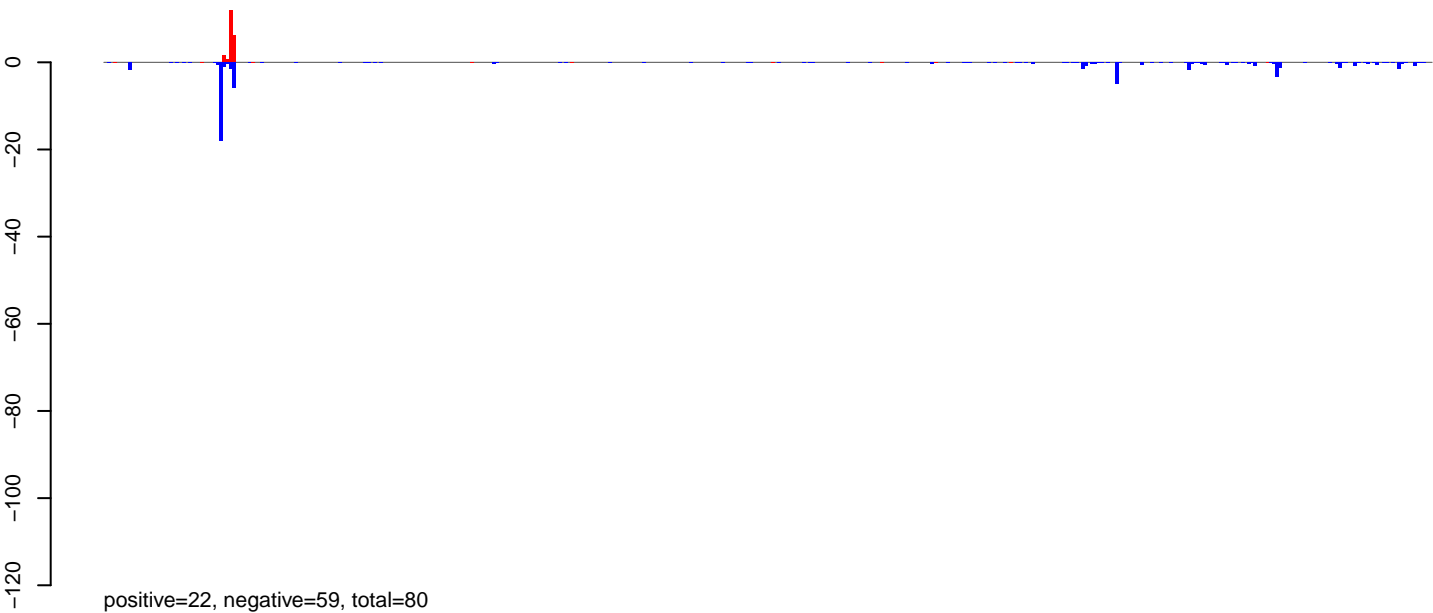
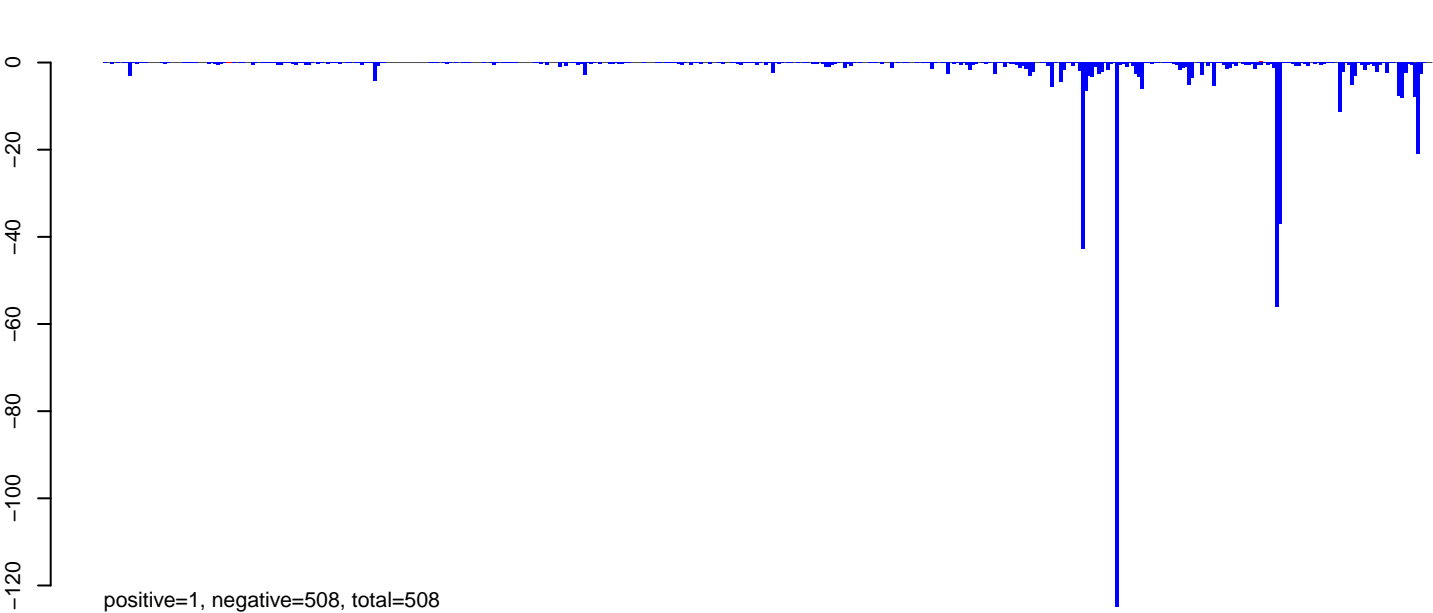


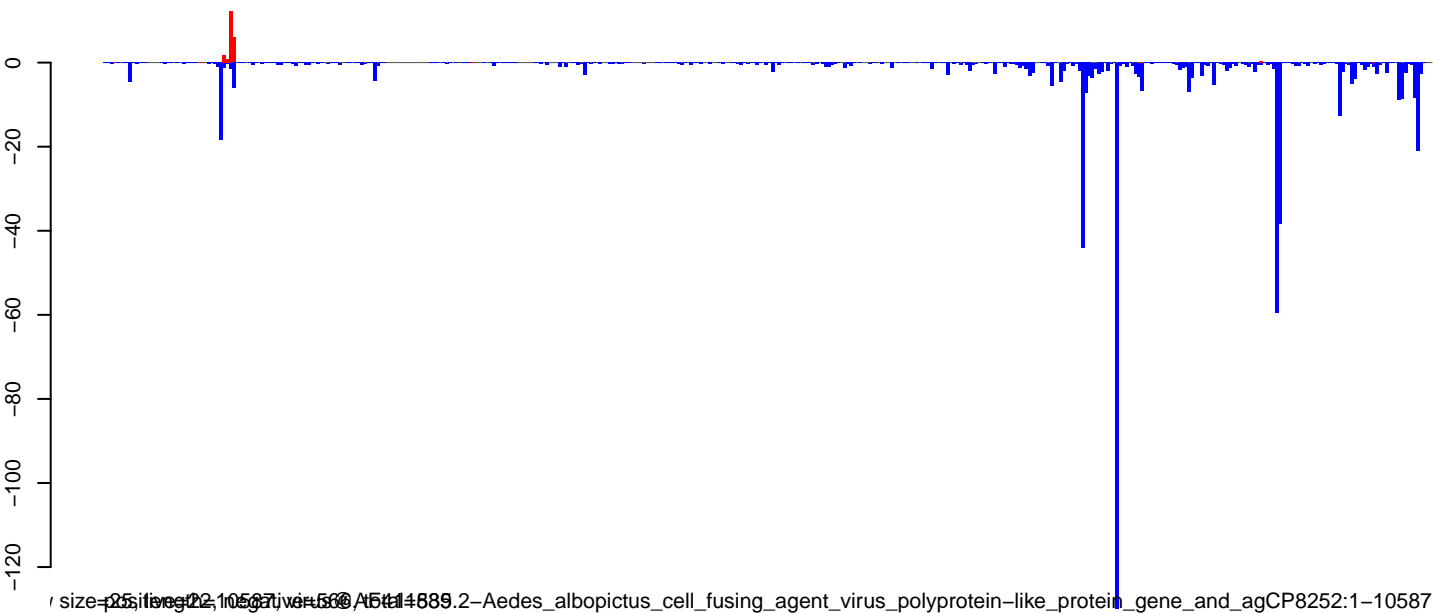
AeAlbo\_U4.4\_CHIKV.18\_23.rep



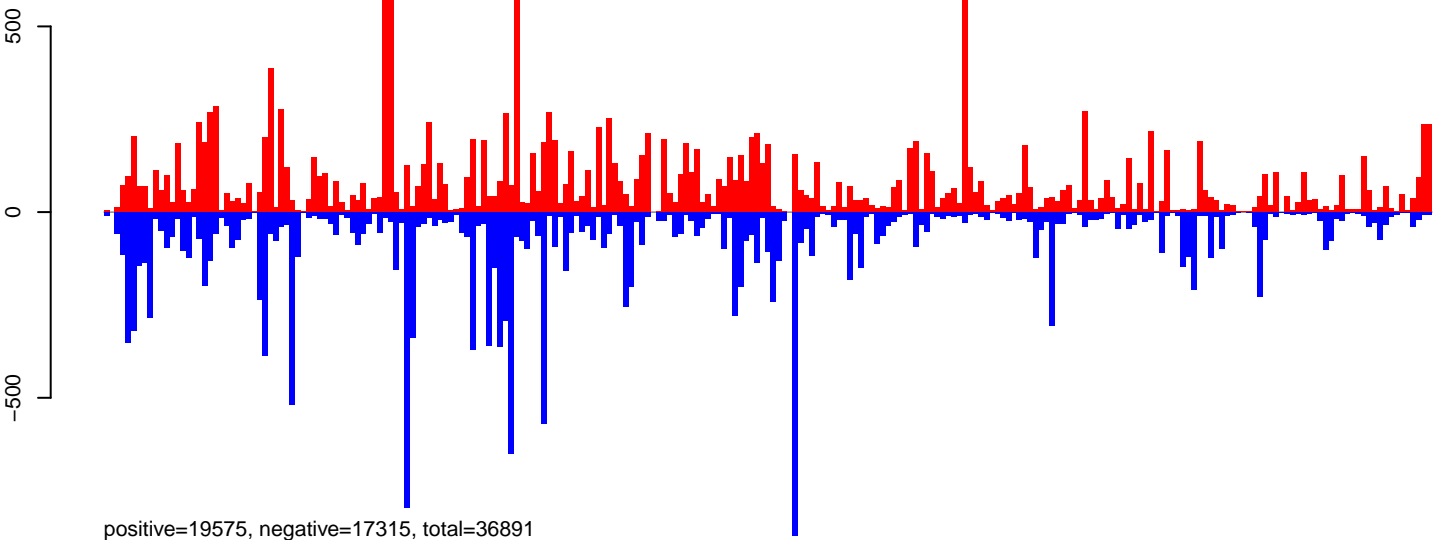
AeAlbo\_U4.4\_CHIKV.24\_35.rep



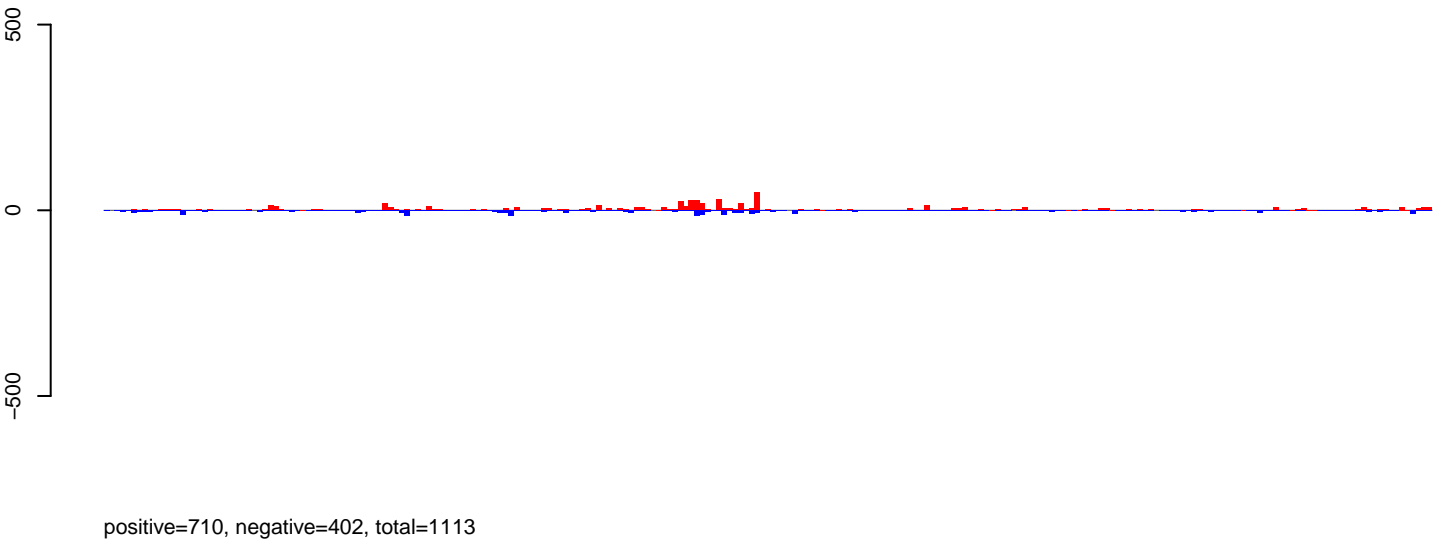
AeAlbo\_U4.4\_CHIKV.rep



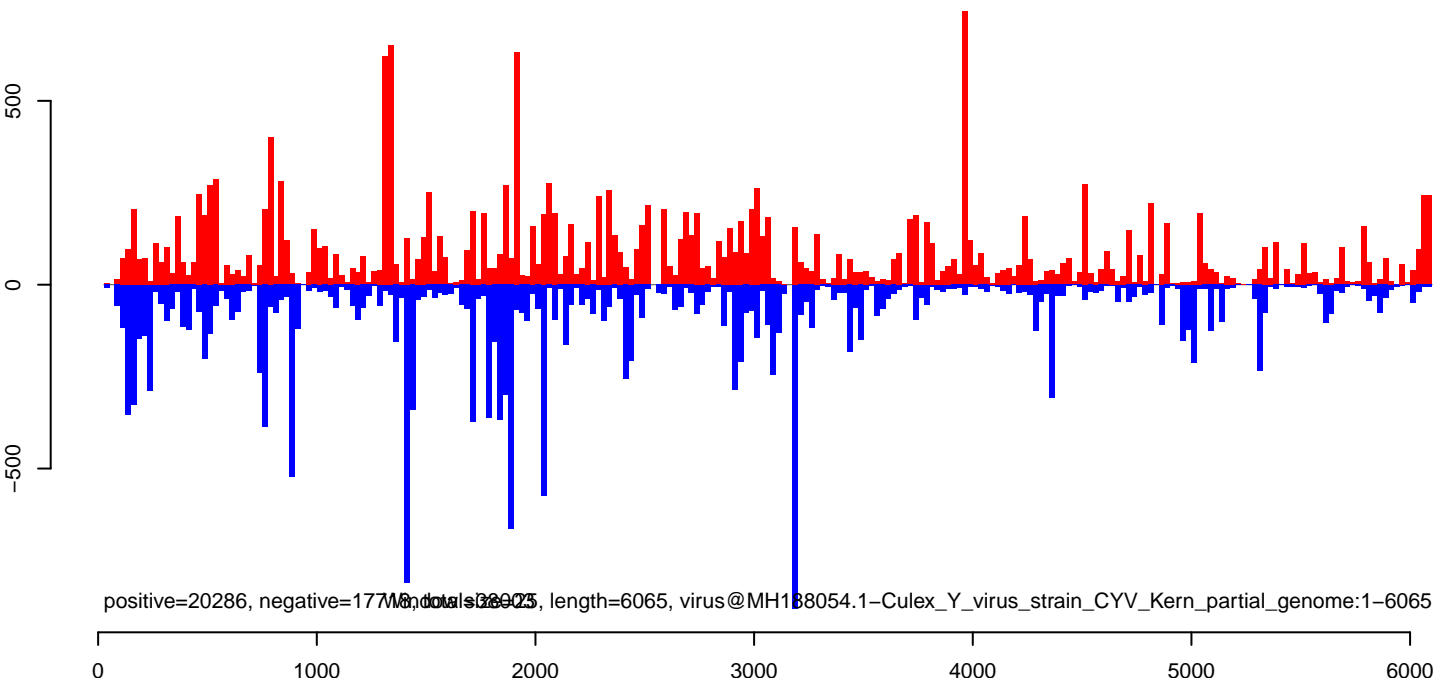
AeAlbo\_U4.4\_CHIKV.18\_23.rep



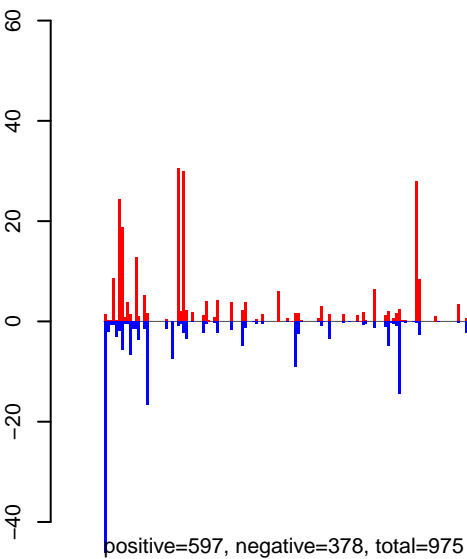
AeAlbo\_U4.4\_CHIKV.24\_35.rep



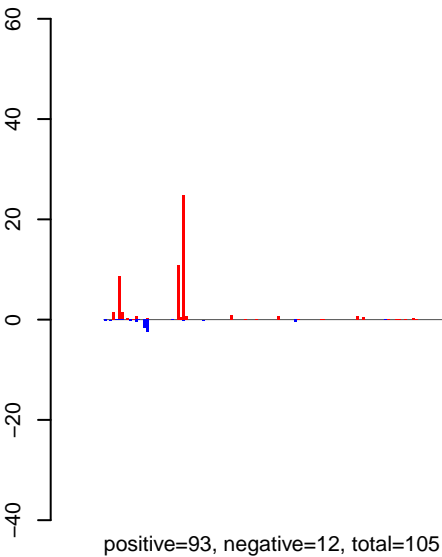
AeAlbo\_U4.4\_CHIKV.rep



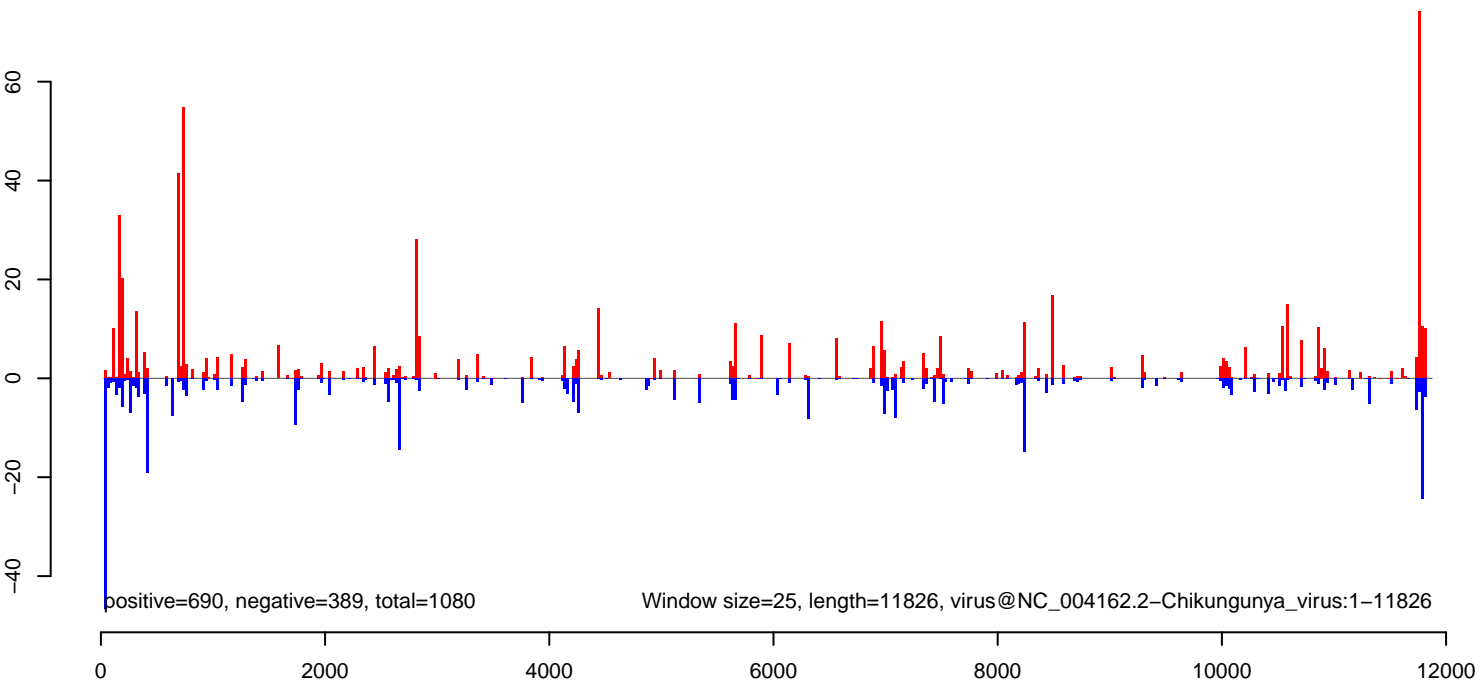
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



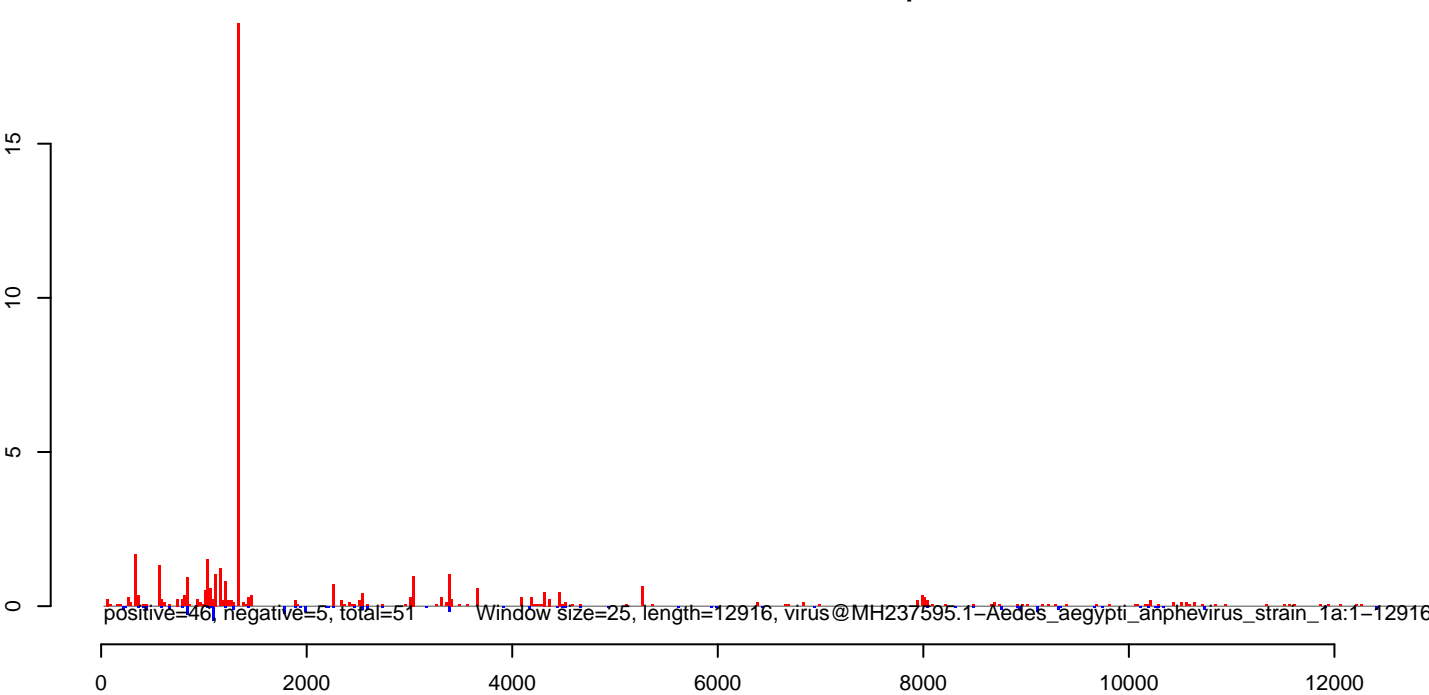
AeAlbo\_U4.4\_CHIKV.18\_23.rep



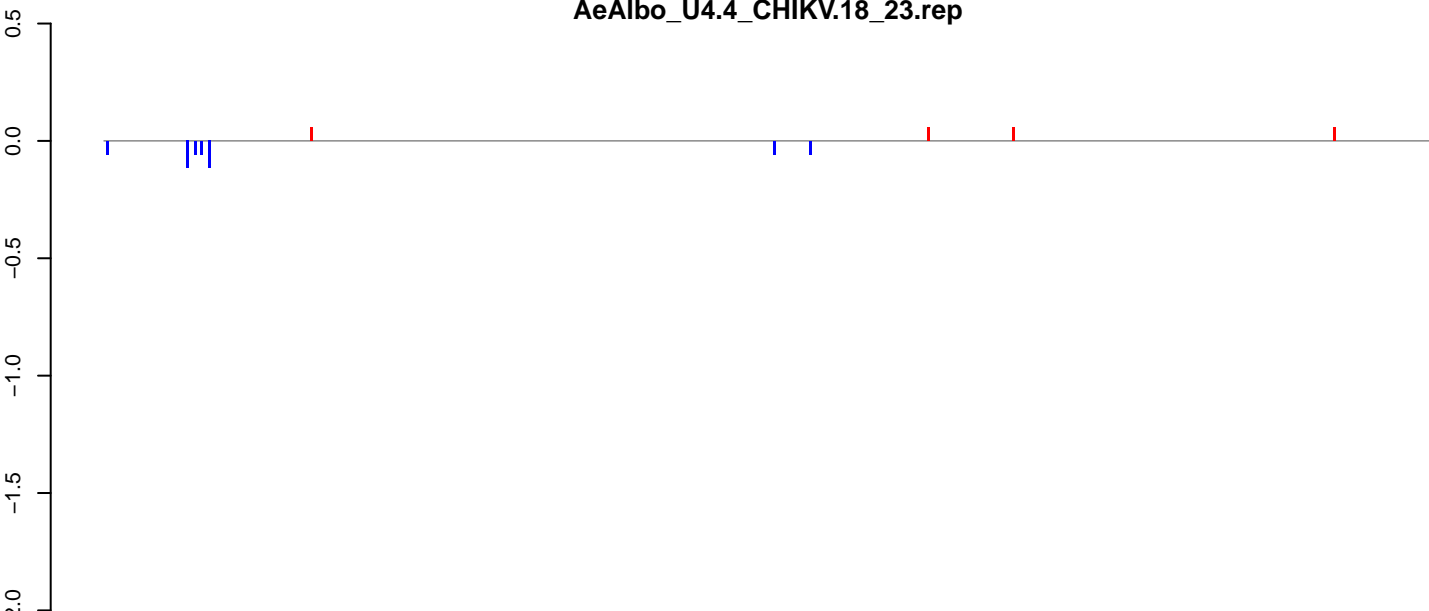
AeAlbo\_U4.4\_CHIKV.24\_35.rep



AeAlbo\_U4.4\_CHIKV.rep

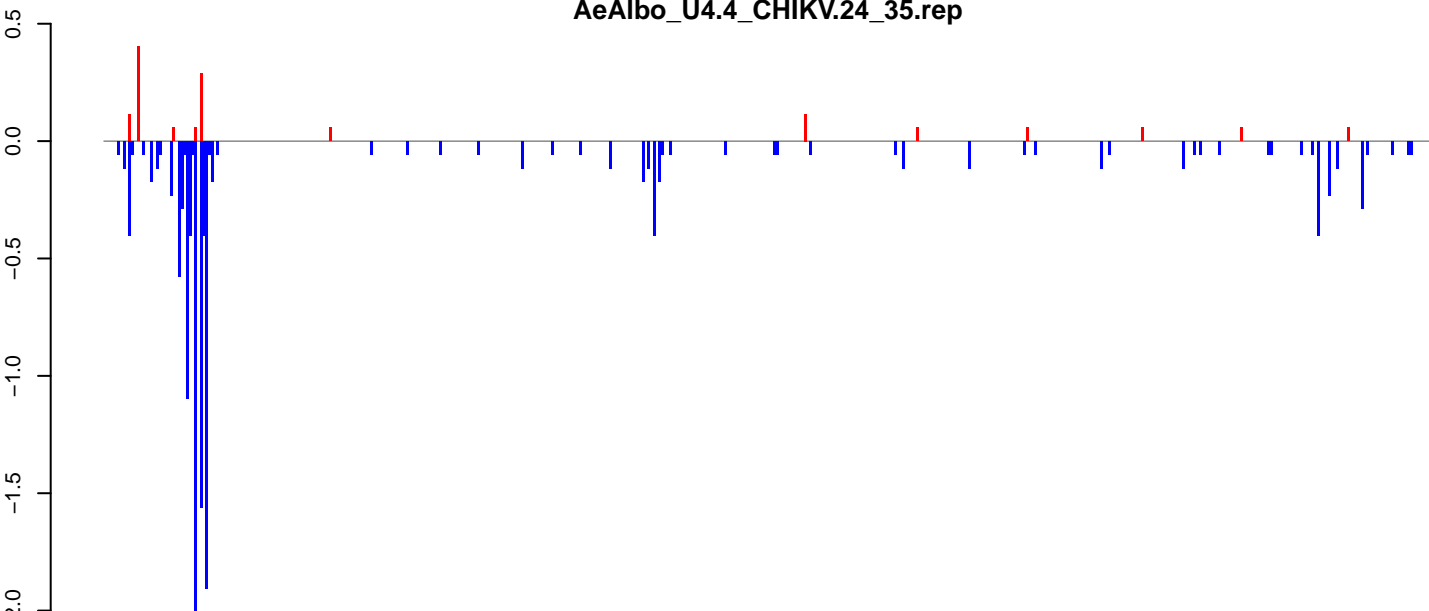


**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



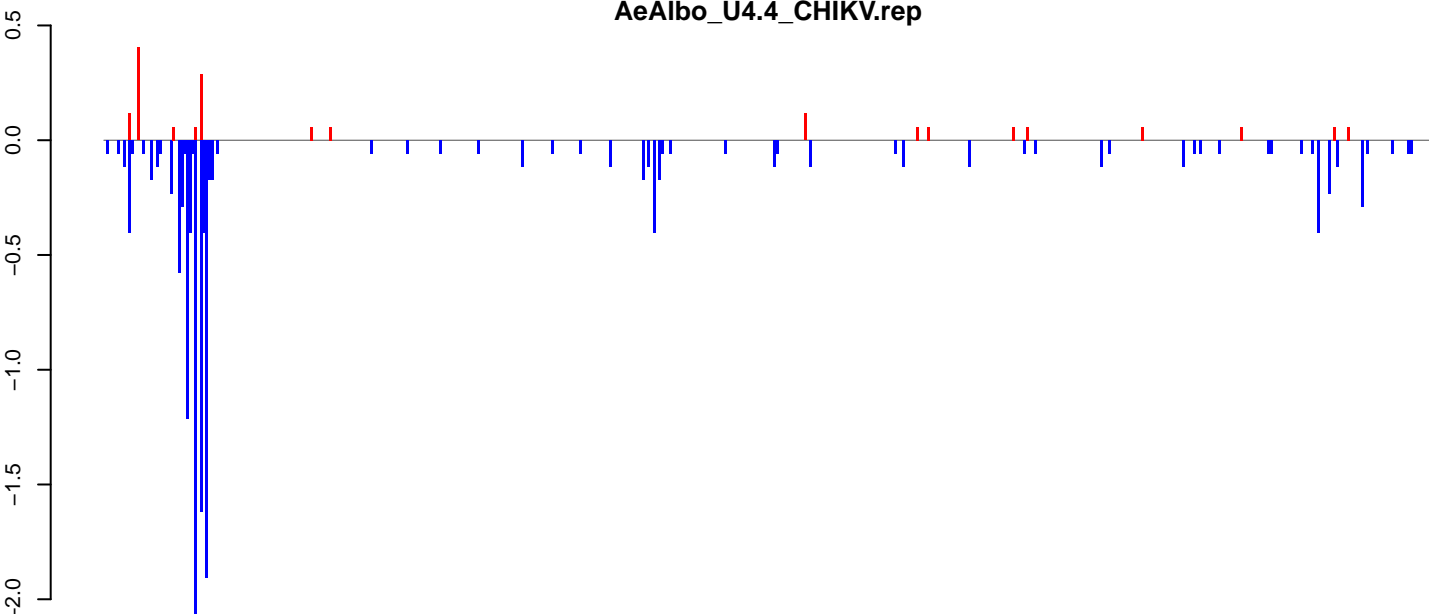
positive=0, negative=1, total=1

**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



positive=1, negative=14, total=16

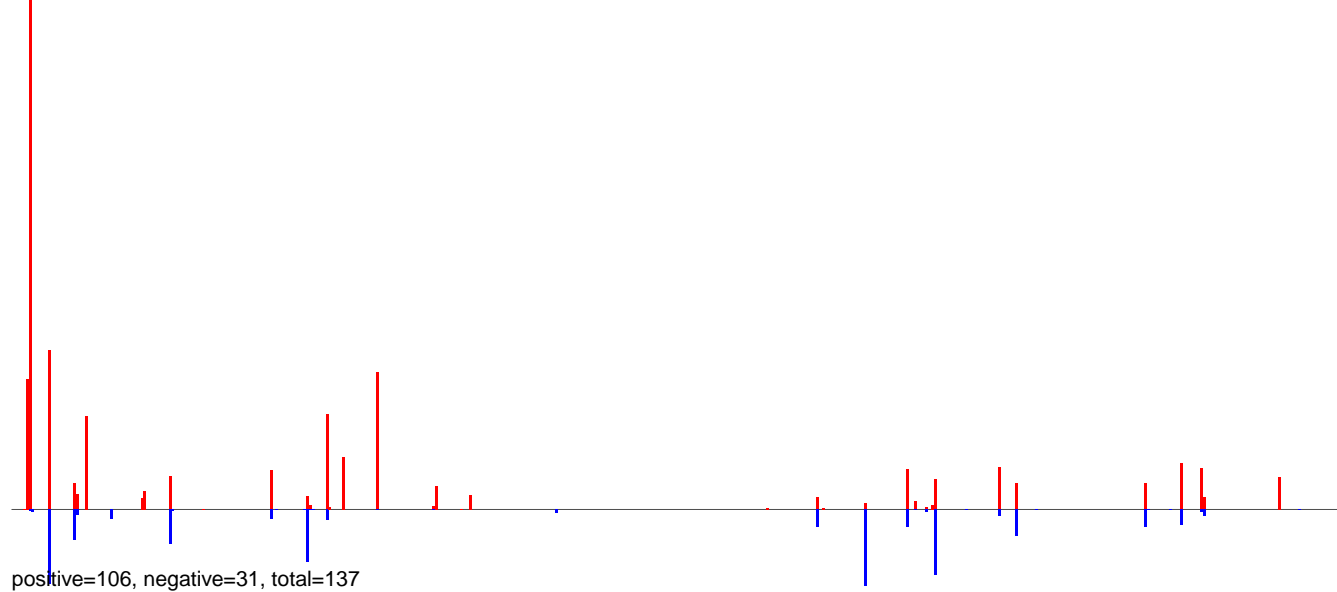
**AeAlbo\_U4.4\_CHIKV.rep**



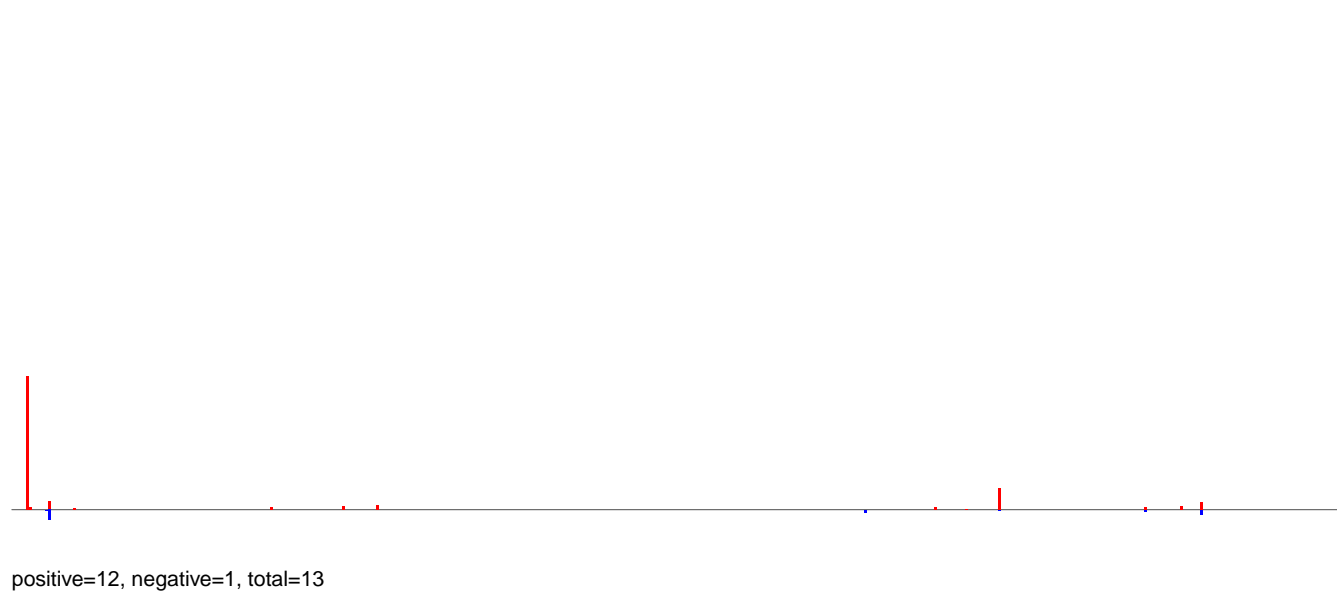
25, length=12099, positive=25, negative=108266.1-Phasi\_Chaoen-like\_virus\_isolate\_Rio\_segment\_S\_plus\_segment\_M\_plus\_segment\_L\_Nucle:1-12099

0 2000 4000 6000 8000 10000 12000

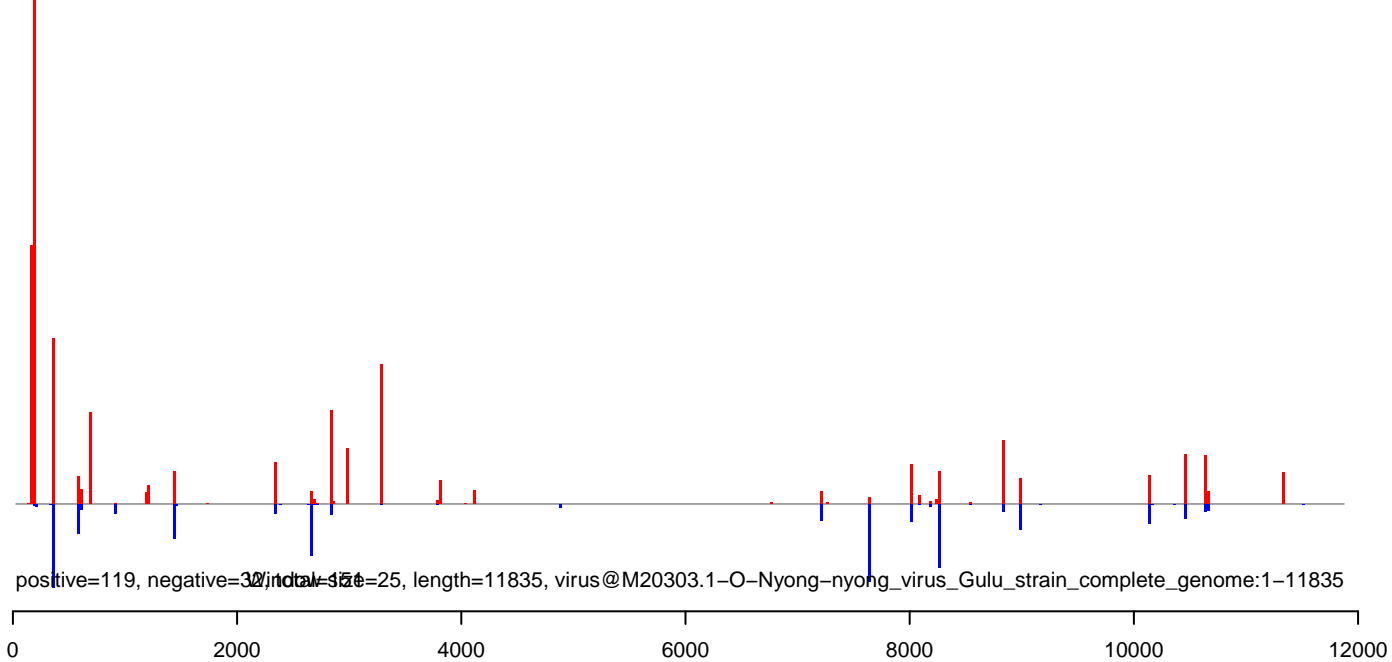
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



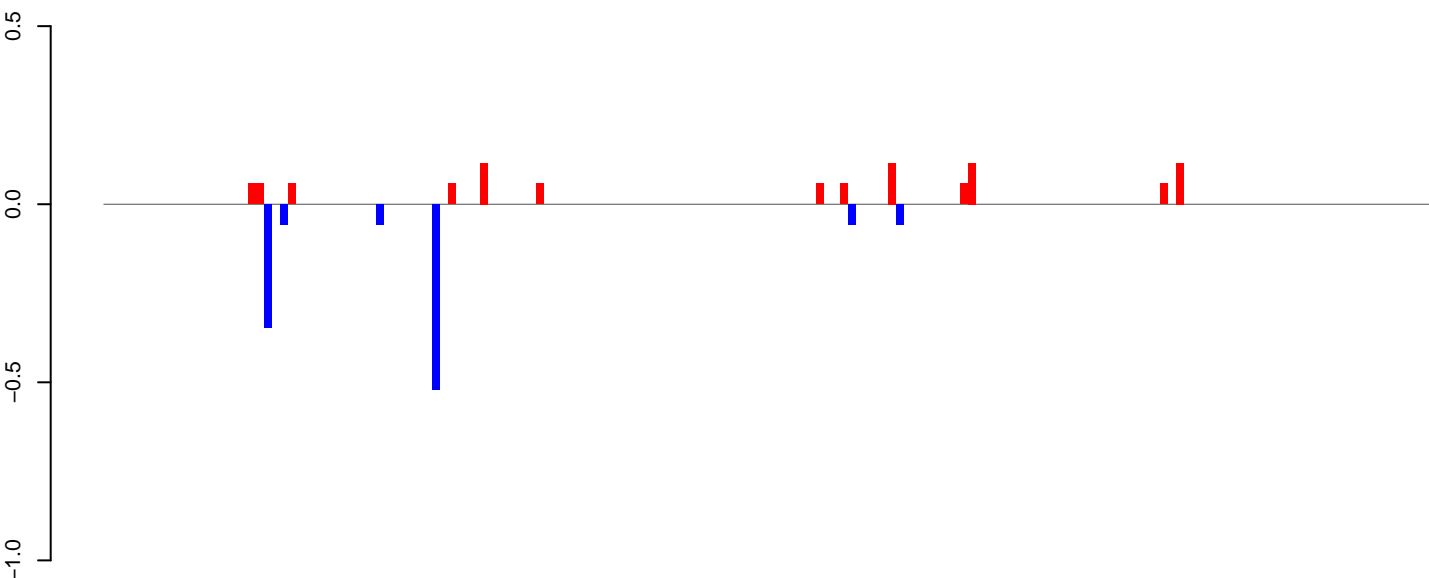
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



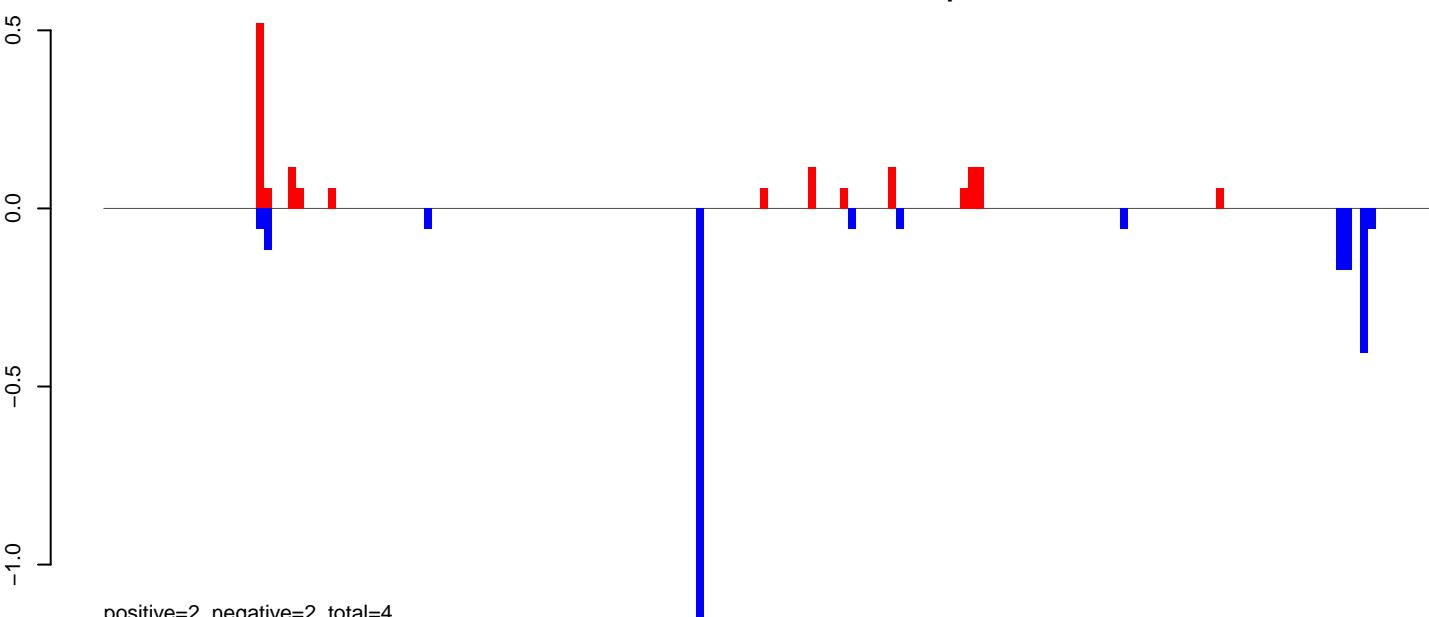
**AeAlbo\_U4.4\_CHIKV.rep**



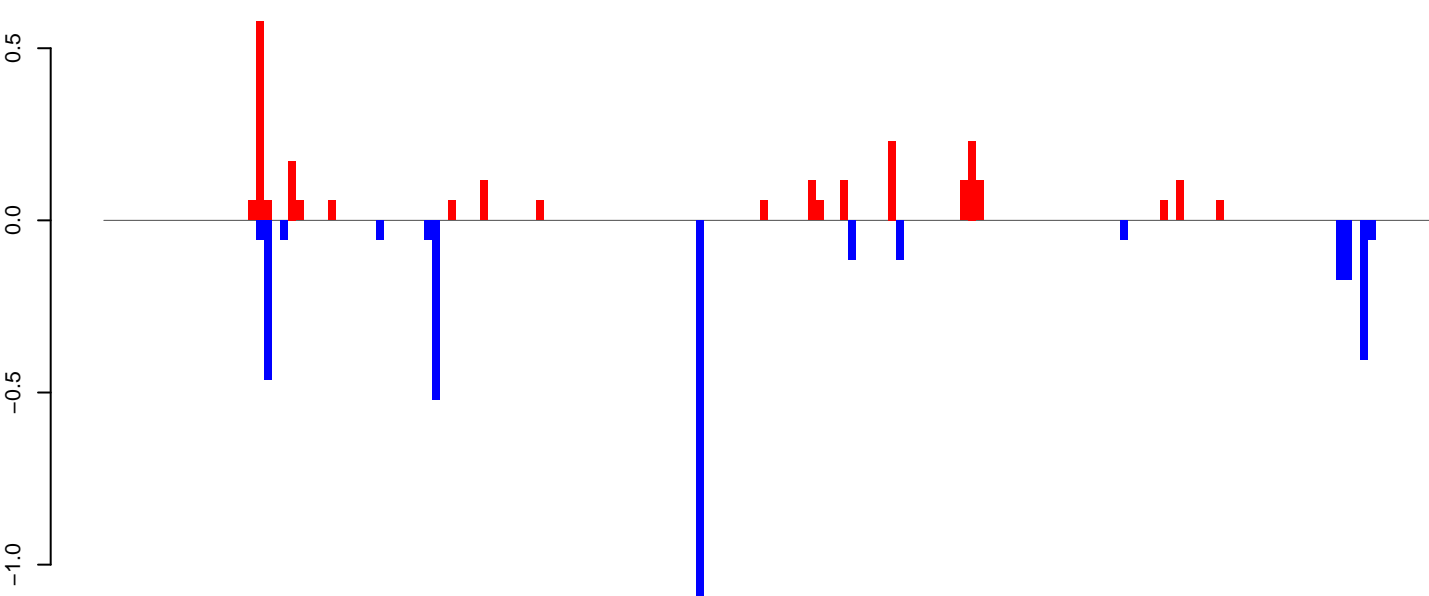
AeAlbo\_U4.4\_CHIKV.18\_23.rep



AeAlbo\_U4.4\_CHIKV.24\_35.rep



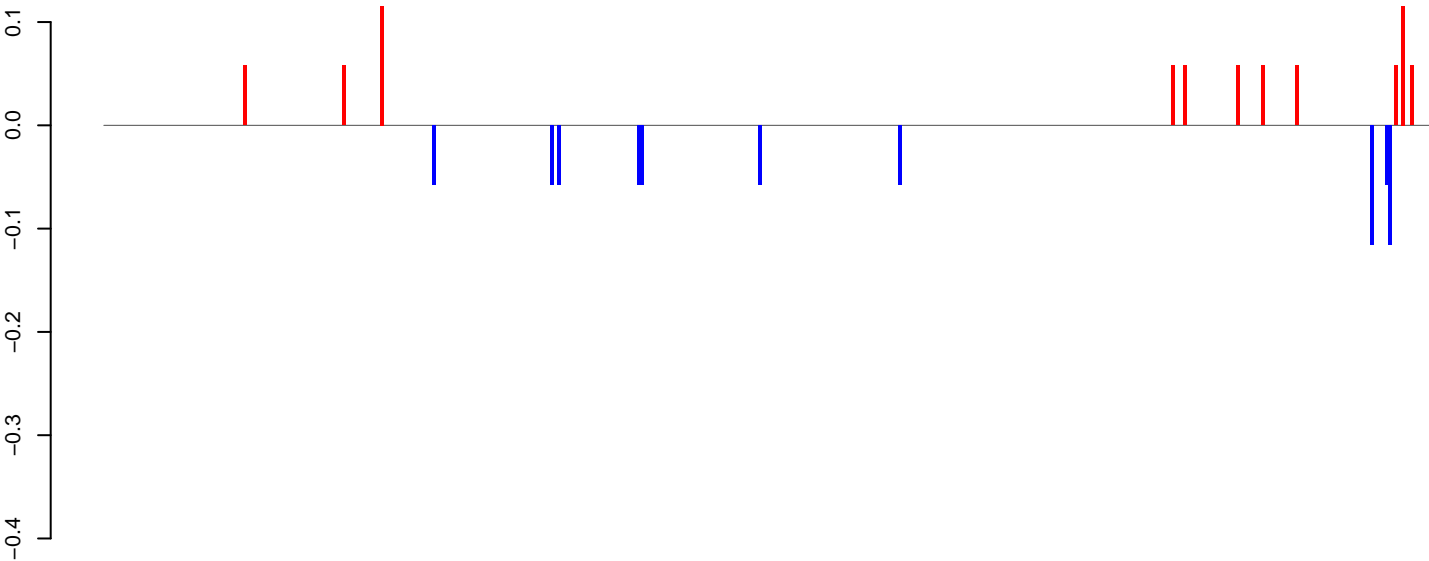
AeAlbo\_U4.4\_CHIKV.rep



Window size=25, length=4189, virus@NC\_011317.1-Anopheles\_gambiae\_densonucleosis\_virus:1-4139

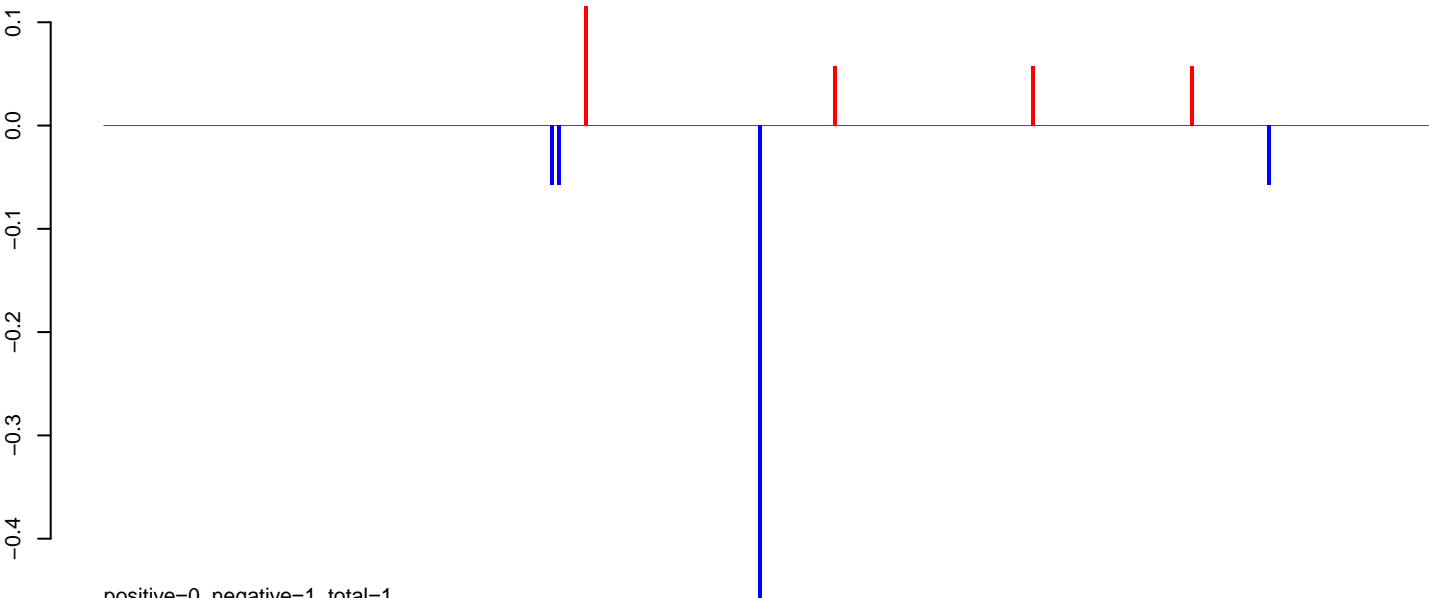
0 1000 2000 3000 4000

AeAlbo\_U4.4\_CHIKV.18\_23.rep



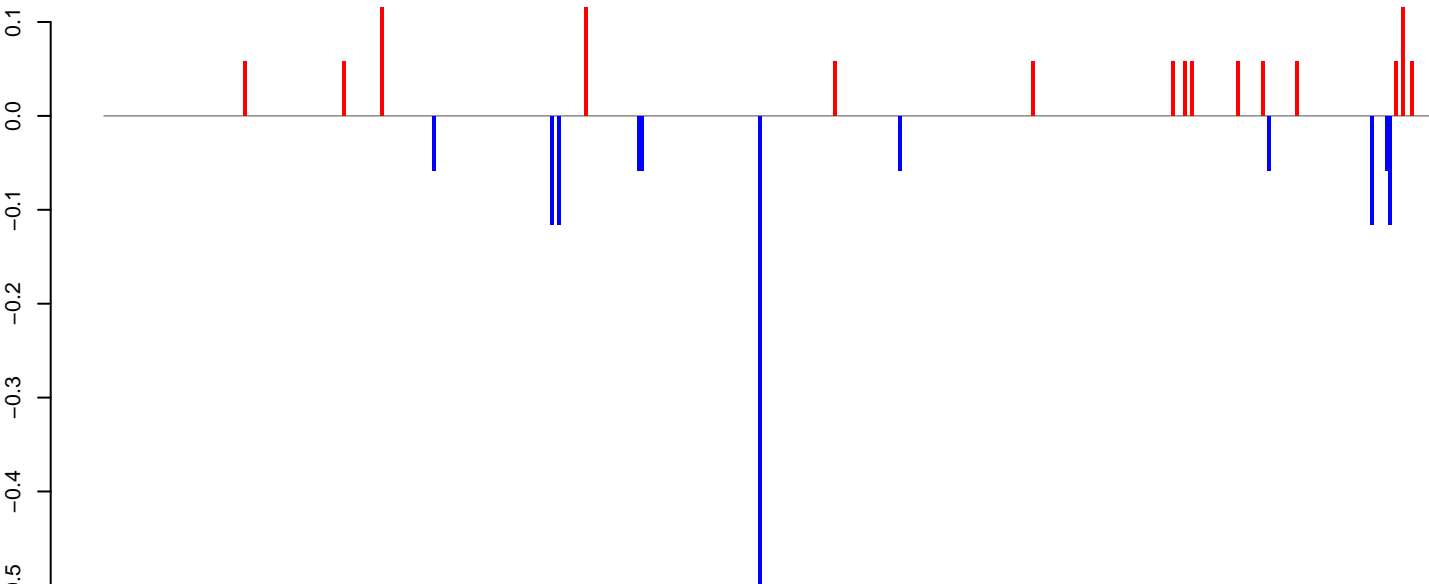
positive=1, negative=1, total=1

AeAlbo\_U4.4\_CHIKV.24\_35.rep



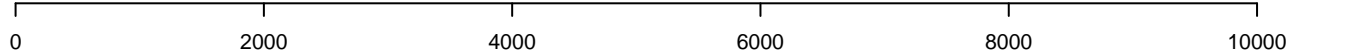
positive=0, negative=1, total=1

AeAlbo\_U4.4\_CHIKV.rep



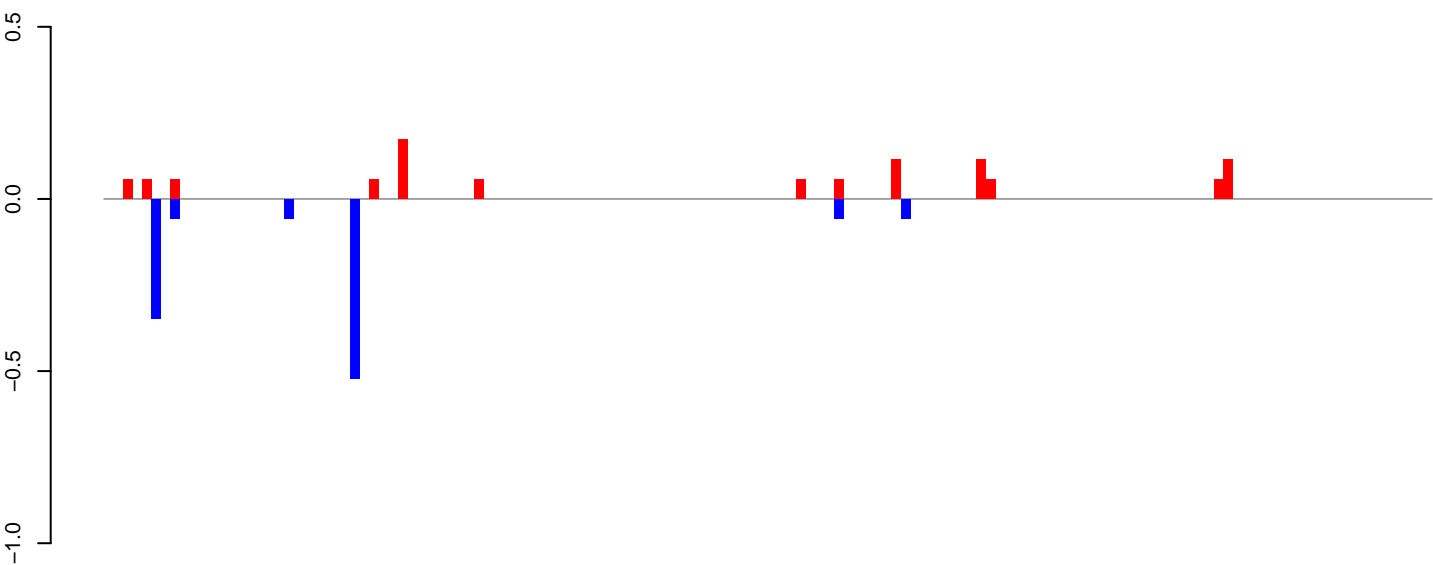
positive=1, negative=1, total=2

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



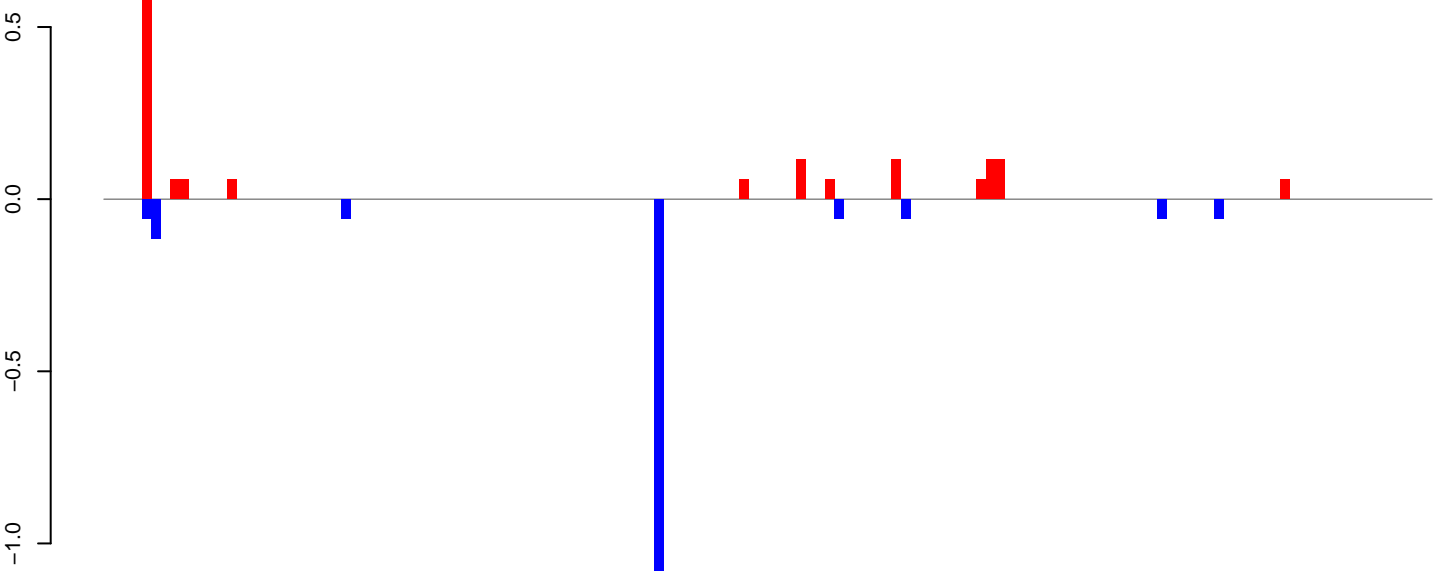


AeAlbo\_U4.4\_CHIKV.18\_23.rep



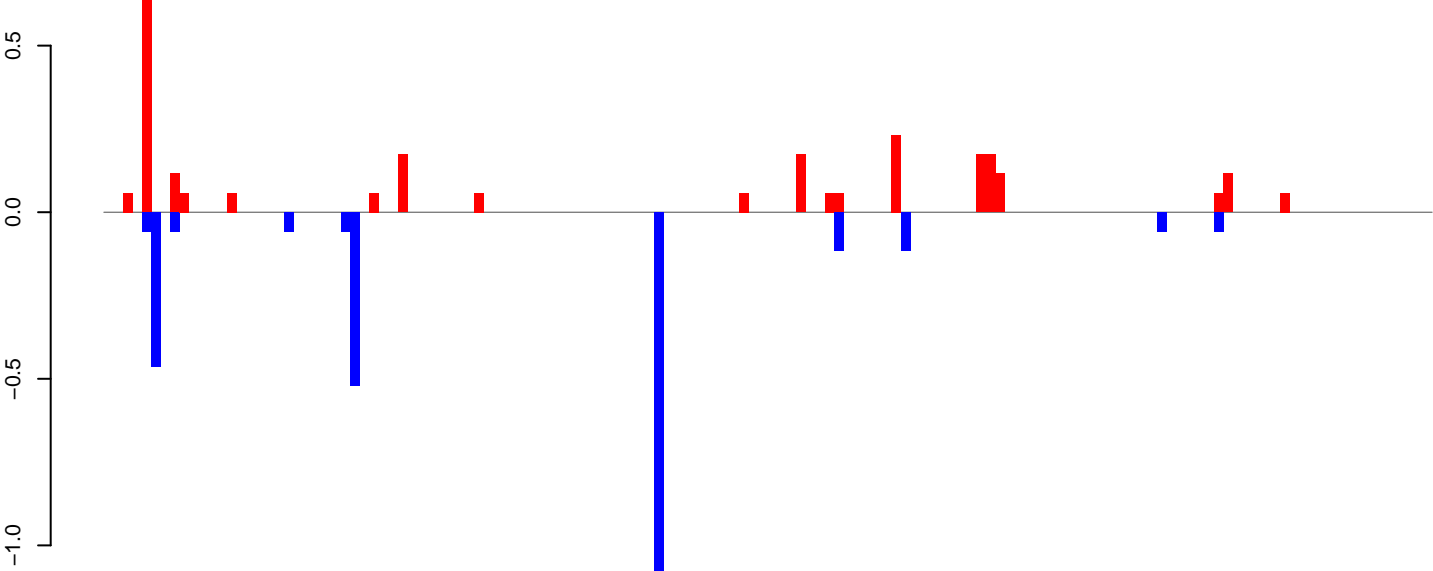
positive=1, negative=1, total=2

AeAlbo\_U4.4\_CHIKV.24\_35.rep



positive=1, negative=2, total=3

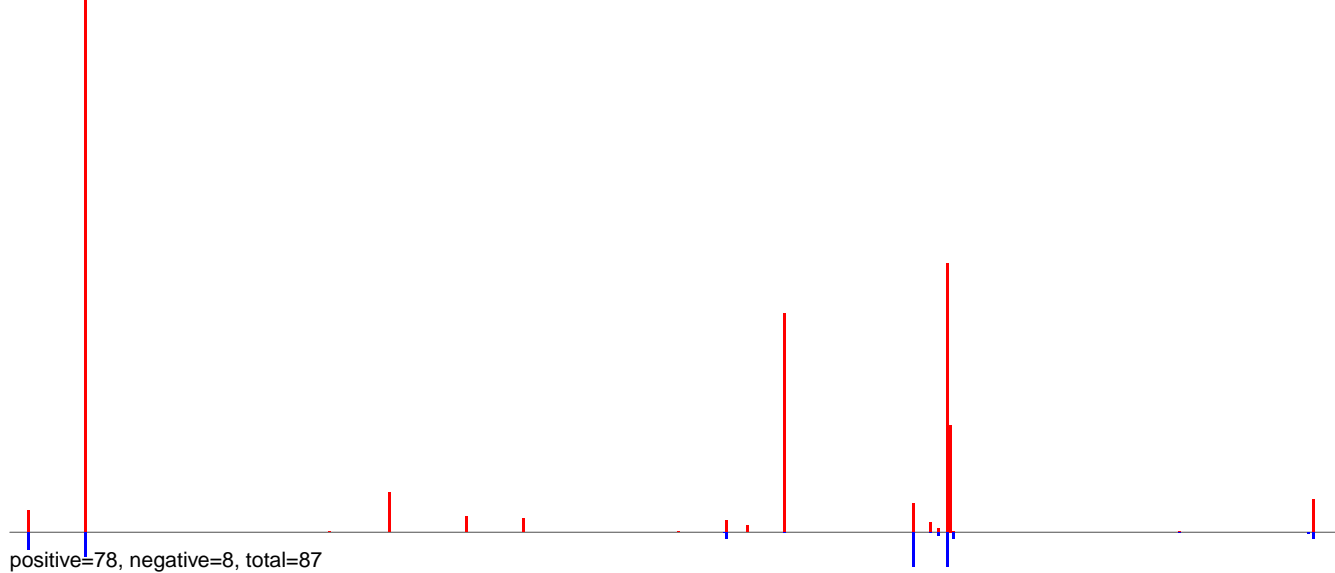
AeAlbo\_U4.4\_CHIKV.rep



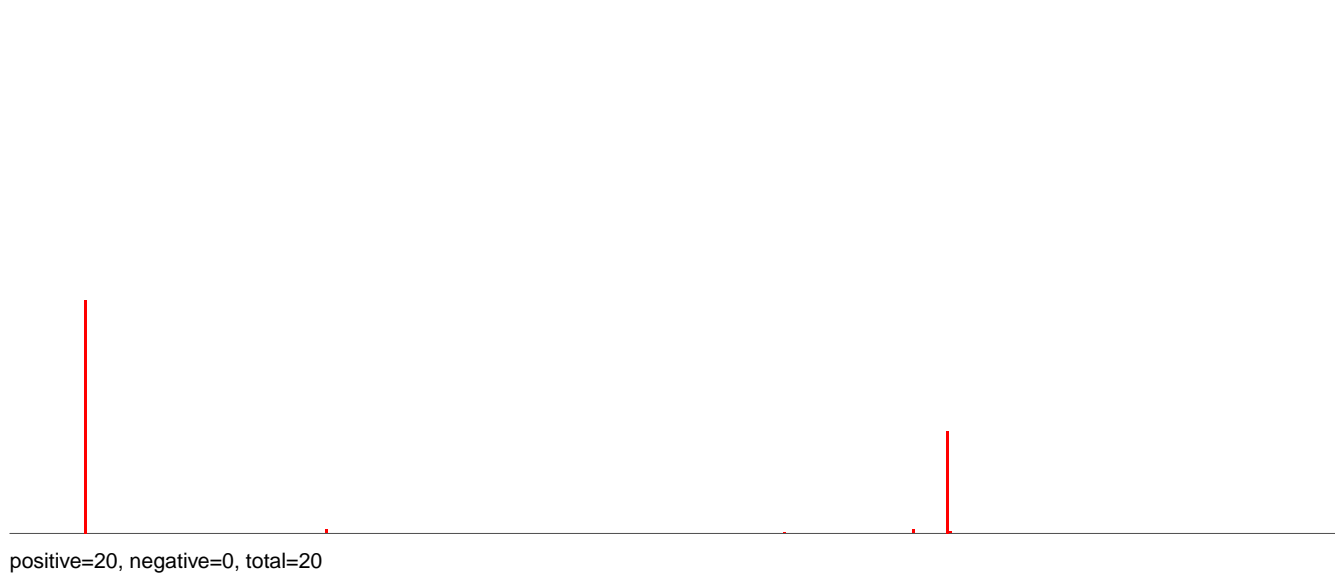
row size=25, the gap=0, use=0, E5579756.1-Culex pipiens pallens densovirus strain JZ-16\_non-structural\_protein\_1\_NS1\_non-stru:1-3498

0 500 1000 1500 2000 2500 3000 3500

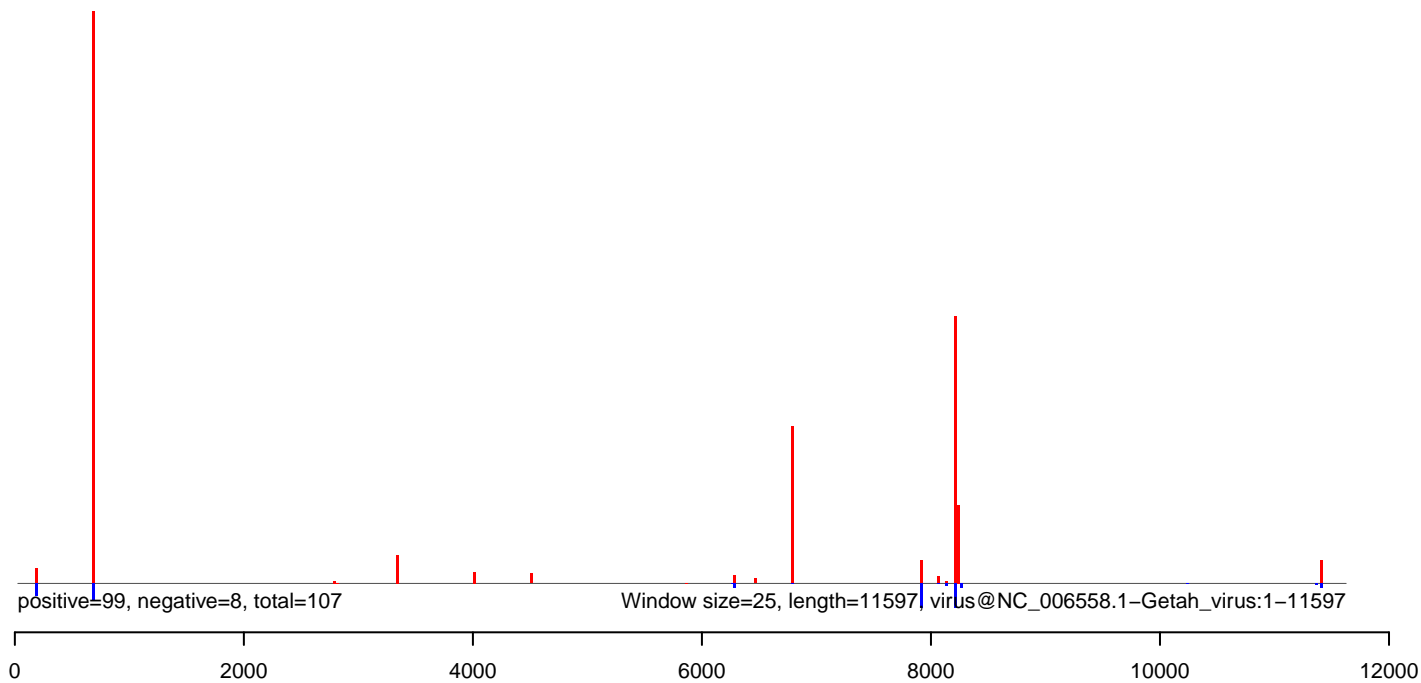
AeAlbo\_U4.4\_CHIKV.18\_23.rep



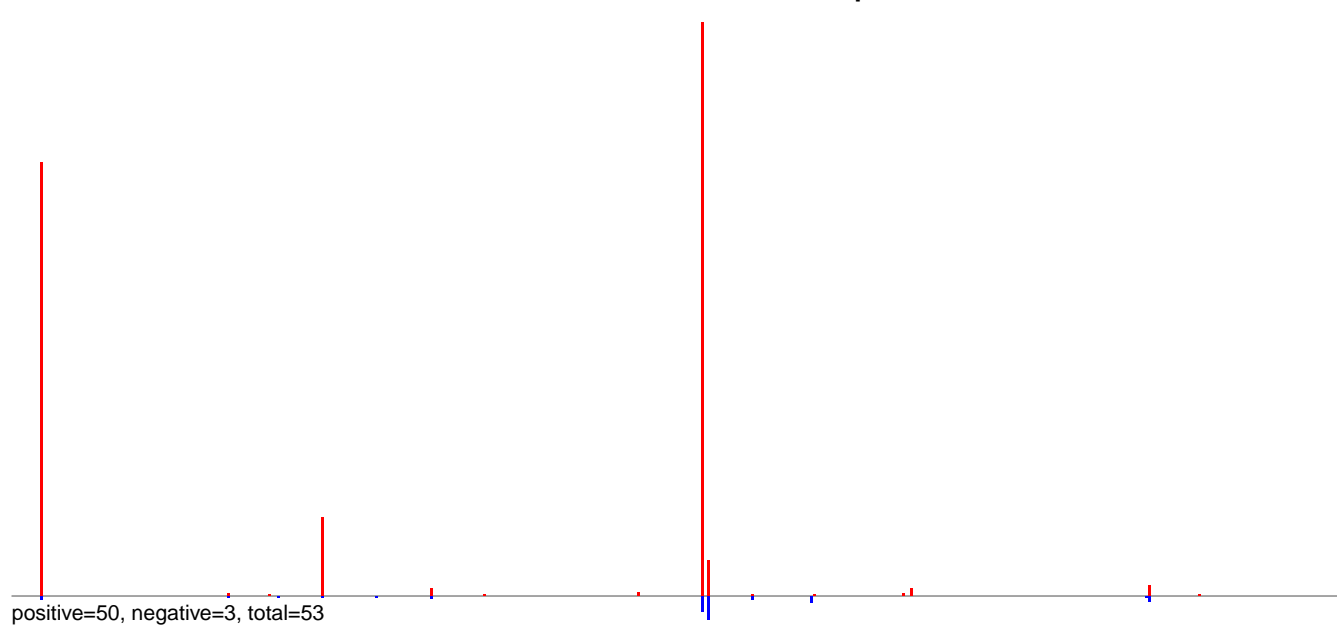
AeAlbo\_U4.4\_CHIKV.24\_35.rep



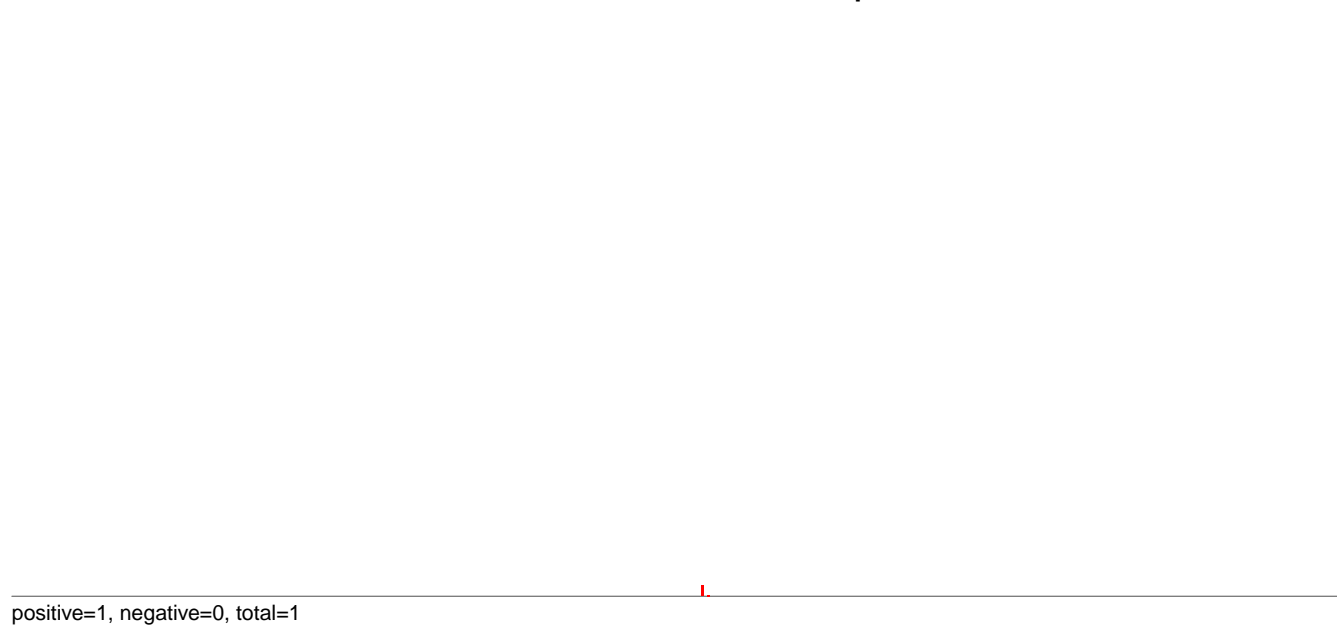
AeAlbo\_U4.4\_CHIKV.rep



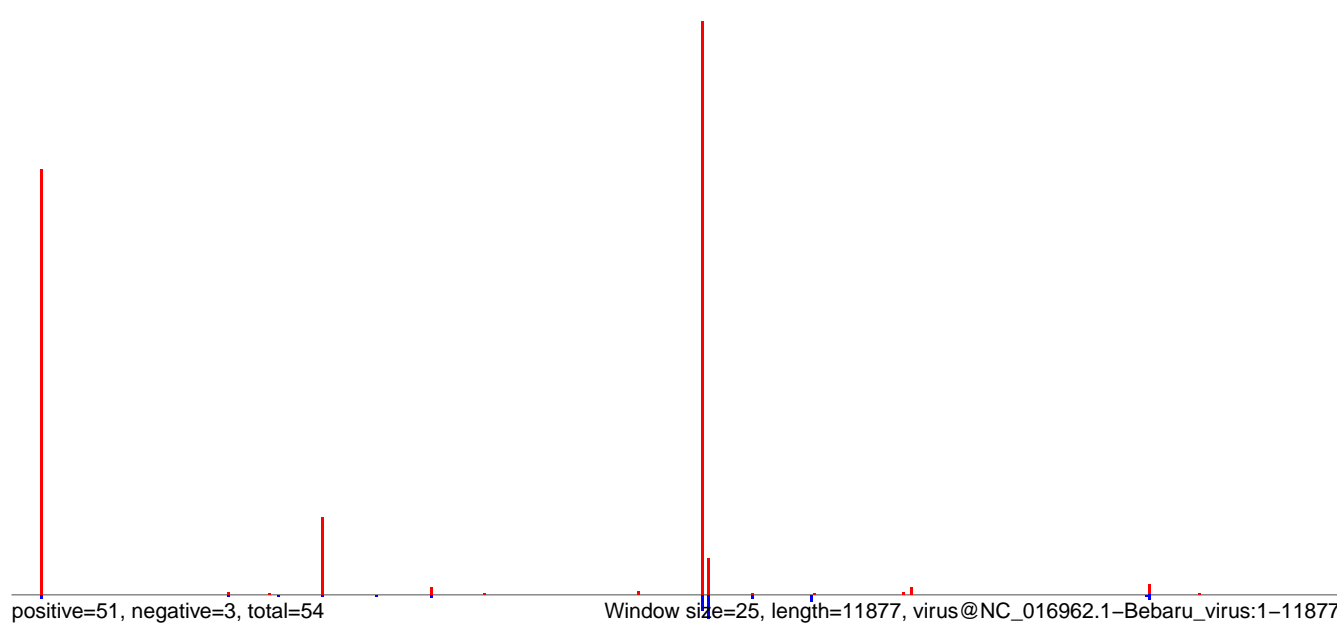
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



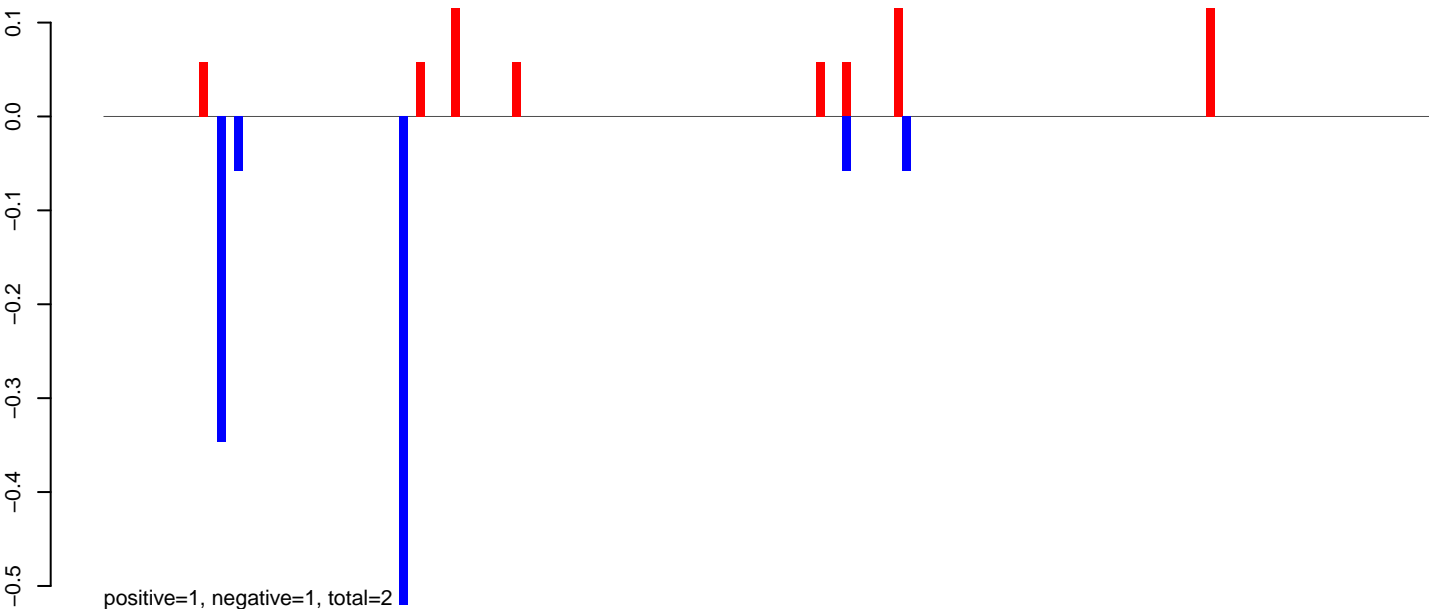
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



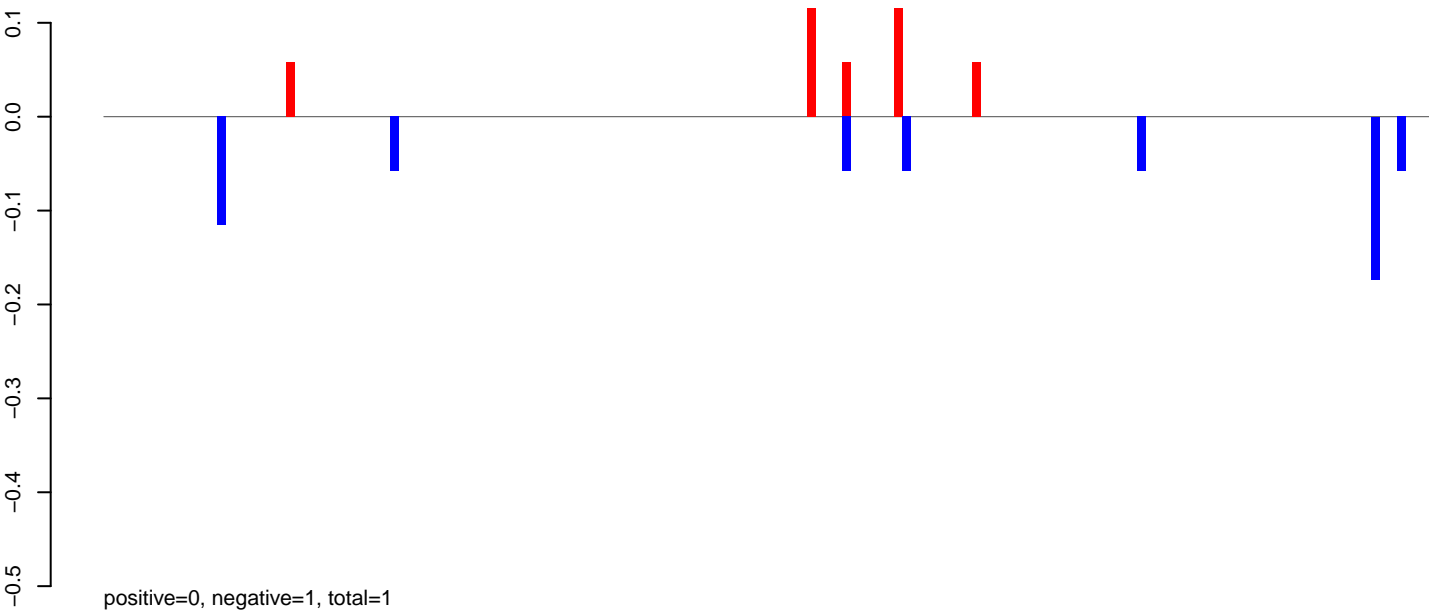
**AeAlbo\_U4.4\_CHIKV.rep**



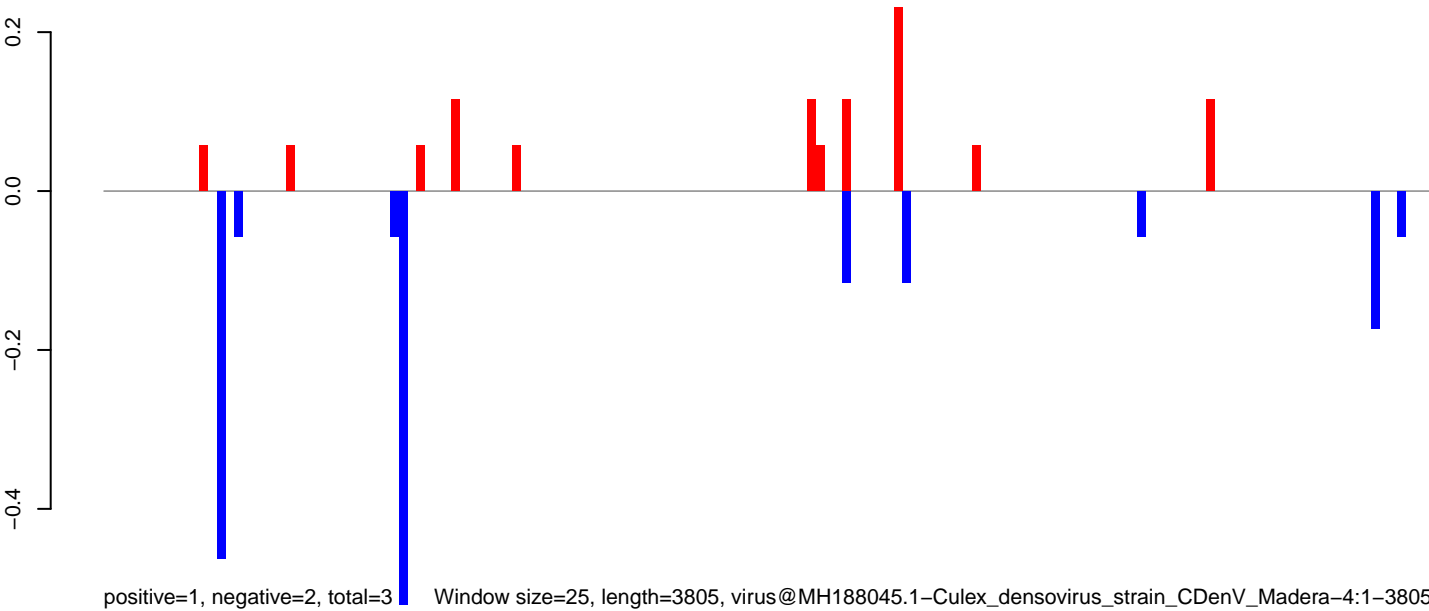
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



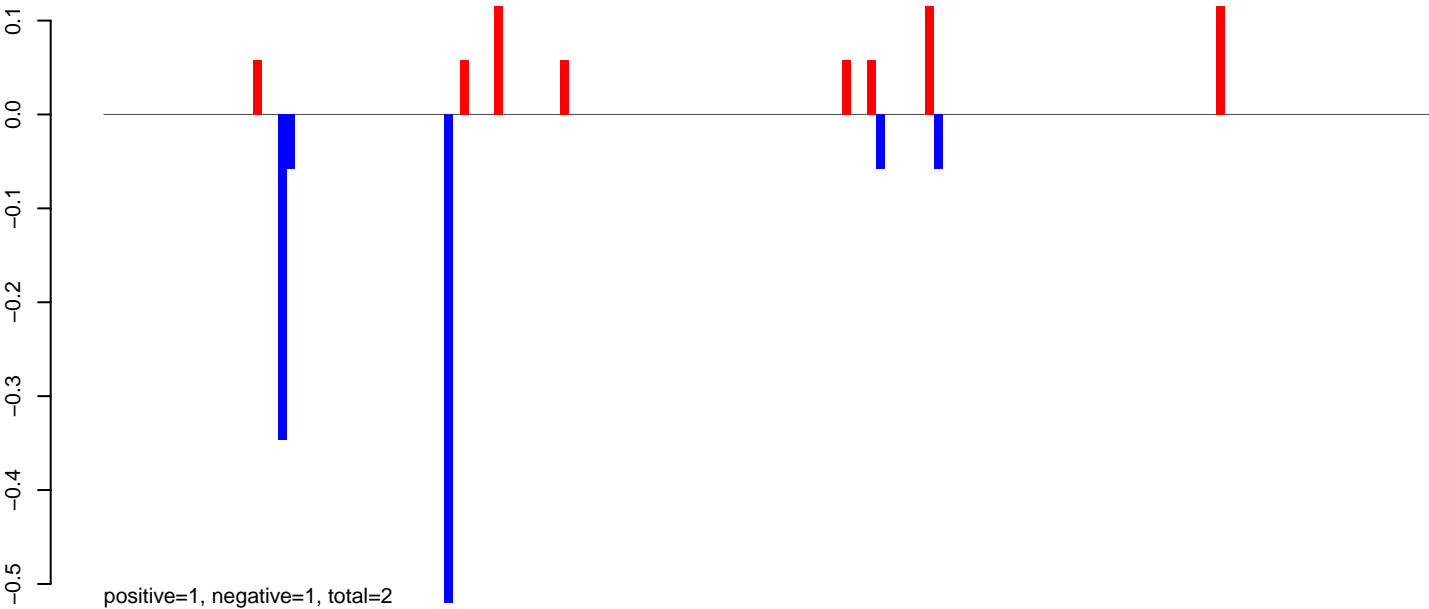
**AeAlbo\_U4.4\_CHIKV.rep**



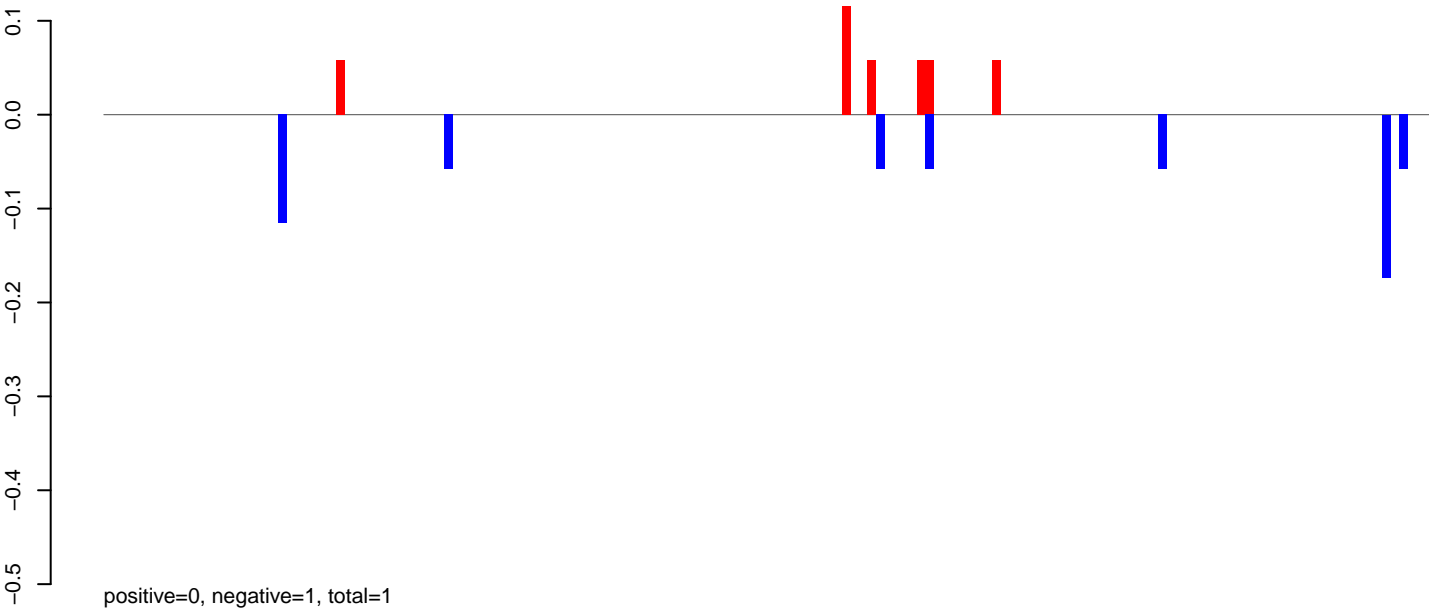
Window size=25, length=3805, virus@MH188045.1-Culex\_densovirus\_strain\_CDenV\_Madera-4:1-3805

0 1000 2000 3000 4000

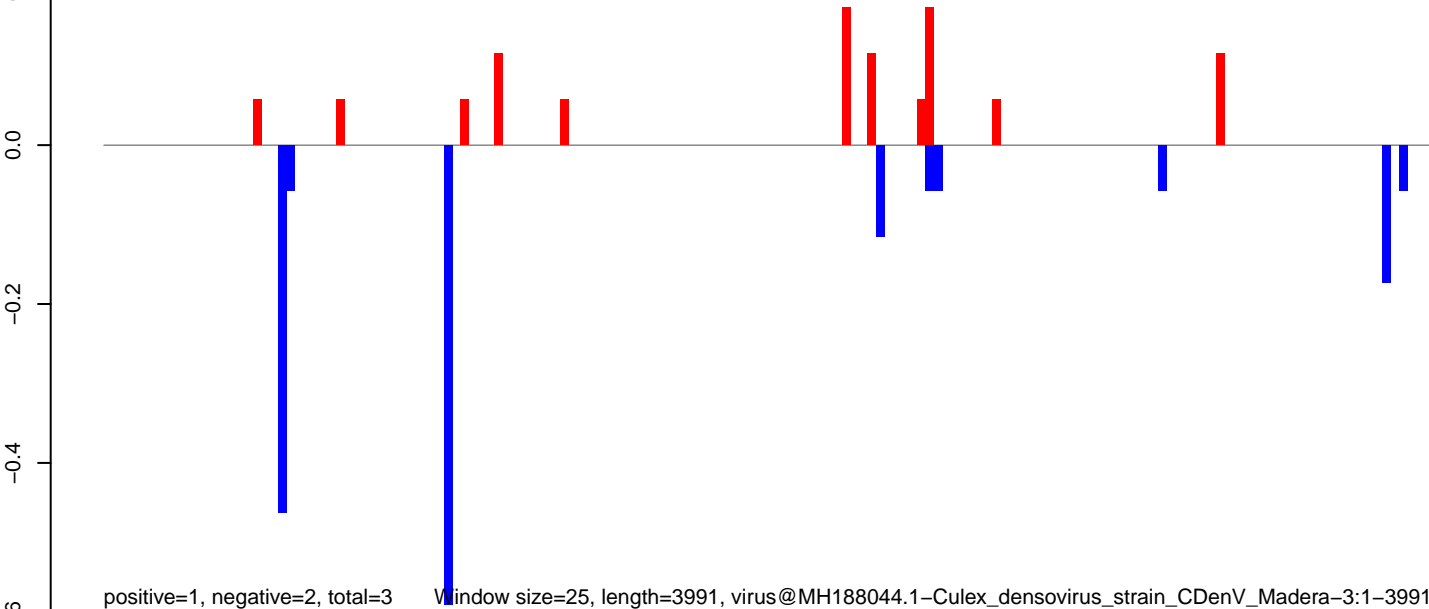
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



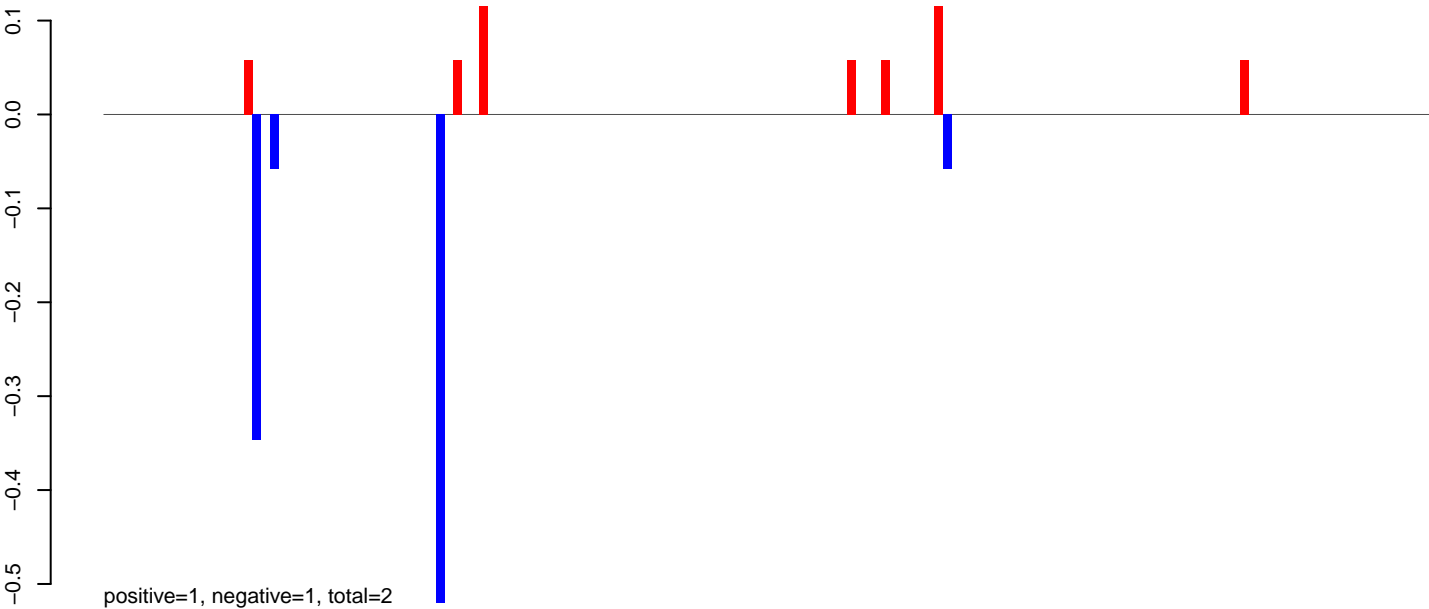
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



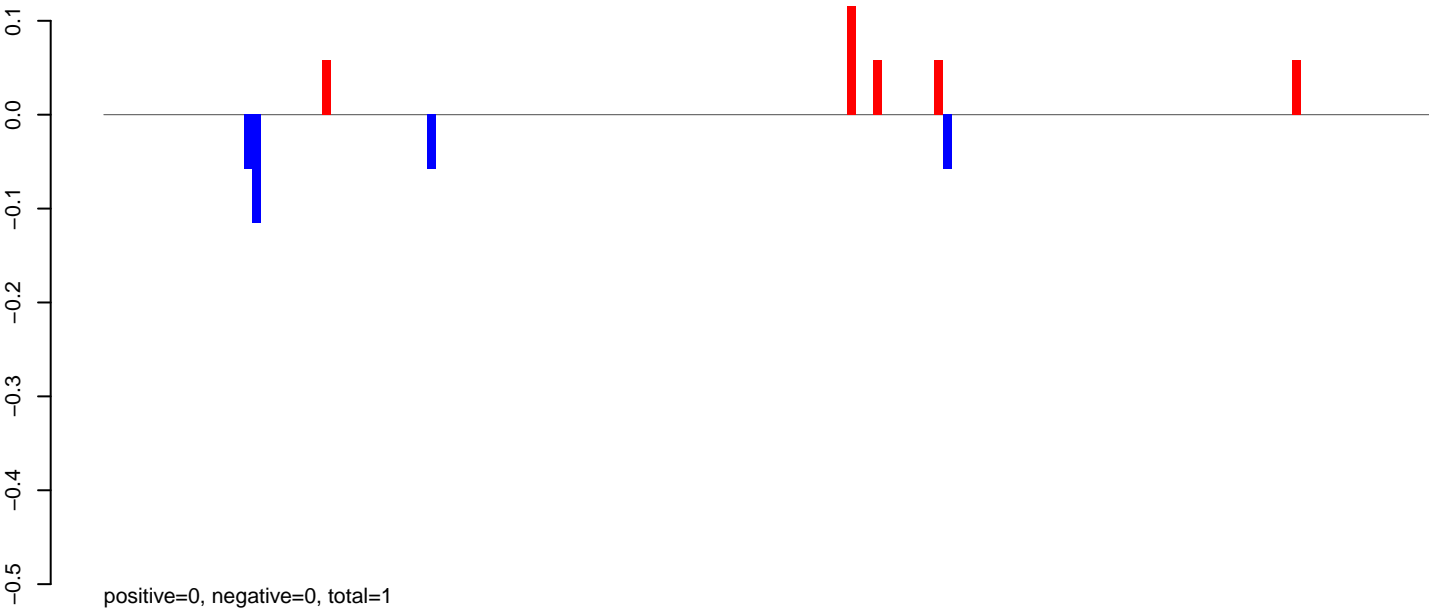
**AeAlbo\_U4.4\_CHIKV.rep**



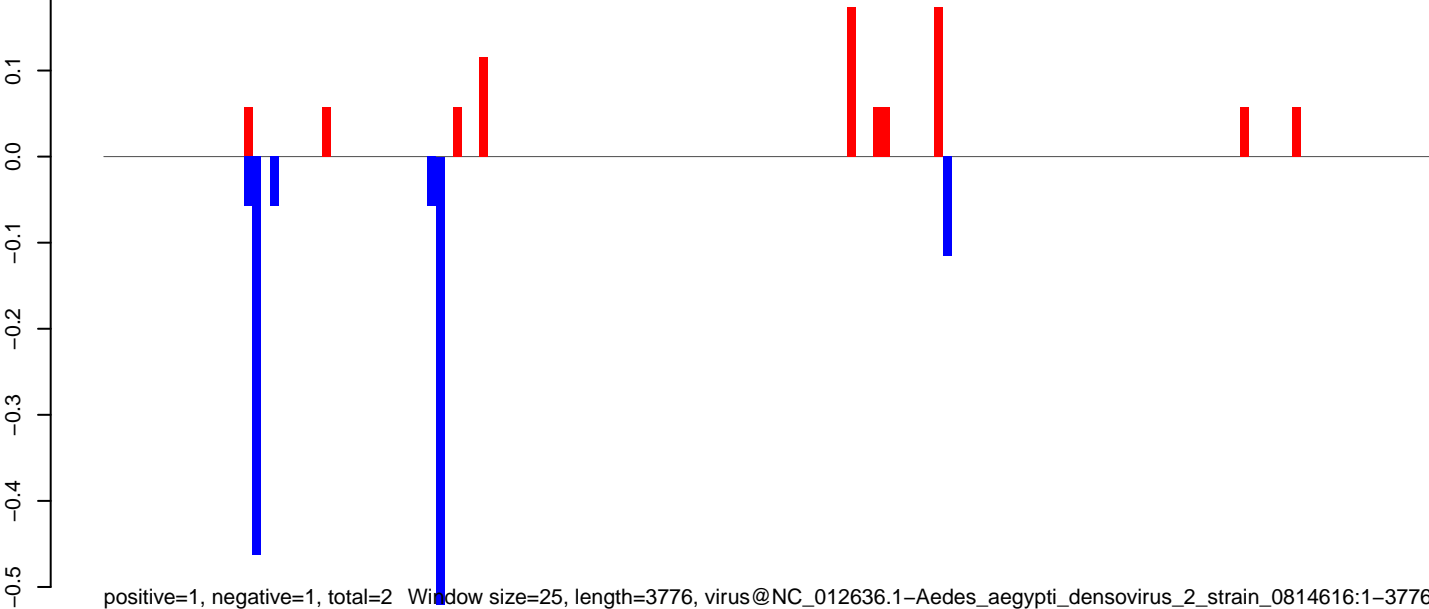
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

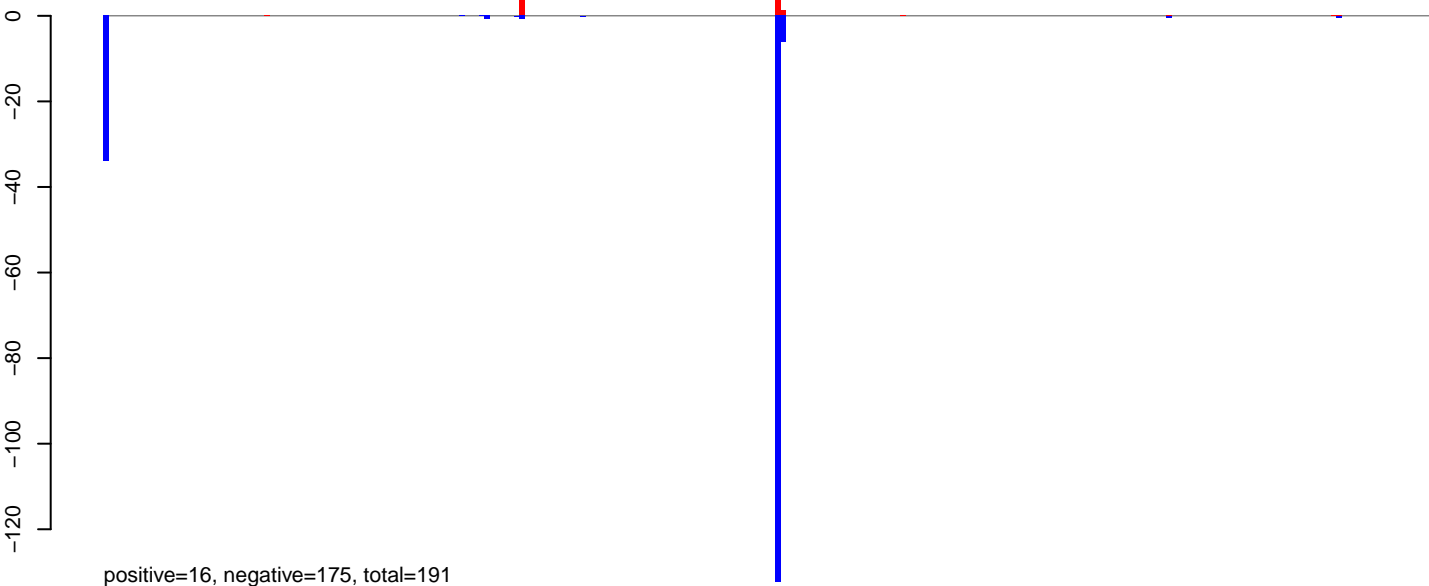


**AeAlbo\_U4.4\_CHIKV.rep**



0 1000 2000 3000

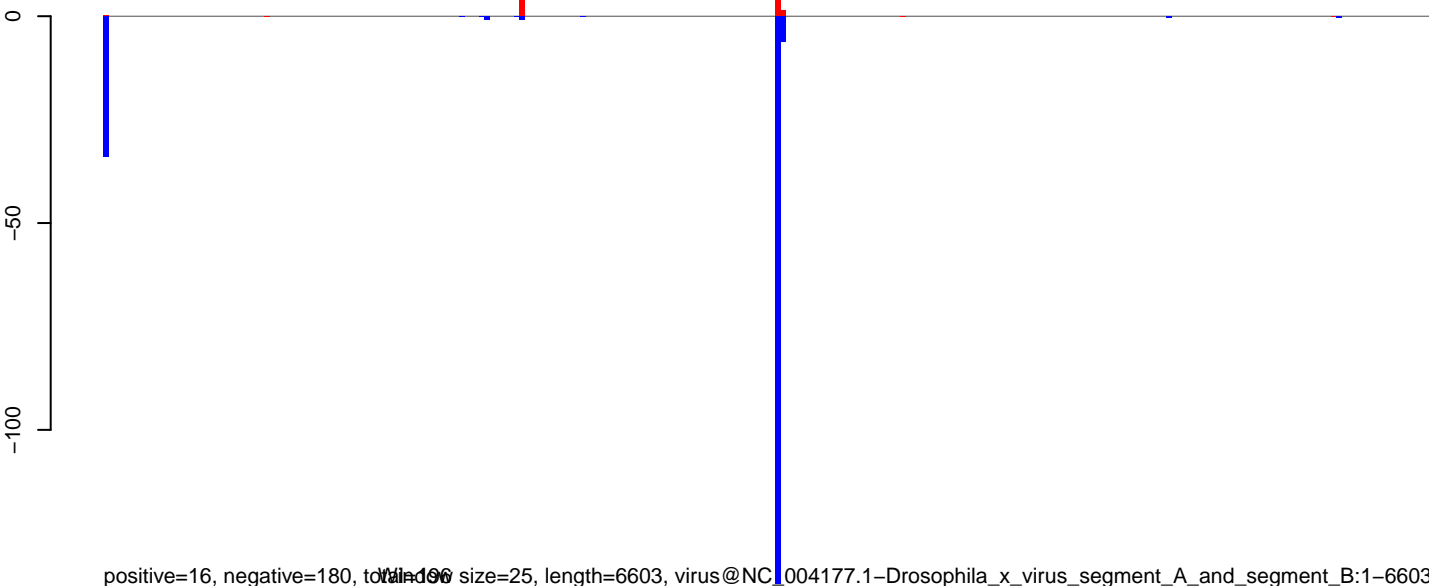
### AeAlbo\_U4.4\_CHIKV.18\_23.rep



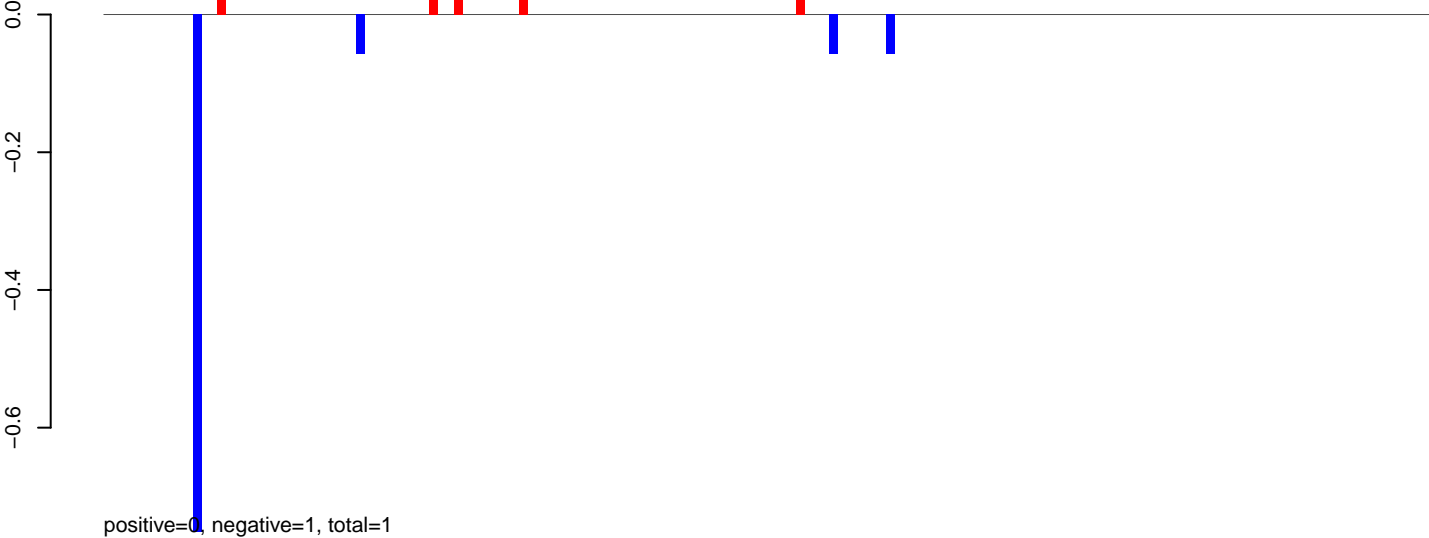
### AeAlbo\_U4.4\_CHIKV.24\_35.rep



### AeAlbo\_U4.4\_CHIKV.rep



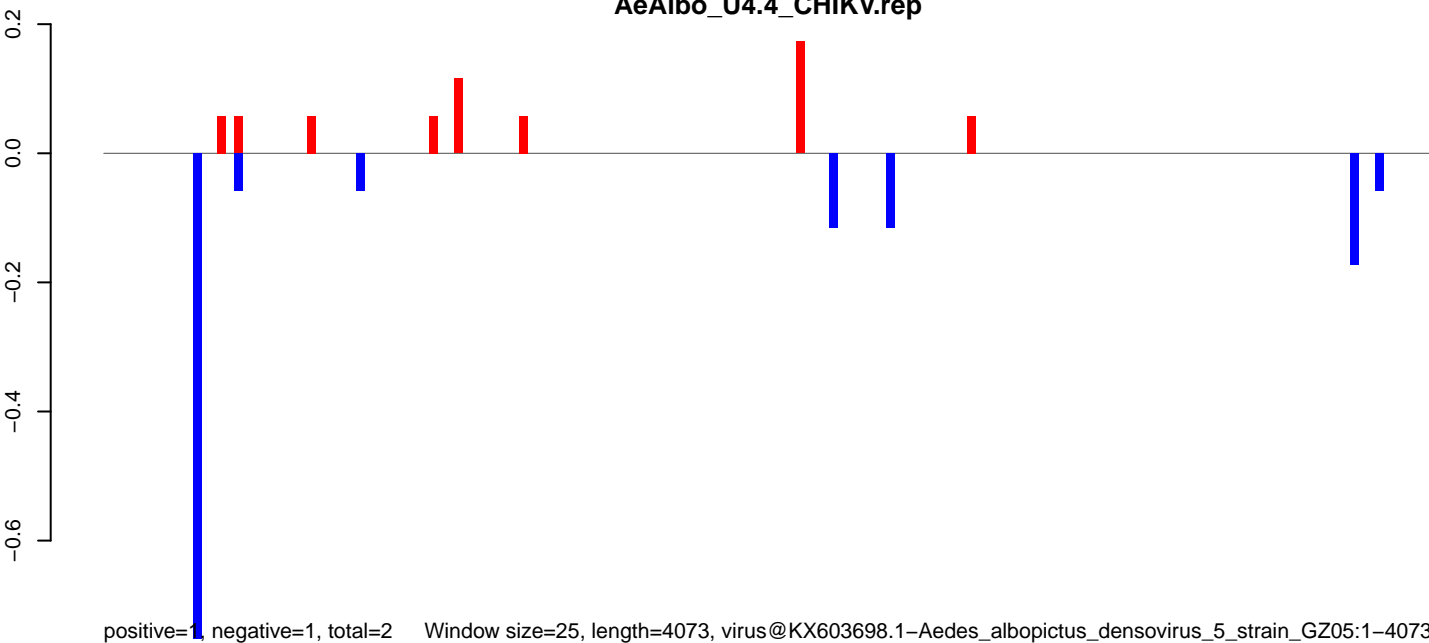
AeAlbo\_U4.4\_CHIKV.18\_23.rep



AeAlbo\_U4.4\_CHIKV.24\_35.rep



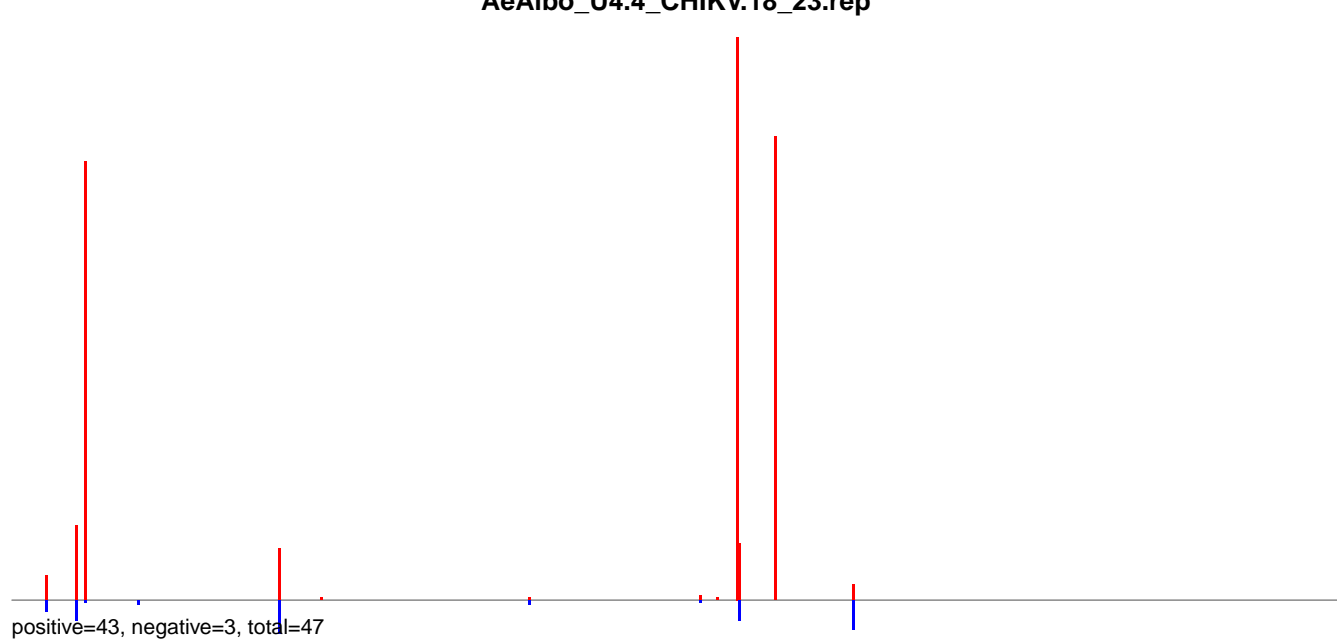
AeAlbo\_U4.4\_CHIKV.rep



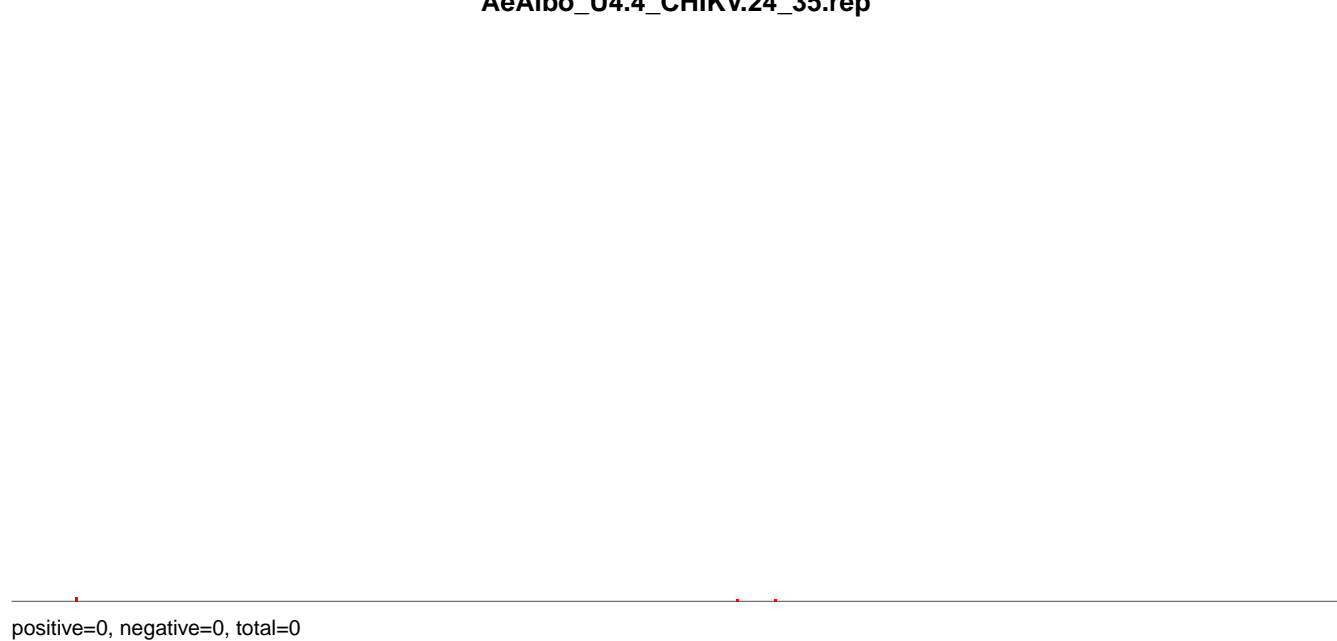
Window size=25, length=4073, virus@KX603698.1-Aedes\_albopictus\_densovirus\_5\_strain\_GZ05:1-4073



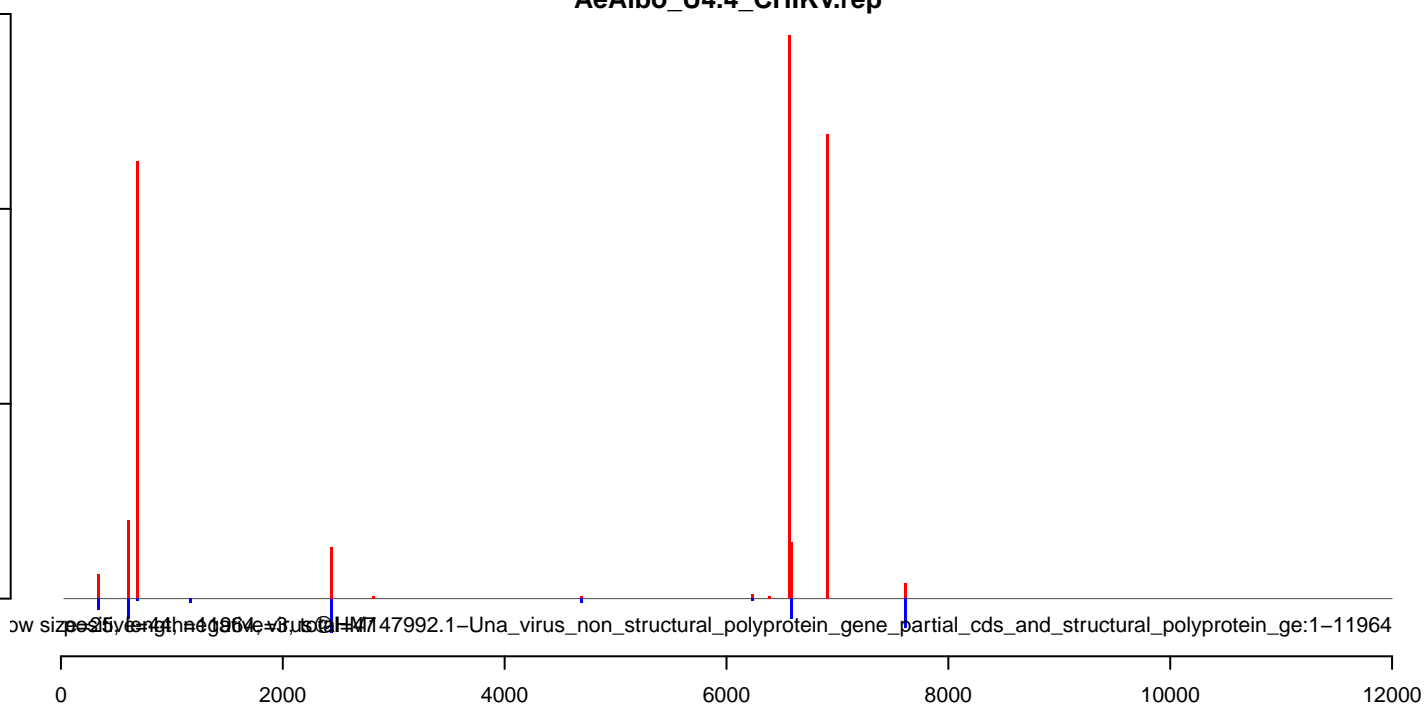
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



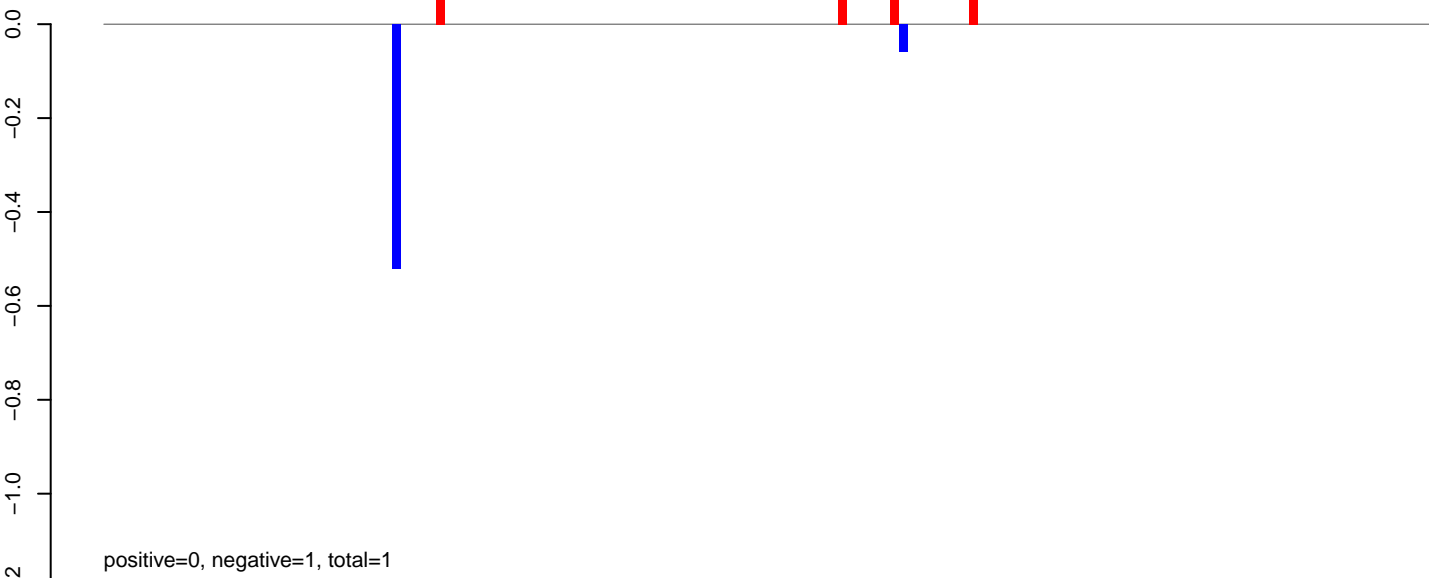
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



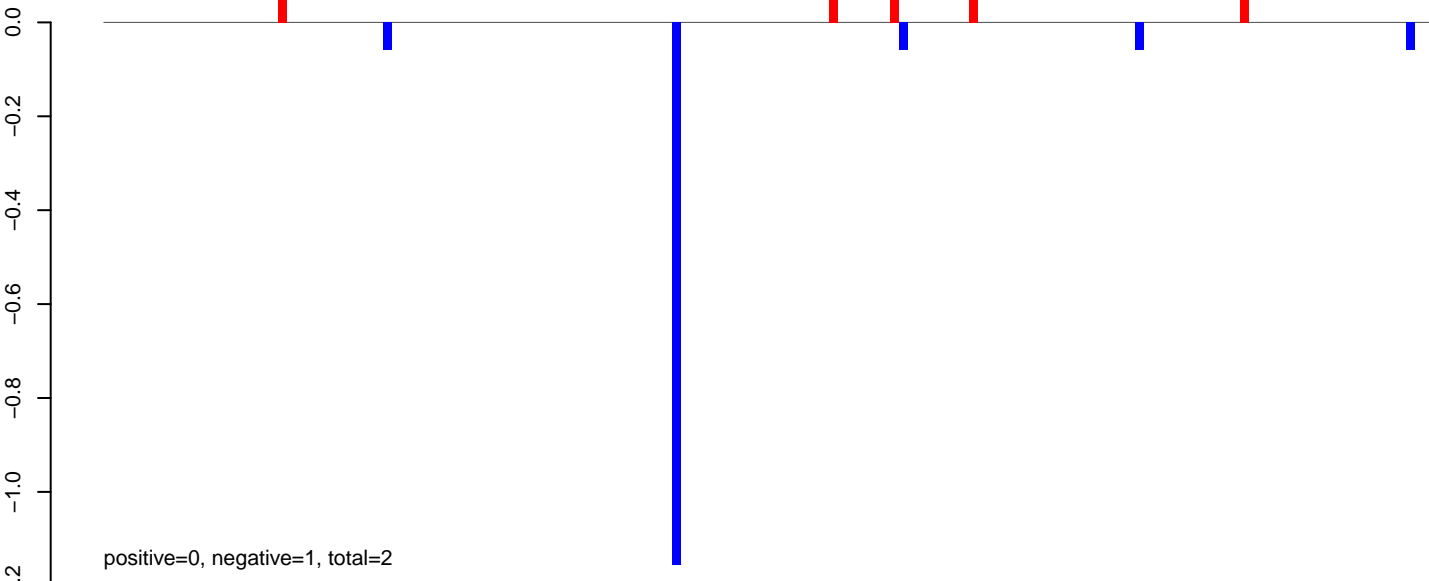
**AeAlbo\_U4.4\_CHIKV.rep**



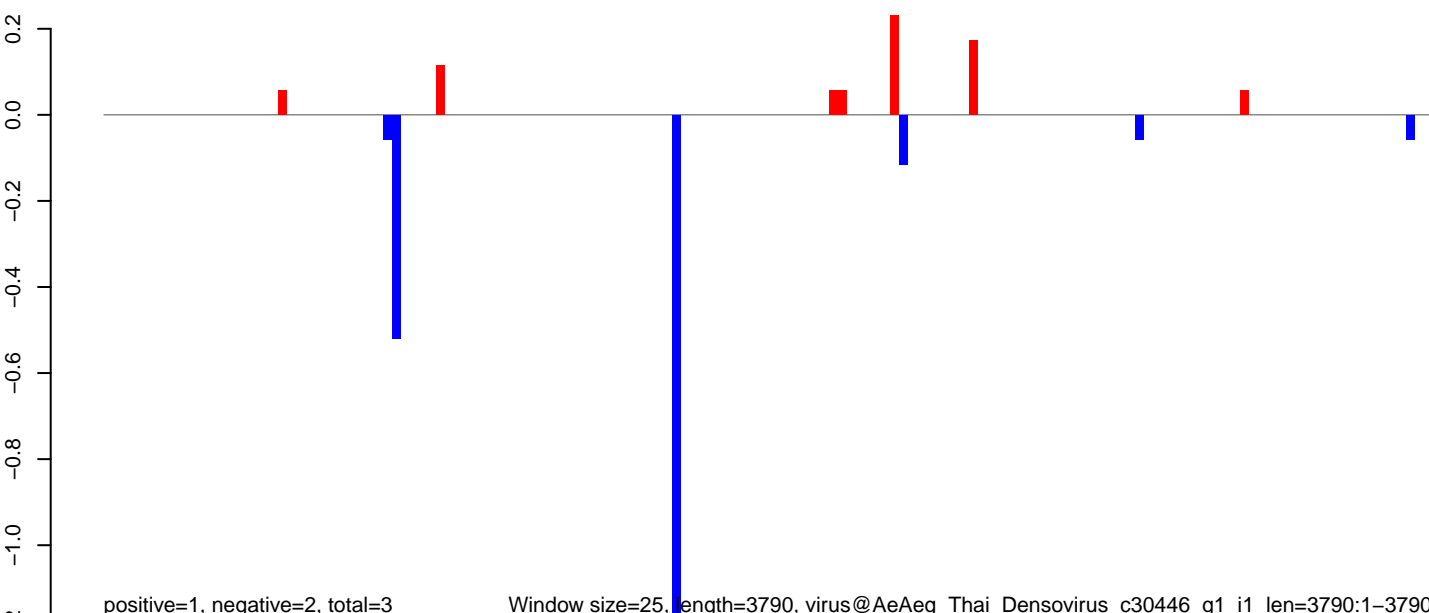
AeAlbo\_U4.4\_CHIKV.18\_23.rep



AeAlbo\_U4.4\_CHIKV.24\_35.rep

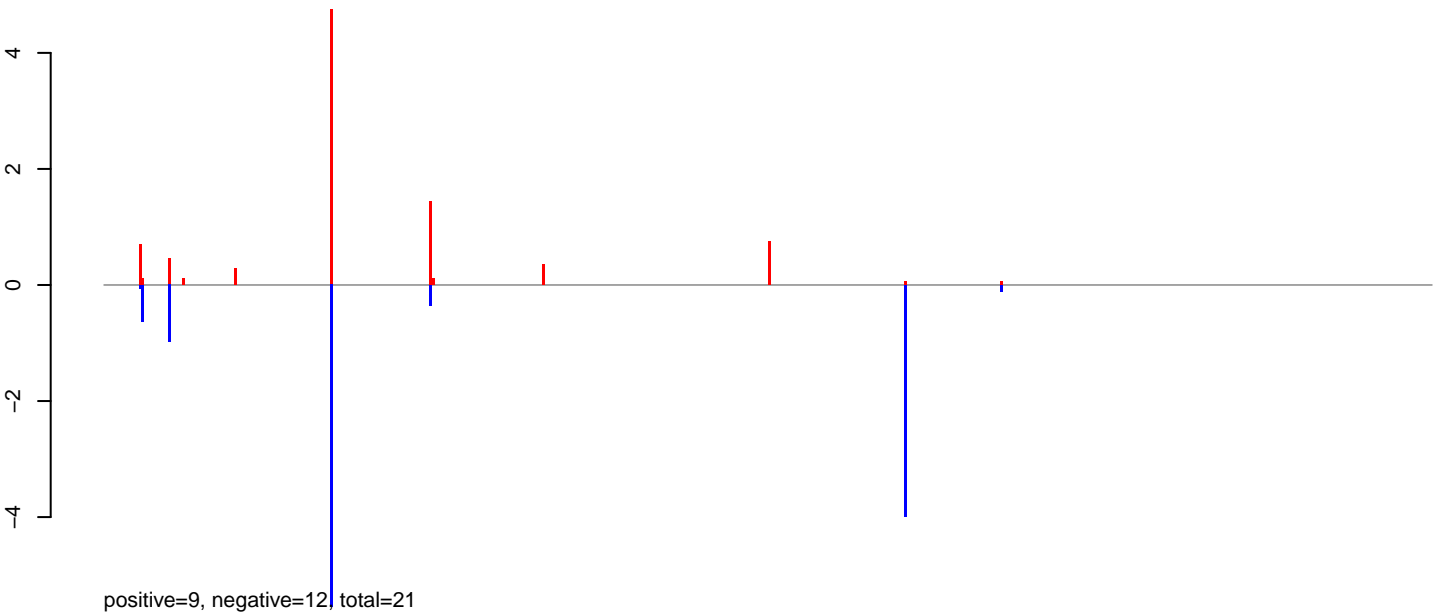


AeAlbo\_U4.4\_CHIKV.rep



Window size=25, length=3790, virus@AeAeg\_Thai\_Densovirus\_c30446\_g1\_i1\_len=3790:1-3790

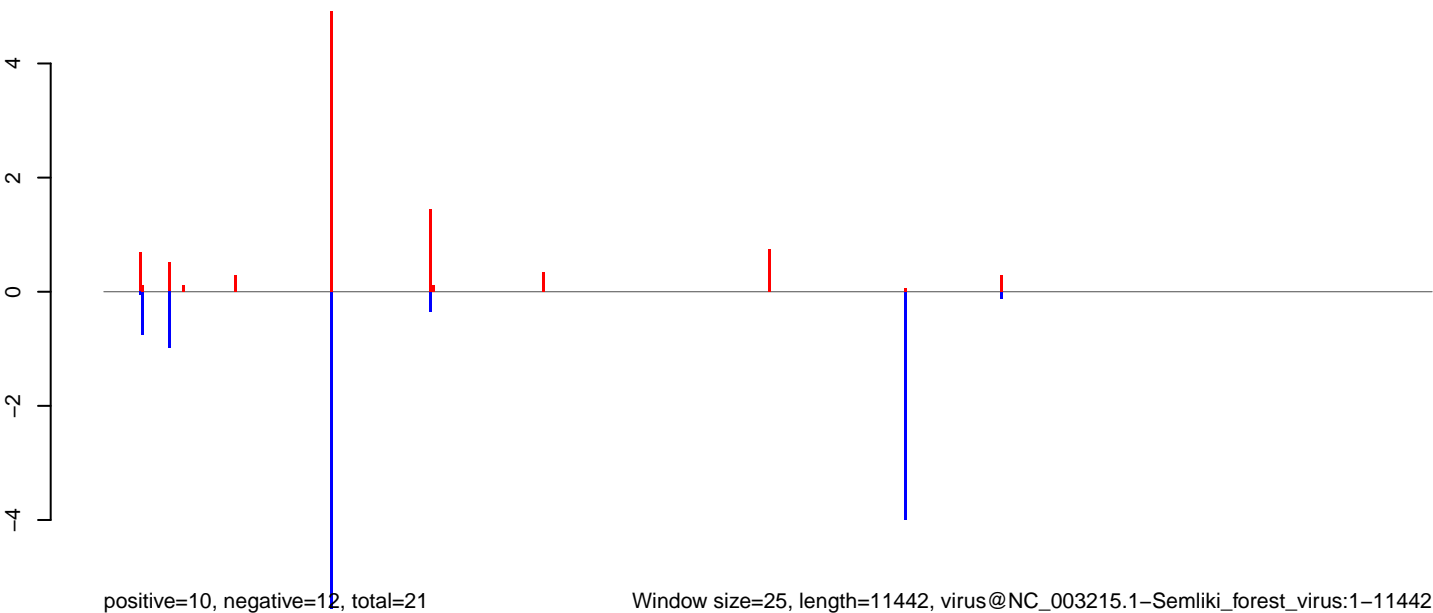
AeAlbo\_U4.4\_CHIKV.18\_23.rep



AeAlbo\_U4.4\_CHIKV.24\_35.rep



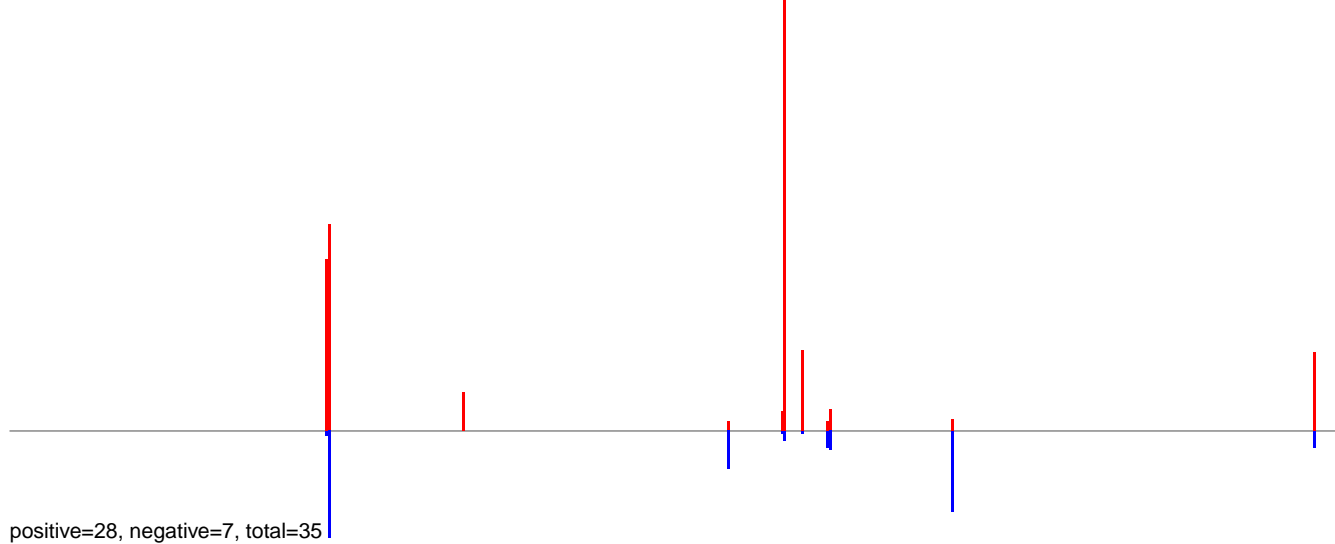
AeAlbo\_U4.4\_CHIKV.rep



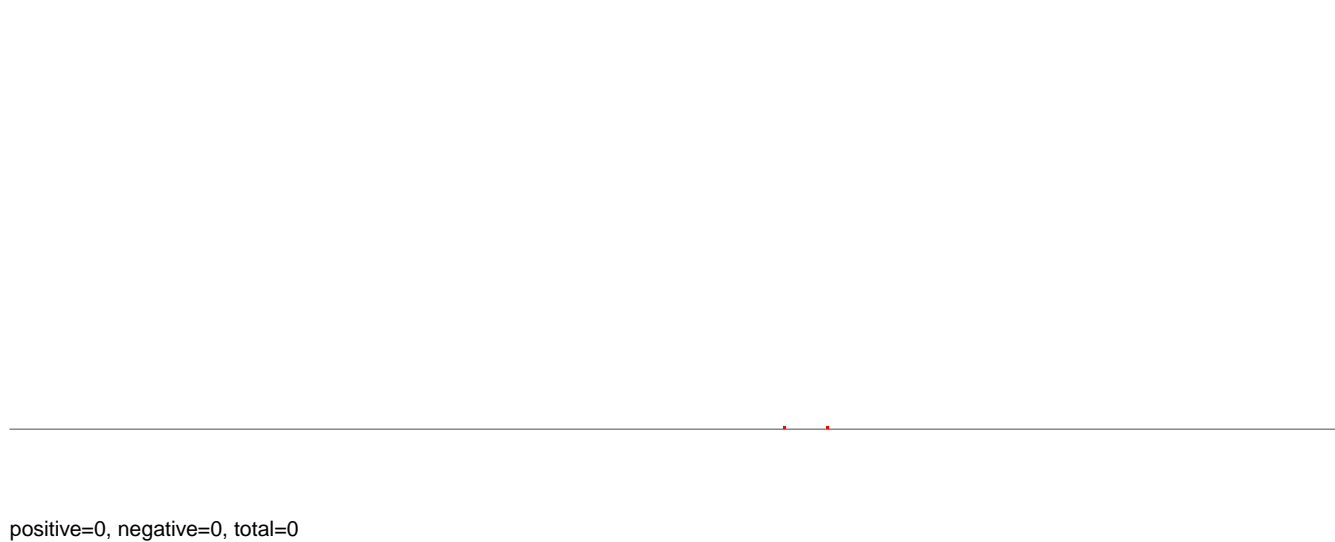
Window size=25, length=11442, virus@NC\_003215.1-Semliki\_forest\_virus:1-11442

0 2000 4000 6000 8000 10000

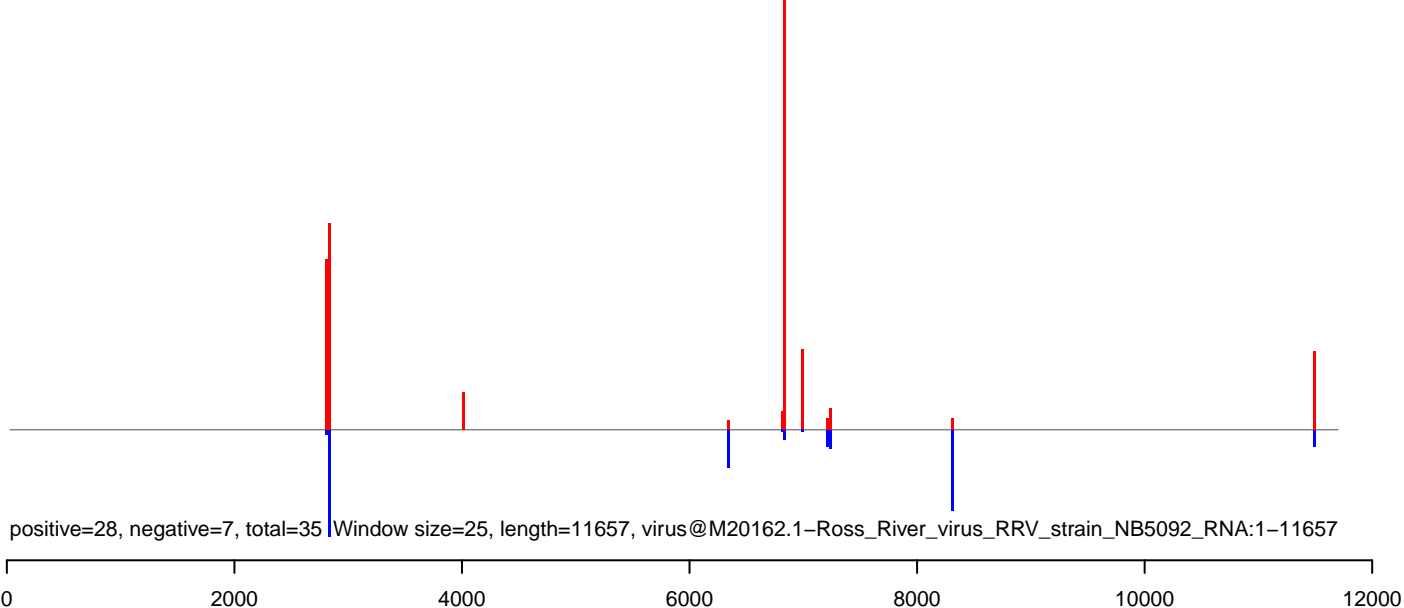
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



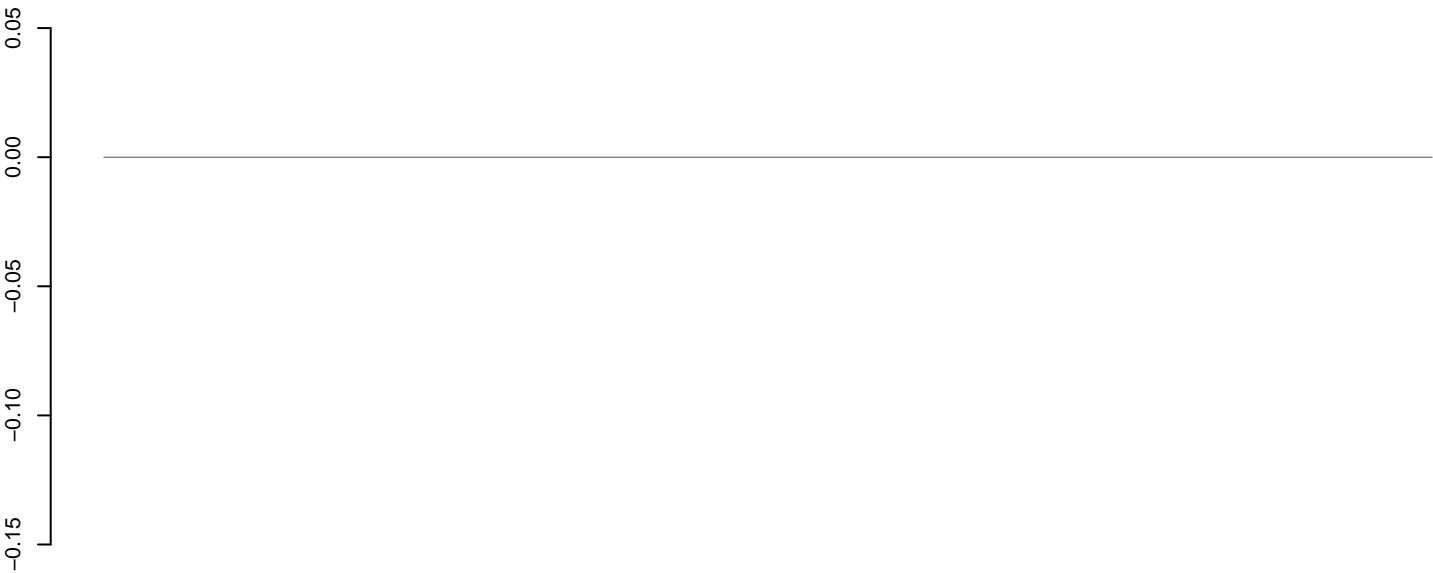
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

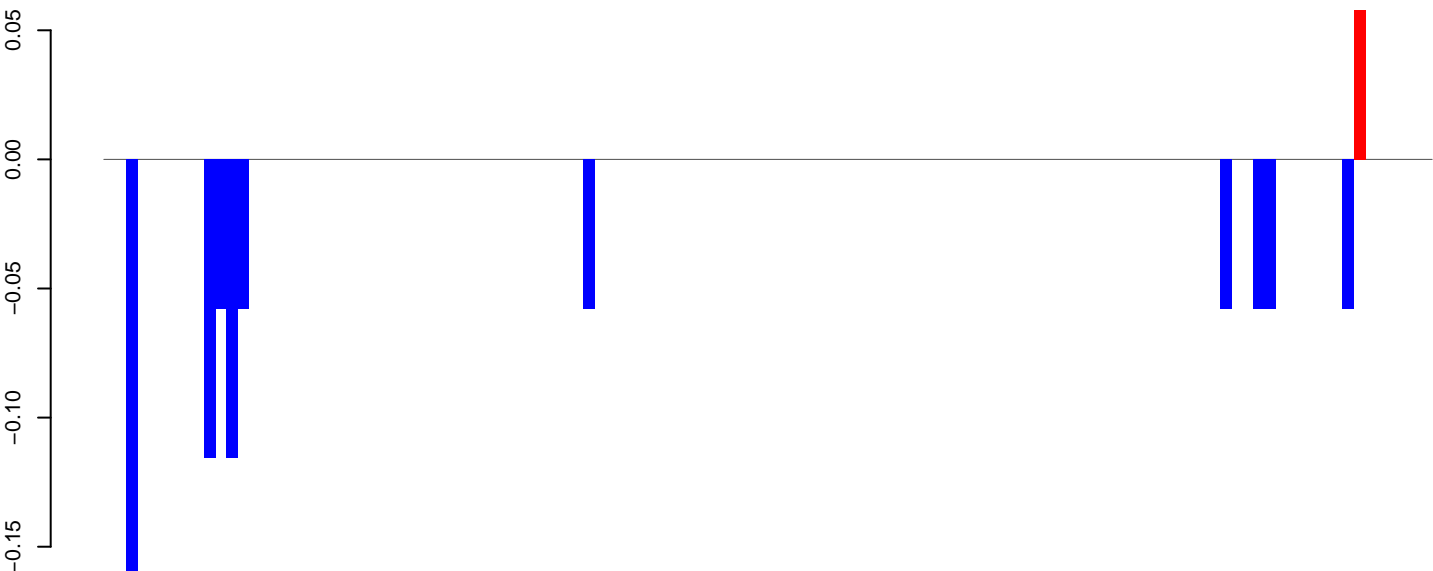


AeAlbo\_U4.4\_CHIKV.18\_23.rep



positive=0, negative=0, total=0

AeAlbo\_U4.4\_CHIKV.24\_35.rep



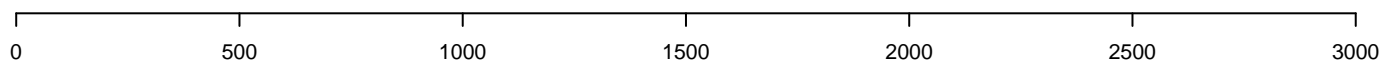
positive=0, negative=1, total=1

AeAlbo\_U4.4\_CHIKV.rep

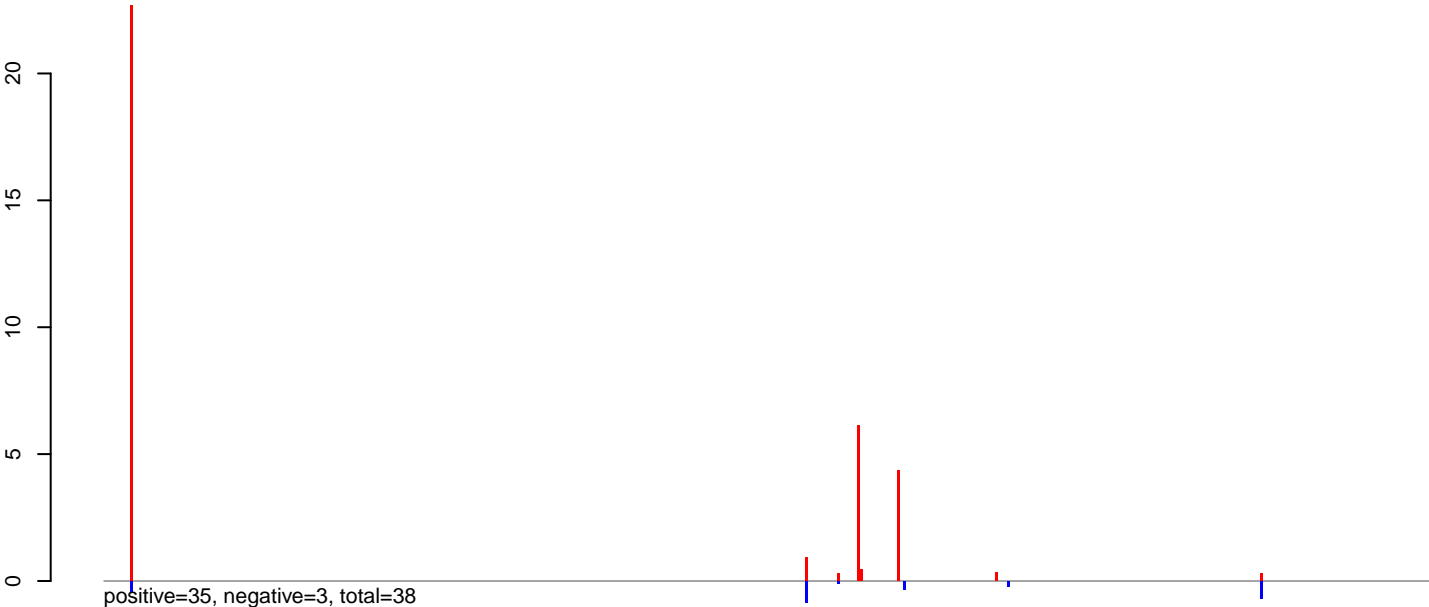


positive=0, negative=1, total=1

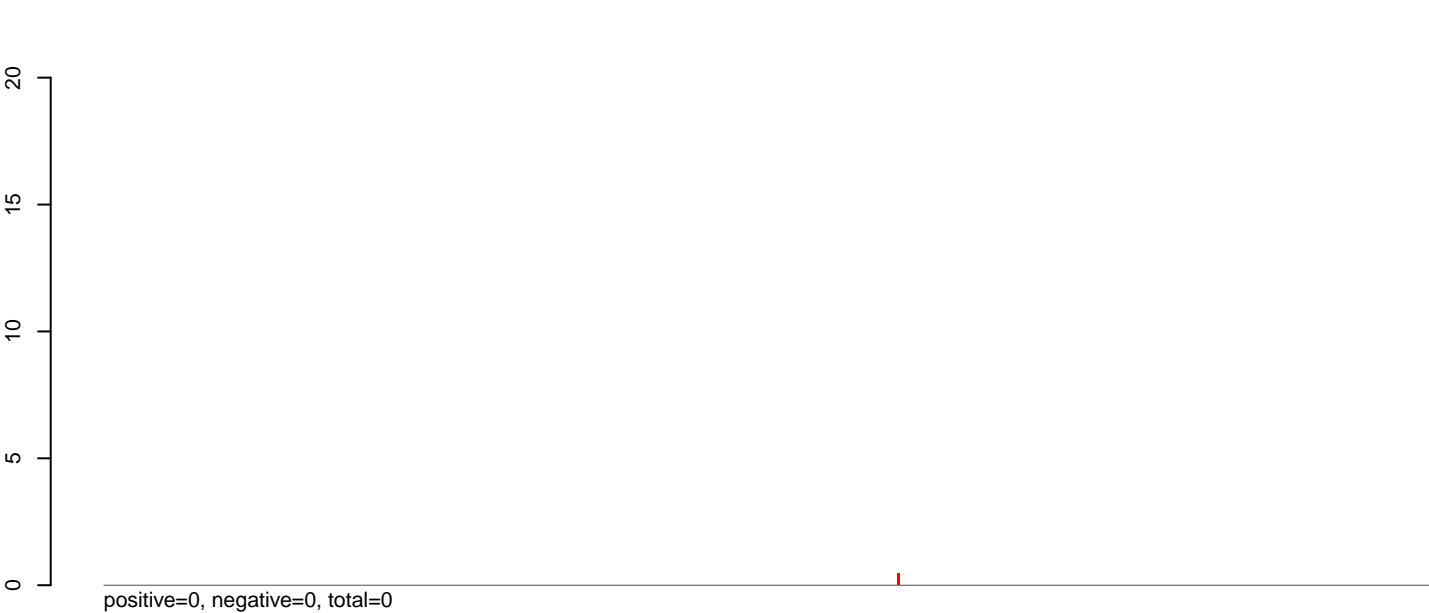
Window size=25, length=2965, virus@AY347953.2-Aedes\_aegypti\_genomic\_sequence:1-2965



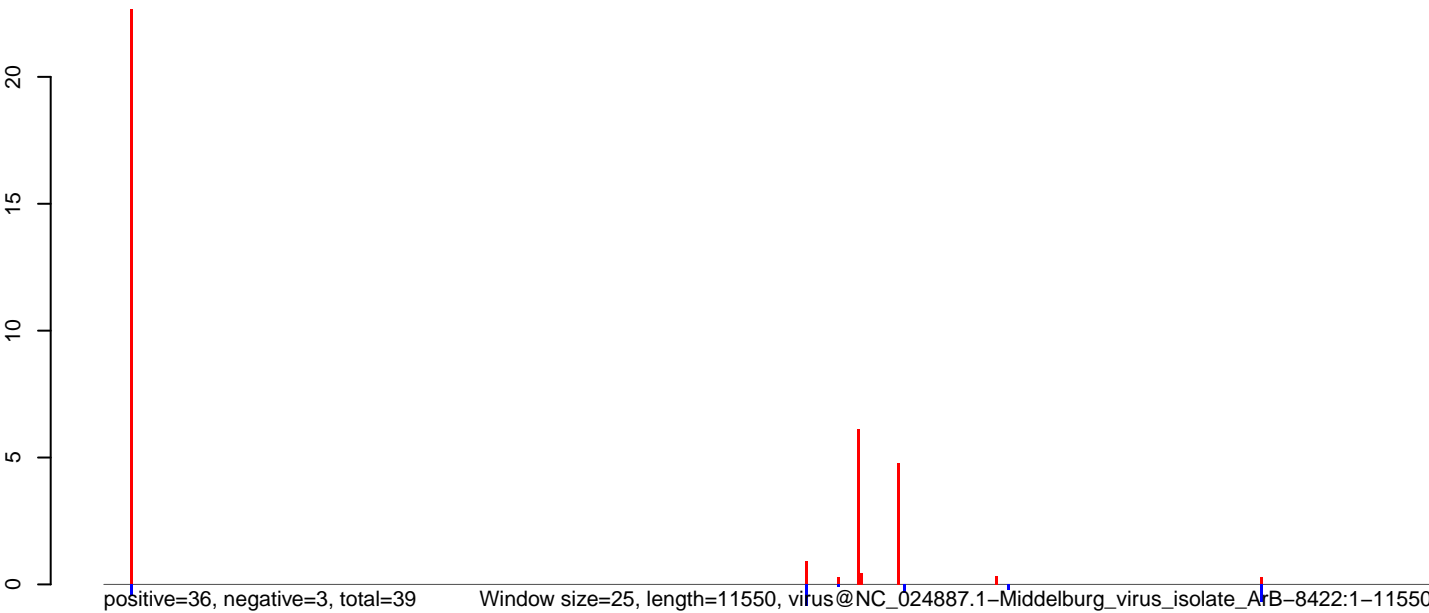
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



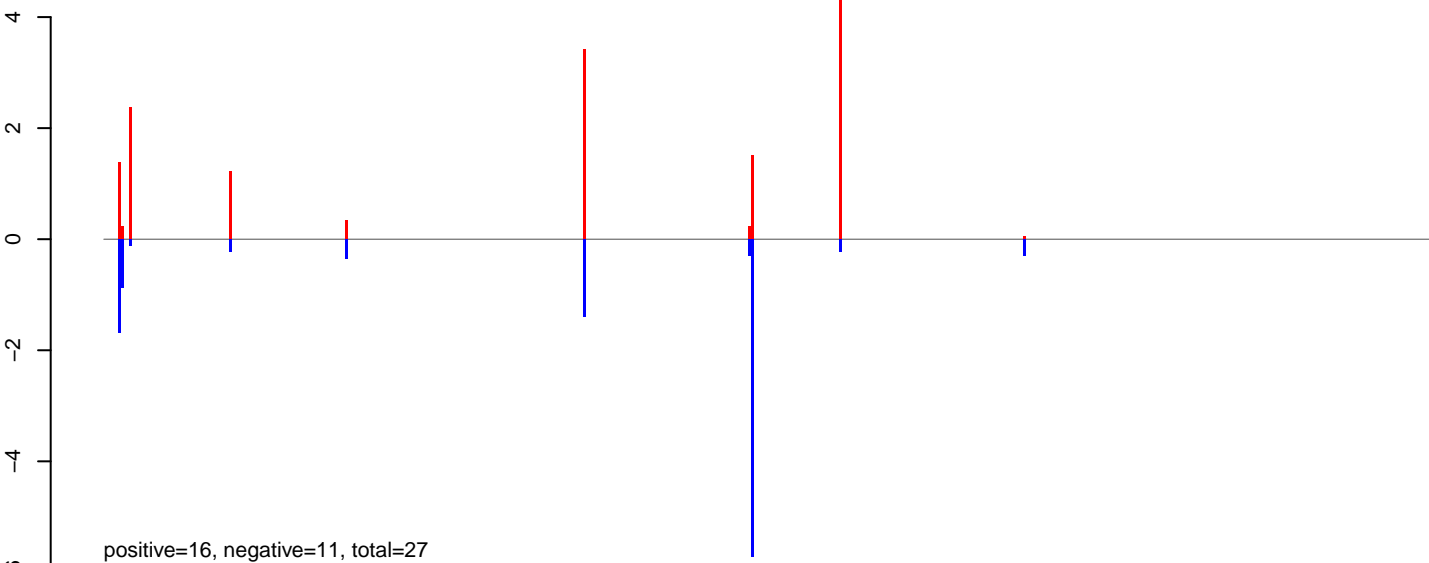
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



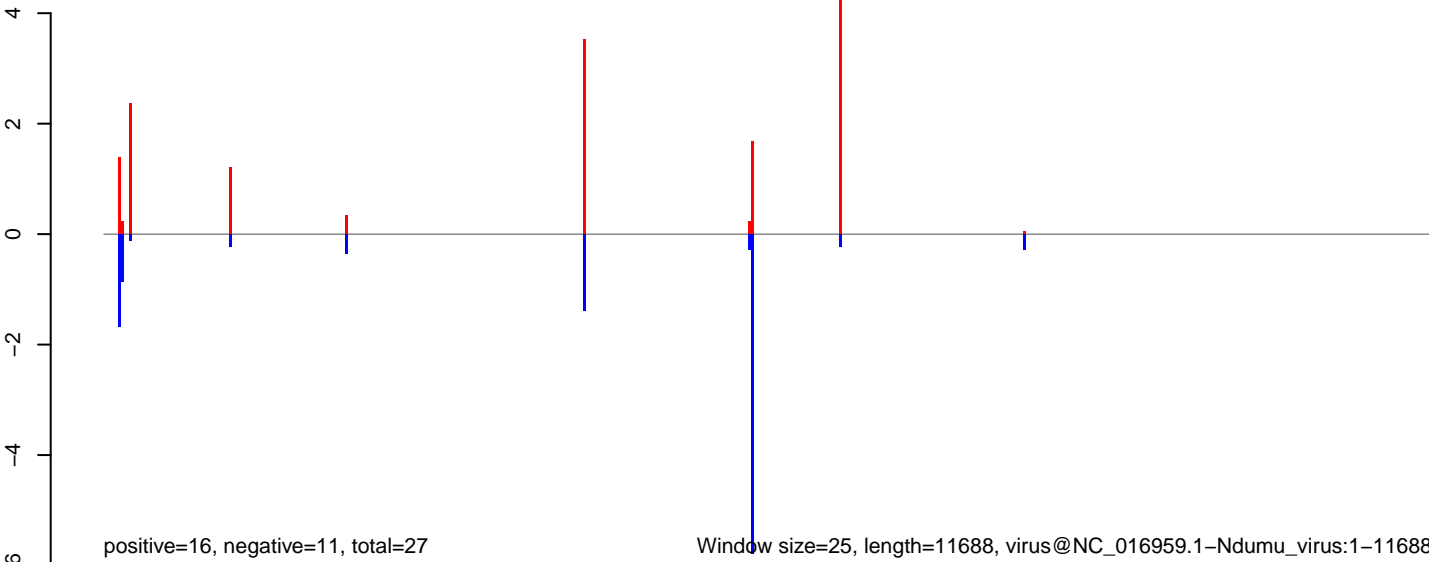
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

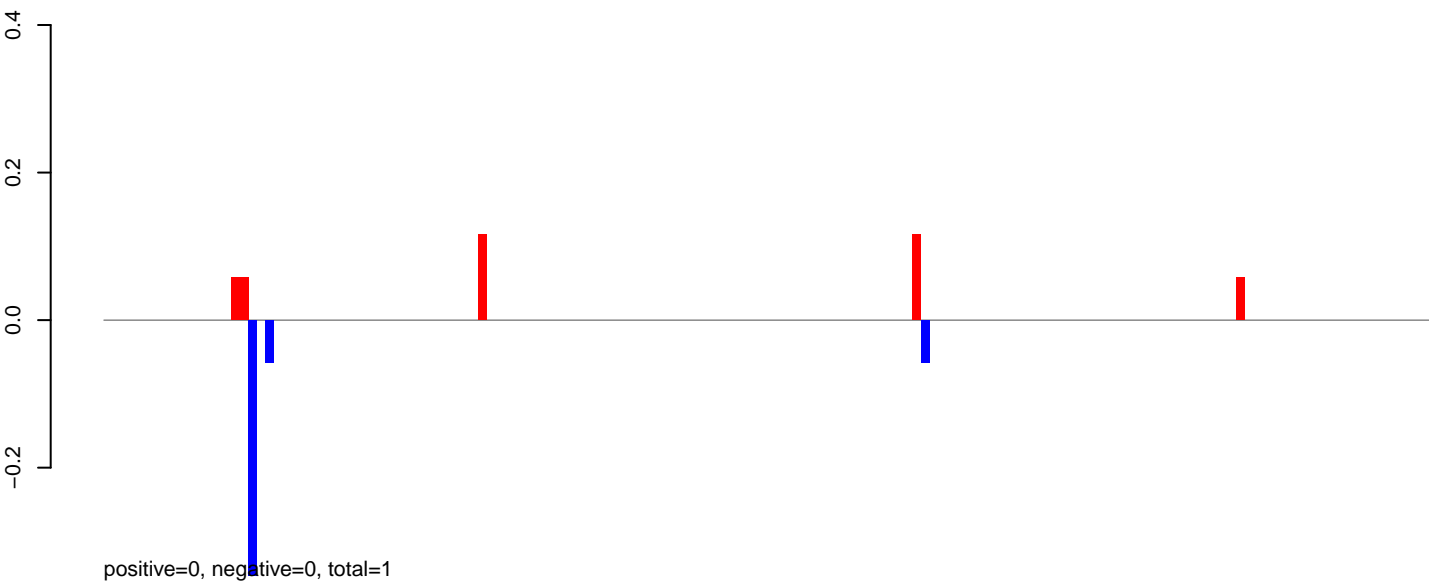


**AeAlbo\_U4.4\_CHIKV.rep**

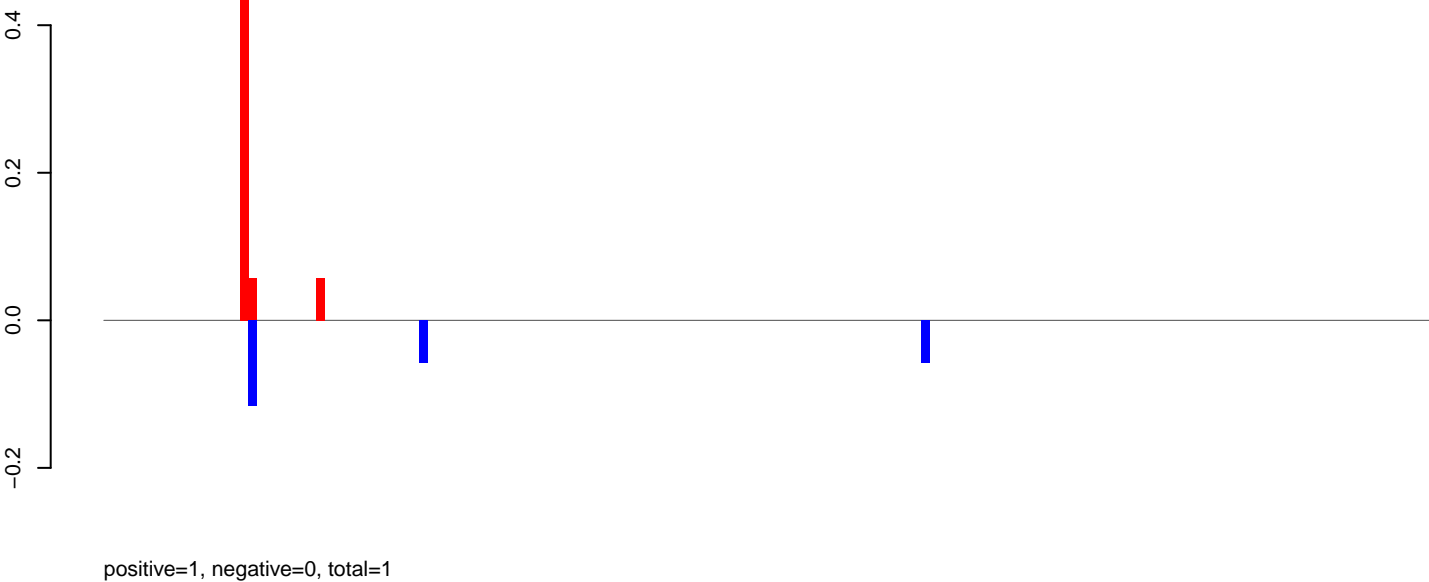


0 2000 4000 6000 8000 10000 12000

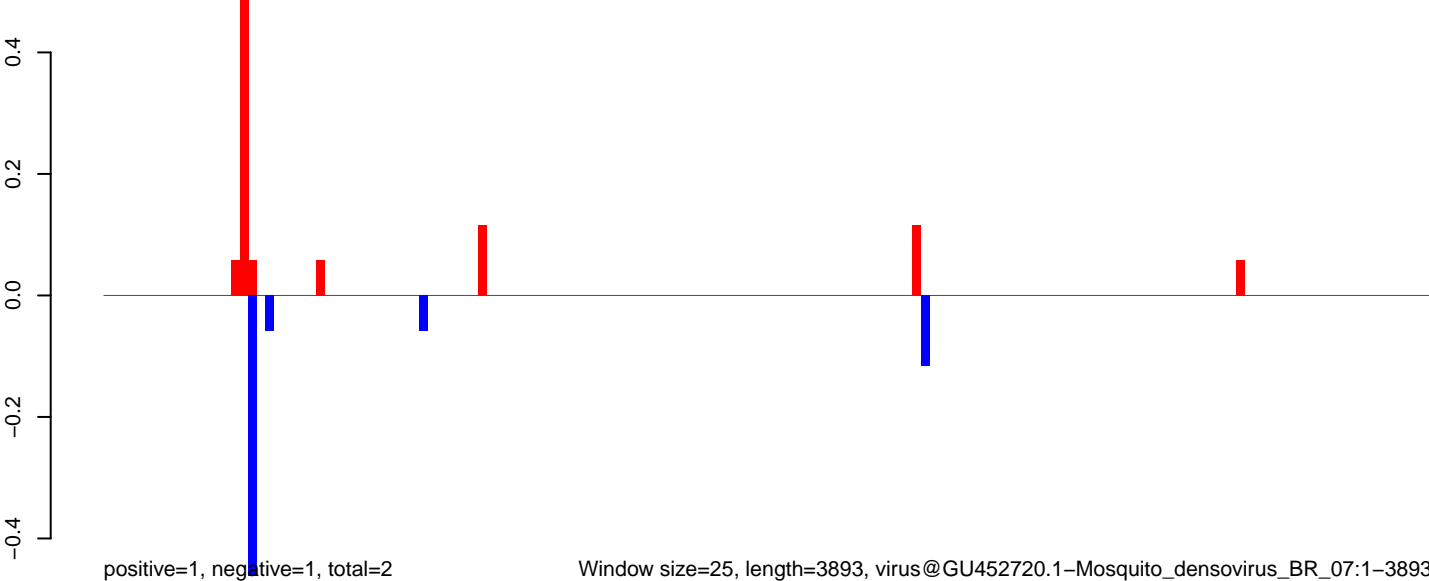
AeAlbo\_U4.4\_CHIKV.18\_23.rep



AeAlbo\_U4.4\_CHIKV.24\_35.rep



AeAlbo\_U4.4\_CHIKV.rep

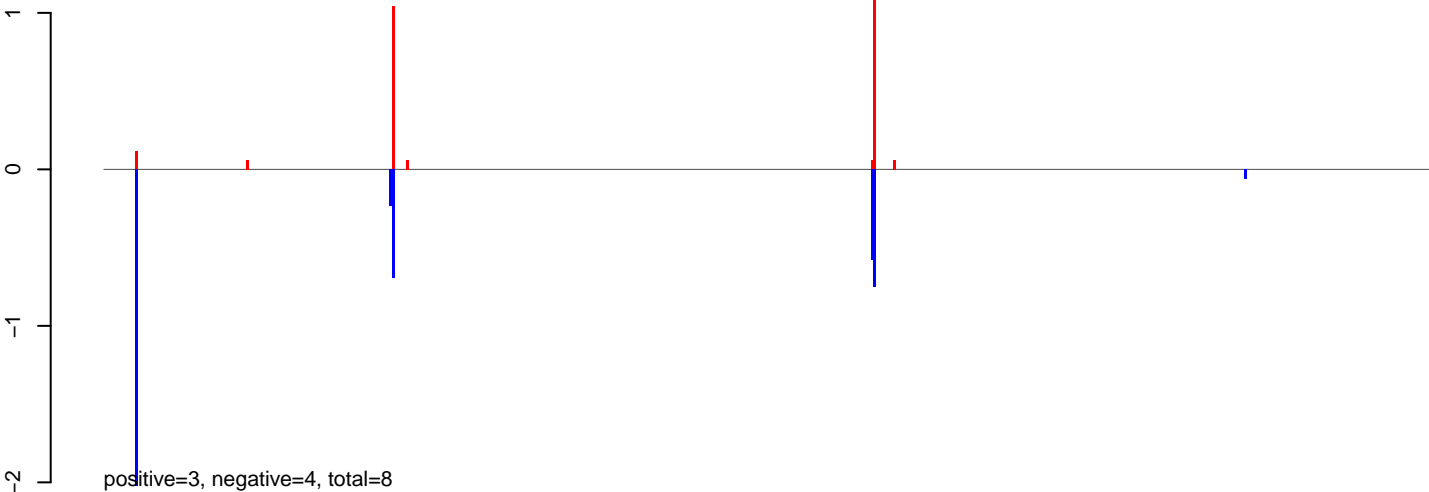


Window size=25, length=3893, virus@GU452720.1-Mosquito\_densovirus\_BR\_07:1-3893

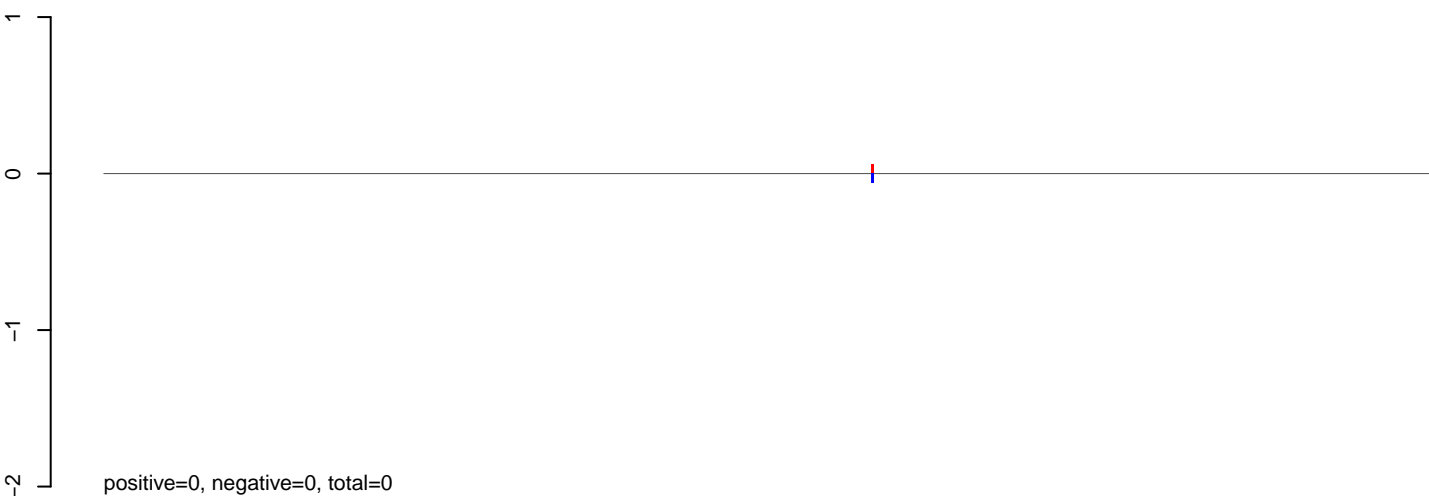
0 1000 2000 3000 4000



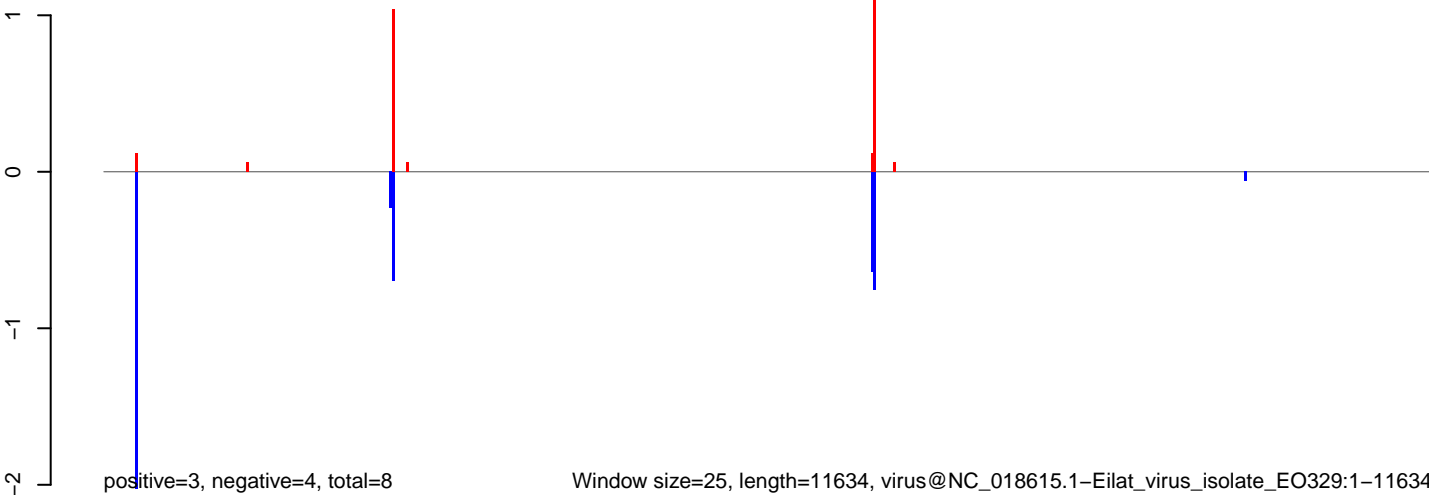
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

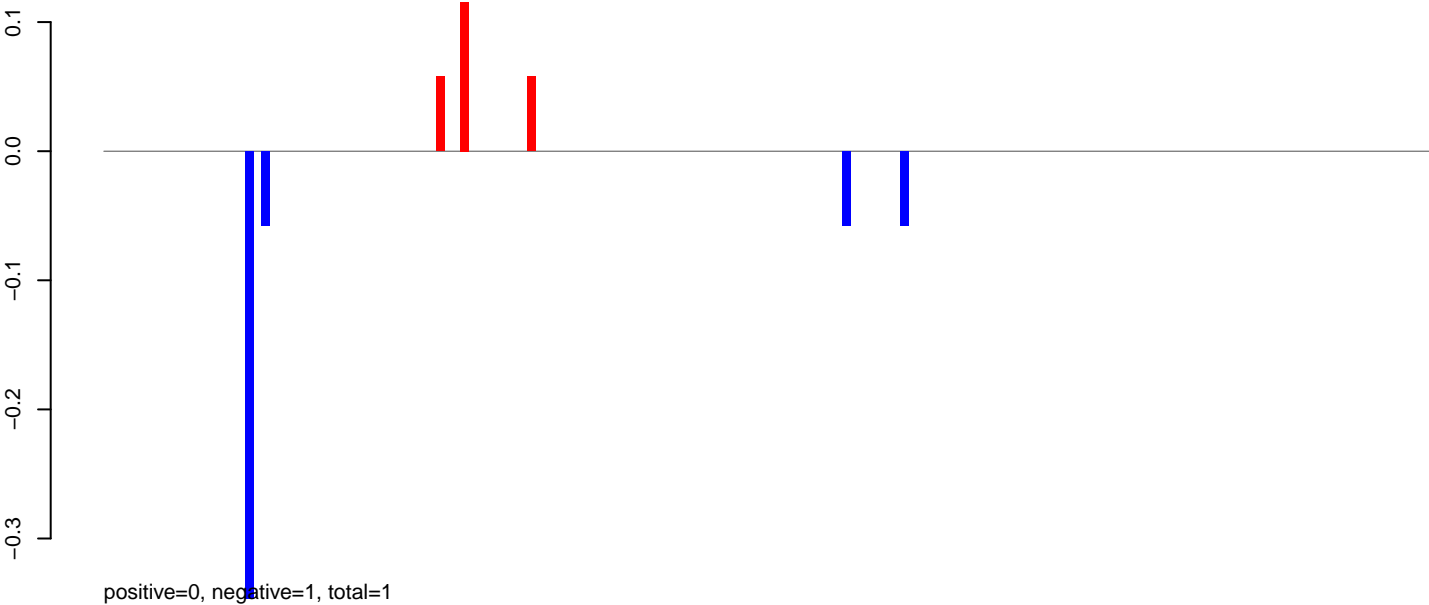


**AeAlbo\_U4.4\_CHIKV.rep**



Window size=25, length=11634, virus@NC\_018615.1-Eilat\_virus\_isolate\_EO329:1-11634

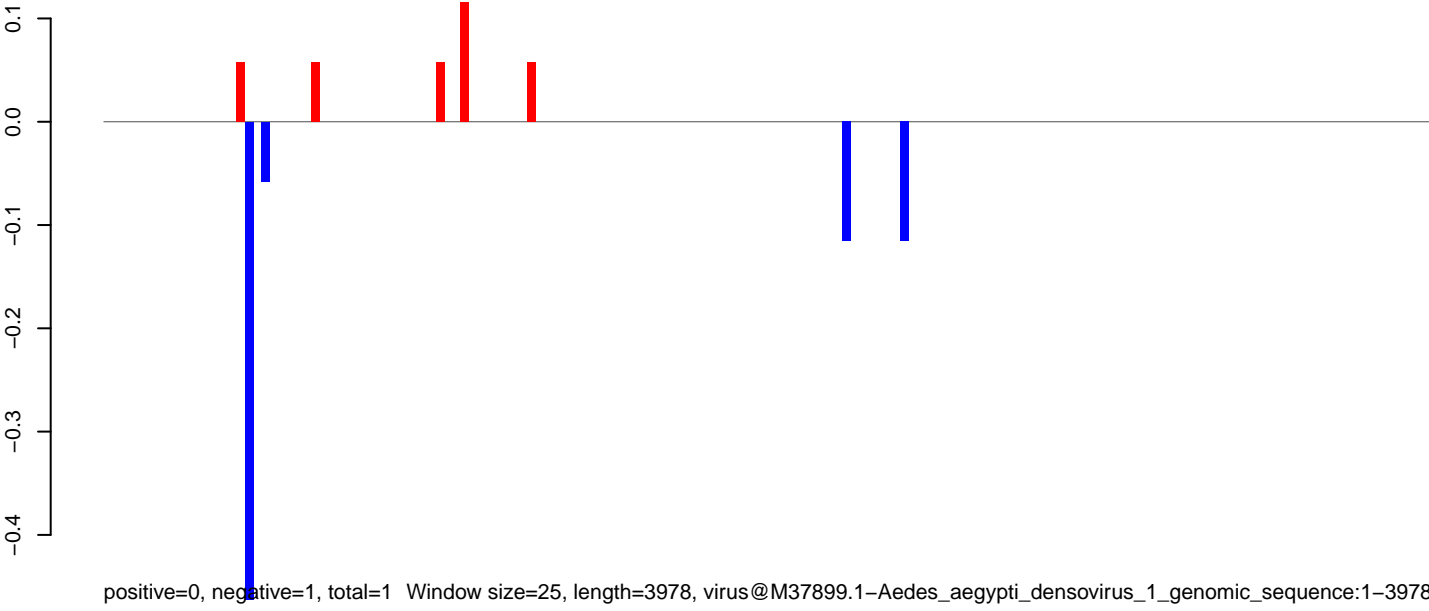
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

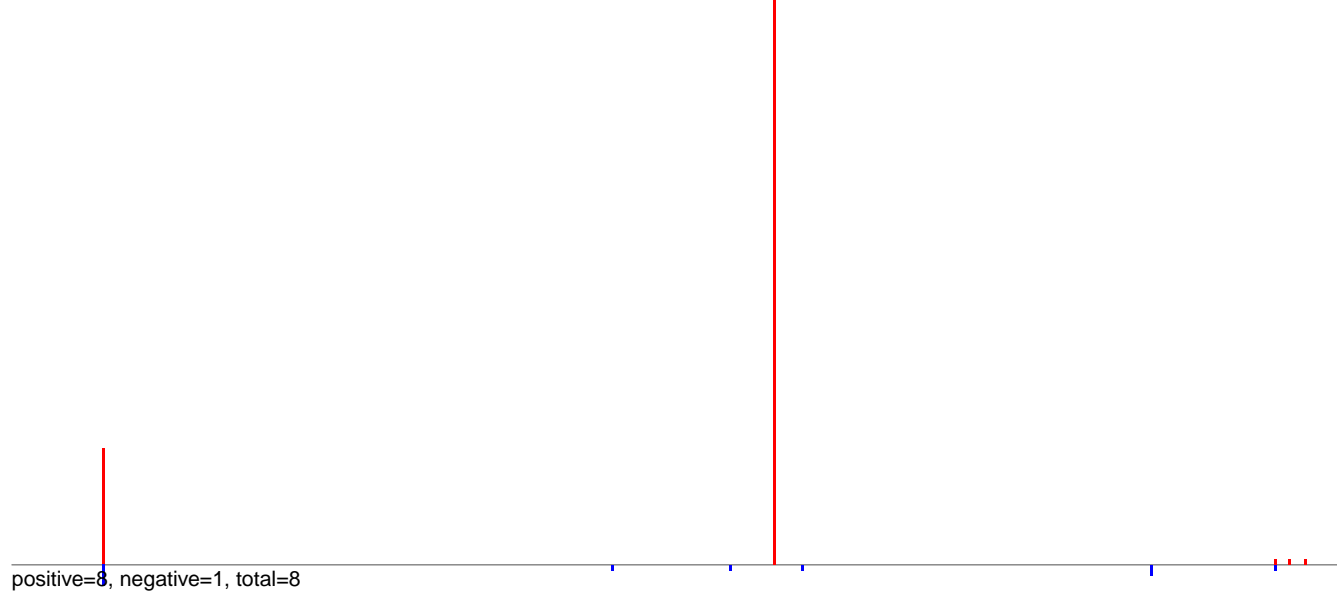


**AeAlbo\_U4.4\_CHIKV.rep**

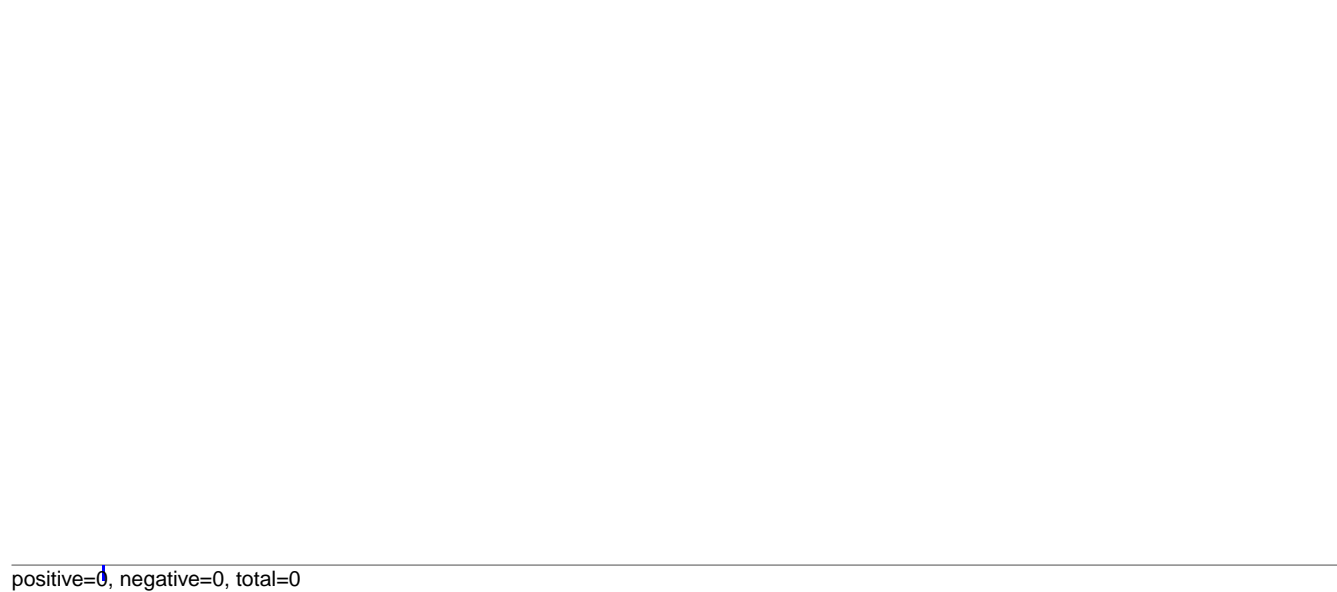


Window size=25, length=3978, virus@M37899.1-Aedes\_aegypti\_densovirus\_1\_genomic\_sequence:1-3978

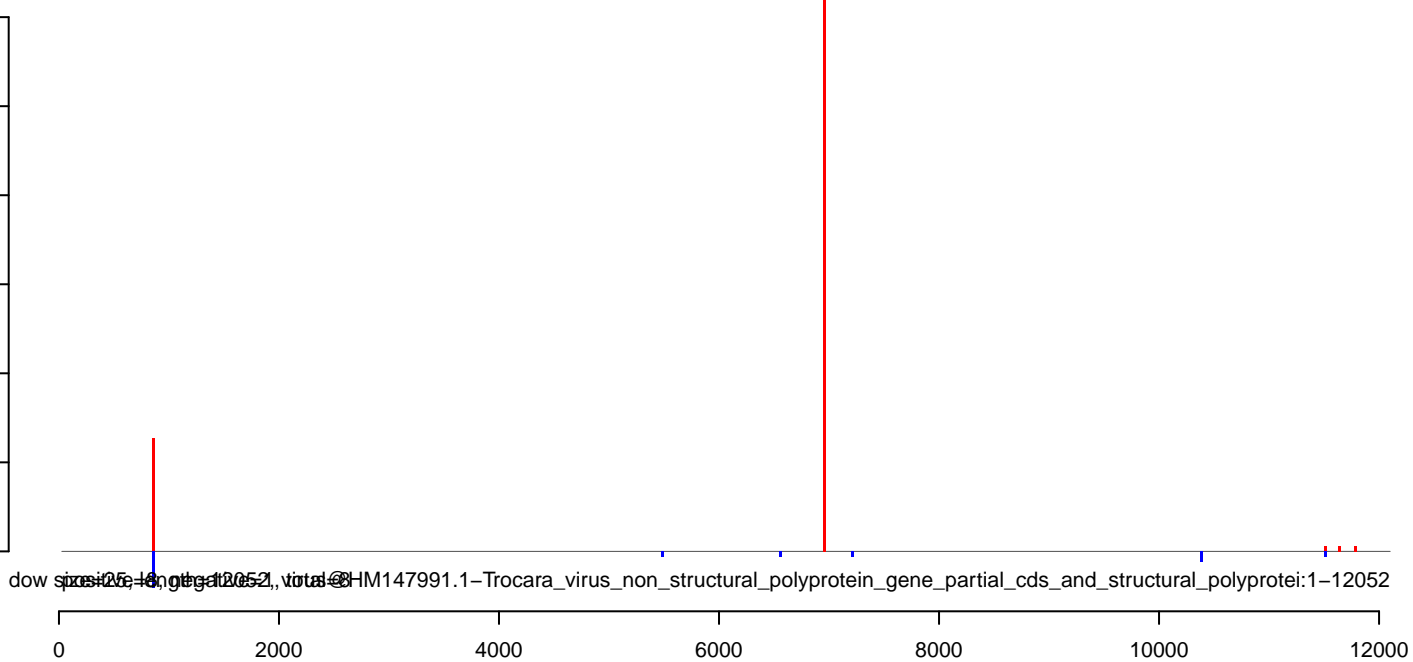
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

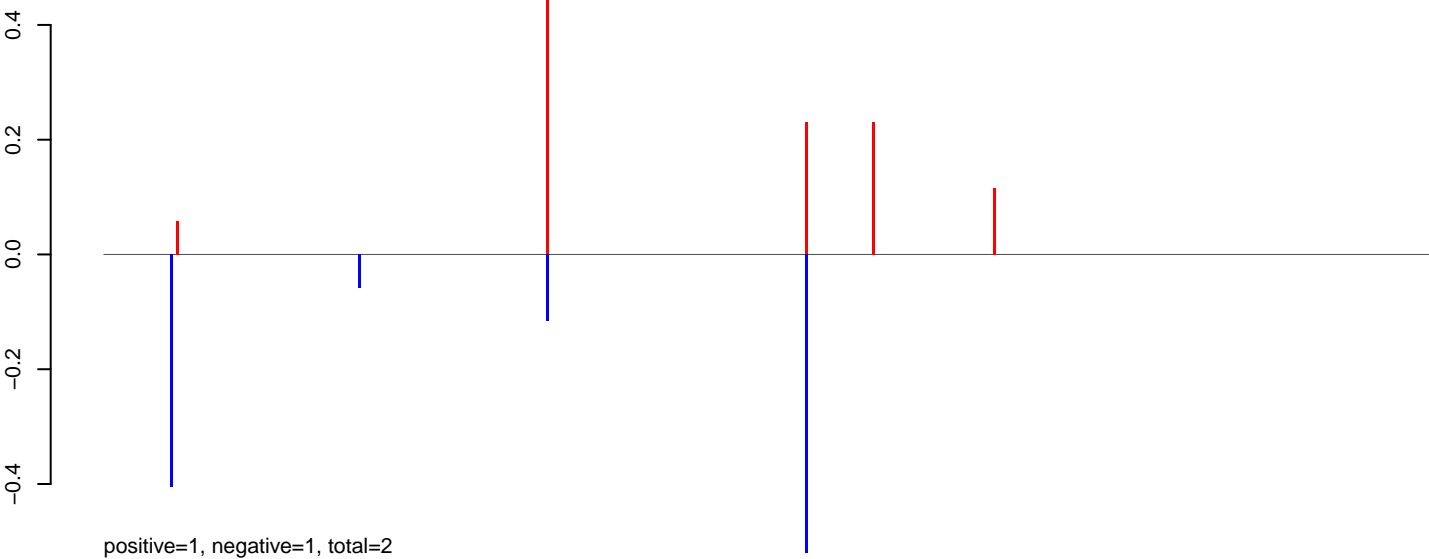


**AeAlbo\_U4.4\_CHIKV.rep**

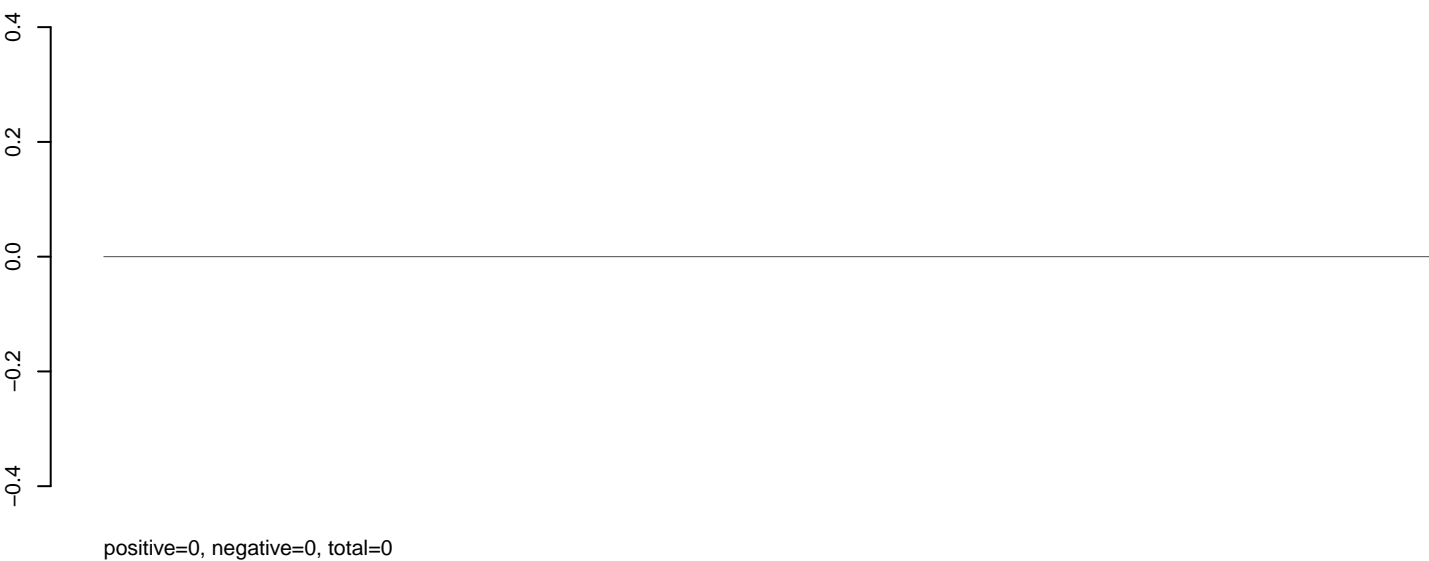


downloaded from <https://www.ncbi.nlm.nih.gov/nuclot/12052>, virus: HM147991.1-Trocaravirus non-structural polyprotein gene partial cds and structural polyprotein:1-12052

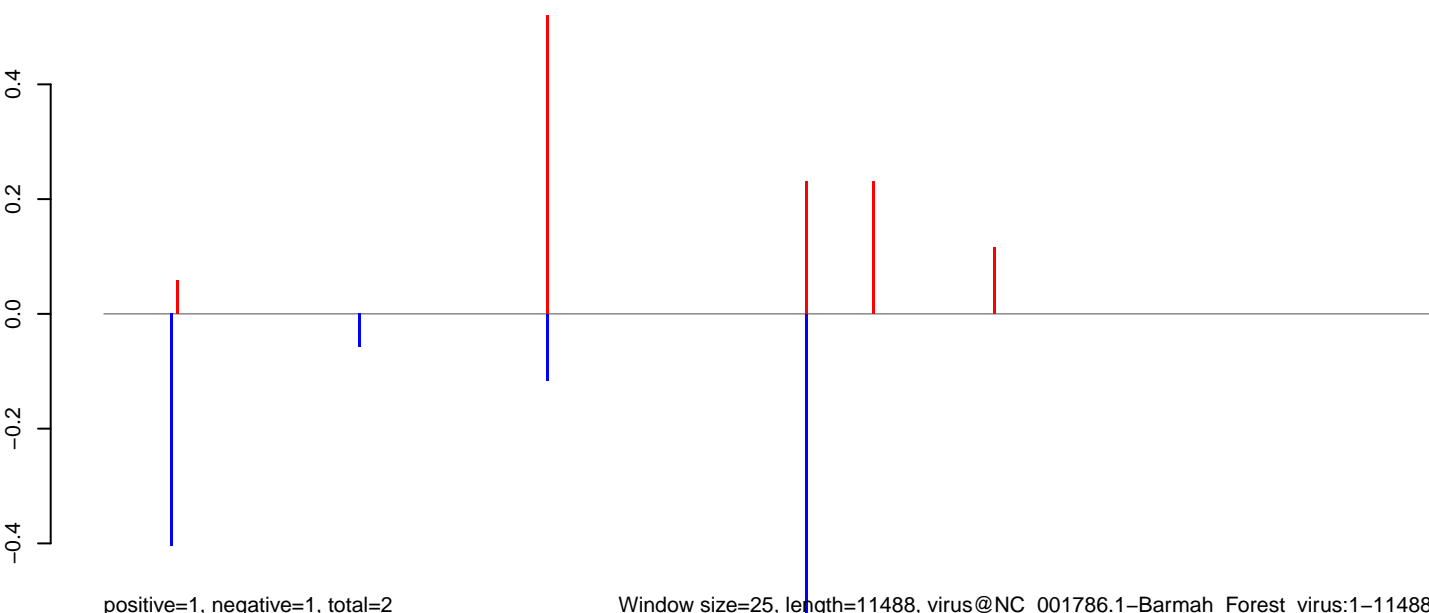
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



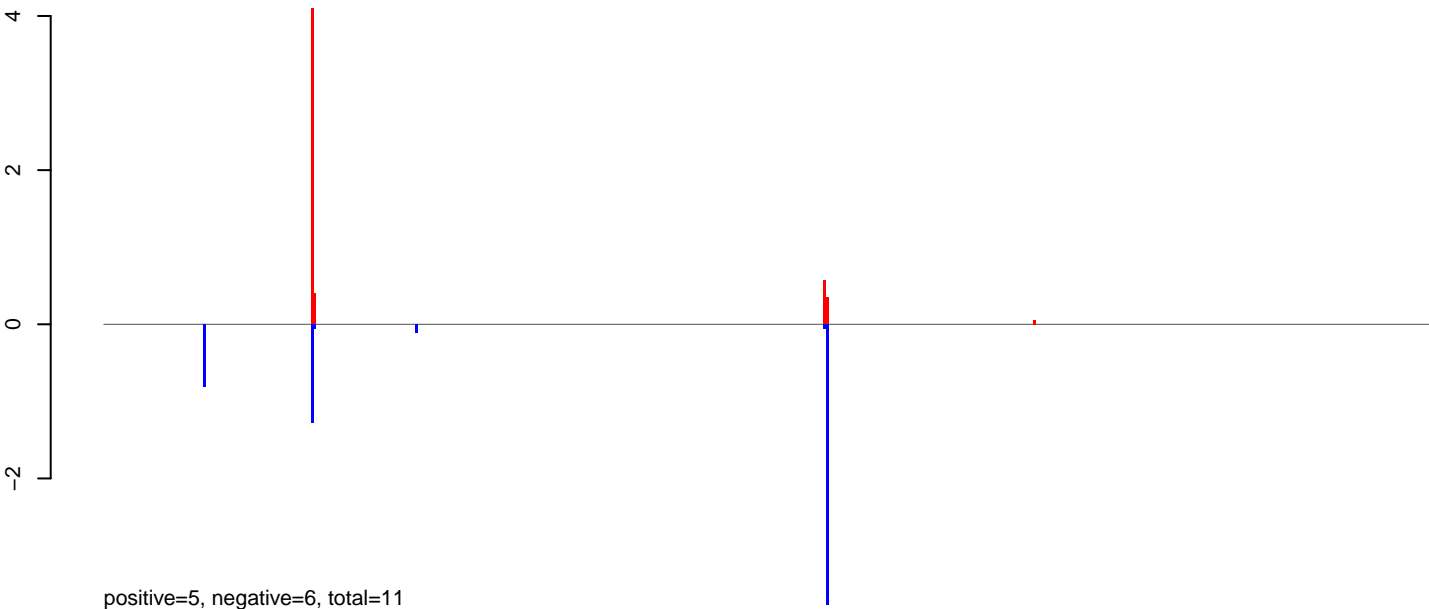
**AeAlbo\_U4.4\_CHIKV.rep**



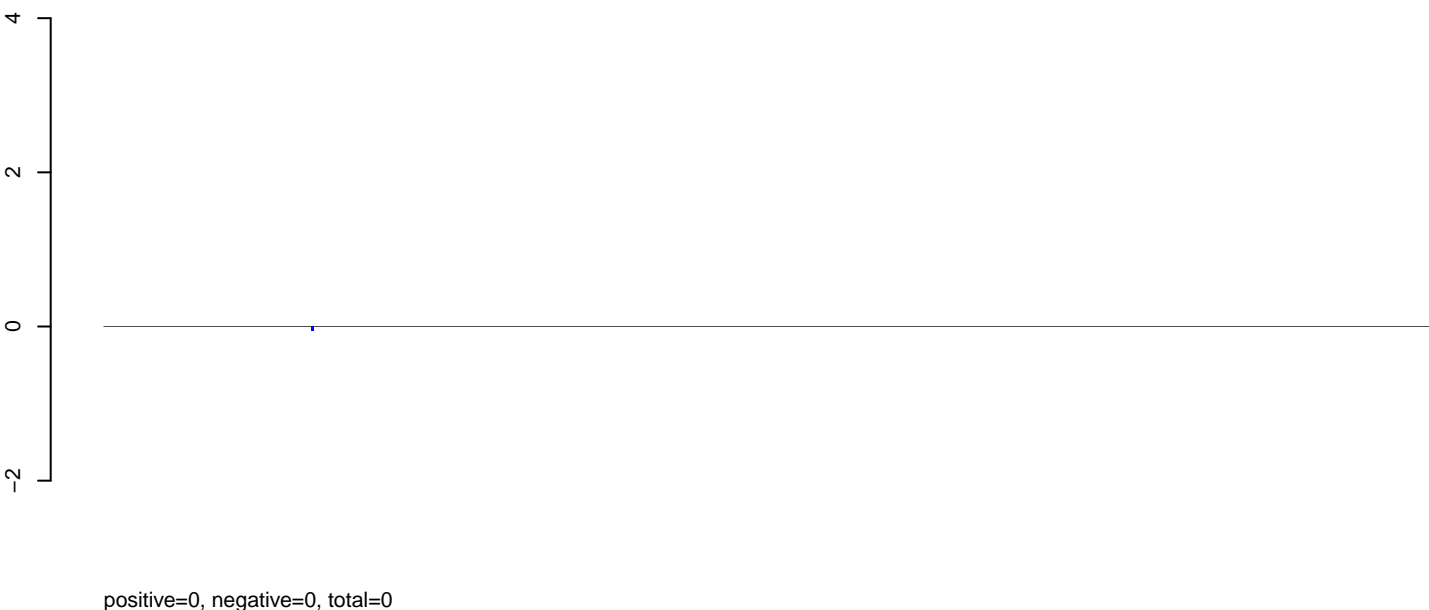
Window size=25, length=11488, virus@NC\_001786.1-Barmah\_Forest\_virus:1-11488

0 2000 4000 6000 8000 10000

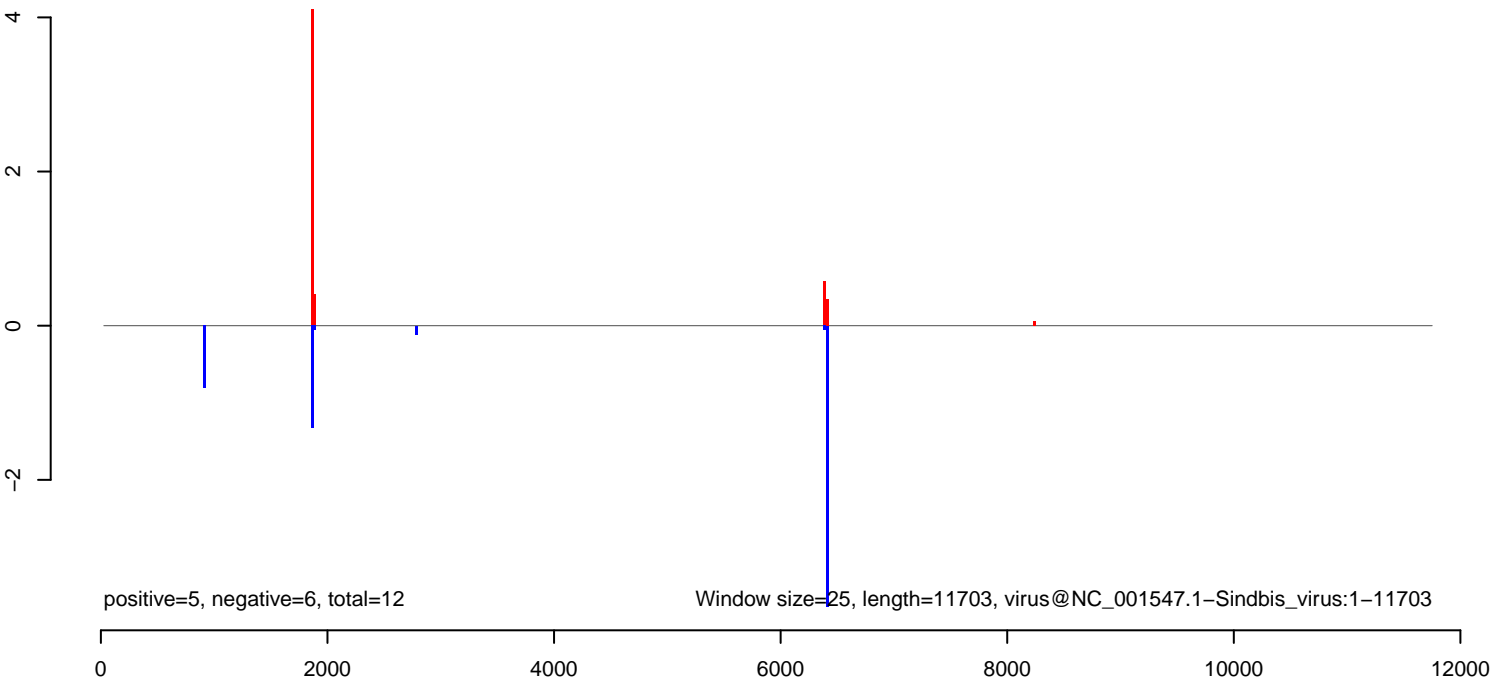
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



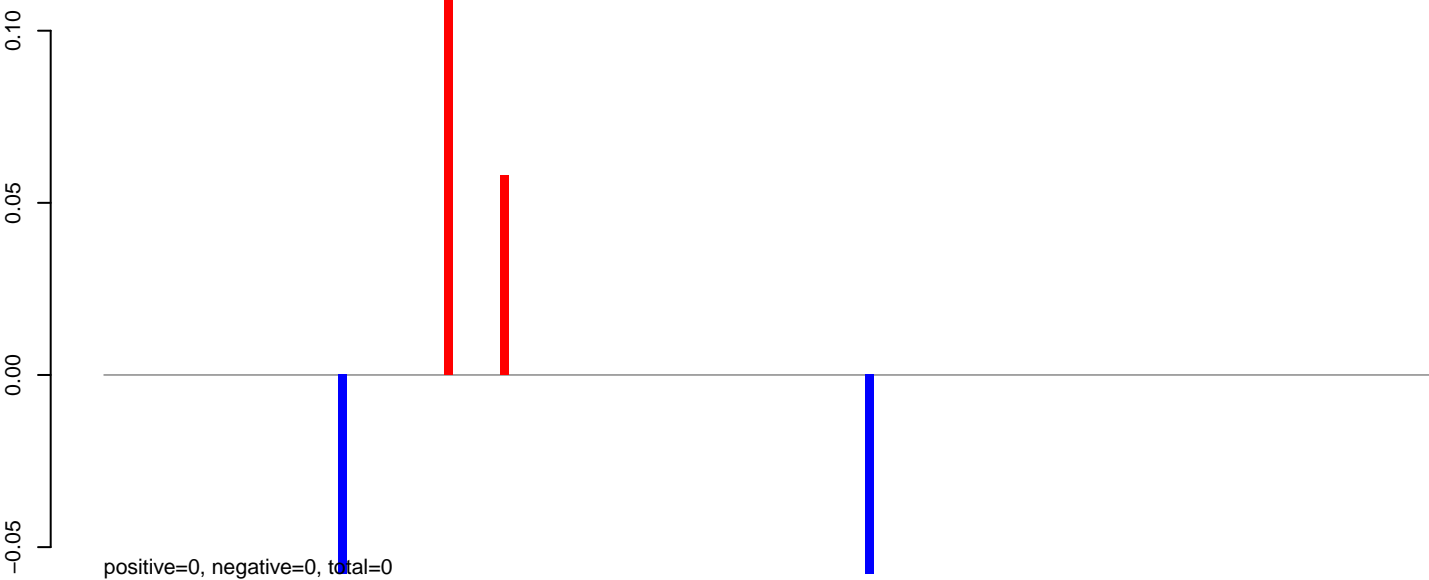
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



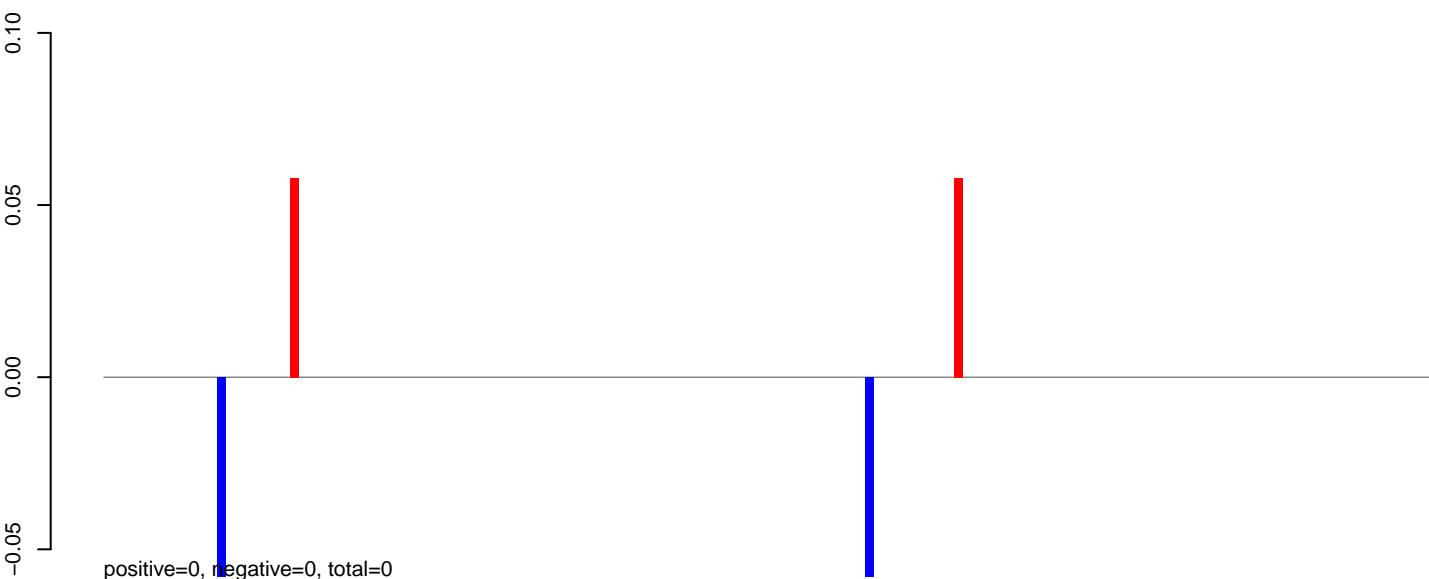
**AeAlbo\_U4.4\_CHIKV.rep**



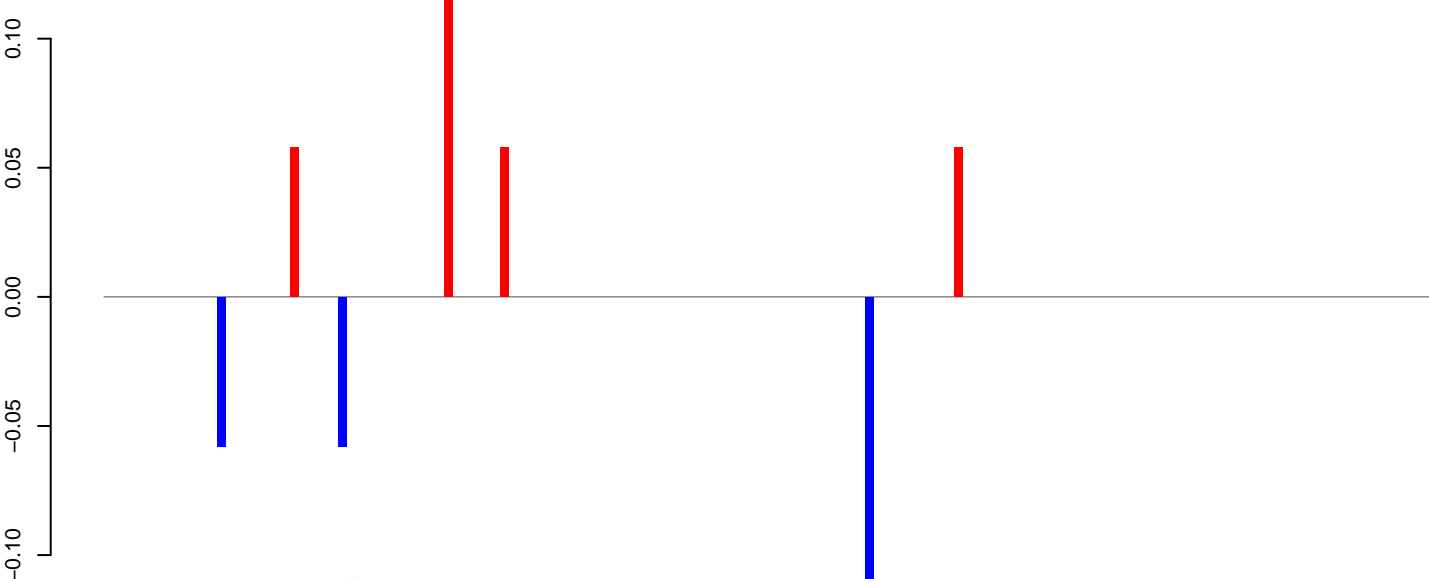
AeAlbo\_U4.4\_CHIKV.18\_23.rep



AeAlbo\_U4.4\_CHIKV.24\_35.rep



AeAlbo\_U4.4\_CHIKV.rep



bow size=15, length=100, useCA=1, M095351.2-Aedes\_albopictus\_C6\_36\_cell\_densovirus\_non-structural\_protein\_1\_NS-1\_non-structural:1-4094

0 1000 2000 3000 4000

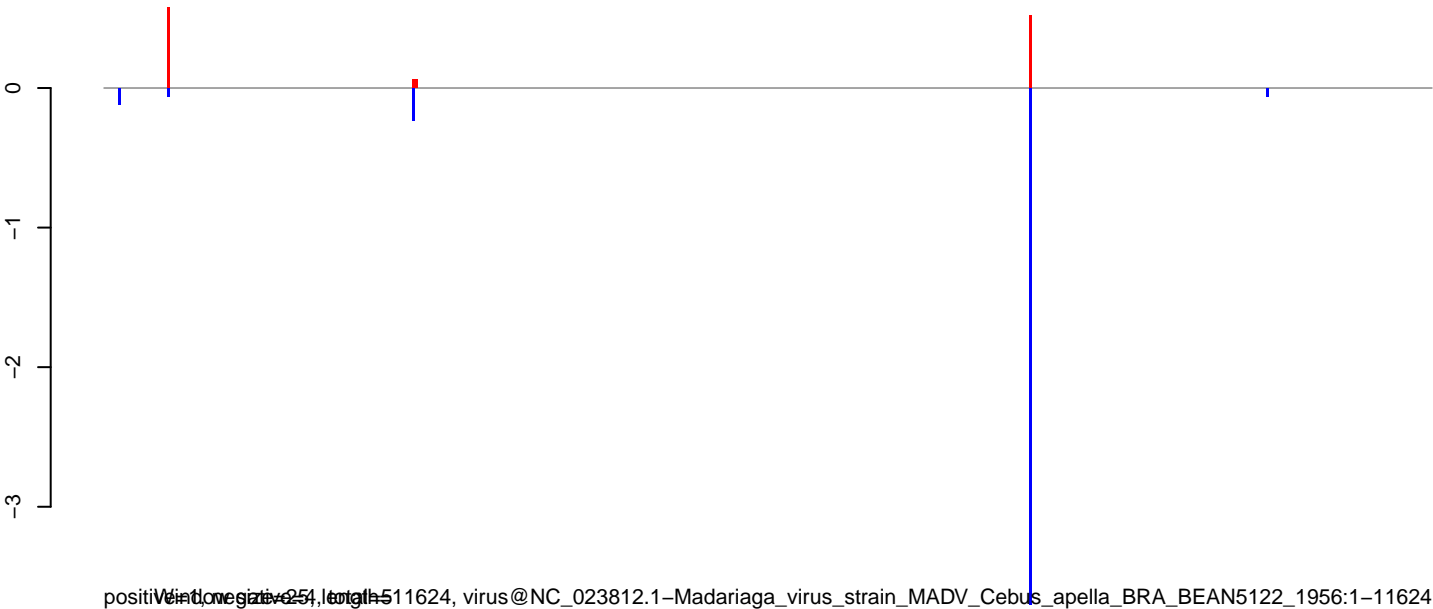
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

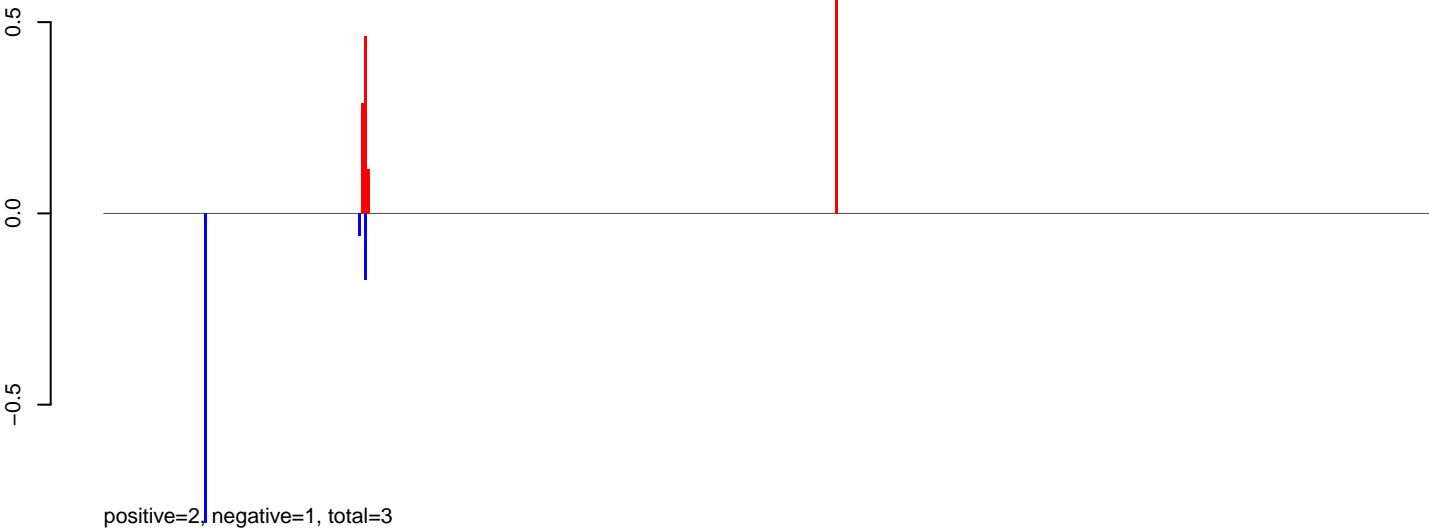


**AeAlbo\_U4.4\_CHIKV.rep**

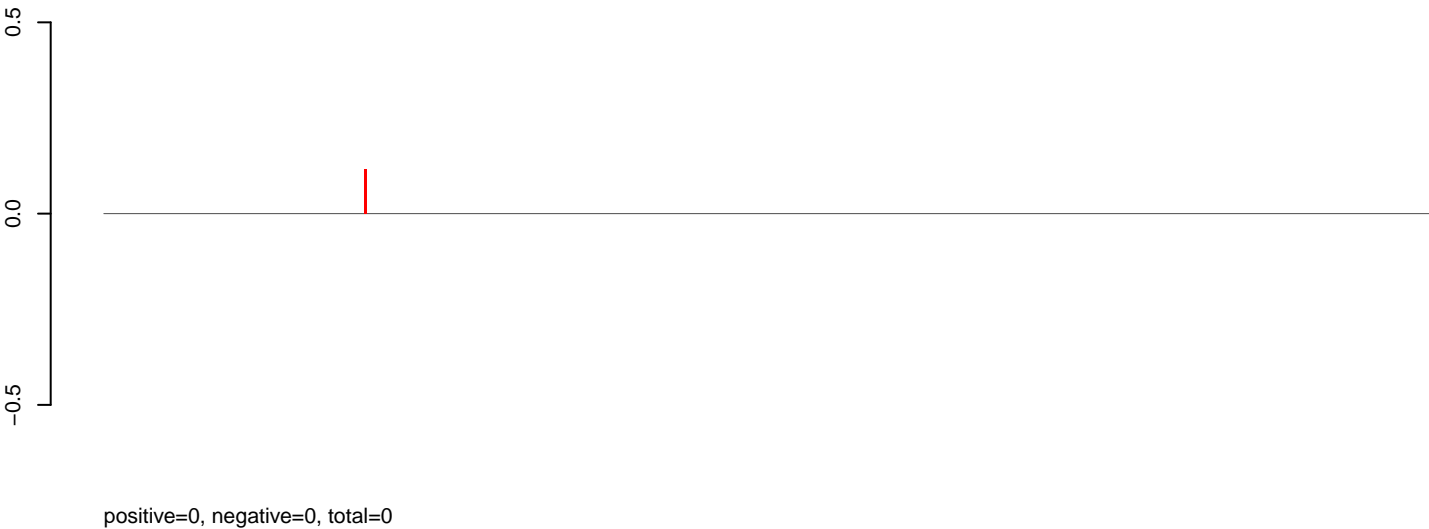


Variant, position, size, length, virus@NC\_023812.1-Madariaga\_virus\_strain\_MADV\_Cebus\_apella\_BRA\_BEAN5122\_1956:1-11624

**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

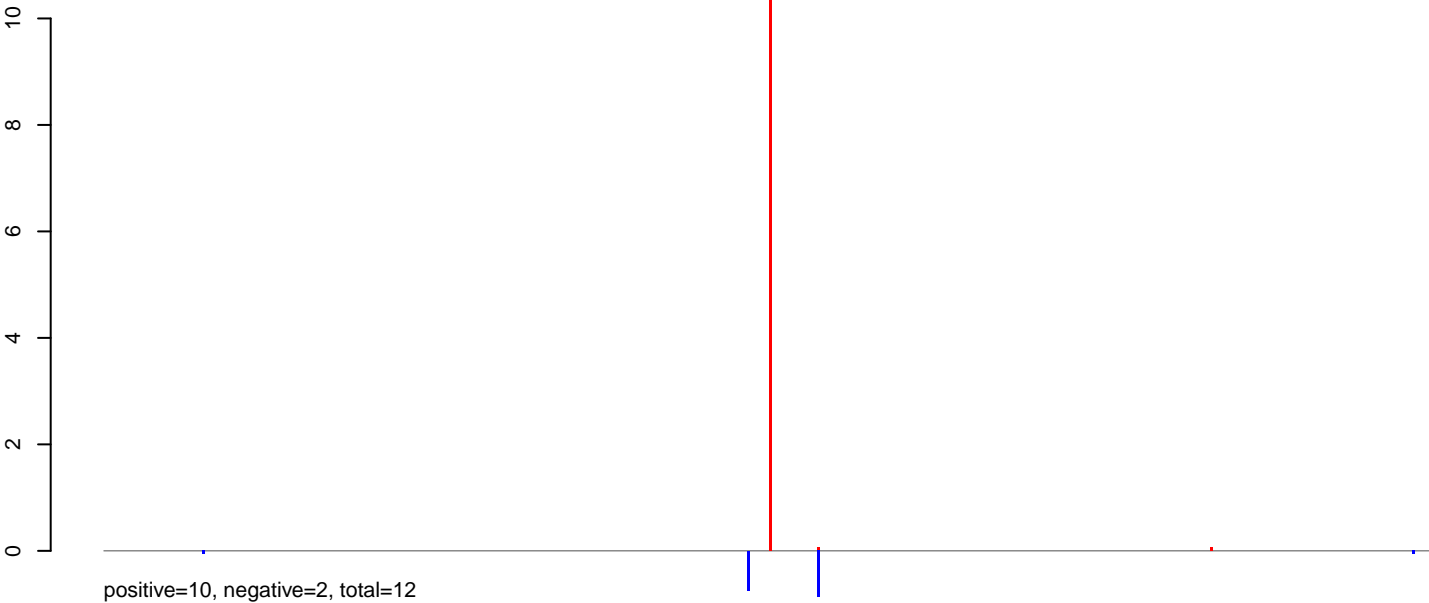


Window size=25, length=11616, virus@NC\_016961.1-Whataroa\_virus:1-11616

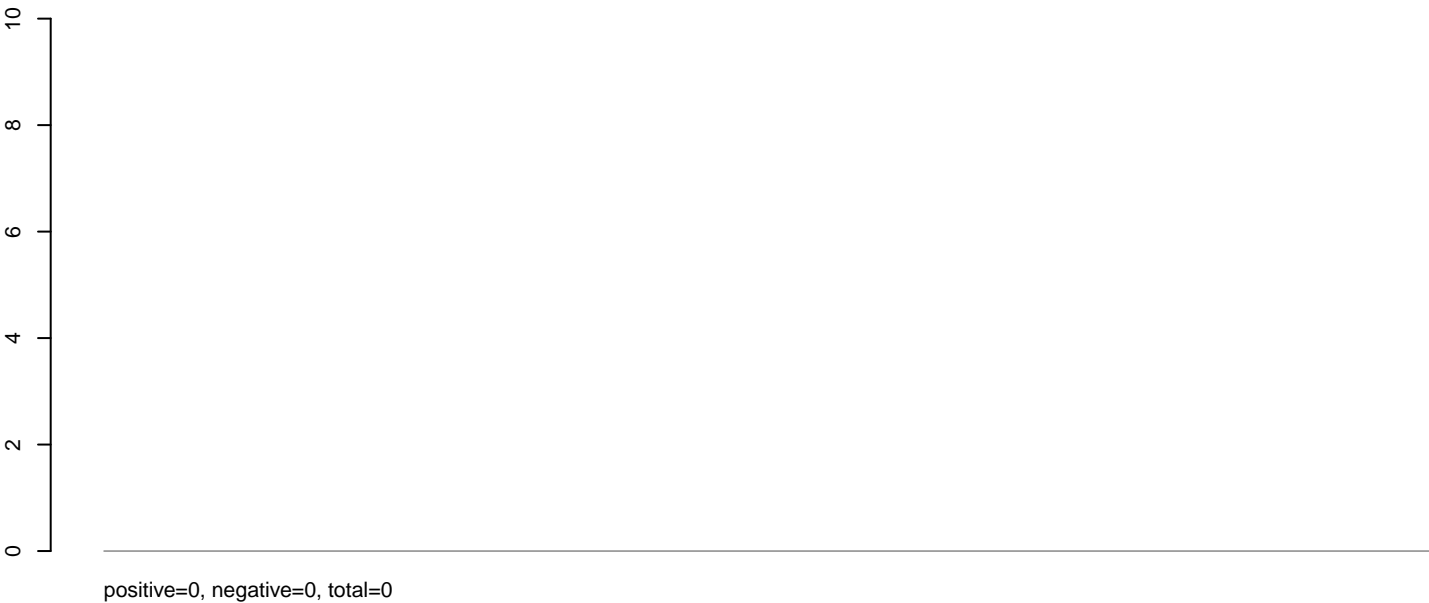
0 2000 4000 6000 8000 10000 12000



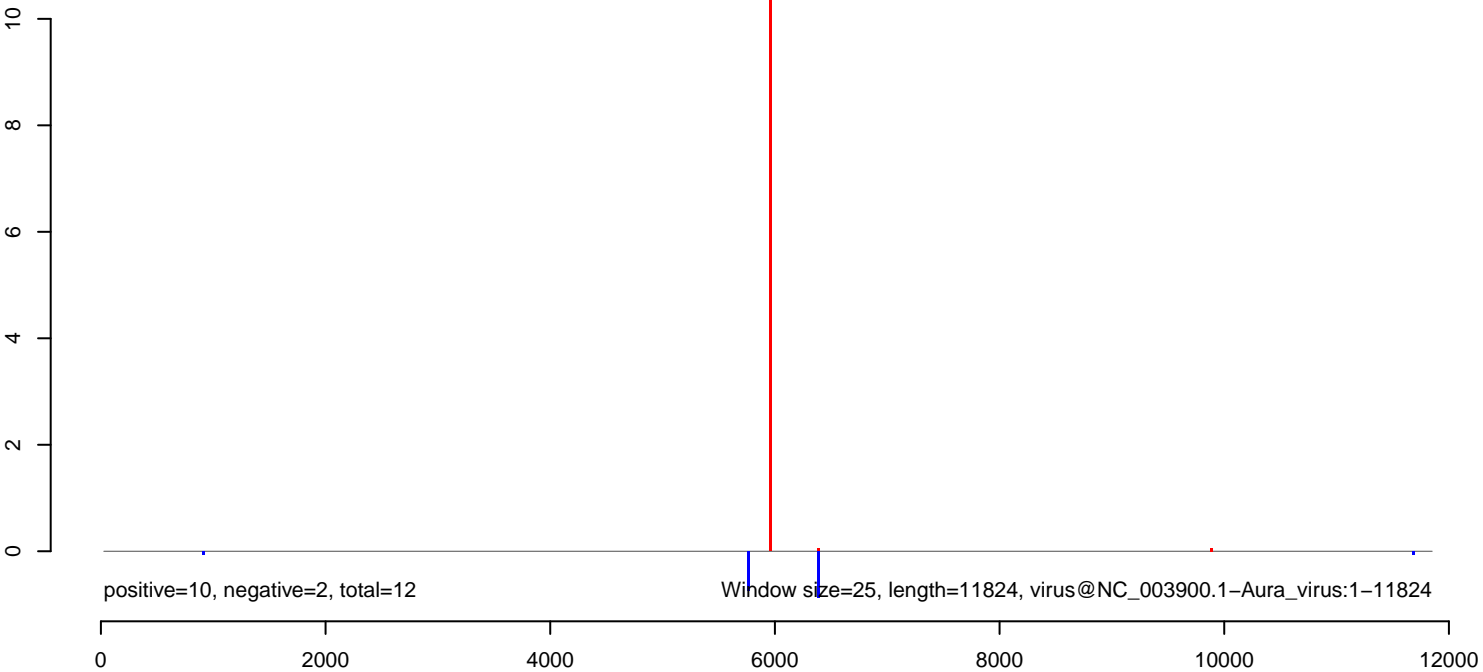
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



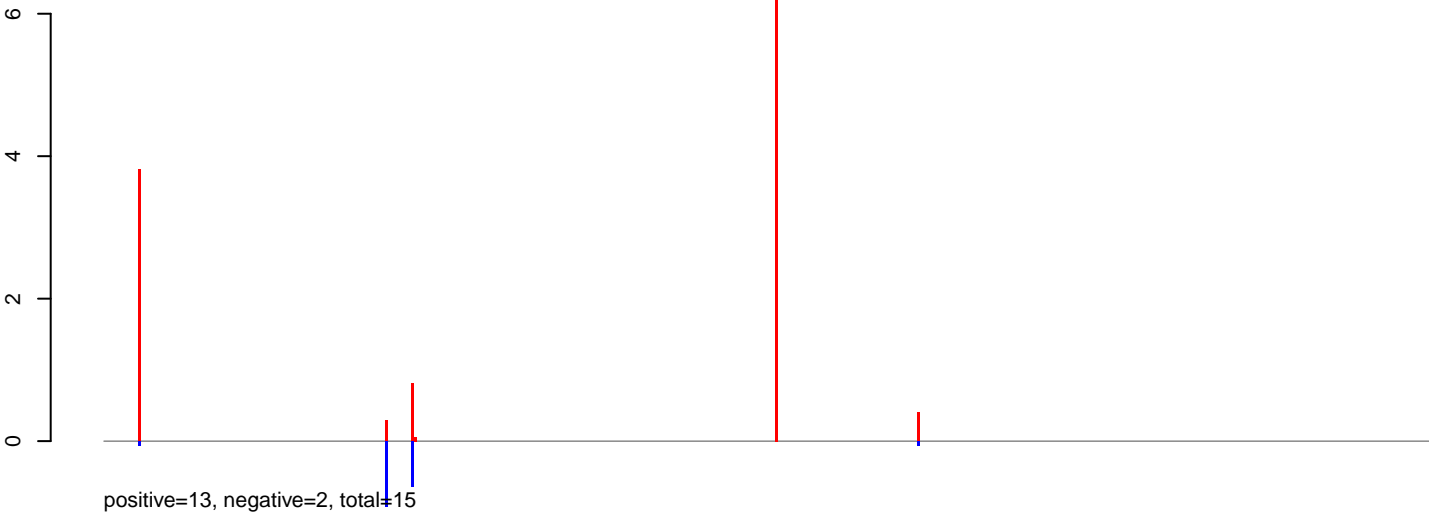
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



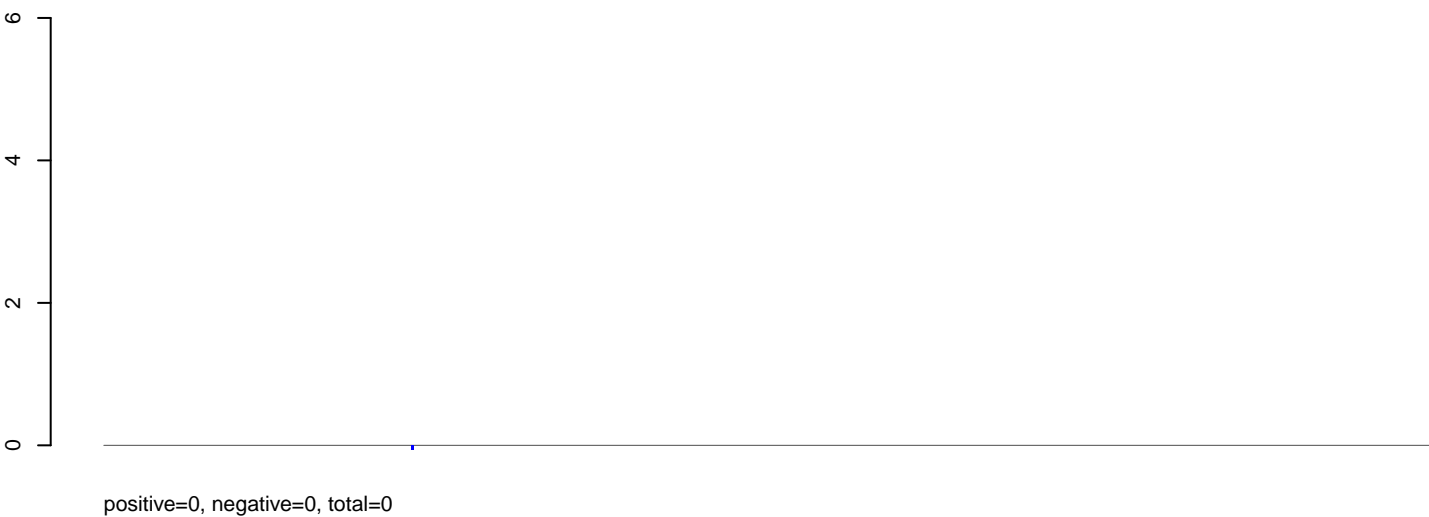
**AeAlbo\_U4.4\_CHIKV.rep**



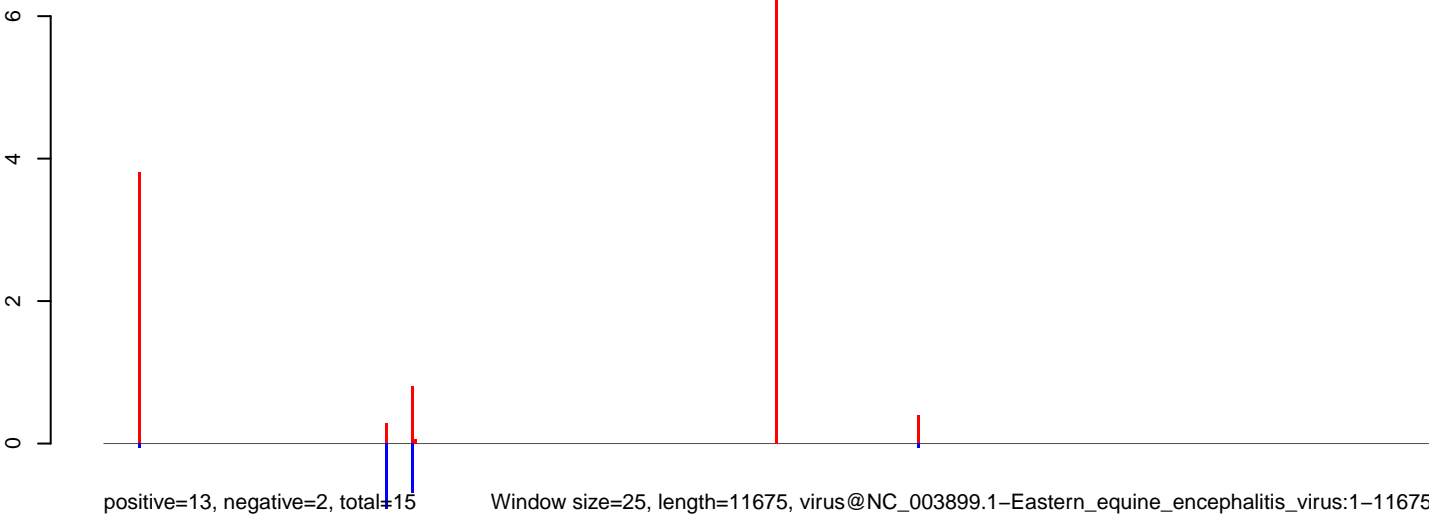
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



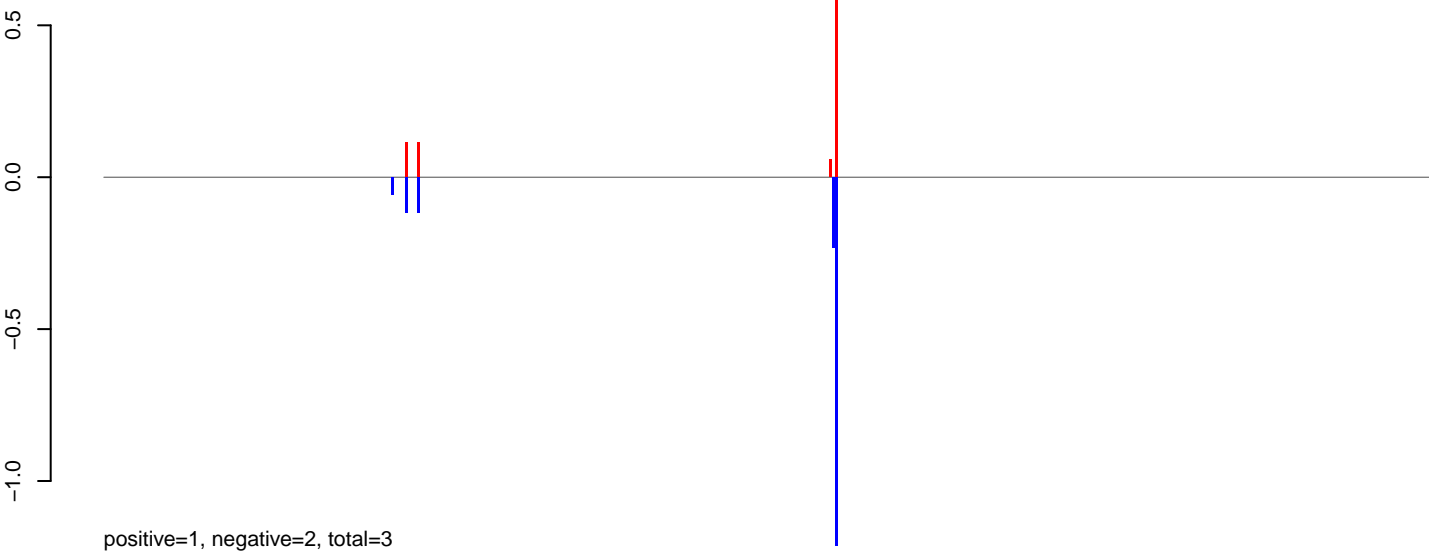
**AeAlbo\_U4.4\_CHIKV.rep**



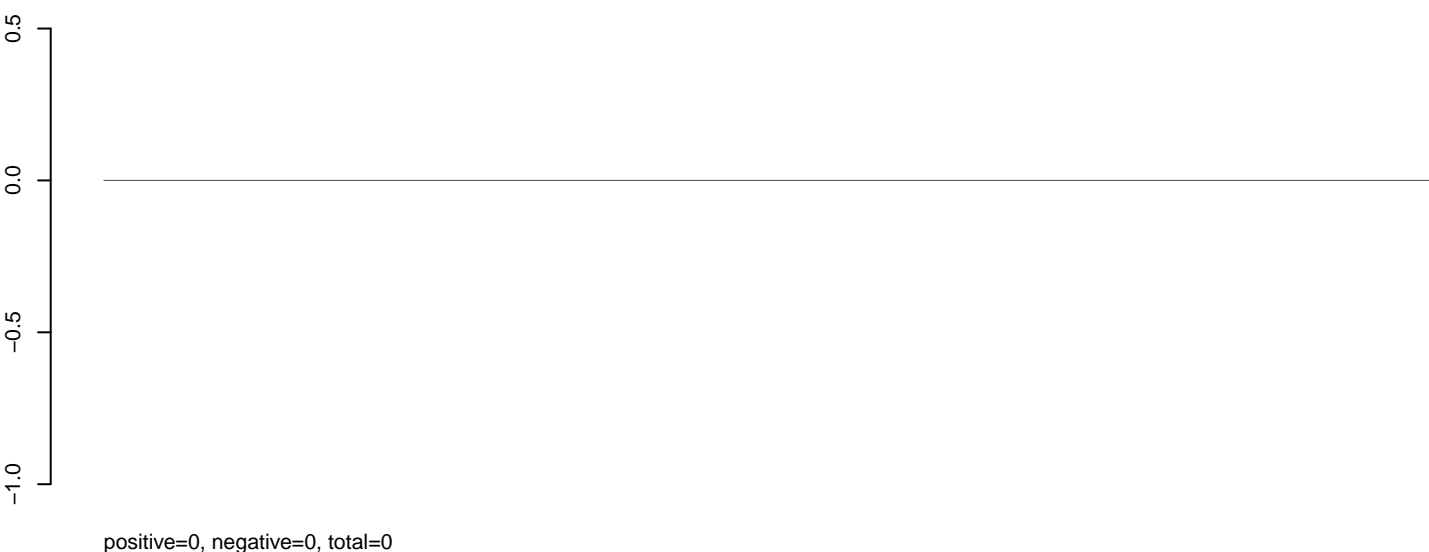
Window size=25, length=11675, virus@NC\_003899.1-Eastern\_equine\_encephalitis\_virus:1-11675

0 2000 4000 6000 8000 10000 12000

**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



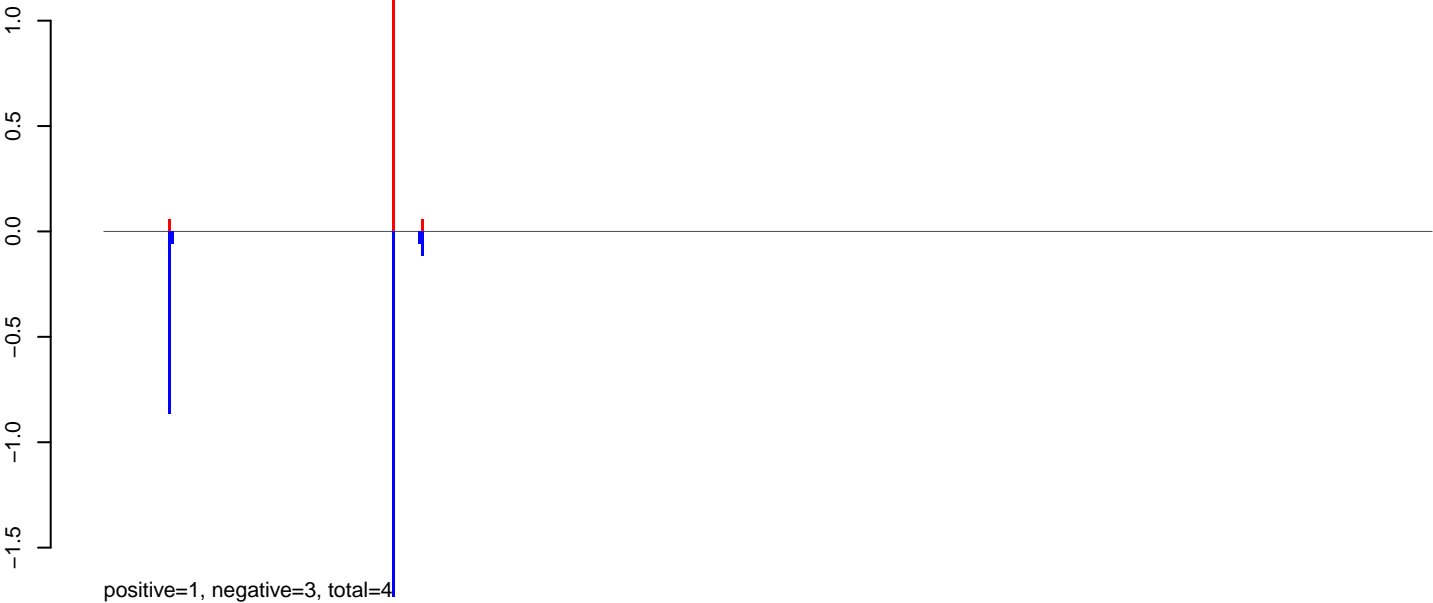
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



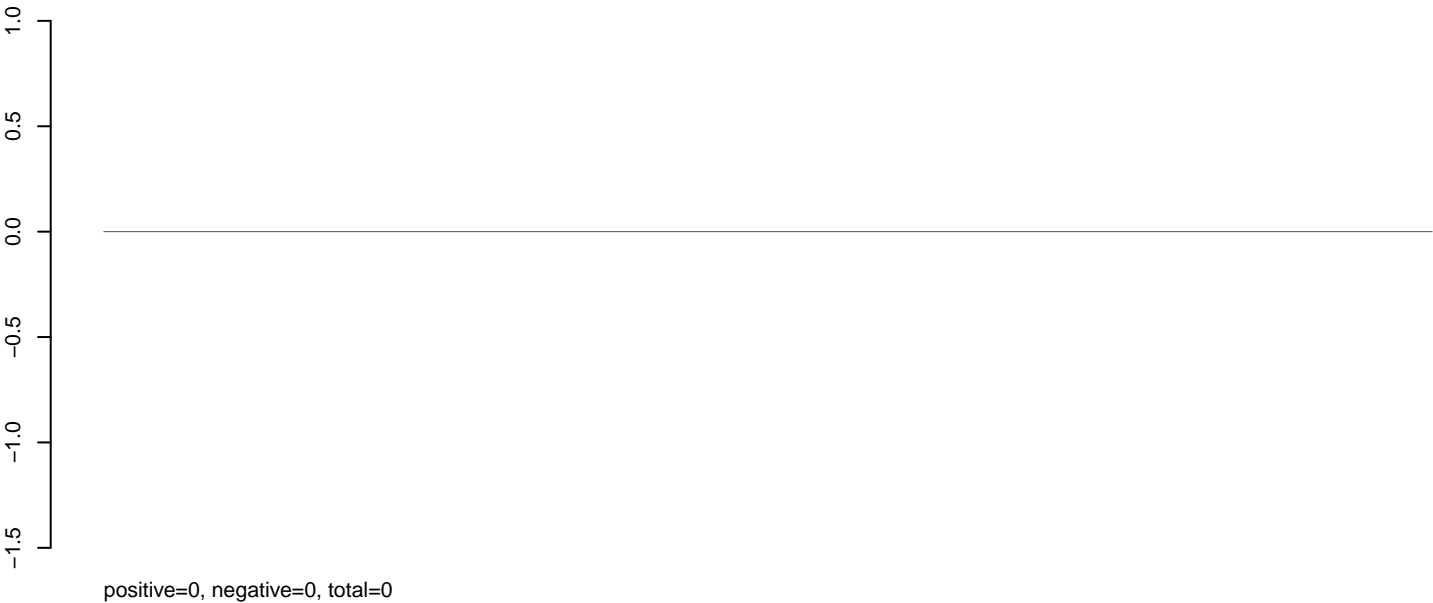
**AeAlbo\_U4.4\_CHIKV.rep**



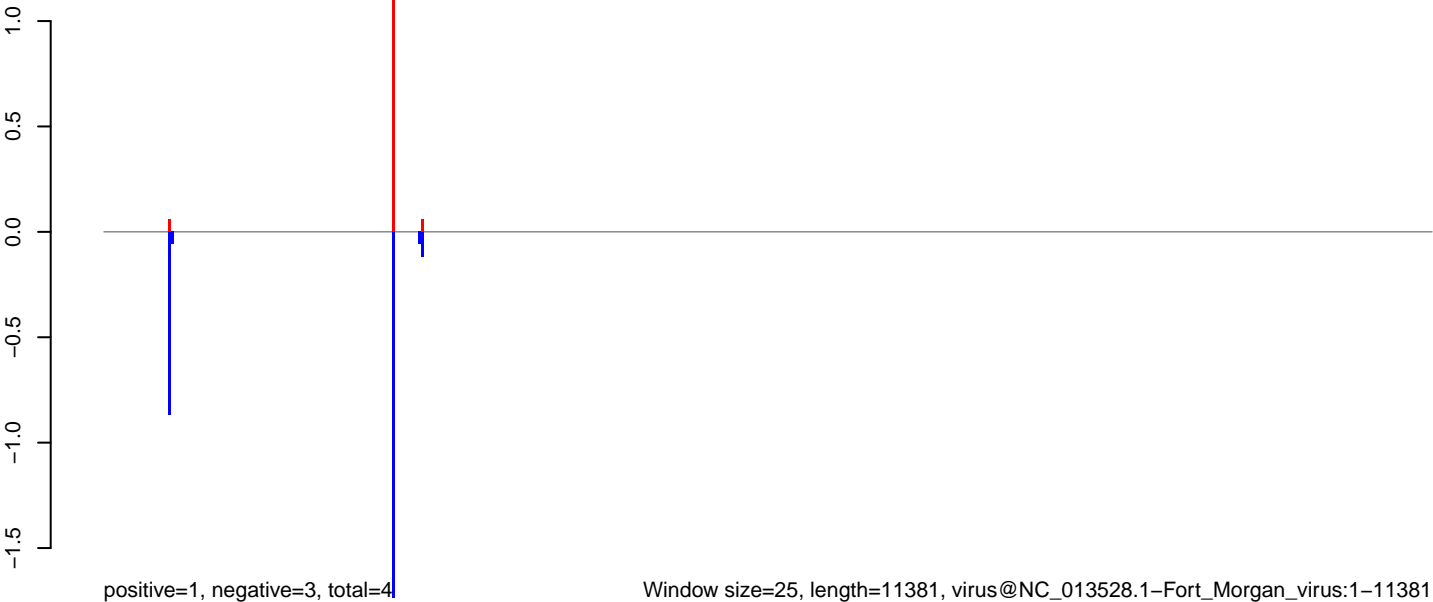
AeAlbo\_U4.4\_CHIKV.18\_23.rep



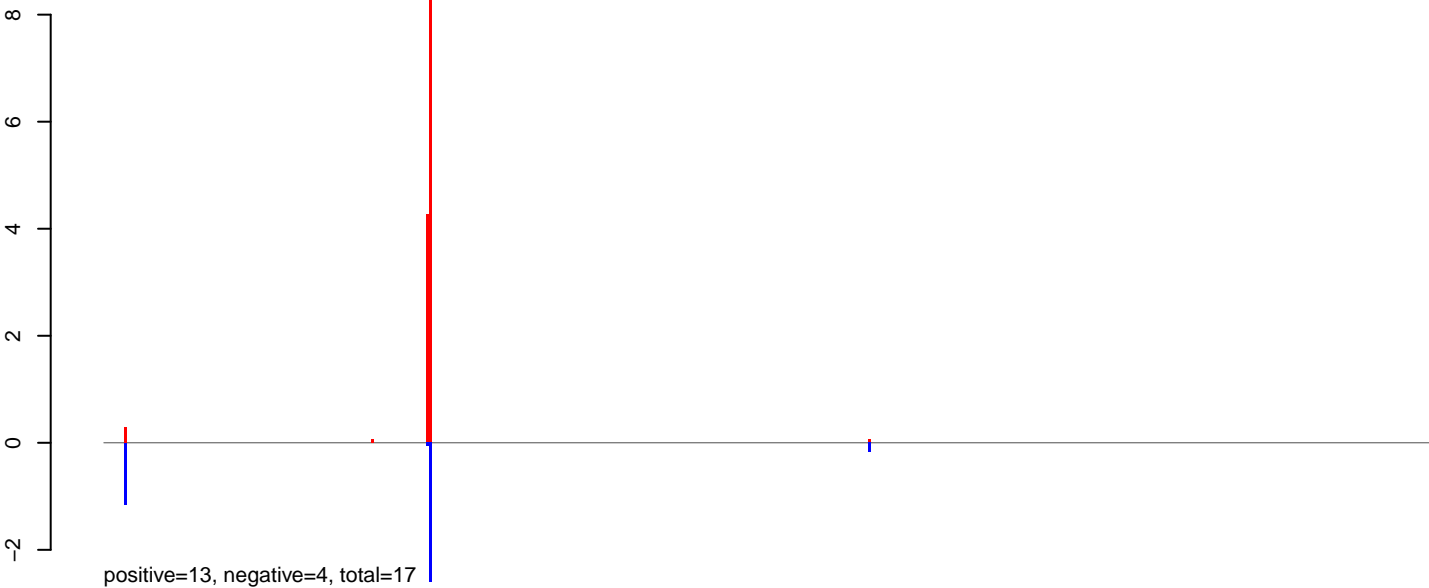
AeAlbo\_U4.4\_CHIKV.24\_35.rep



AeAlbo\_U4.4\_CHIKV.rep



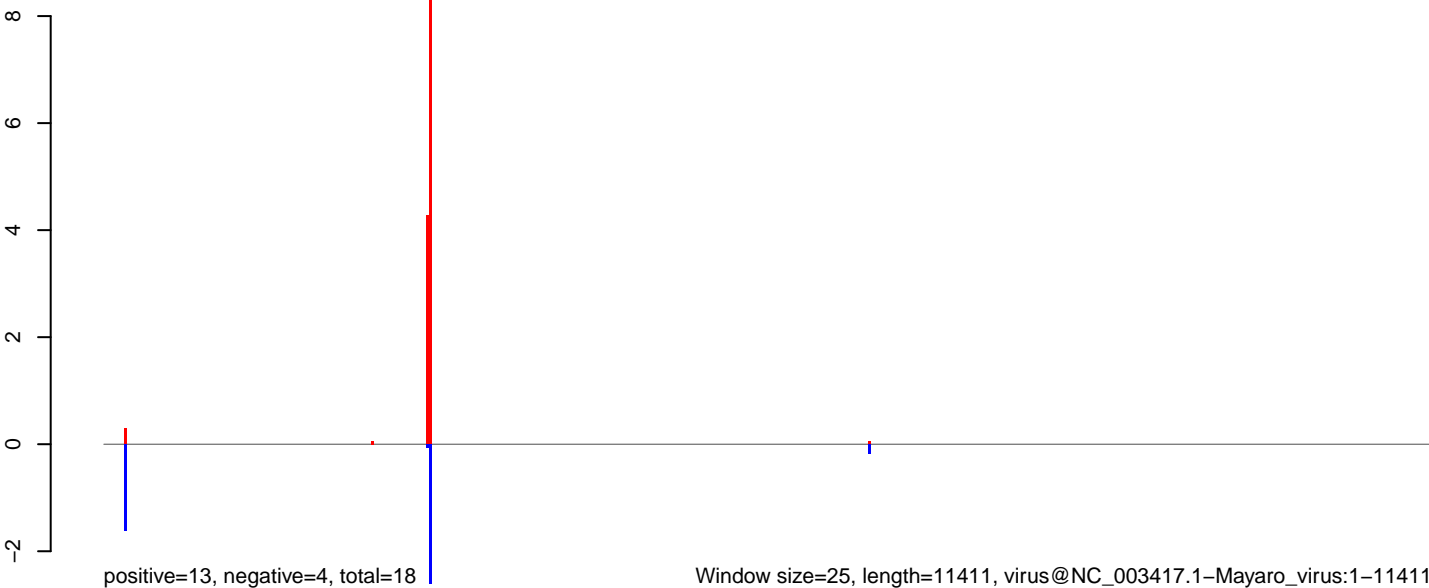
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



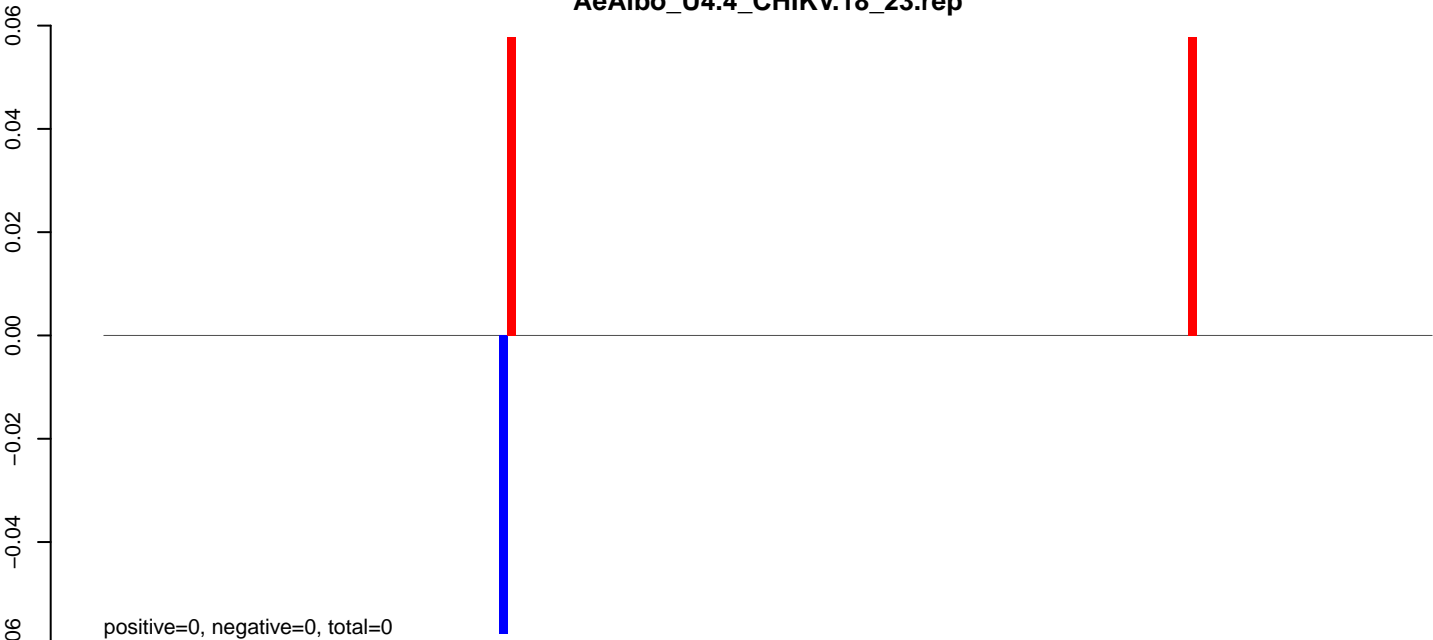
**AeAlbo\_U4.4\_CHIKV.rep**



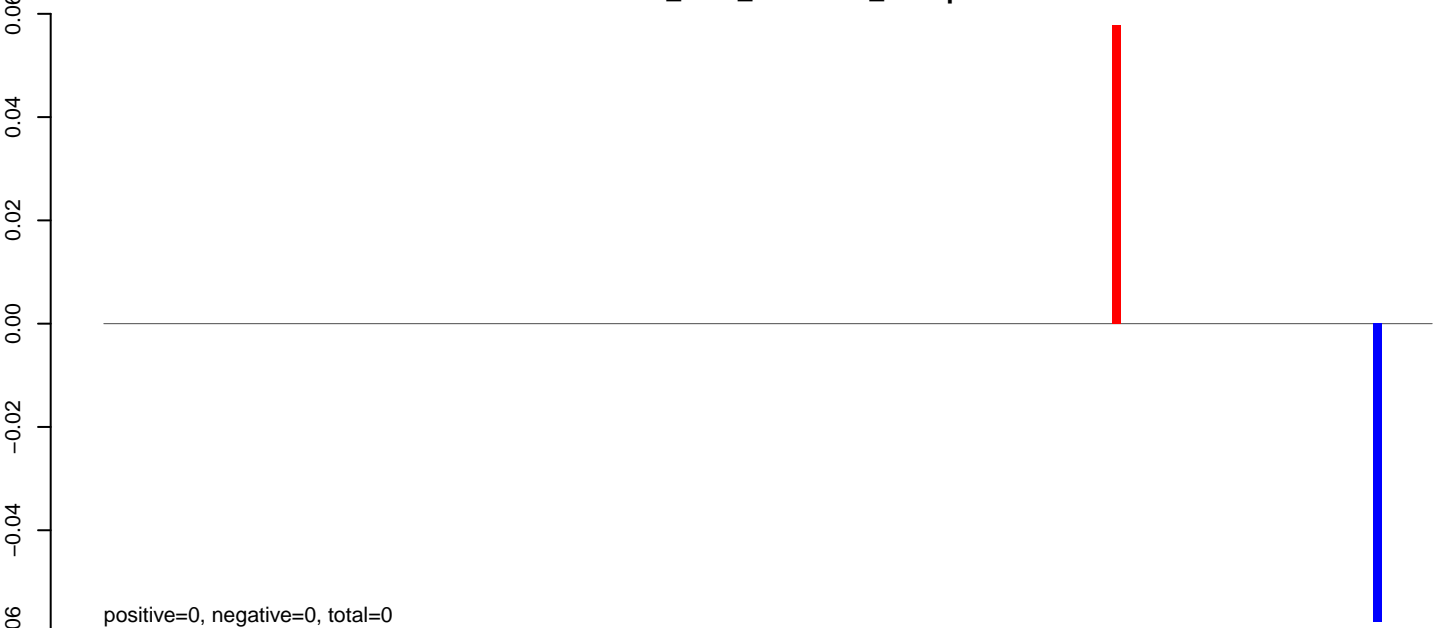
Window size=25, length=11411, virus@NC\_003417.1-Mayaro\_virus:1-11411

0 2000 4000 6000 8000 10000

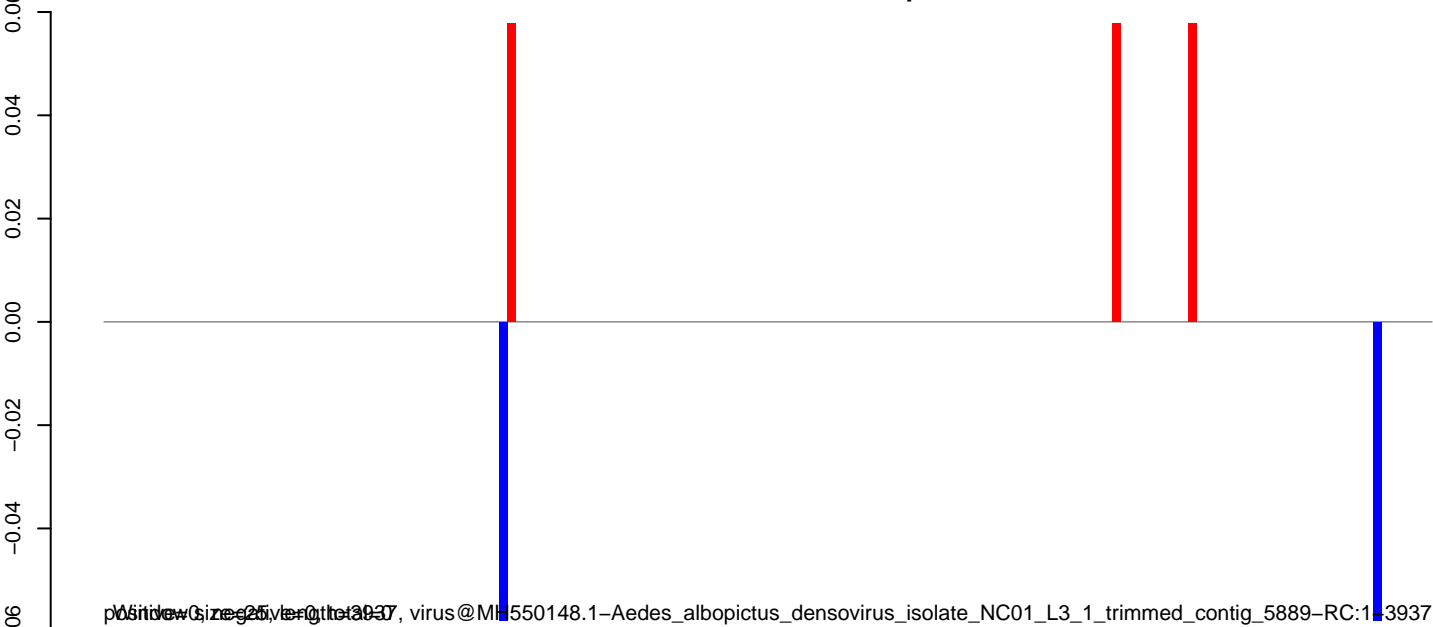
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



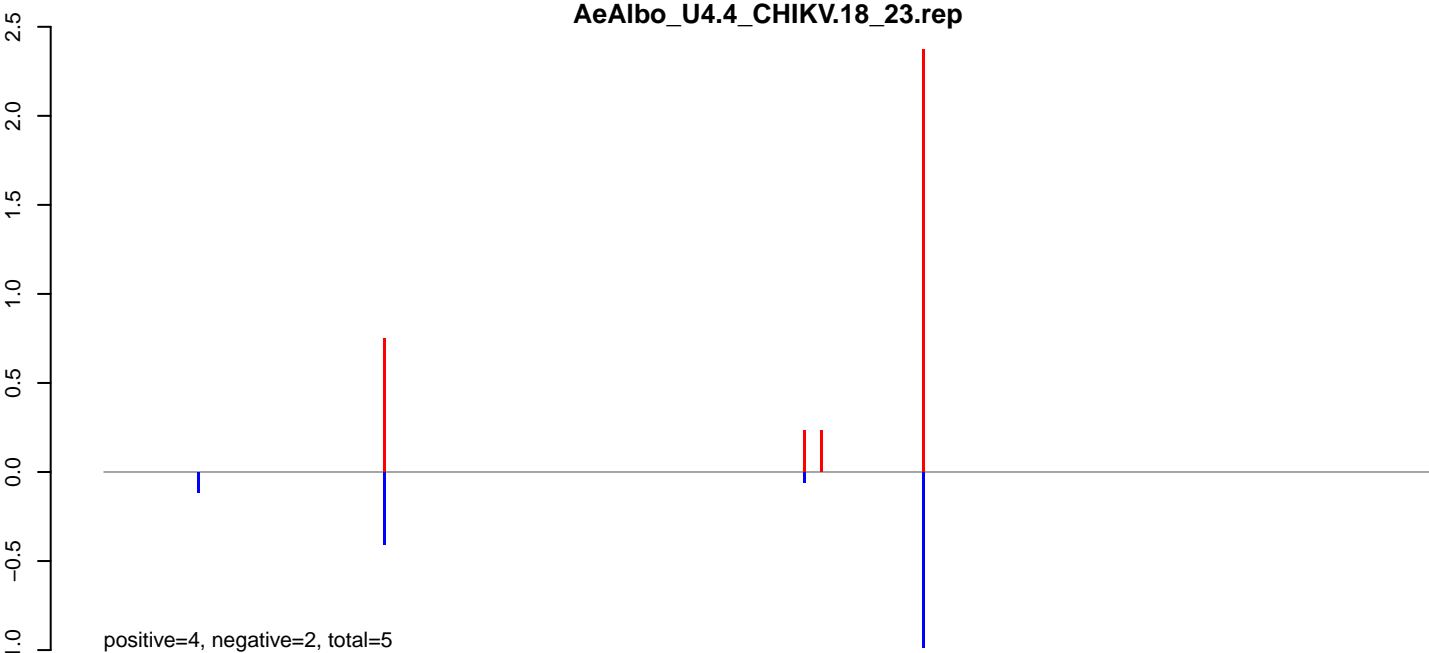
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



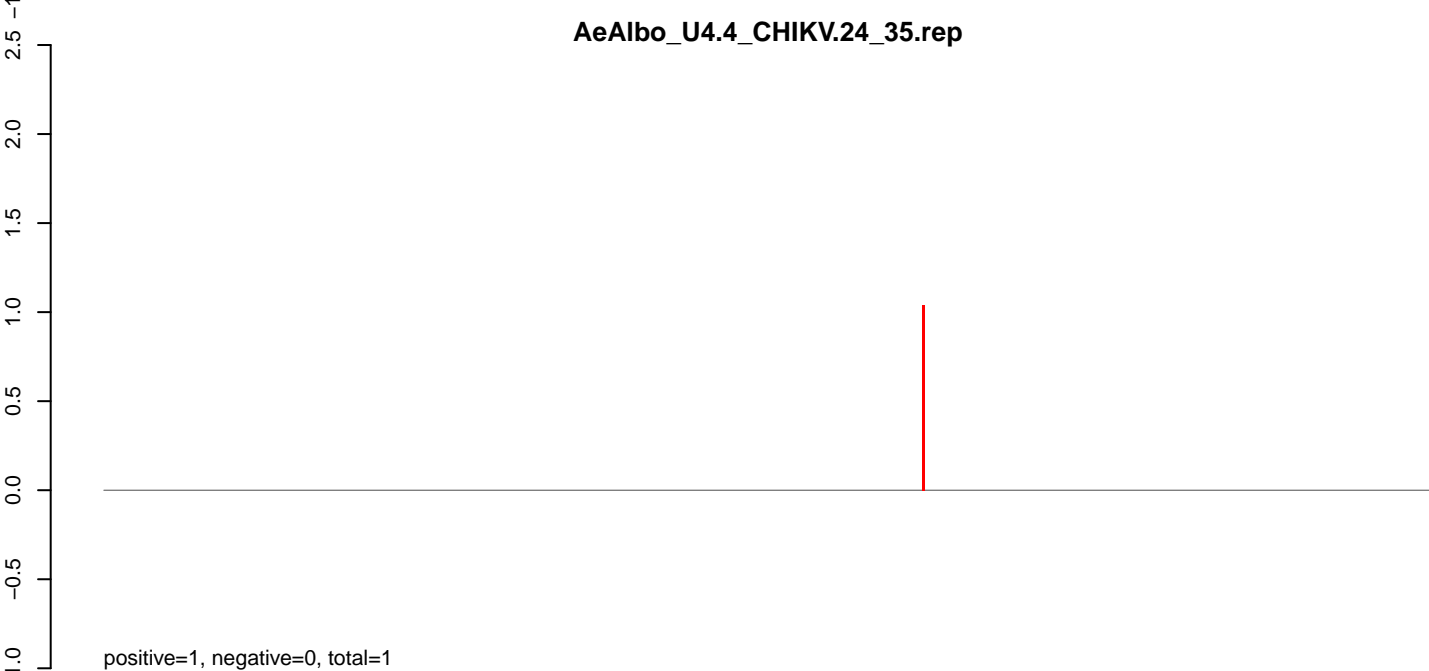
**AeAlbo\_U4.4\_CHIKV.rep**



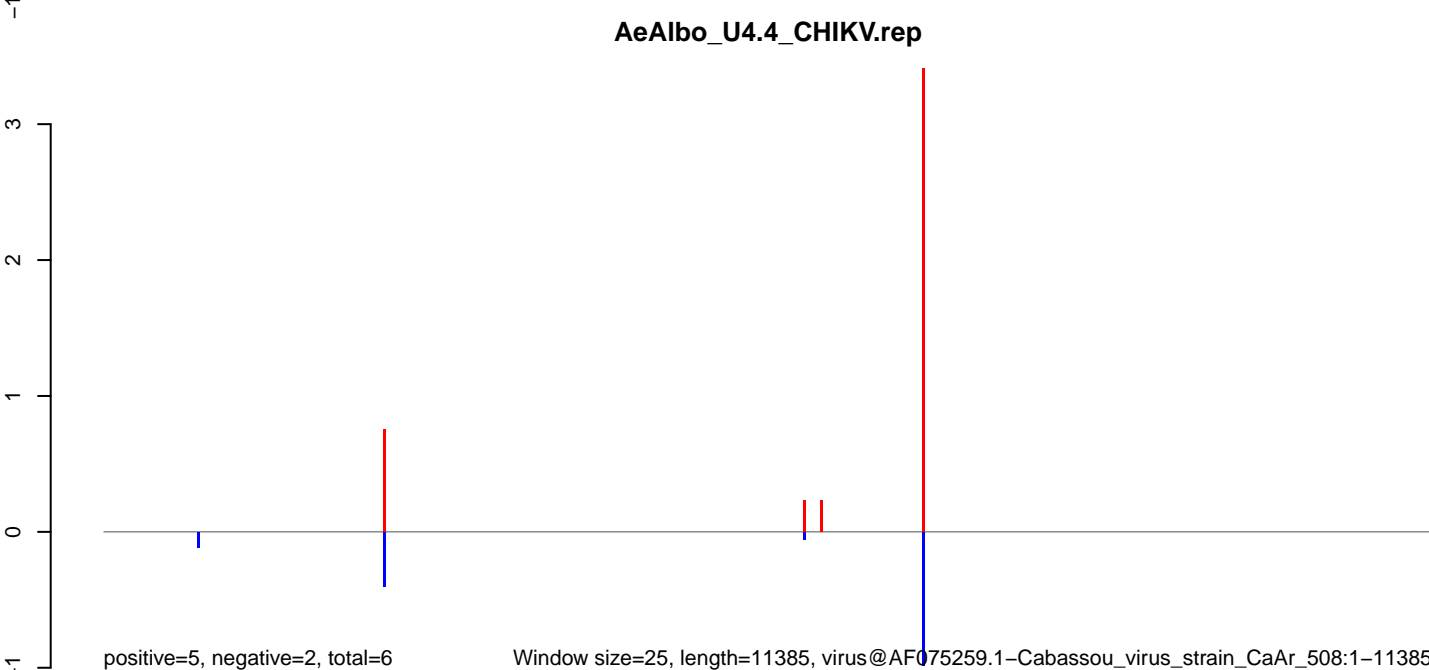
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



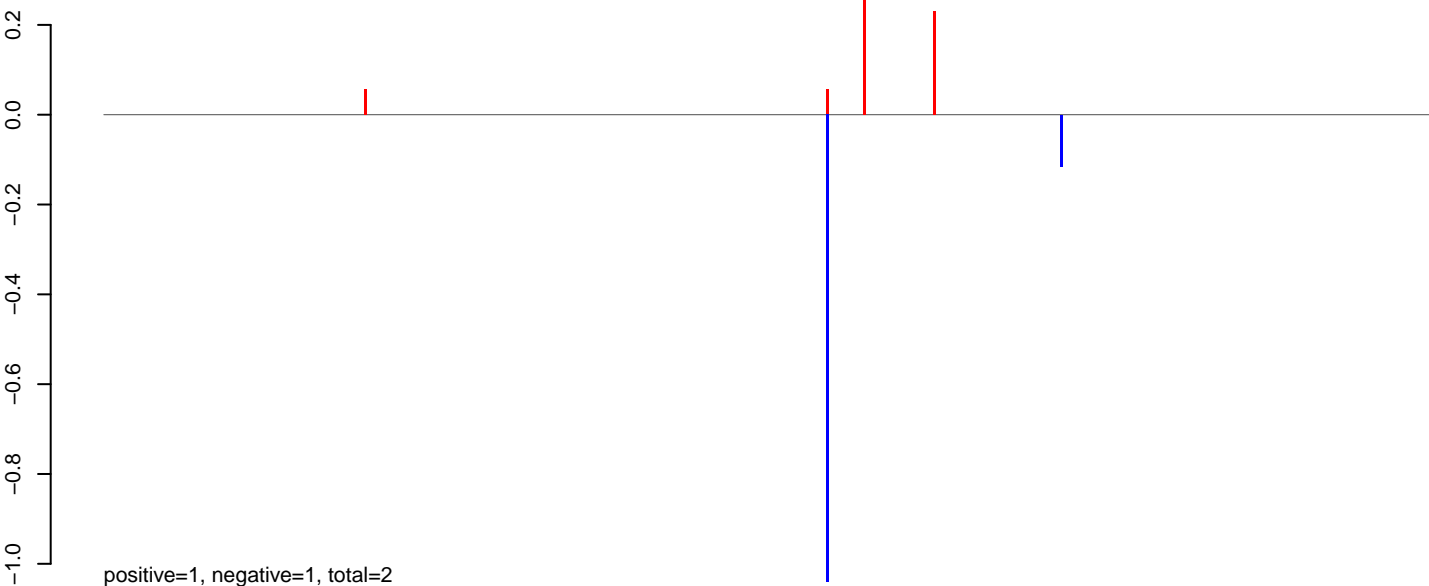
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



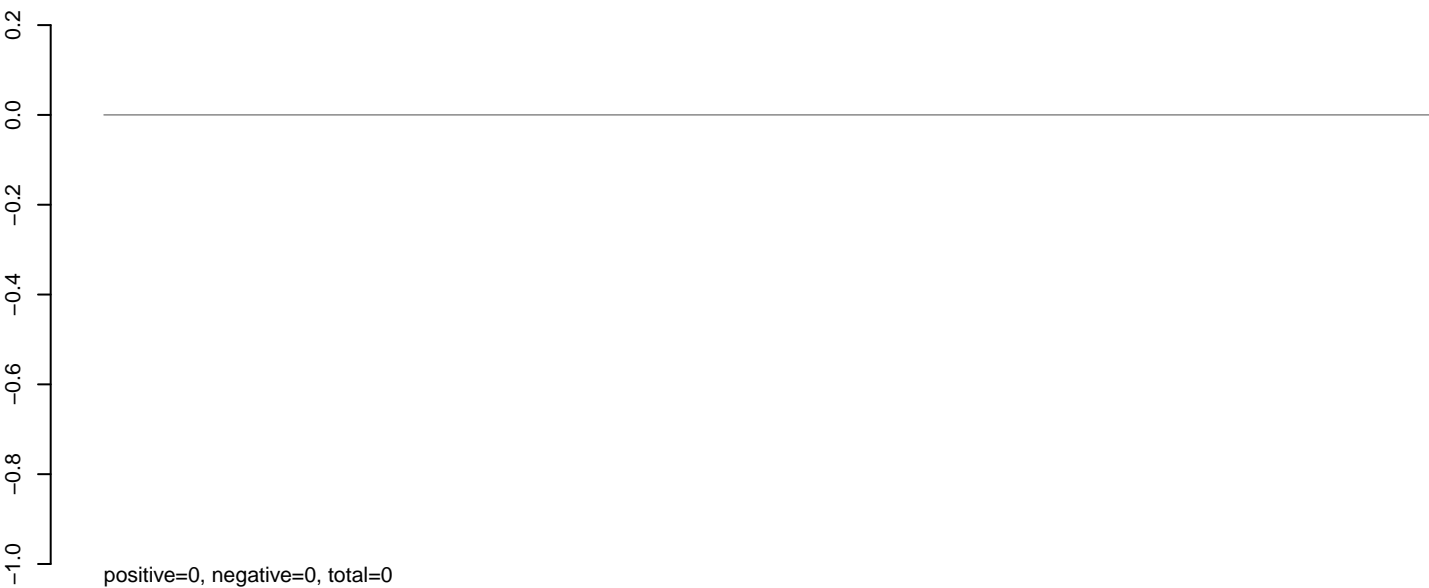
**AeAlbo\_U4.4\_CHIKV.rep**



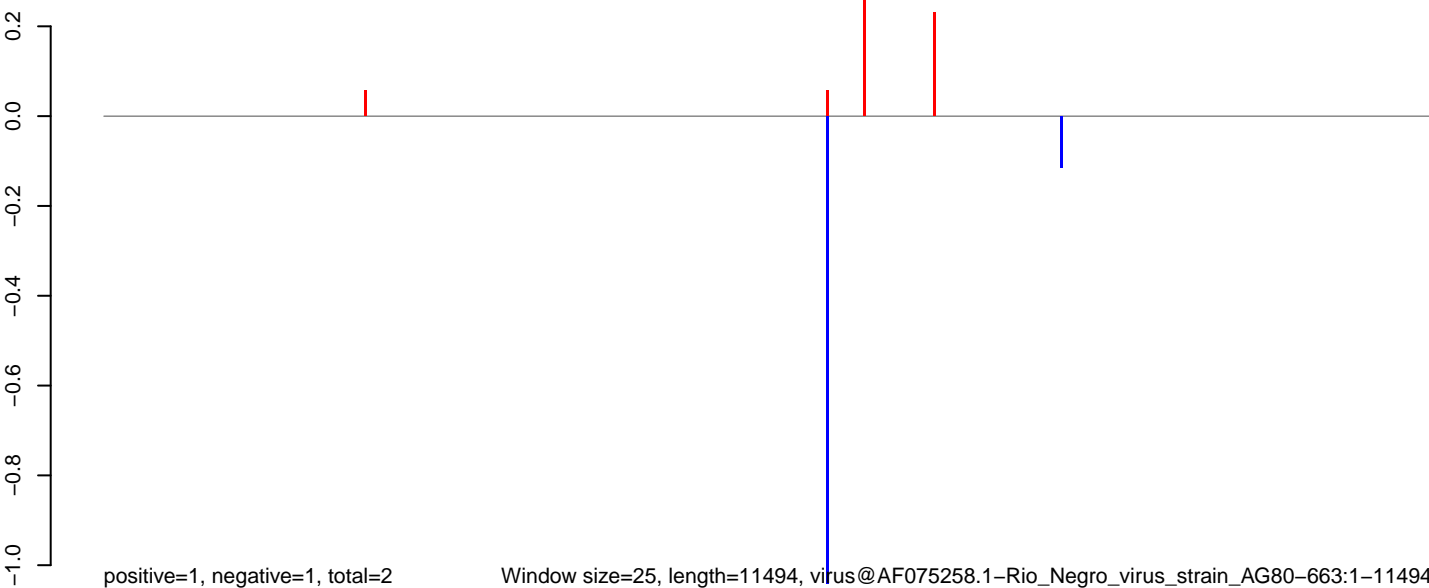
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

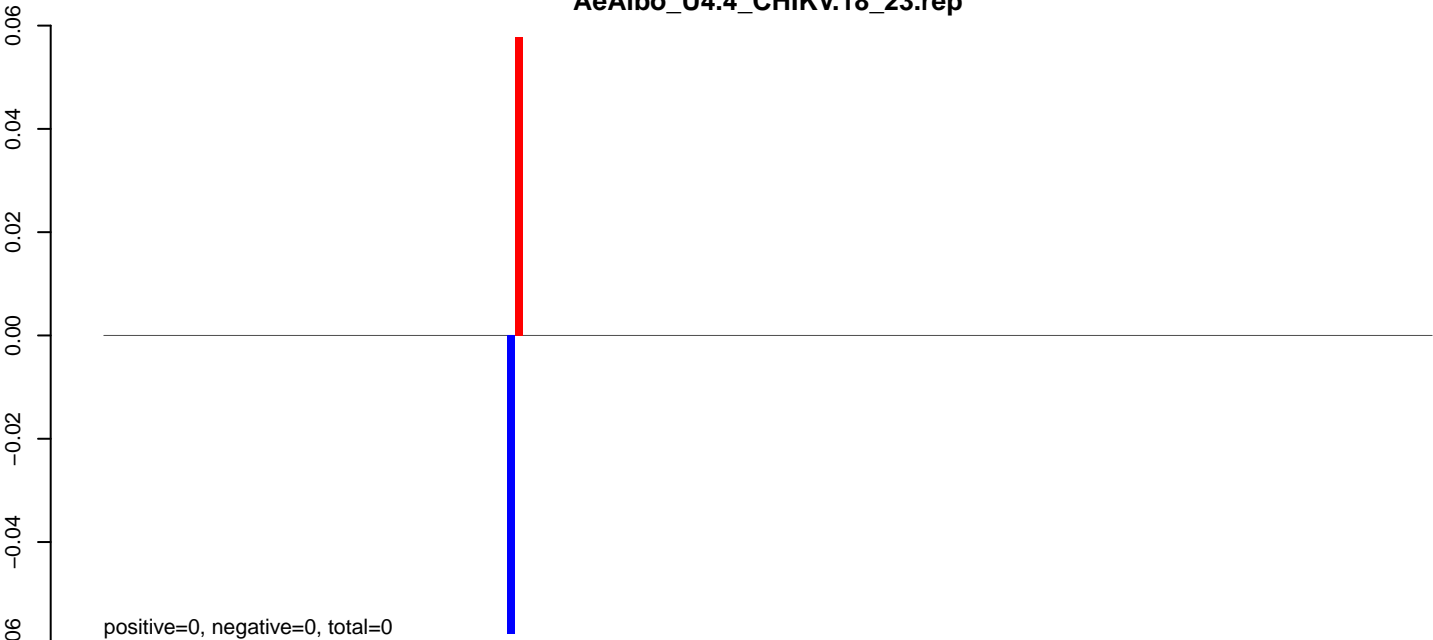


Window size=25, length=11494, virus@AF075258.1-Rio\_Negro\_virus\_strain\_AG80-663:1-11494

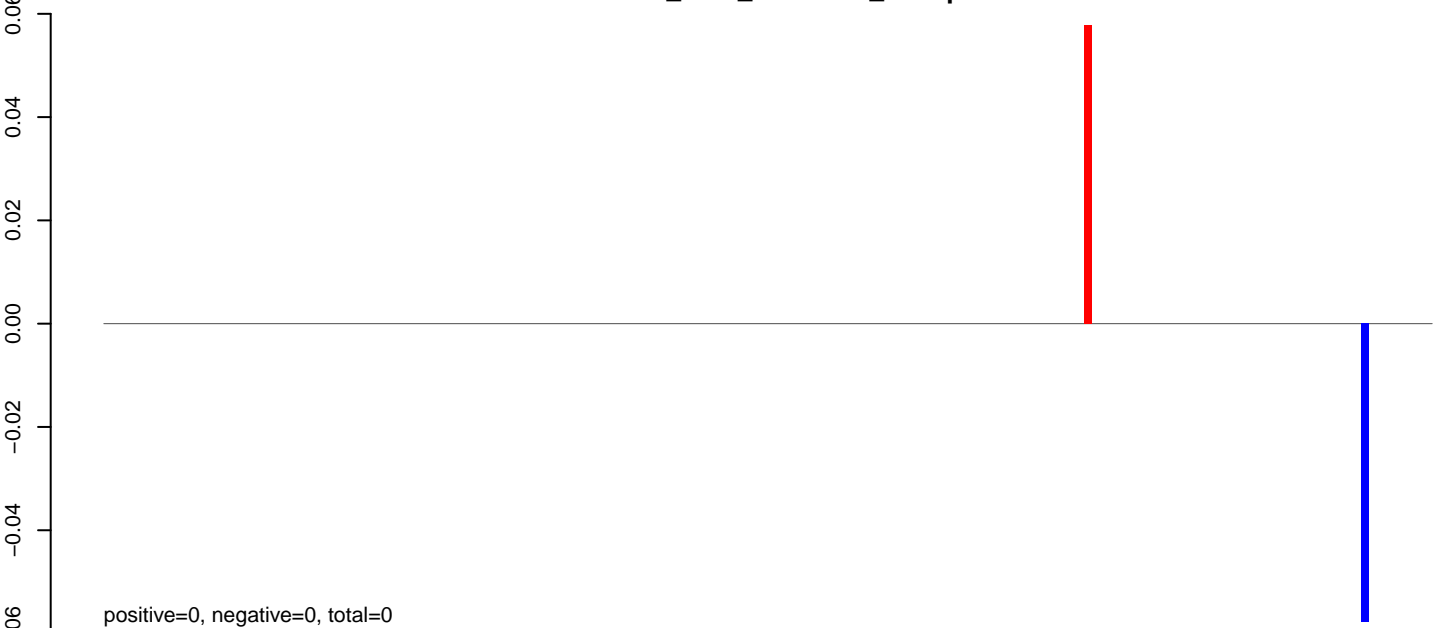
0 2000 4000 6000 8000 10000



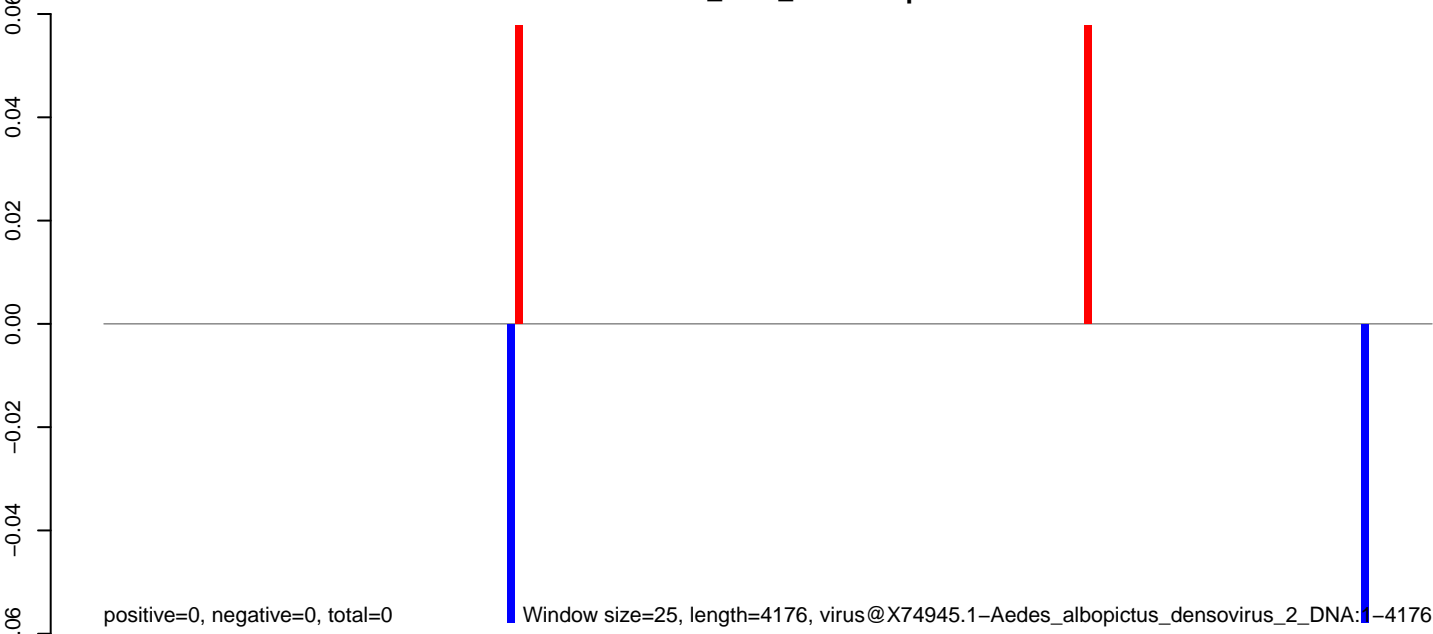
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



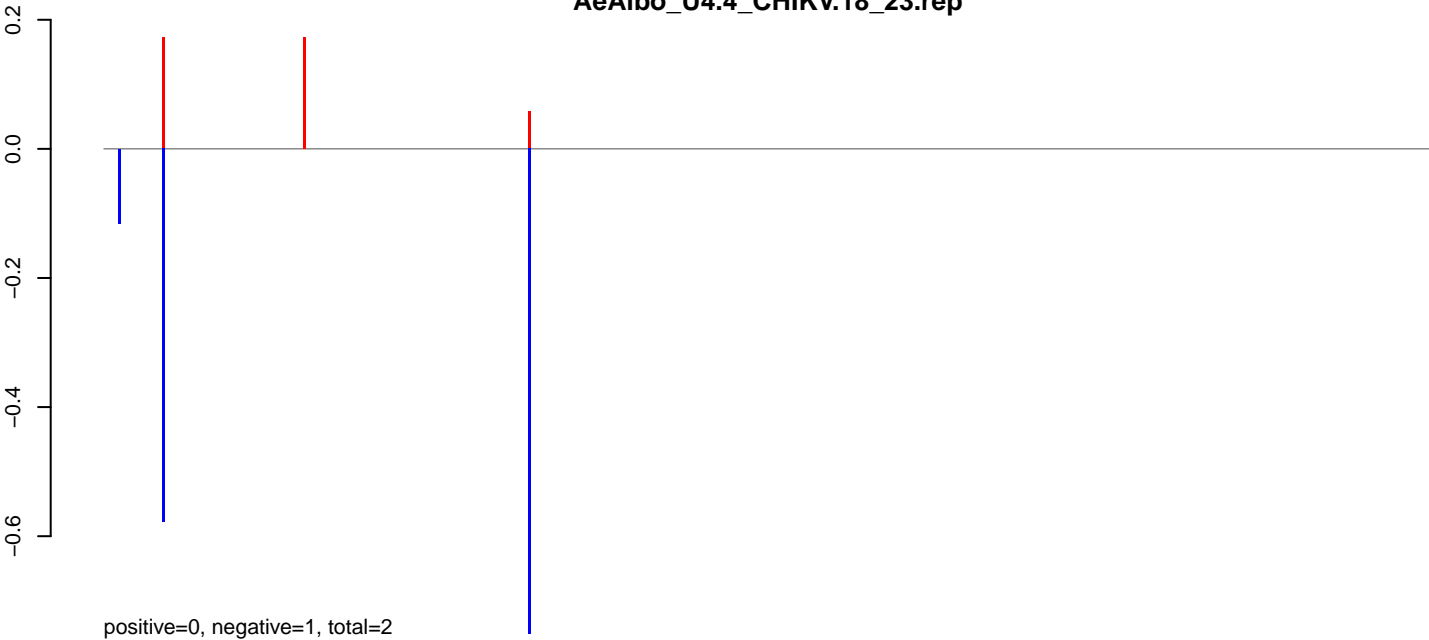
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



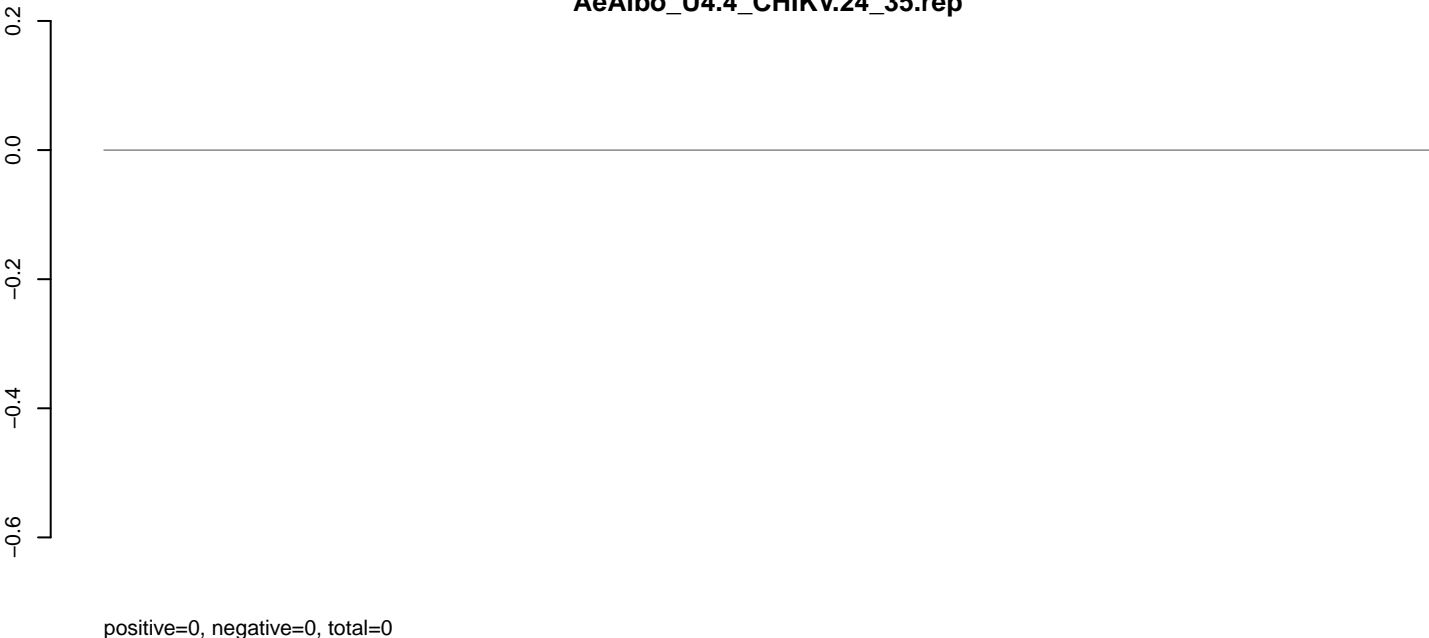
**AeAlbo\_U4.4\_CHIKV.rep**



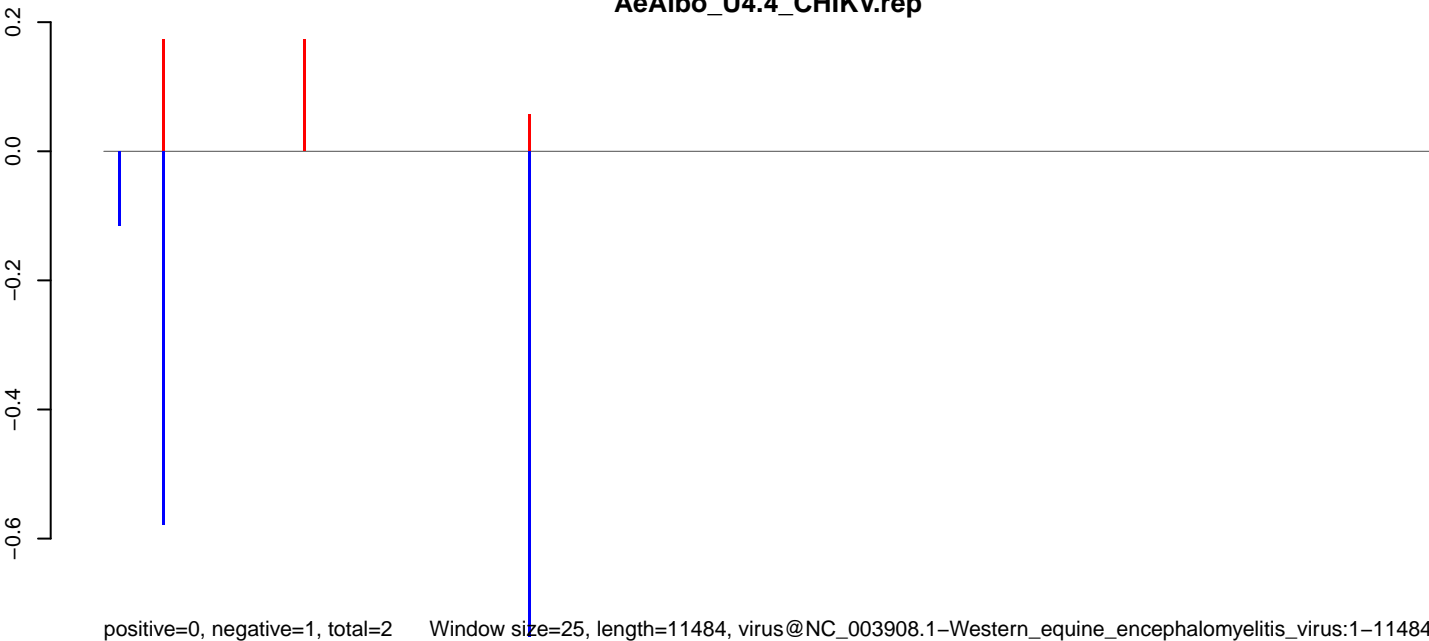
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



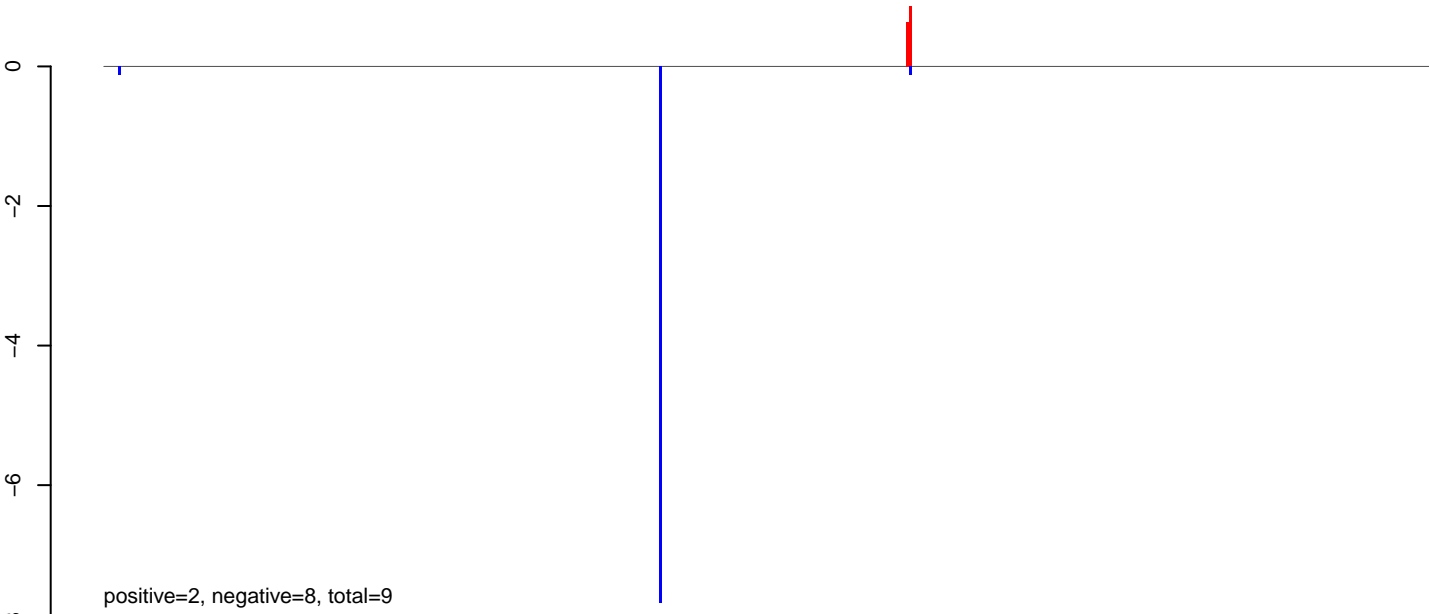
**AeAlbo\_U4.4\_CHIKV.rep**



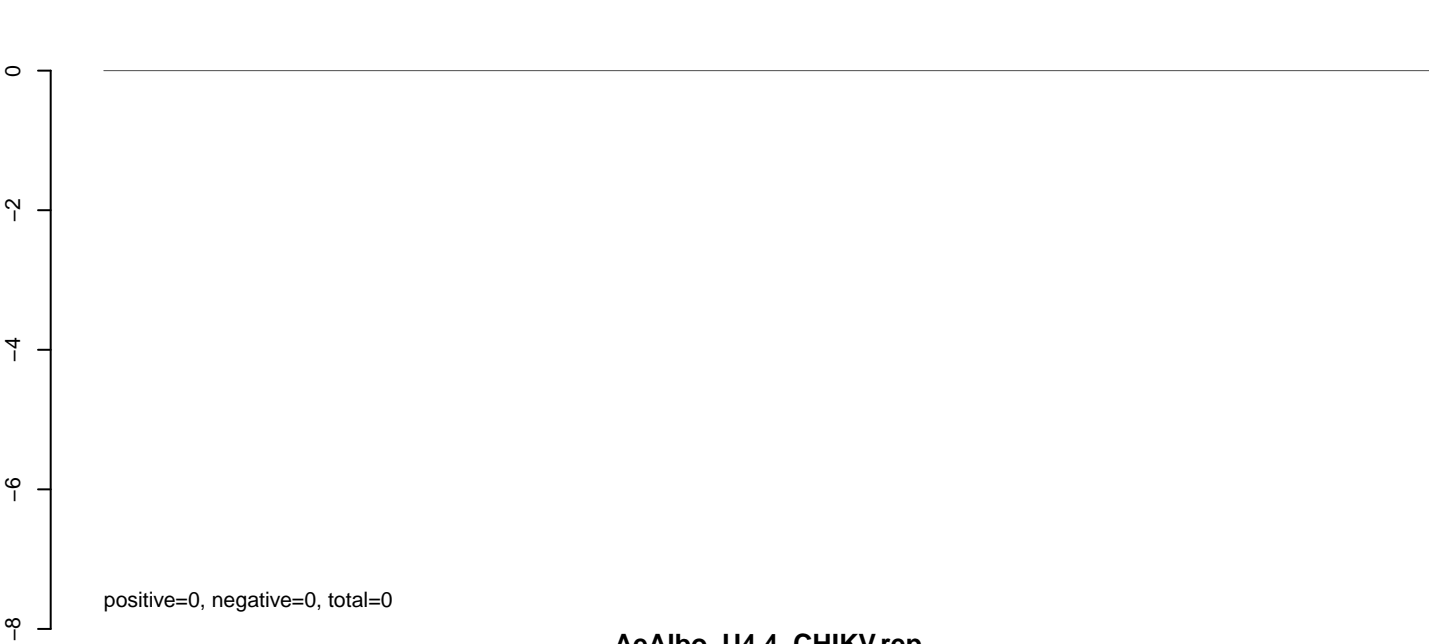
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0 2000 4000 6000 8000 10000

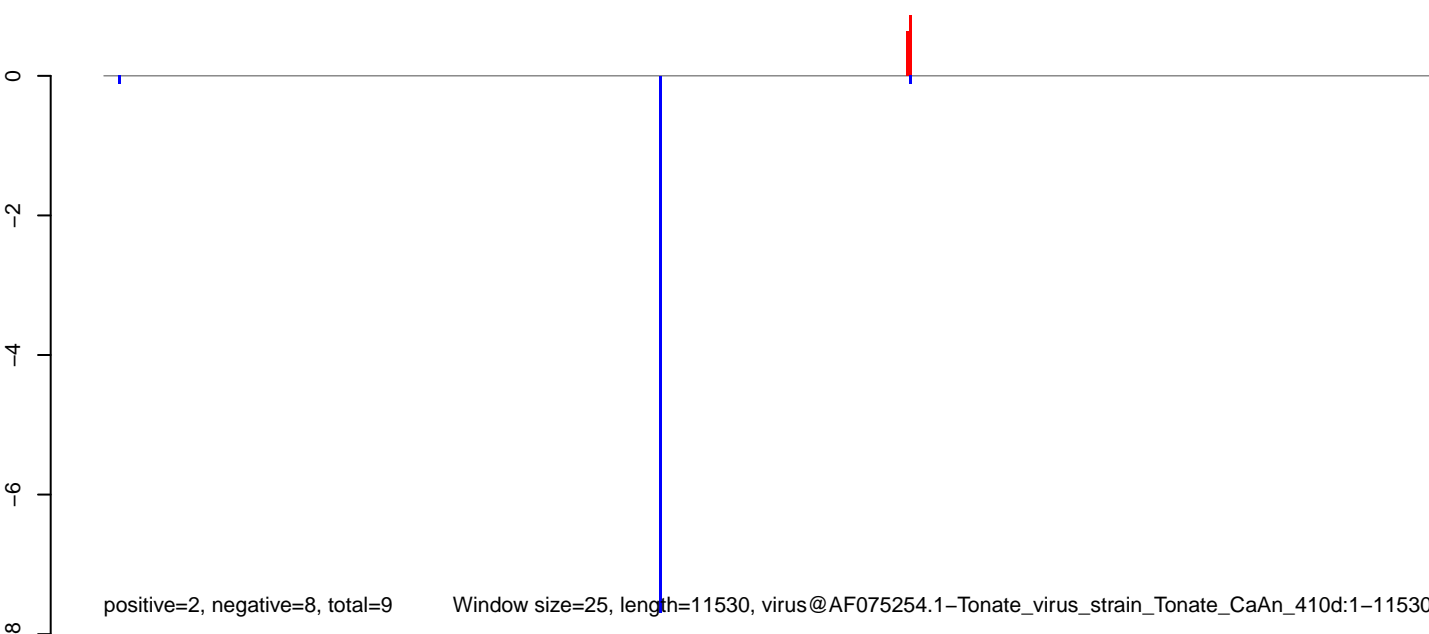
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

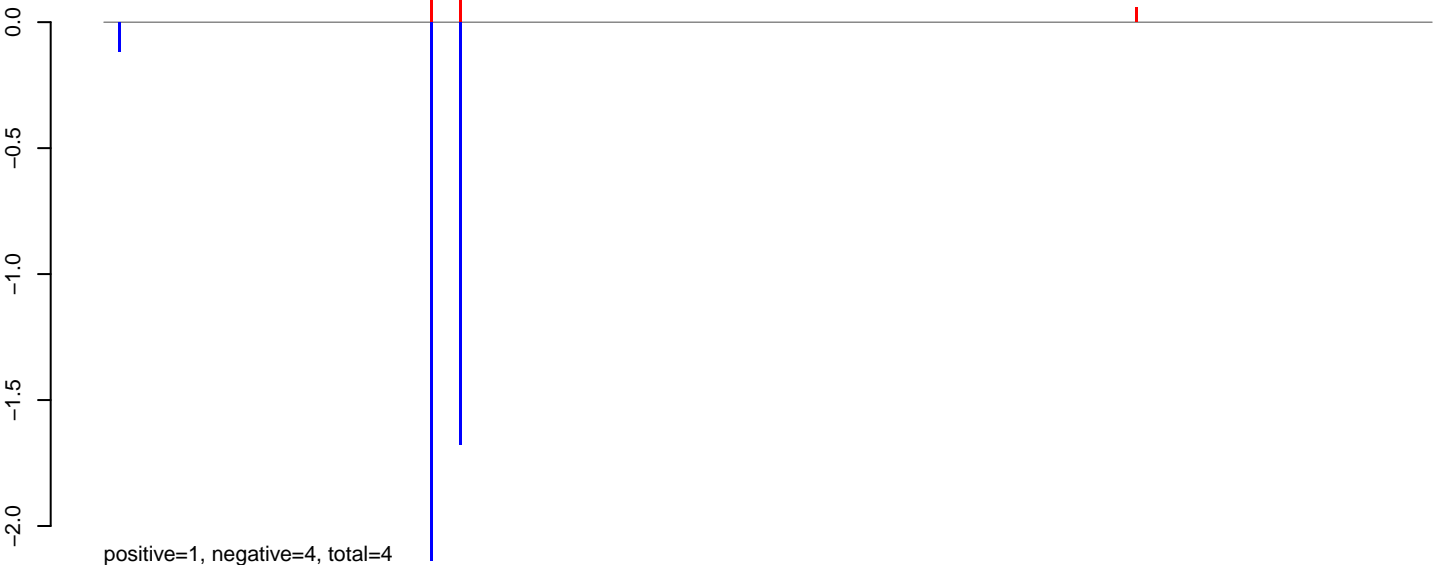


**AeAlbo\_U4.4\_CHIKV.rep**

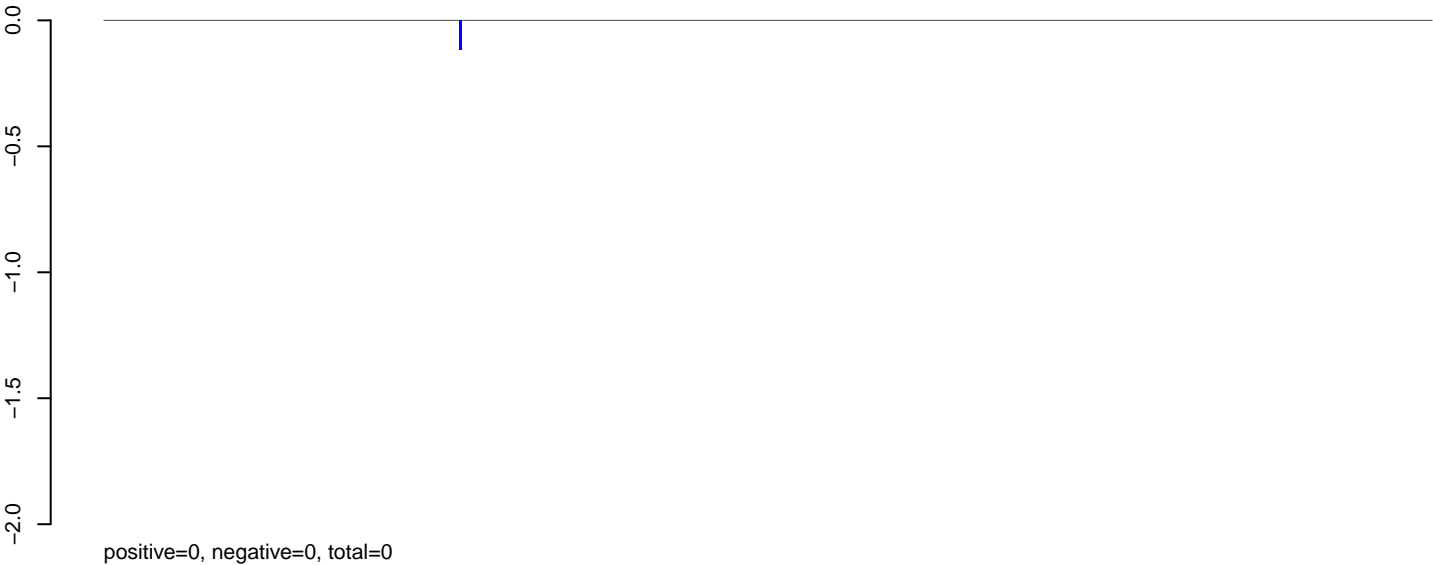


Window size=25, length=11530, virus@AF075254.1-Tonate\_virus\_strain\_Tonate\_CaAn\_410d:1-11530

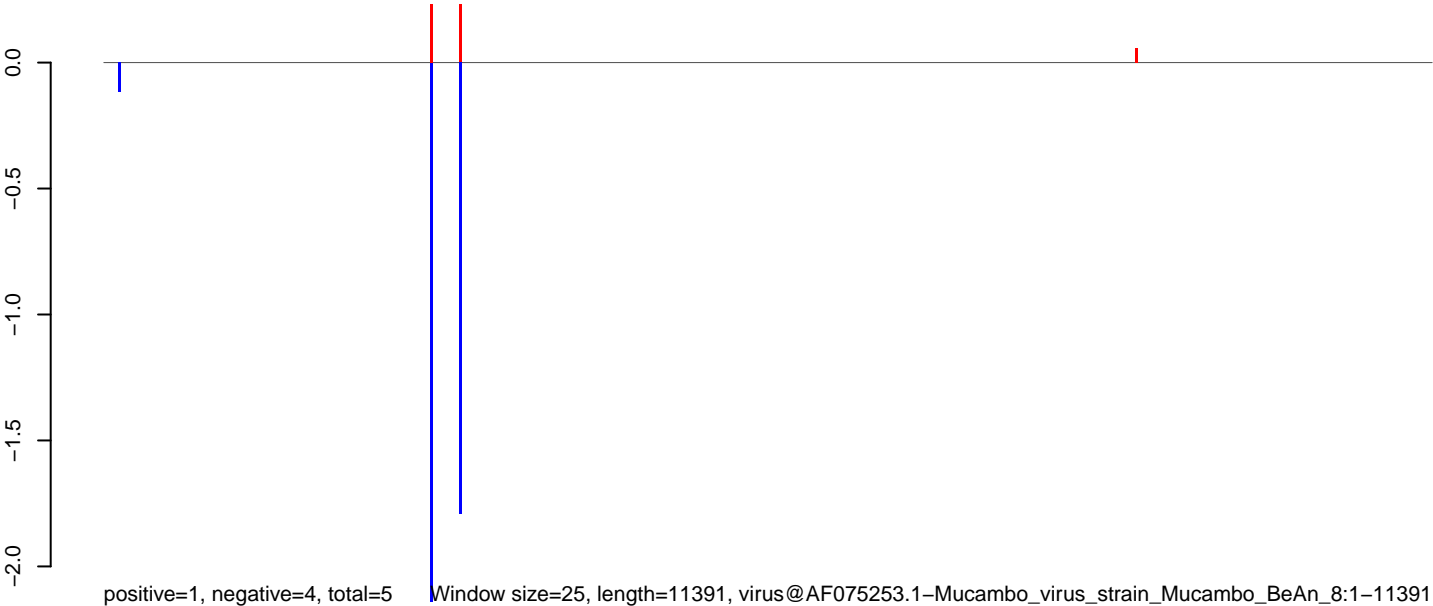
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

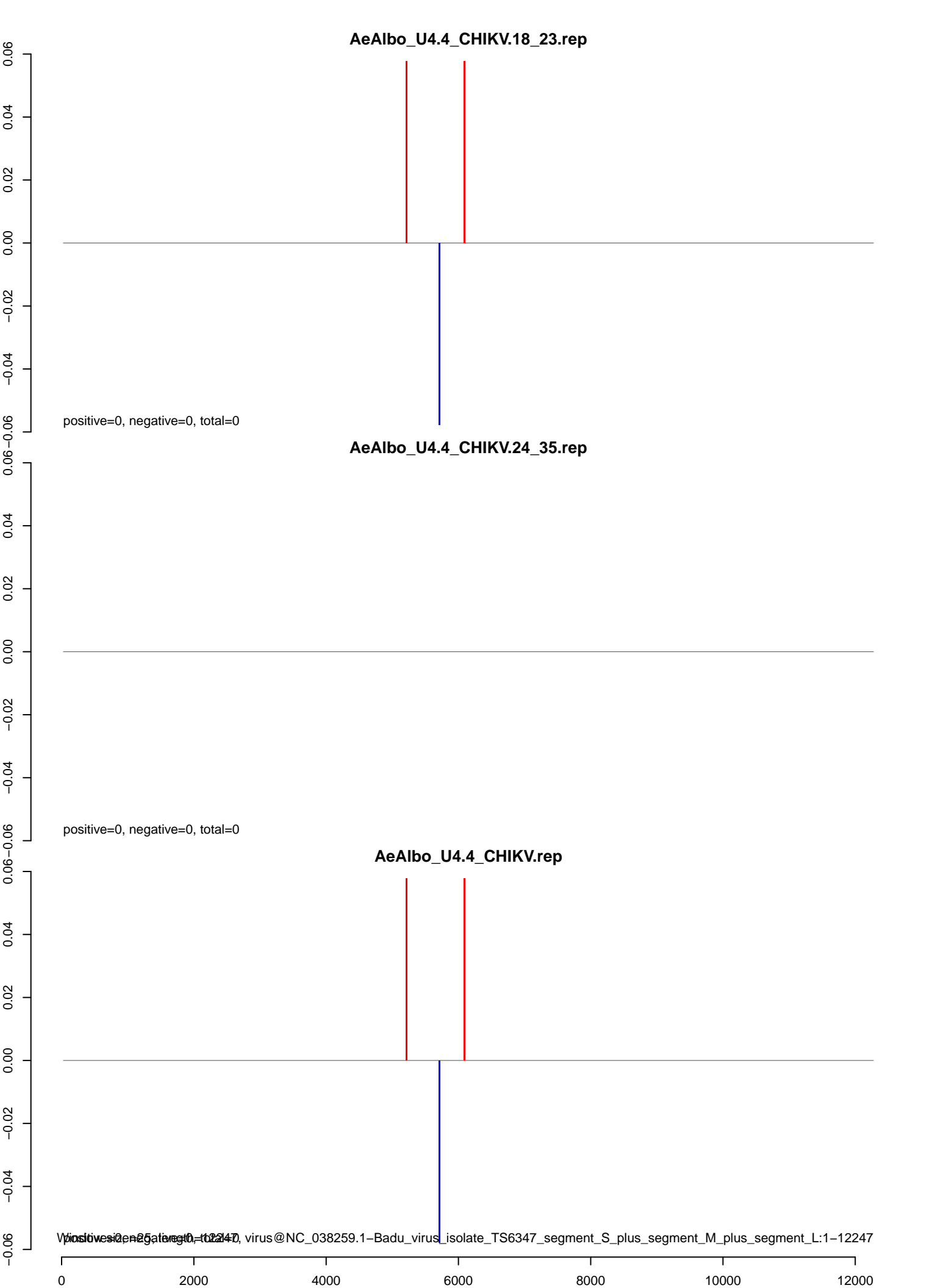


**AeAlbo\_U4.4\_CHIKV.rep**

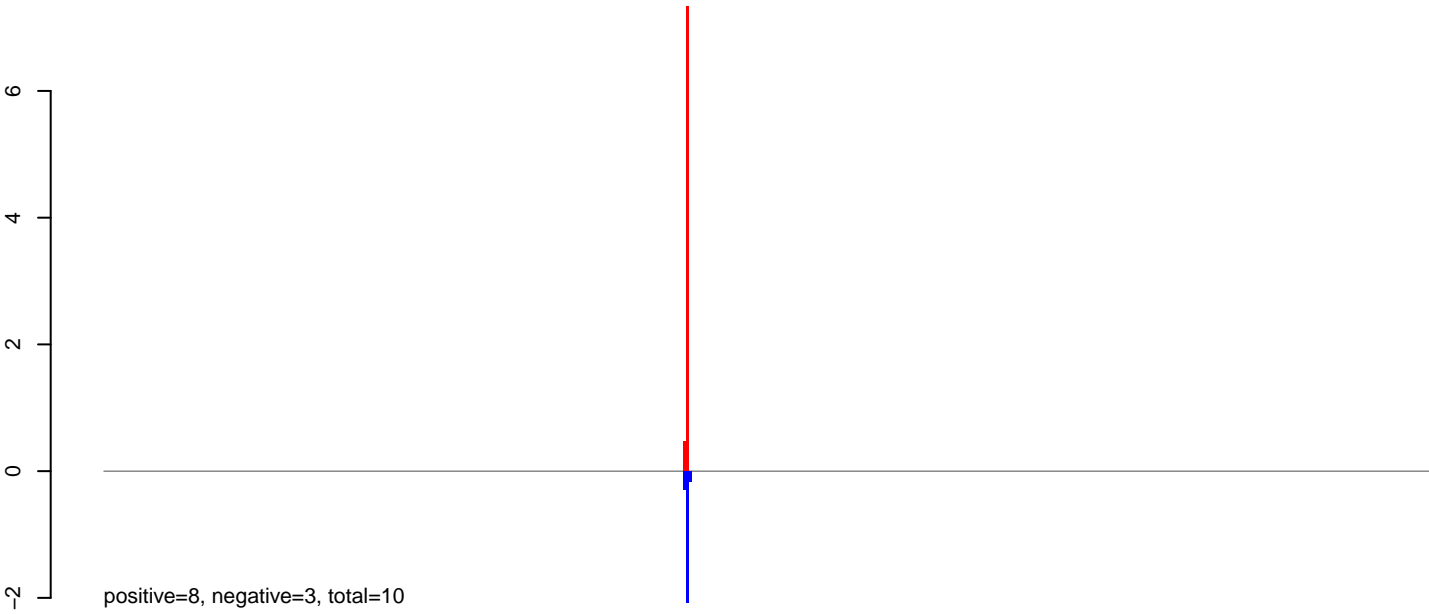


Window size=25, length=11391, virus@AF075253.1-Mucambo\_virus\_strain\_Mucambo\_BeAn\_8:1-11391

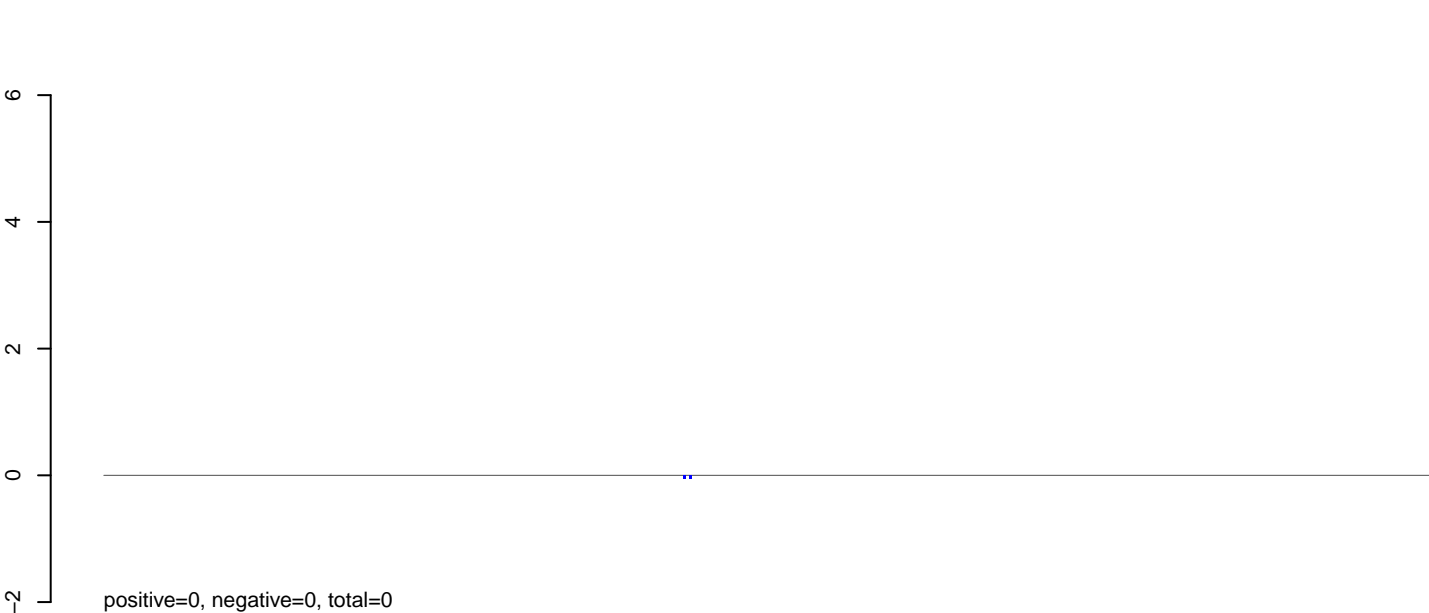
0 2000 4000 6000 8000 10000



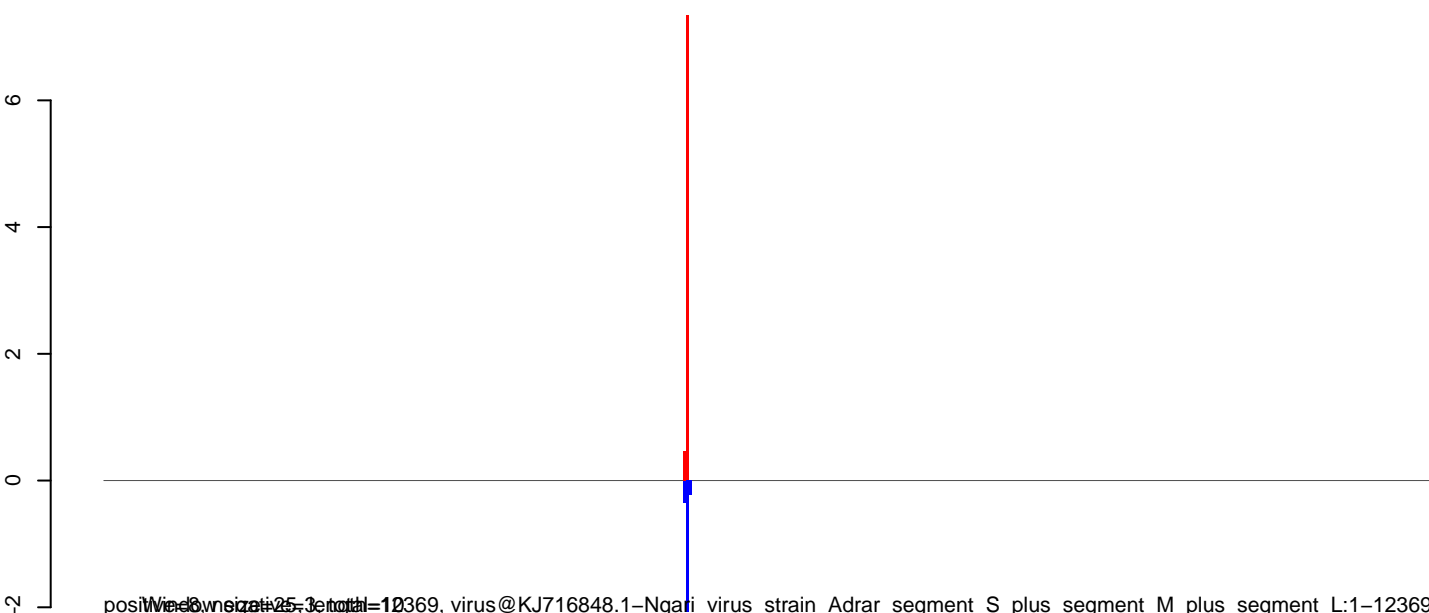
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



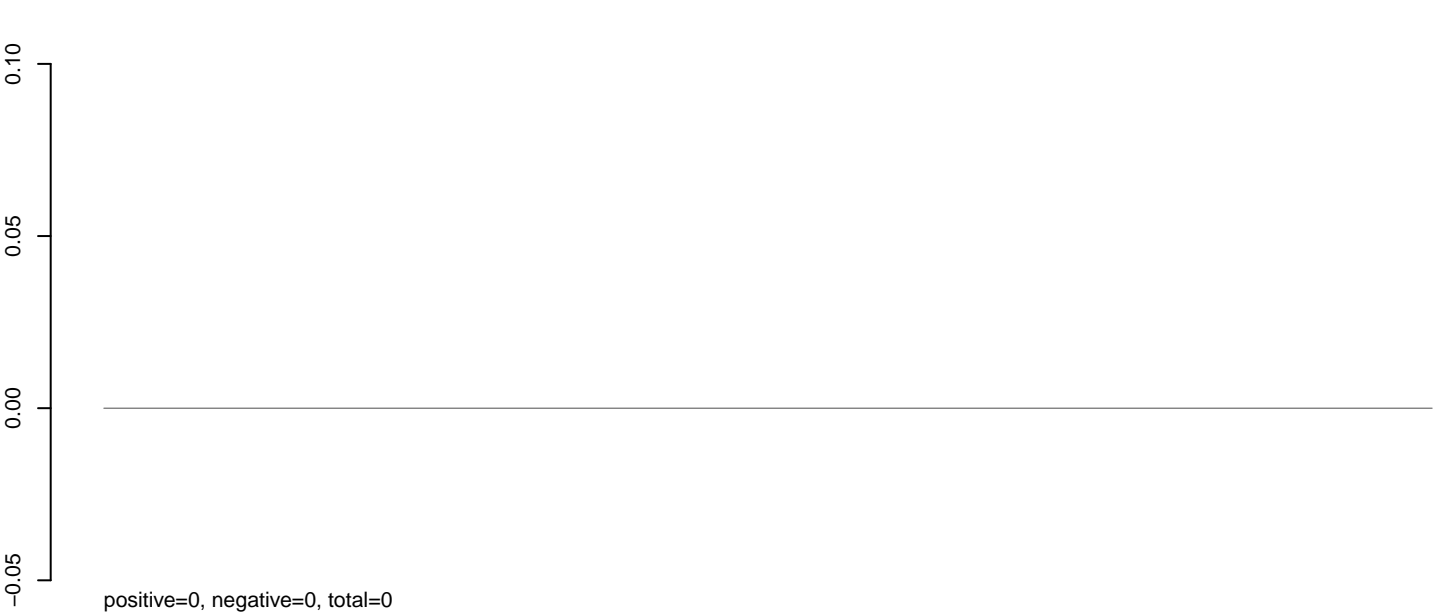
Ward, size=25, total=12369, virus@KJ716848.1-Ngari\_virus\_strain\_Adrar\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12369

0 2000 4000 6000 8000 10000 12000

**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



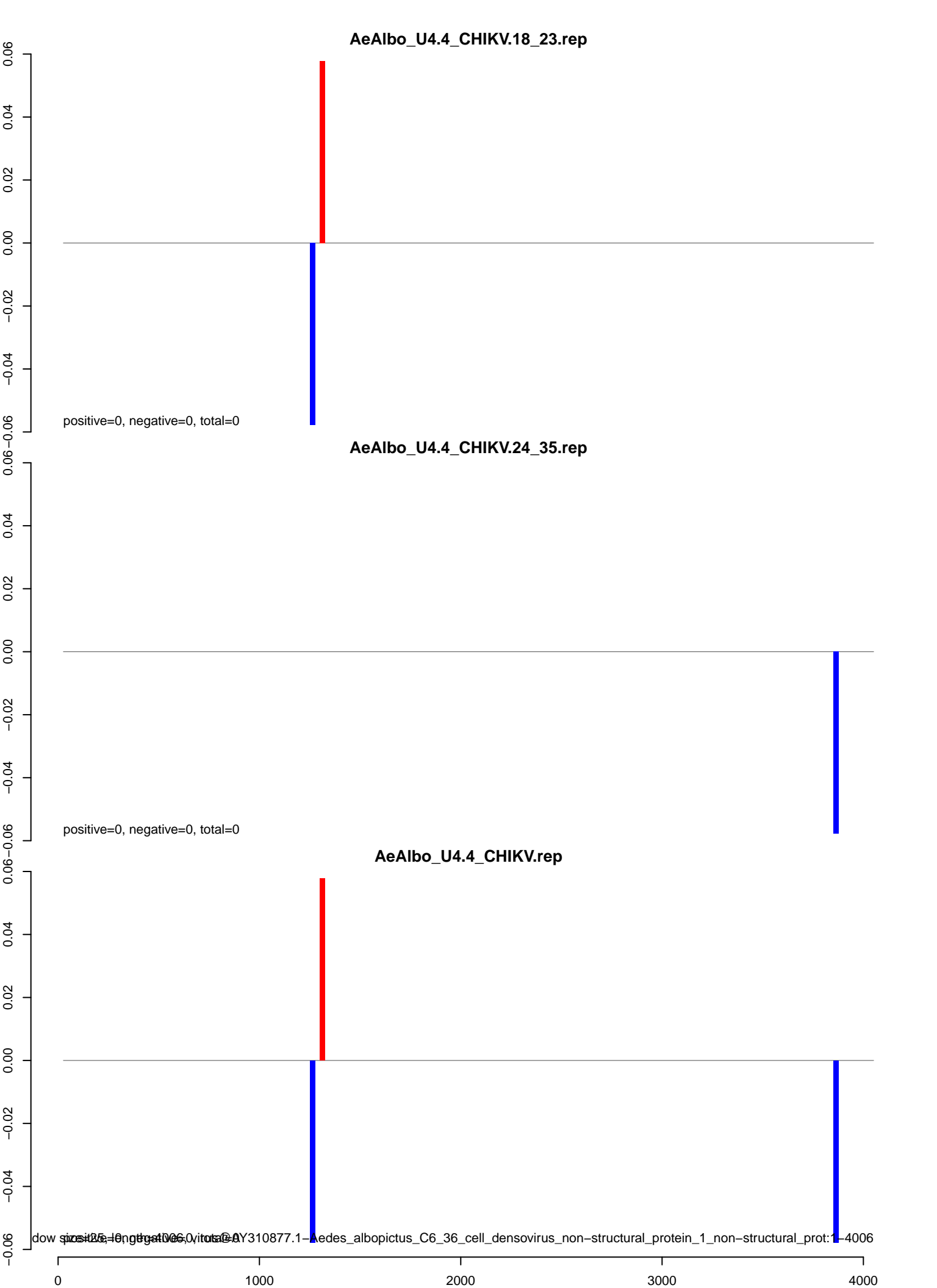
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

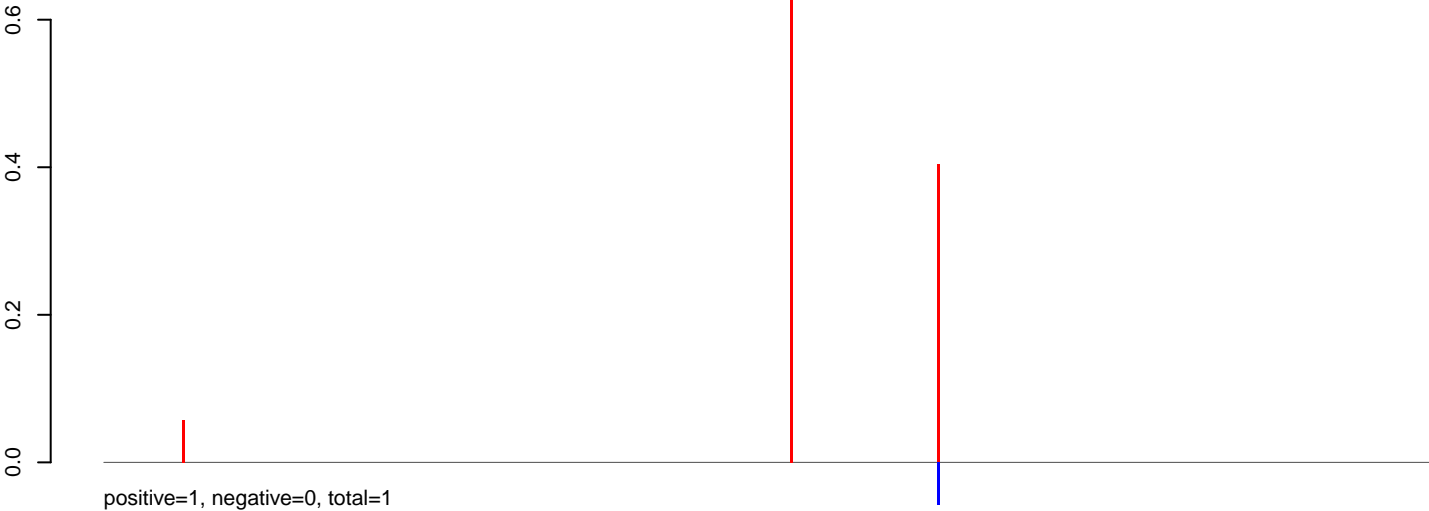


0 2000 4000 6000 8000 10000





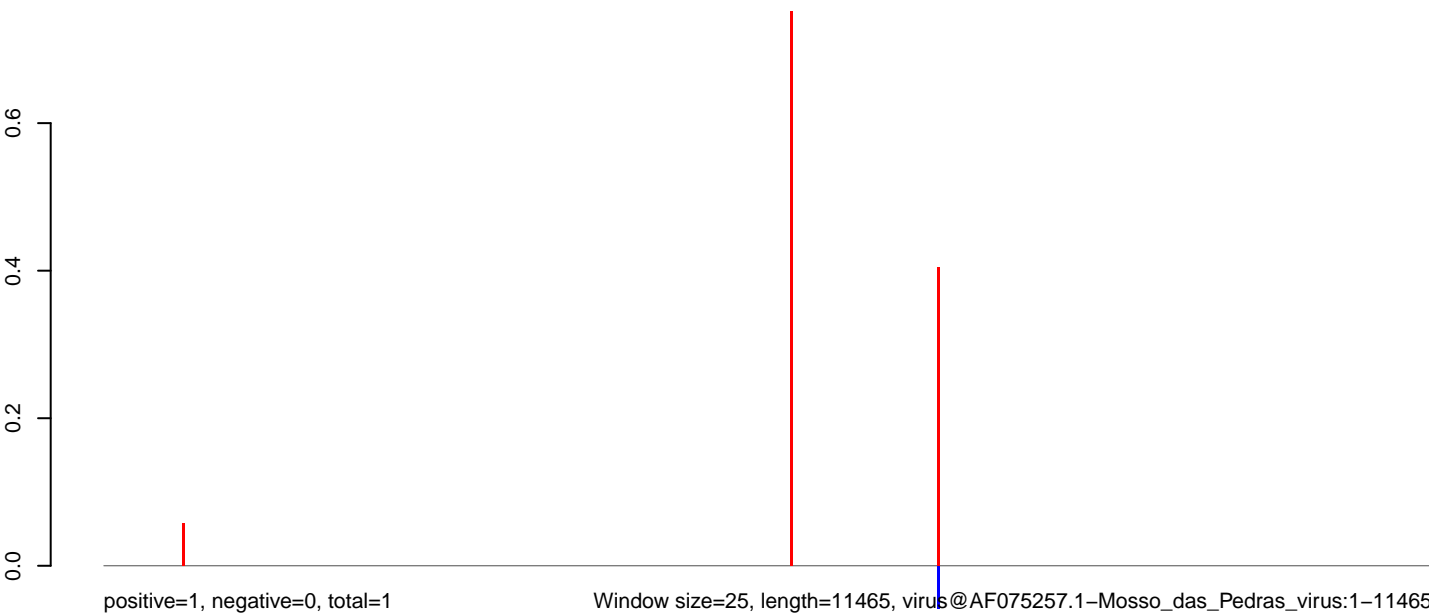
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



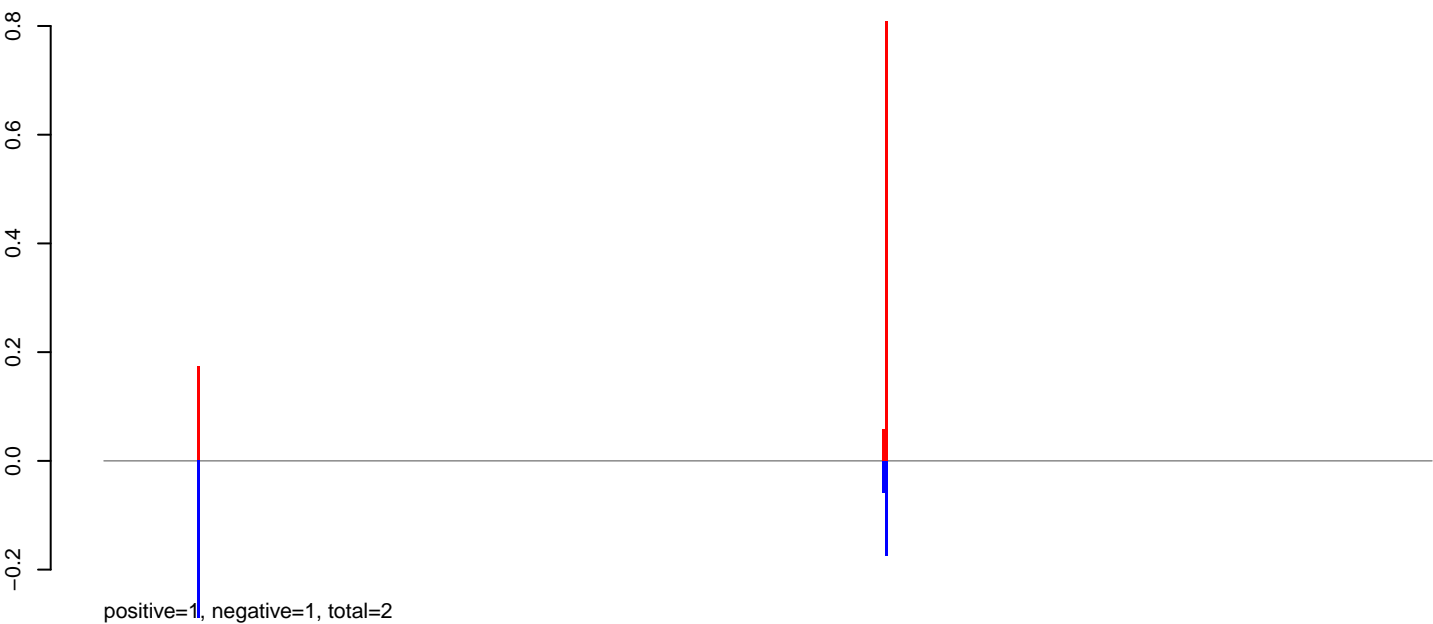
**AeAlbo\_U4.4\_CHIKV.rep**



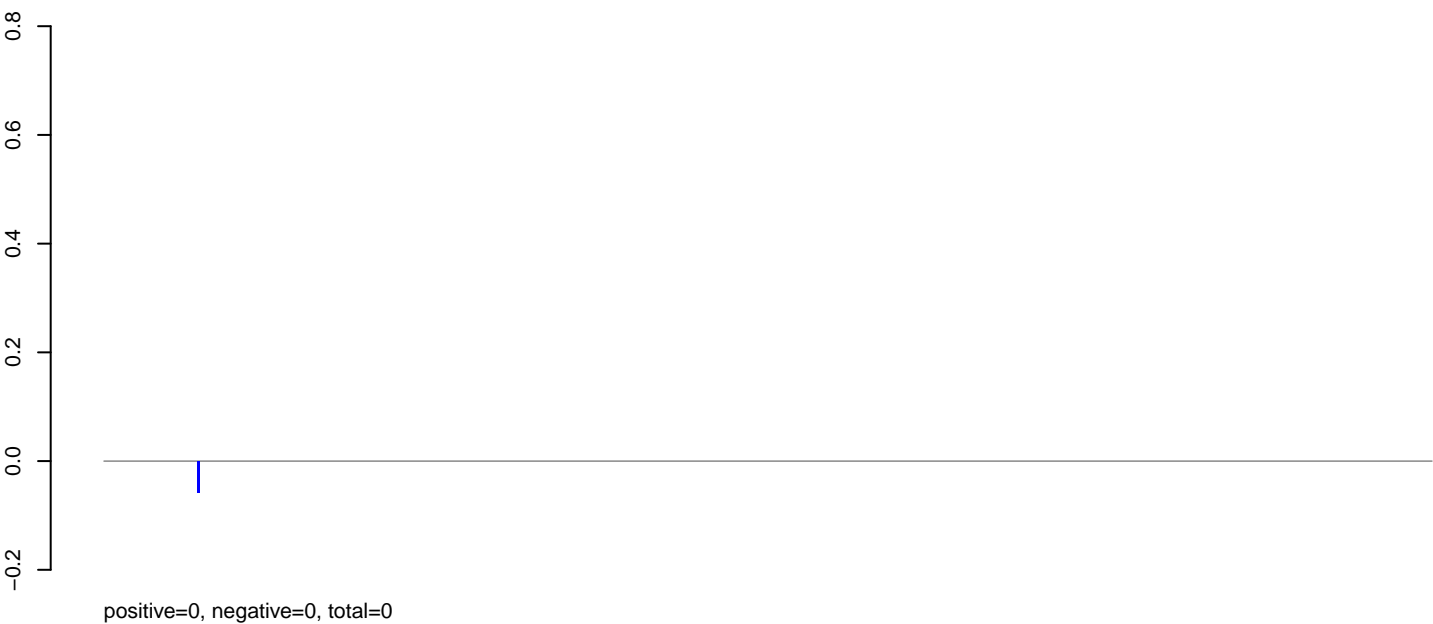
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0 2000 4000 6000 8000 10000

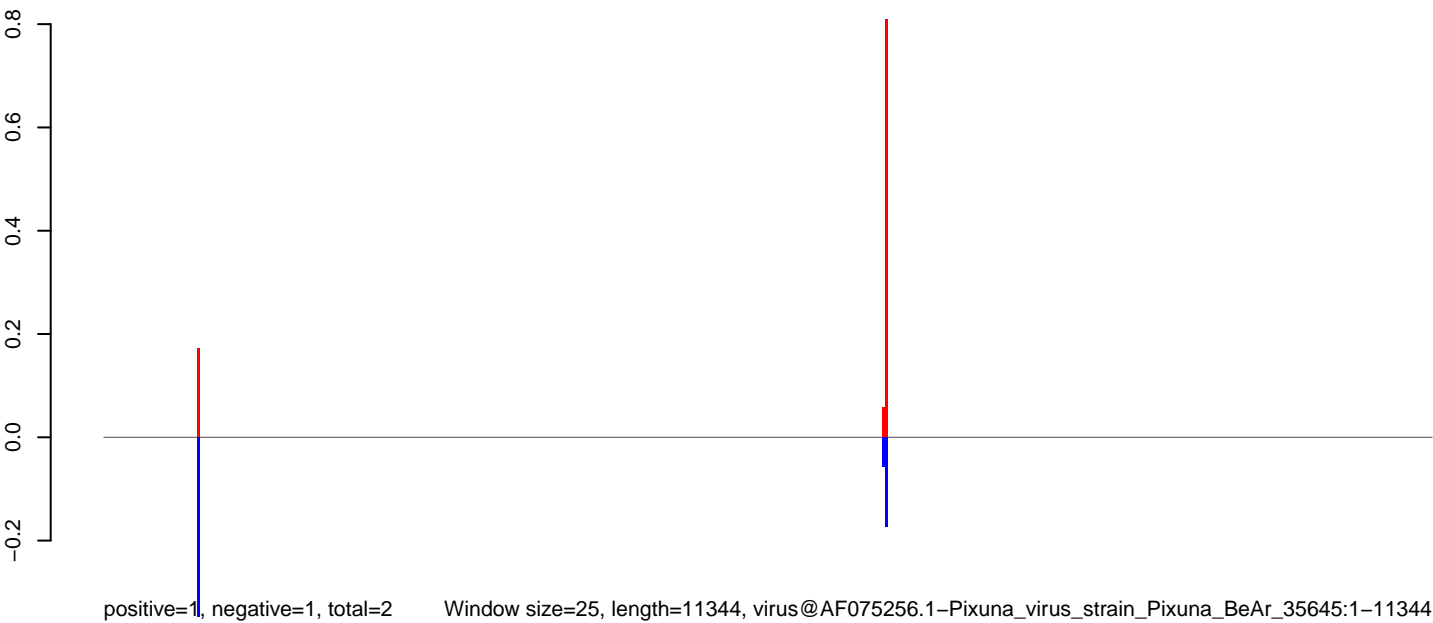
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



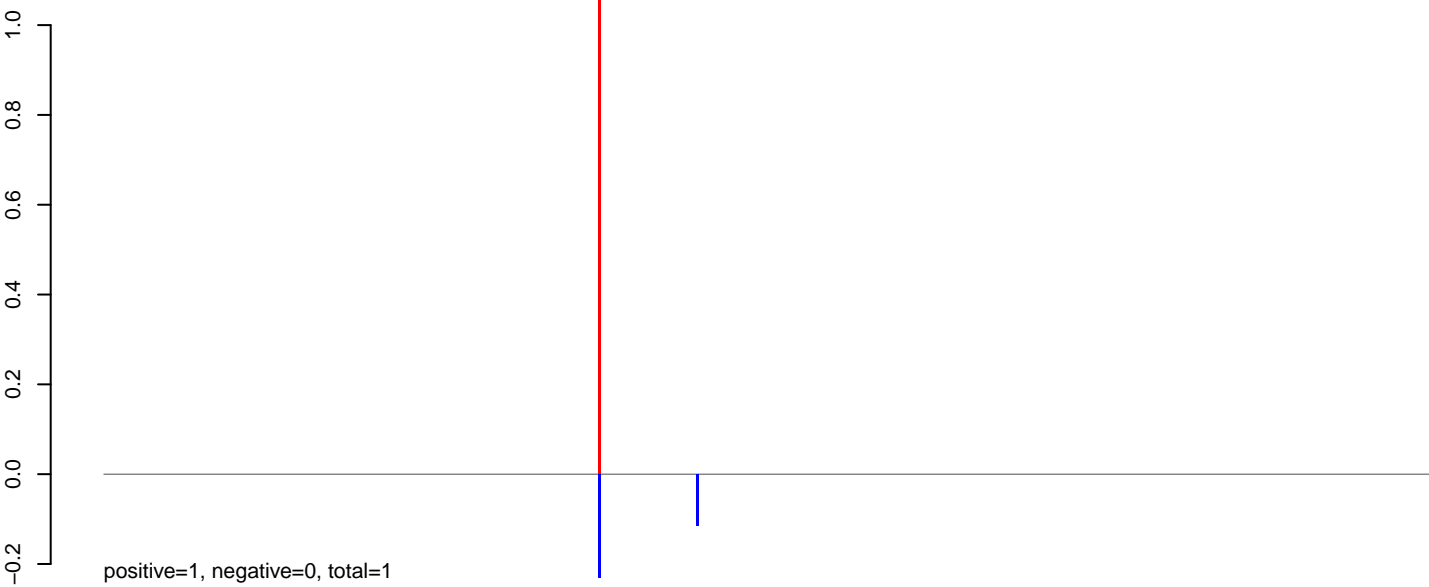
**AeAlbo\_U4.4\_CHIKV.rep**



Window size=25, length=11344, virus@AF075256.1-Pixuna\_virus\_strain\_Pixuna\_BeAr\_35645:1-11344

0 2000 4000 6000 8000 10000

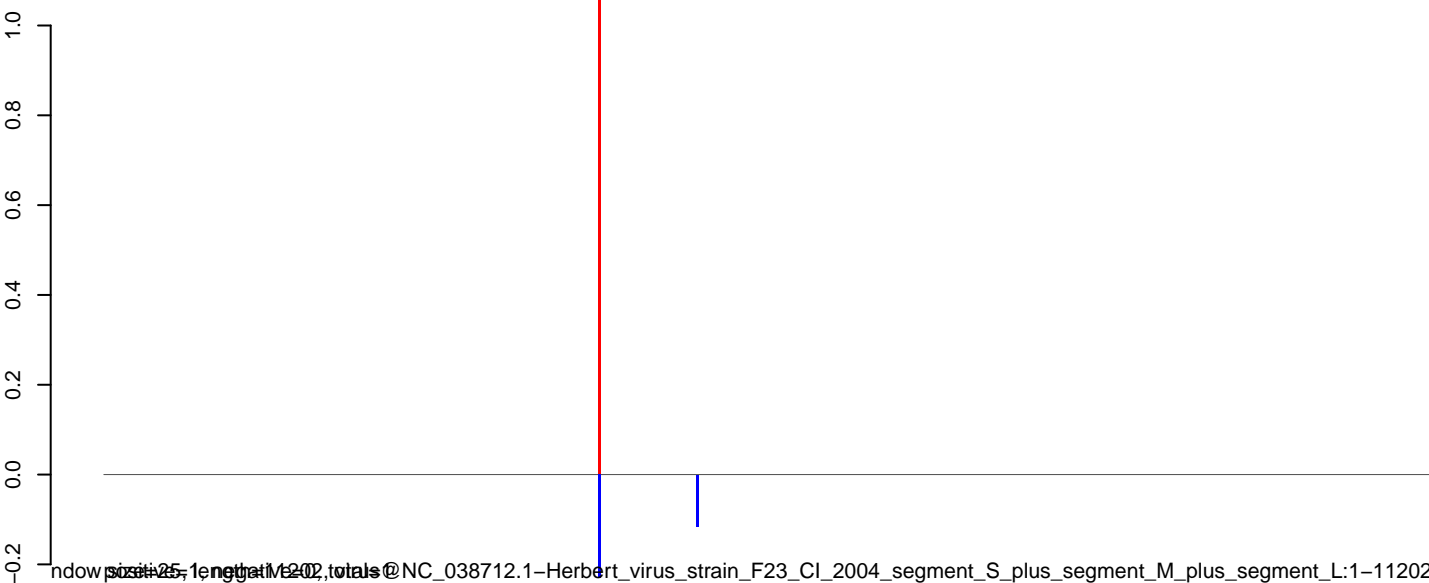
### AeAlbo\_U4.4\_CHIKV.18\_23.rep



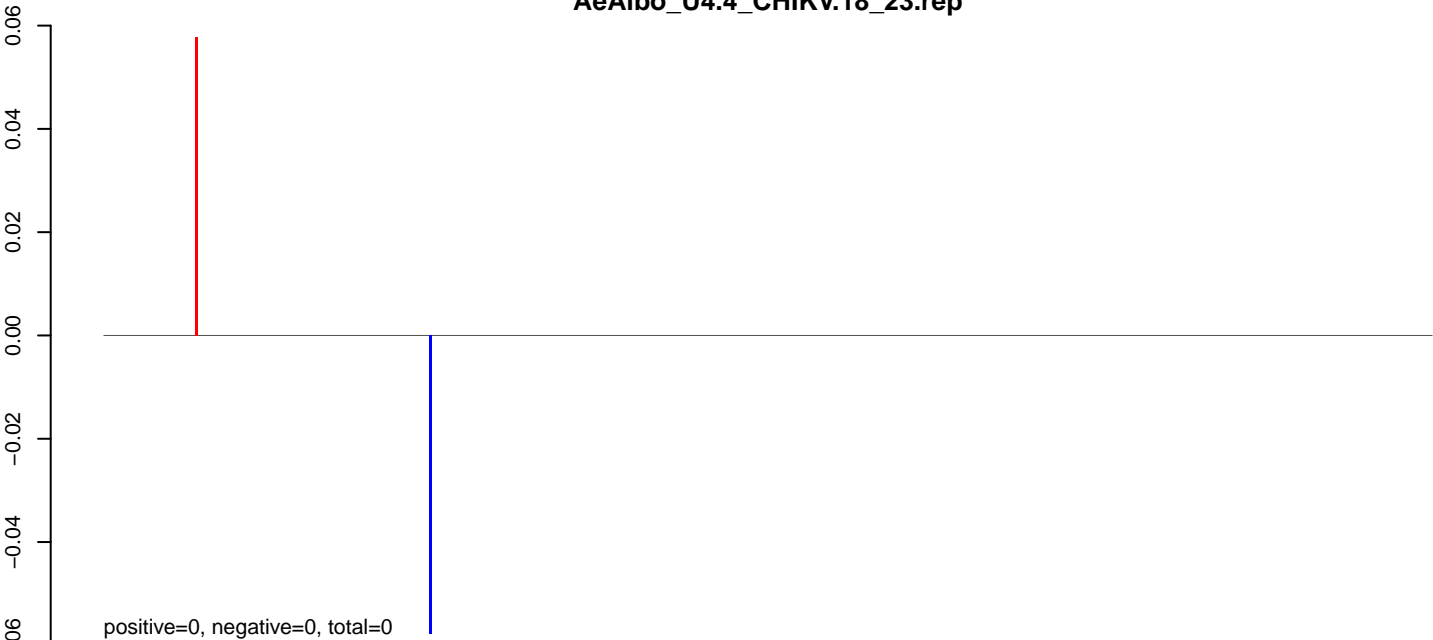
### AeAlbo\_U4.4\_CHIKV.24\_35.rep



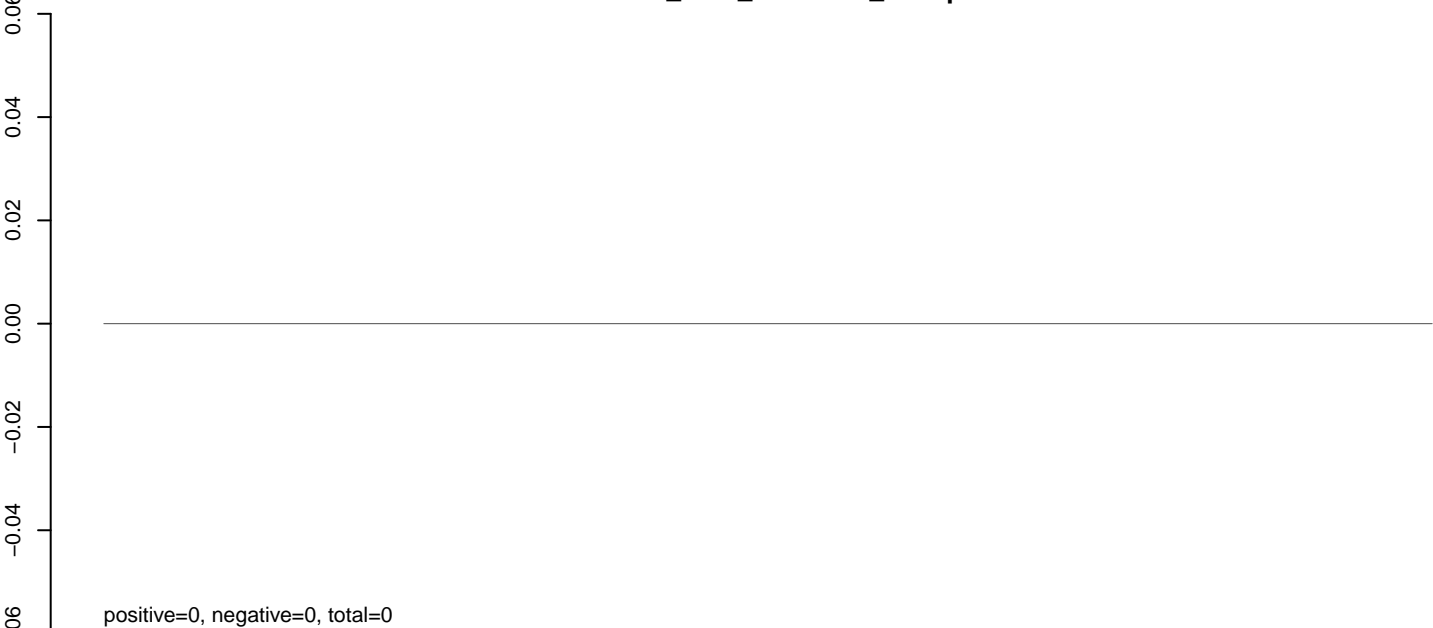
### AeAlbo\_U4.4\_CHIKV.rep



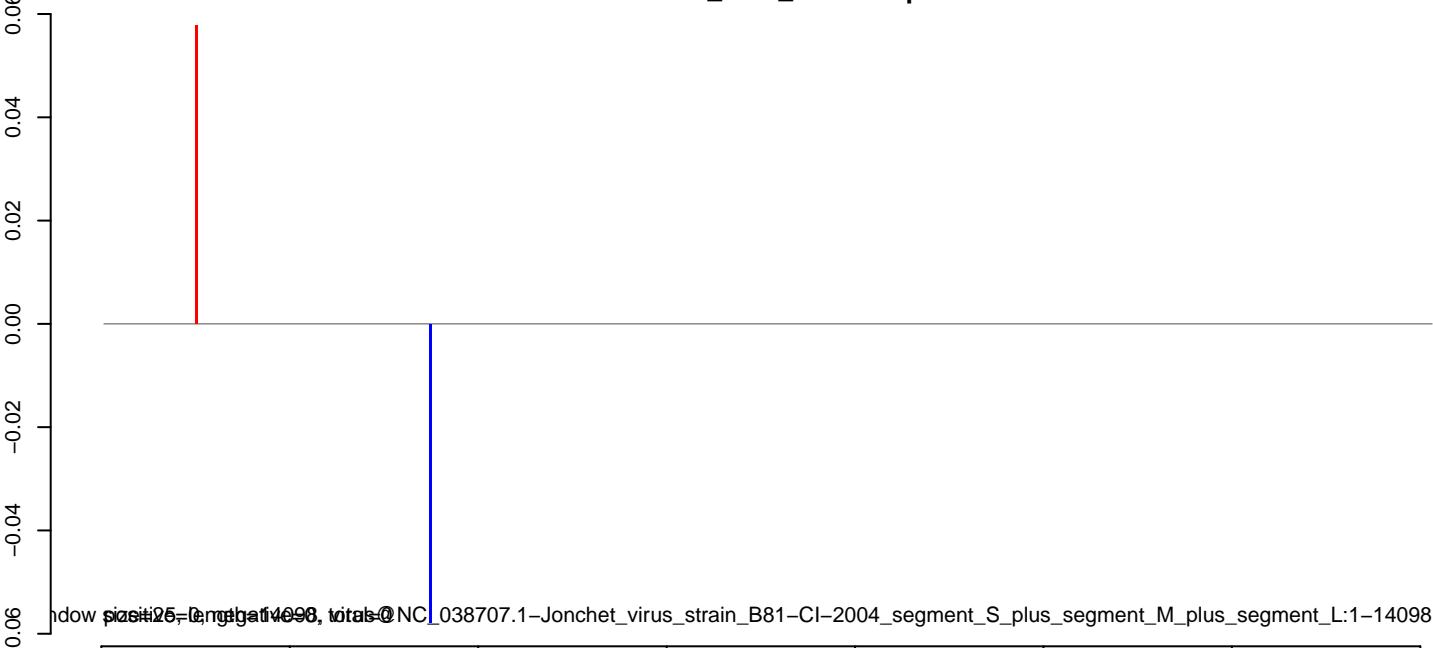
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



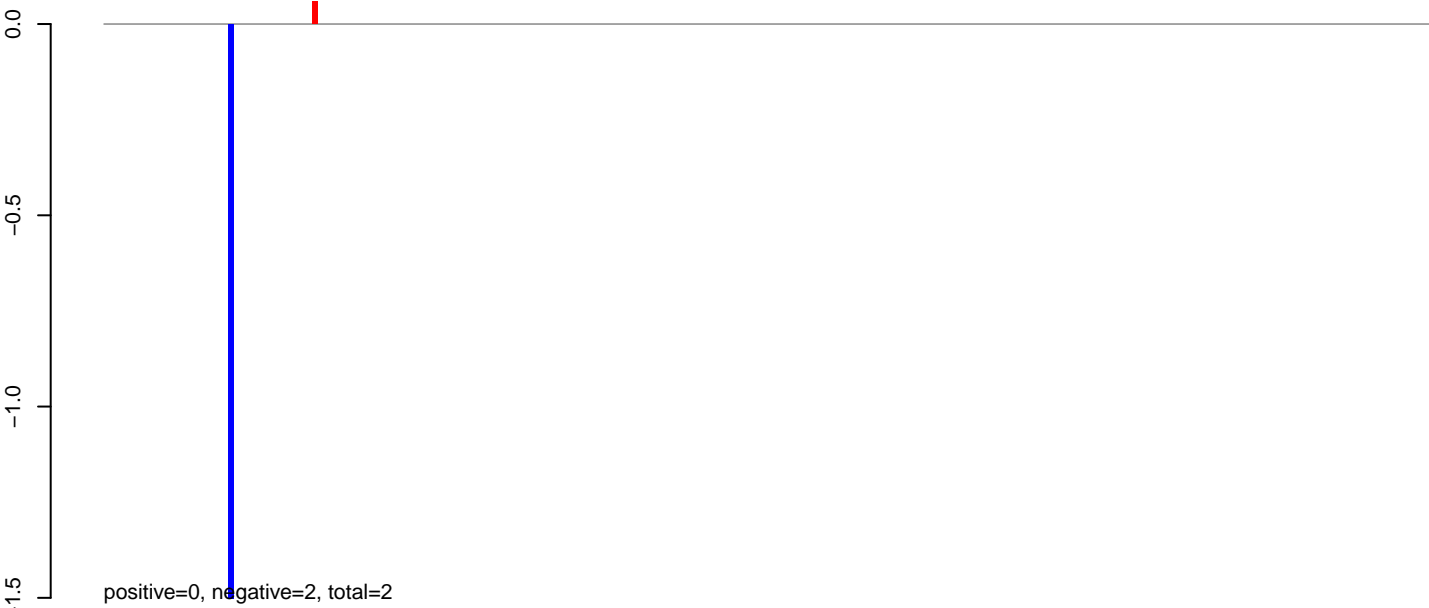
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



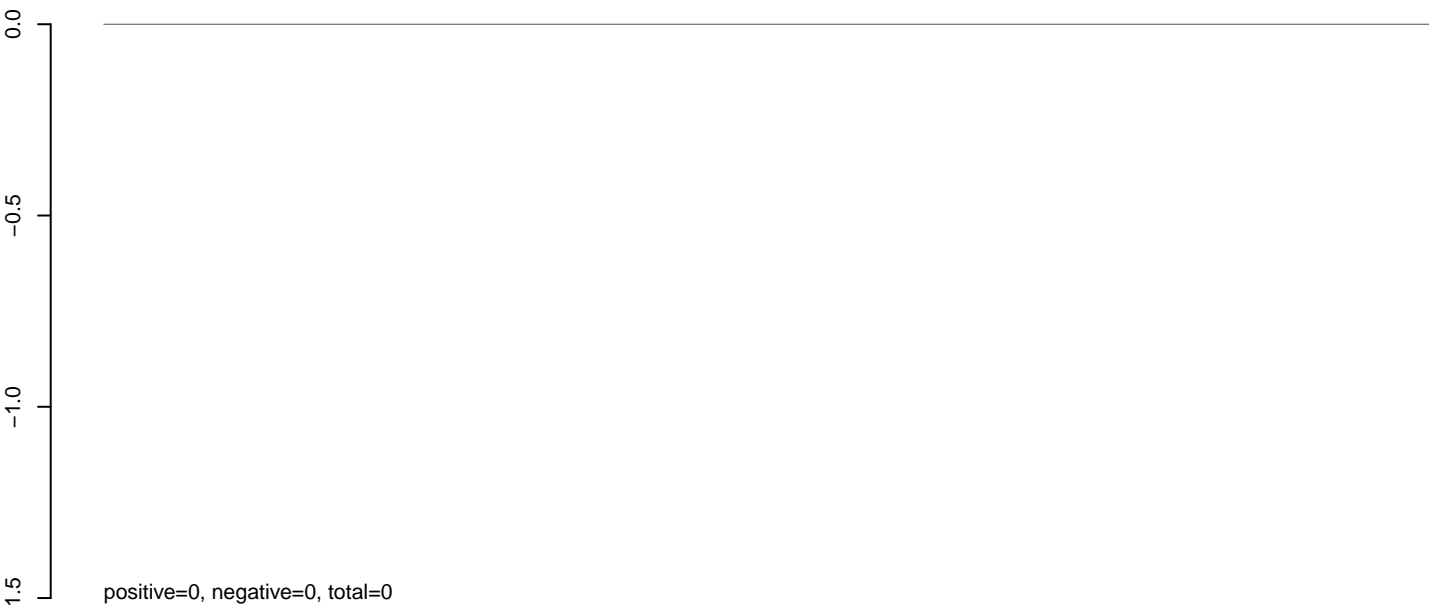
**AeAlbo\_U4.4\_CHIKV.rep**



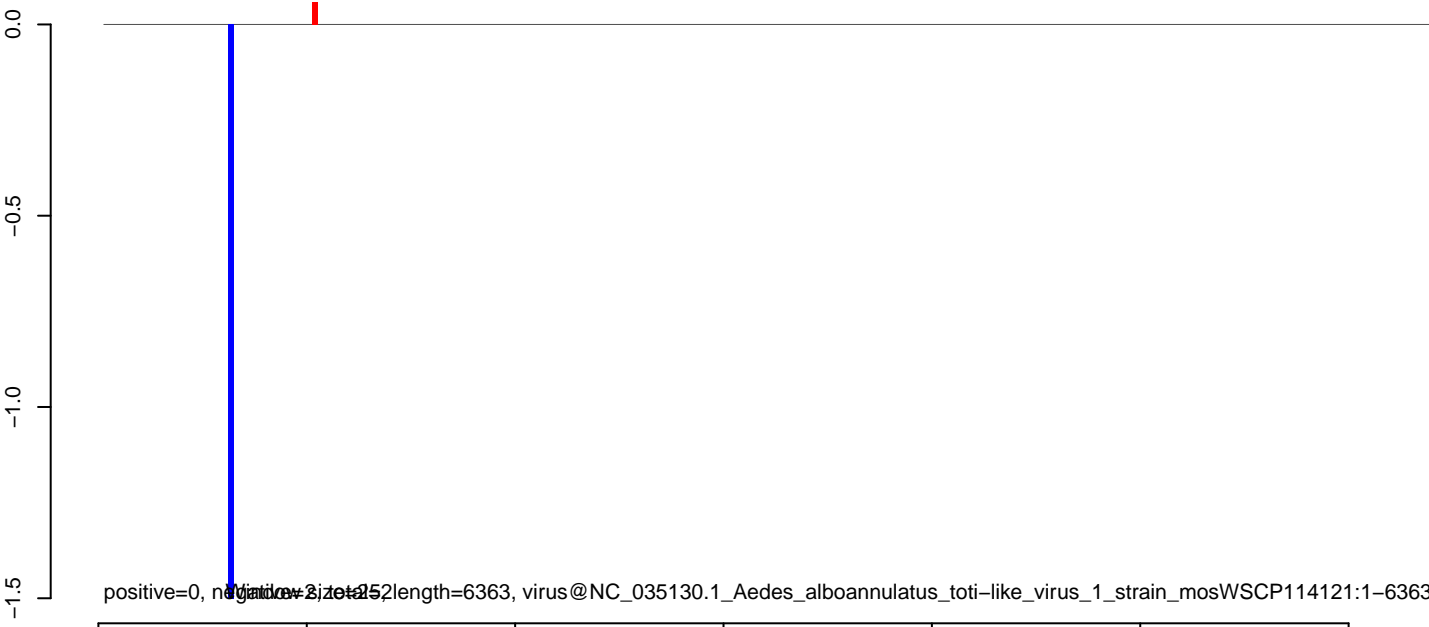
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

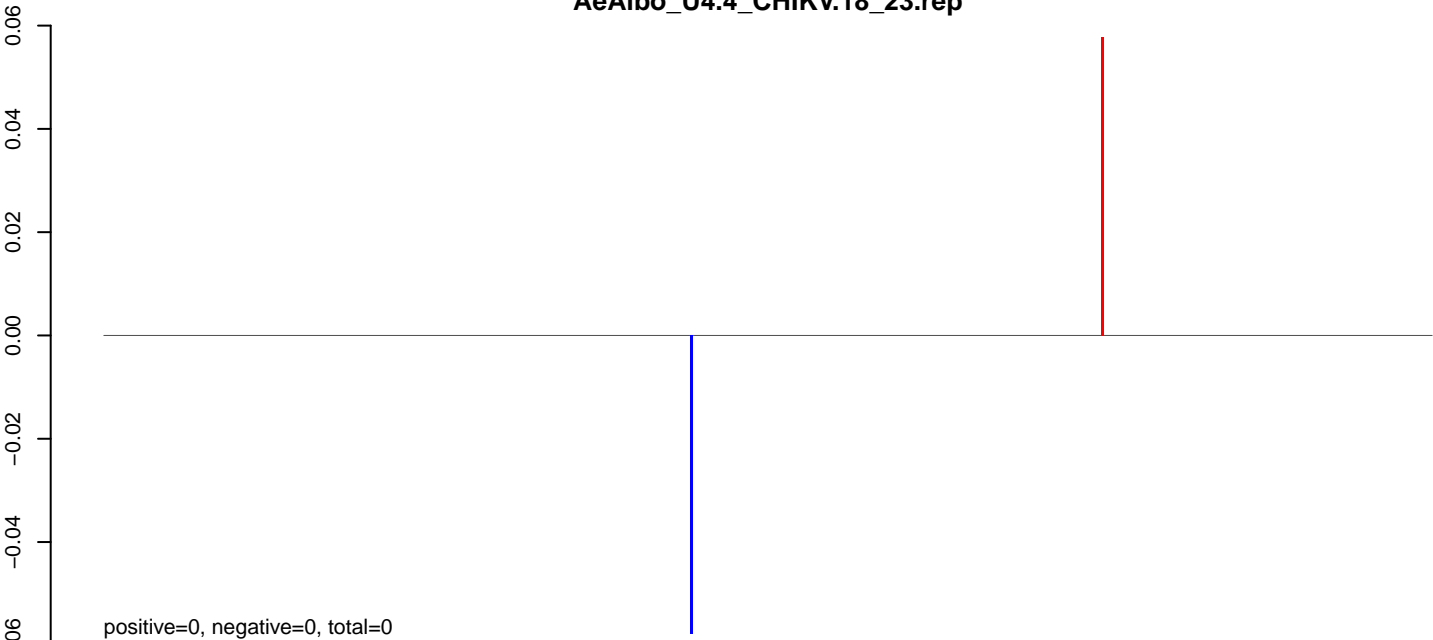


**AeAlbo\_U4.4\_CHIKV.rep**

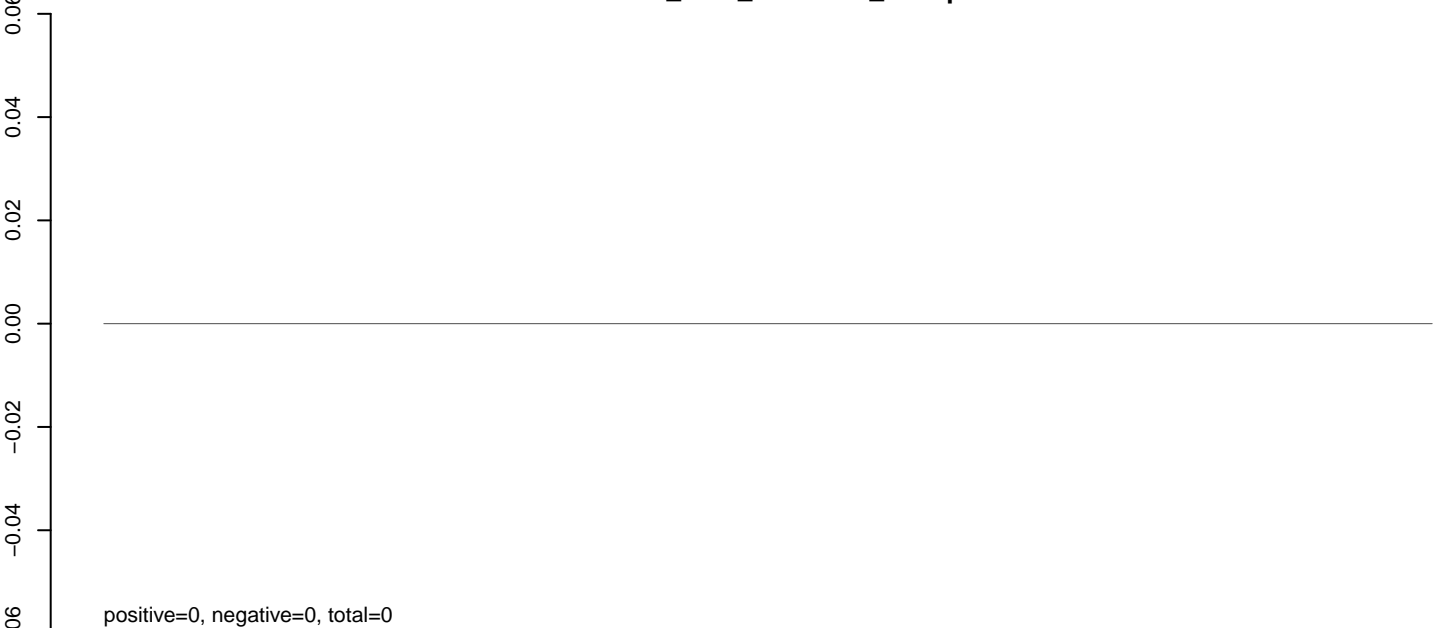


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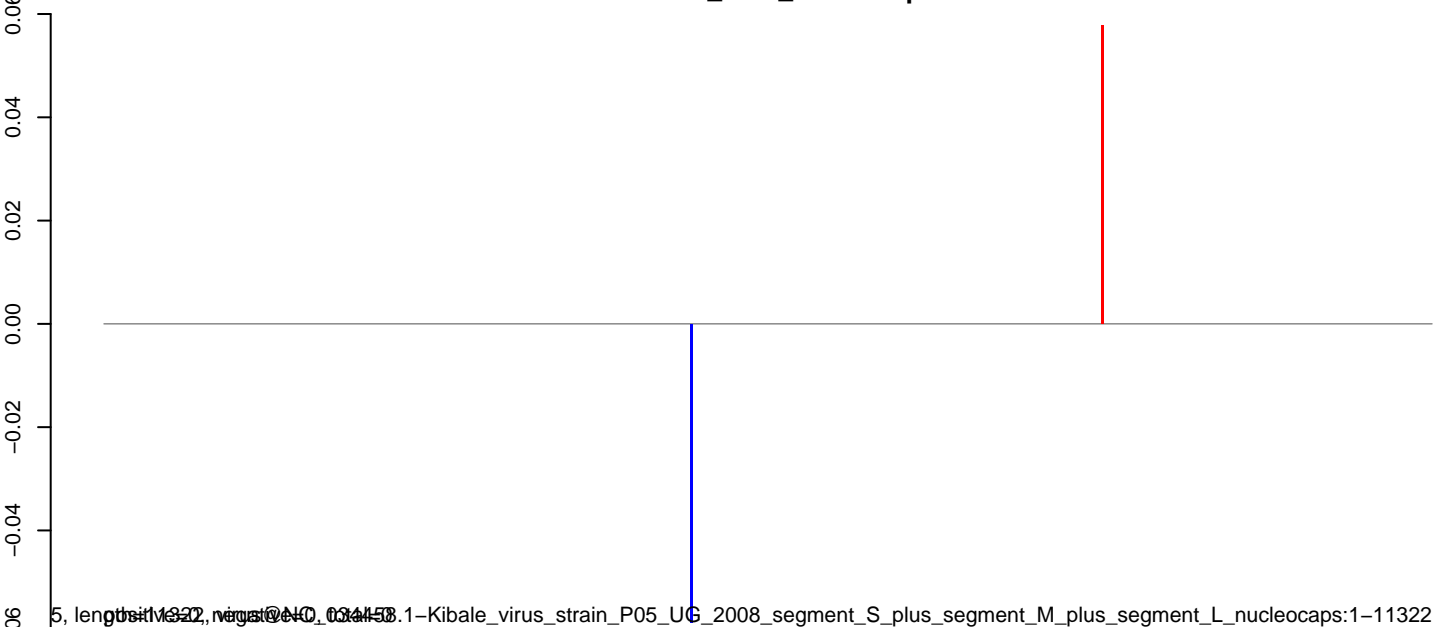
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



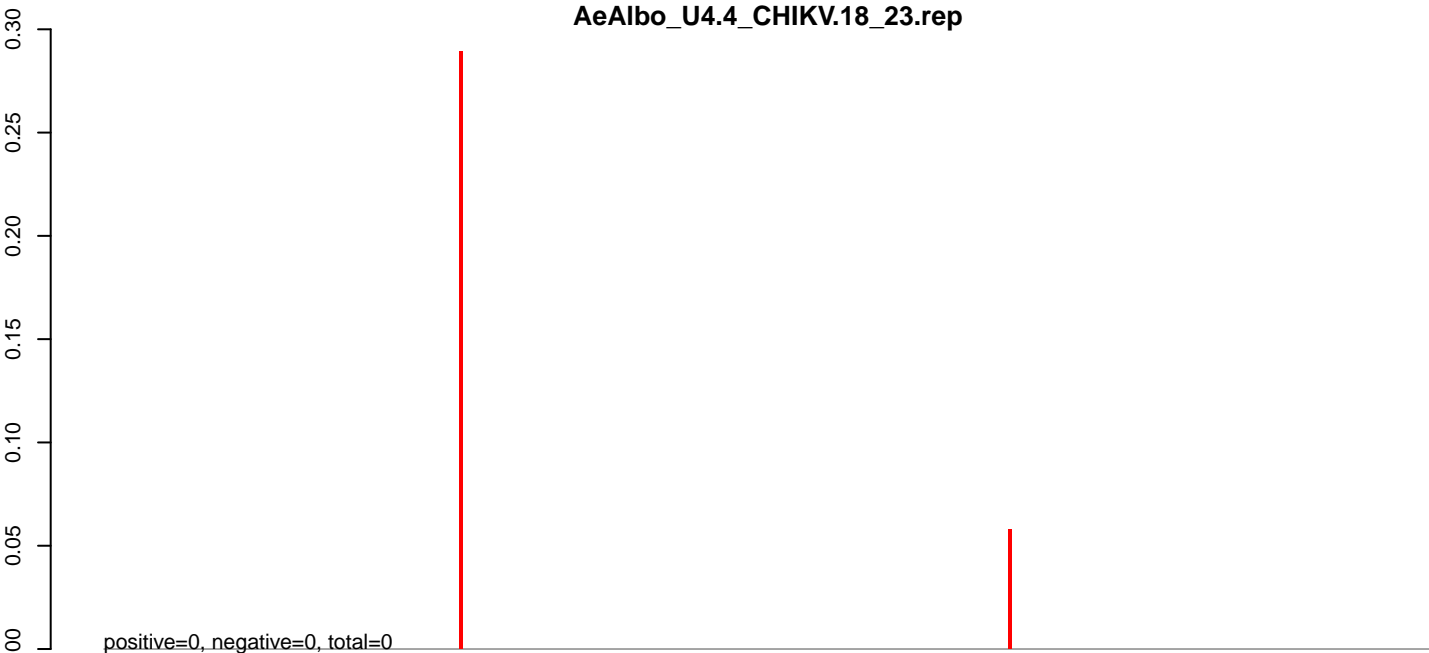
**AeAlbo\_U4.4\_CHIKV.rep**



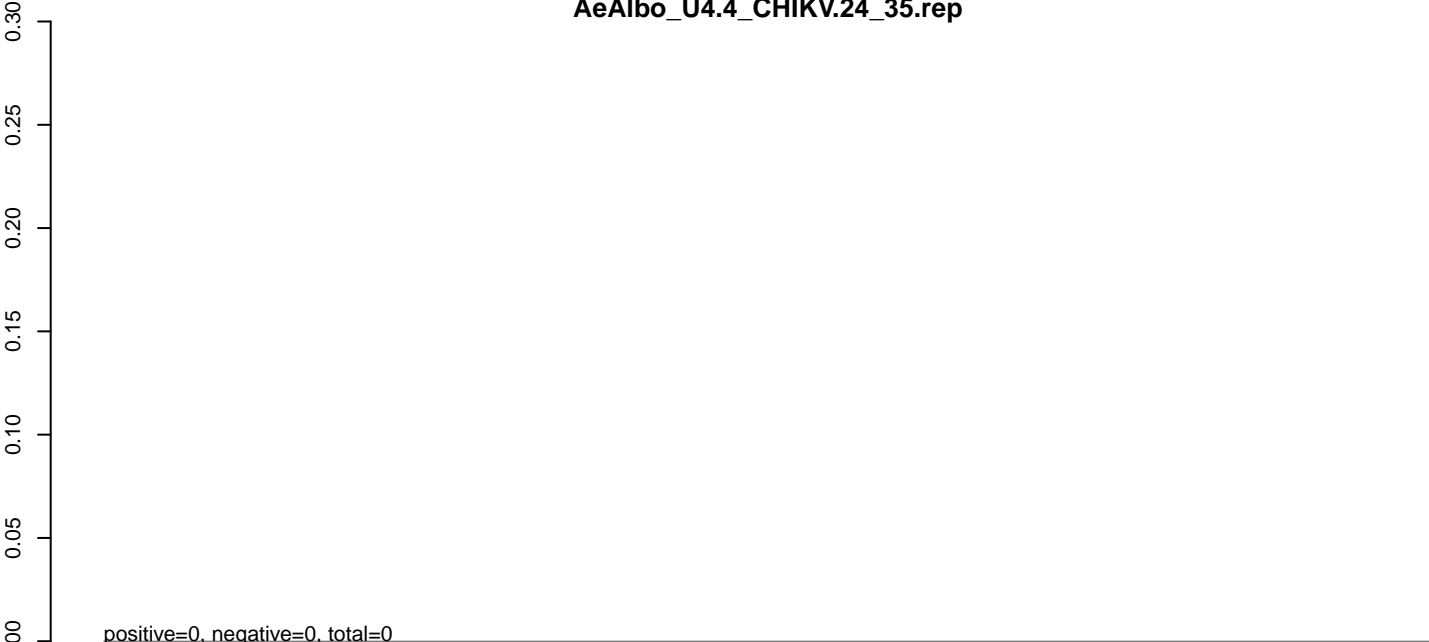
1-Kibale\_virus\_strain\_P05\_UG\_2008\_segment\_S\_plus\_segment\_M\_plus\_segment\_L\_nucleocaps:1-11322

0 2000 4000 6000 8000 10000

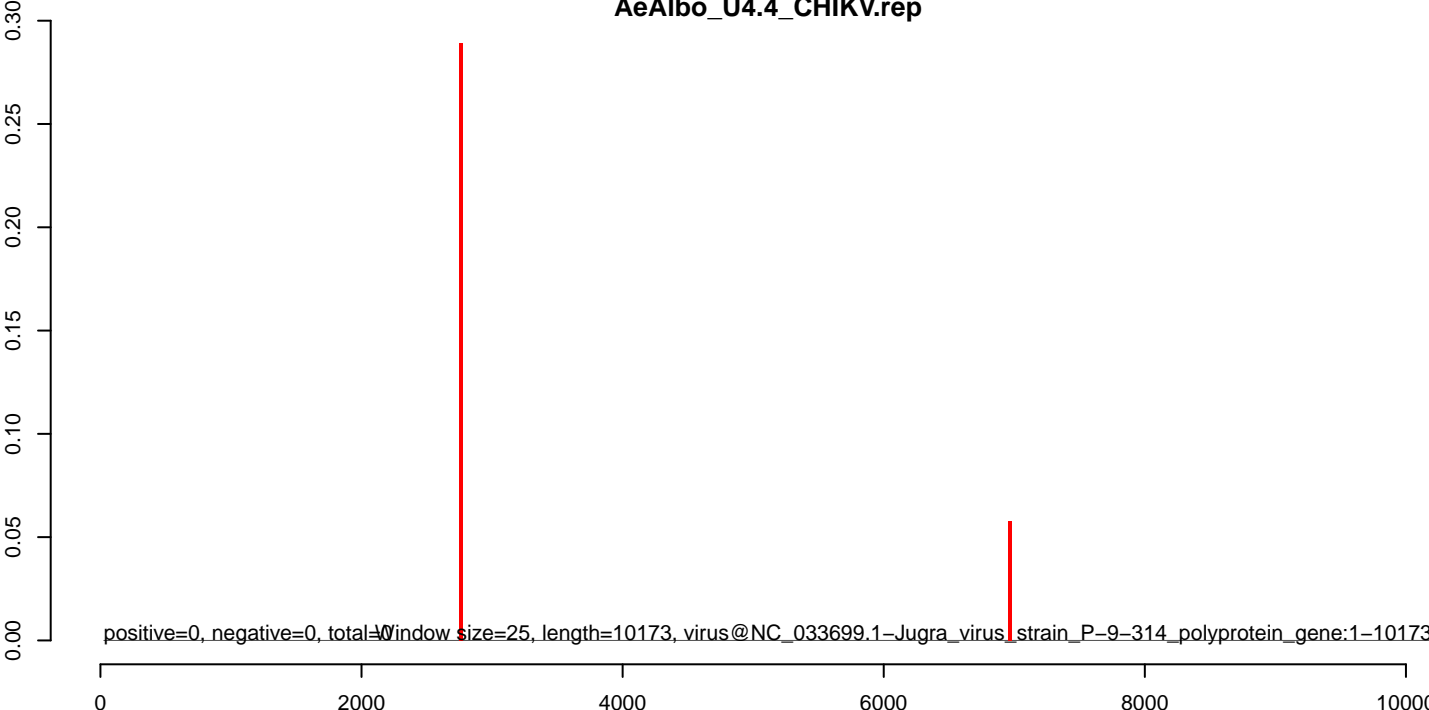
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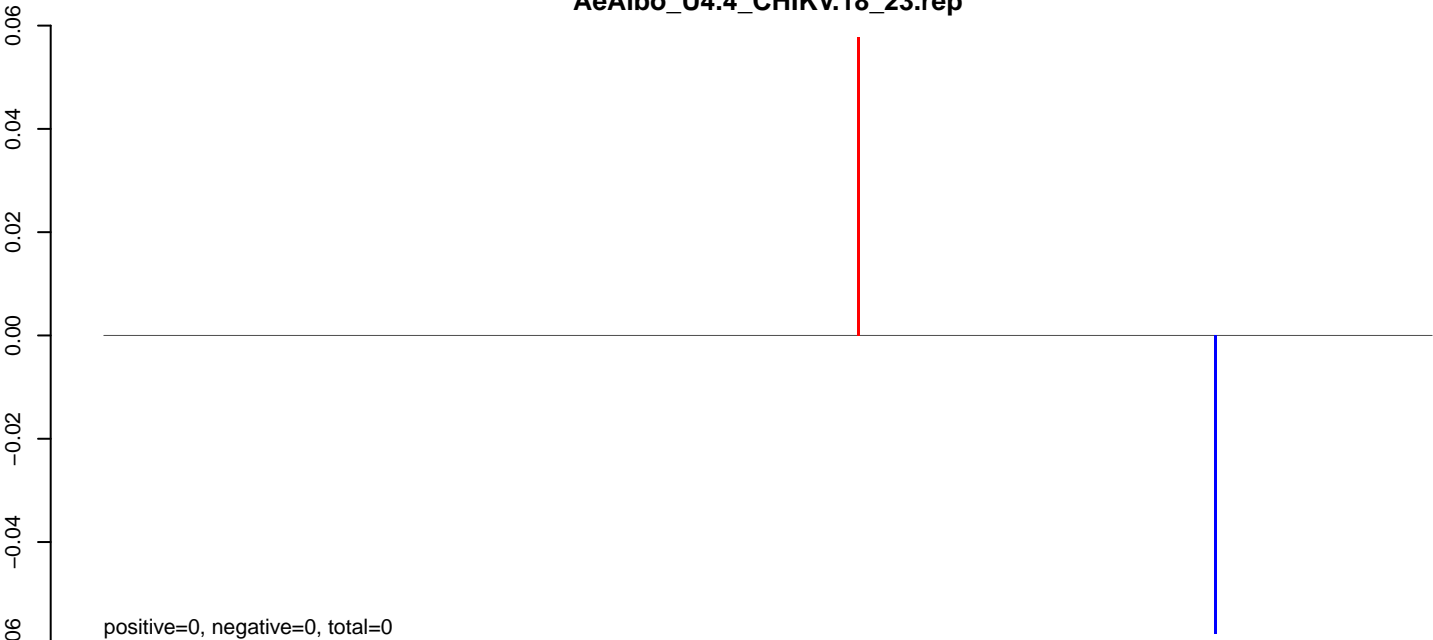
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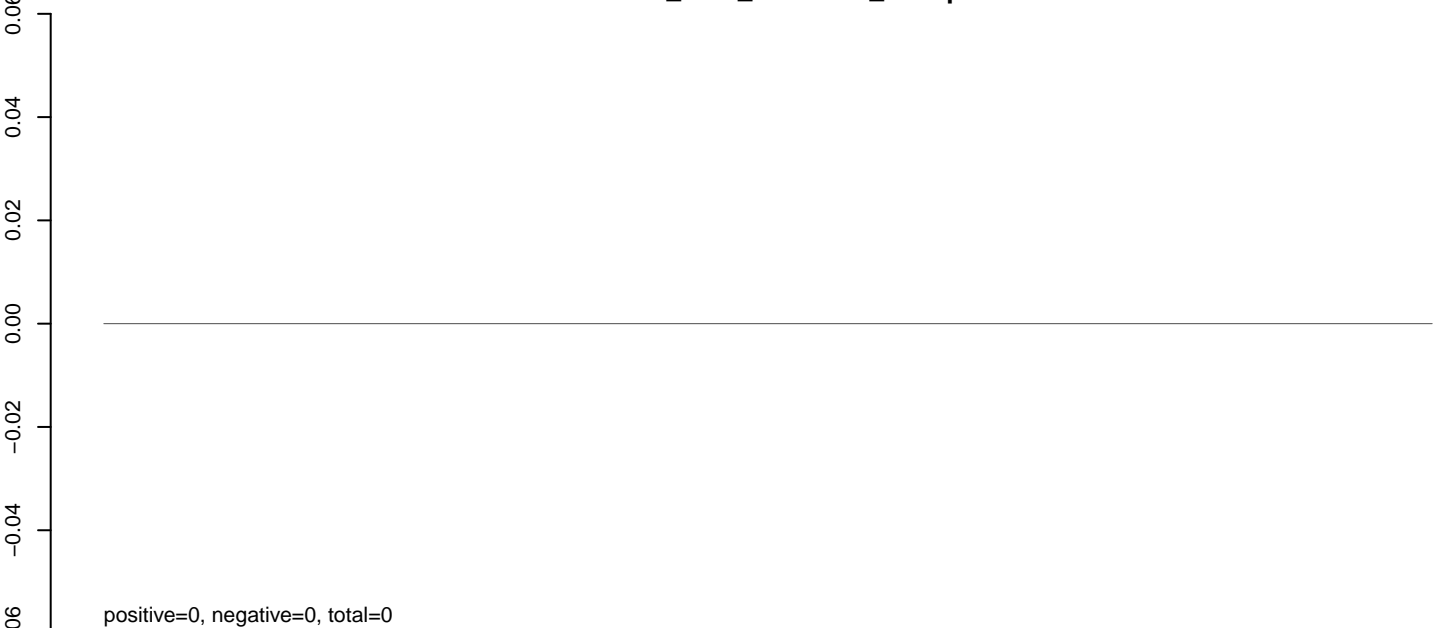
**AeAlbo\_U4.4\_CHIKV.rep**



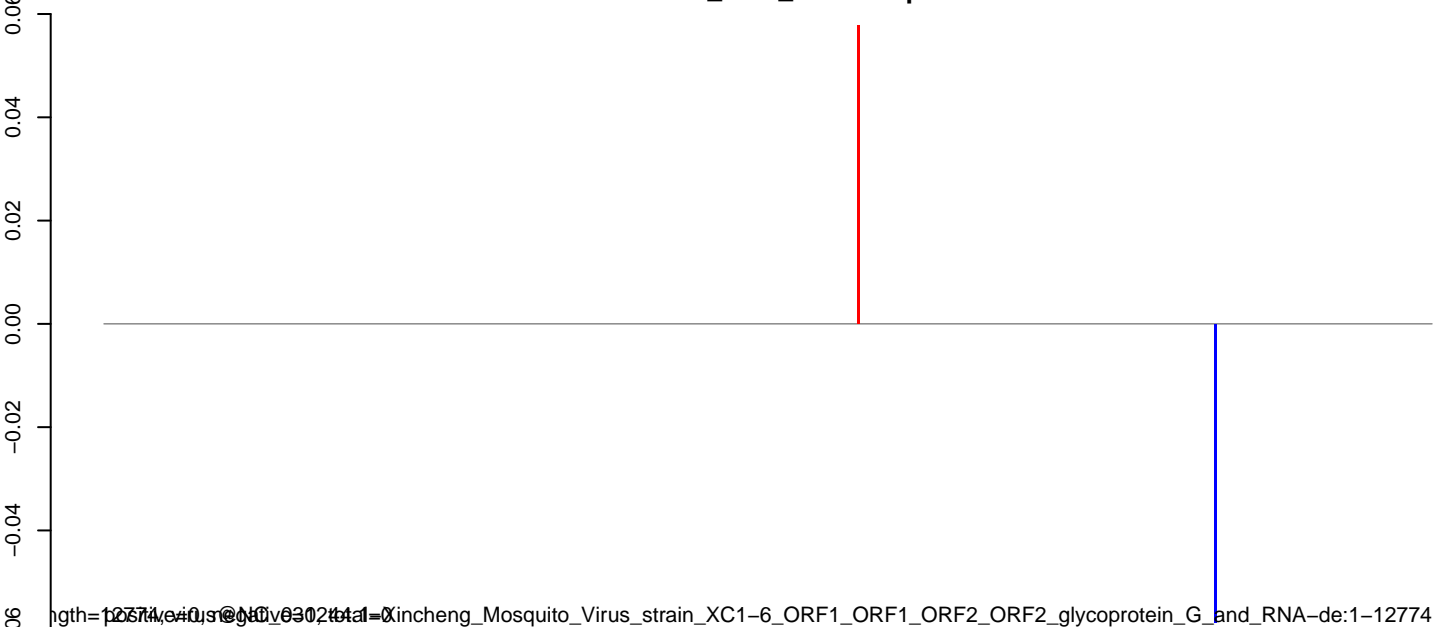
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

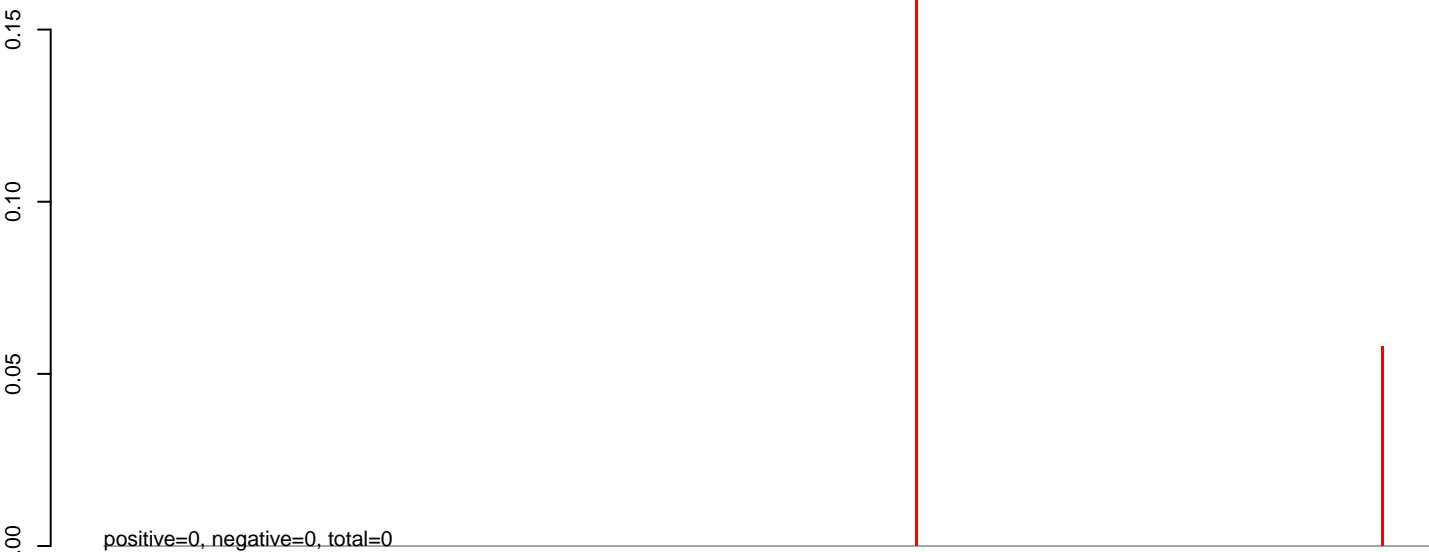


Xincheng\_Mosquito\_Virus\_strain\_XC1-6\_ORF1\_ORF1\_ORF2\_ORF2\_glycoprotein\_G\_and\_RNA-de:1-12774

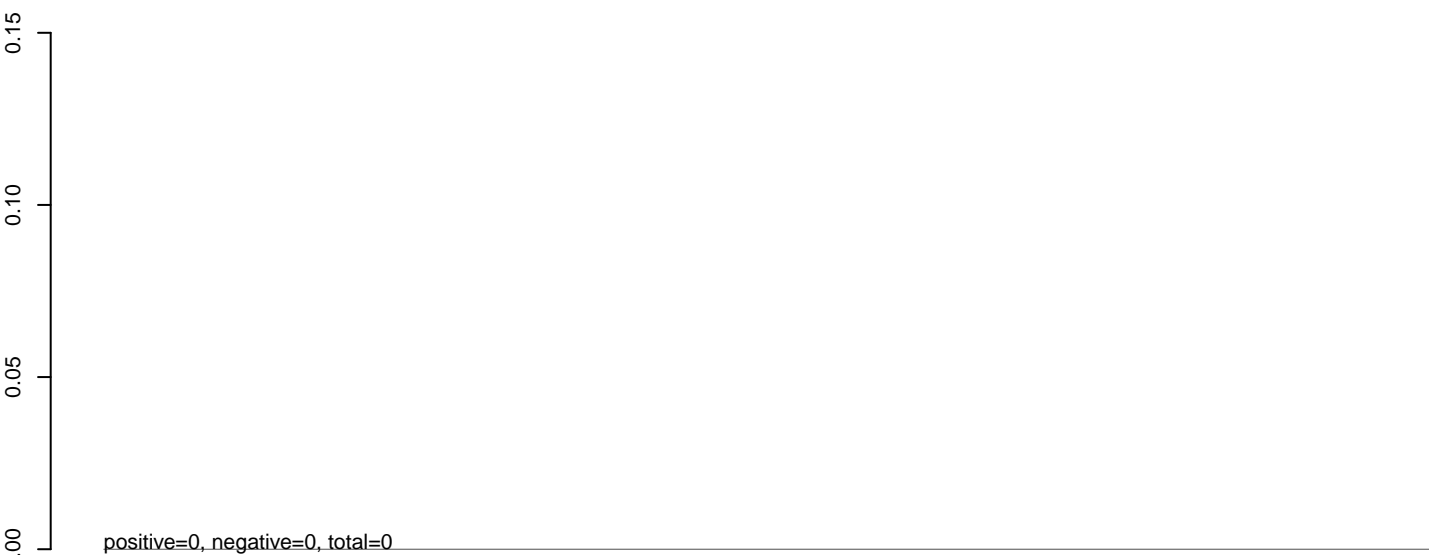
0 2000 4000 6000 8000 10000 12000



**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

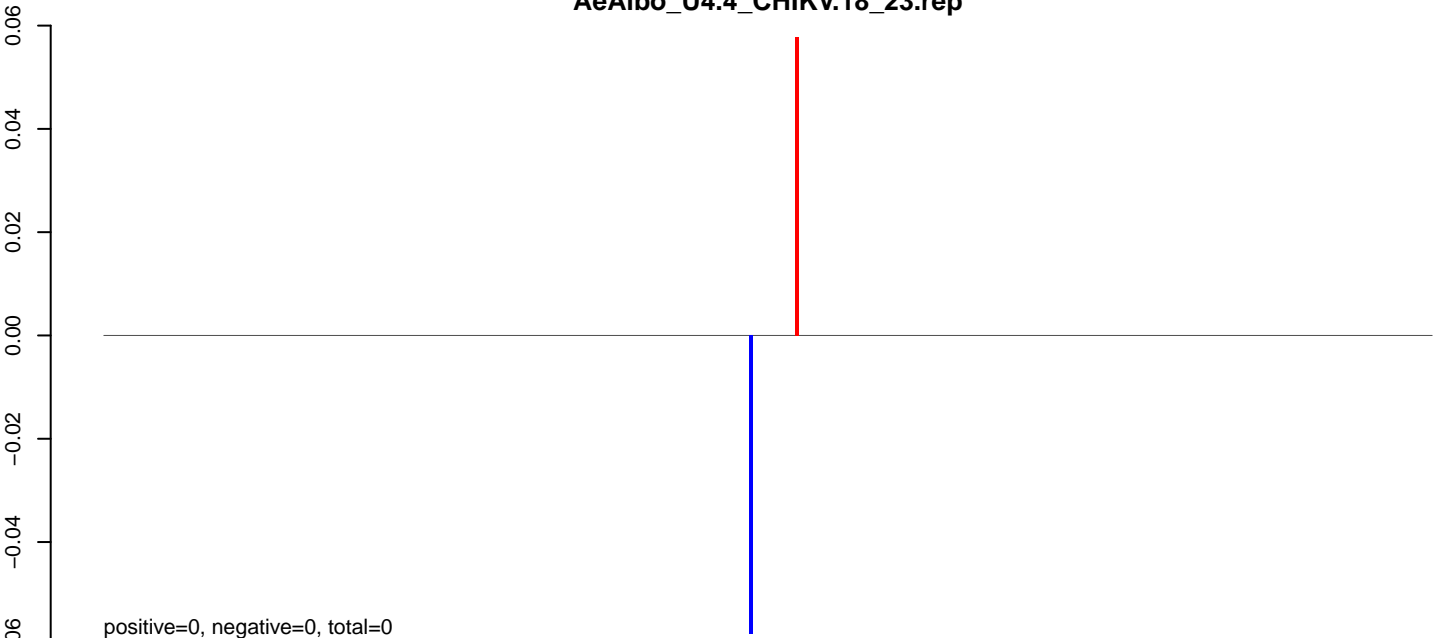


**AeAlbo\_U4.4\_CHIKV.rep**

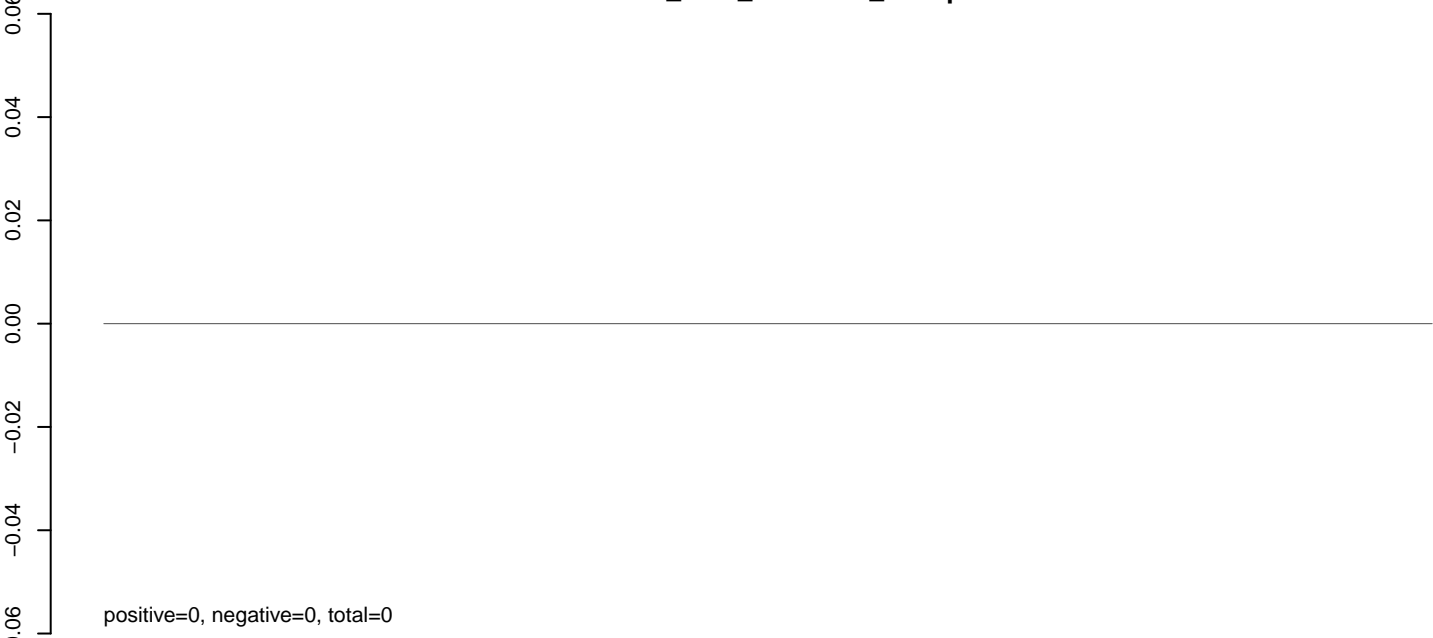


0 2000 4000 6000 8000 10000

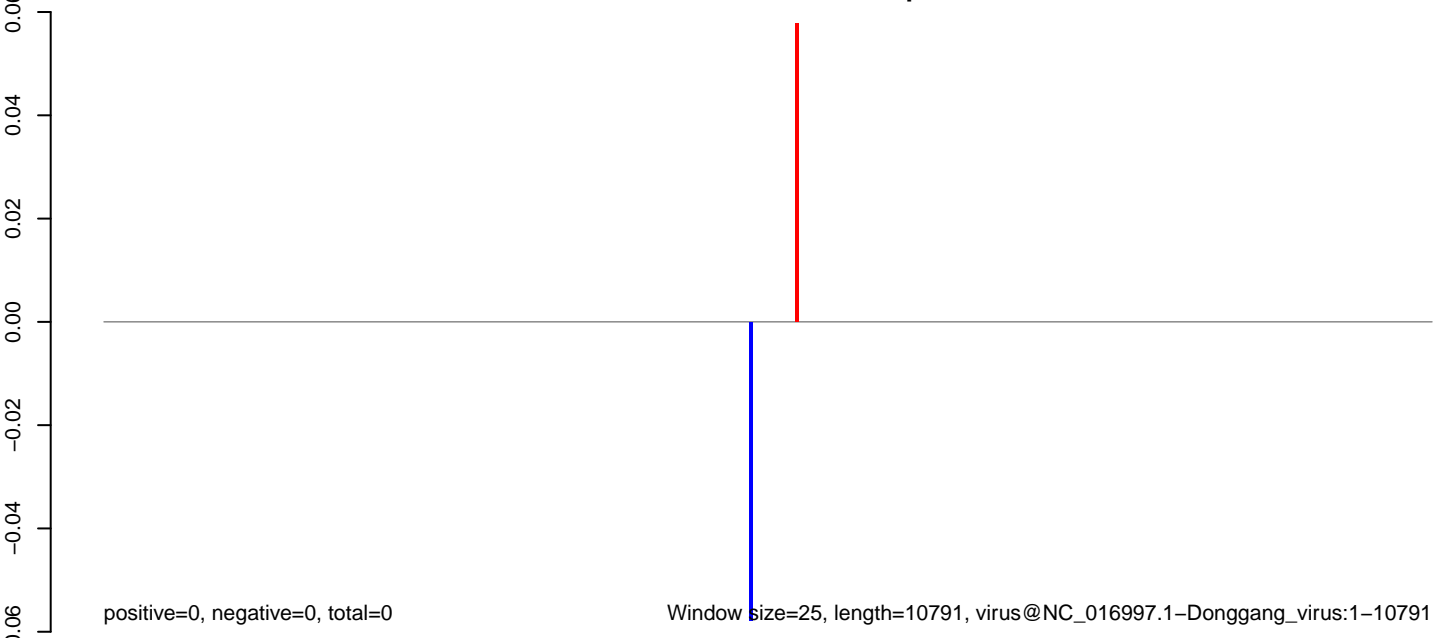
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

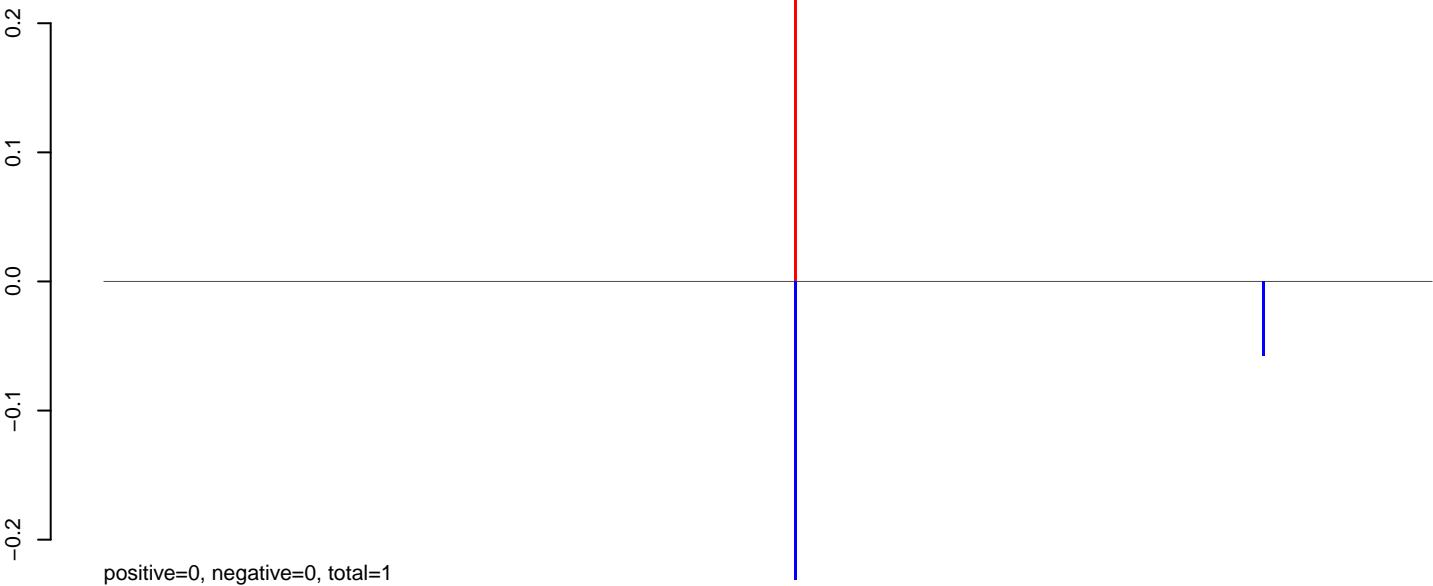


**AeAlbo\_U4.4\_CHIKV.rep**

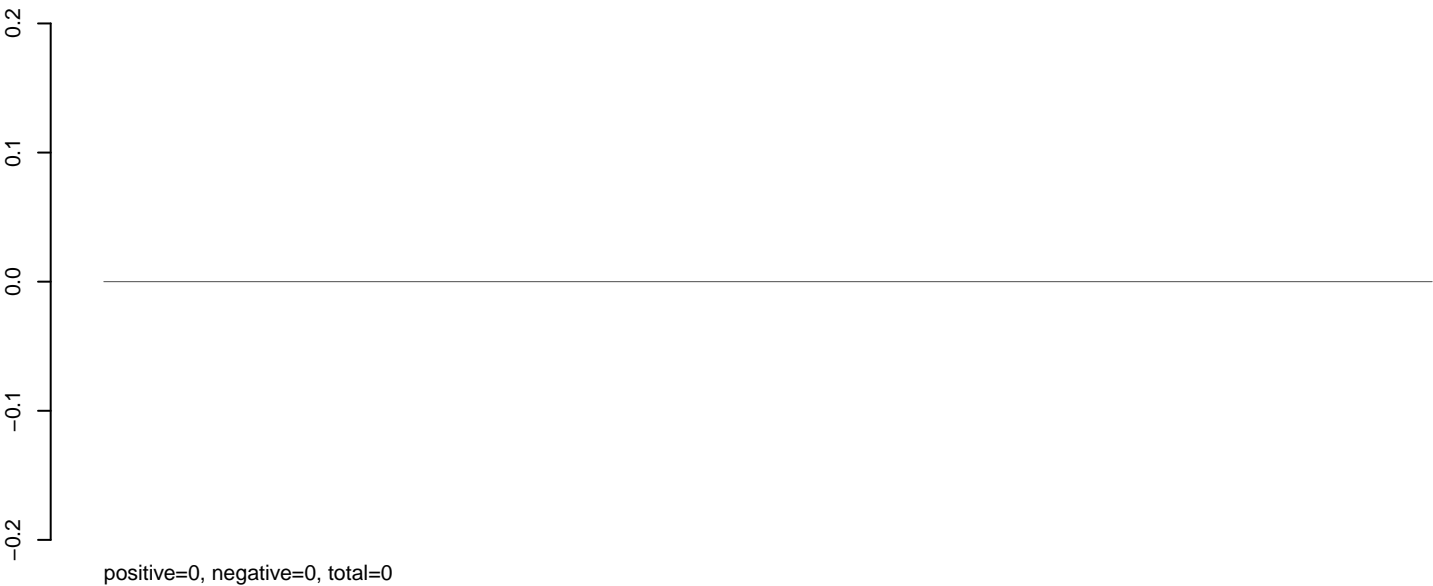


0 2000 4000 6000 8000 10000

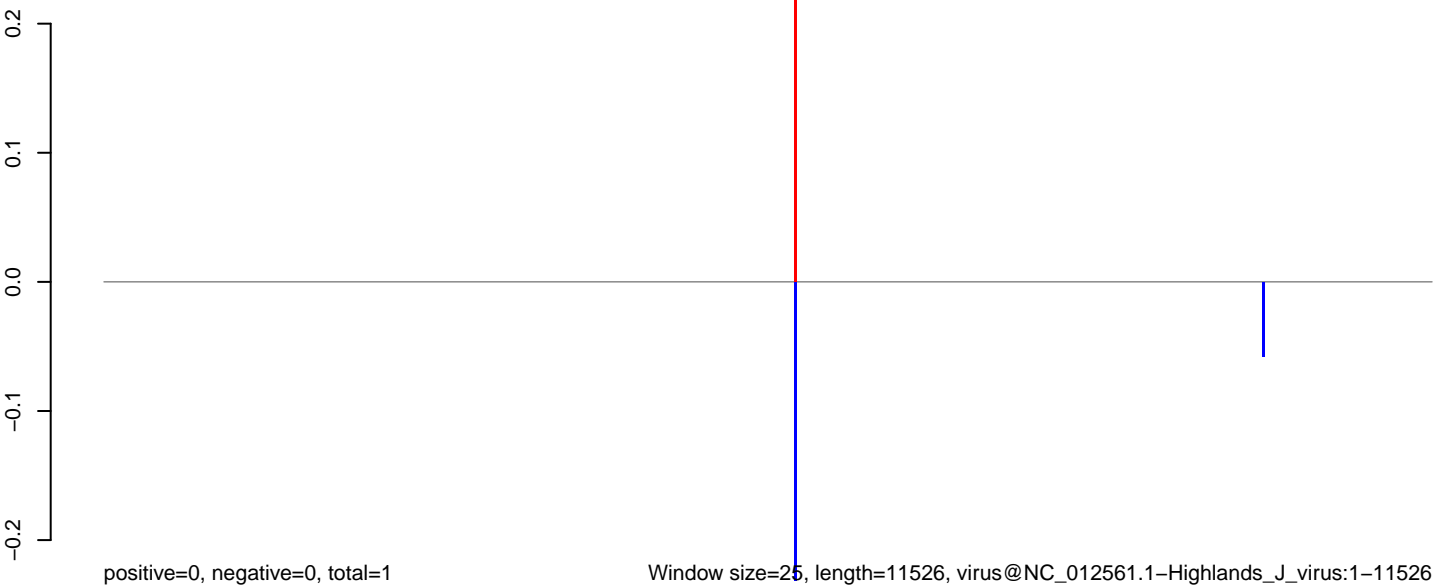
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



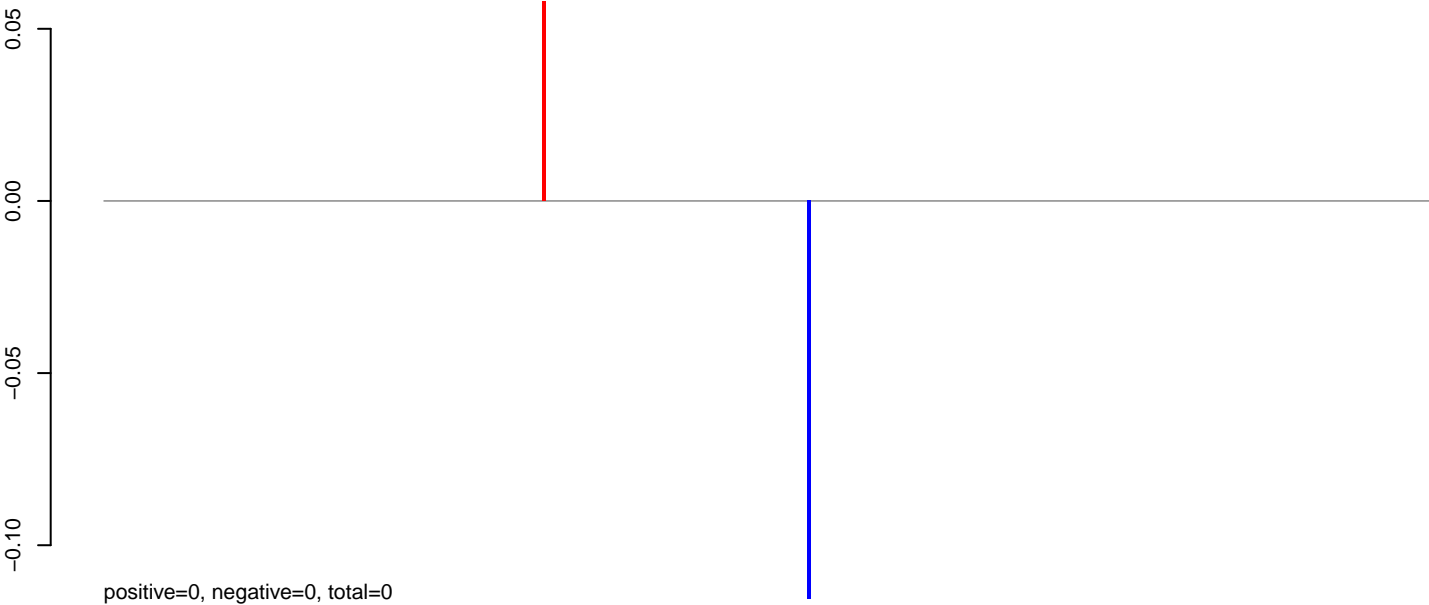
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



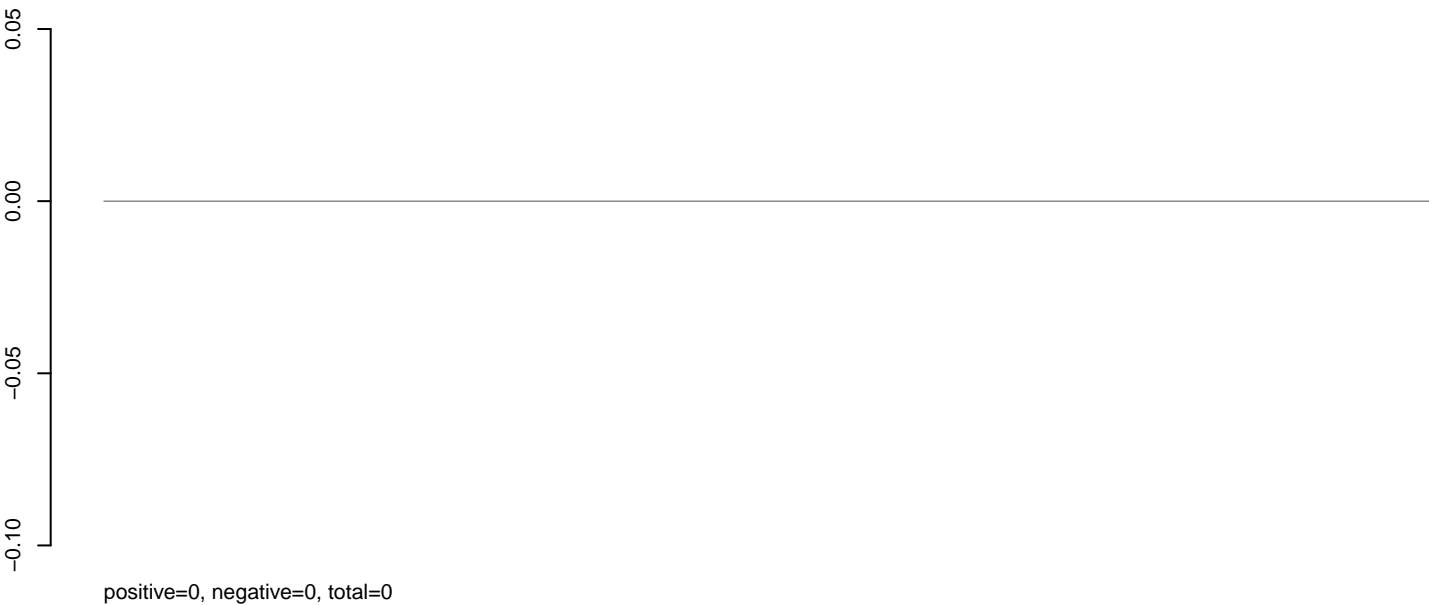
**AeAlbo\_U4.4\_CHIKV.rep**



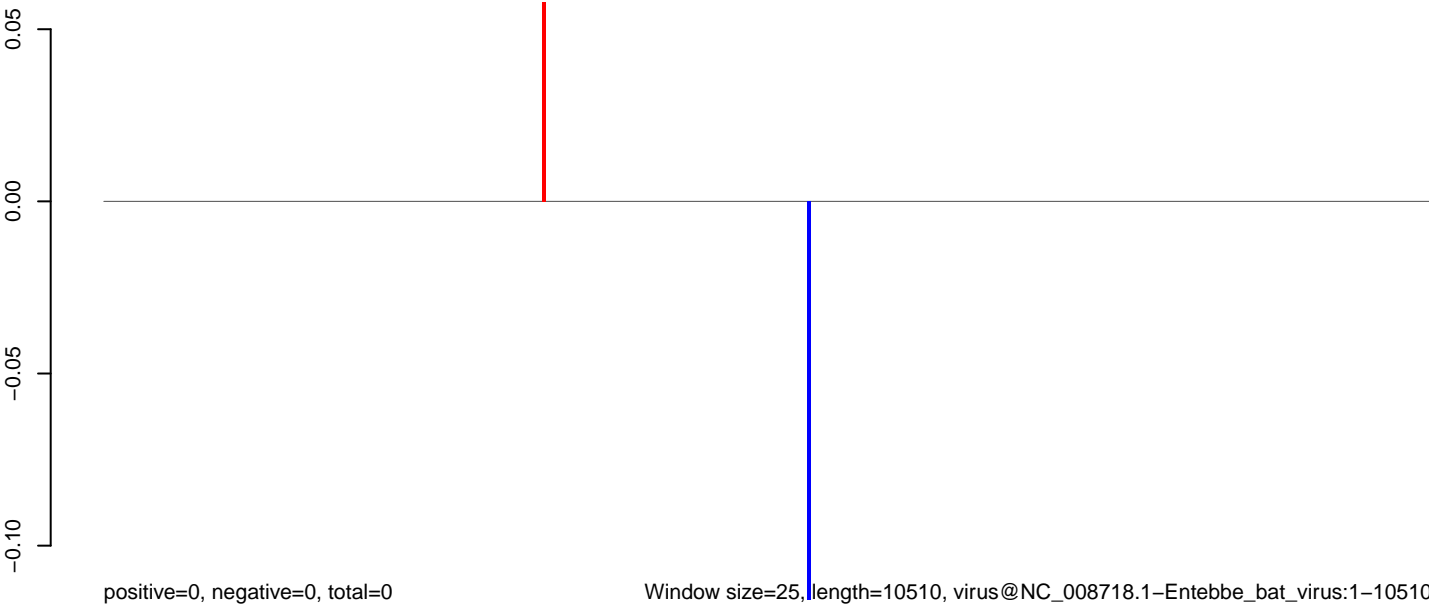
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

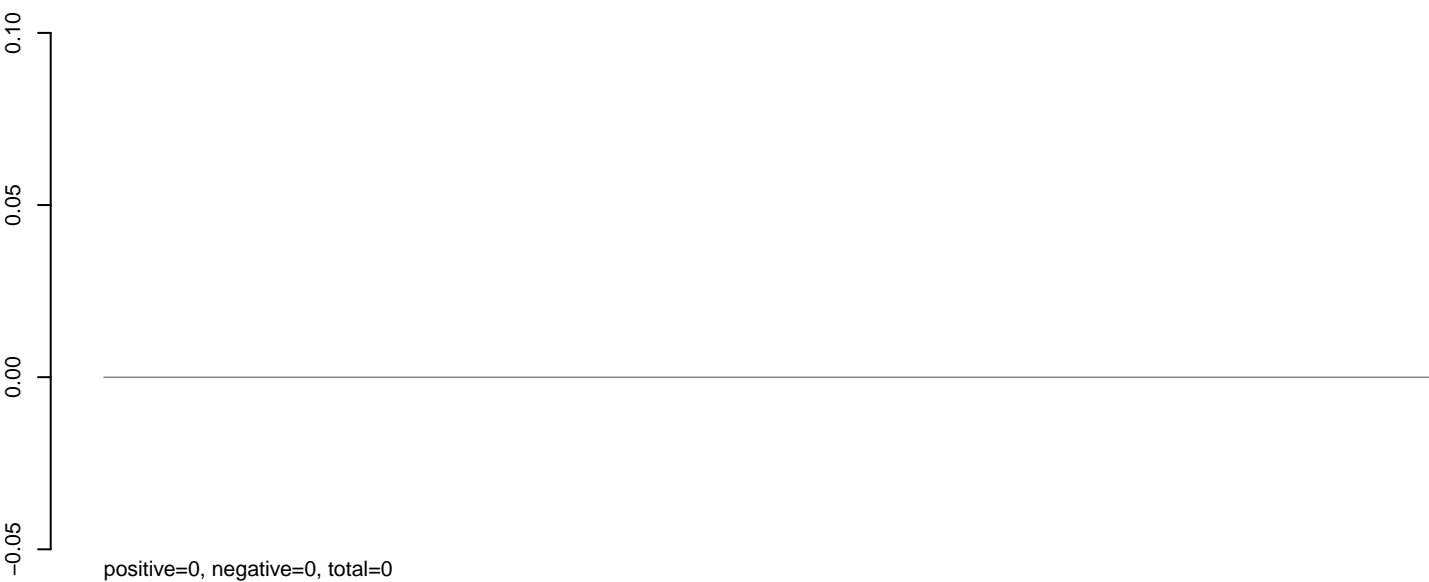


0 2000 4000 6000 8000 10000

**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

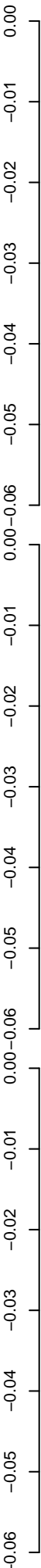


**AeAlbo\_U4.4\_CHIKV.rep**



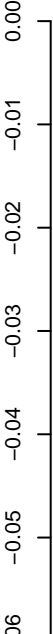
0 2000 4000 6000 8000 10000

AeAlbo\_U4.4\_CHIKV.18\_23.rep



positive=0, negative=0, total=0

AeAlbo\_U4.4\_CHIKV.24\_35.rep



positive=0, negative=0, total=0

AeAlbo\_U4.4\_CHIKV.rep

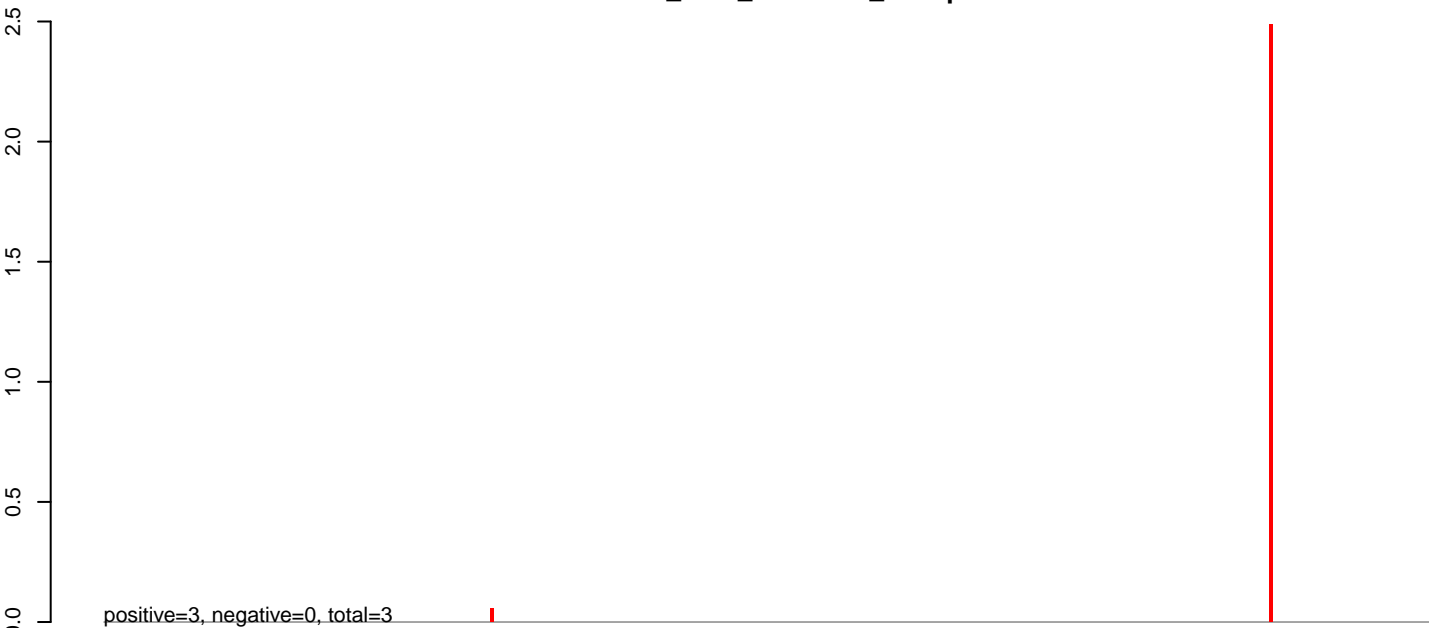


positive=0, negative=0, total=0

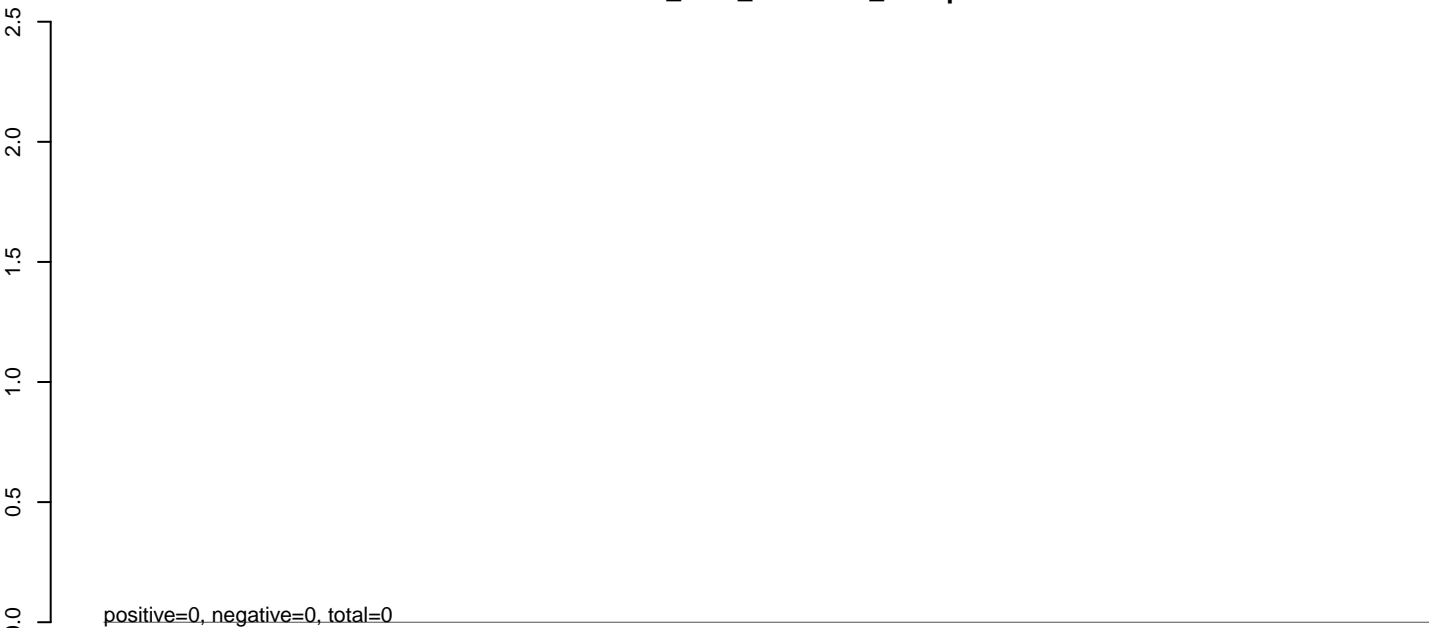
Window size=25, length=11375, virus@NC\_005064.1-Kamiti\_River\_virus:1-11375



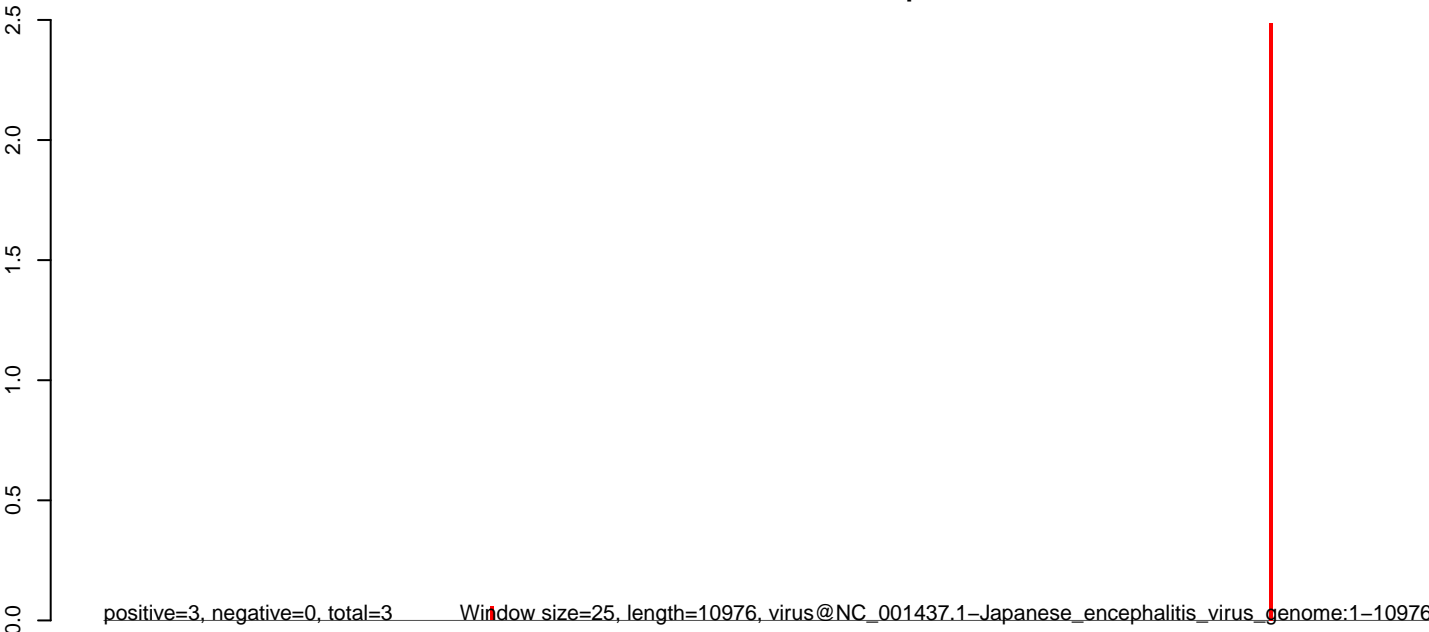
AeAlbo\_U4.4\_CHIKV.18\_23.rep



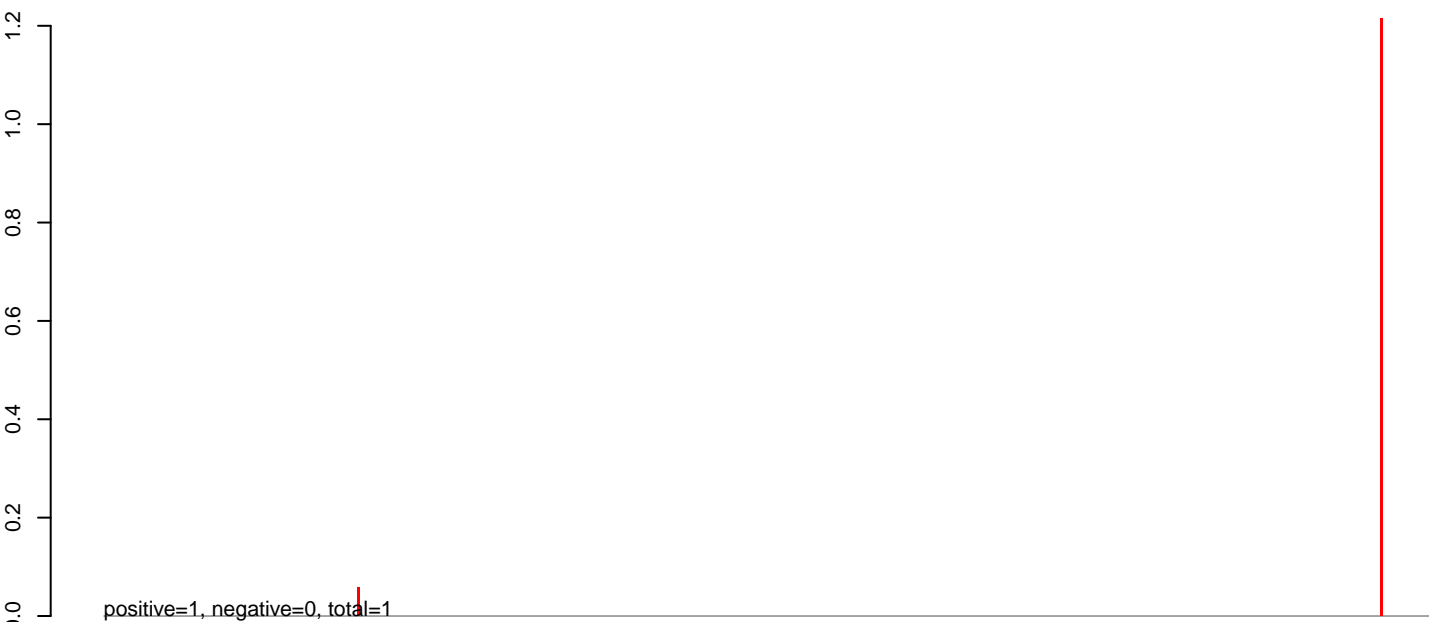
AeAlbo\_U4.4\_CHIKV.24\_35.rep



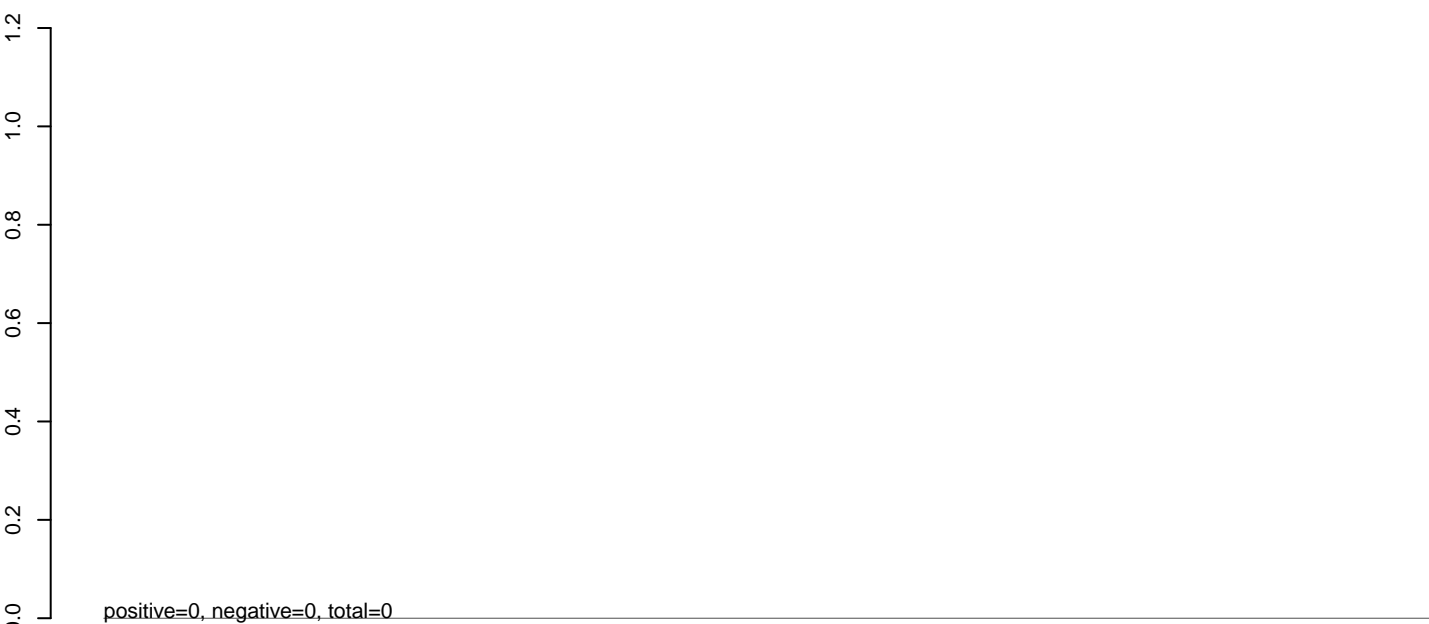
AeAlbo\_U4.4\_CHIKV.rep



AeAlbo\_U4.4\_CHIKV.18\_23.rep



AeAlbo\_U4.4\_CHIKV.24\_35.rep

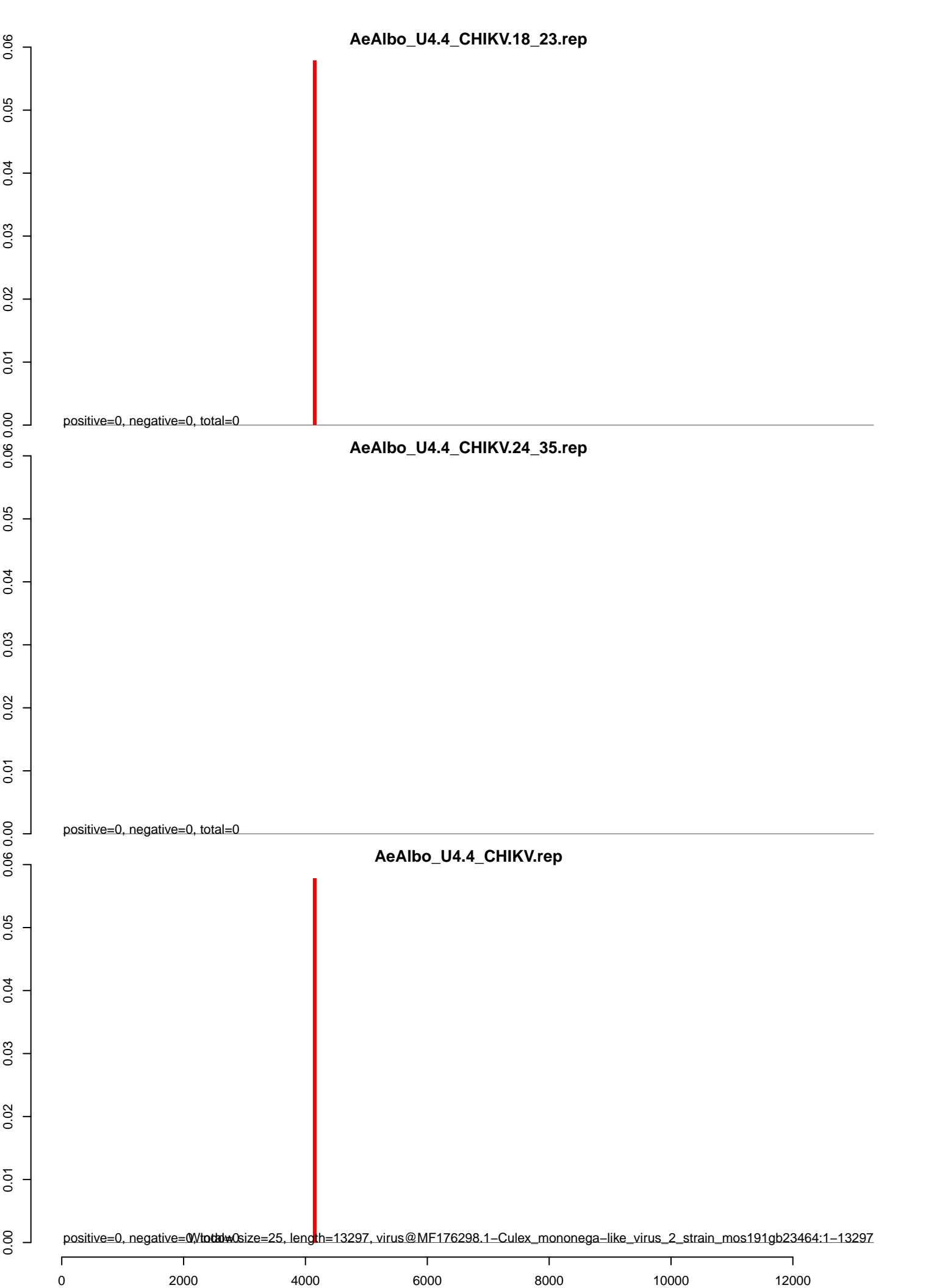


AeAlbo\_U4.4\_CHIKV.rep

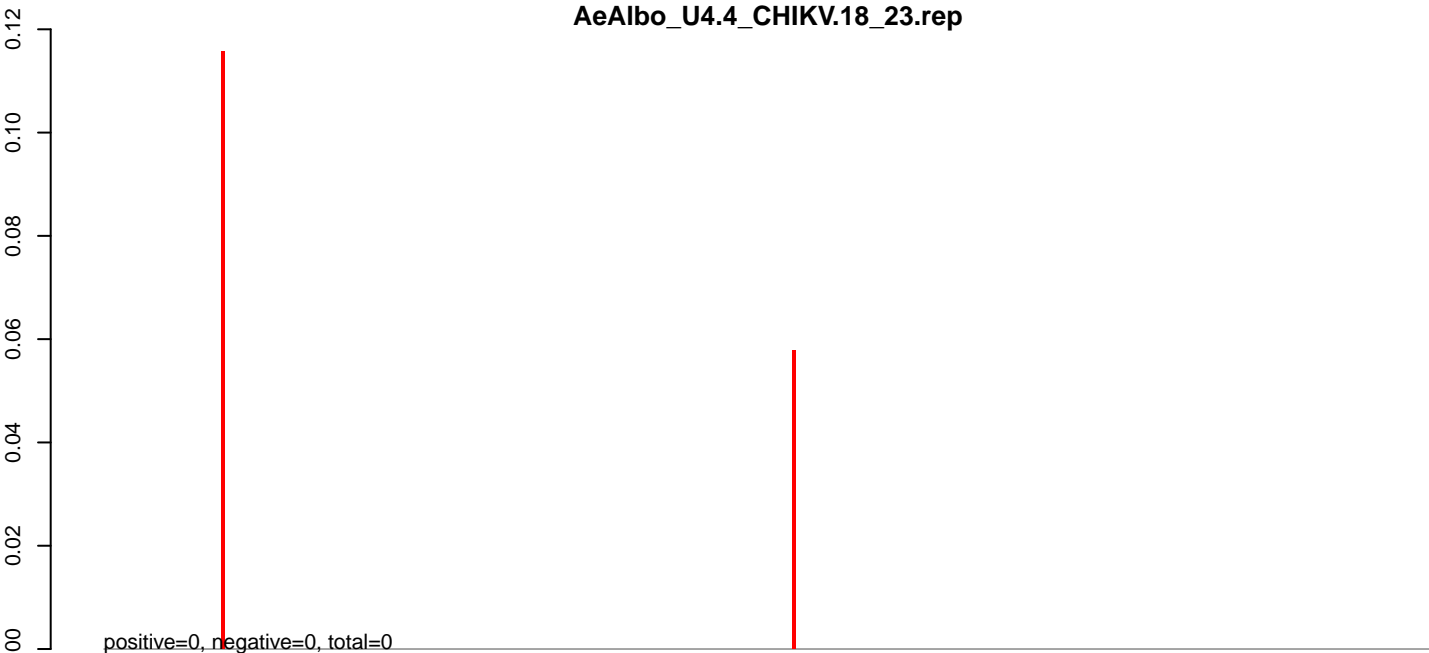


Window size=25, length=12195, virus@MG747536.1\_Oropouche\_virus\_isolate\_BeAr\_136921\_segment\_S\_M\_L :1-12195

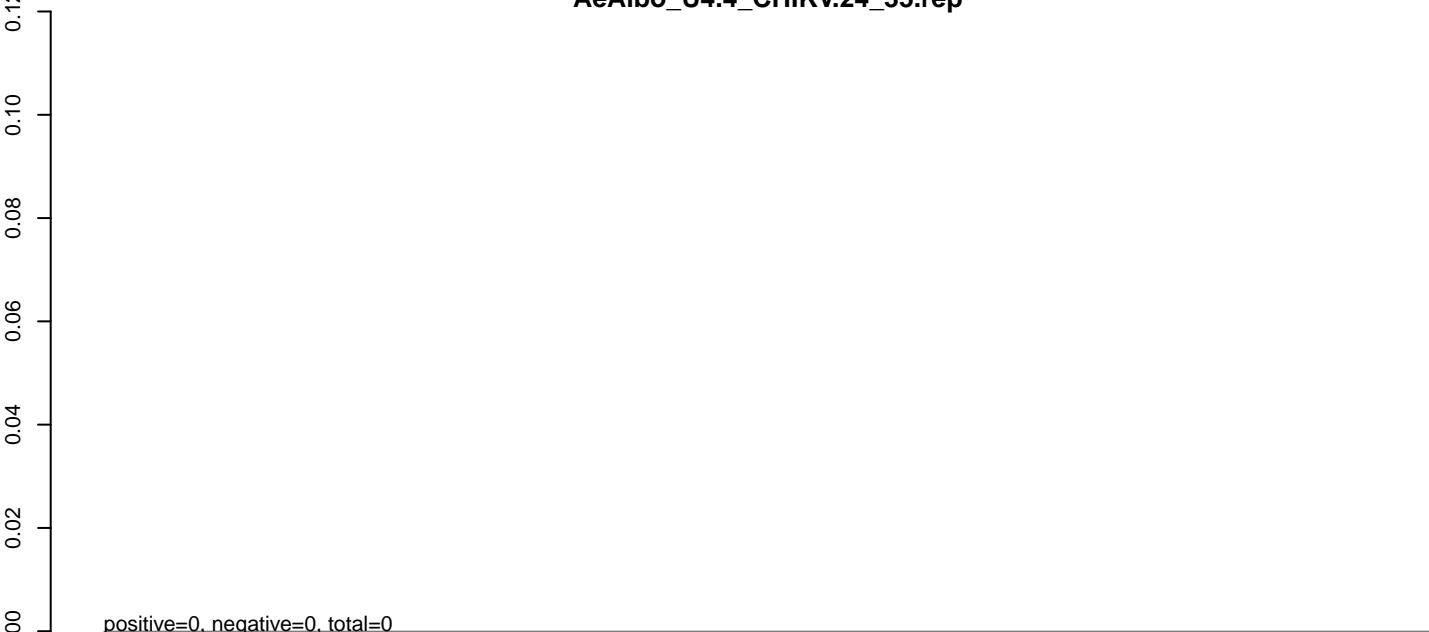




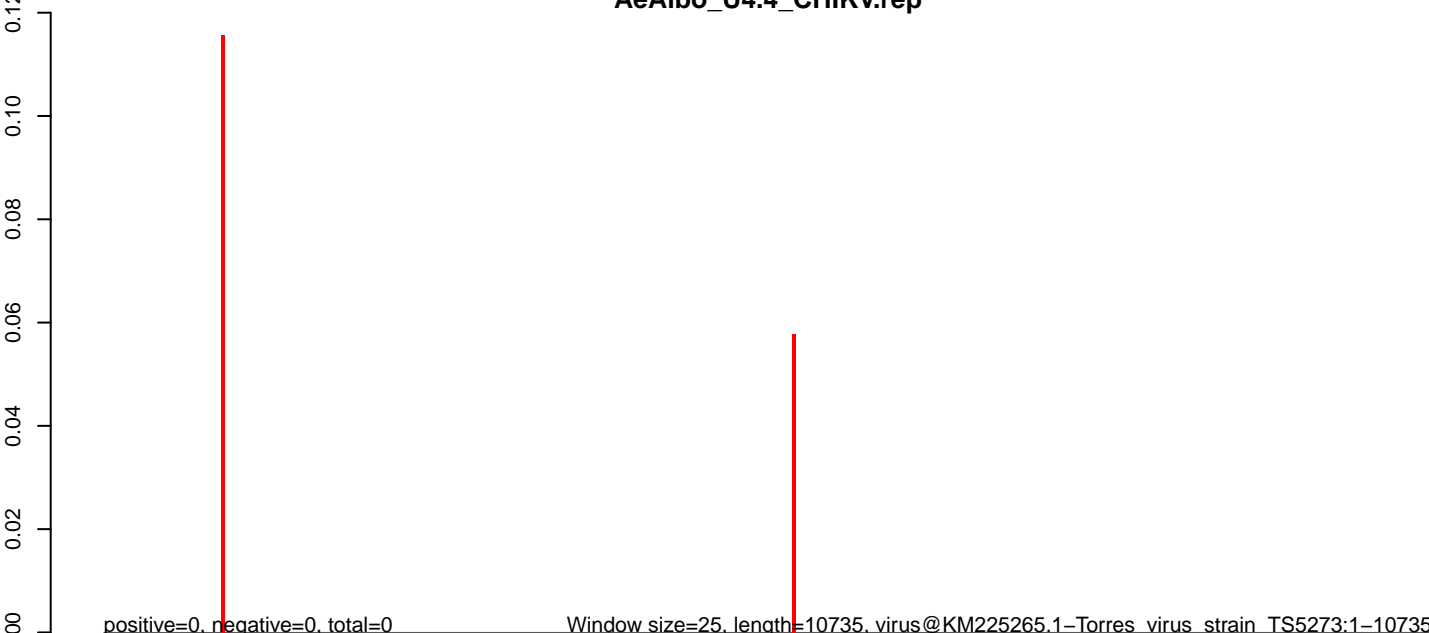
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

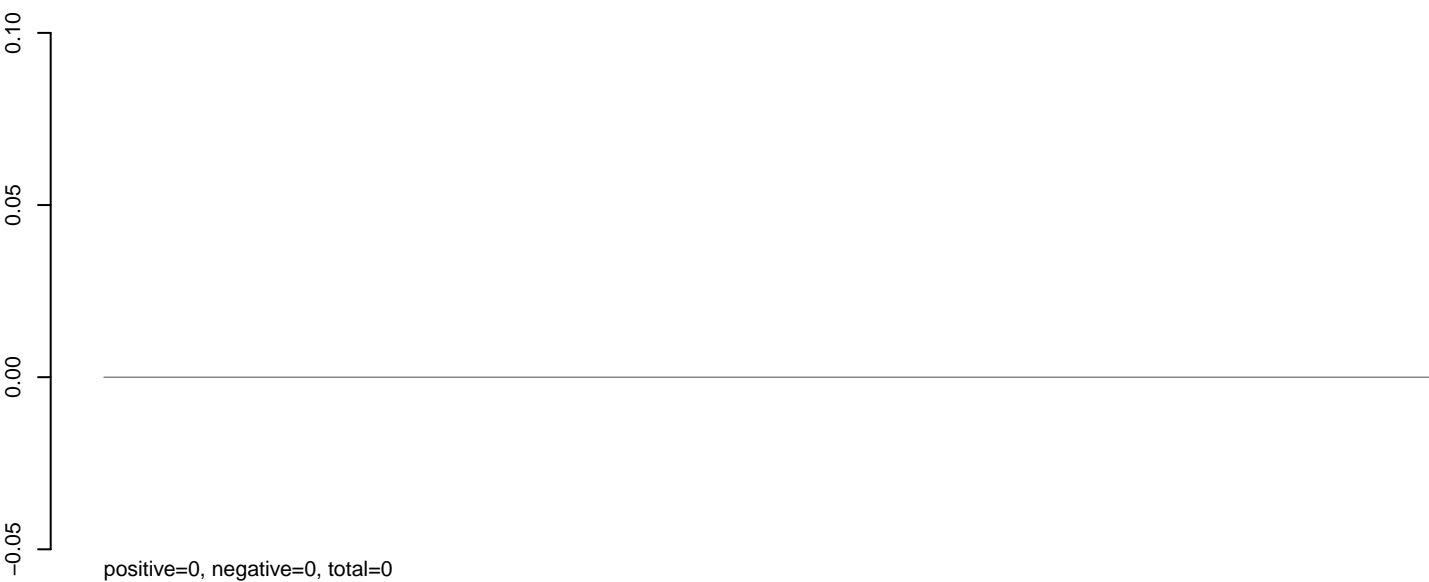


0 2000 4000 6000 8000 10000

**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

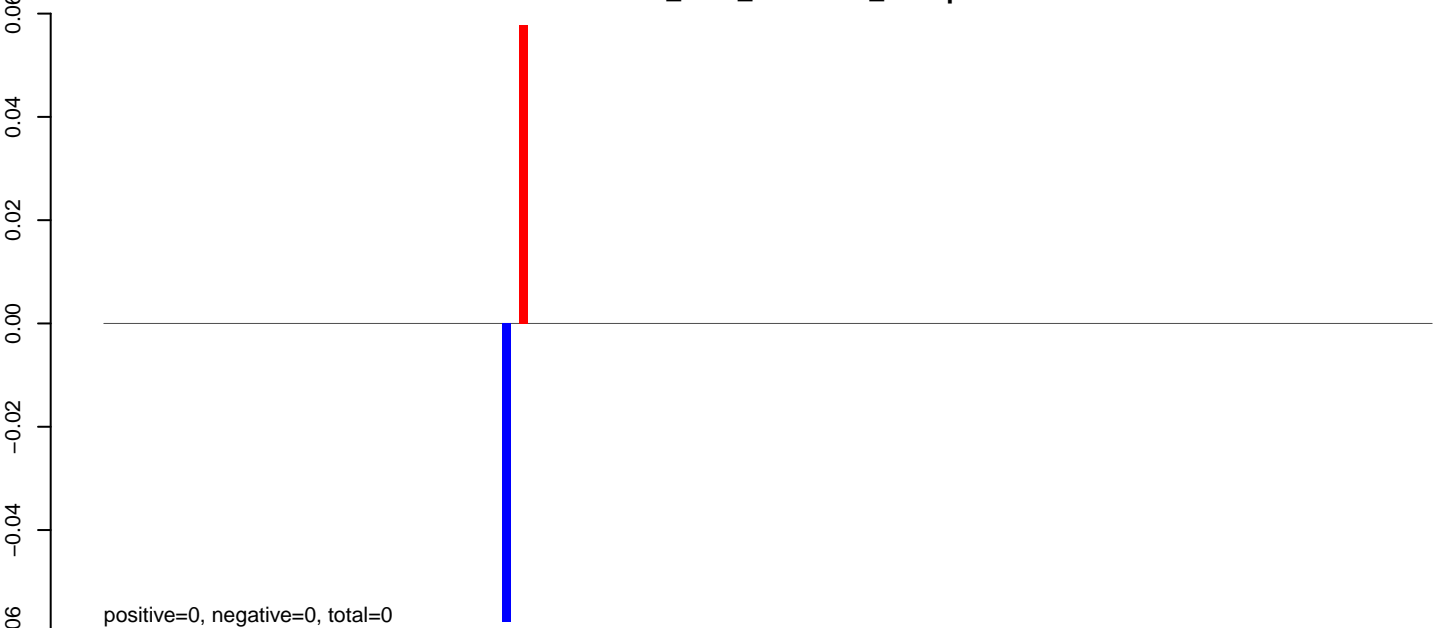


**AeAlbo\_U4.4\_CHIKV.rep**

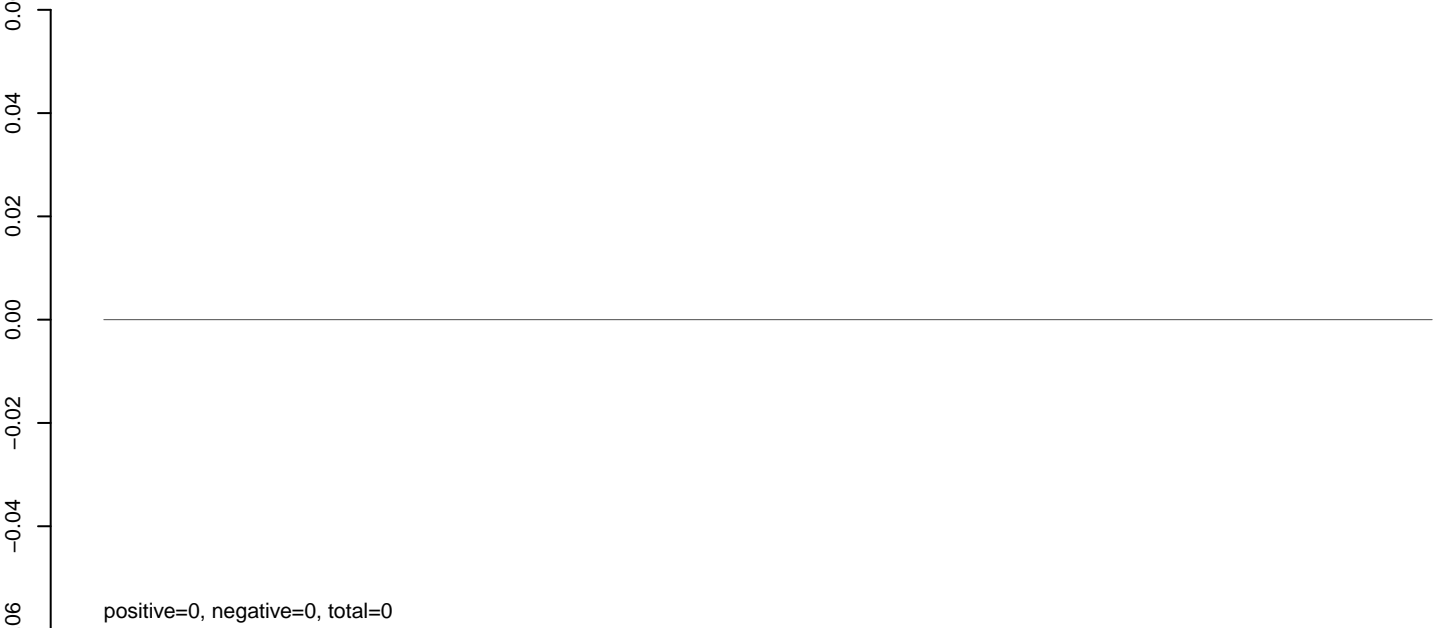


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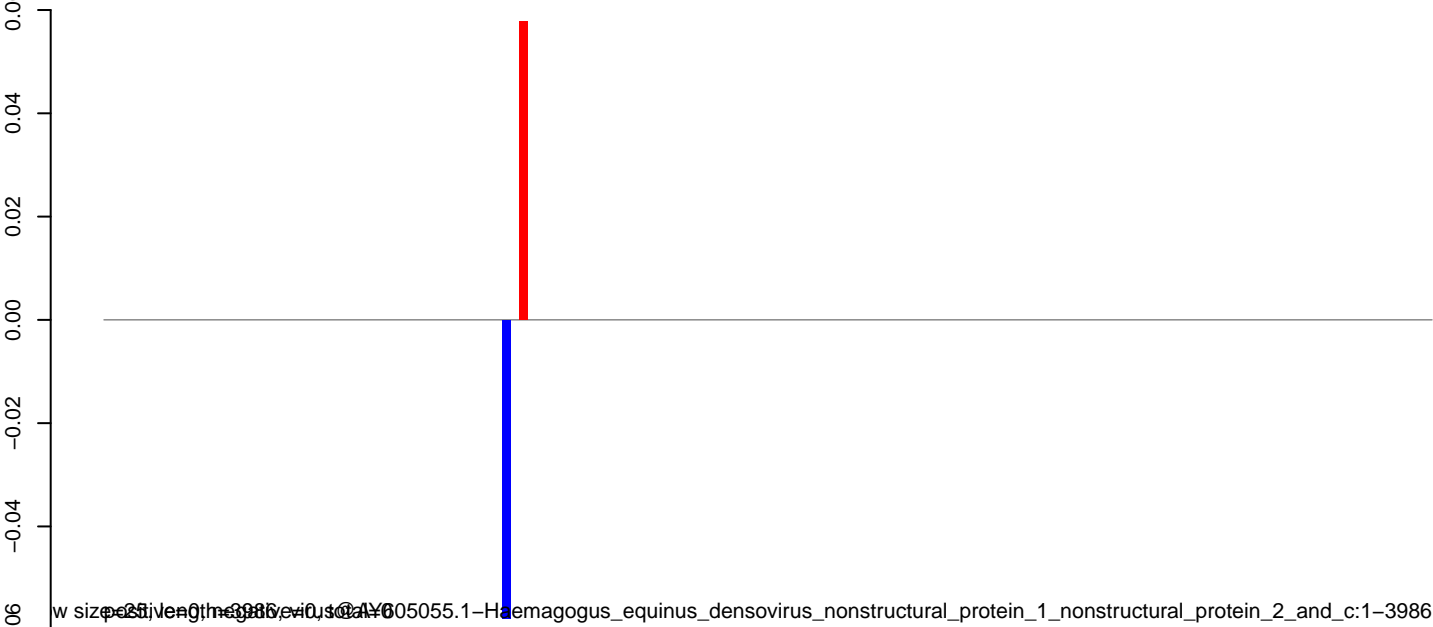
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



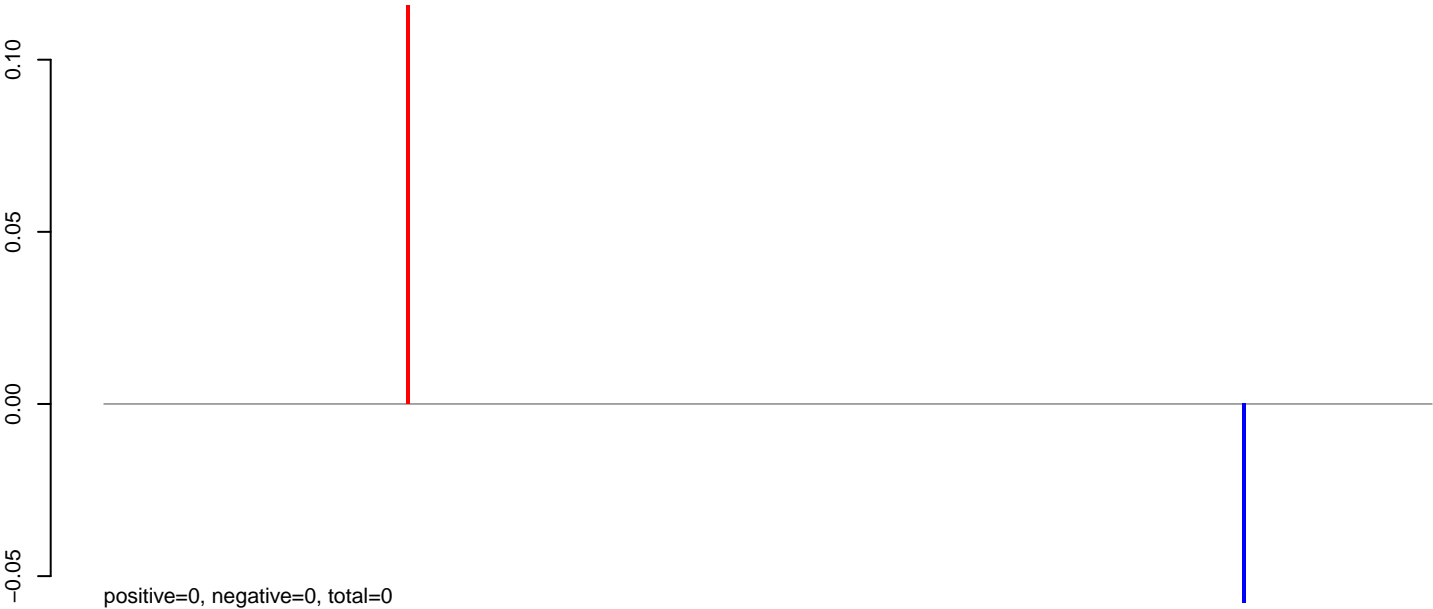
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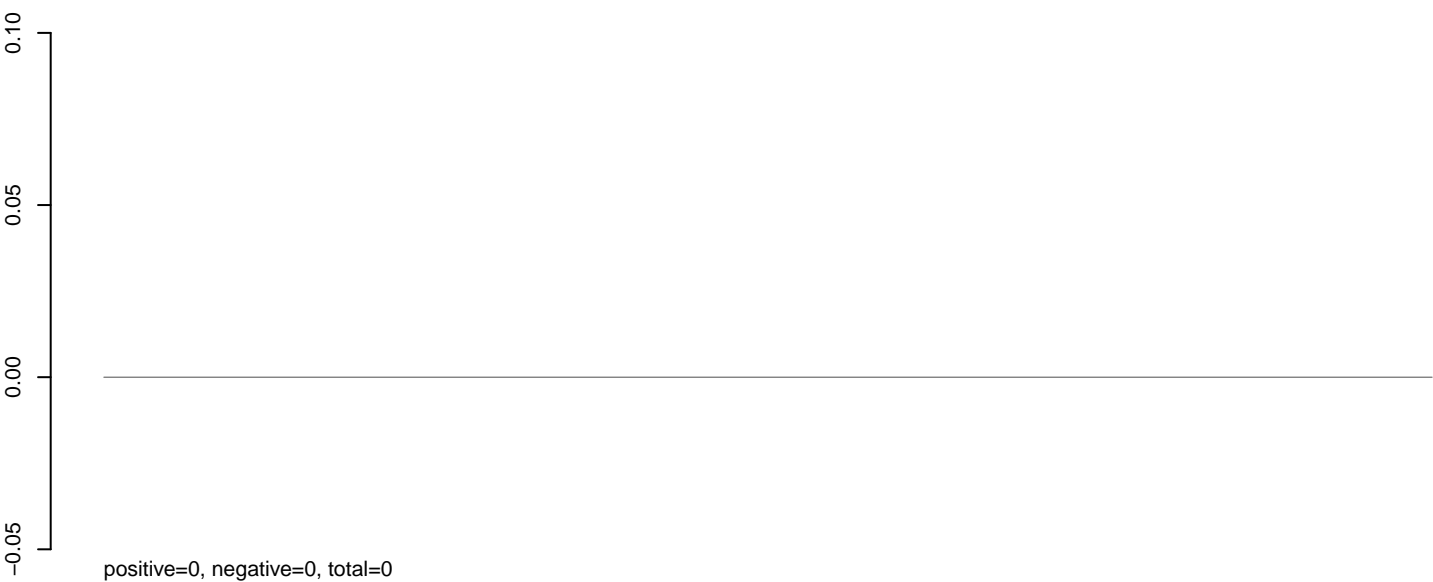
**AeAlbo\_U4.4\_CHIKV.rep**



**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

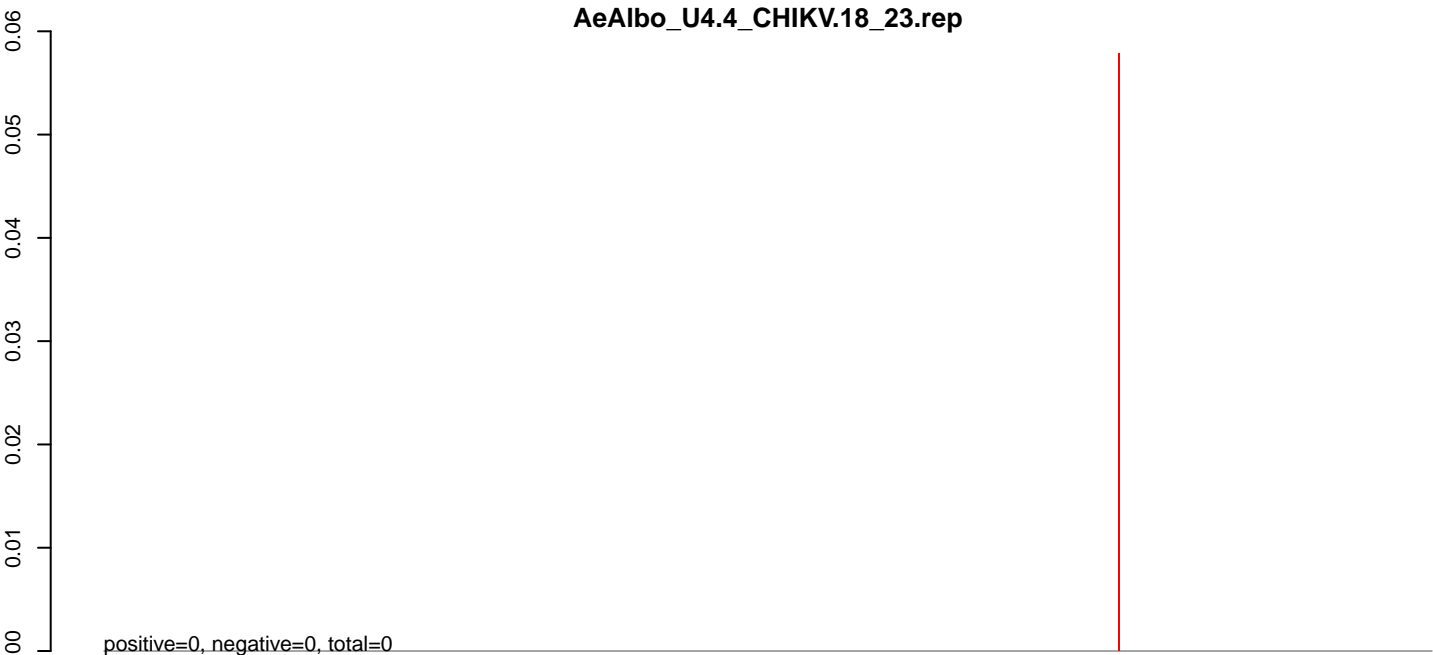


**AeAlbo\_U4.4\_CHIKV.rep**

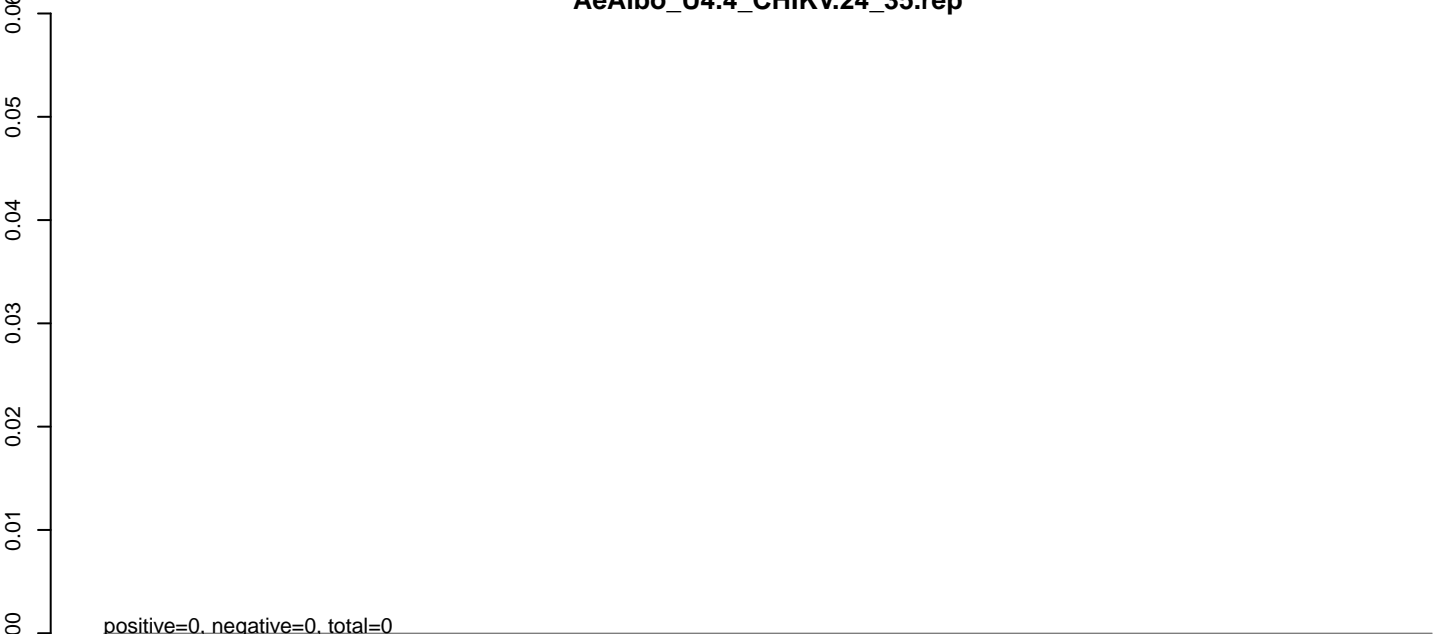


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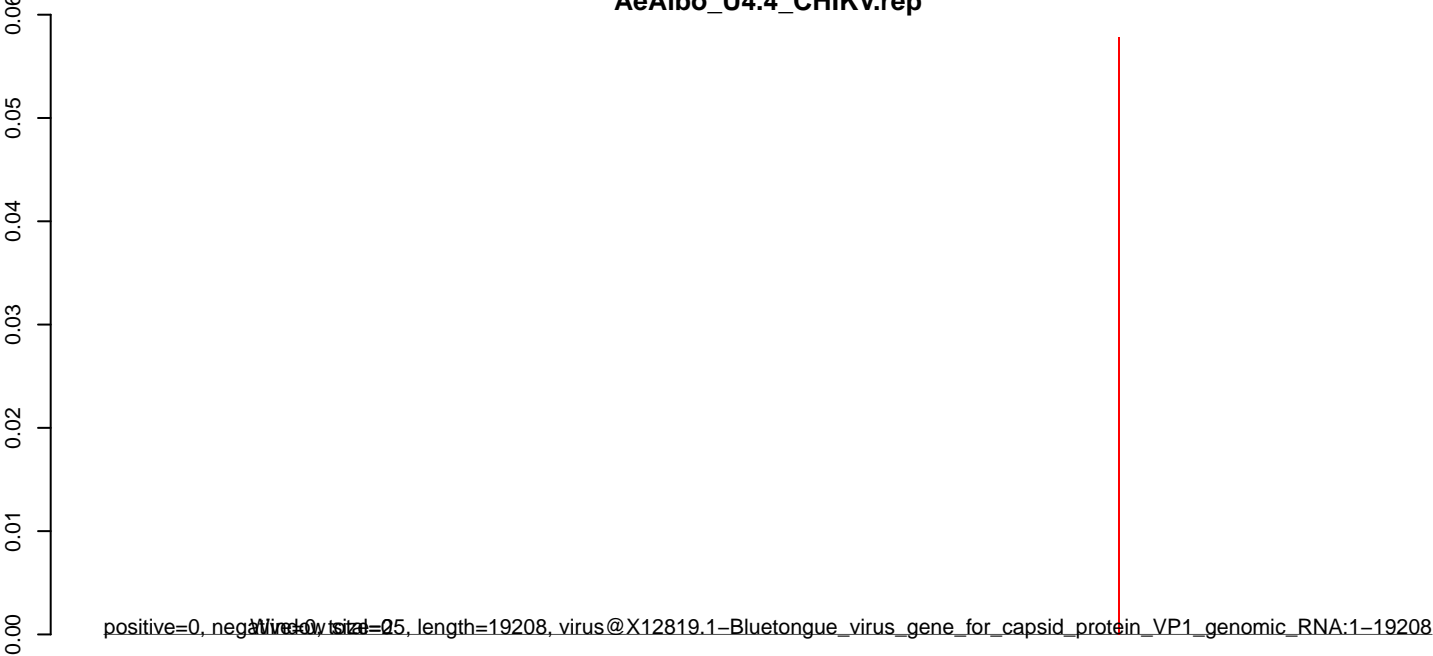
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

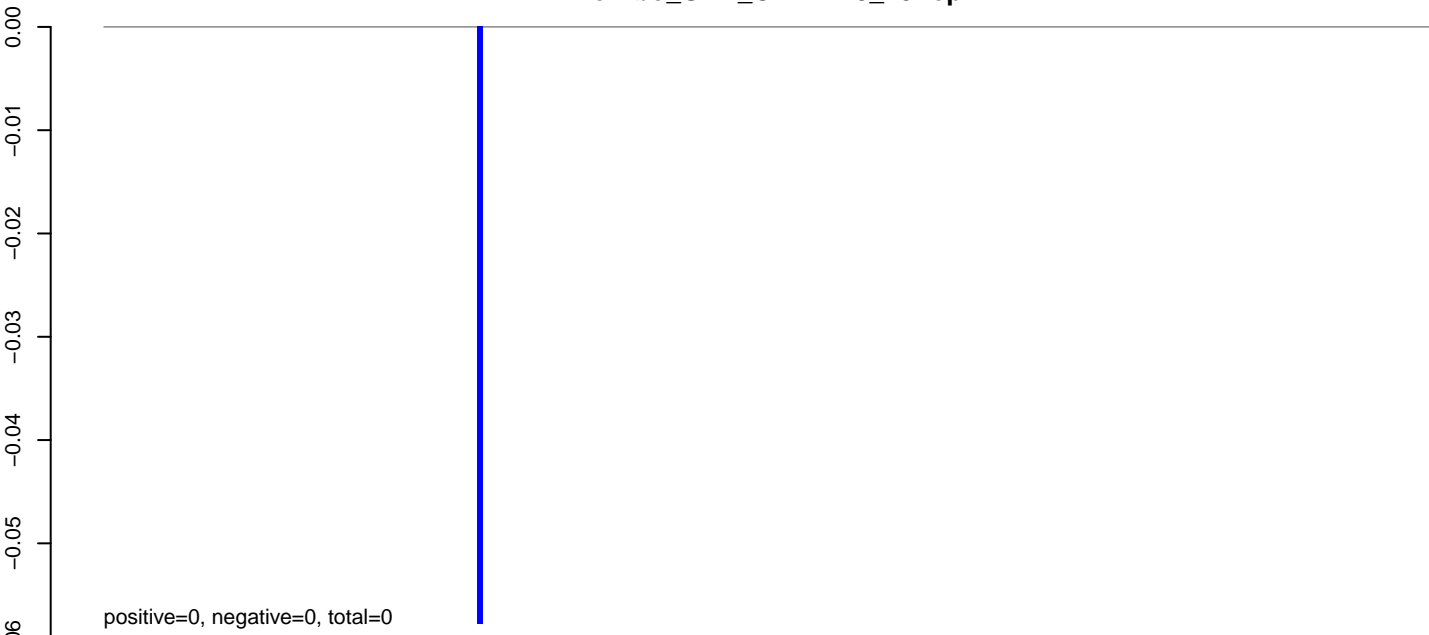


**AeAlbo\_U4.4\_CHIKV.rep**

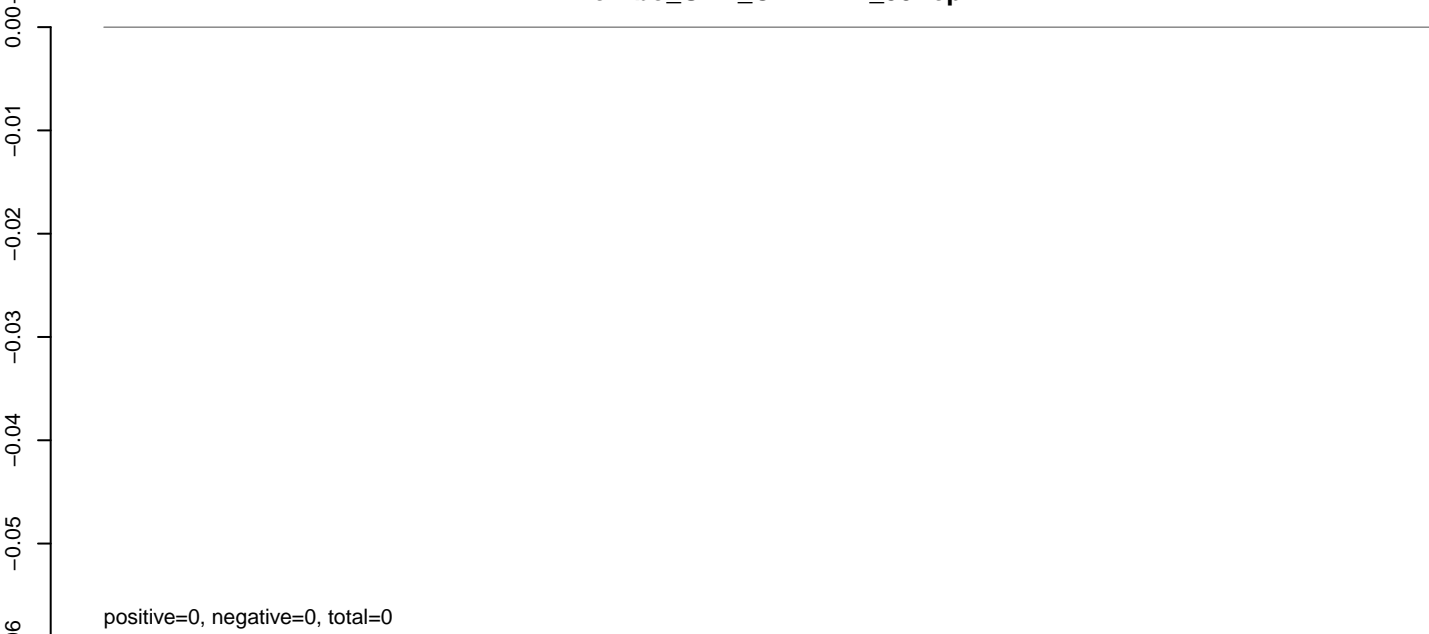


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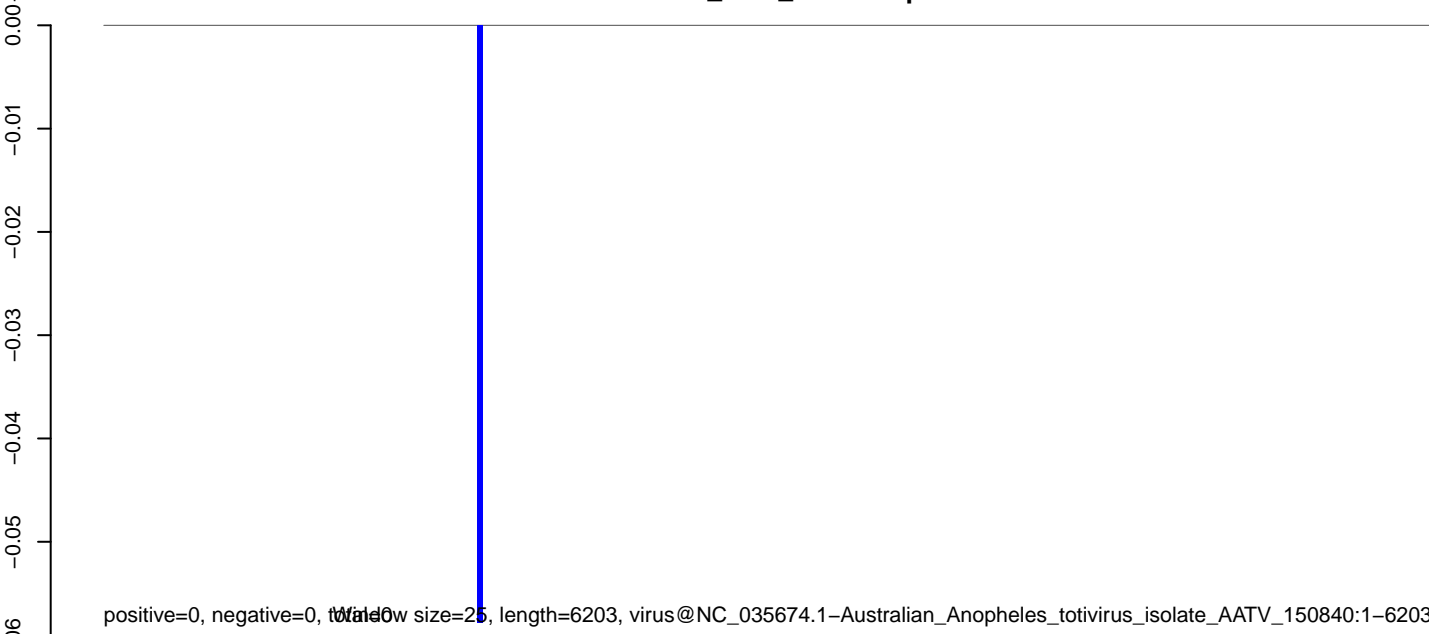
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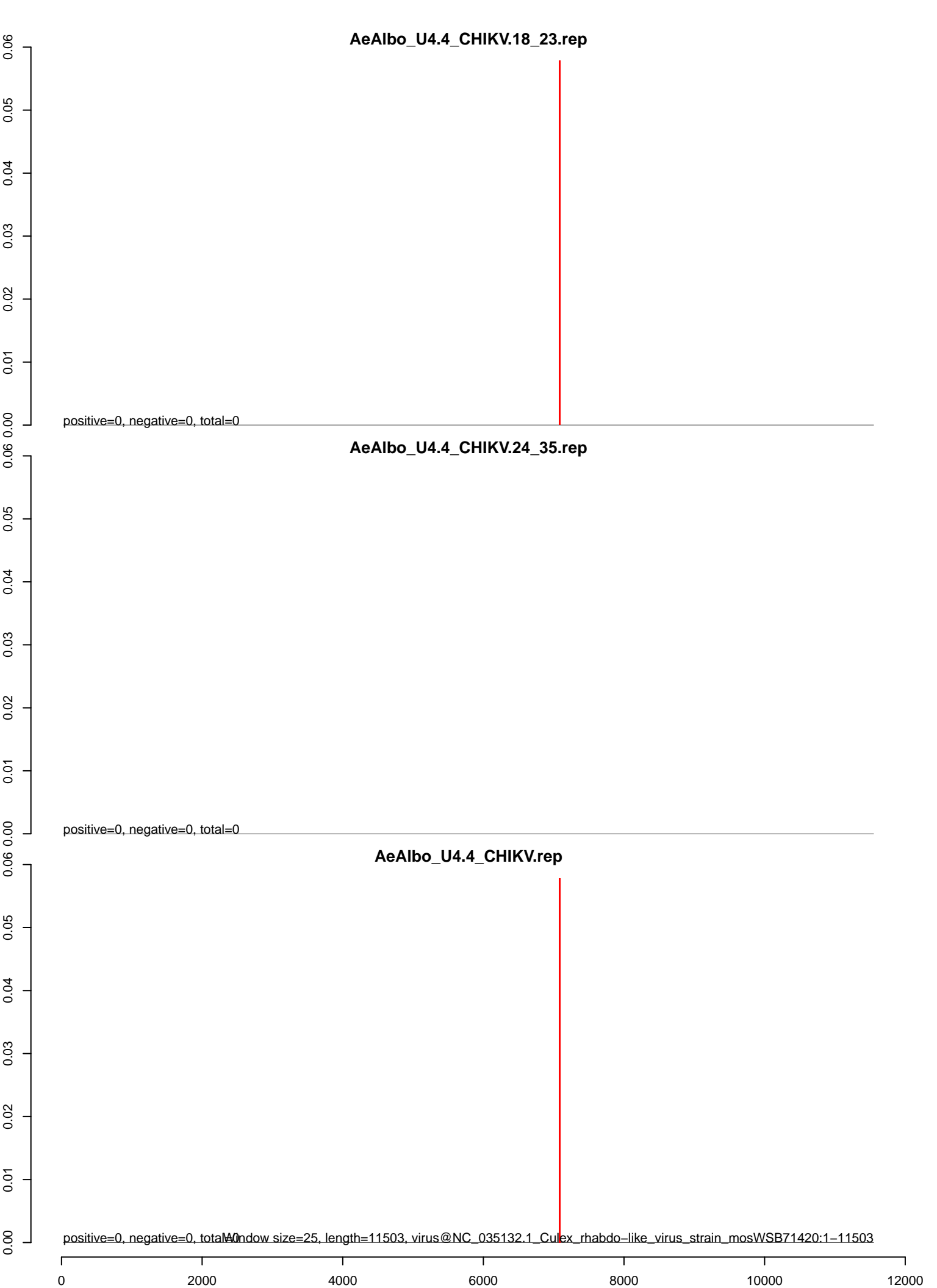


**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



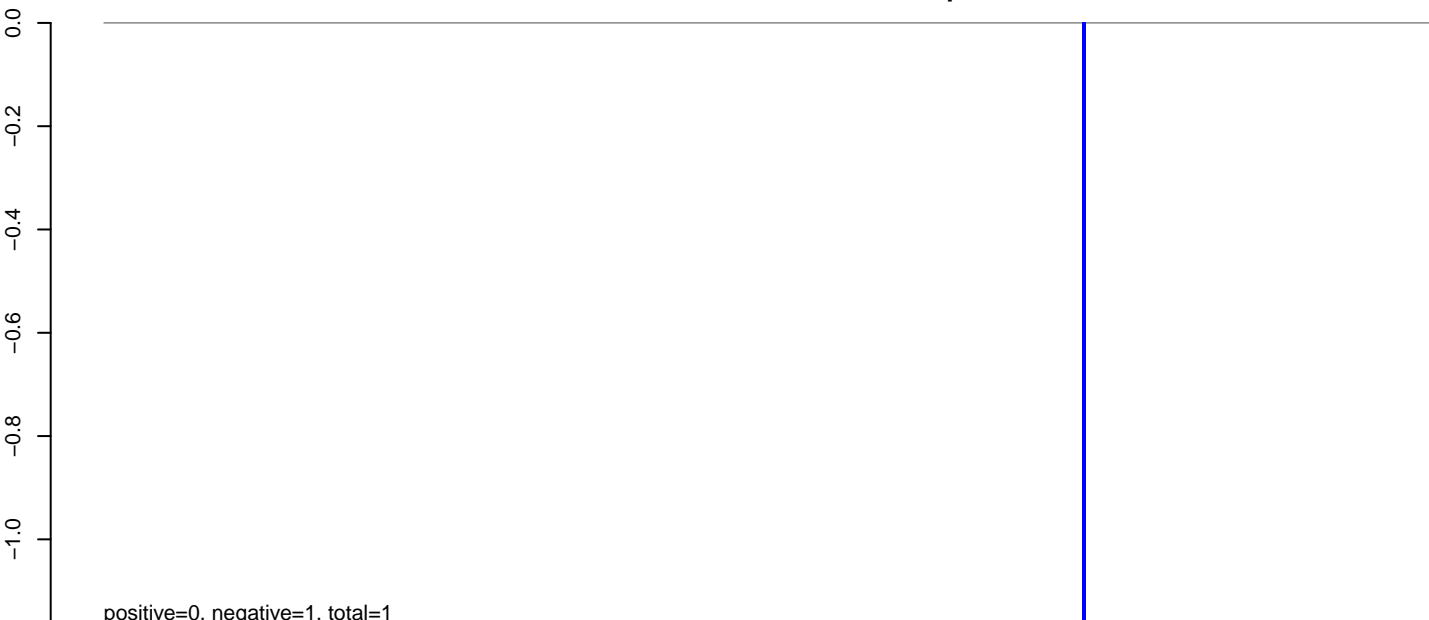
**AeAlbo\_U4.4\_CHIKV.rep**



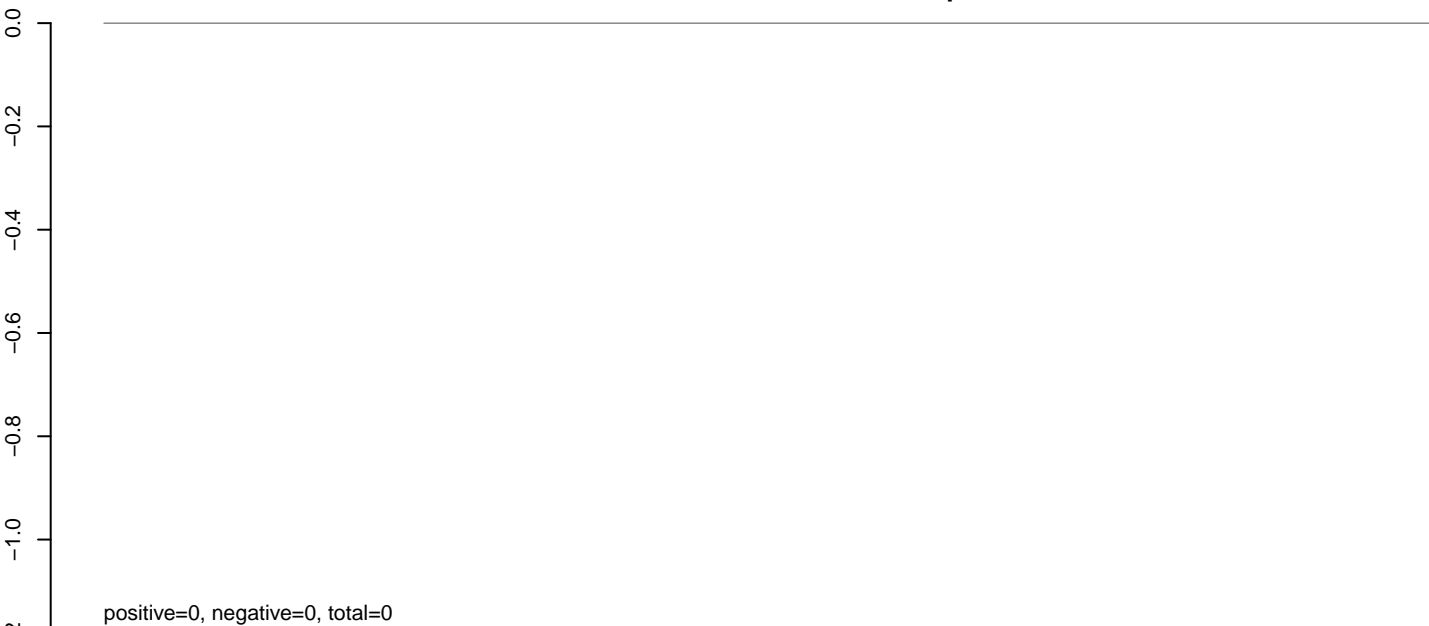




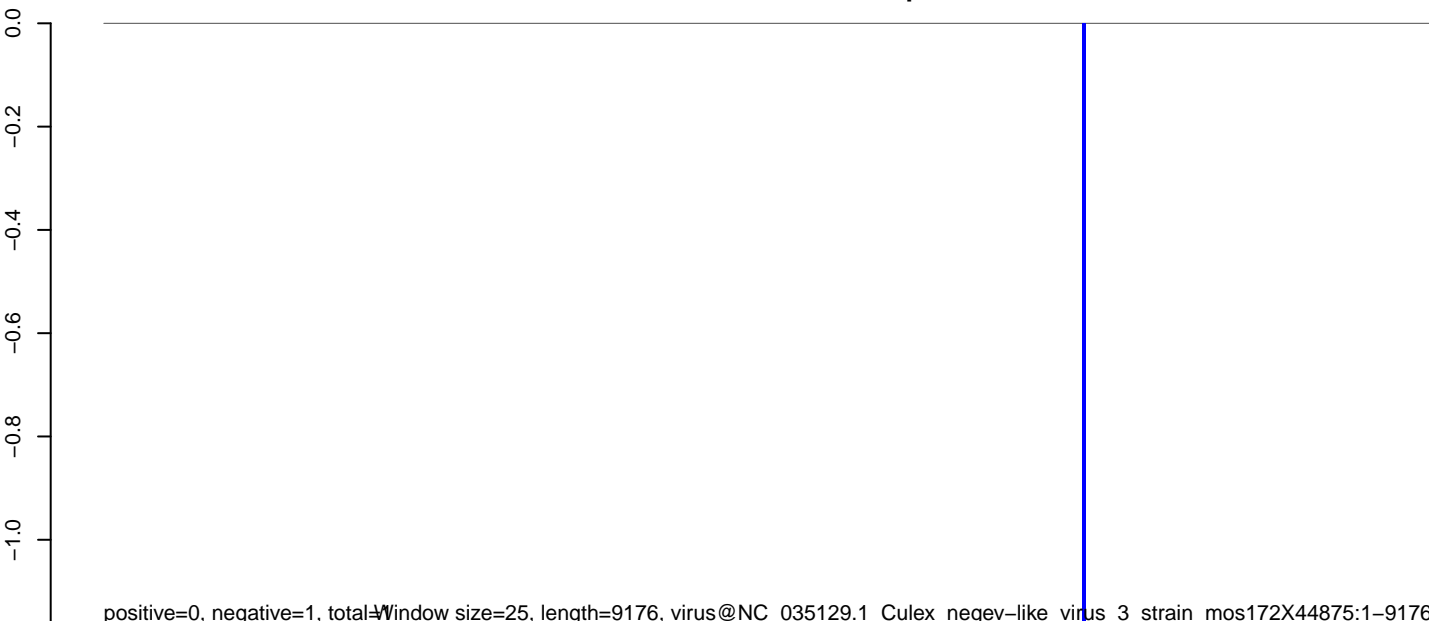
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



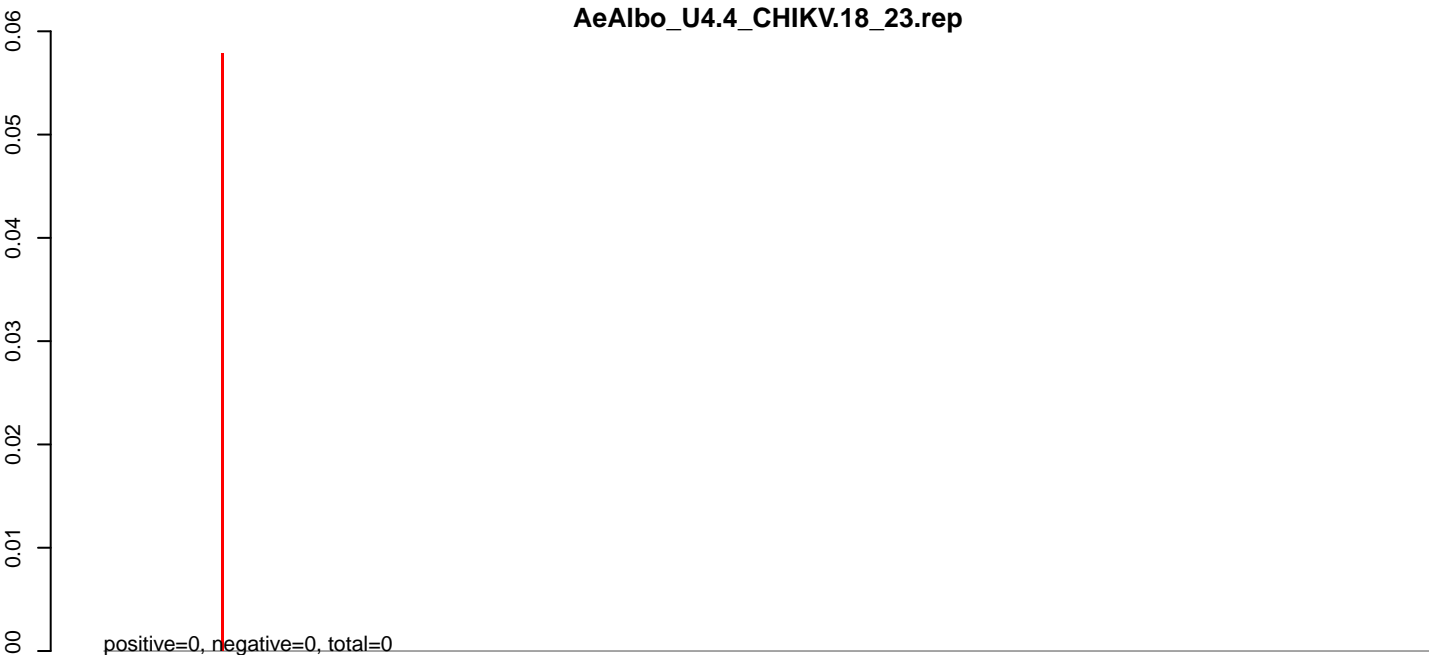
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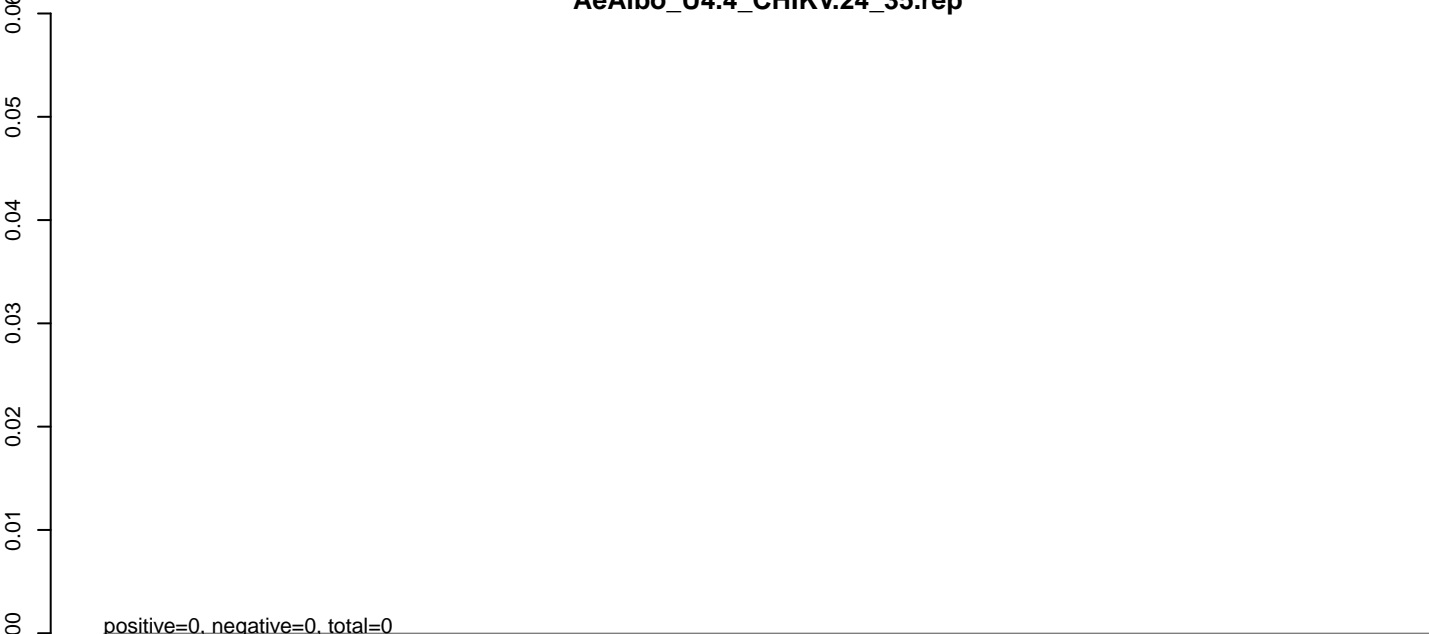
**AeAlbo\_U4.4\_CHIKV.rep**



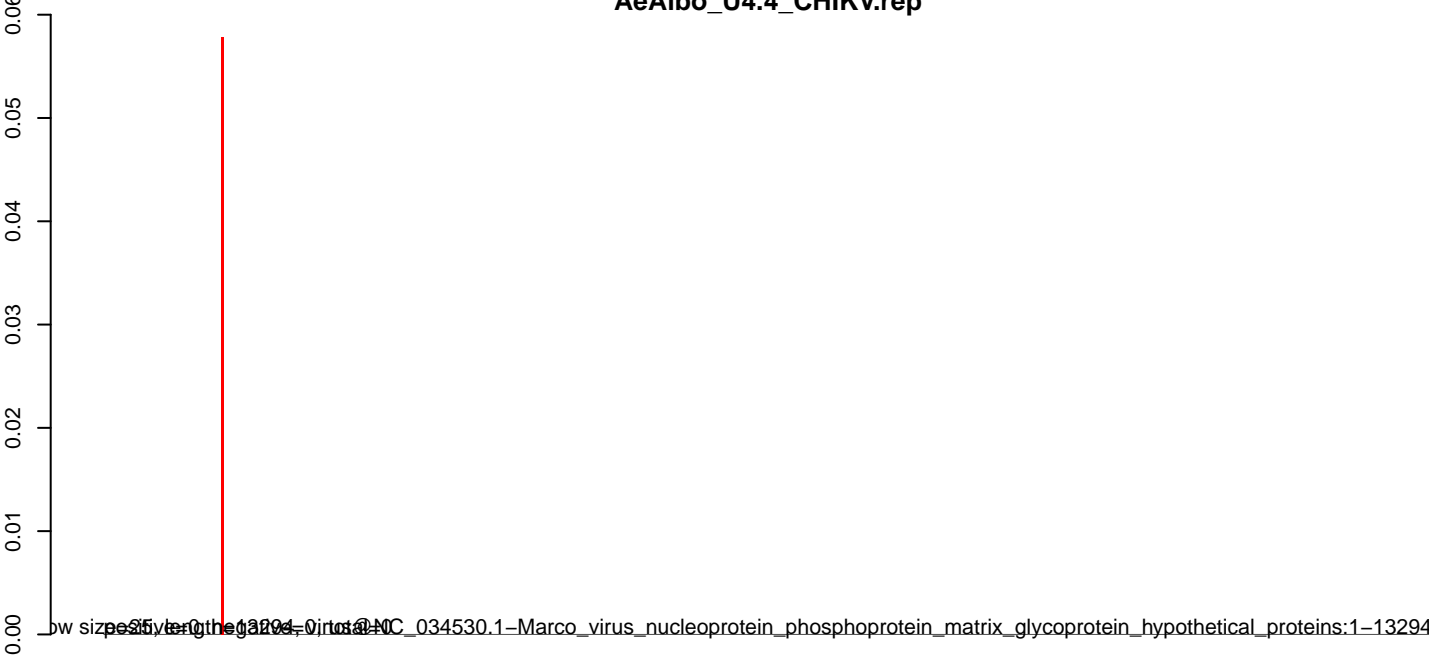
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



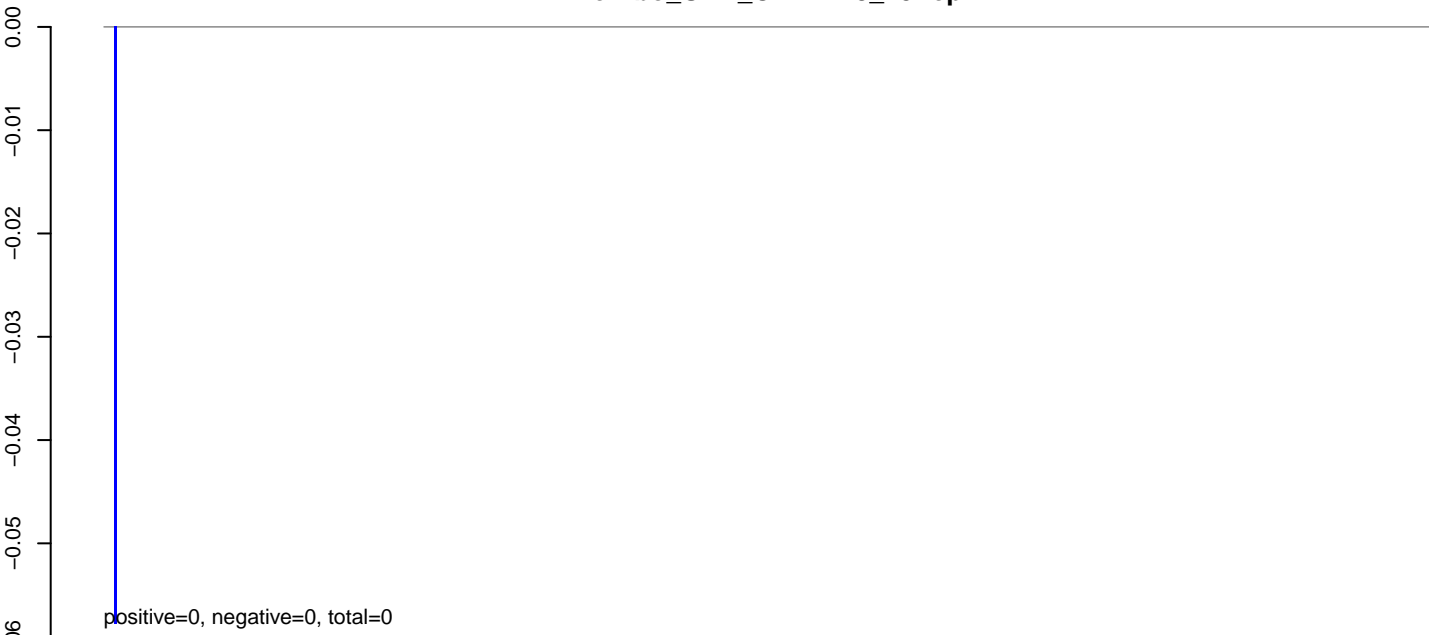
**AeAlbo\_U4.4\_CHIKV.rep**



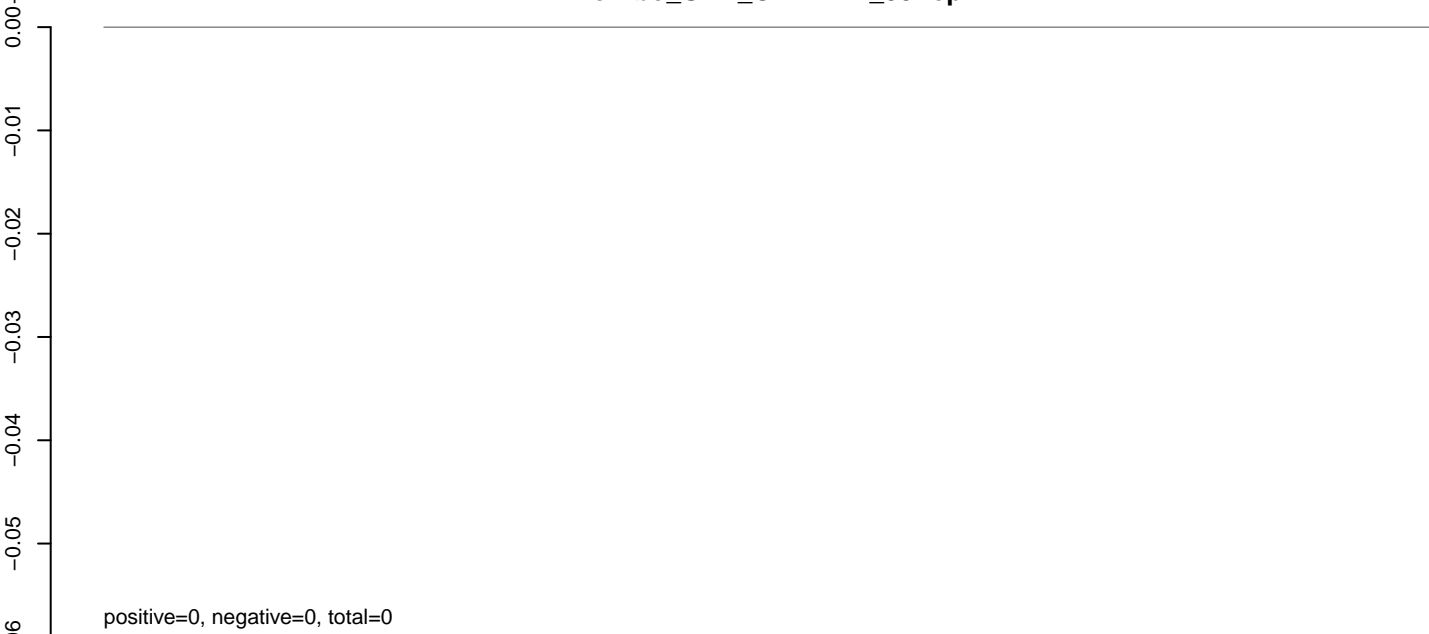
bow size style length 1204 0 intron NC\_034530.1-Marco\_virus\_nucleoprotein\_phosphoprotein\_matrix\_glycoprotein\_hypothetical\_proteins:1-13294

0 2000 4000 6000 8000 10000 12000

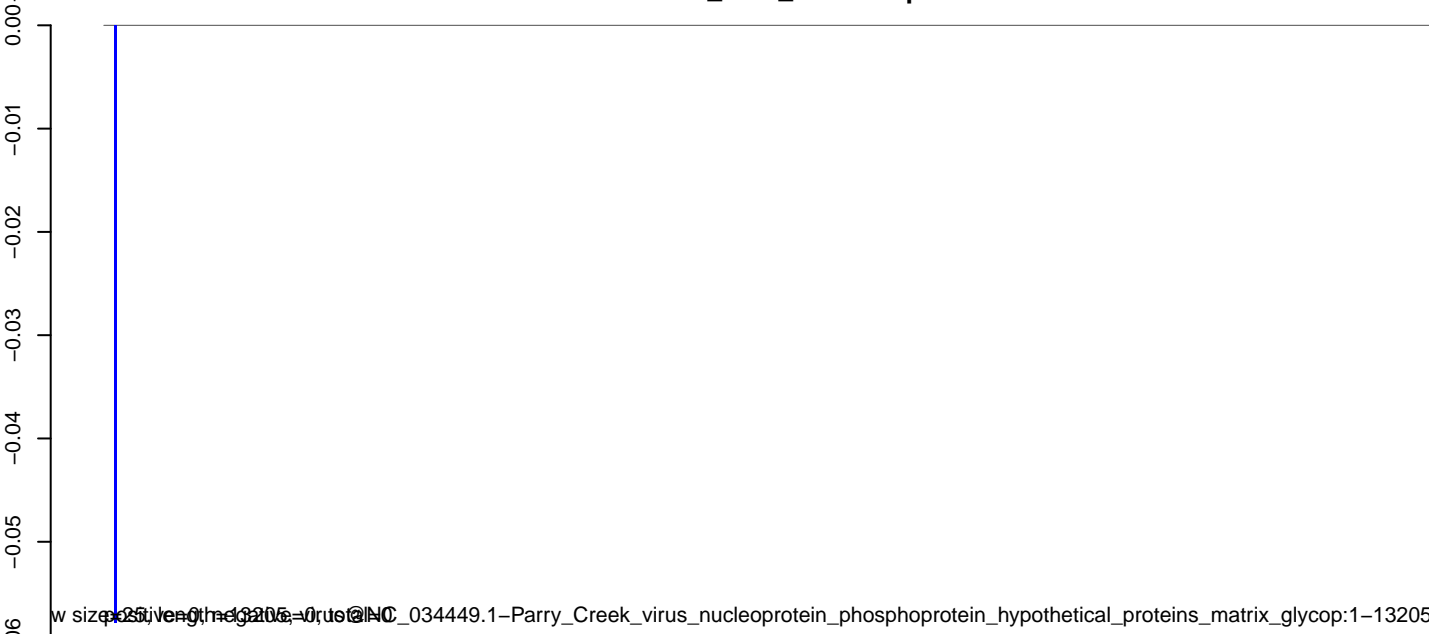
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**

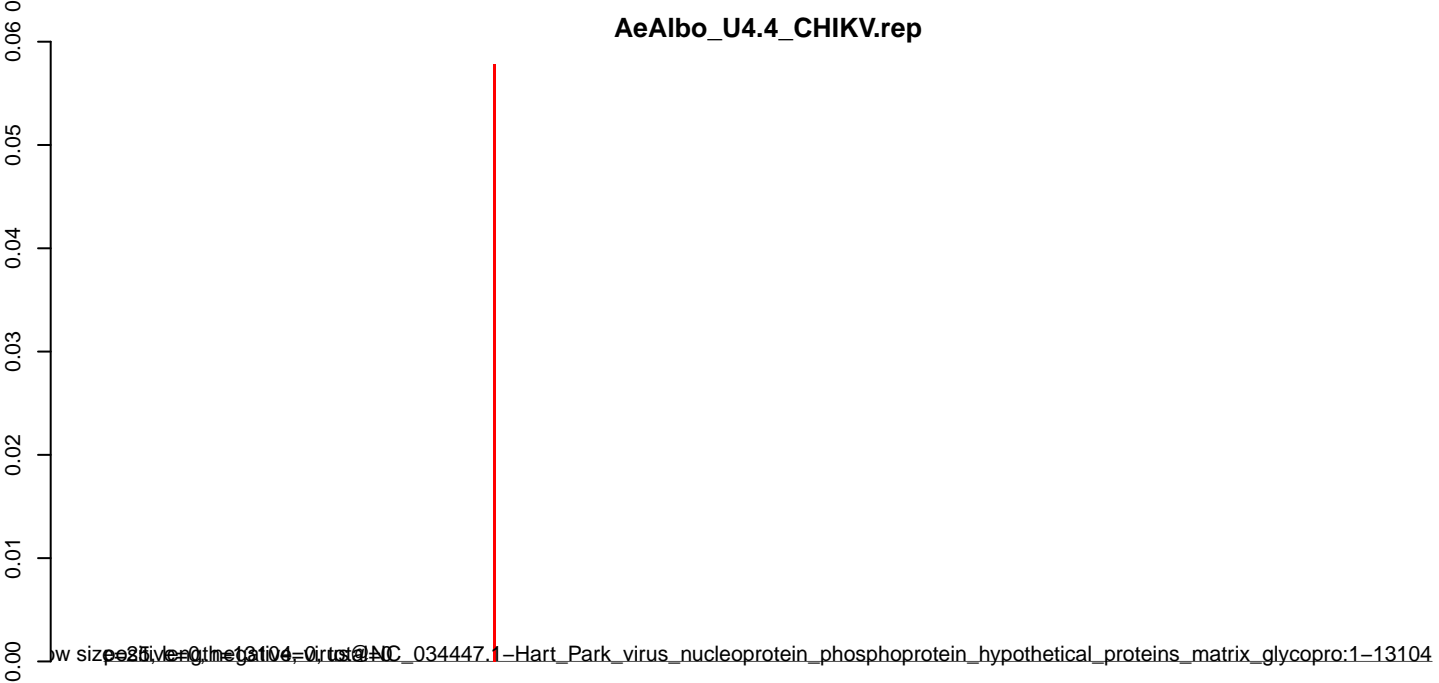
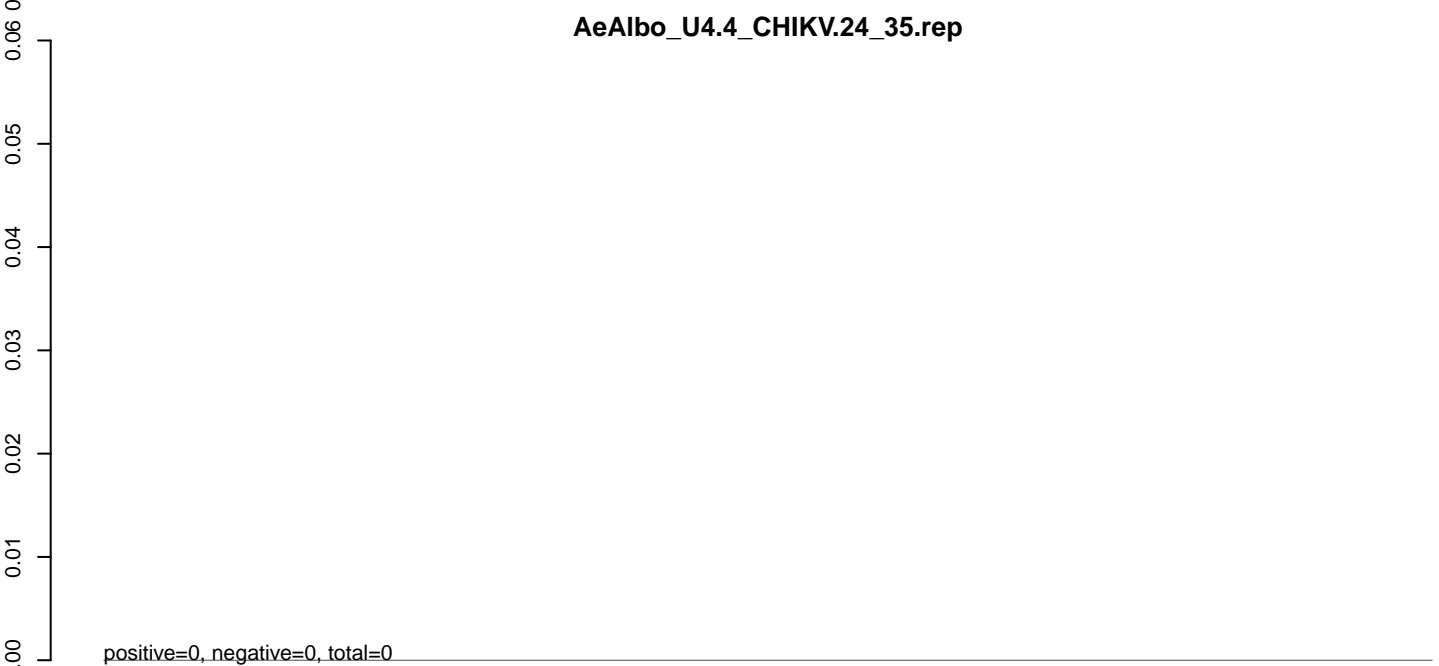
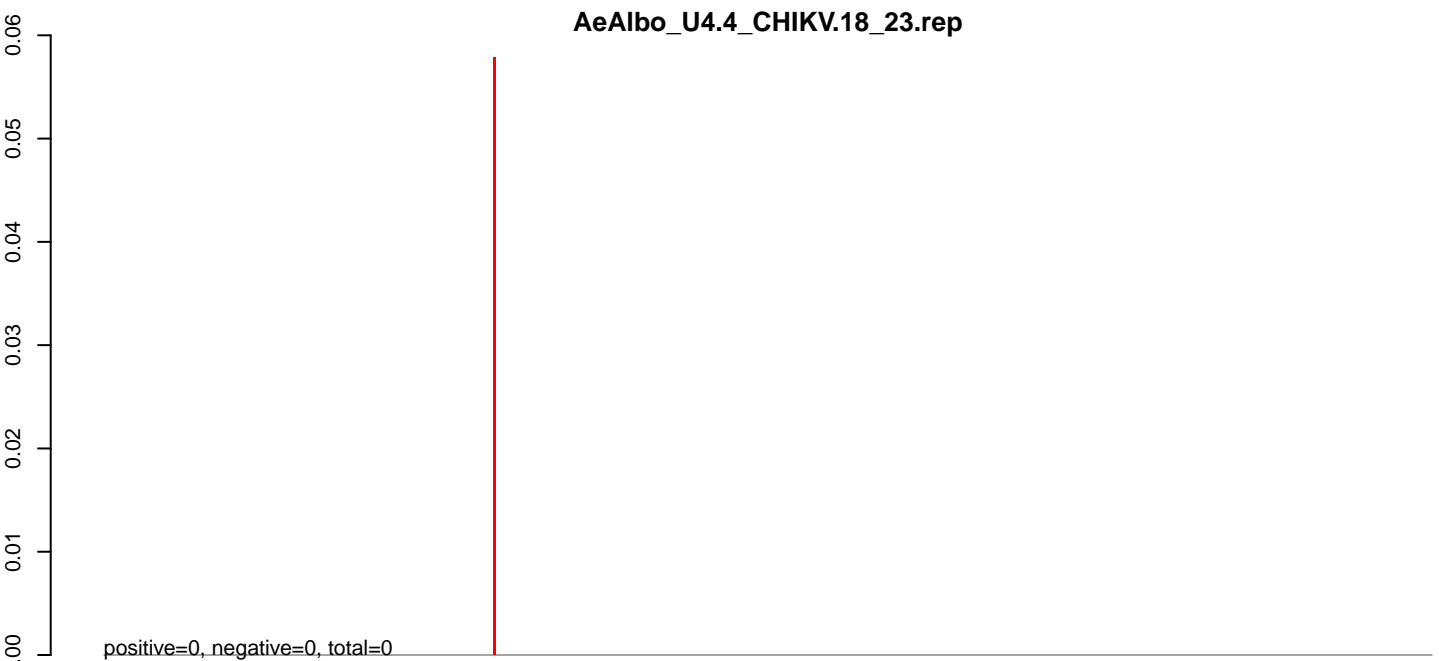


**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

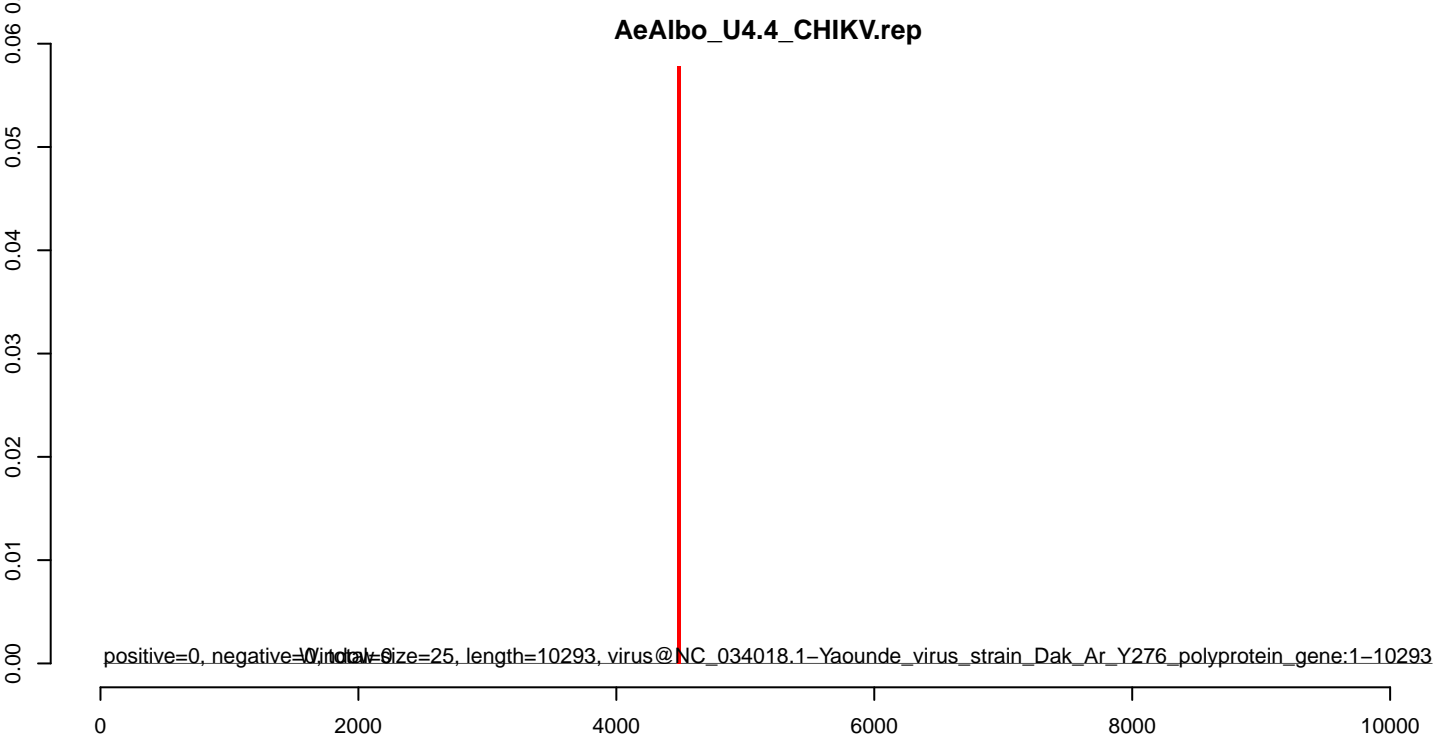
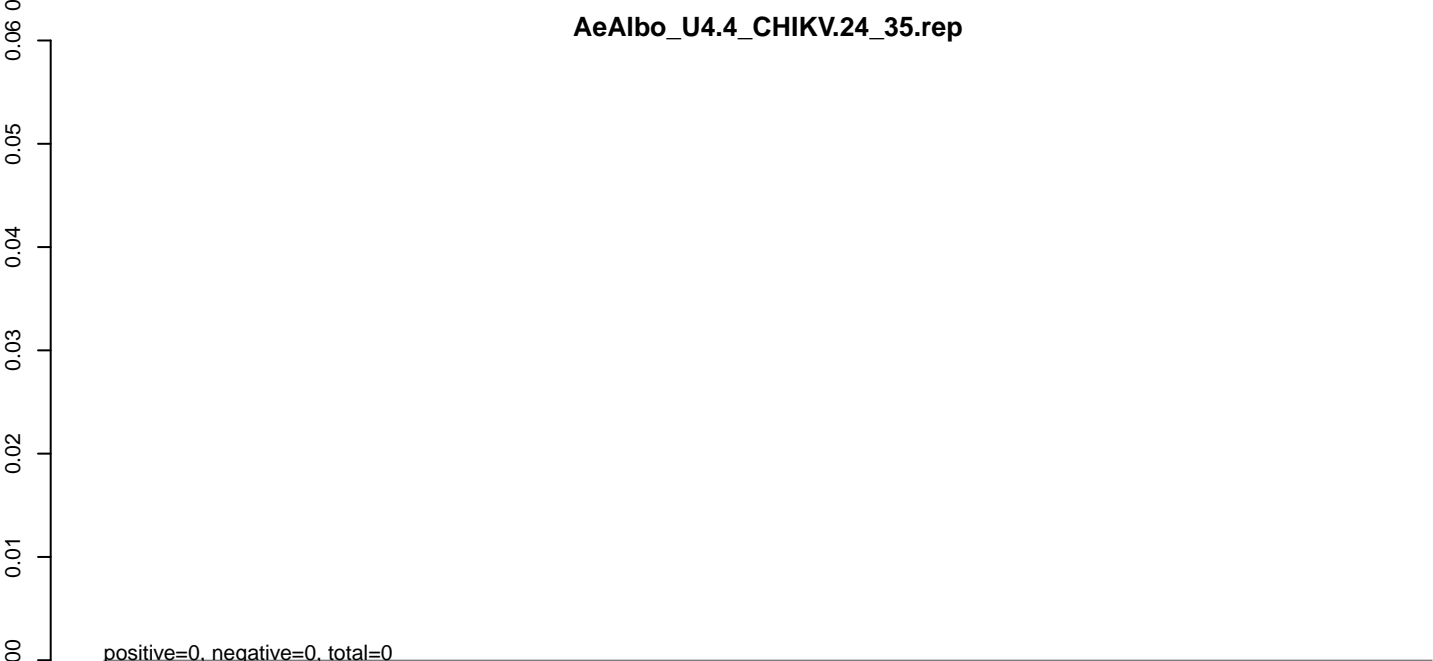
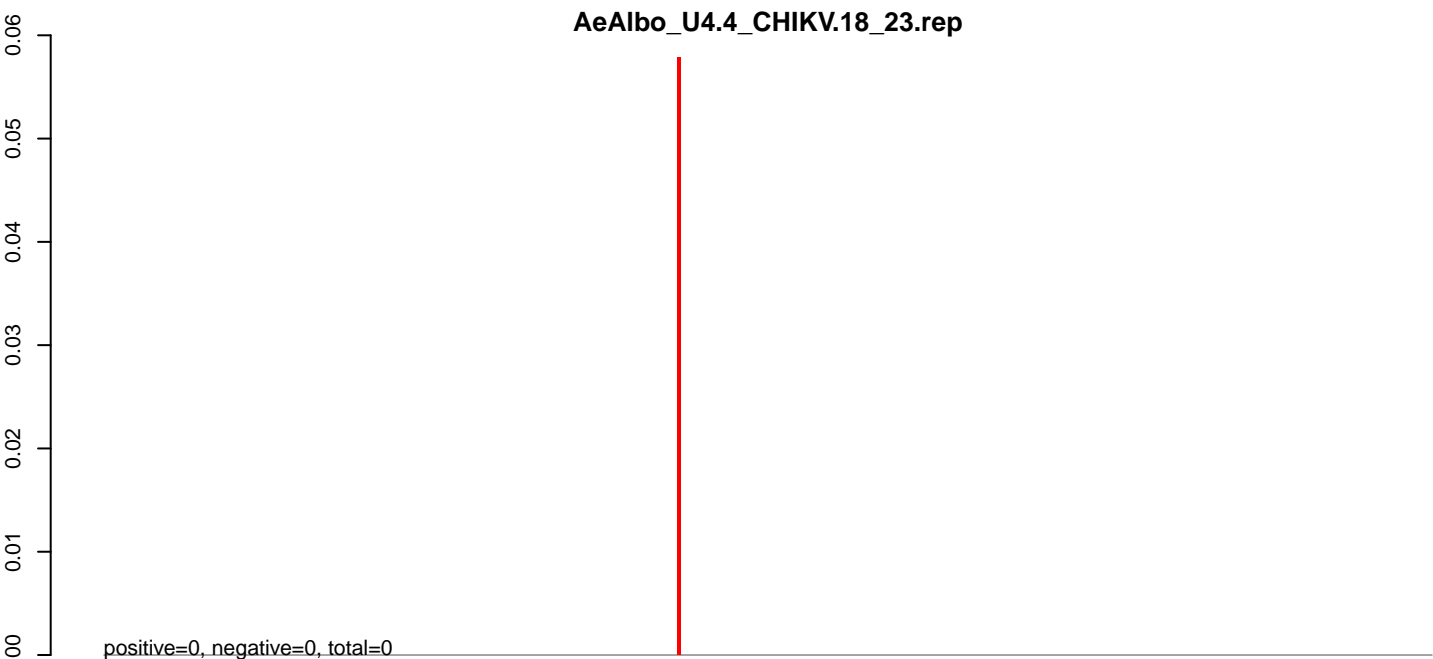


**AeAlbo\_U4.4\_CHIKV.rep**

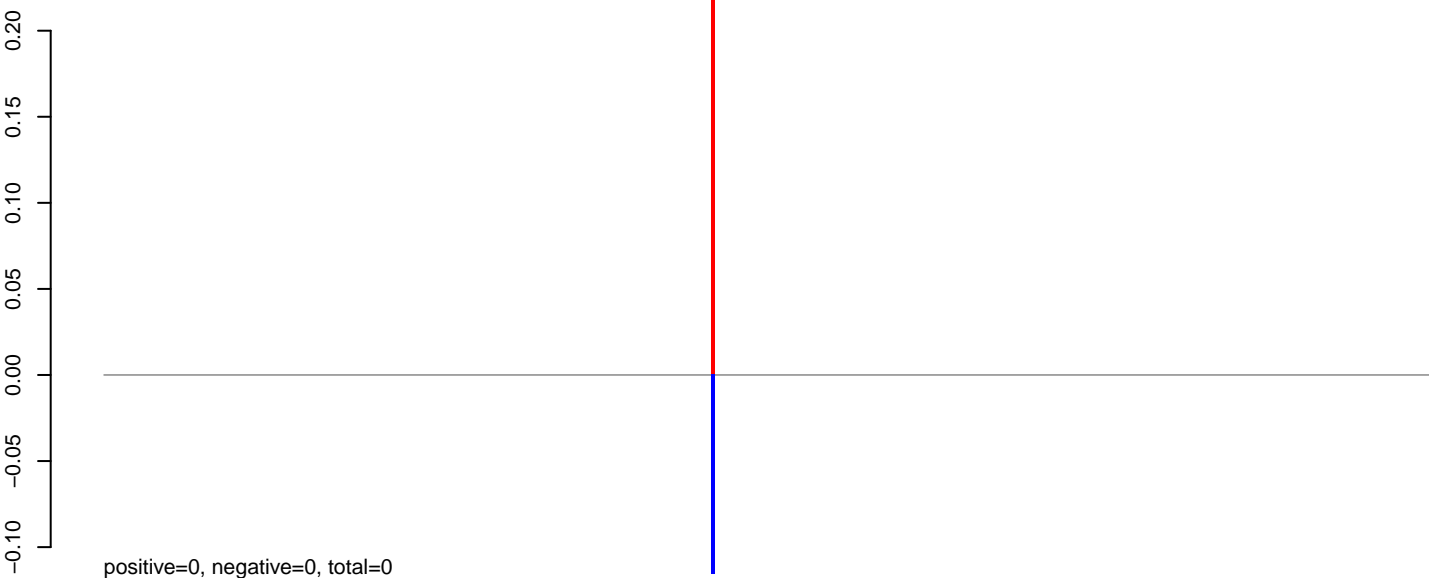




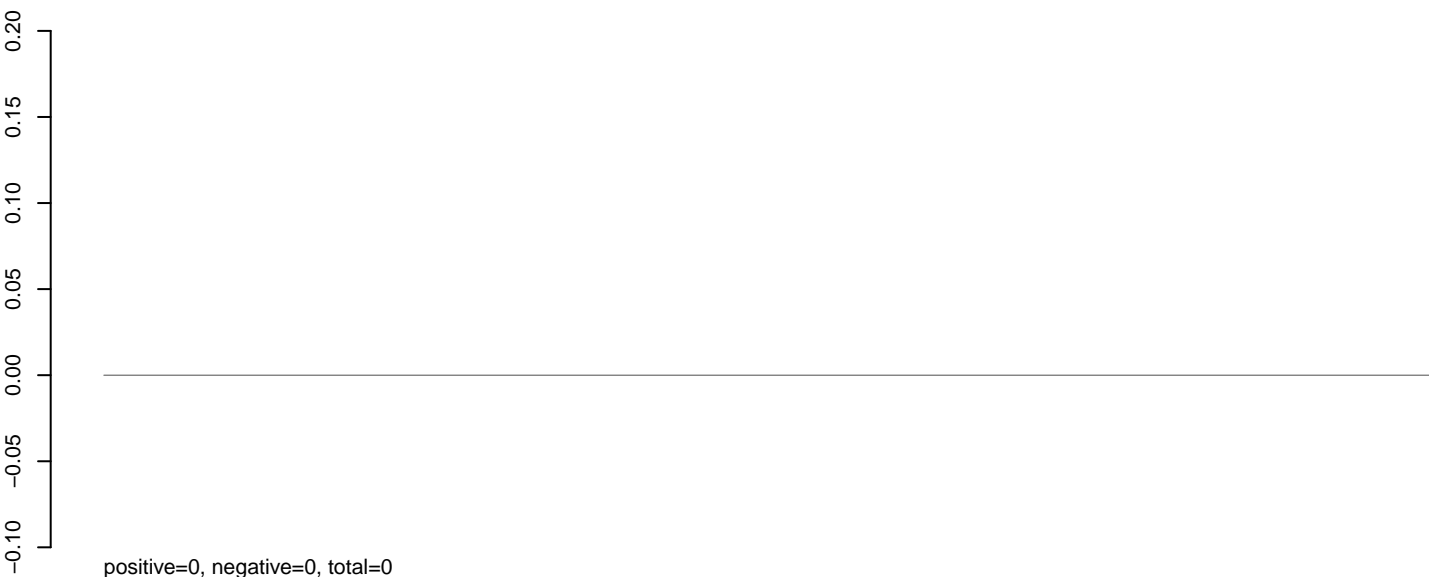
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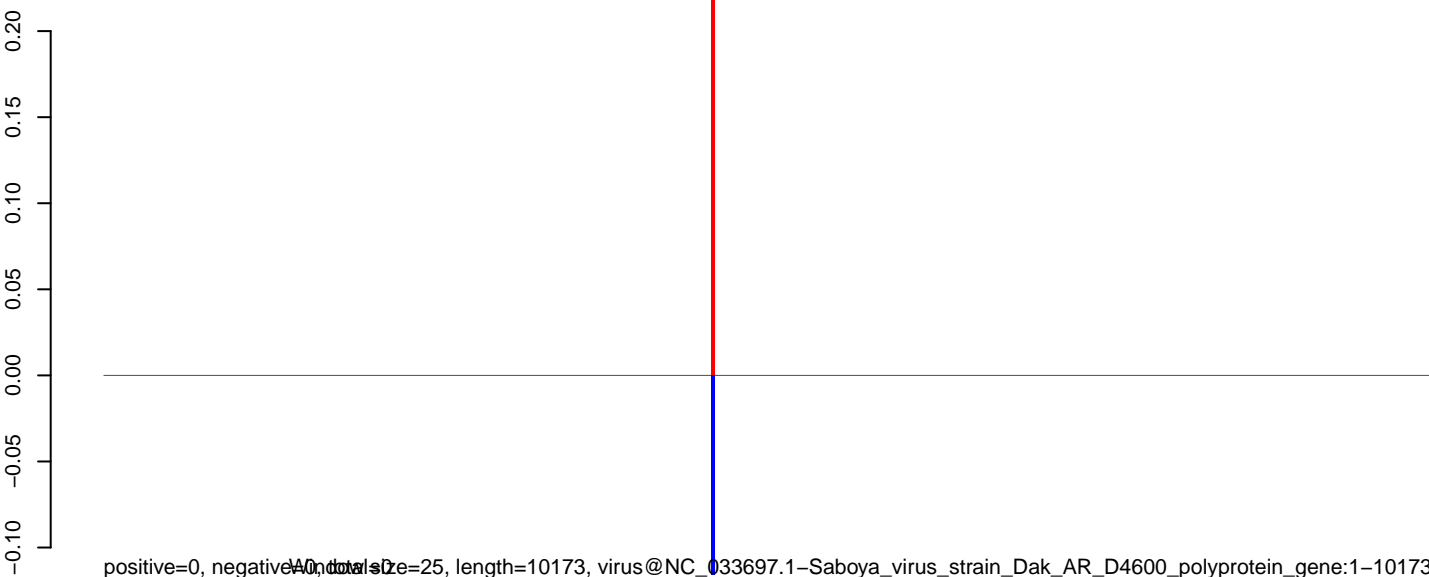
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

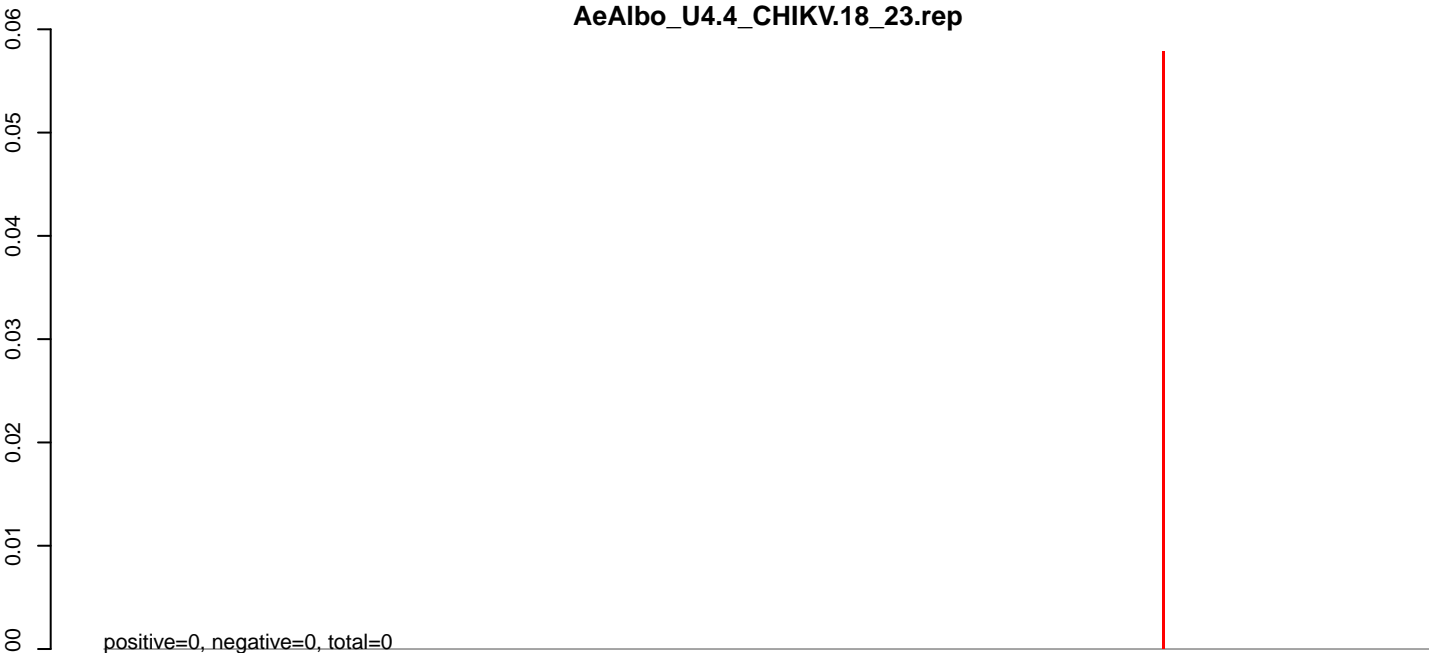


**AeAlbo\_U4.4\_CHIKV.rep**

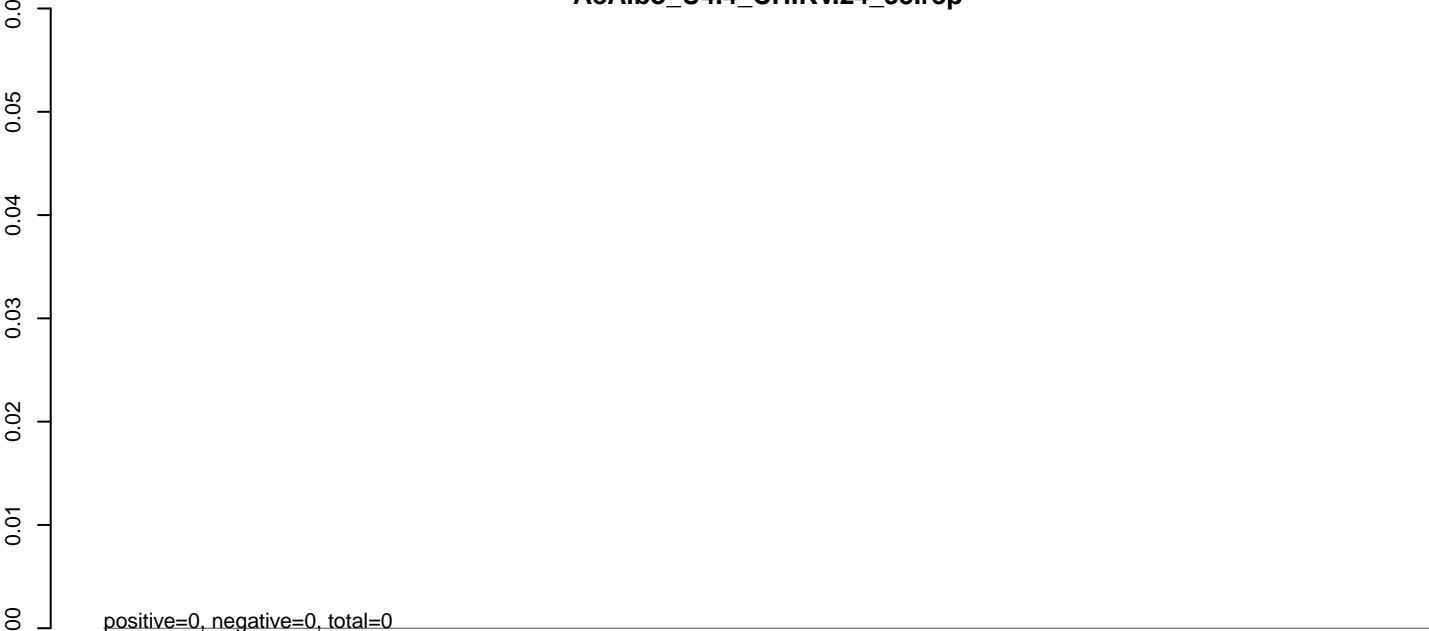


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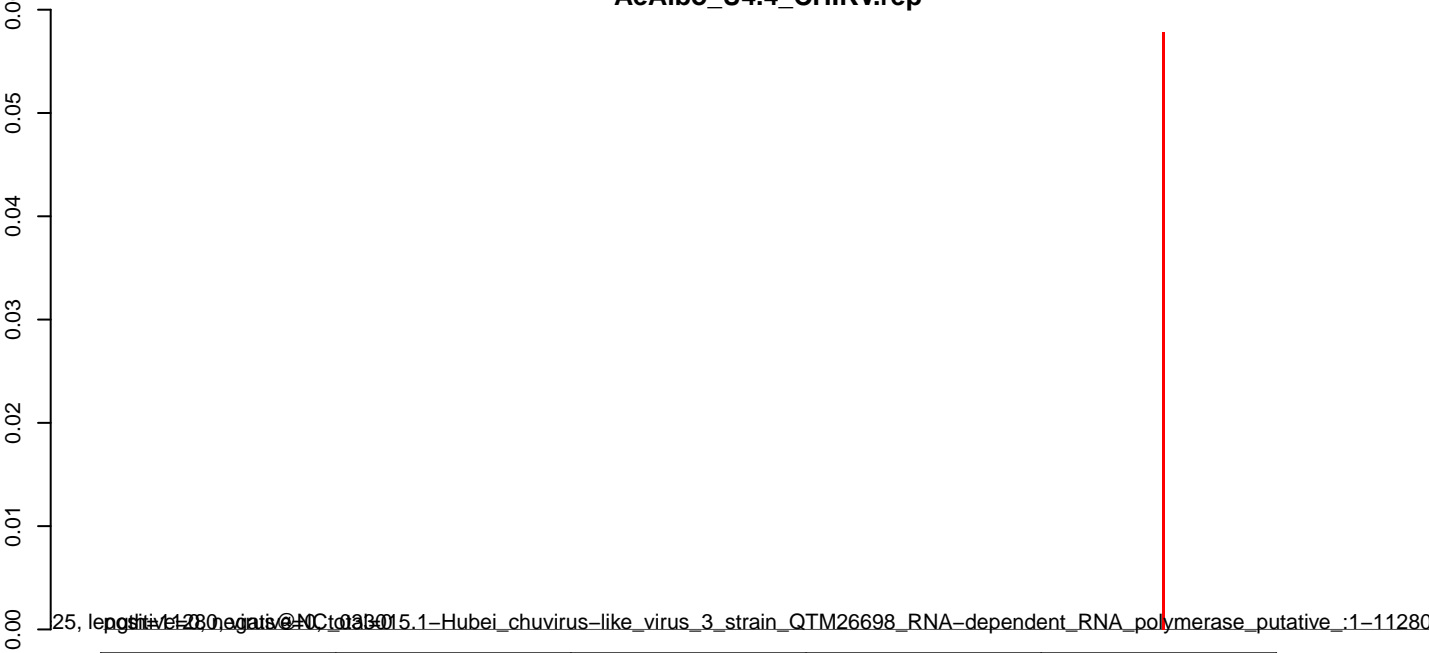
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



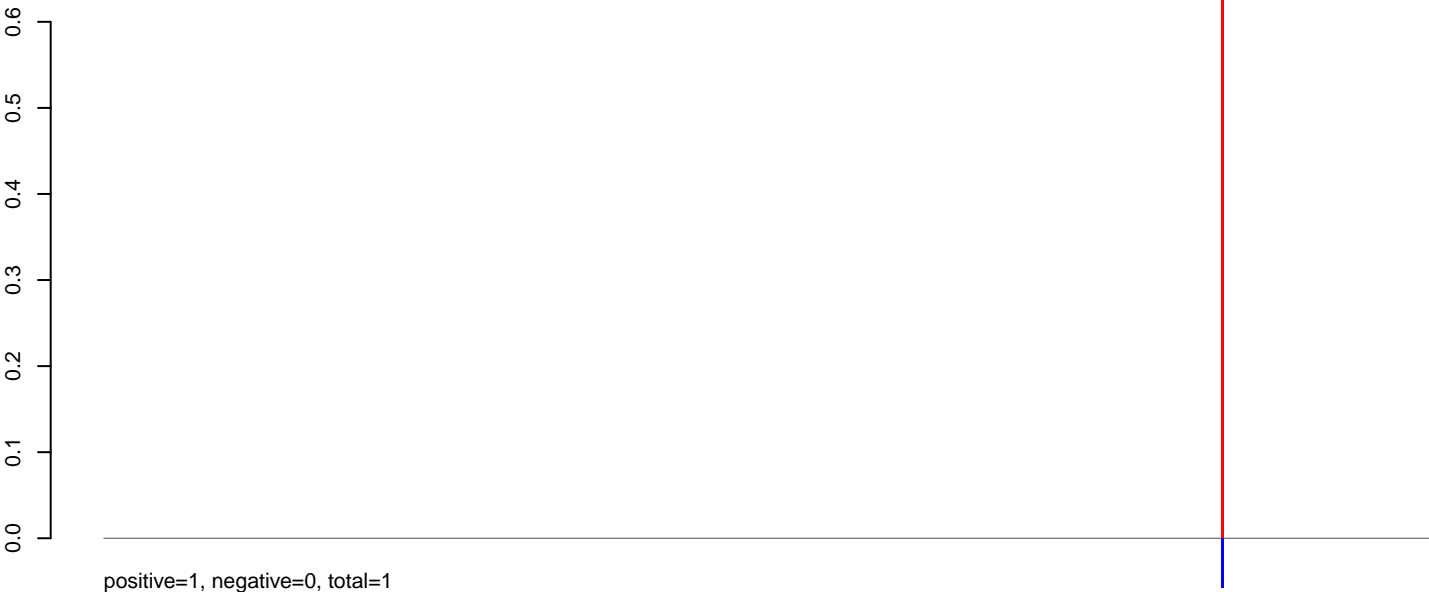
**AeAlbo\_U4.4\_CHIKV.rep**



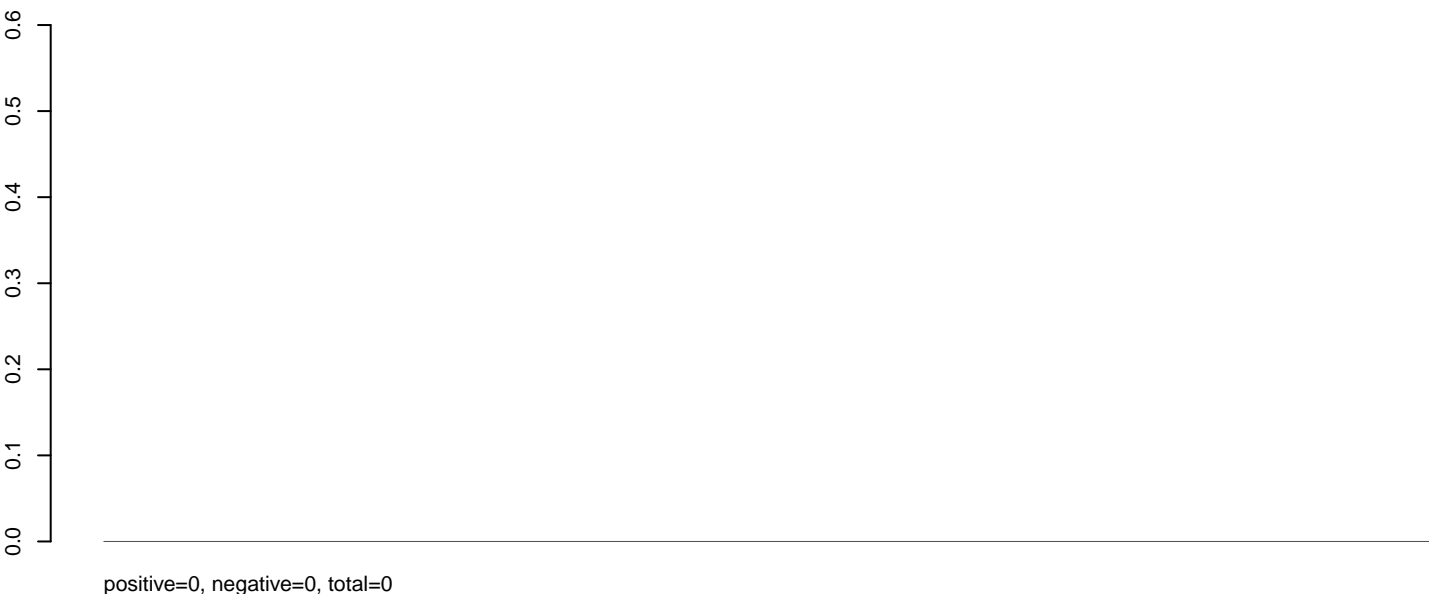
25, length=1280, negative=0, total=0, 15.1-Hubei\_chuvirus-like\_virus\_3\_strain\_QTM26698\_RNA-dependent\_RNA\_polymerase\_putative\_1-11280

0 2000 4000 6000 8000 10000

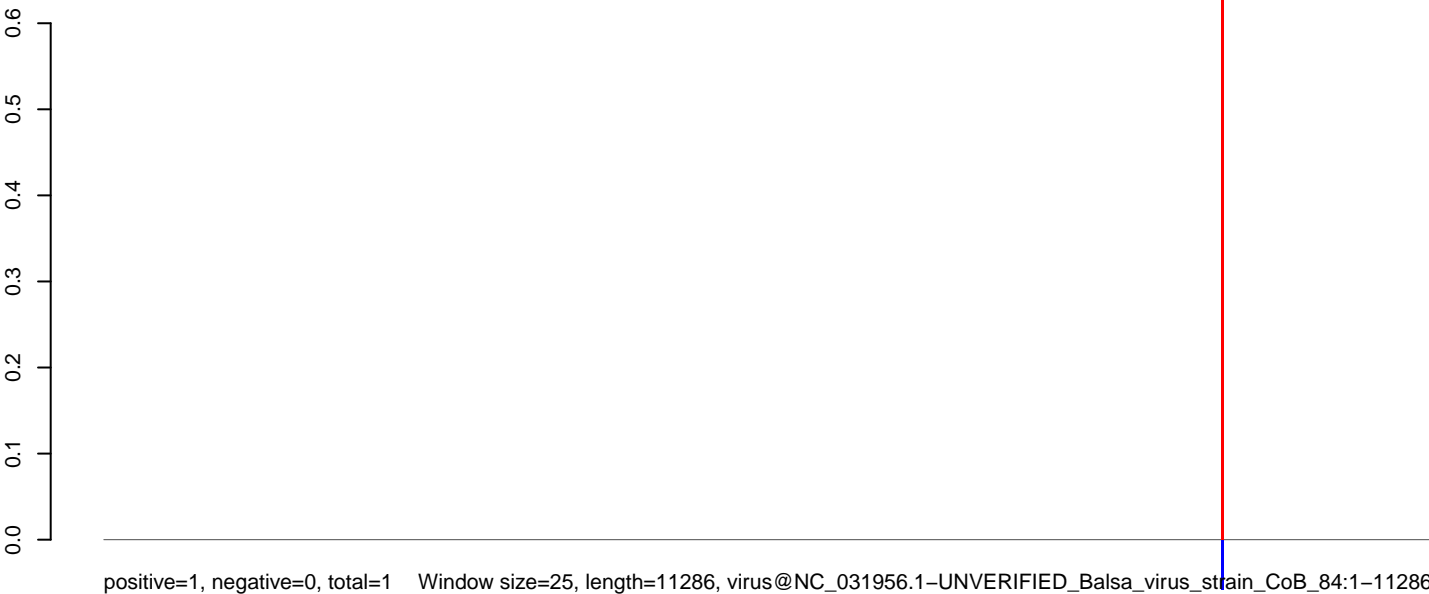
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

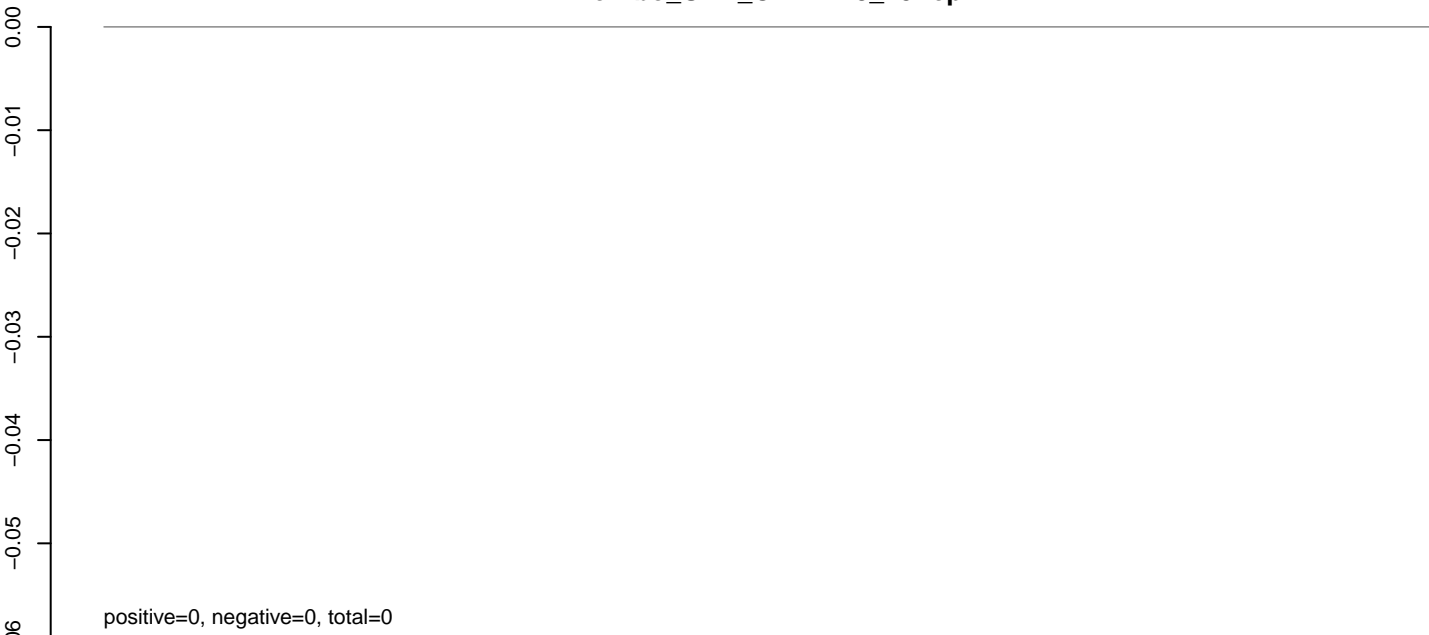


Window size=25, length=11286, virus@NC\_031956.1-UNVERIFIED\_Balsa\_virus\_strain\_CoB\_84:1-11286

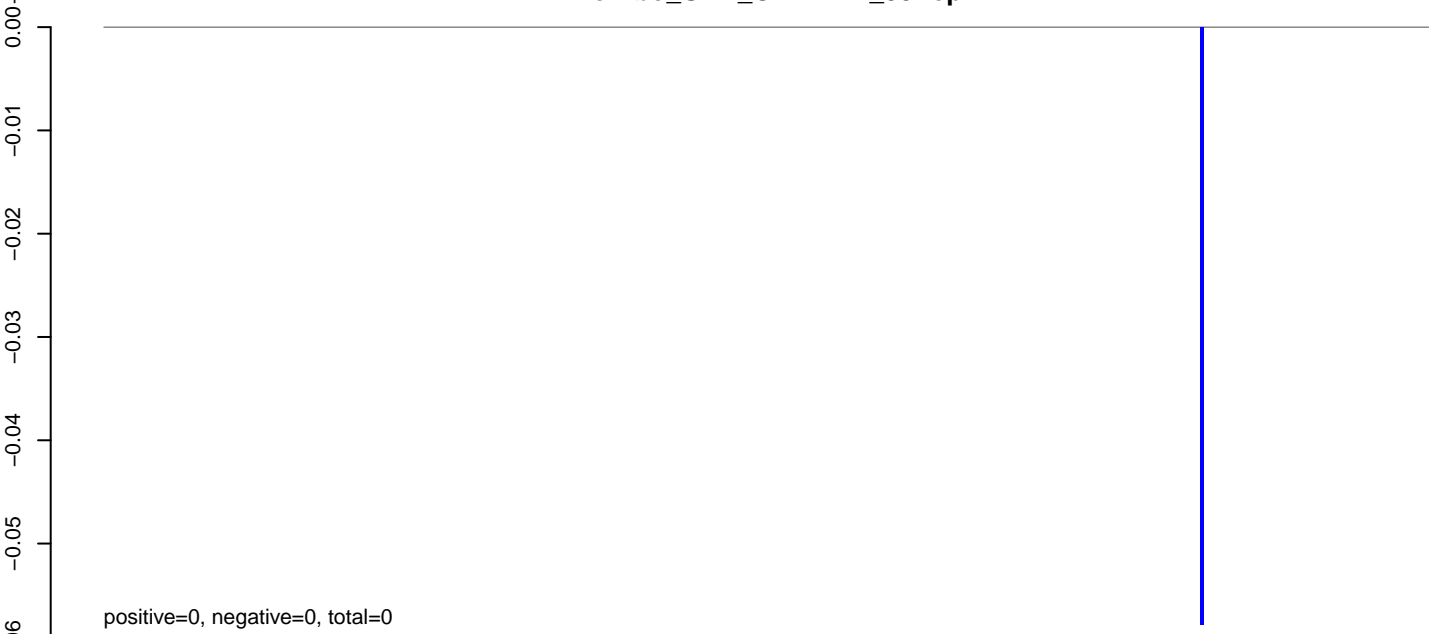
0 2000 4000 6000 8000 10000



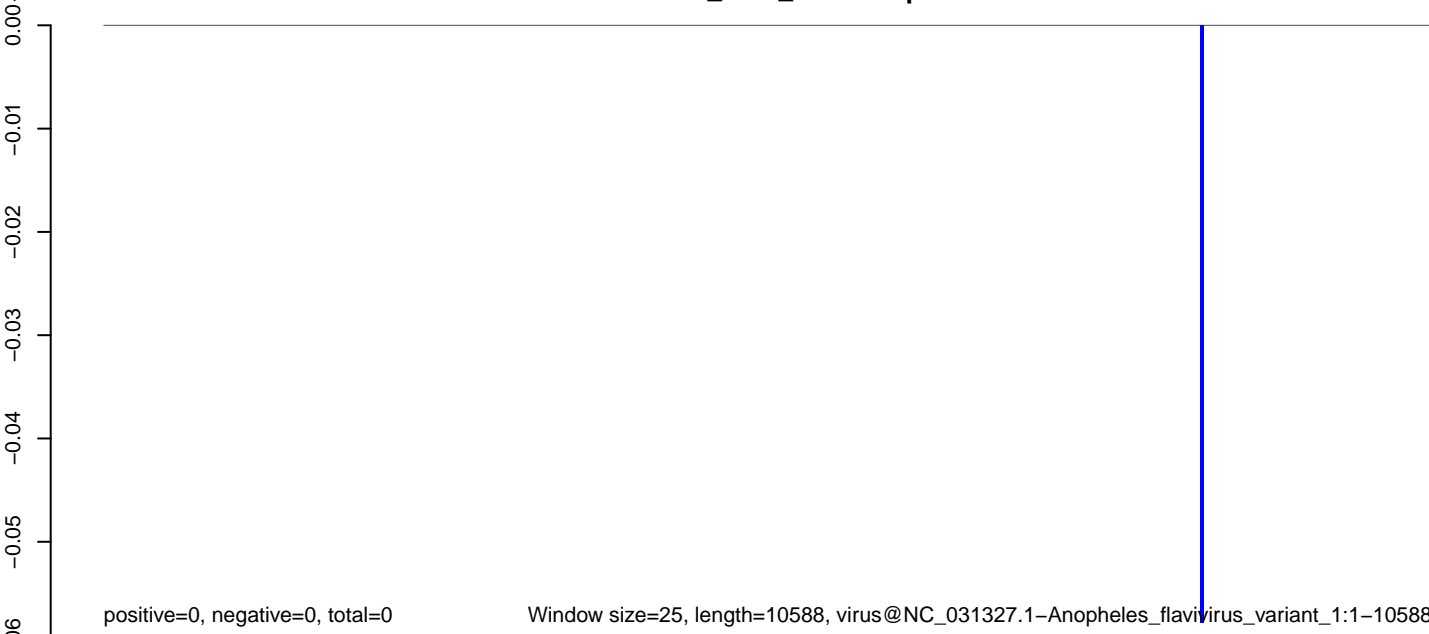
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



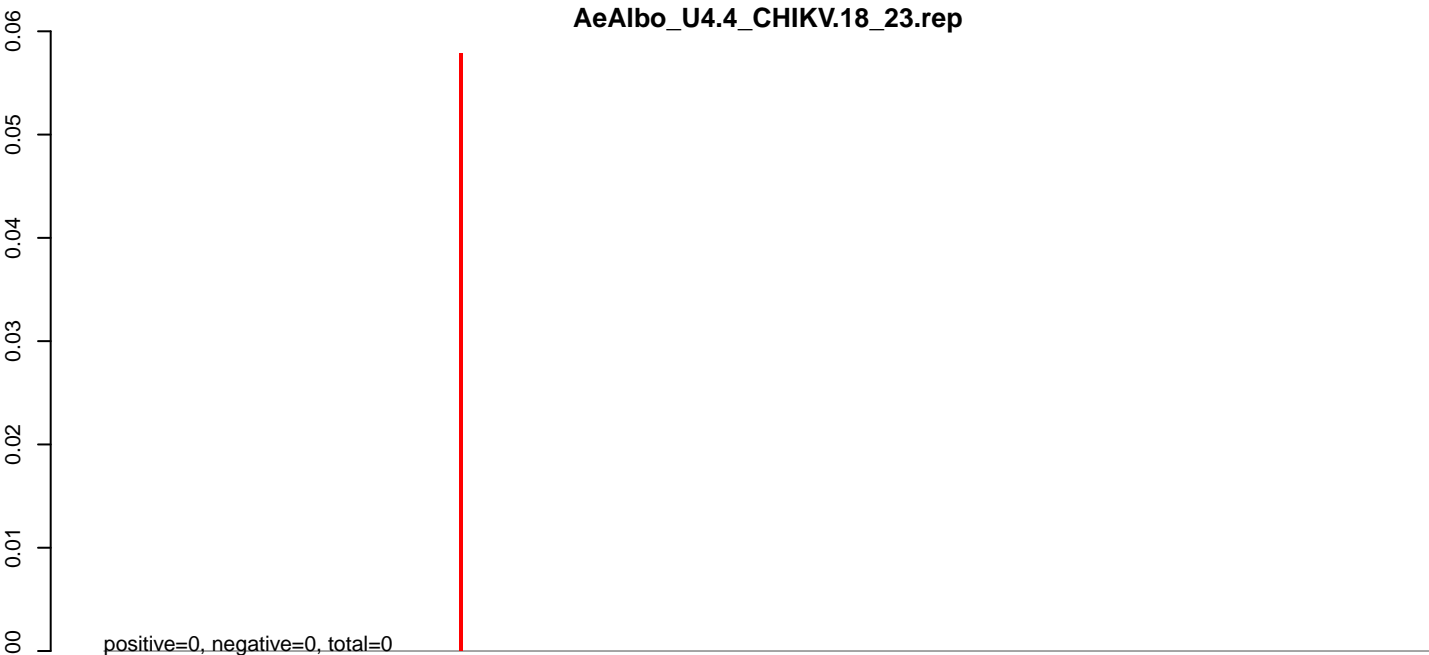
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



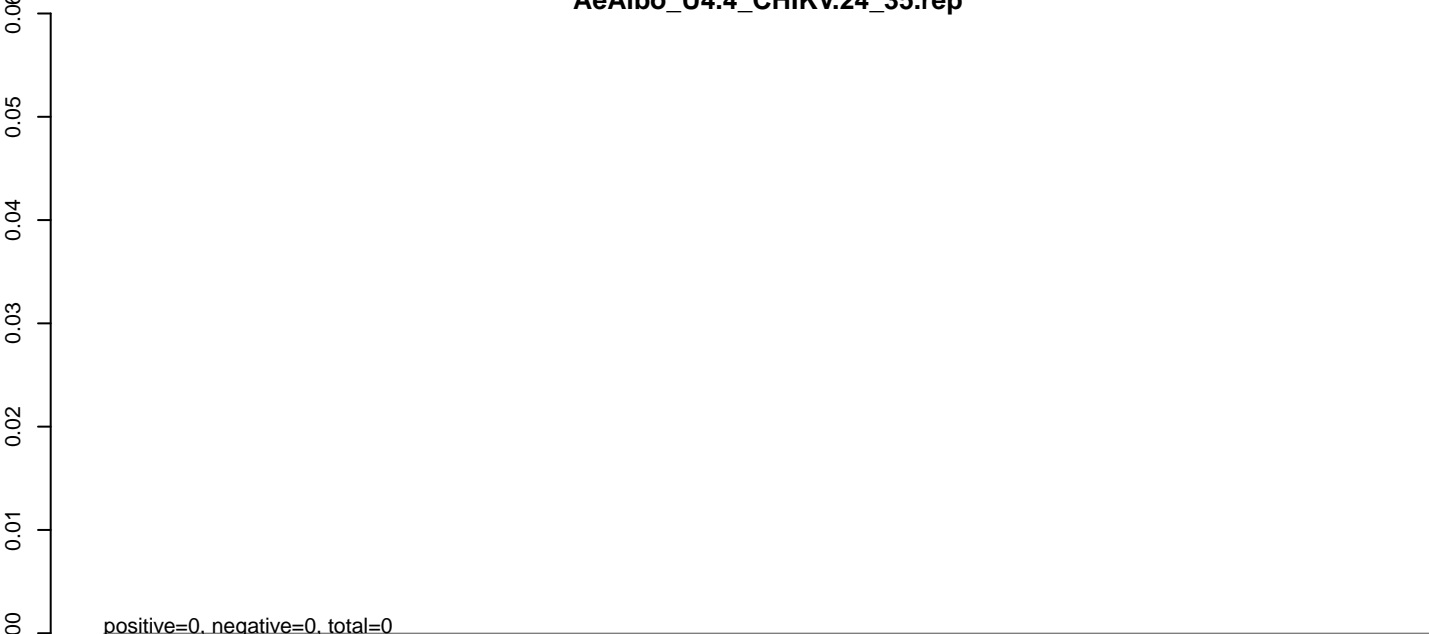
**AeAlbo\_U4.4\_CHIKV.rep**



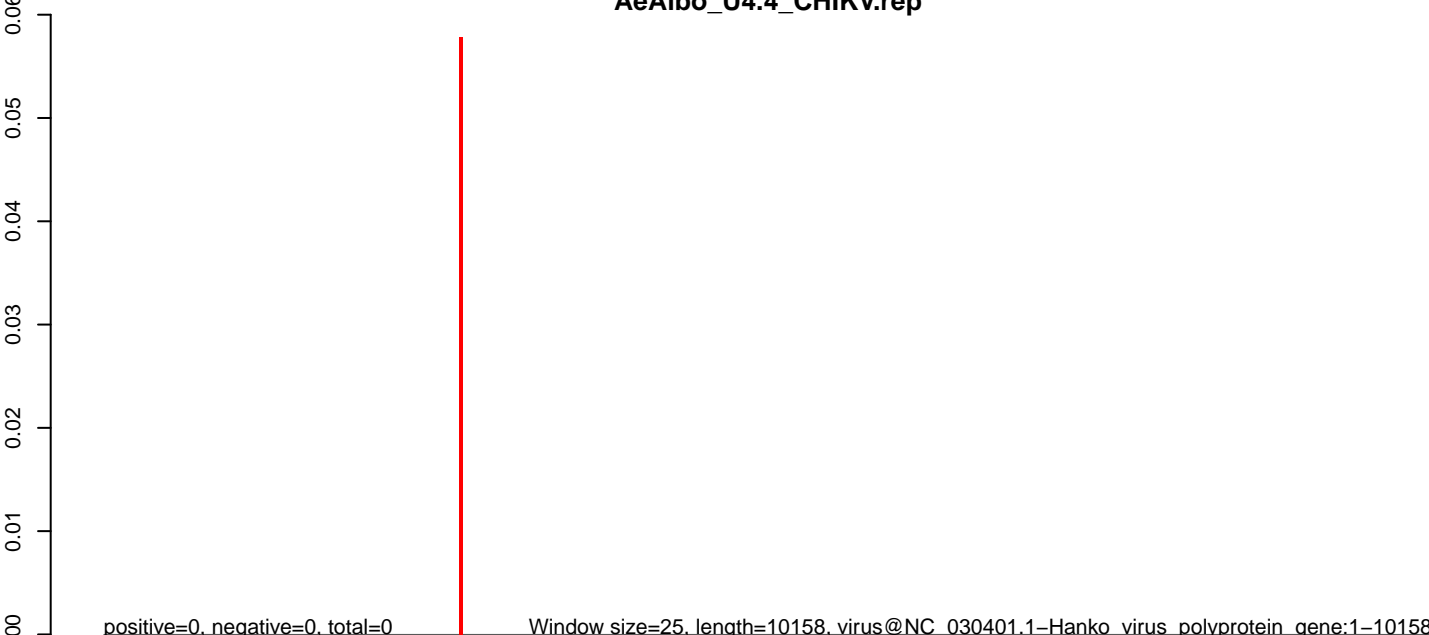
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



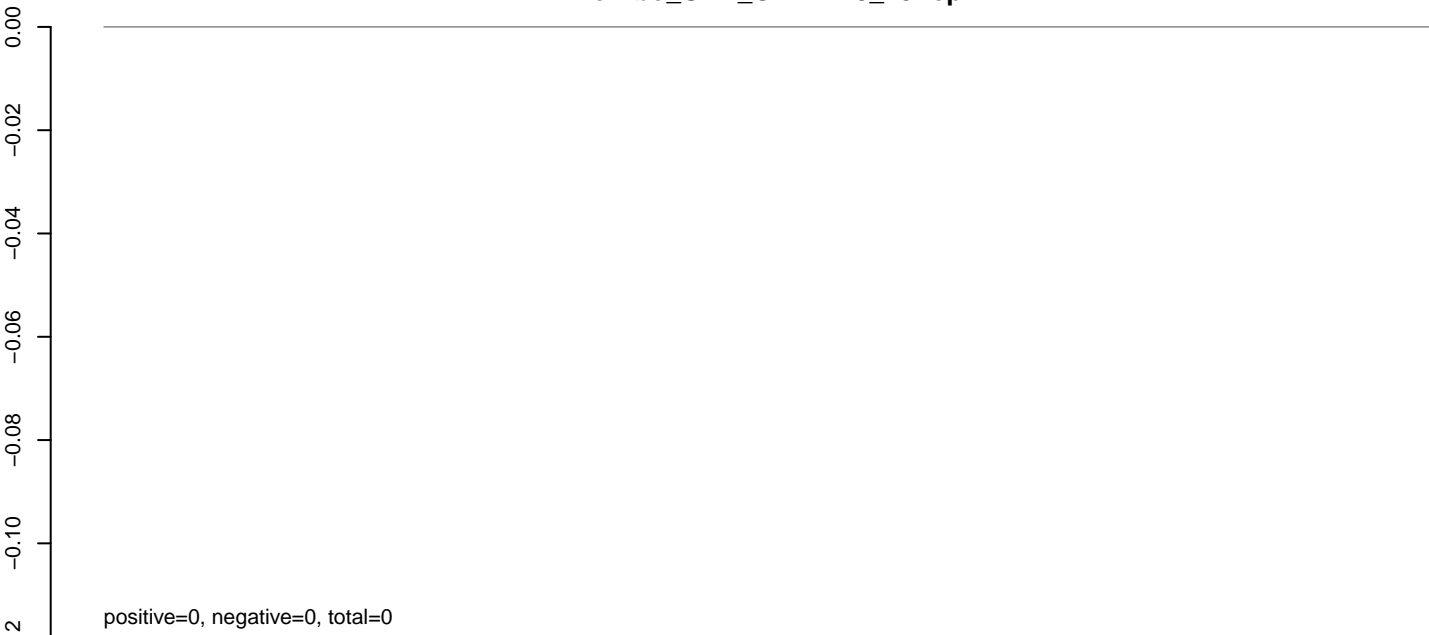
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



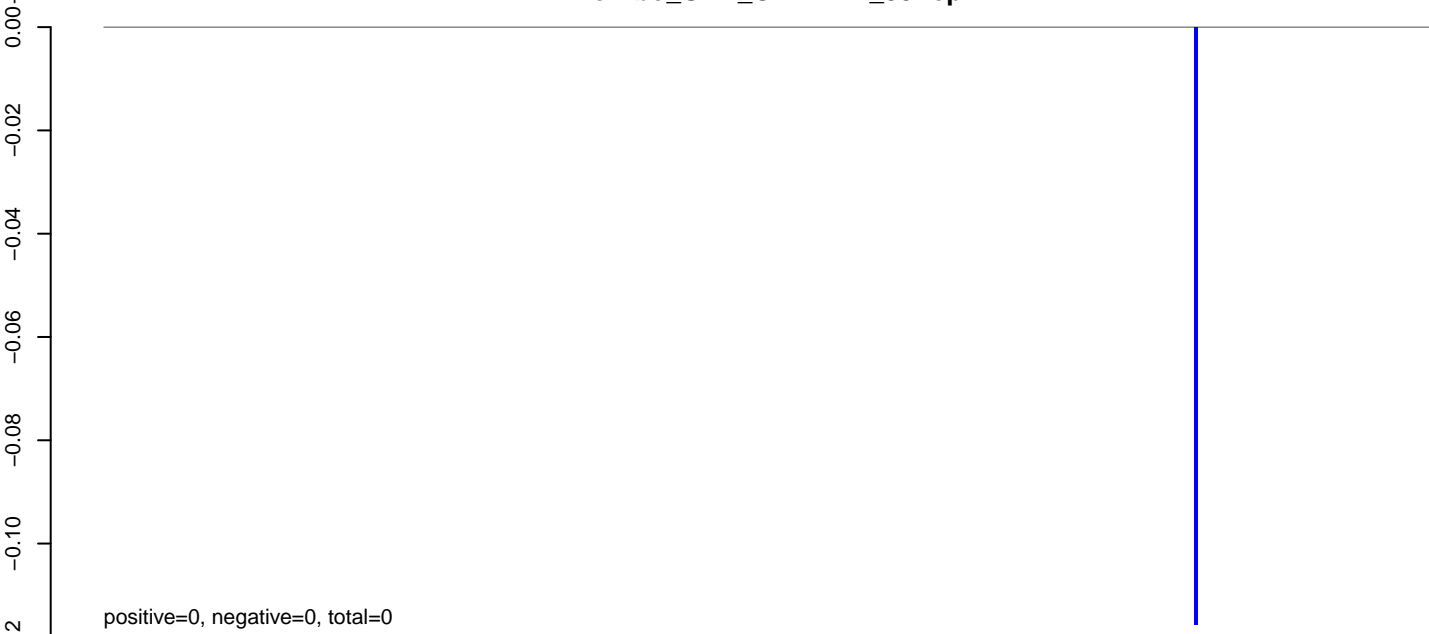
**AeAlbo\_U4.4\_CHIKV.rep**



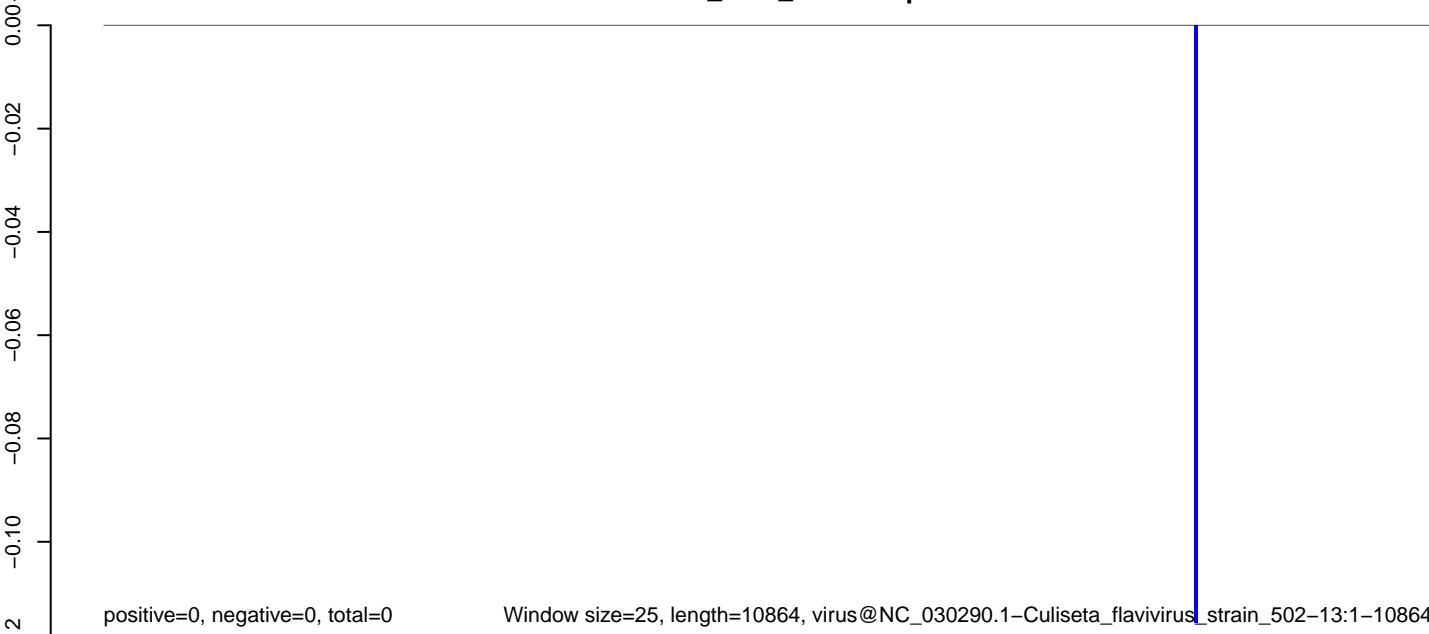
AeAlbo\_U4.4\_CHIKV.18\_23.rep



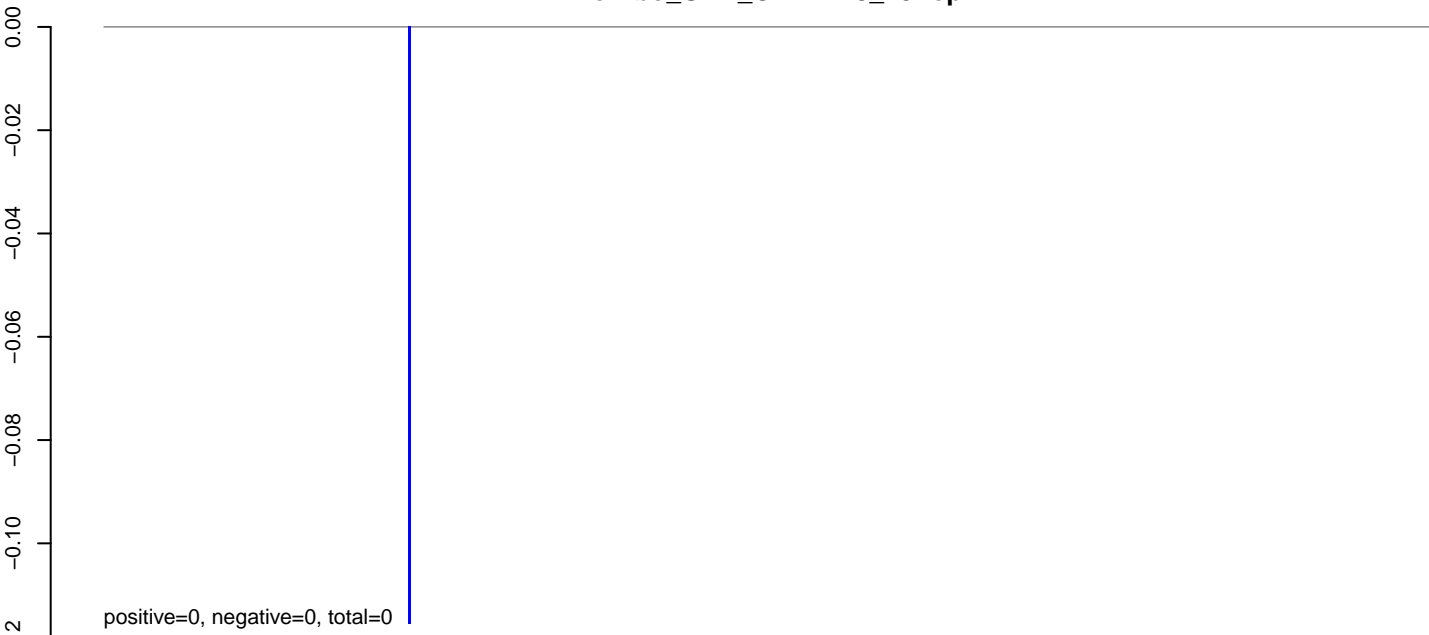
AeAlbo\_U4.4\_CHIKV.24\_35.rep



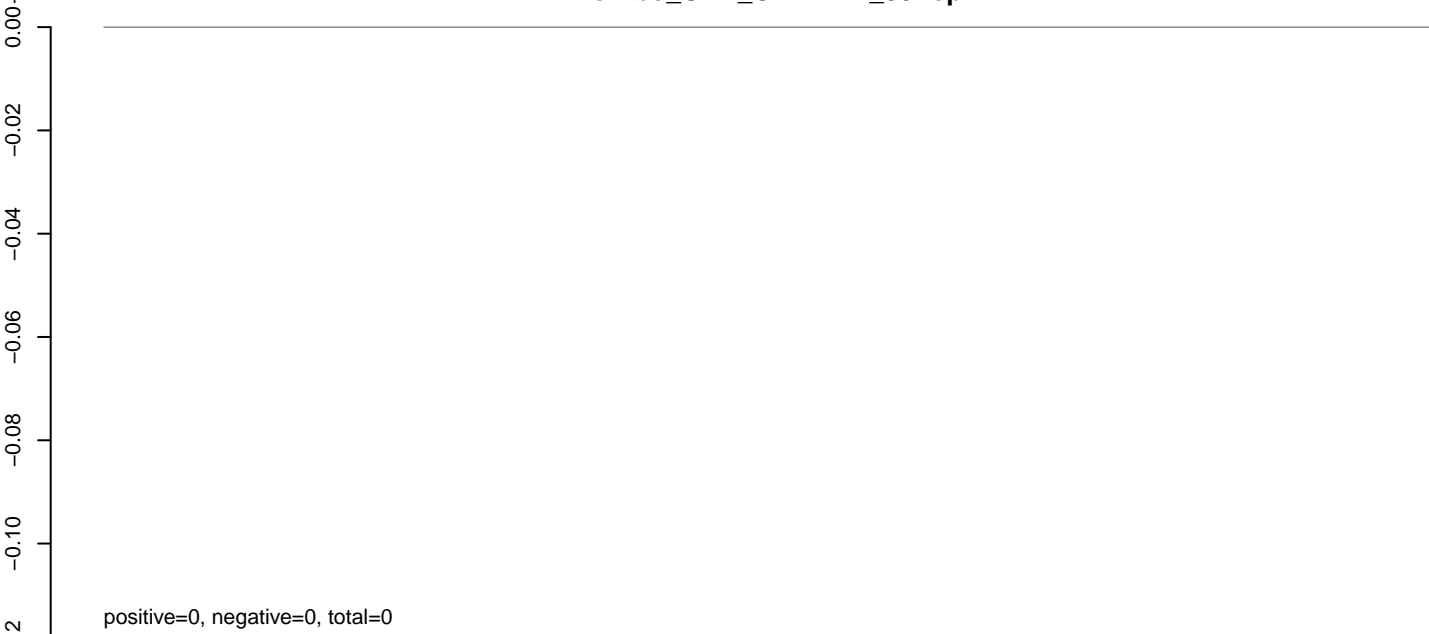
AeAlbo\_U4.4\_CHIKV.rep



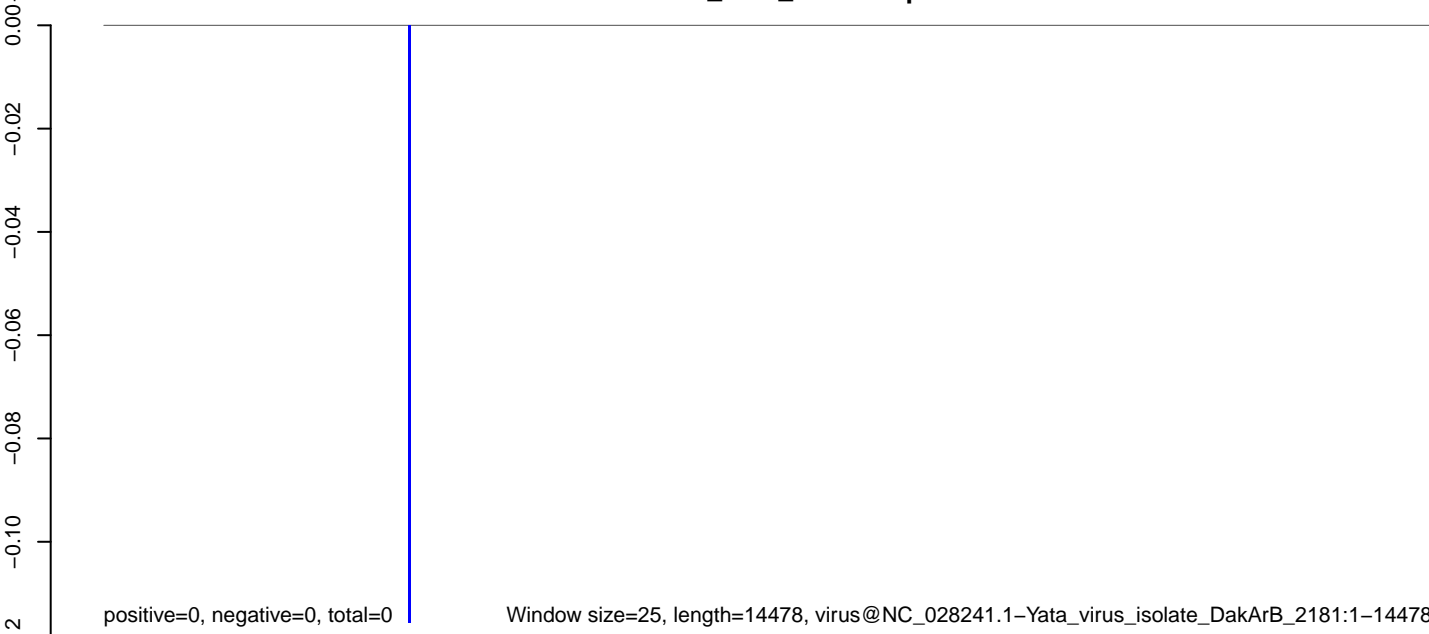
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



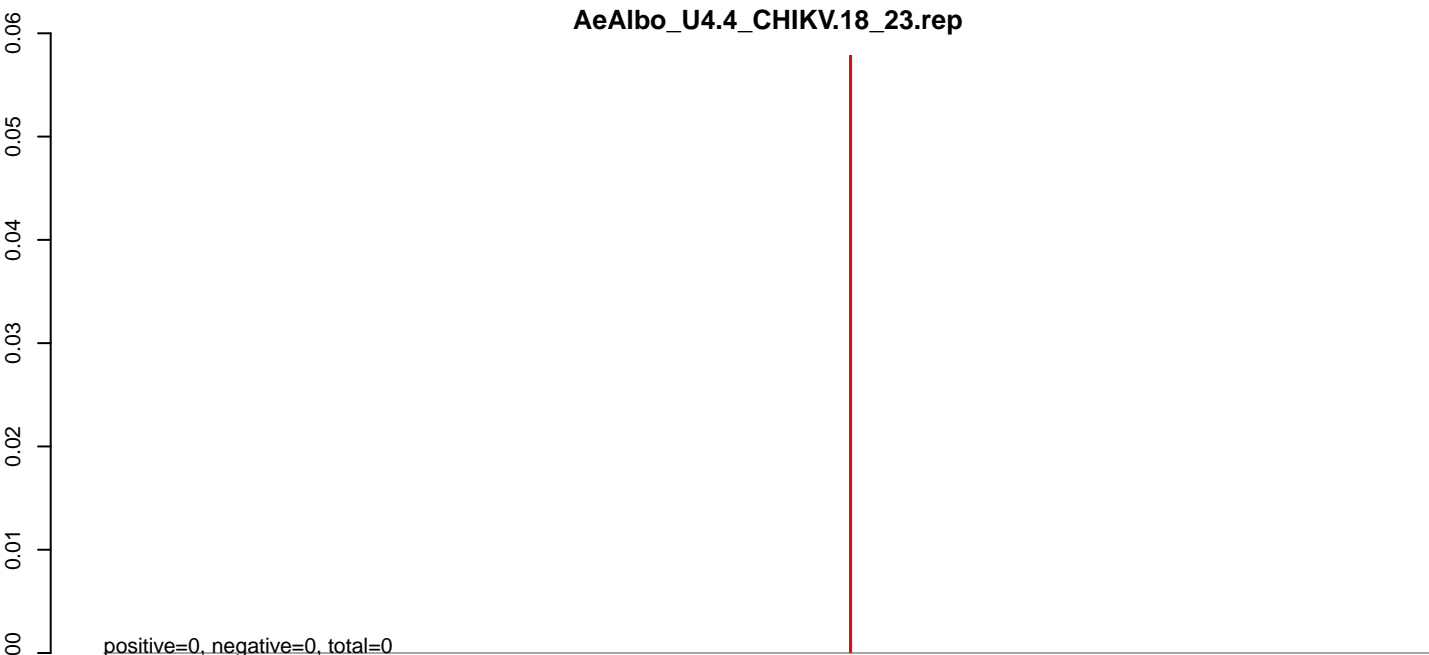
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



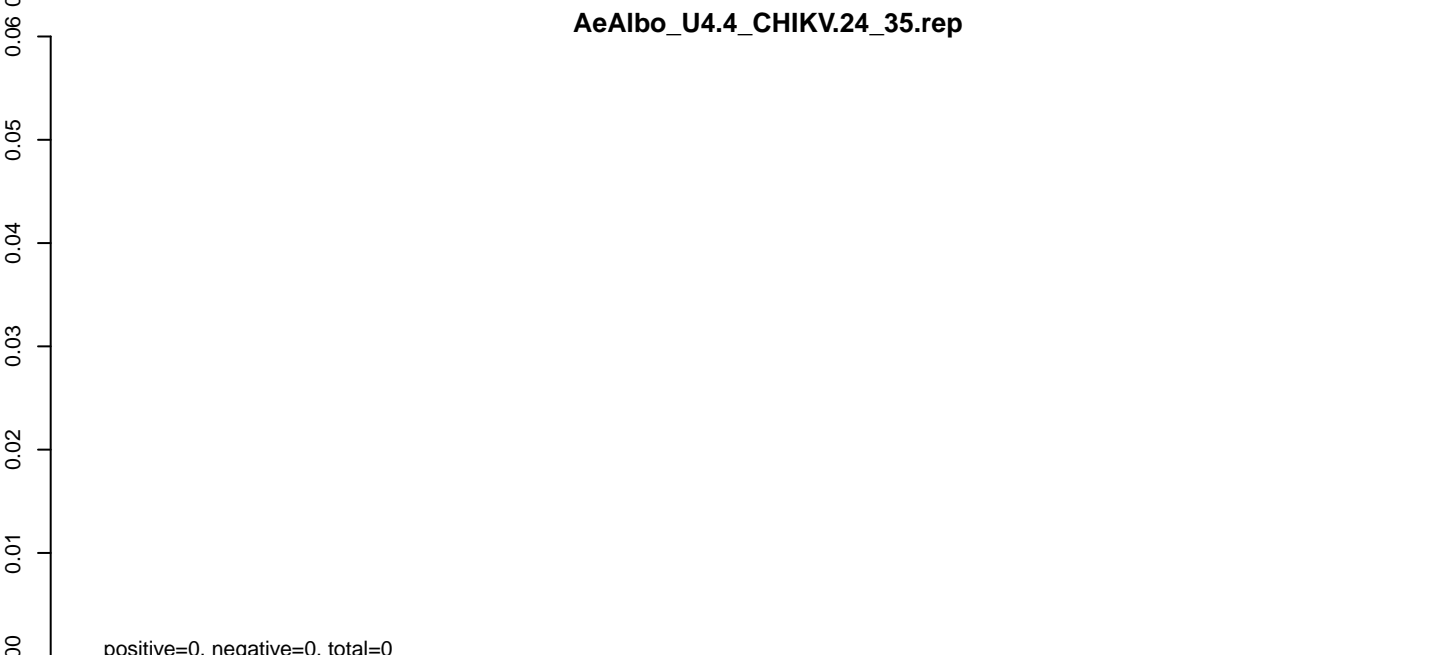
**AeAlbo\_U4.4\_CHIKV.rep**



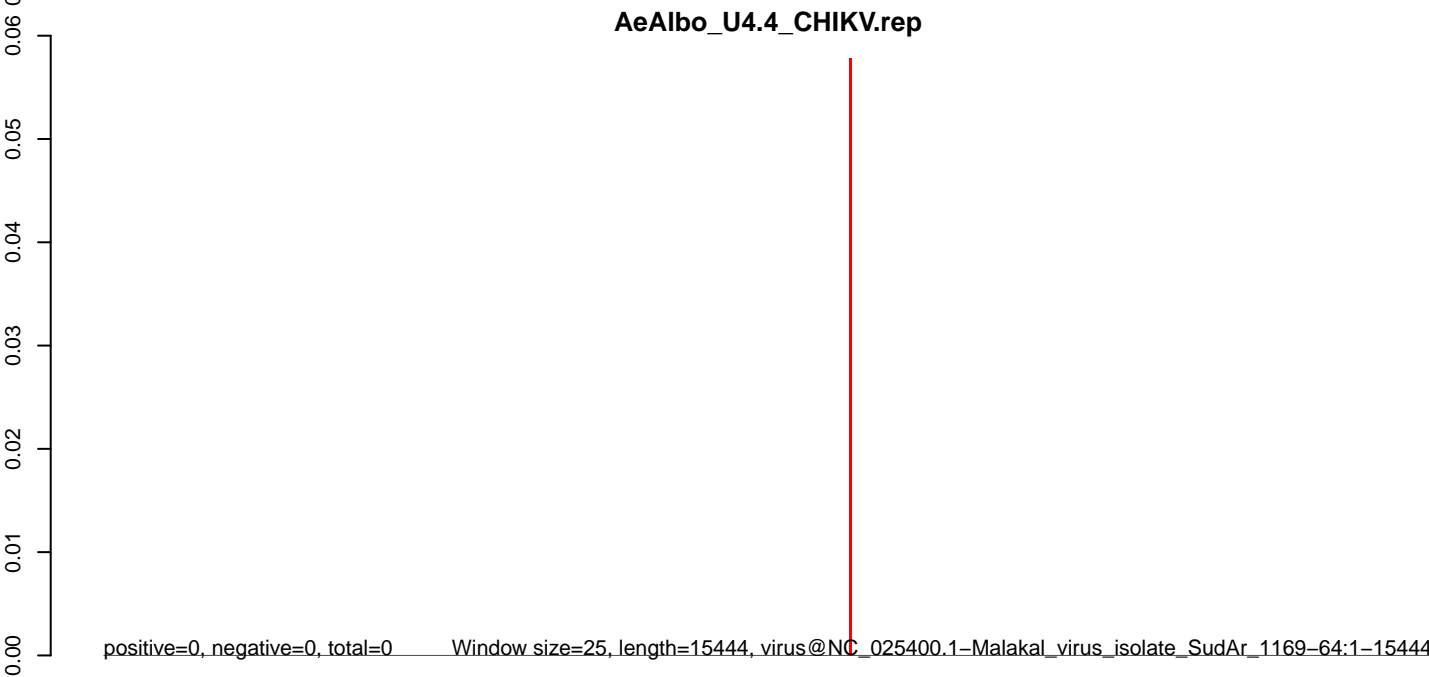
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



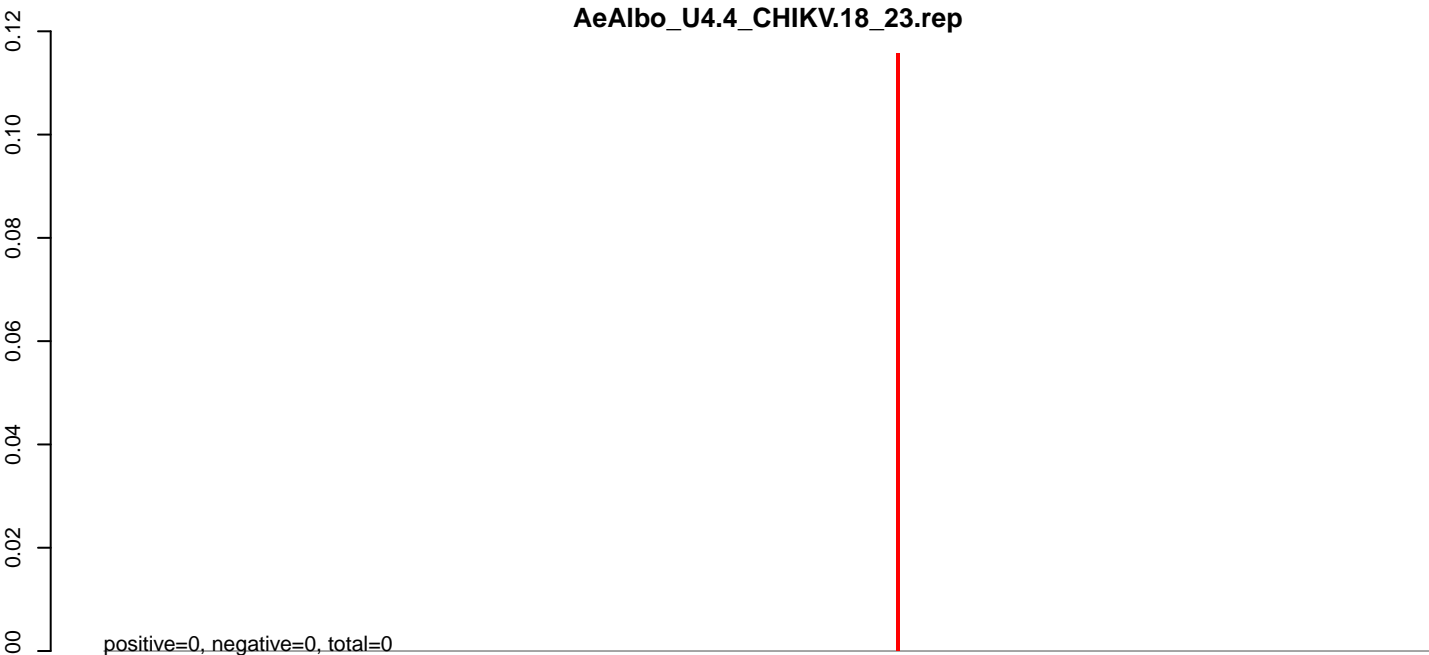
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



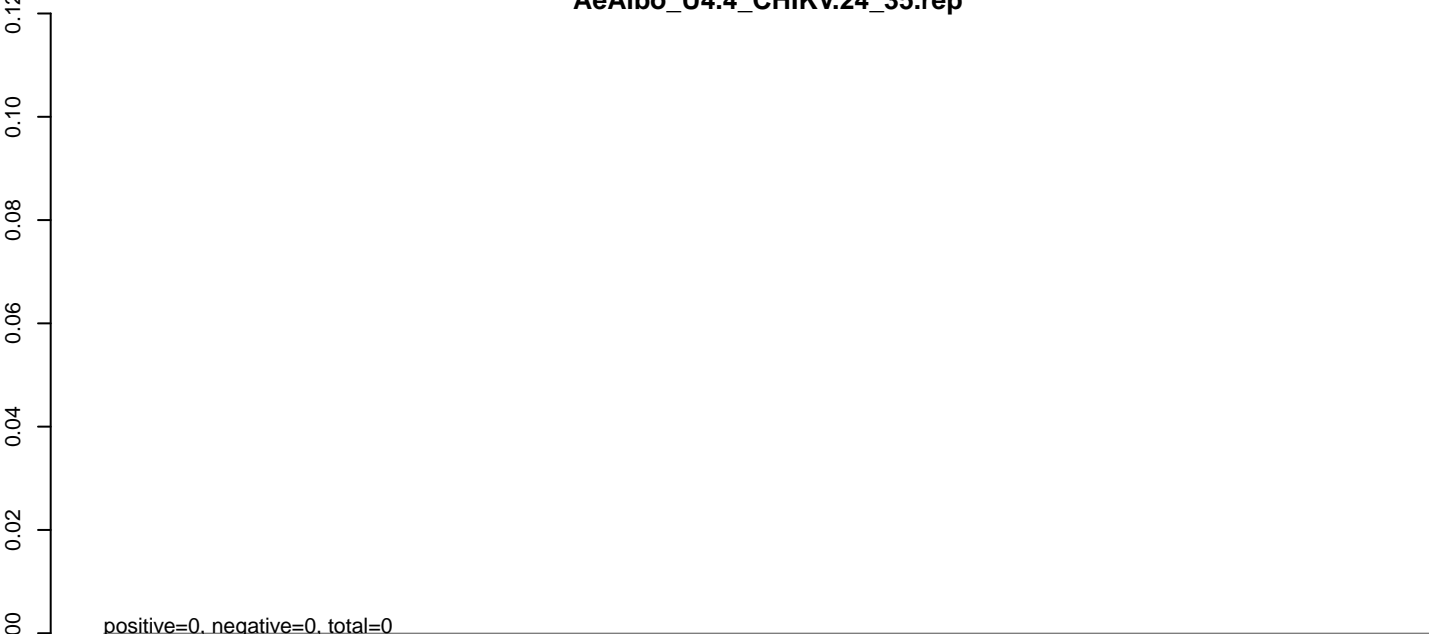
**AeAlbo\_U4.4\_CHIKV.rep**



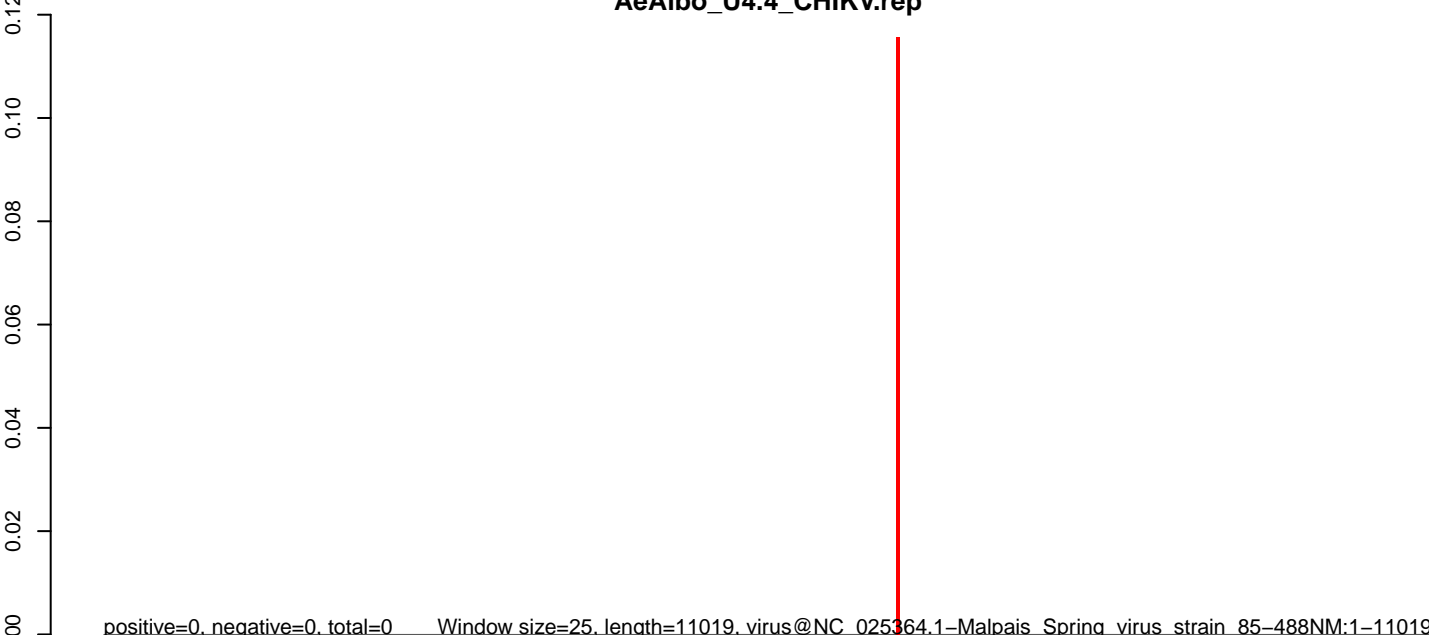
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



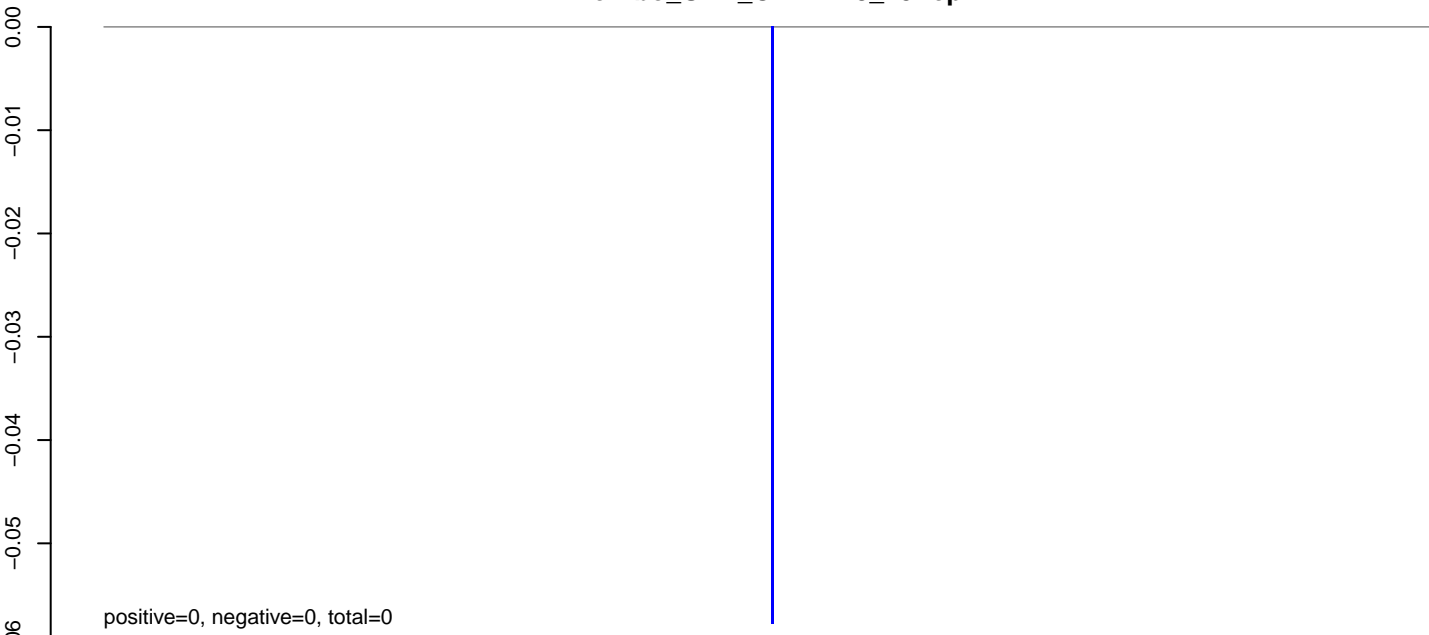
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



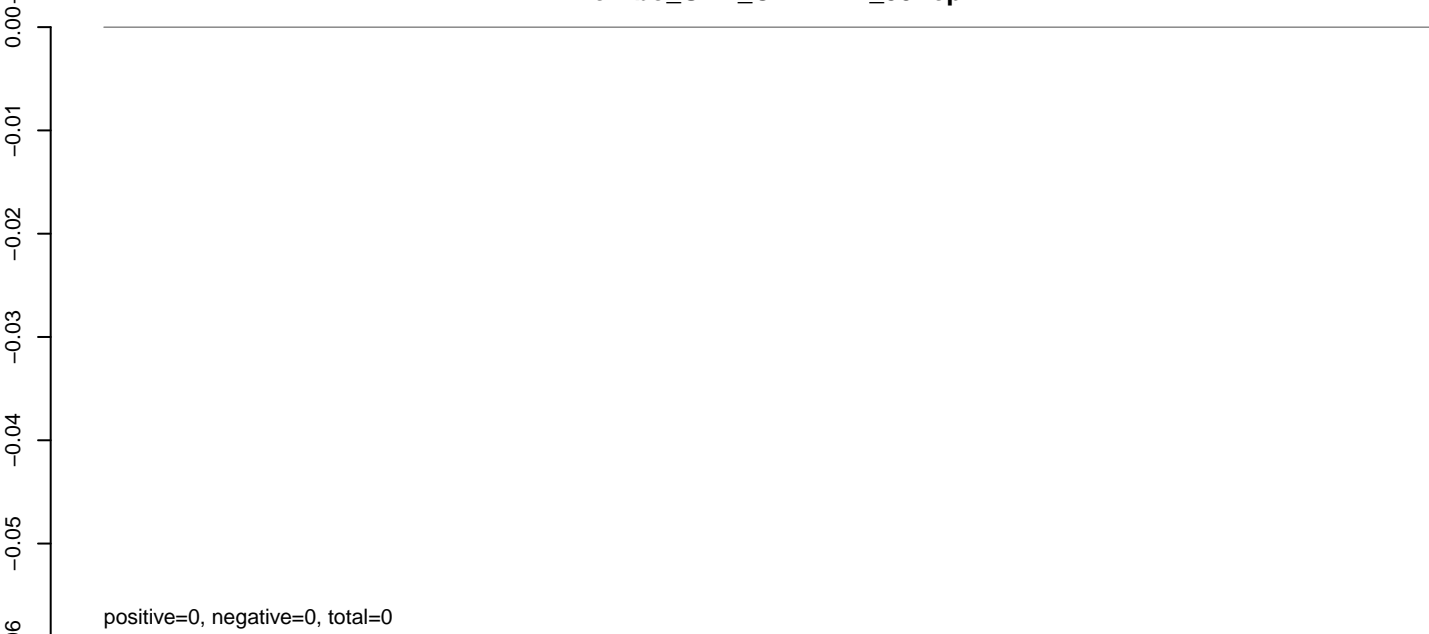
**AeAlbo\_U4.4\_CHIKV.rep**



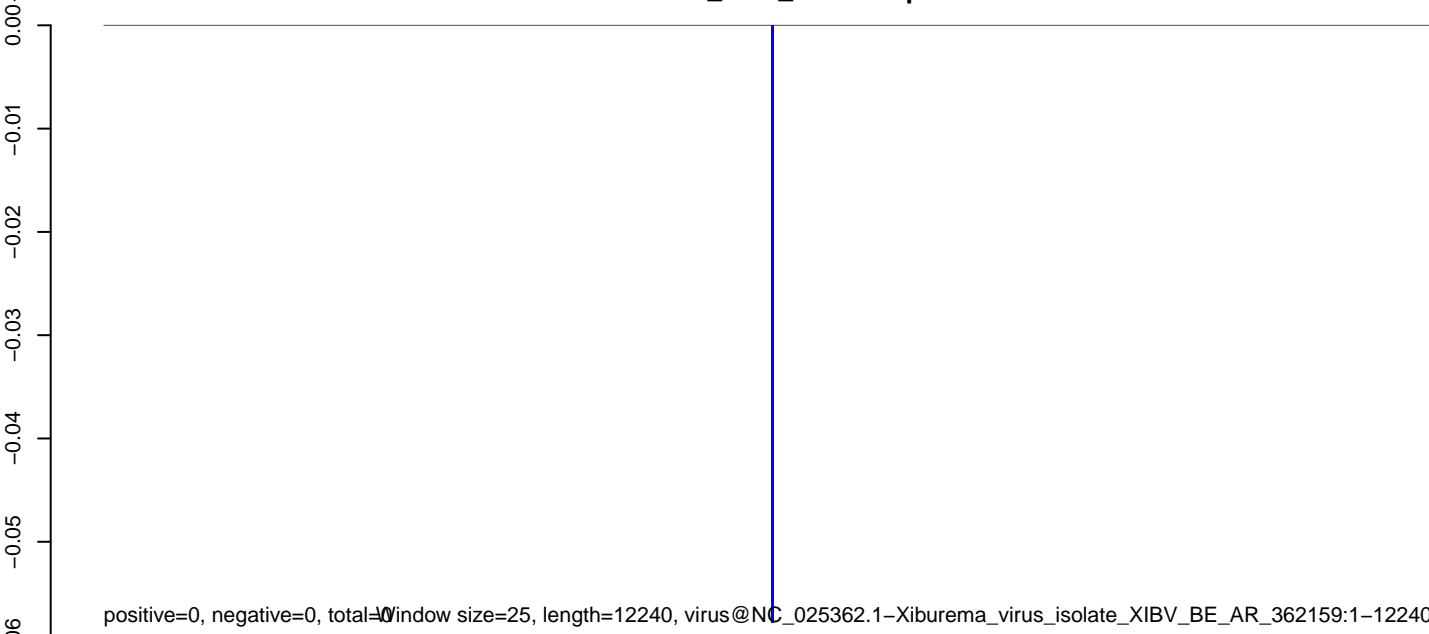
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



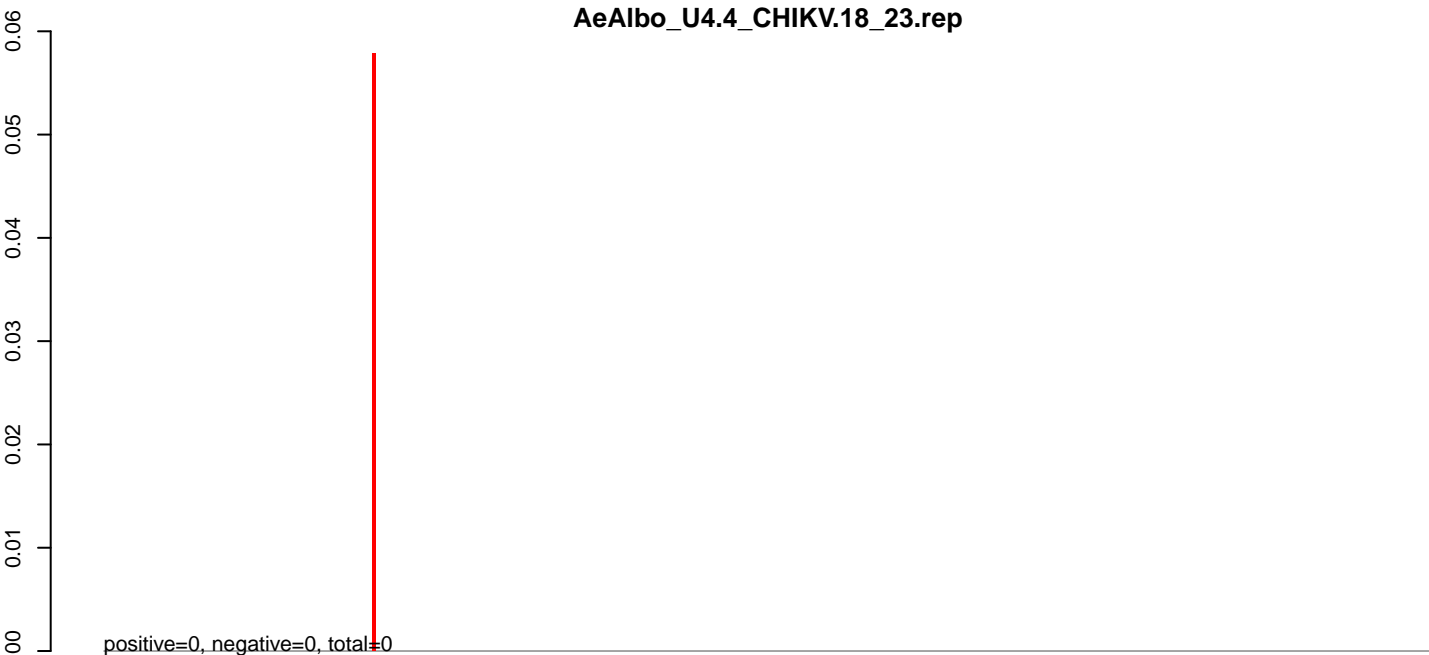
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



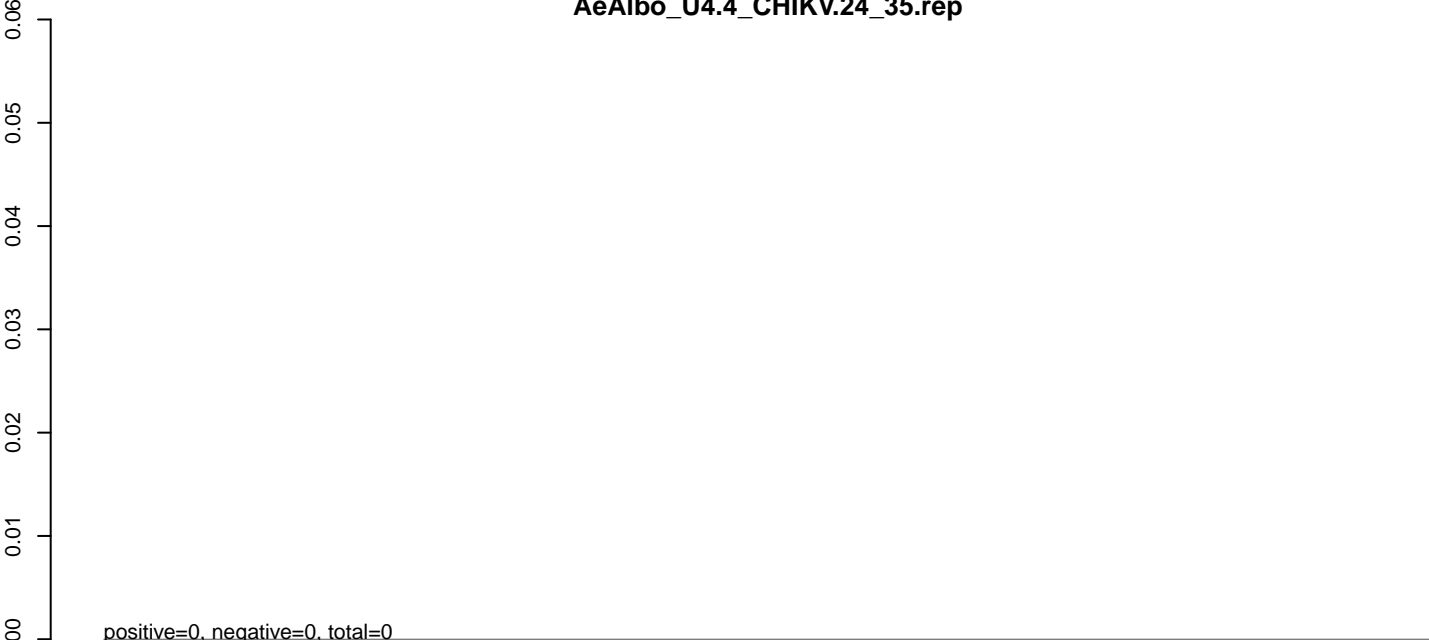
**AeAlbo\_U4.4\_CHIKV.rep**



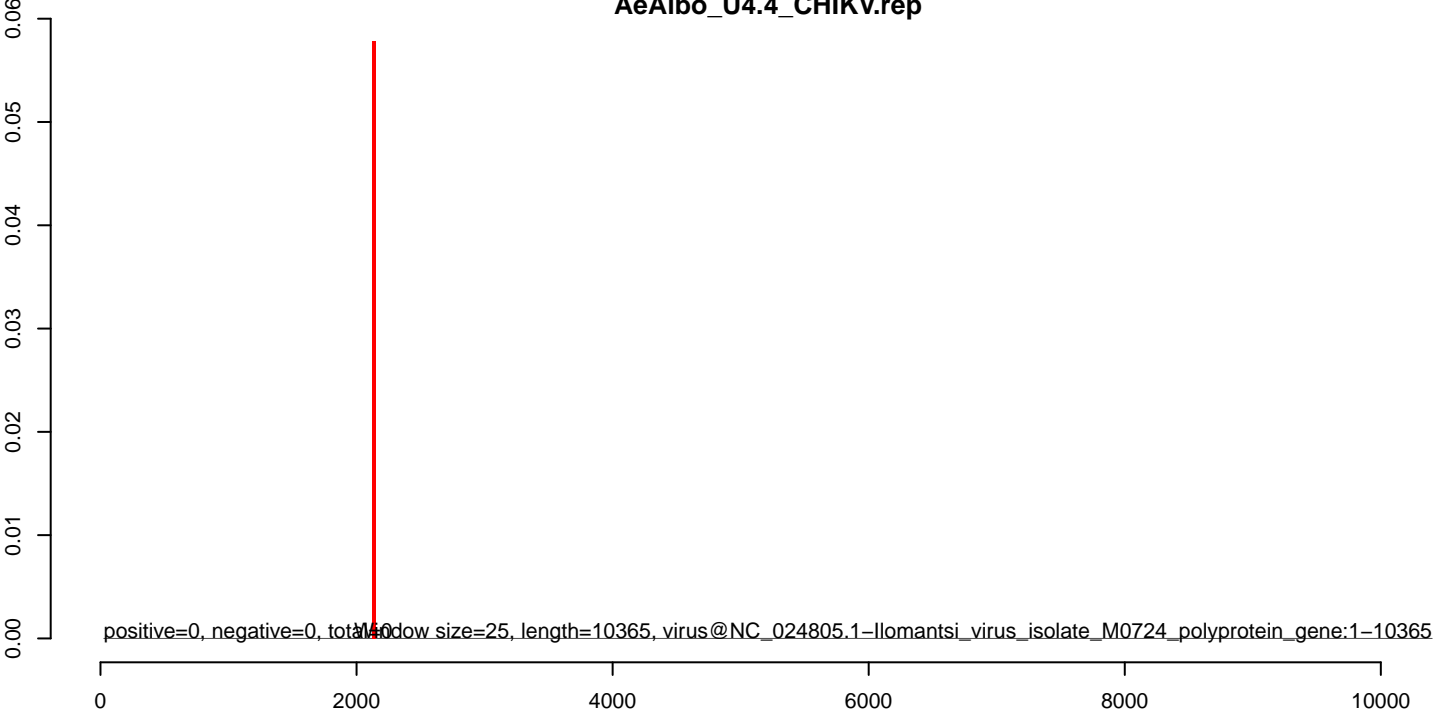
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

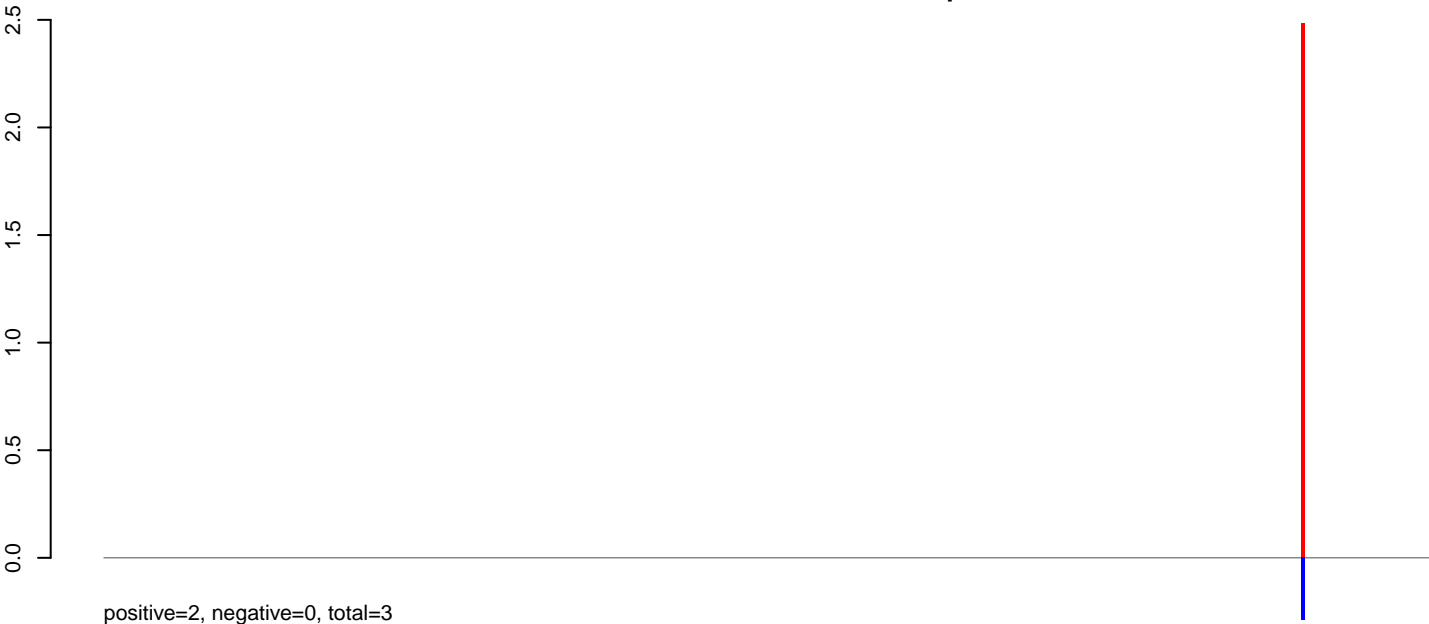


**AeAlbo\_U4.4\_CHIKV.rep**

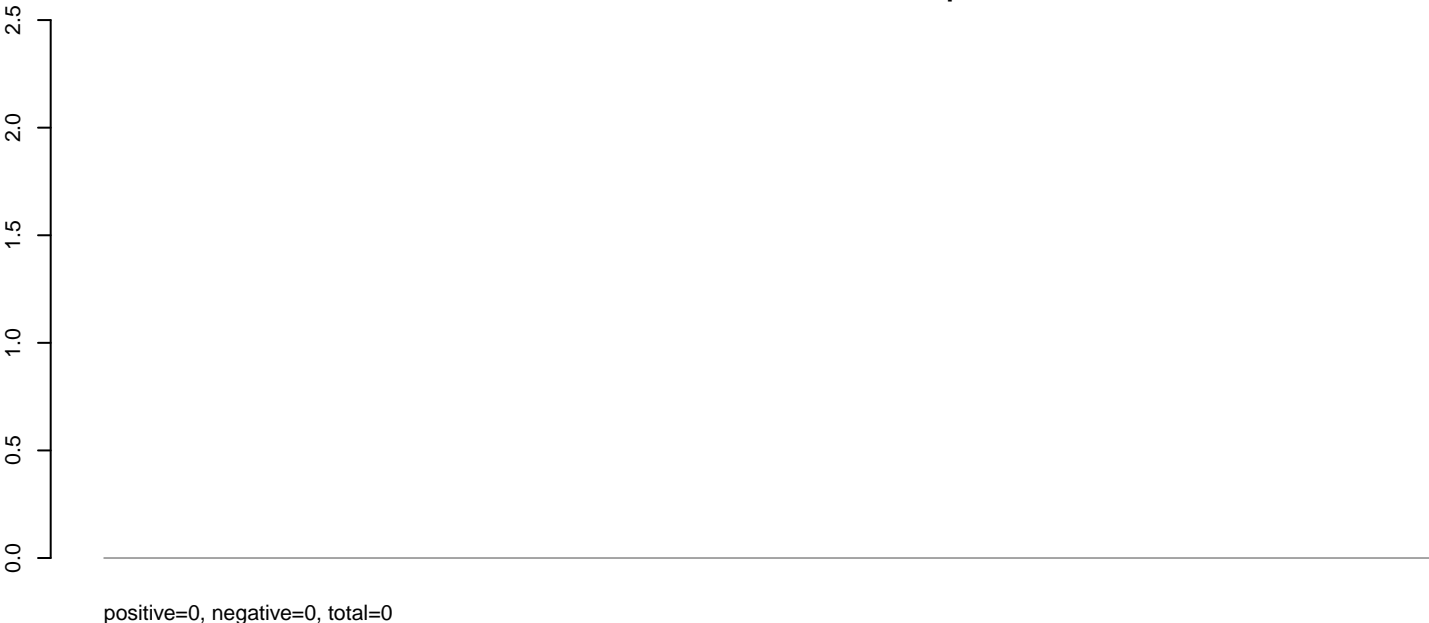




**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



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

0 2000 4000 6000 8000 10000

AeAlbo\_U4.4\_CHIKV.18\_23.rep

0.00  
-0.01  
-0.02  
-0.03  
-0.04  
-0.05  
-0.06  
0.00  
-0.01  
-0.02  
-0.03  
-0.04  
-0.05  
-0.06  
0.00  
-0.01  
-0.02  
-0.03  
-0.04  
-0.05  
-0.06  
0.00  
-0.01  
-0.02  
-0.03  
-0.04  
-0.05  
-0.06

positive=0, negative=0, total=0

AeAlbo\_U4.4\_CHIKV.24\_35.rep

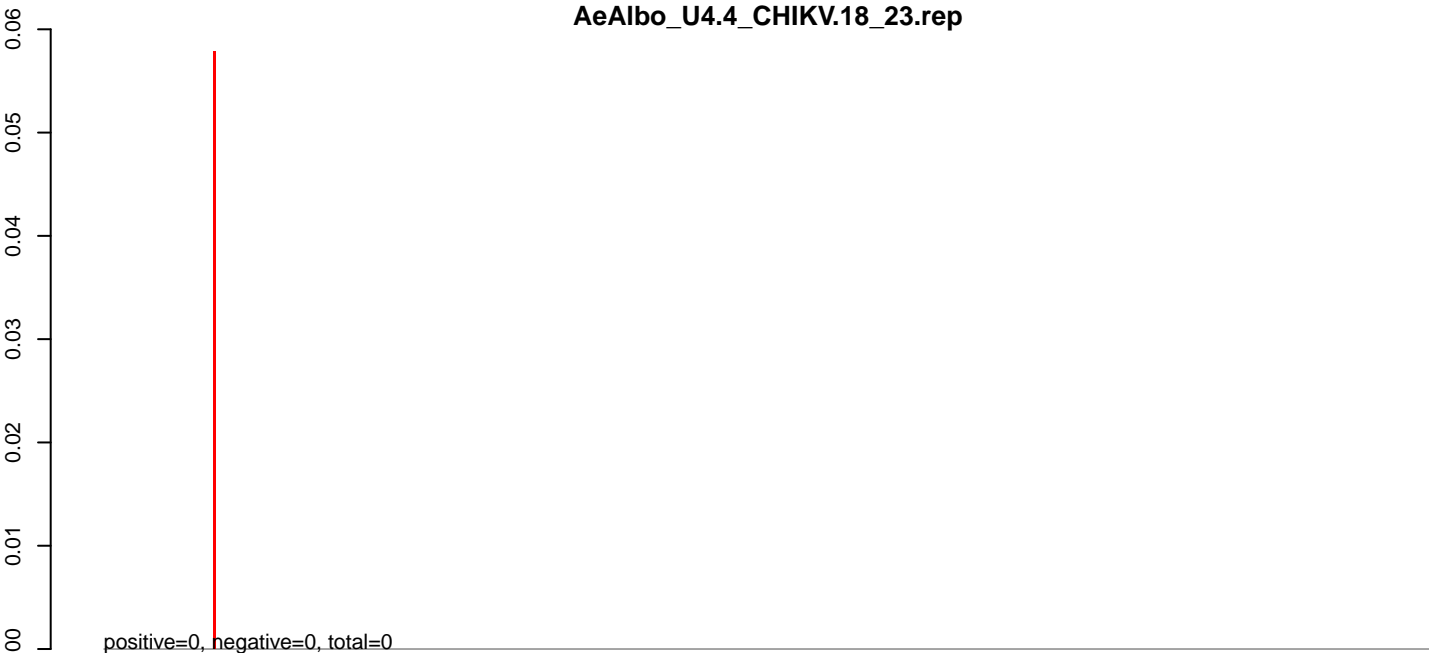
positive=0, negative=0, total=0

AeAlbo\_U4.4\_CHIKV.rep

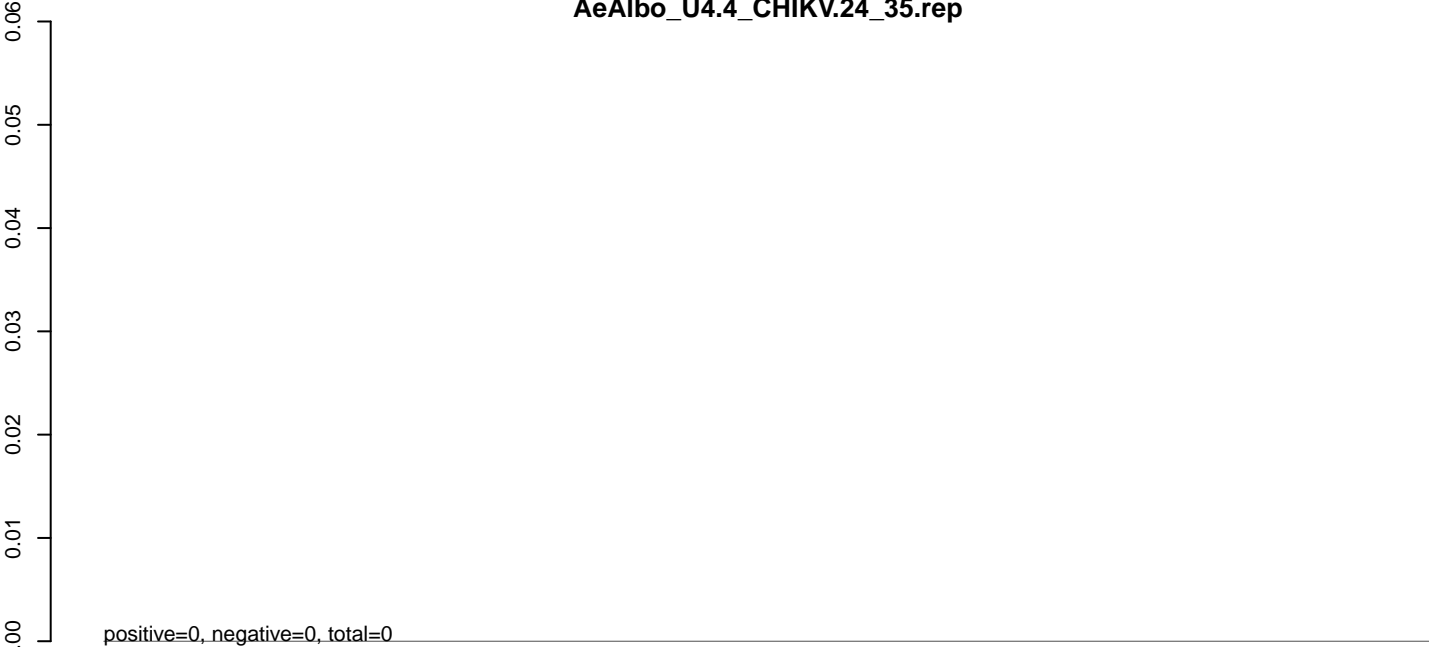
positive=0, negative=0, total=0 window size=25, length=10673, virus@NC\_023424.1-Tyuleniy\_virus\_strain\_LEIV-6C\_polyprotein\_gene:1-10673

0 2000 4000 6000 8000 10000

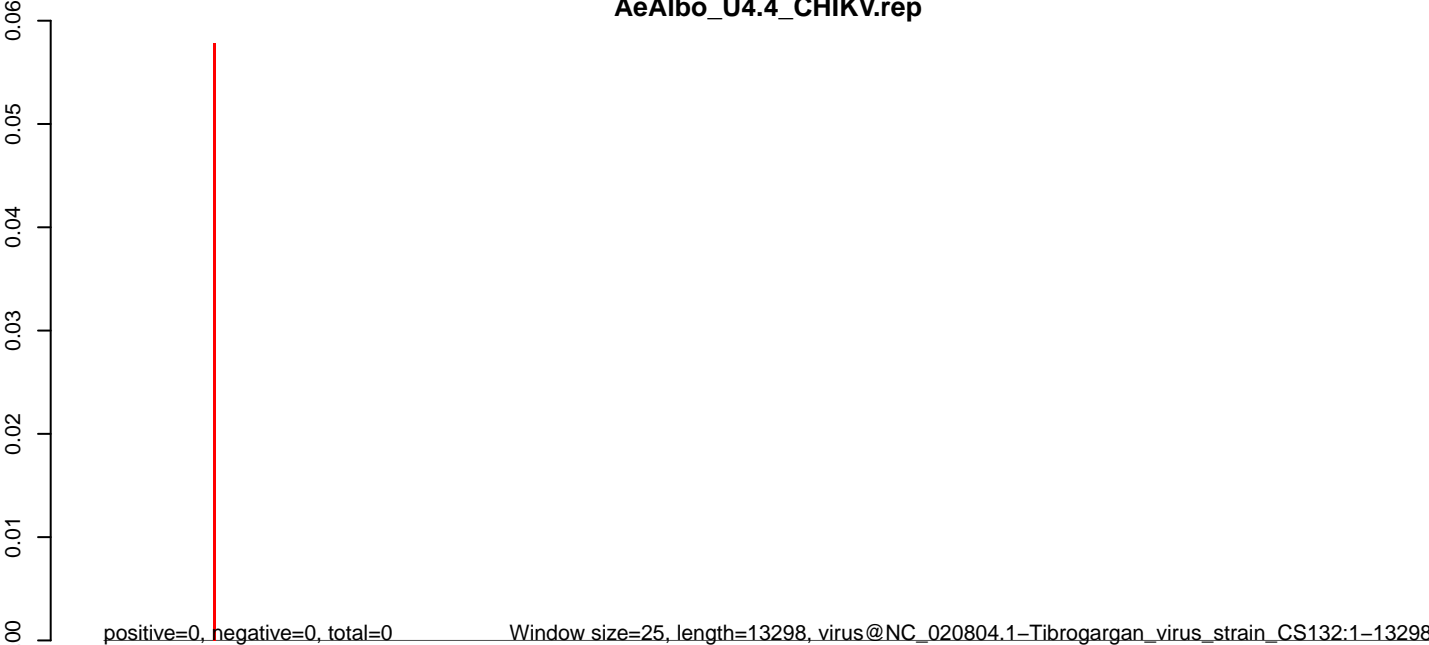
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



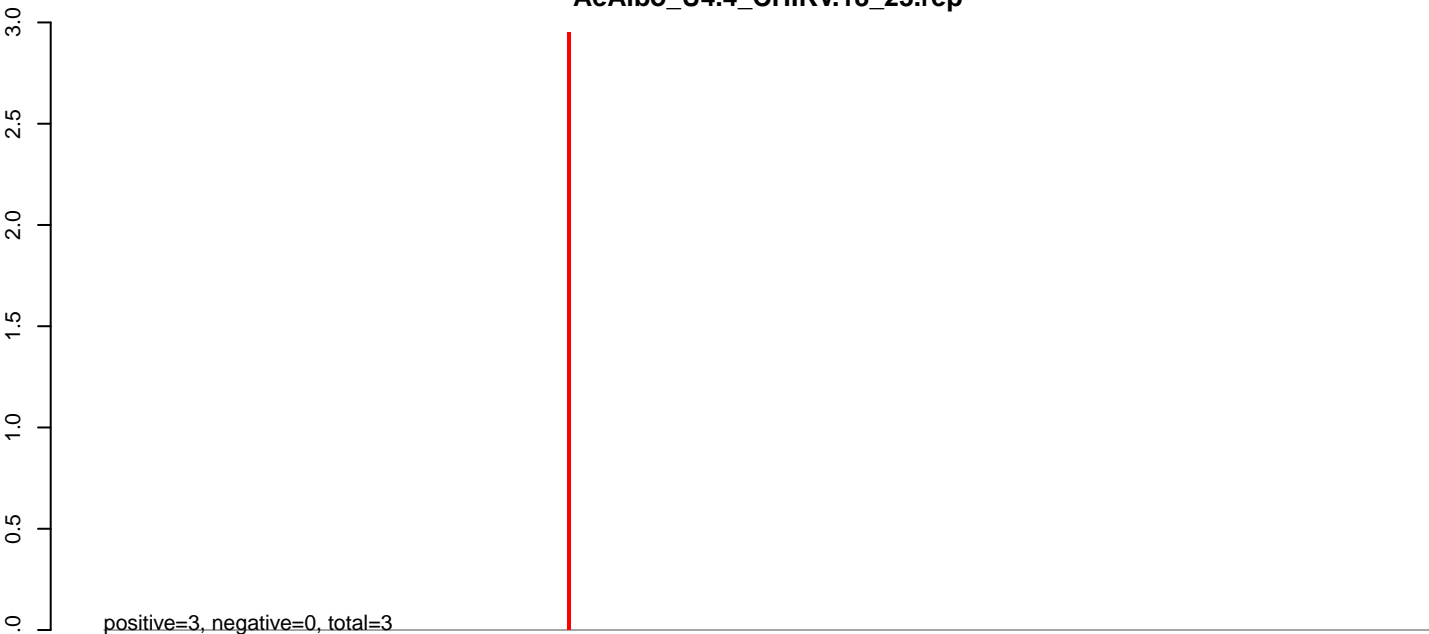
**AeAlbo\_U4.4\_CHIKV.rep**



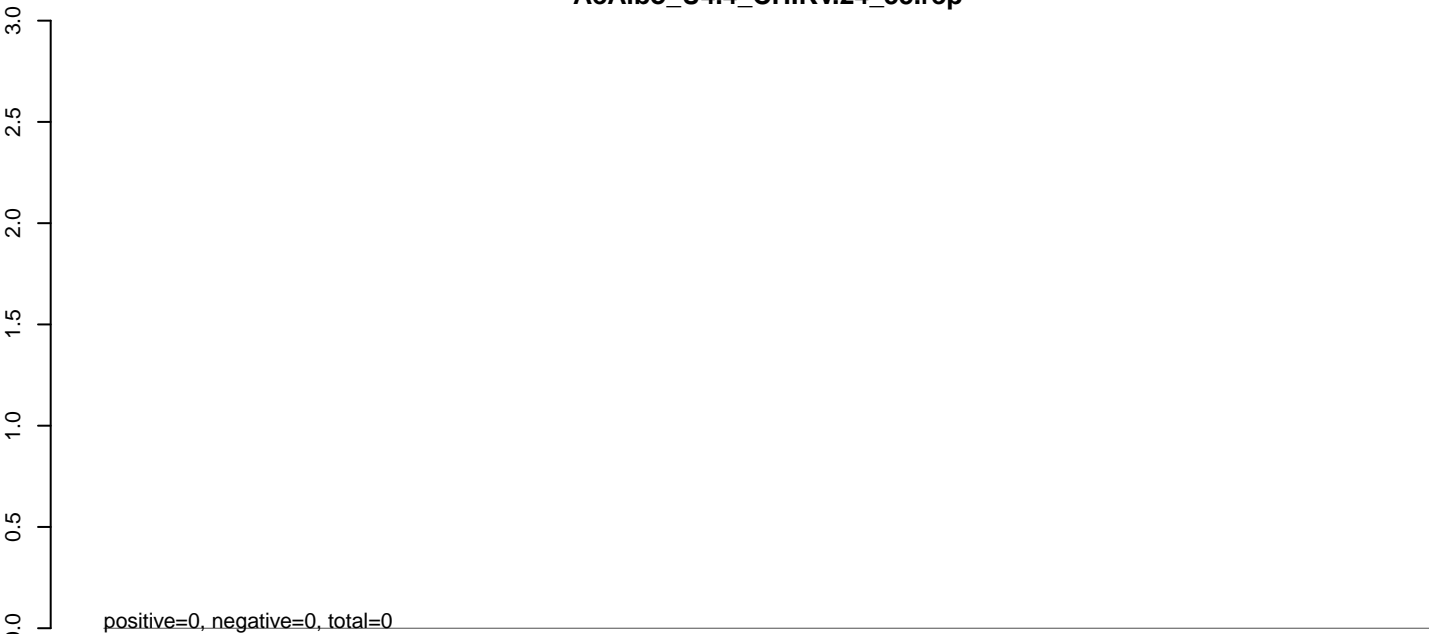
Window size=25, length=13298, virus@NC\_020804.1-Tibrogargan\_virus\_strain\_CS132:1-13298

0 2000 4000 6000 8000 10000 12000

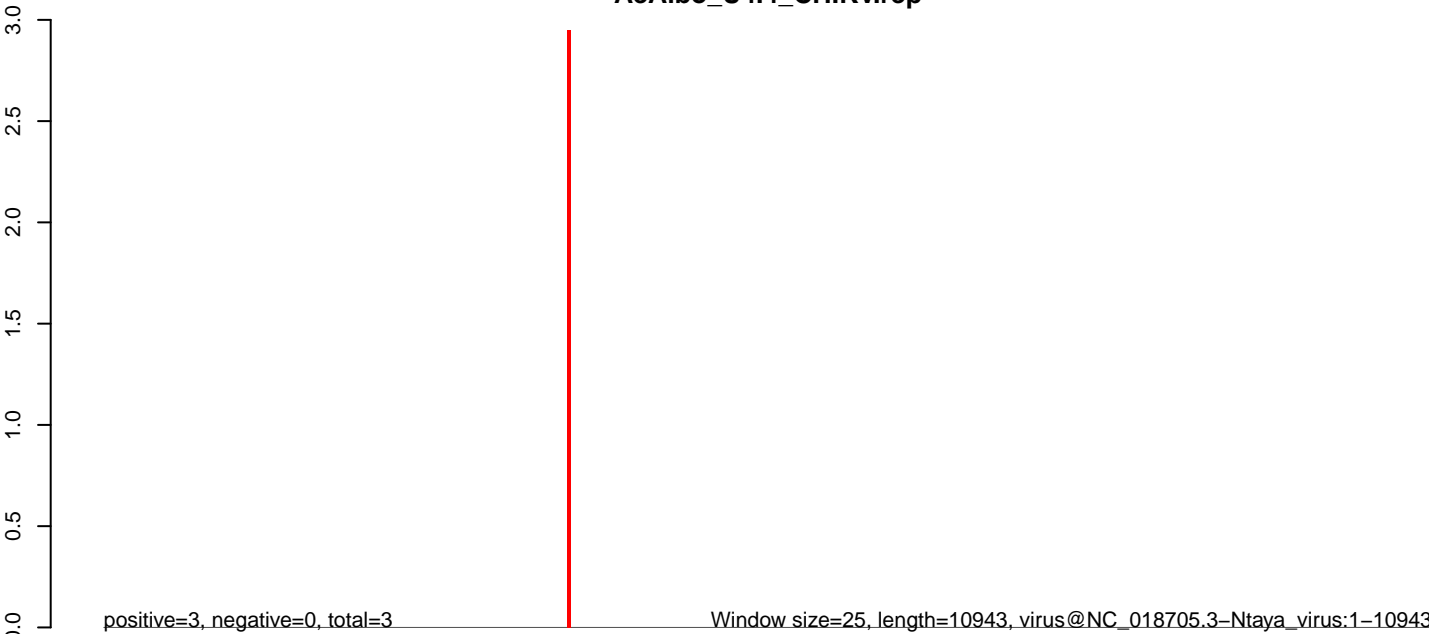
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



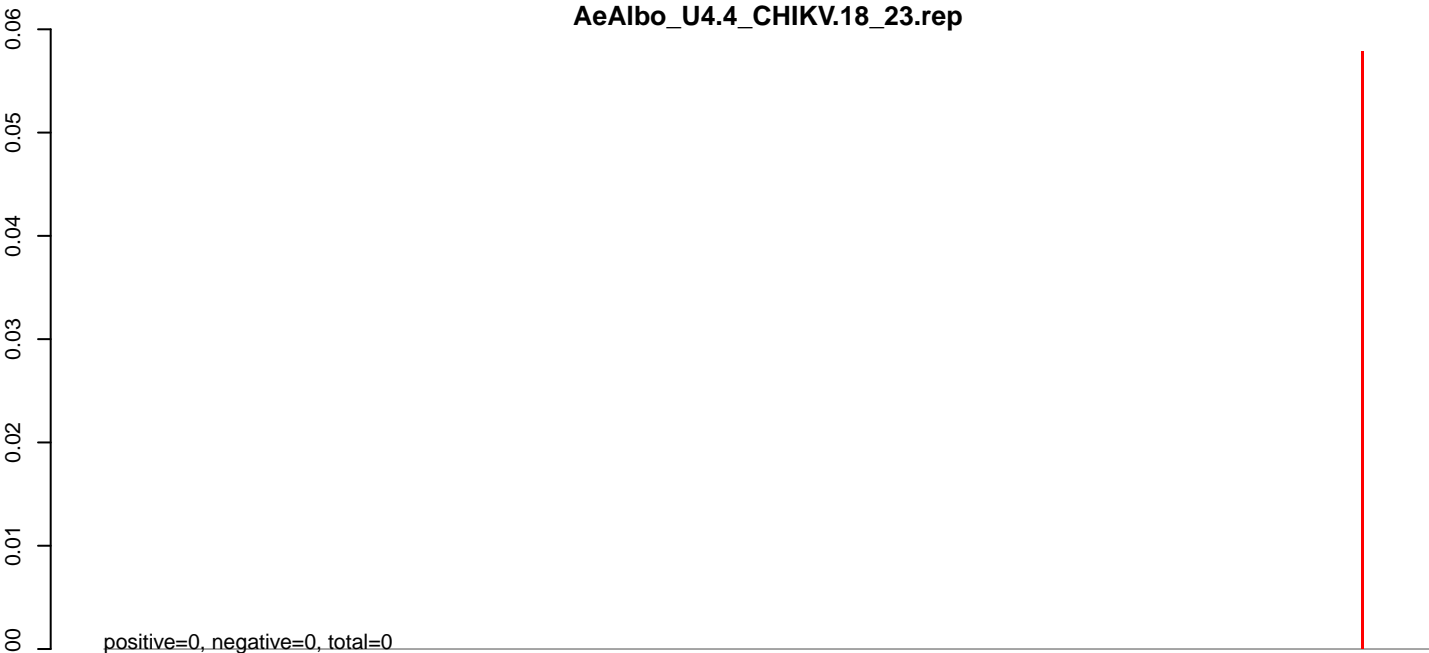
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

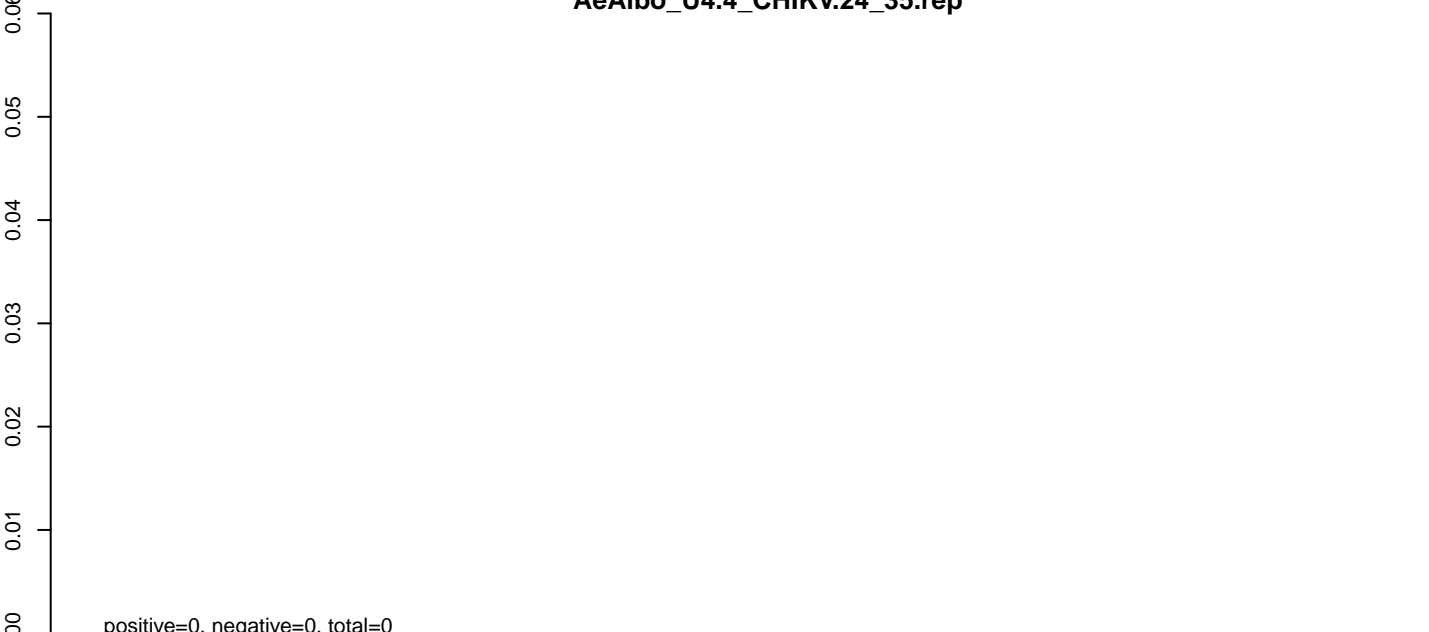


**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



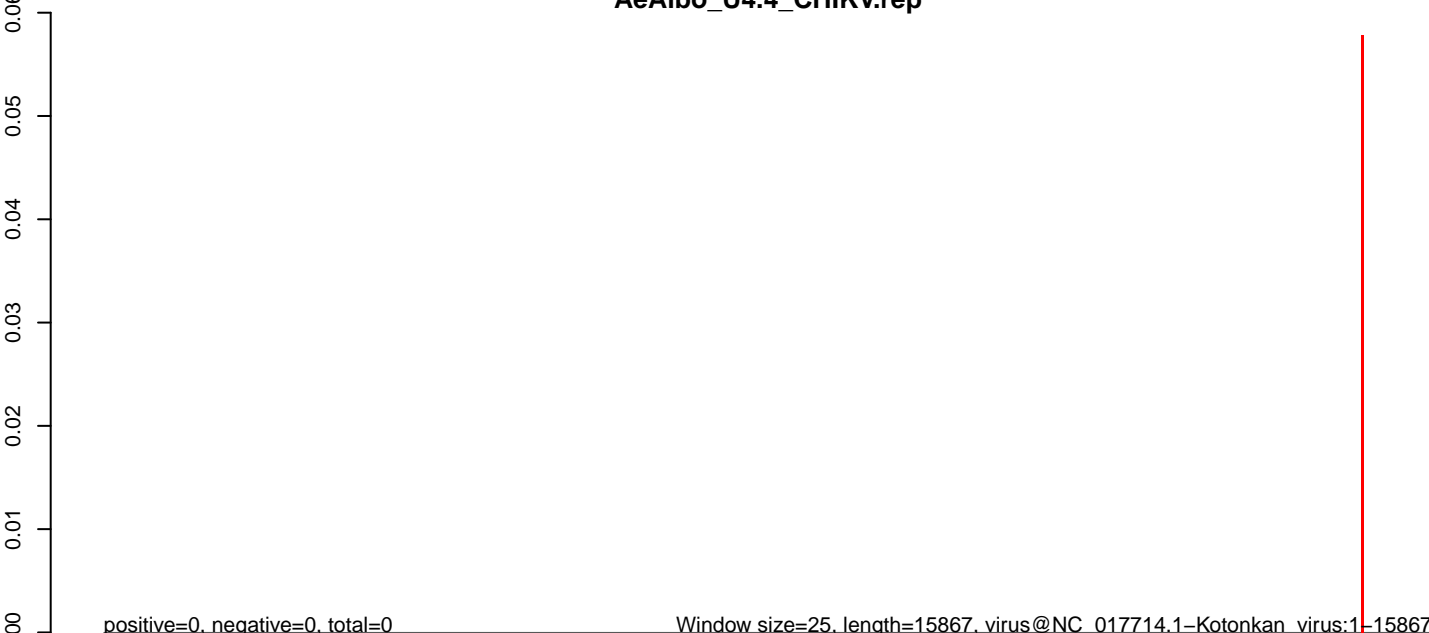
positive=0, negative=0, total=0

**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



positive=0, negative=0, total=0

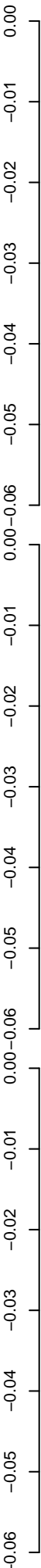
**AeAlbo\_U4.4\_CHIKV.rep**



positive=0, negative=0, total=0

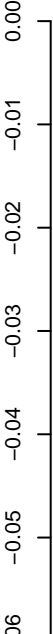
Window size=25, length=15867, virus@NC\_017714.1-Kotonkan\_virus:1-15867

**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



positive=0, negative=0, total=0

**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



positive=0, negative=0, total=0

**AeAlbo\_U4.4\_CHIKV.rep**

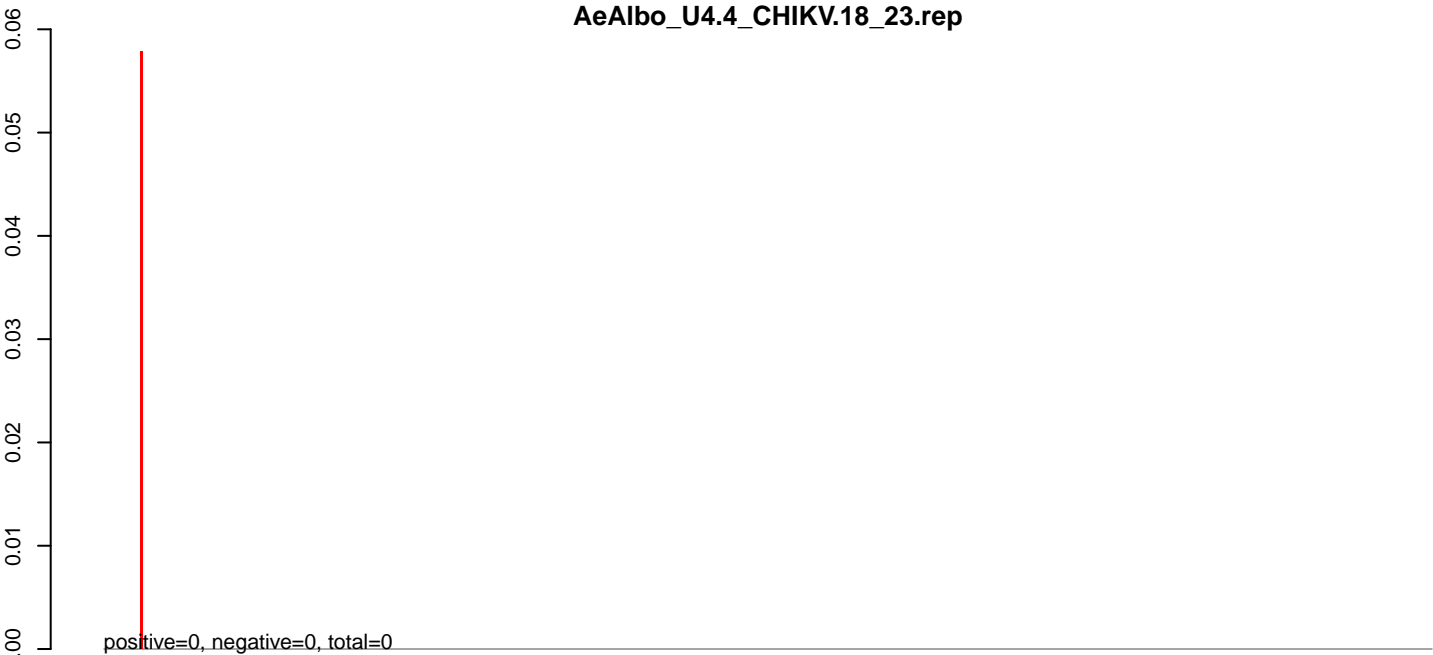


positive=0, negative=0, total=0

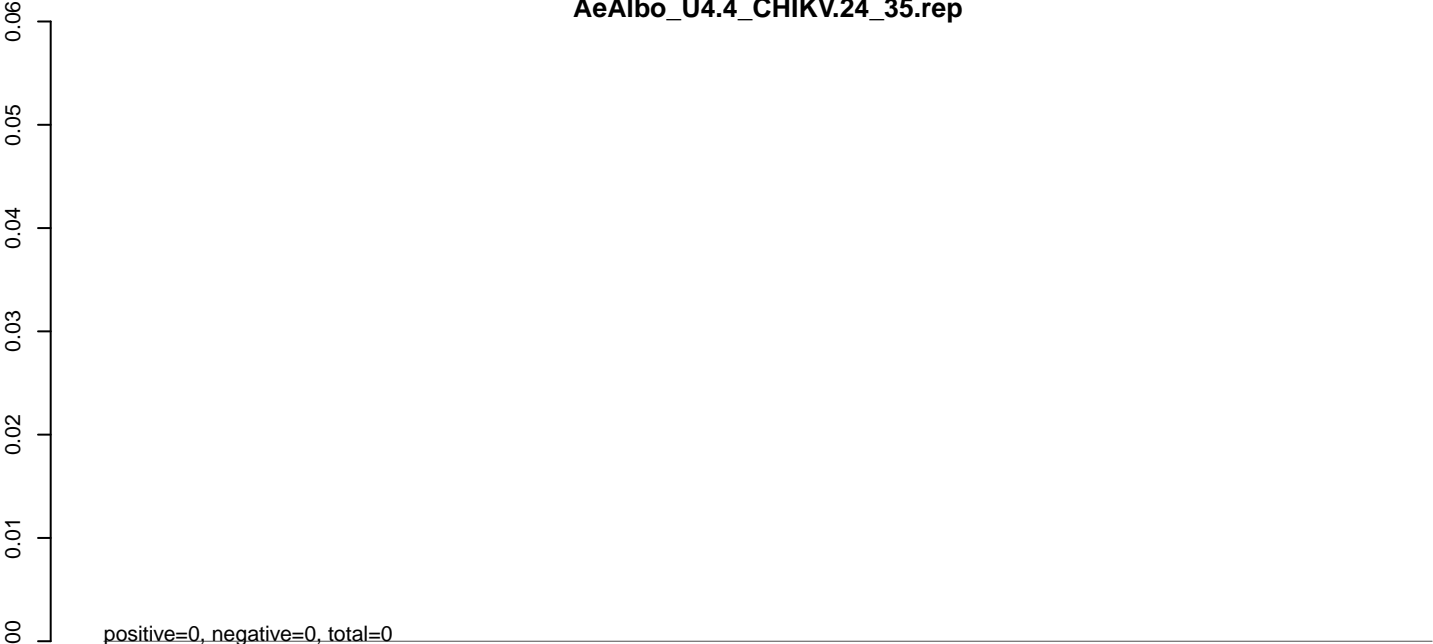
Window size=25, length=10733, virus@NC\_017086.1-Chaoyang\_virus:1-10733



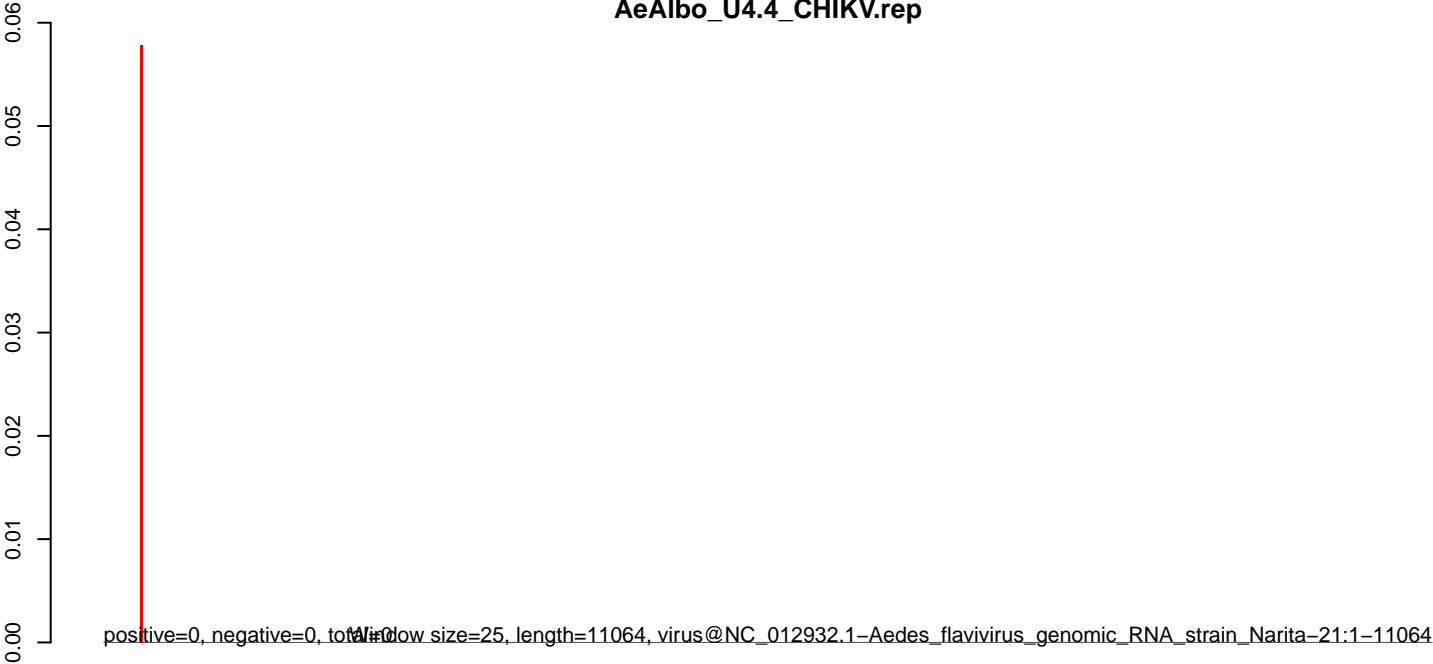
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

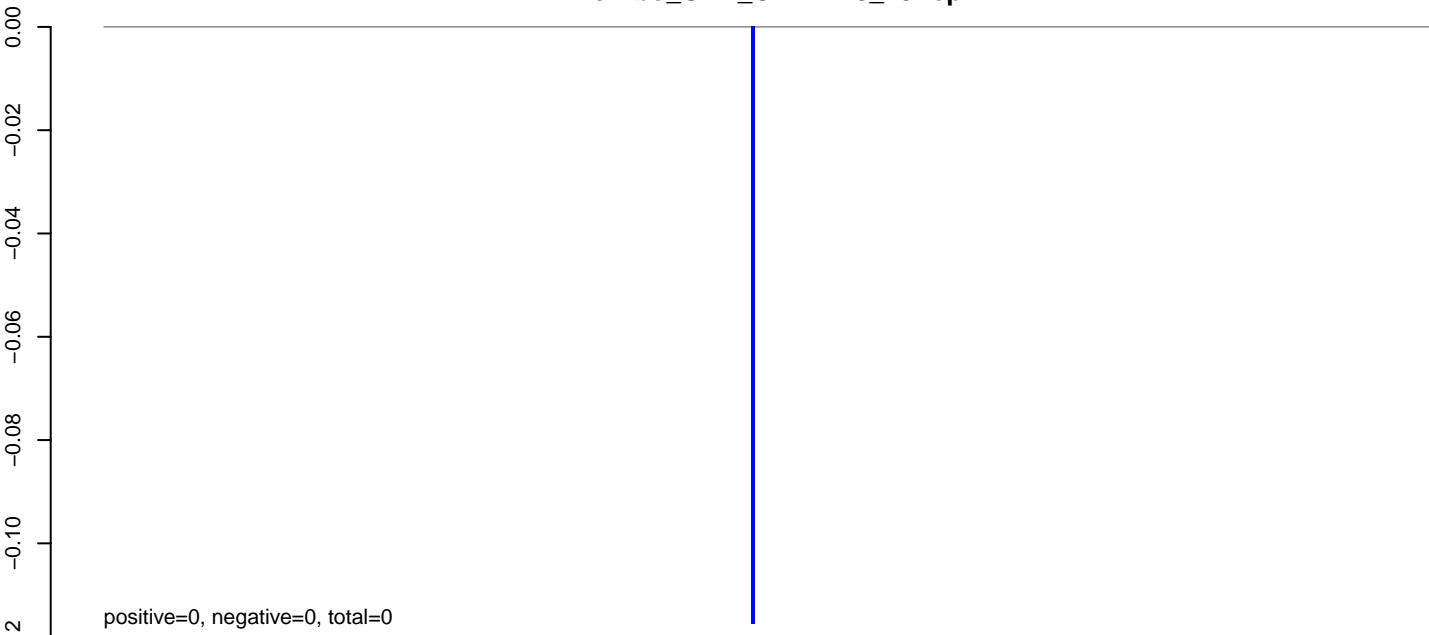


**AeAlbo\_U4.4\_CHIKV.rep**

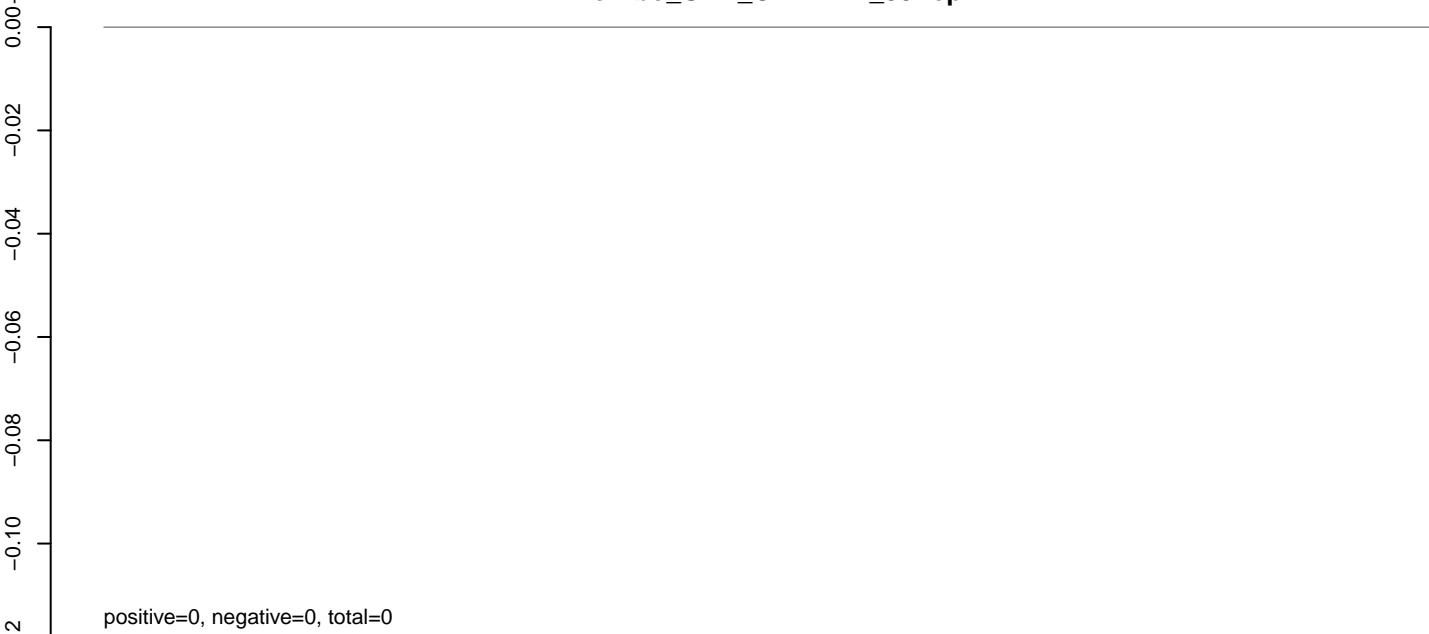


low size=25, length=11064, virus@NC\_012932.1-Aedes\_flavivirus\_genomic\_RNA\_strain\_Narita-21:1-11064

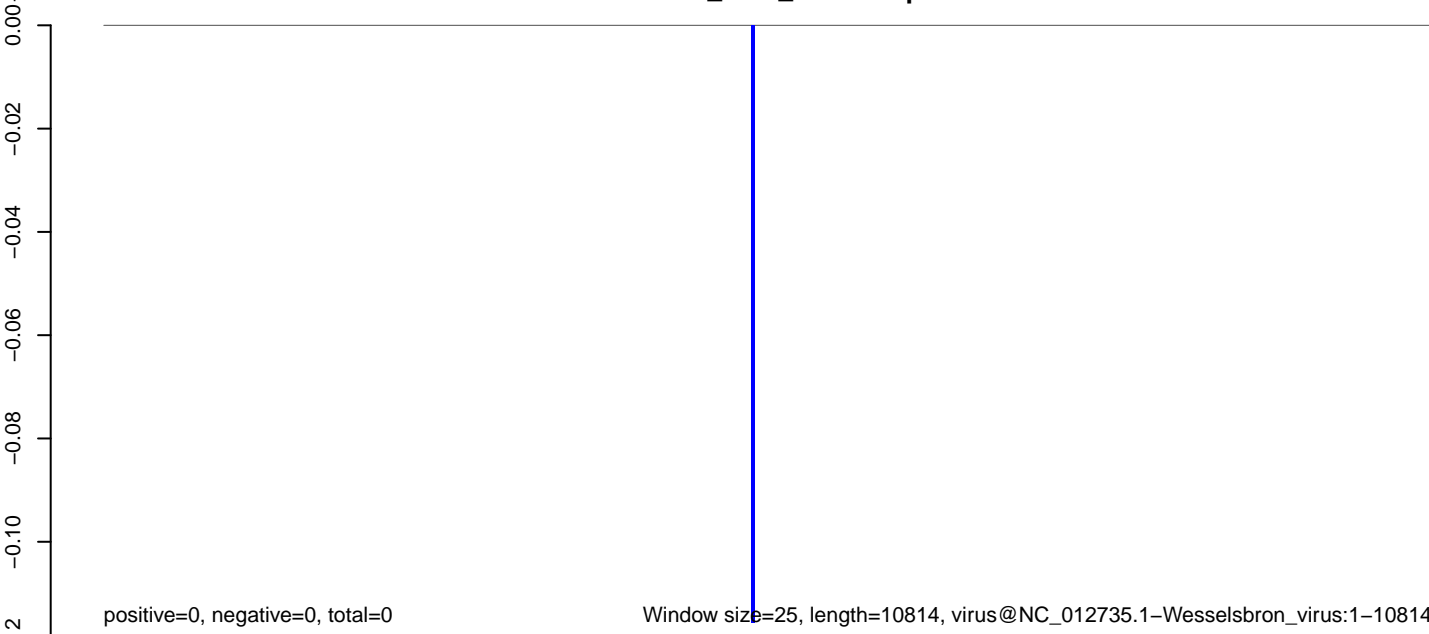
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

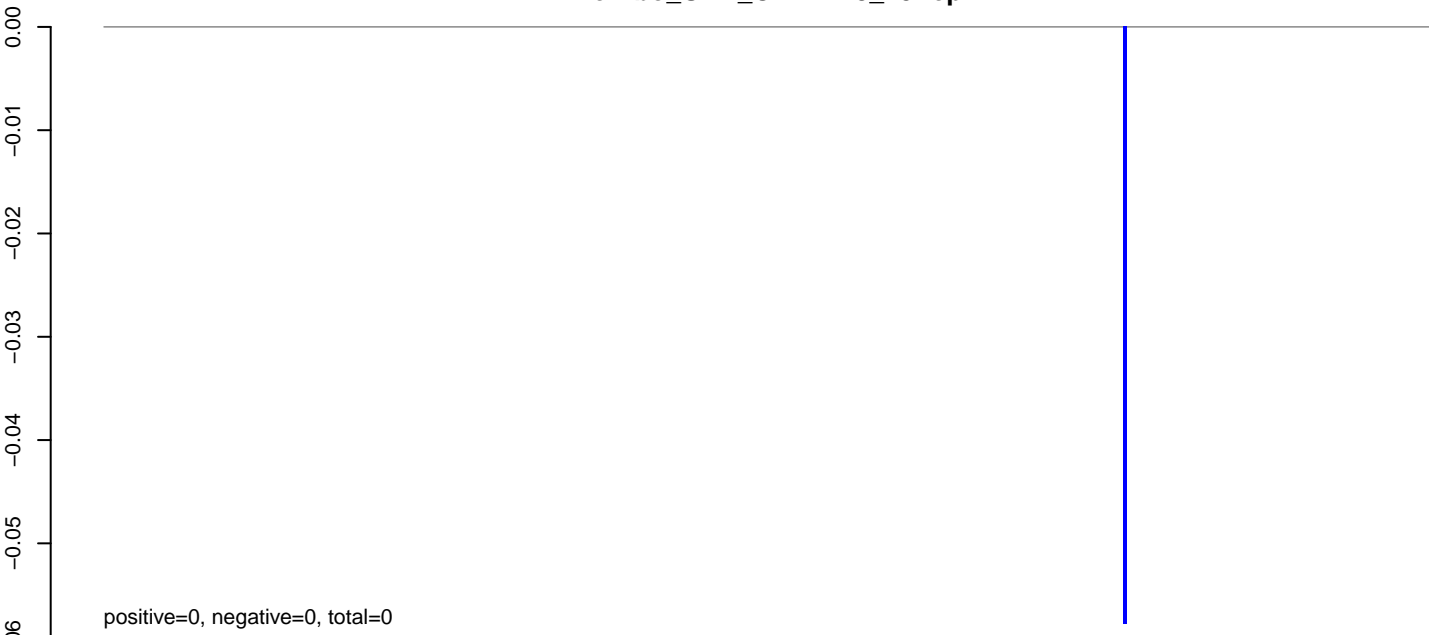


Window size=25, length=10814, virus@NC\_012735.1-Wesselsbron\_virus:1-10814

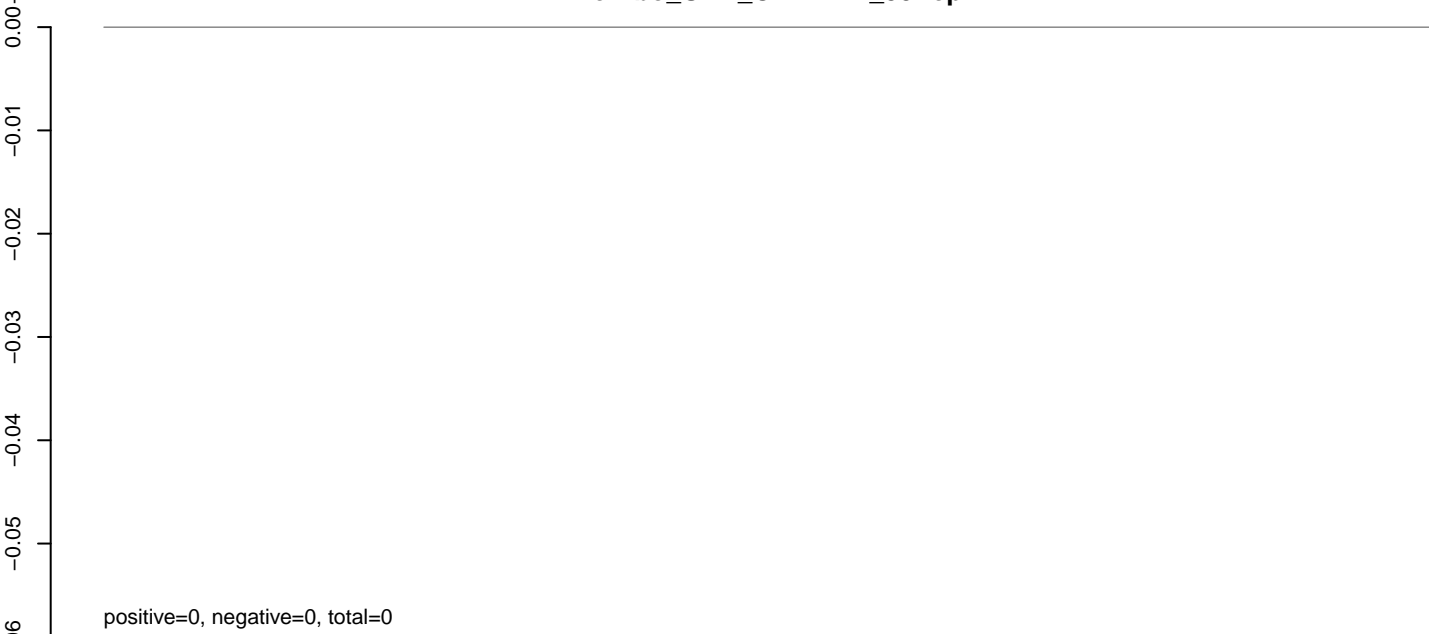
0 2000 4000 6000 8000 10000



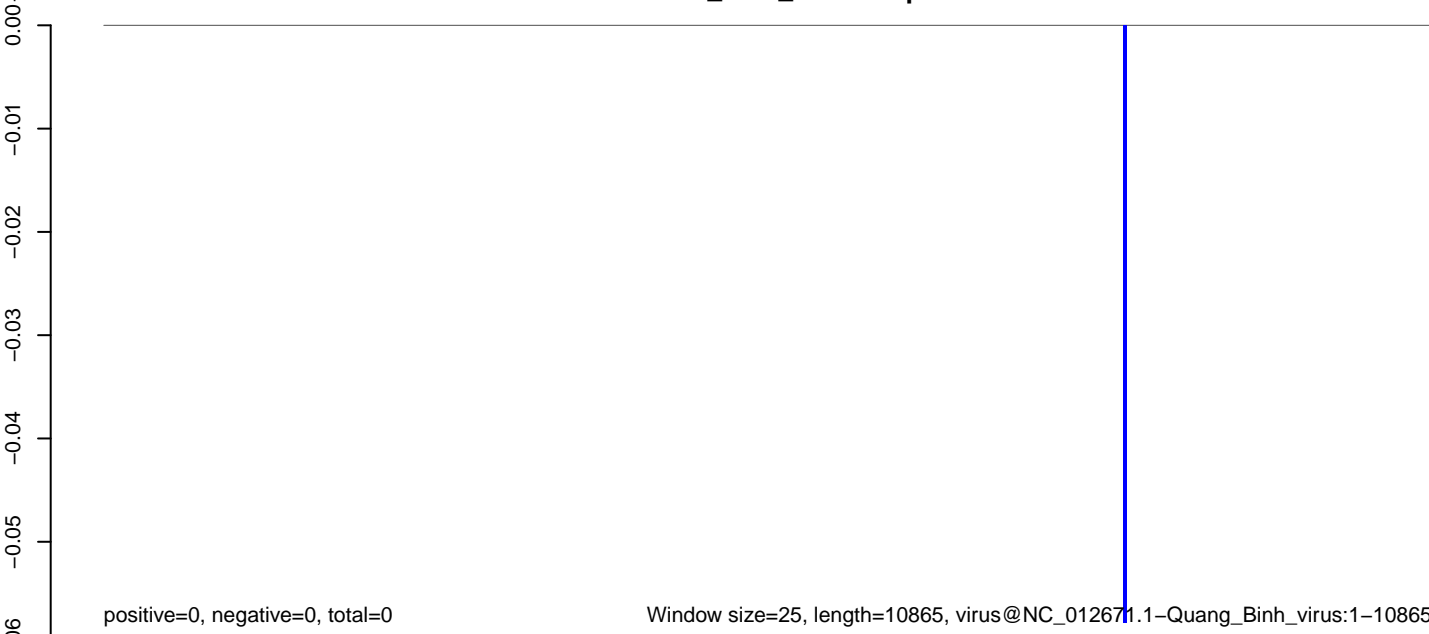
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



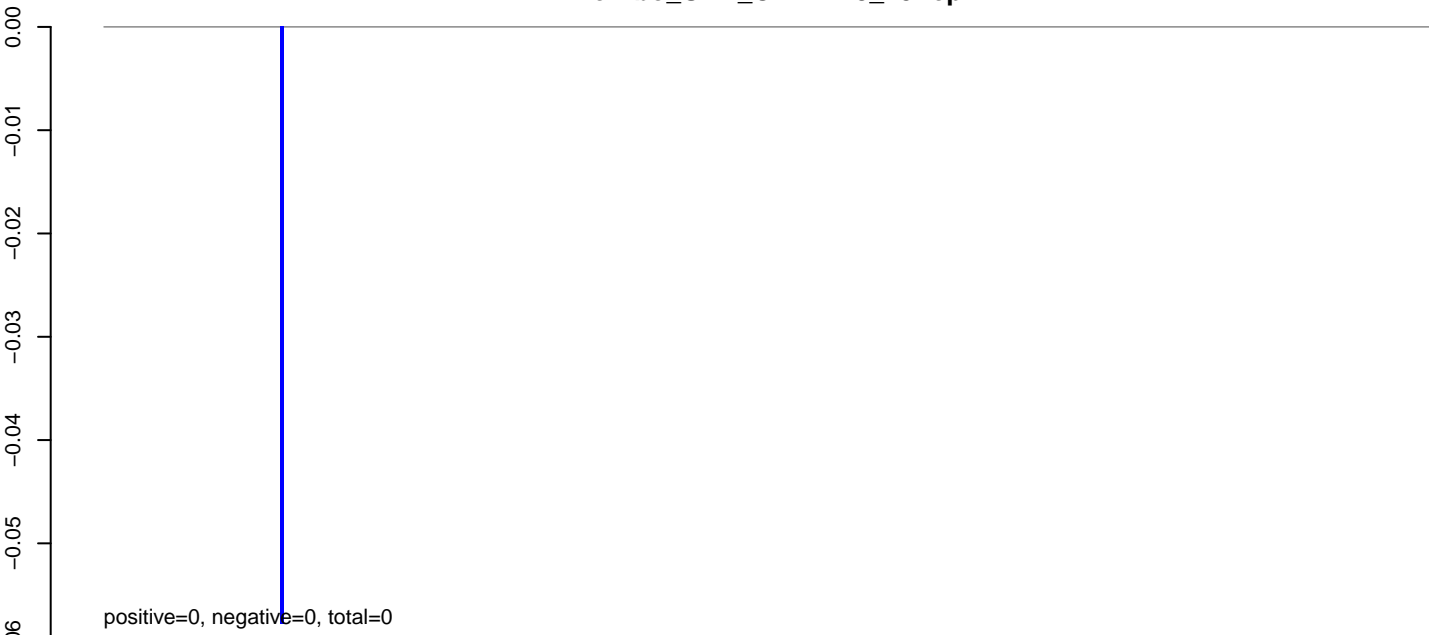
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



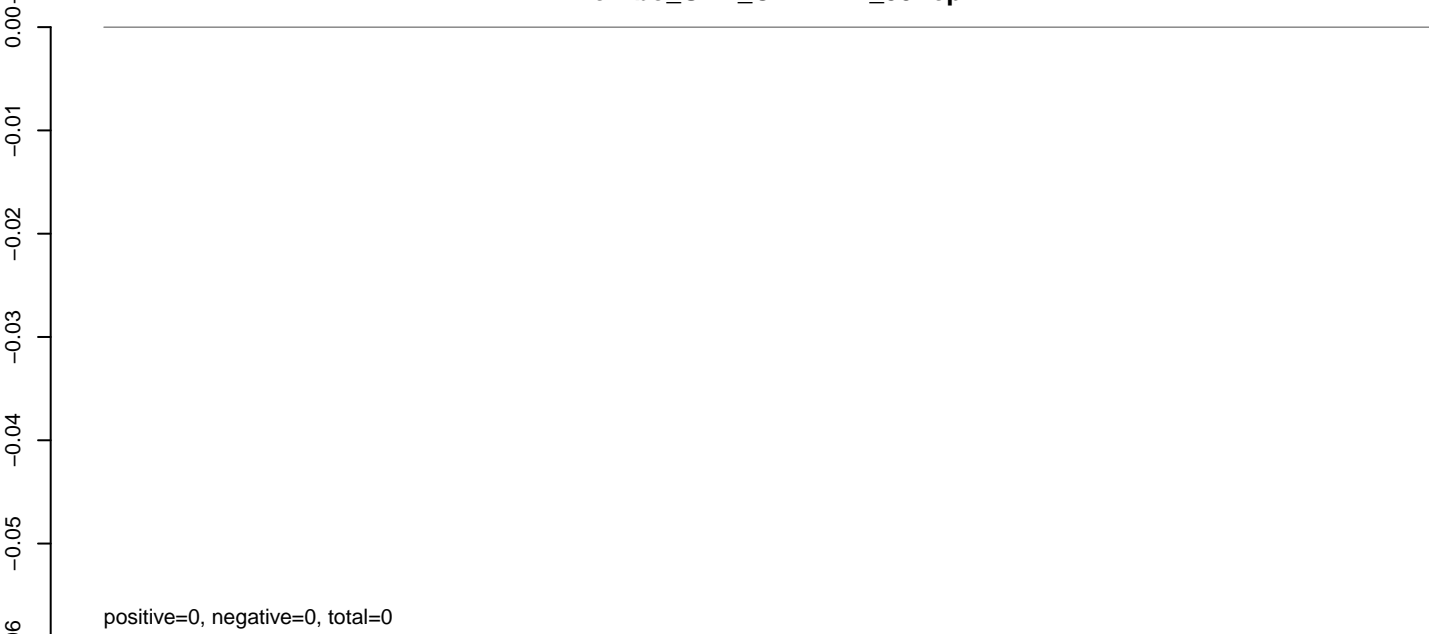
**AeAlbo\_U4.4\_CHIKV.rep**



**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



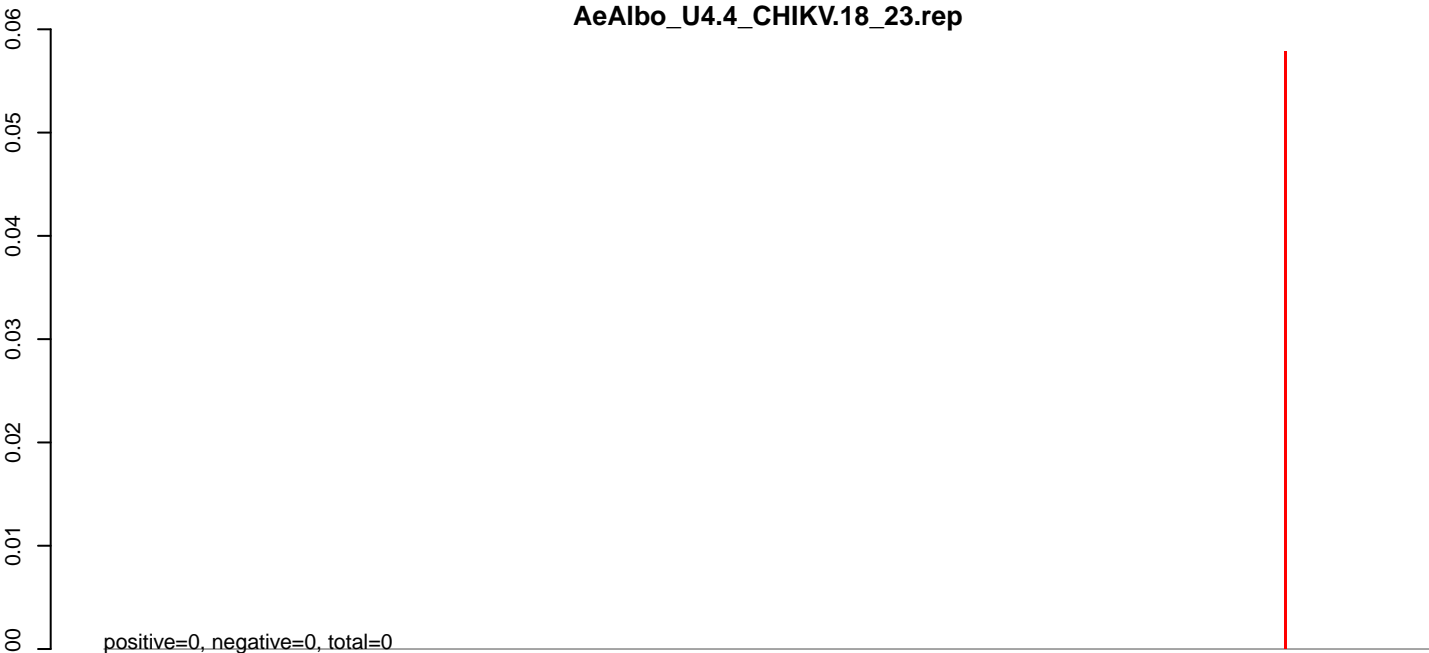
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



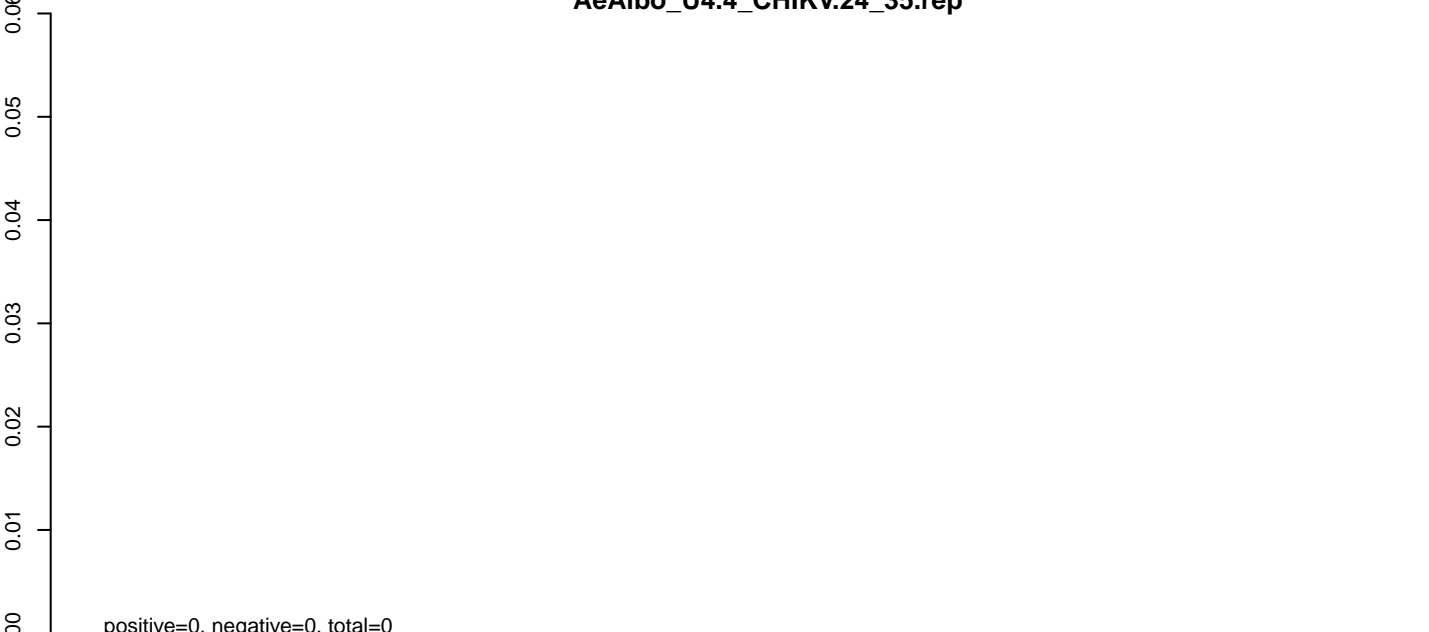
**AeAlbo\_U4.4\_CHIKV.rep**



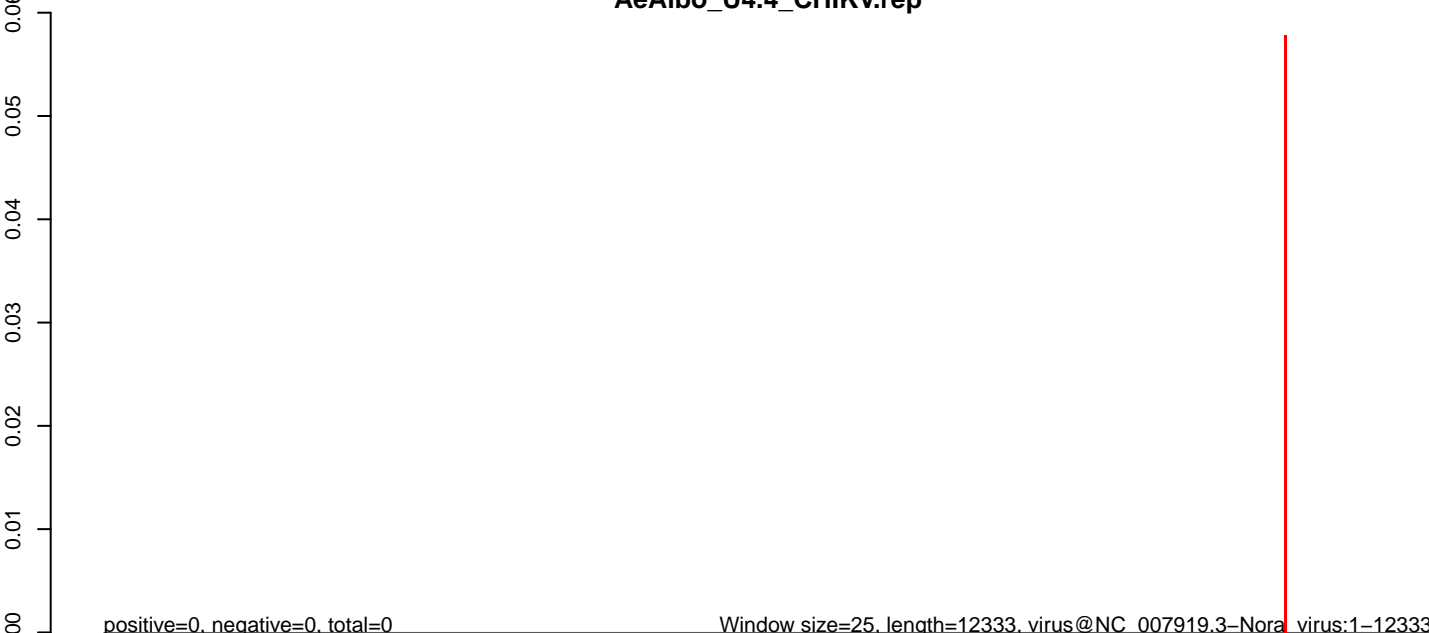
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

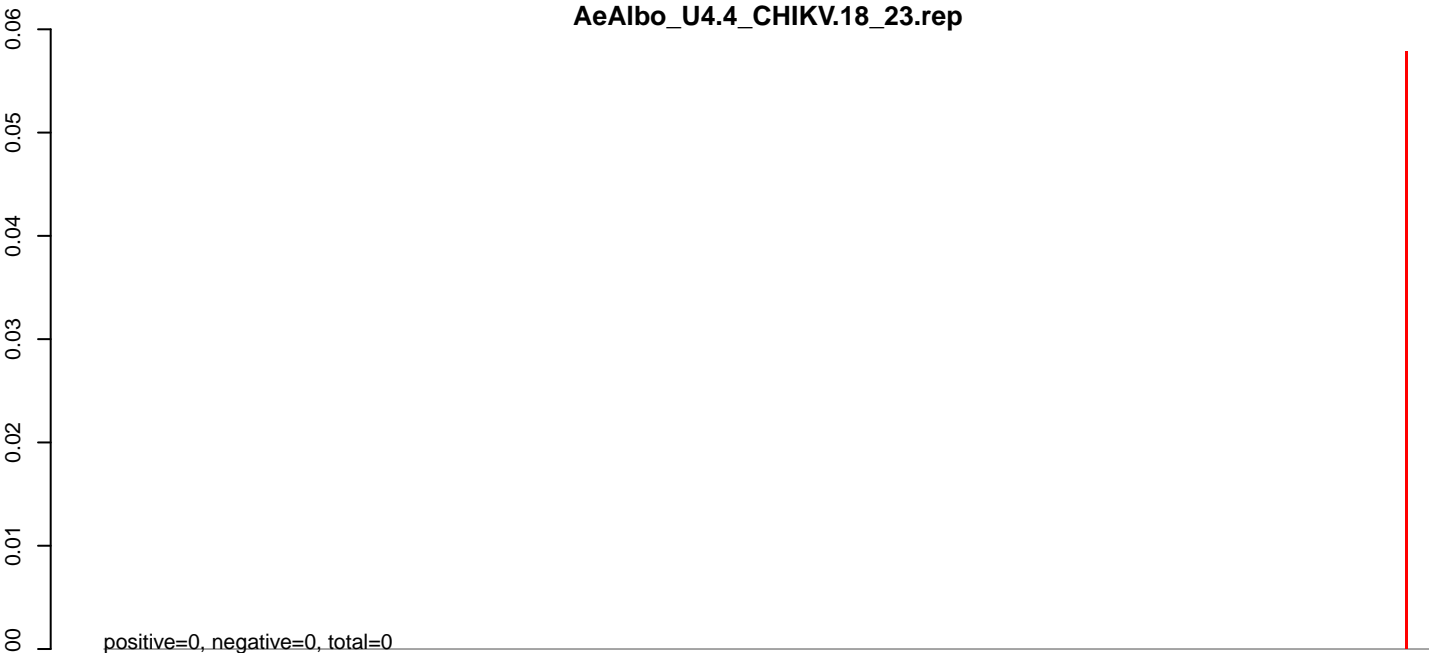


**AeAlbo\_U4.4\_CHIKV.rep**

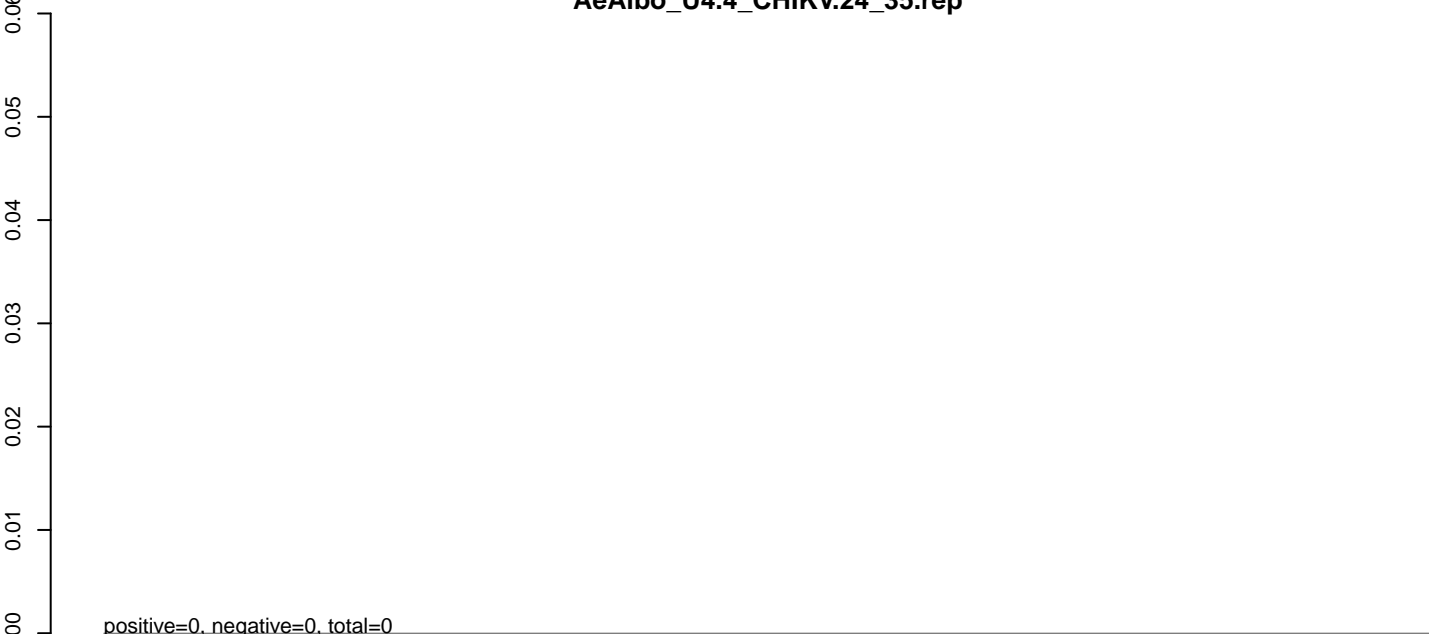


0 2000 4000 6000 8000 10000 12000

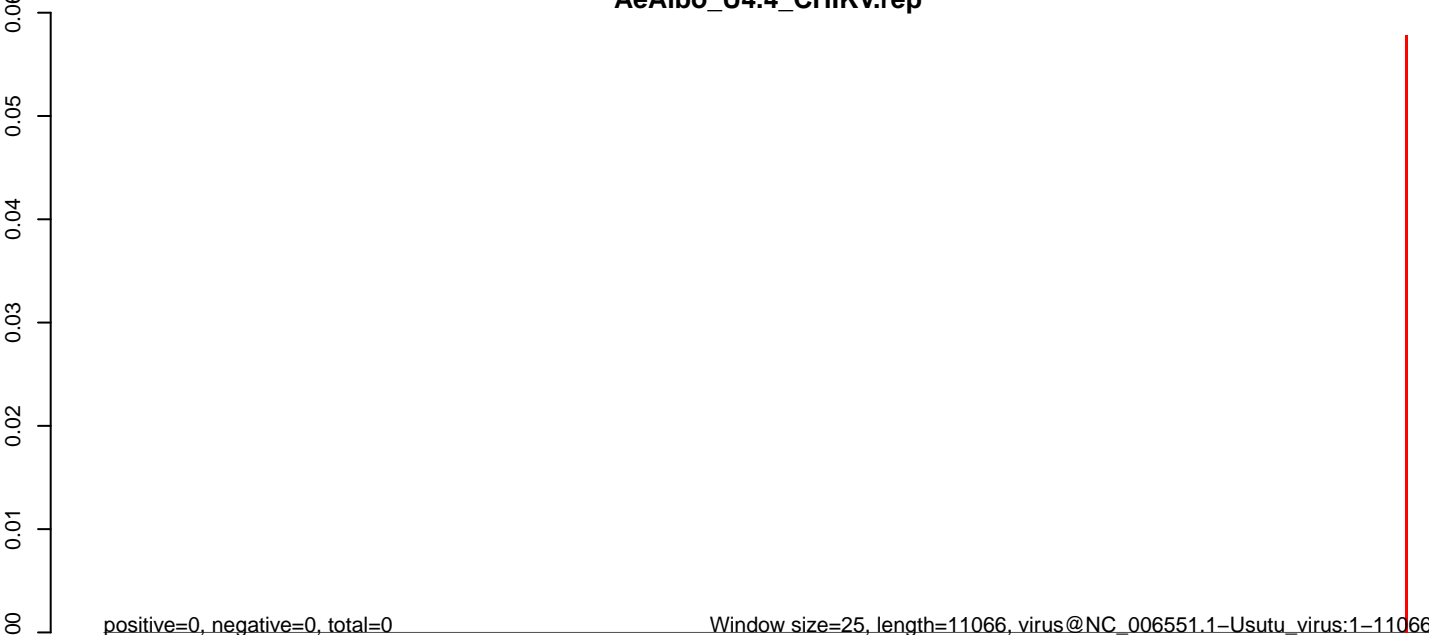
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

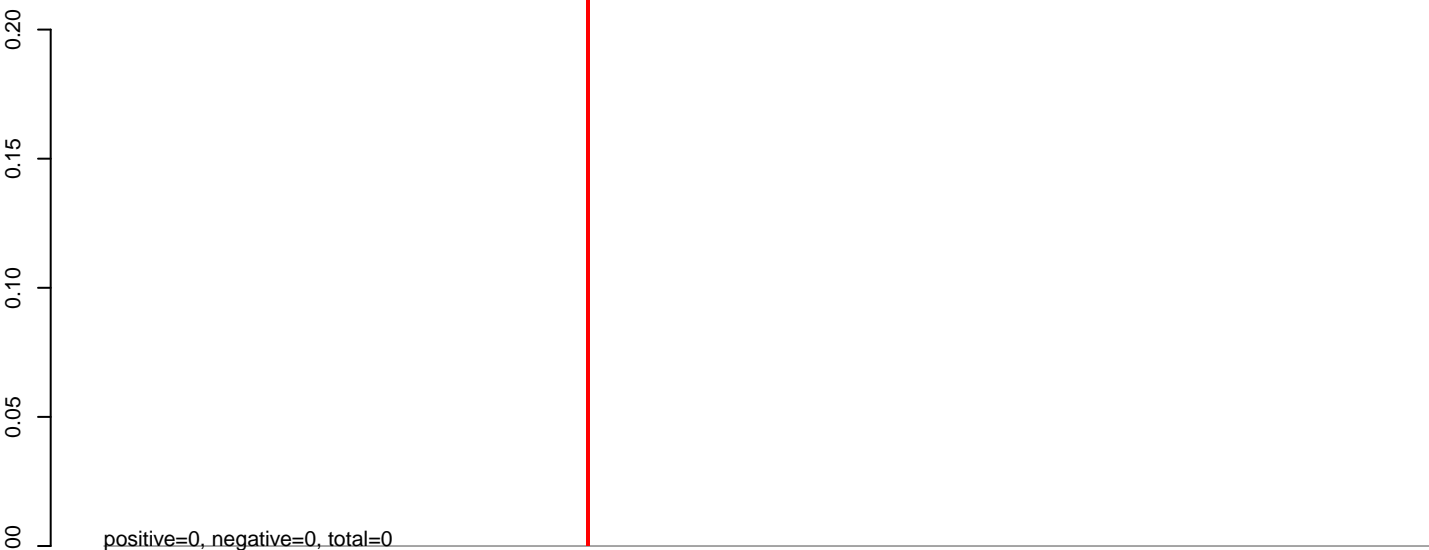


**AeAlbo\_U4.4\_CHIKV.rep**



0 2000 4000 6000 8000 10000

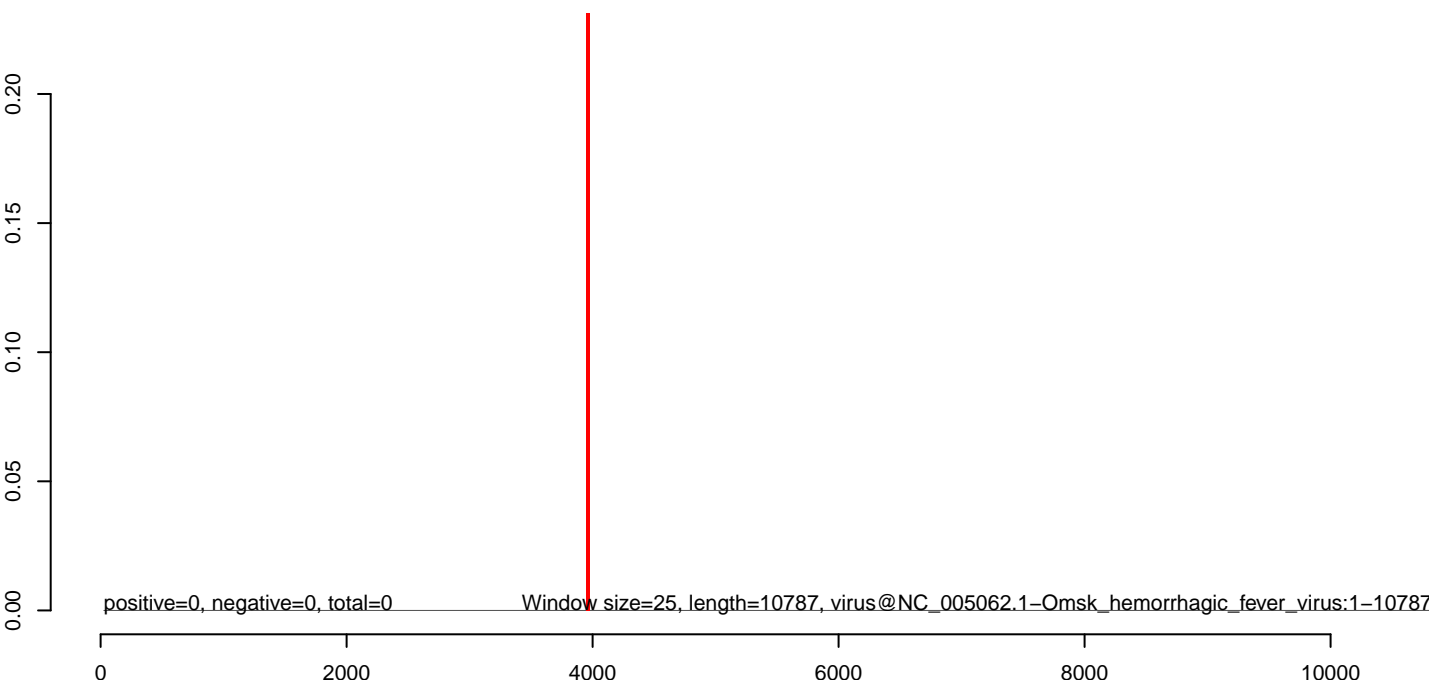
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



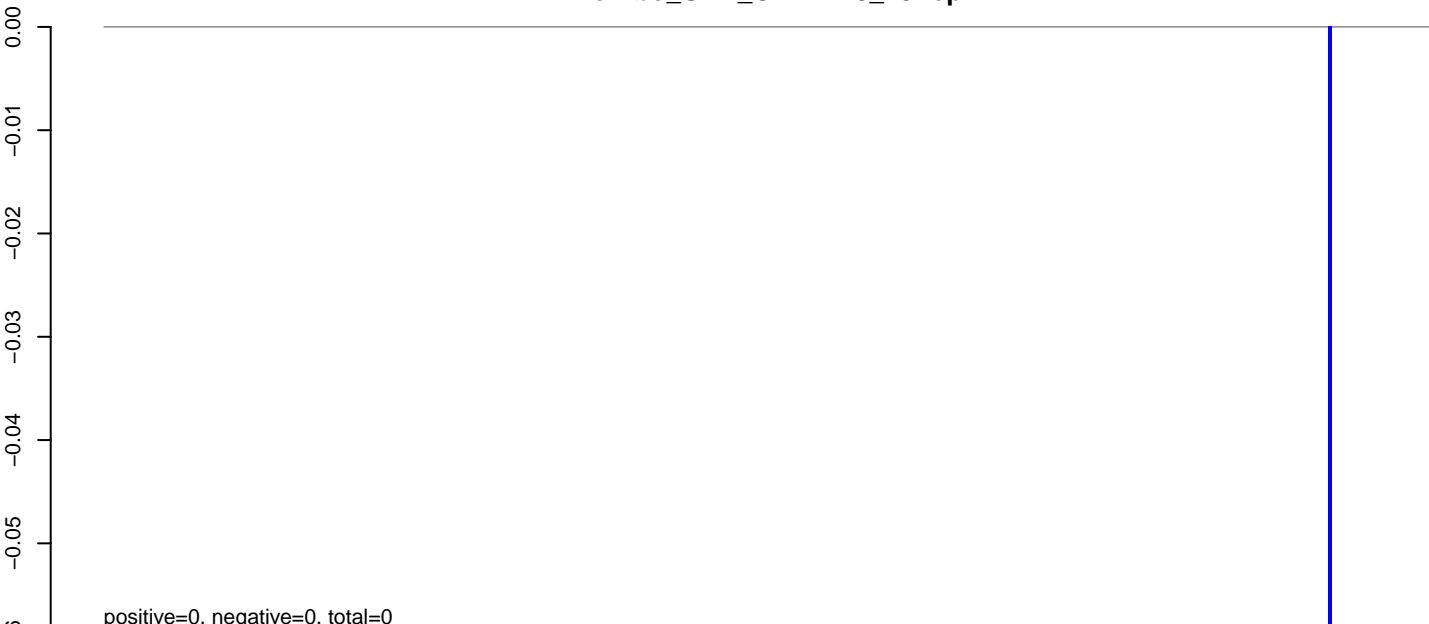
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



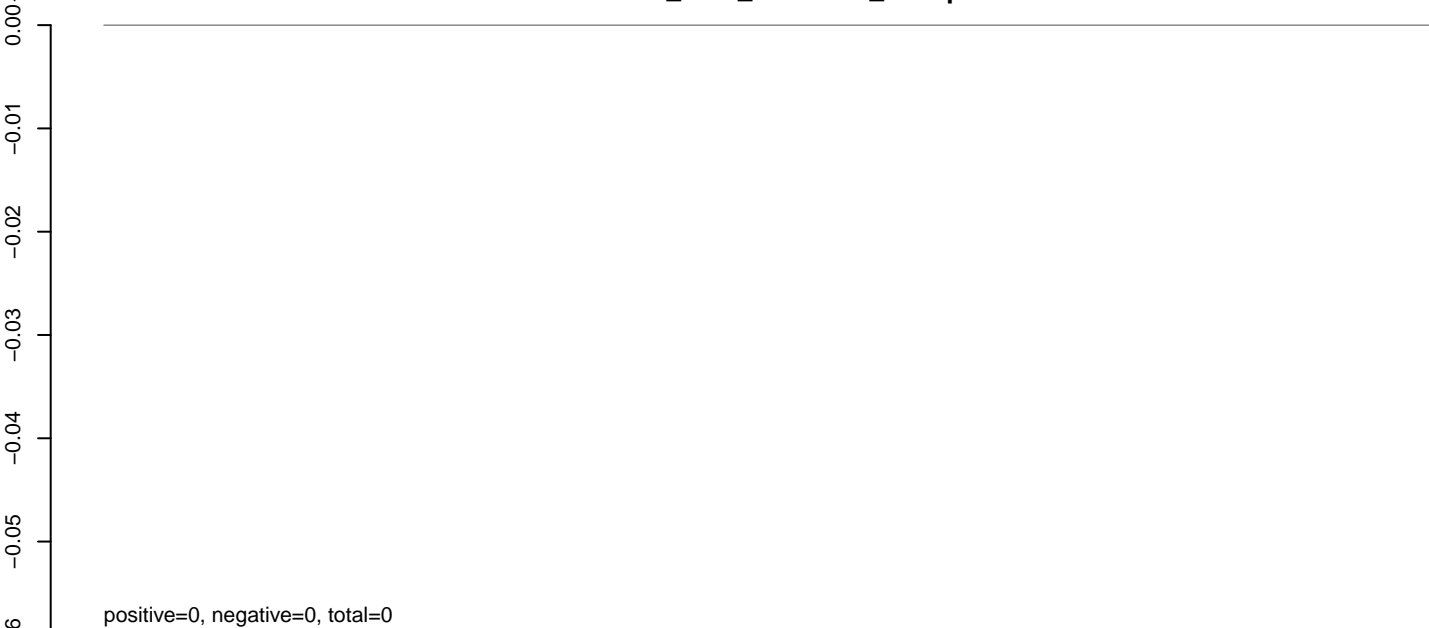
**AeAlbo\_U4.4\_CHIKV.rep**



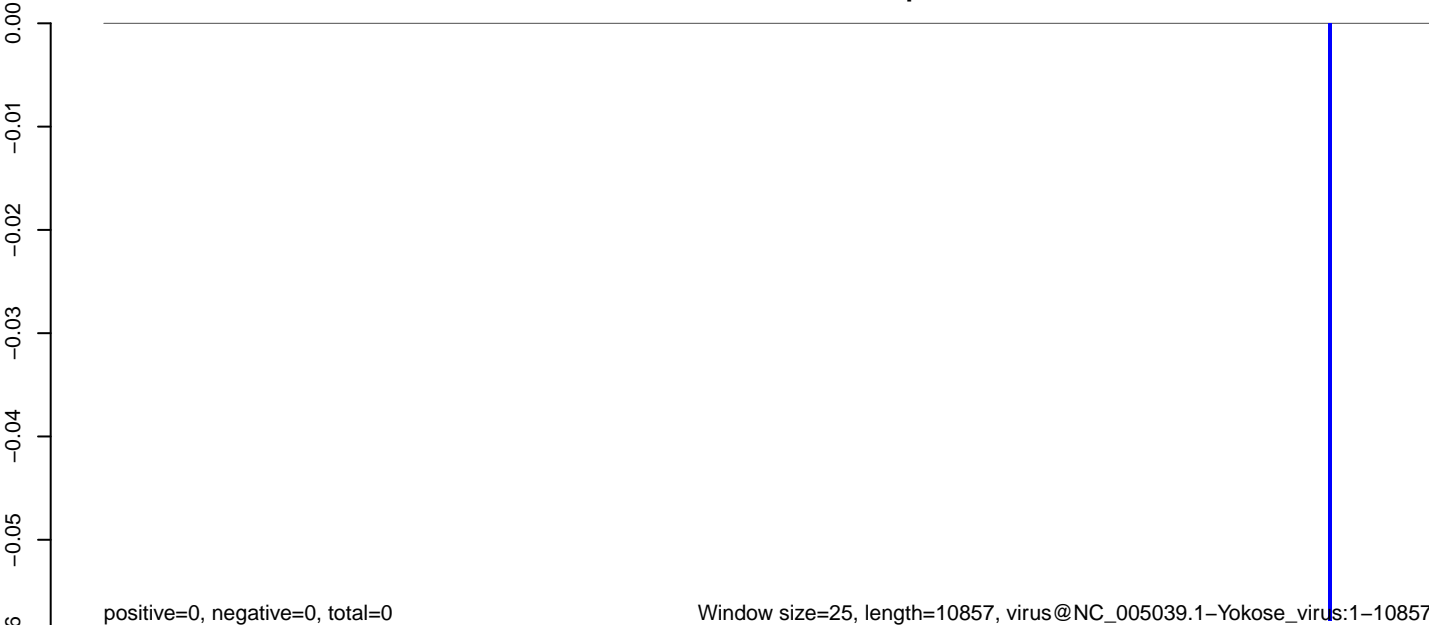
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



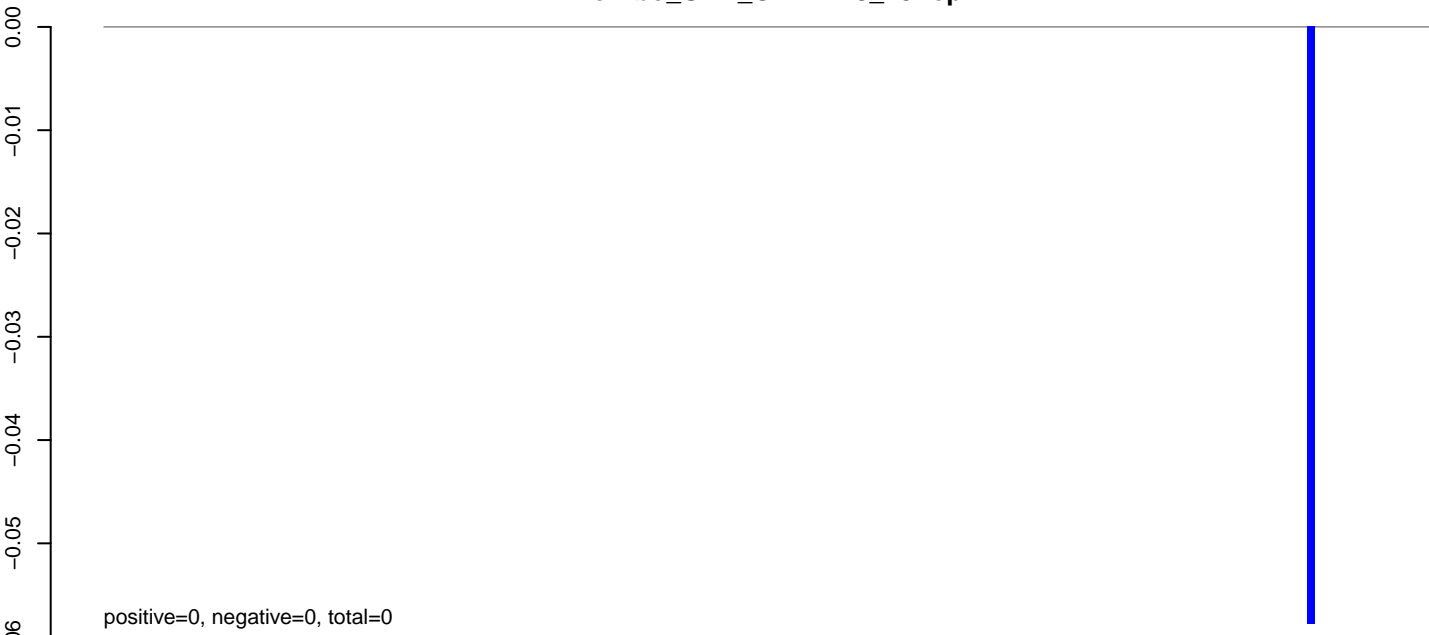
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



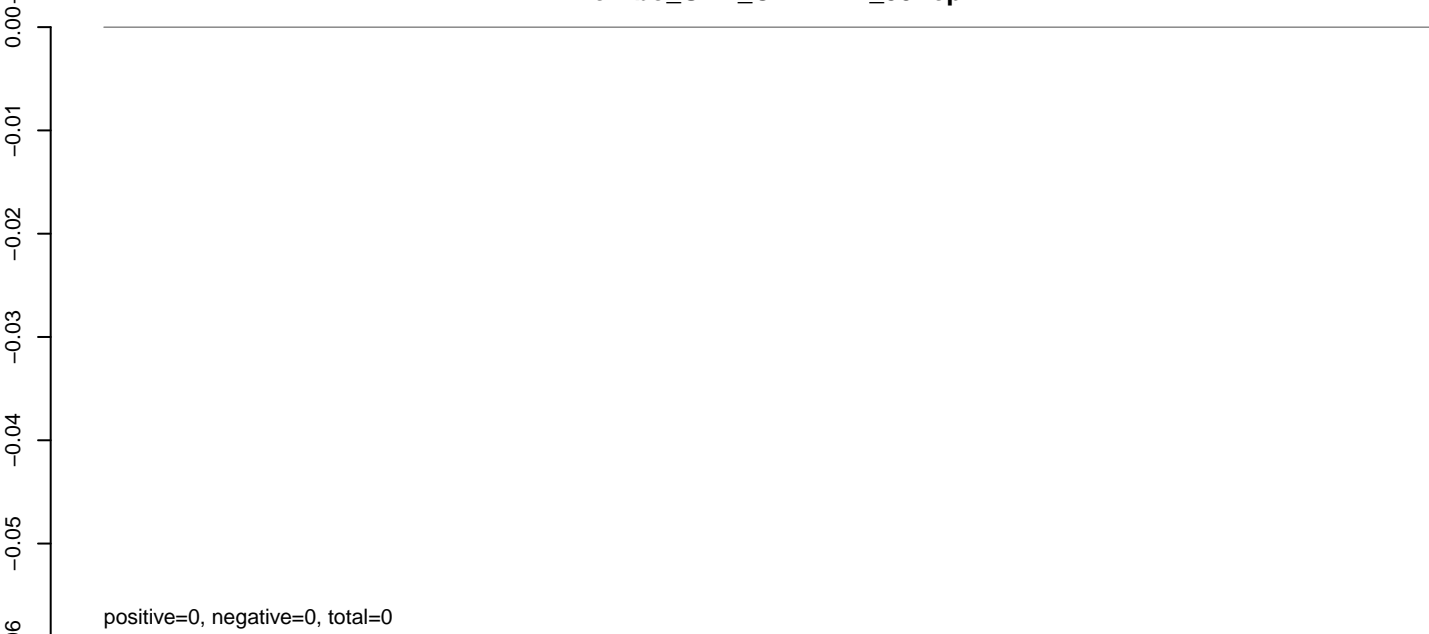
**AeAlbo\_U4.4\_CHIKV.rep**



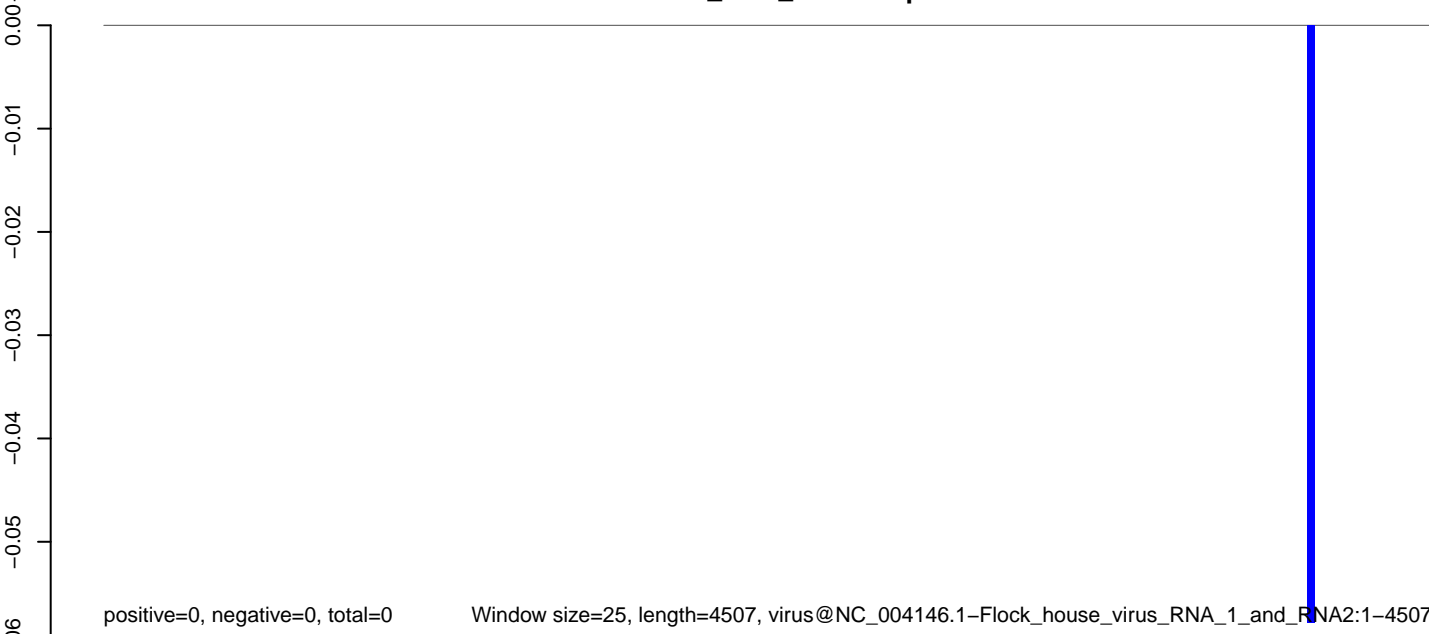
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



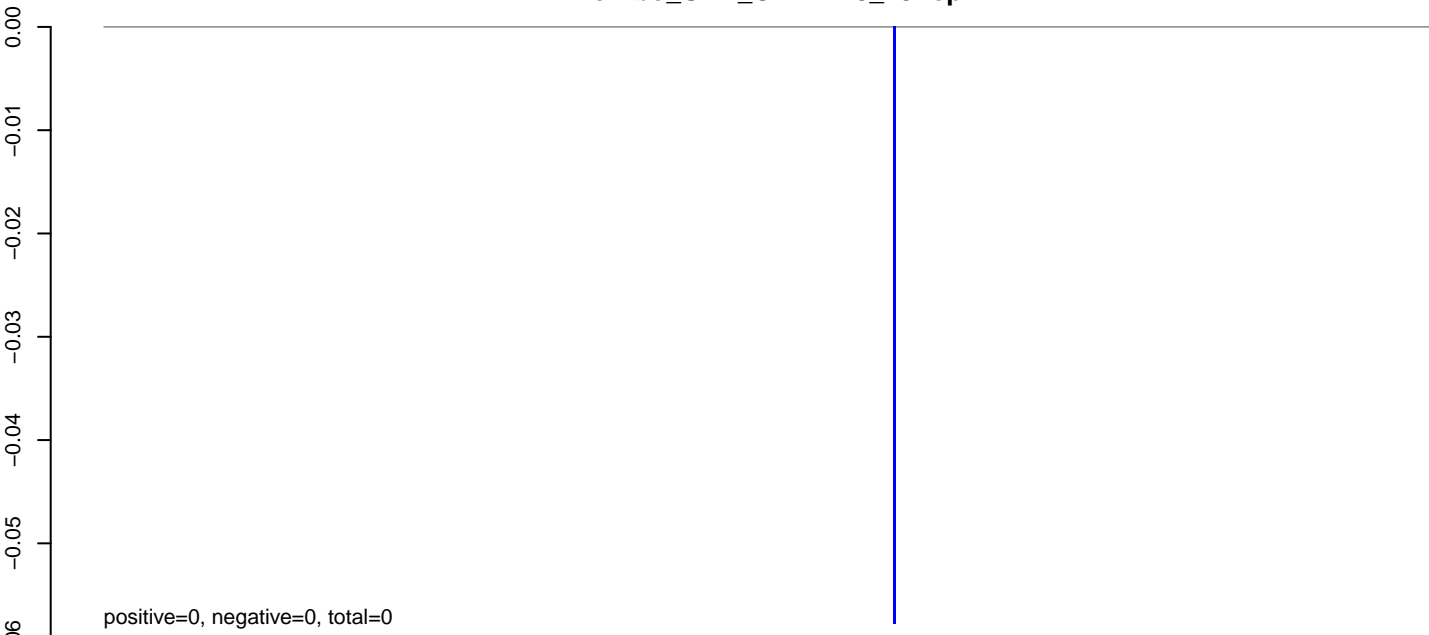
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



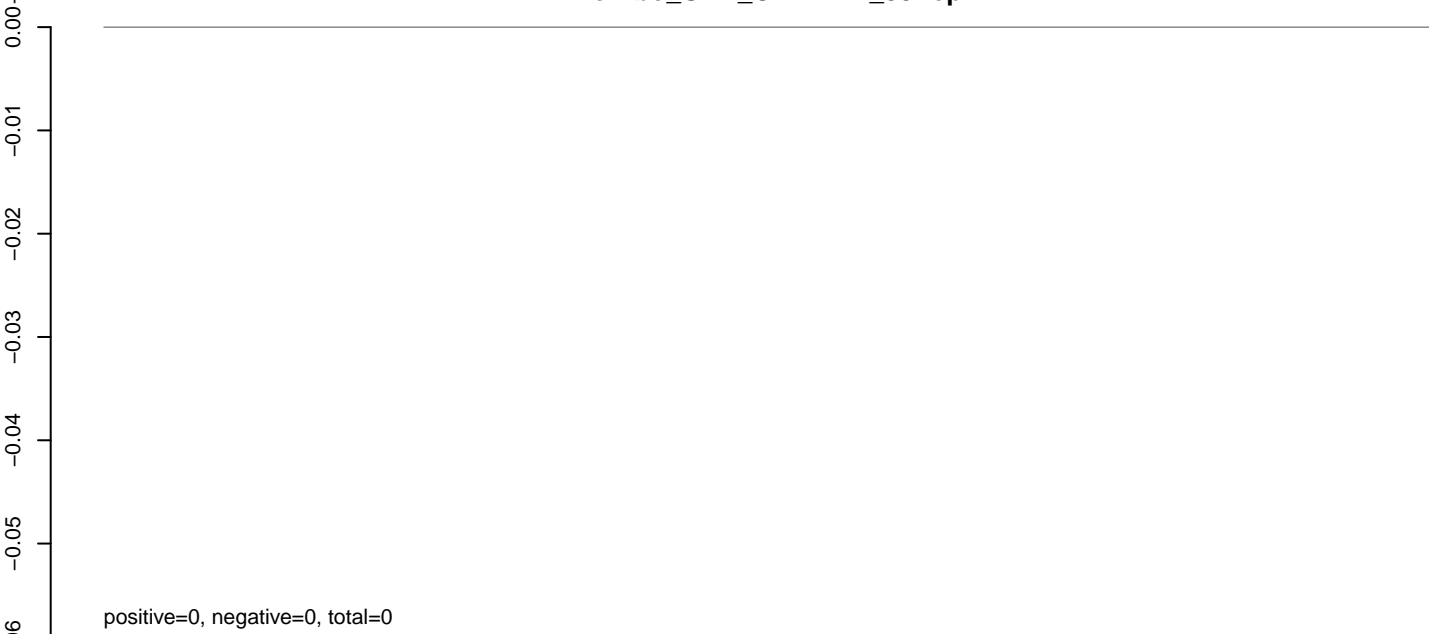
**AeAlbo\_U4.4\_CHIKV.rep**



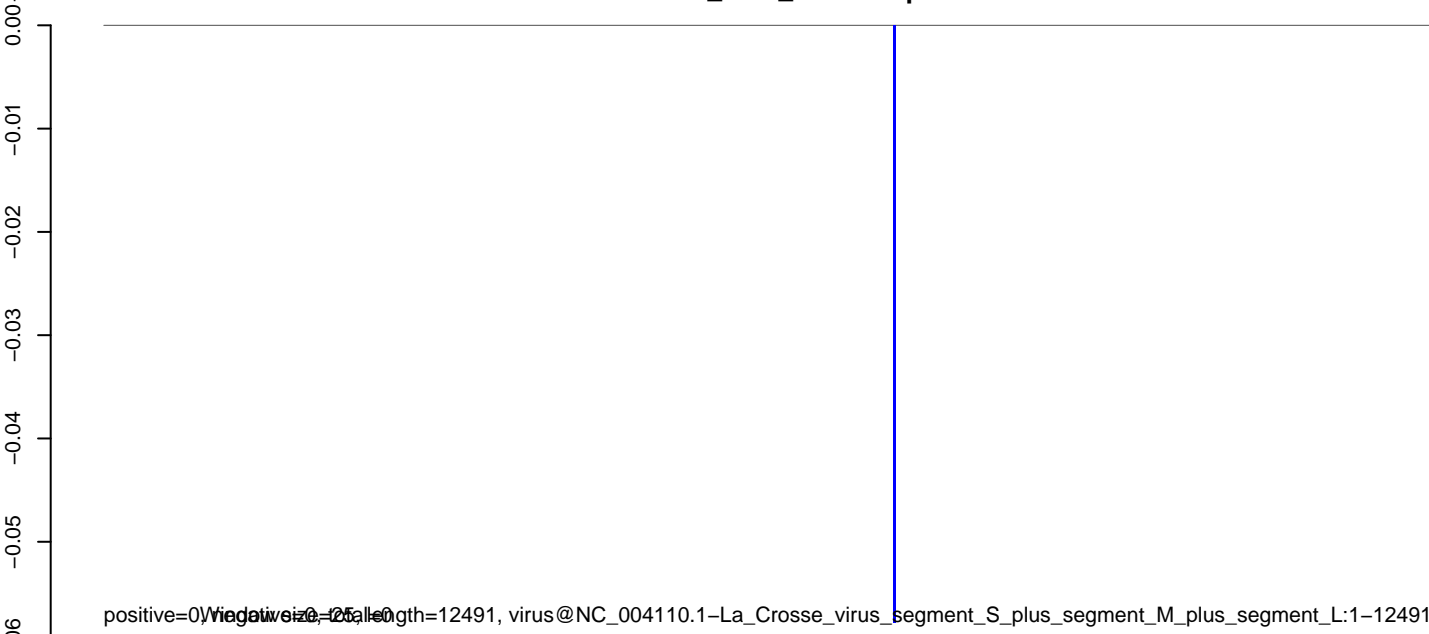
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

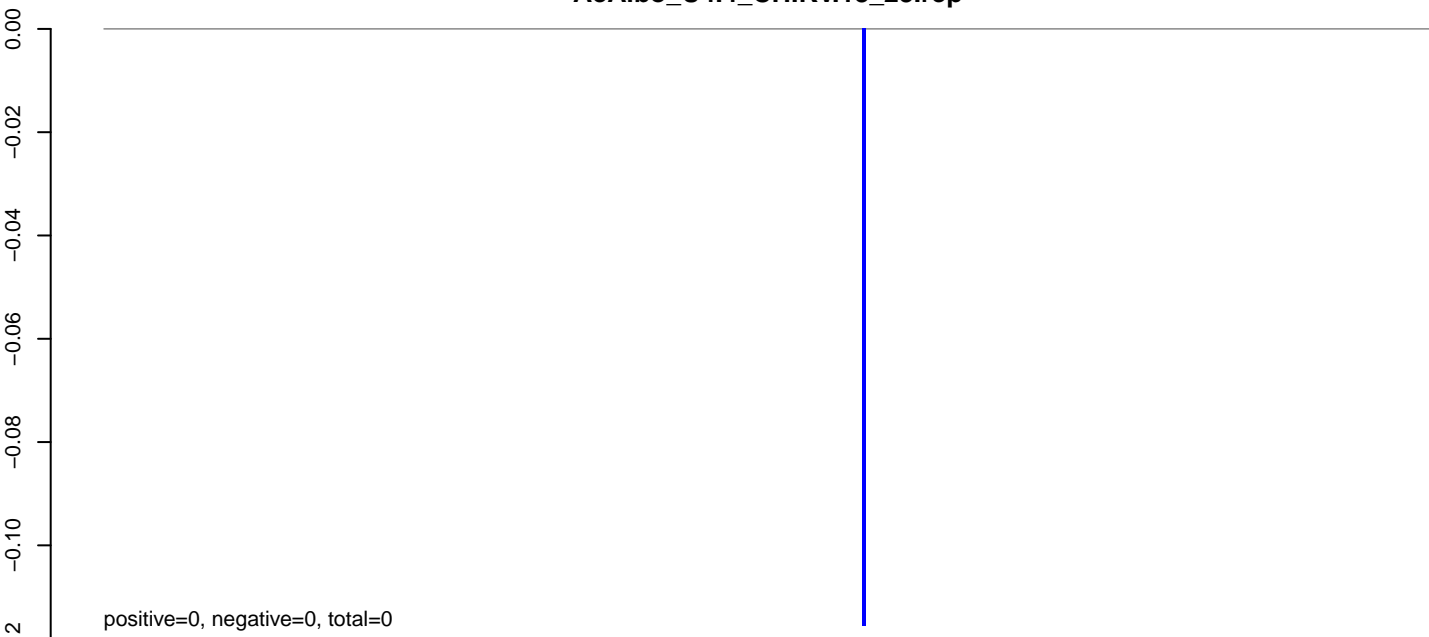


virus@NC\_004110.1-La\_Crosse\_virus\_segment\_S\_plus\_segment\_M\_plus\_segment\_L:1-12491

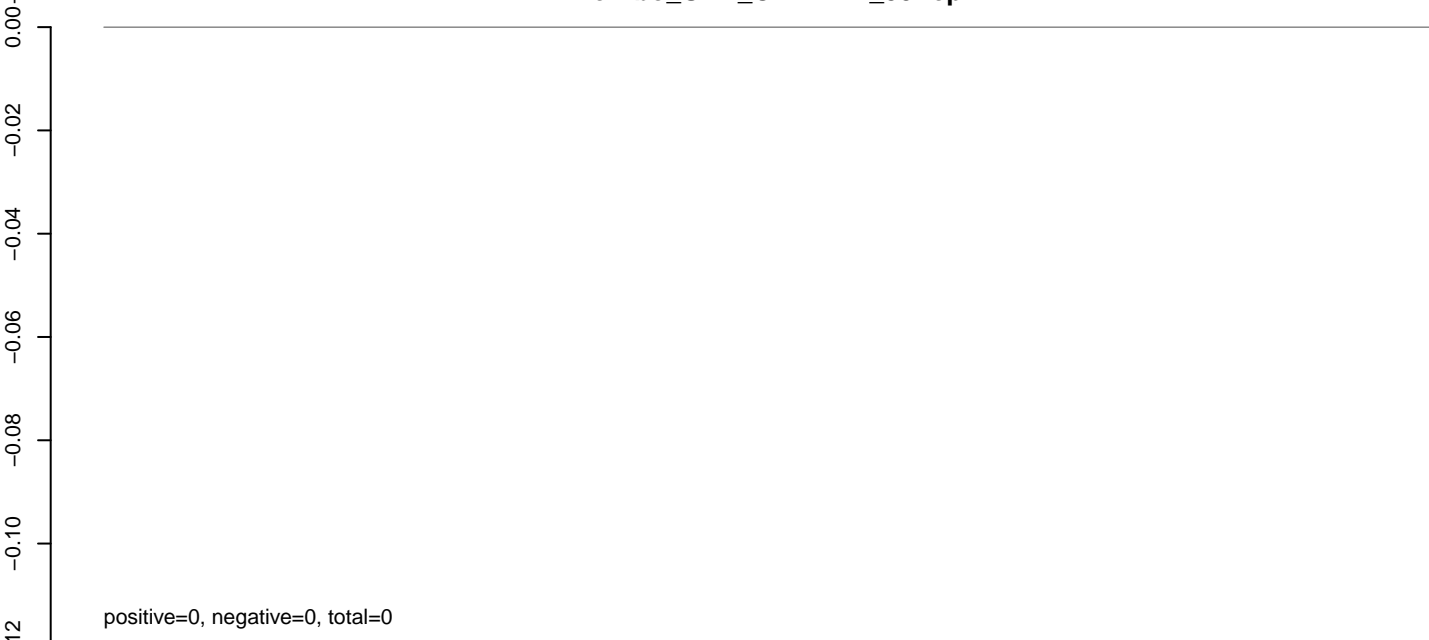
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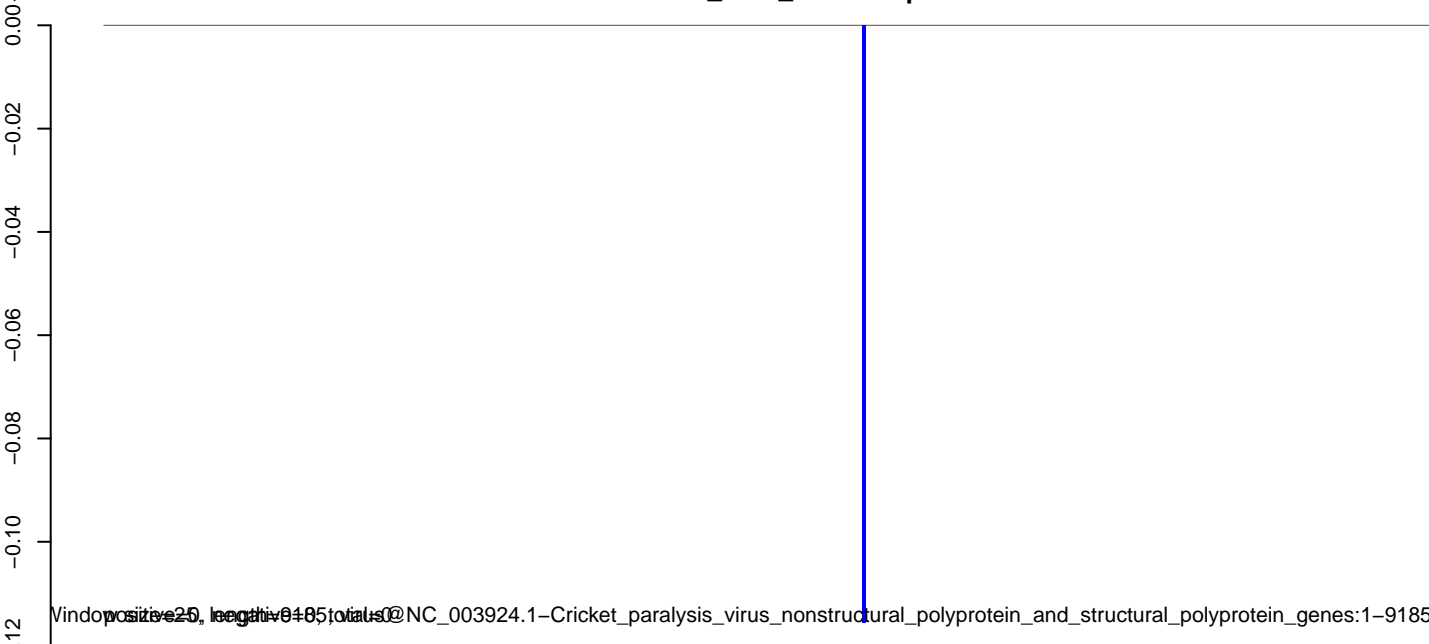
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



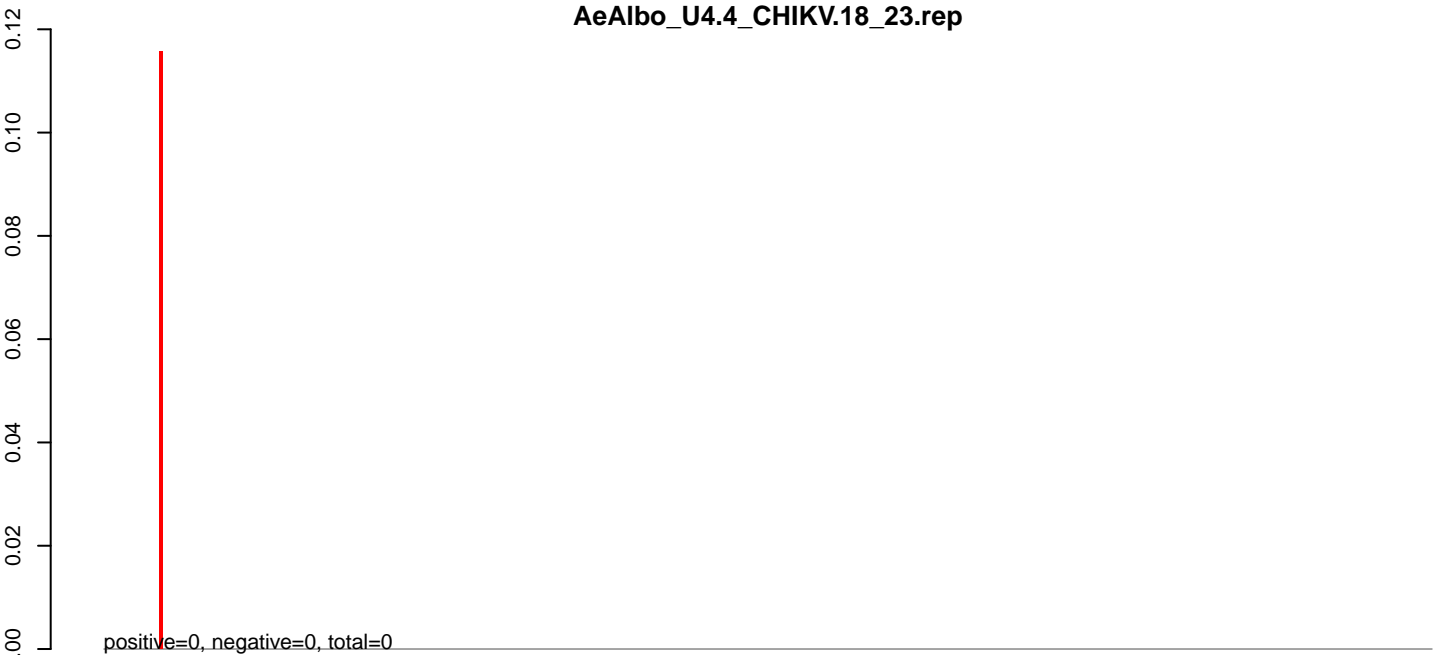
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



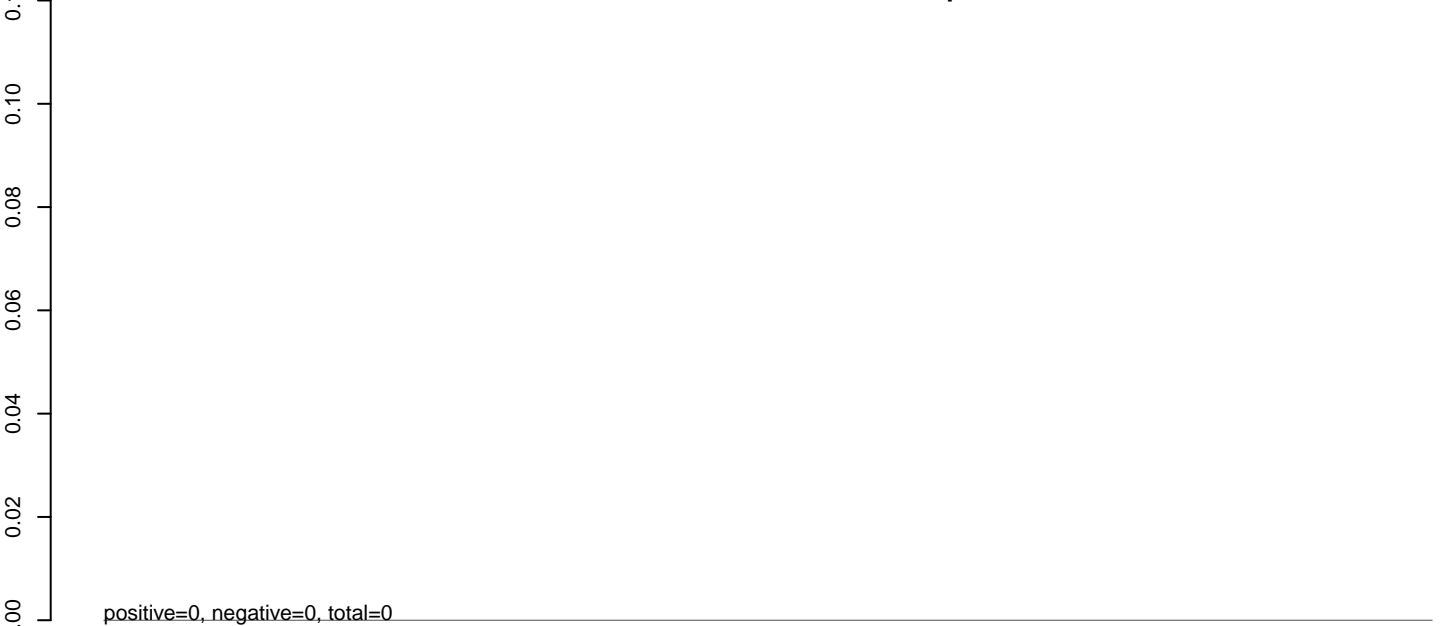
**AeAlbo\_U4.4\_CHIKV.rep**



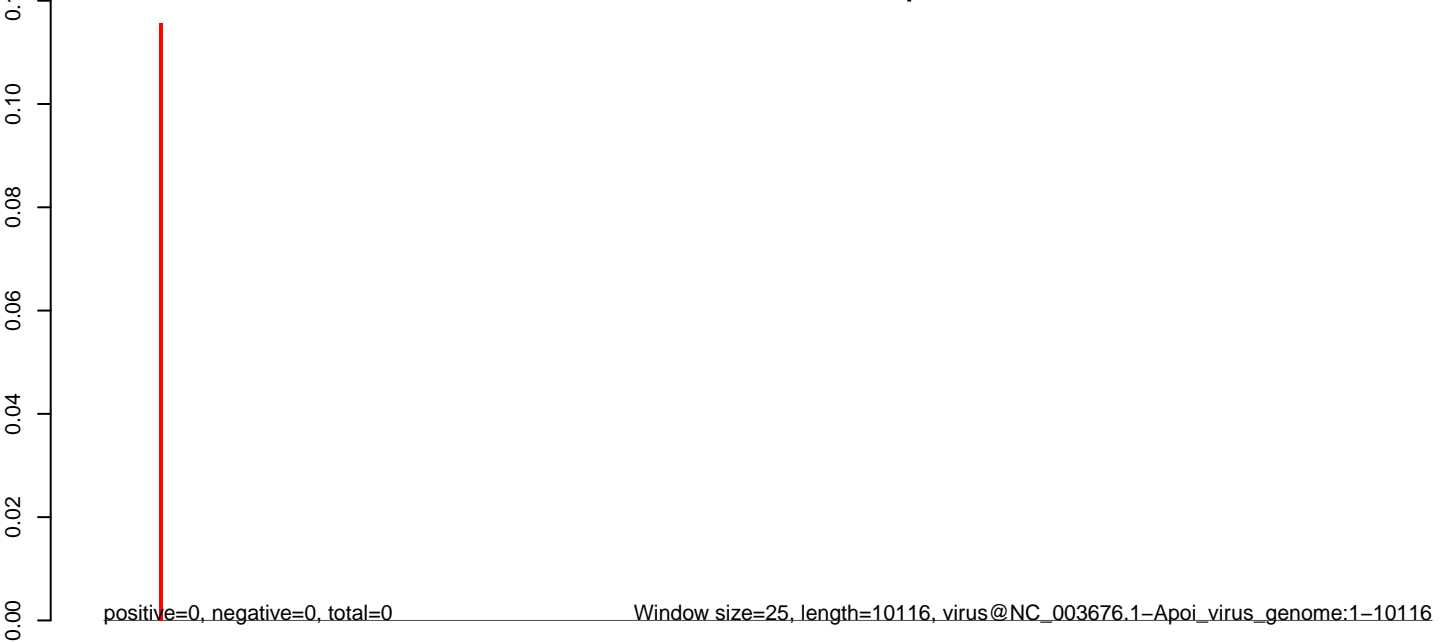
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



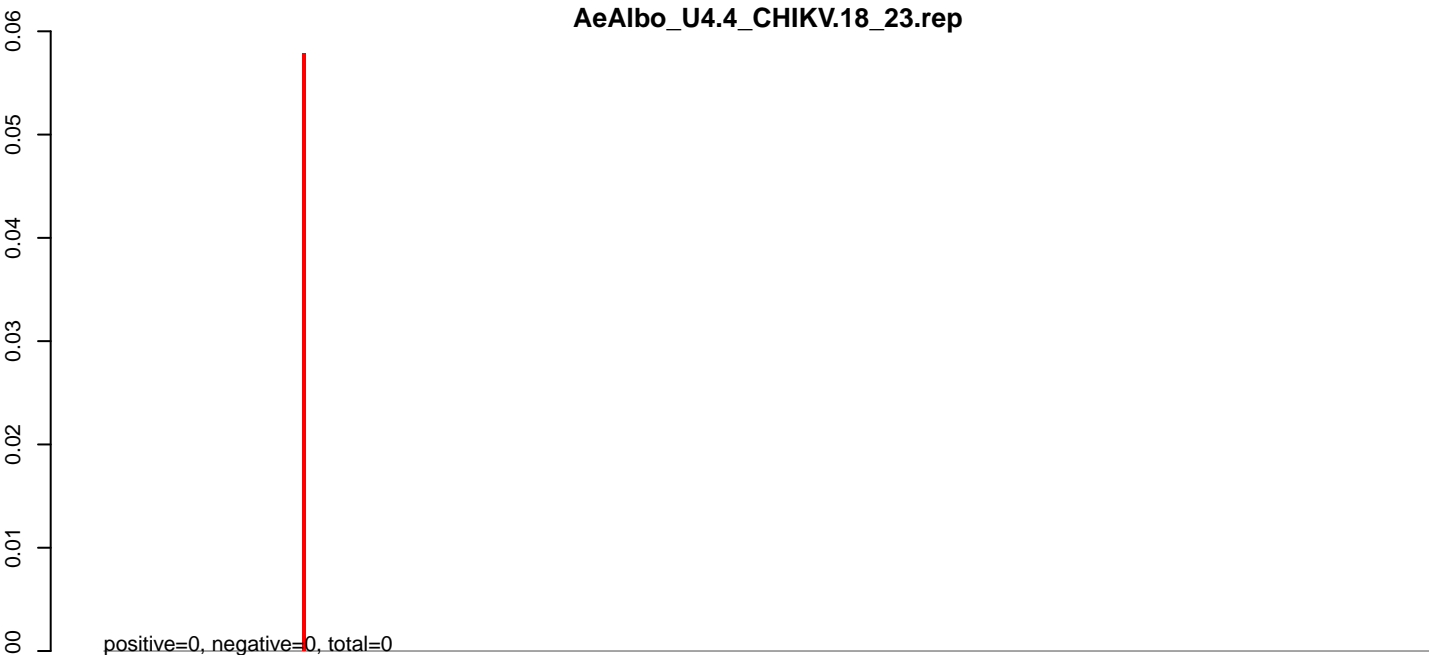
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



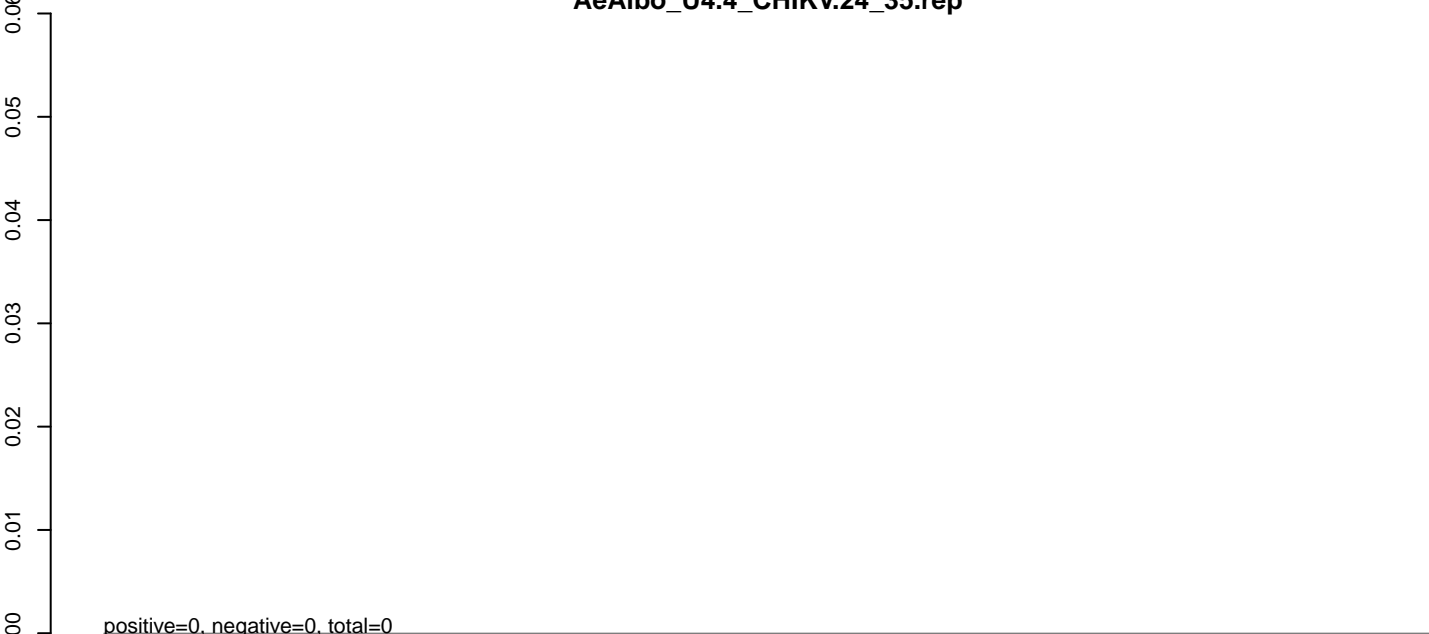
**AeAlbo\_U4.4\_CHIKV.rep**



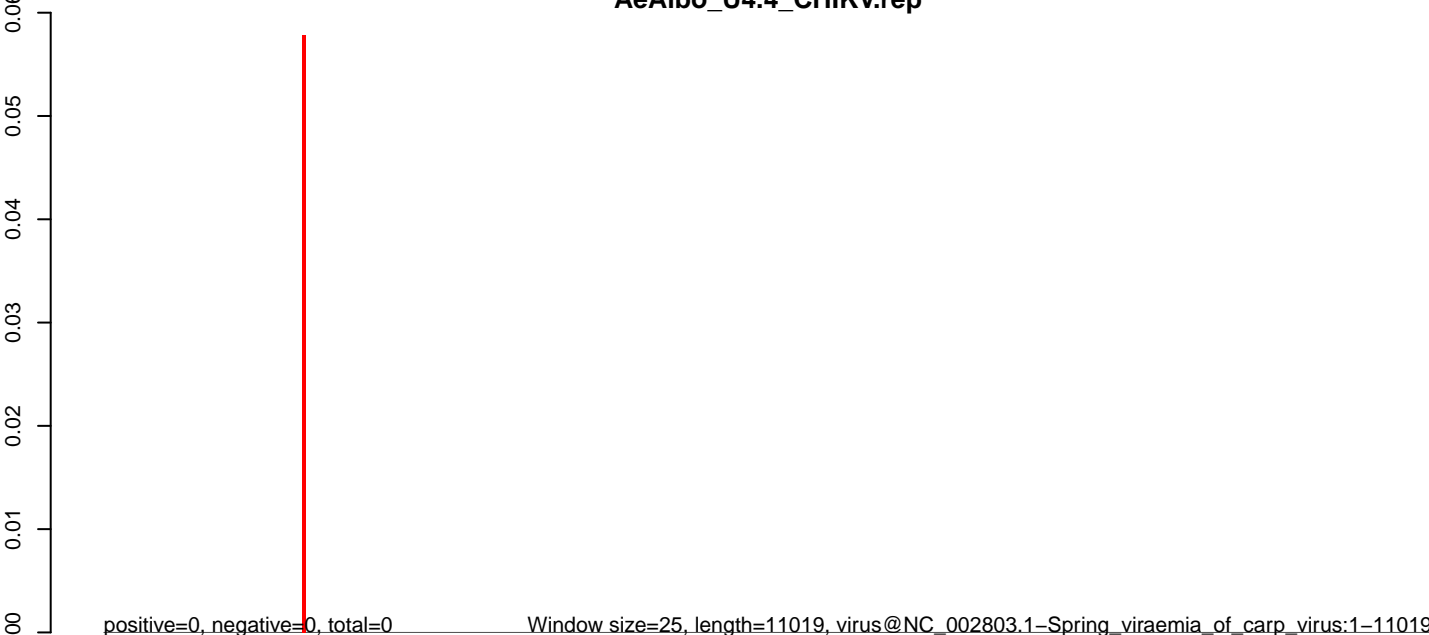
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



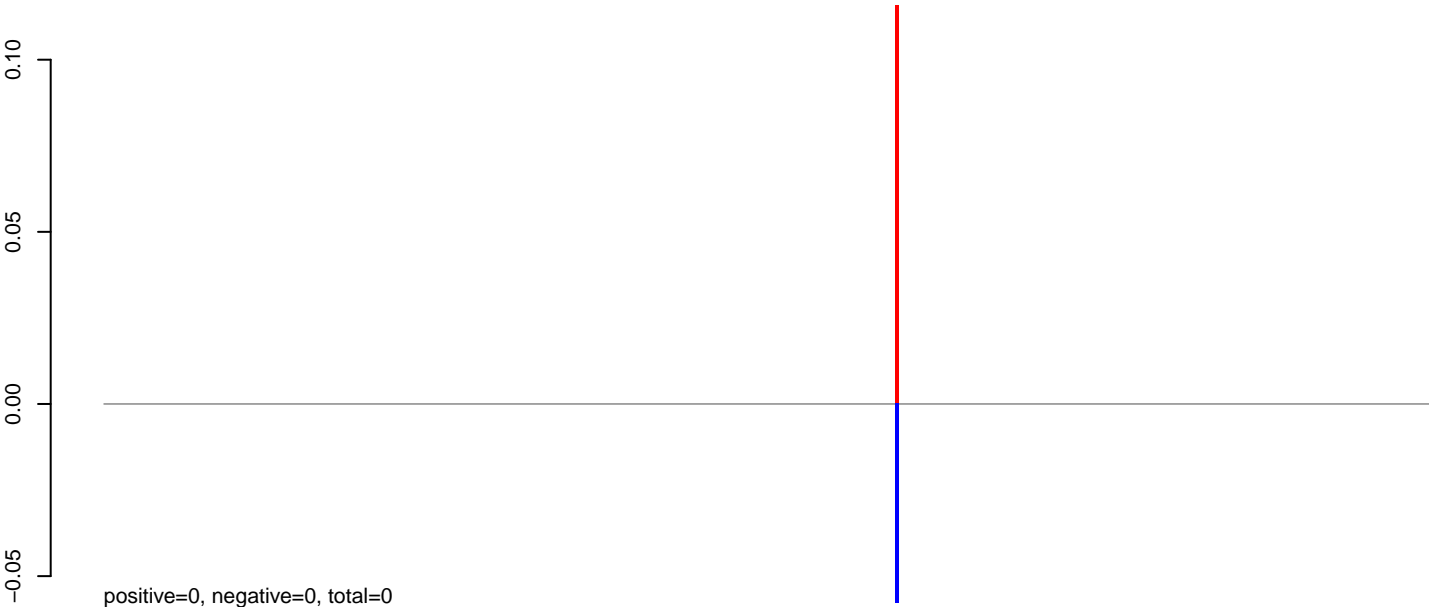
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



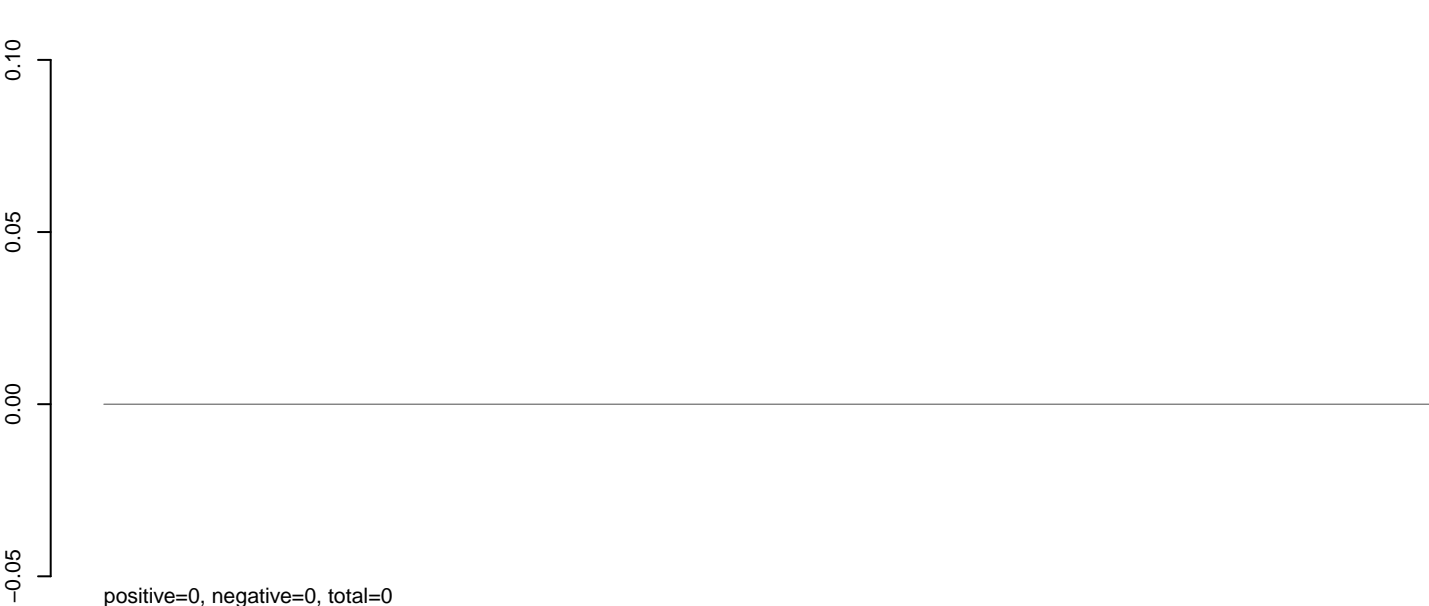
**AeAlbo\_U4.4\_CHIKV.rep**



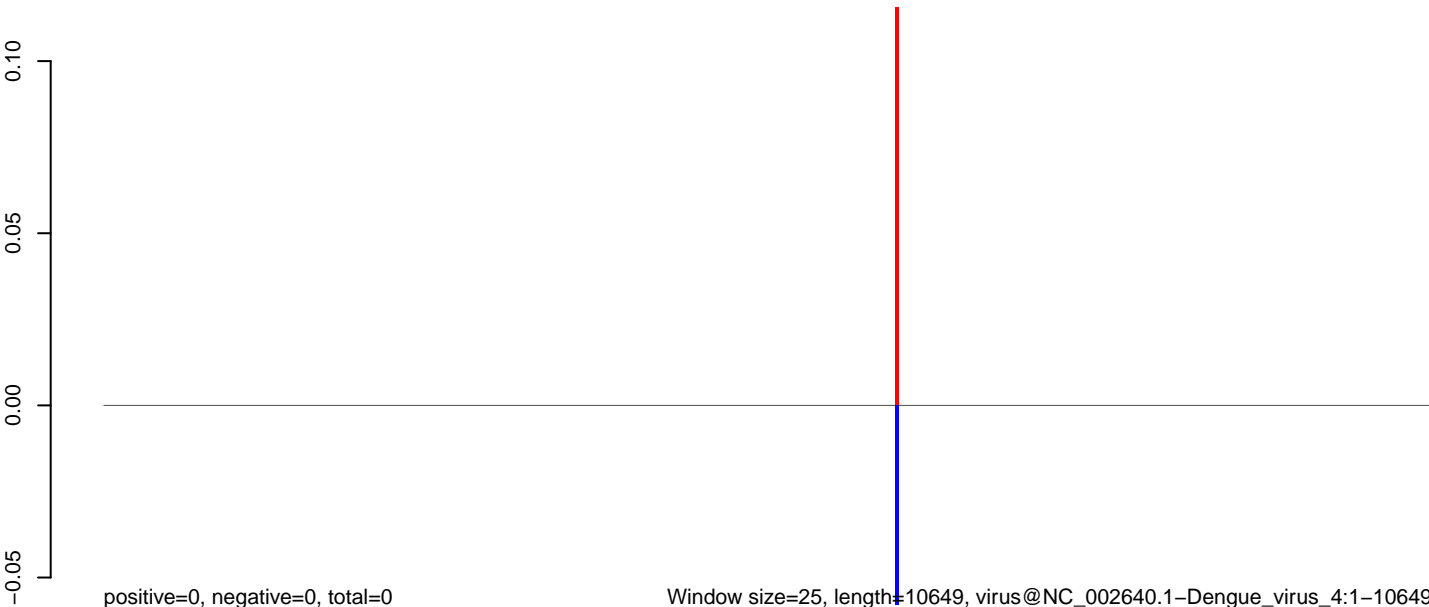
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

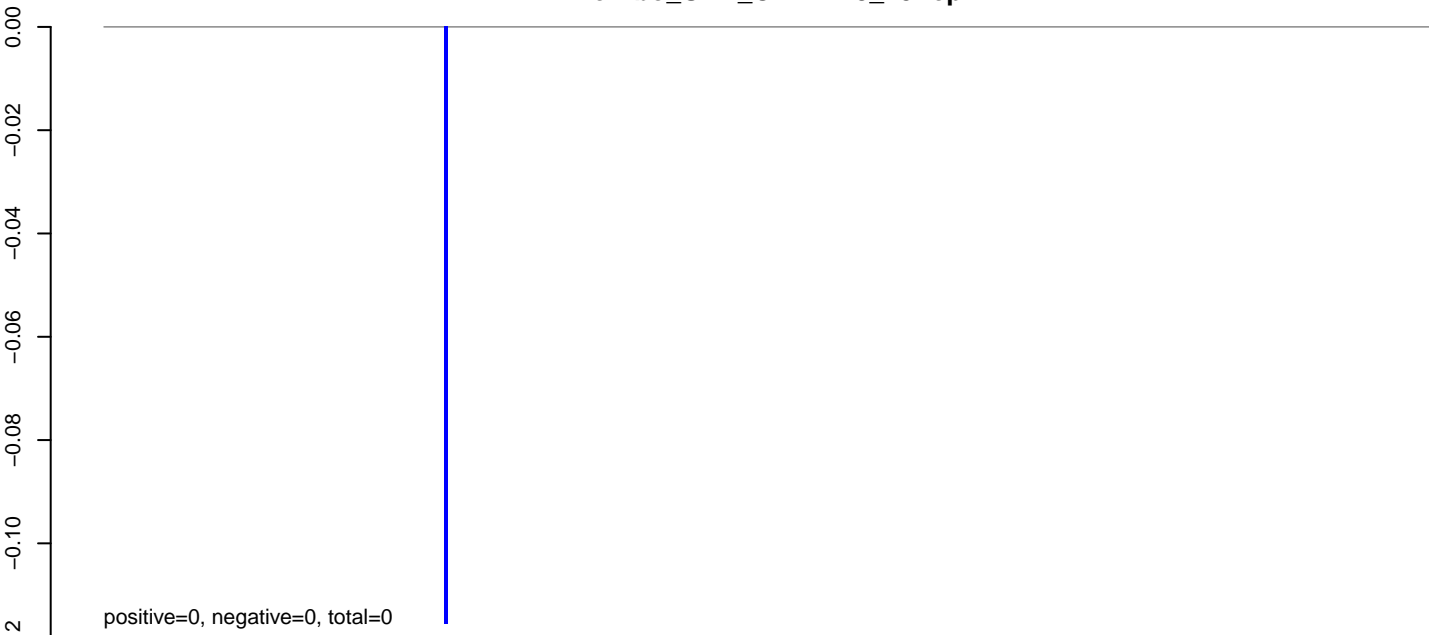


**AeAlbo\_U4.4\_CHIKV.rep**

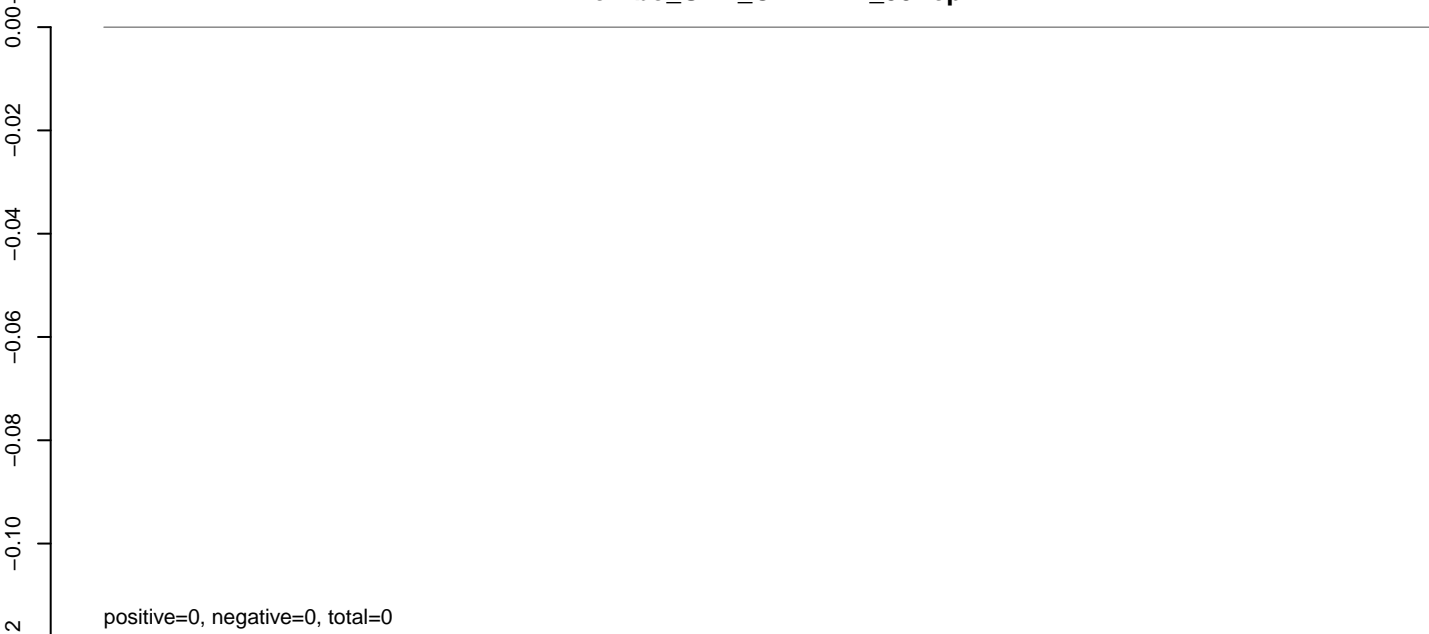


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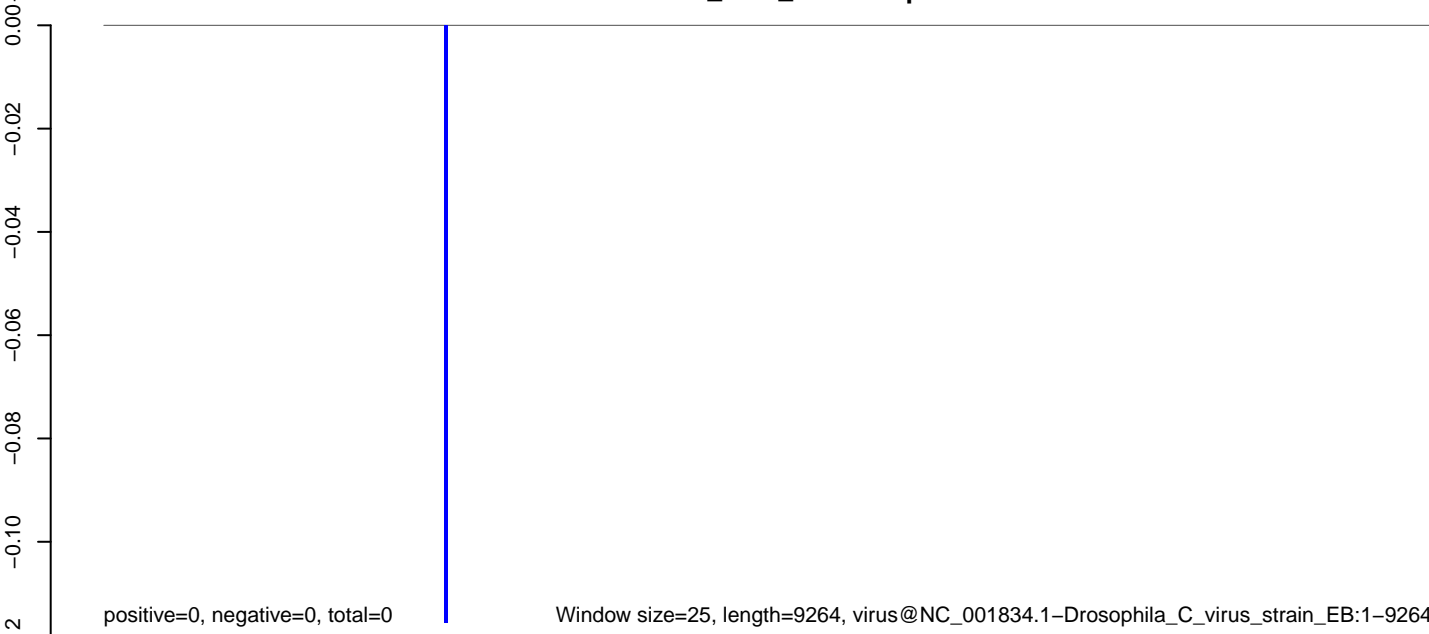
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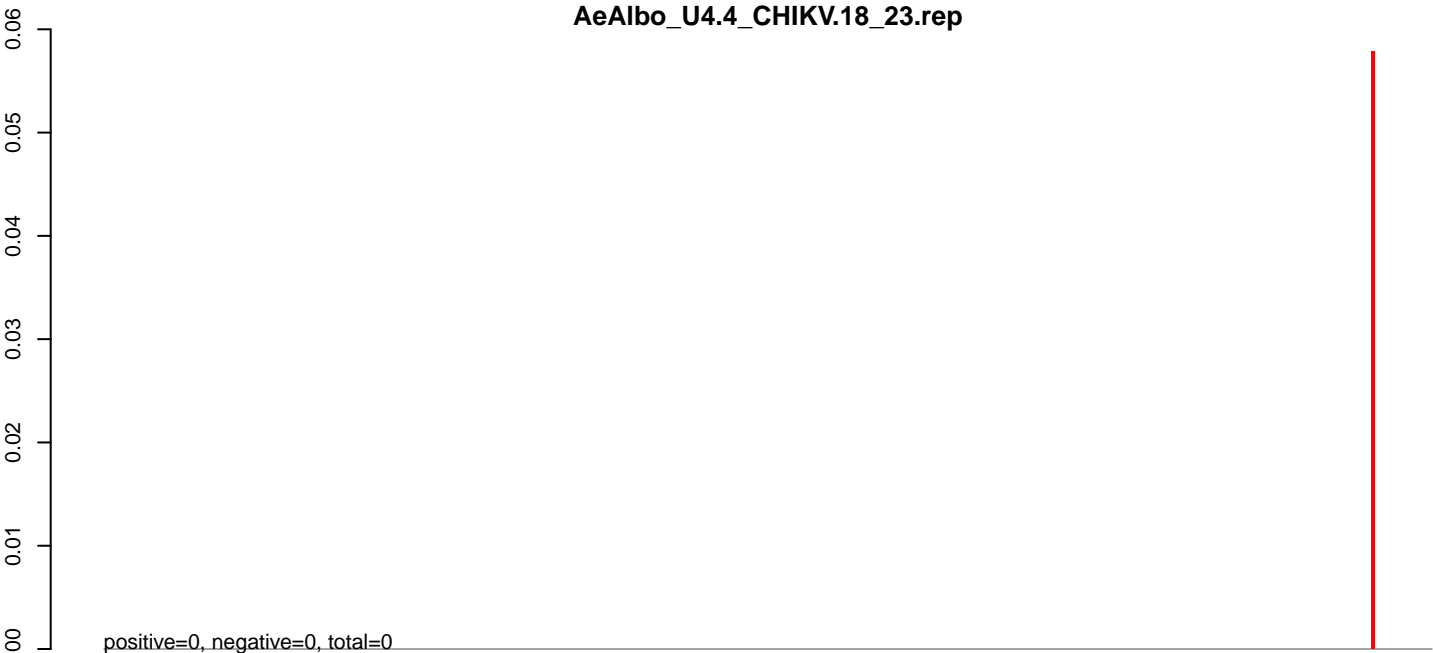
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

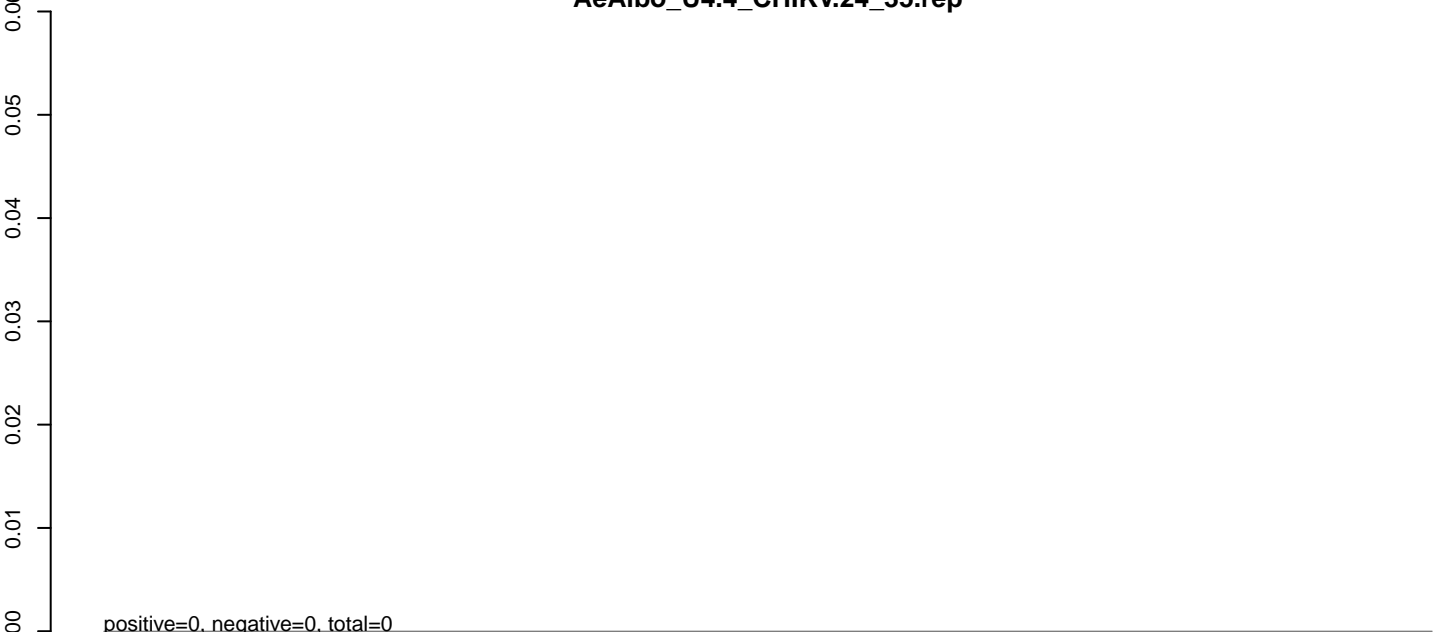


**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



positive=0, negative=0, total=0

**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



positive=0, negative=0, total=0

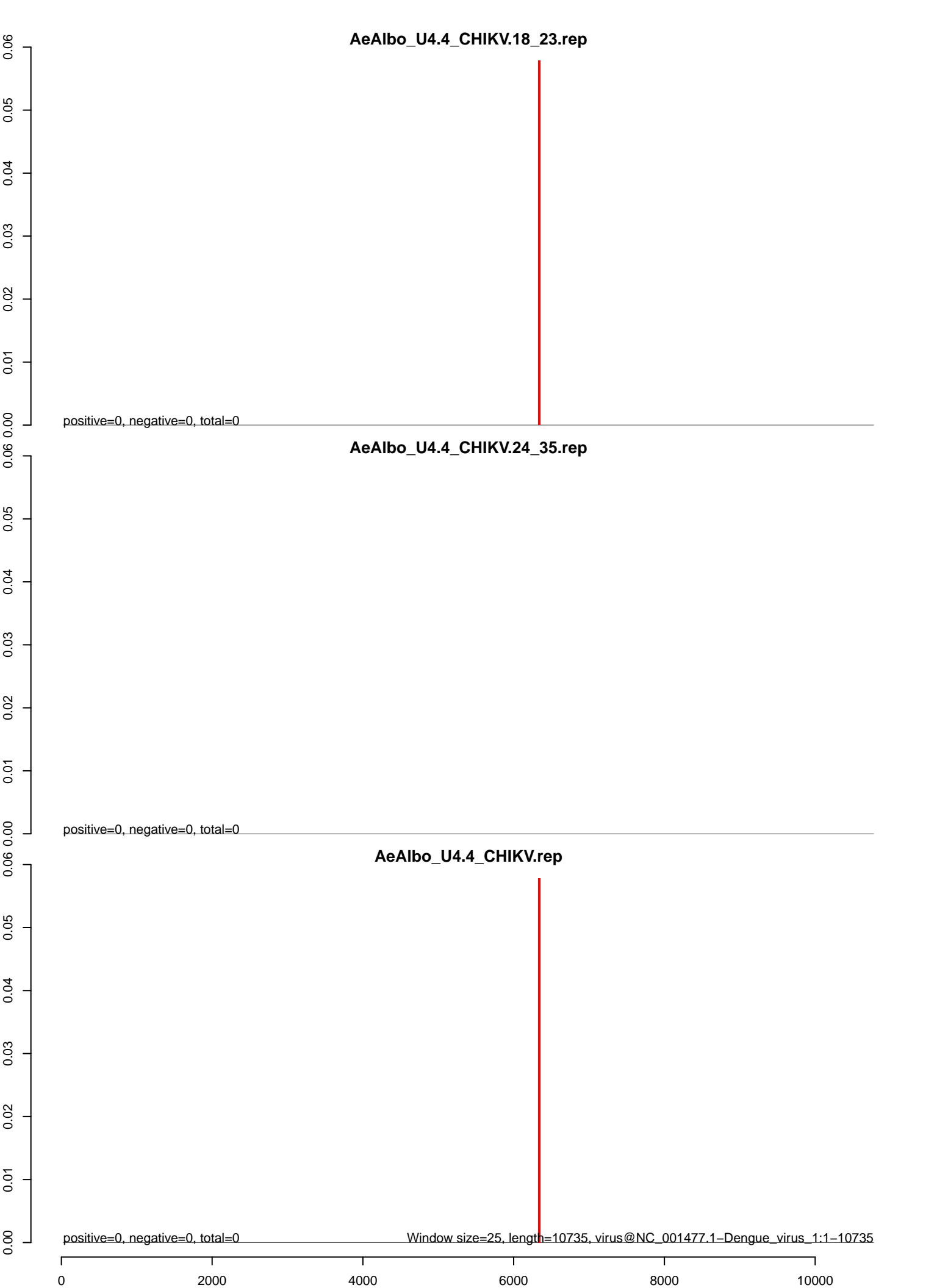
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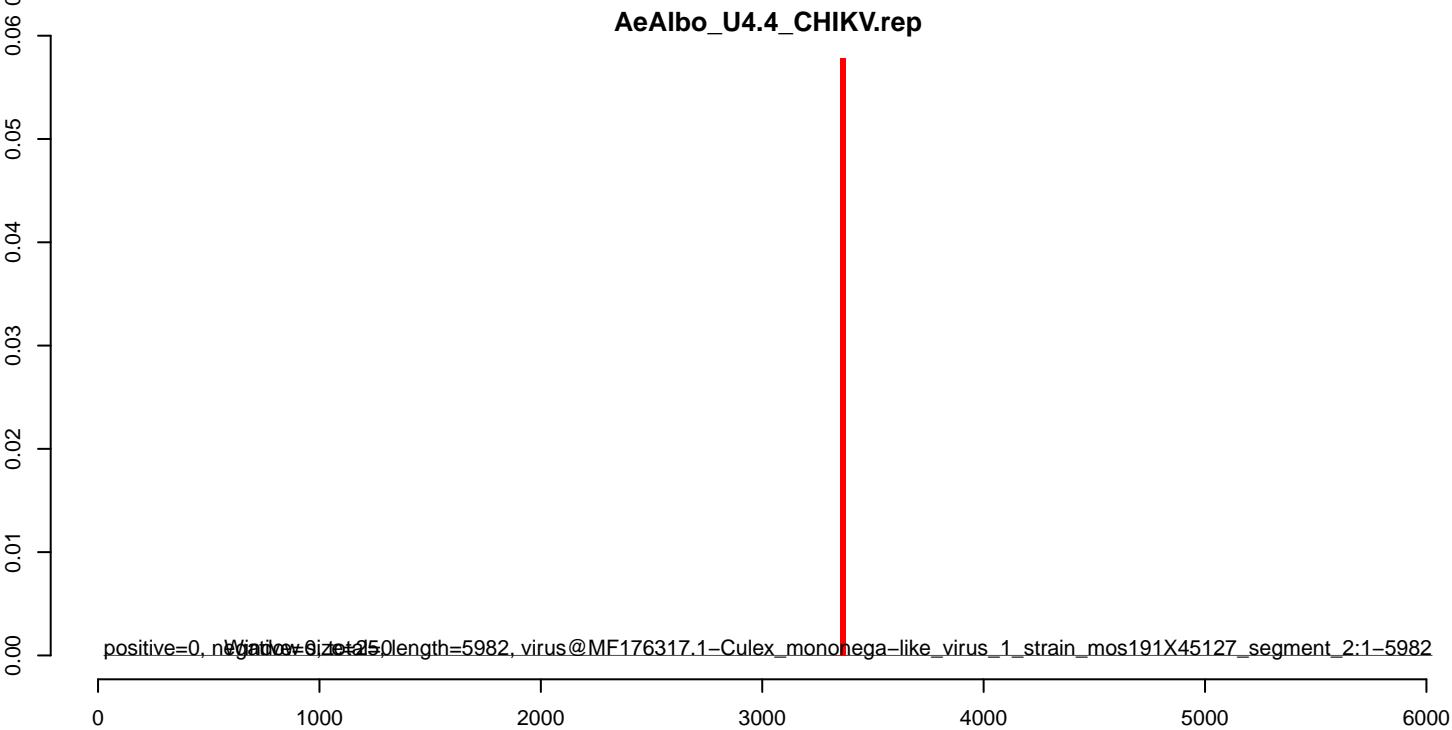
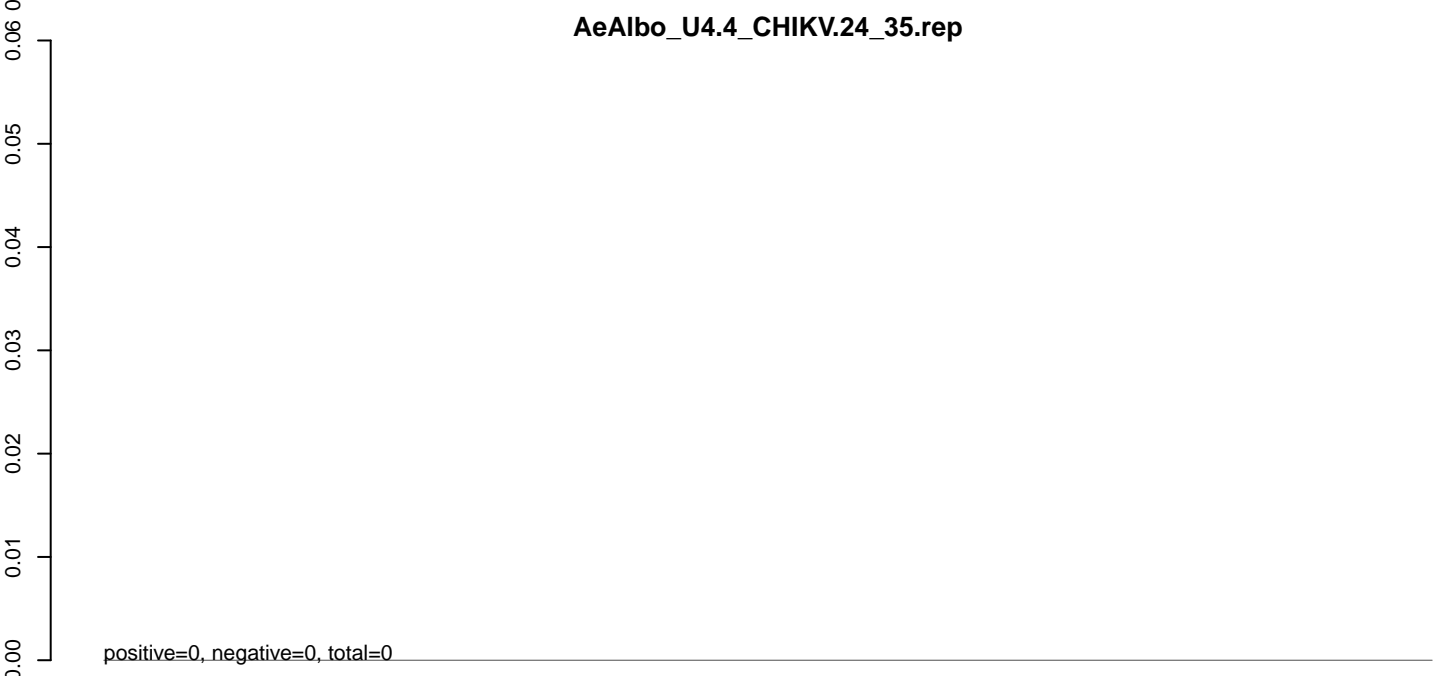
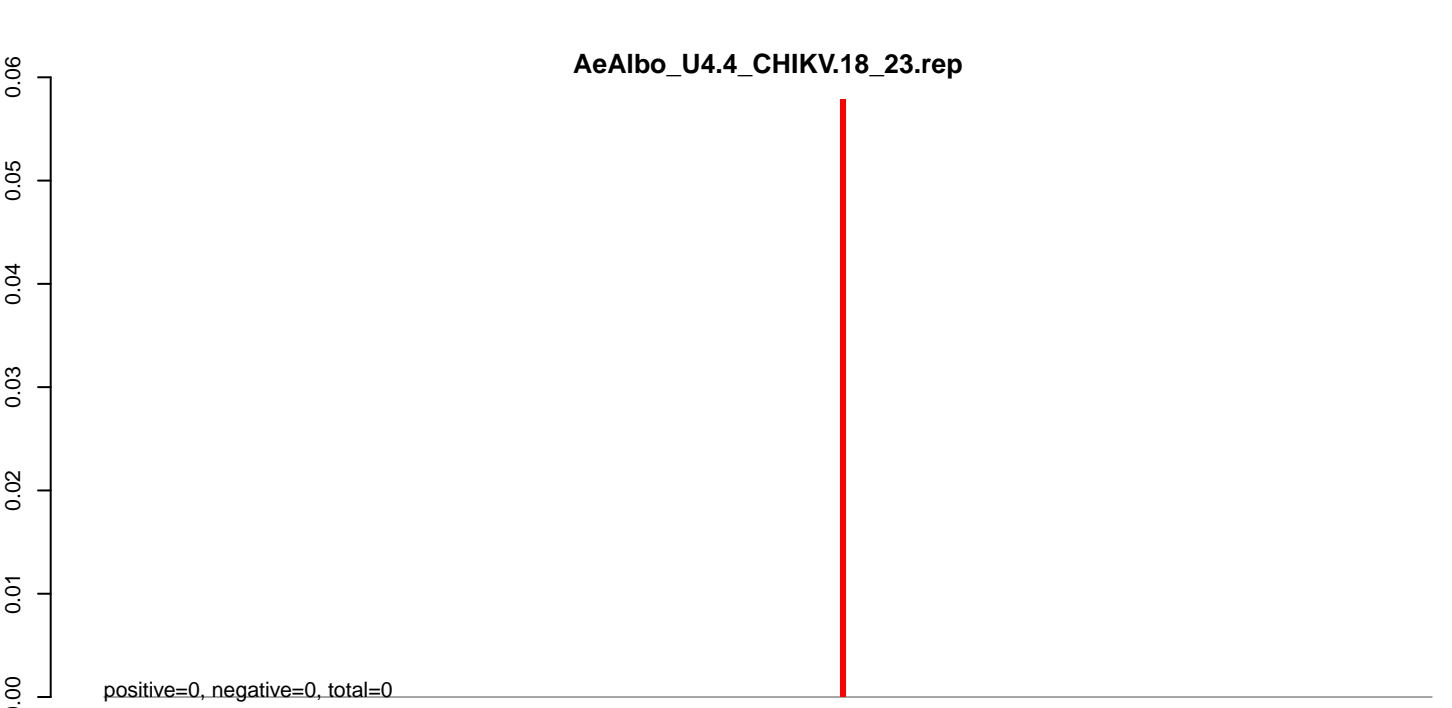


positive=0, negative=0, total=0

Window size=25, length=10871, virus@NC\_001809.1-Louping\_ill\_virus:1-10871

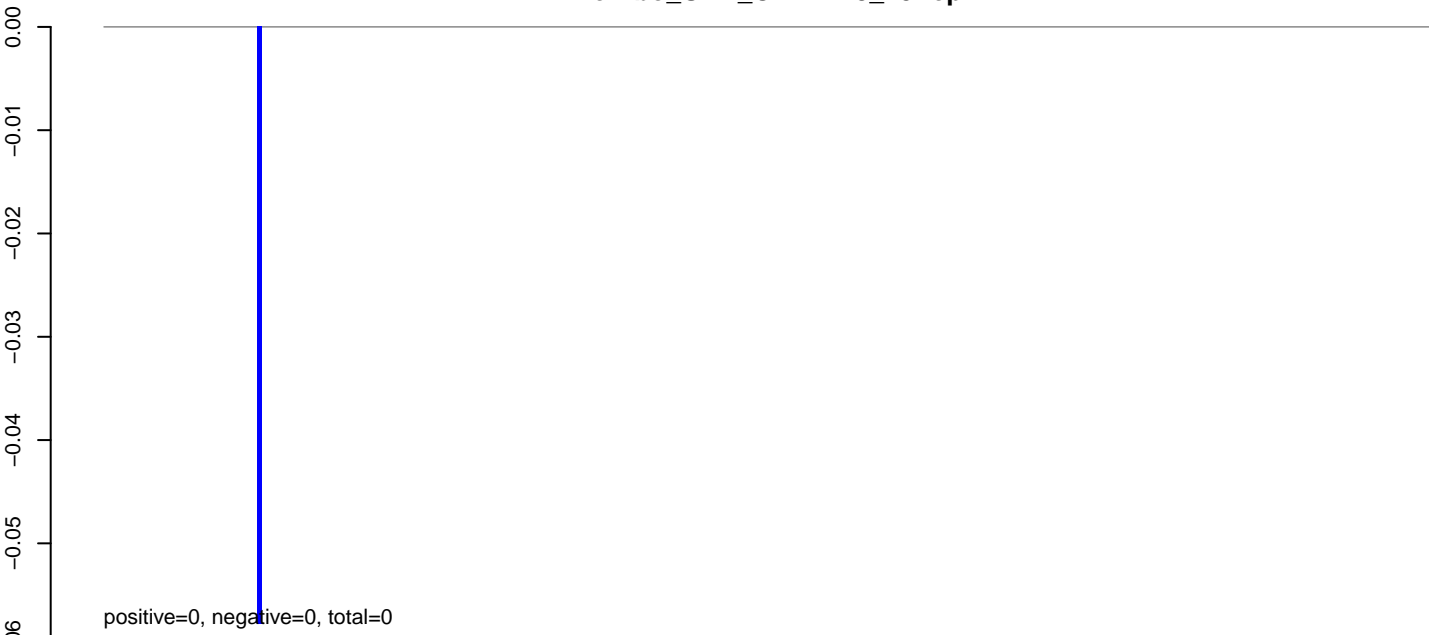
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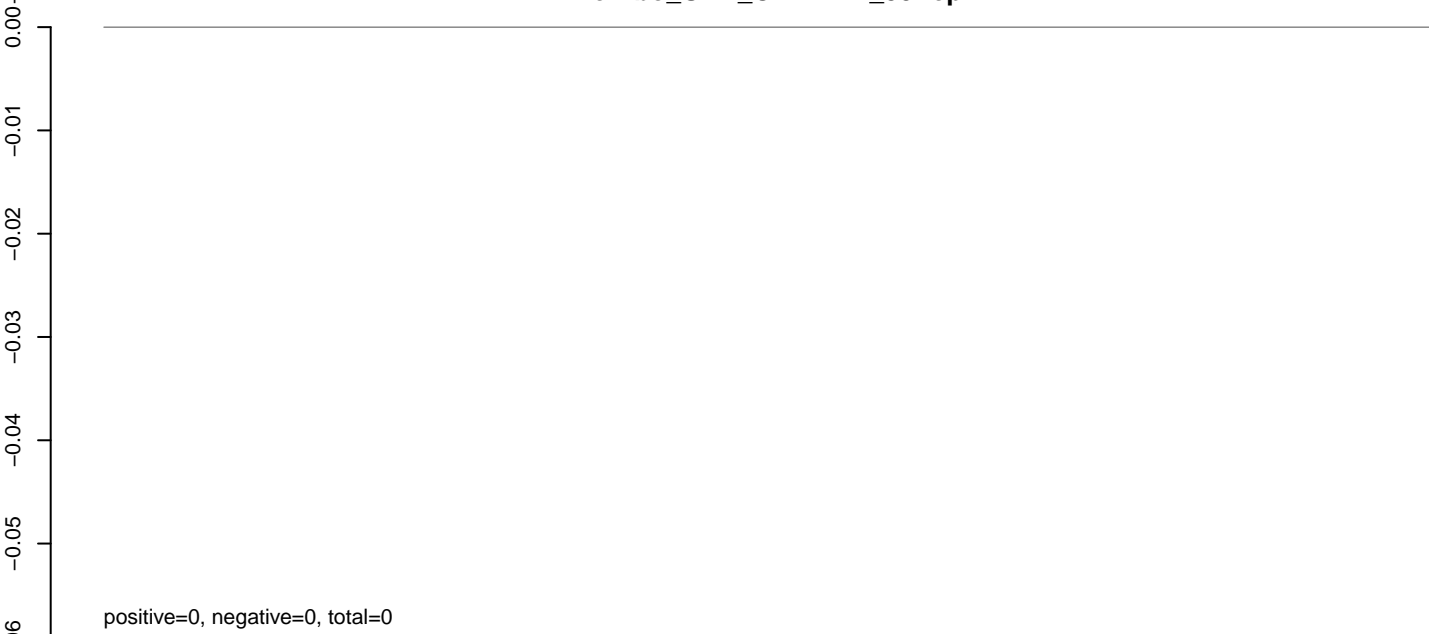




**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



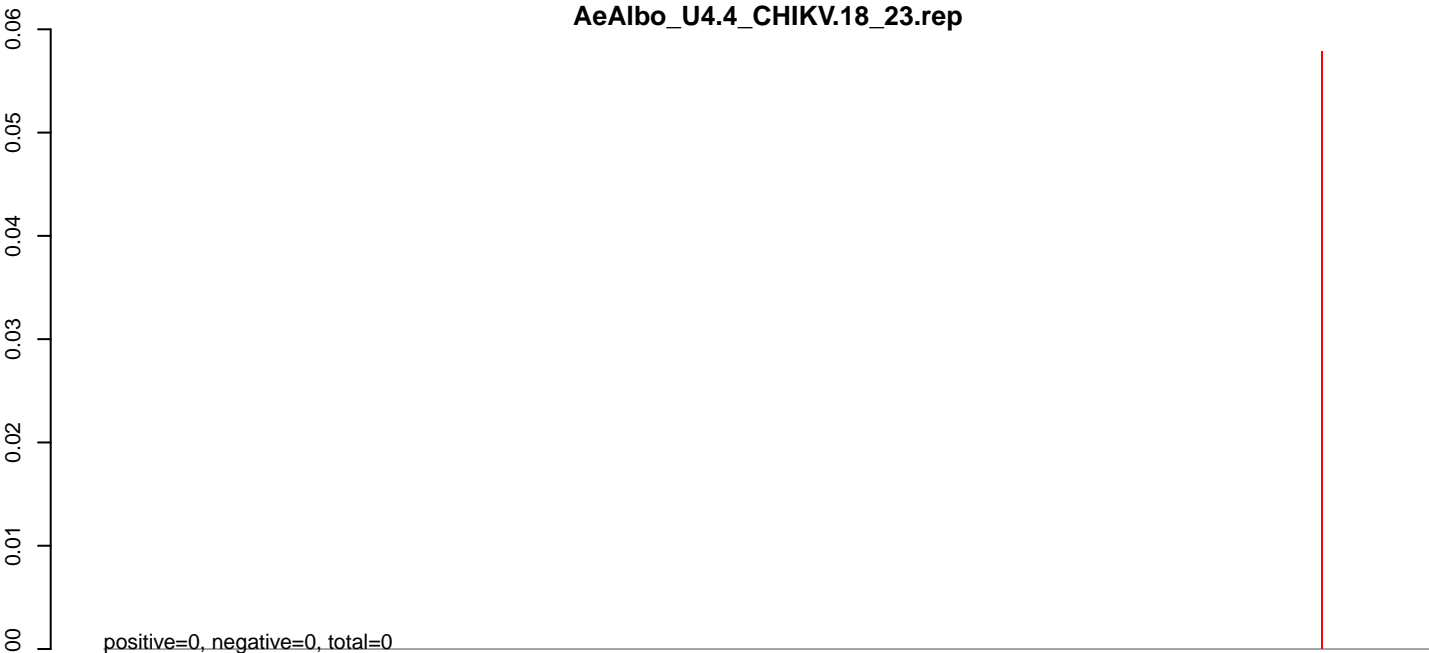
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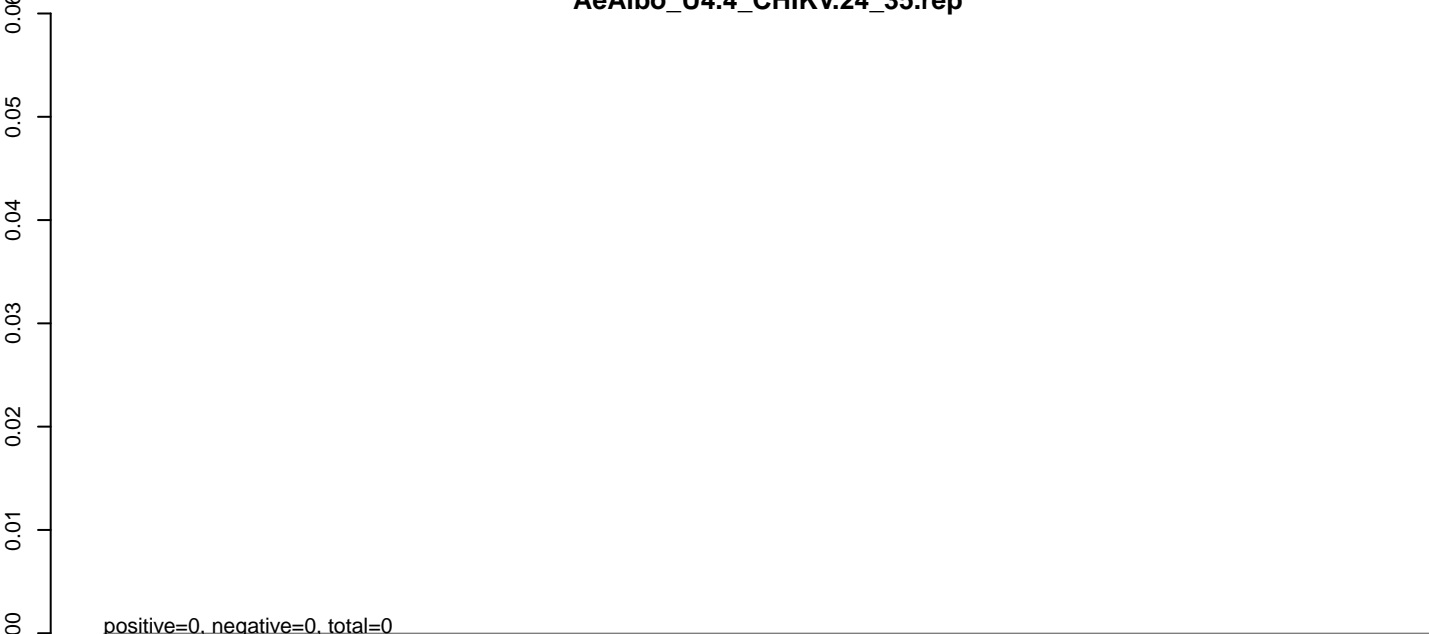
**AeAlbo\_U4.4\_CHIKV.rep**



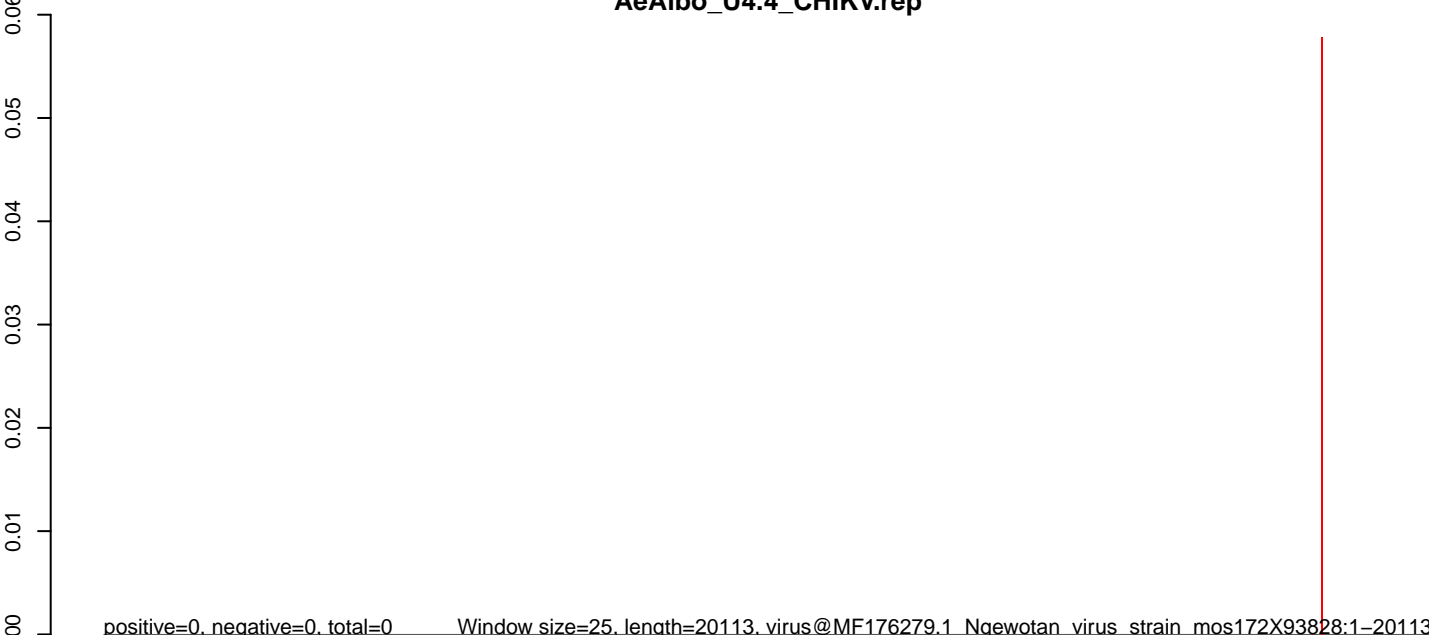
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



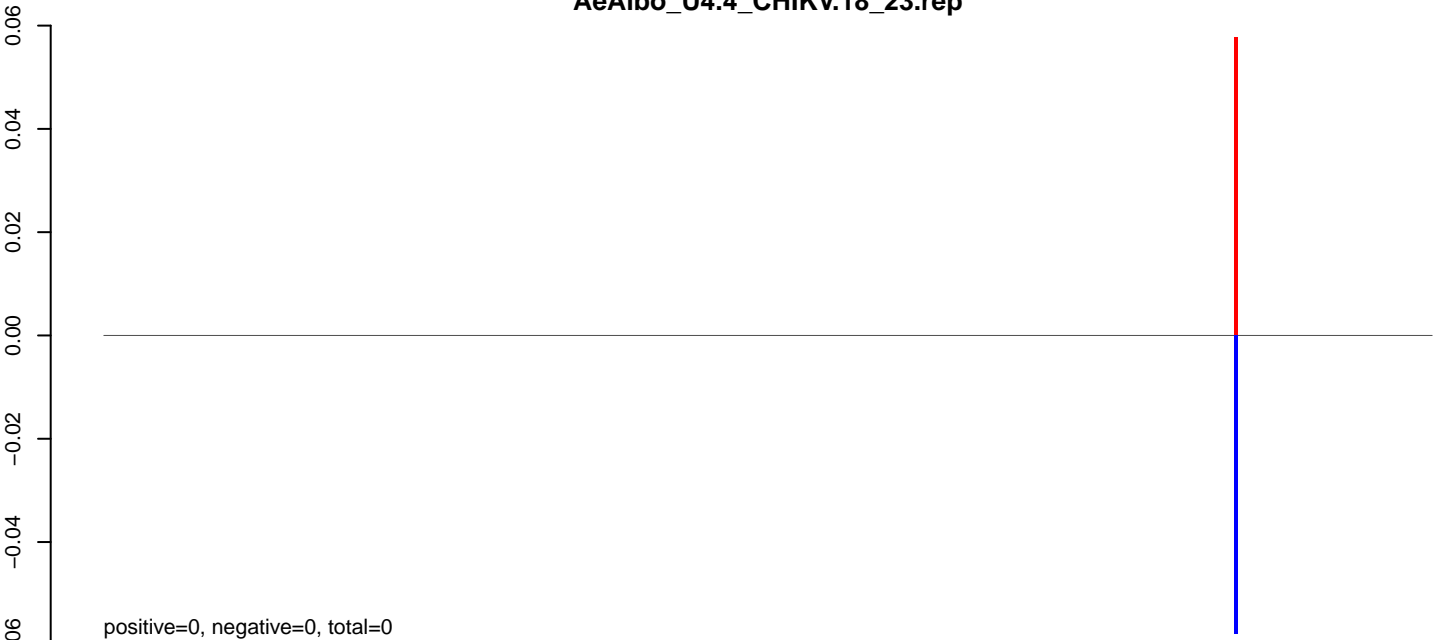
**AeAlbo\_U4.4\_CHIKV.rep**



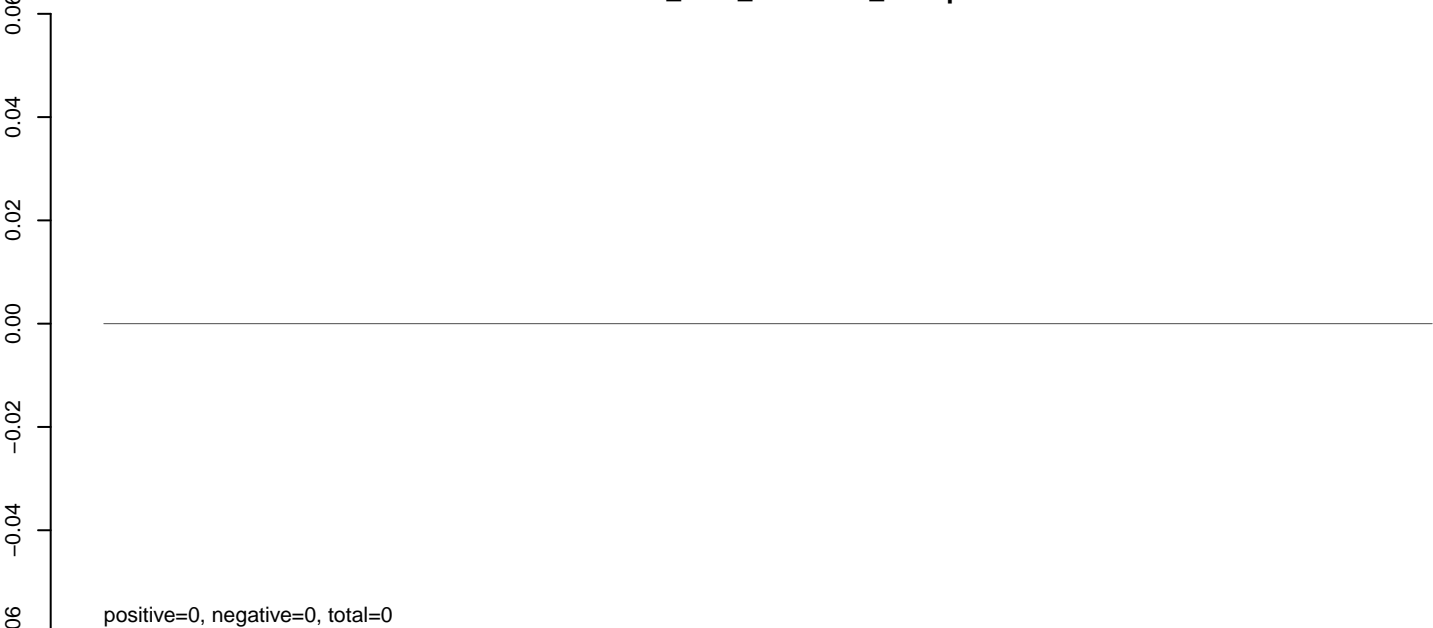
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0 5000 10000 15000 20000

**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



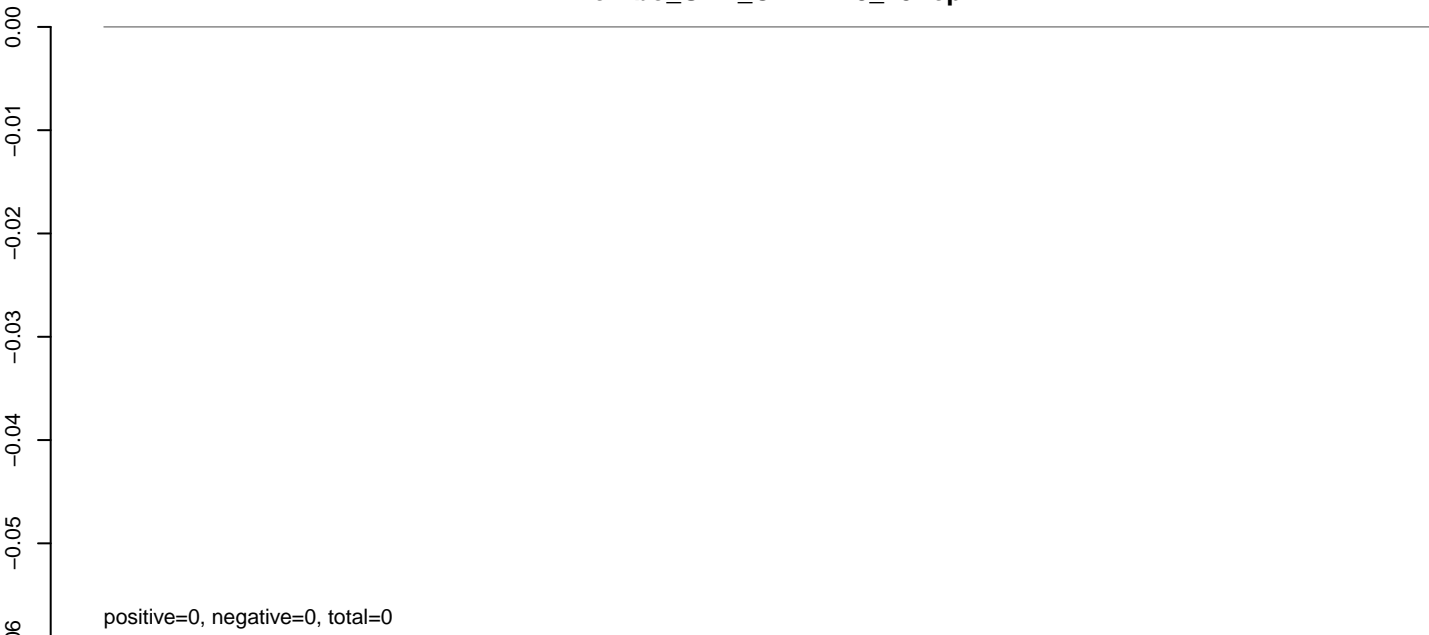
**AeAlbo\_U4.4\_CHIKV.rep**



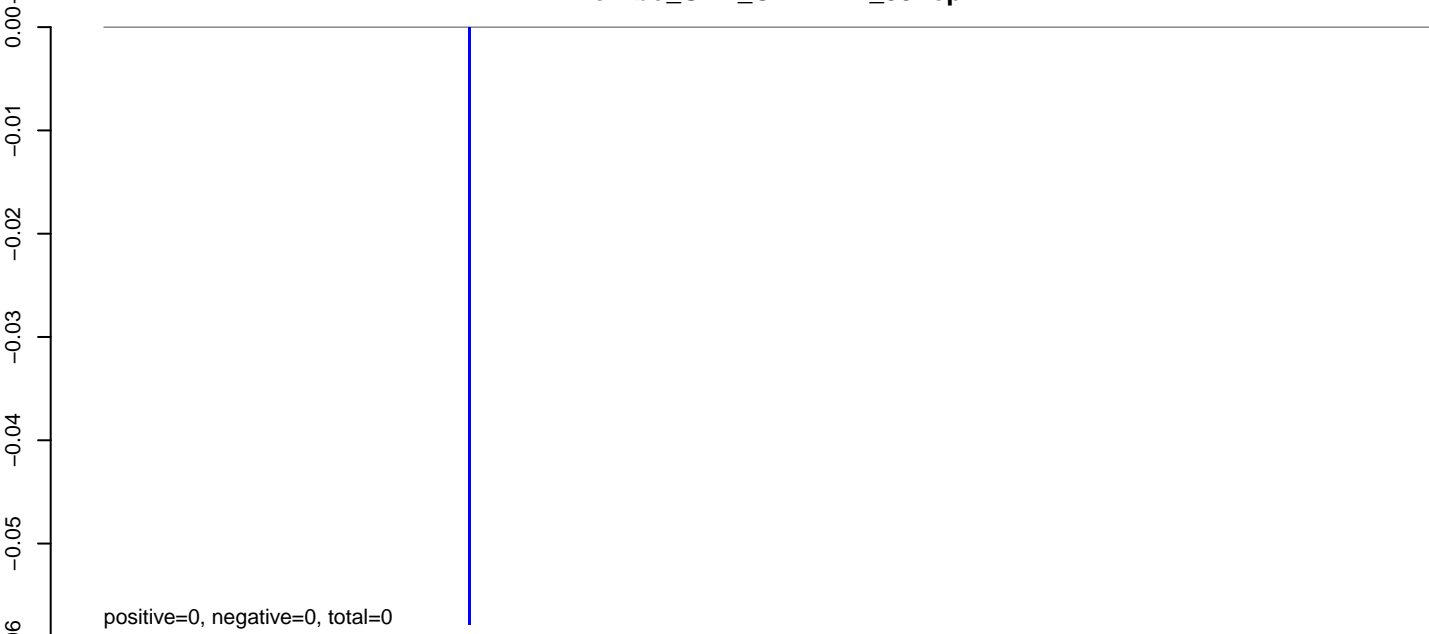
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0 2000 4000 6000 8000 10000

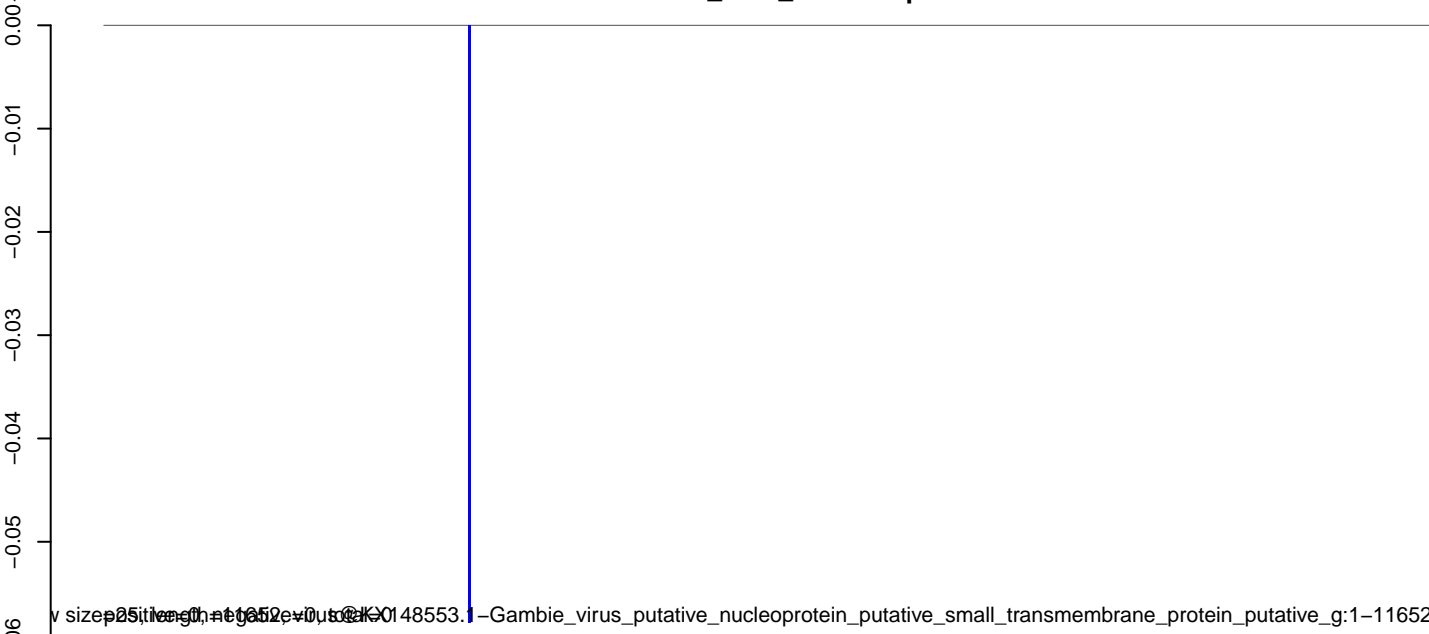
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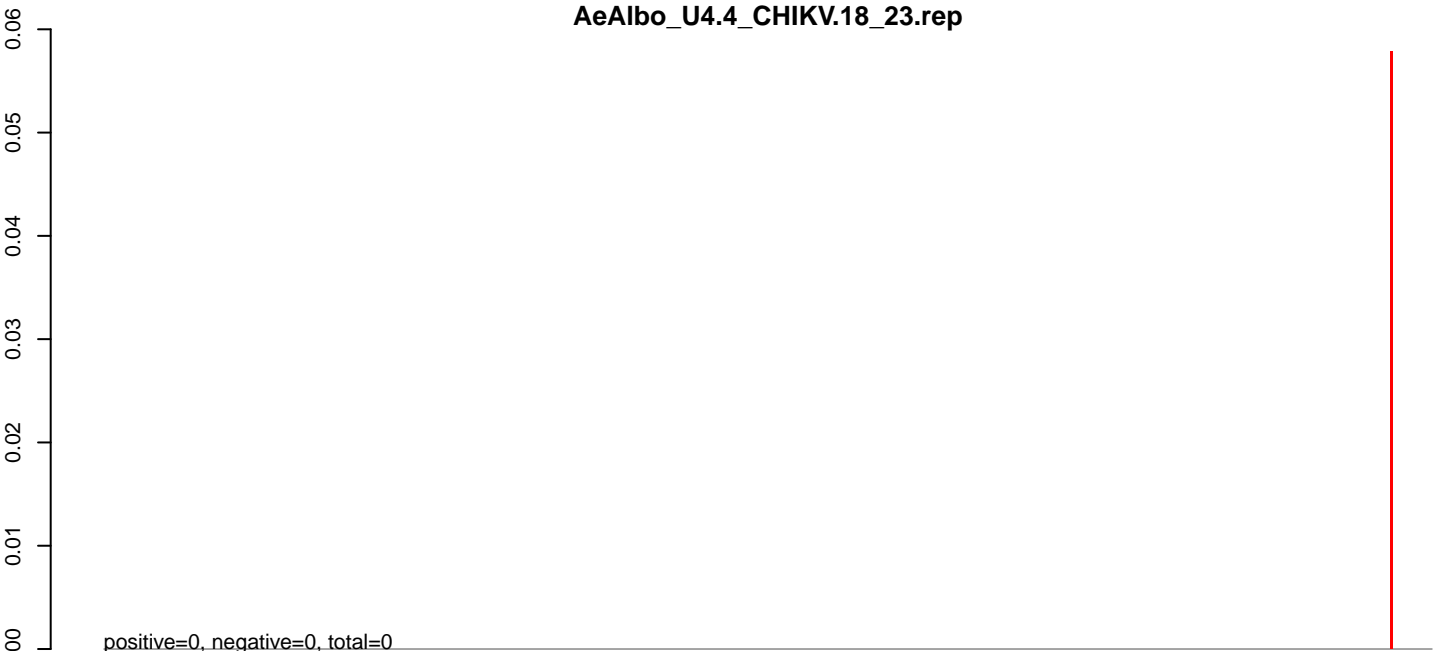
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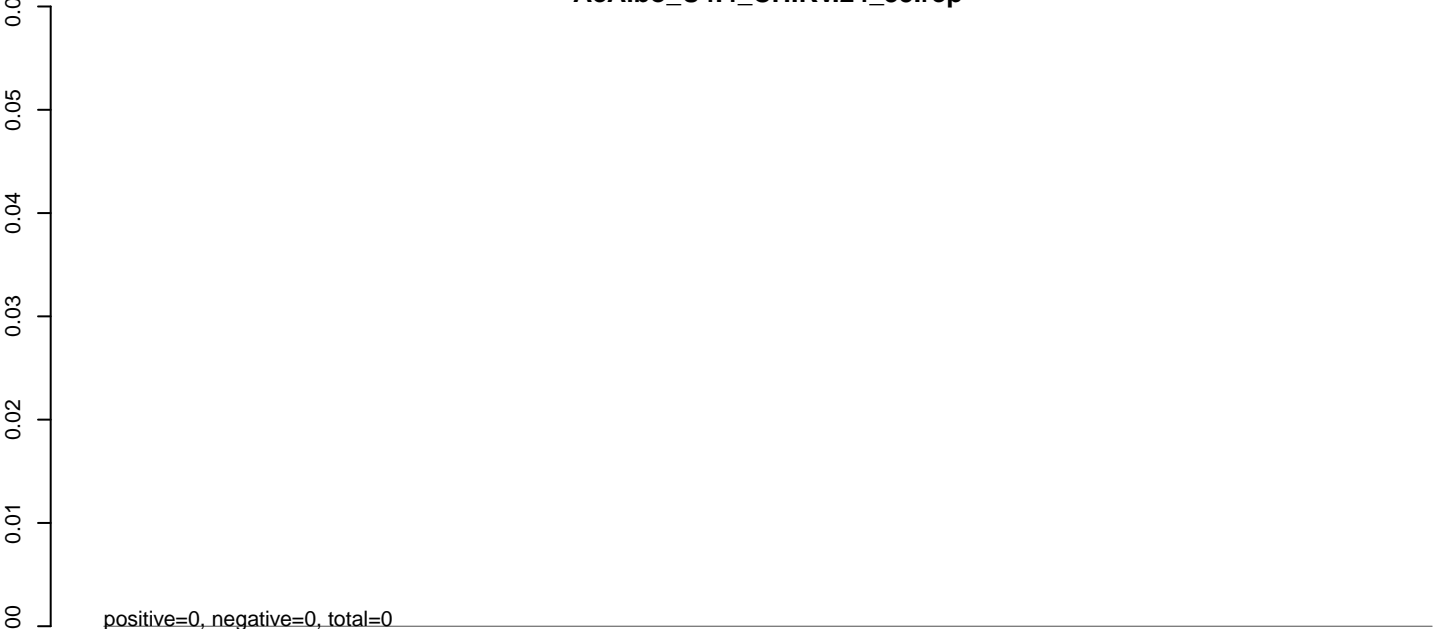
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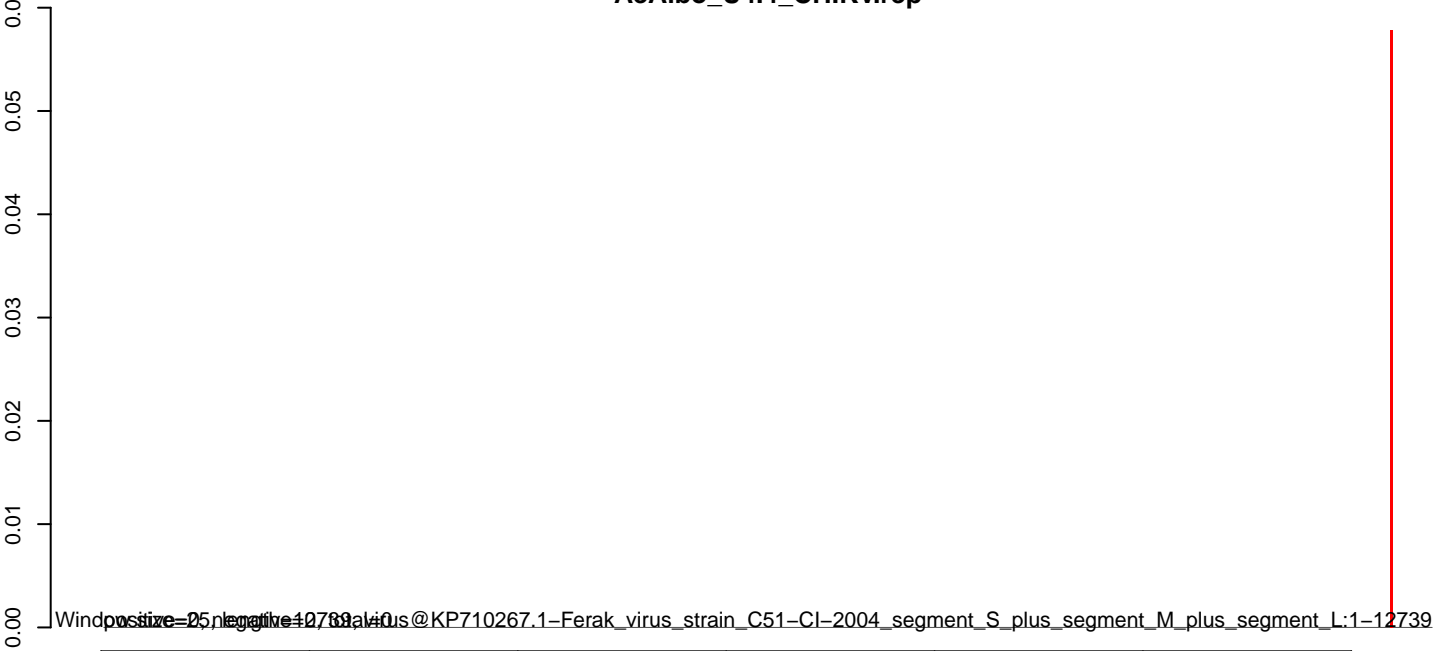
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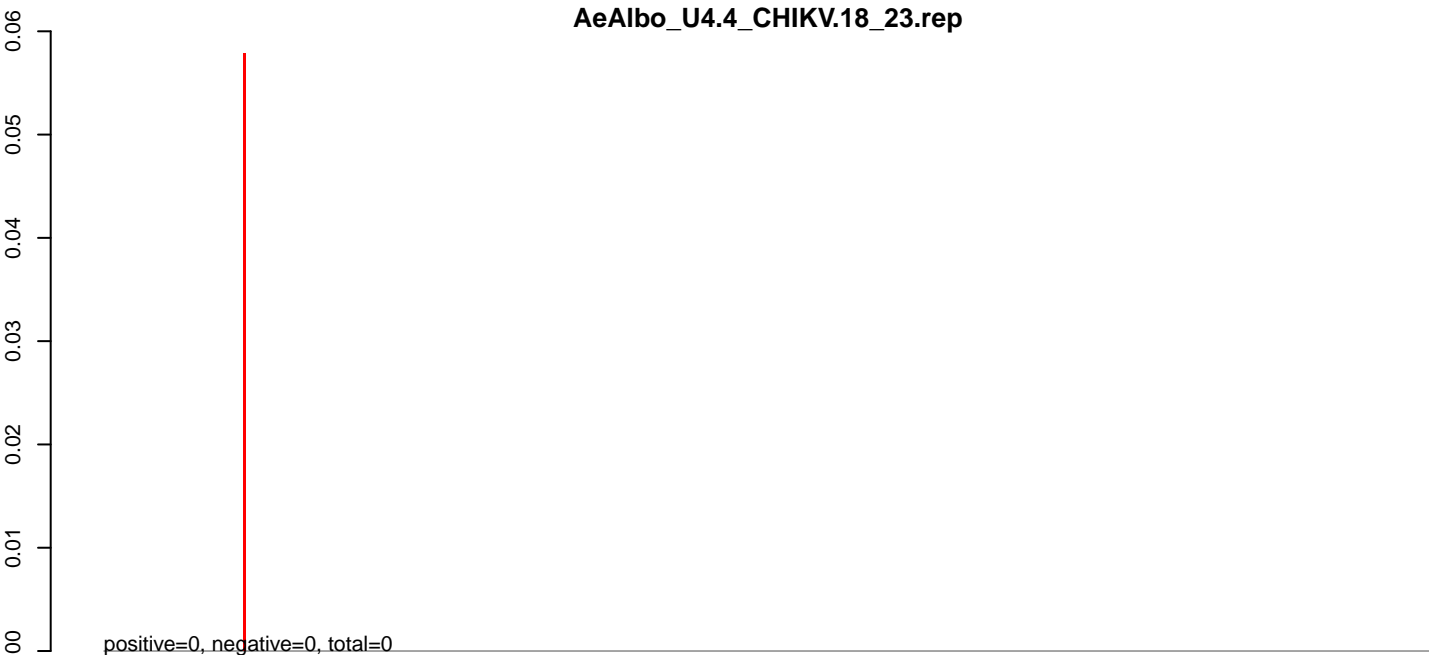
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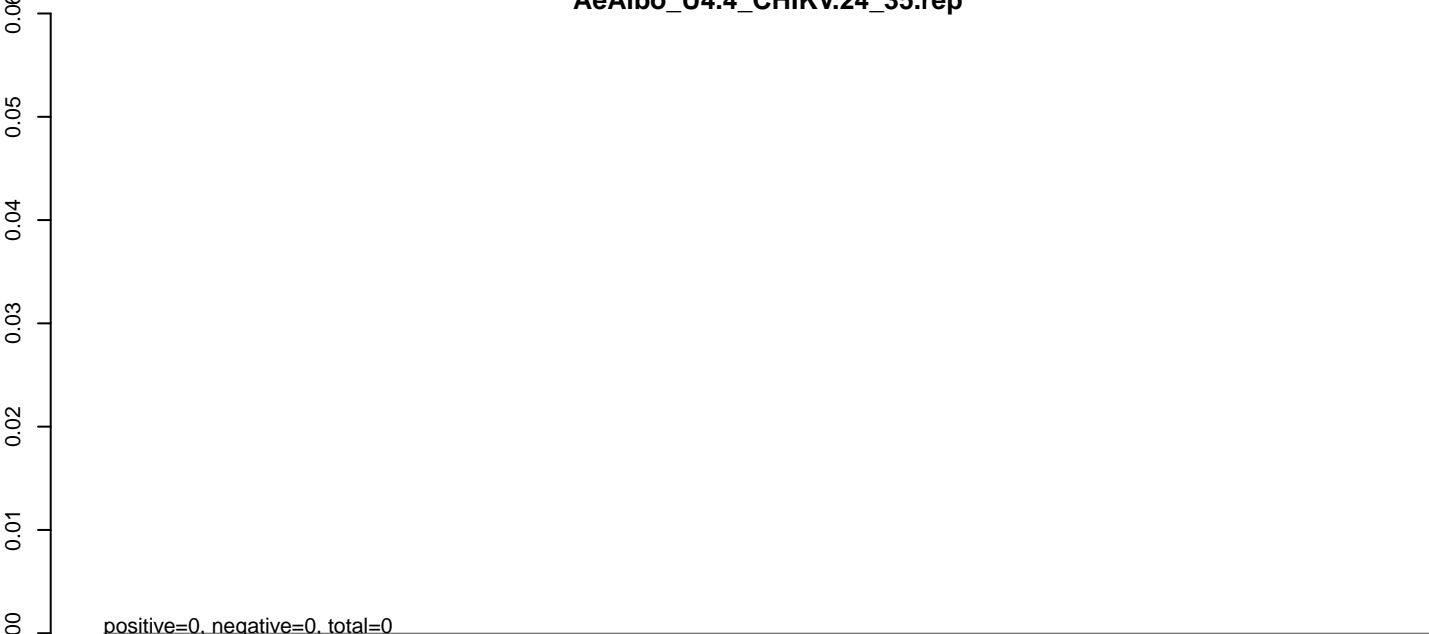
**AeAlbo\_U4.4\_CHIKV.rep**



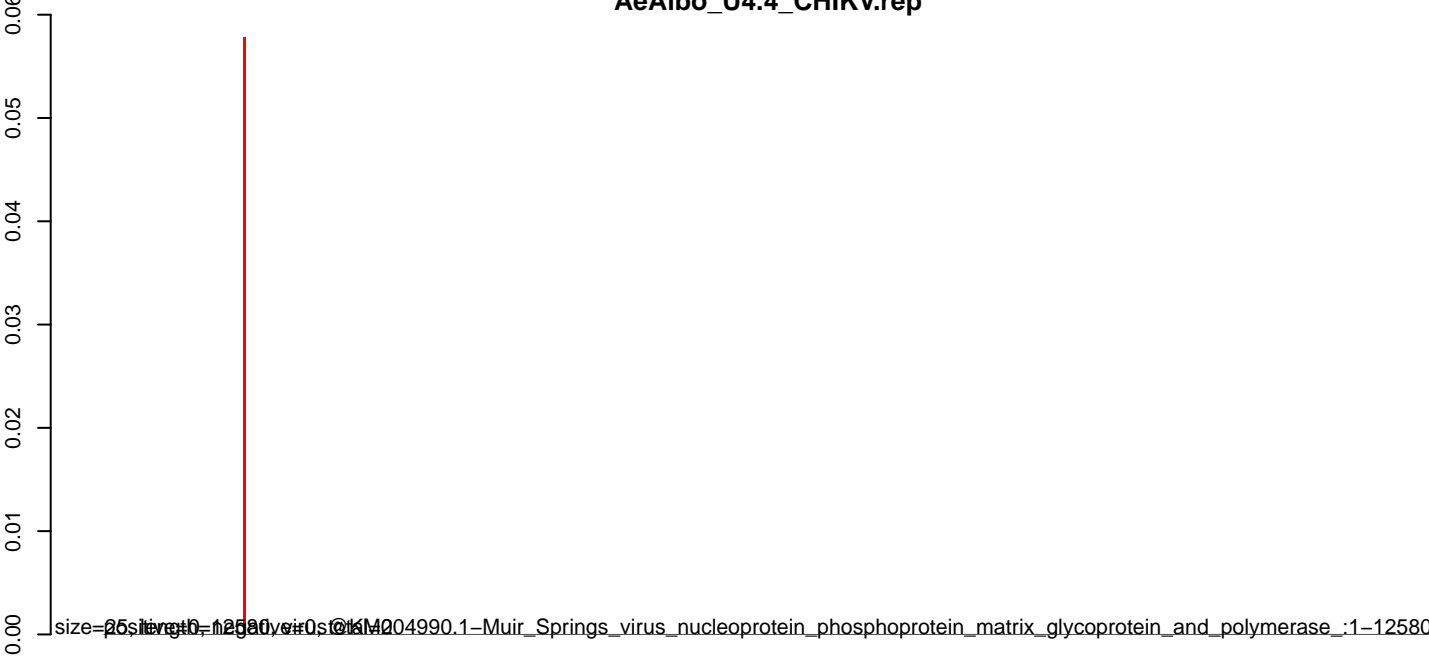
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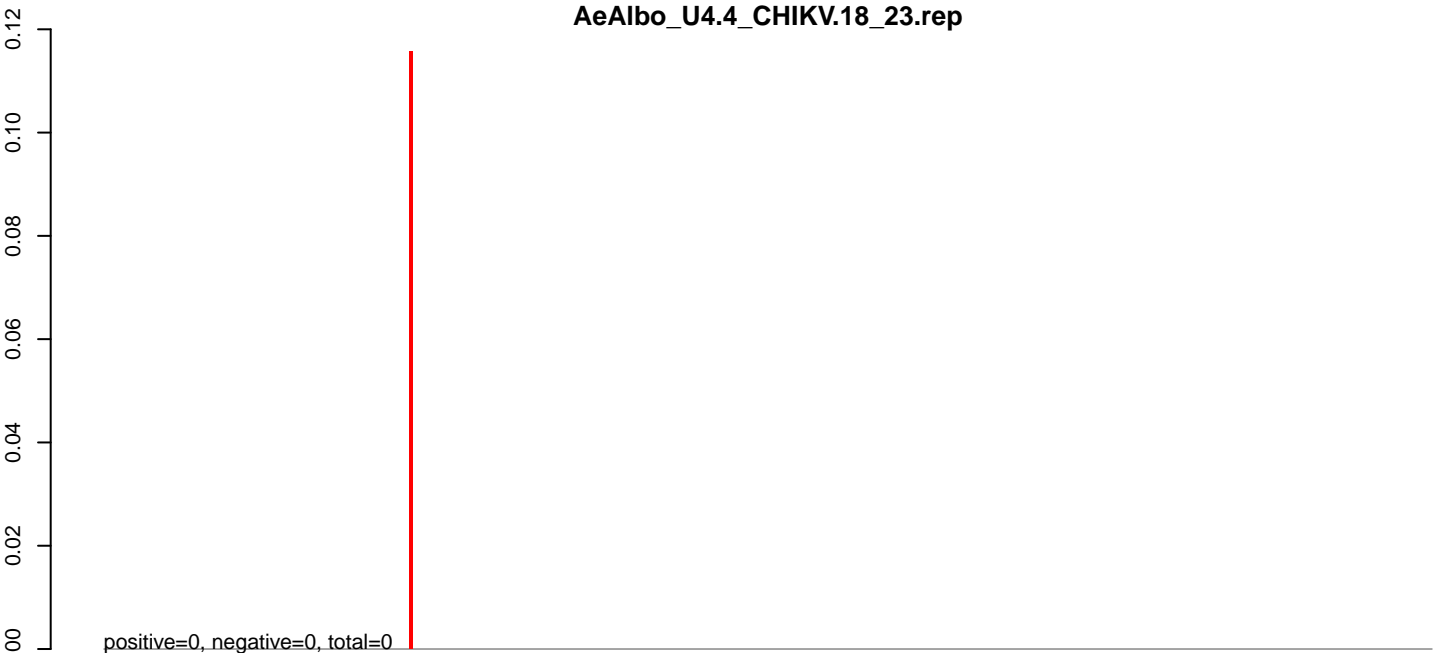
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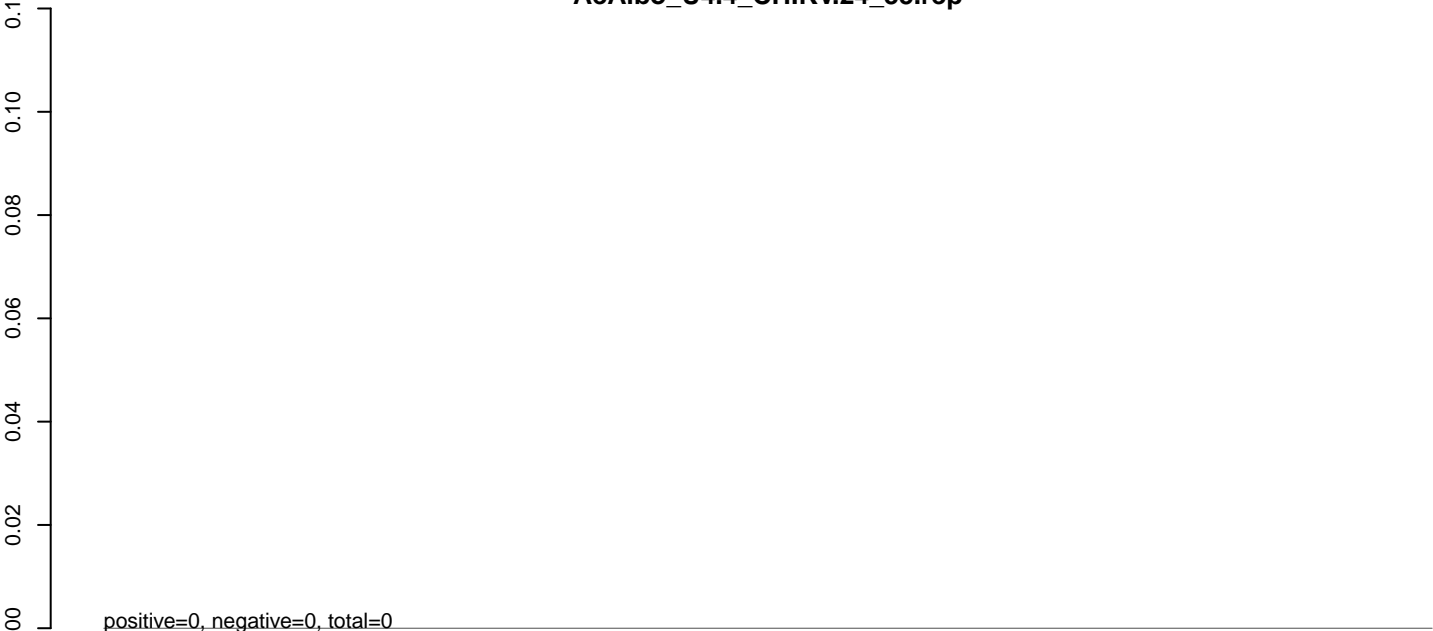
**AeAlbo\_U4.4\_CHIKV.rep**



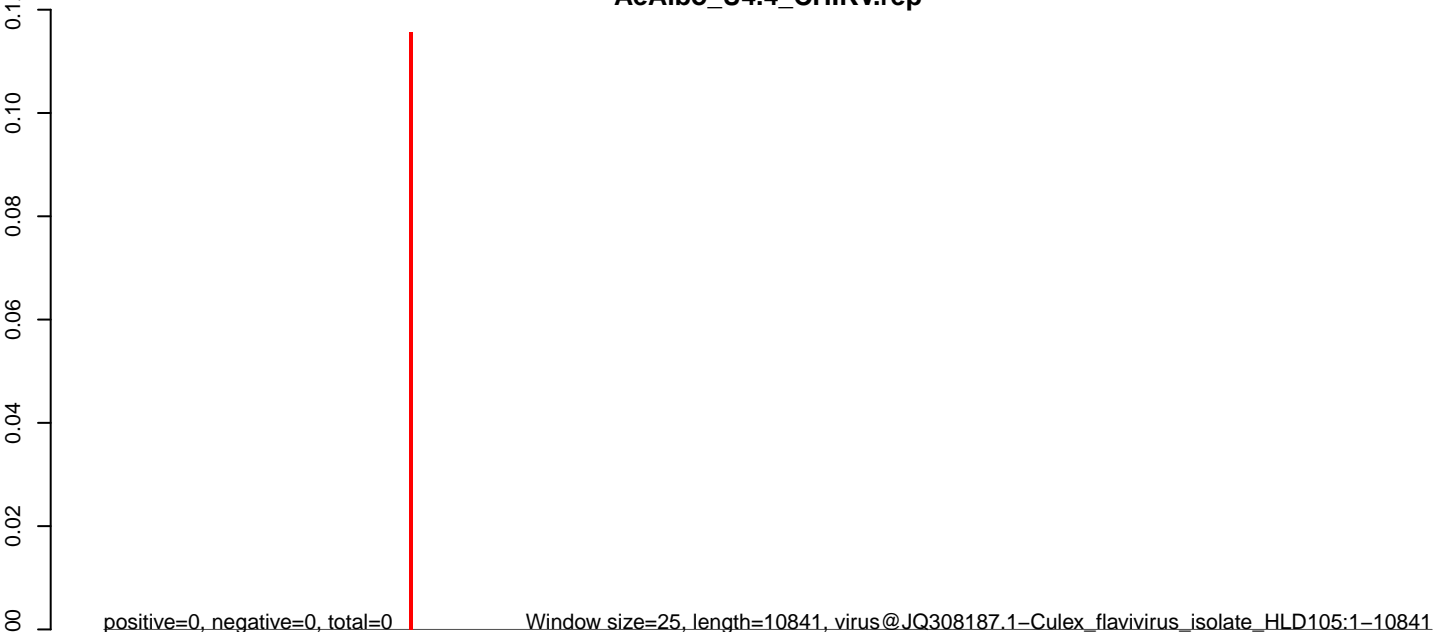
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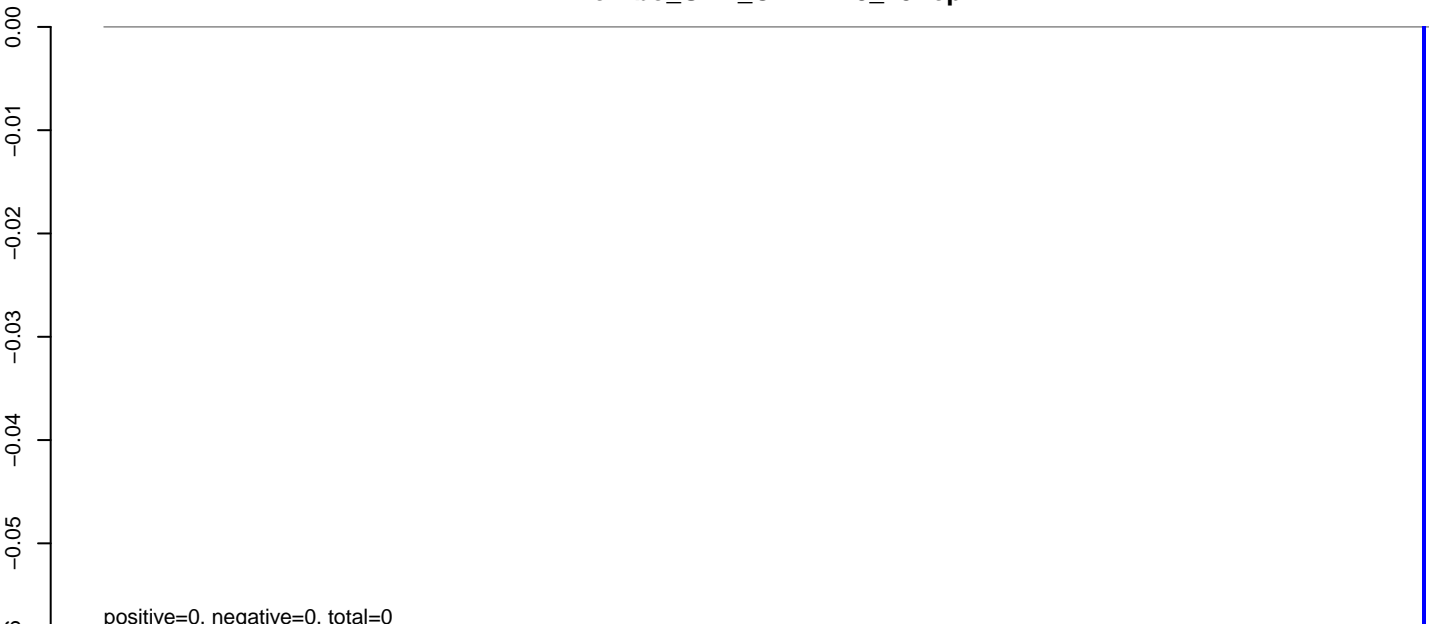
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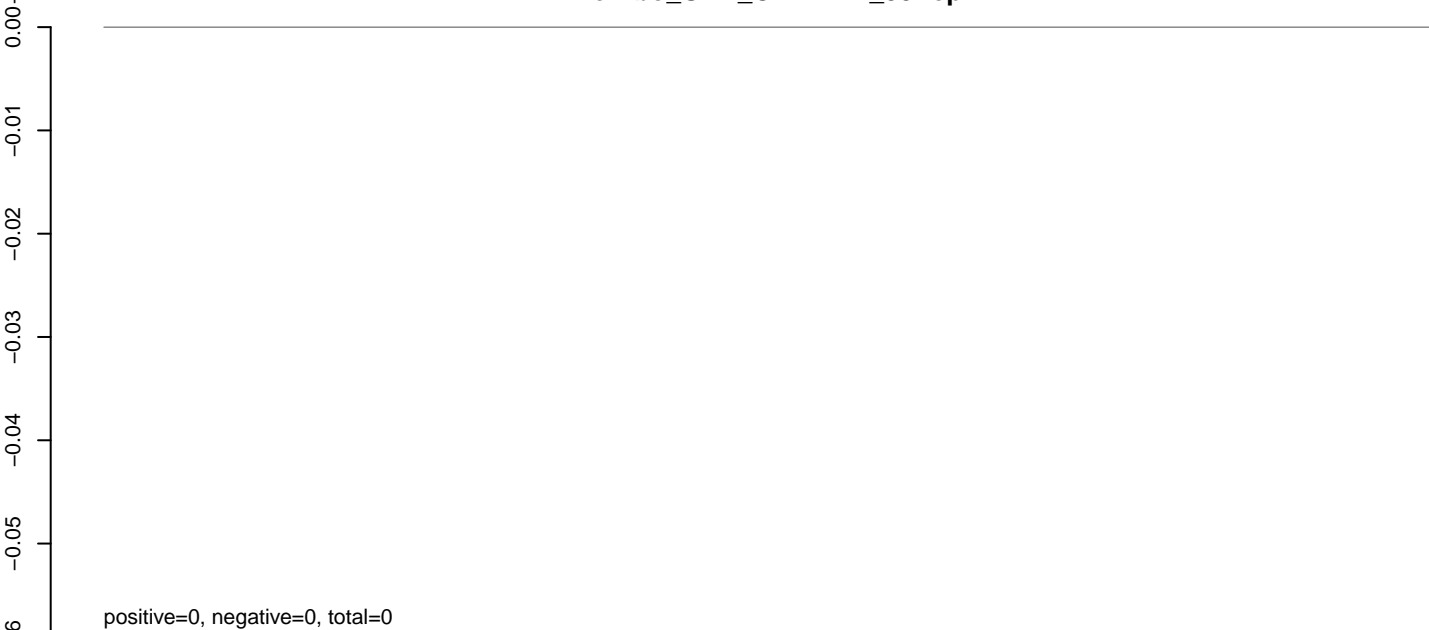
**AeAlbo\_U4.4\_CHIKV.rep**



**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

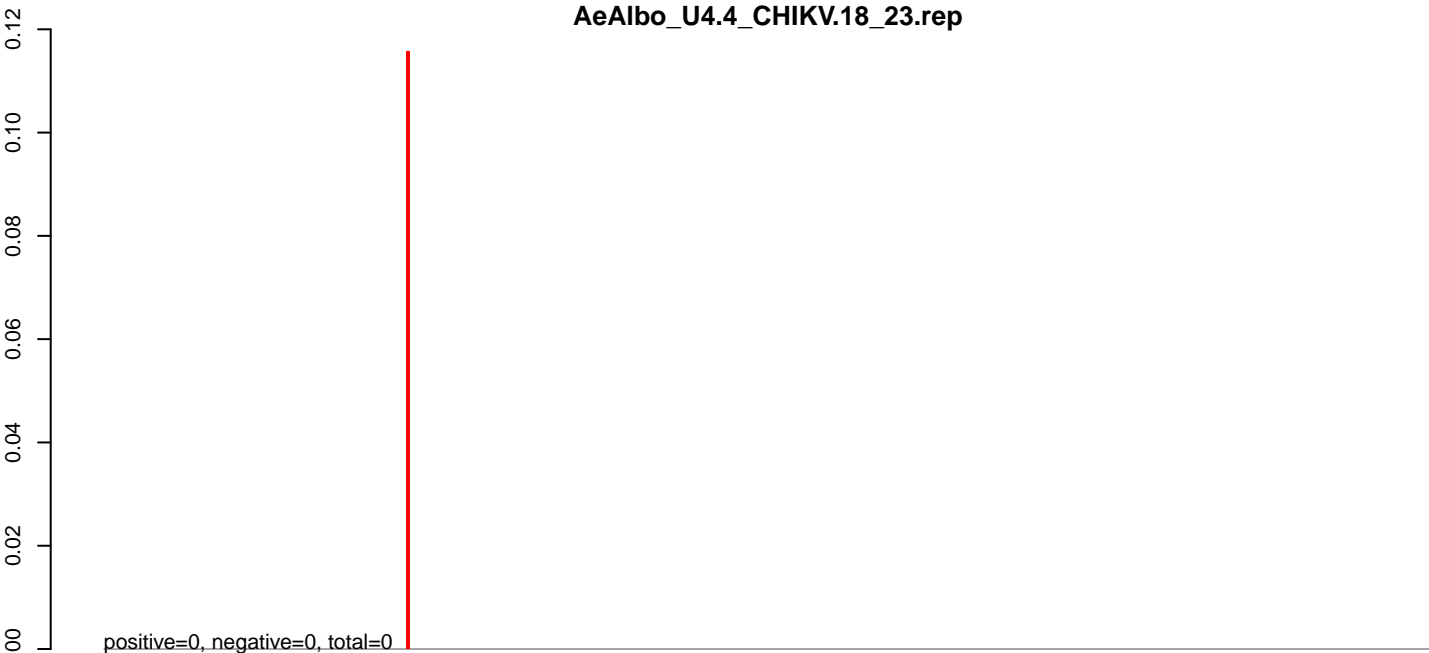


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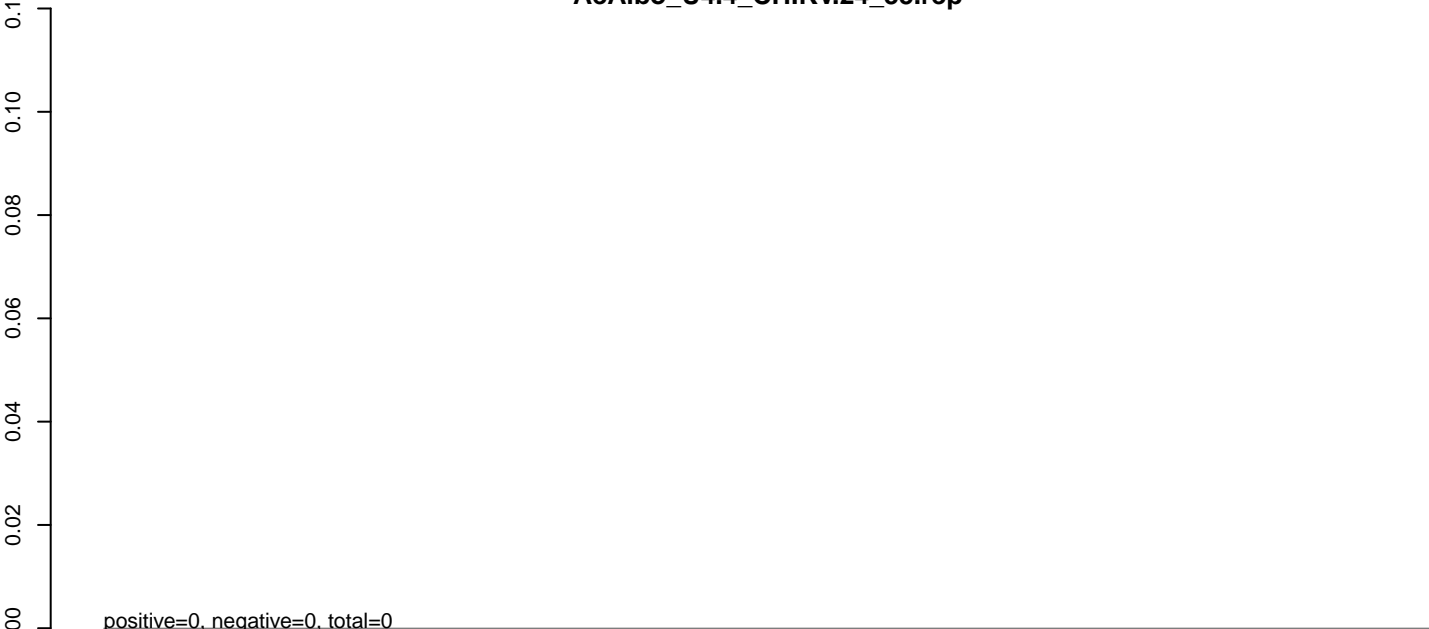




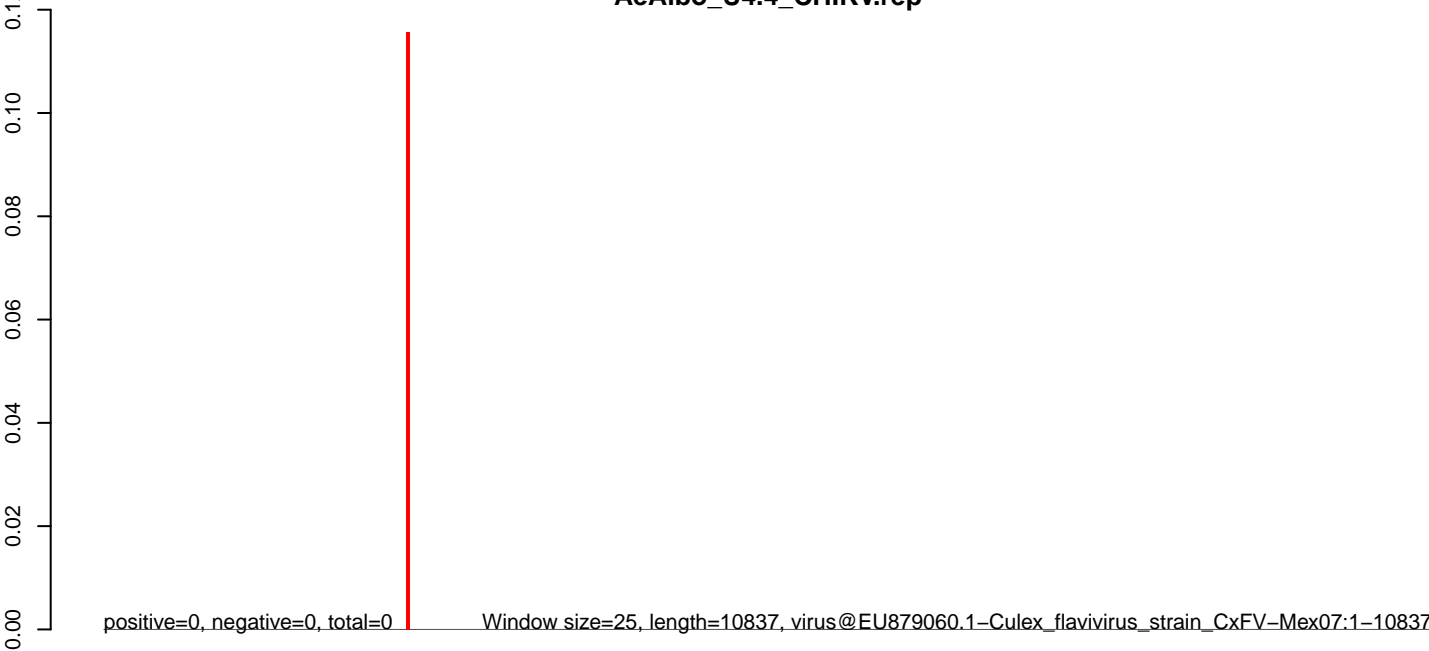
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

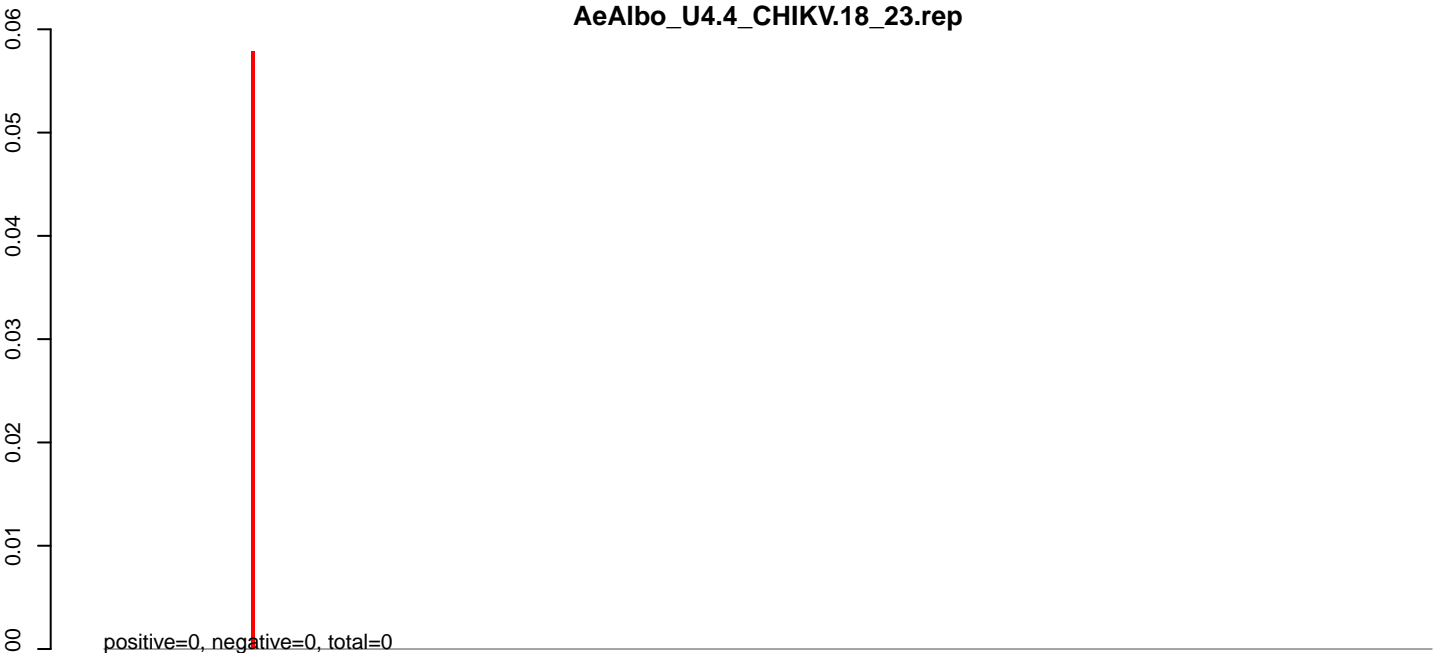


**AeAlbo\_U4.4\_CHIKV.rep**

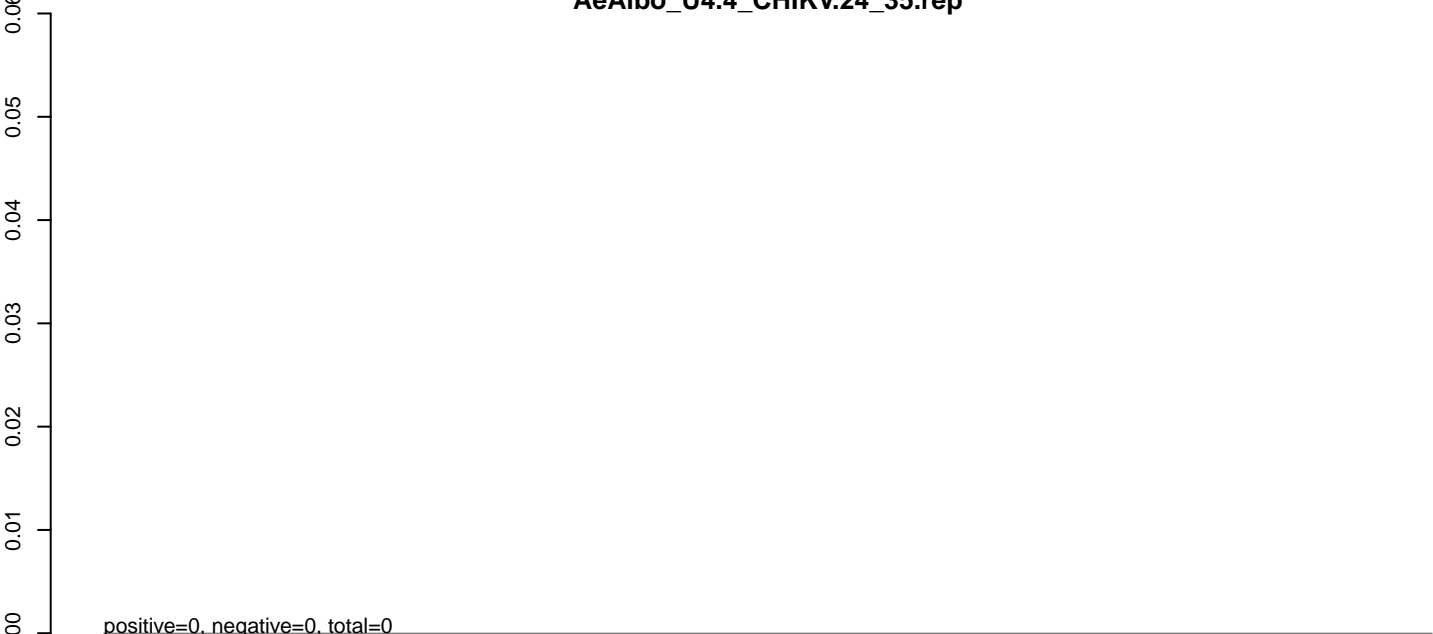


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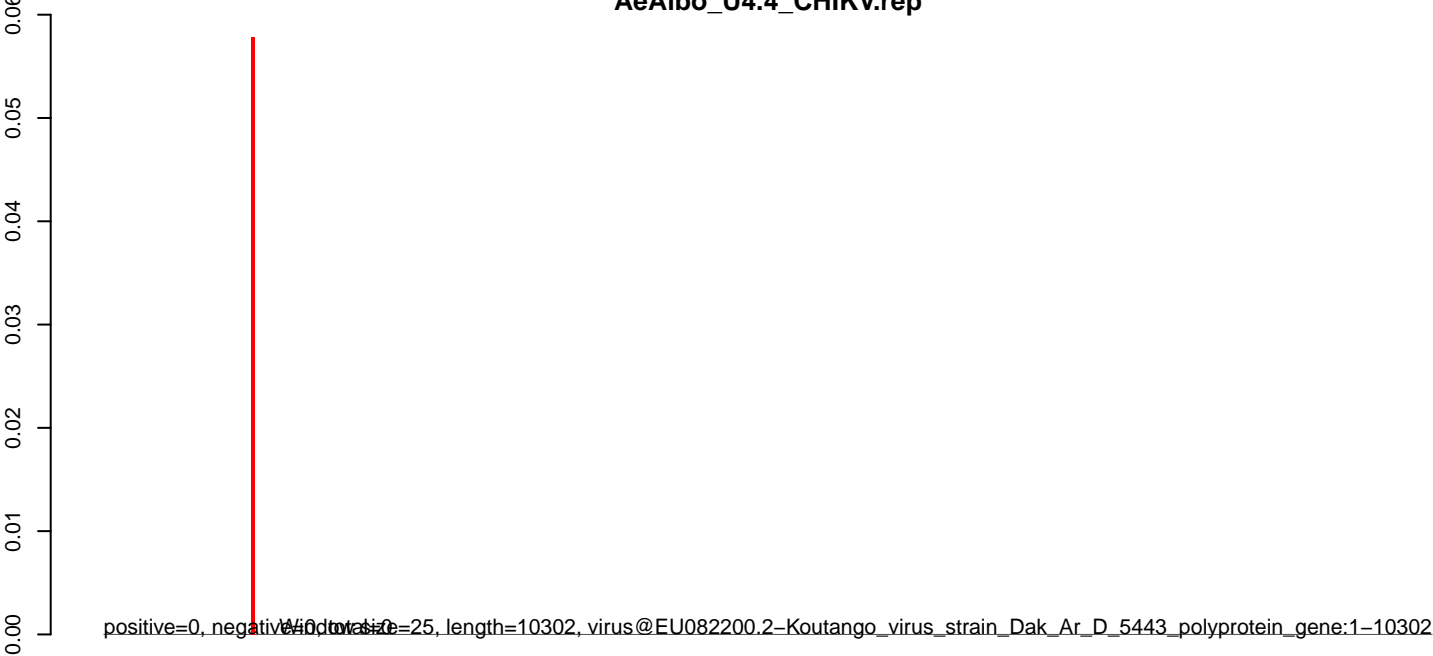
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

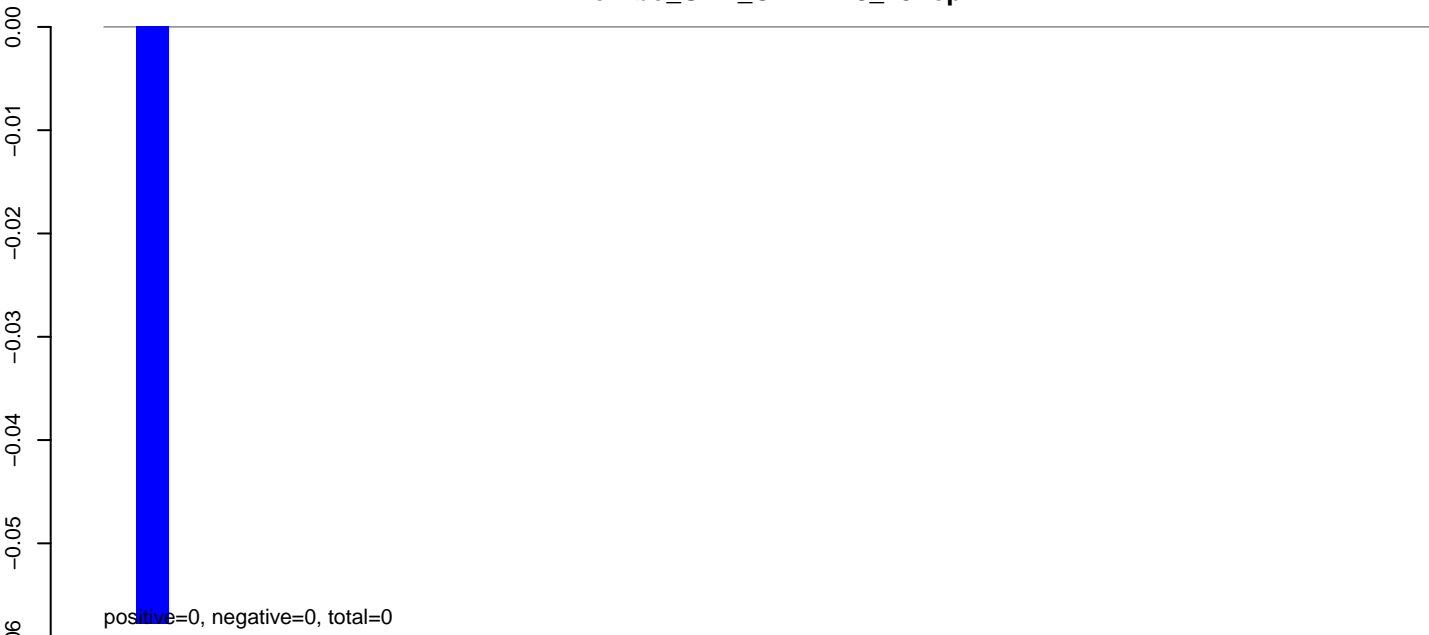


**AeAlbo\_U4.4\_CHIKV.rep**

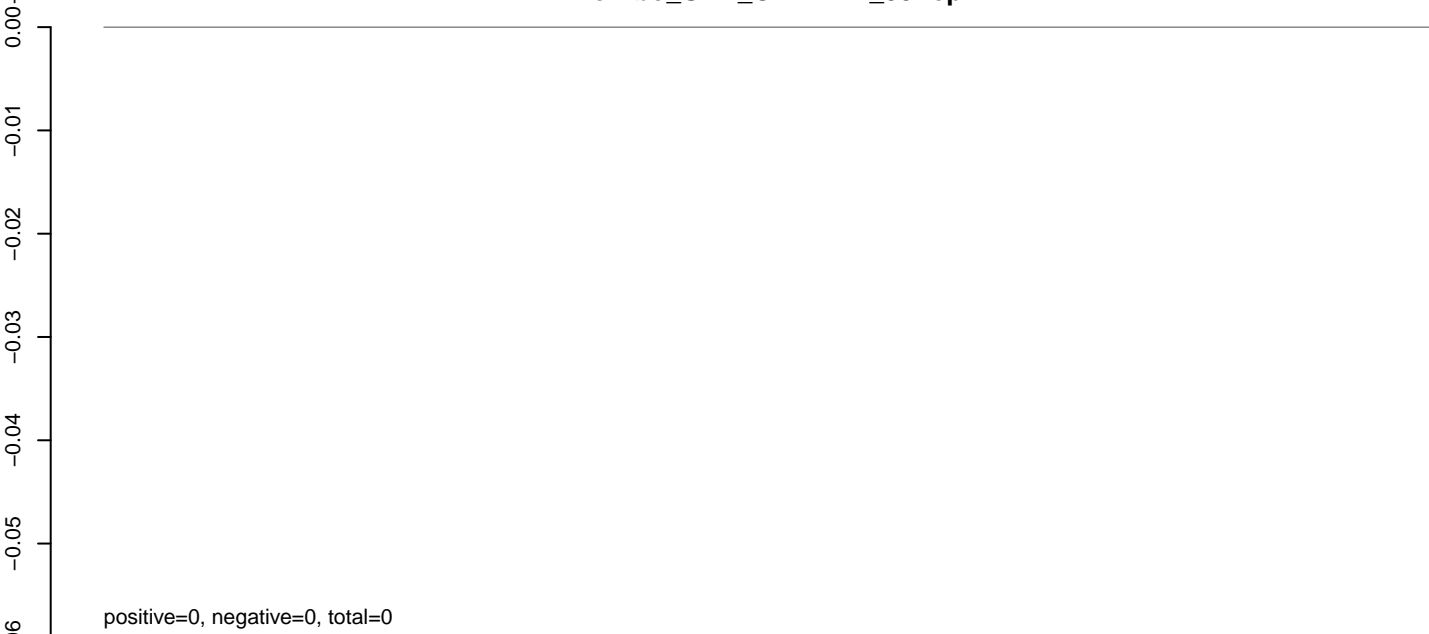


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**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

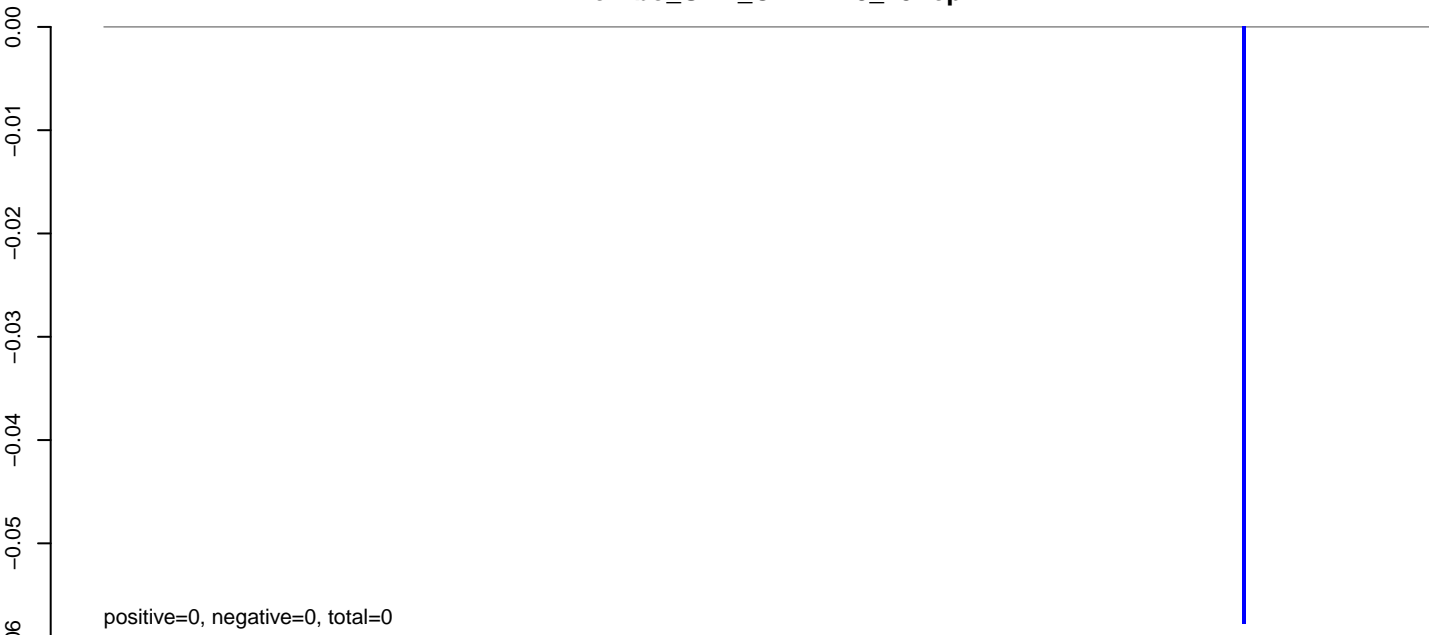


**AeAlbo\_U4.4\_CHIKV.rep**



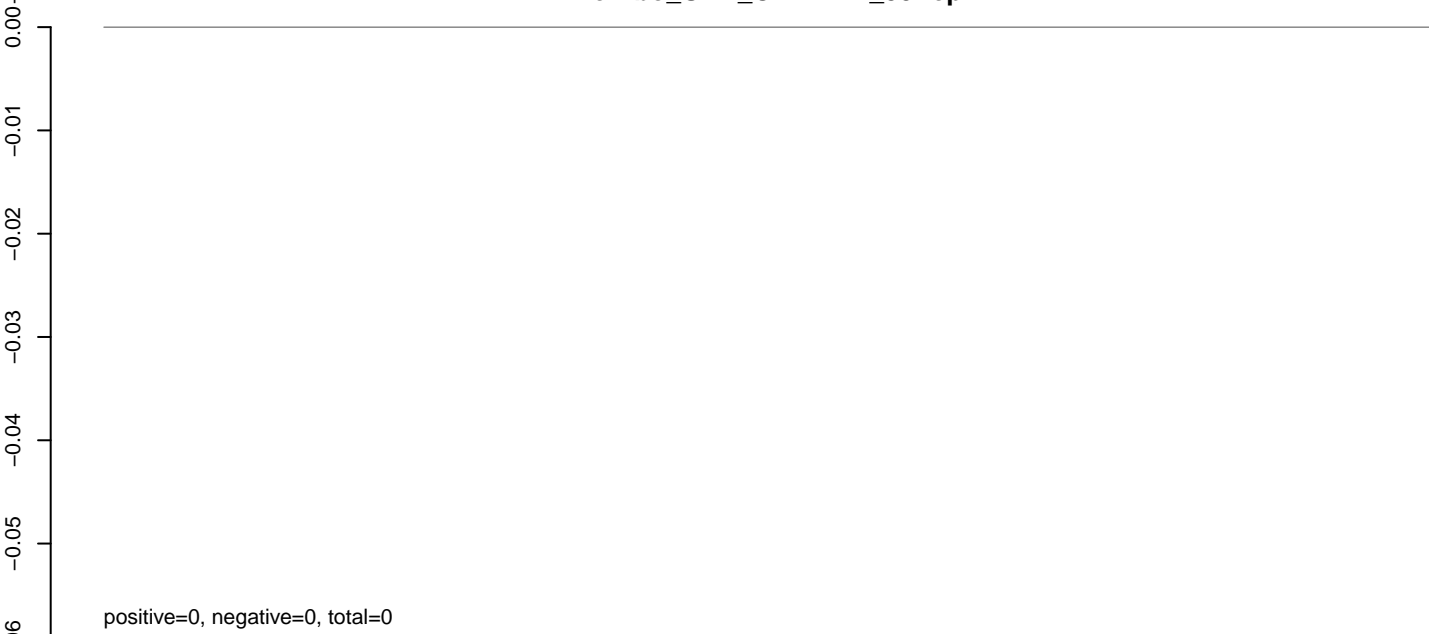
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**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



positive=0, negative=0, total=0

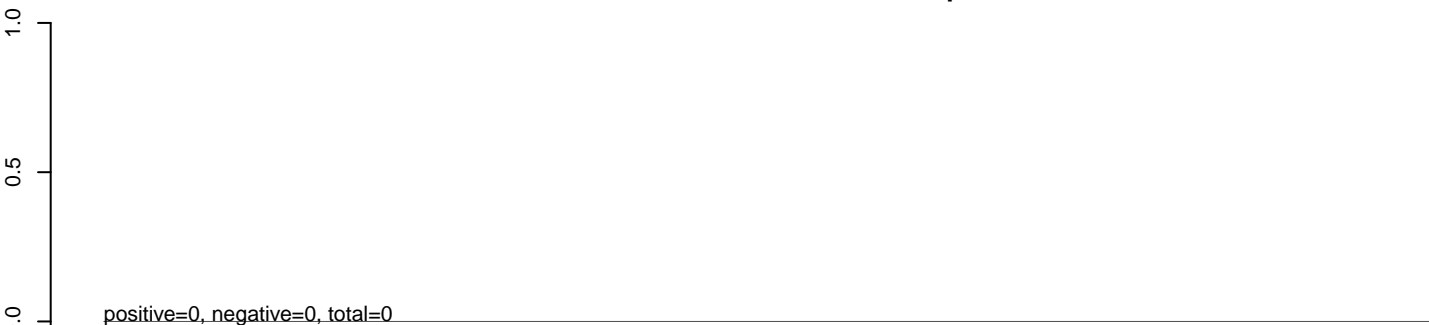
**AeAlbo\_U4.4\_CHIKV.rep**



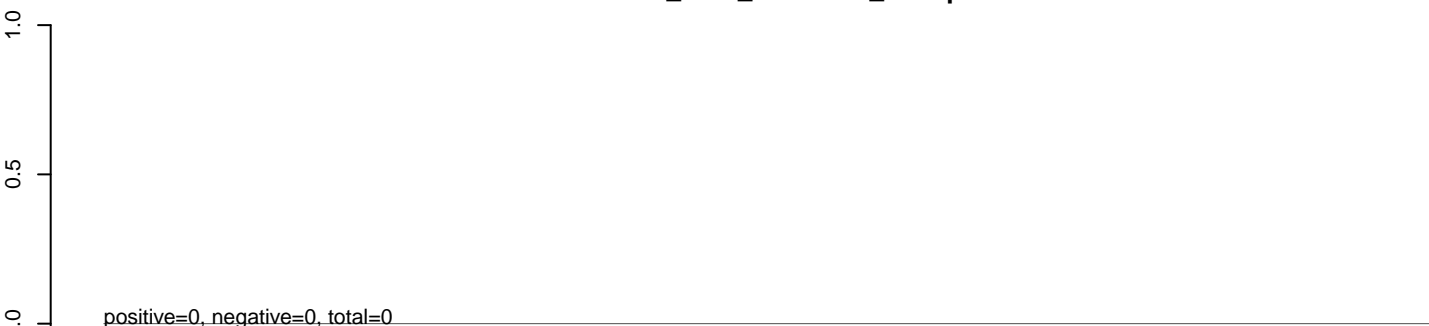
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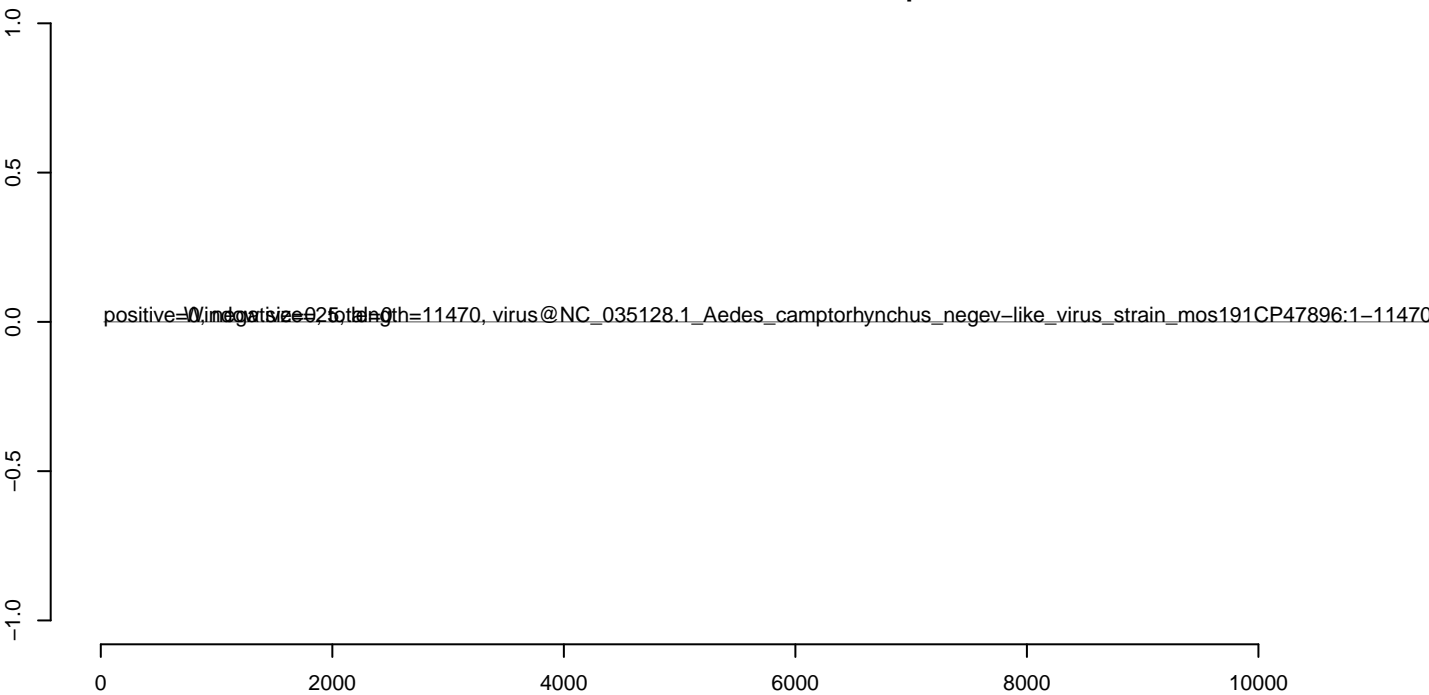
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



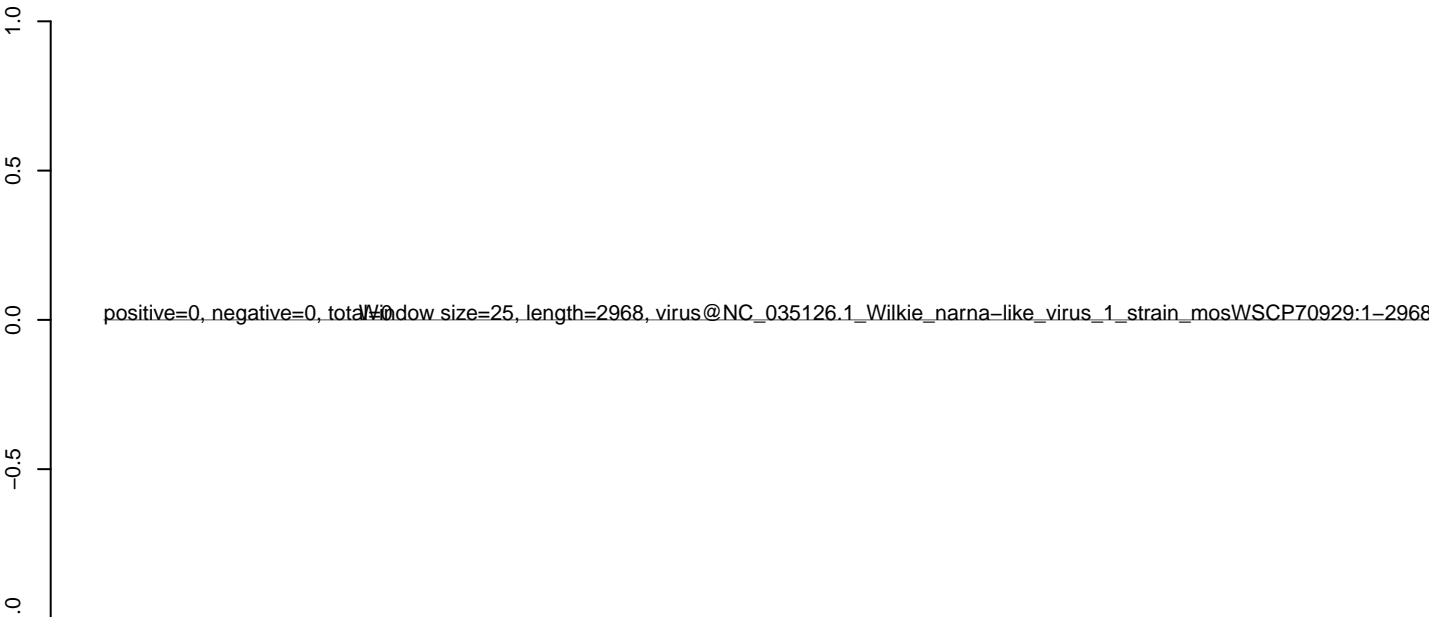
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



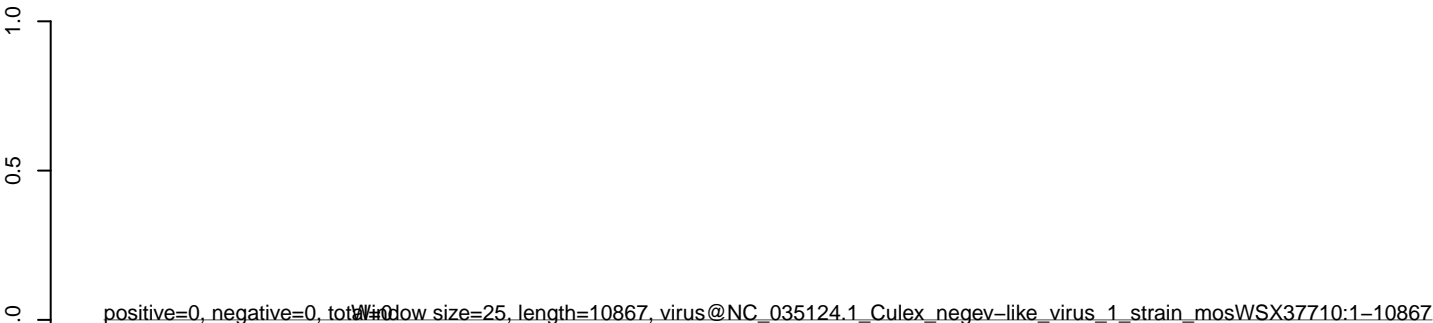
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



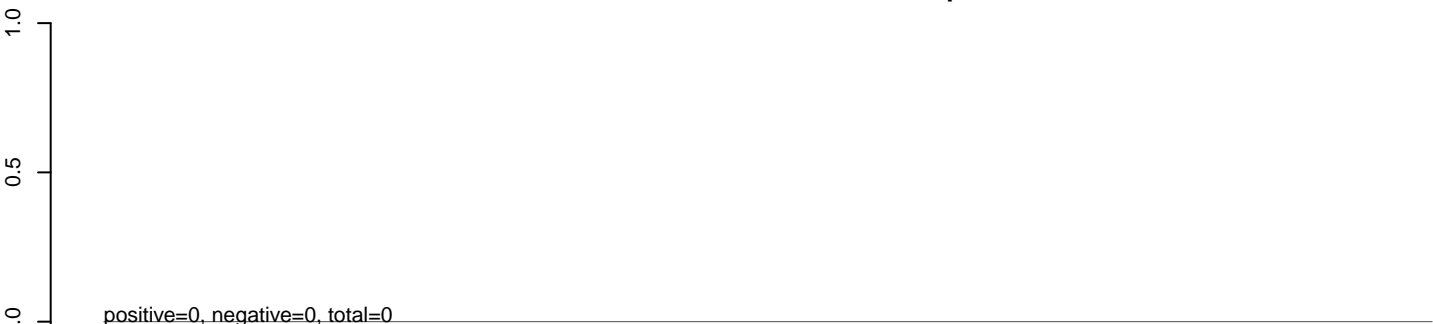
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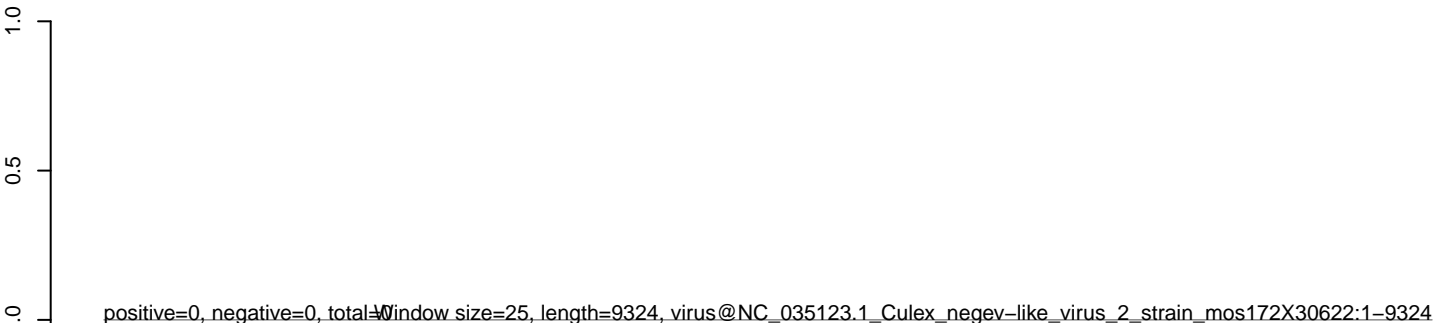
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**





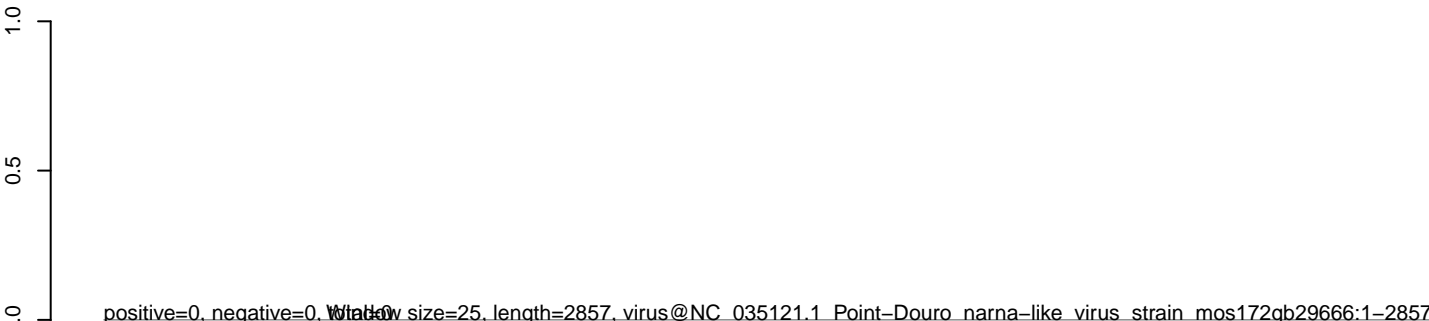
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



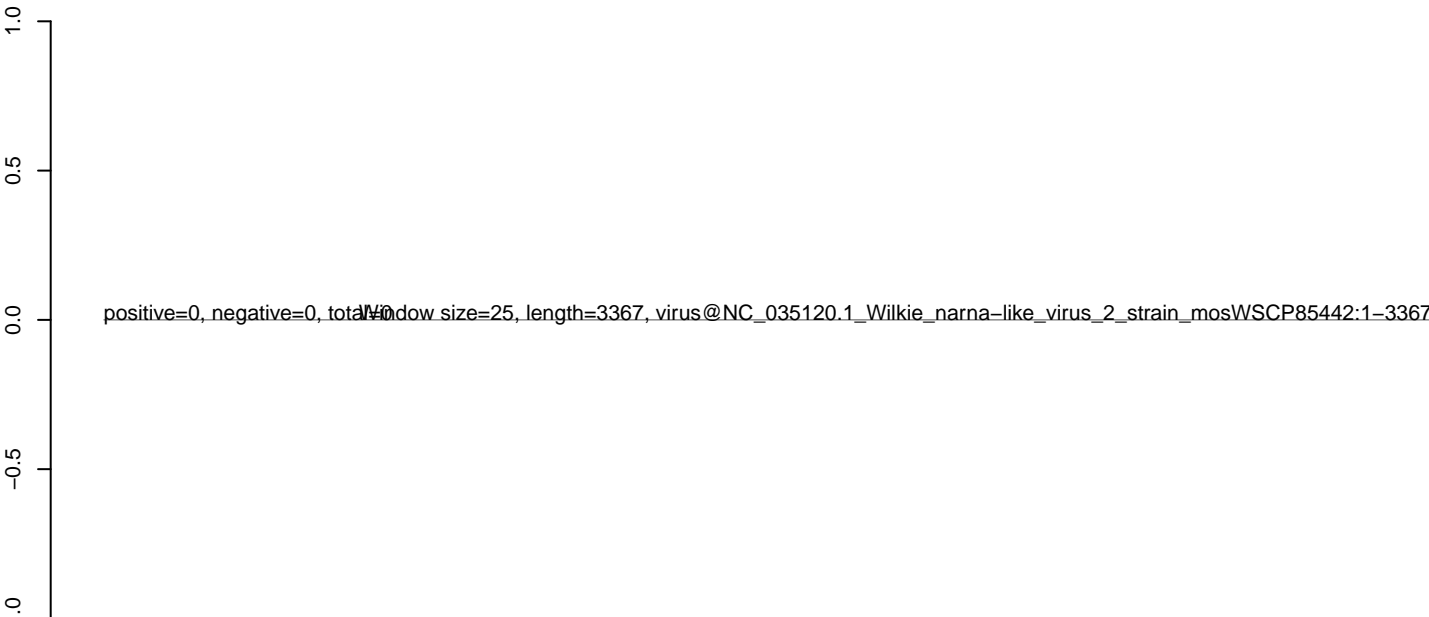
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



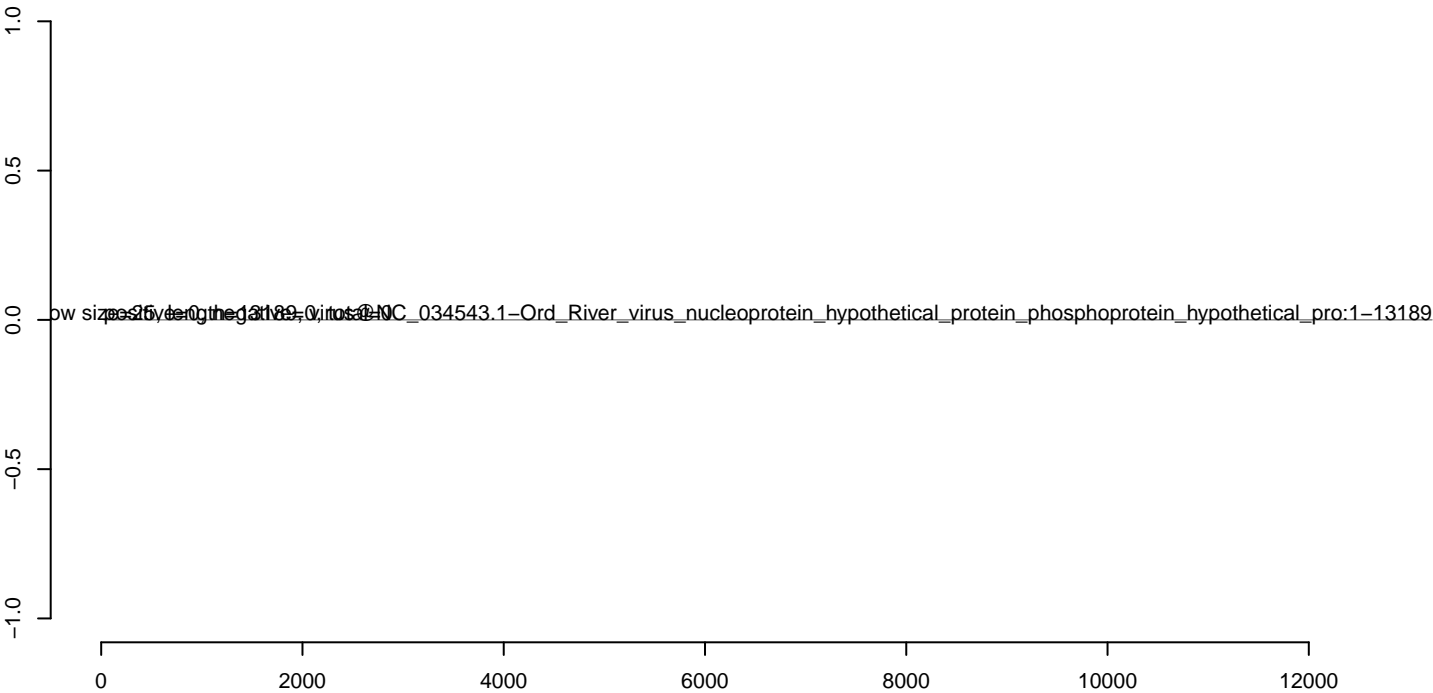
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

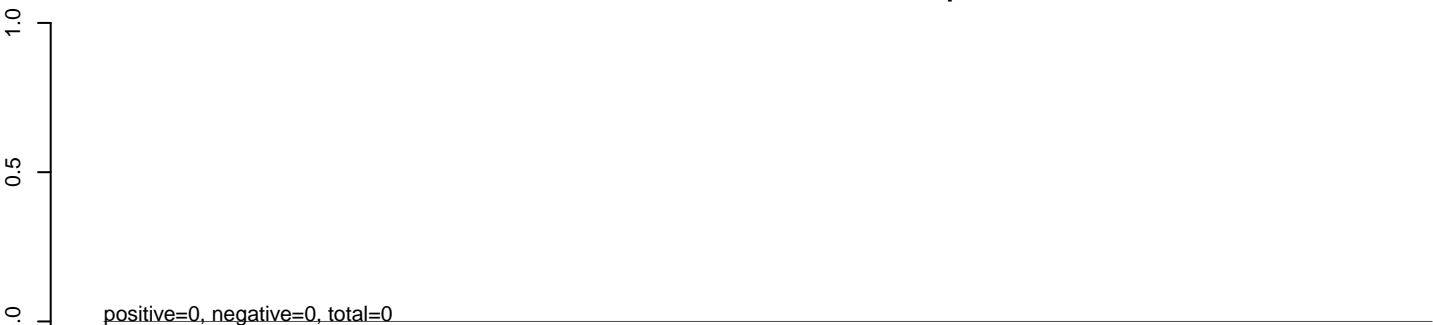


**AeAlbo\_U4.4\_CHIKV.rep**

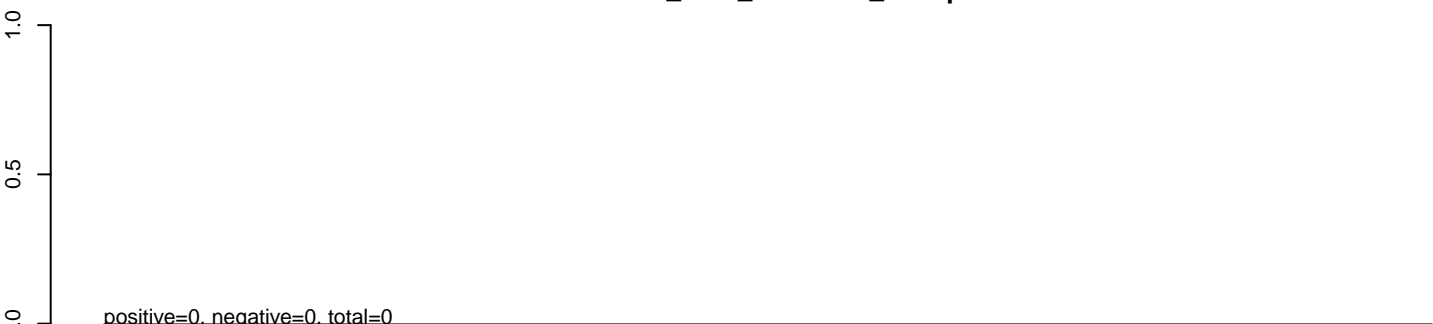




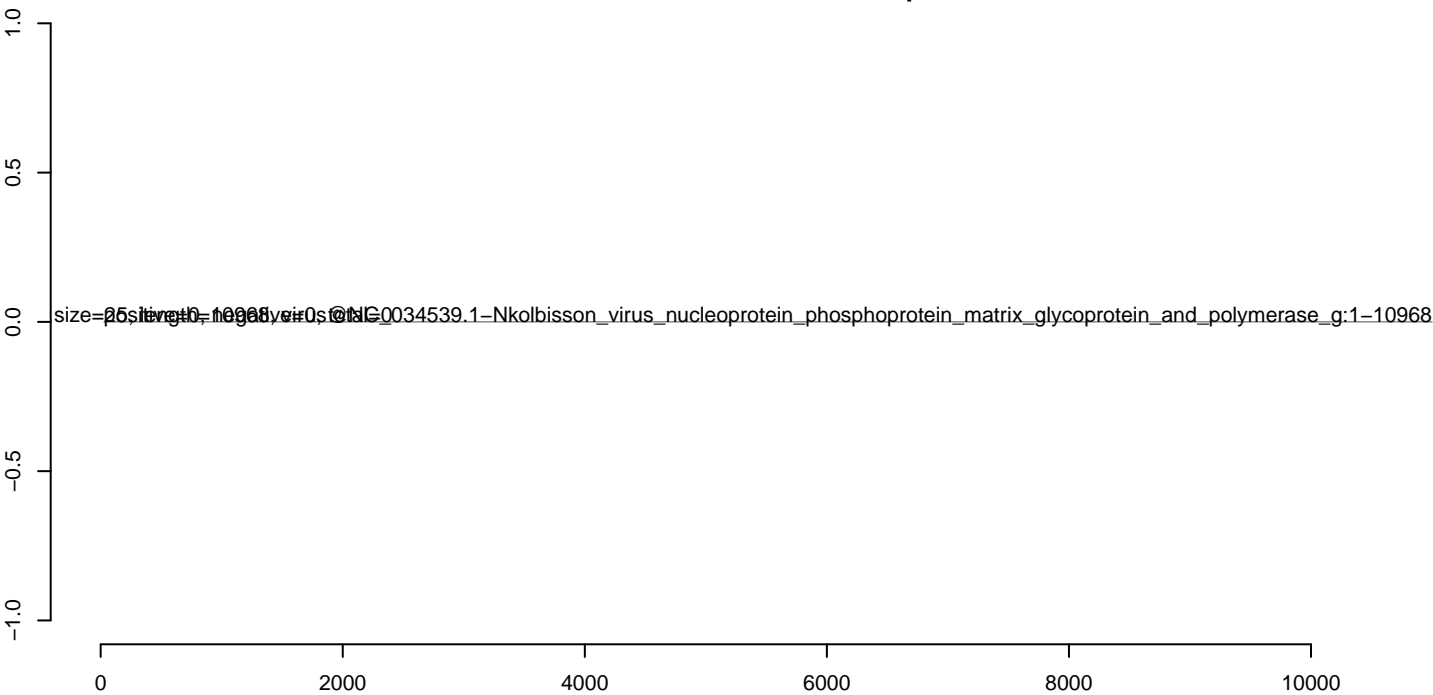
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



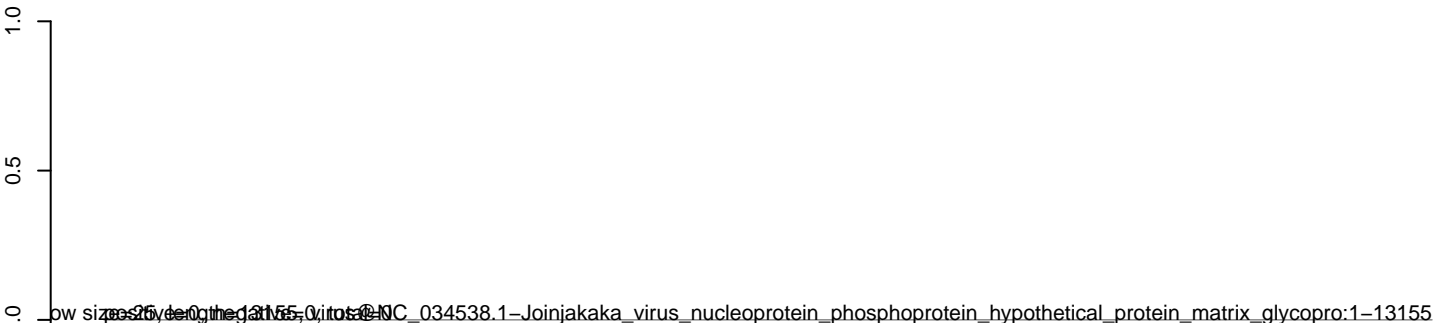
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**

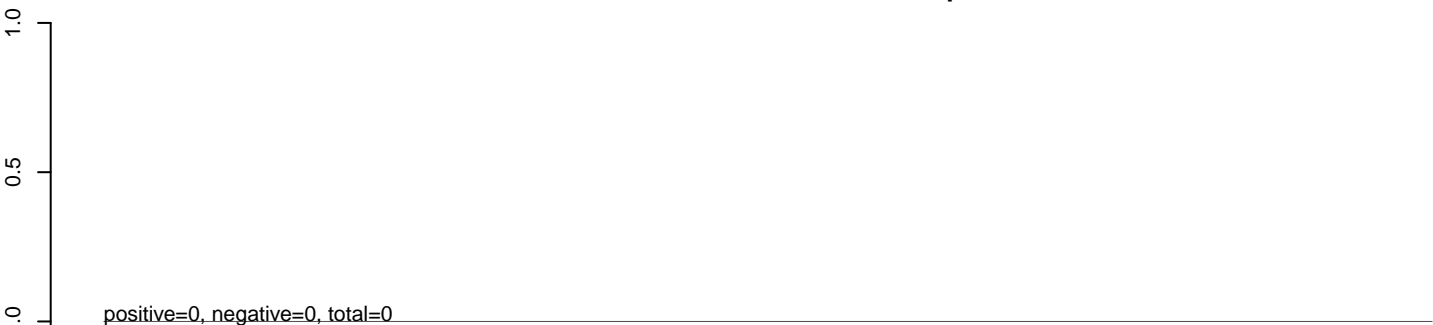


**AeAlbo\_U4.4\_CHIKV.rep**

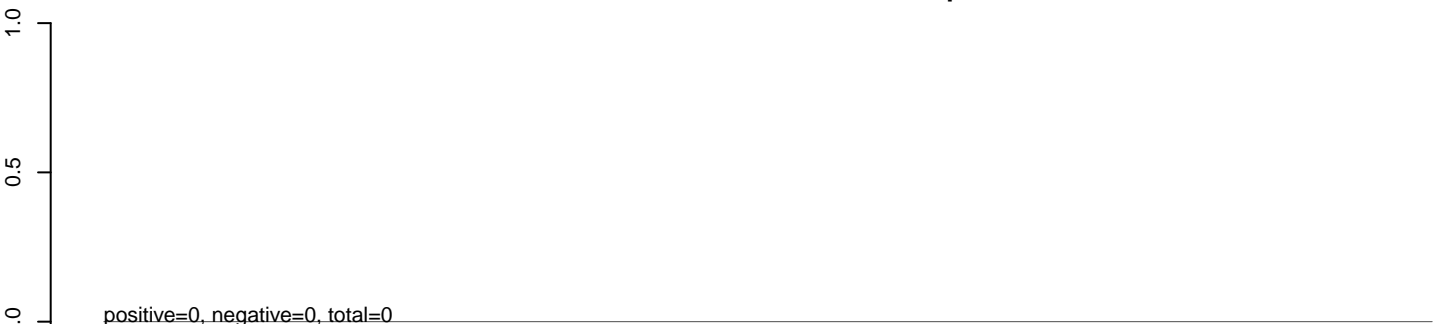


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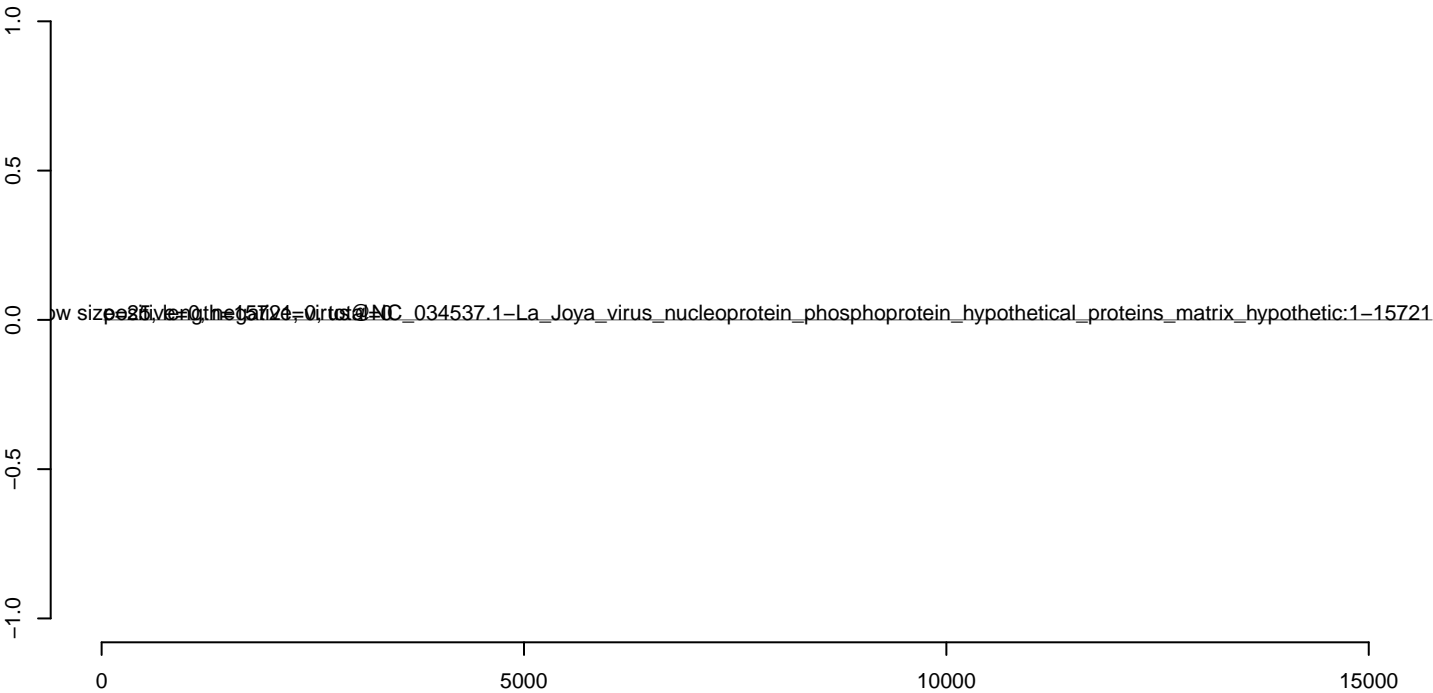
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



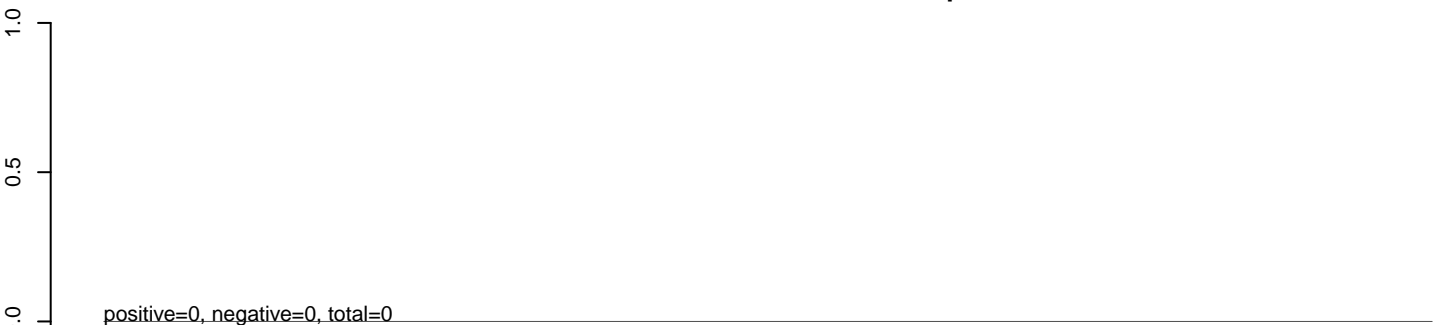
**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



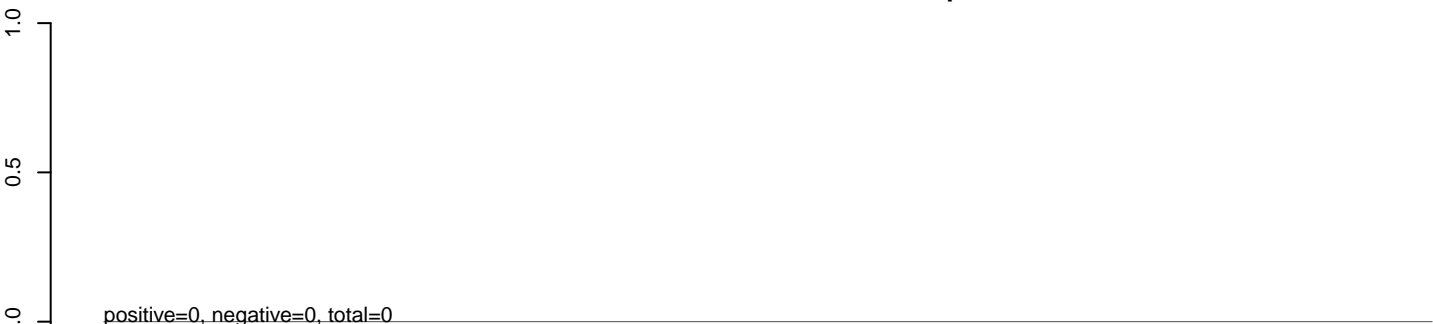
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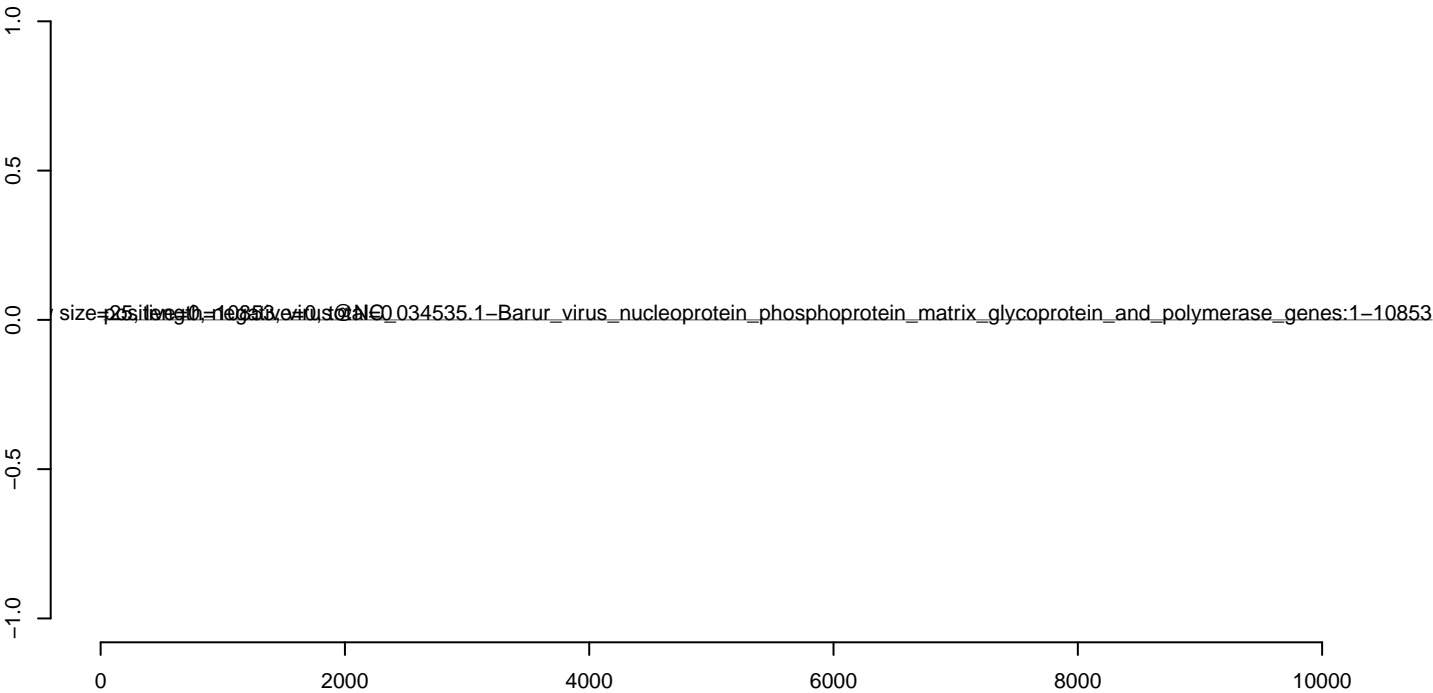
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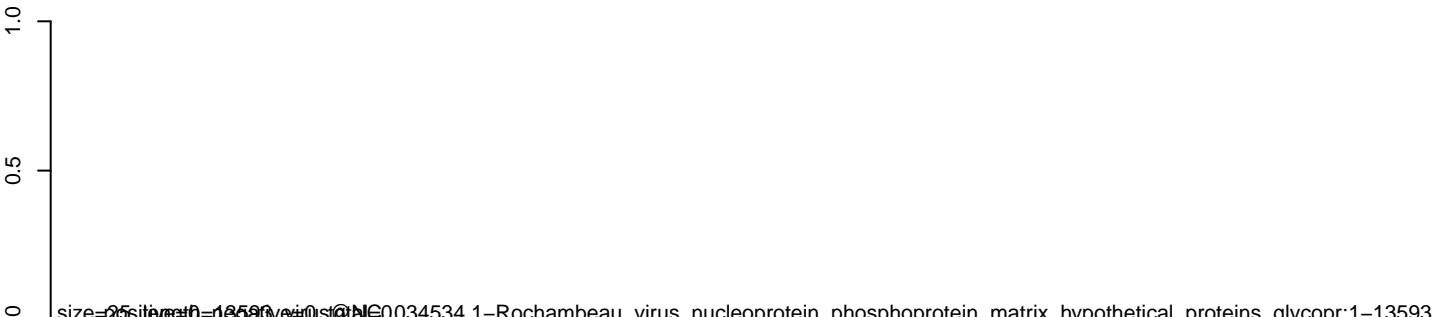
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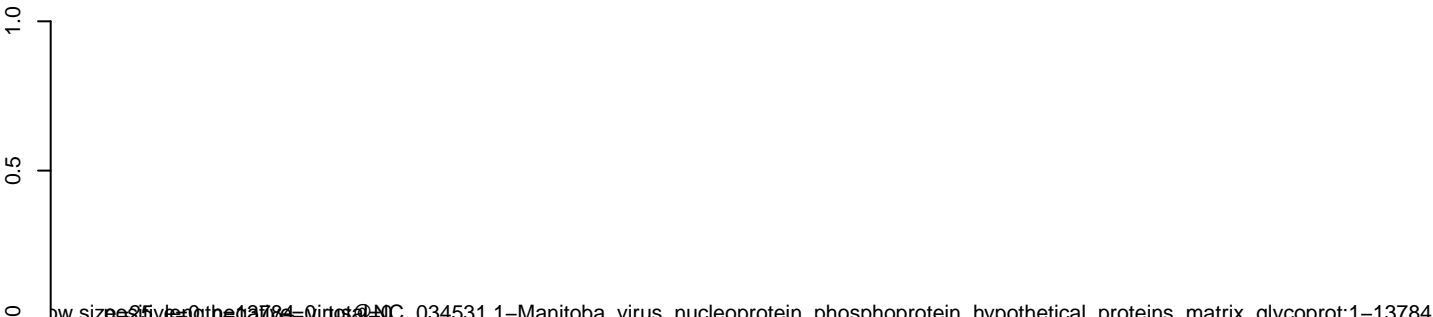
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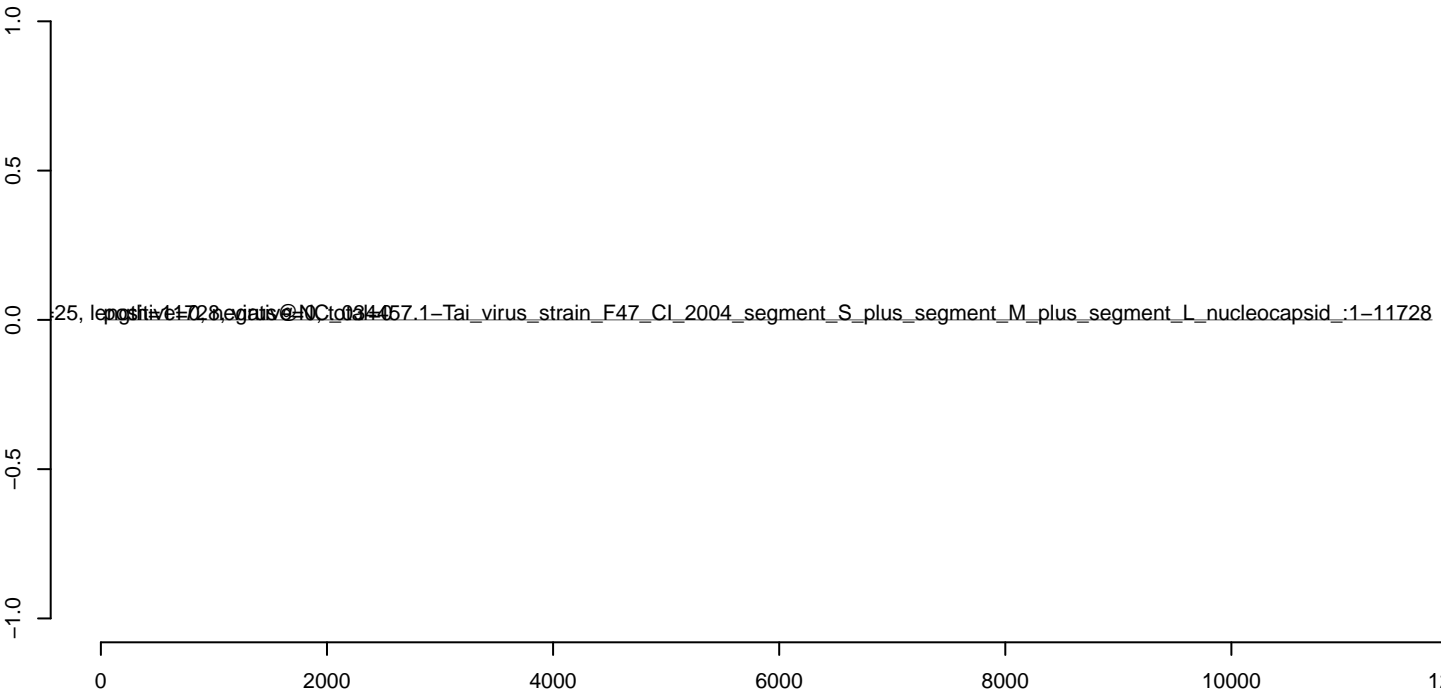
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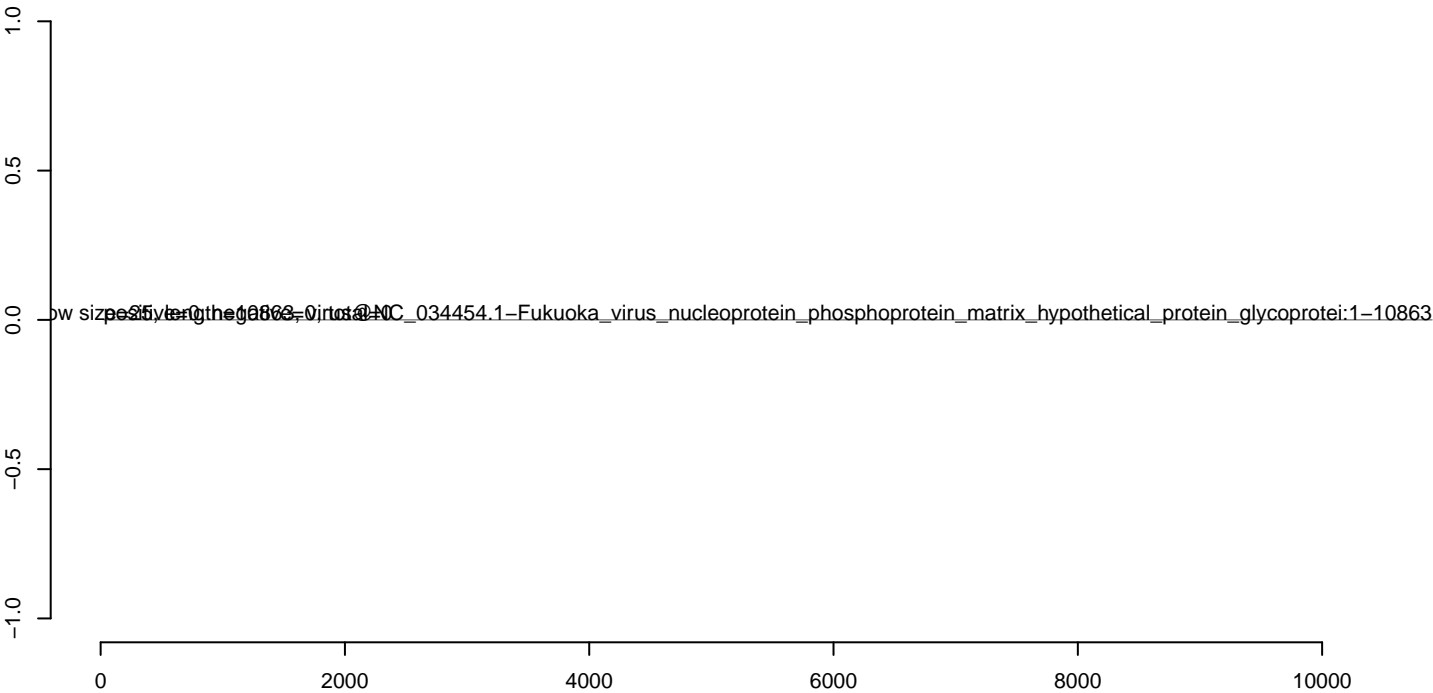
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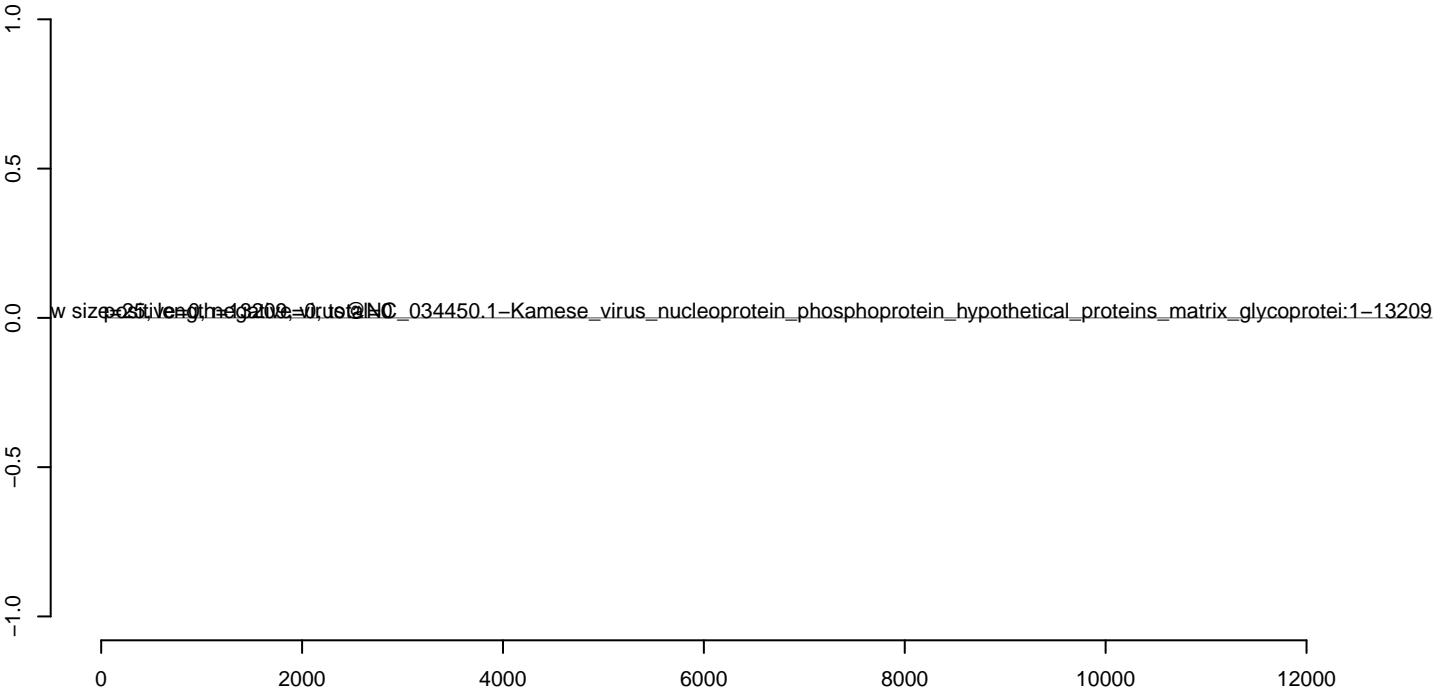
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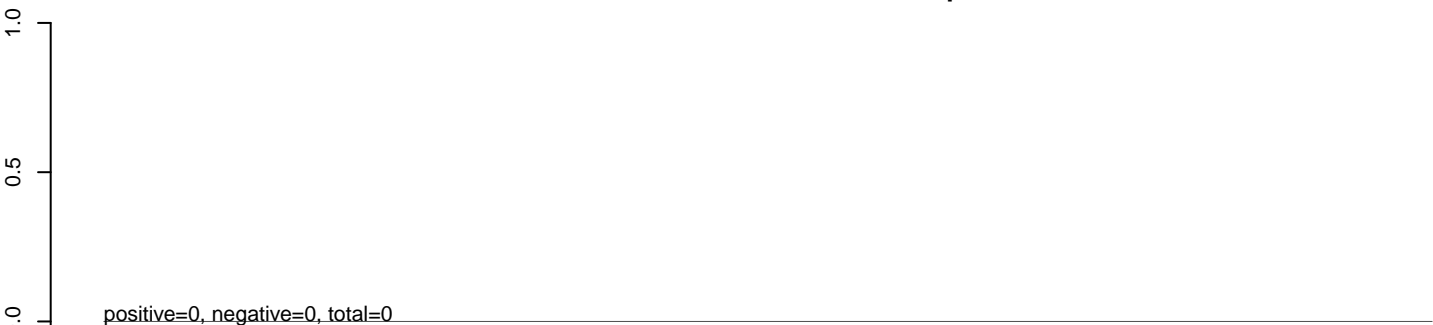
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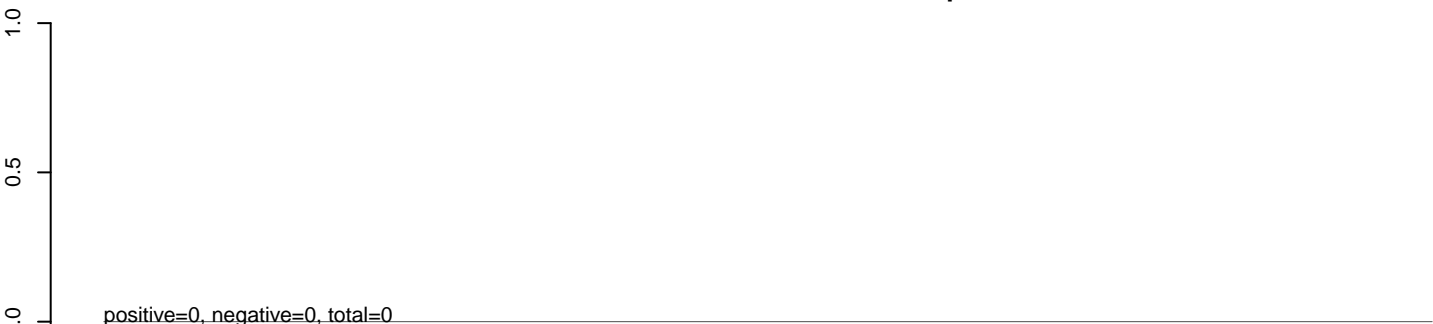
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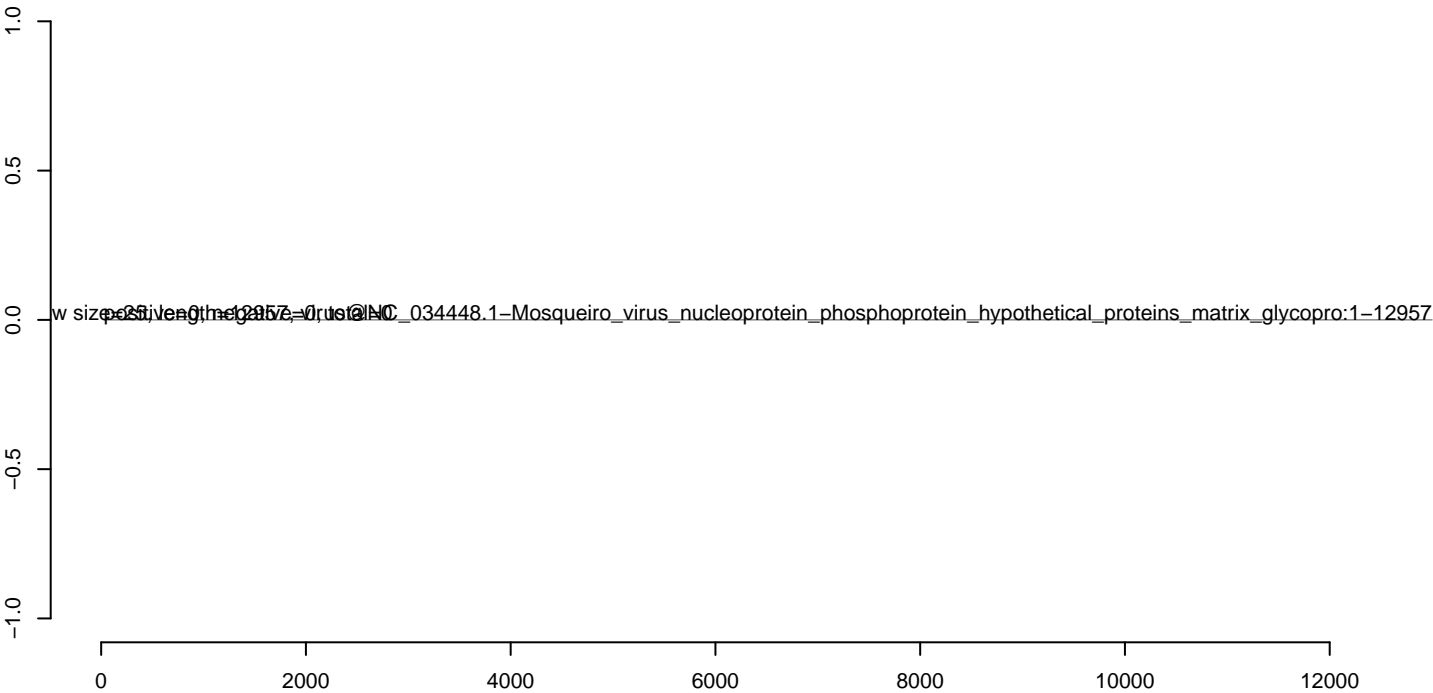
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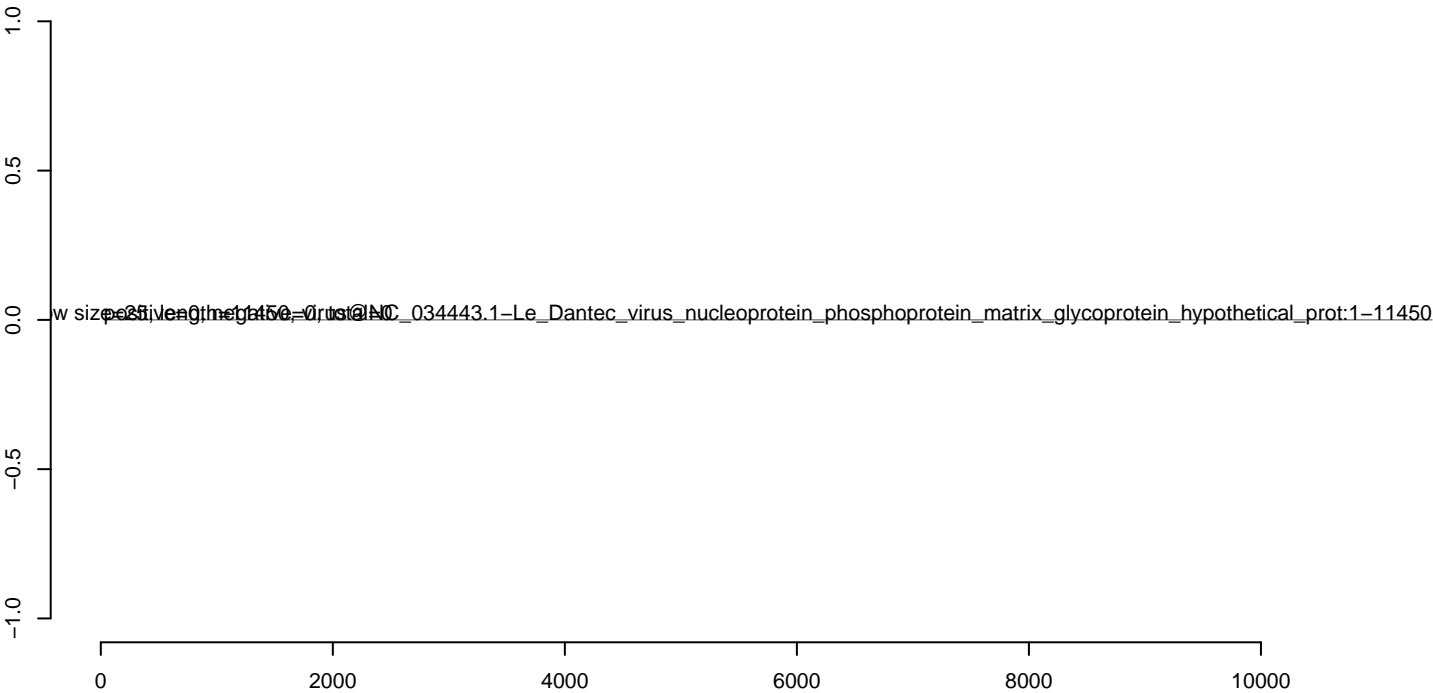
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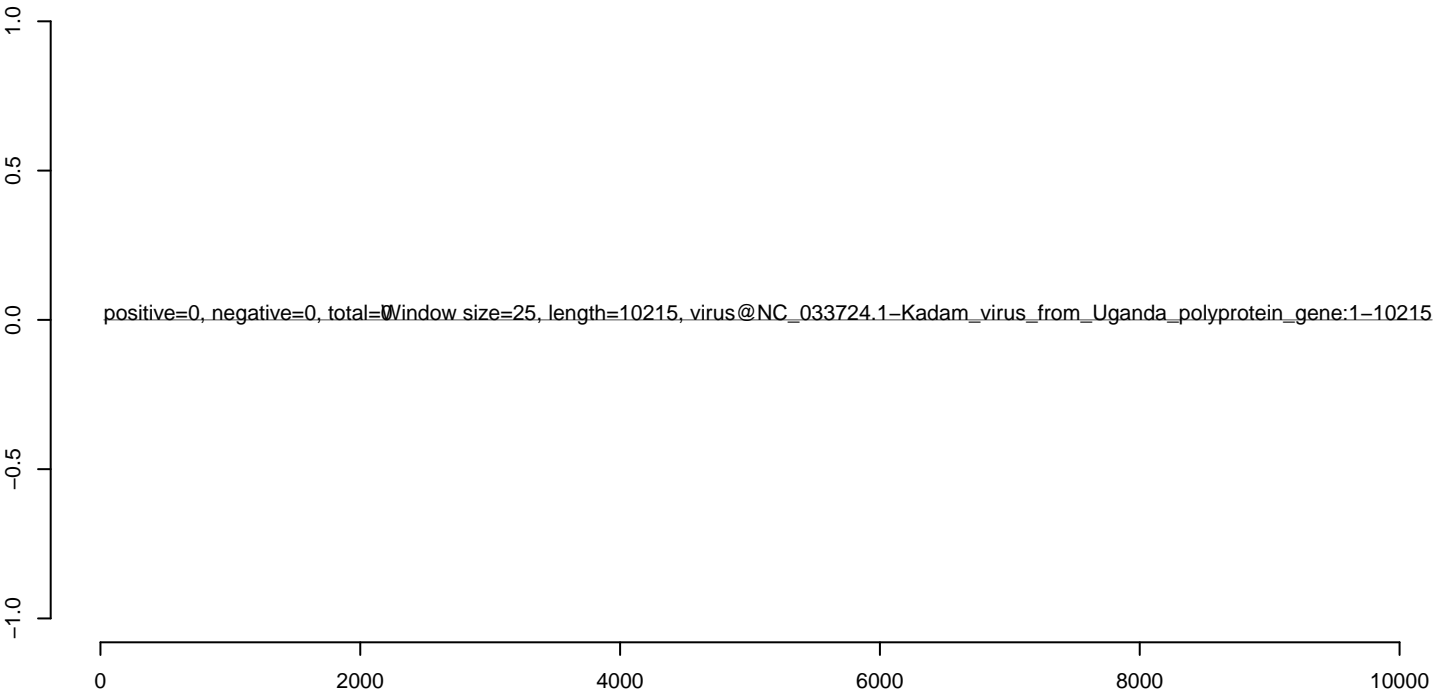
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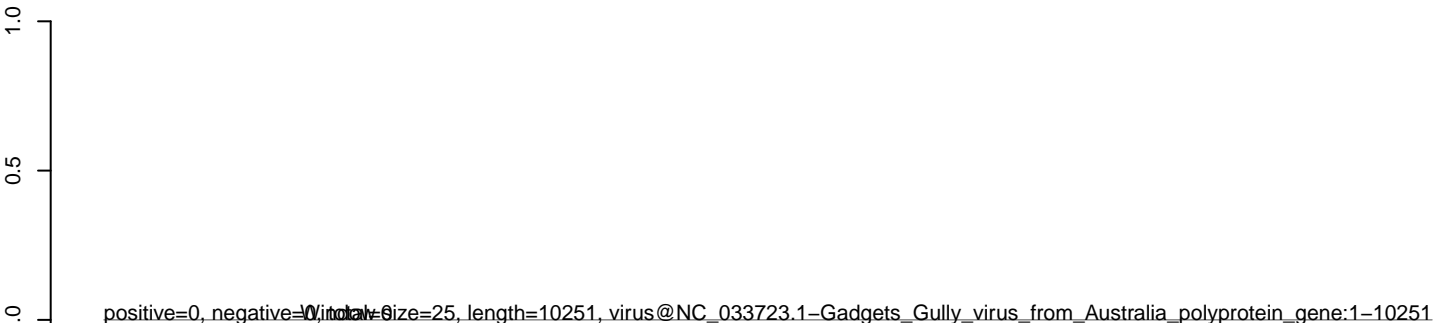
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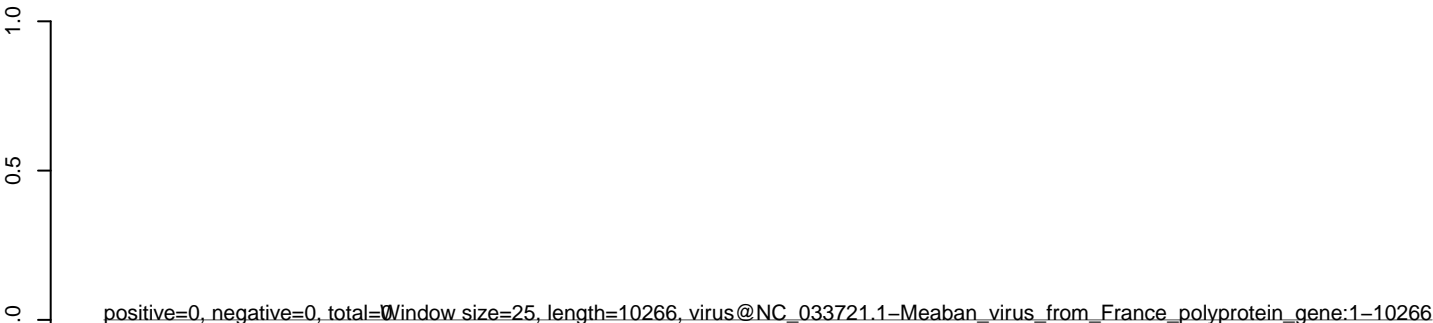
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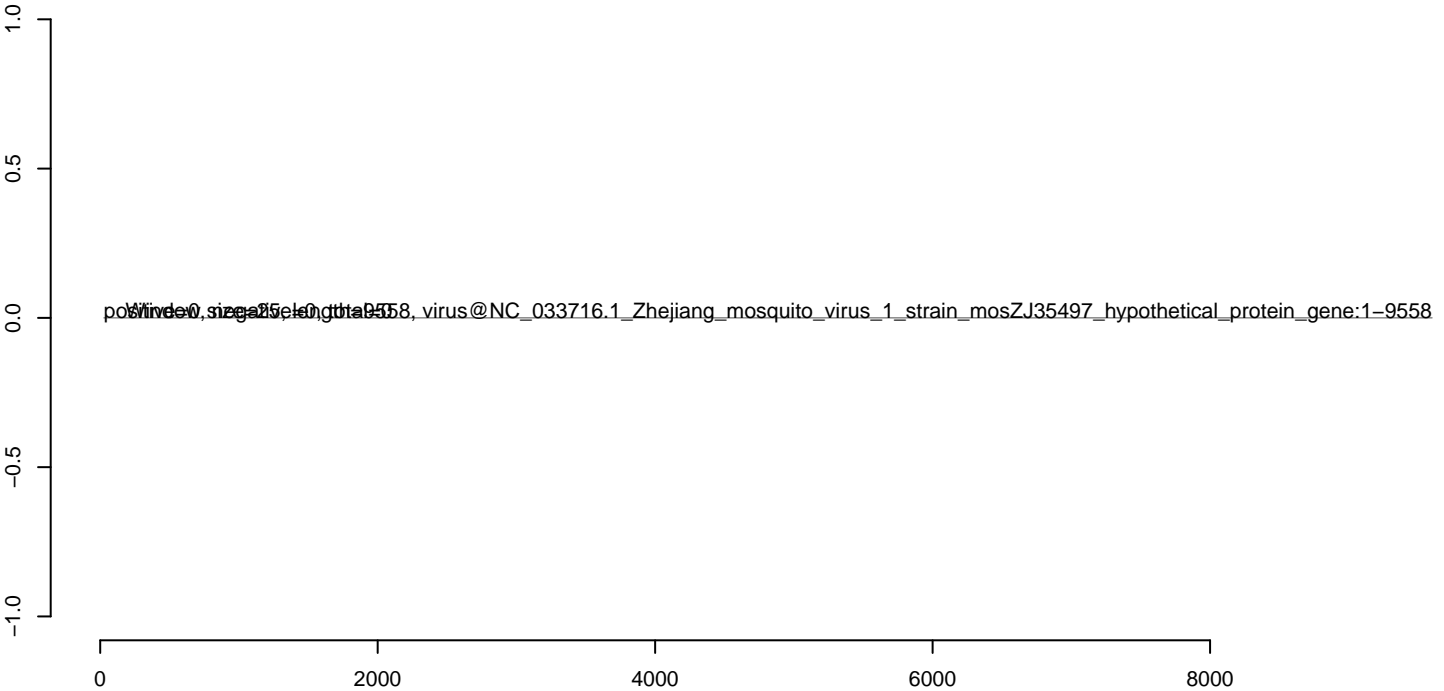
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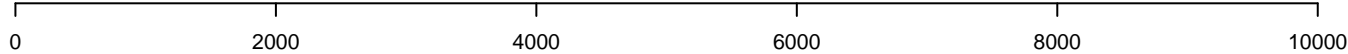
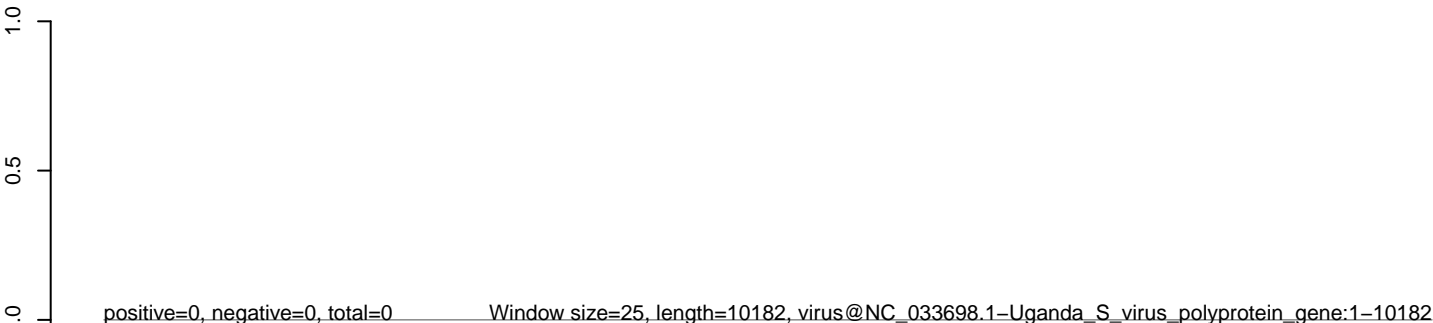
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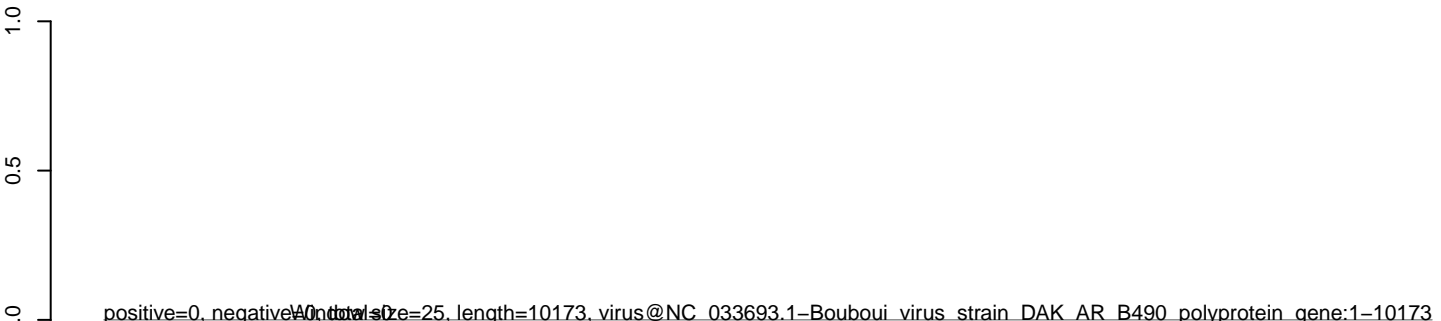
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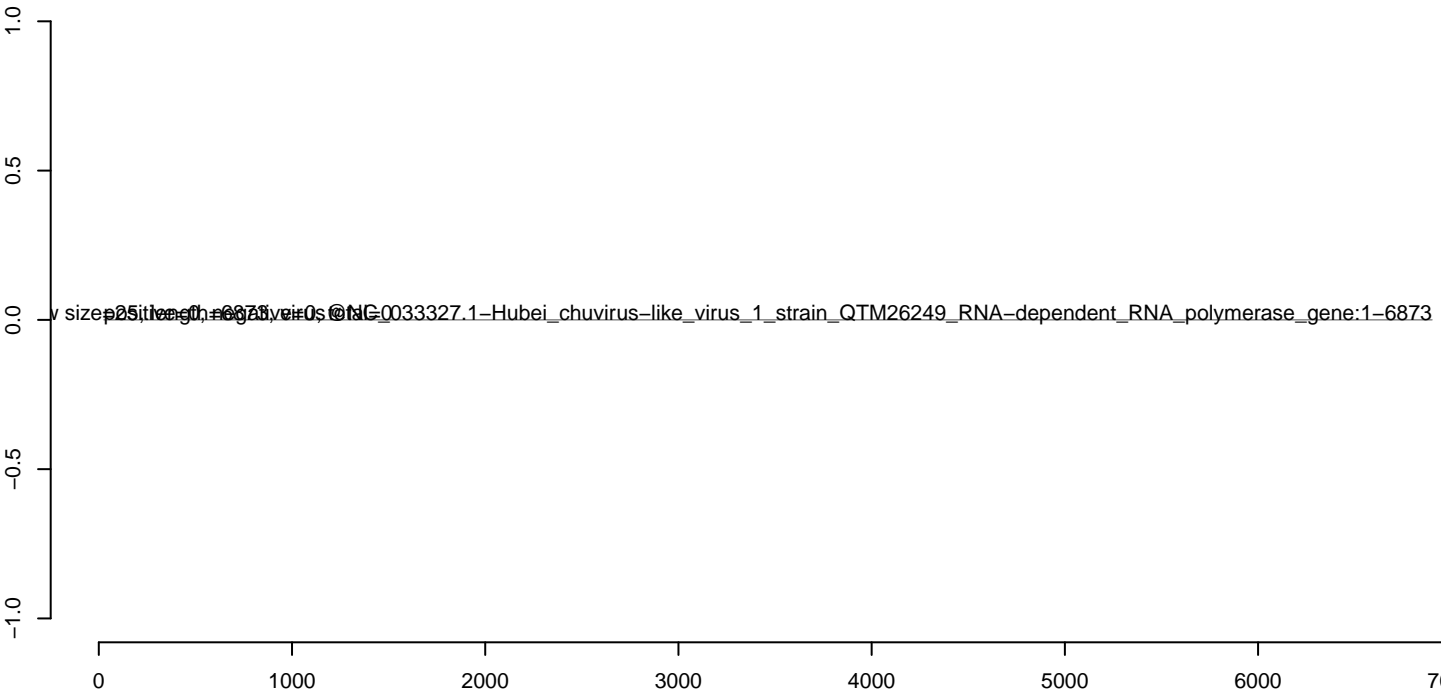
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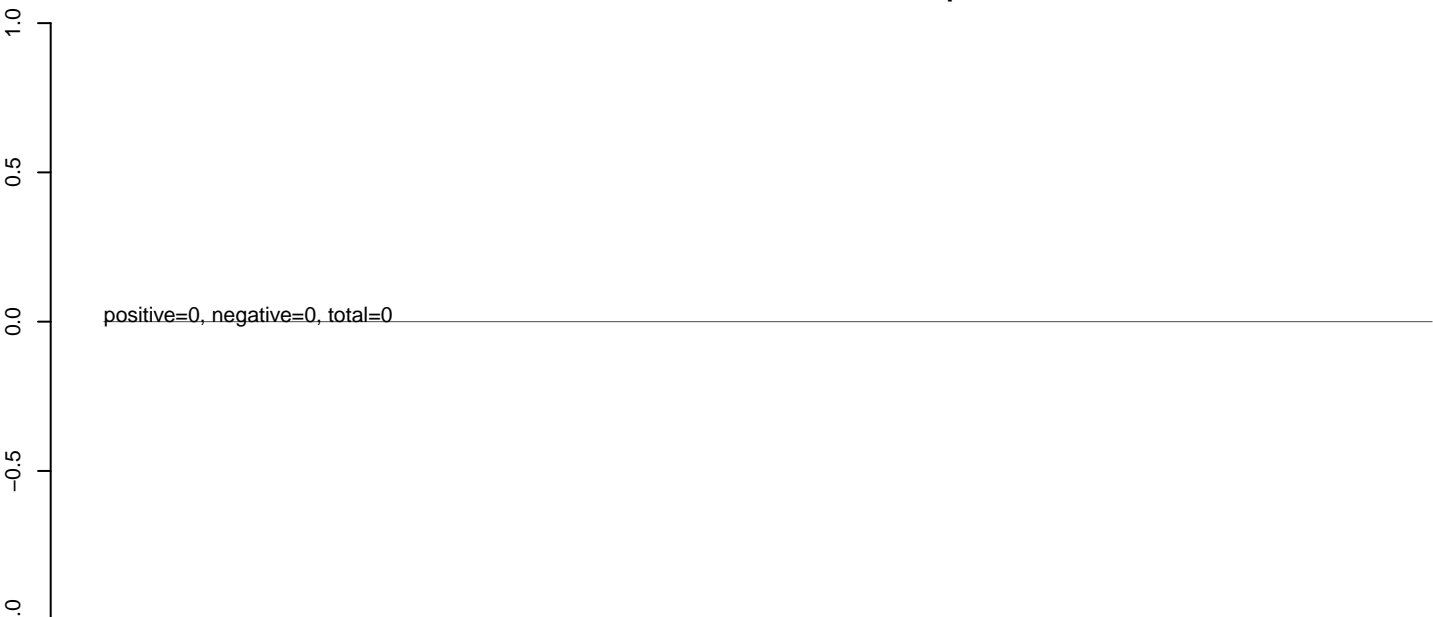
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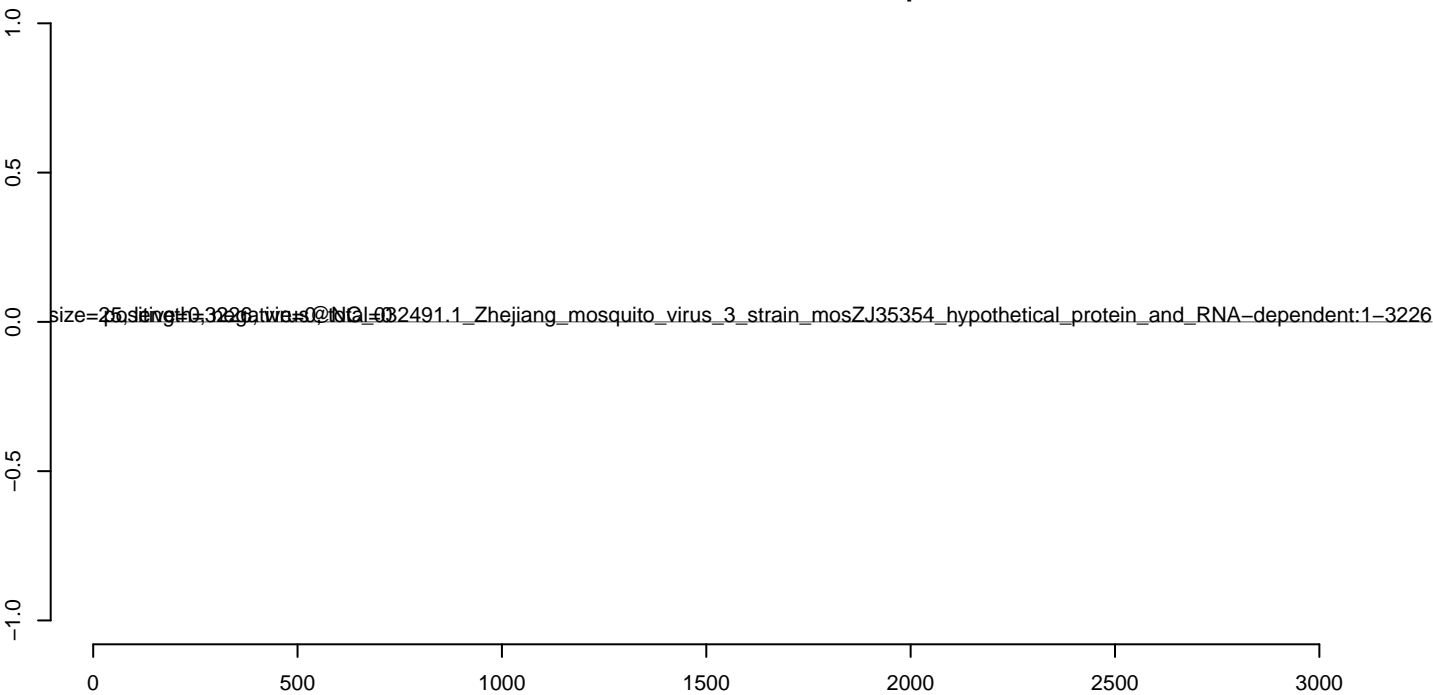
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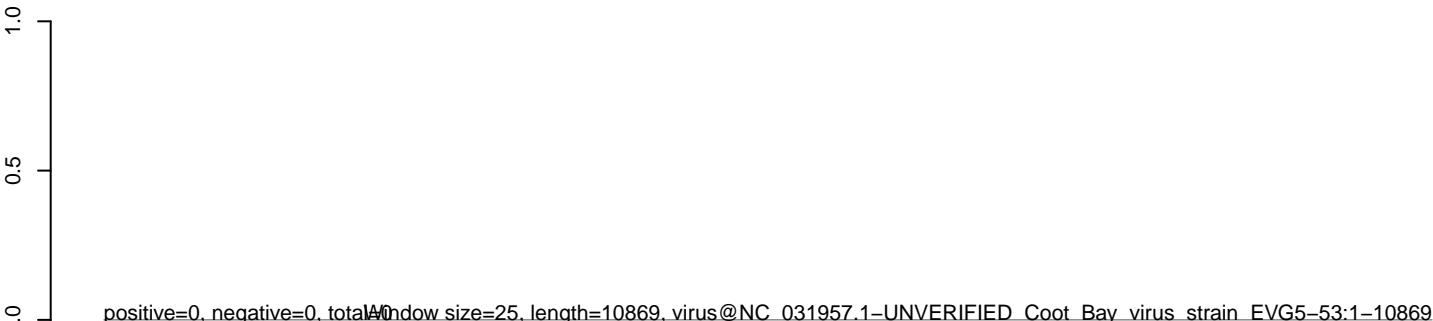
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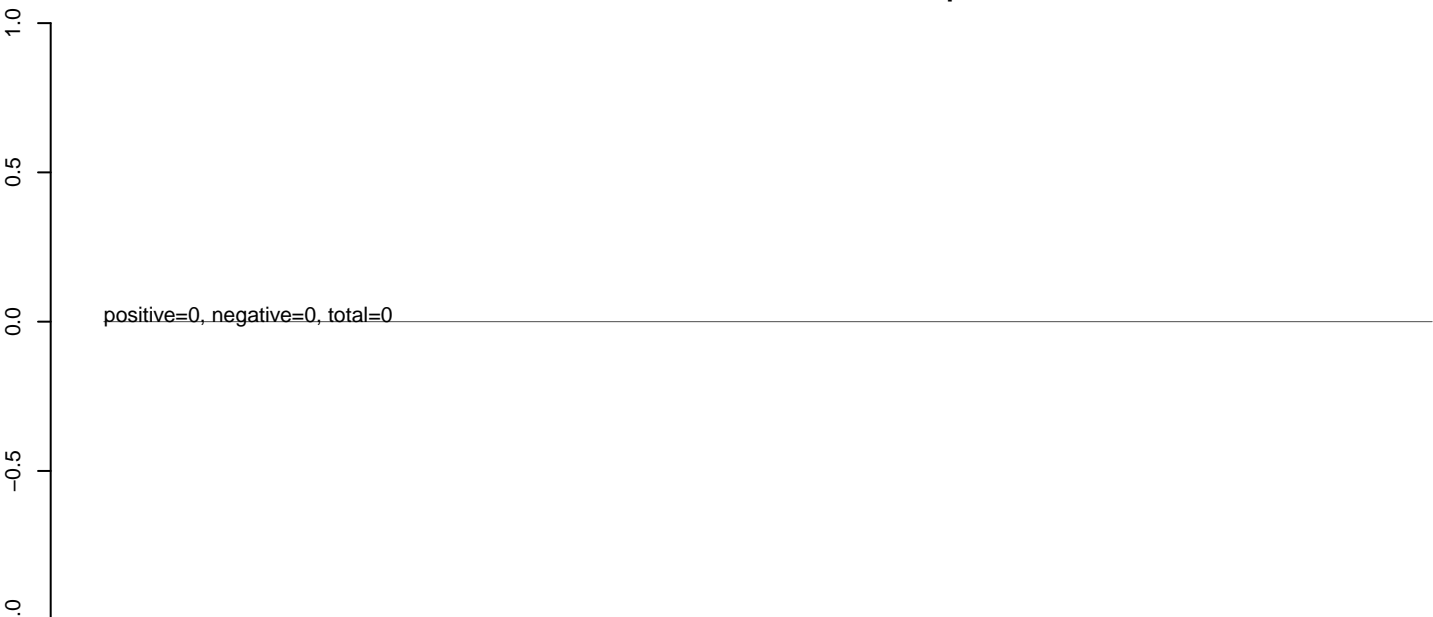




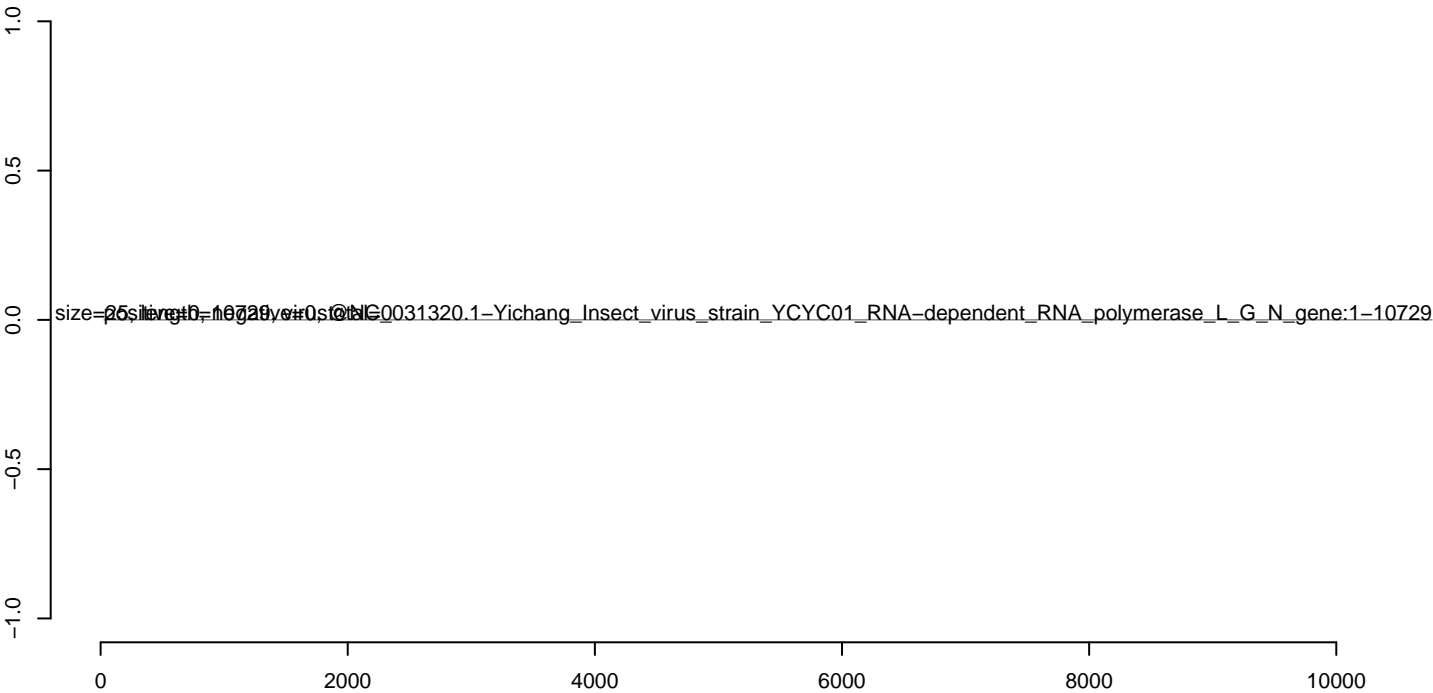
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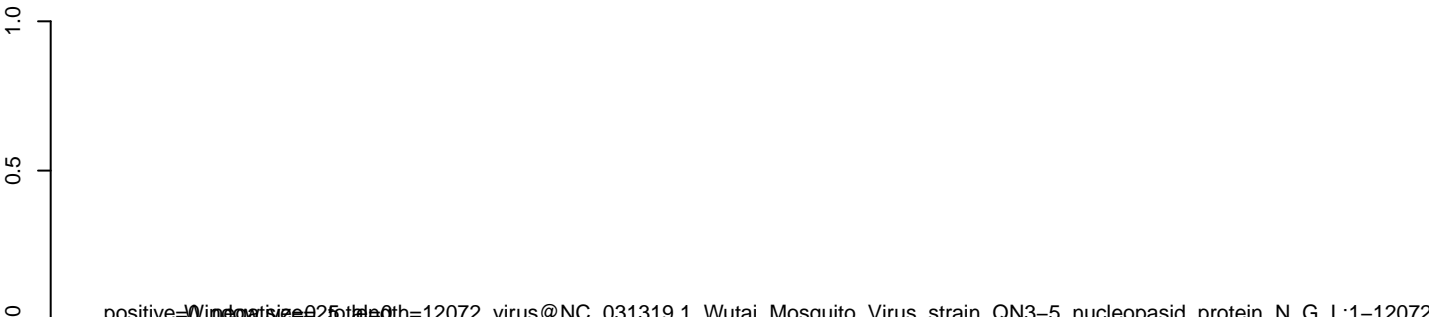
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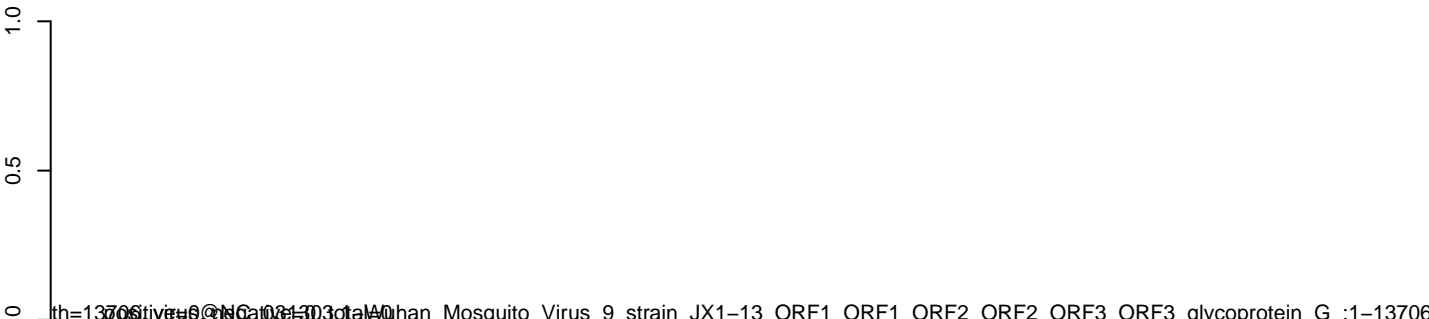
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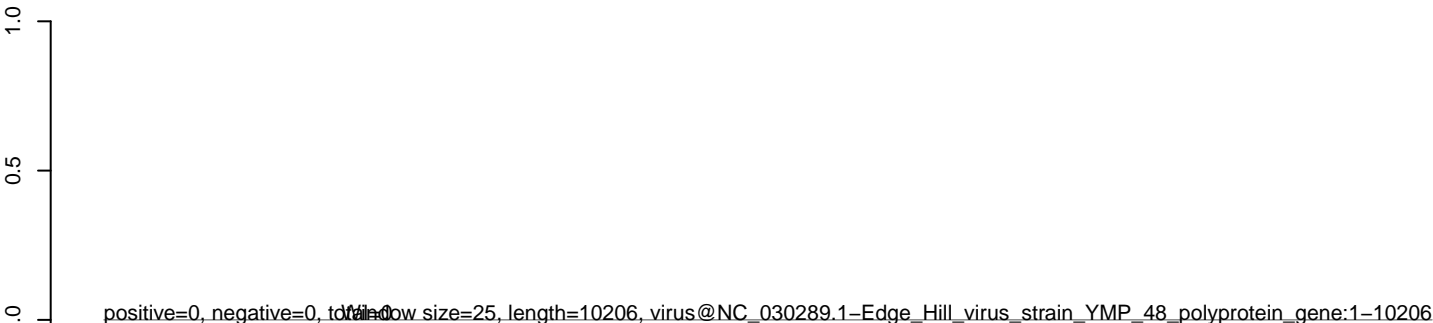
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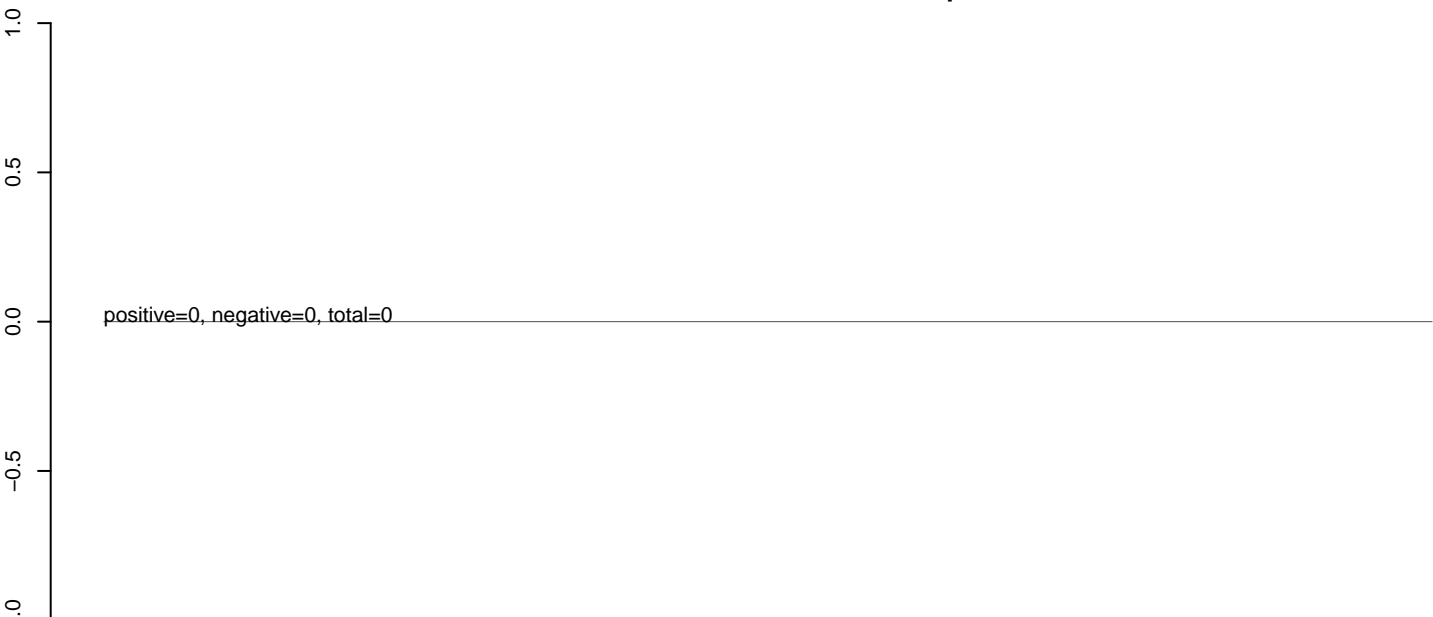
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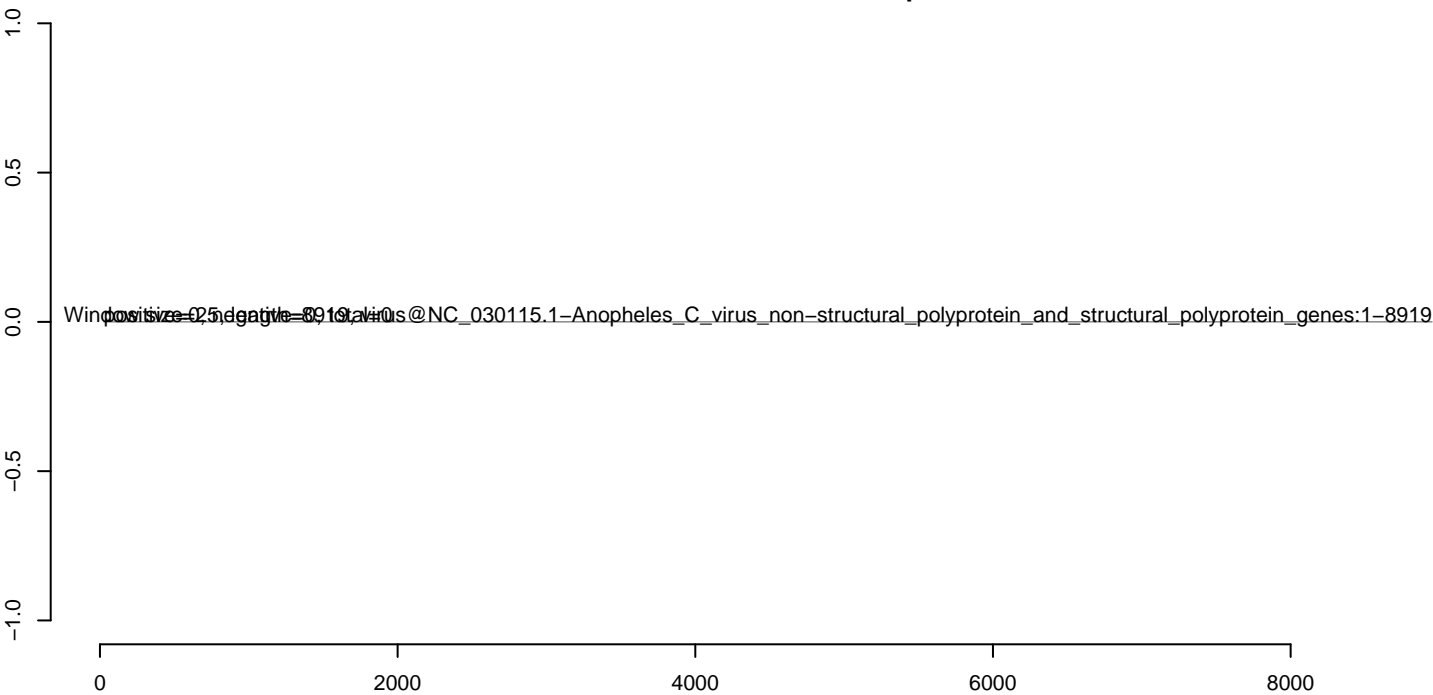
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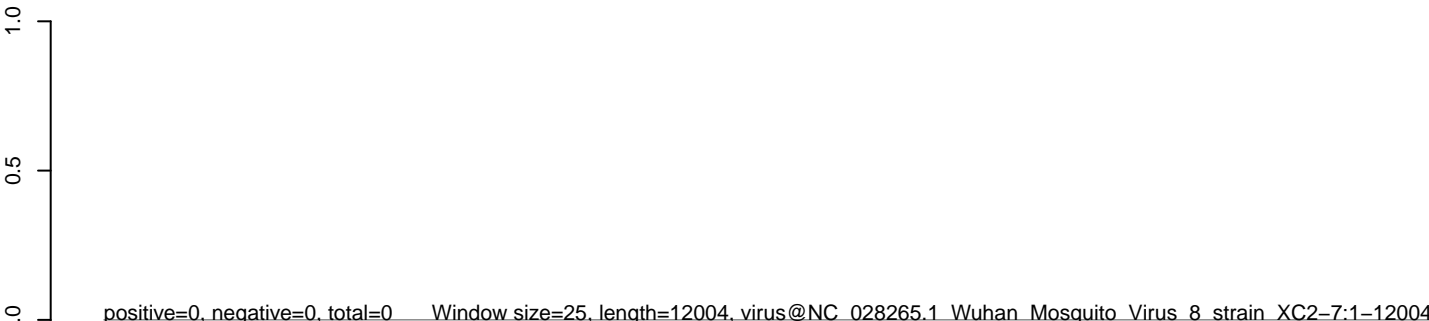
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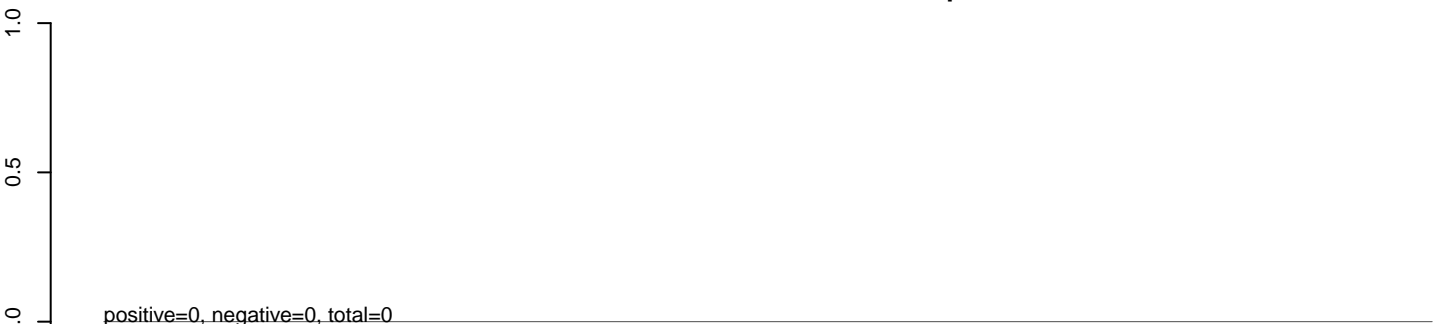
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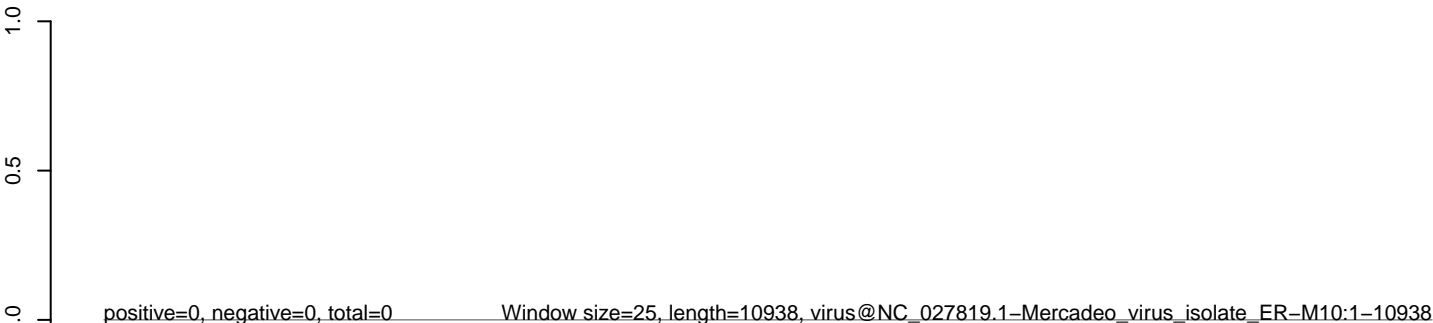
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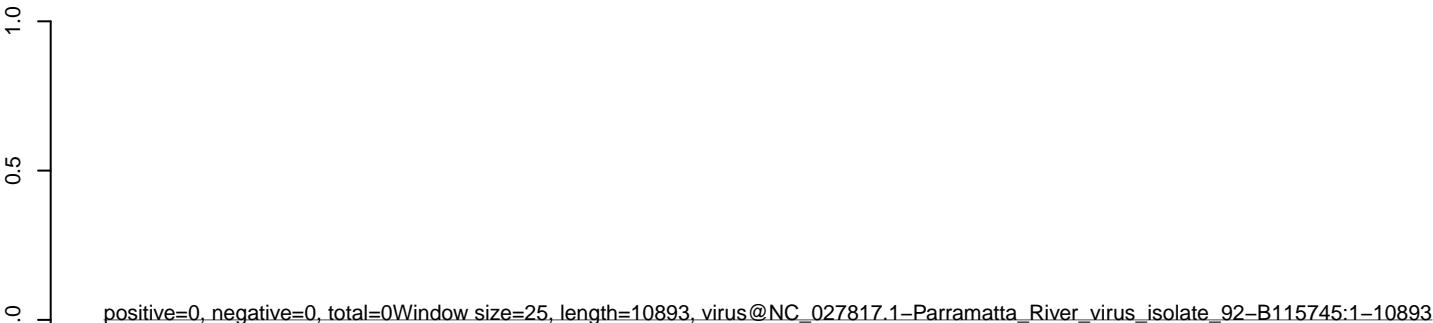
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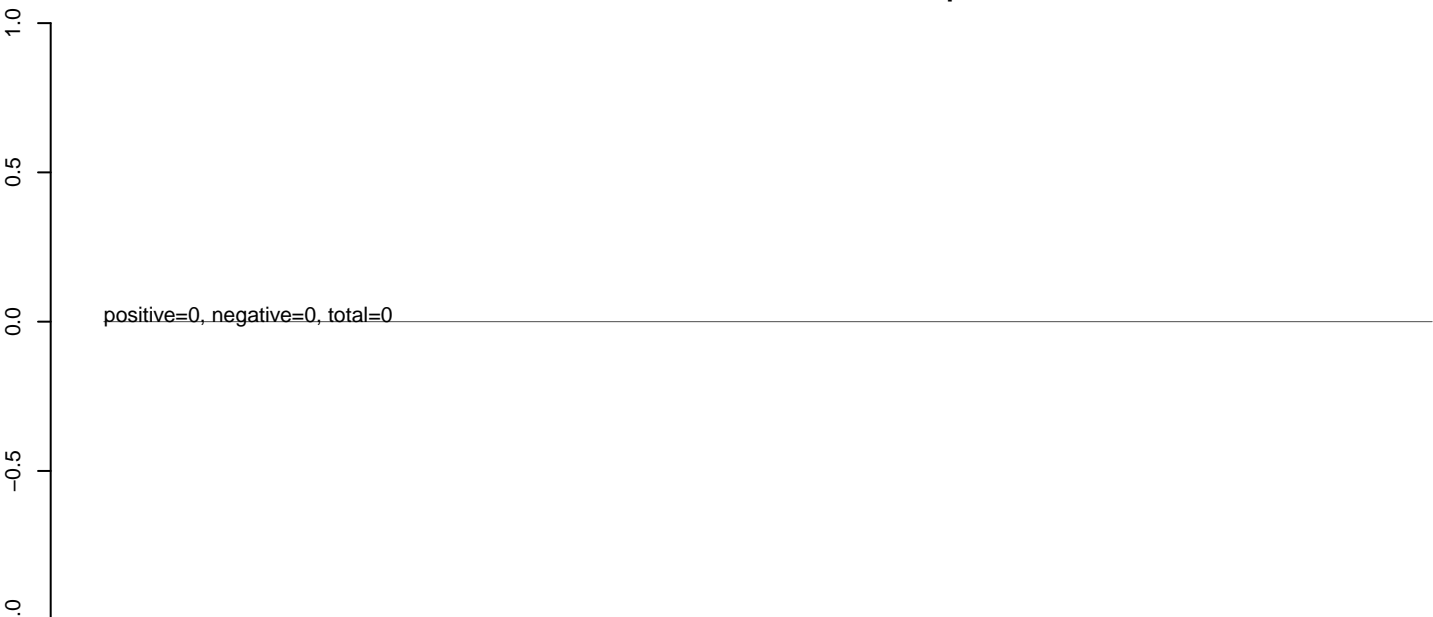
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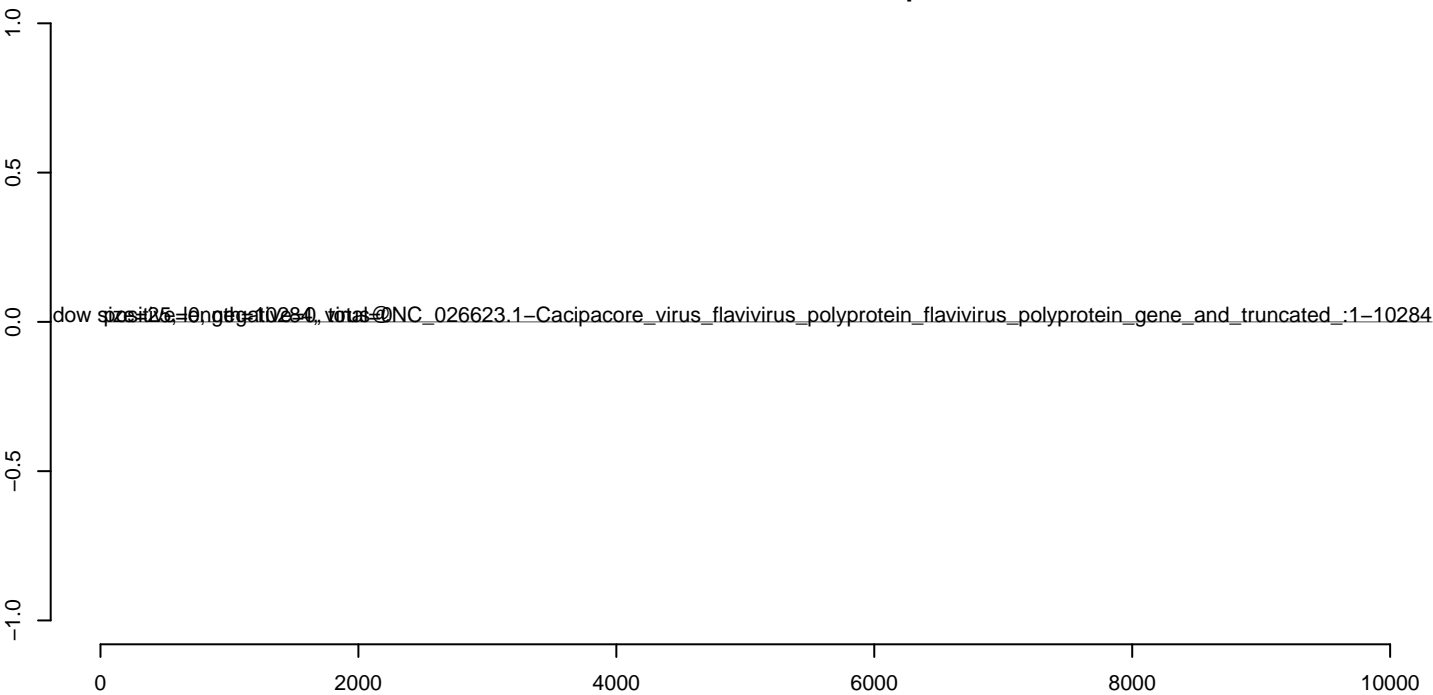
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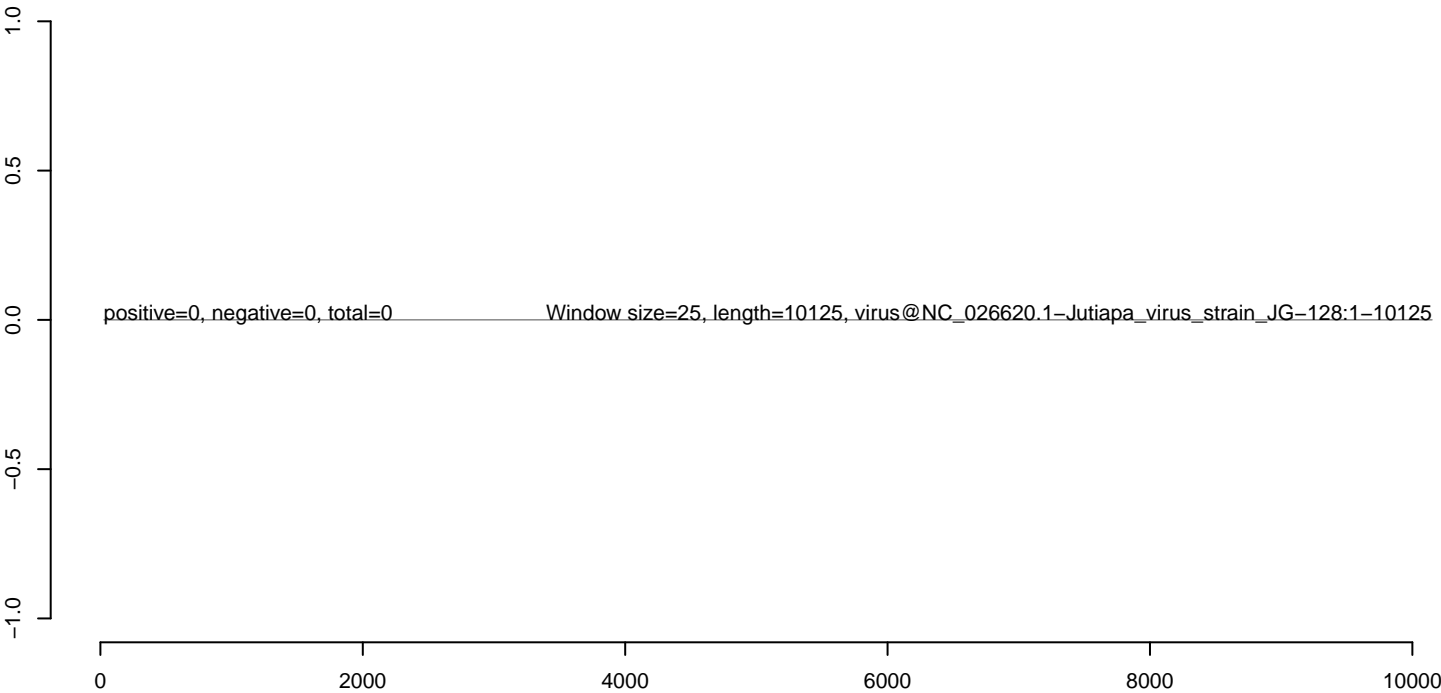
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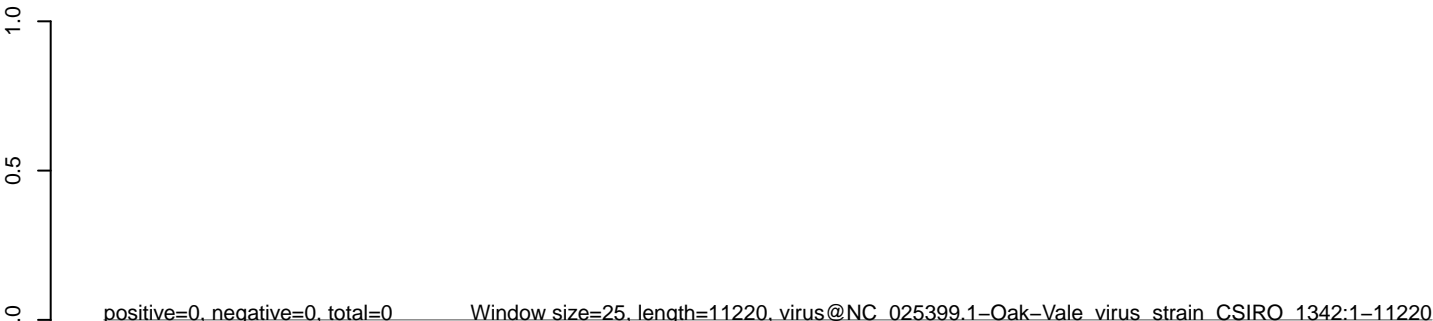
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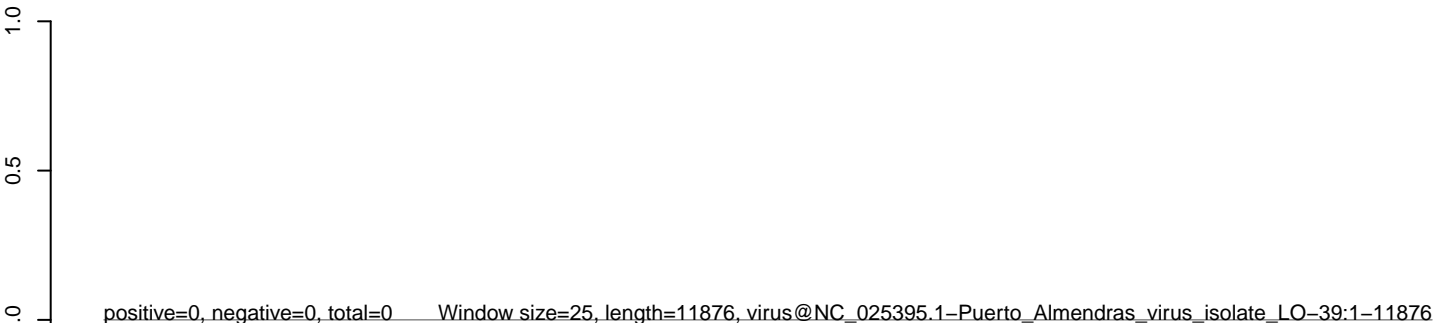
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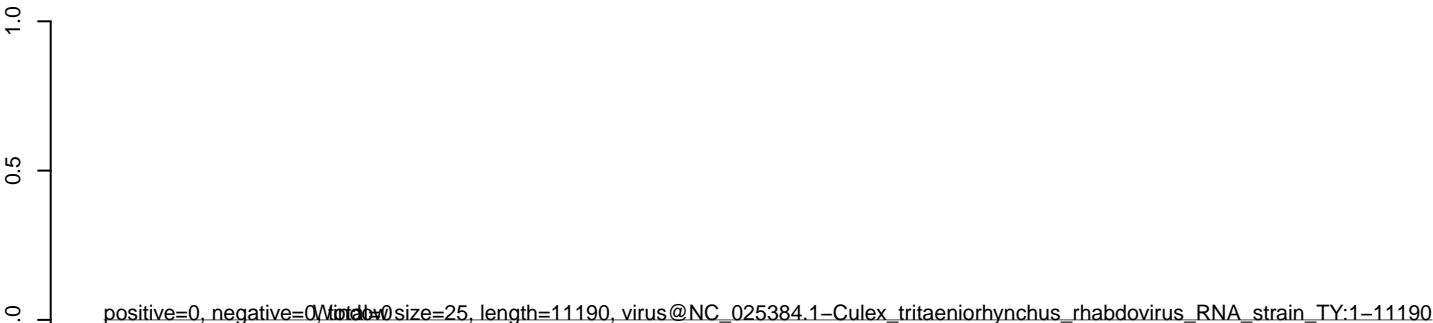
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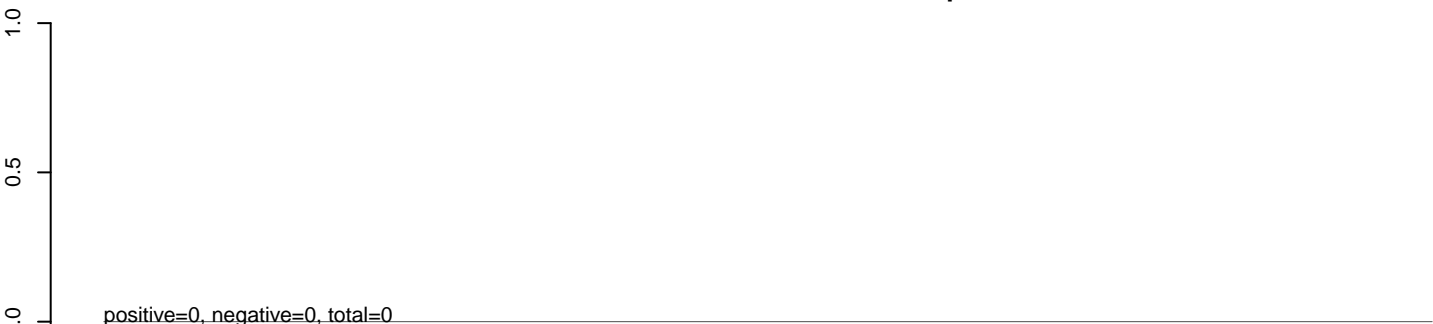


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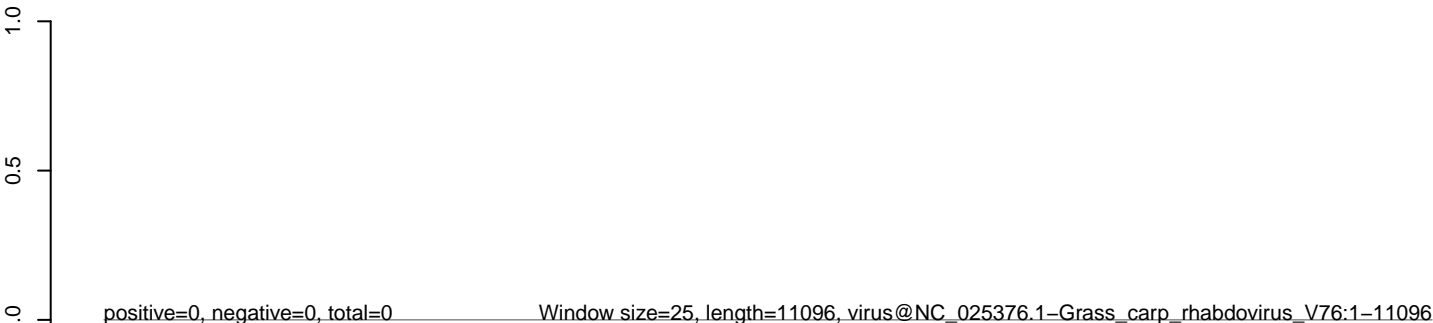
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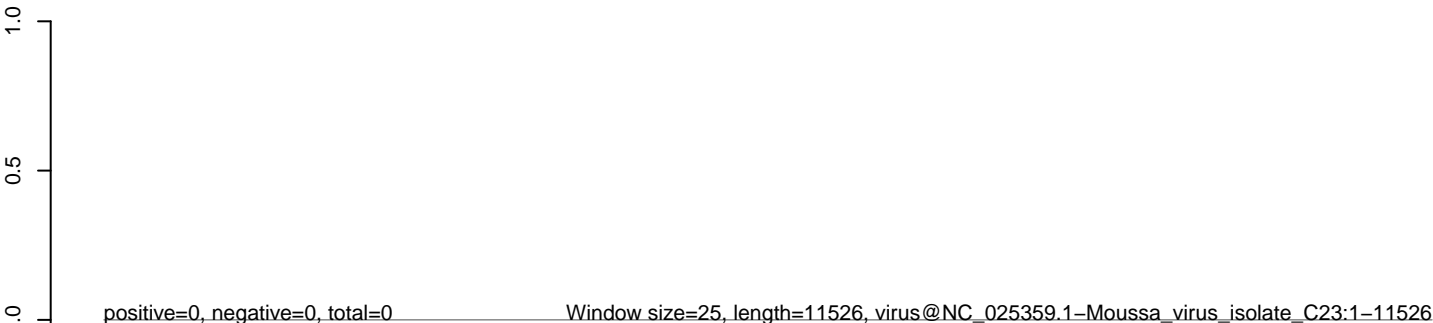
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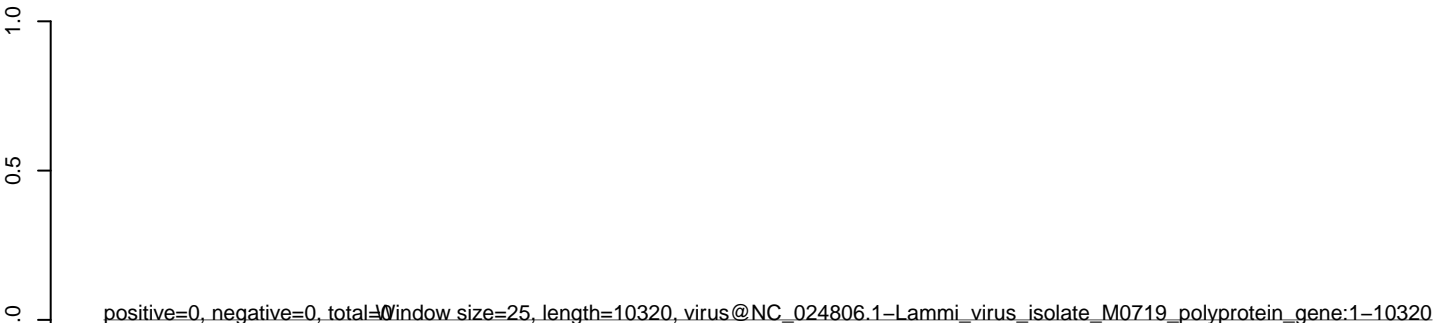
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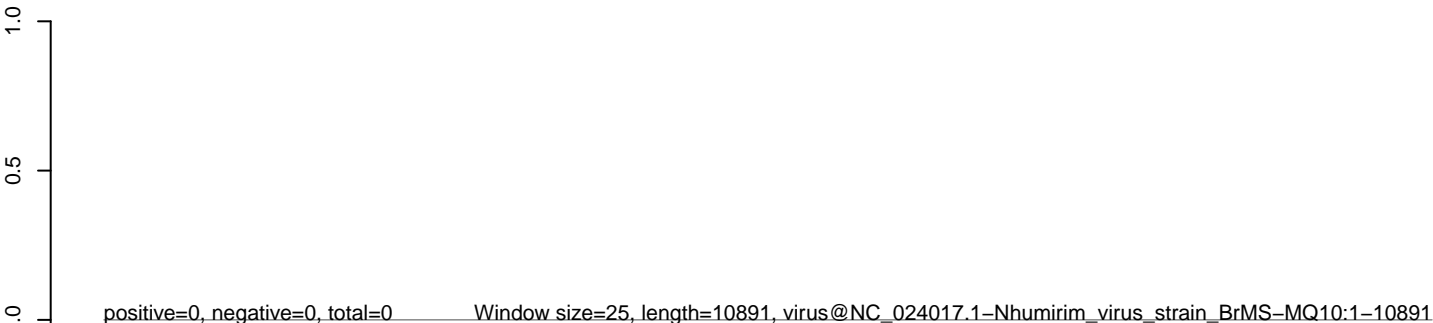
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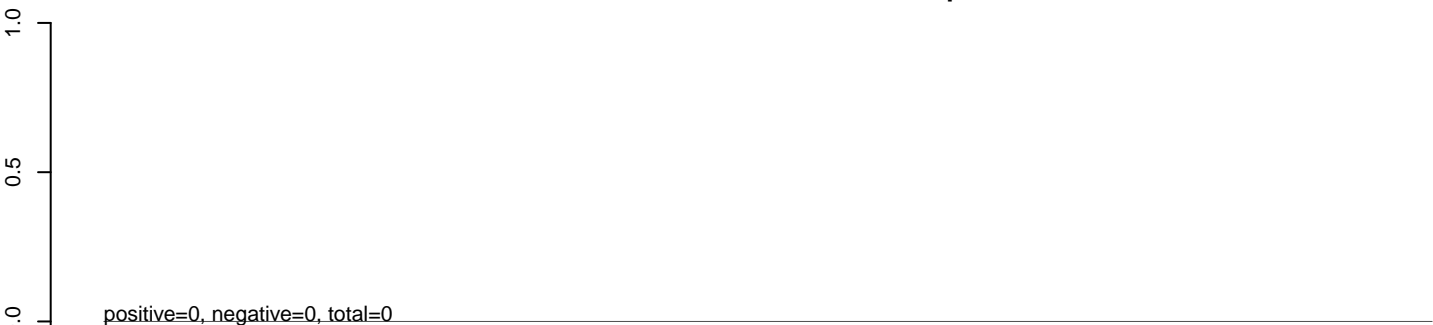


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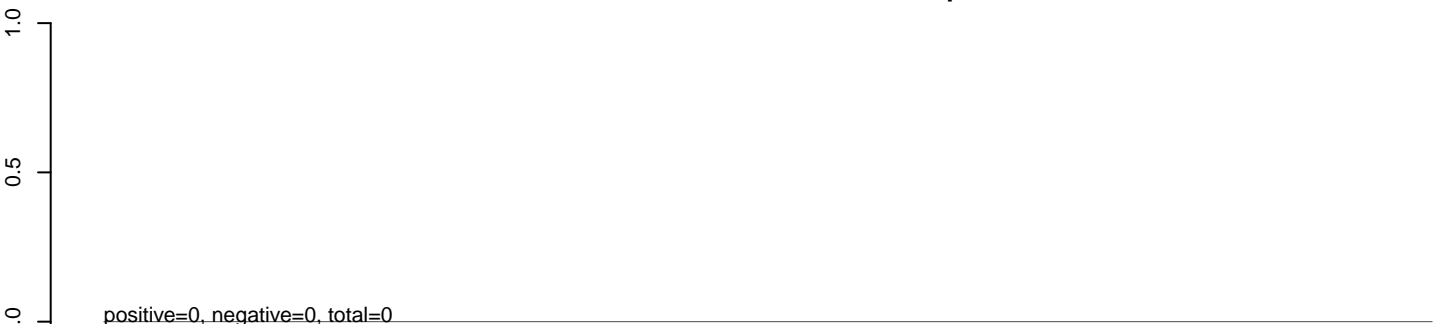


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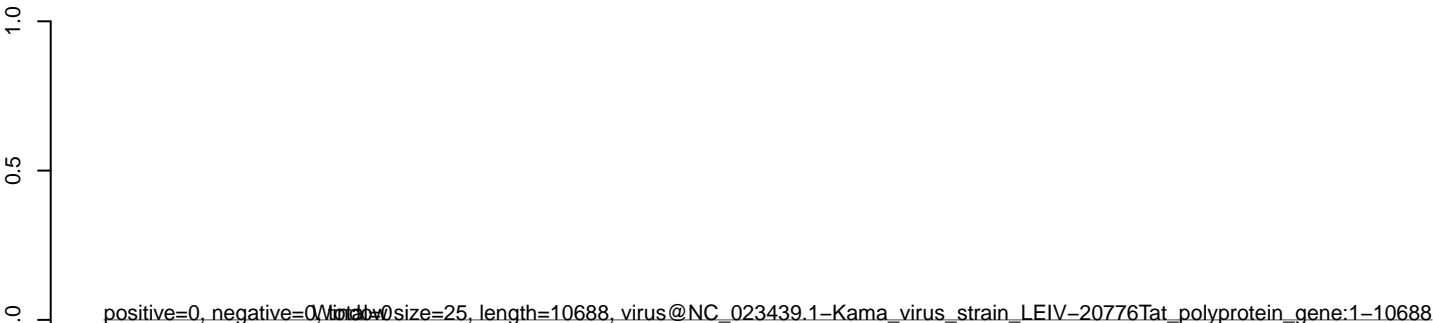
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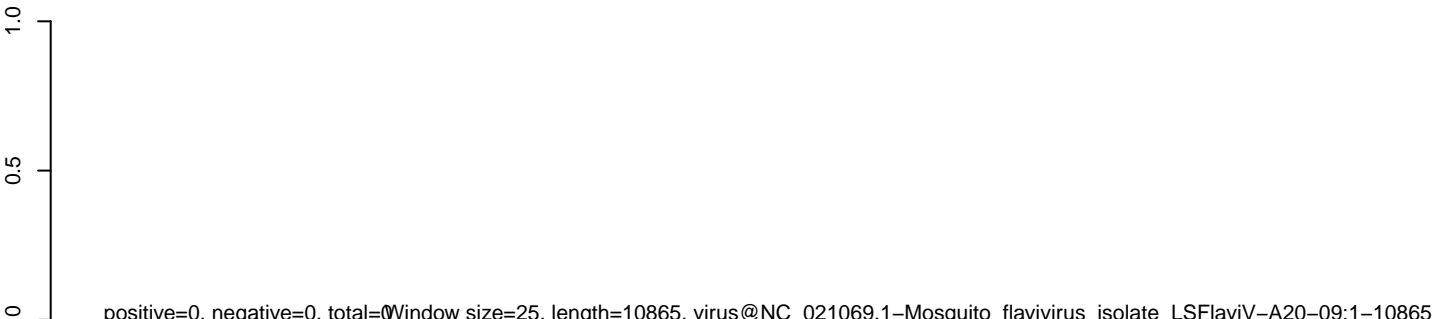
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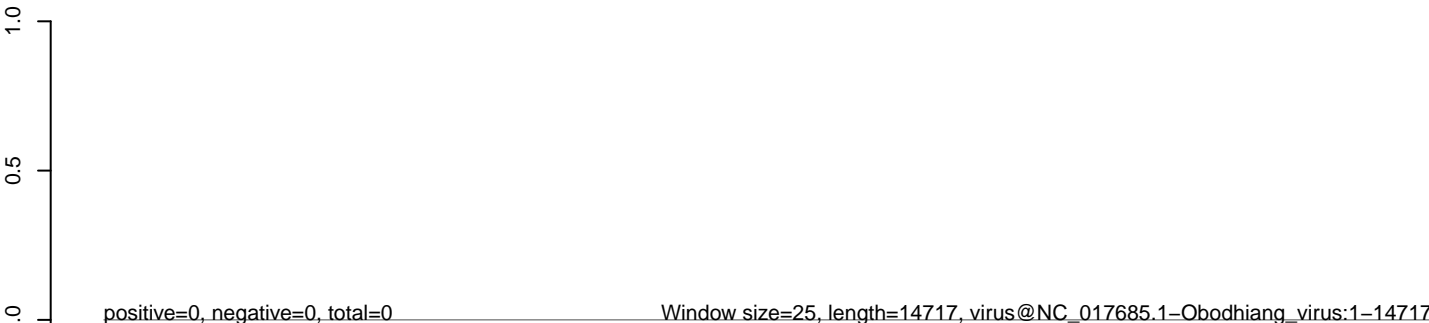
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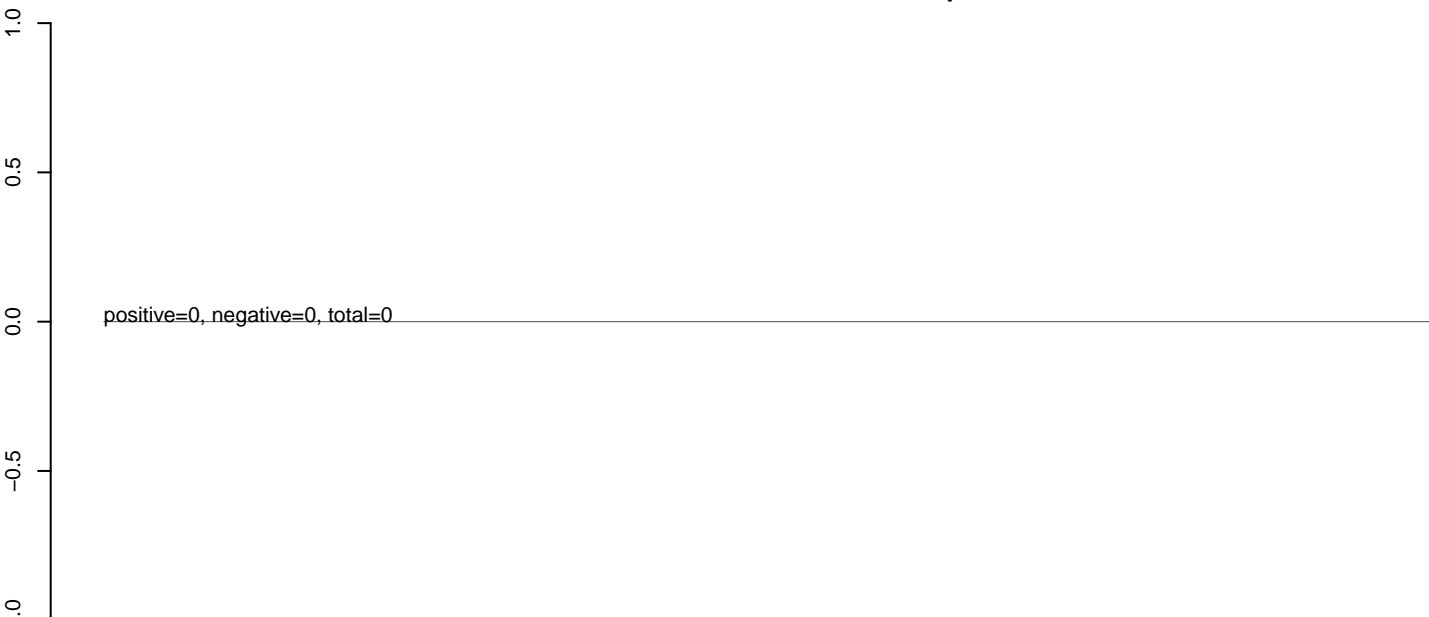
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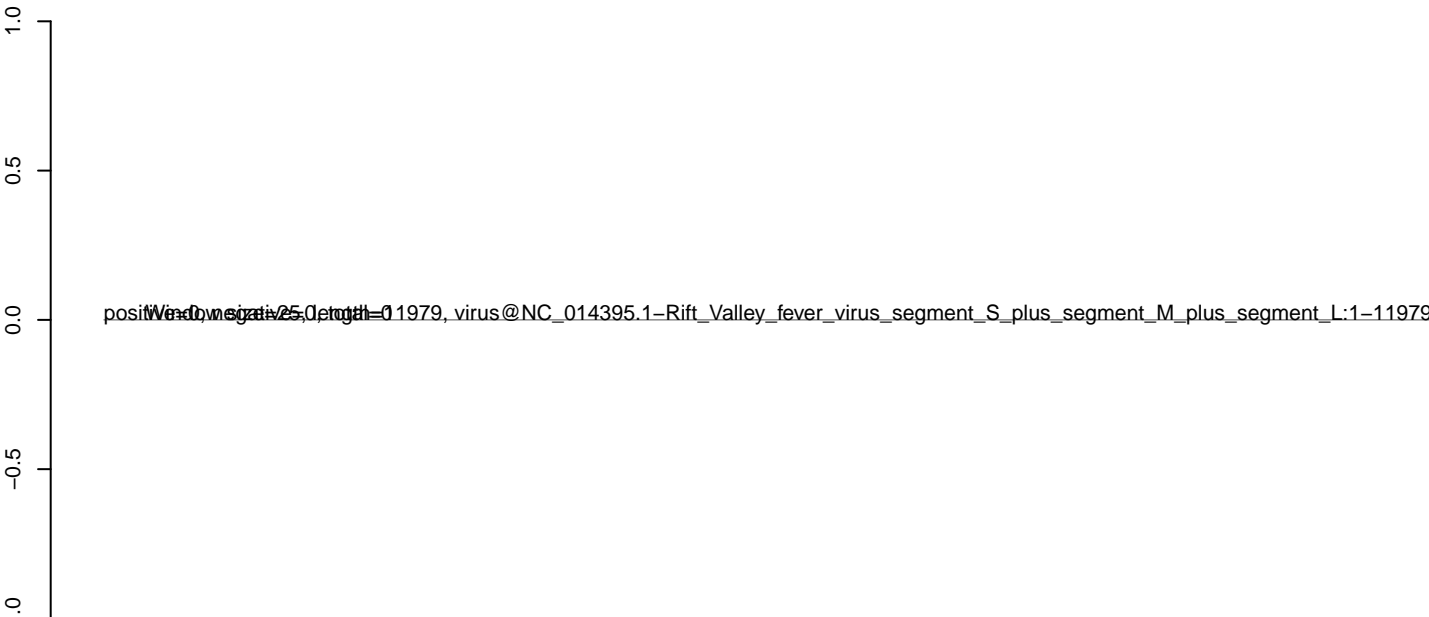
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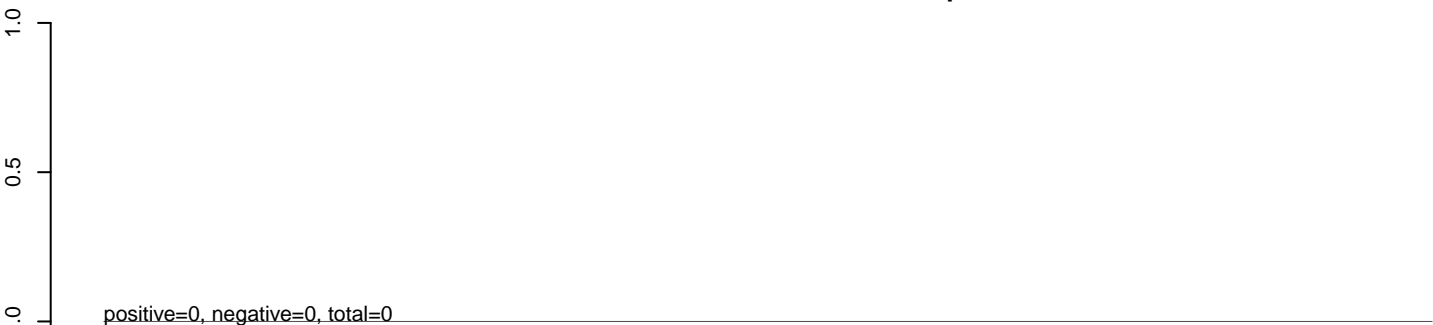


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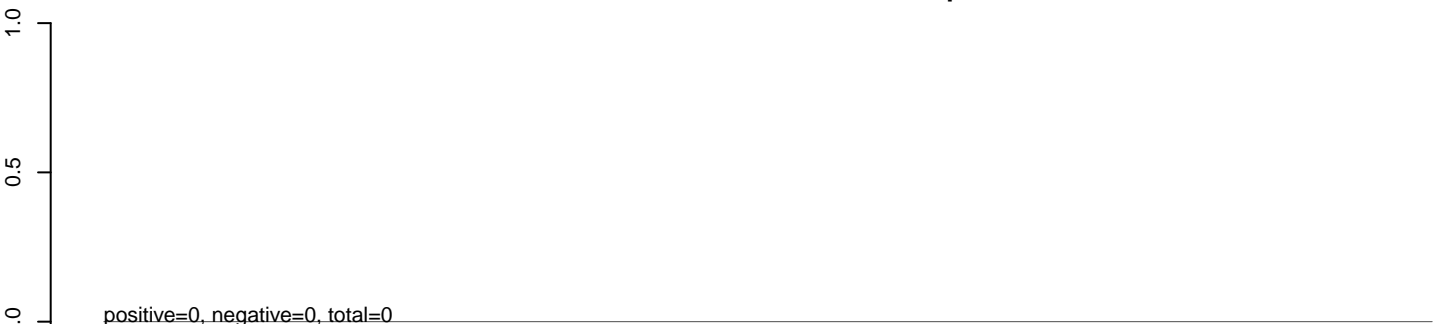


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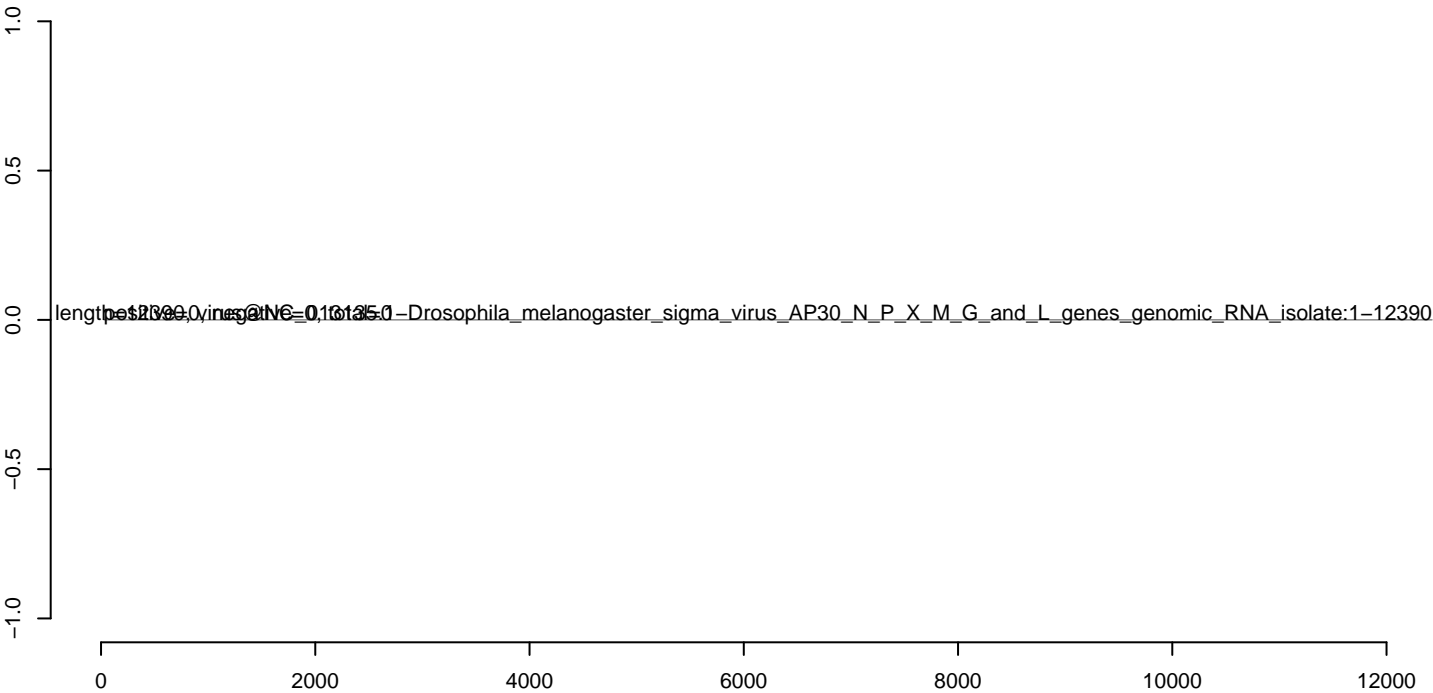
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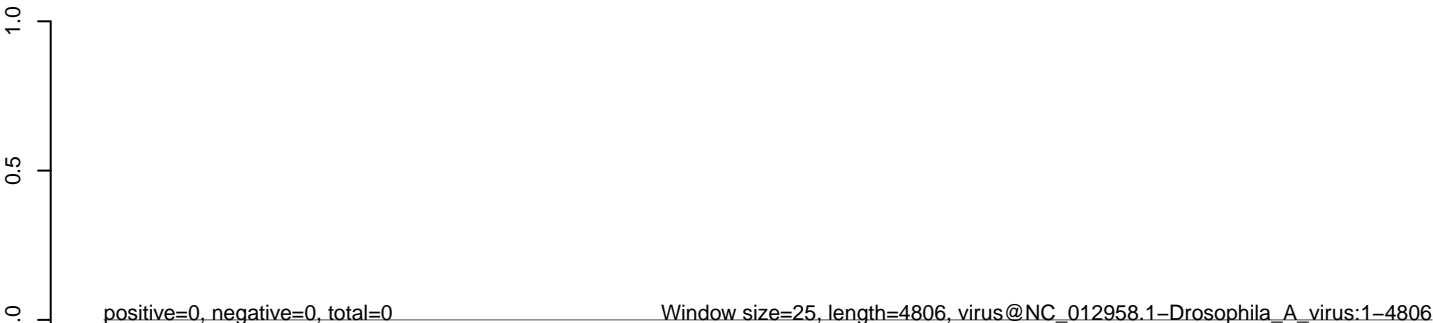
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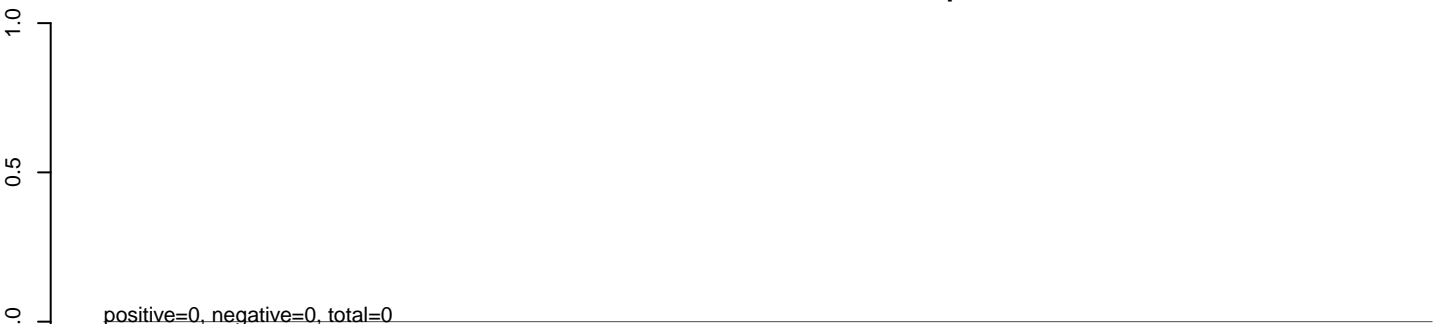




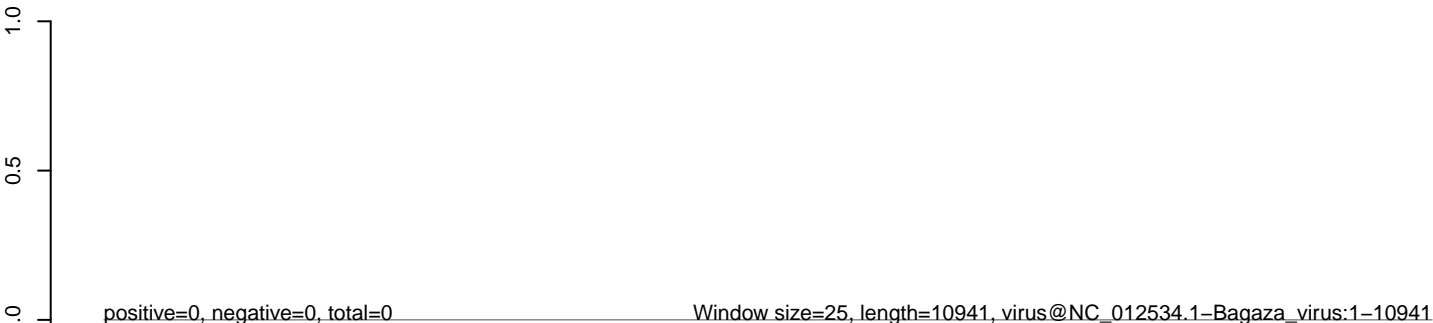
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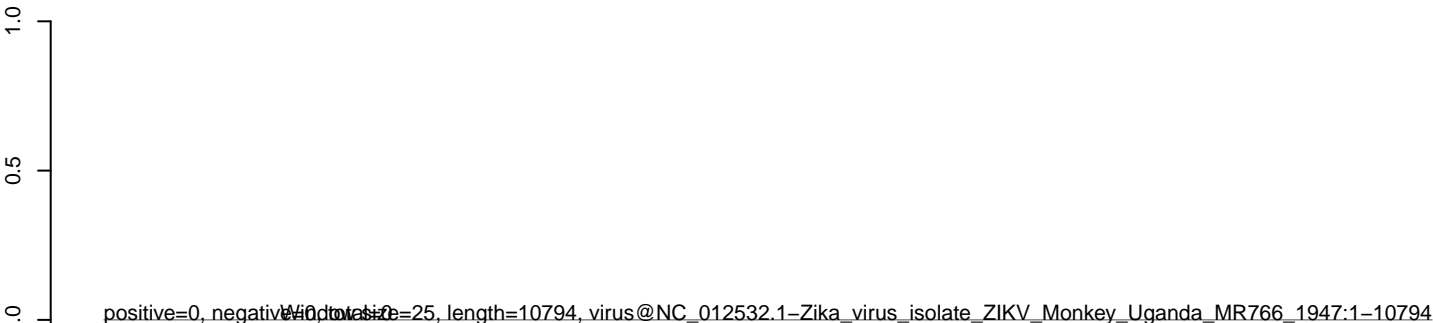
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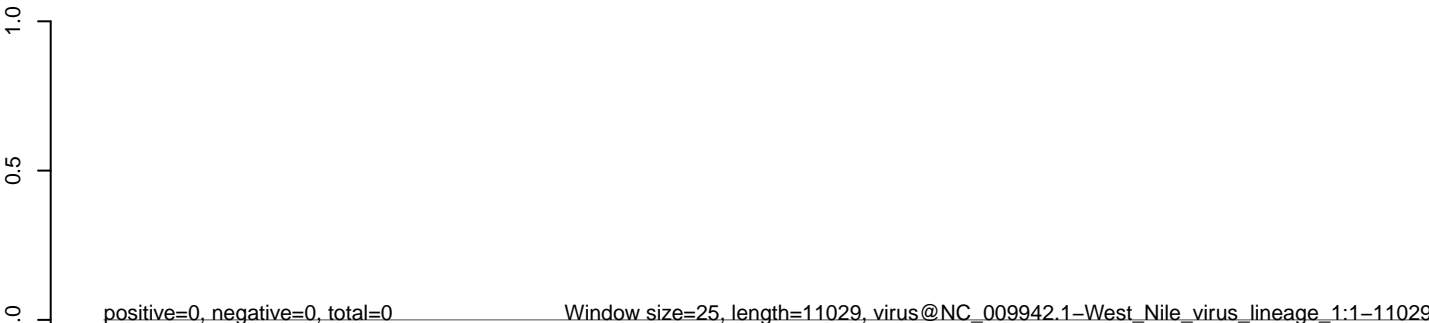
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**AeAlbo\_U4.4\_CHIKV.rep**



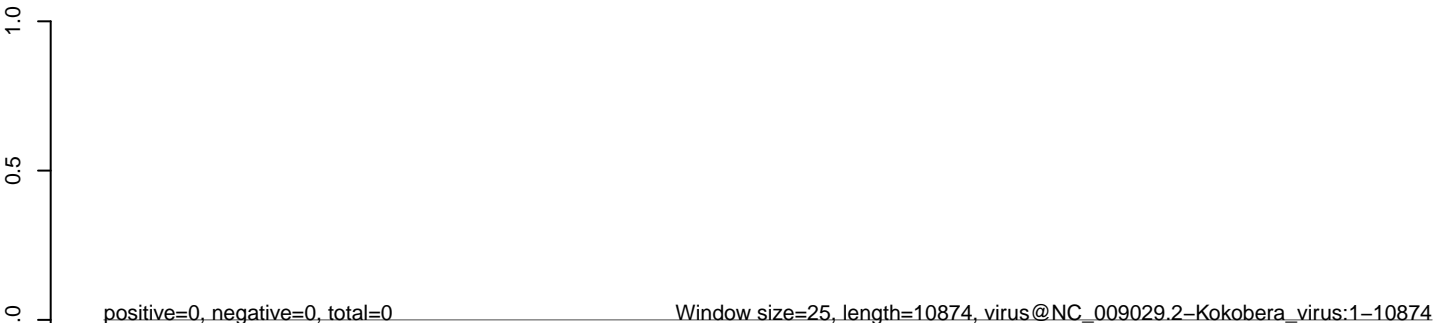
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

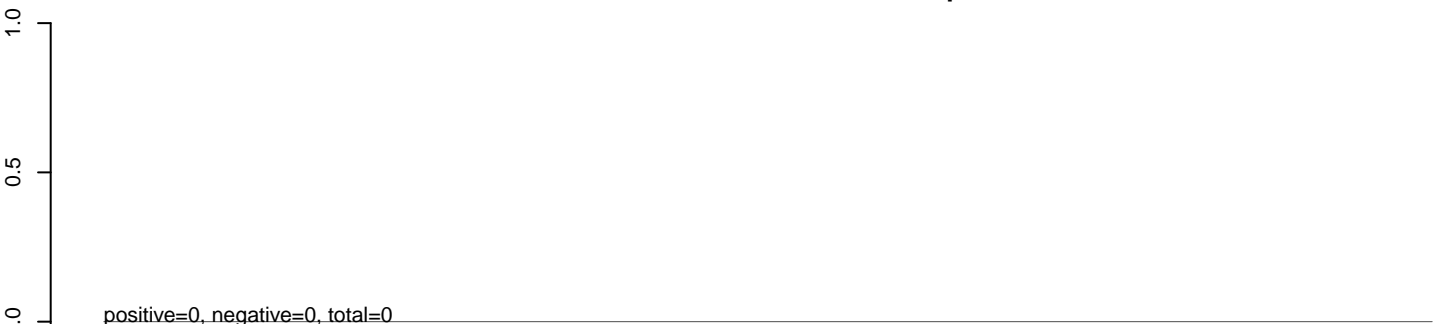


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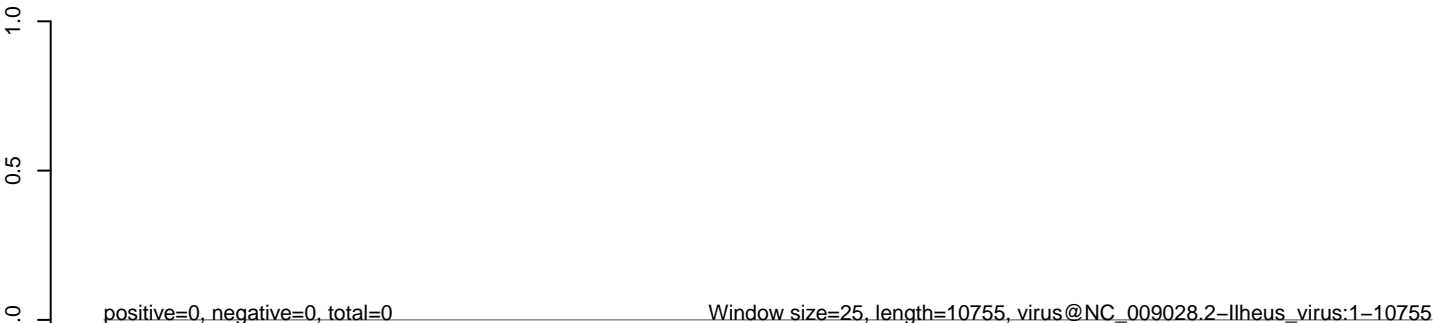
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**

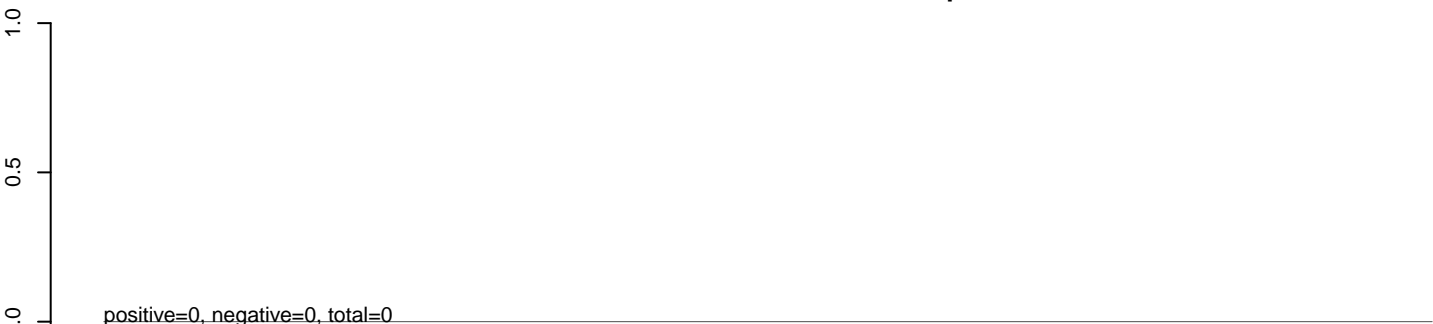


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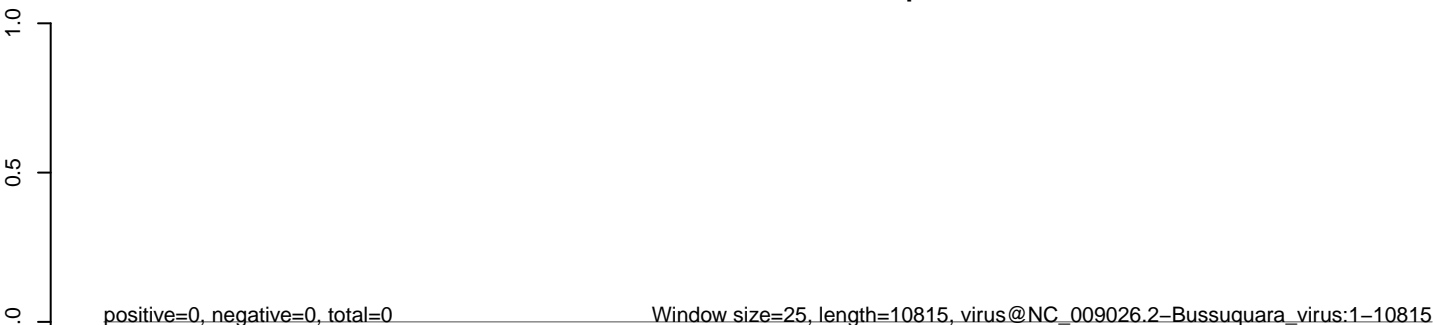
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**AeAlbo\_U4.4\_CHIKV.rep**



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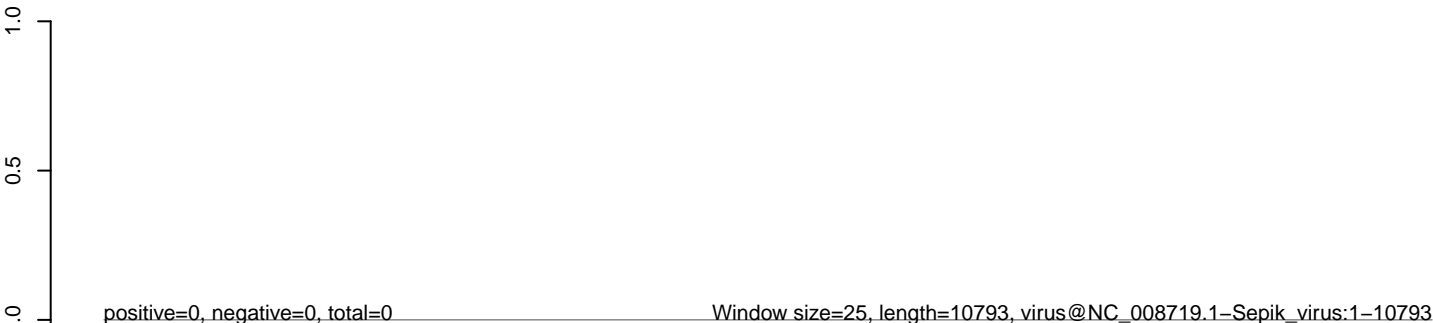
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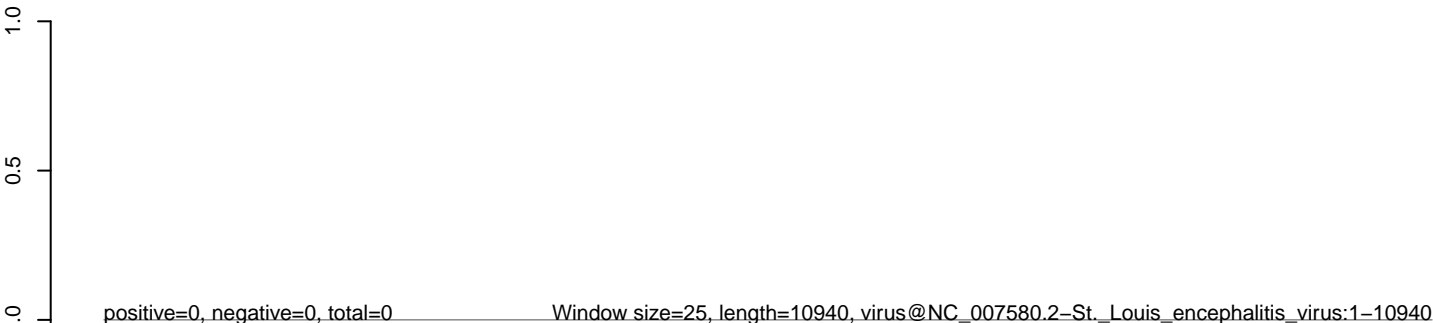
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**AeAlbo\_U4.4\_CHIKV.rep**

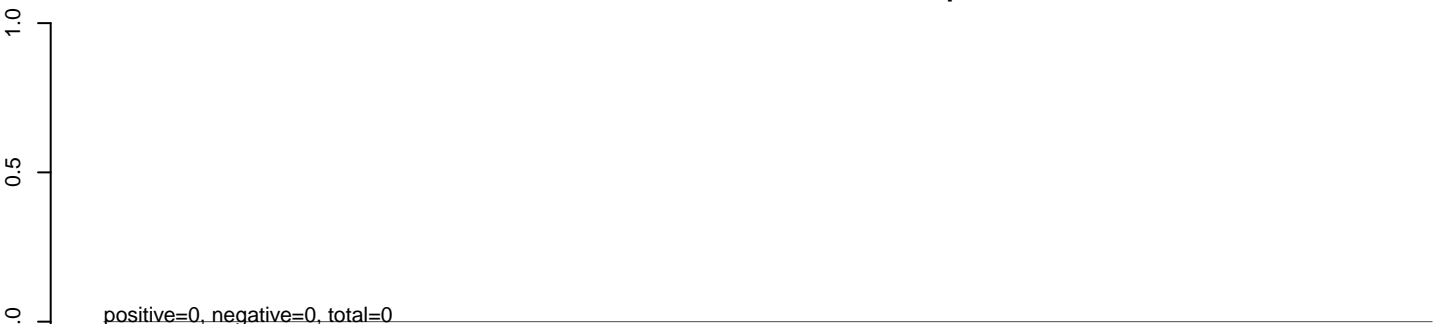




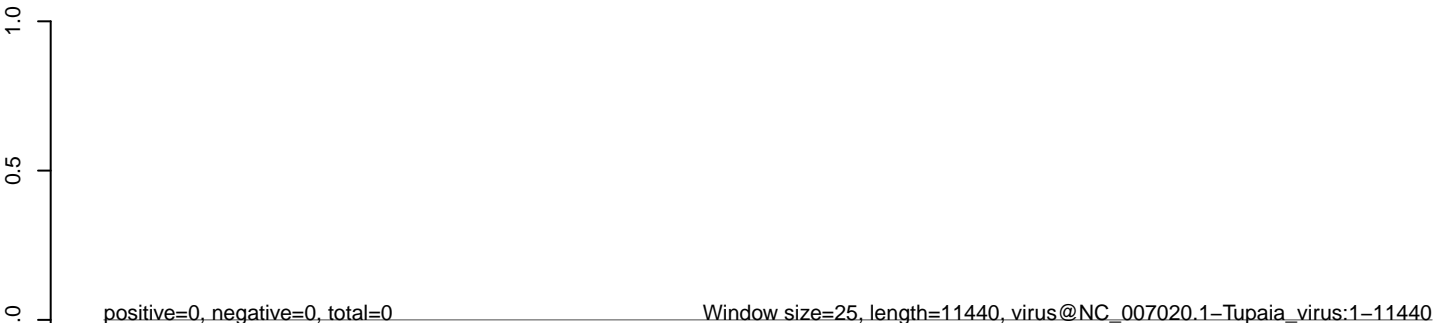
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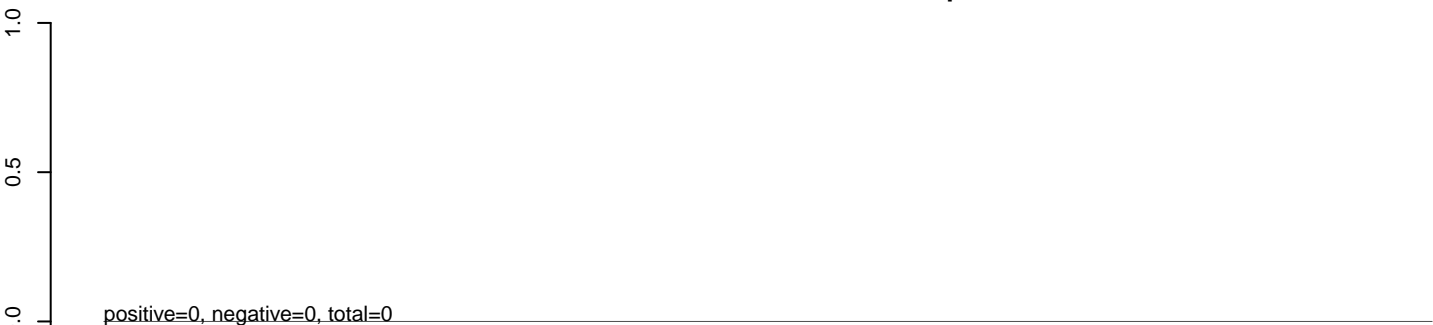


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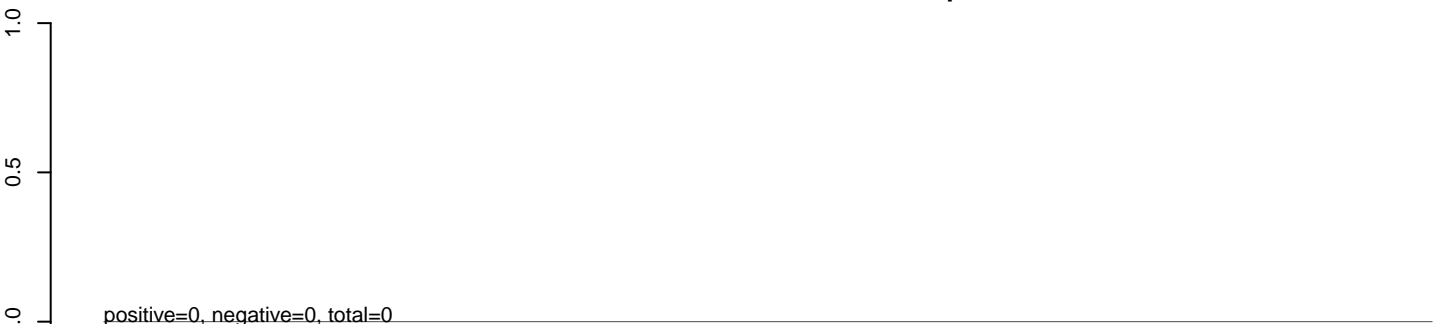


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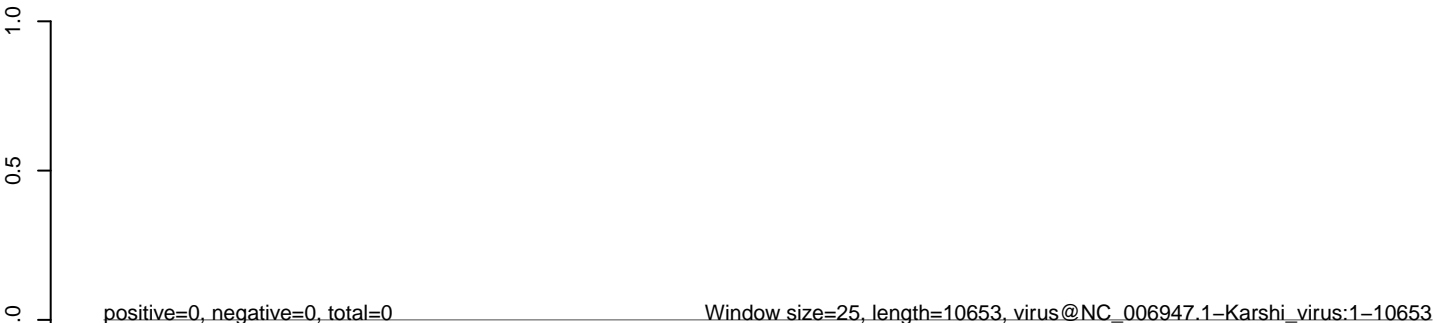
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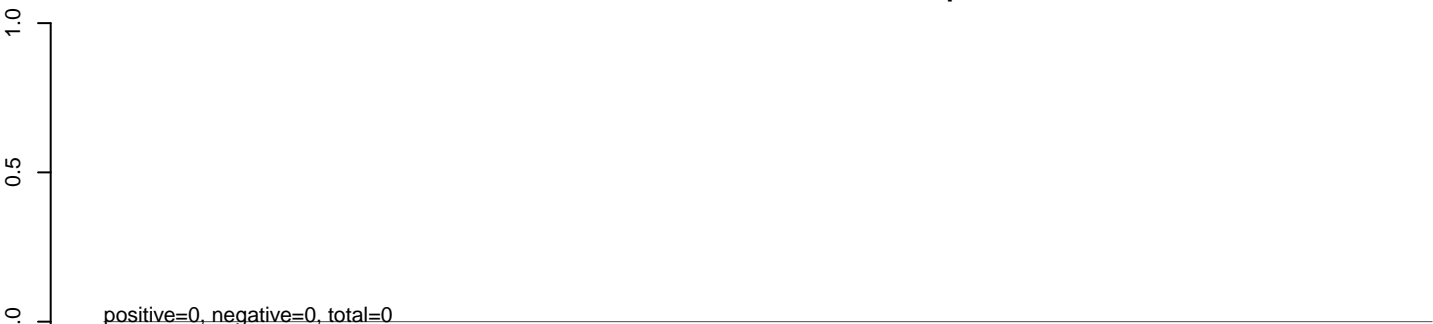
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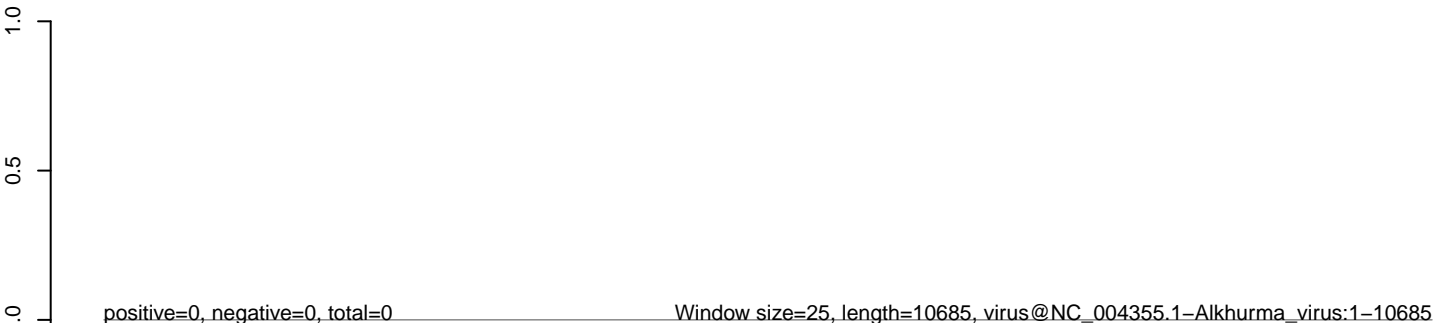
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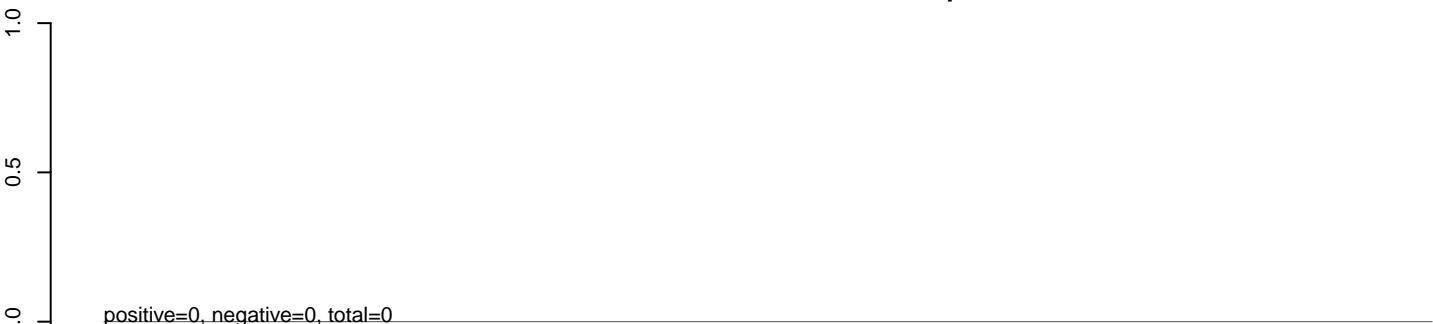
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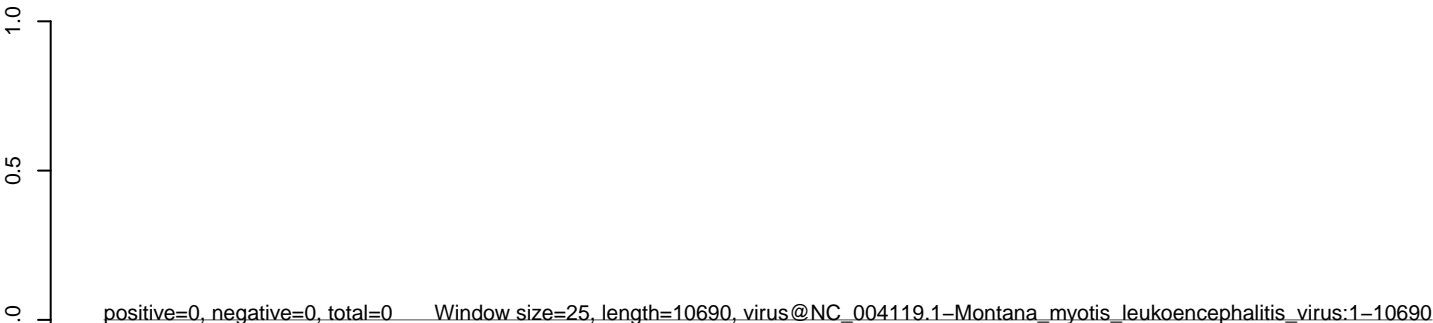
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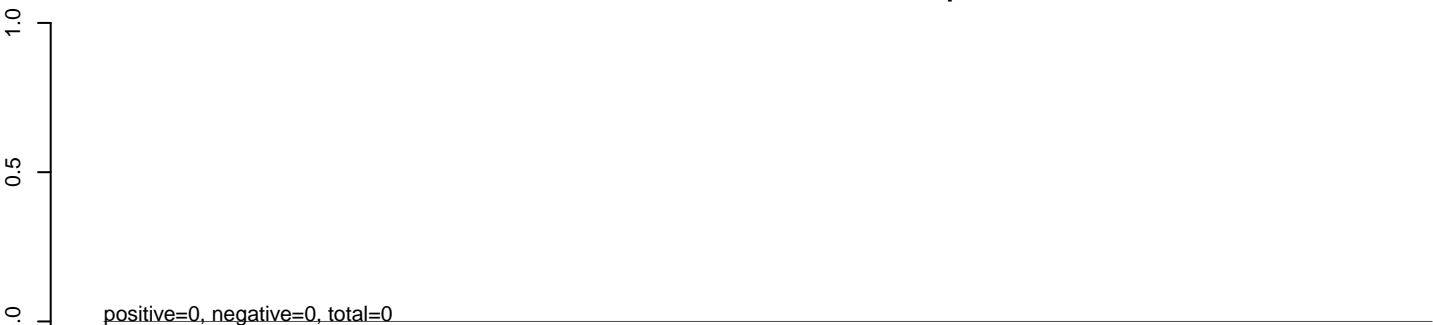
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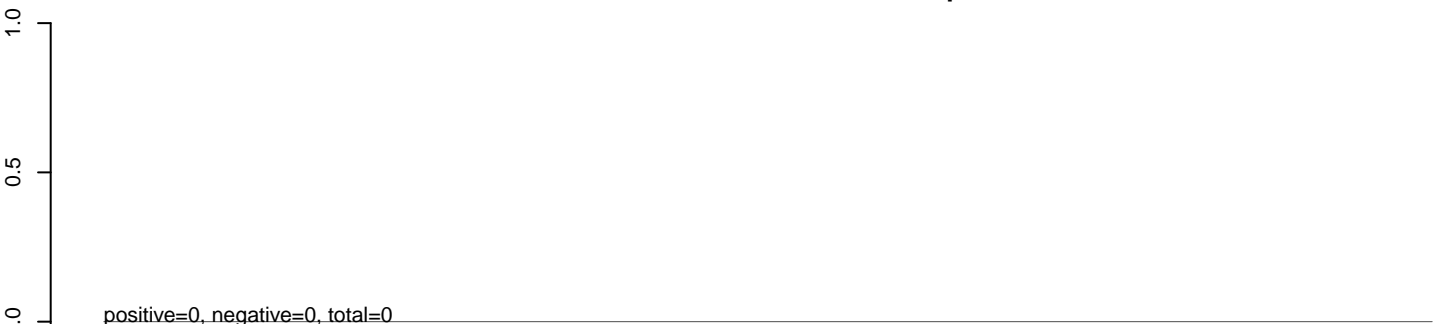
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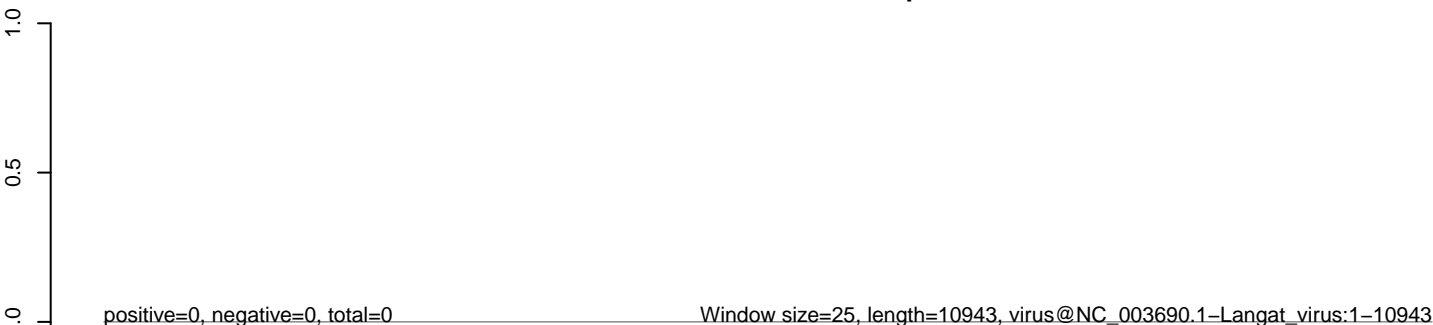
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



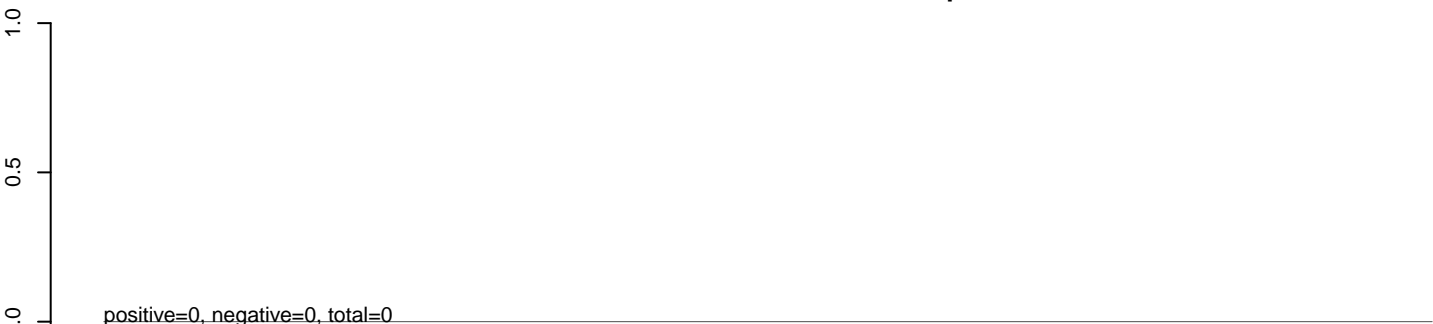
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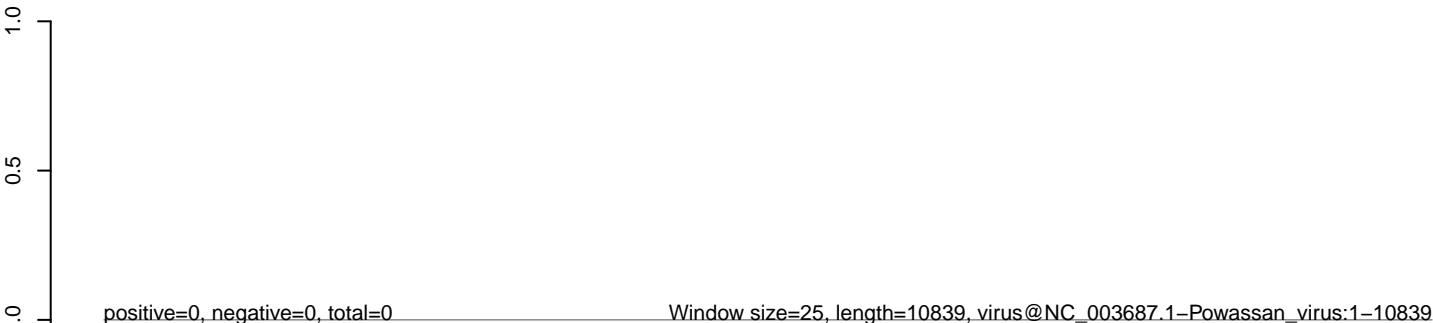
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**AeAlbo\_U4.4\_CHIKV.rep**



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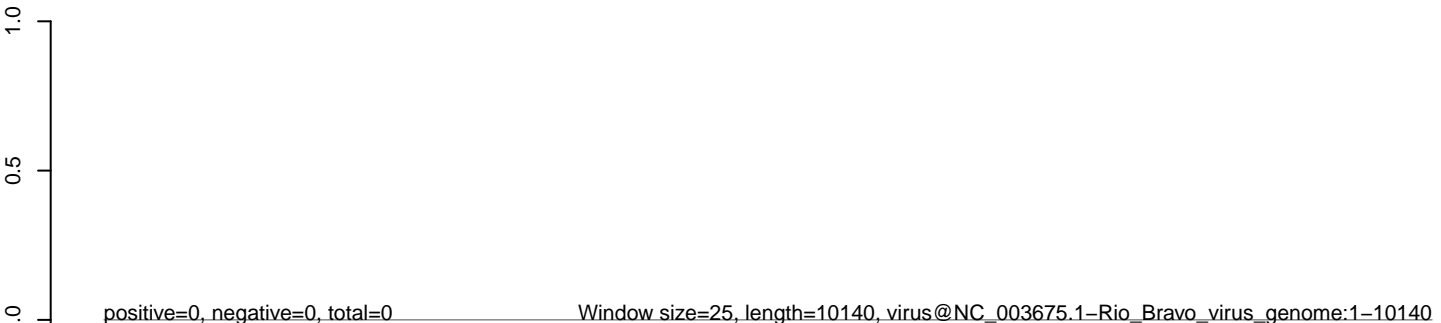
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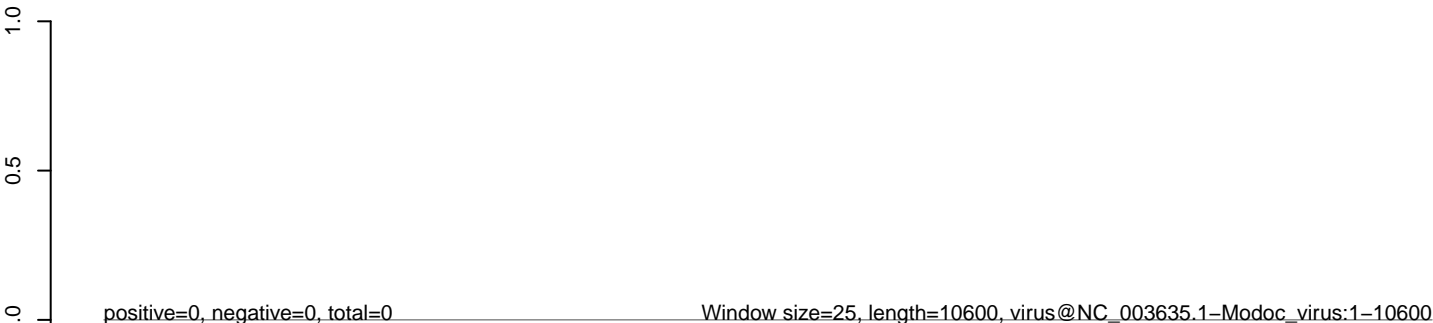
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**AeAlbo\_U4.4\_CHIKV.rep**



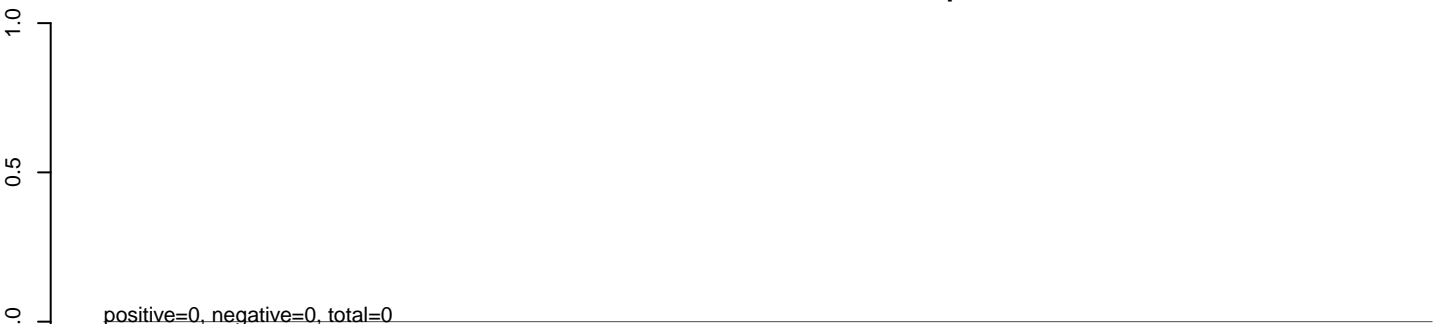
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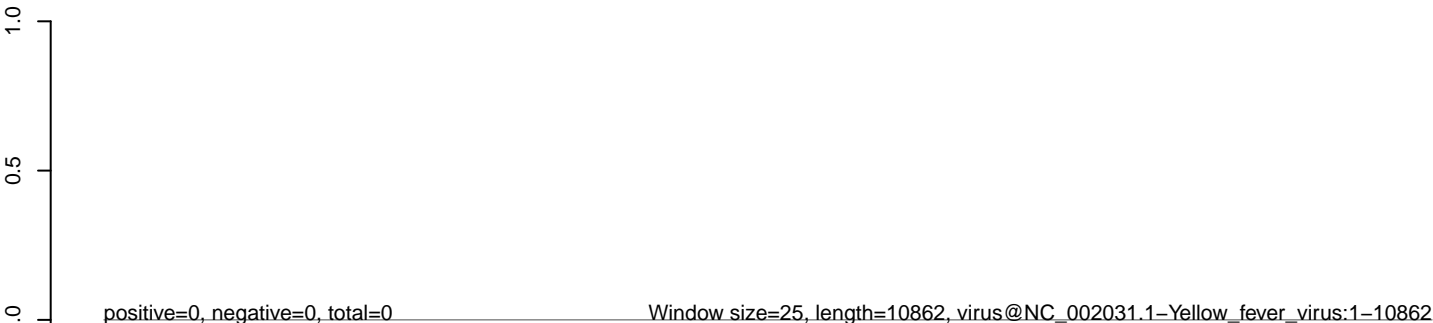
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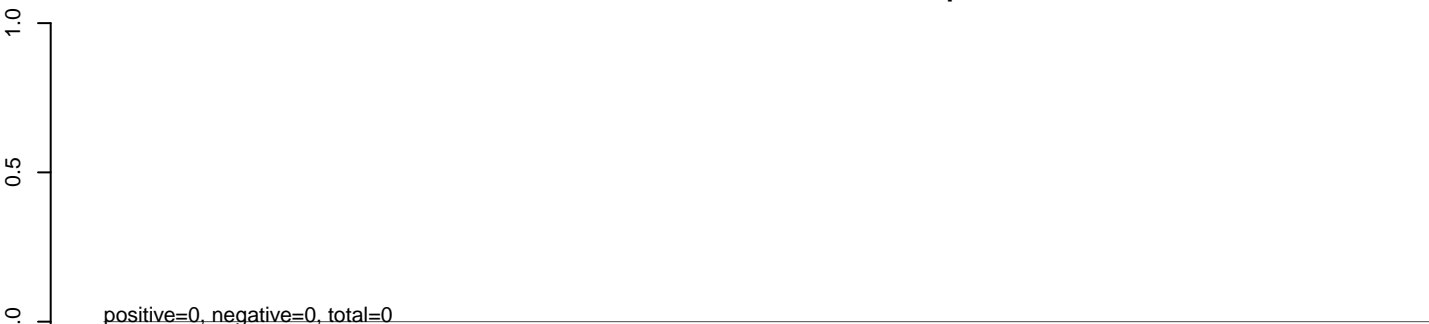
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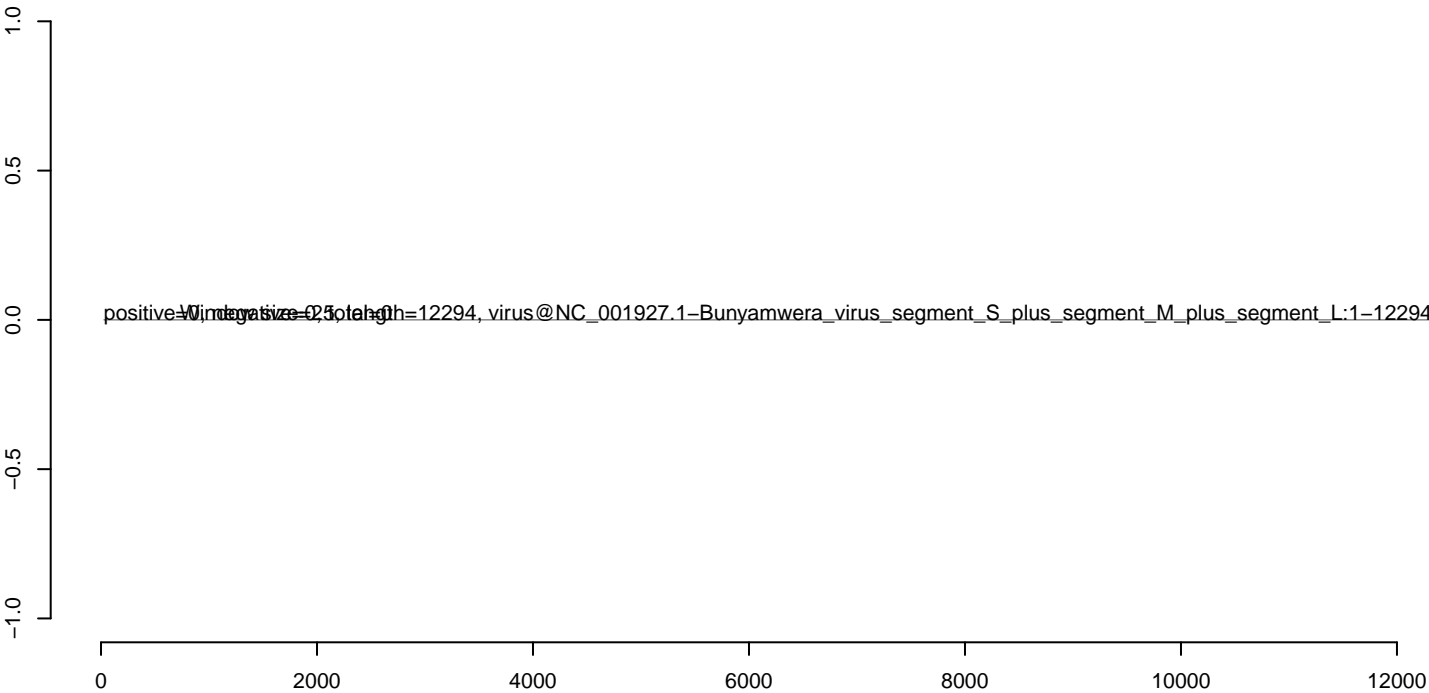
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



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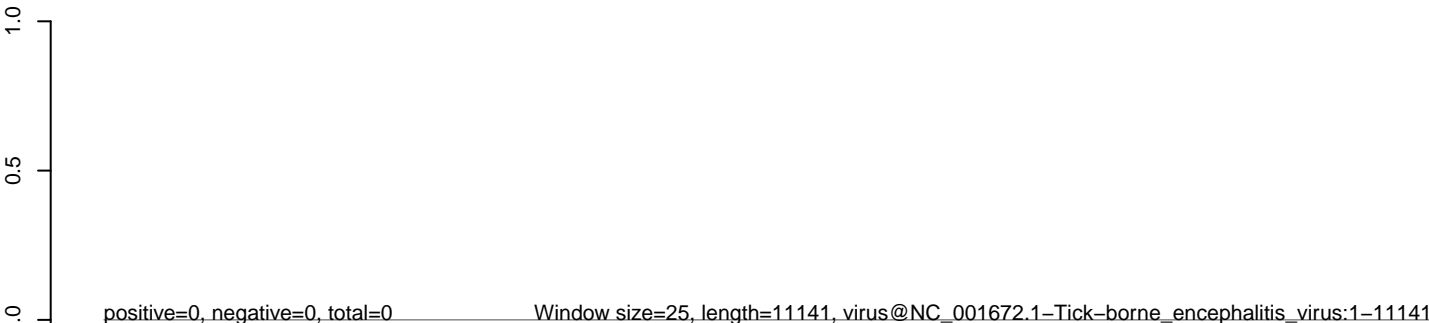
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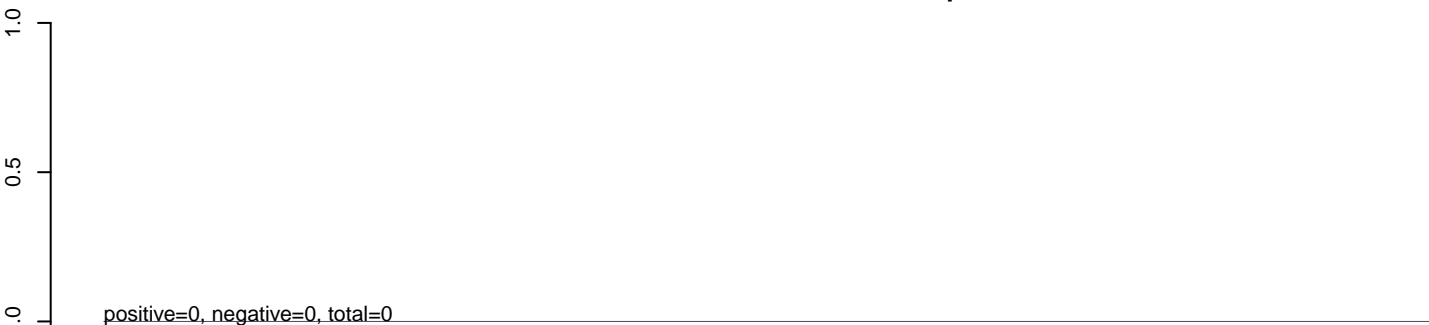


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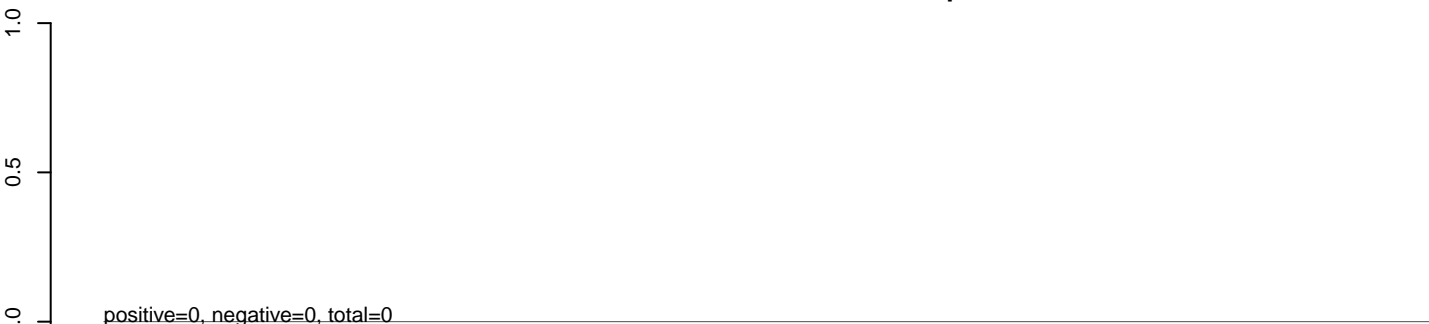


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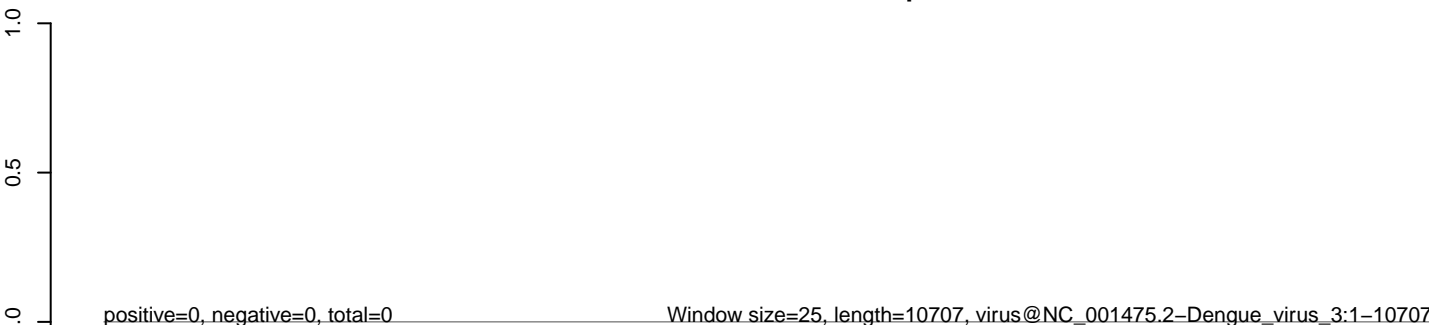
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**AeAlbo\_U4.4\_CHIKV.rep**



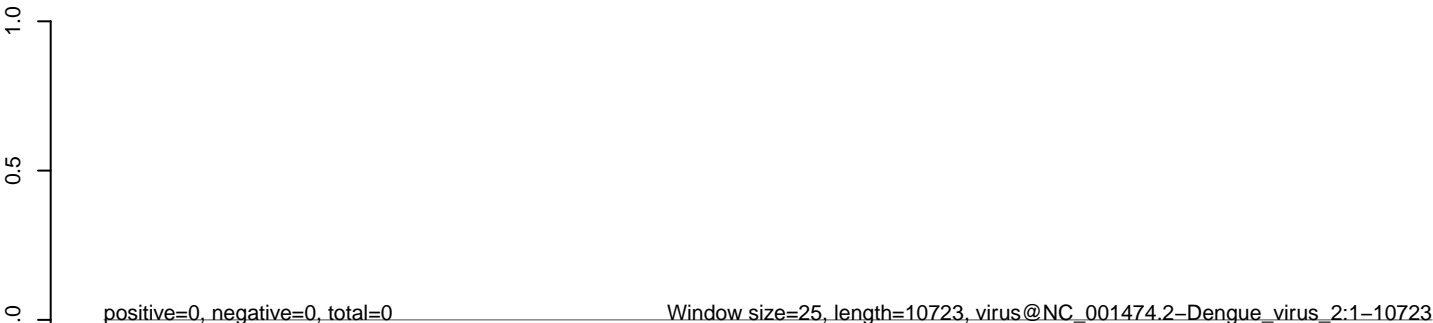
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



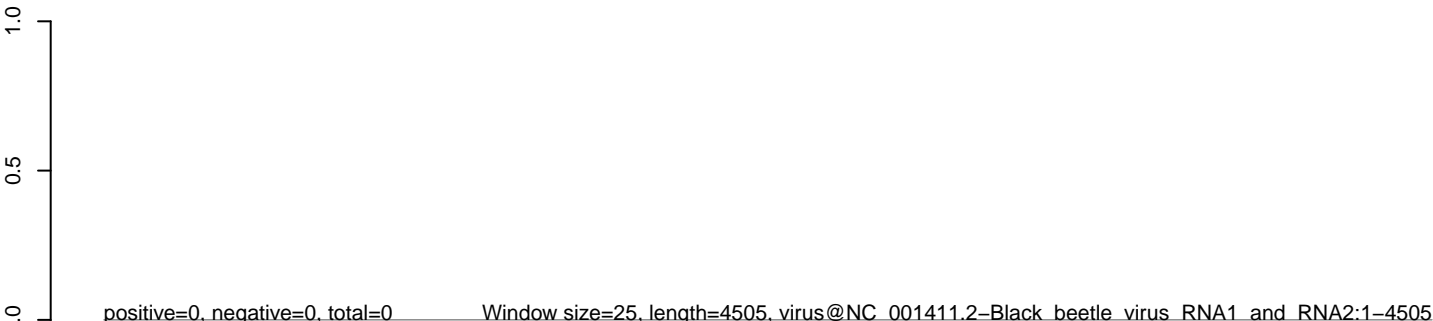
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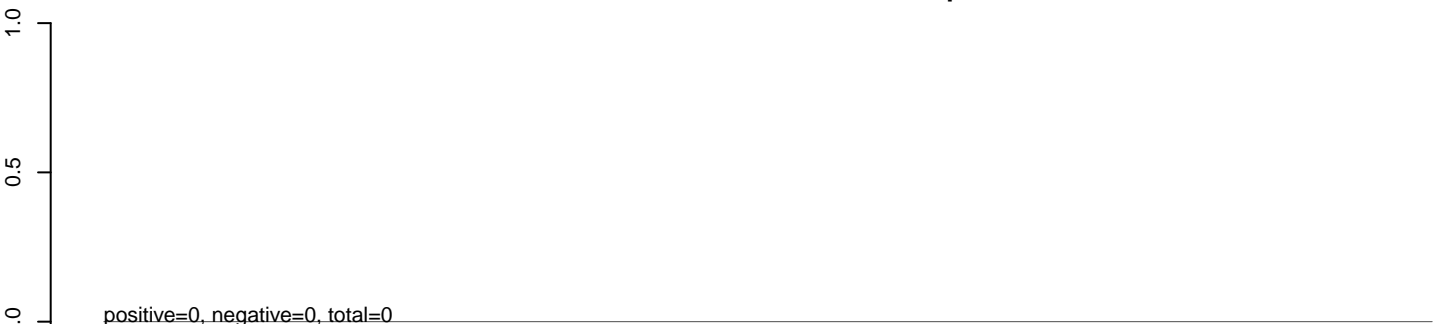
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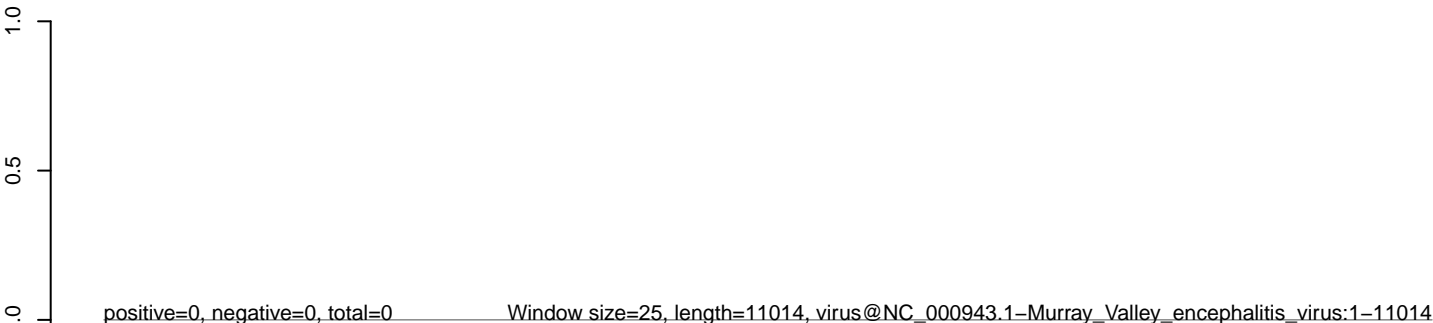
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**AeAlbo\_U4.4\_CHIKV.rep**



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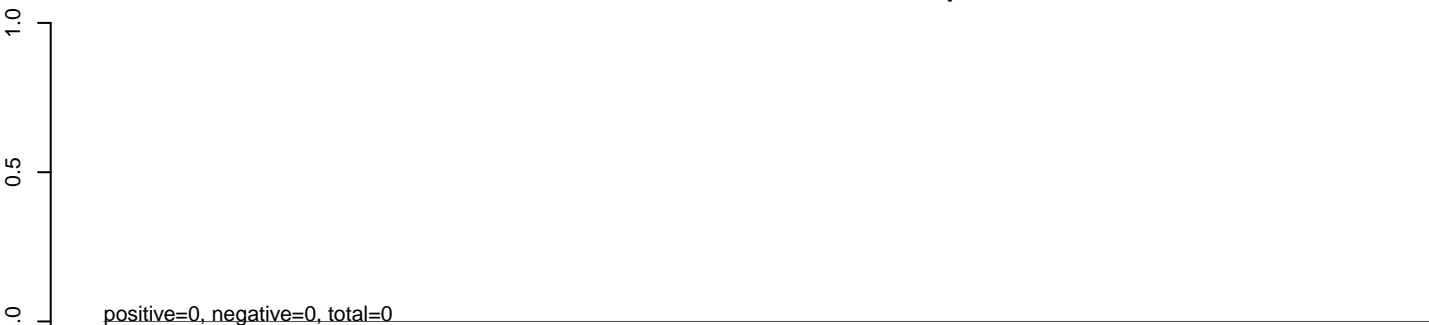
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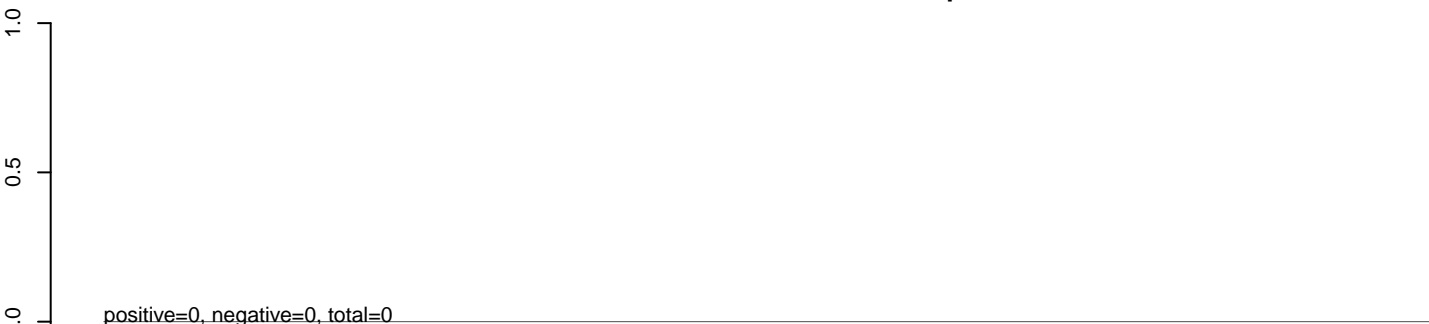
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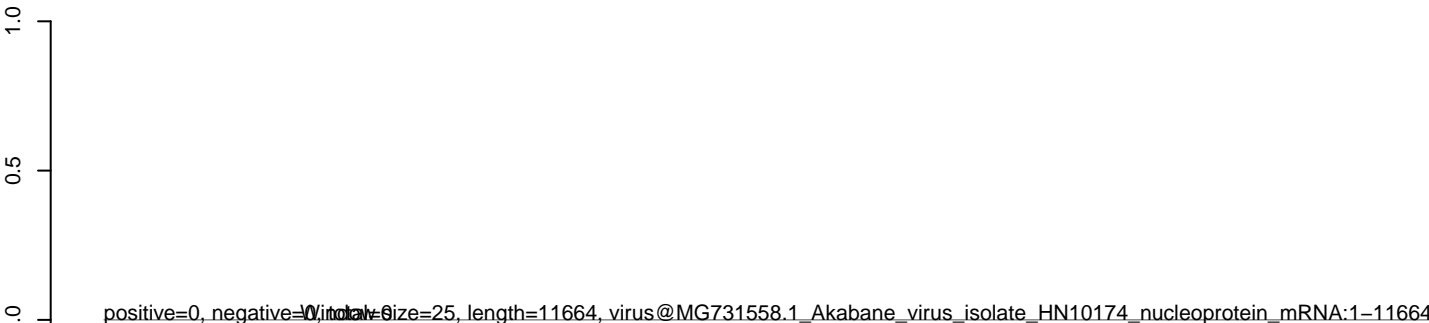
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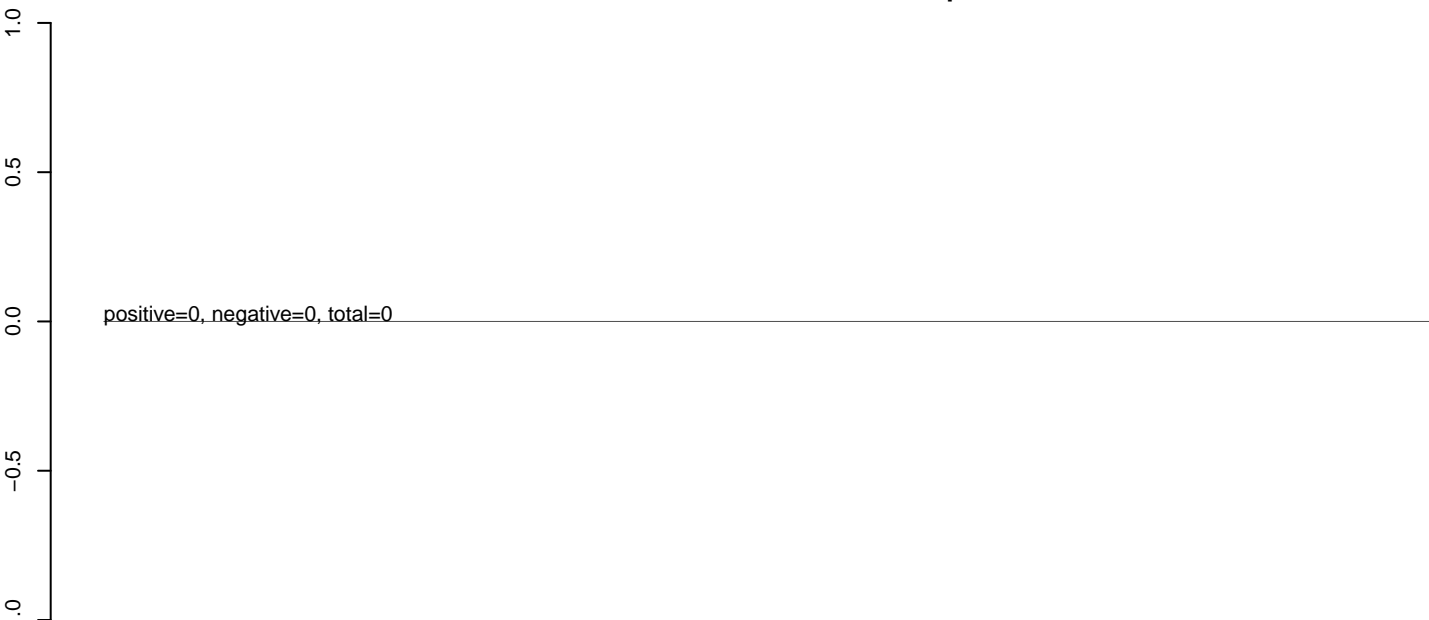
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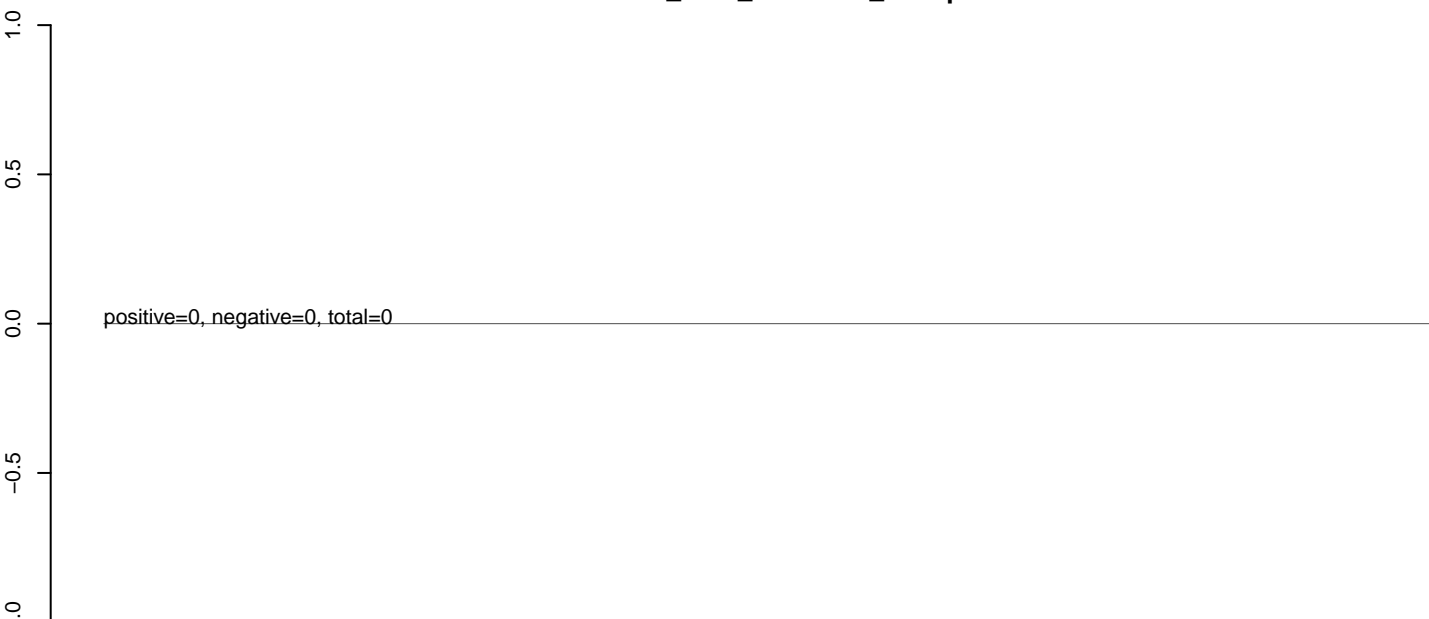
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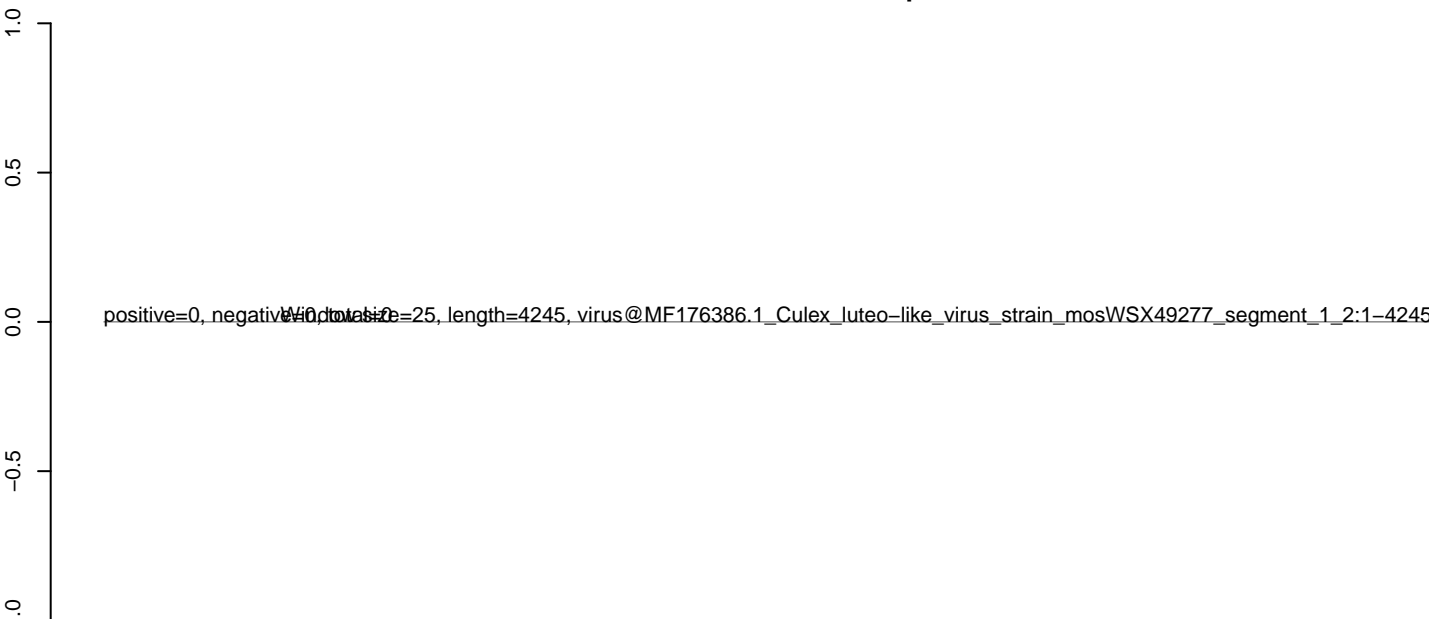
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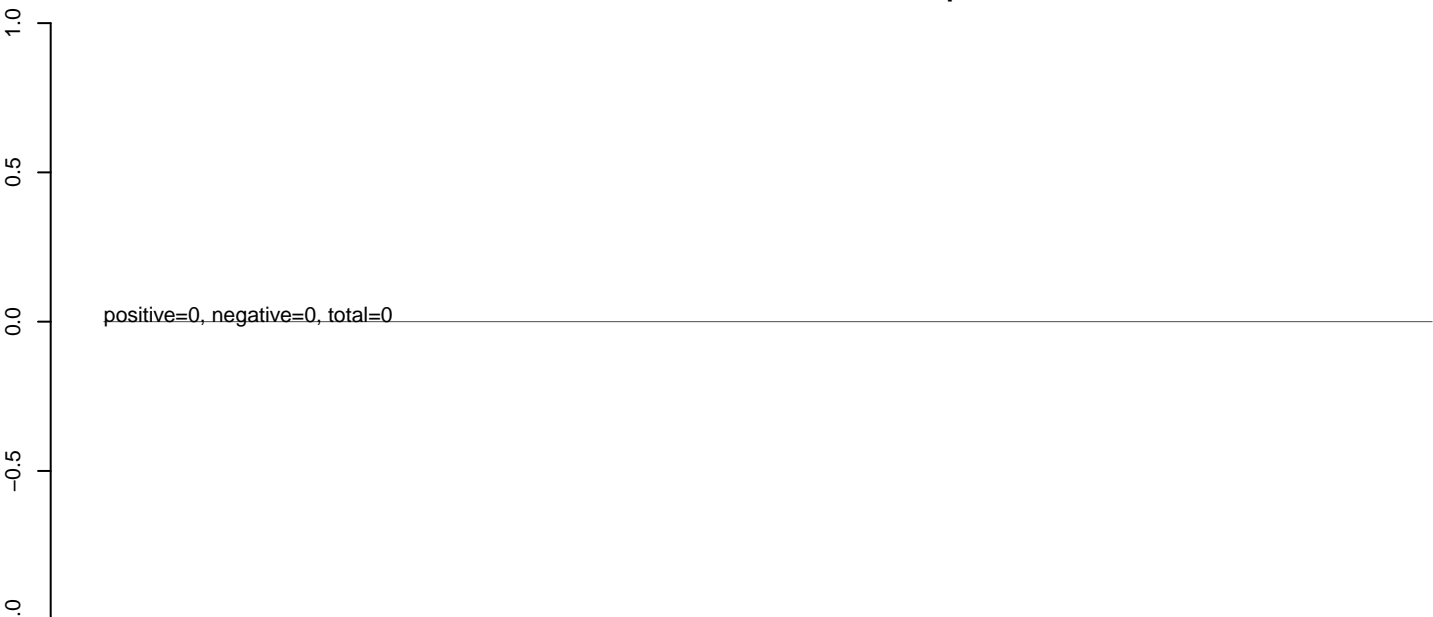
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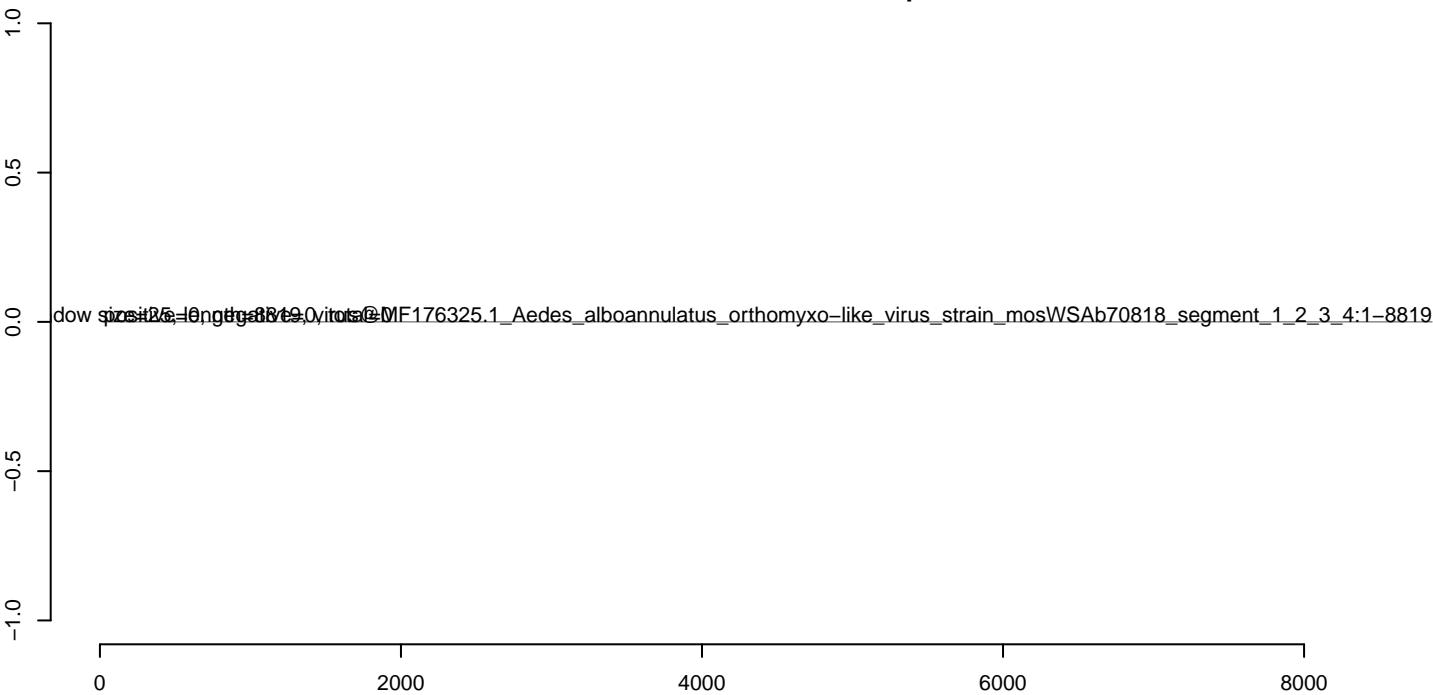
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**AeAlbo\_U4.4\_CHIKV.rep**



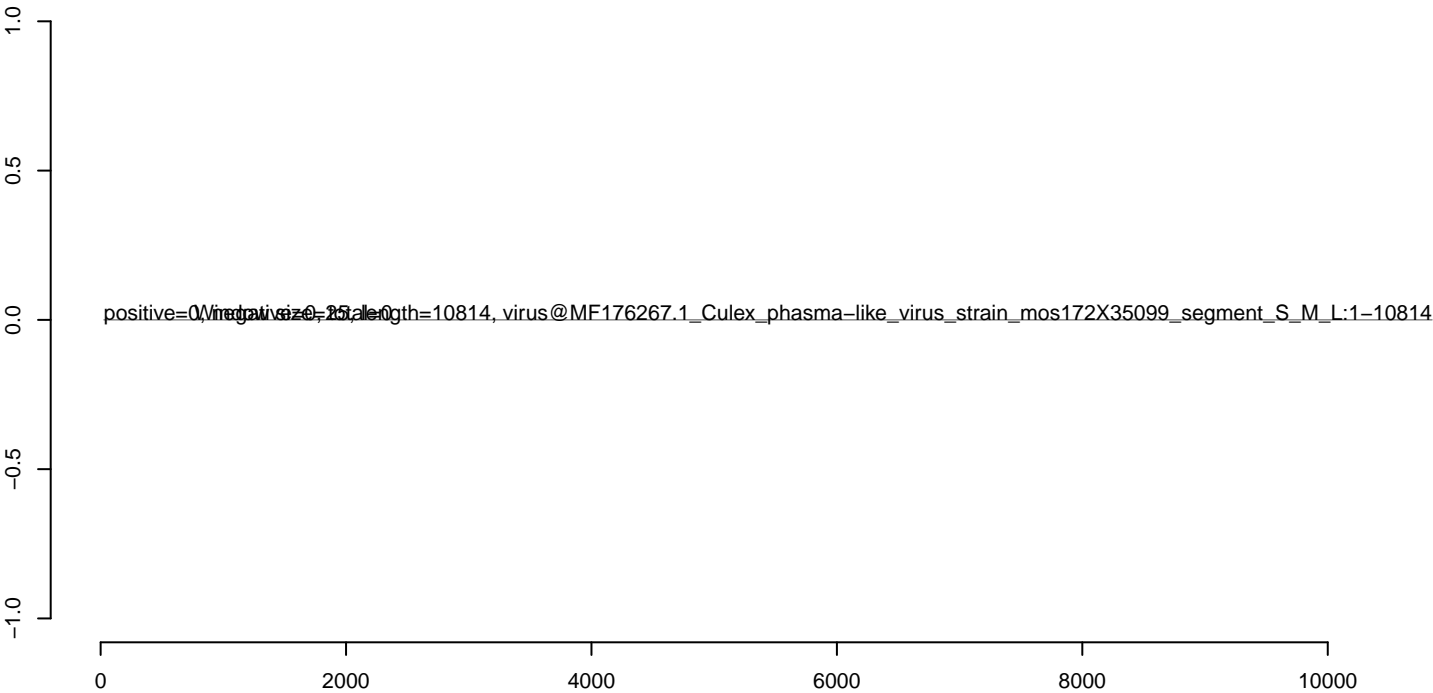
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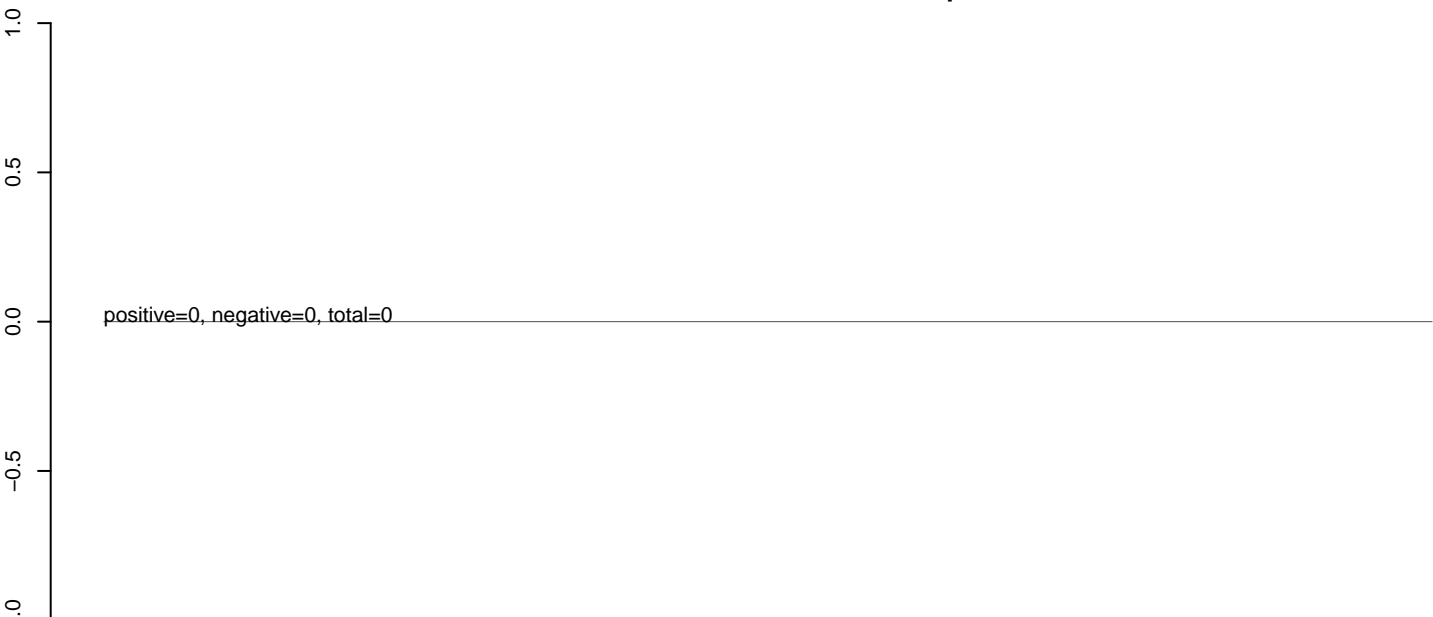
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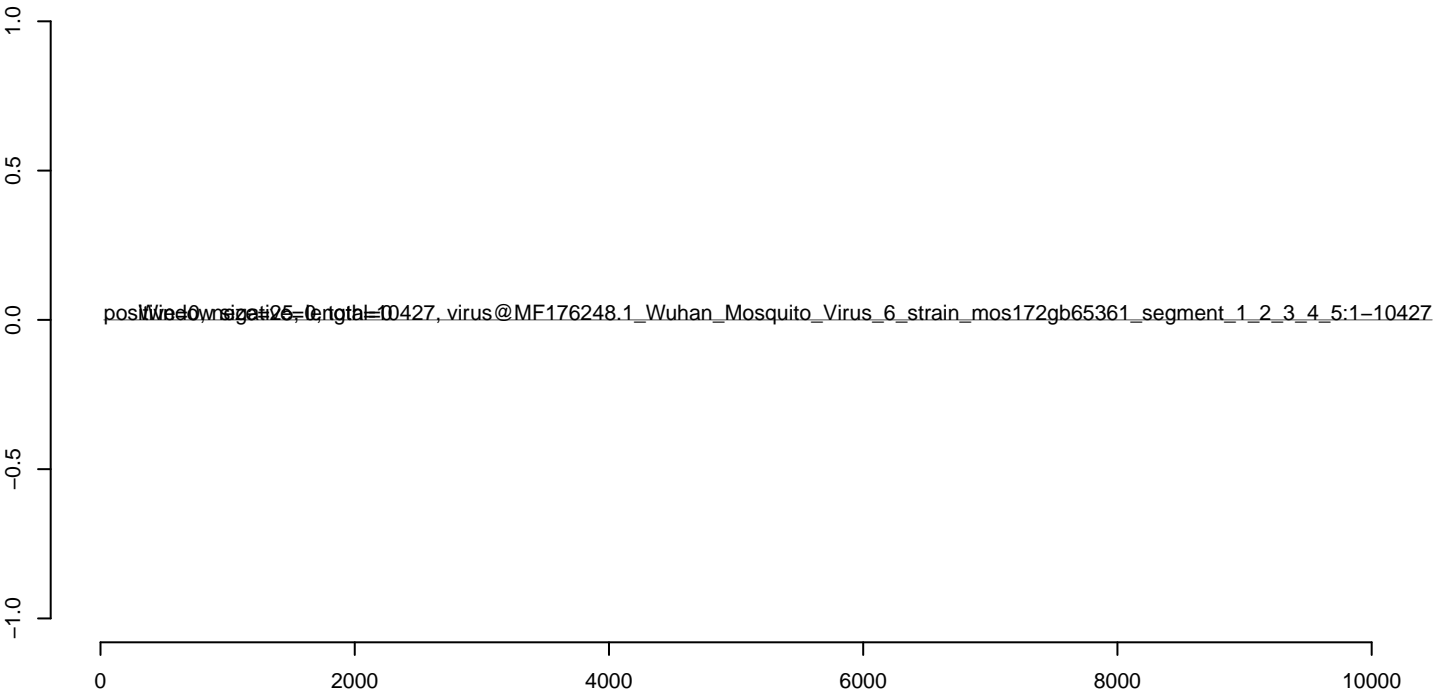
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



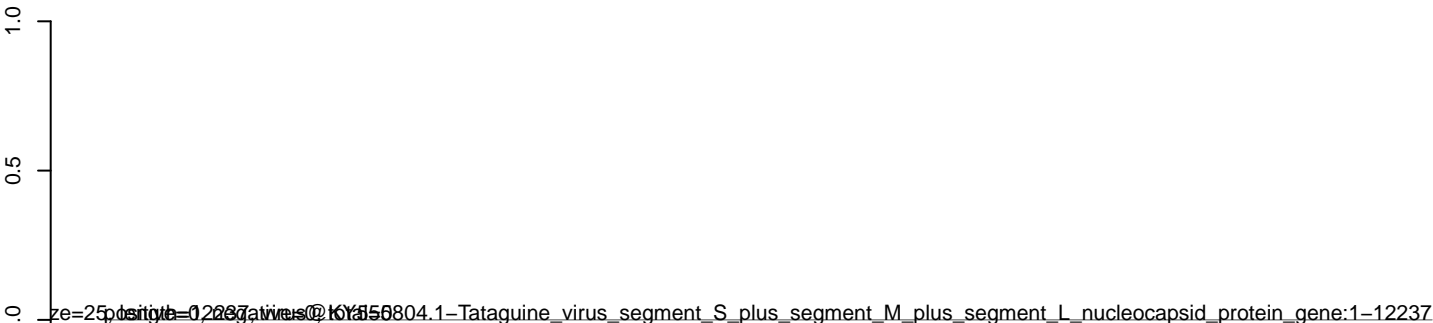
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**AeAlbo\_U4.4\_CHIKV.rep**



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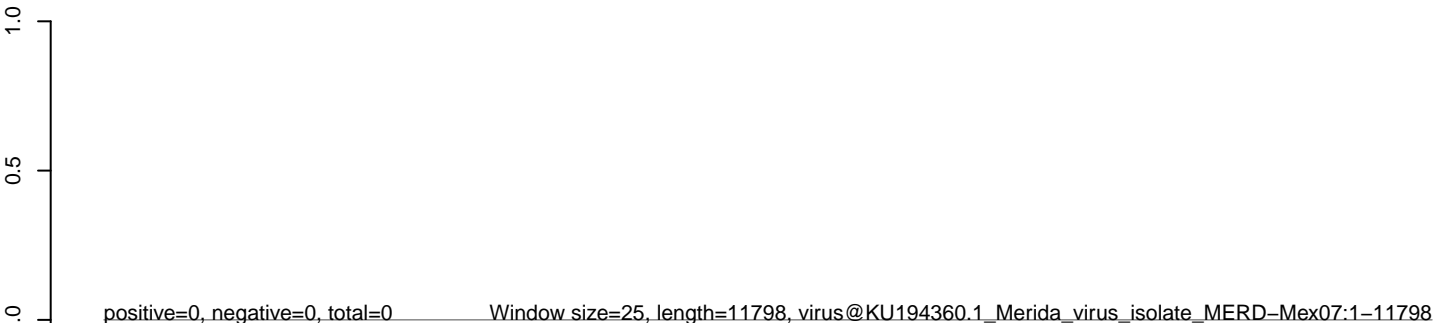
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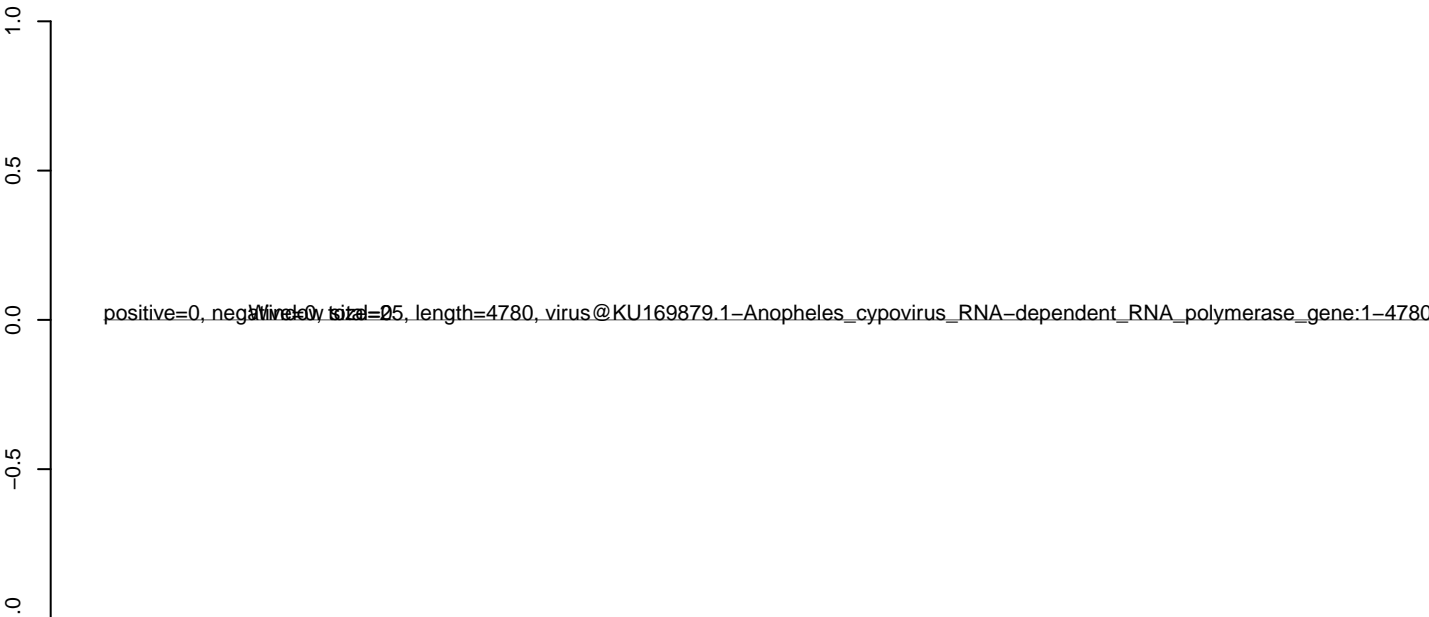
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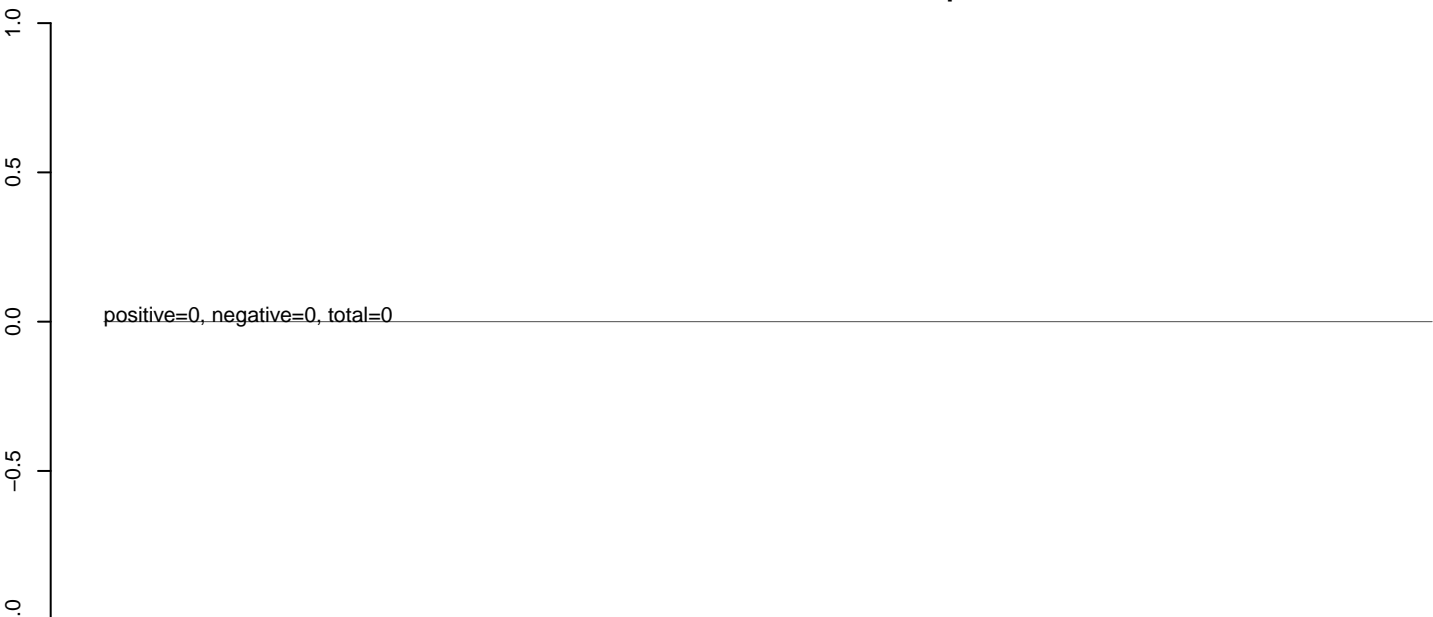




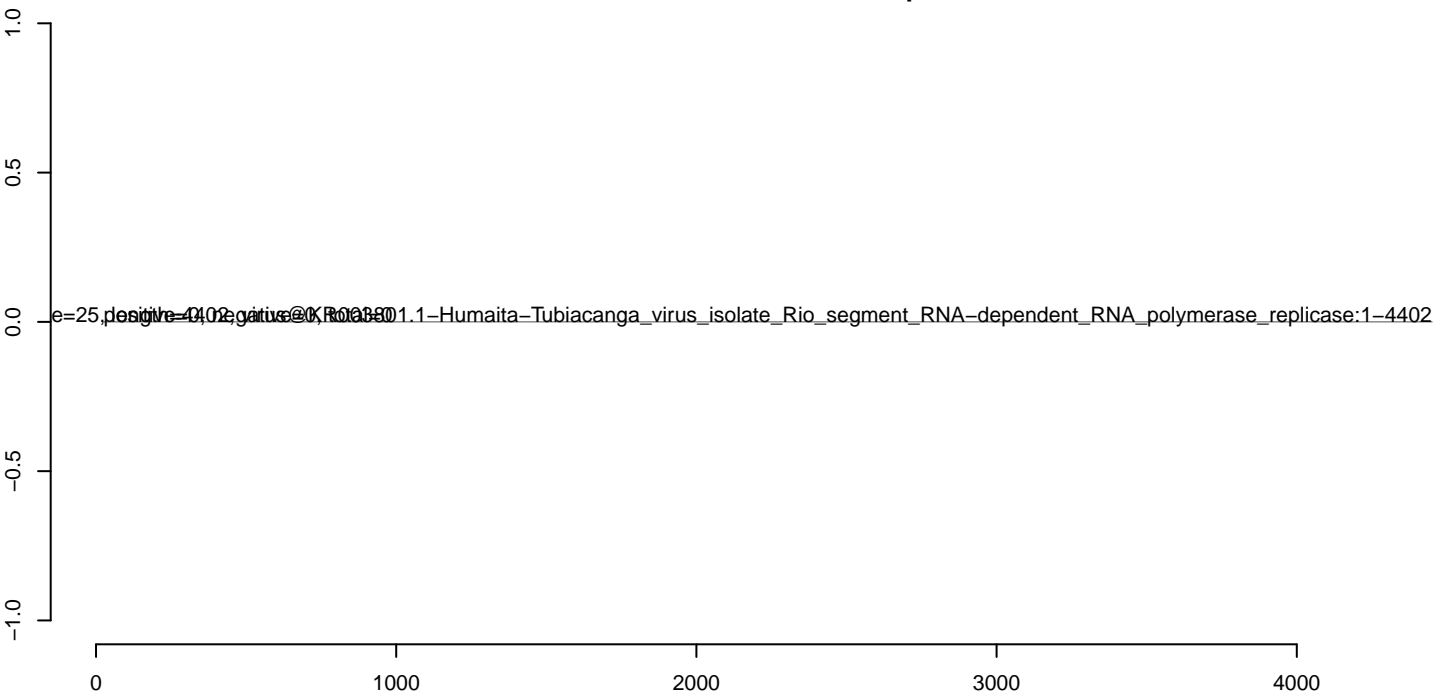
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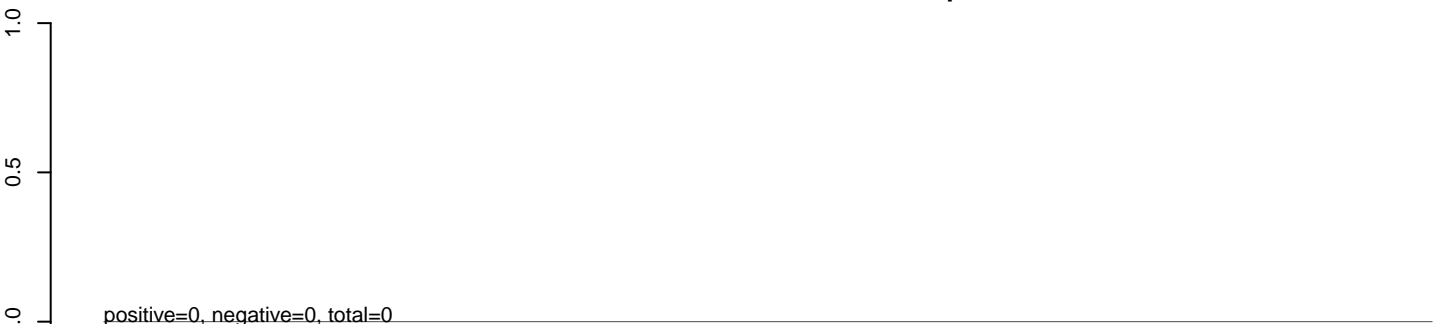
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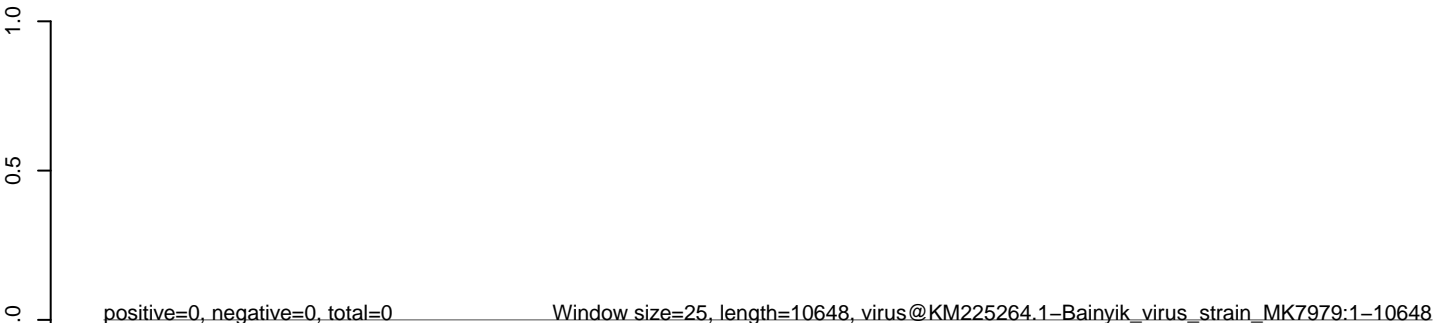
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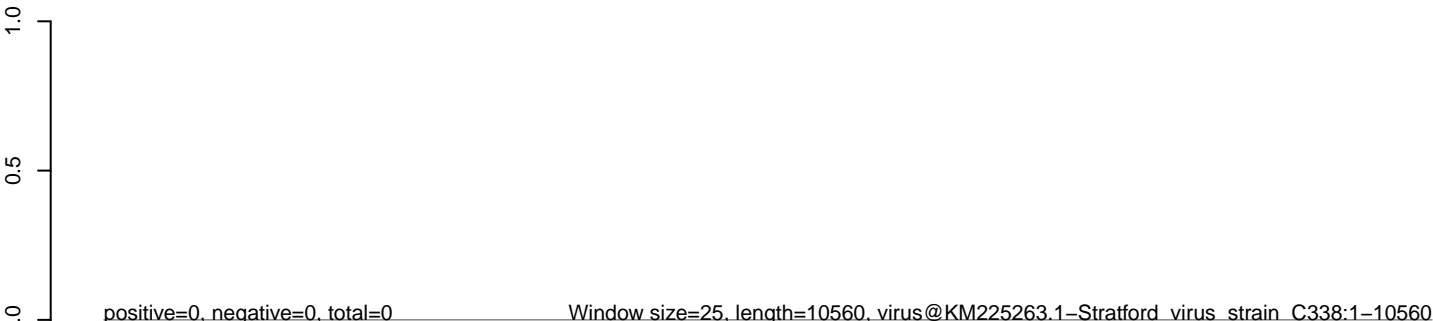
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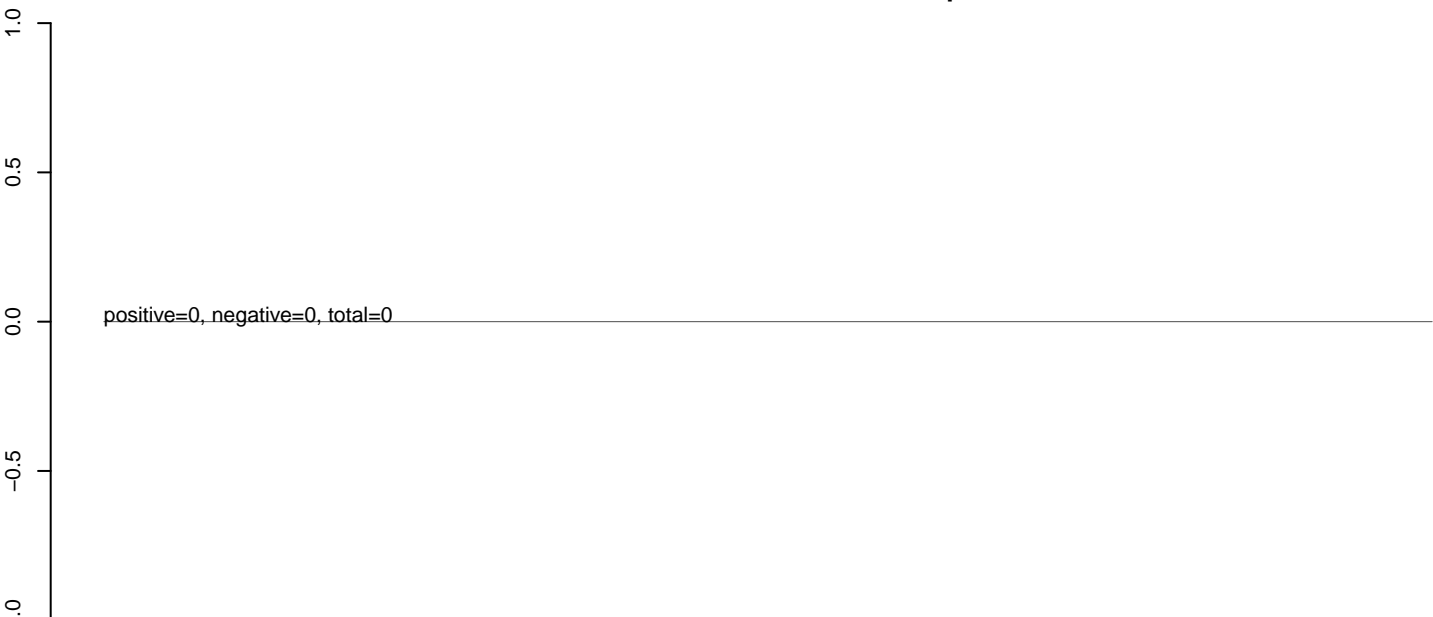


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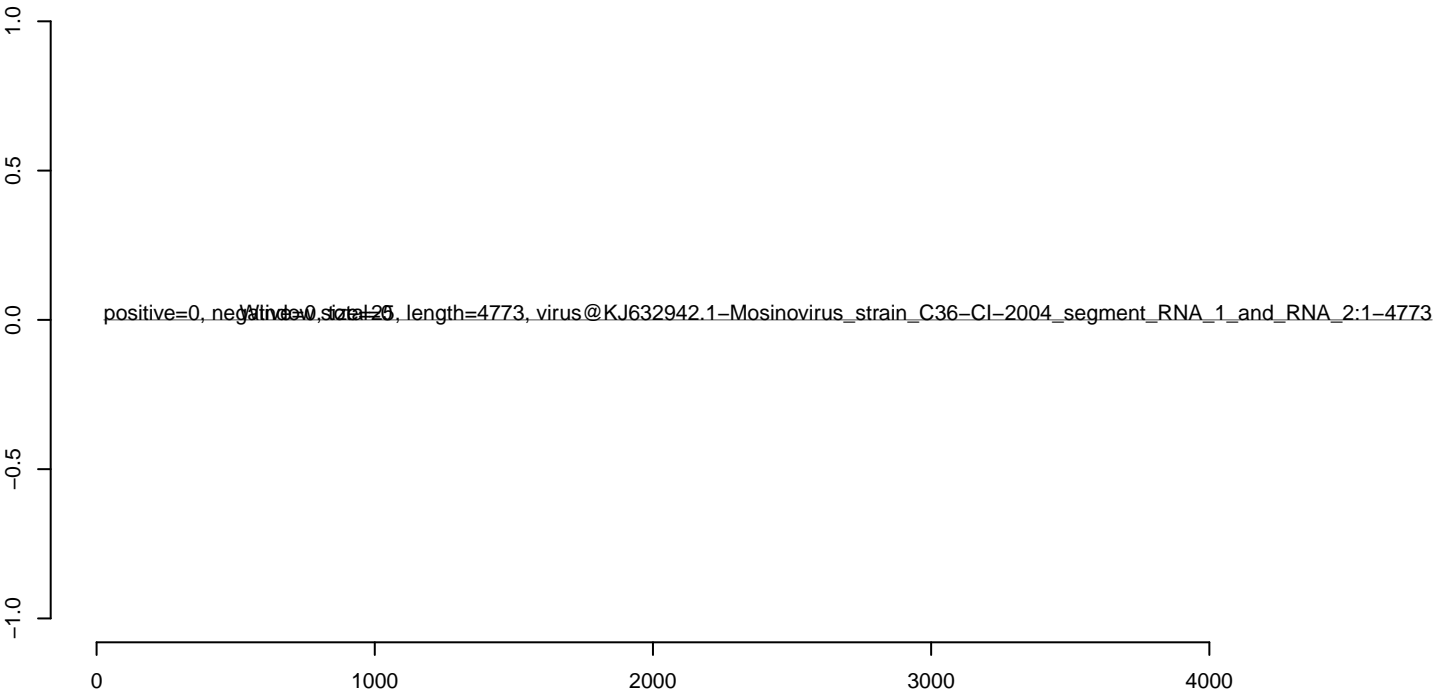
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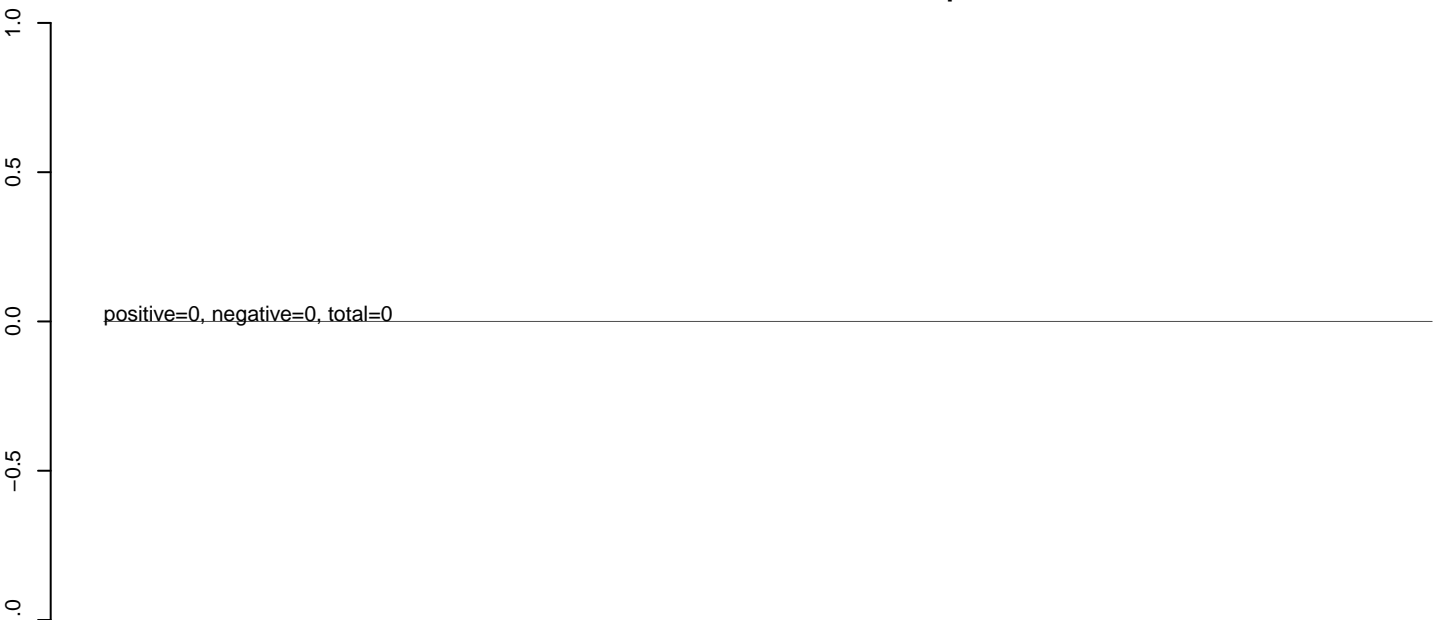
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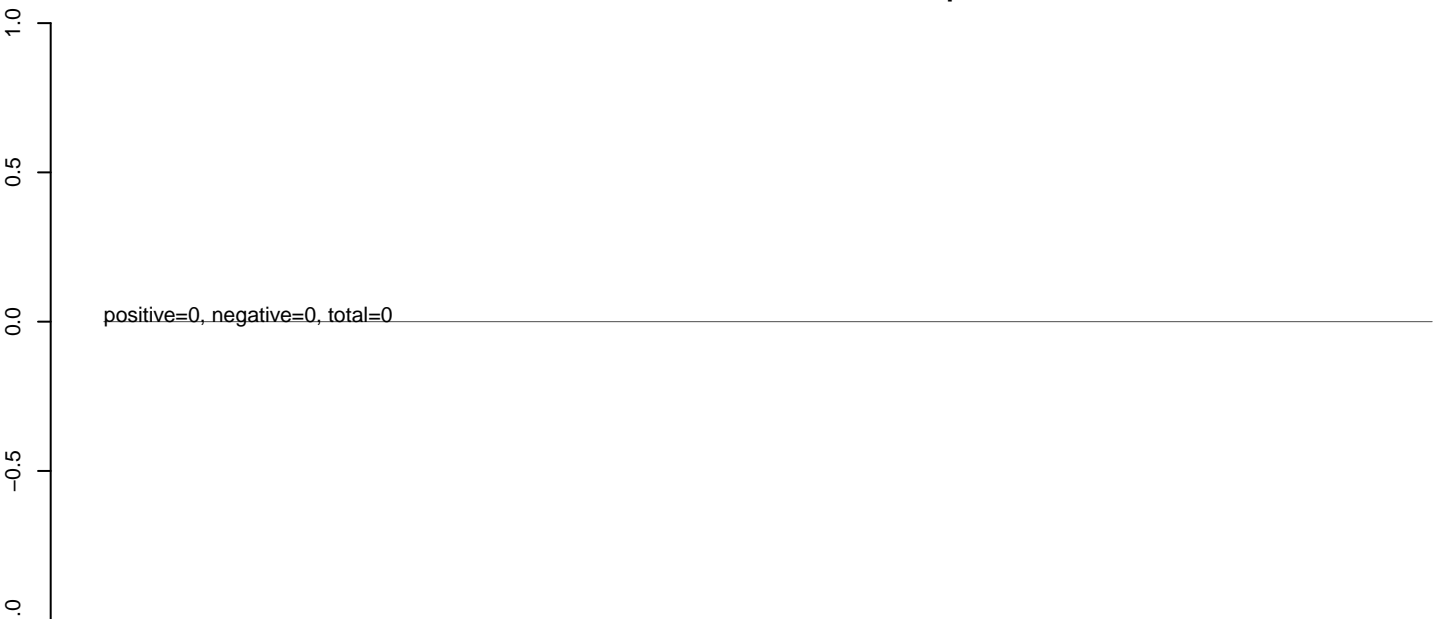
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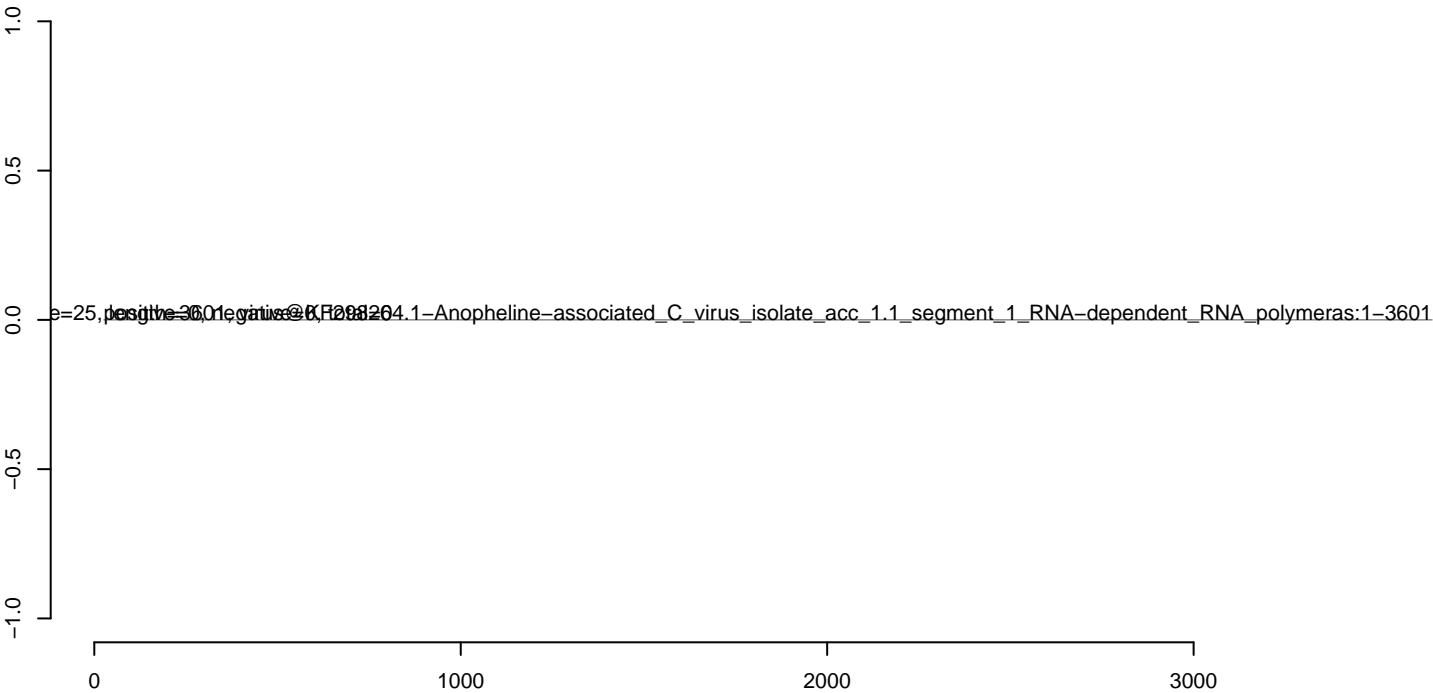
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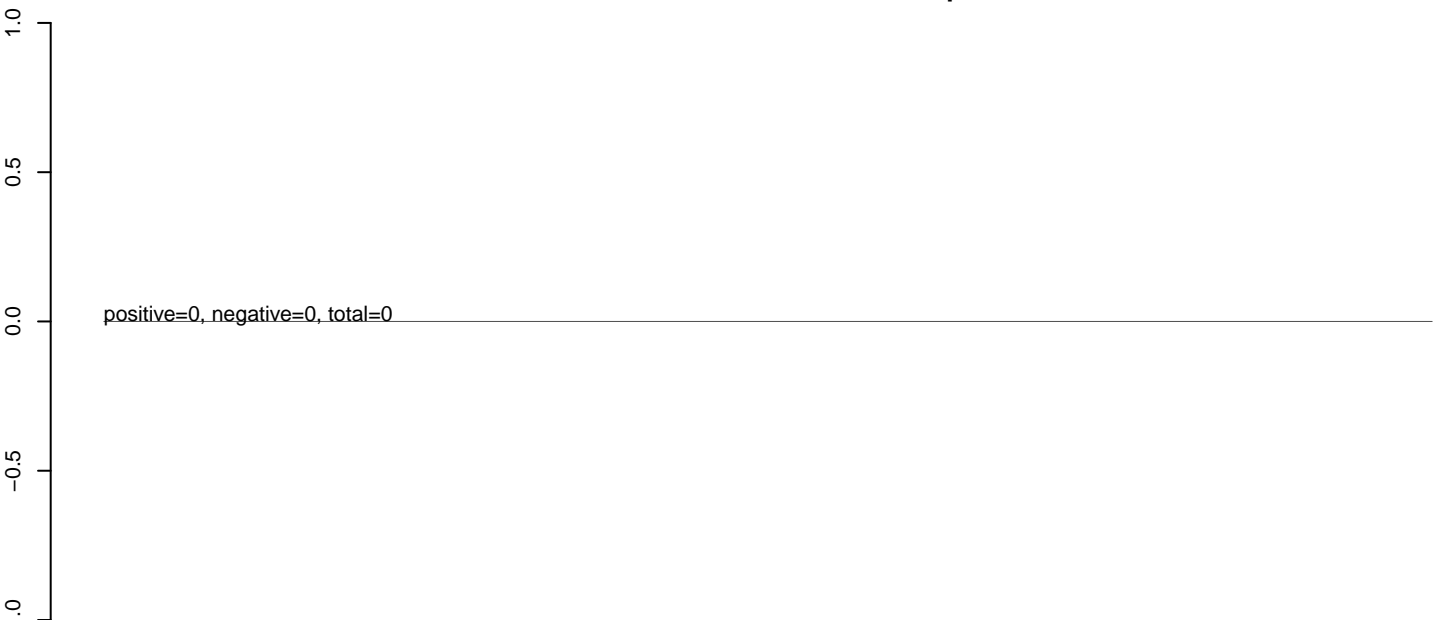
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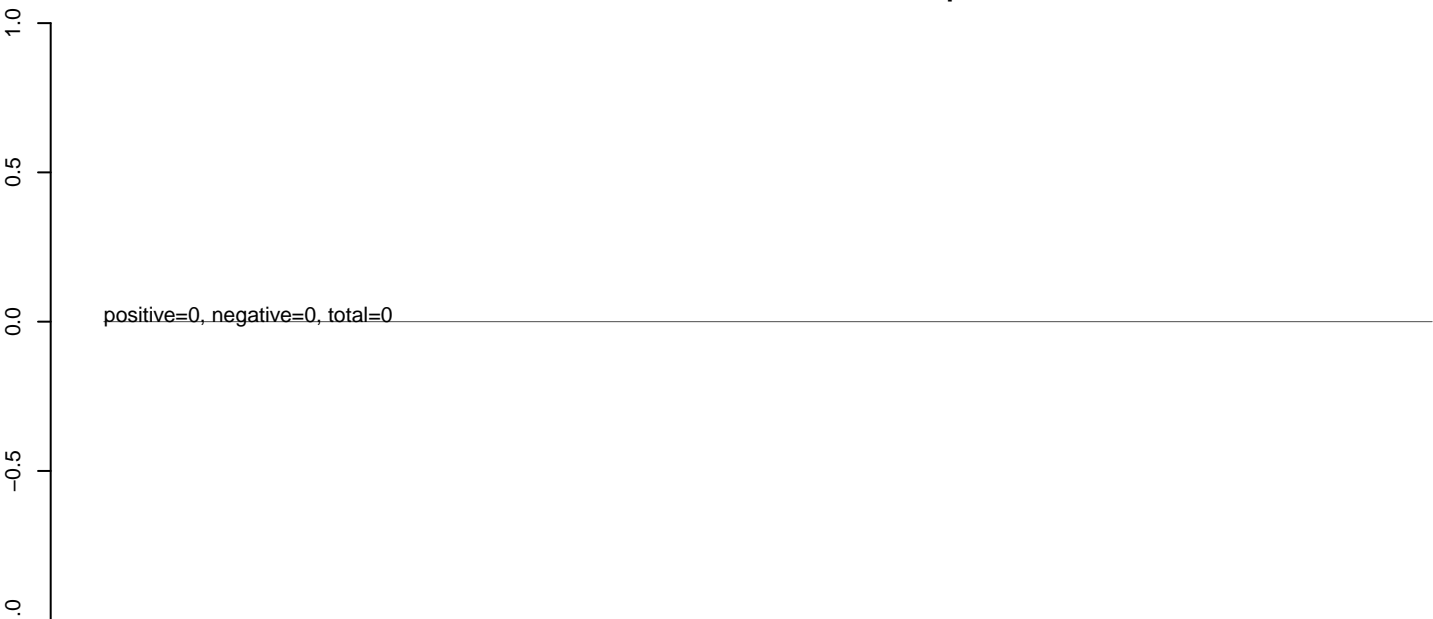
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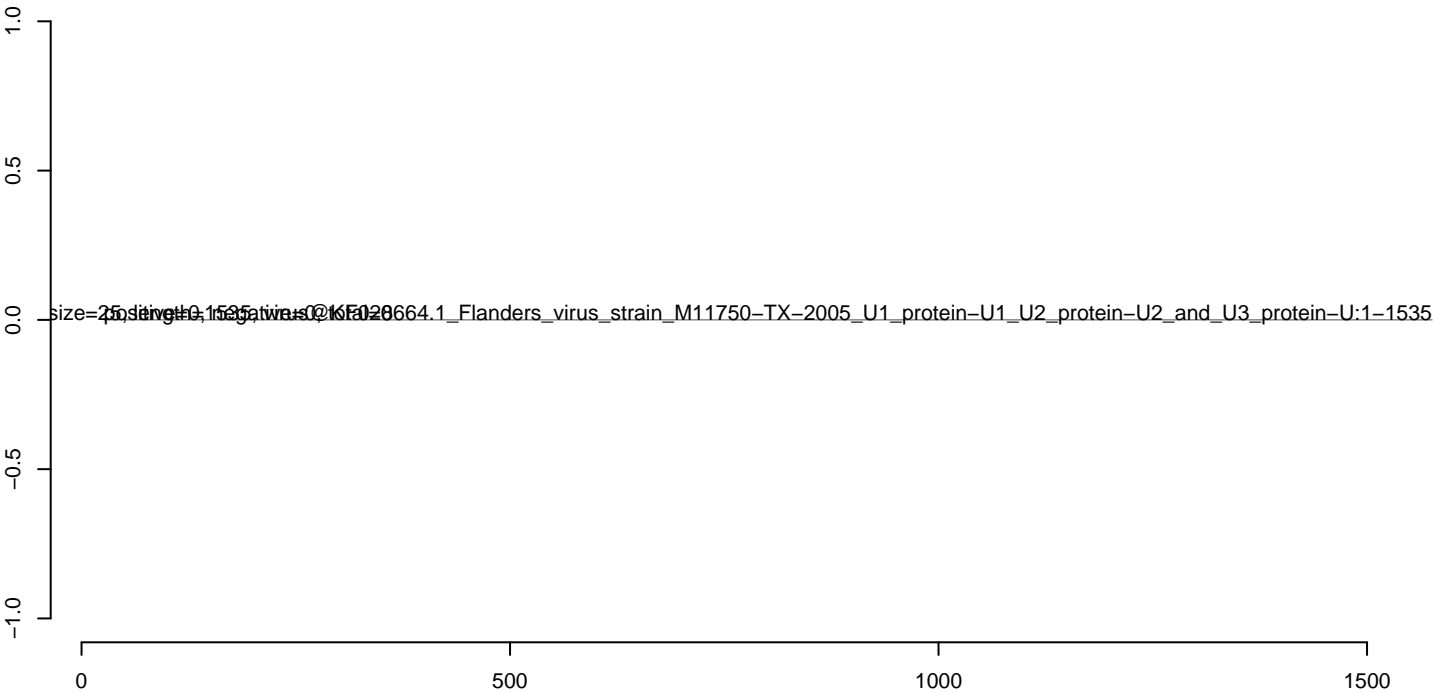
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**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



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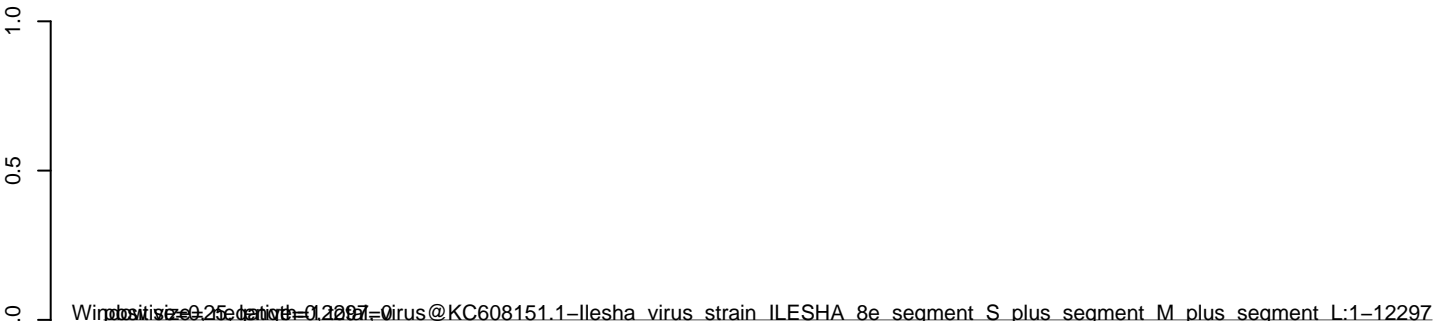
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**



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**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



**AeAlbo\_U4.4\_CHIKV.rep**





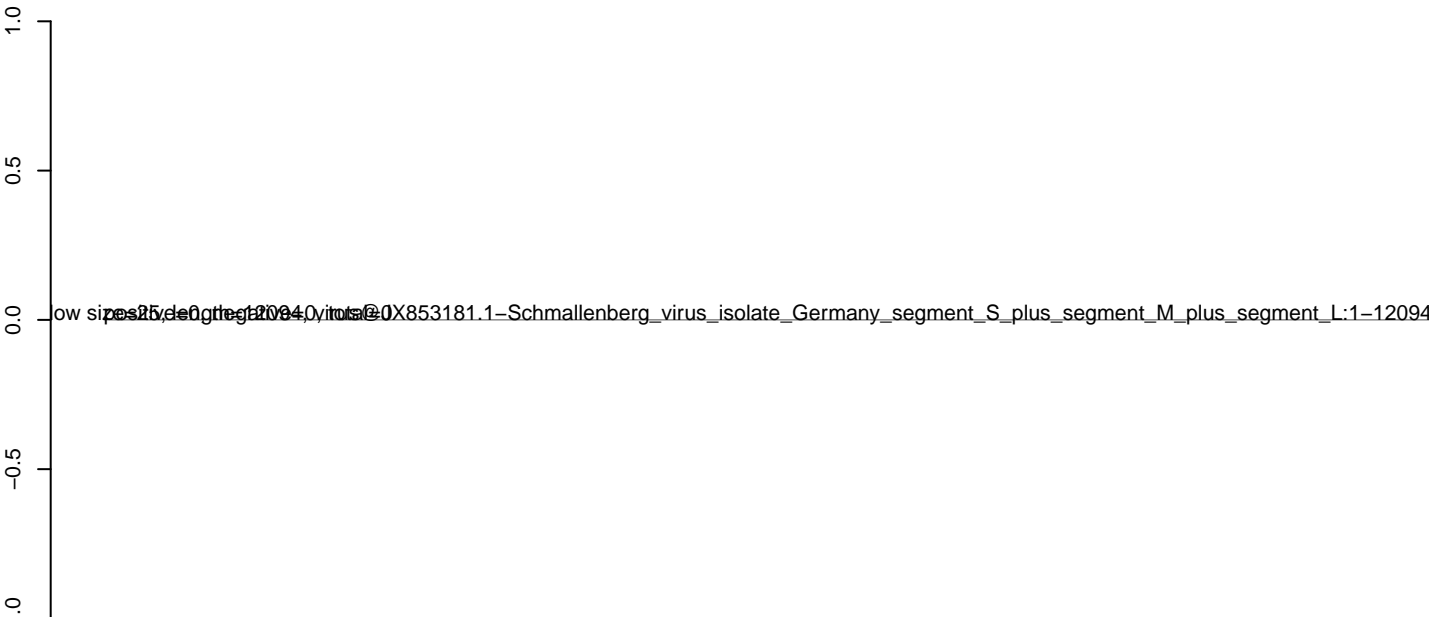
**AeAlbo\_U4.4\_CHIKV.18\_23.rep**



**AeAlbo\_U4.4\_CHIKV.24\_35.rep**



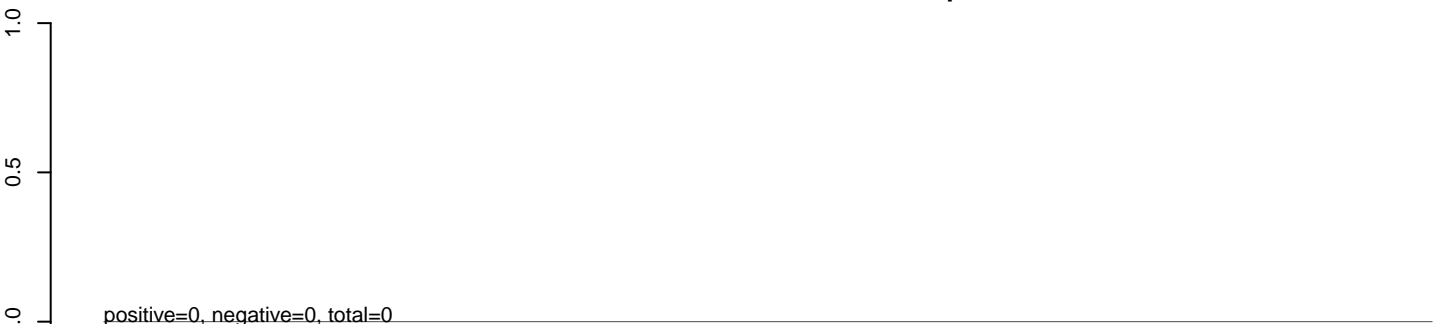
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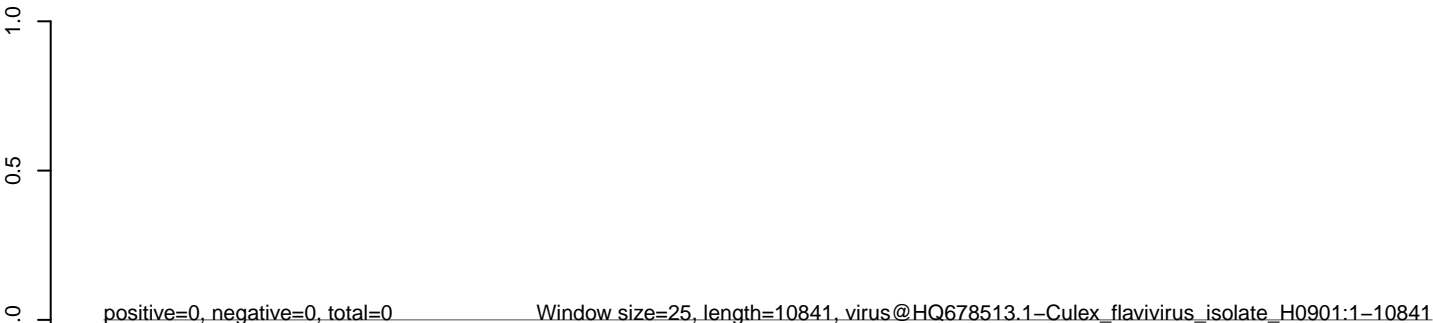
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**AeAlbo\_U4.4\_CHIKV.rep**

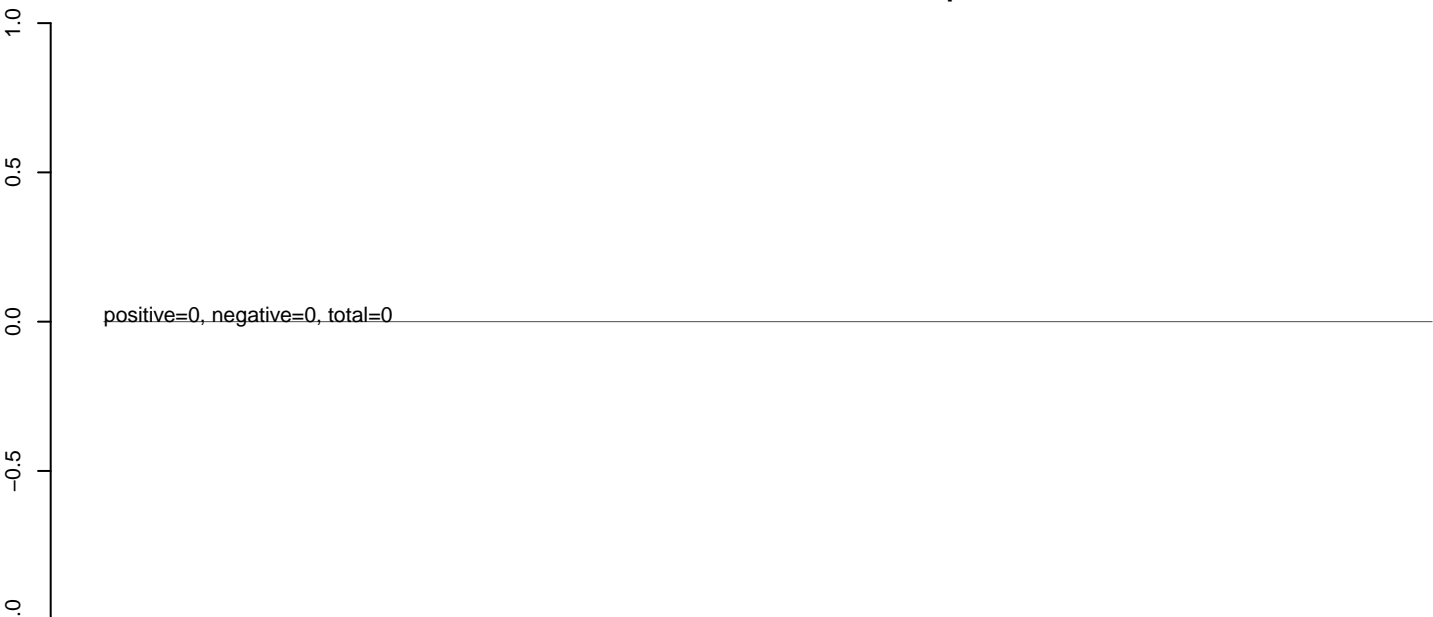


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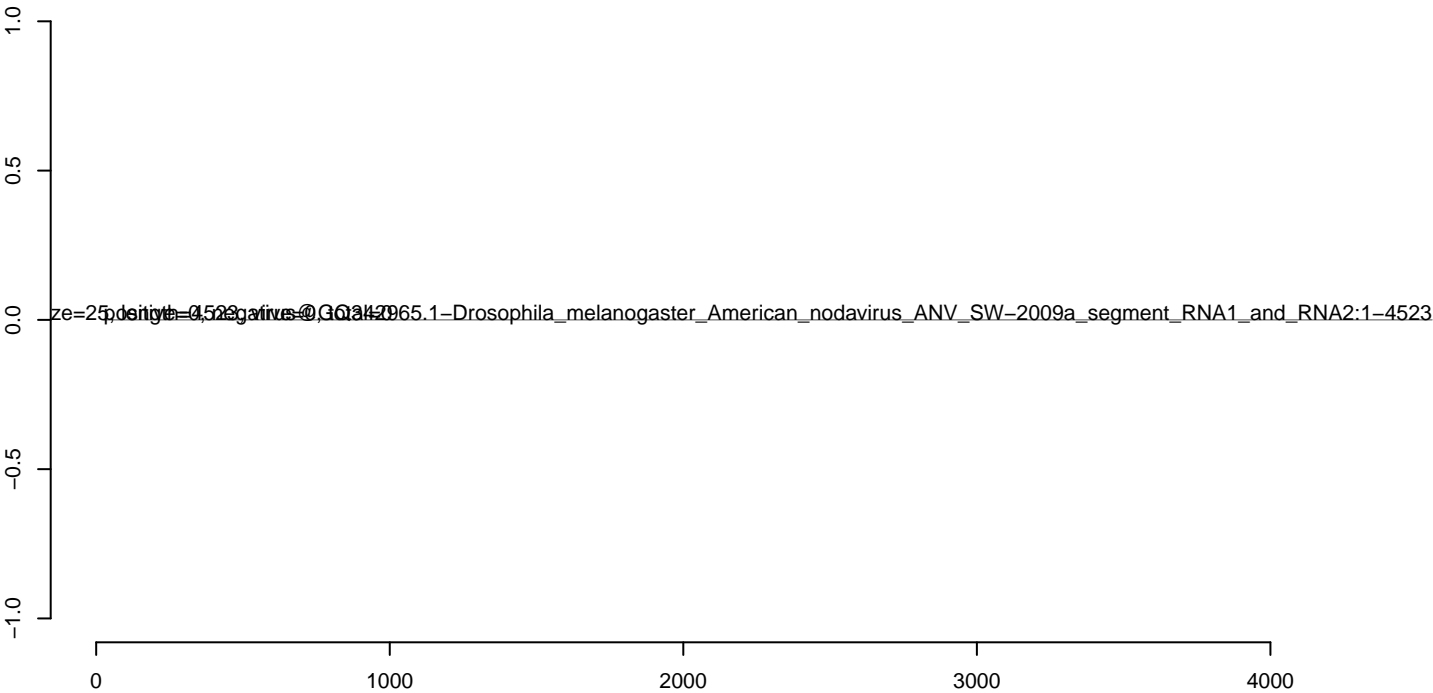
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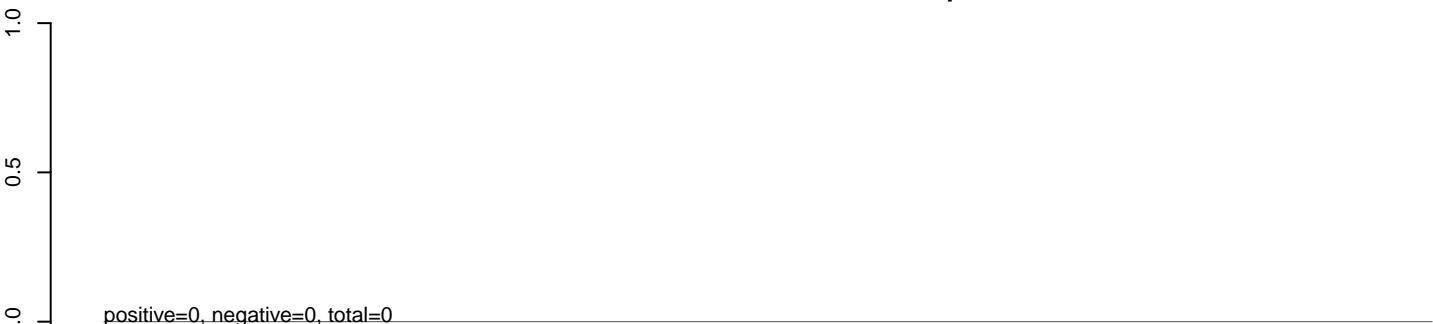
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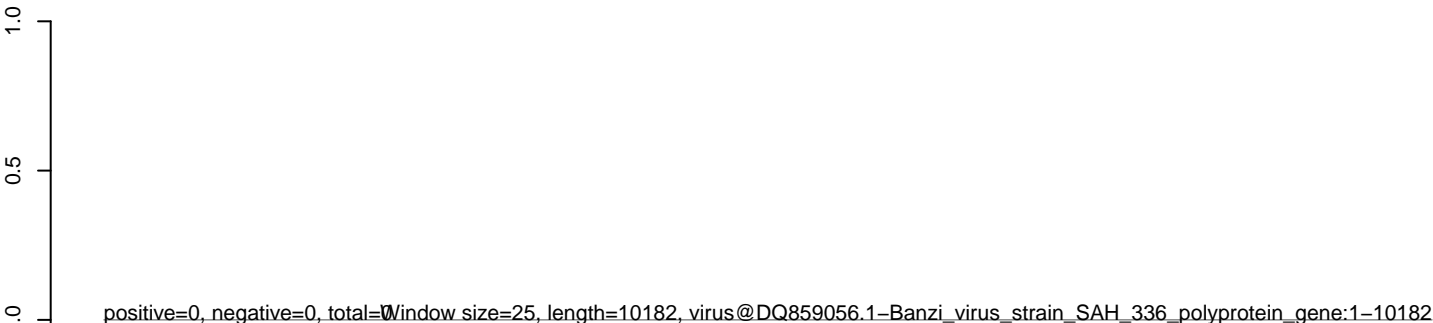
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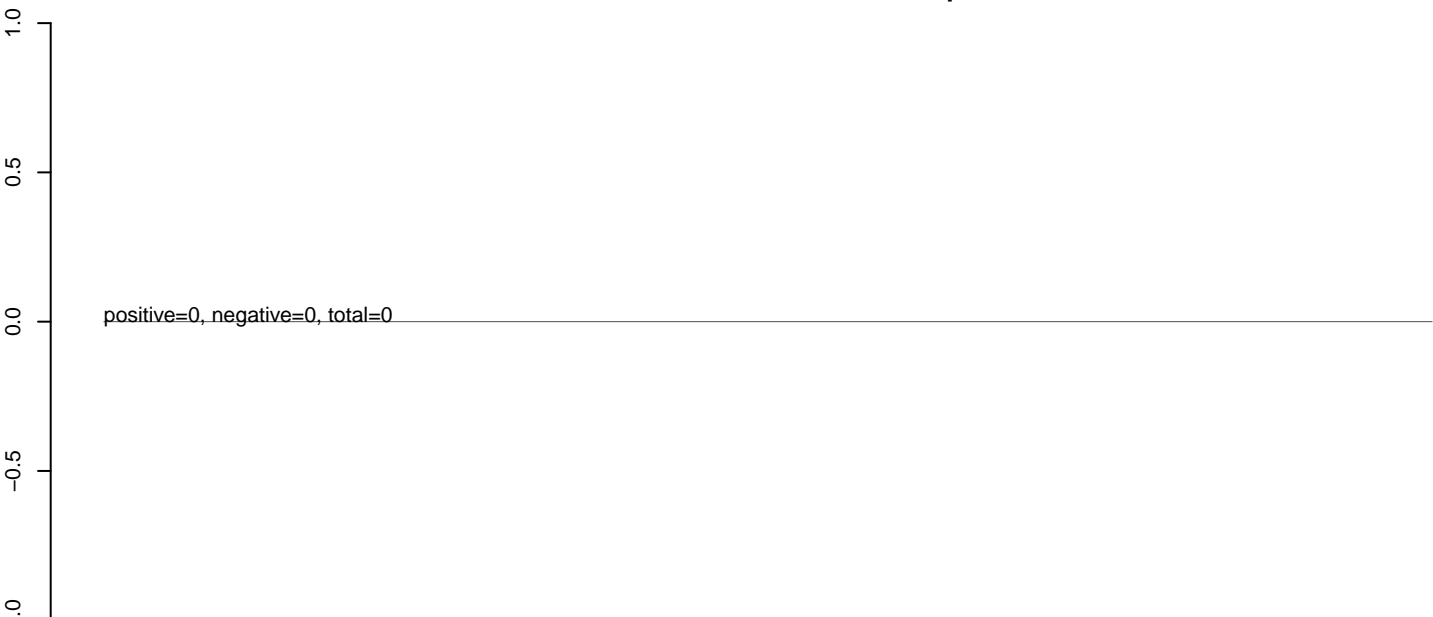
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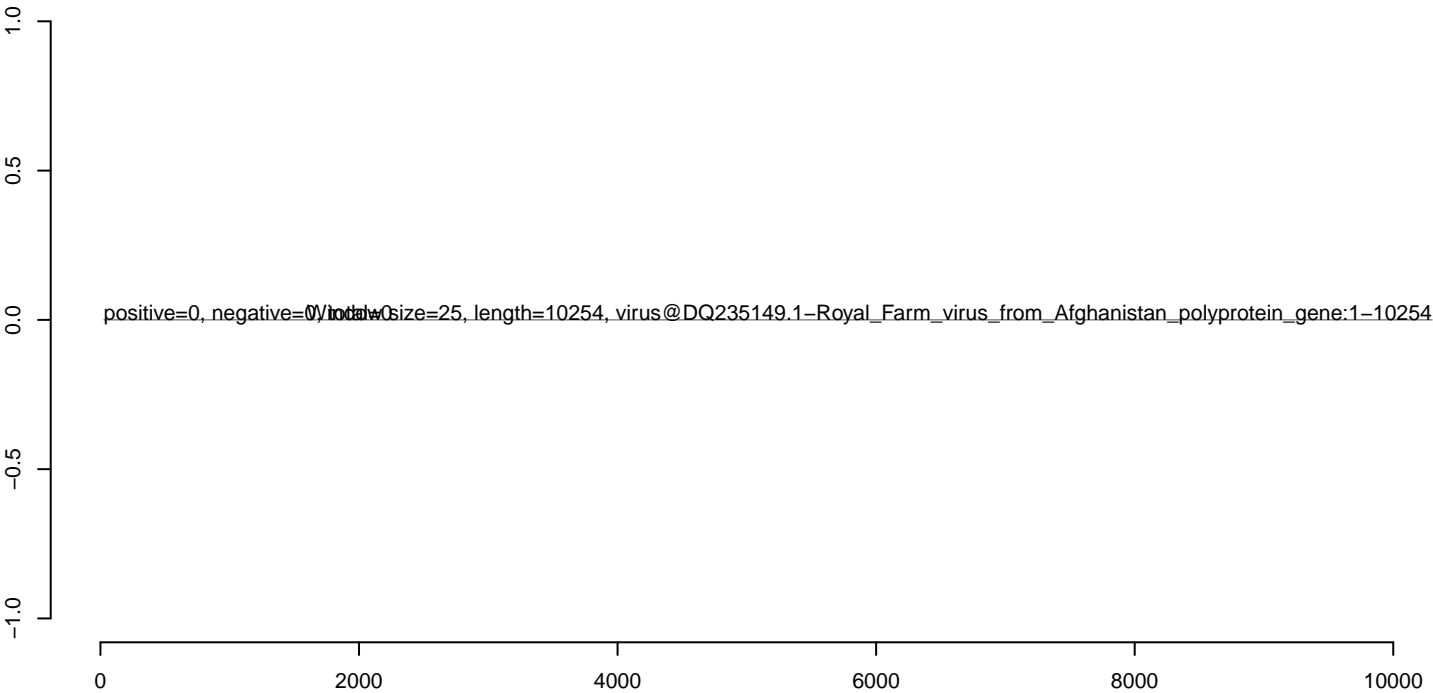
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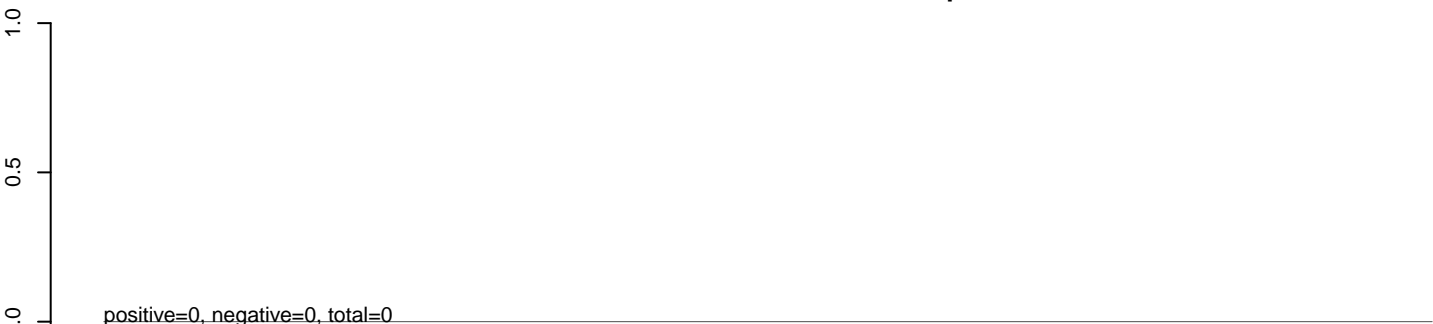
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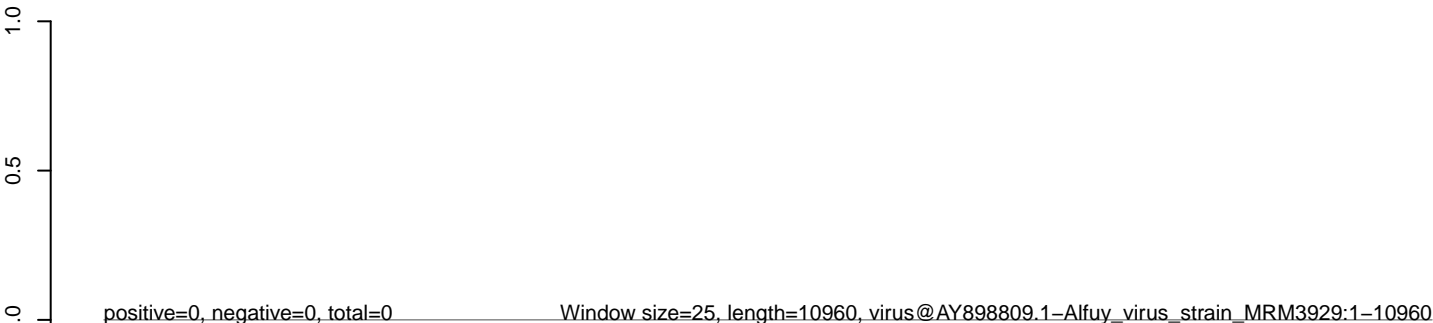
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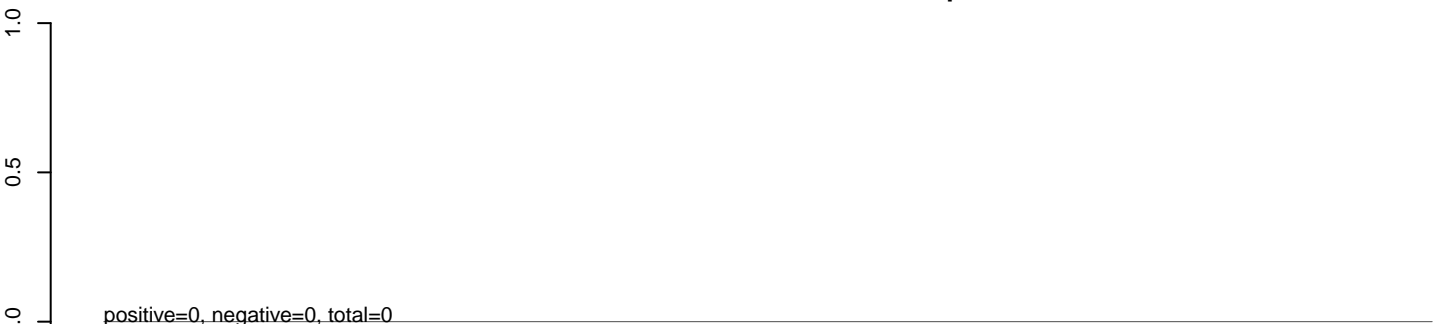
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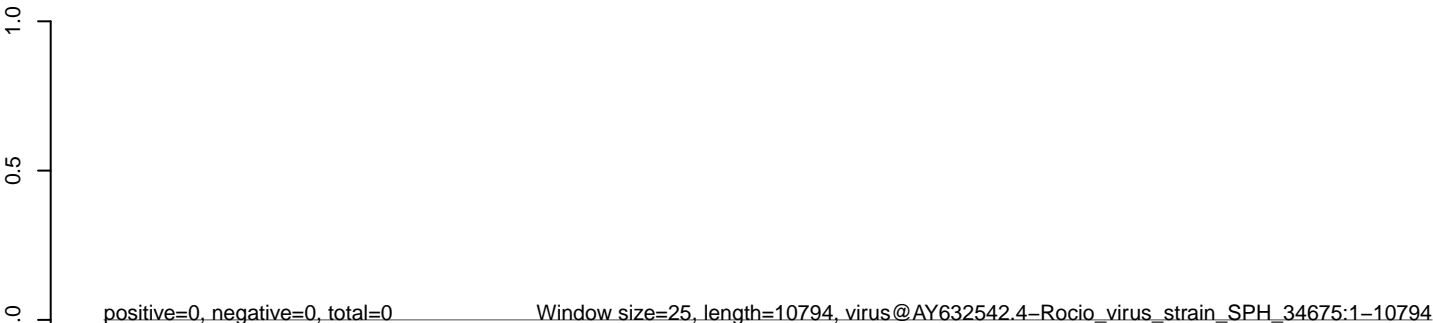
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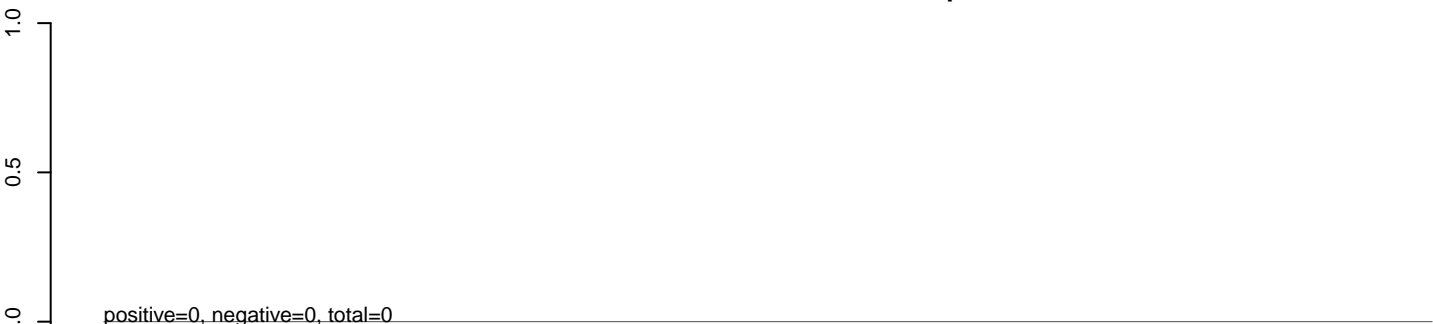
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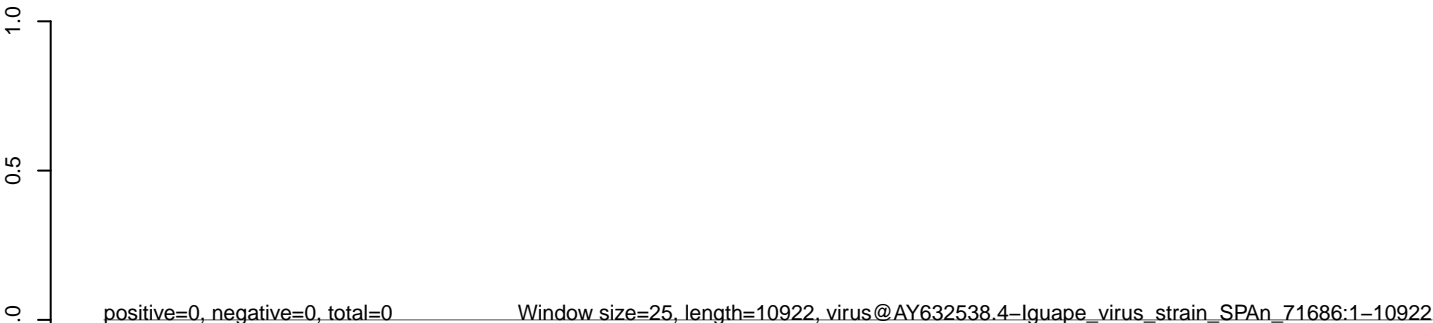
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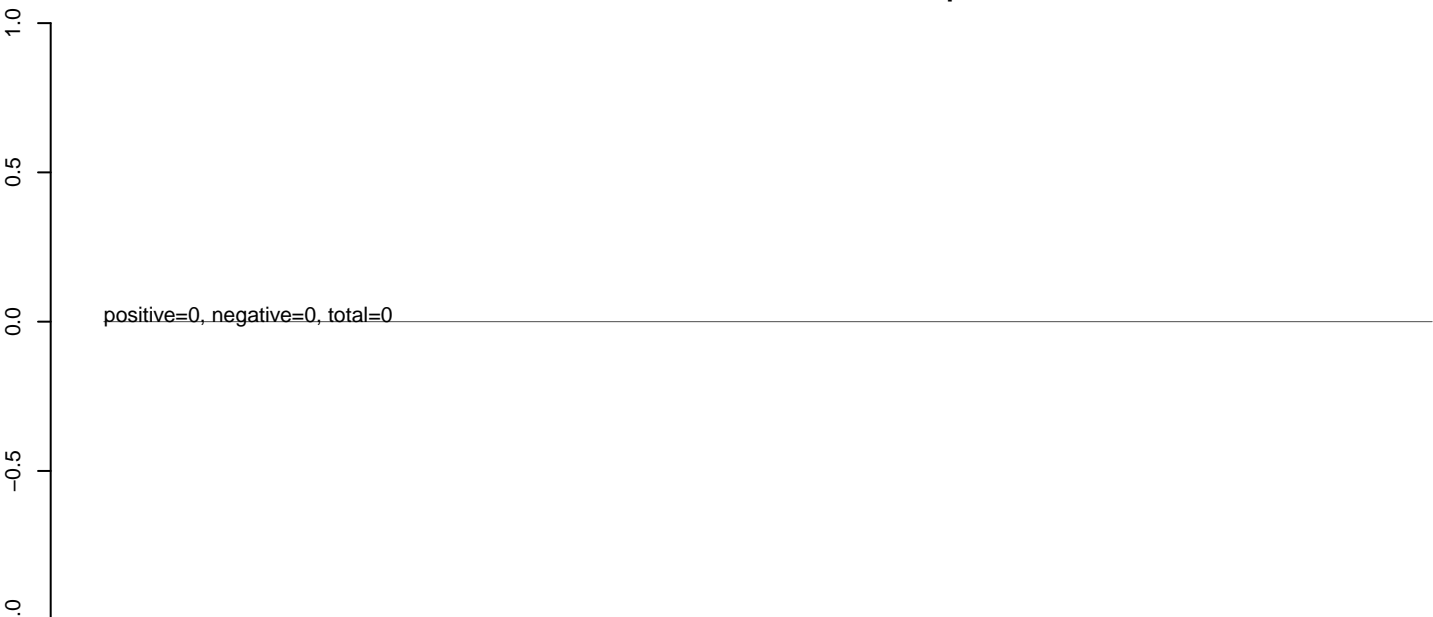




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