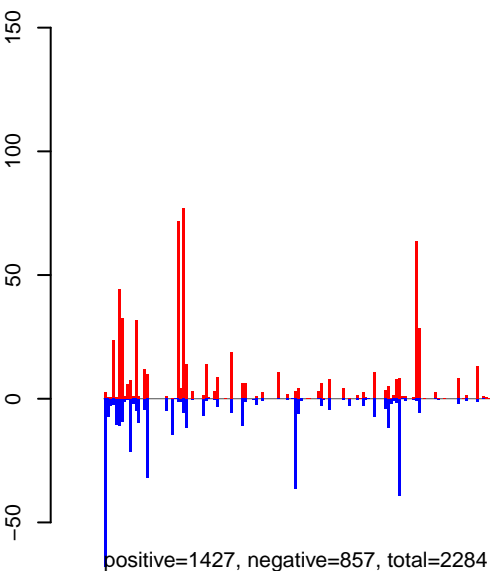
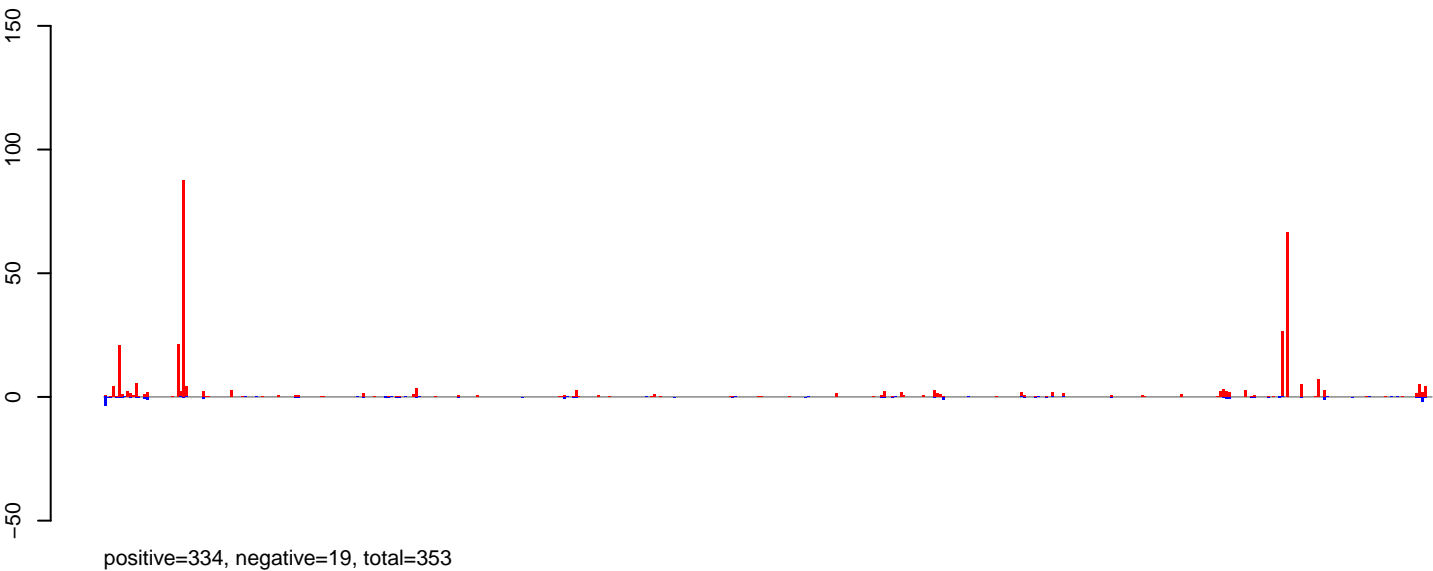


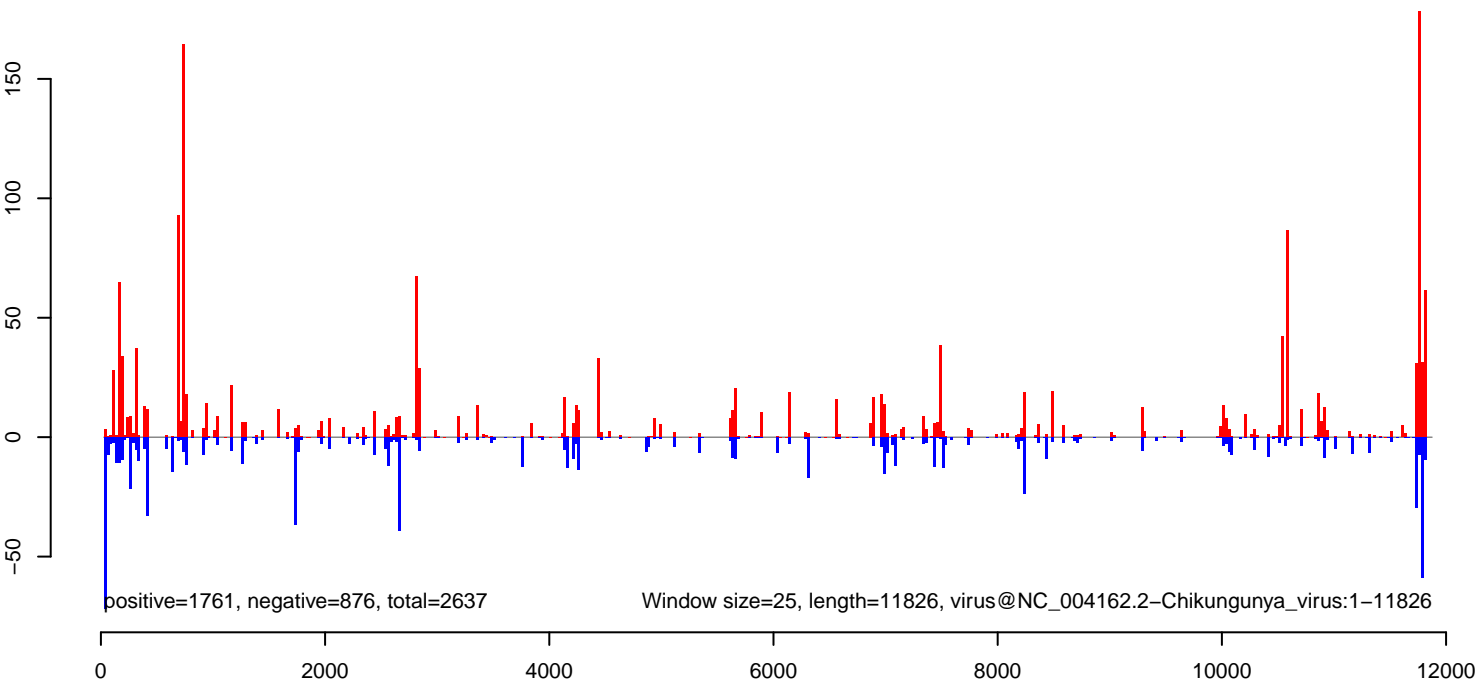
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



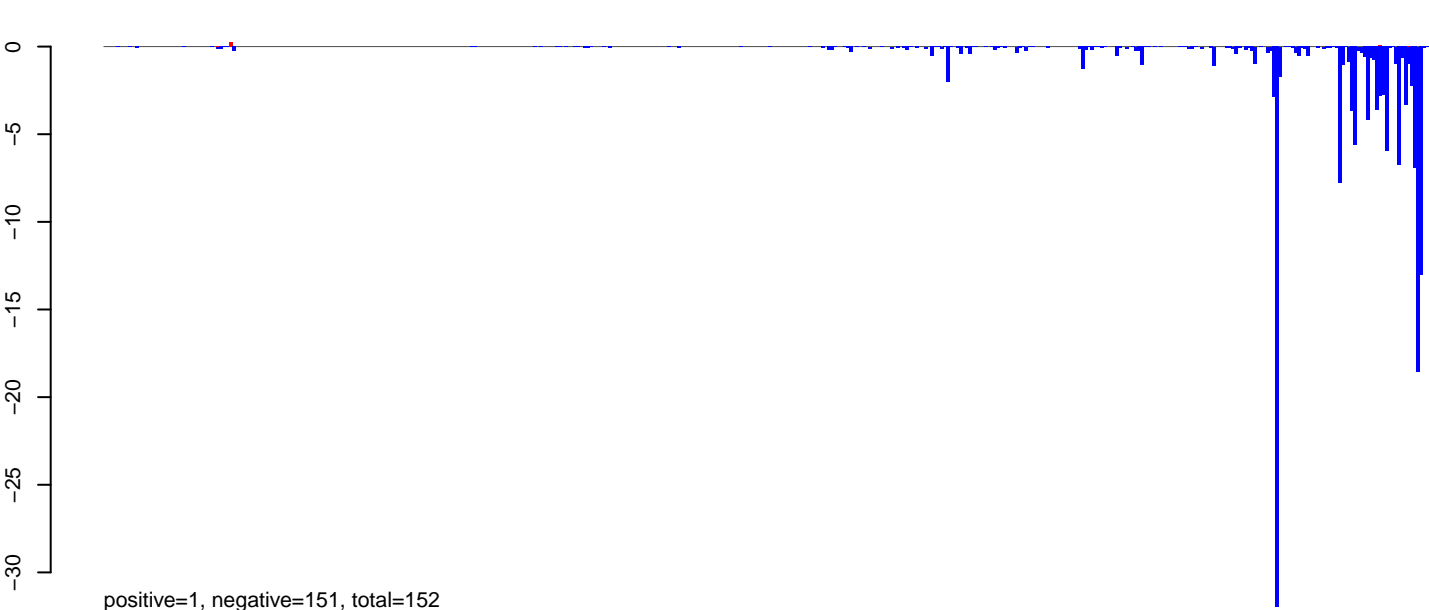
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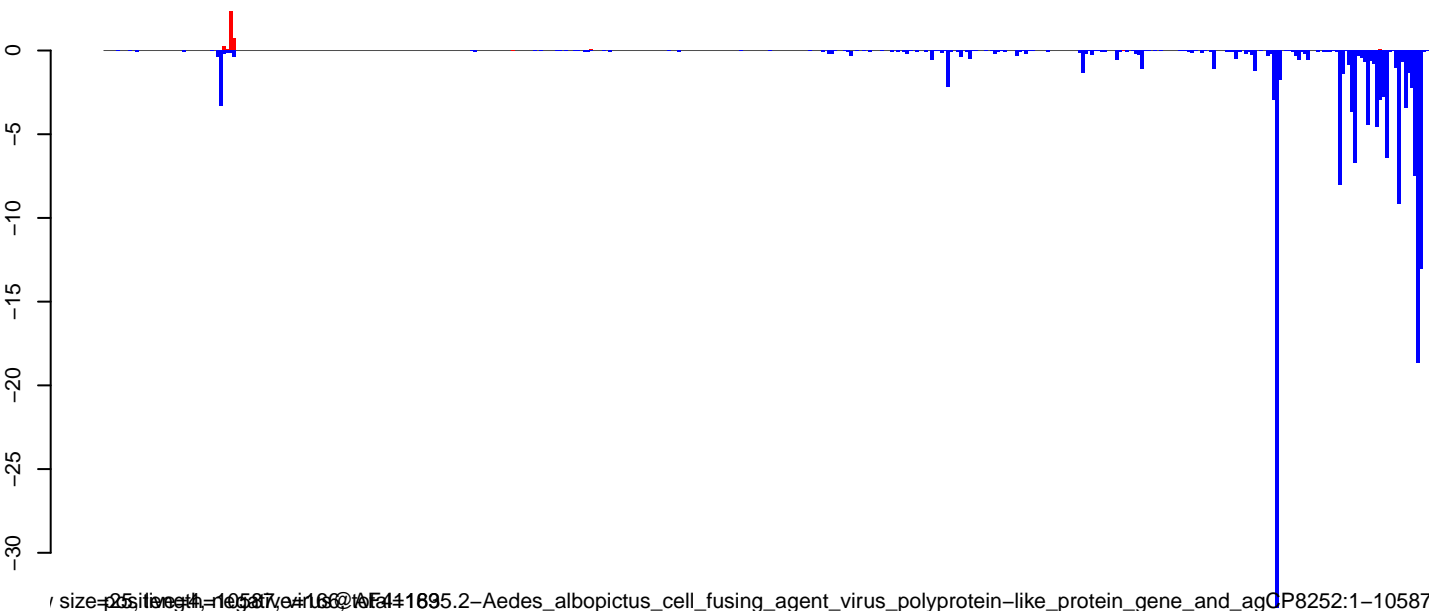
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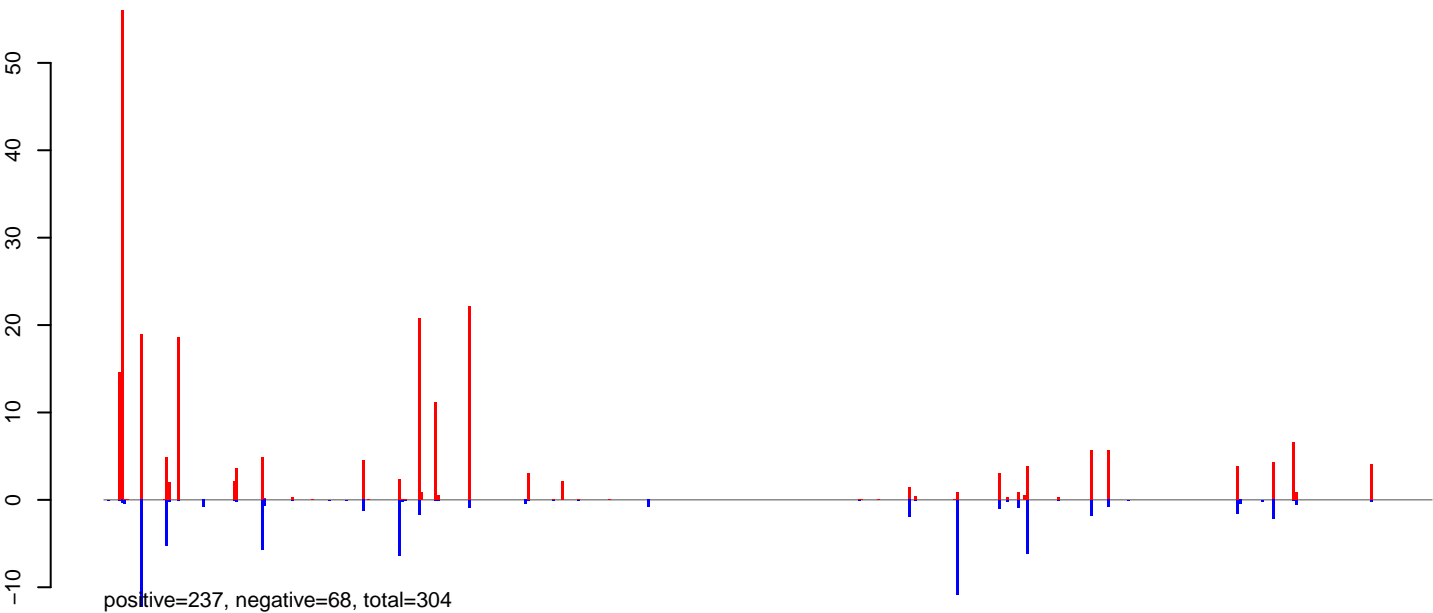
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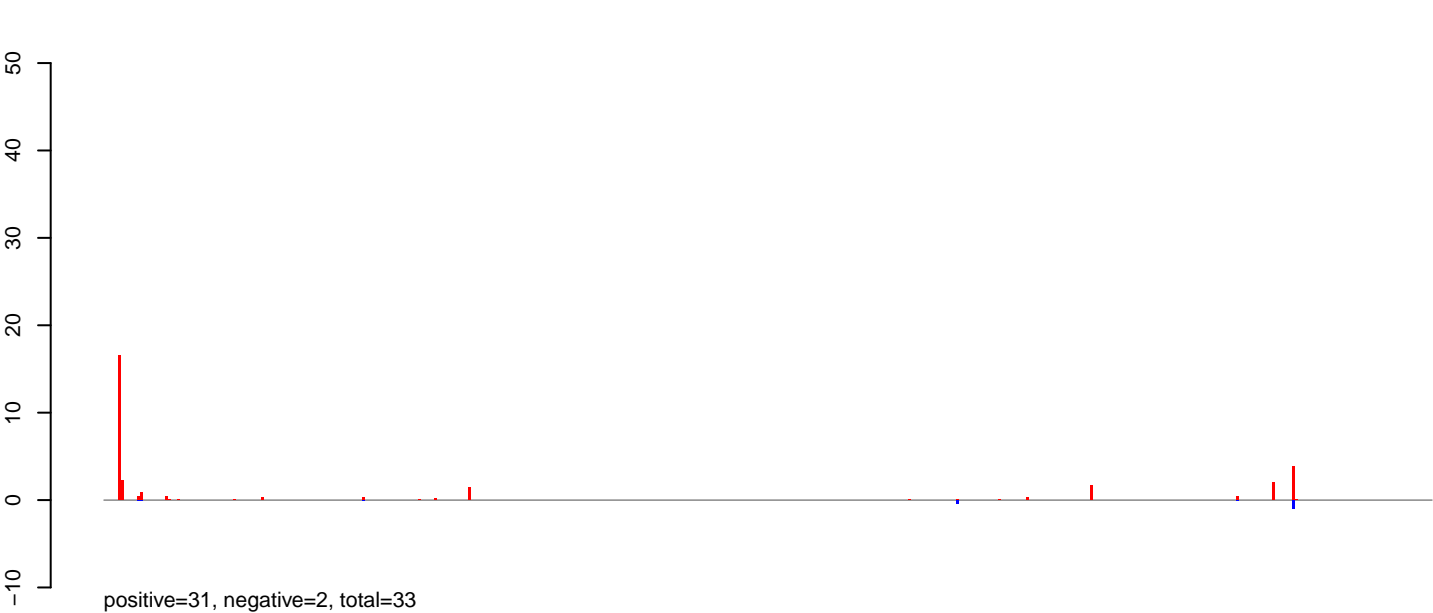
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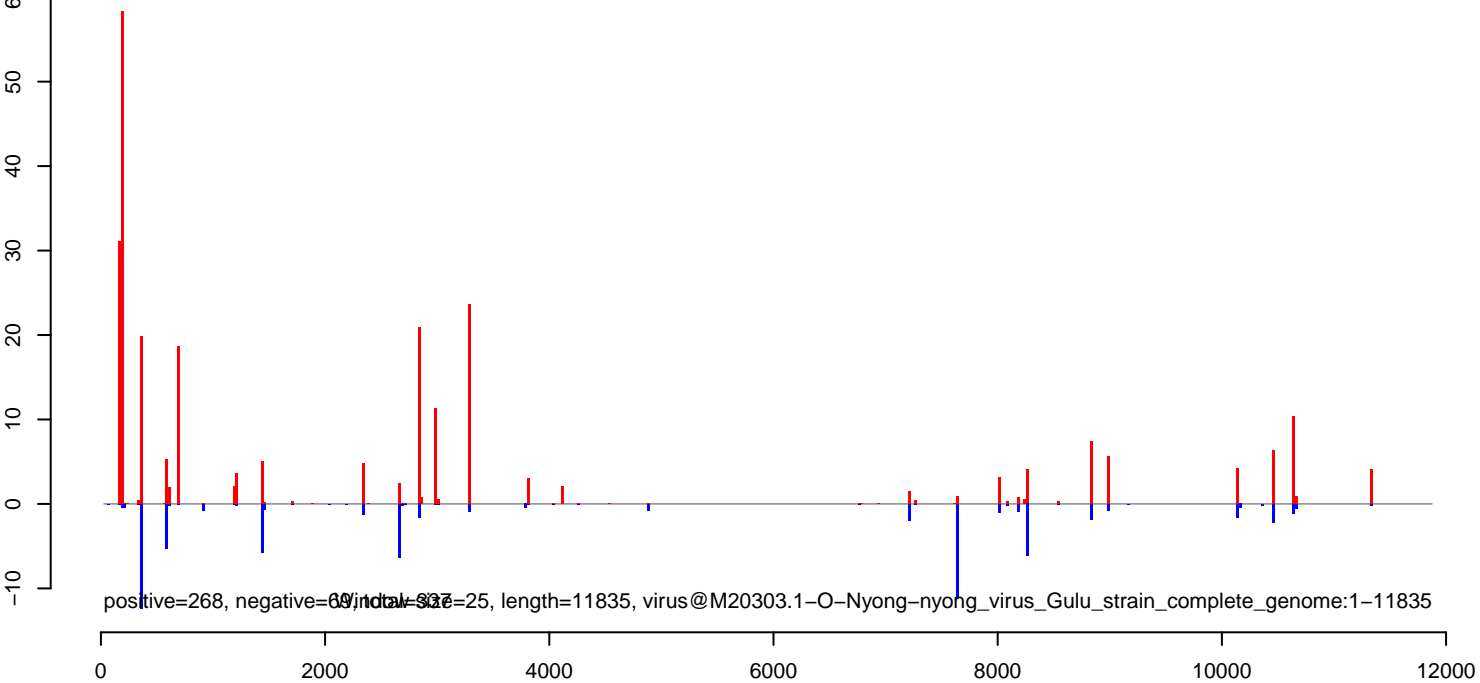
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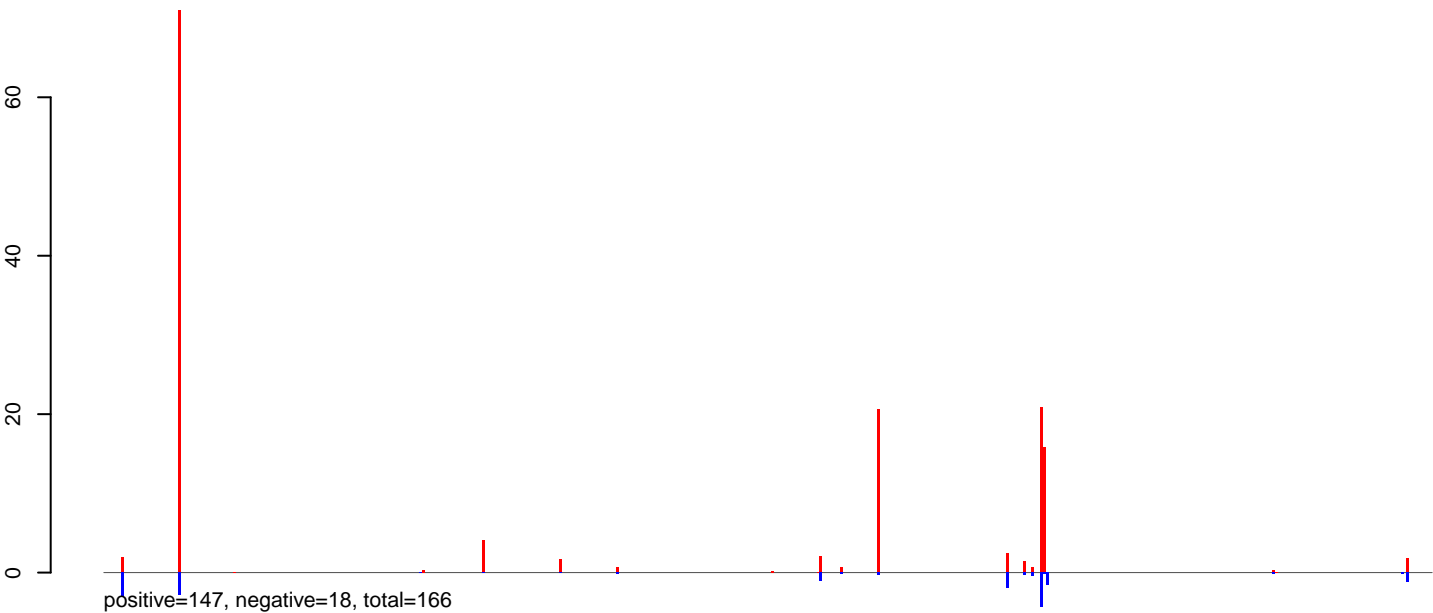
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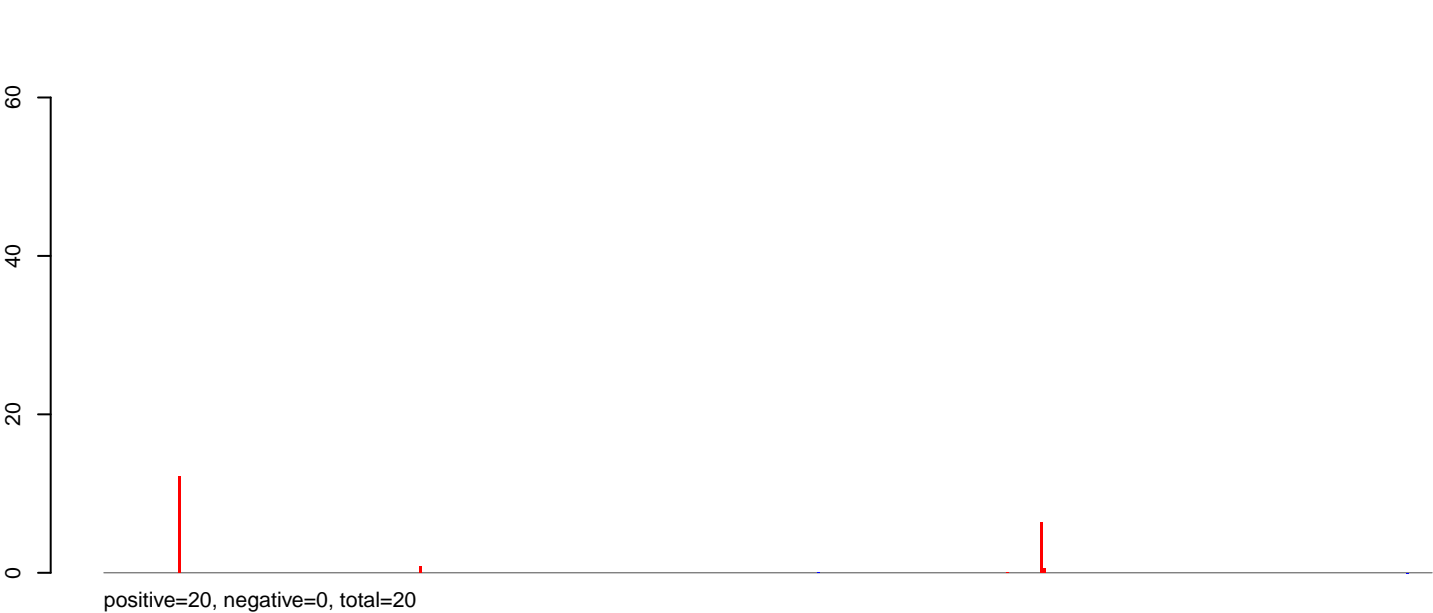
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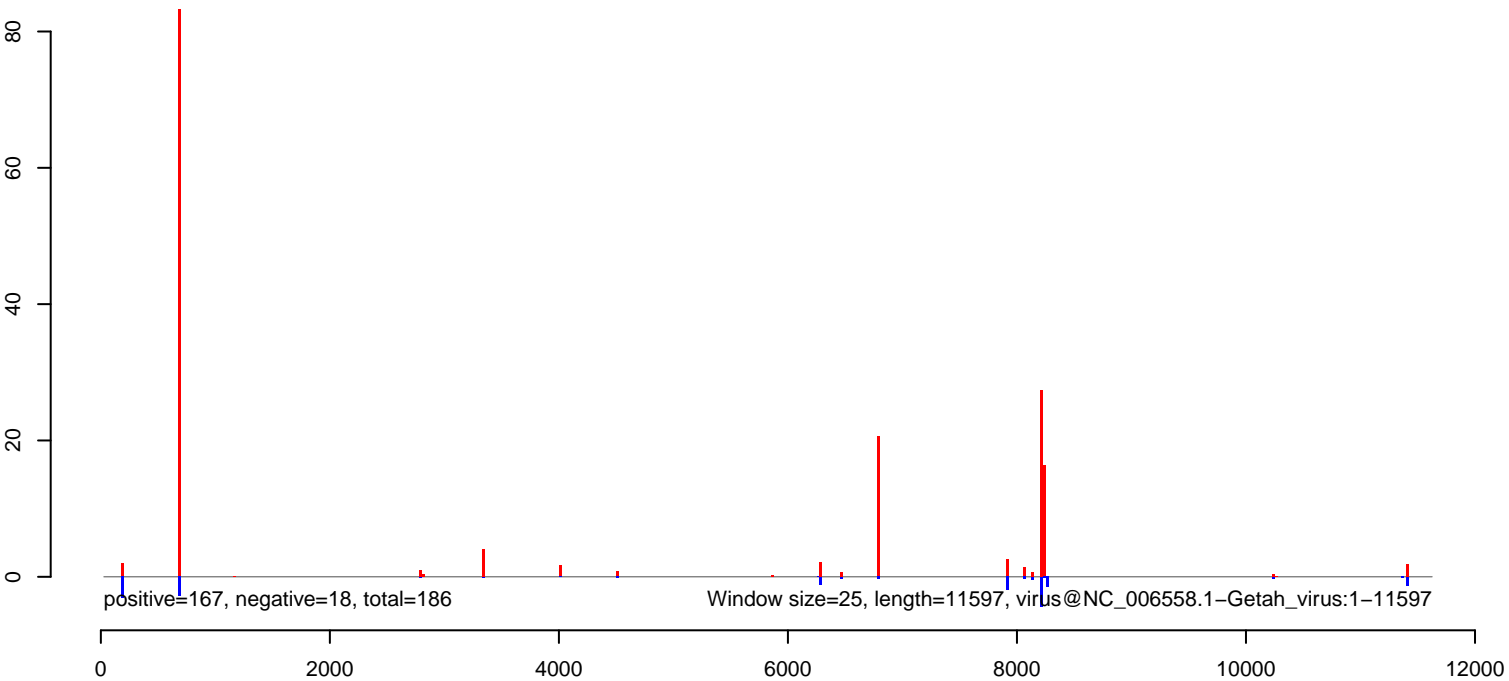
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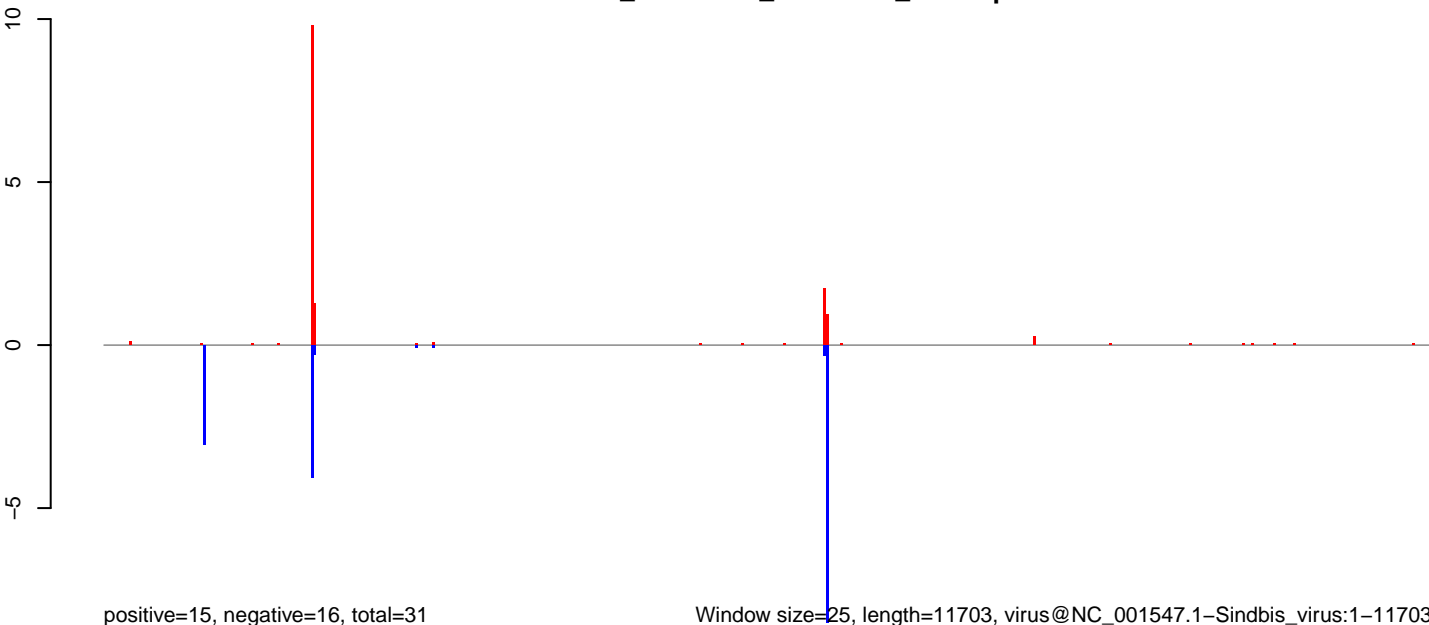
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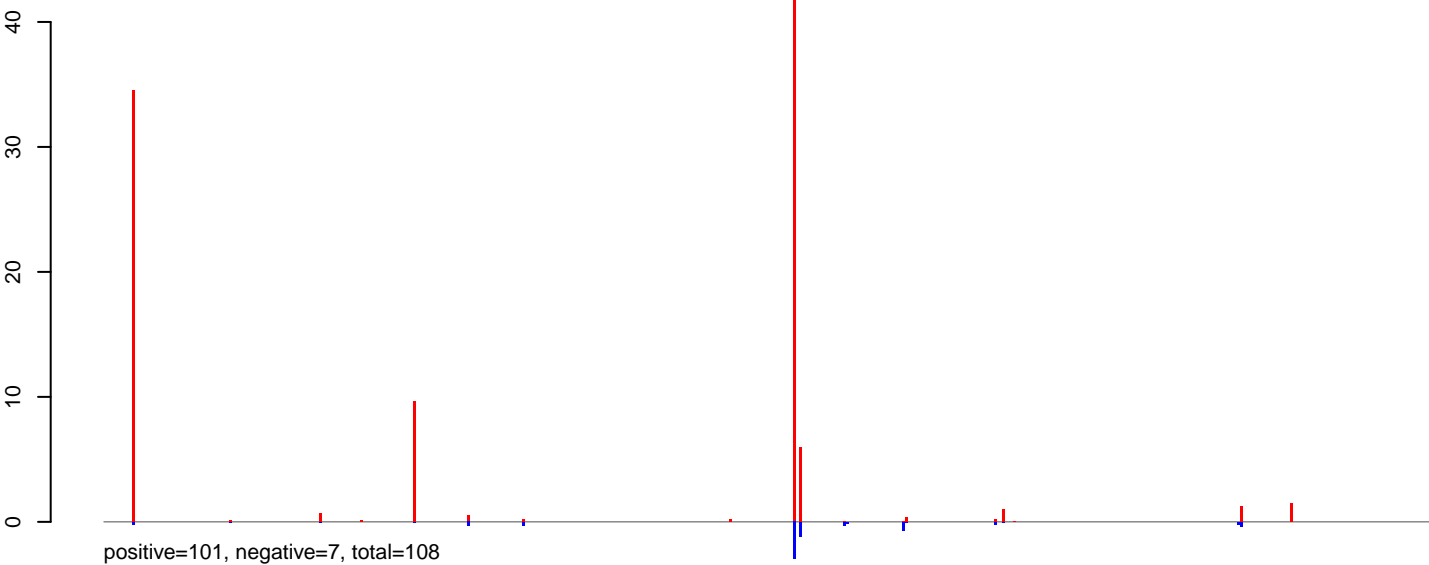
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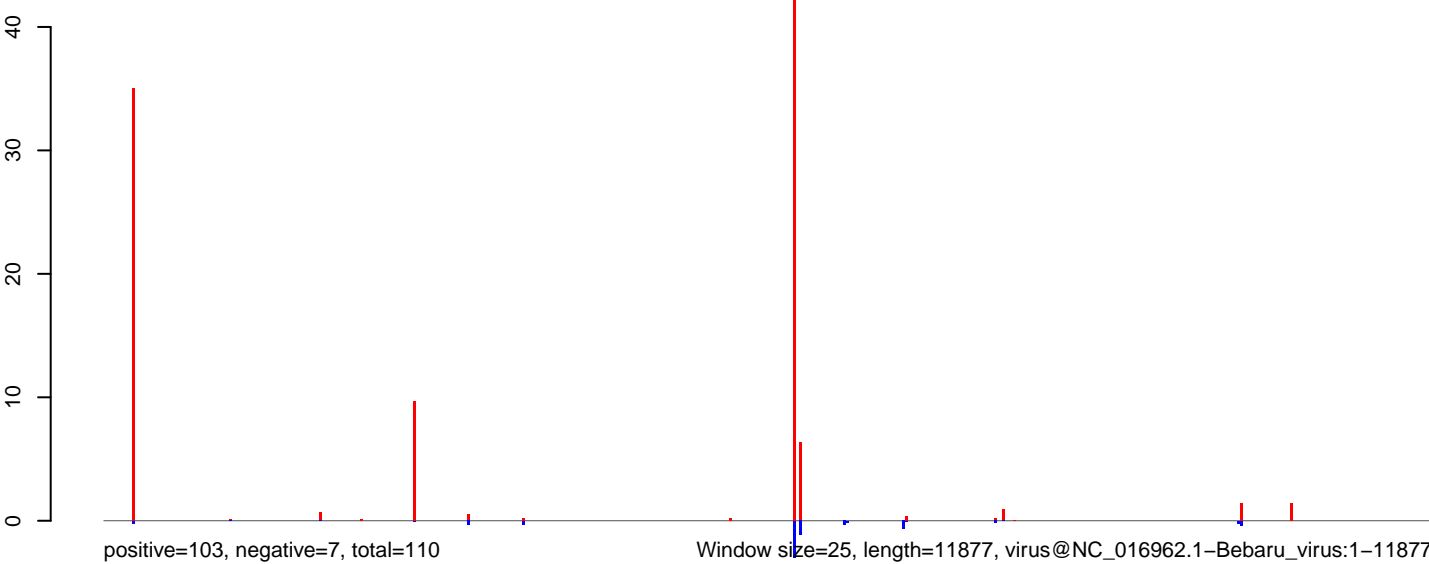
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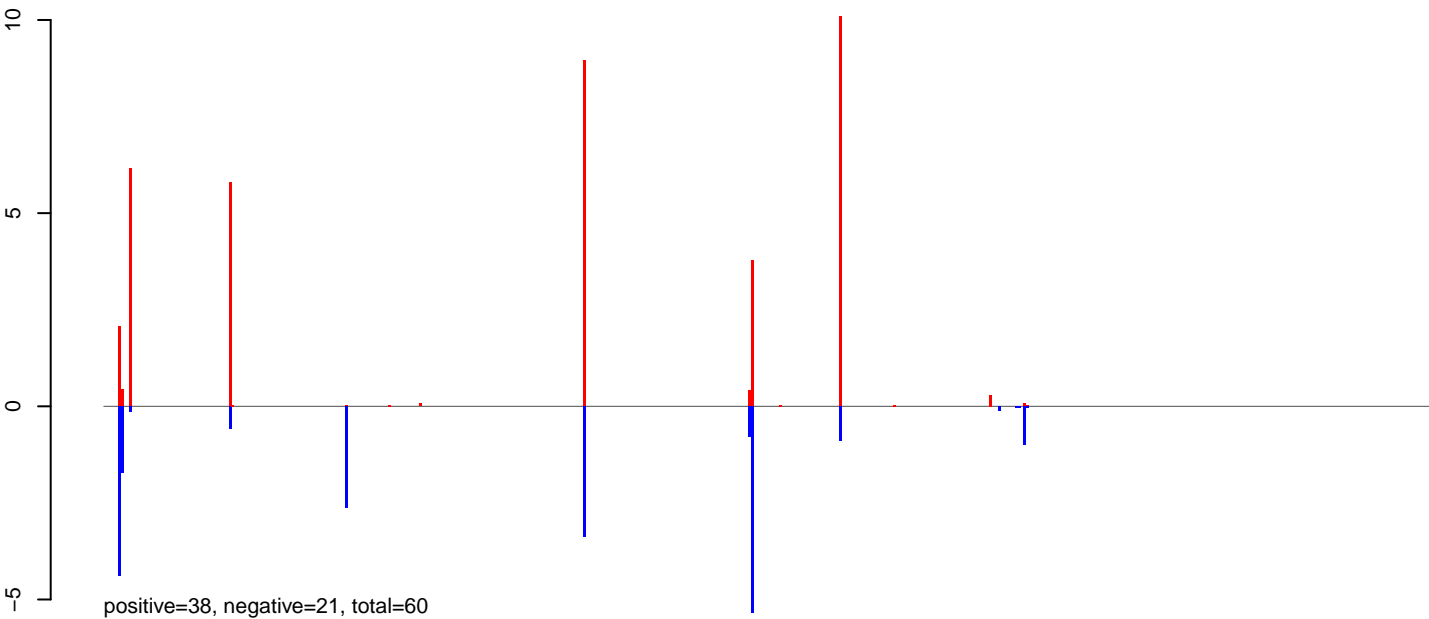
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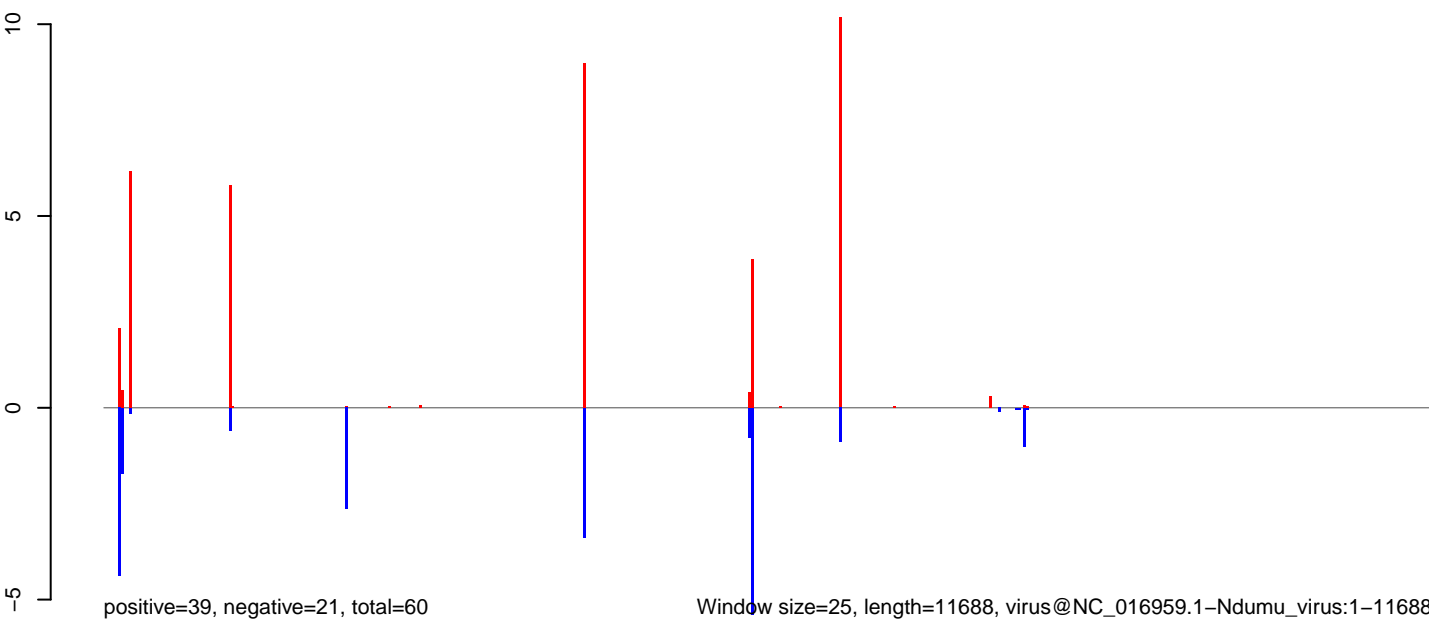
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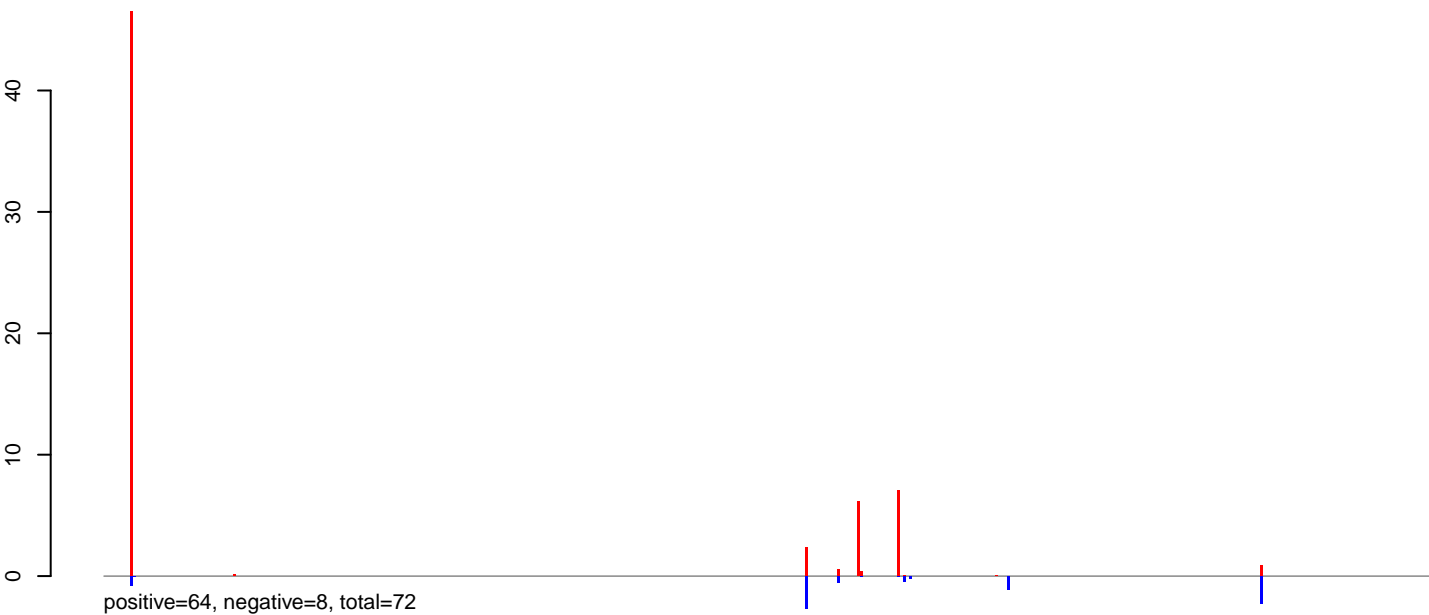
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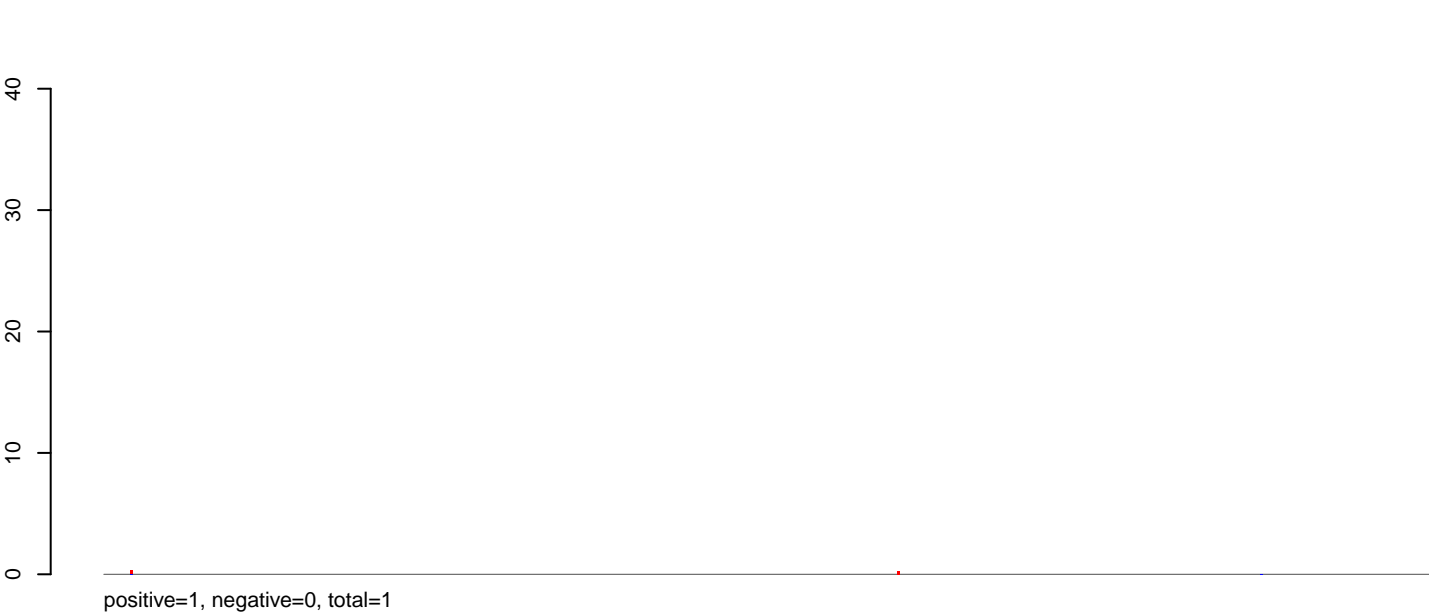
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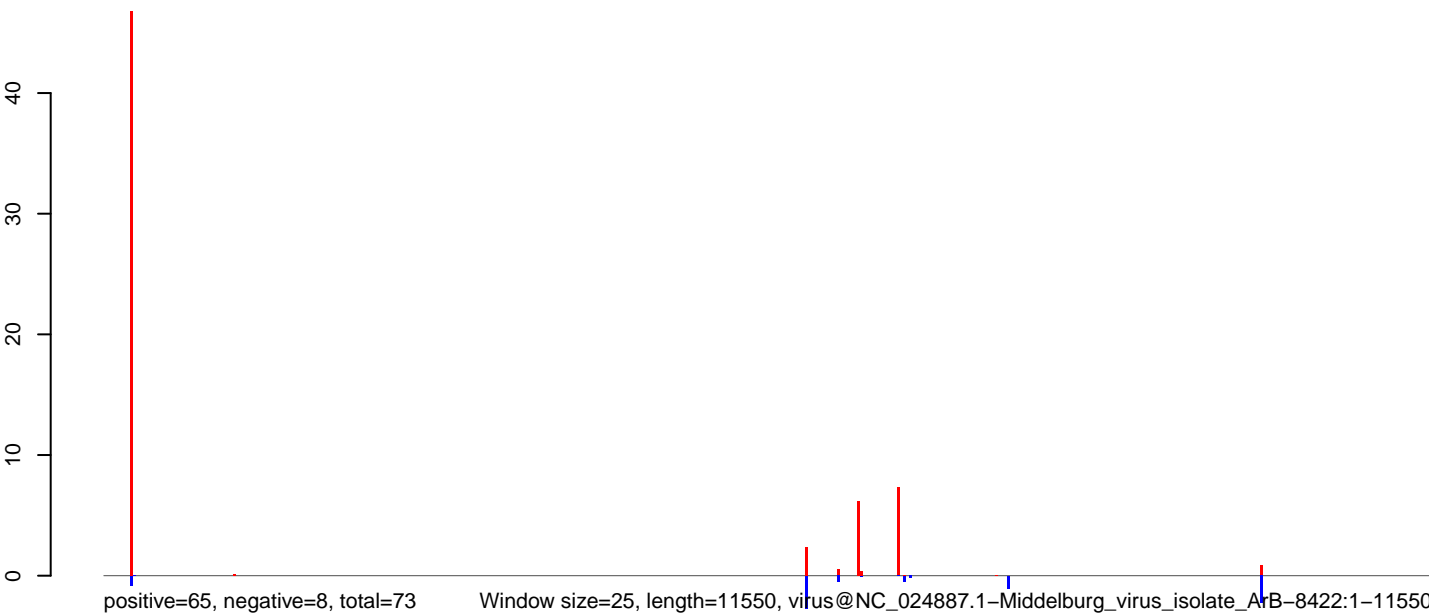
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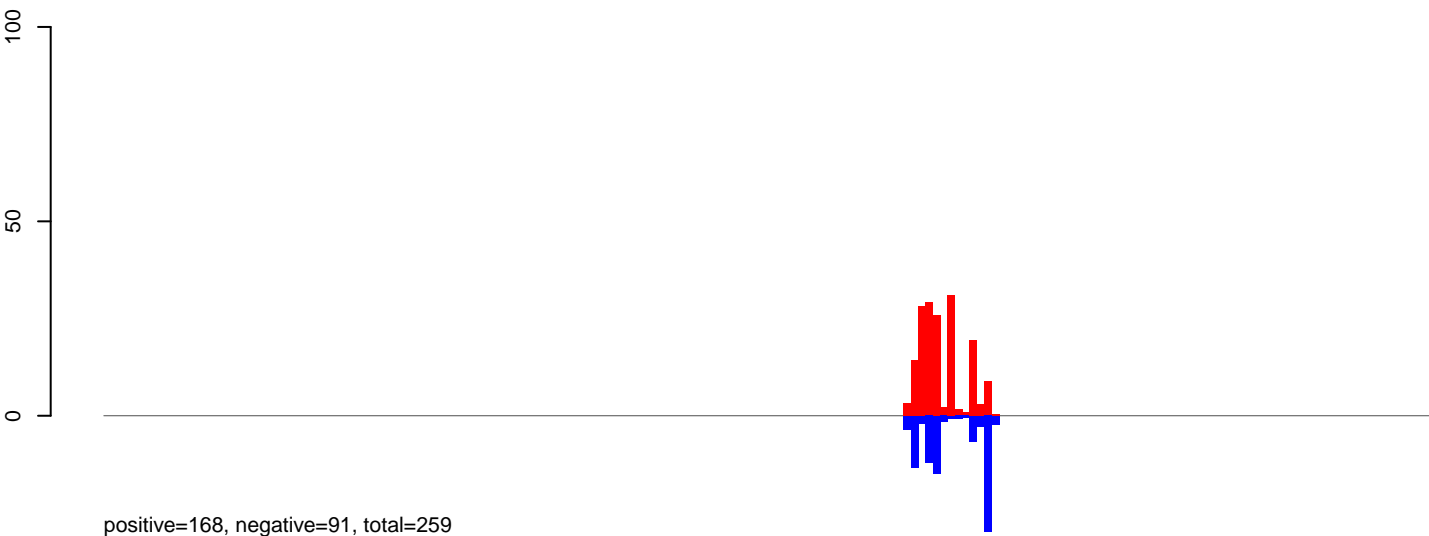
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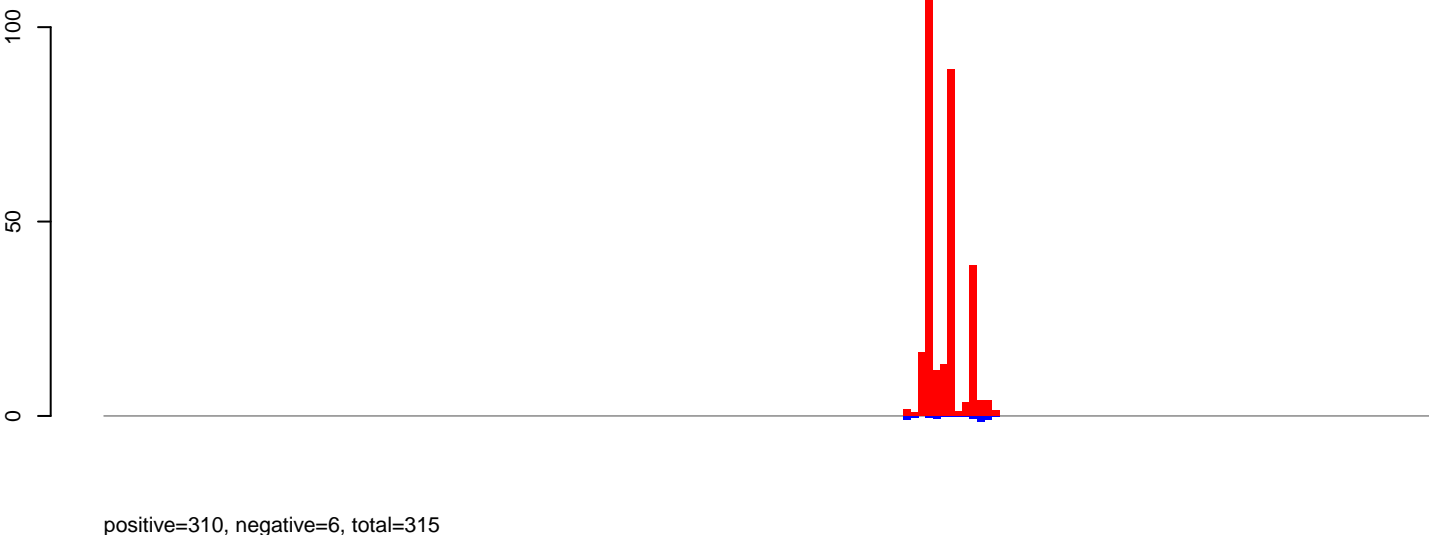
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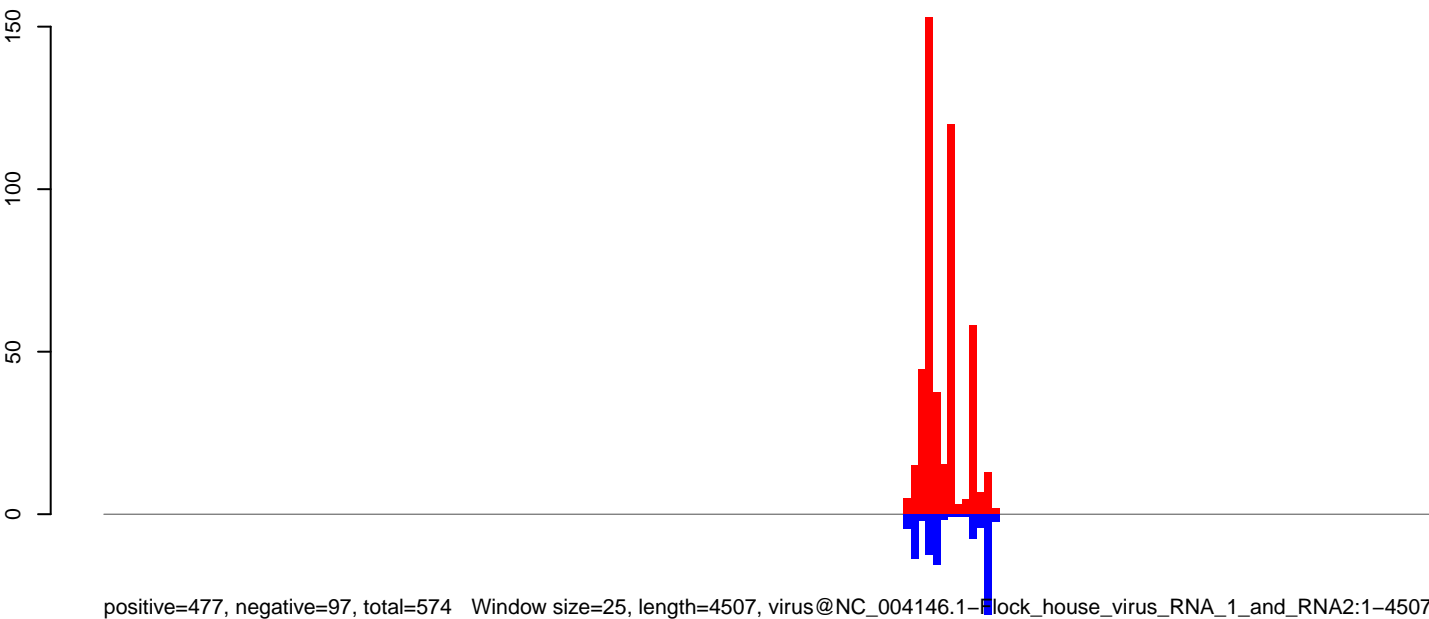
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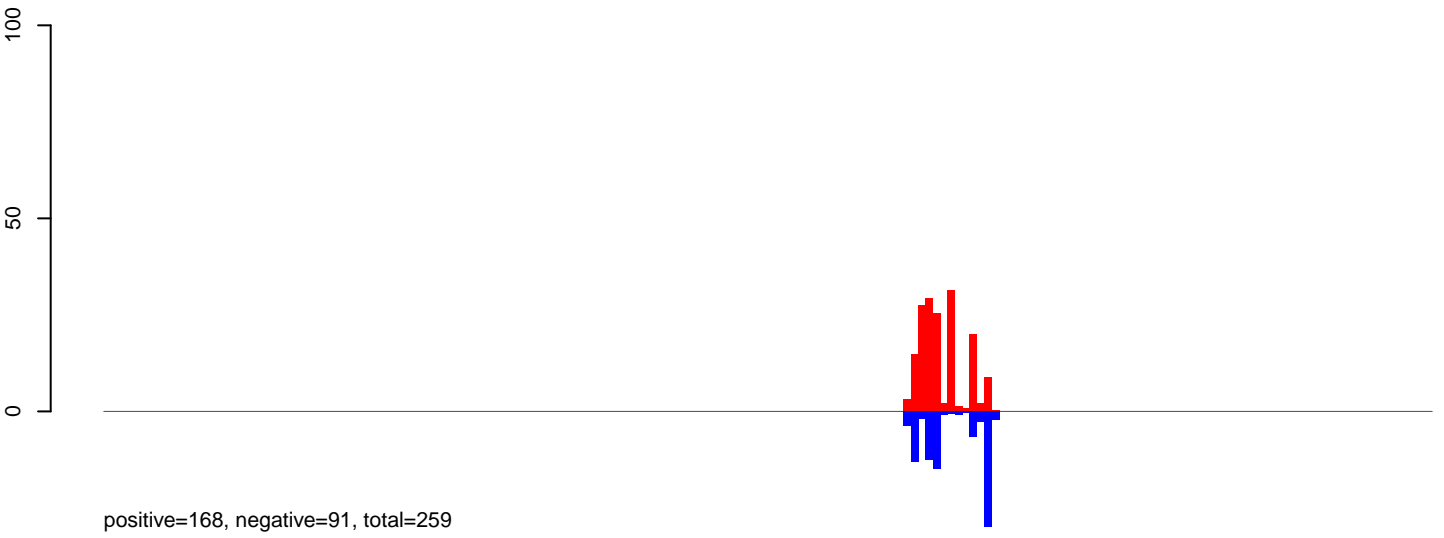


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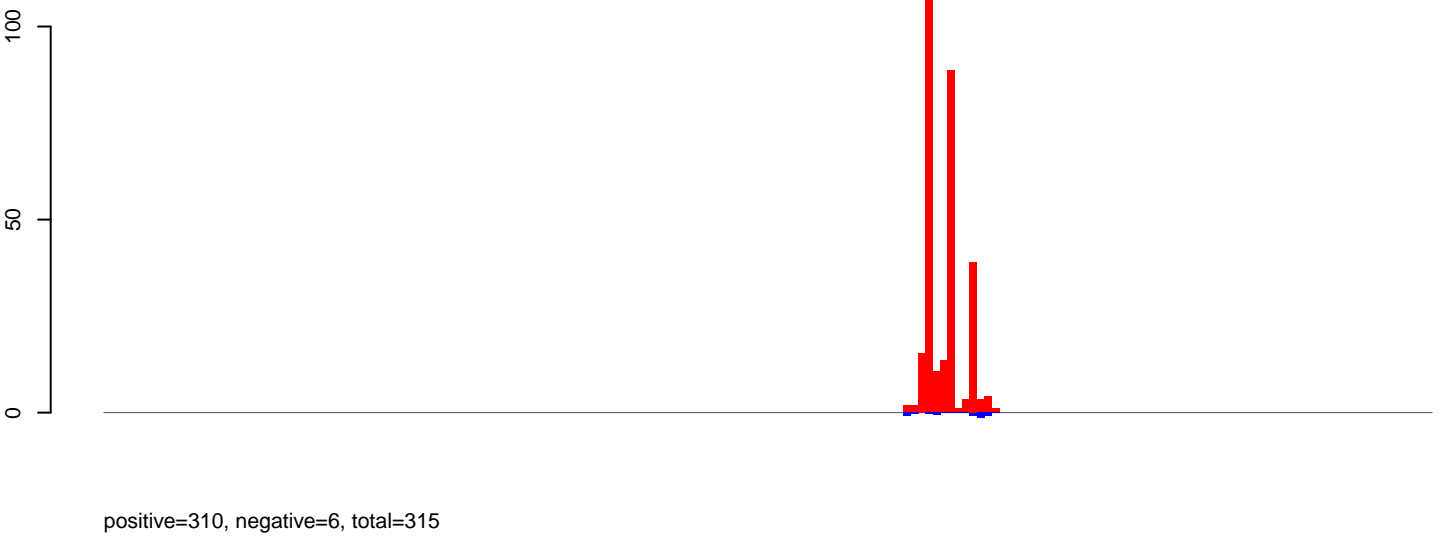


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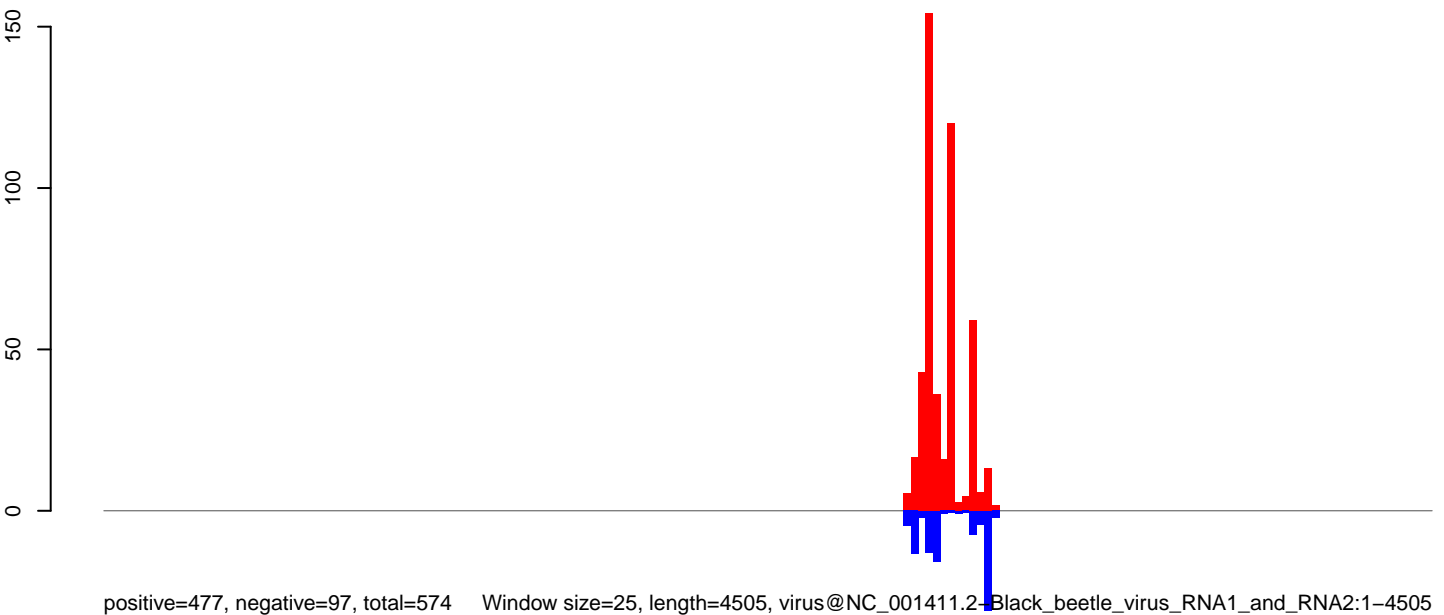
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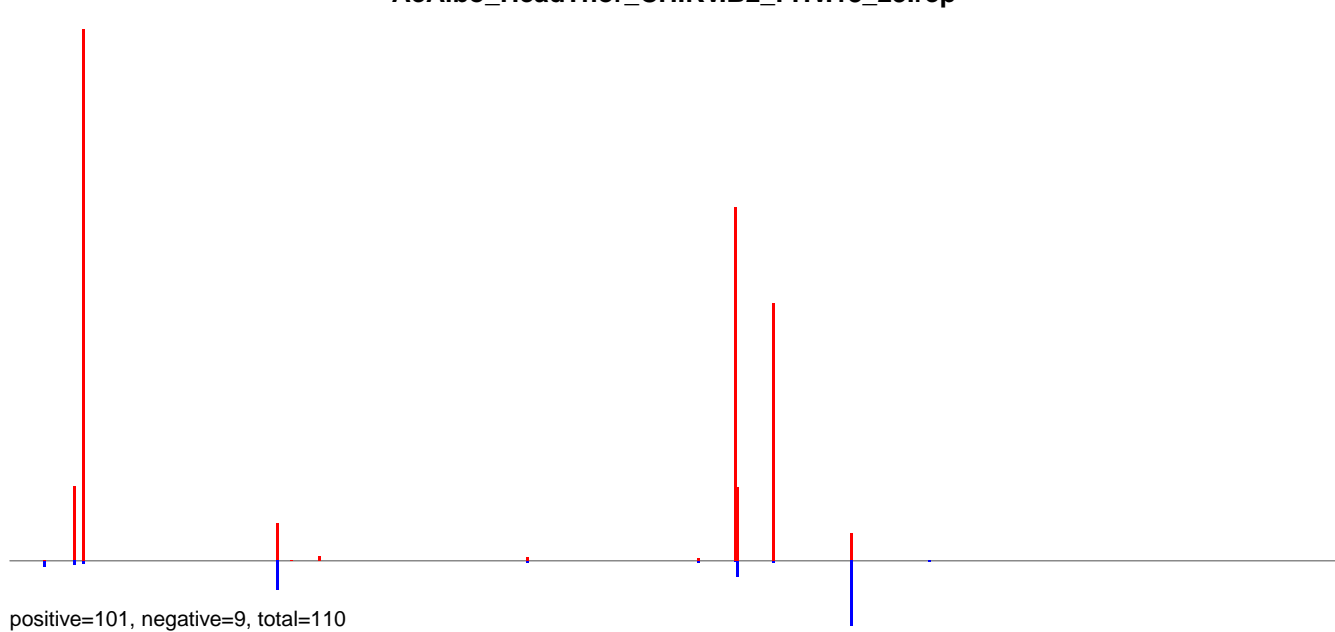
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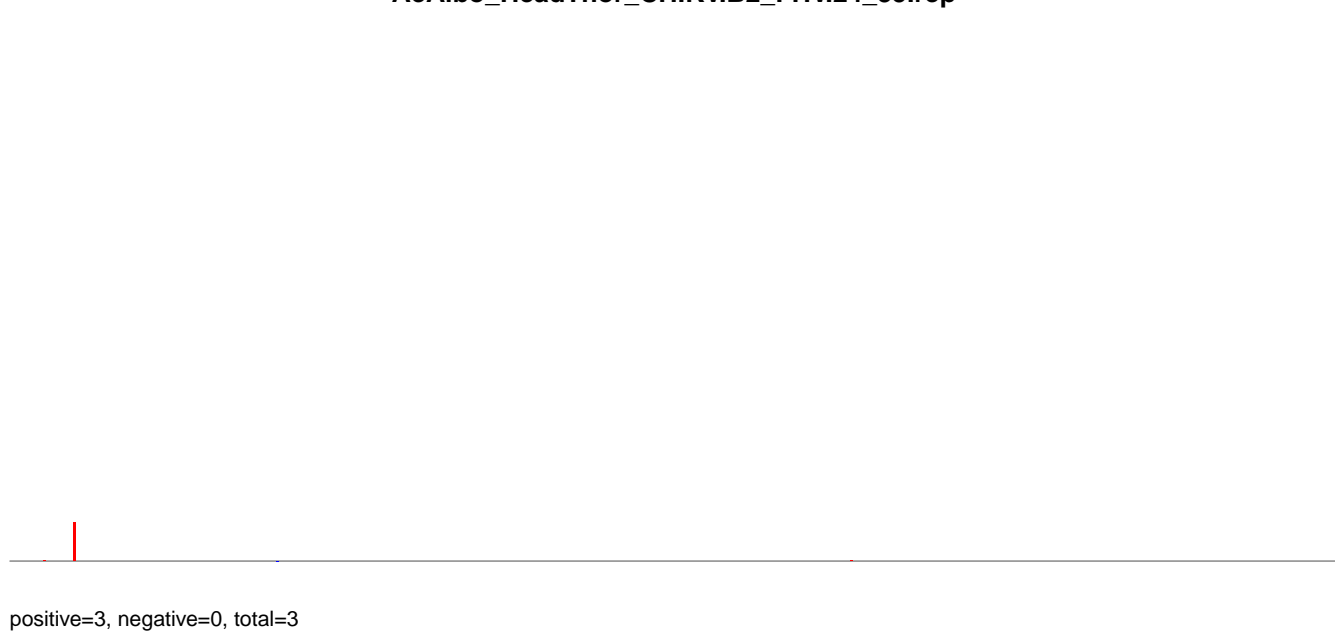
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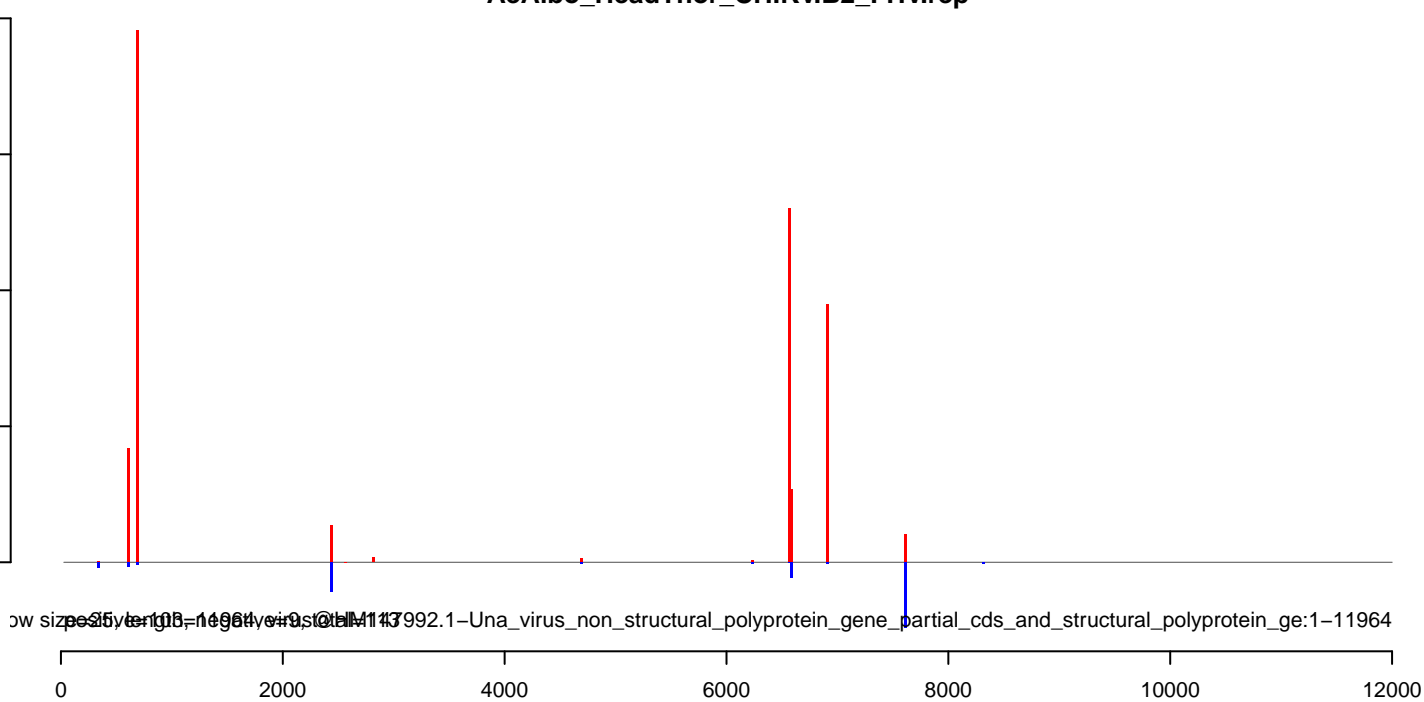
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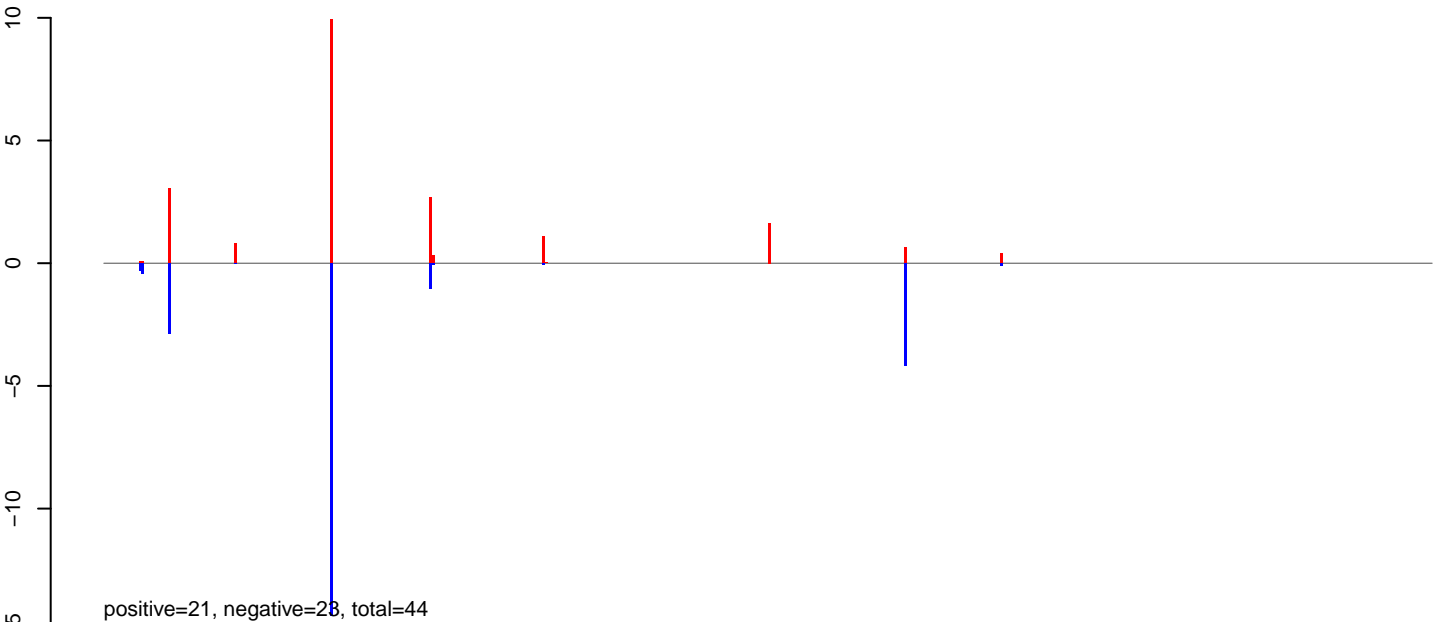


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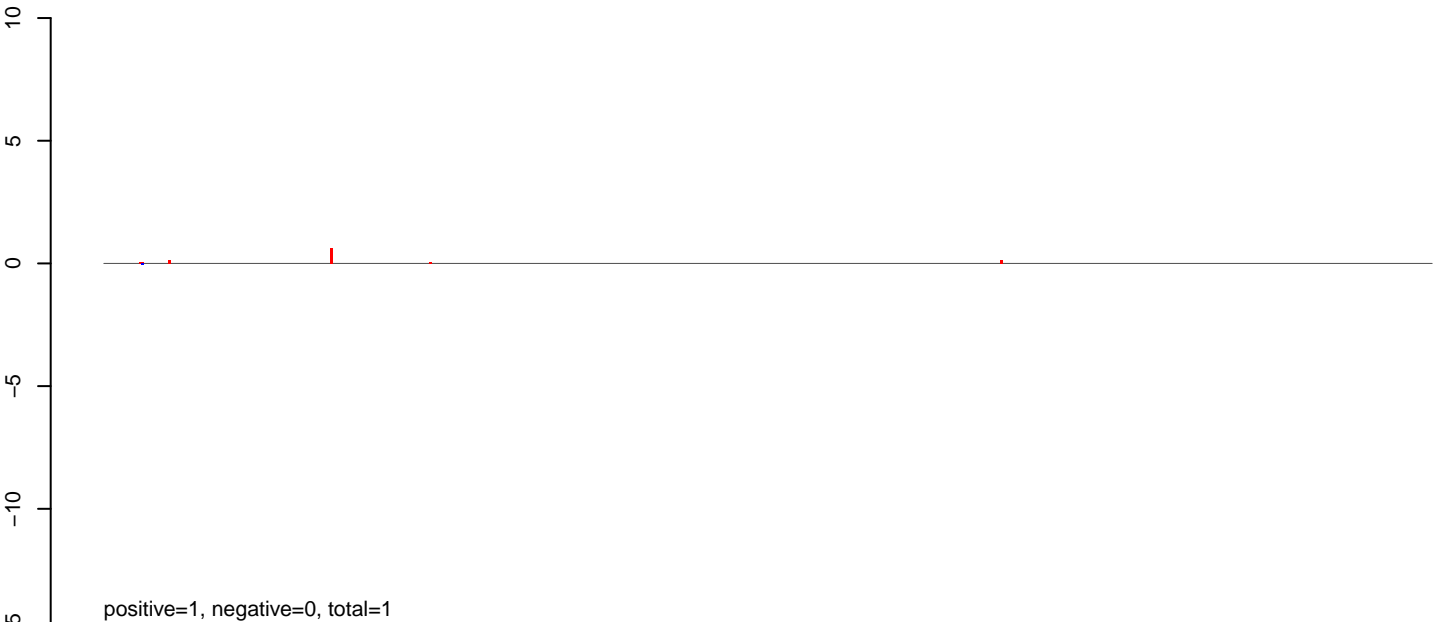


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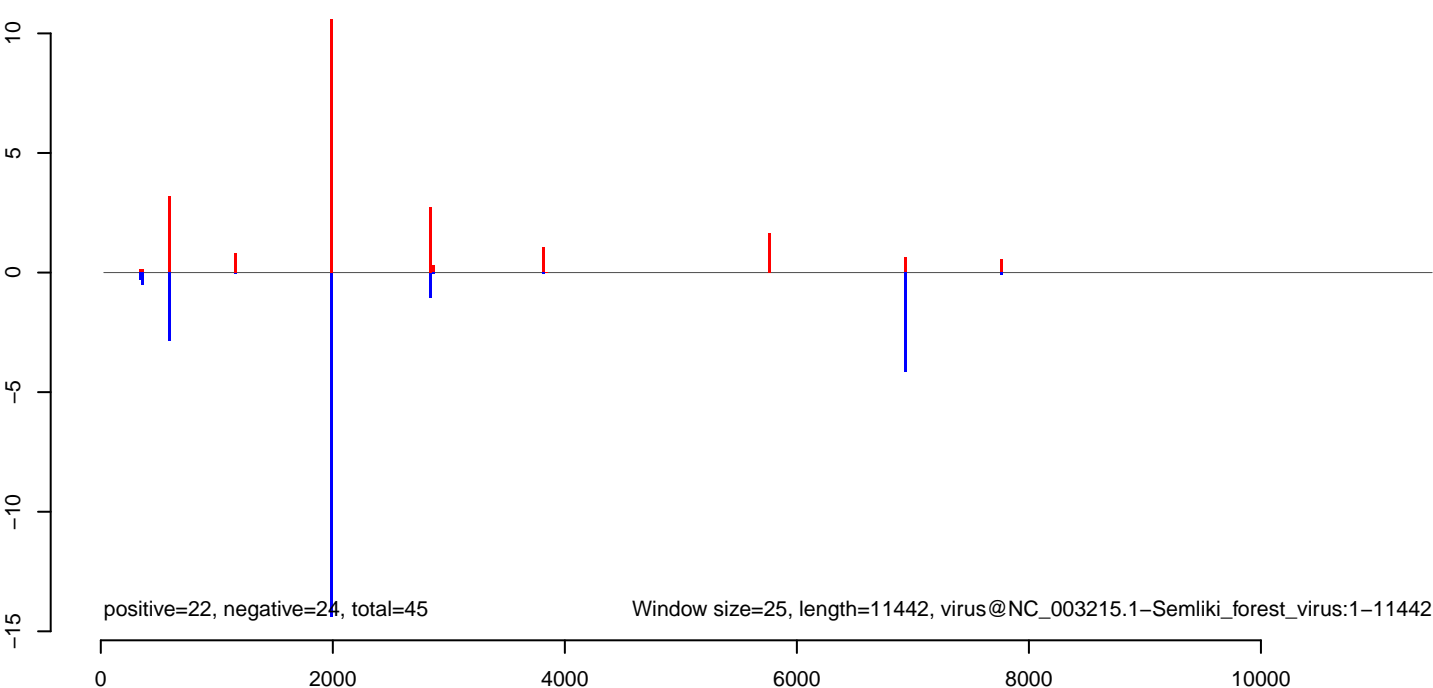
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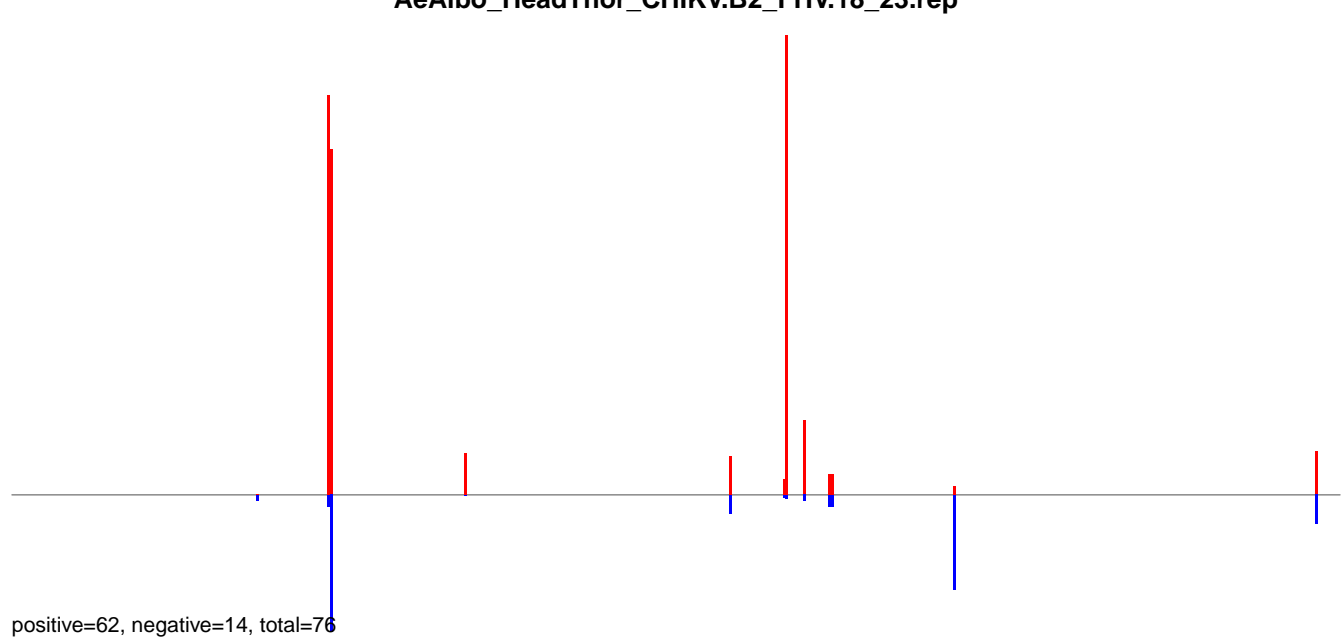
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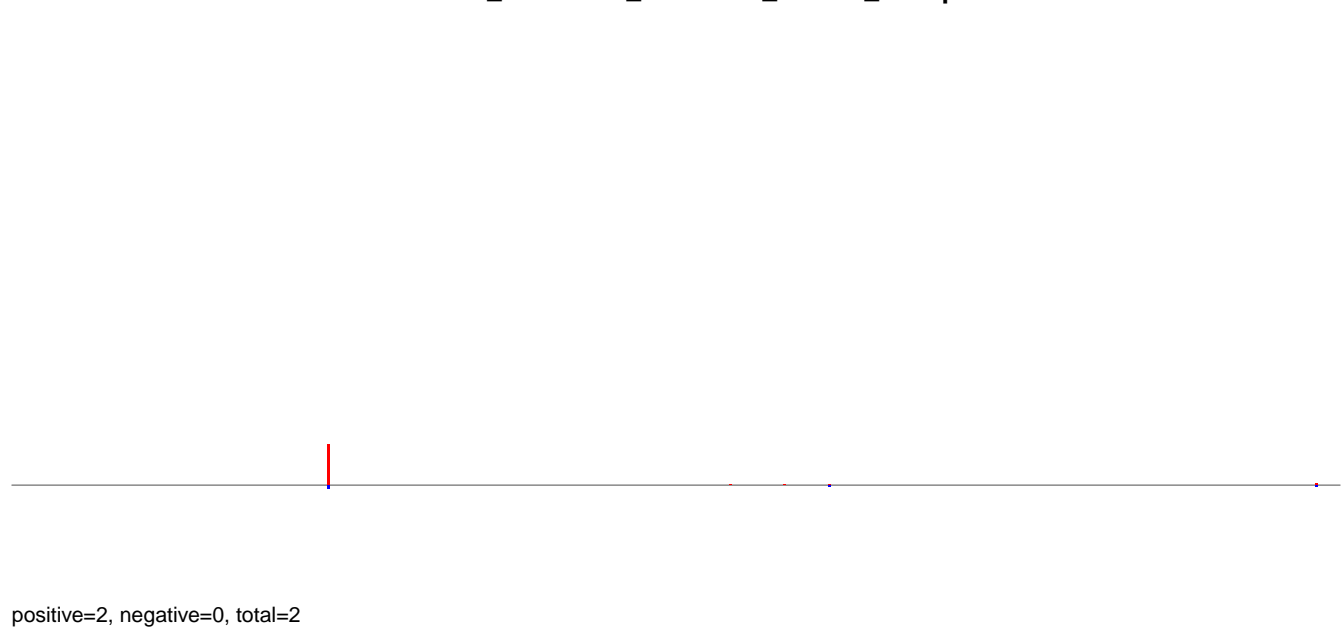
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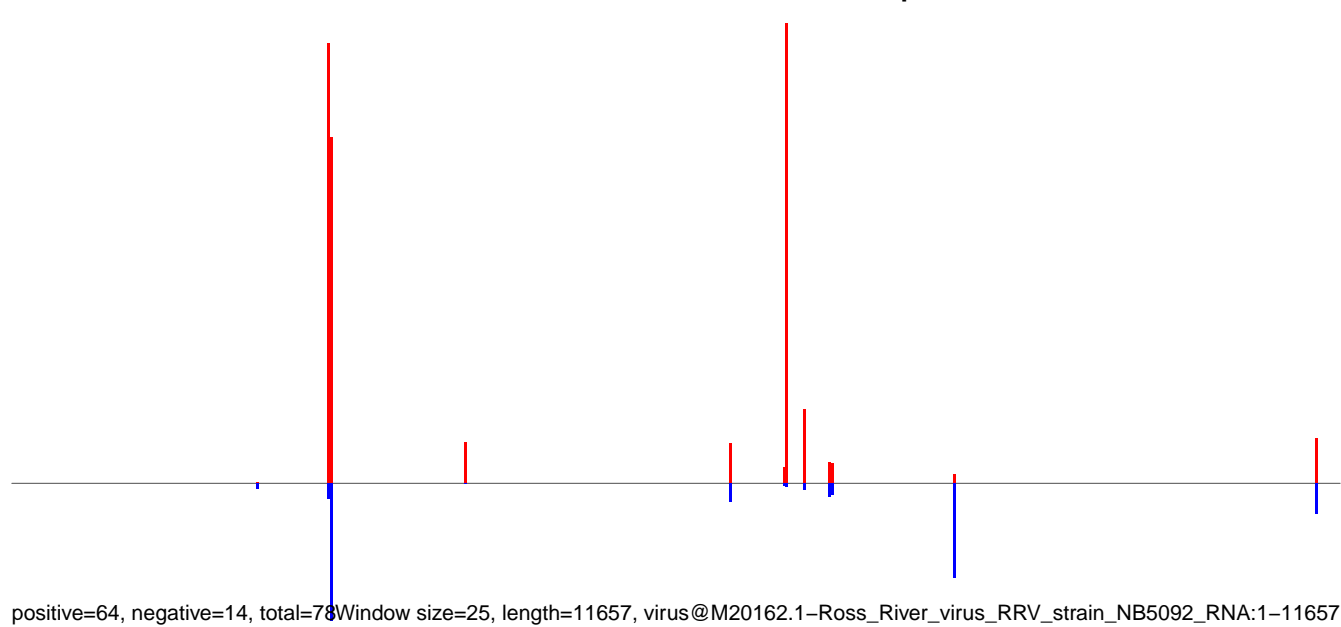
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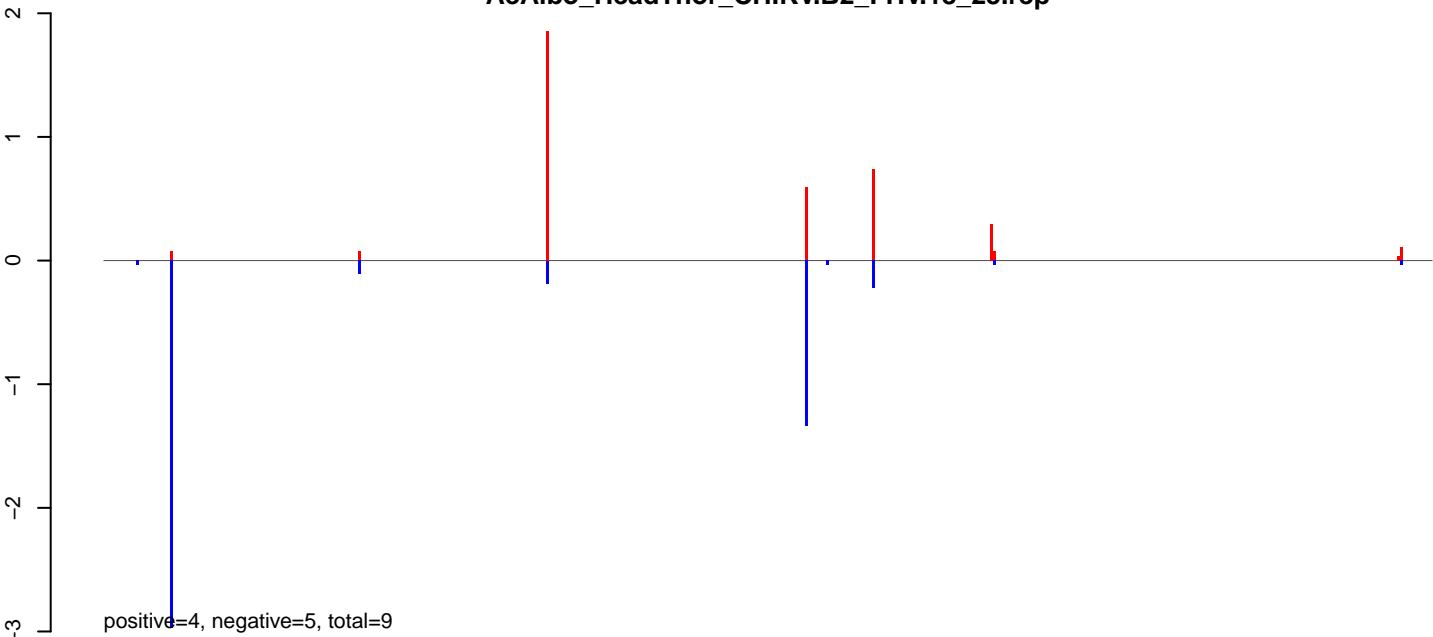
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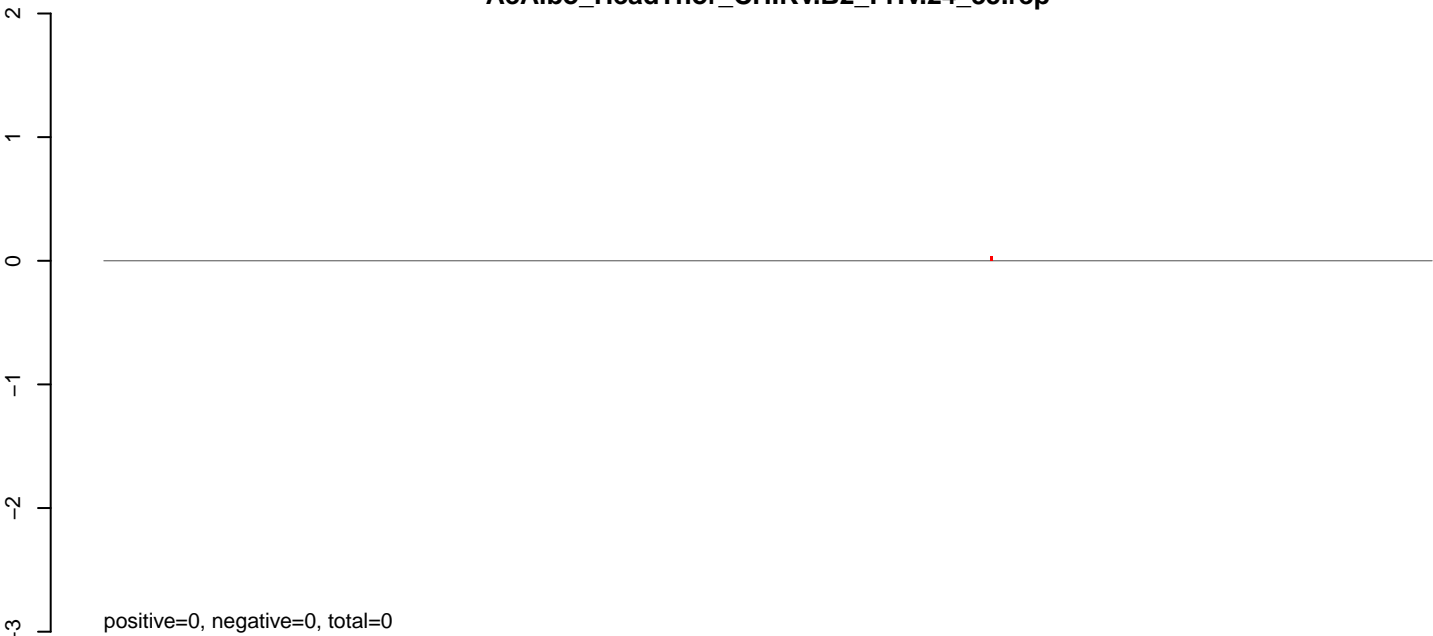
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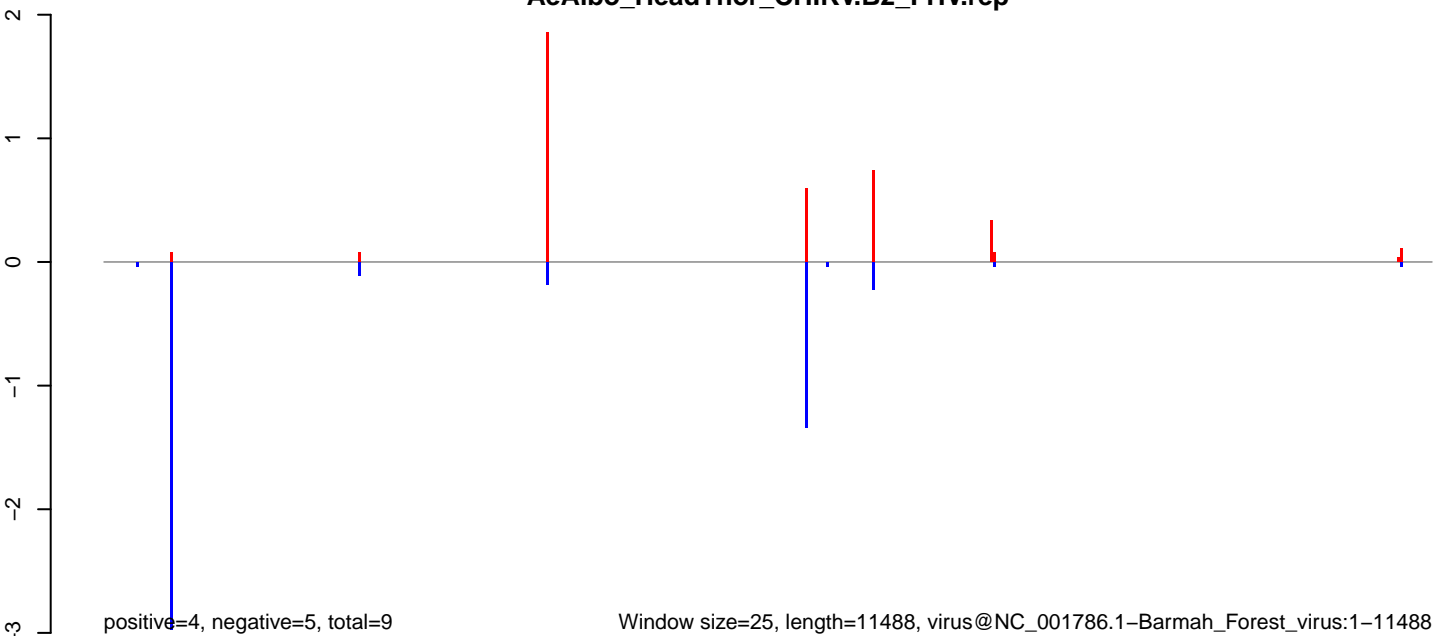
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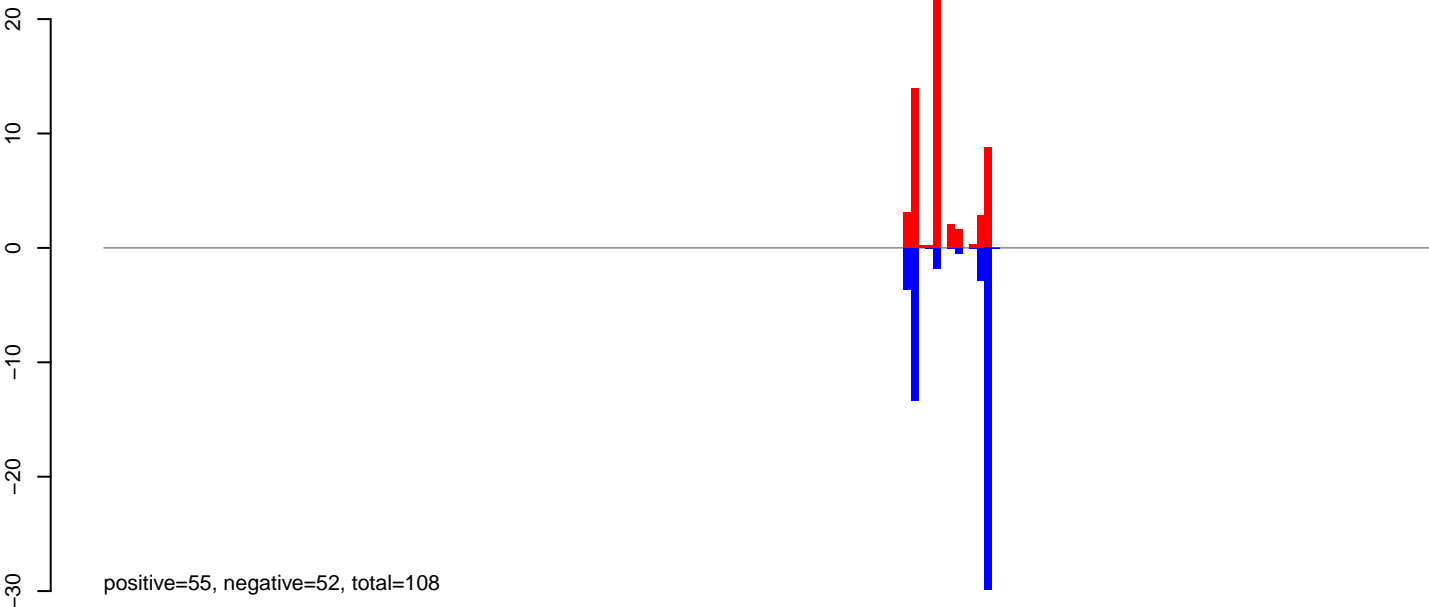
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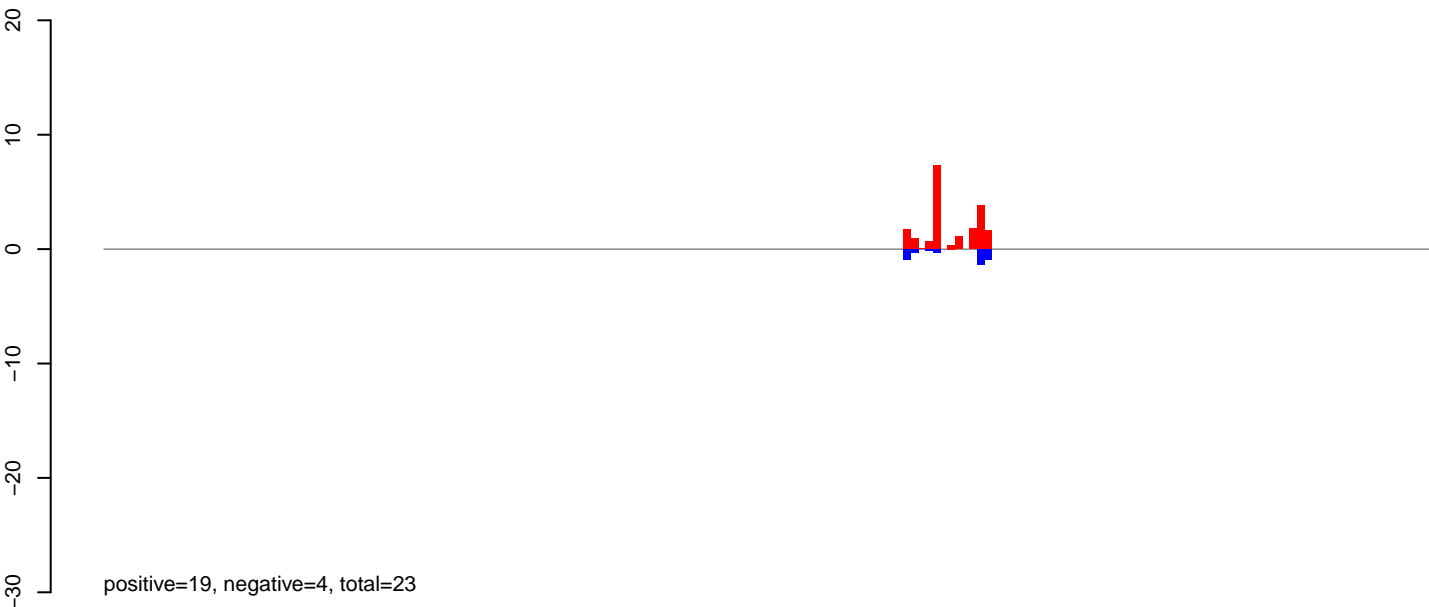
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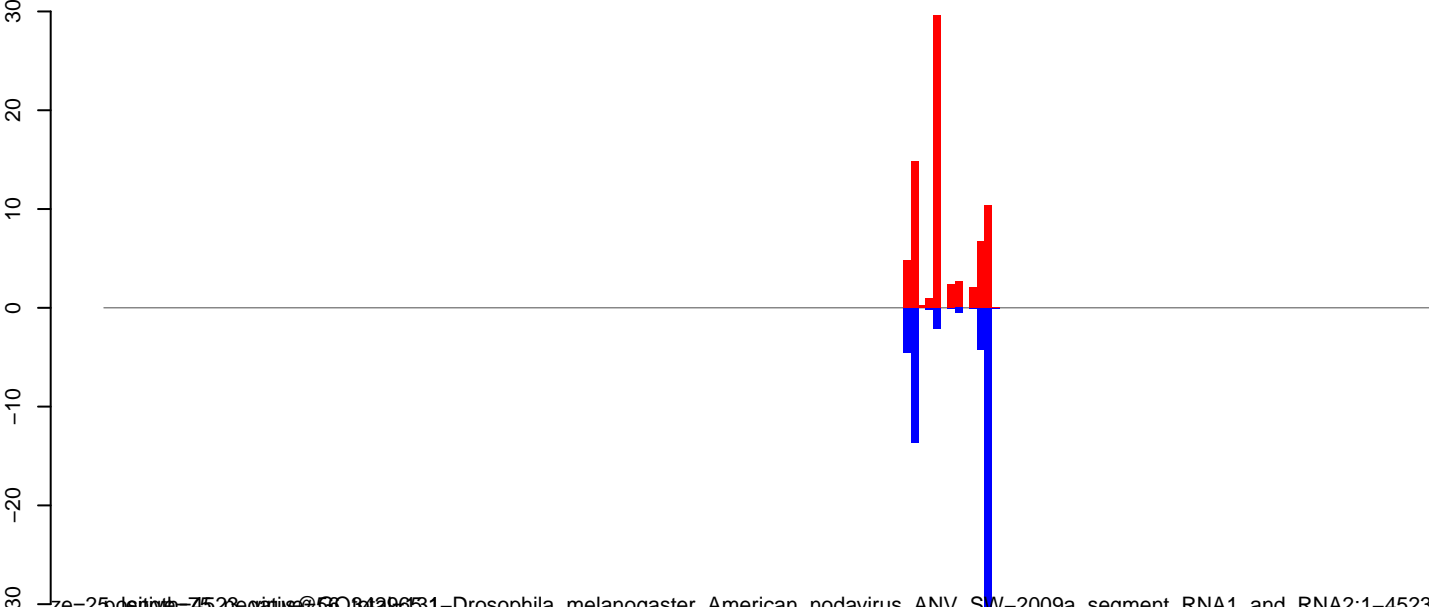
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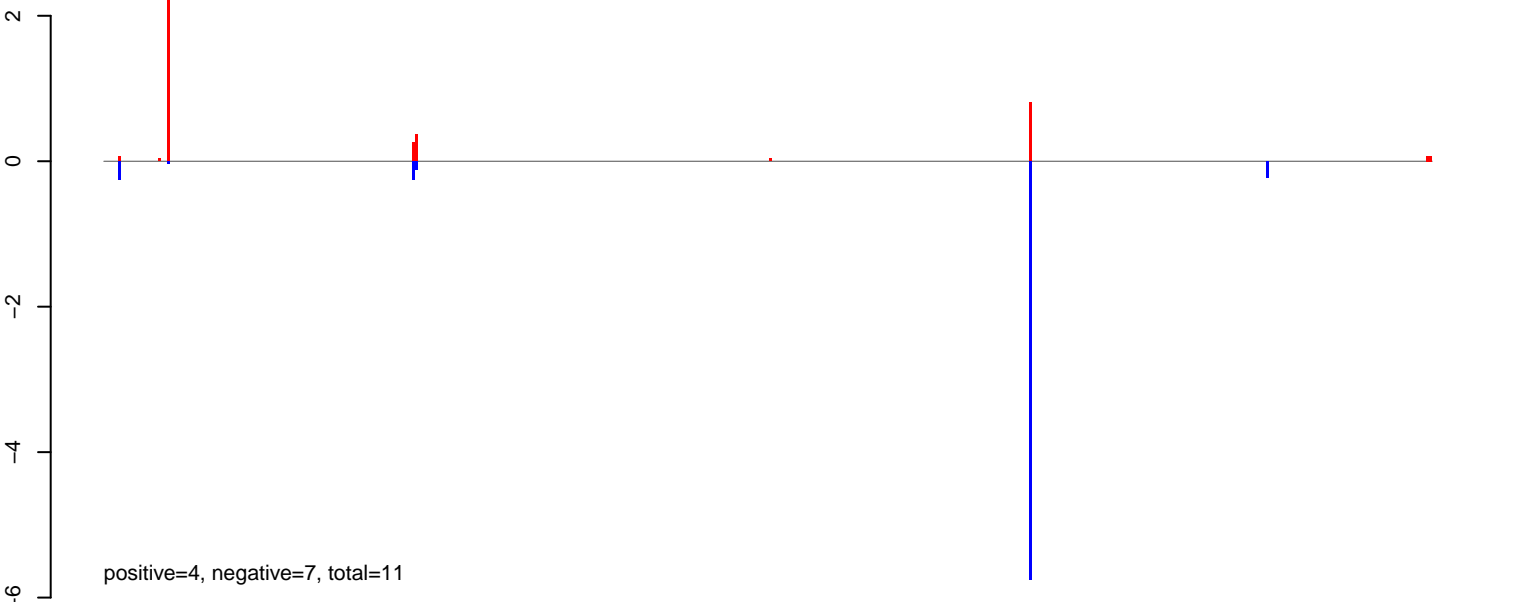
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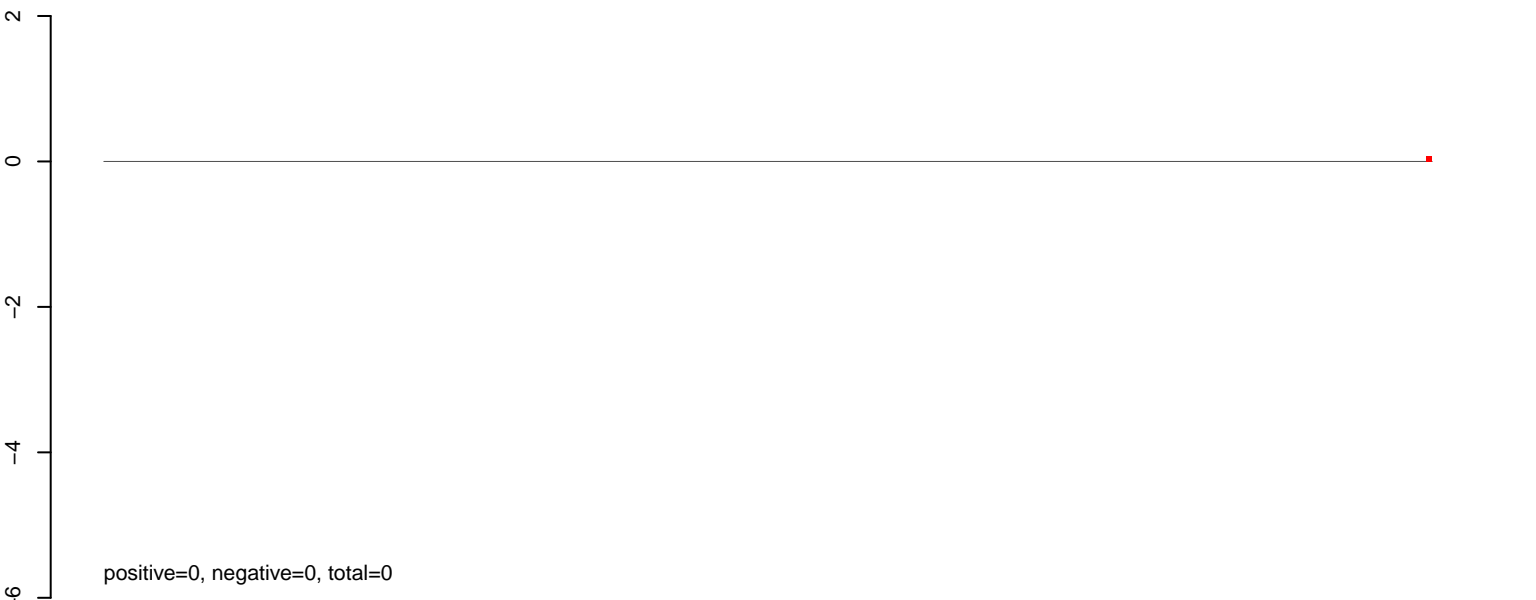
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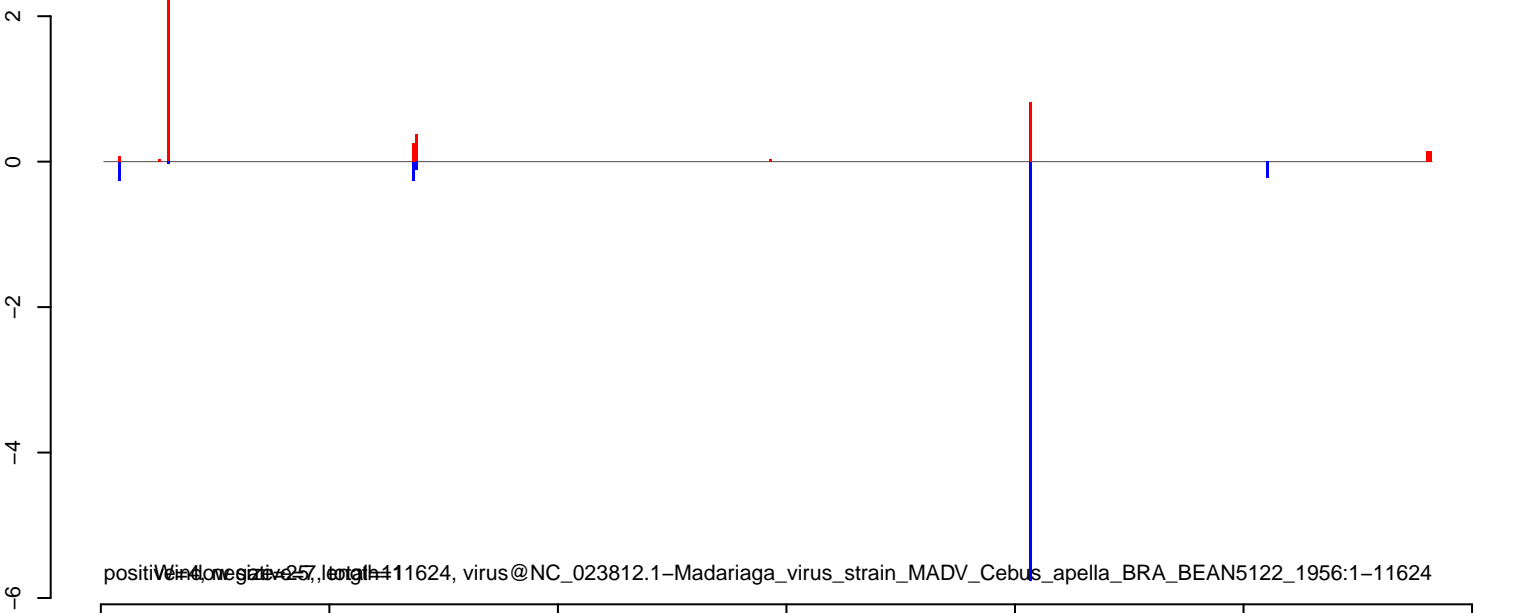
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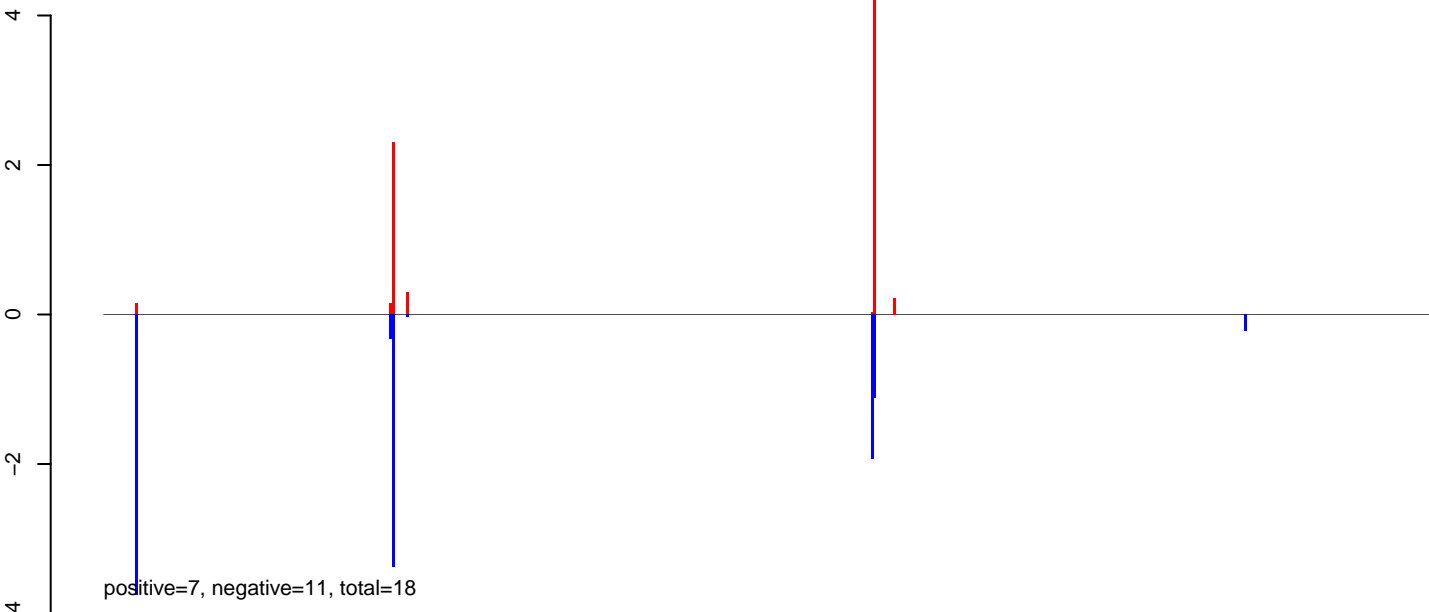


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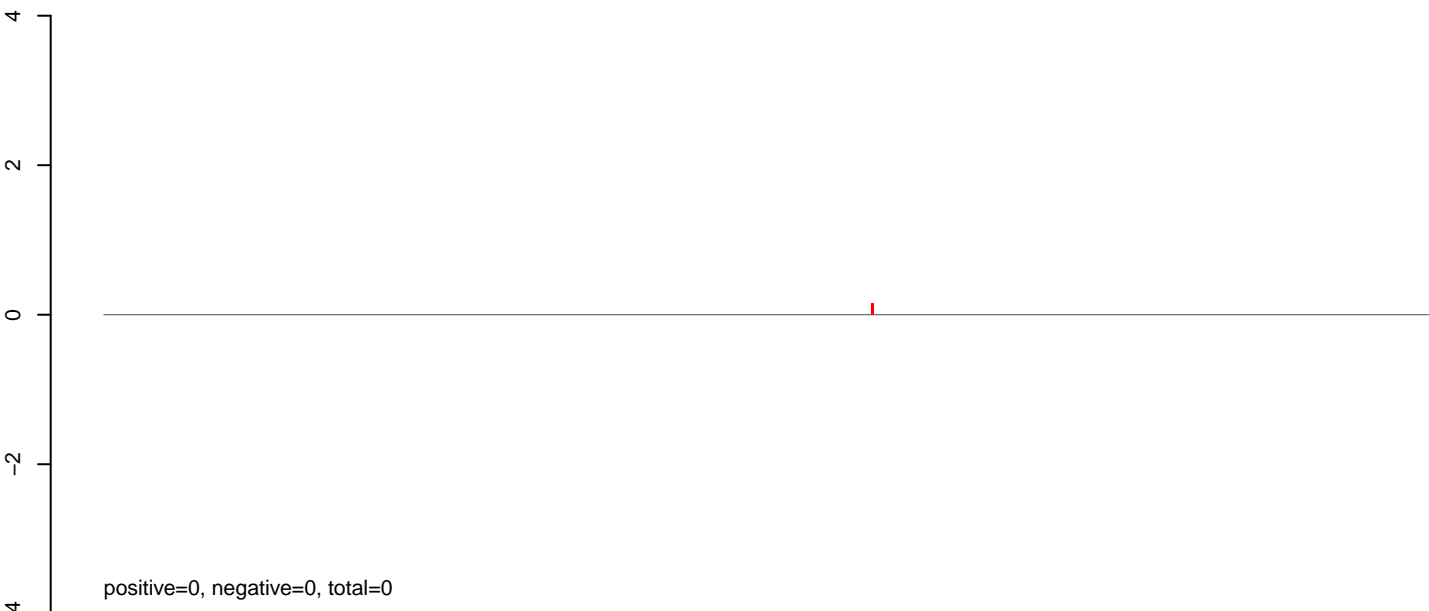


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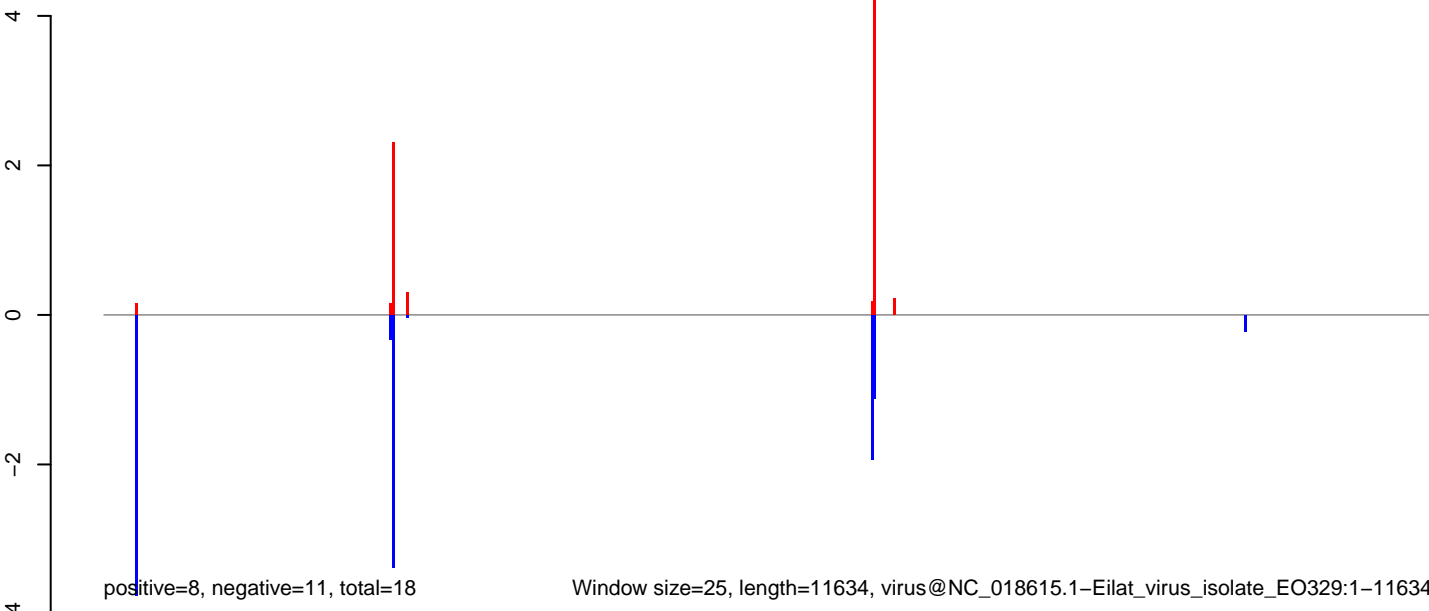
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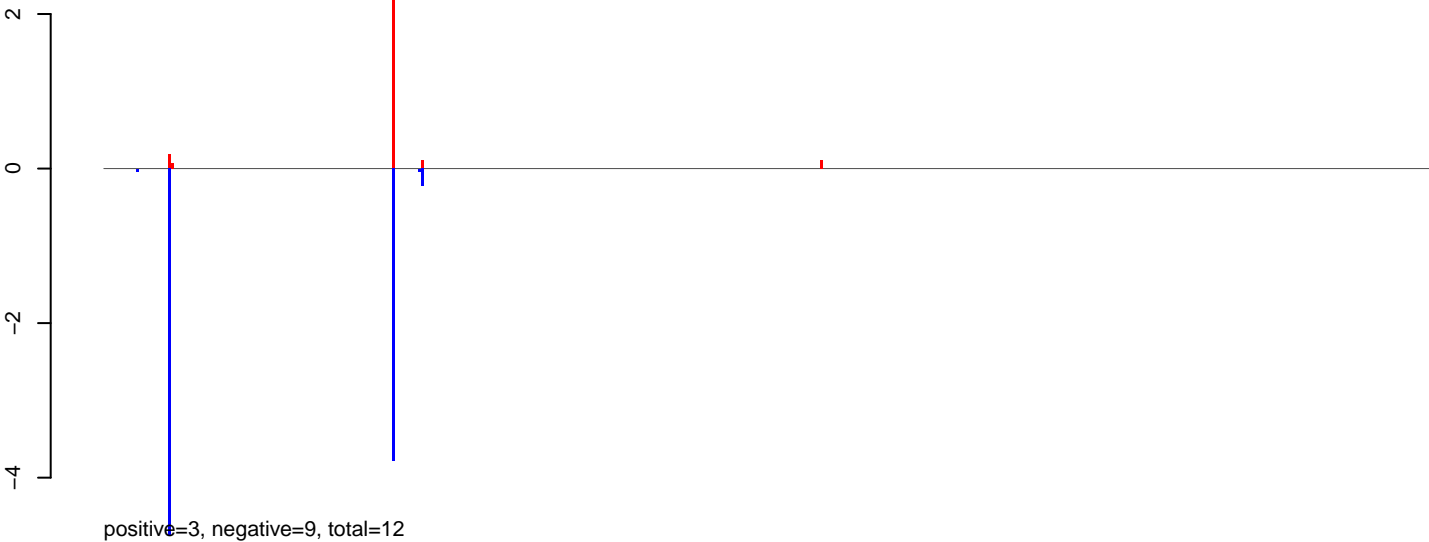
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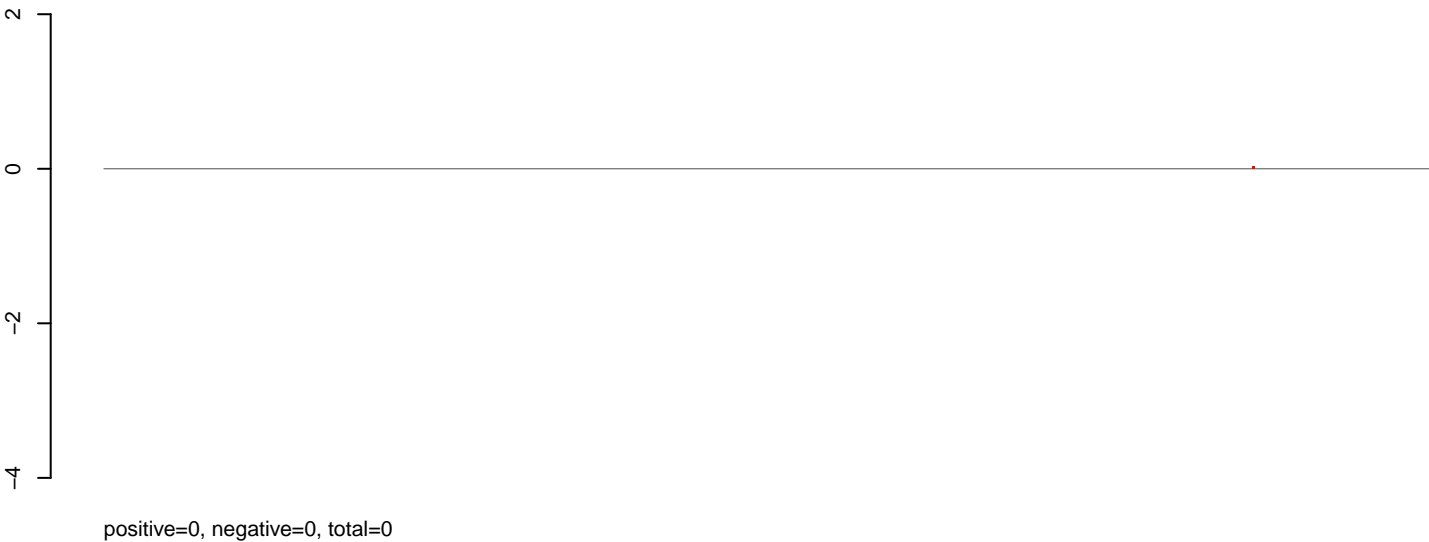
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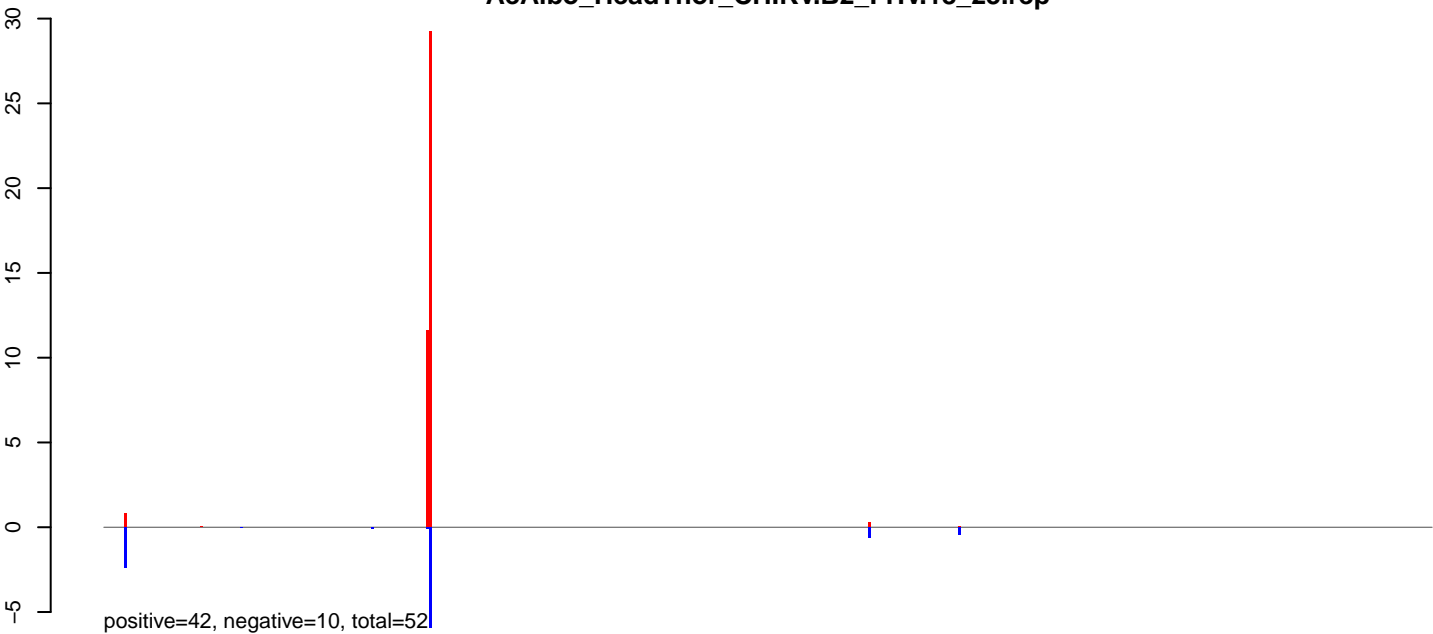
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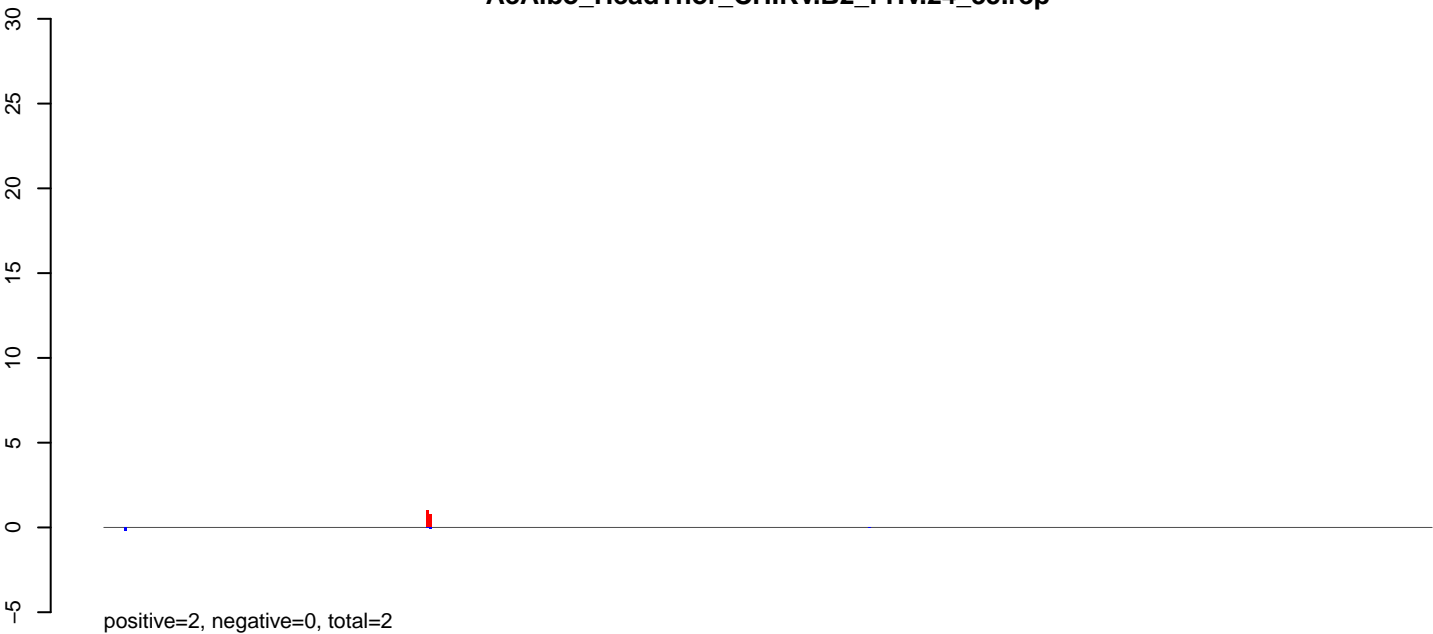
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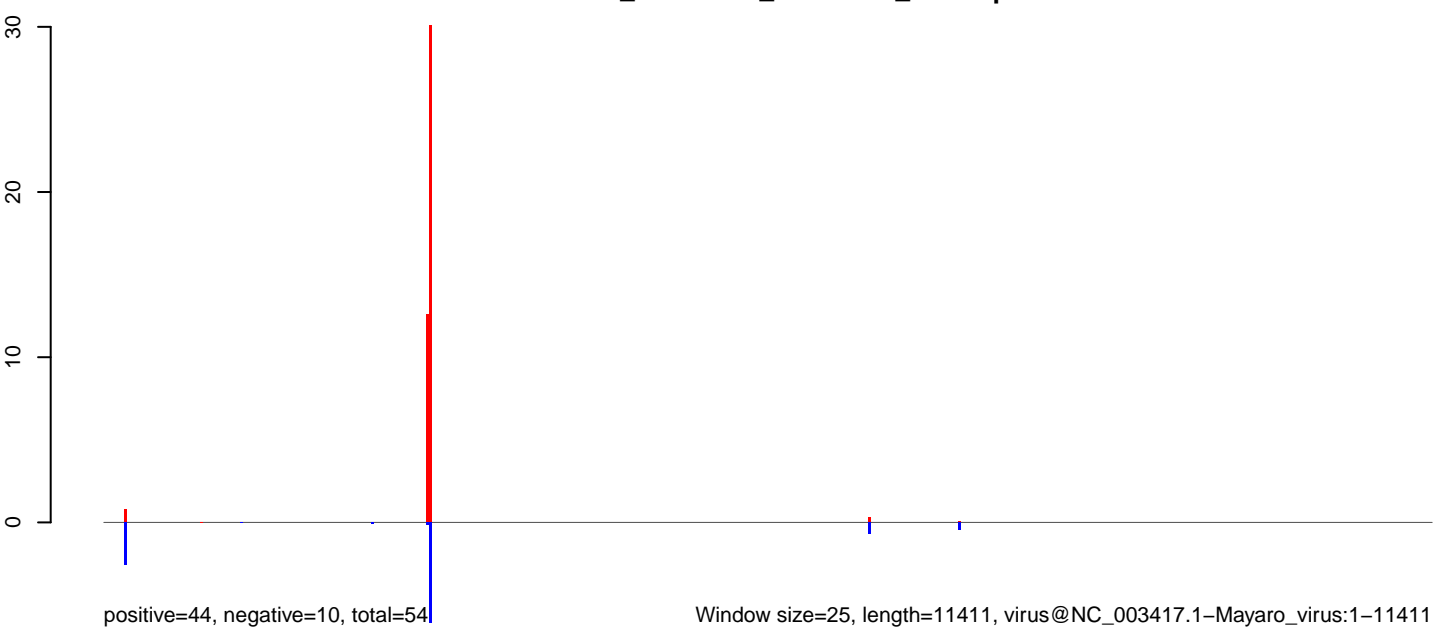
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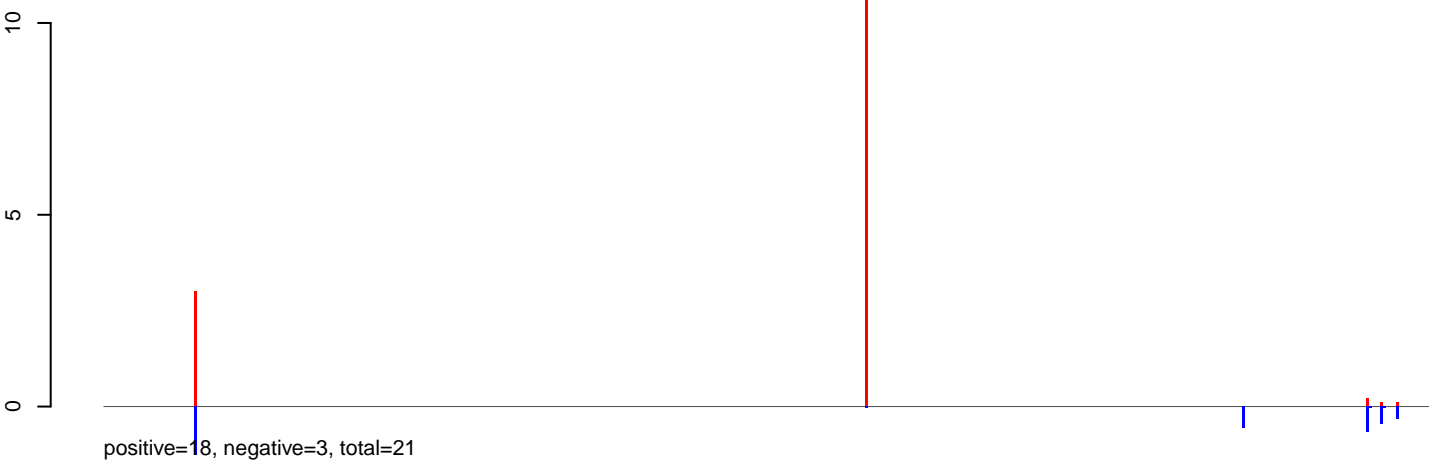
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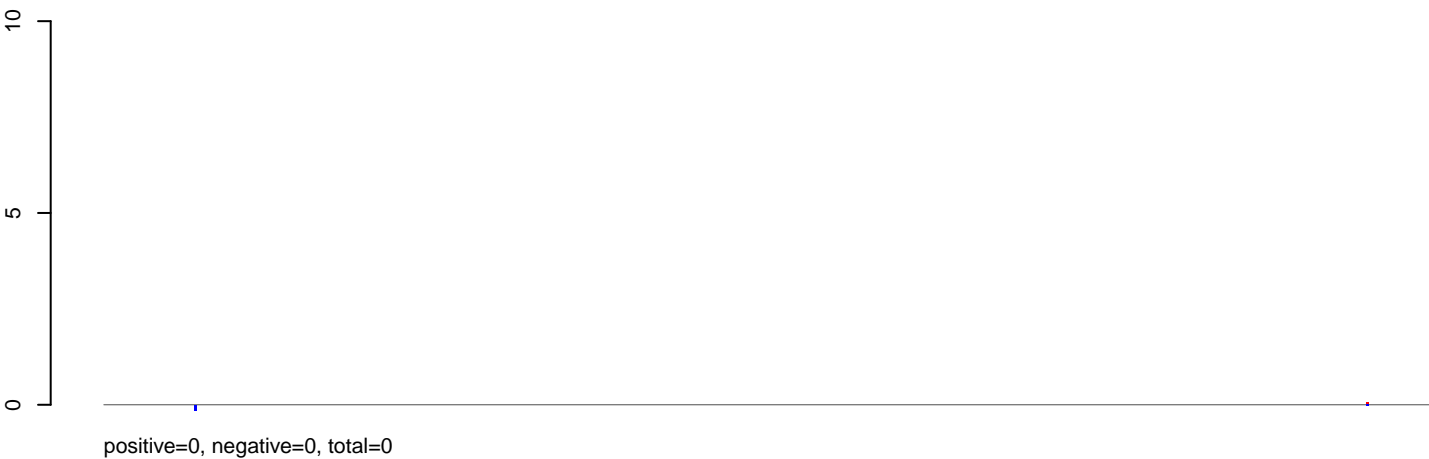
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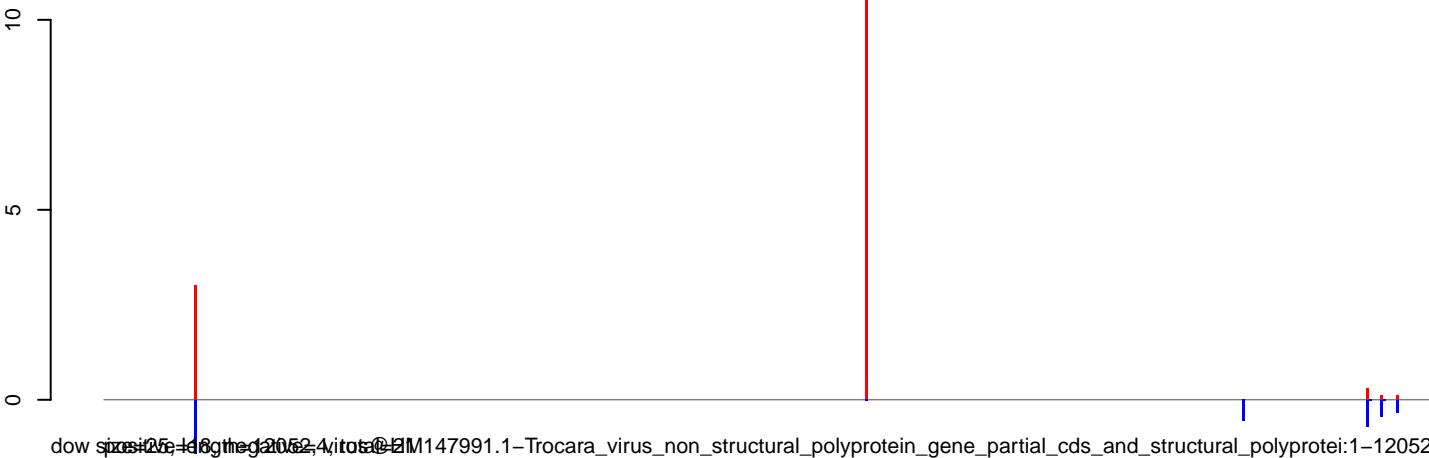
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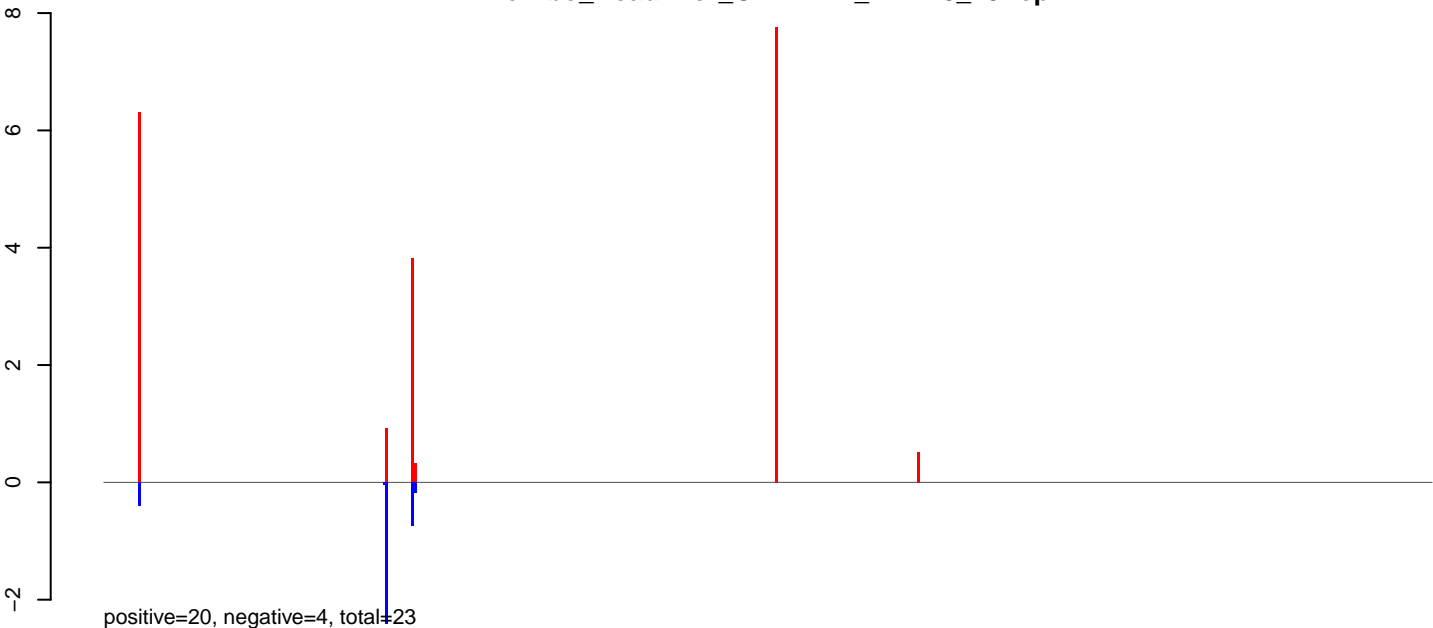
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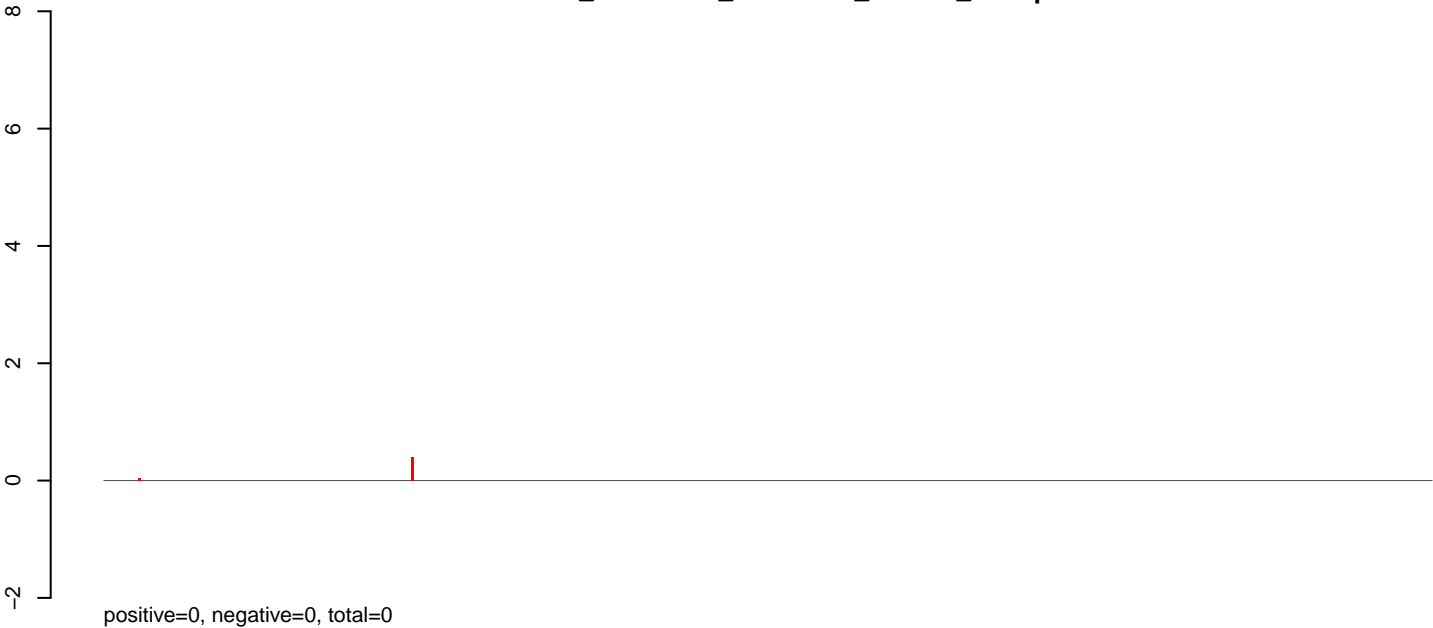
downloaded from the JGI Integrated Genomics Portal (https://www.jgi.doe.gov) | doi:10.25541/chem.147991.1-Trocaravirus_non_structural_polyprotein_gene_partial_cds_and_structural_polyprotei:1-12052

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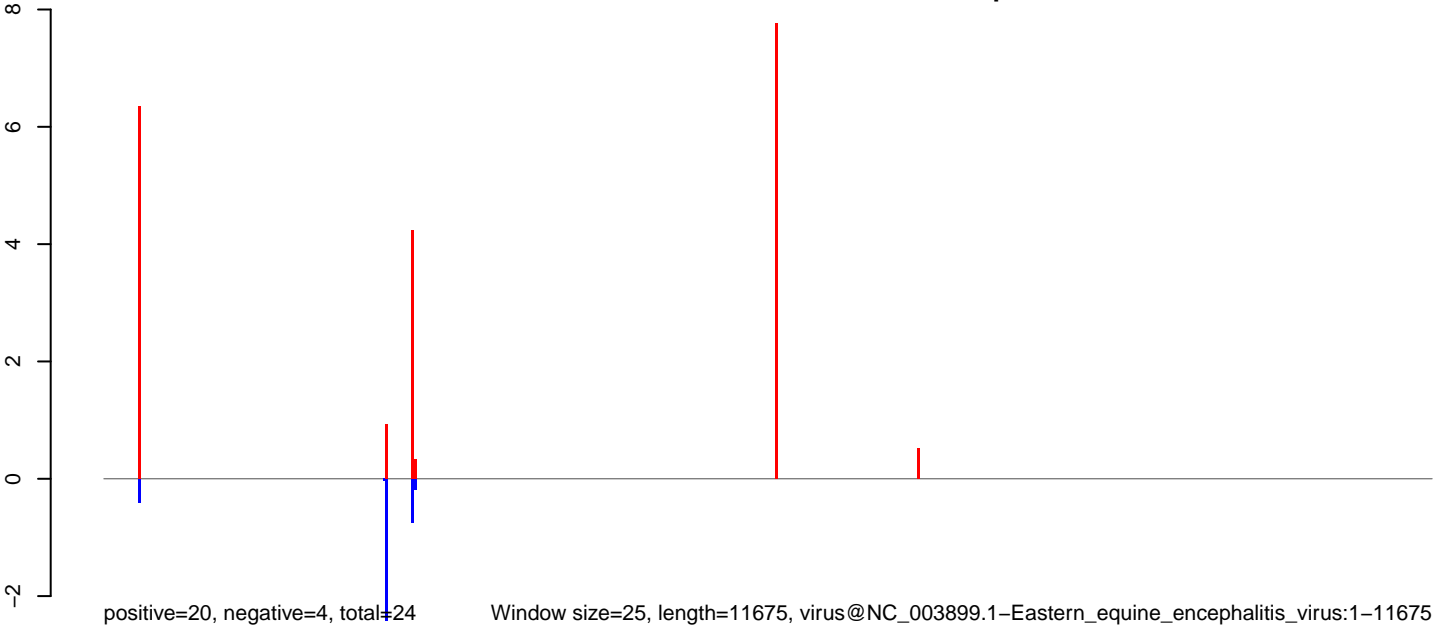
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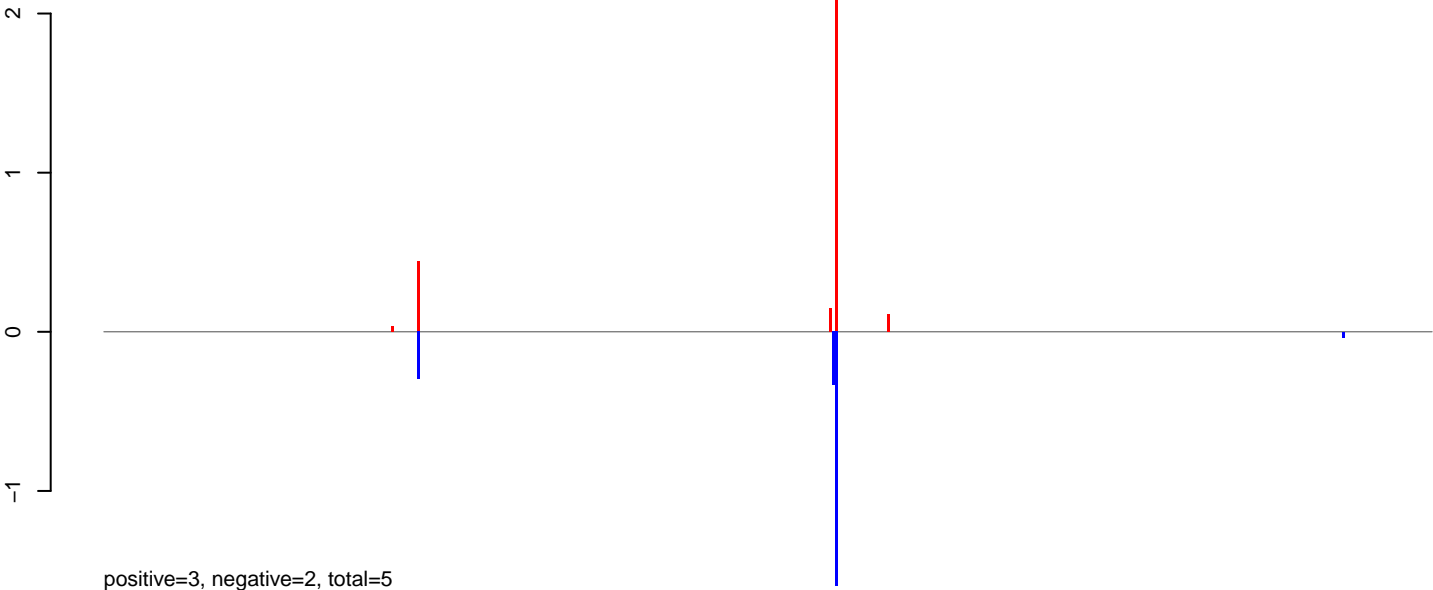
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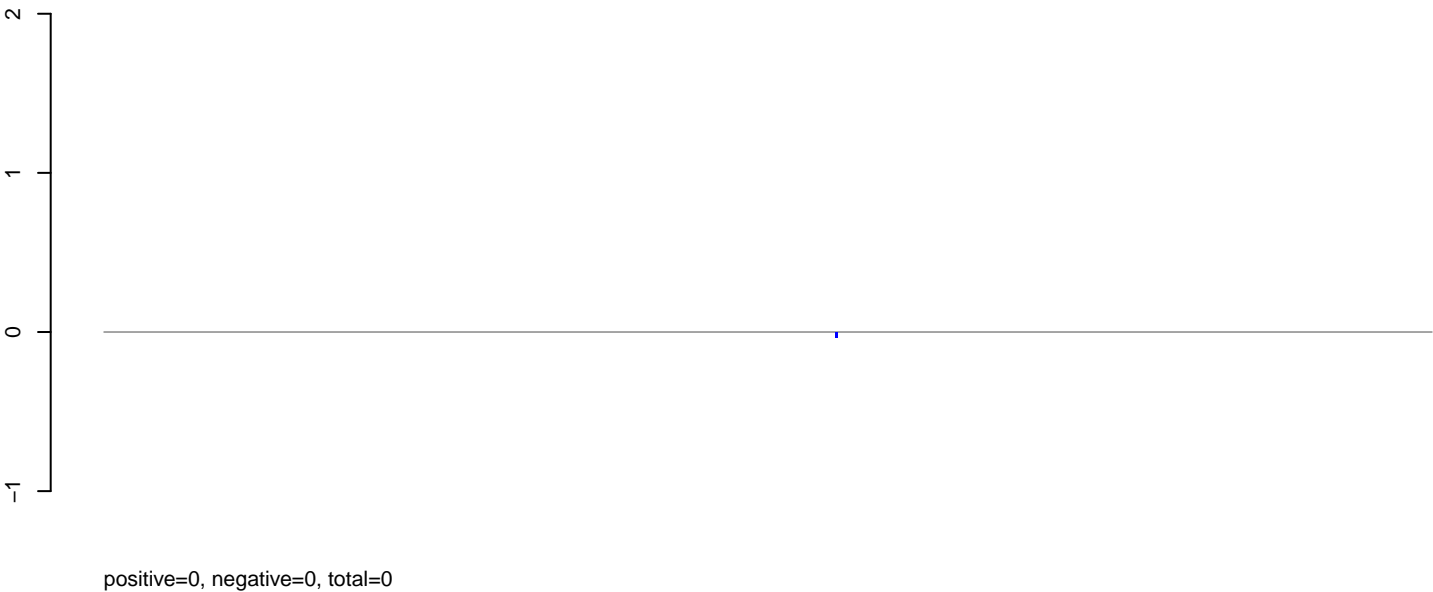
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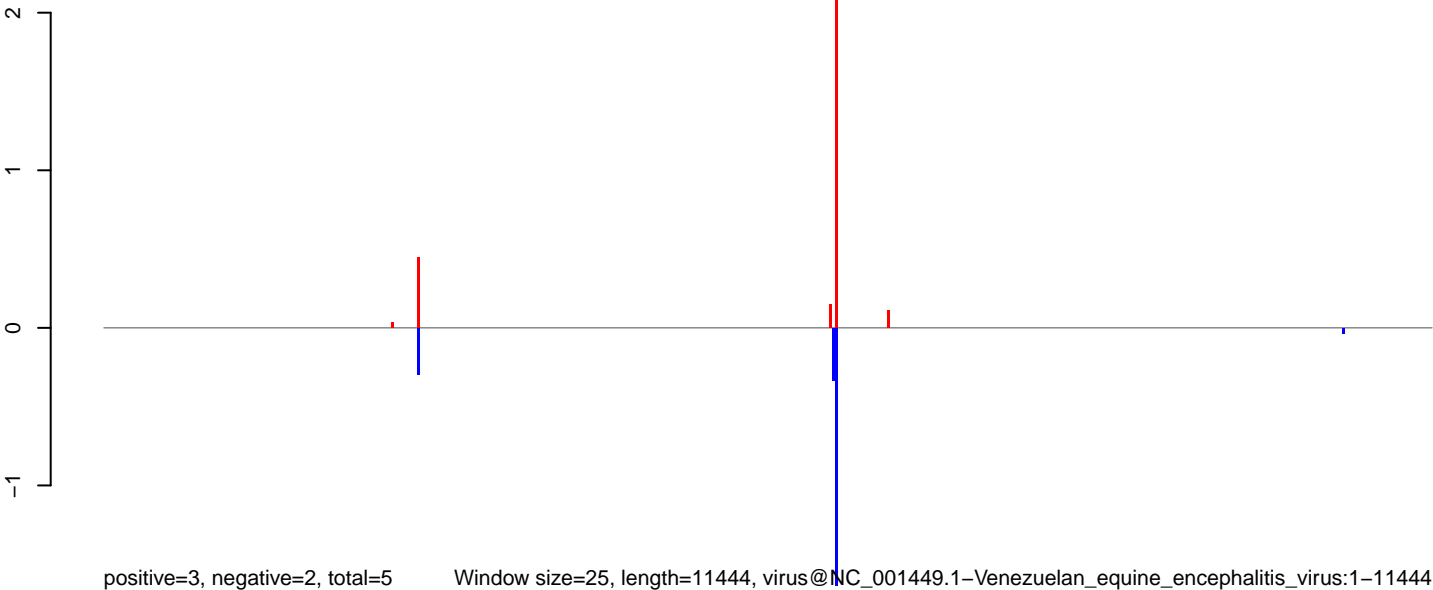
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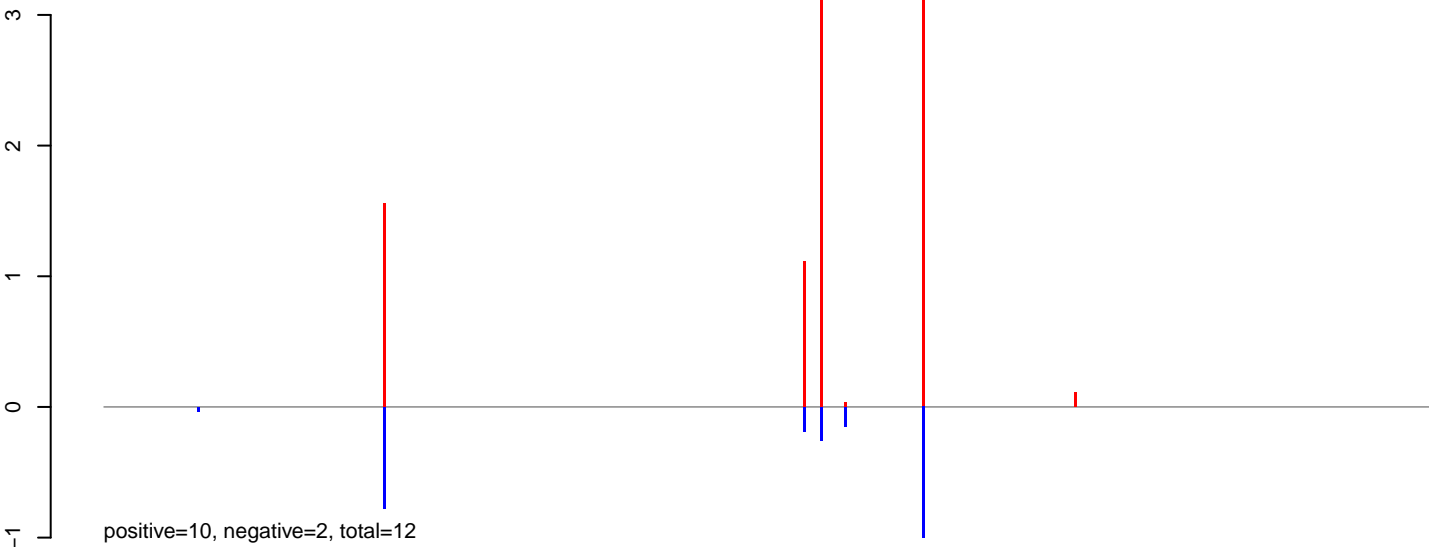


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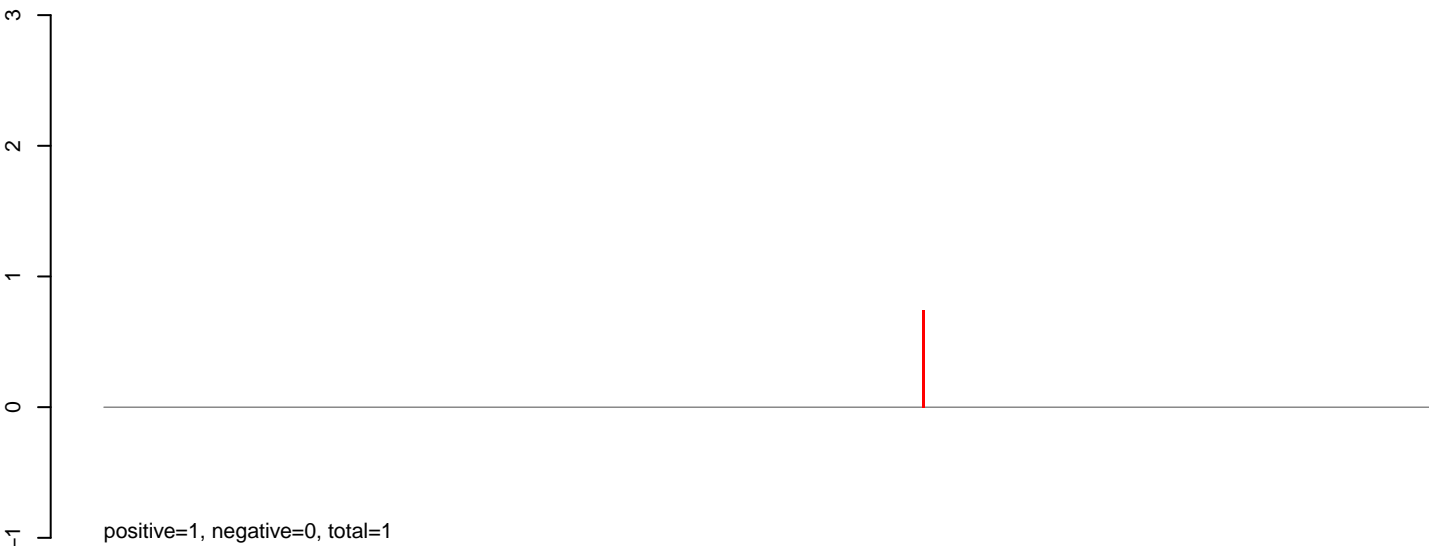
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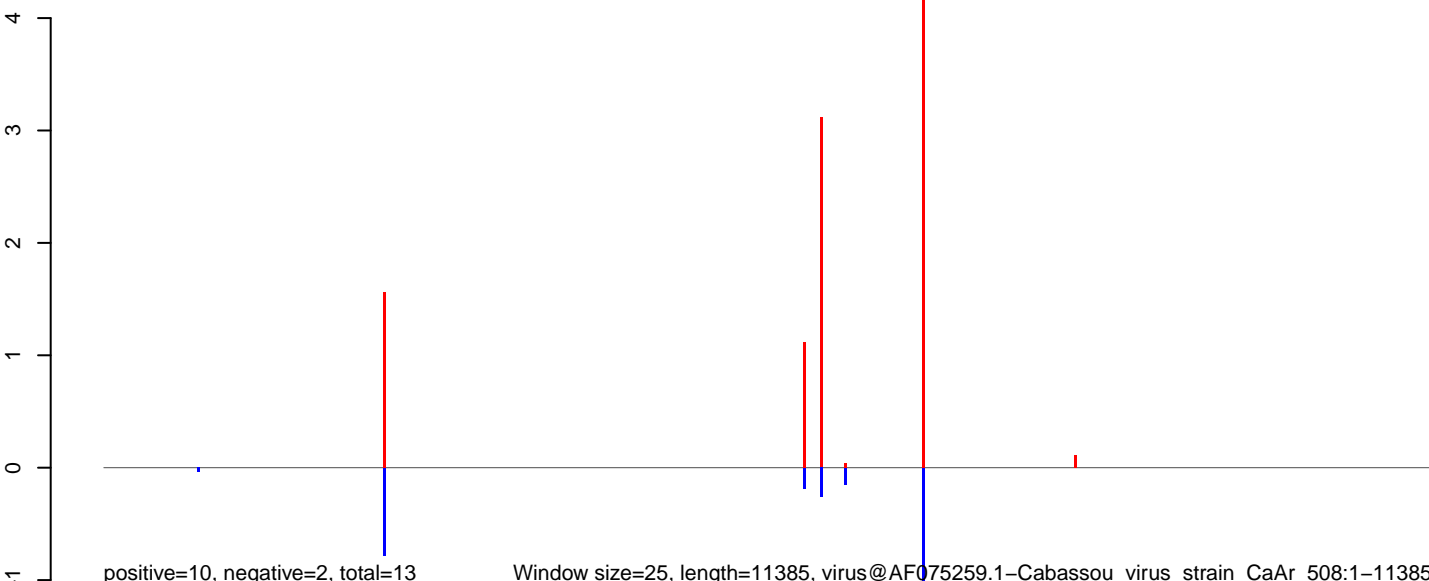
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



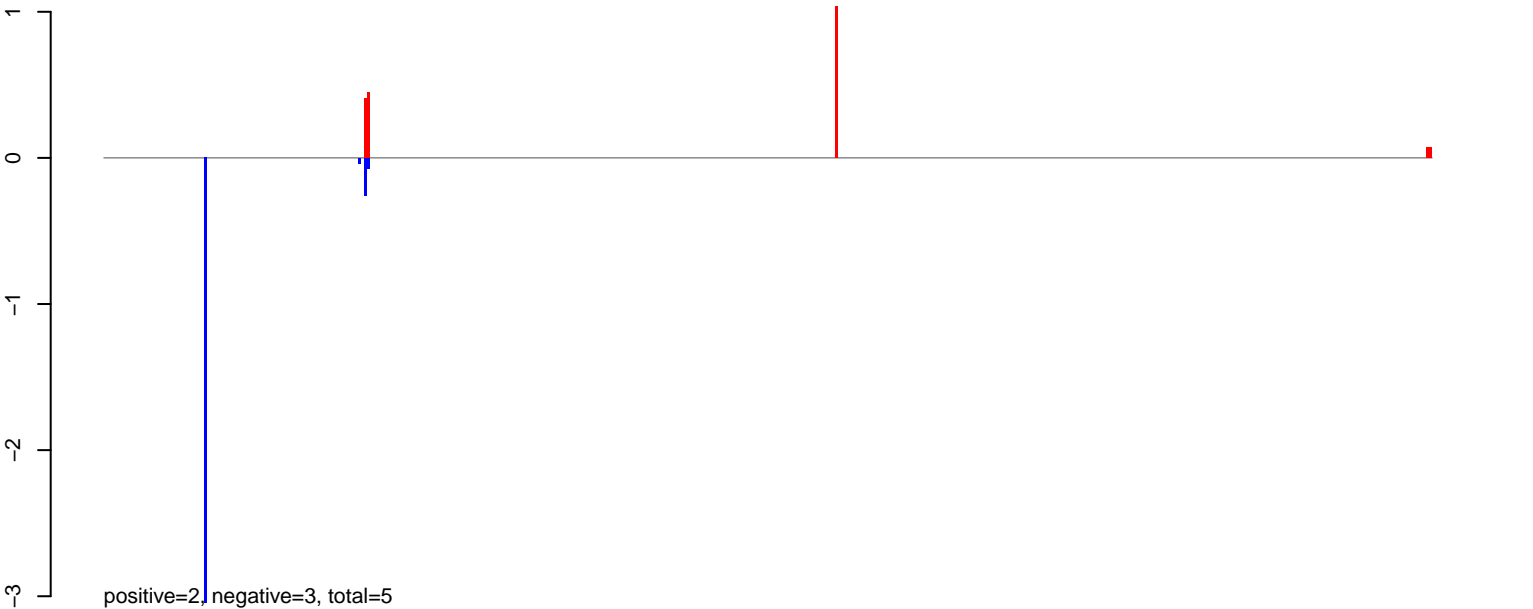
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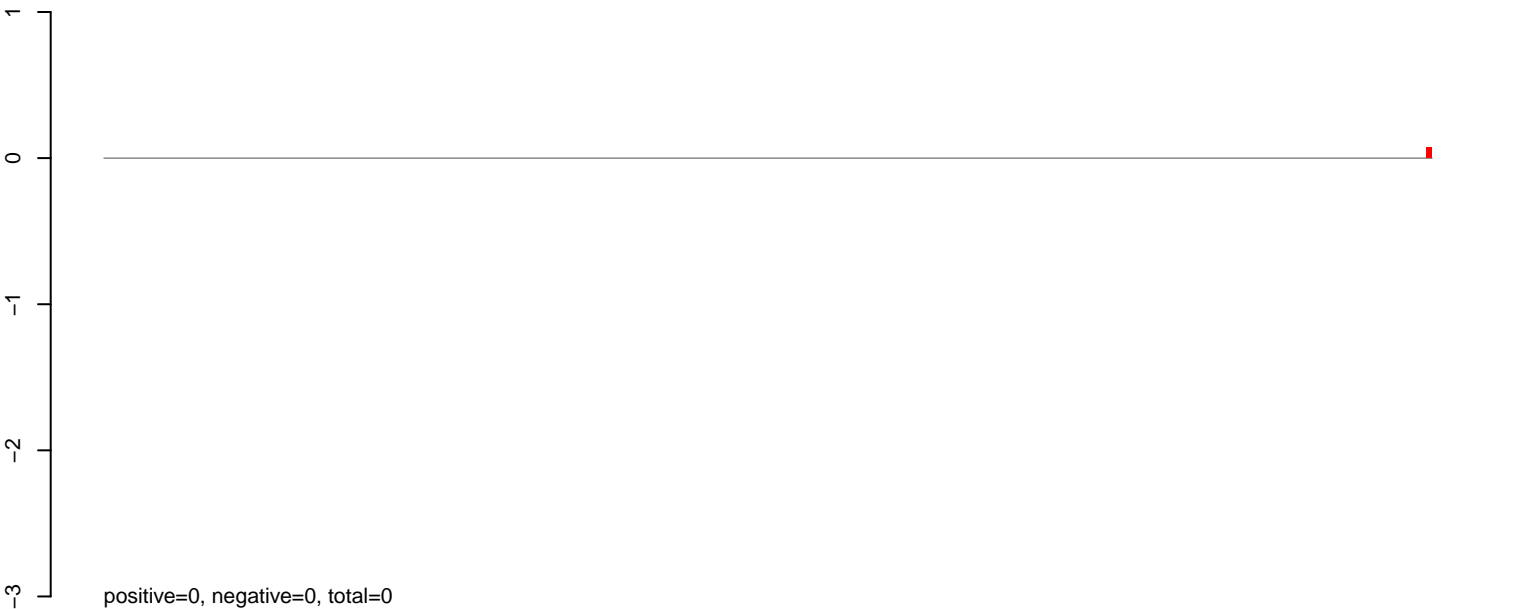
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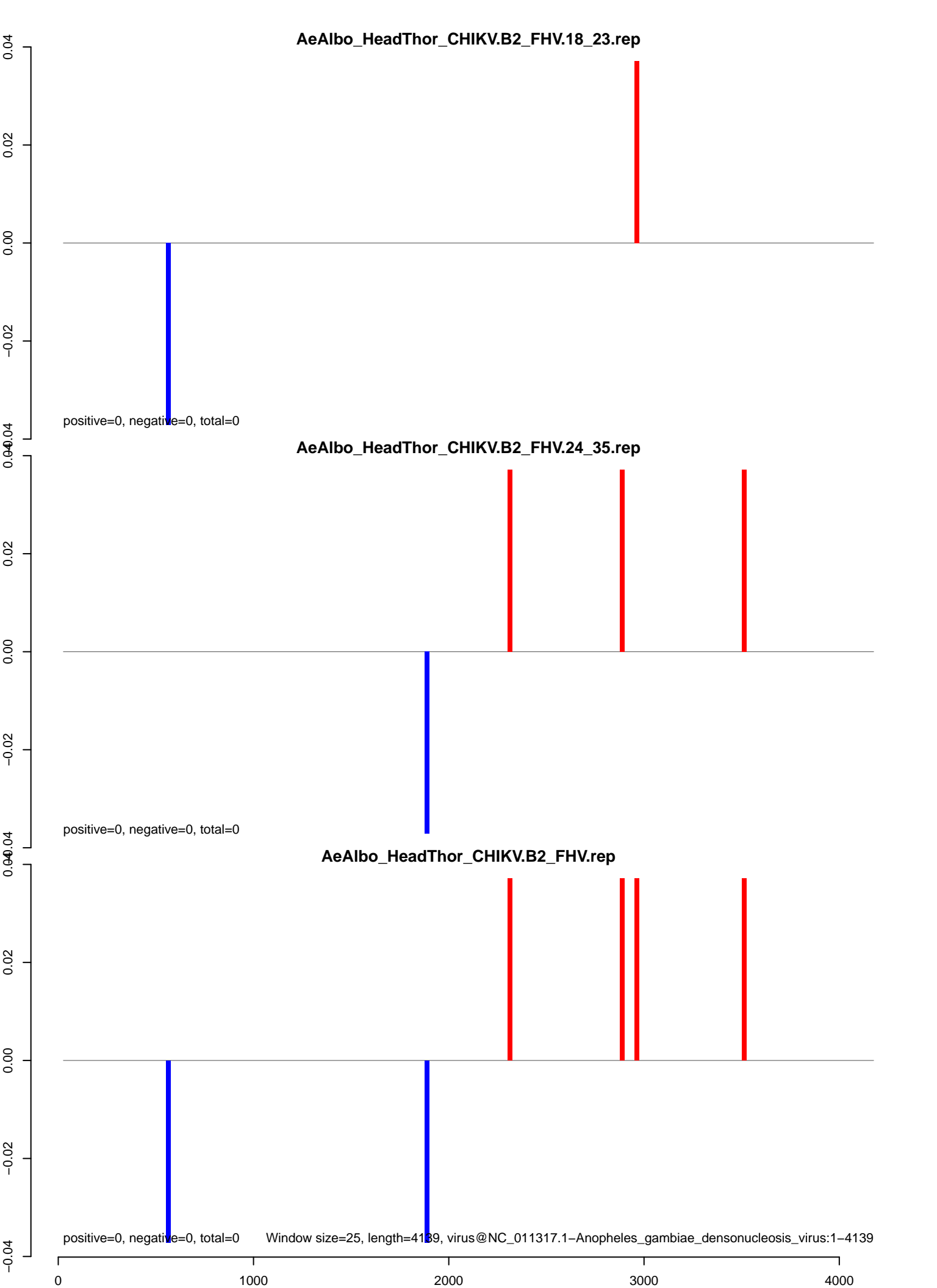


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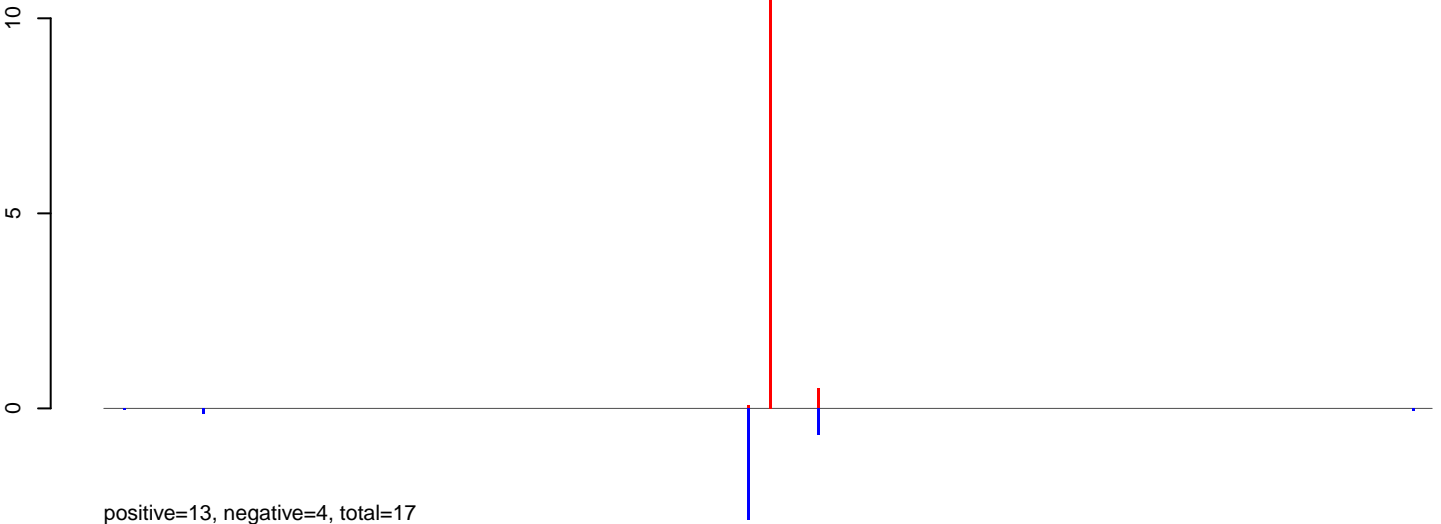


AeAlbo_HeadThor_CHIKV.B2_FHV.rep

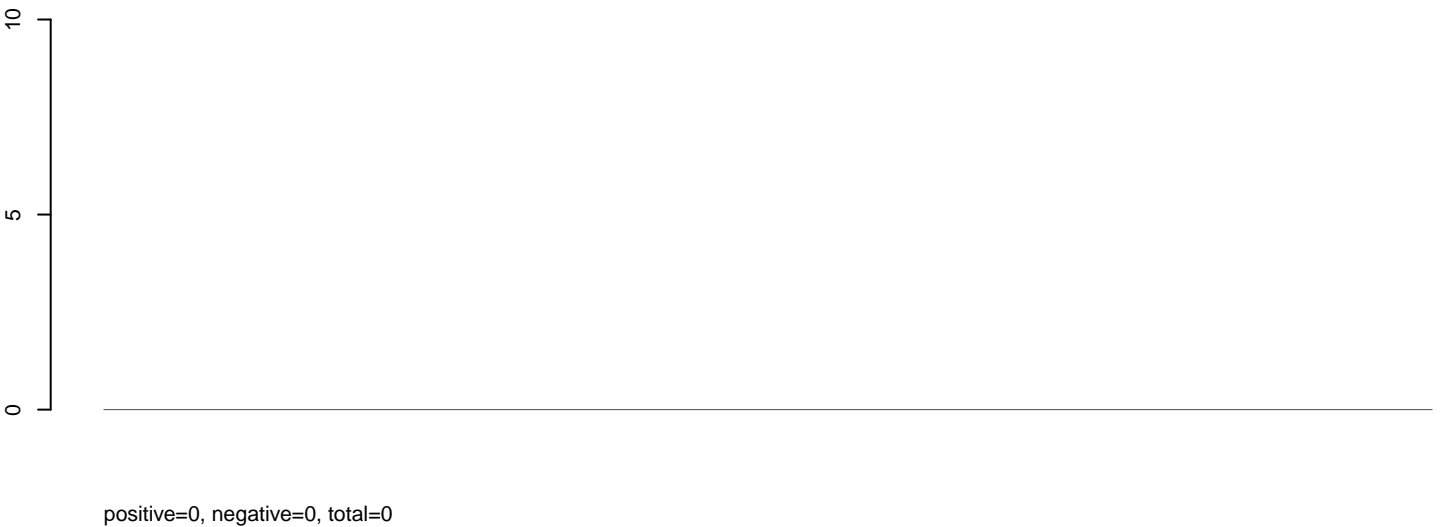




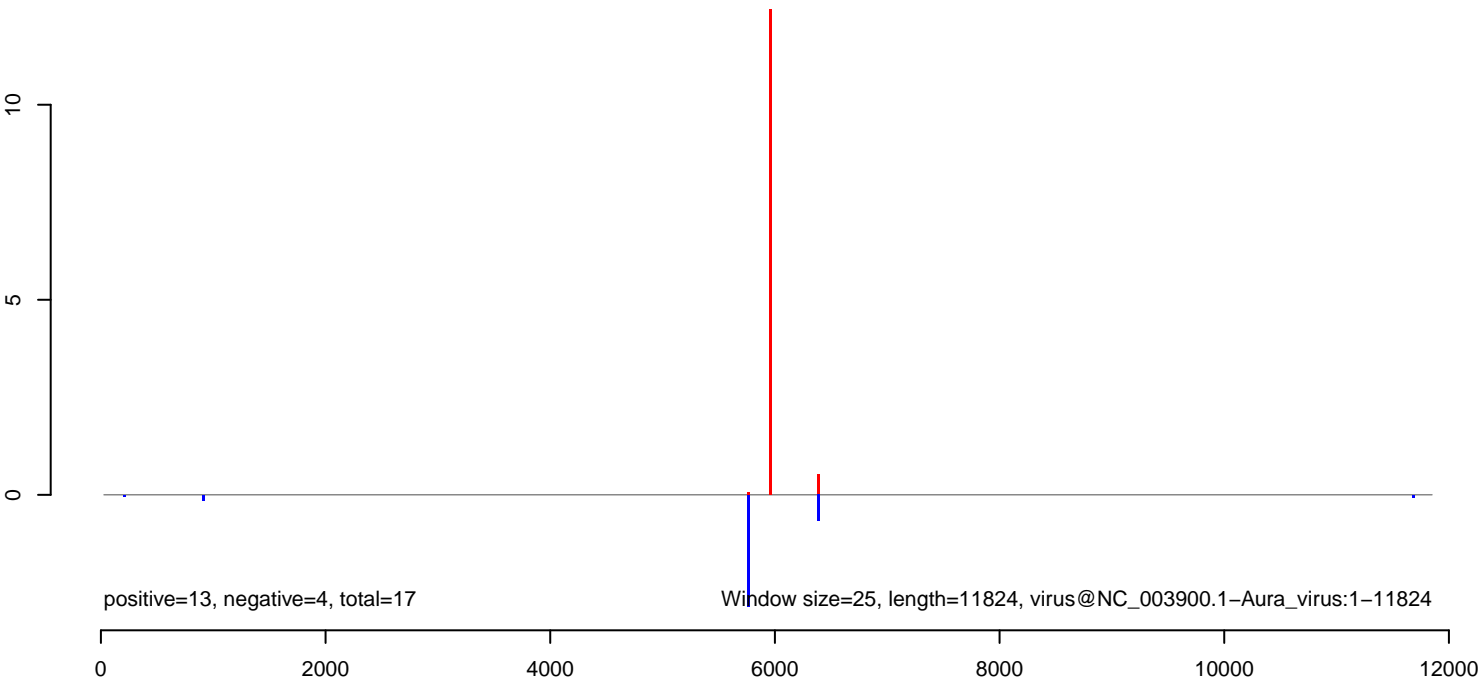
AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep

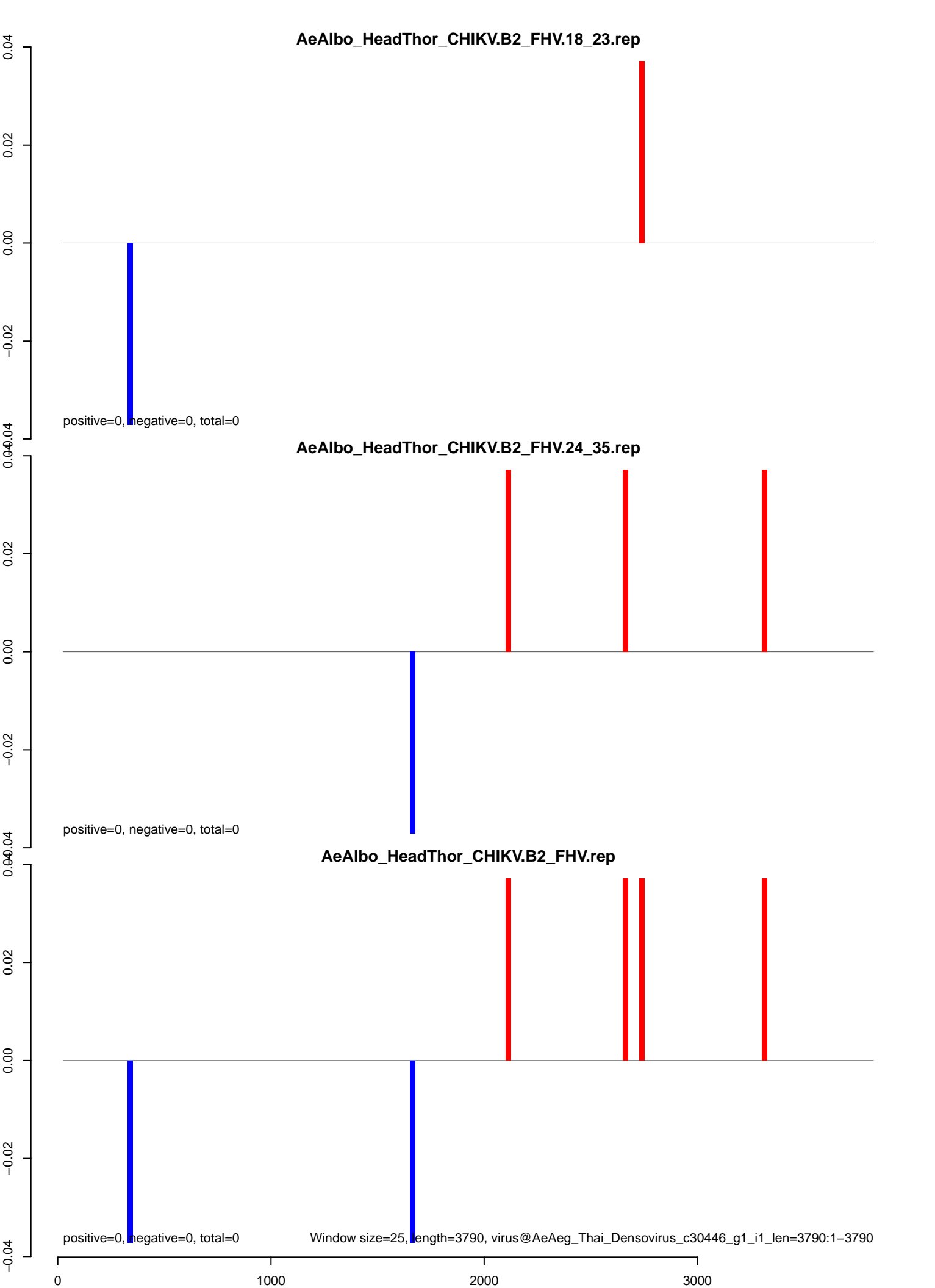


AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

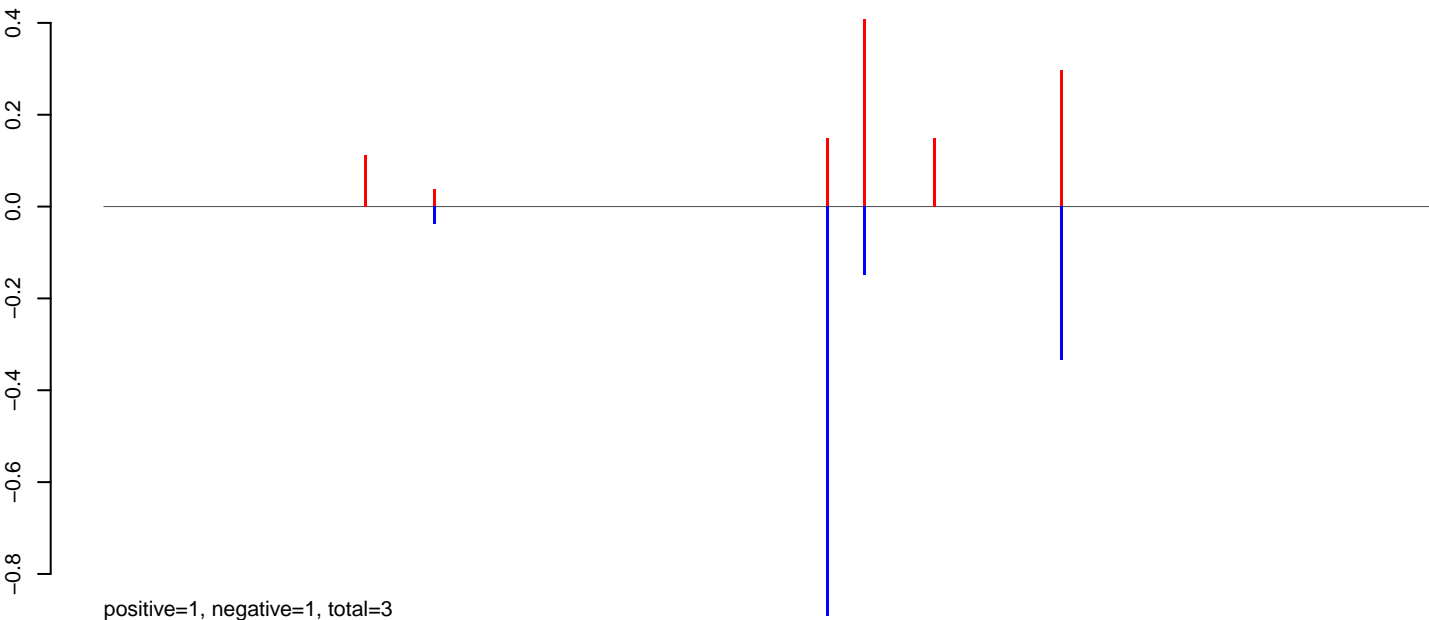


AeAlbo_HeadThor_CHIKV.B2_FHV.rep

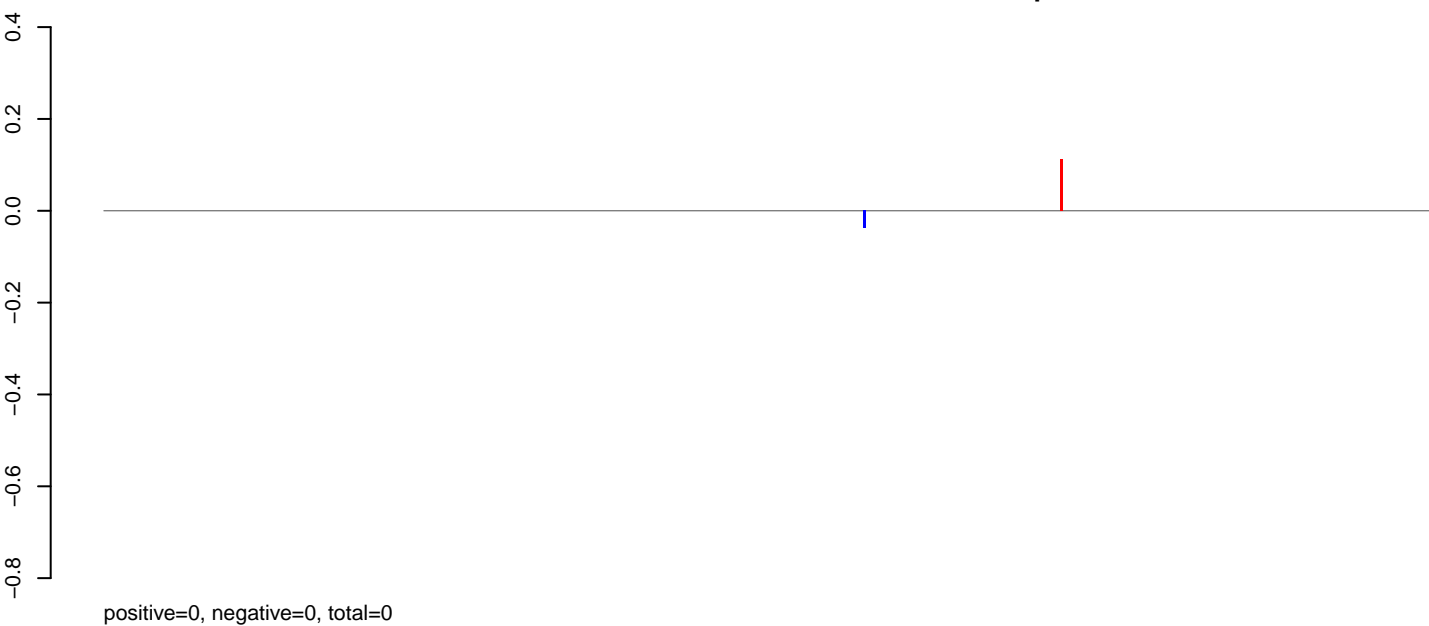




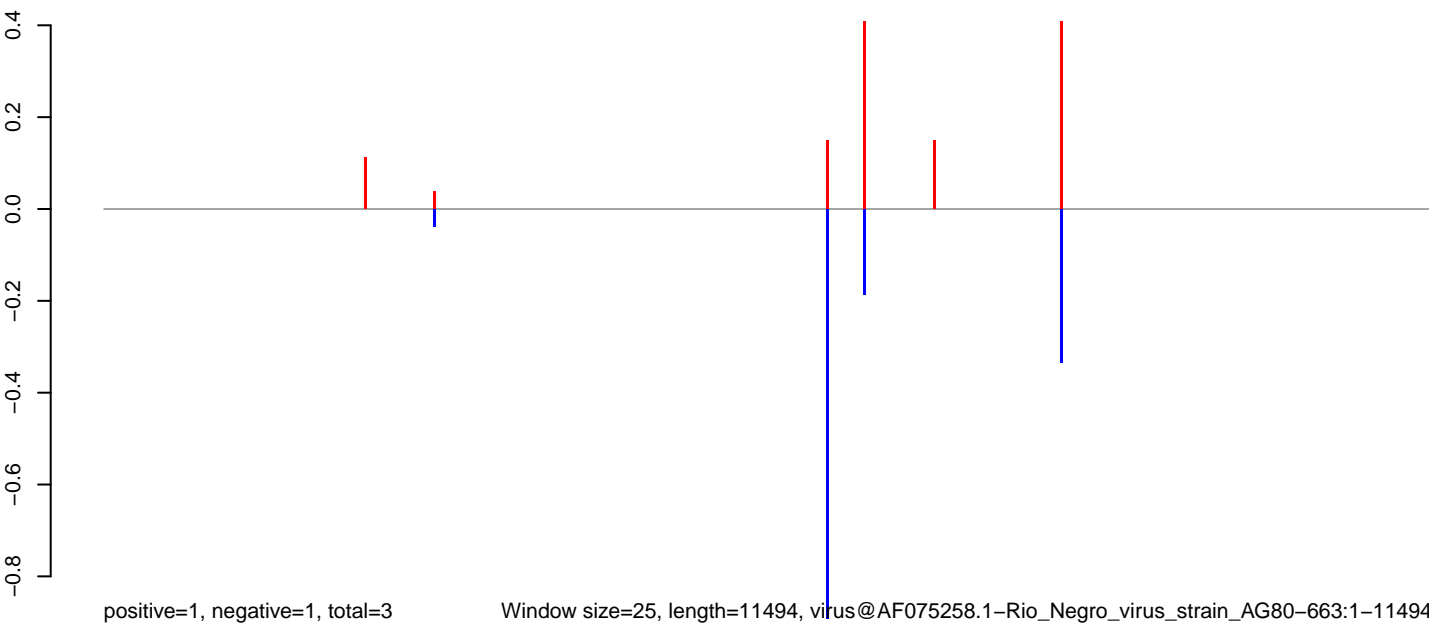
AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

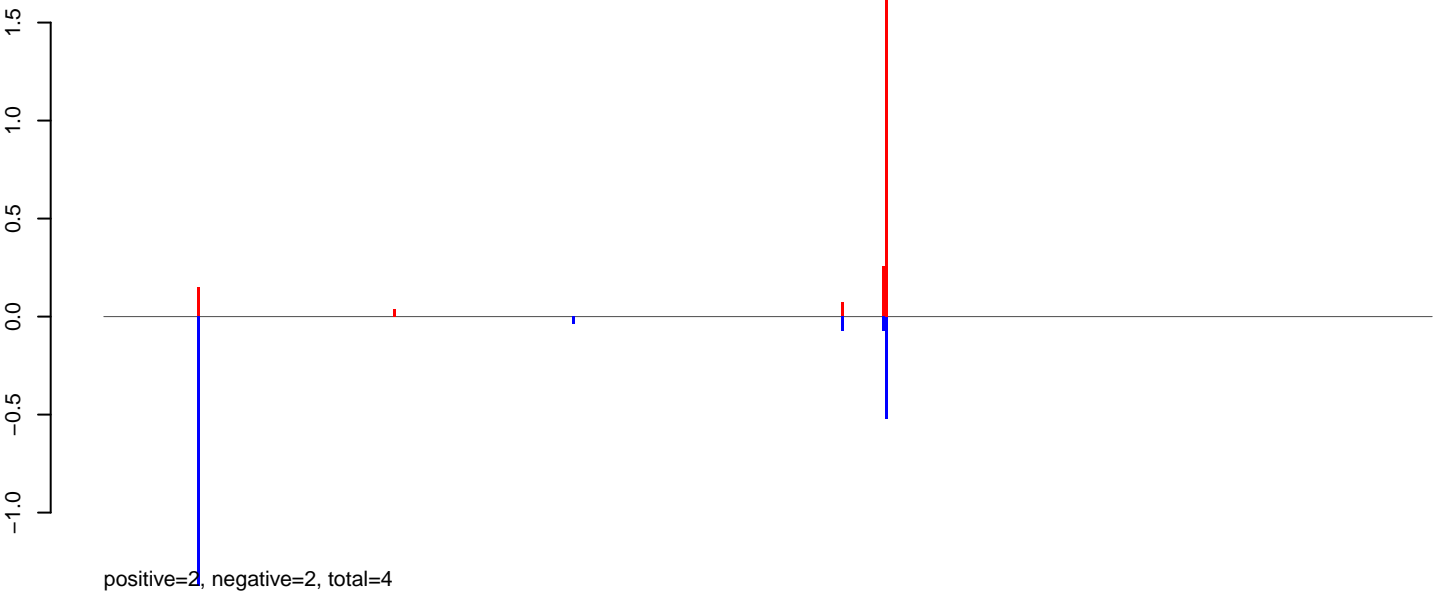


AeAlbo_HeadThor_CHIKV.B2_FHV.rep

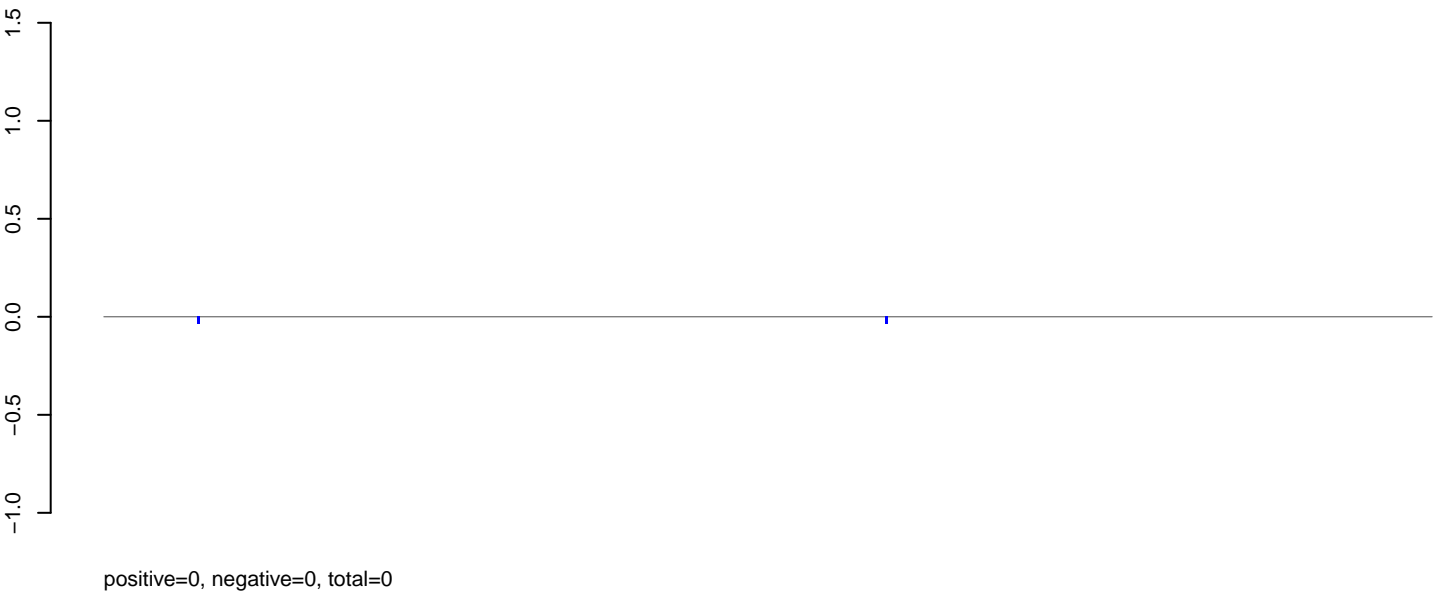


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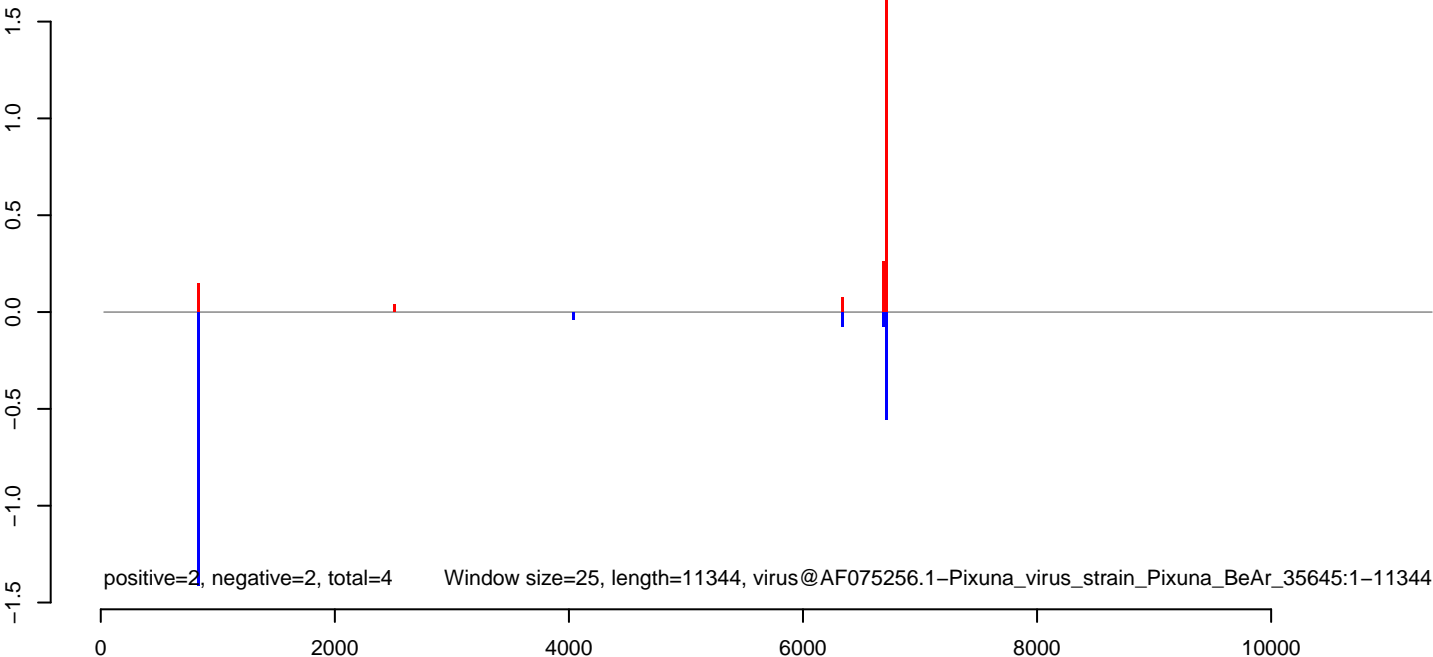
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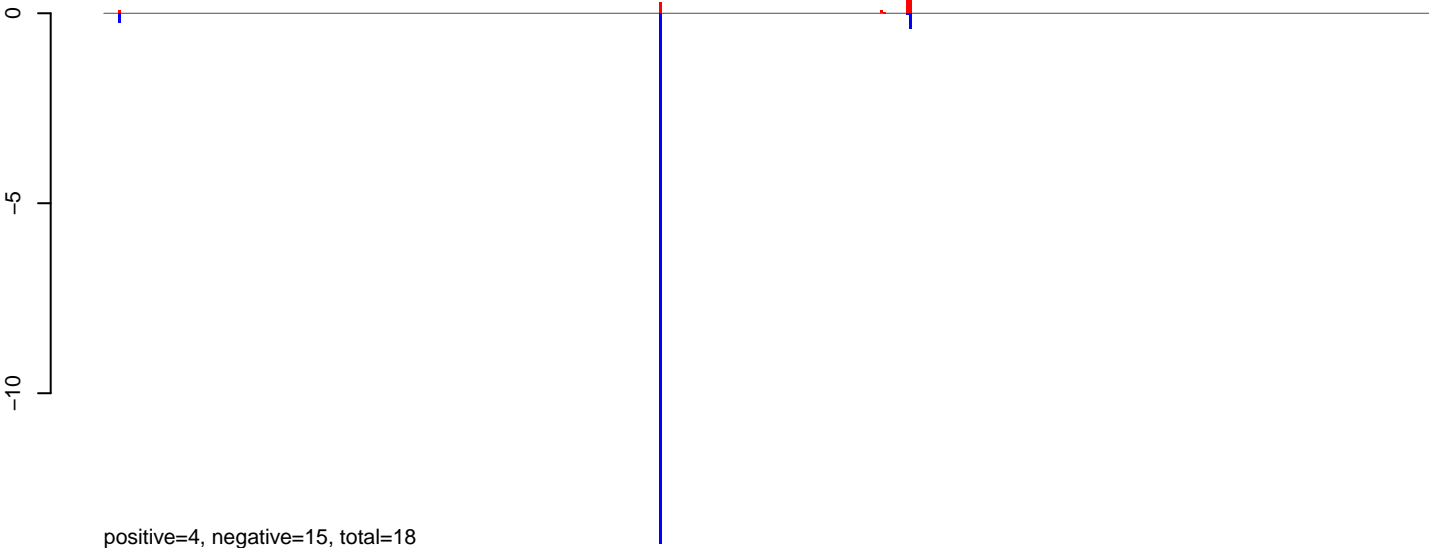
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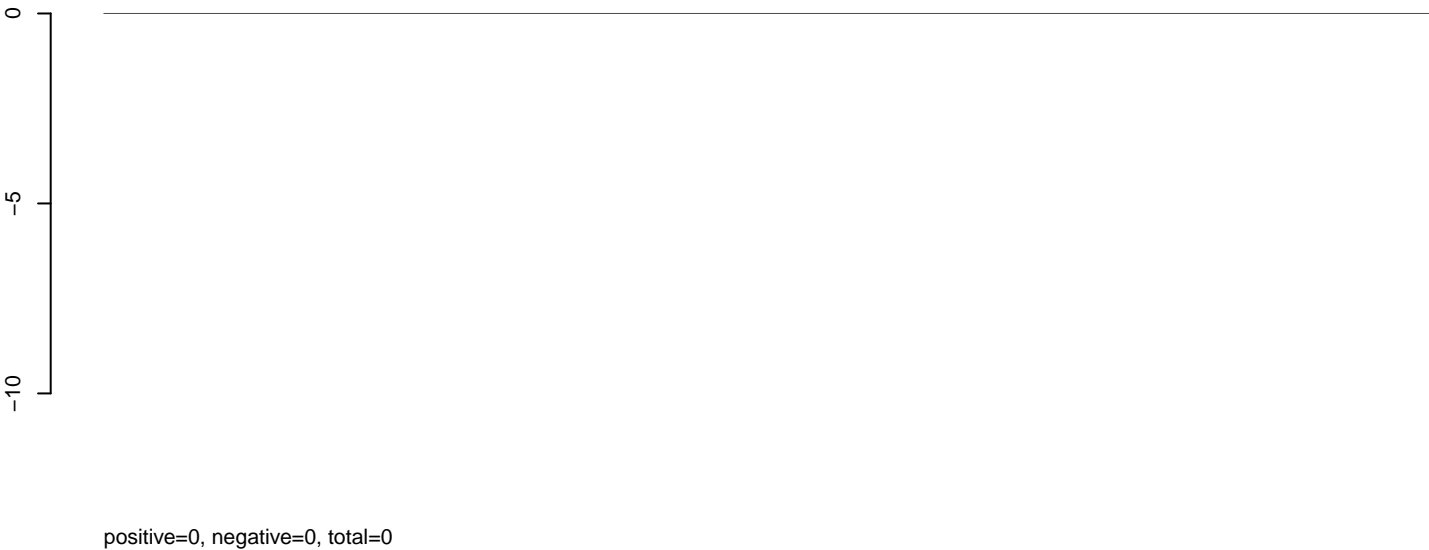
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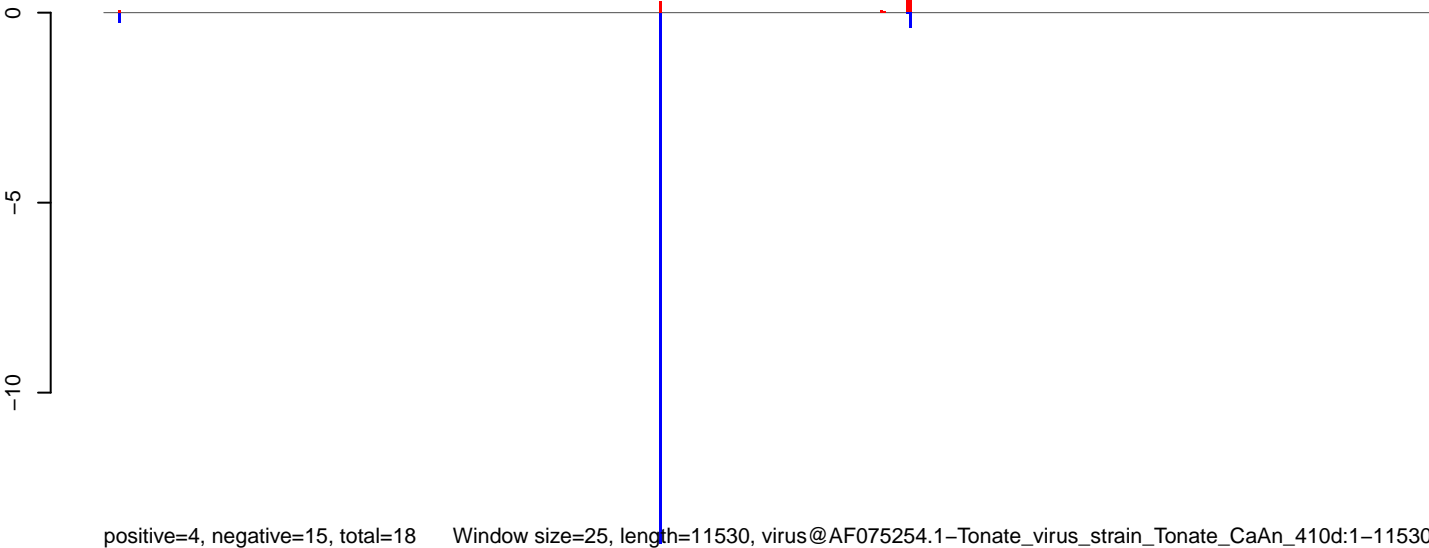
AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



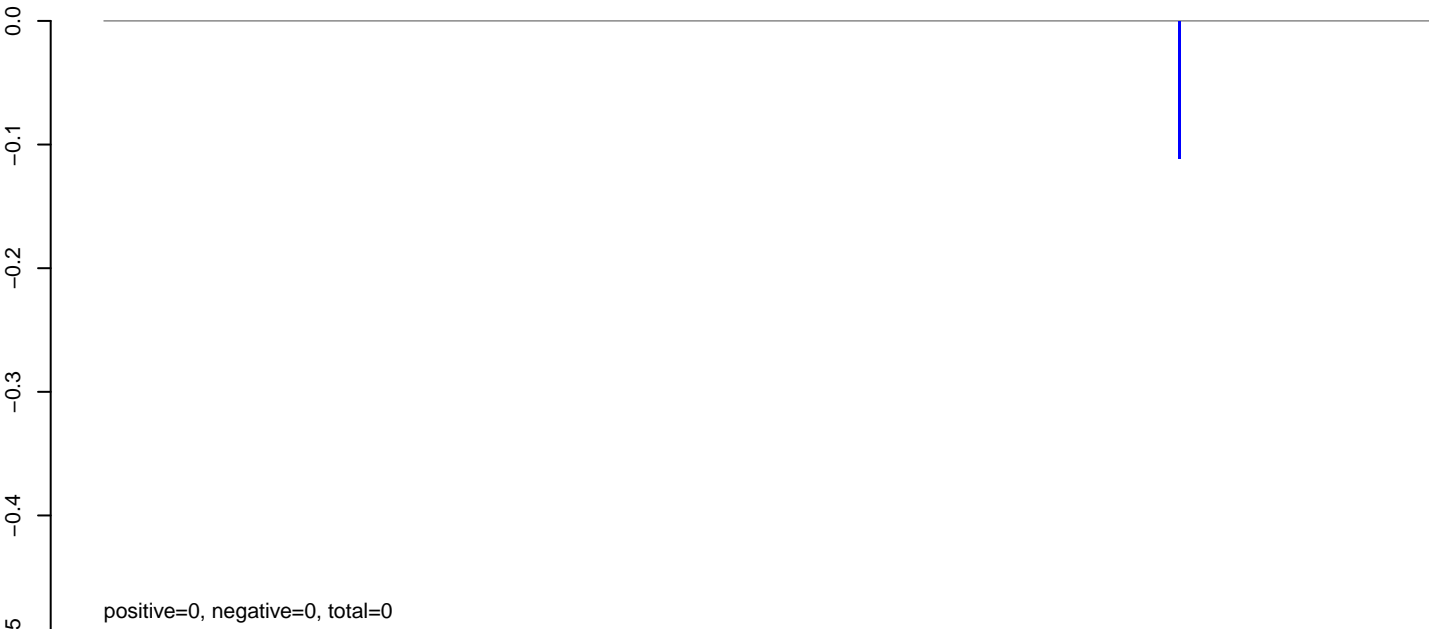
AeAlbo_HeadThor_CHIKV.B2_FHV.rep



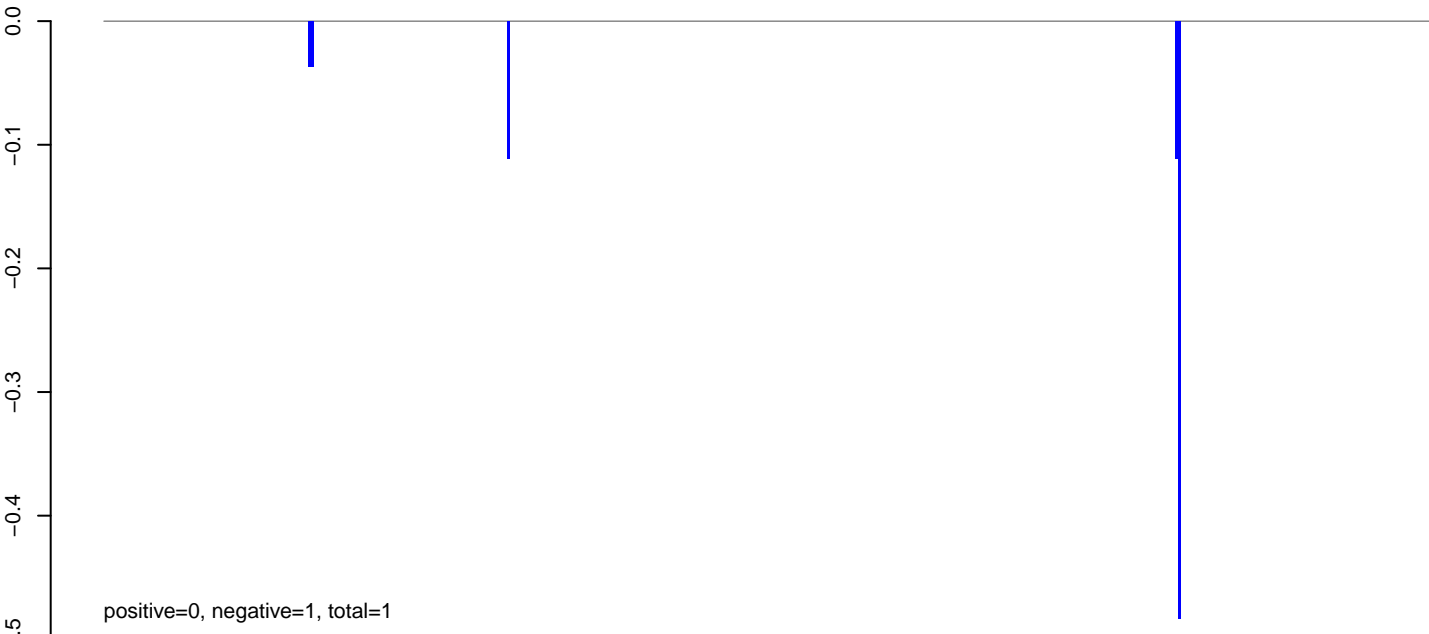
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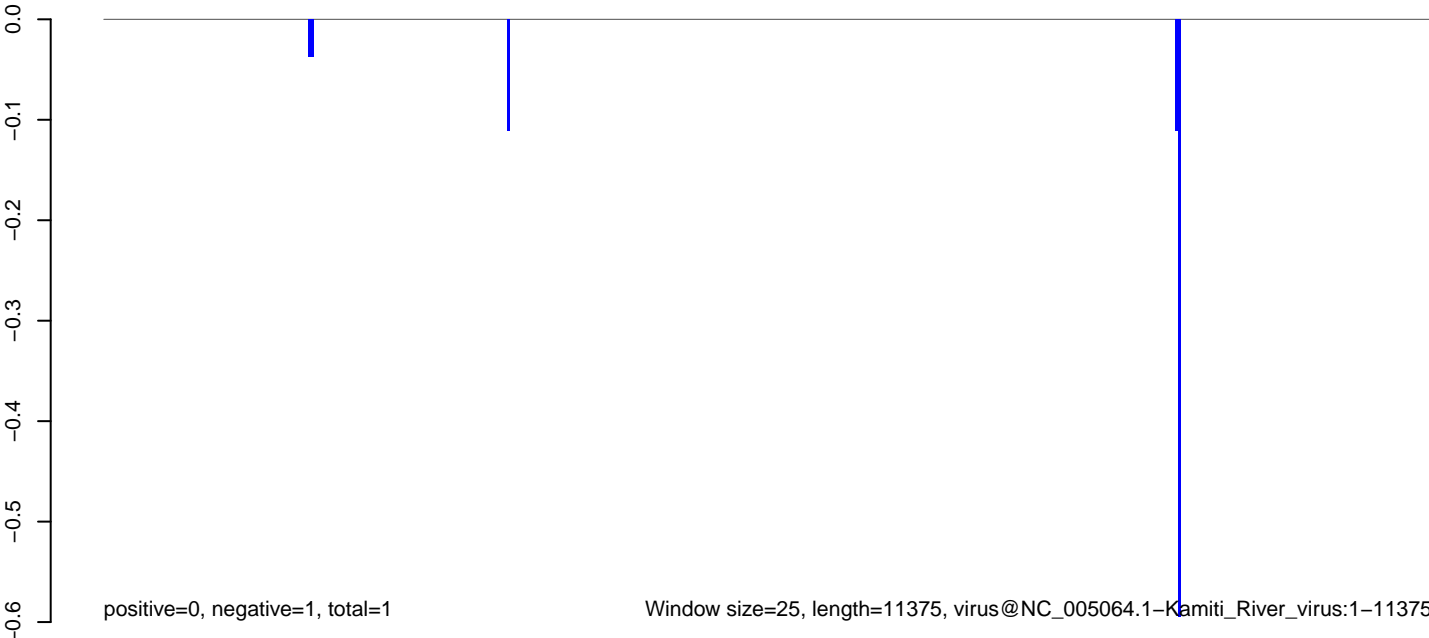
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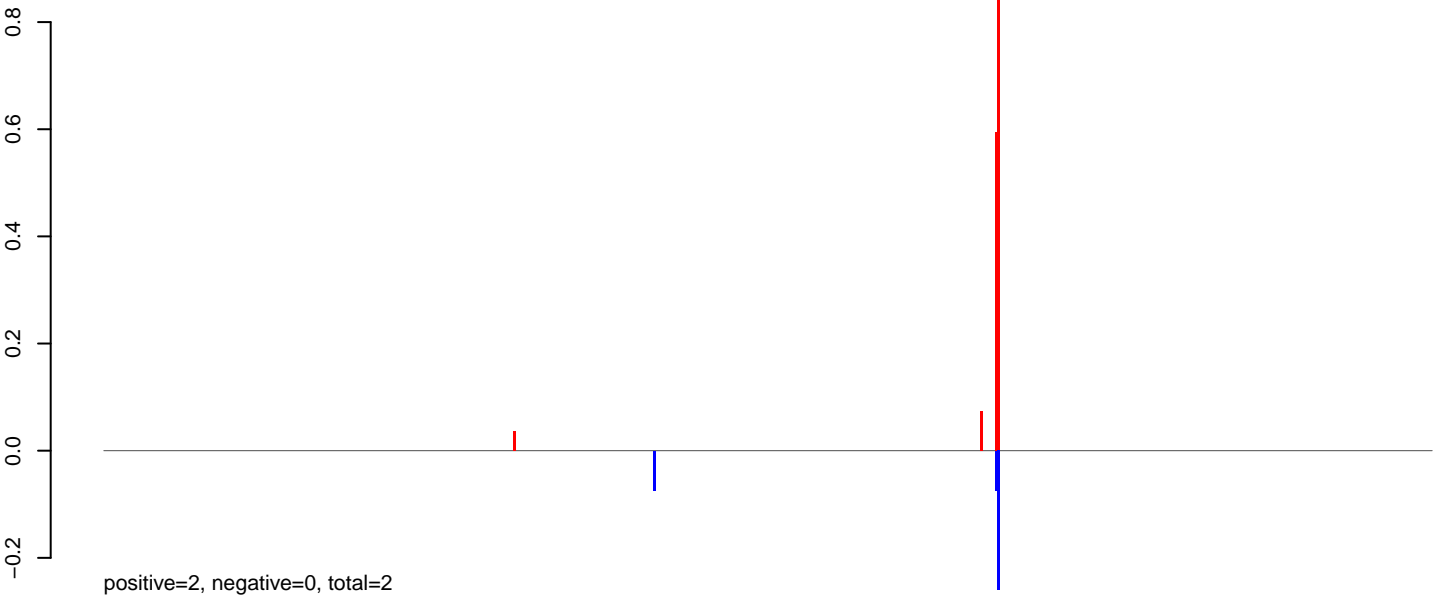
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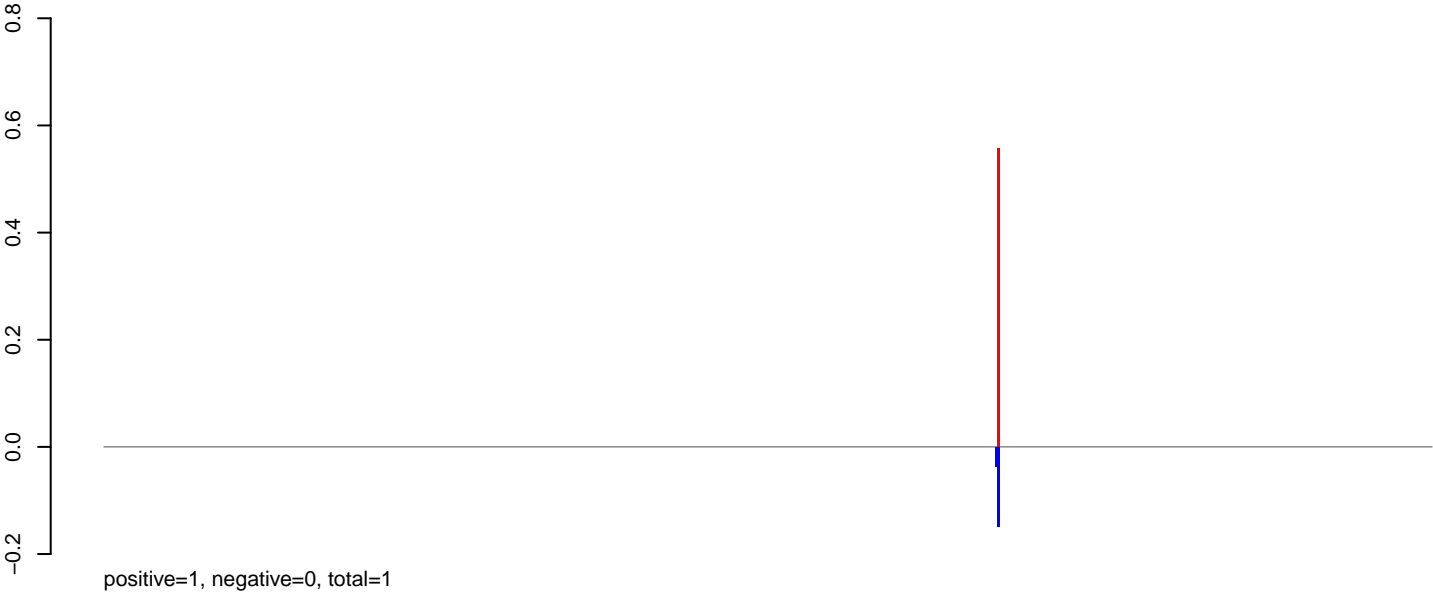
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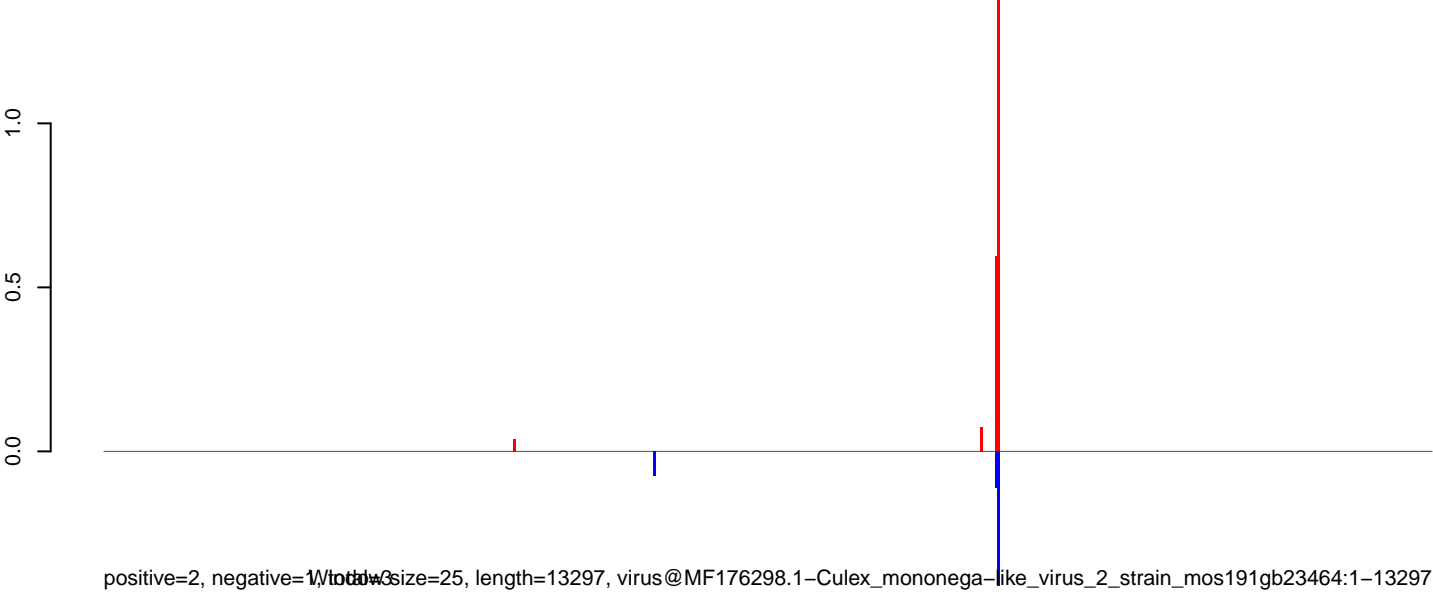
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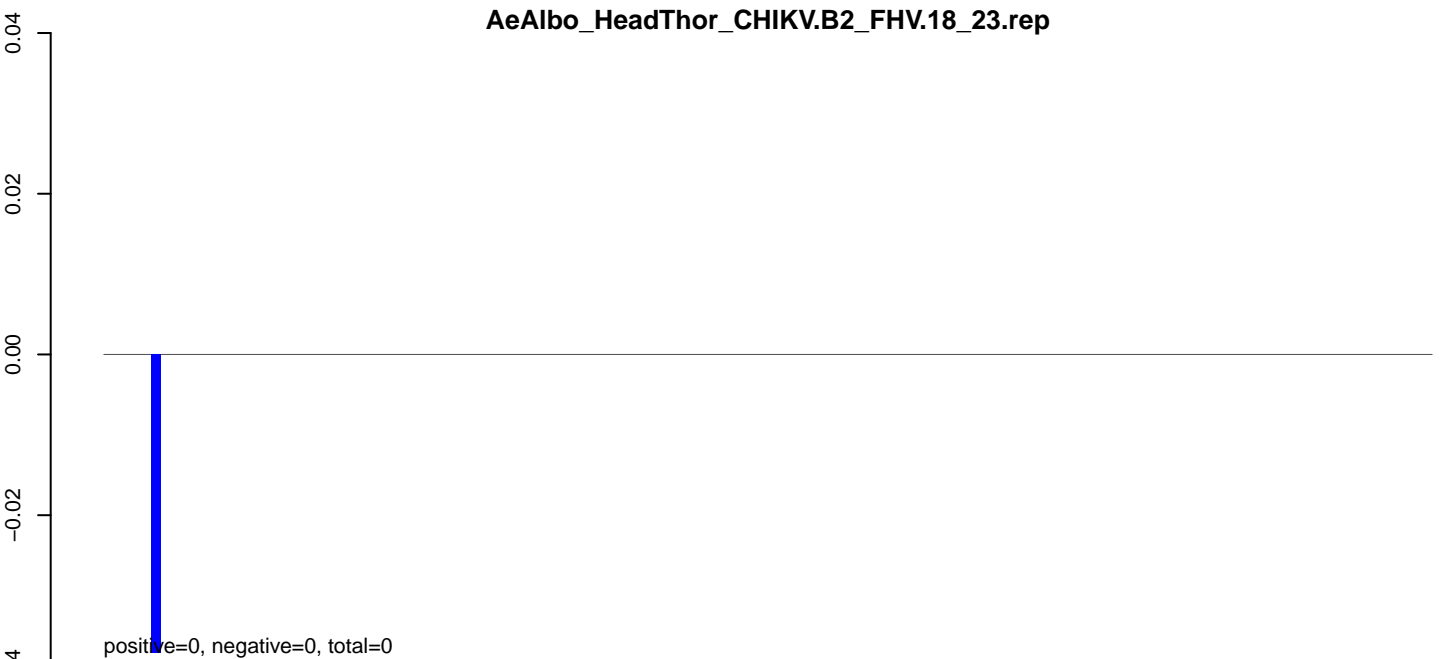
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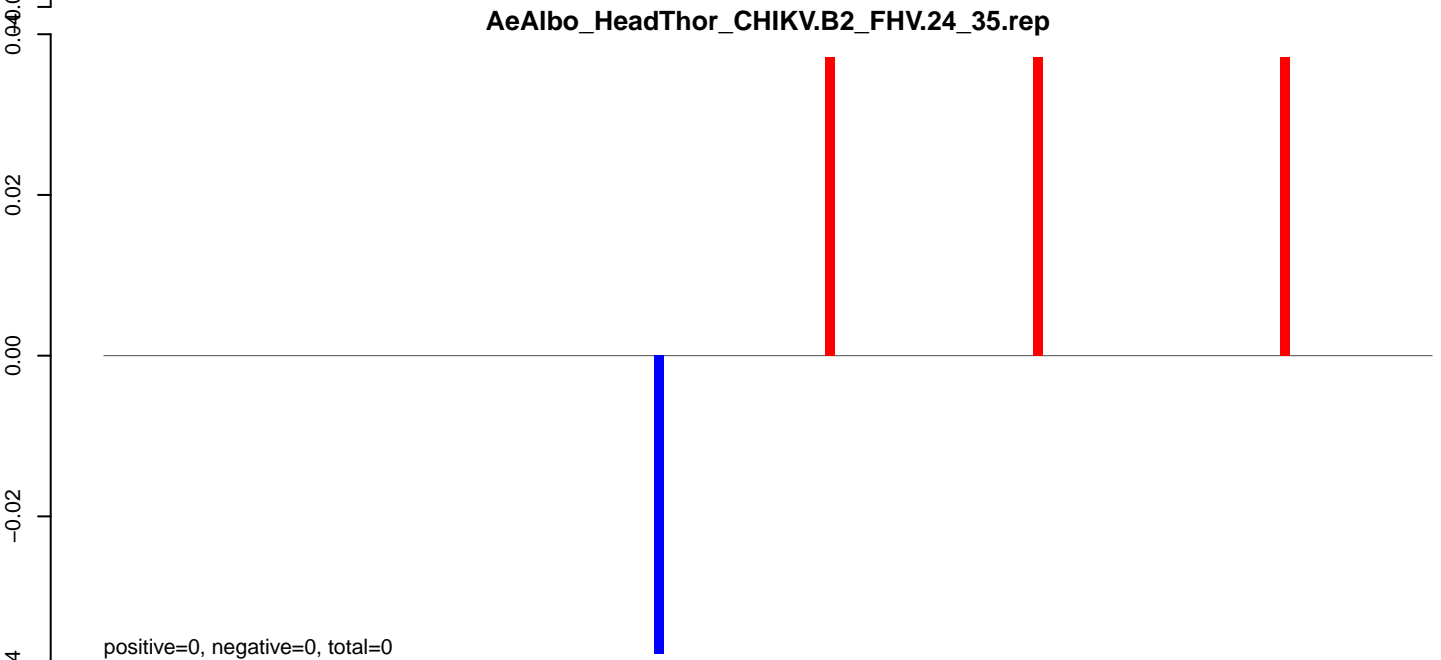
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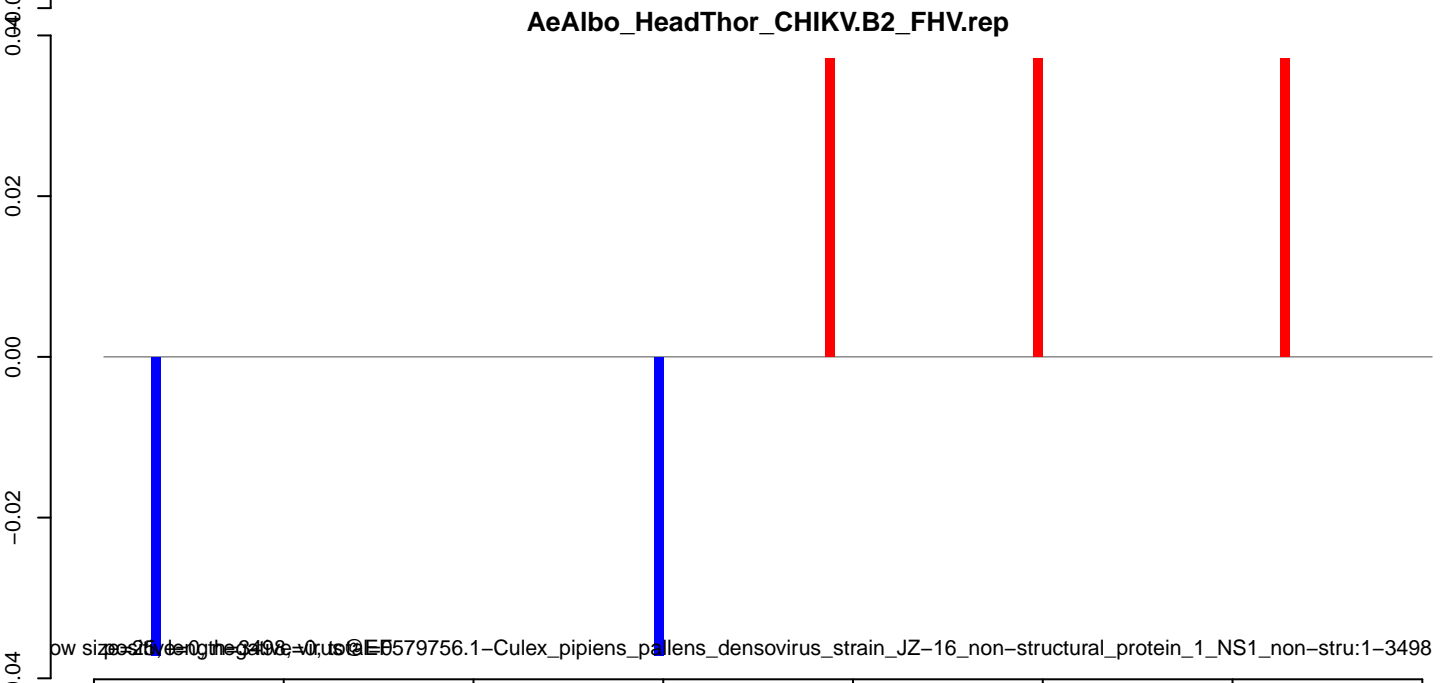
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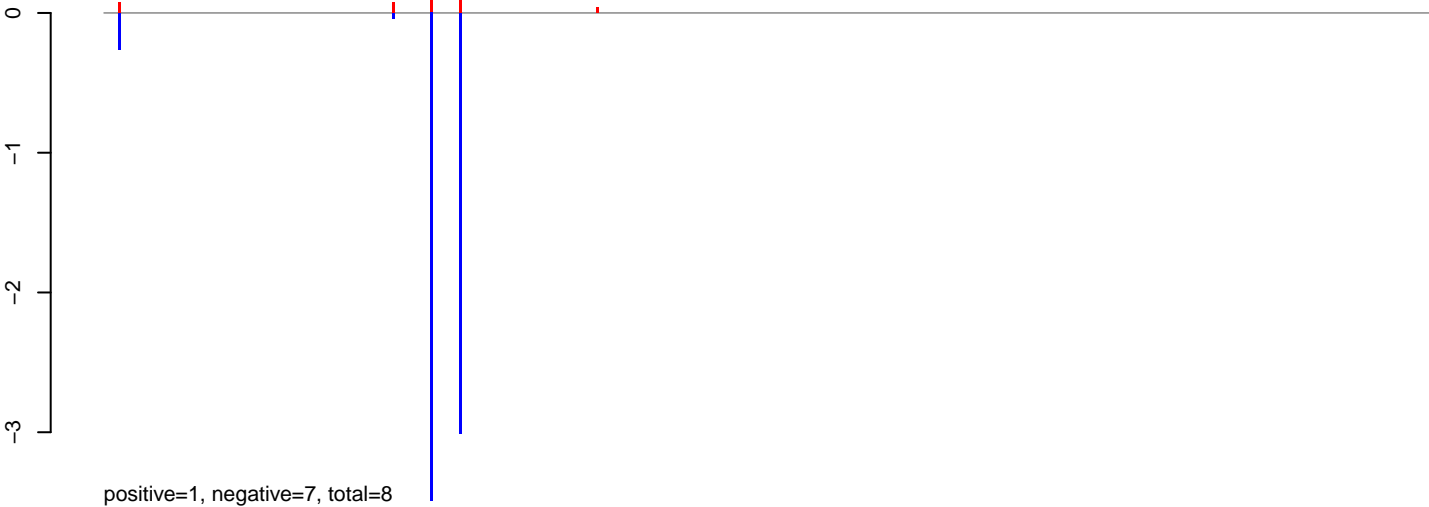
AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



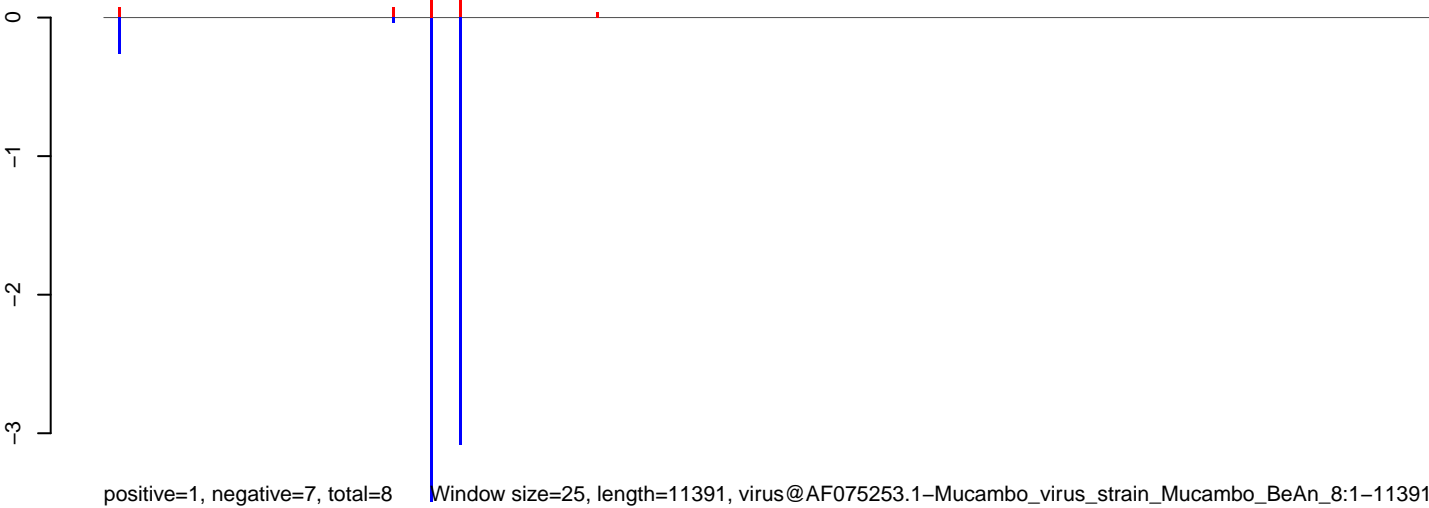
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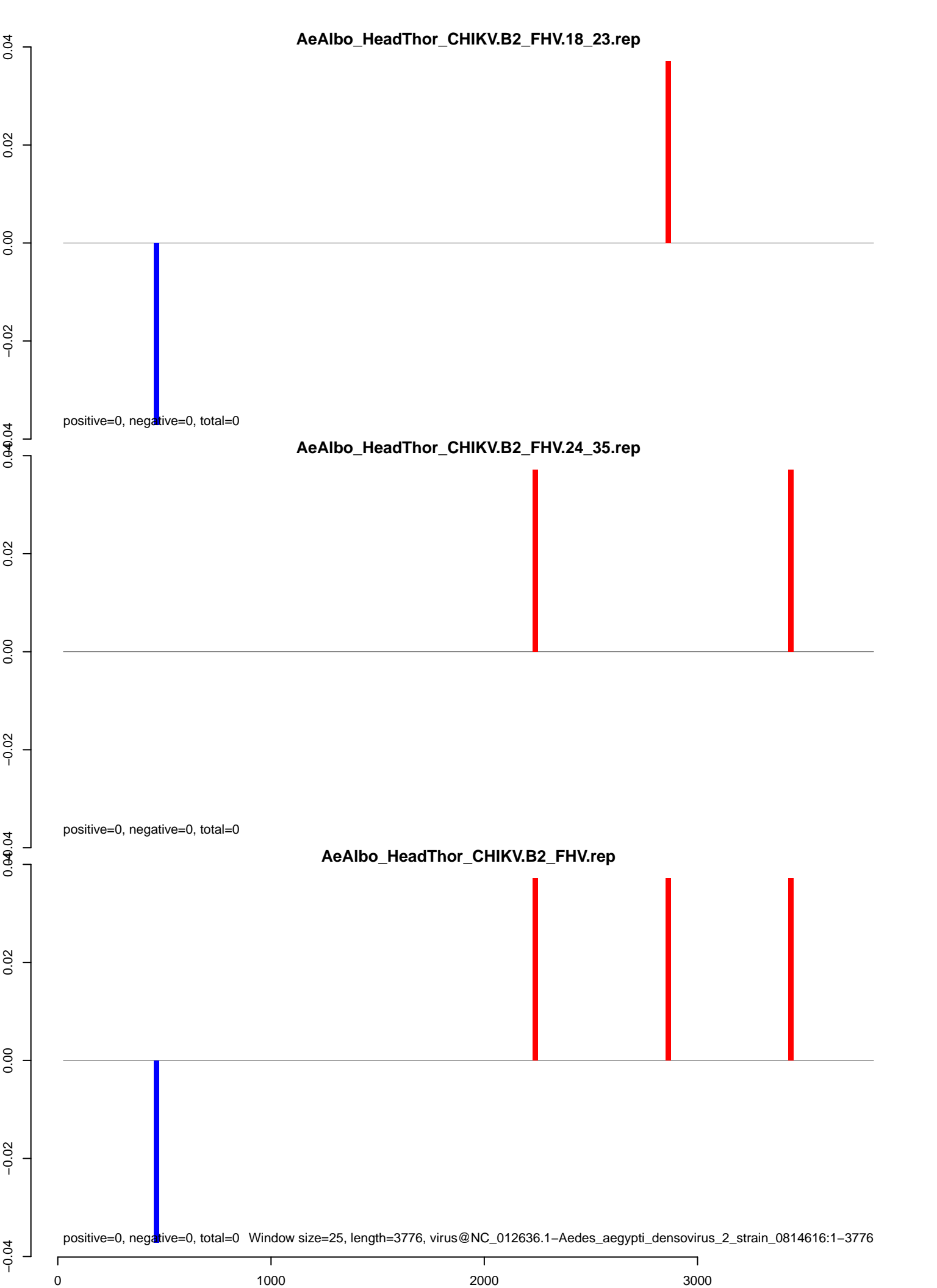
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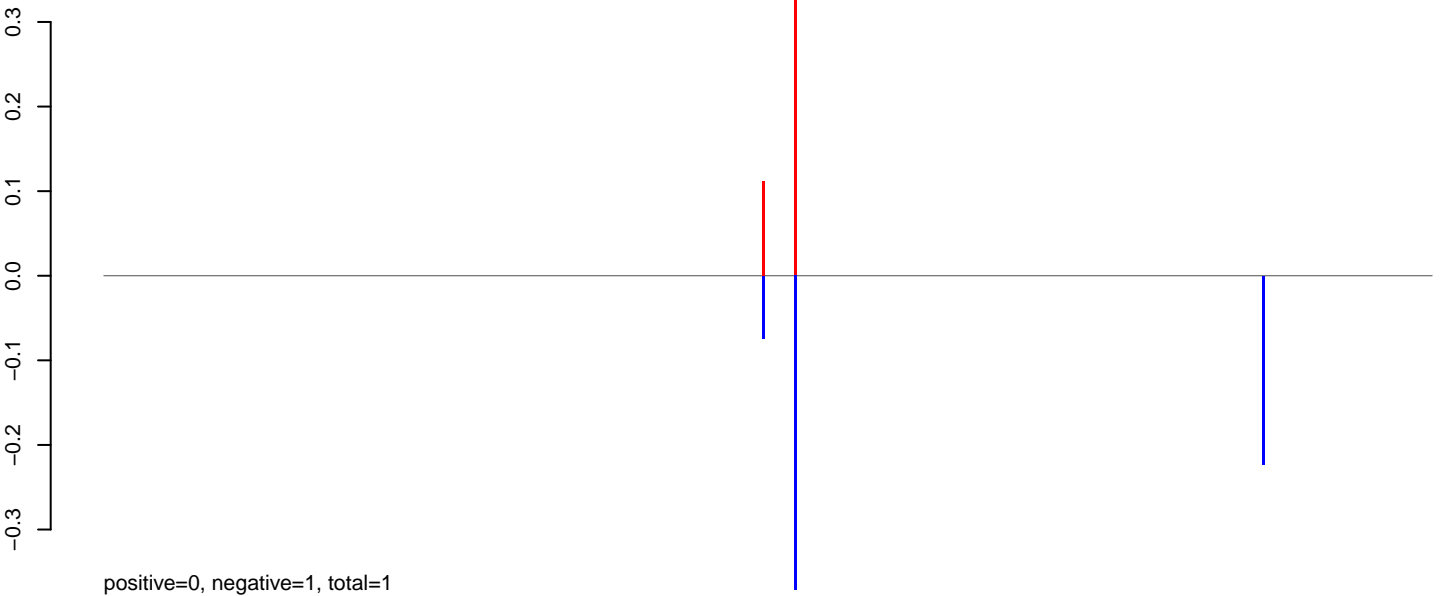
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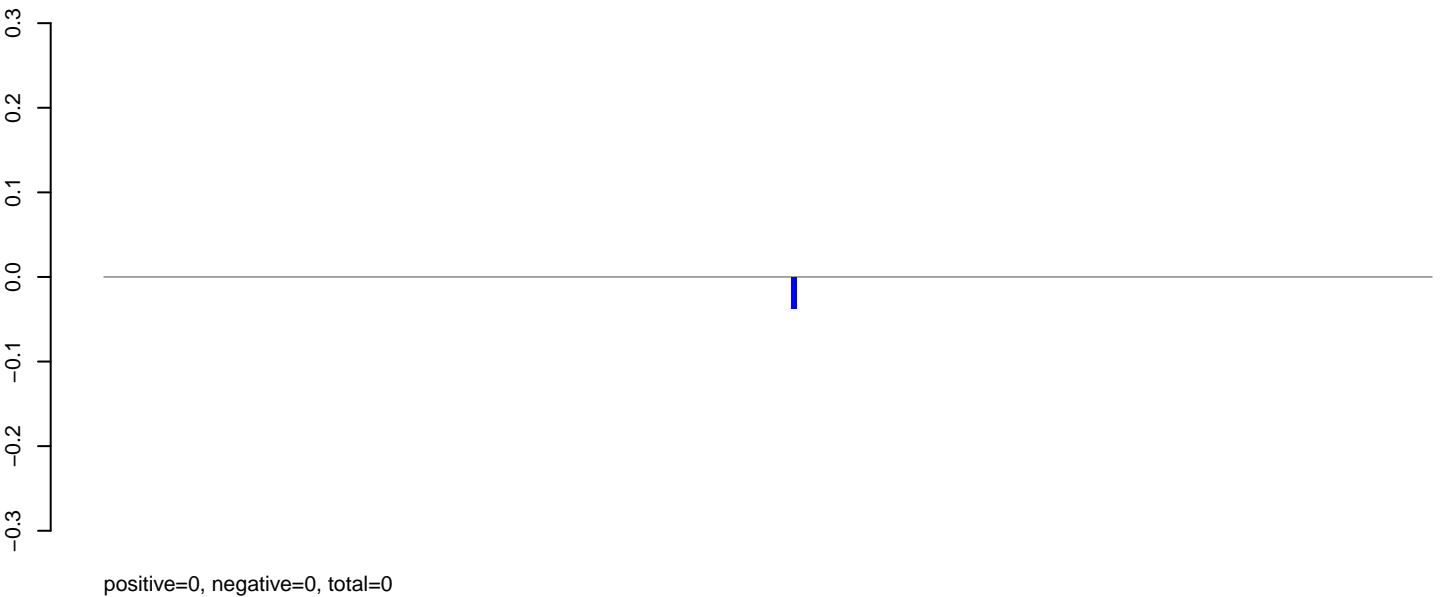
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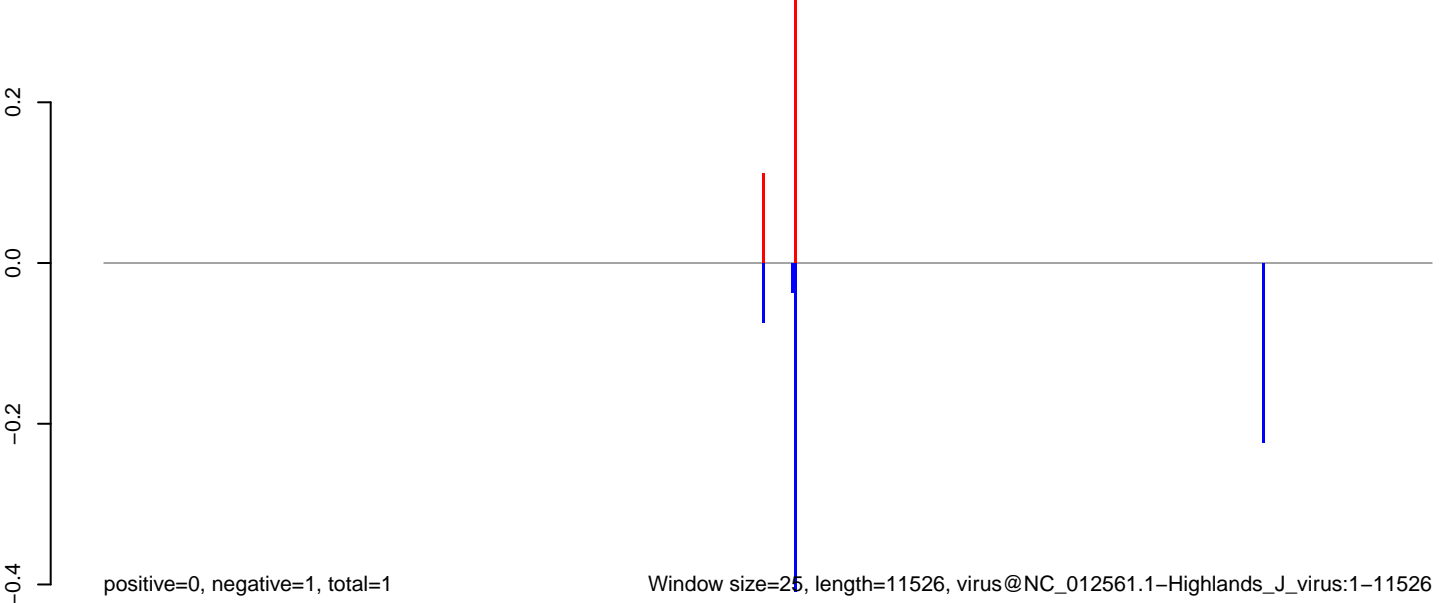
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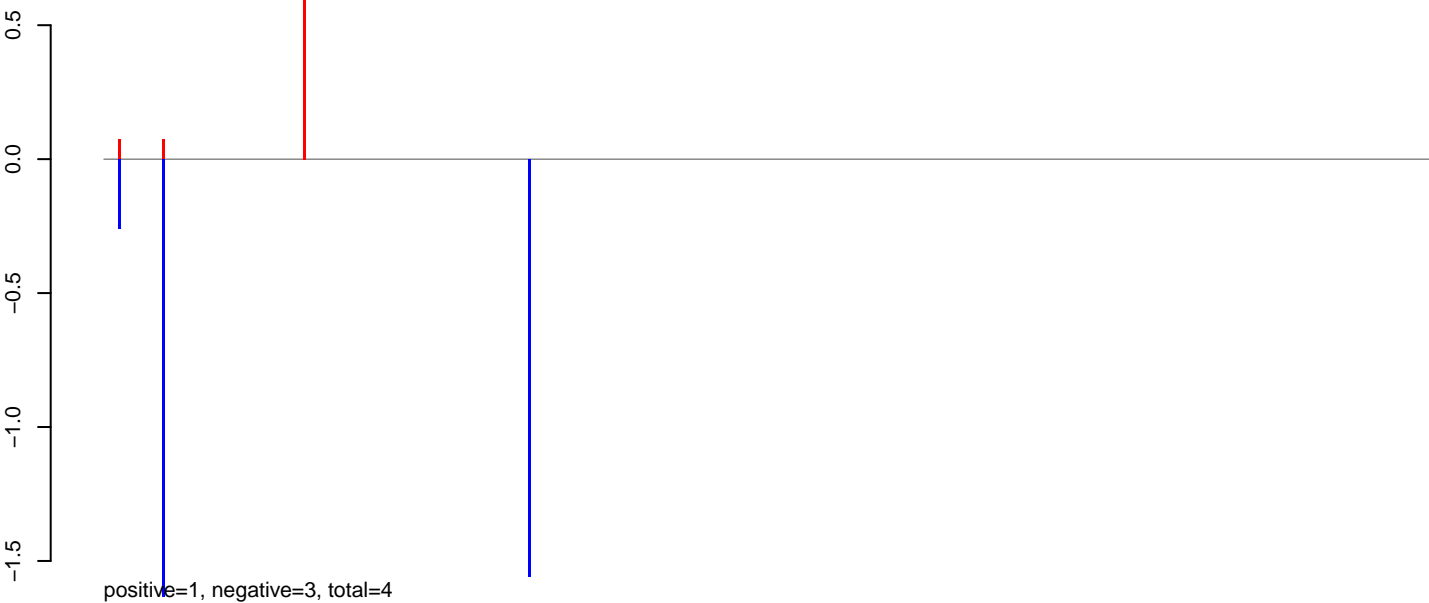
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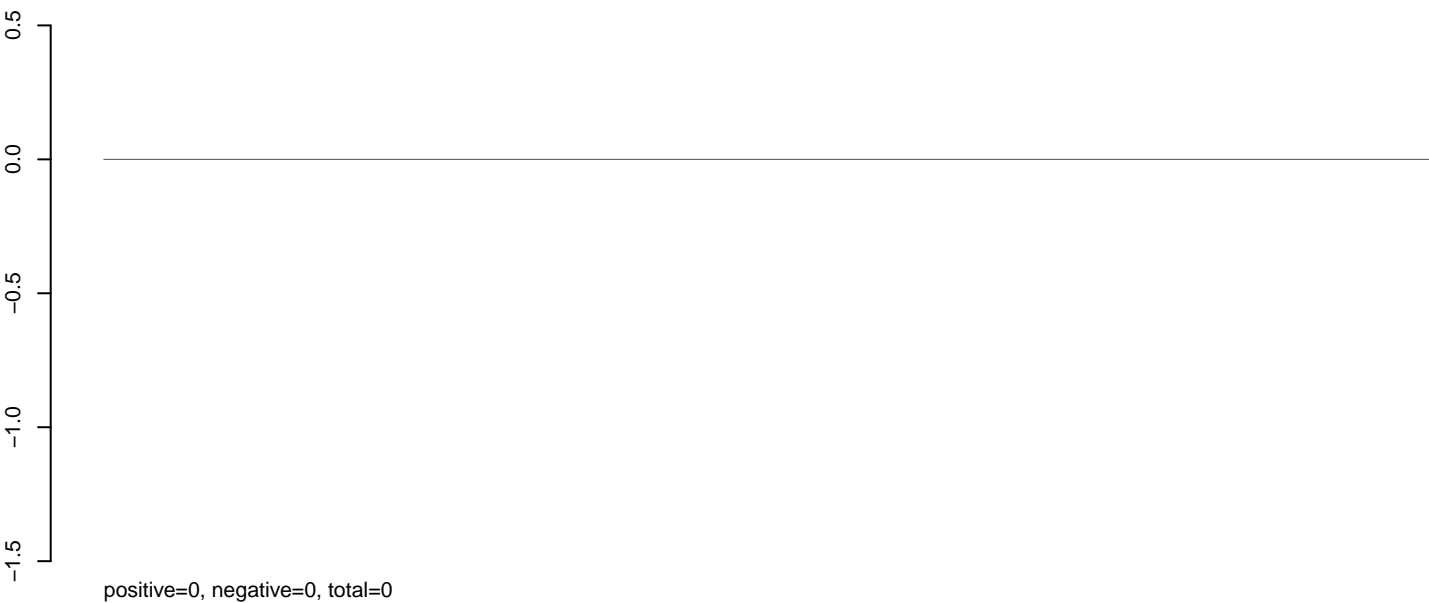
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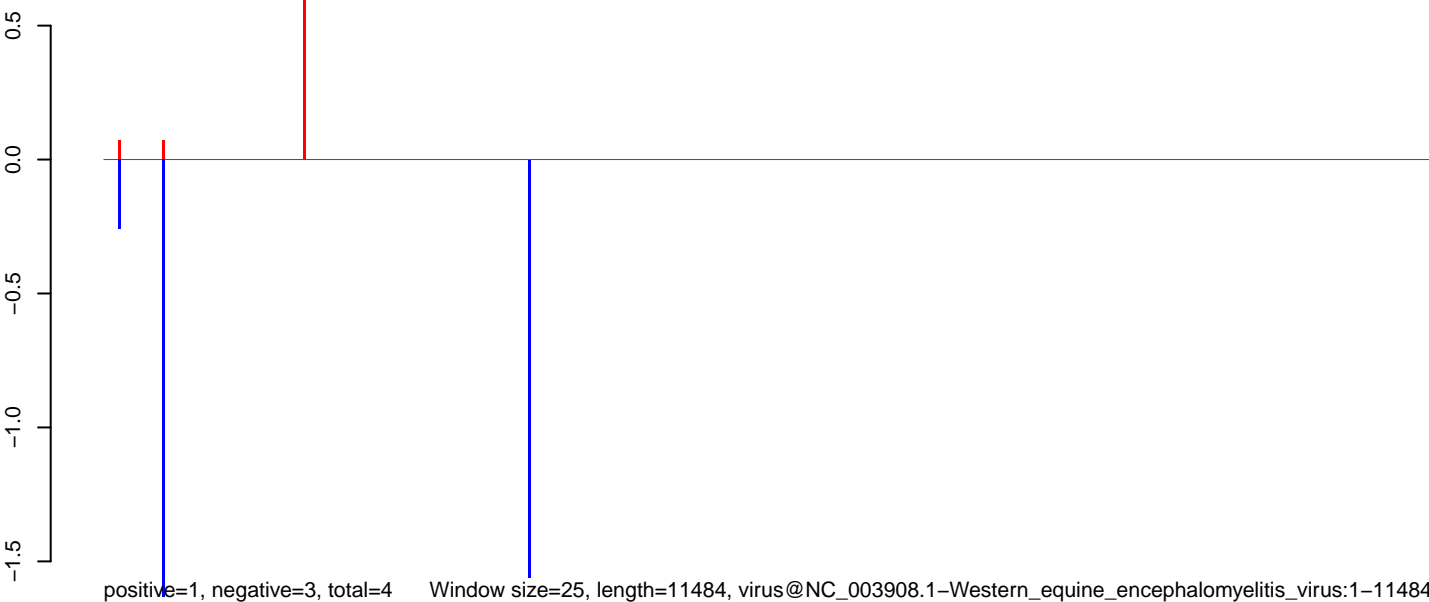
AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



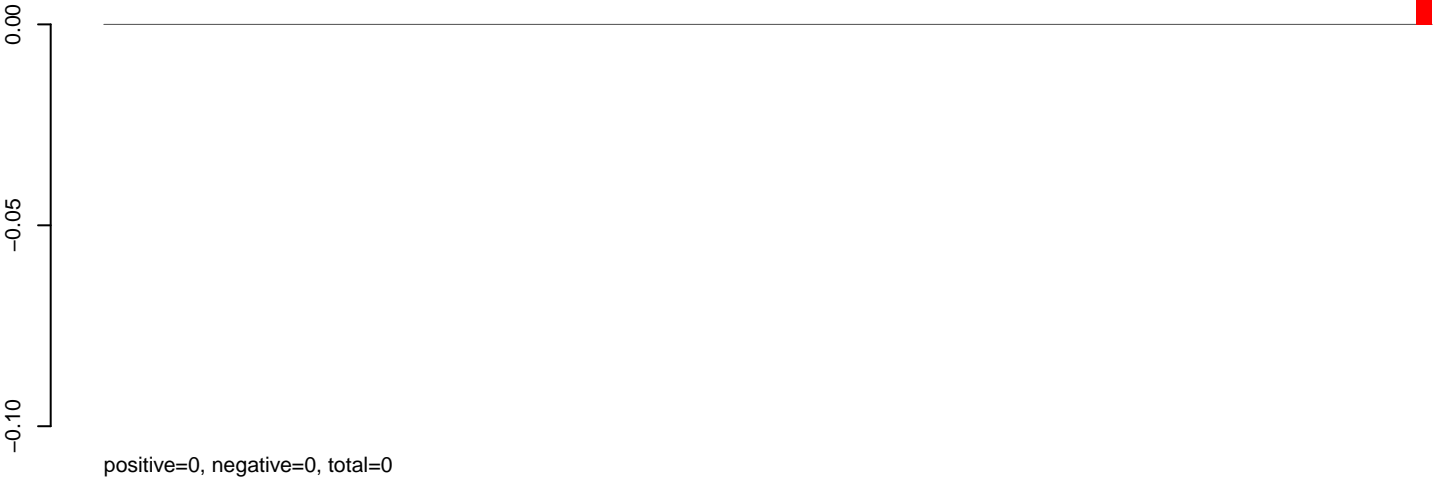
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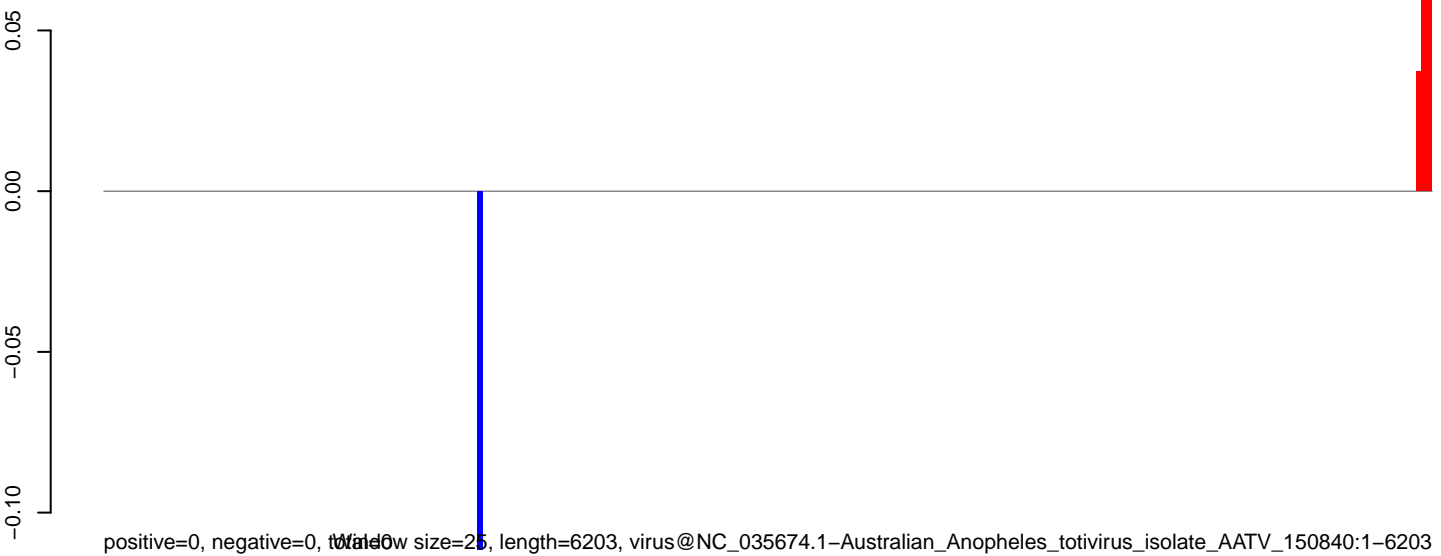
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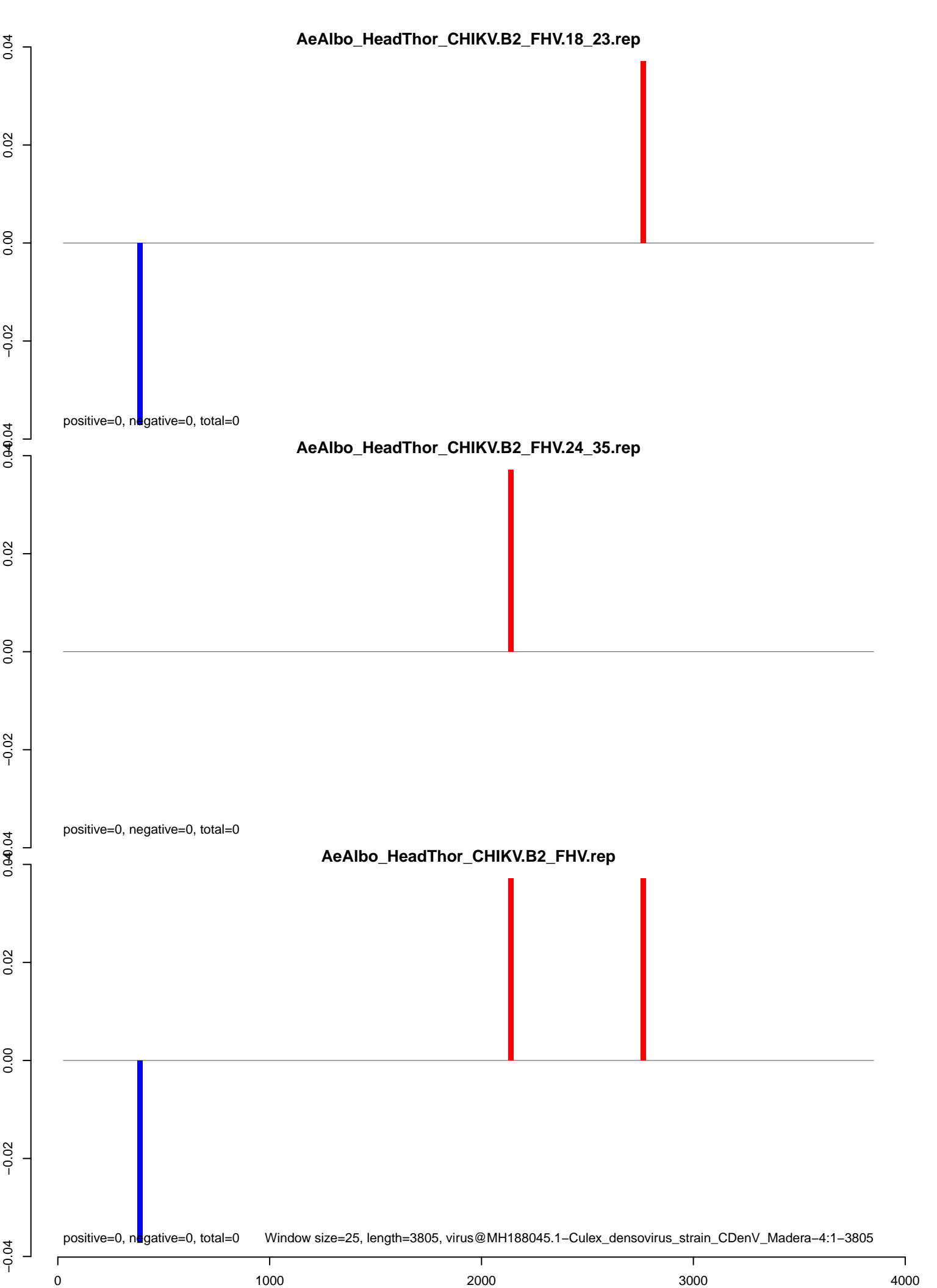
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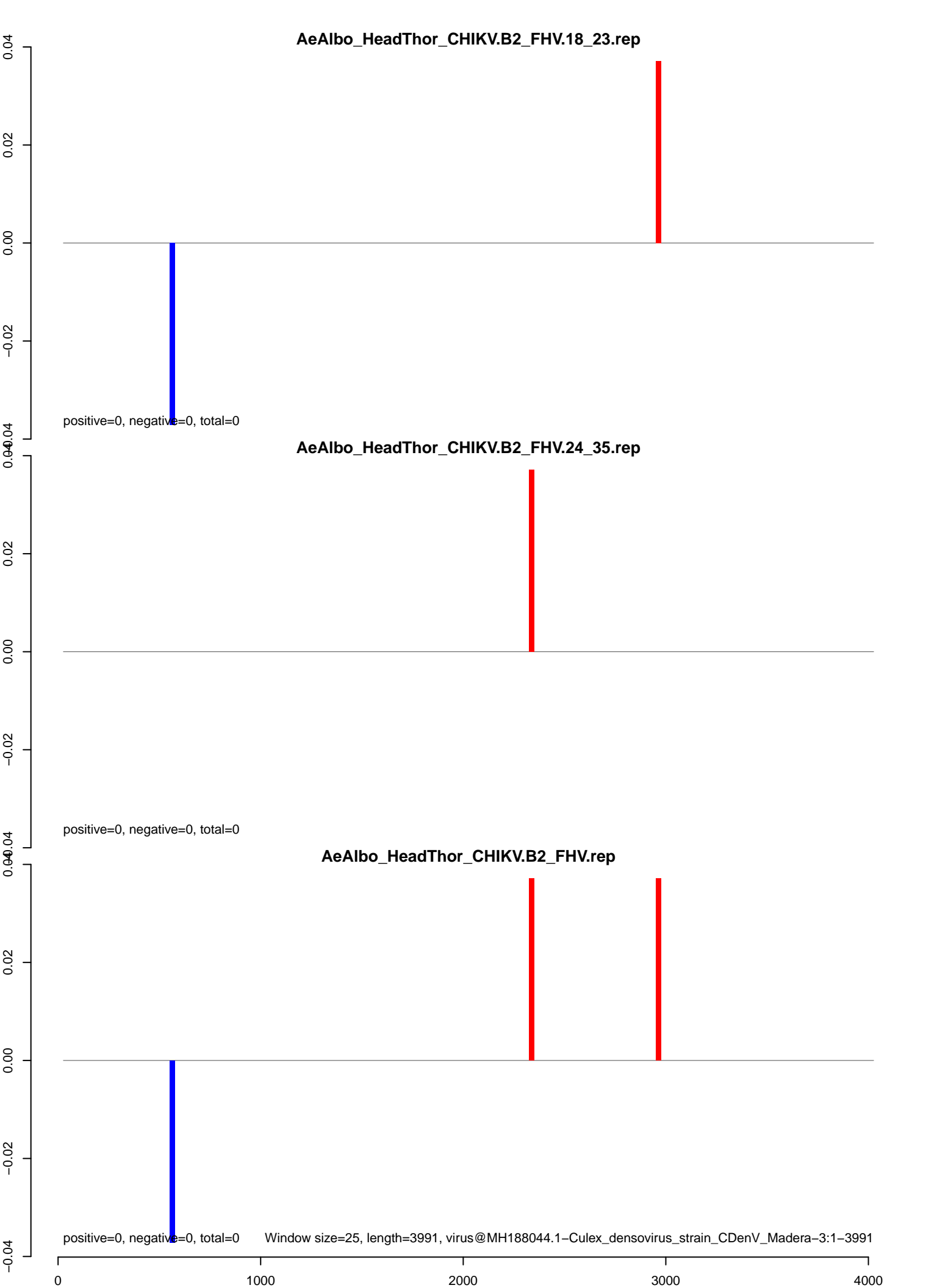


AeAlbo_HeadThor_CHIKV.B2_FHV.rep

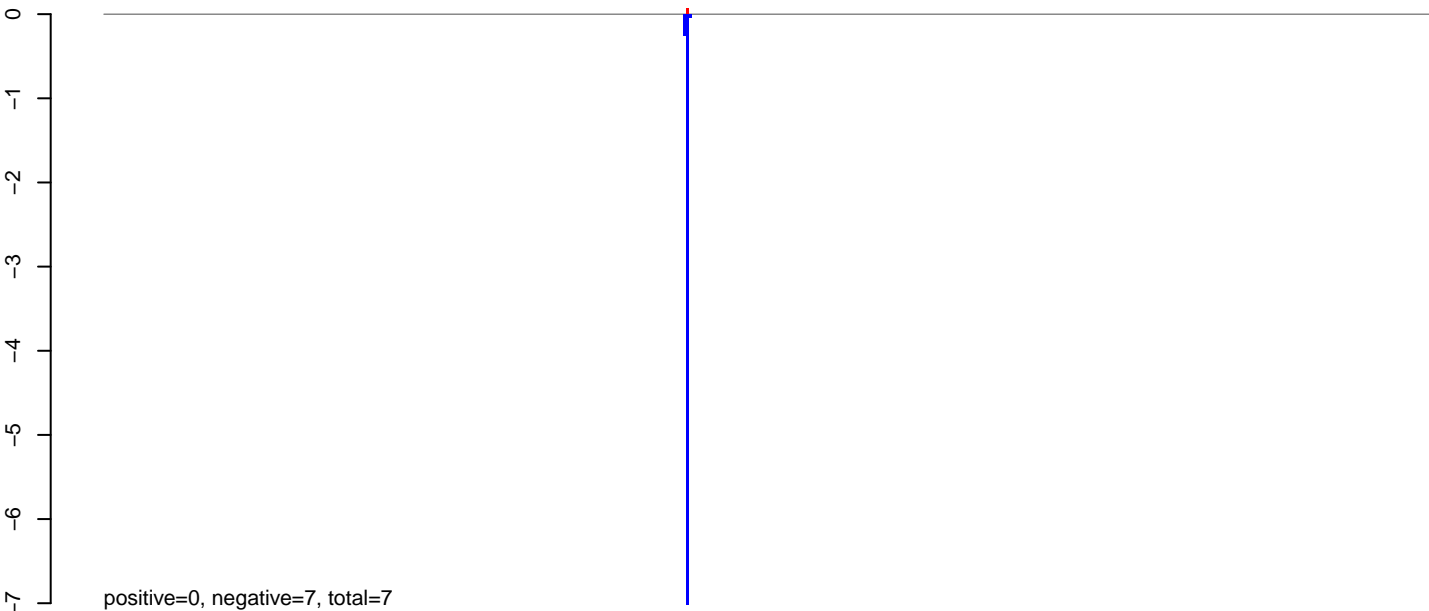


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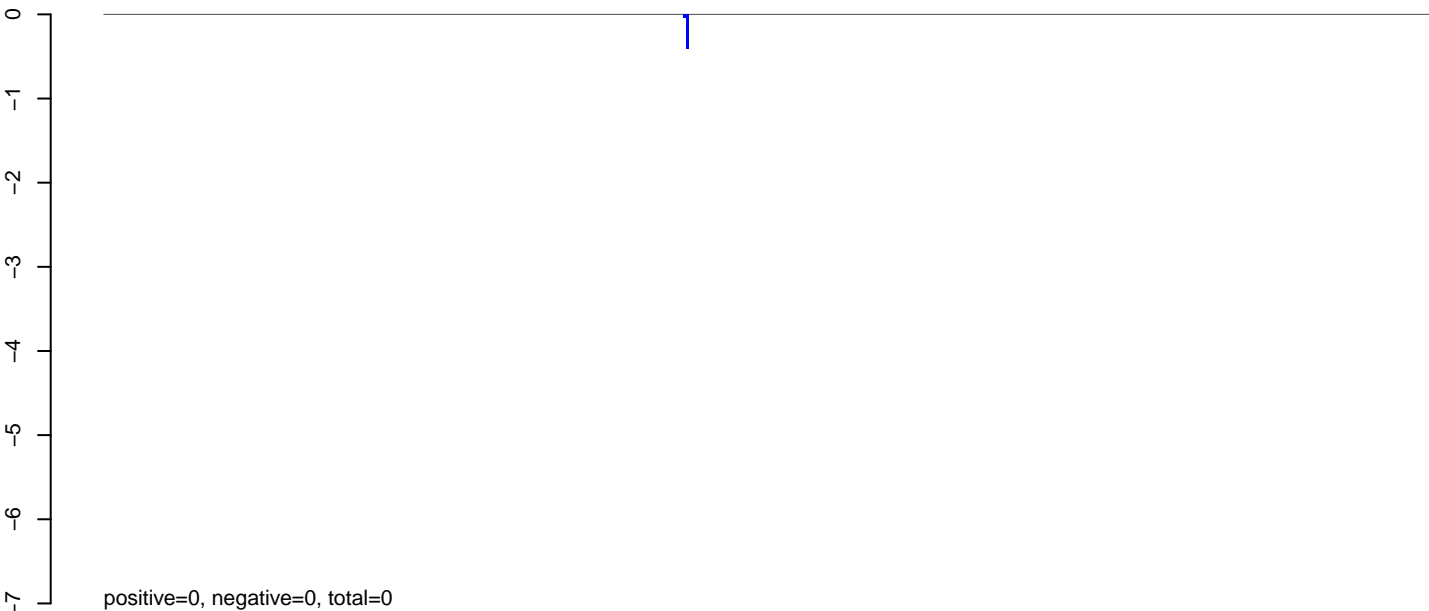




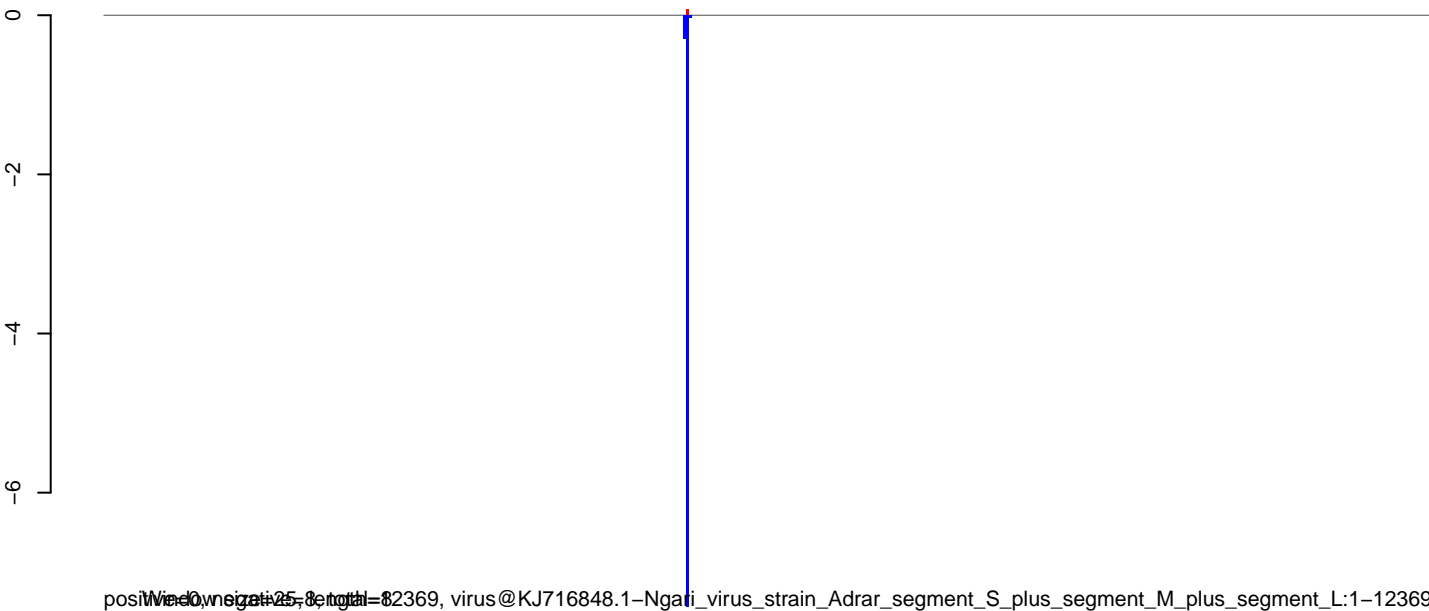
AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

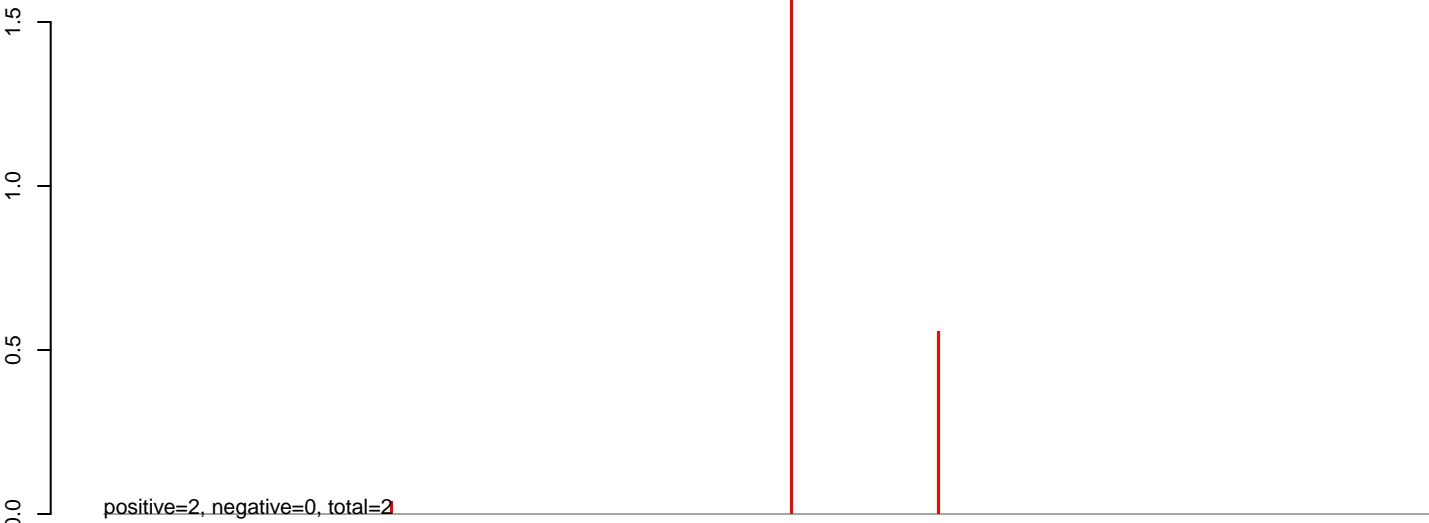


AeAlbo_HeadThor_CHIKV.B2_FHV.rep

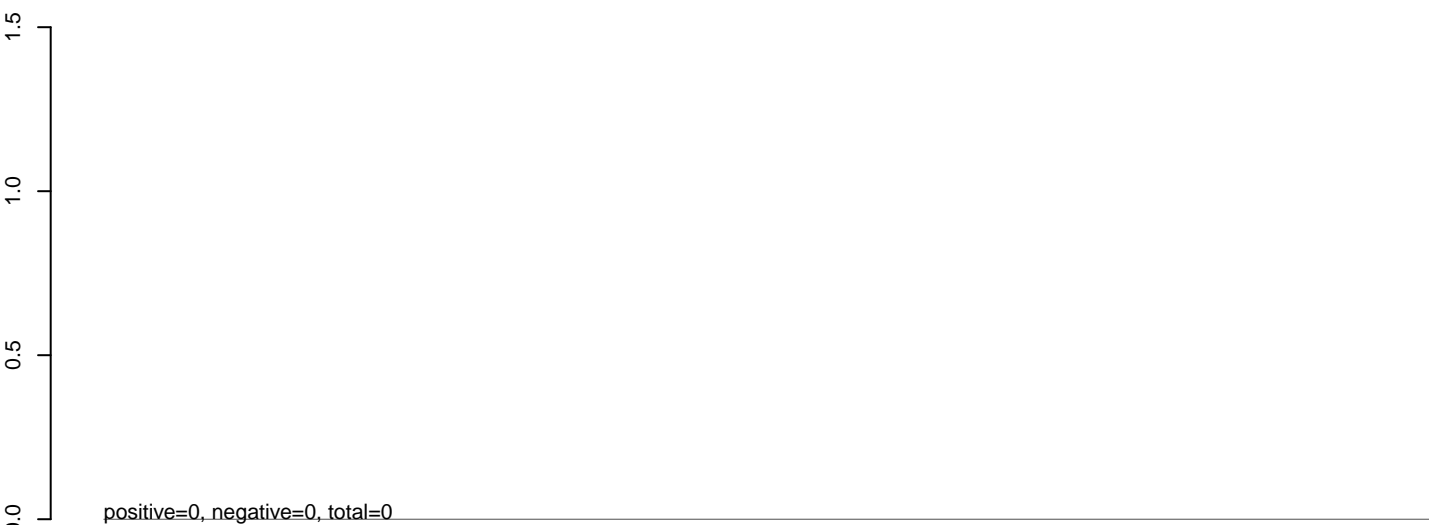


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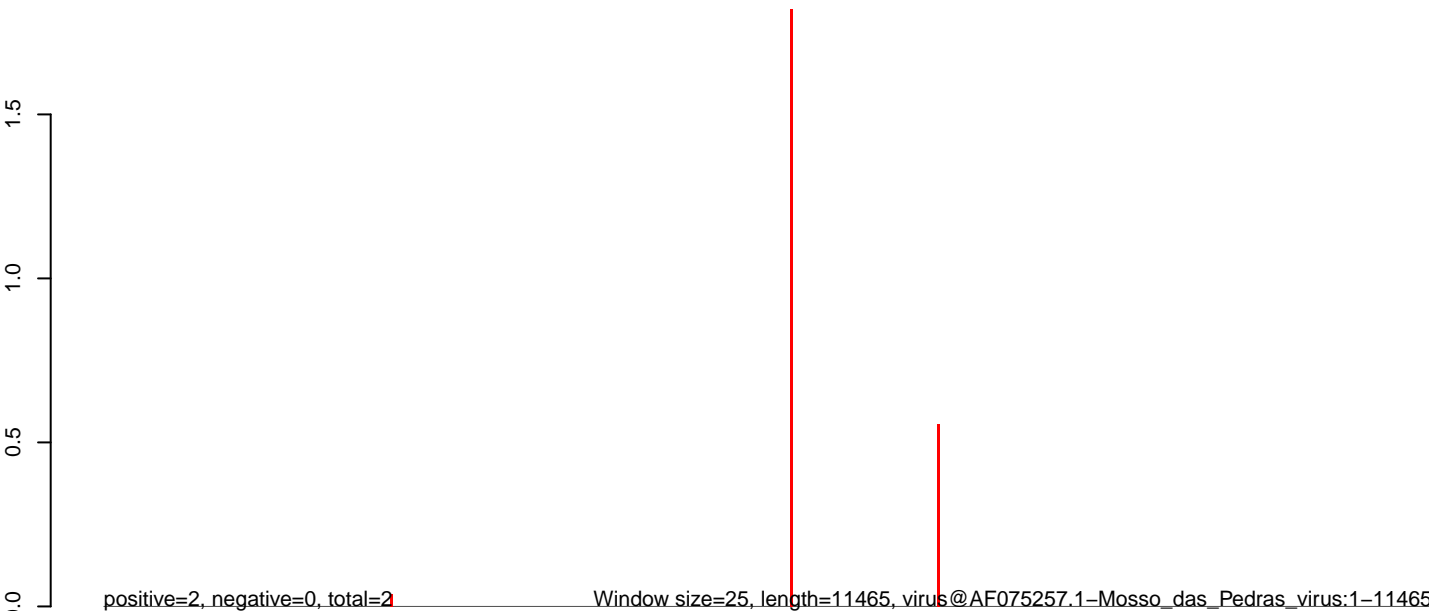
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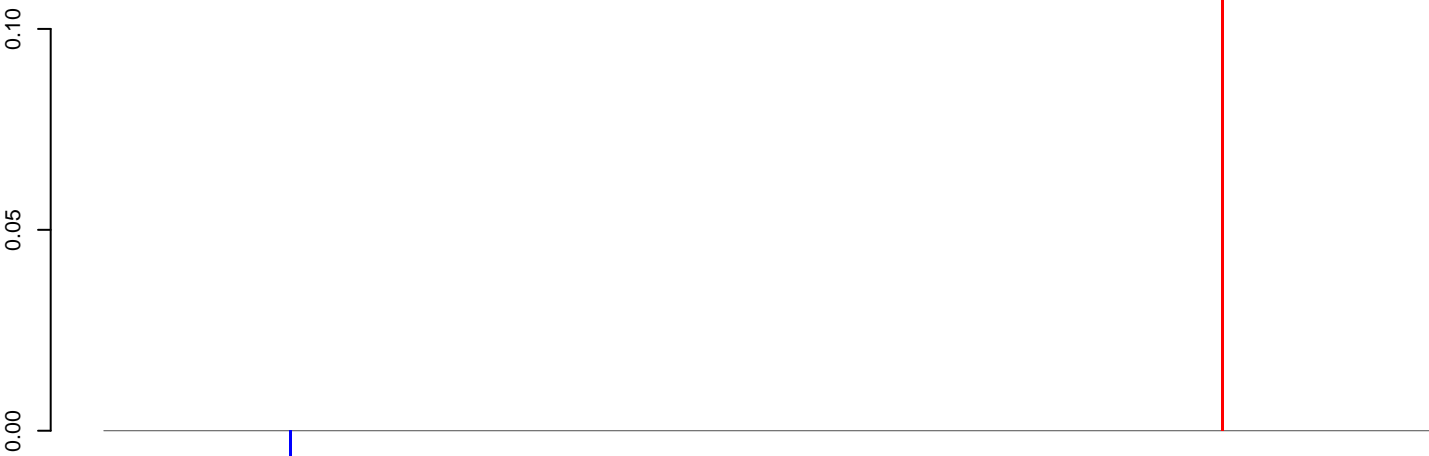
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AeAlbo_HeadThor_CHIKV.B2_FHV.rep

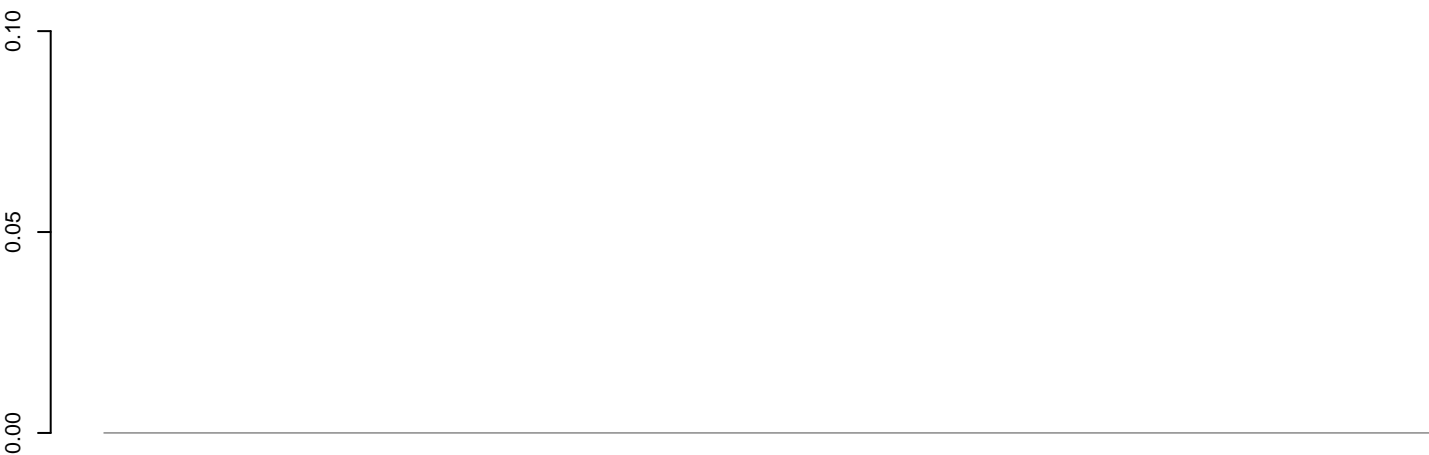


AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



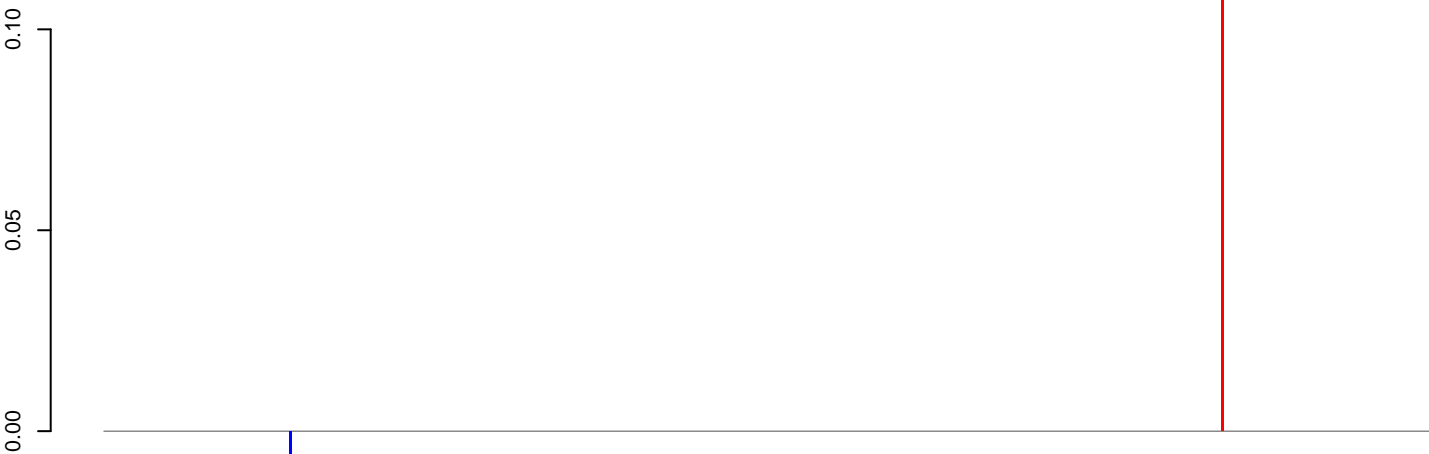
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



positive=0, negative=0, total=0

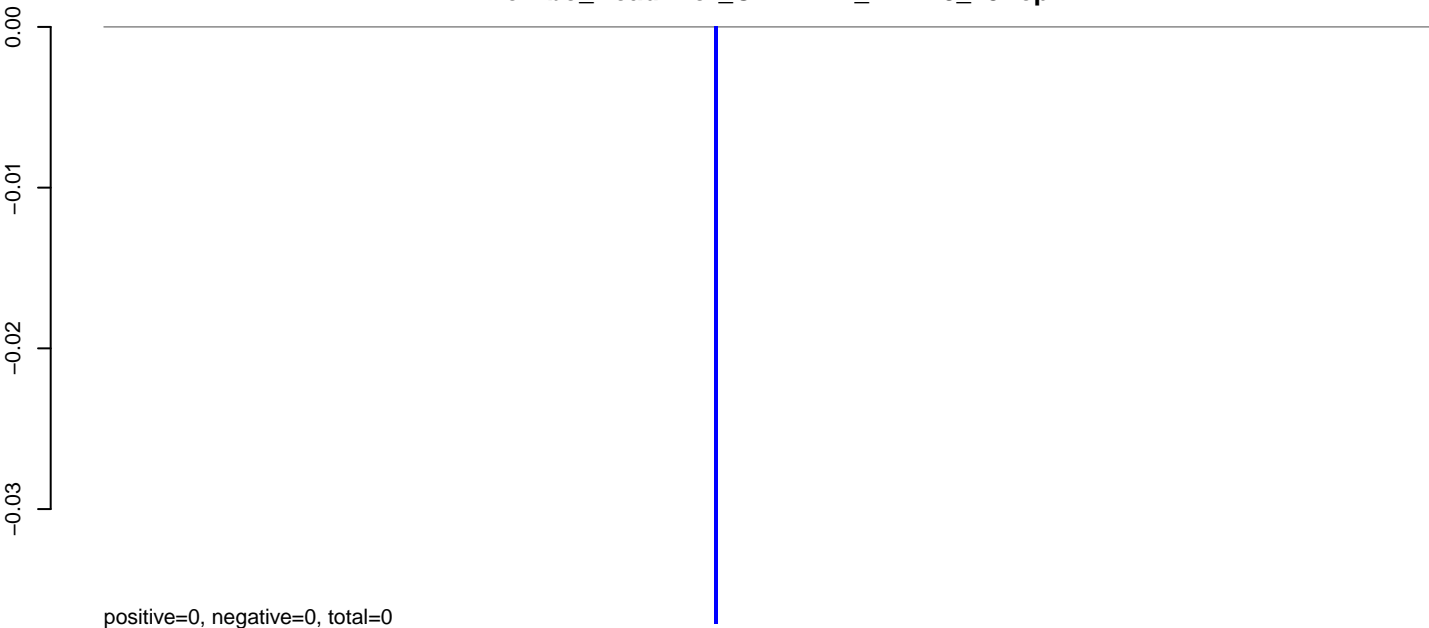
AeAlbo_HeadThor_CHIKV.B2_FHV.rep



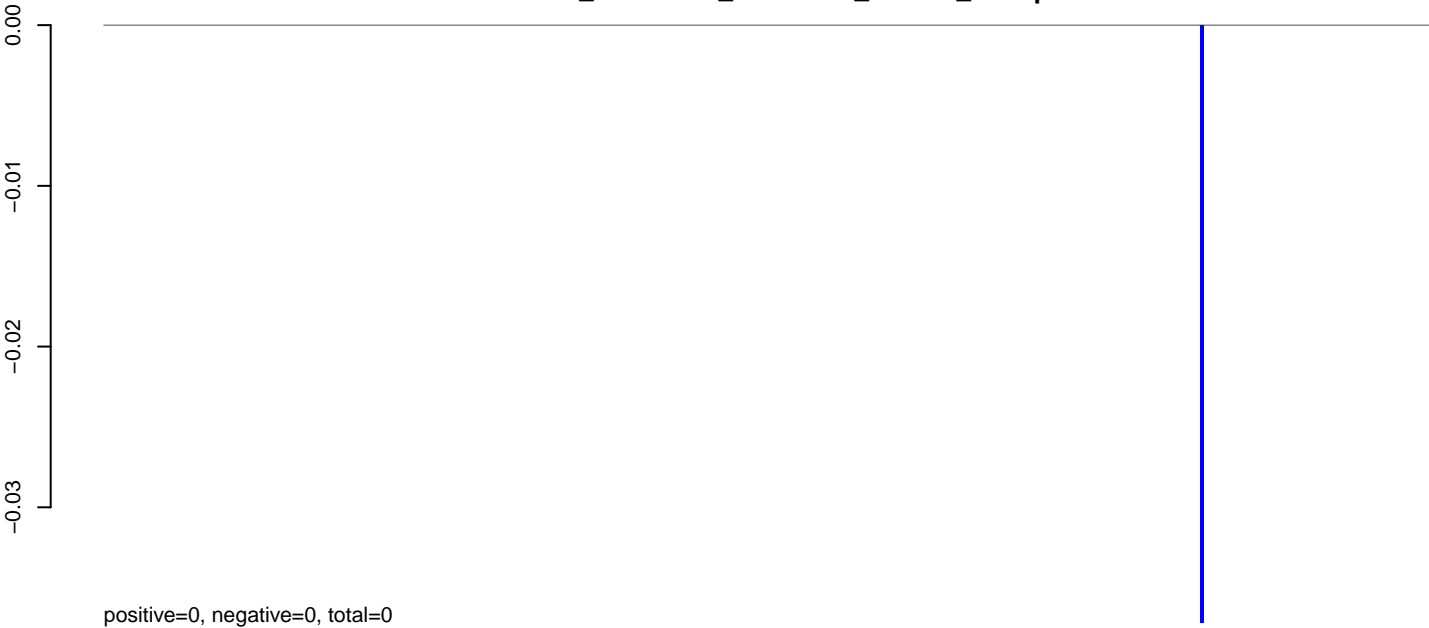
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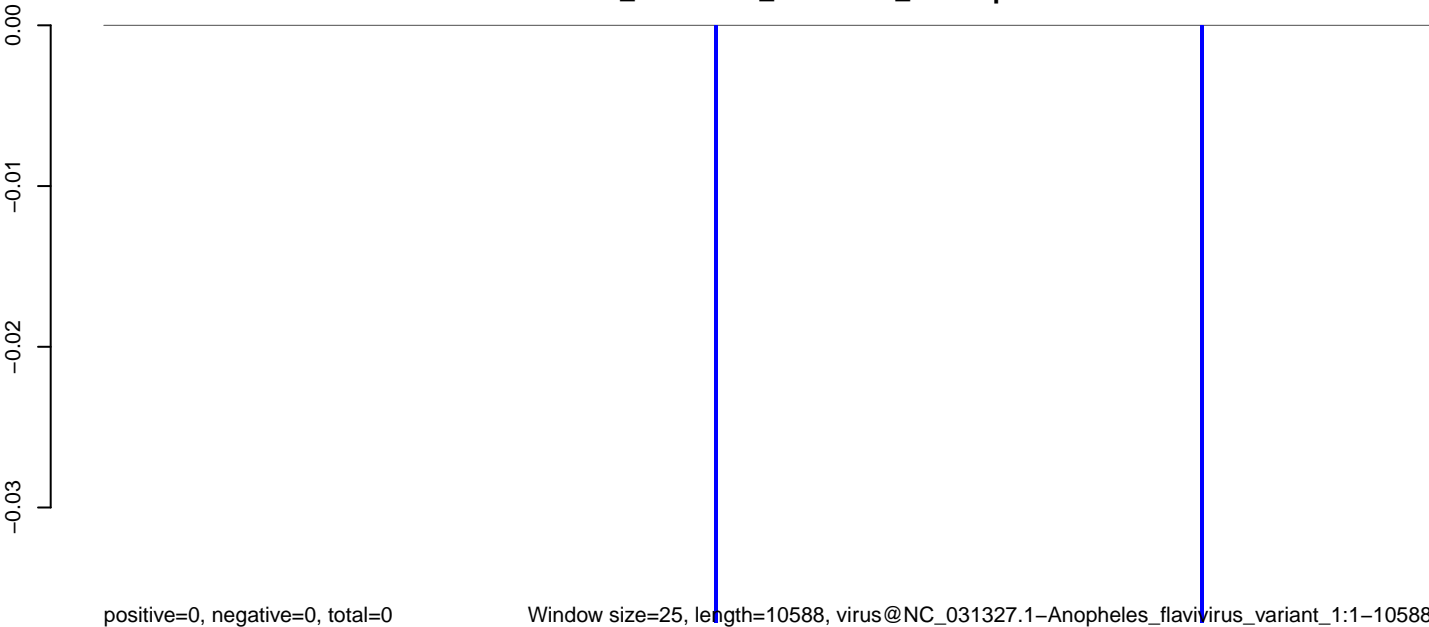
AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



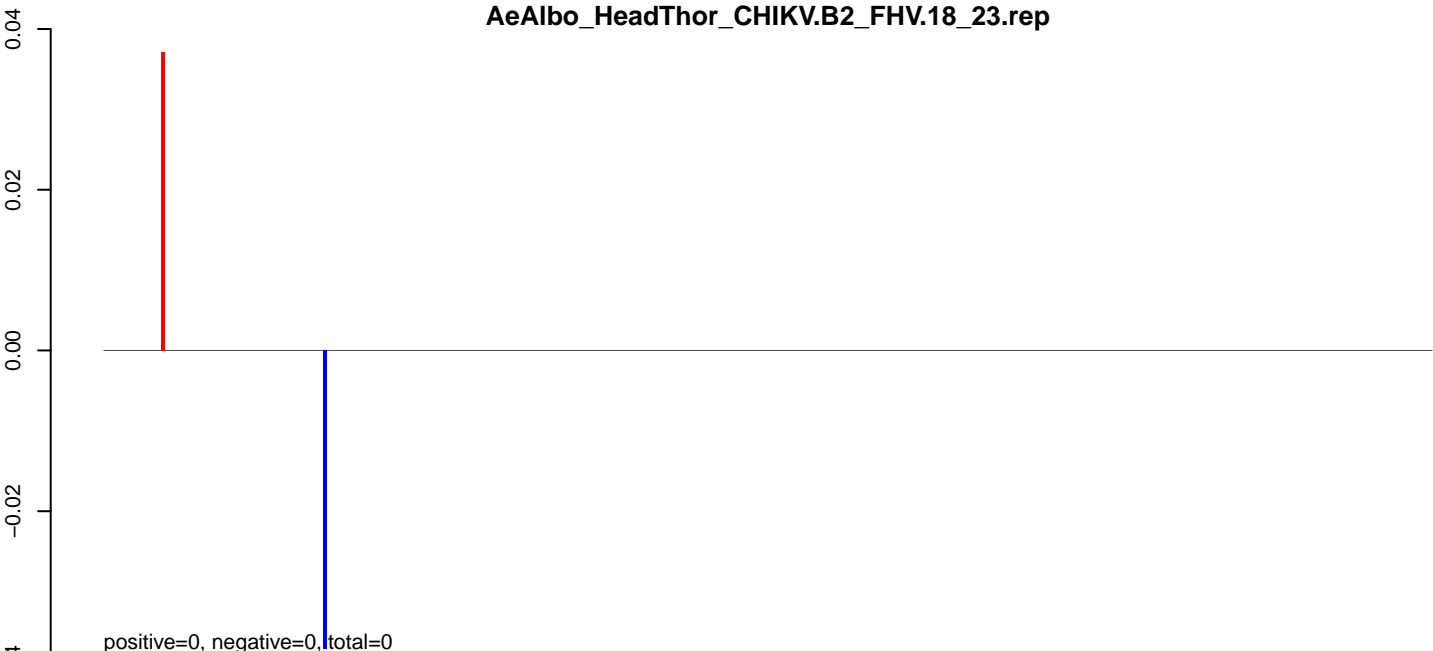
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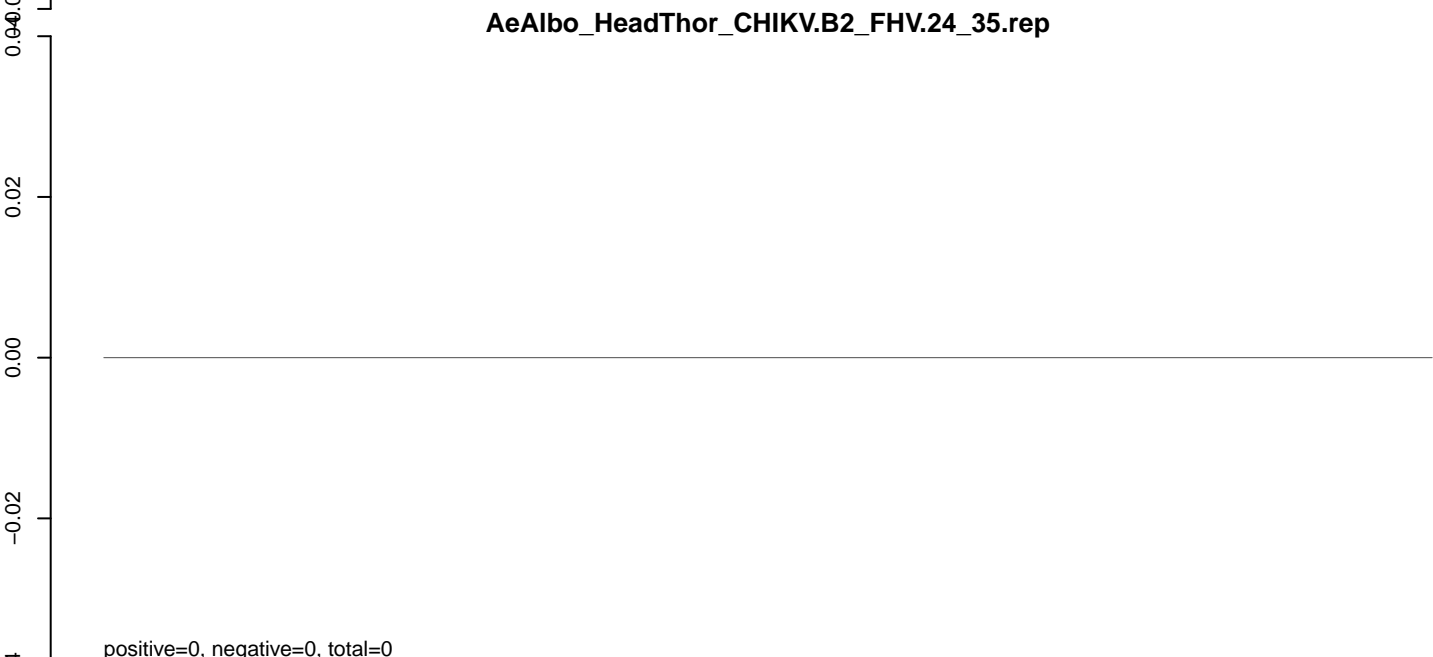
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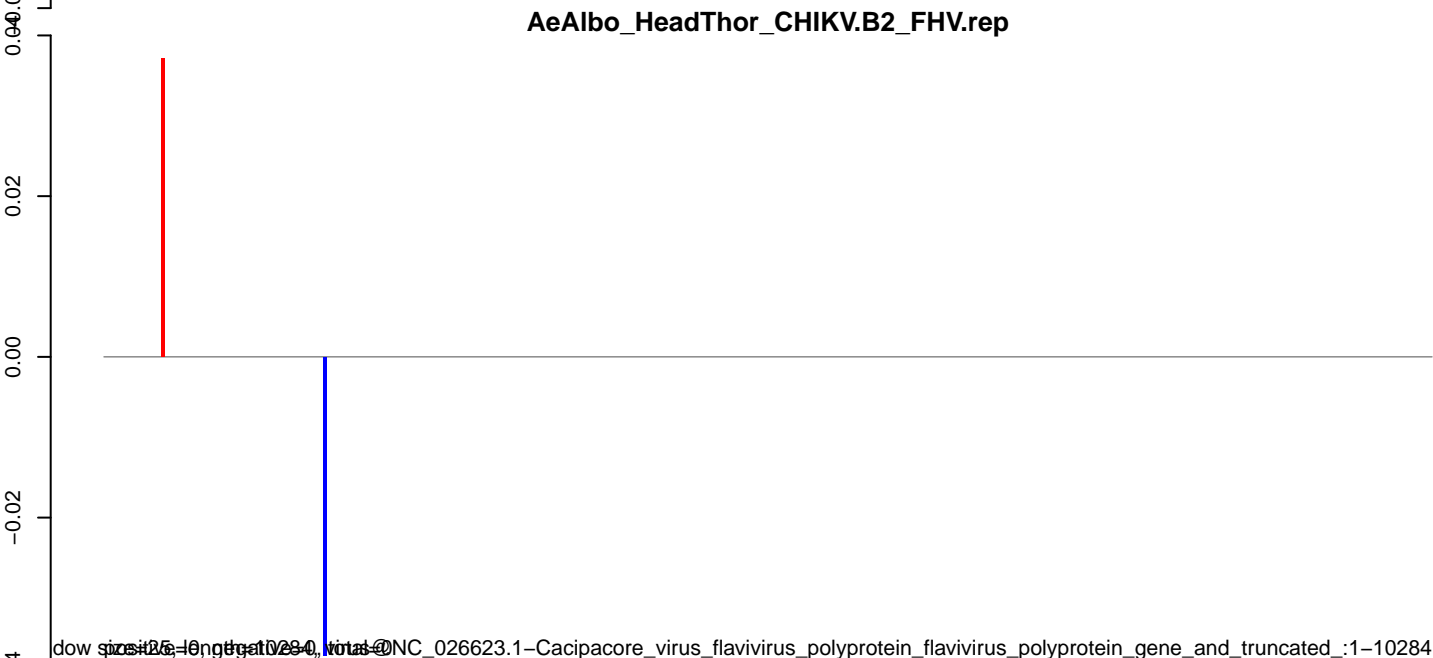
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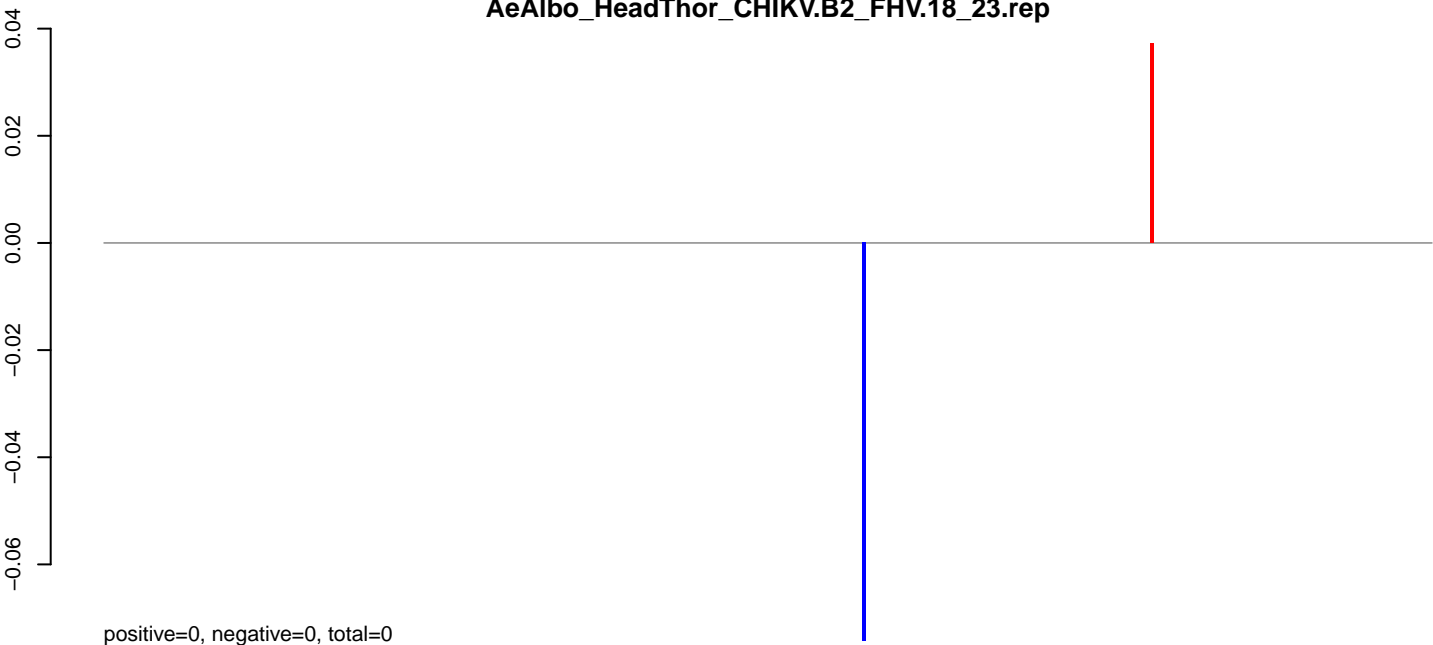
AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



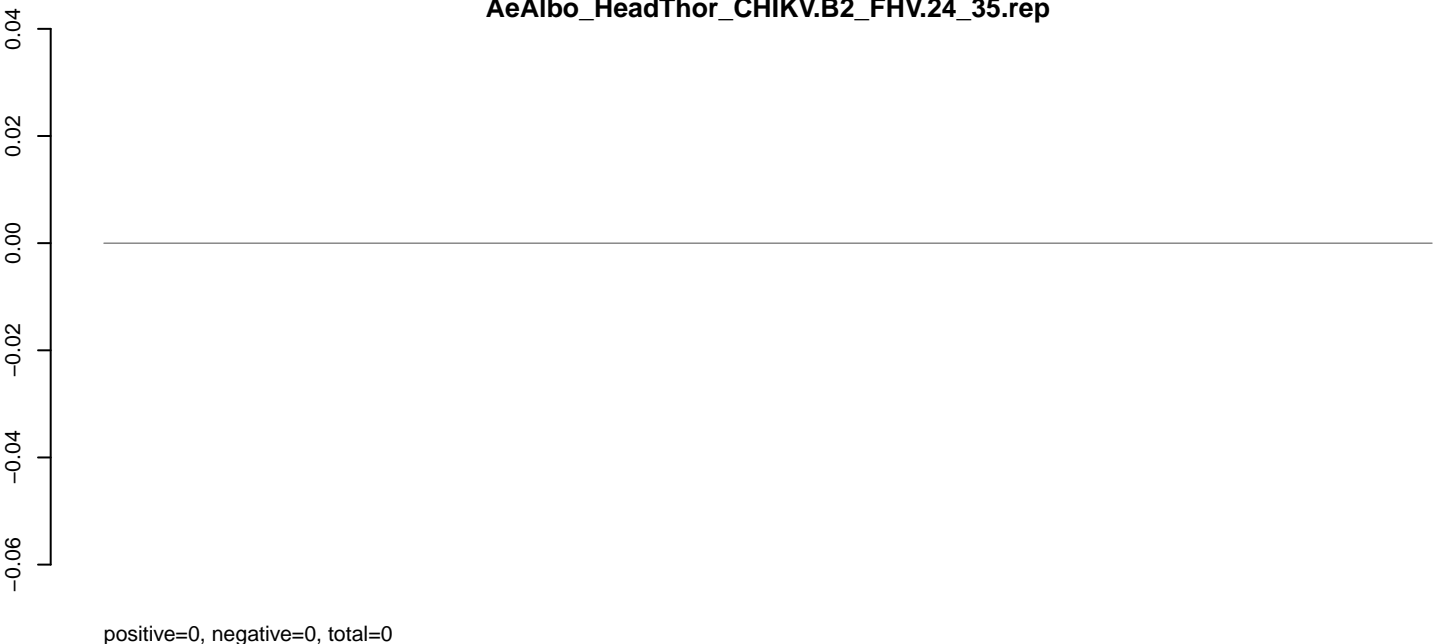
AeAlbo_HeadThor_CHIKV.B2_FHV.rep



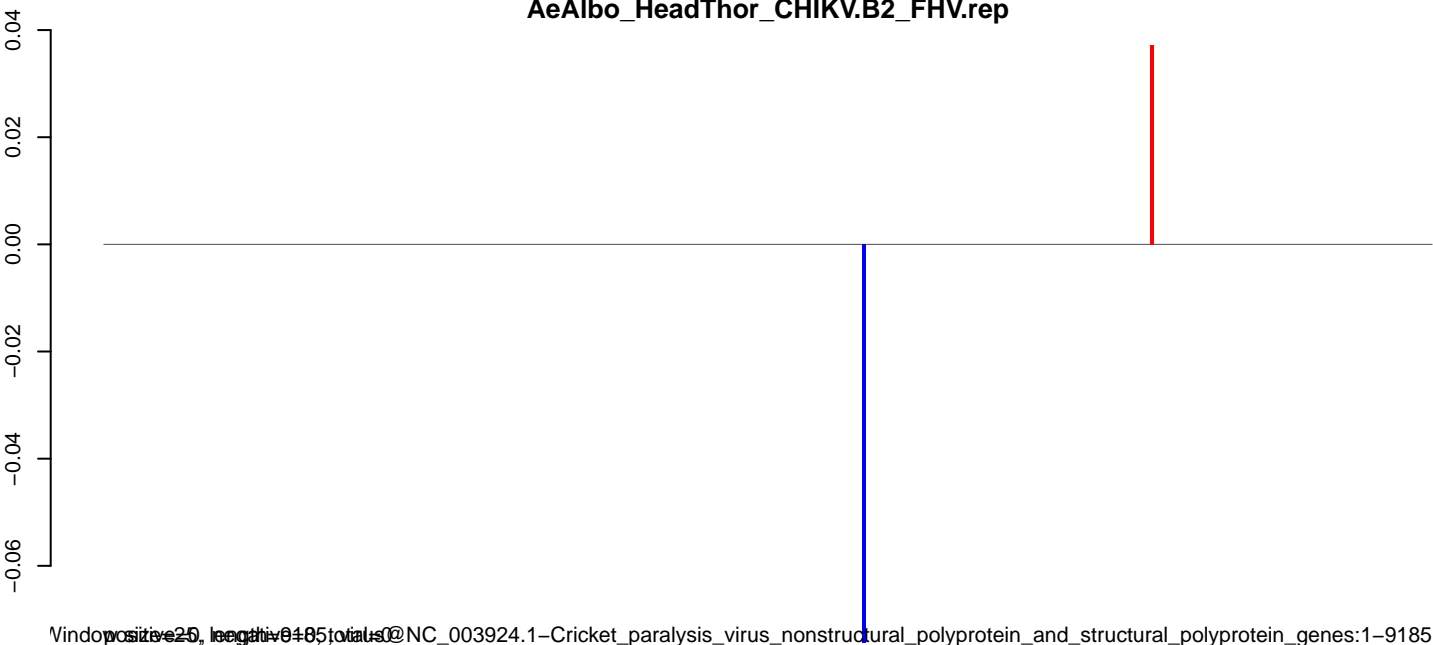
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



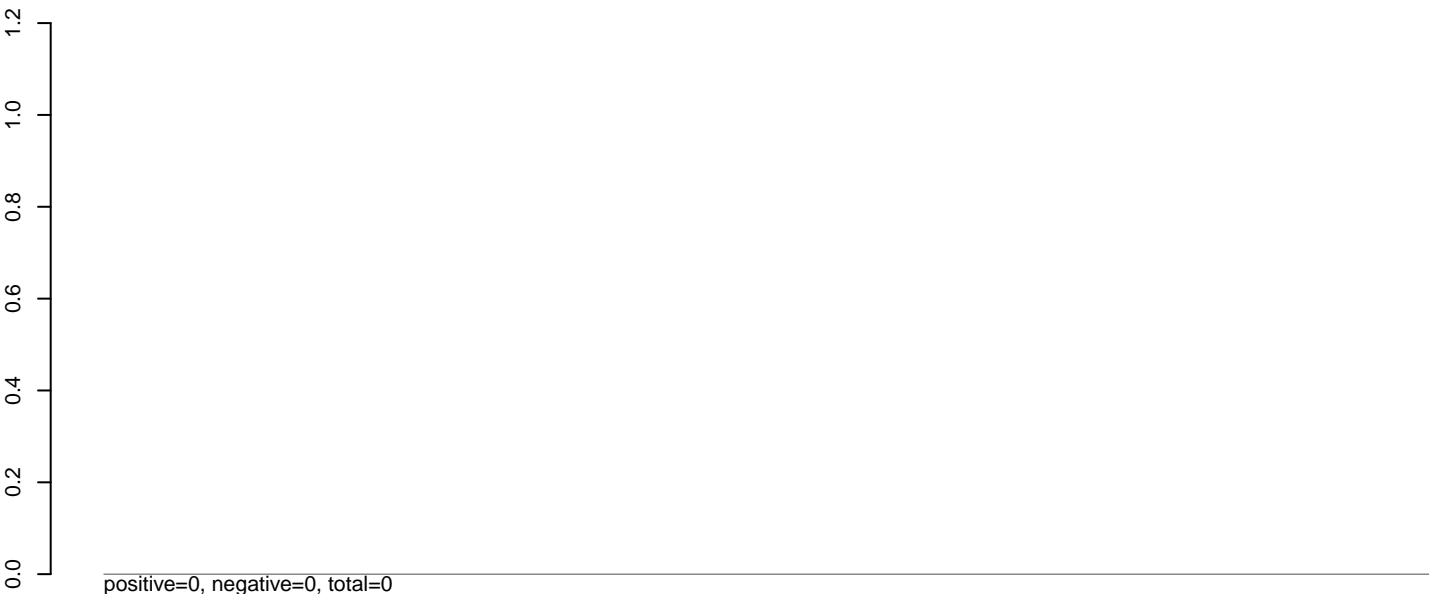
AeAlbo_HeadThor_CHIKV.B2_FHV.rep



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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

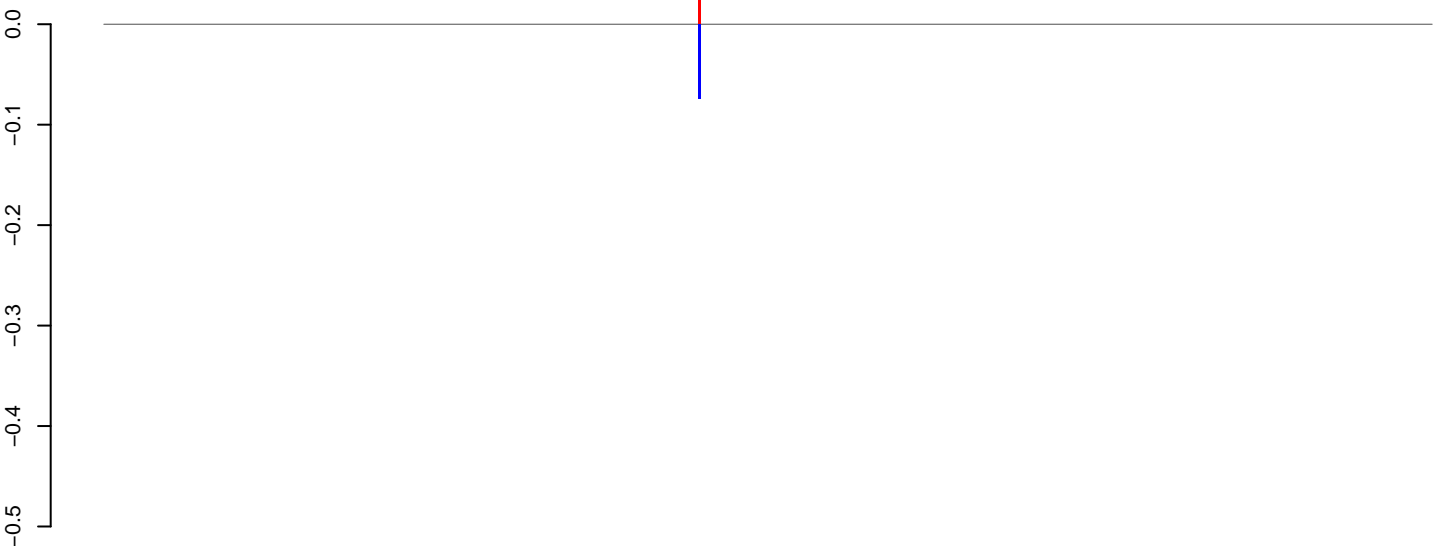


AeAlbo_HeadThor_CHIKV.B2_FHV.rep



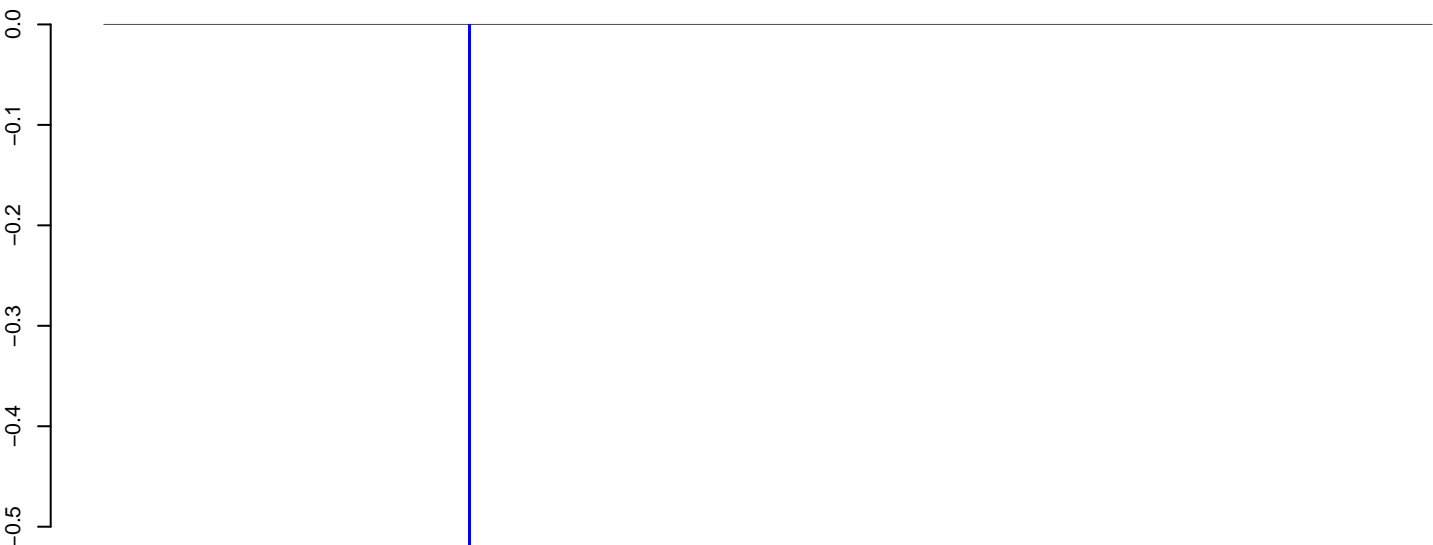
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AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



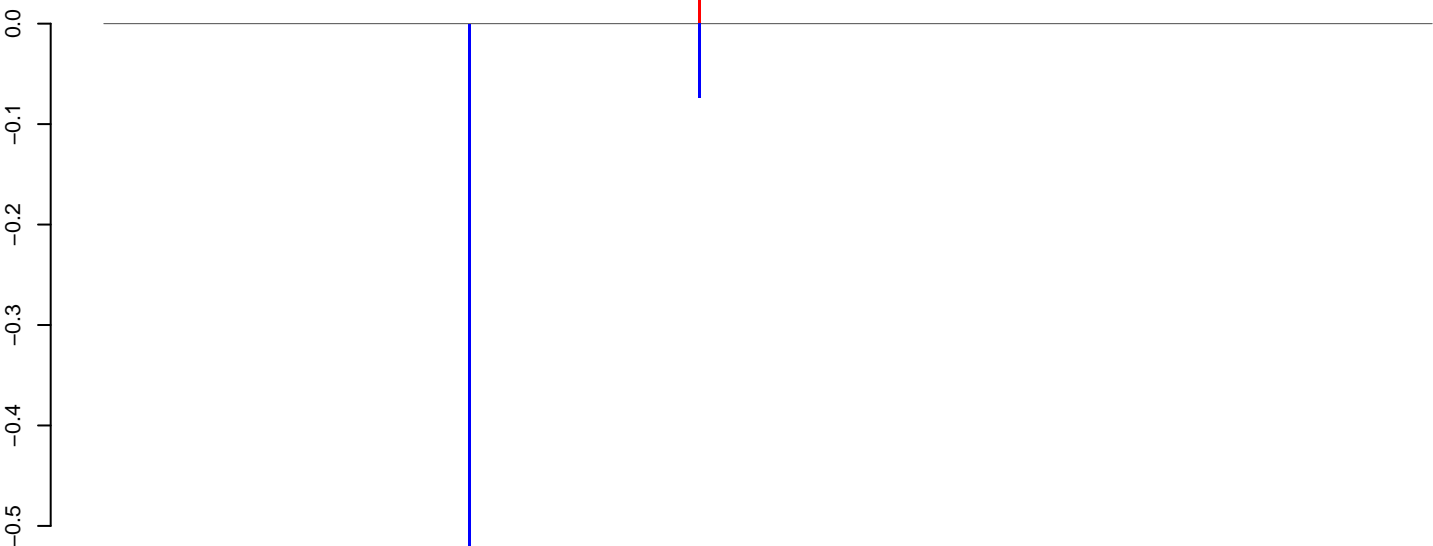
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



positive=0, negative=1, total=1

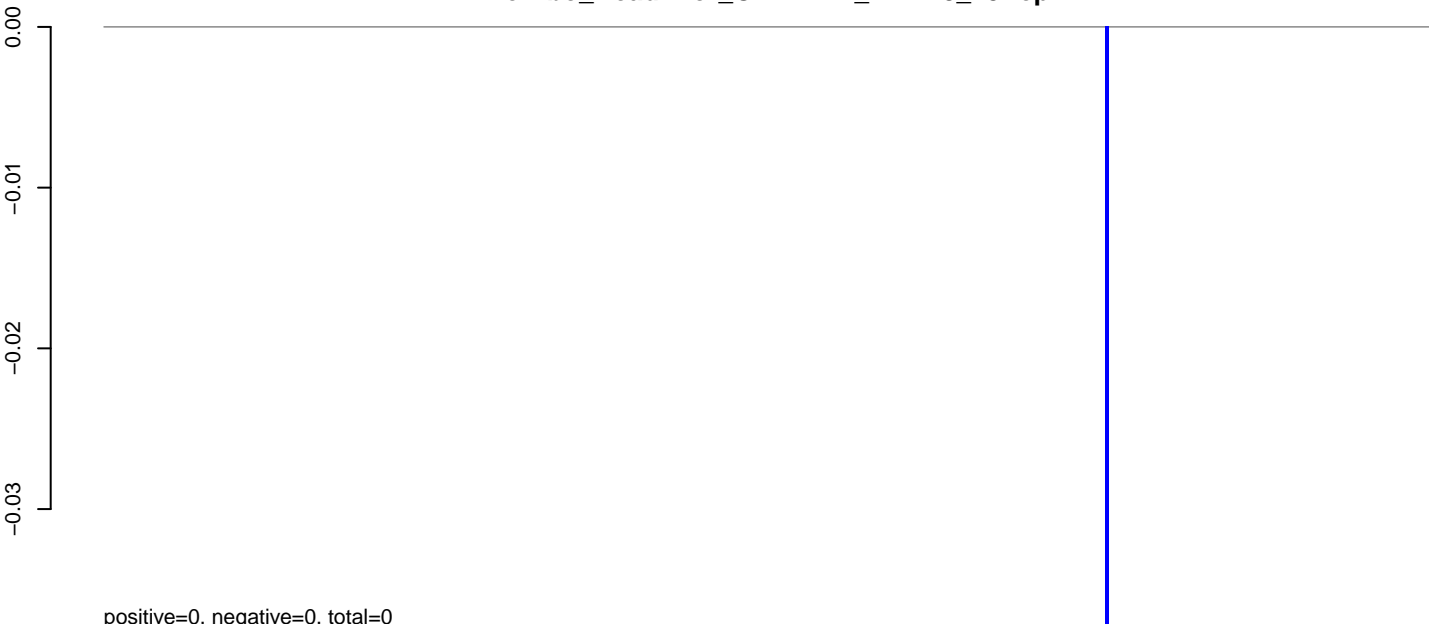
AeAlbo_HeadThor_CHIKV.B2_FHV.rep



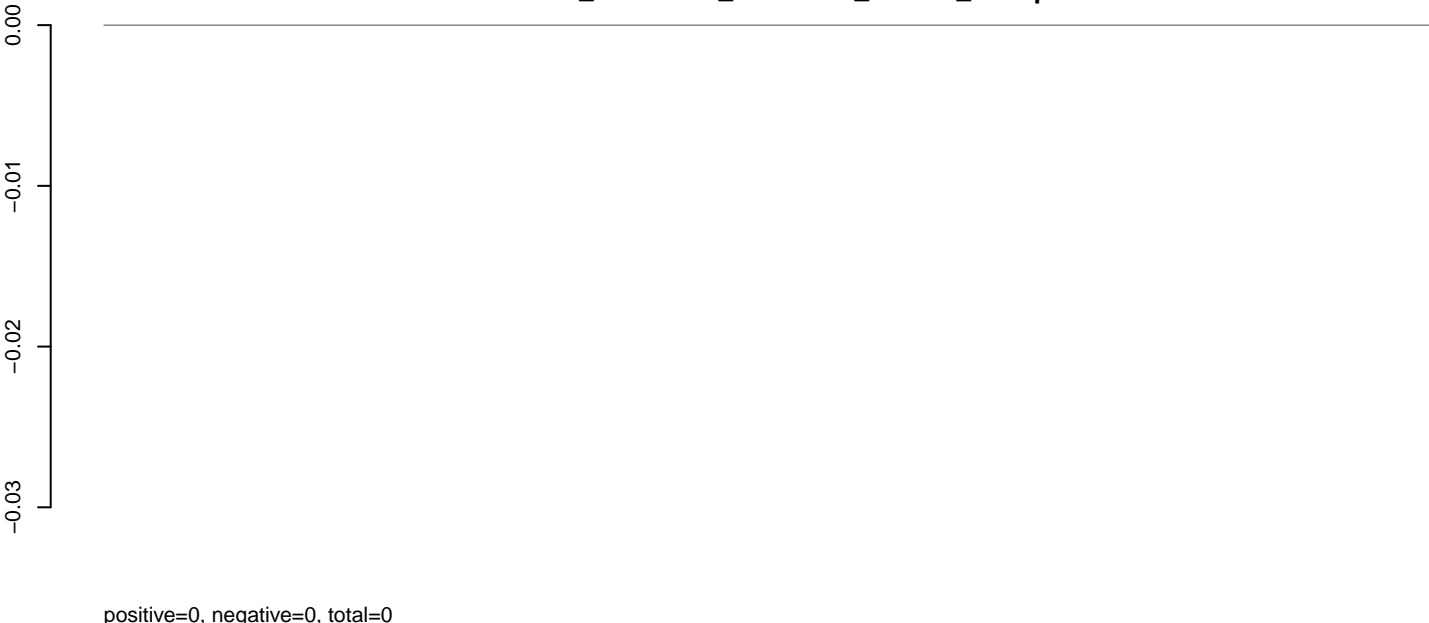
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AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

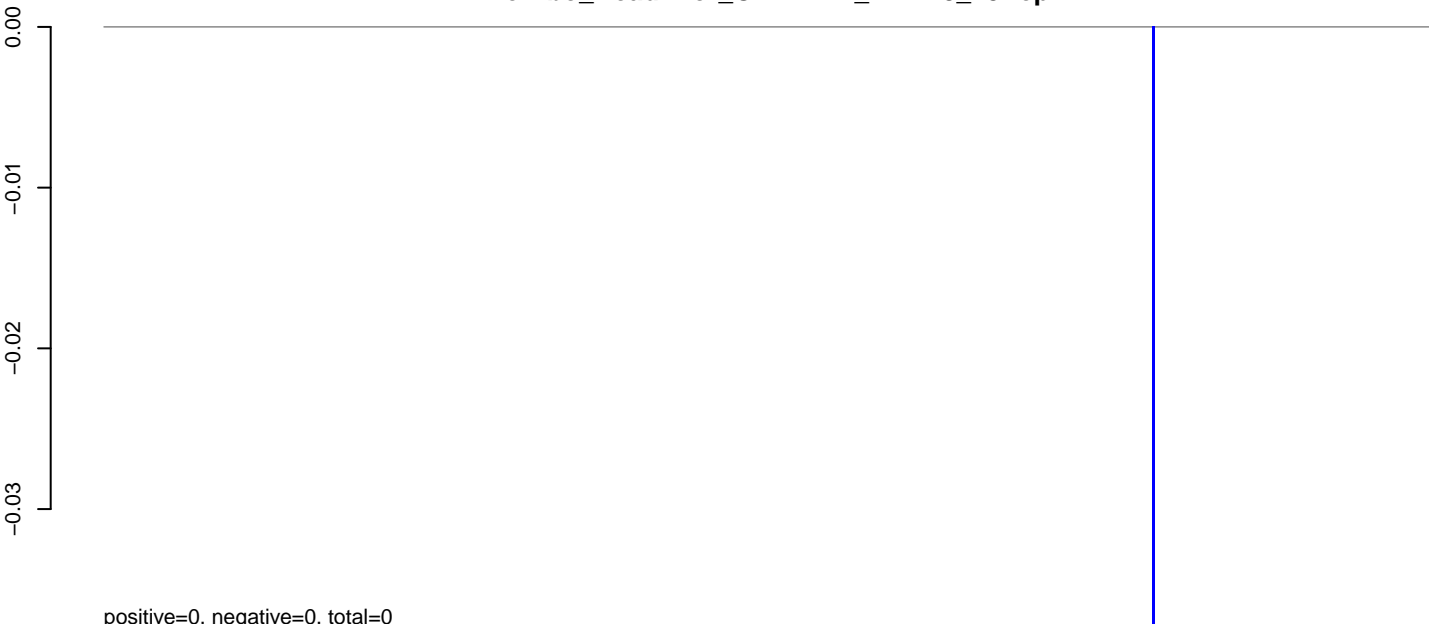


AeAlbo_HeadThor_CHIKV.B2_FHV.rep



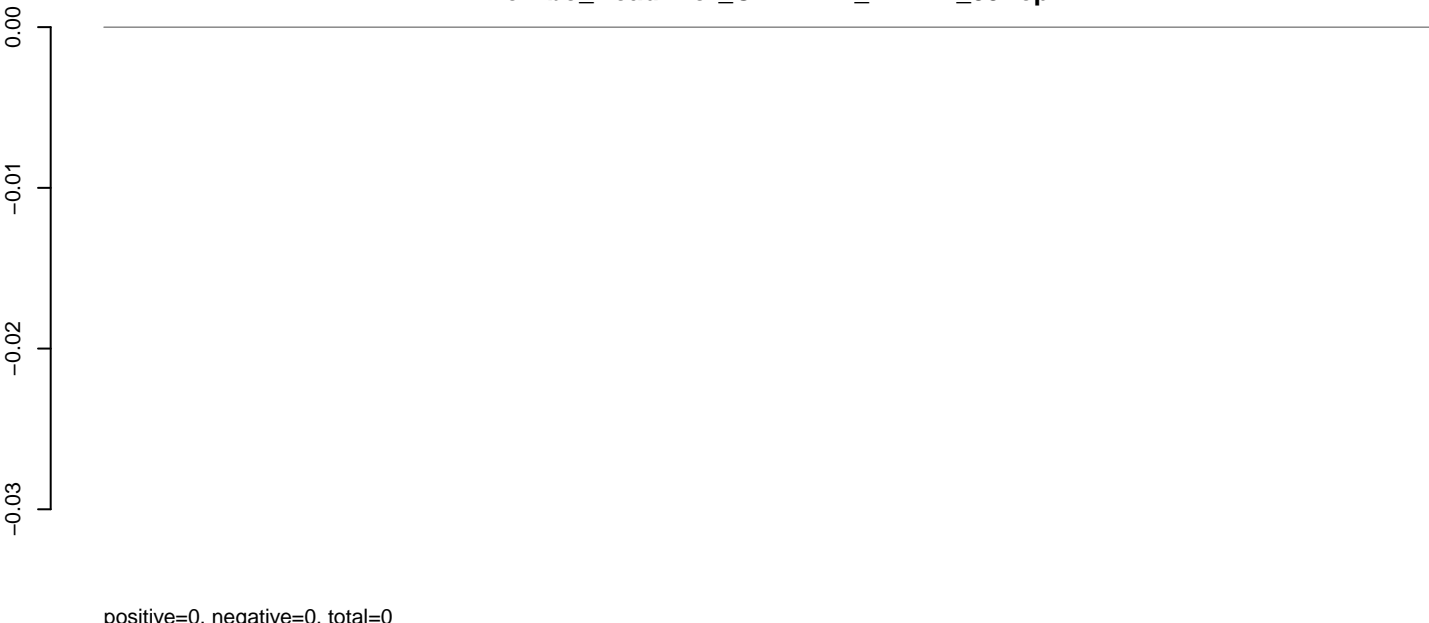
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AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



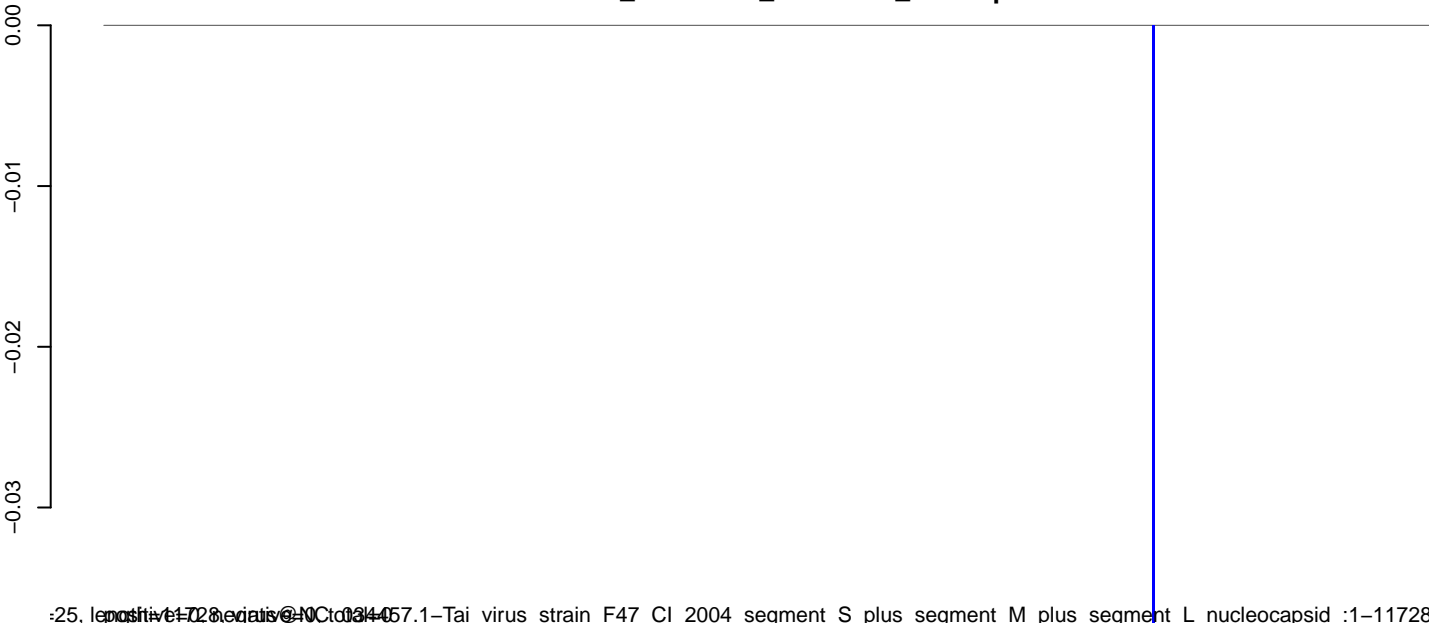
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



positive=0, negative=0, total=0

AeAlbo_HeadThor_CHIKV.B2_FHV.rep



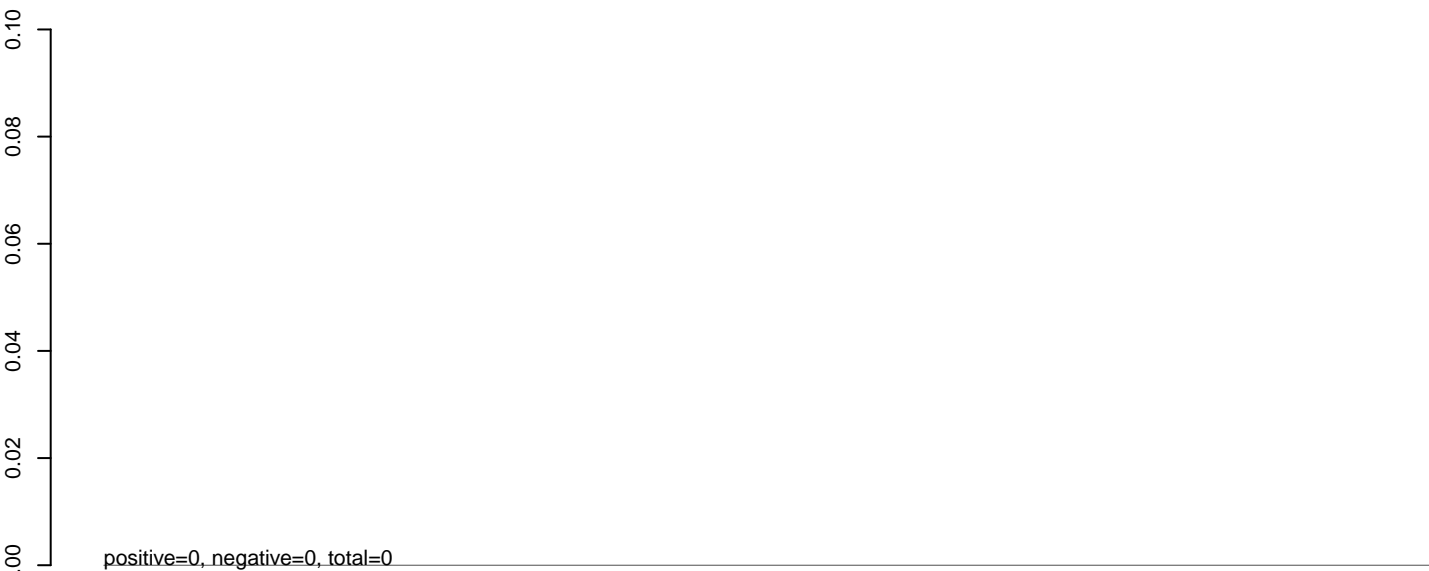
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0 2000 4000 6000 8000 10000 12000

AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



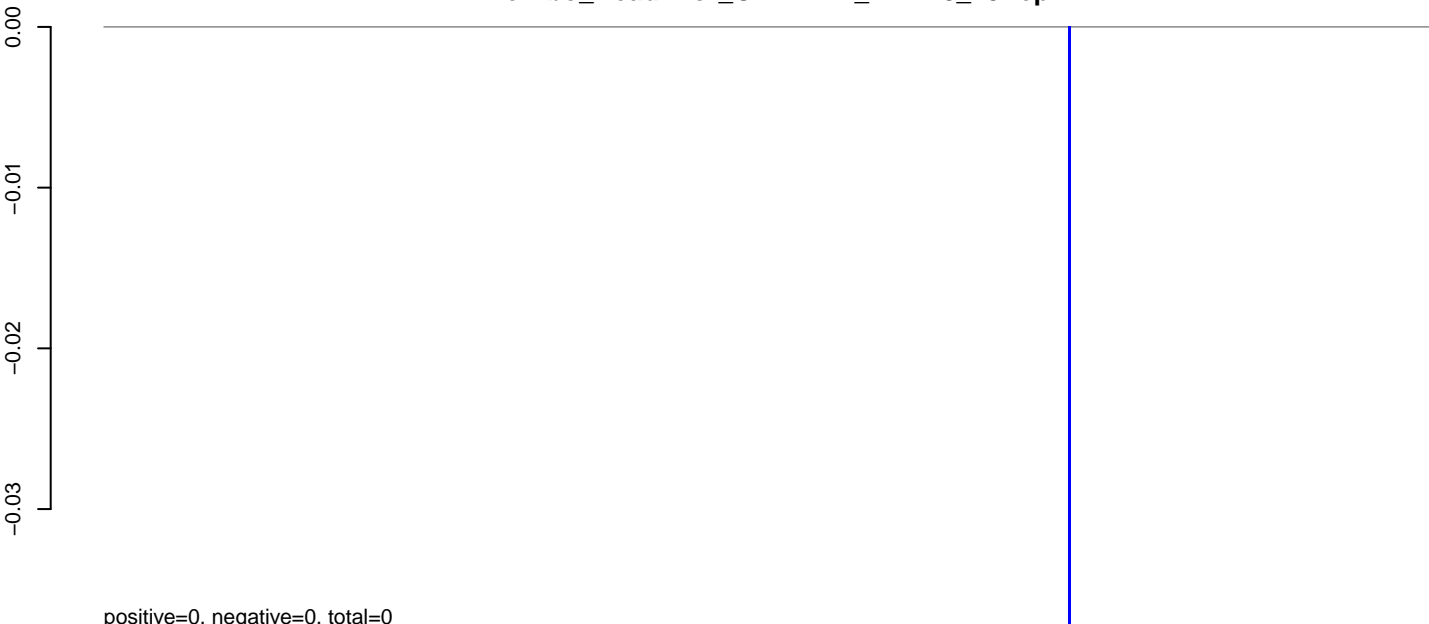
AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep

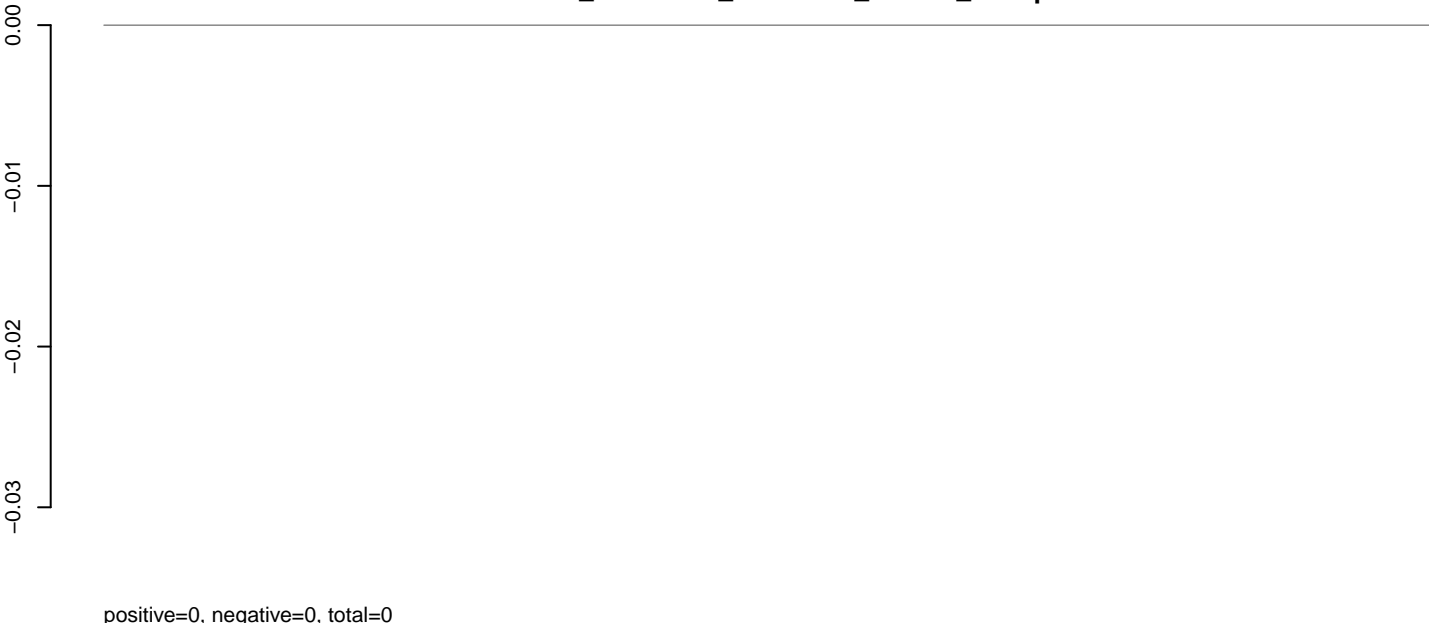


AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



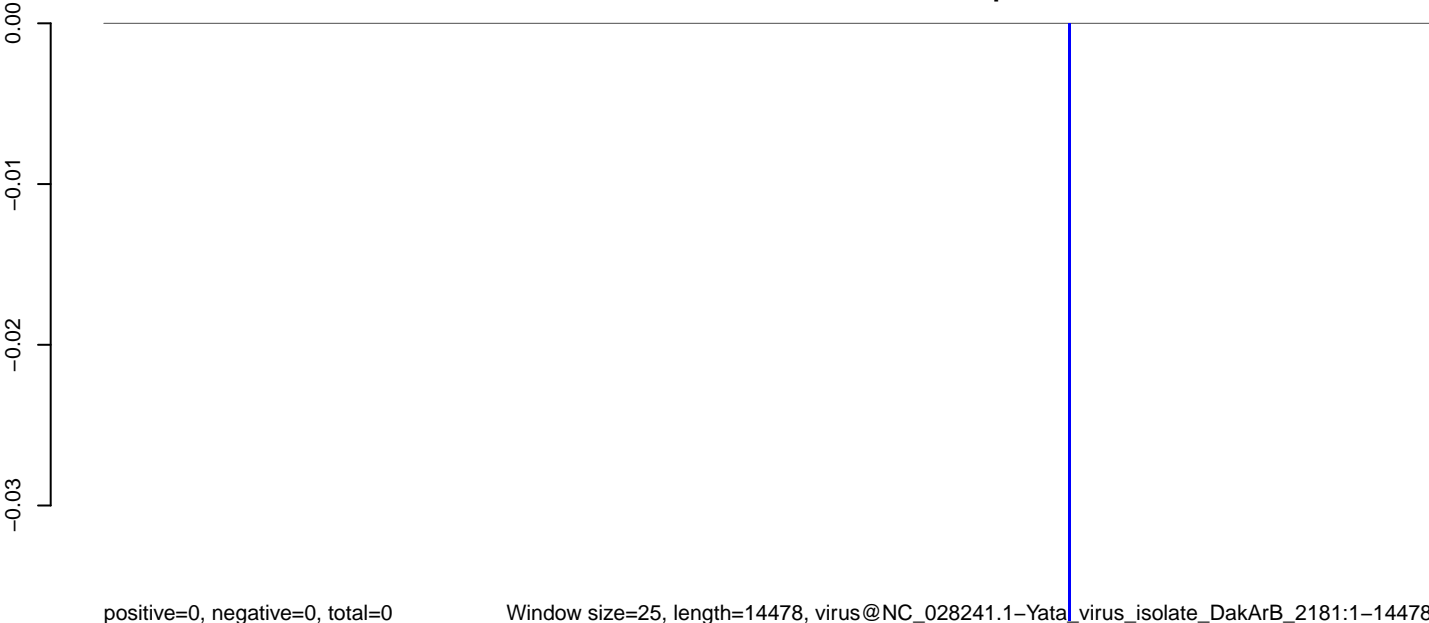
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



positive=0, negative=0, total=0

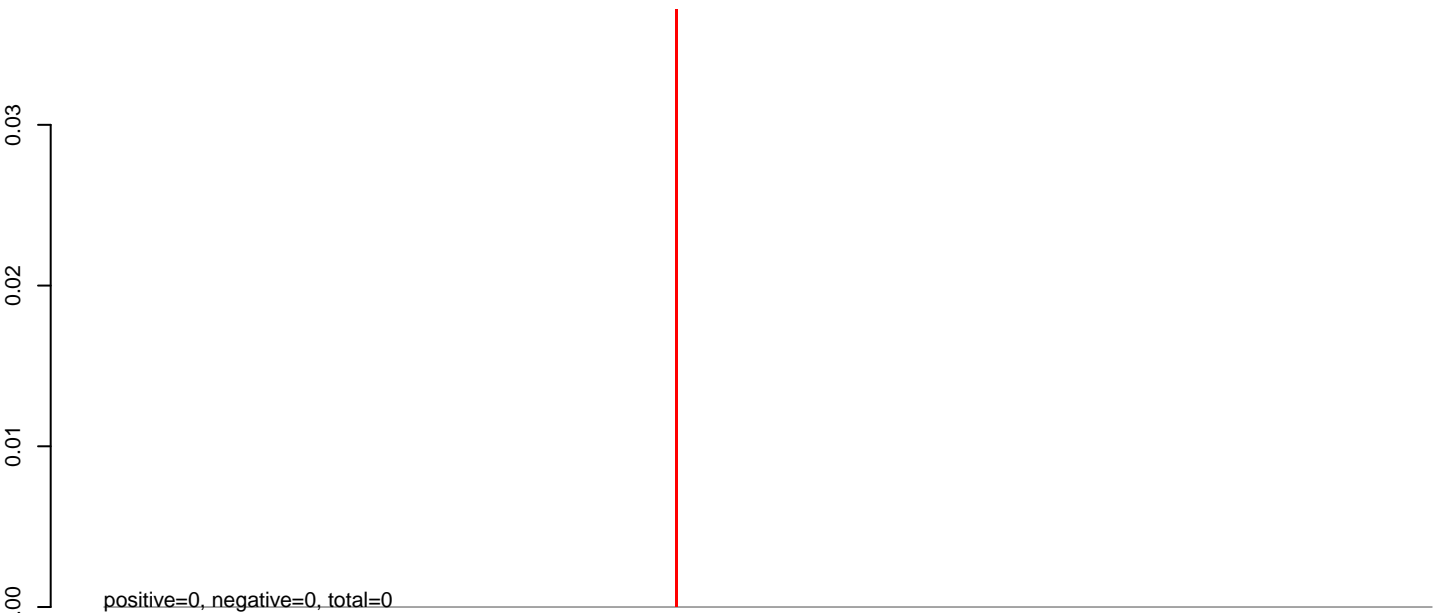
AeAlbo_HeadThor_CHIKV.B2_FHV.rep



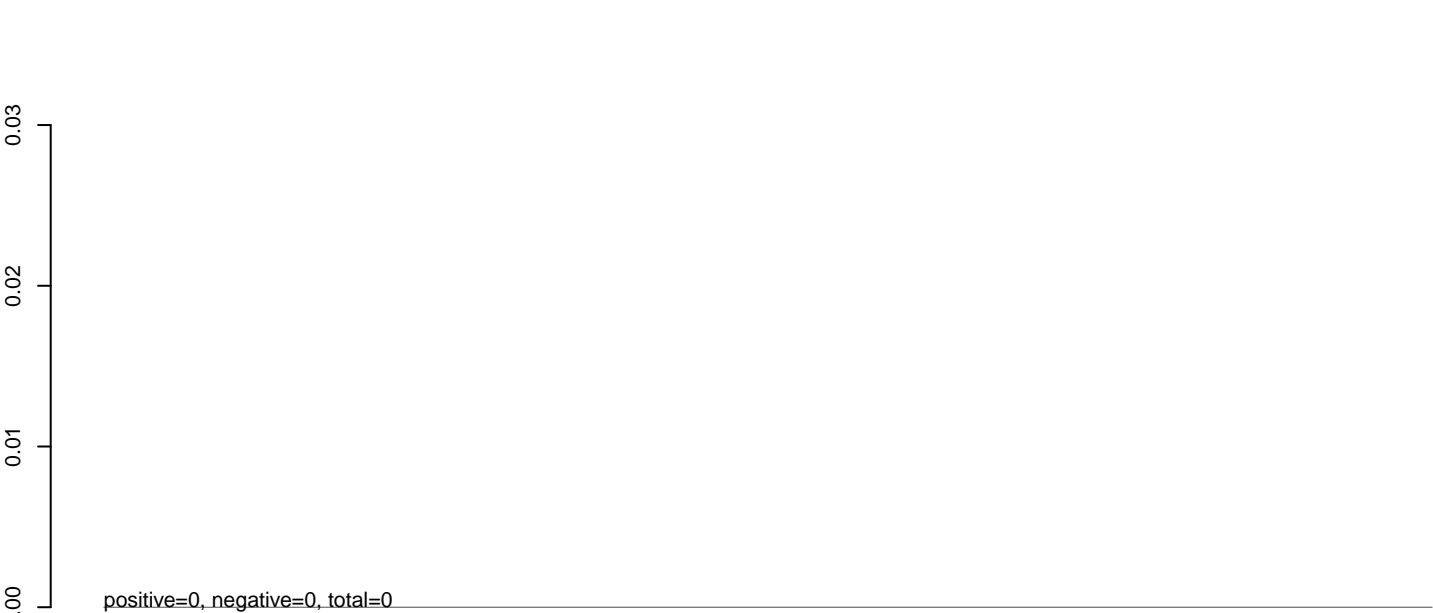
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AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



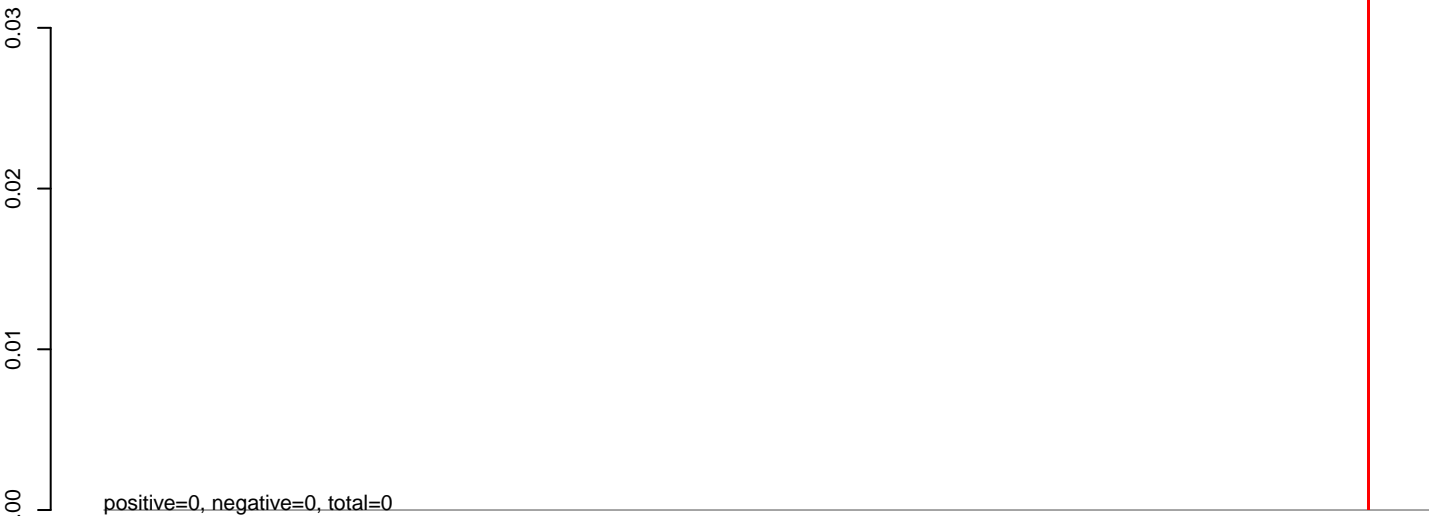
AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



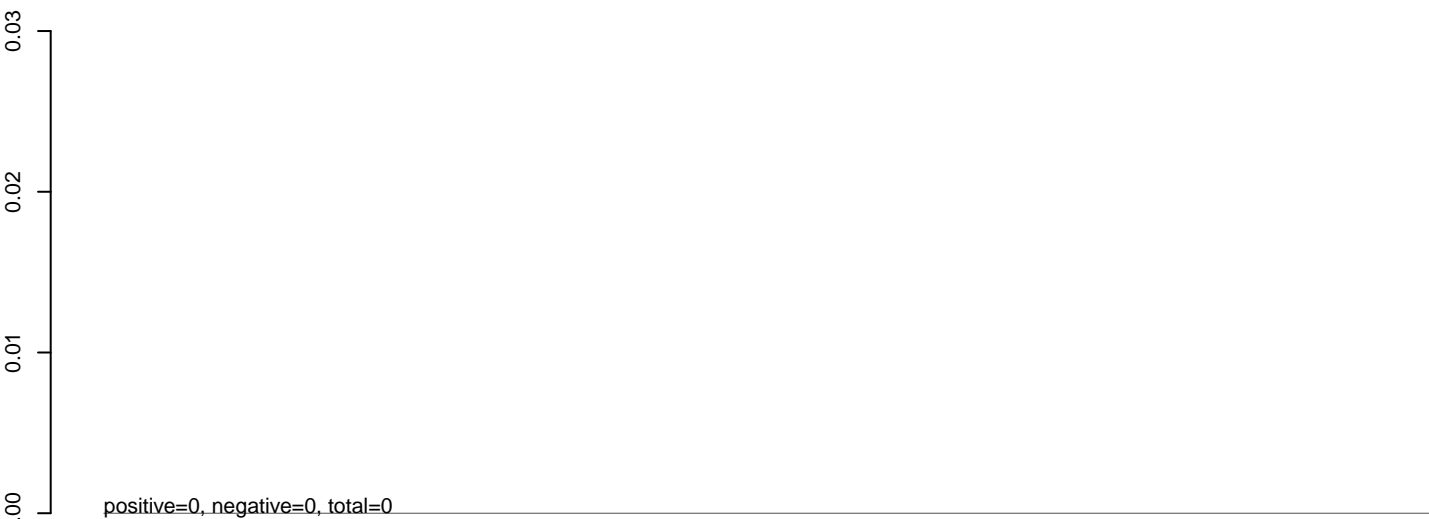
AeAlbo_HeadThor_CHIKV.B2_FHV.rep



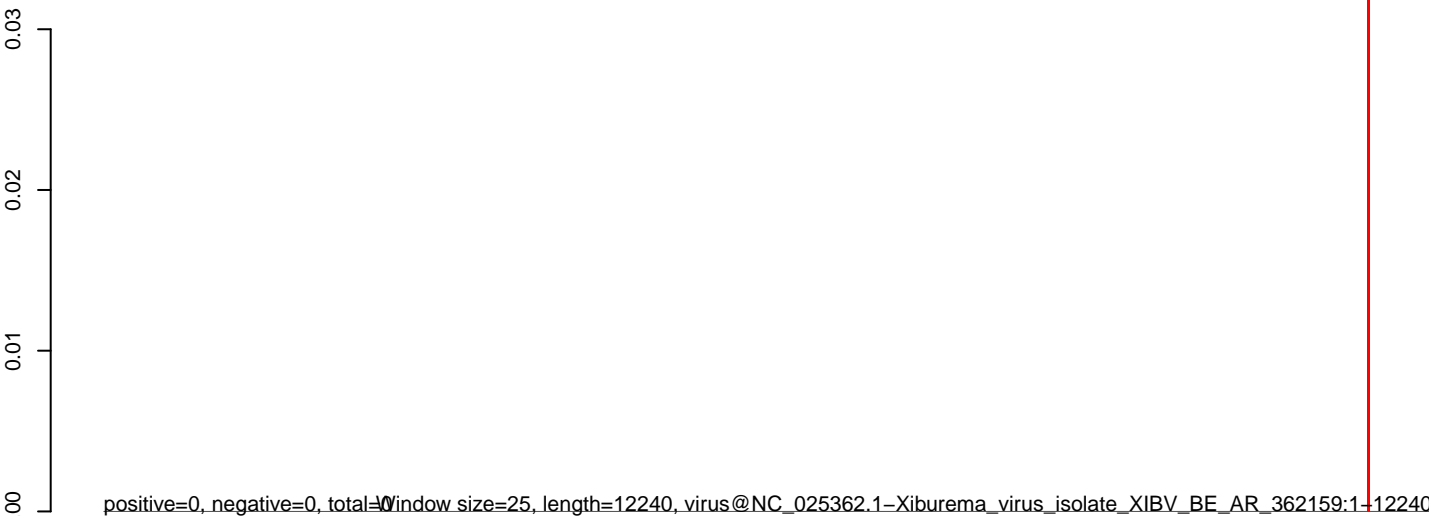
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



0 2000 4000 6000 8000 10000 12000

AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep

0.00
-0.01
-0.02
-0.03

positive=0, negative=0, total=0

AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

0.00
-0.01
-0.02
-0.03

positive=0, negative=0, total=0

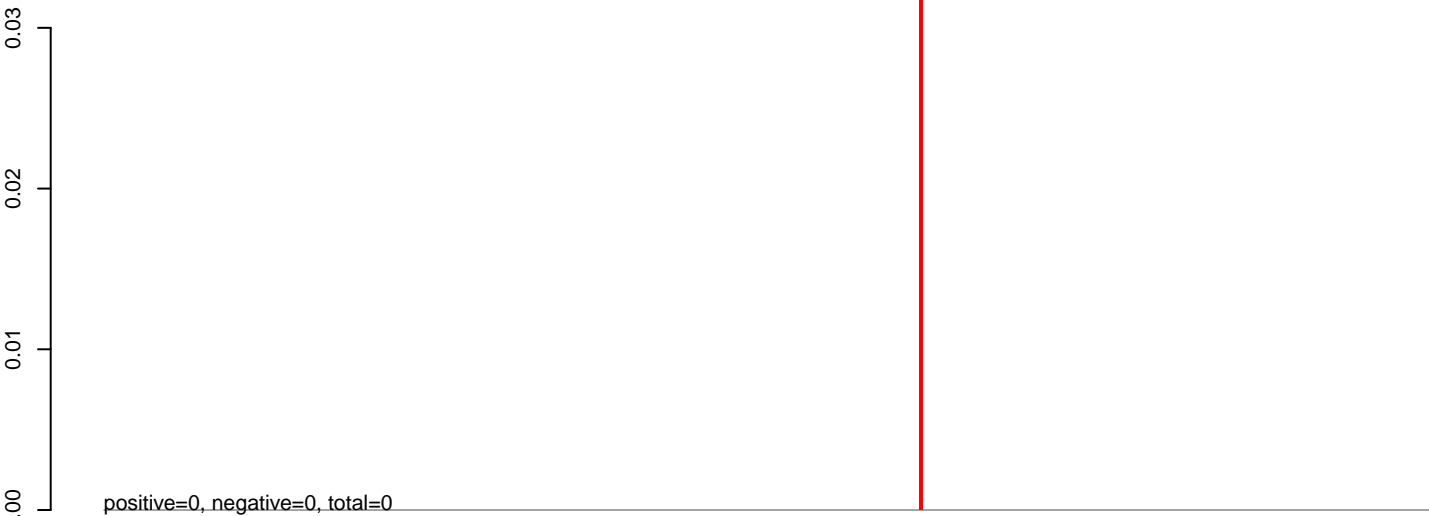
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-0.01
-0.02
-0.03

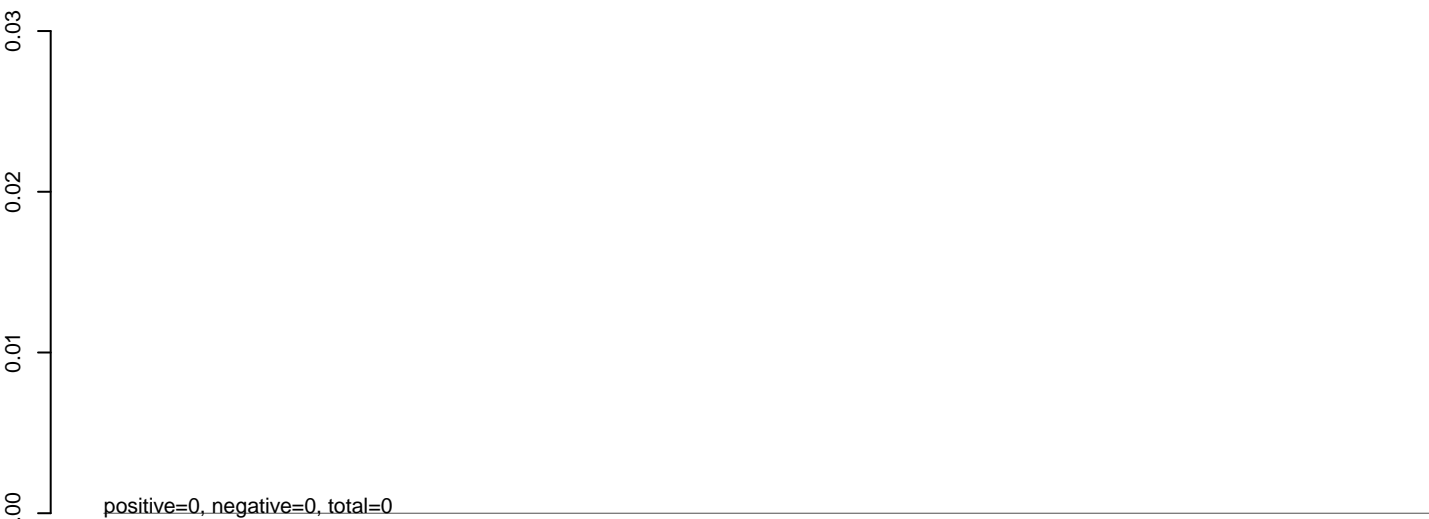
positive=0, negative=0, total=0 window size=25, length=10673, virus@NC_023424.1-Tyuleniy_virus_strain_LEIV-6C_polyprotein_gene:1-10673

0 2000 4000 6000 8000 10000

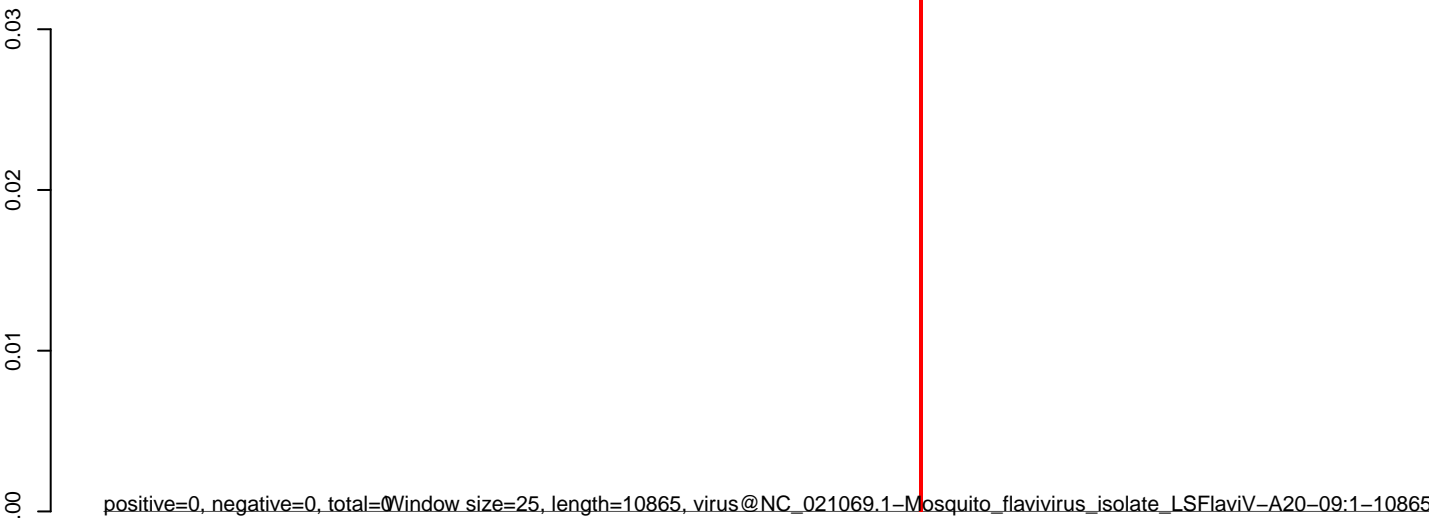
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

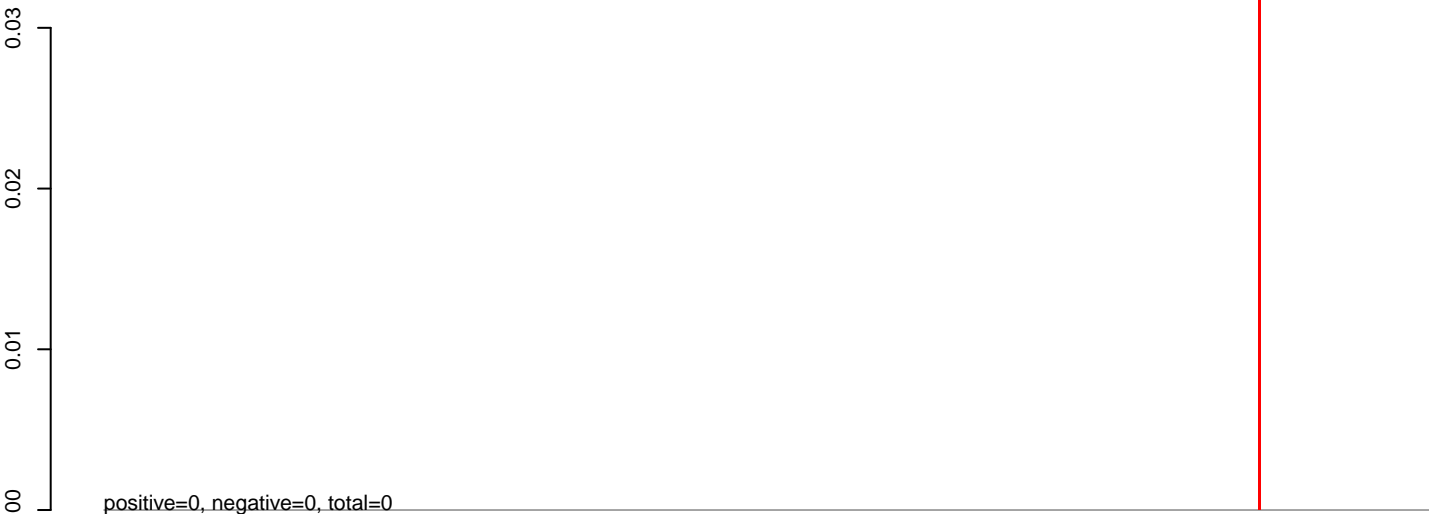


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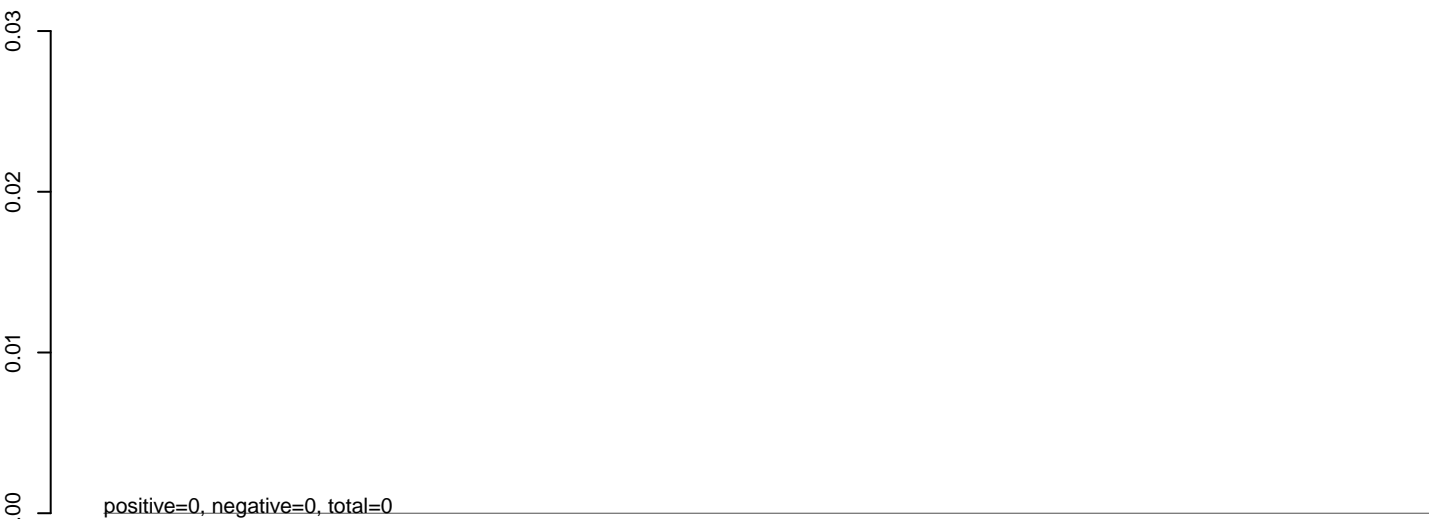


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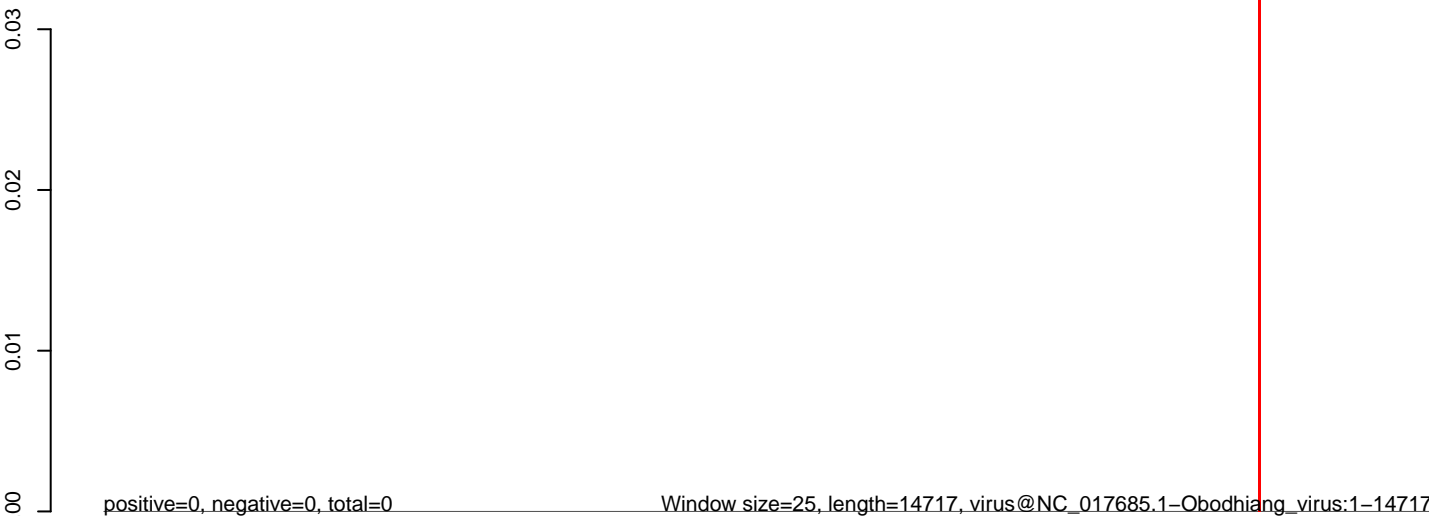
AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep

0.00
-0.01
-0.02
-0.03

positive=0, negative=0, total=0

AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

0.00
-0.01
-0.02
-0.03

positive=0, negative=0, total=0

AeAlbo_HeadThor_CHIKV.B2_FHV.rep

0.00
-0.01
-0.02
-0.03

positive=0, negative=0, total=0

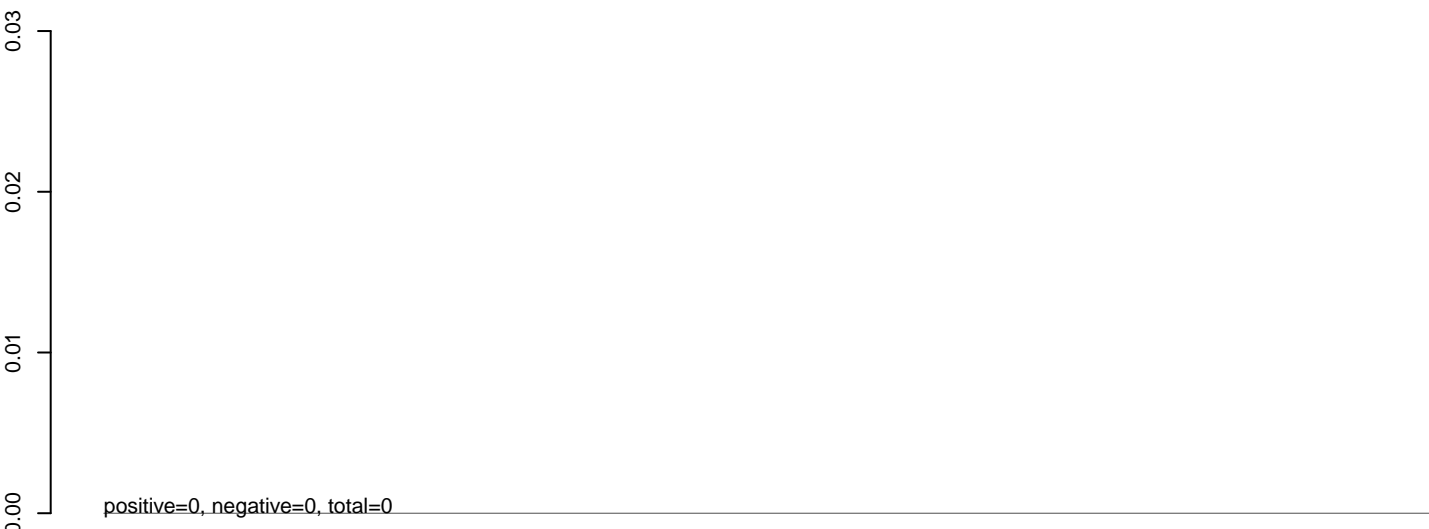
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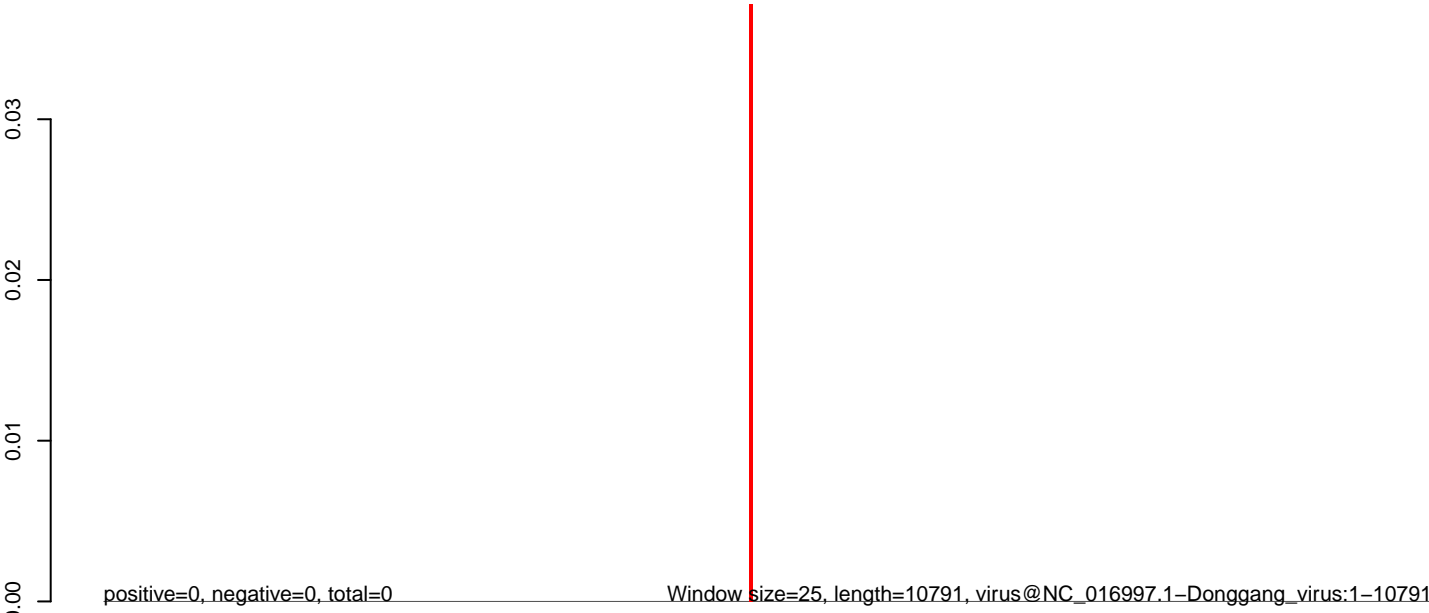
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

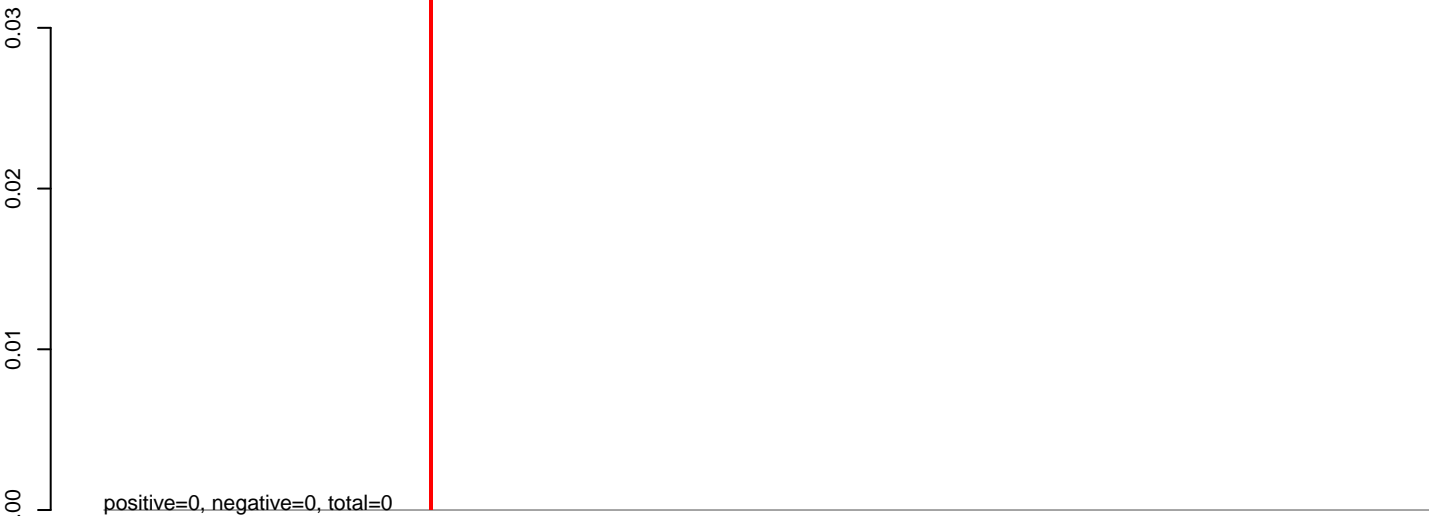


AeAlbo_HeadThor_CHIKV.B2_FHV.rep

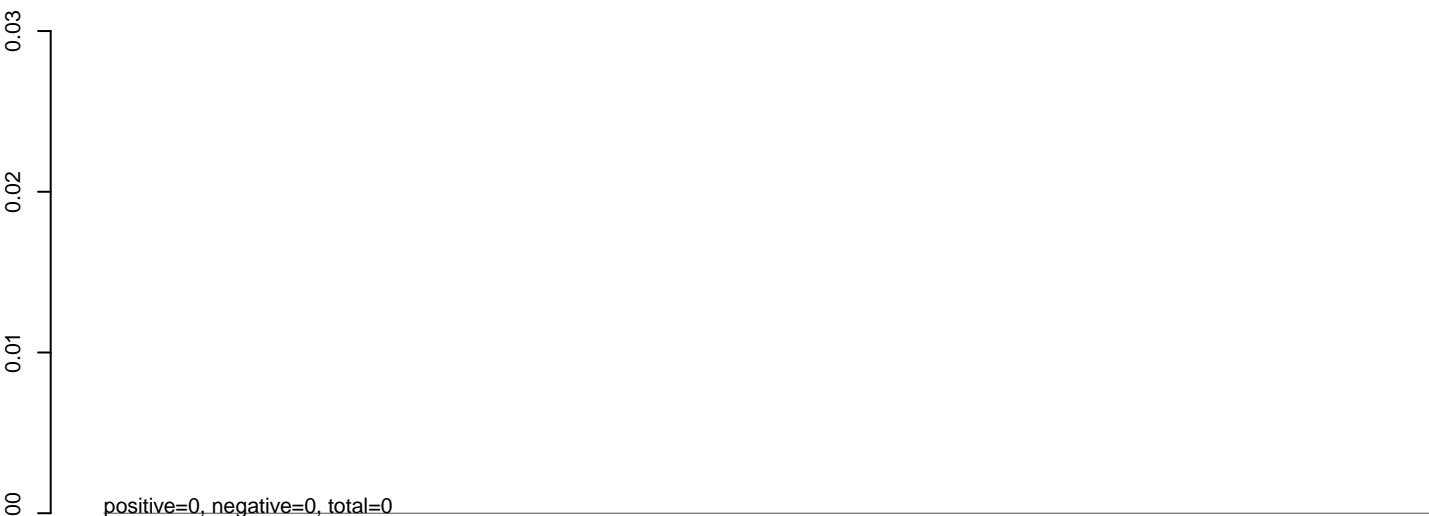


0 2000 4000 6000 8000 10000

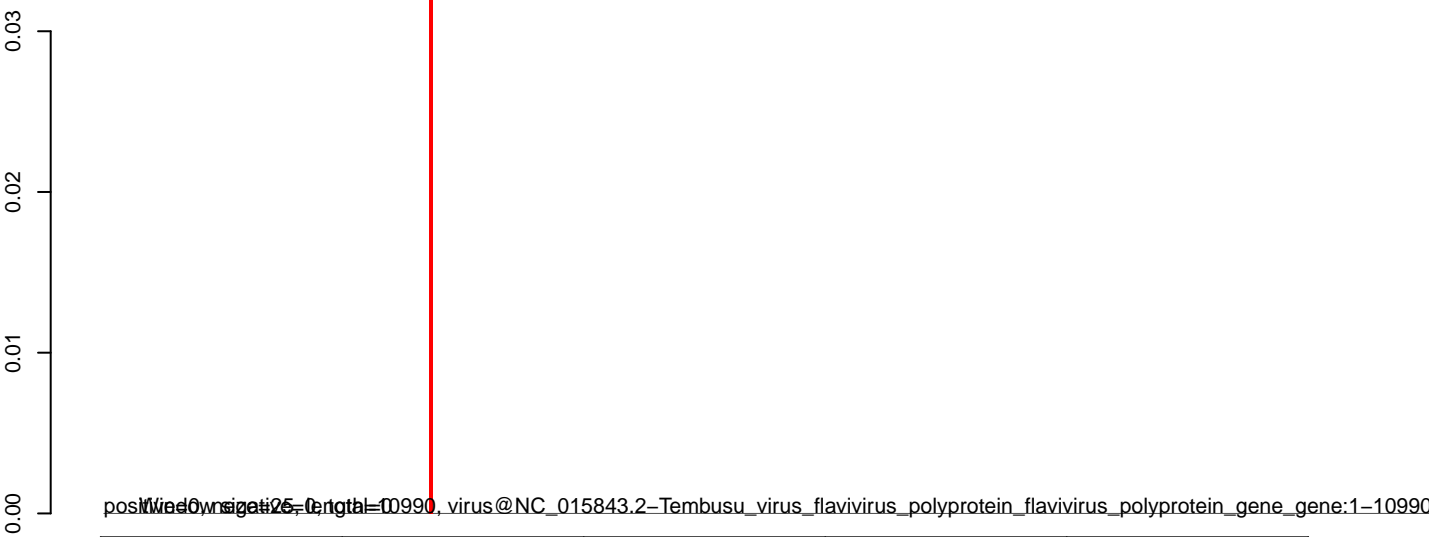
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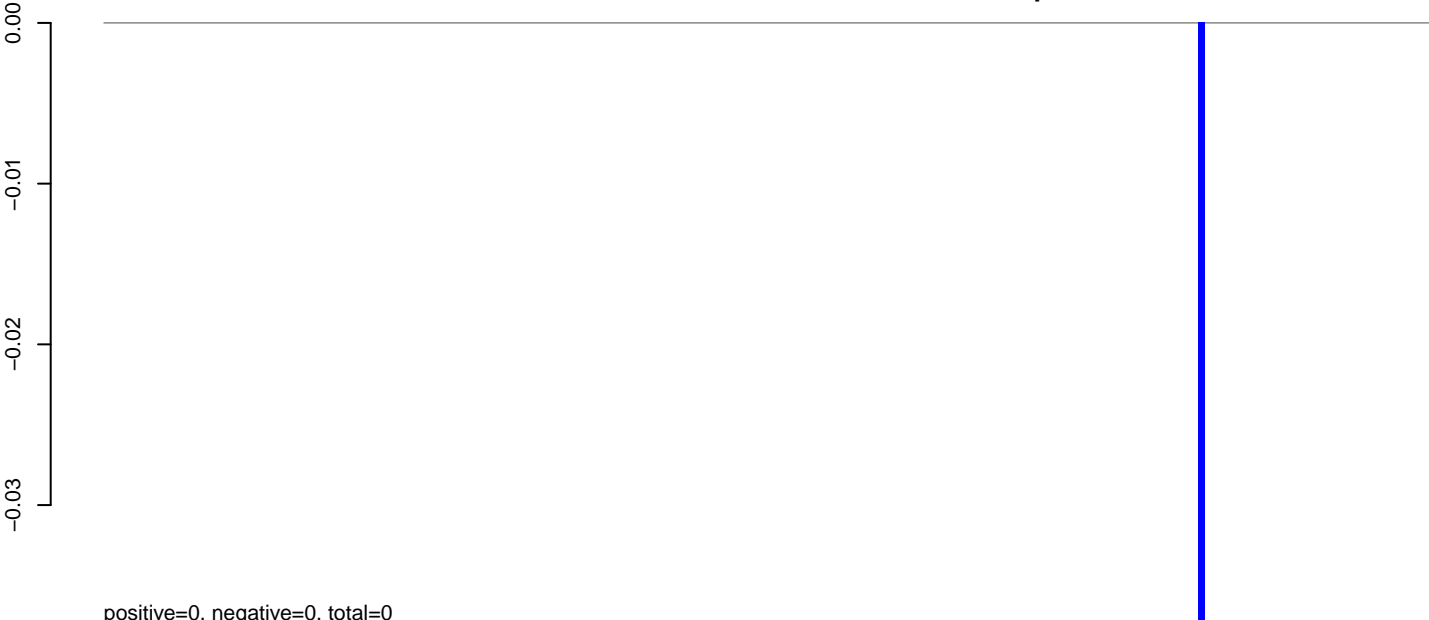
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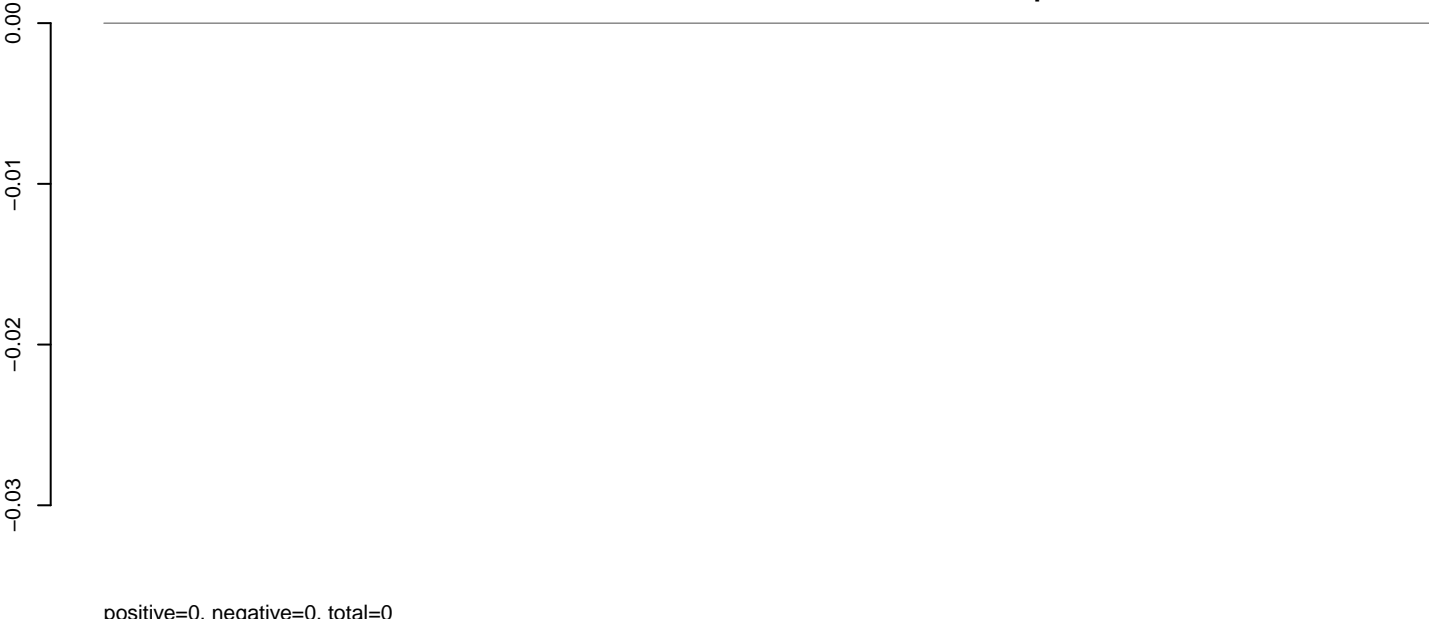
AeAlbo_HeadThor_CHIKV.B2_FHV.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

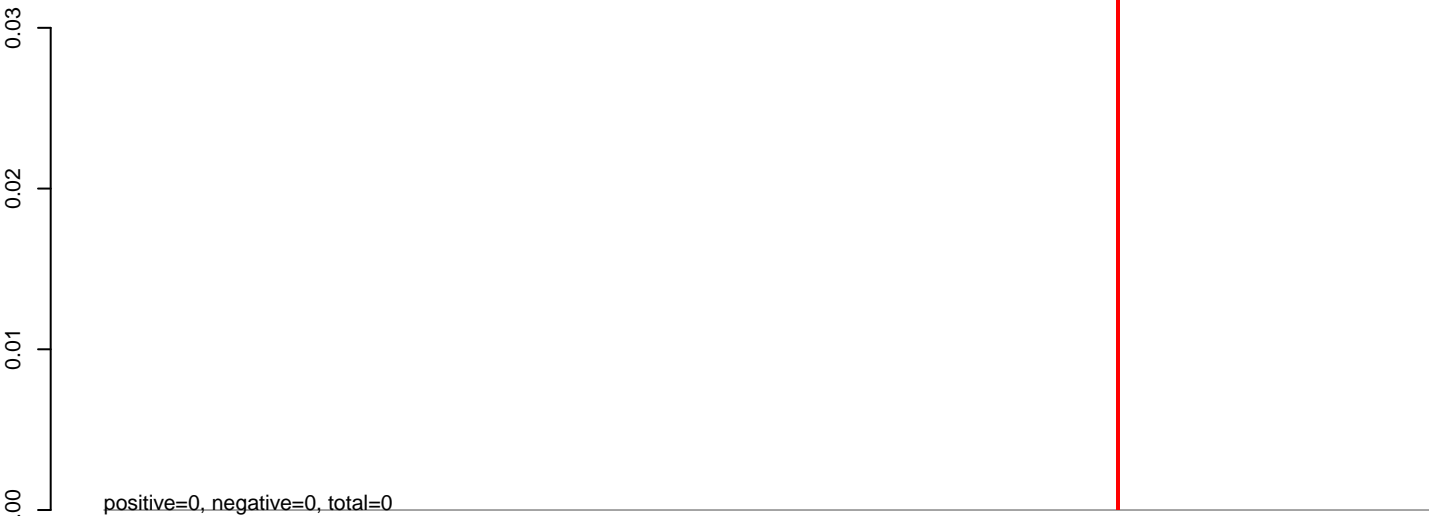


AeAlbo_HeadThor_CHIKV.B2_FHV.rep

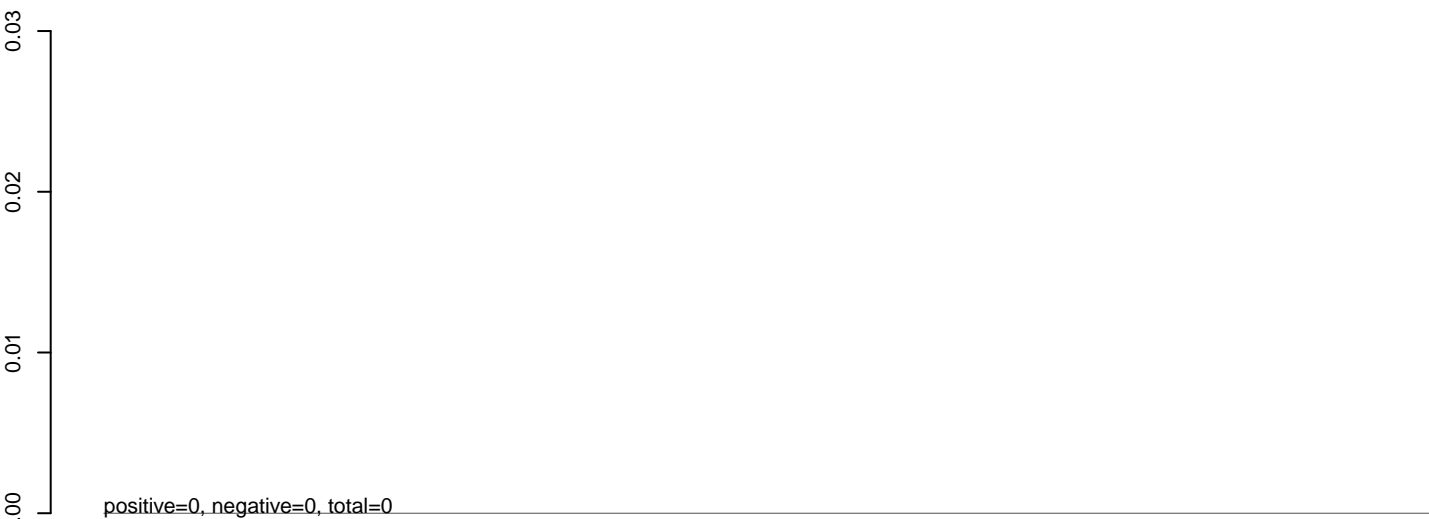


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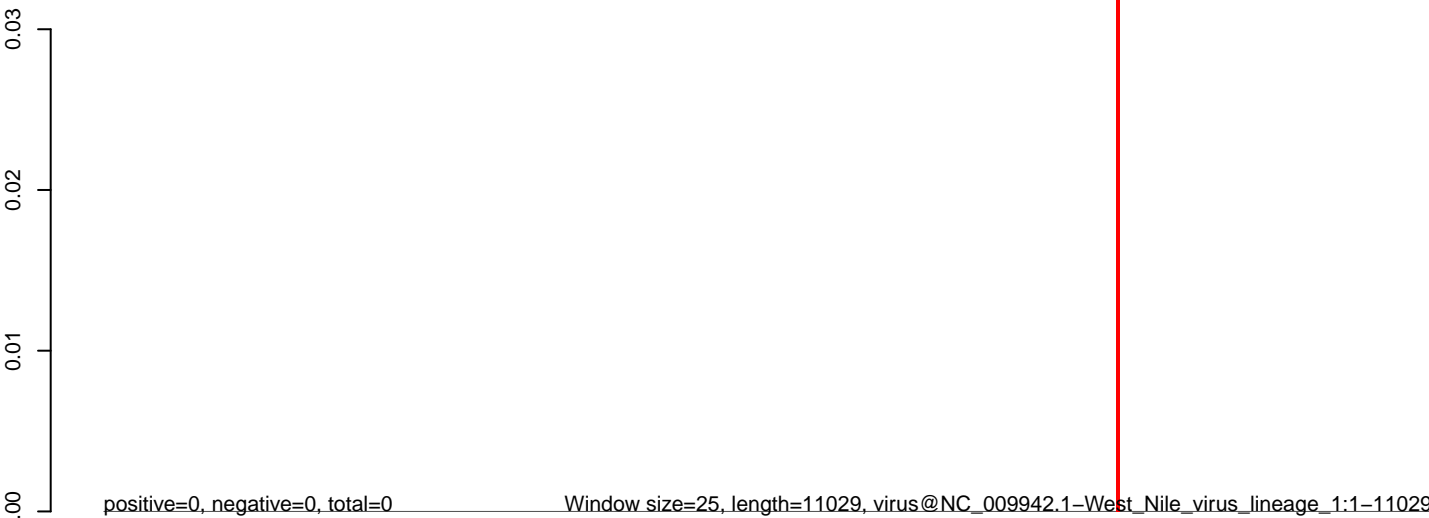
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

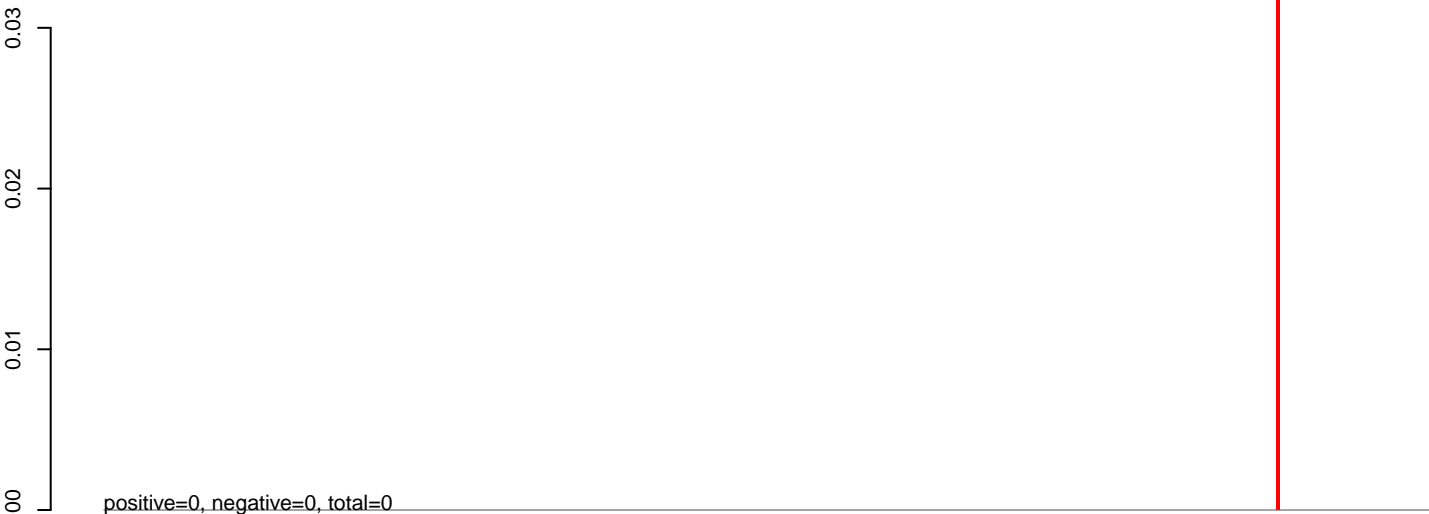


AeAlbo_HeadThor_CHIKV.B2_FHV.rep



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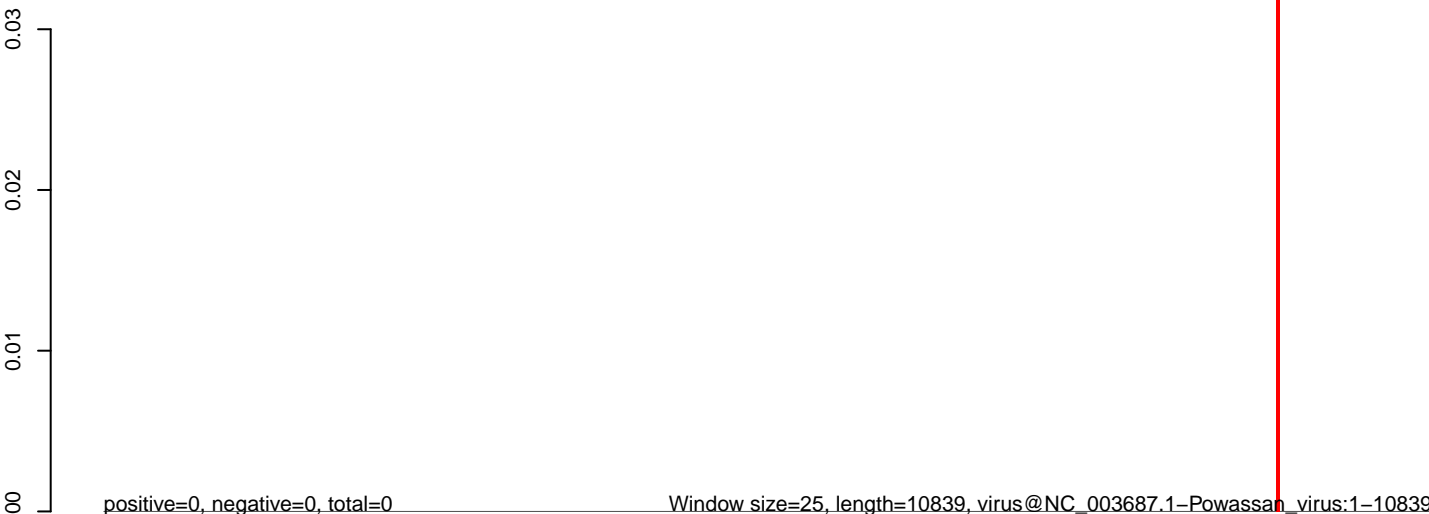
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

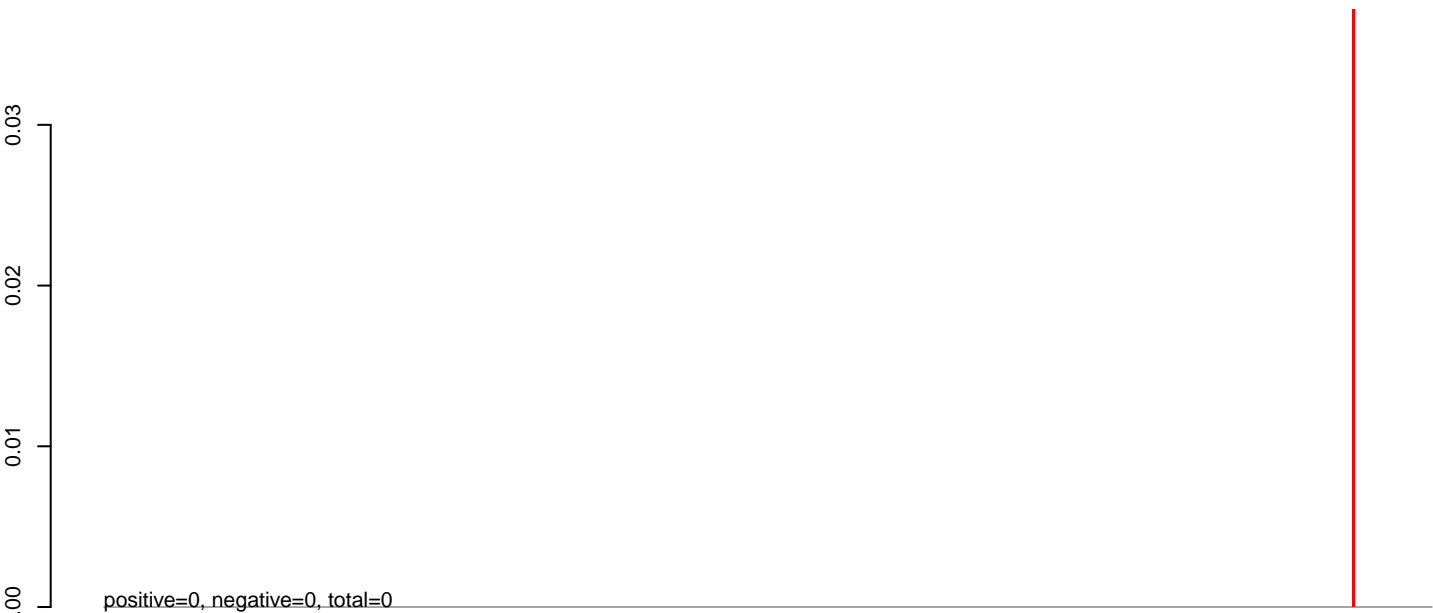


AeAlbo_HeadThor_CHIKV.B2_FHV.rep

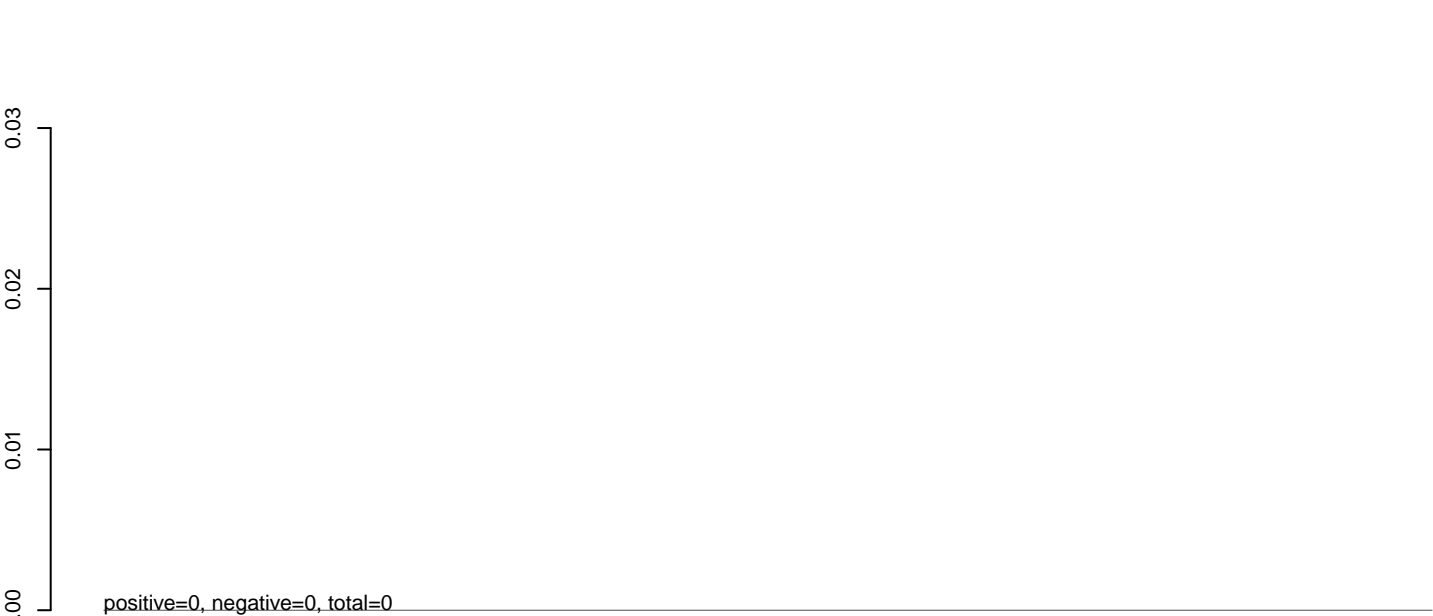


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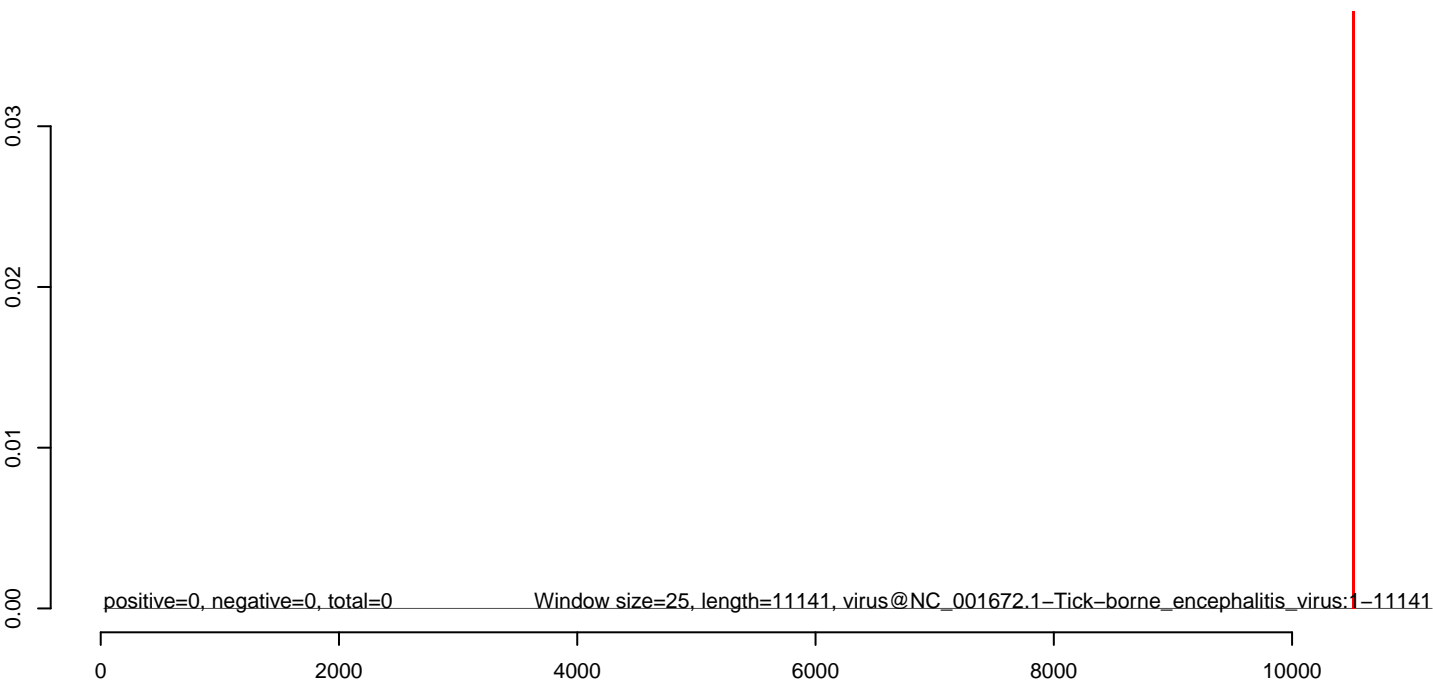
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep

0.00
-0.01
-0.02
-0.03

positive=0, negative=0, total=0

AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

0.00
-0.01
-0.02
-0.03

positive=0, negative=0, total=0

AeAlbo_HeadThor_CHIKV.B2_FHV.rep

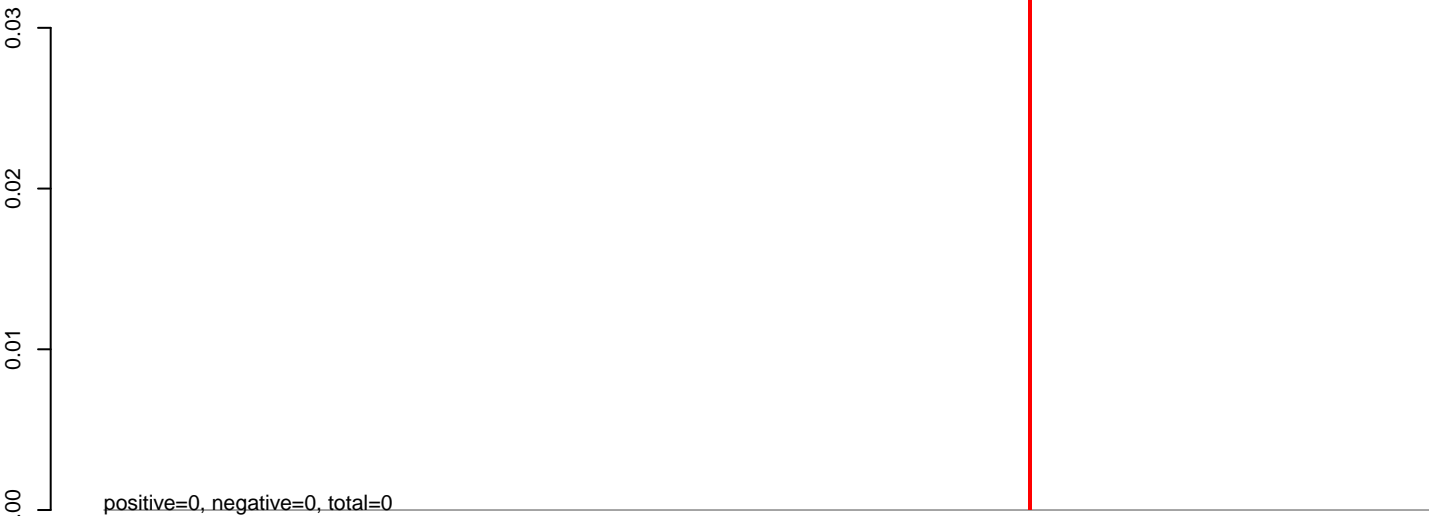
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positive=0, negative=0, total=0

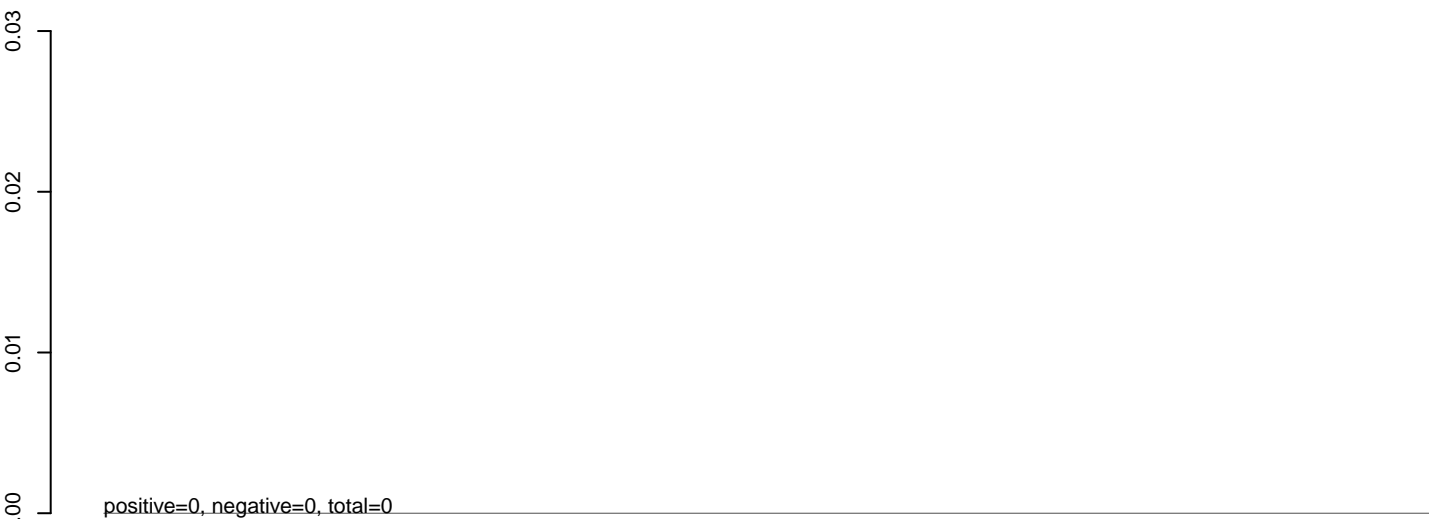
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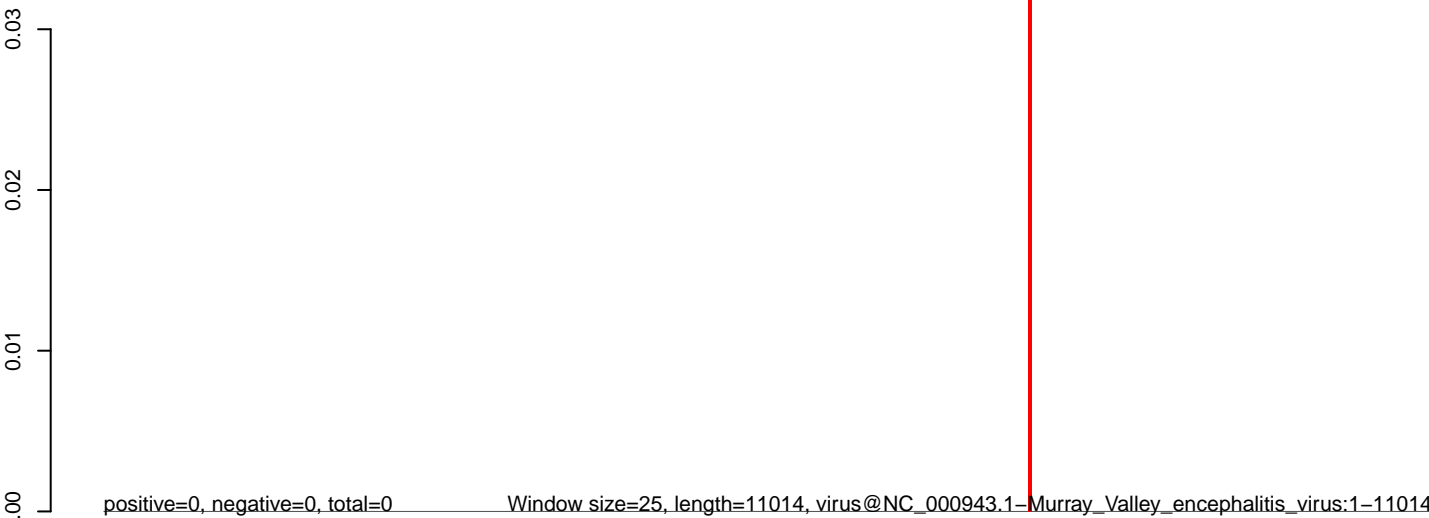
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep

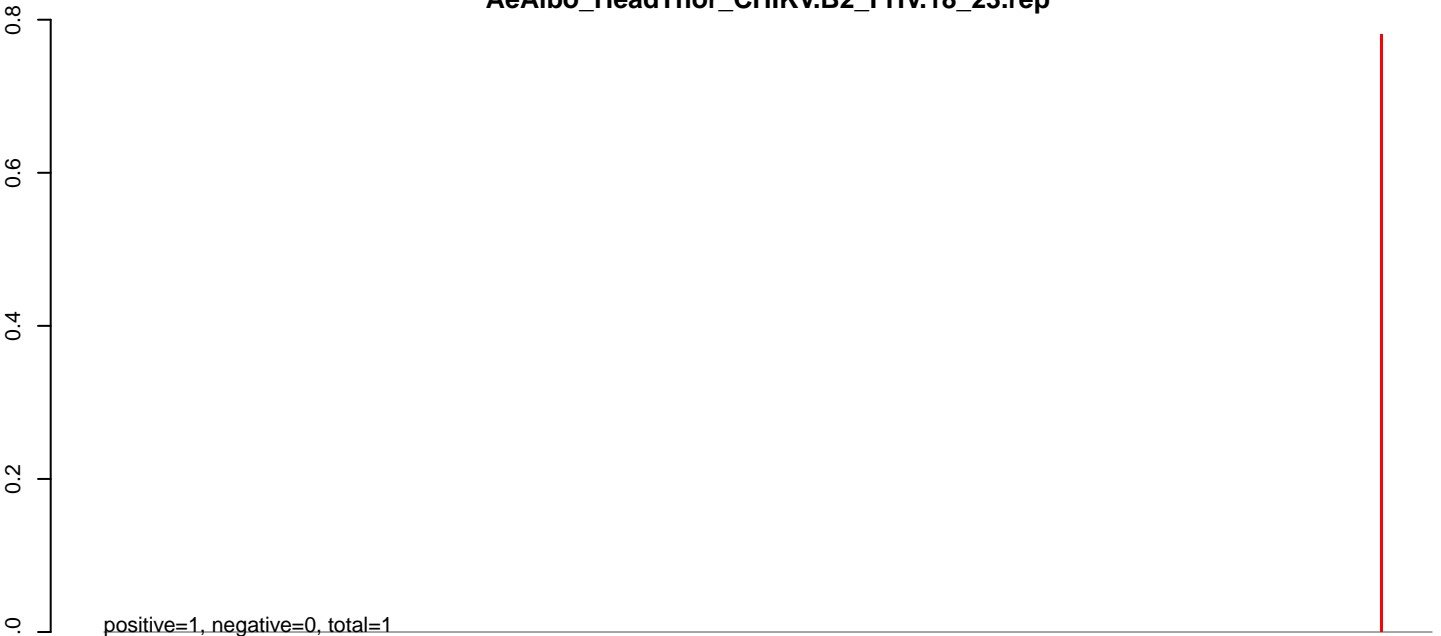


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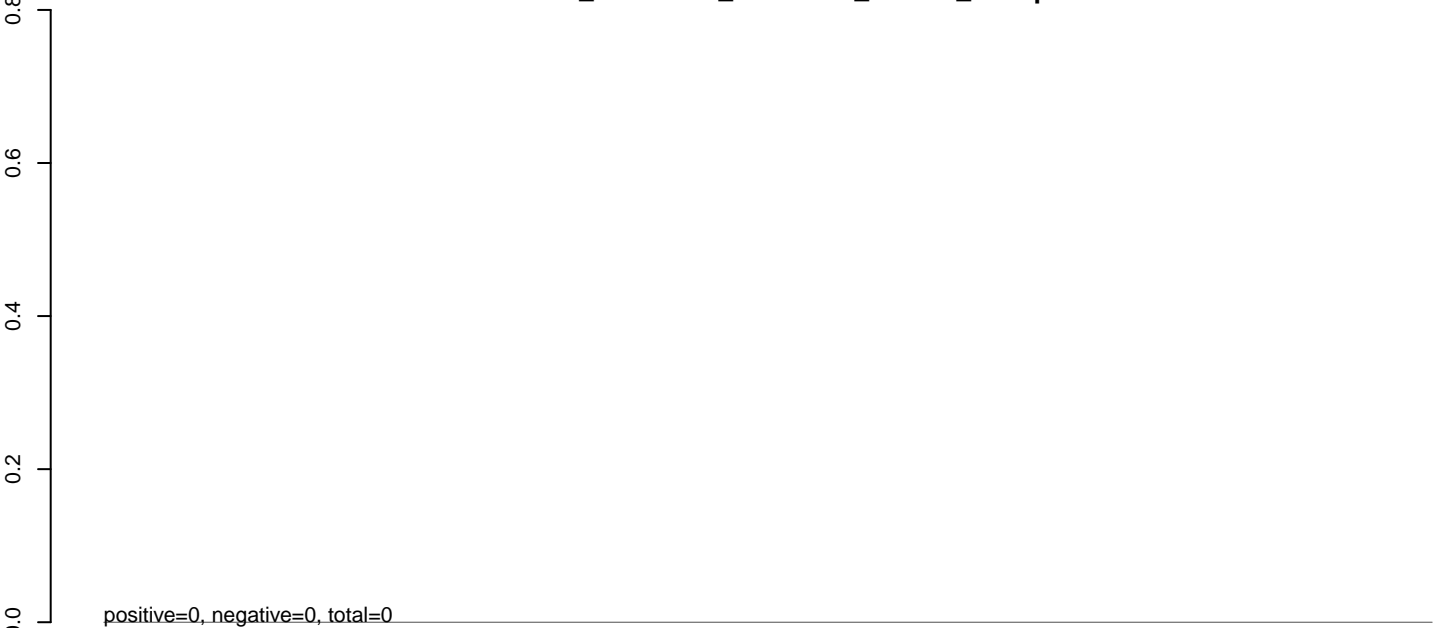


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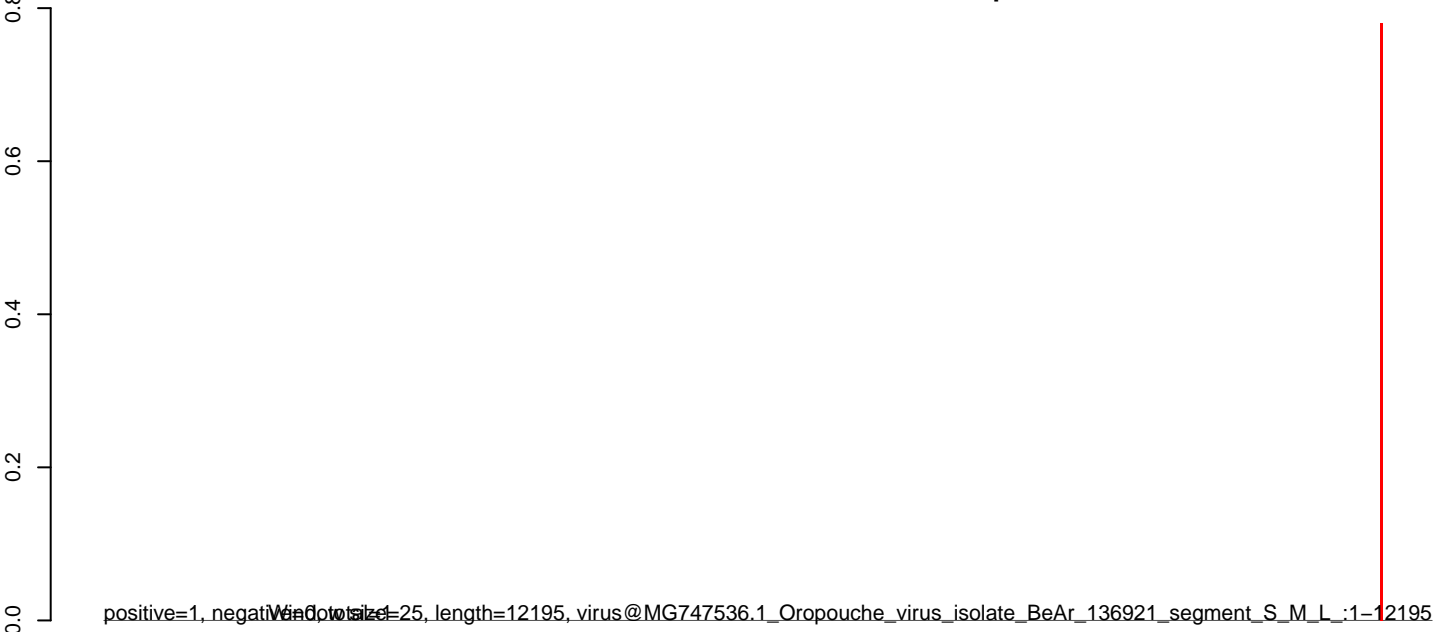
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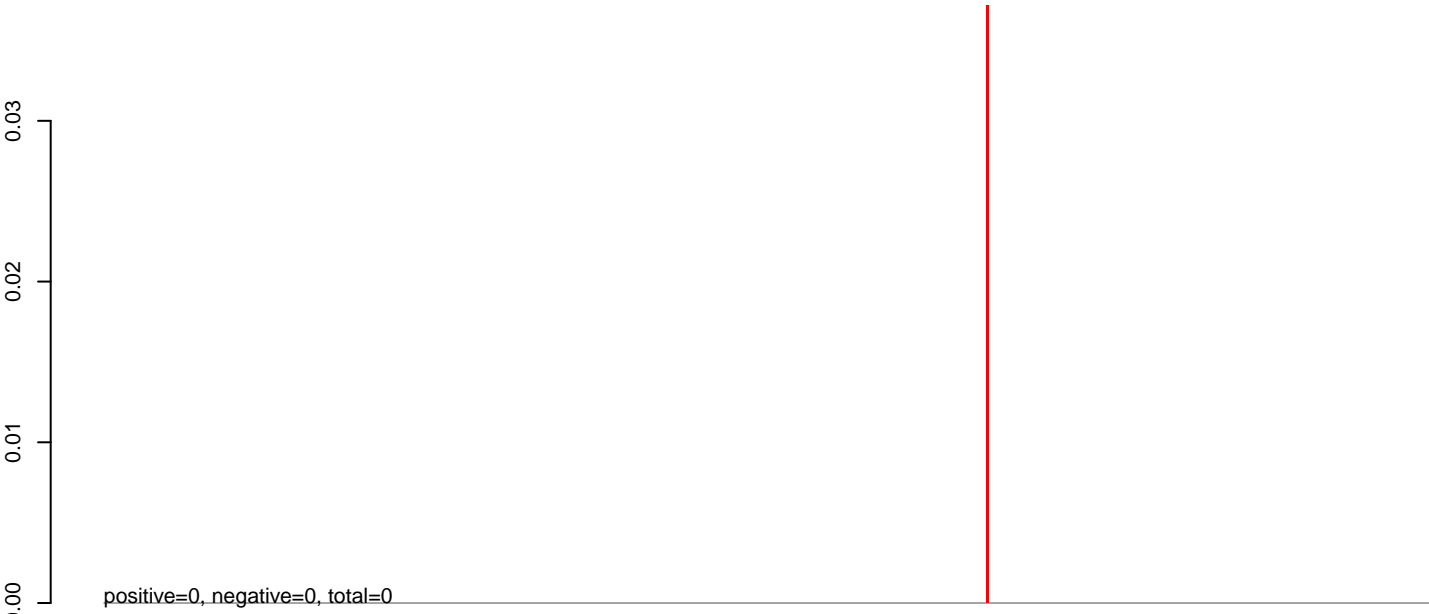
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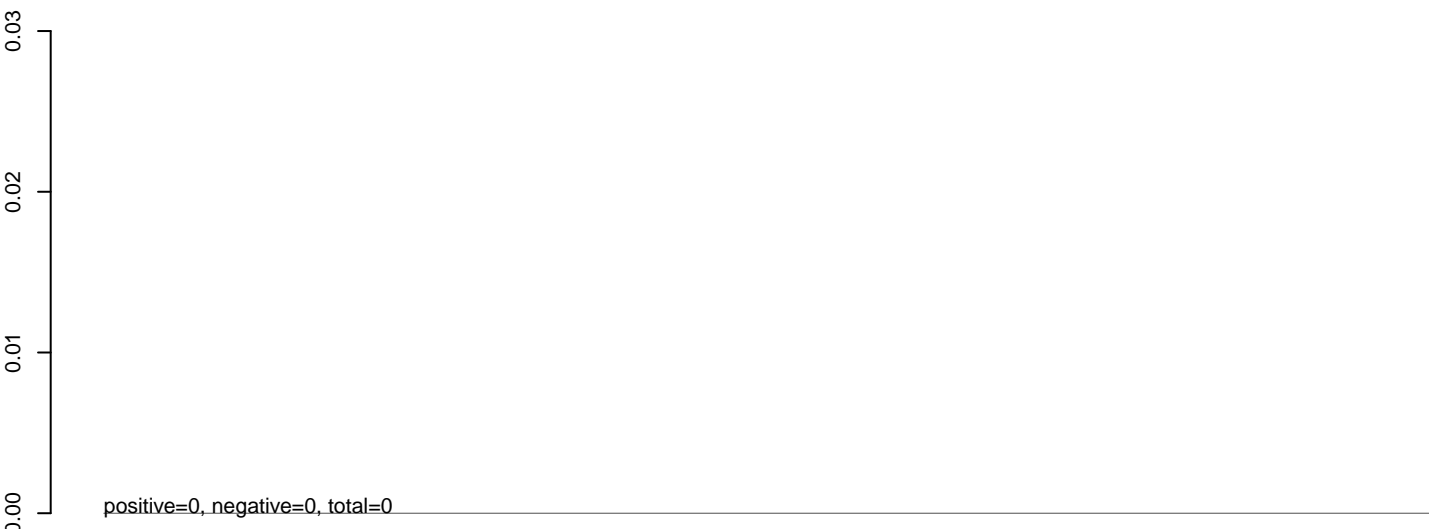
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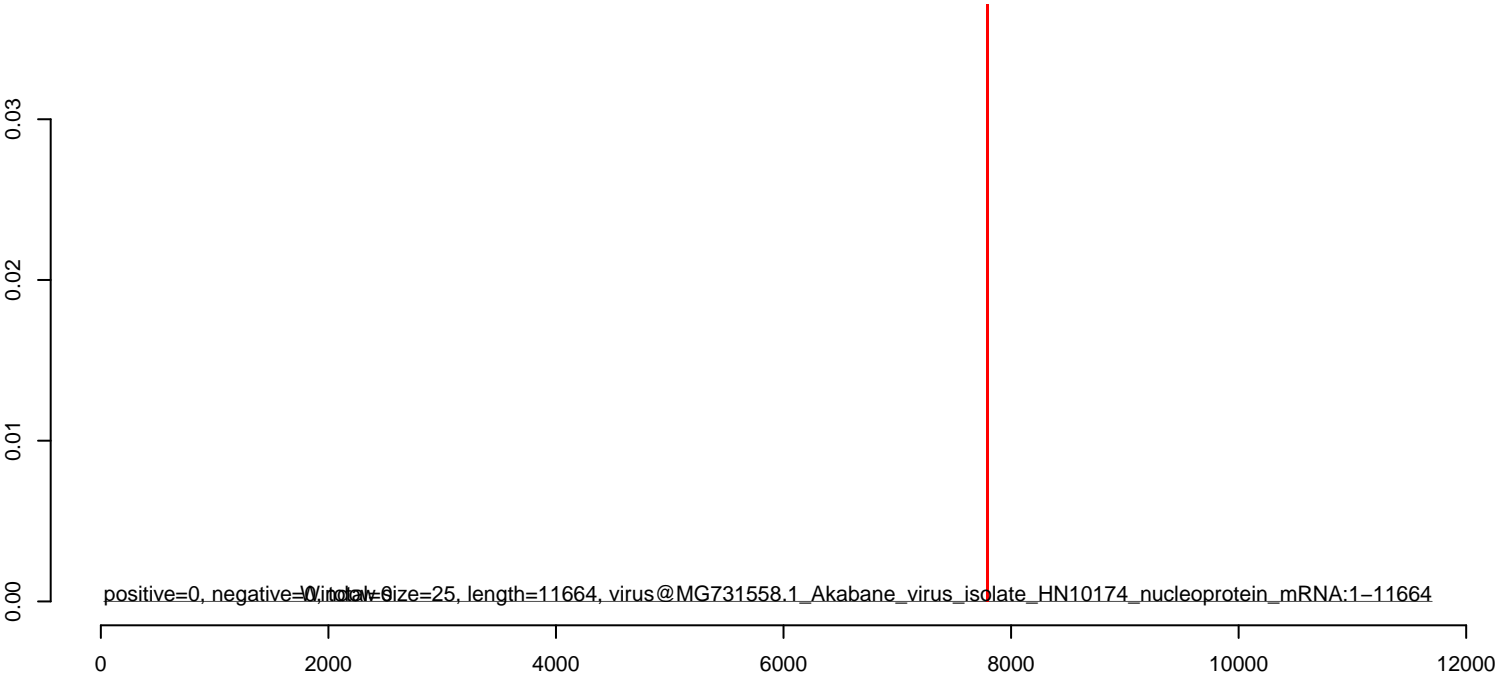
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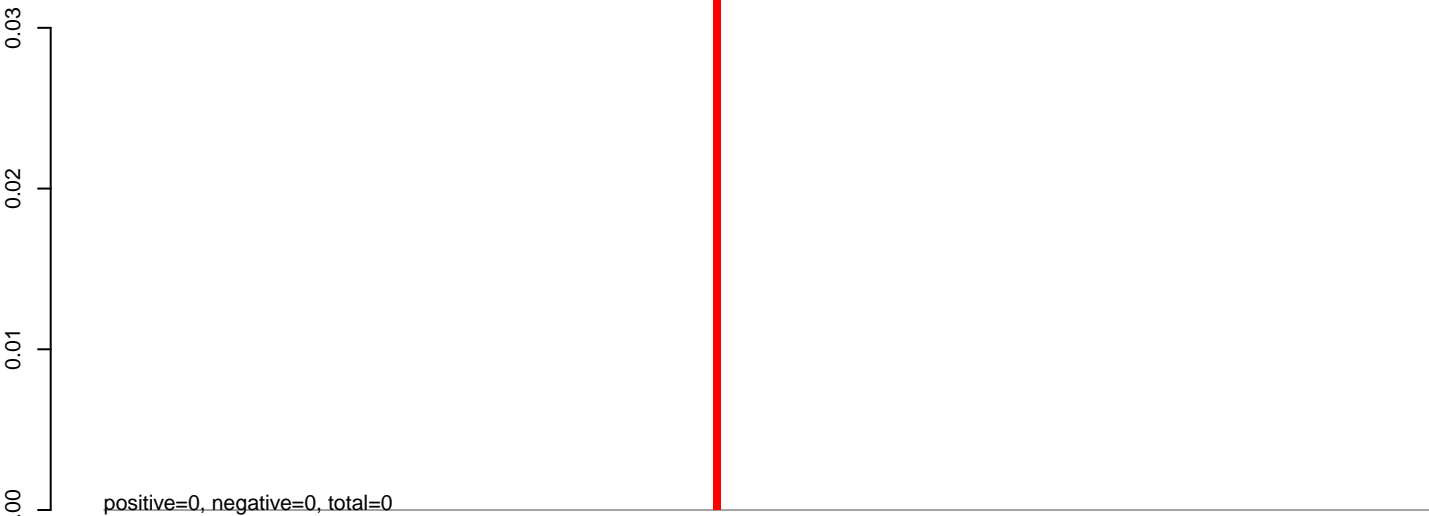
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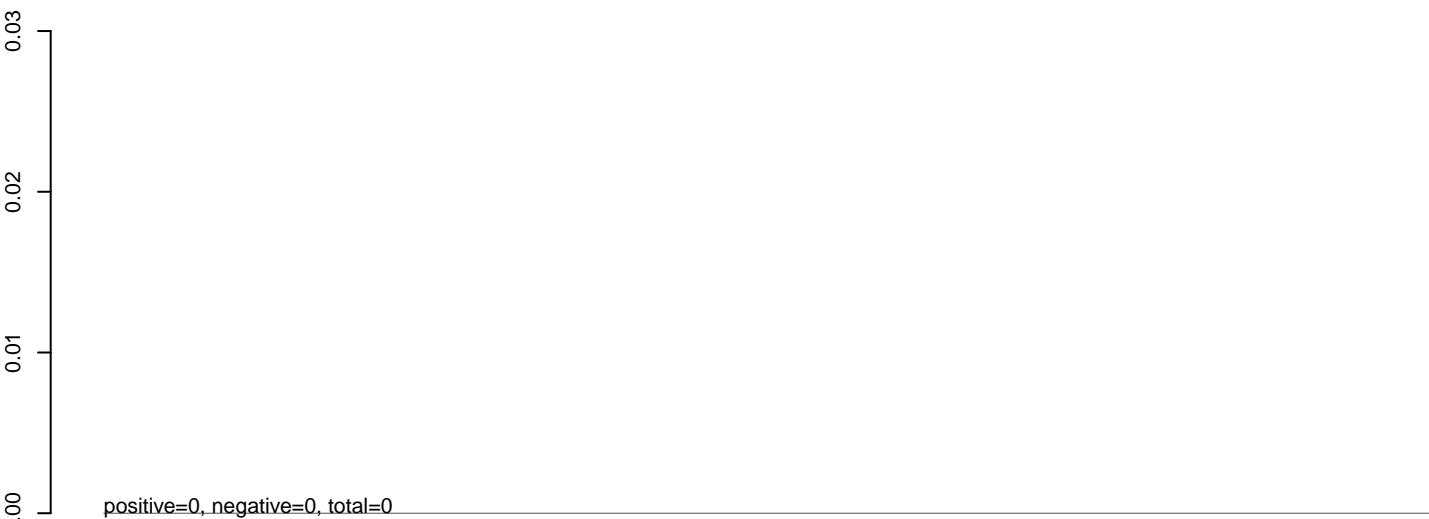
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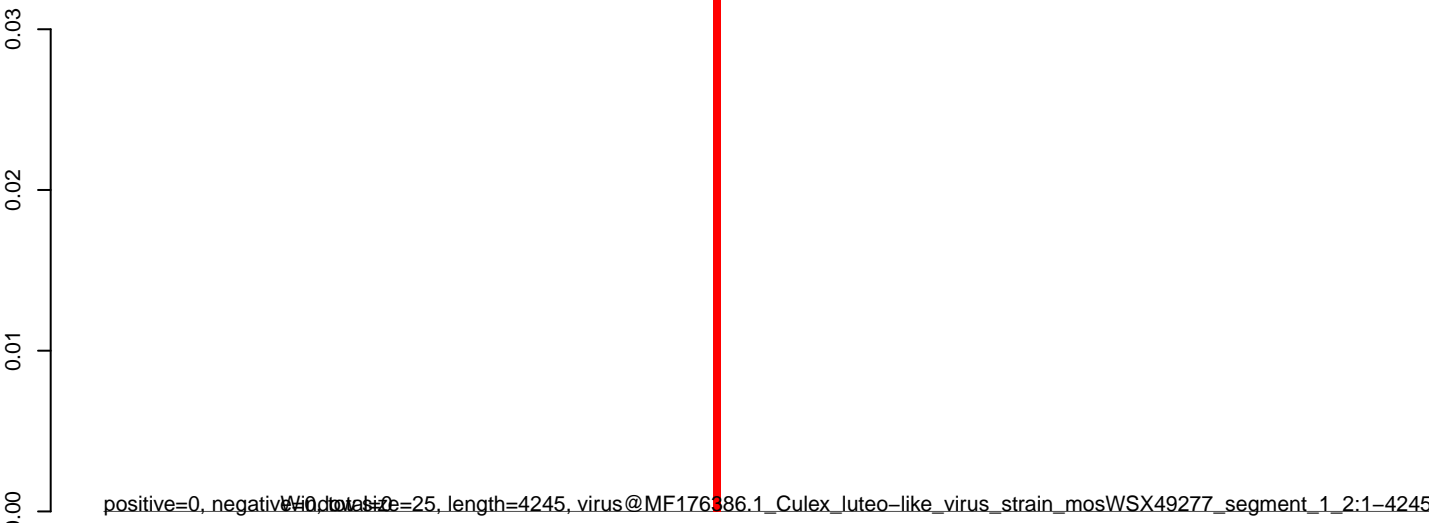
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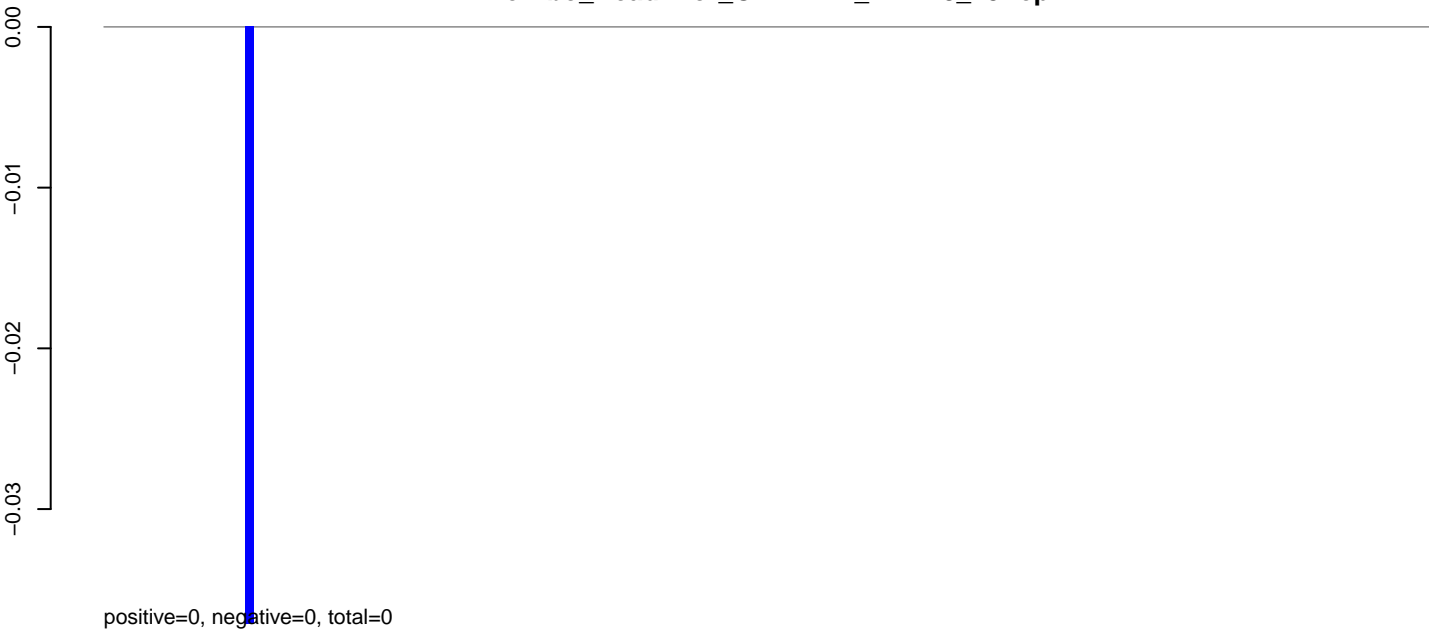
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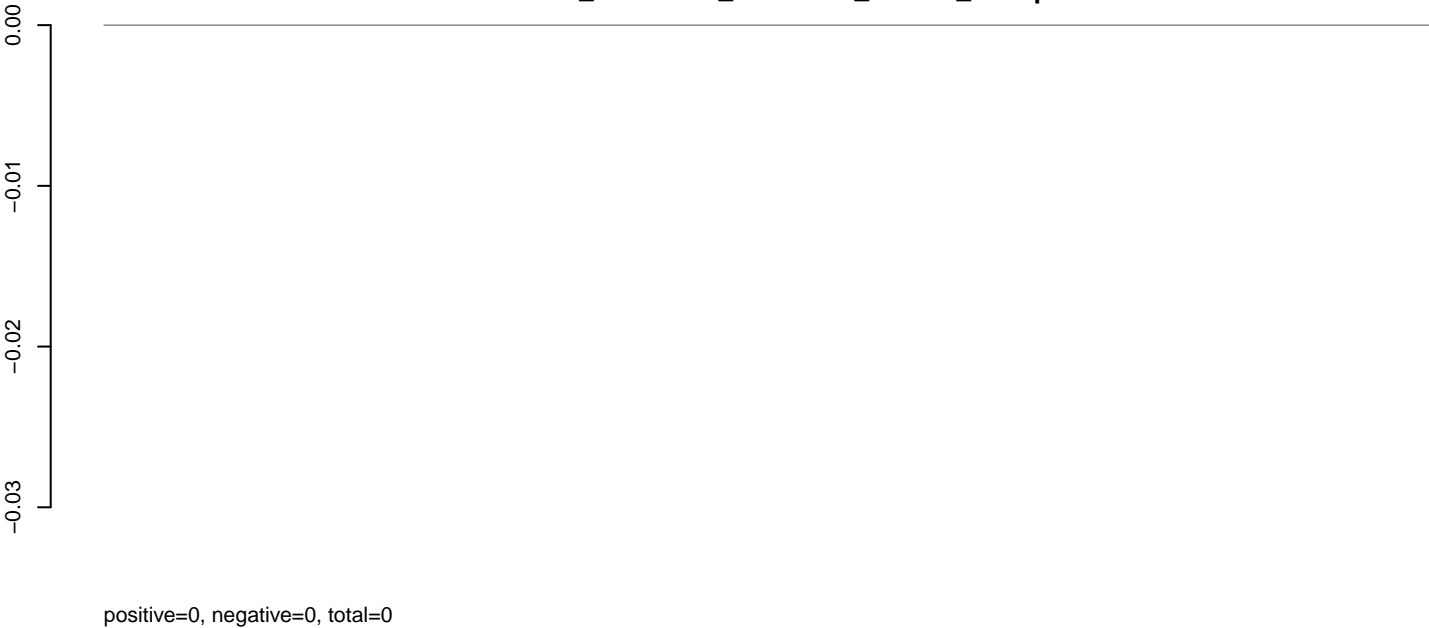
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AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



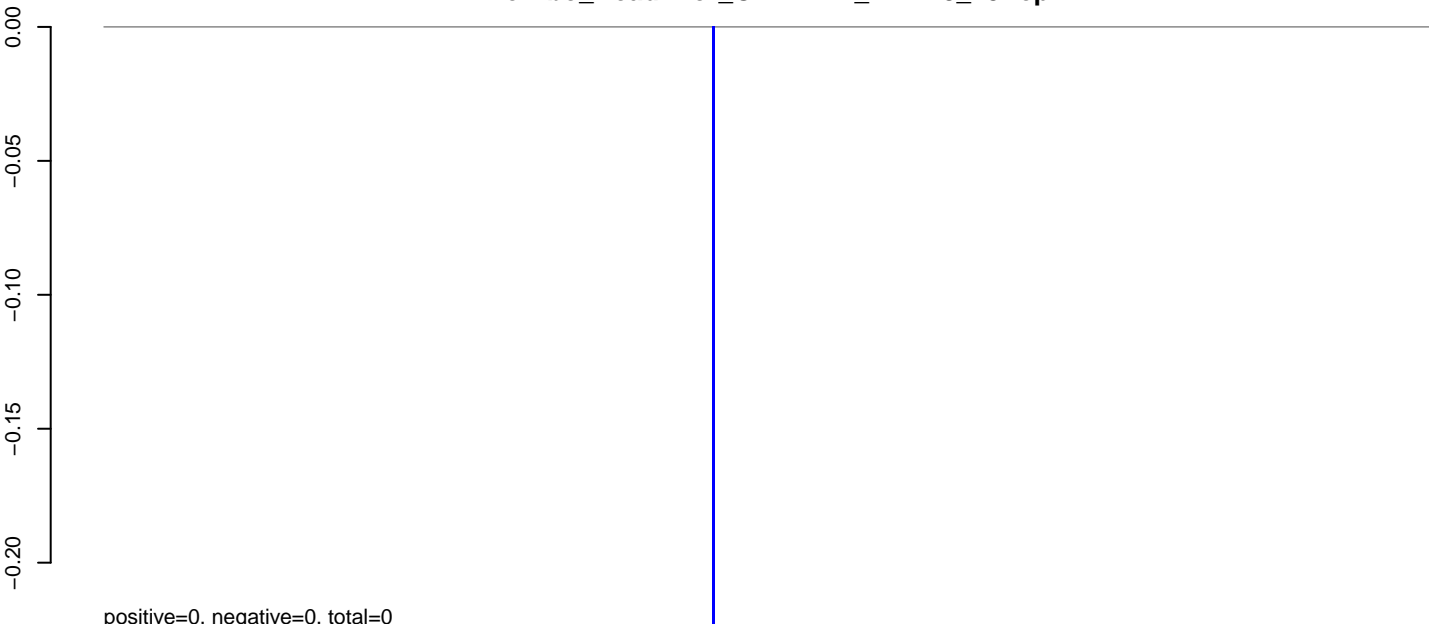
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AeAlbo_HeadThor_CHIKV.B2_FHV.rep

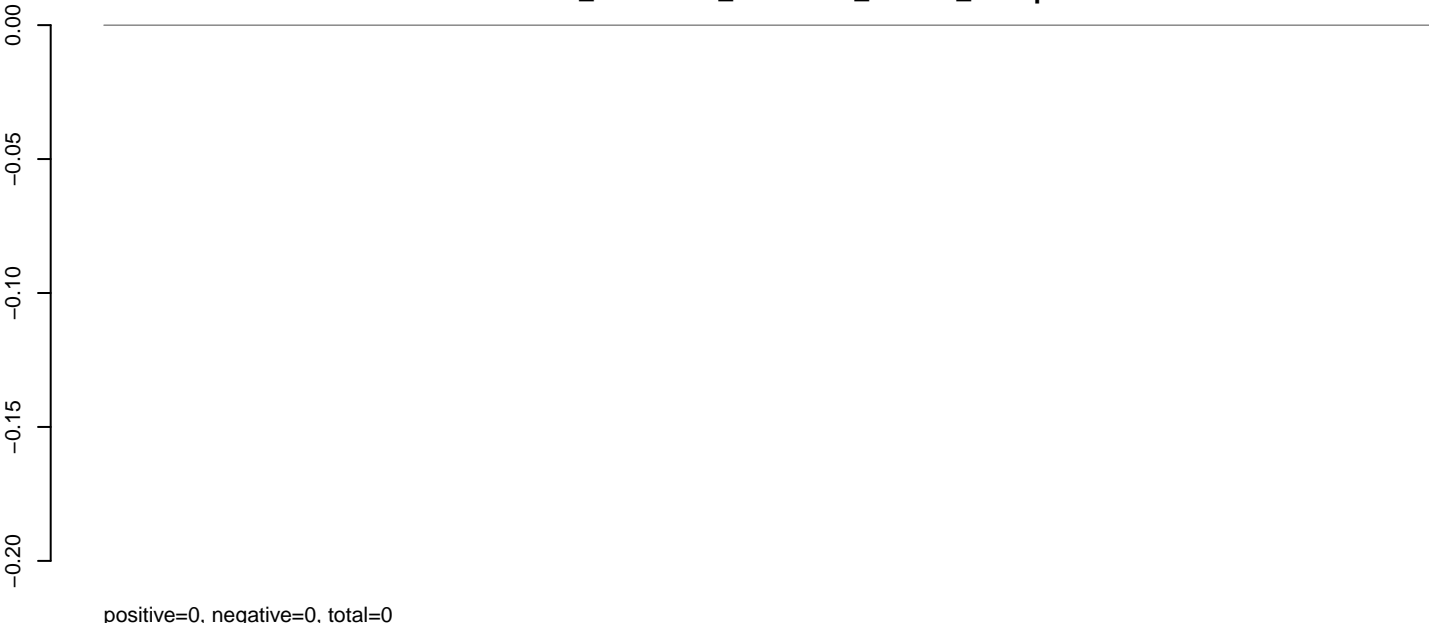


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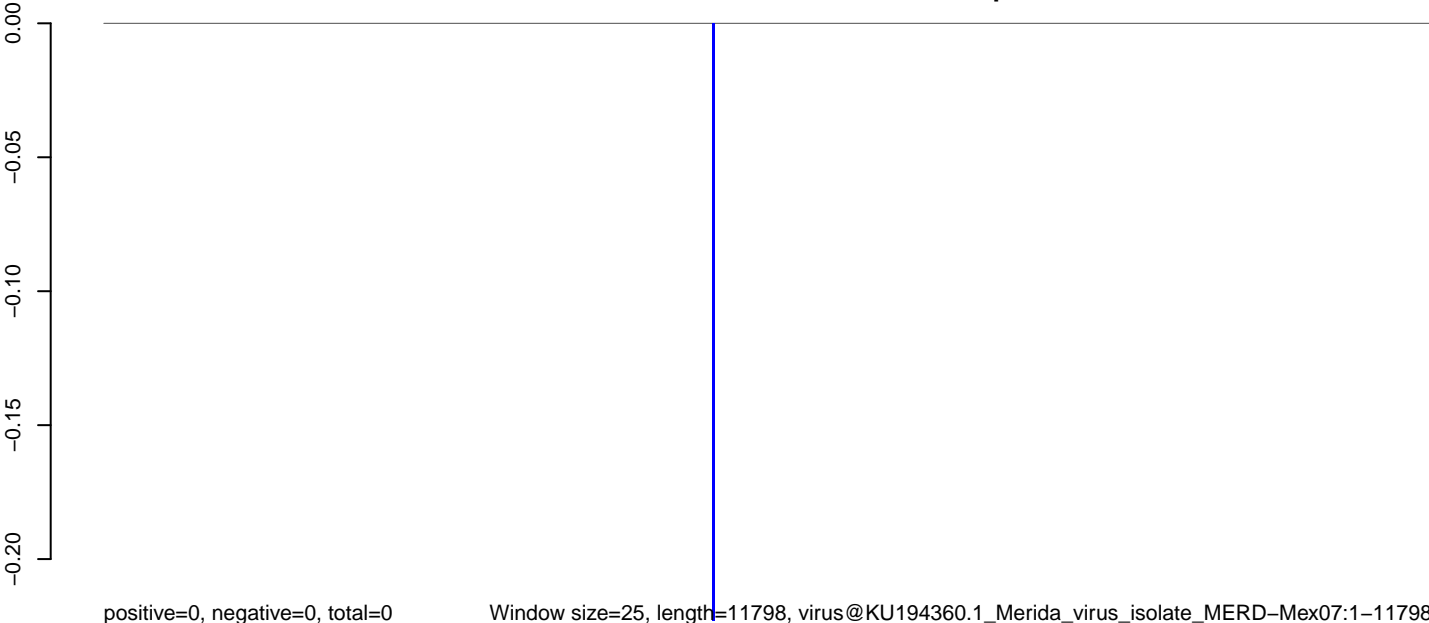
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



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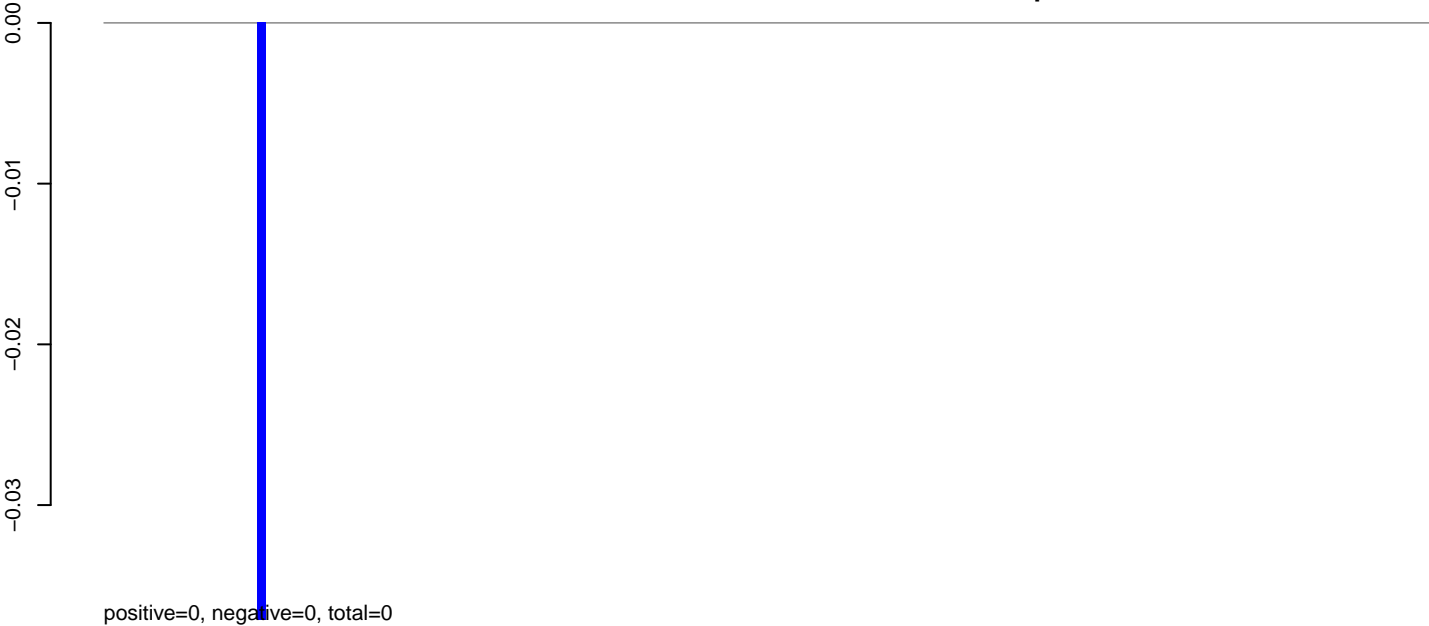
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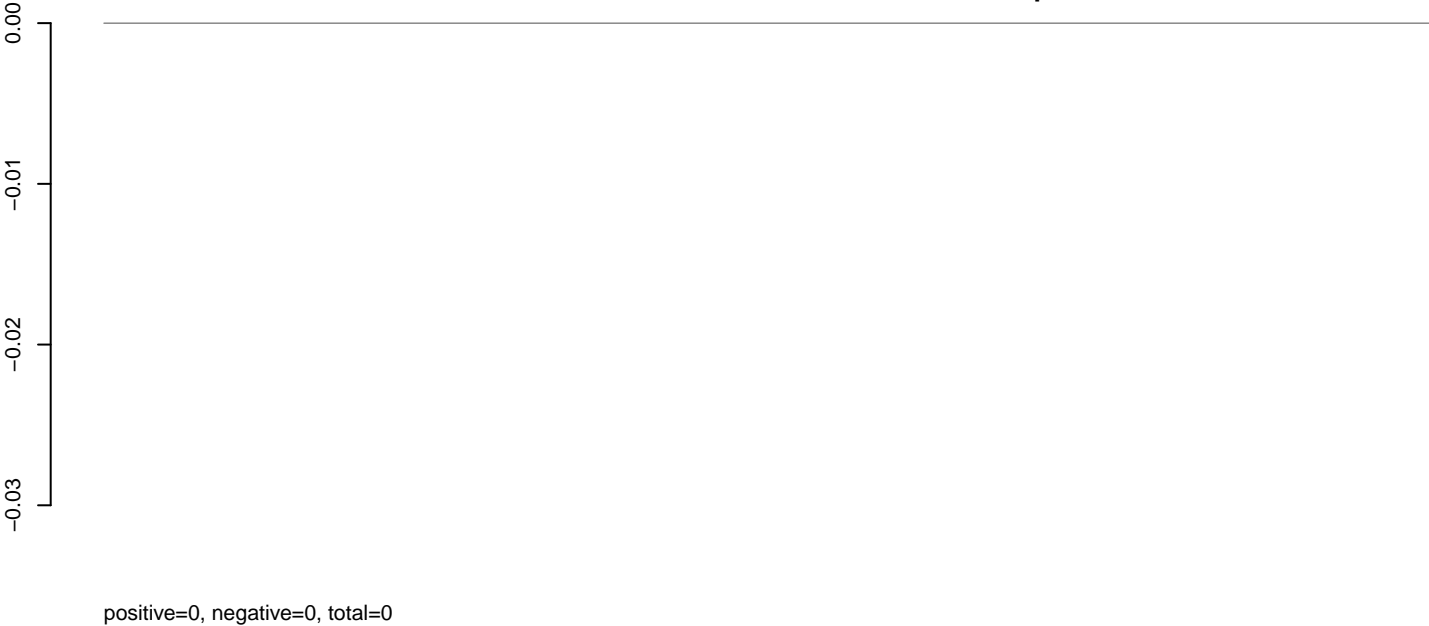
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AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



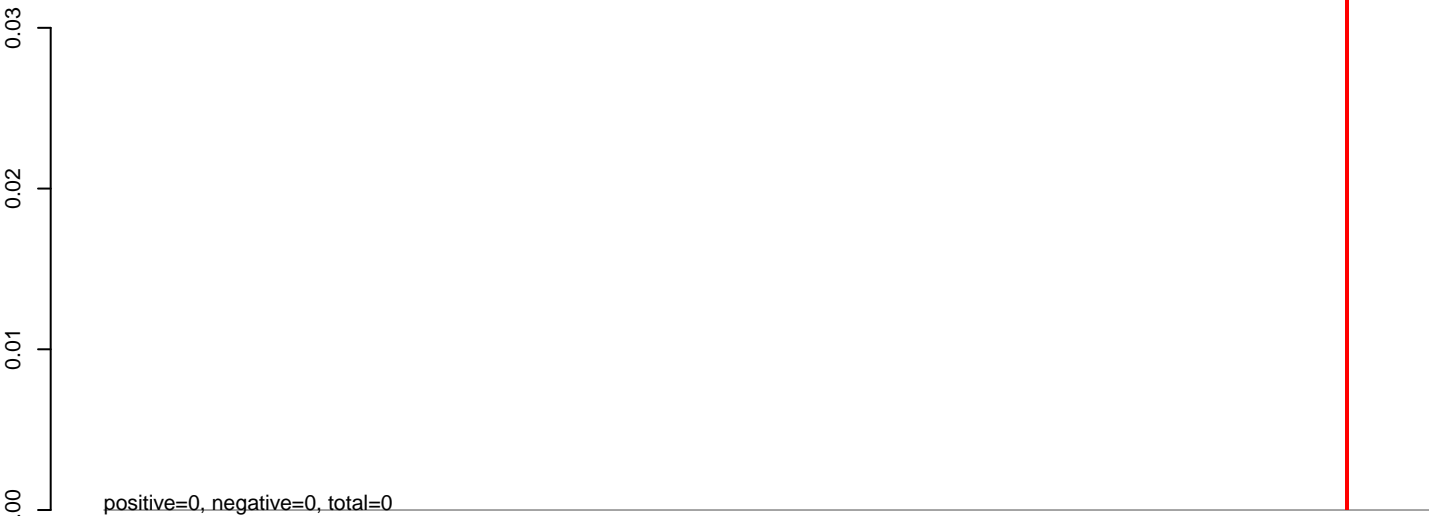
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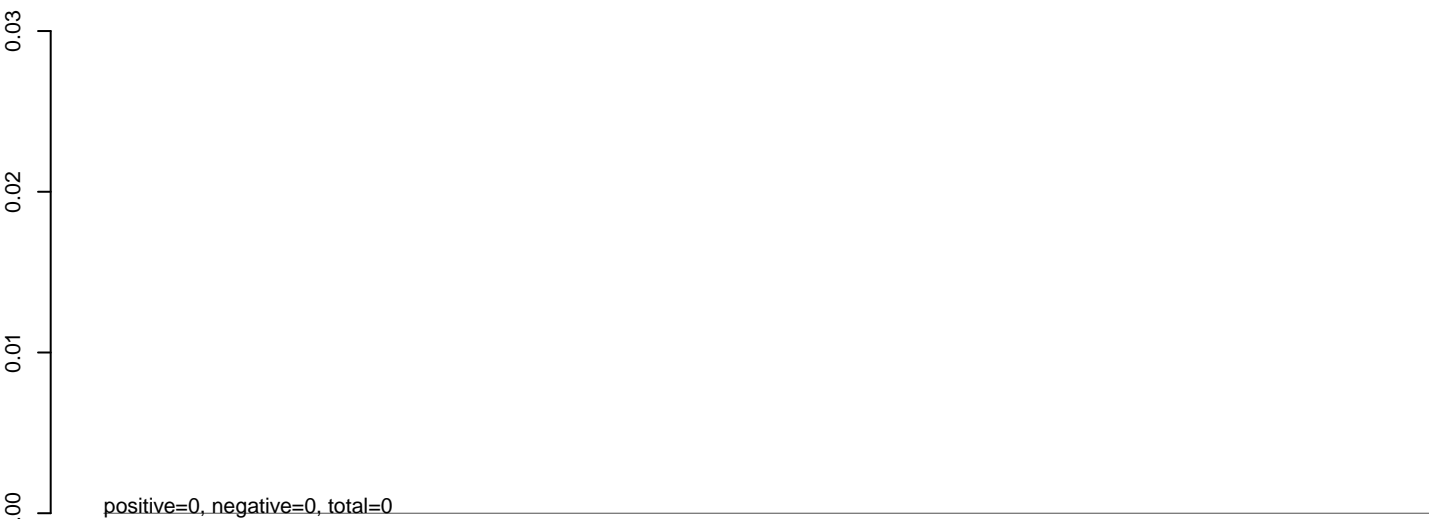
AeAlbo_HeadThor_CHIKV.B2_FHV.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



Window size=25, length=10254, virus@DQ235149.1-Royal_Farm_virus_from_Afghanistan_polyprotein_gene1-10254

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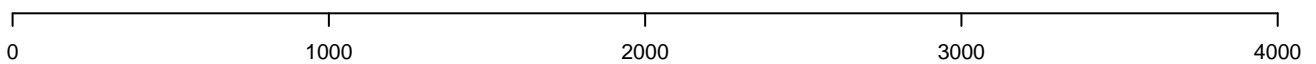
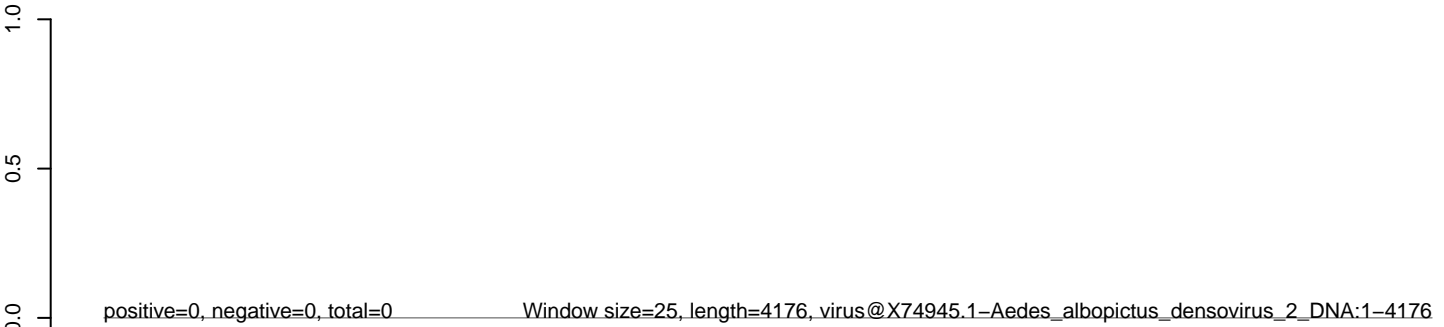
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep

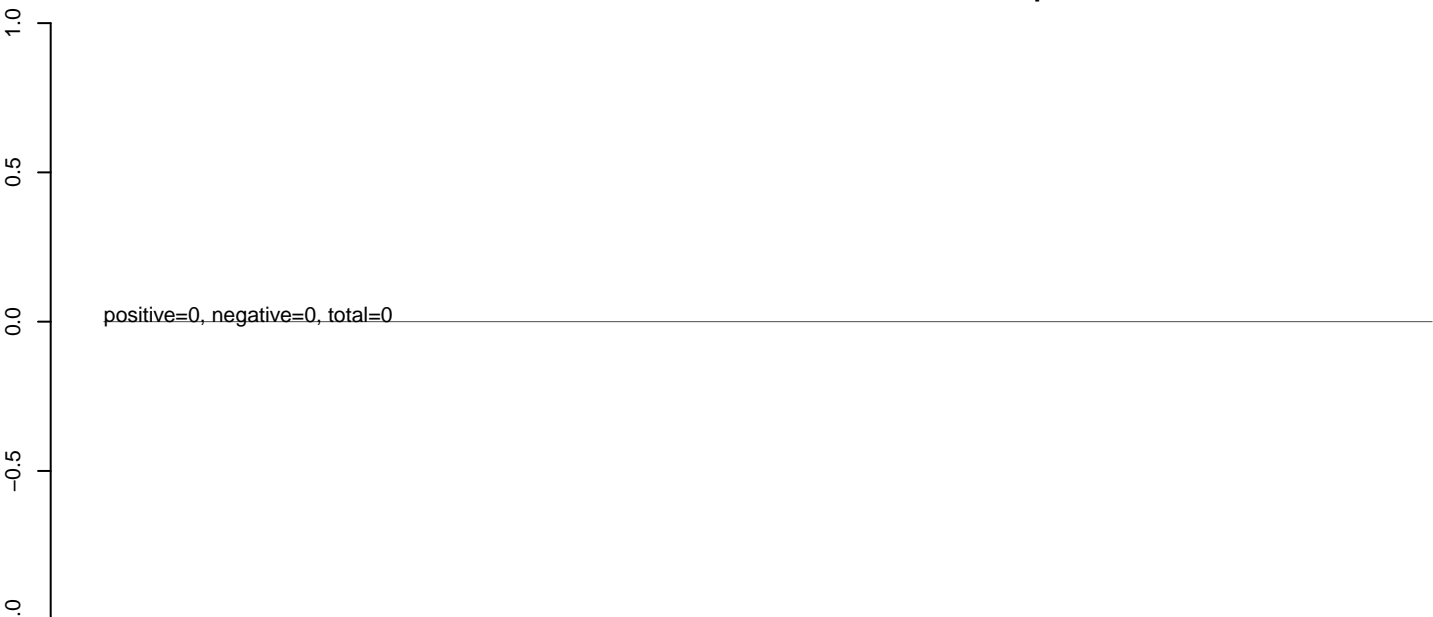


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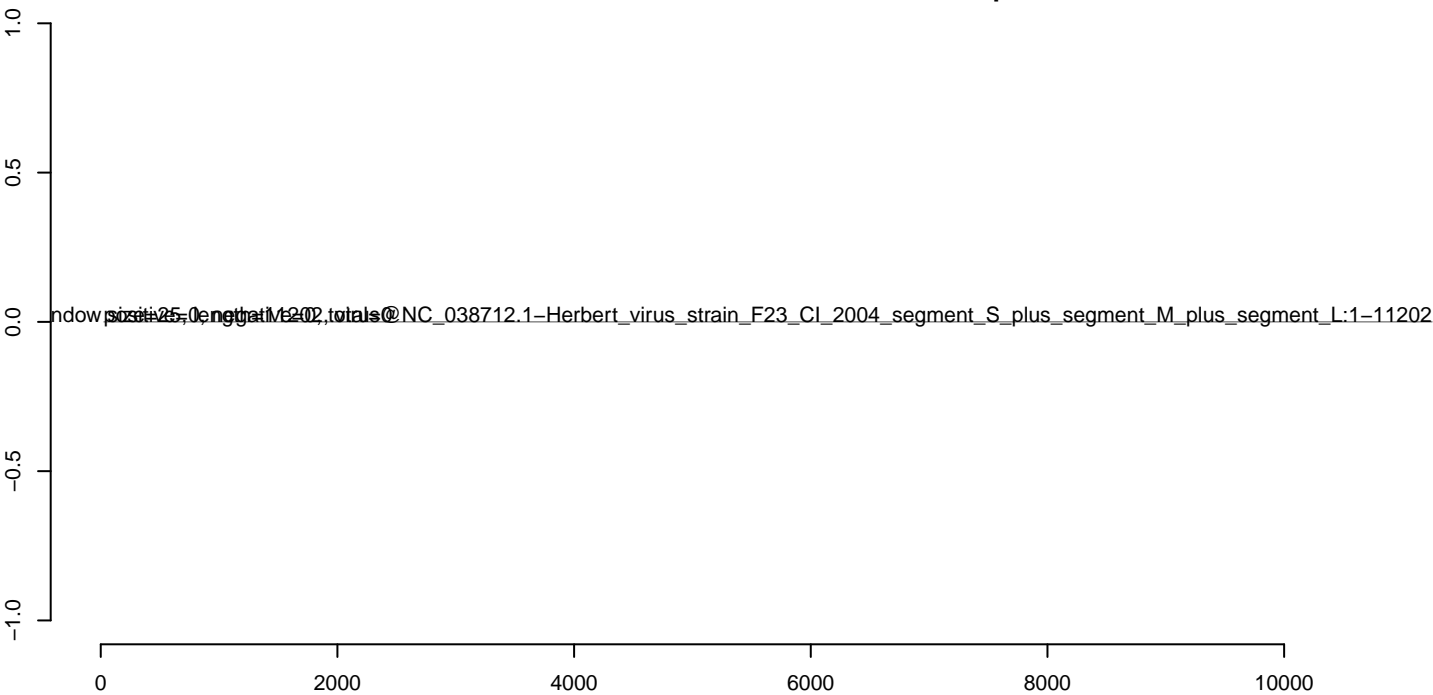
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



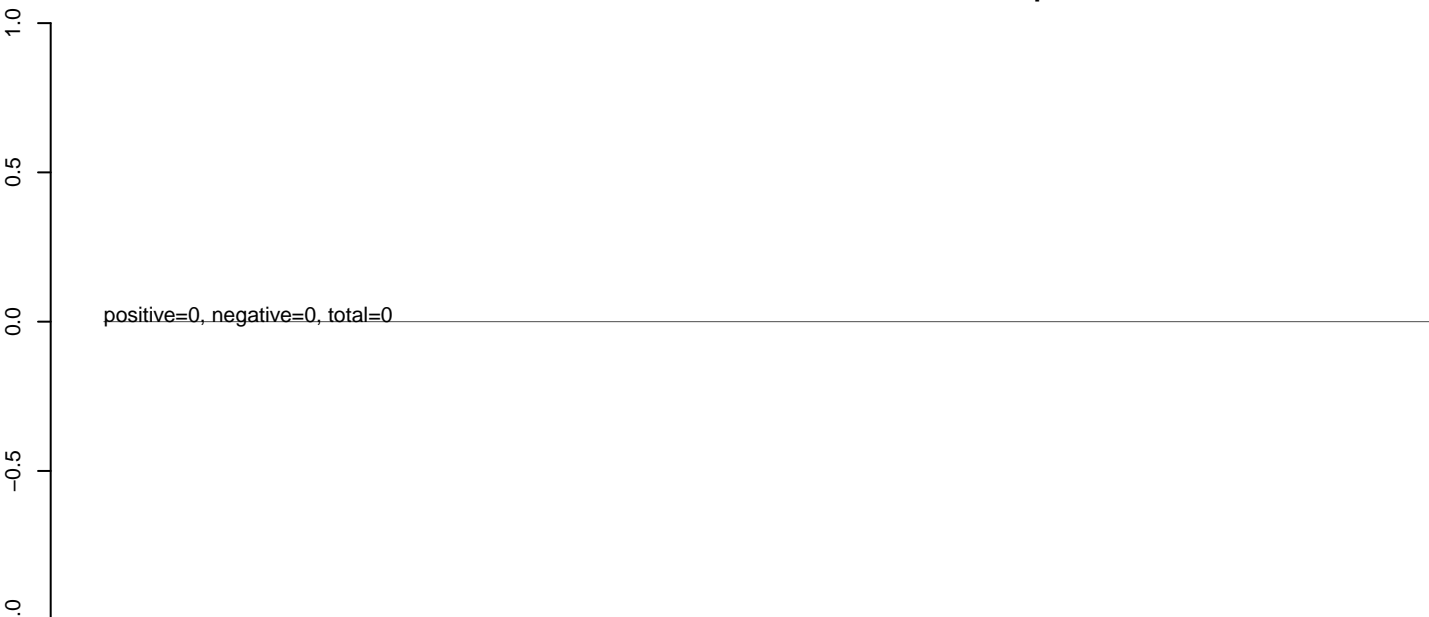
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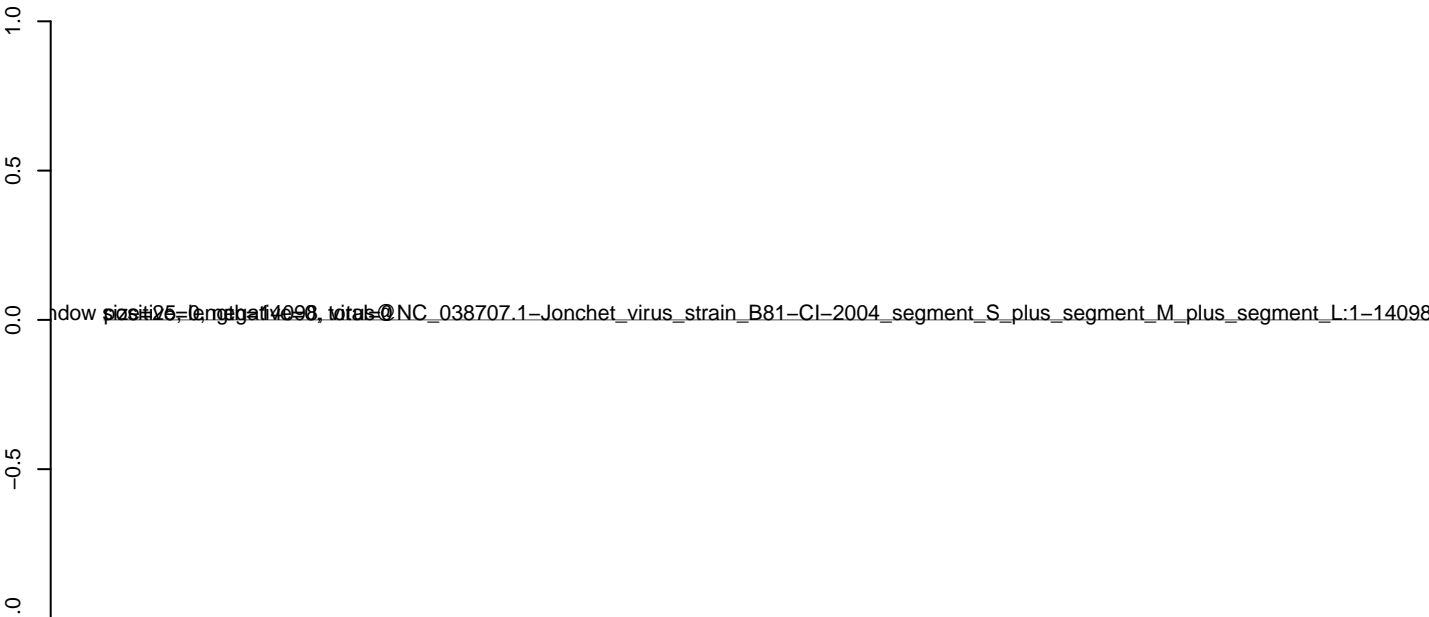
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AeAlbo_HeadThor_CHIKV.B2_FHV.rep



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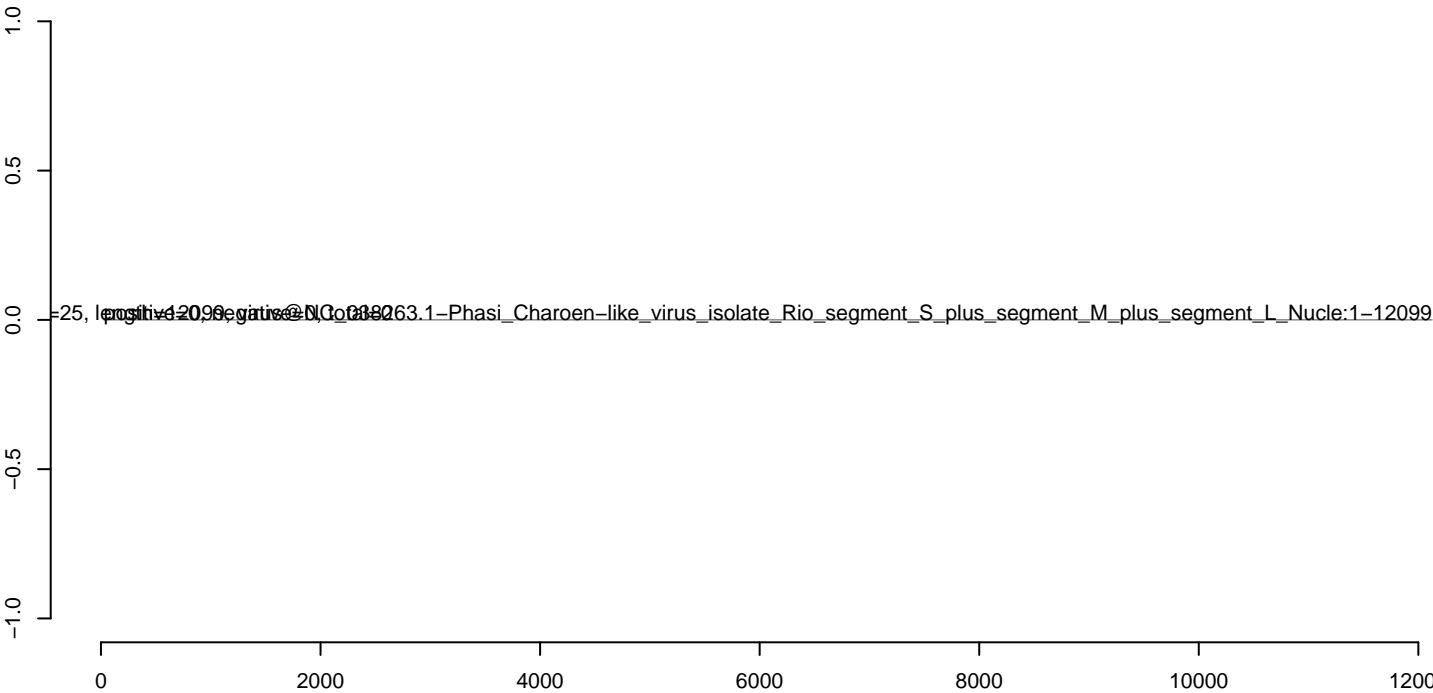
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.18_23.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



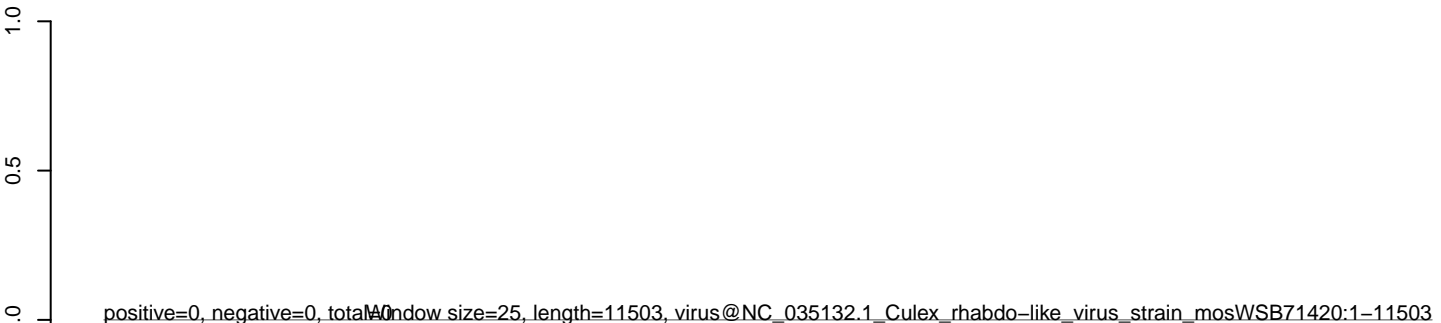
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



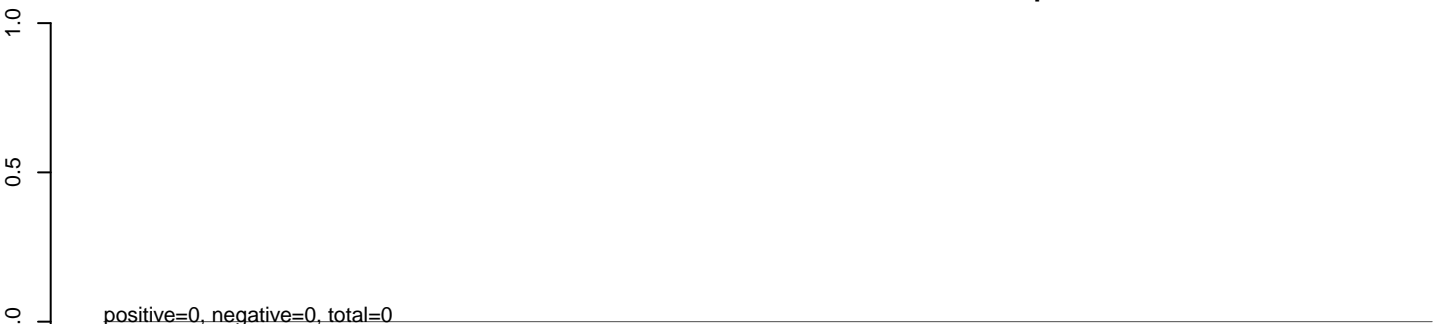
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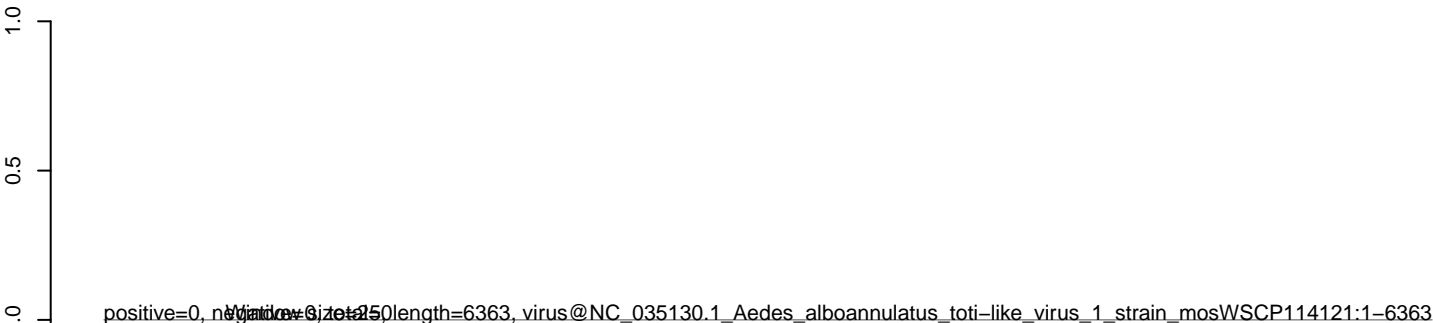
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



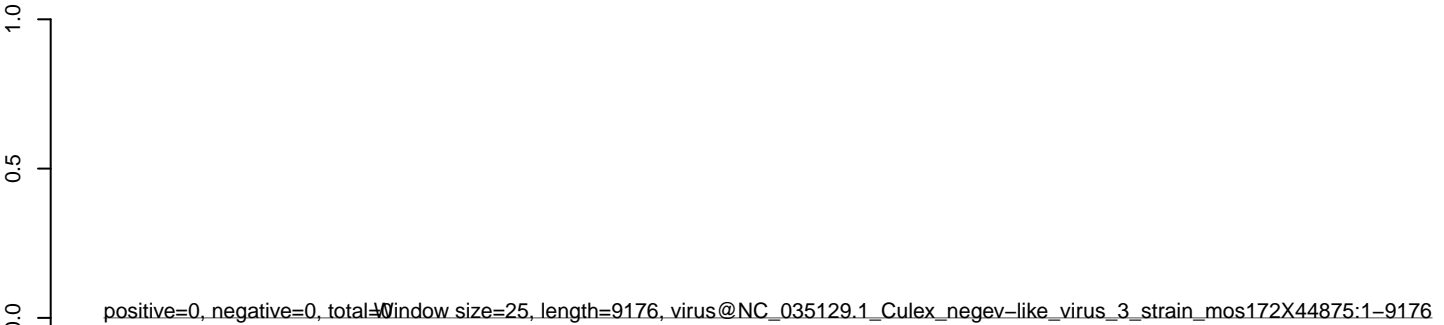
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



0 2000 4000 6000 8000

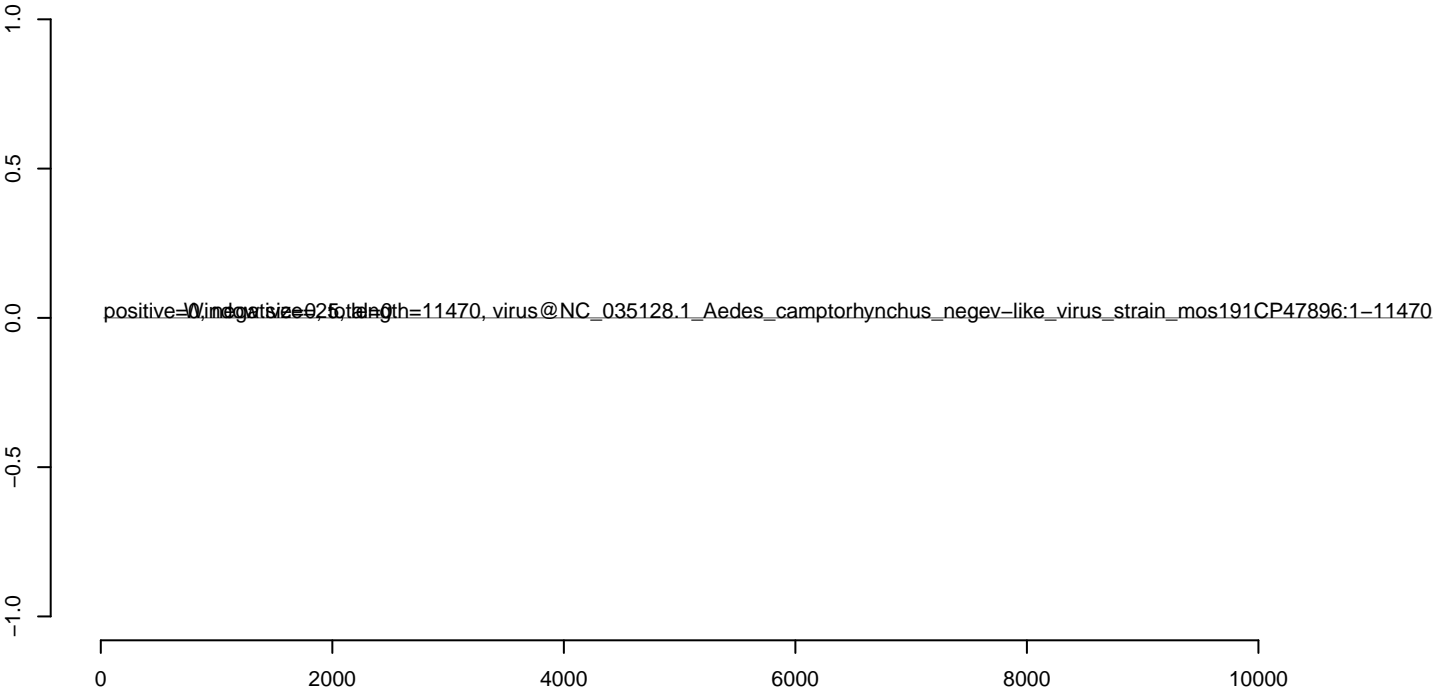
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



AeAlbo_HeadThor_CHIKV.B2_FHV.rep



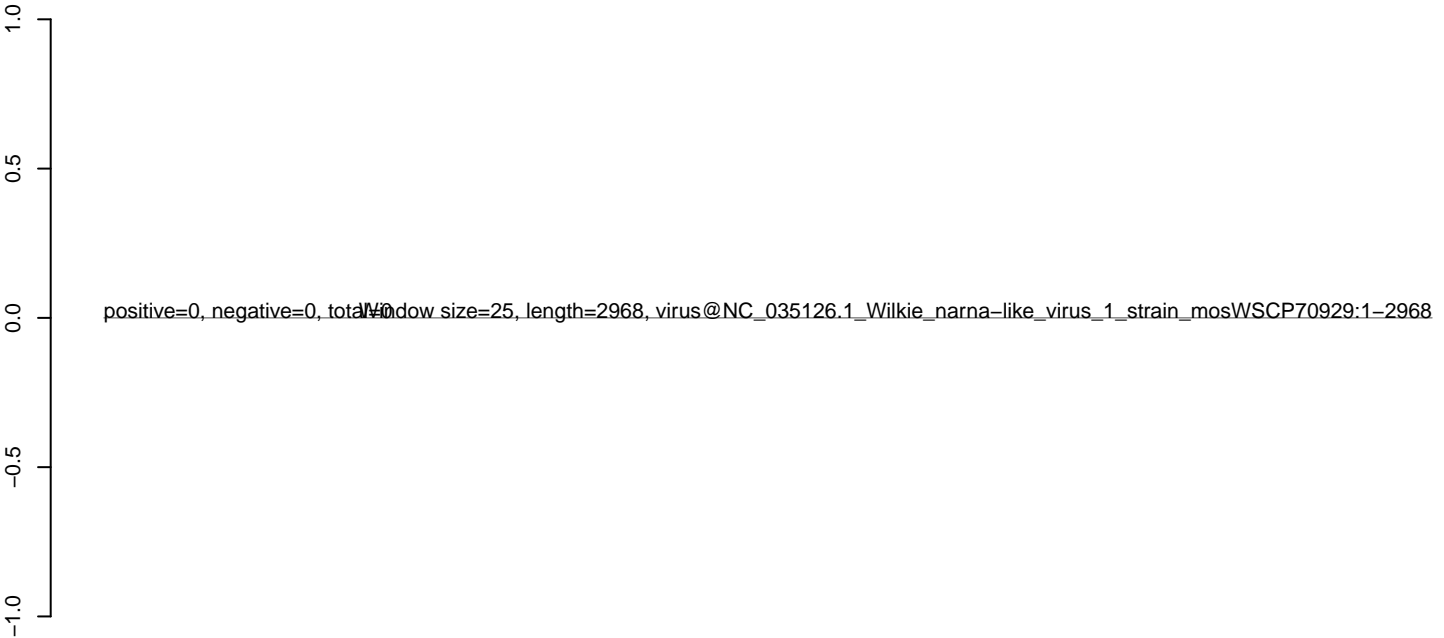
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AeAlbo_HeadThor_CHIKV.B2_FHV.24_35.rep



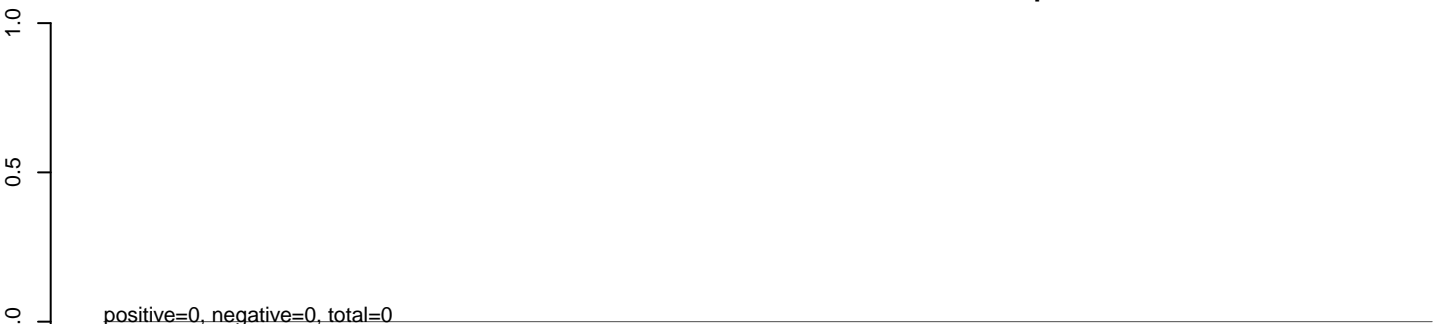
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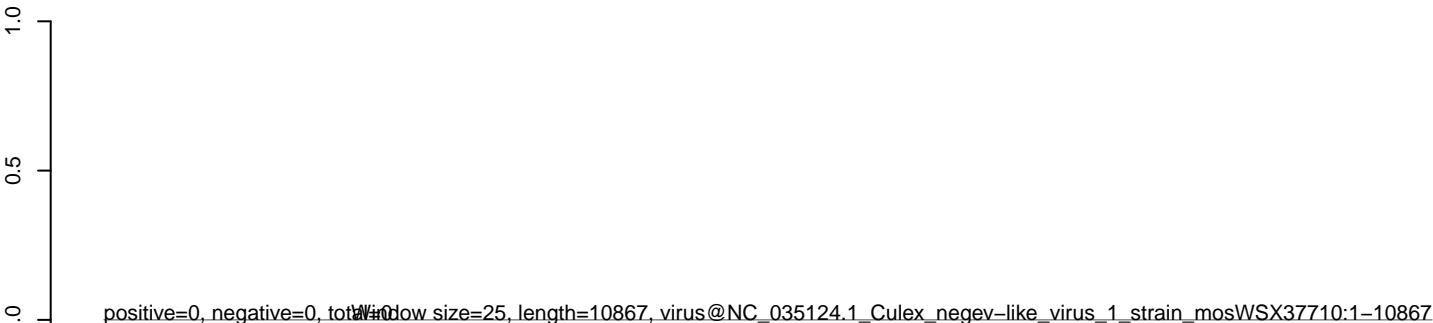
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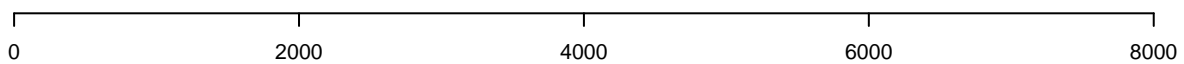
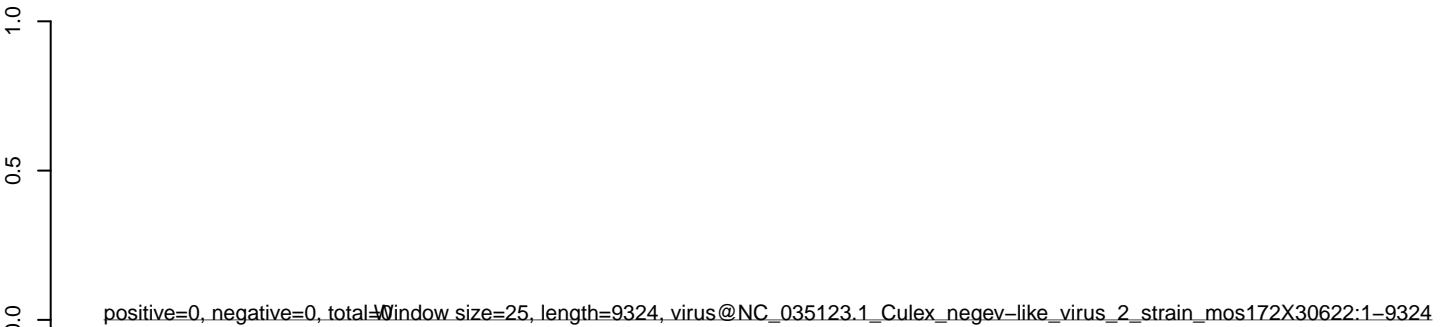
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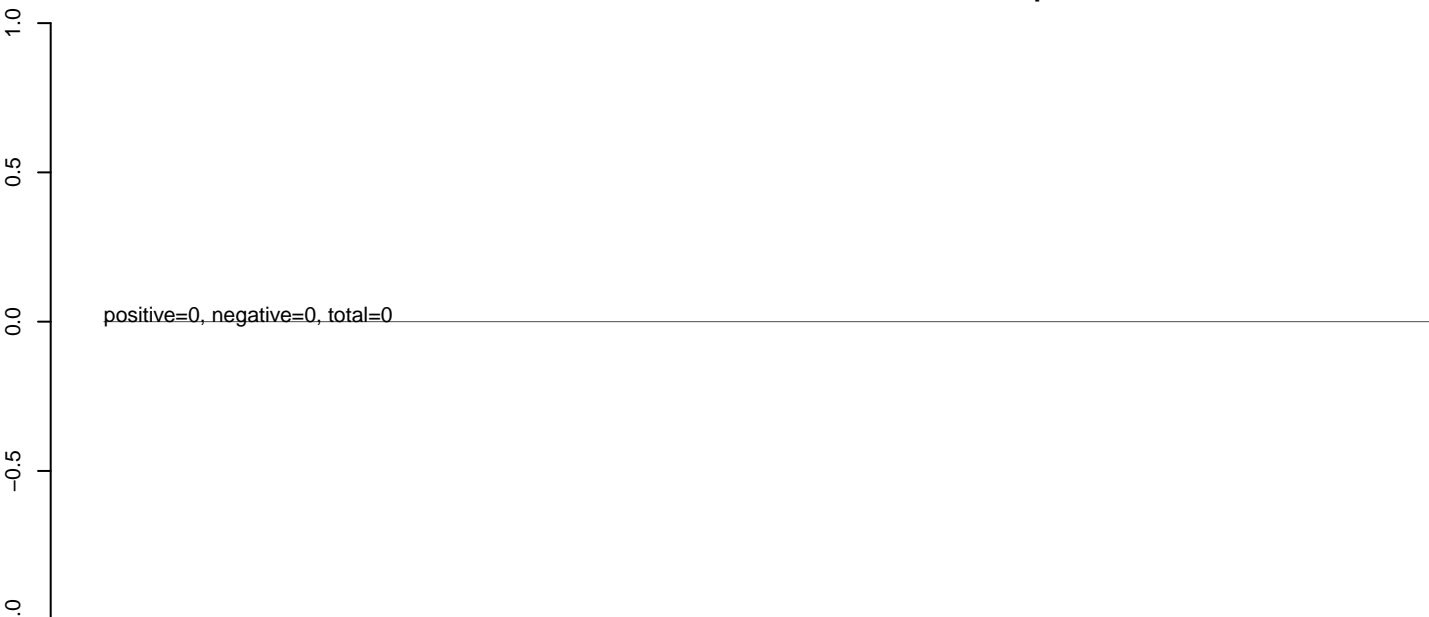
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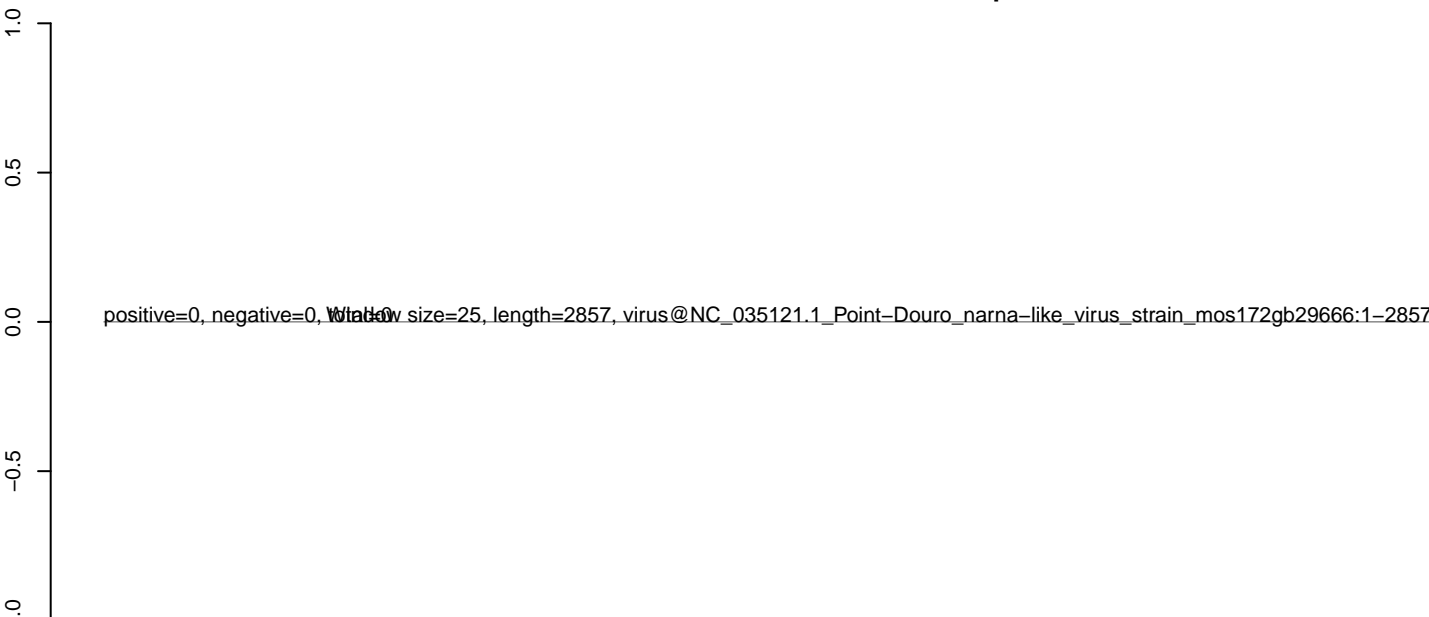
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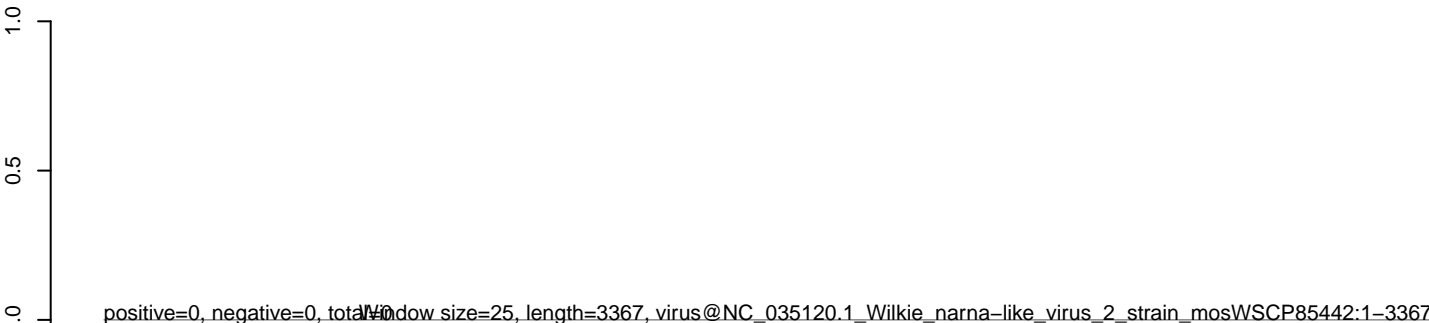
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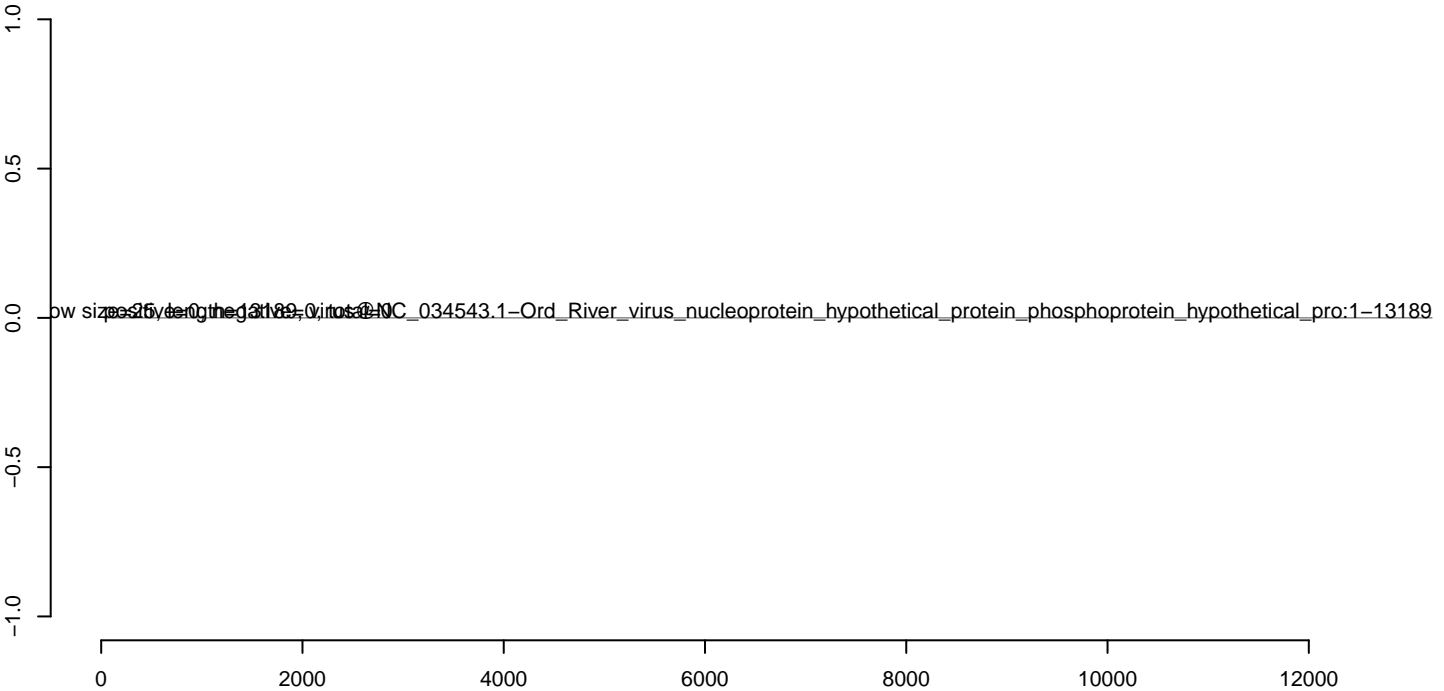
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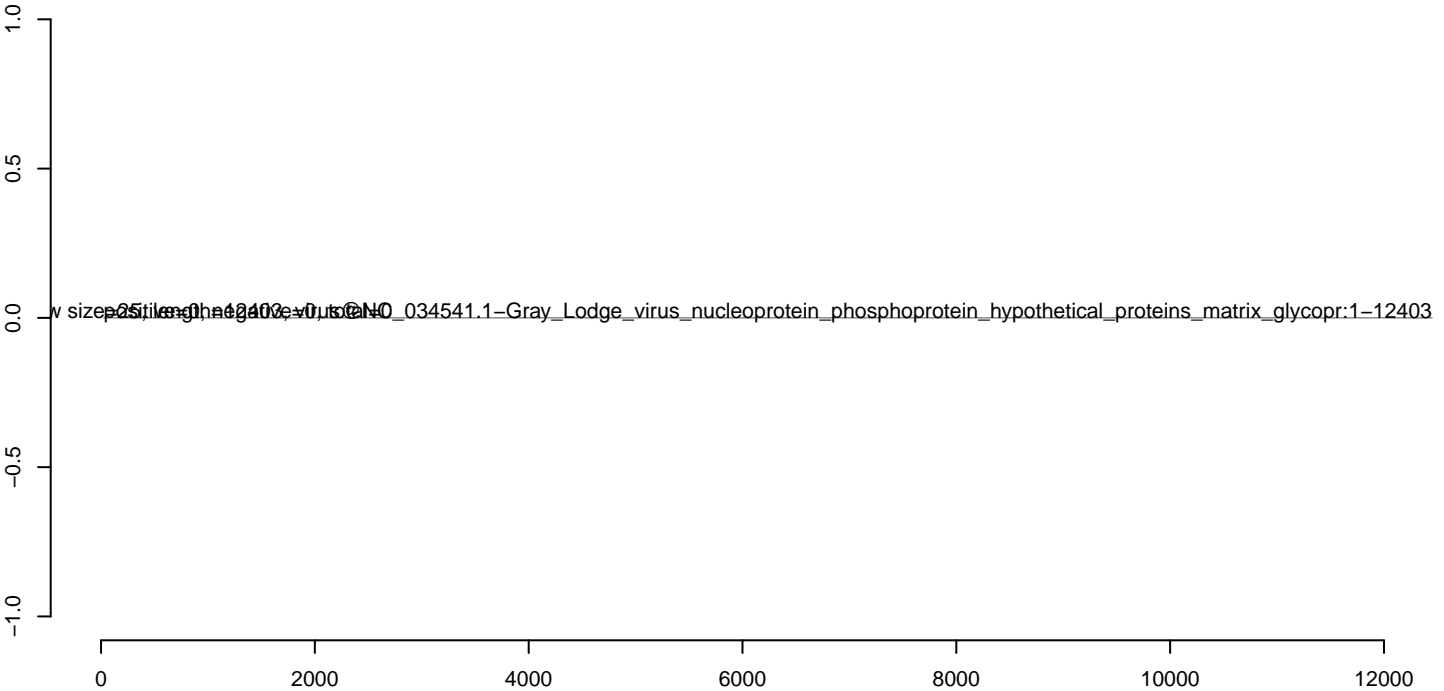
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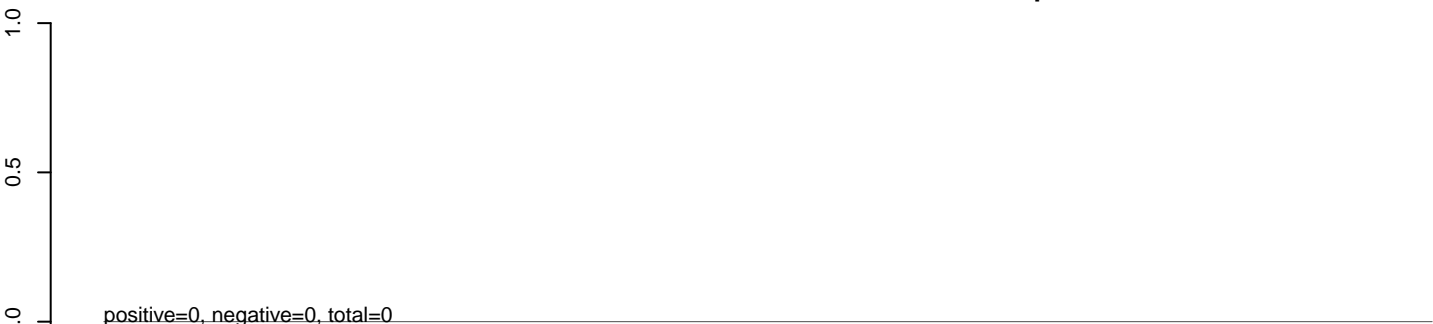
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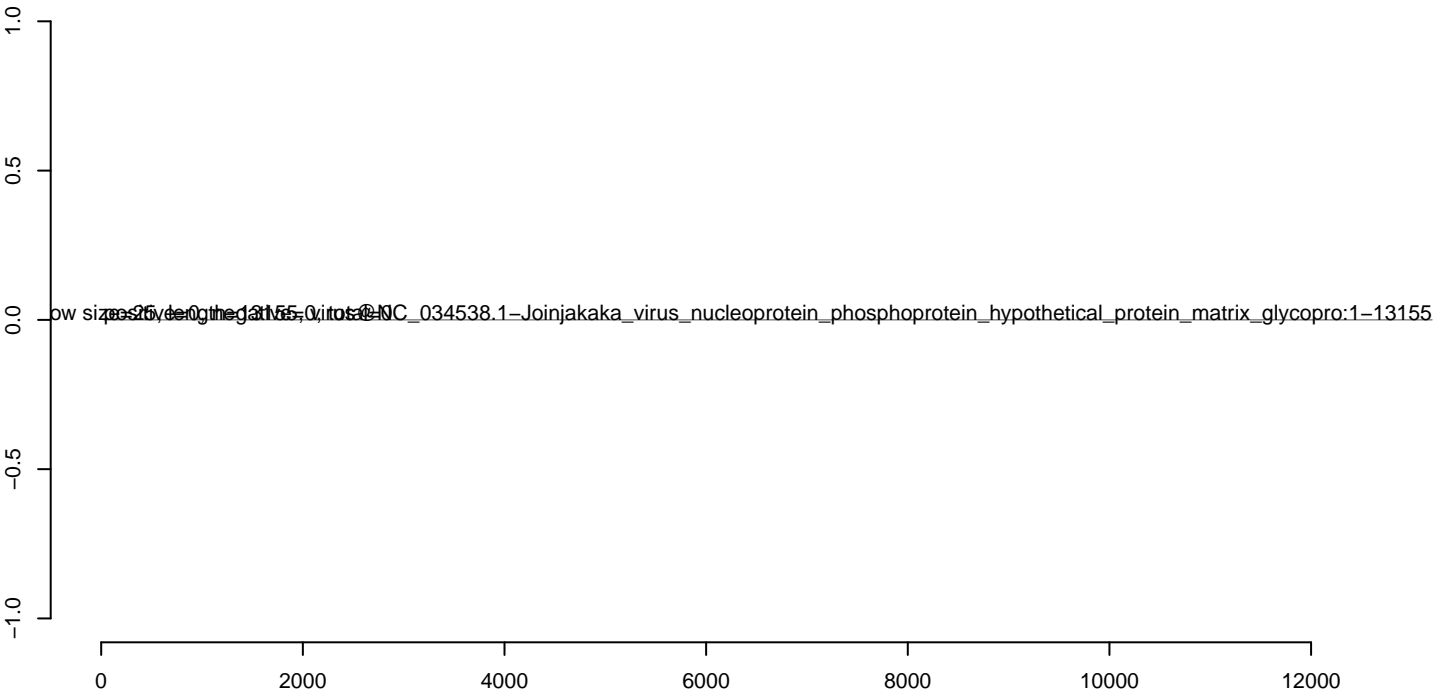
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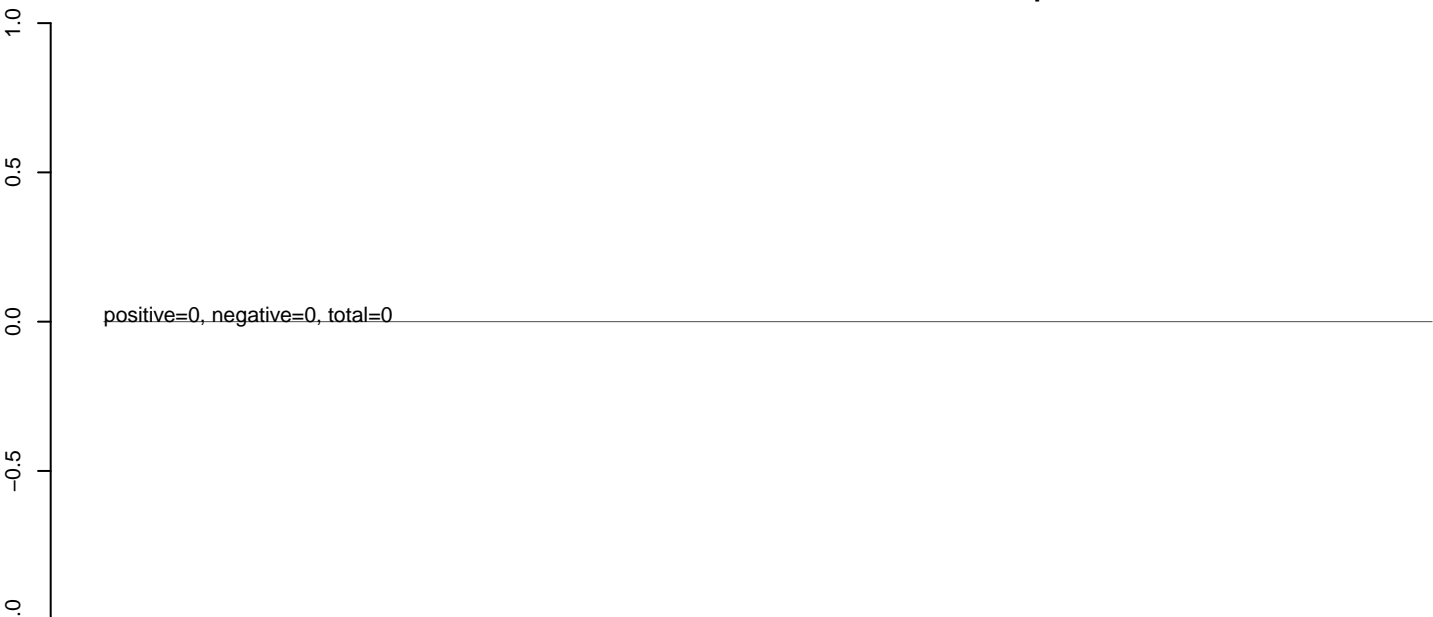
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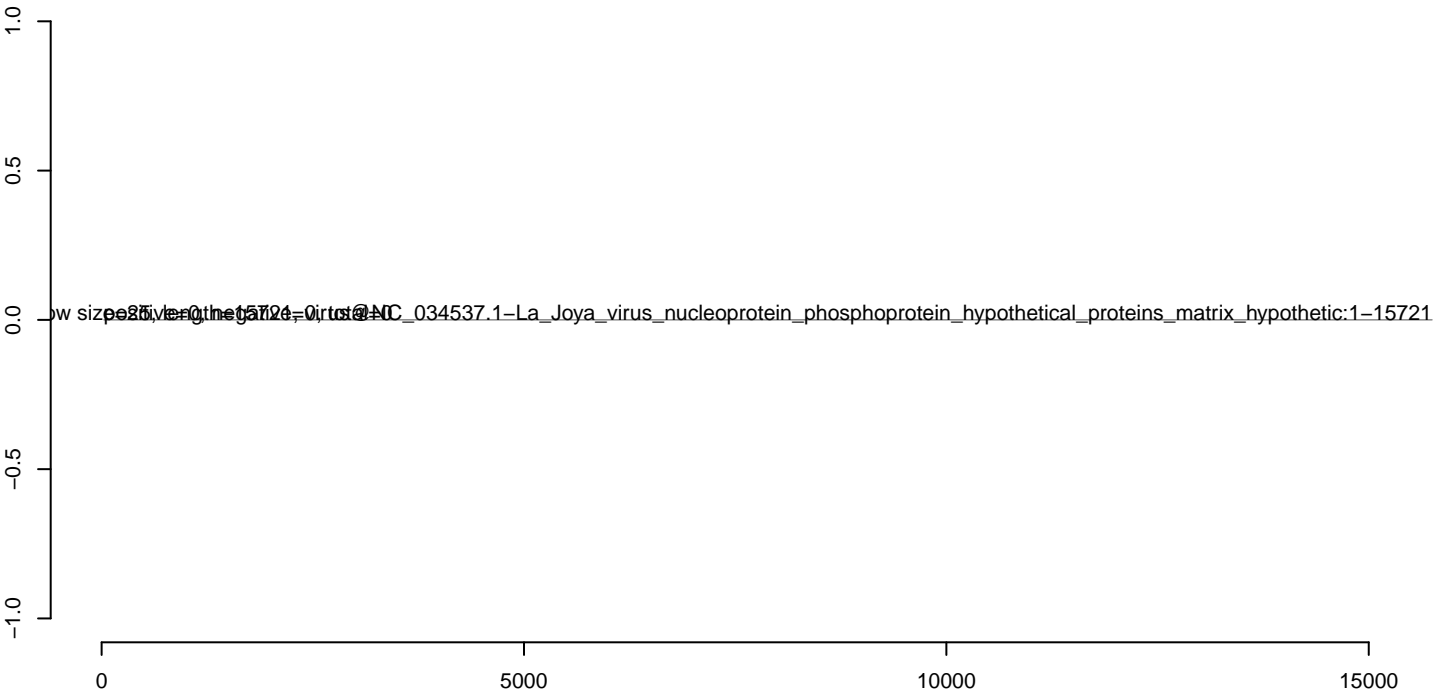
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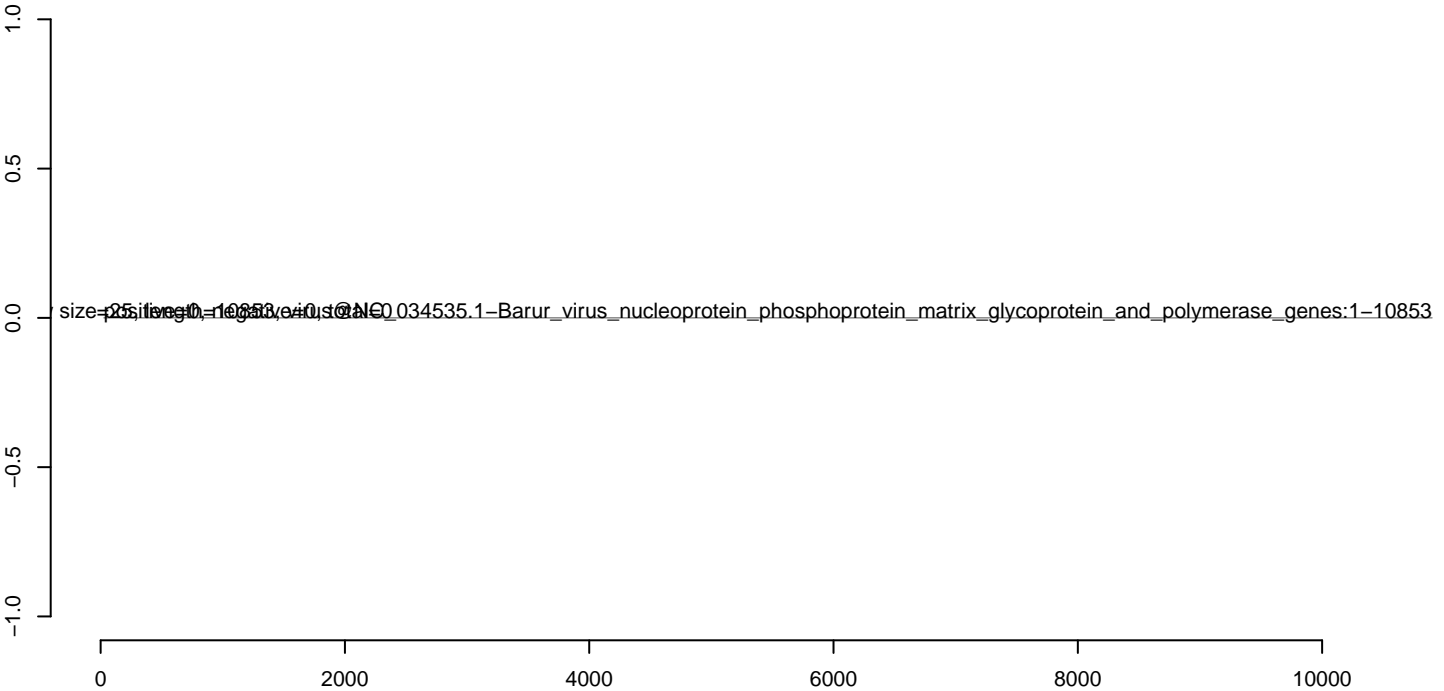
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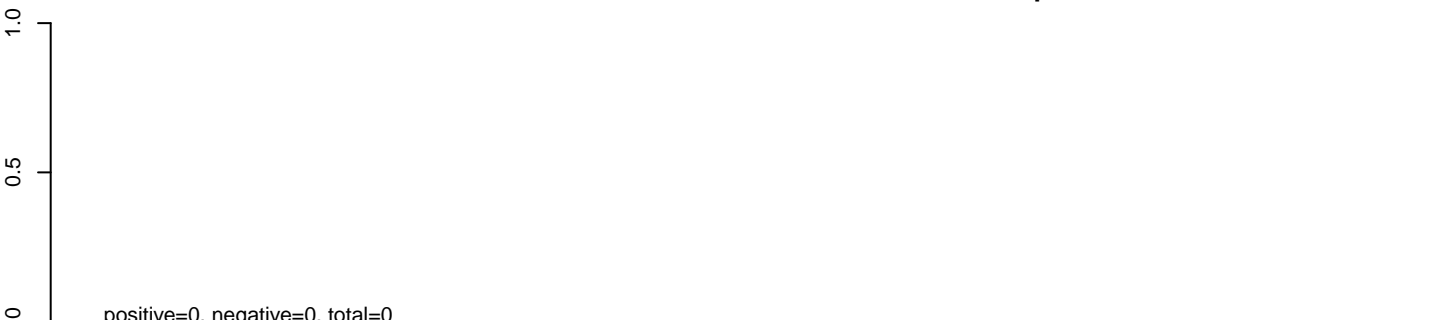
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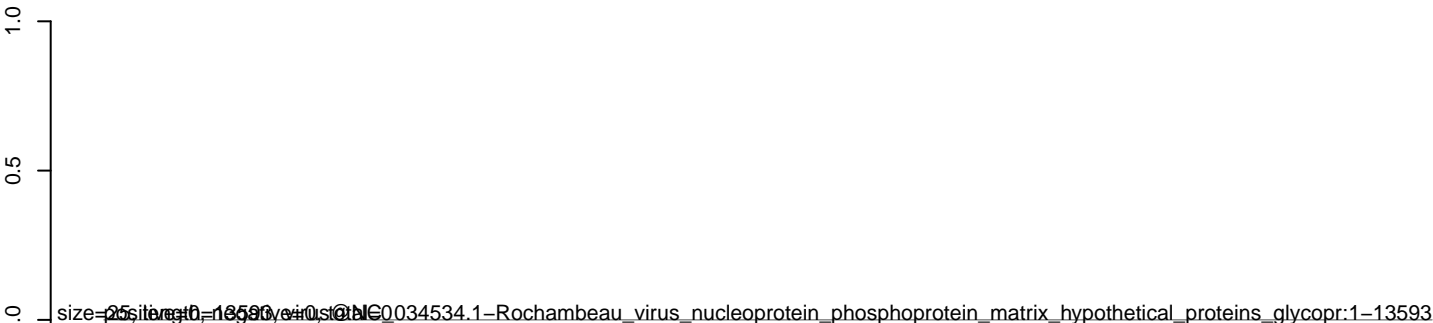
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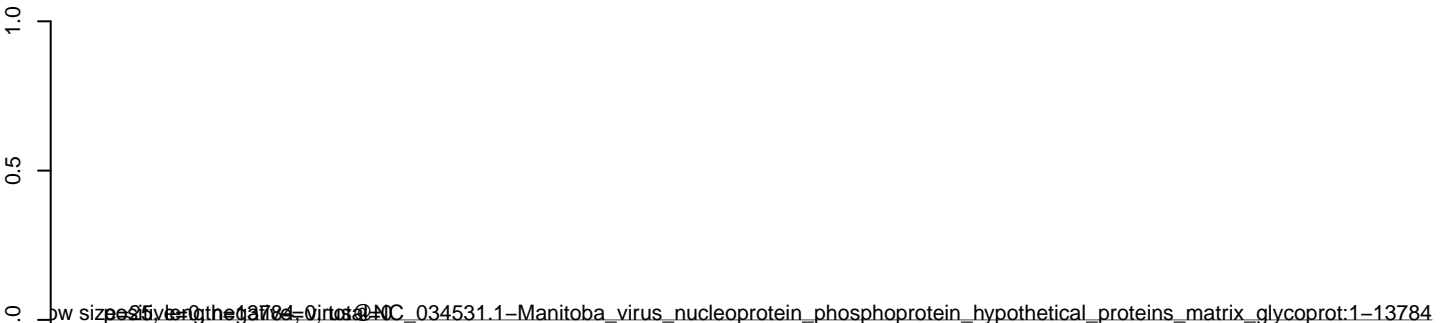
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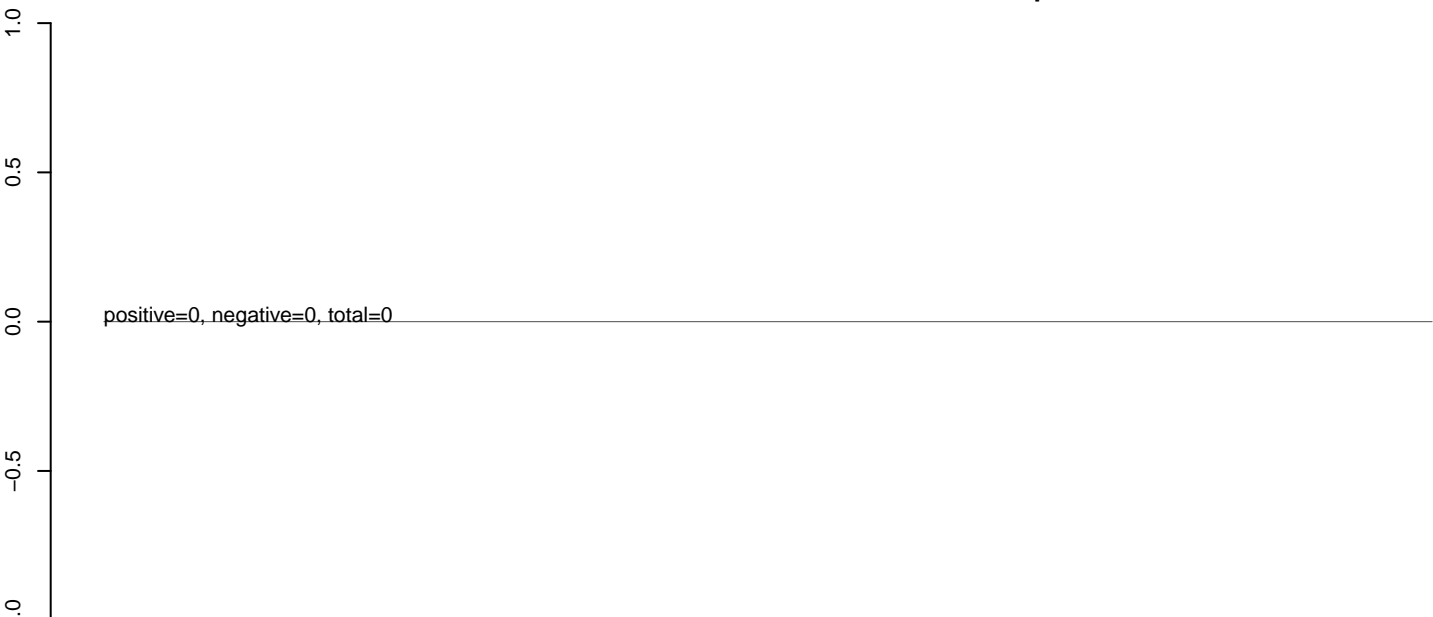
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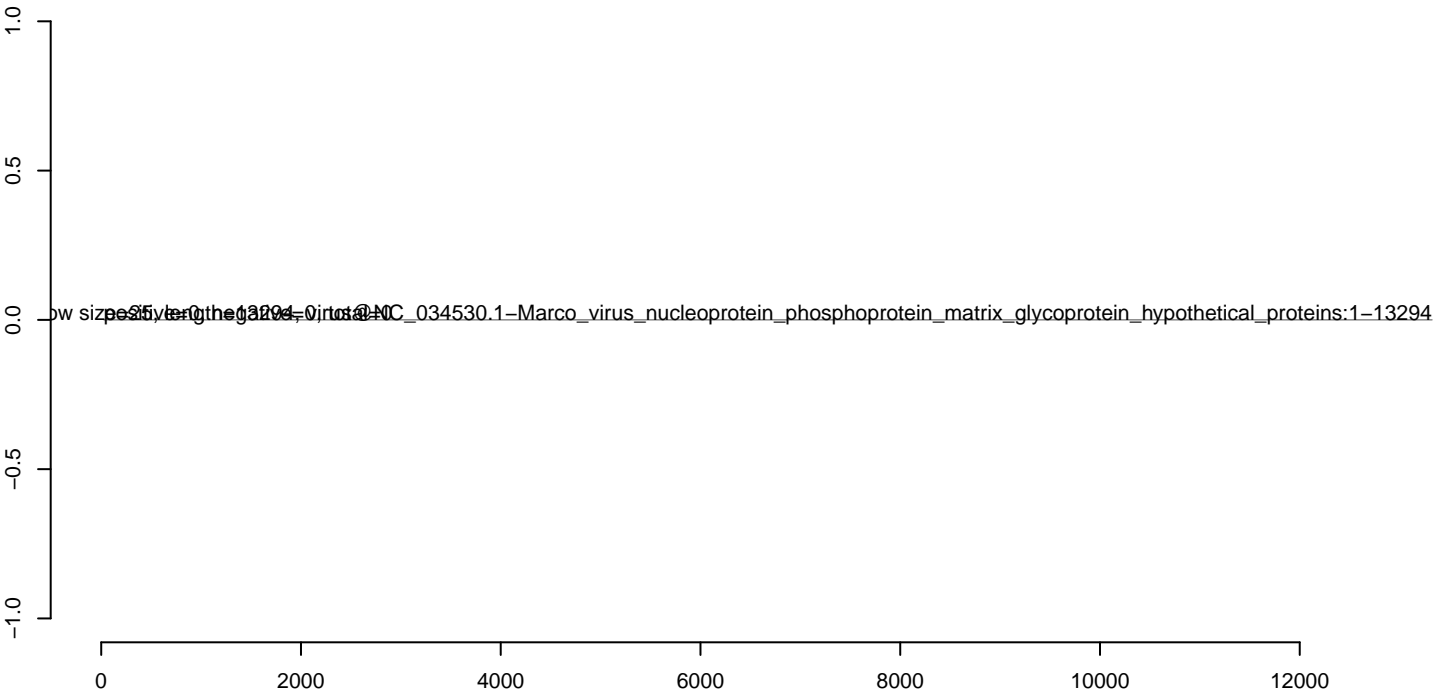
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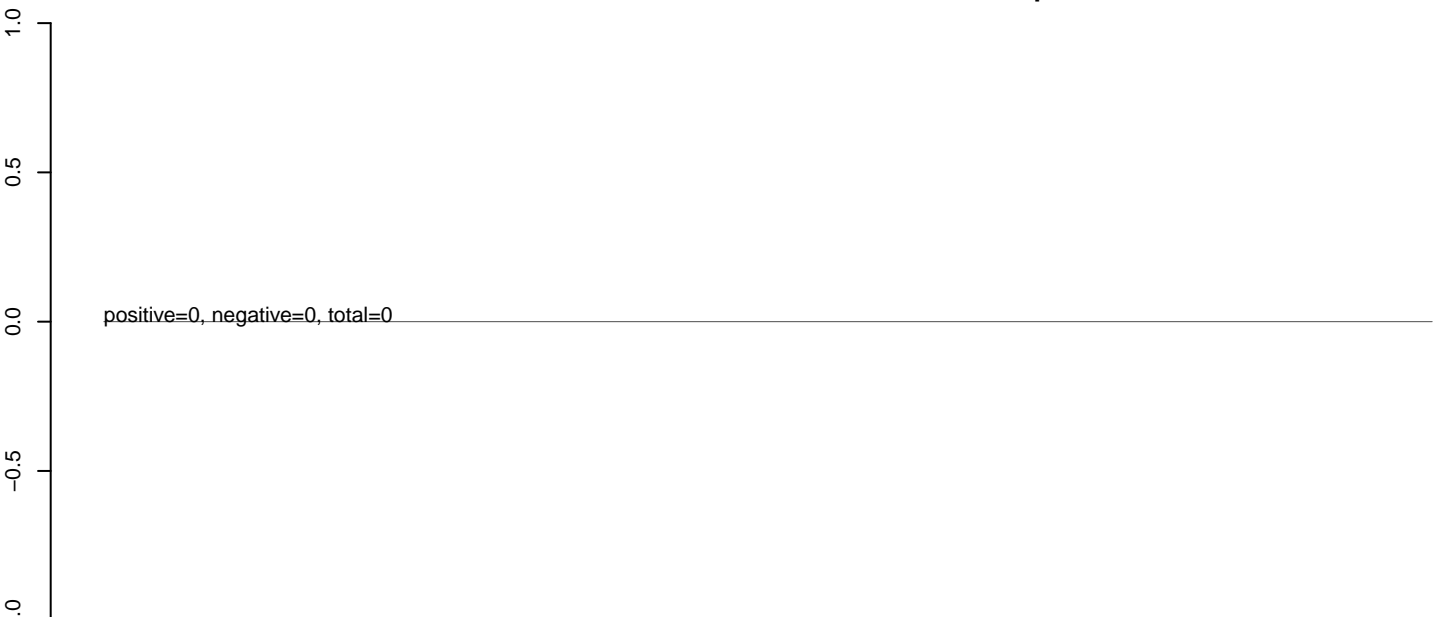
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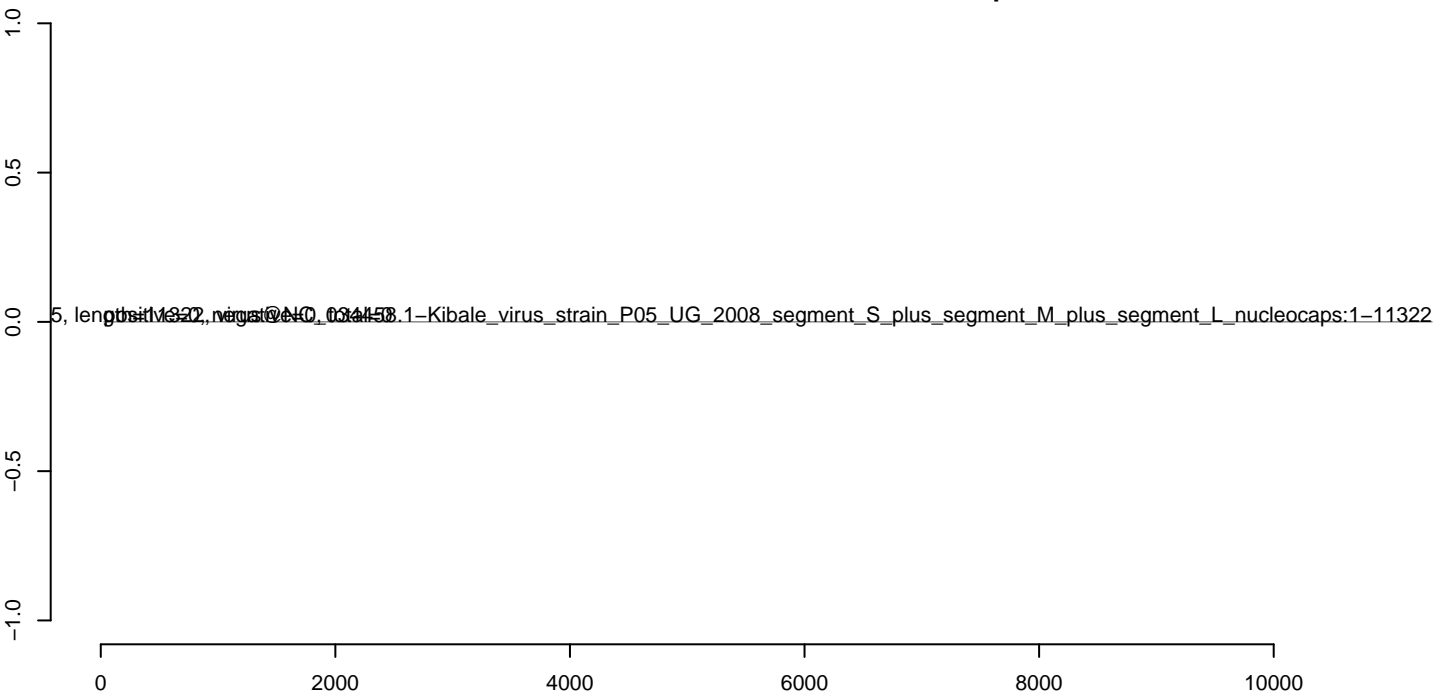
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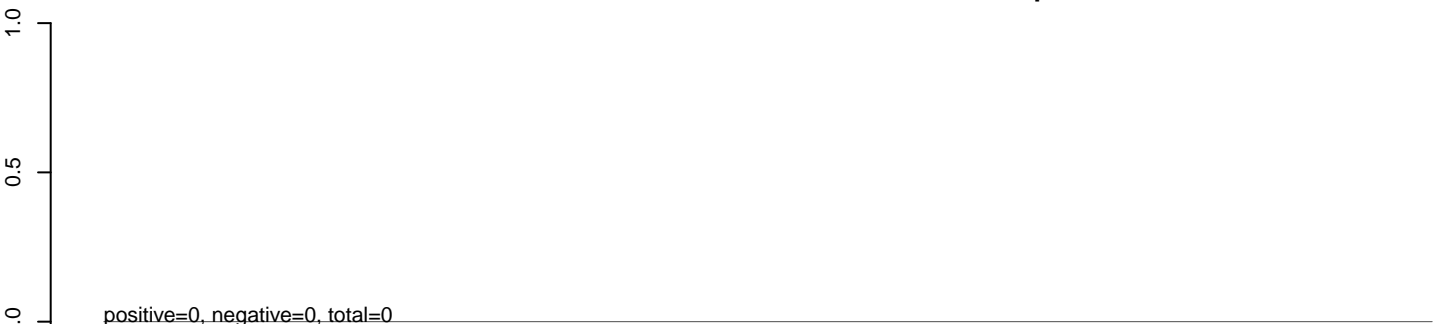
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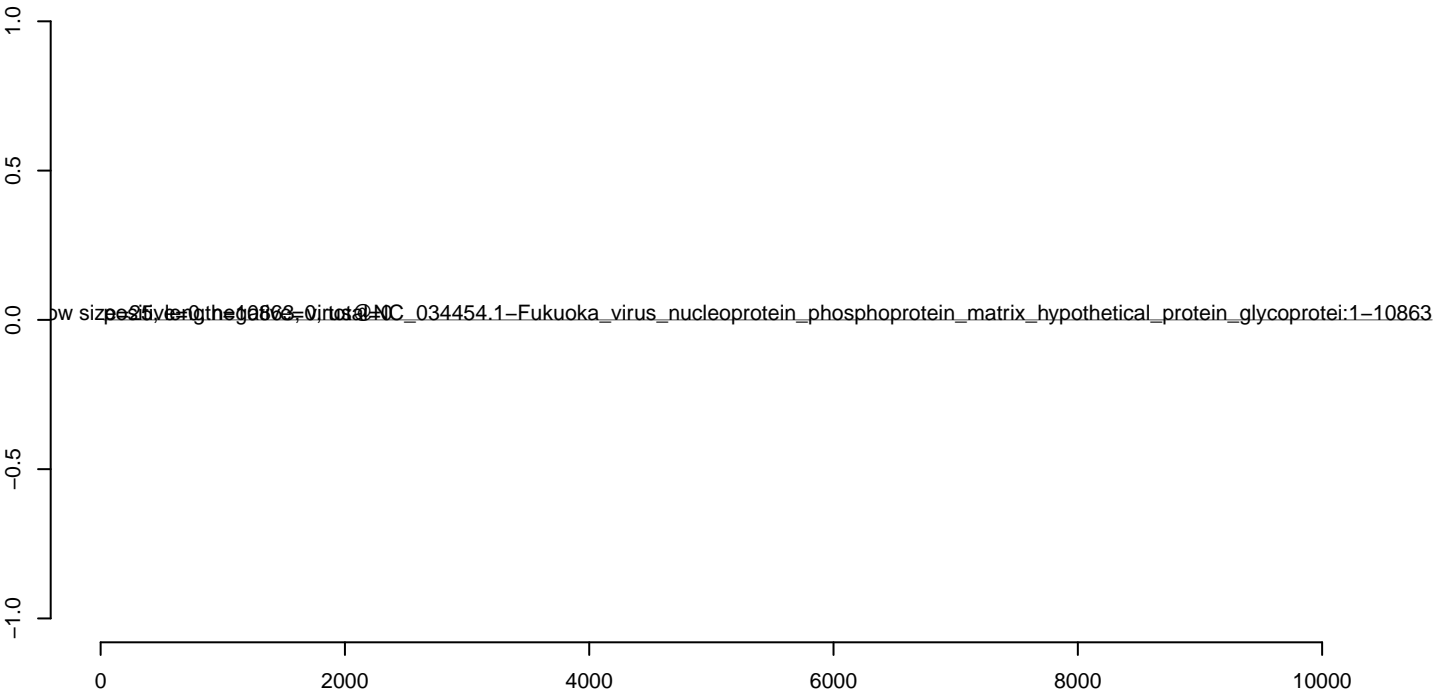
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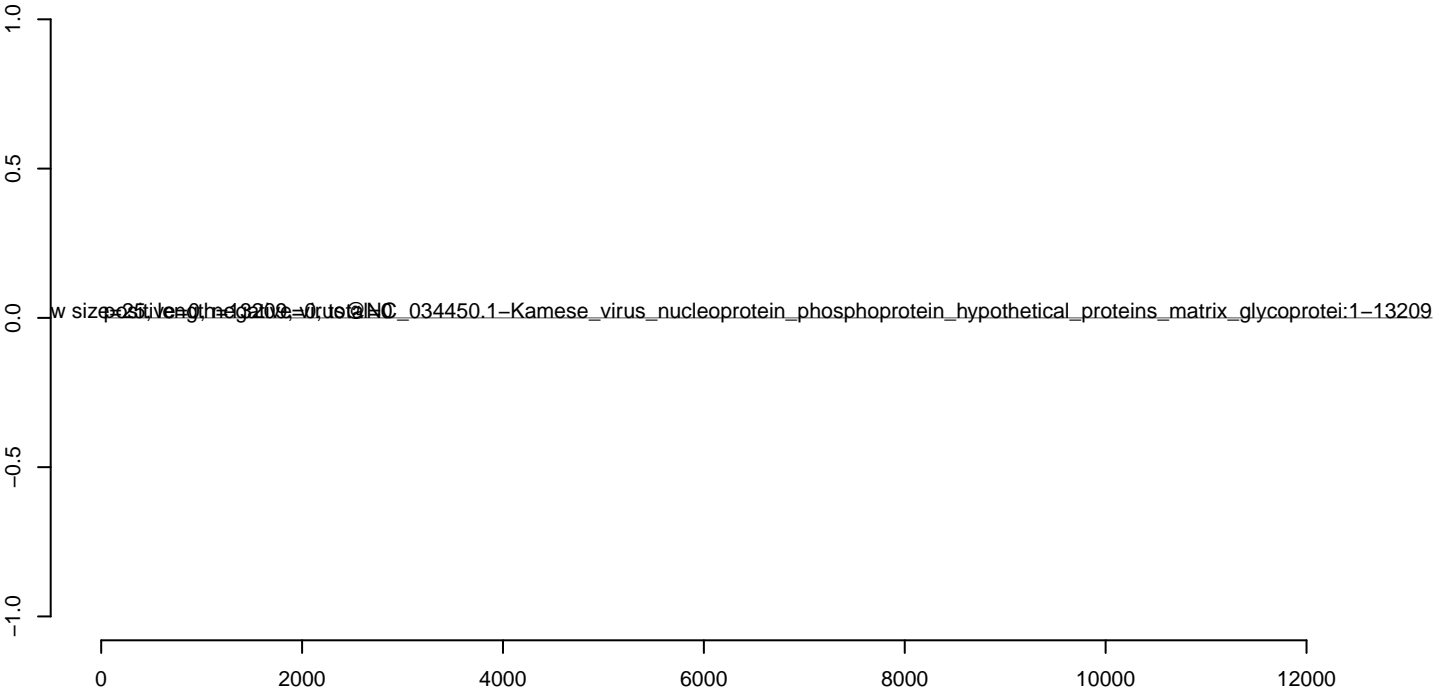
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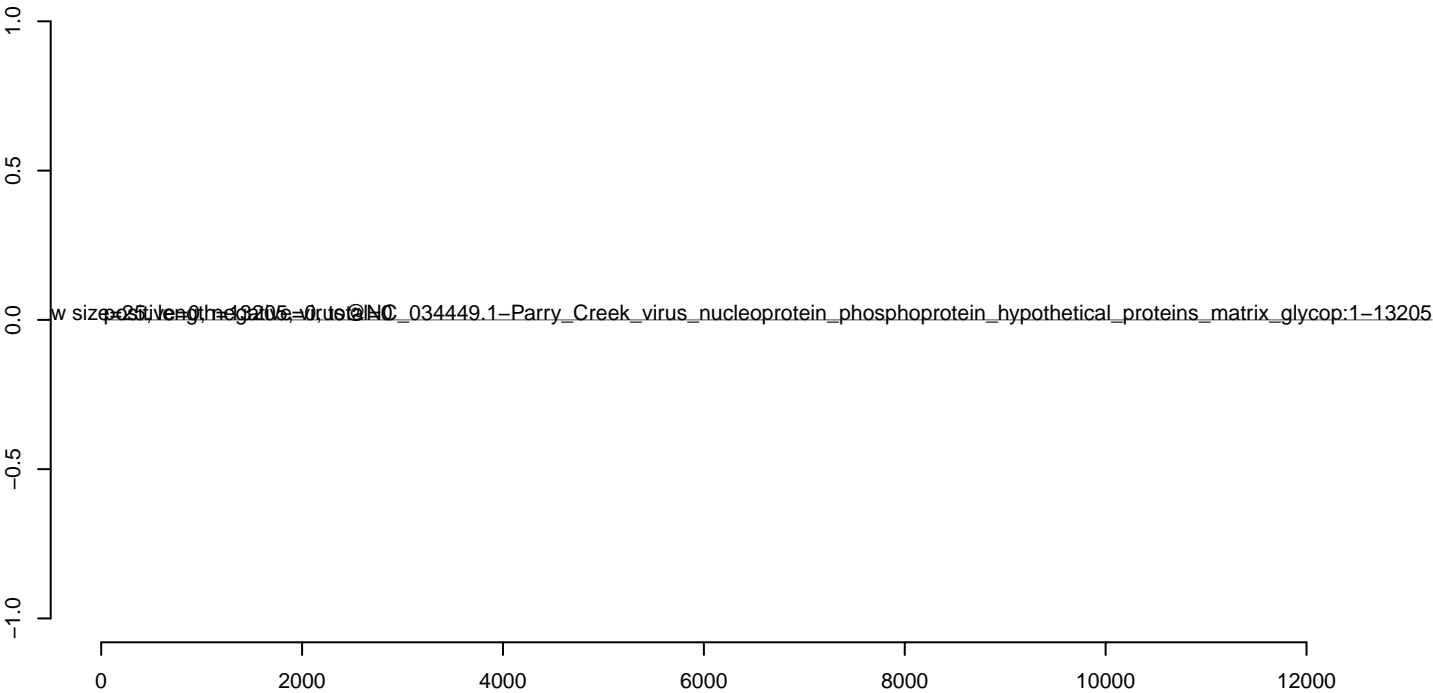
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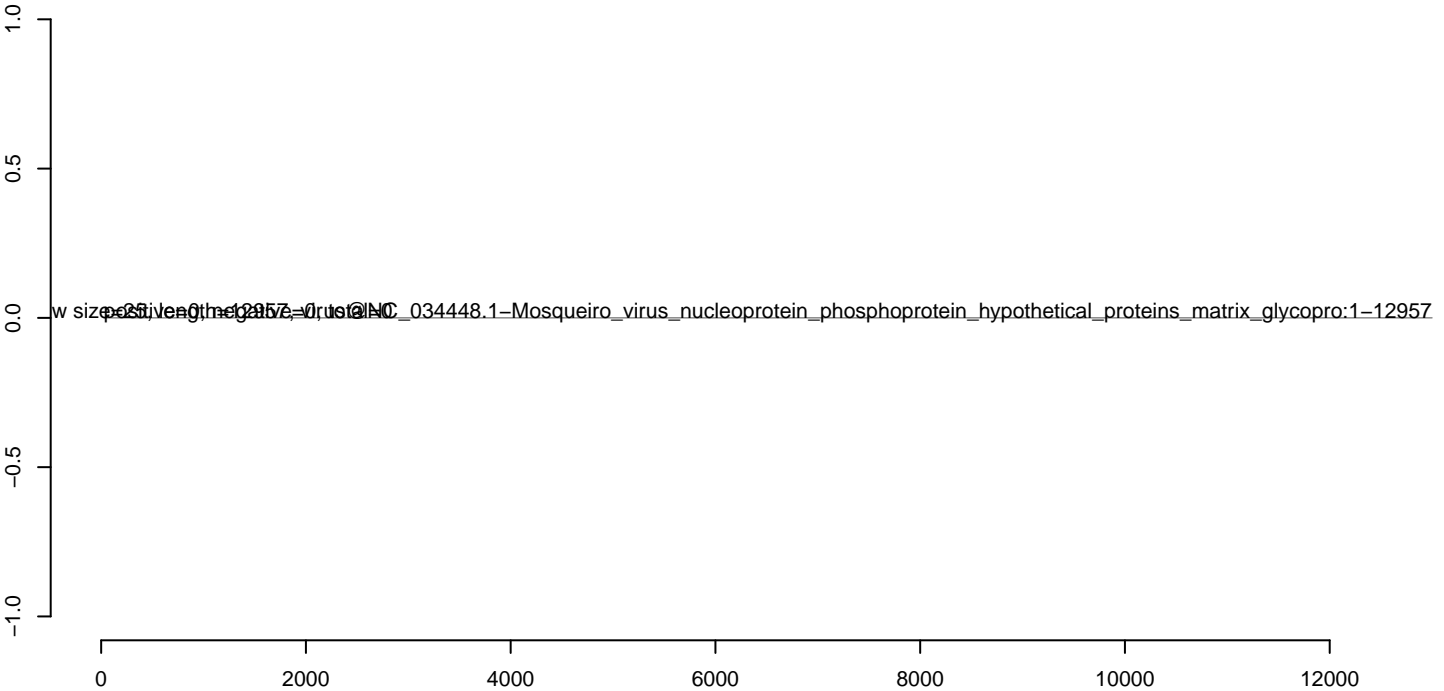
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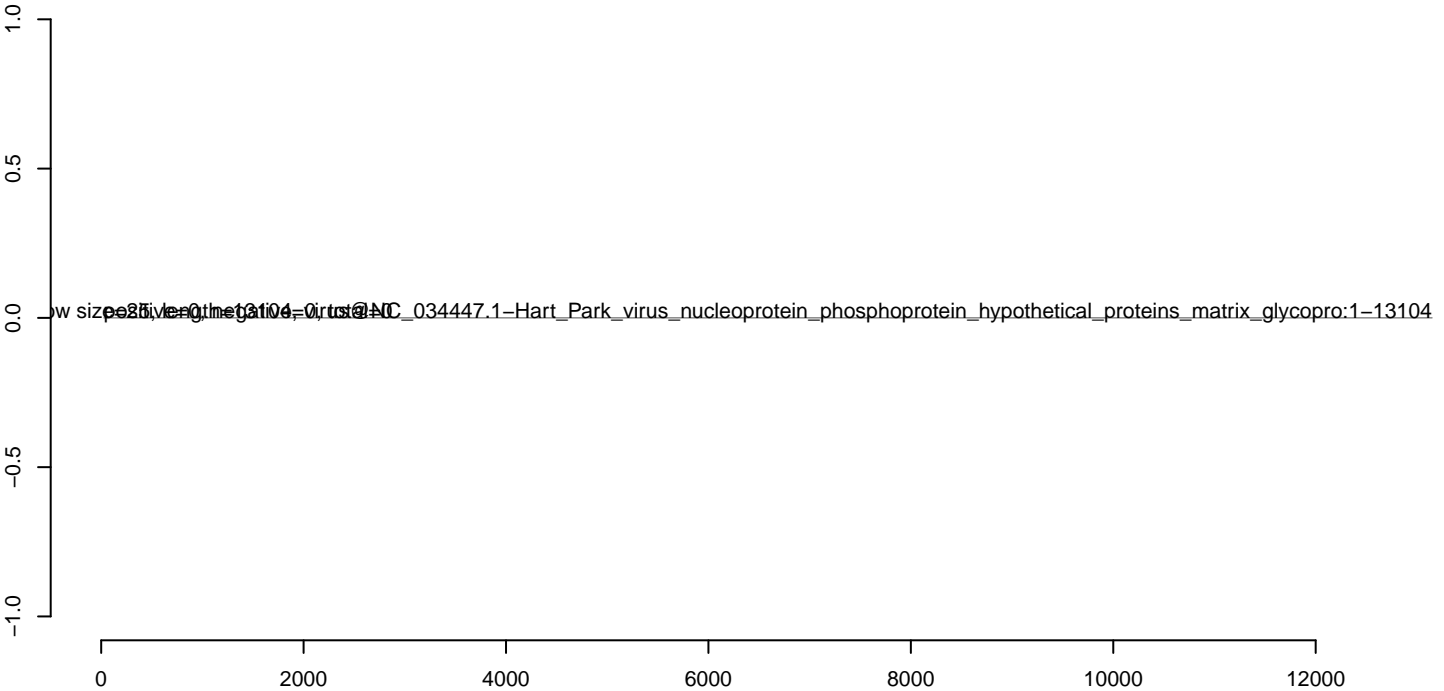
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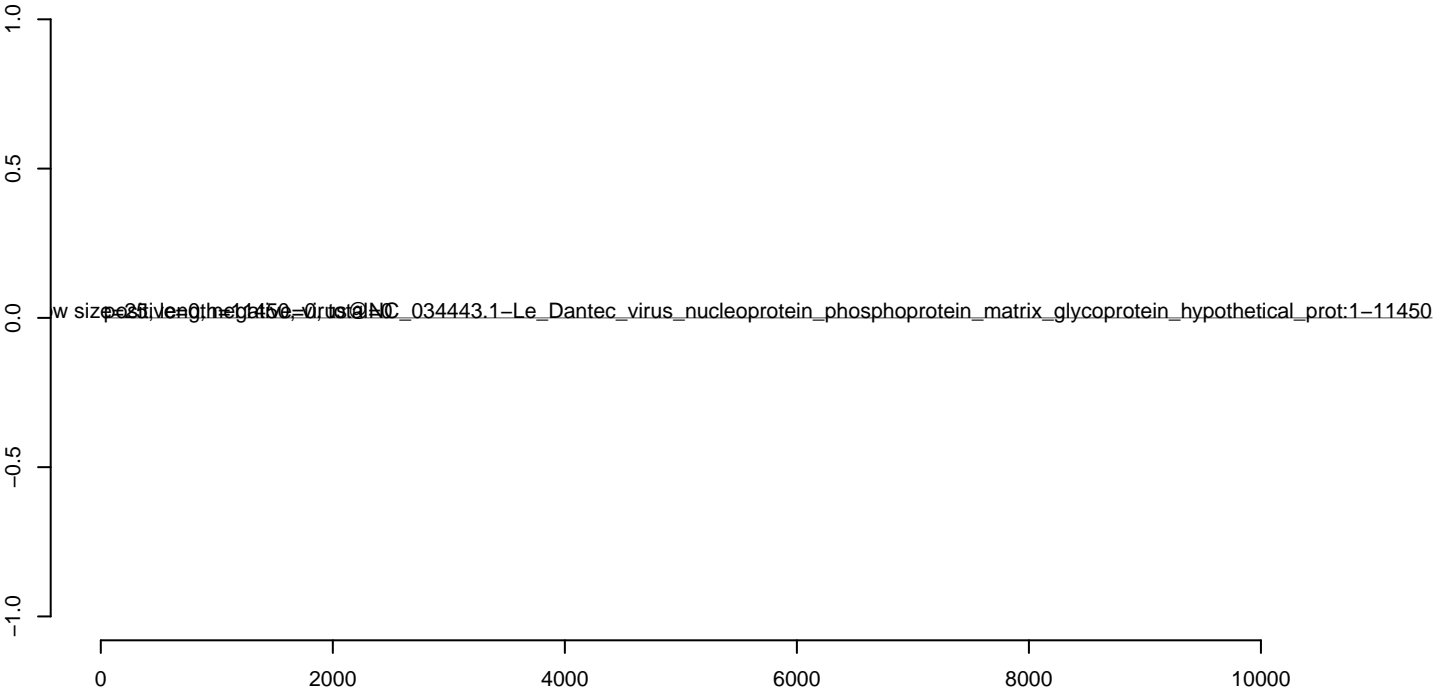
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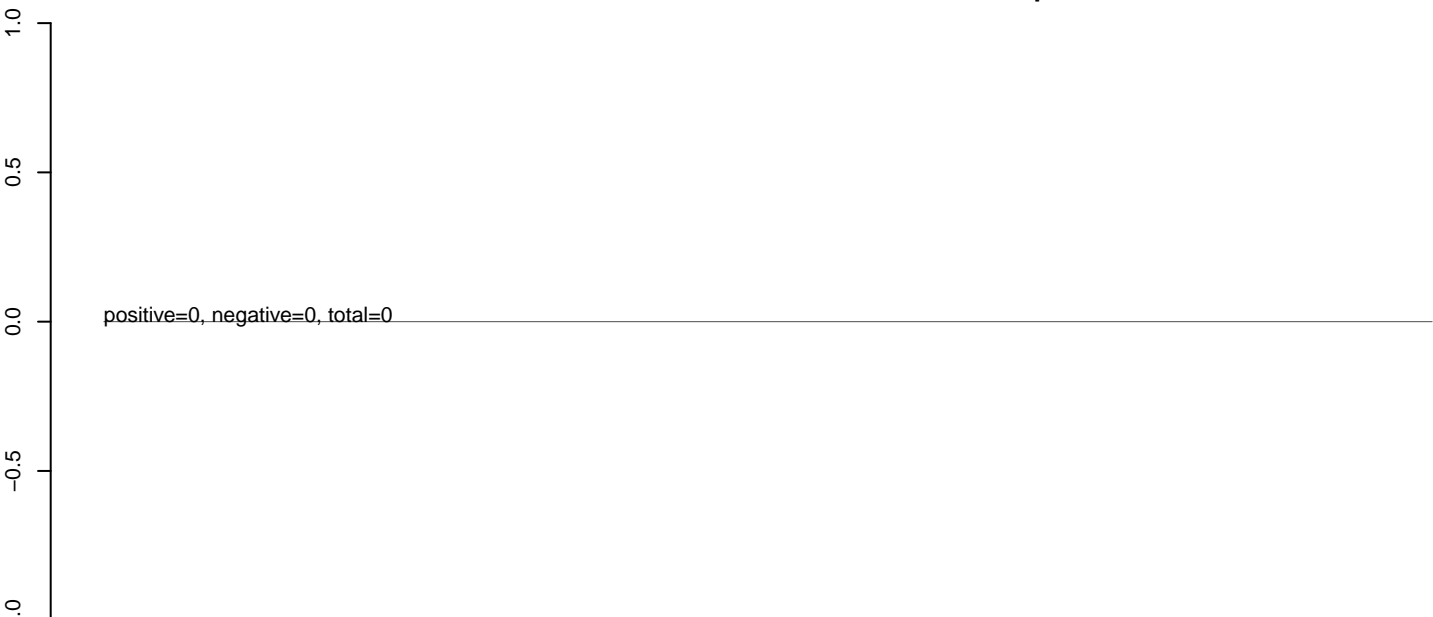
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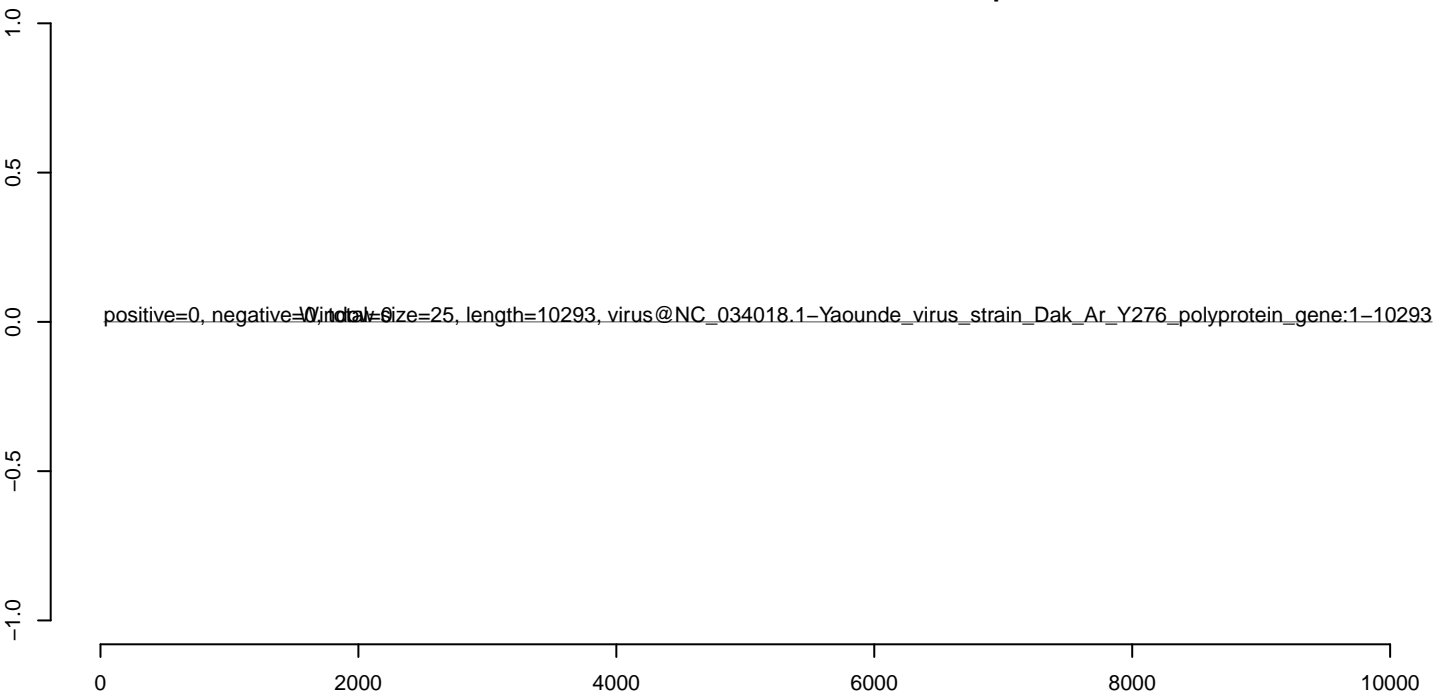
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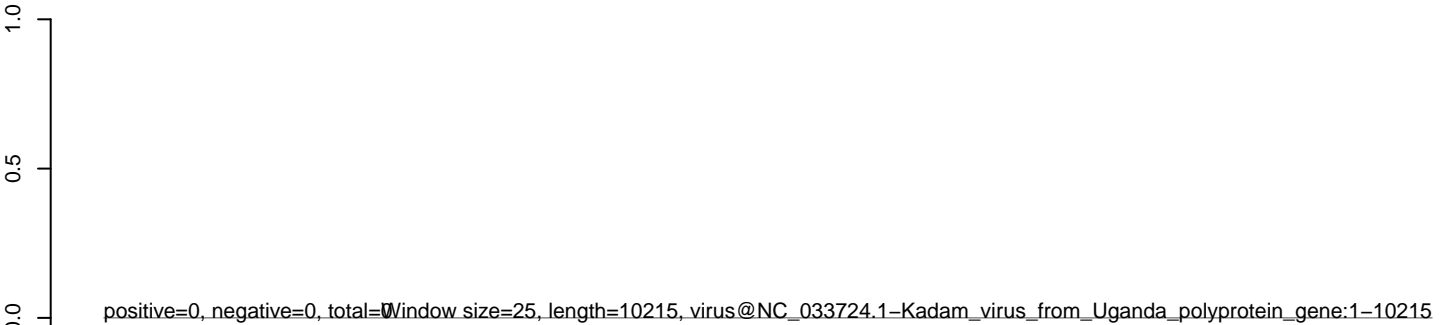
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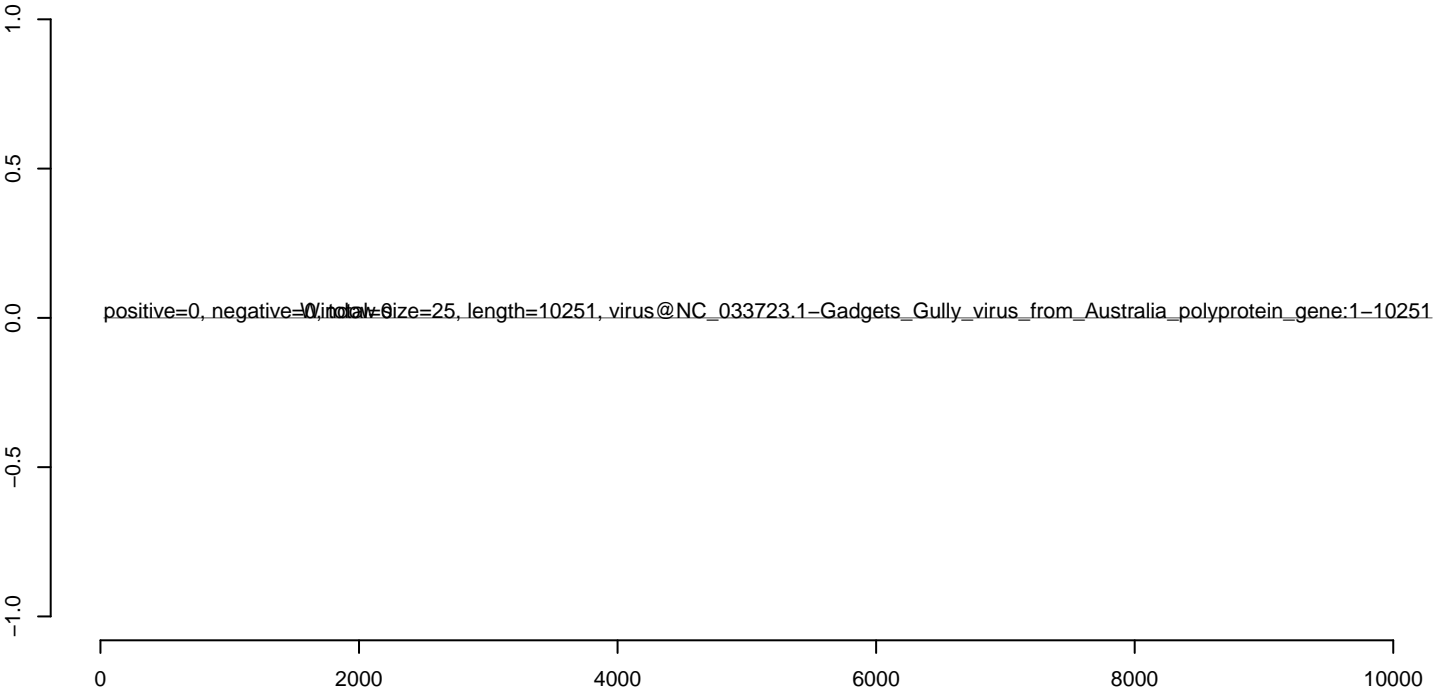
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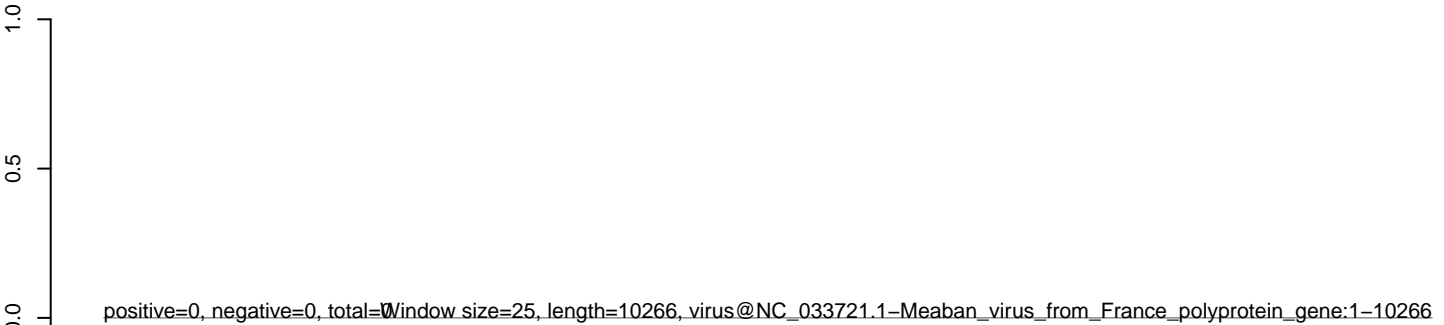
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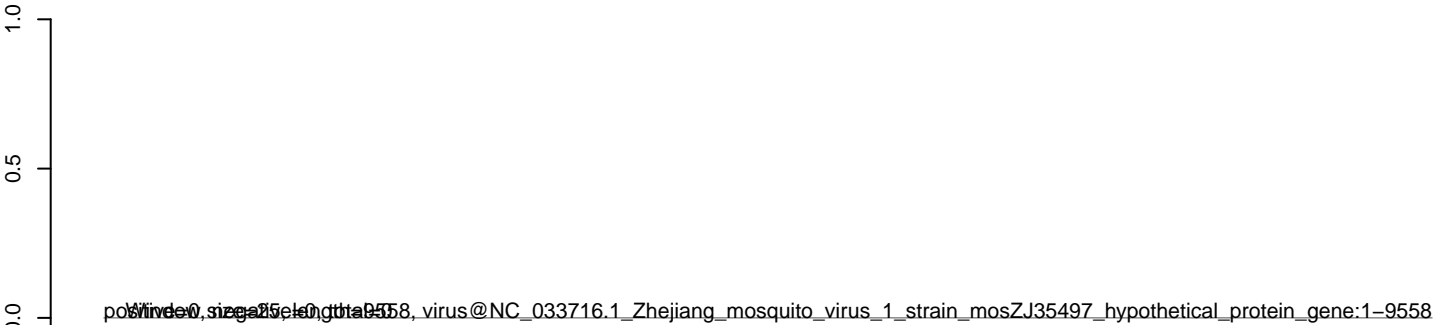
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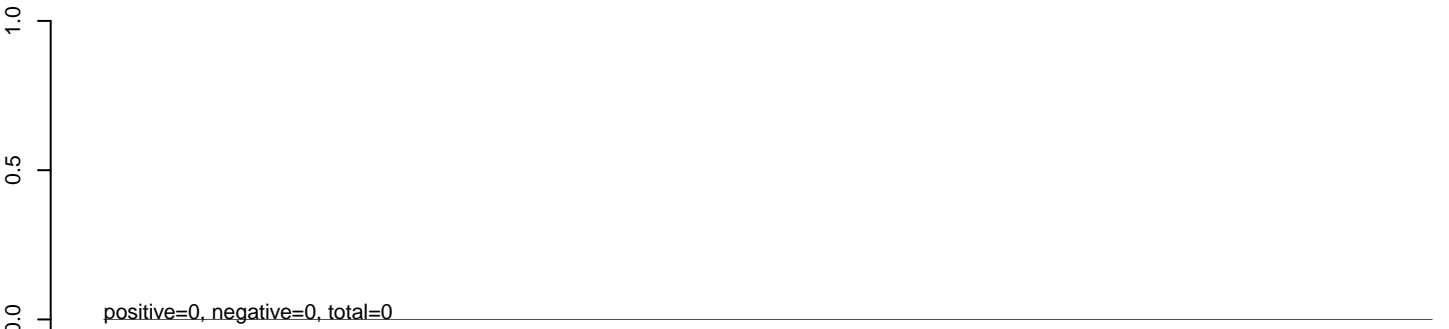


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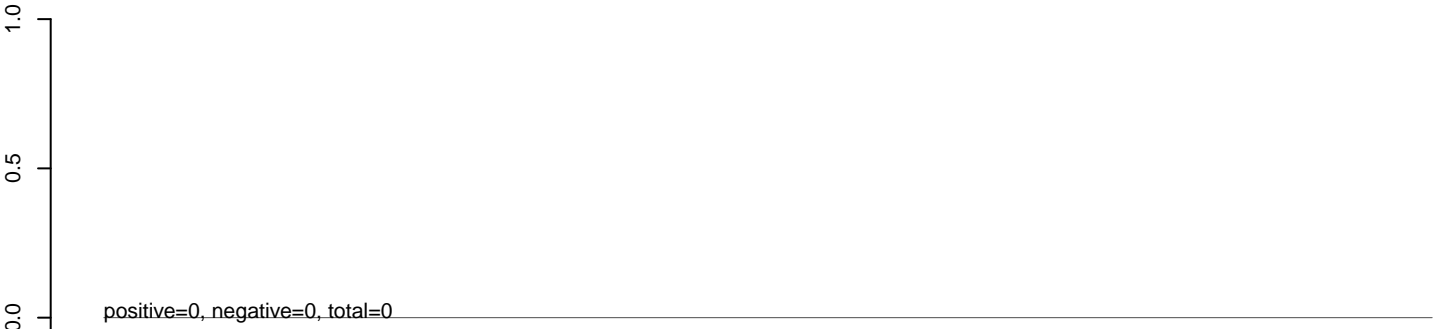


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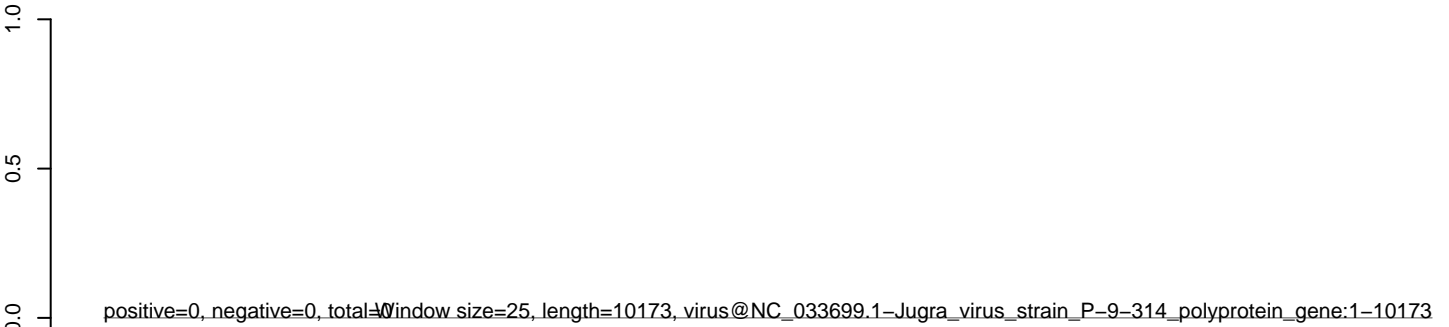
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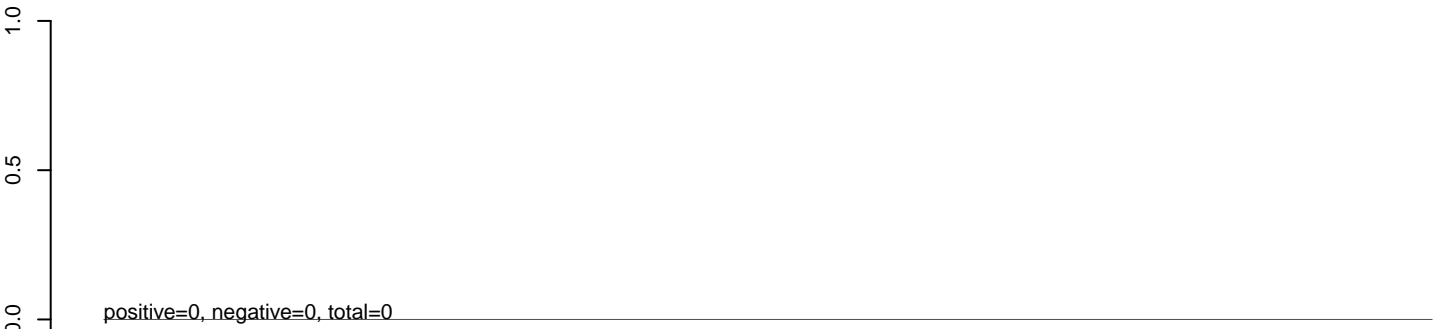
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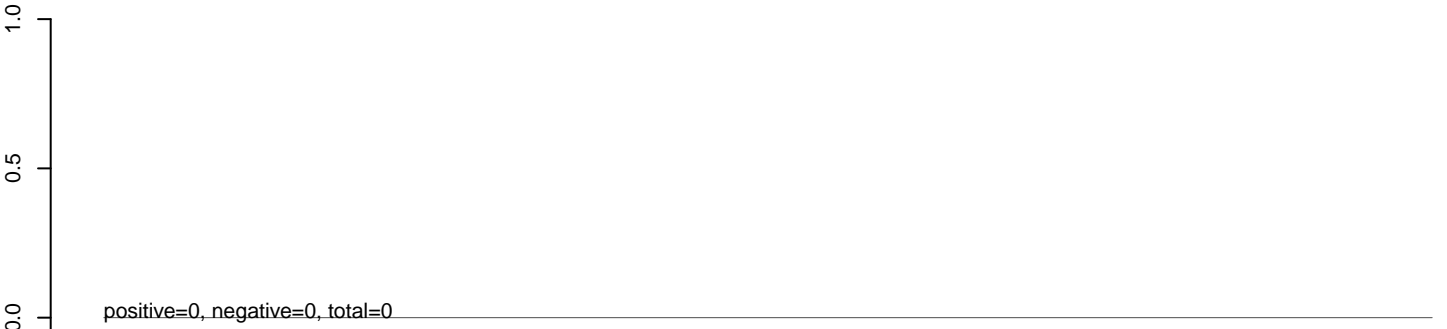
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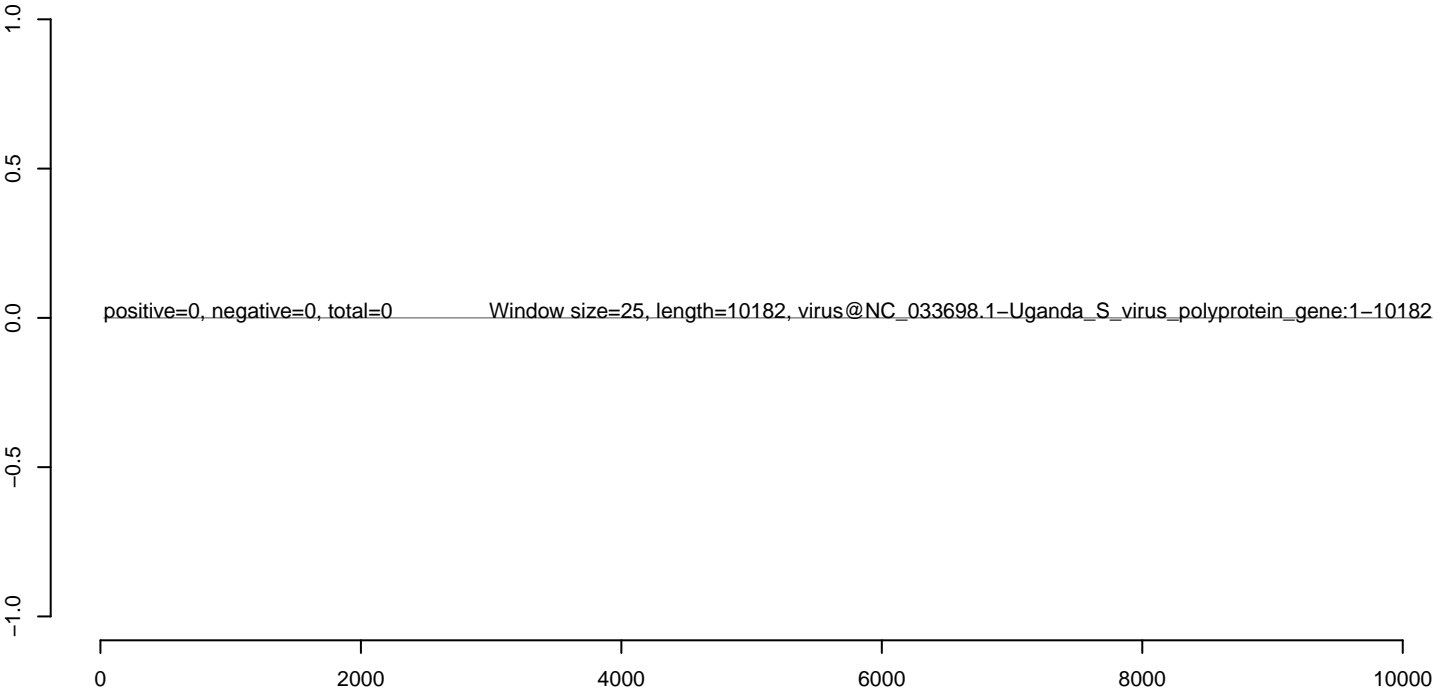
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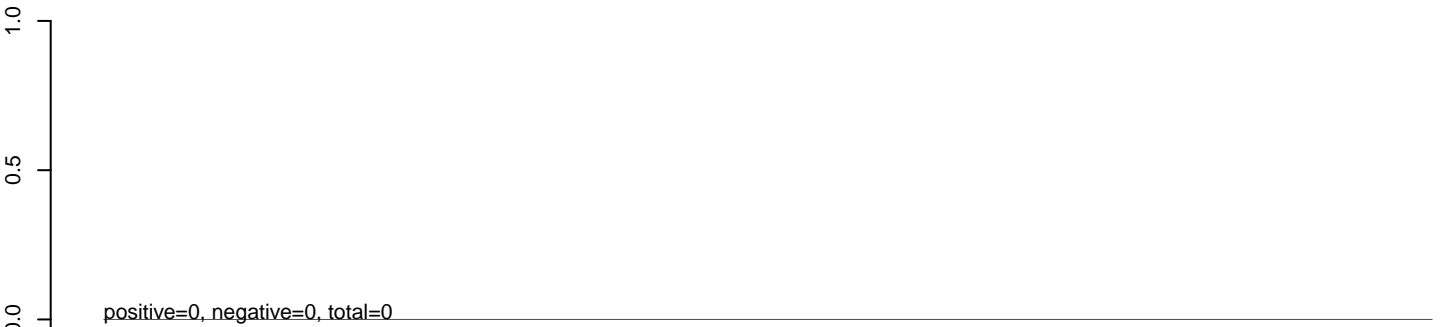
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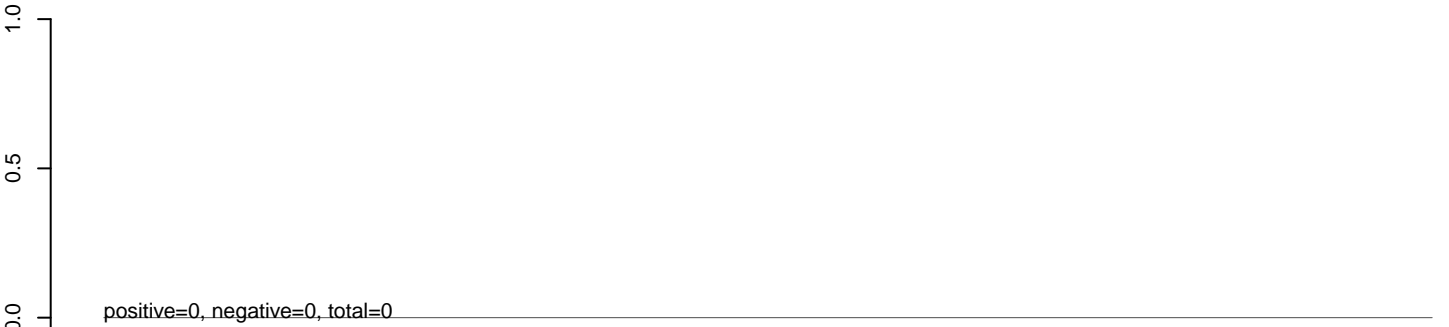
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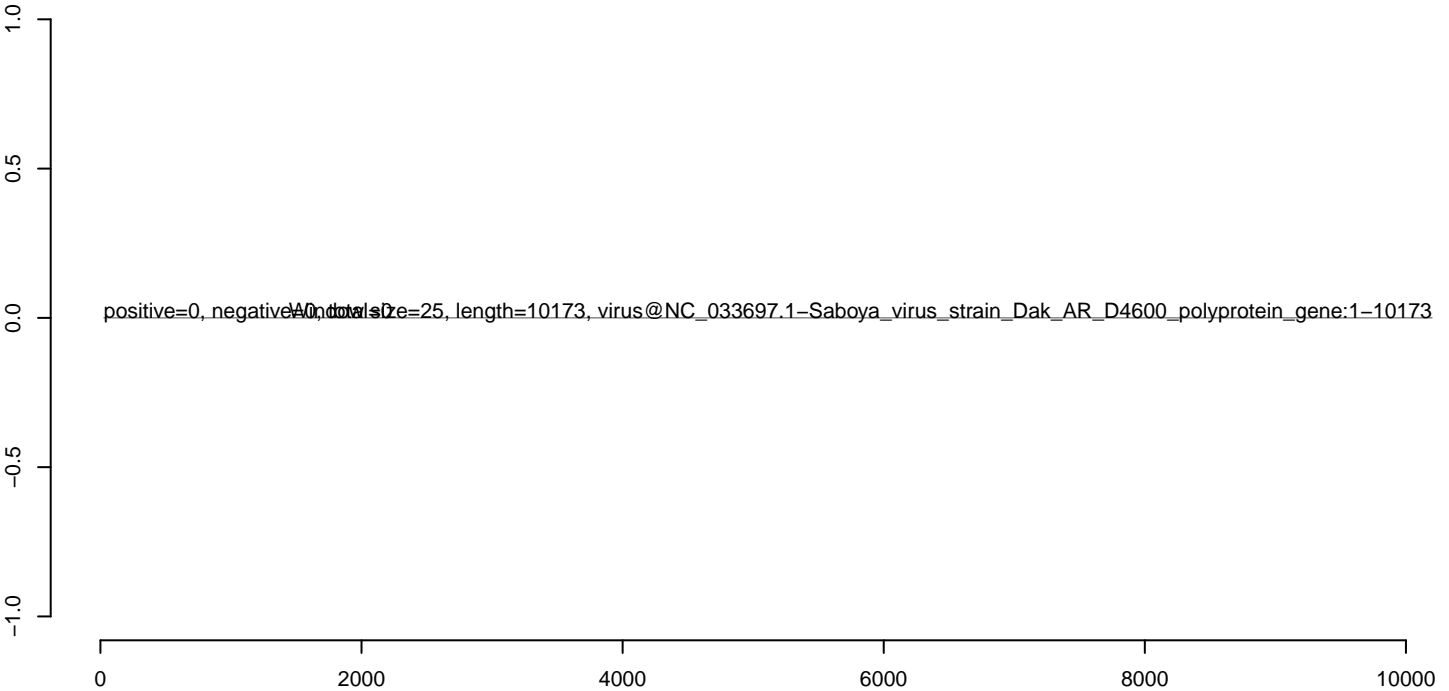
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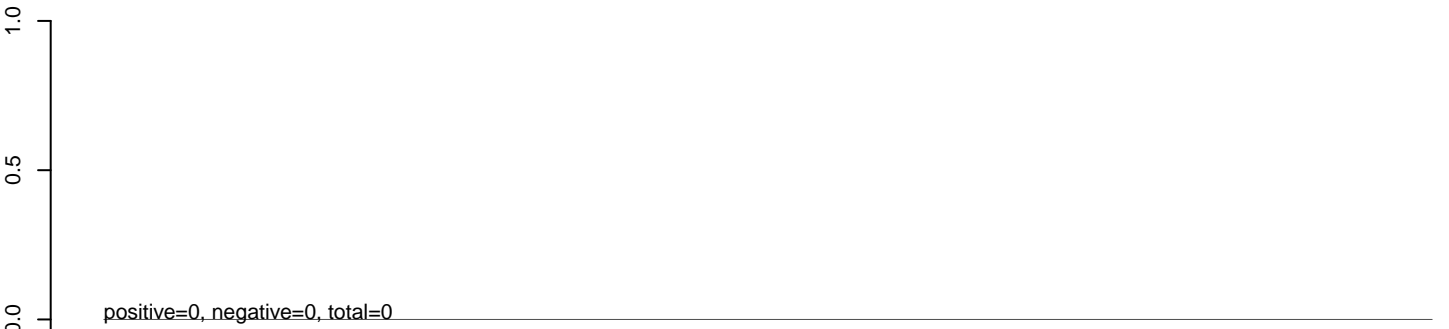
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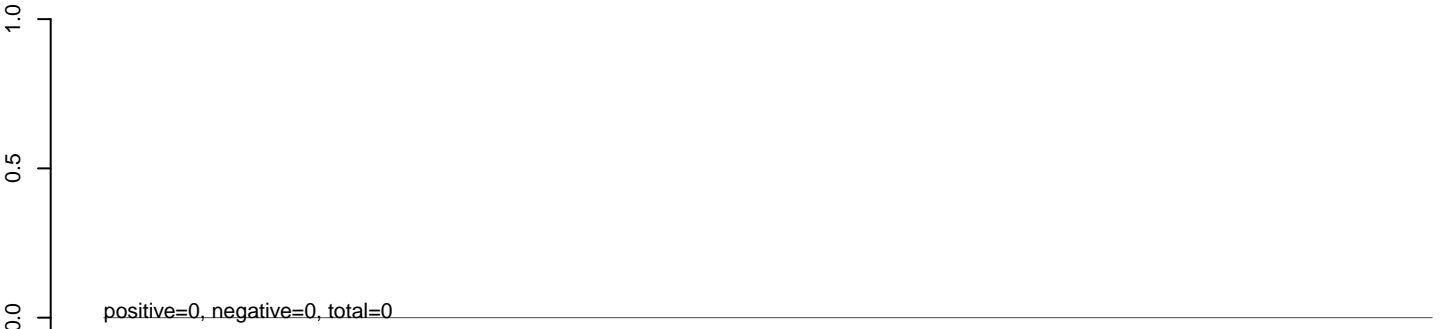
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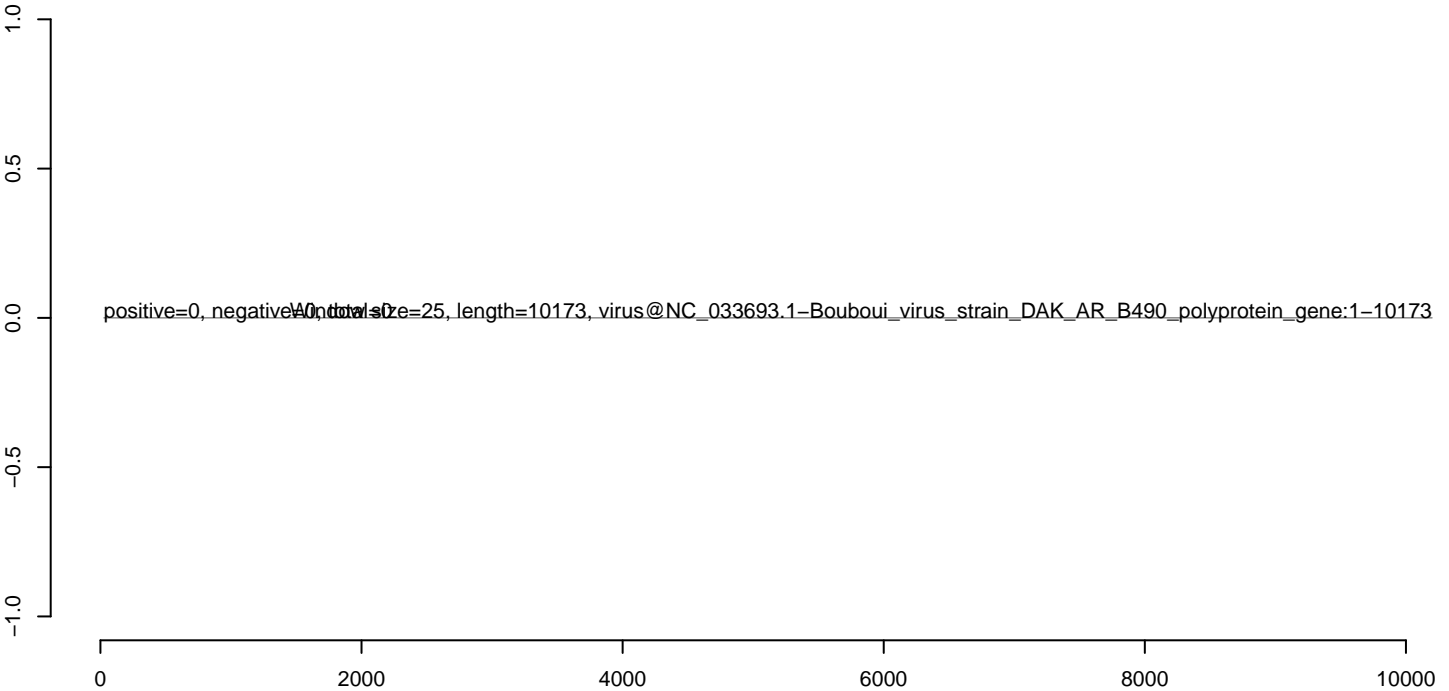
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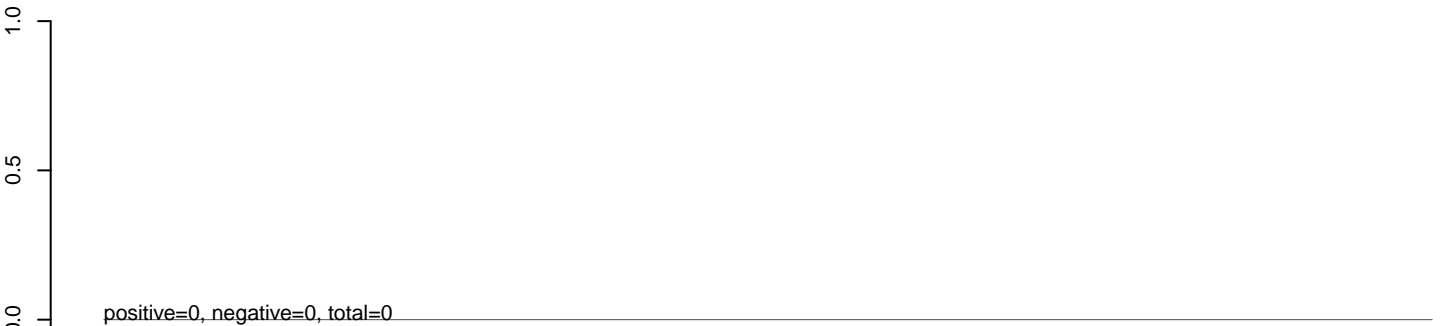
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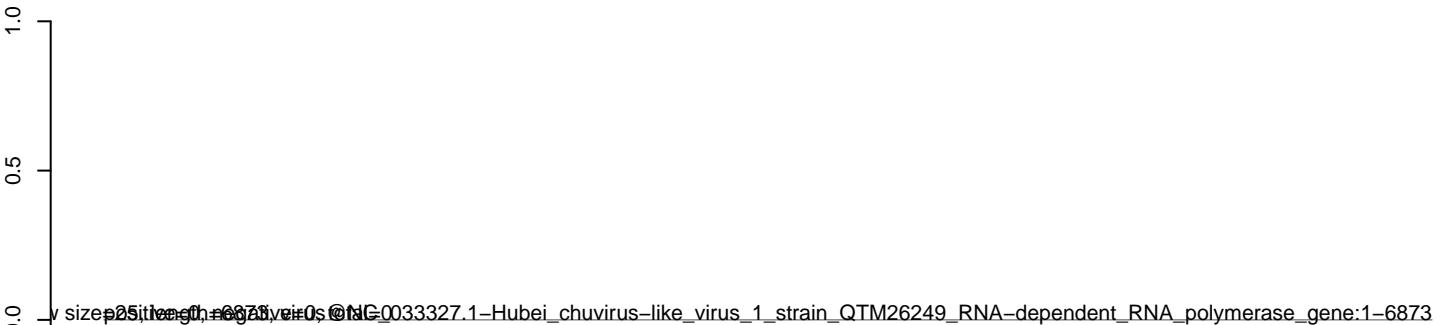
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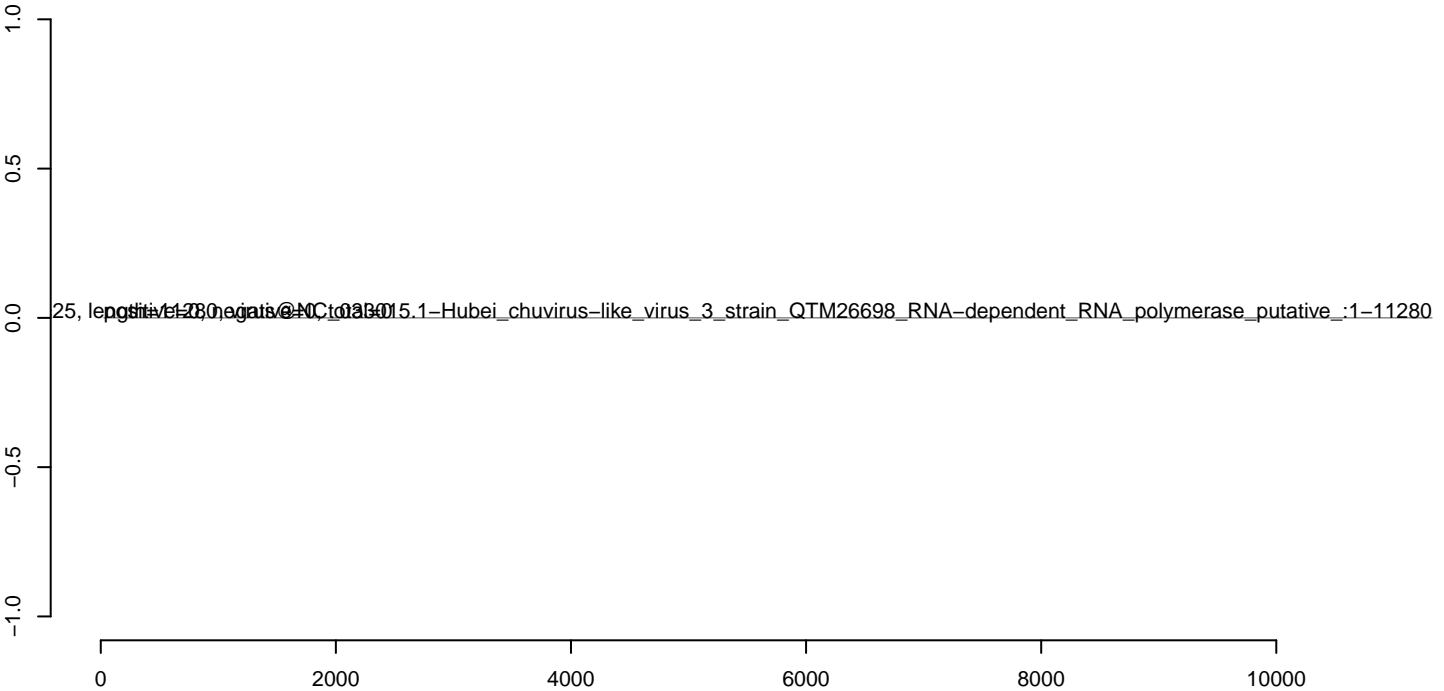
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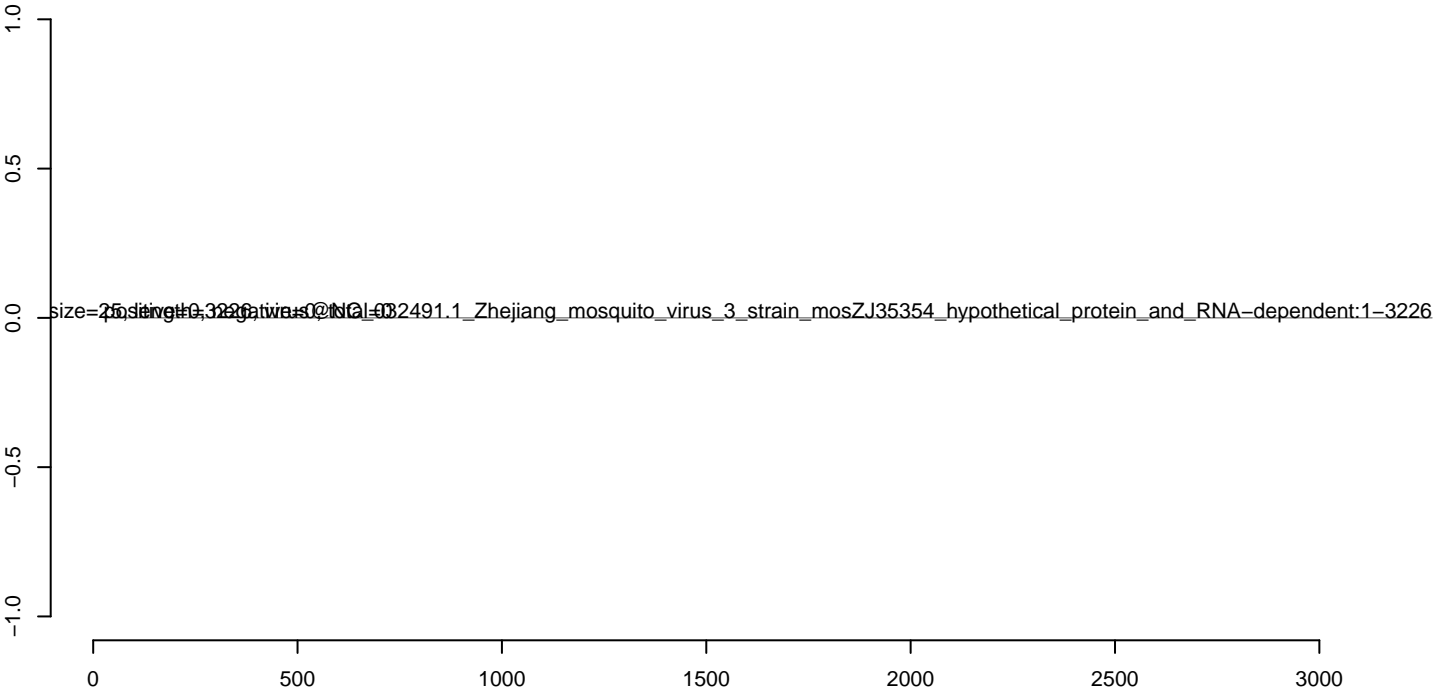
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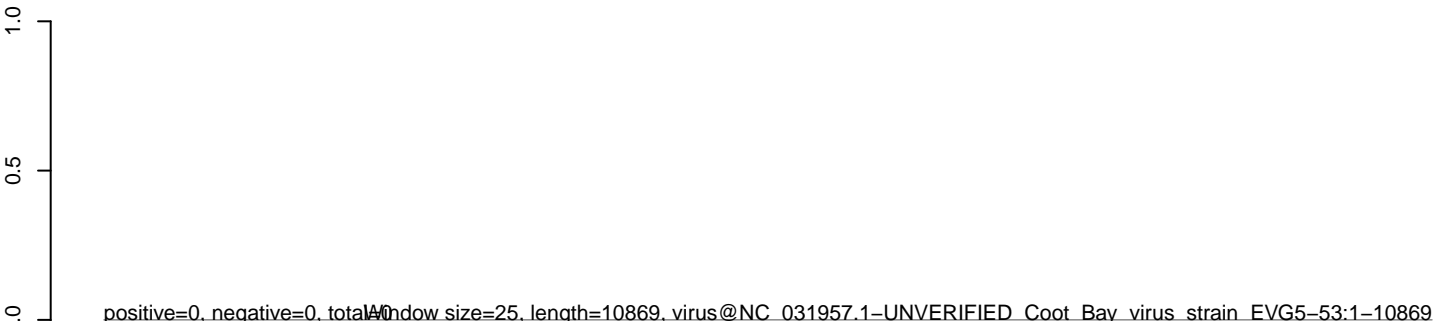
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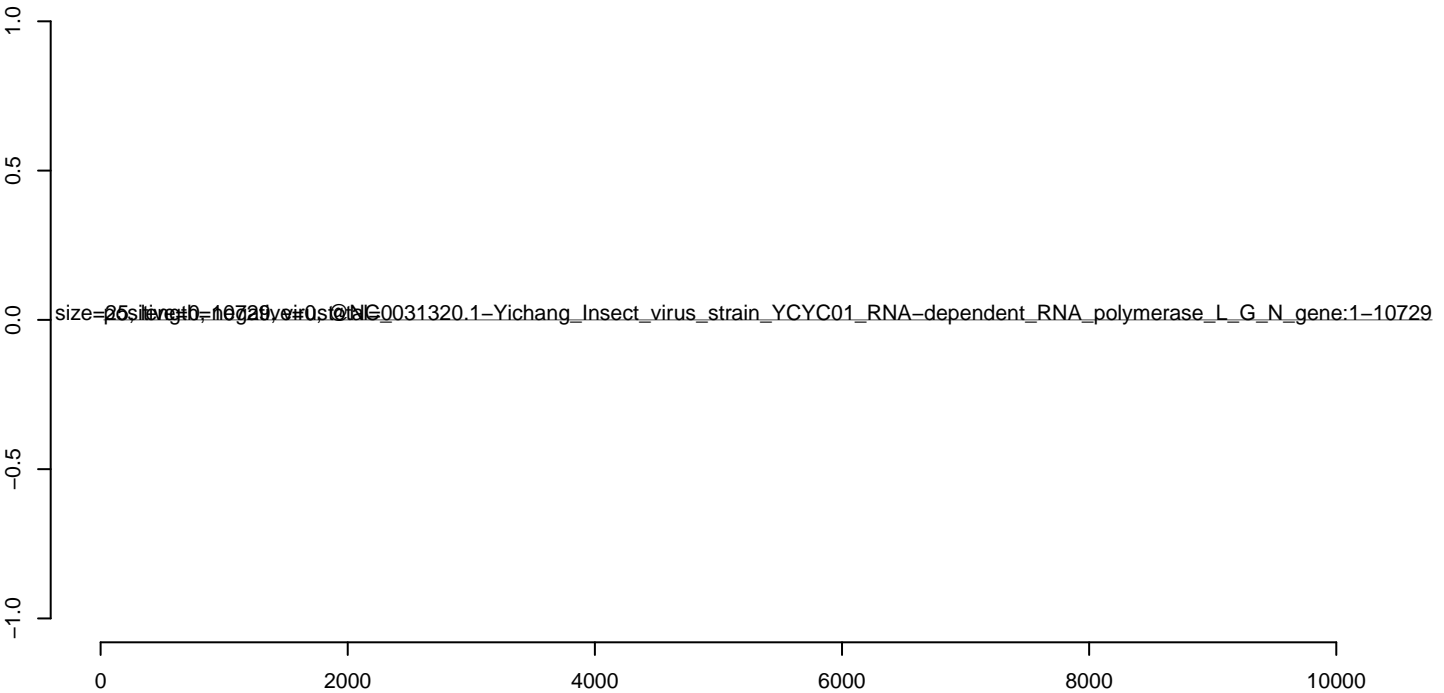
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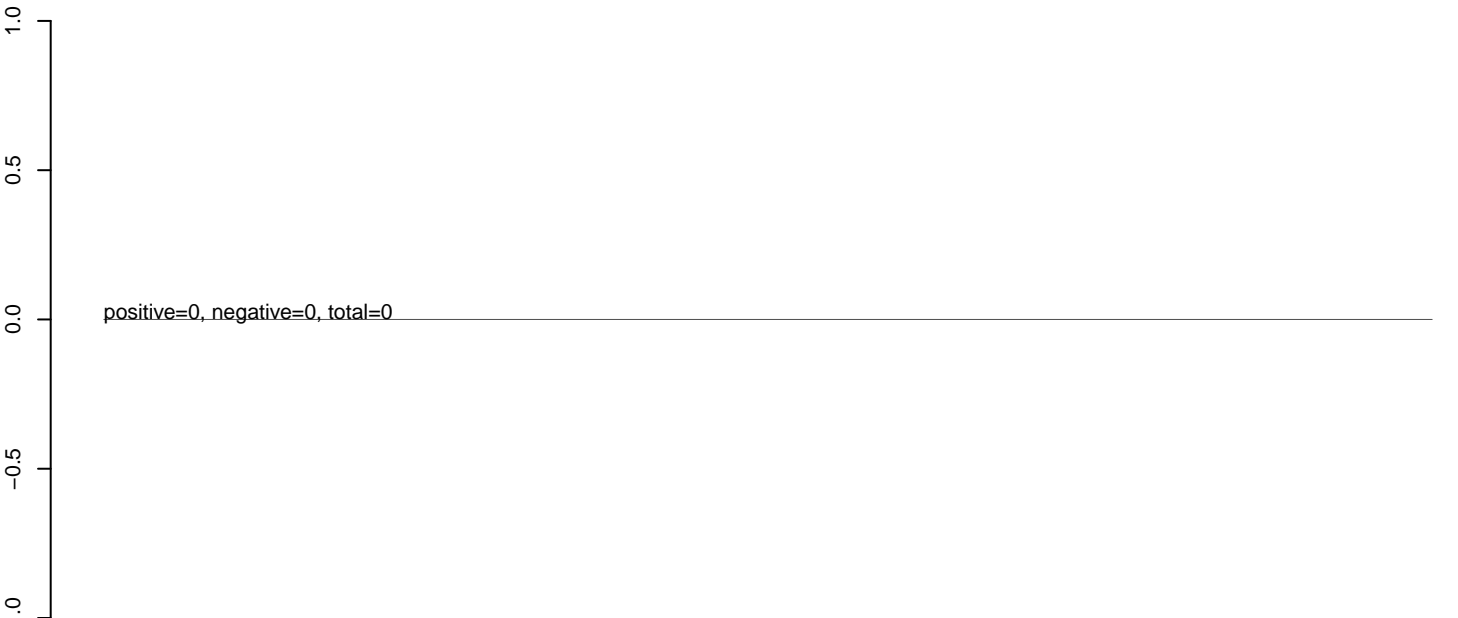
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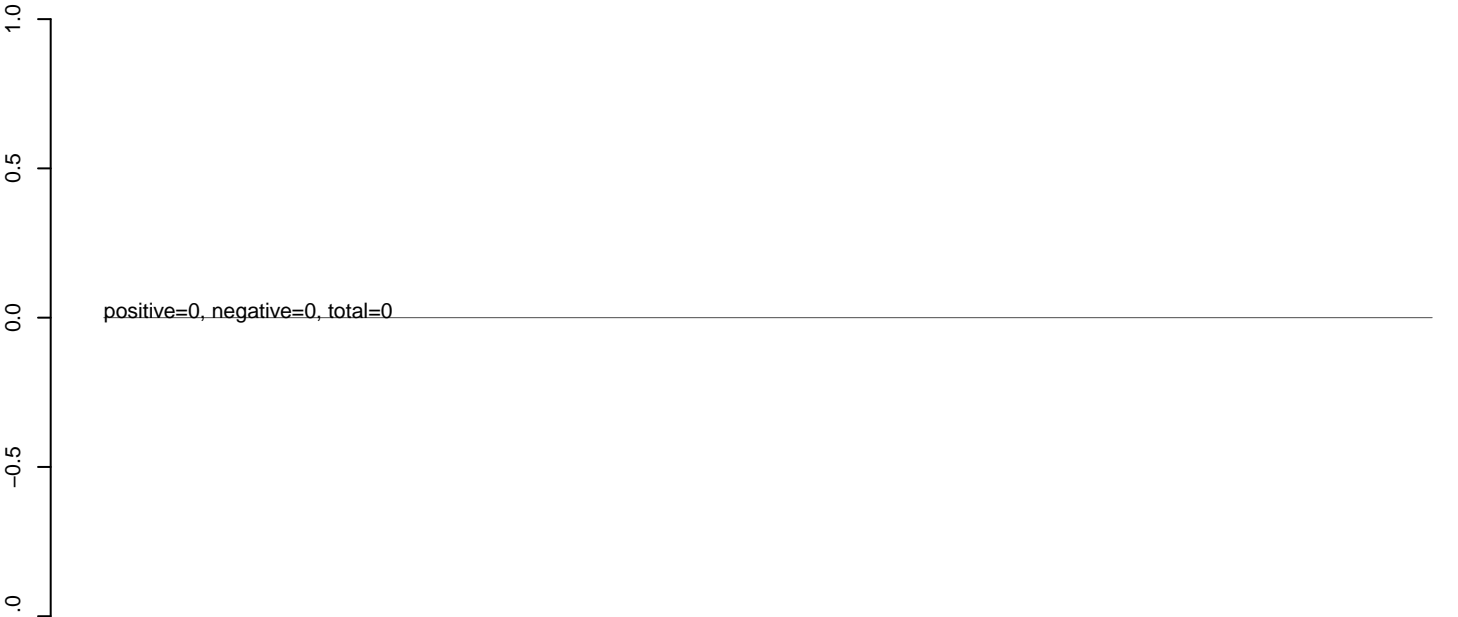
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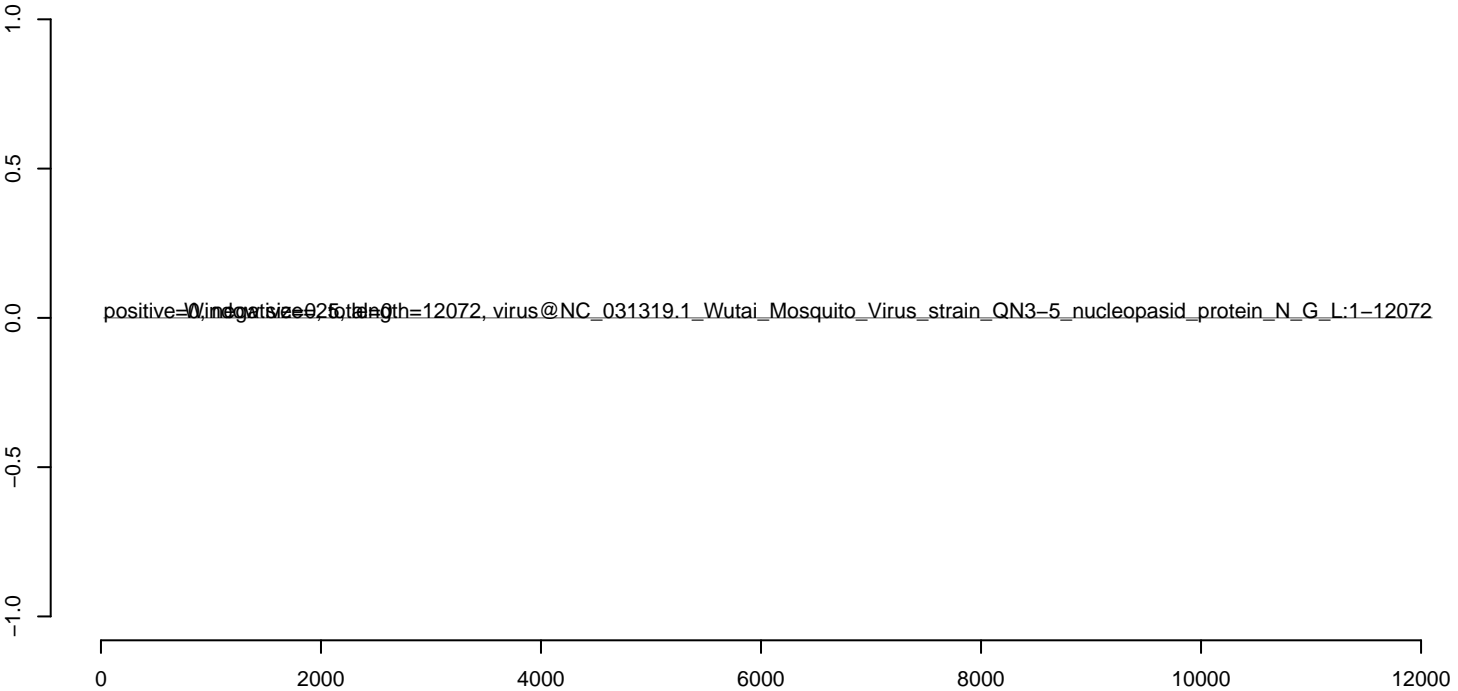
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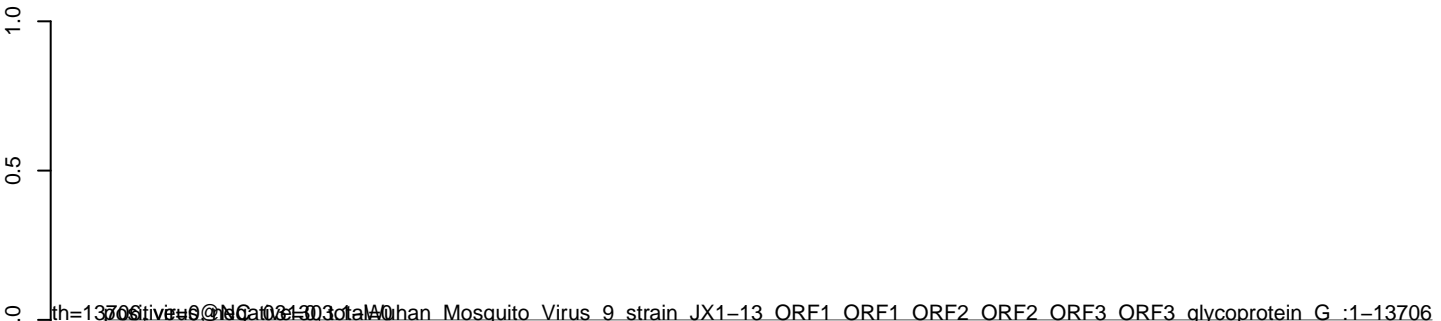
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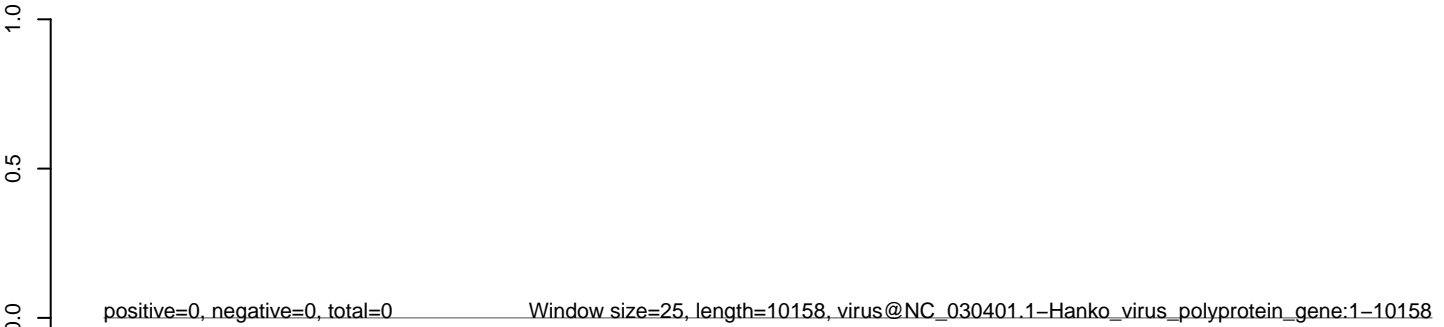
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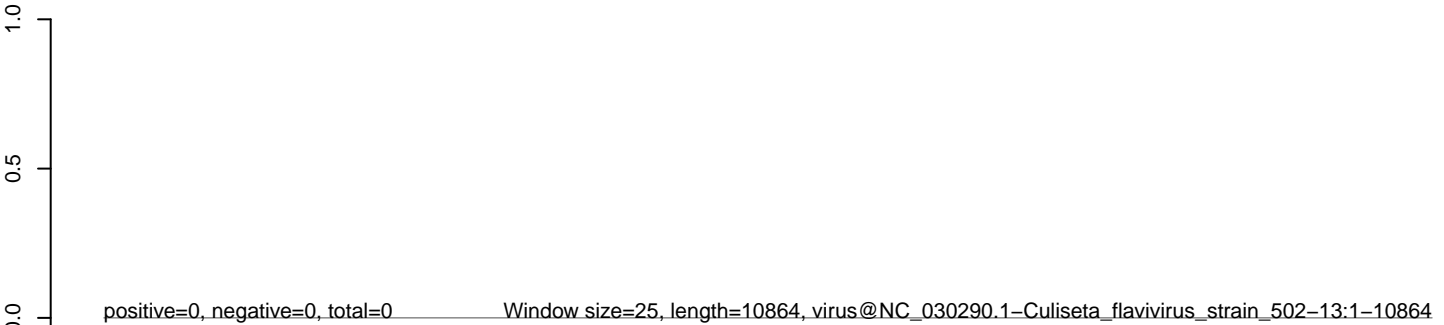
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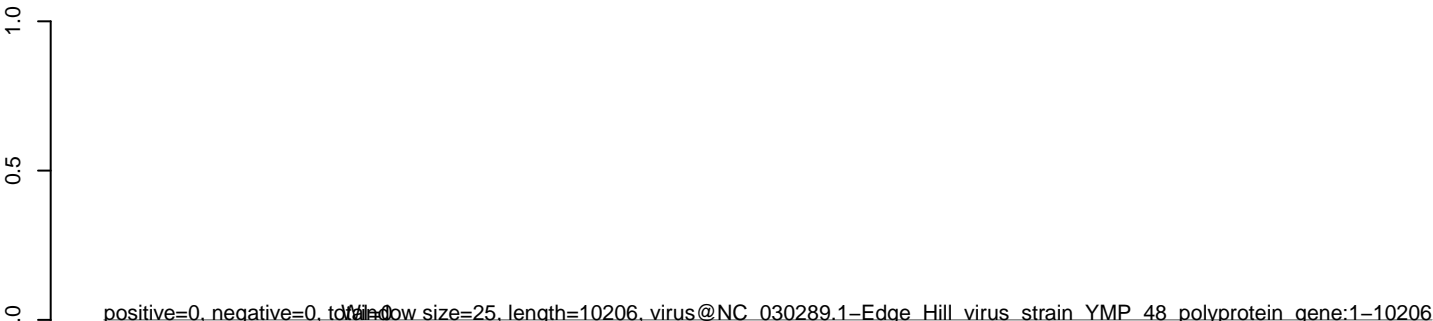
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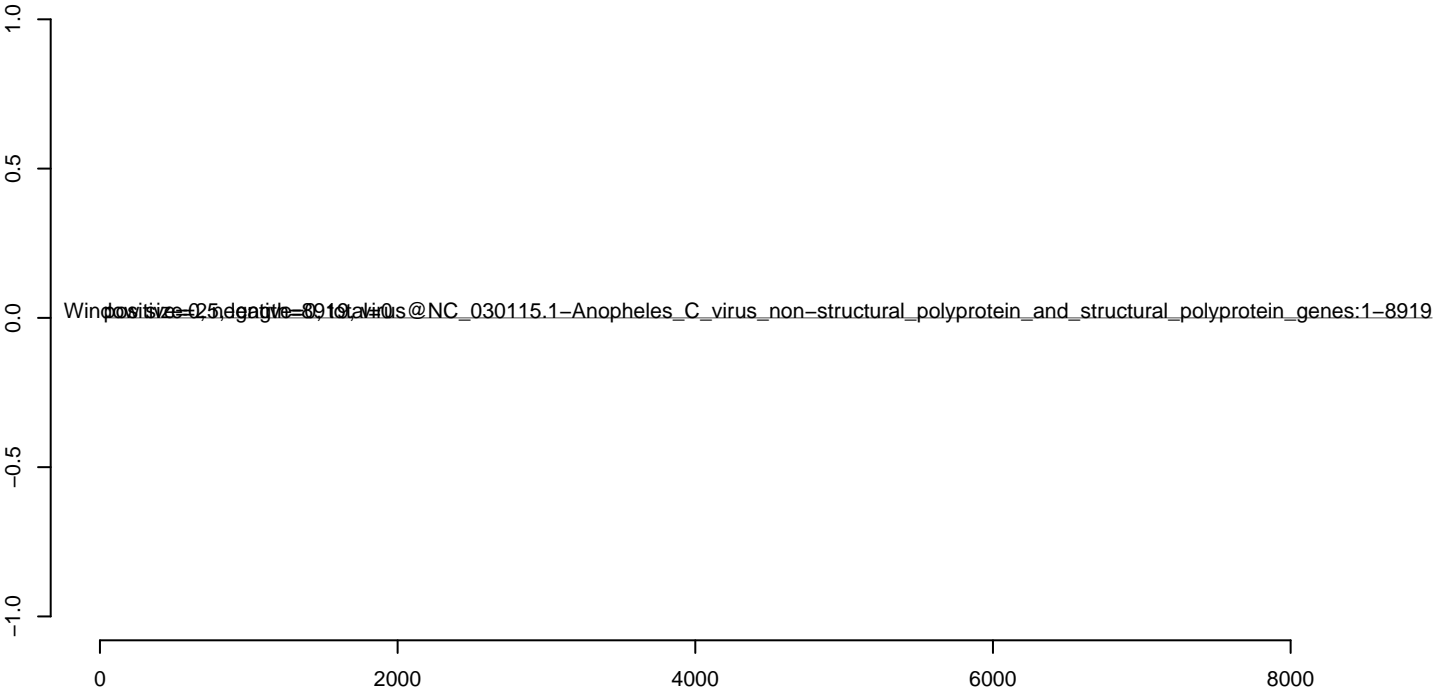
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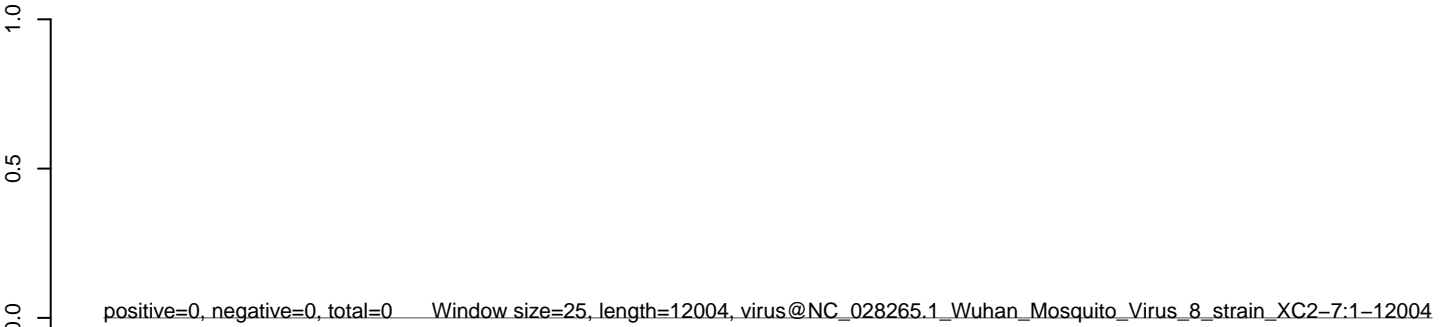
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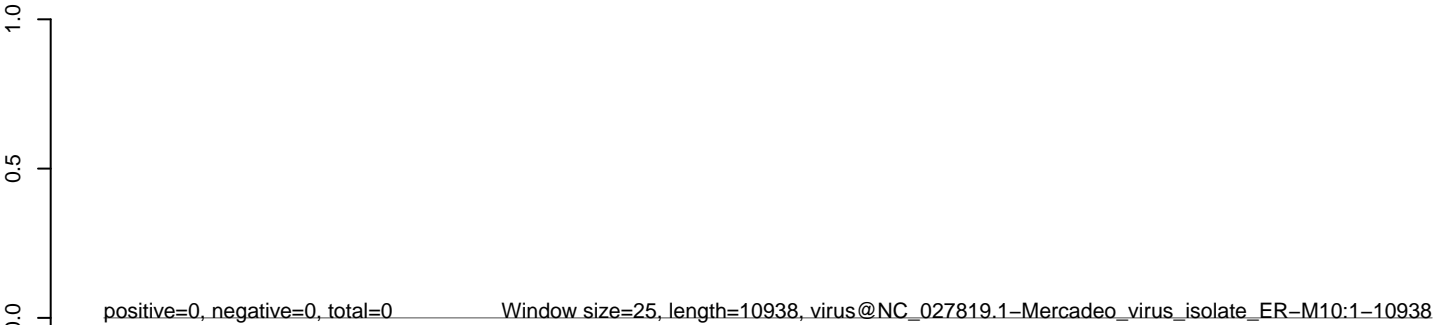
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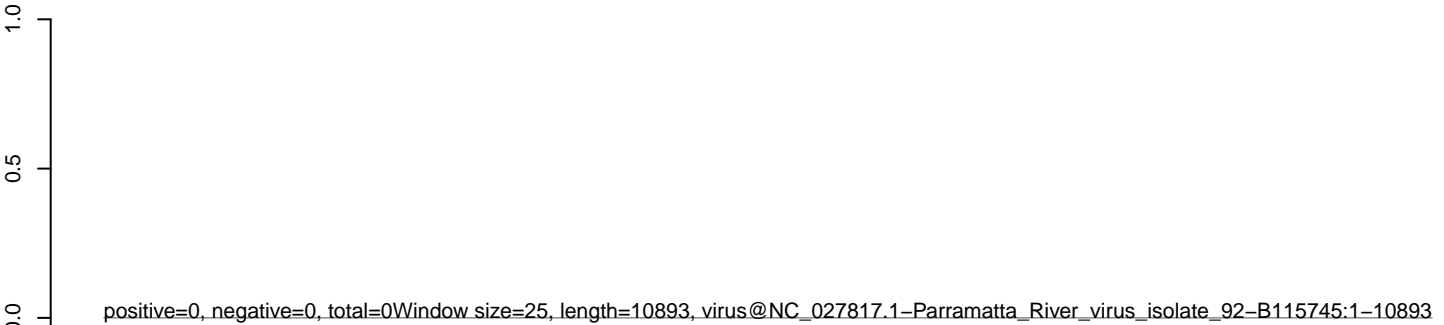
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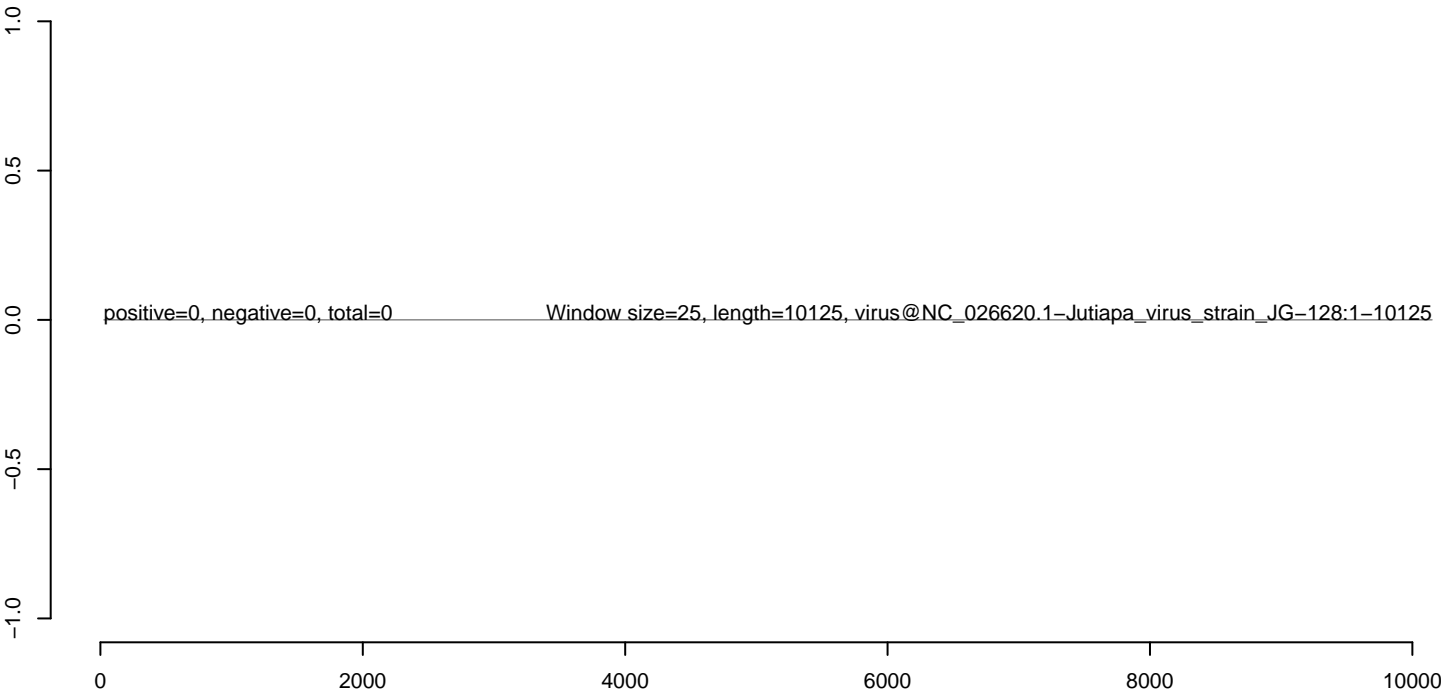
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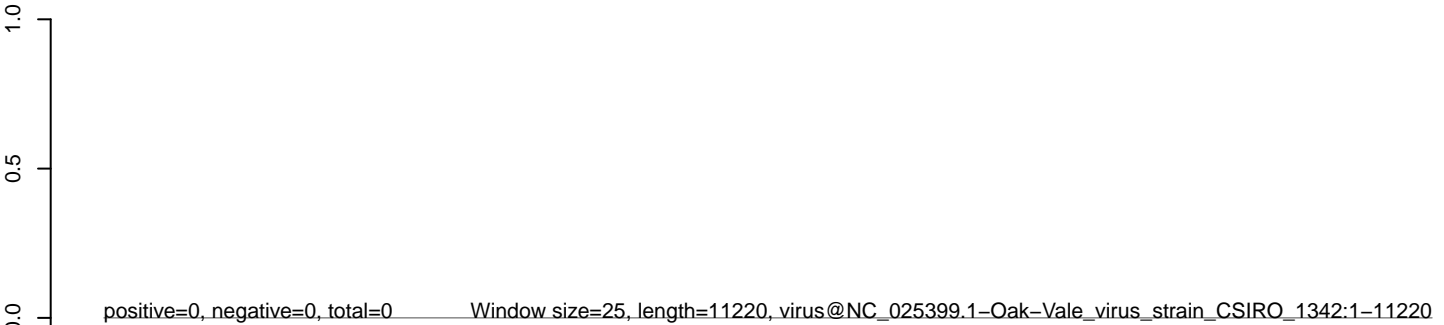
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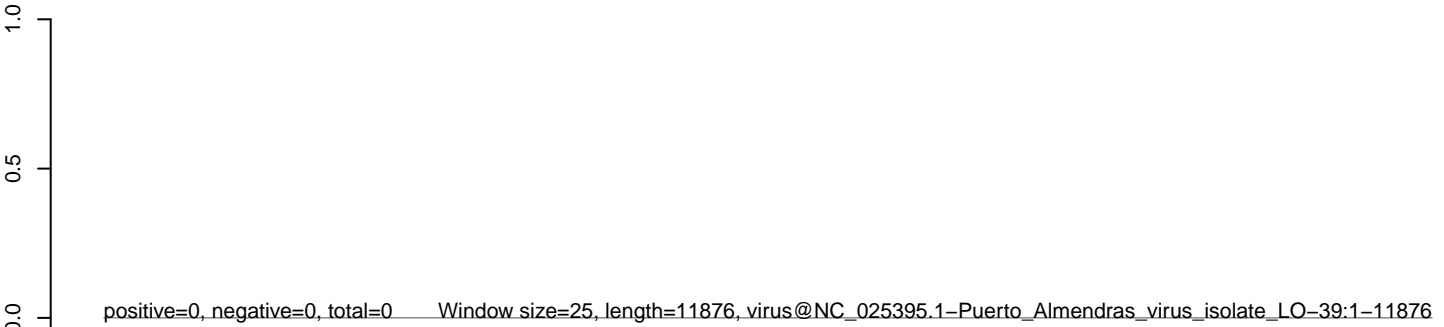
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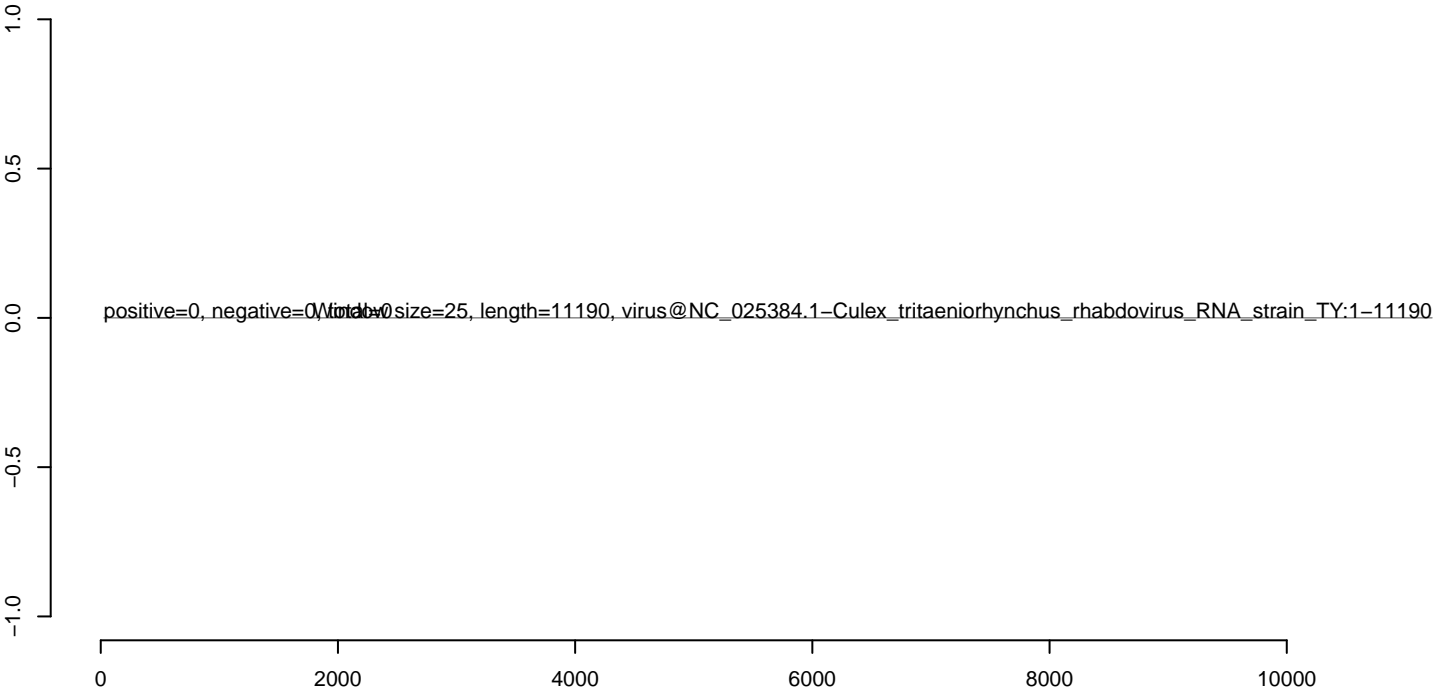
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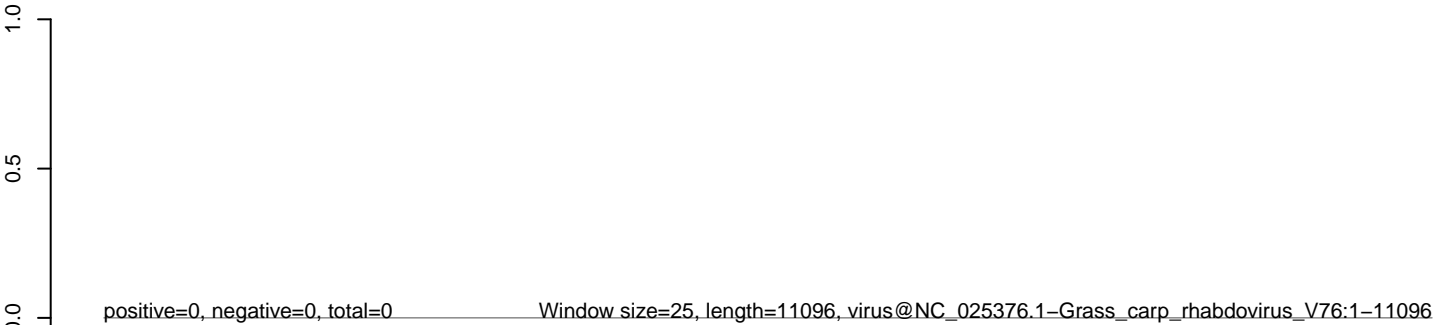
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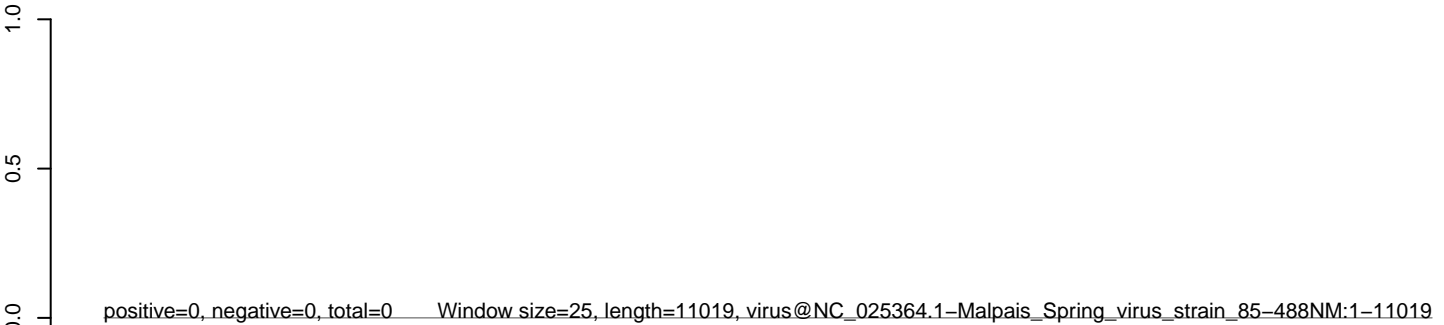
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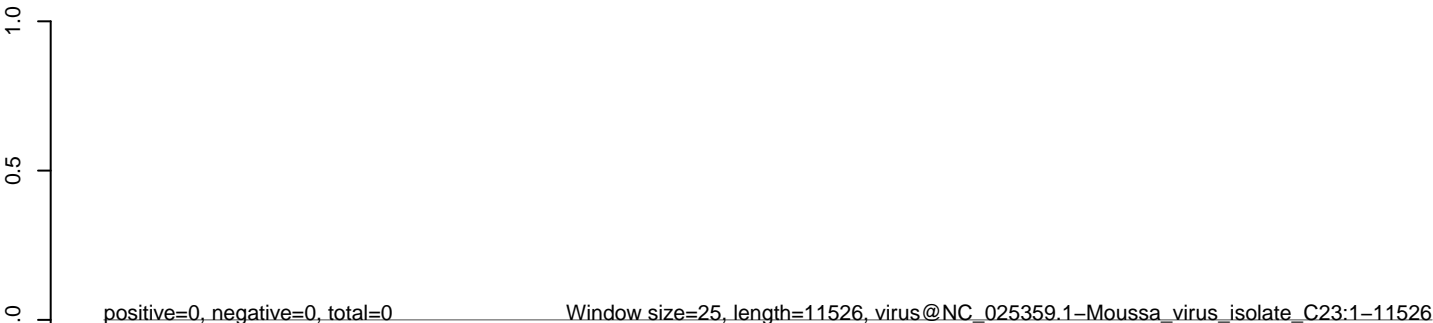
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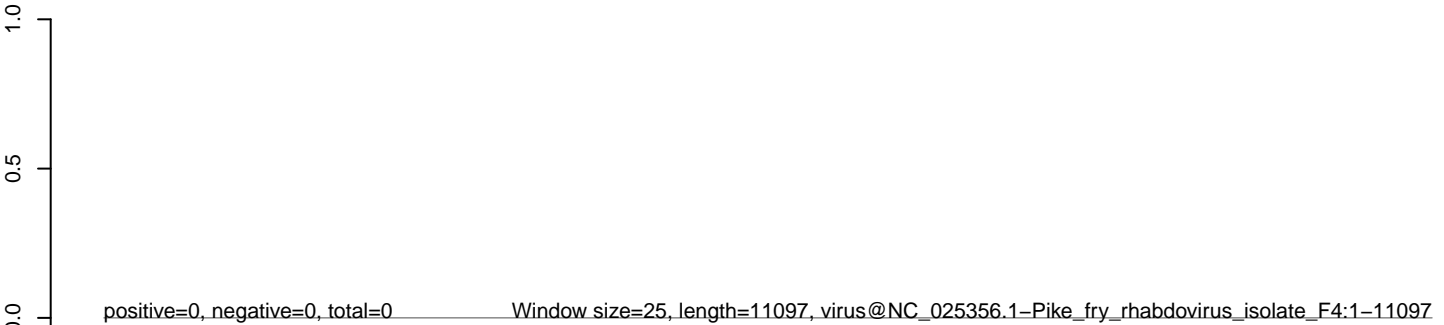
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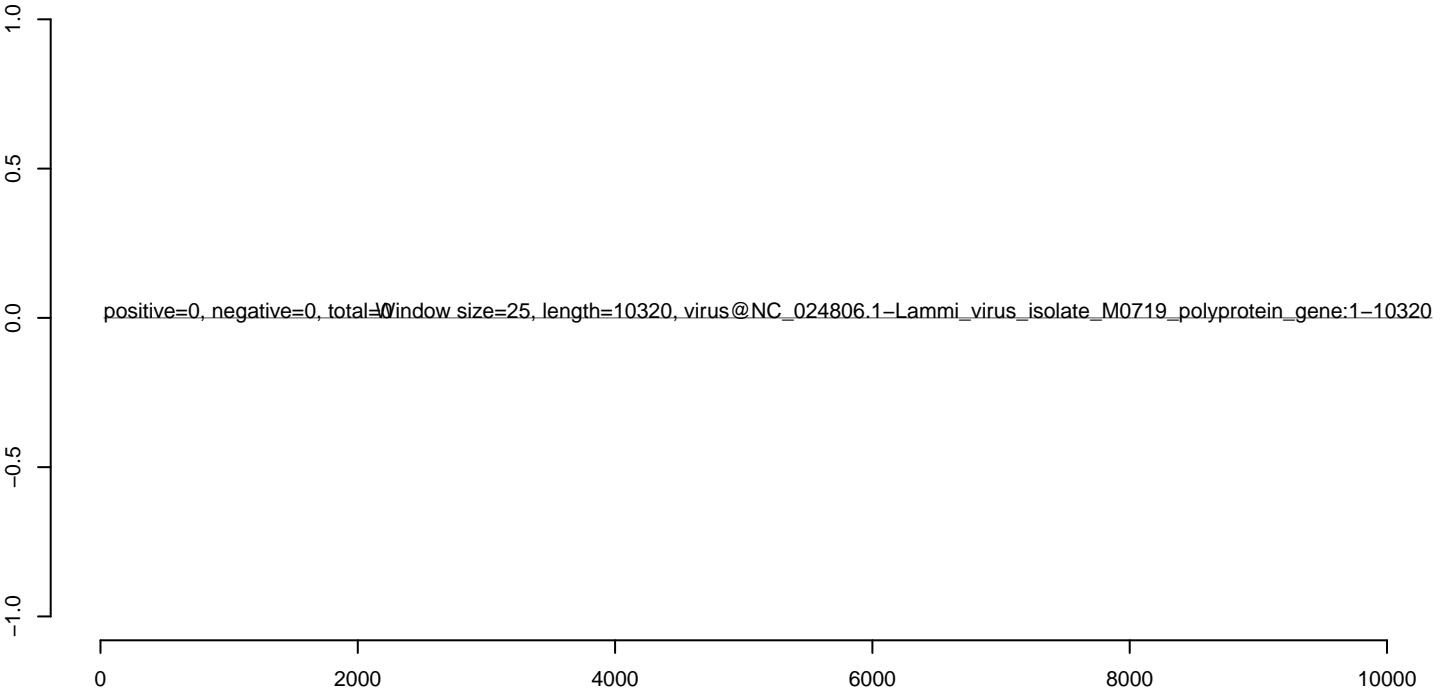
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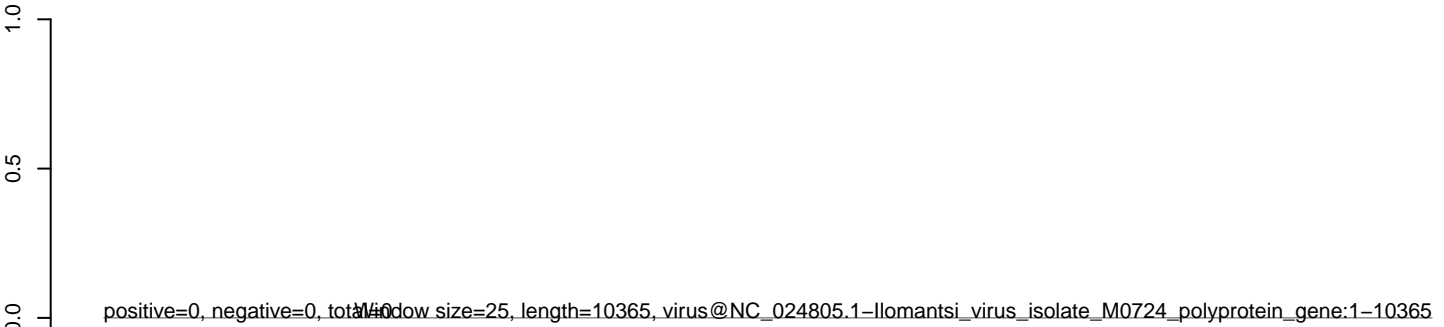
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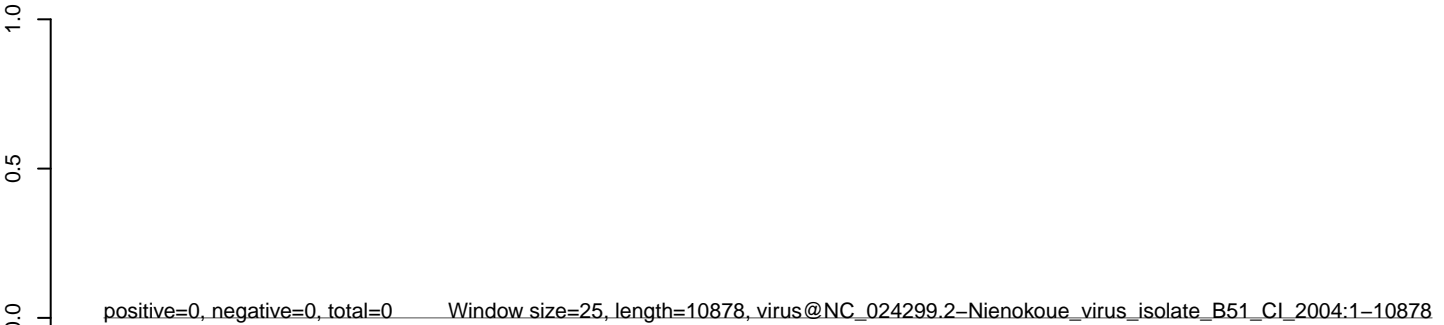
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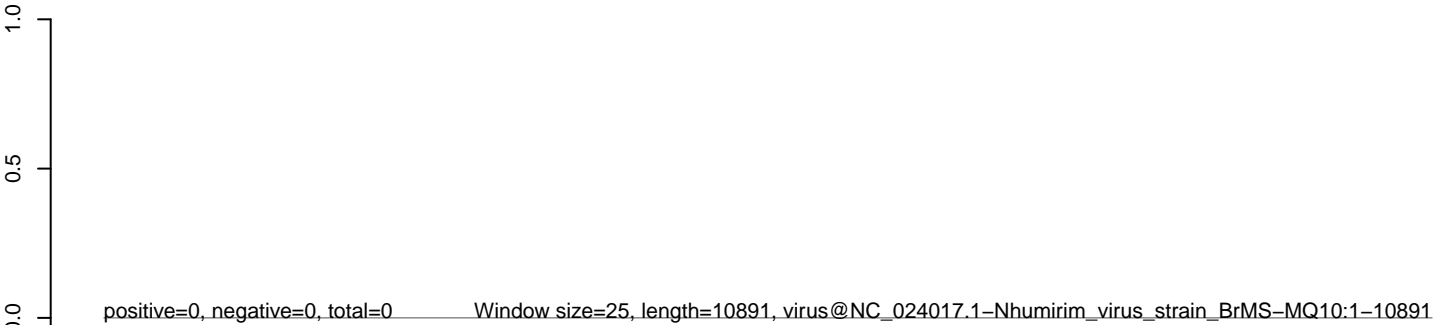
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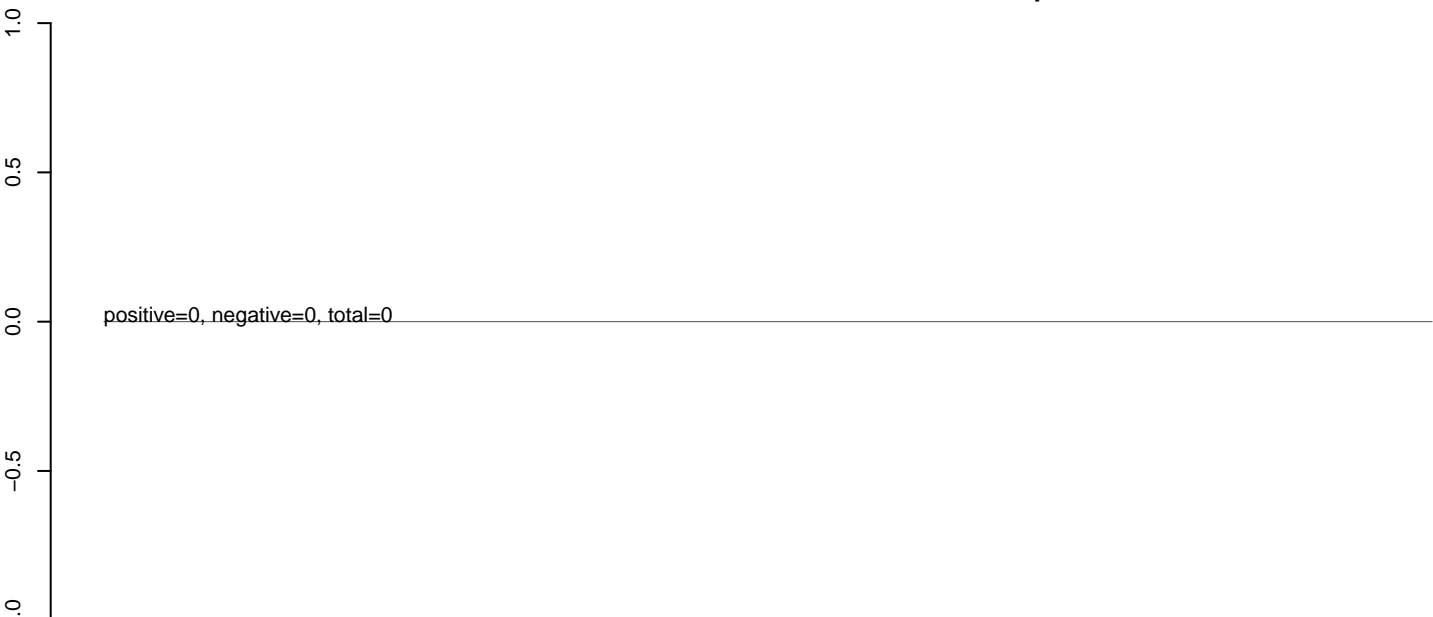


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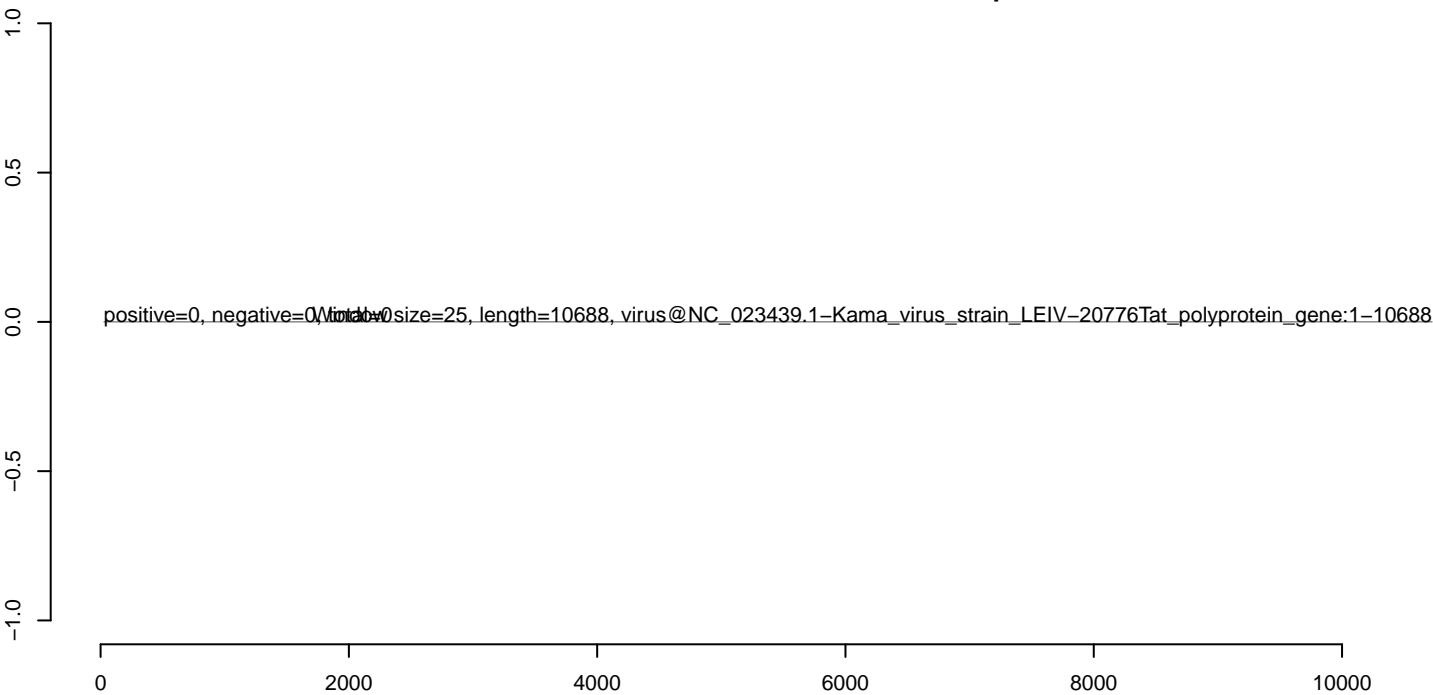
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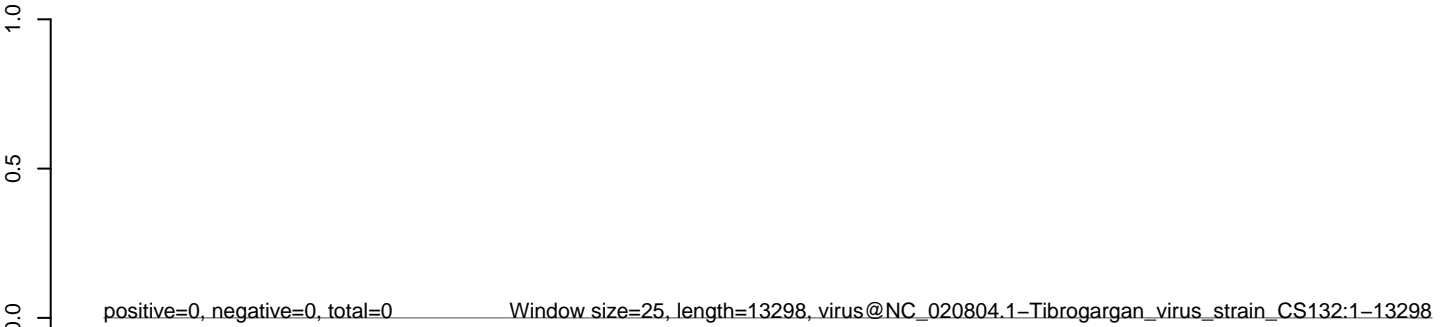
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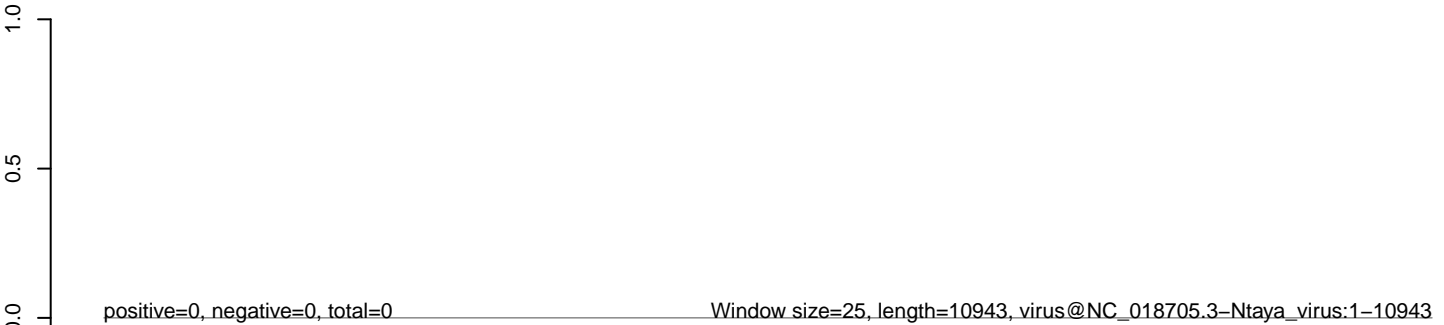
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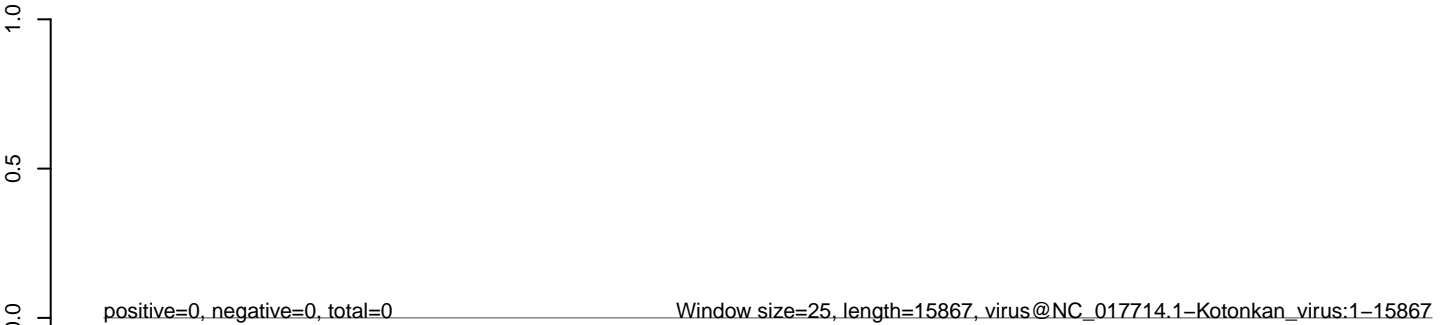
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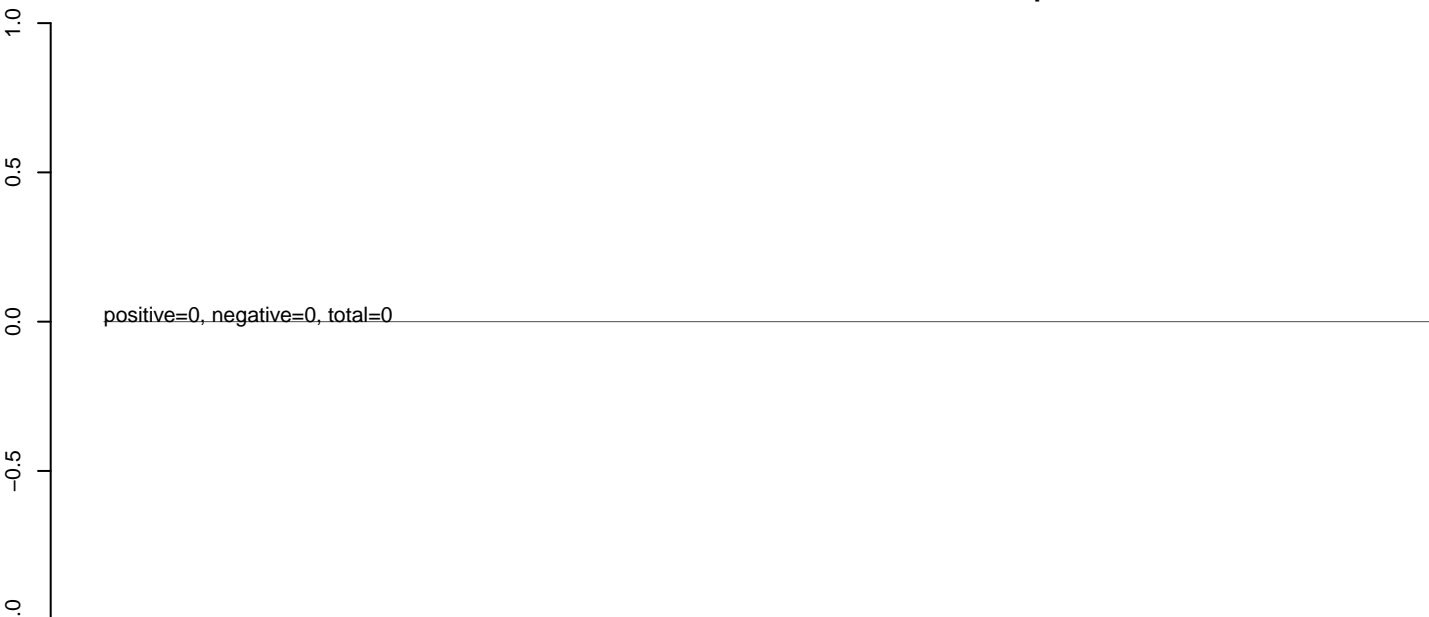


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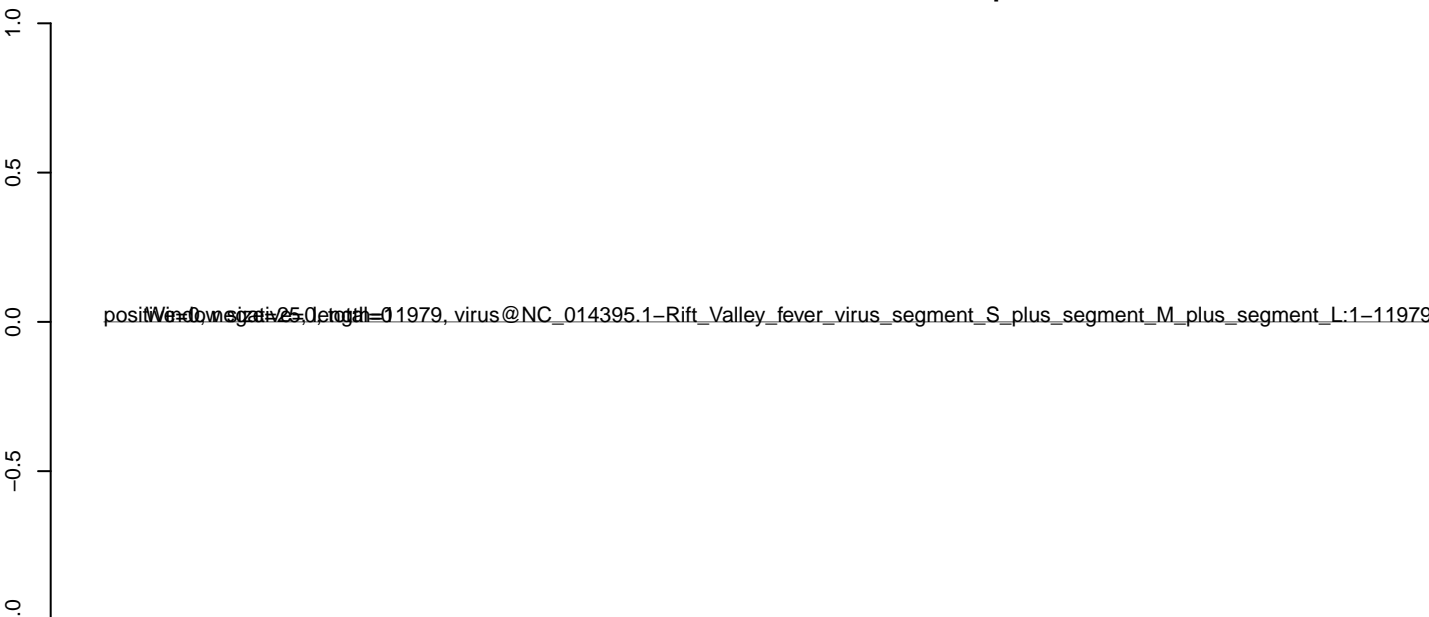
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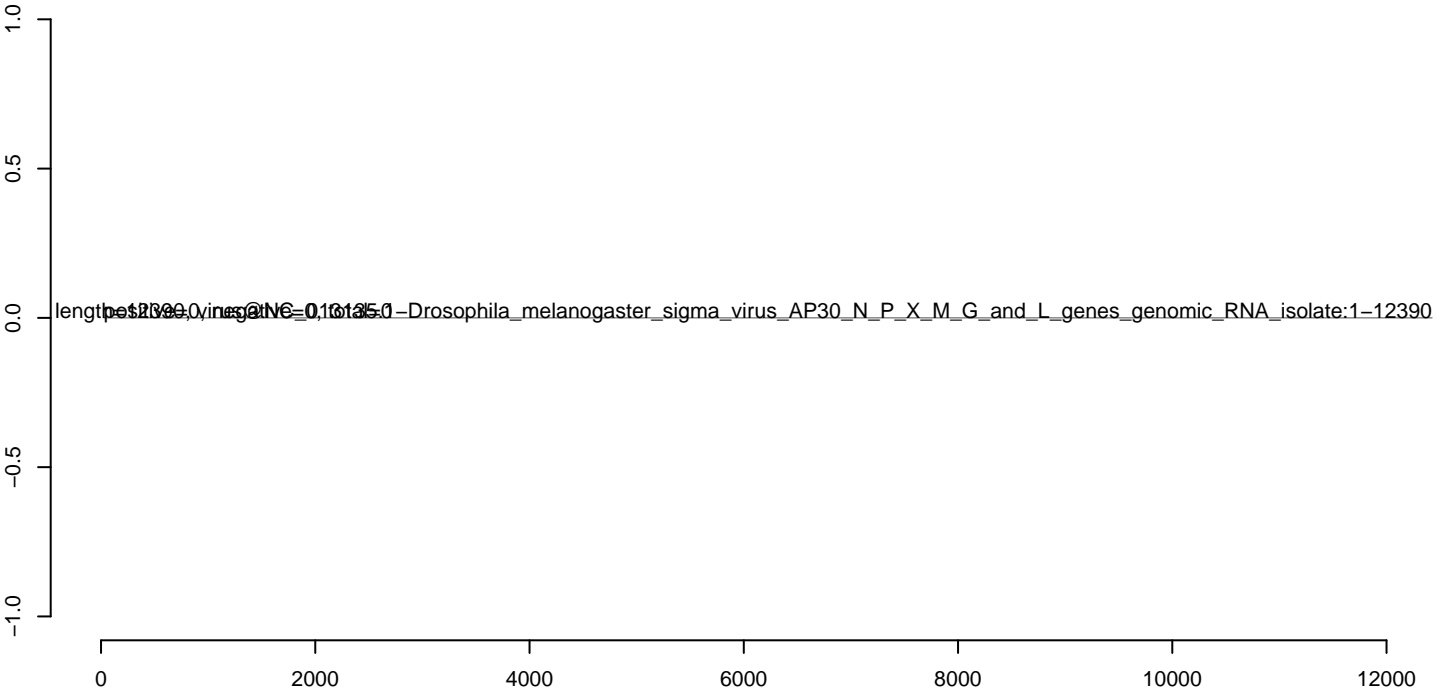
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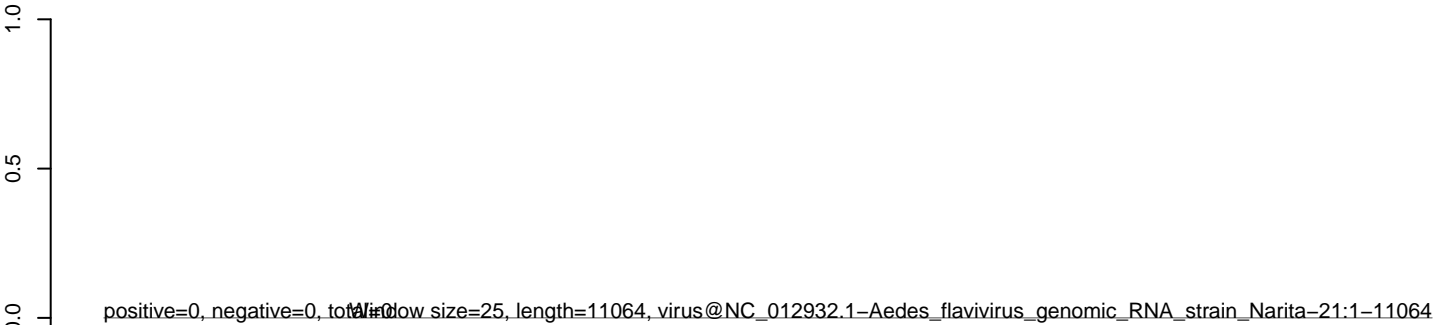
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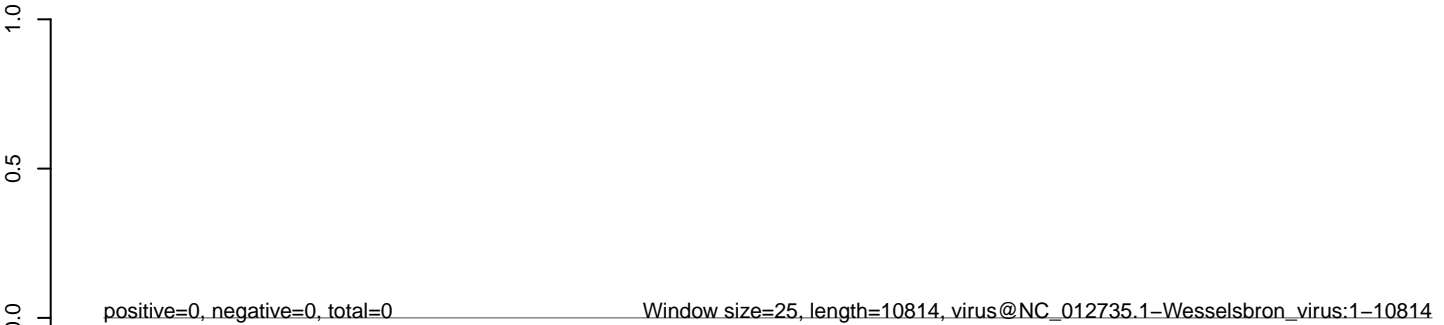
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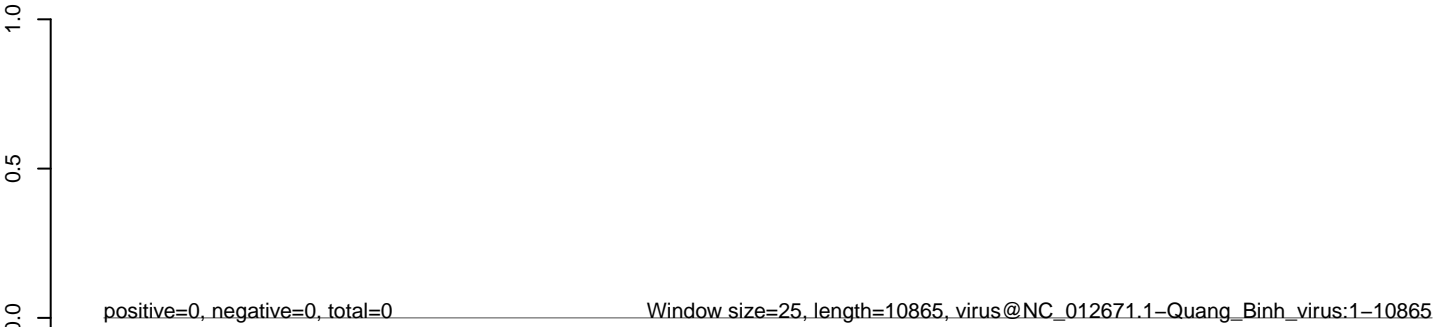
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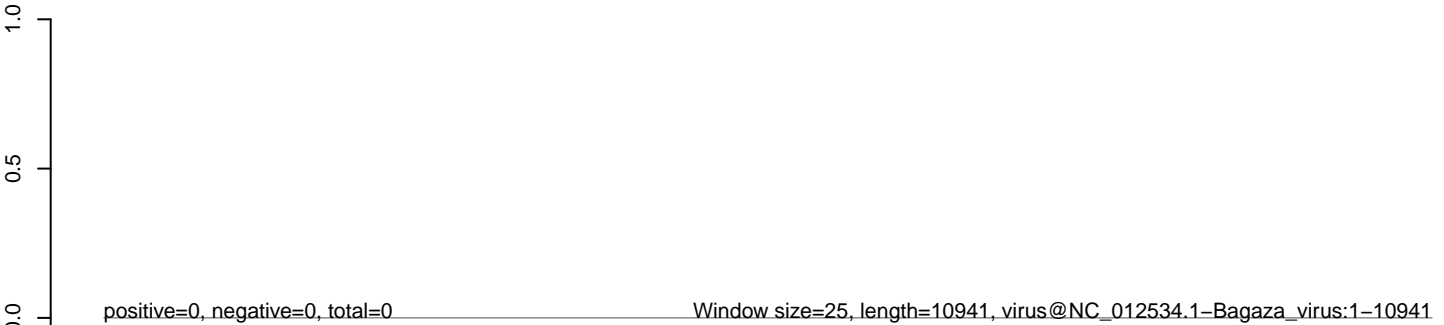
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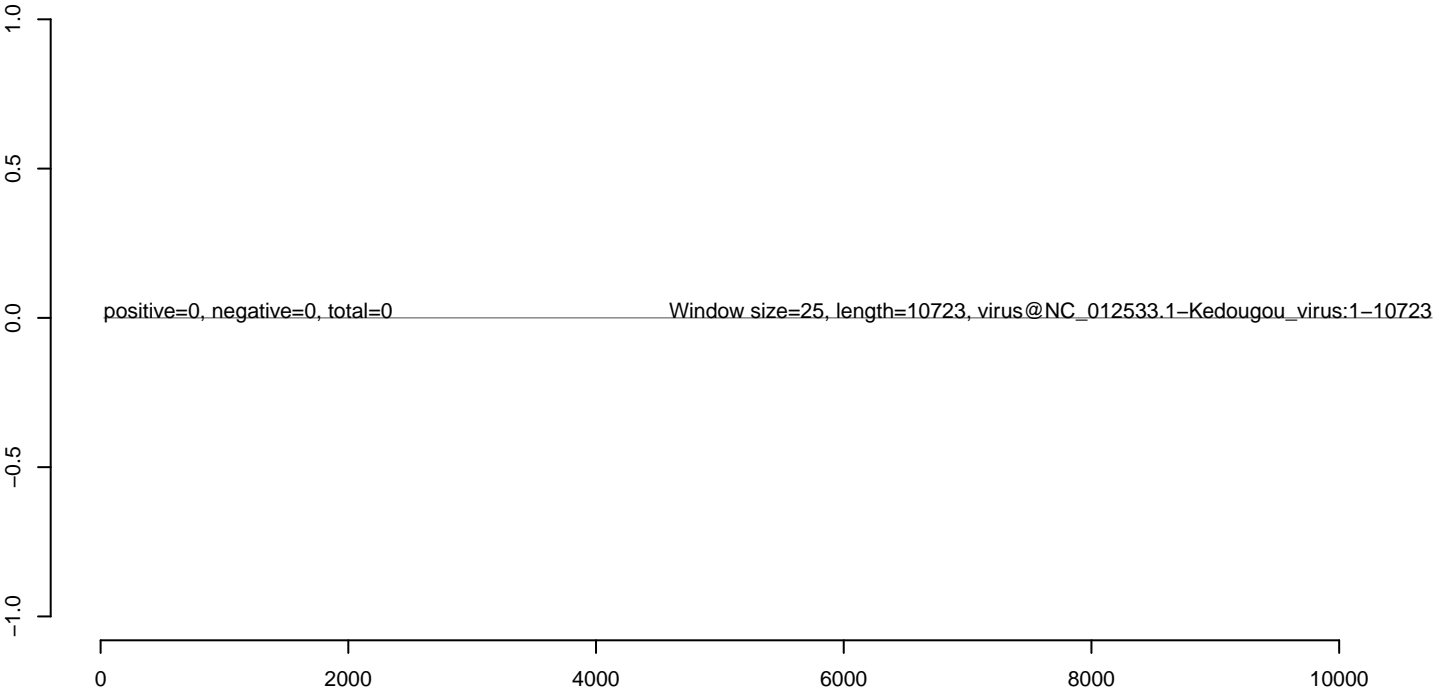
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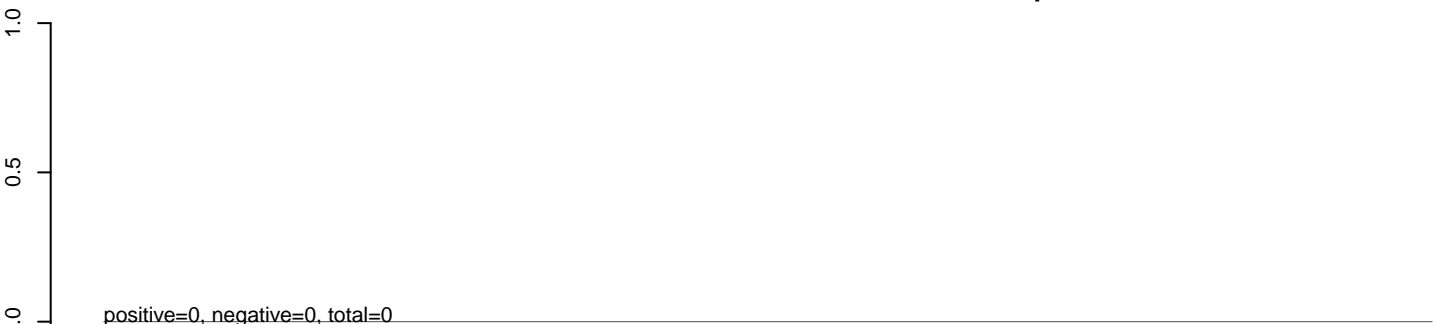
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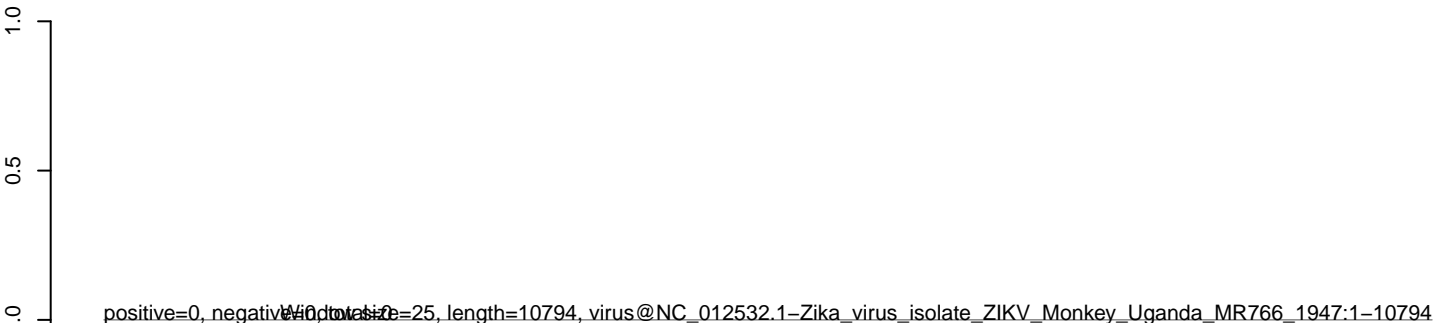
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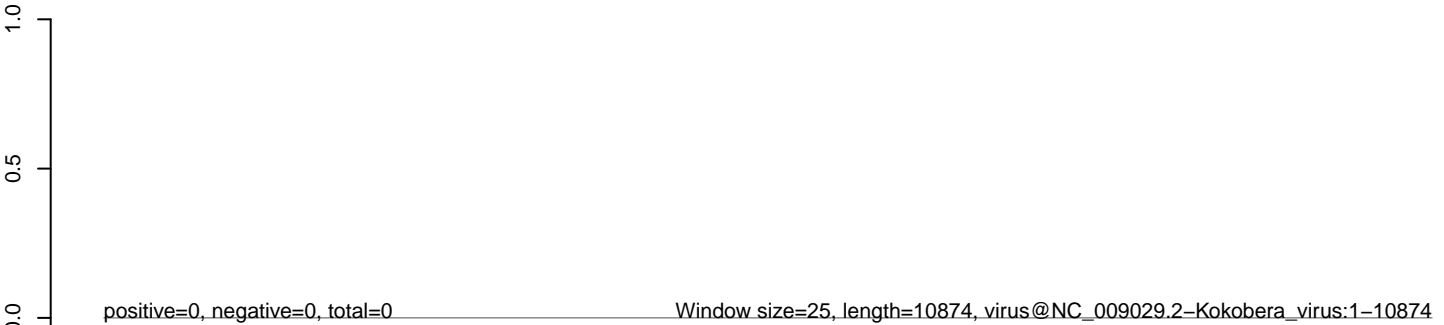
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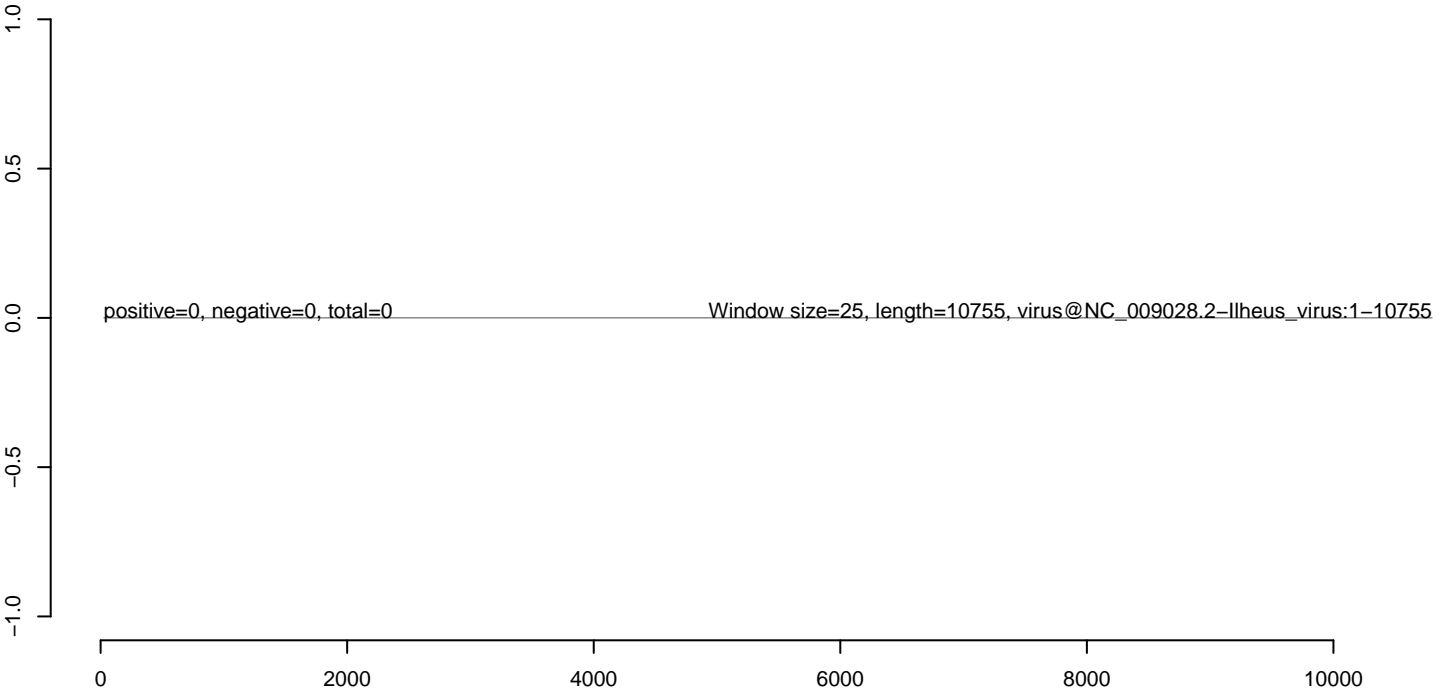
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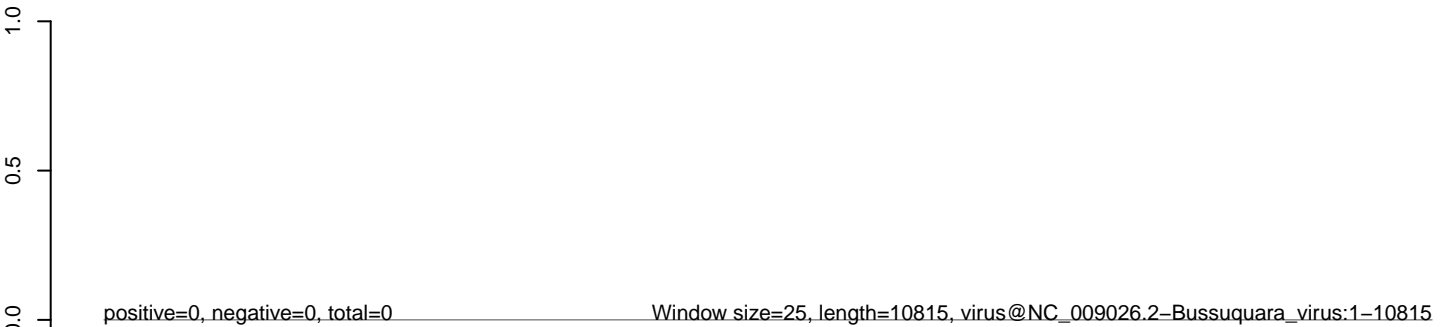
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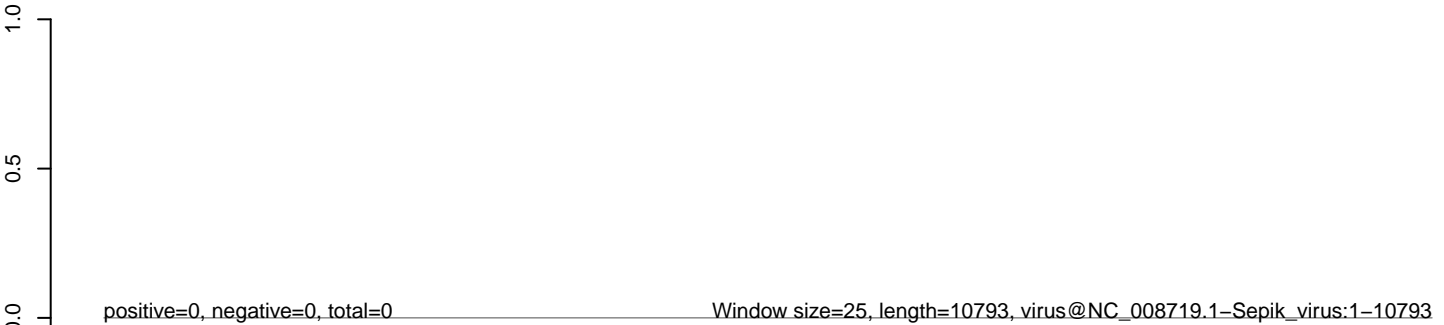
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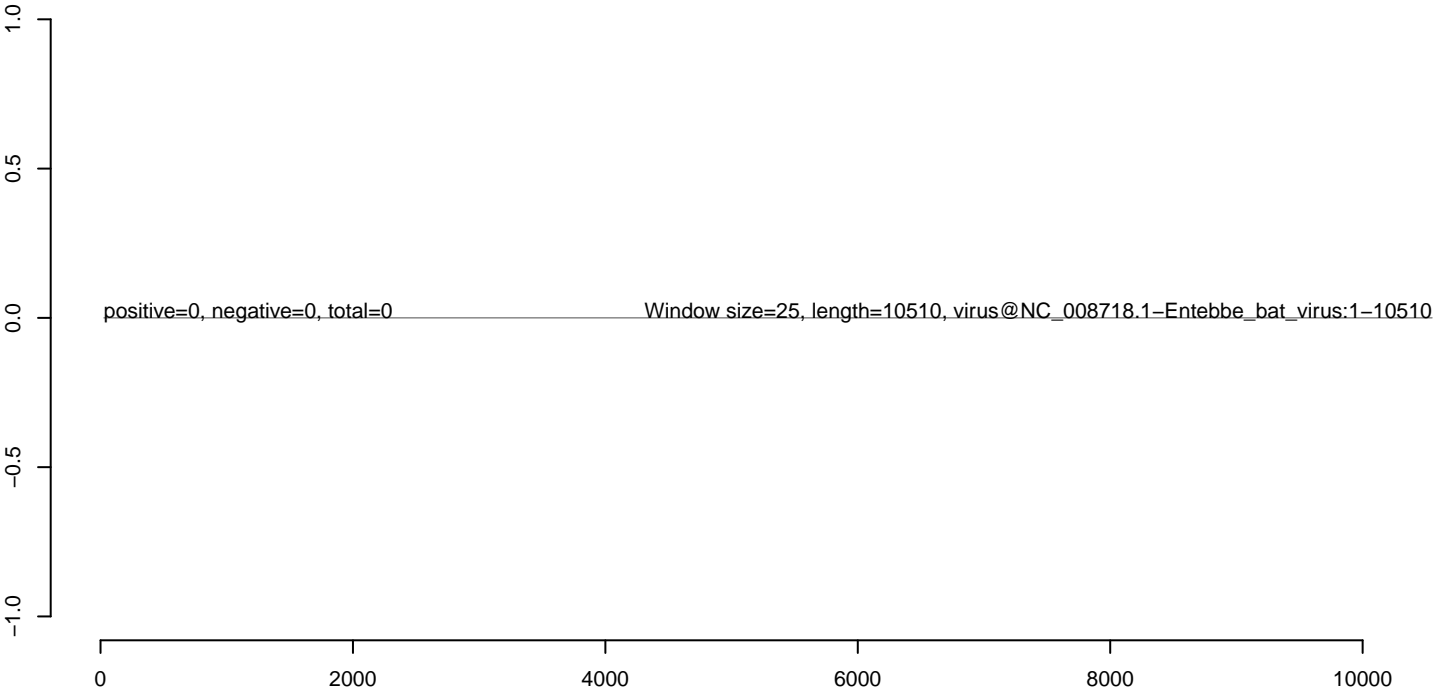
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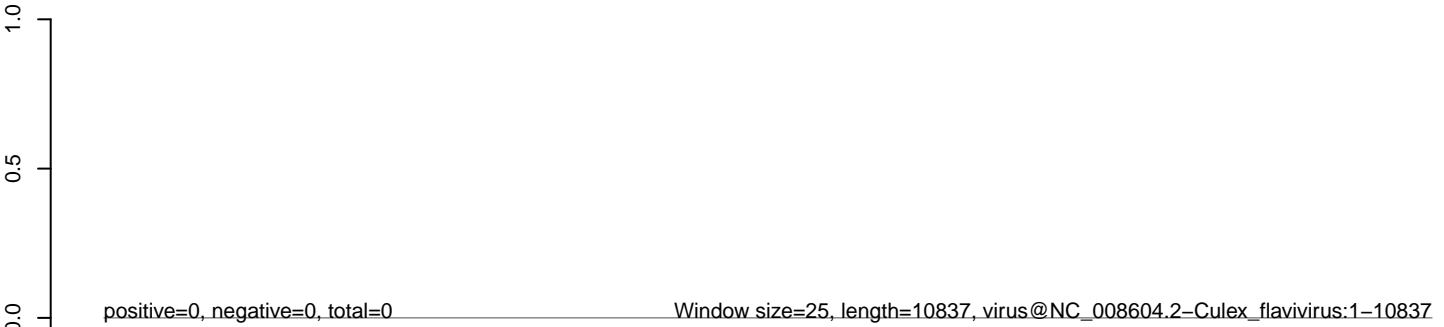
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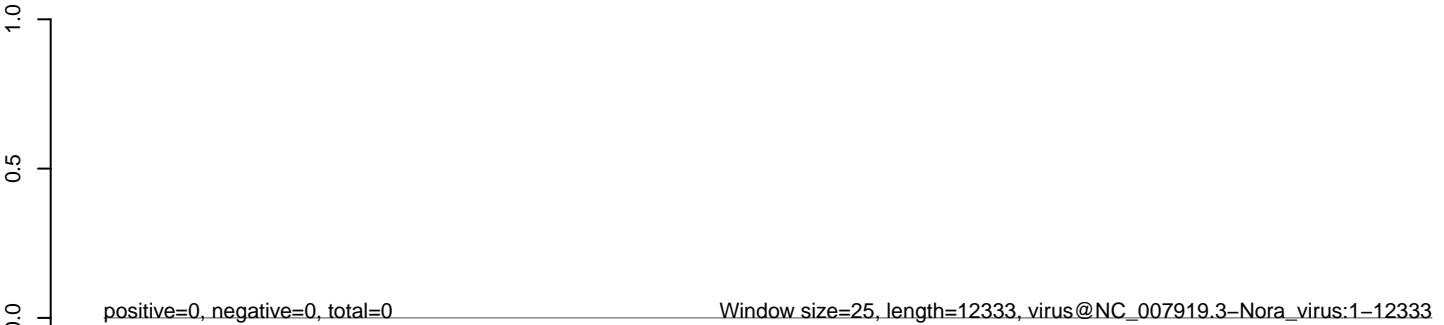
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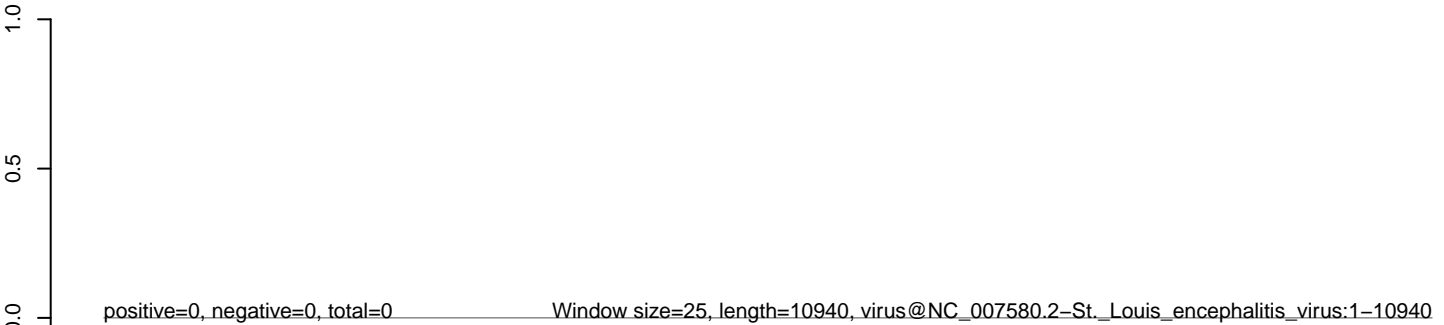
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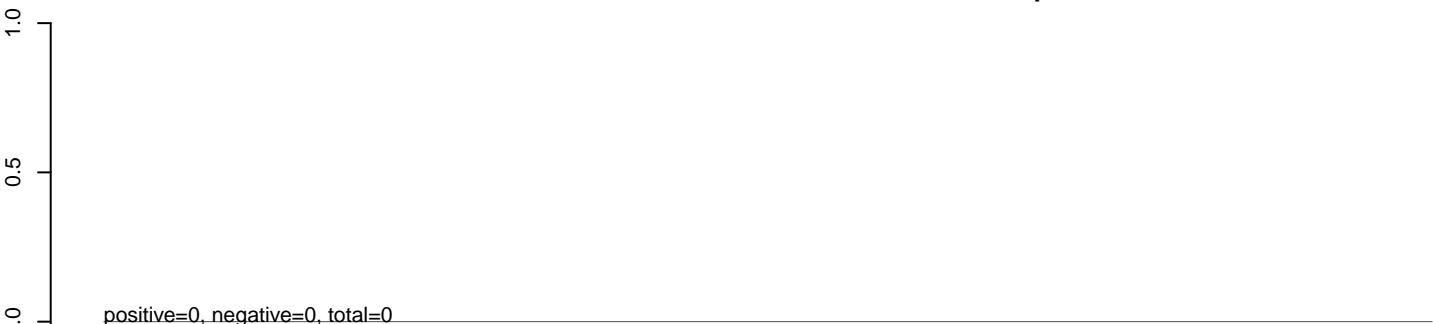


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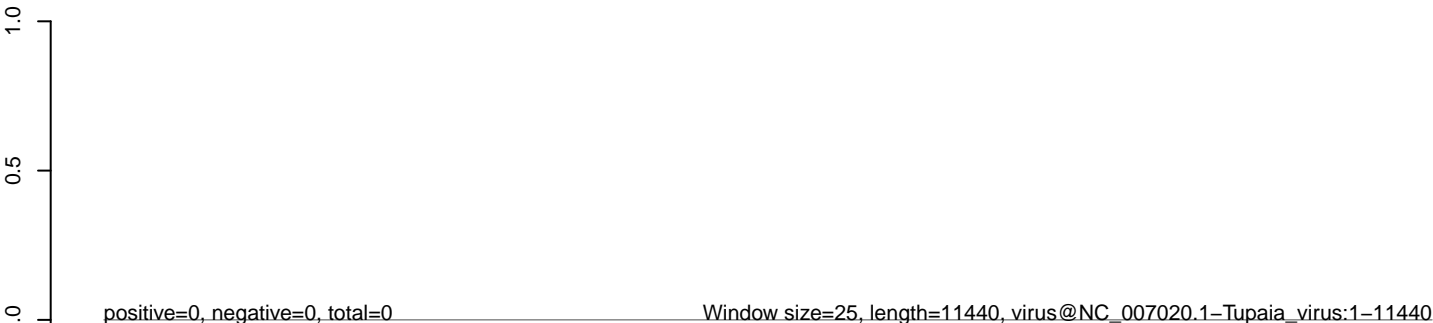
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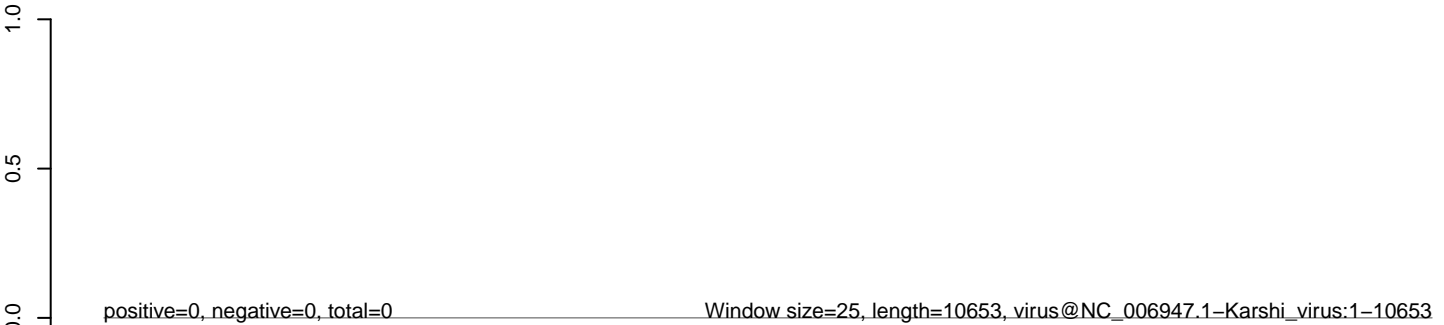
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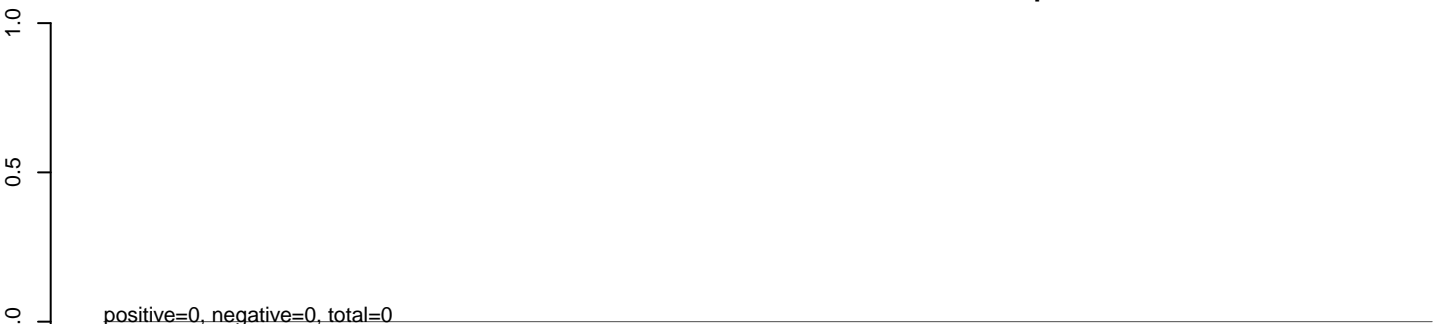


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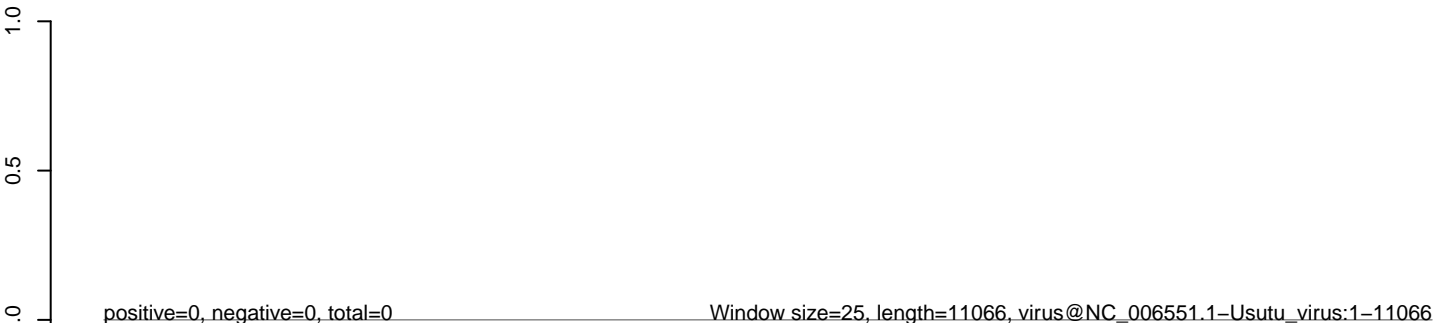
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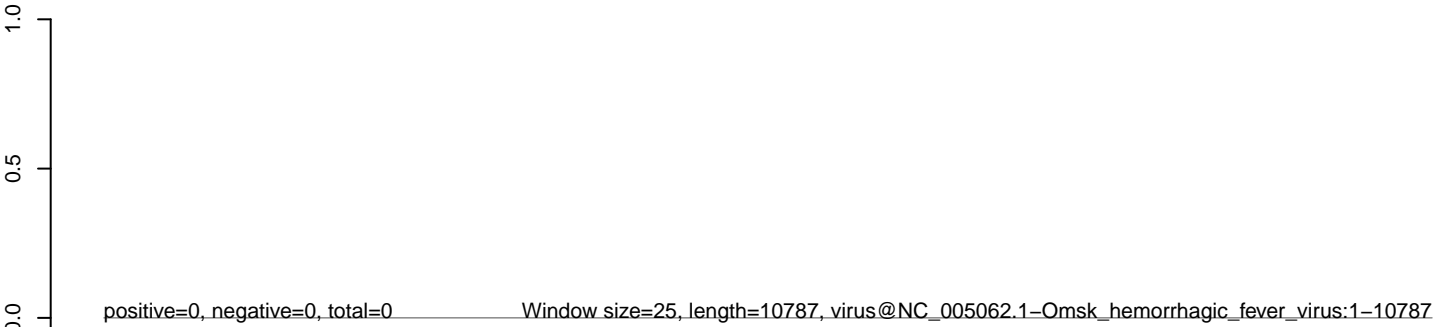
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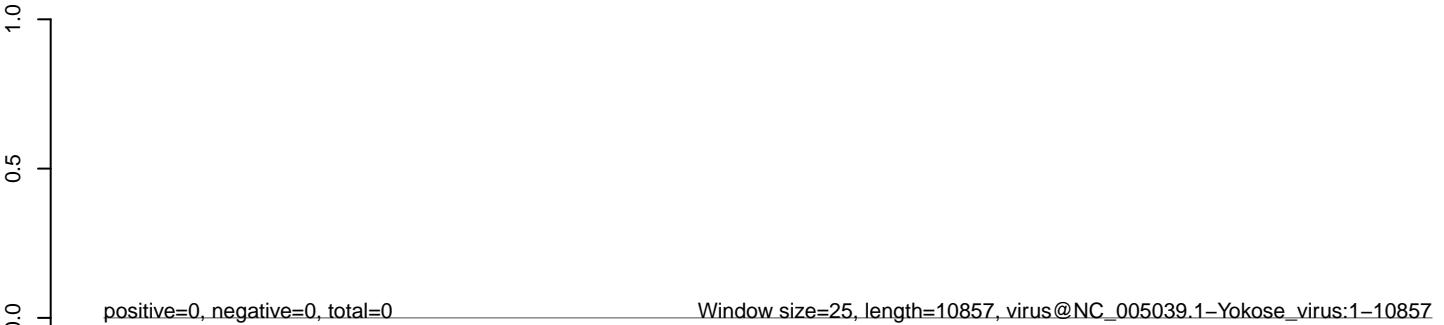
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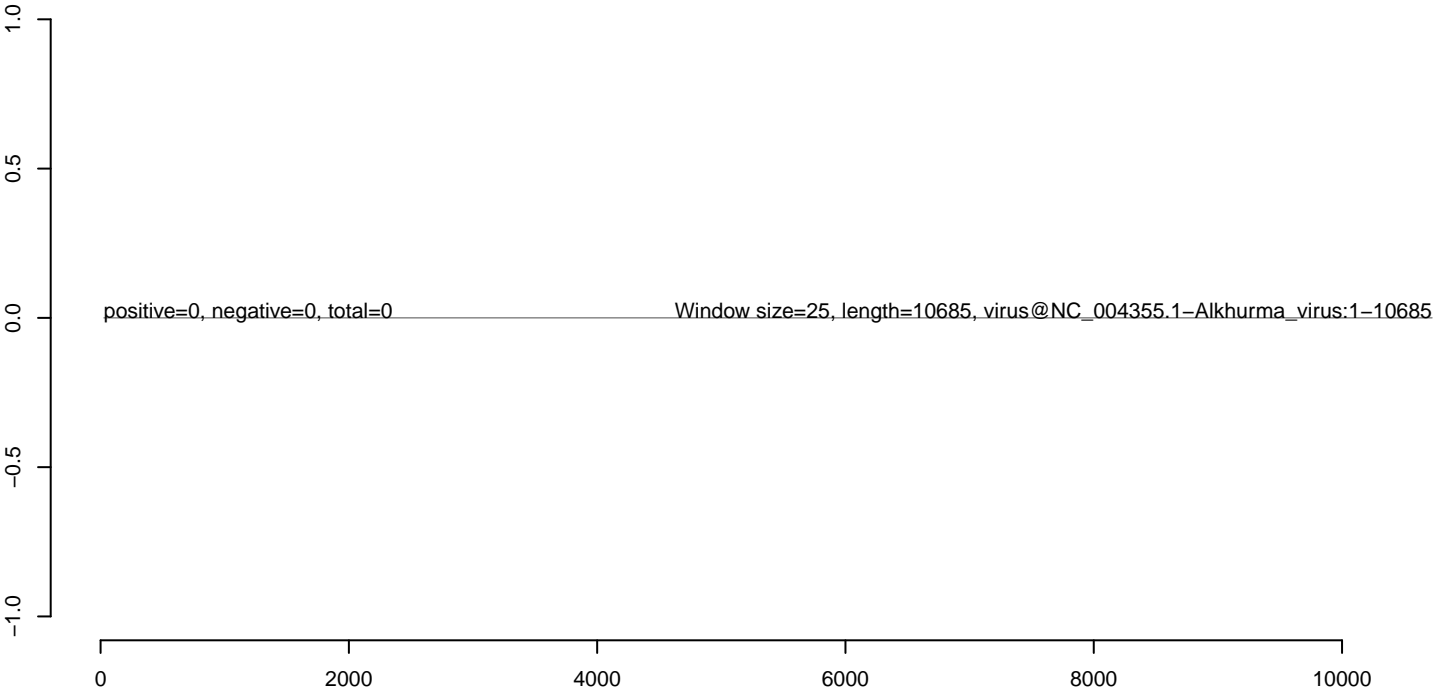
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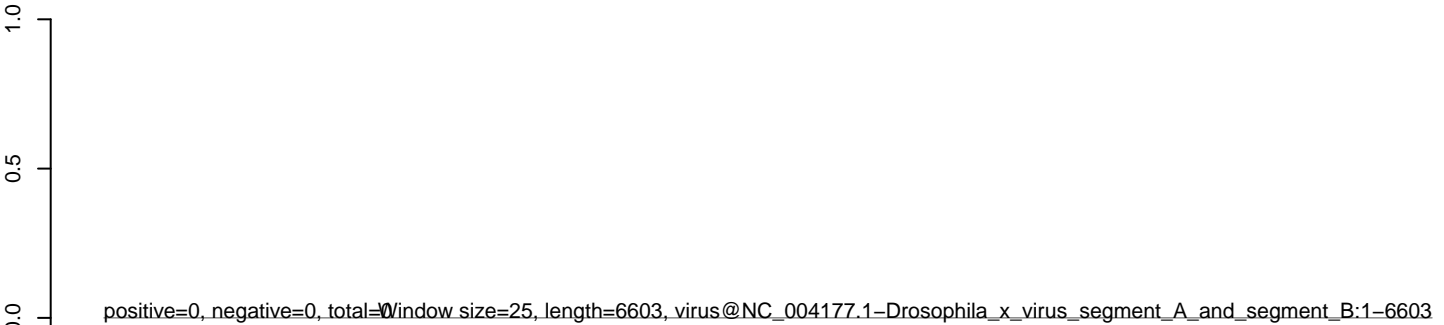
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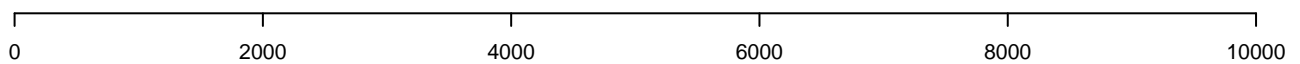
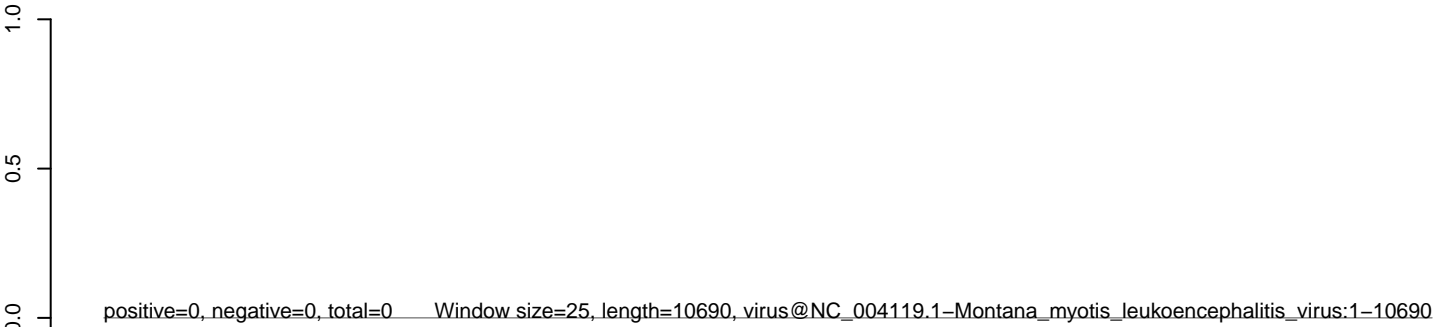
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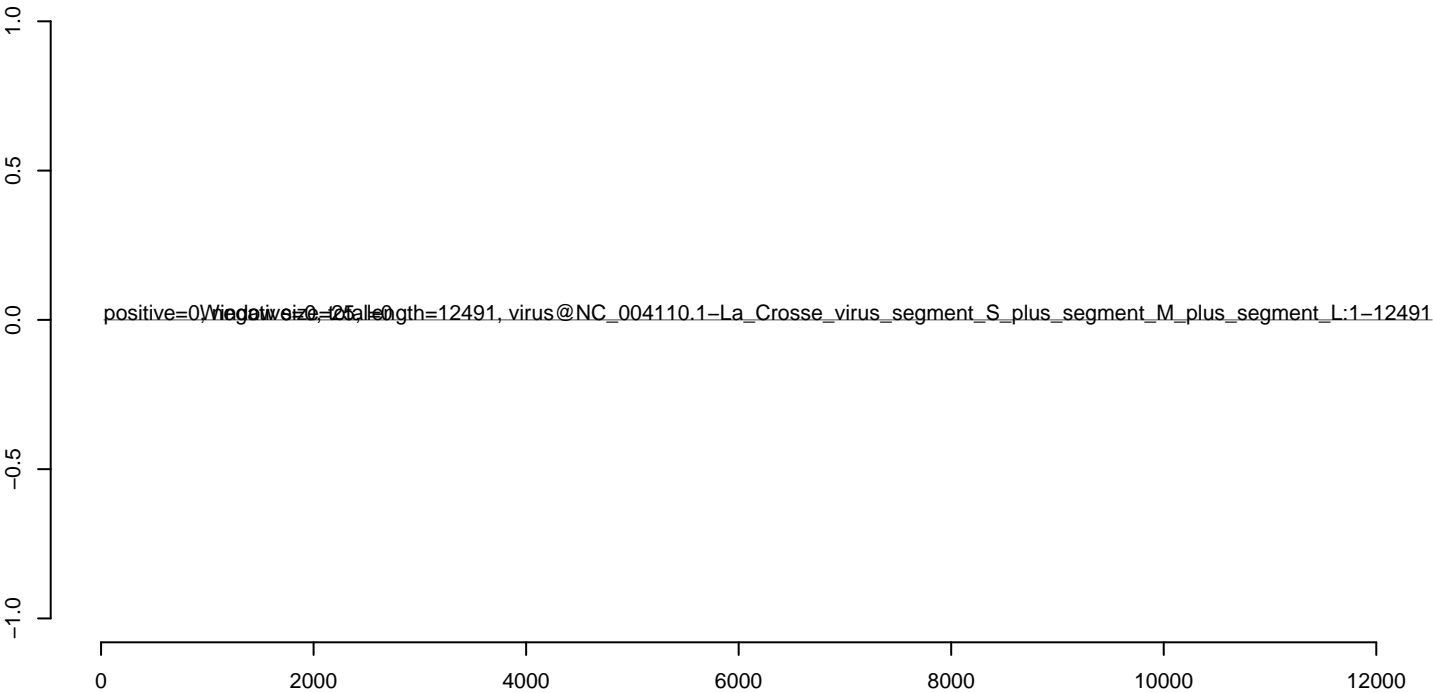
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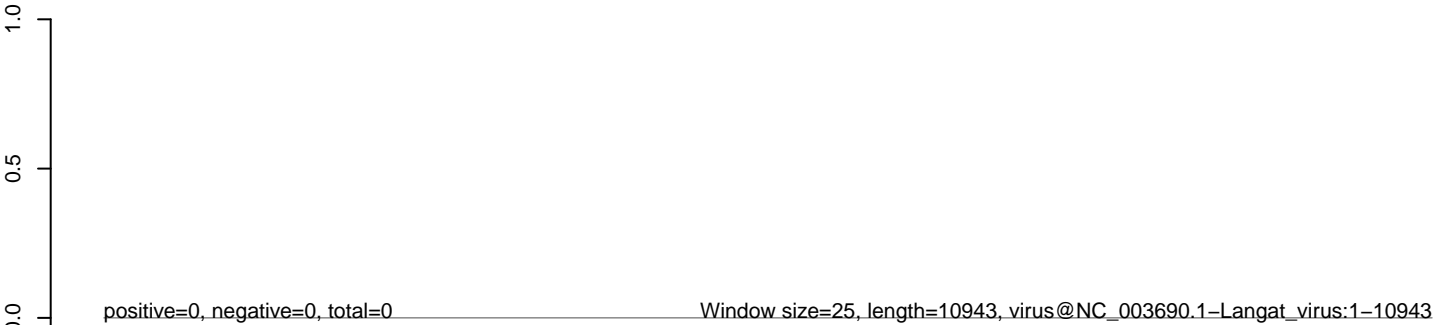
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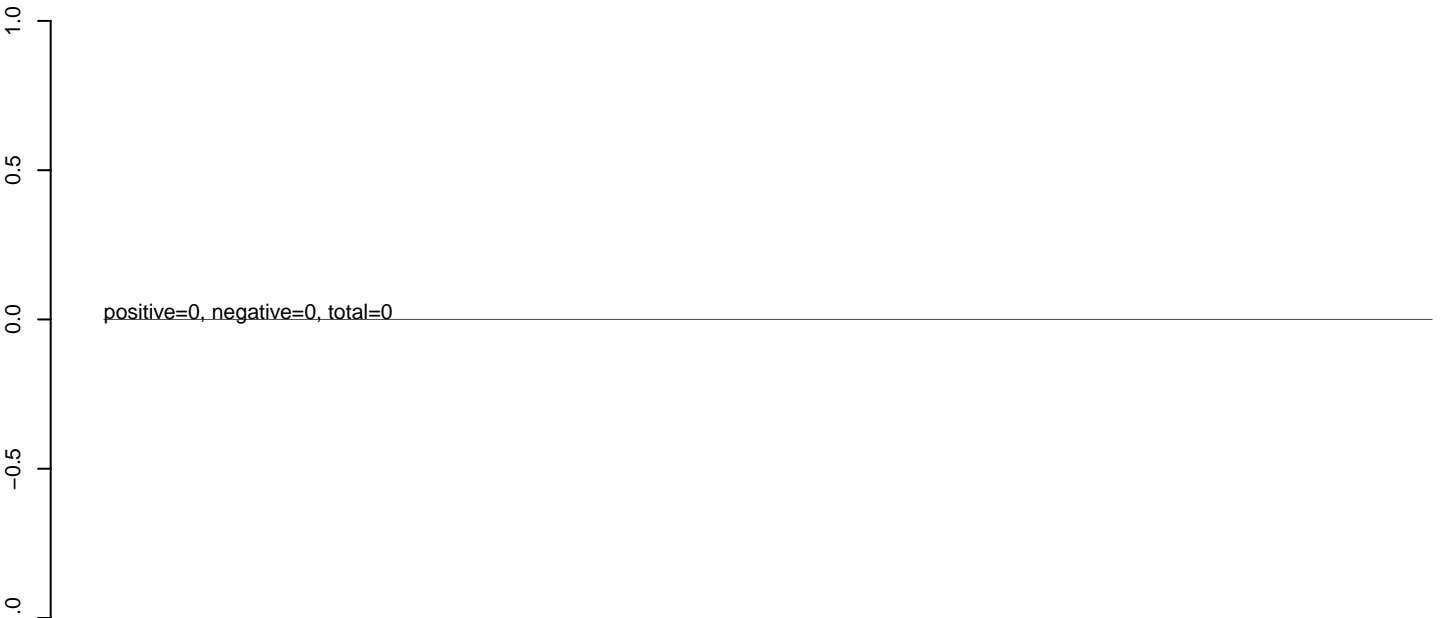


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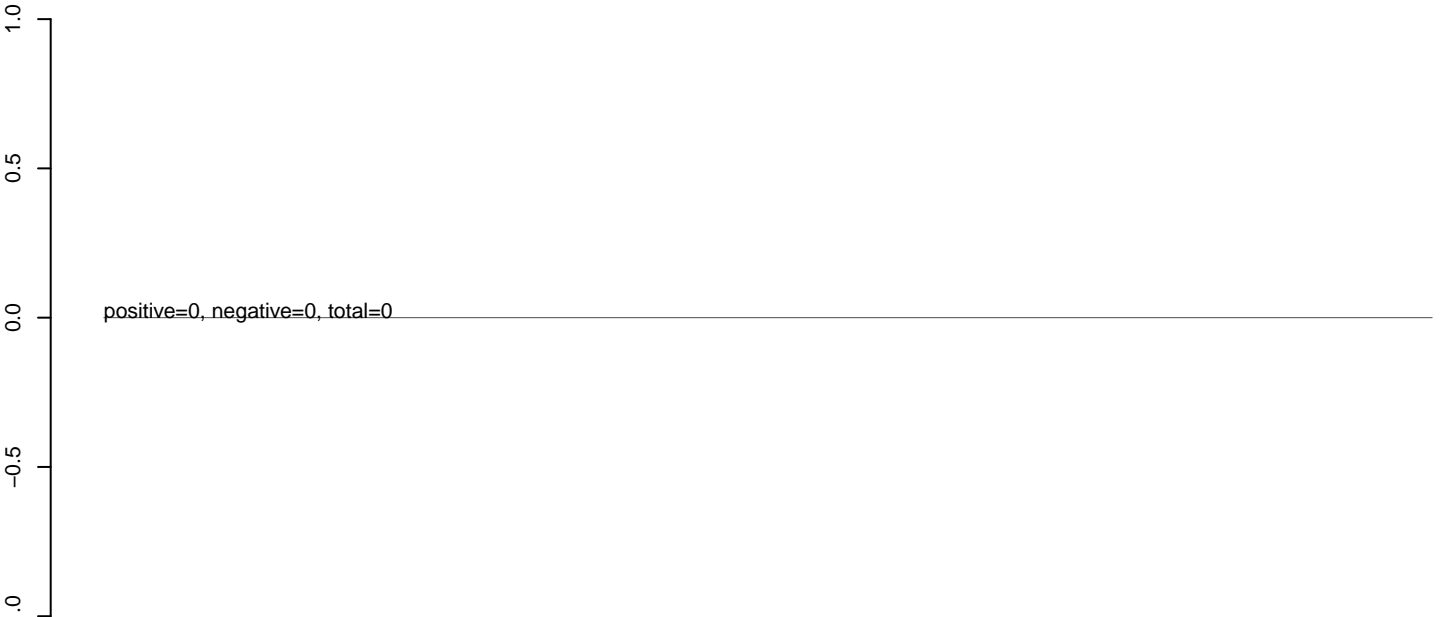


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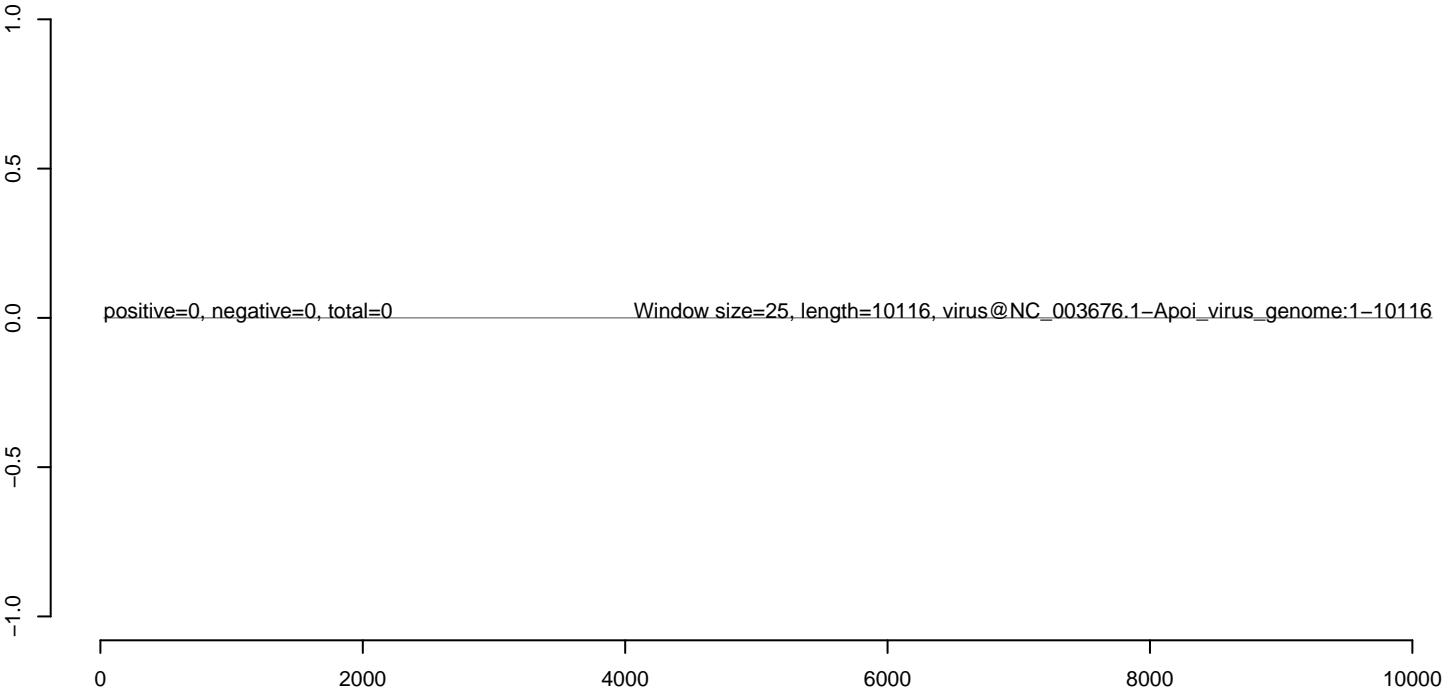
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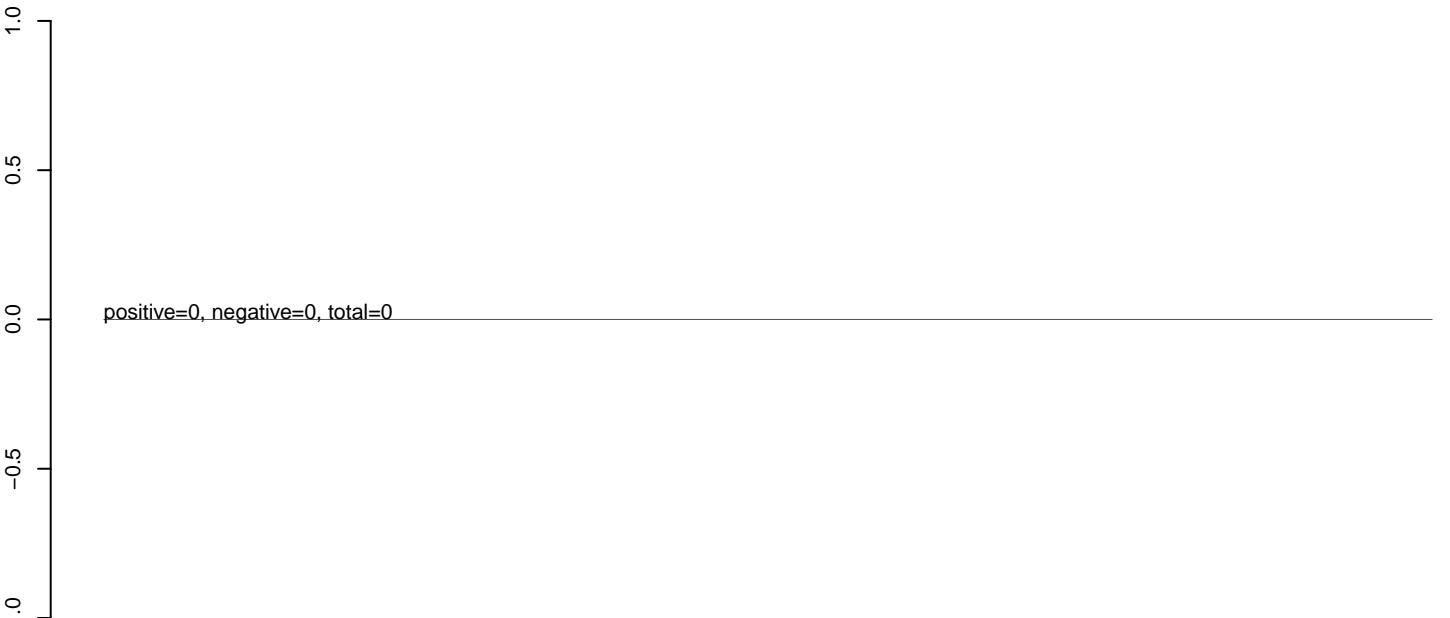
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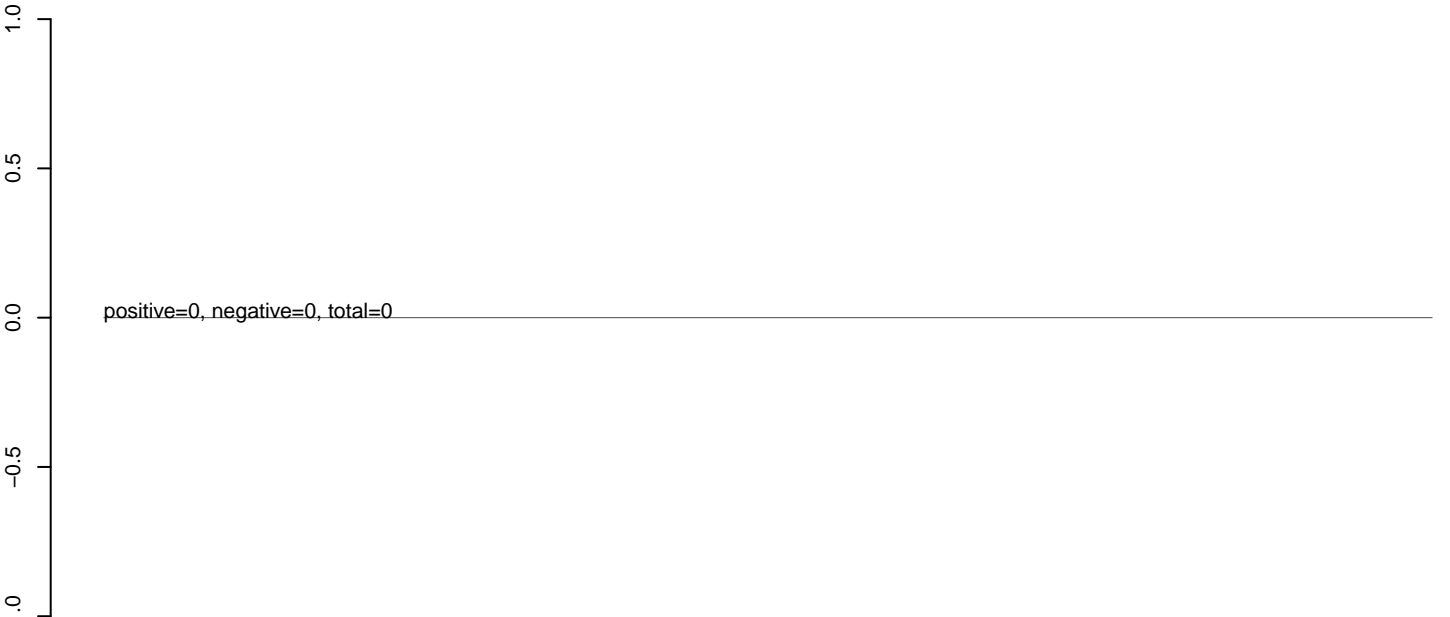
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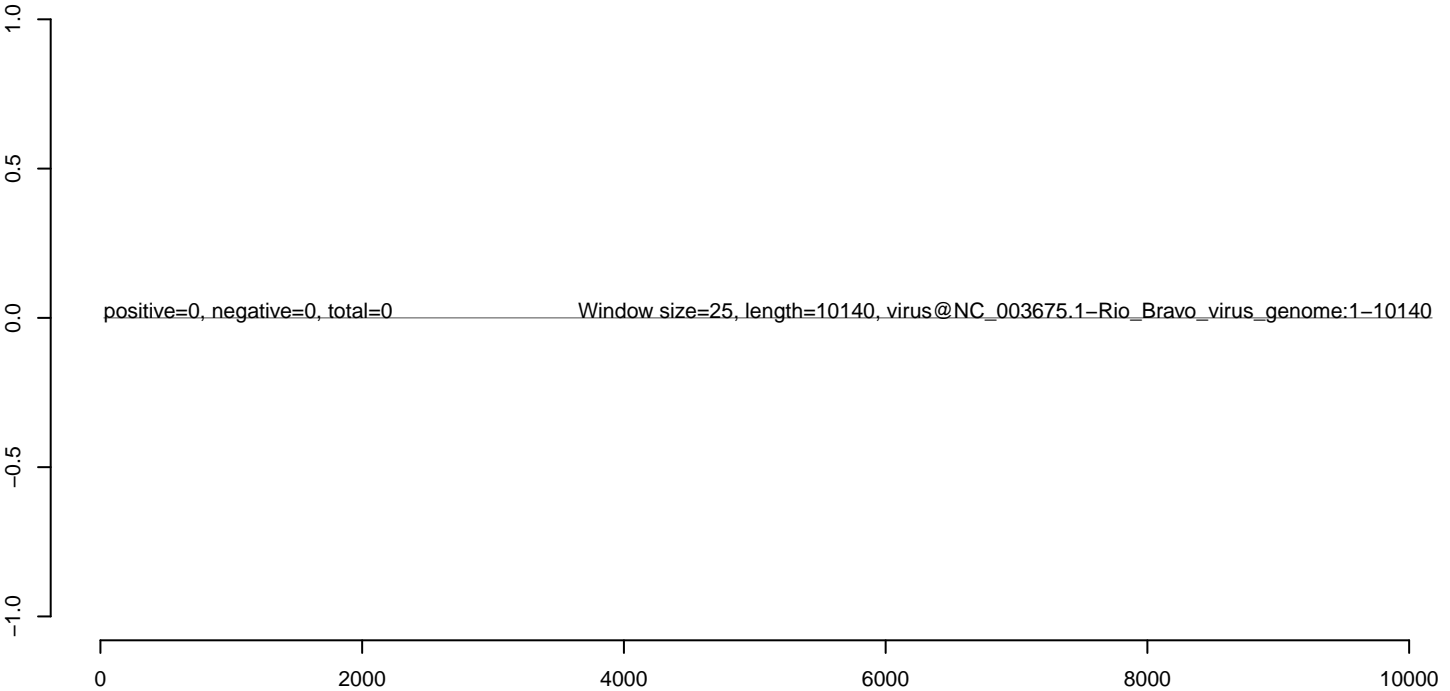
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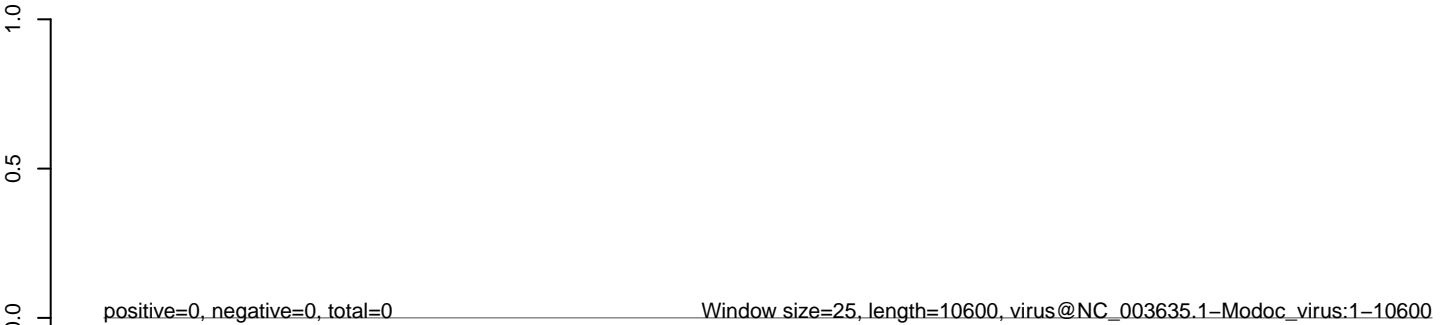
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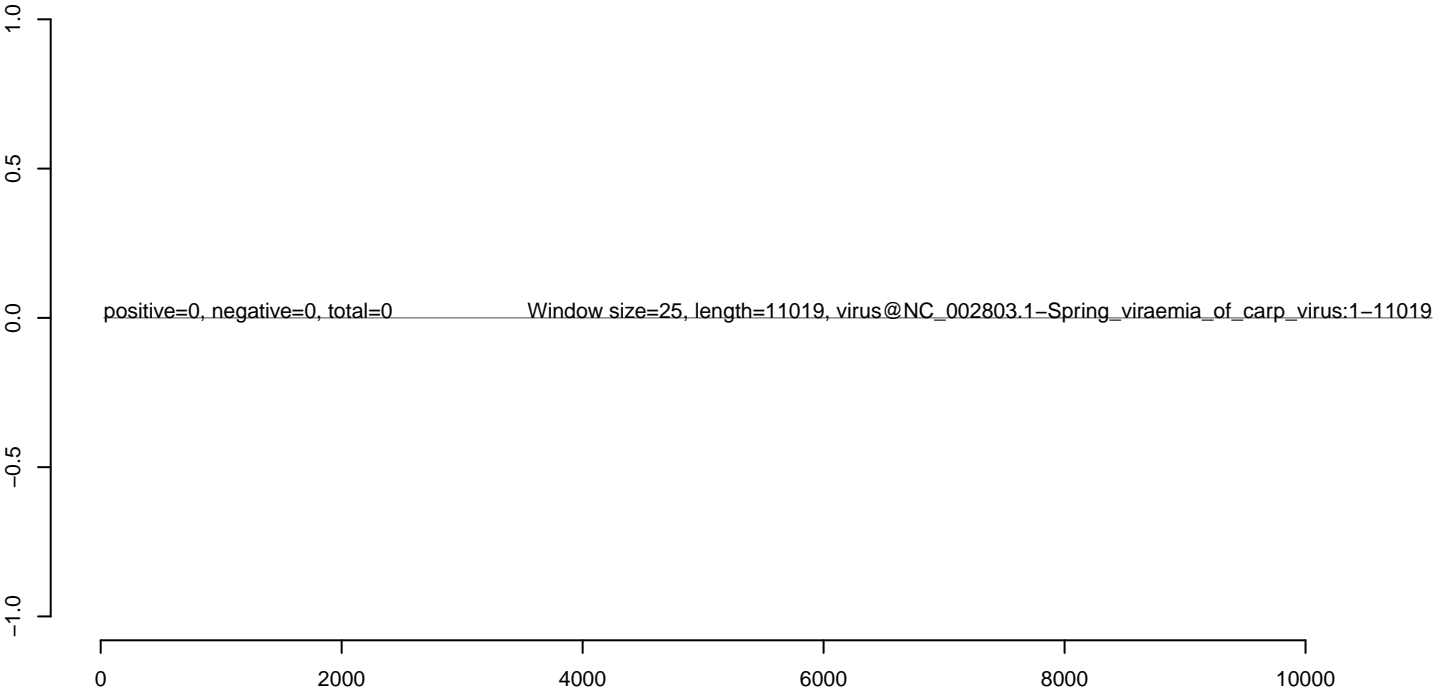
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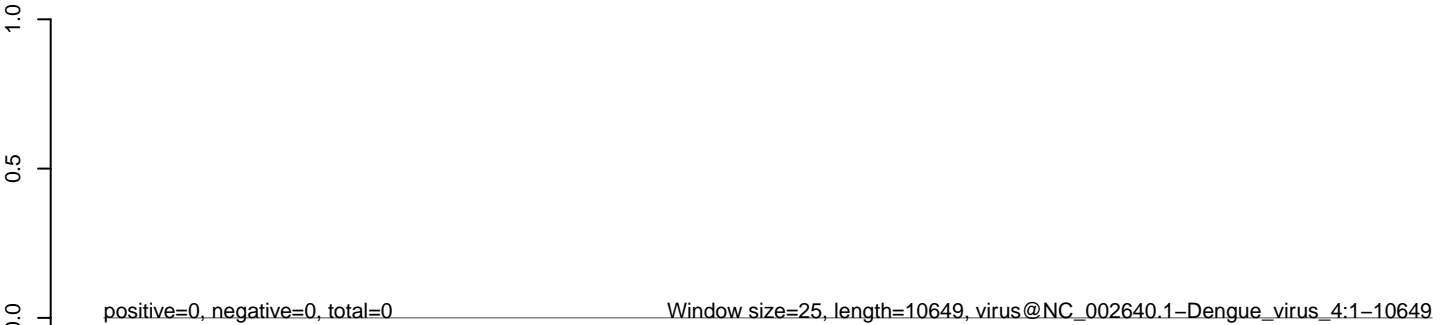
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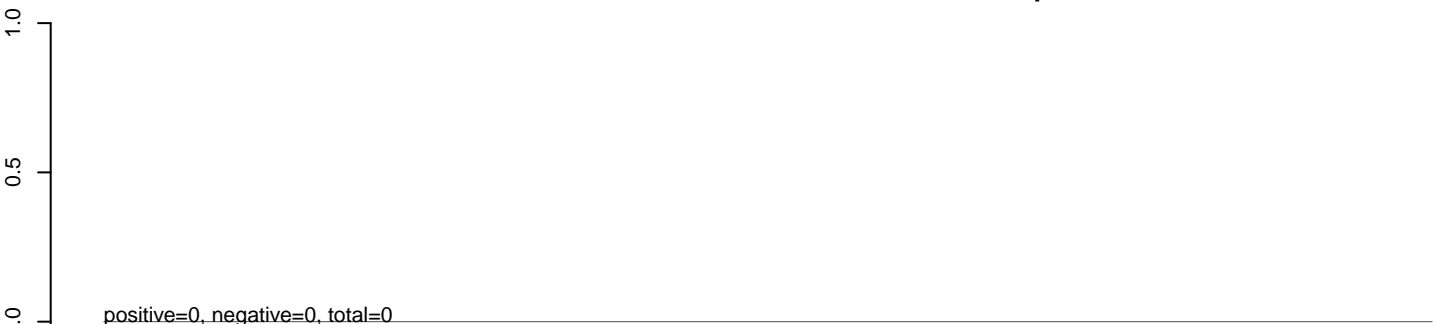


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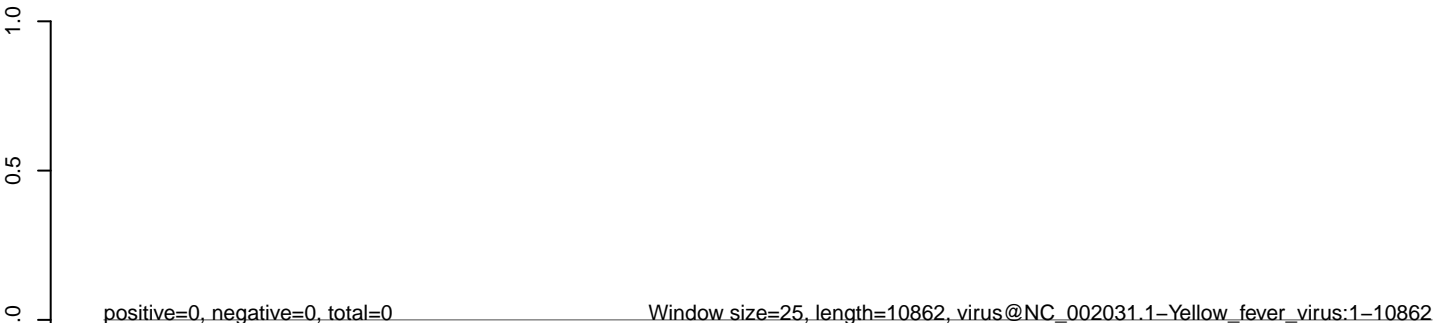
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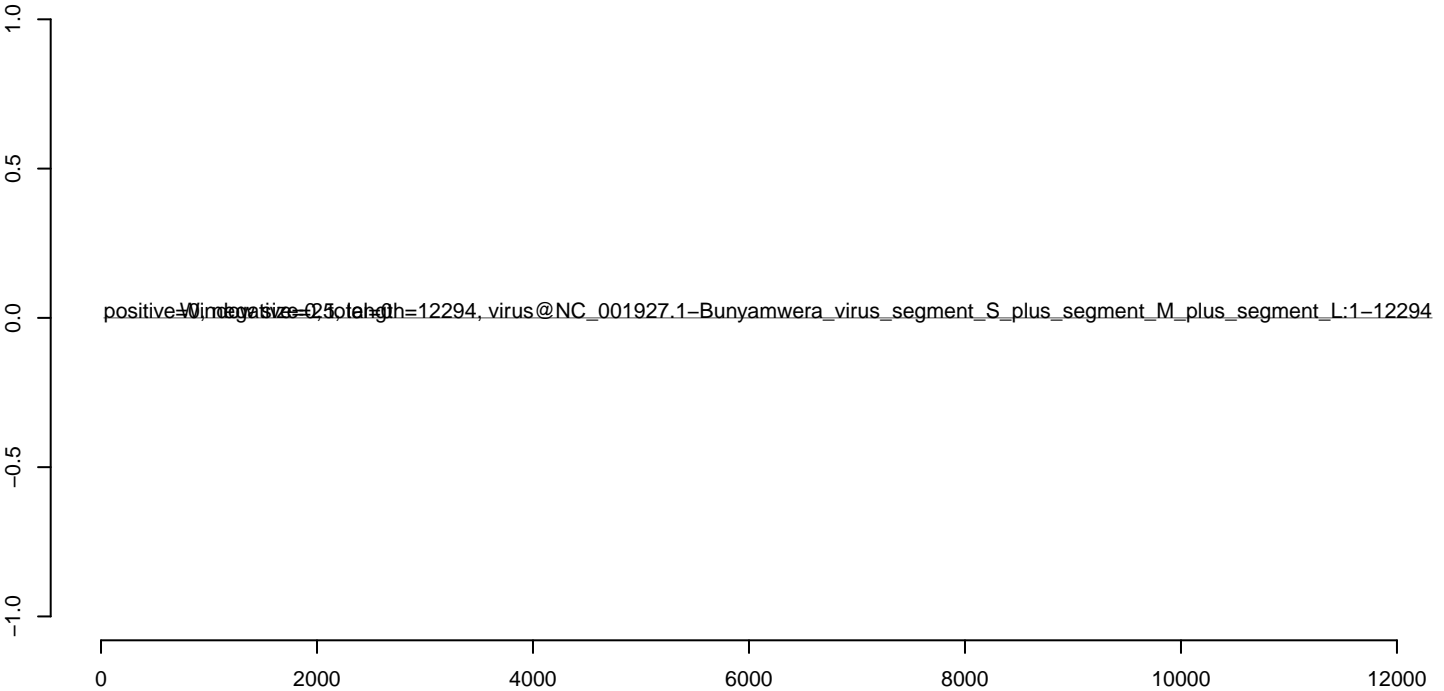
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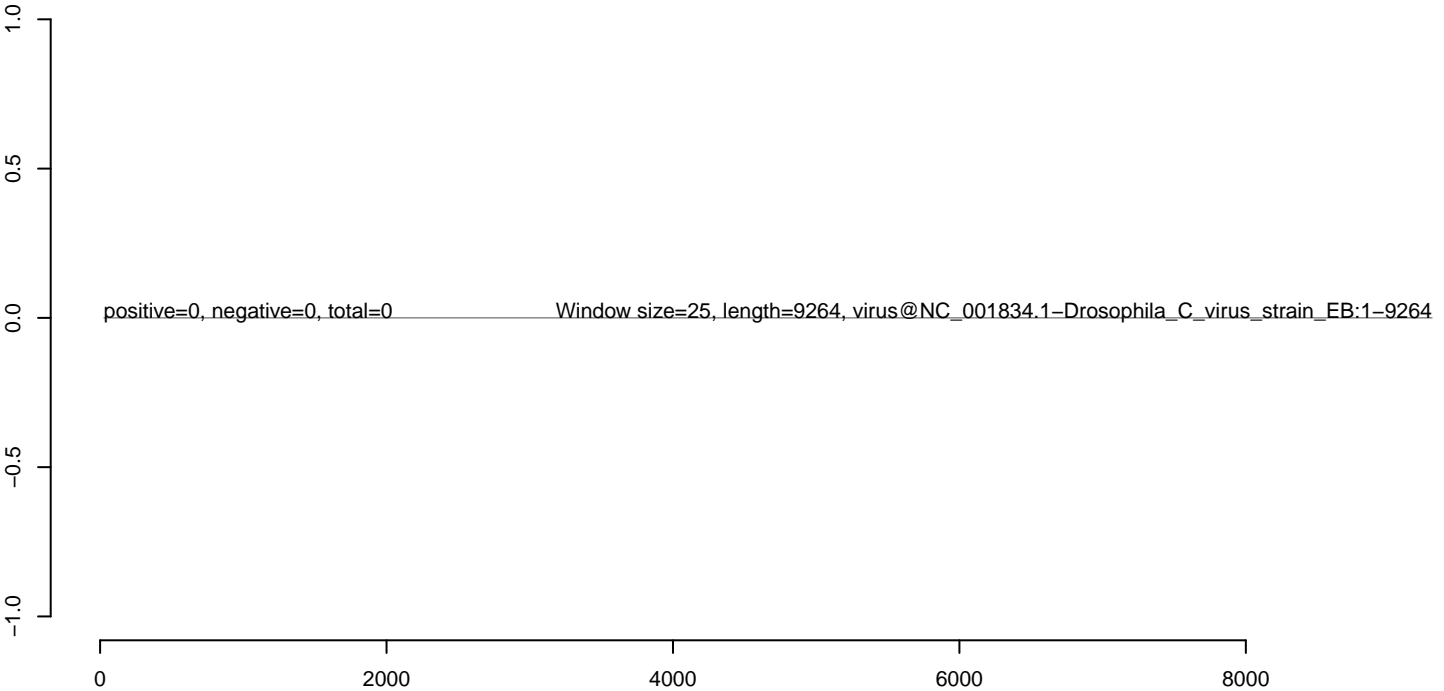
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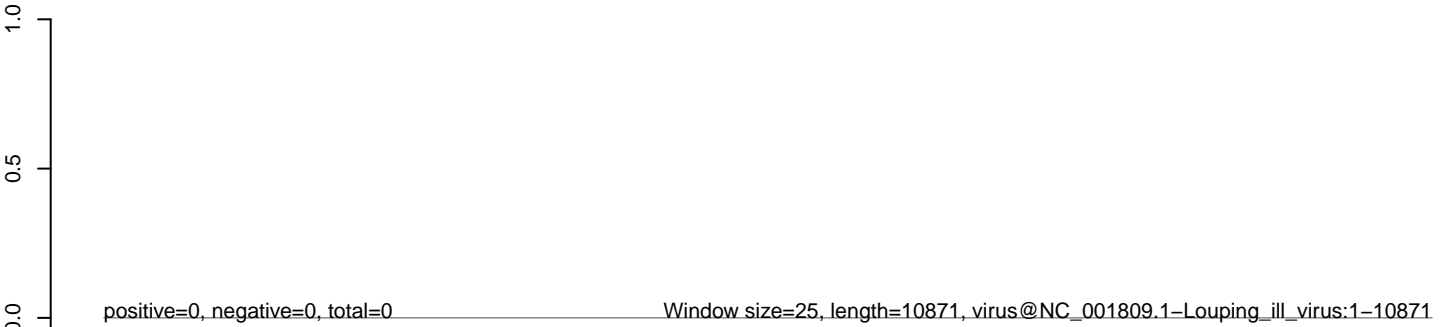
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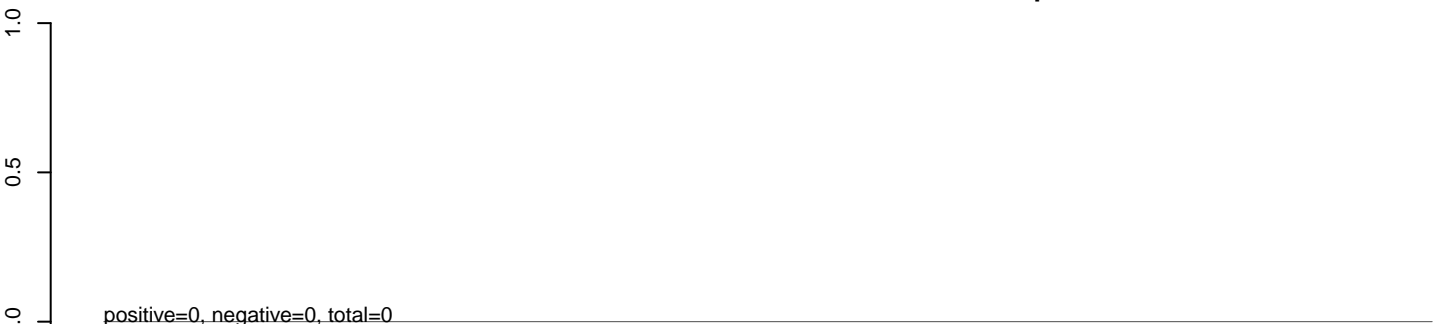
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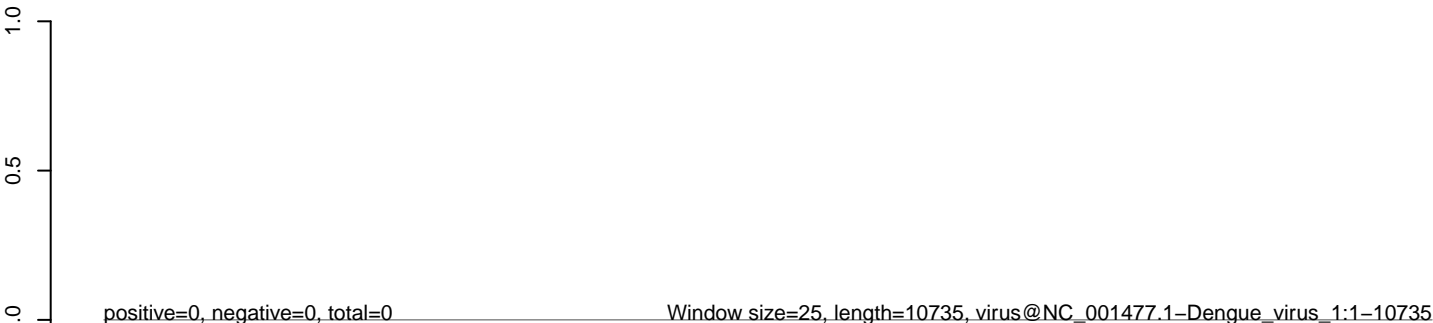
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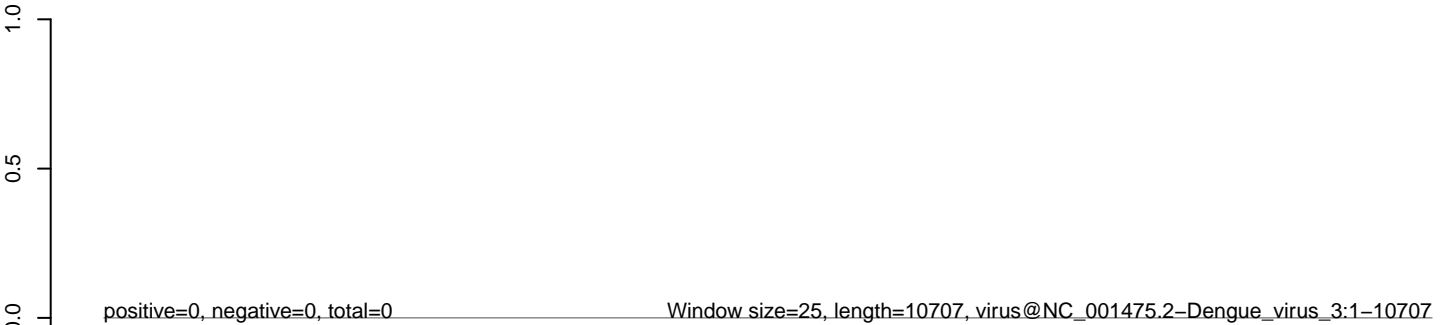
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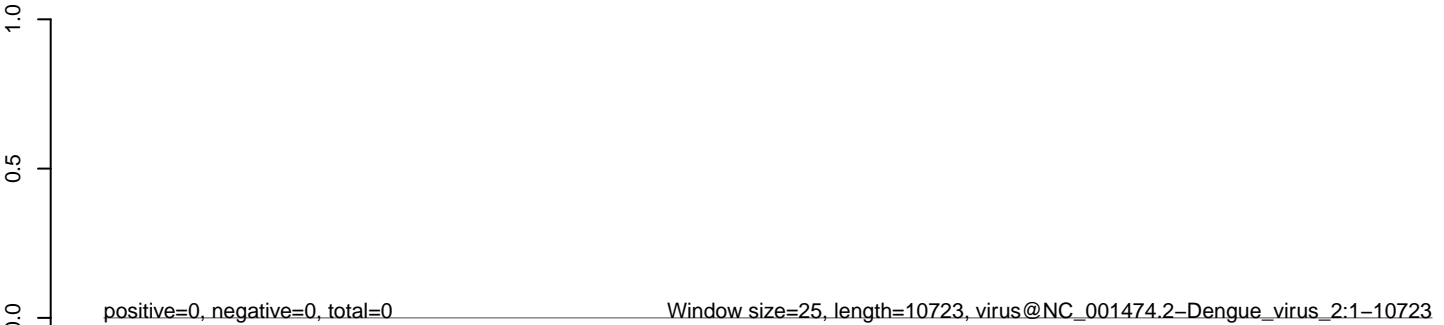
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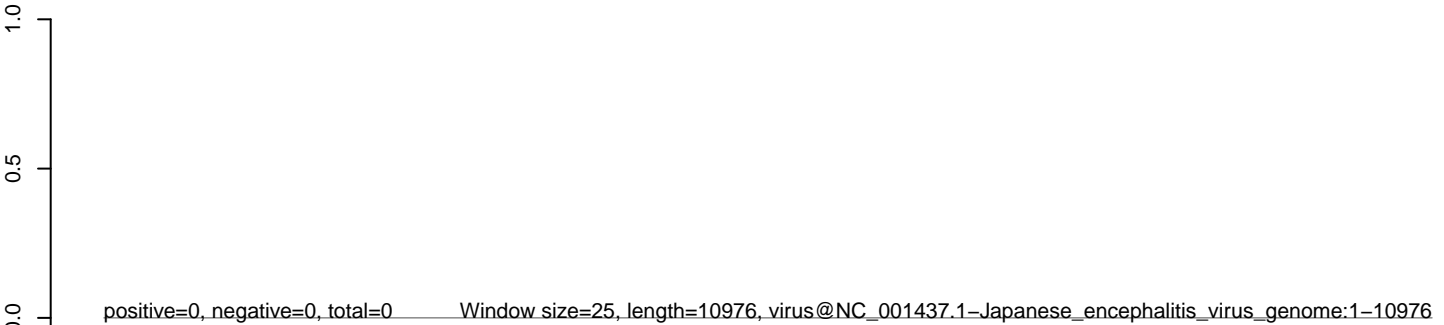
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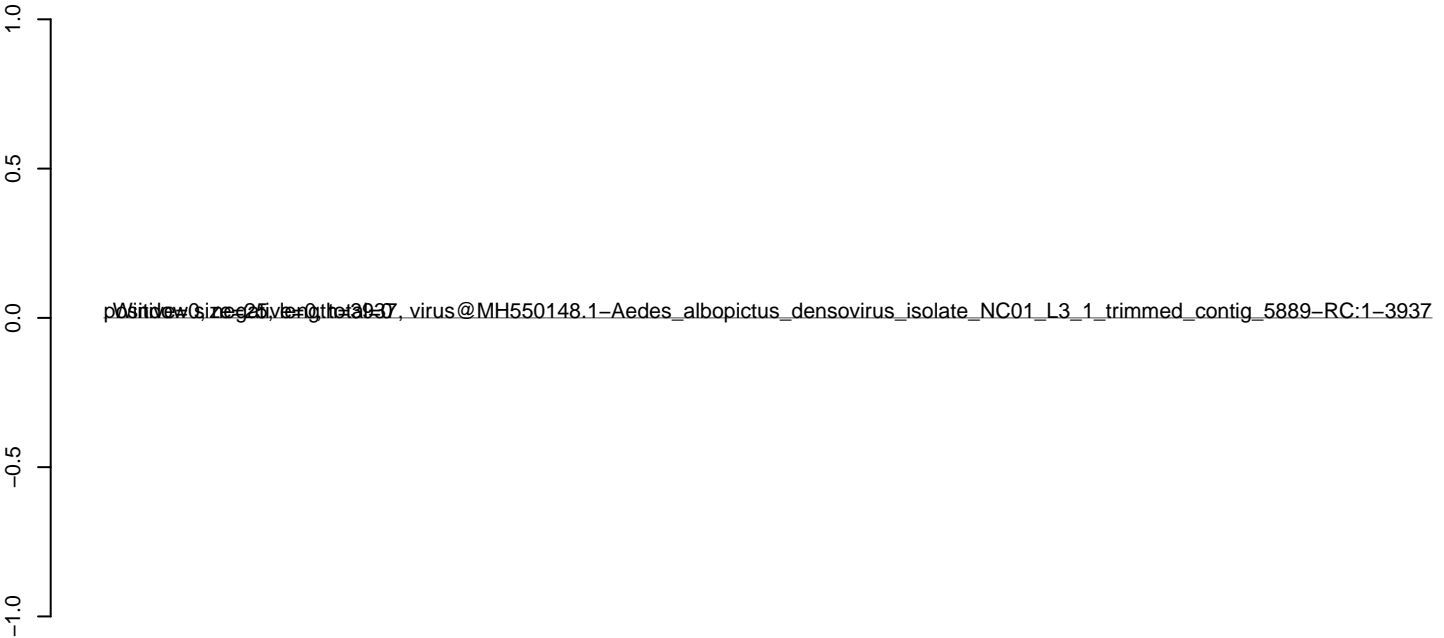
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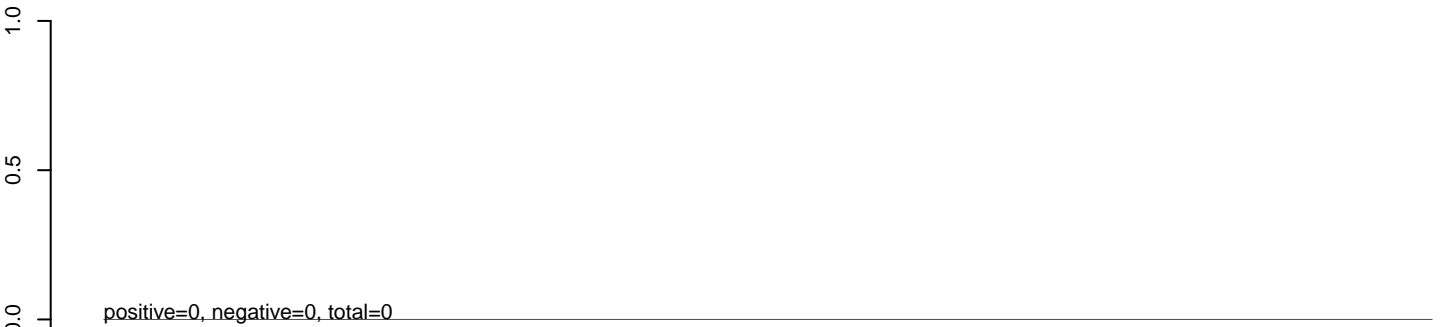
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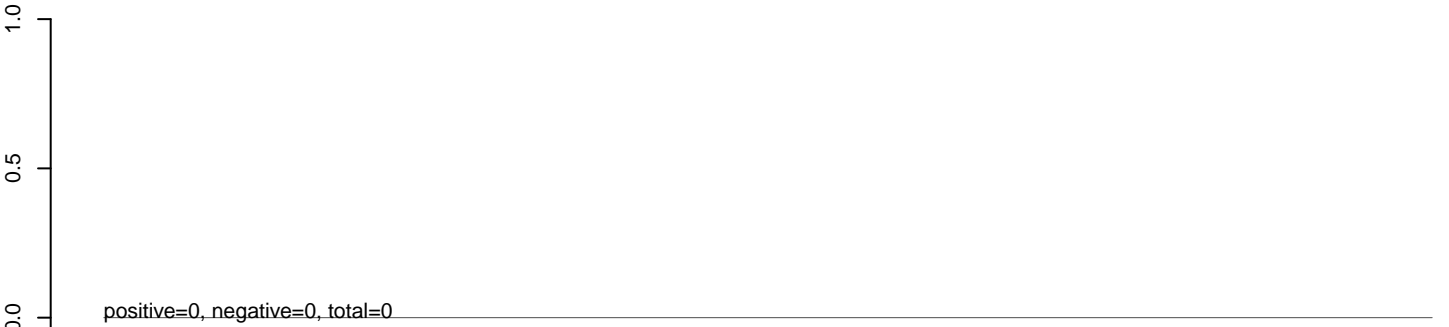
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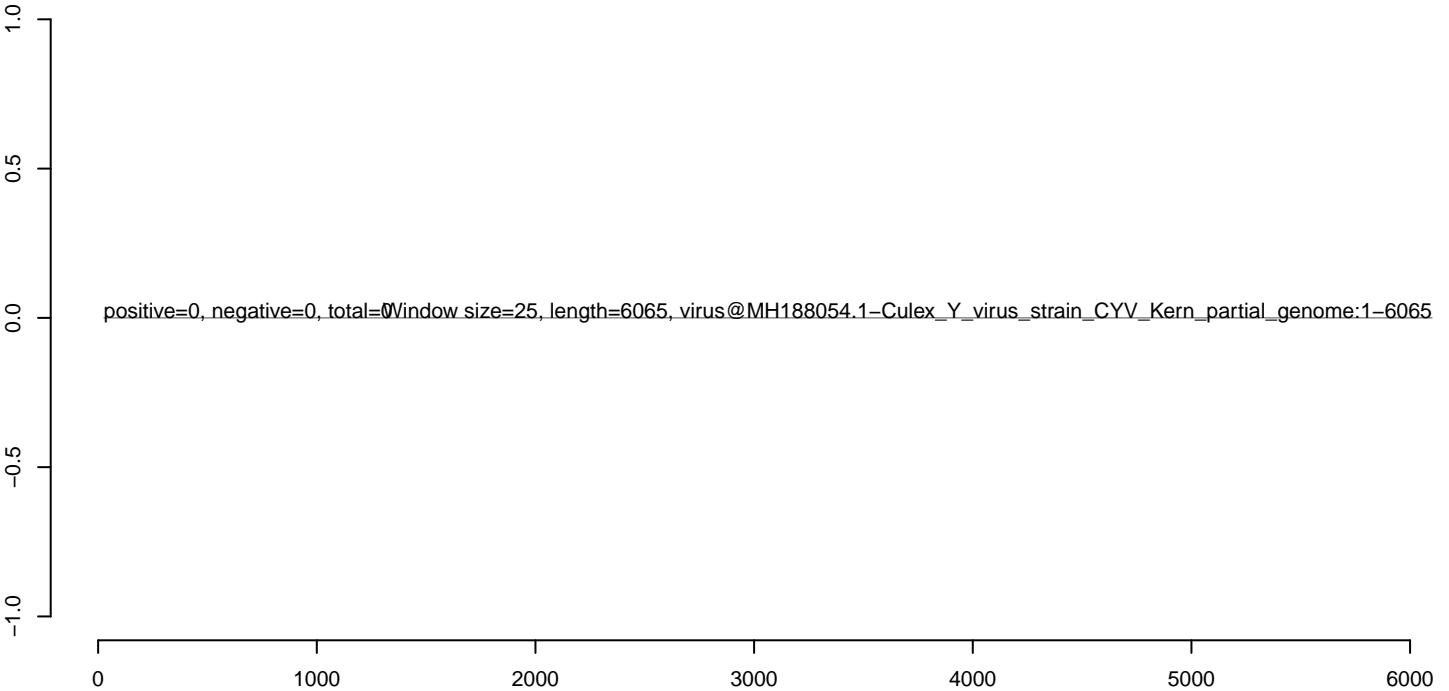
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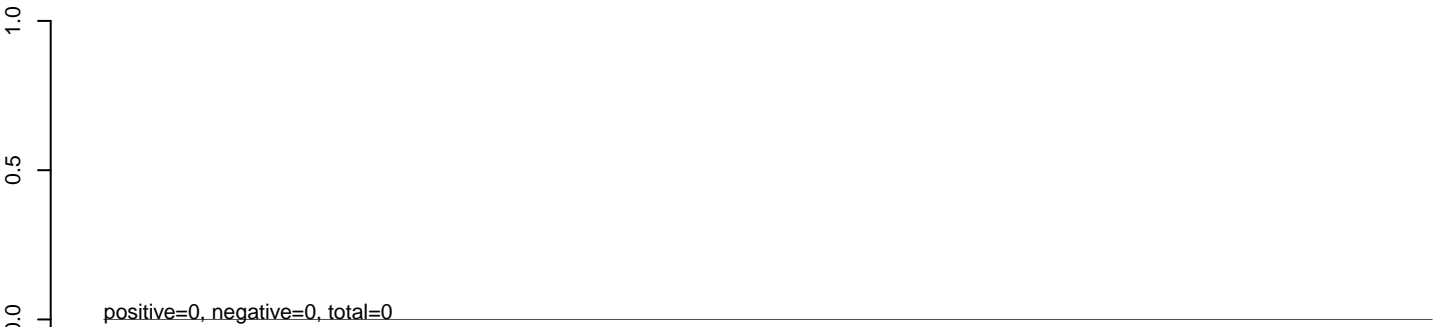
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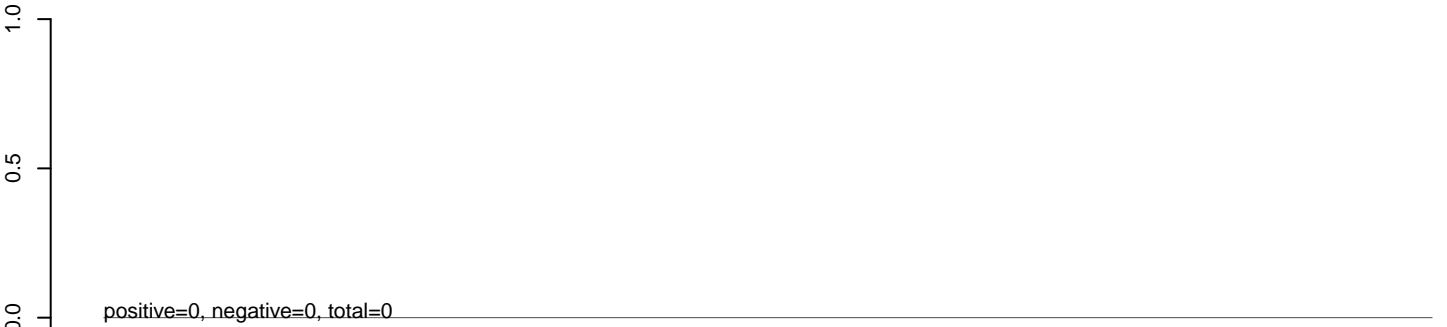
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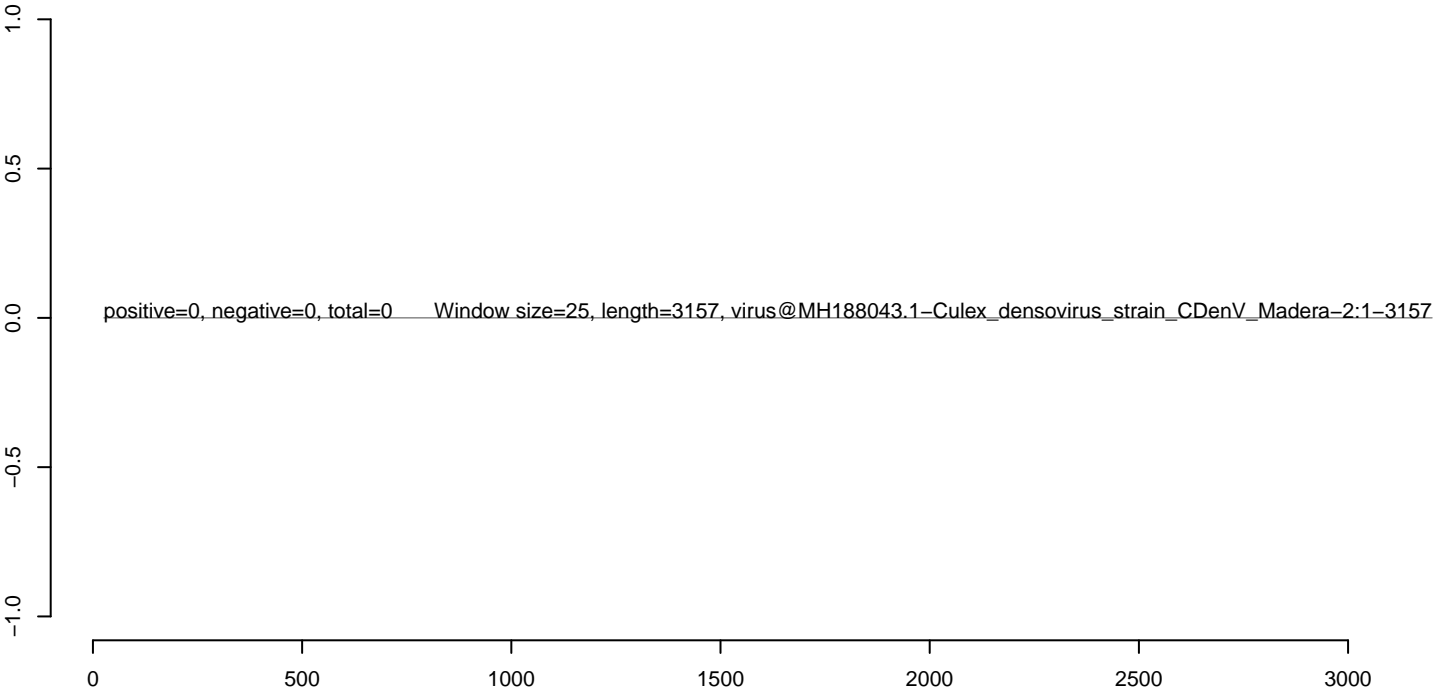
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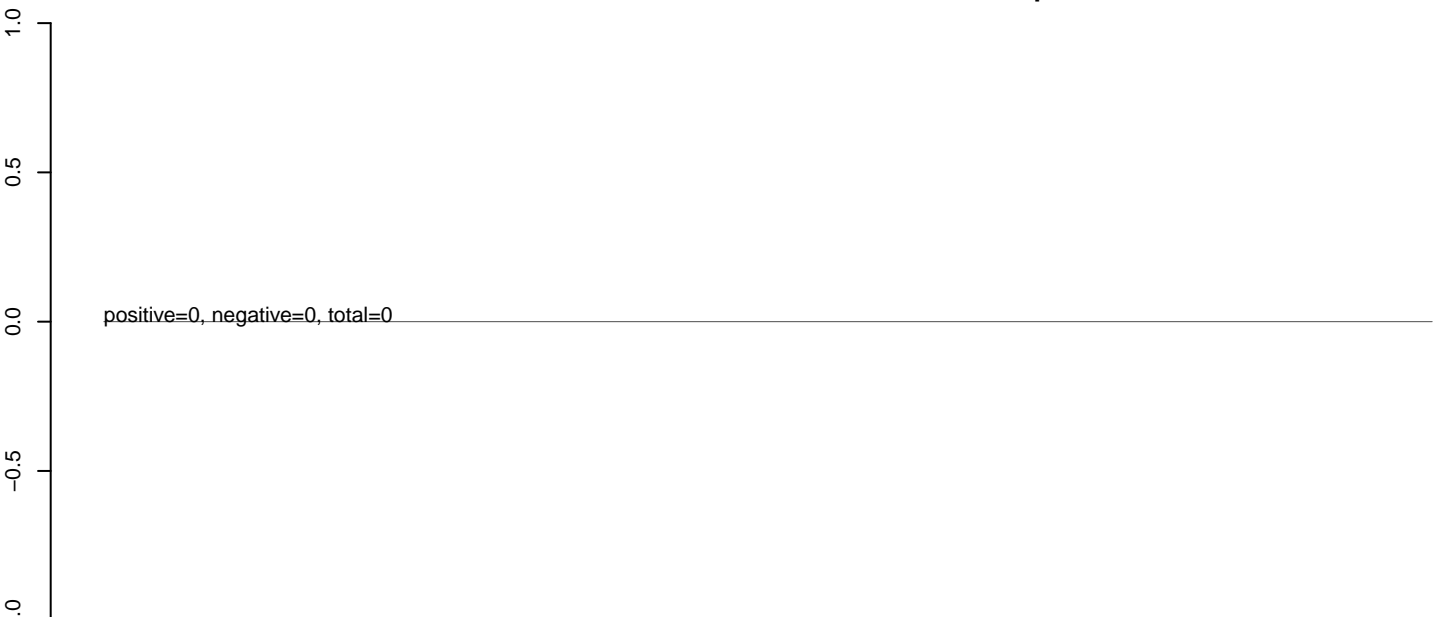
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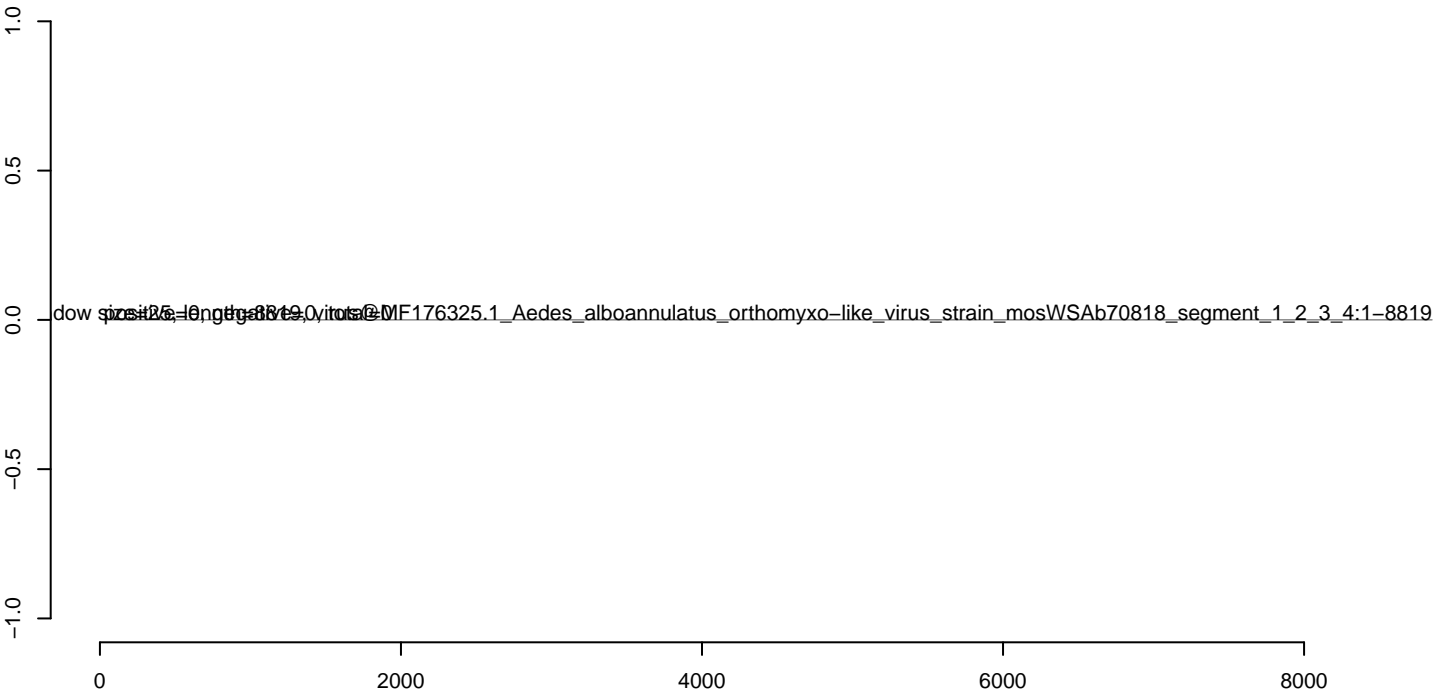
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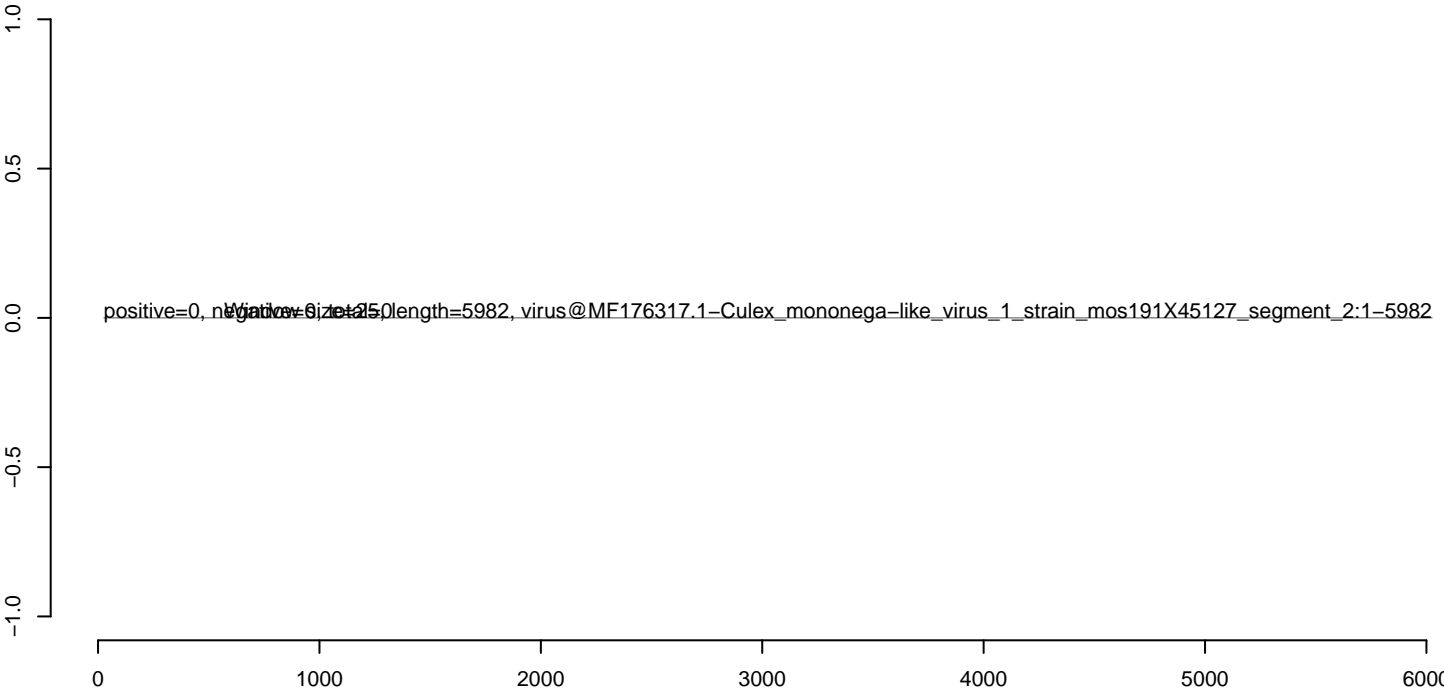
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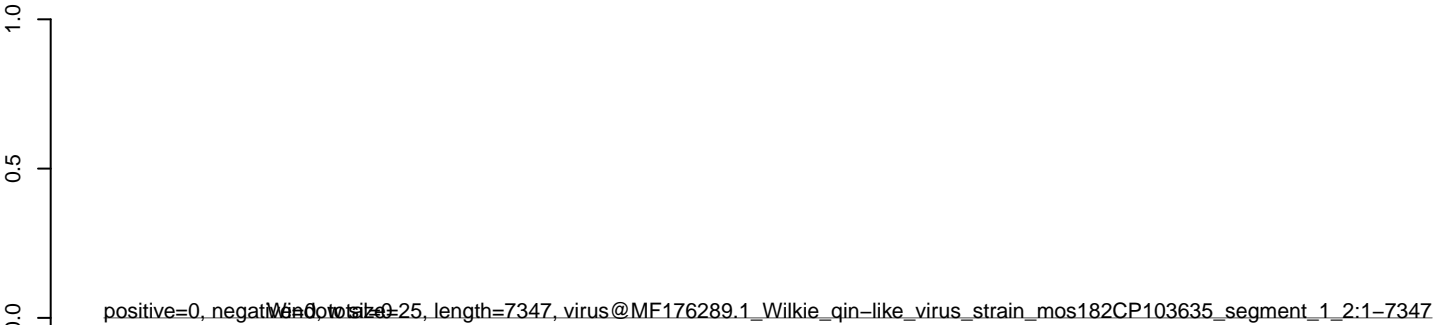
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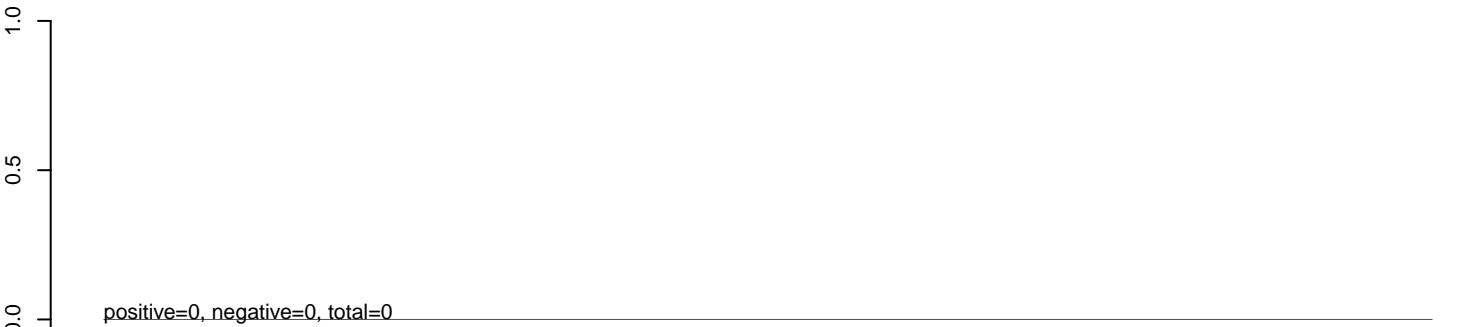


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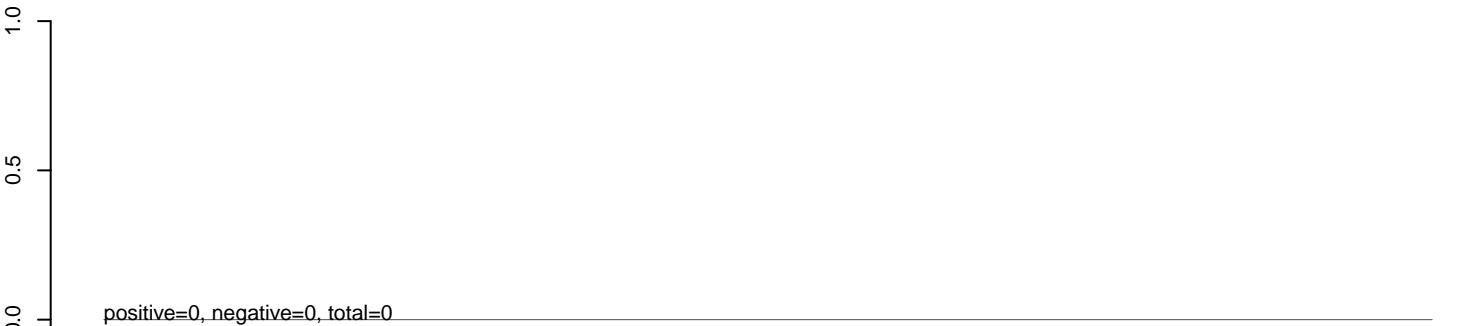


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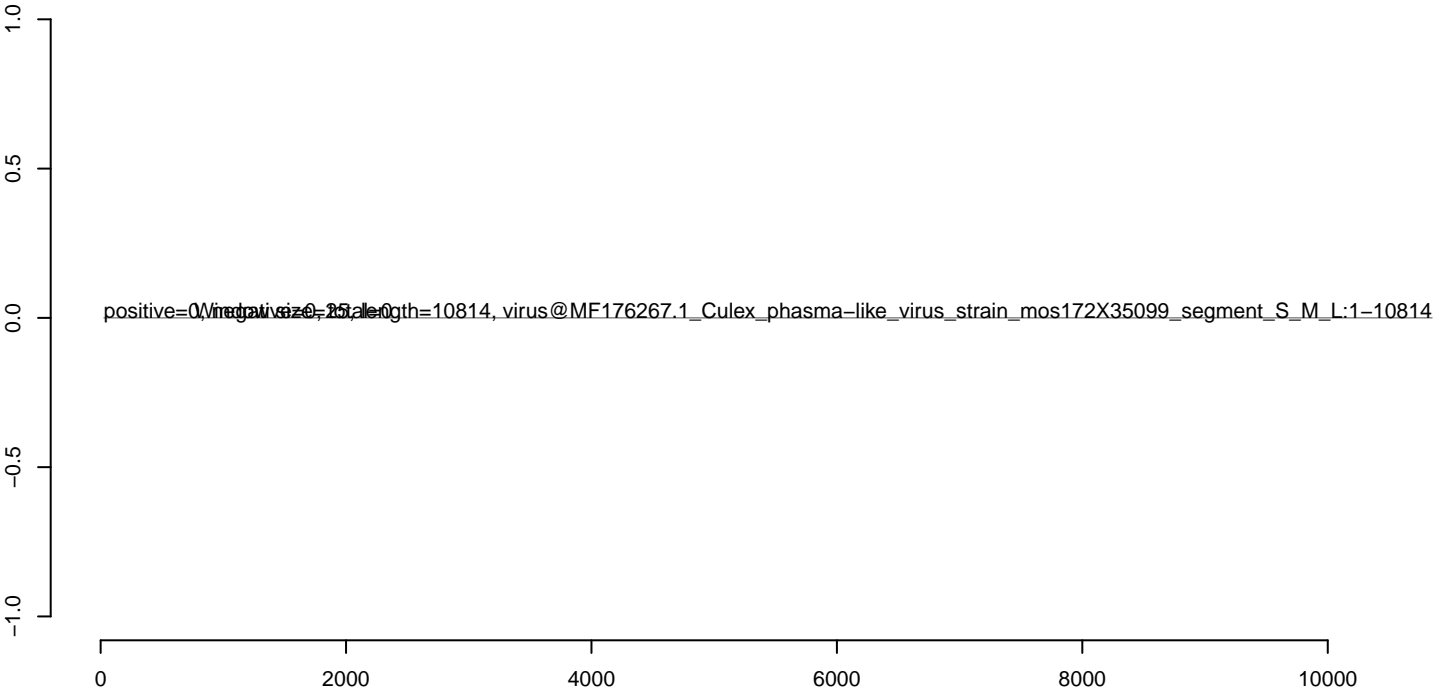
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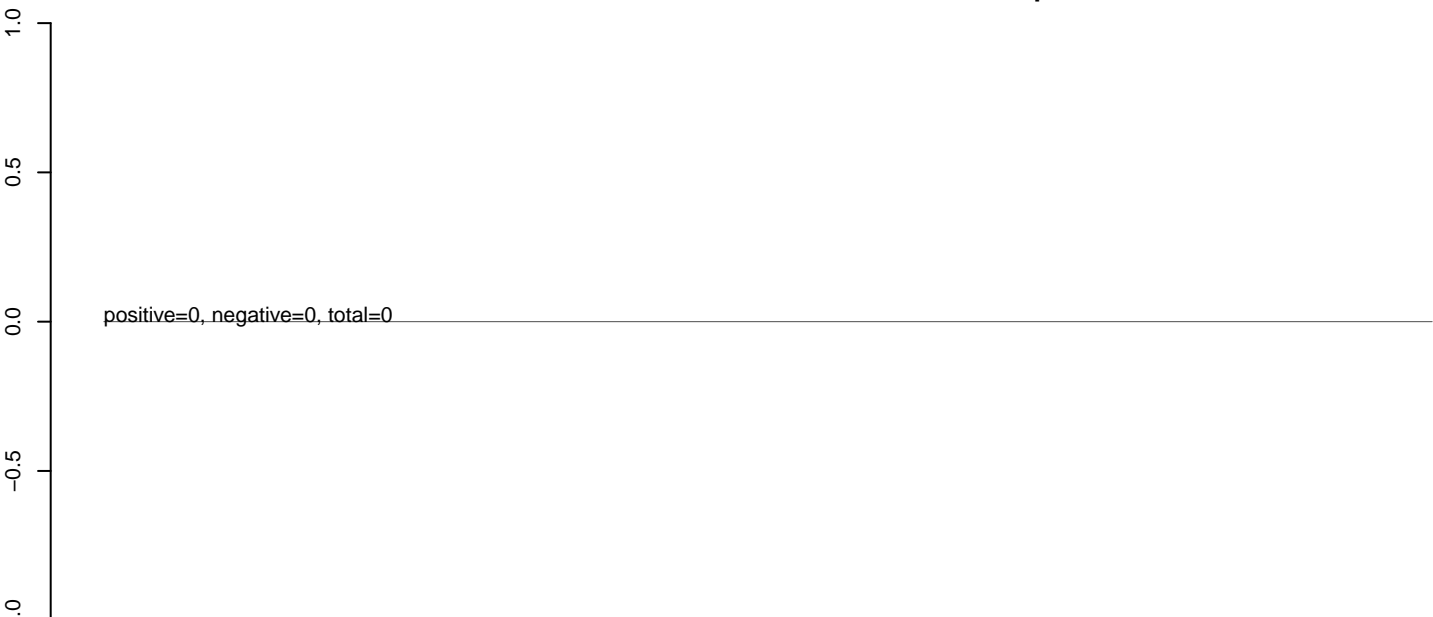
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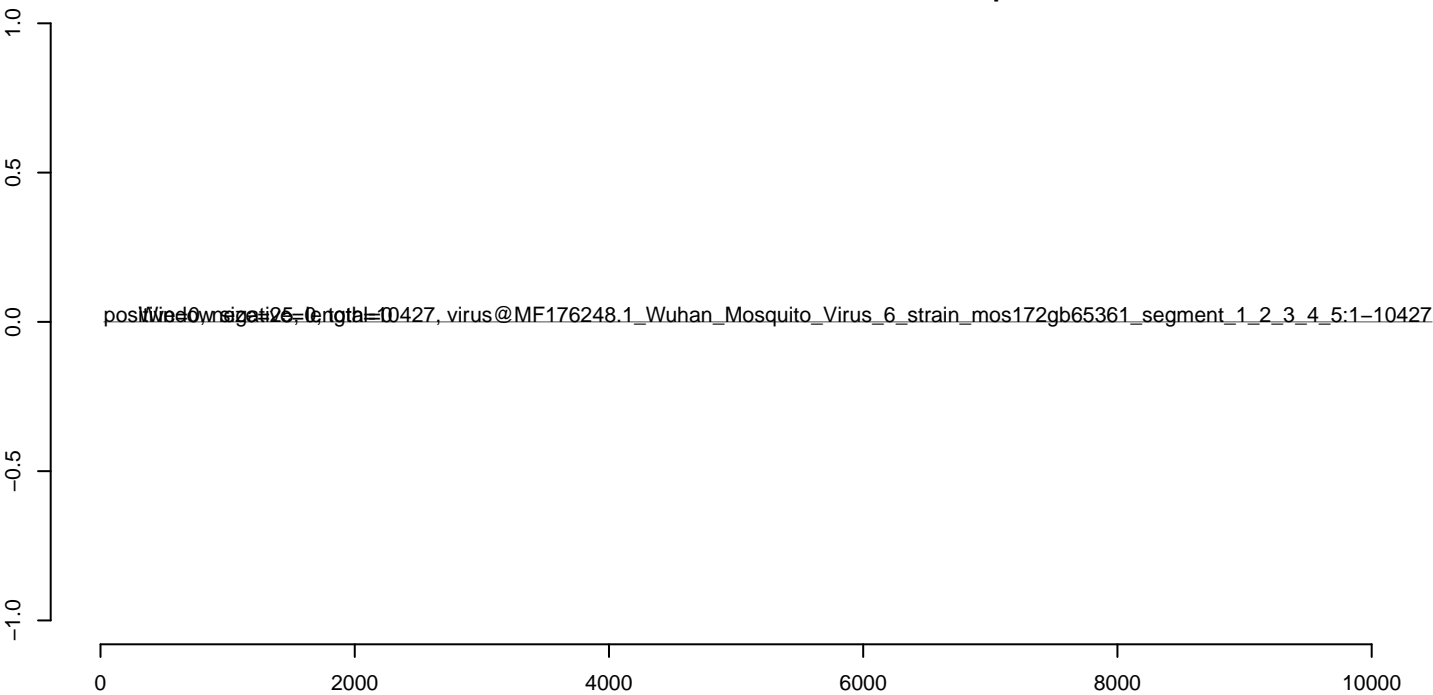
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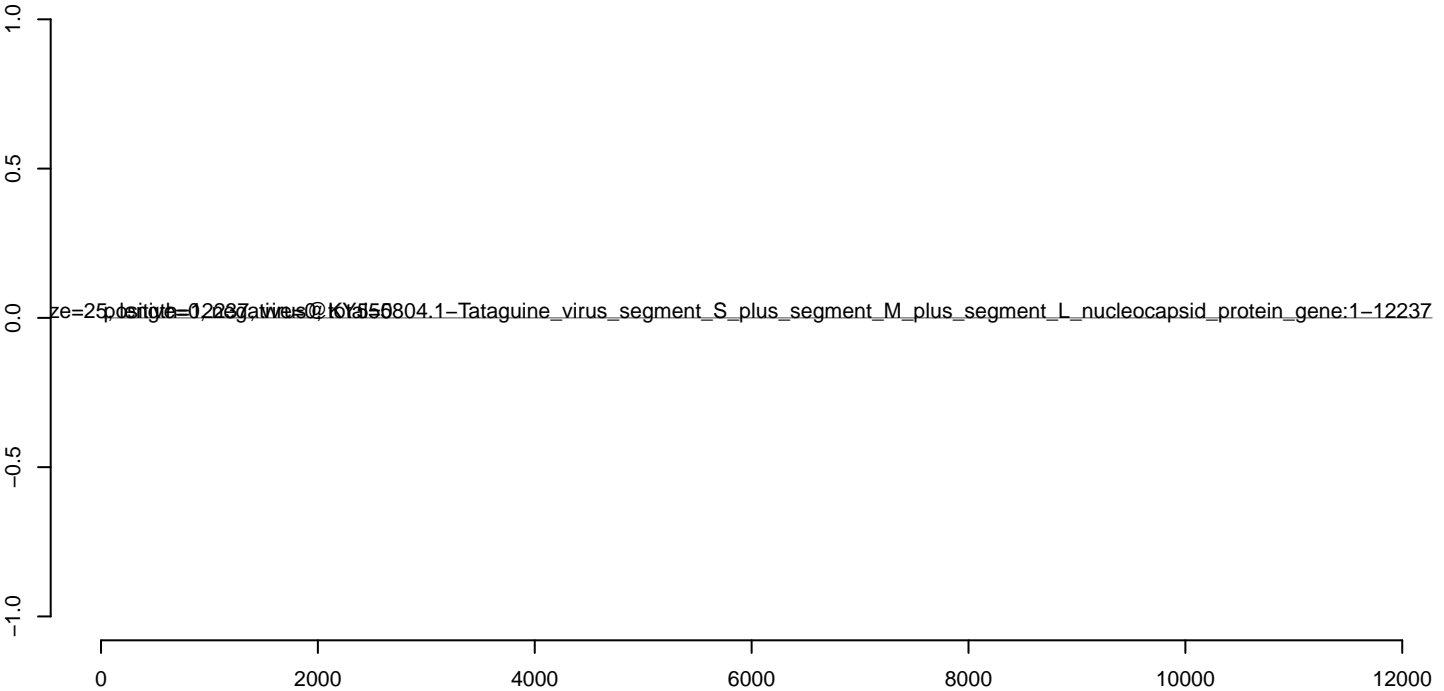
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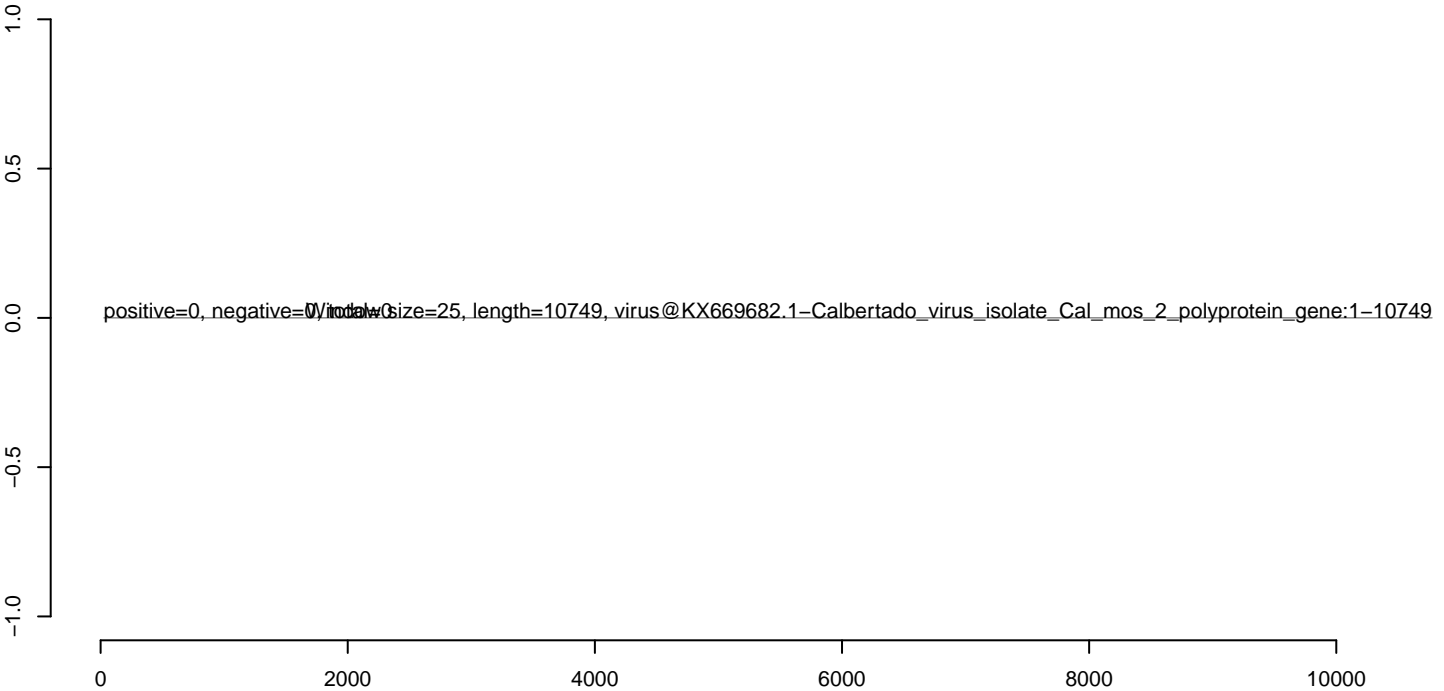
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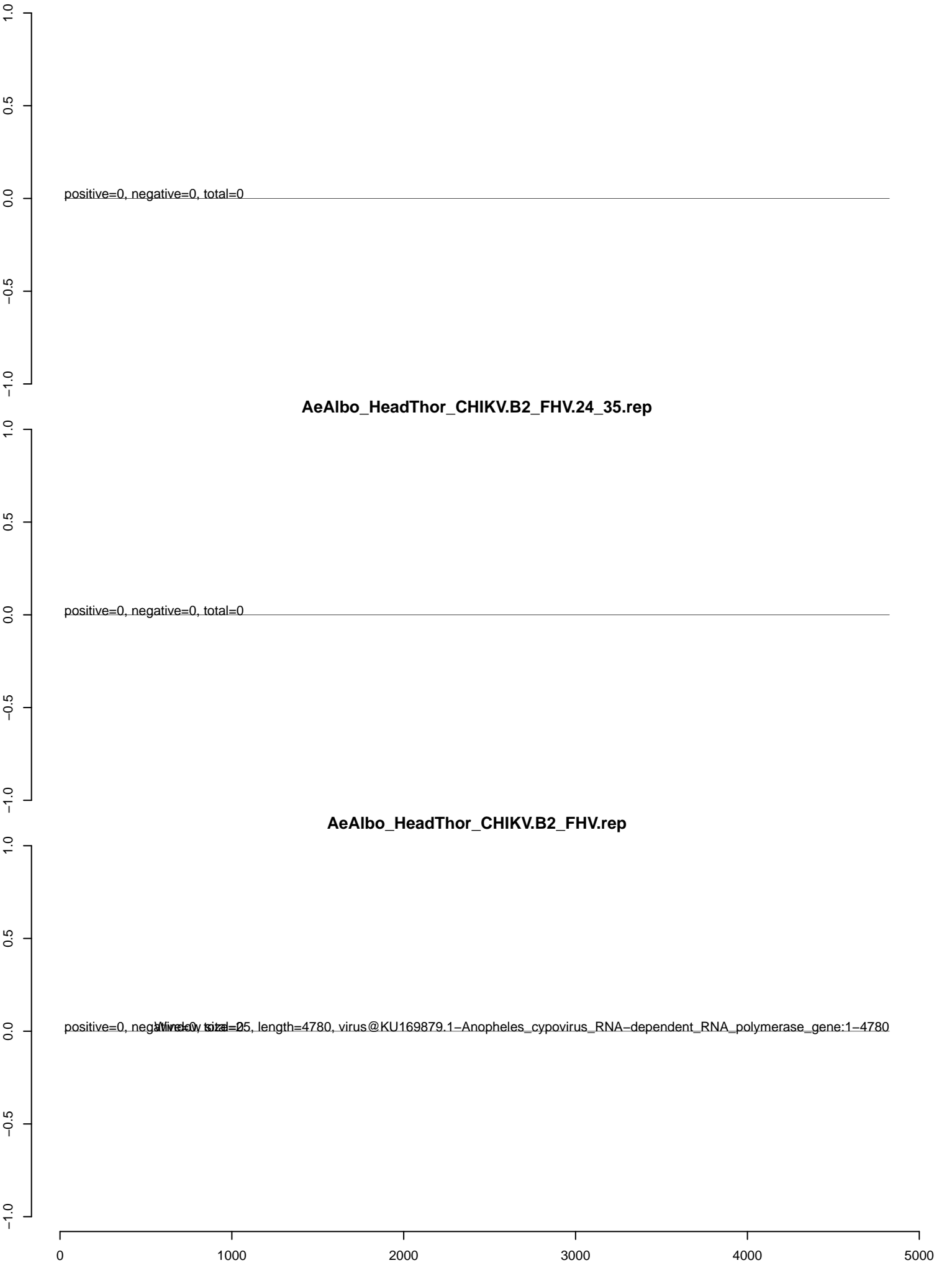
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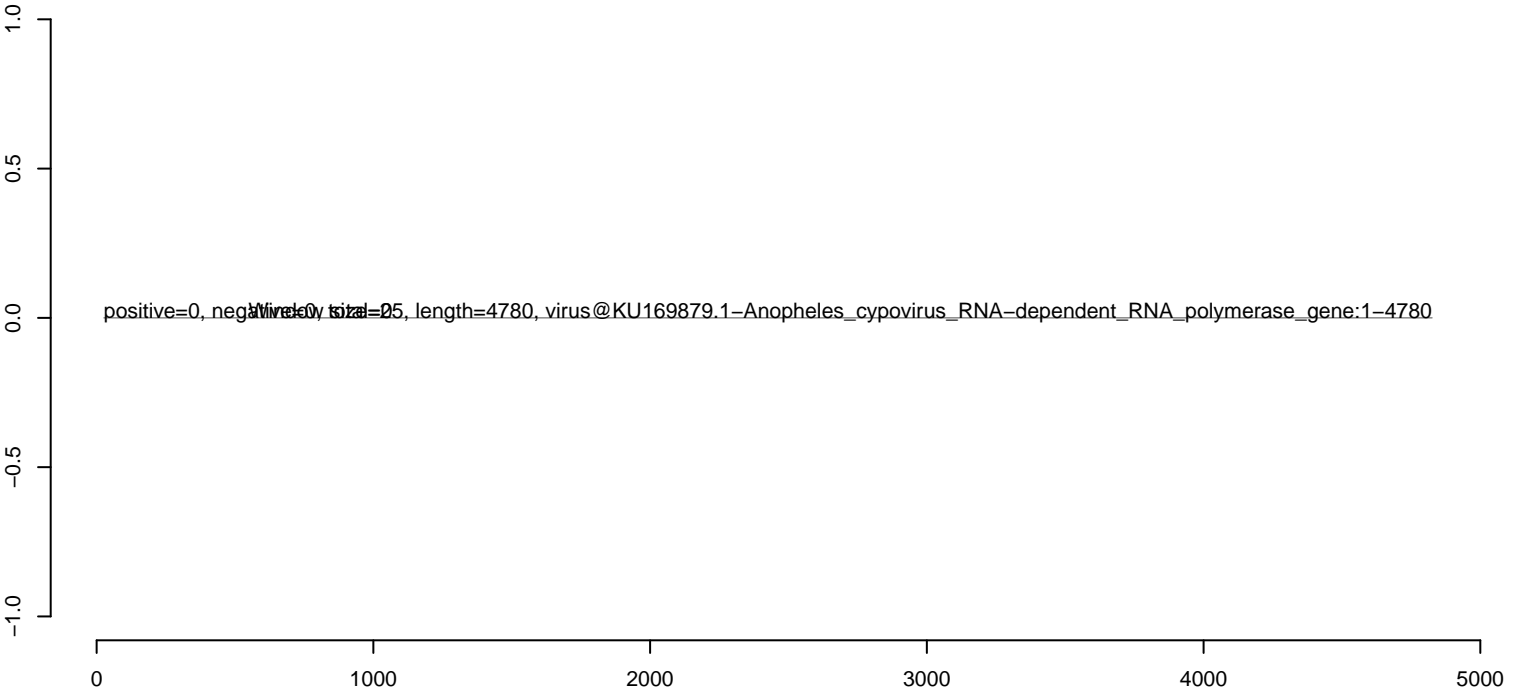
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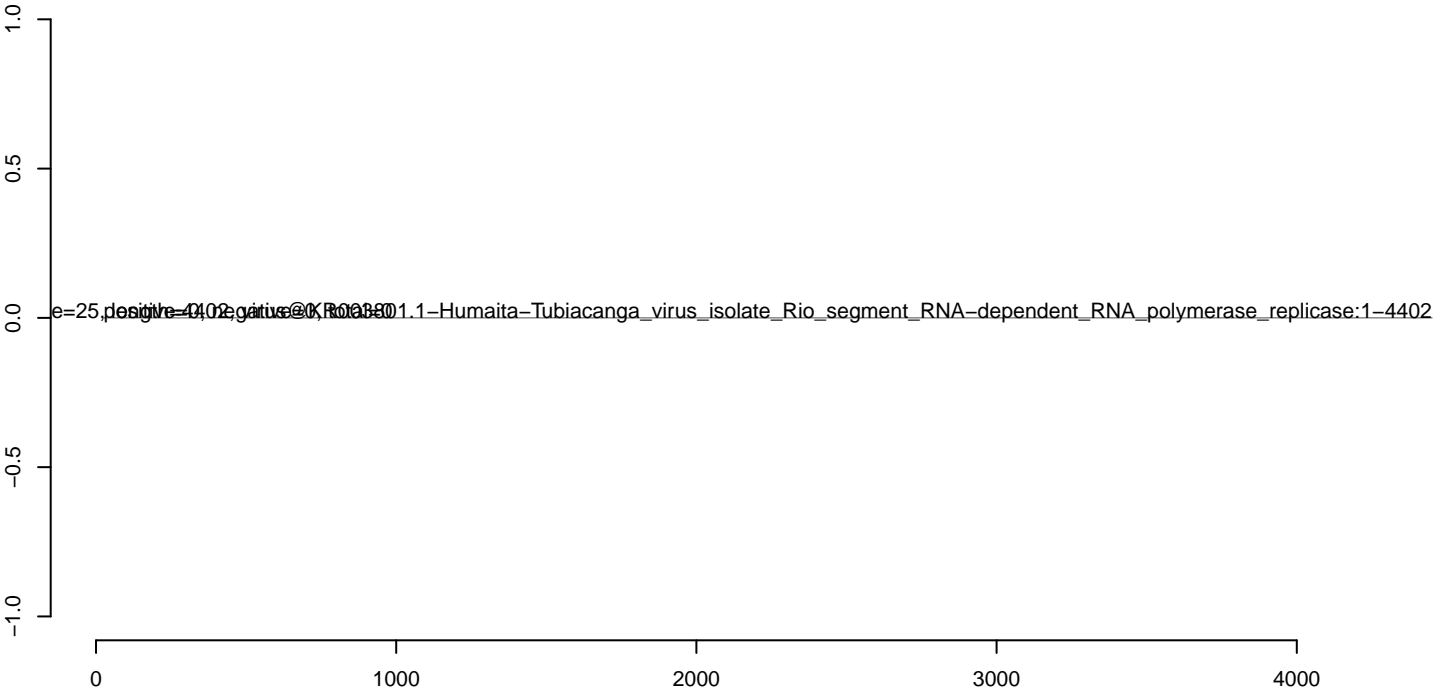
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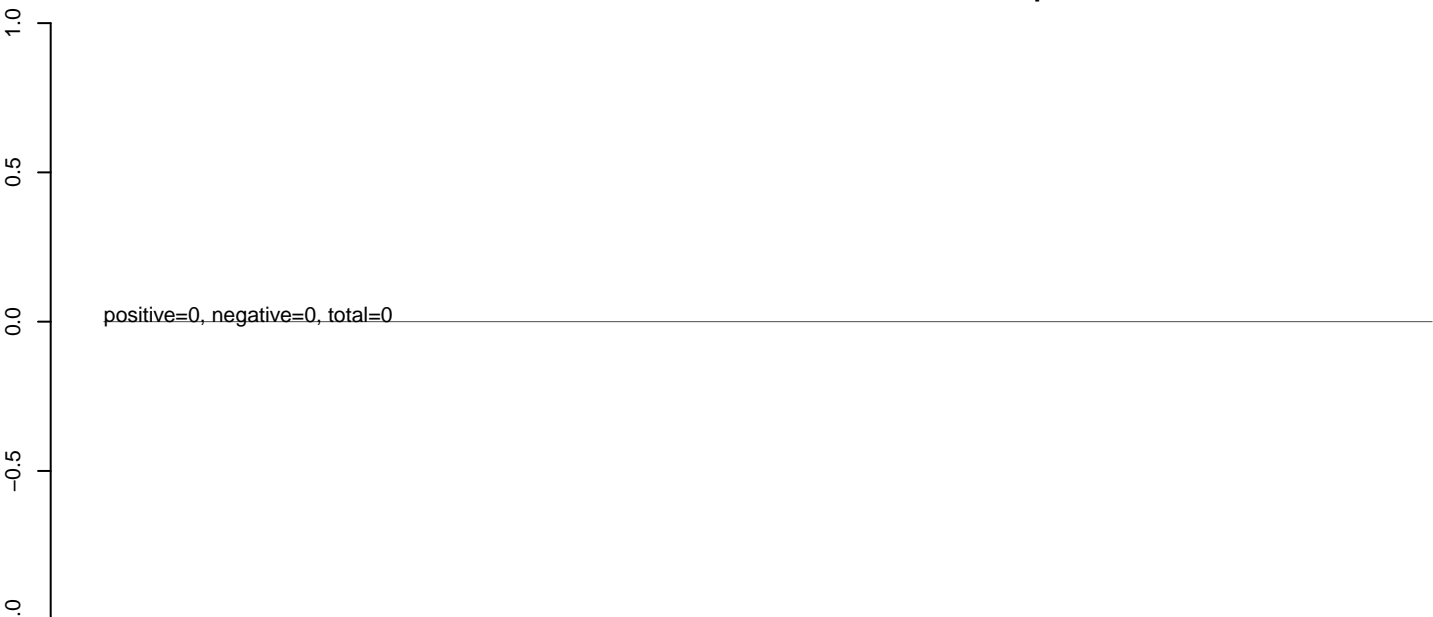
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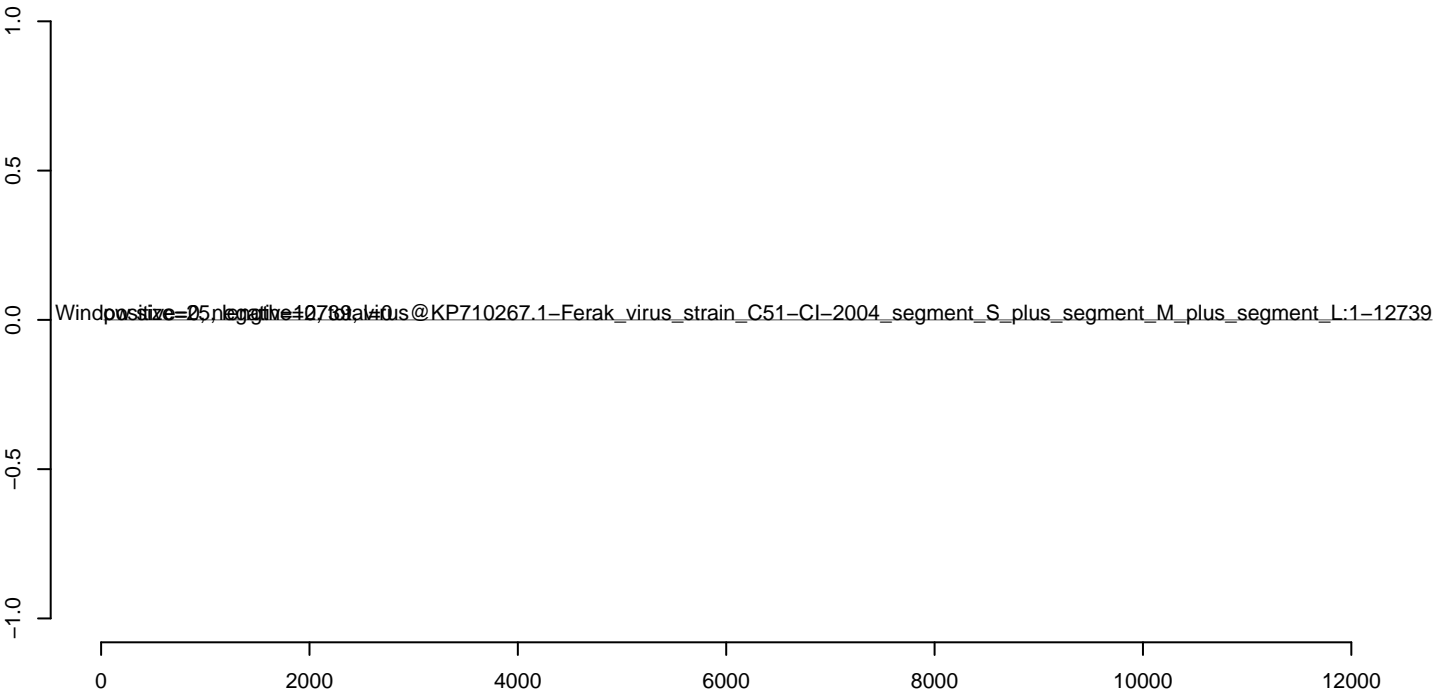
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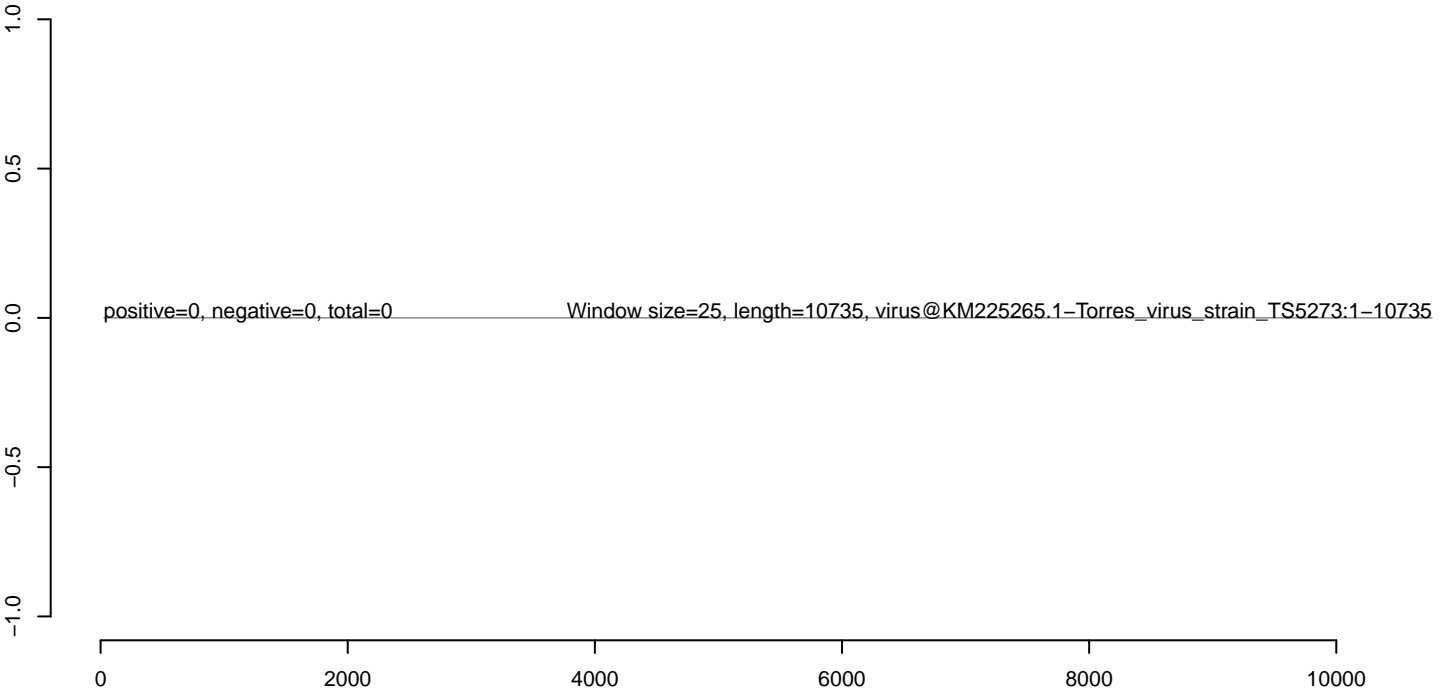
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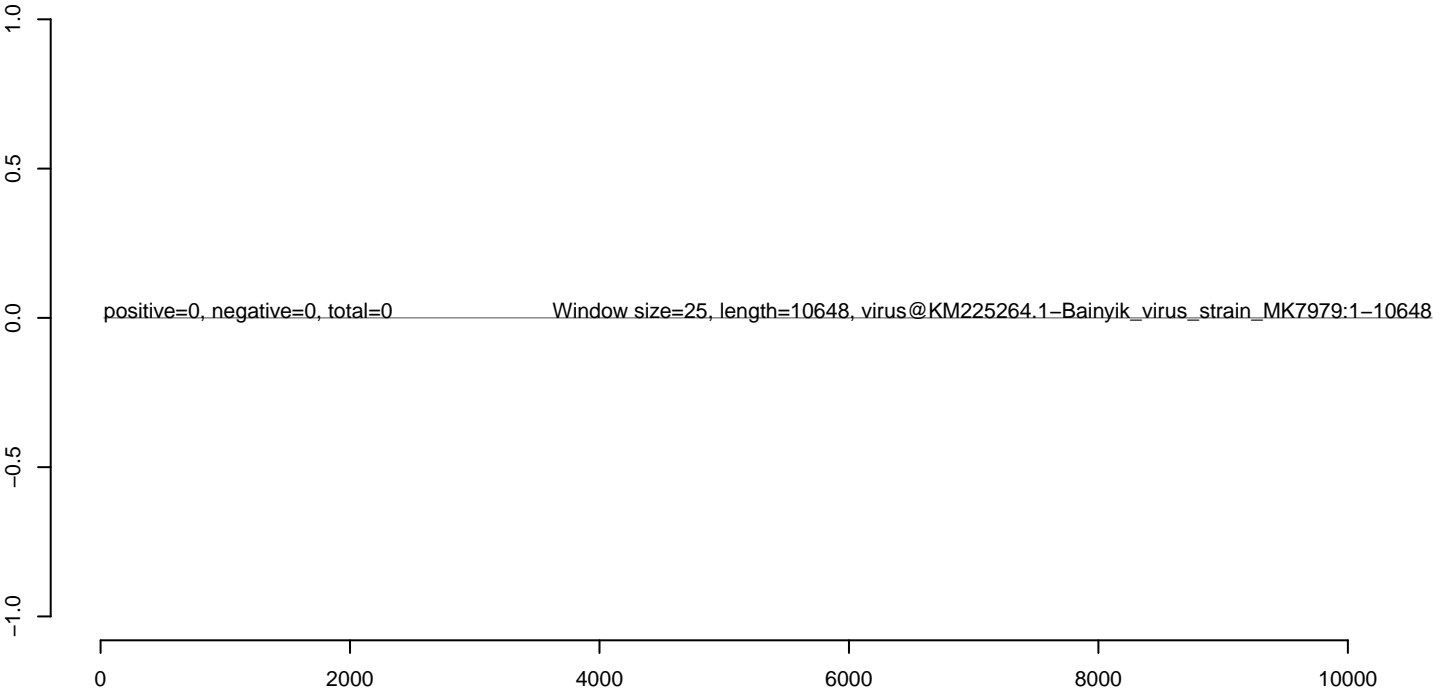
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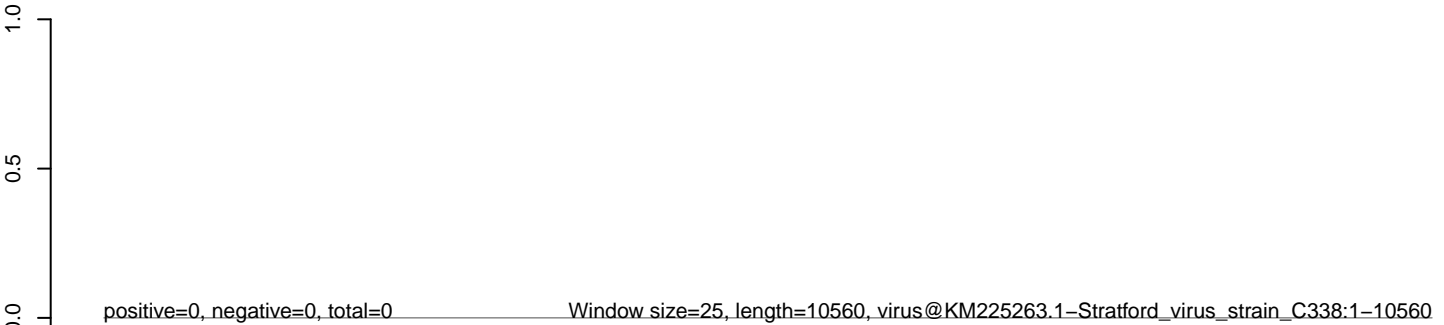
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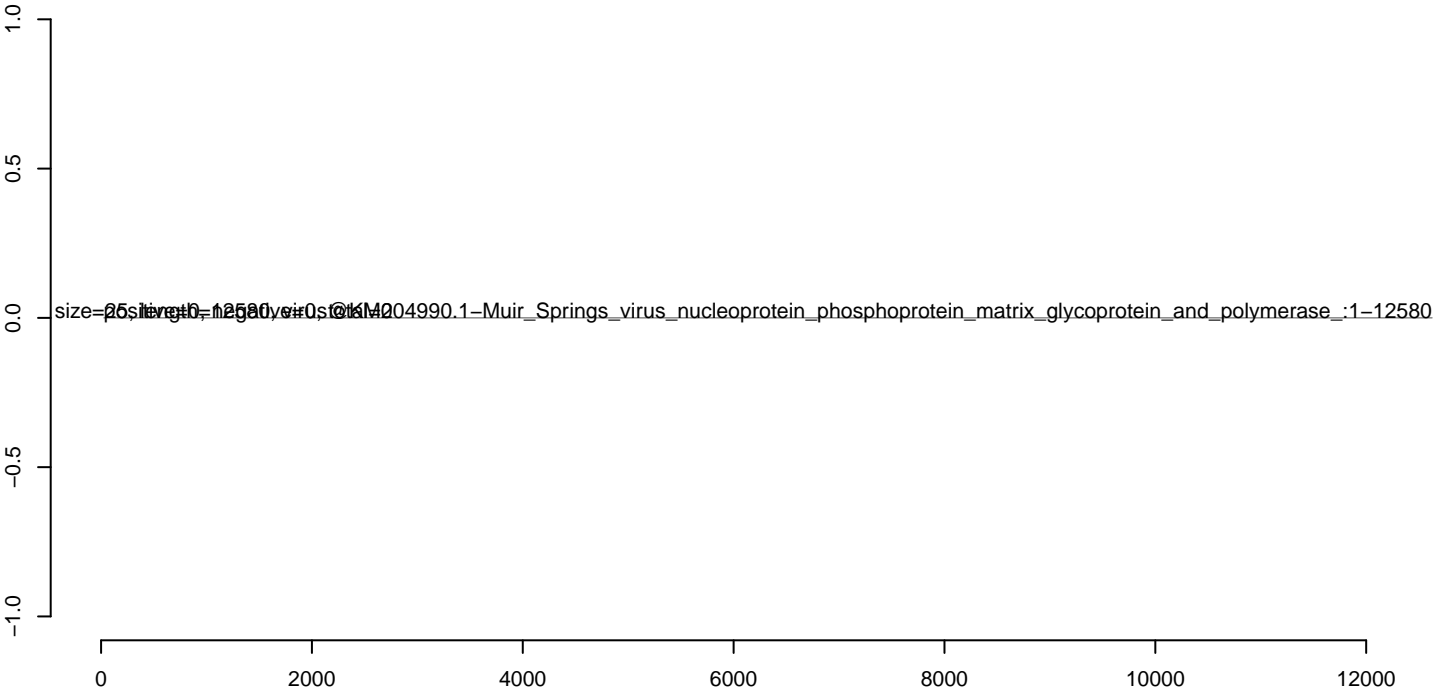
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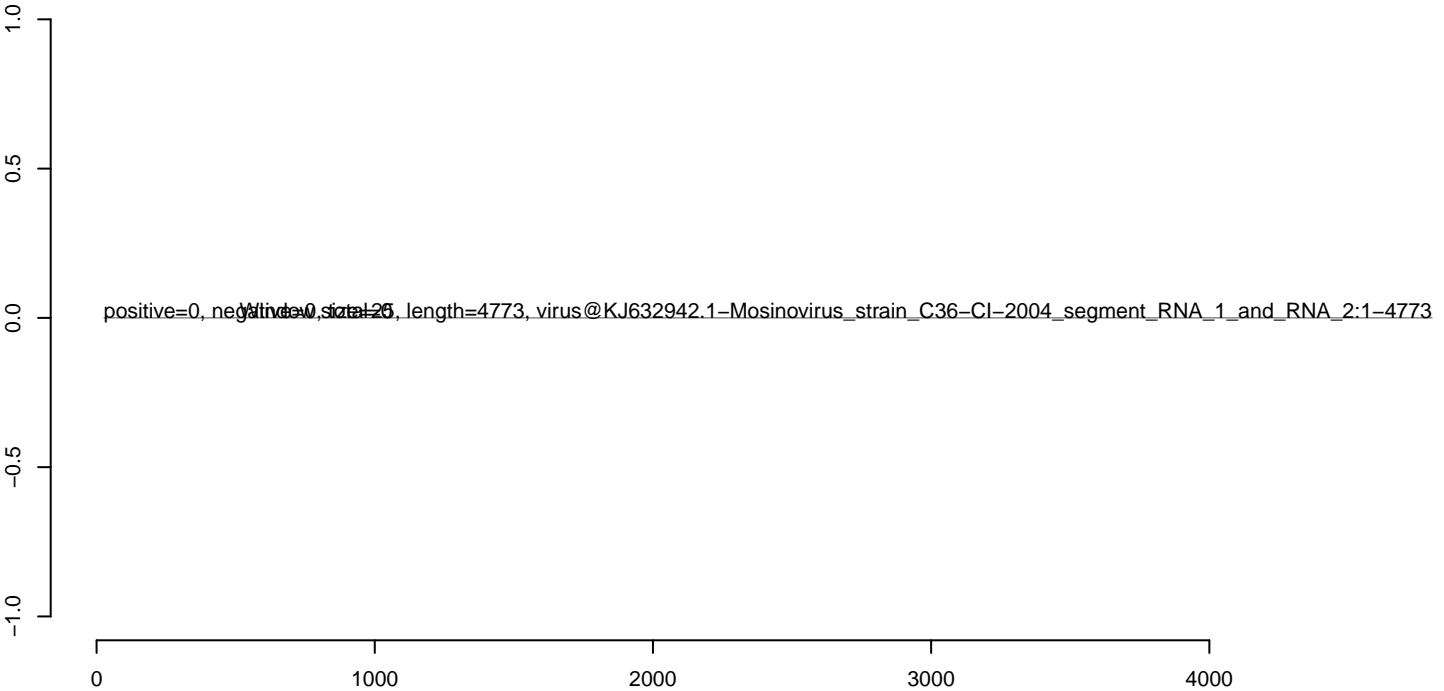
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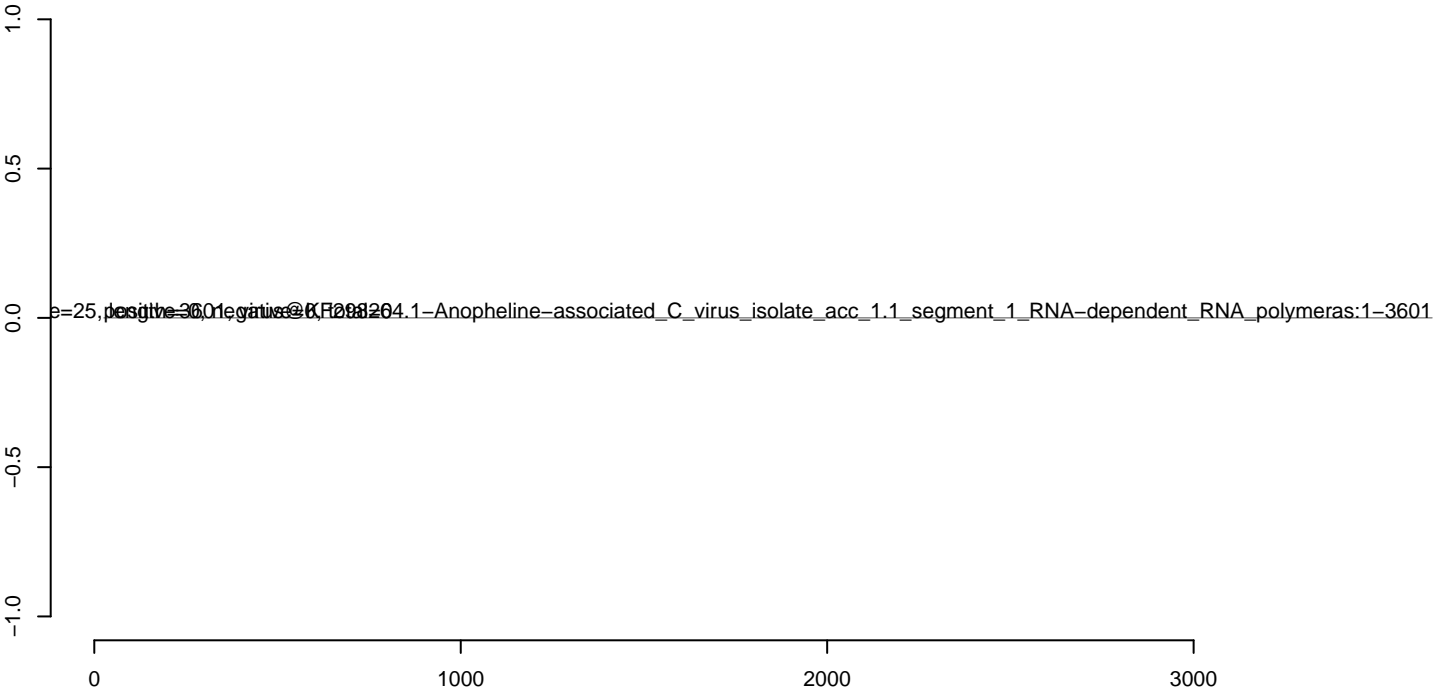
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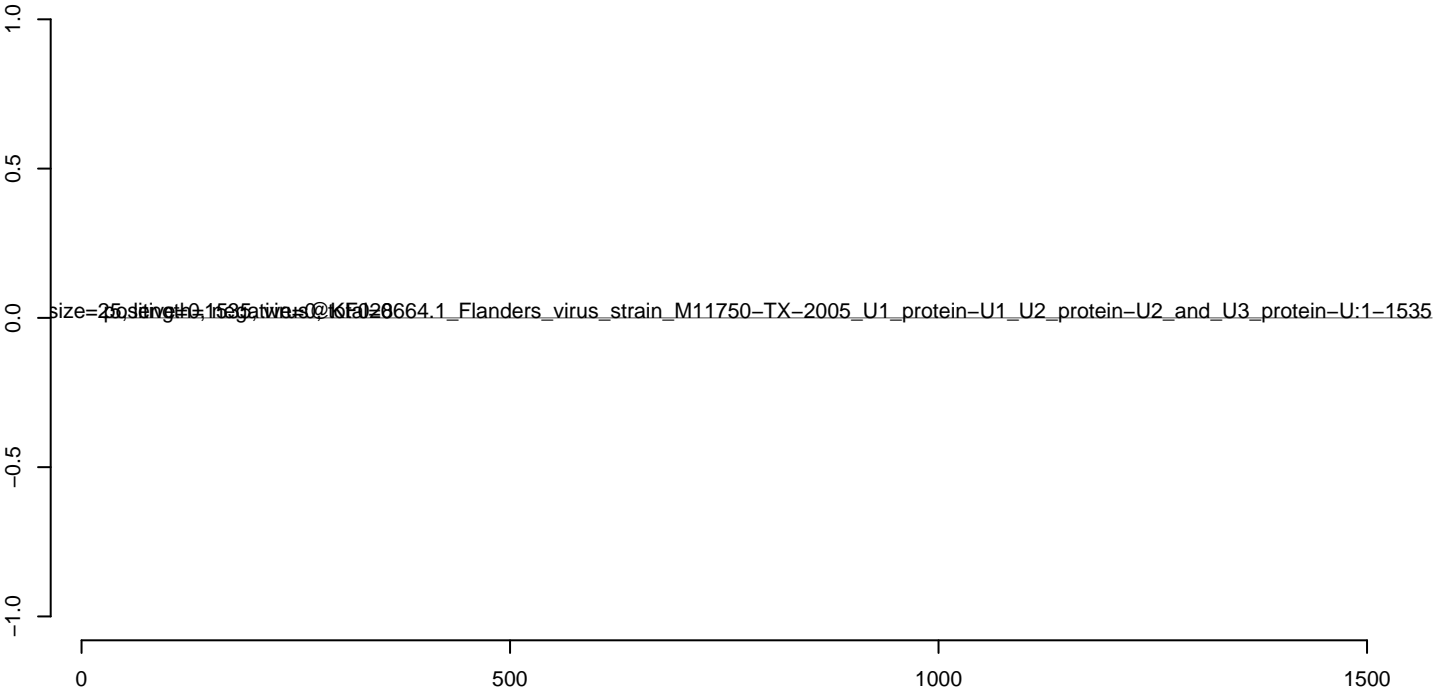
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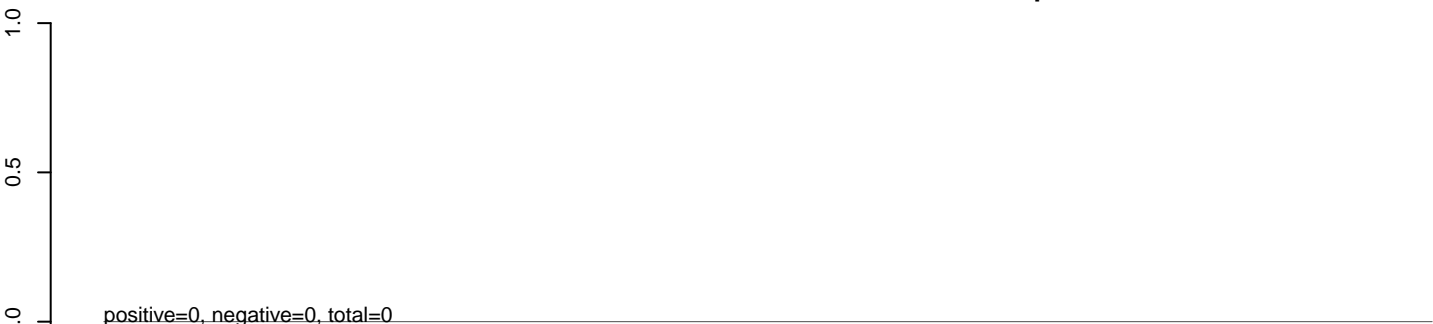
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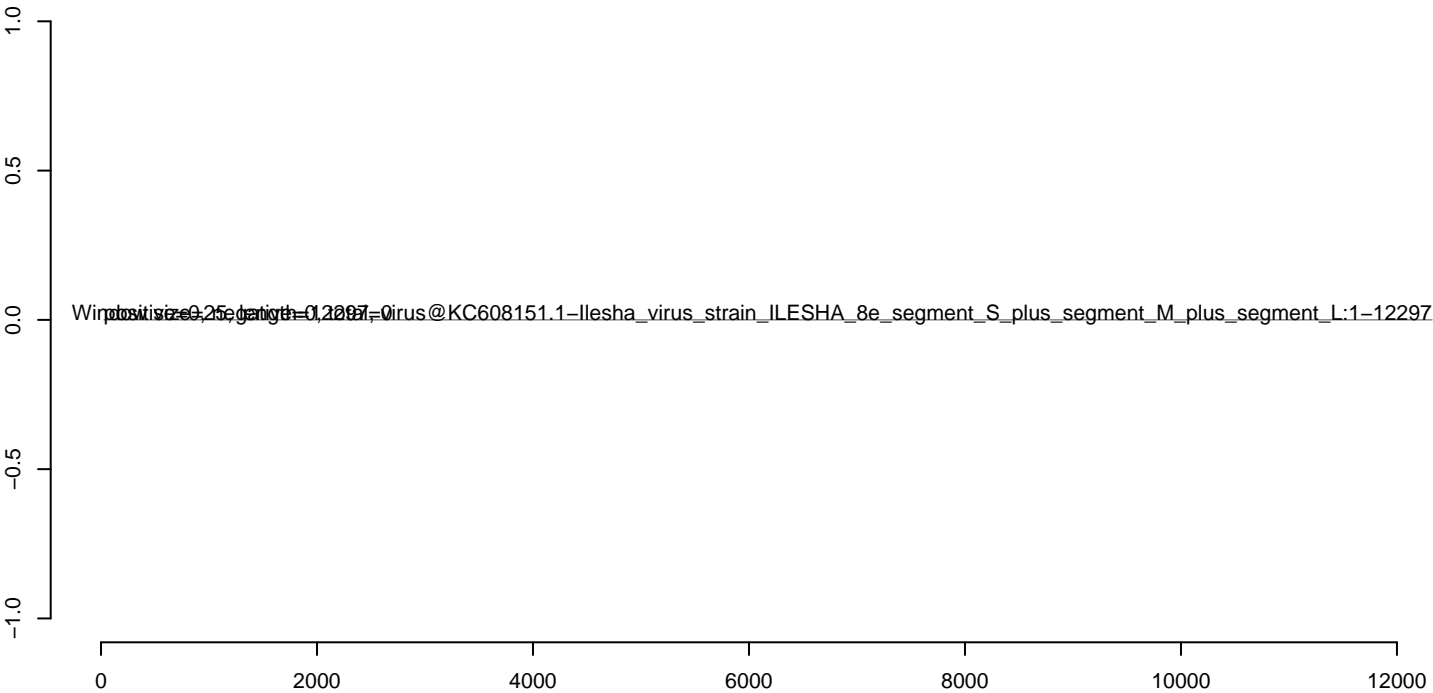
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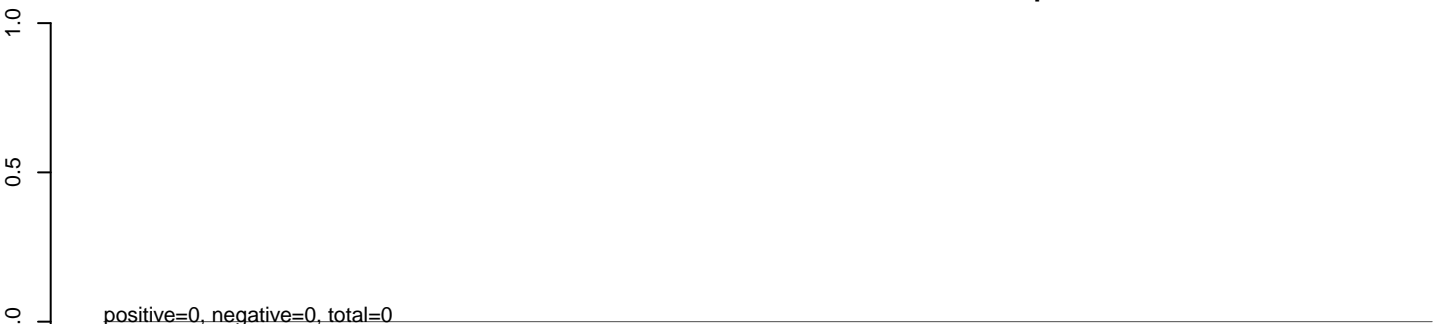
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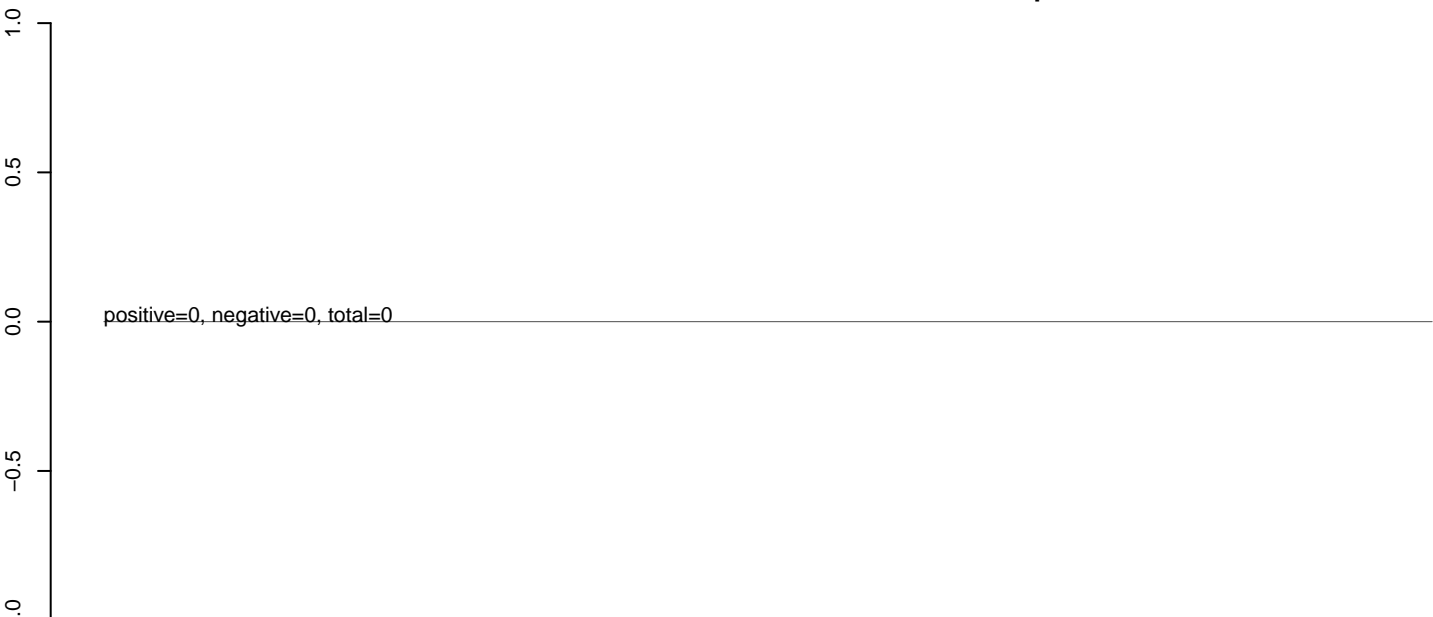


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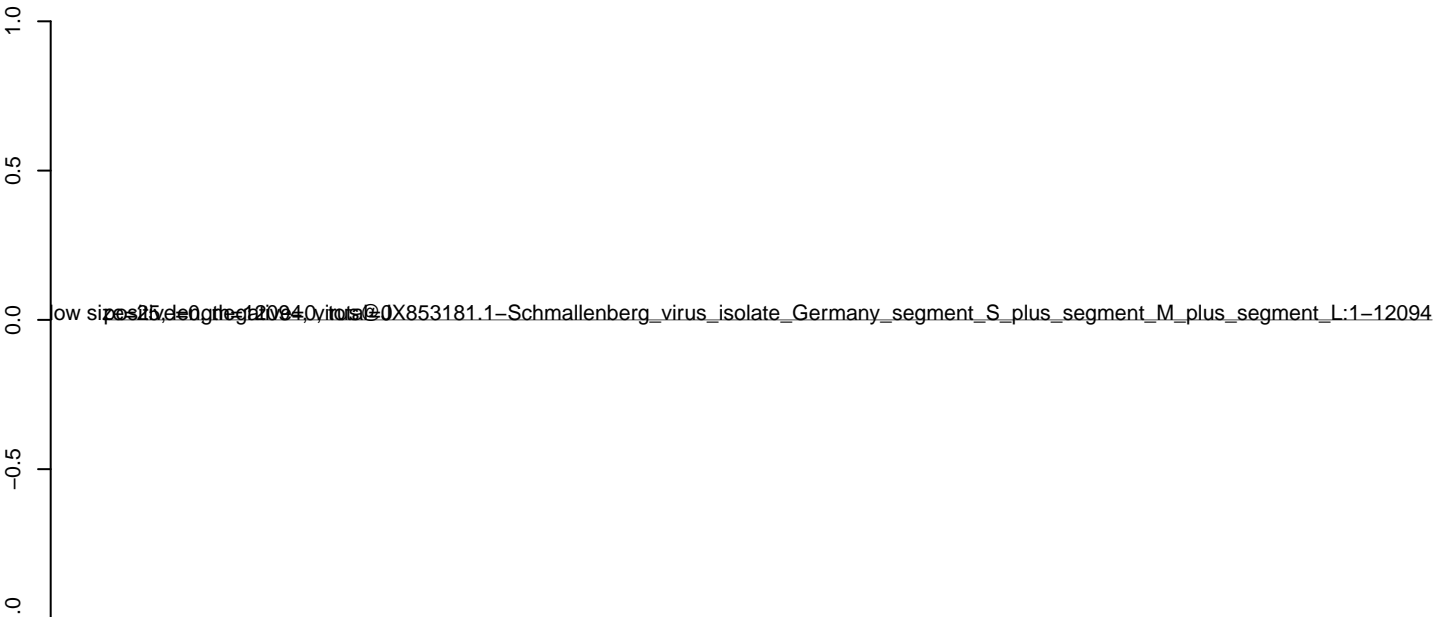
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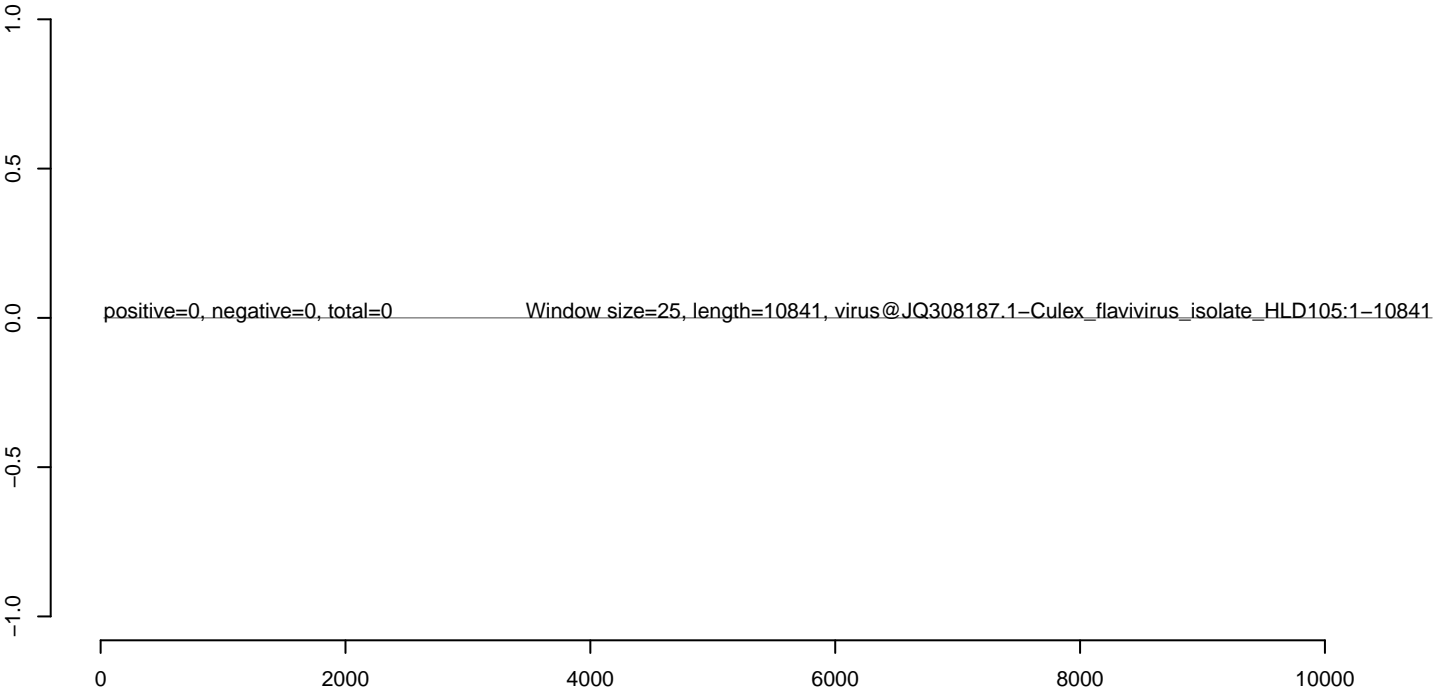
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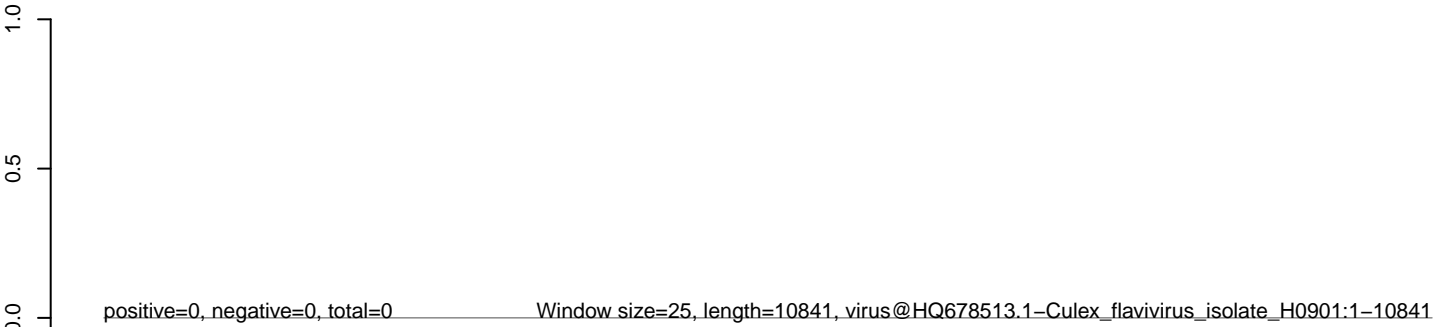
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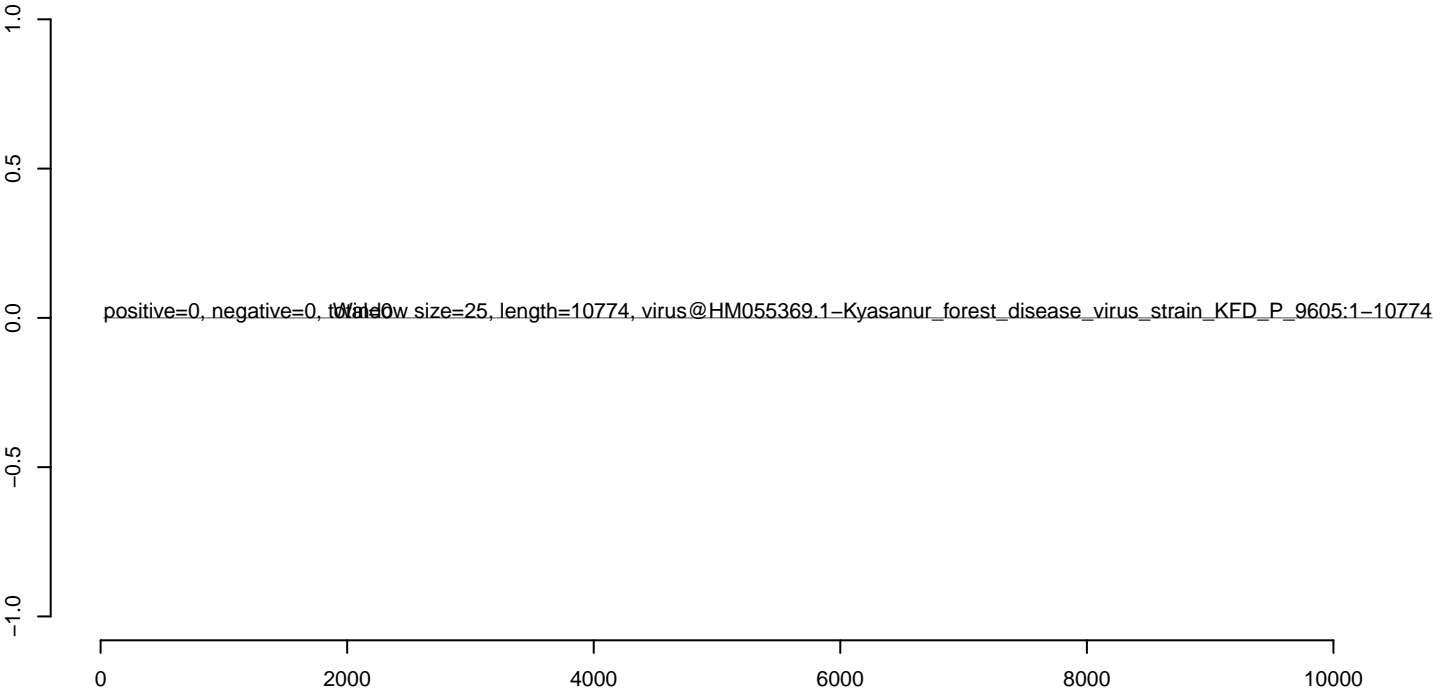
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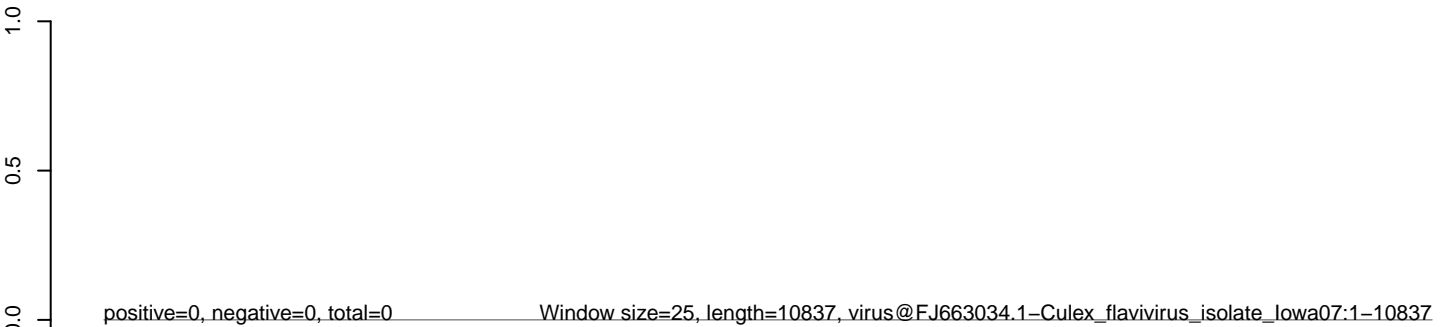
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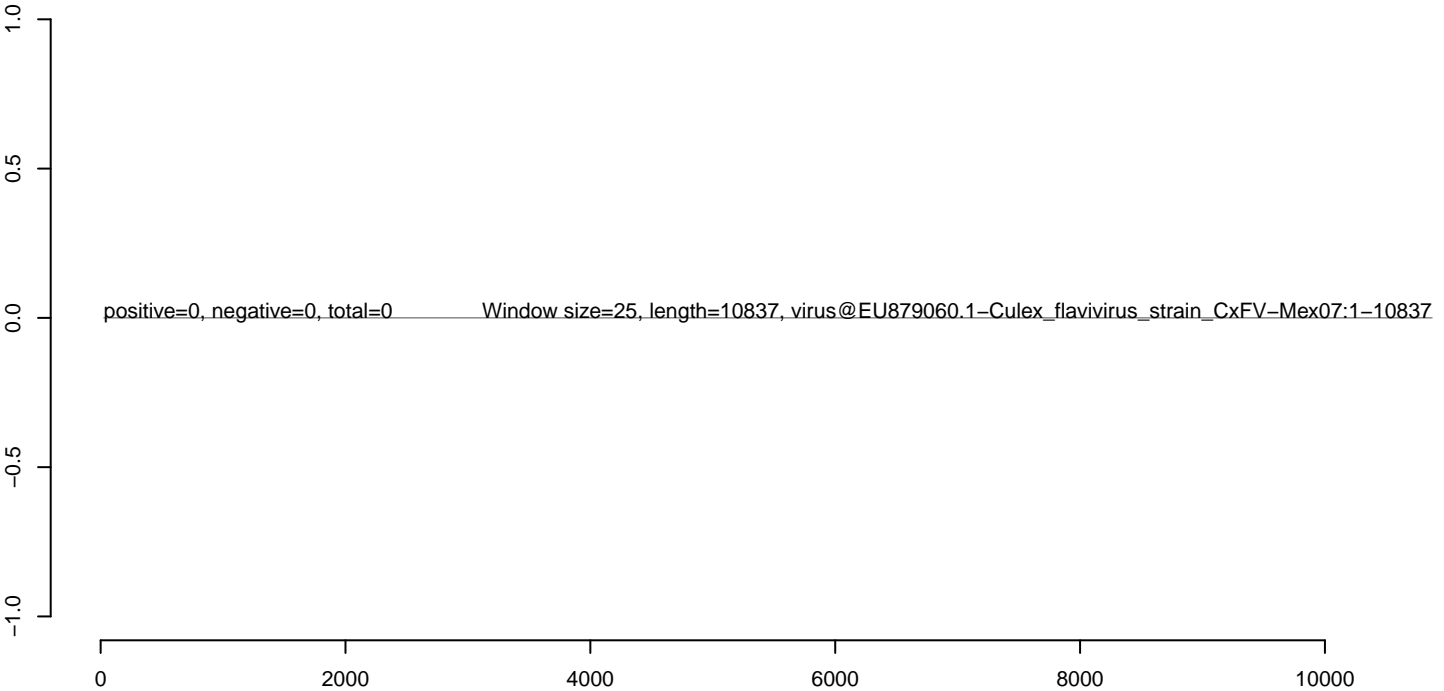
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AeAlbo_HeadThor_CHIKV.B2_FHV.rep



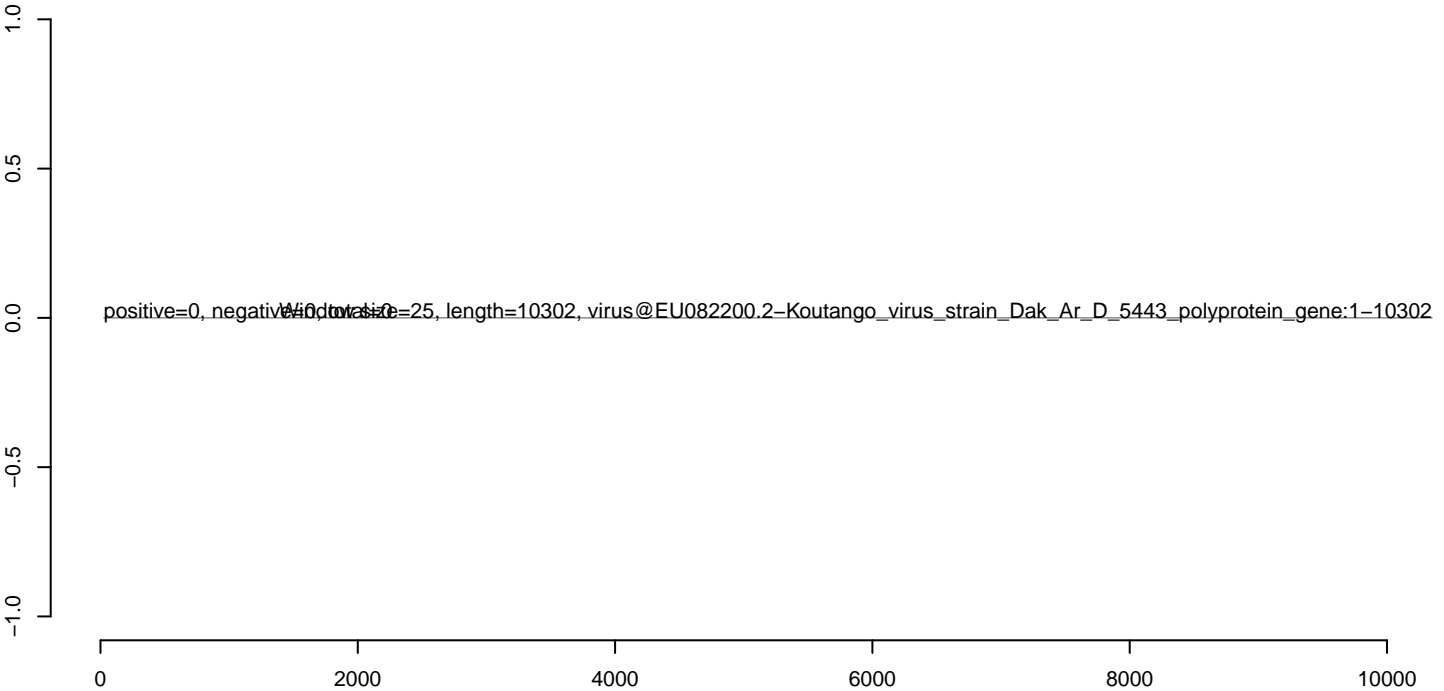
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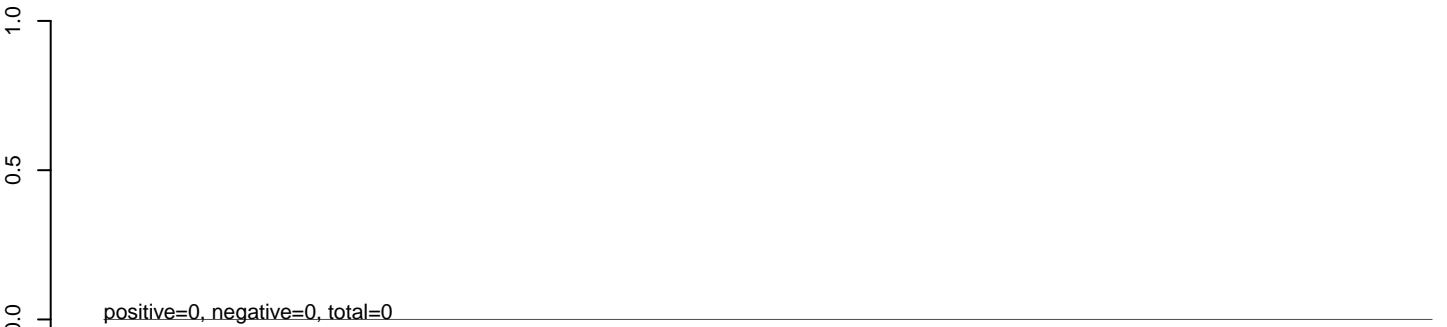
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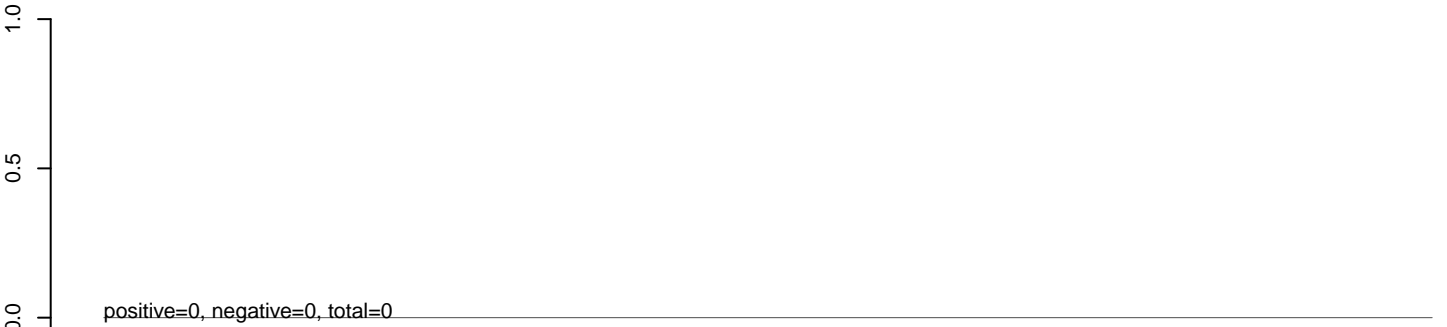
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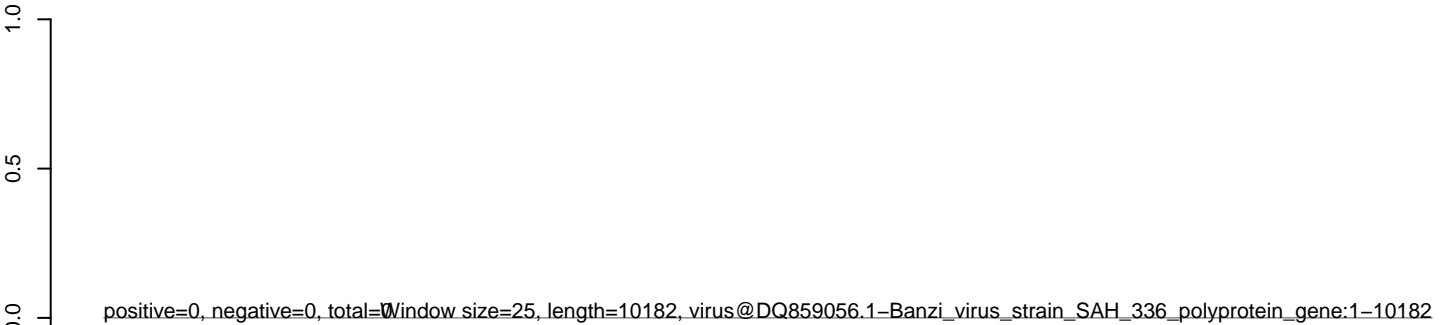
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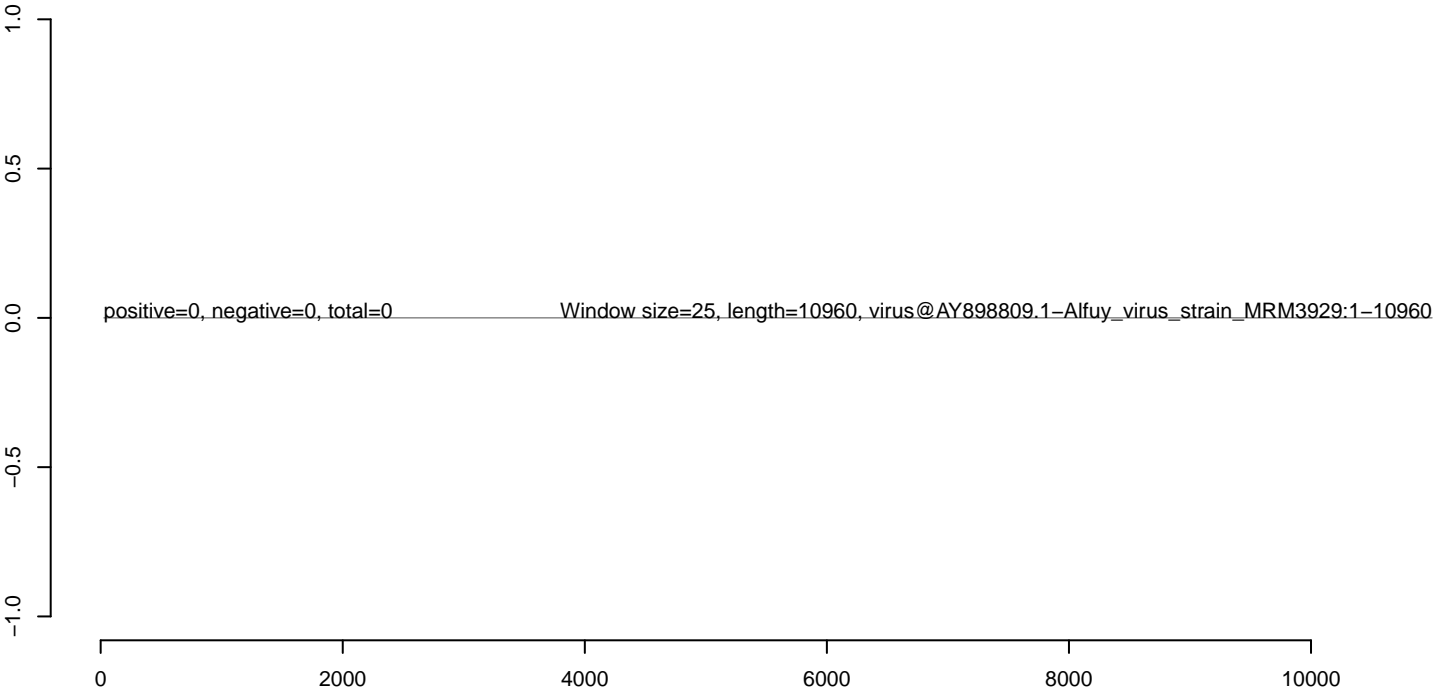
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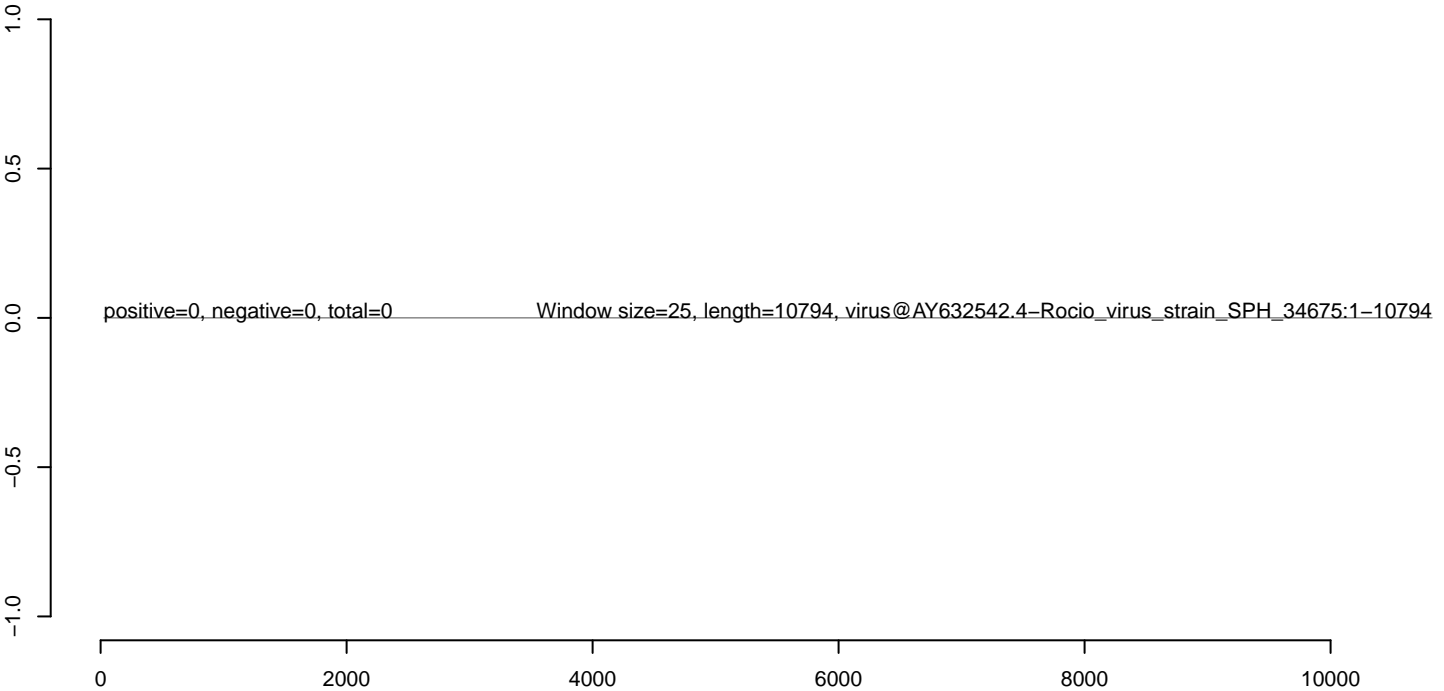
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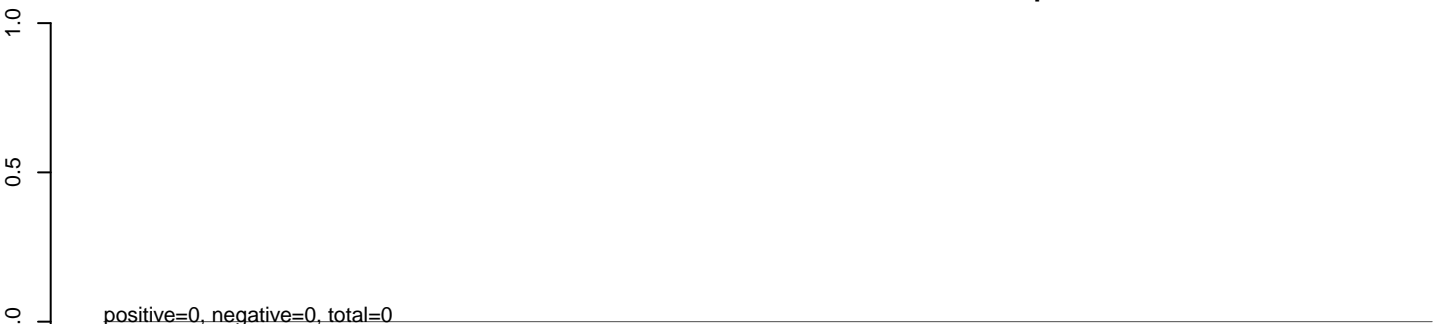
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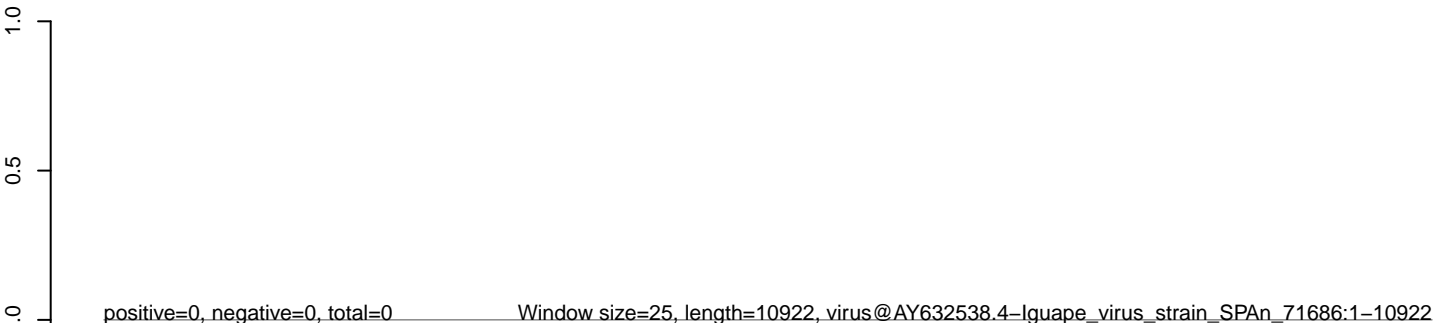
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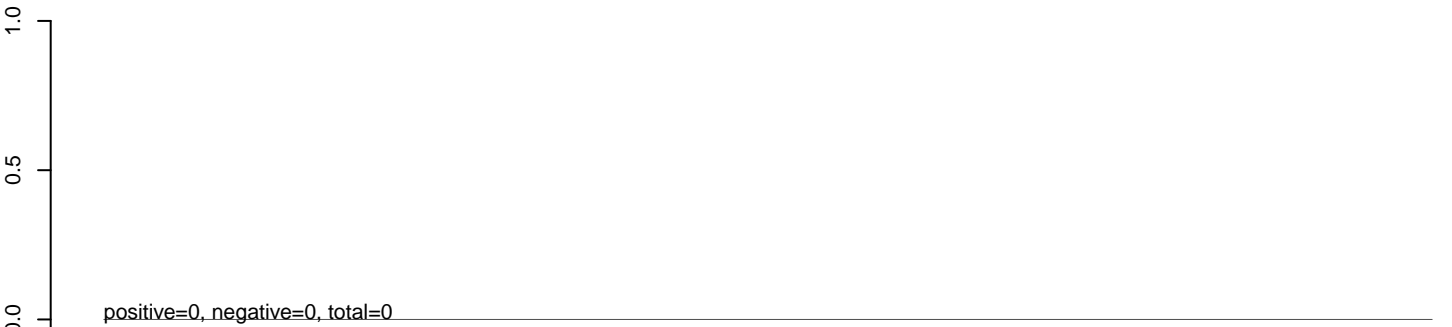


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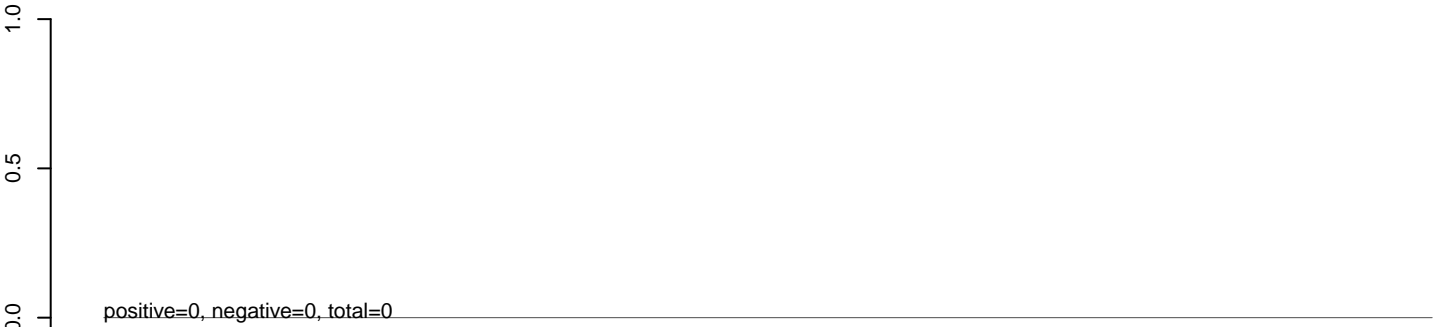


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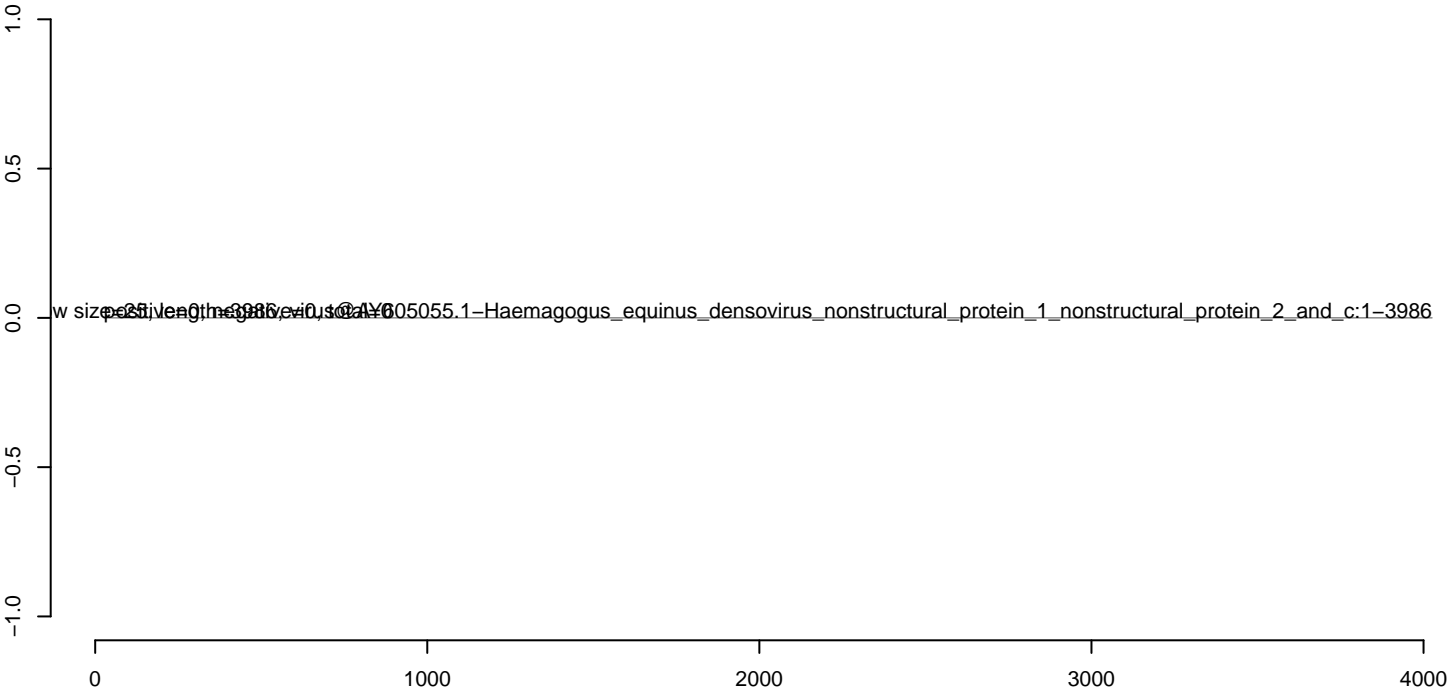
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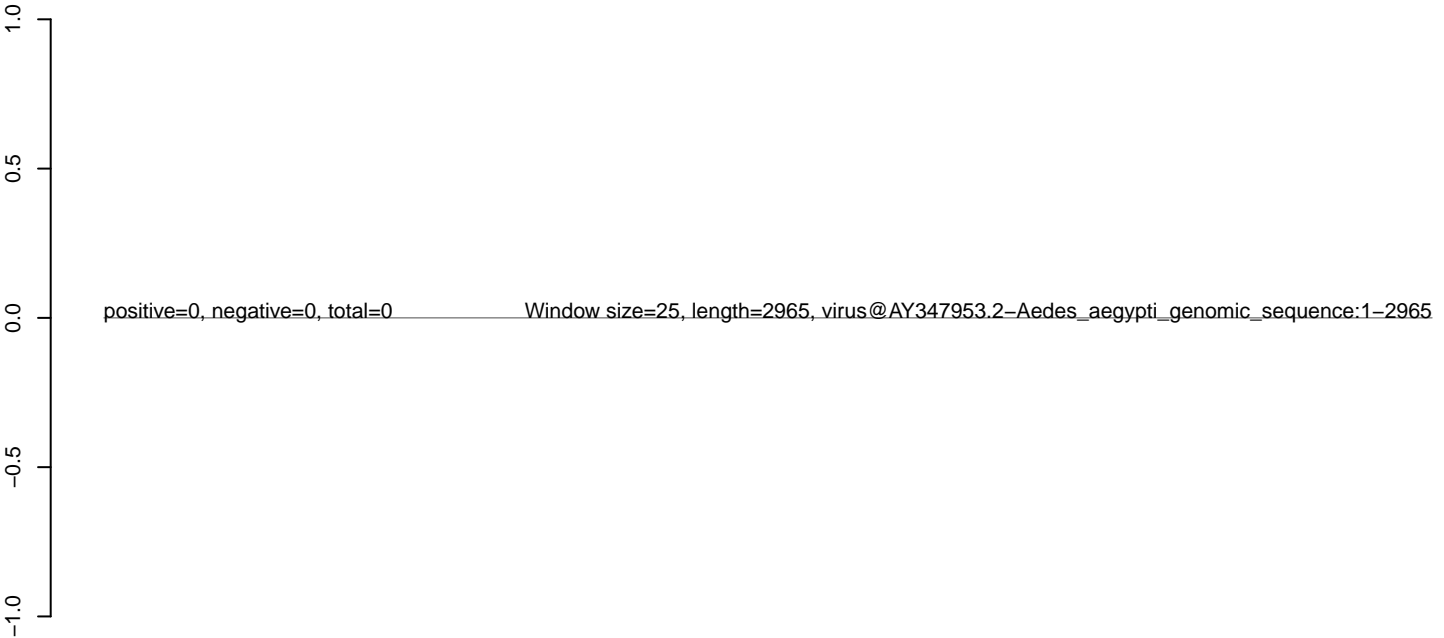
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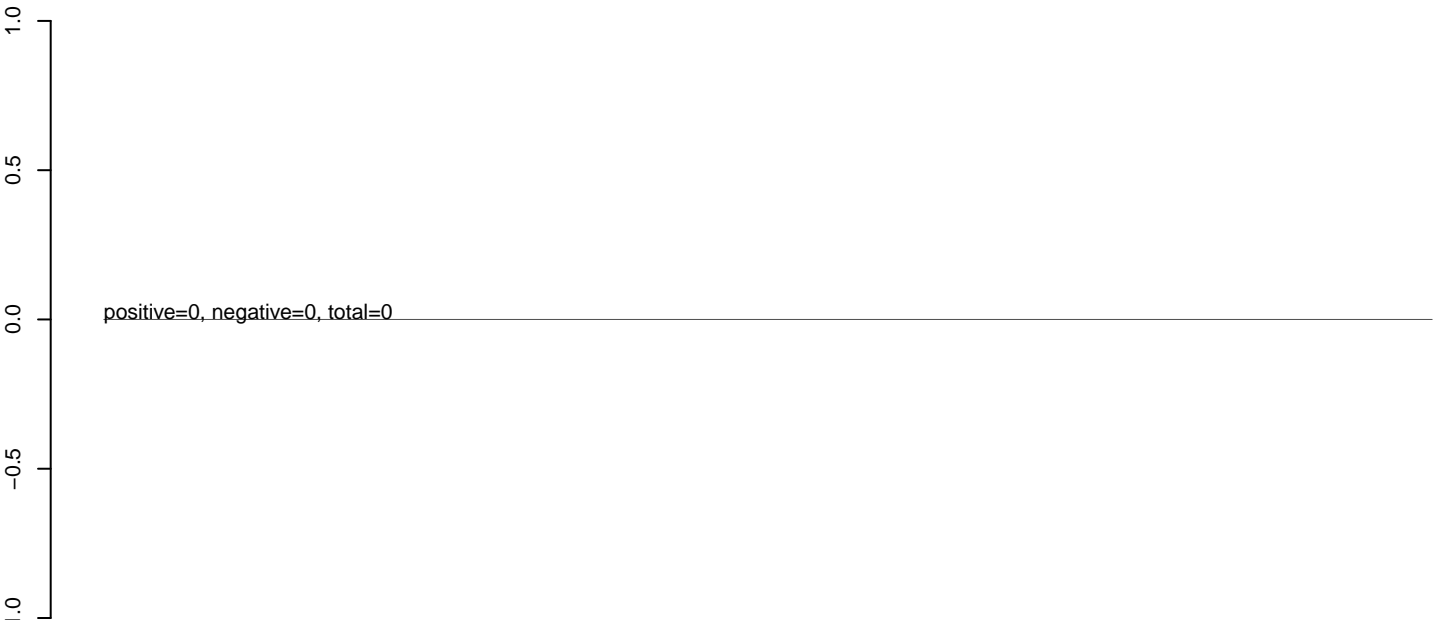
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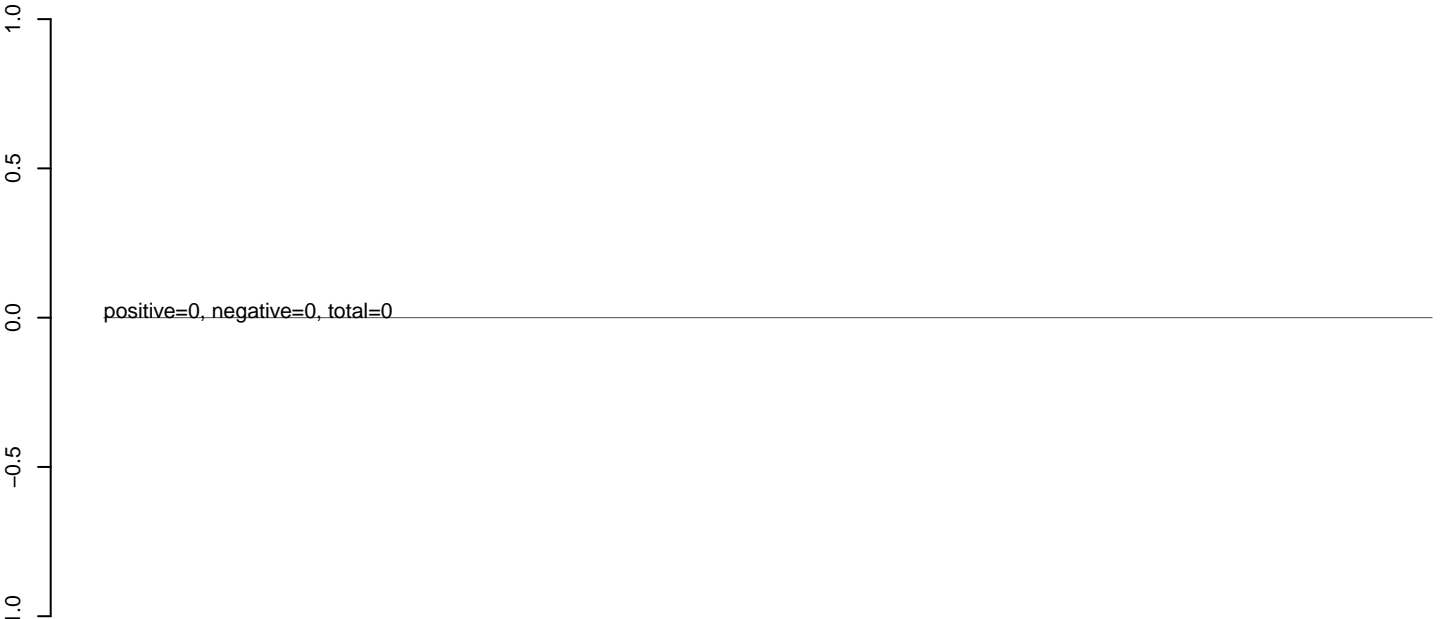
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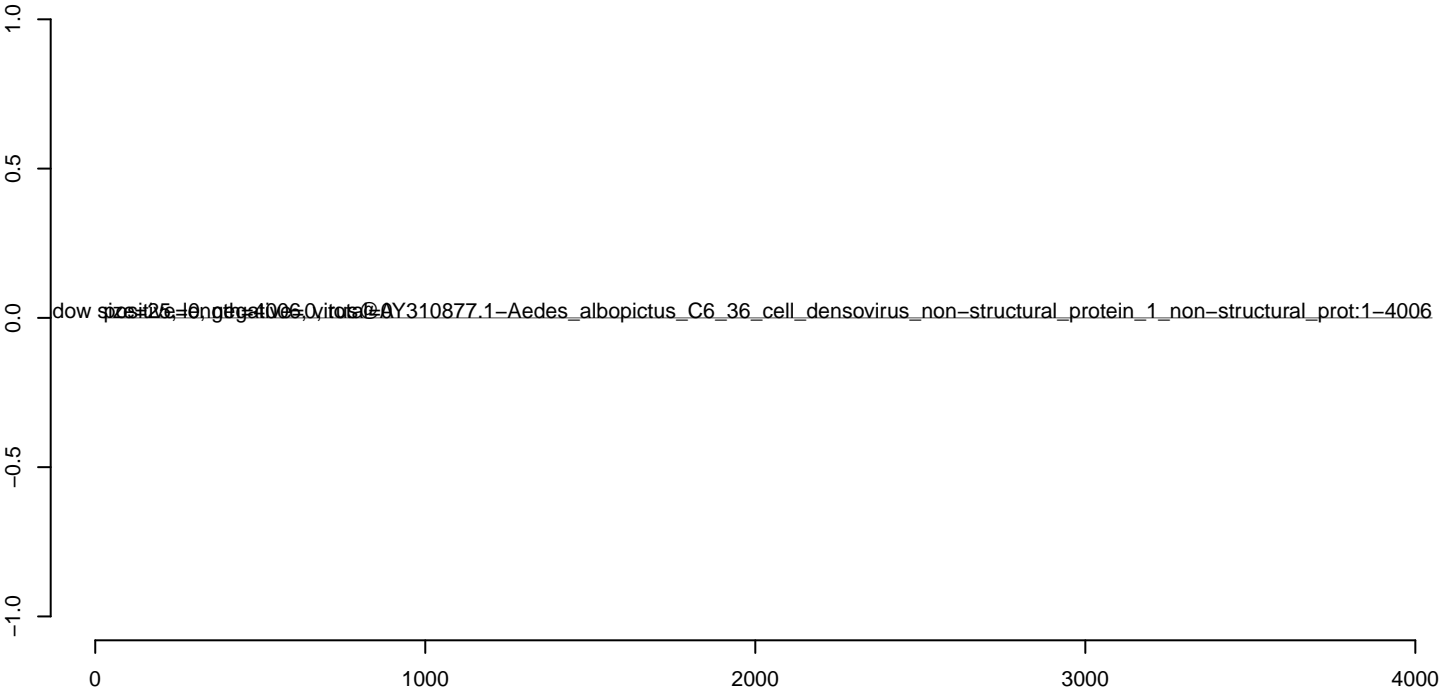
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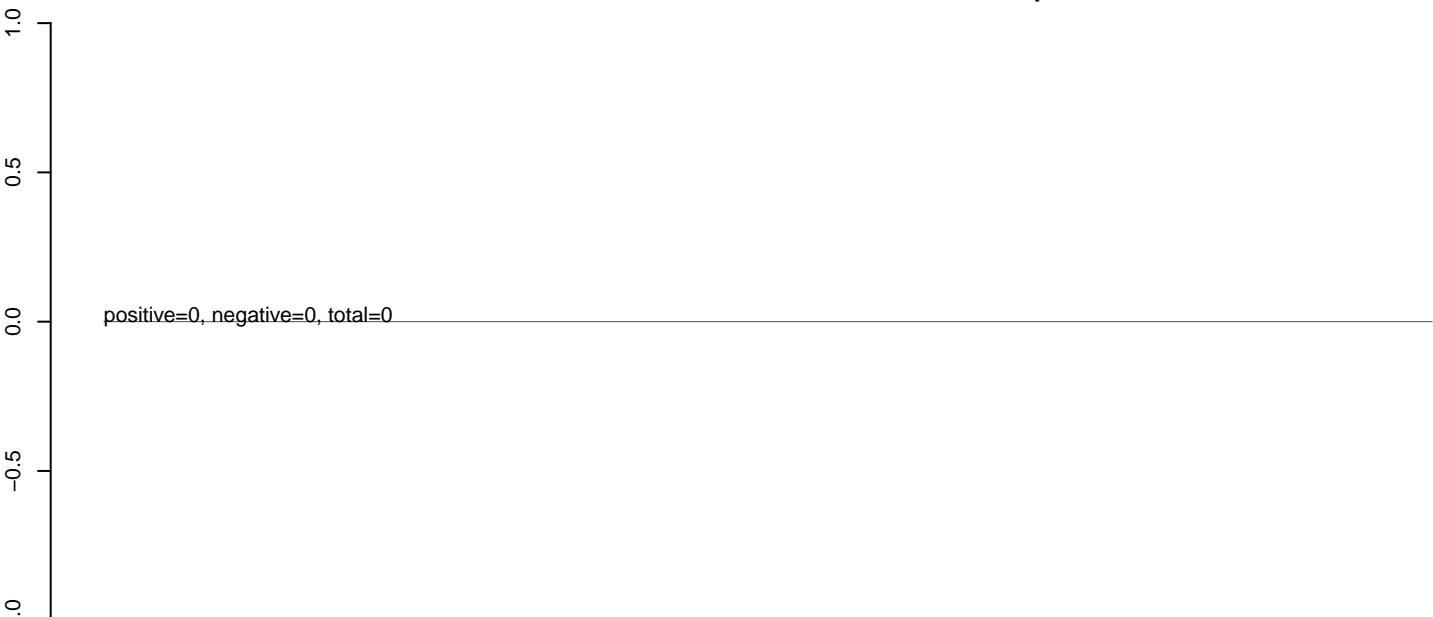
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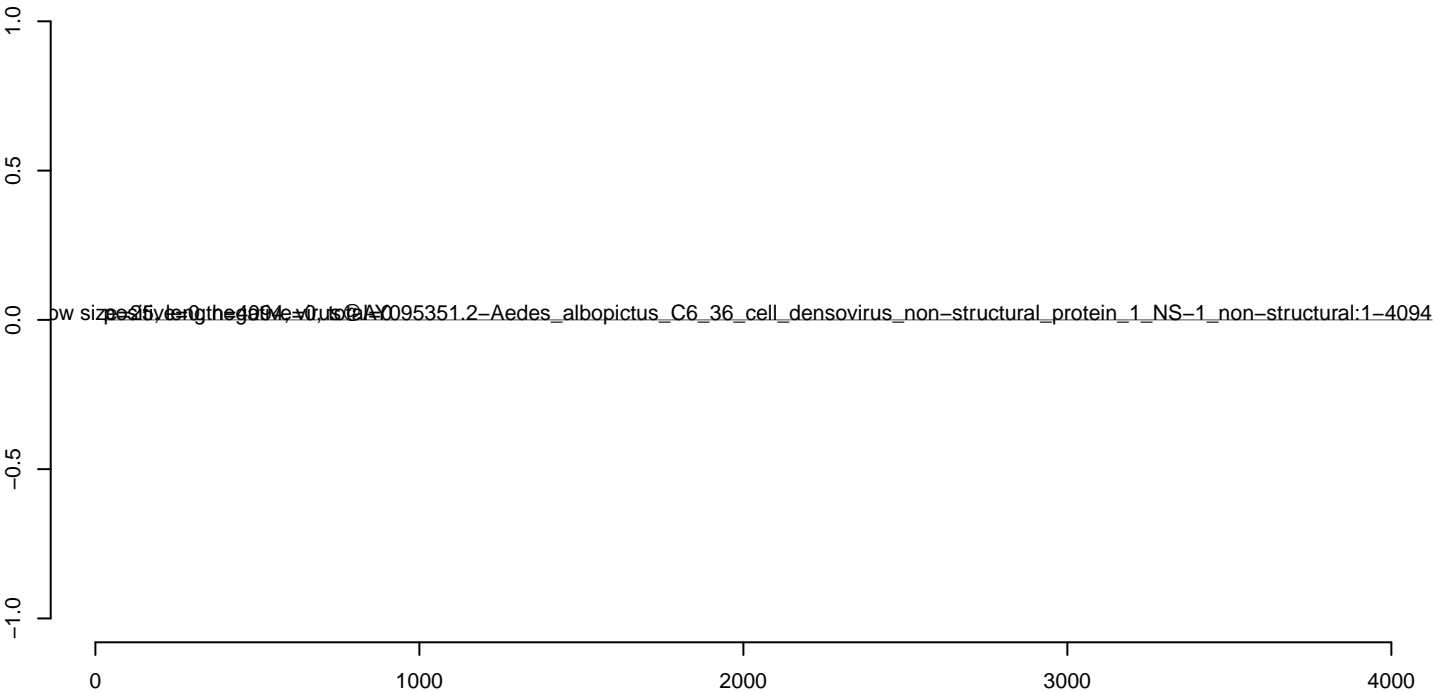
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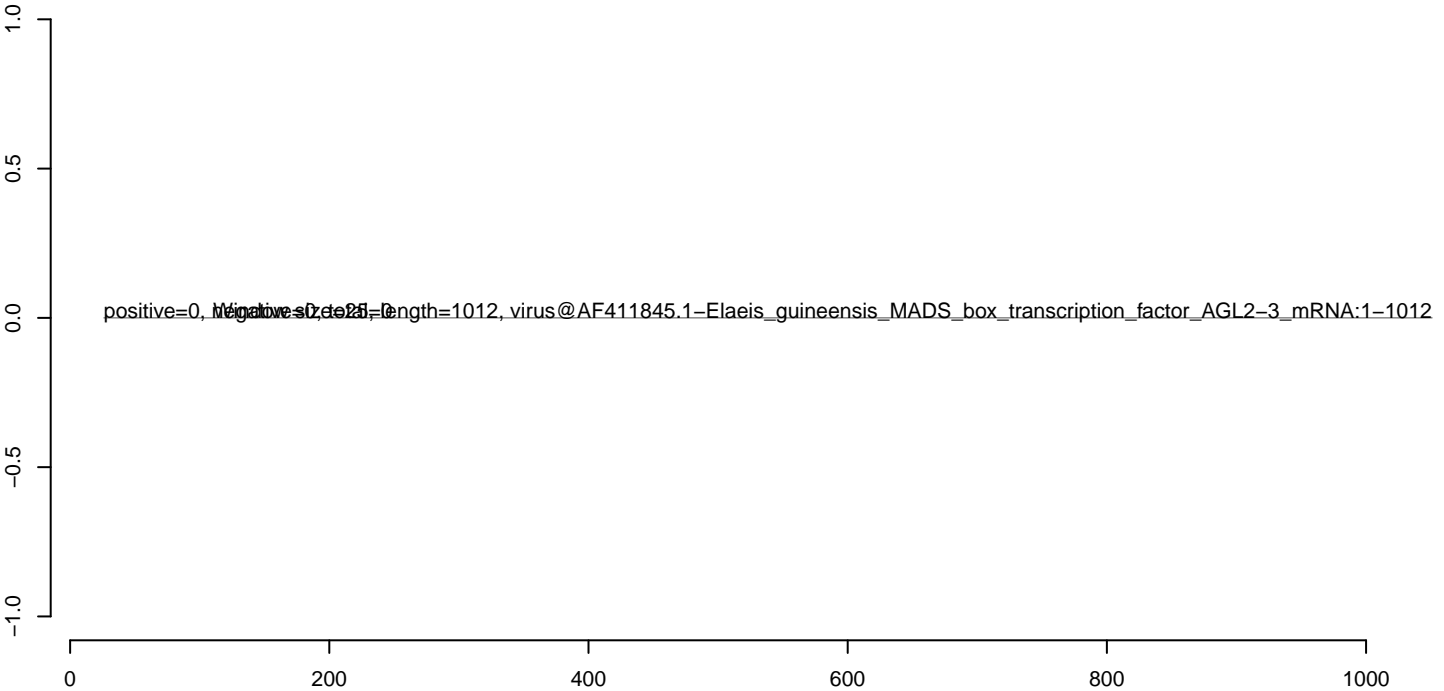
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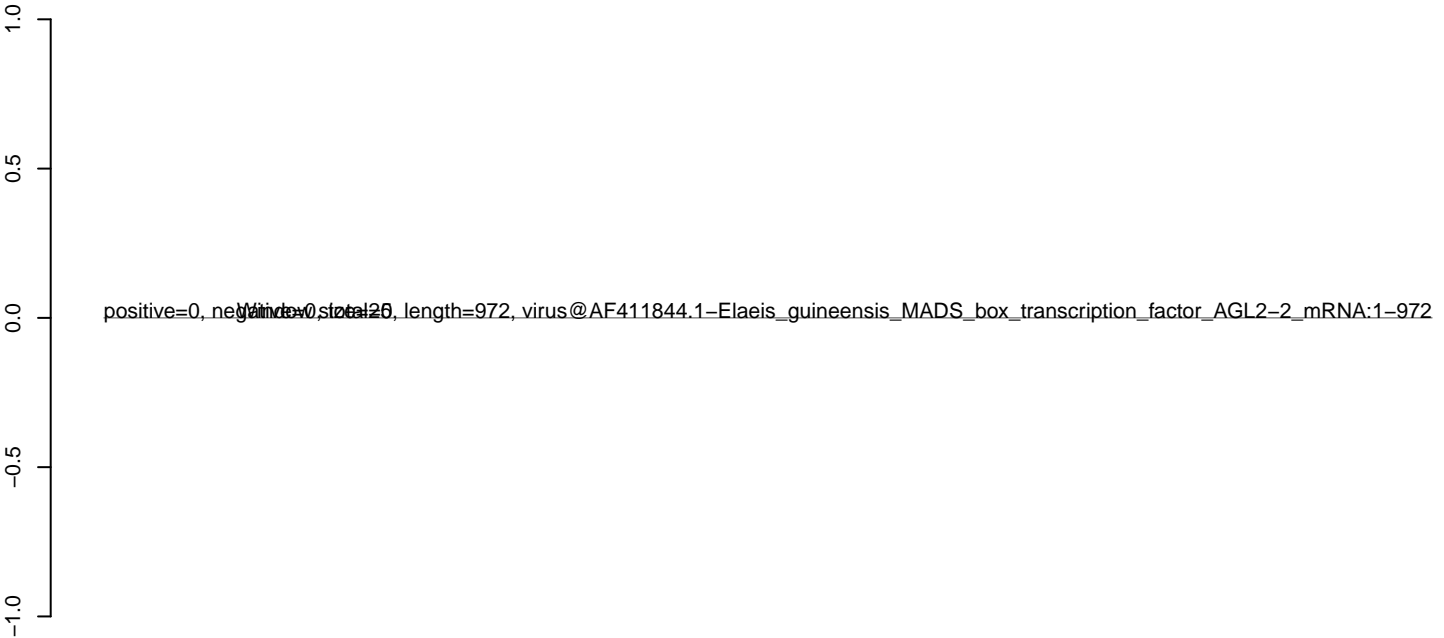
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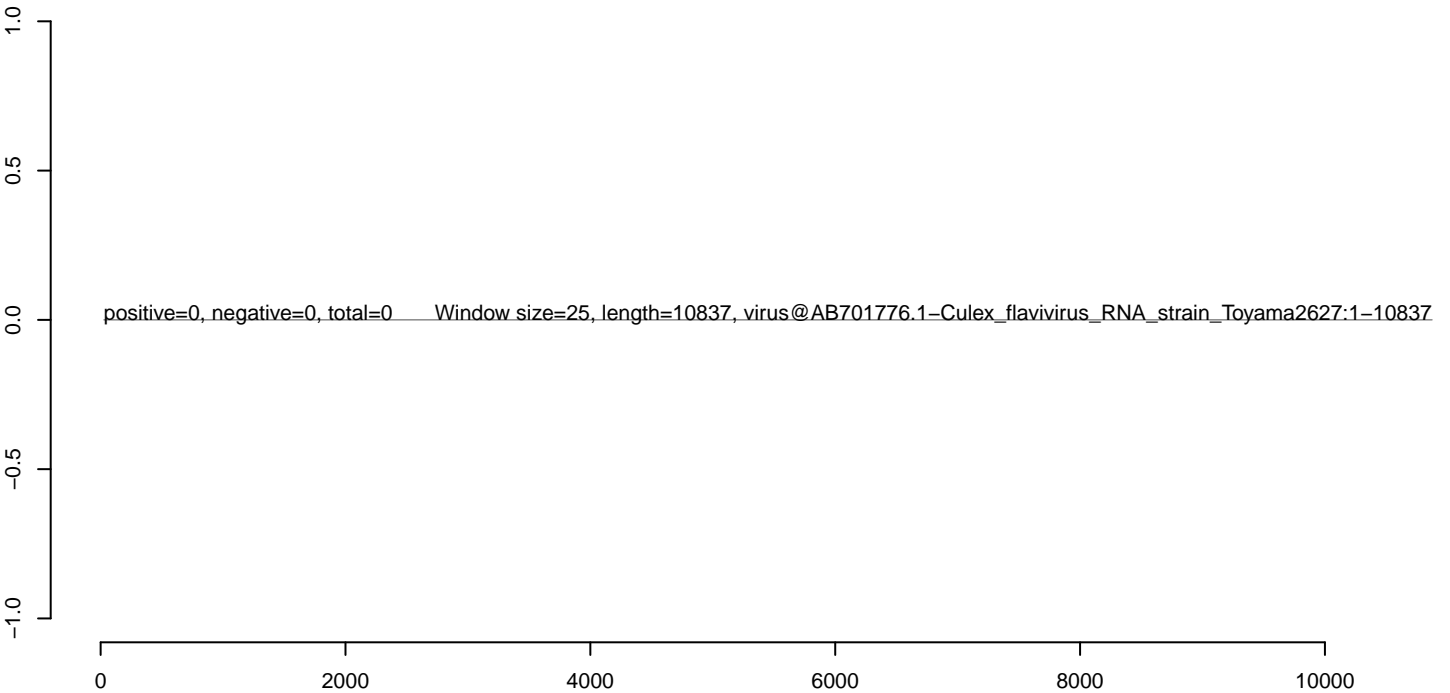
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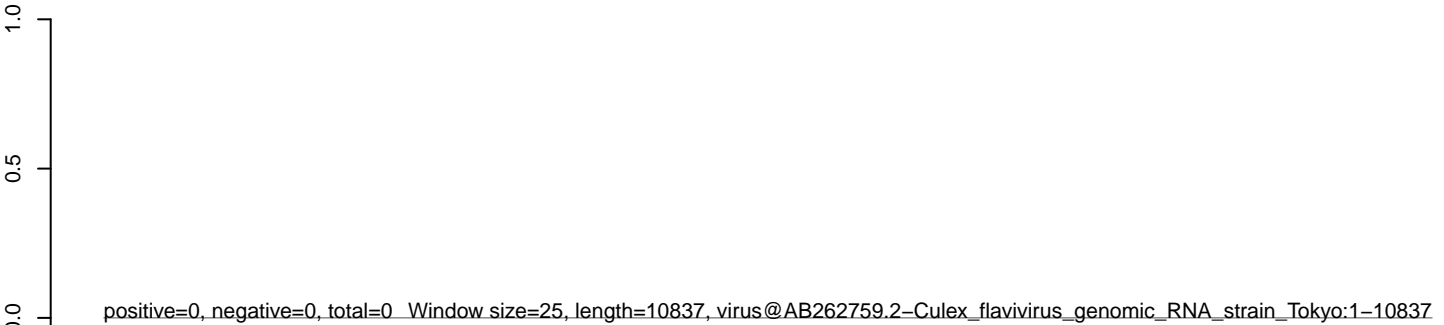
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