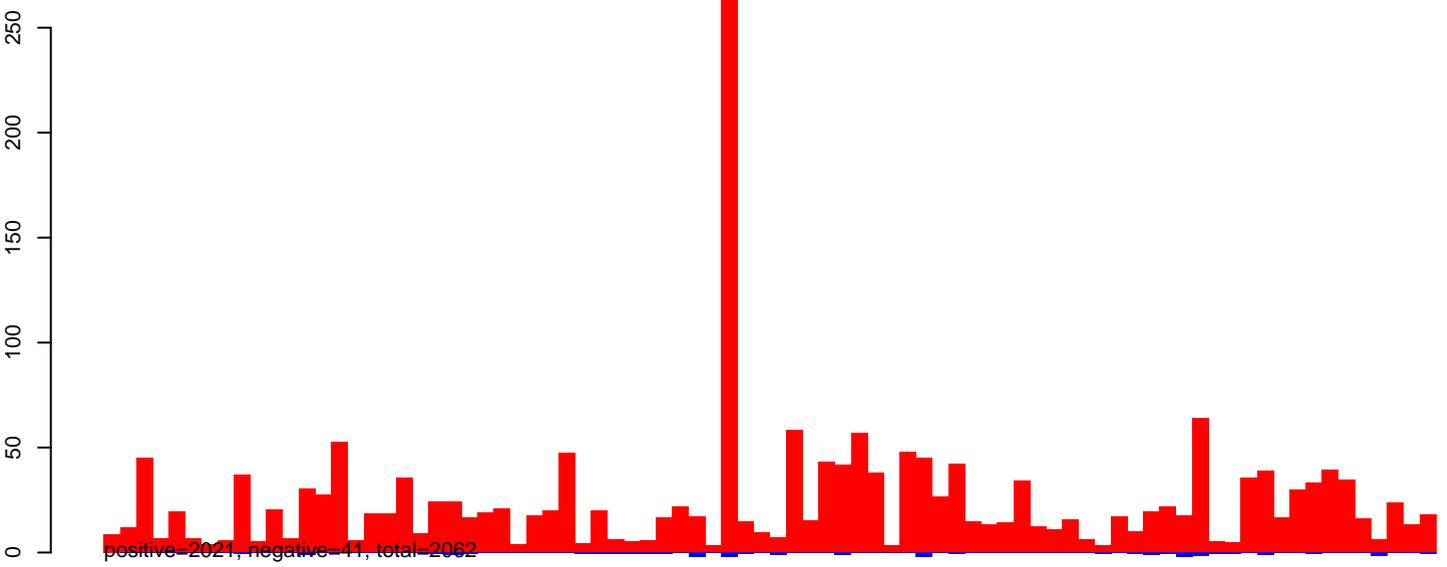
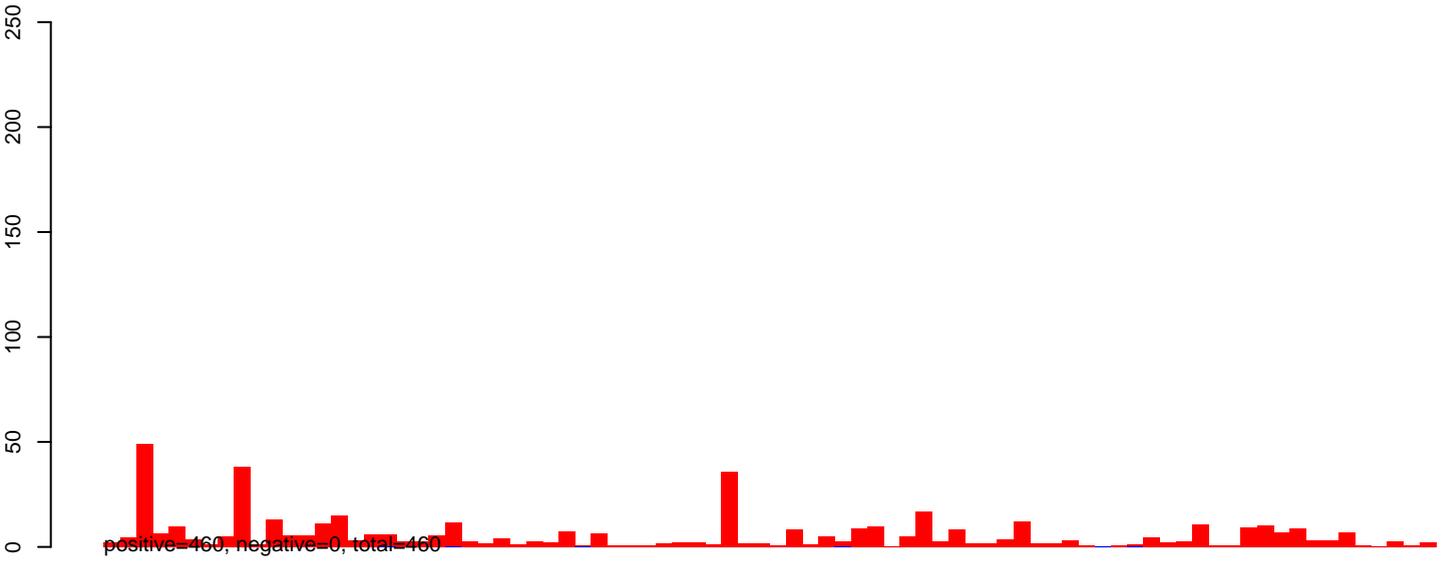


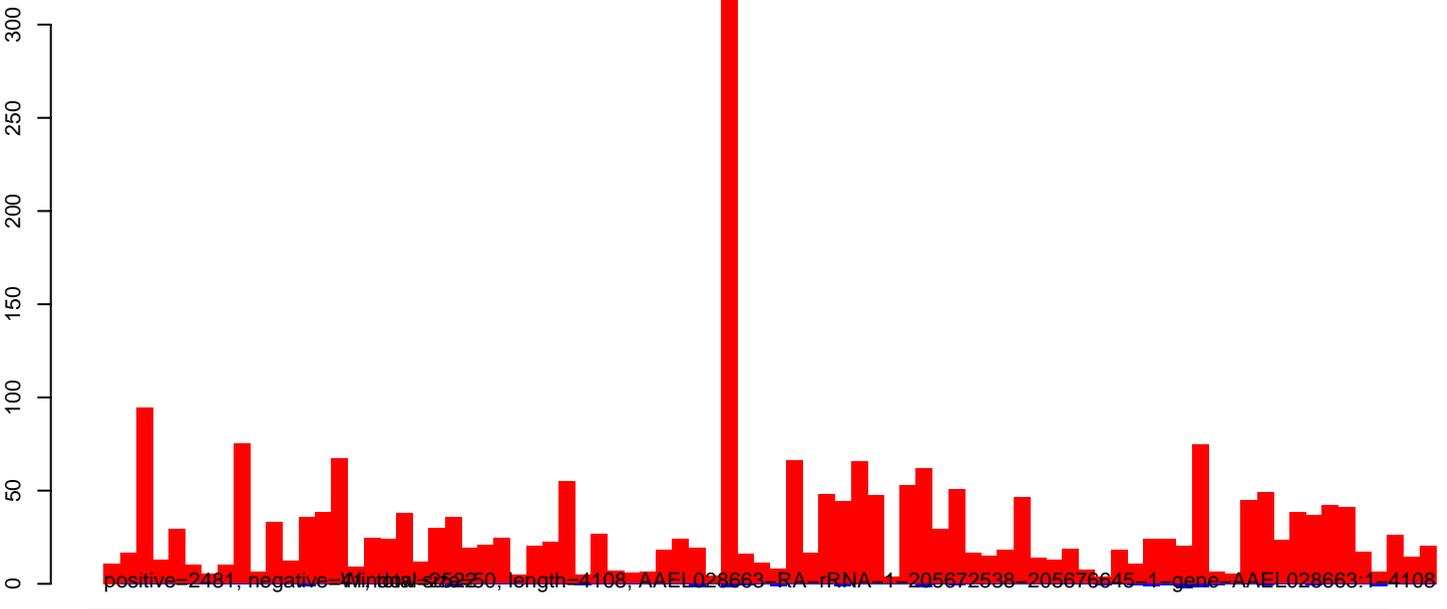
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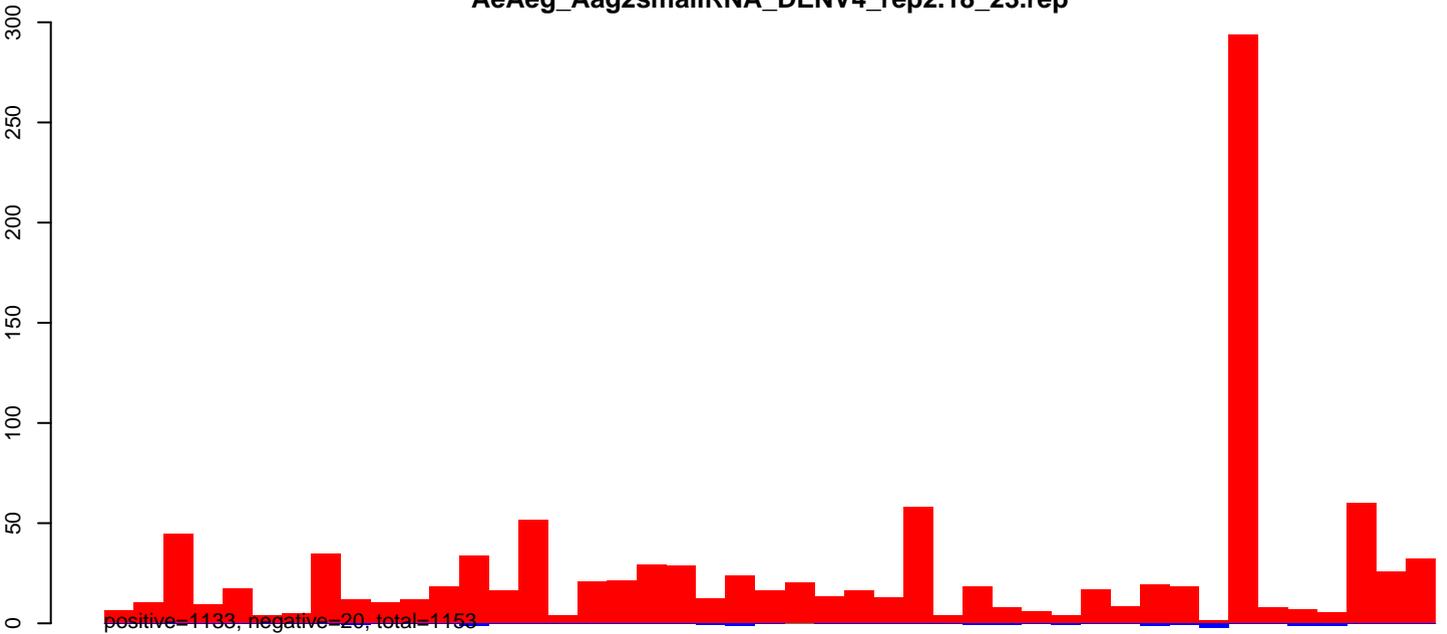
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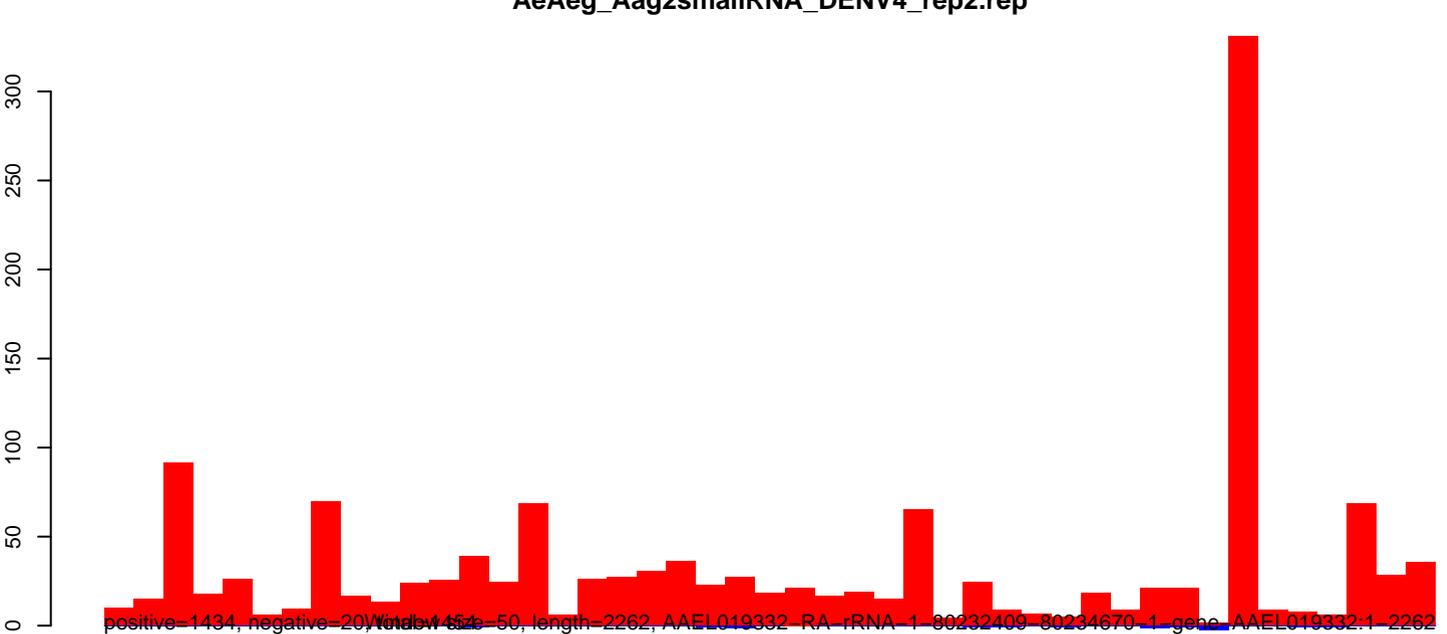
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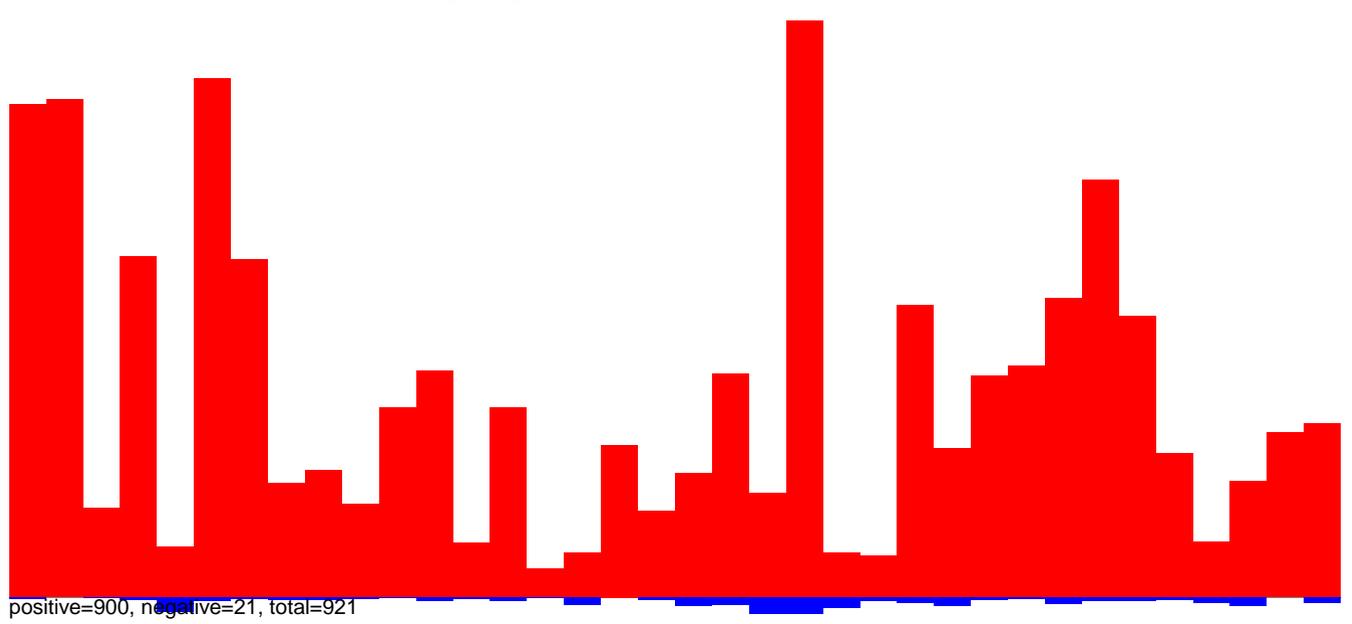
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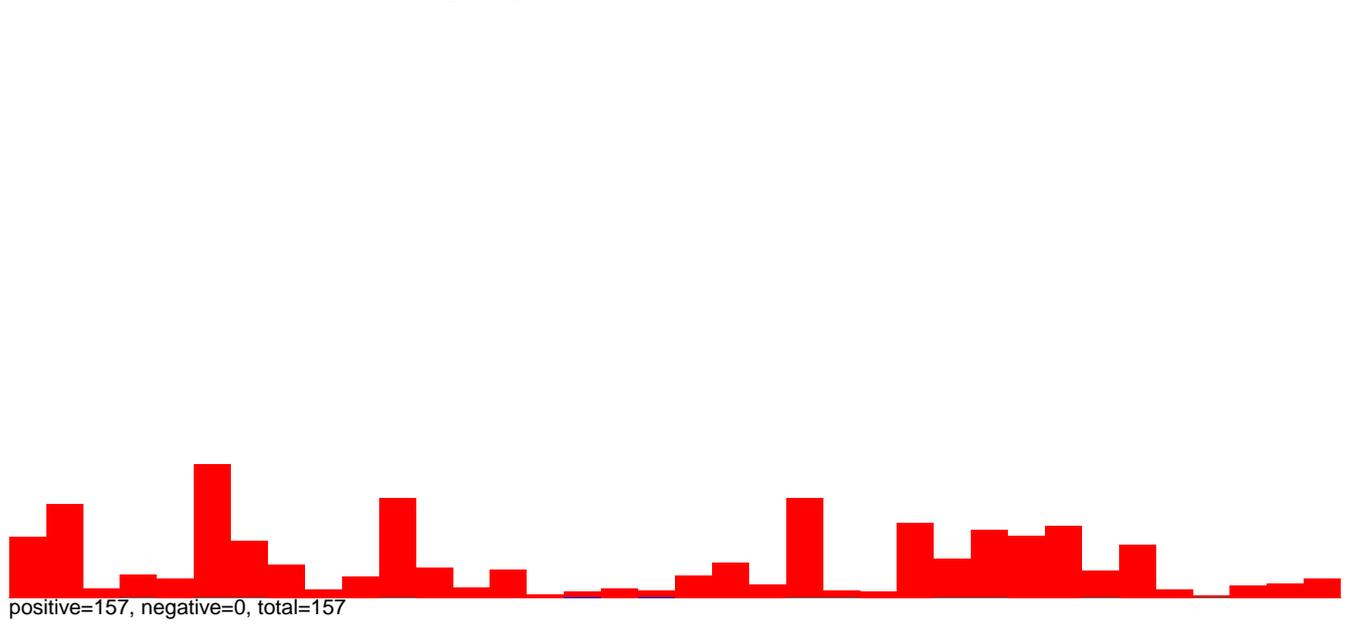
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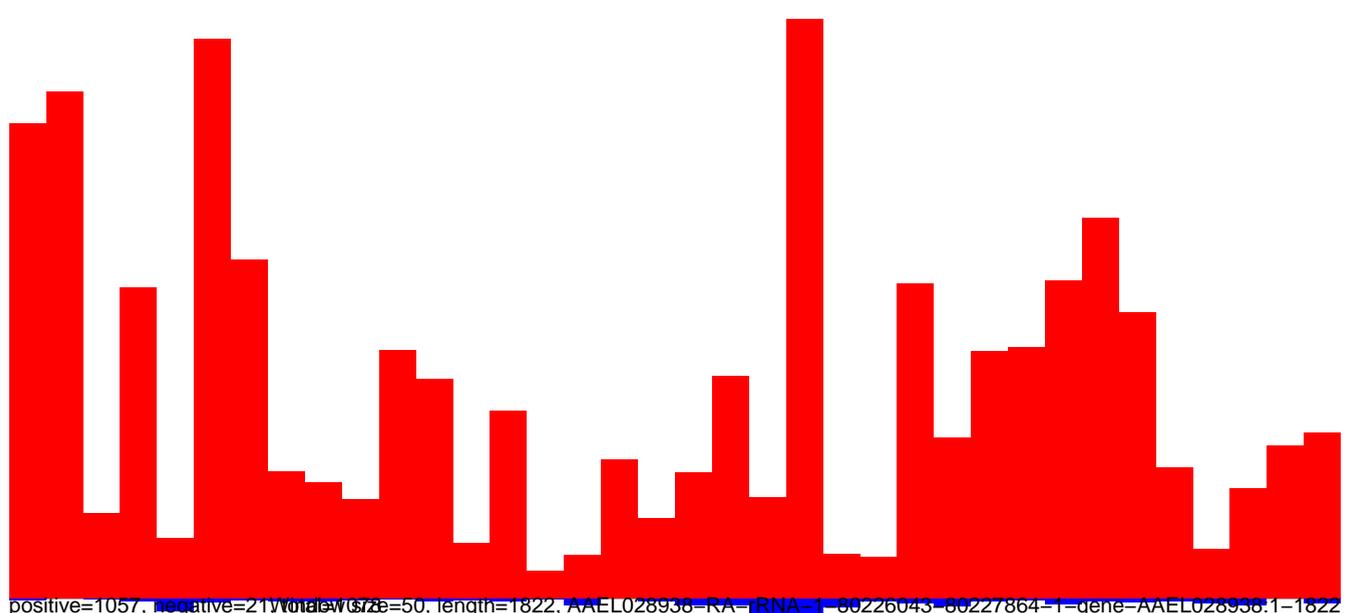
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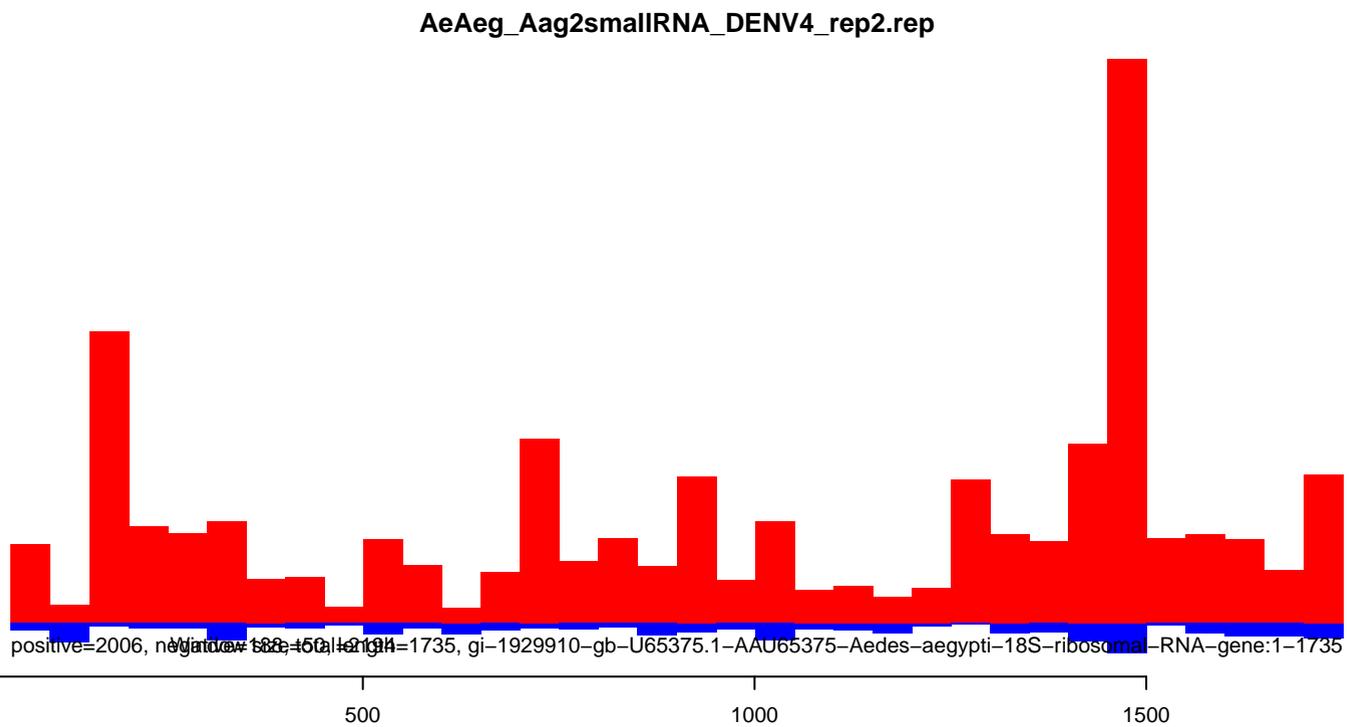
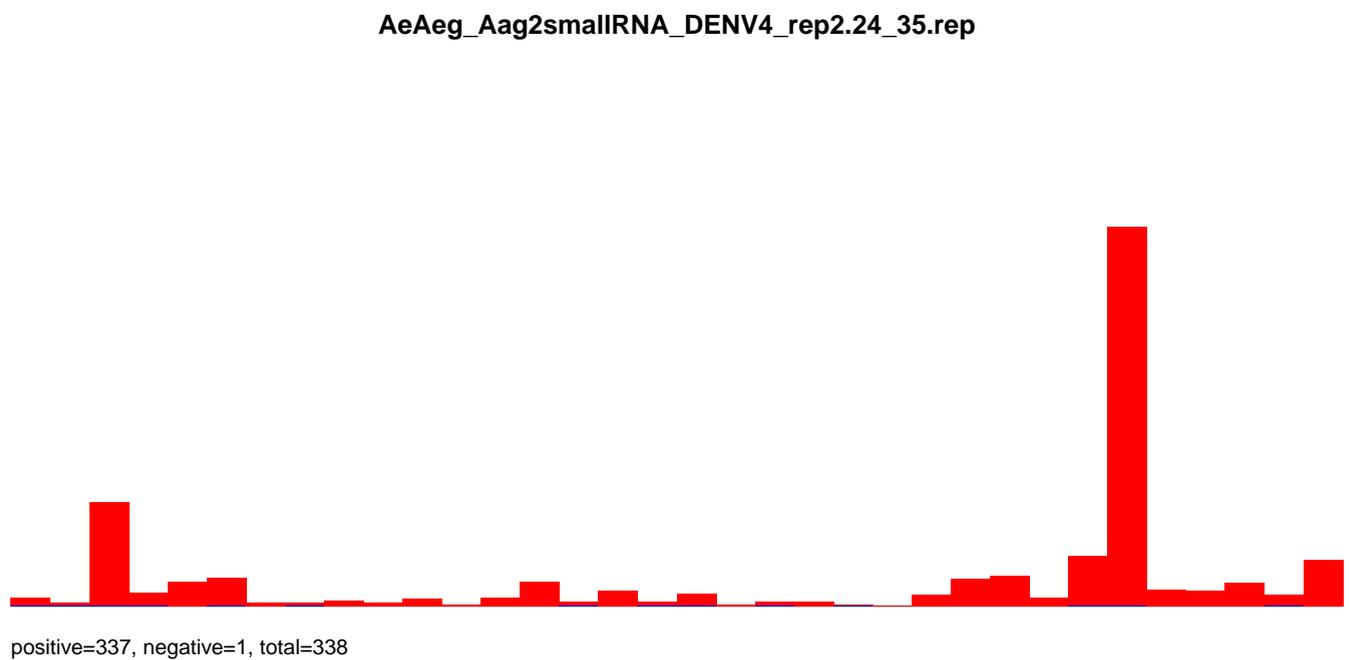
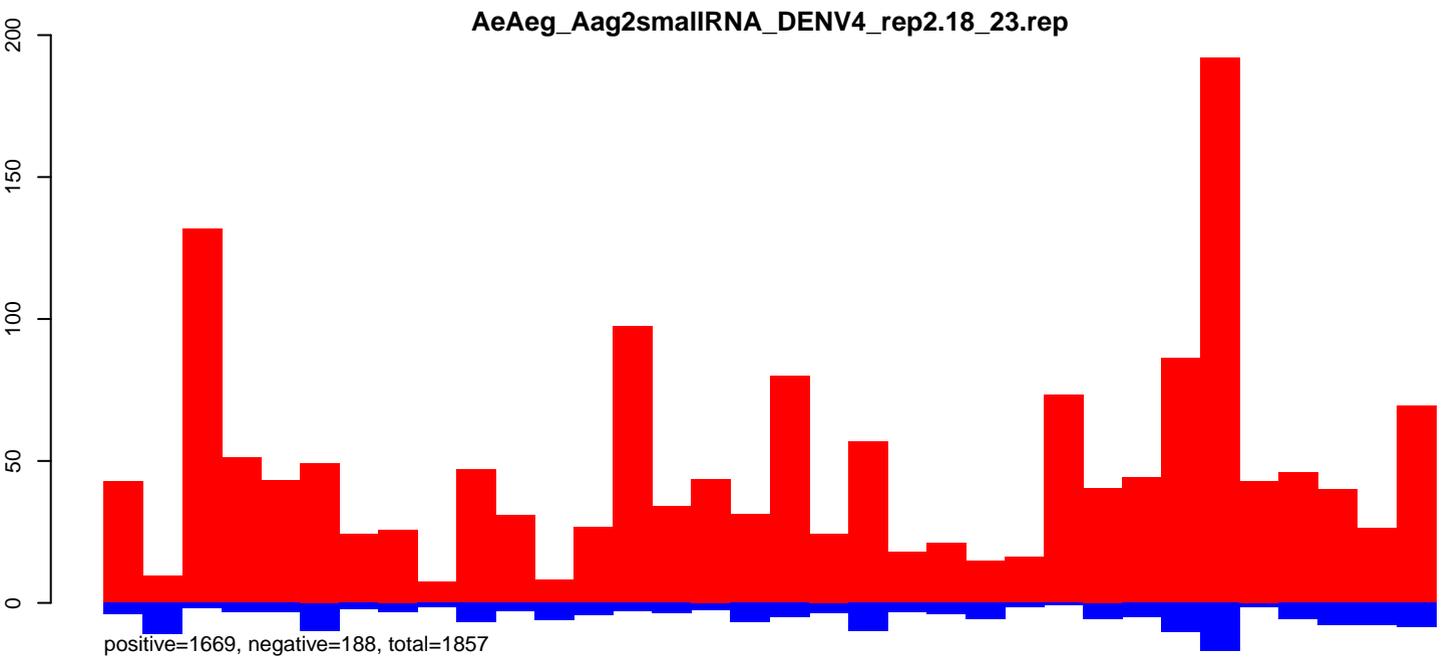


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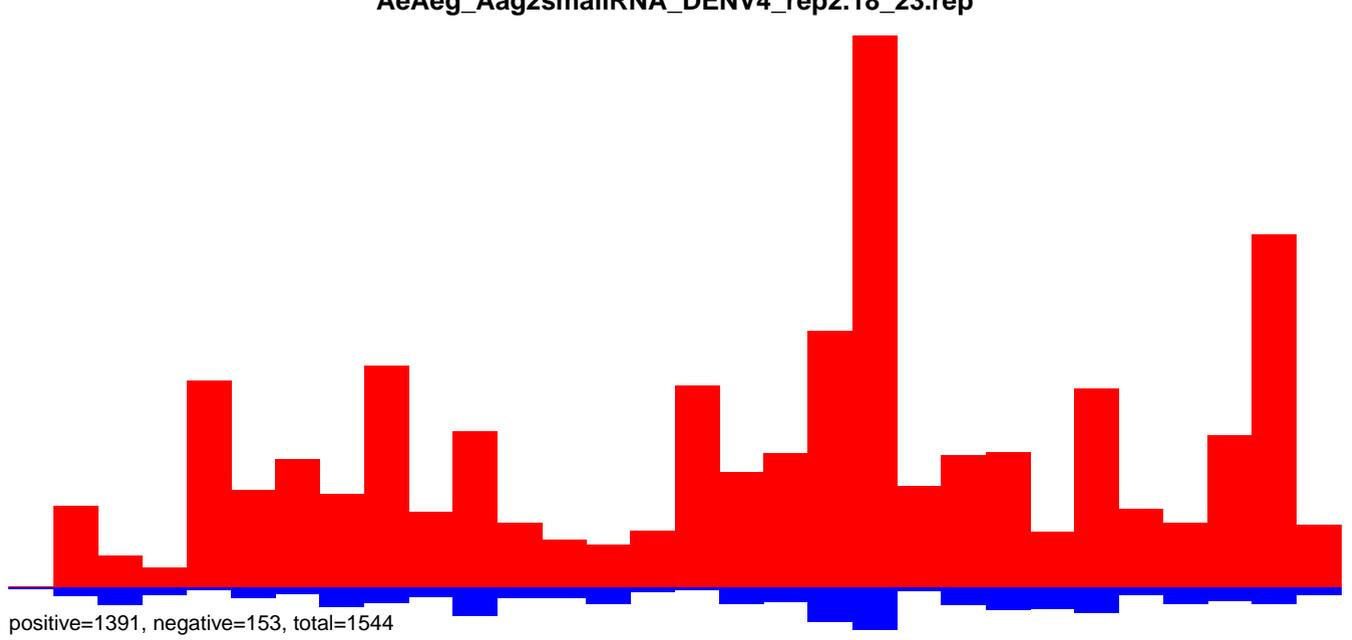


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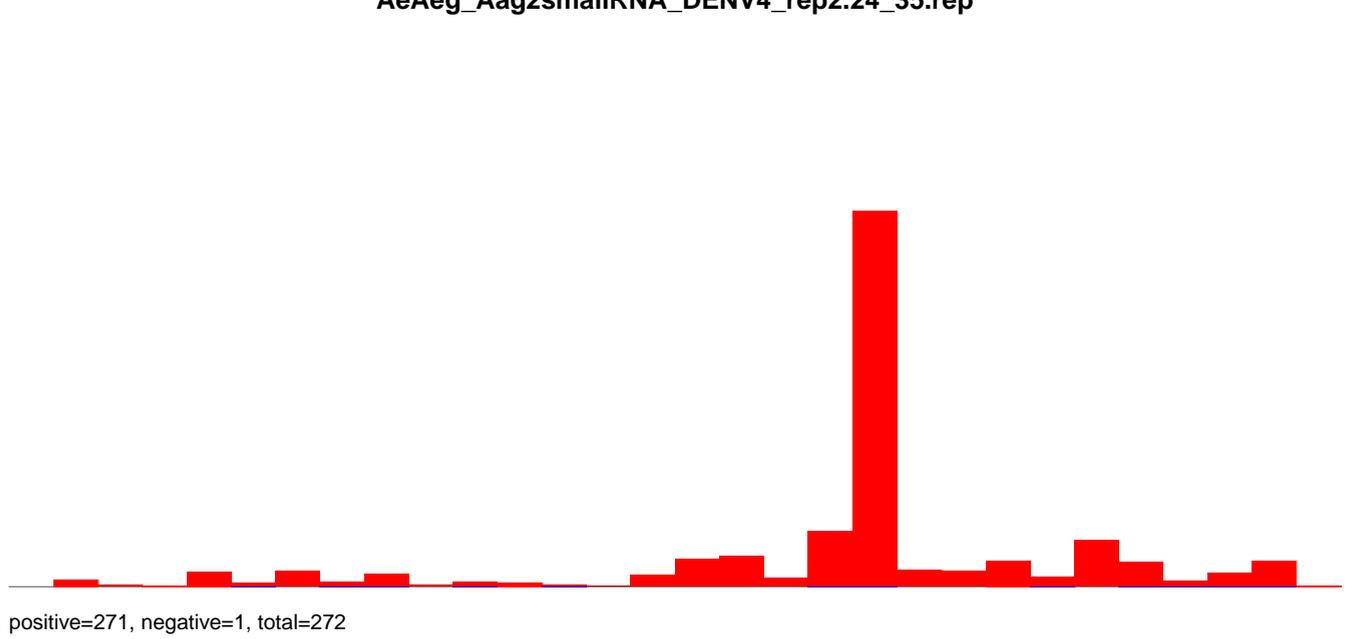




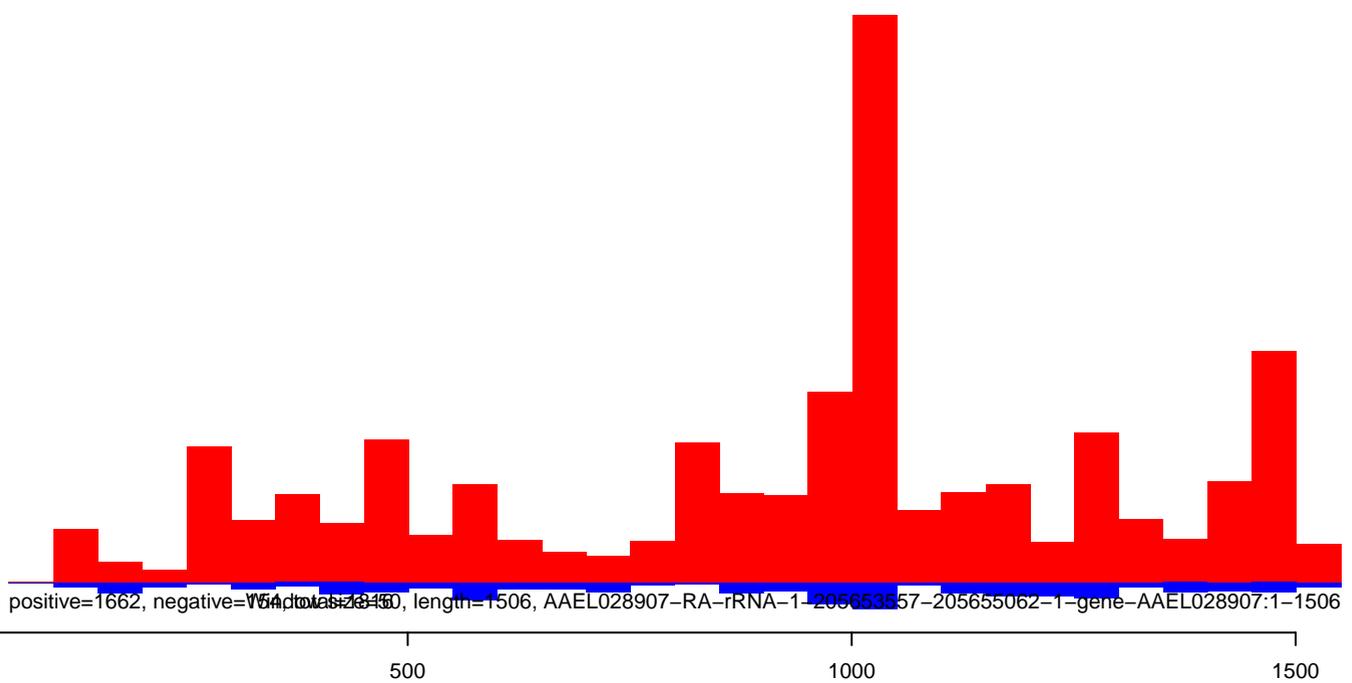
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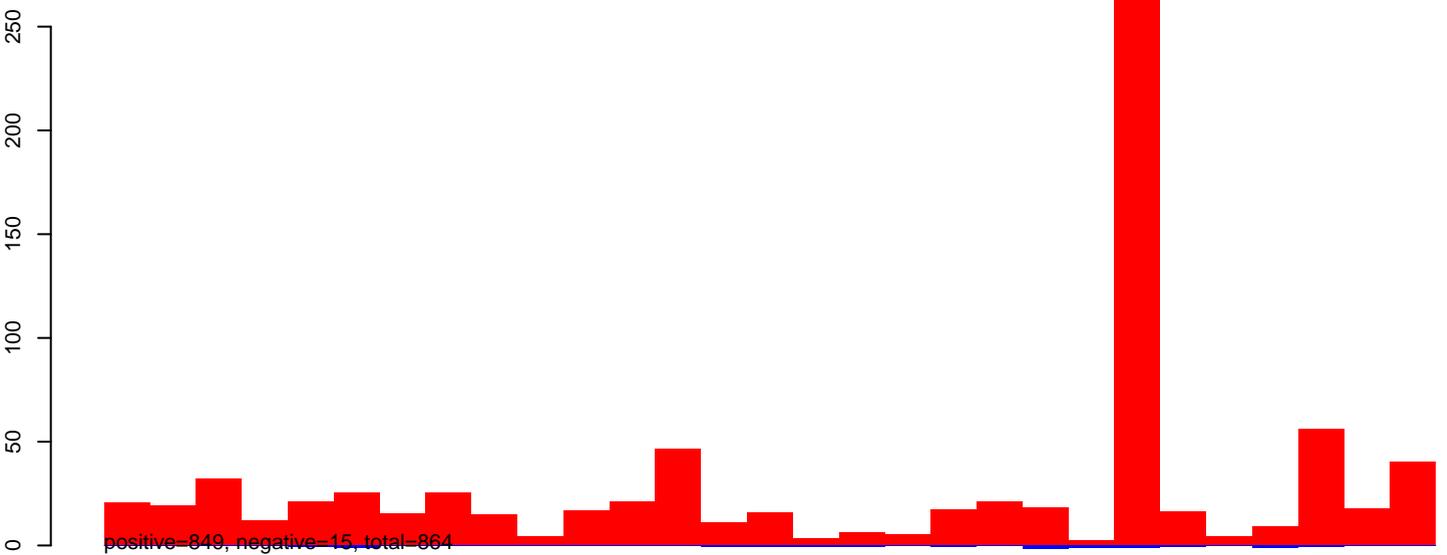
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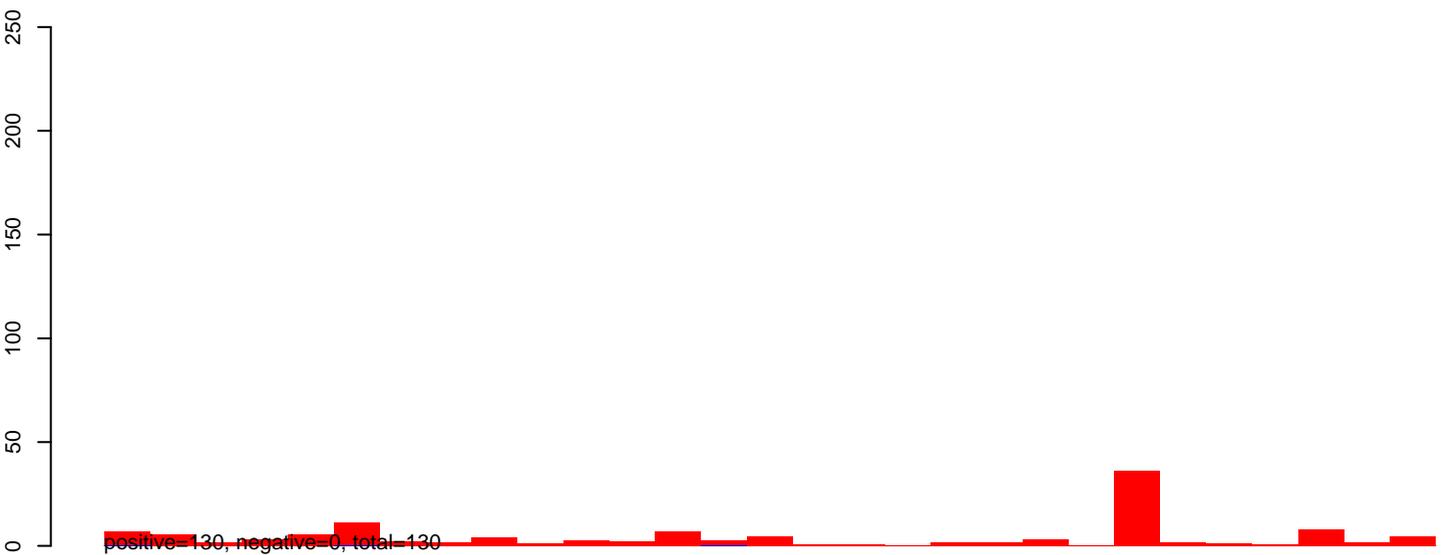
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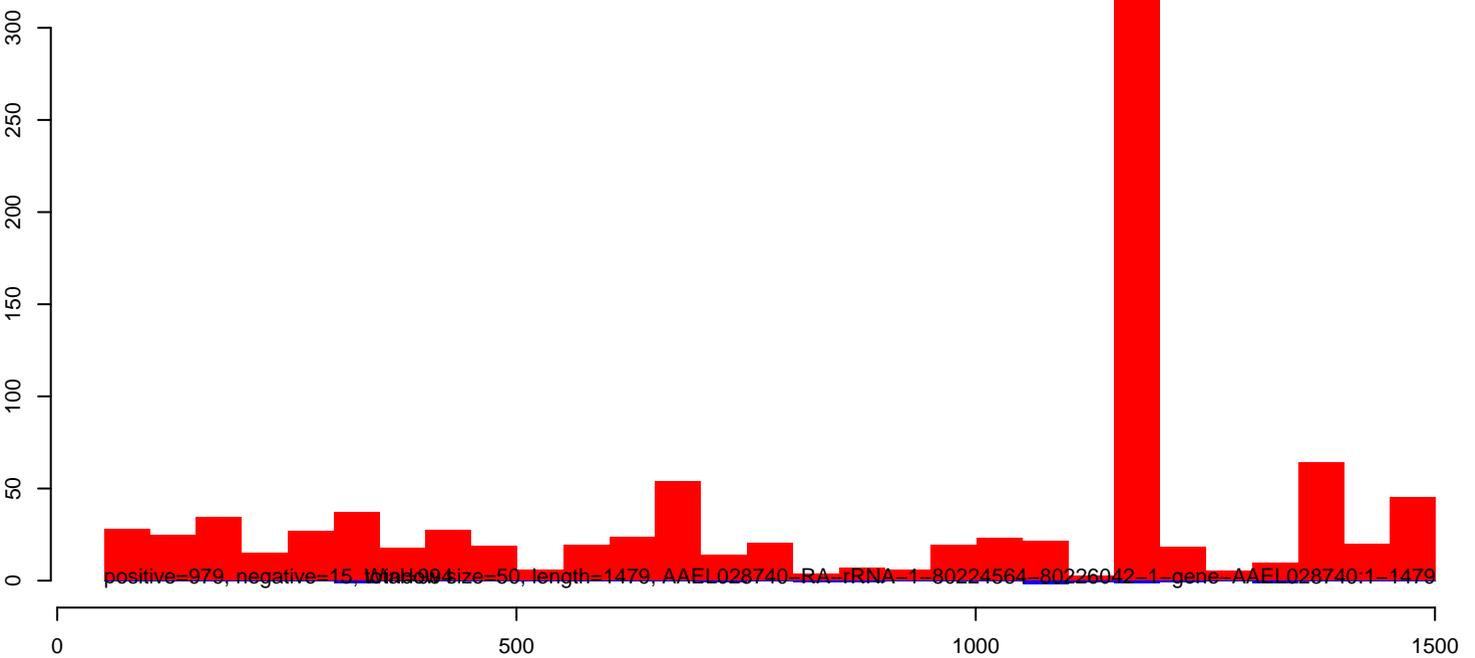
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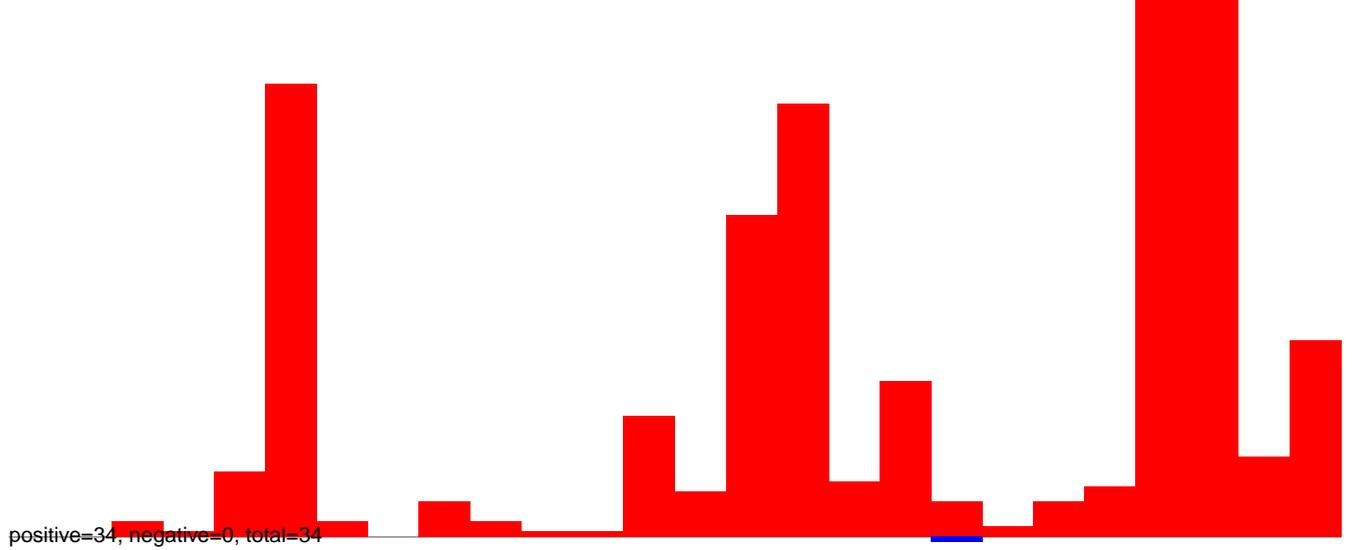
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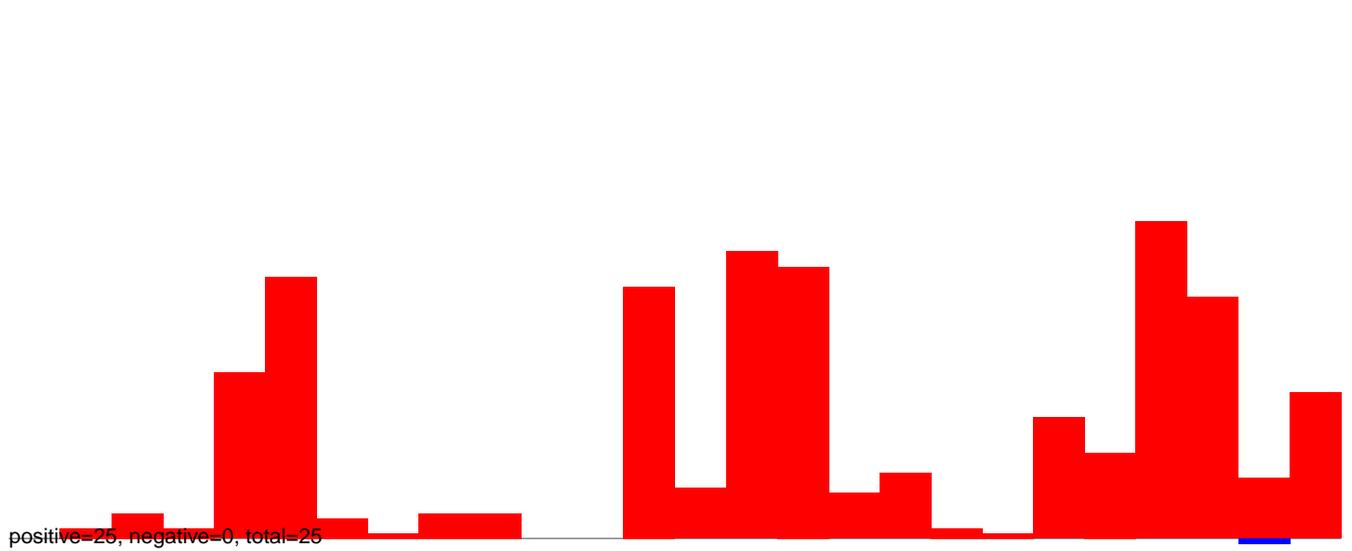
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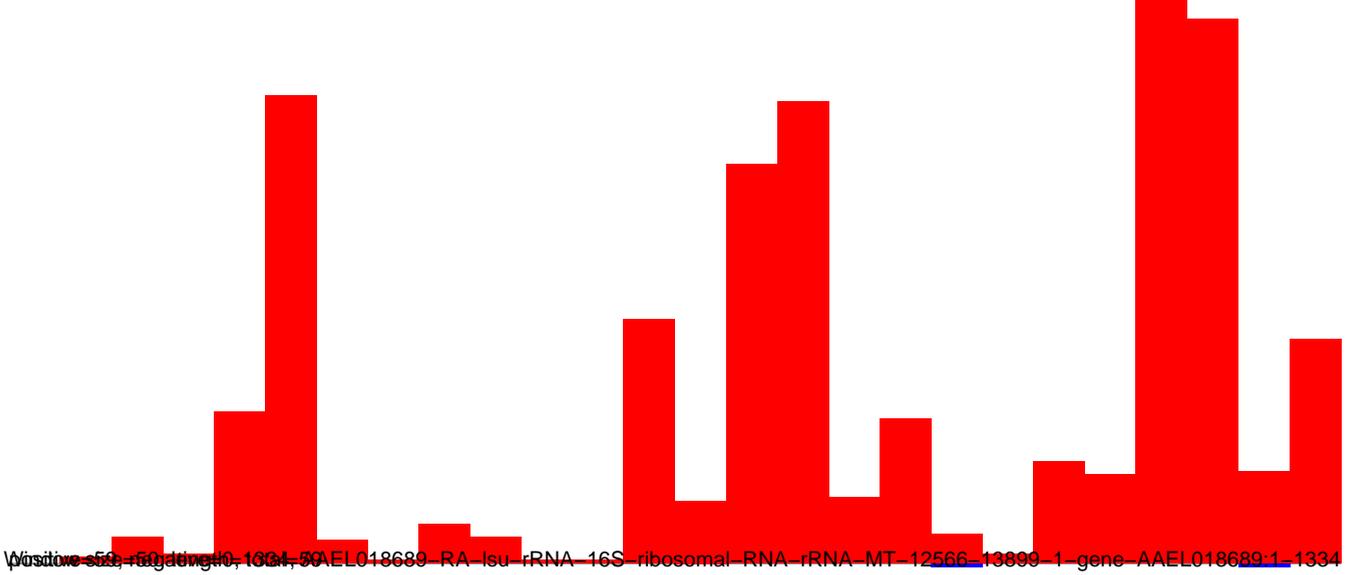
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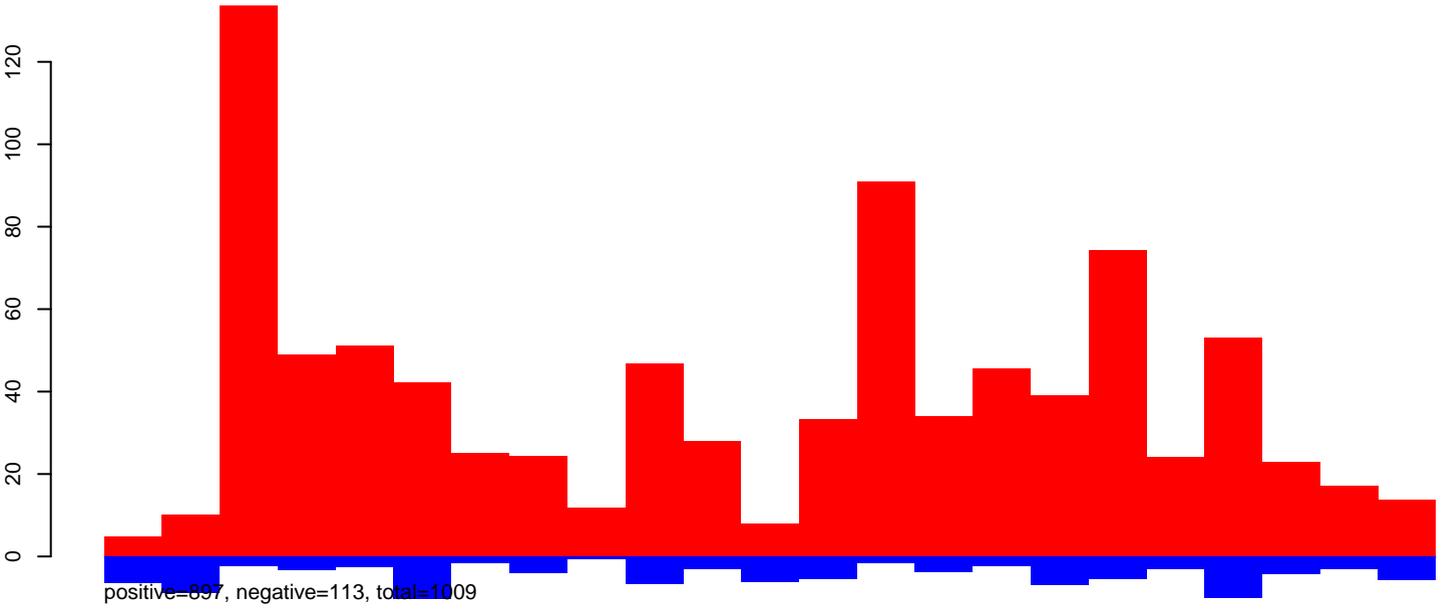


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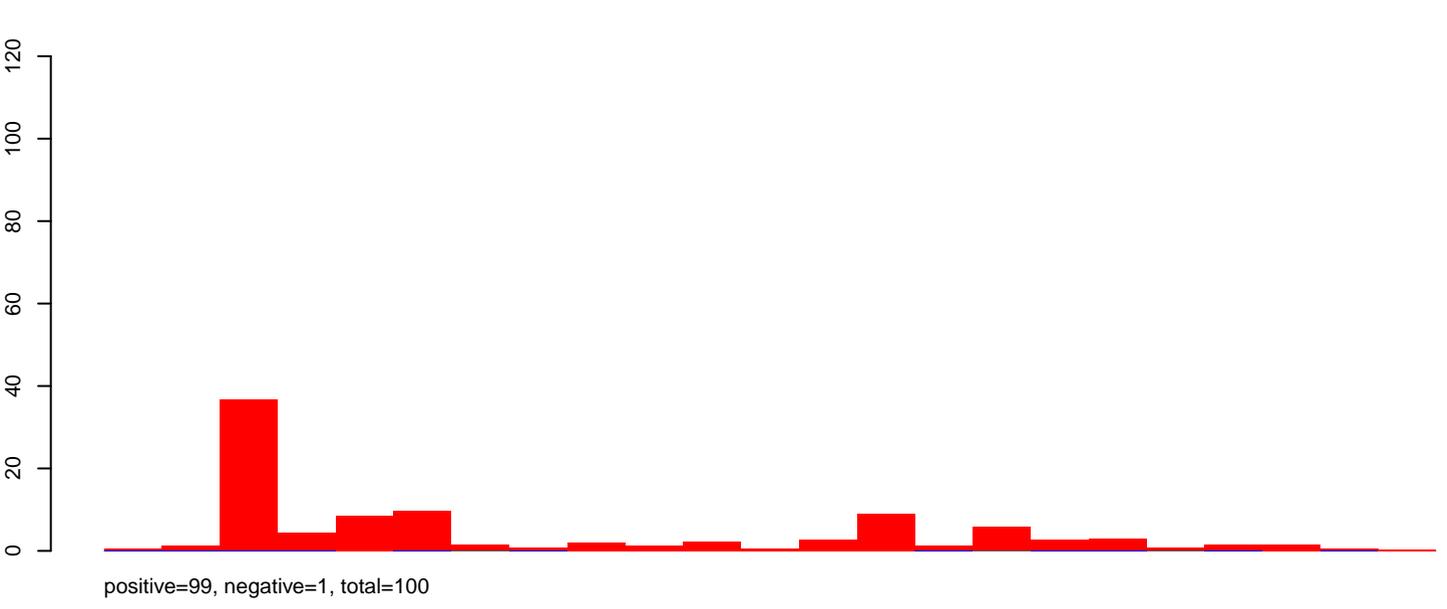


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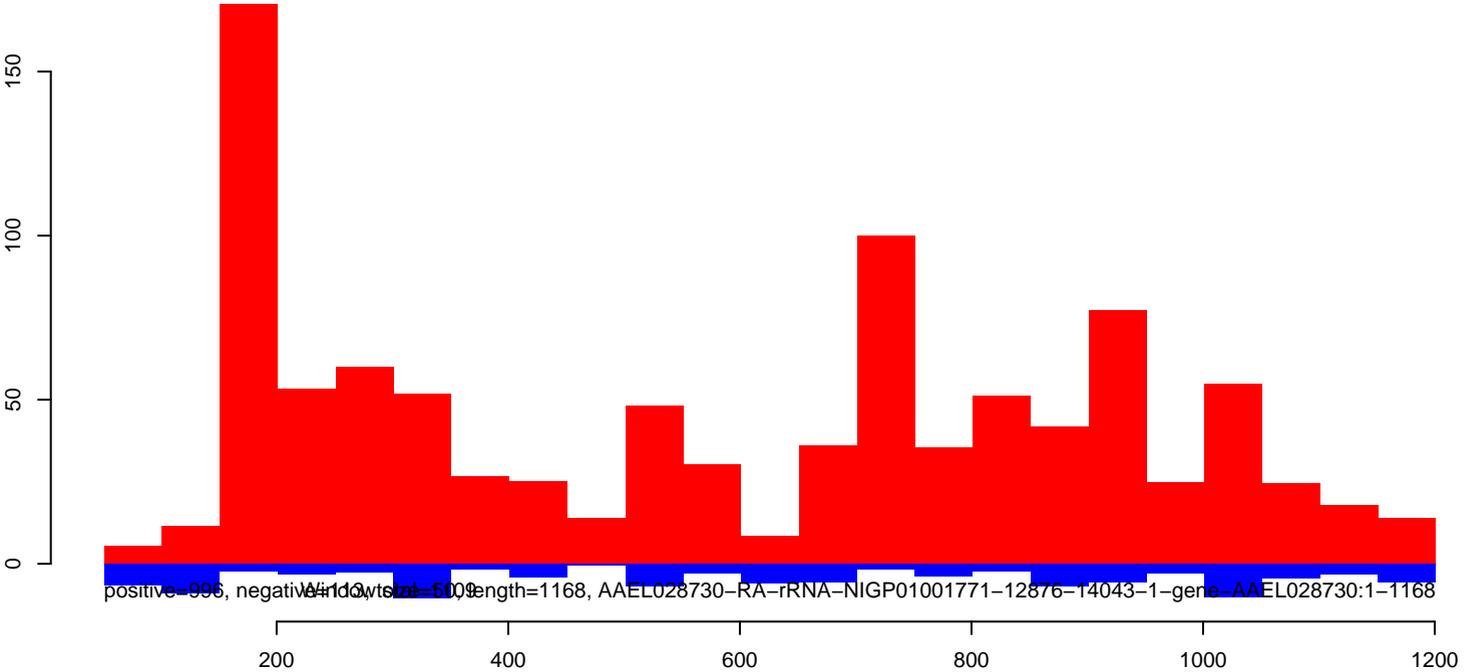
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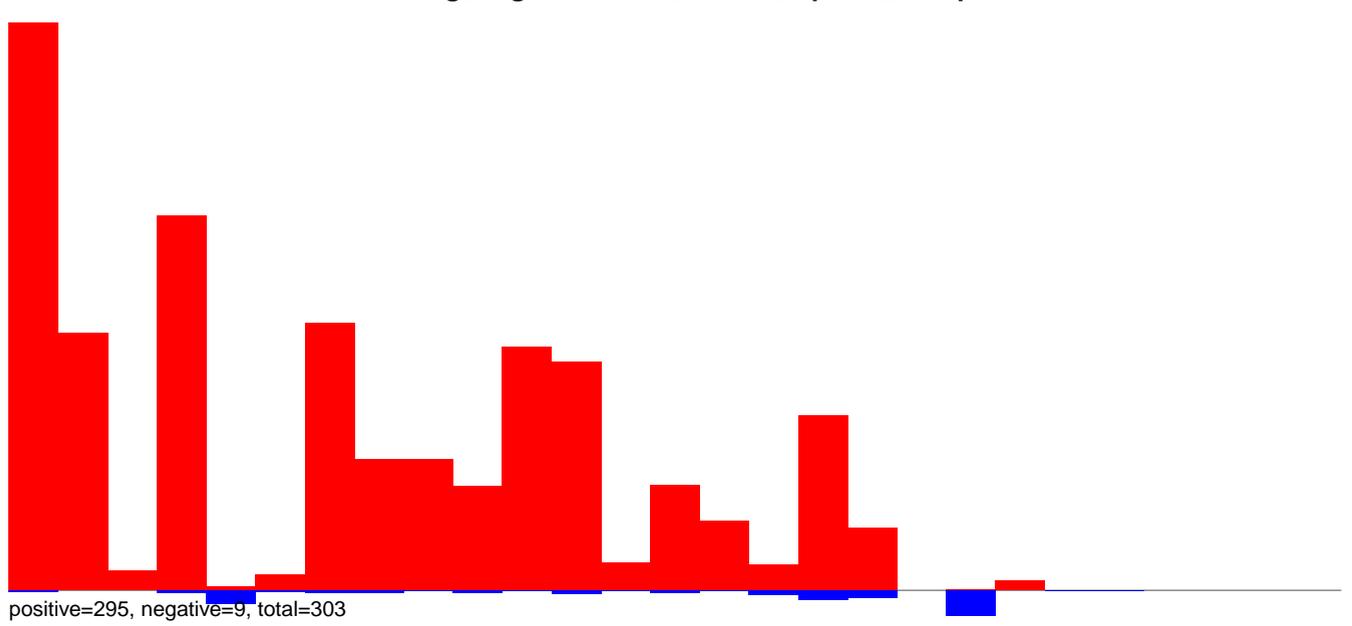
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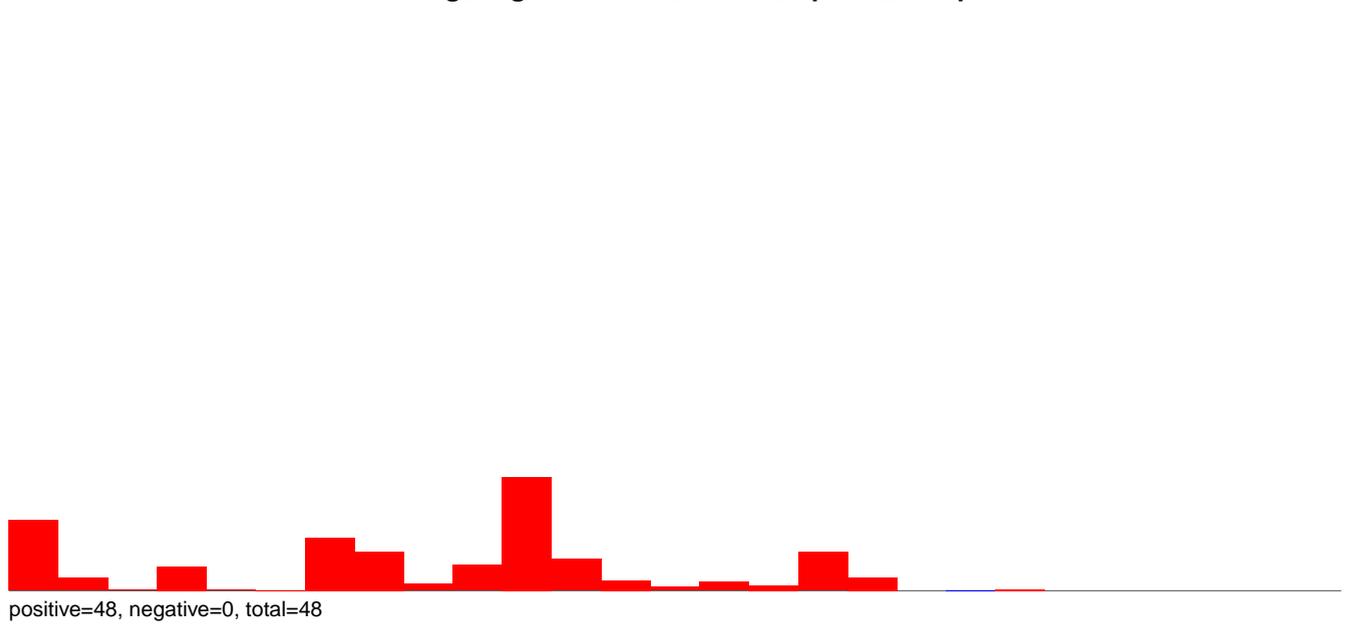
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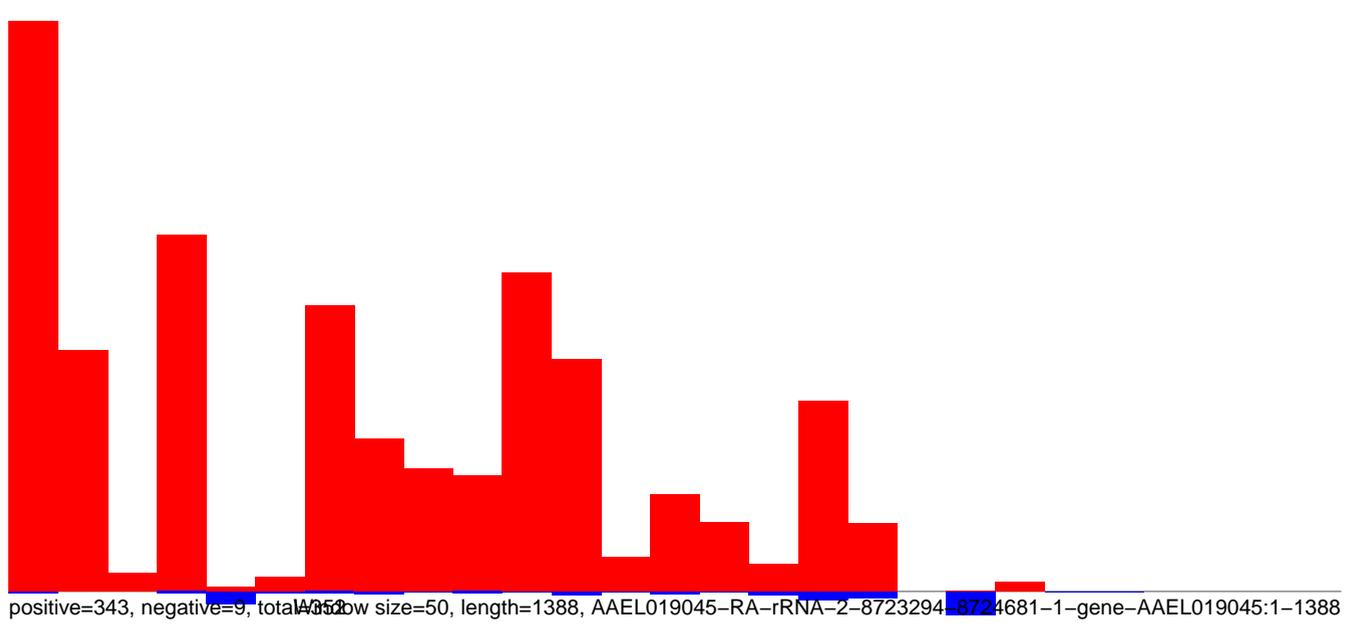
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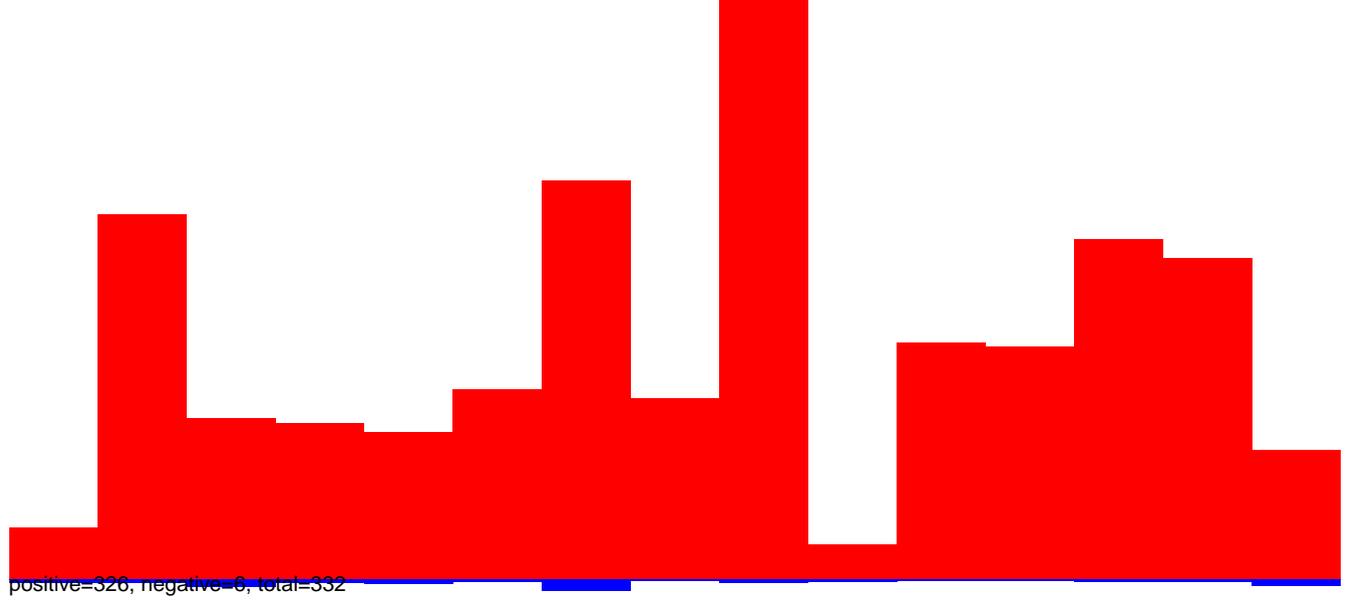


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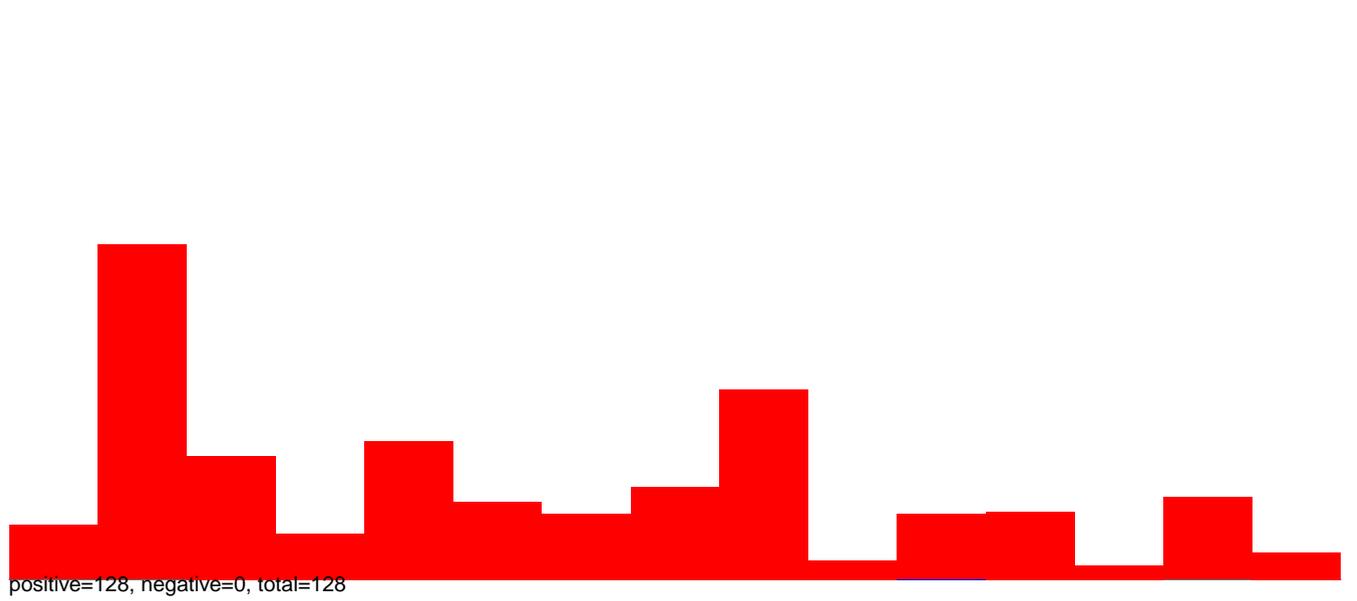




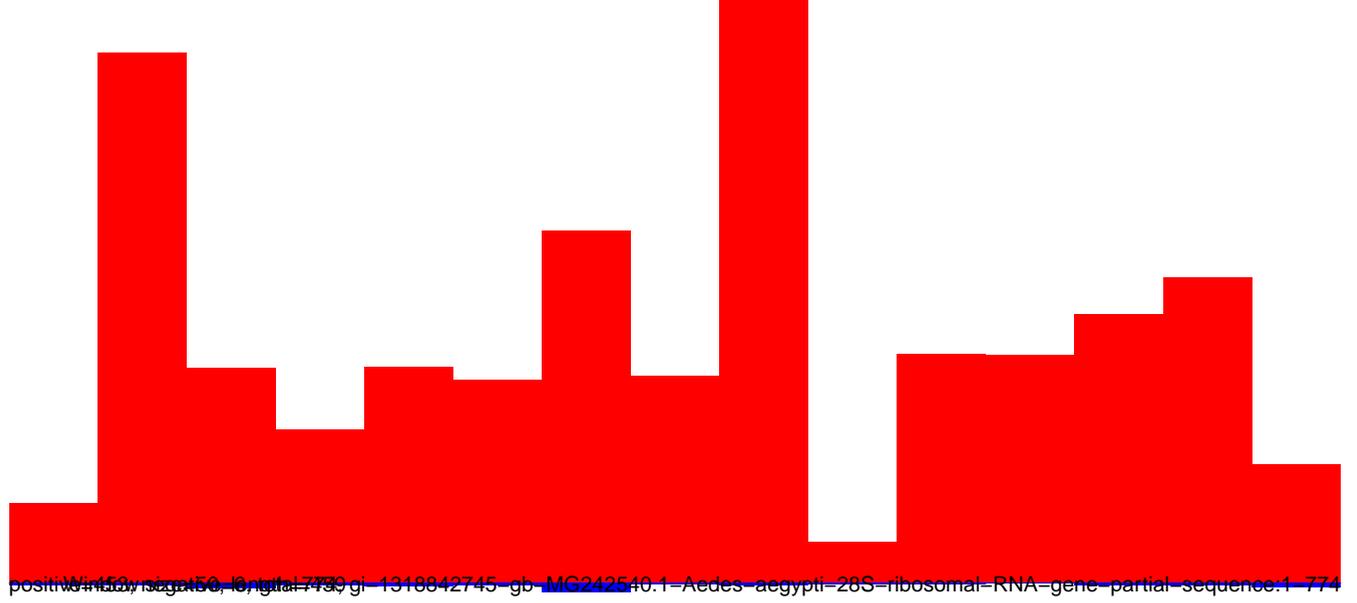
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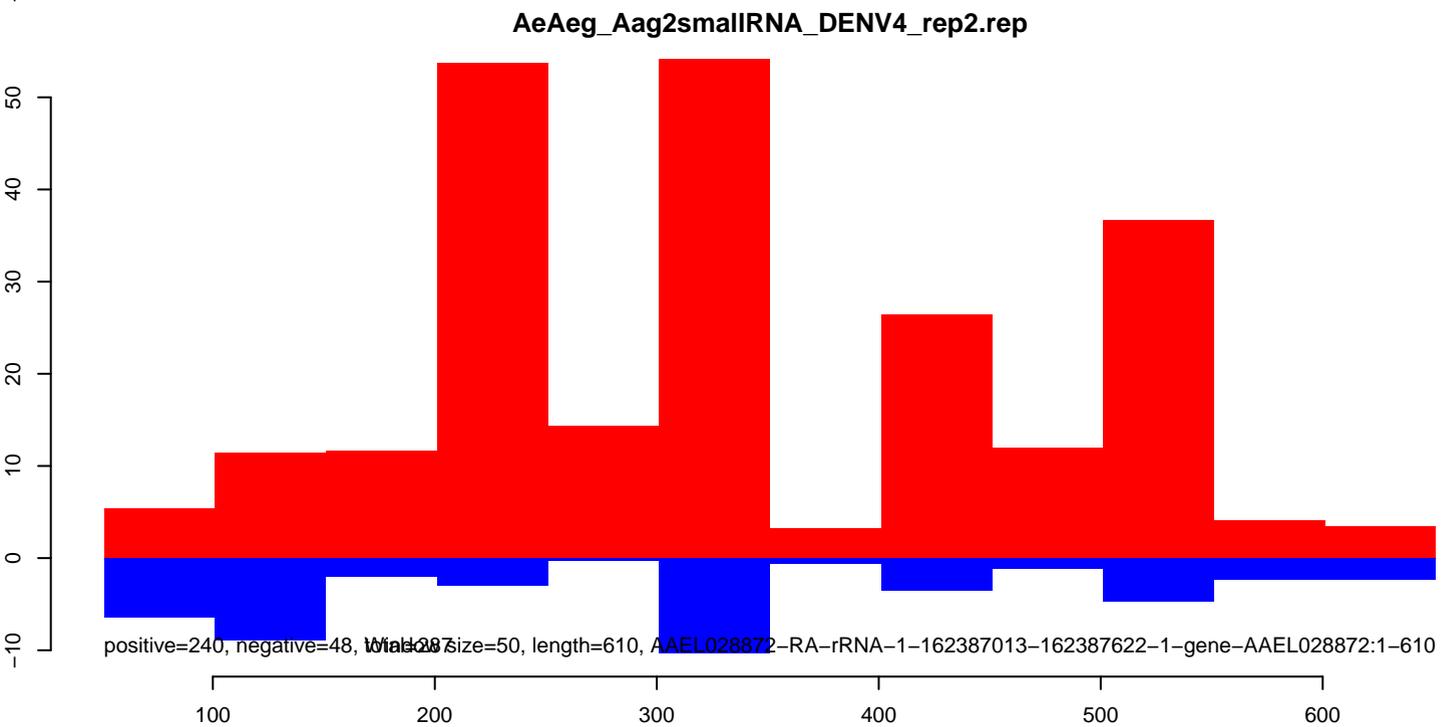
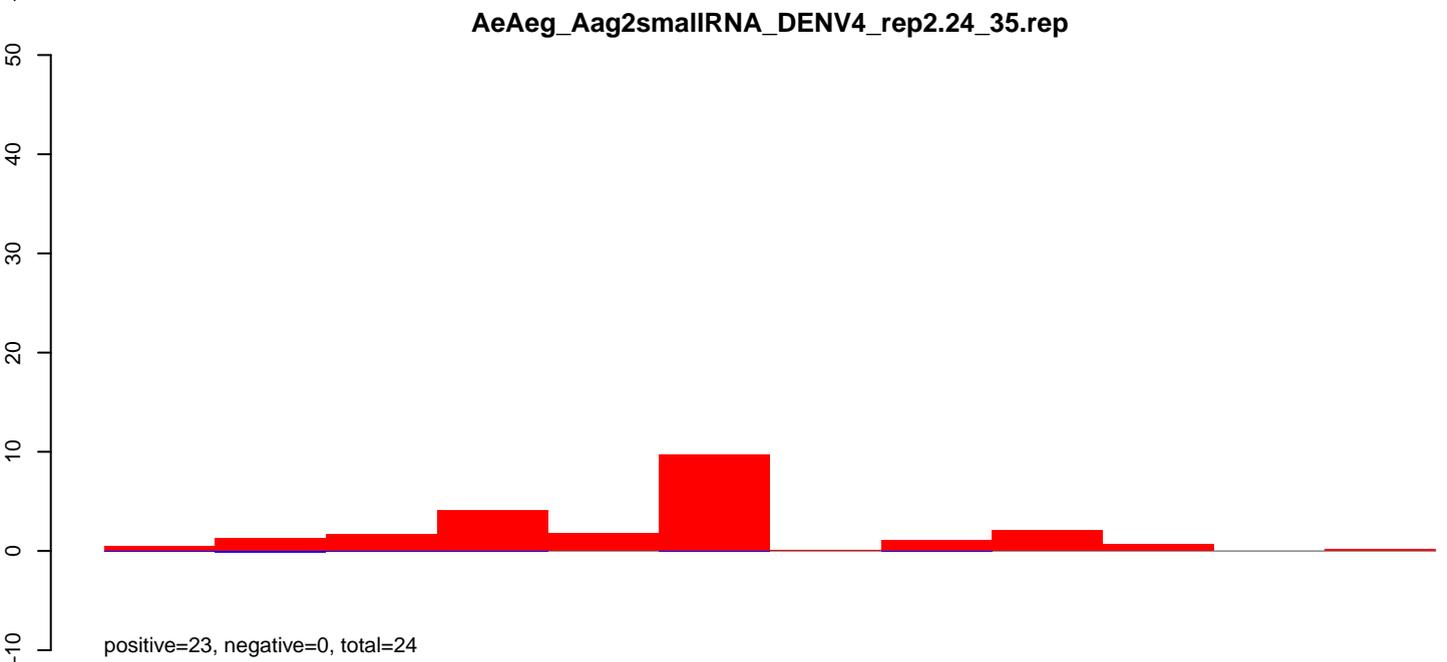
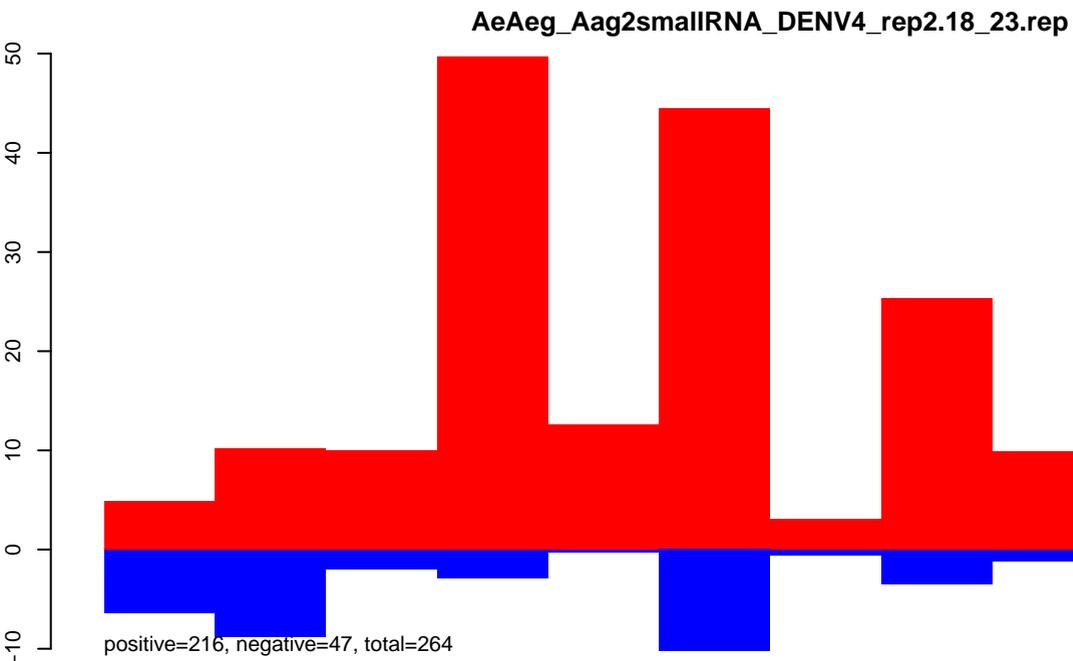


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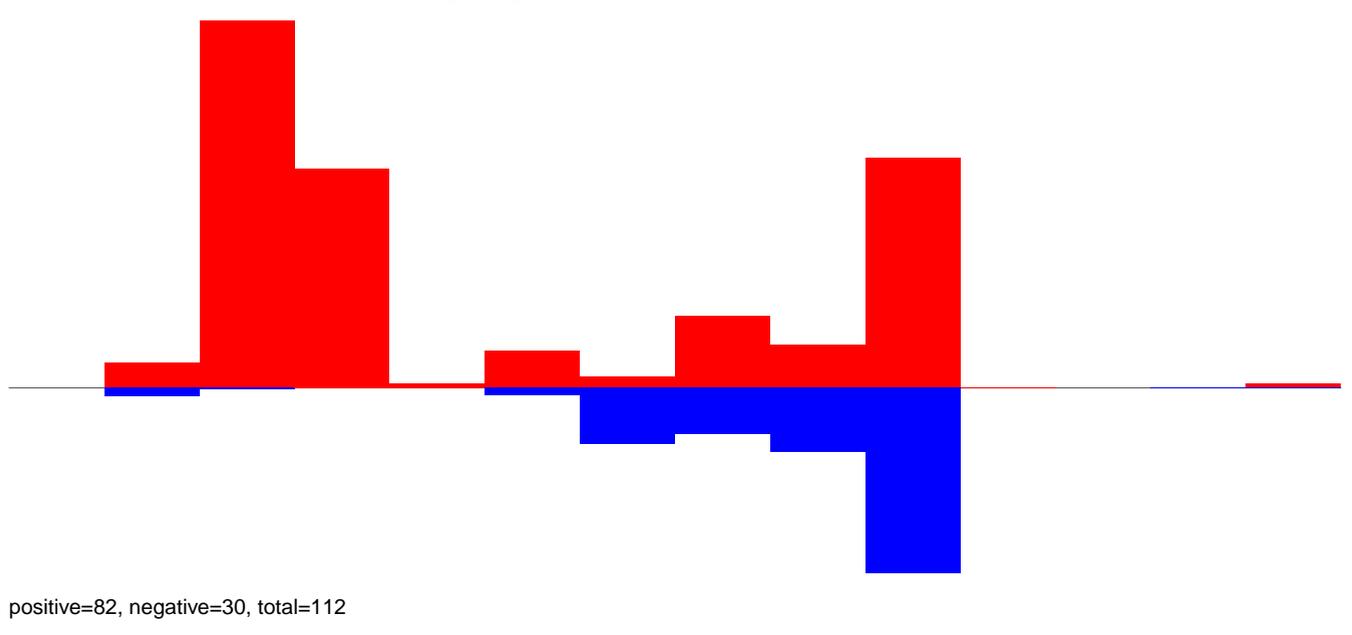


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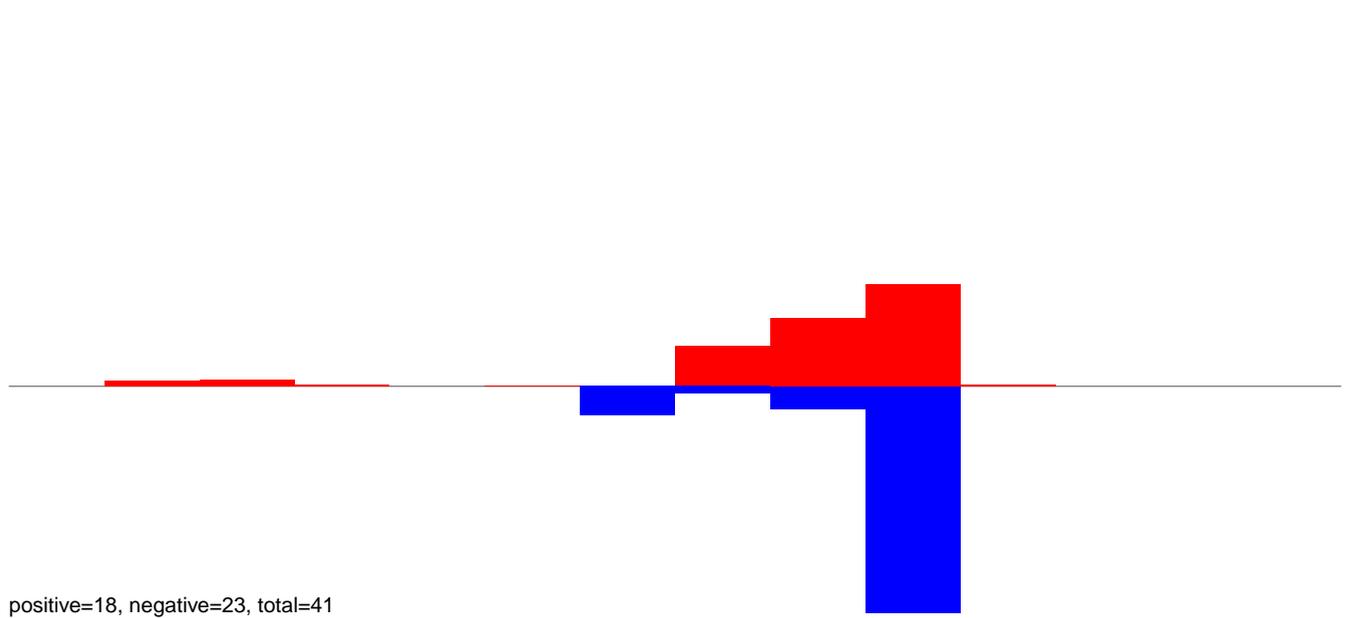




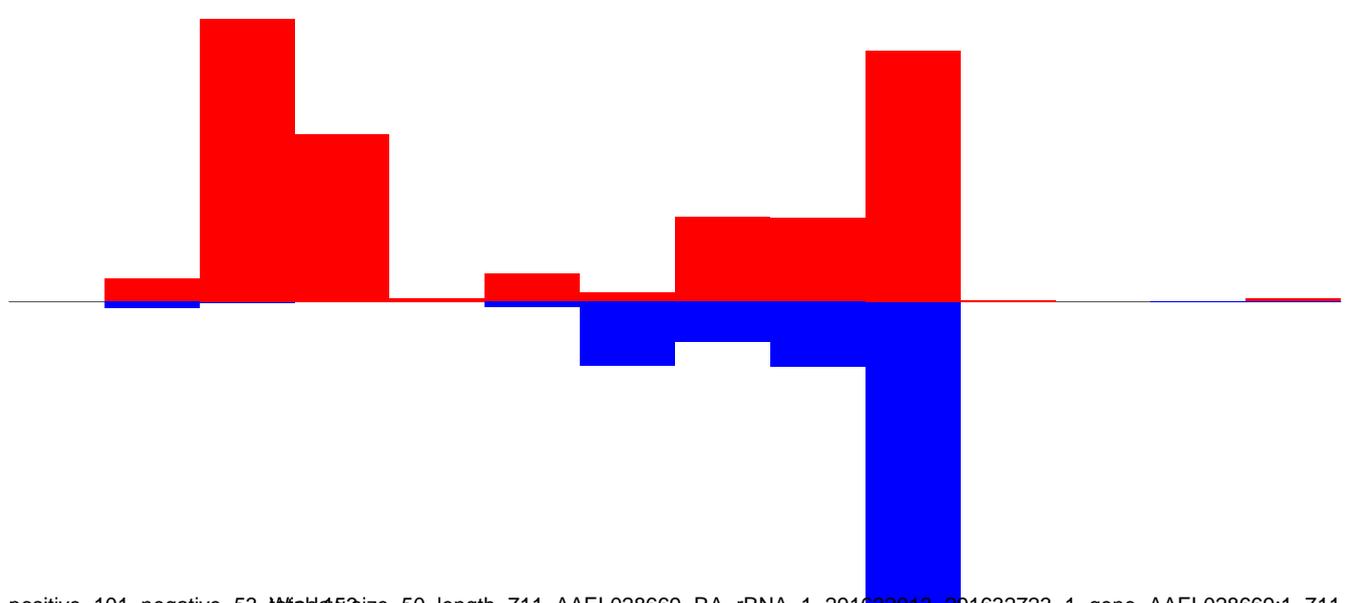
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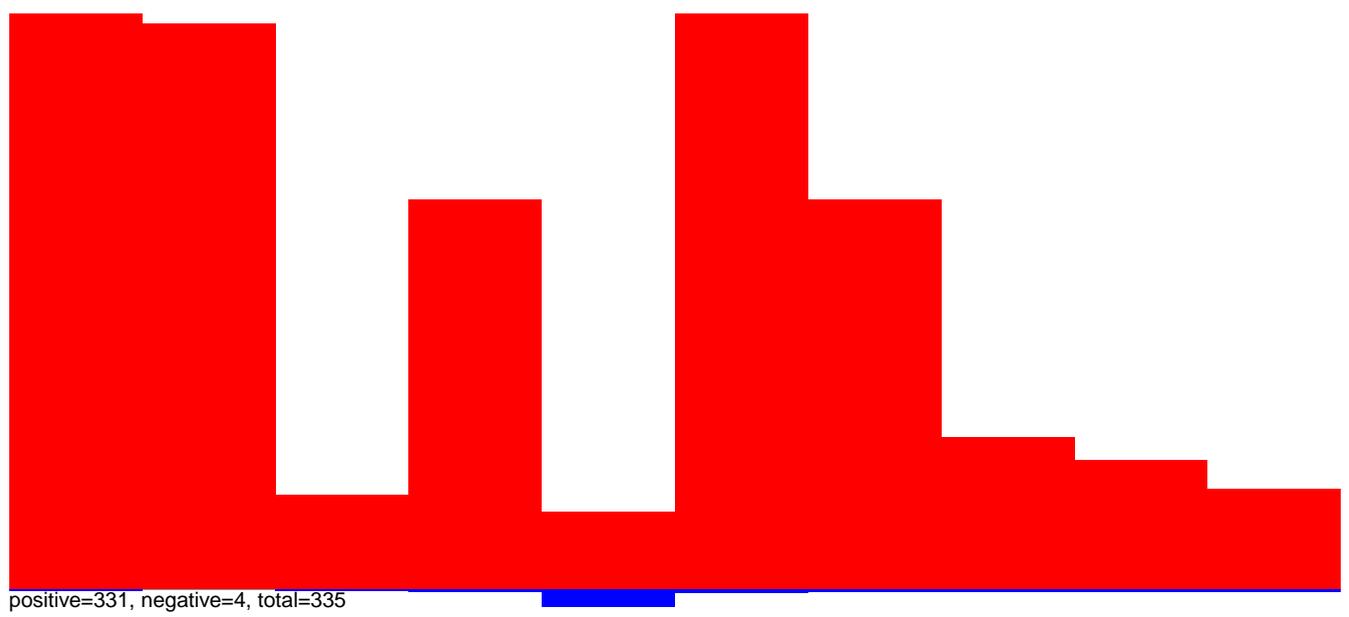
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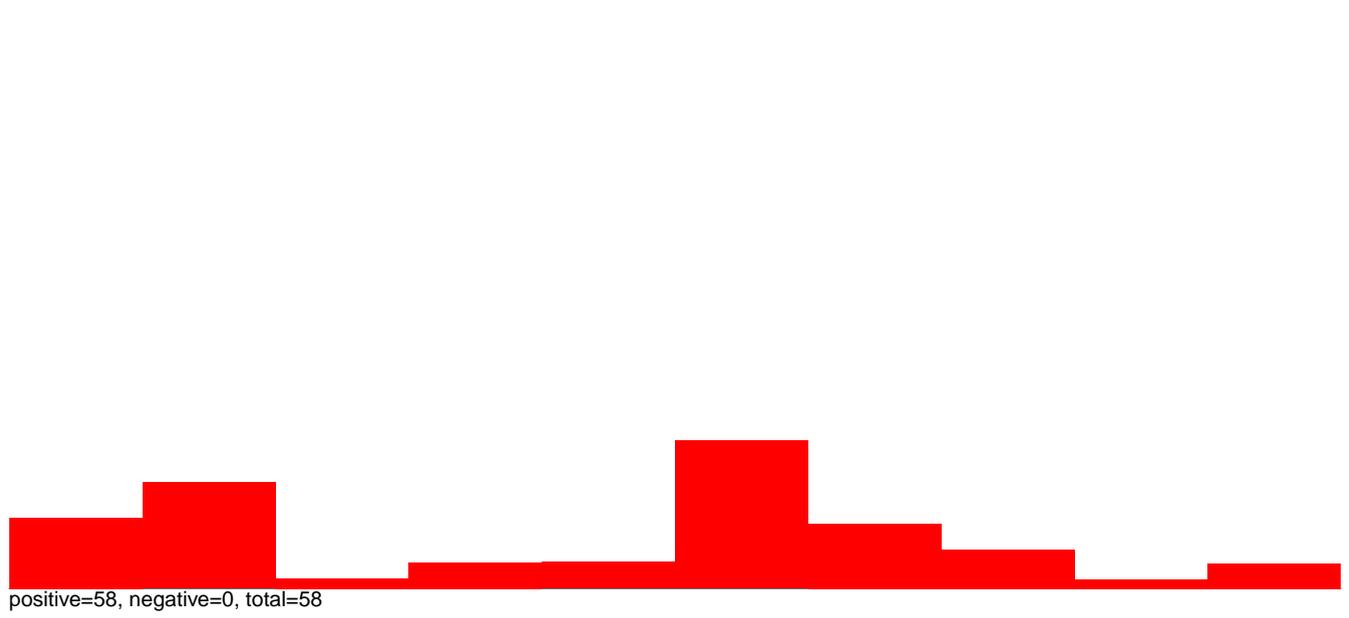
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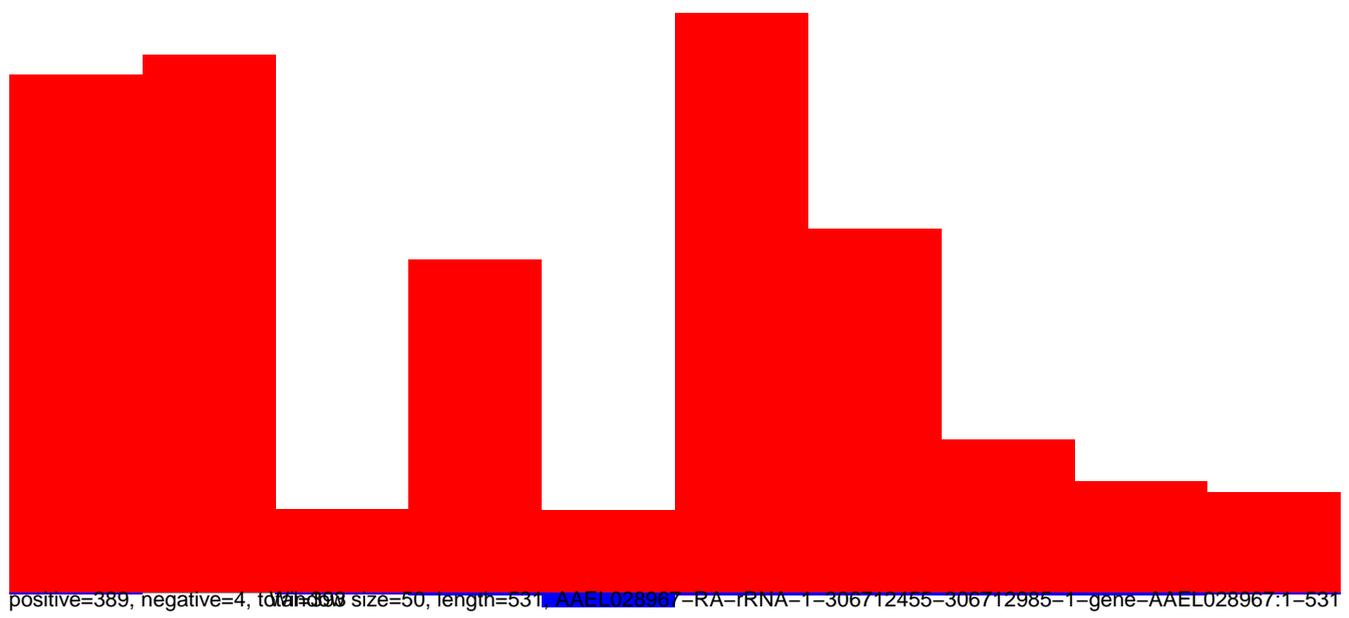
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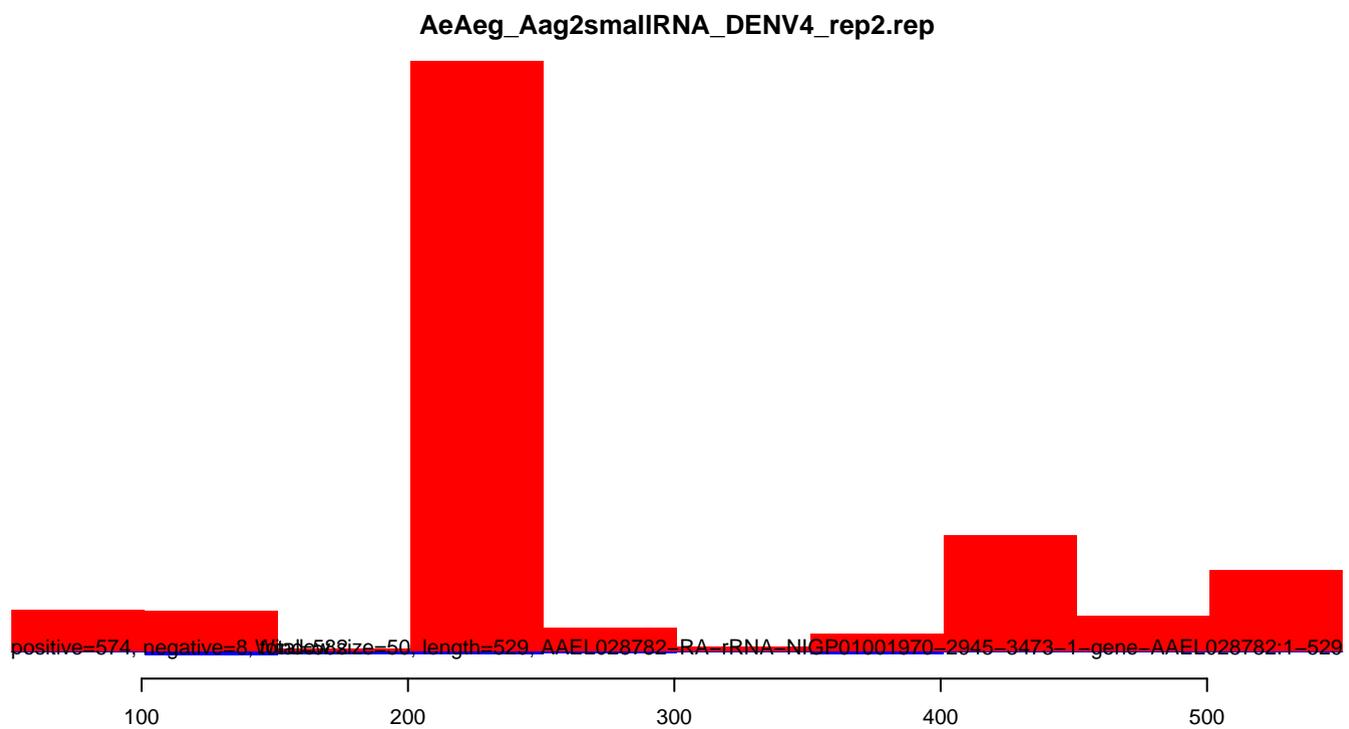
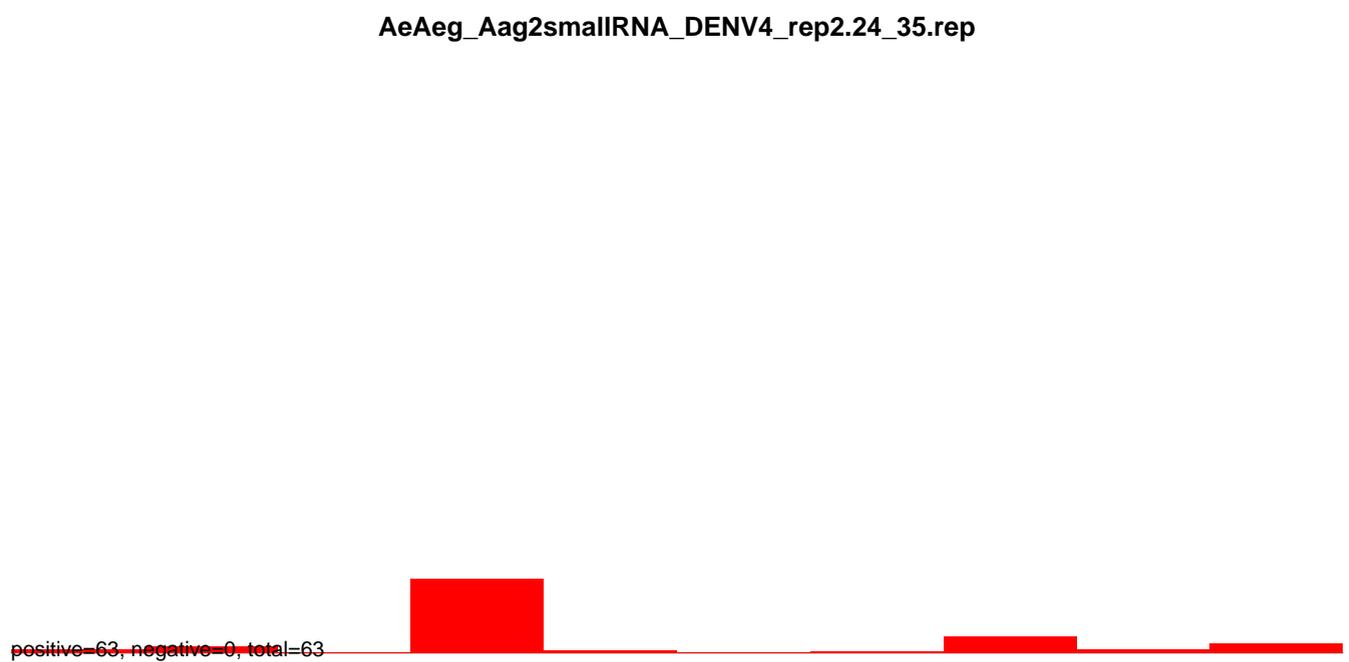
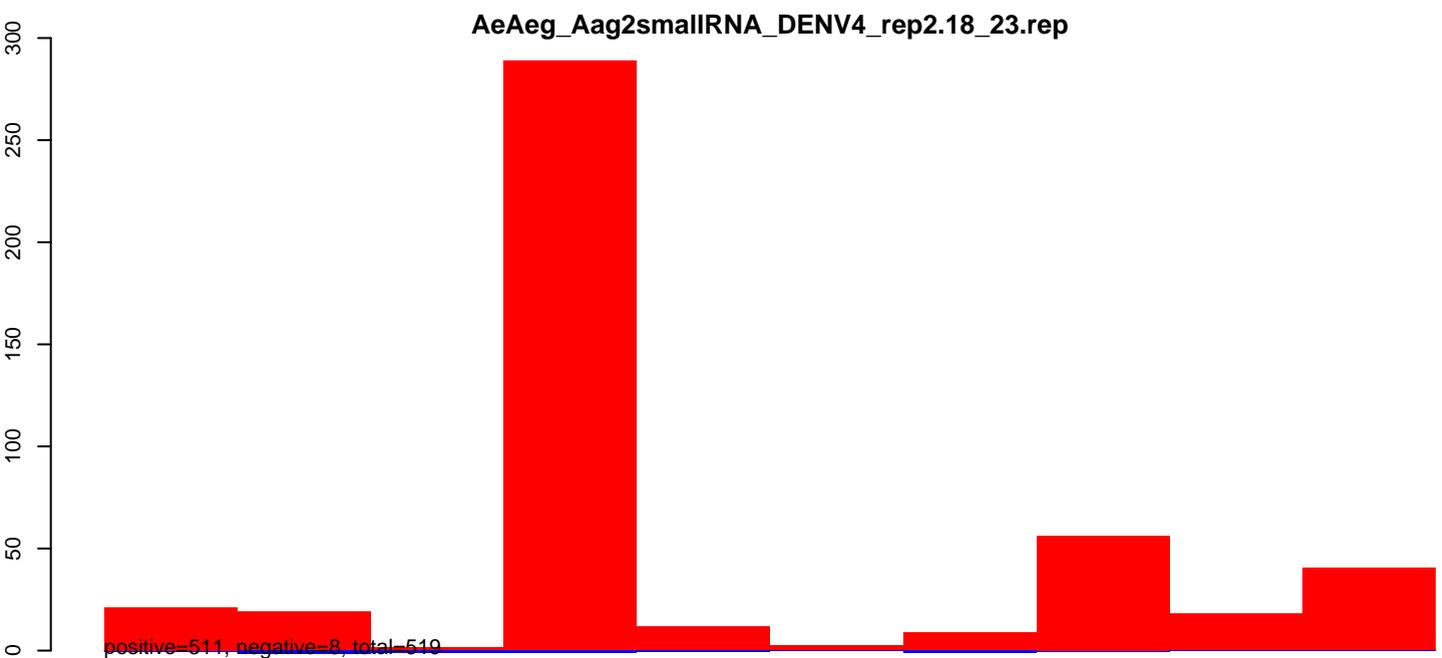


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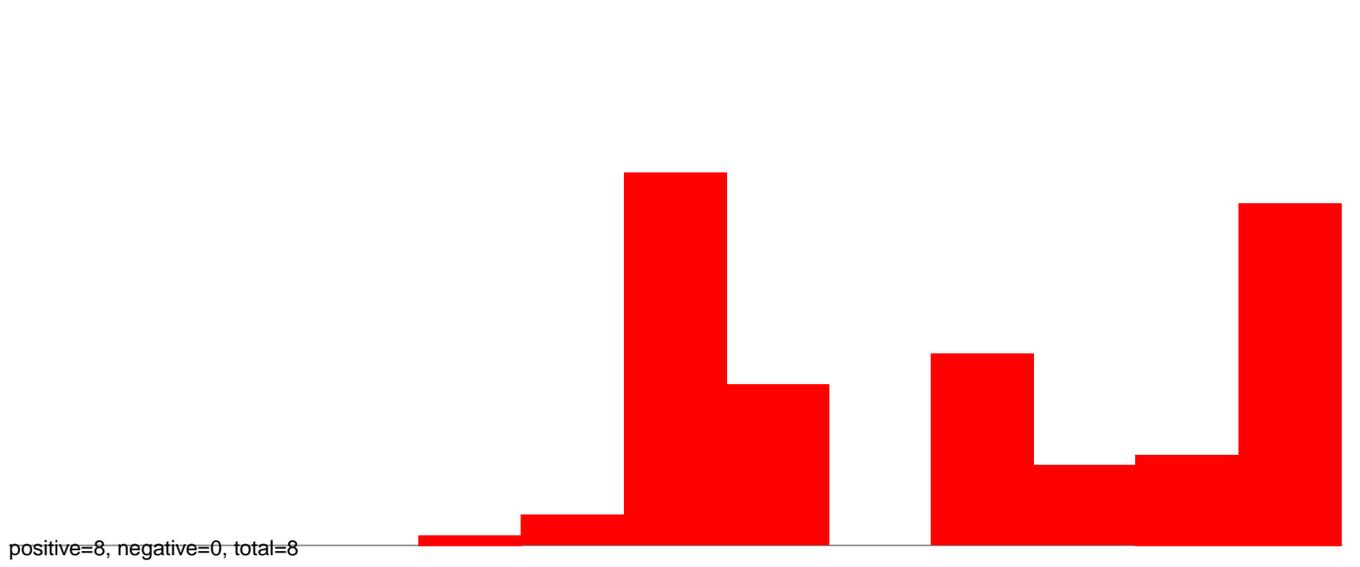




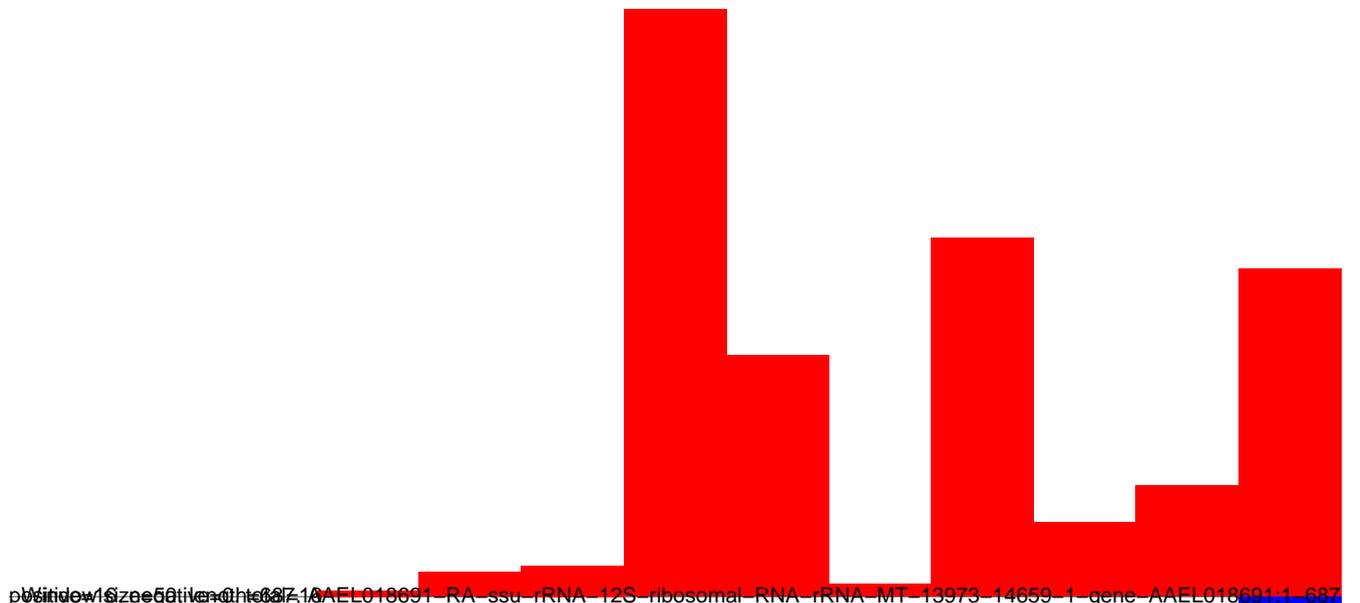
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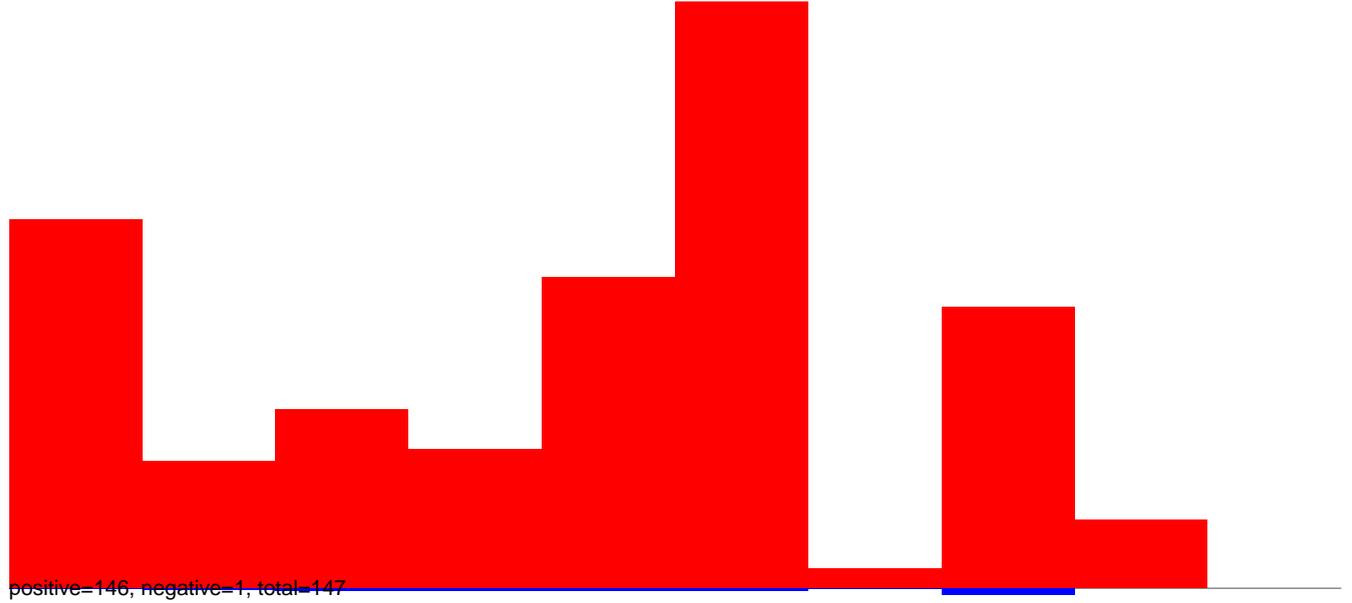
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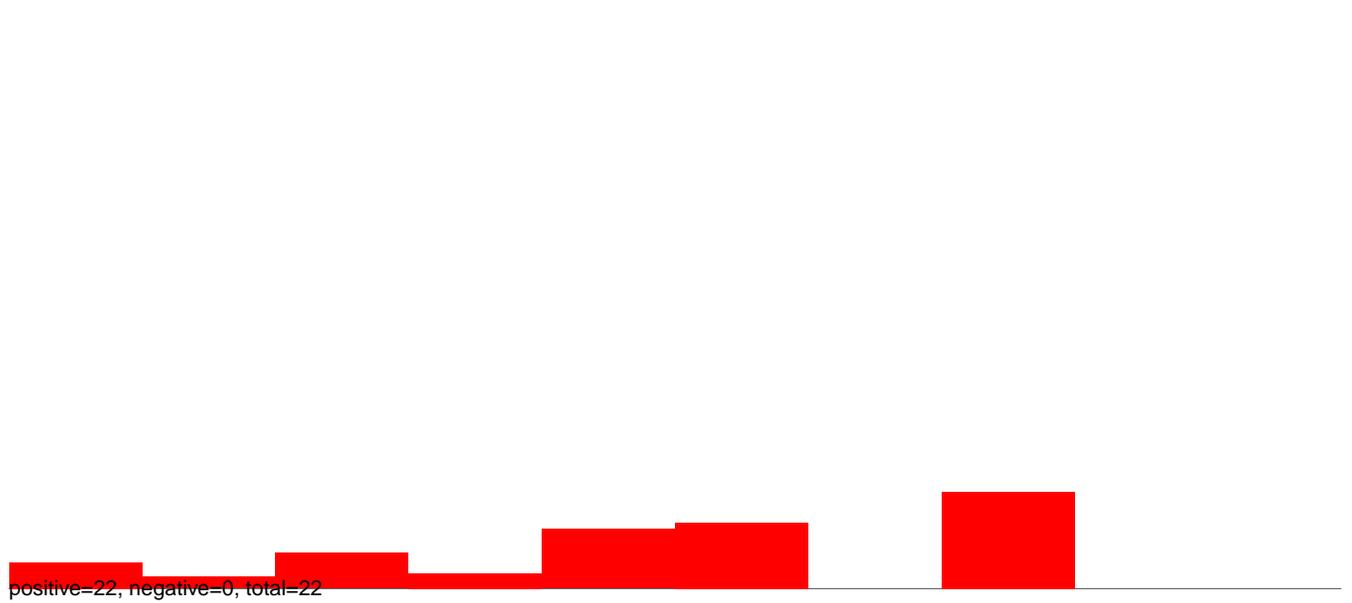
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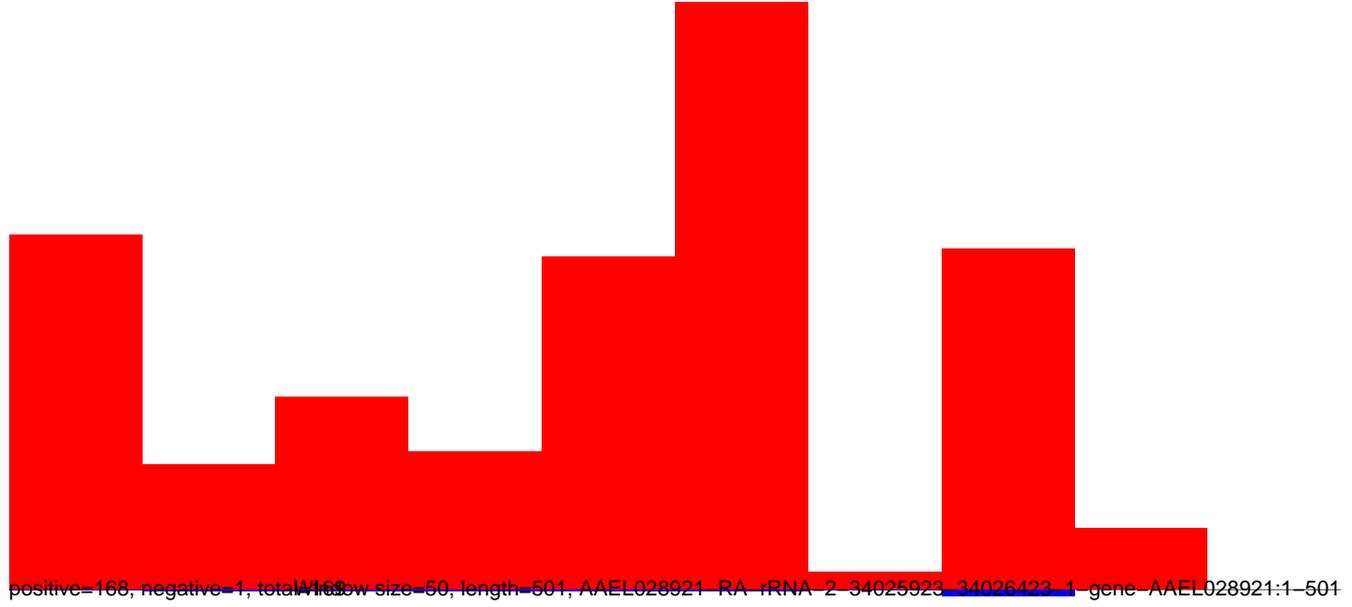
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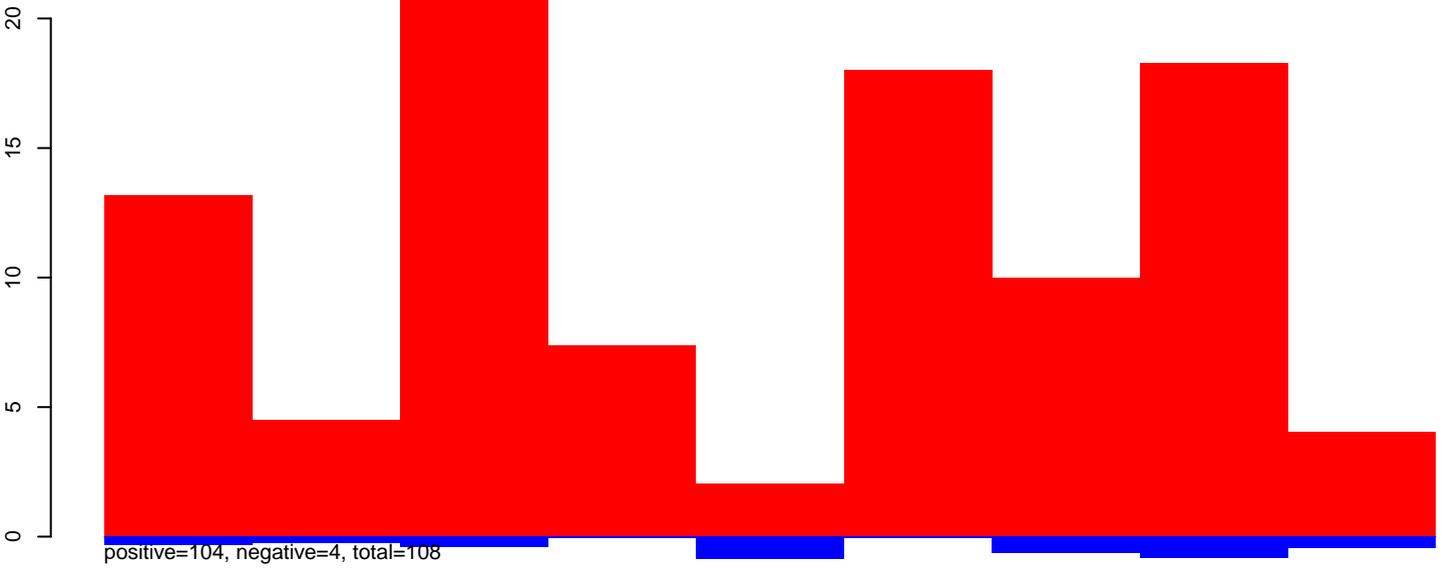
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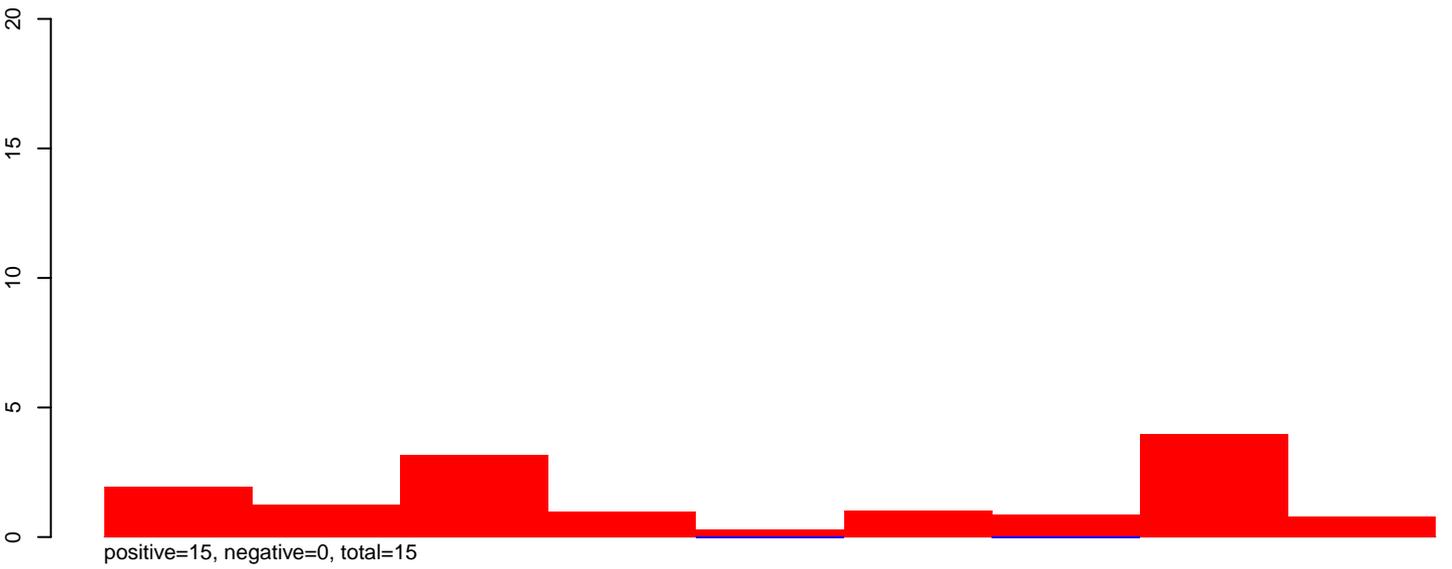
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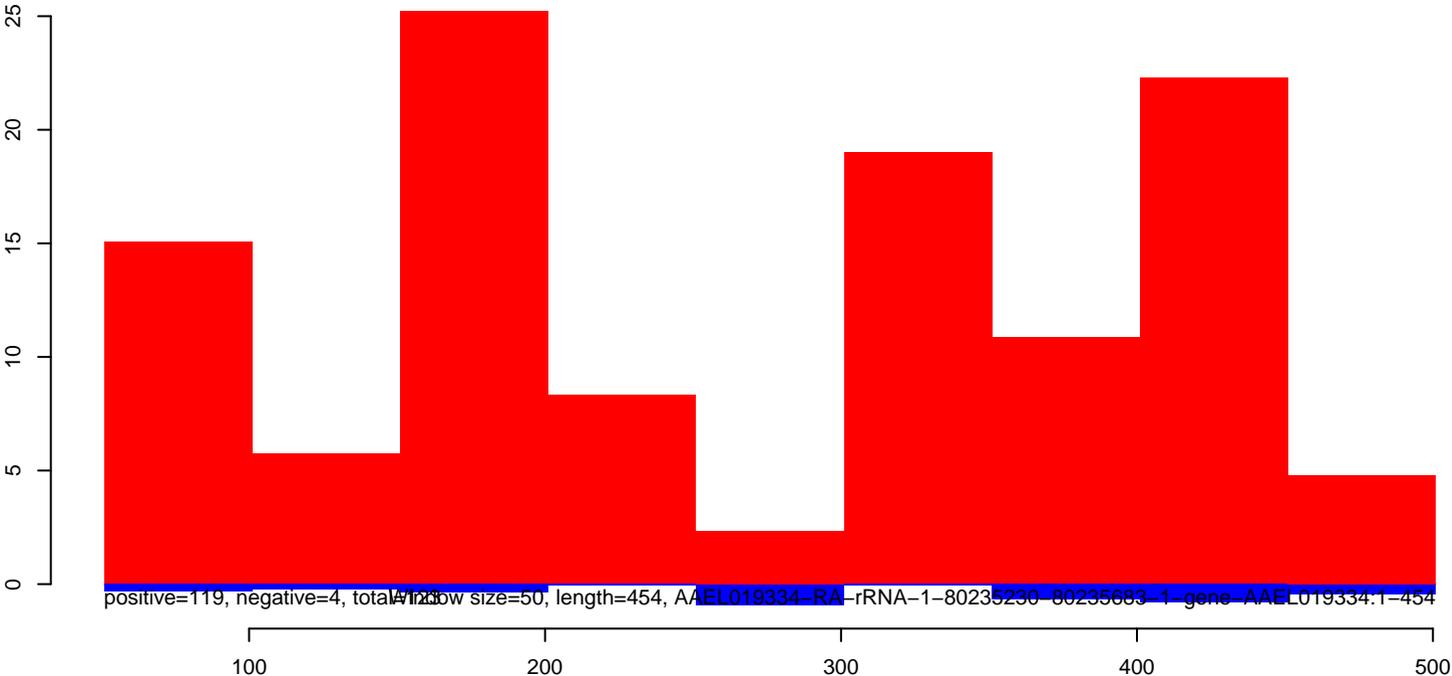
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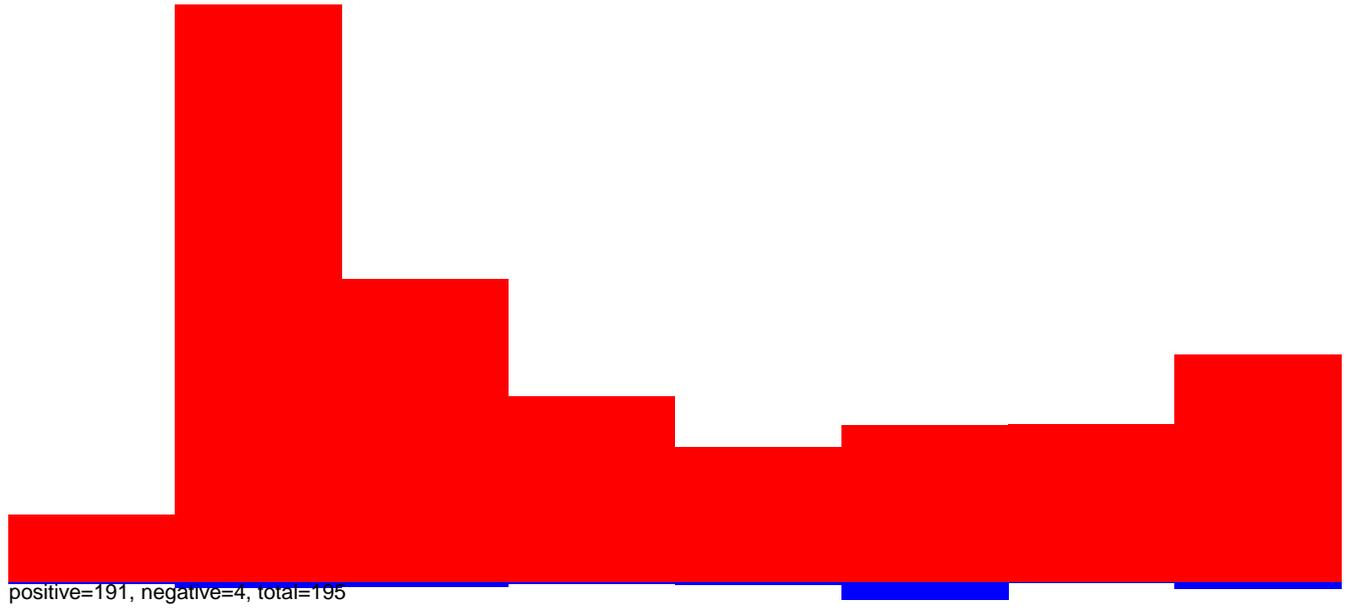
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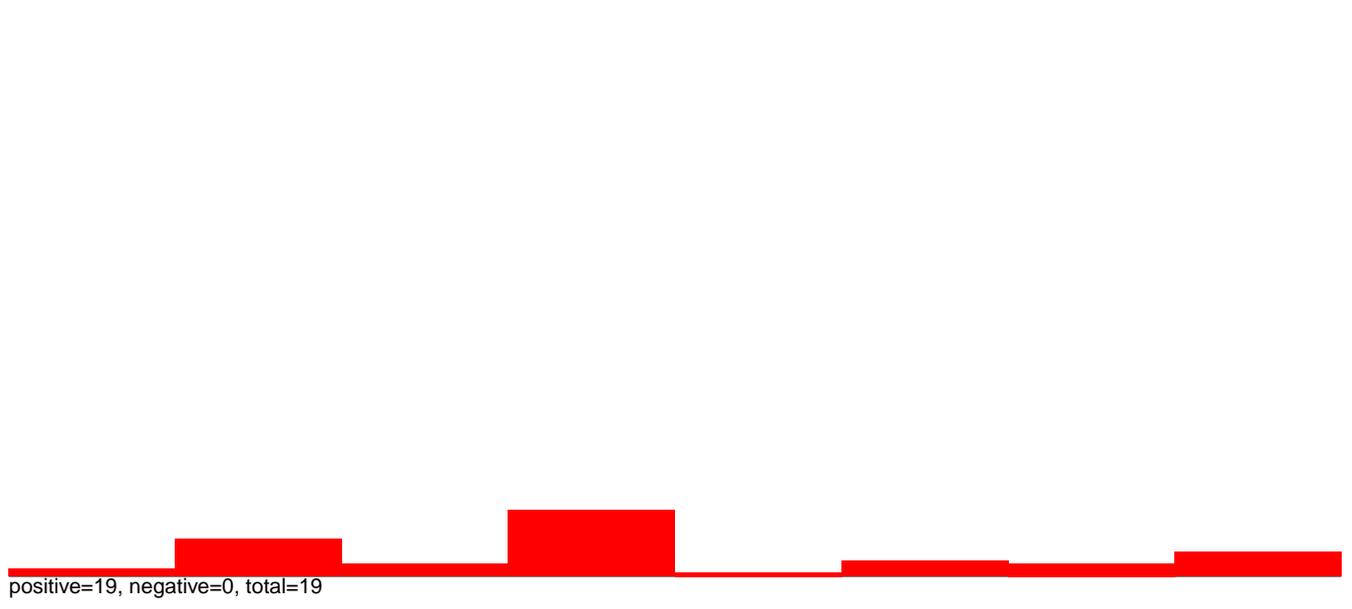
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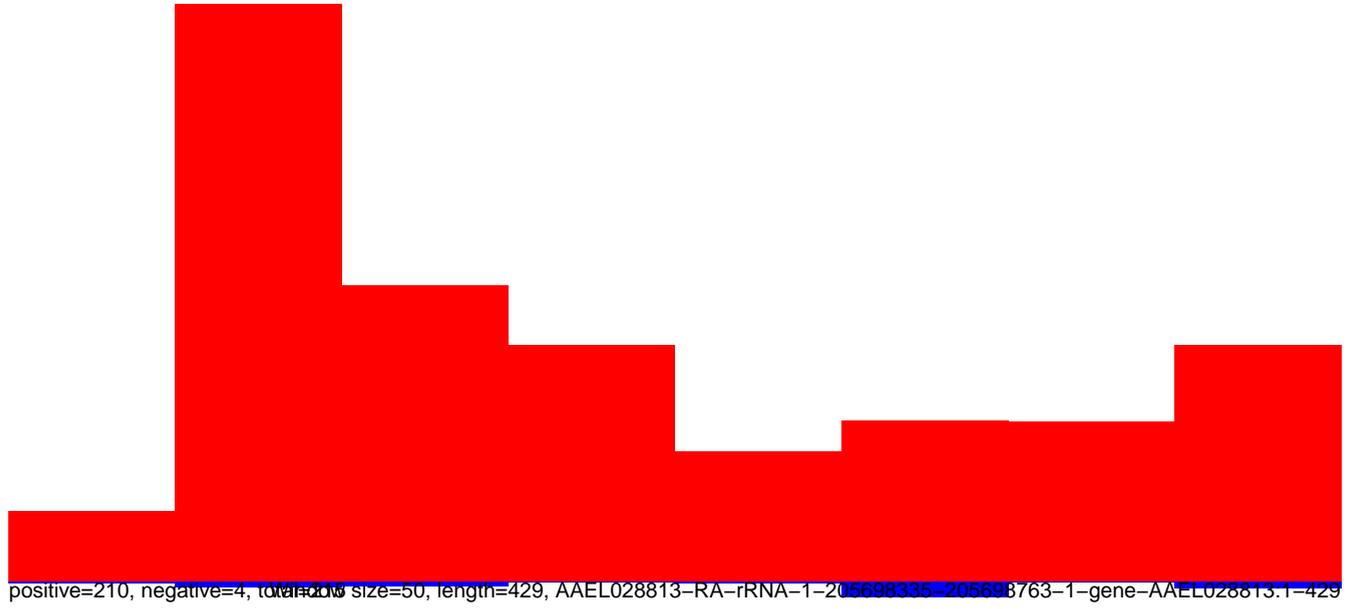
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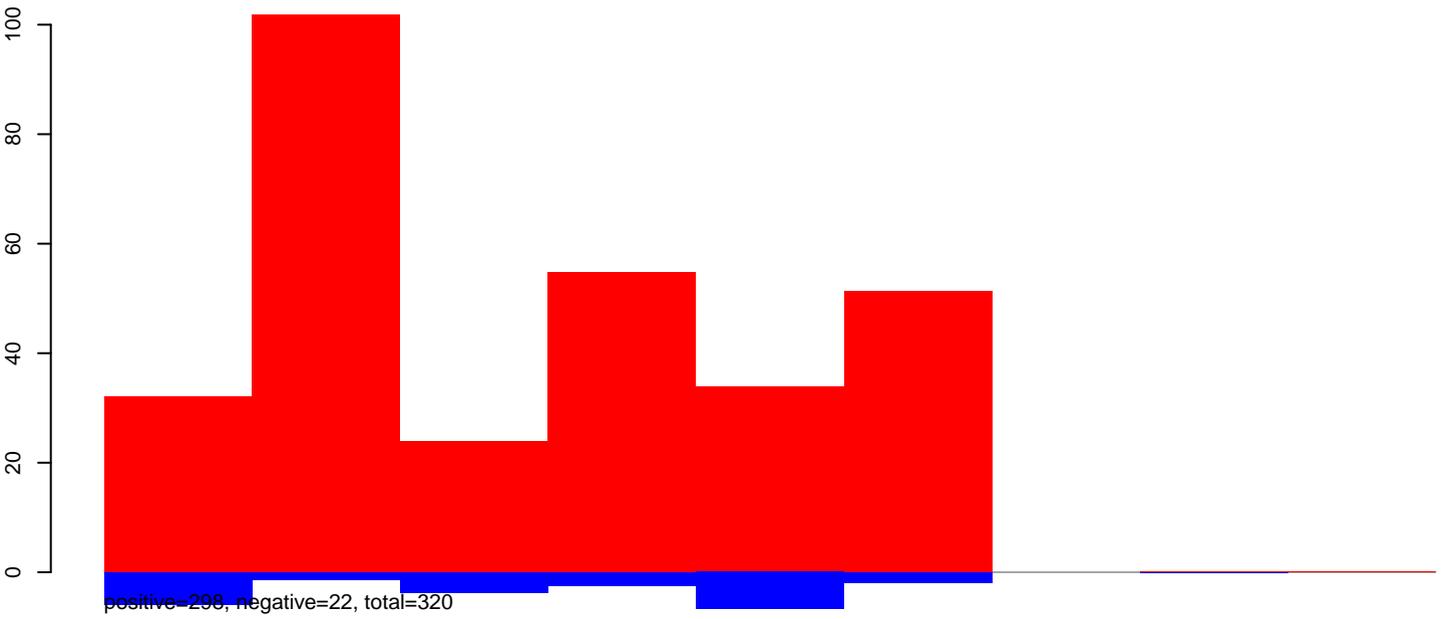
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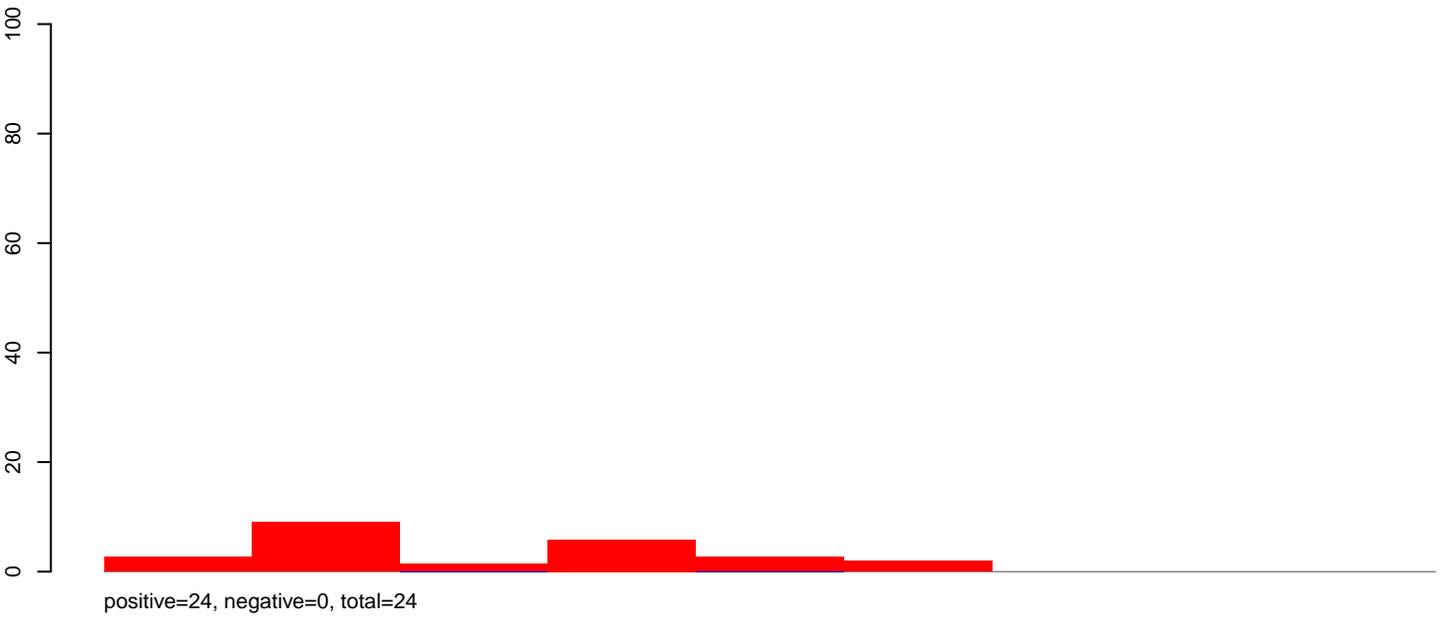
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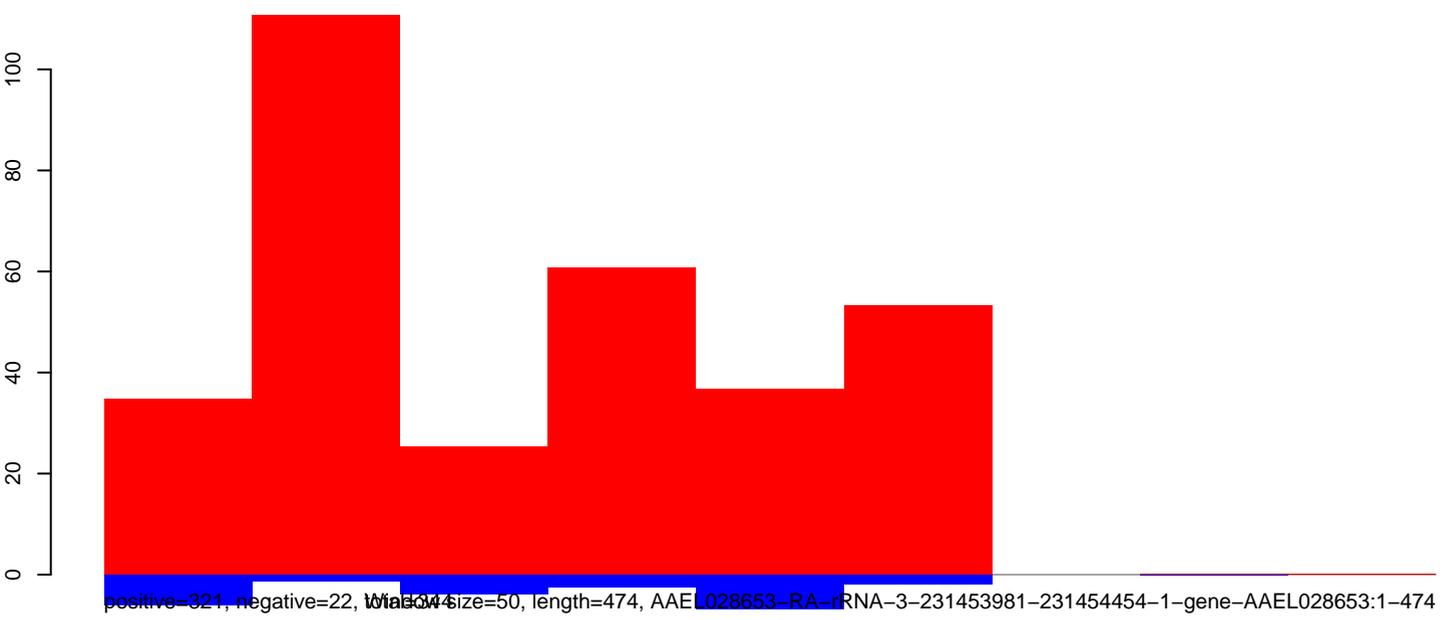
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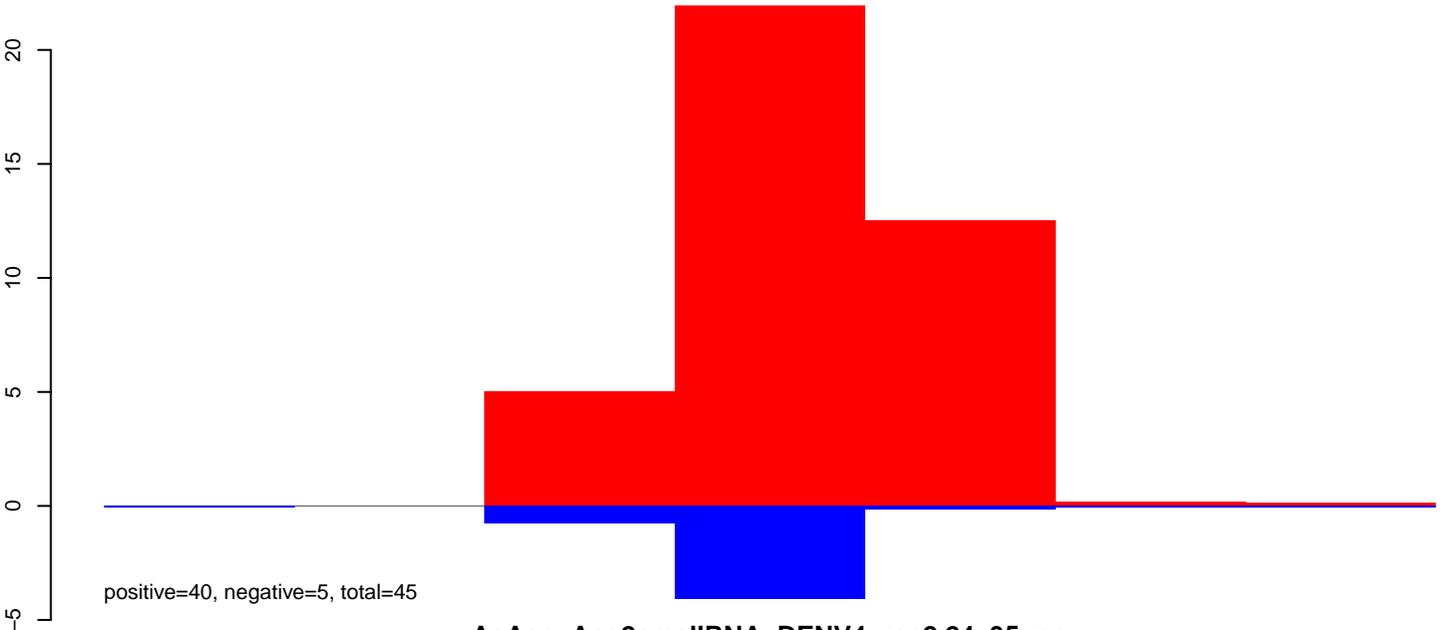
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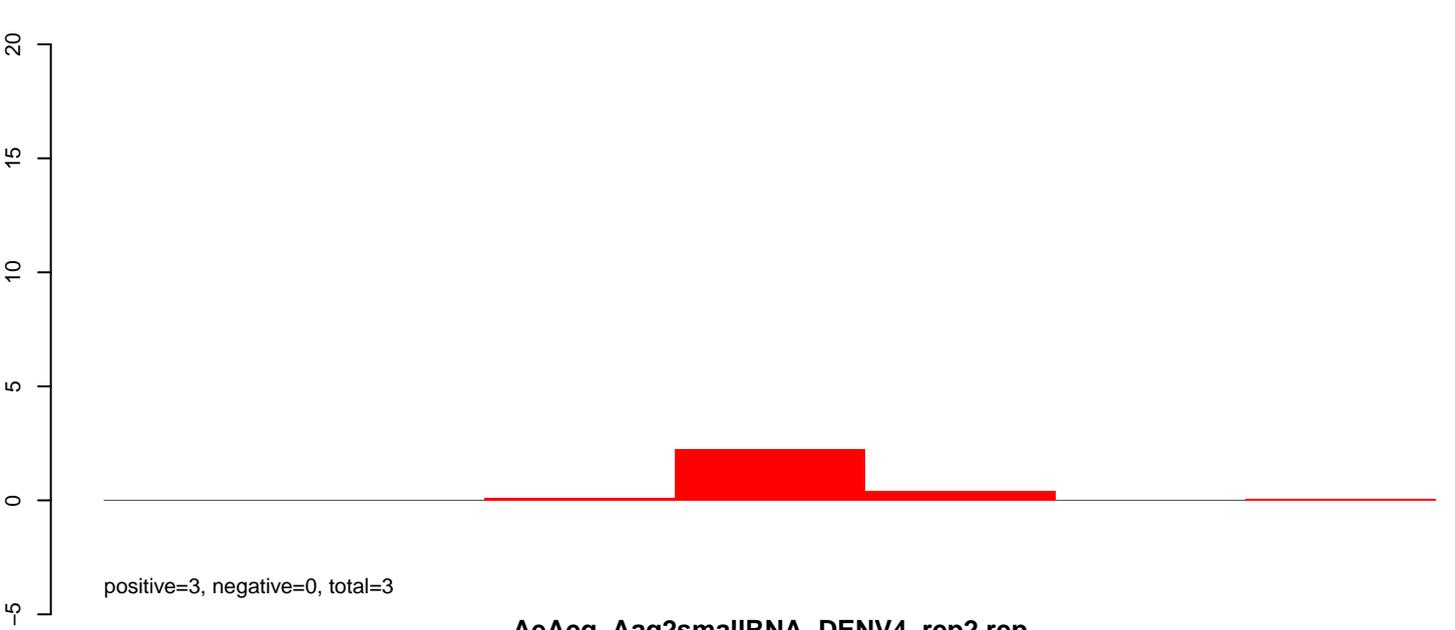
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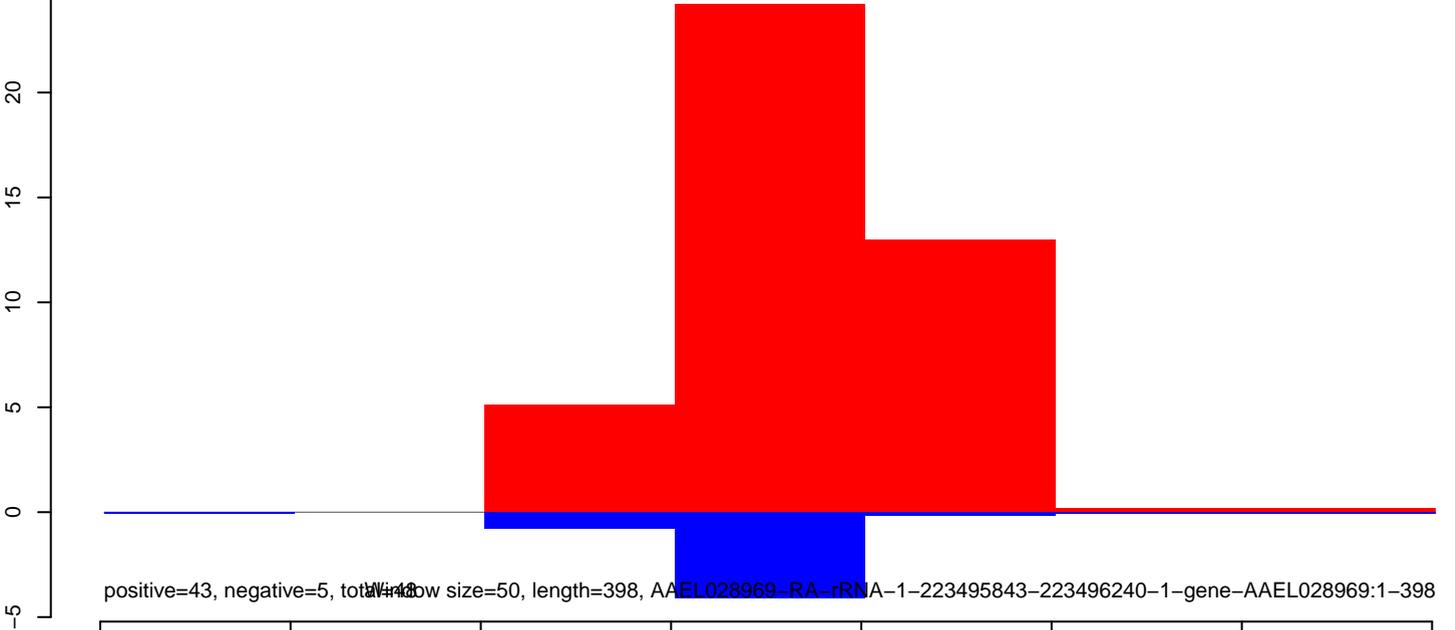
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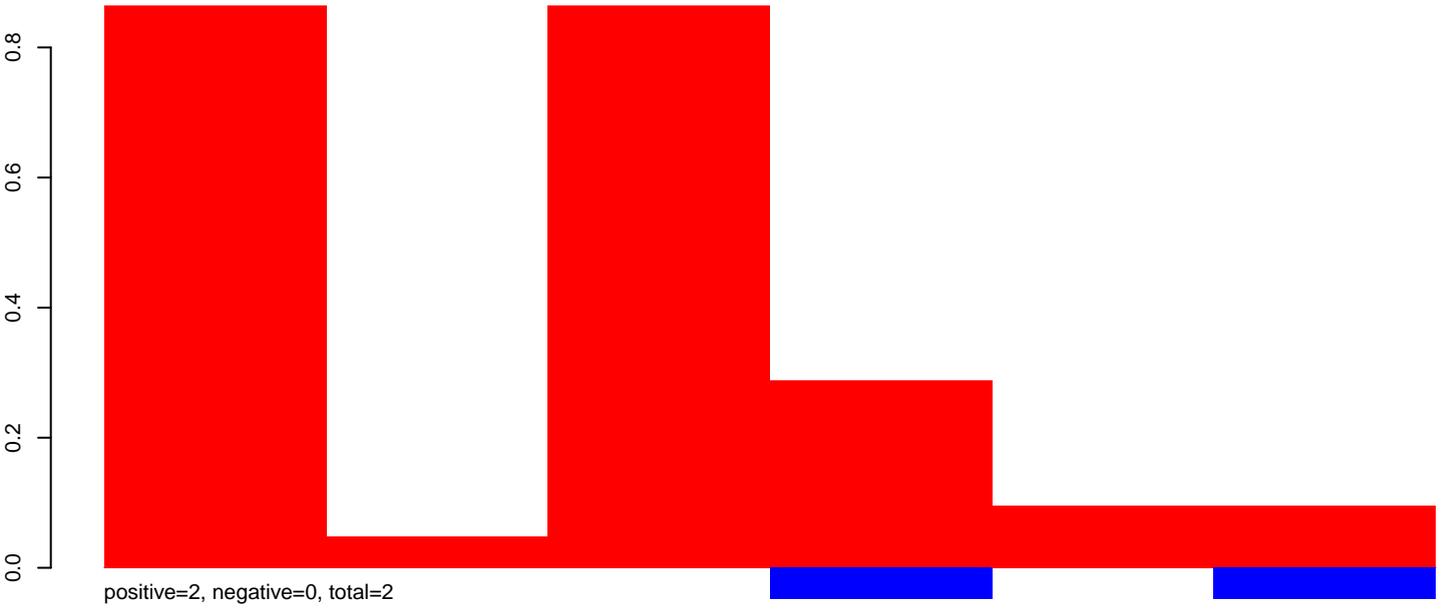
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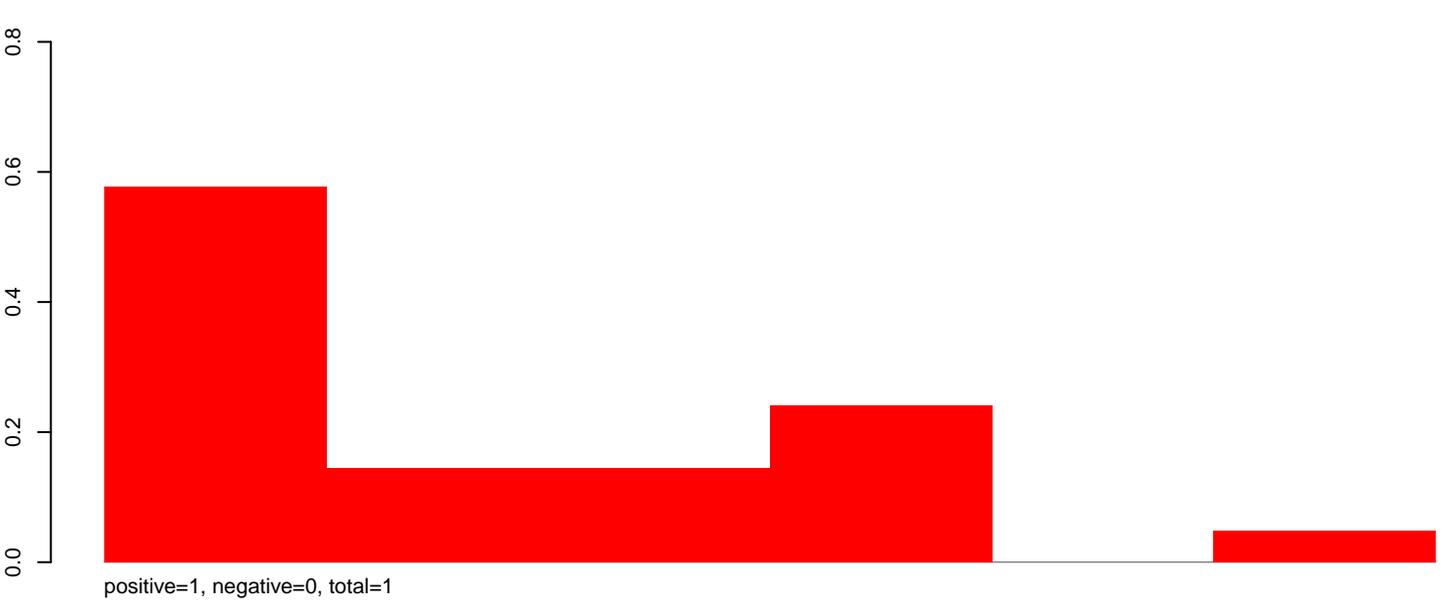
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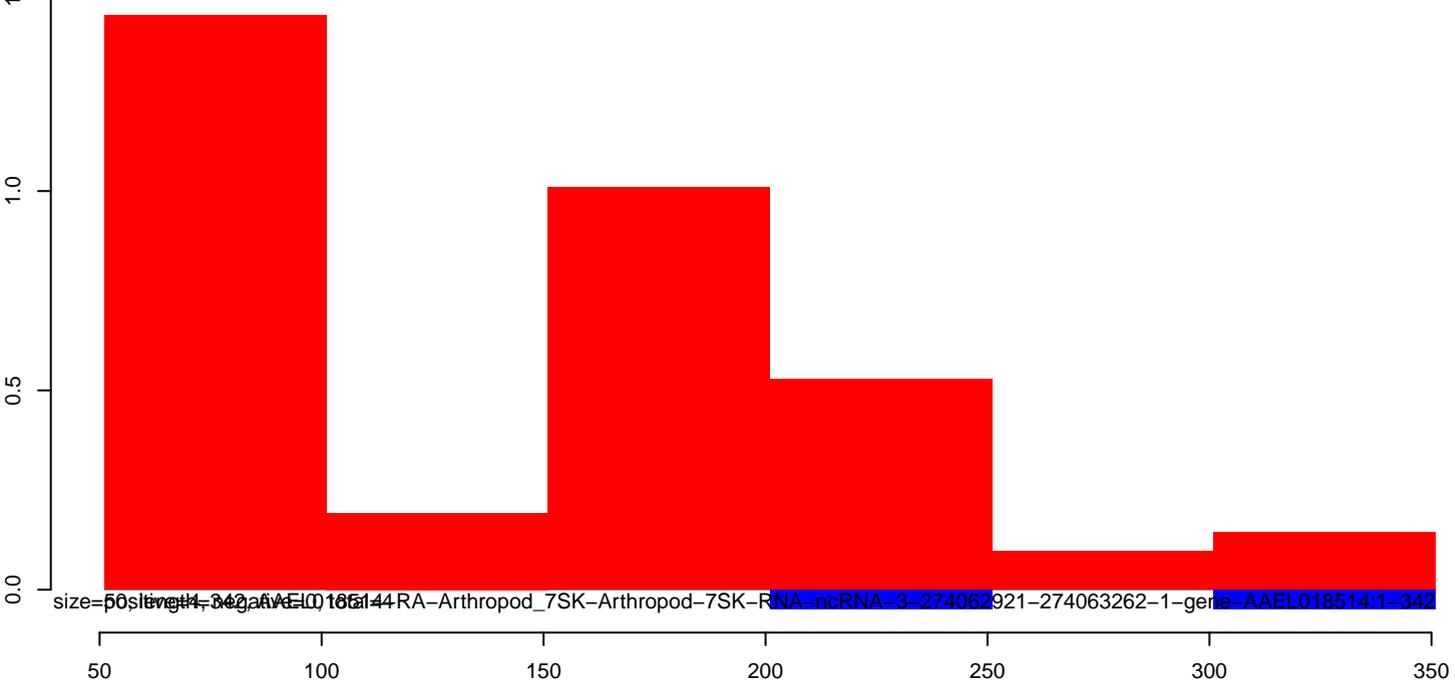
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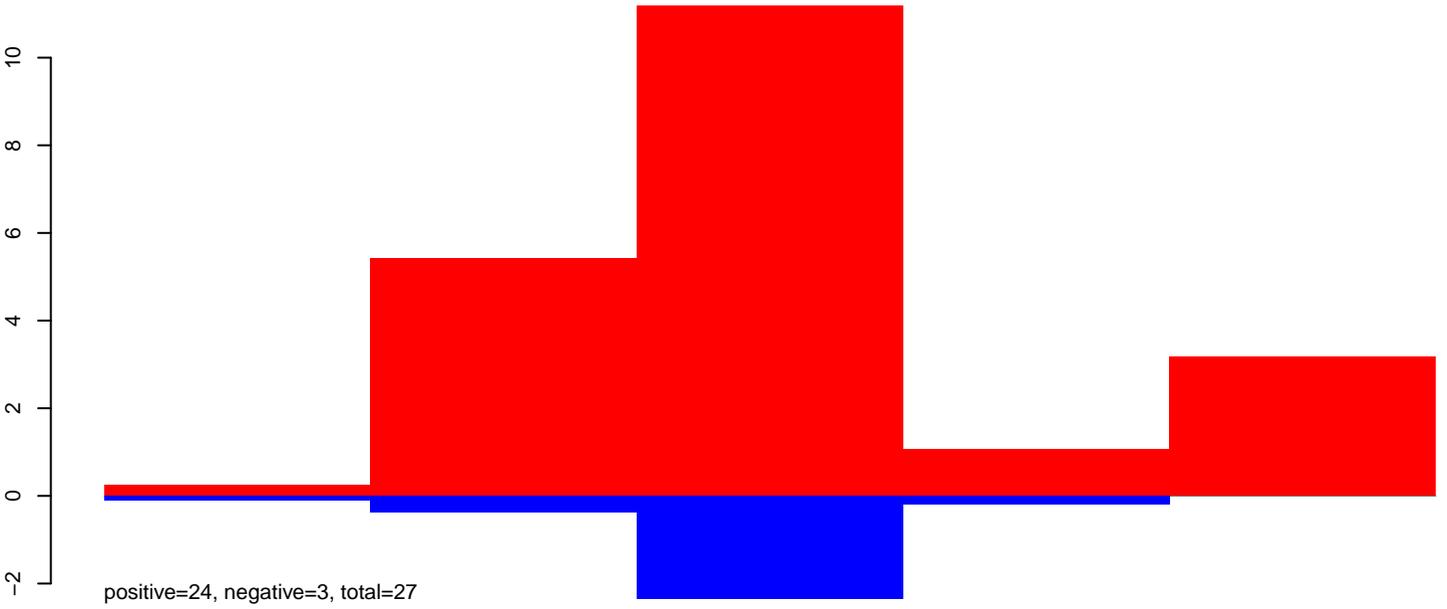
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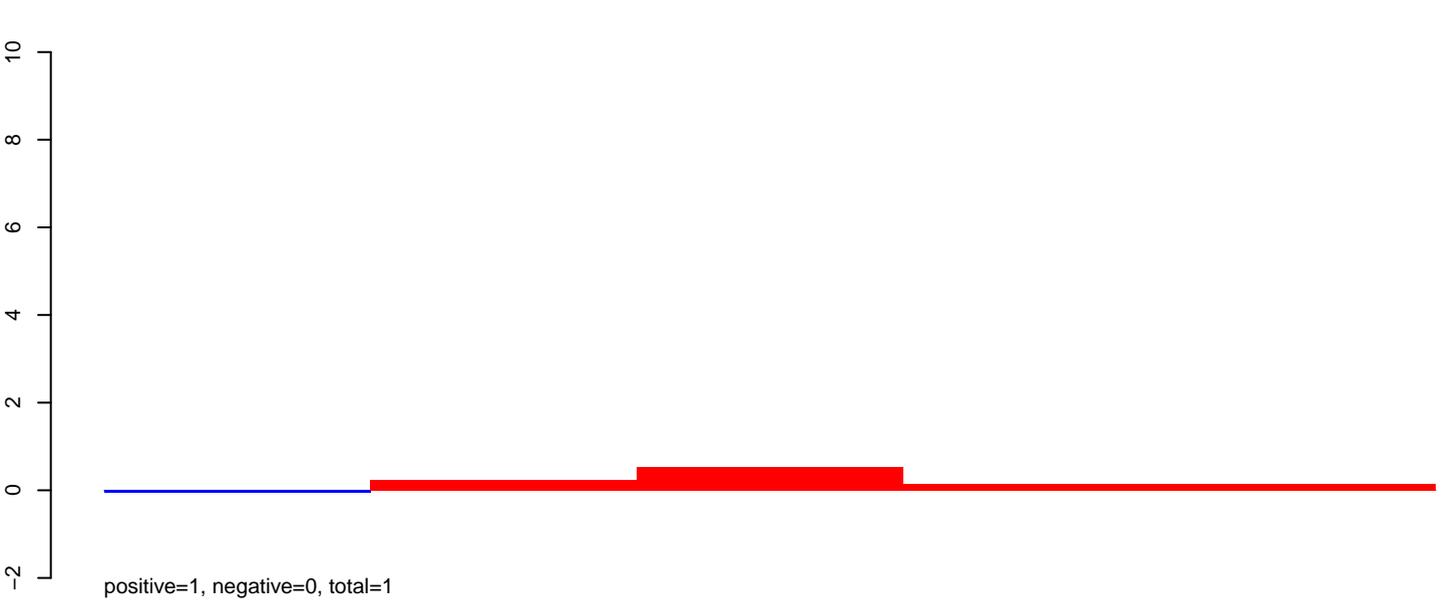
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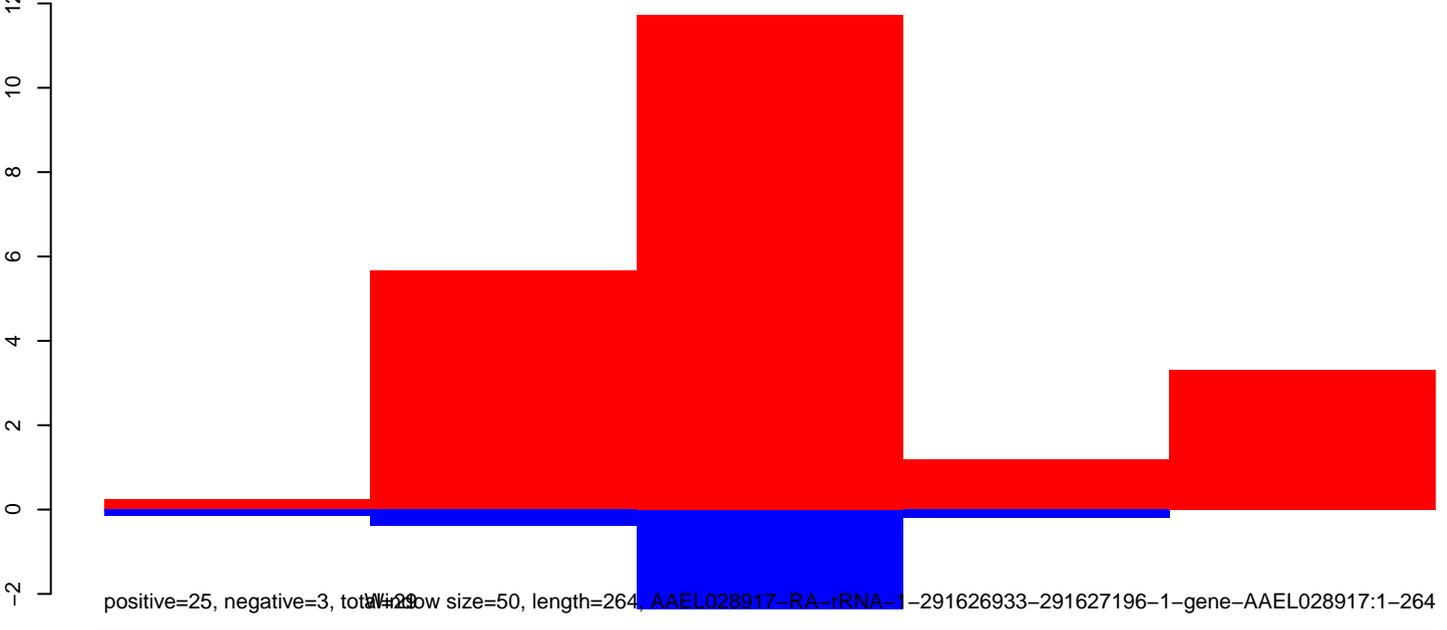
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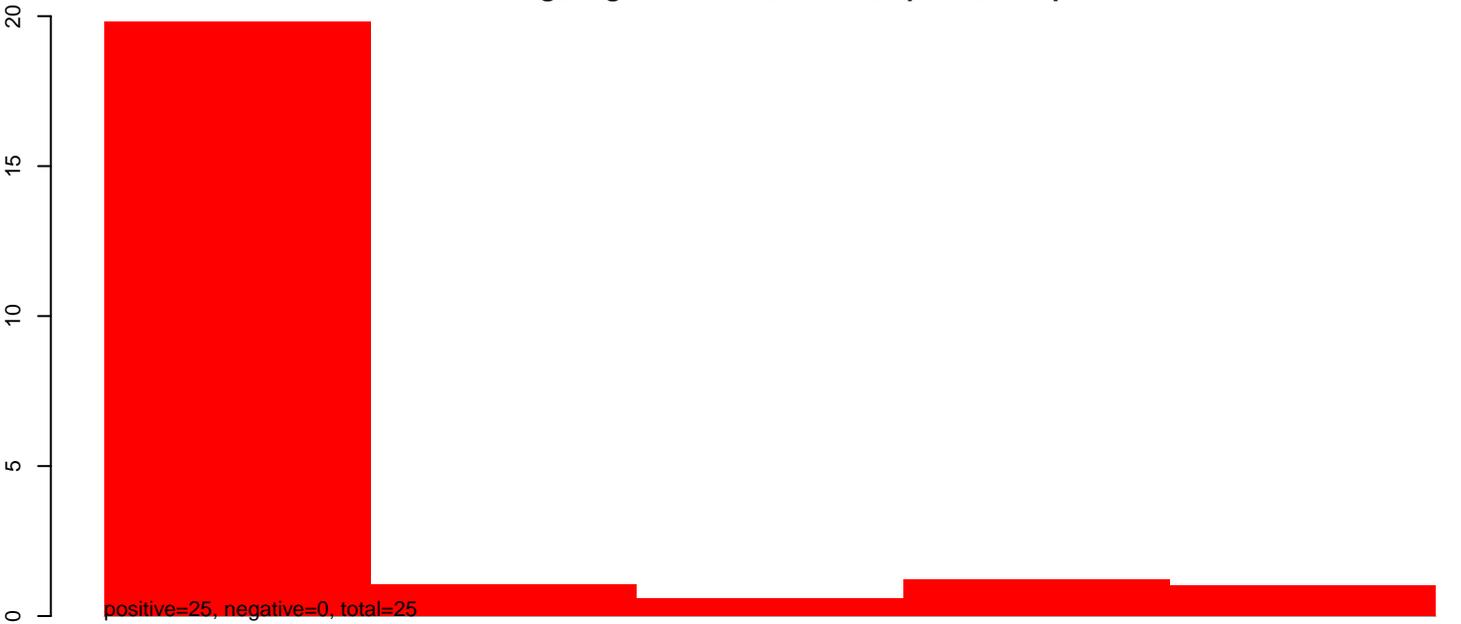


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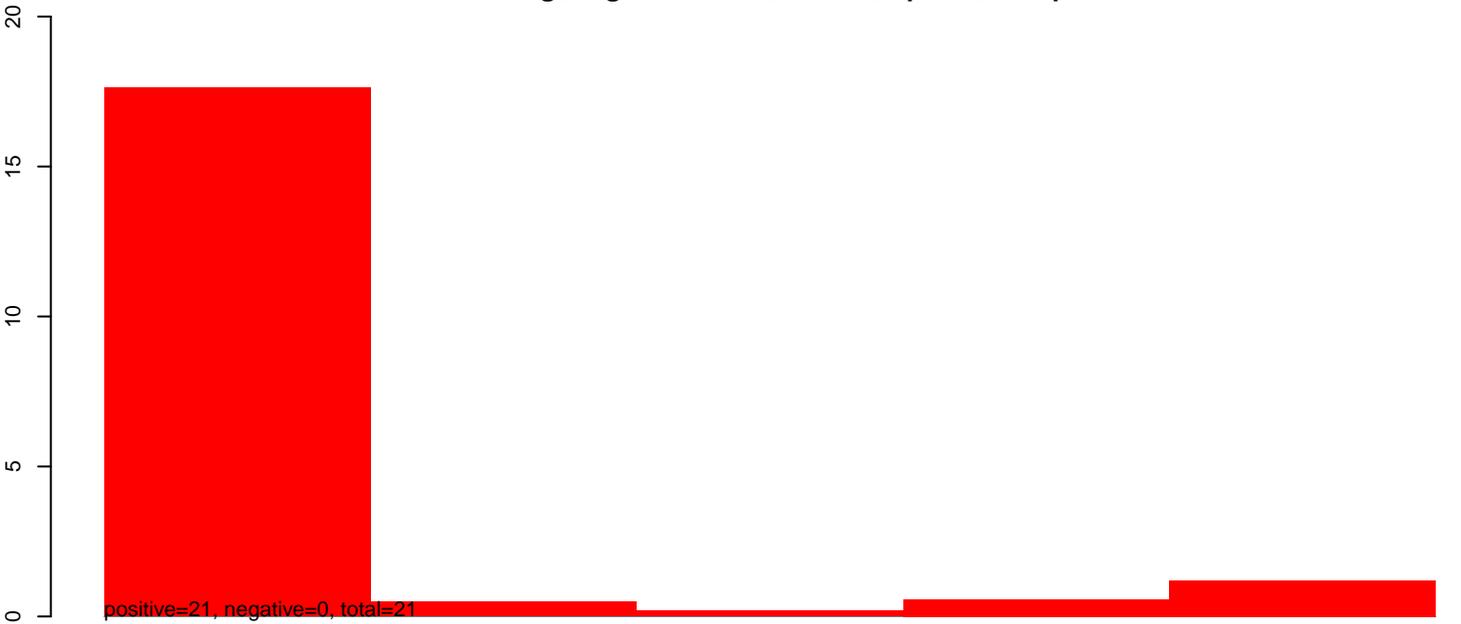


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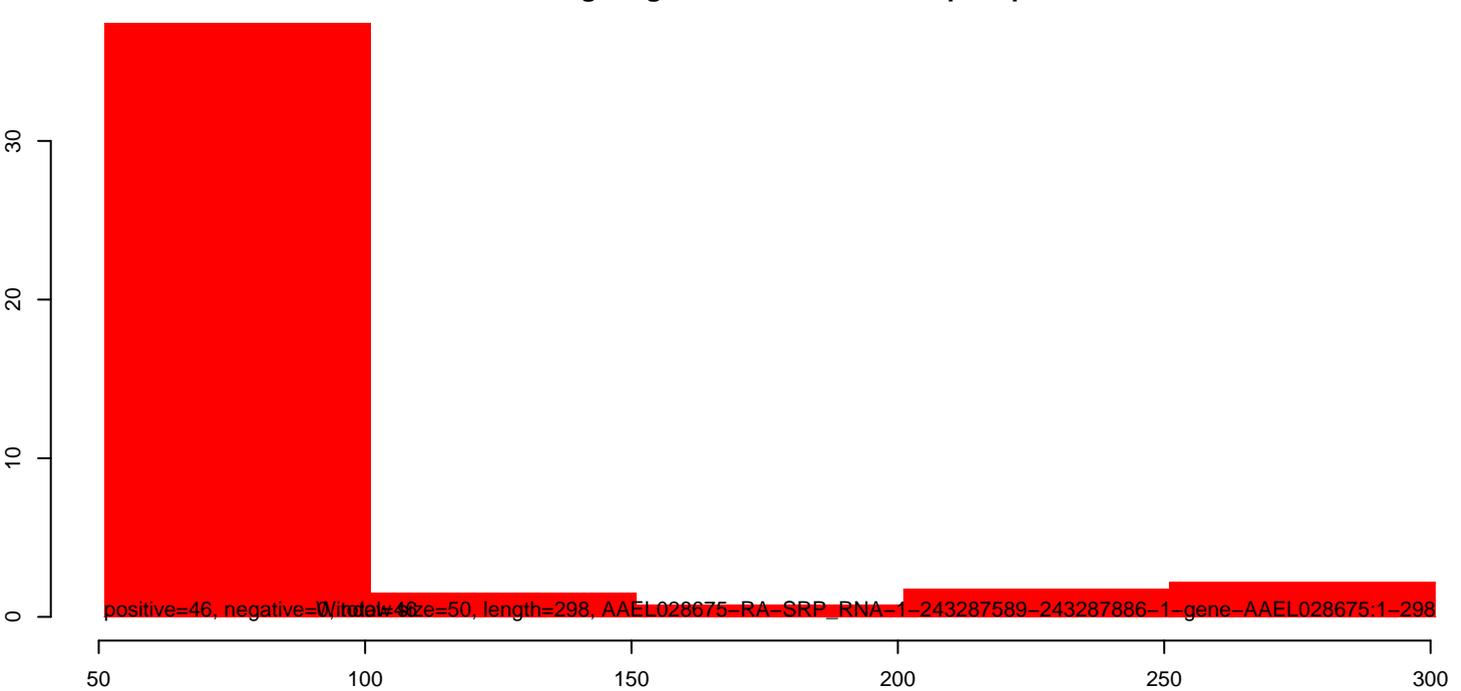
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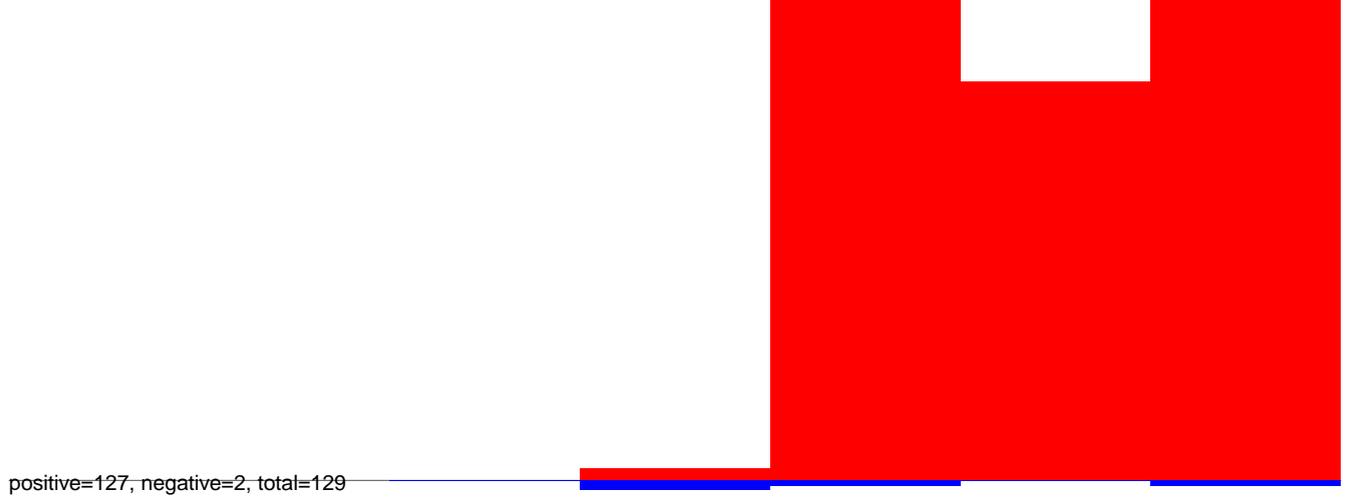
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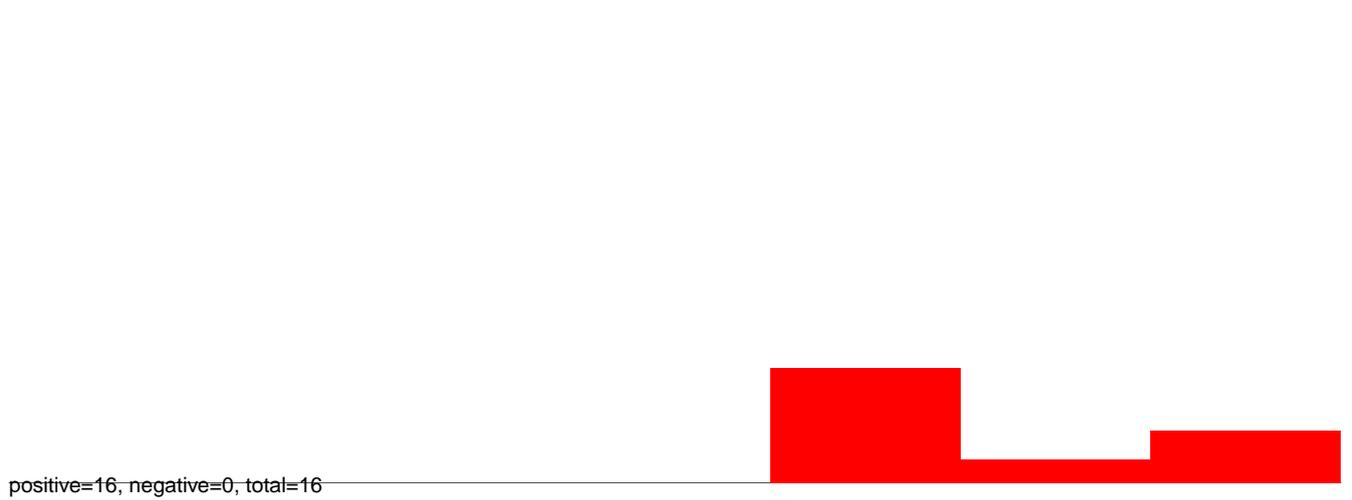
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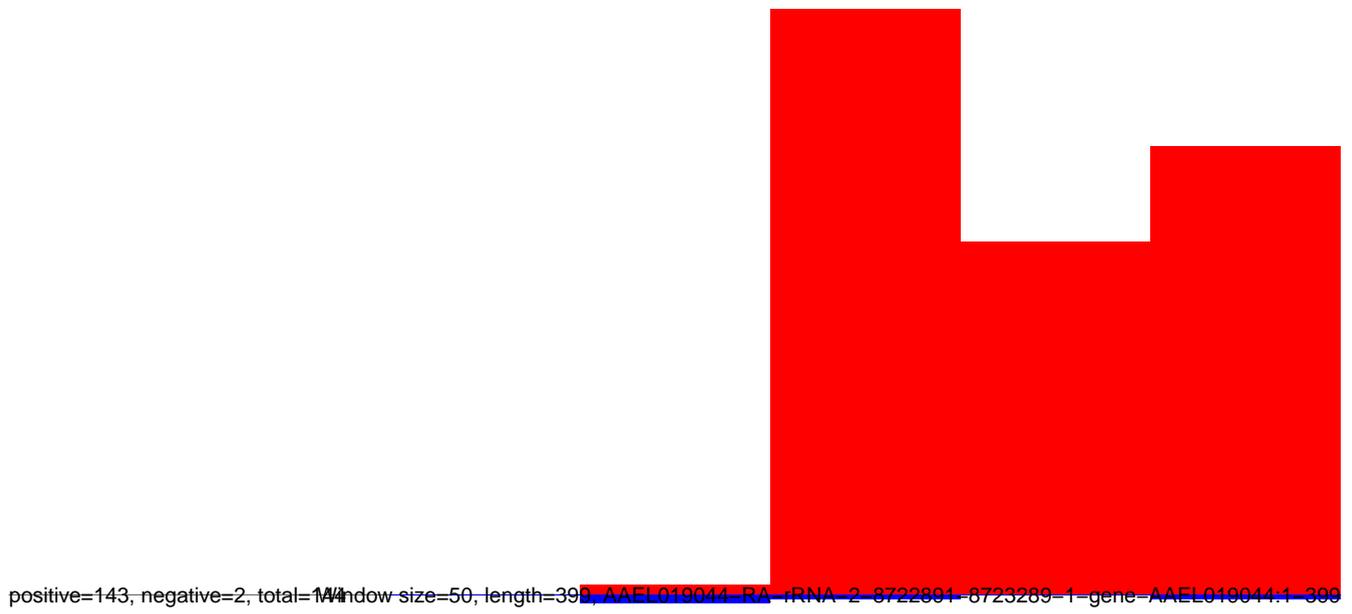
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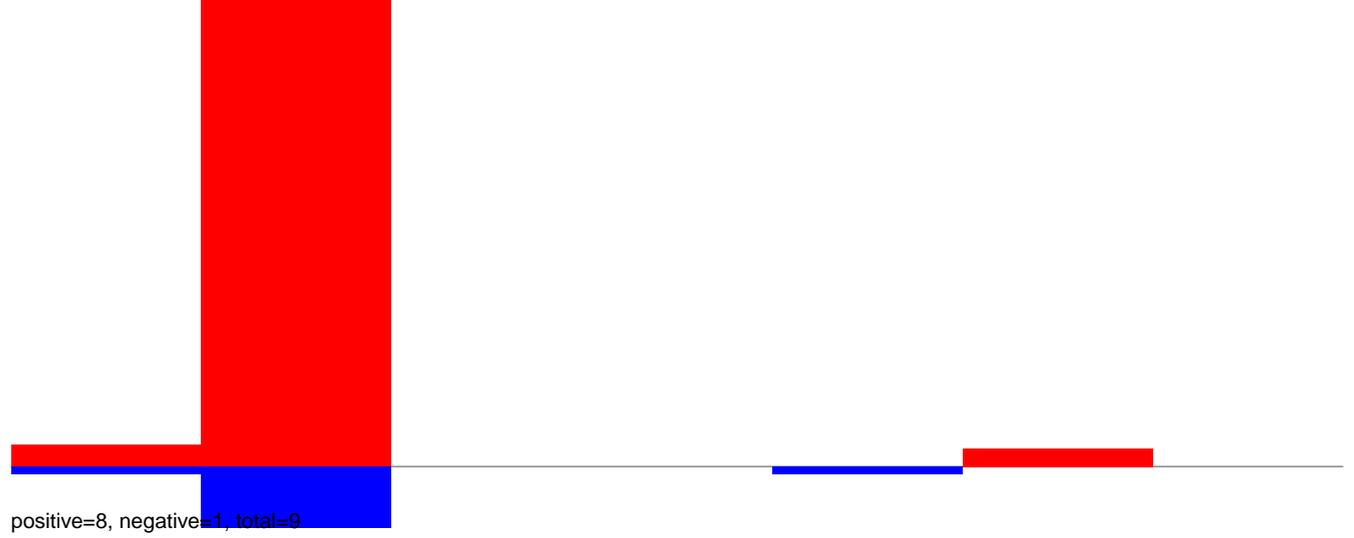


**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**

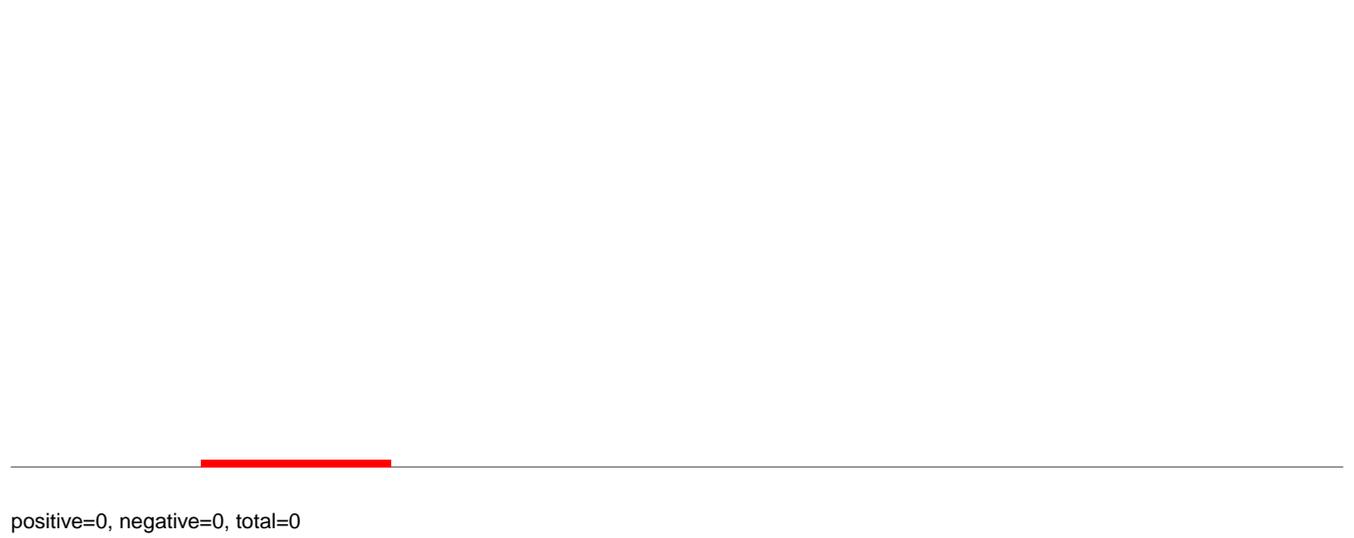


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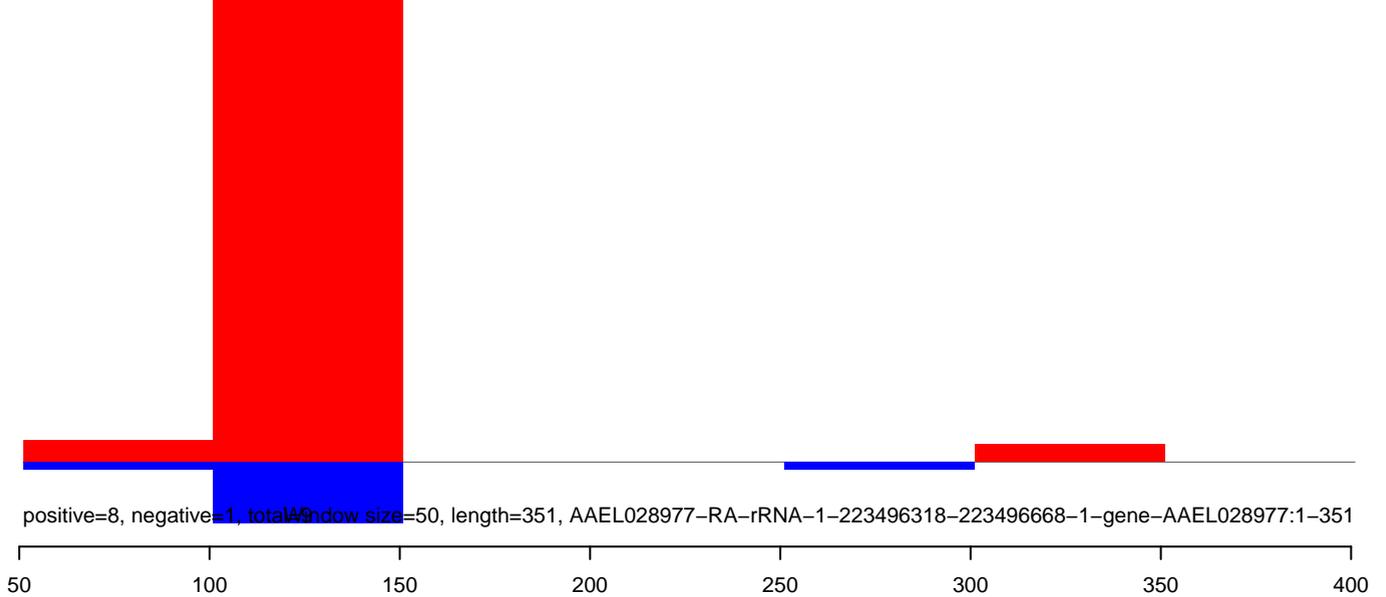
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep**



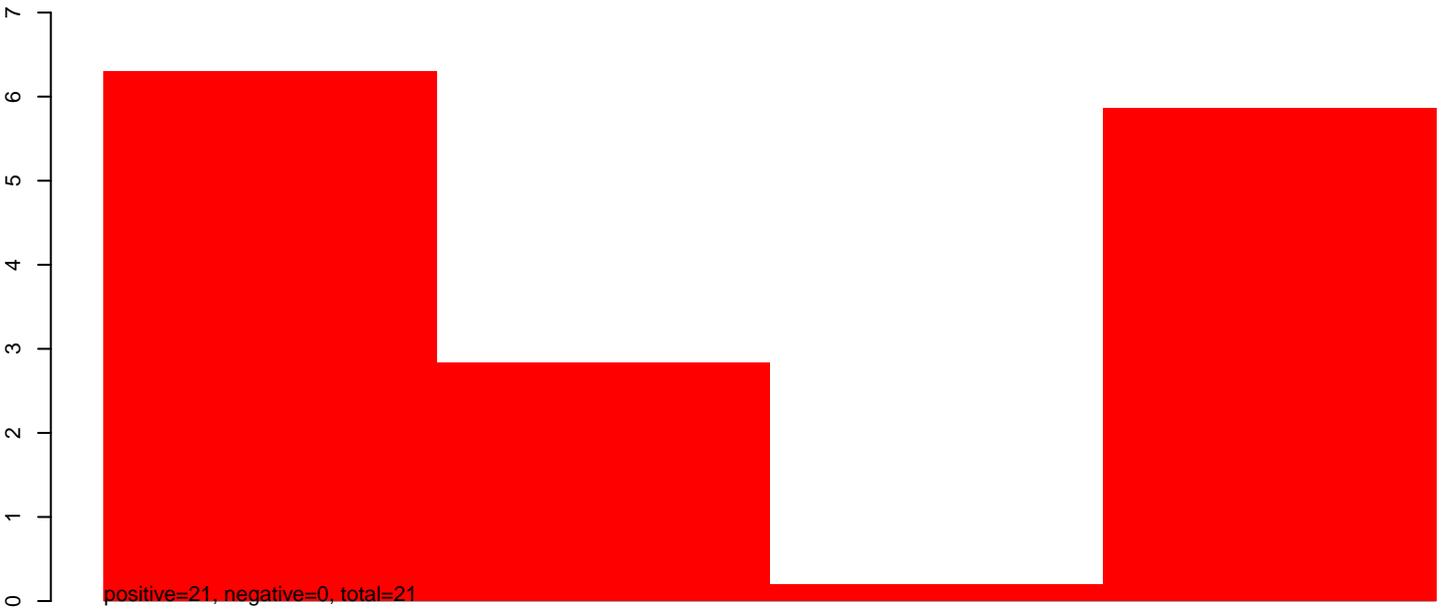
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



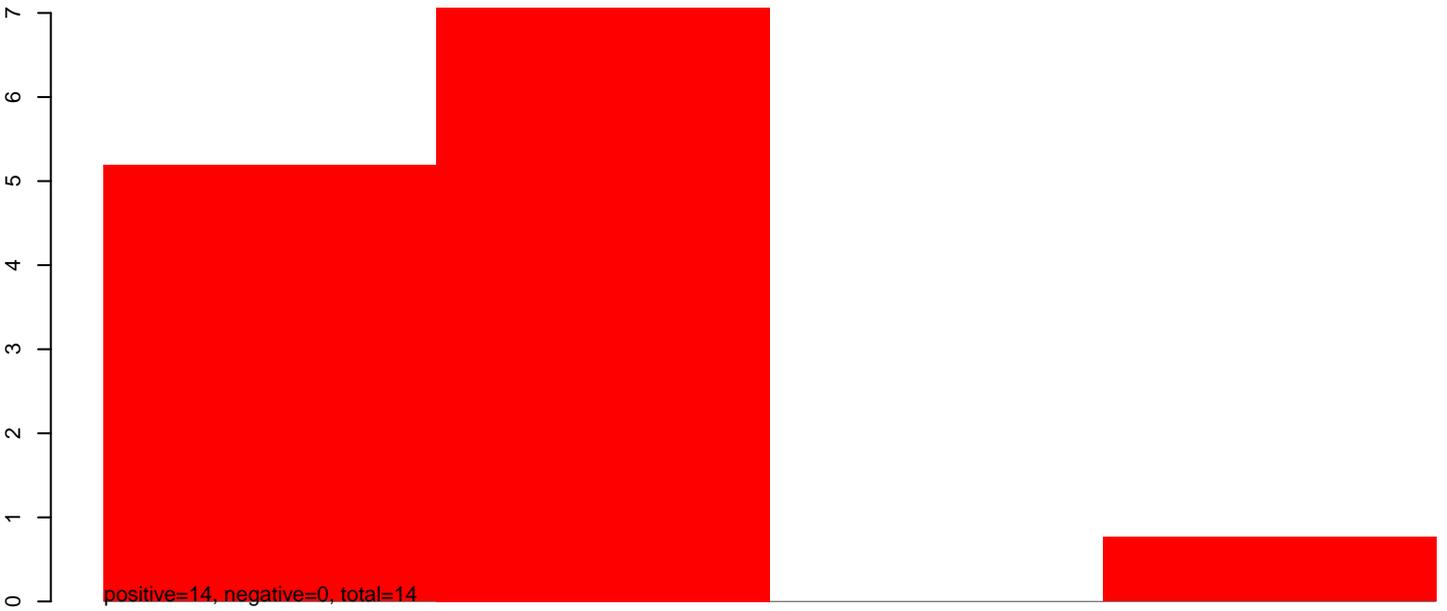
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep



AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep

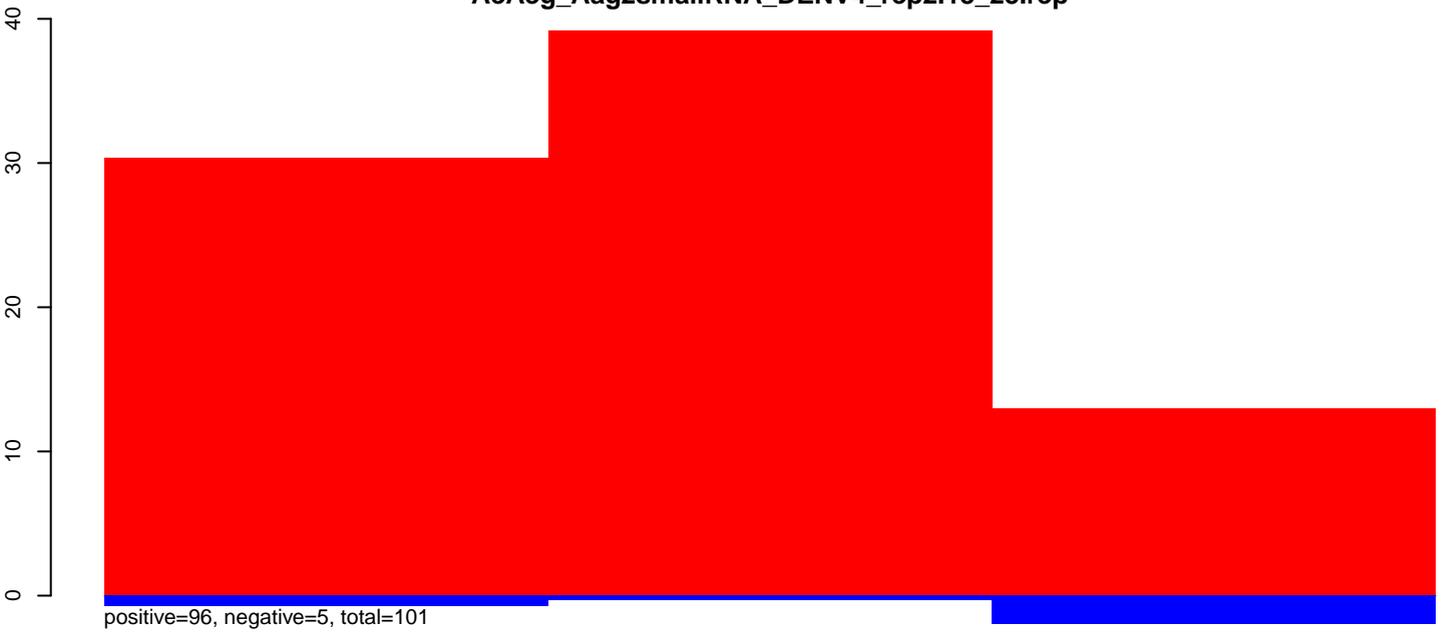


AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep

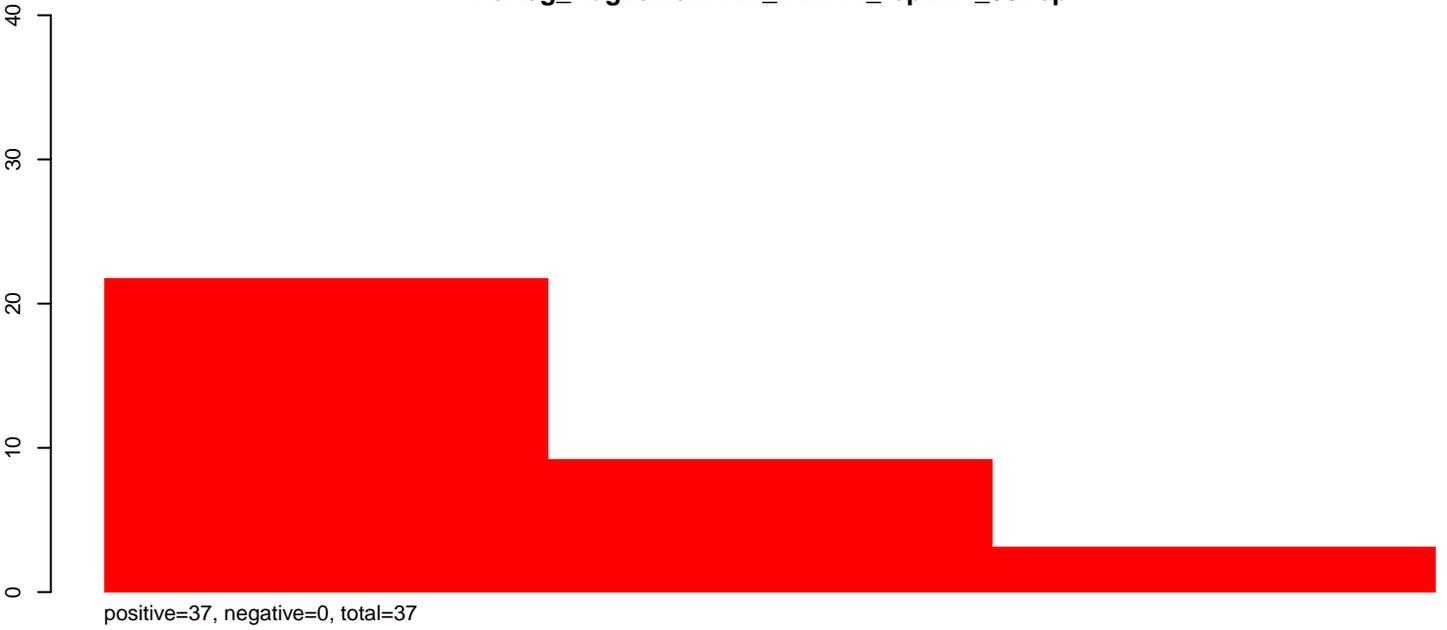


Window size=50, range=10, total=35  
AAEL017740-RA-U3-Small-nucleolar-RNA-U3-snoRNA-3-26394899-26395110-1-gene-AAEL017740:1-212

**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**

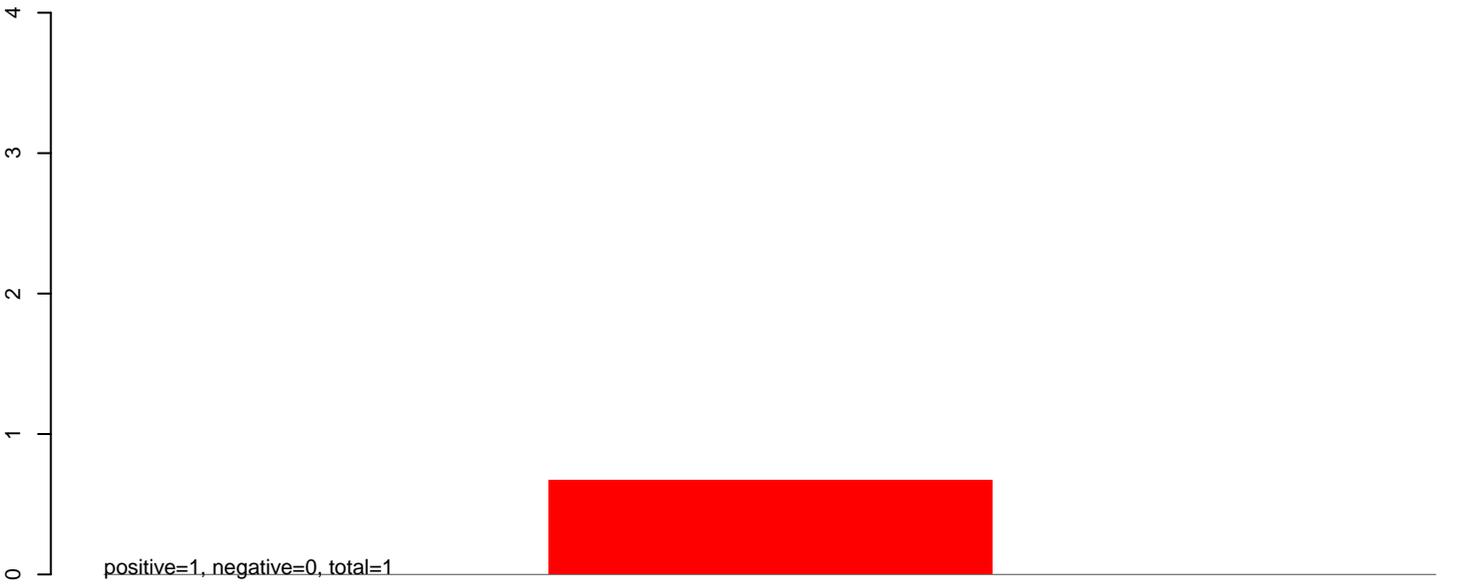


50 100 150 200

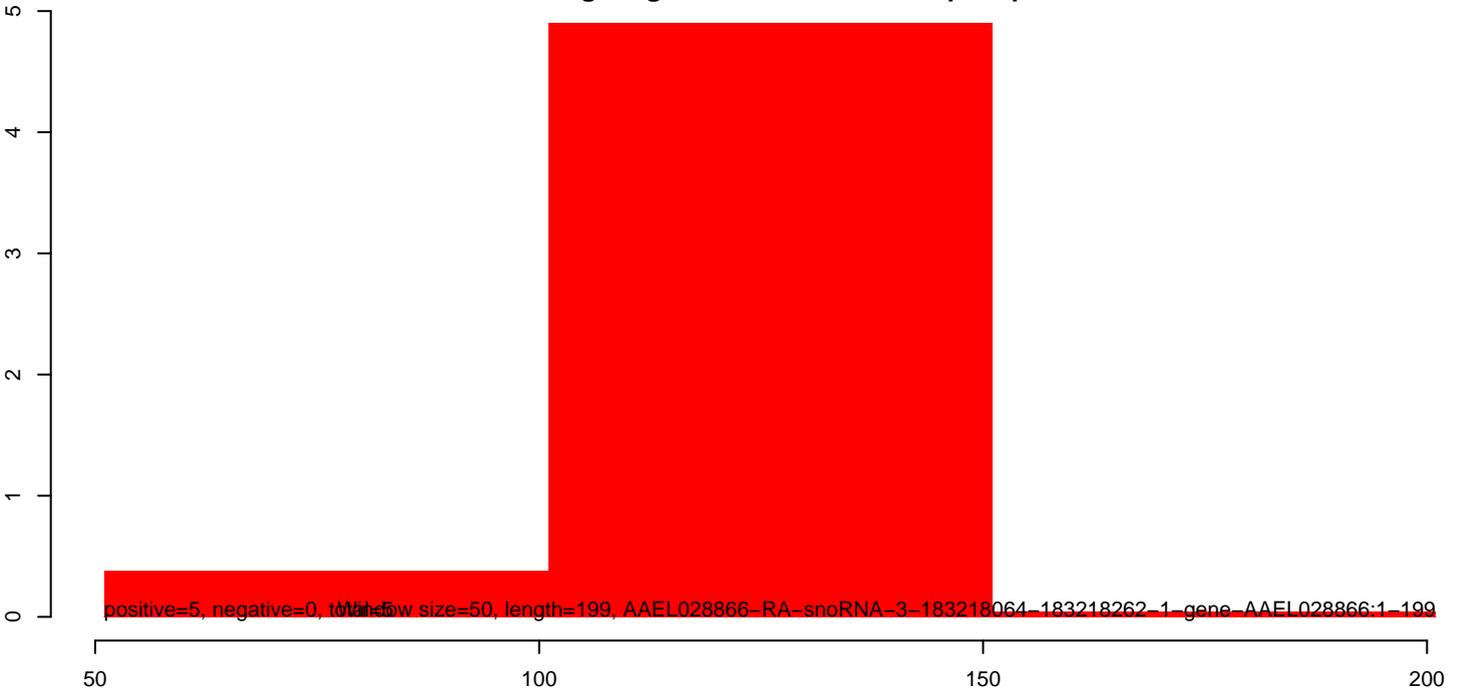
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep**



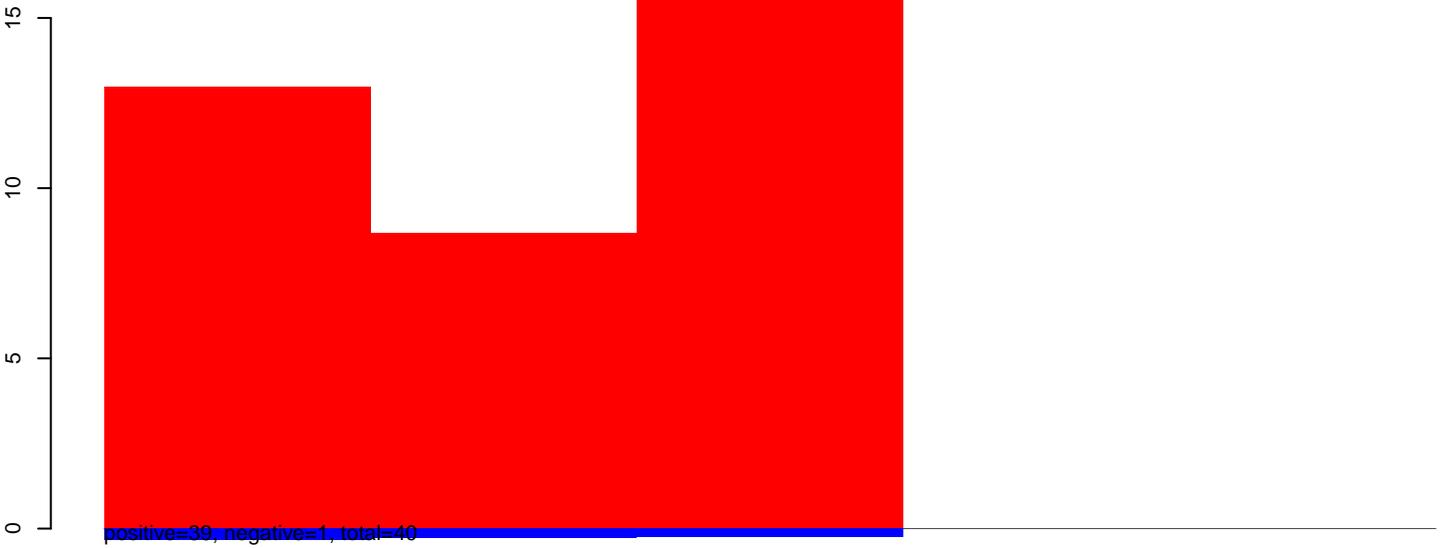
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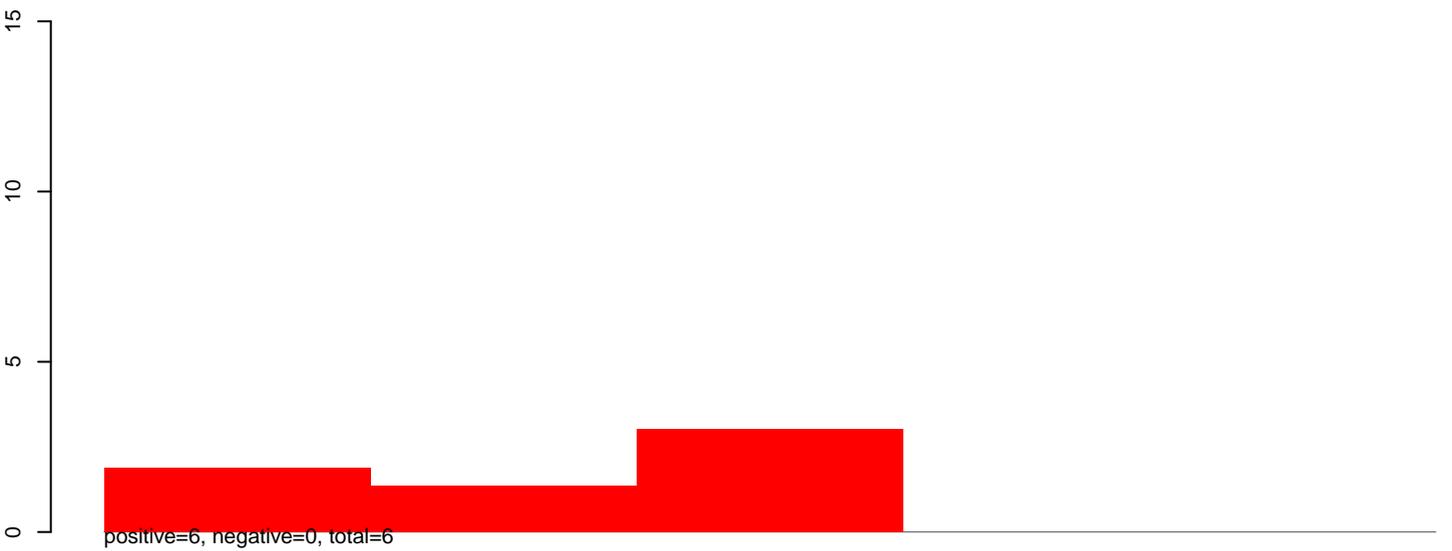
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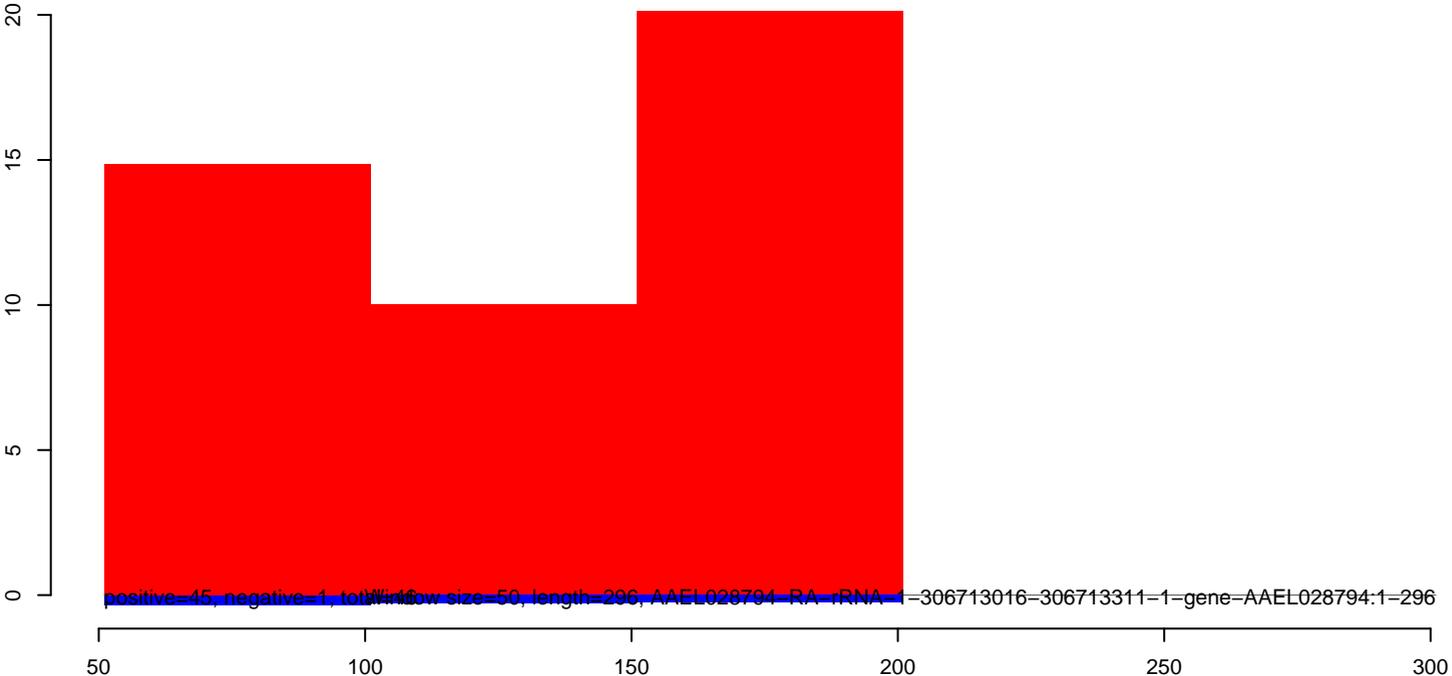
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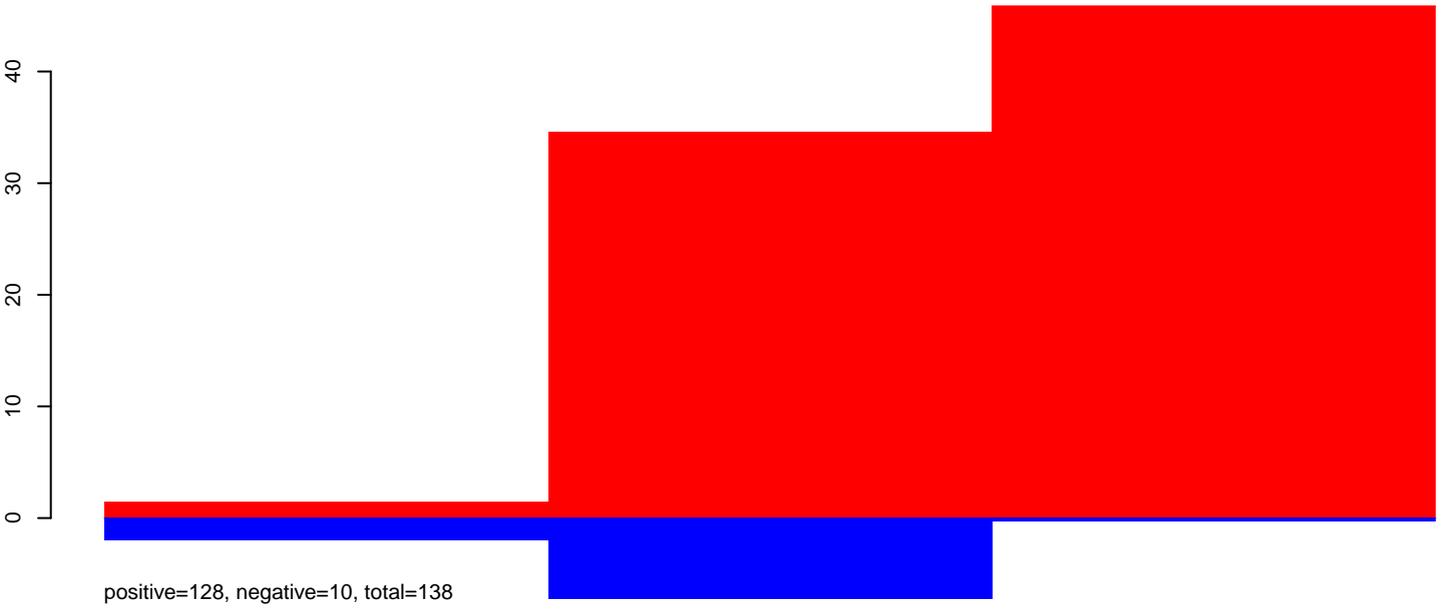
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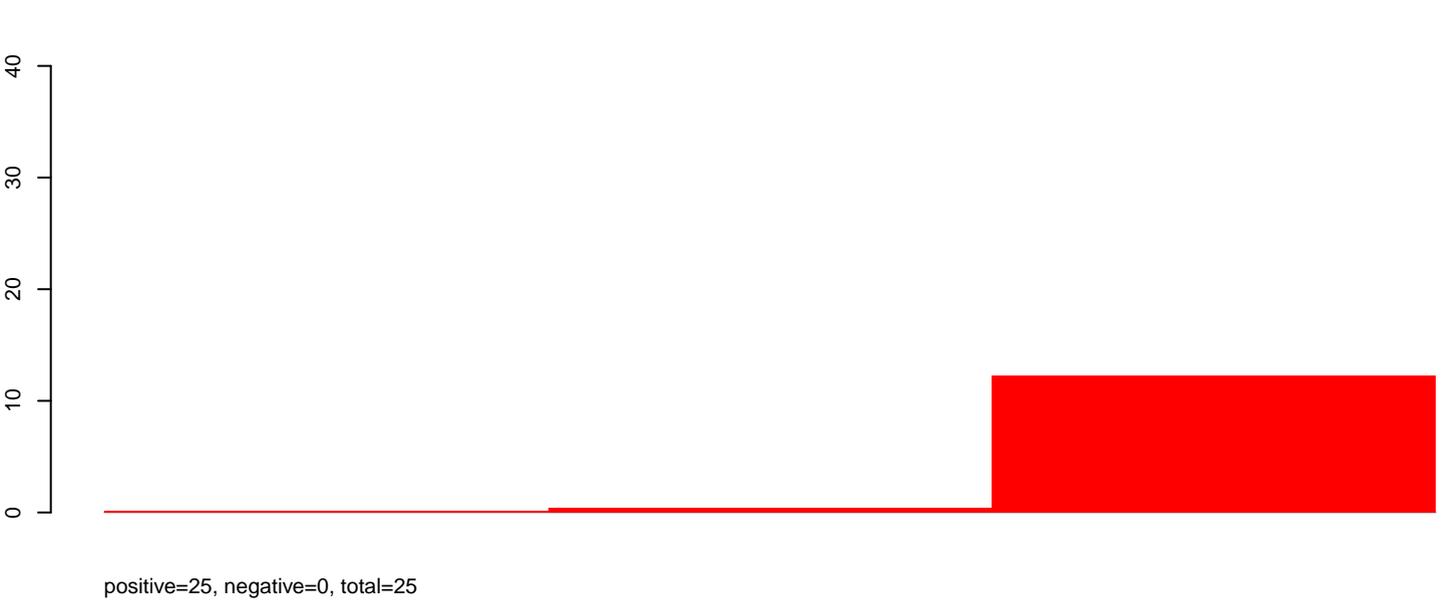
AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep



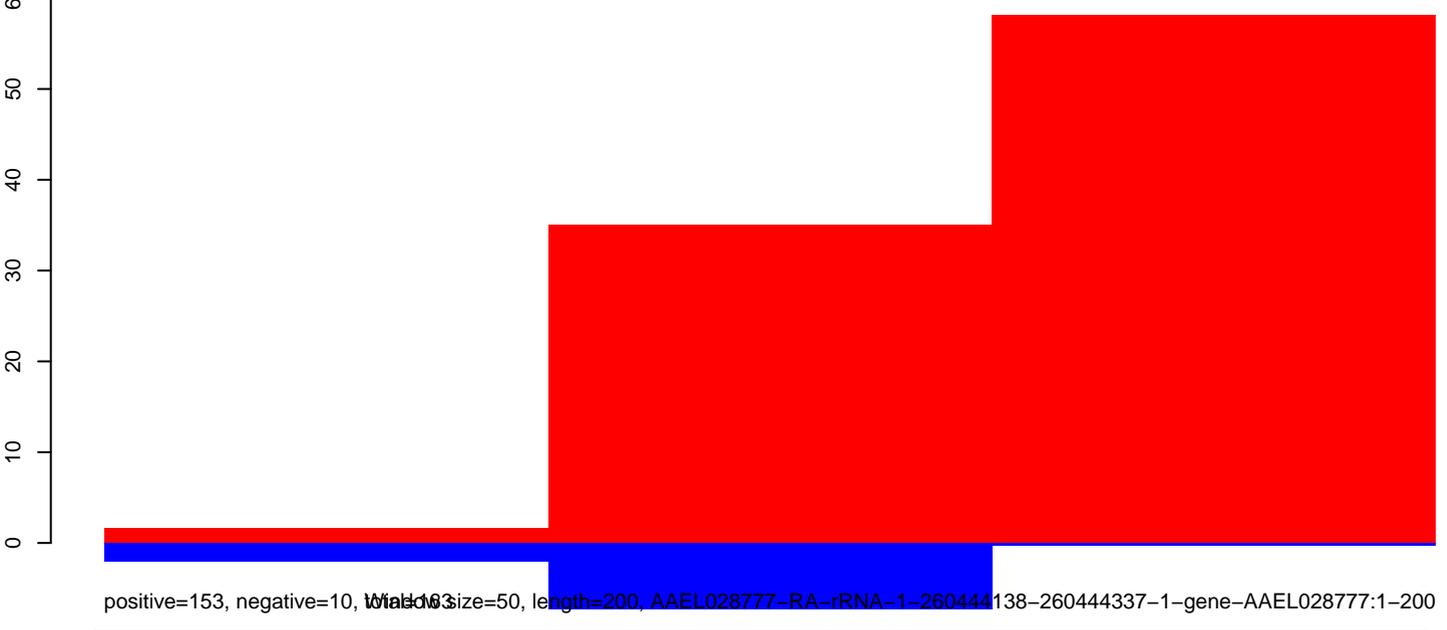
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**

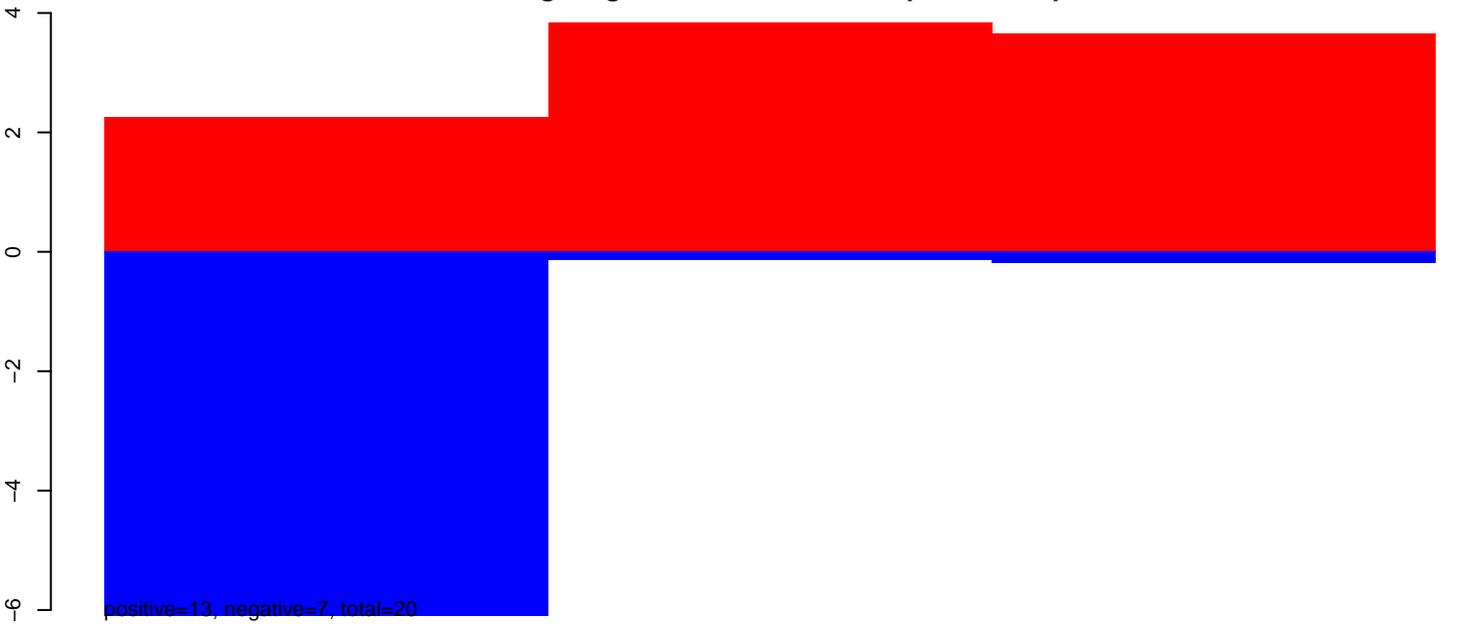


**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**

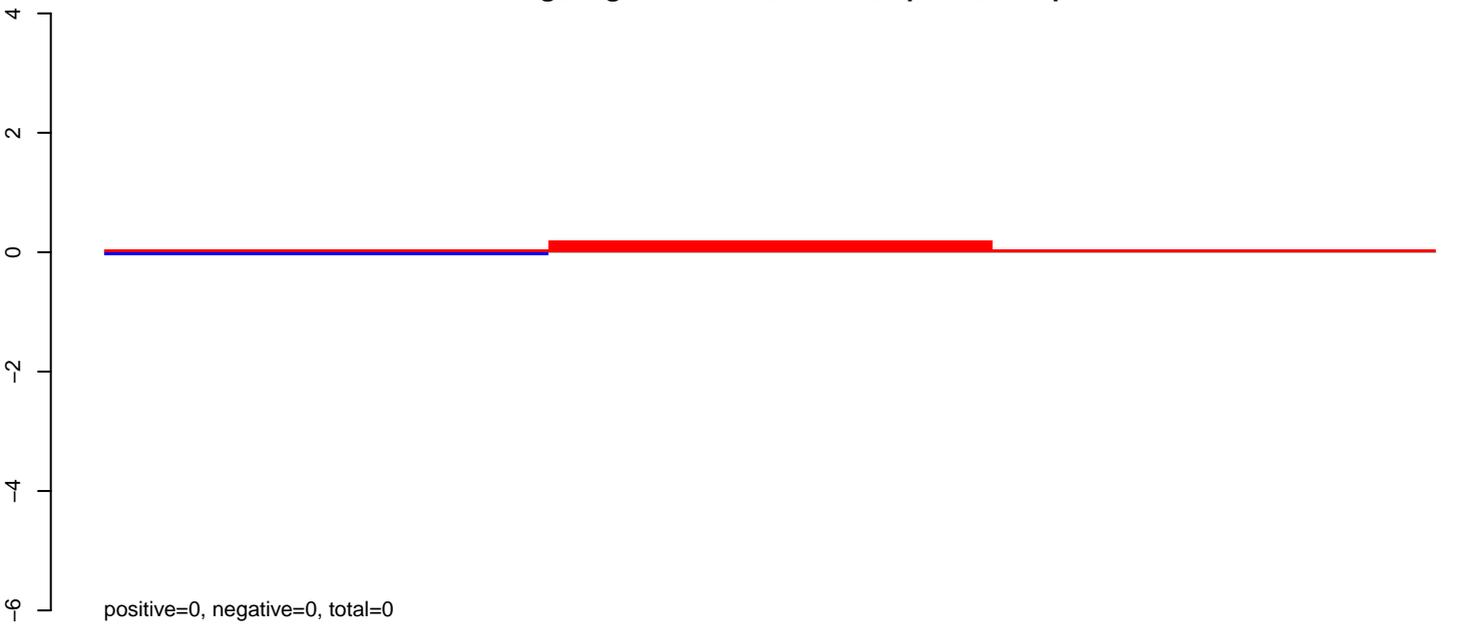


50 100 150 200

**AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep**



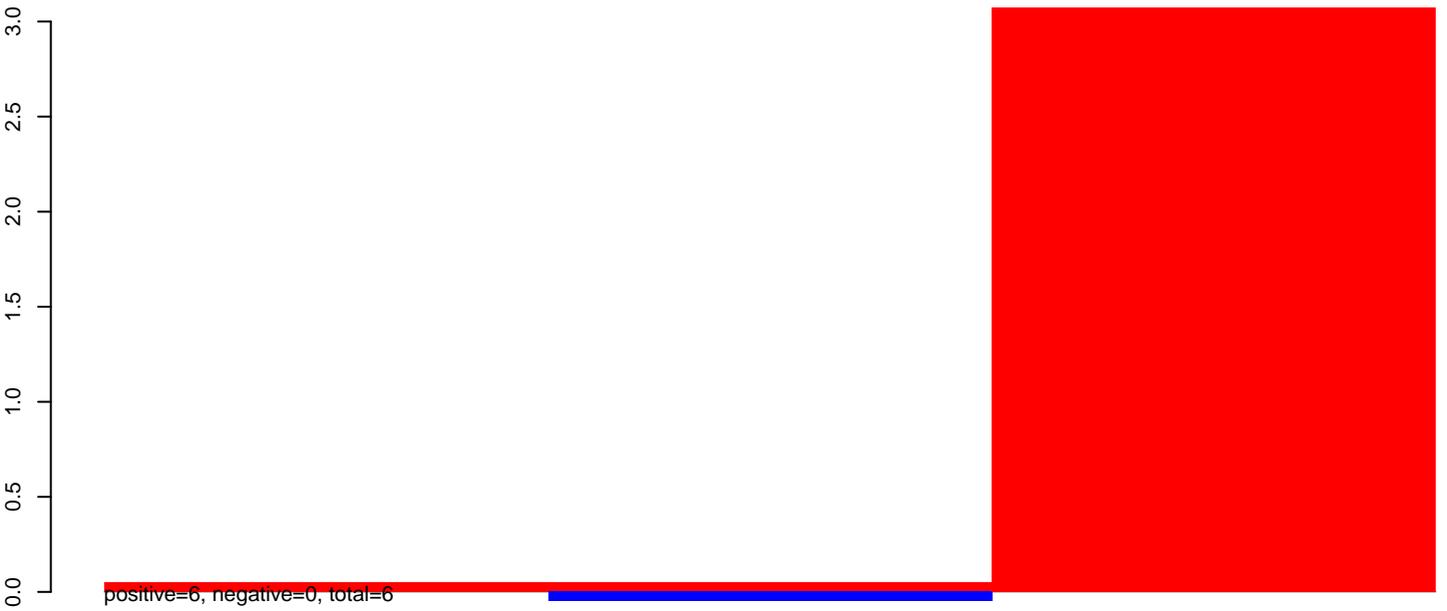
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



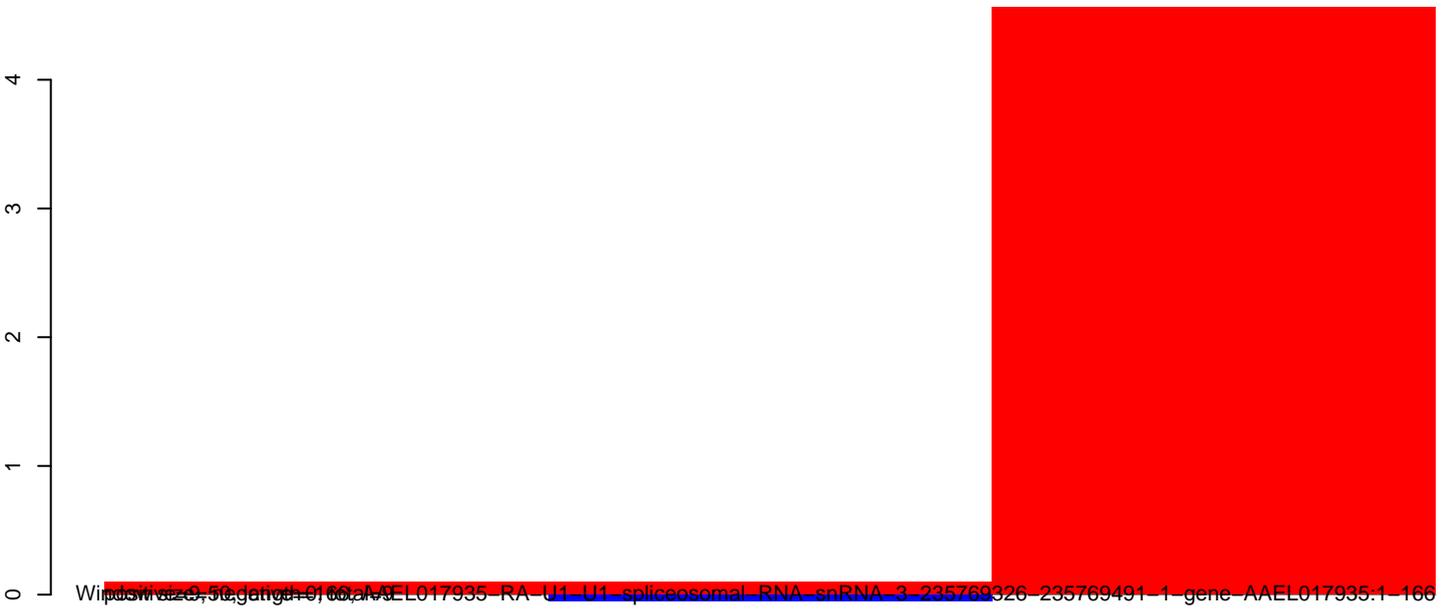
AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep

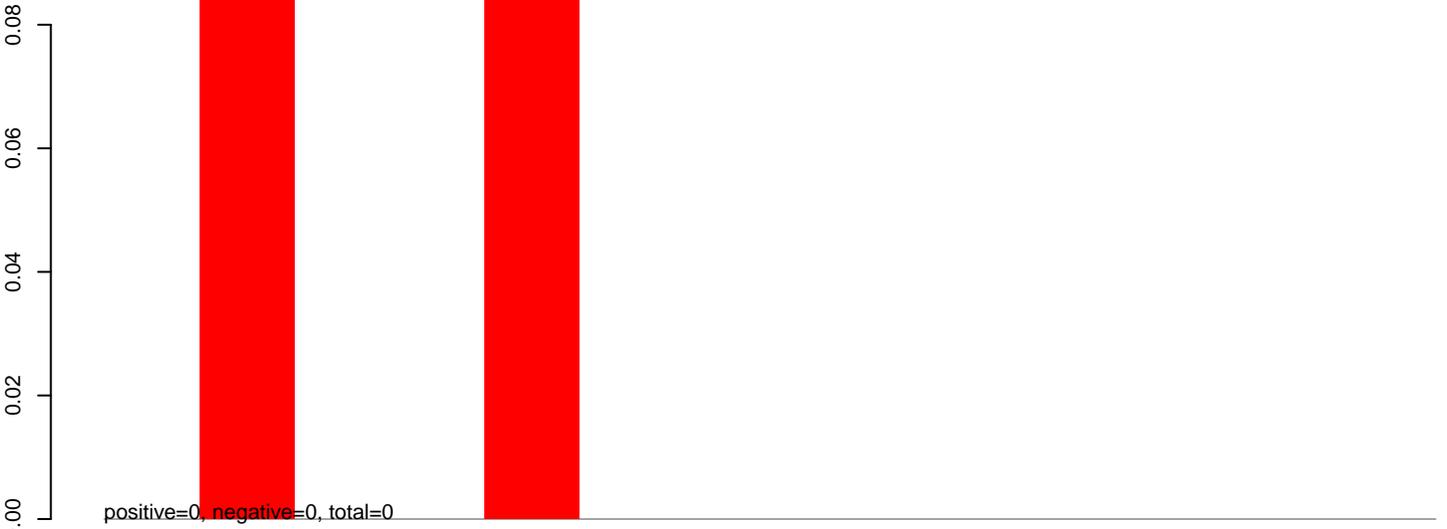


AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep

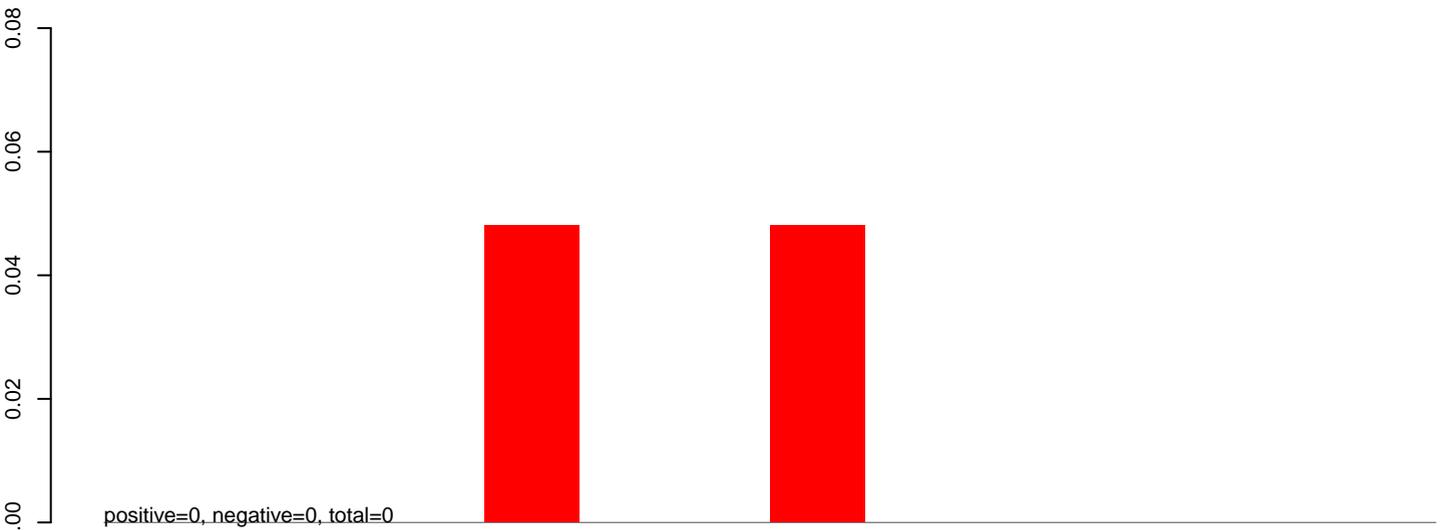


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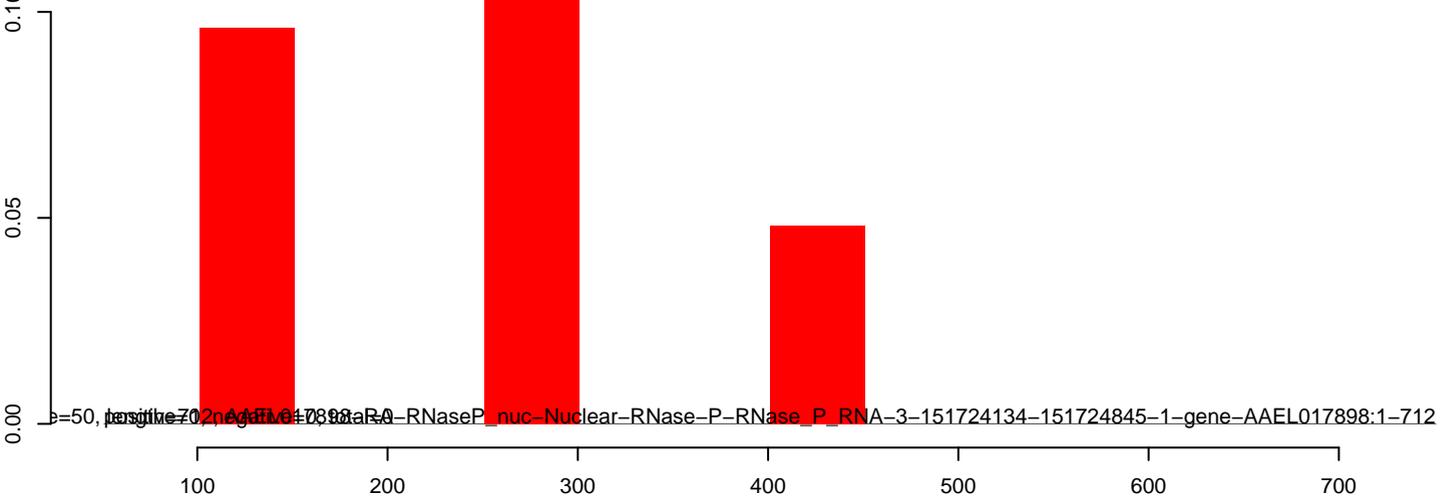
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



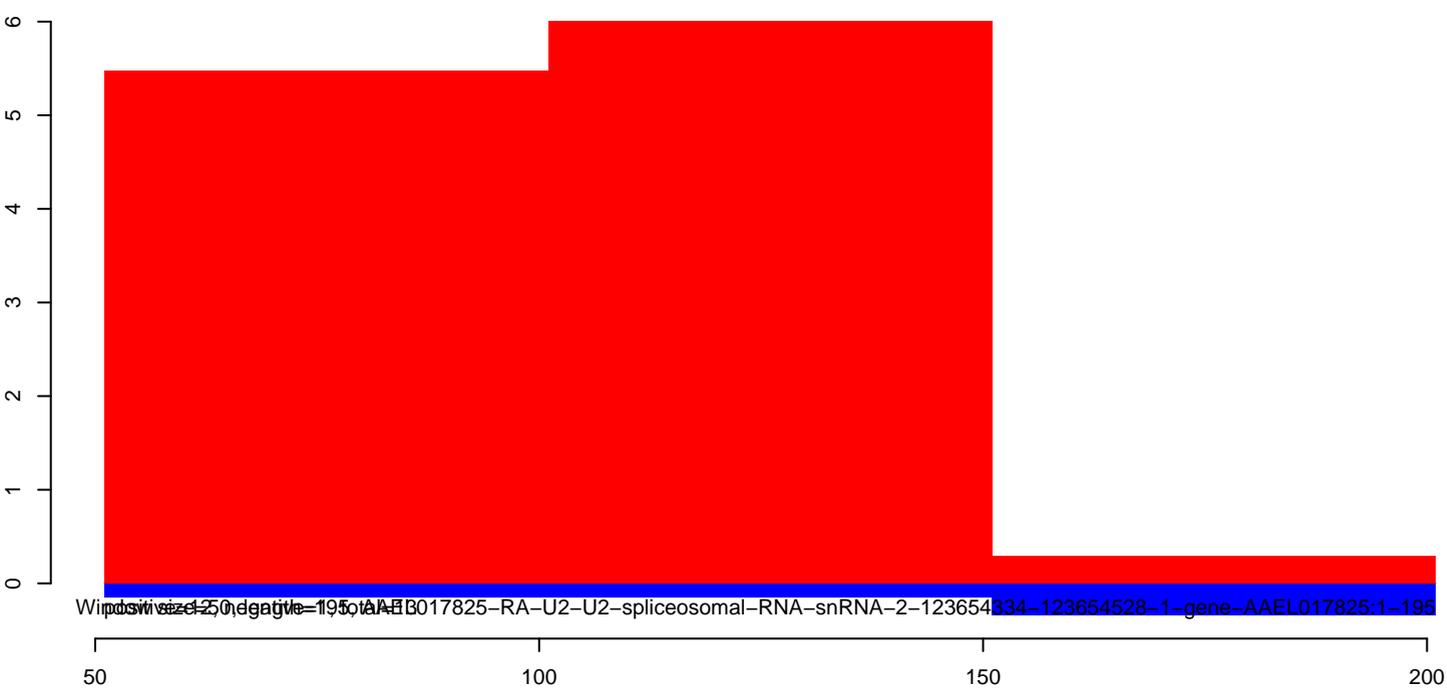
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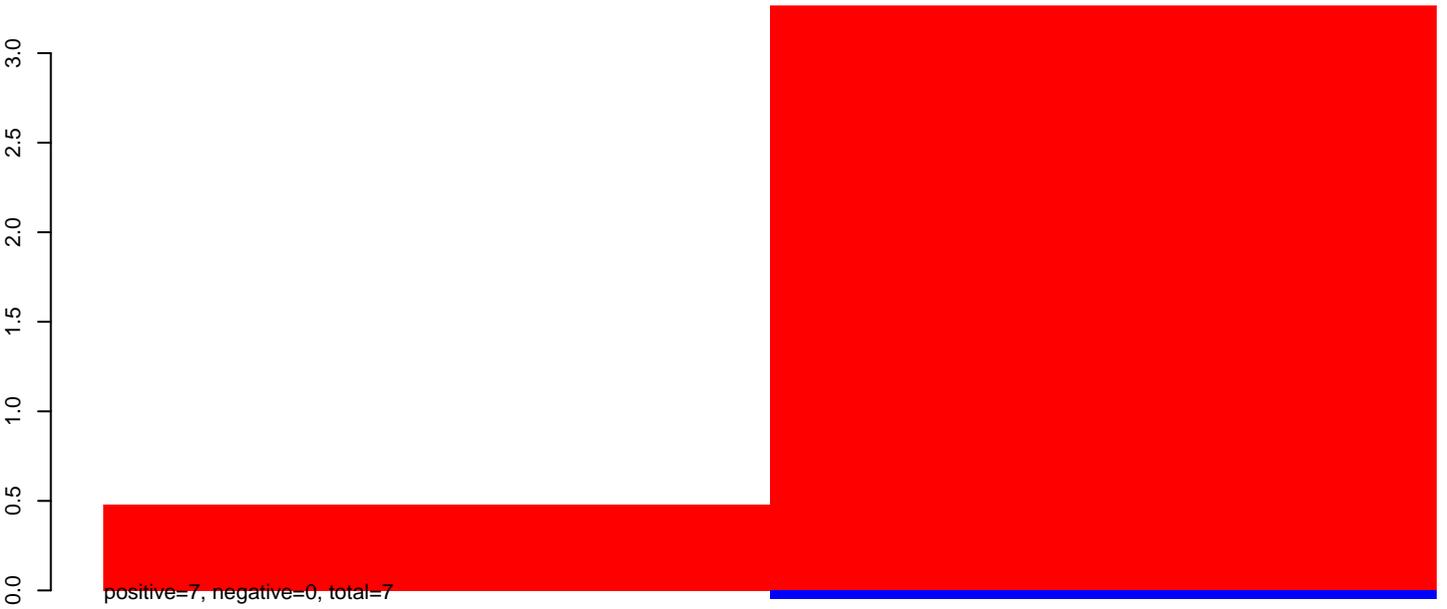
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**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



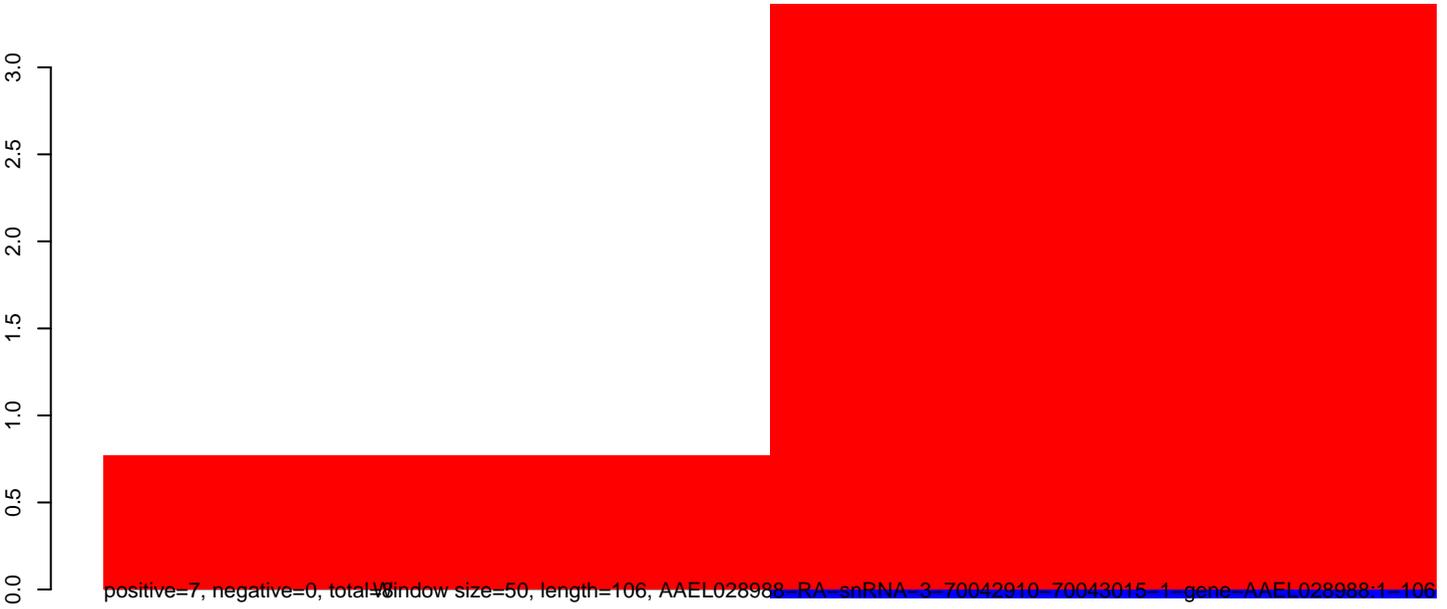
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**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



60 80 100 120 140

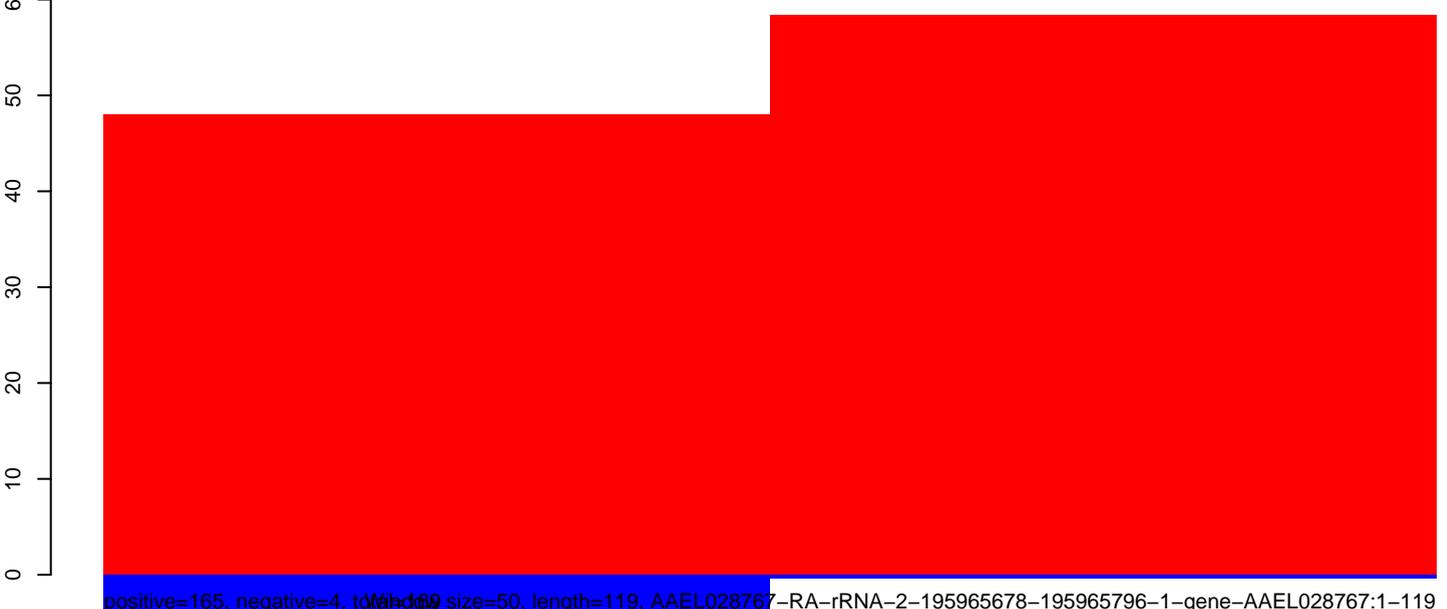
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**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



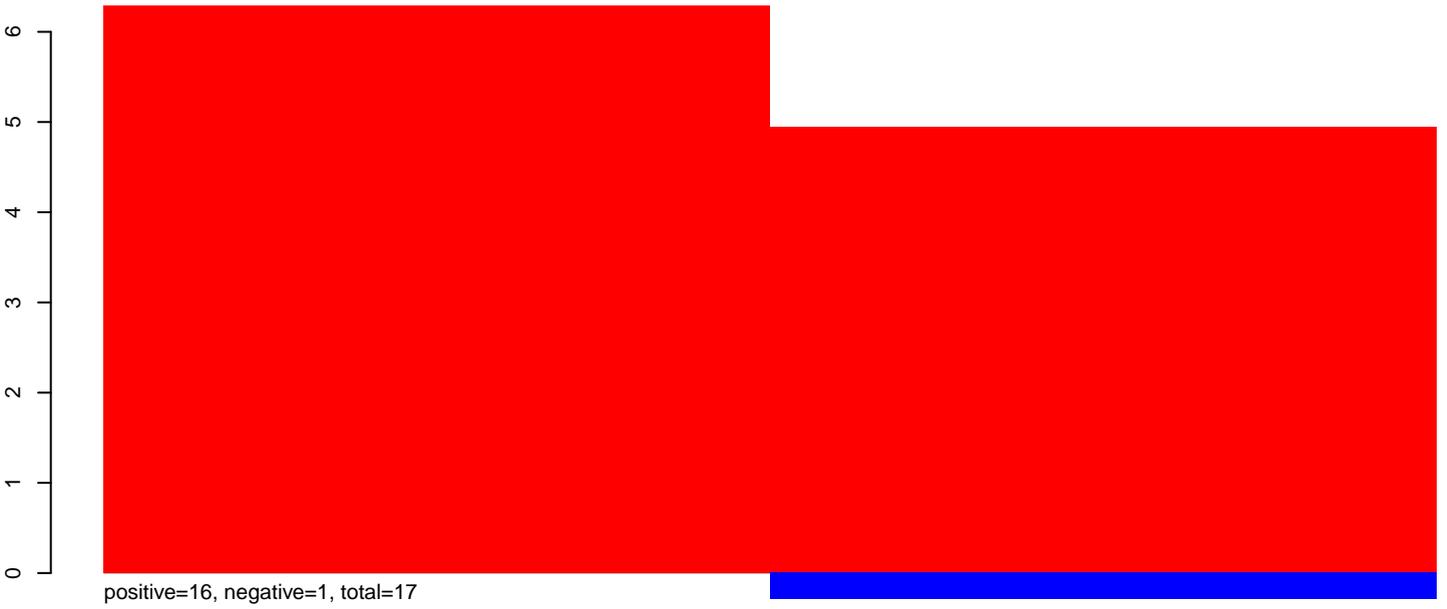
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



60 80 100 120 140

positive=165, negative=4, total=169, window size=50, length=119, AAEL028767-RA-rRNA-2-195965678-195965796-1-gene-AAEL028767:1-119

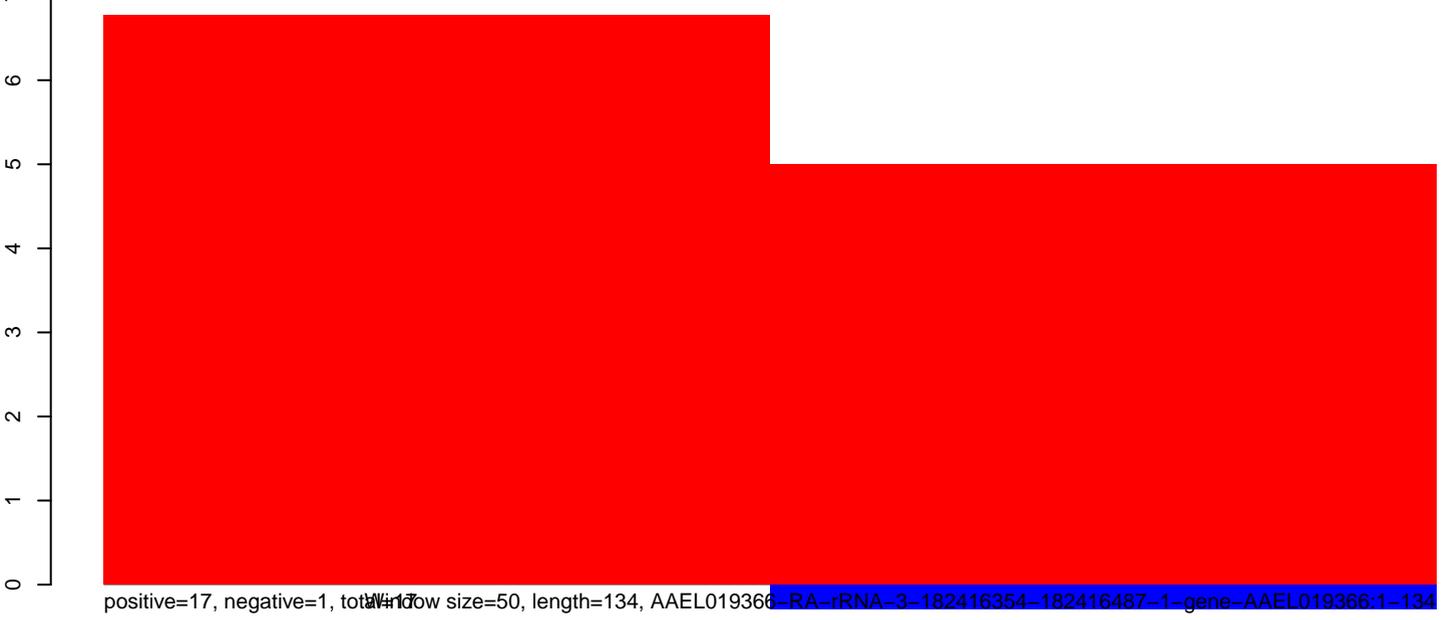
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



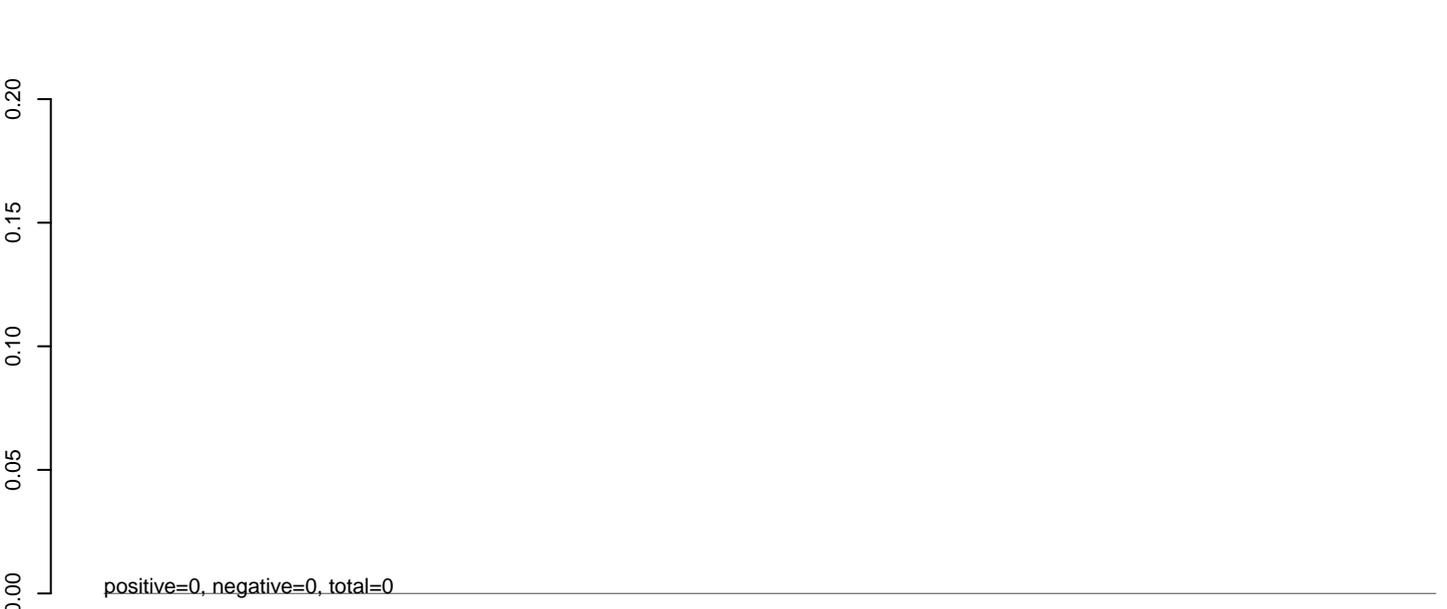
Window size=50, length=134, AAEL019366-RA-rRNA-3-182416354-182416487-1-gene-AAEL019366.1-134

60 80 100 120 140

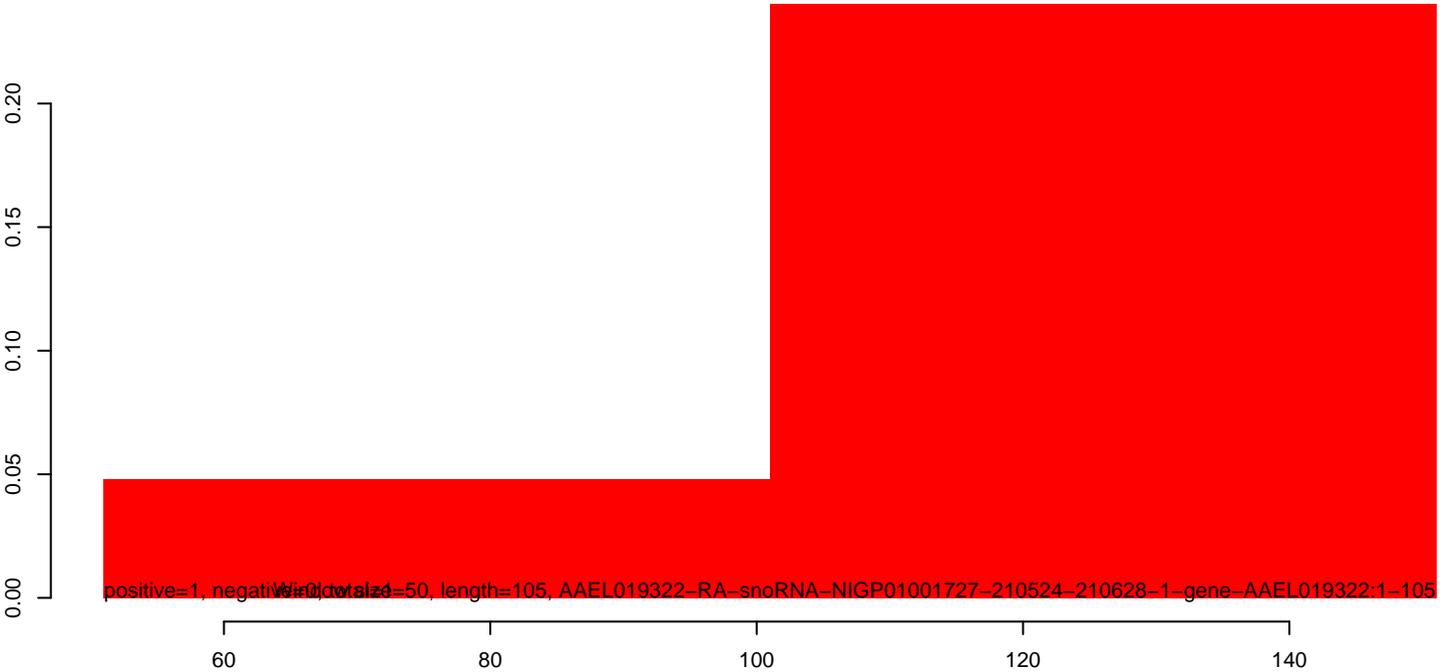
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep**



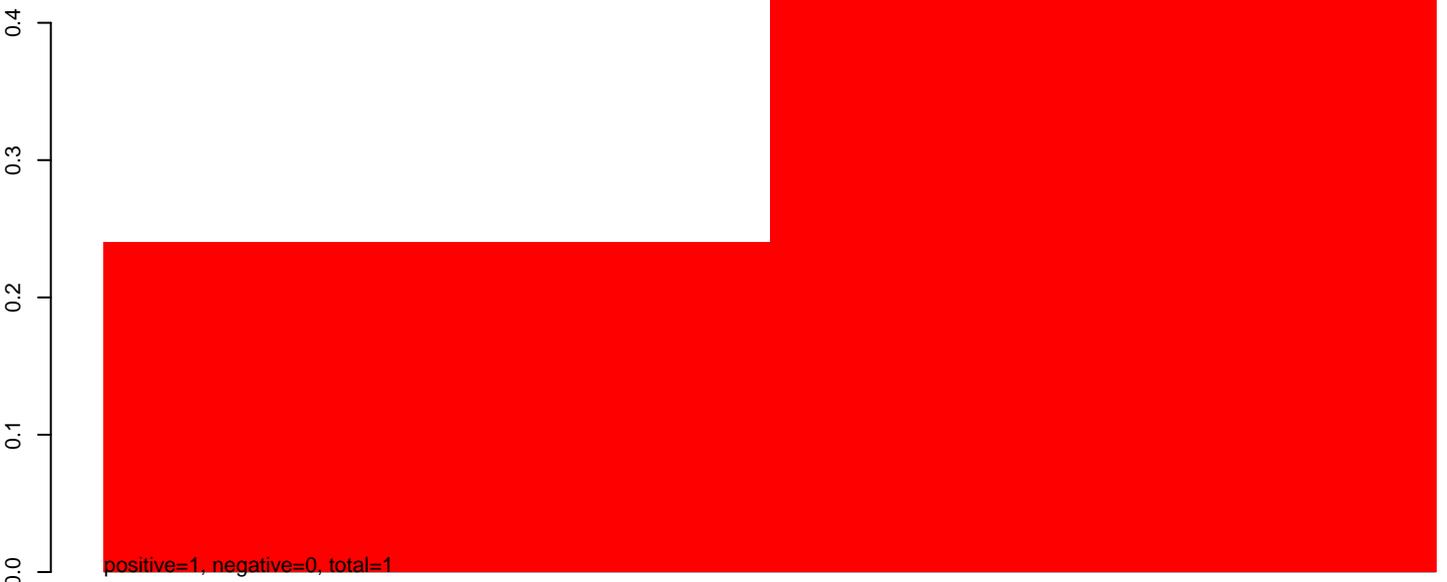
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**

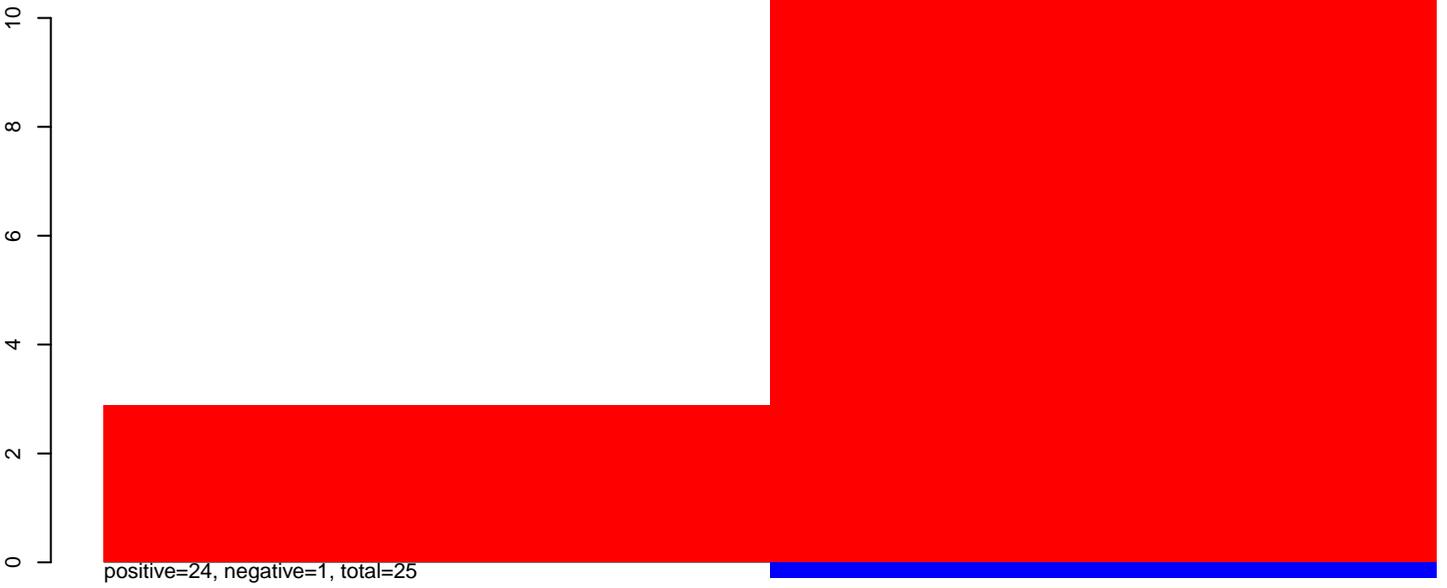


**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



60 80 100 120 140

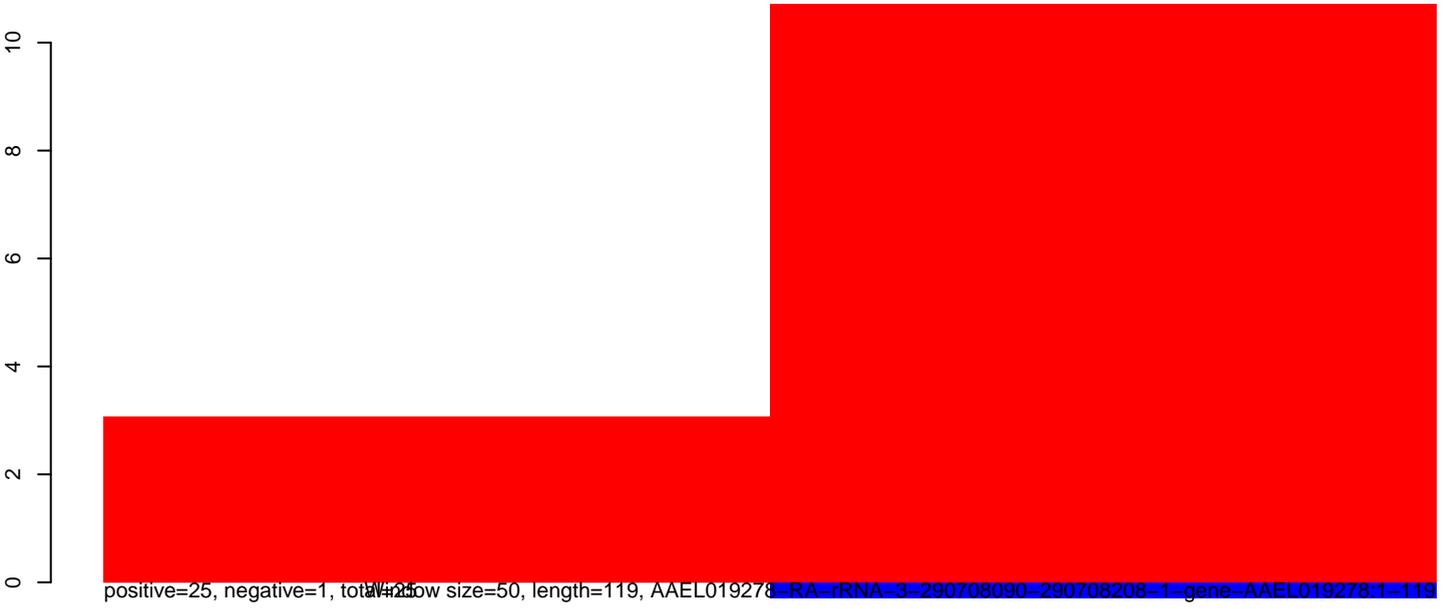
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



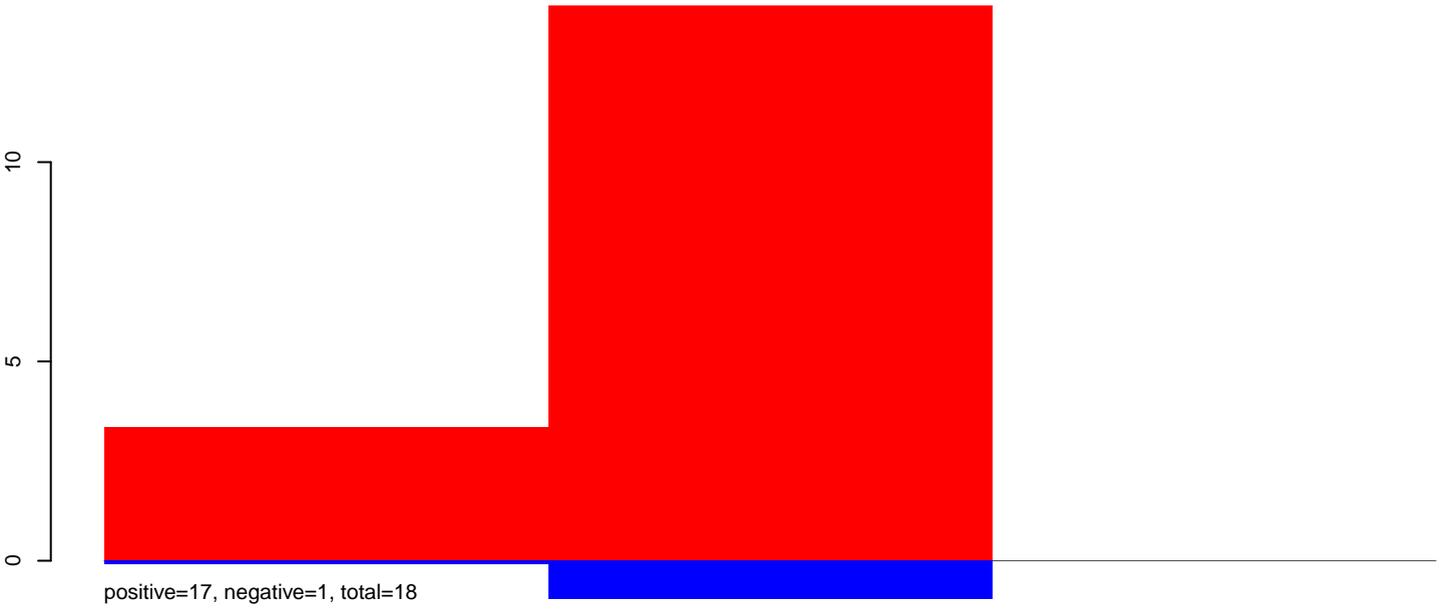
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



AAEL019278-RA-irRNA-3-290708090-290708208-1-gene-AAEL019278:1-119

60 80 100 120 140

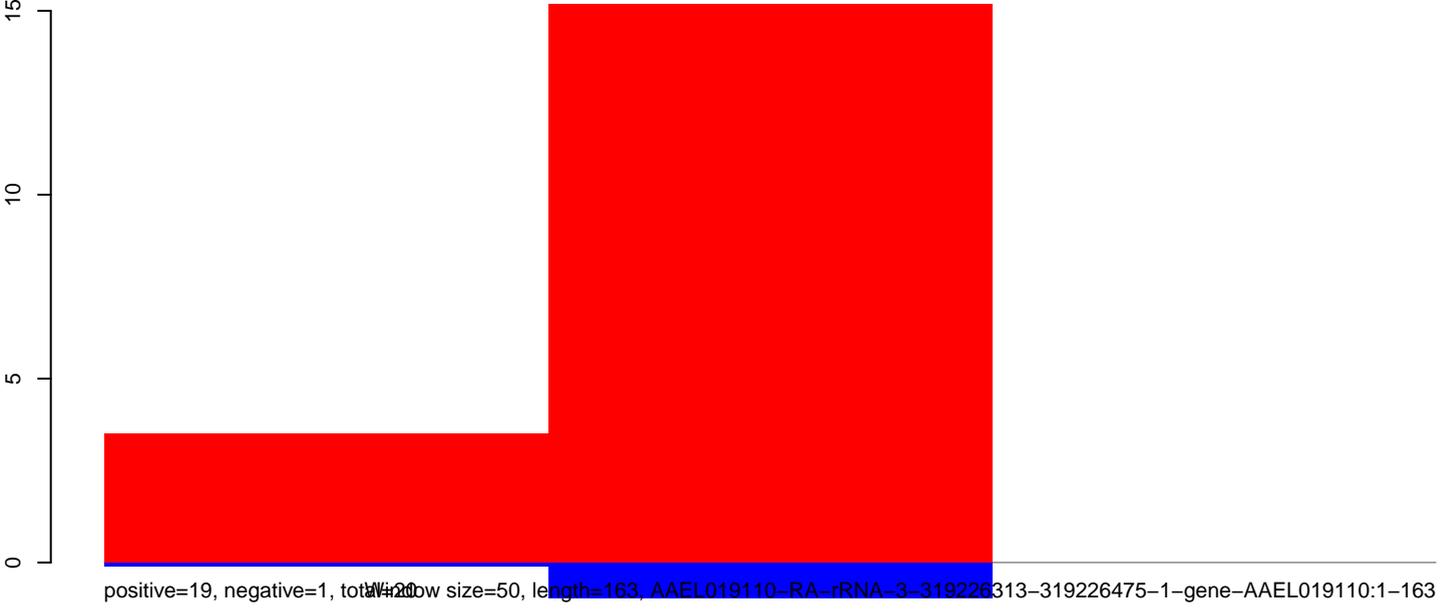
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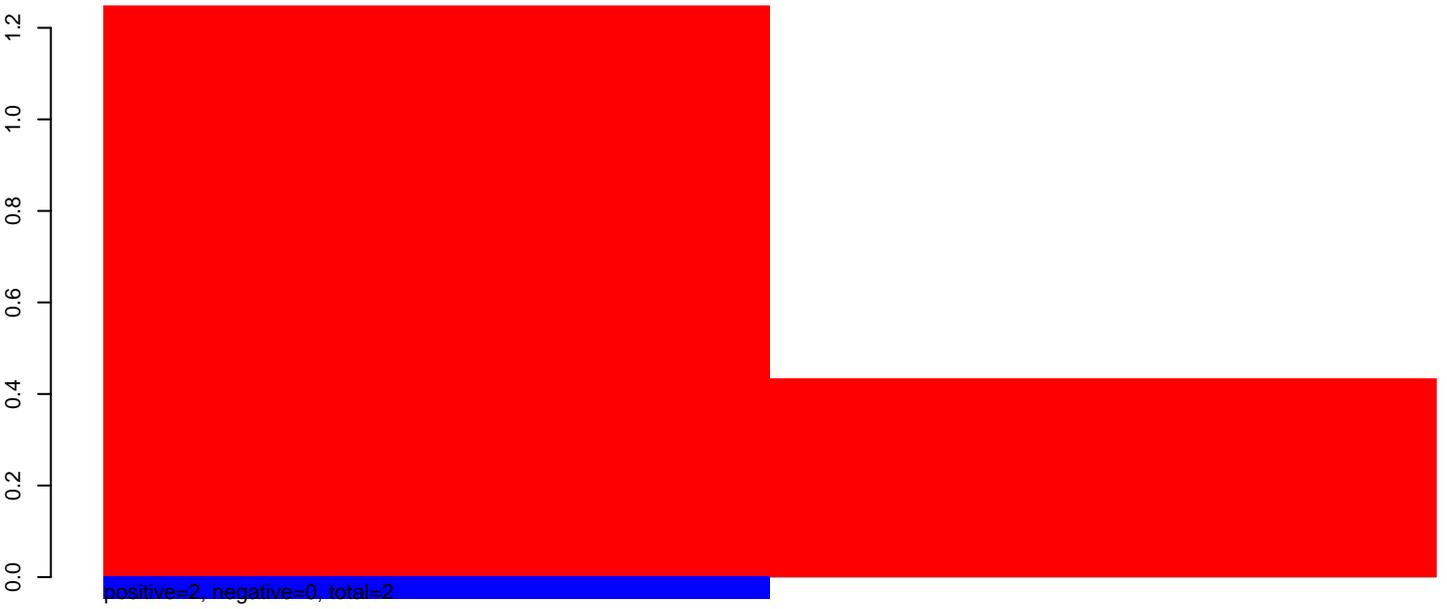
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



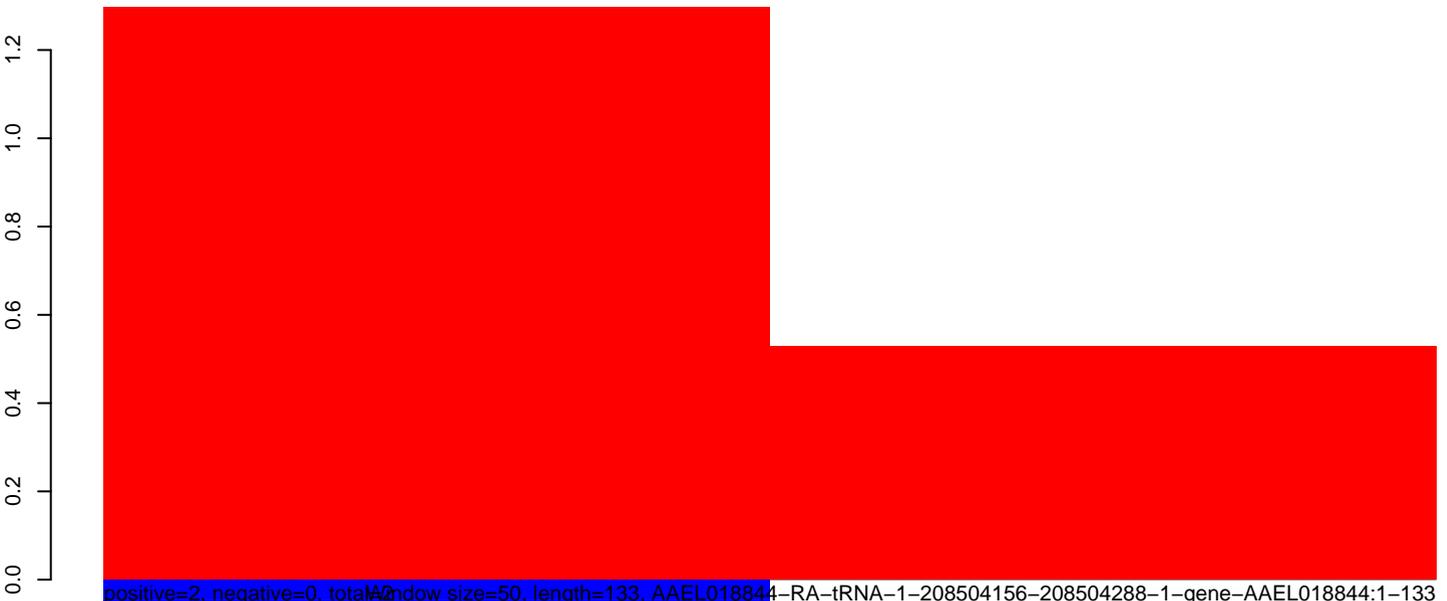
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**

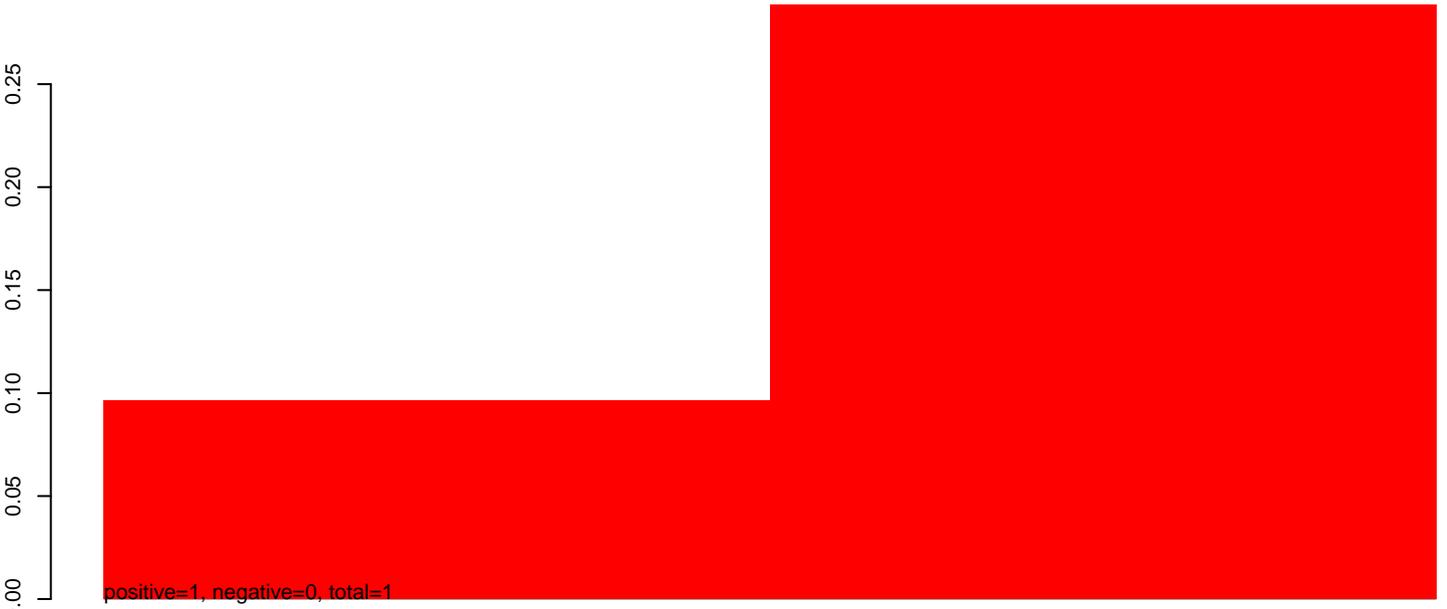


**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**

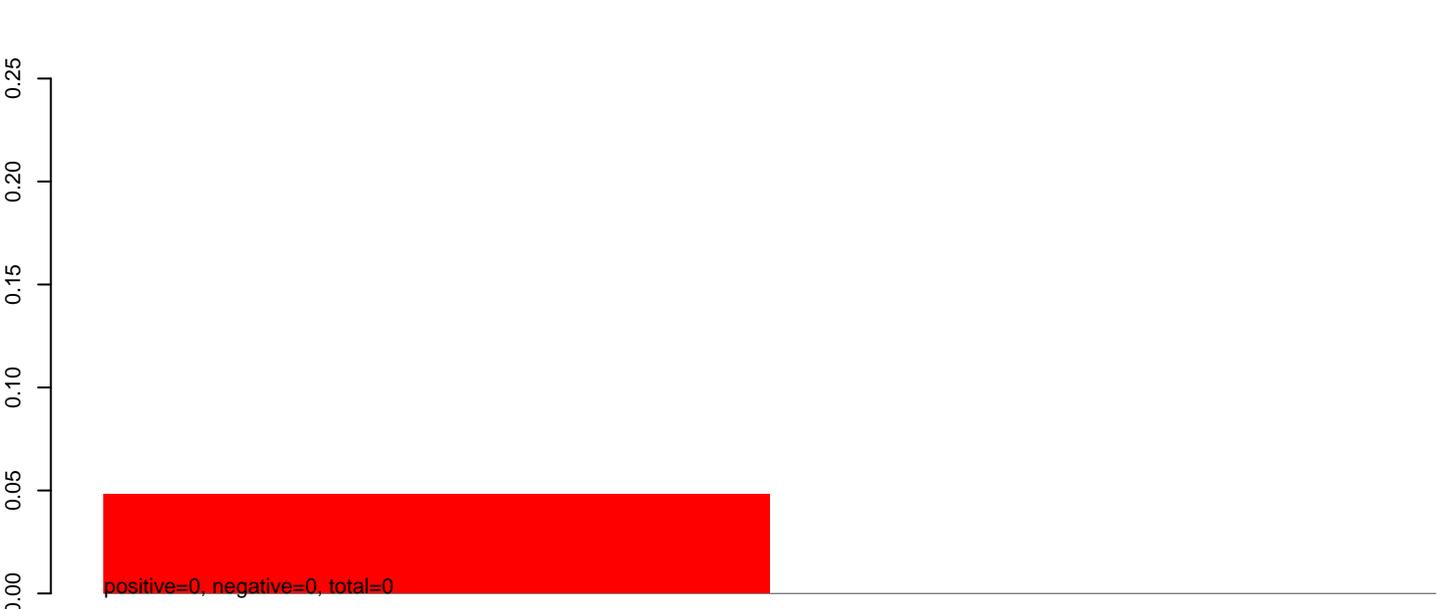


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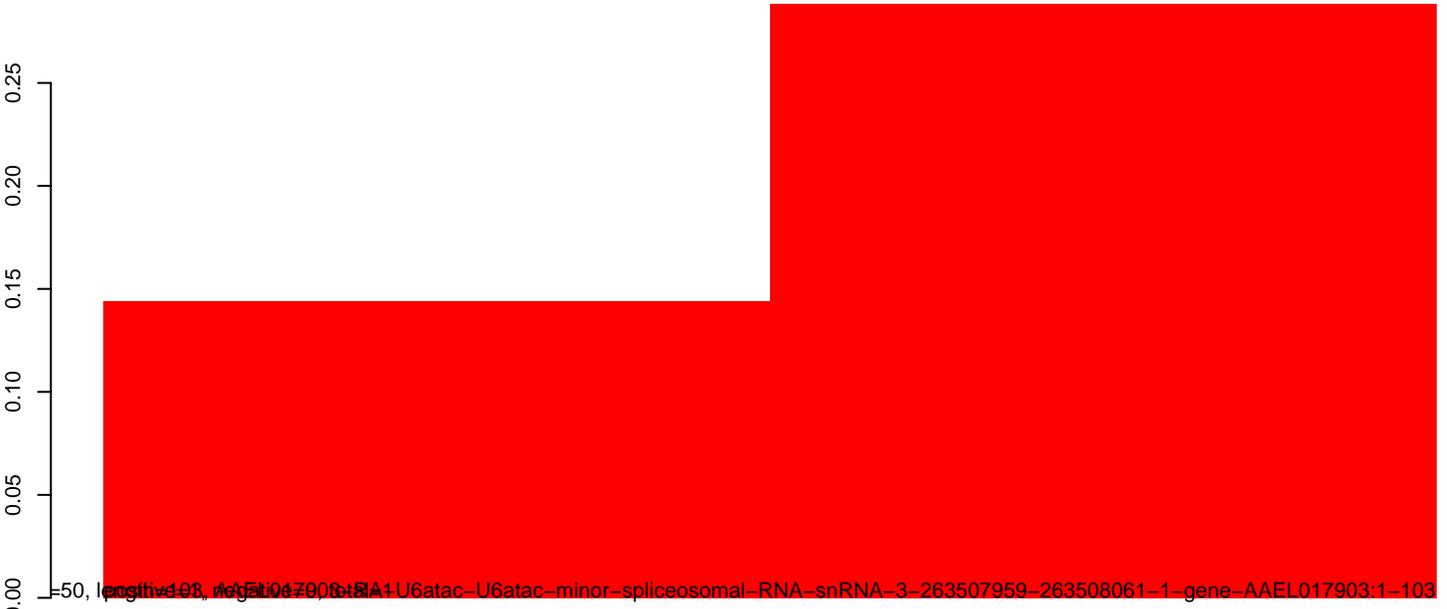
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**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



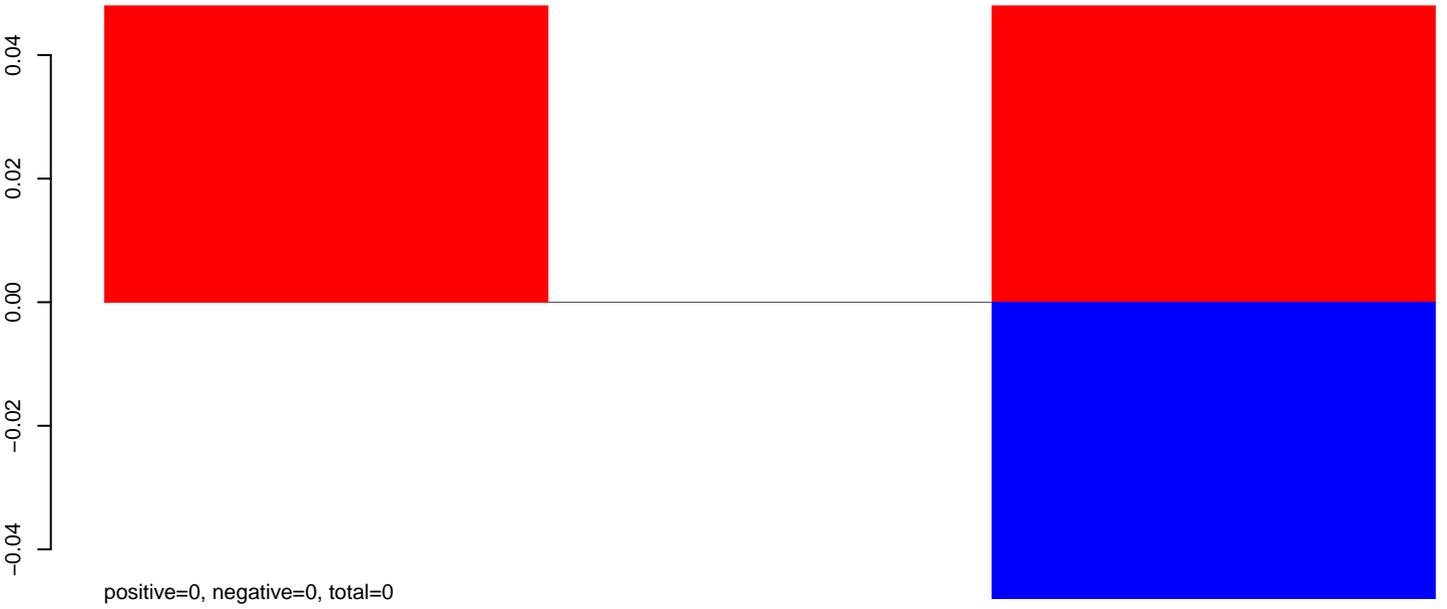
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



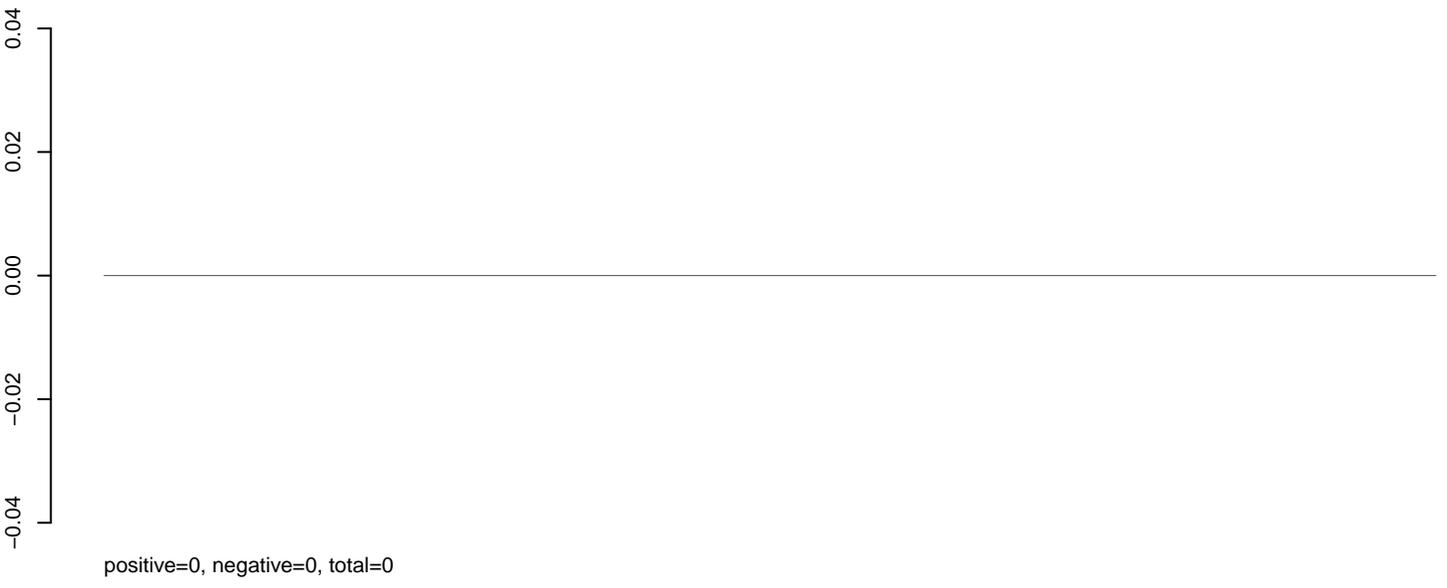
50, length=93, ref=AF104790.6:BA4U6atac-U6atac-minor-spliceosomal-RNA-snRNA-3-263507959-263508061-1-gene-AAEL017903:1-103

60 80 100 120 140

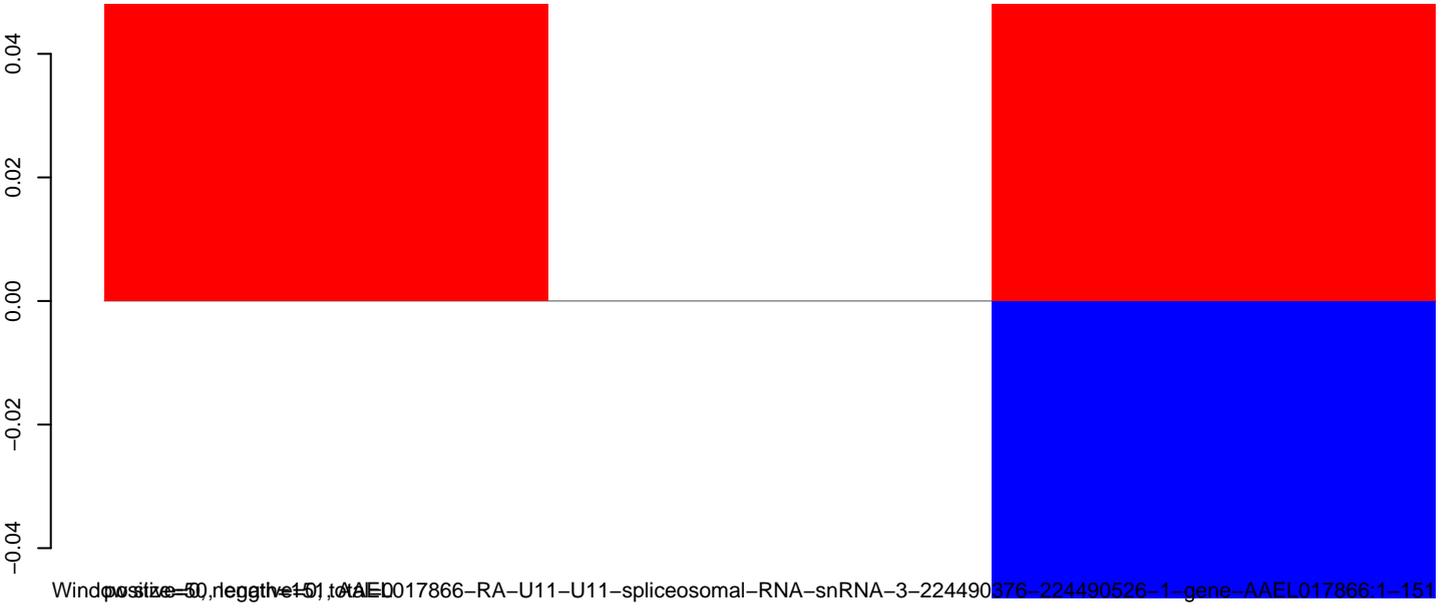
AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep



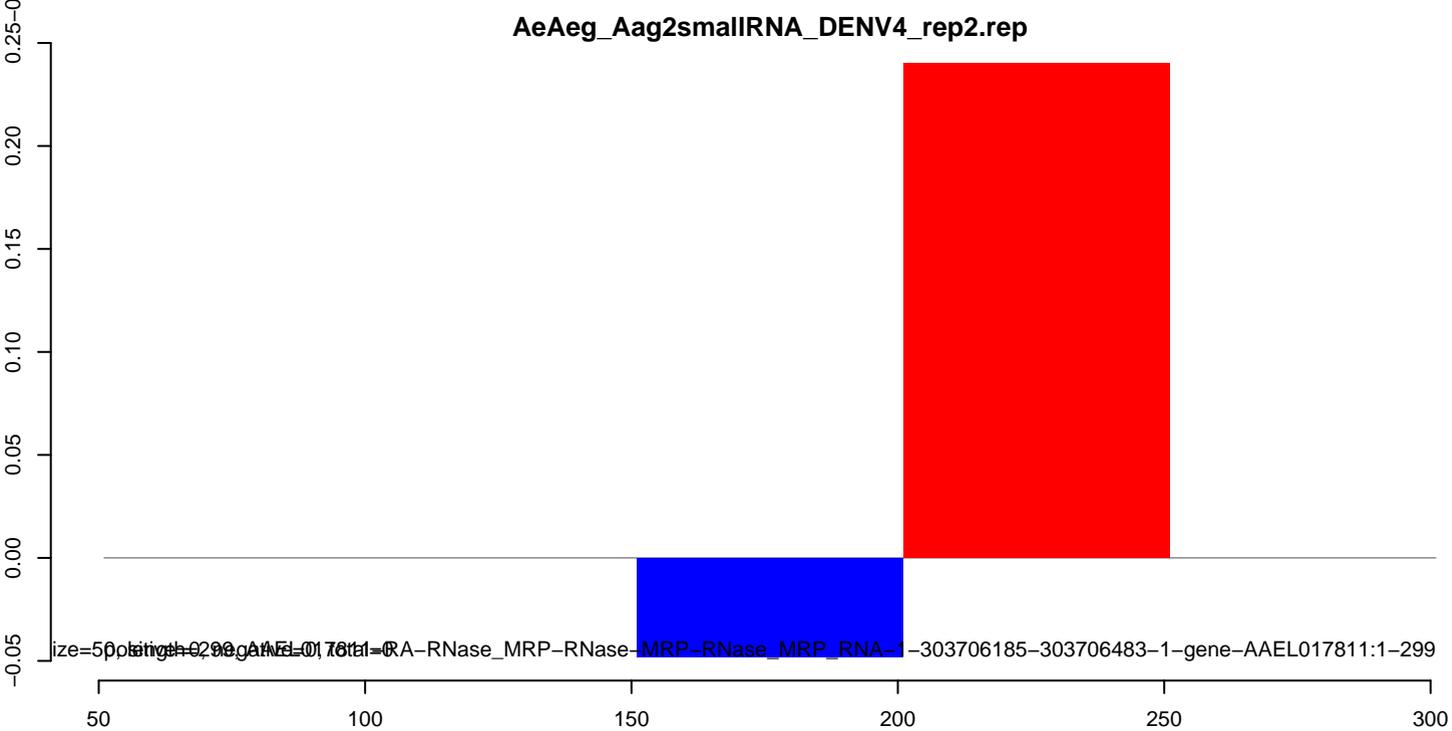
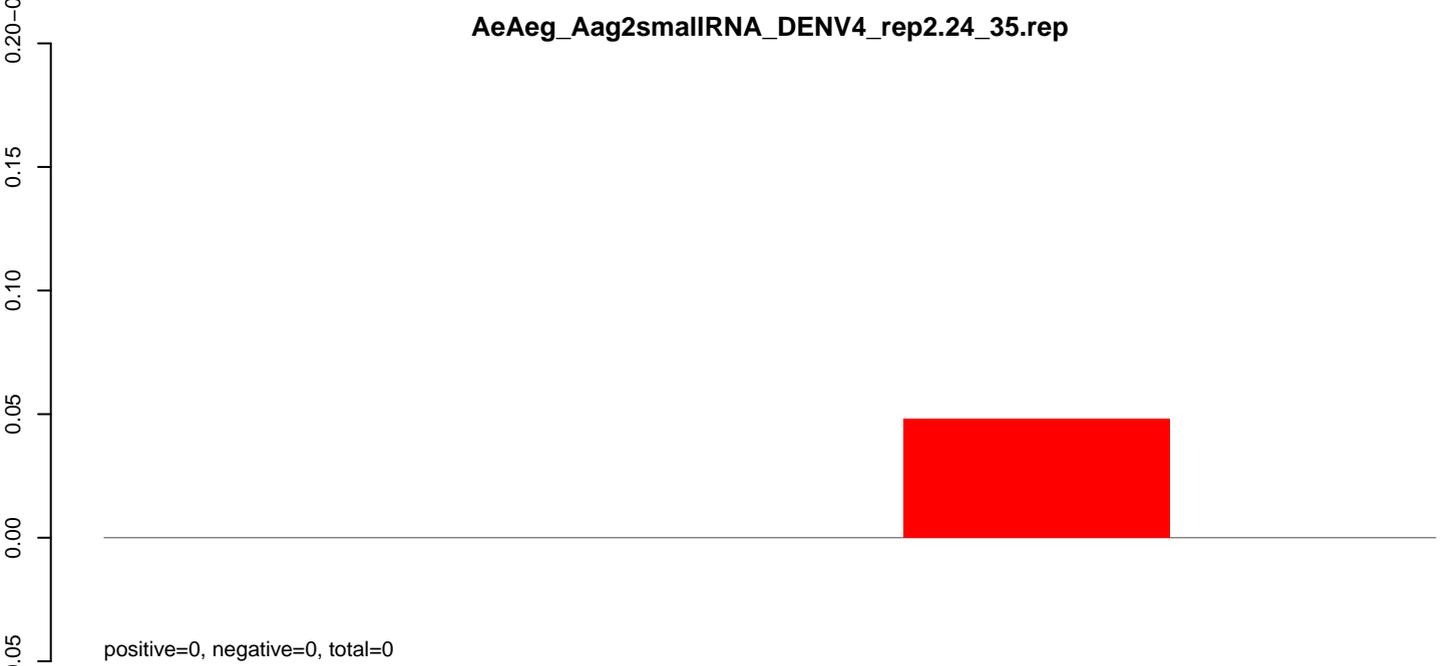
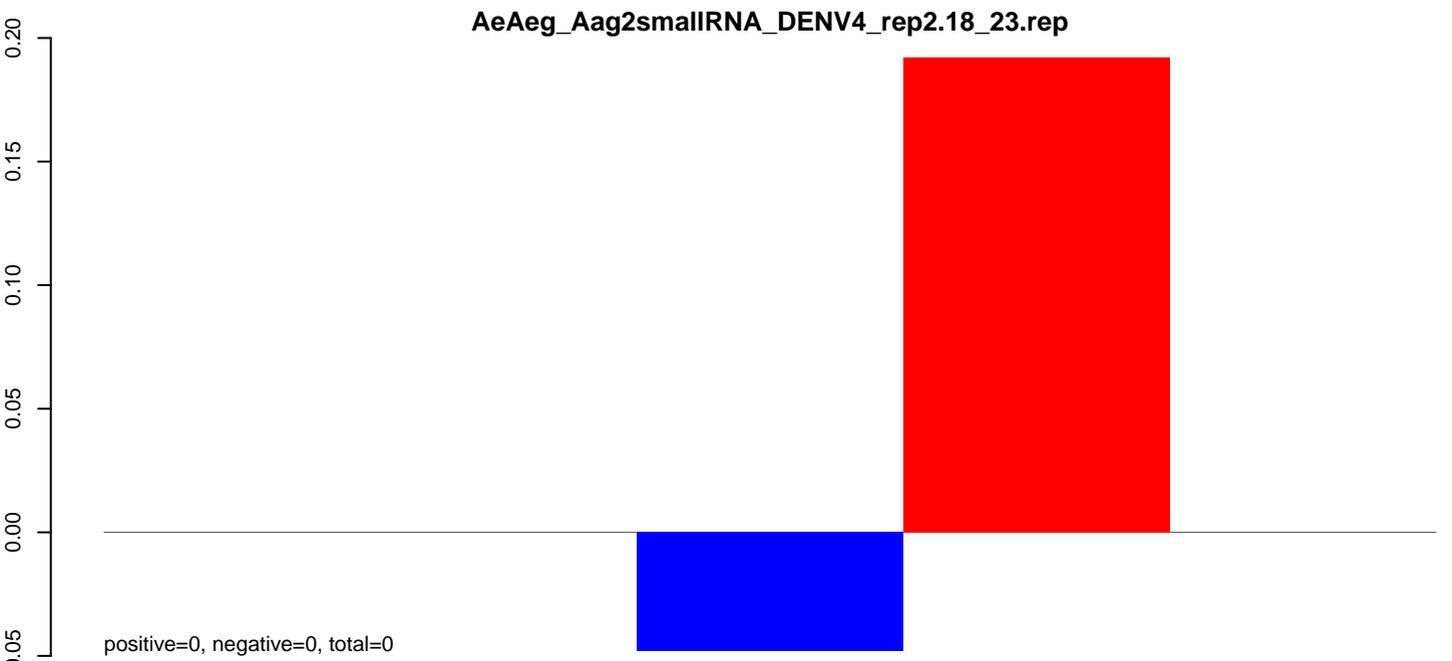
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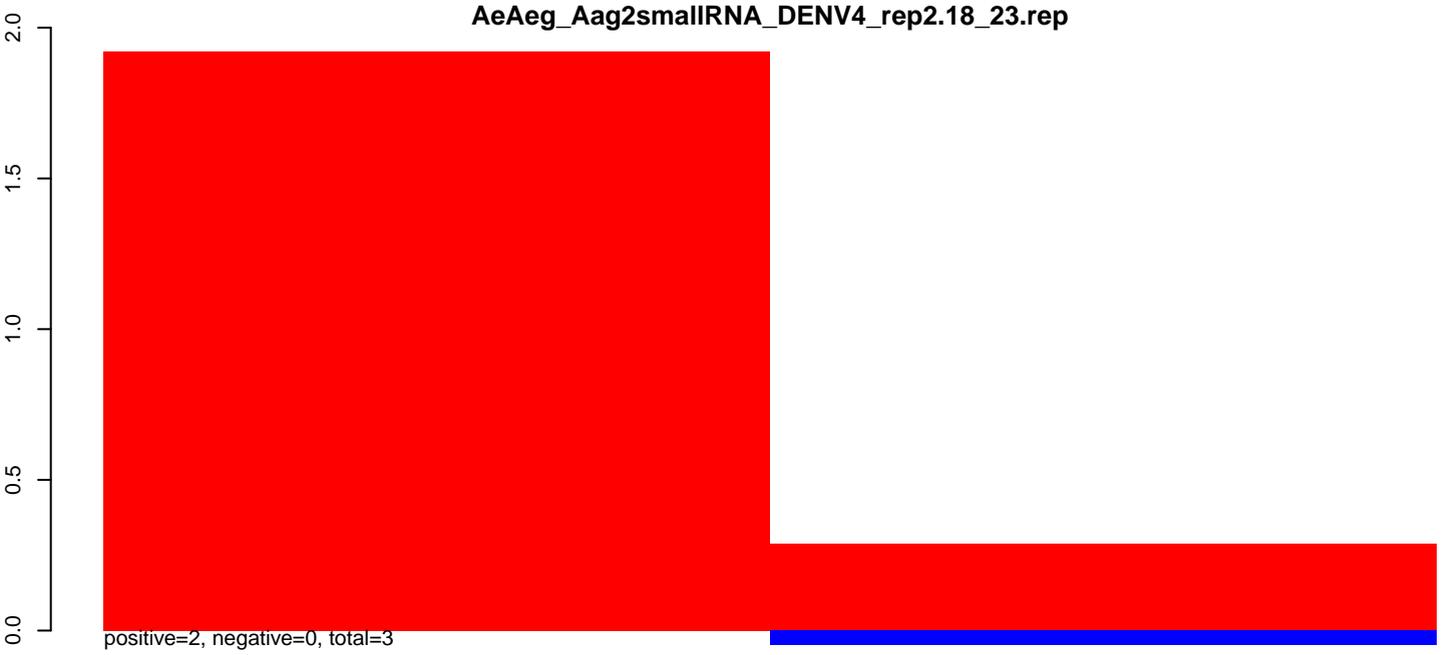
AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep



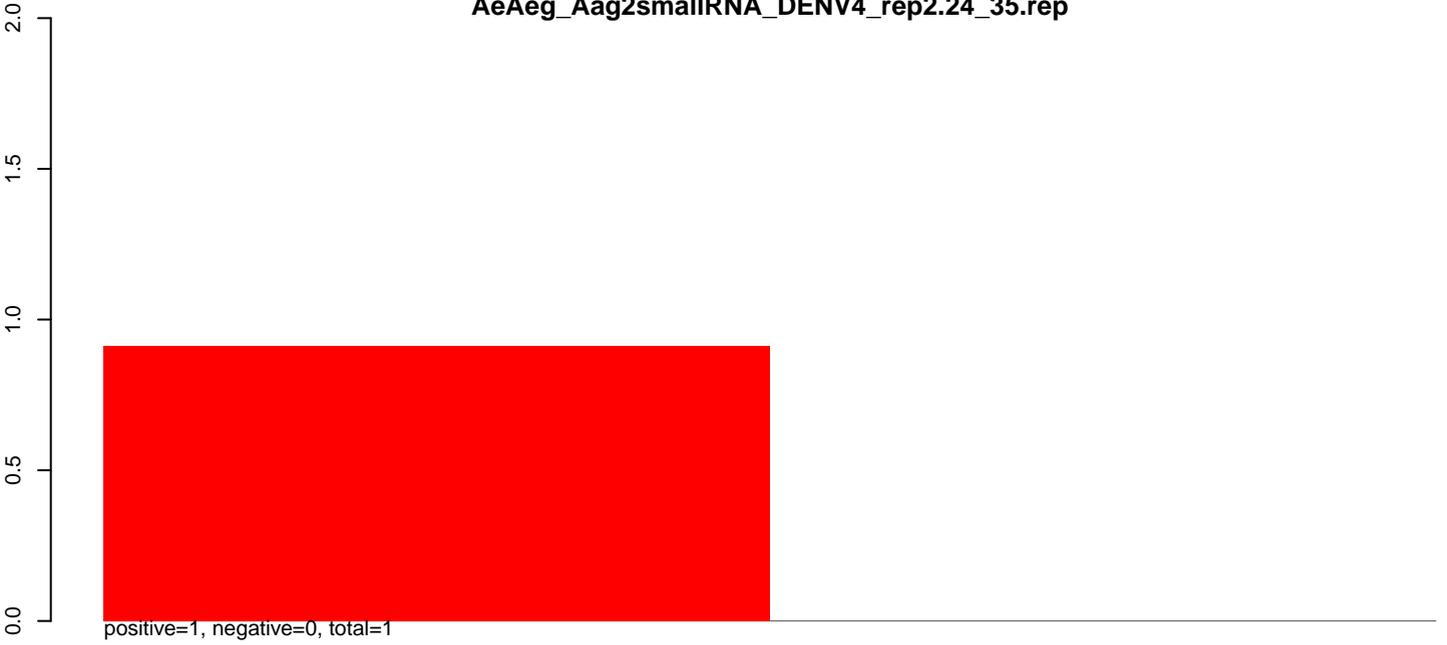
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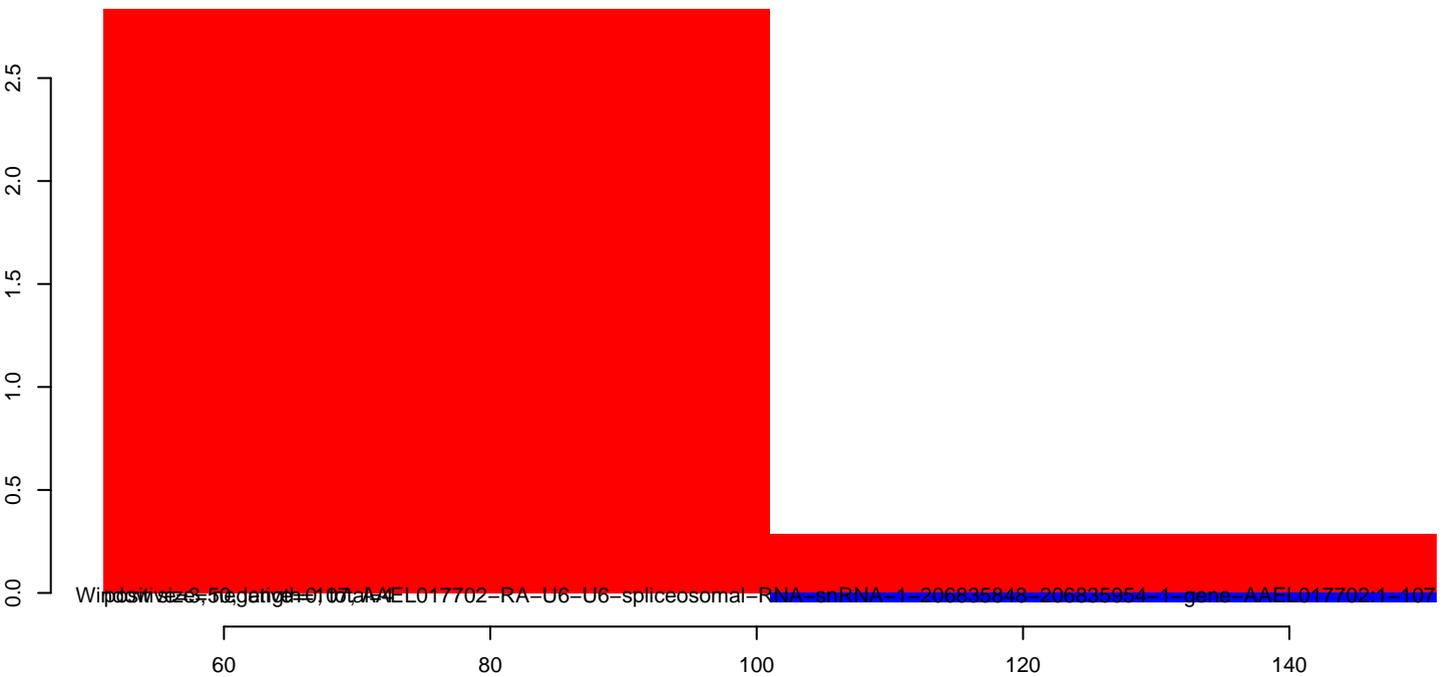
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



Wings: 3, 50; gene: 0, 0, AAEEL017702-RA-U6-U6-spliceosomal-RNA-srRNA-1-206835848-206835954-1-gene-AAEL017702:1-107

60

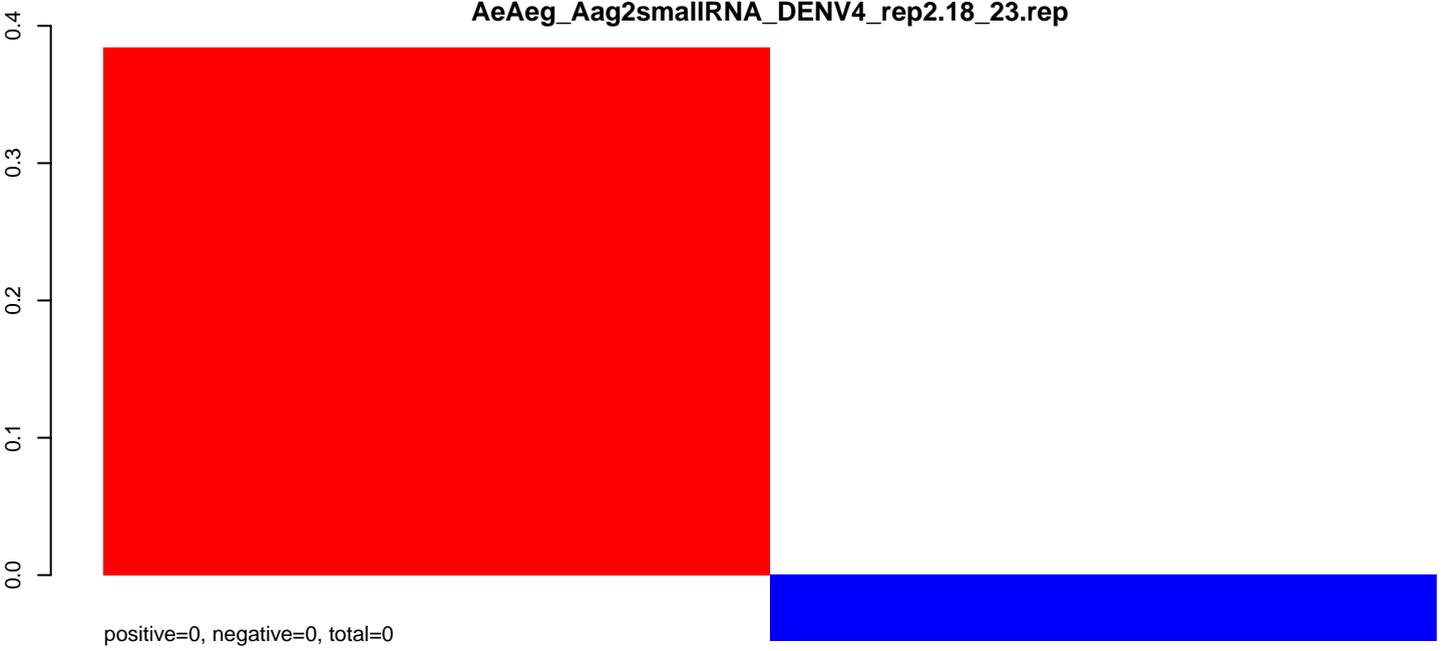
80

100

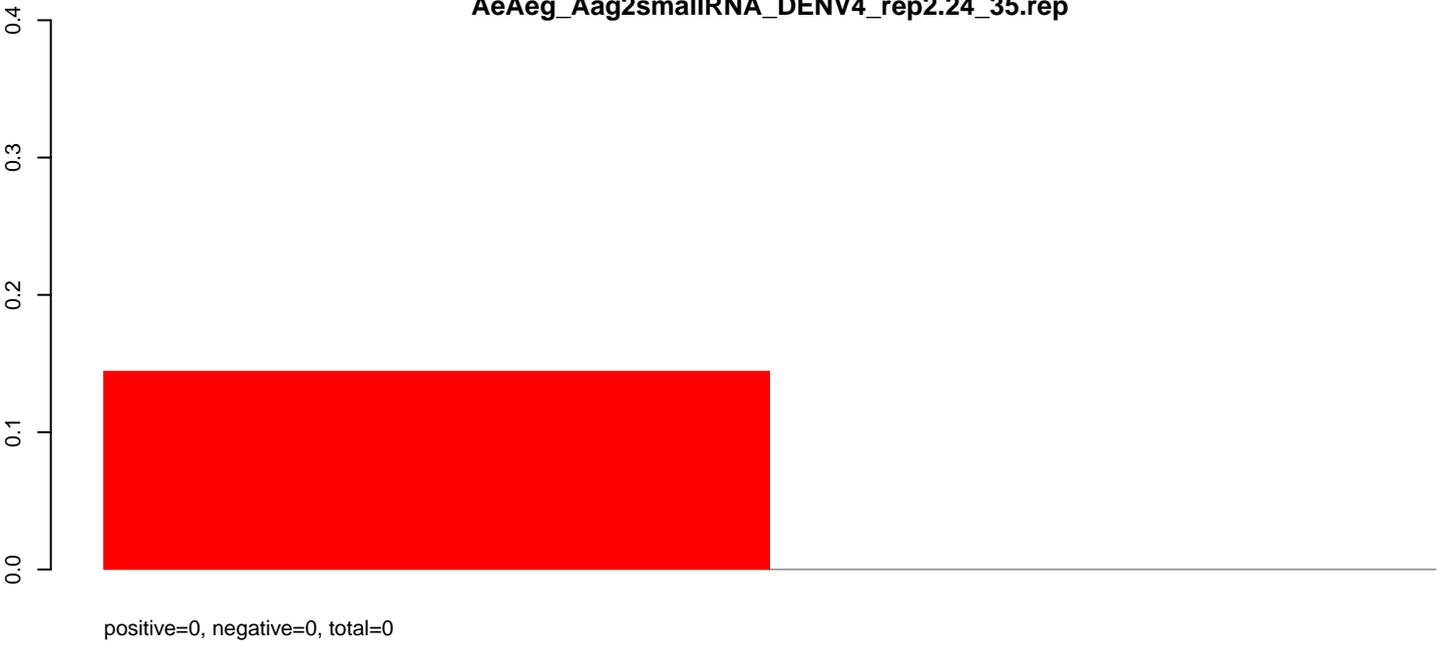
120

140

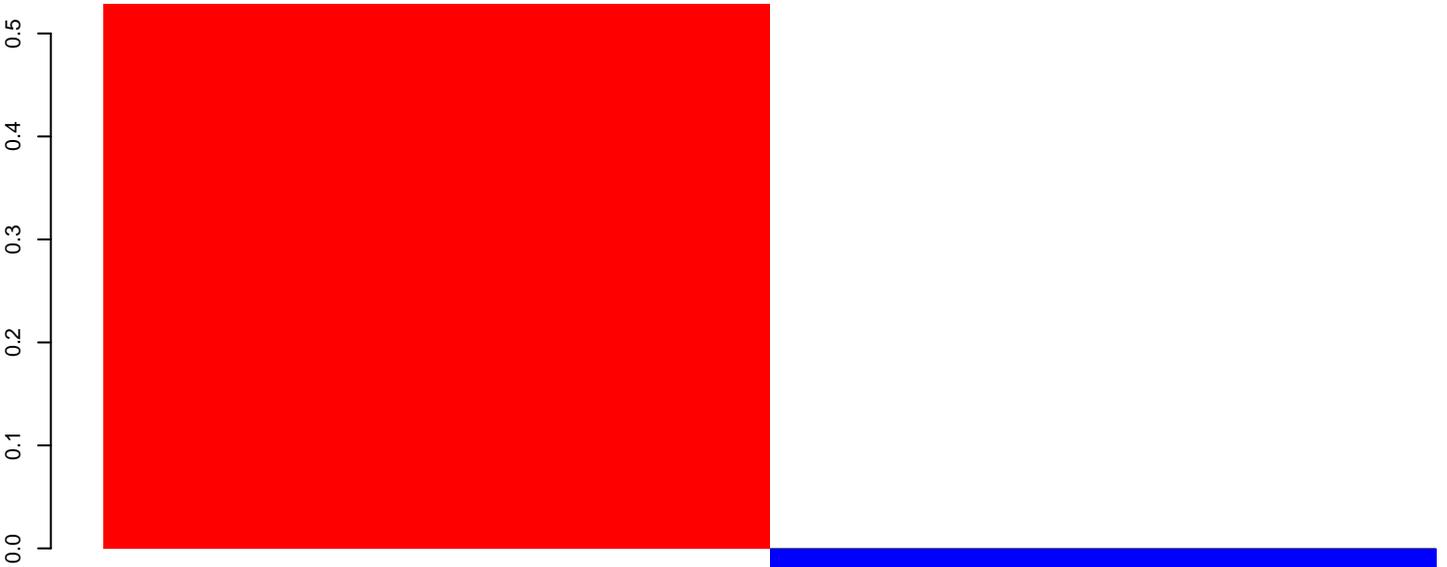
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**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



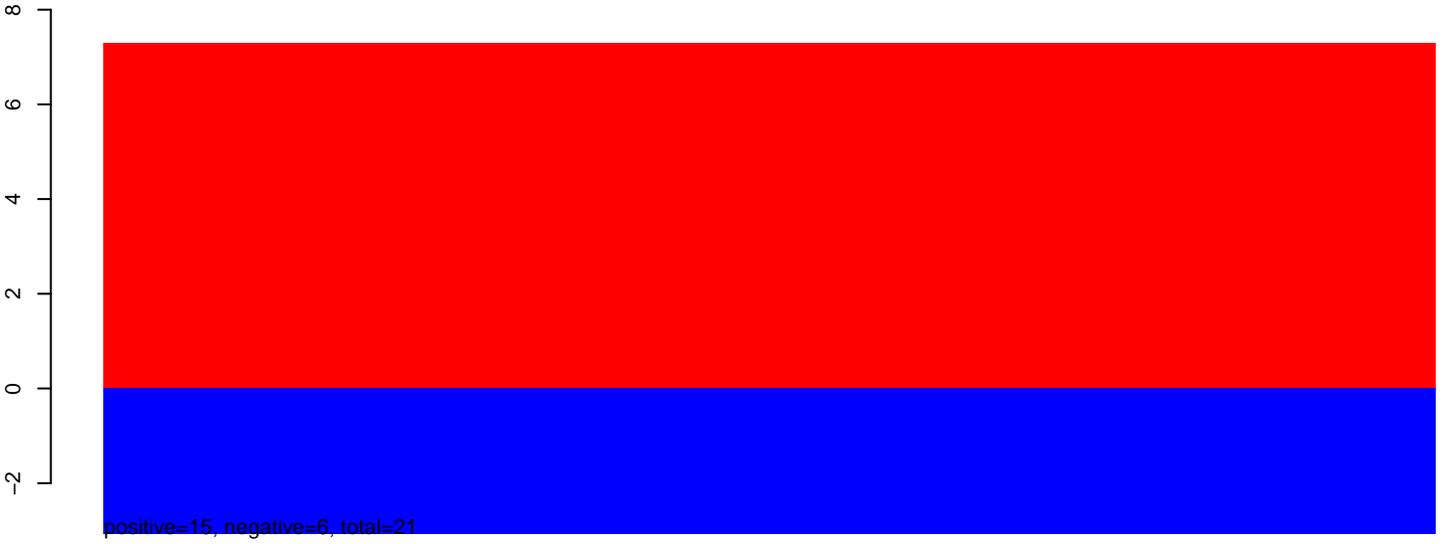
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



Window size: 50, overlap: 10, 1 AEL017687-RA-U4-U4-spliceosomal-RNA-srRNA-2-38441143-38441283-1-gene-AAEL017687:1-141

60 80 100 120 140

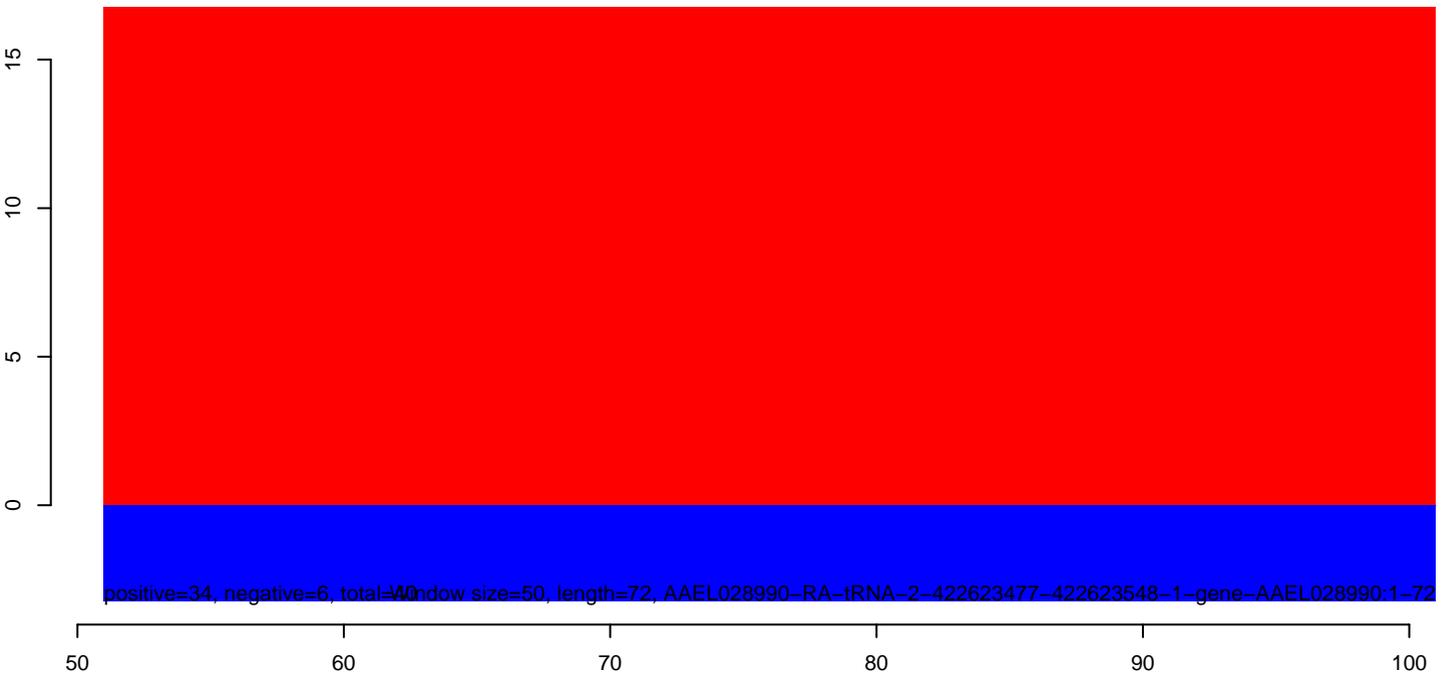
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



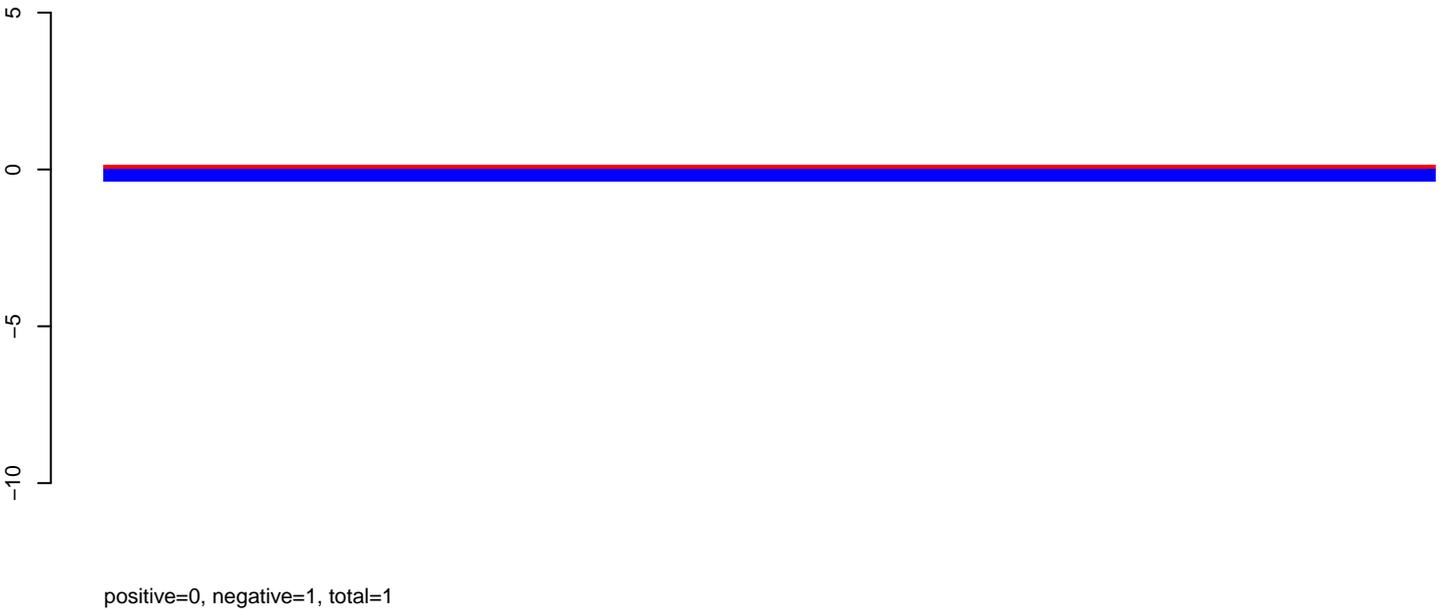
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



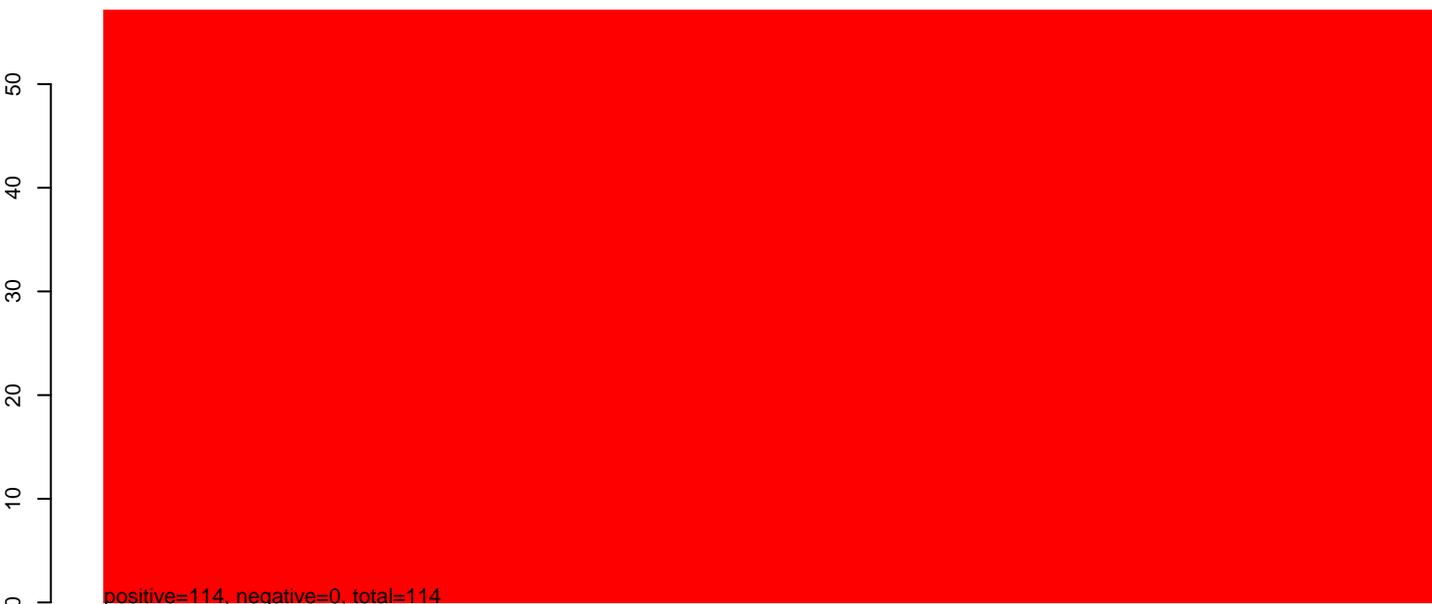
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



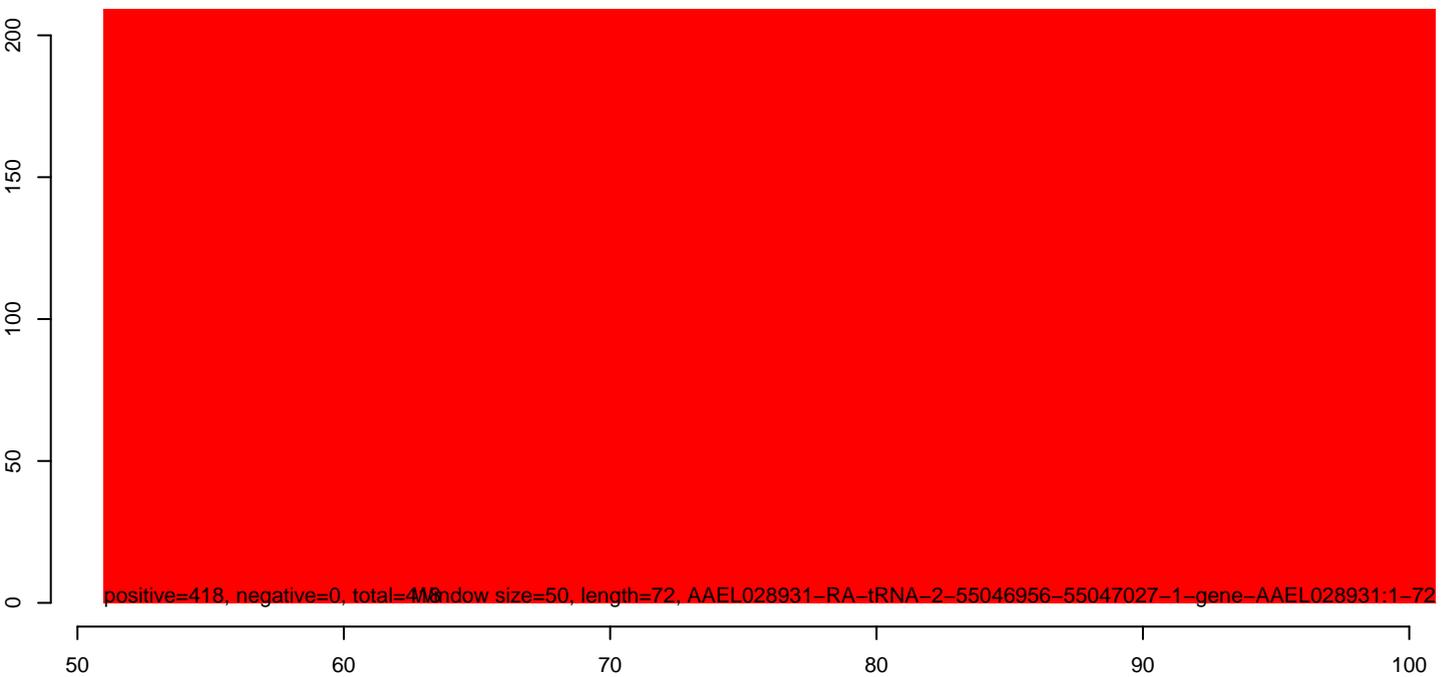
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**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



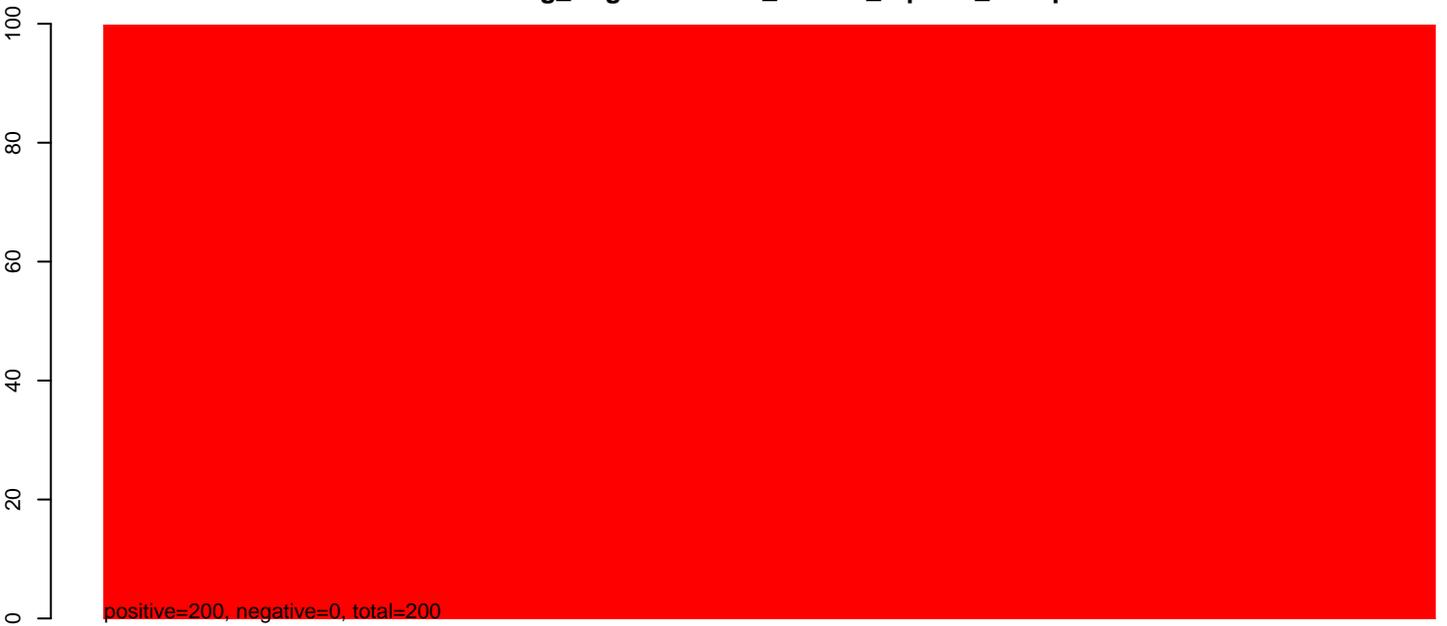
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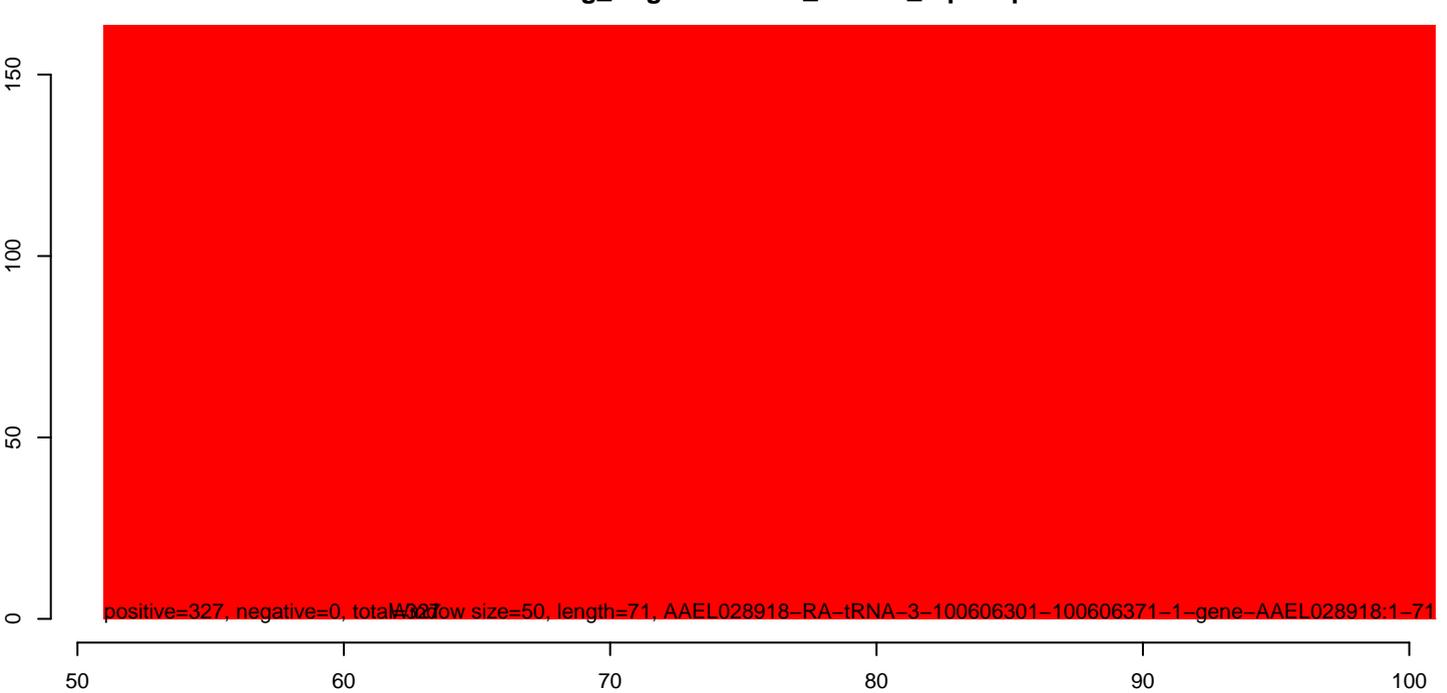
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



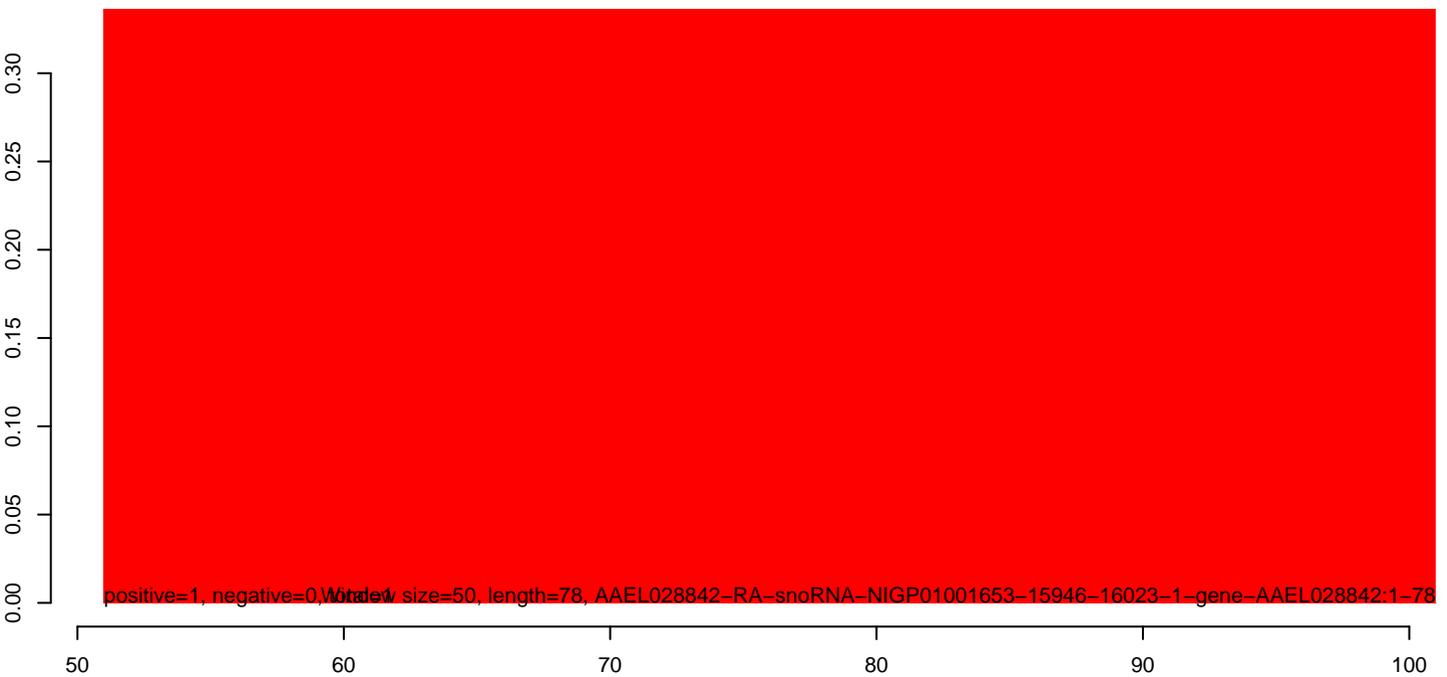
AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep



AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep



AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



50 60 70 80 90 100

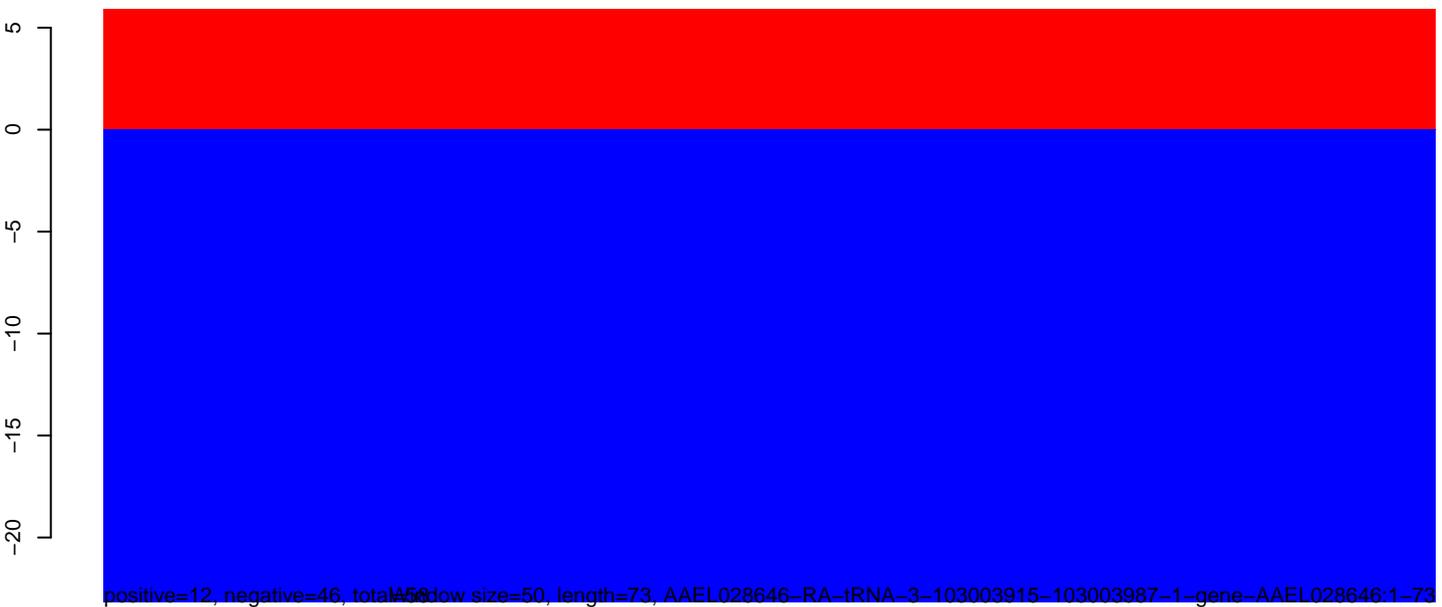
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



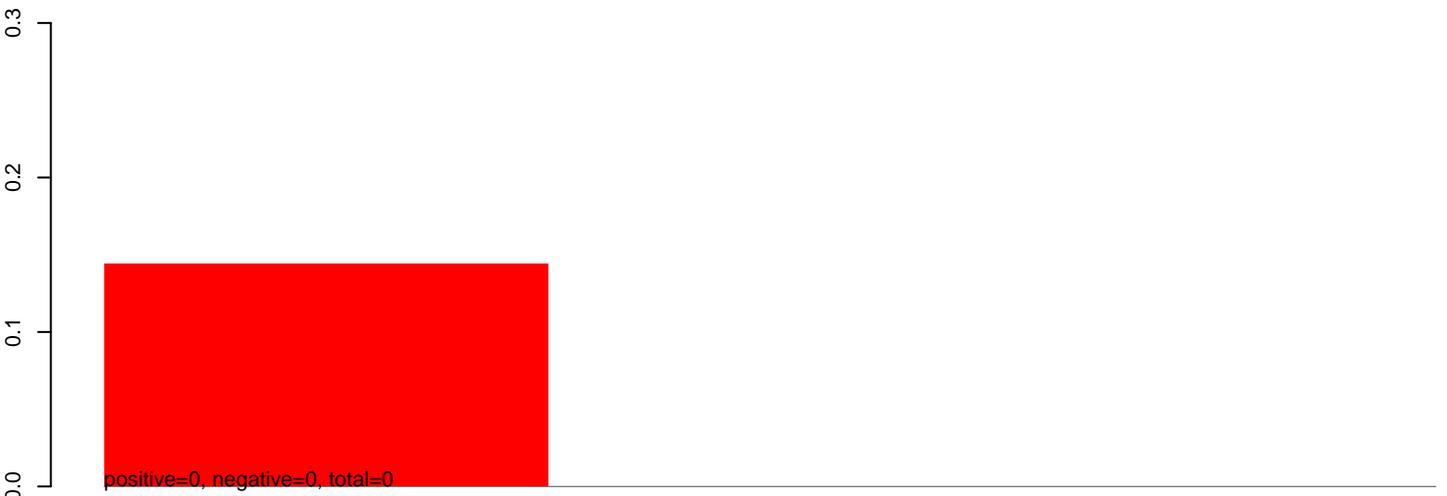
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



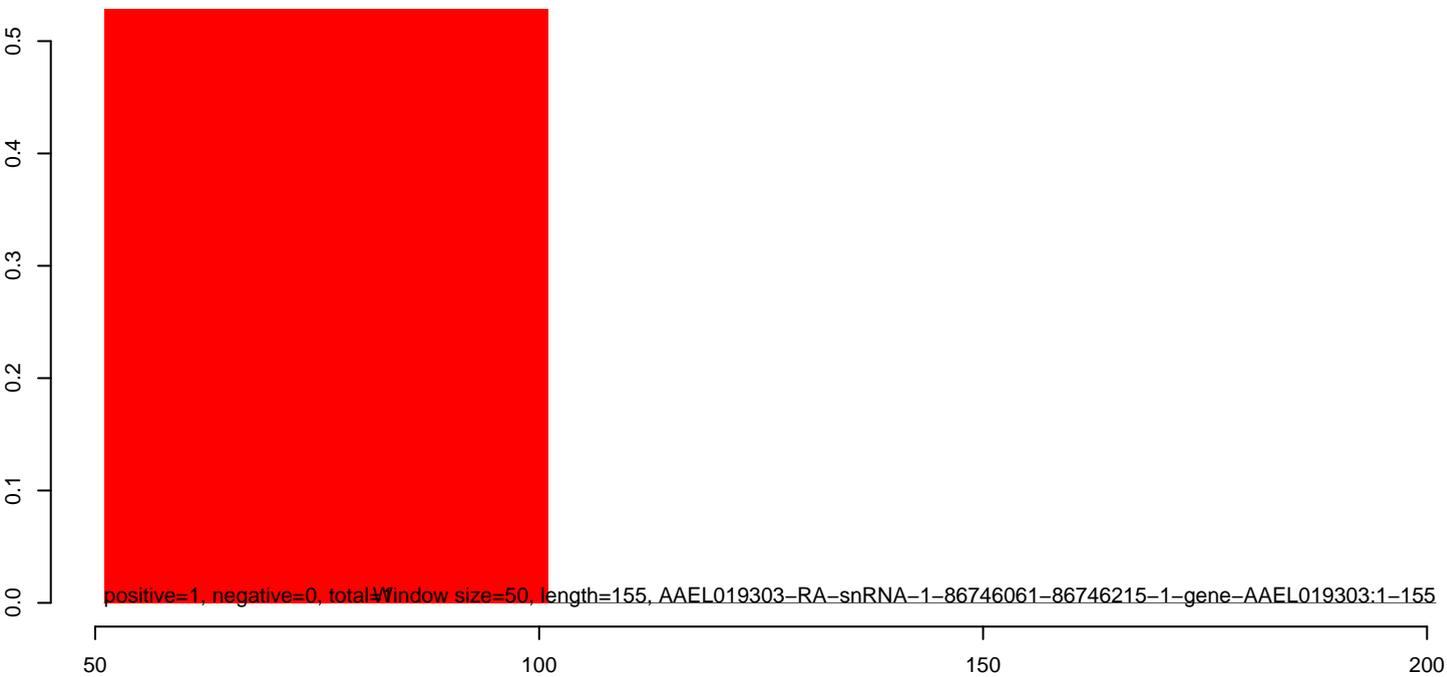
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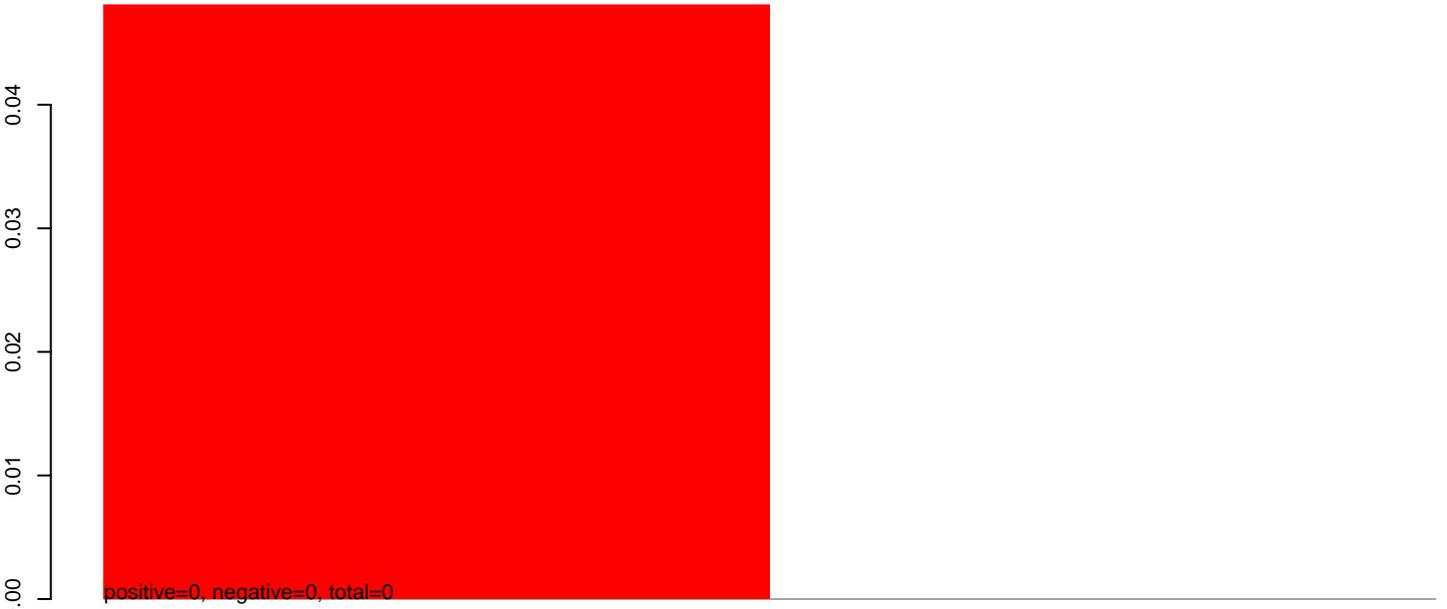
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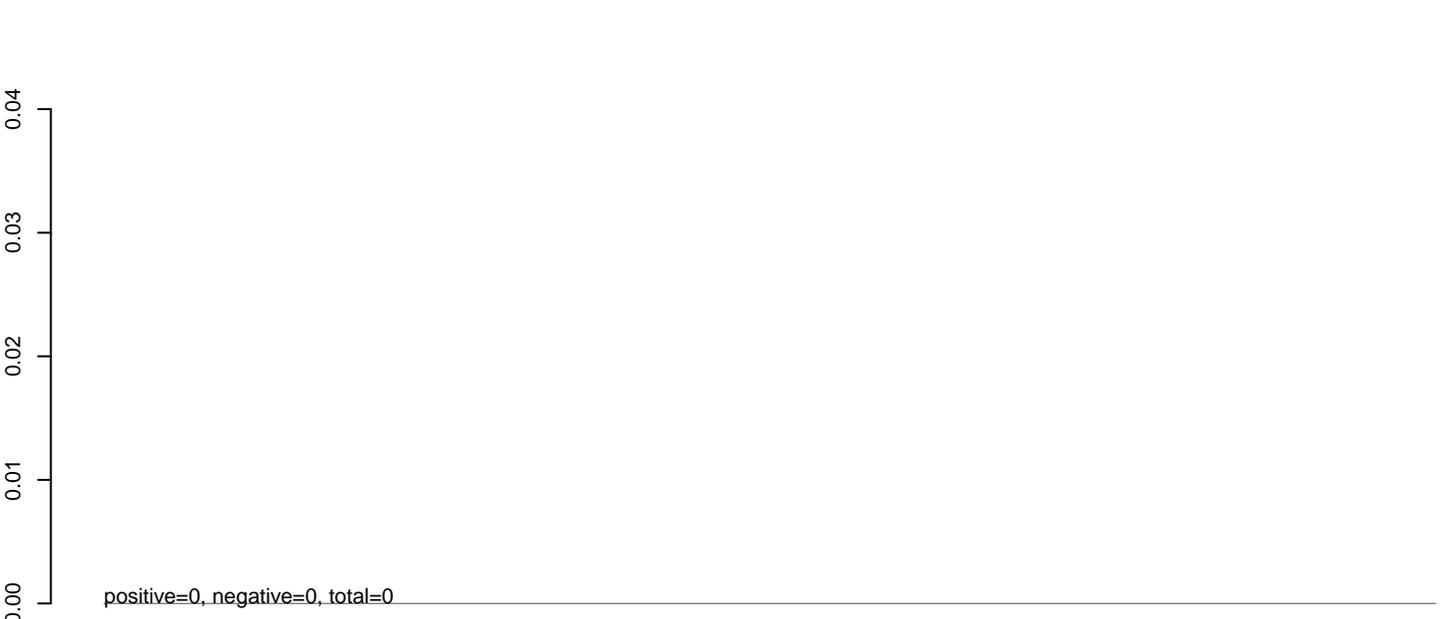
AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep



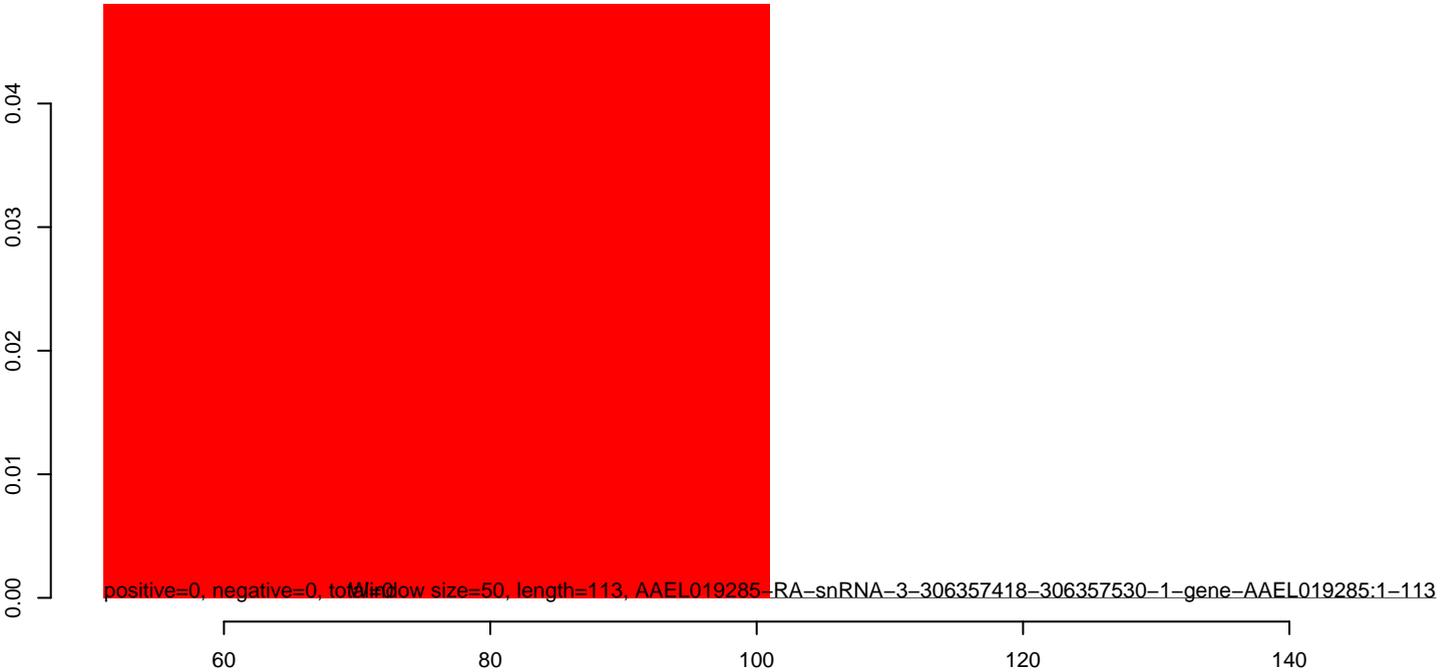
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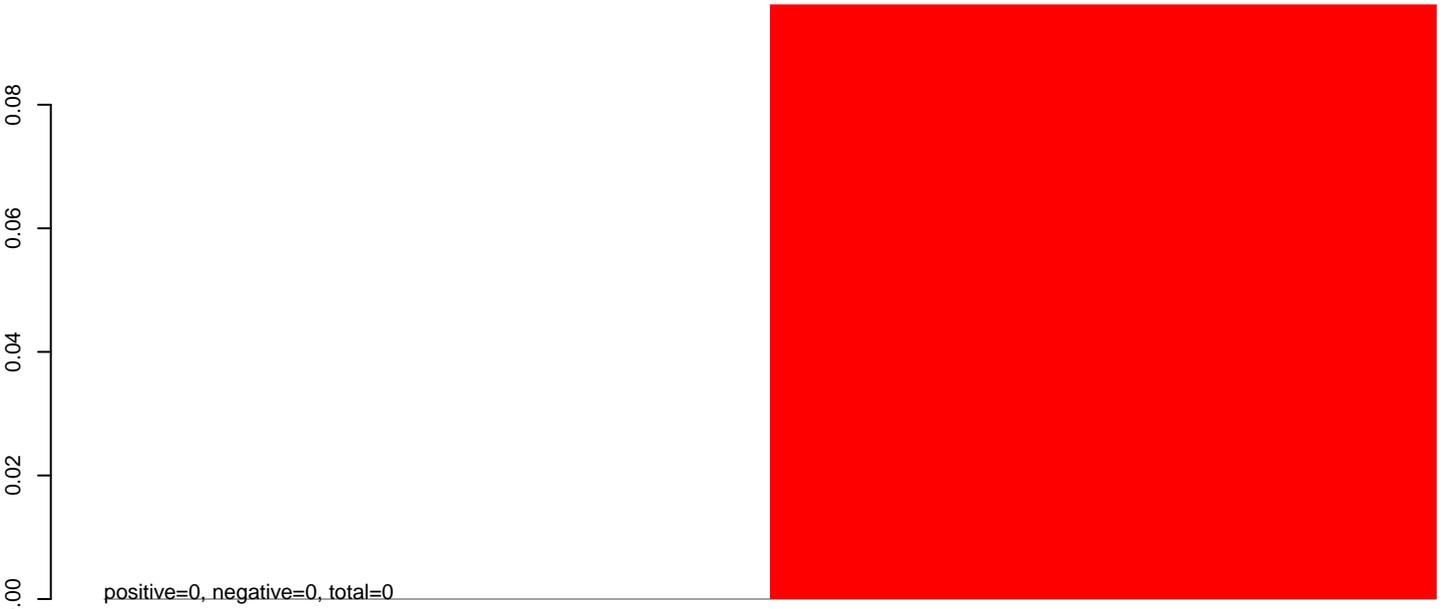
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



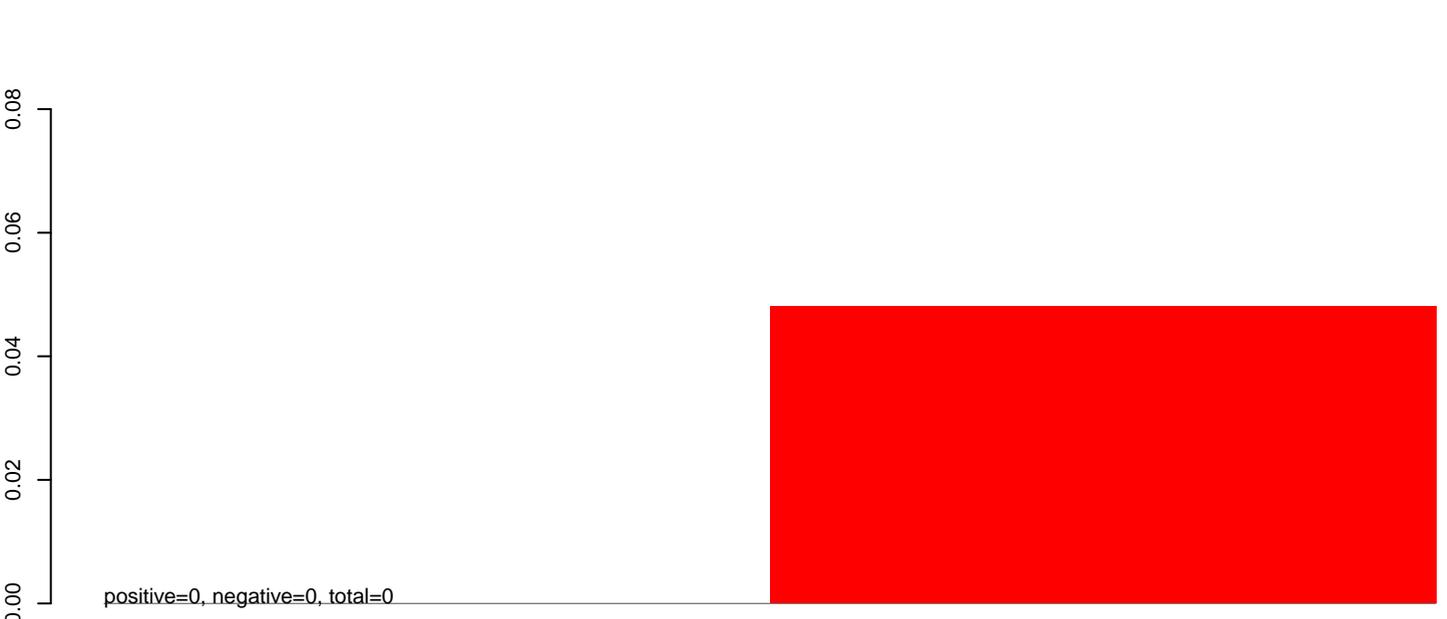
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



60 80 100 120 140

AAEL019080-RA-snrRNA-3-292583187-292583328-1-gene-AAEL019080:1-142

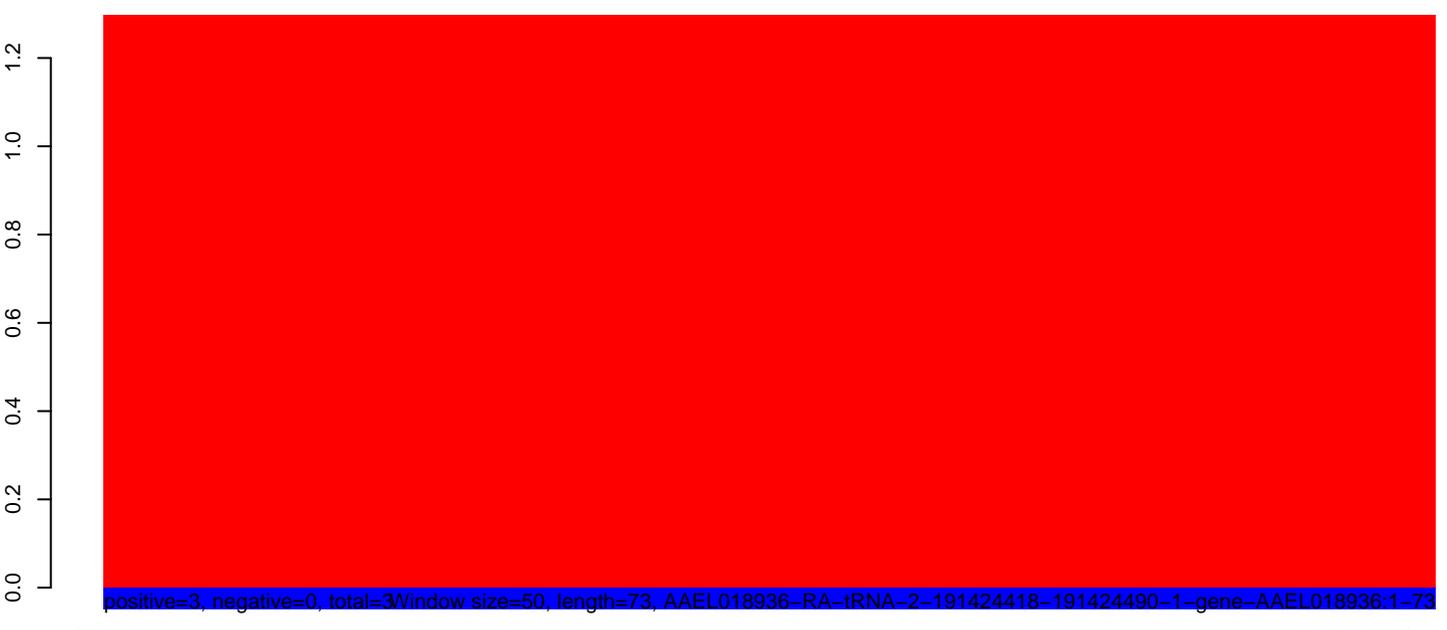
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



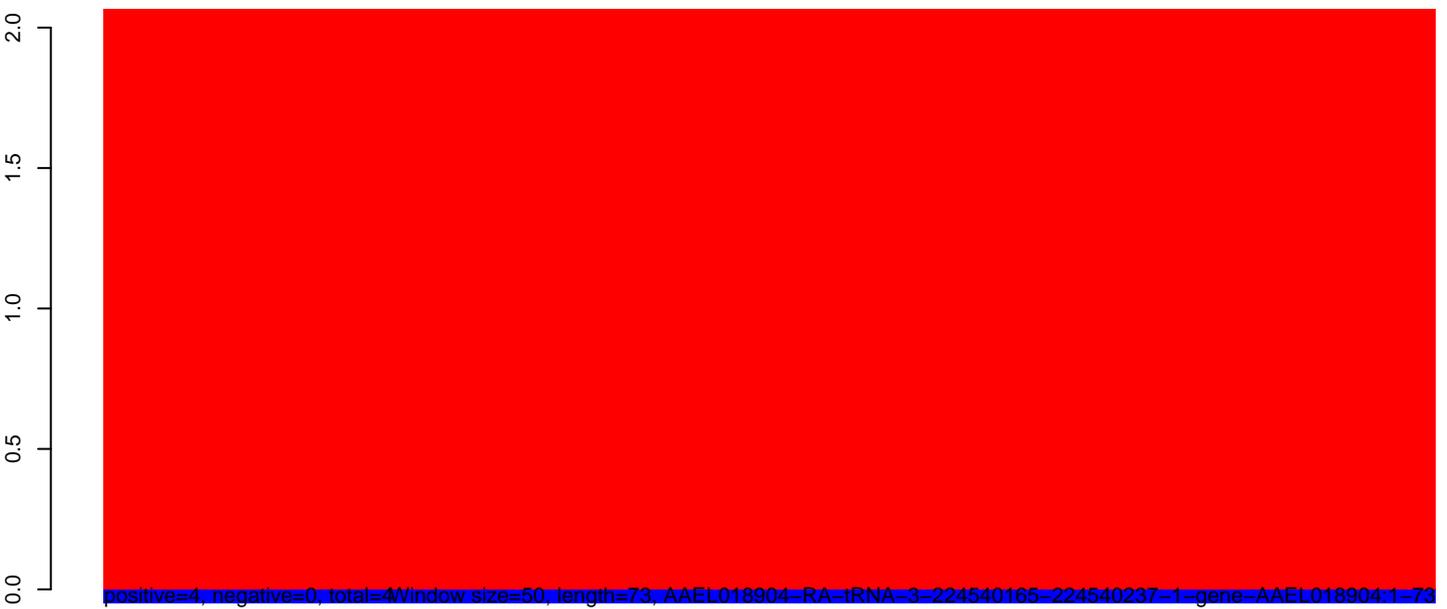
positive=3, negative=0, total=3

**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



positive=1, negative=0, total=1

**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



positive=4, negative=0, total=4/window size=50, length=73, AAEL018904-RA-irna-3-224540165-224540237-1-gene-AAEL018904:1-73

50 60 70 80 90 100

**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**

100  
80  
60  
40  
20  
0

positive=20, negative=0, total=20

**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**

100  
80  
60  
40  
20  
0

positive=198, negative=0, total=198

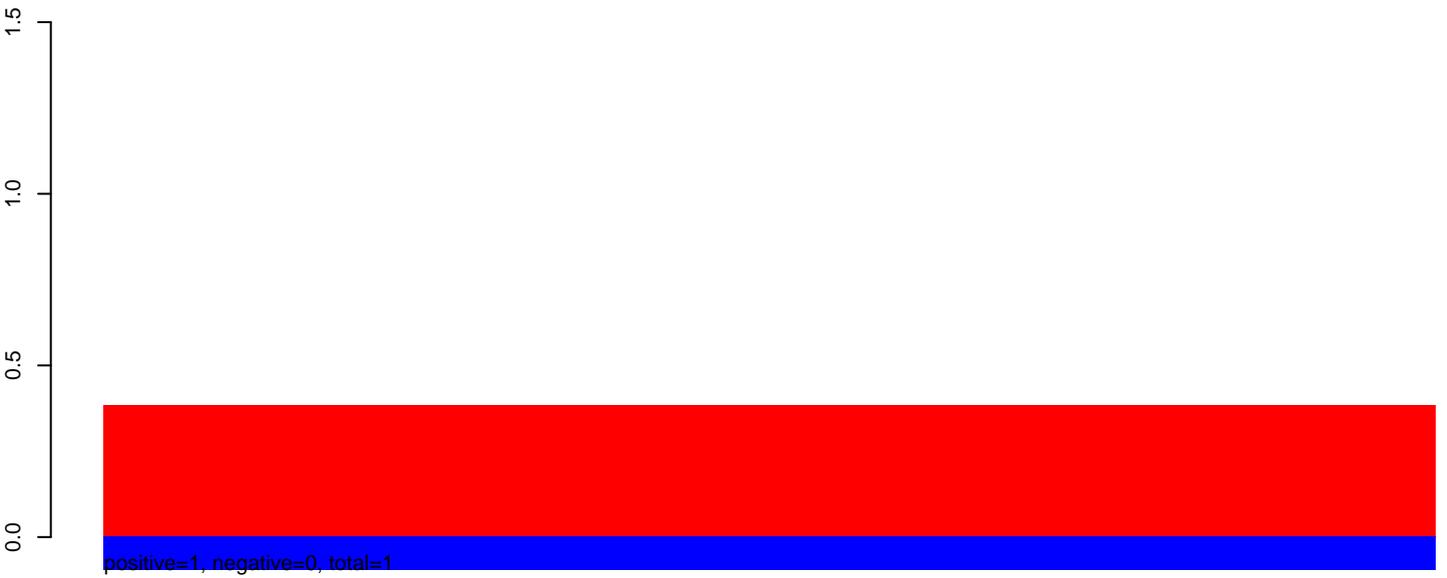
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**

100  
80  
60  
40  
20  
0

positive=219, negative=0, total=219 window size=50, length=72, AAEL018835-RA-tRNA-2-48382666-48382737-1-gene-AAEL018835:1-72

50 60 70 80 90 100

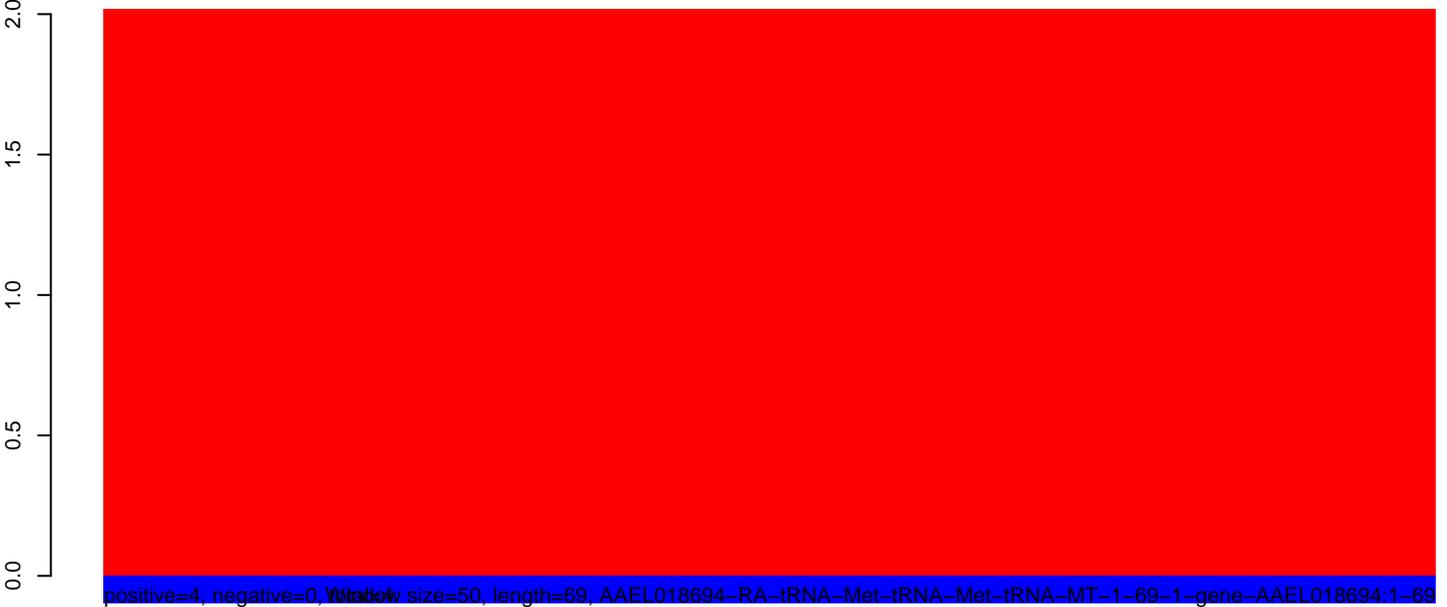
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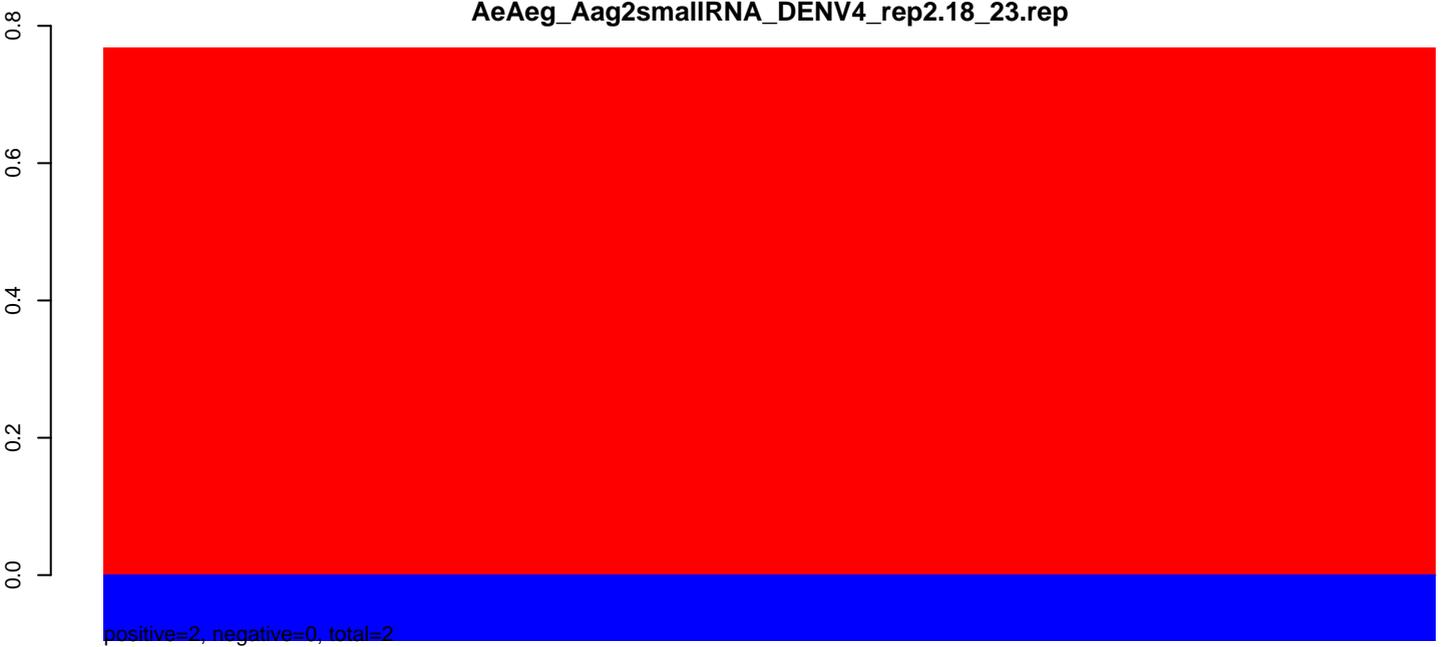
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



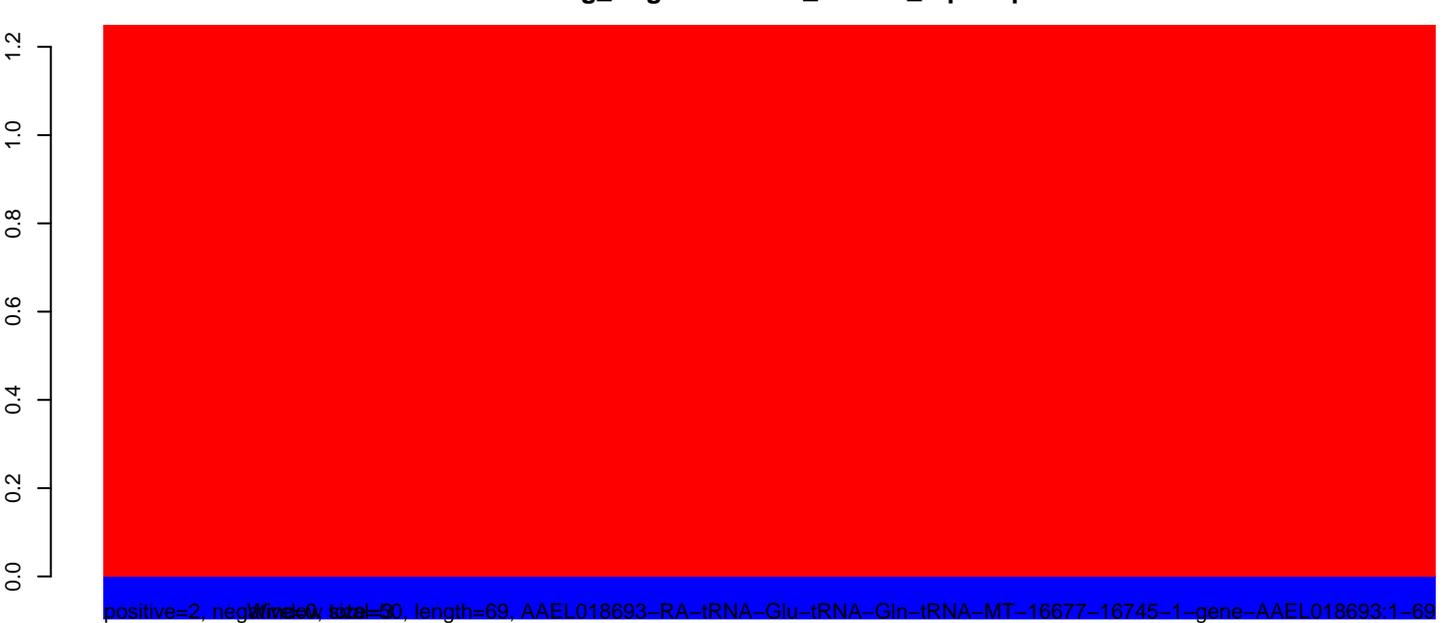
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



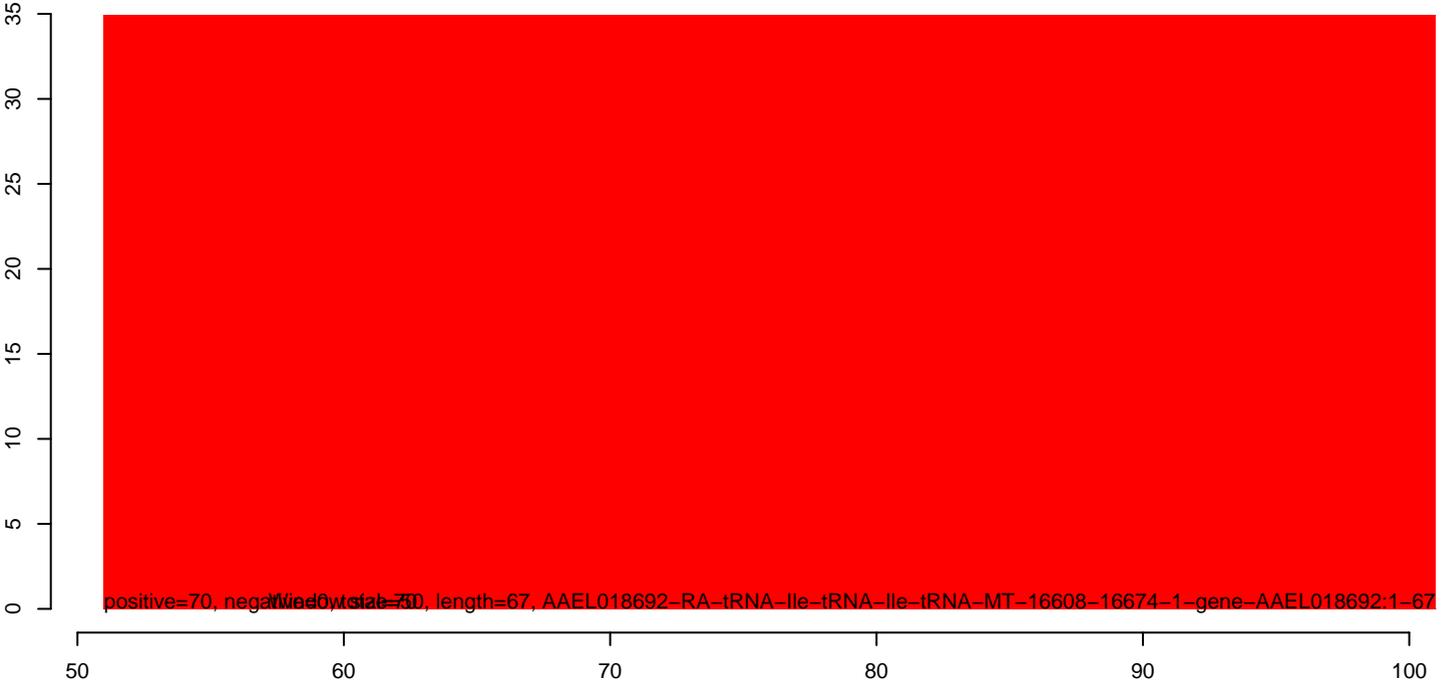
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



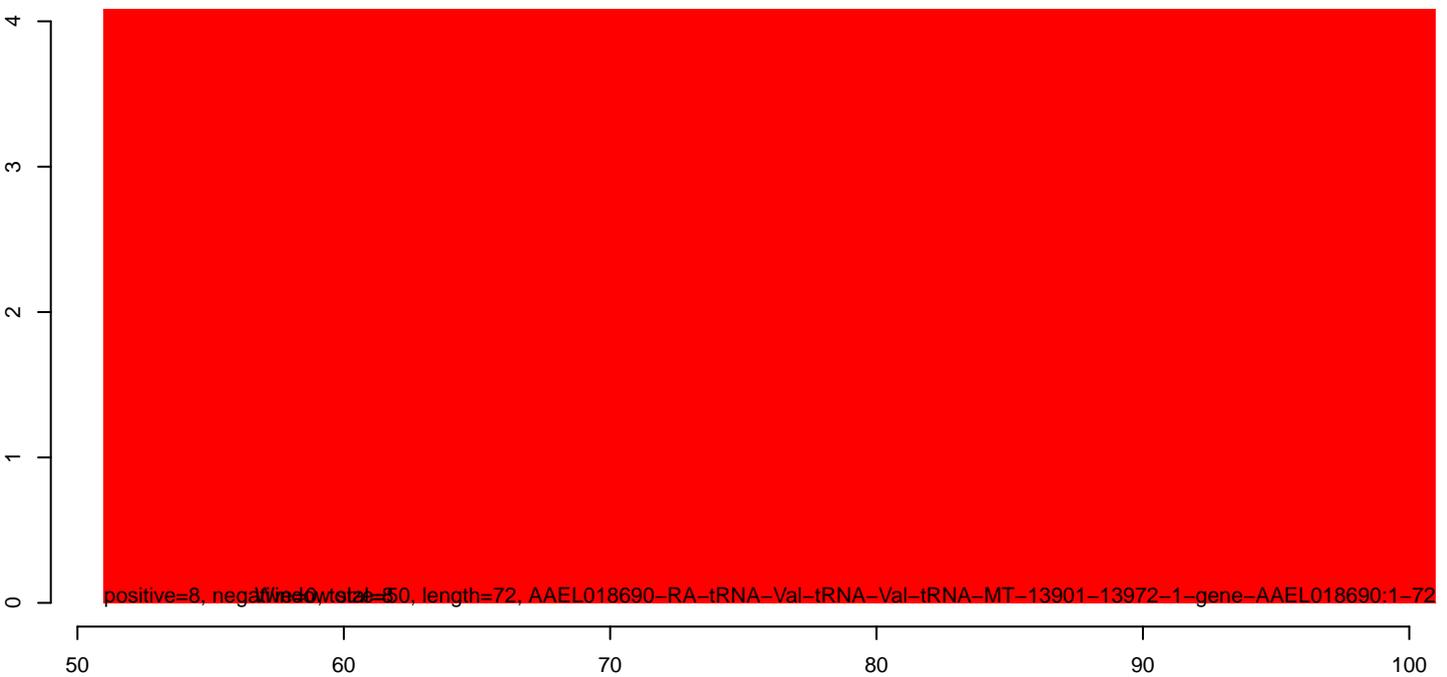
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



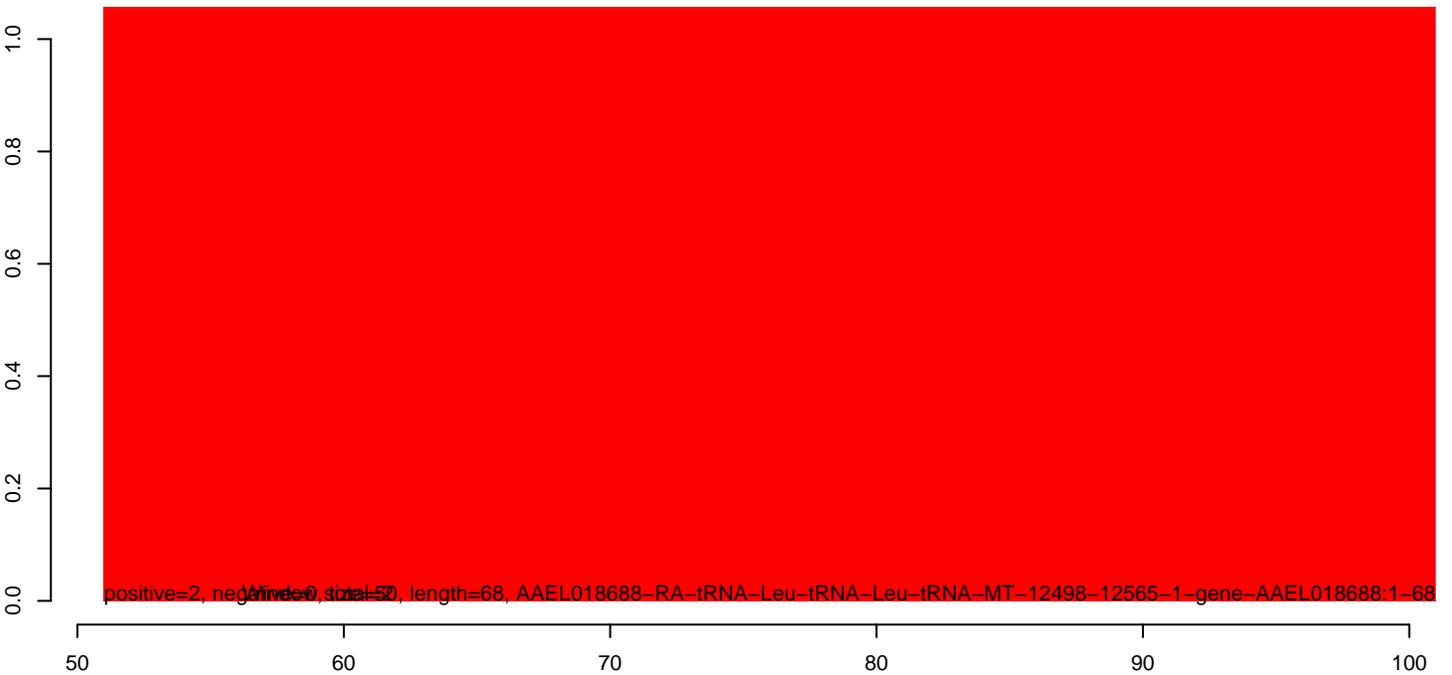
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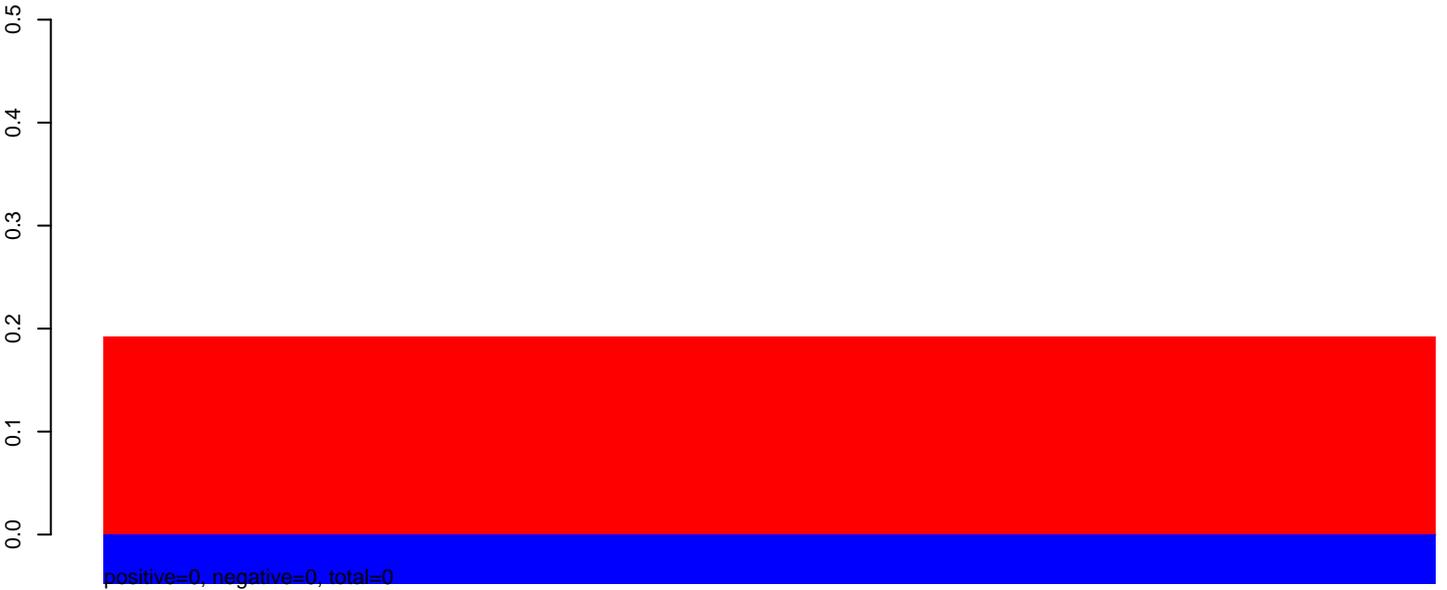
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



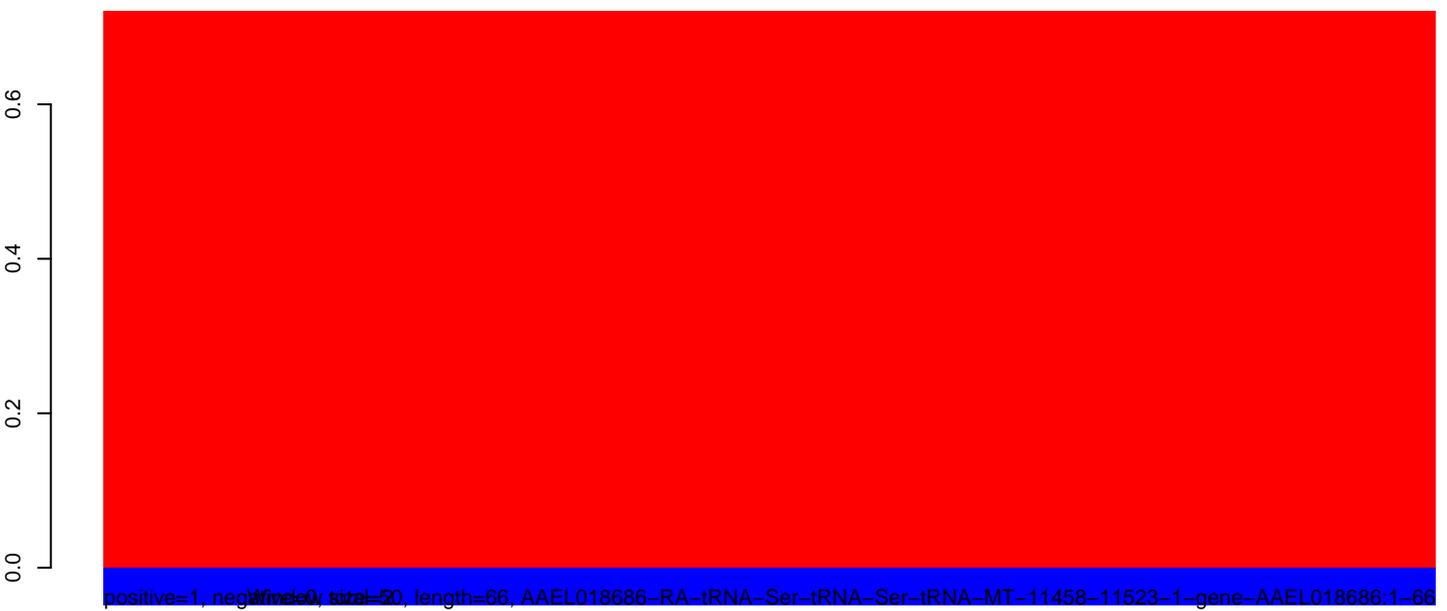
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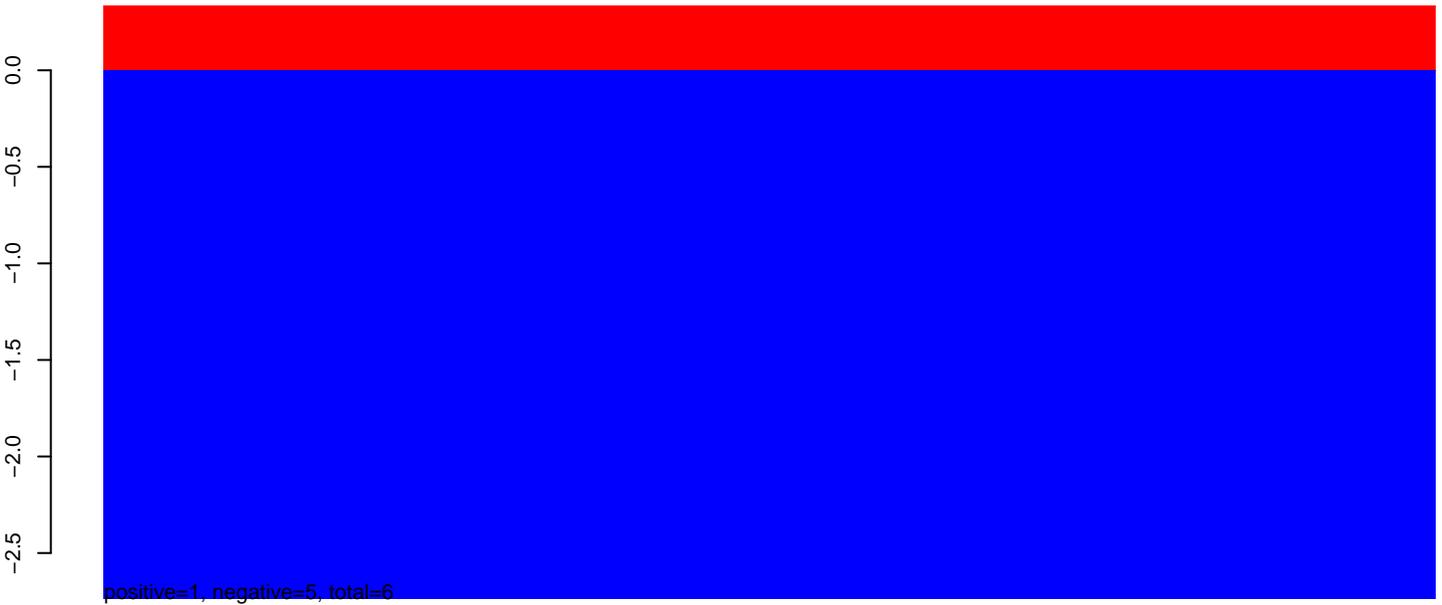
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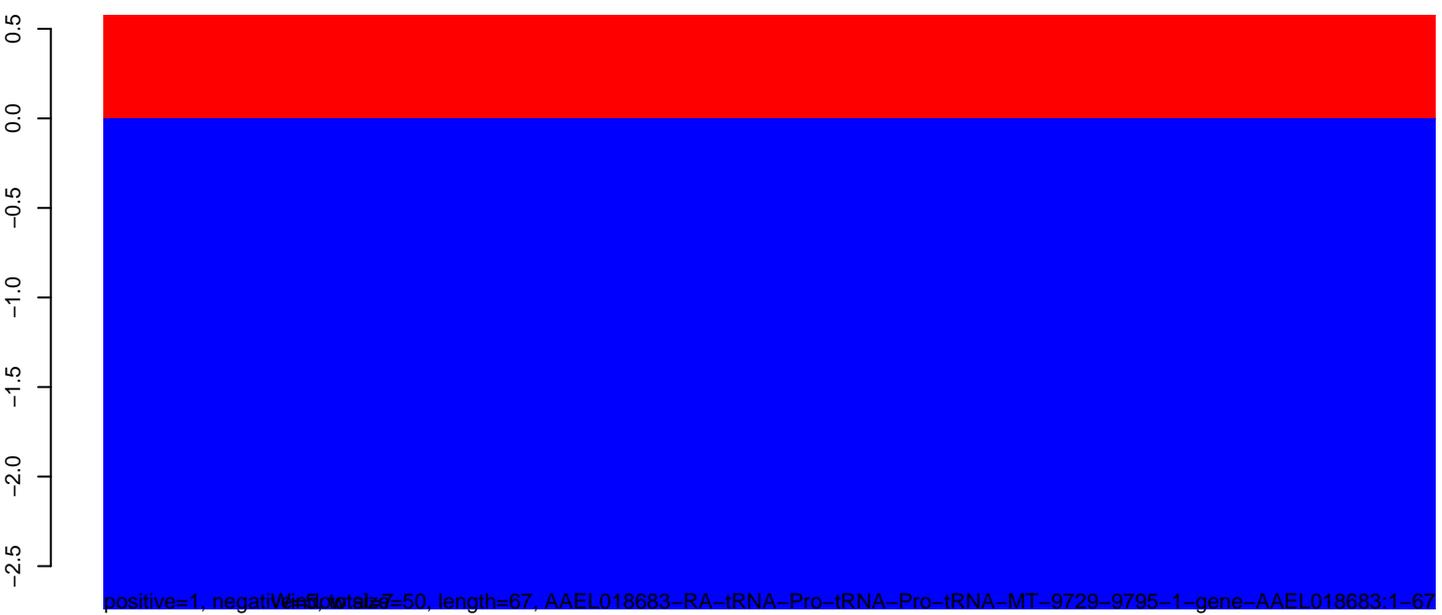
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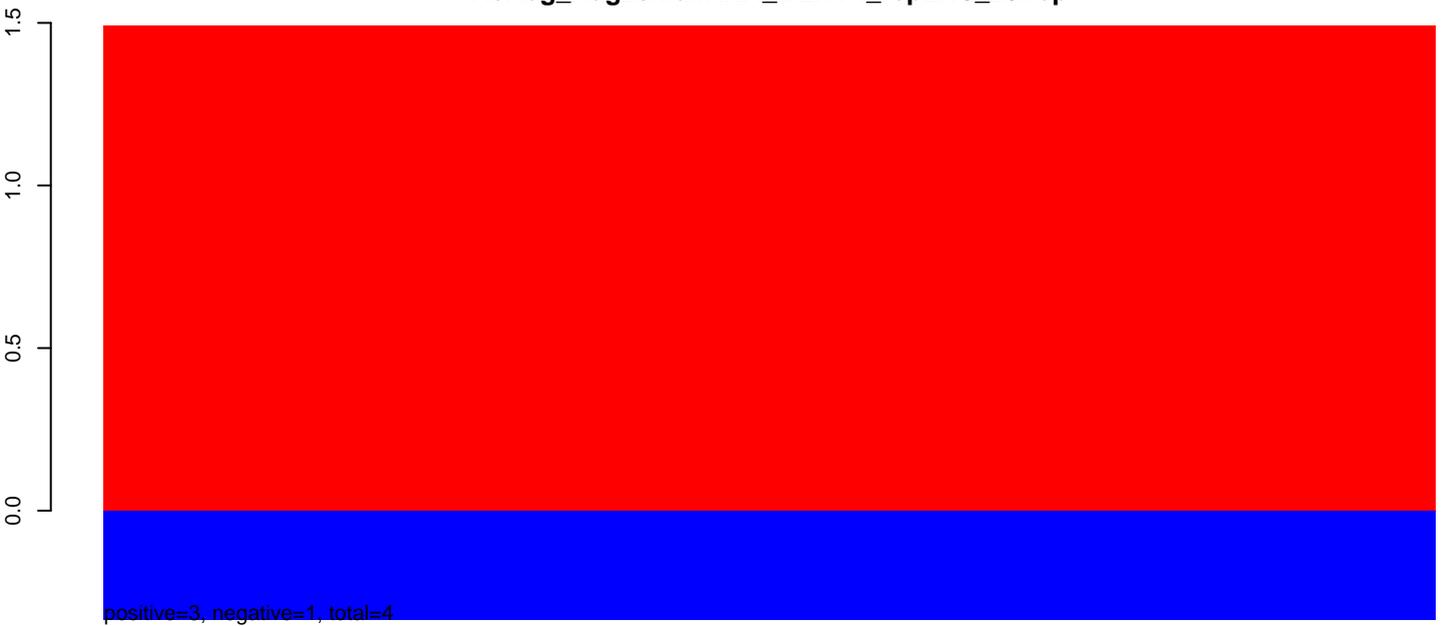
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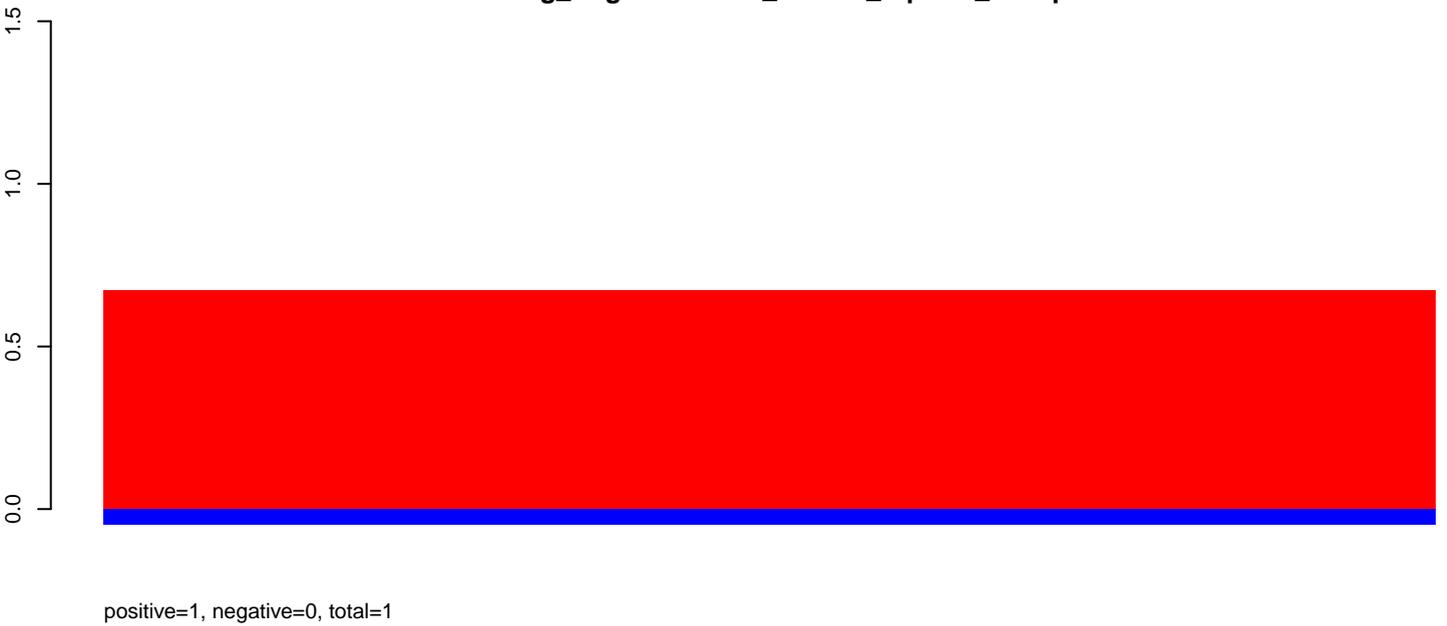
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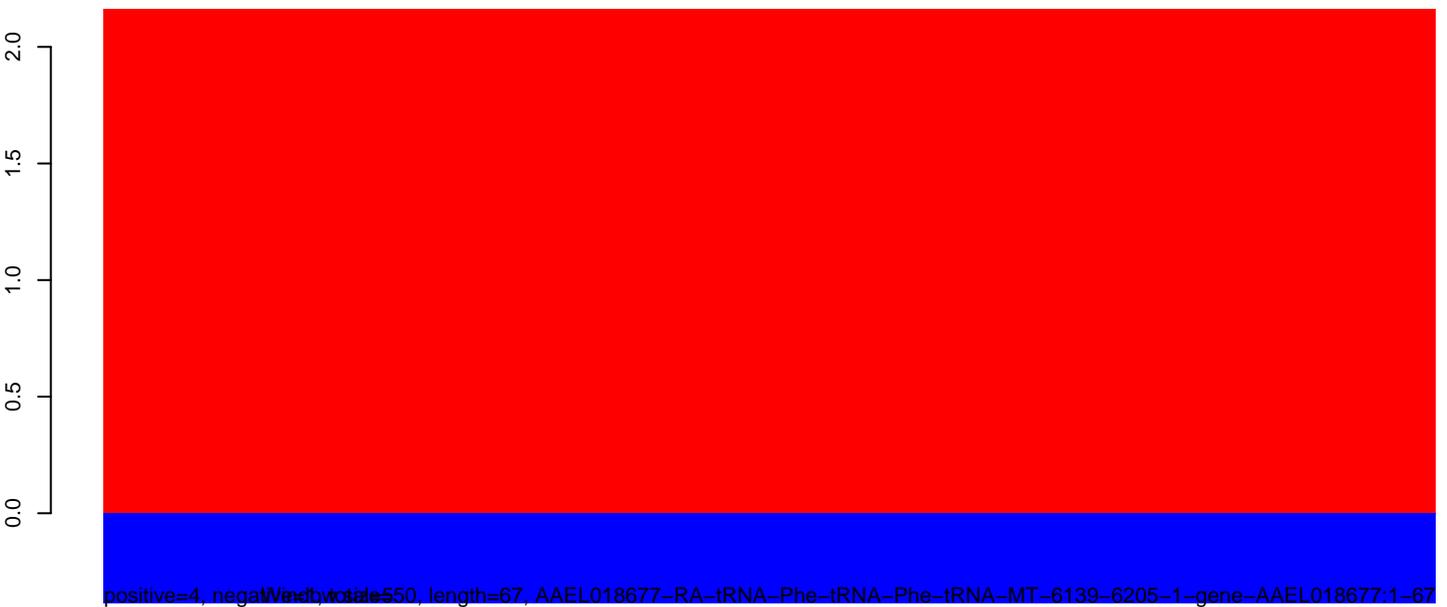
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



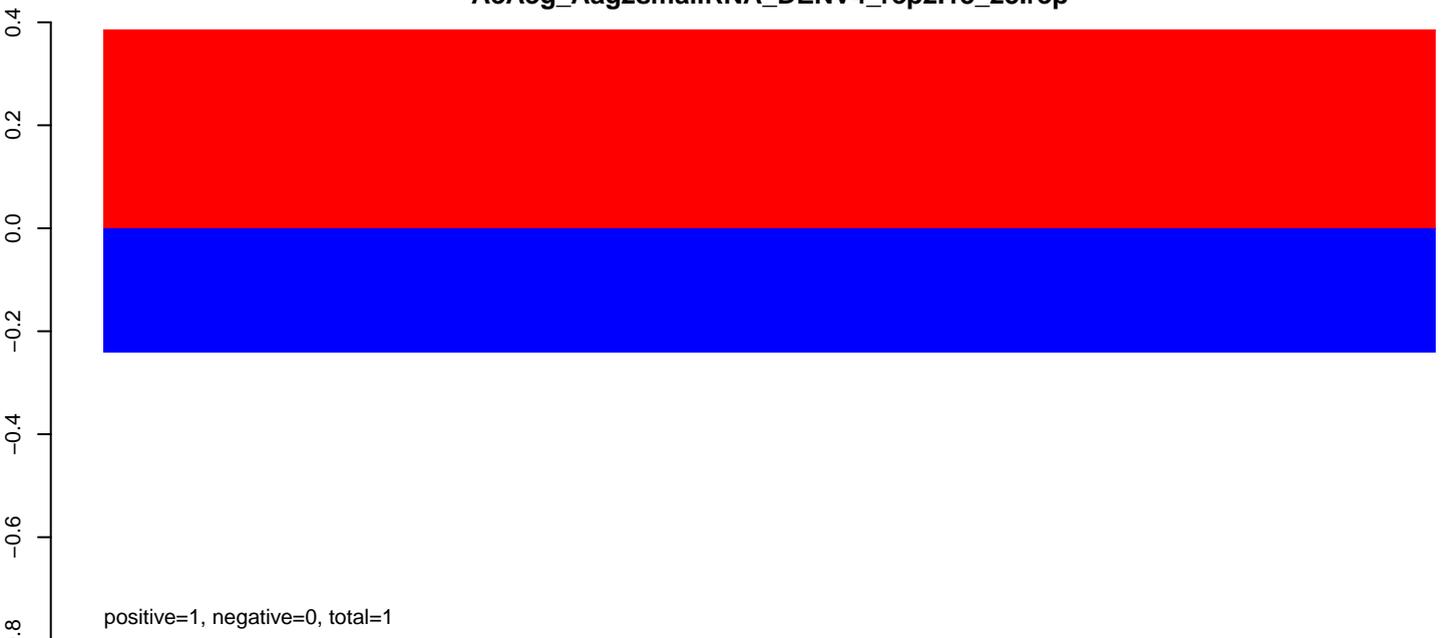
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



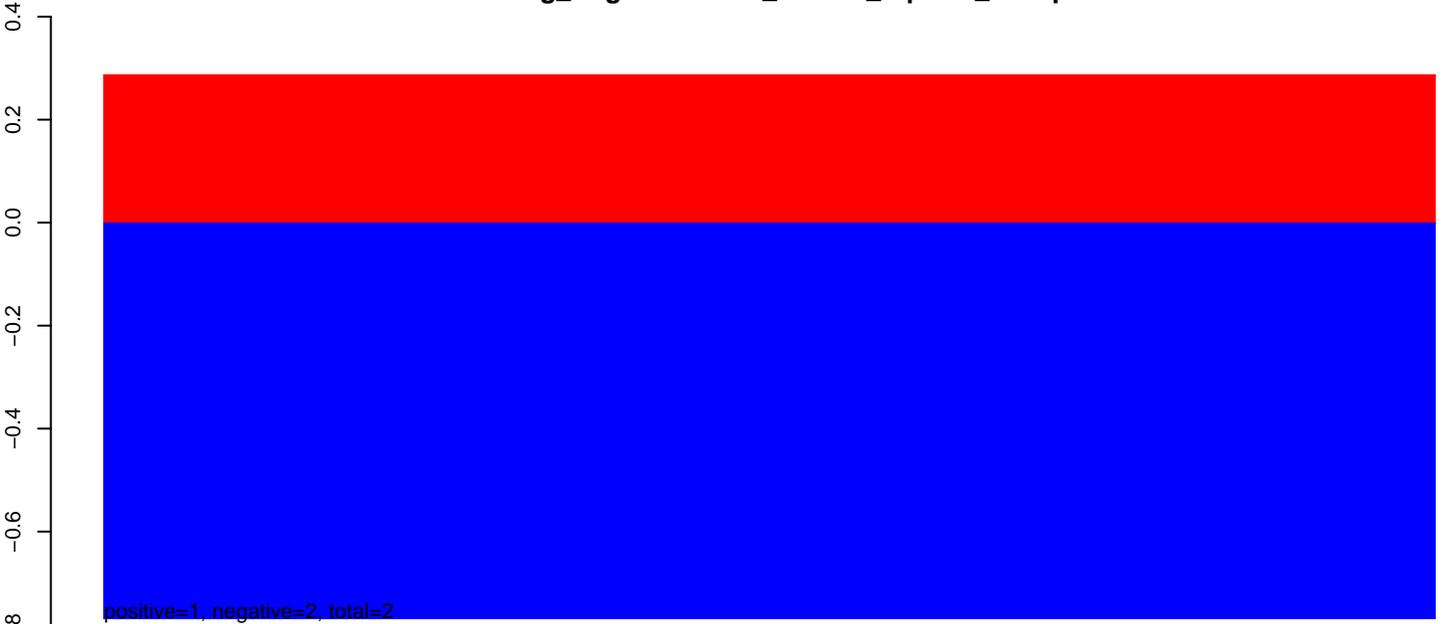
Wnt1, size=550, length=67, AAEL018677-RA-tRNA-Phe-tRNA-Phe-tRNA-MT-6139-6205-1-gene-AAEL018677-1-67

50 60 70 80 90 100

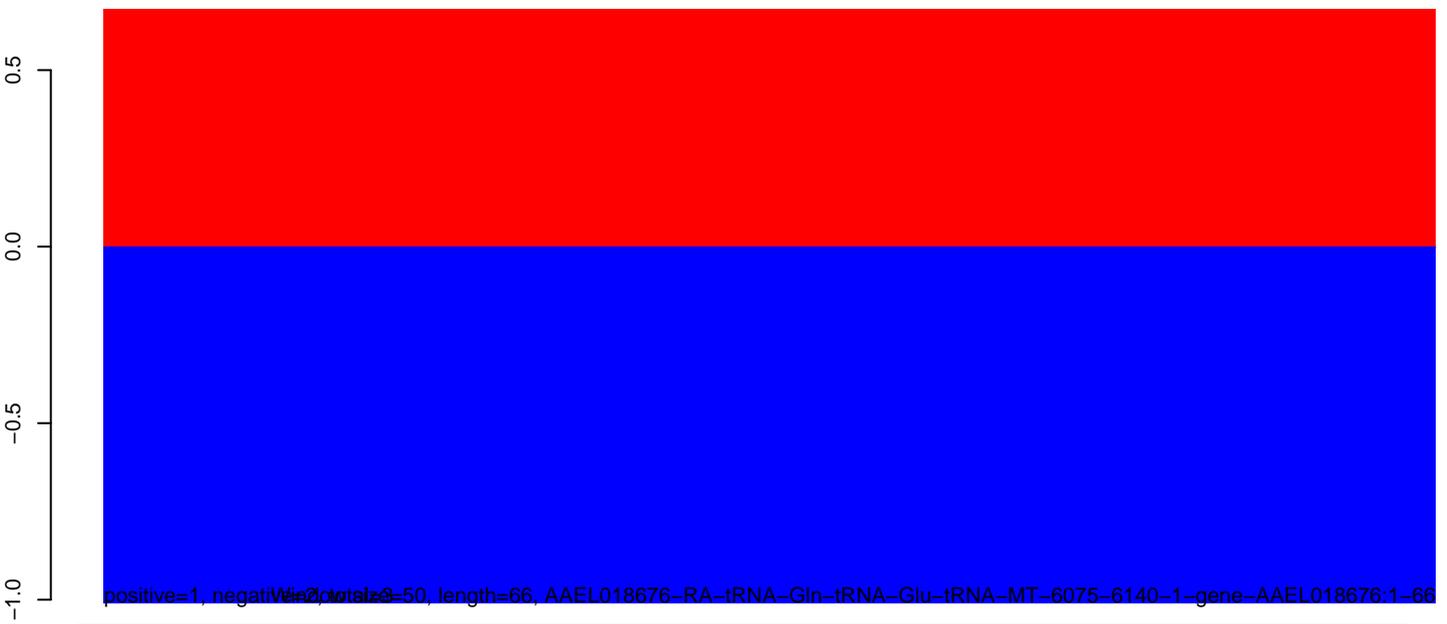
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



Window size=50, length=66, AAEL018676-RA-tRNA-Gln-tRNA-Glu-tRNA-MT-6075-6140-1-gene-AAEL018676:1-66

50 60 70 80 90 100

**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



positive=1, negative=7, total=7

**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



positive=0, negative=18, total=18

**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



positive=1, negative=26, total=27, wordsize=250, length=67, AAEL018675-RA-tRNA-Ser-tRNA-Ser-tRNA-MT-5996-6062-1-gene-AAEL018675:1-67



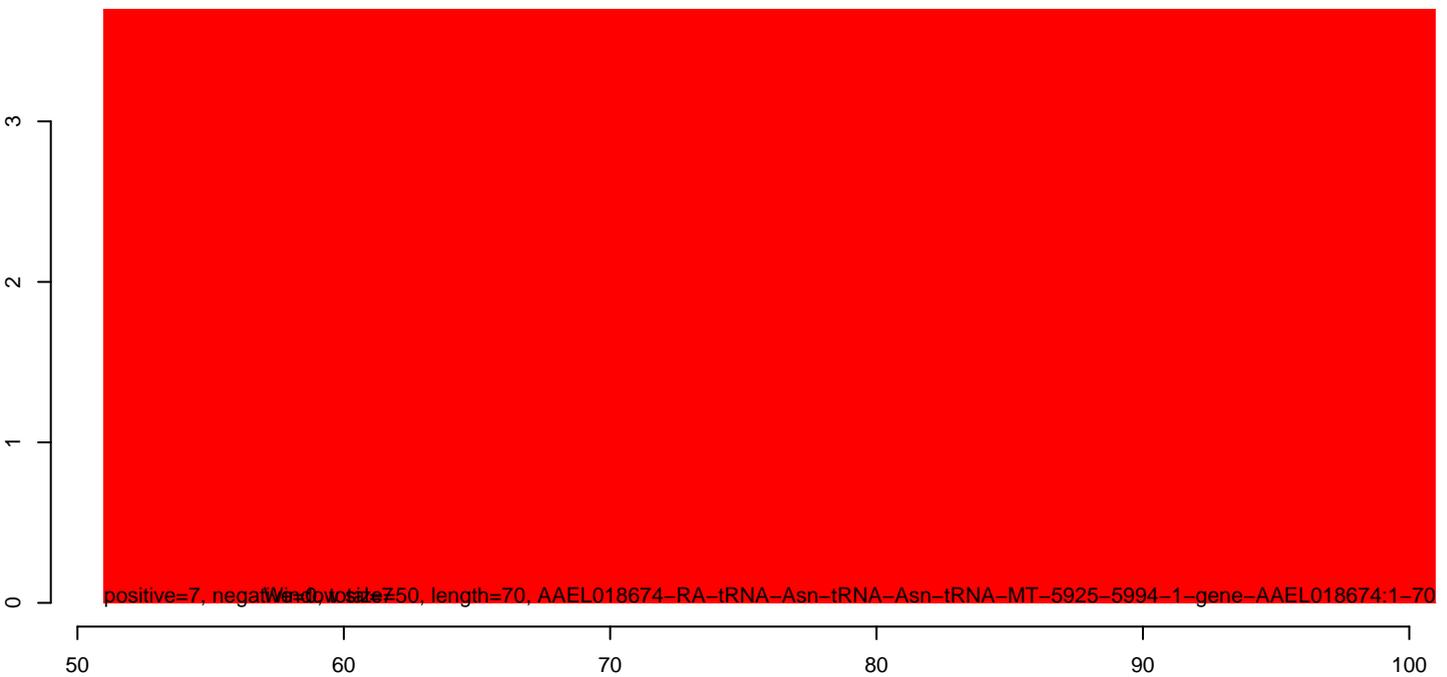
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



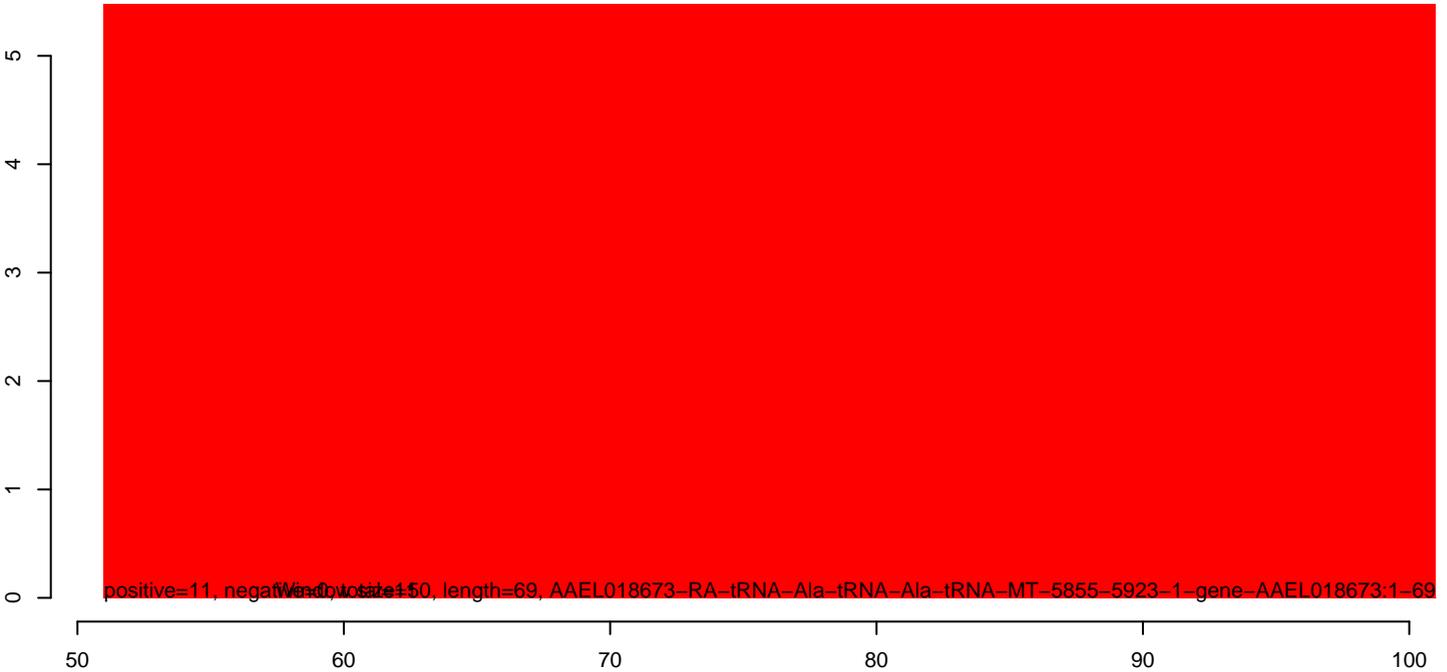
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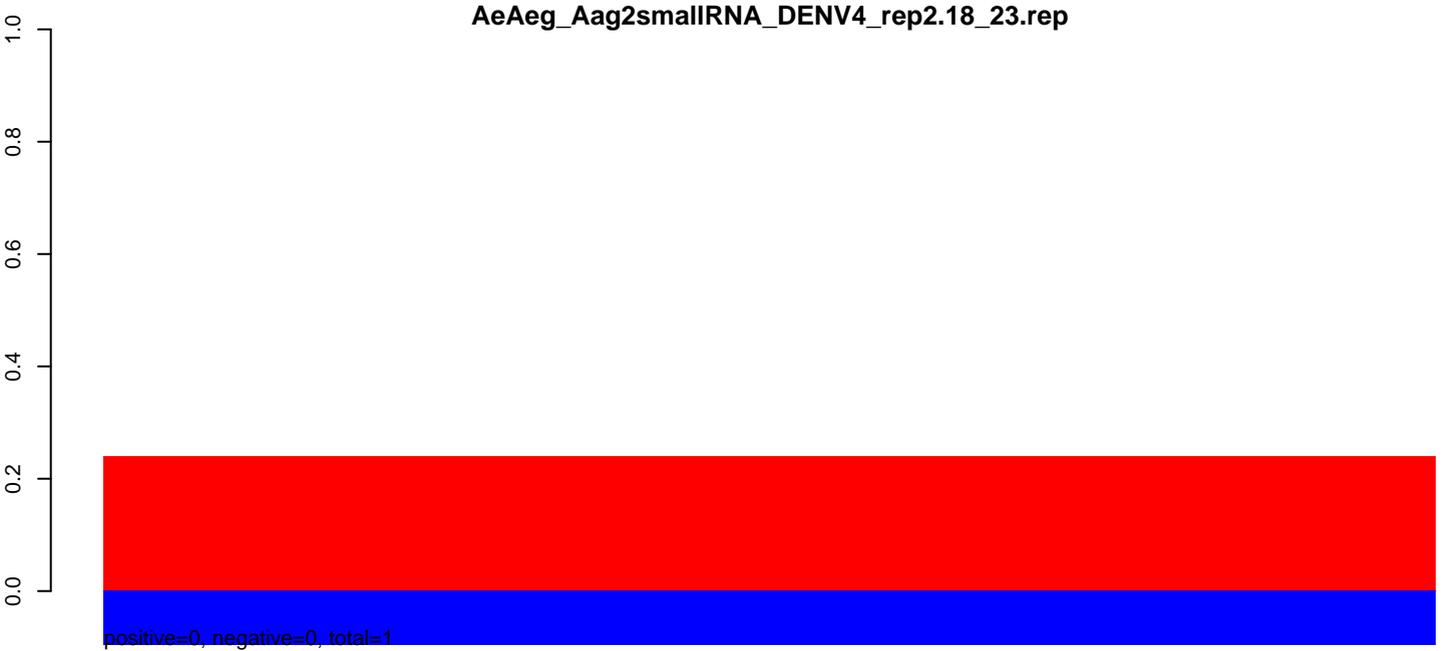
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



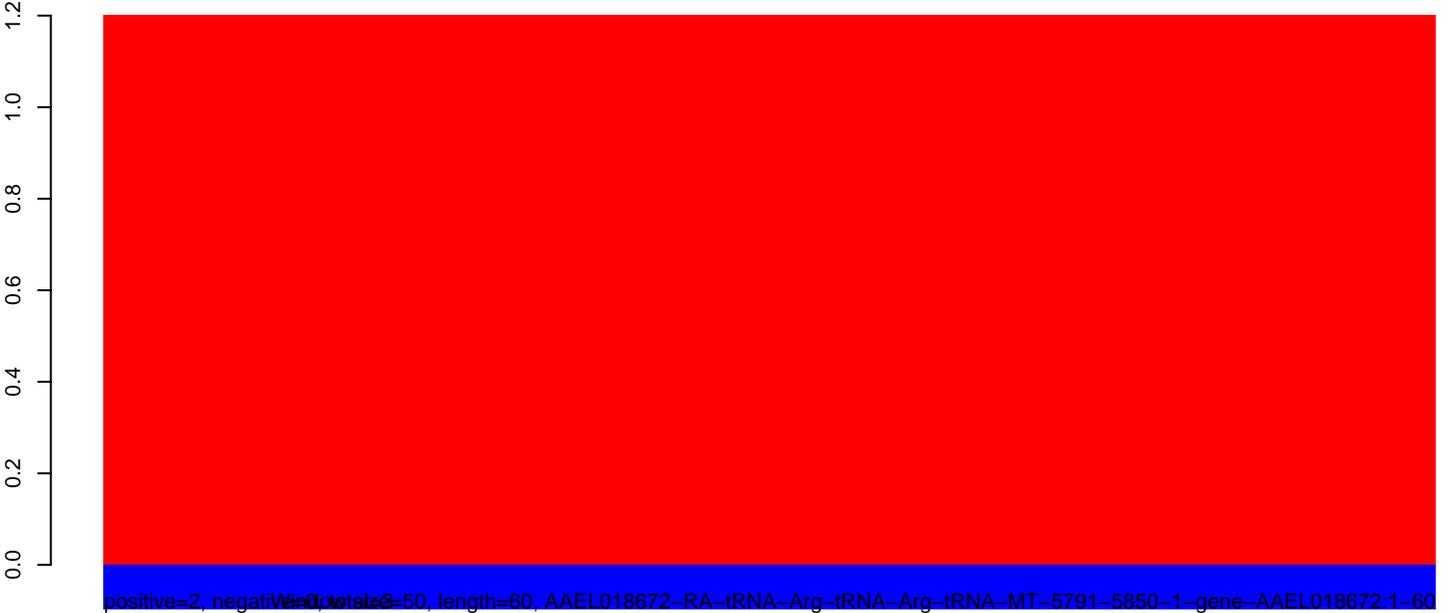
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



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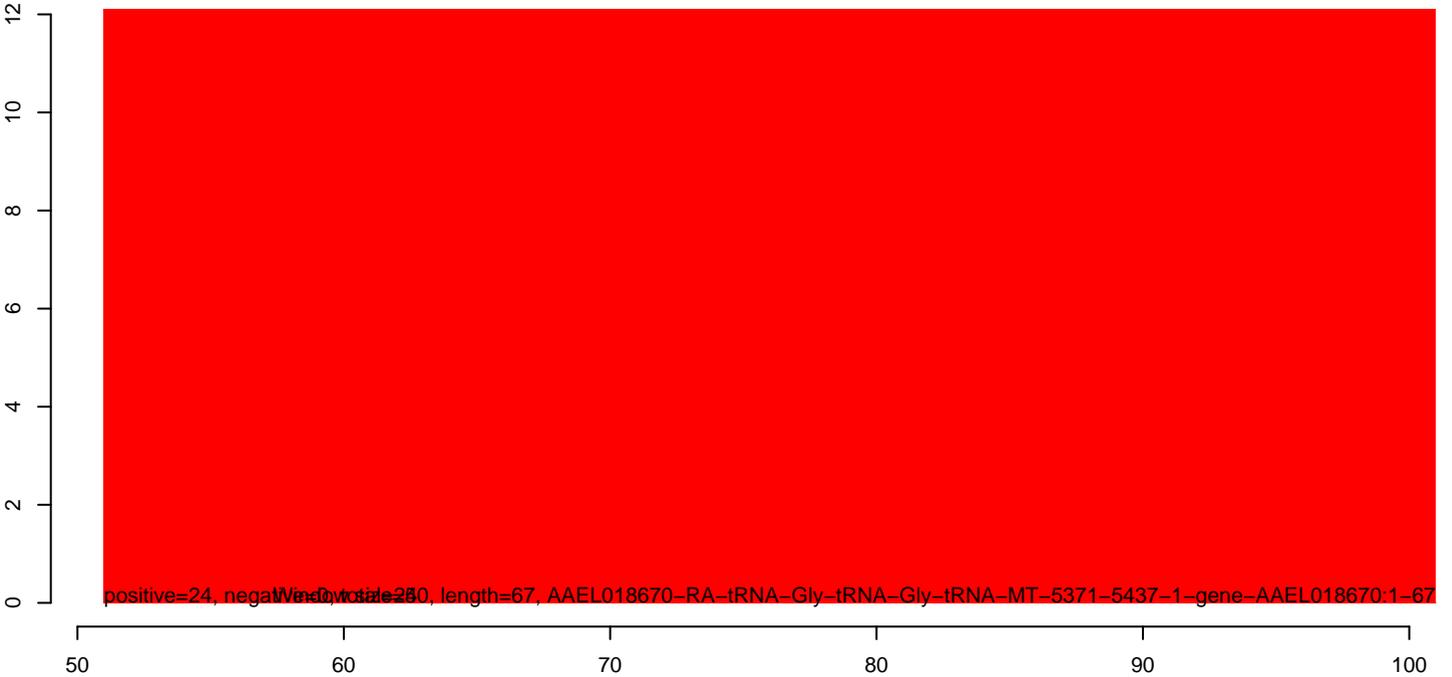
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AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep



AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep



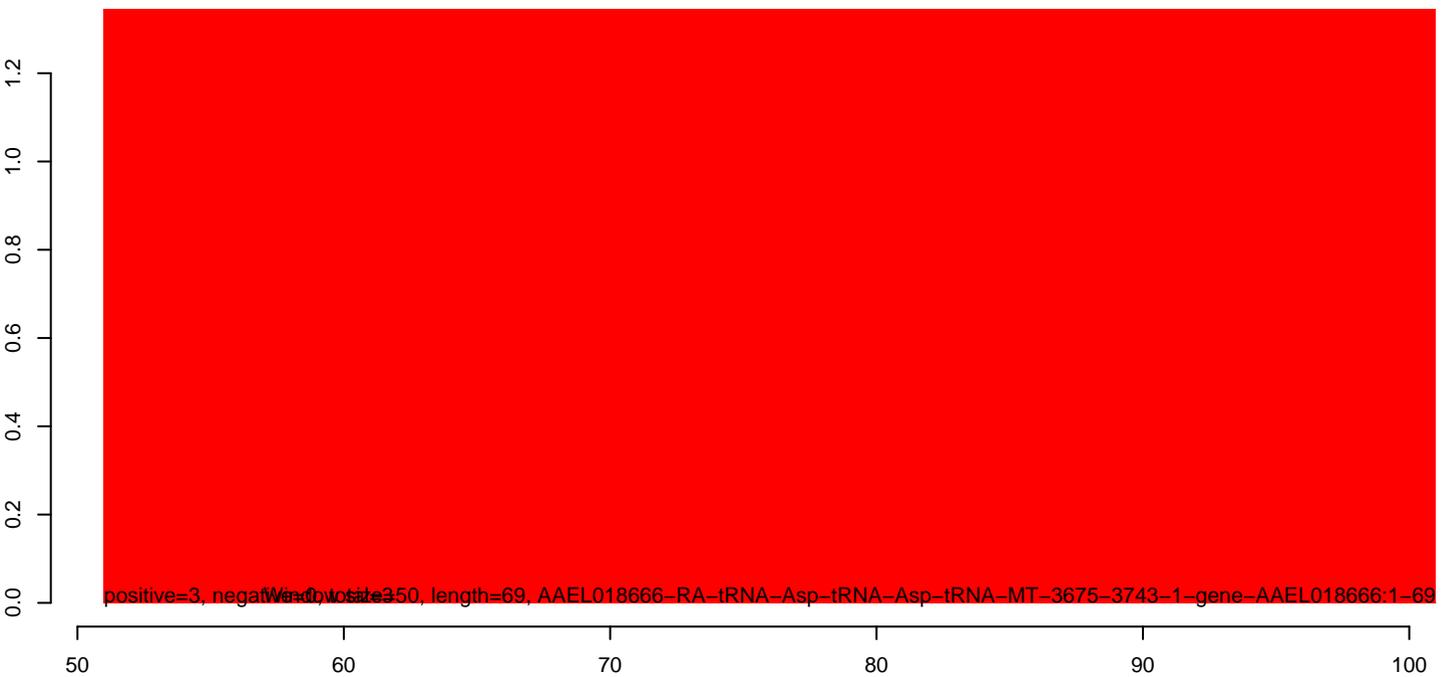
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AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep



AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep



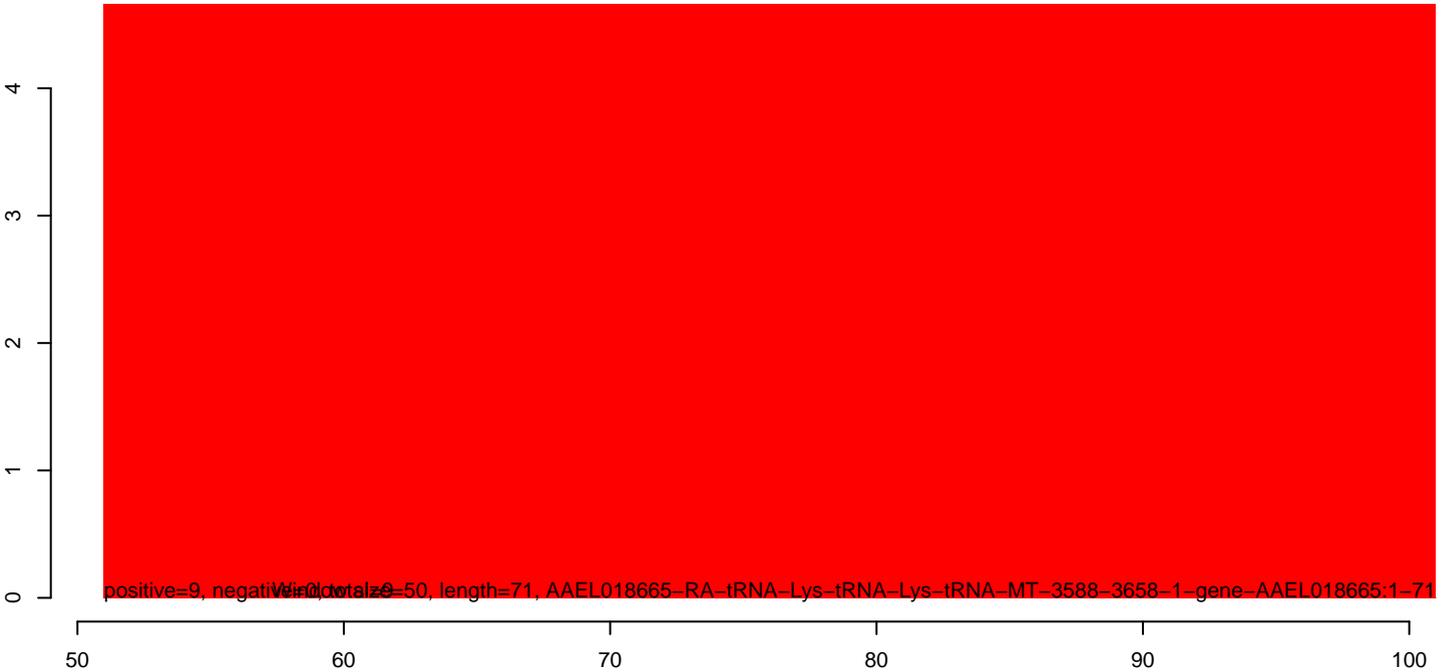
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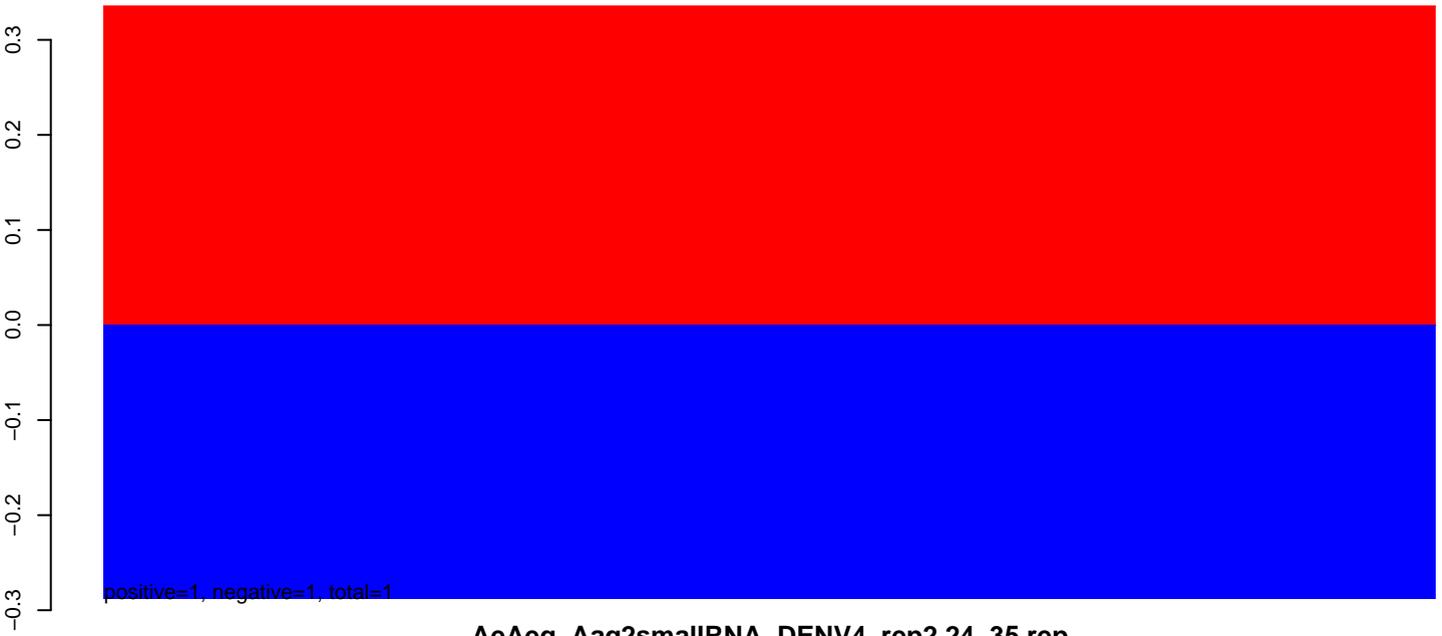
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



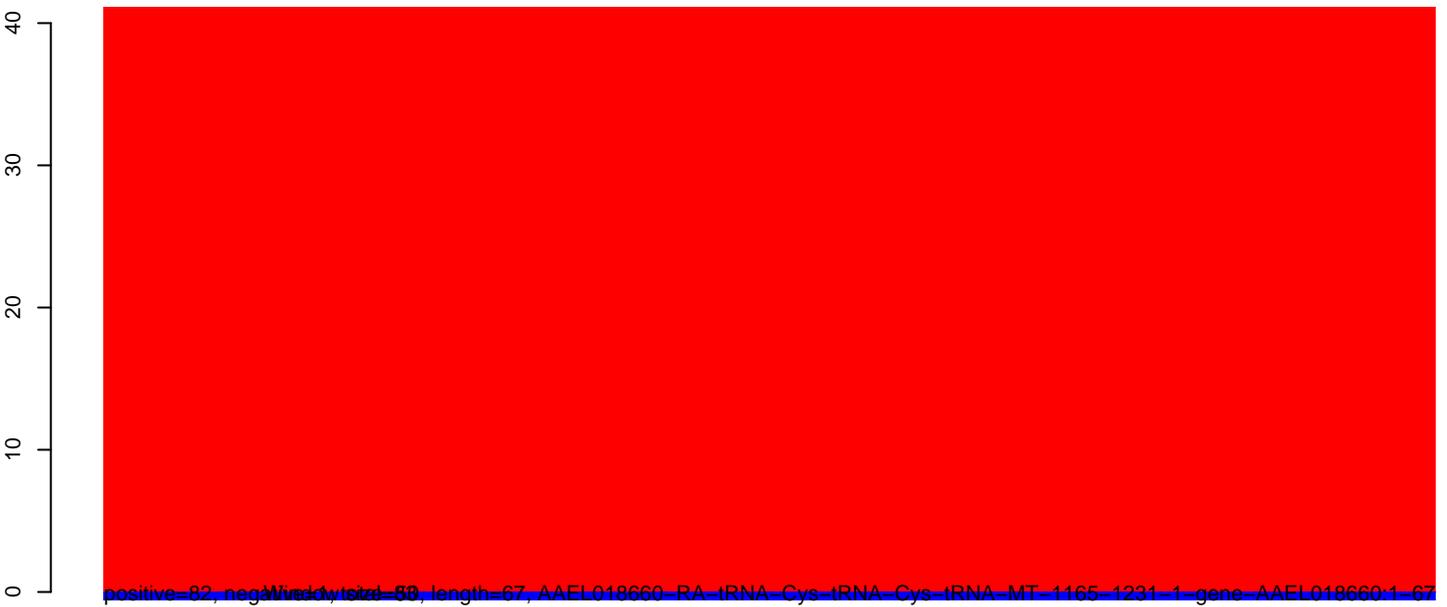
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AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep



AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep

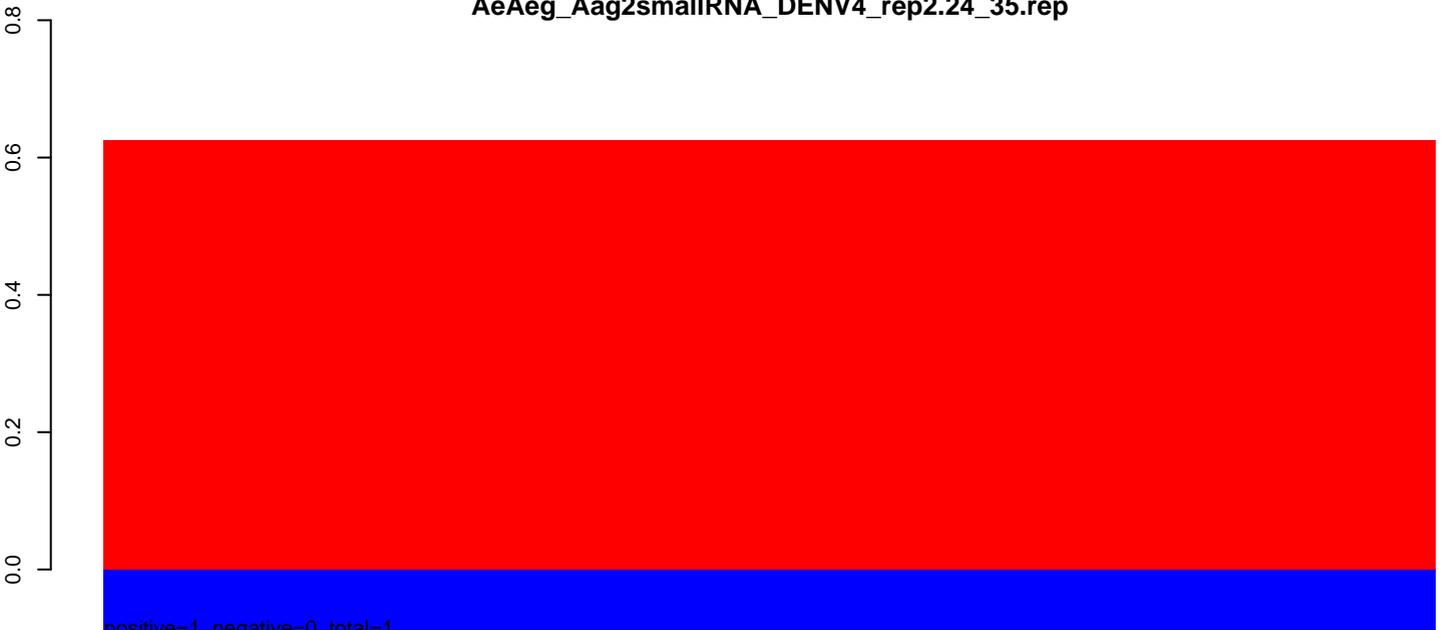


**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.18\_23.rep**



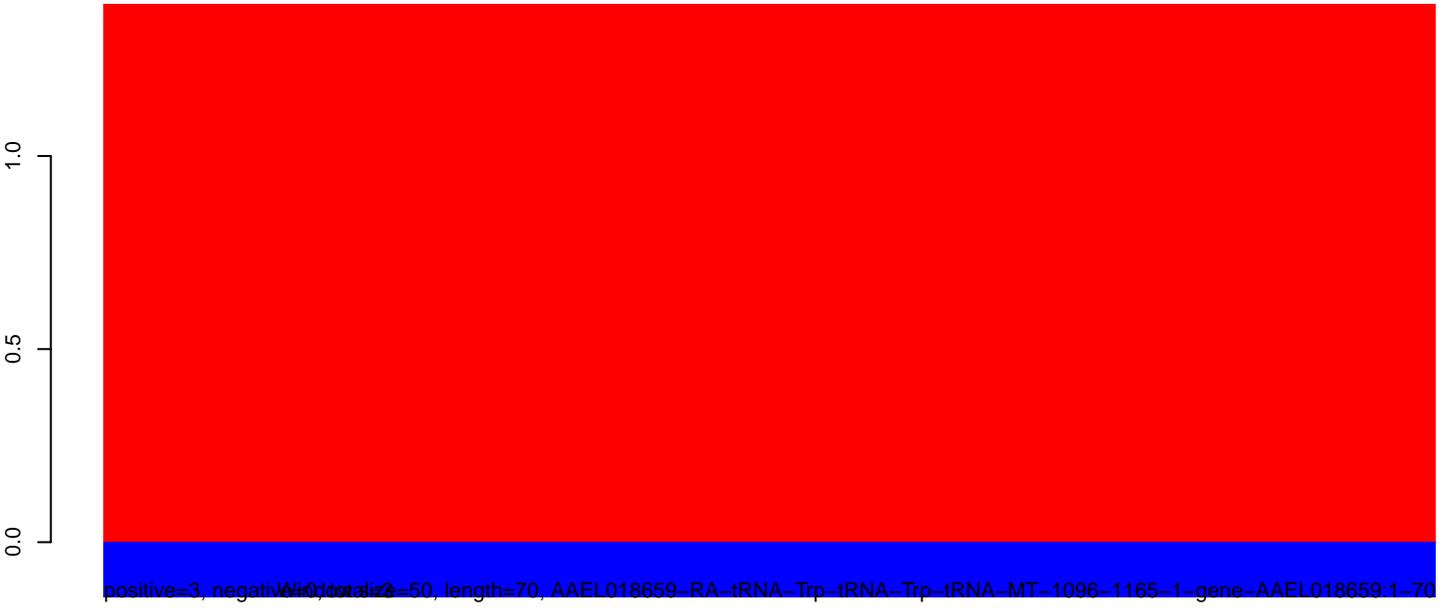
positive=2, negative=0, total=2

**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.24\_35.rep**



positive=1, negative=0, total=1

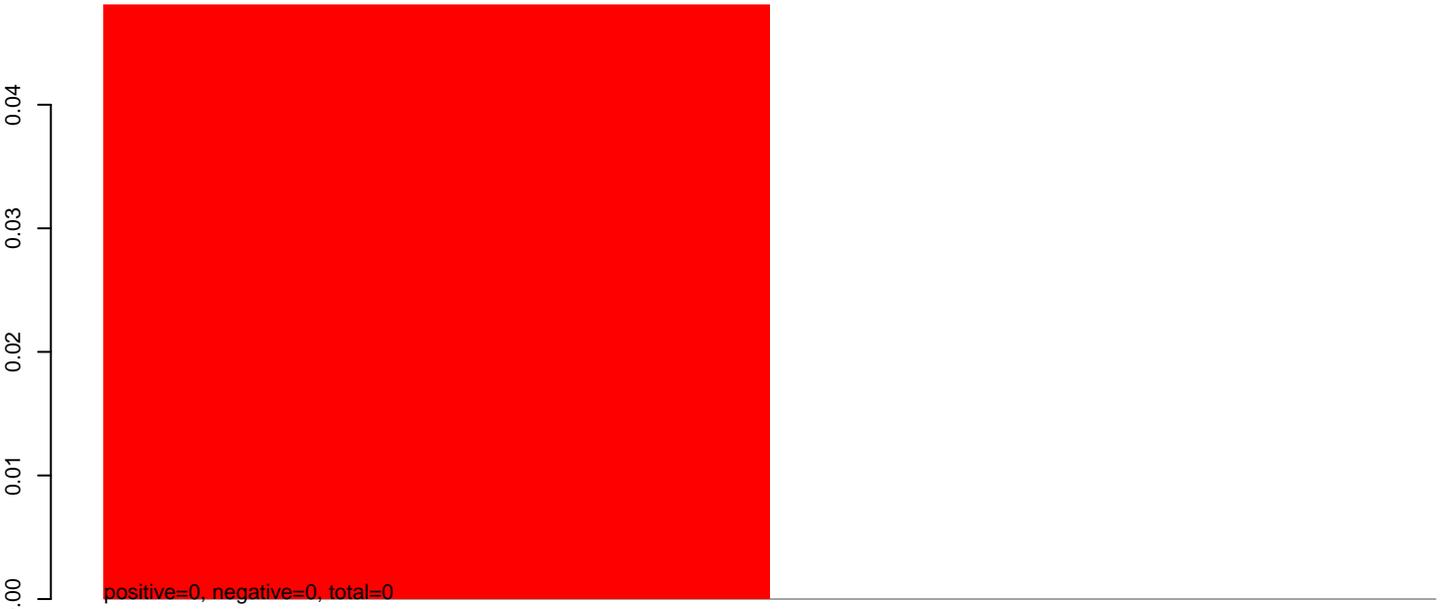
**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



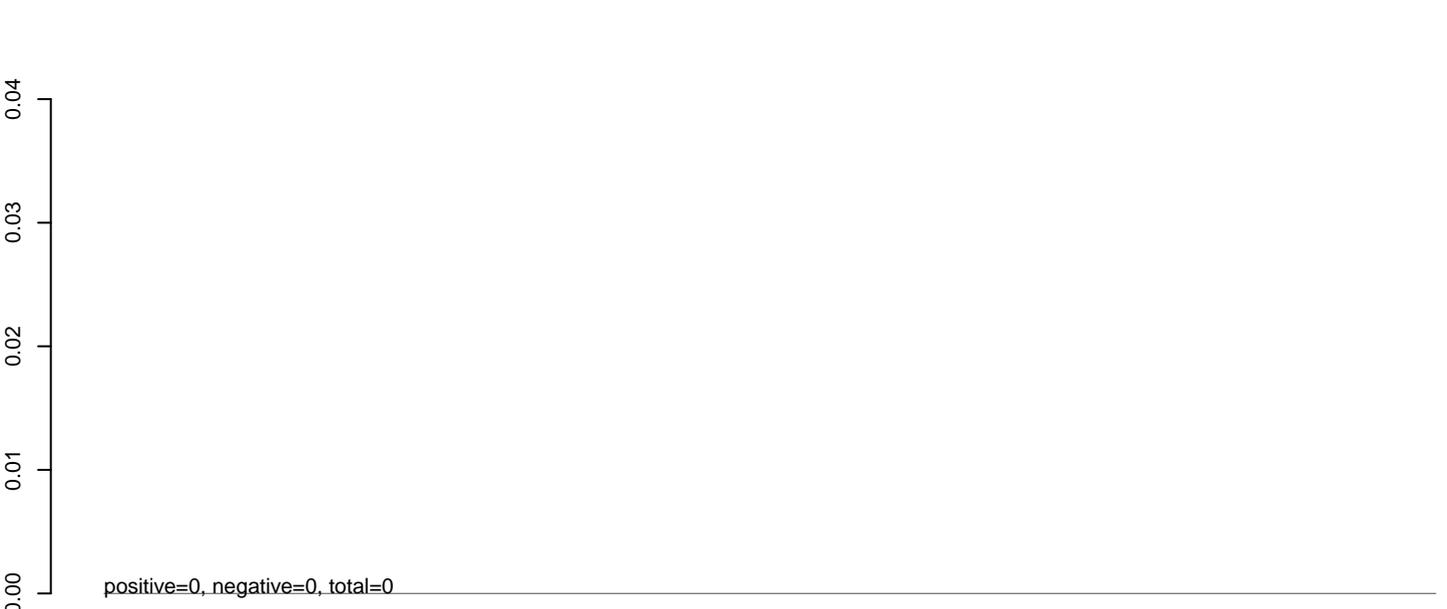
positive=3, negative=0, total=3, length=70, AAEL018659-RA-tRNA-Trp-tRNA-Trp-tRNA-MT-1096-1165-1-gene-AAEL018659-1-70

50 60 70 80 90 100

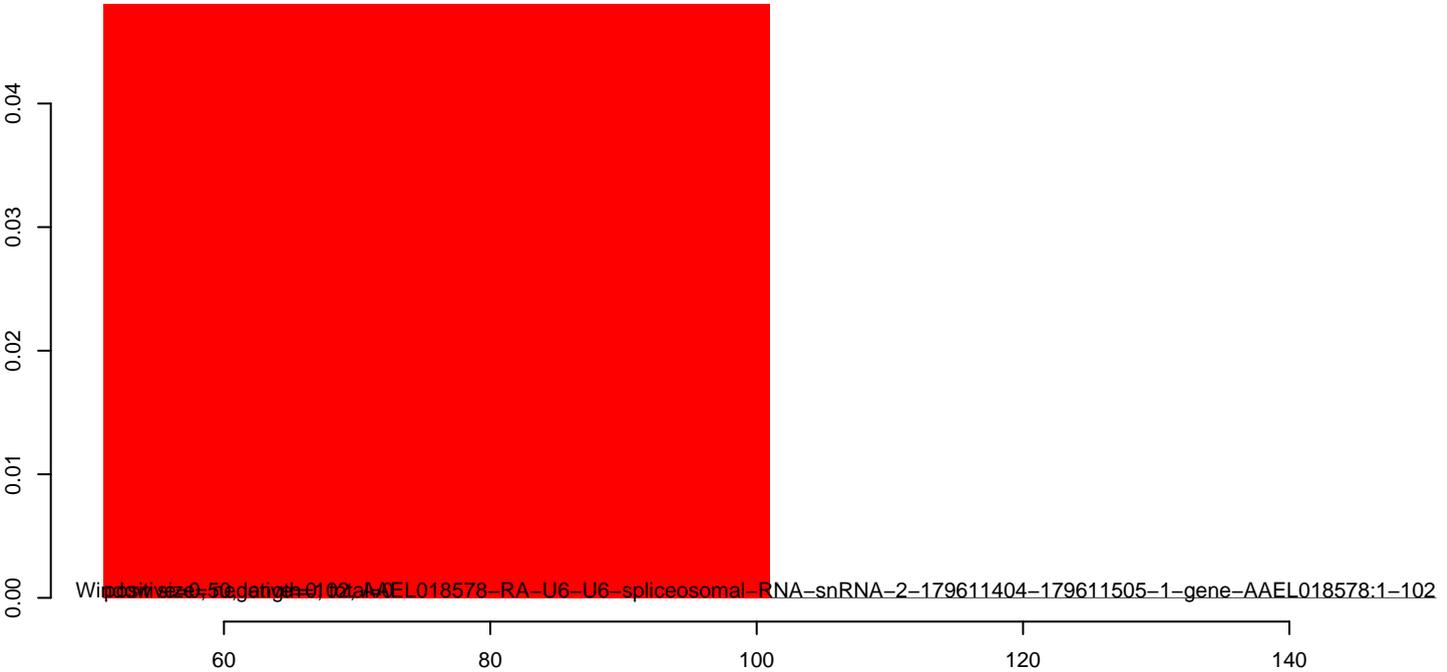
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep**



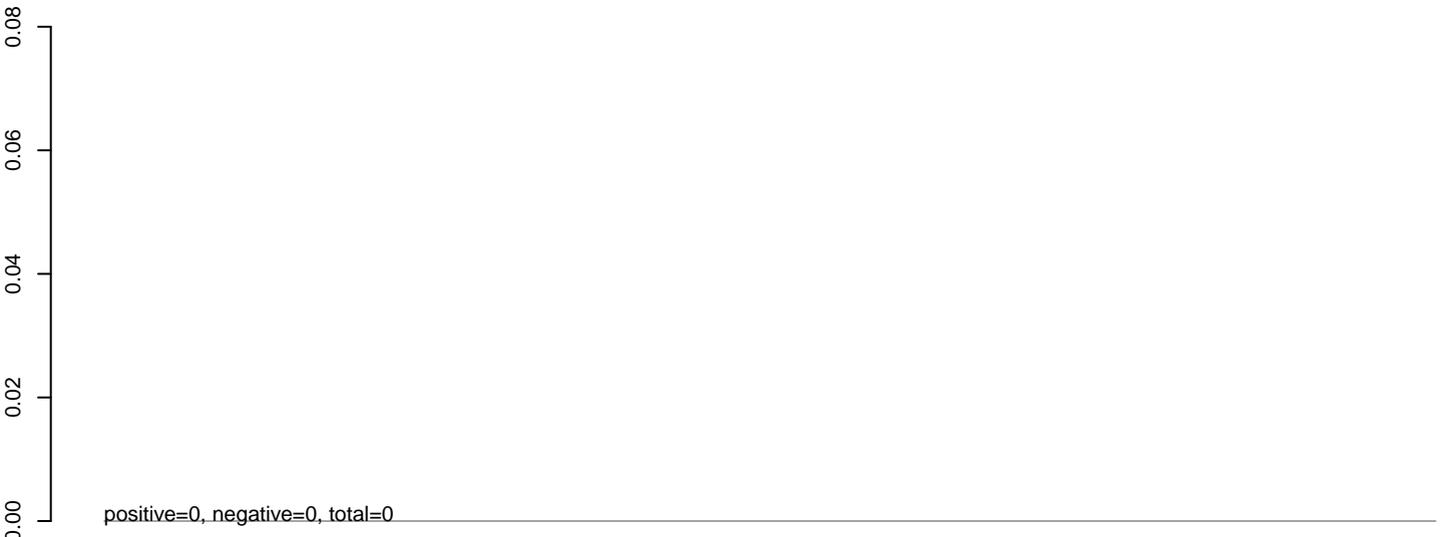
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep**



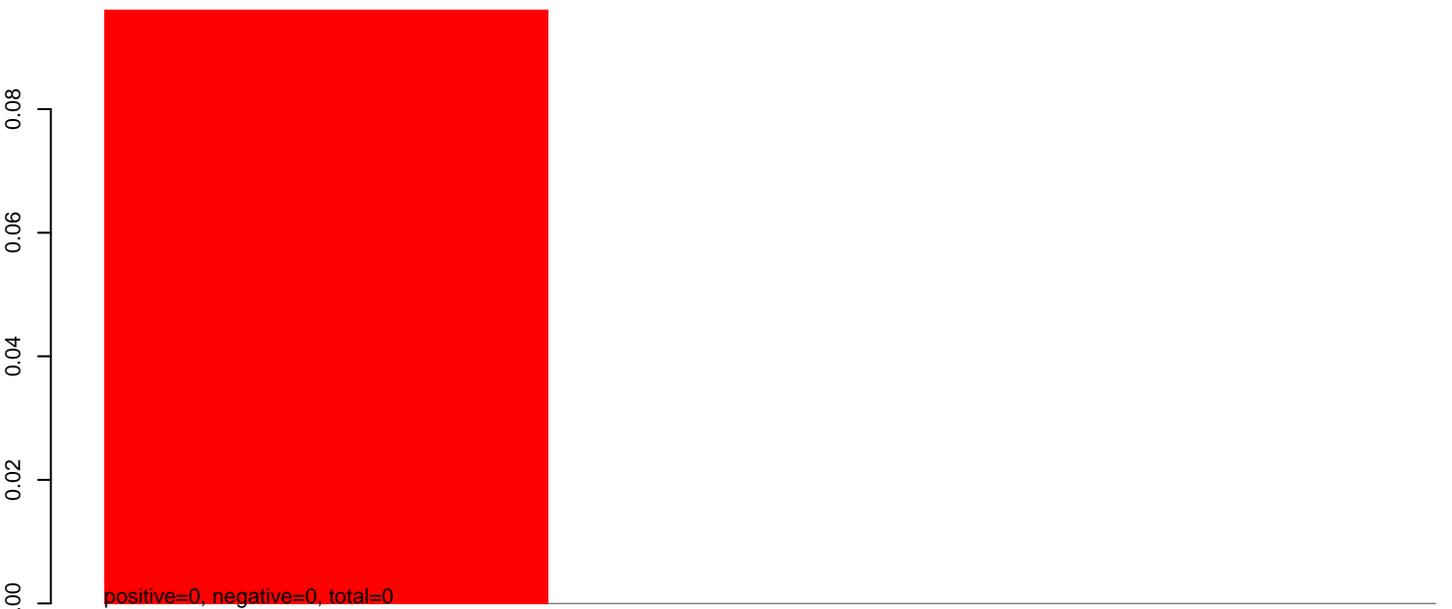
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



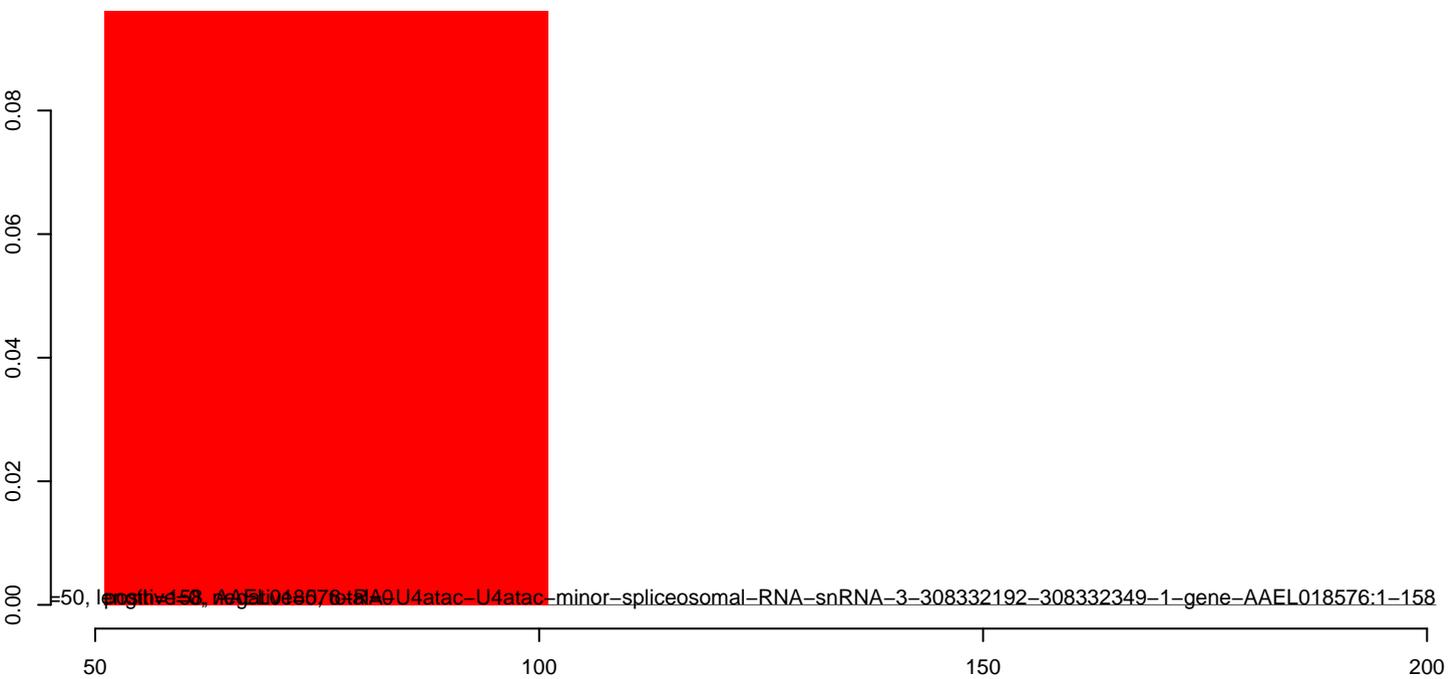
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AeAeg\_Aag2smallRNA\_DENV4\_rep2.24\_35.rep



AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep



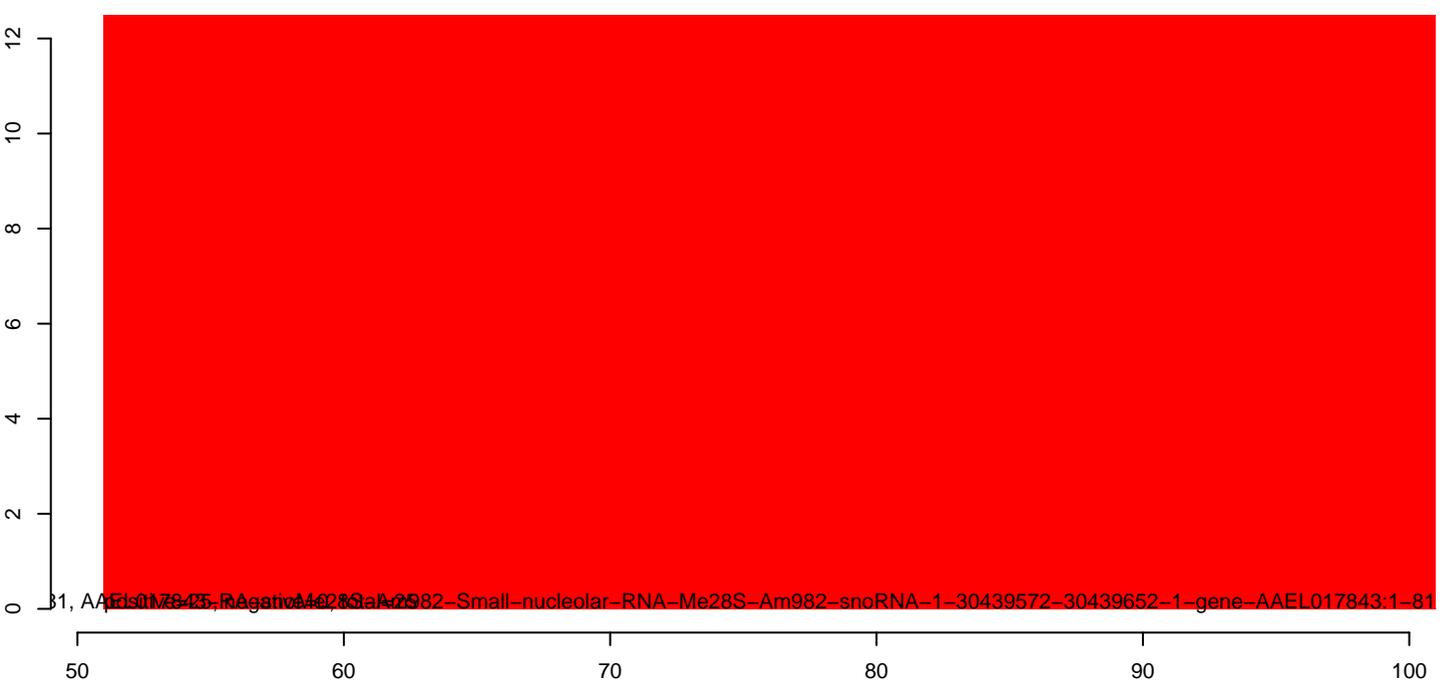
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep**



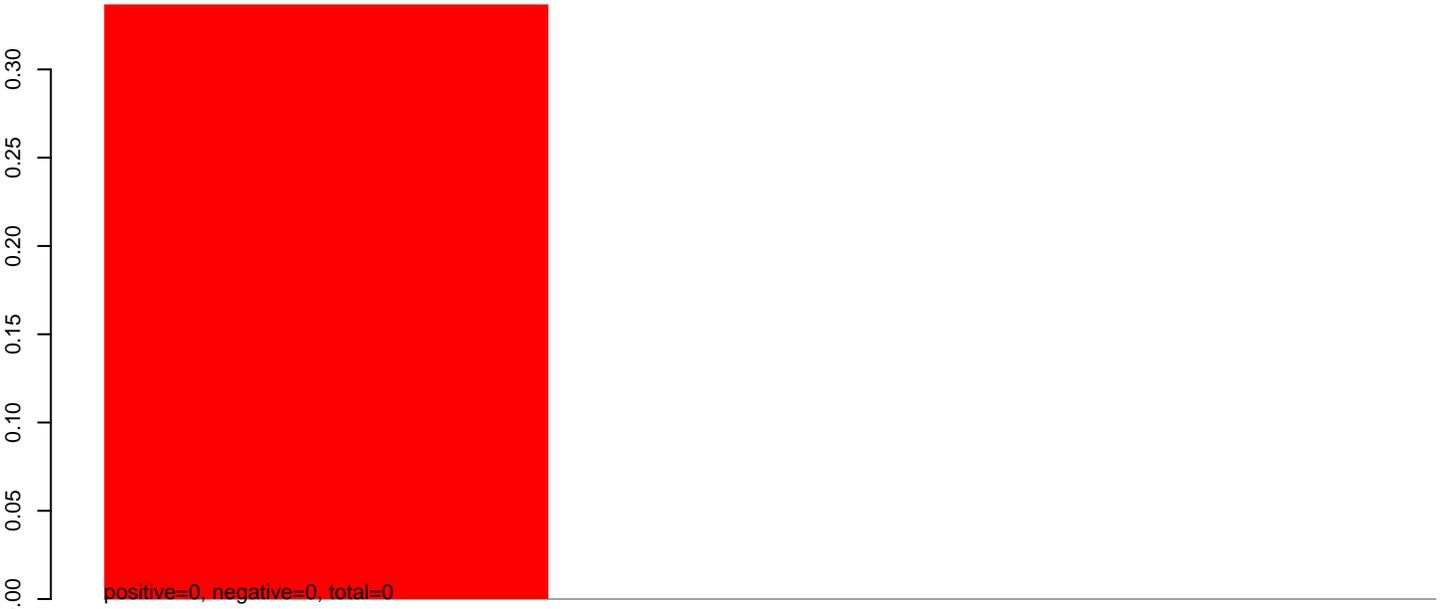
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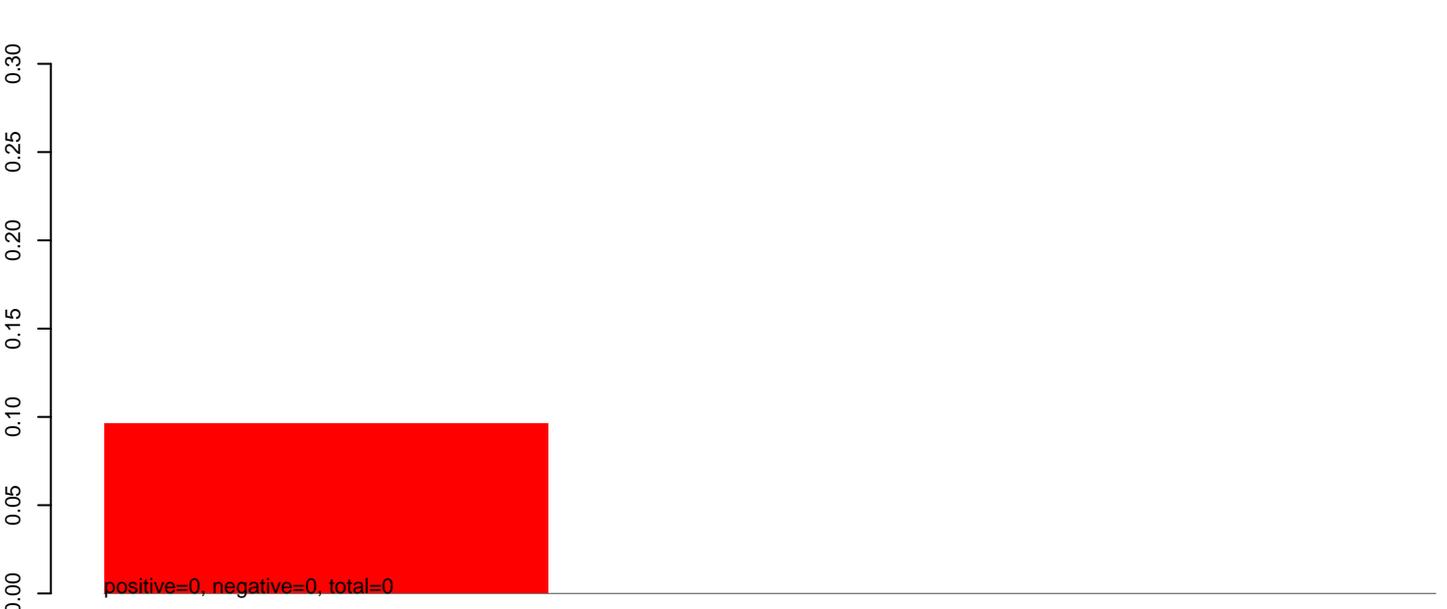
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



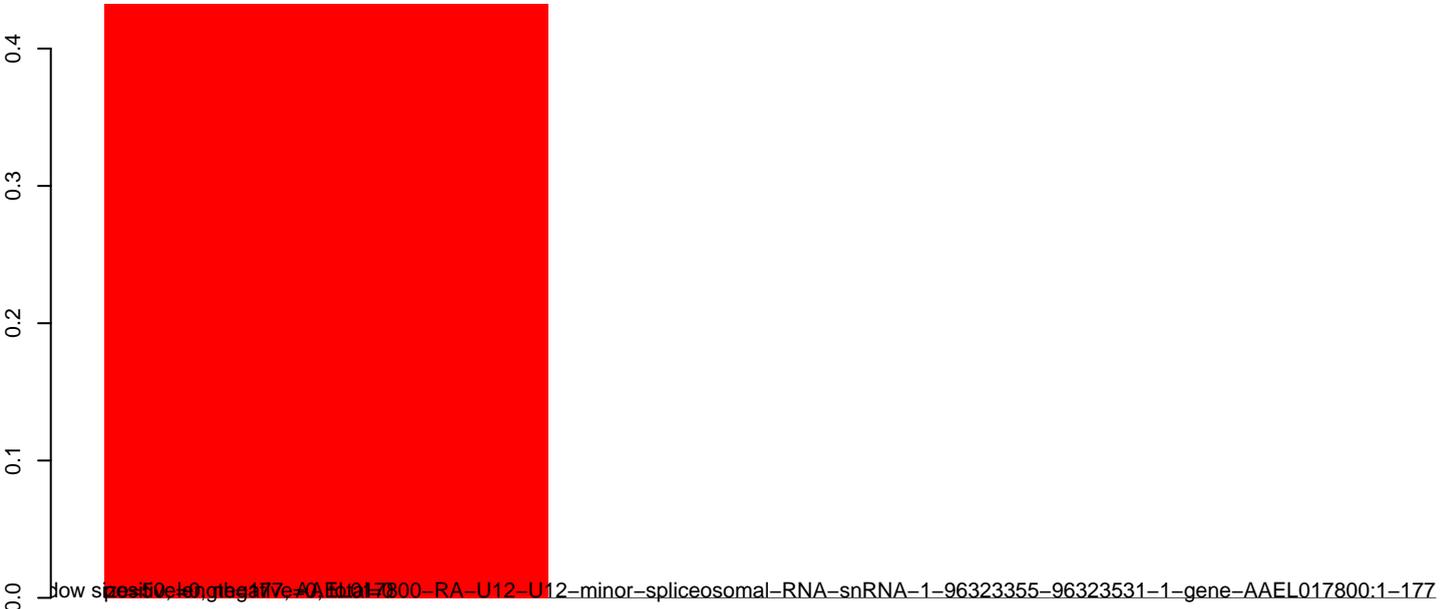
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep**



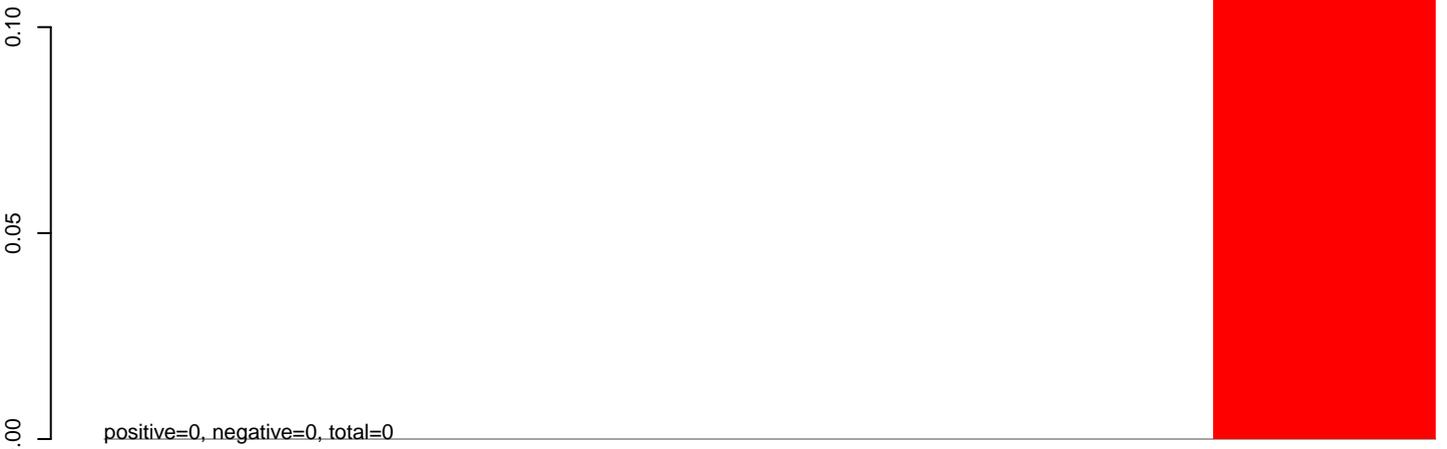
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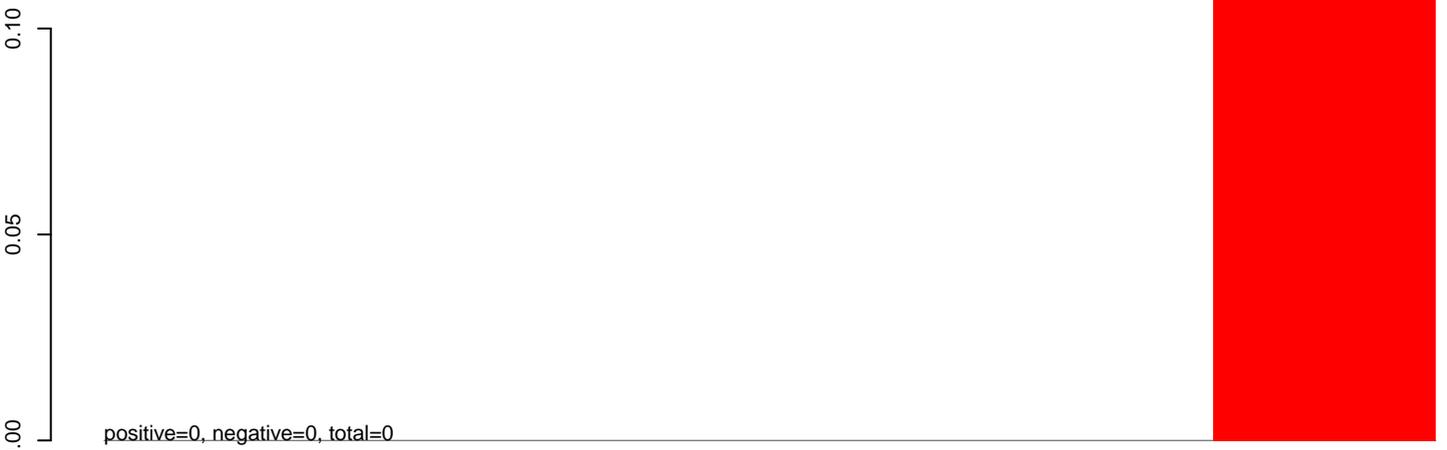
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



**AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep**



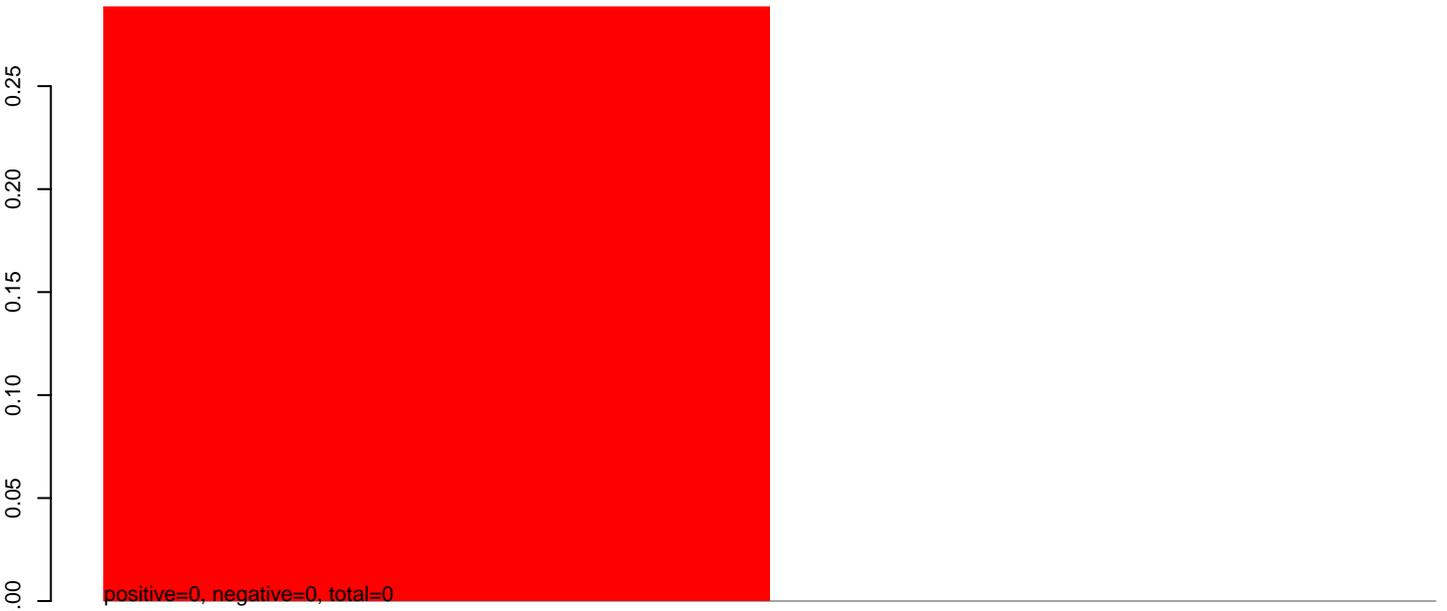
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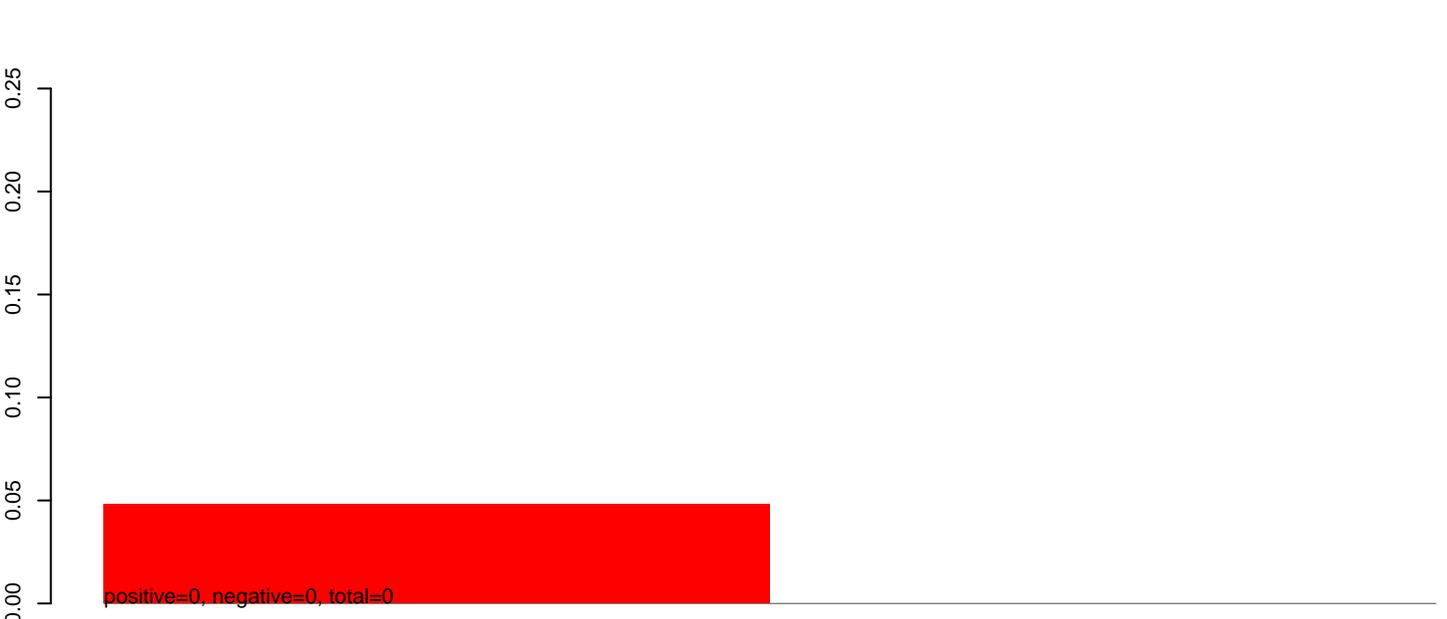
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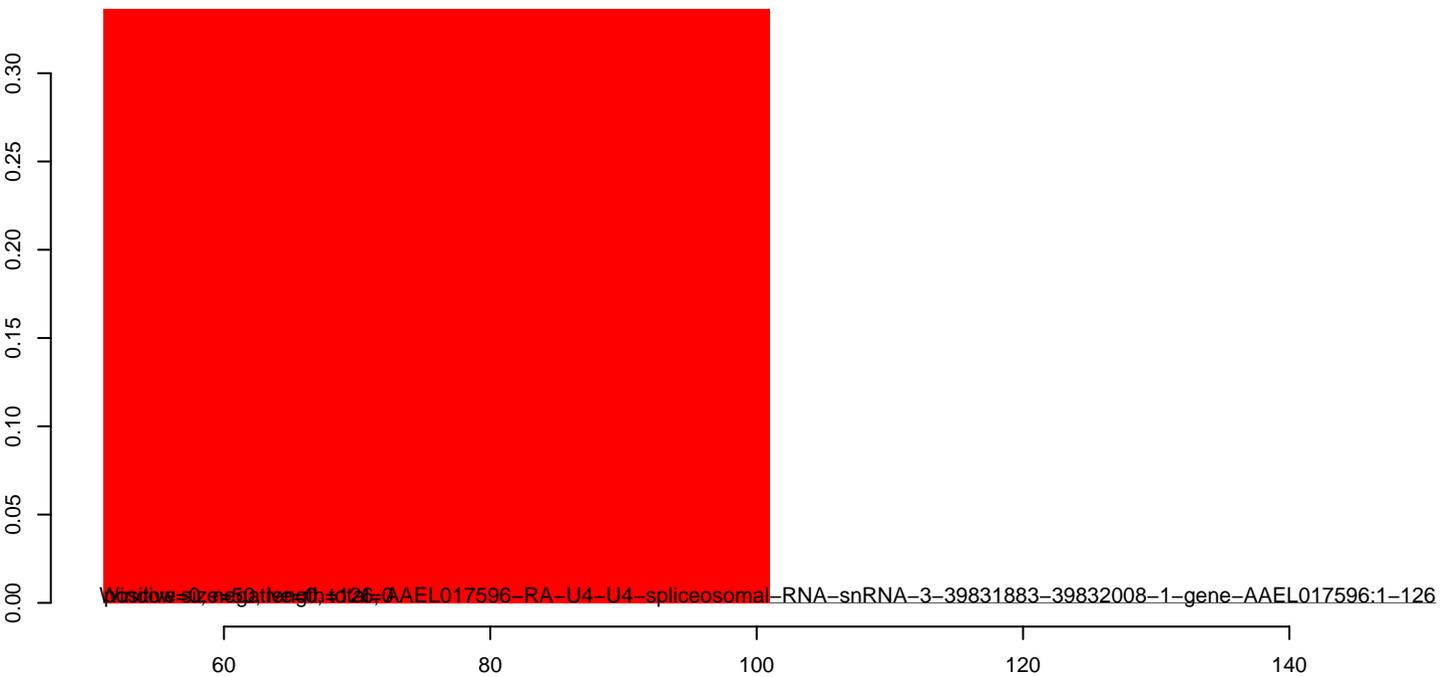
**AeAeg\_Aag2smallRNA\_DENV4\_rep2.18\_23.rep**



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**AeAeg\_Aag2smallRNA\_DENV4\_rep2.rep**



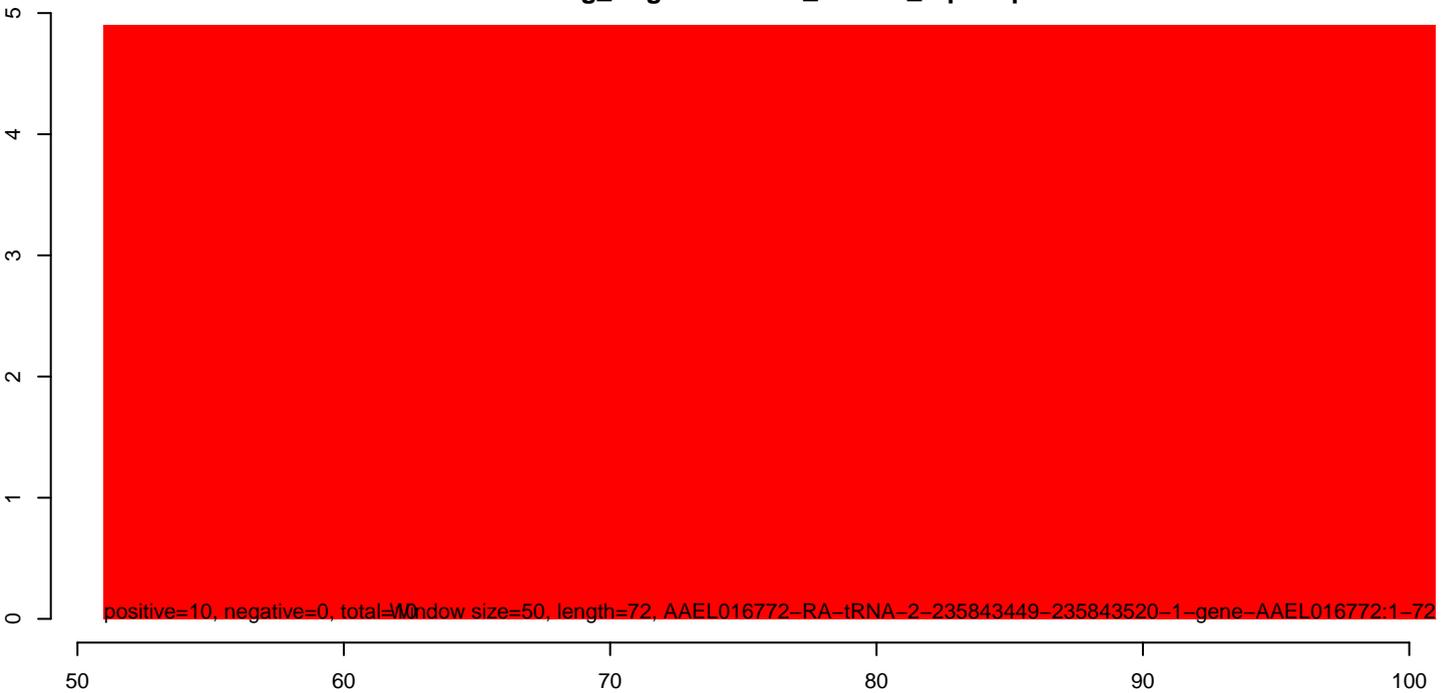
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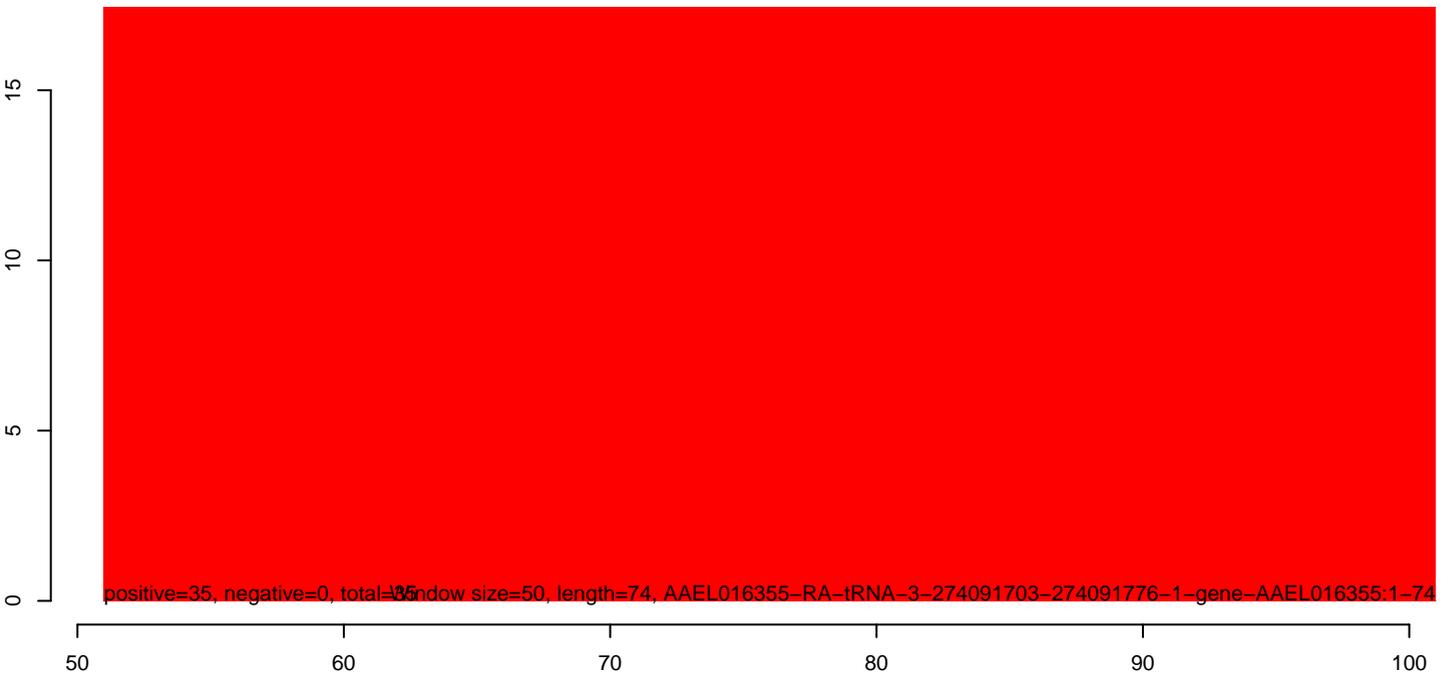
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



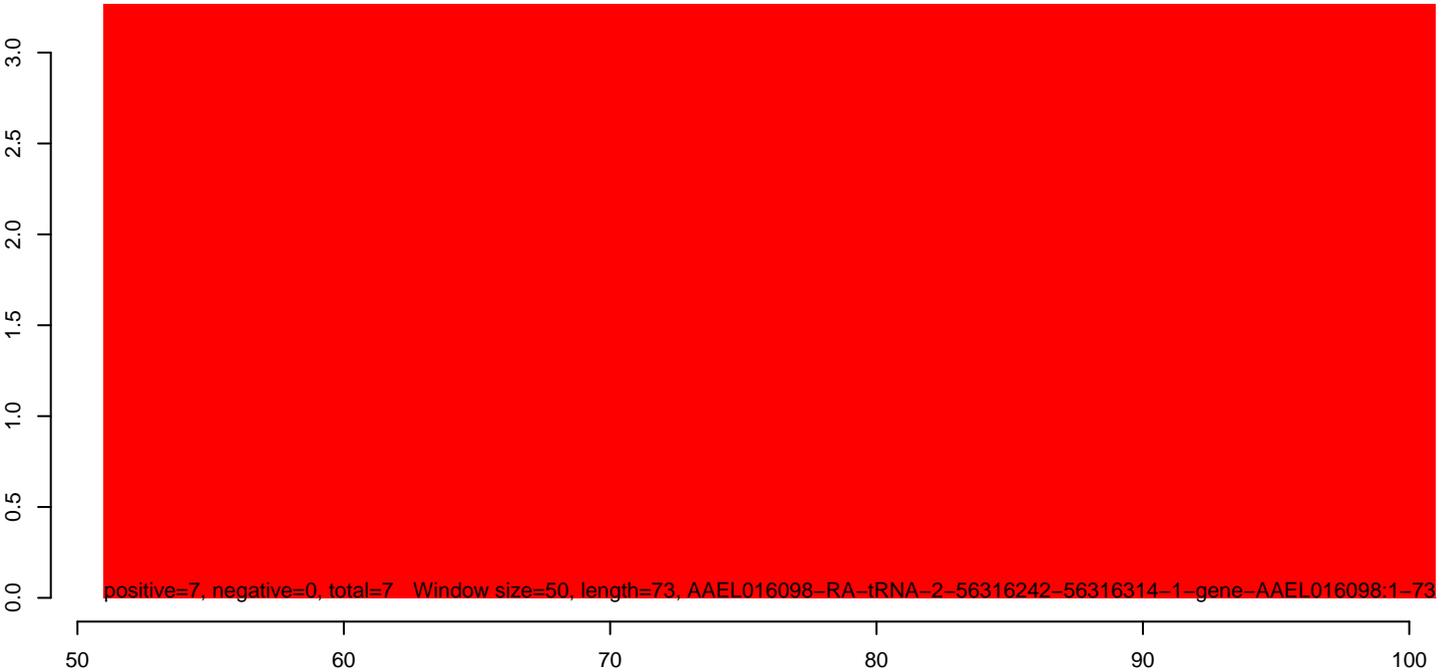
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**



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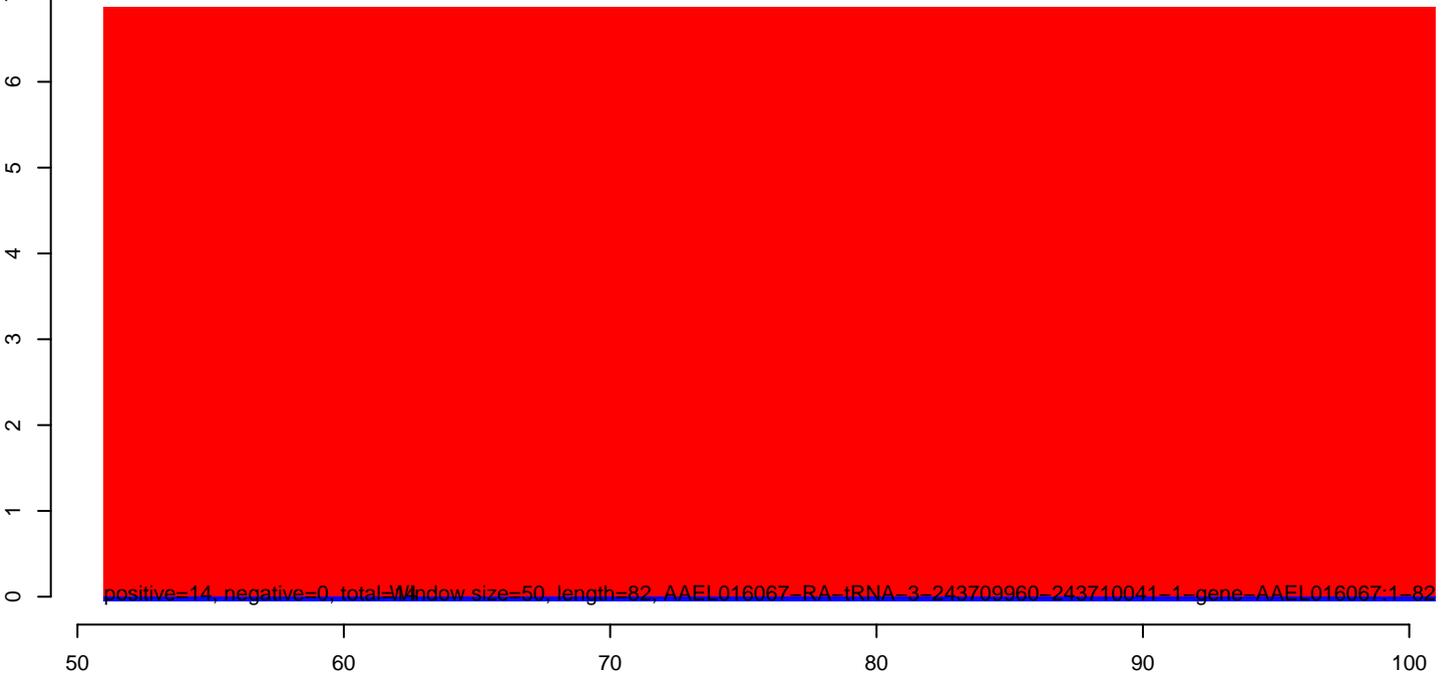
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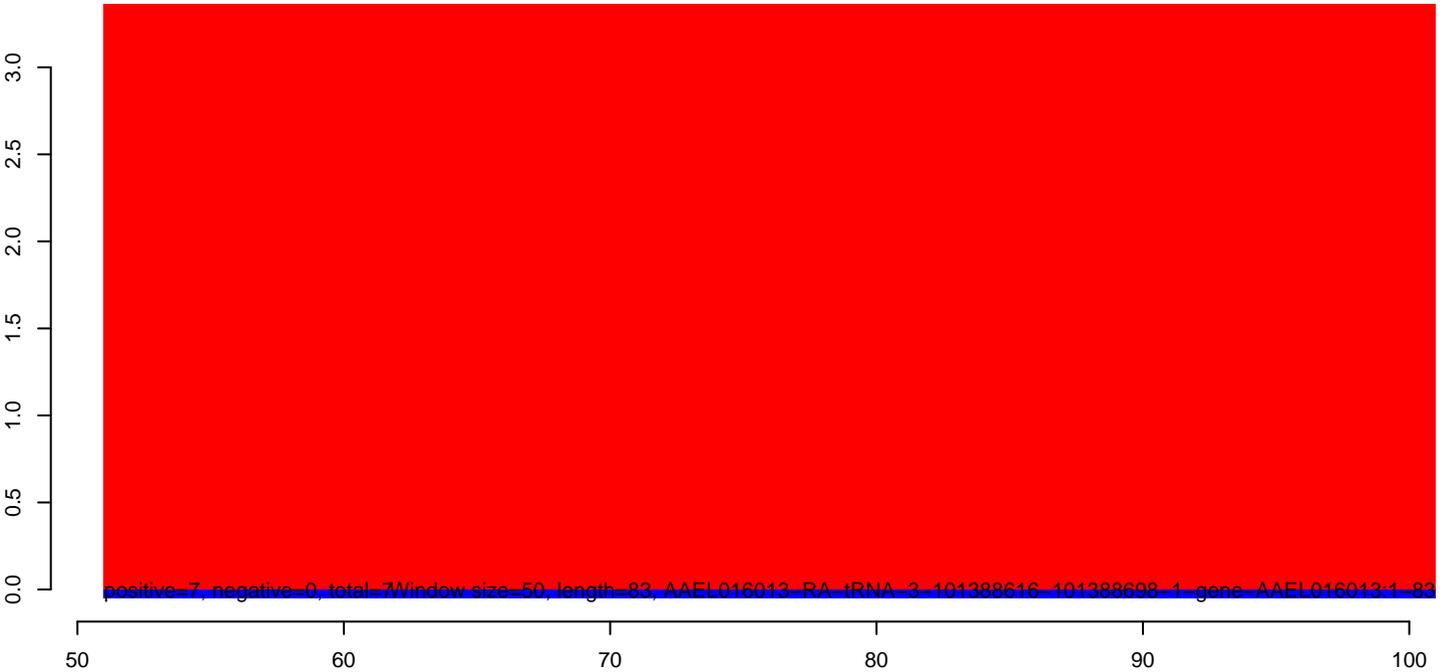
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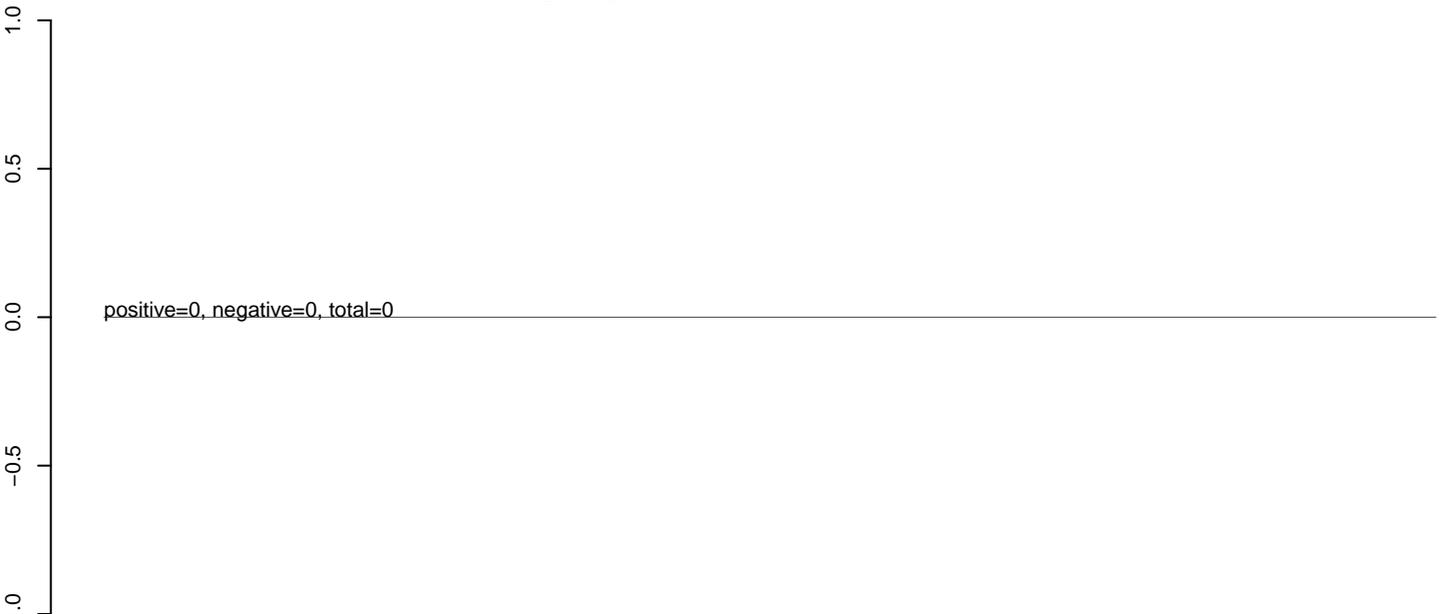
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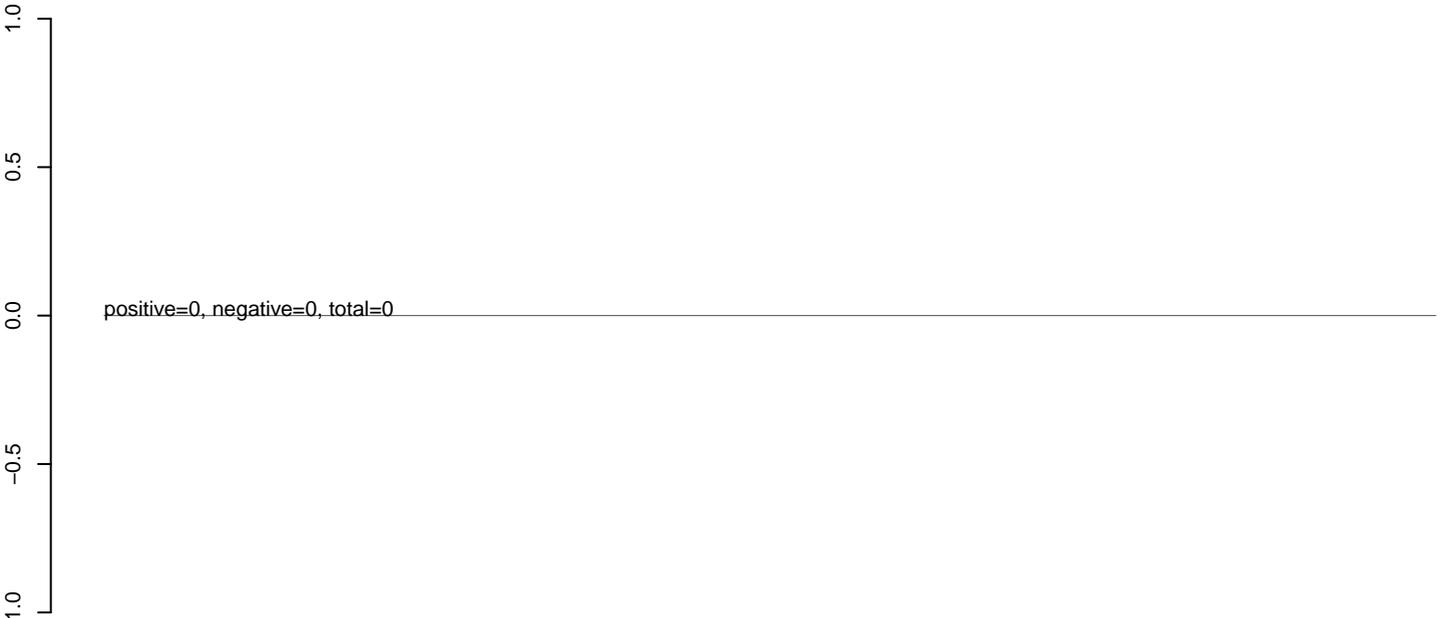
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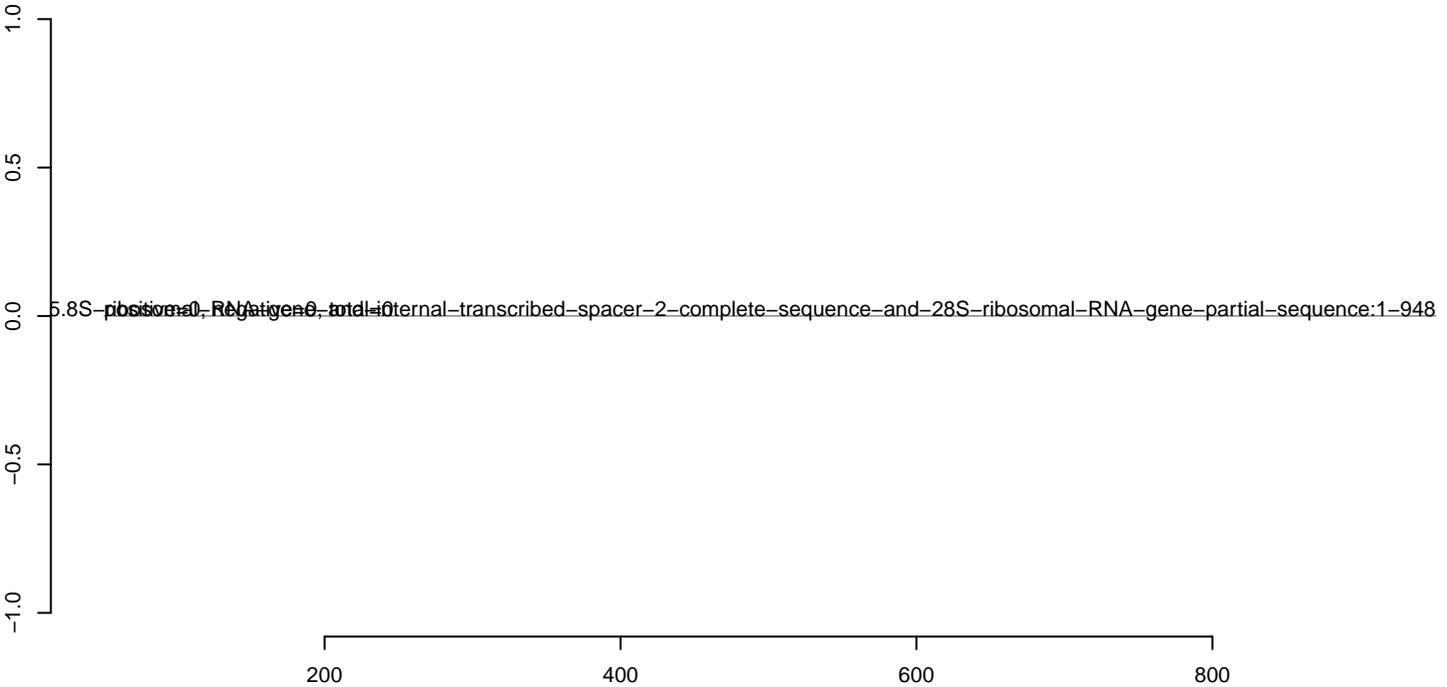
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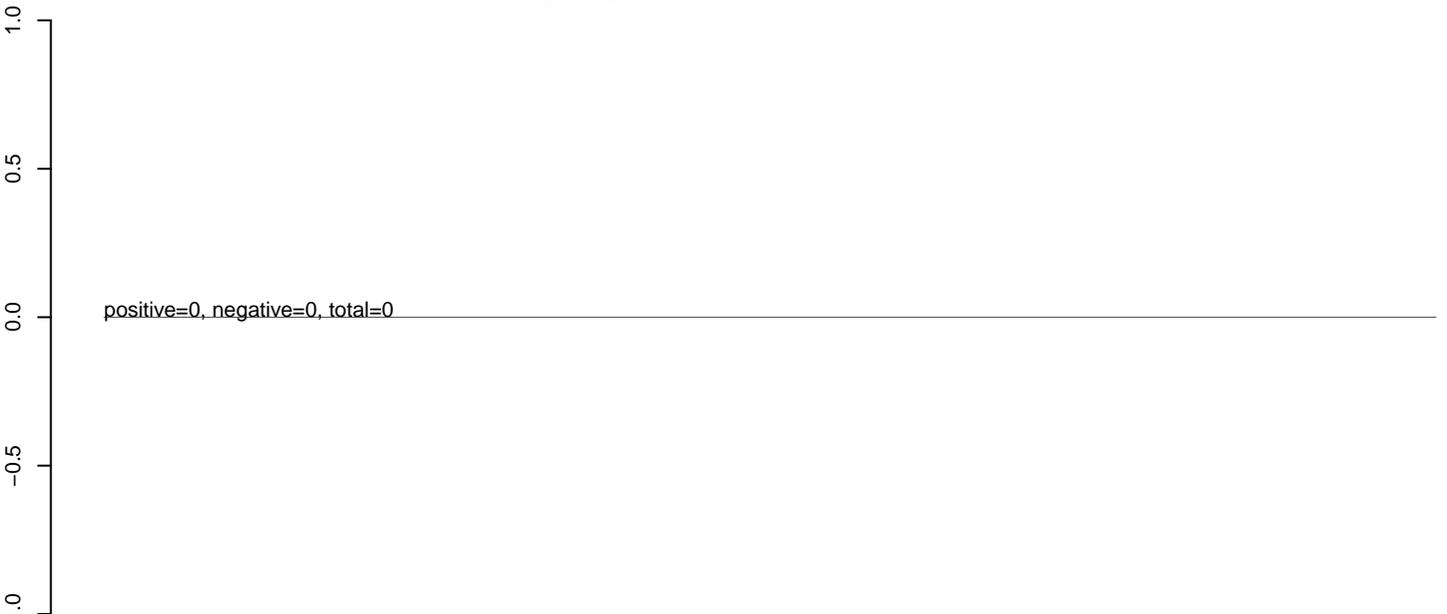
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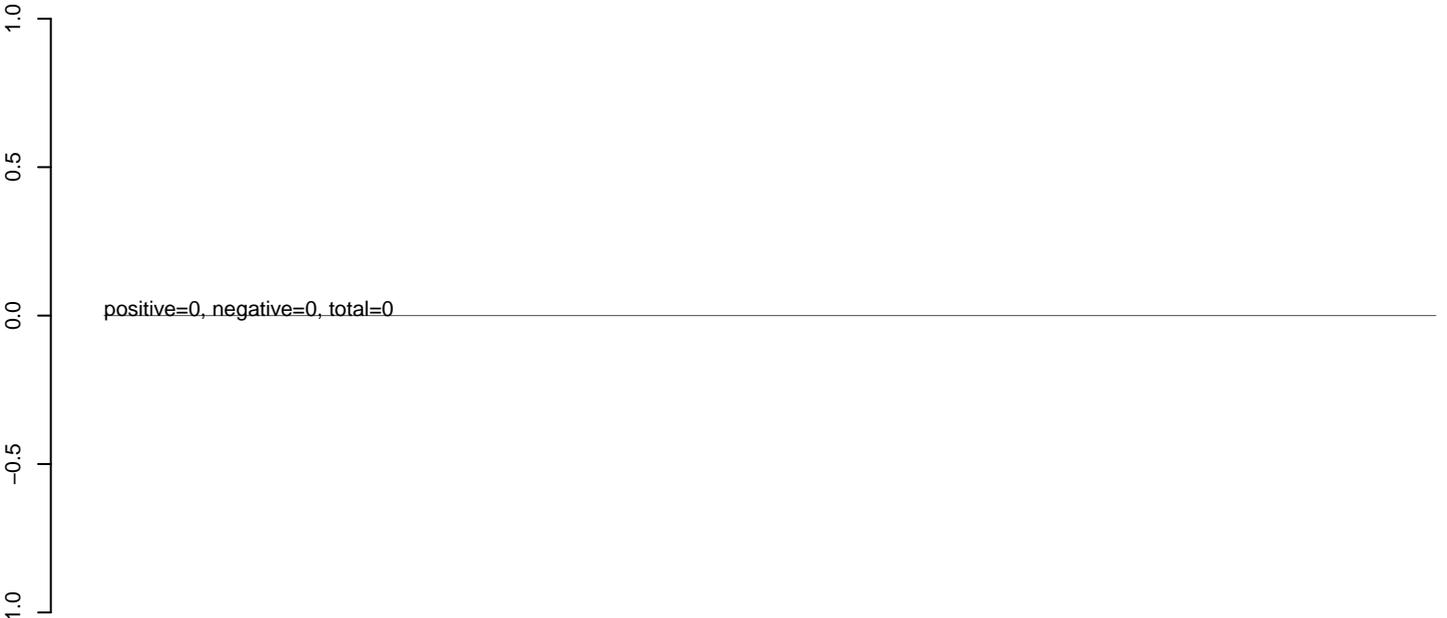
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**AeAeg\_Aag2smallIRNA\_DENV4\_rep2.rep**

