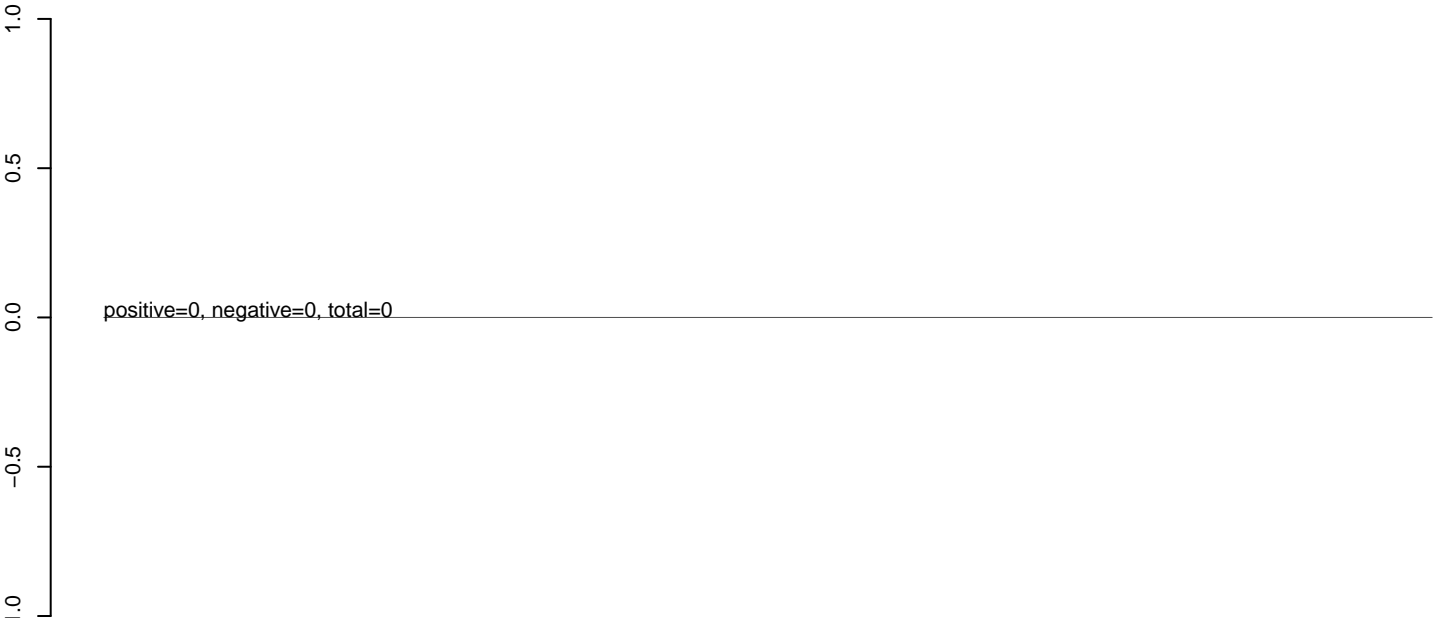
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**AeAeg\_Aag2smallIRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

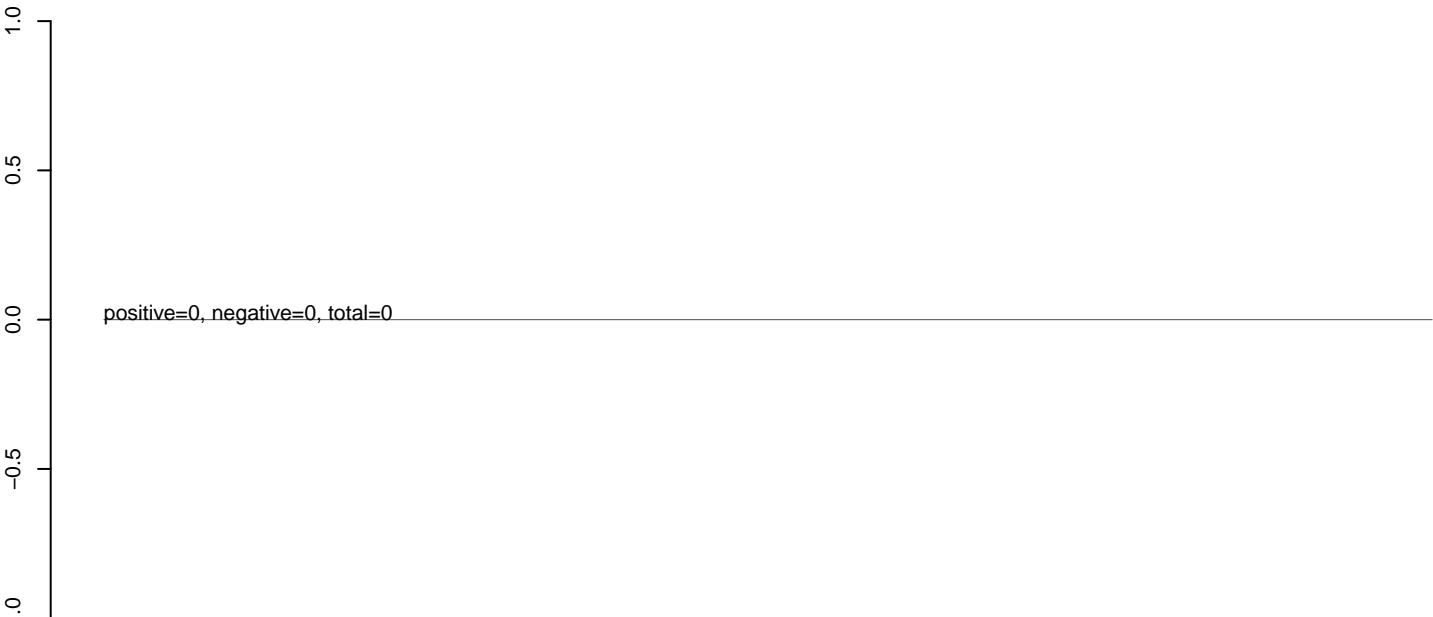


positive=0, negative=0, total=0 Window size=50, length=11824, virus@NC\_003900.1-Aura\_virus:1-11824

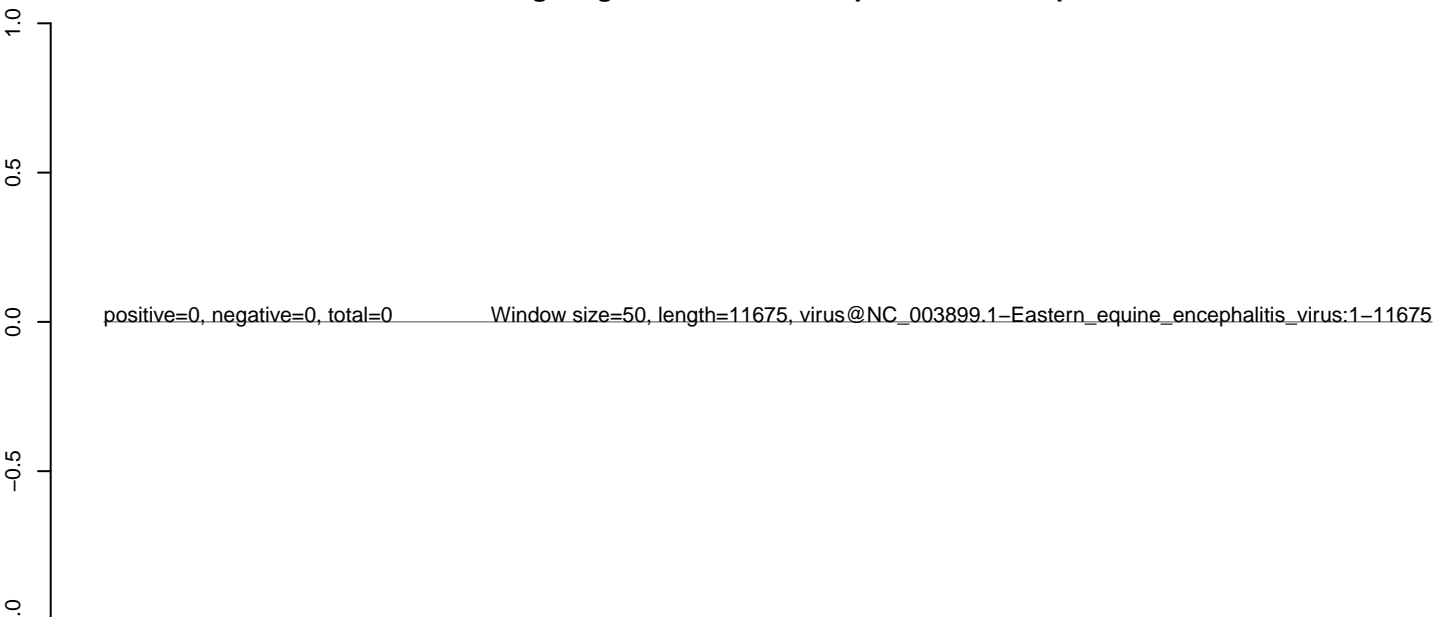
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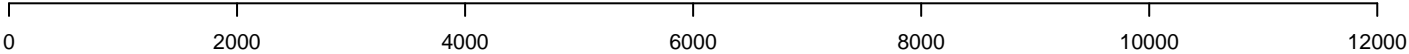
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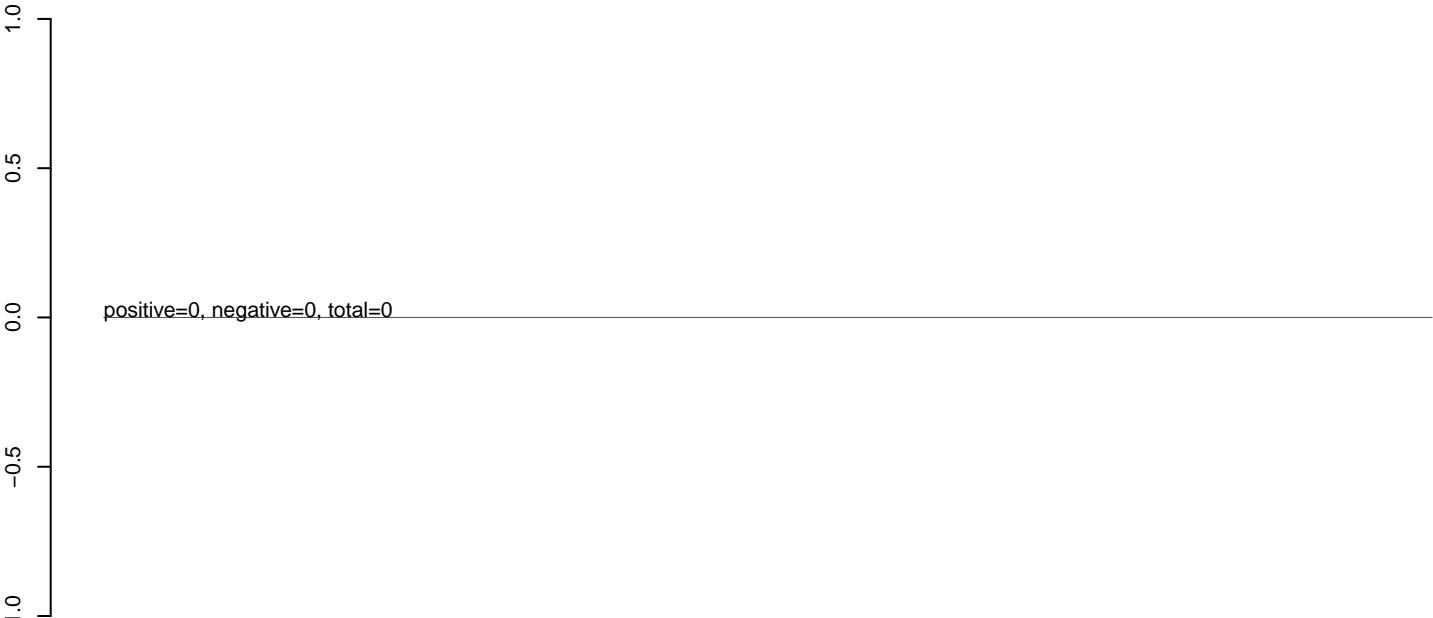
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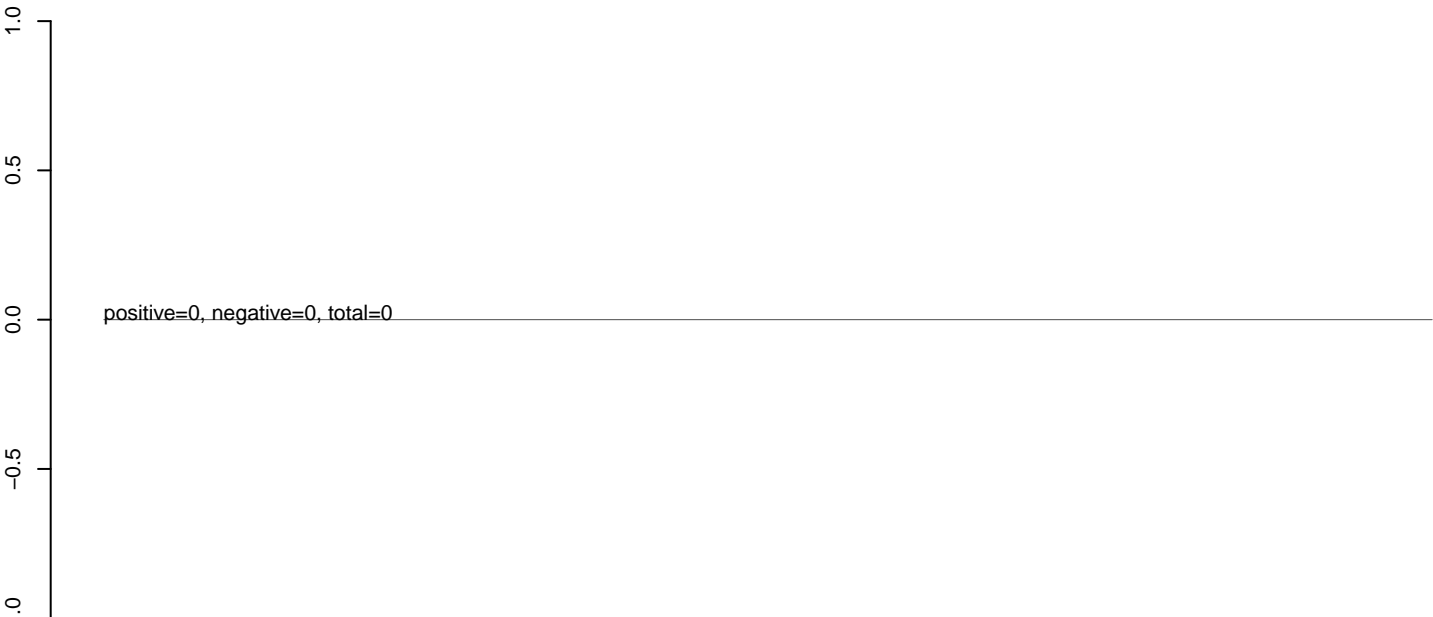
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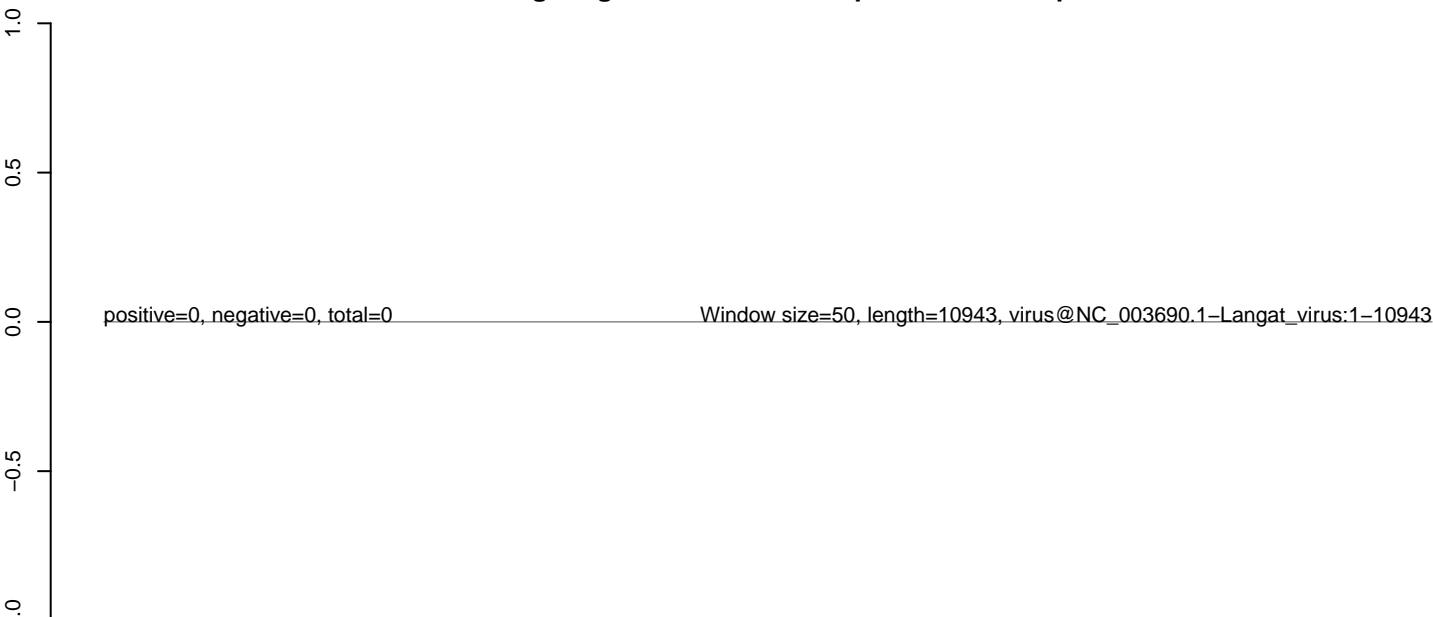
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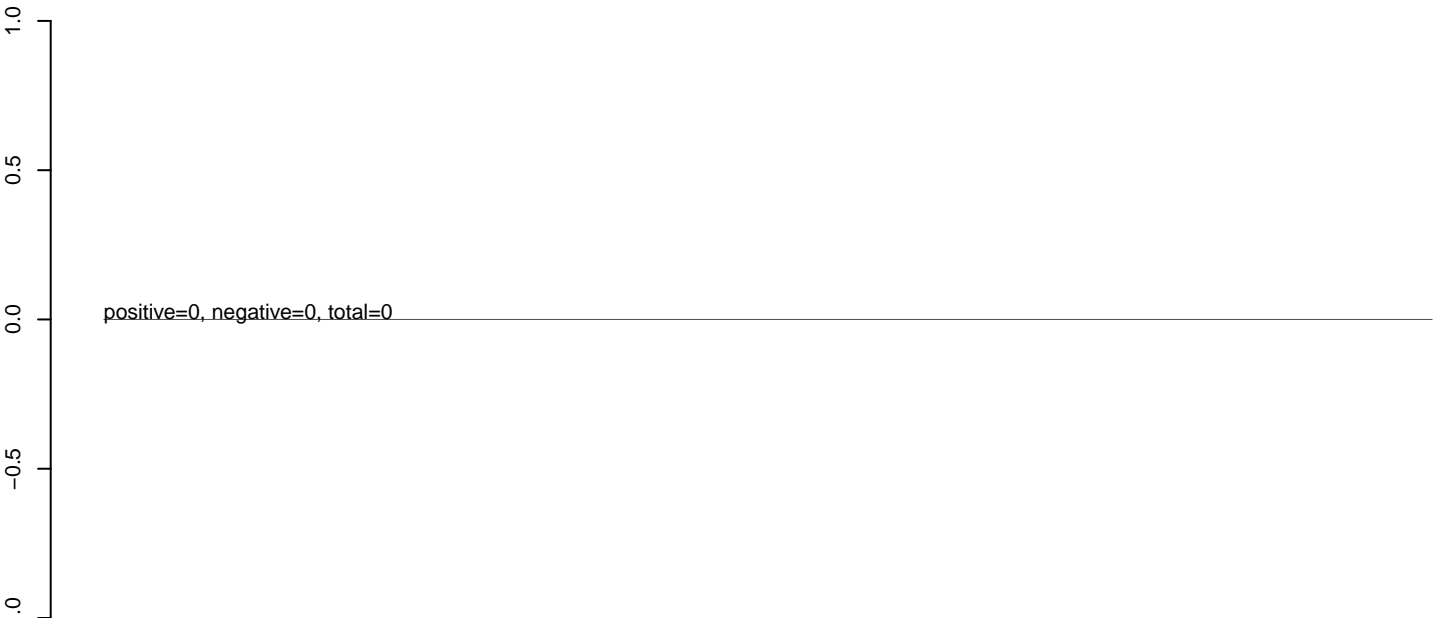
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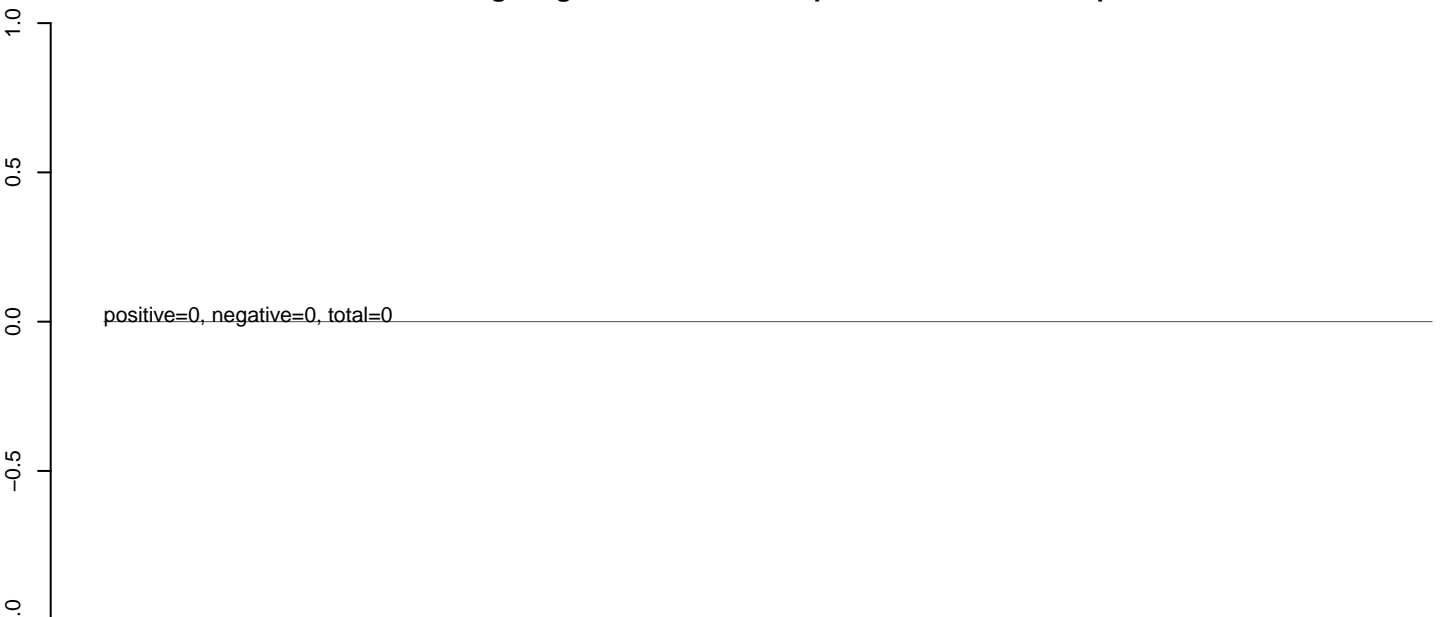
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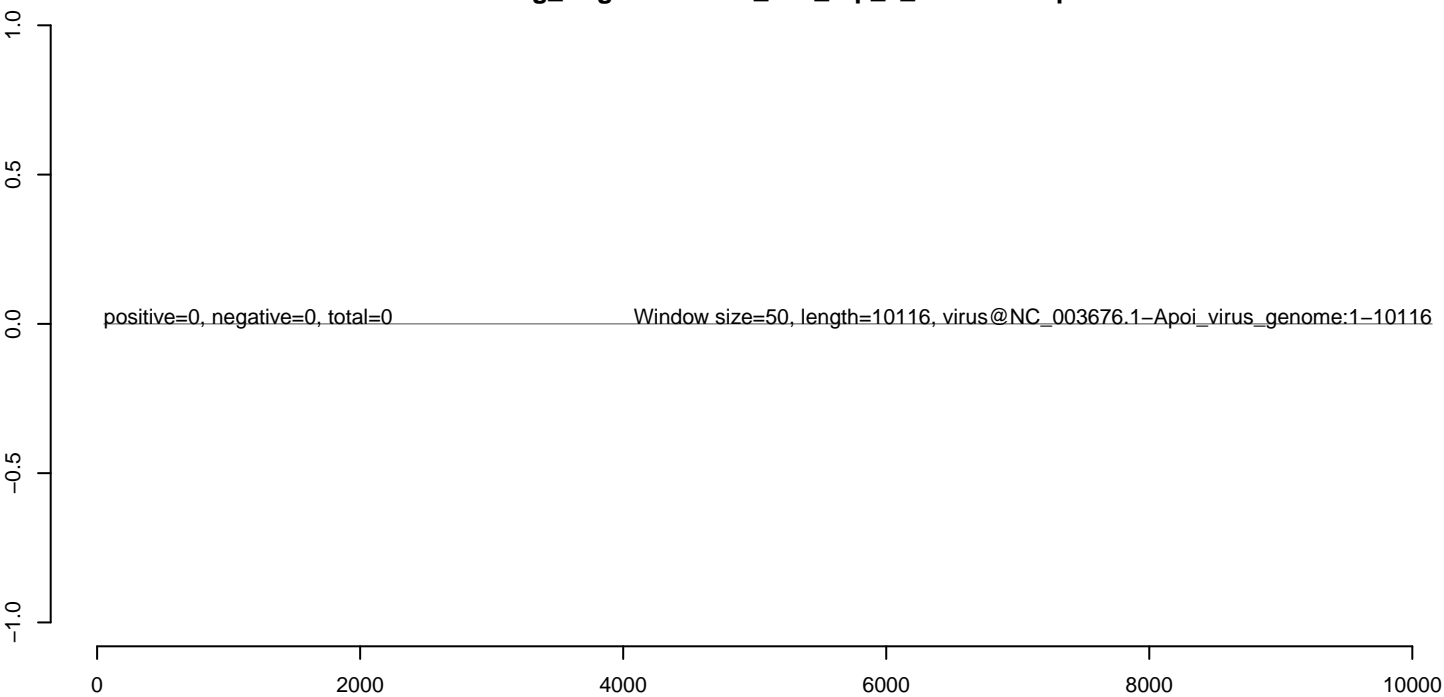
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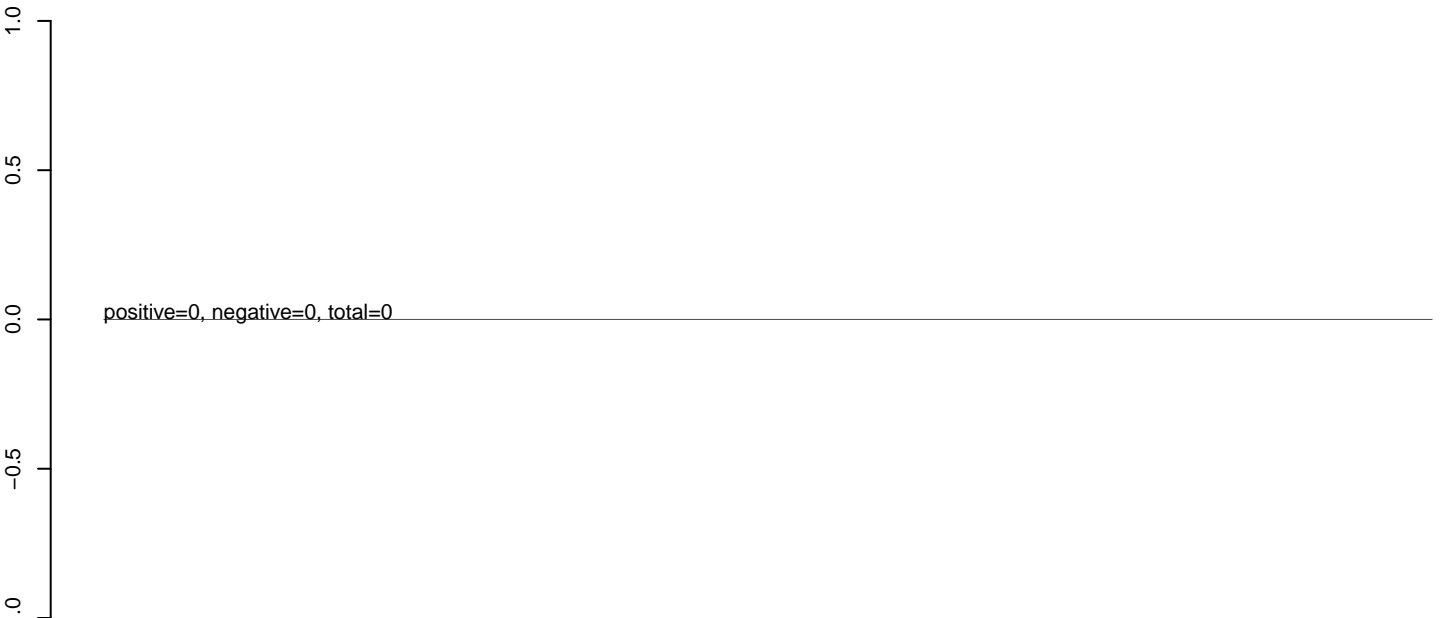
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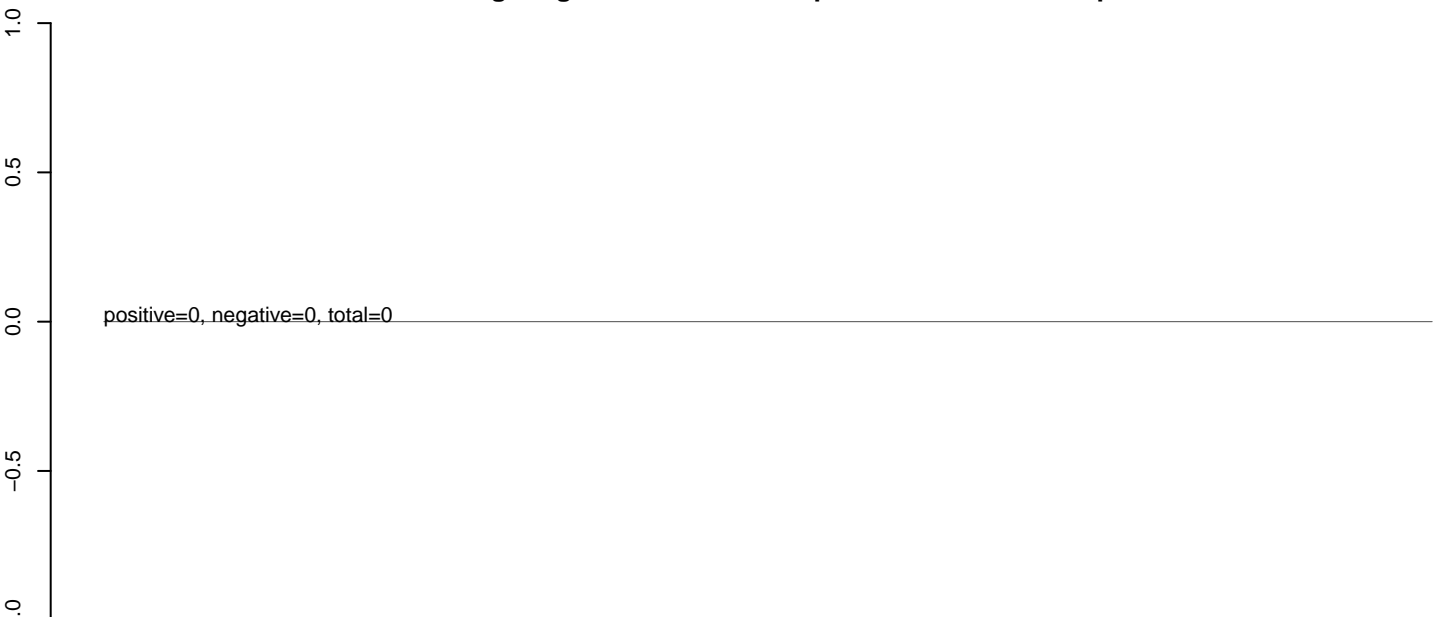
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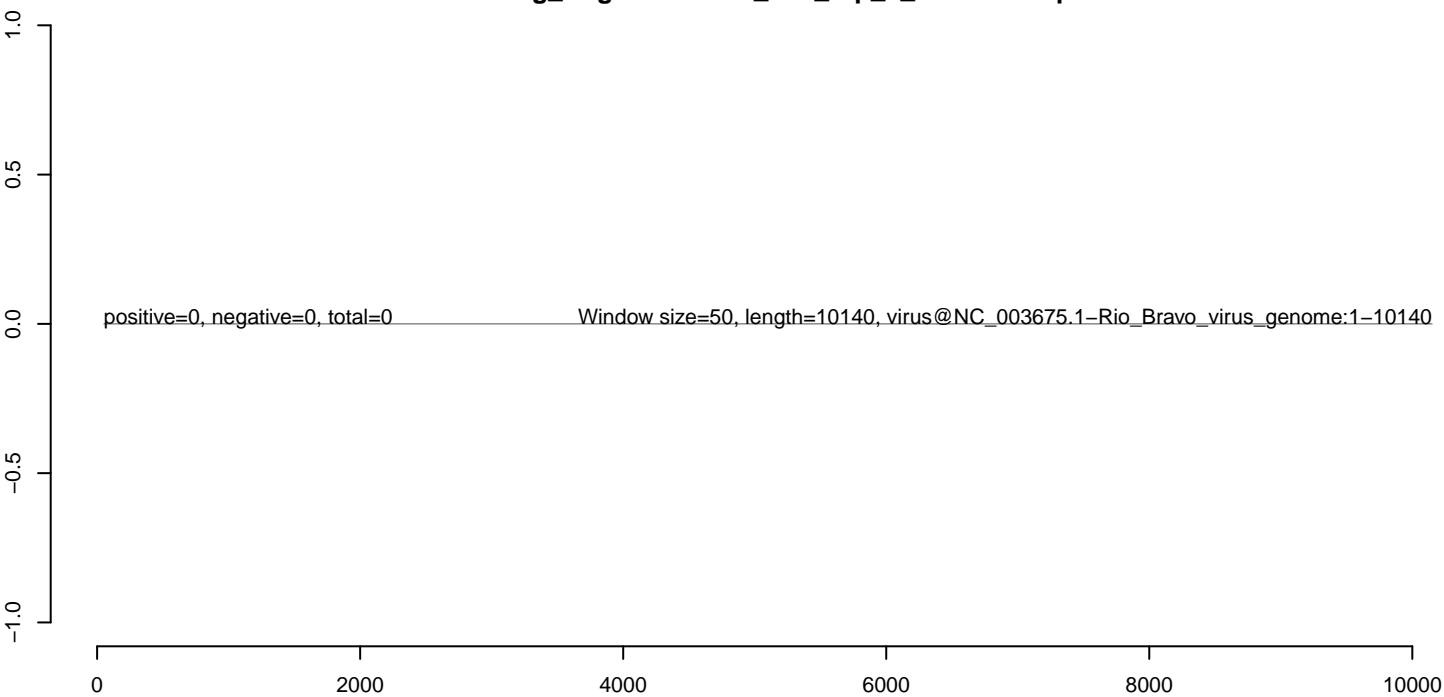
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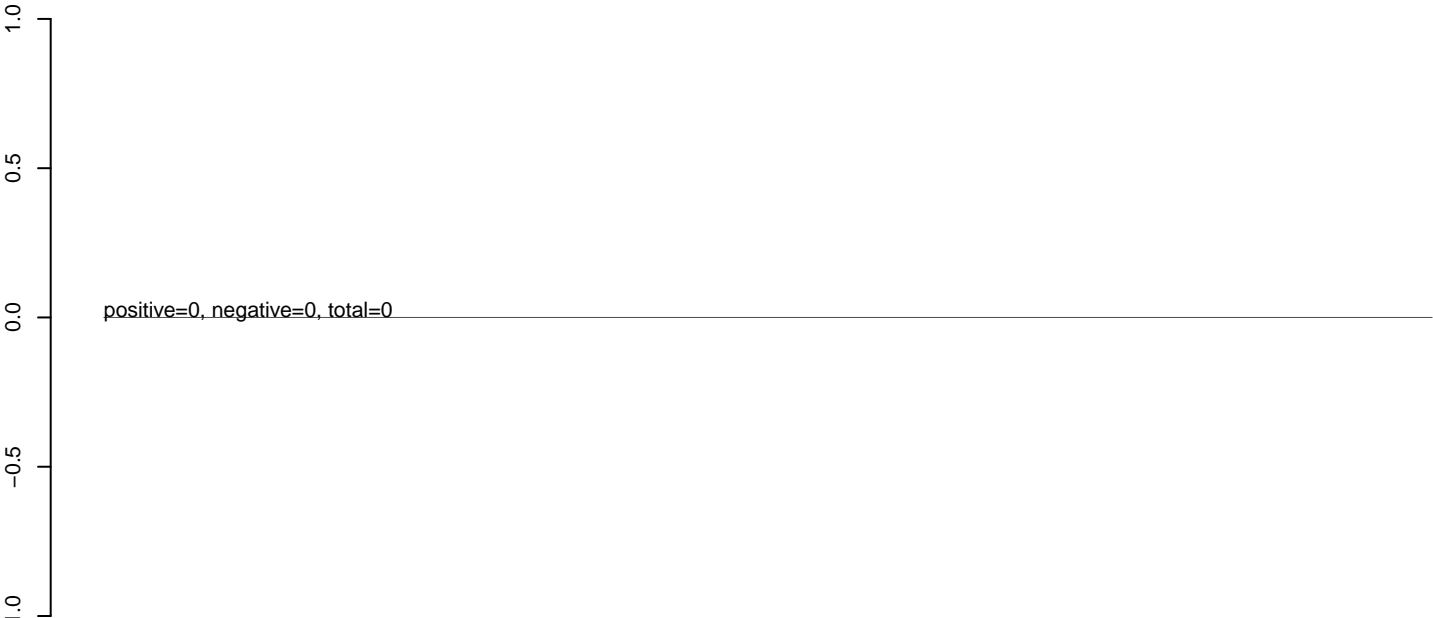
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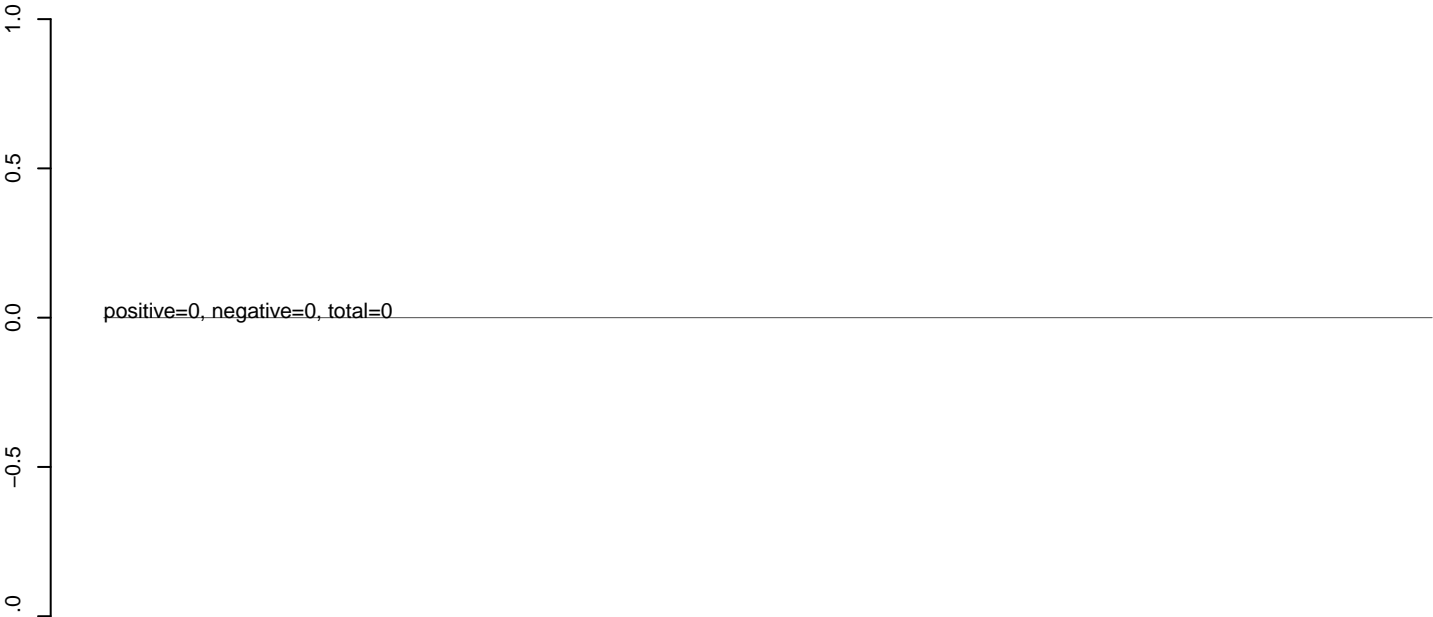
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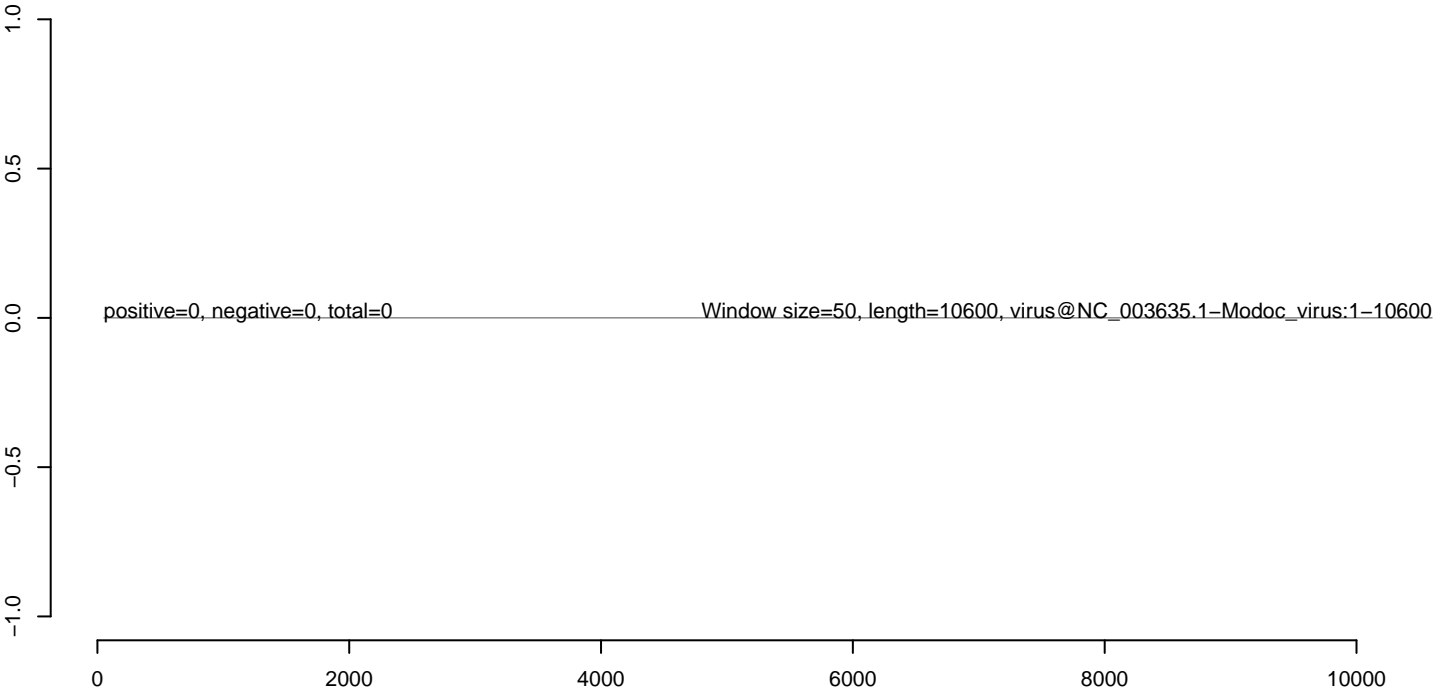
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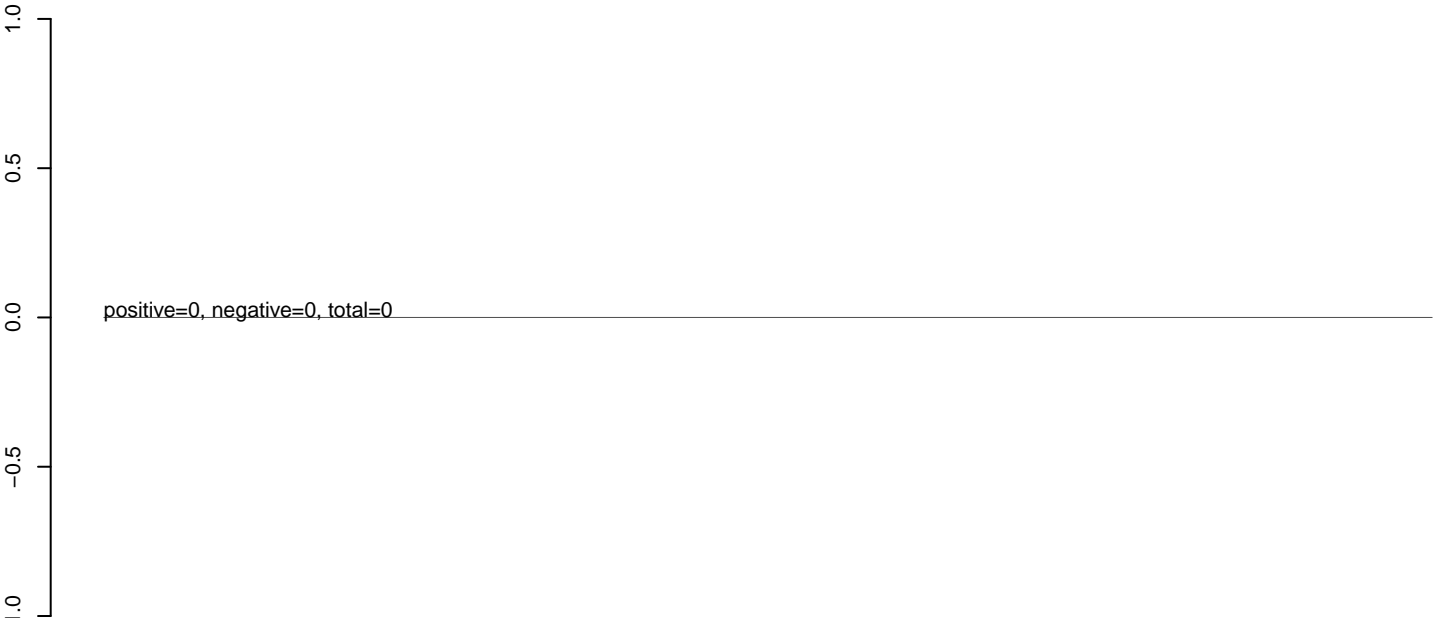
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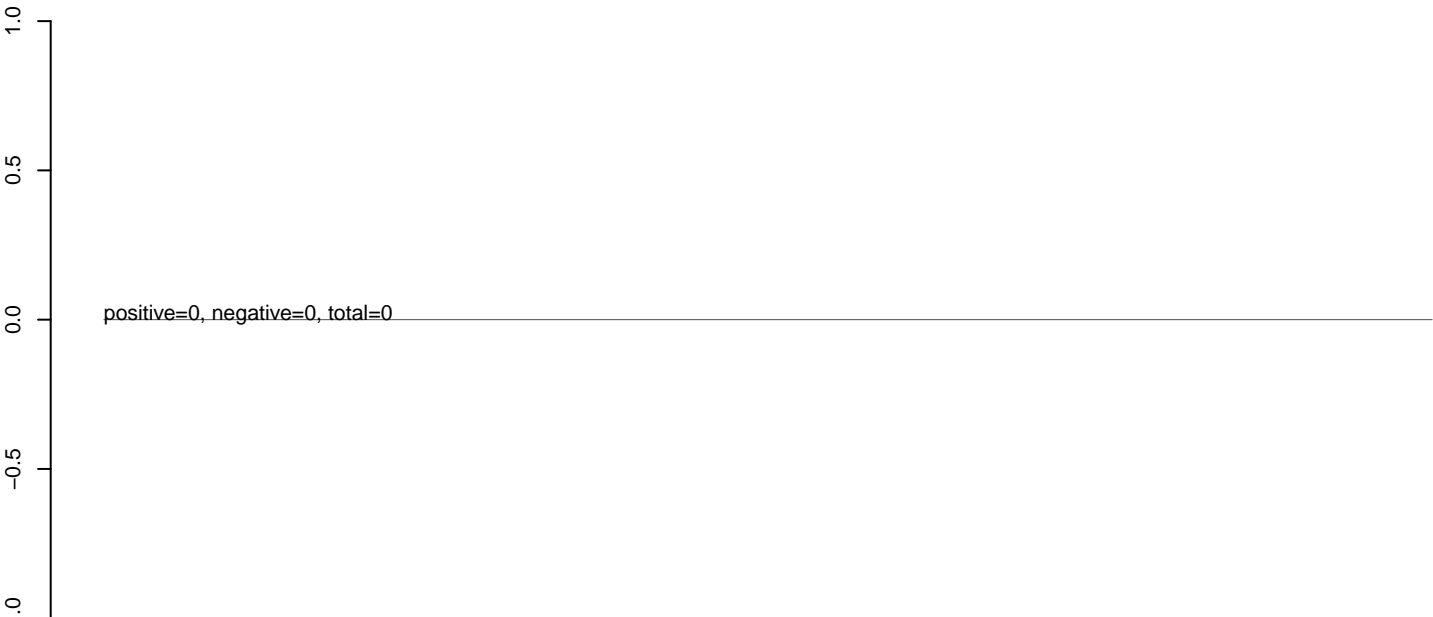
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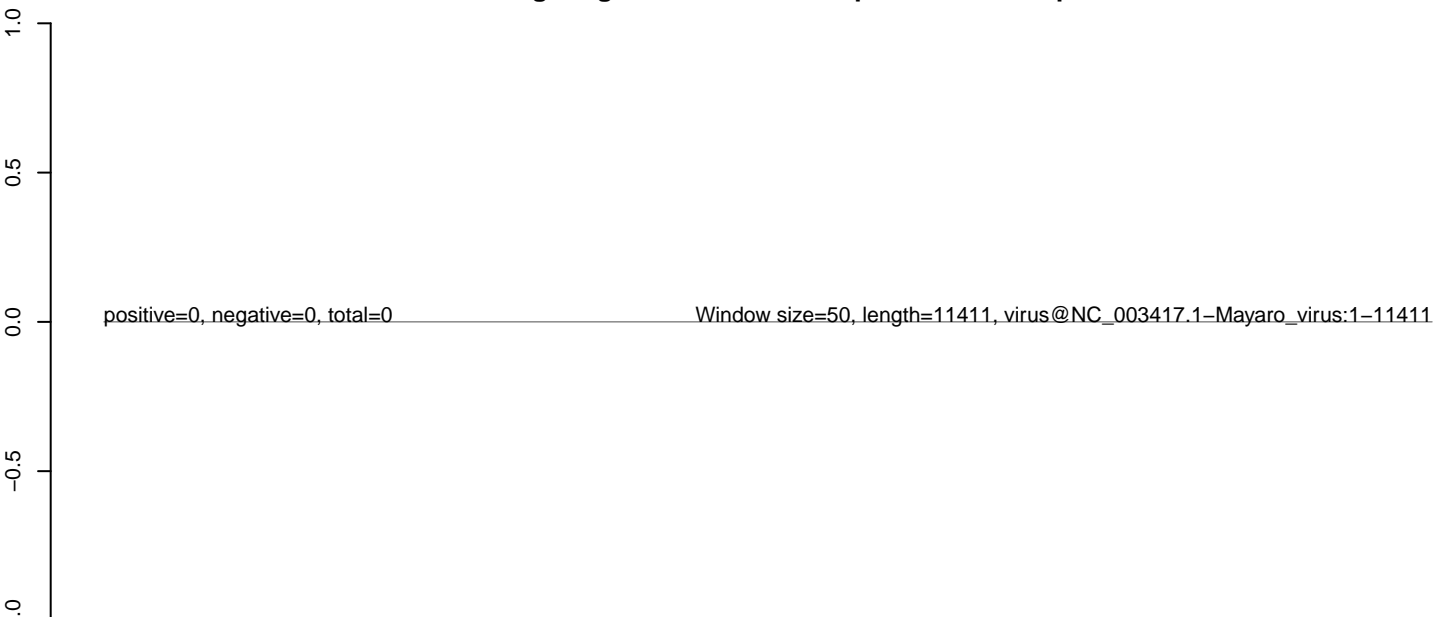
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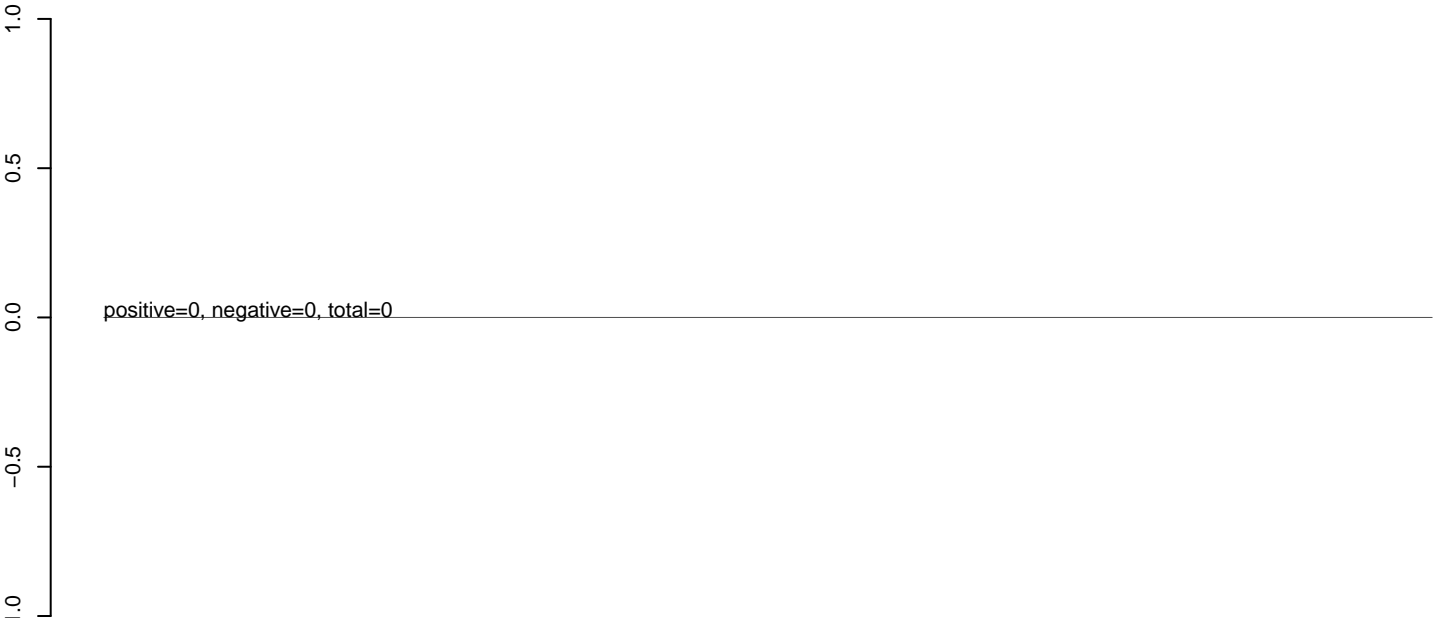
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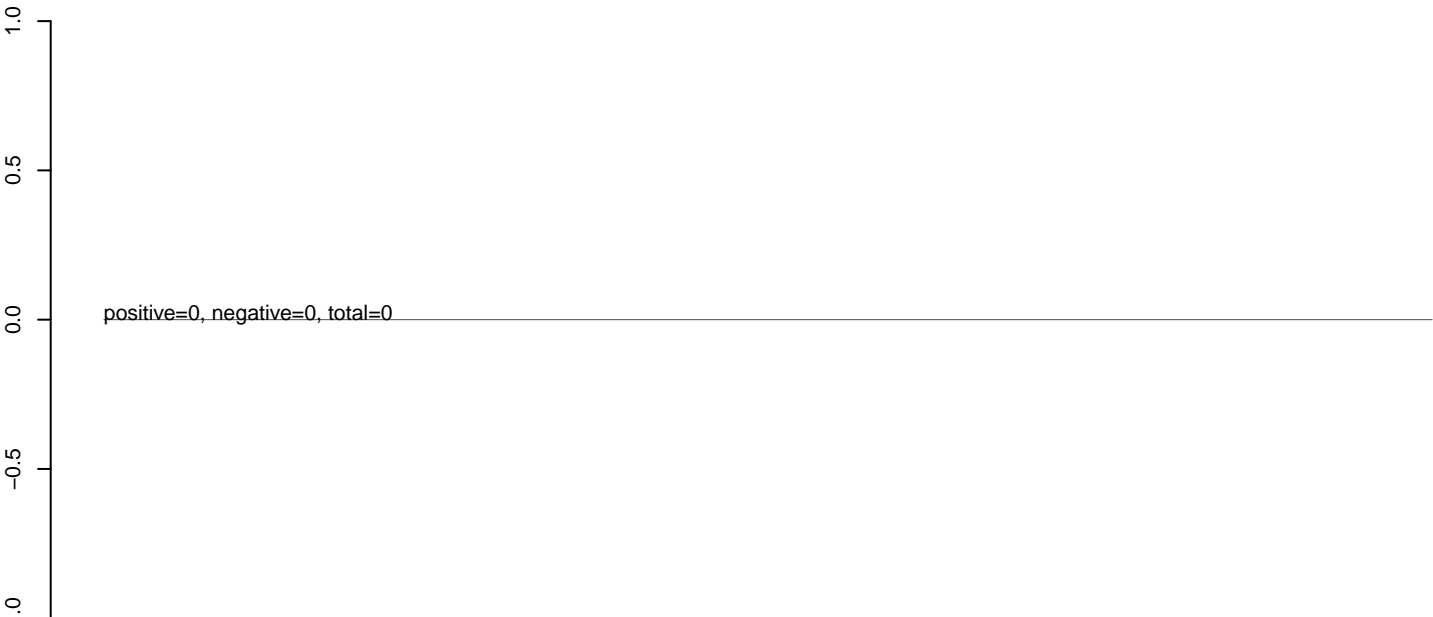
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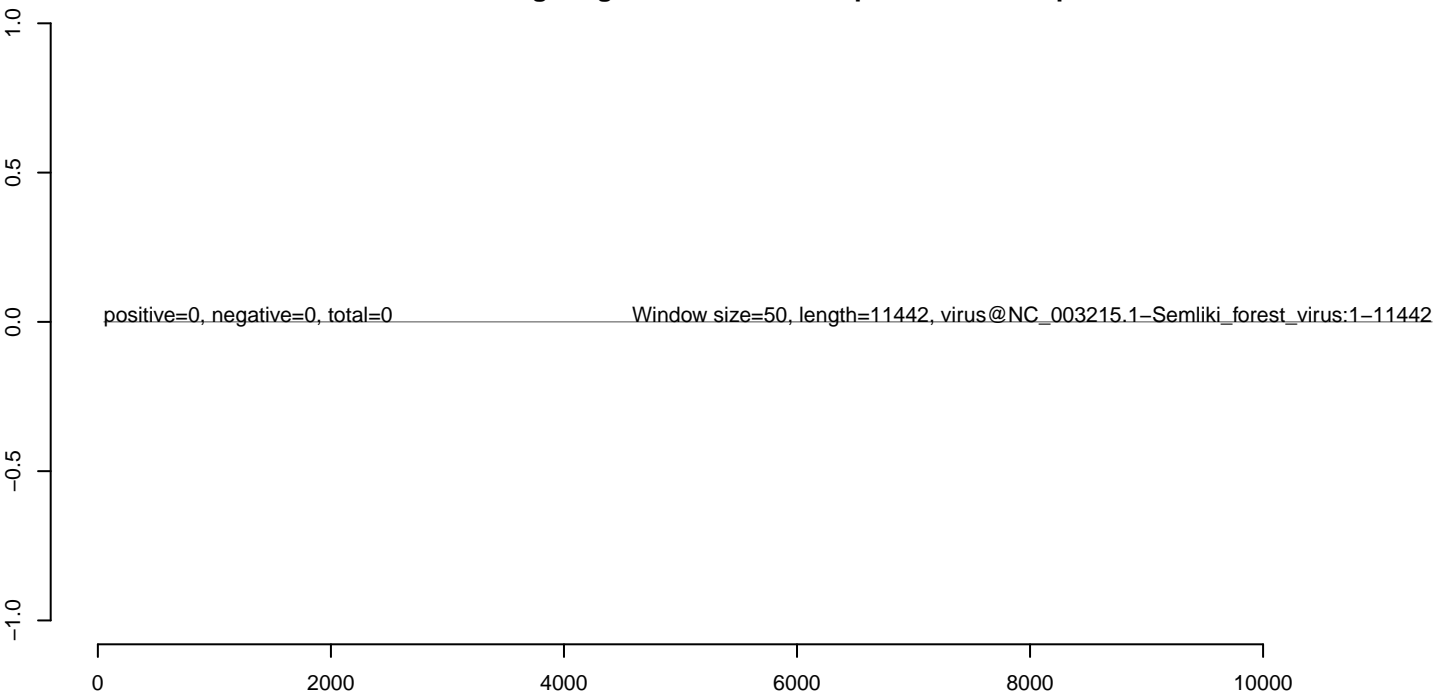
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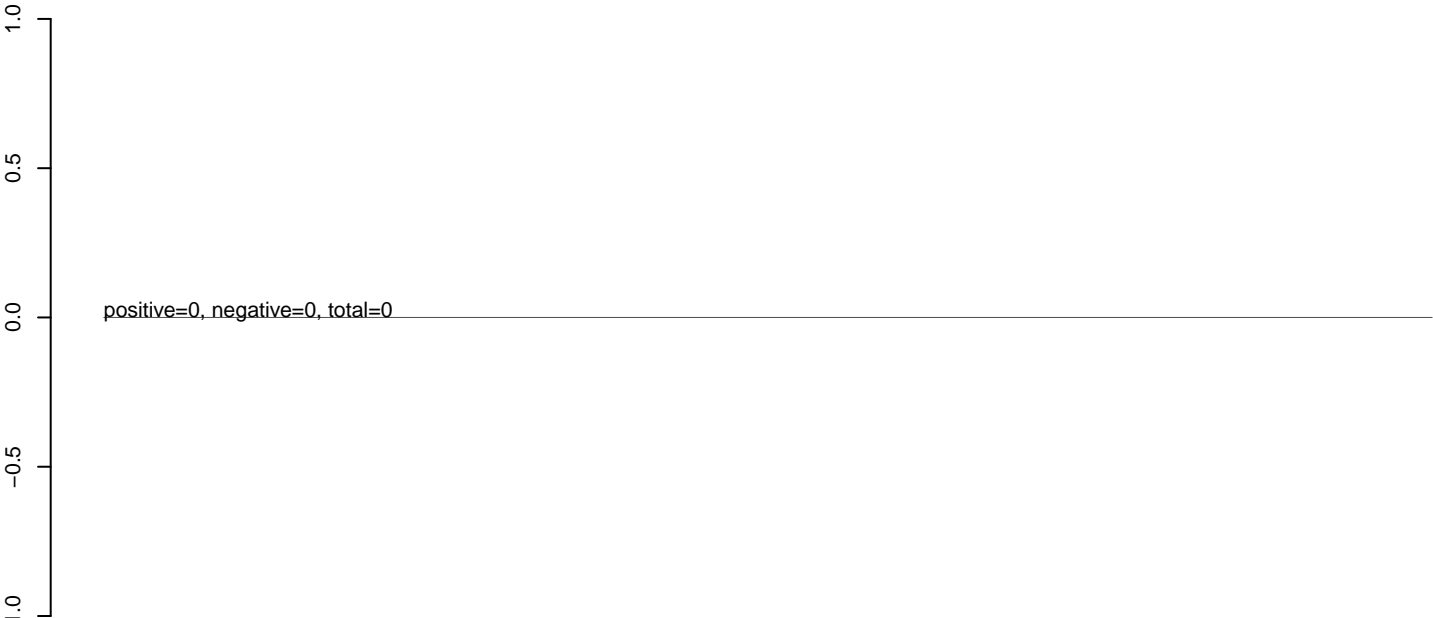


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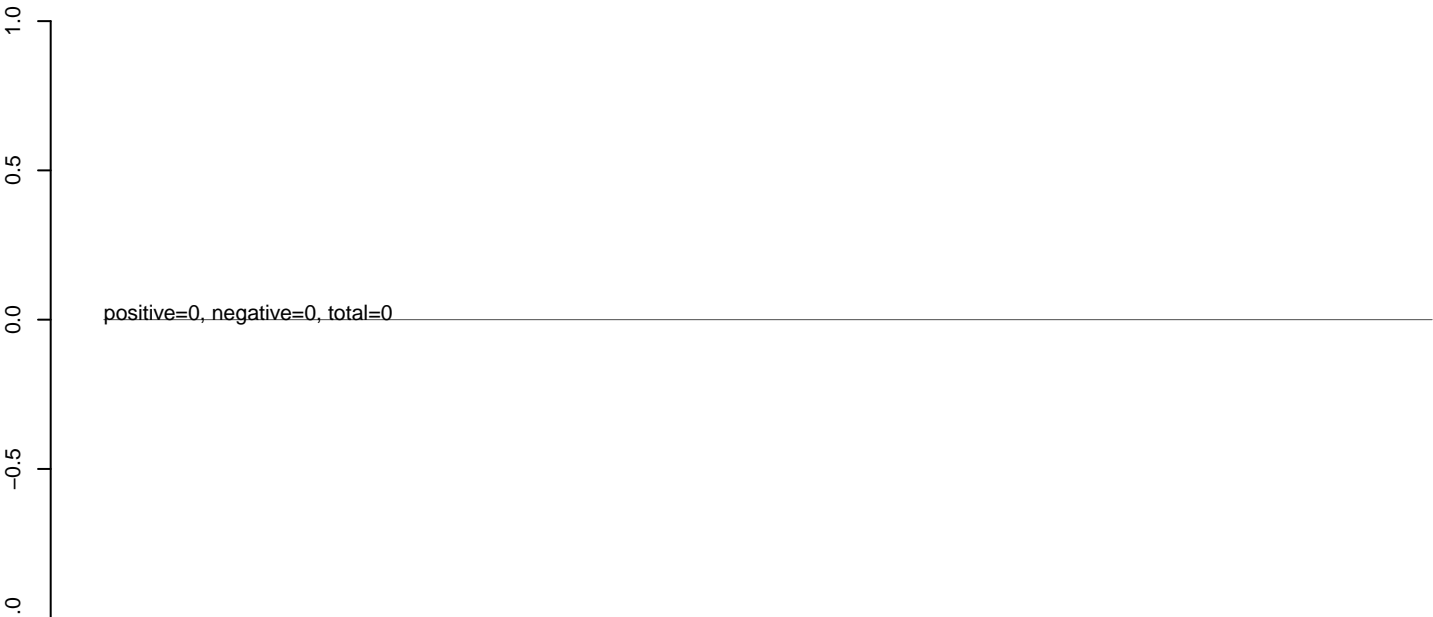




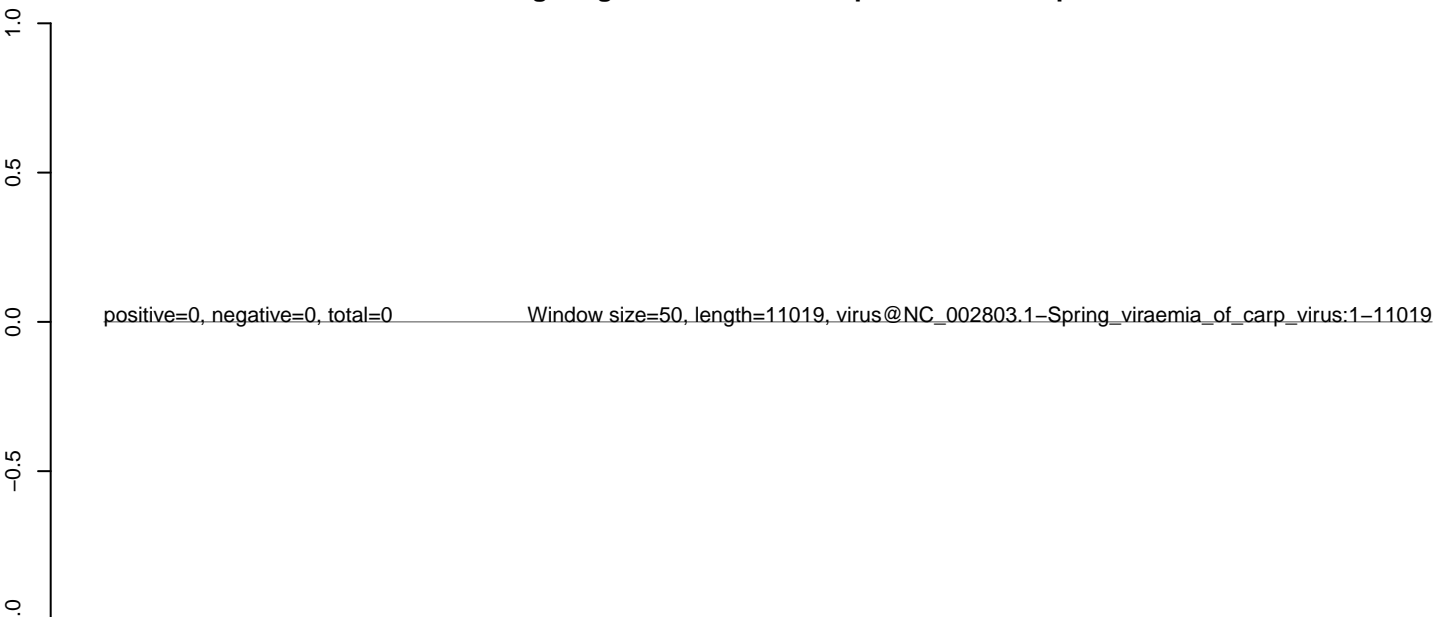
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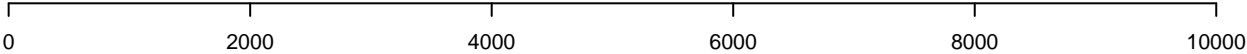
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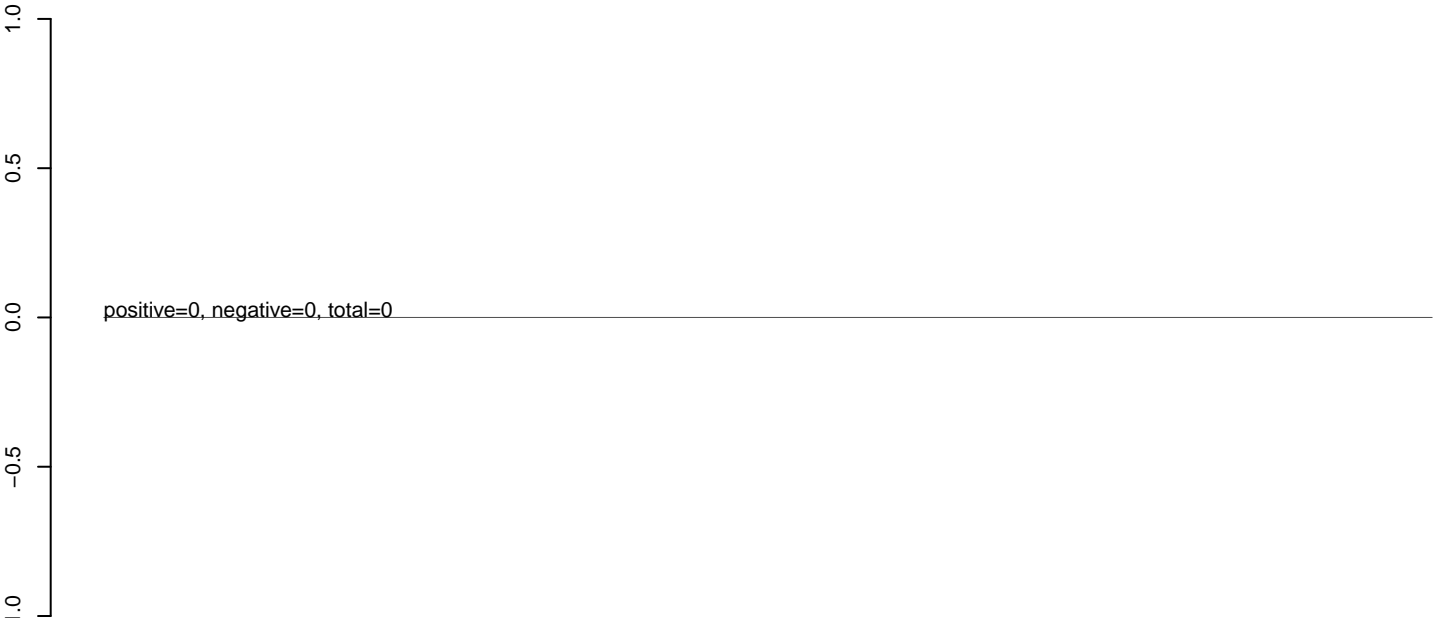
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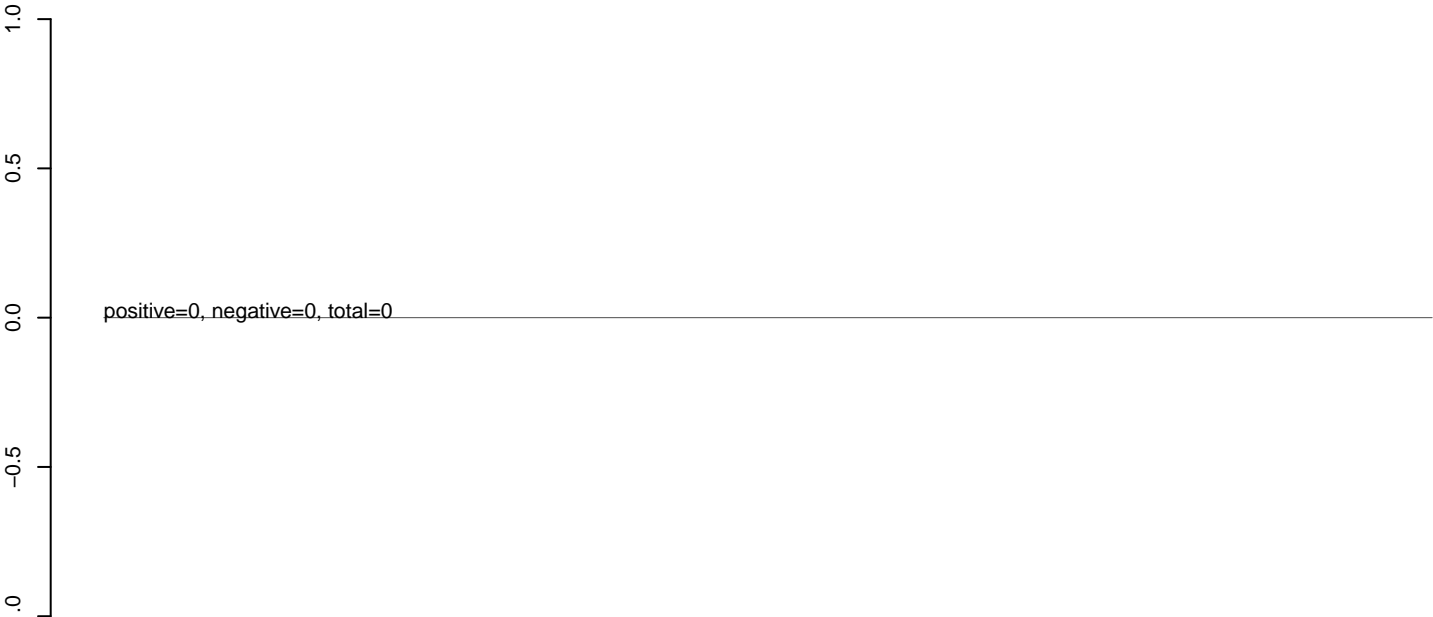
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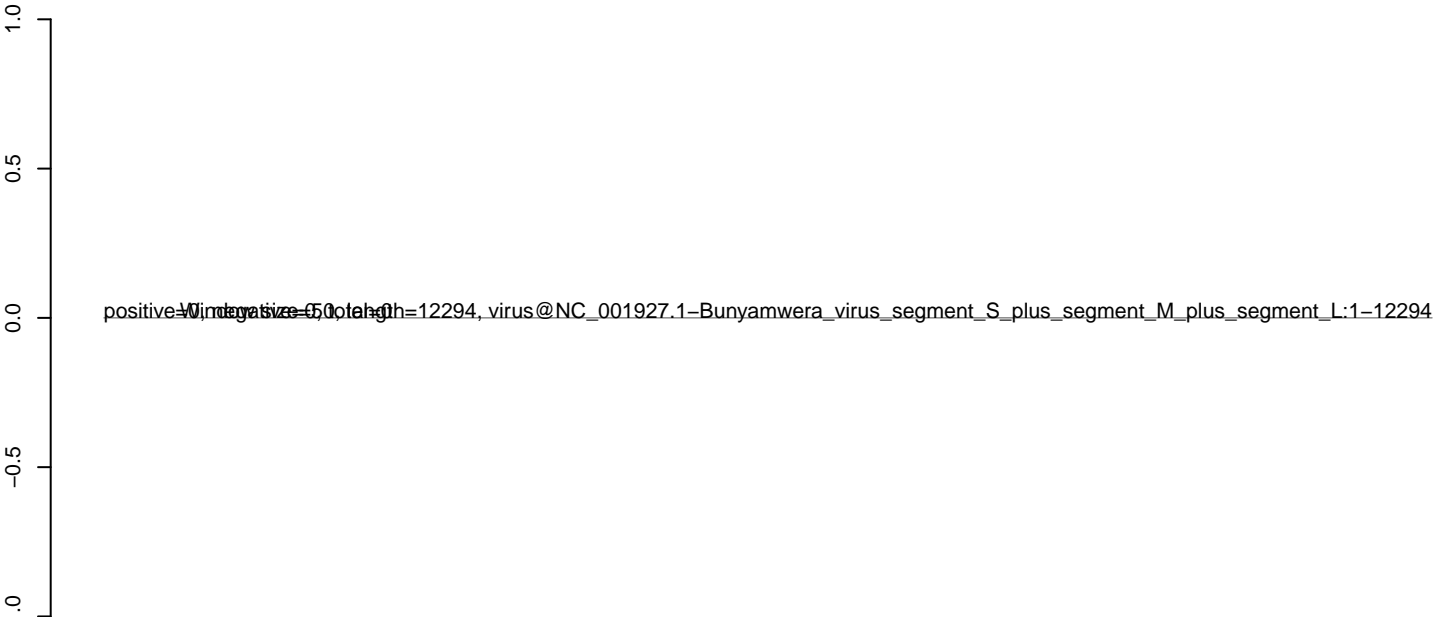
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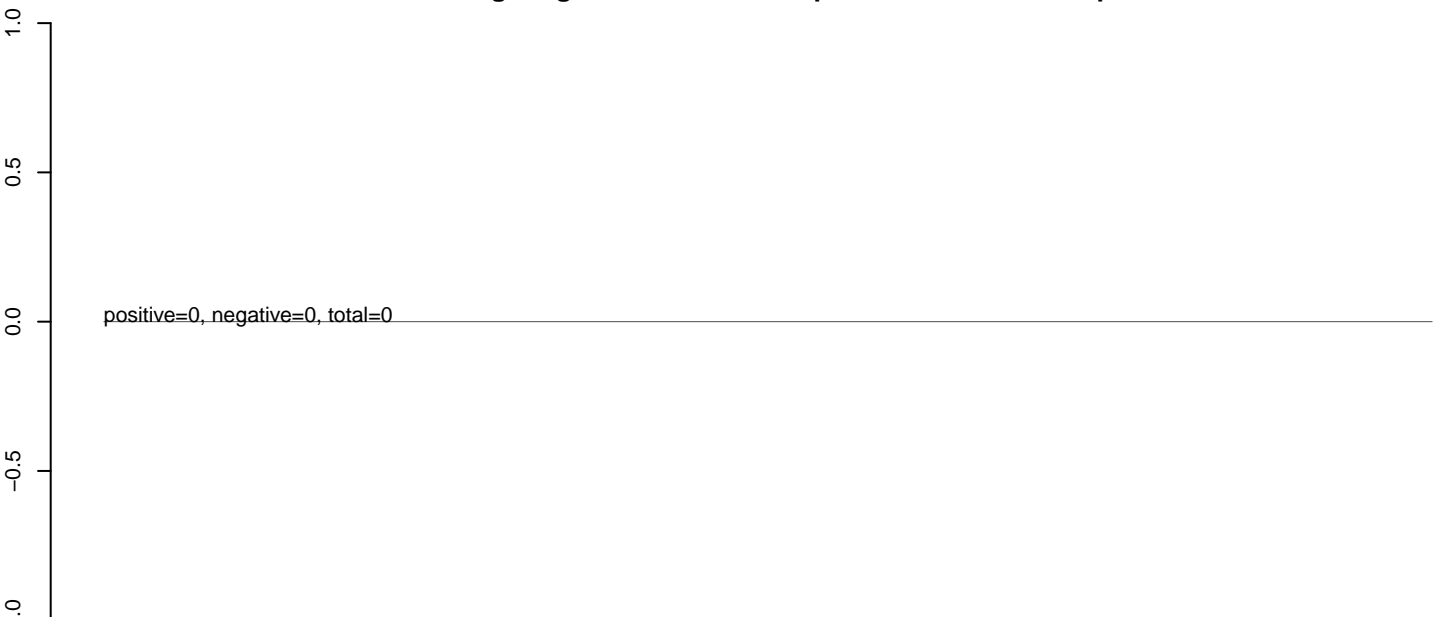
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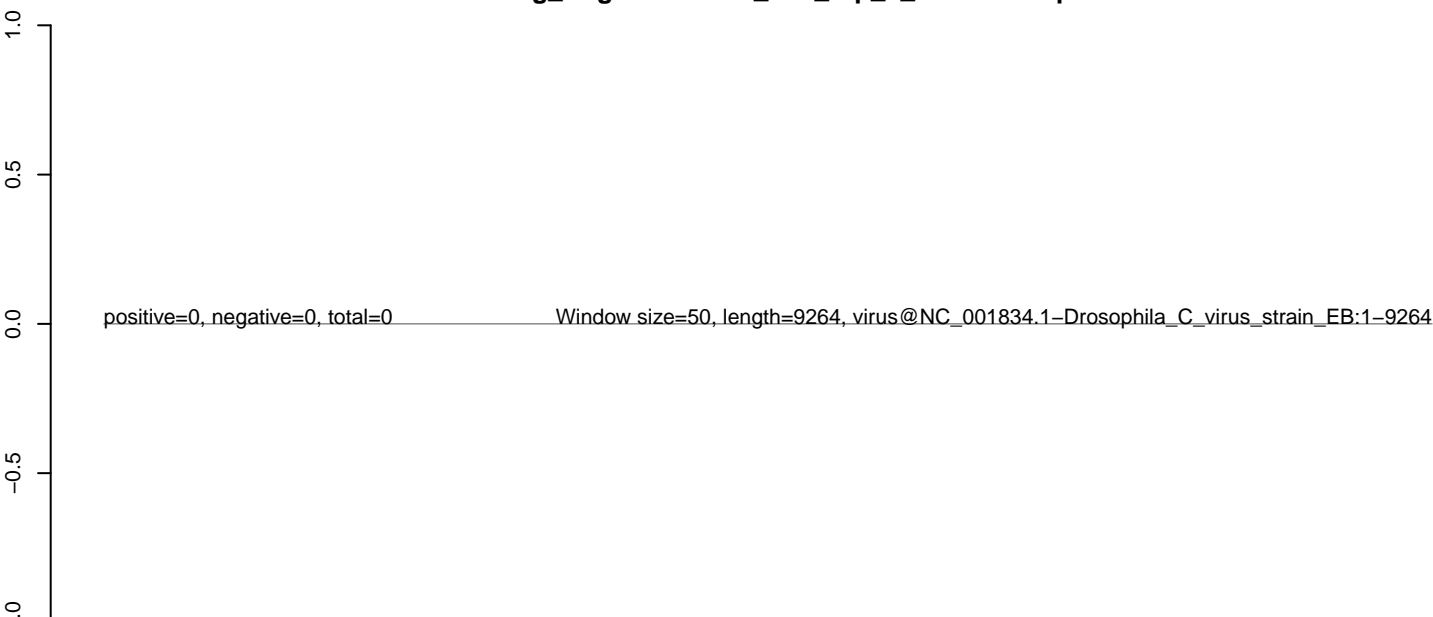
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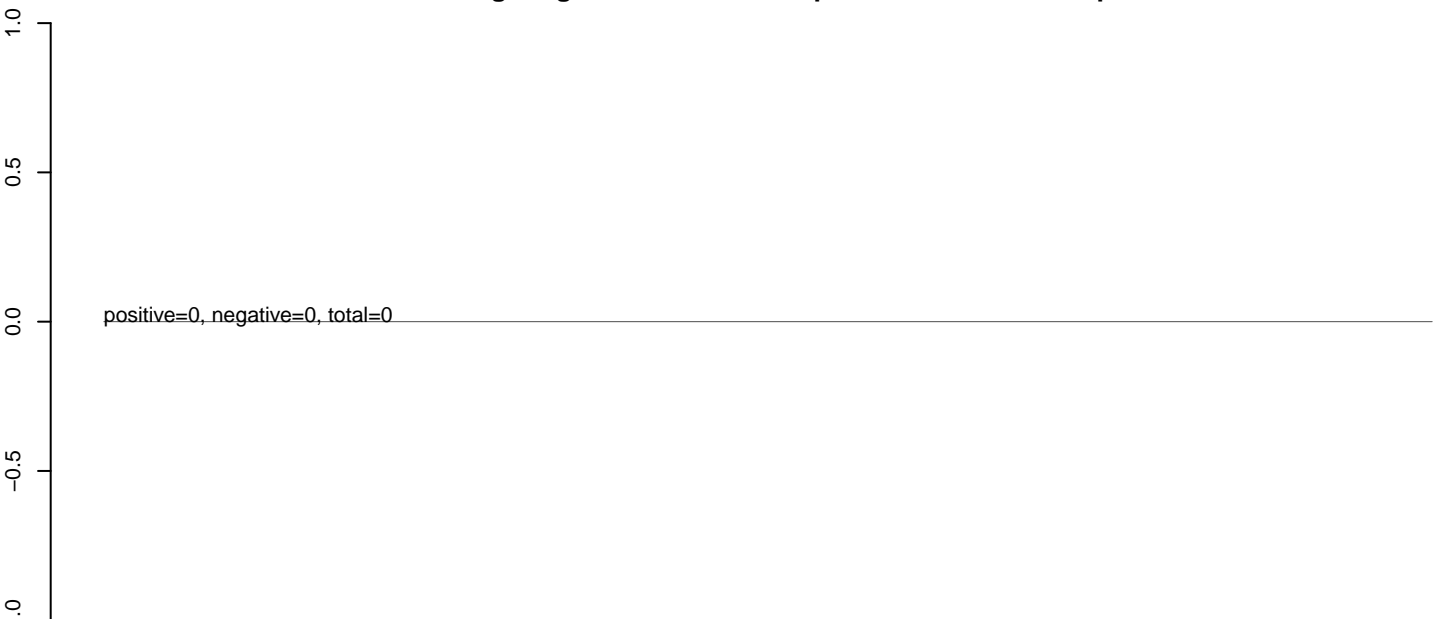
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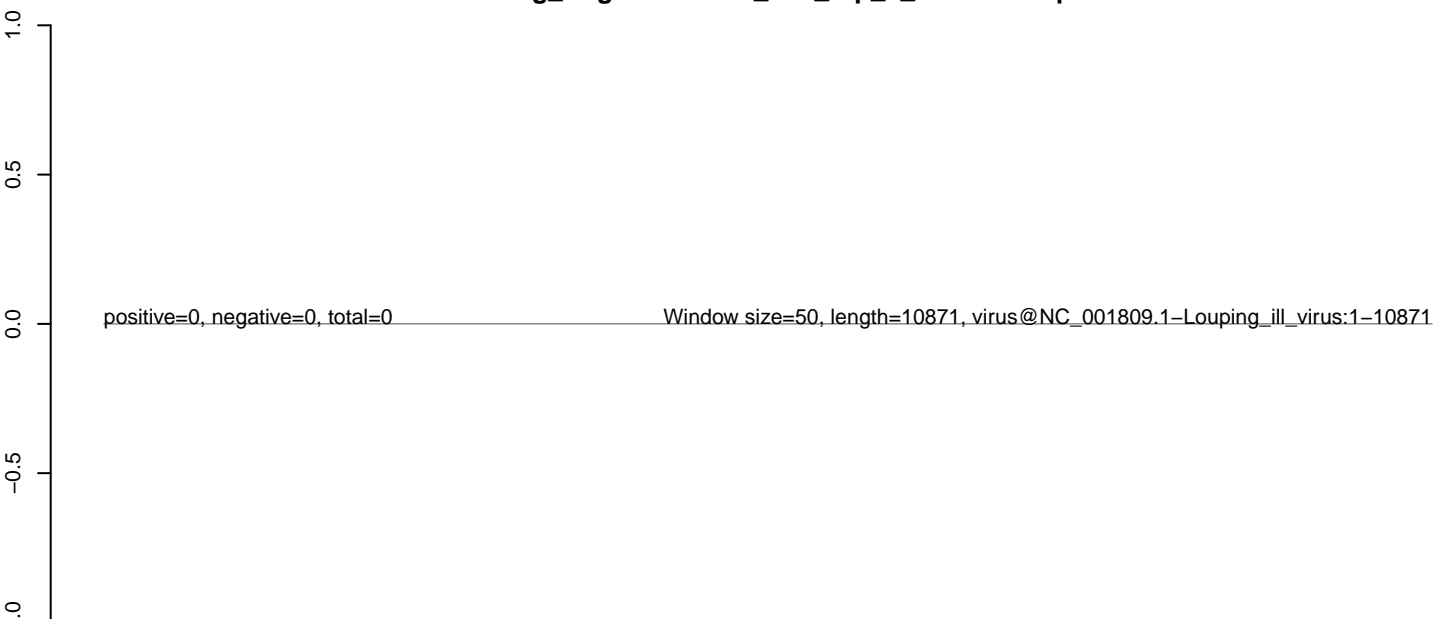
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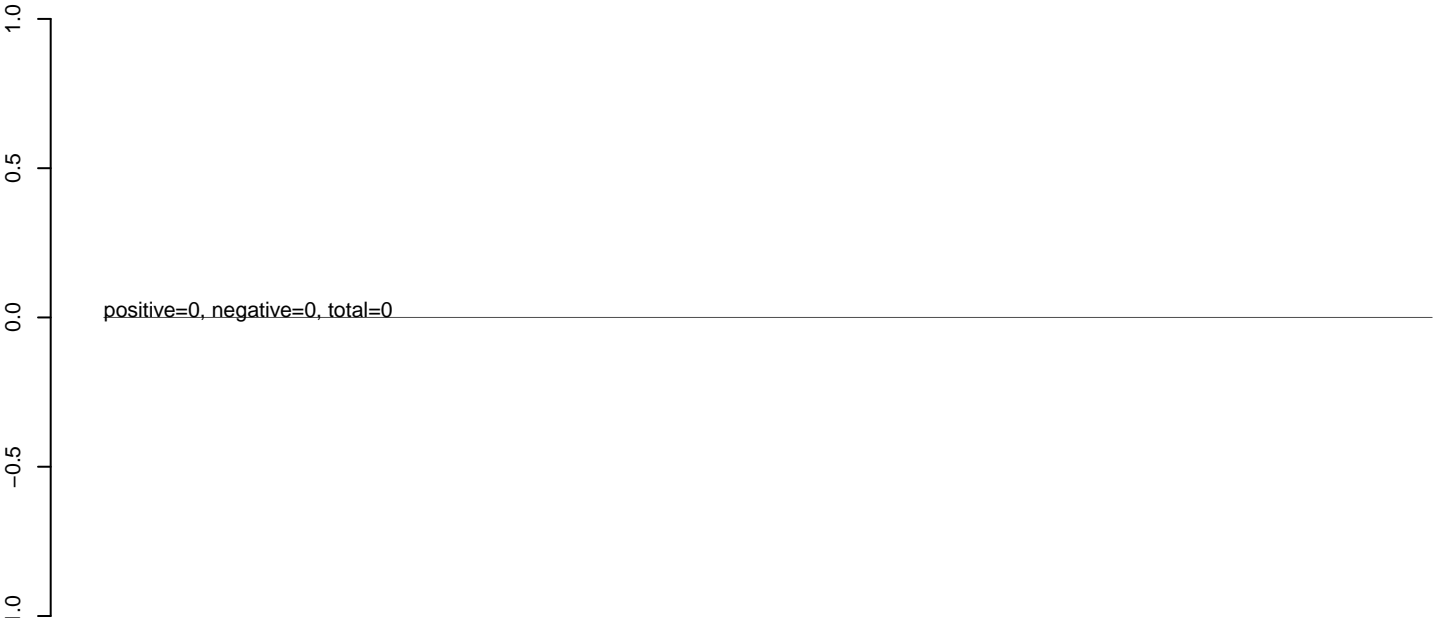


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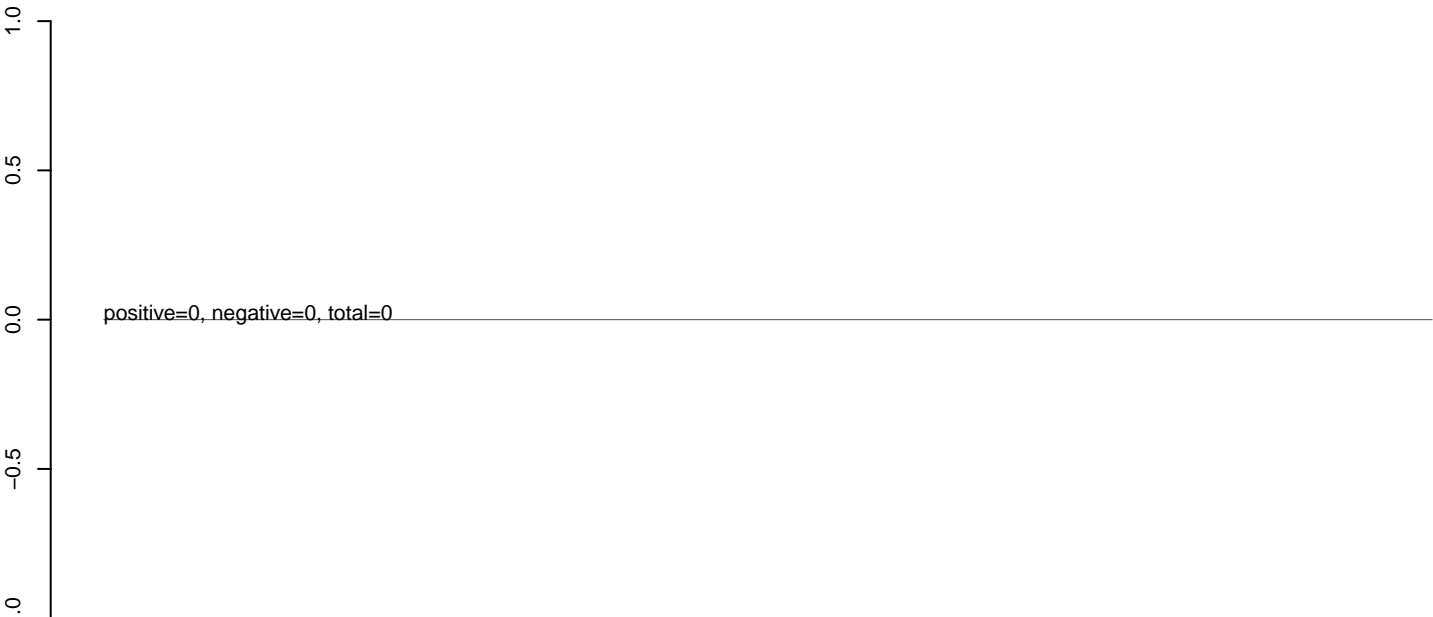


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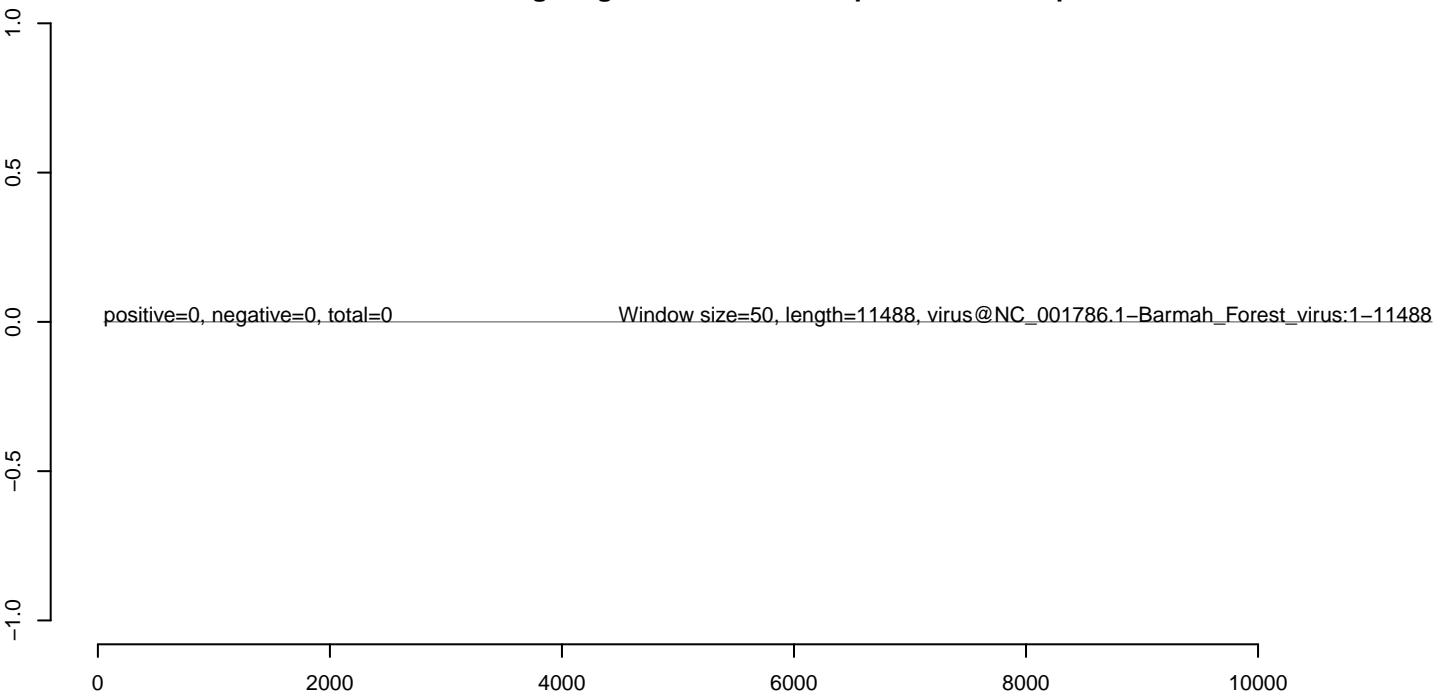
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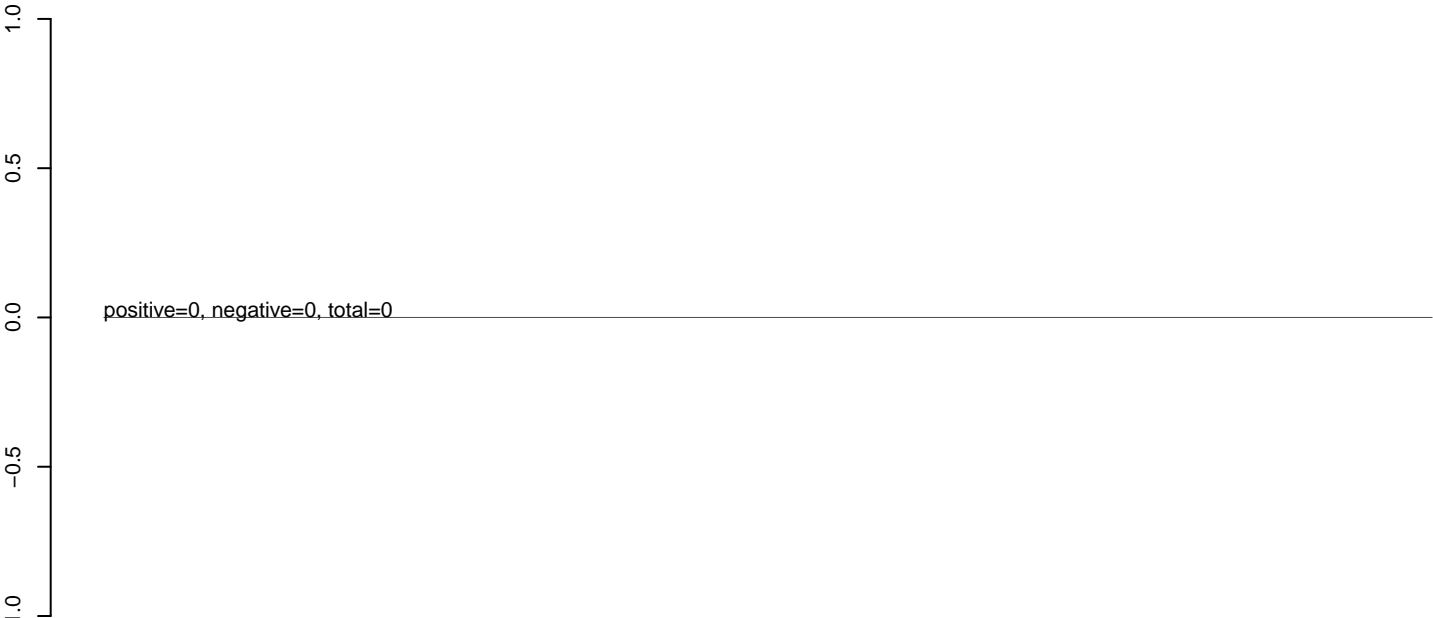
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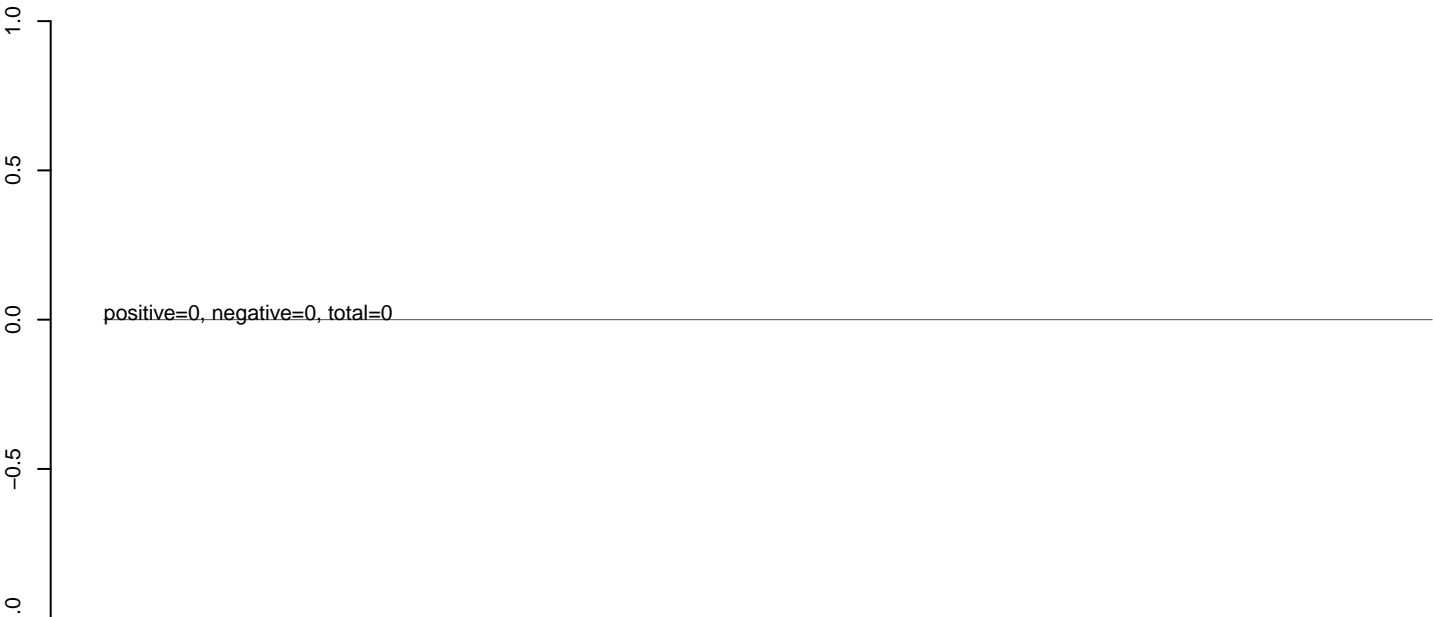
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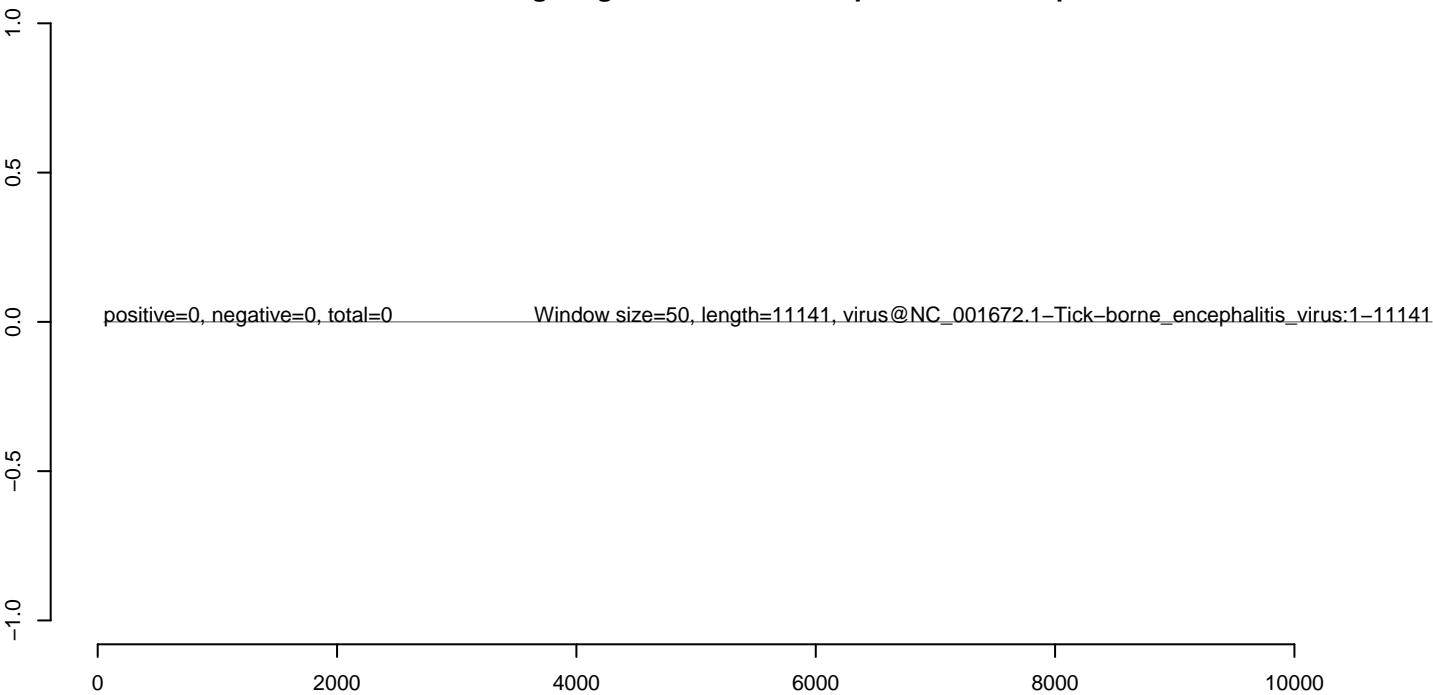
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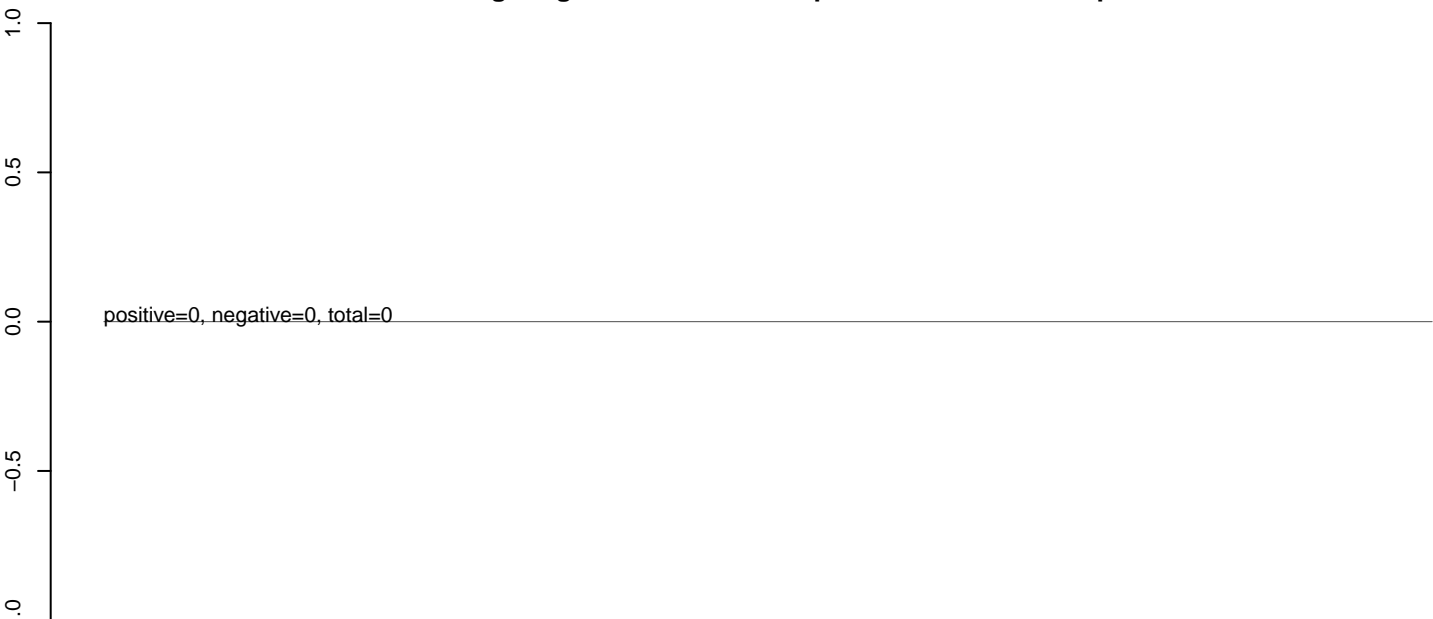
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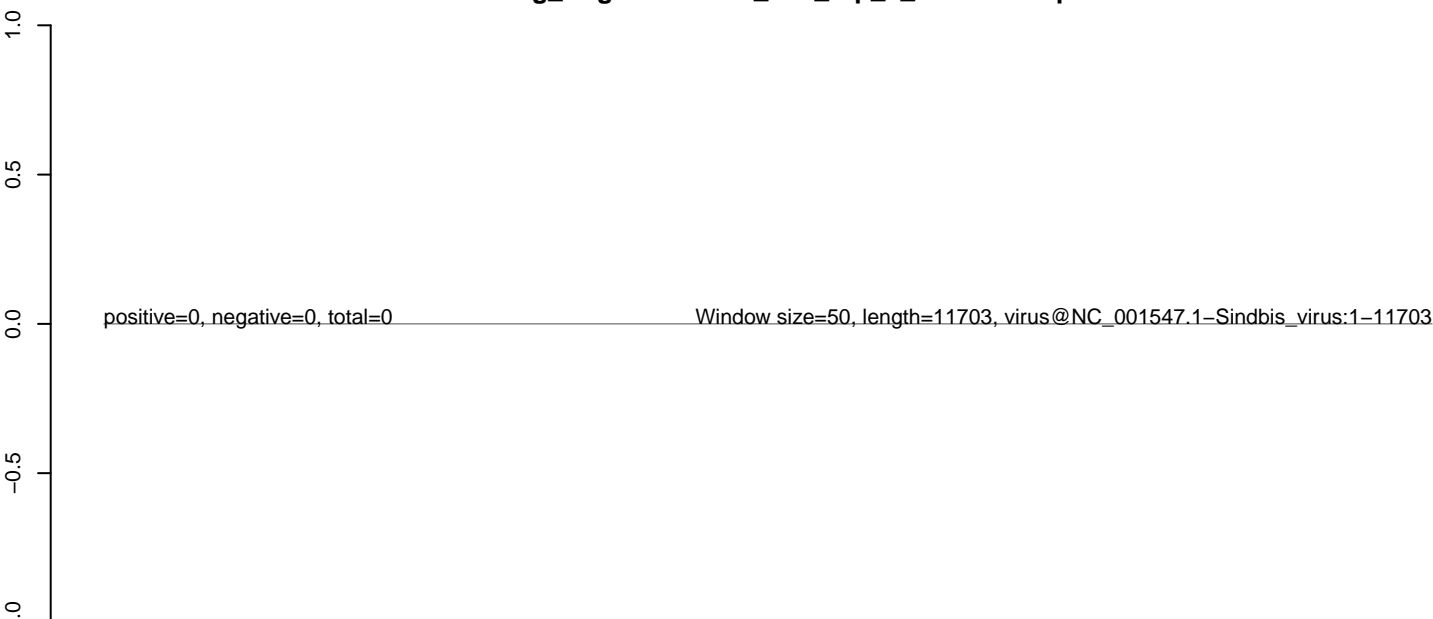
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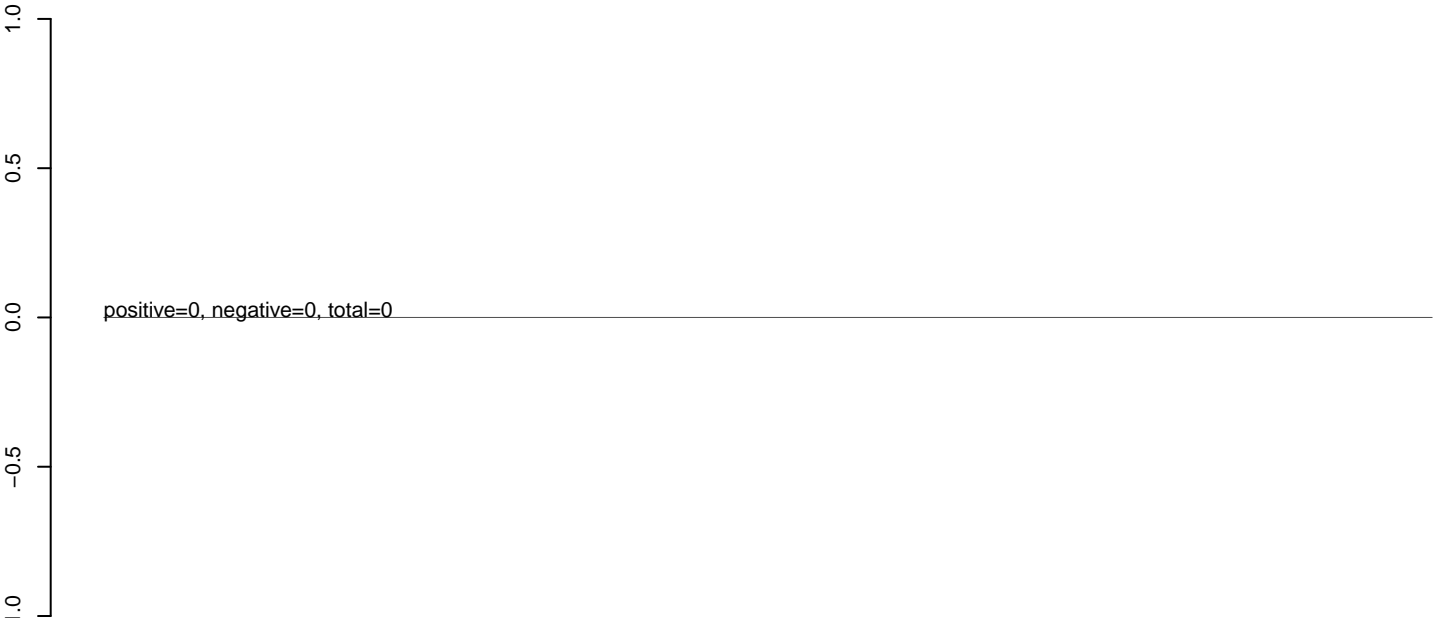
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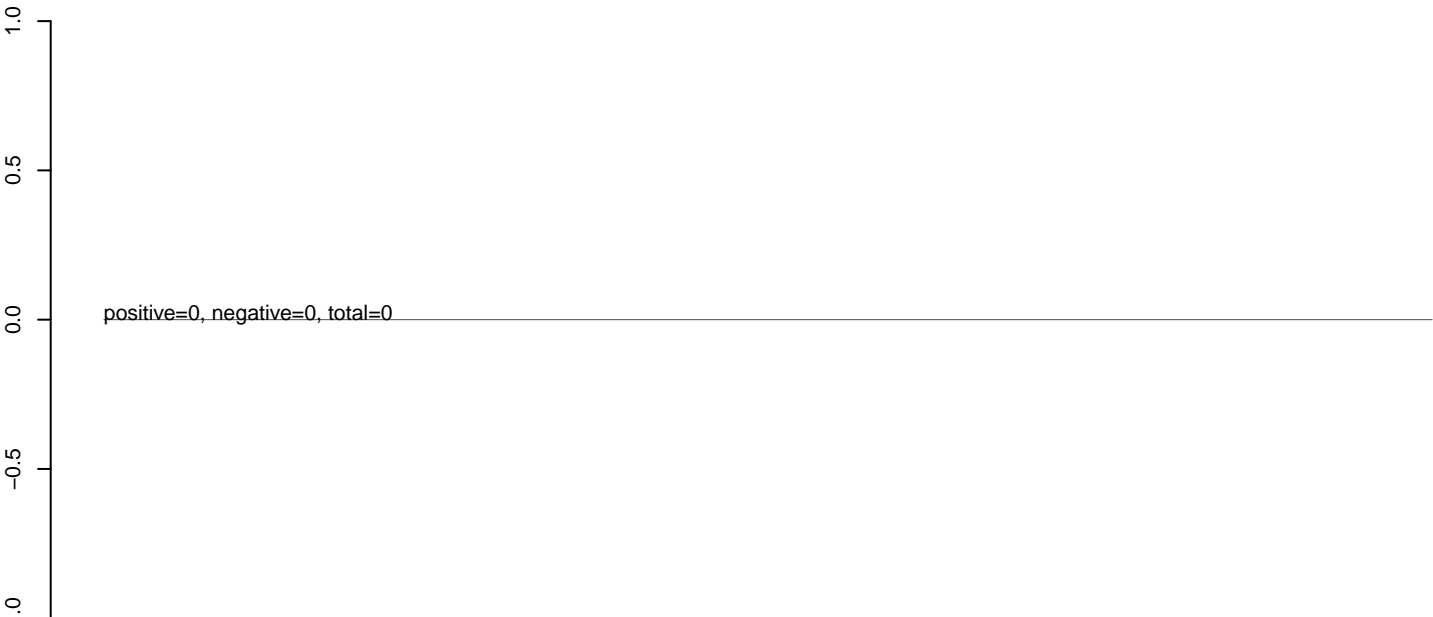
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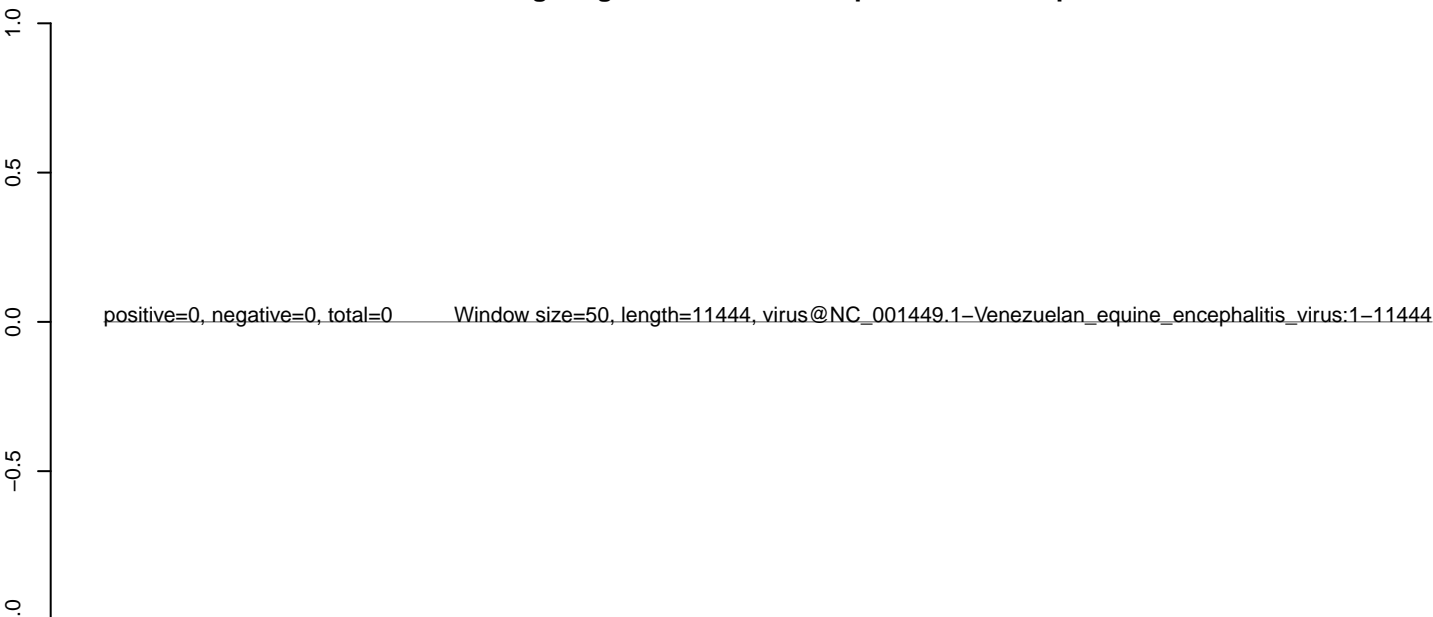
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

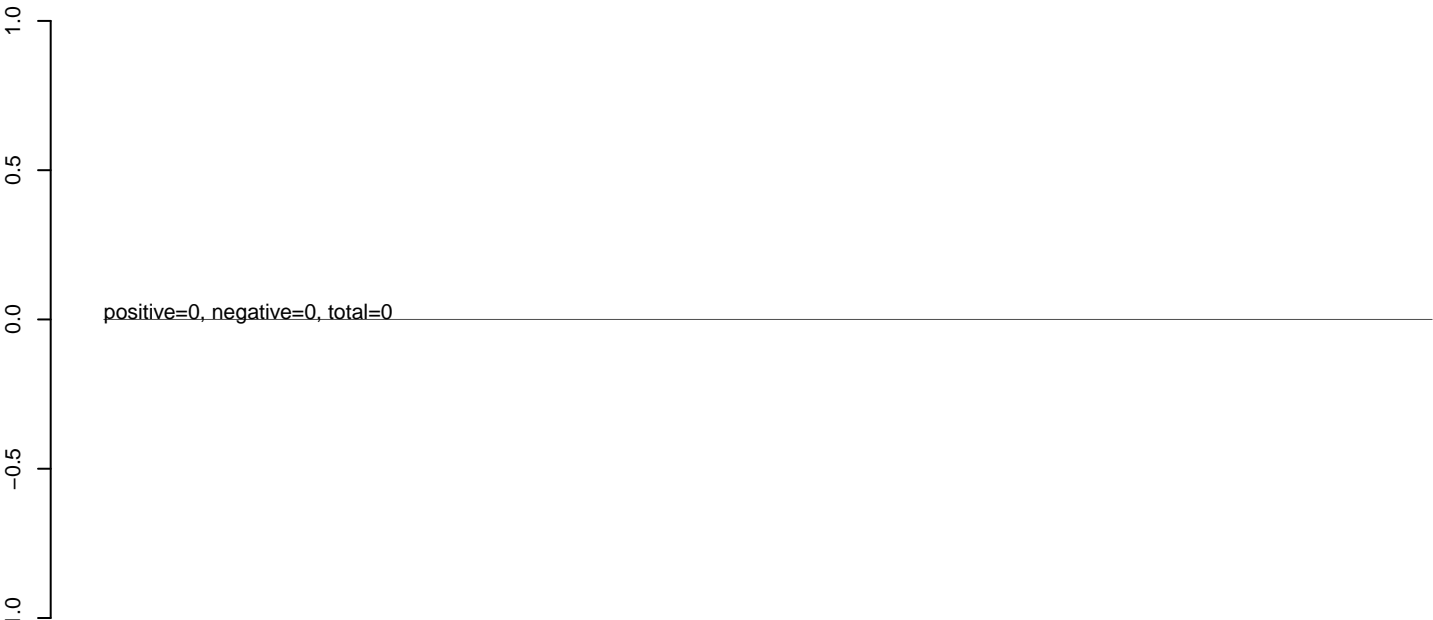


**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

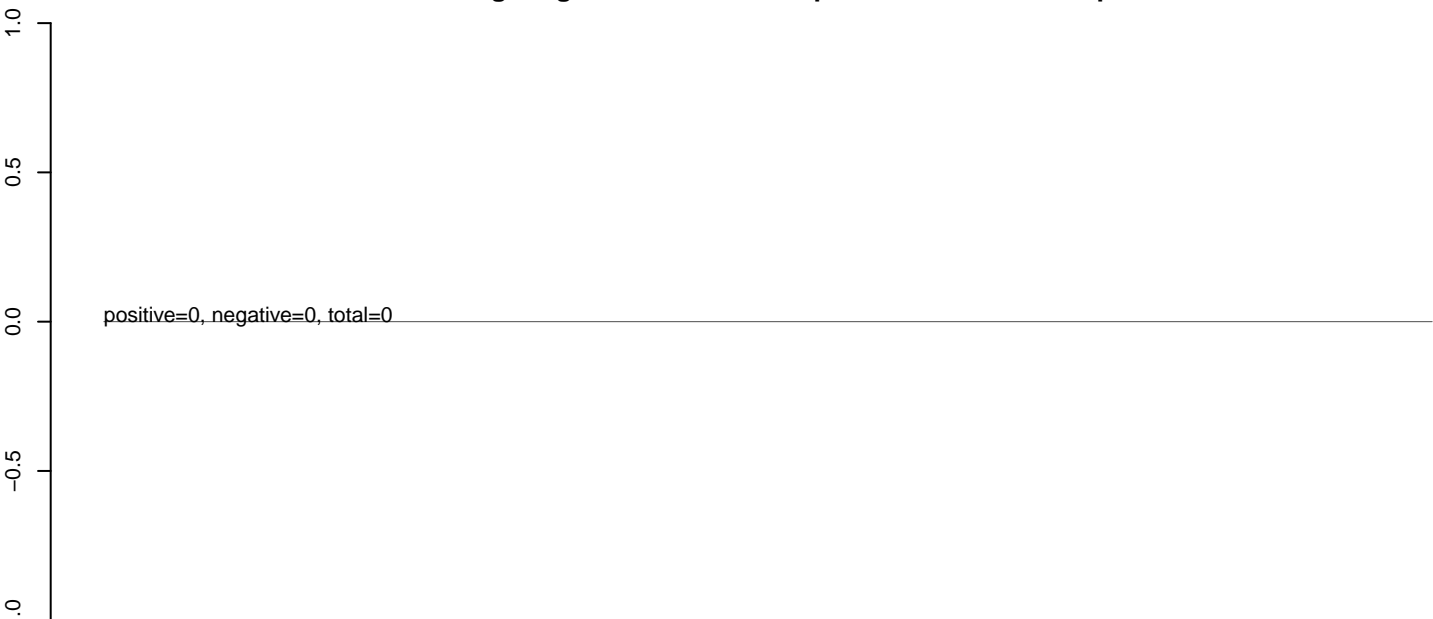




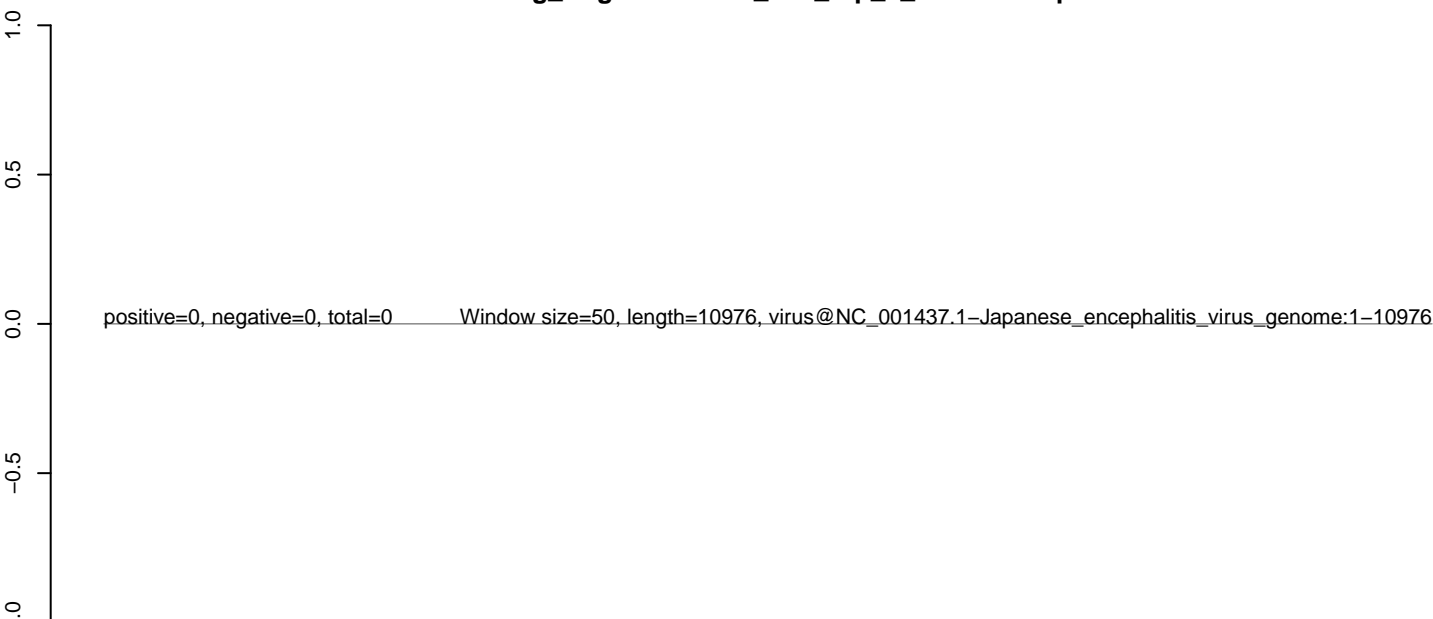
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

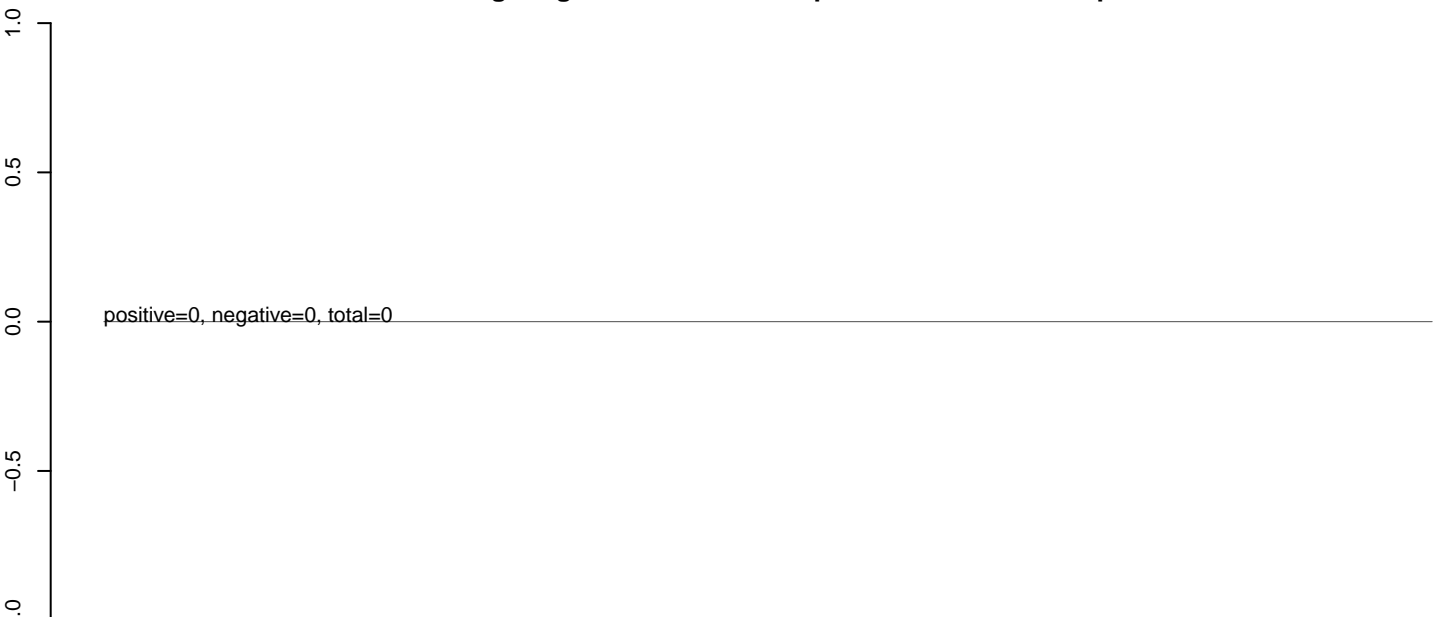


0 2000 4000 6000 8000 10000

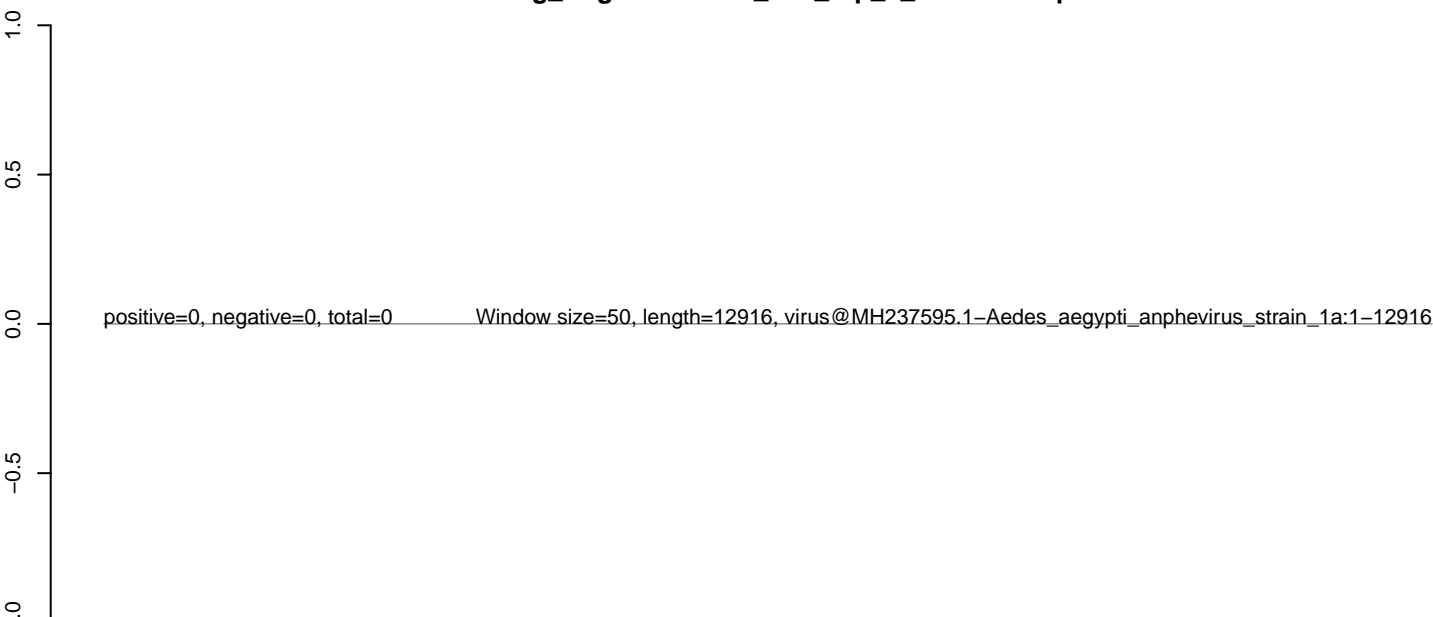
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



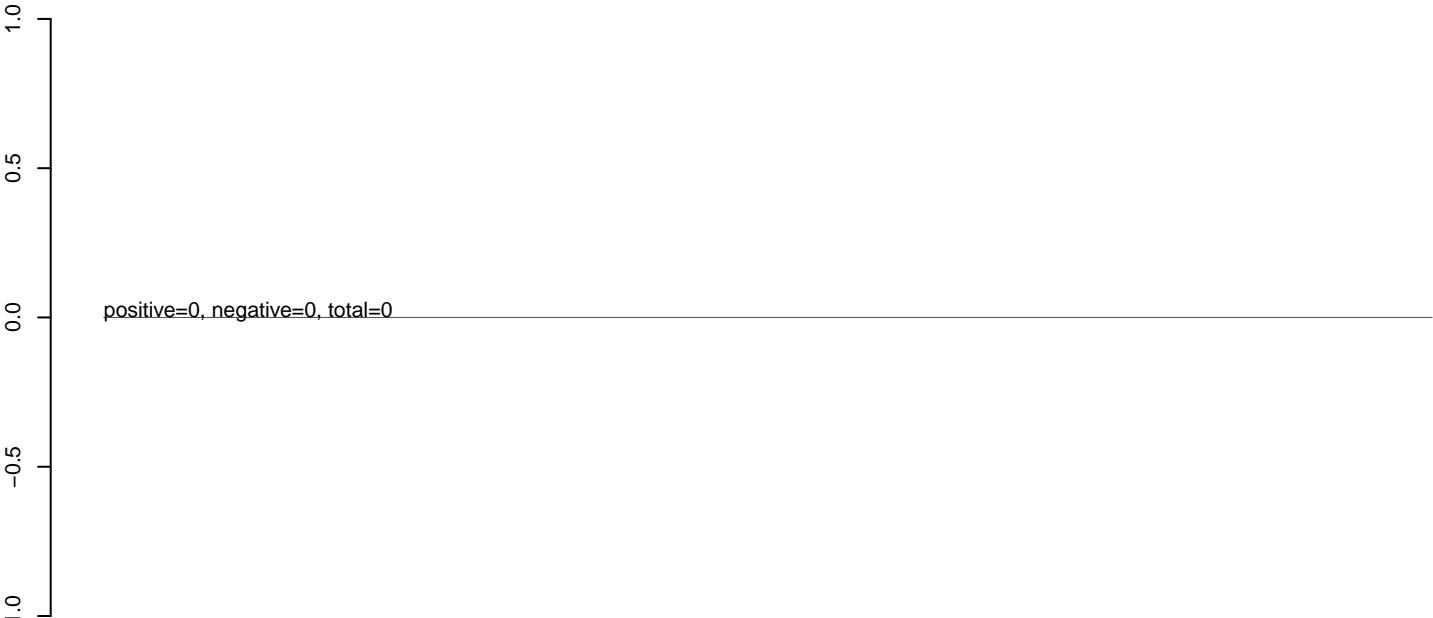
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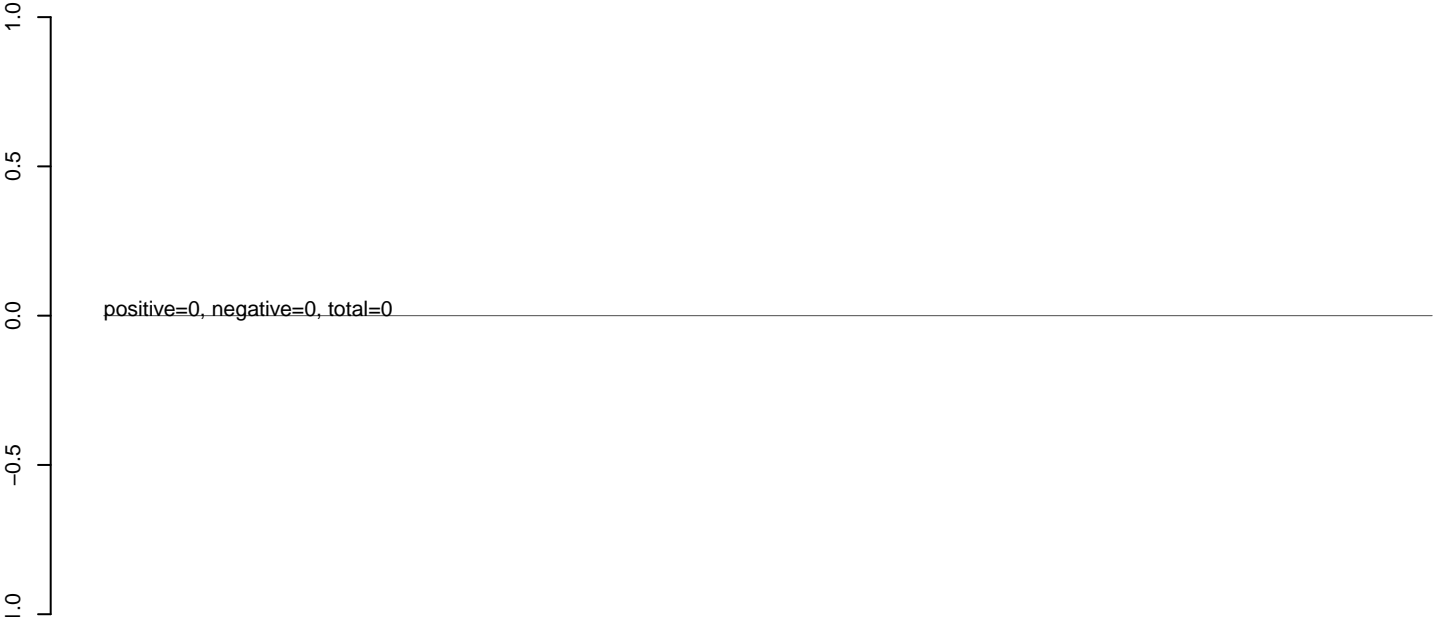
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

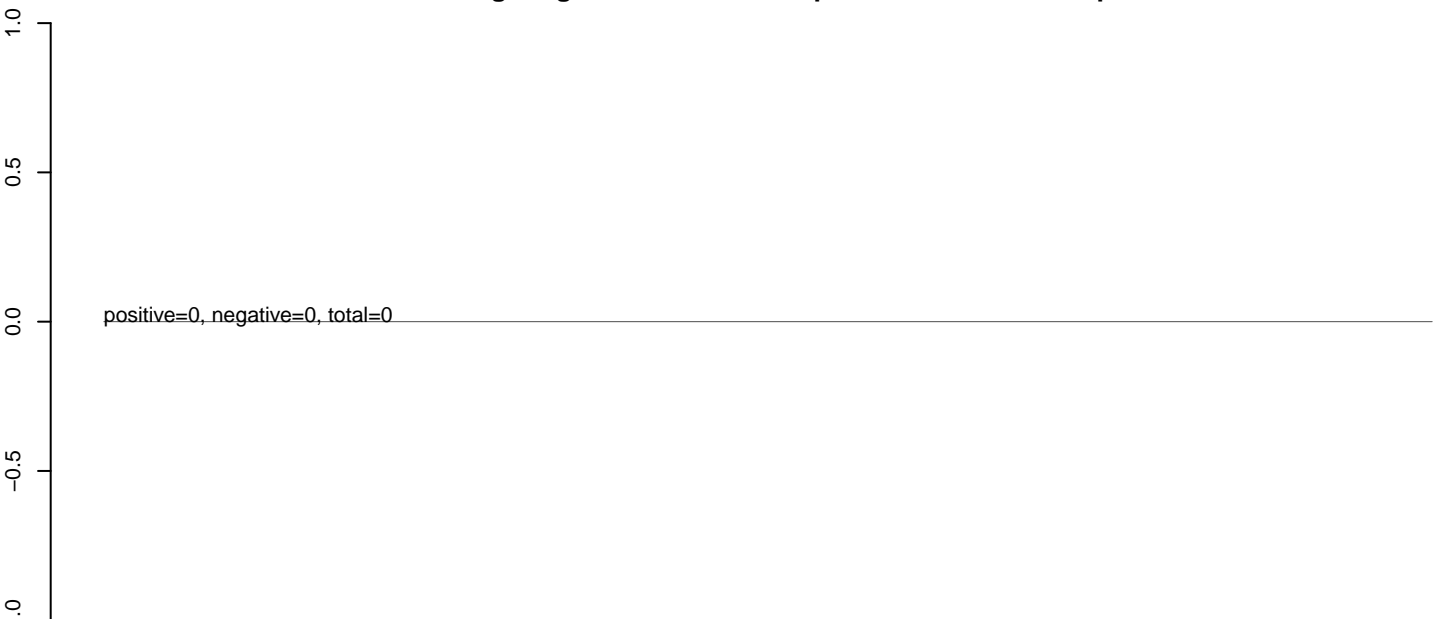


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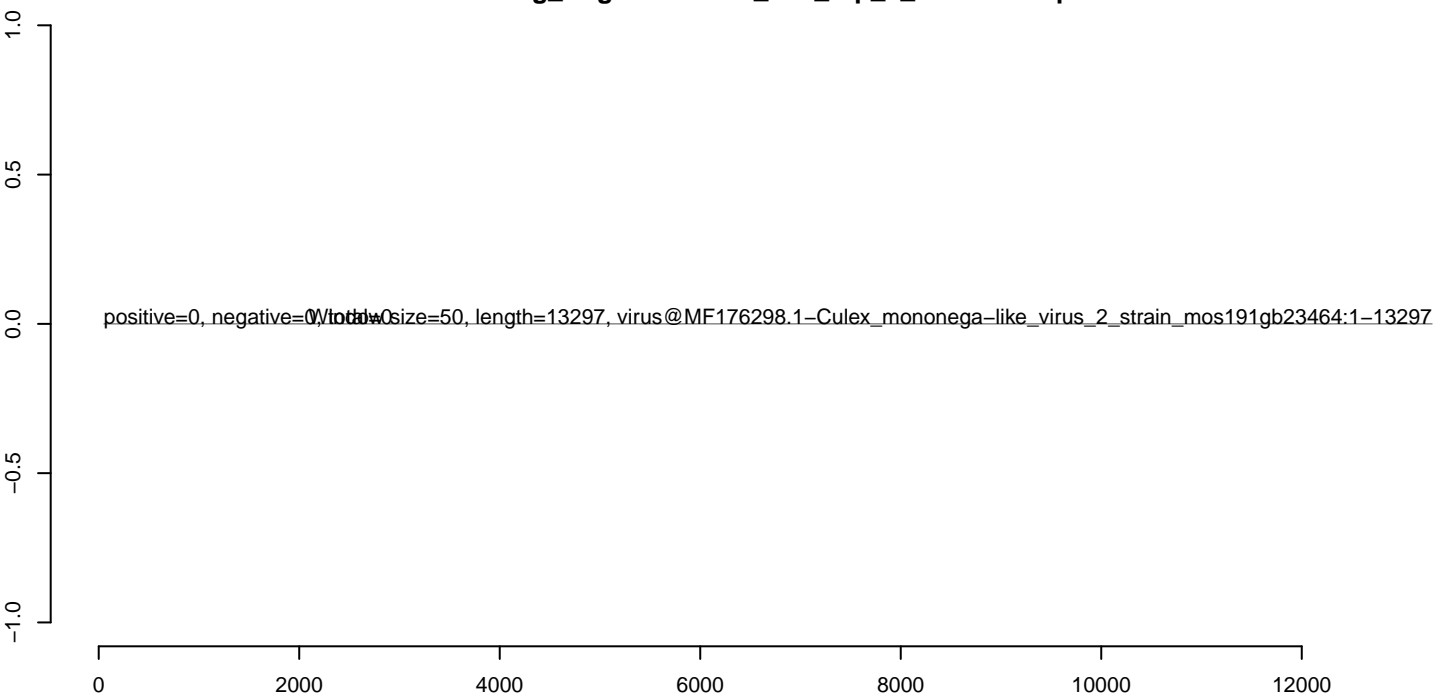
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



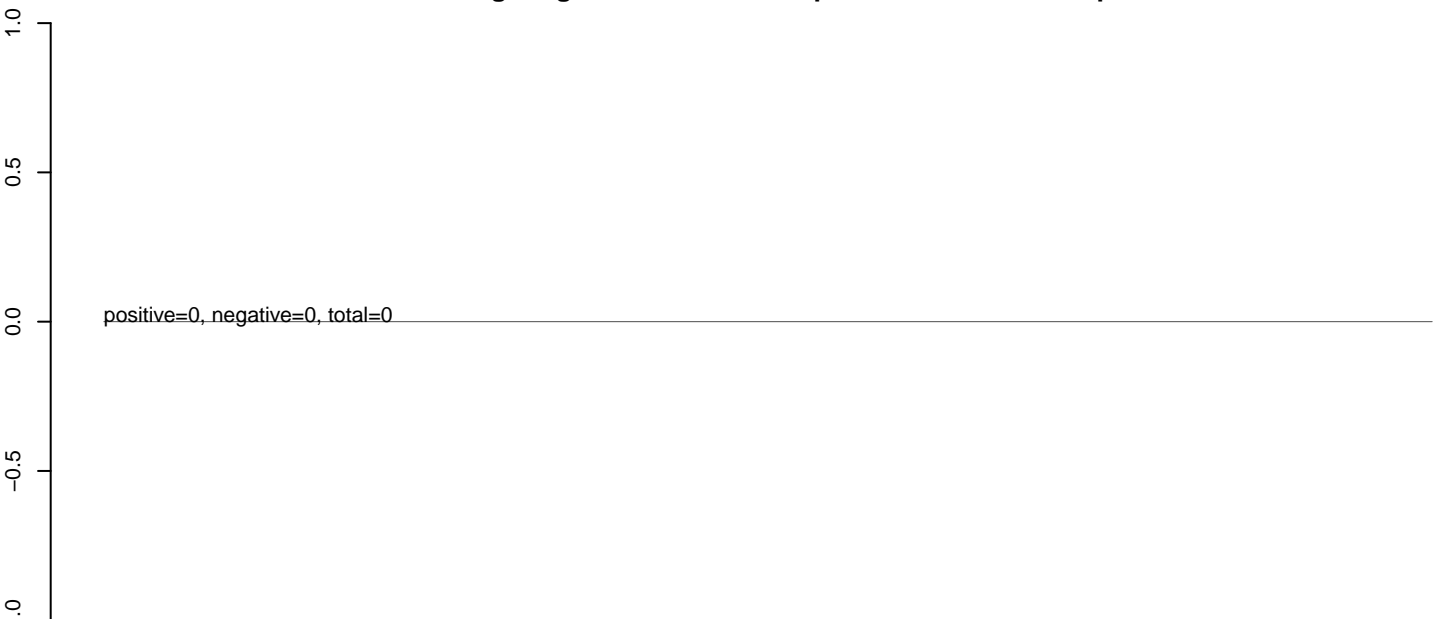
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



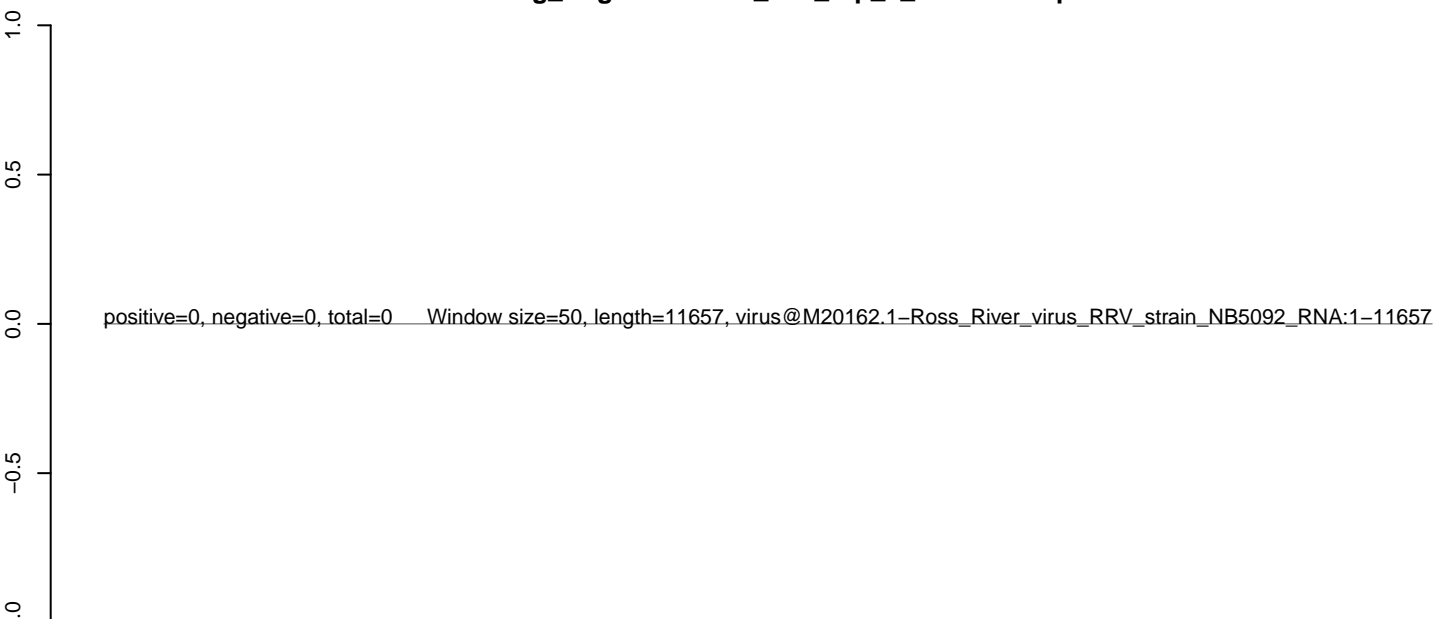
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



A plot showing the relationship between positive, negative, and total counts. The y-axis ranges from -1.0 to 1.0. A horizontal line is drawn at y=0.0, labeled 'positive=0, negative=0, total=0'.

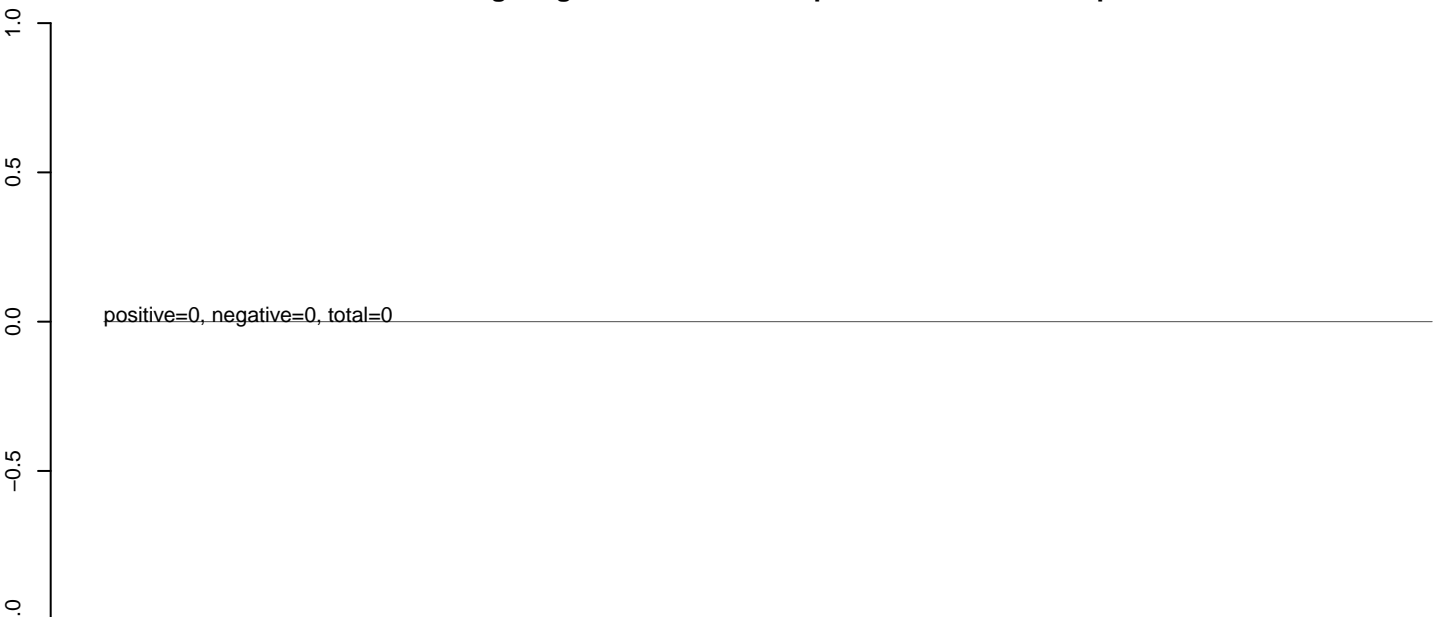
A plot showing a single horizontal line at  $y=0$ . The y-axis is labeled from -1.0 to 1.0. The text "positive=0, negative=0, total=0" is displayed near the line.

ze=50, prior=1.2237, prior=0.16456804.1-Tataguine\_virus\_segment\_S\_plus\_segment\_M\_plus\_segment\_L\_nucleocapsid\_protein\_gene:1-12237

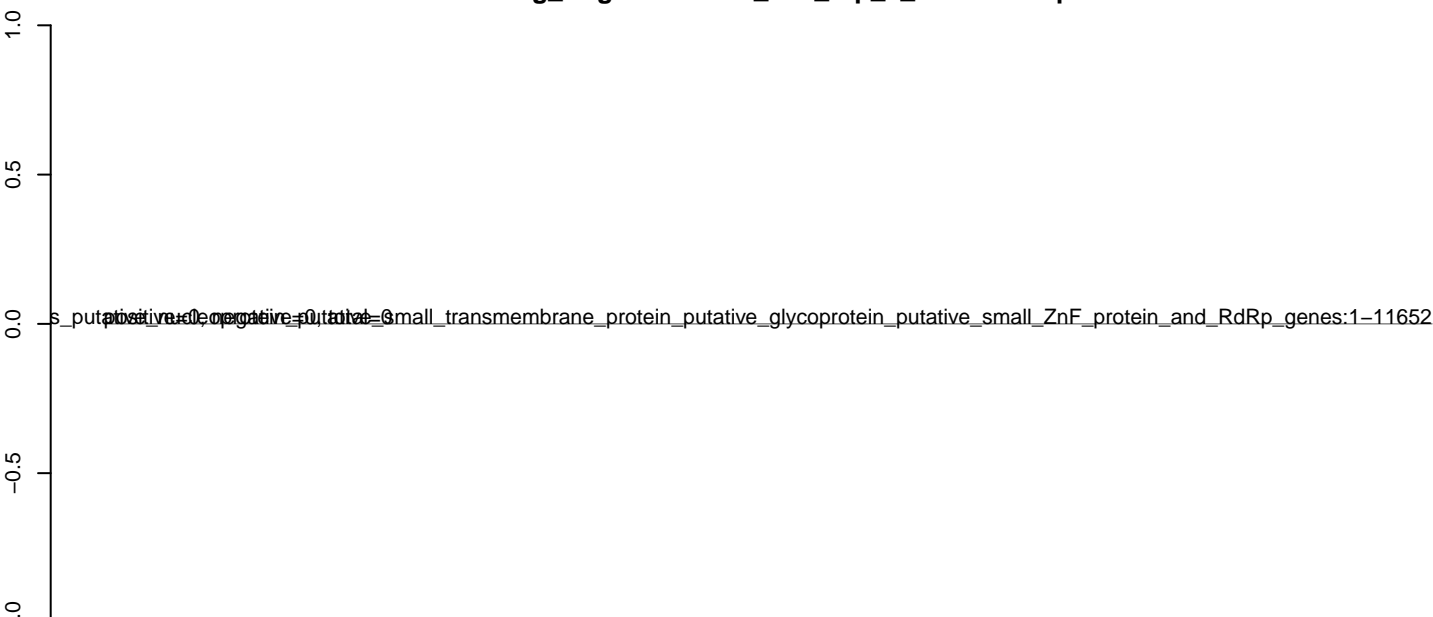
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

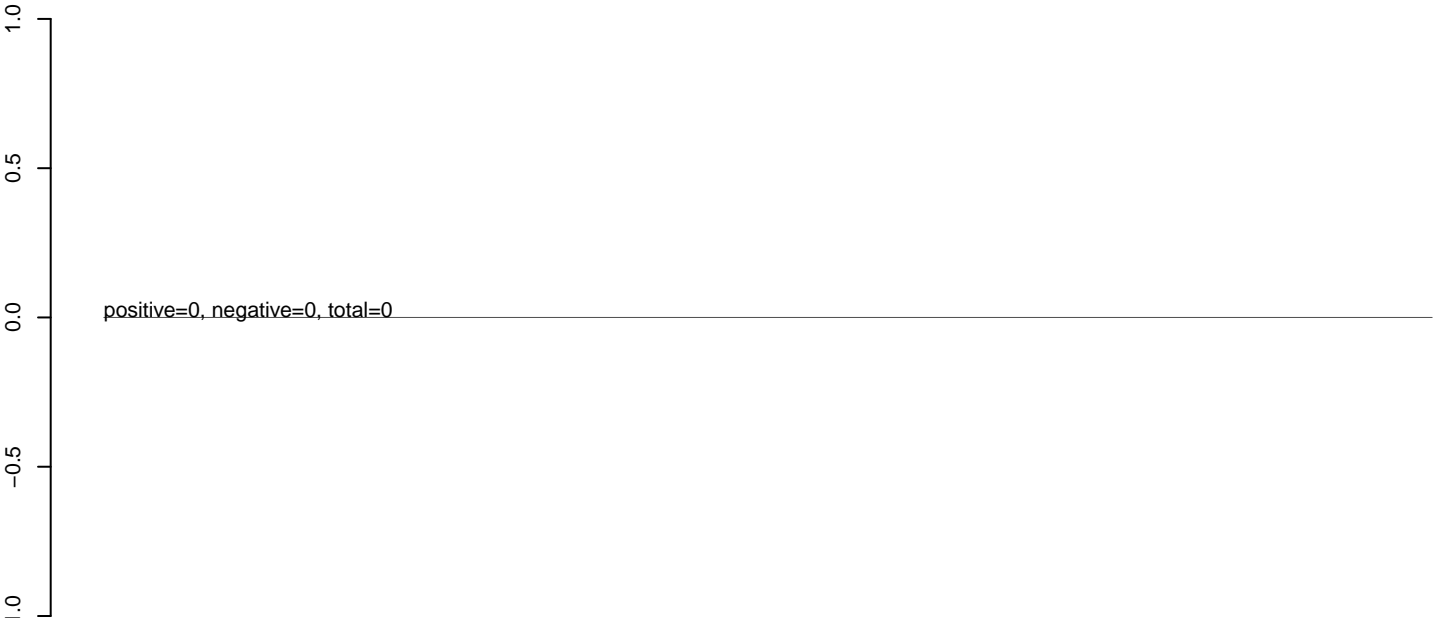


**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

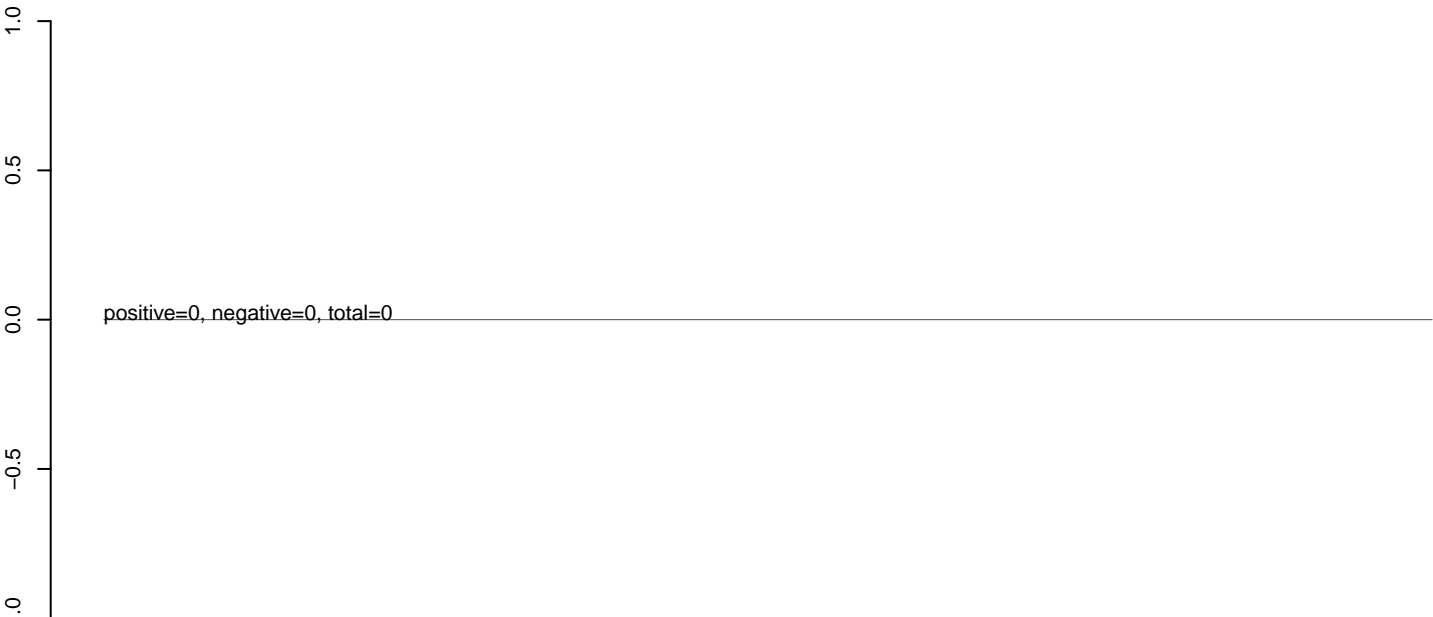


s putative small transmembrane protein putative glycoprotein putative small ZnF protein and RdRp genes:1-11652

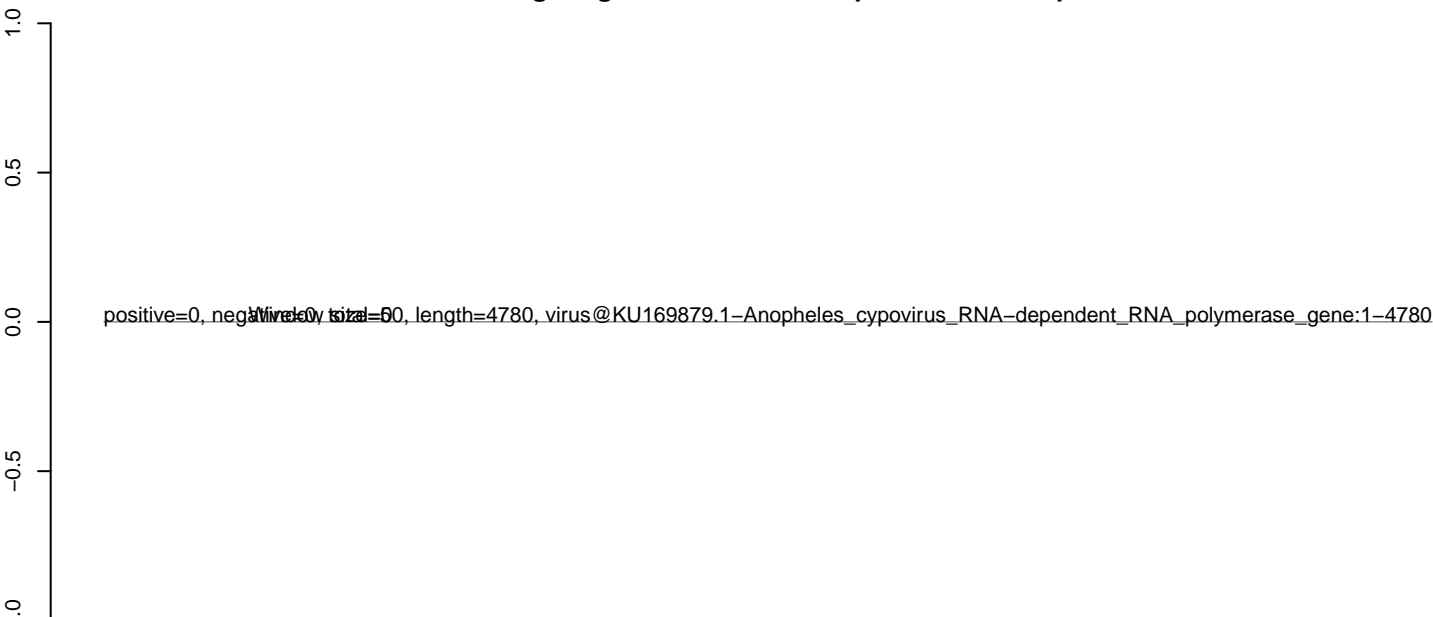
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



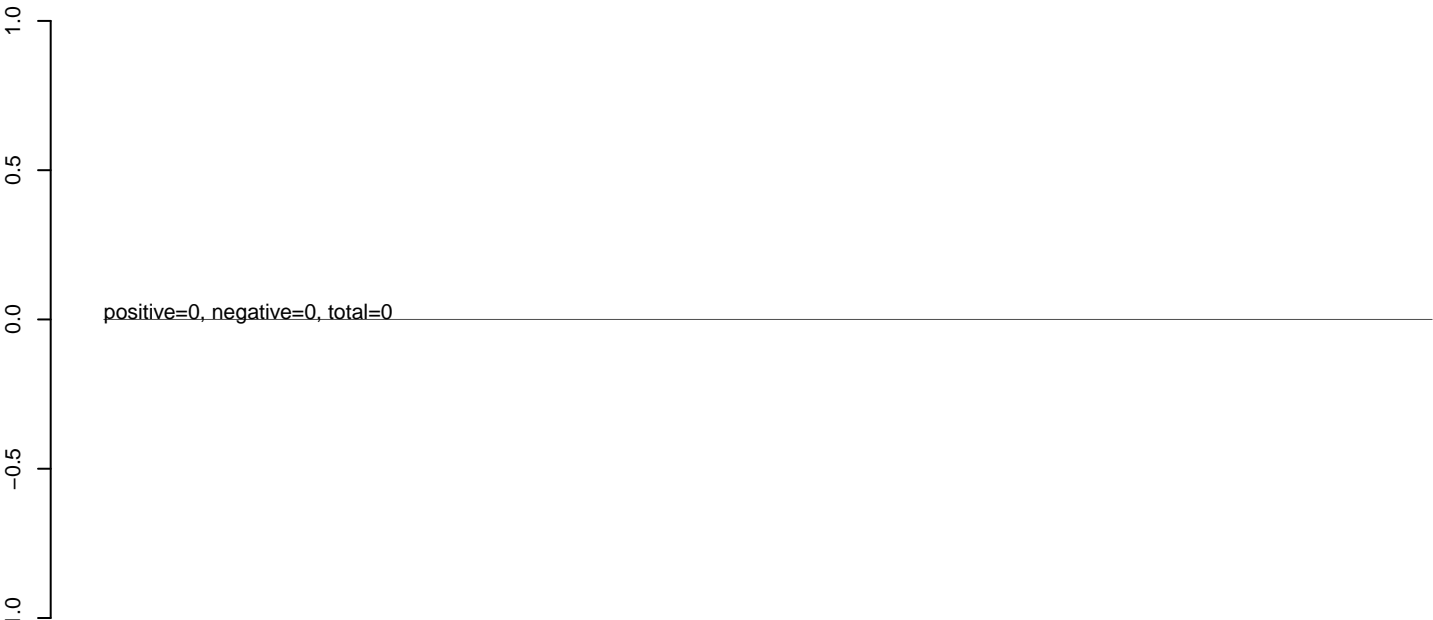
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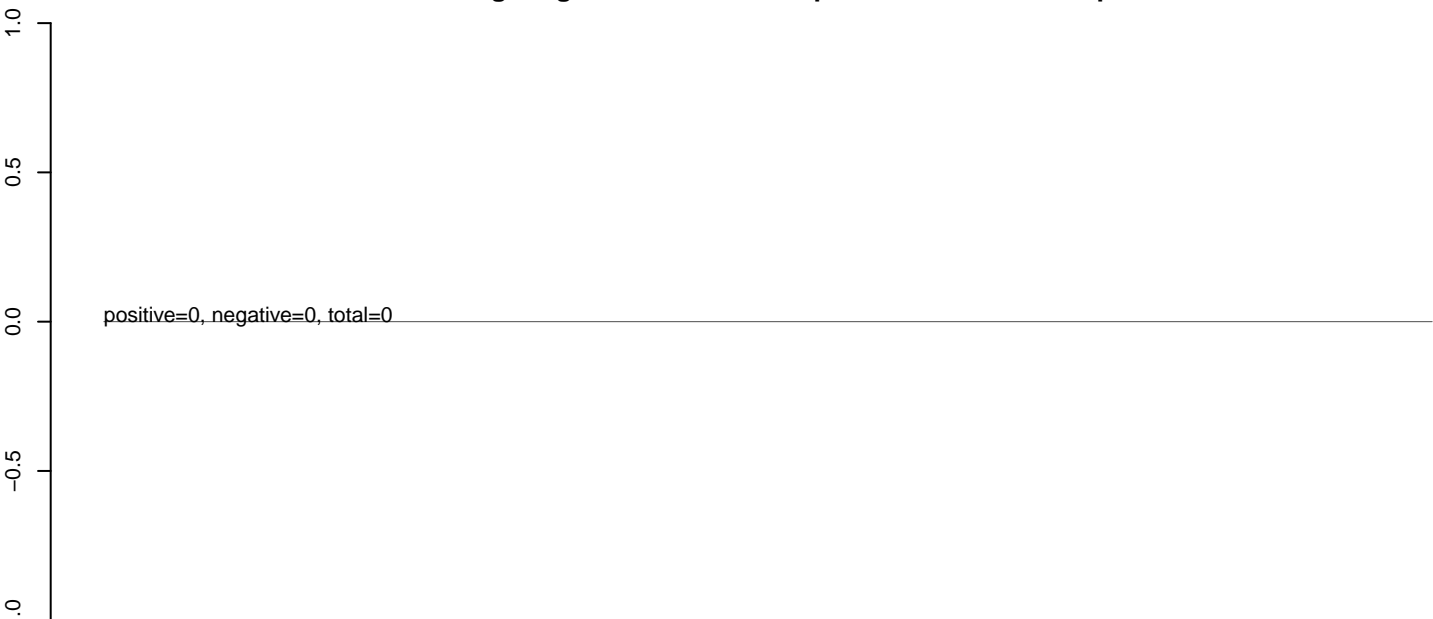
0 1000 2000 3000 4000



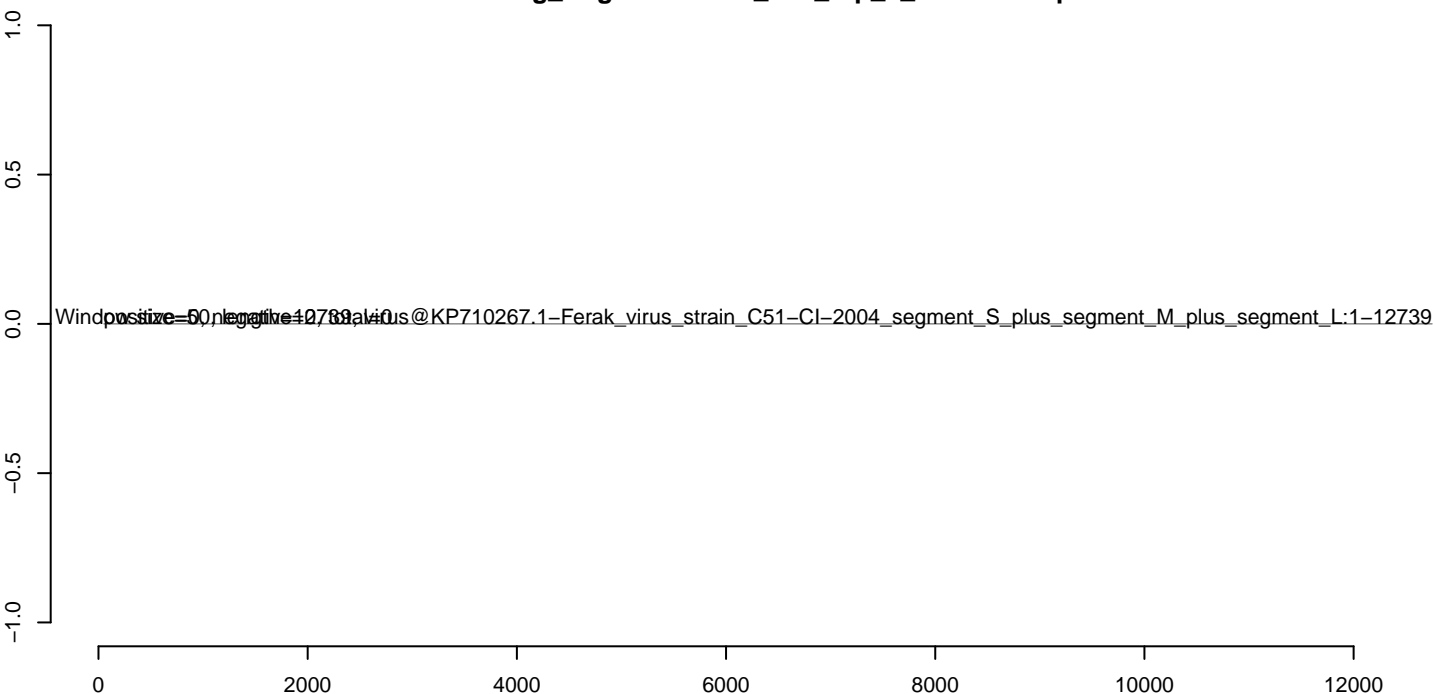
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



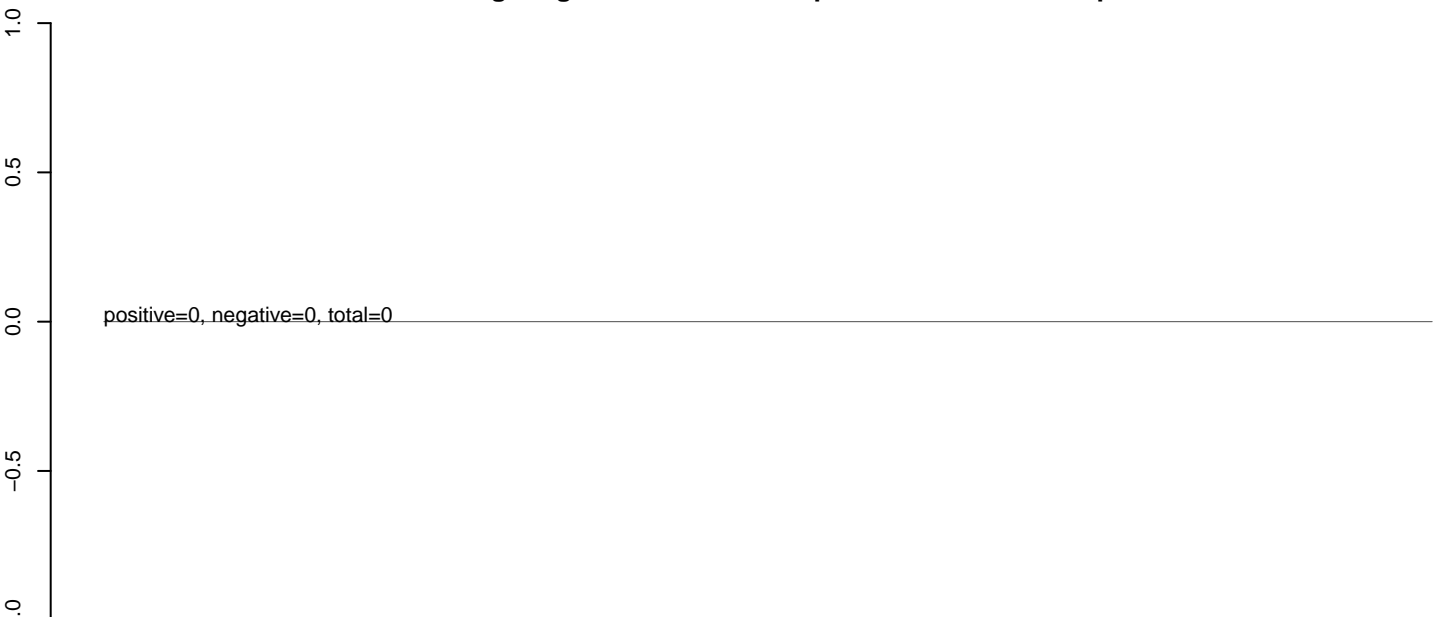
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



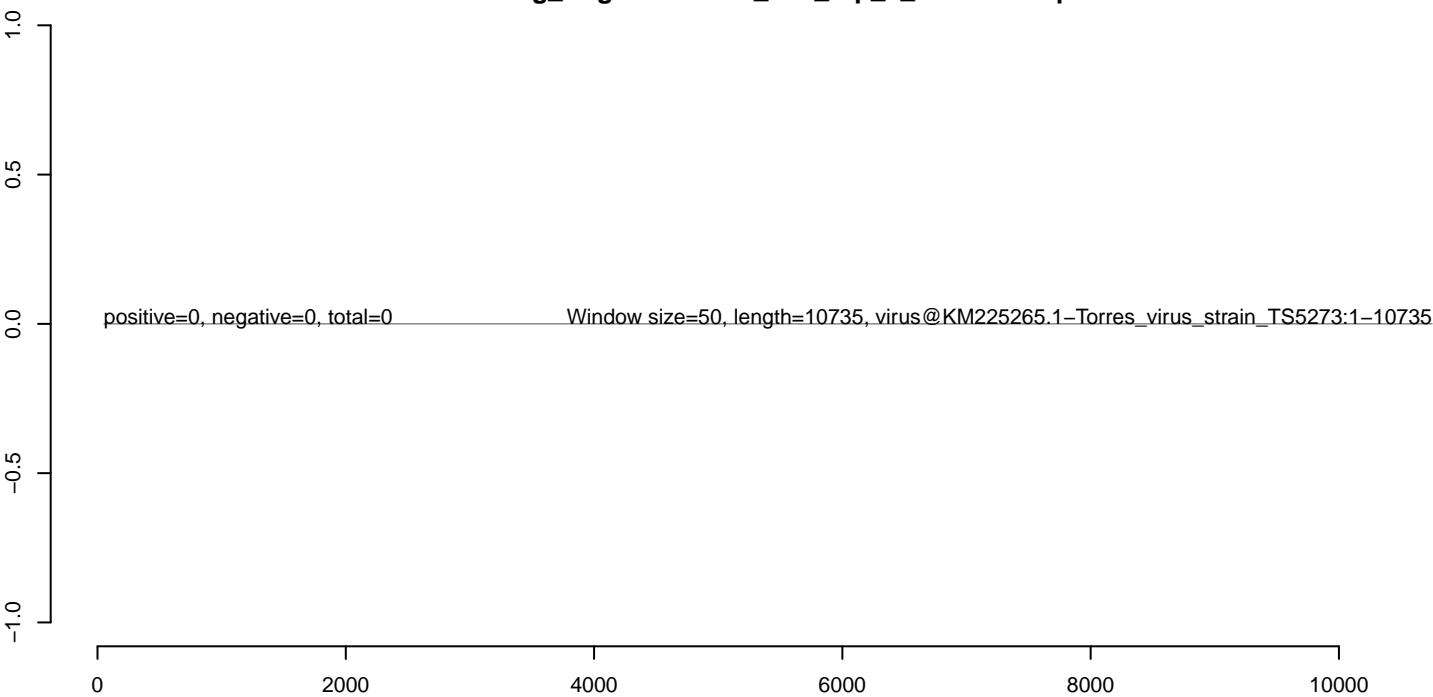
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



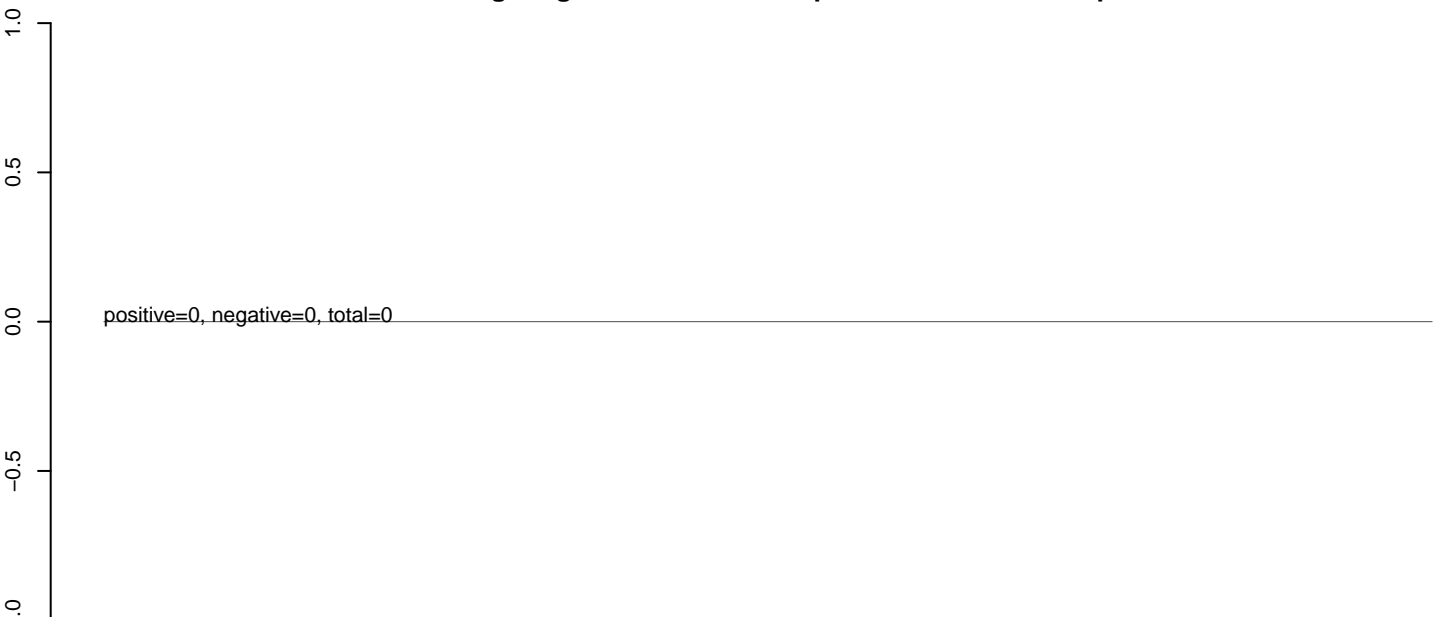
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



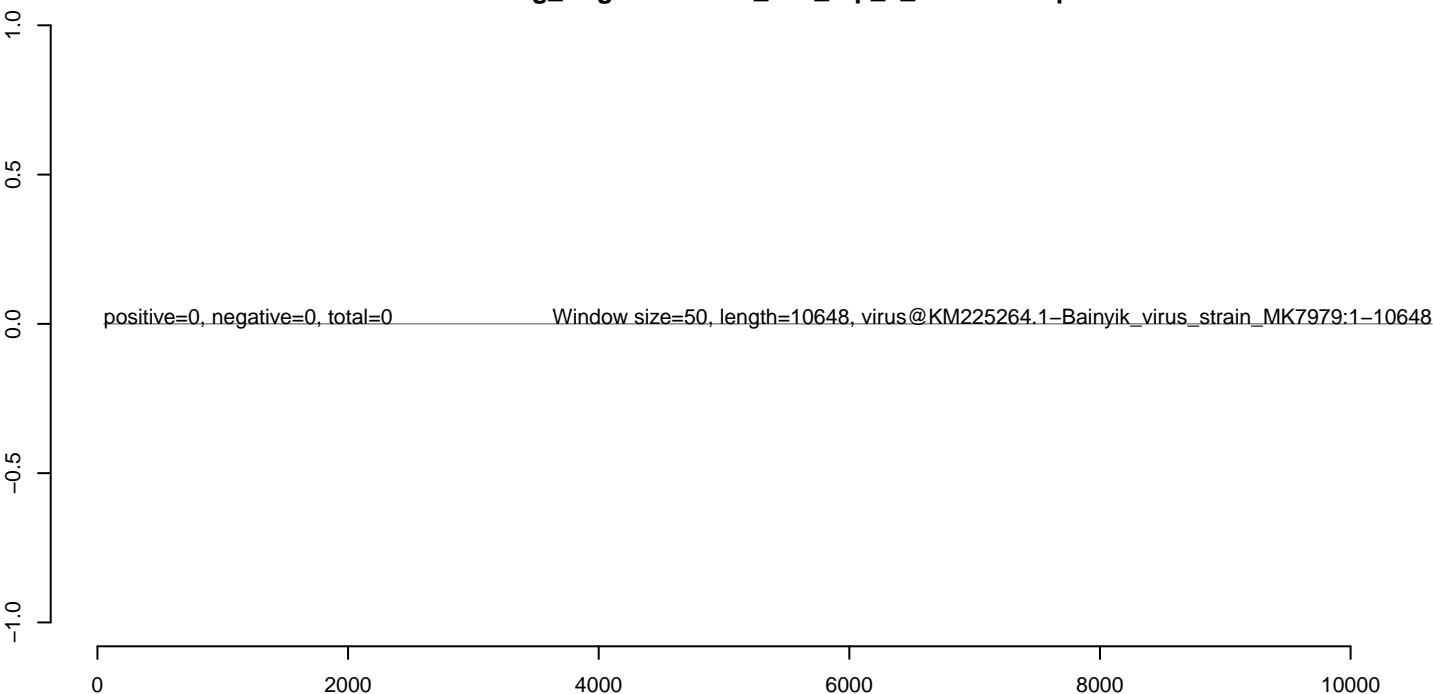
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



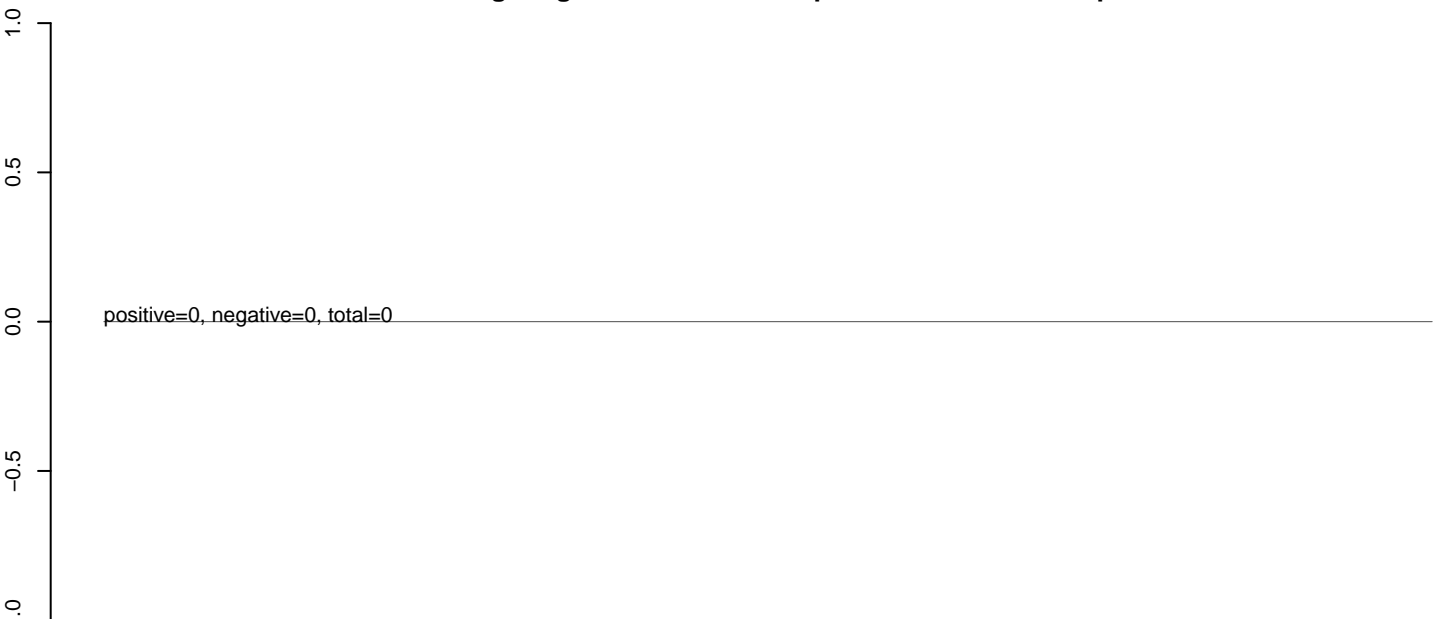
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



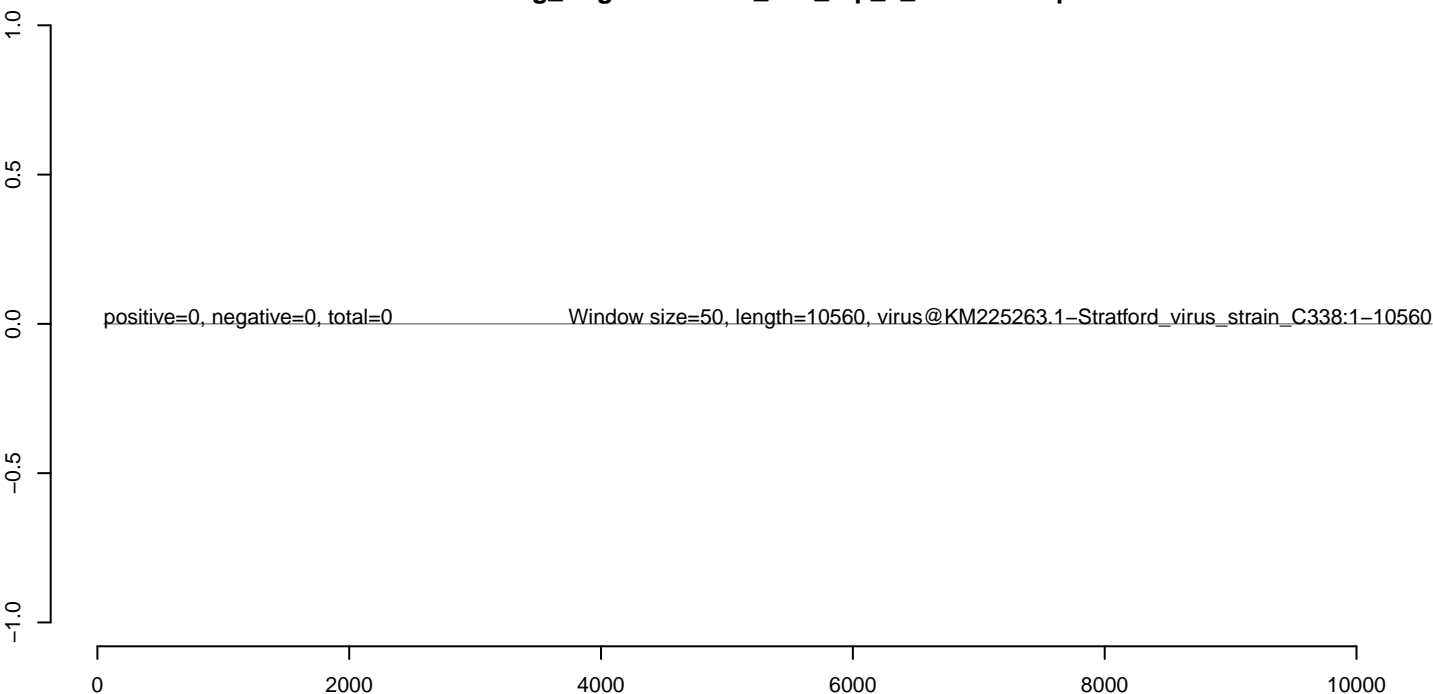
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



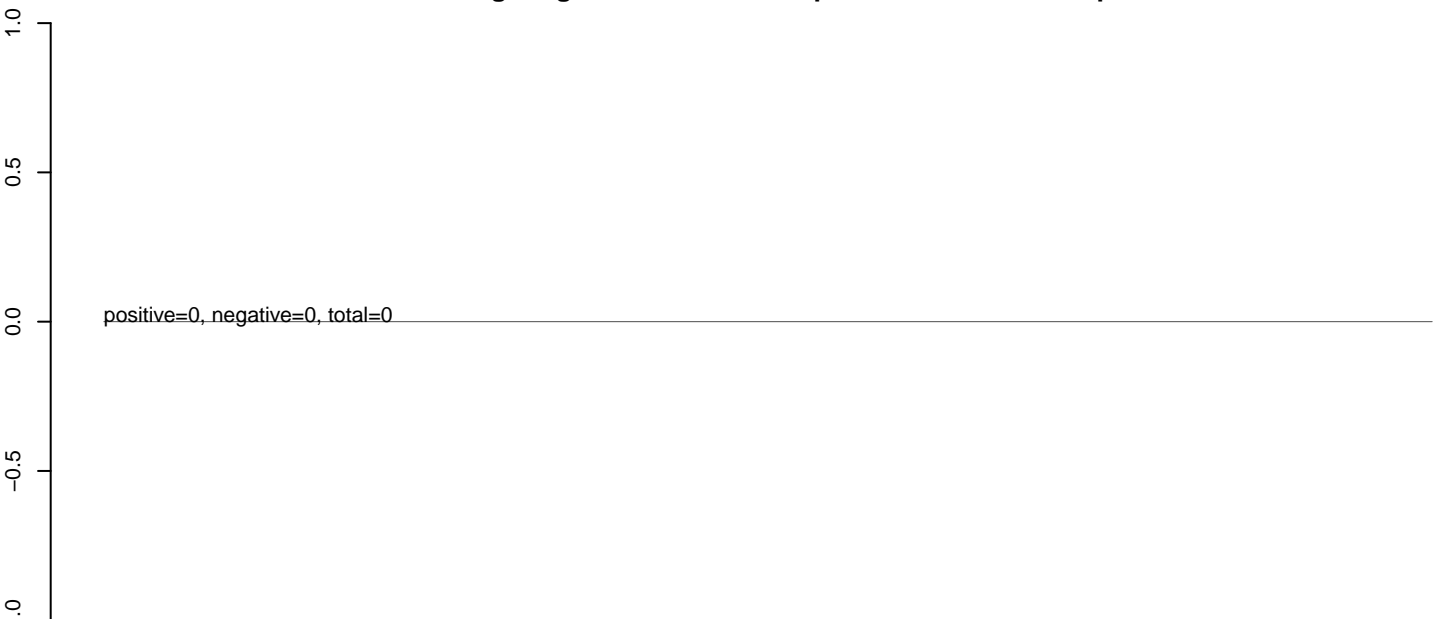
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



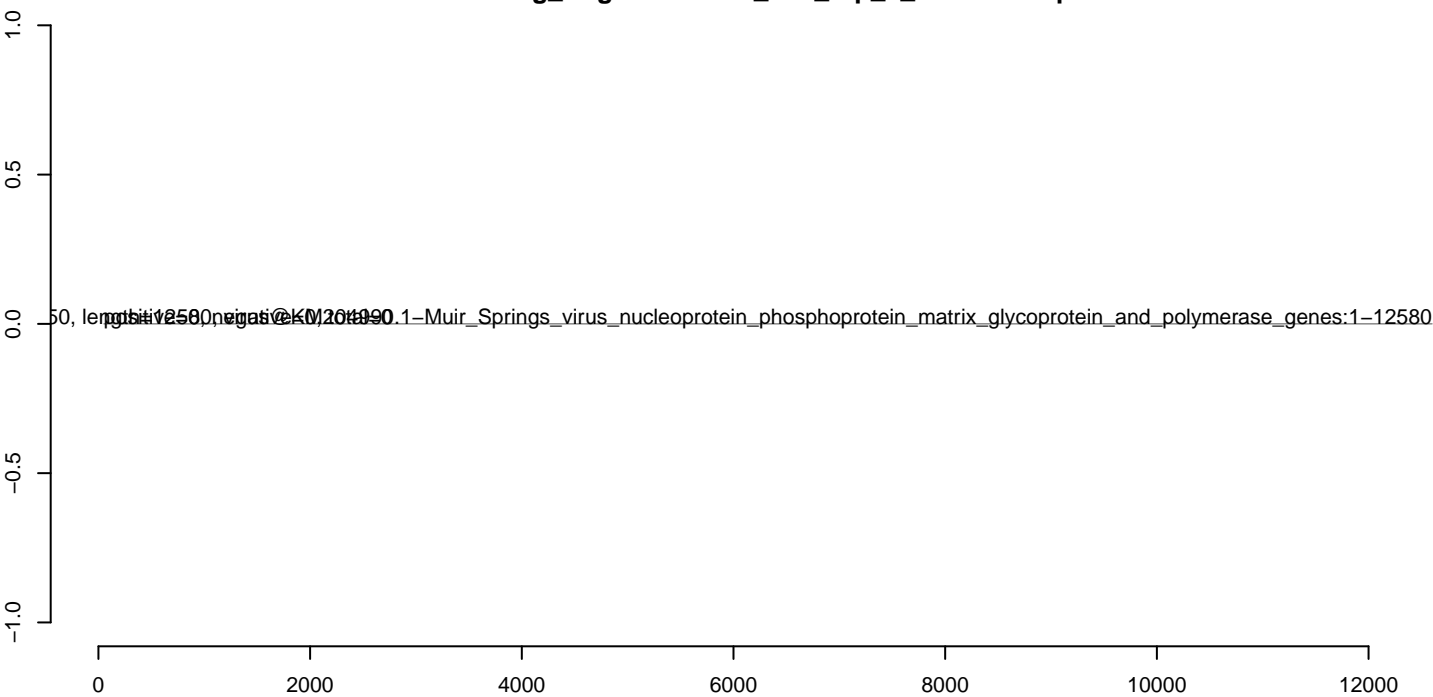
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



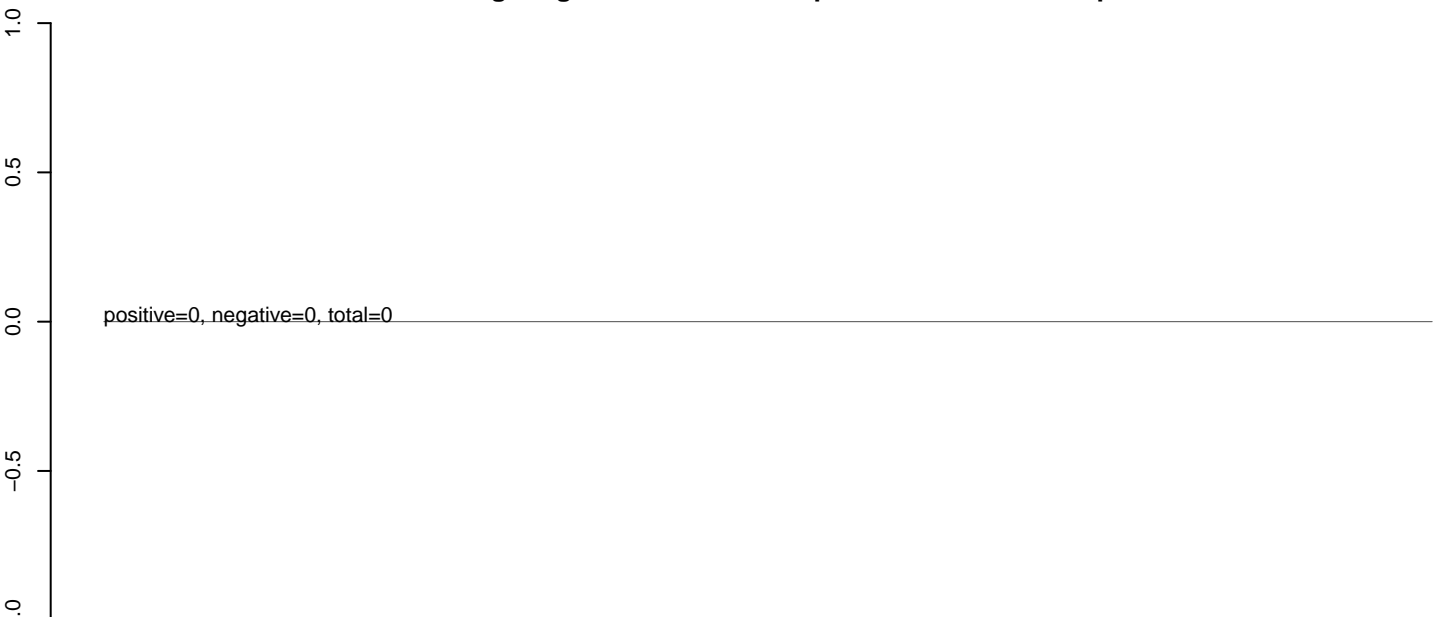
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



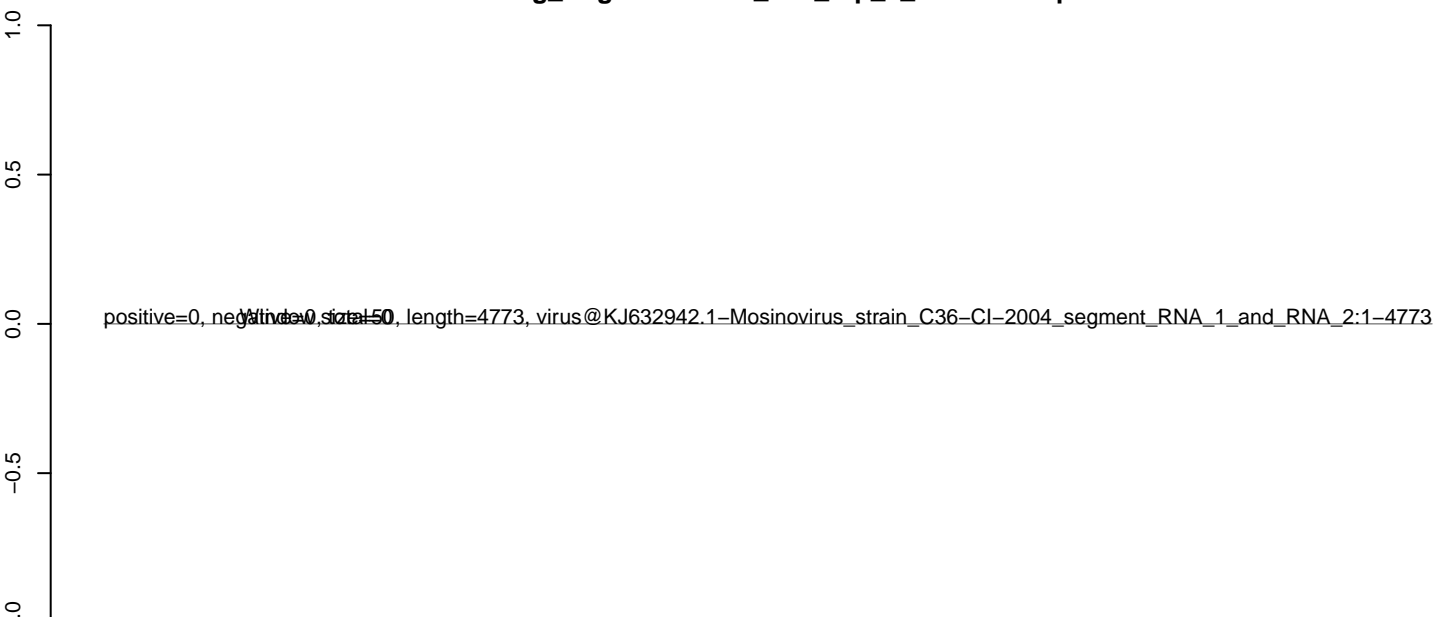
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



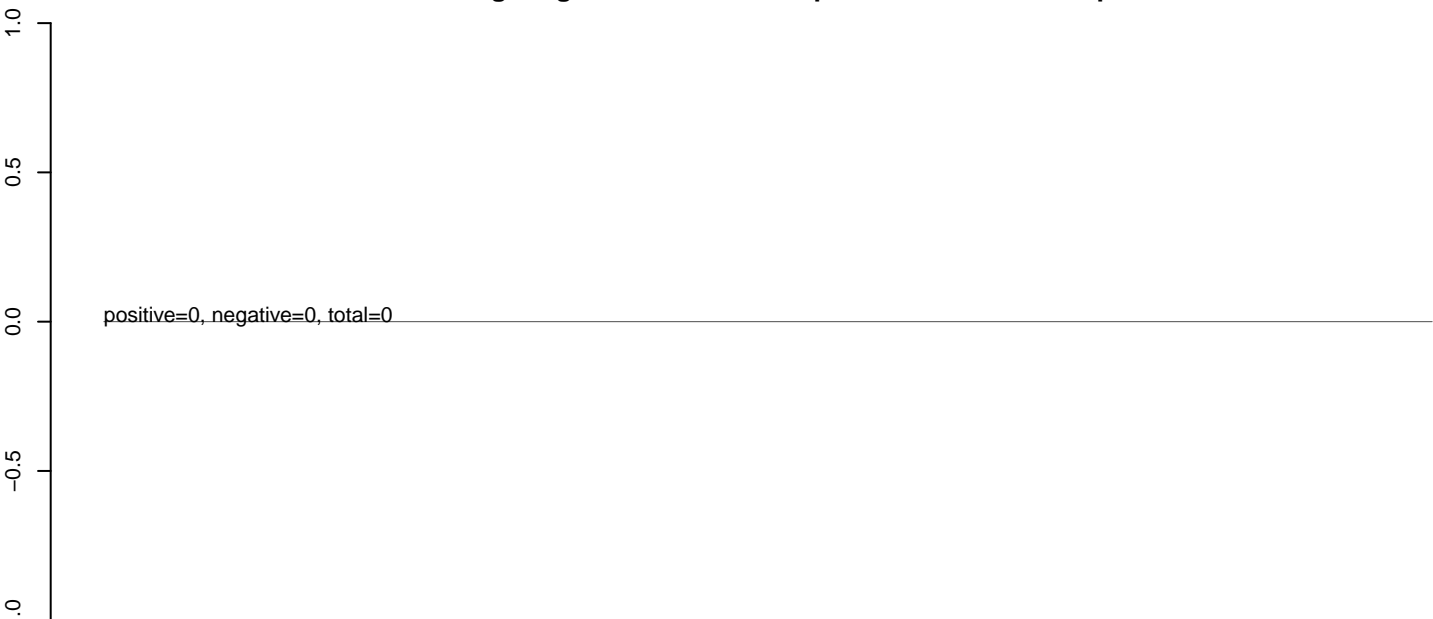
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



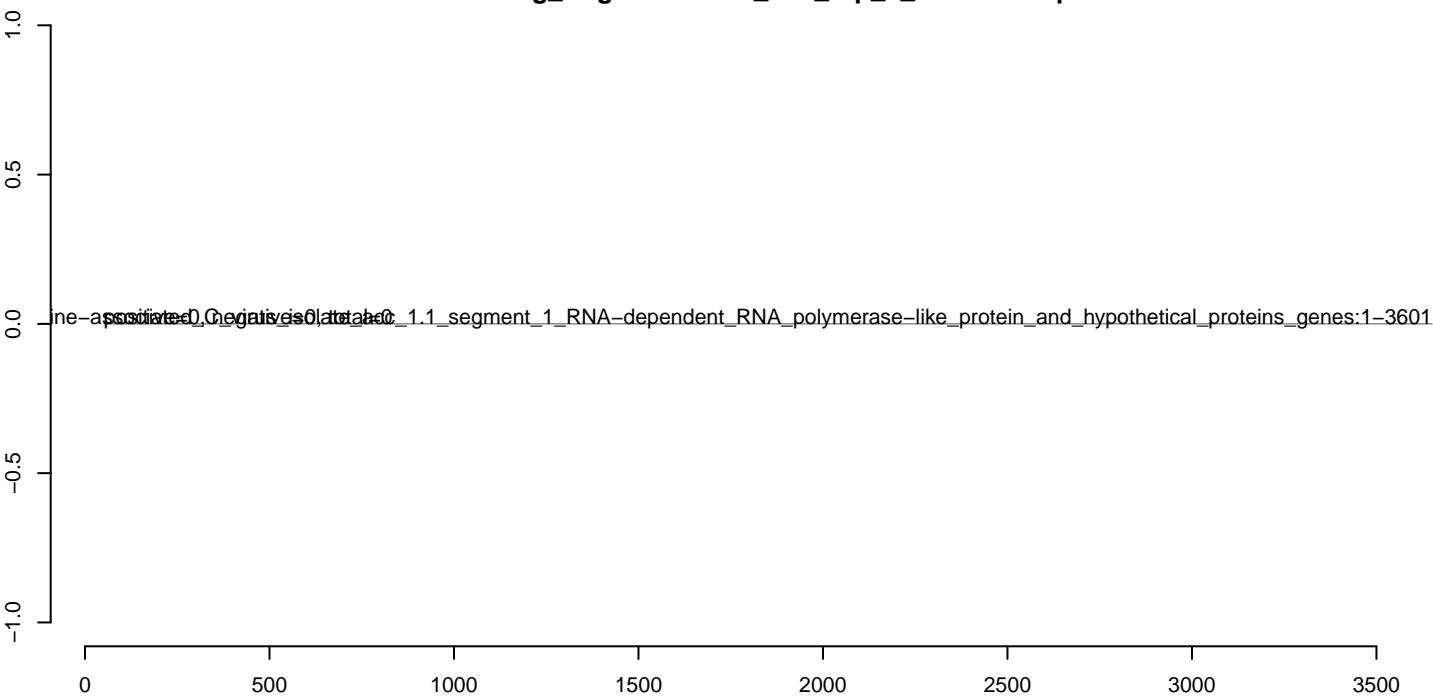
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



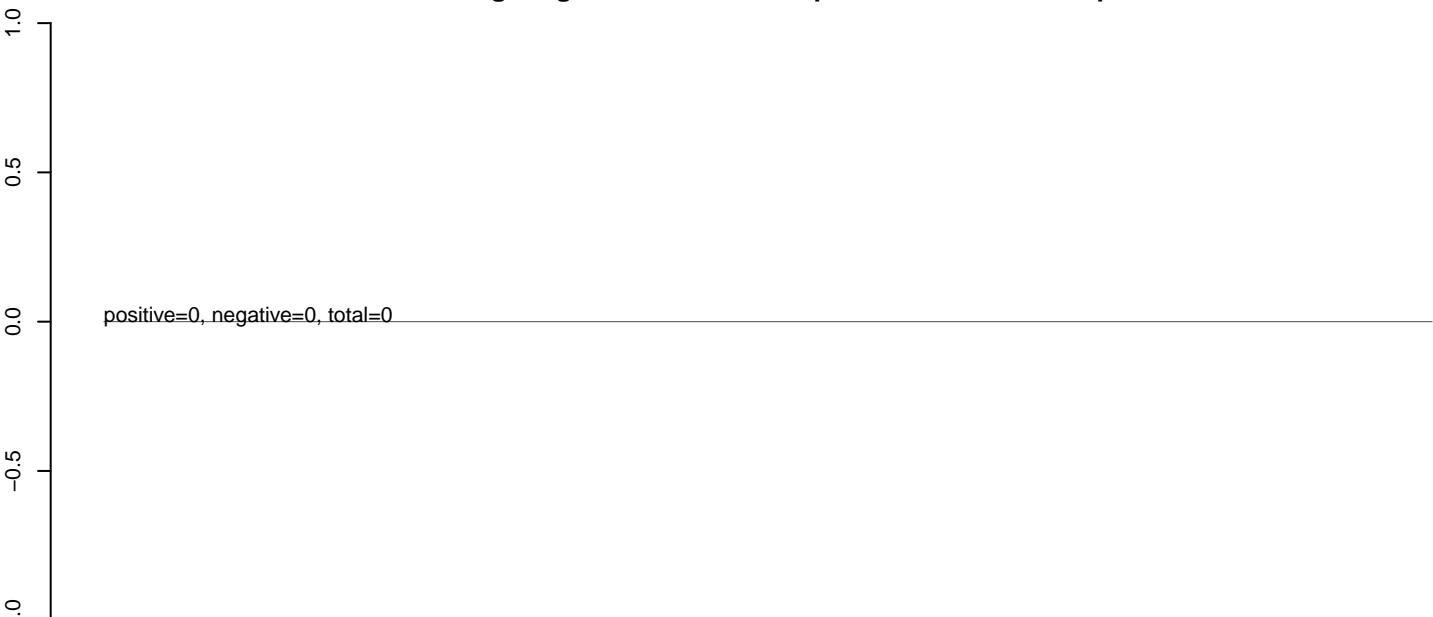
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



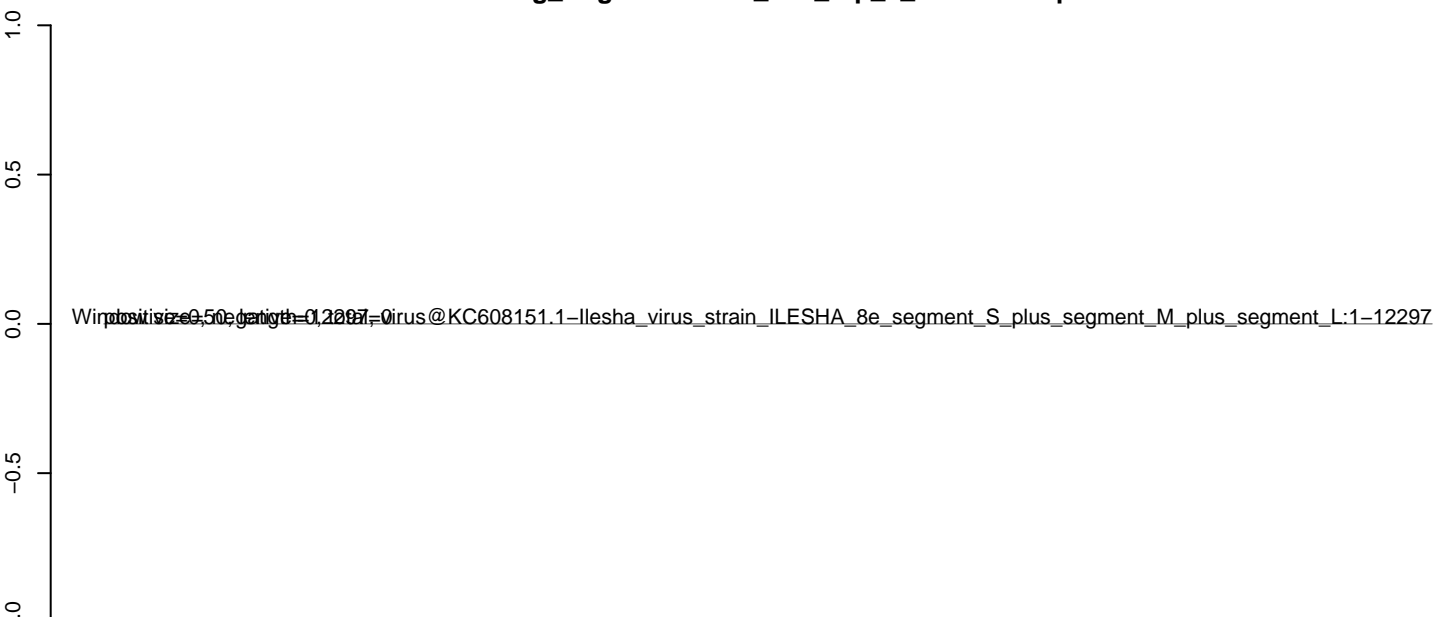
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



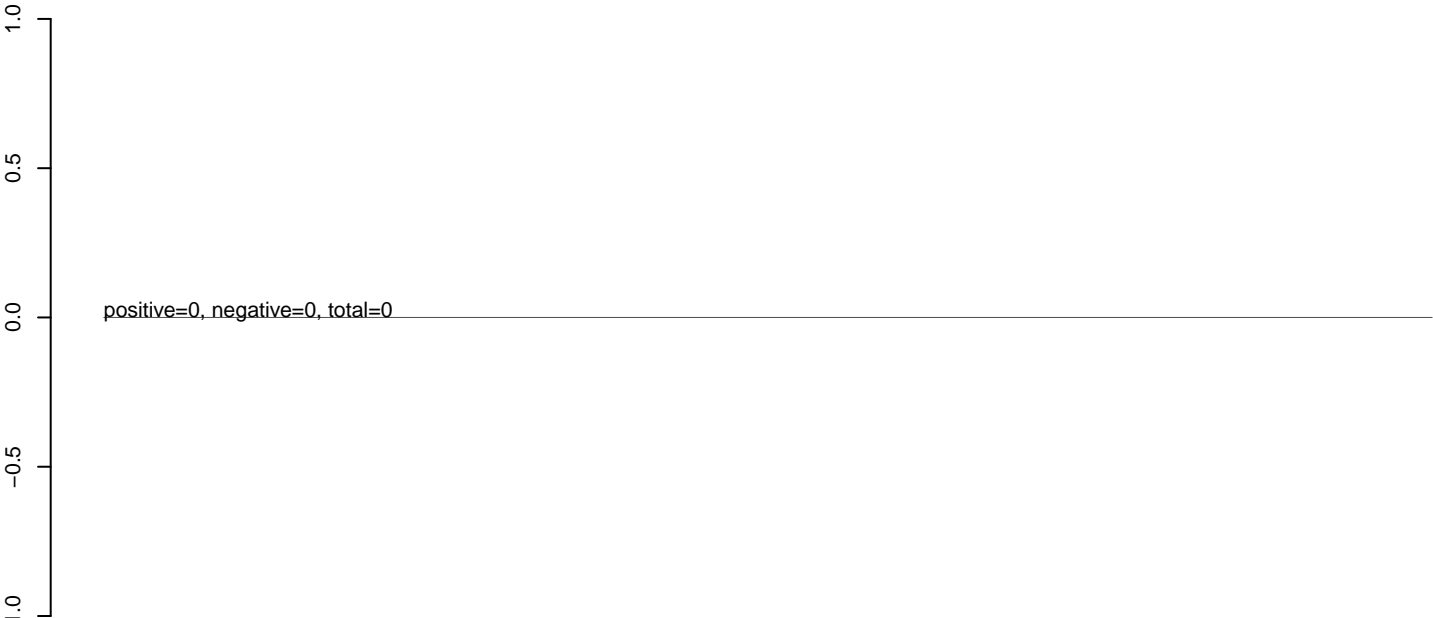
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



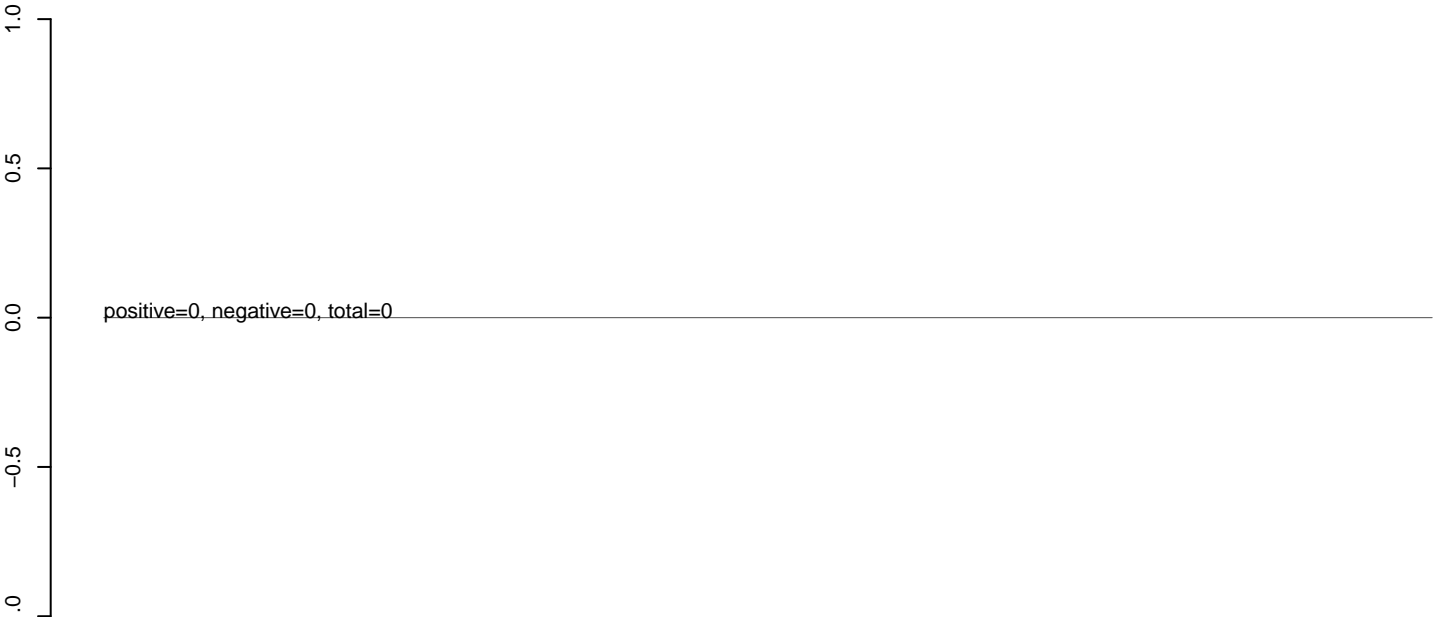
Wimbovirus@KC608151.1-Ilesha\_virus\_strain\_ILESHA\_8e\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12297



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

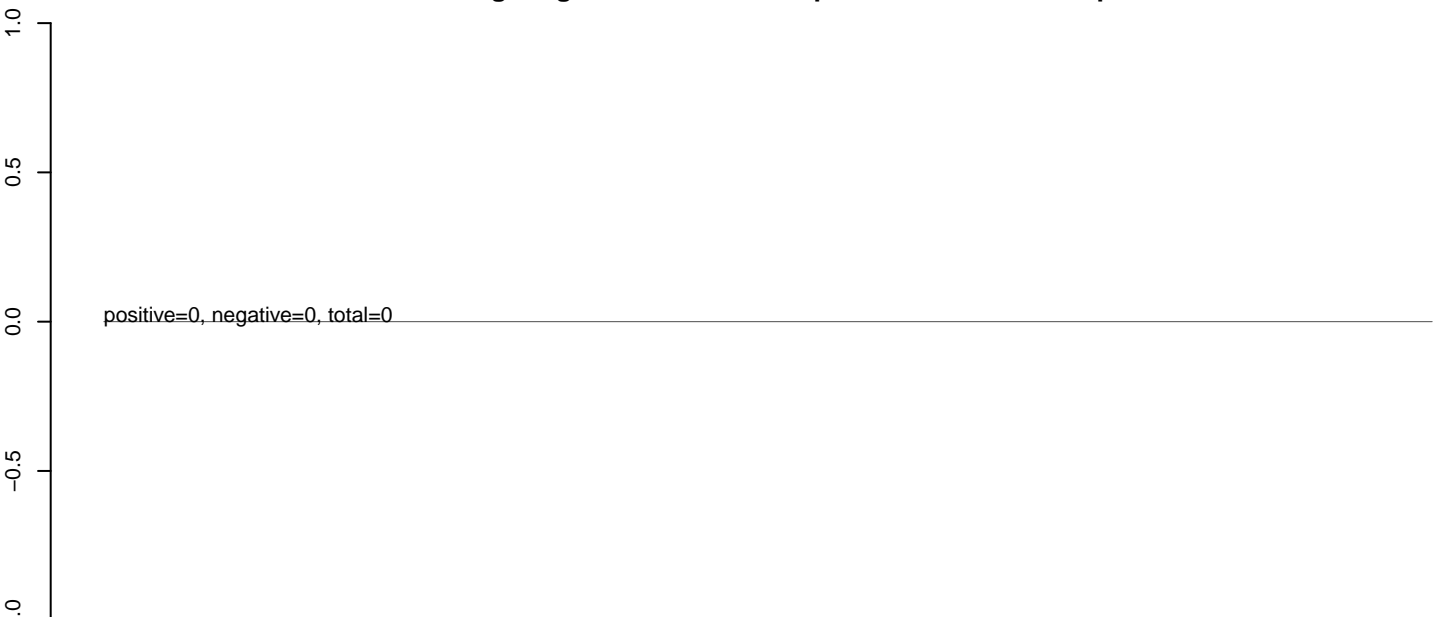


low size of the 12094 nt genome of X853181.1-Schmallenberg\_virus\_isolate\_Germany\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12094

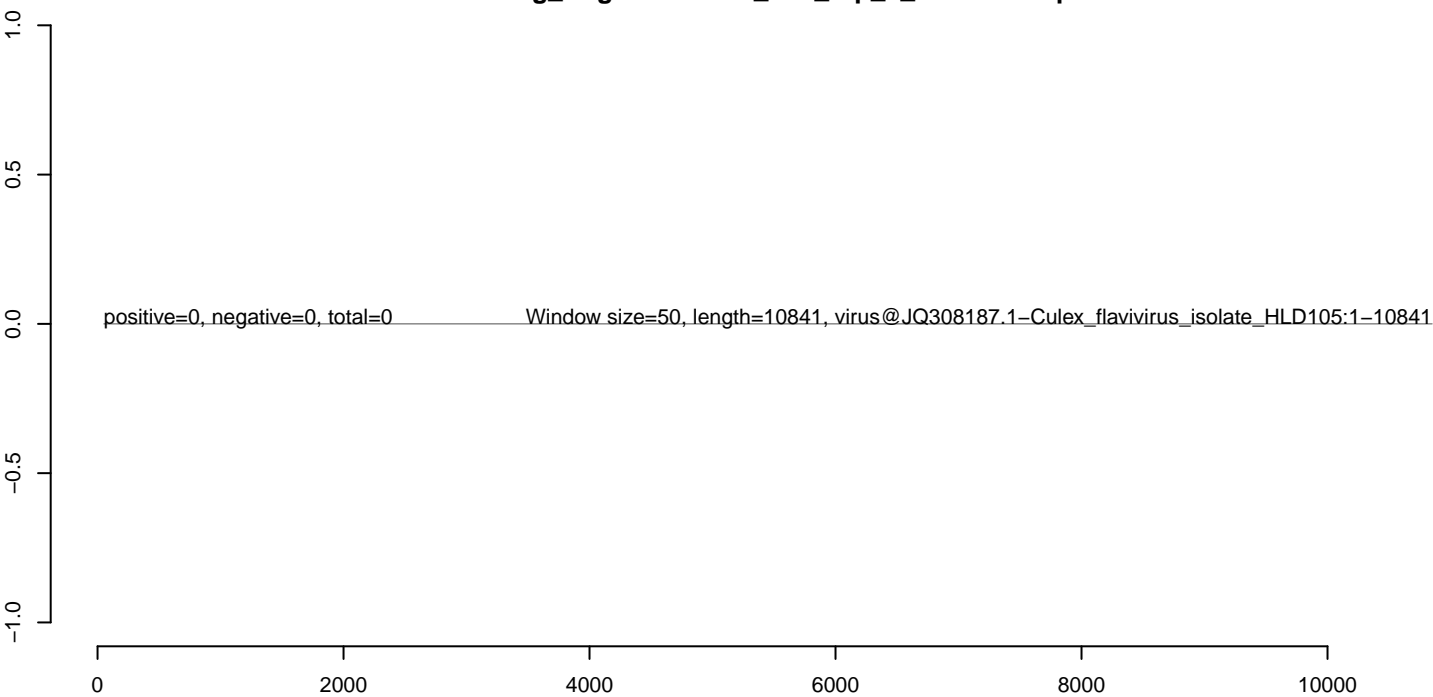
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

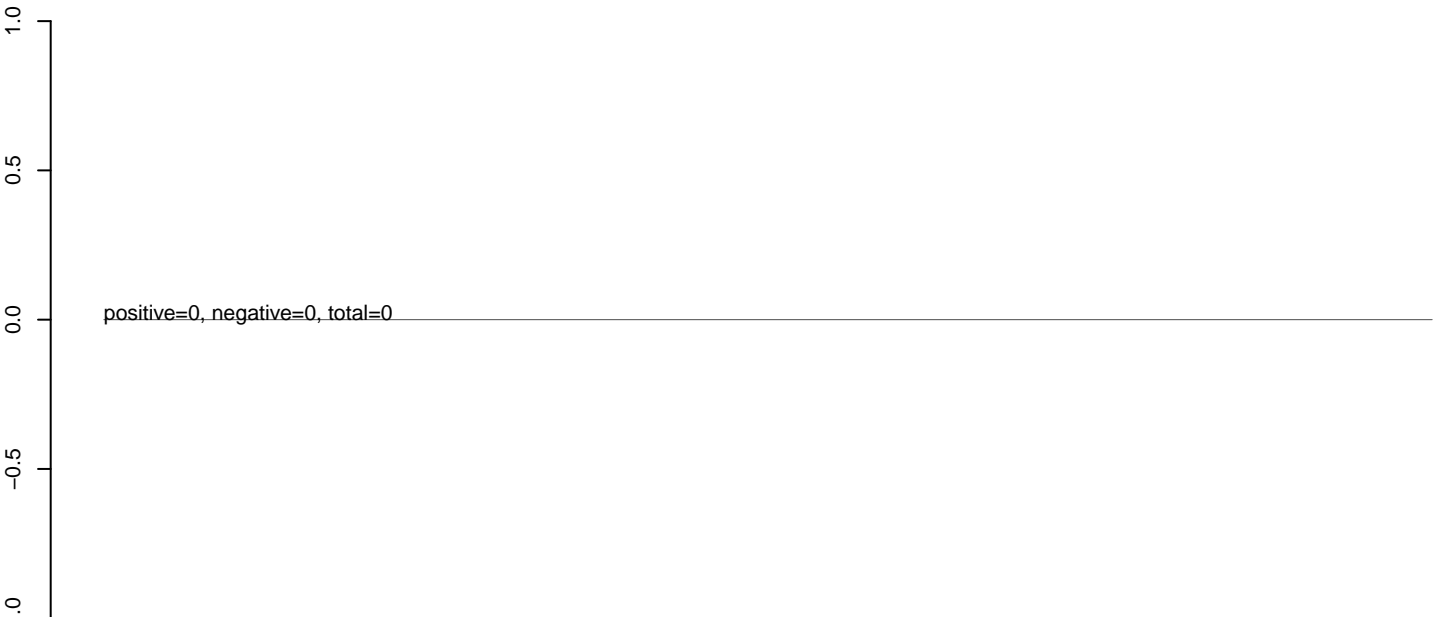


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



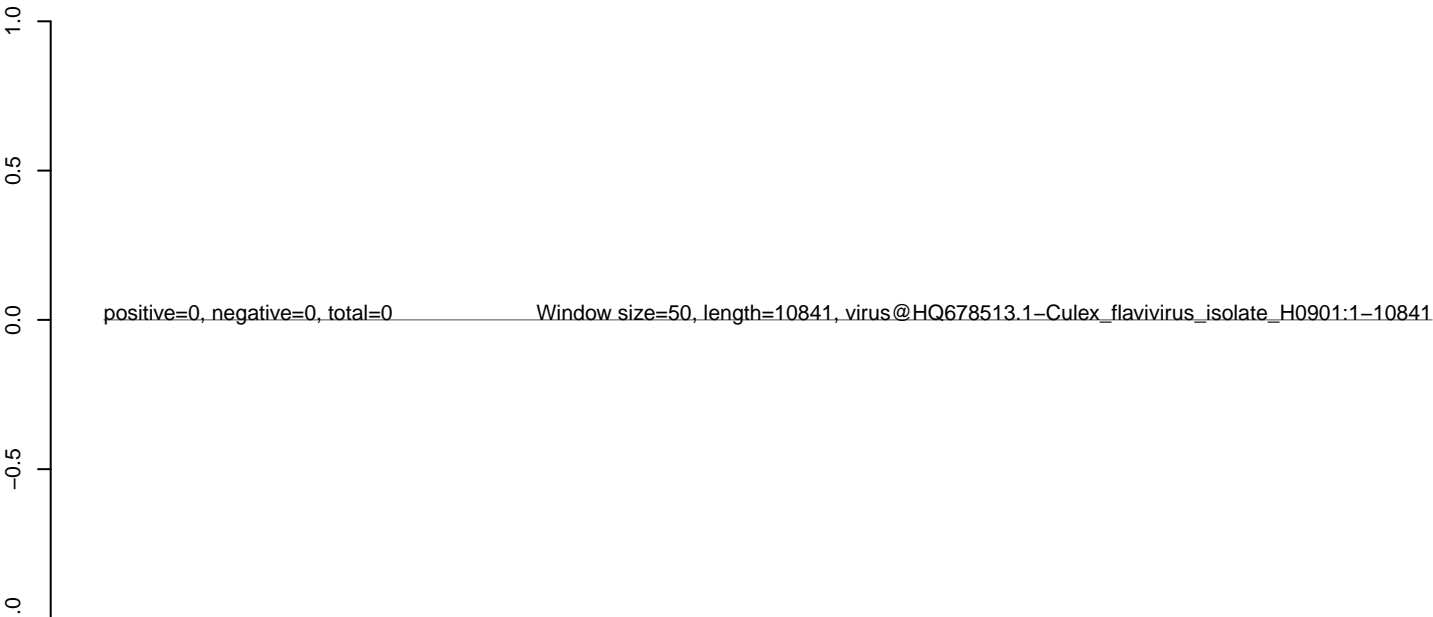
positive=0, negative=0, total=0

AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



positive=0, negative=0, total=0

AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

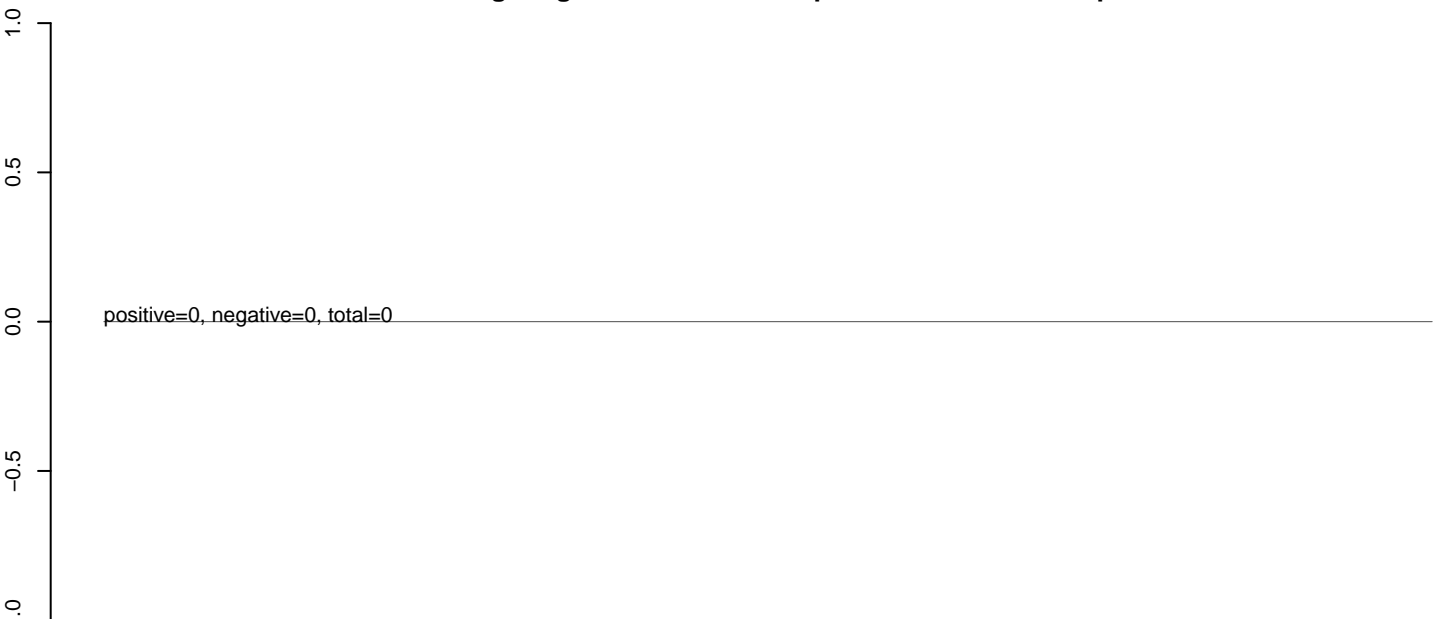


positive=0, negative=0, total=0 Window size=50, length=10841, virus@HQ678513.1-Culex\_flavivirus\_isolate\_H0901:1-10841

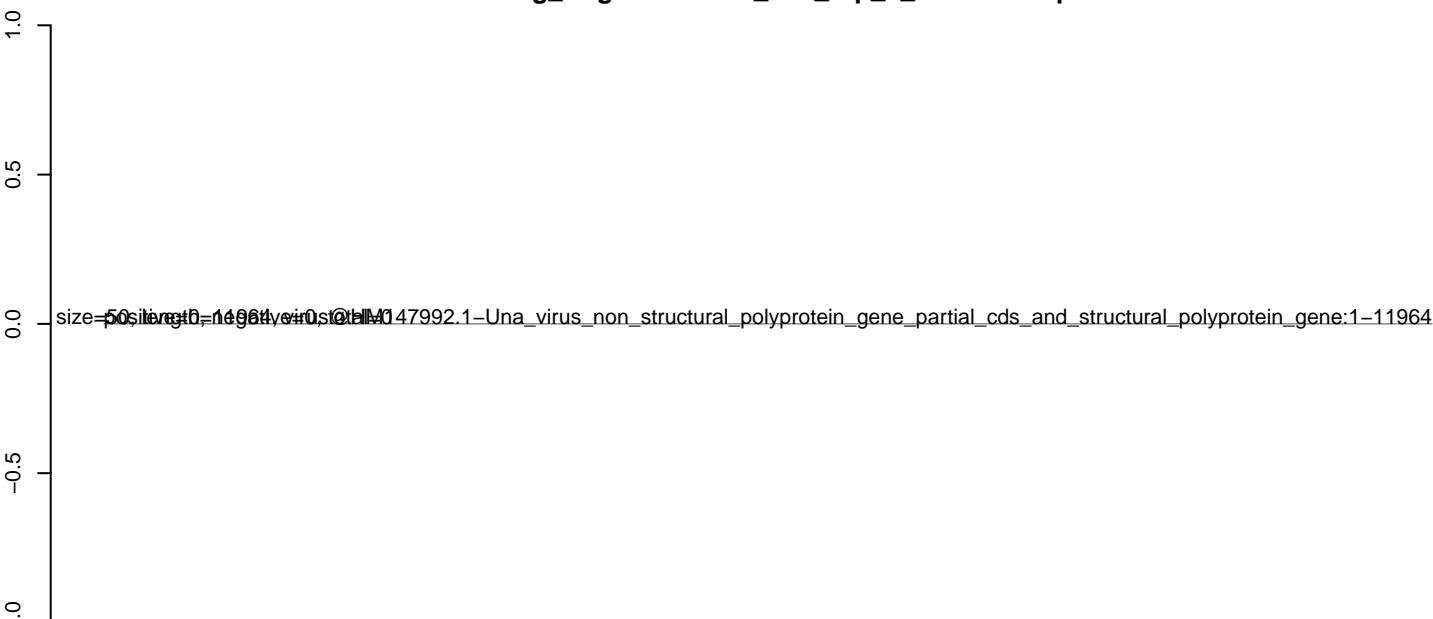
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

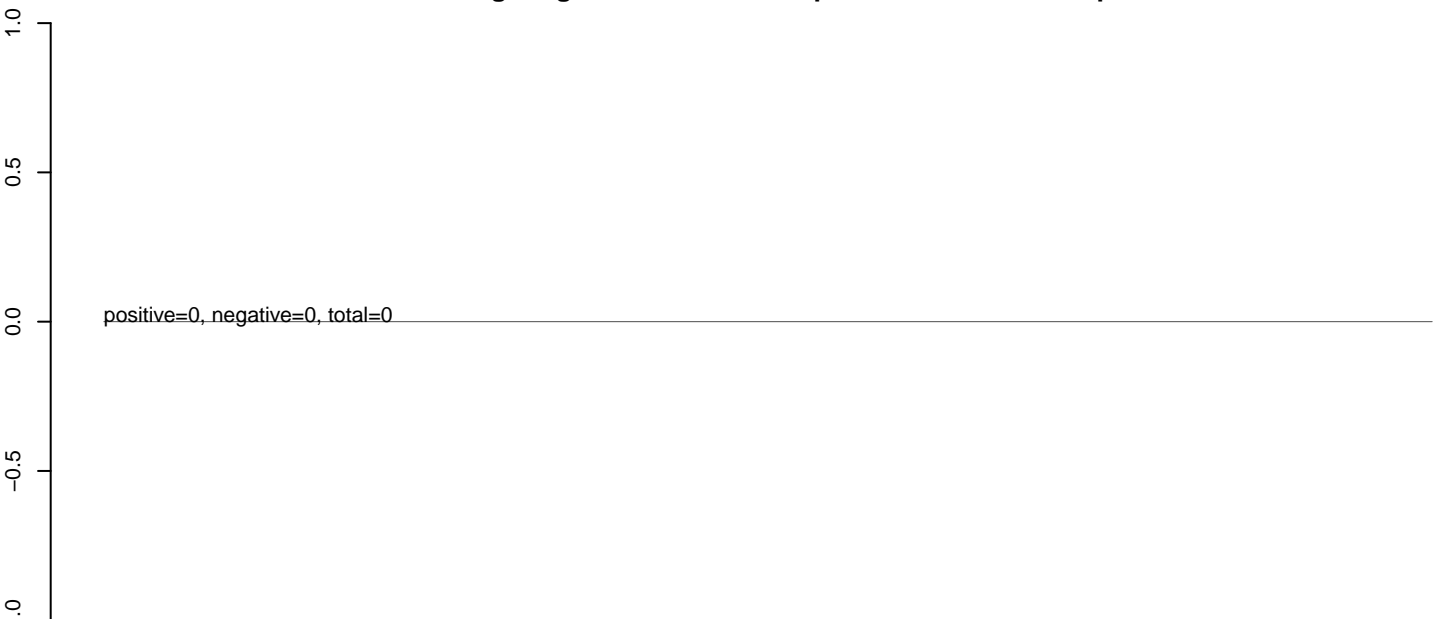


size=50, length=11964, window=10, min=0, max=1  
147992.1-Una\_virus\_non\_structural\_polyprotein\_gene\_partial\_cds\_and\_structural\_polyprotein\_gene:1-11964

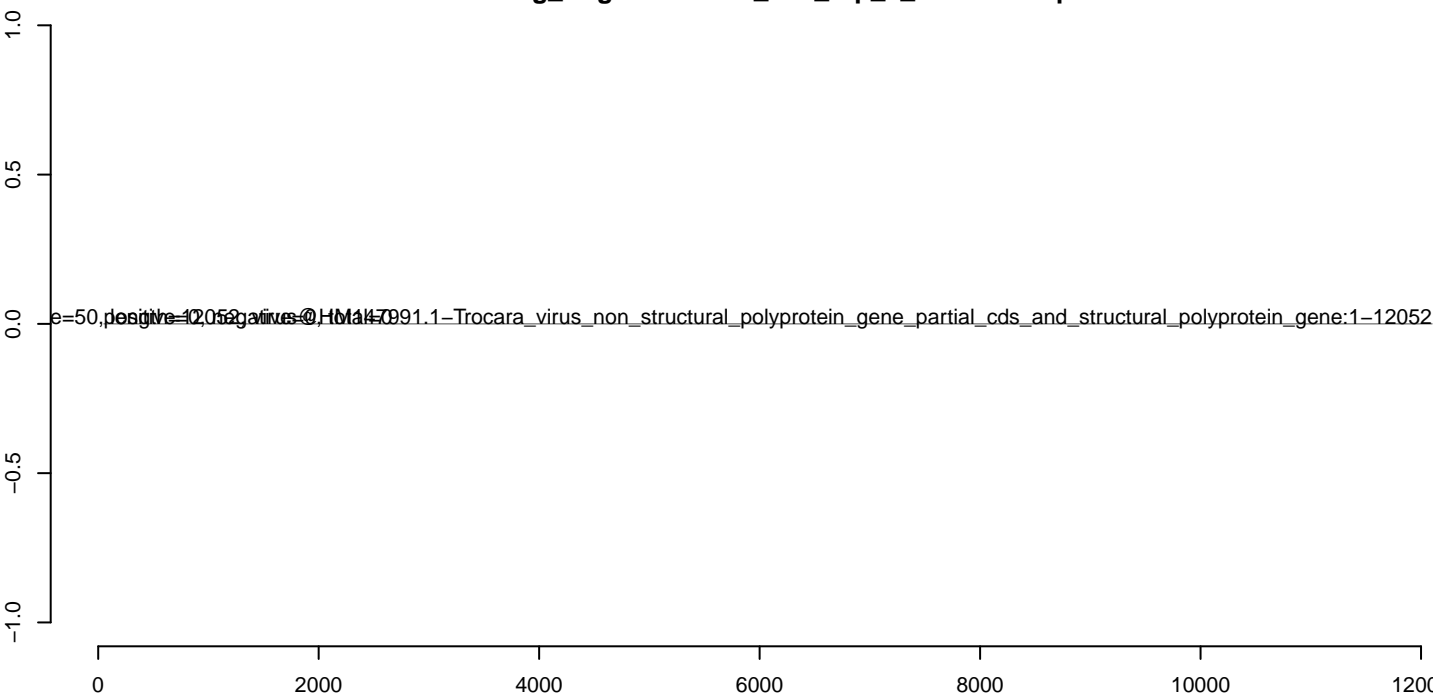
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



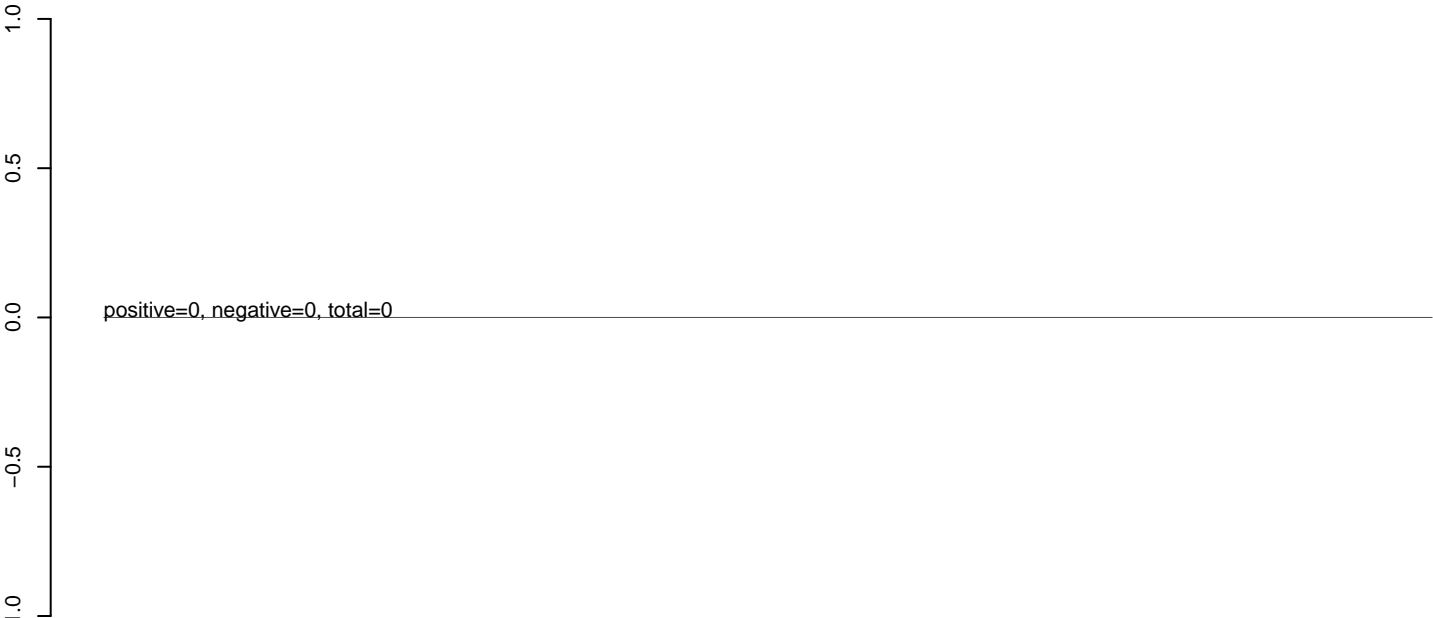
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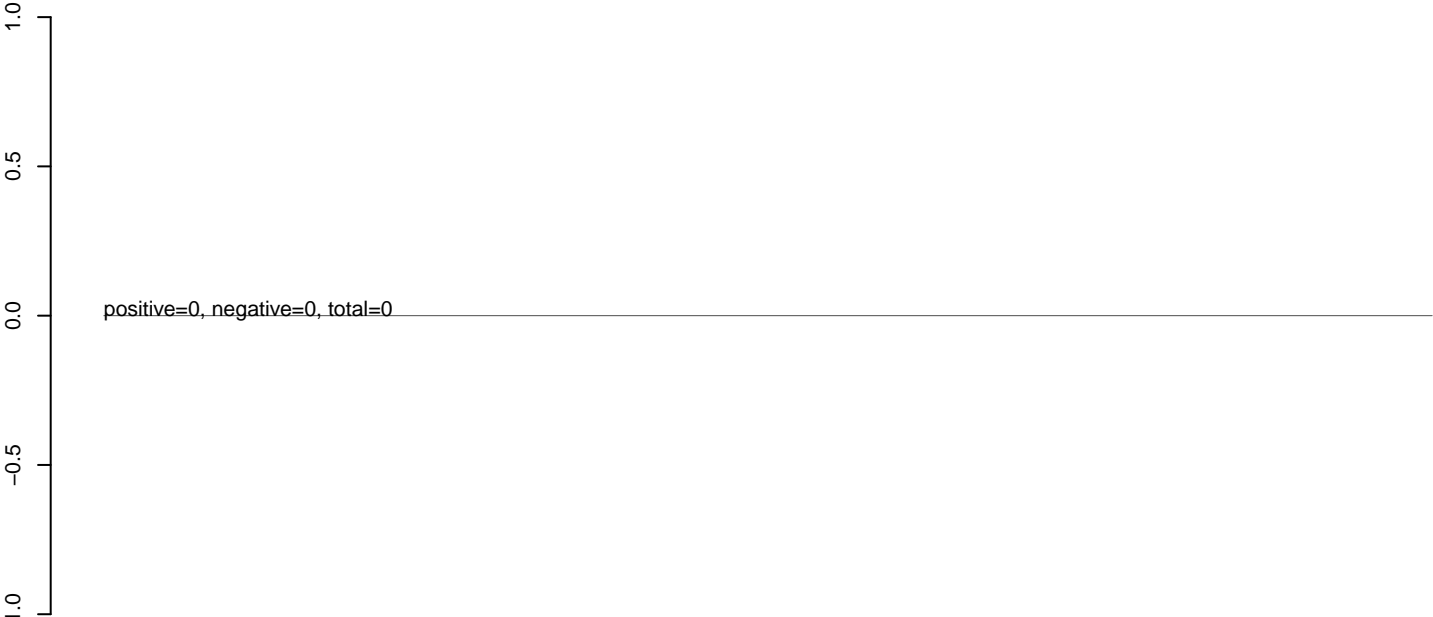
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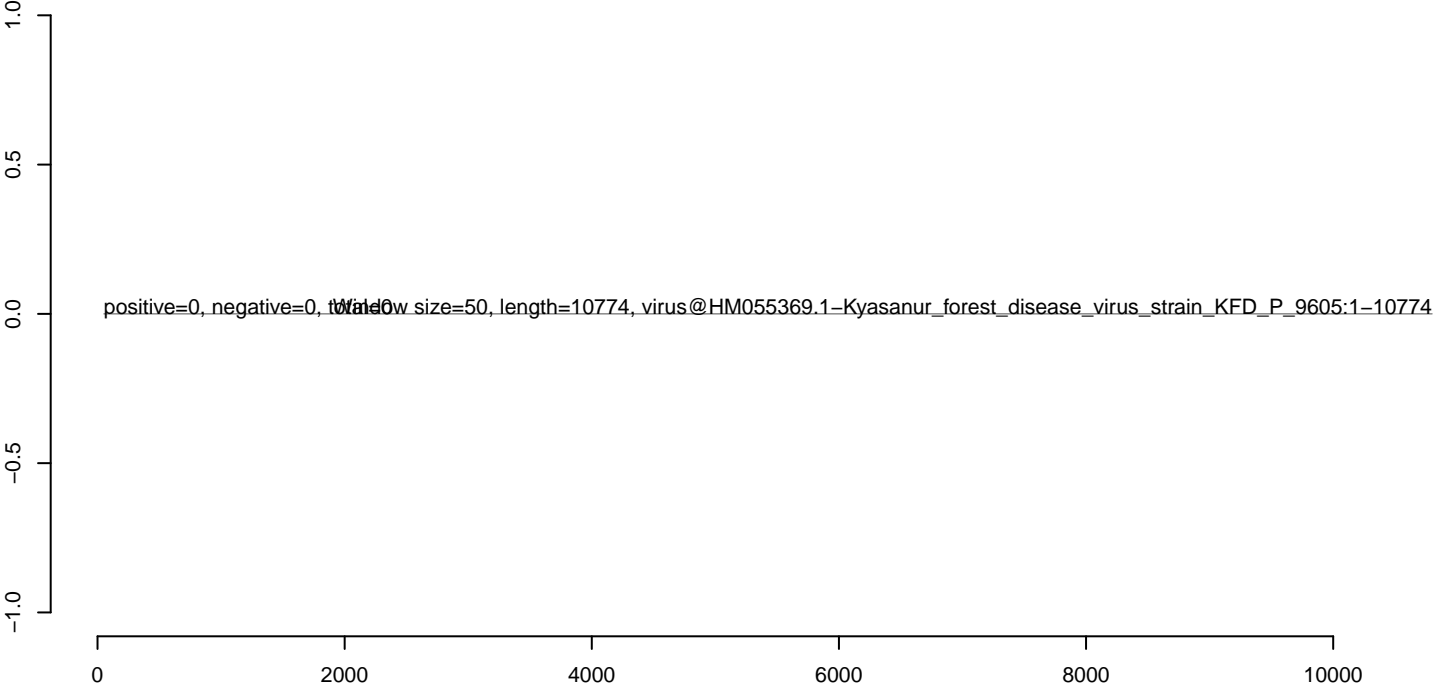
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



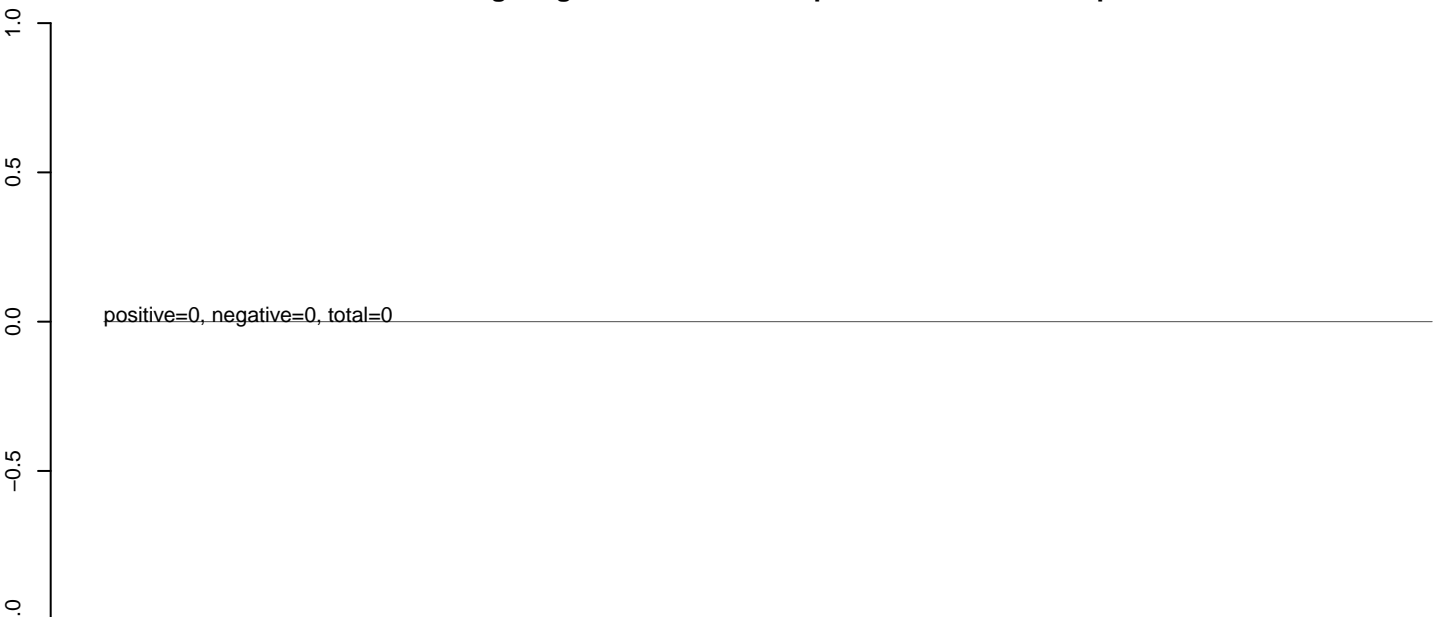
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



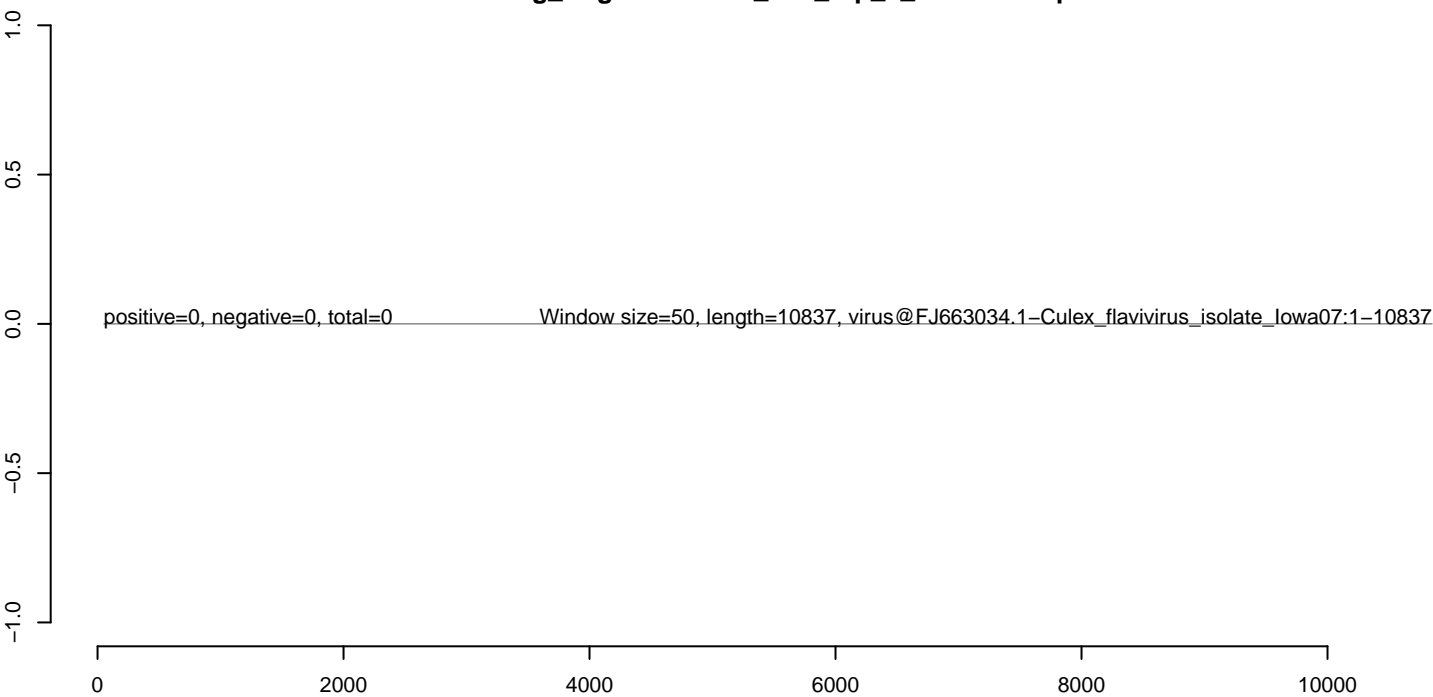
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



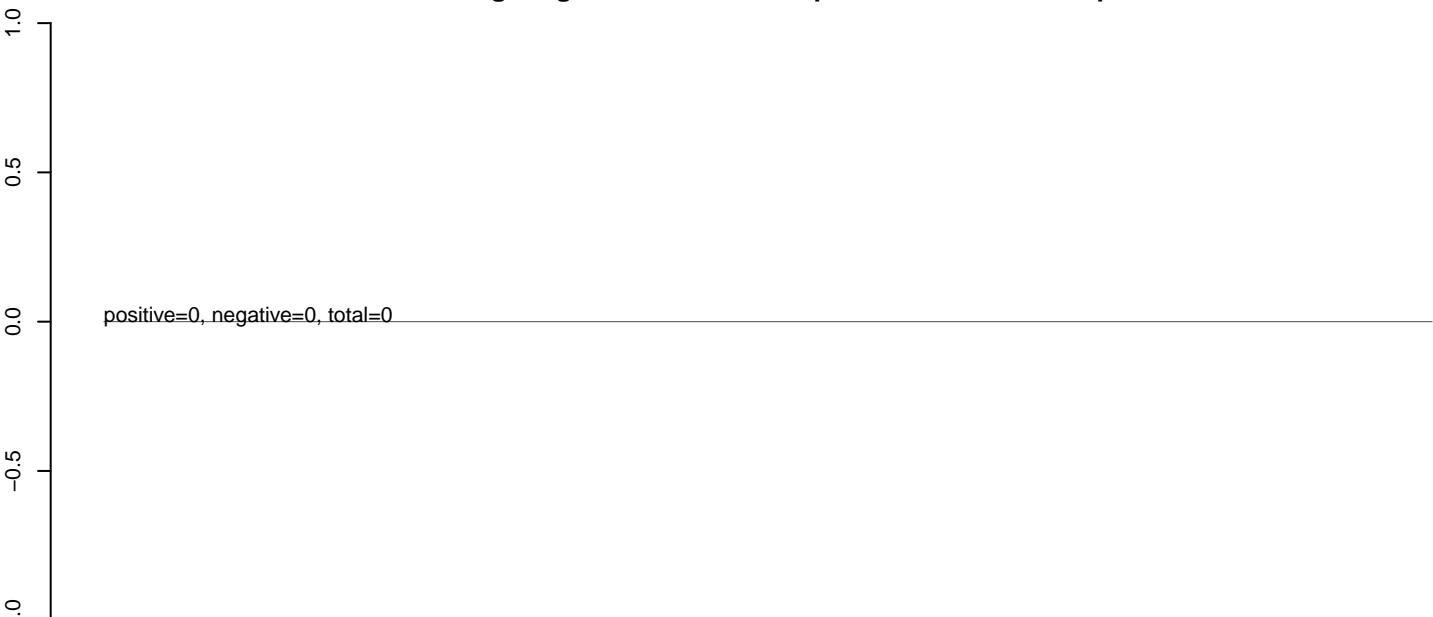
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



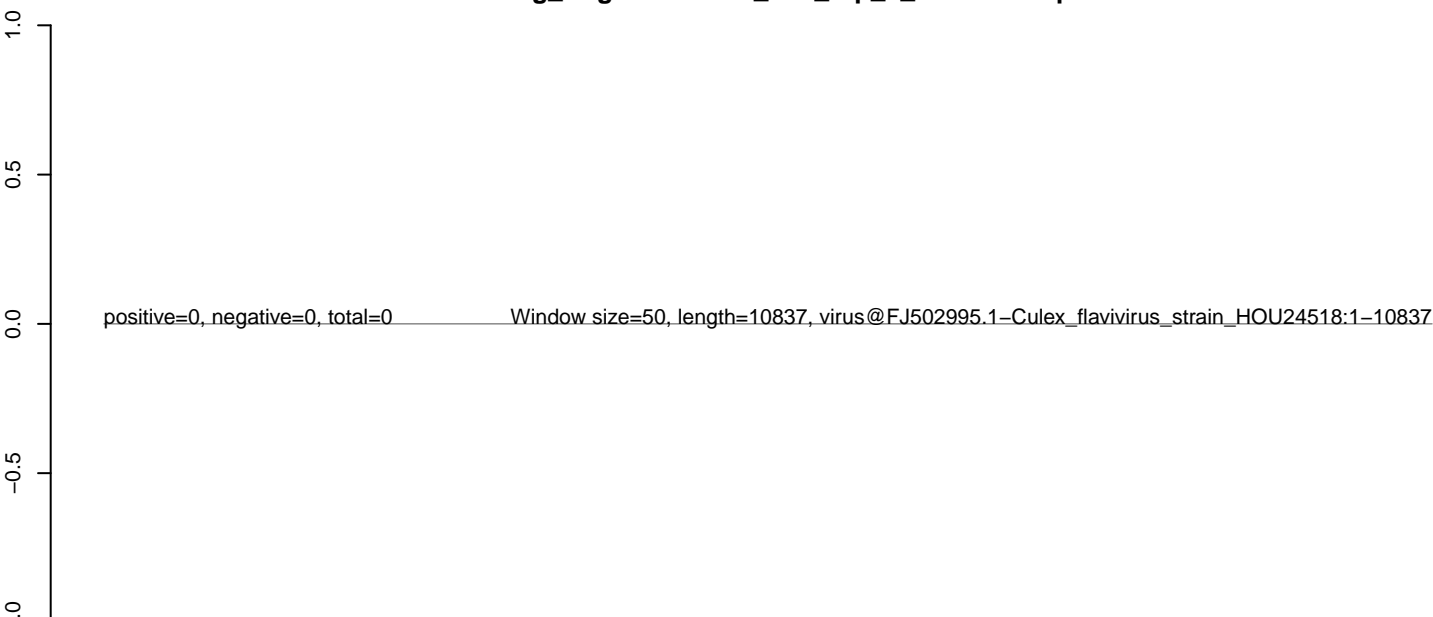
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

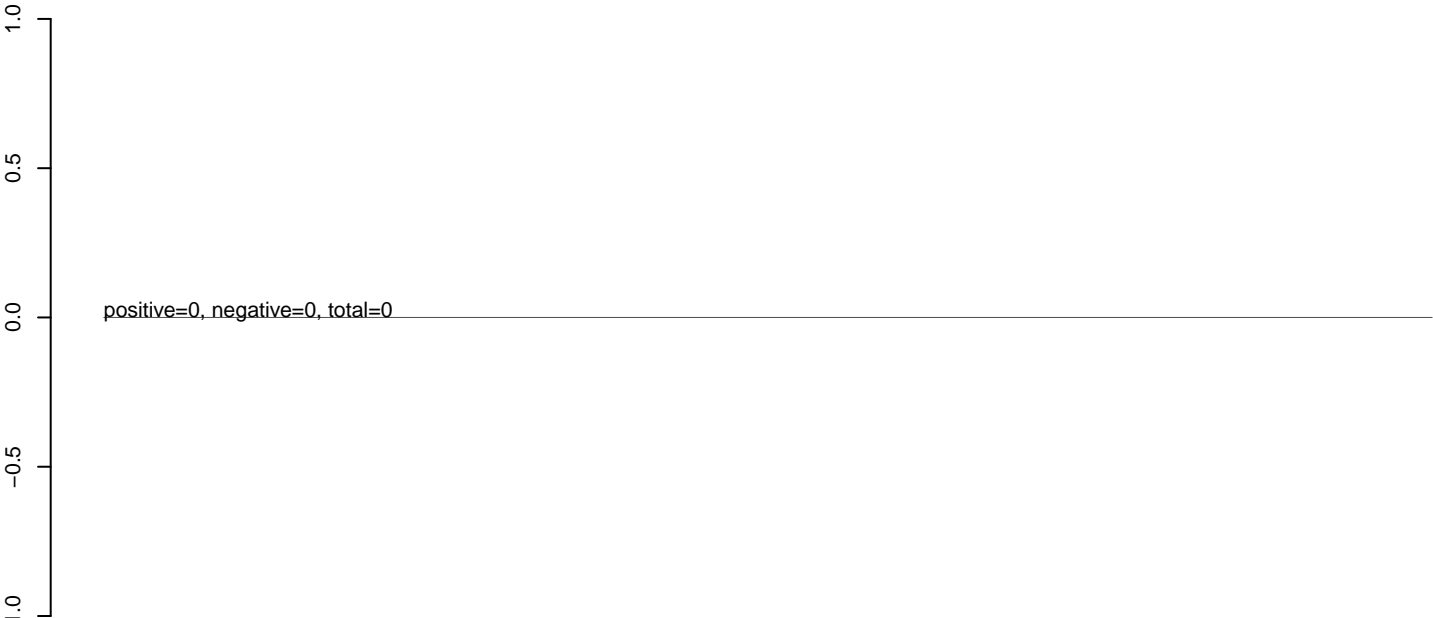


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

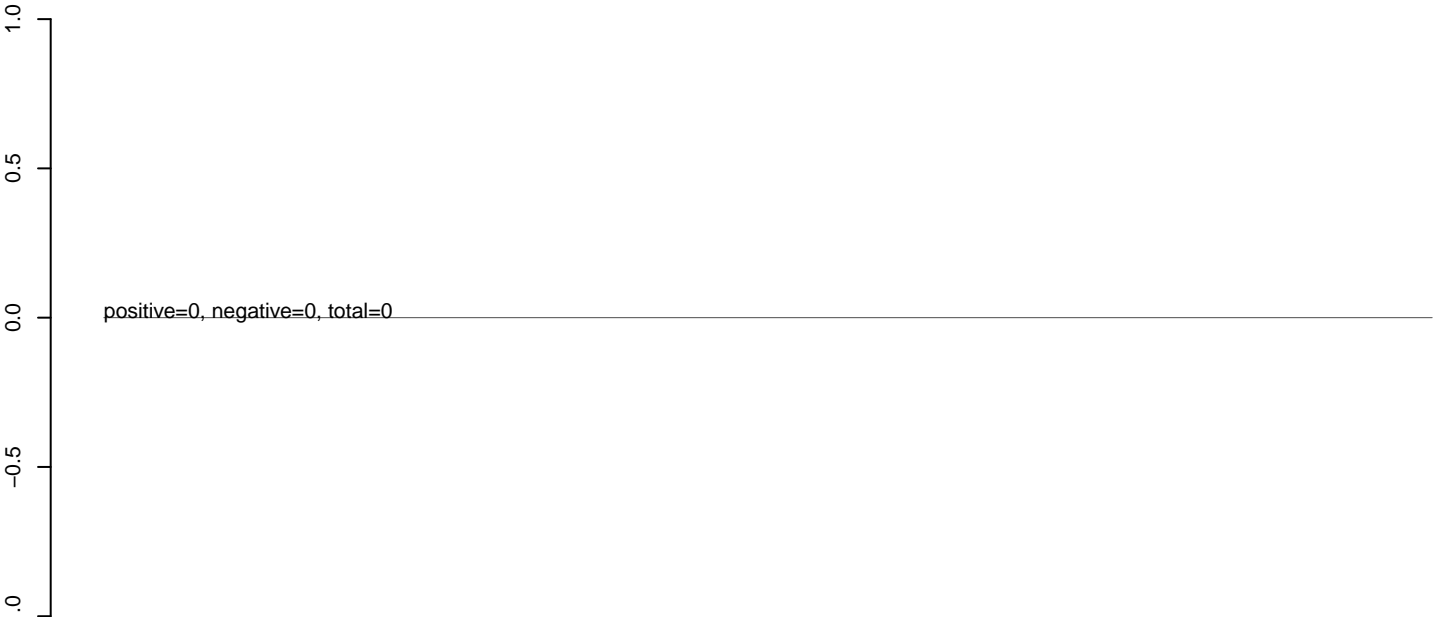




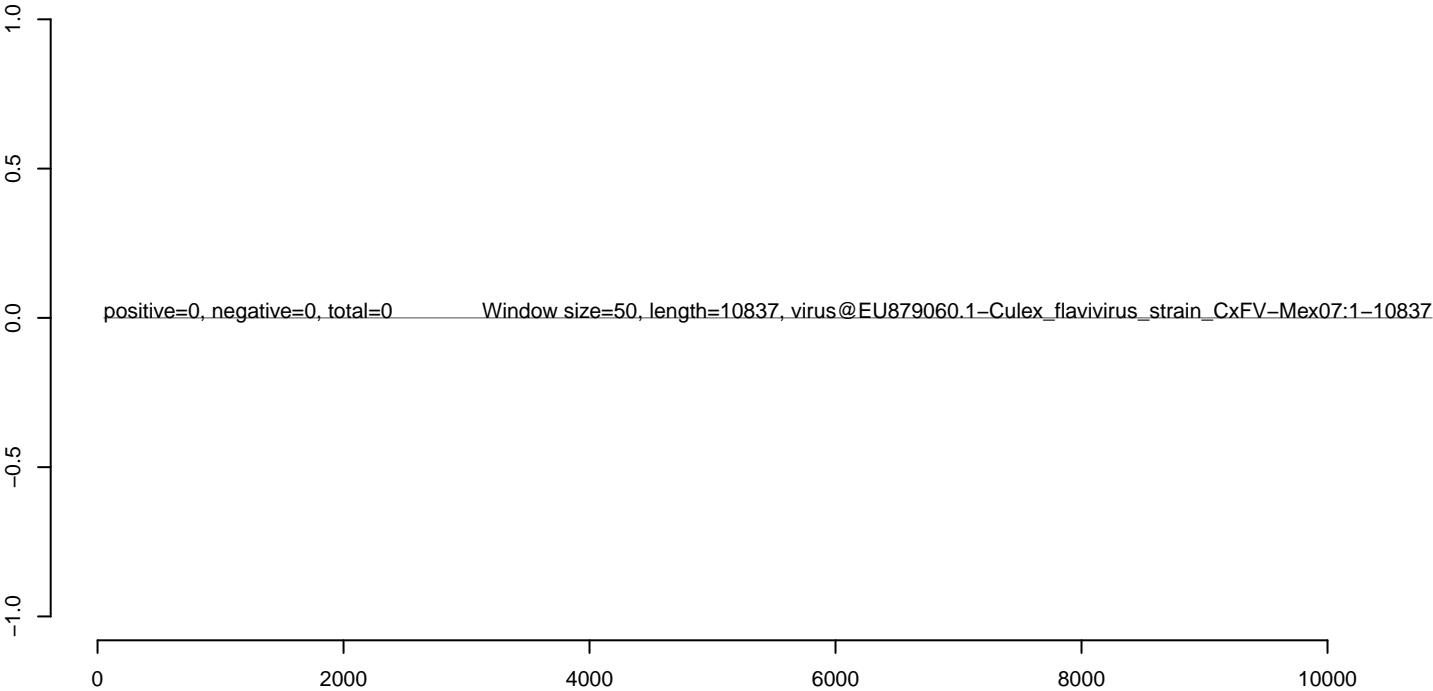
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



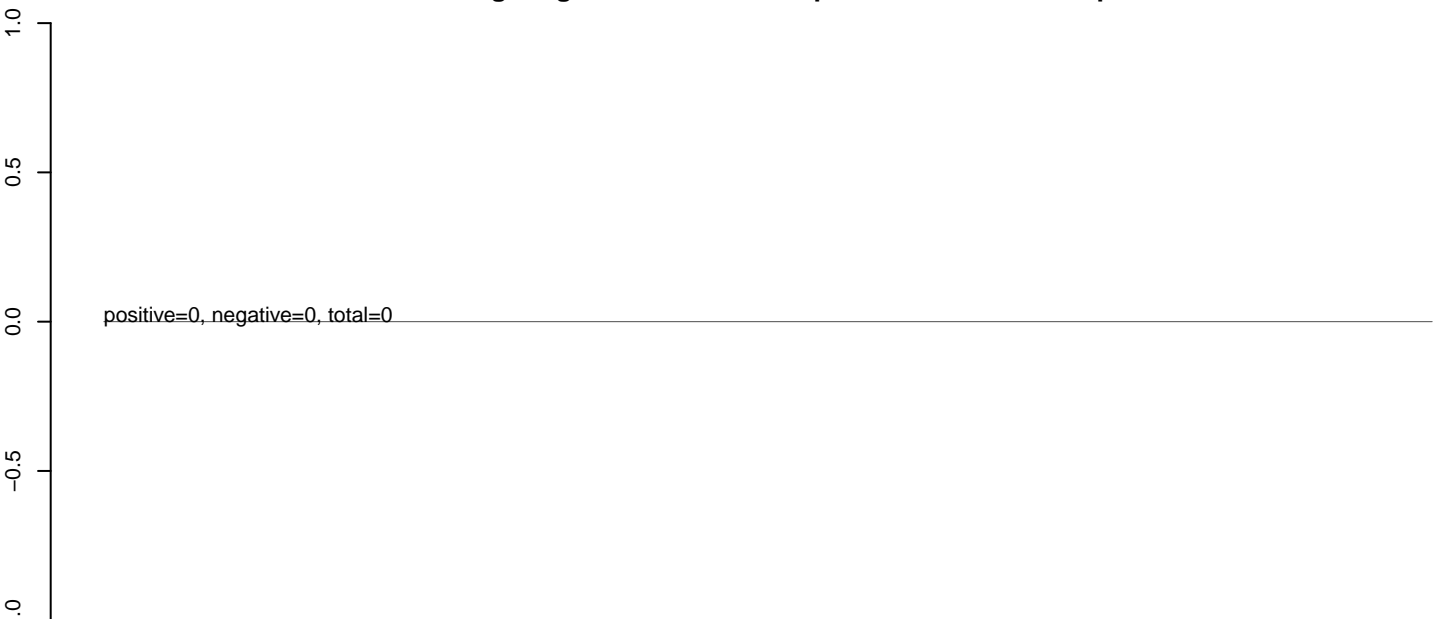
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



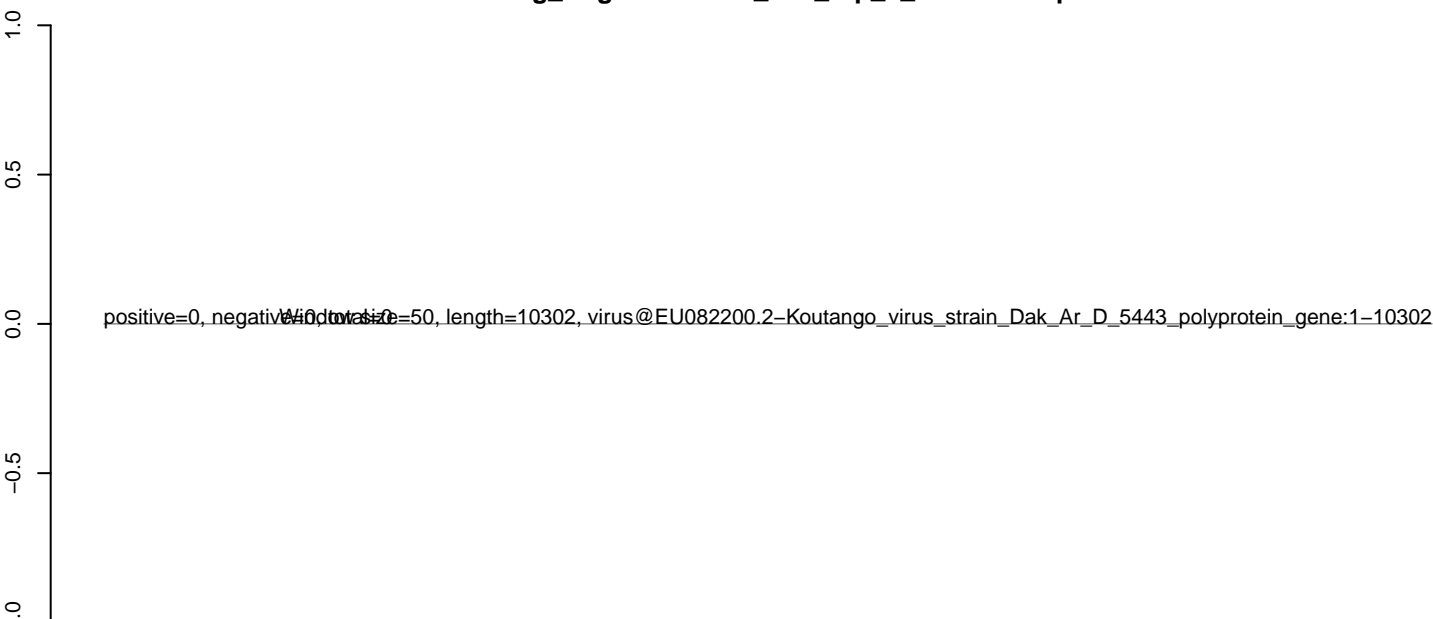
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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep

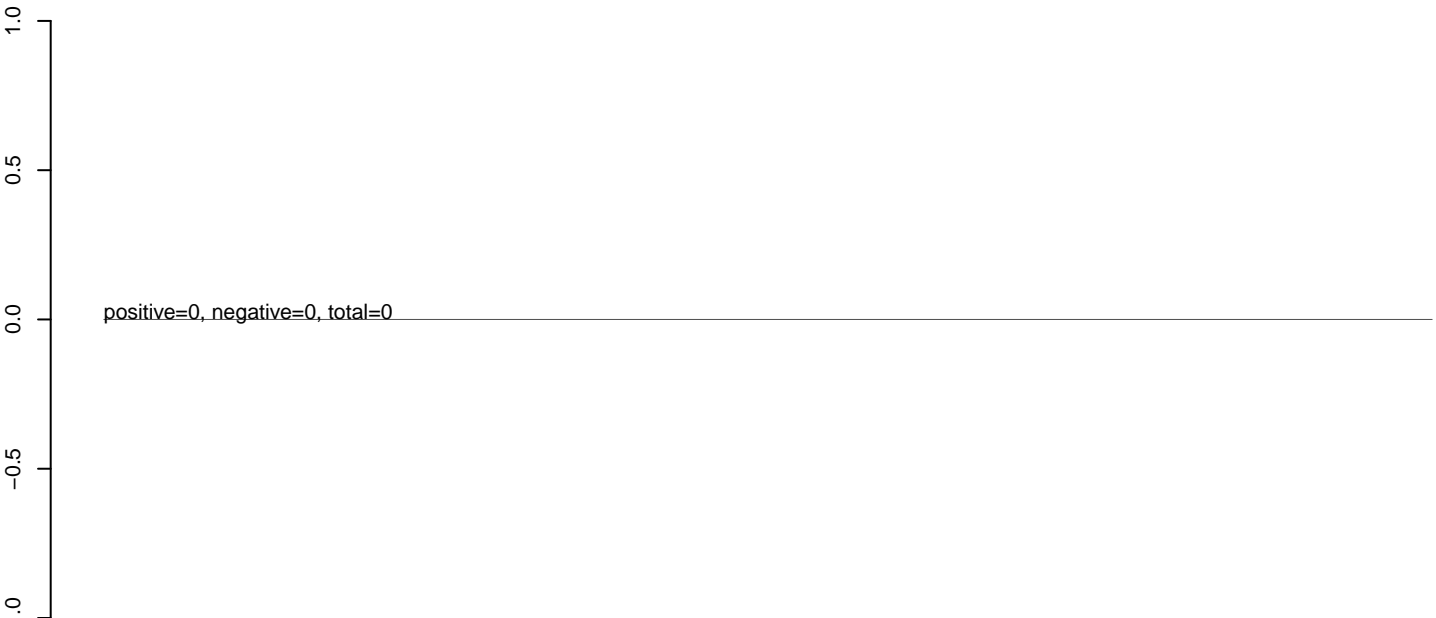


AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

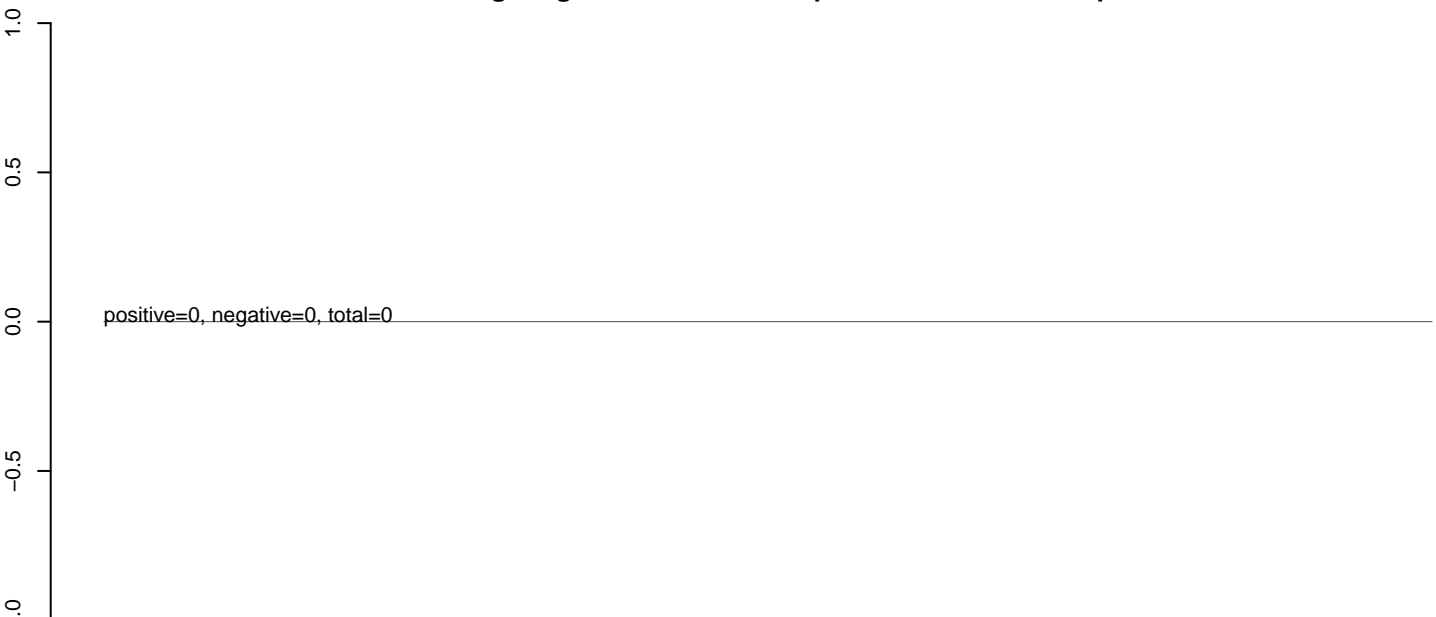


0 2000 4000 6000 8000 10000

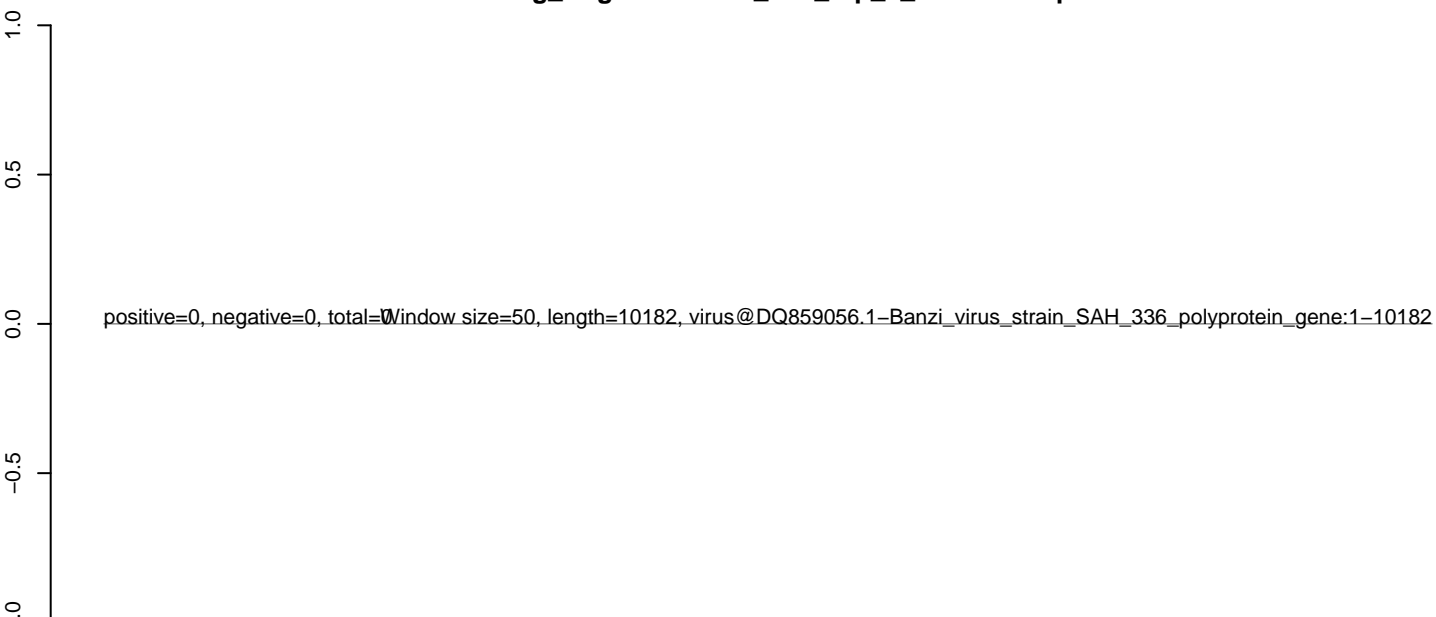
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



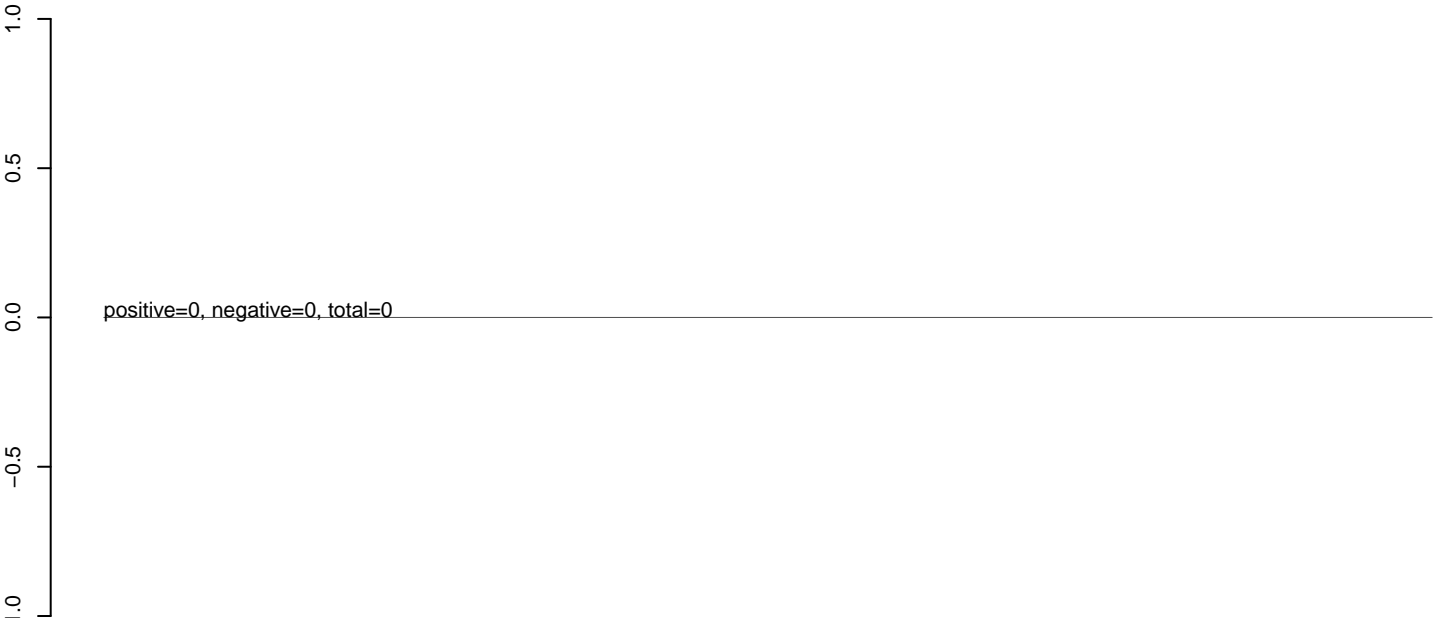
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep



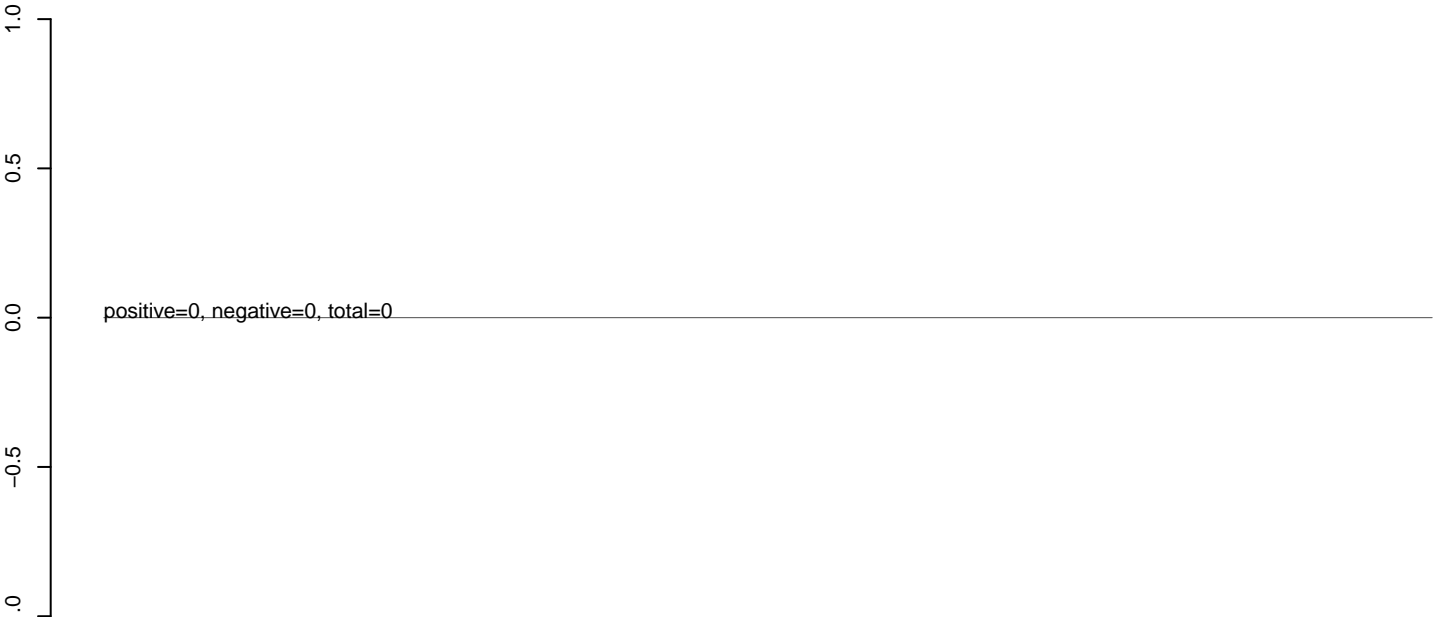
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep



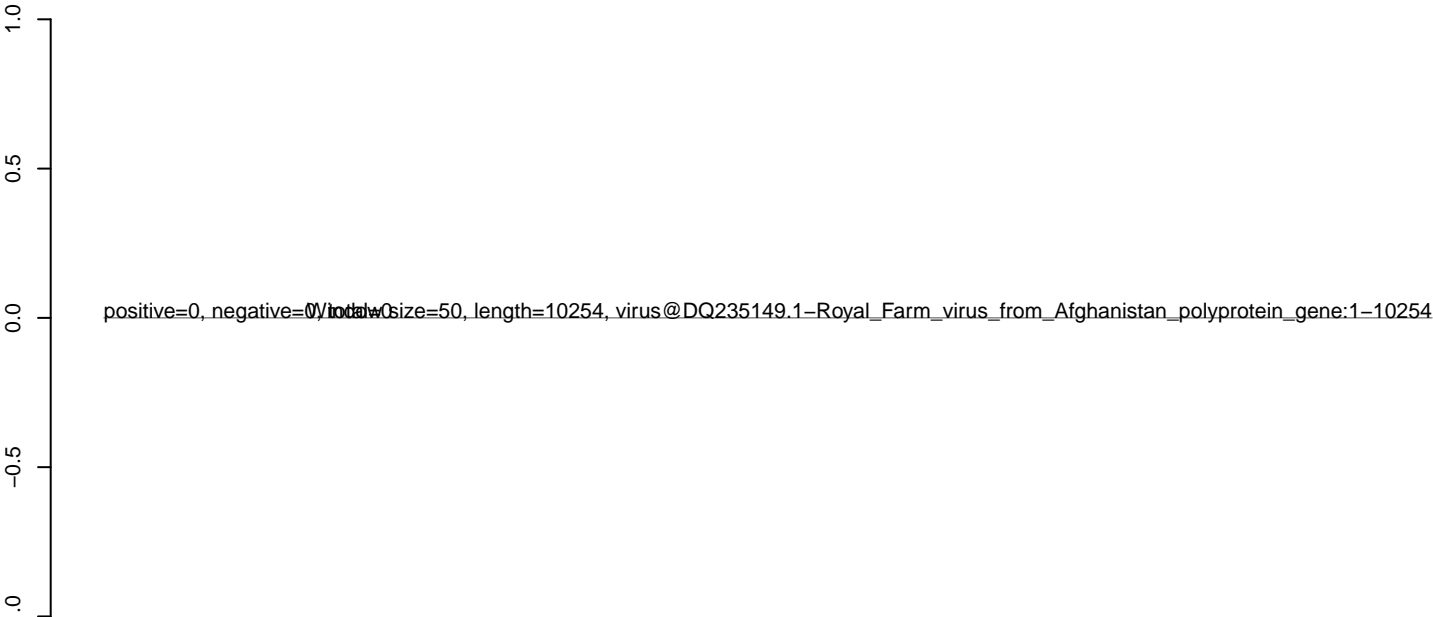
**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**

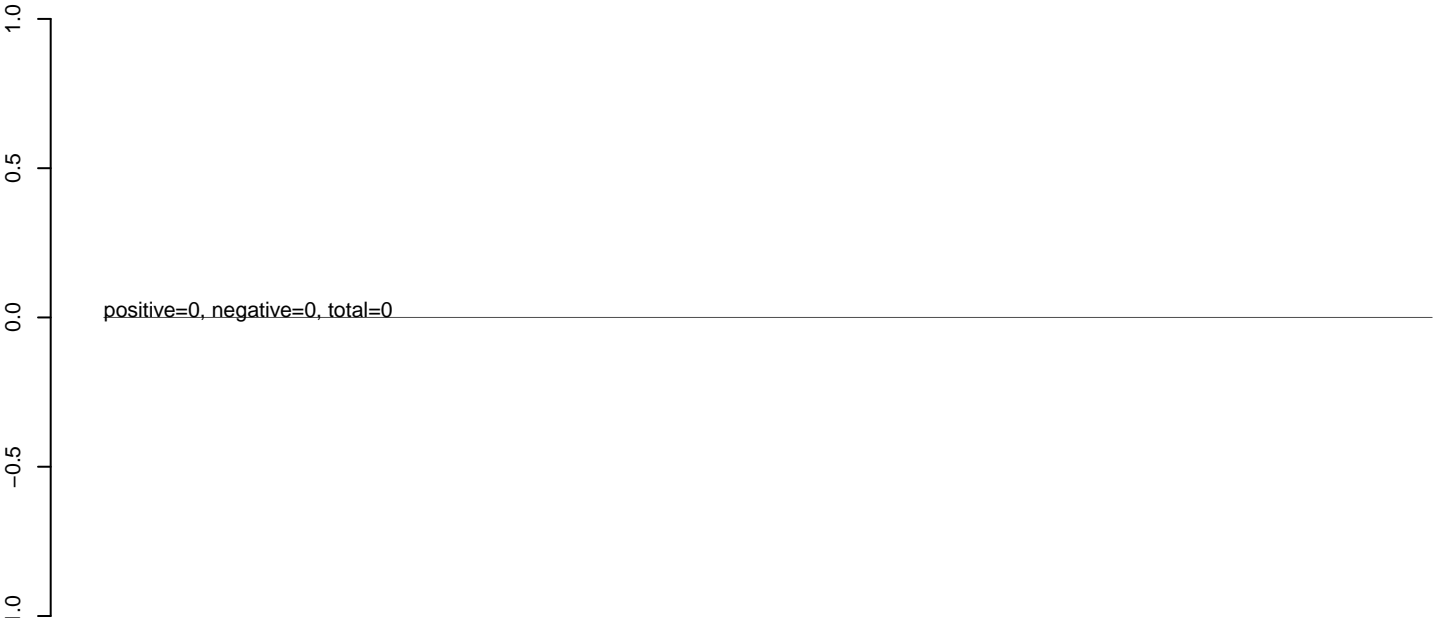


**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**

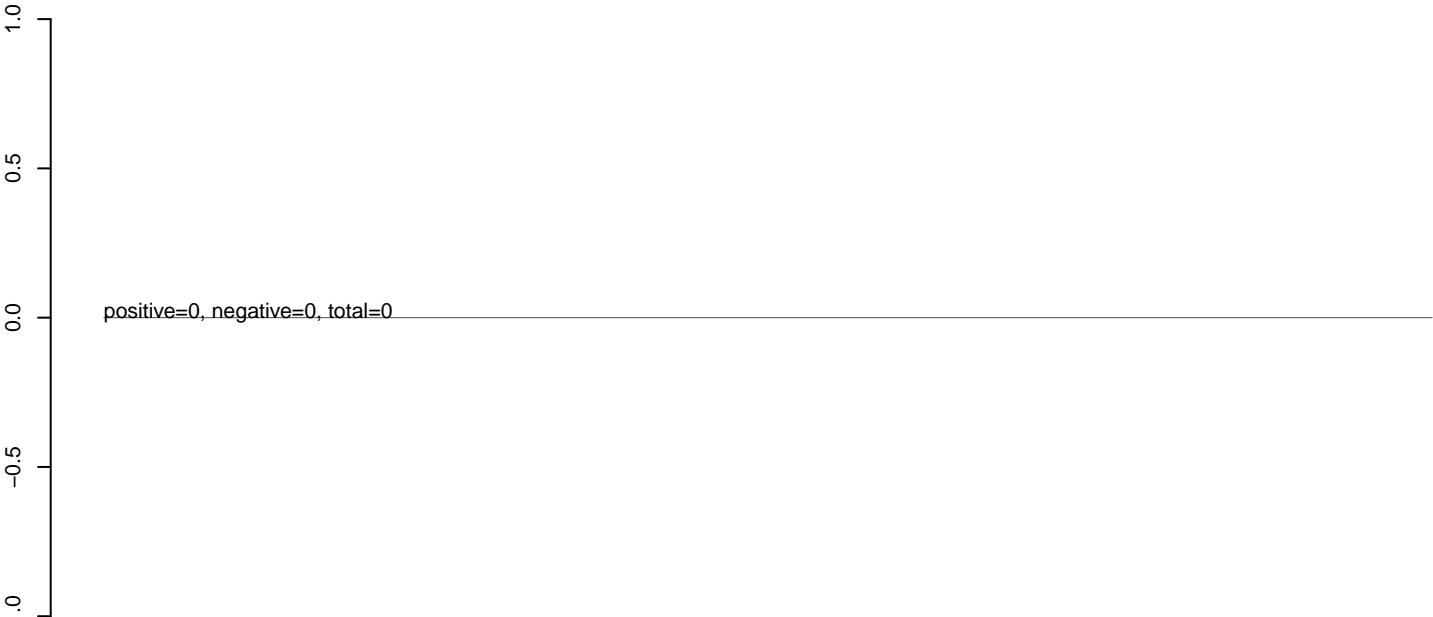


0 2000 4000 6000 8000 10000

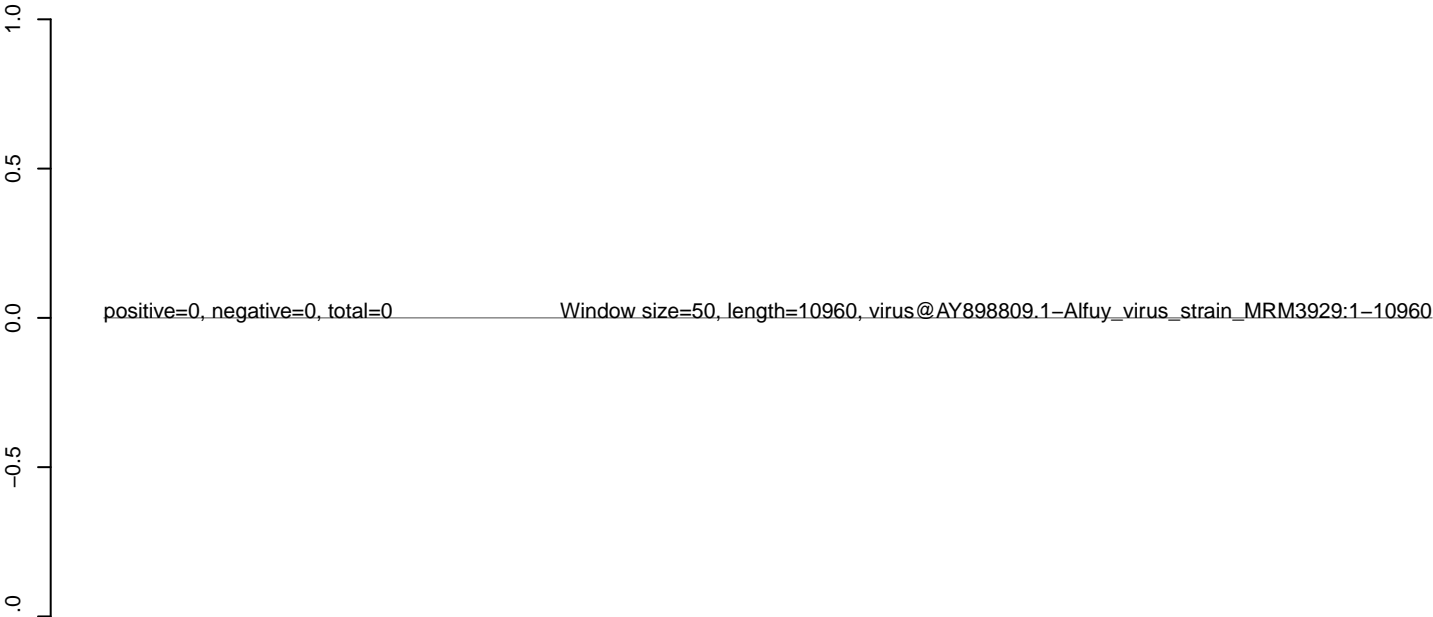
AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.18\_23.rep



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AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep

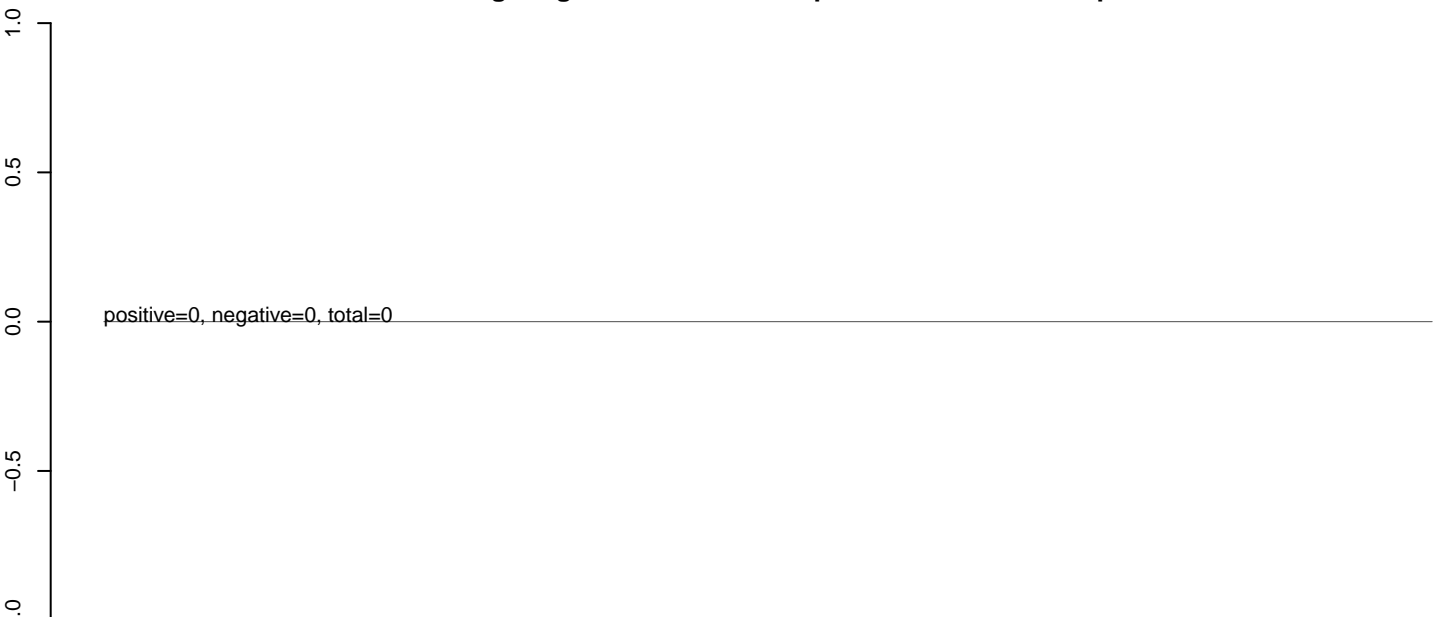


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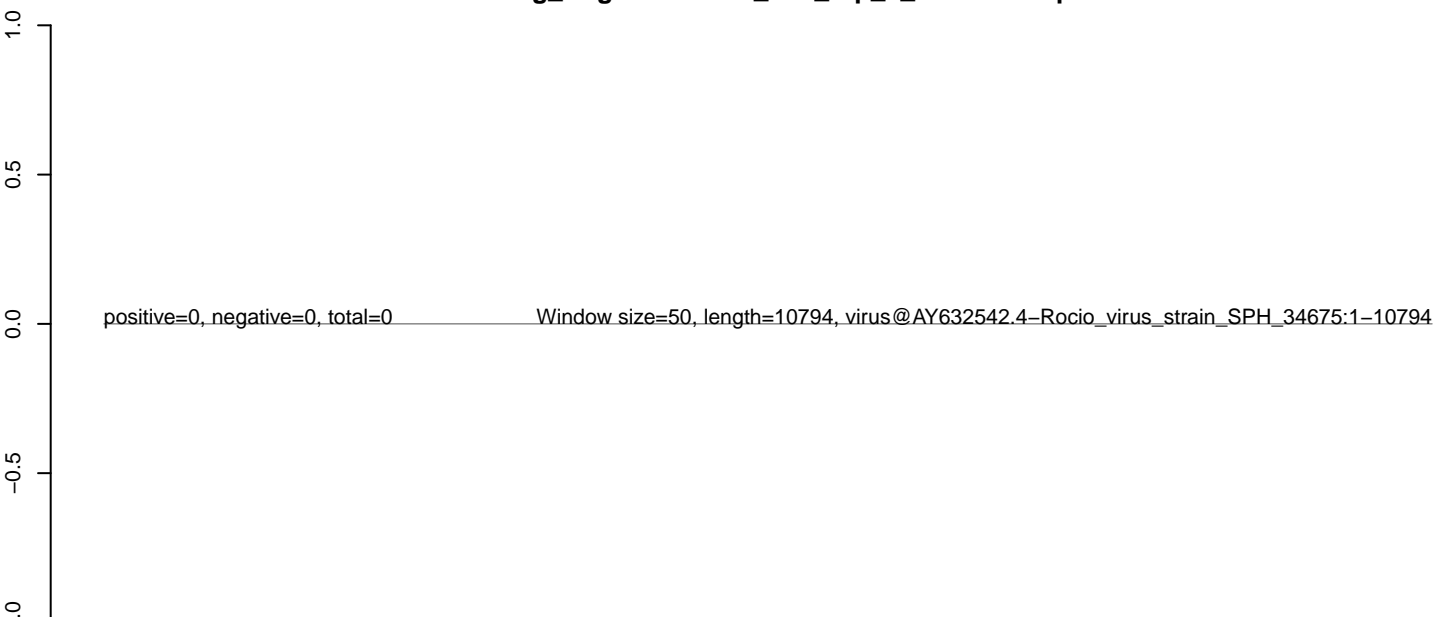
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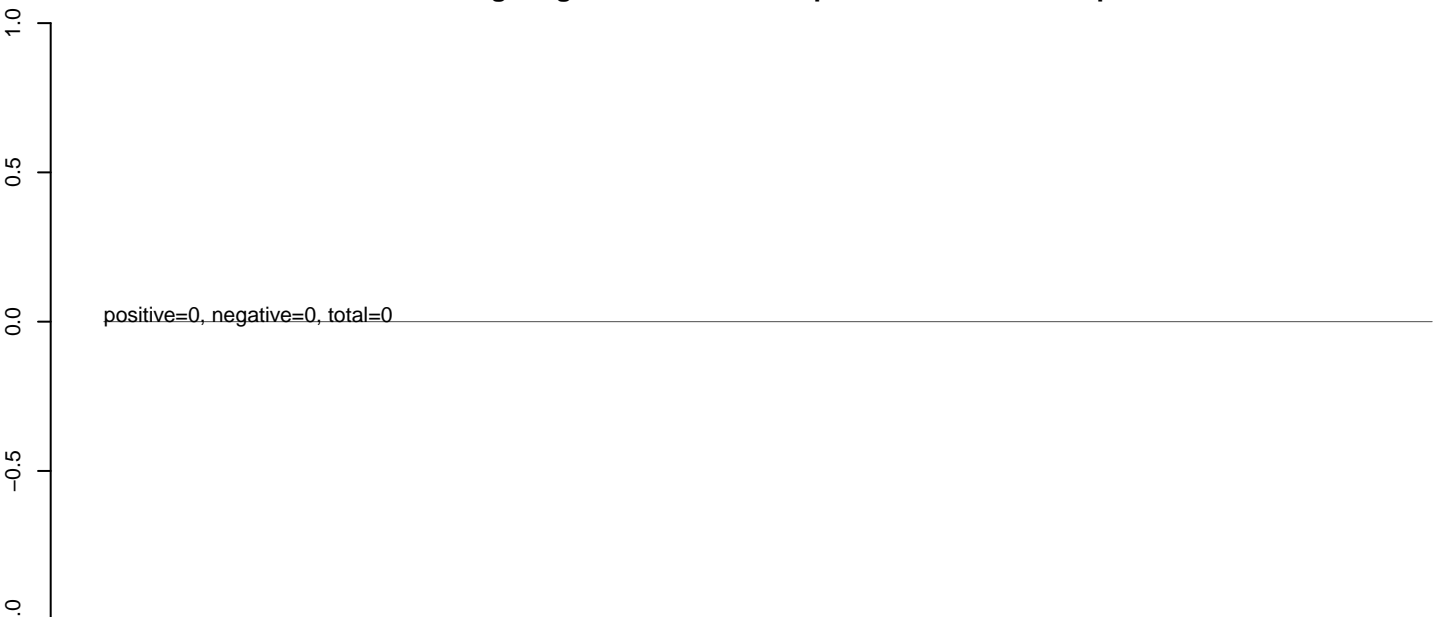


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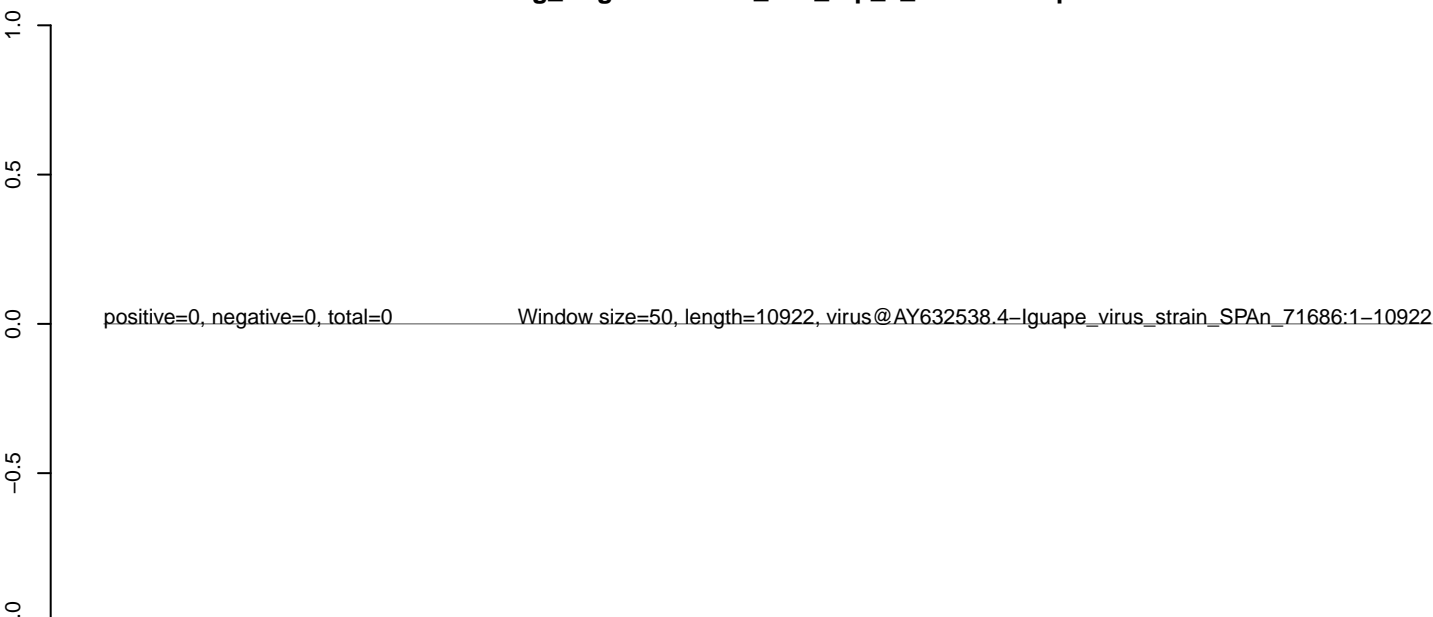
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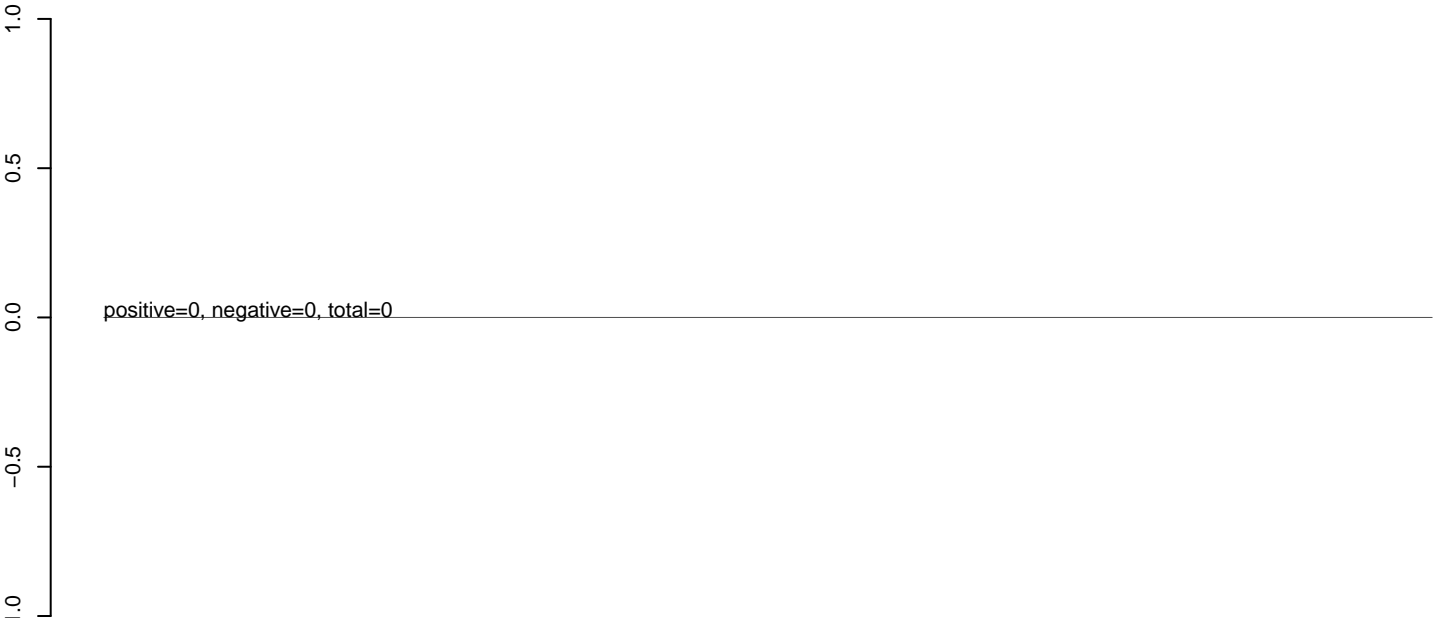


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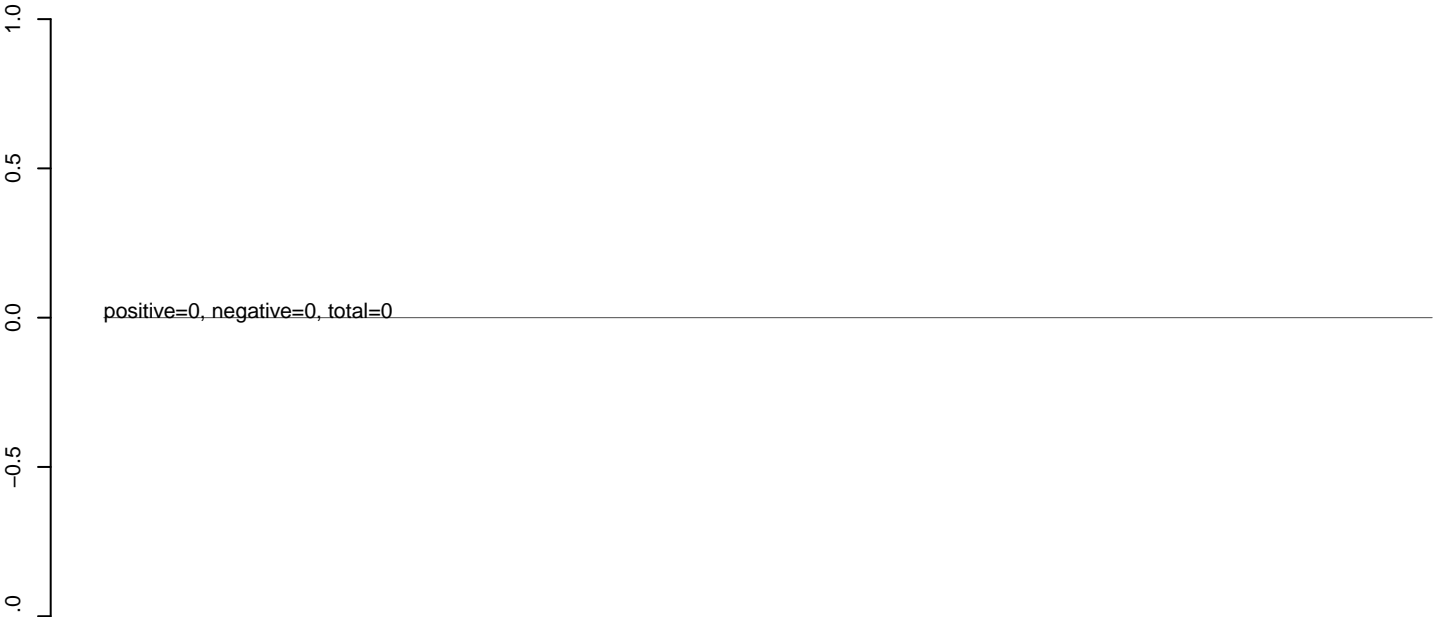


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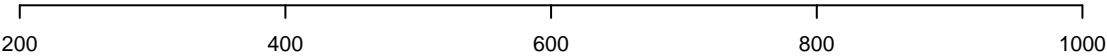
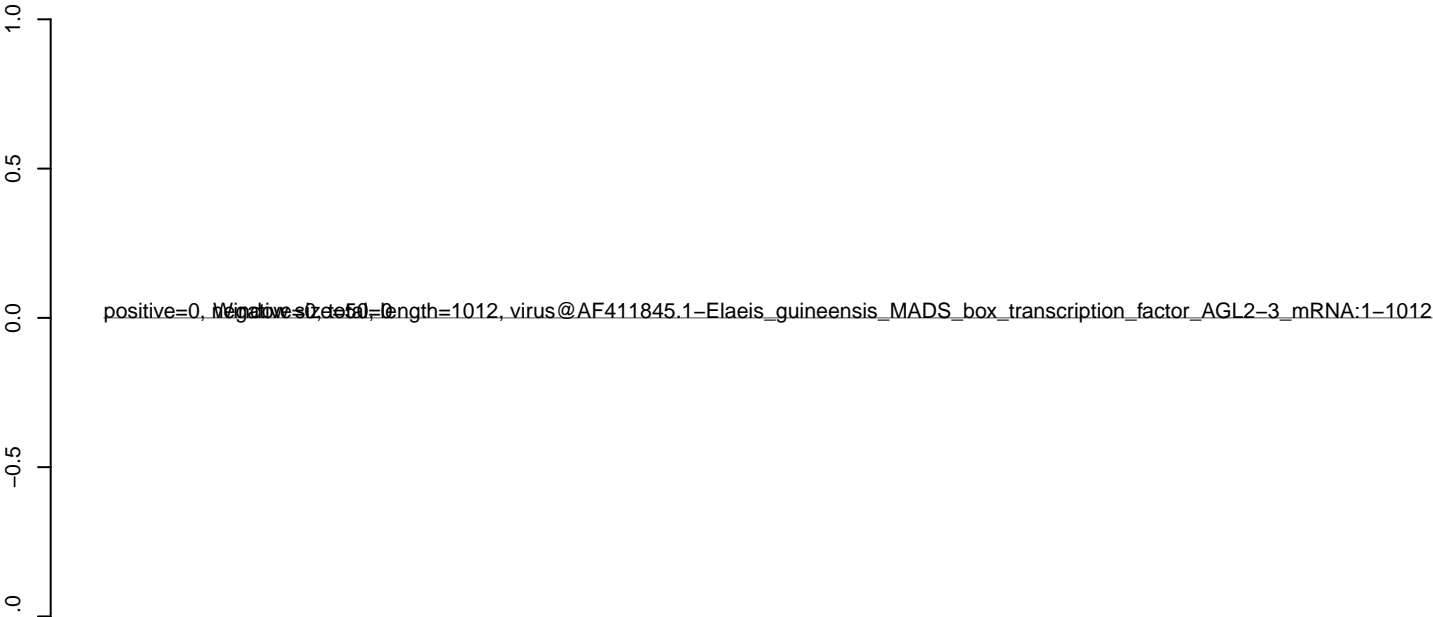
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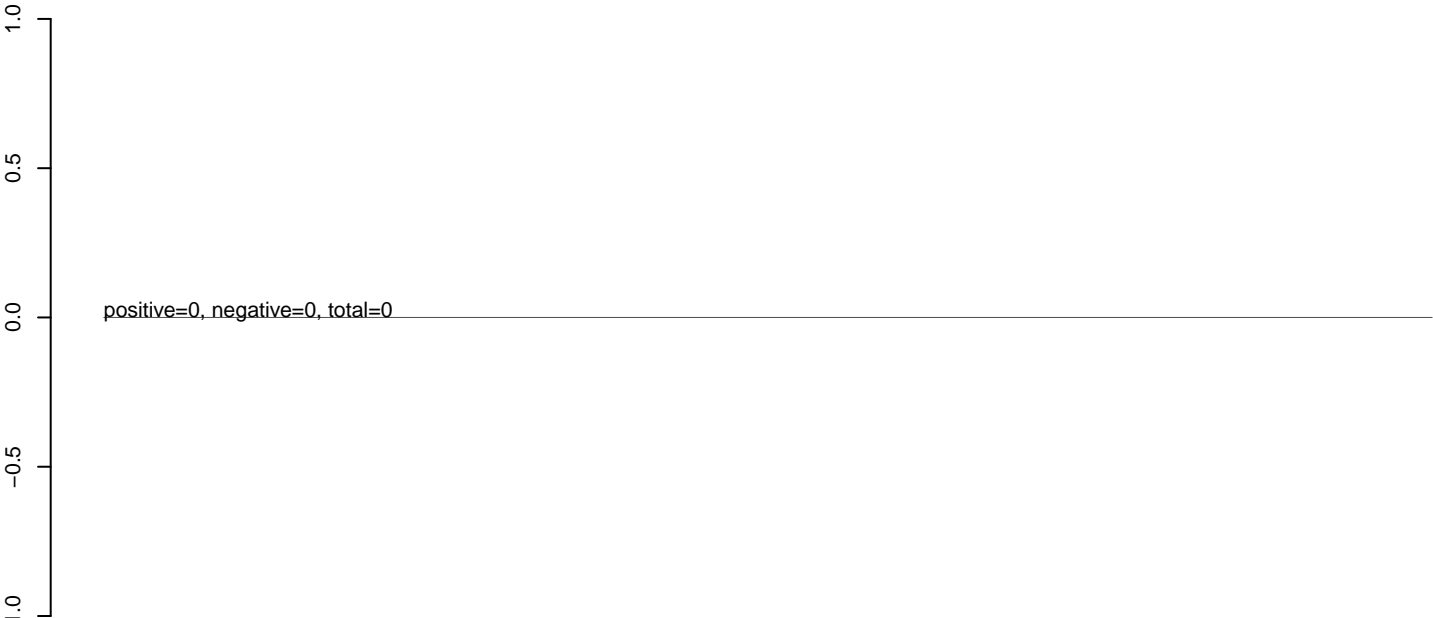


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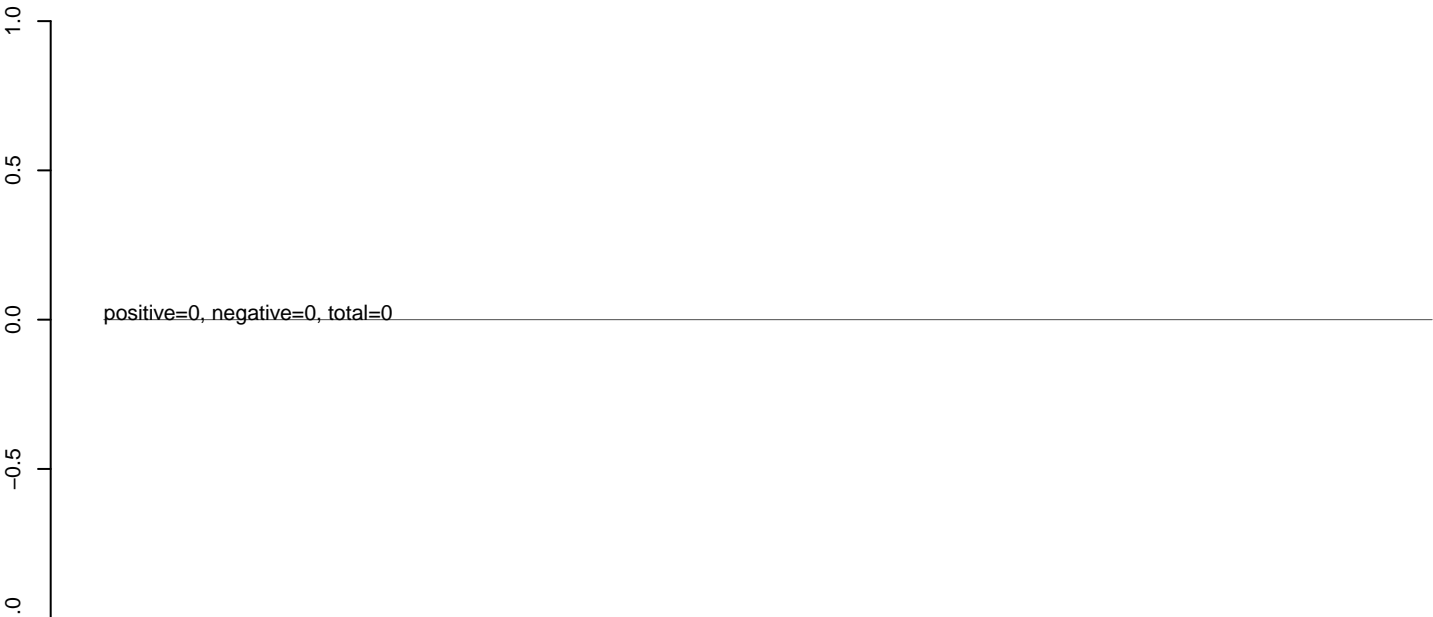




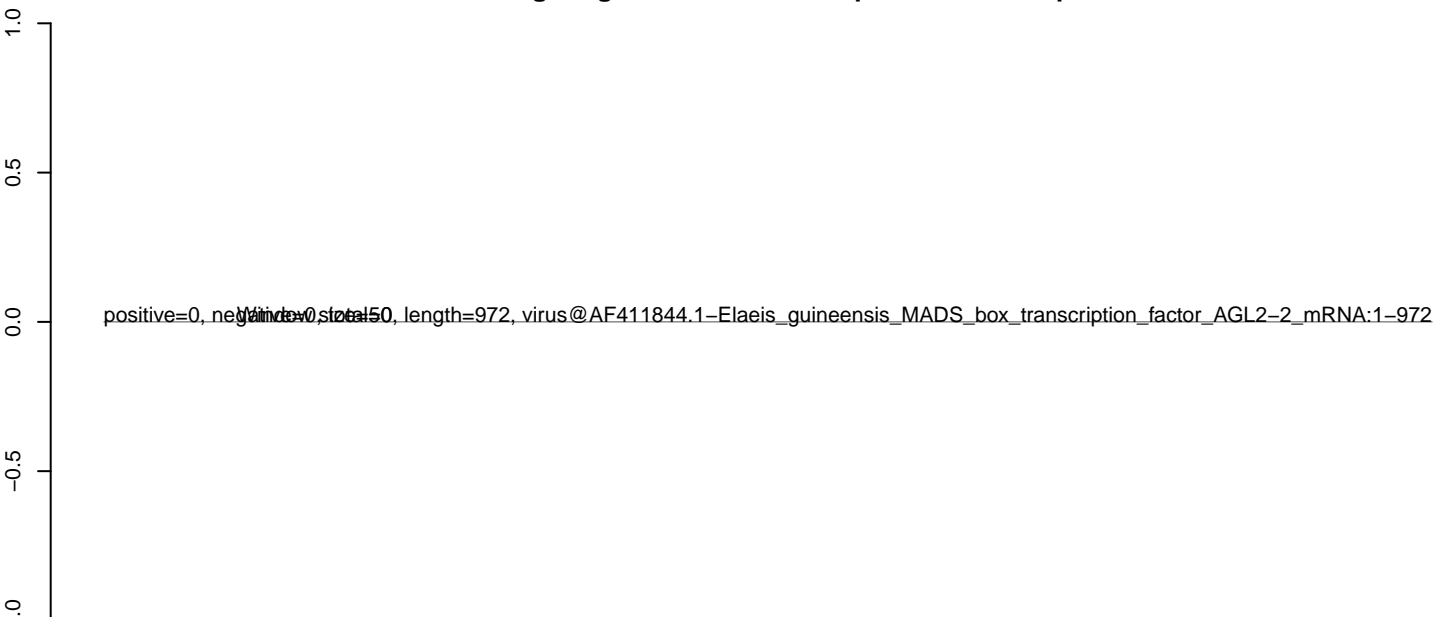
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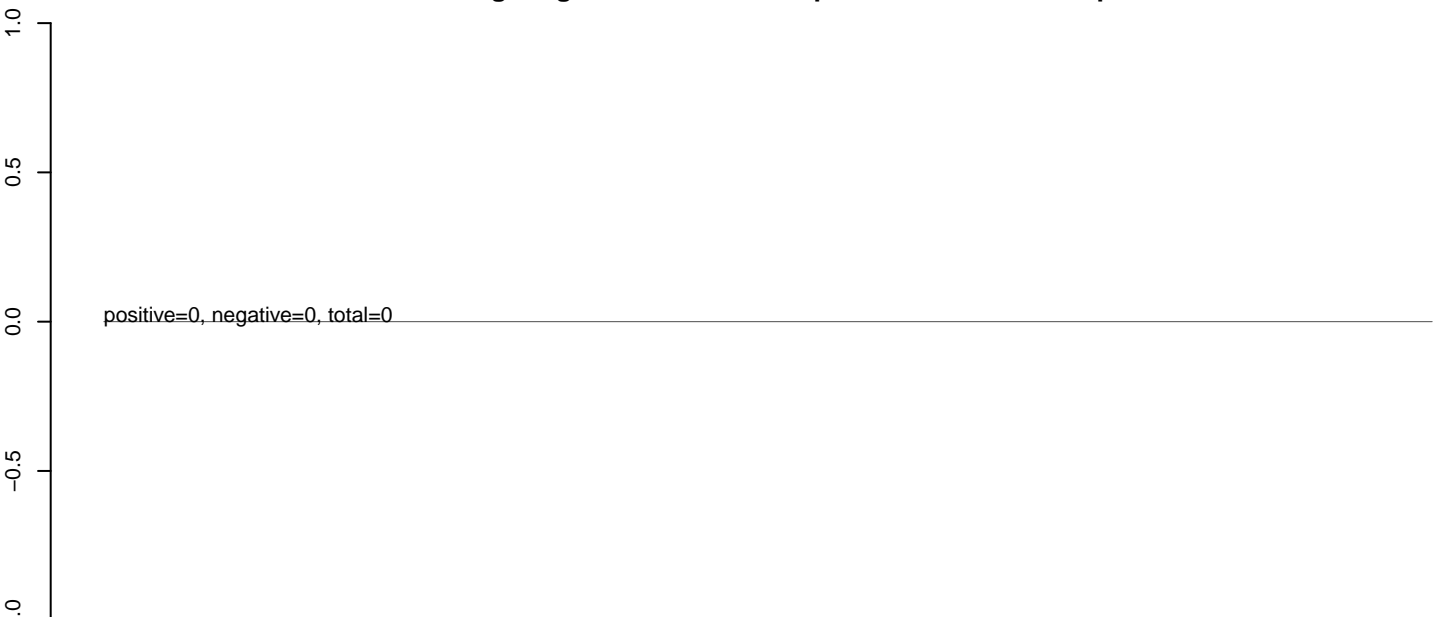
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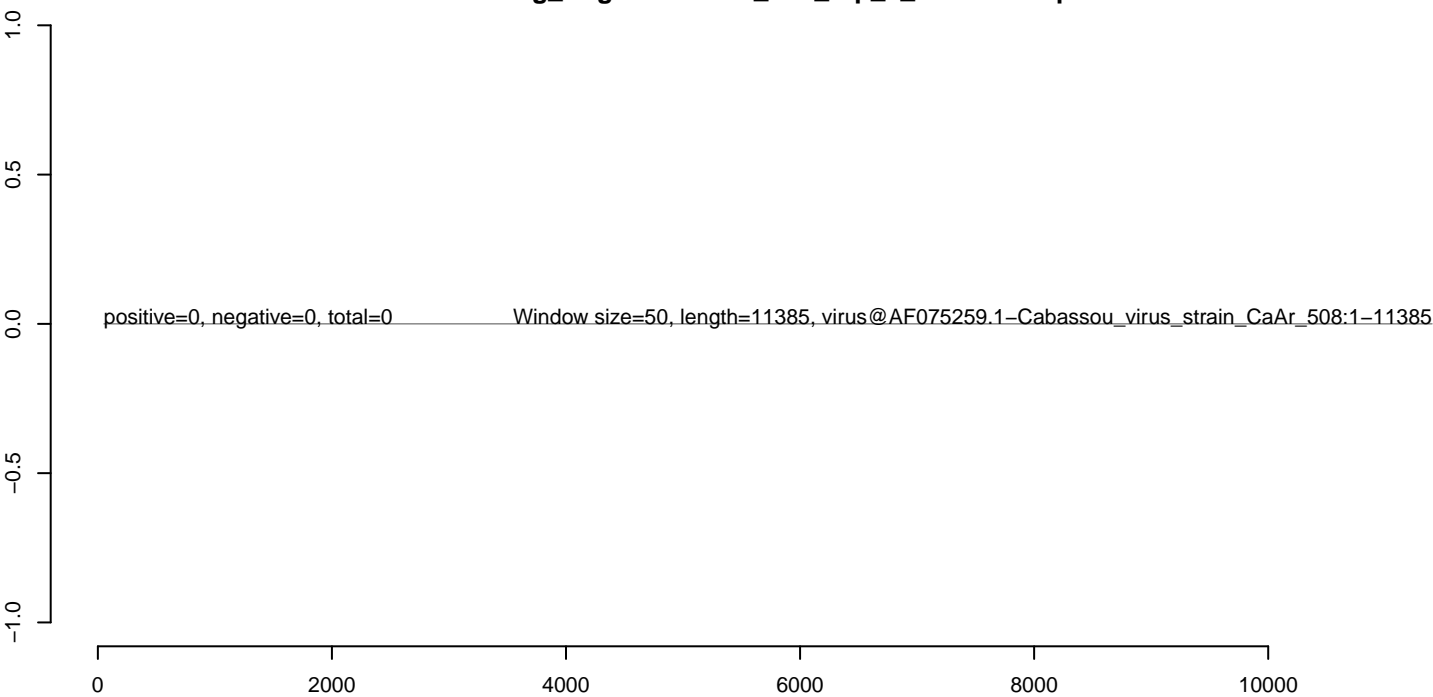
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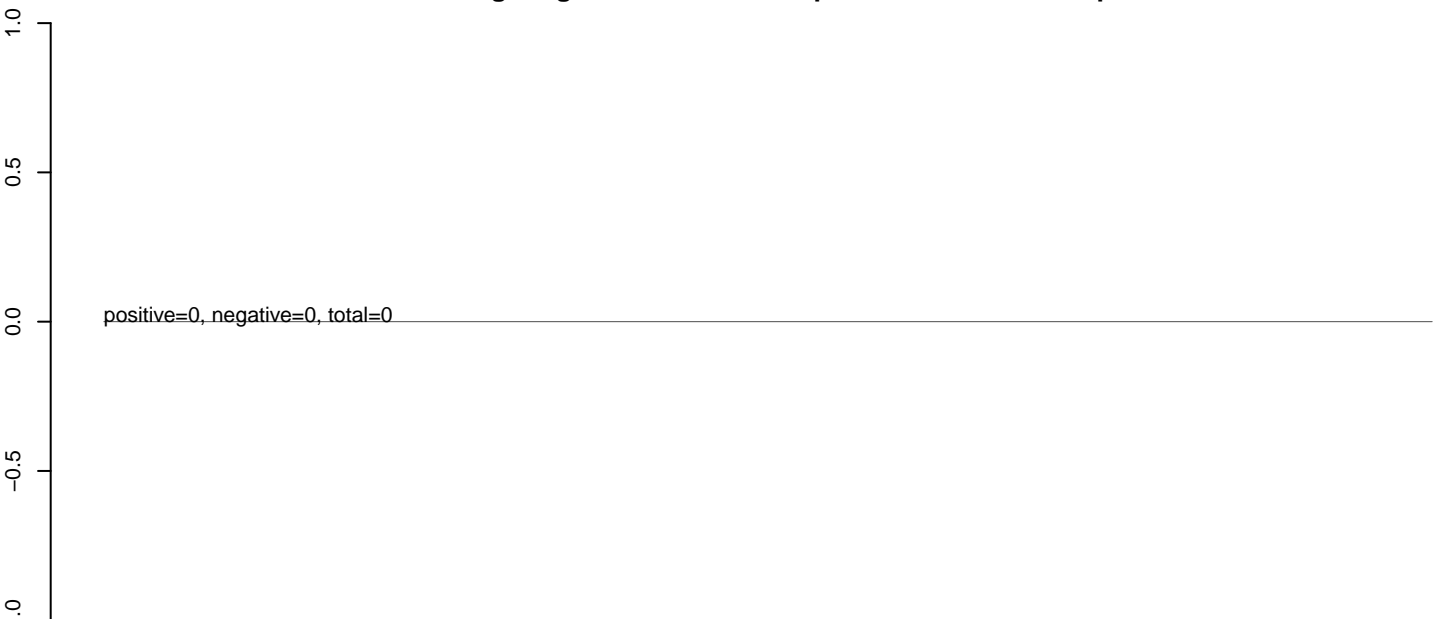
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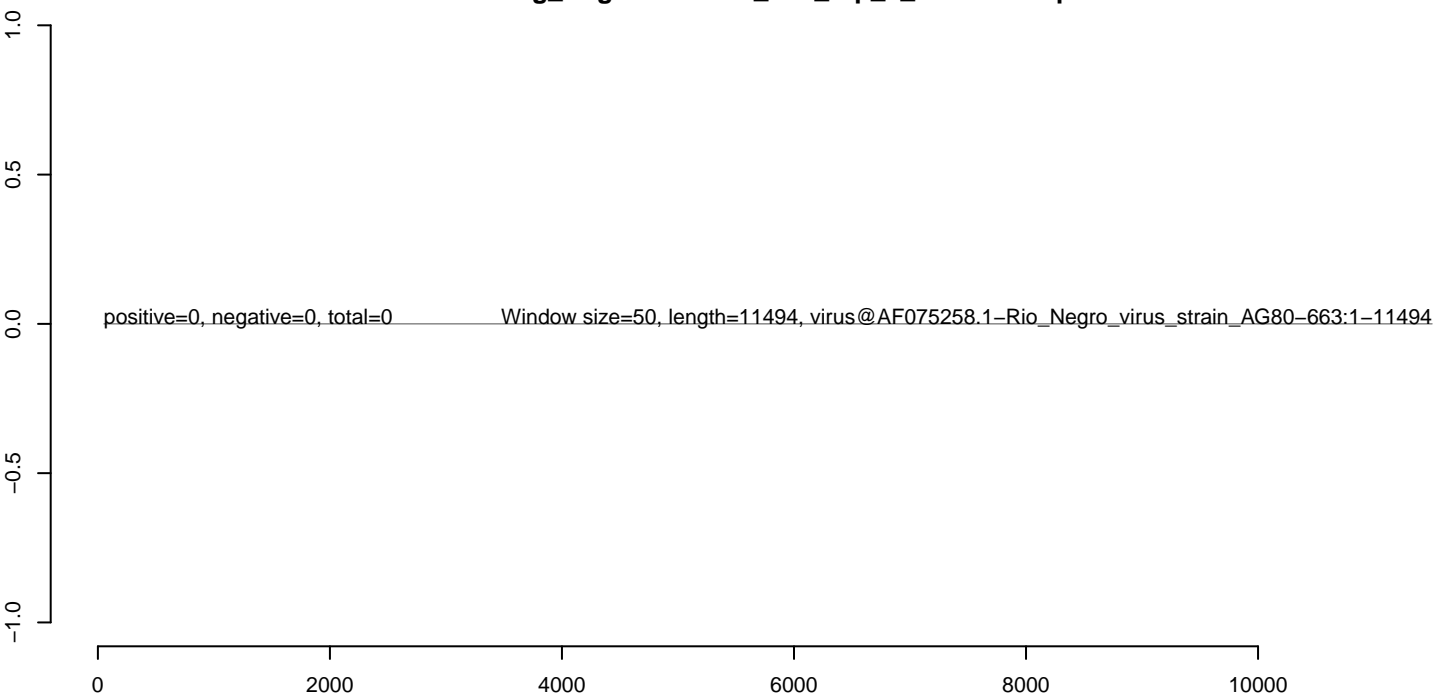
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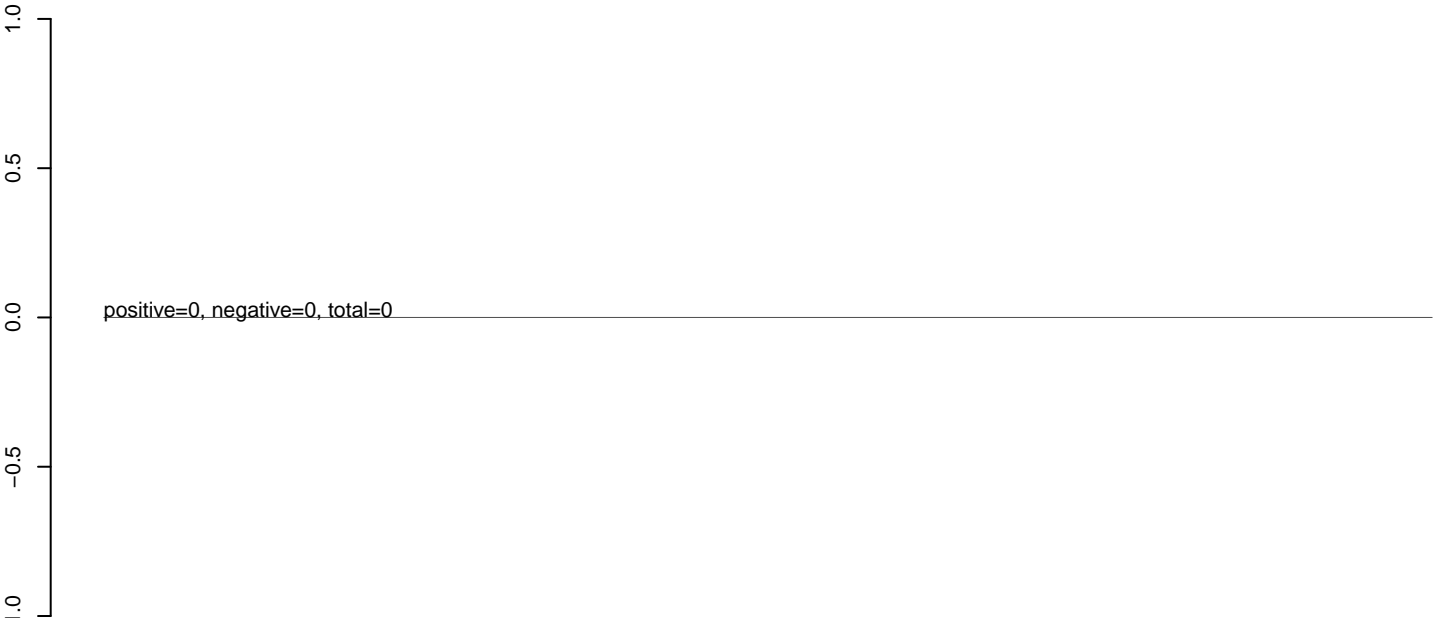
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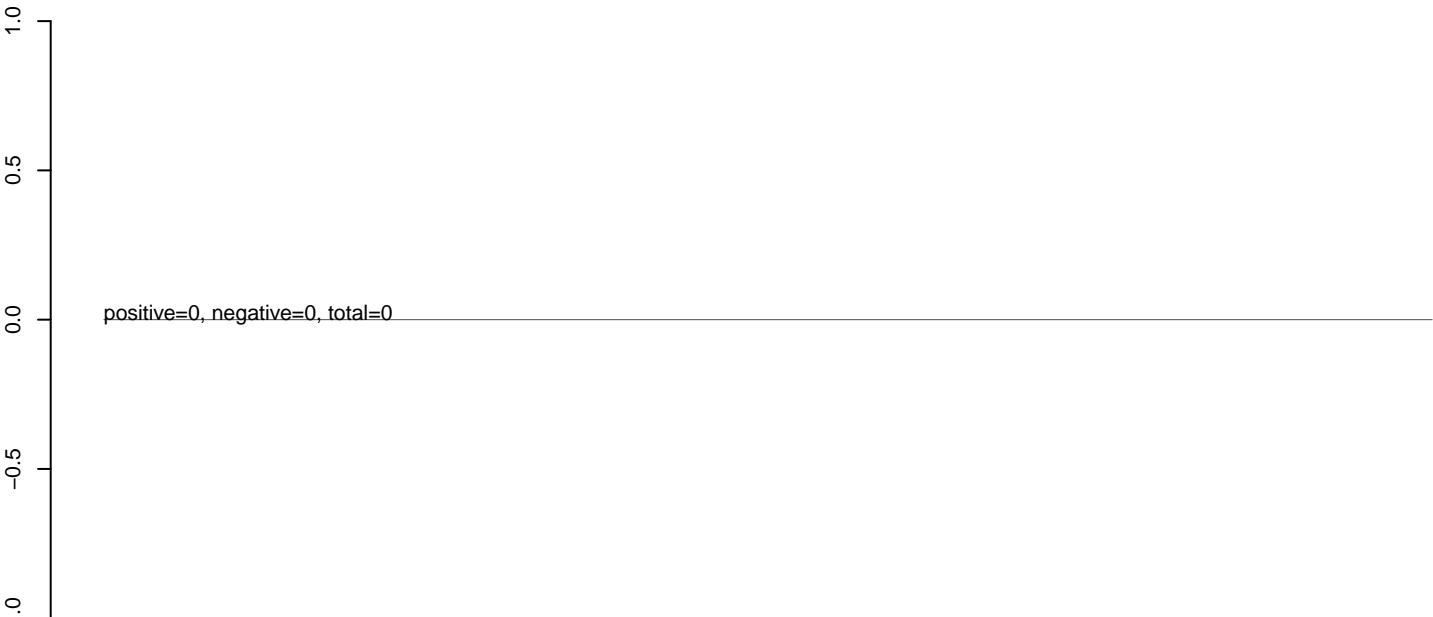
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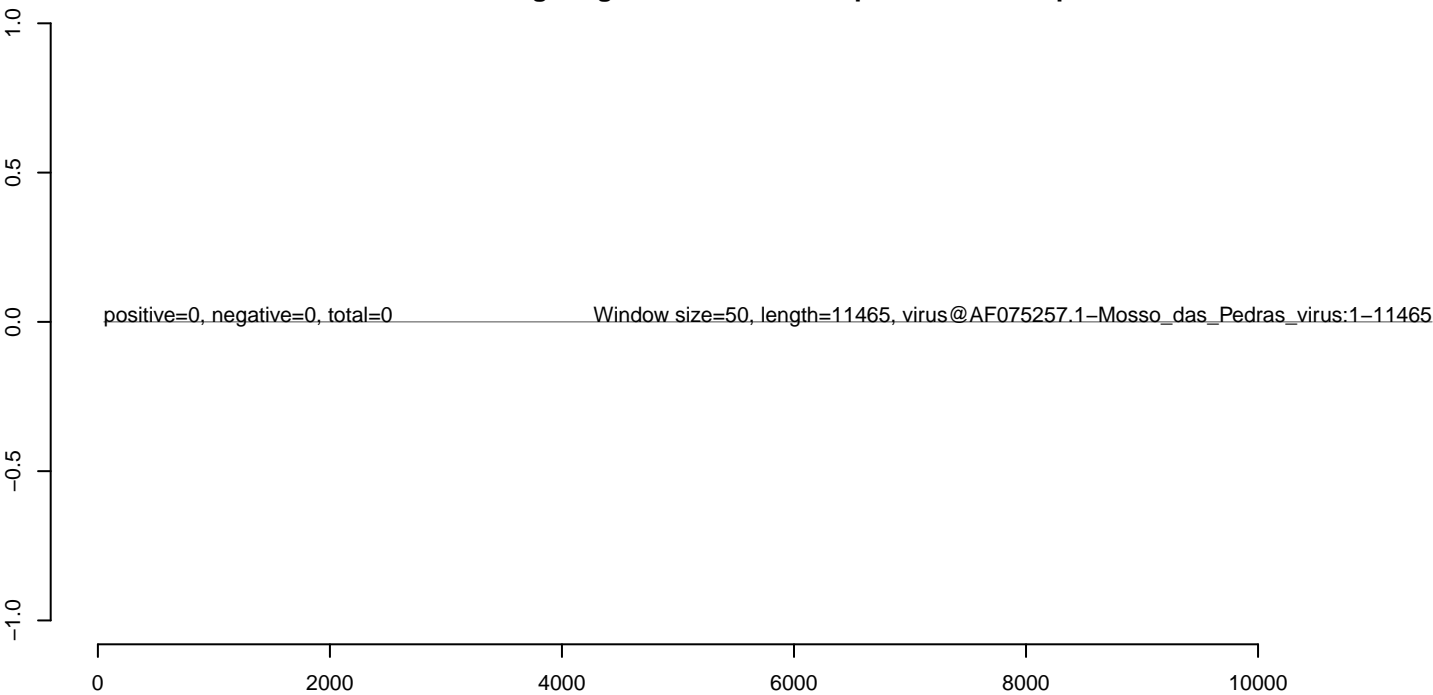
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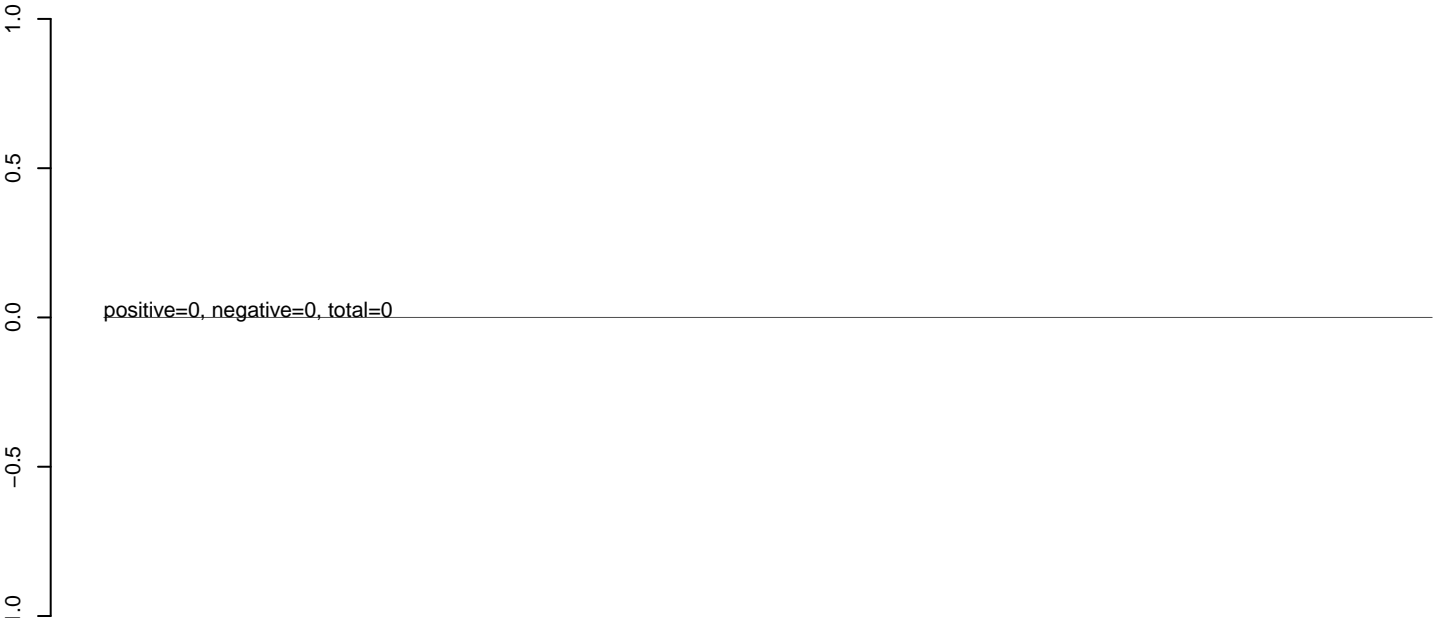
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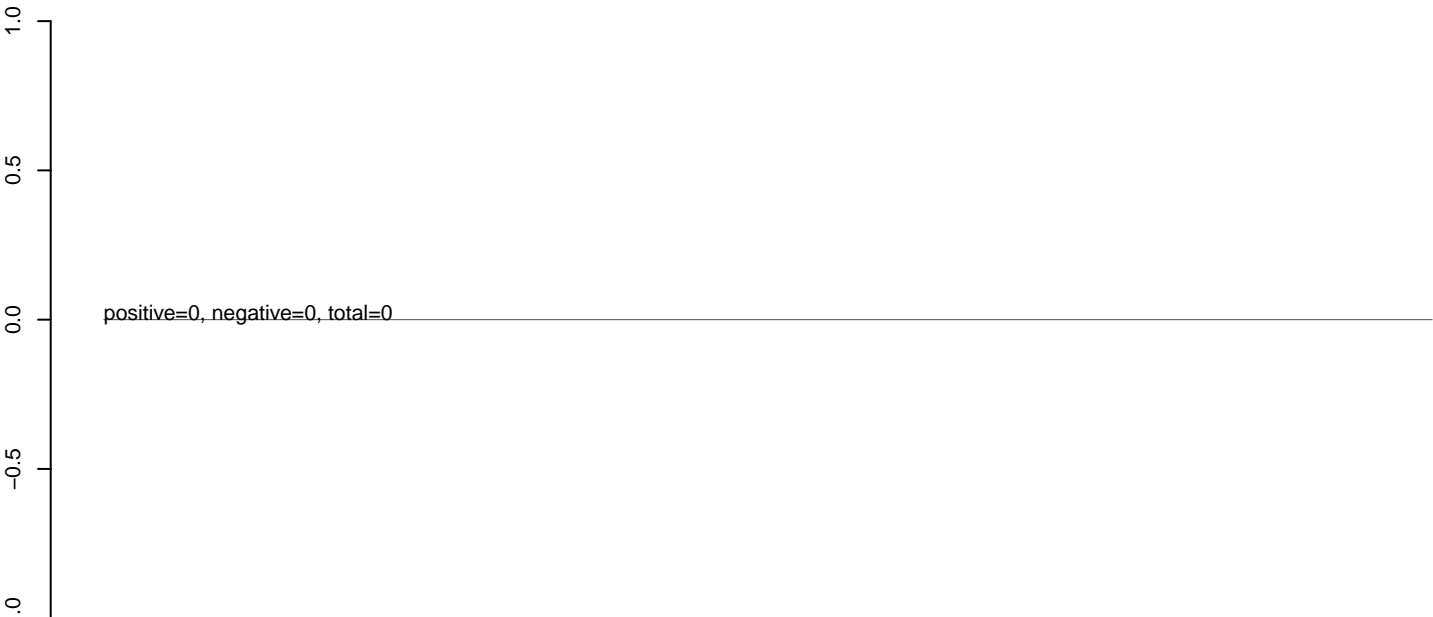
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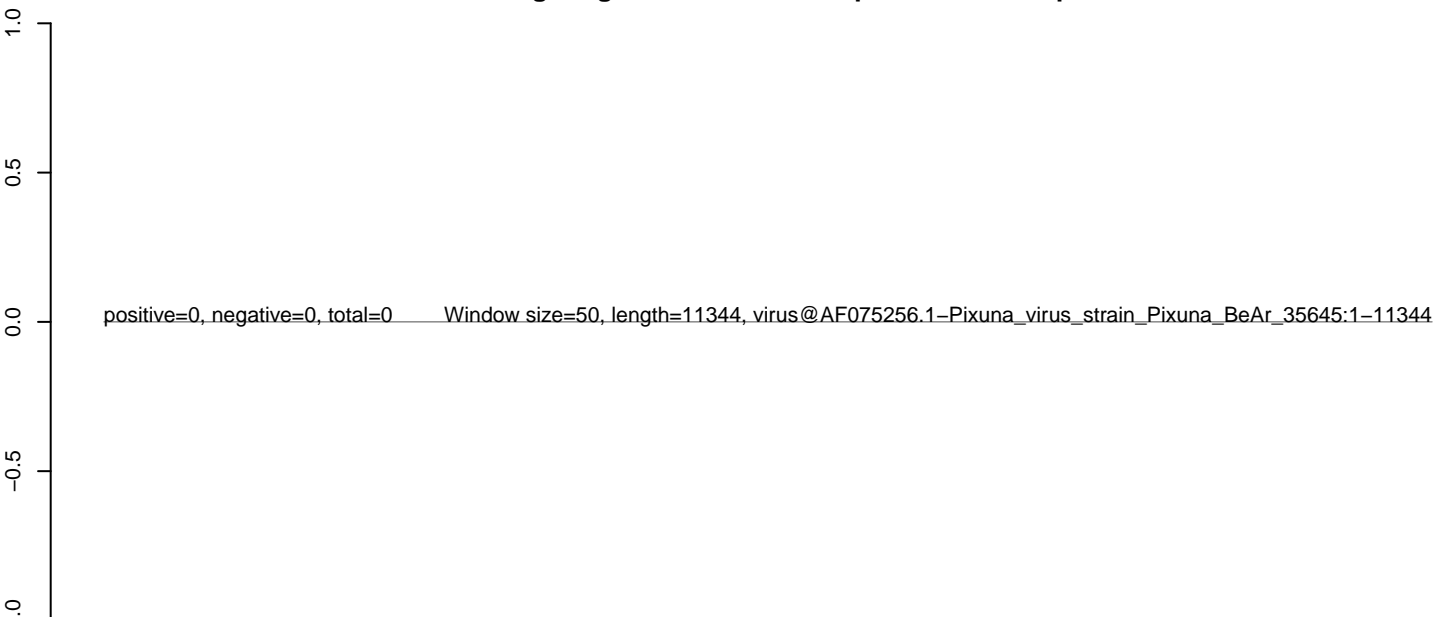
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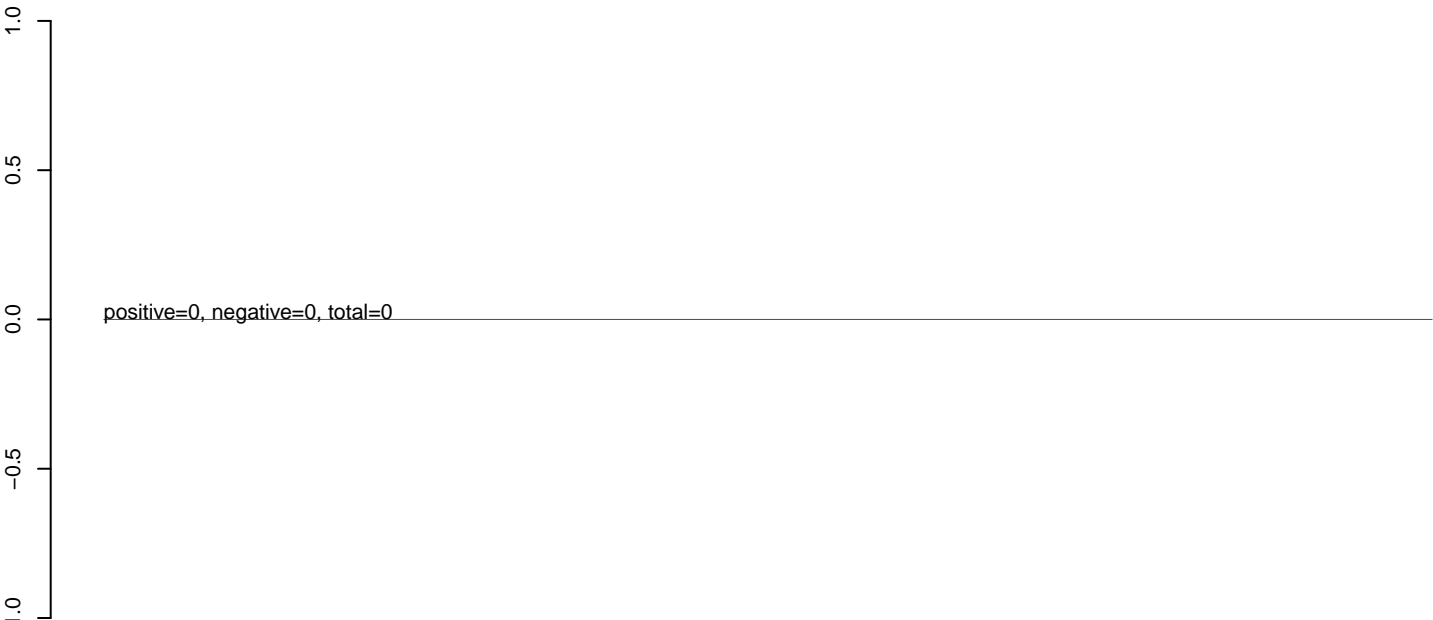


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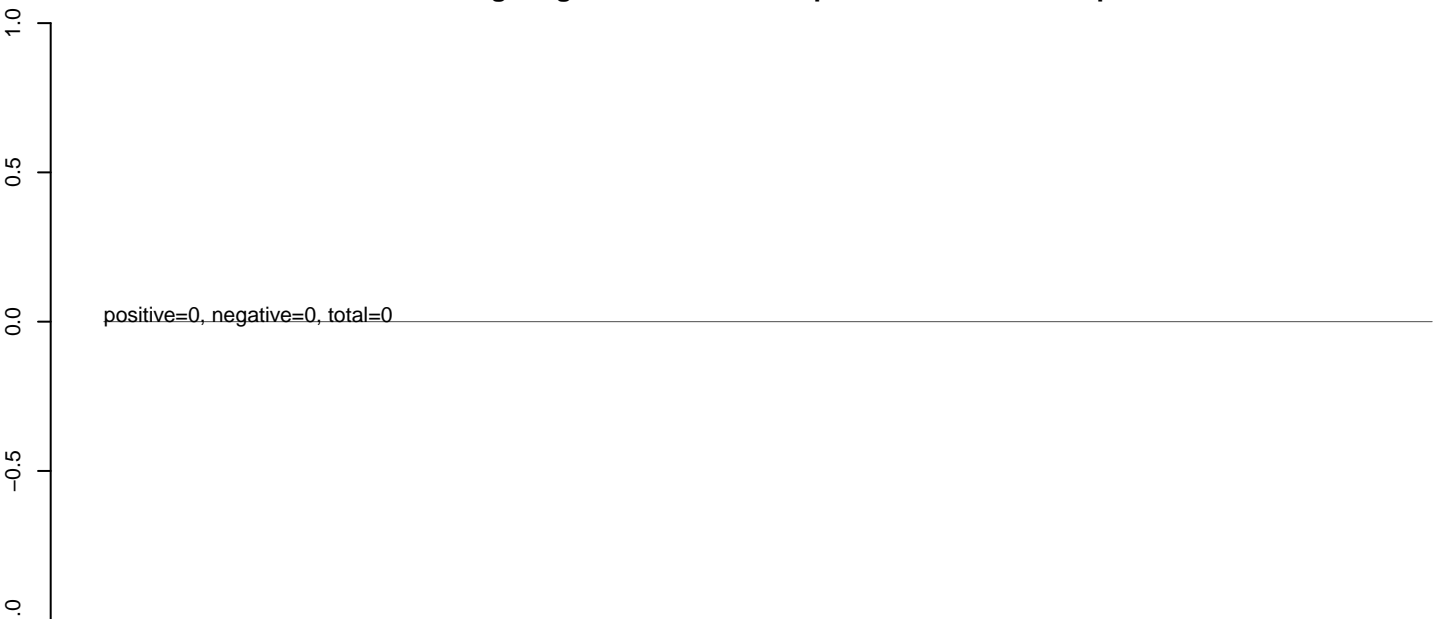


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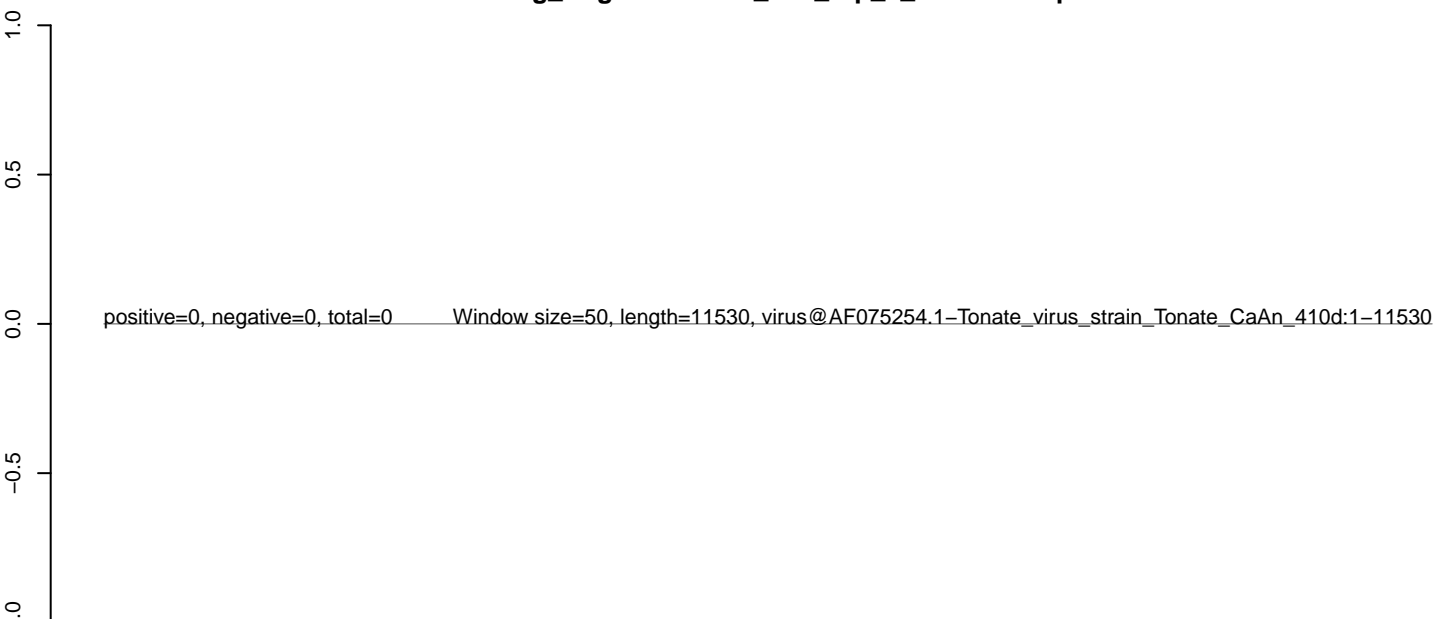
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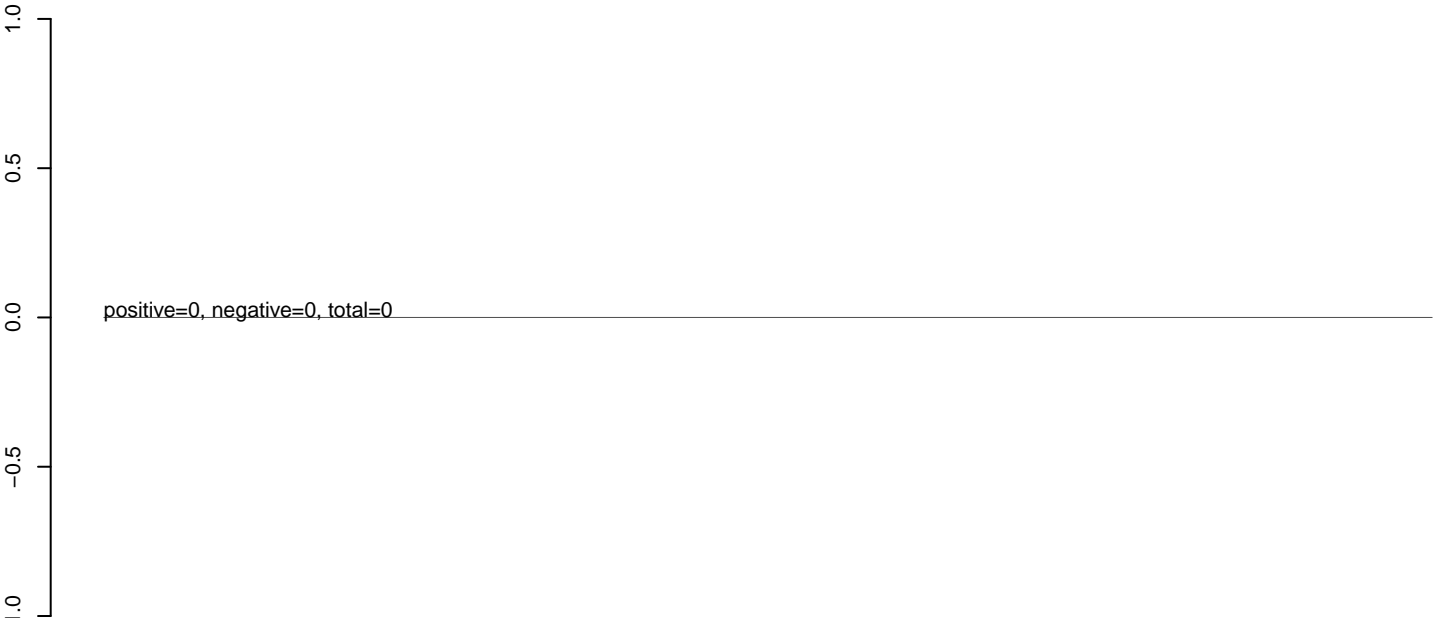
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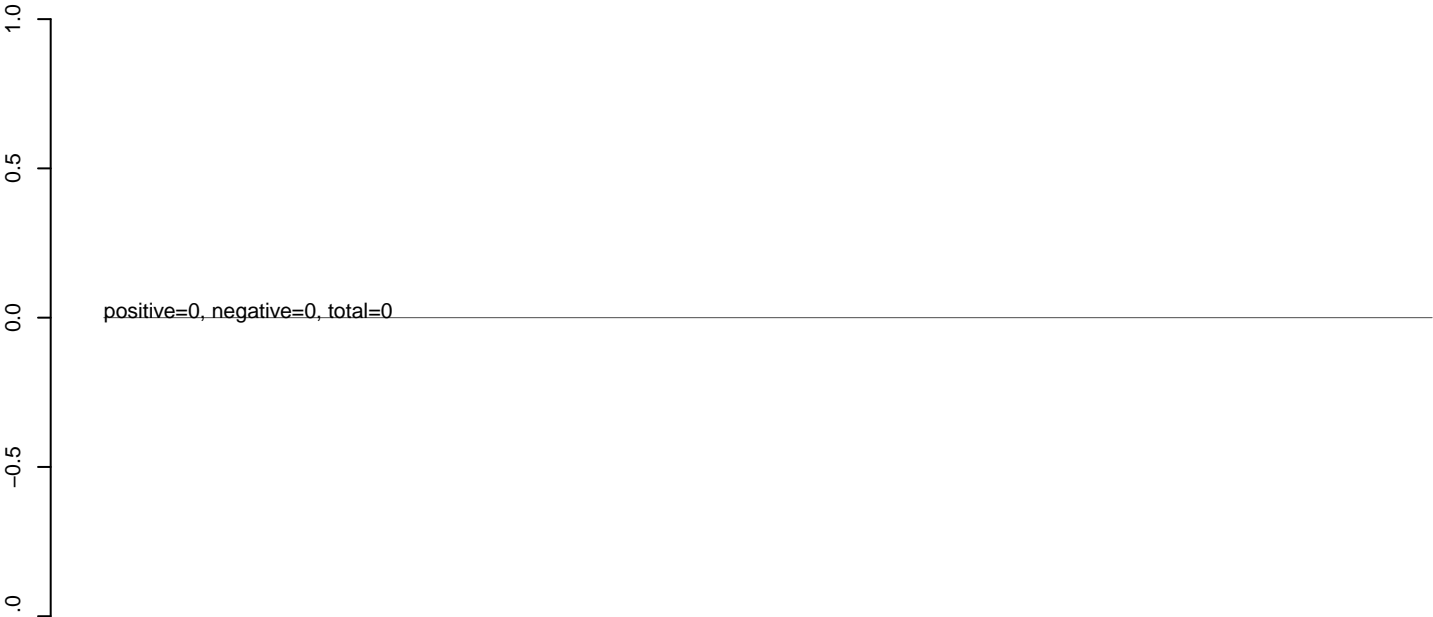
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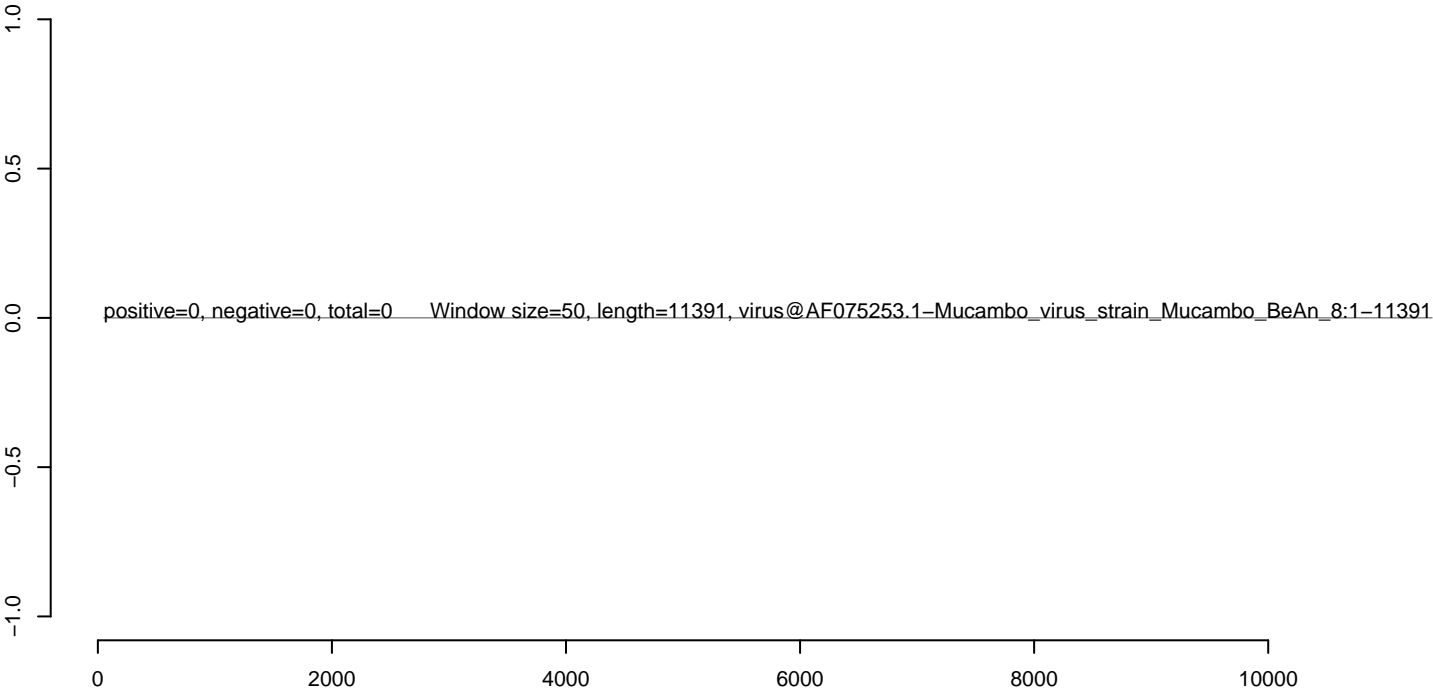
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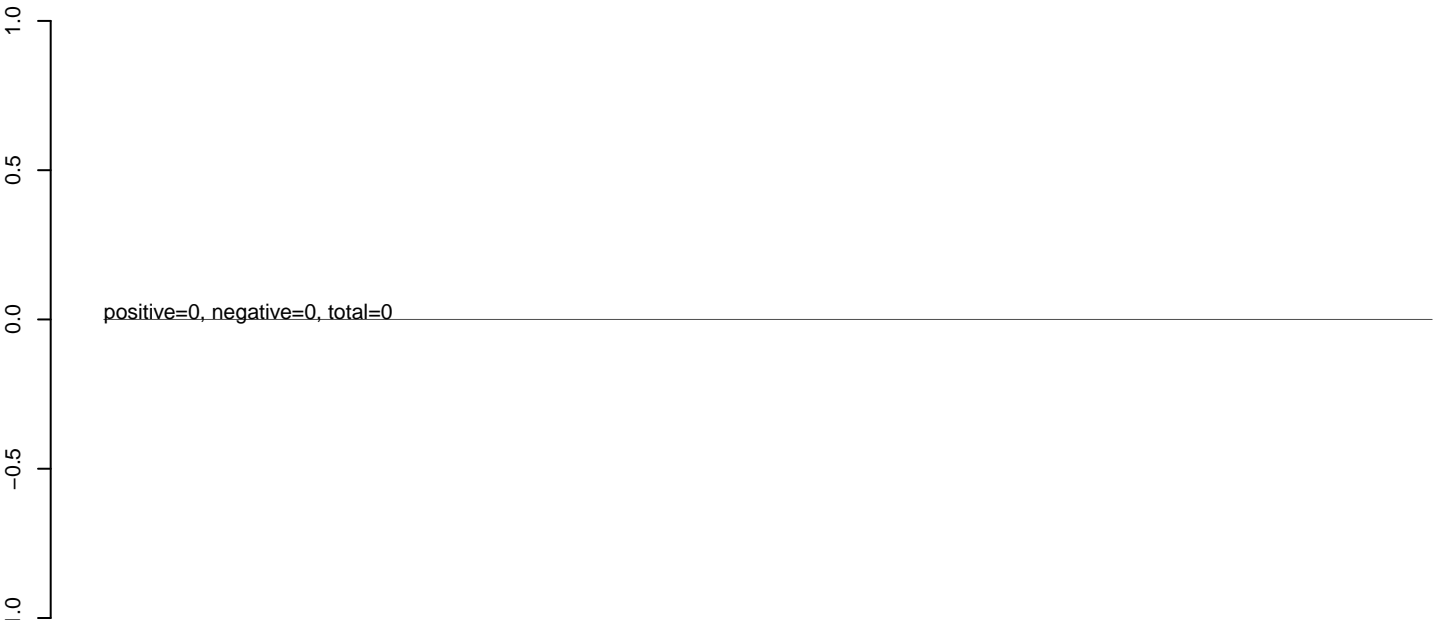
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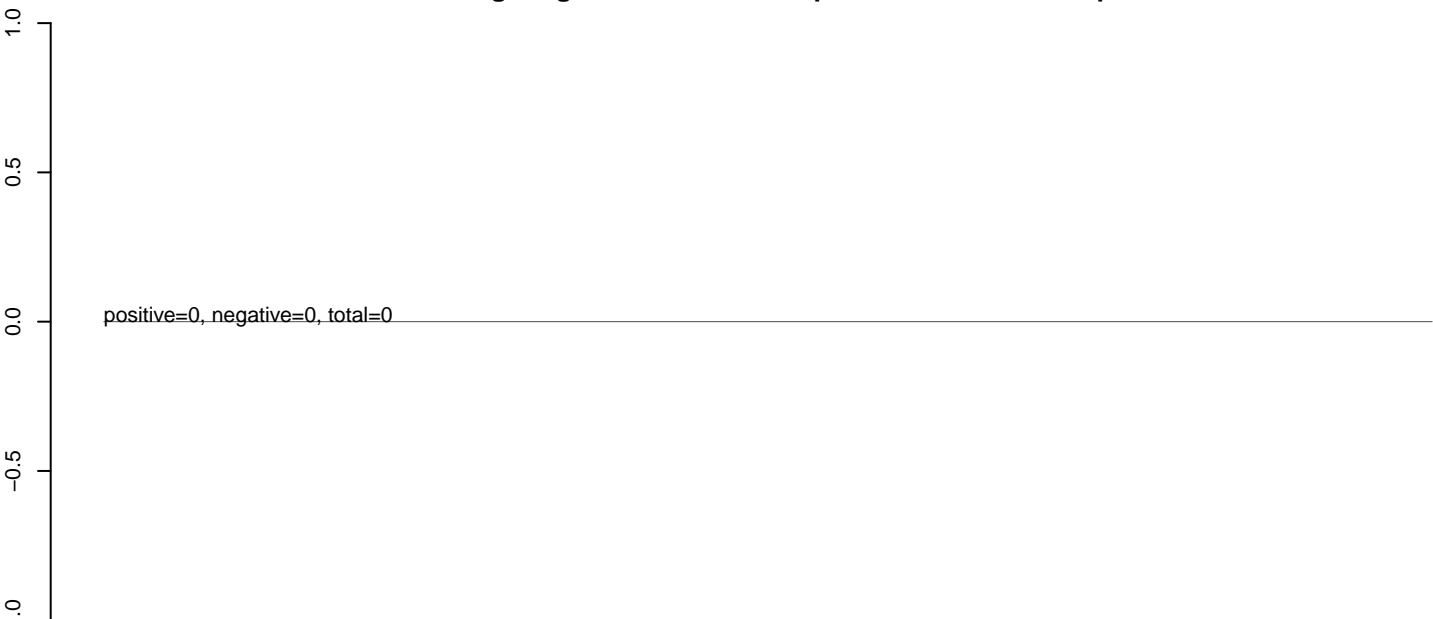
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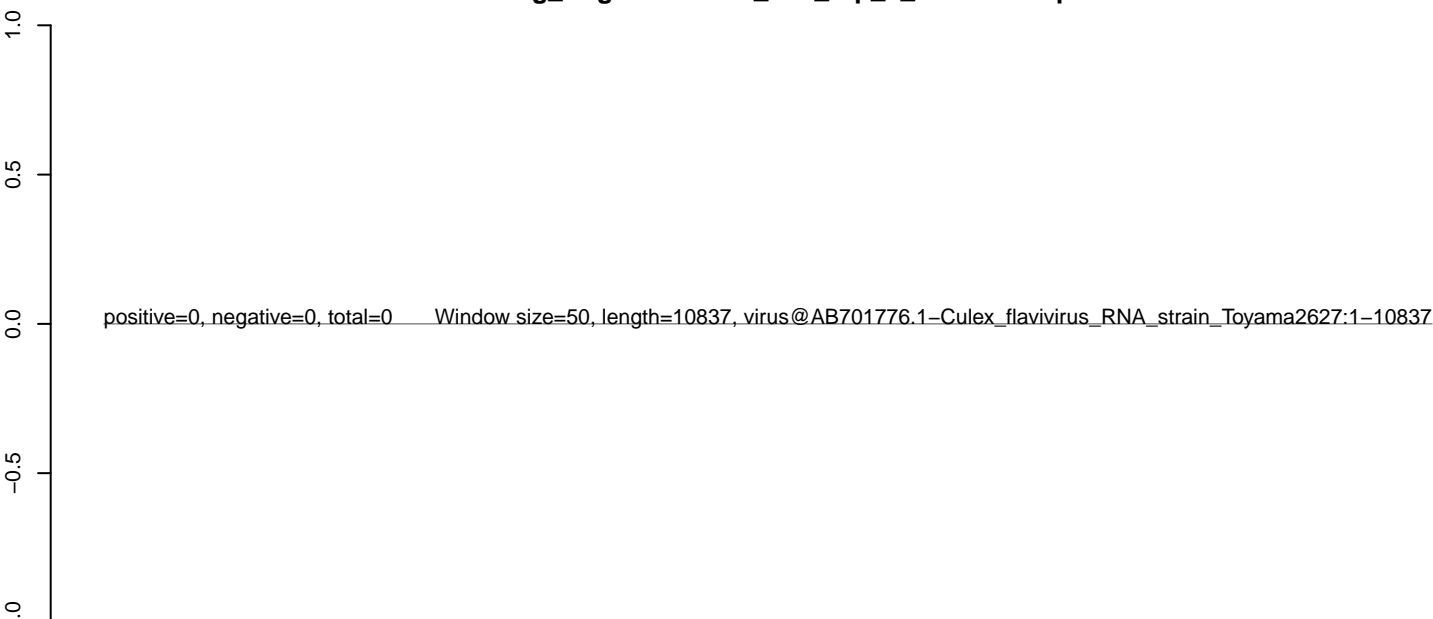
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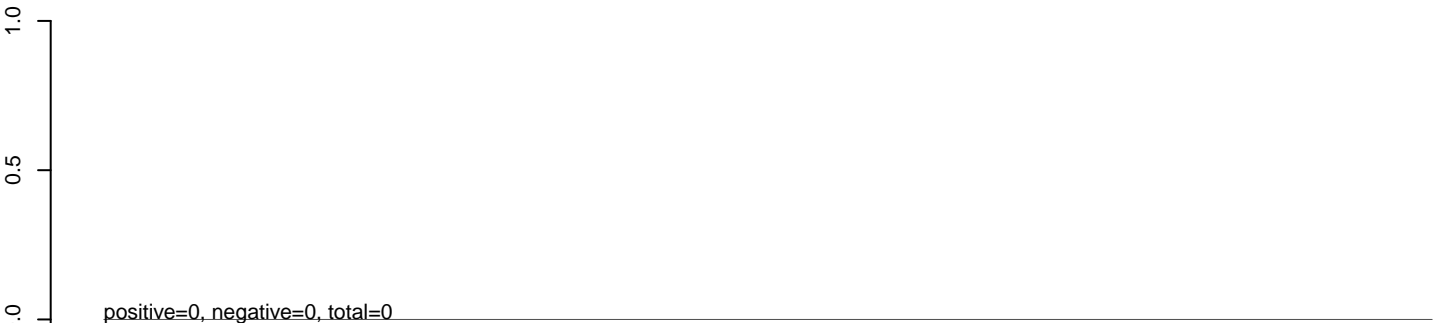
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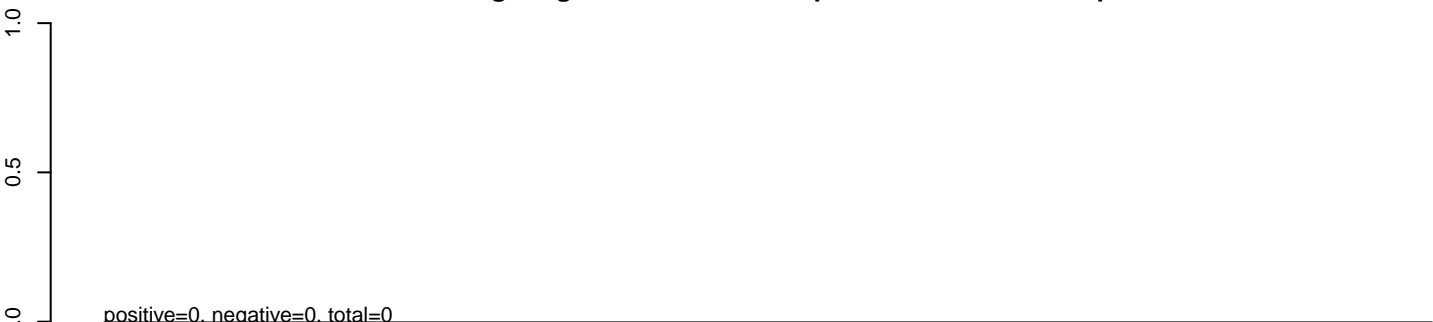
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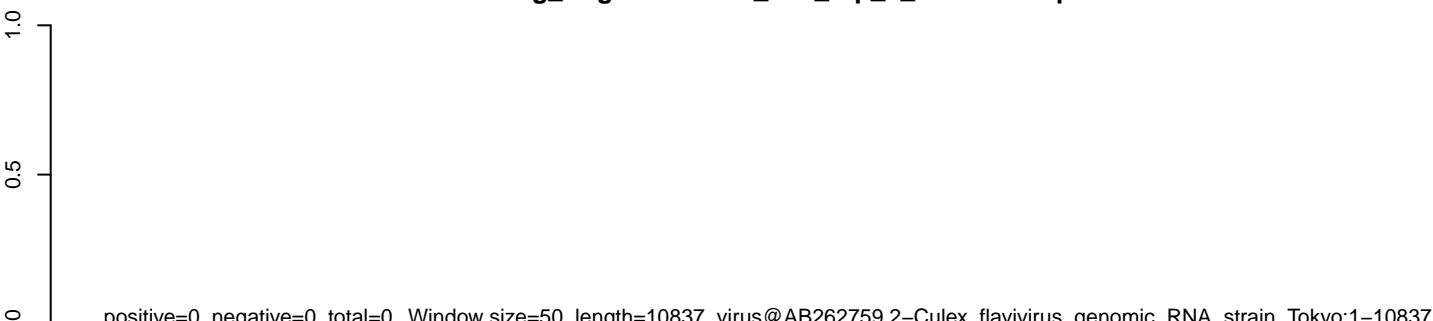
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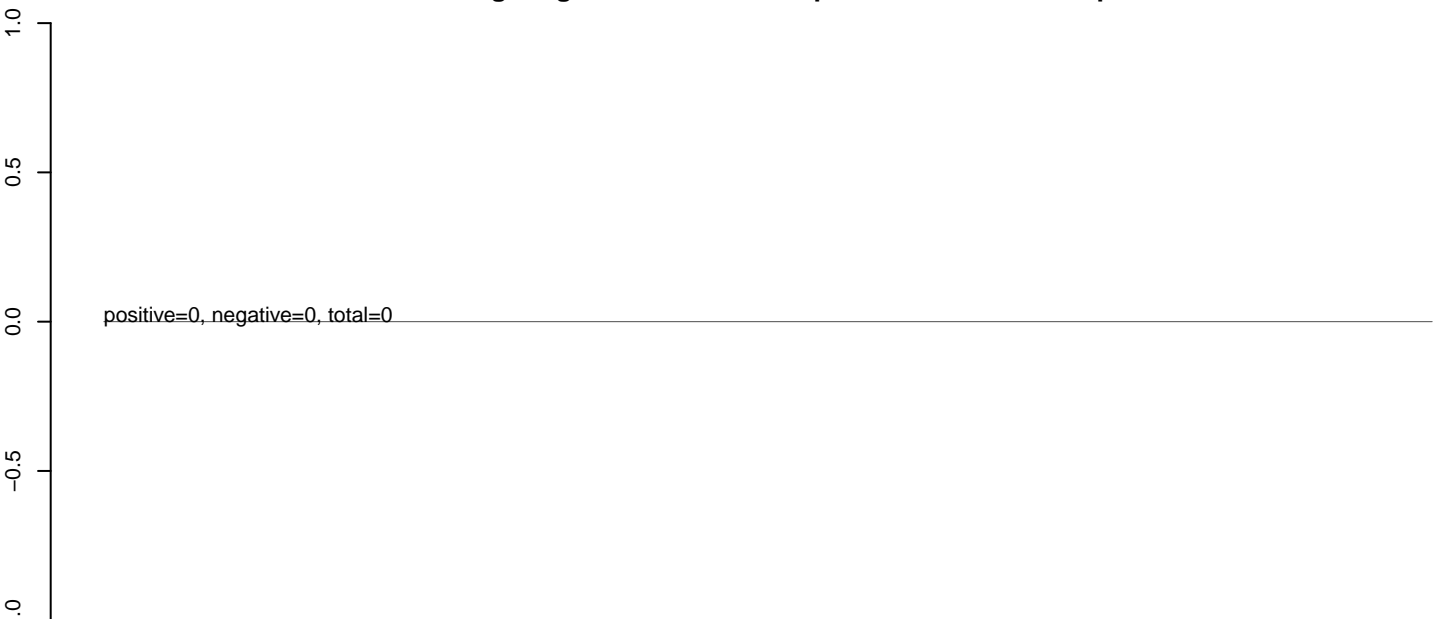
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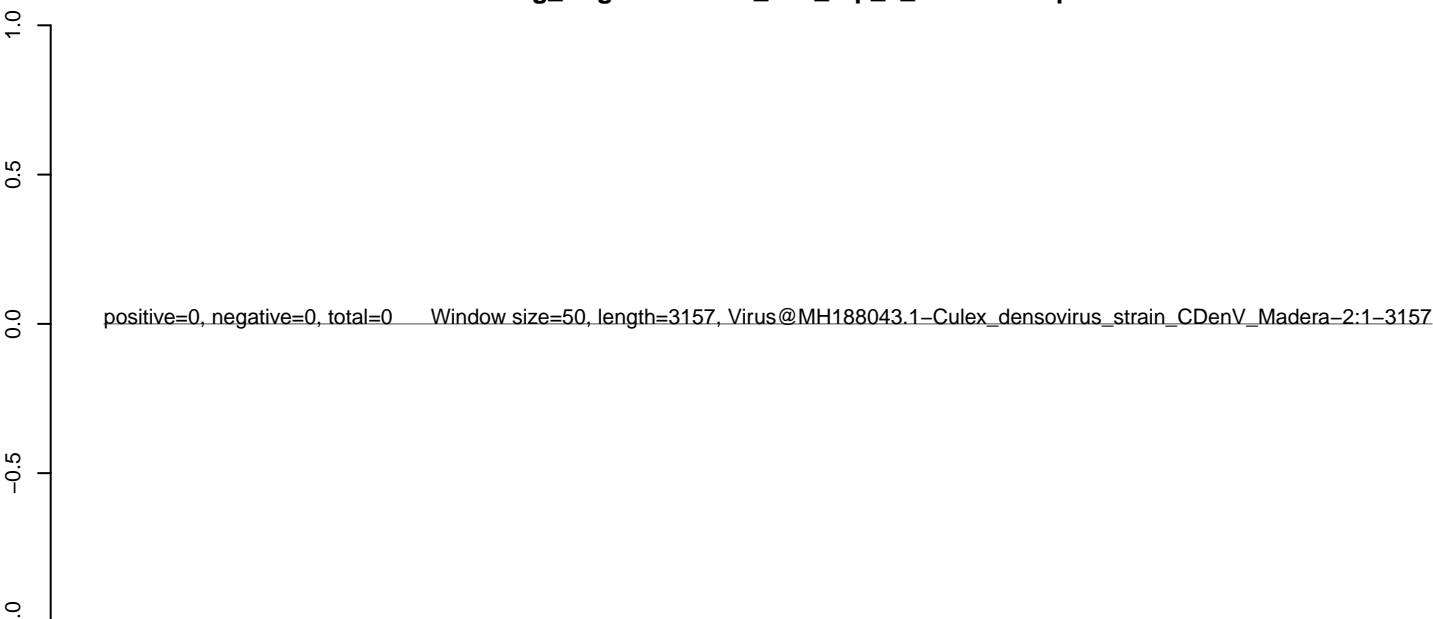
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**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.24\_35.rep**



**AeAeg\_Aag2smallRNA\_Ctrl\_rep\_3\_Q.matrix.rep**



Window size=50, length=3157, Virus@MH188043.1-Culex\_densovirus\_strain\_CDenV\_Madera-2:1-3157

A plot showing the relationship between positive, negative, and total counts. The y-axis ranges from -1.0 to 1.0. A horizontal line is drawn at y=0.0, labeled 'positive=0, negative=0, total=0'.

A plot showing a horizontal line at  $y=0$ . The y-axis is labeled from -1.0 to 1.0. The text "positive=0, negative=0, total=0" is displayed near the line.

[illegible]