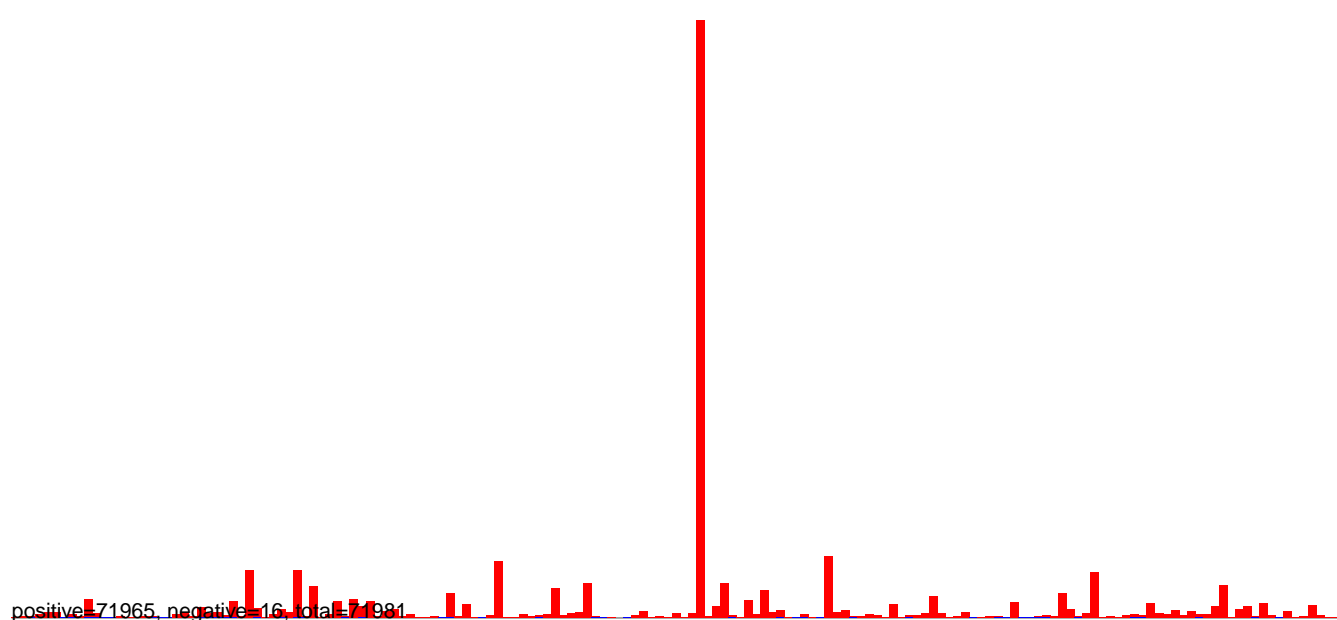


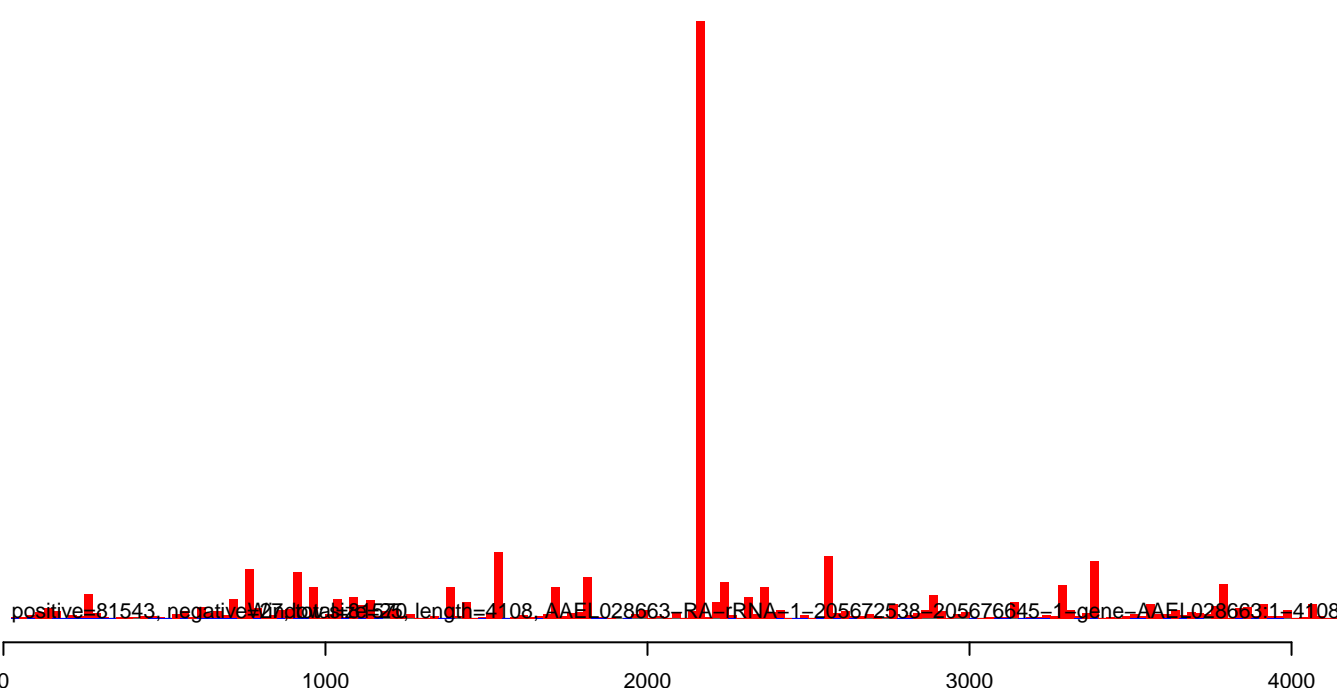
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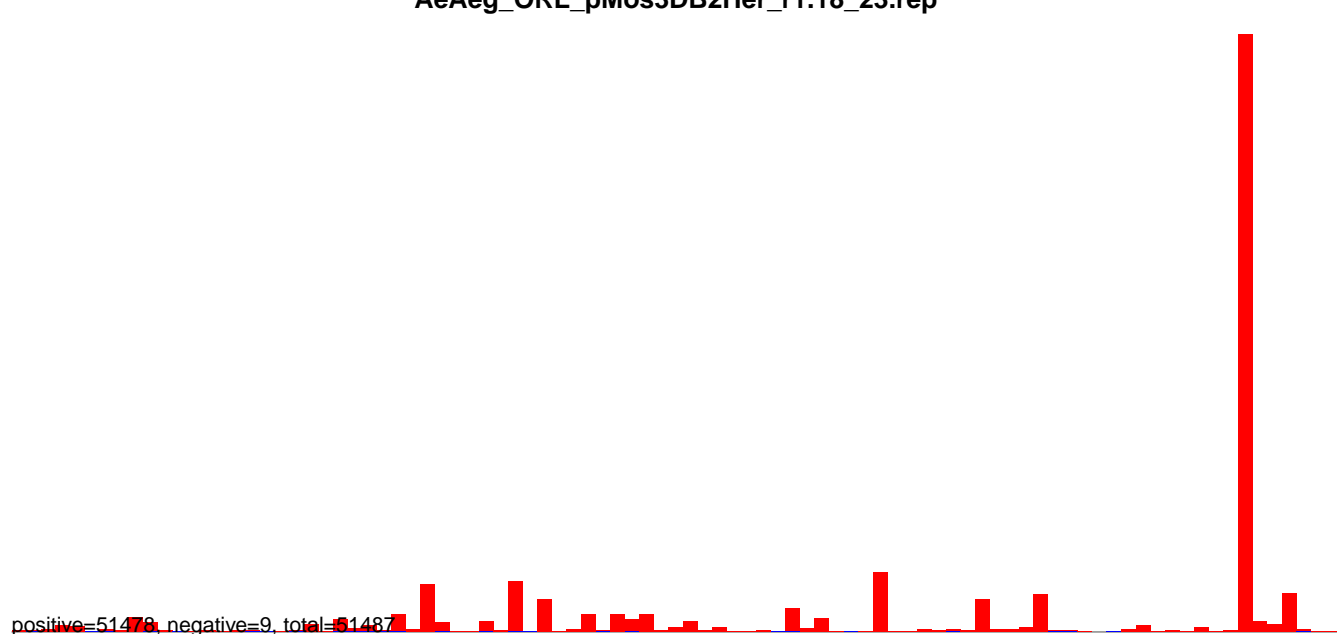
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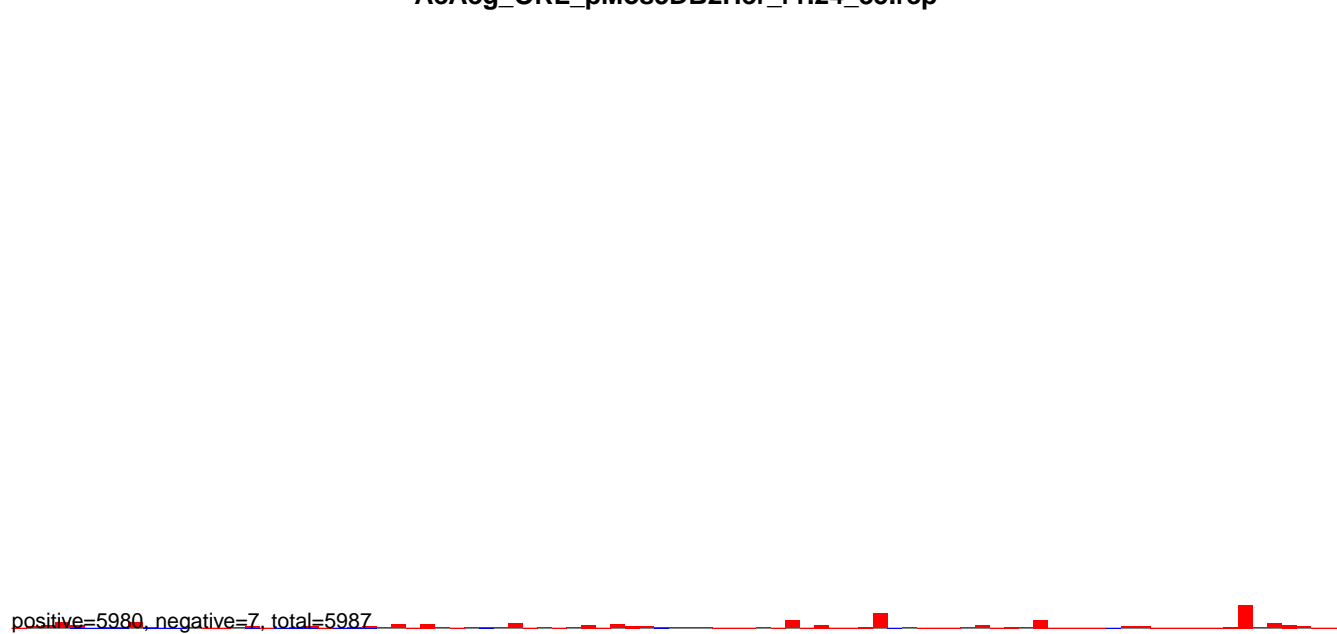
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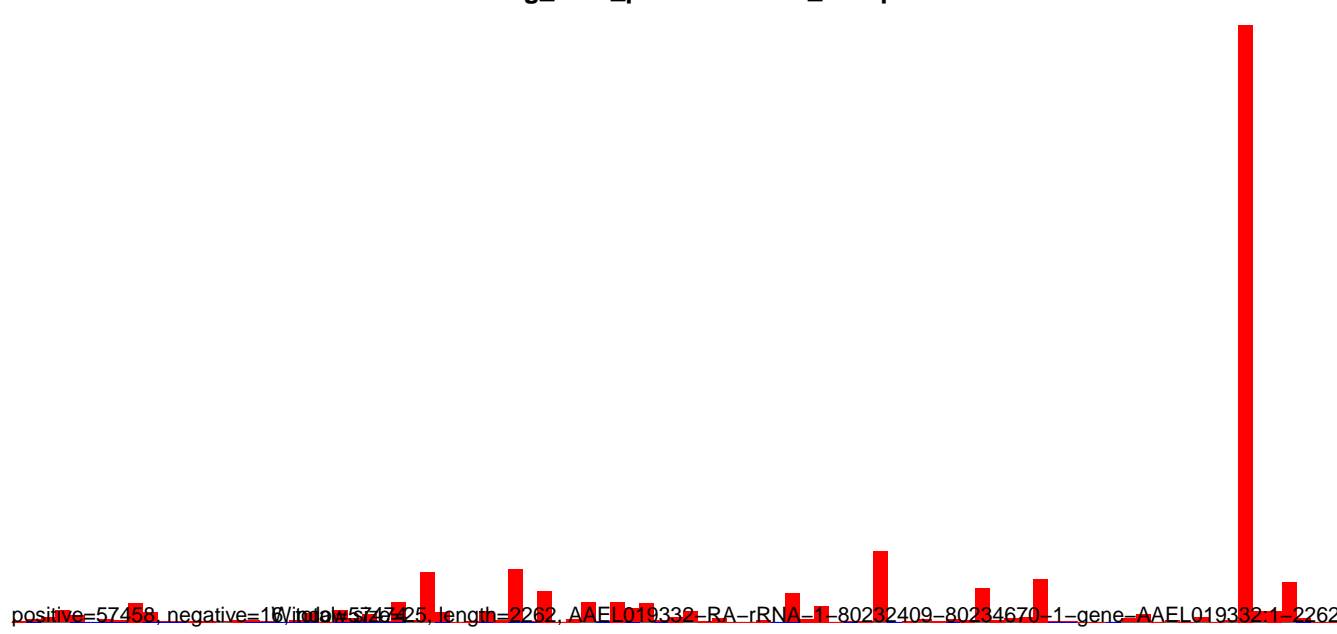
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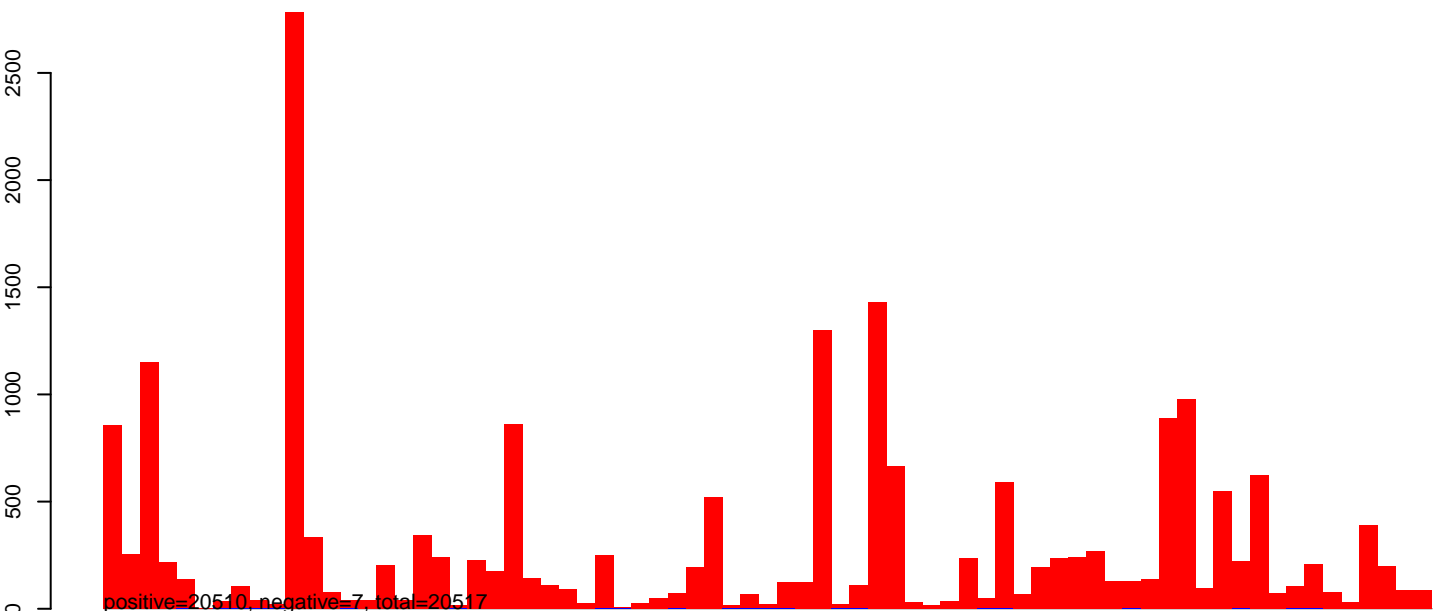
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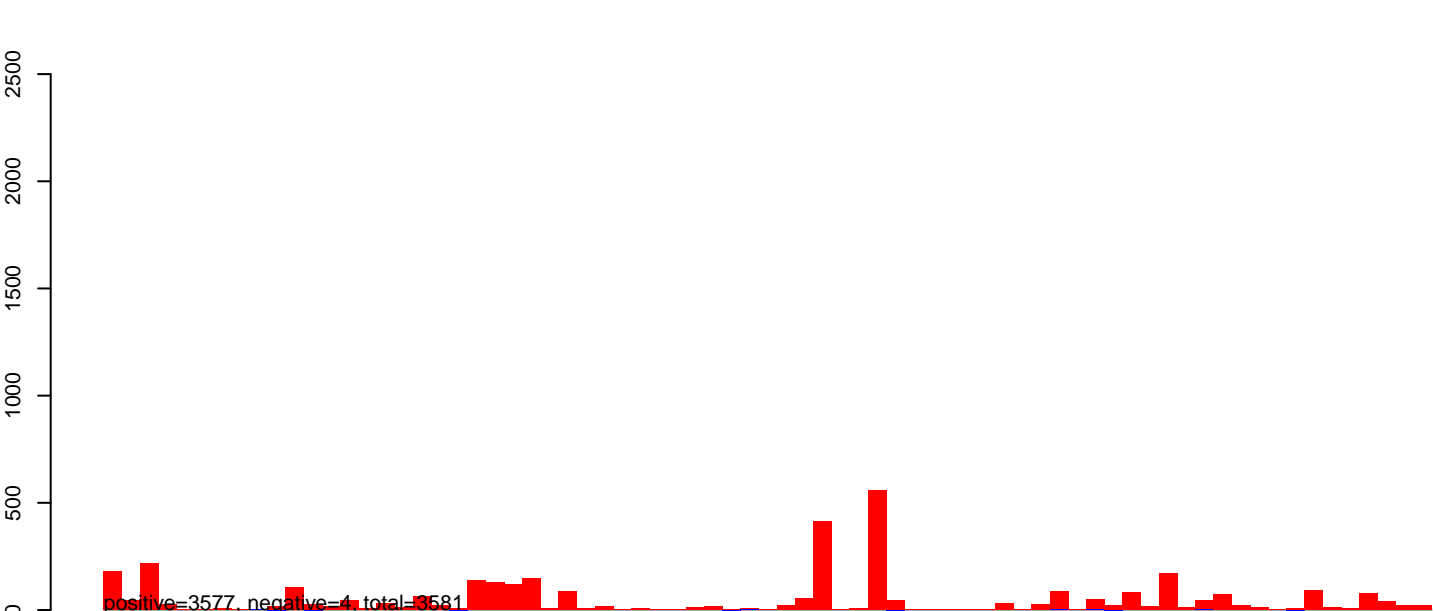
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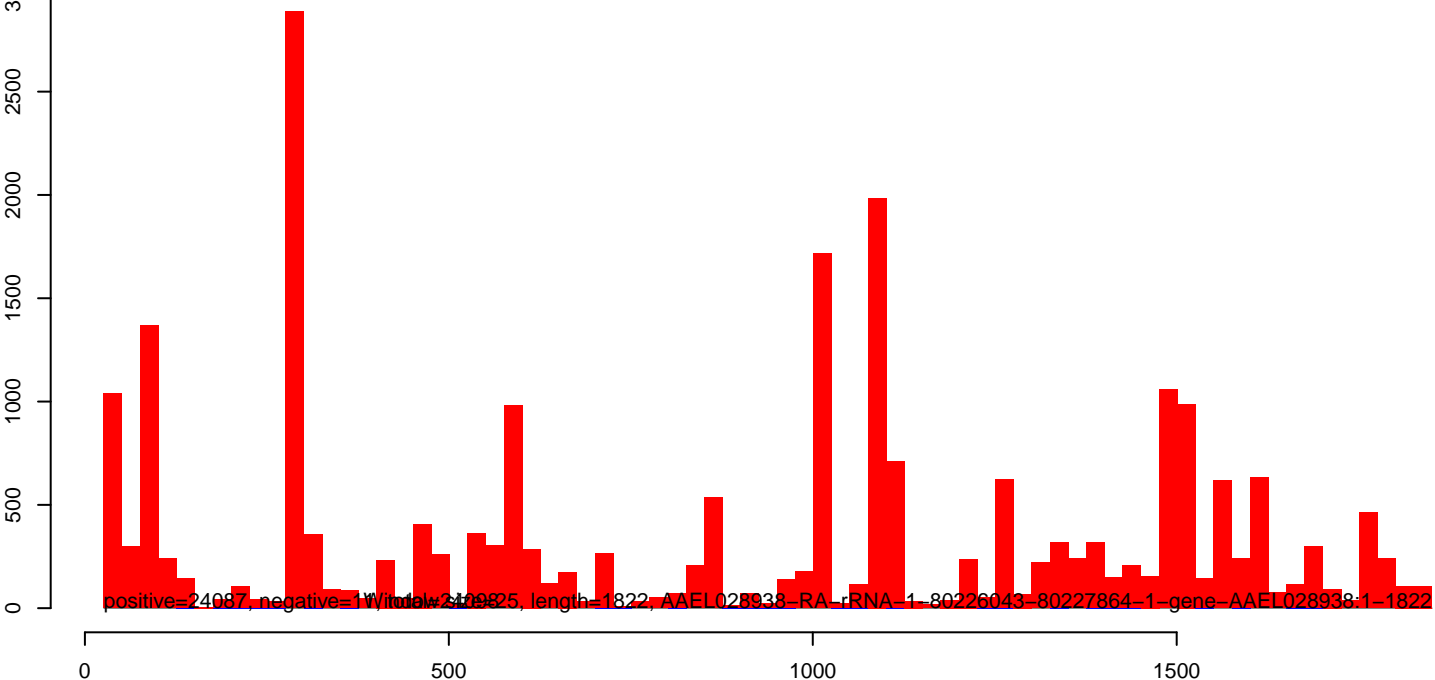
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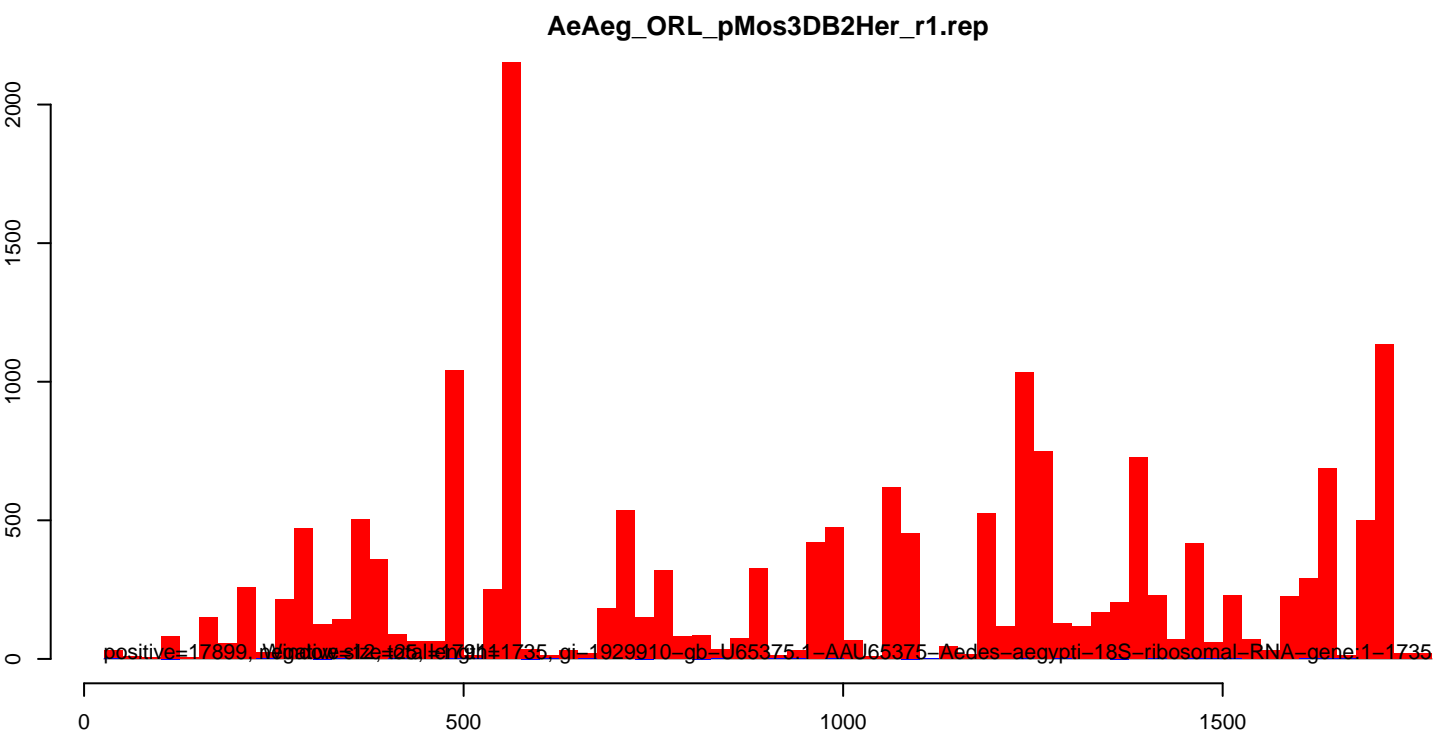
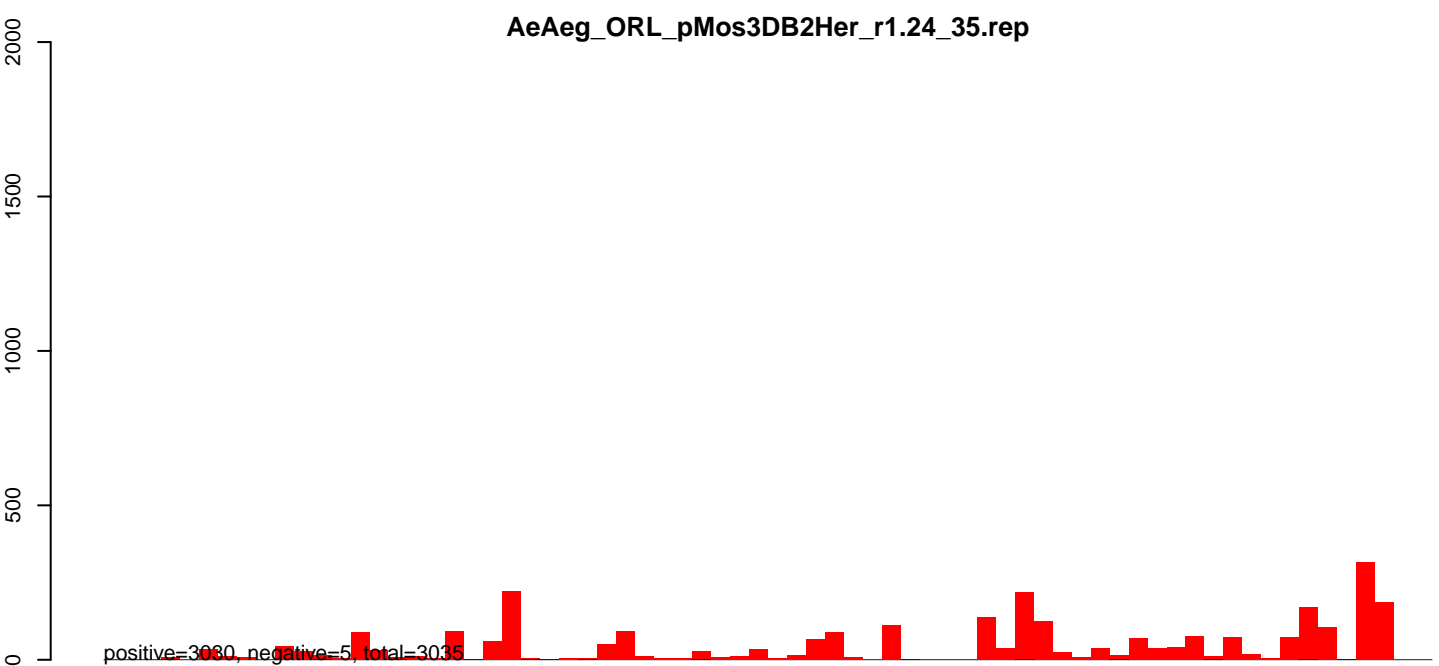
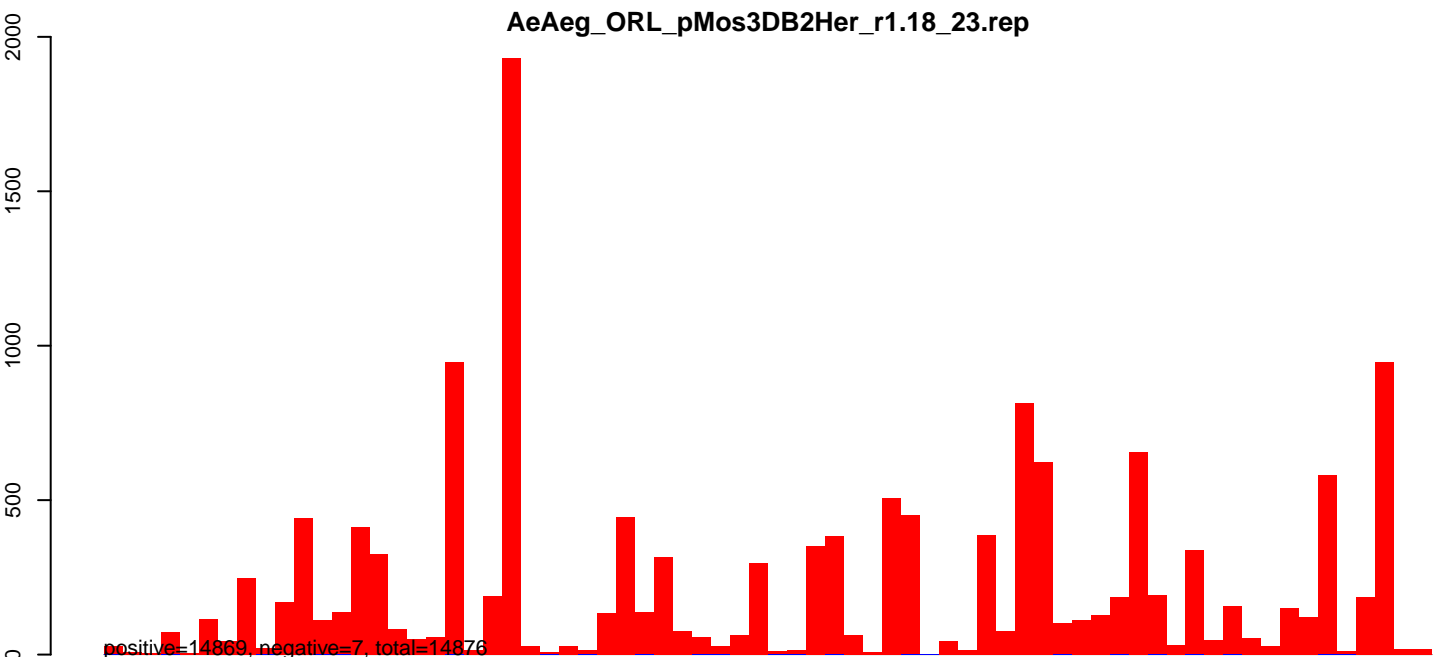


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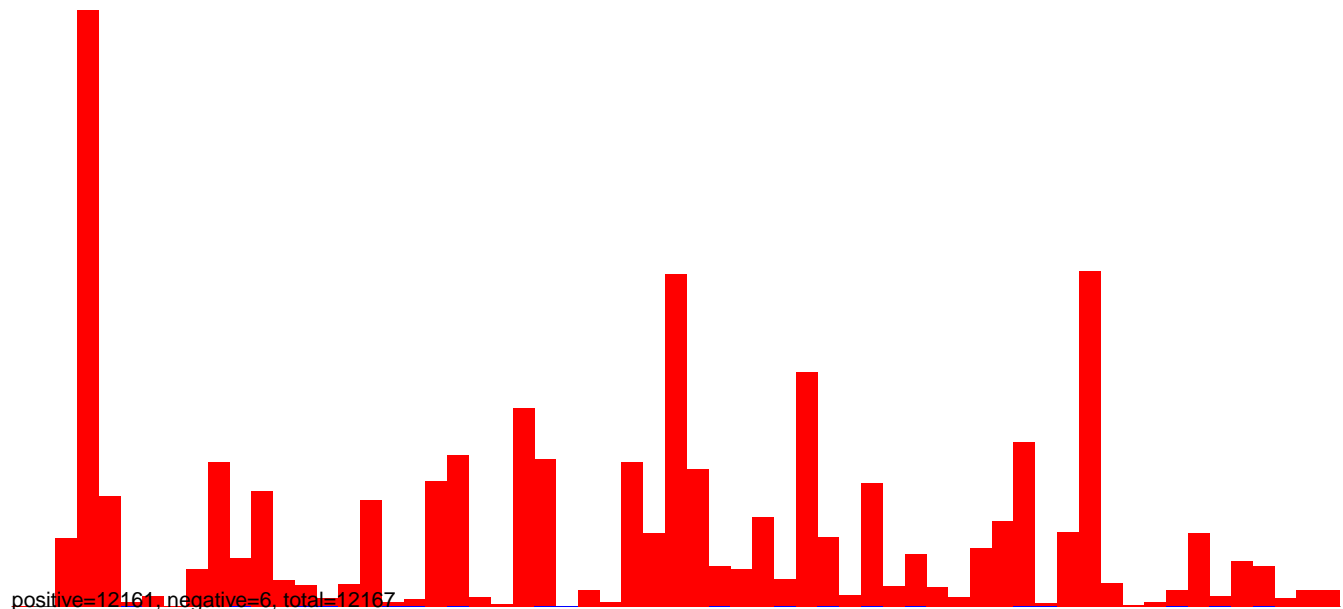


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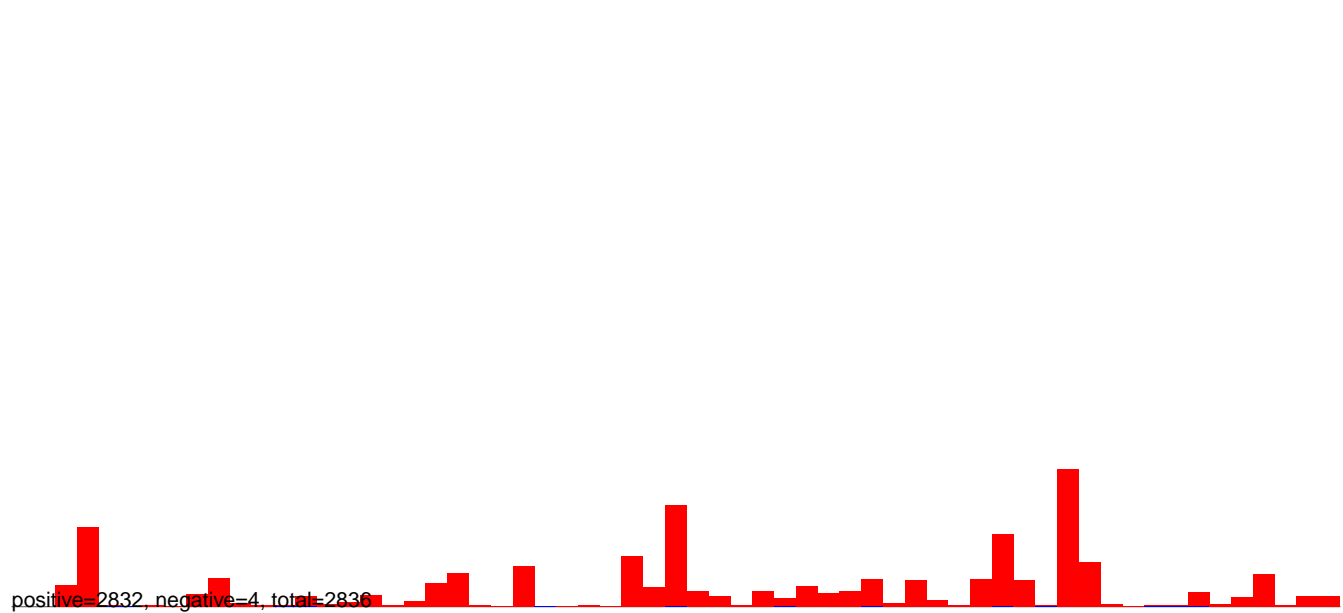




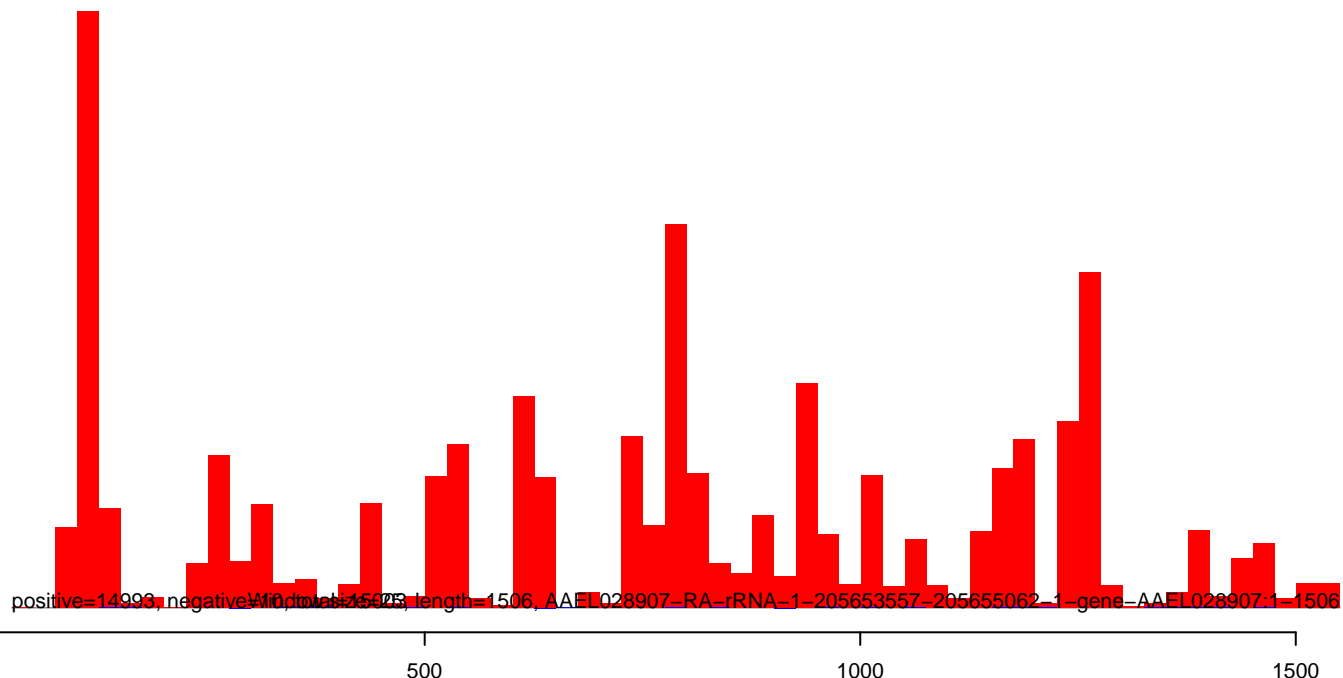
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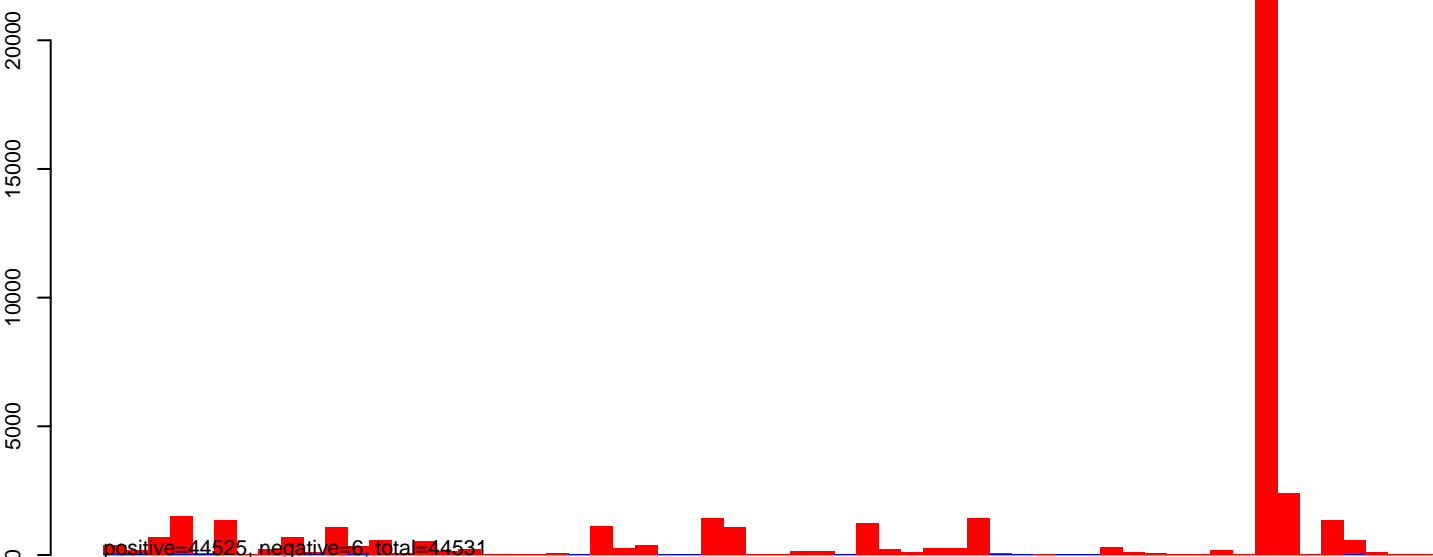
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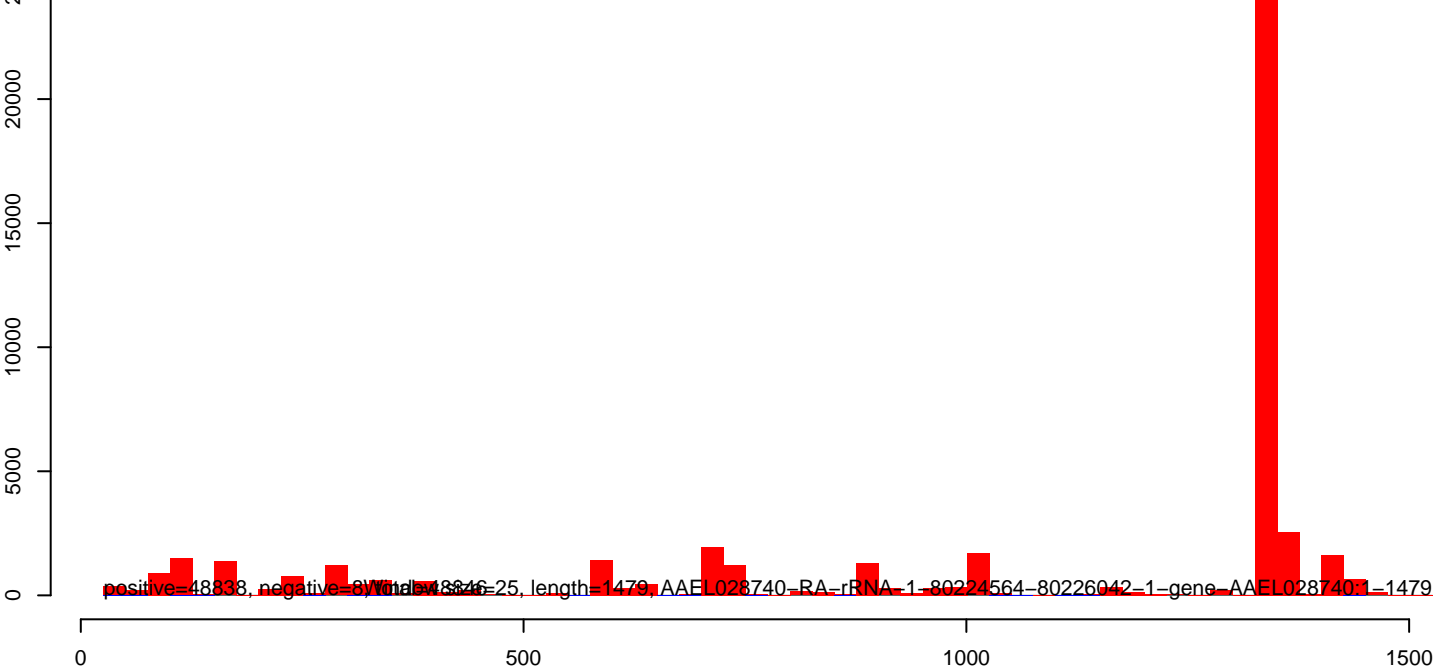
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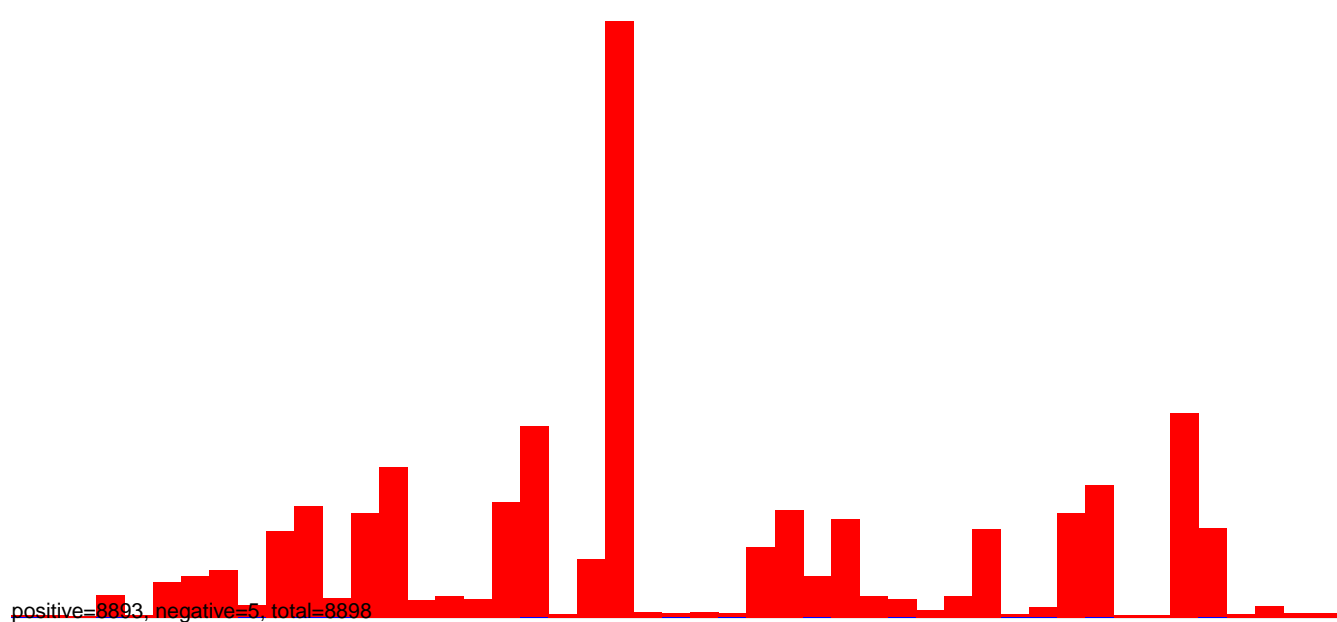
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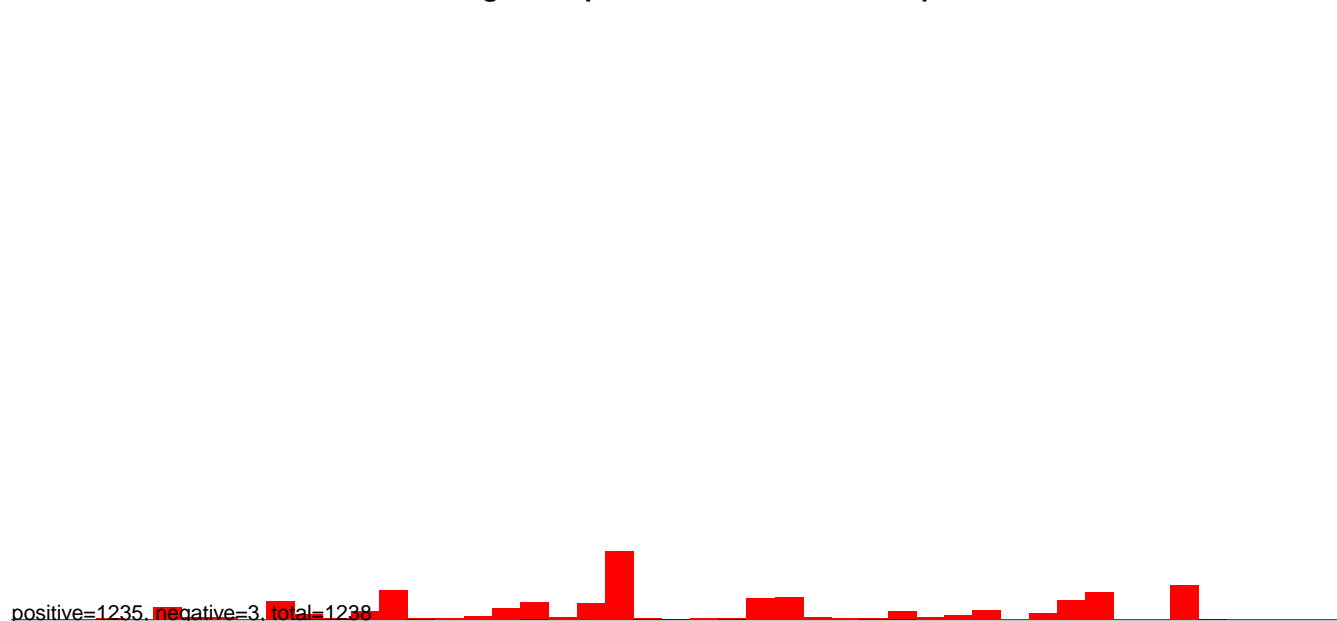
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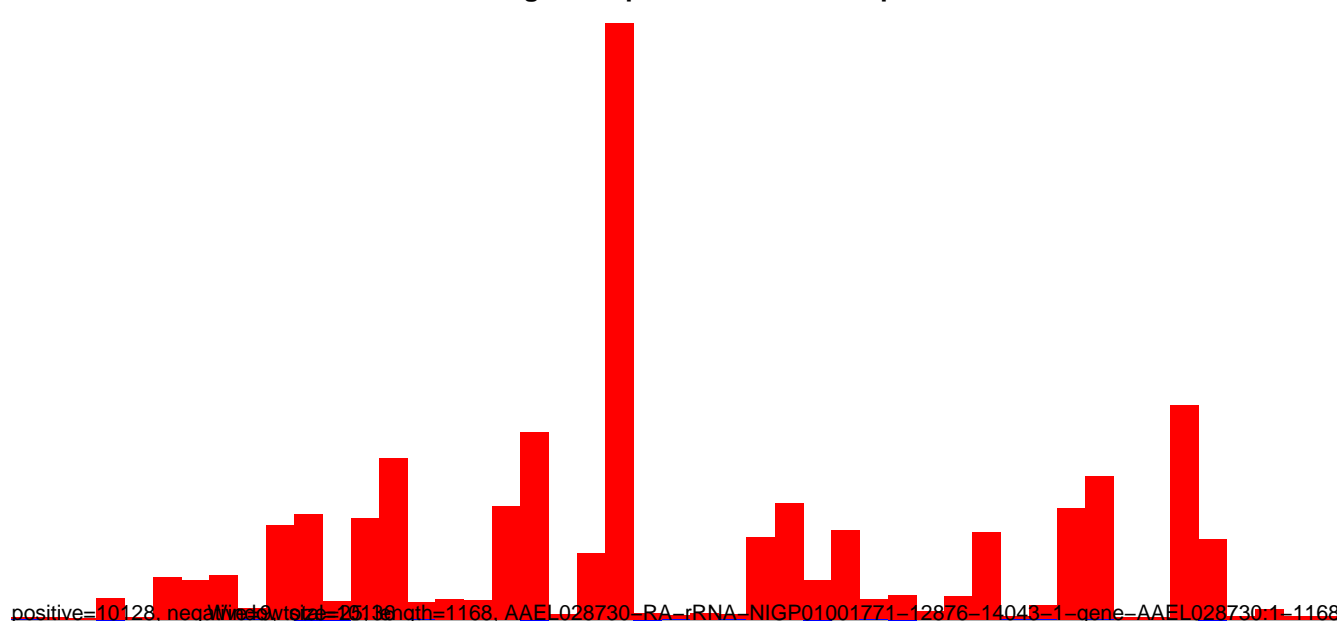
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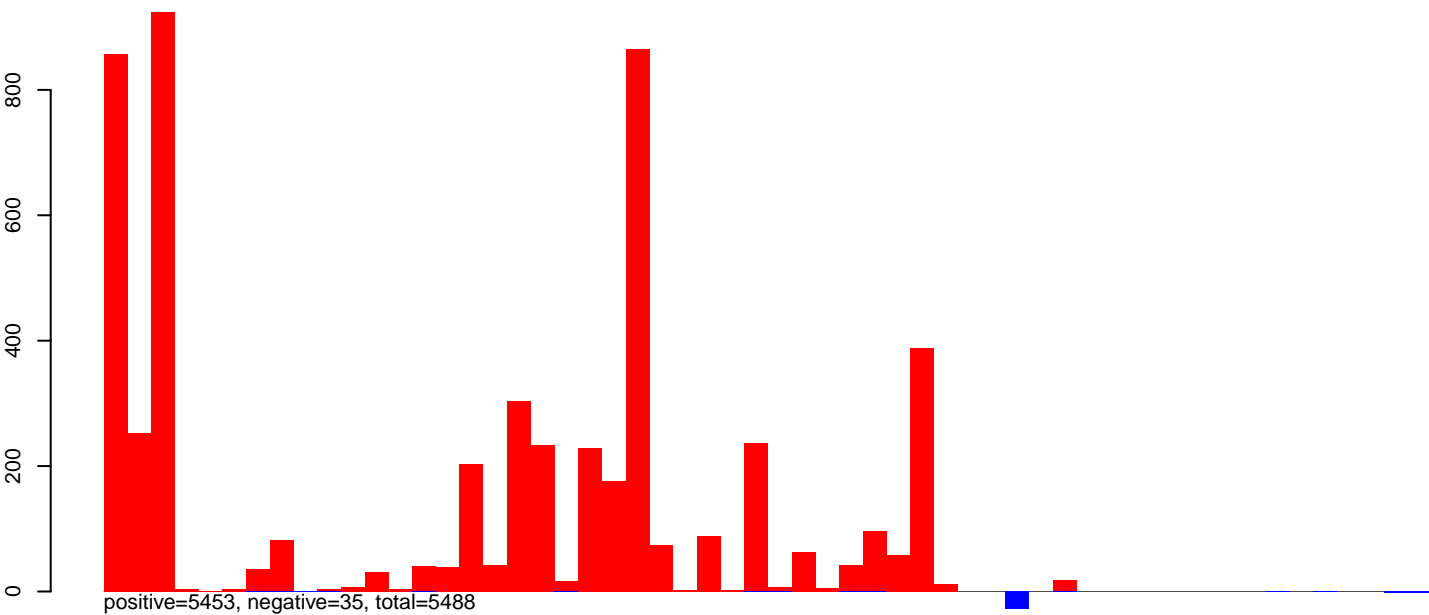


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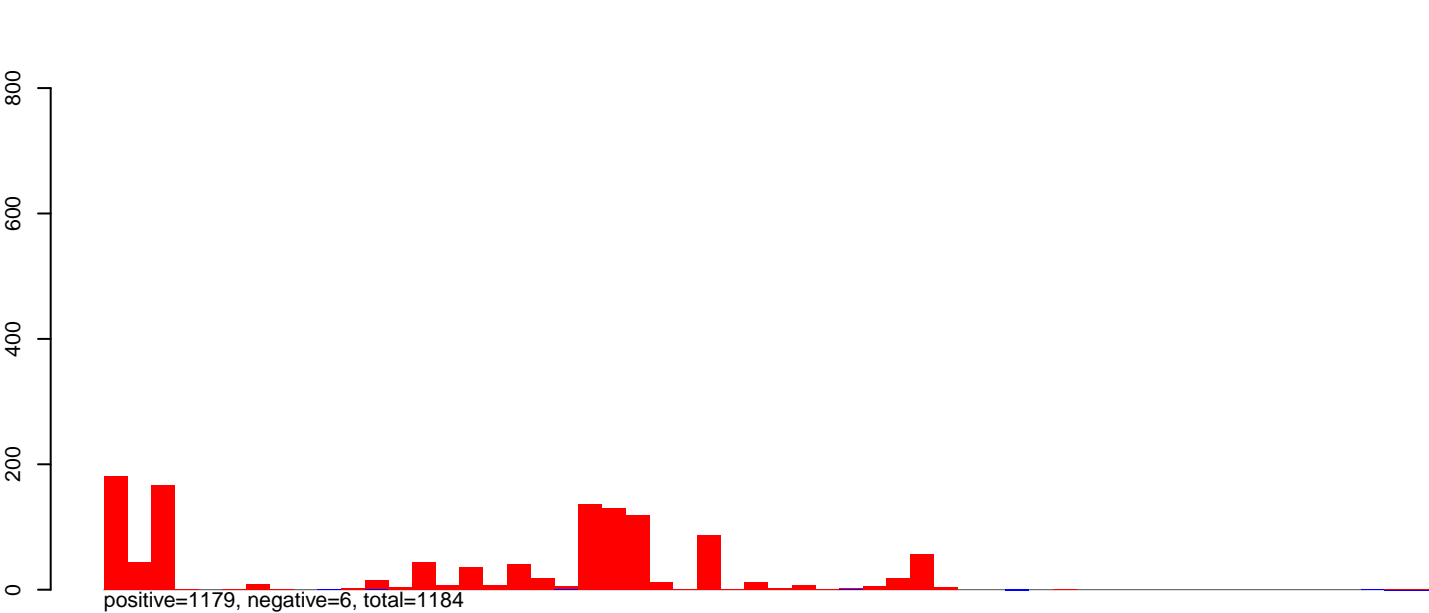


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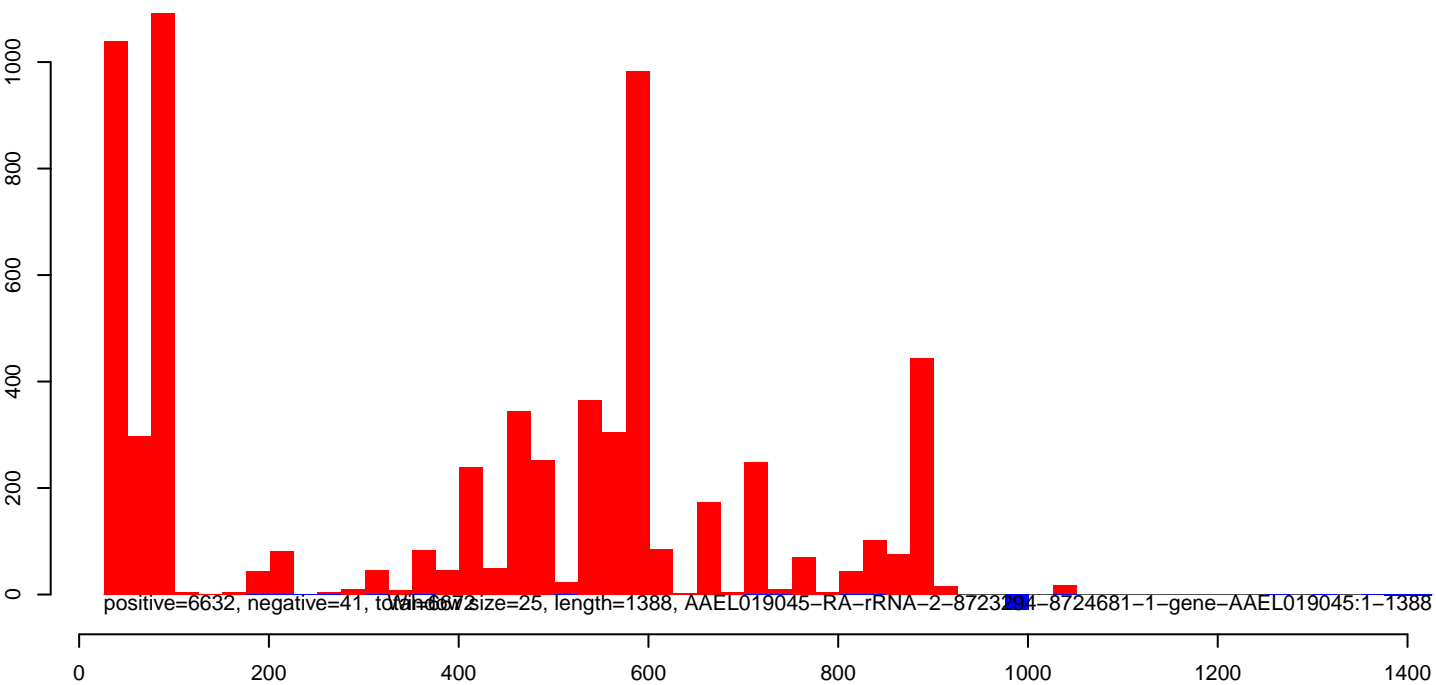
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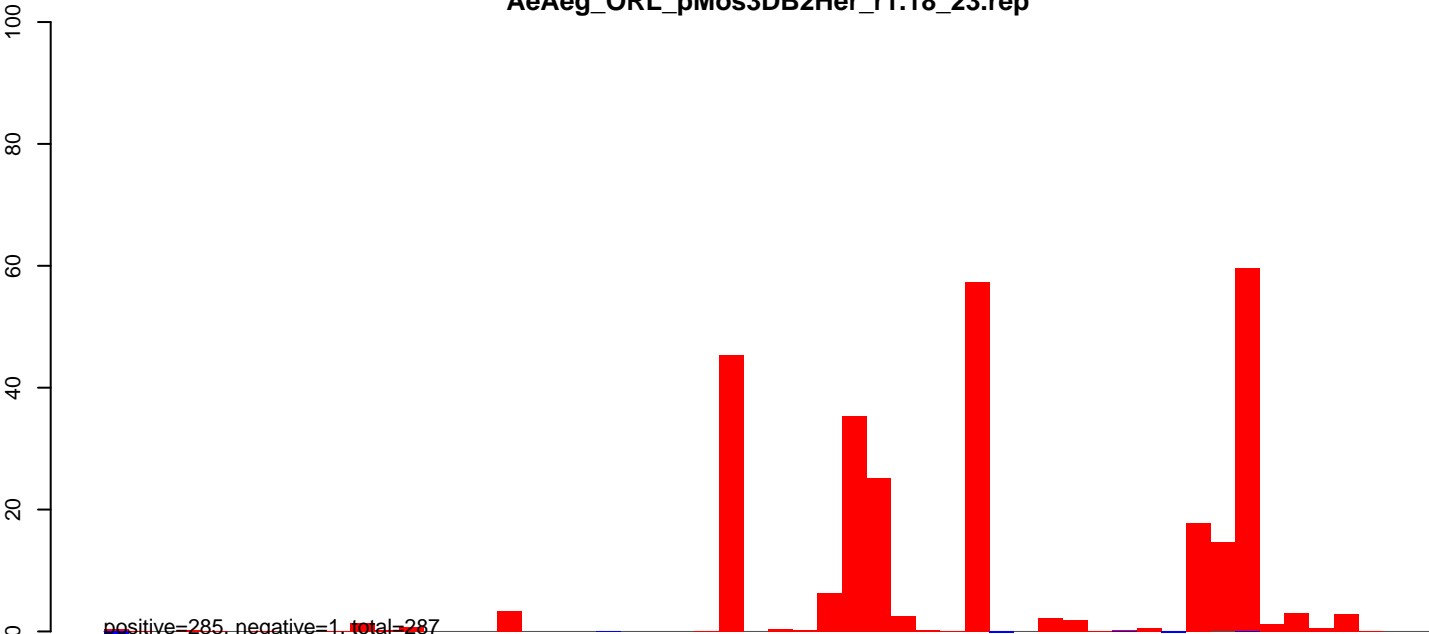


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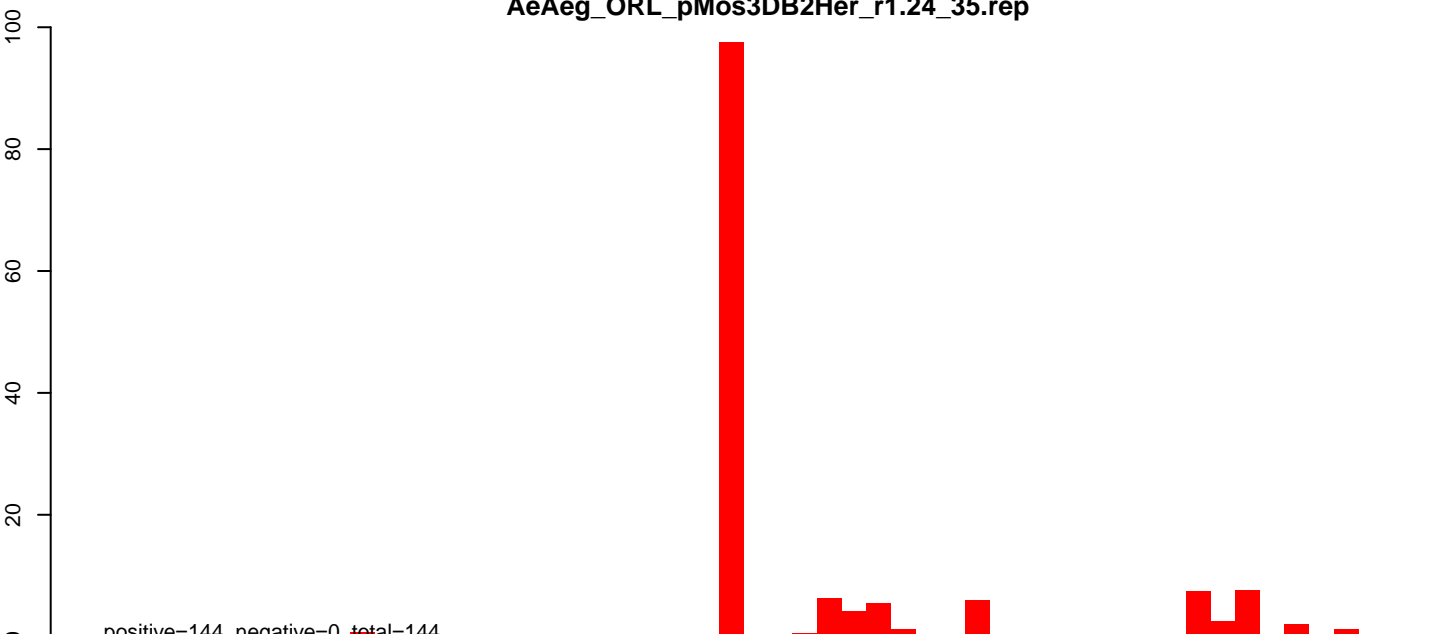




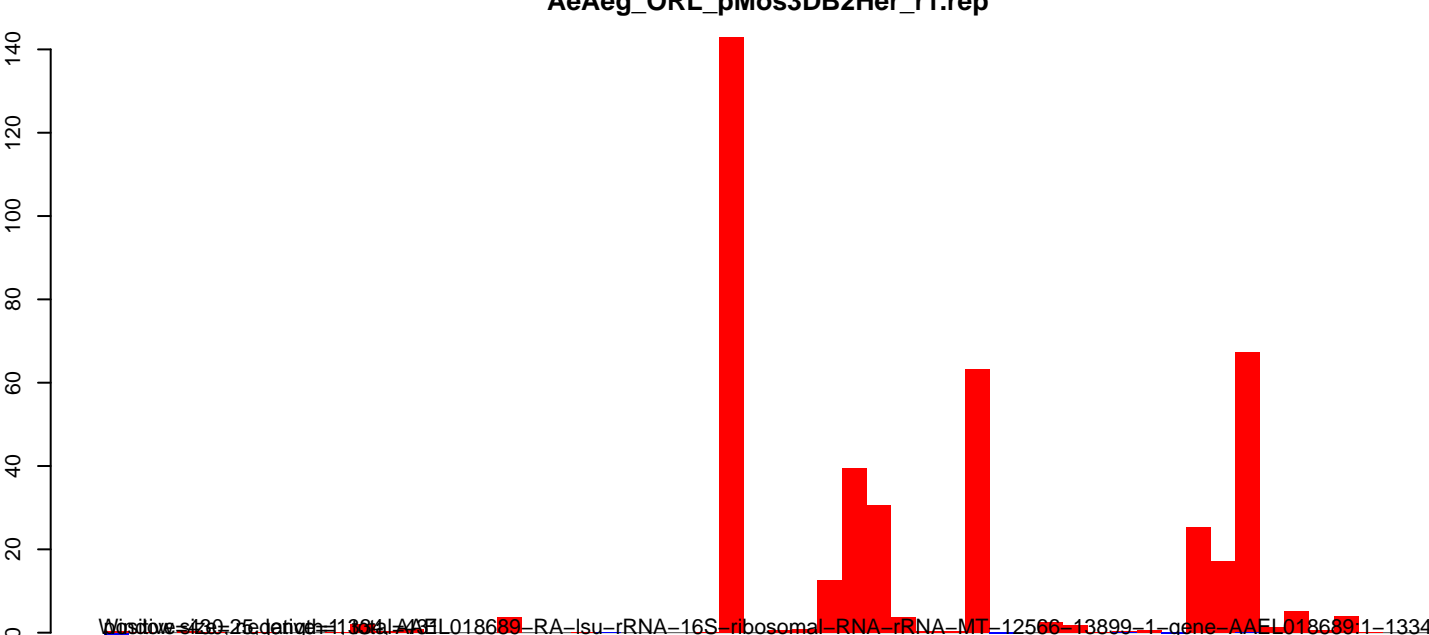
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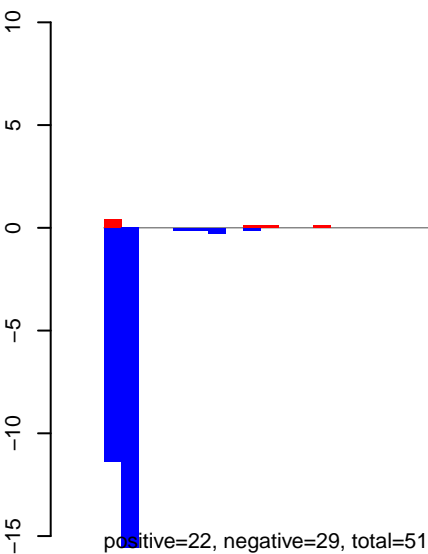


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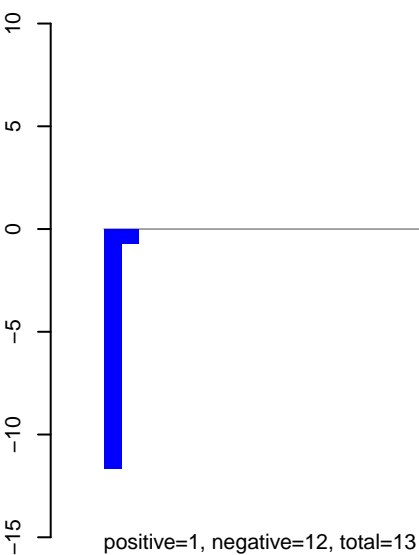


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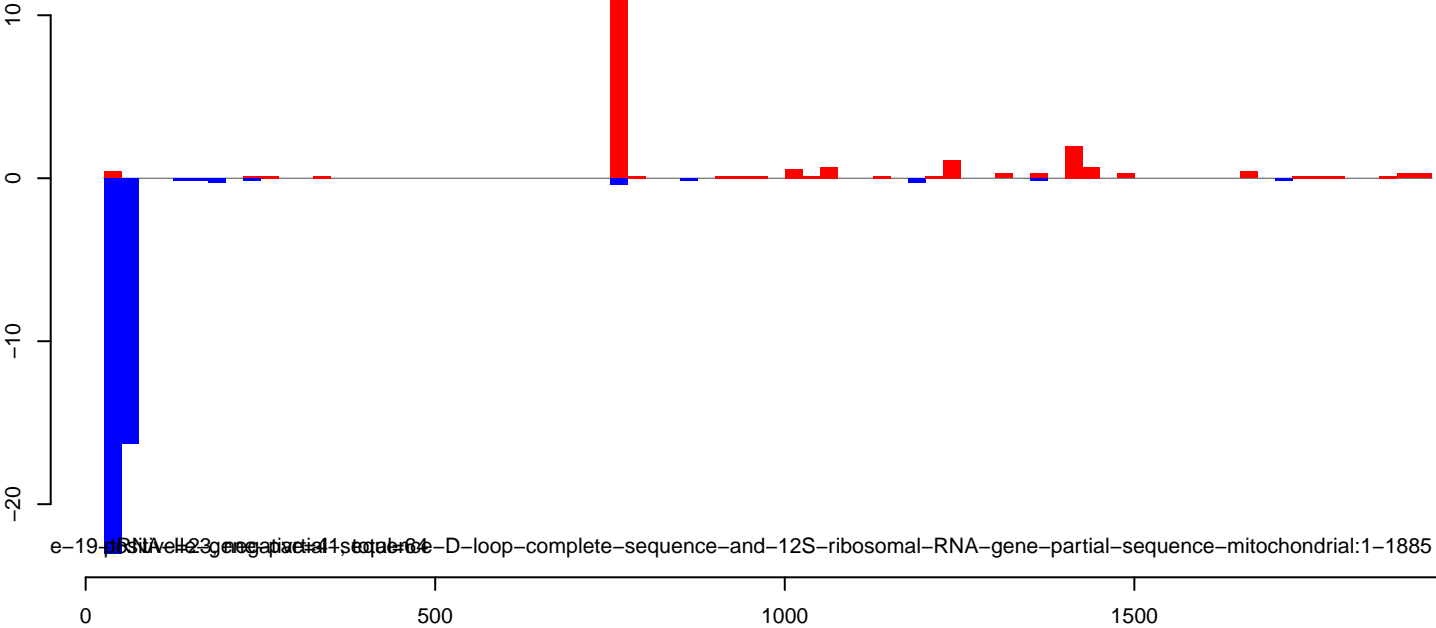
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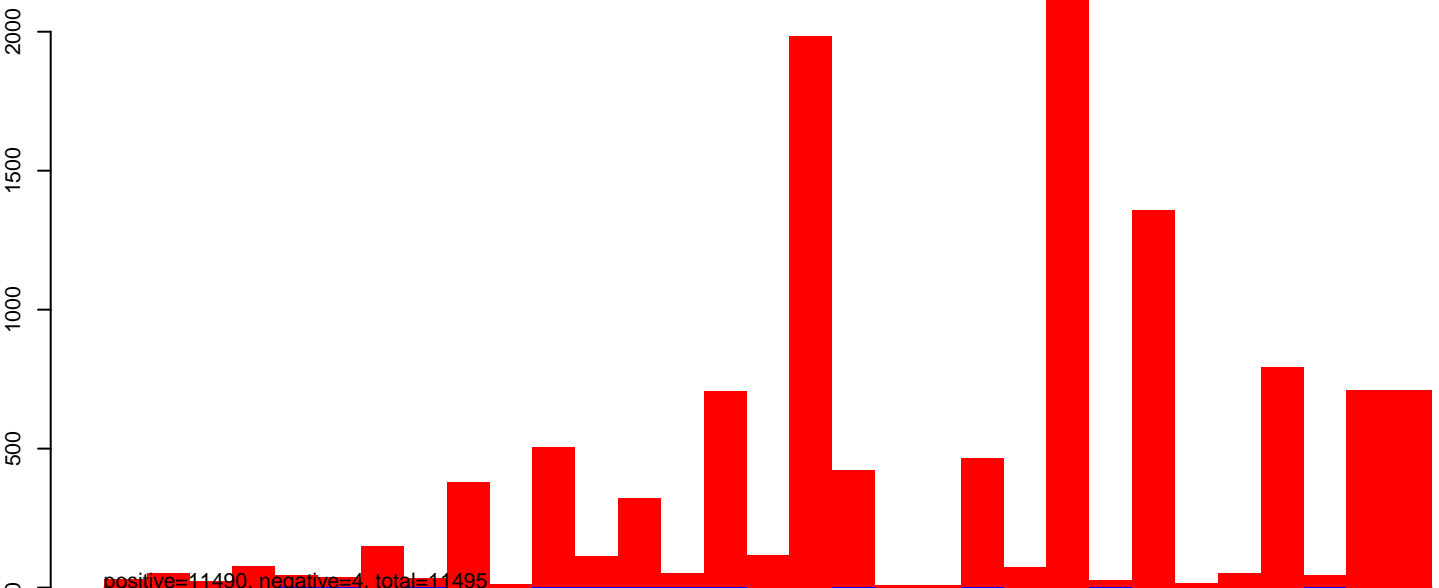
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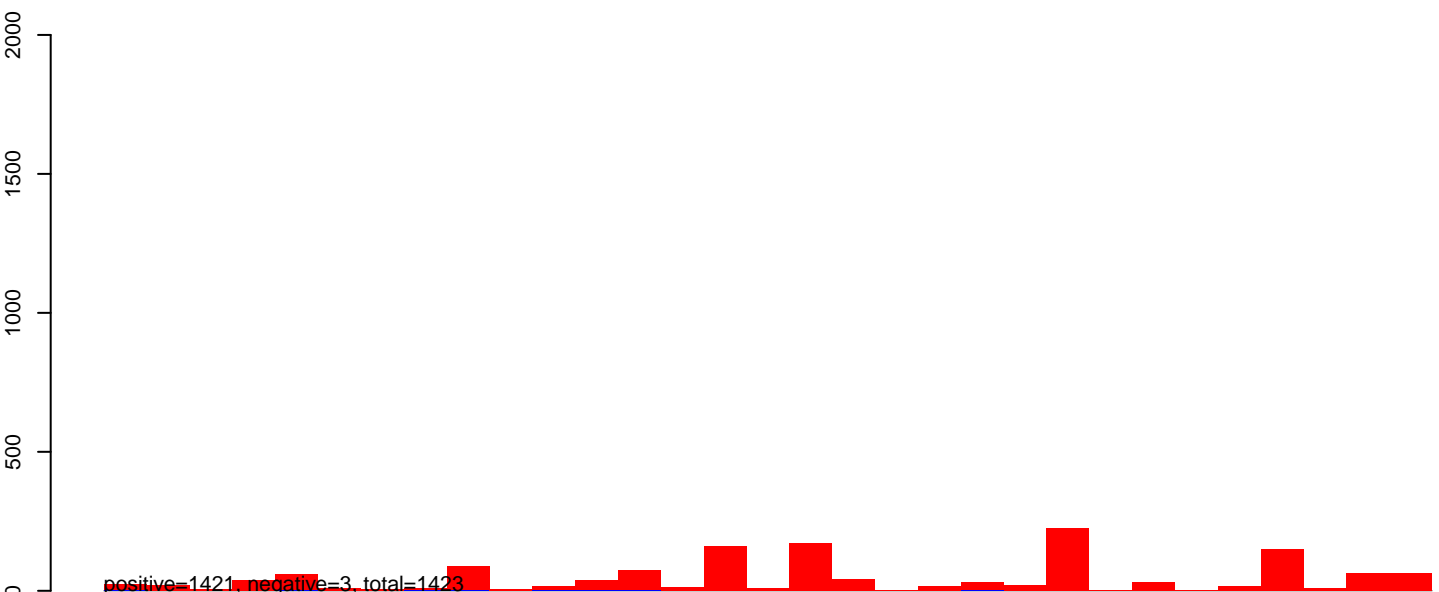
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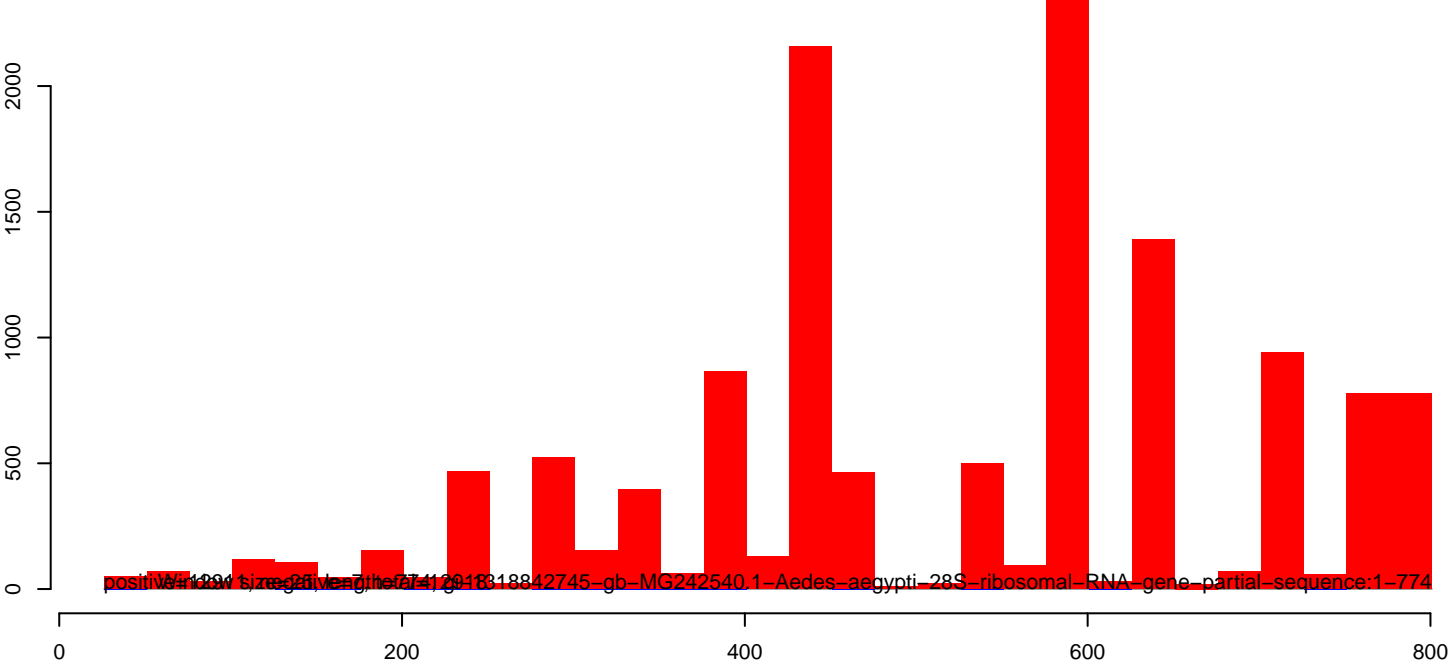
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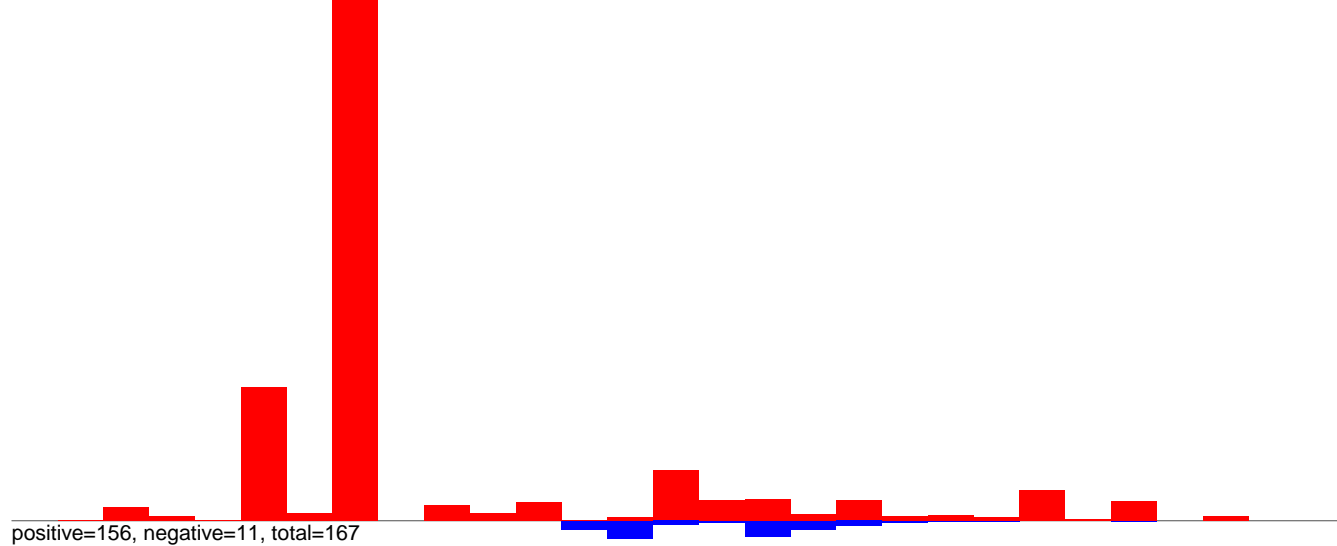
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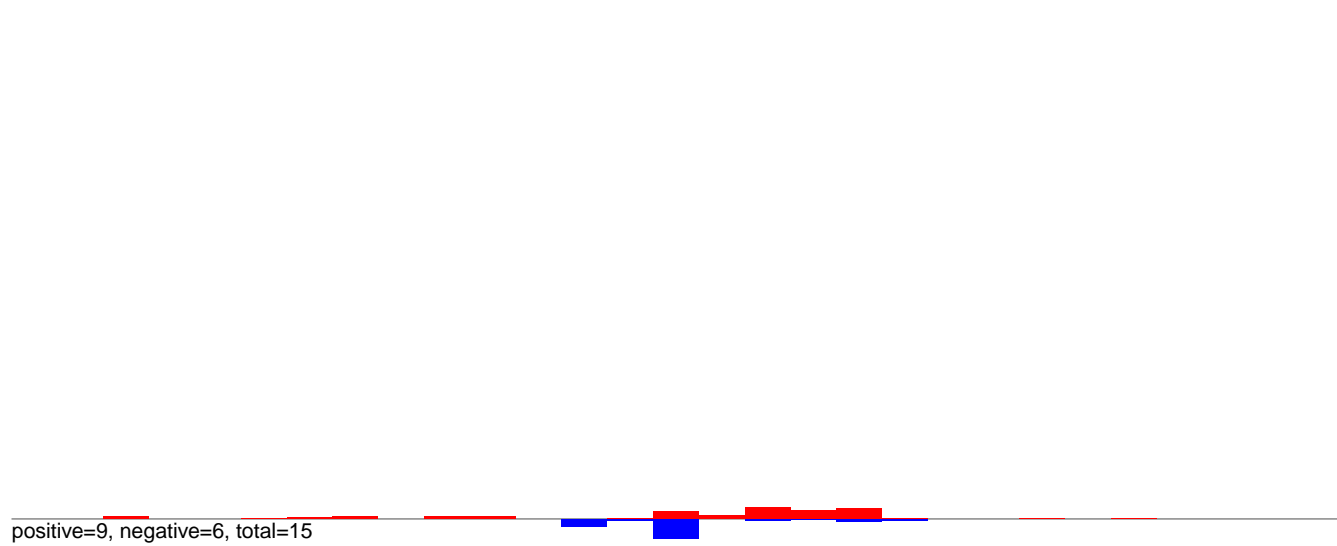
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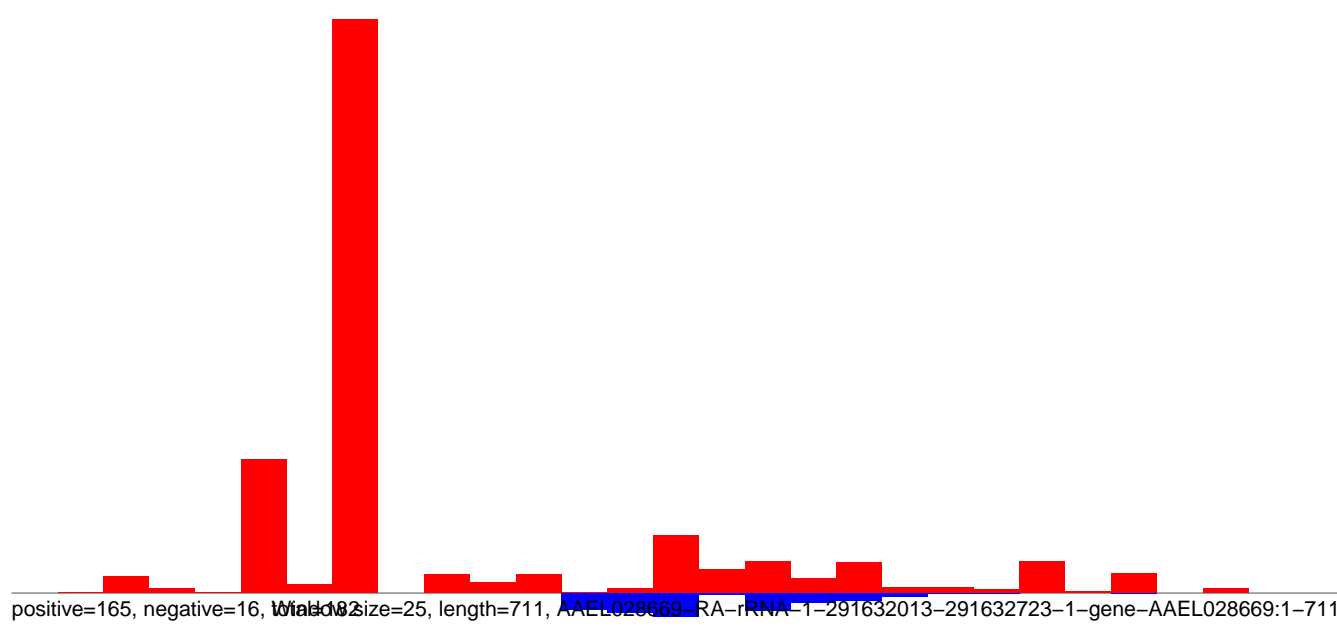
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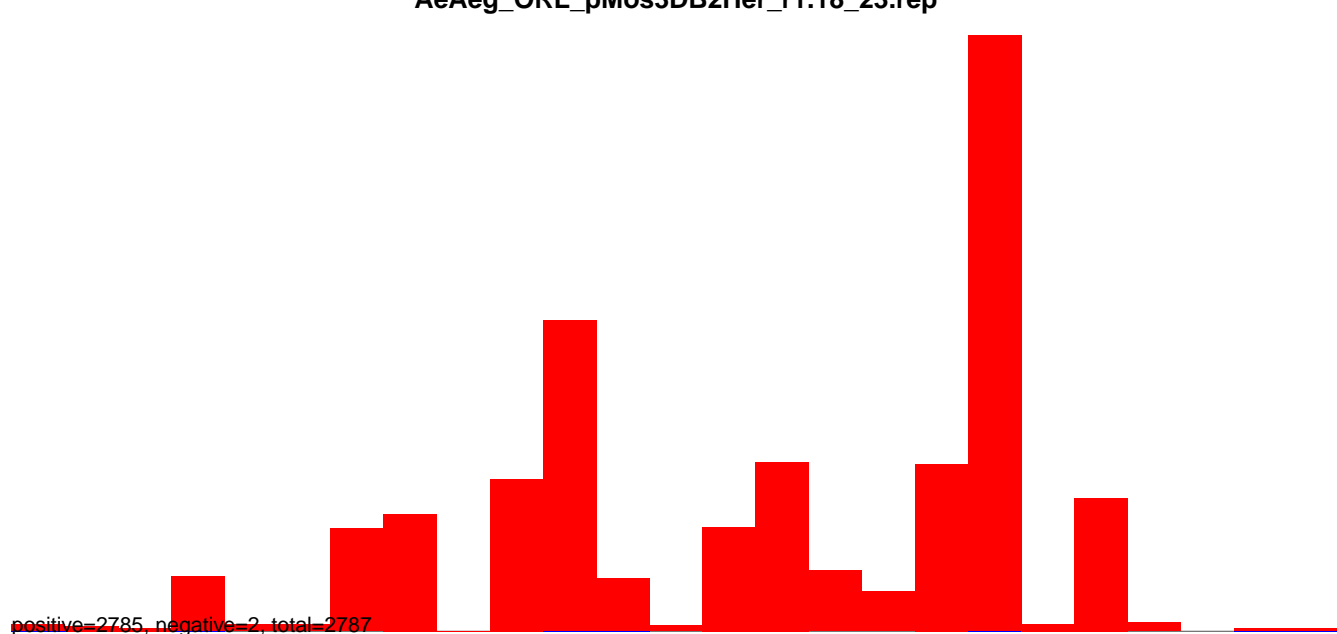
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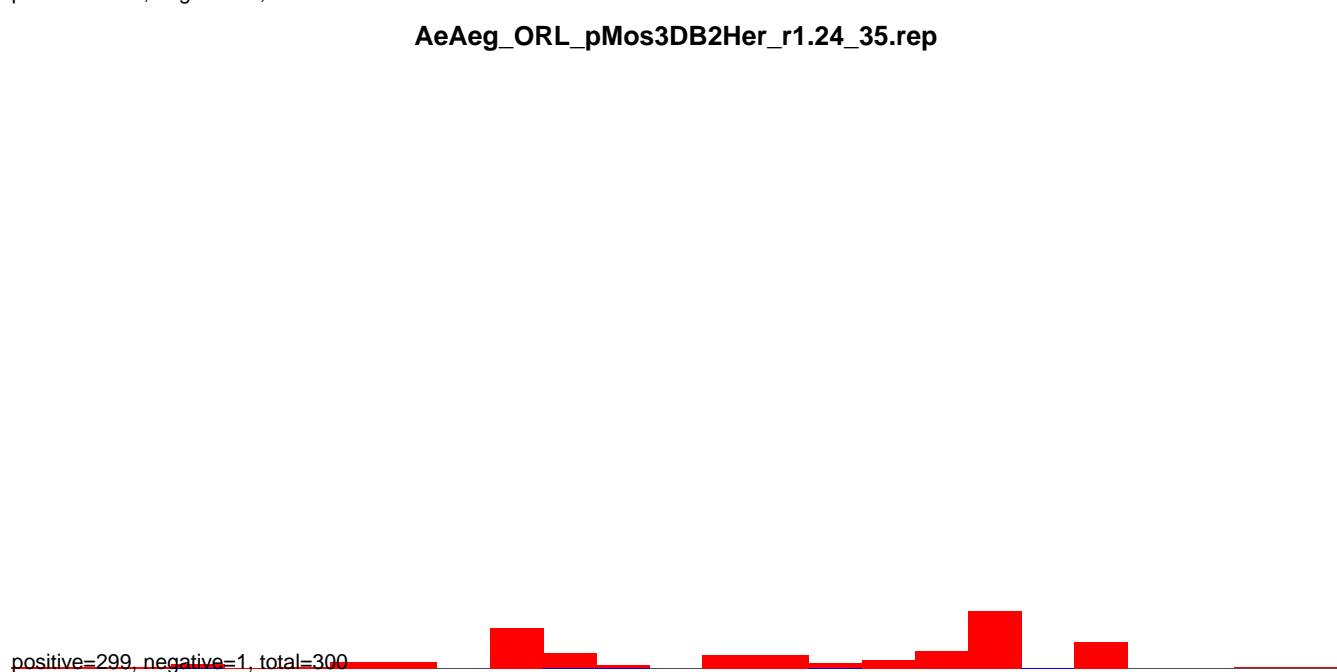
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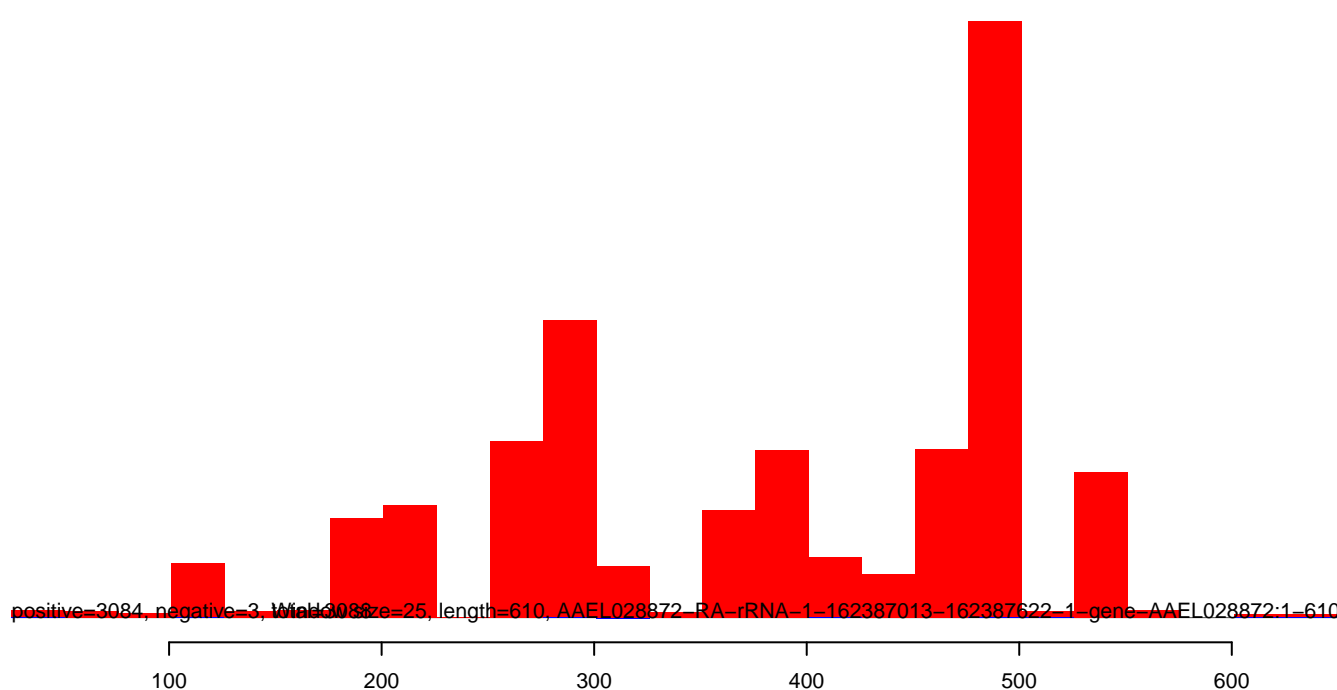
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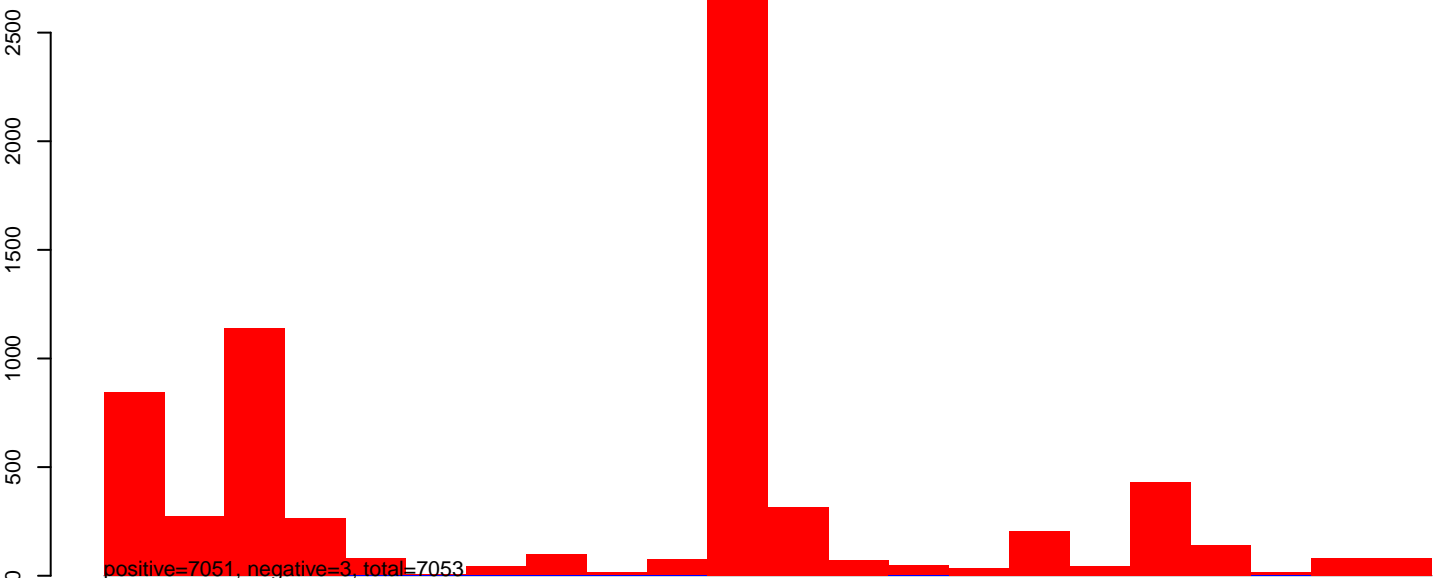
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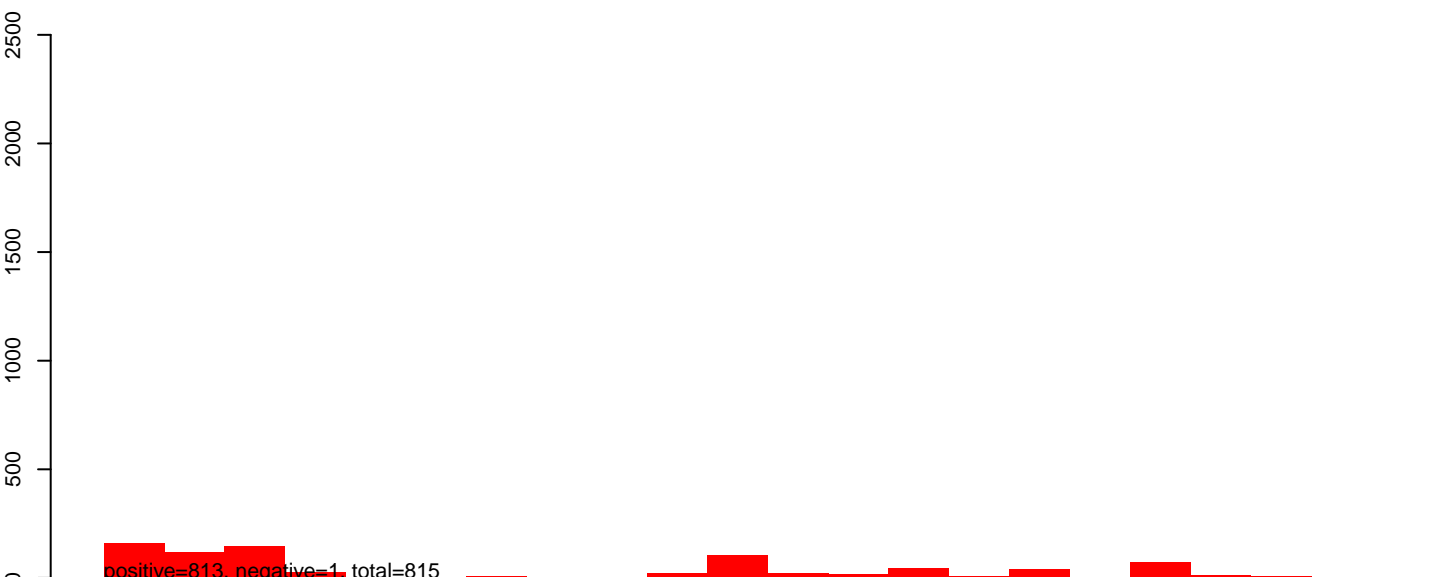
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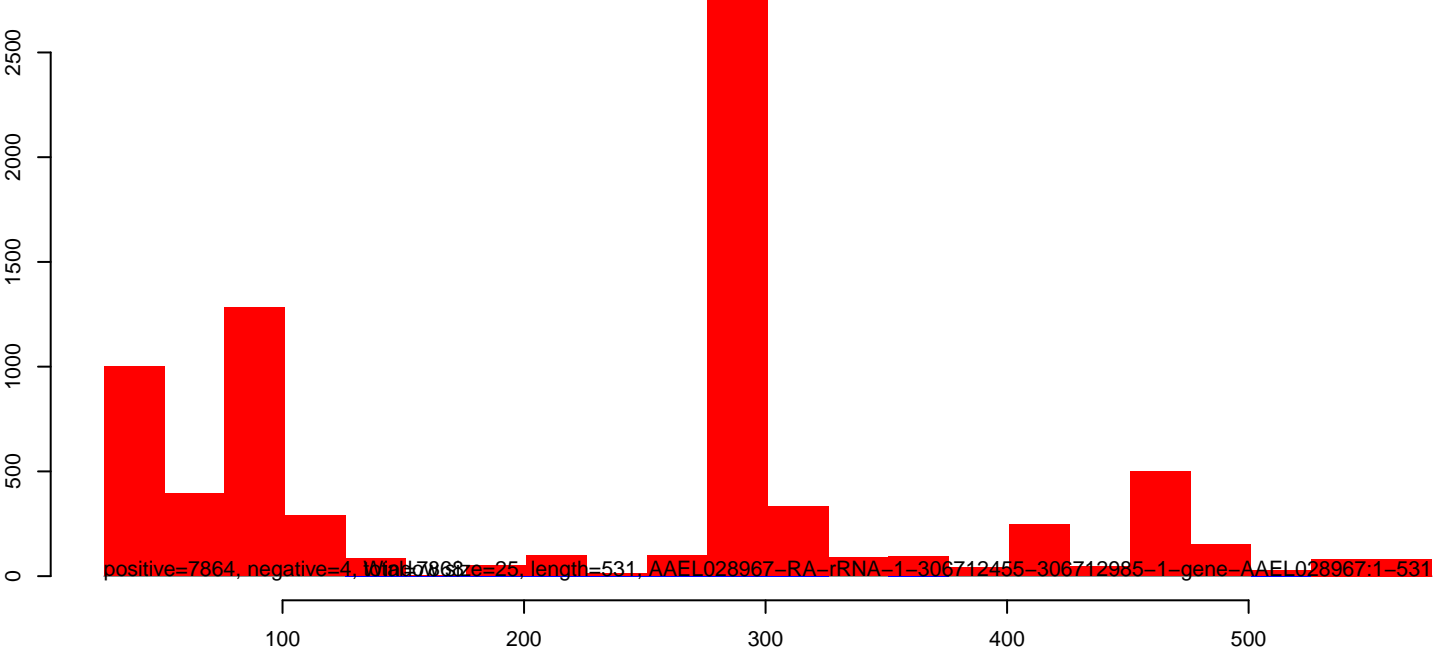
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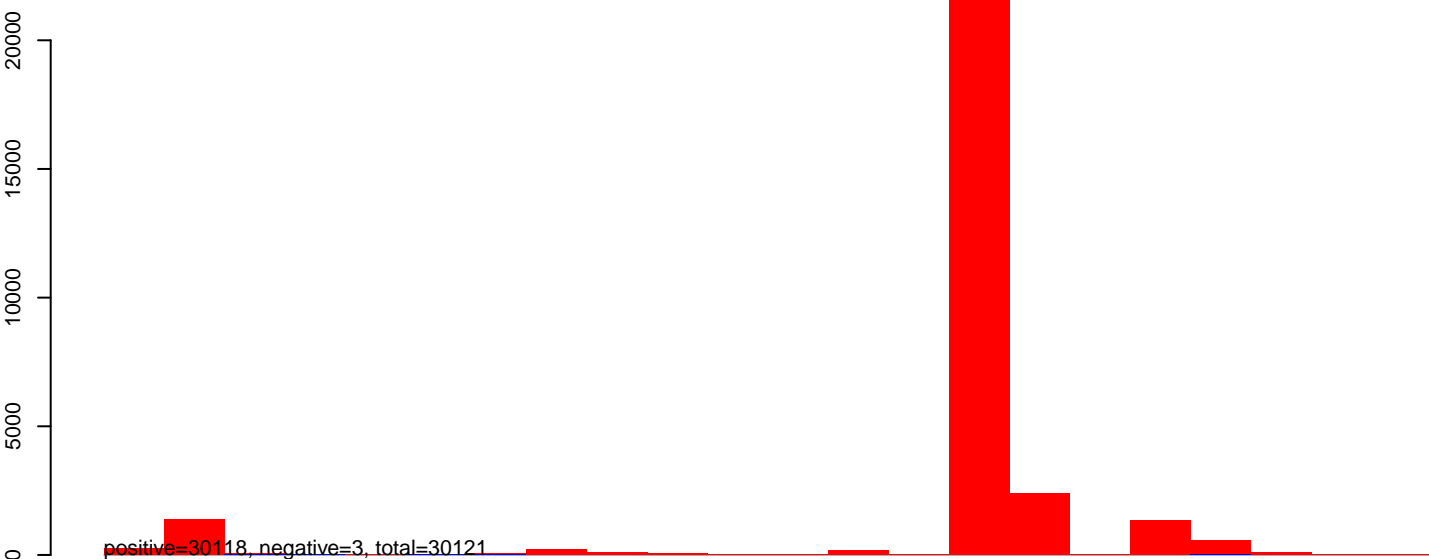
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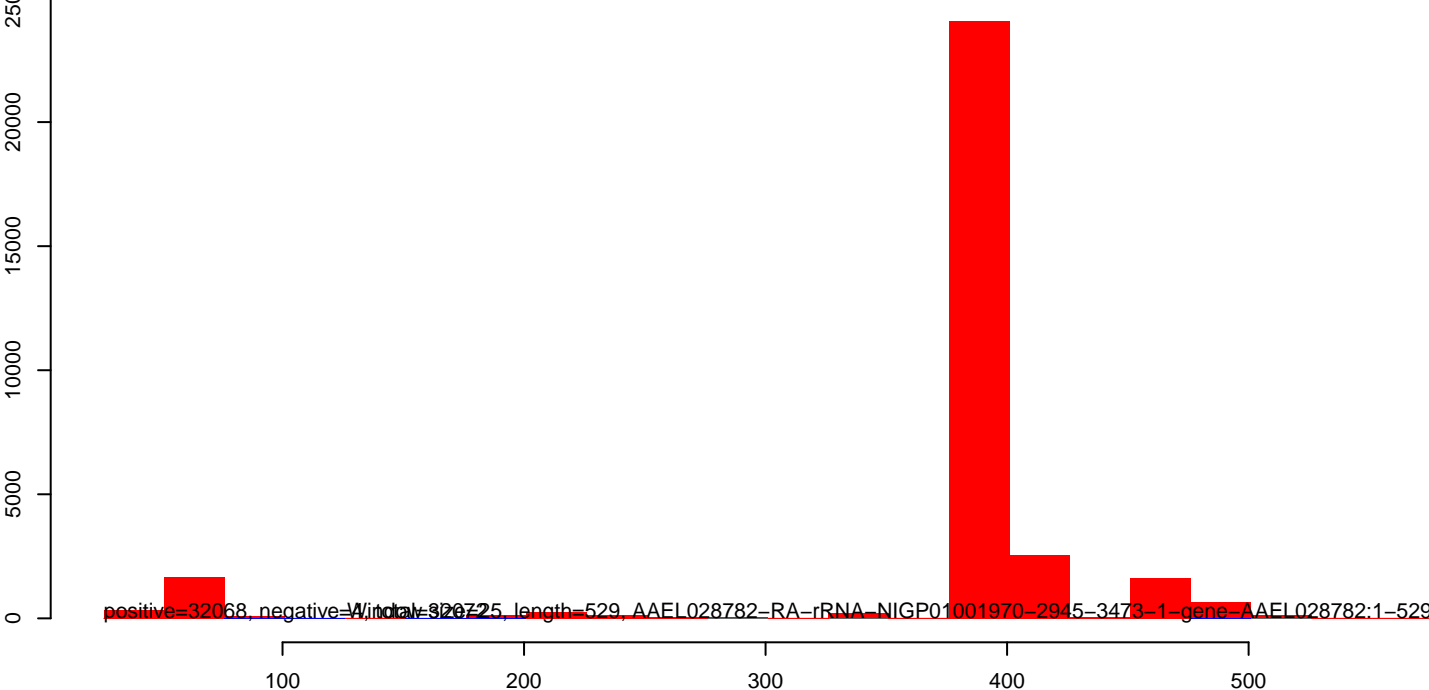
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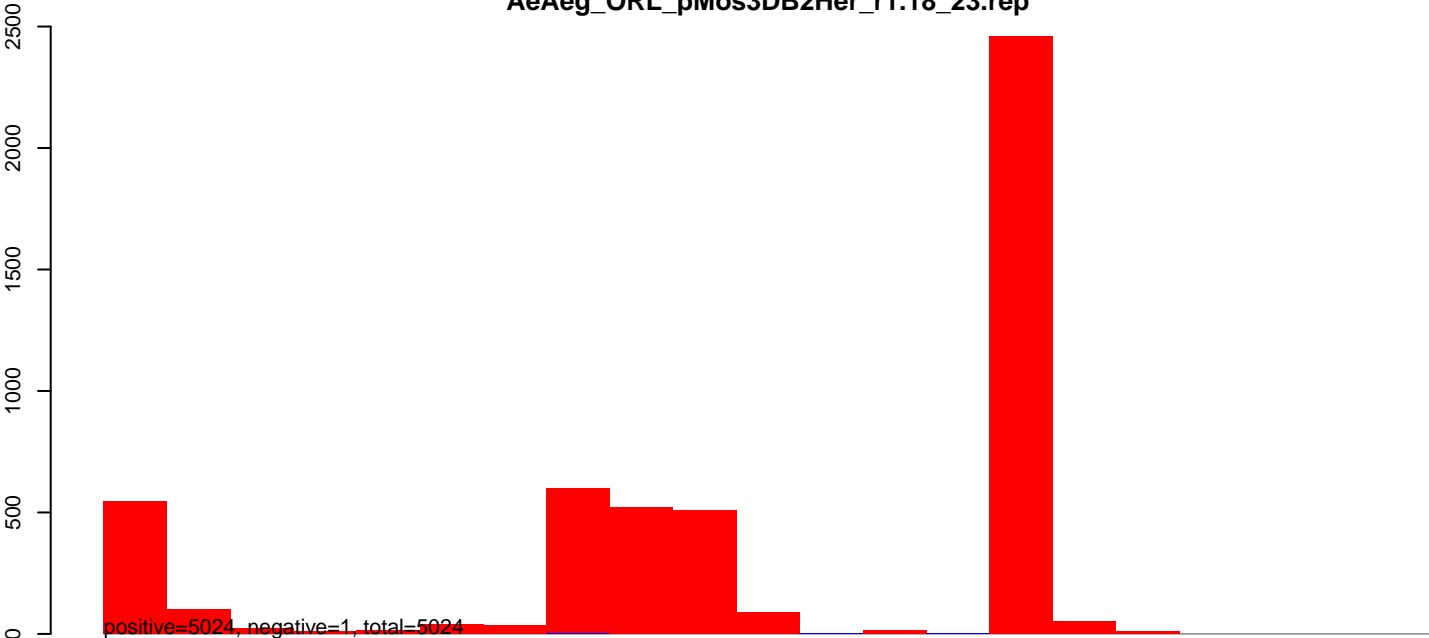
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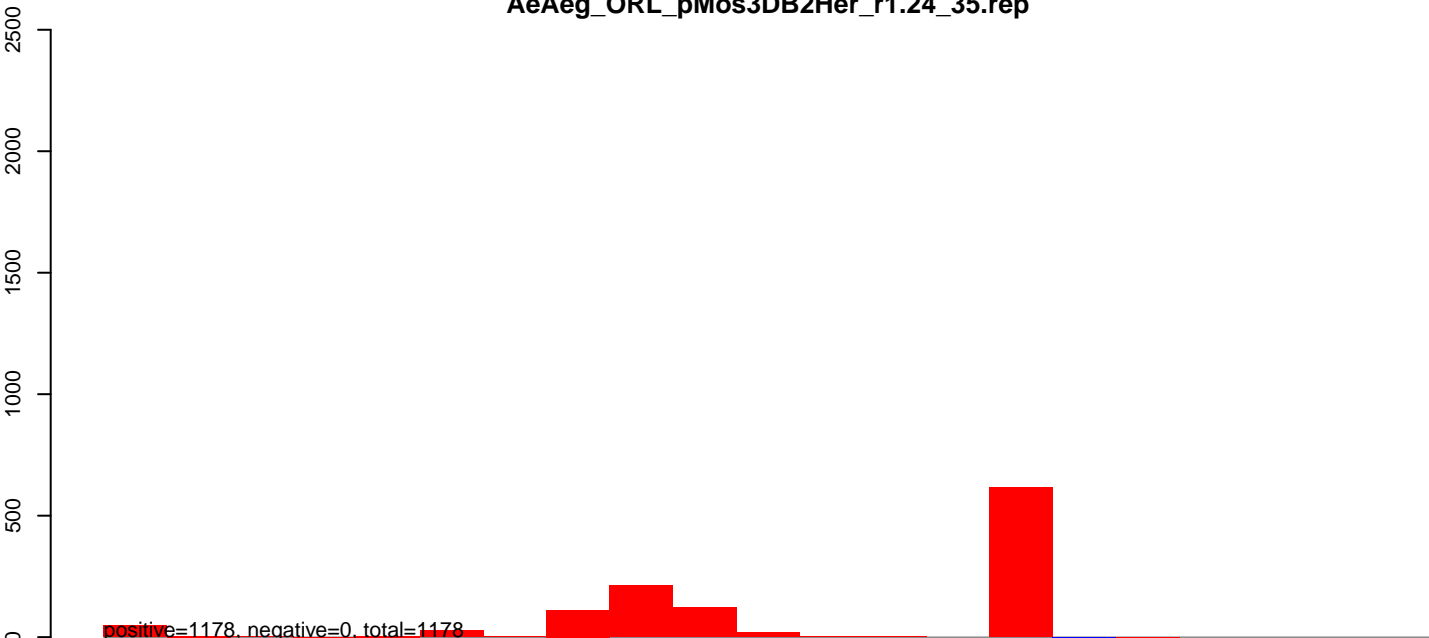
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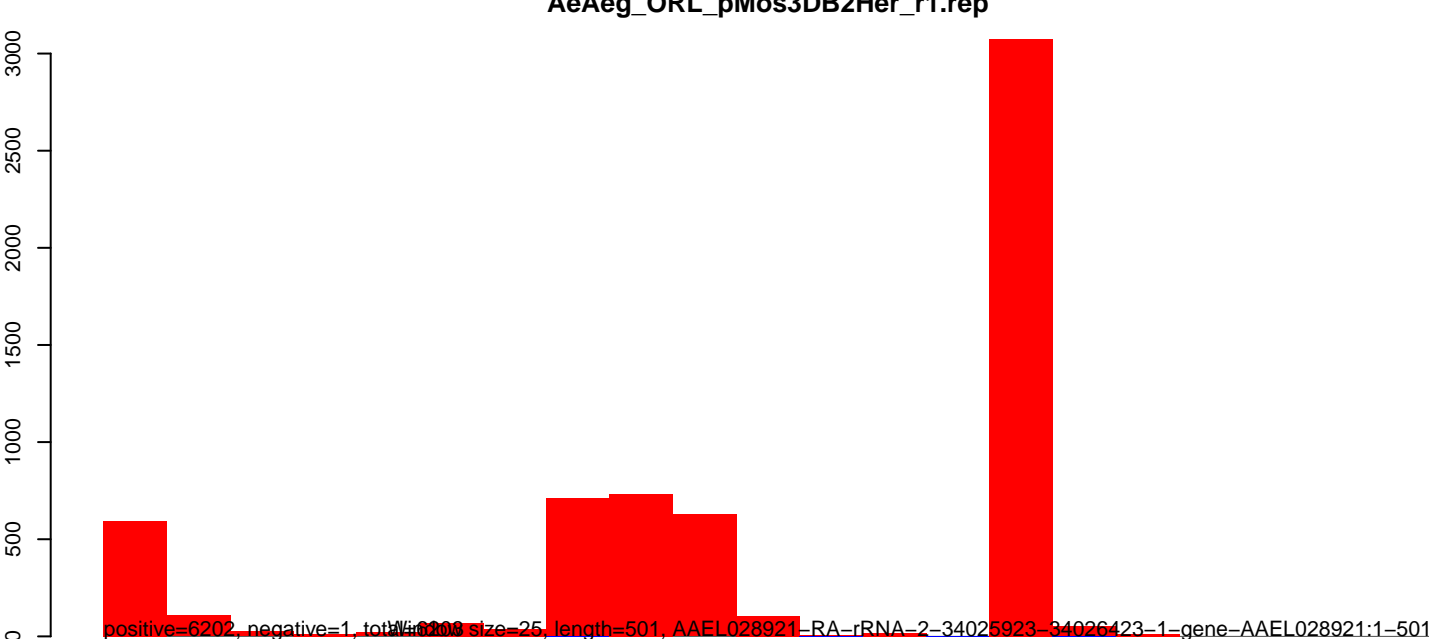
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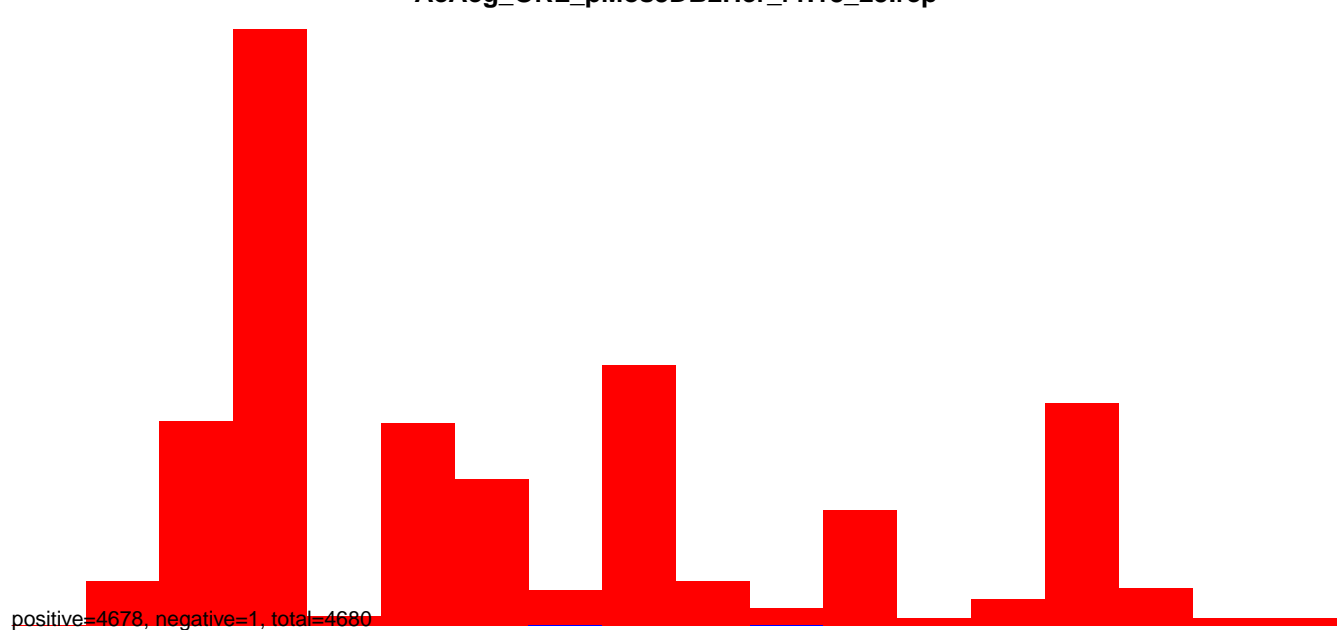


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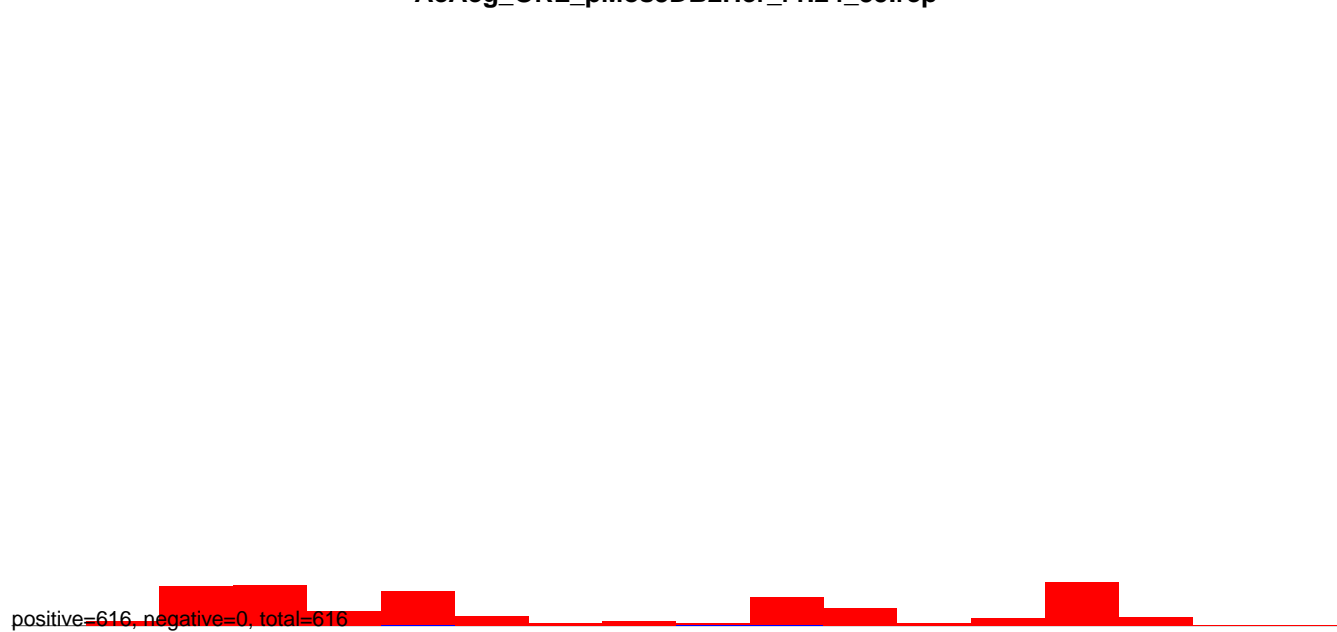




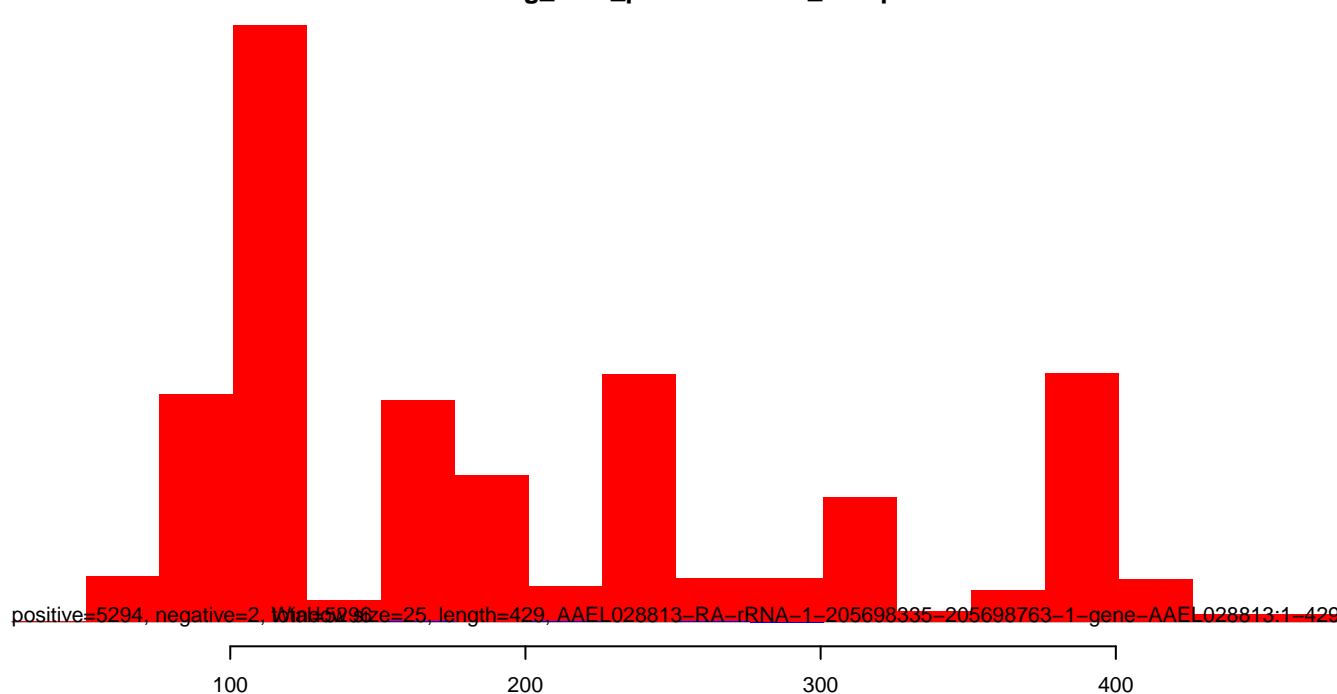
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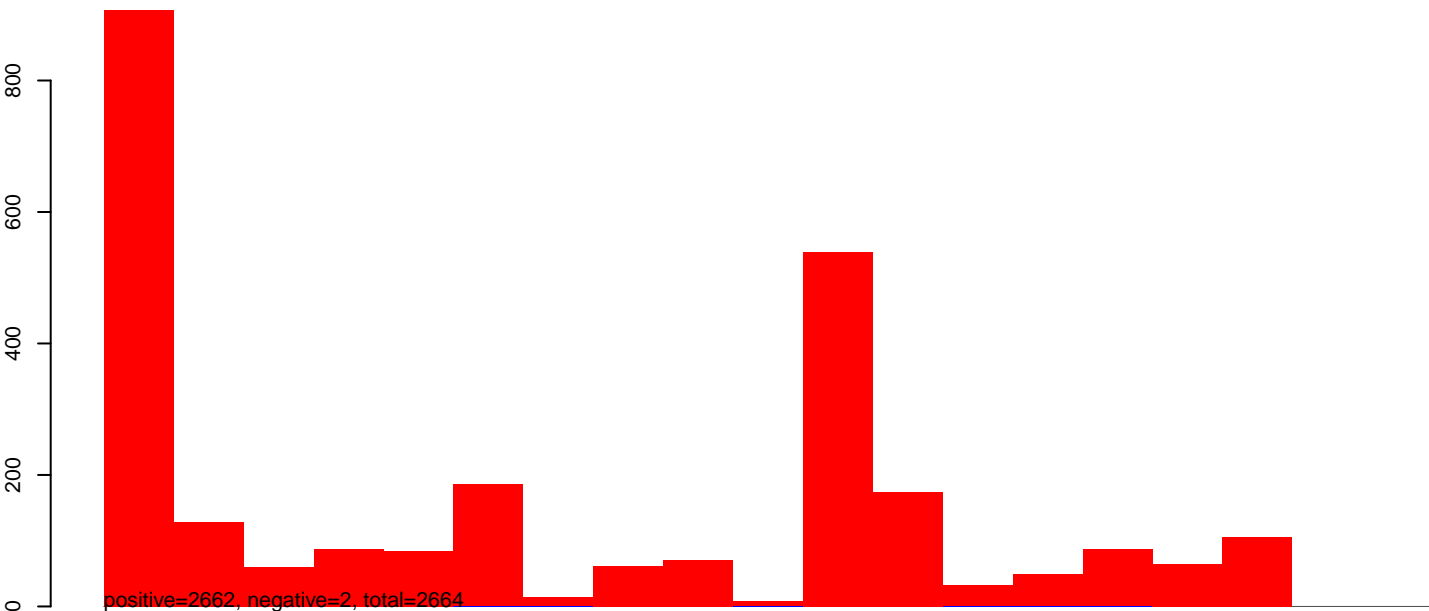
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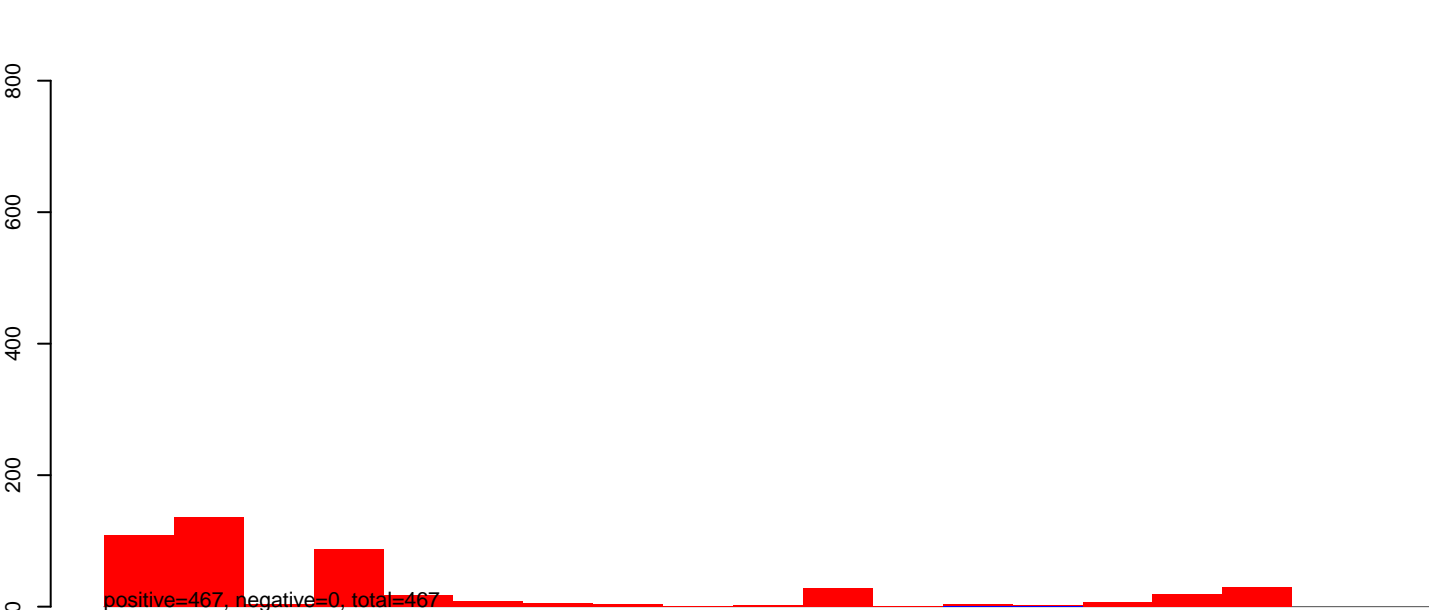
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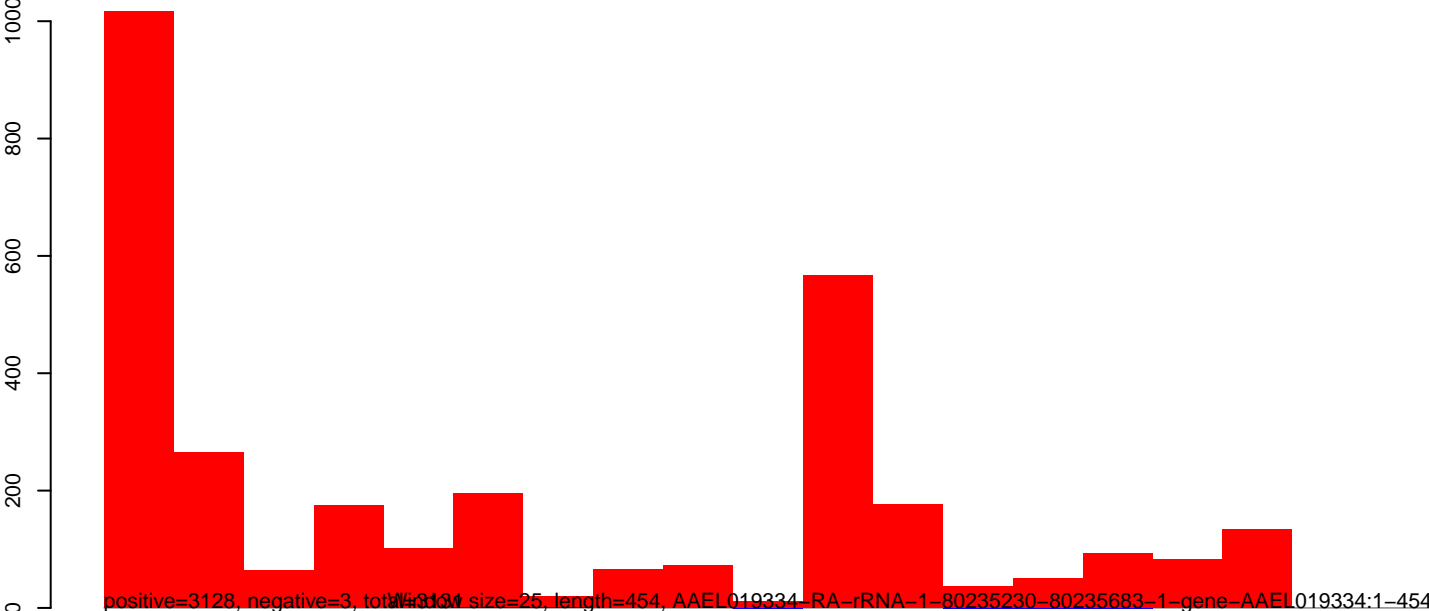
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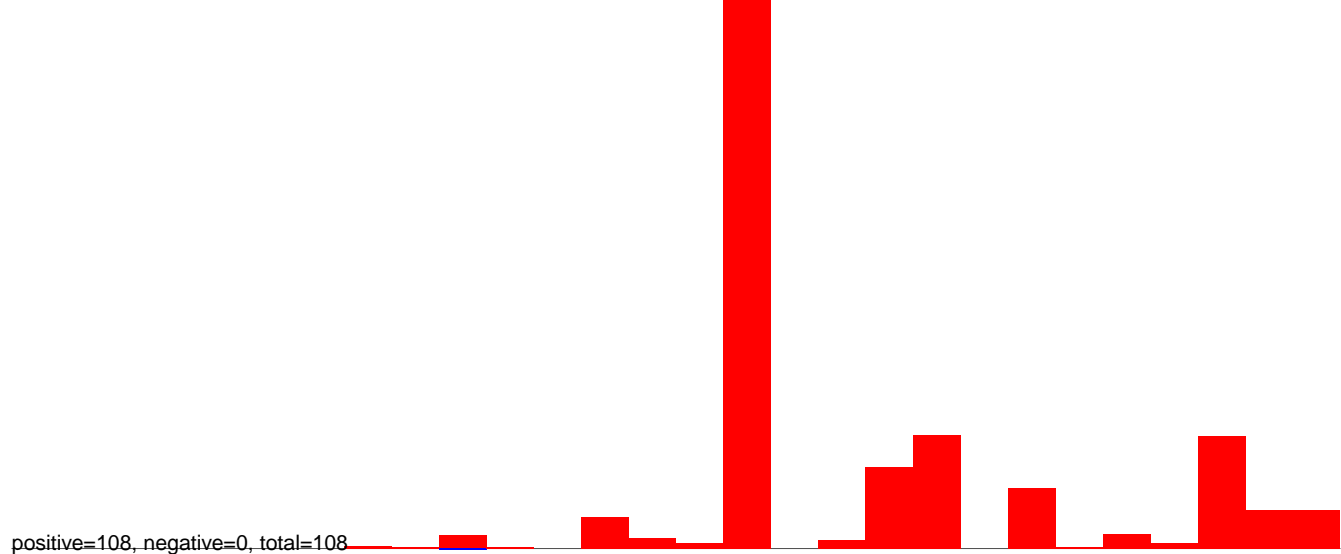
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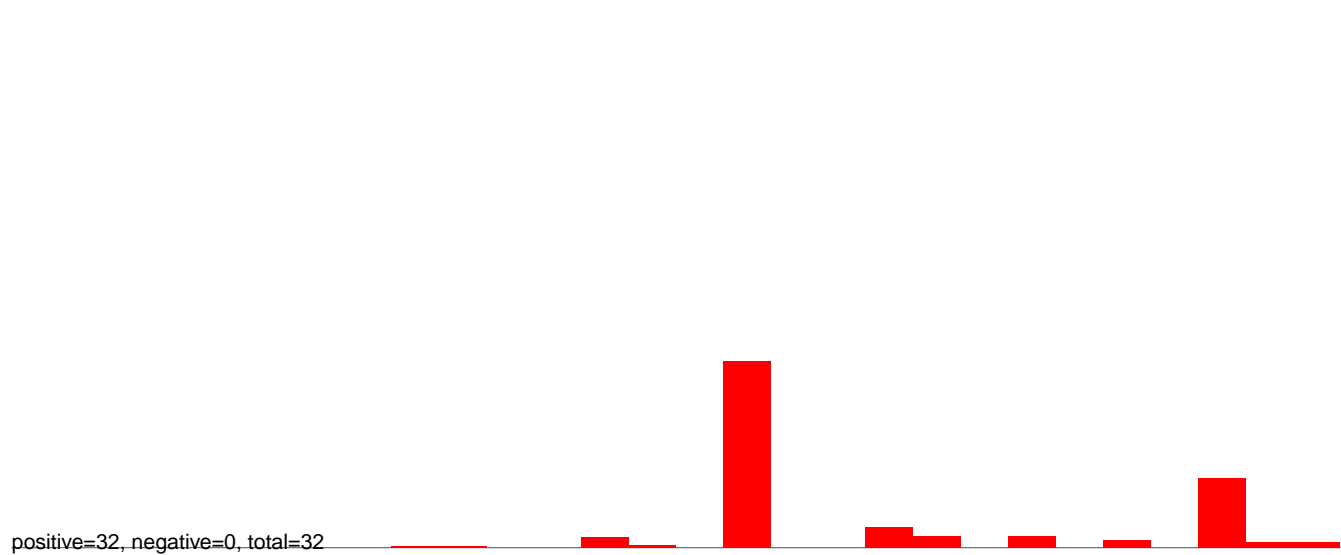
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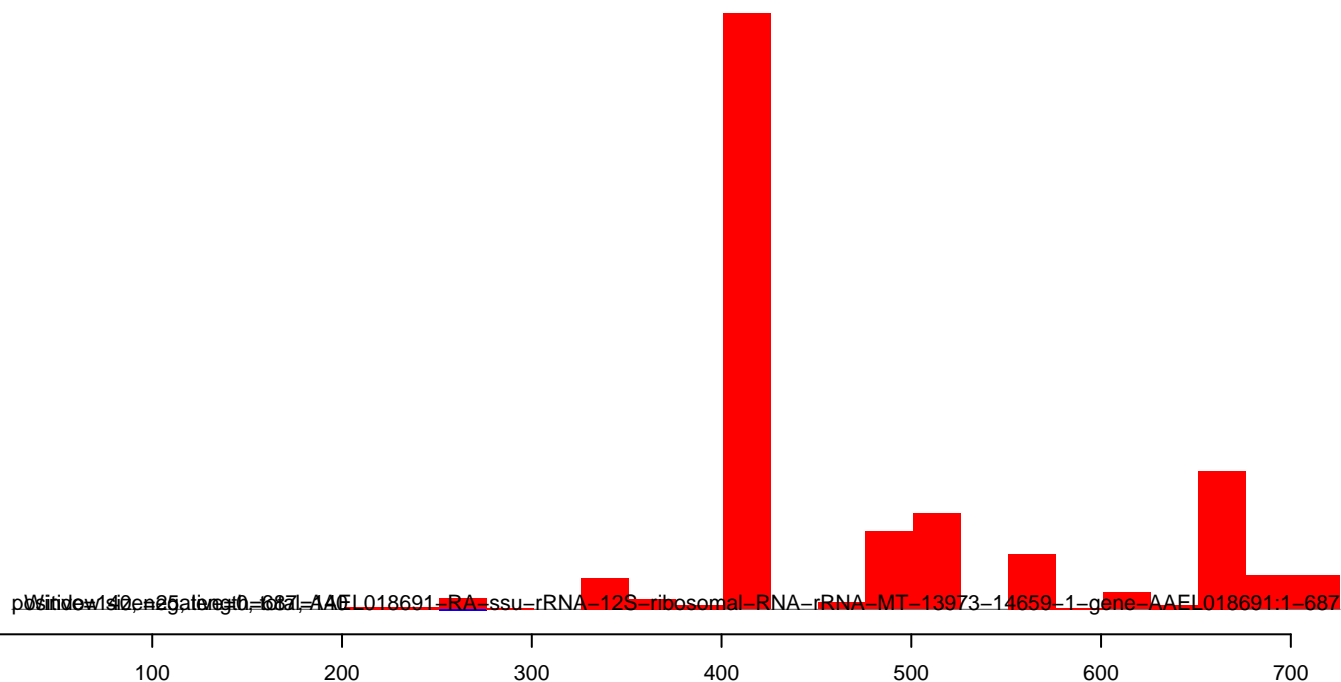
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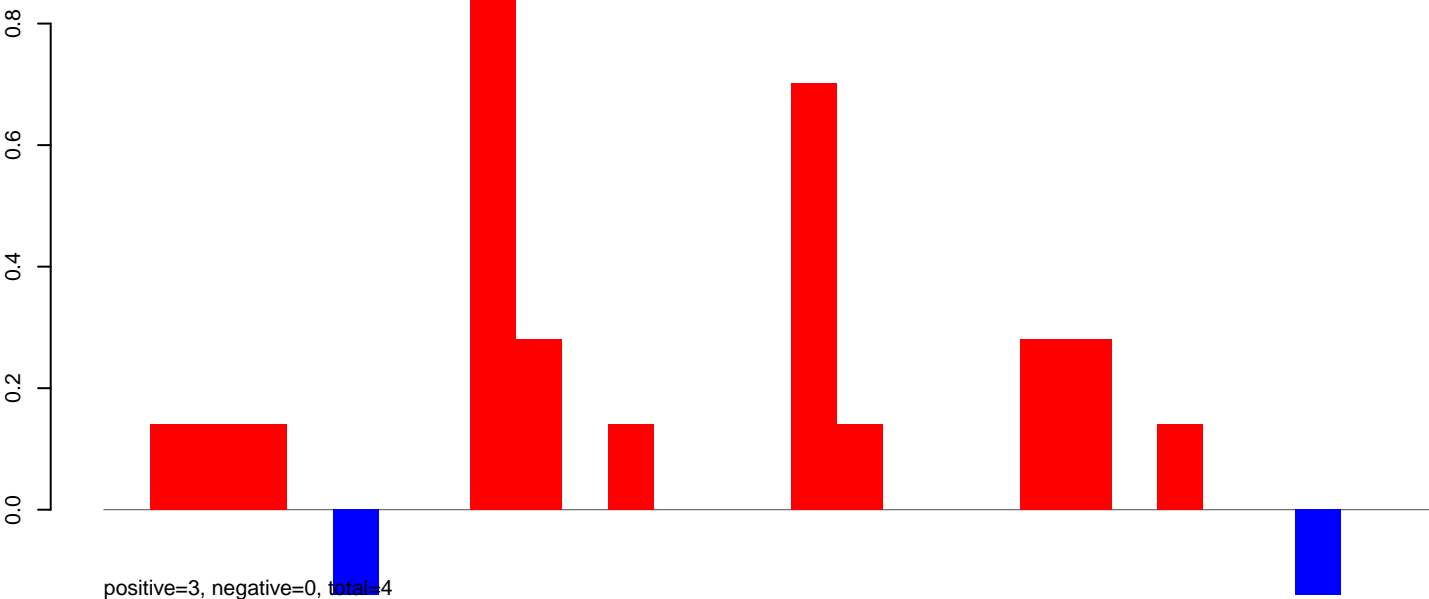
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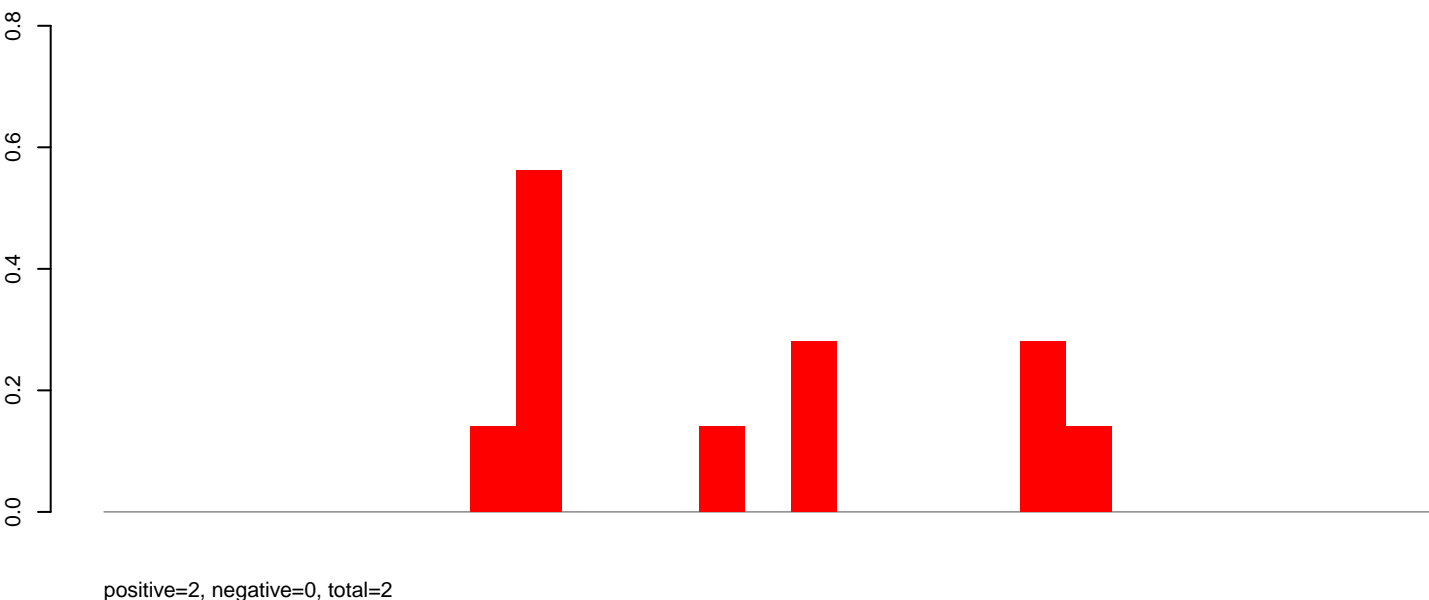
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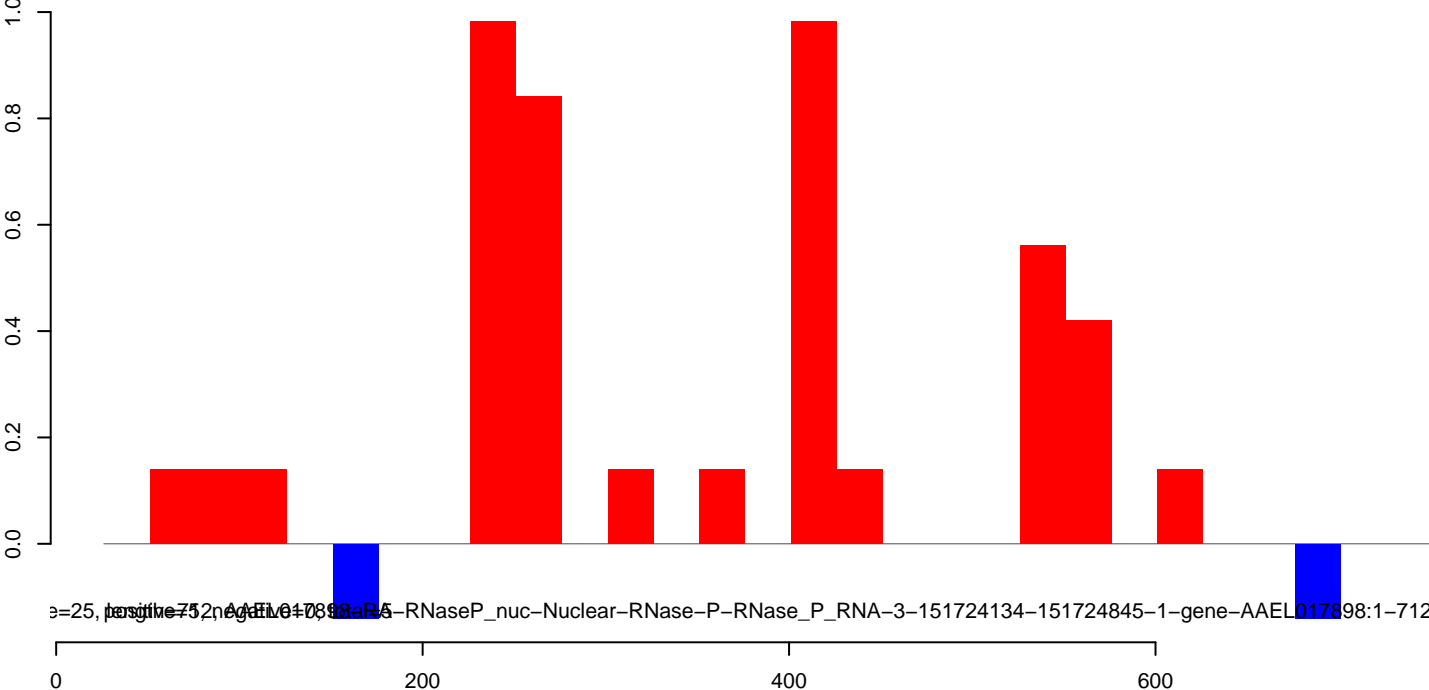
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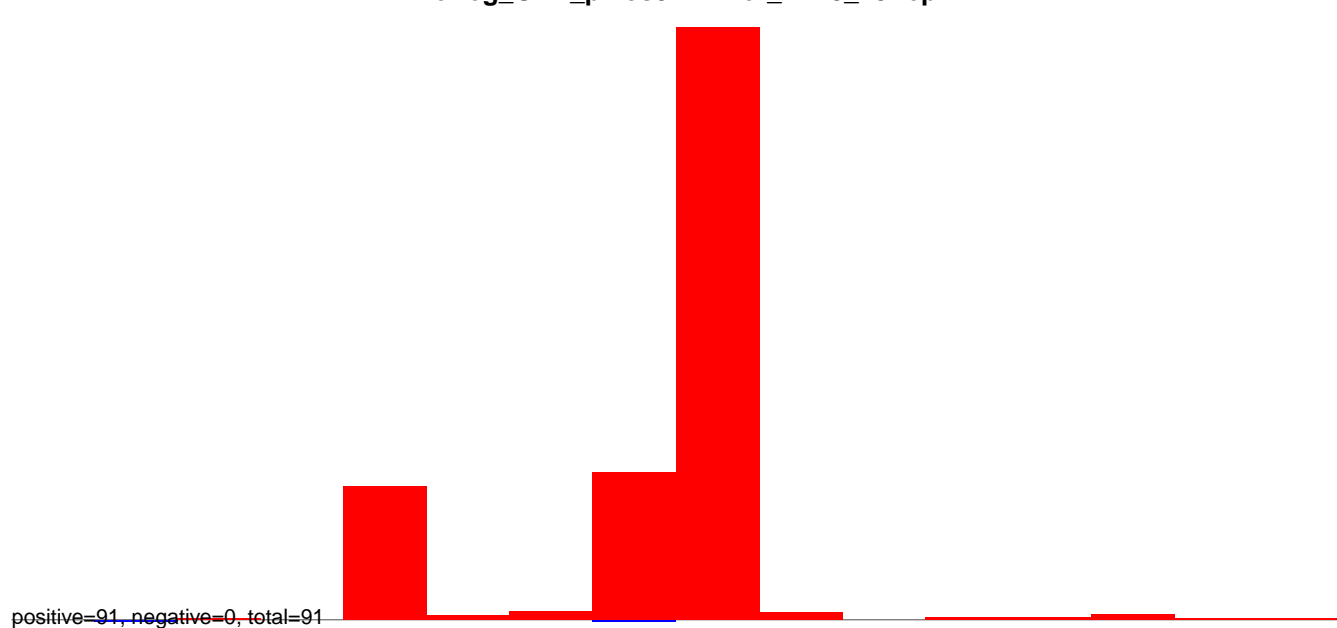


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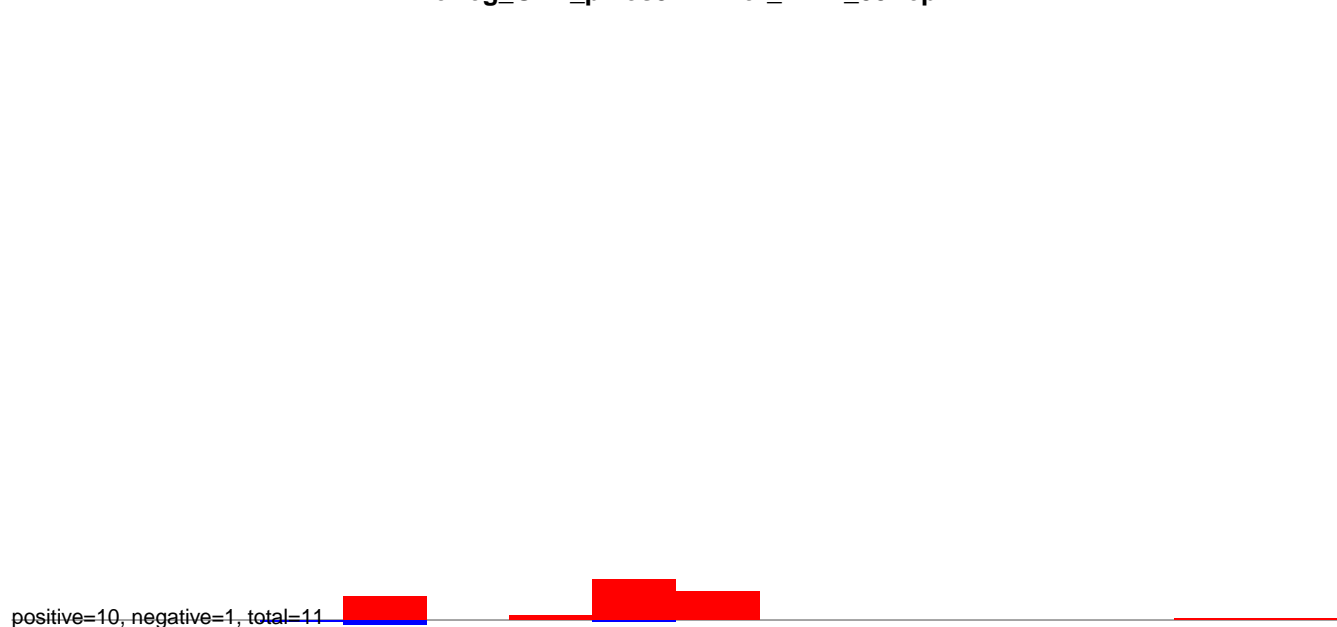


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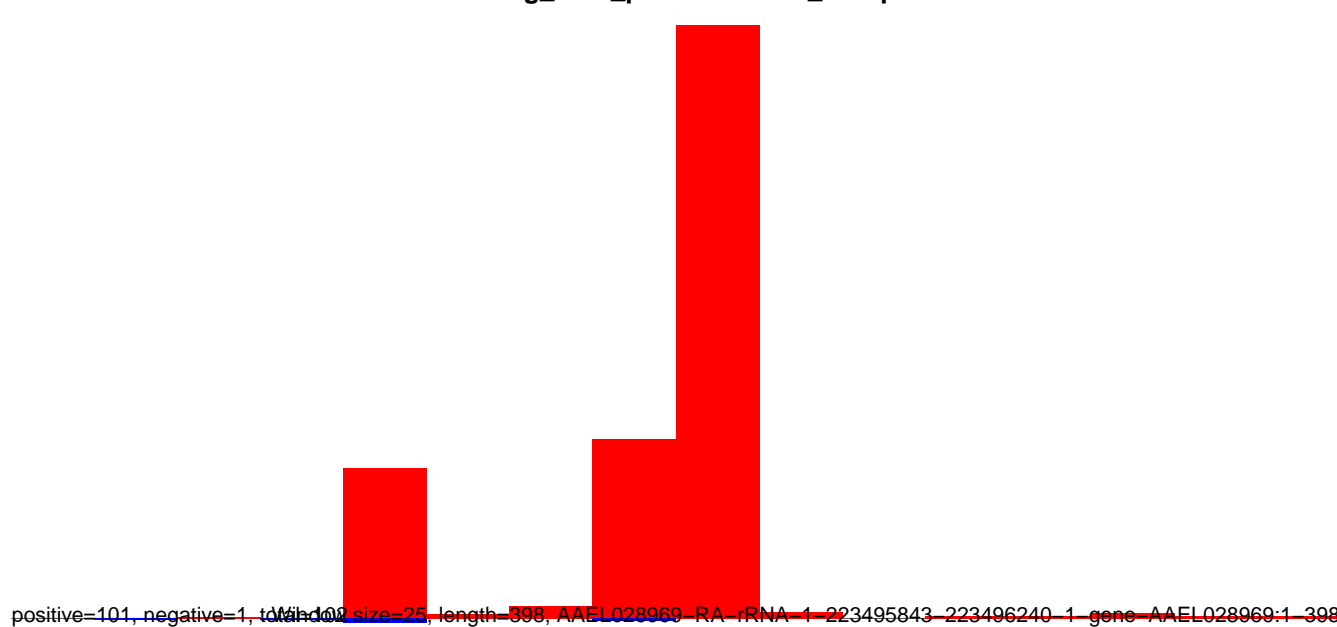
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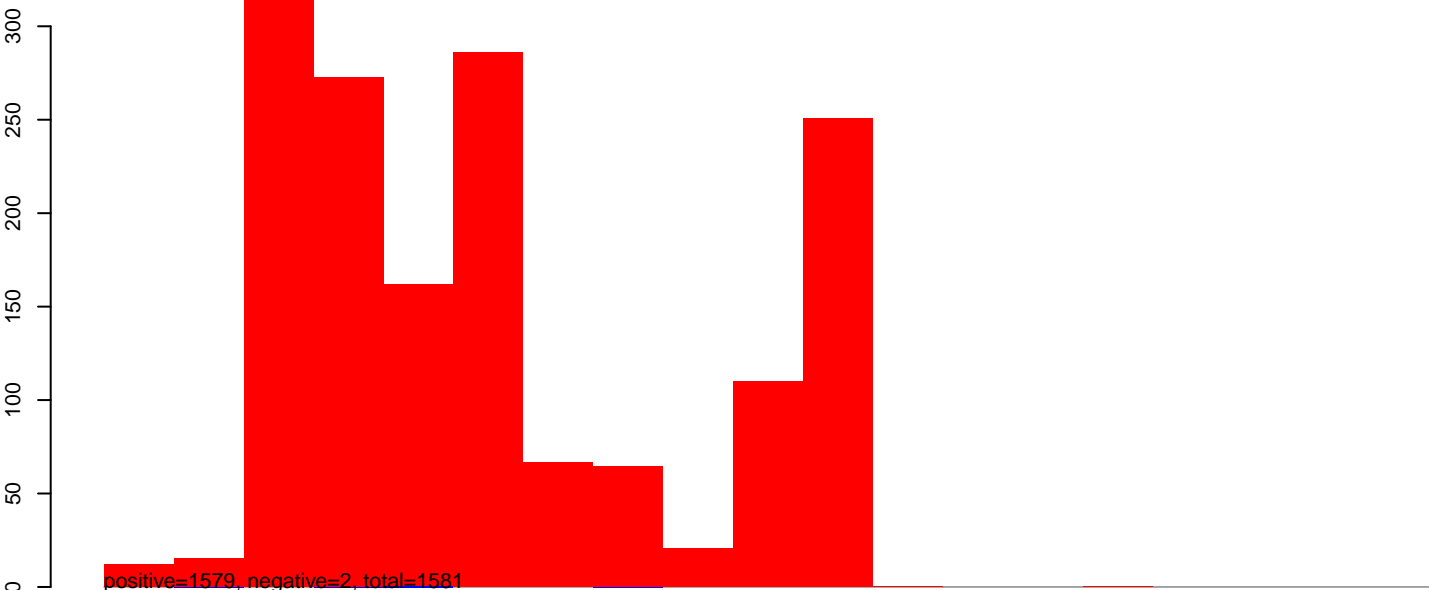


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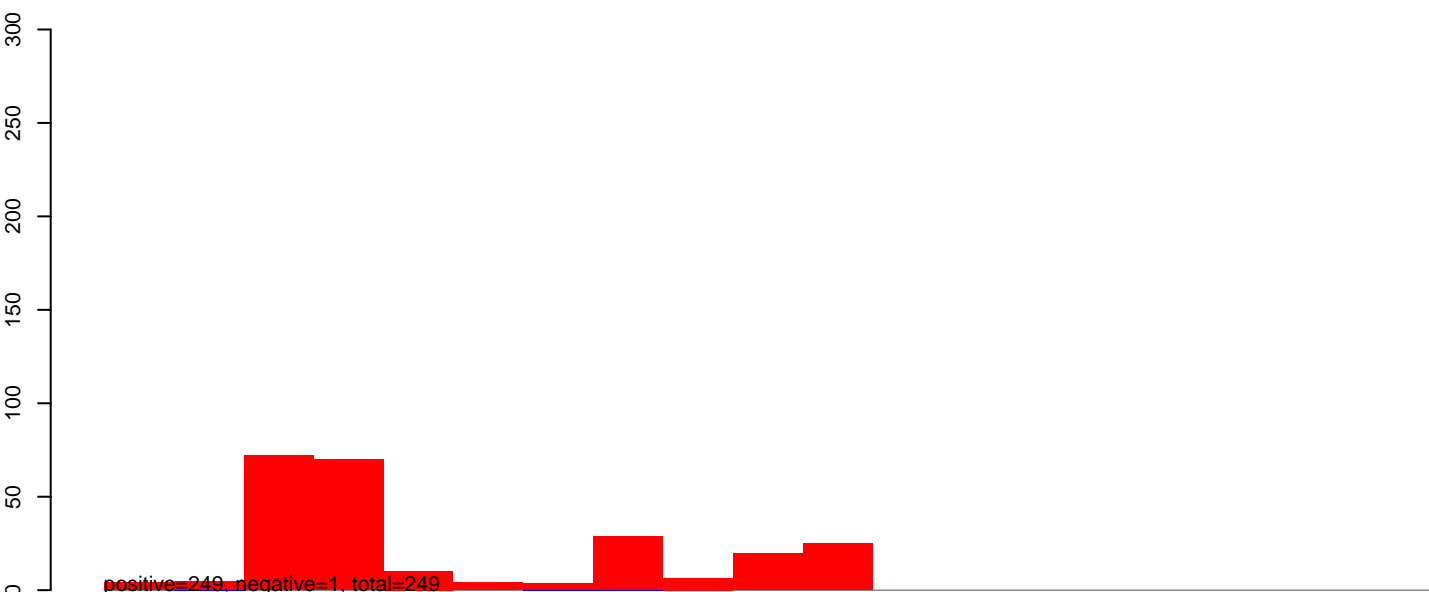


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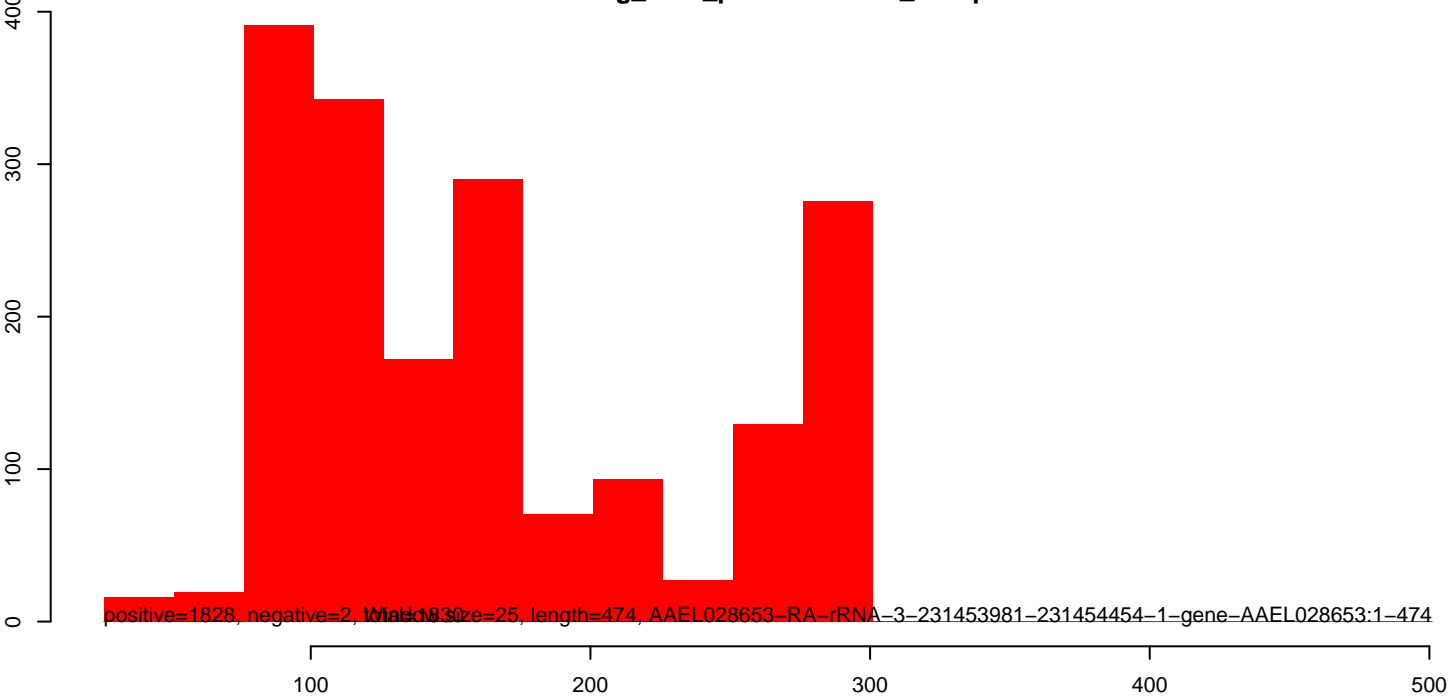
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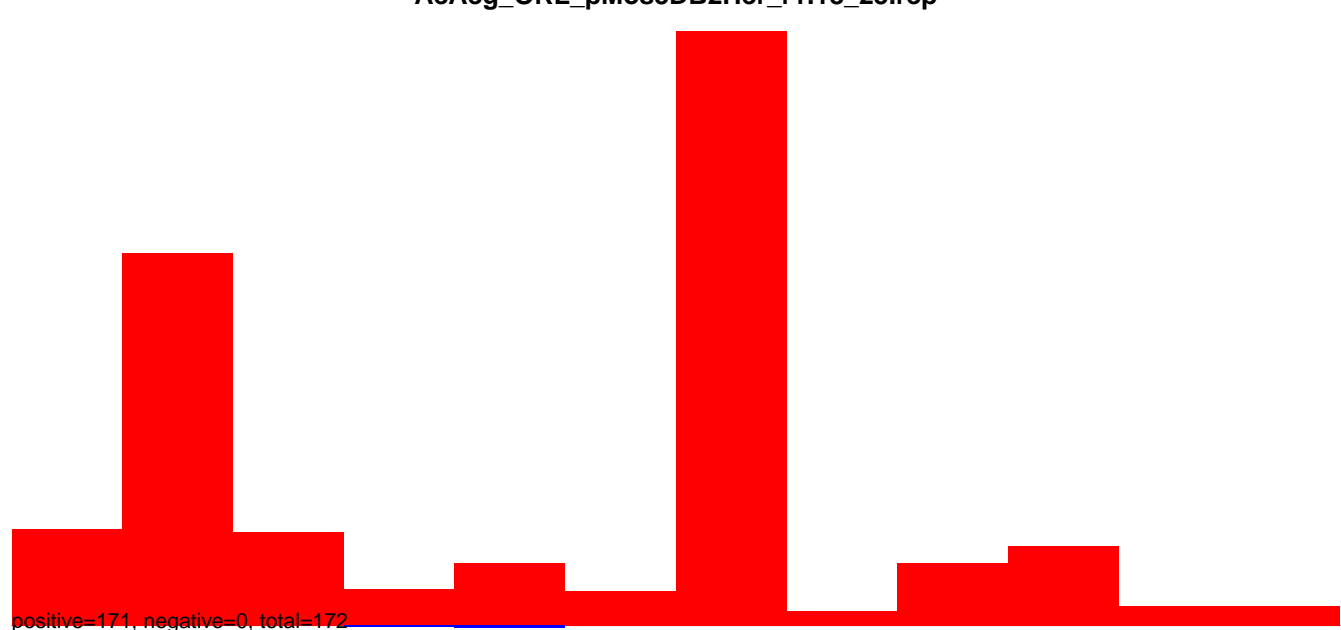
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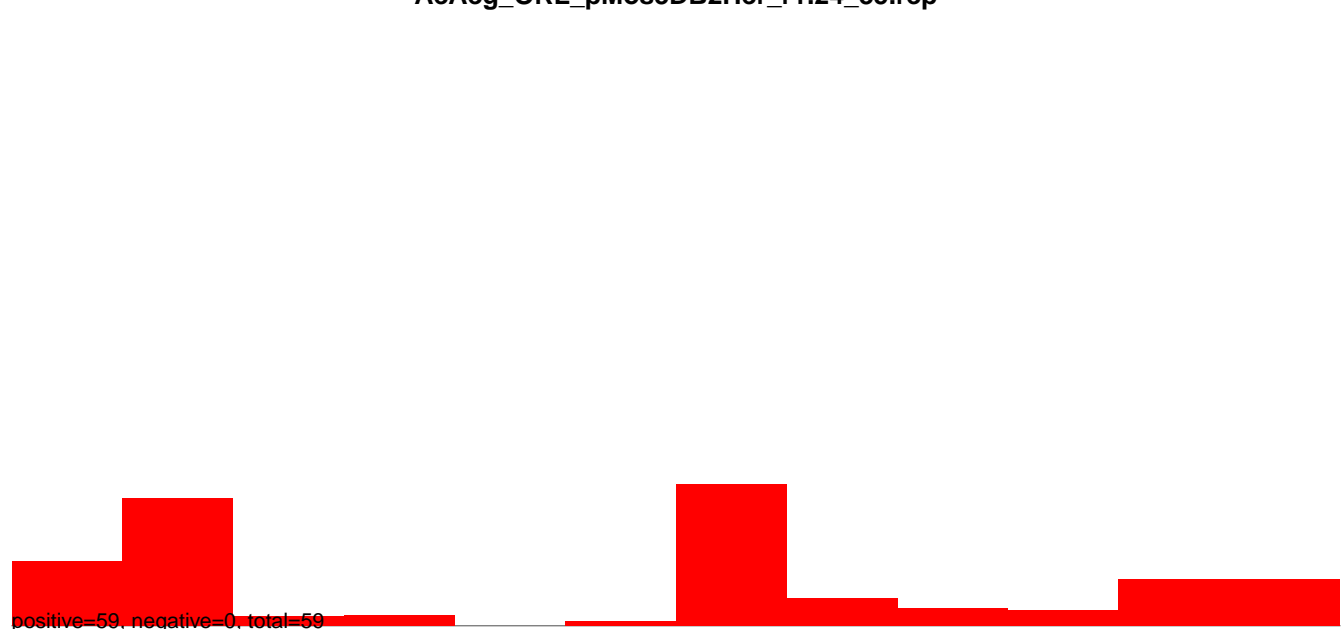
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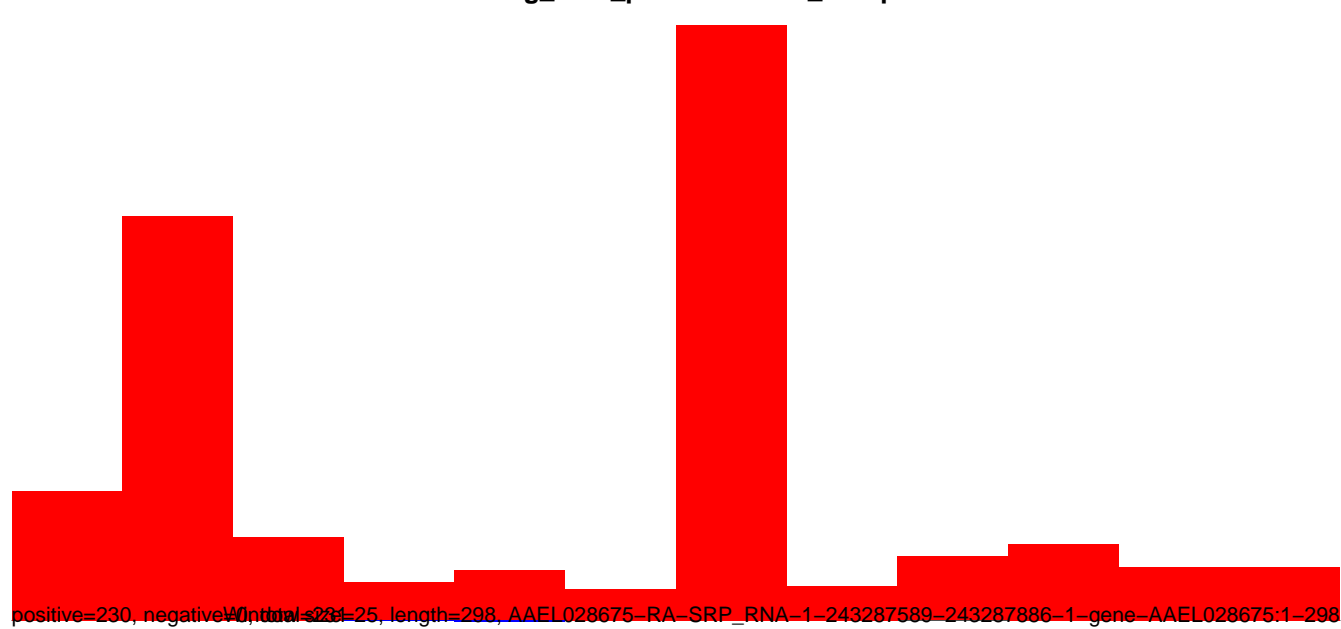
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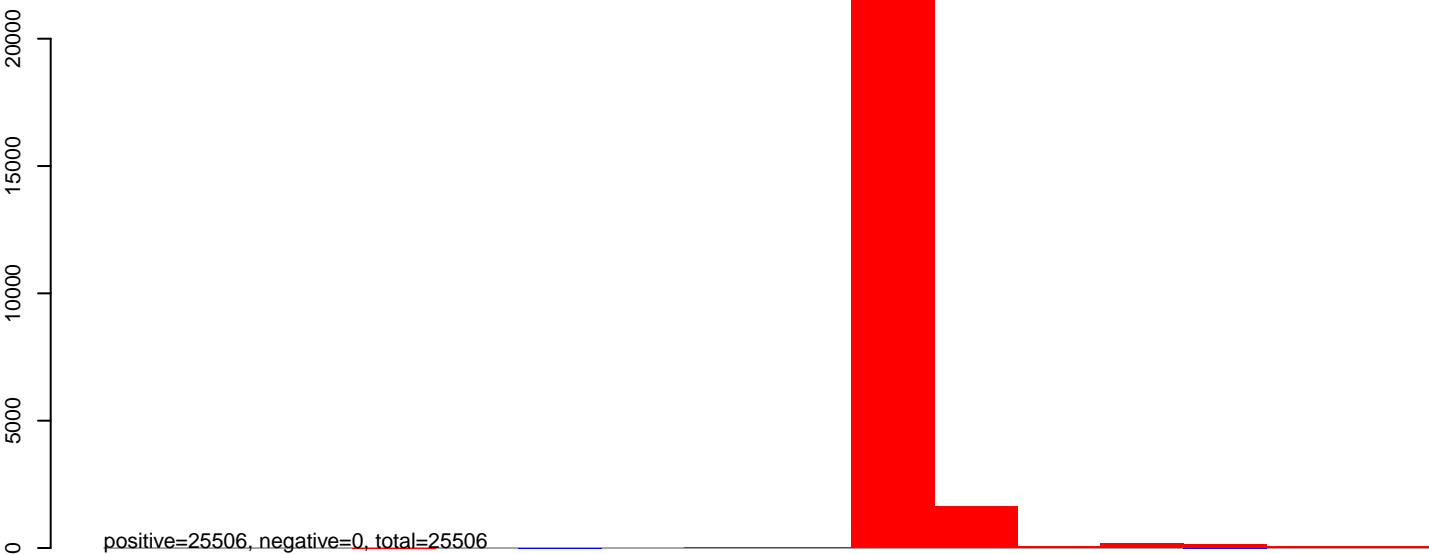
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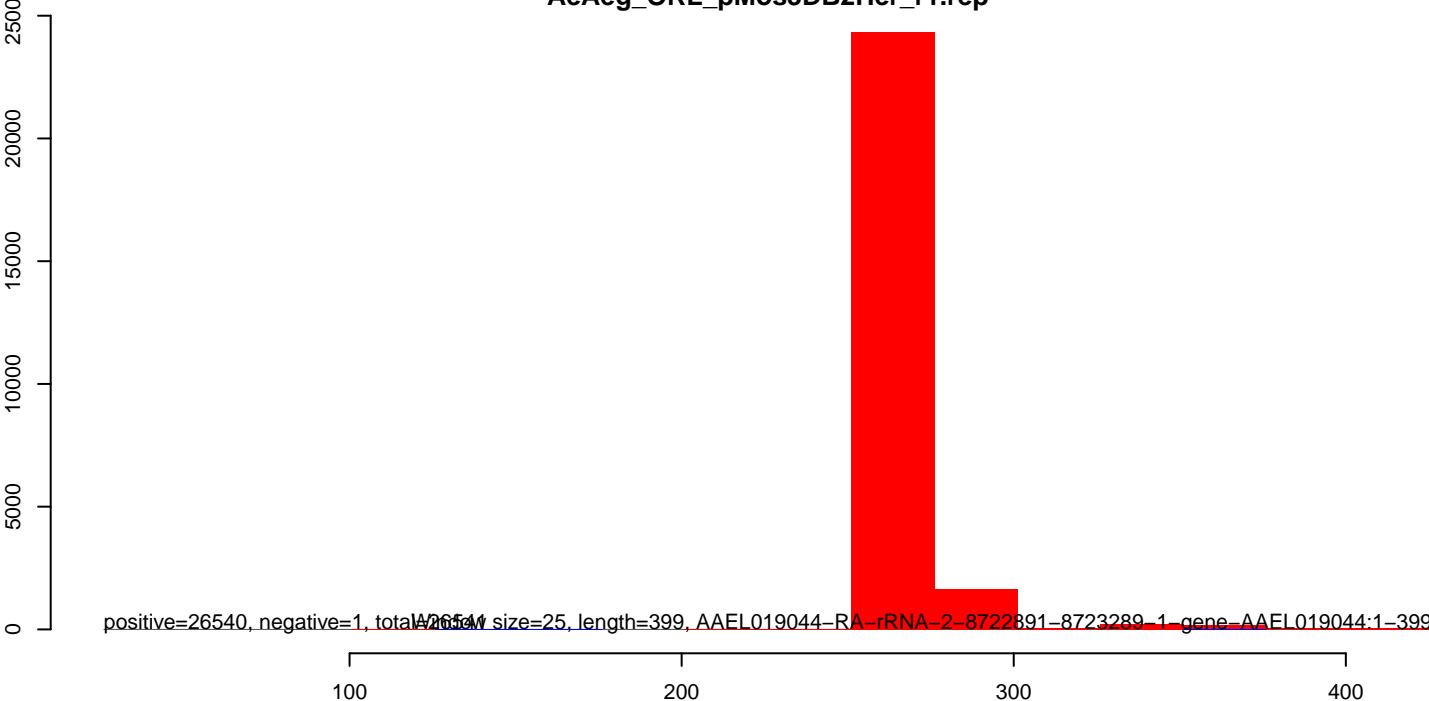
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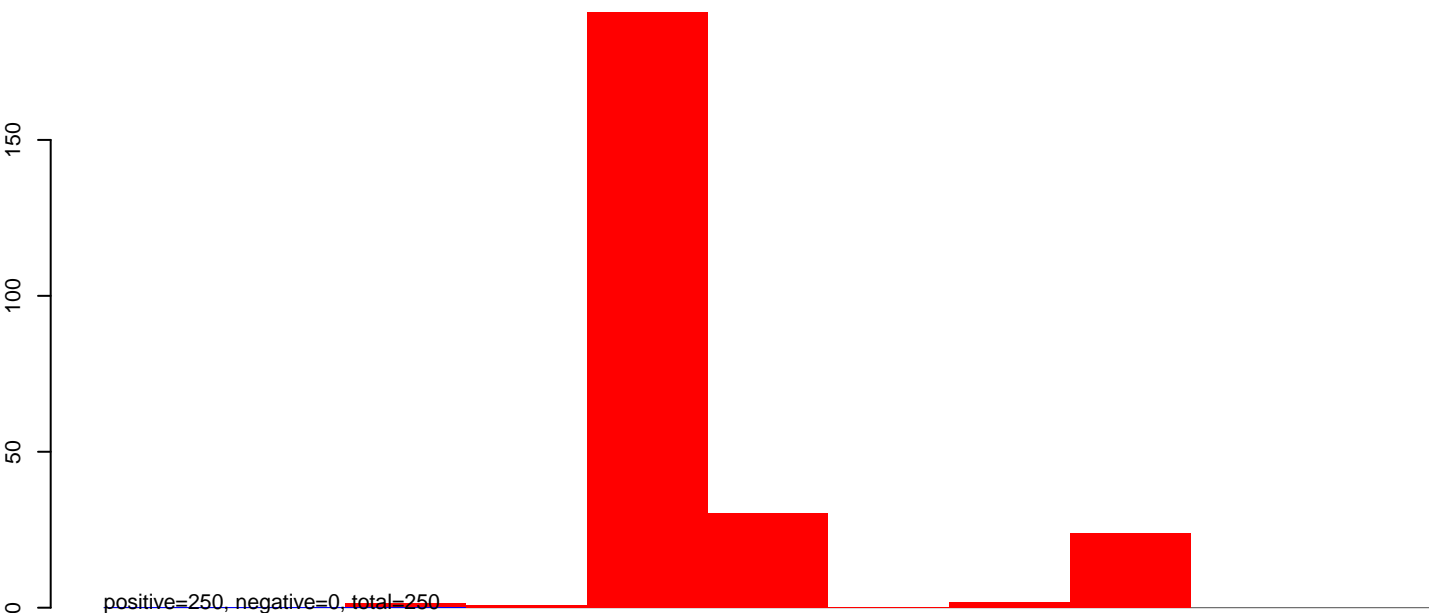


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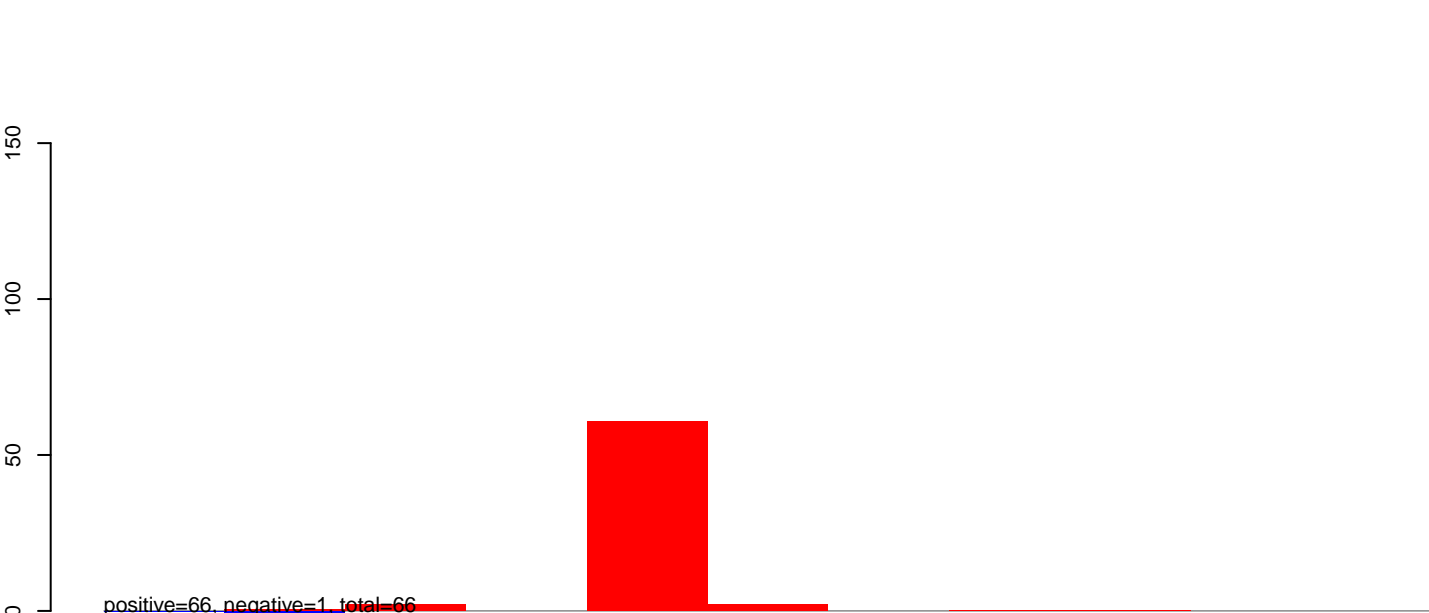




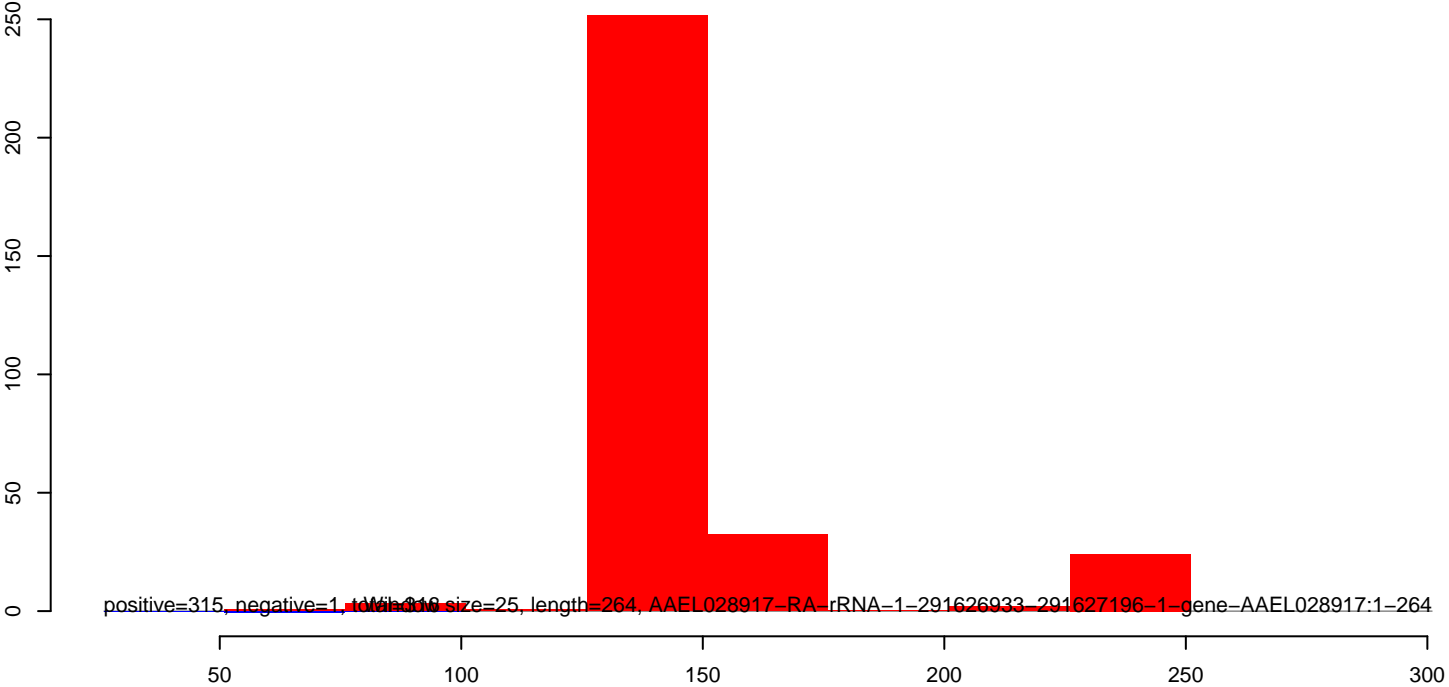
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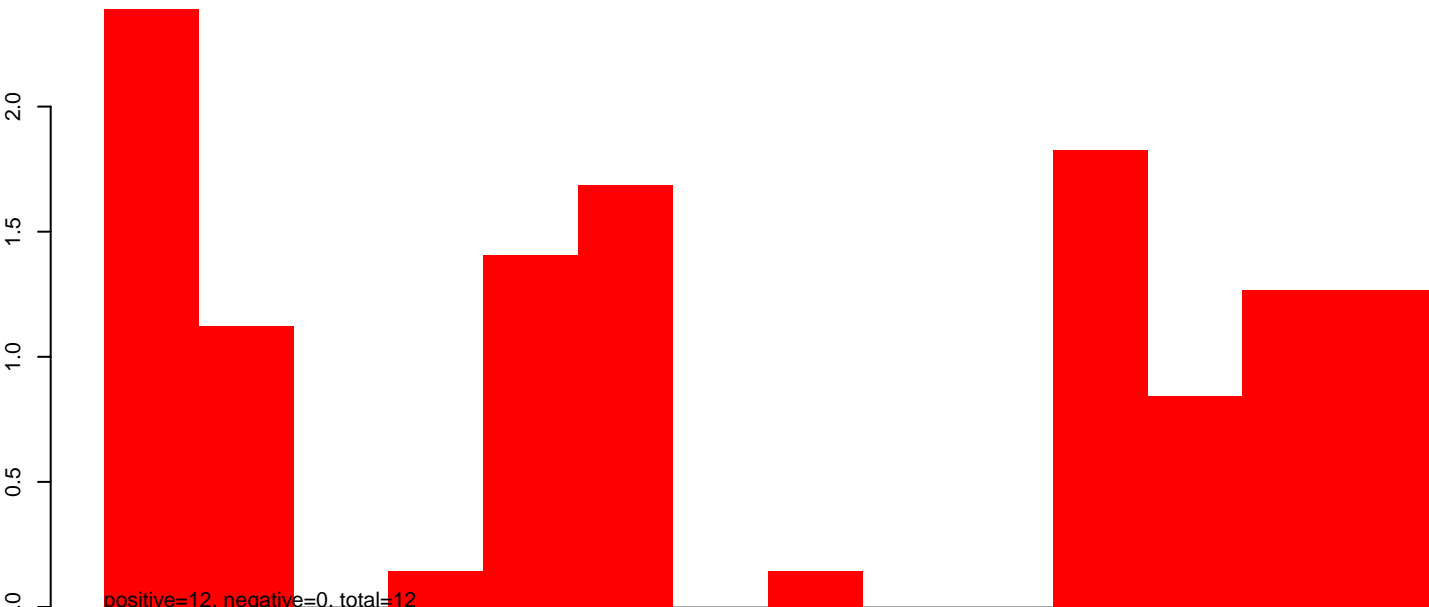
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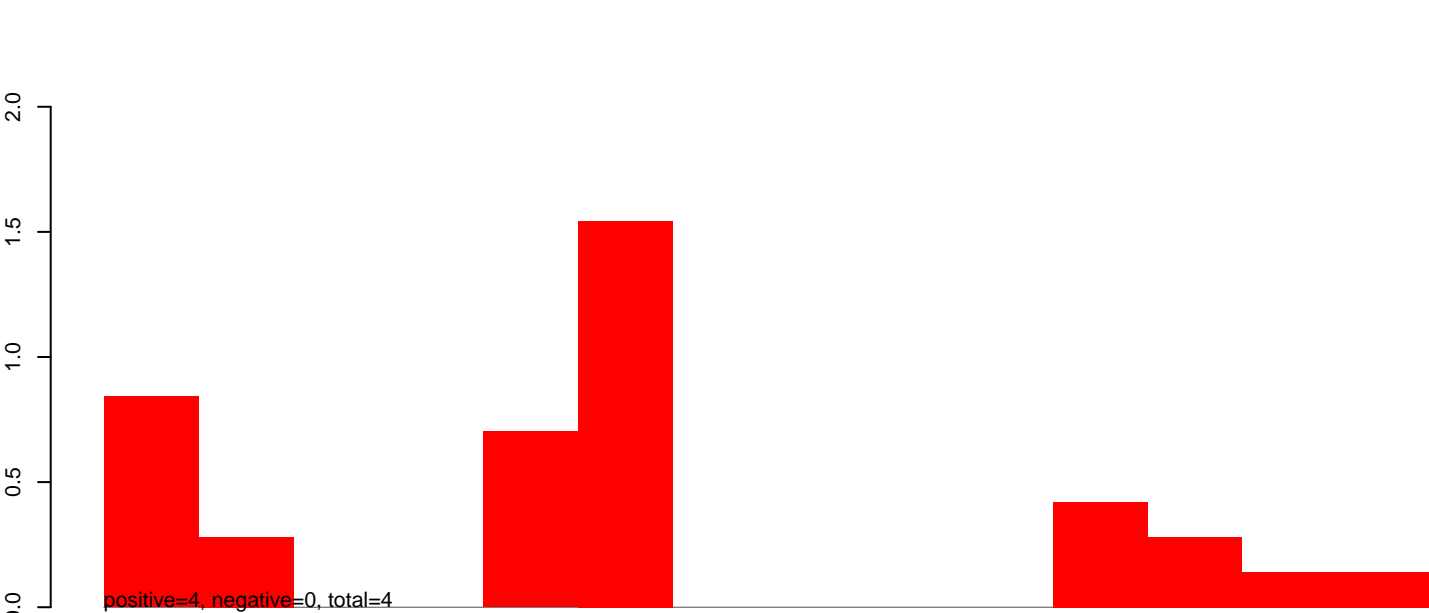
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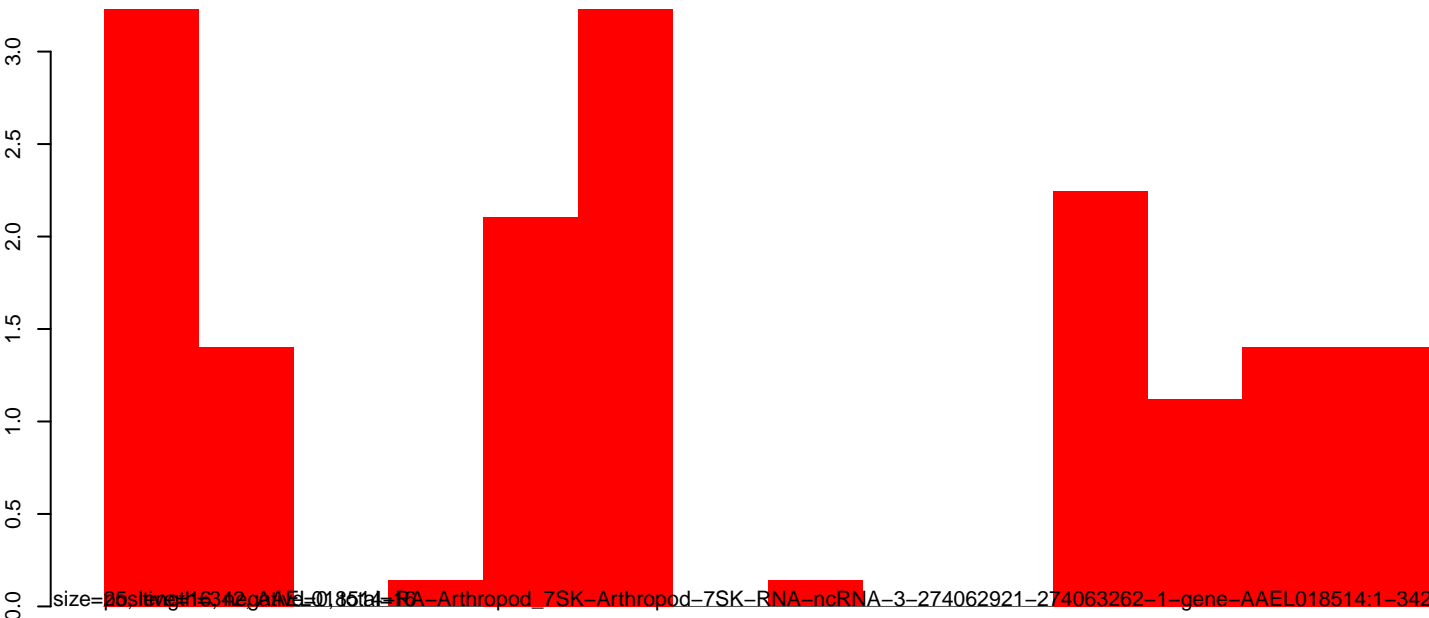
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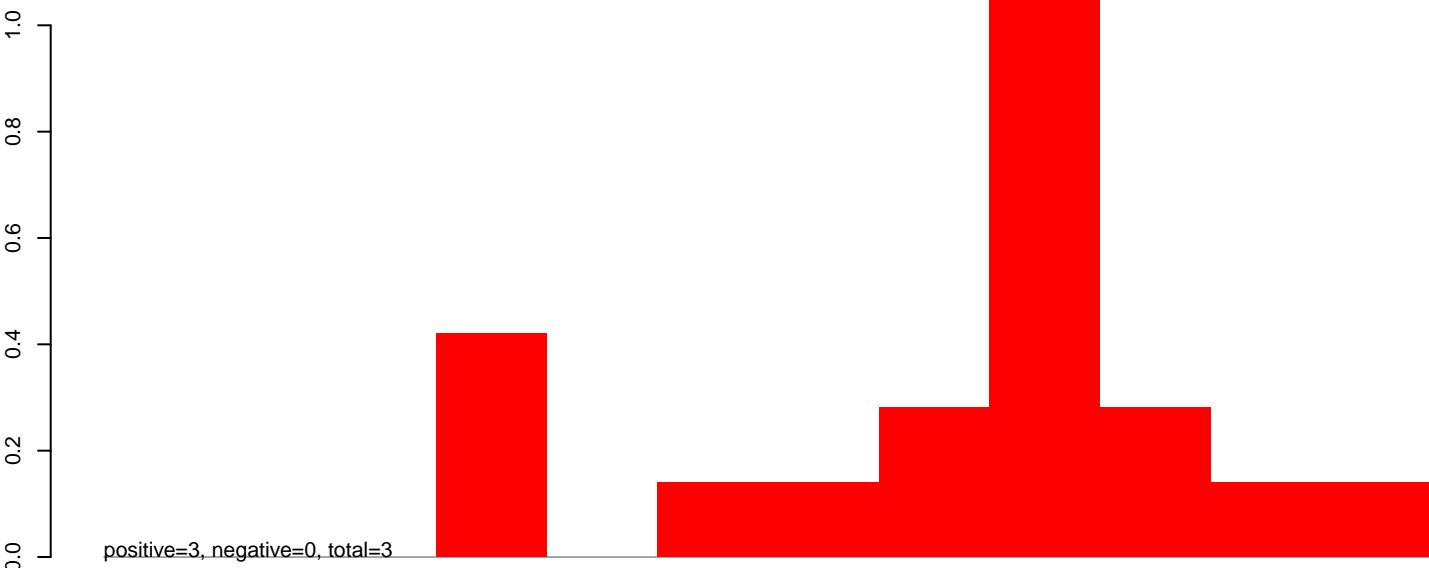
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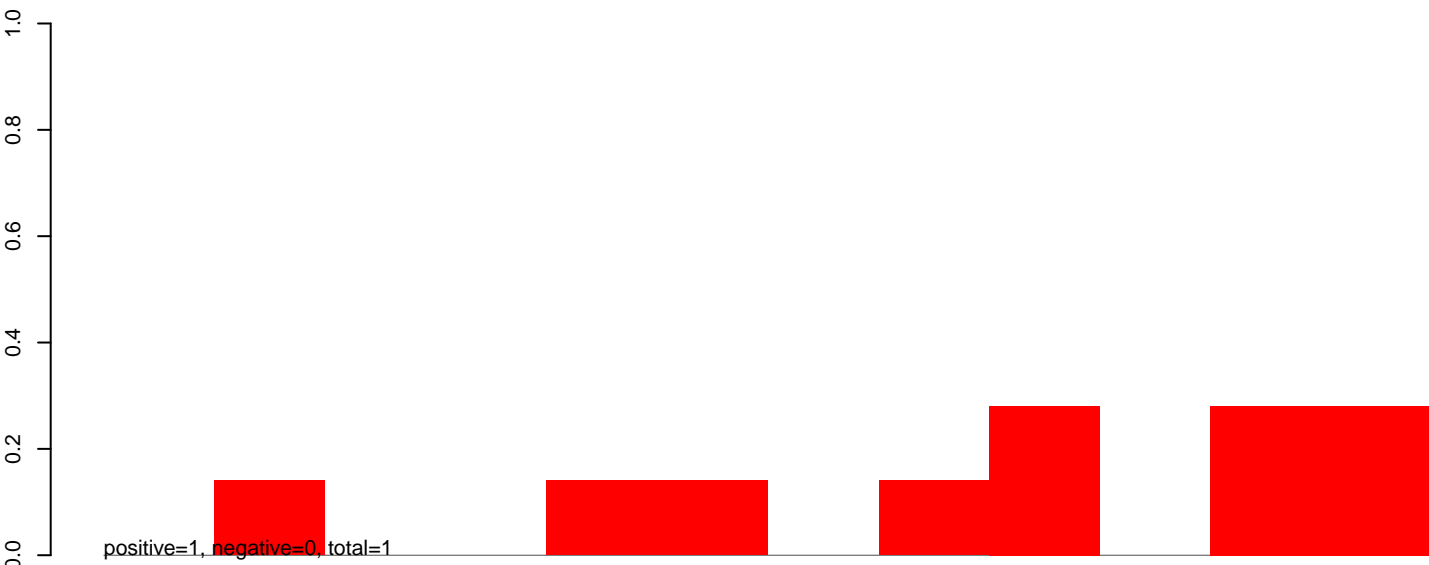
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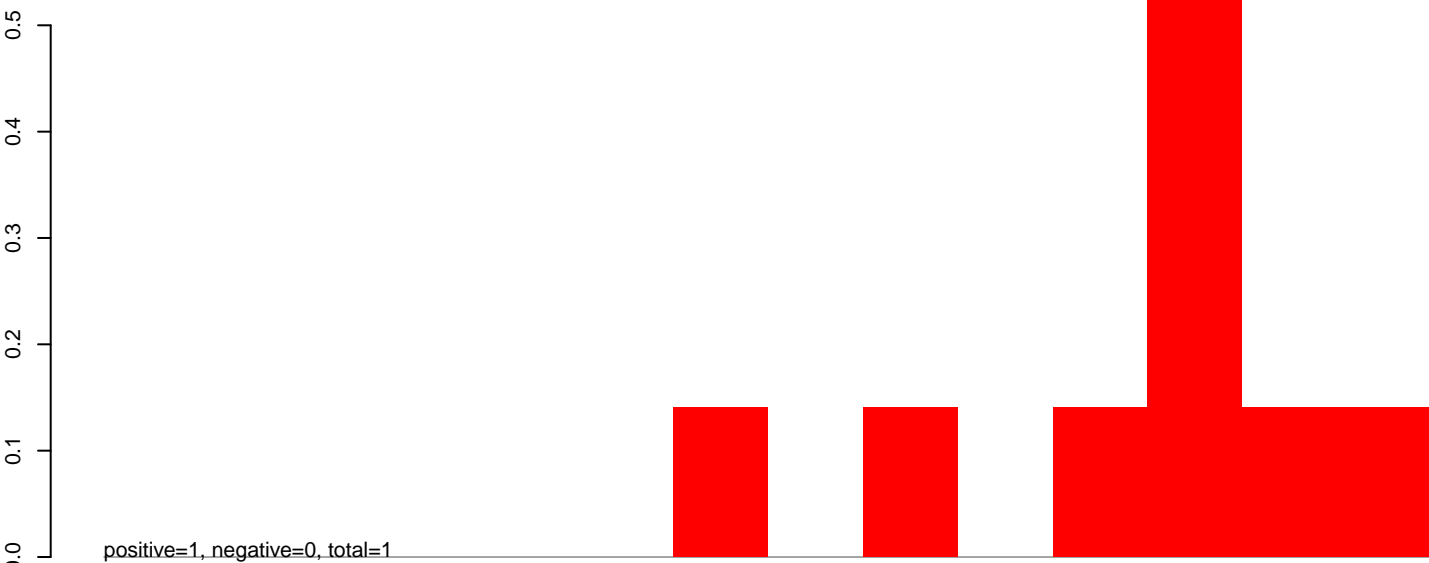
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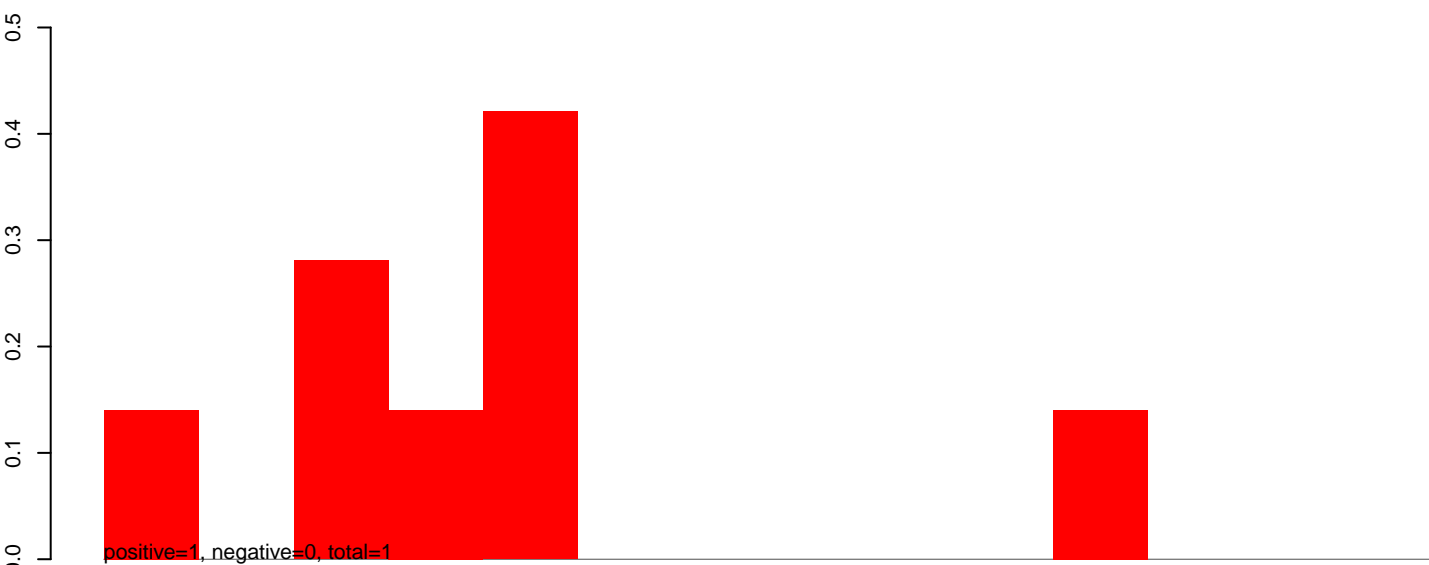
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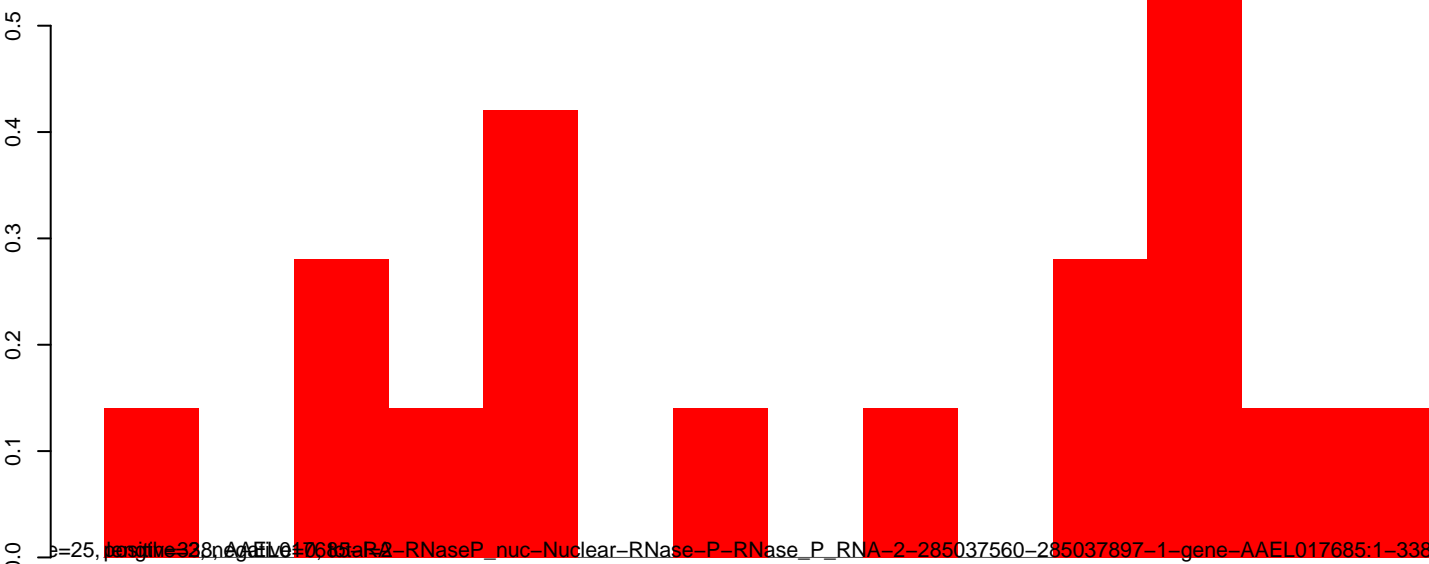
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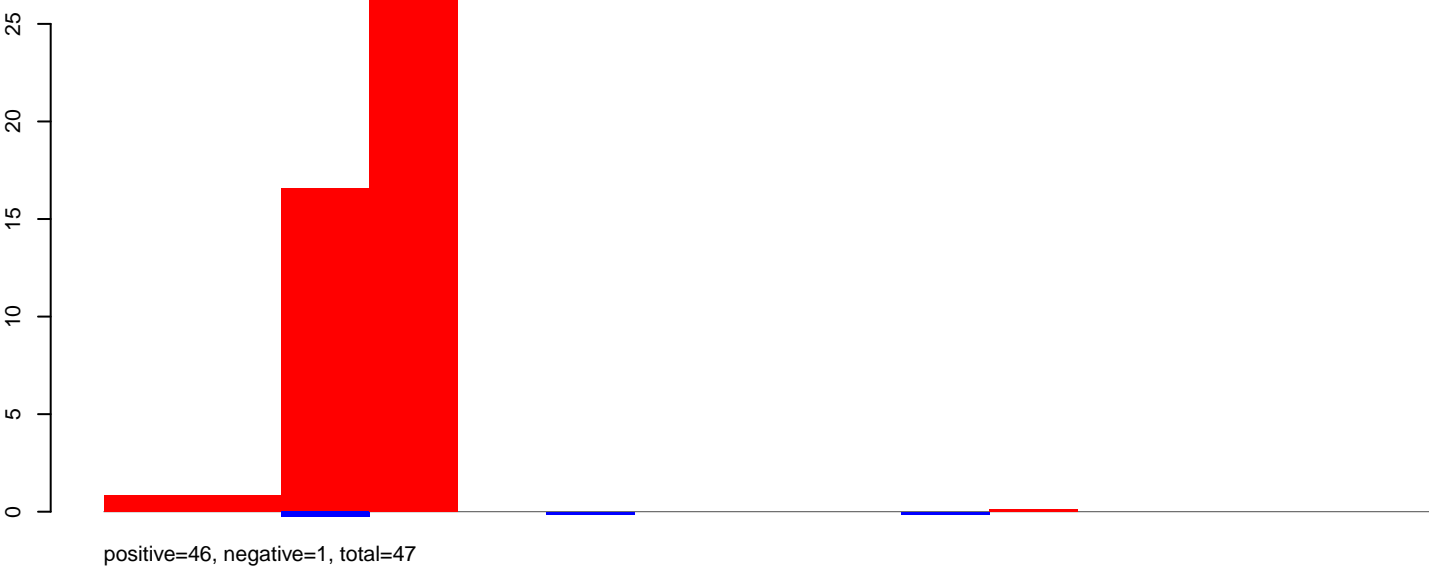
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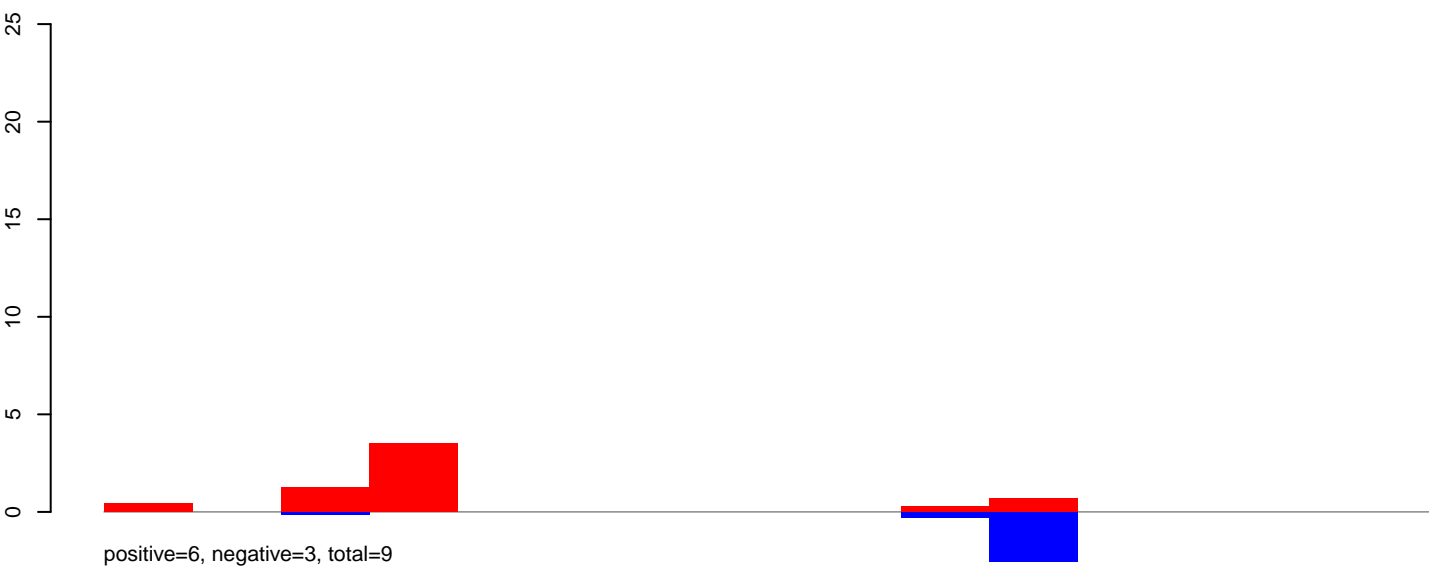
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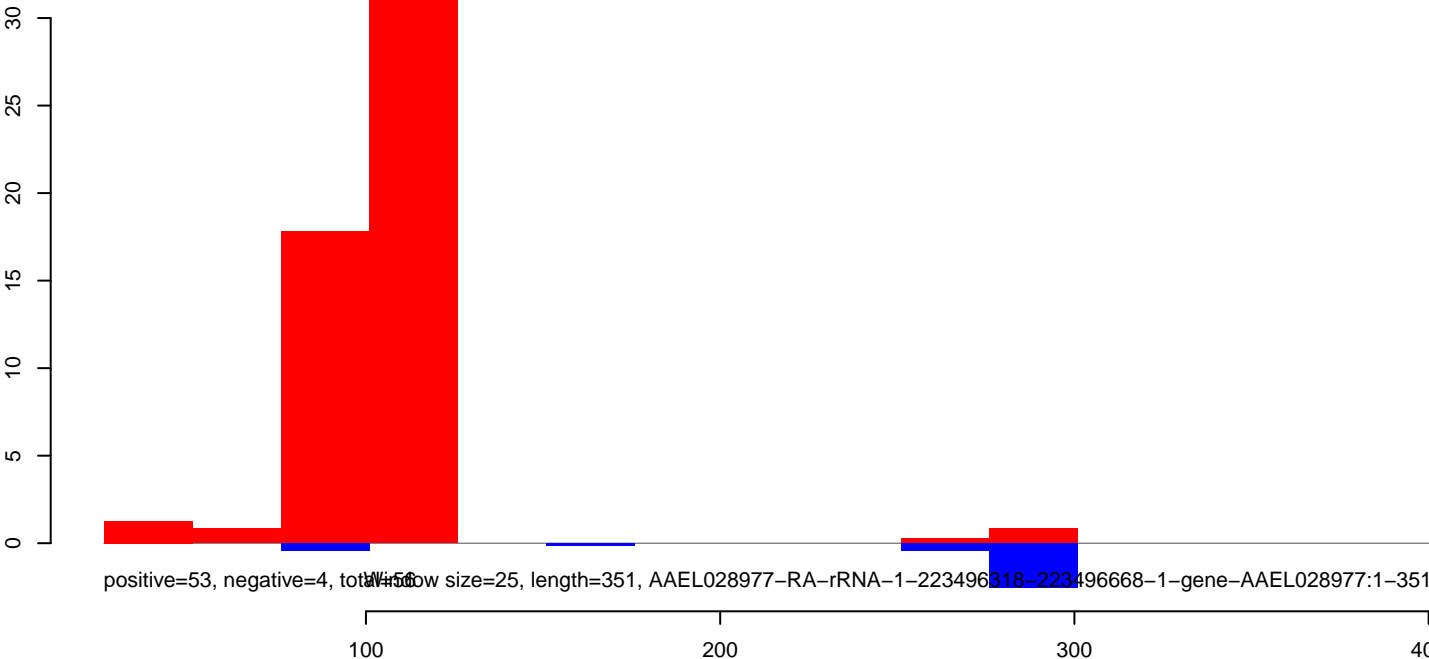
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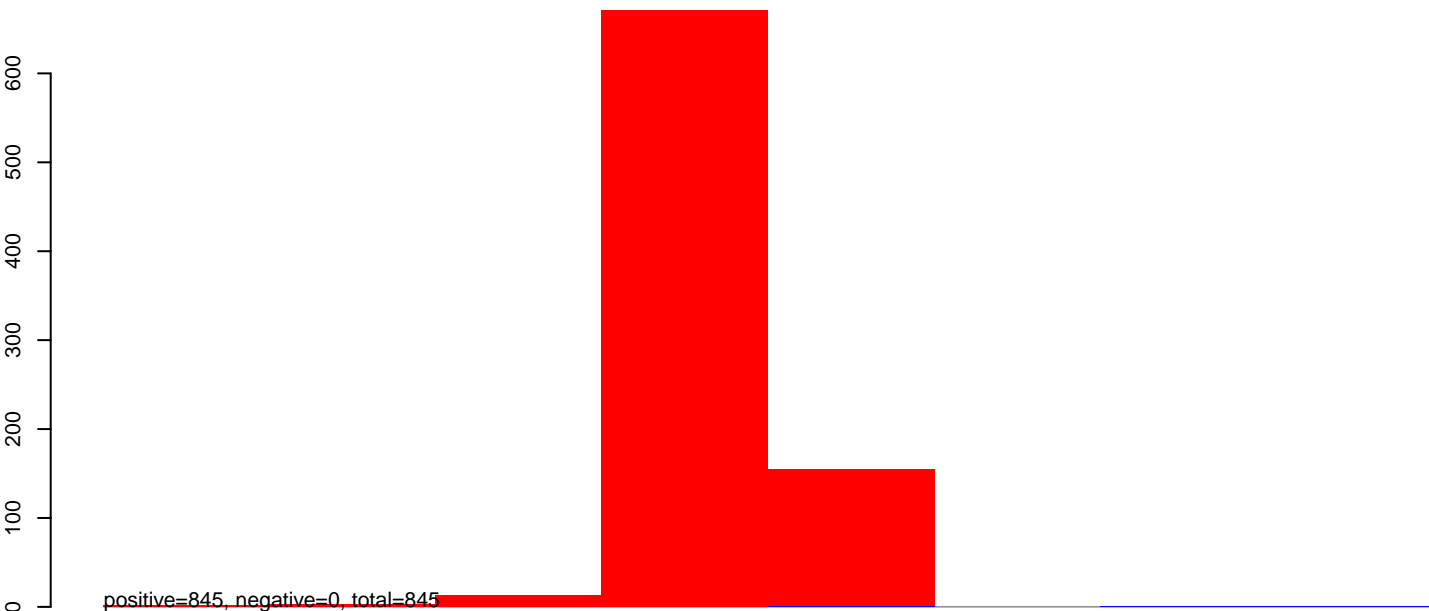
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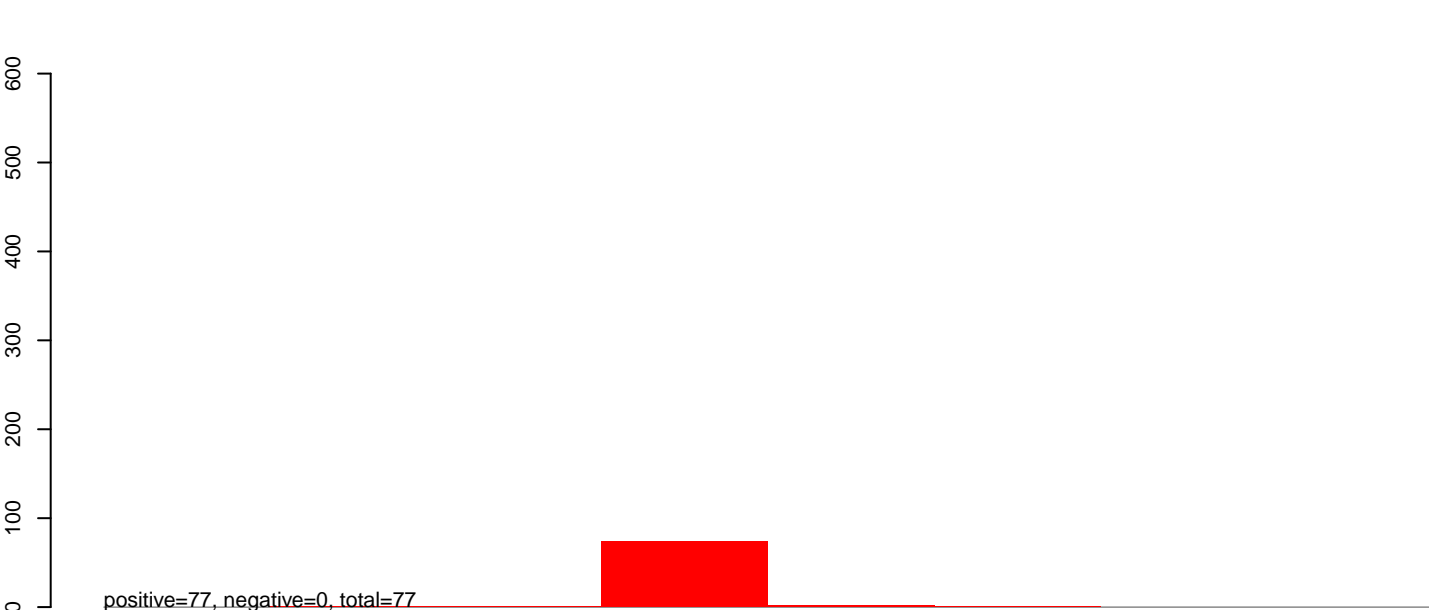
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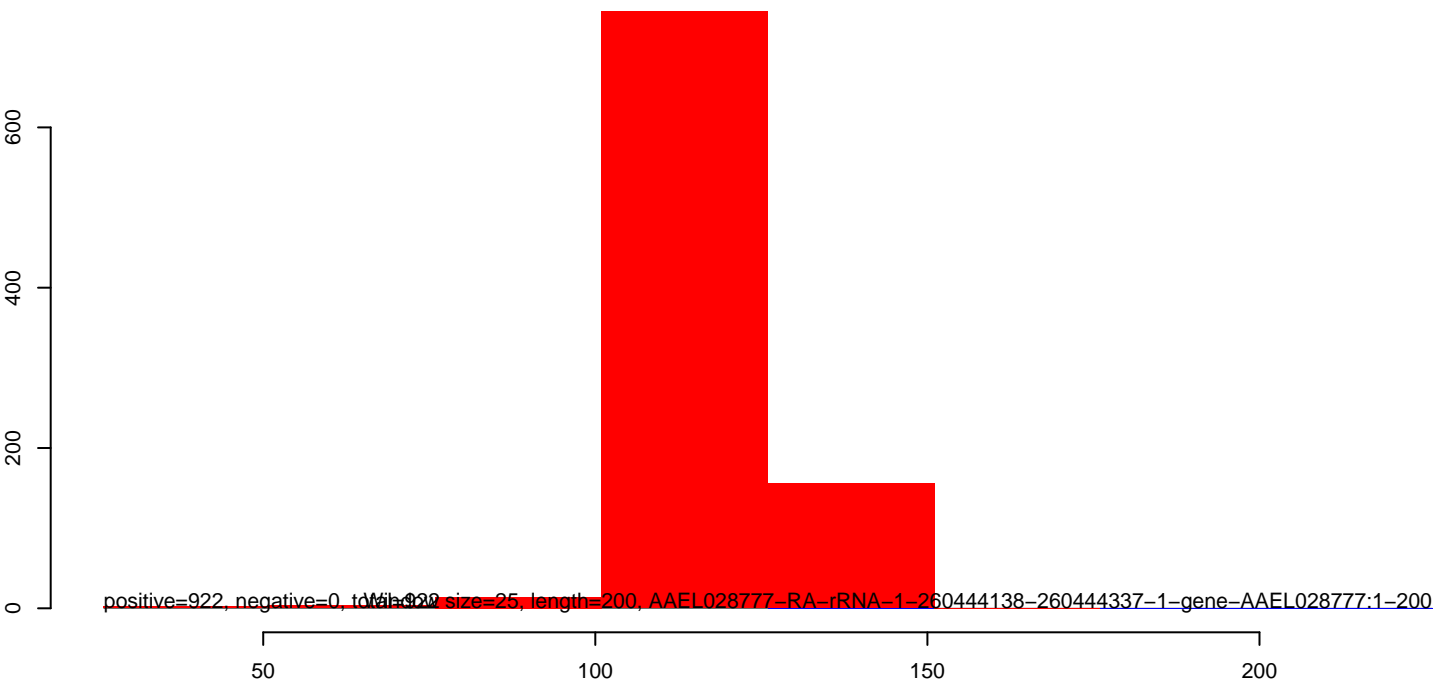
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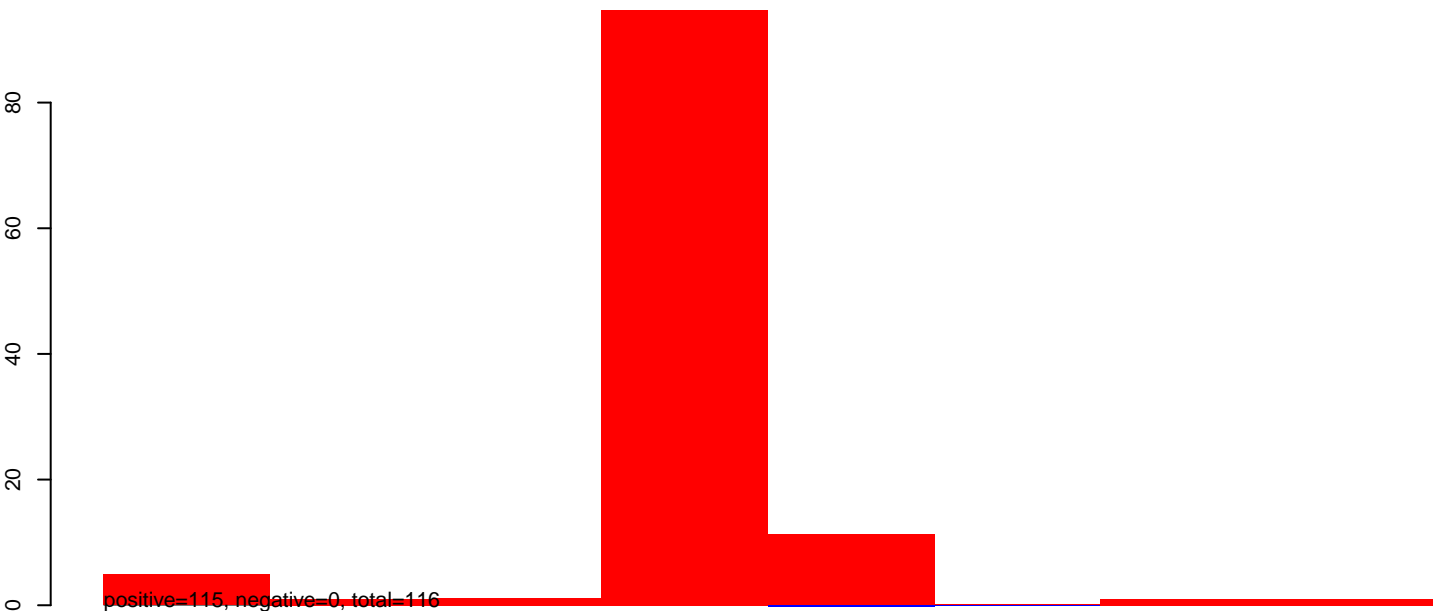
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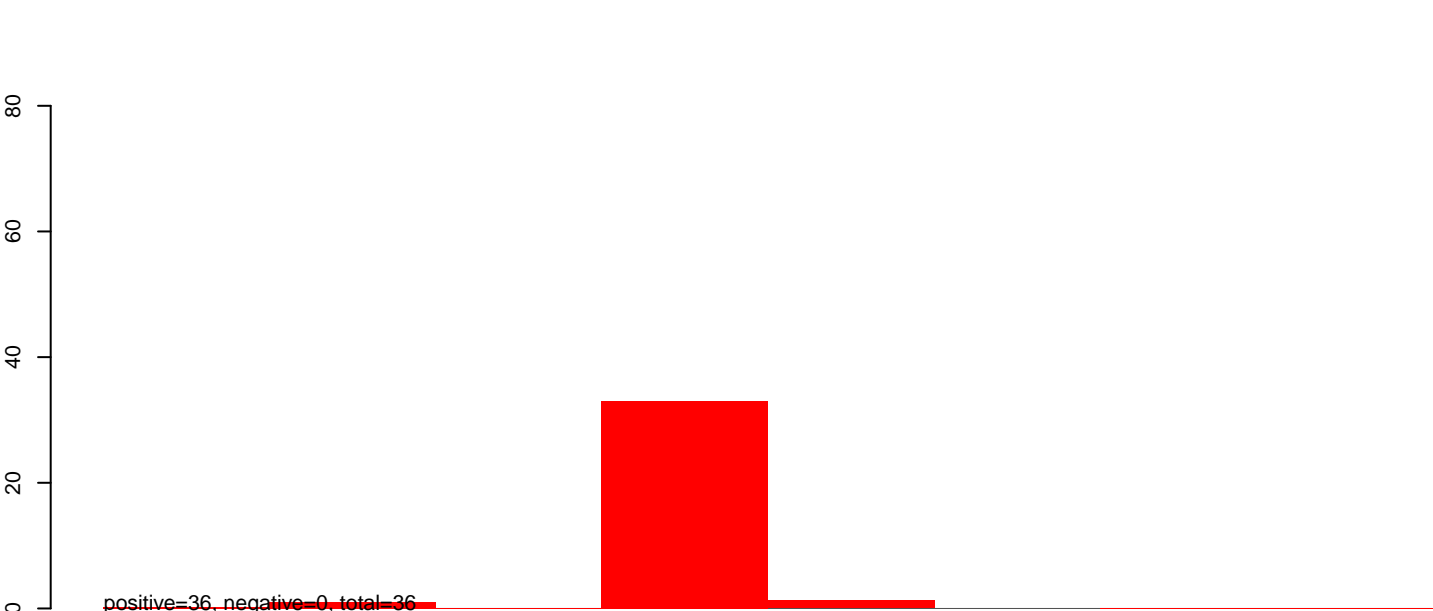
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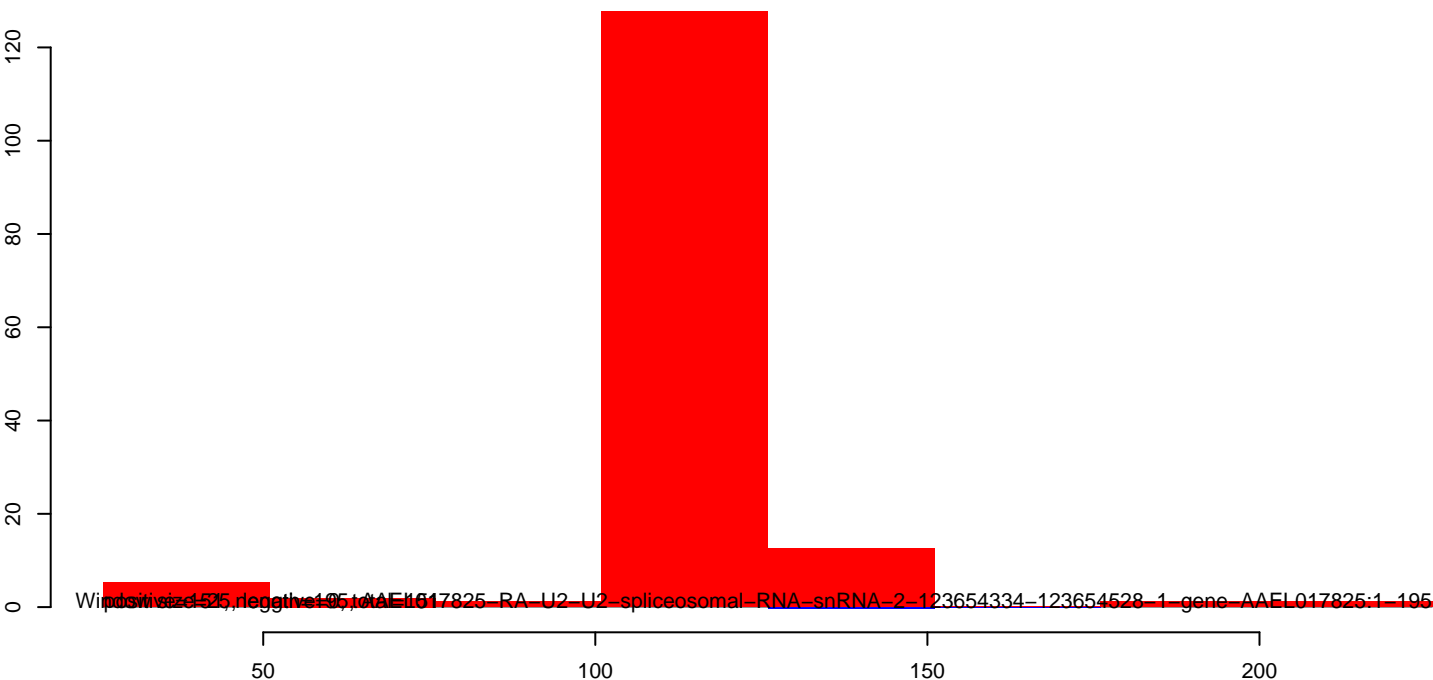
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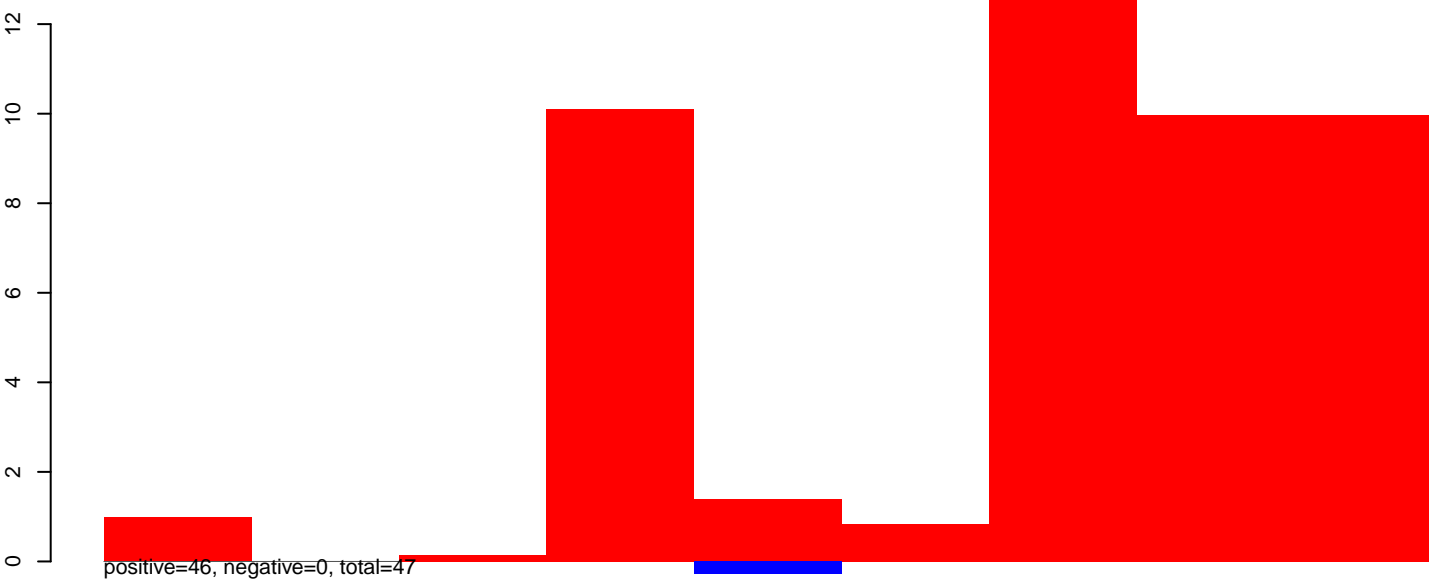
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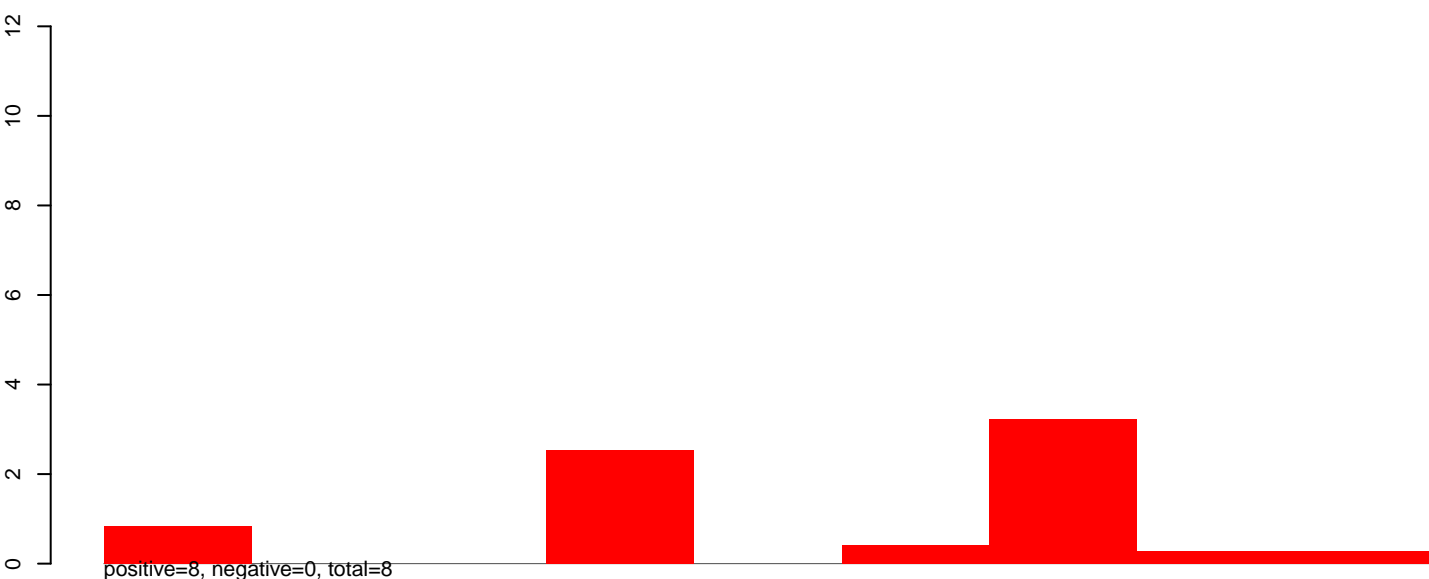
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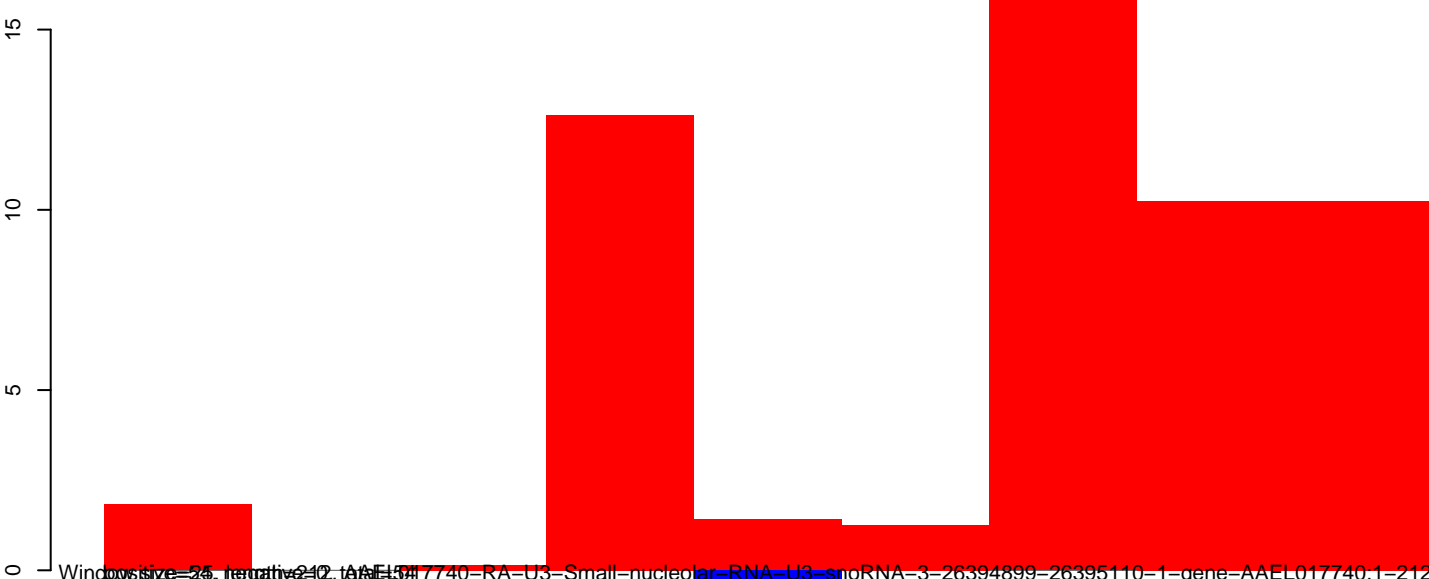
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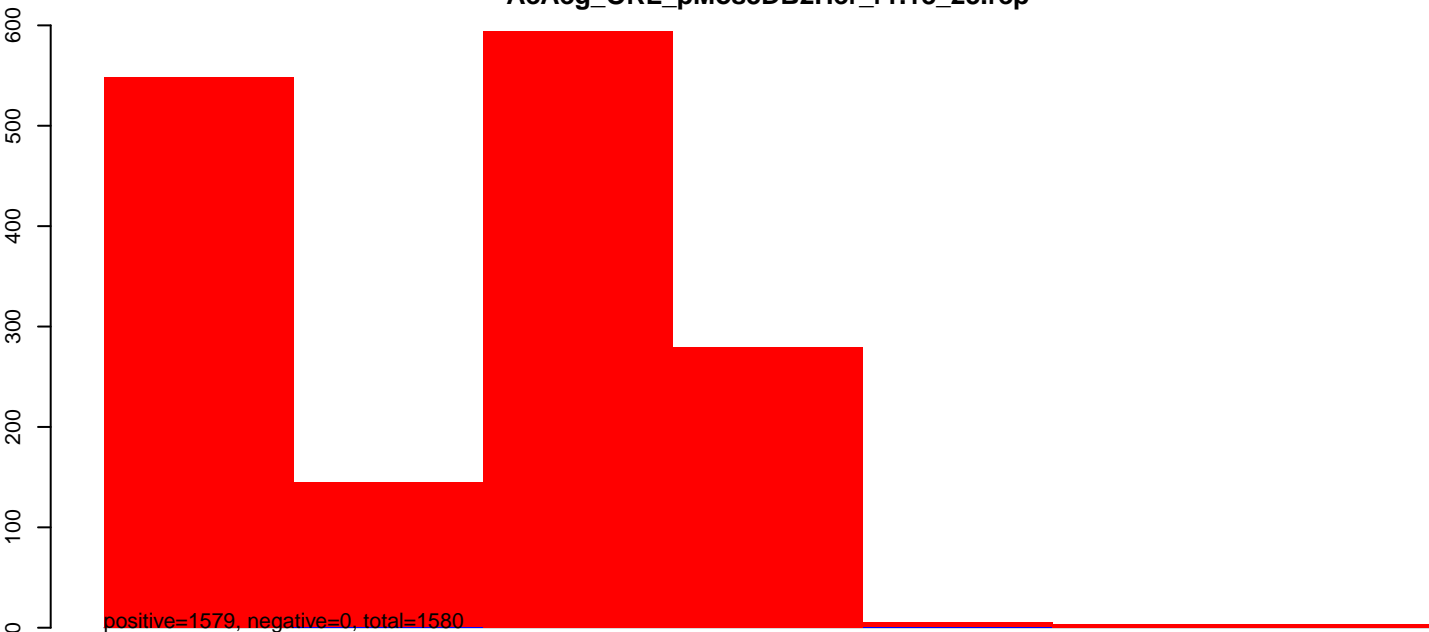


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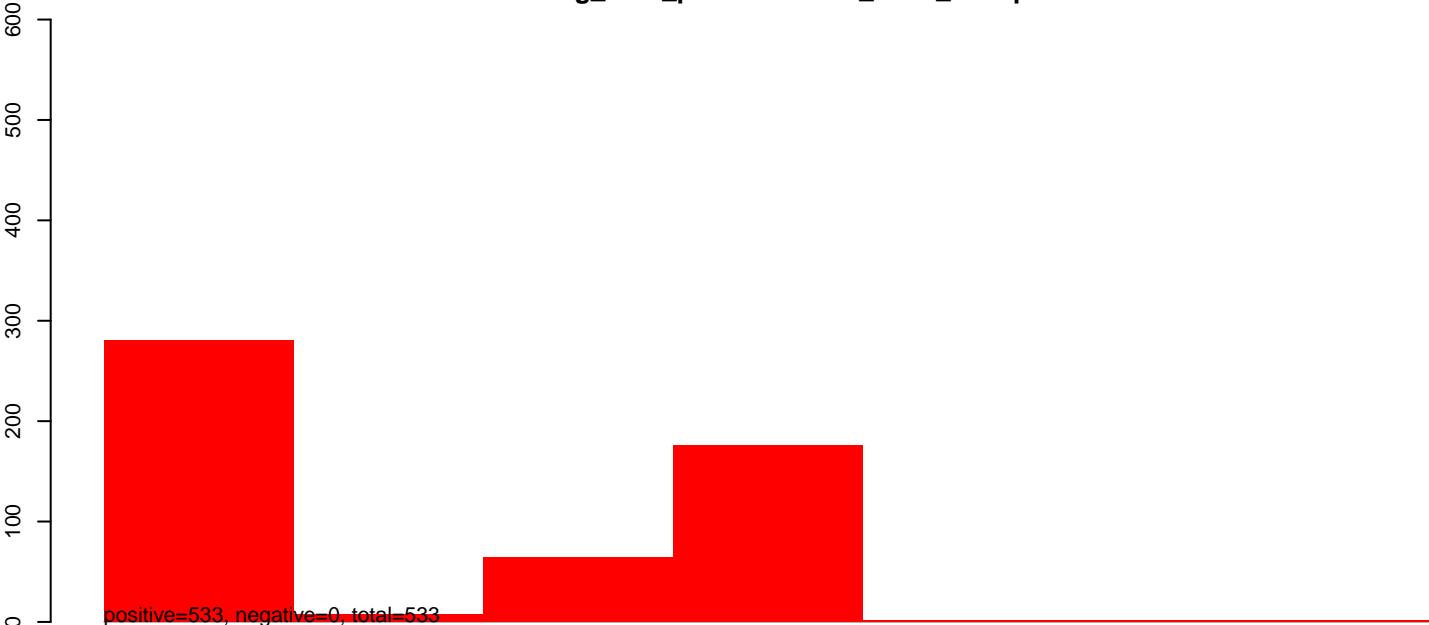




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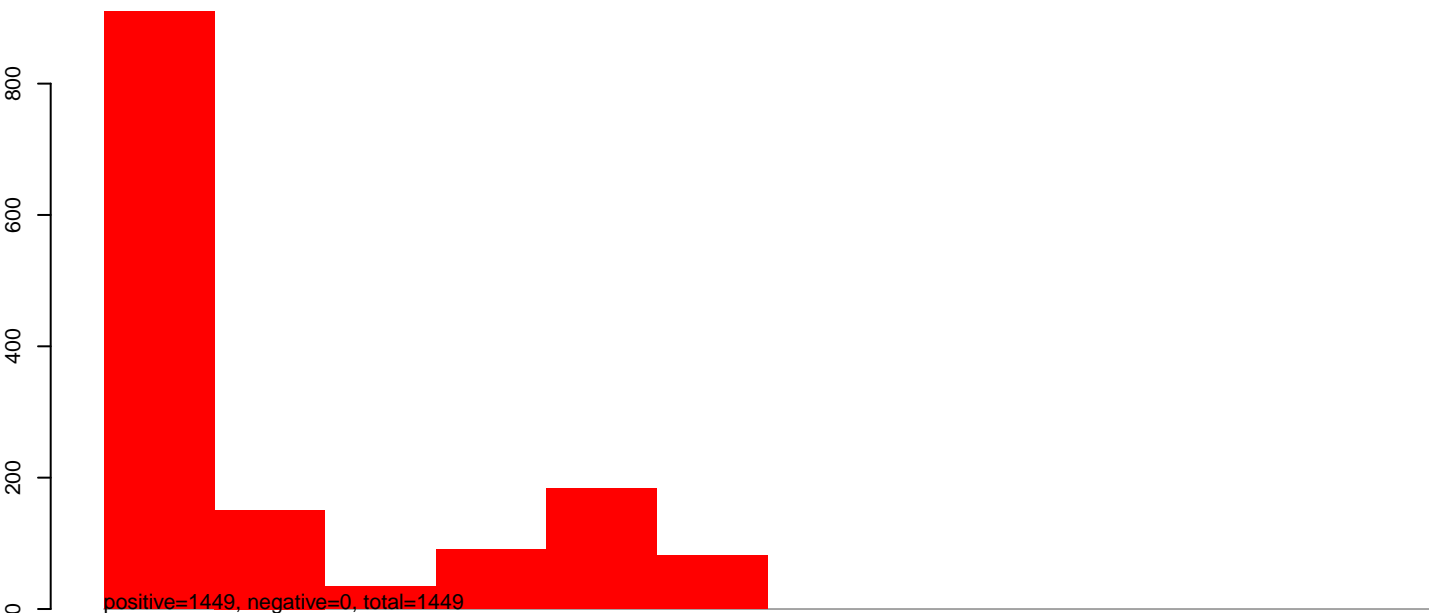
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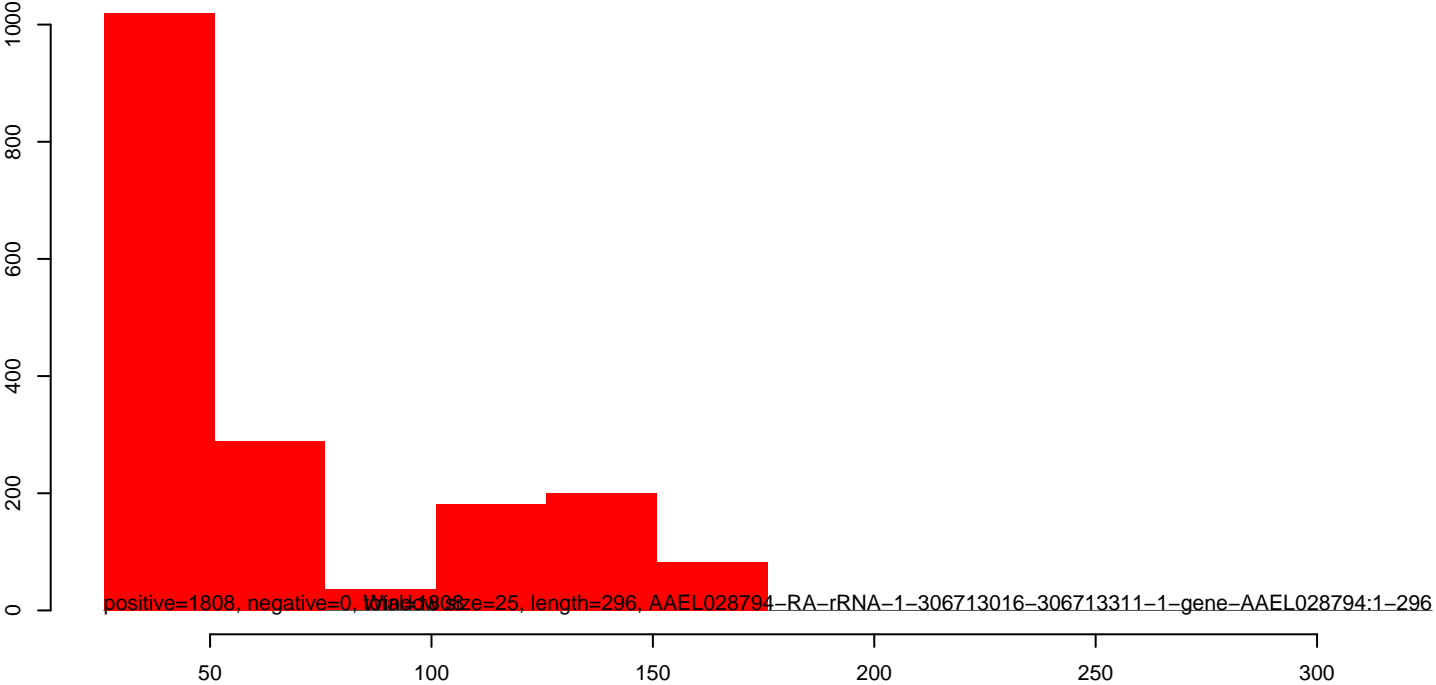
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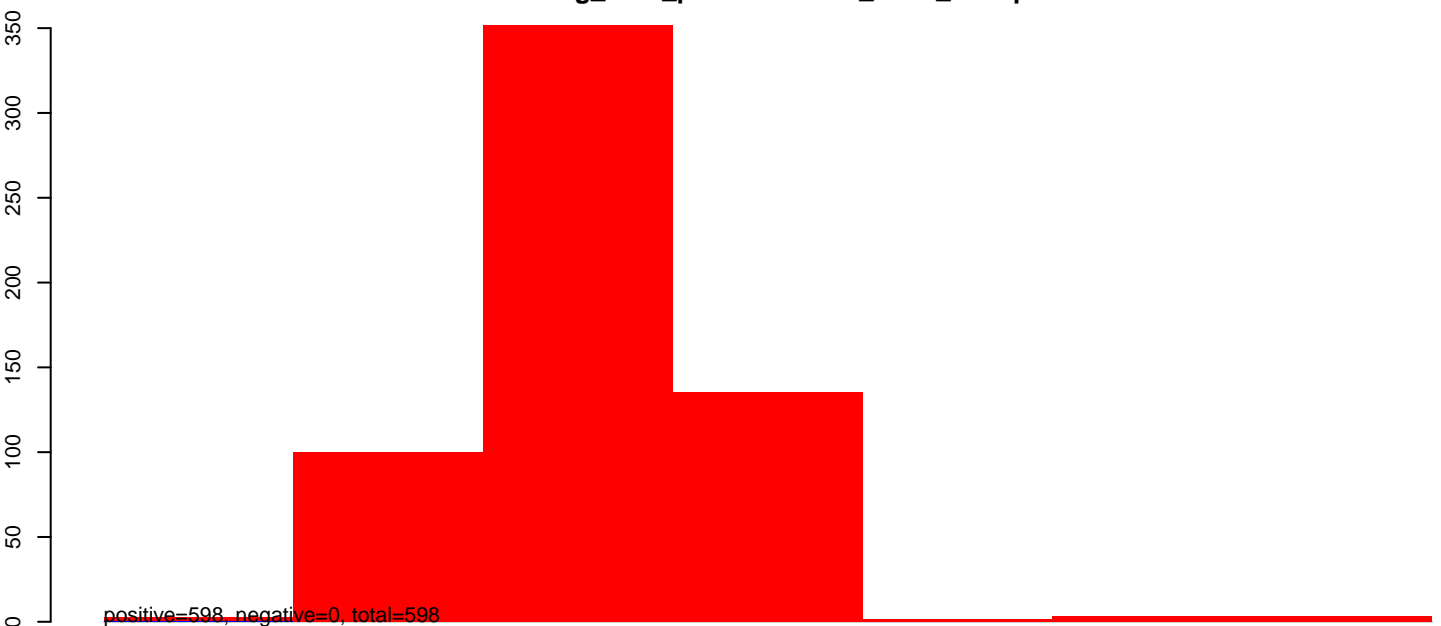
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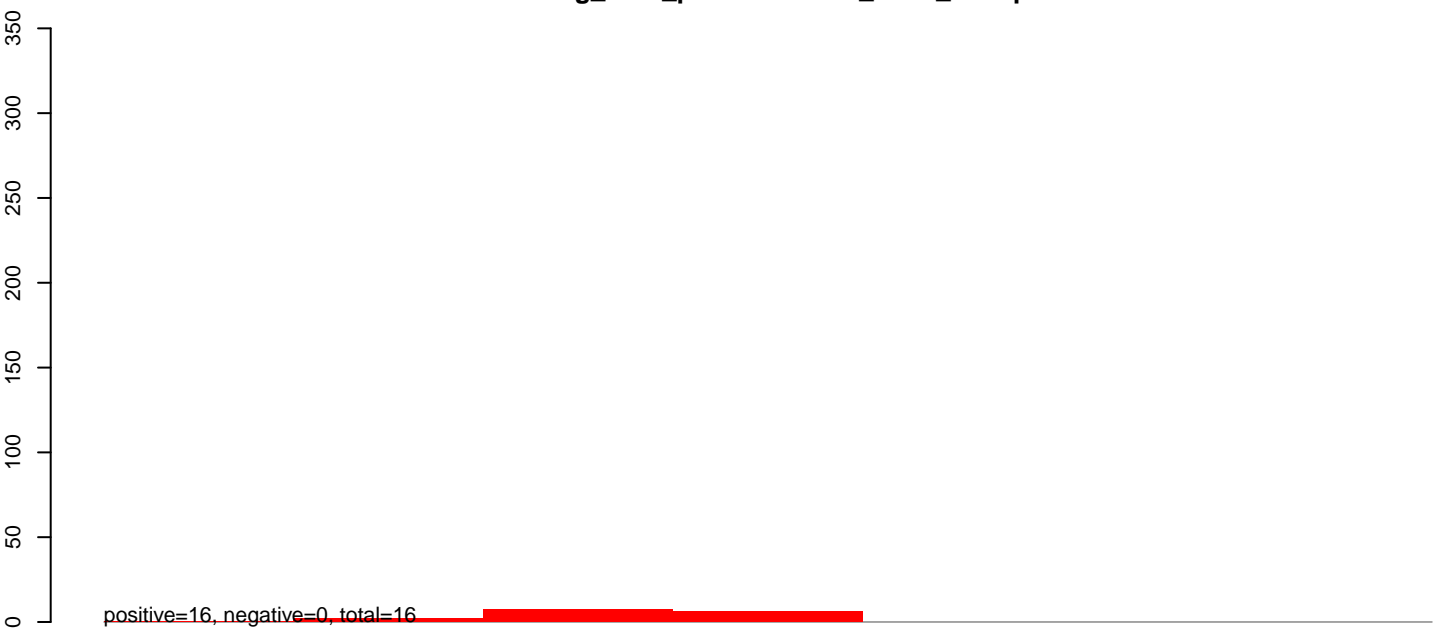
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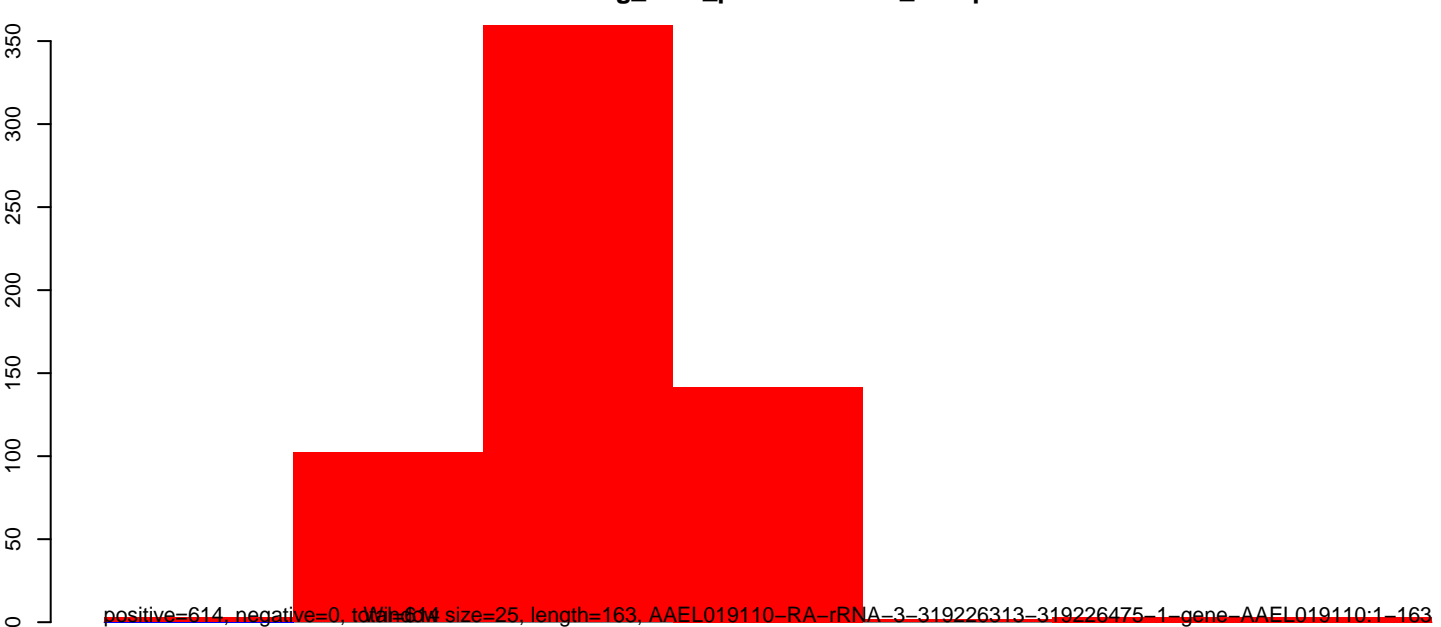
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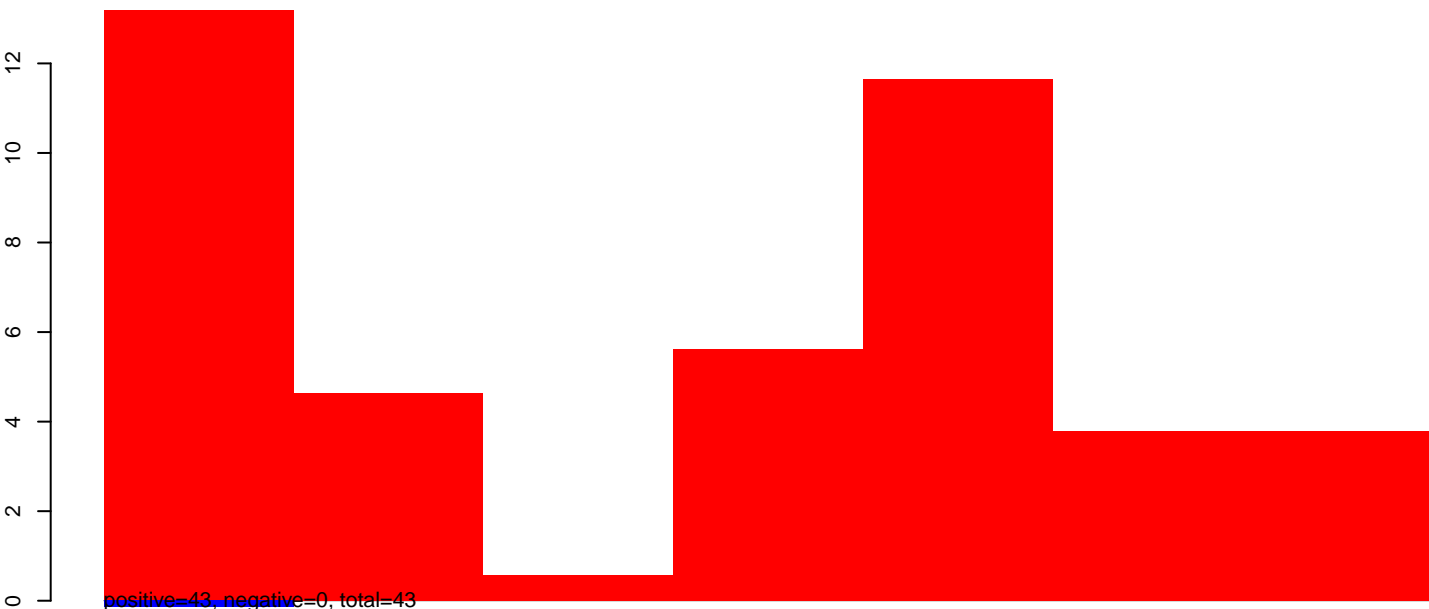
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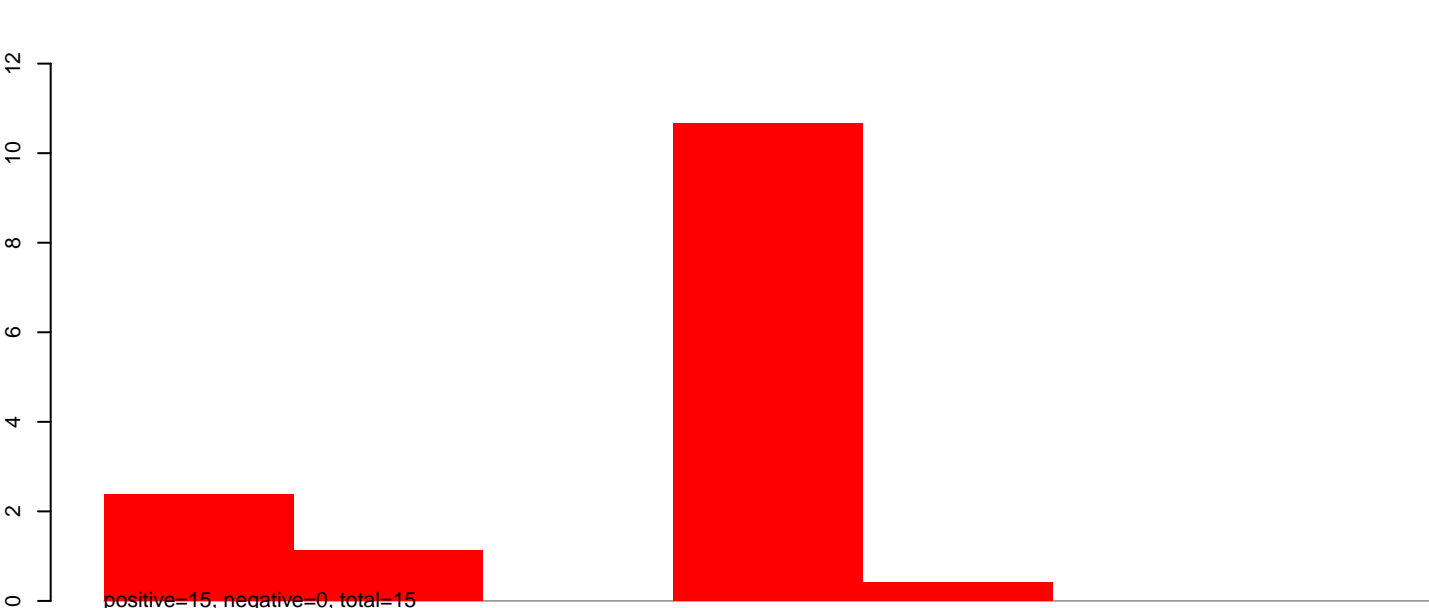
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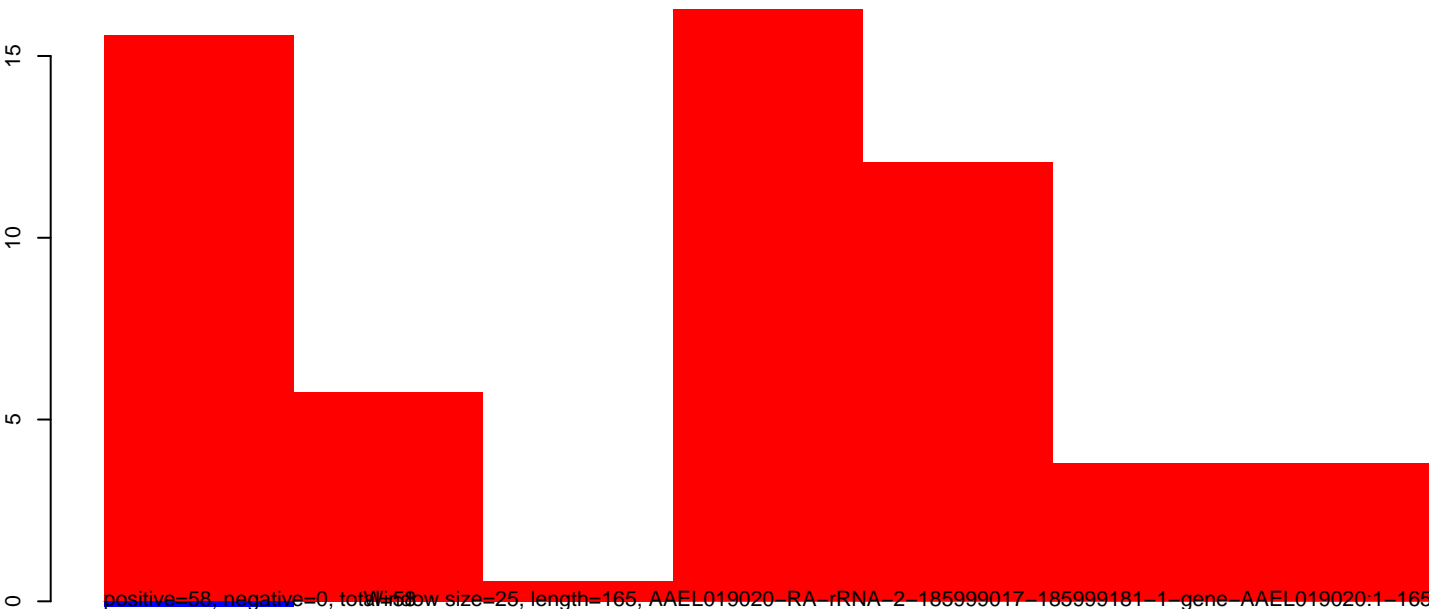
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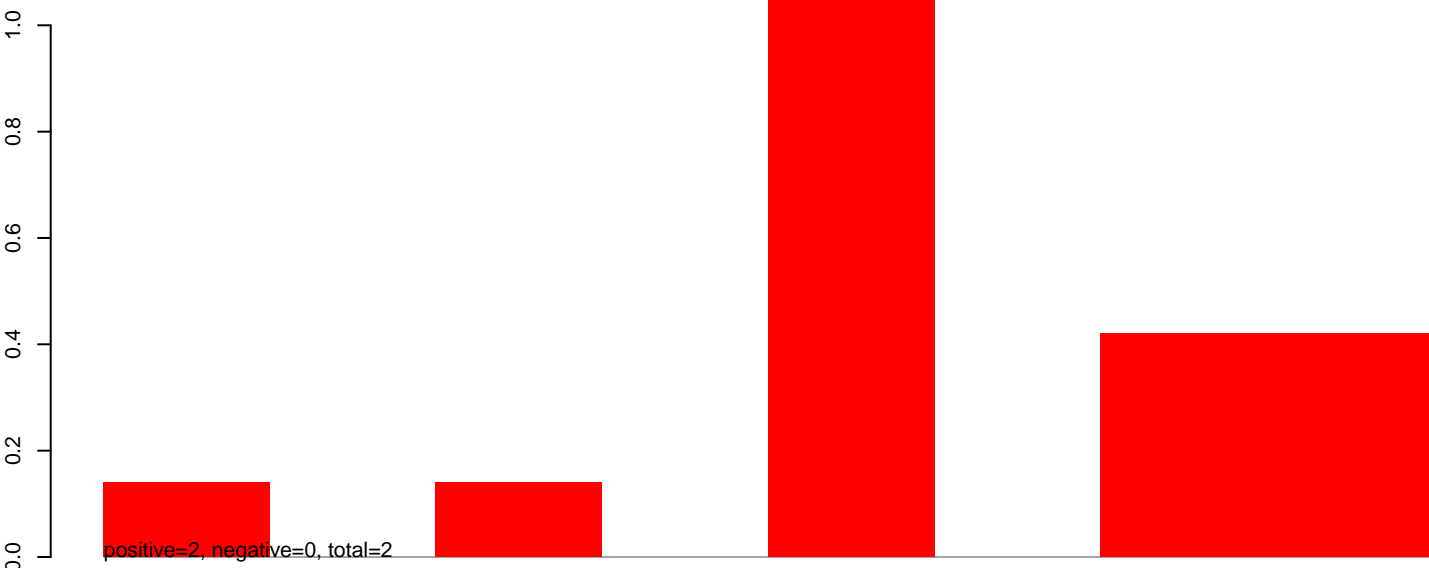
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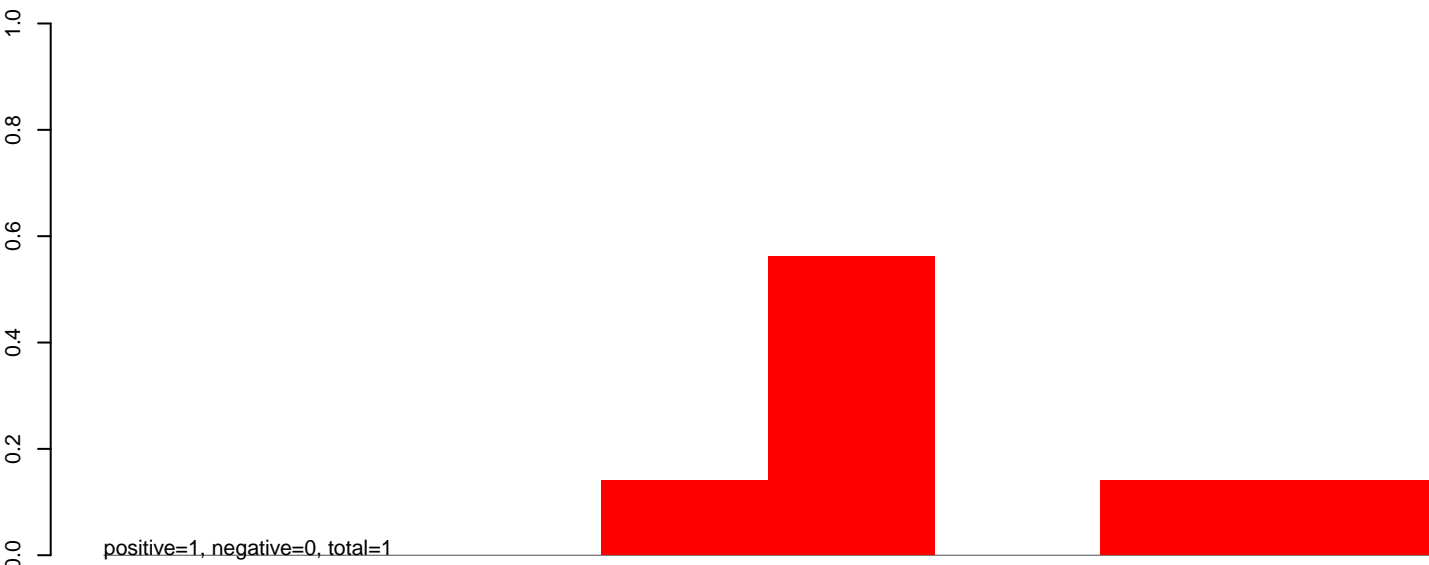
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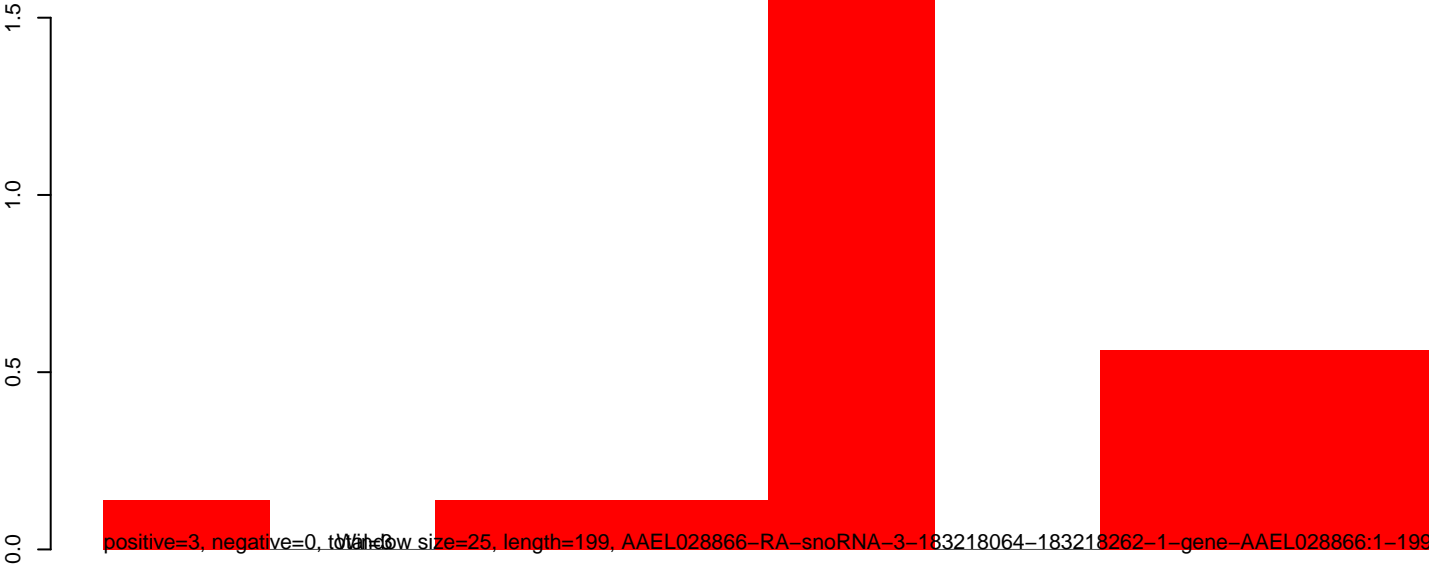
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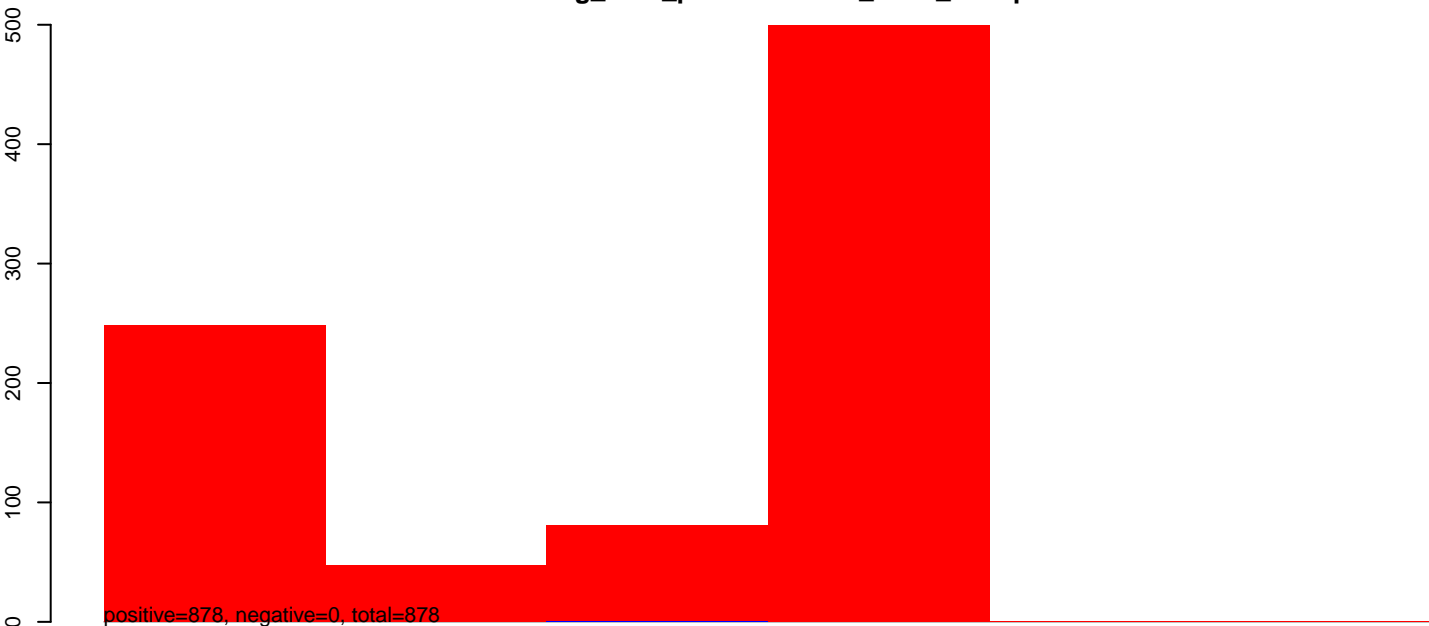
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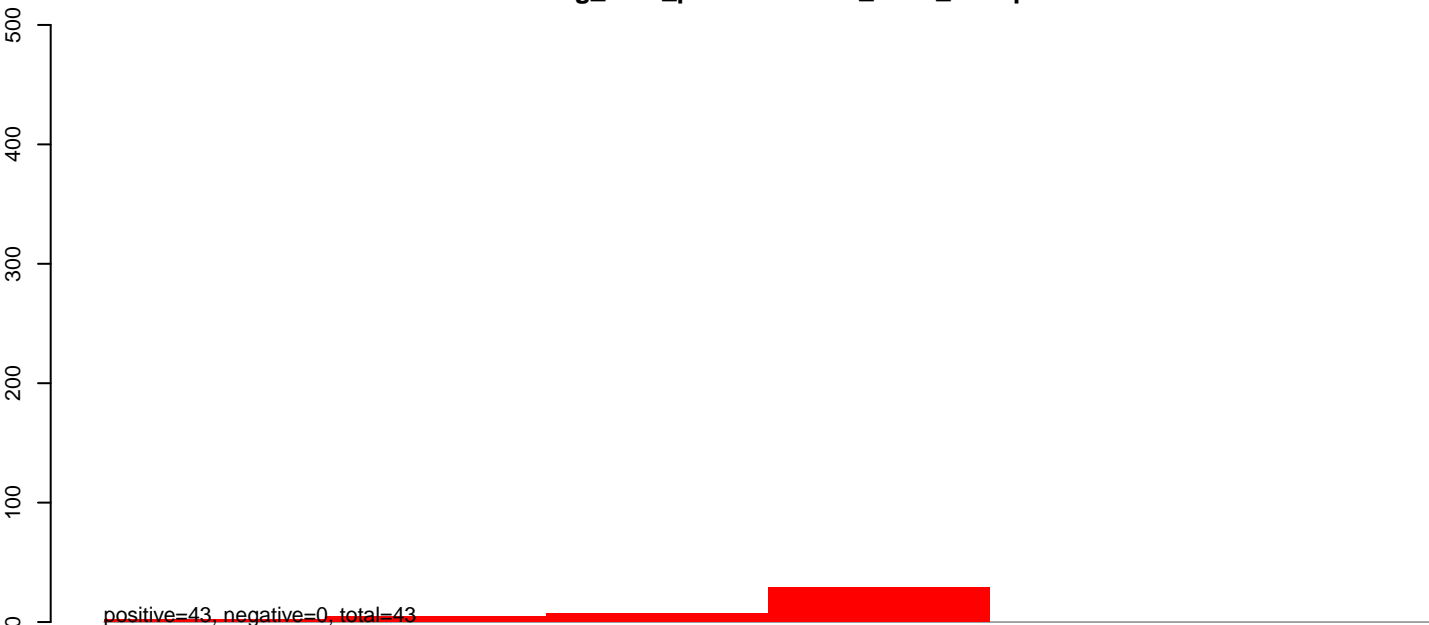
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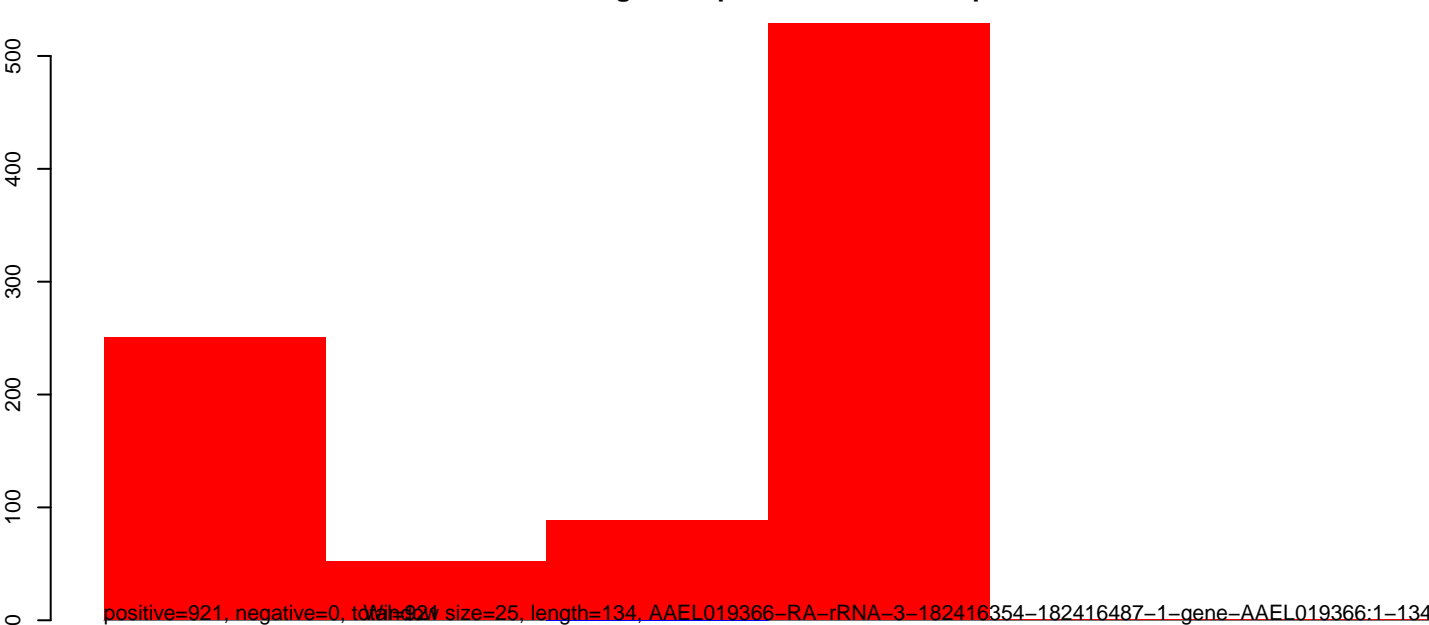
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**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



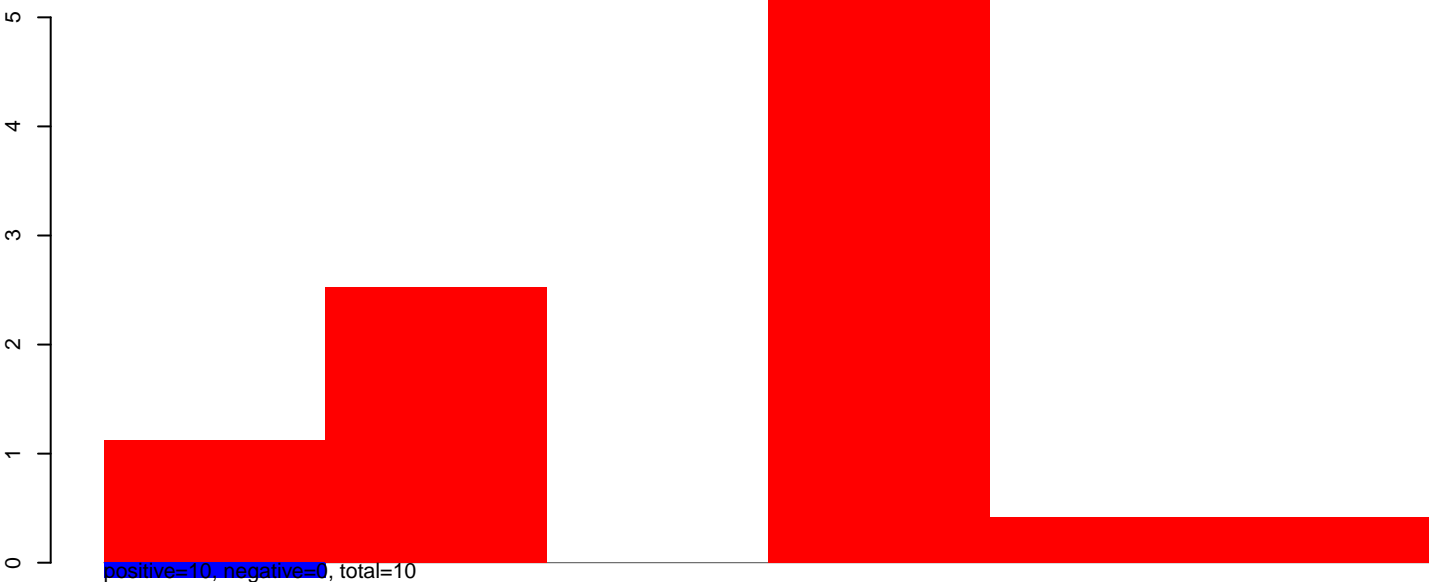
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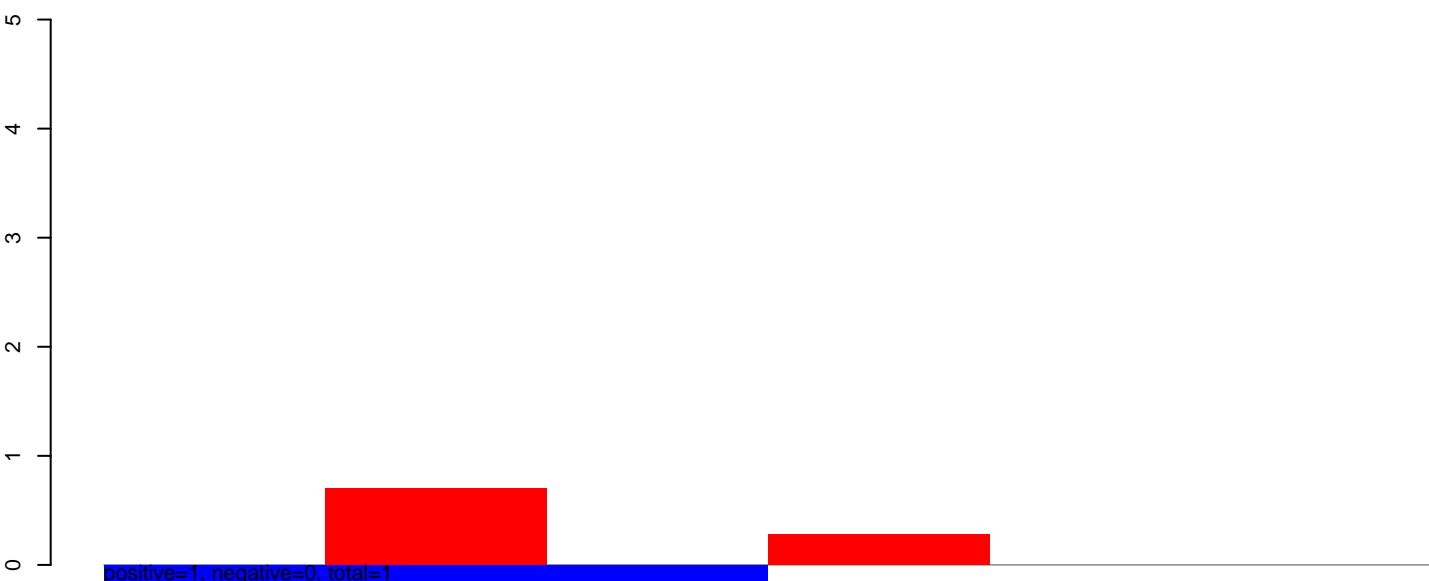
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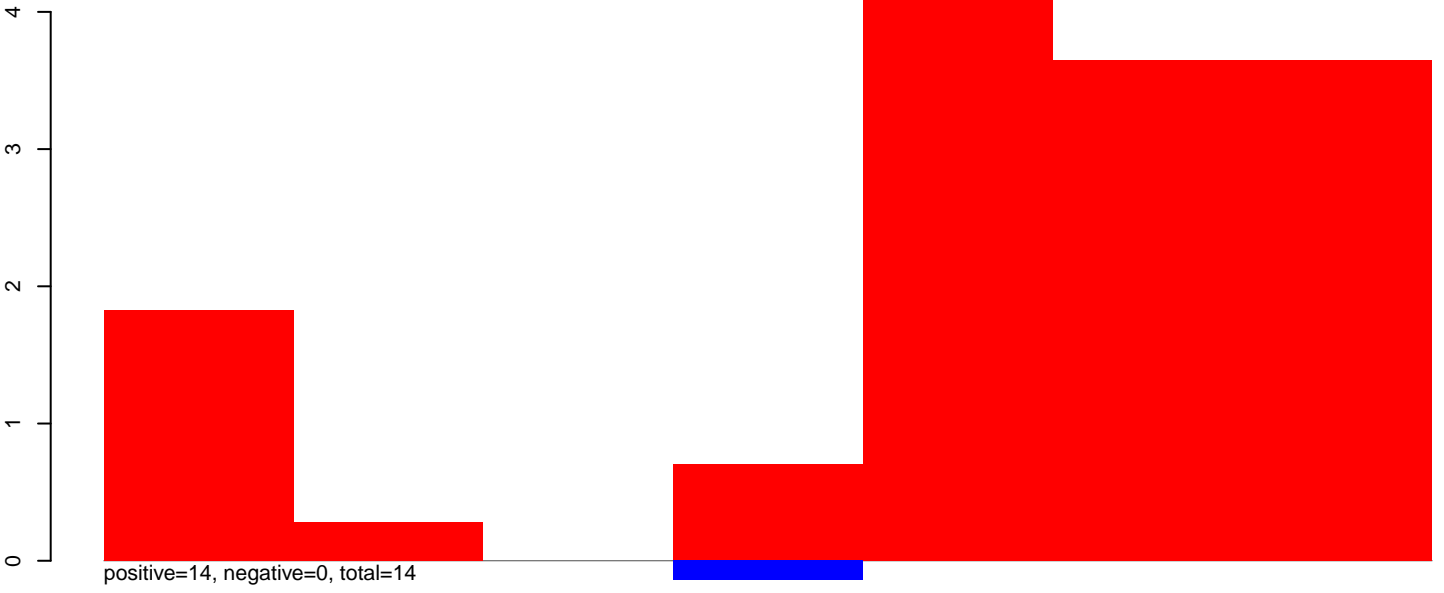
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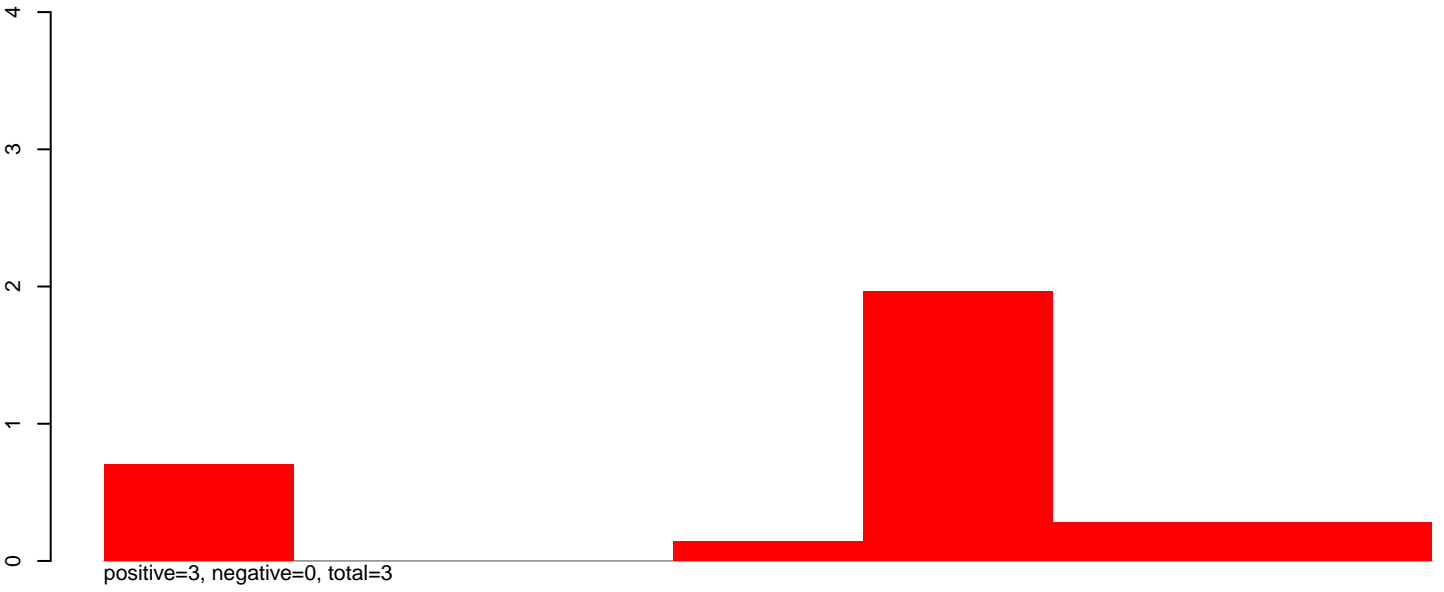
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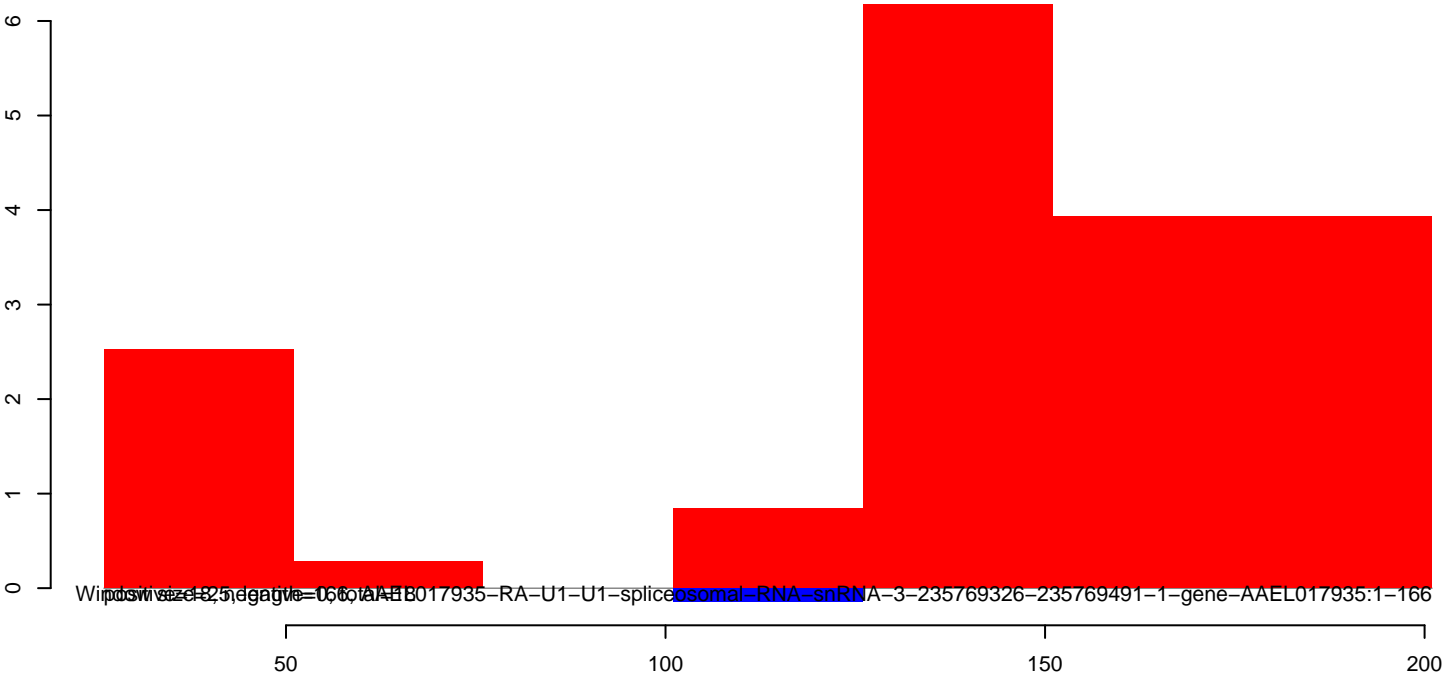
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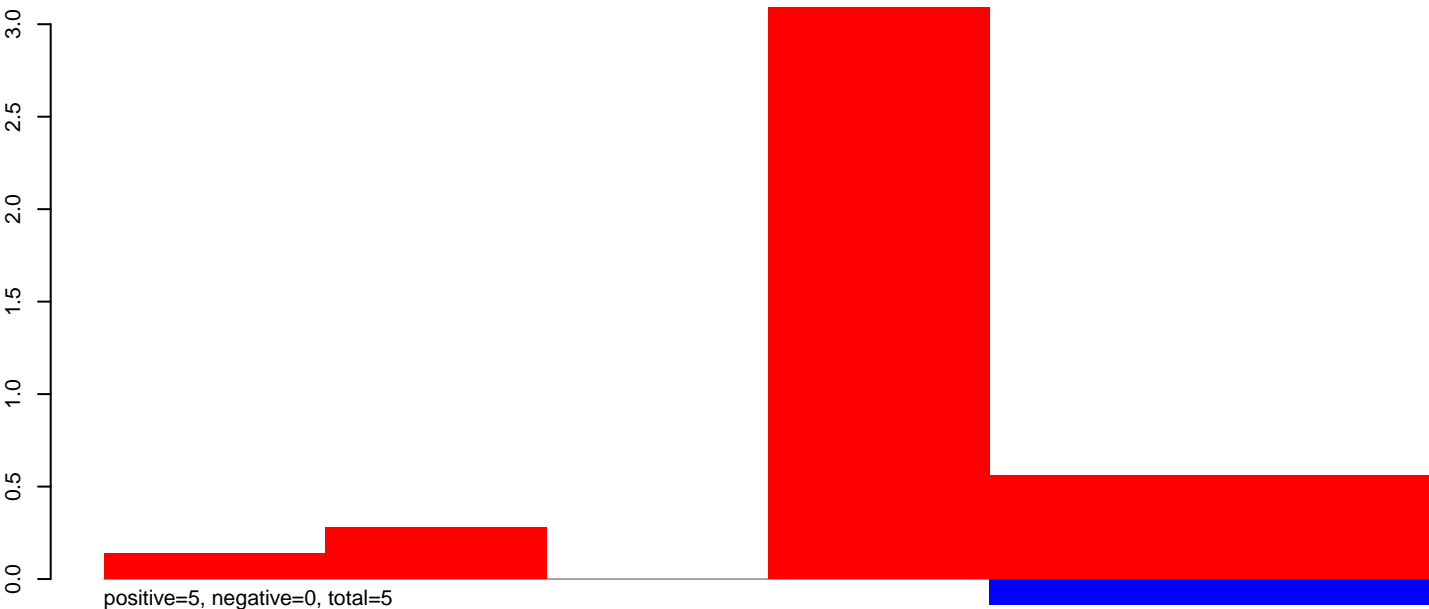


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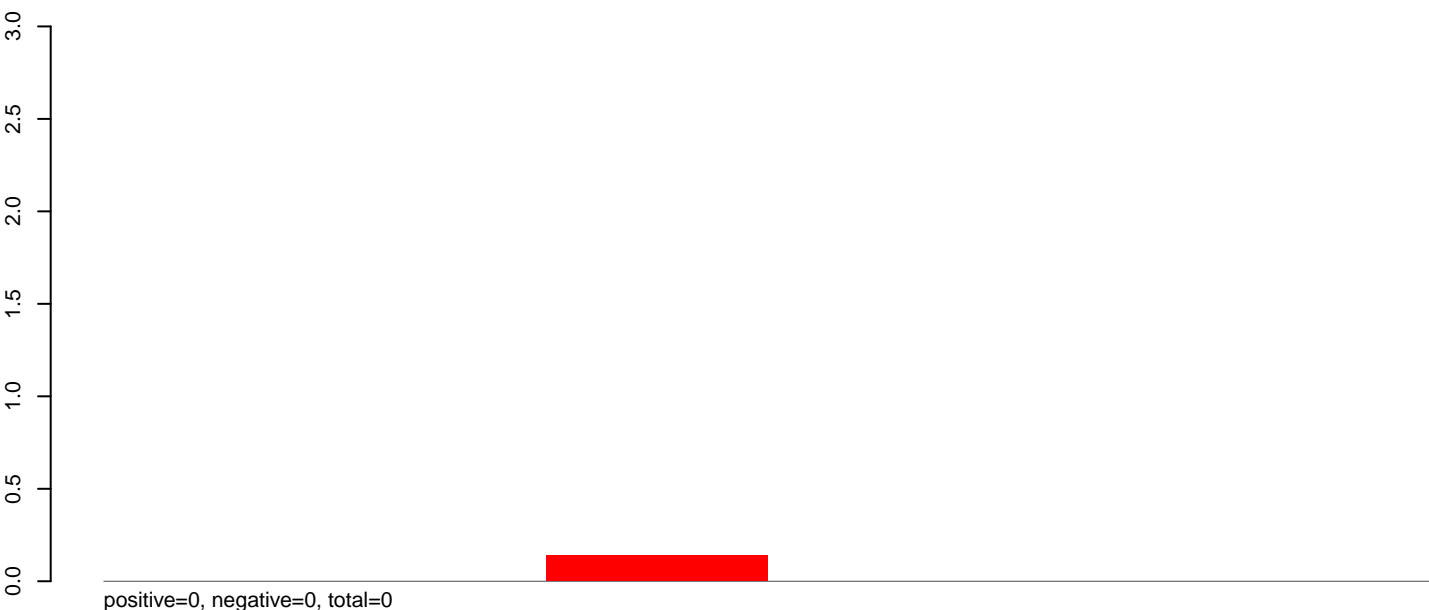




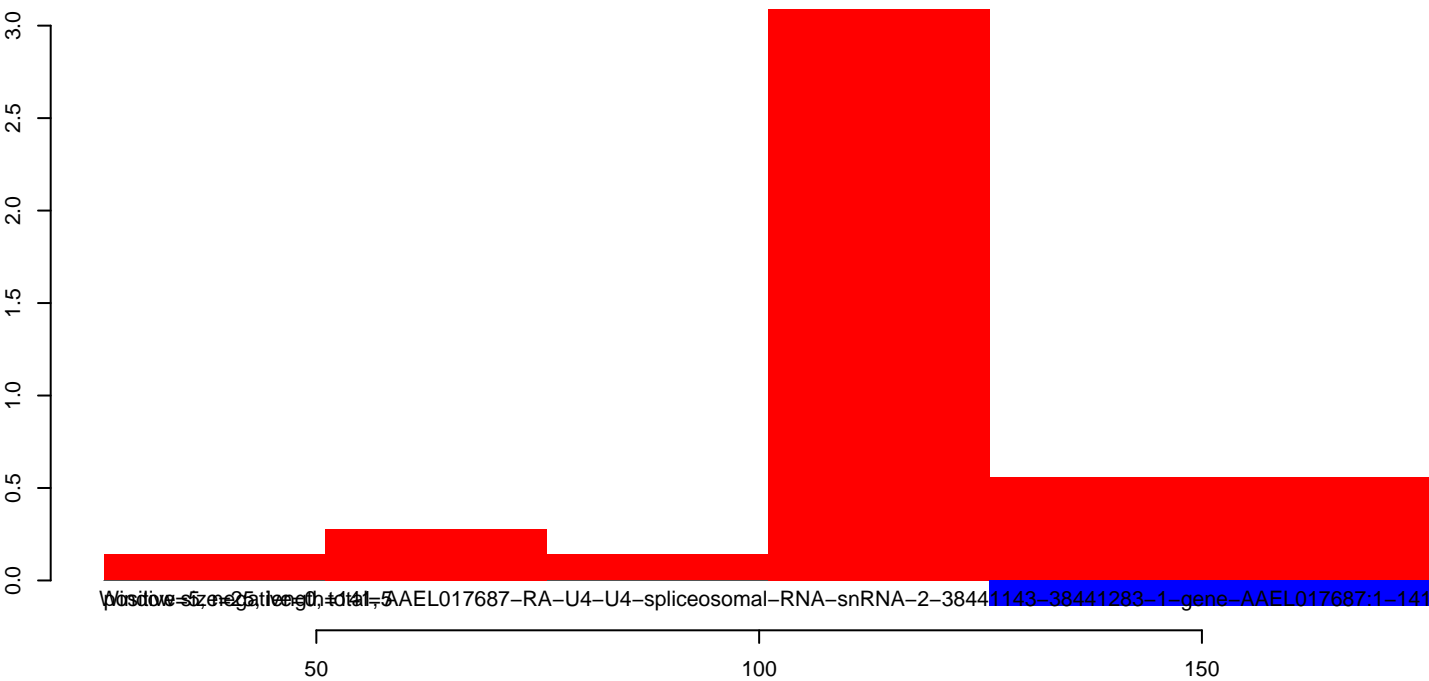
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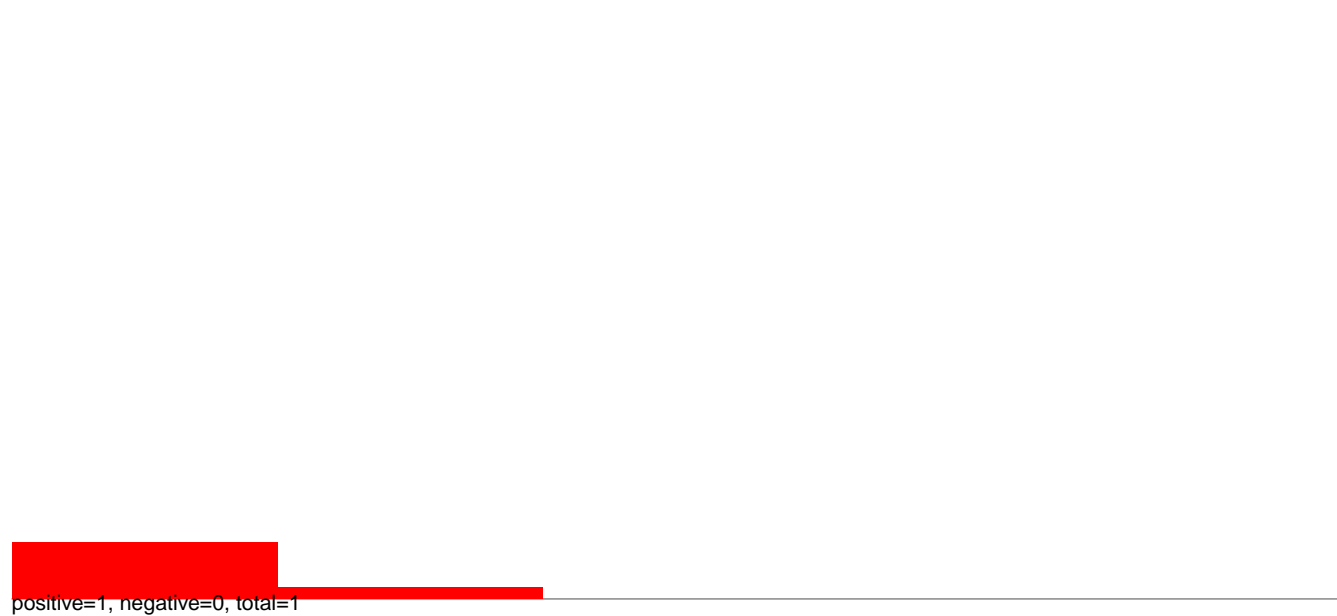
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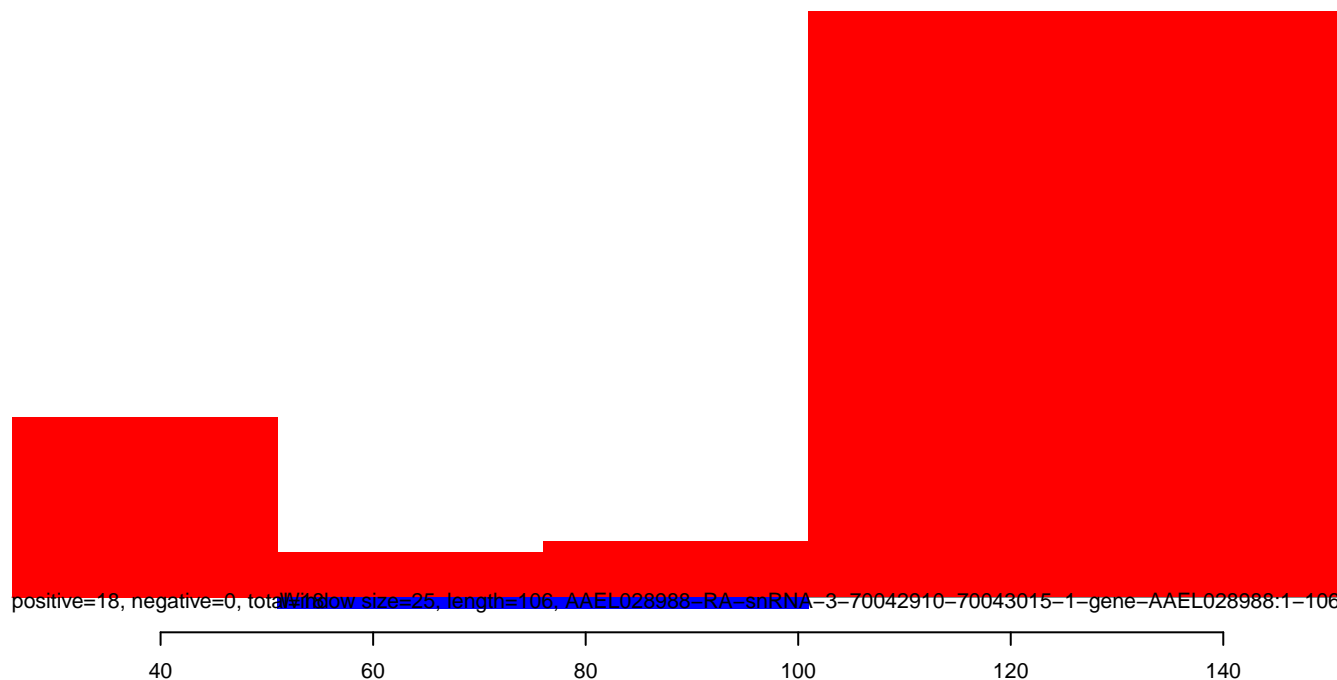
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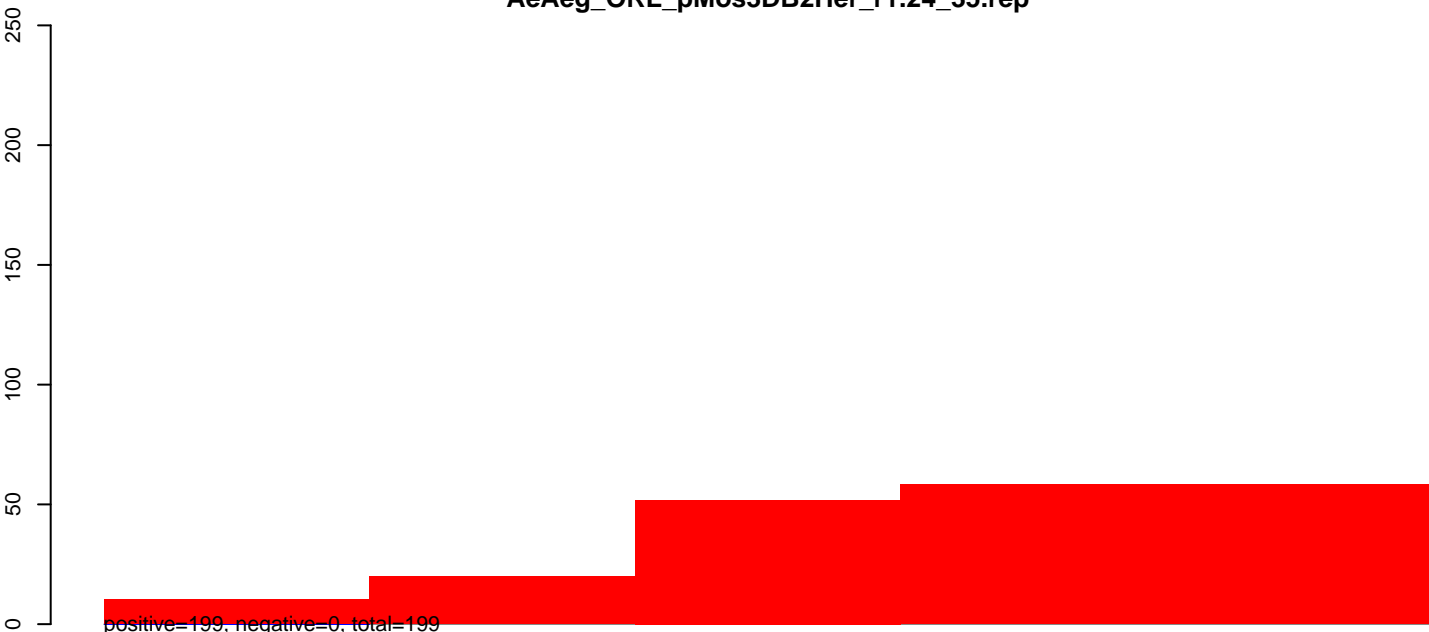
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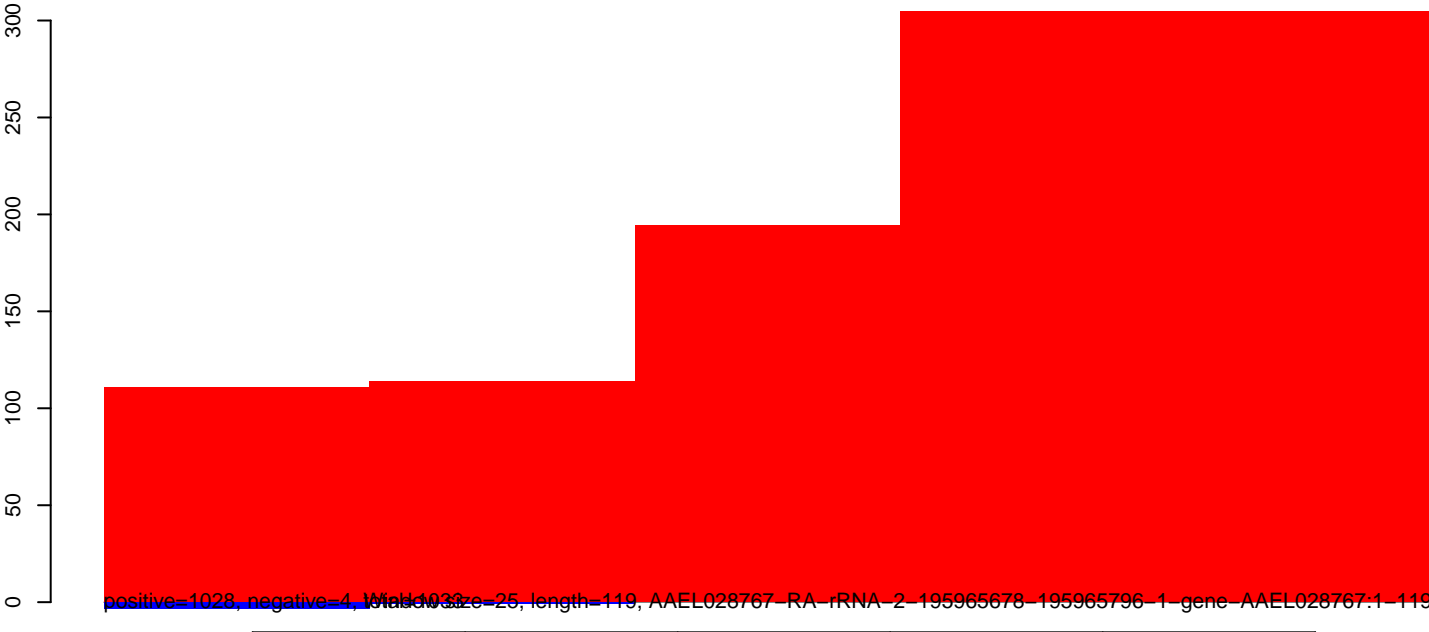
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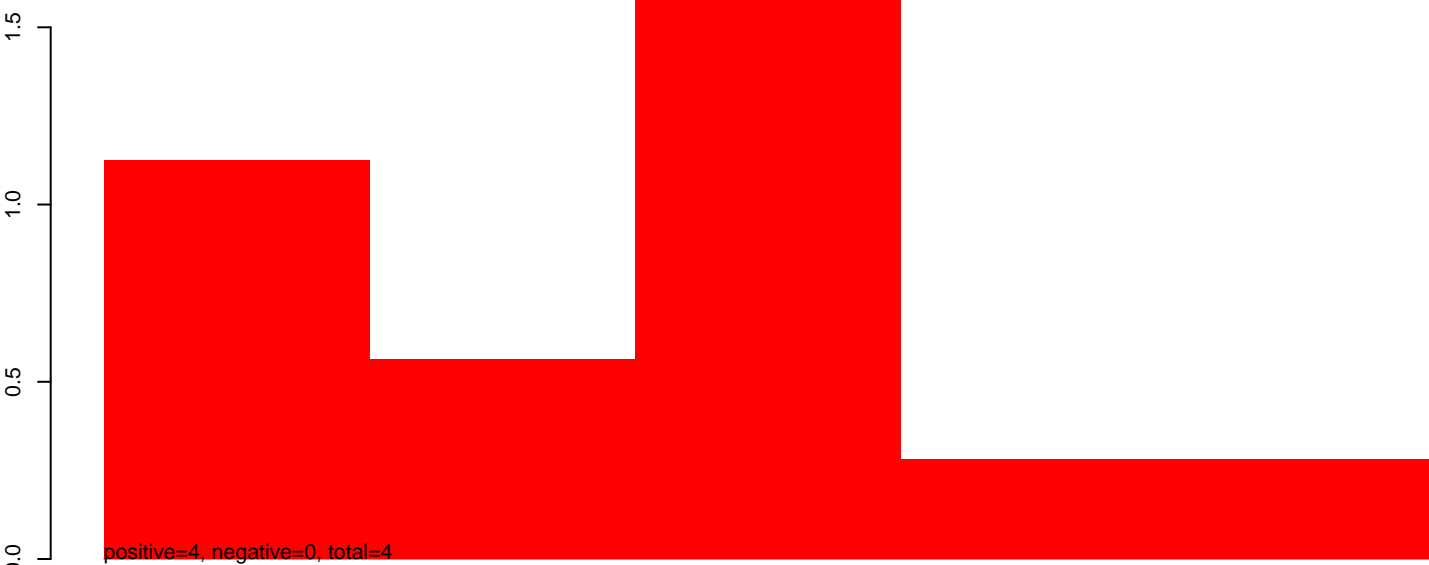
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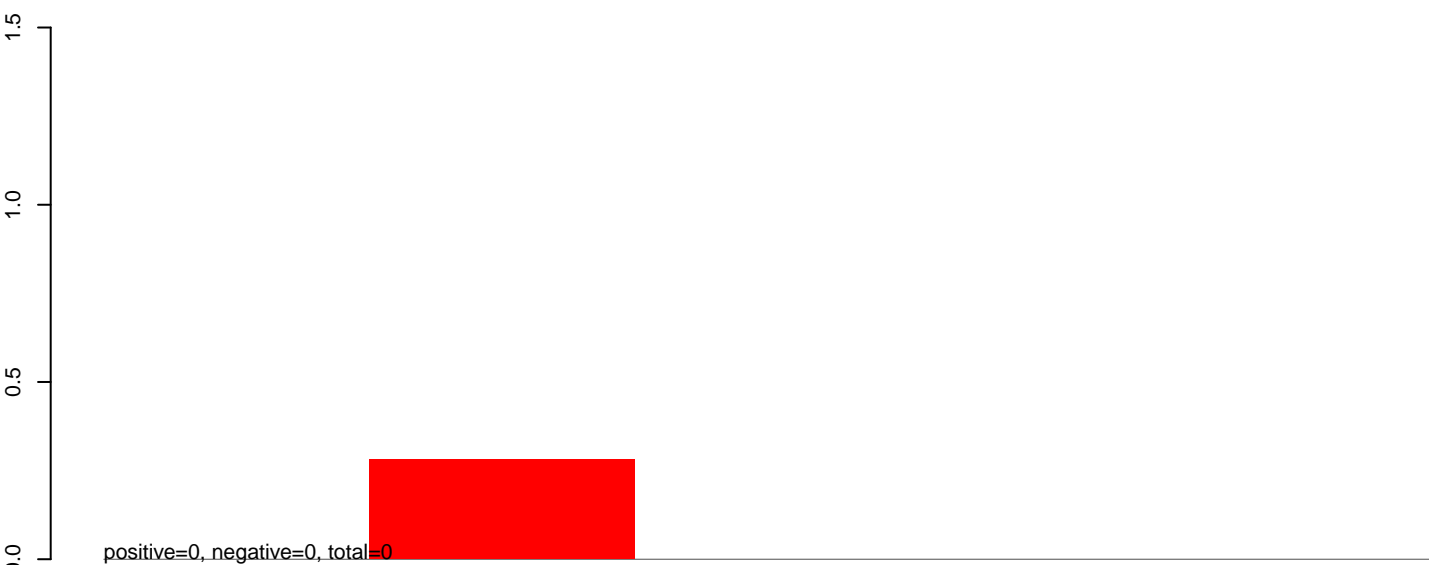
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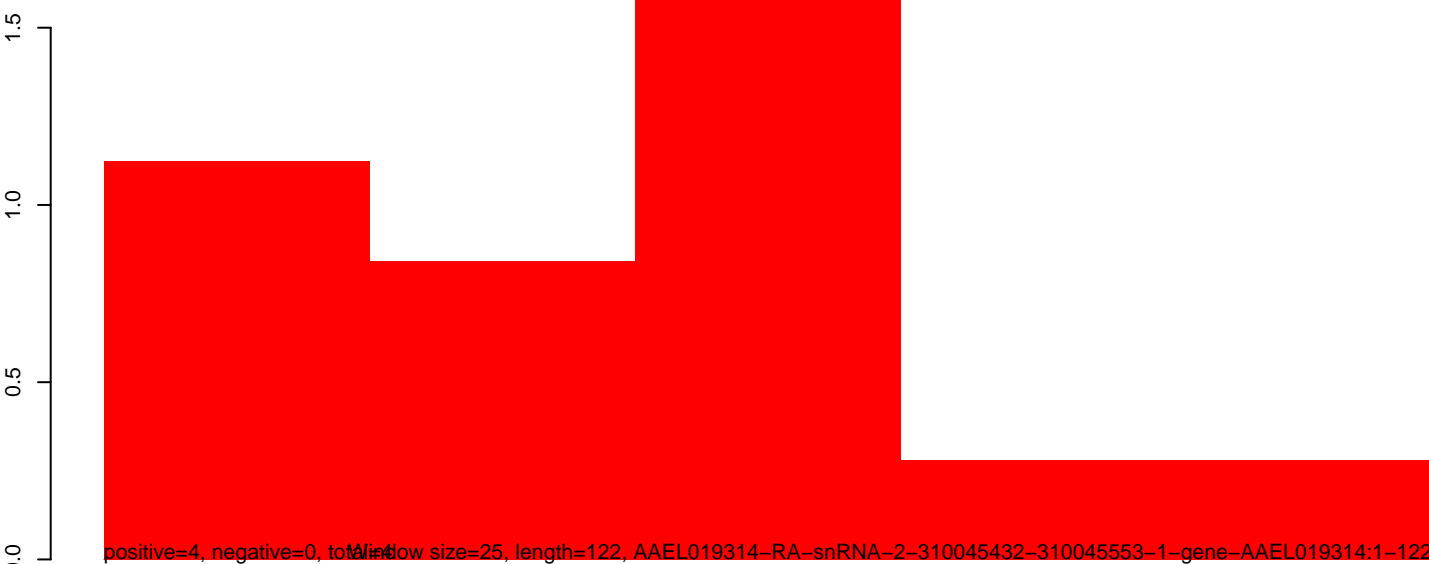
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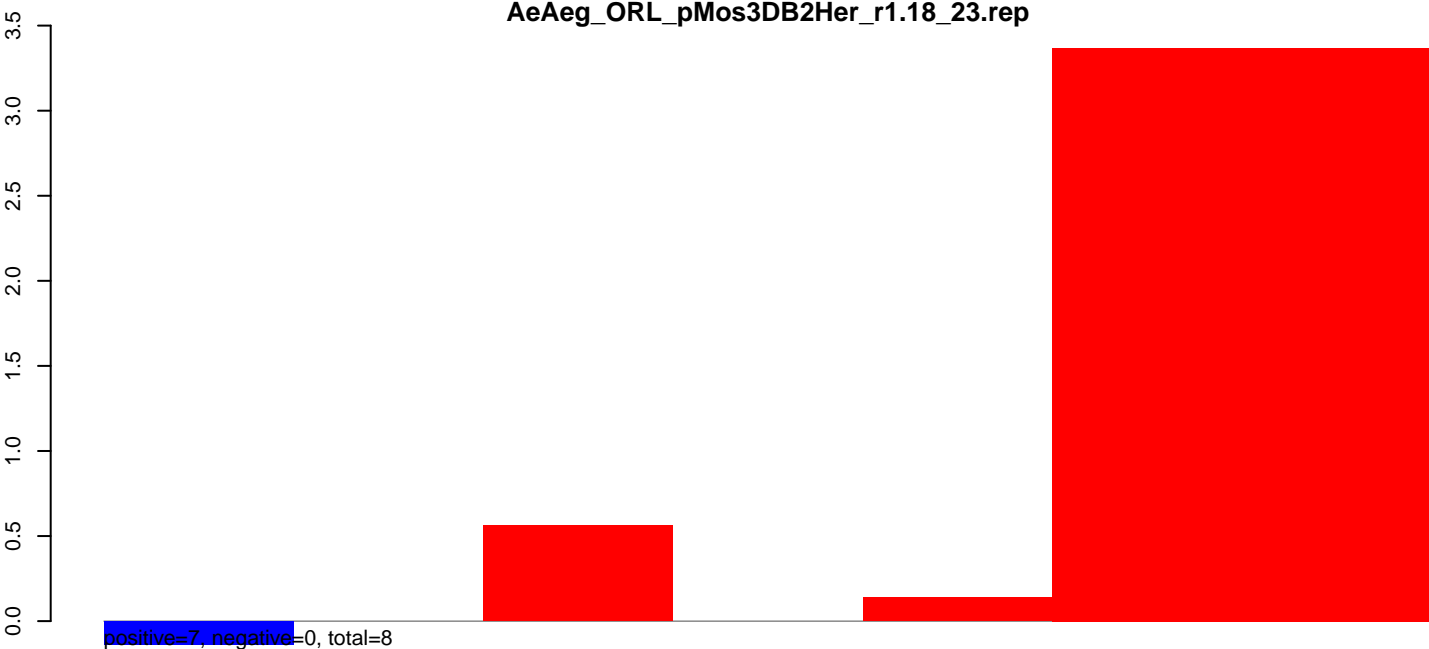


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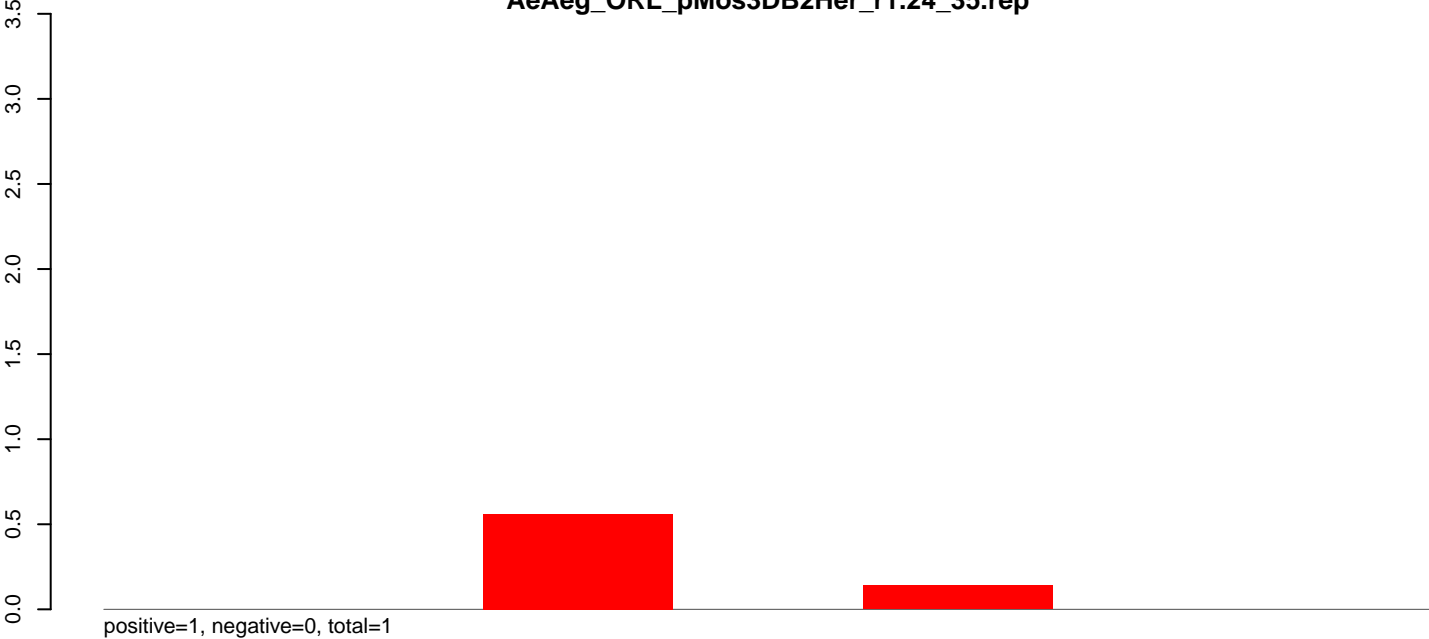


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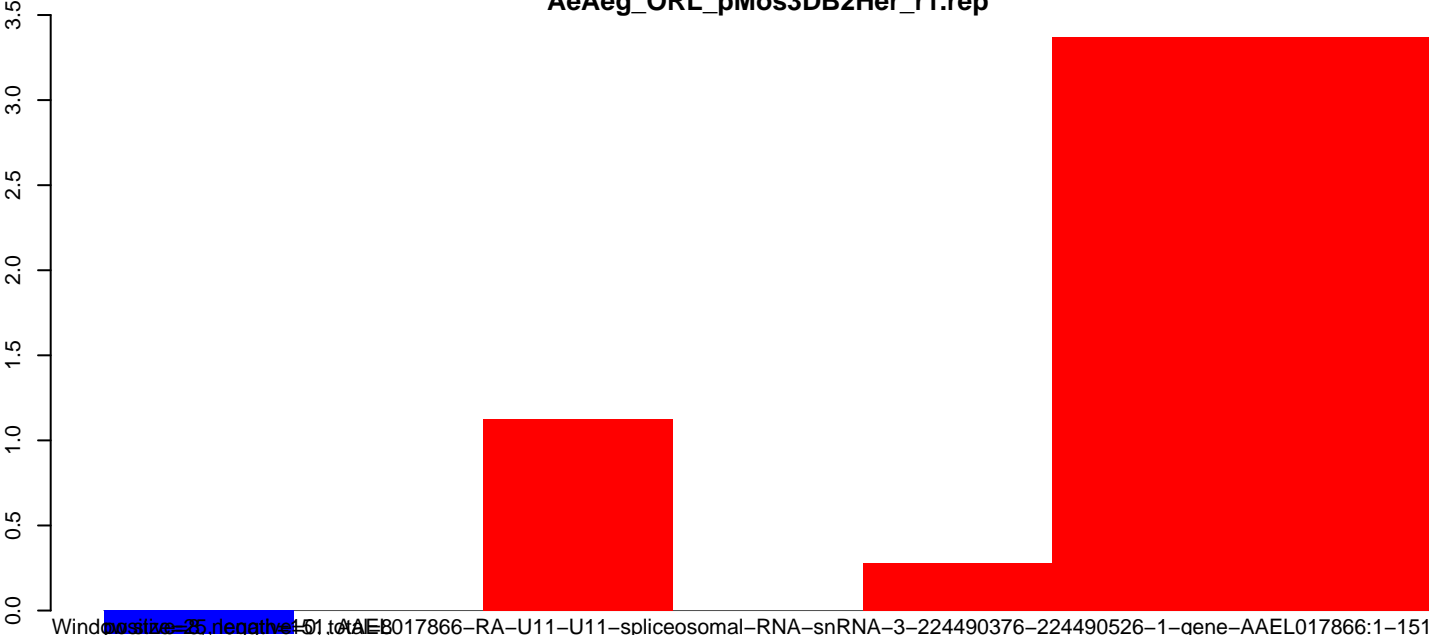
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**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



Window: AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep, AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep, AeAeg\_ORL\_pMos3DB2Her\_r1.rep  
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AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep



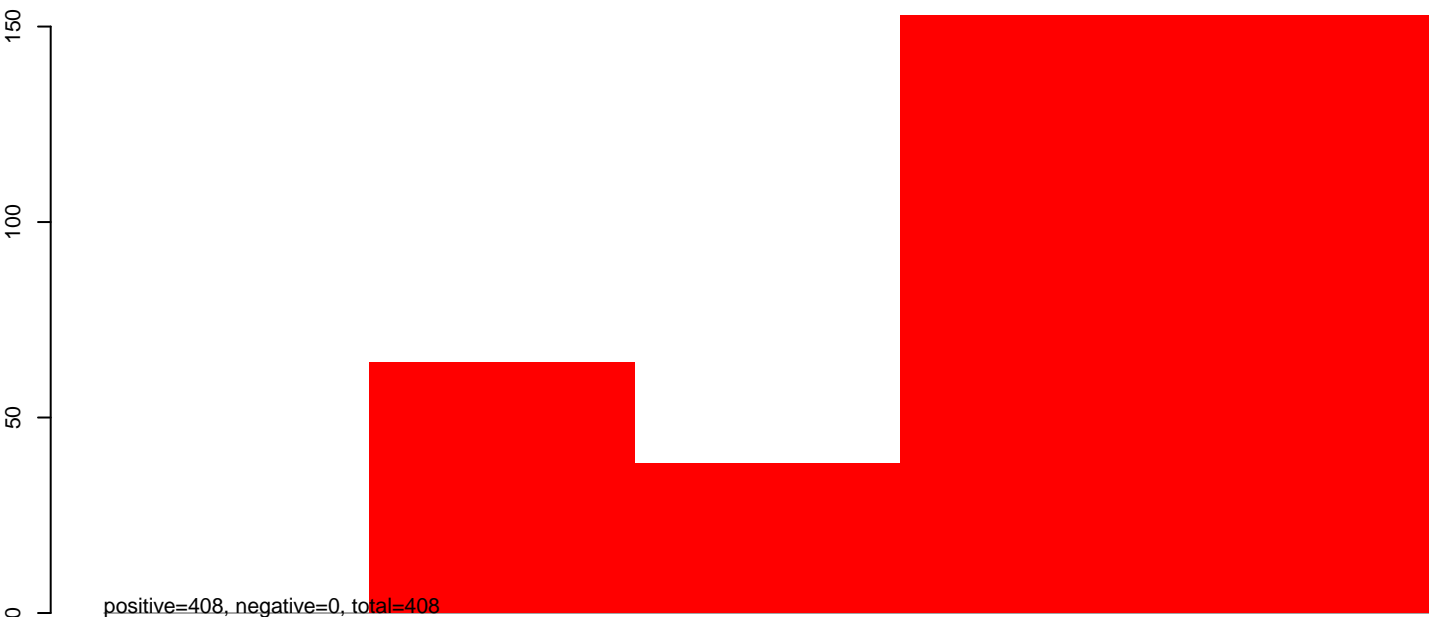
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Window size=6,5,dgangle=0,Total=16017702-RA-U6-U6-spliceosomal-RNA-snRNA-1-206835848-206835954-1-gene-AAEL017702:1-107

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**AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep**



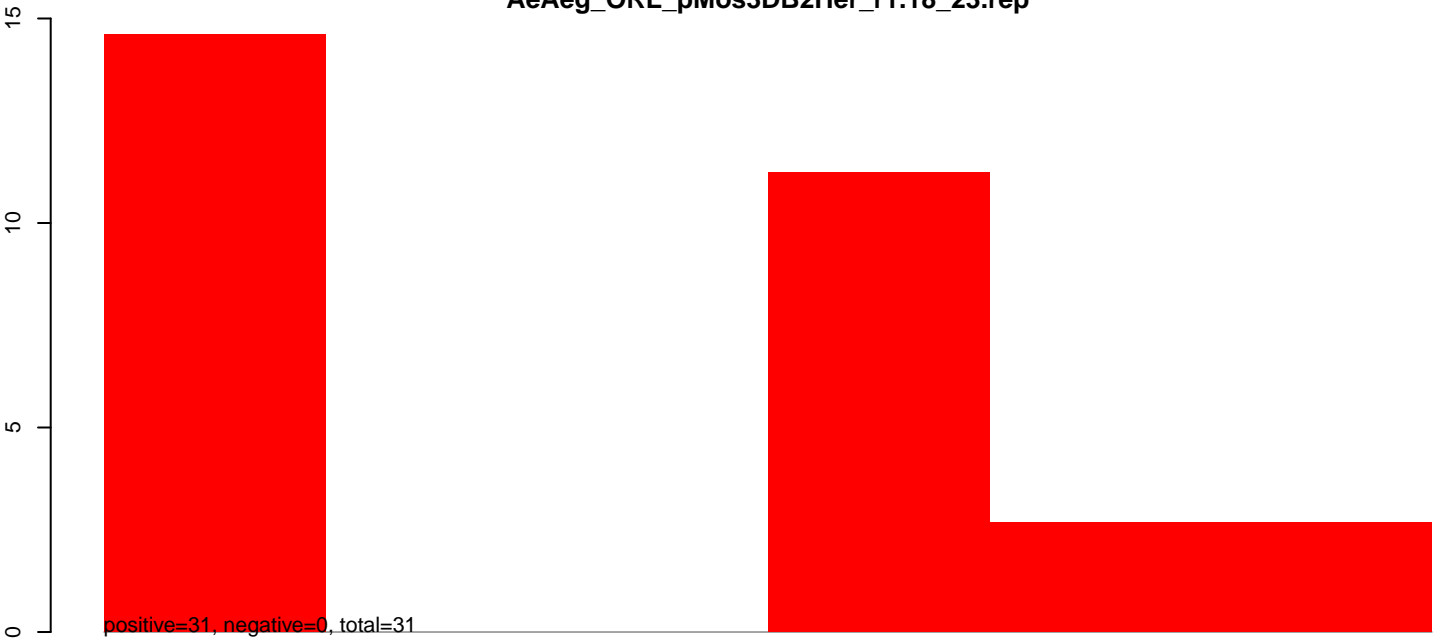
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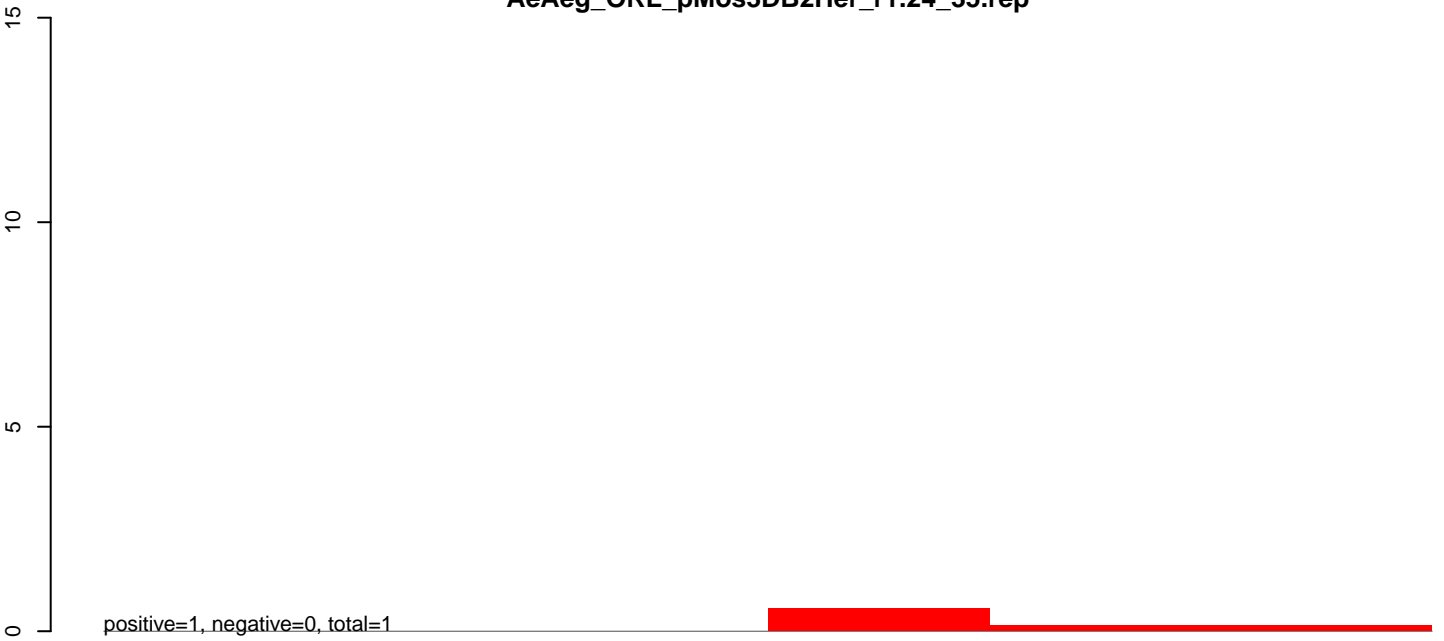
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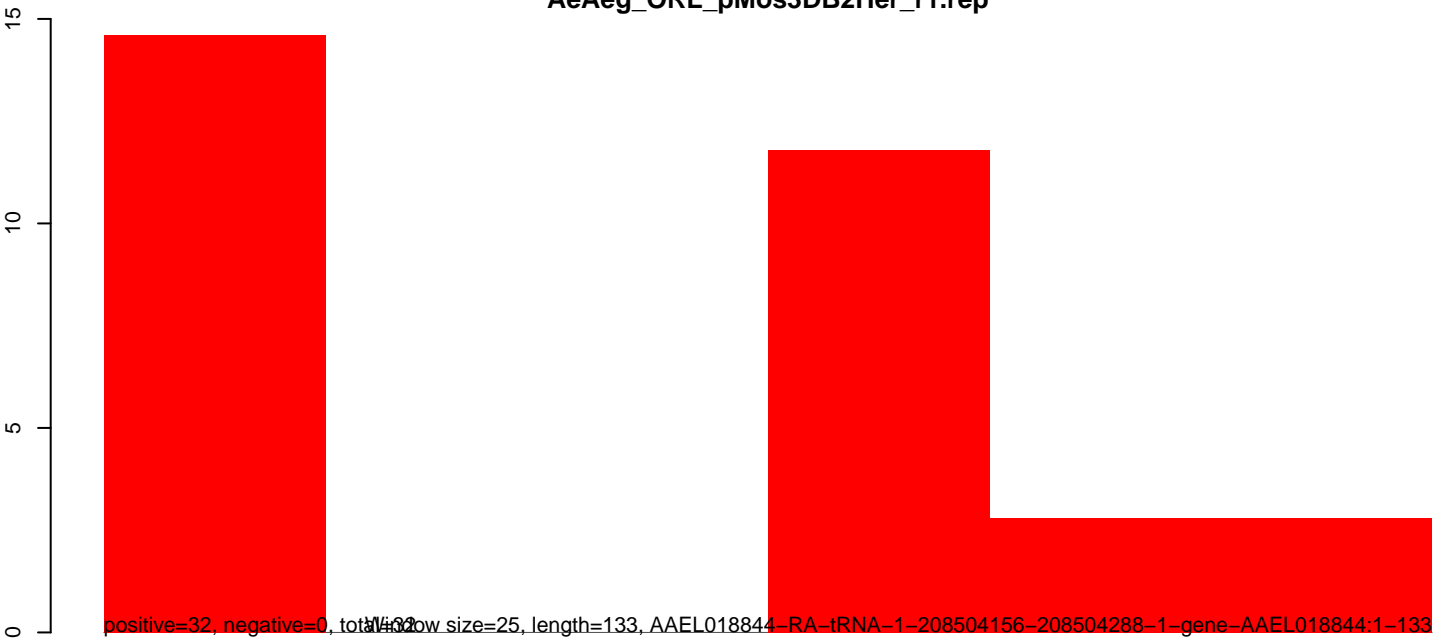
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AeAeg\_ORL\_pMos3DB2Her\_r1.rep



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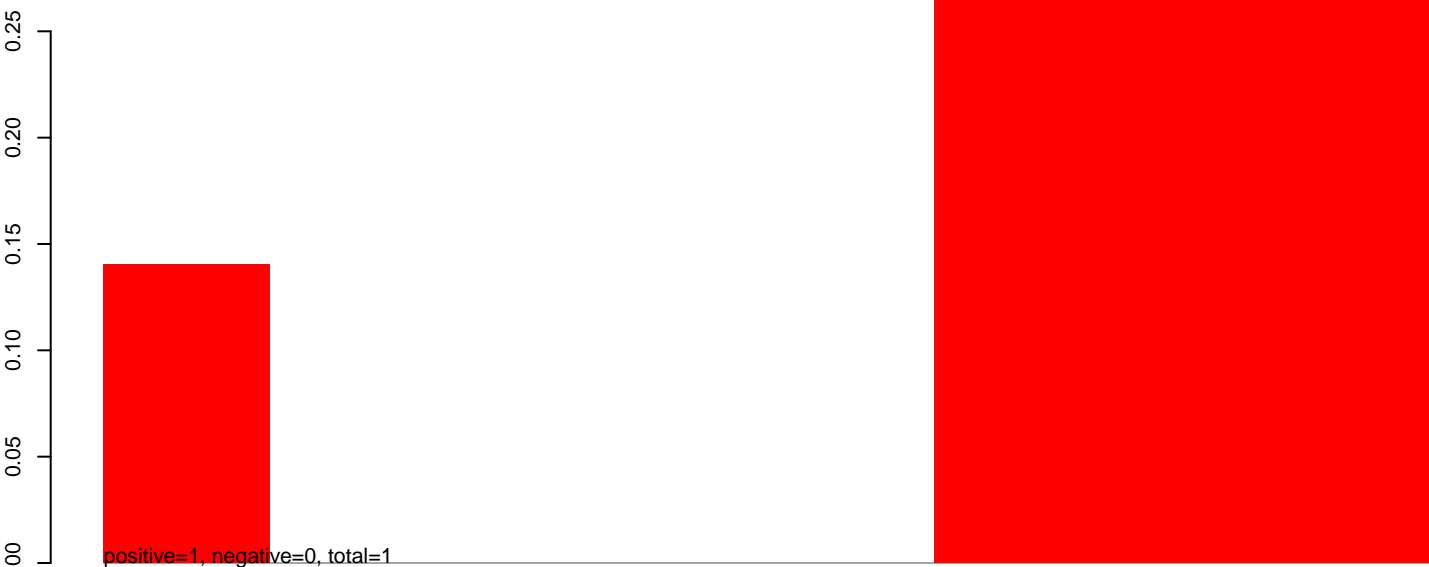
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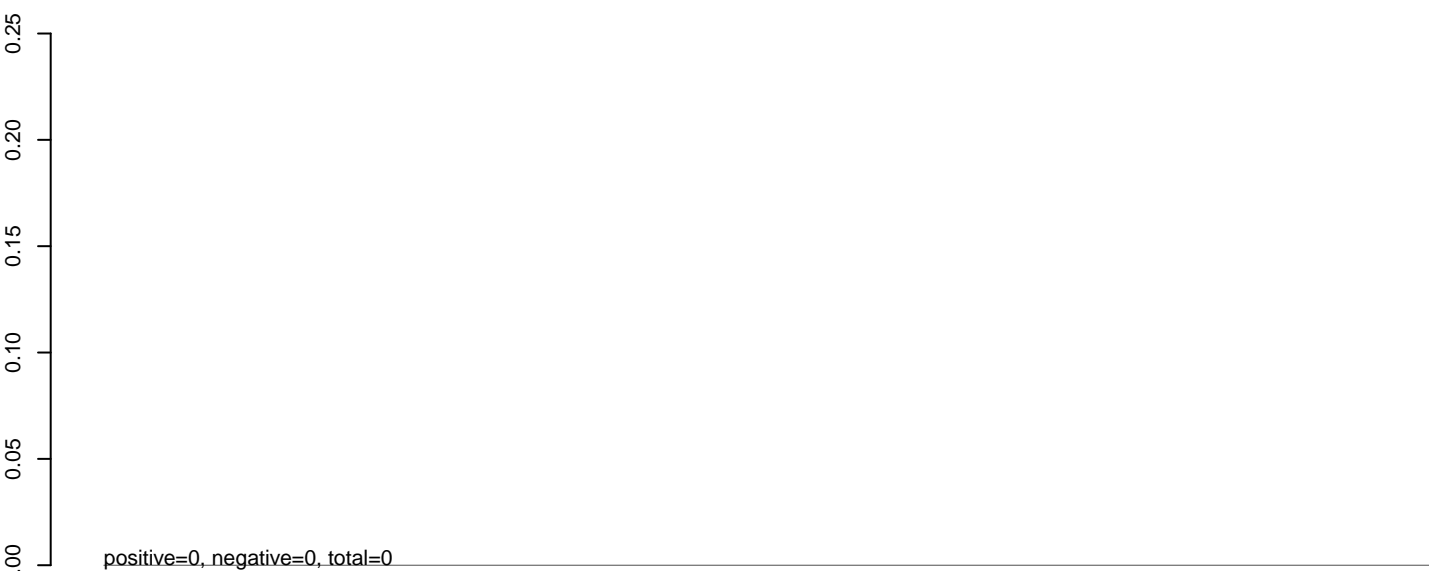
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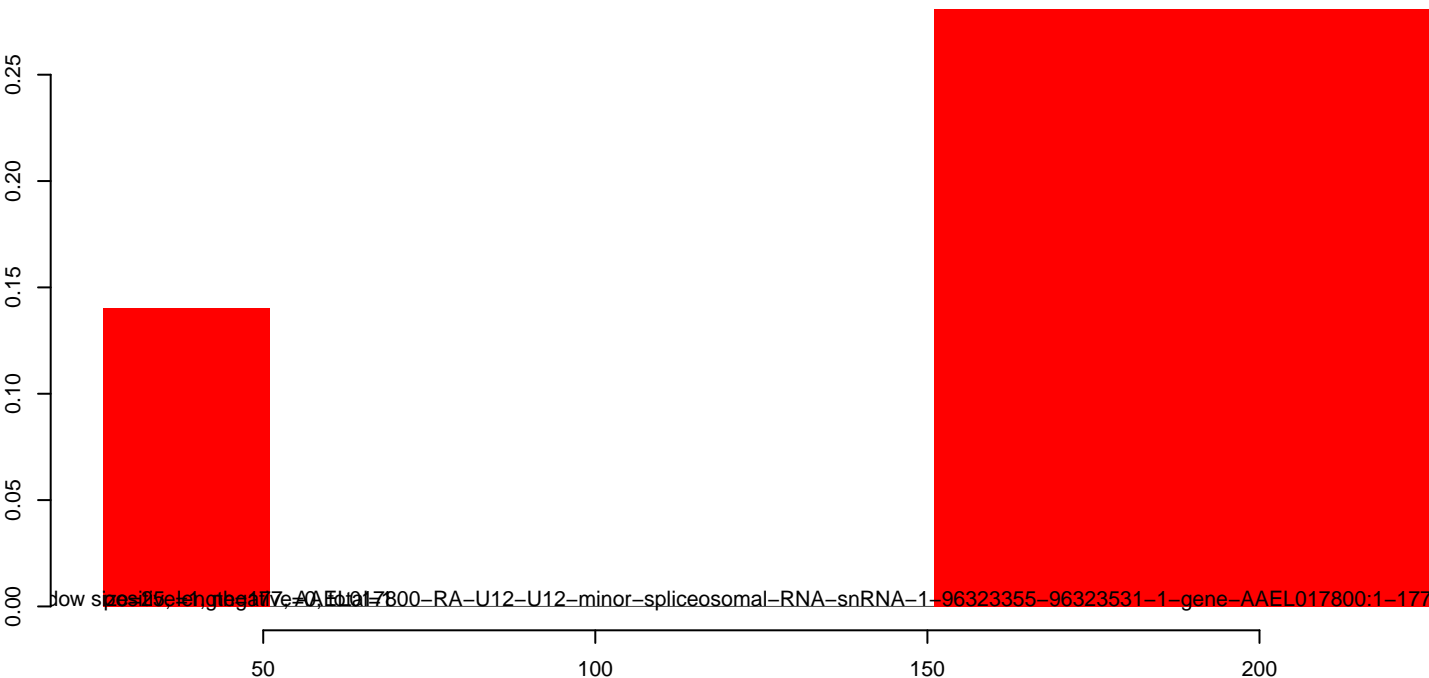
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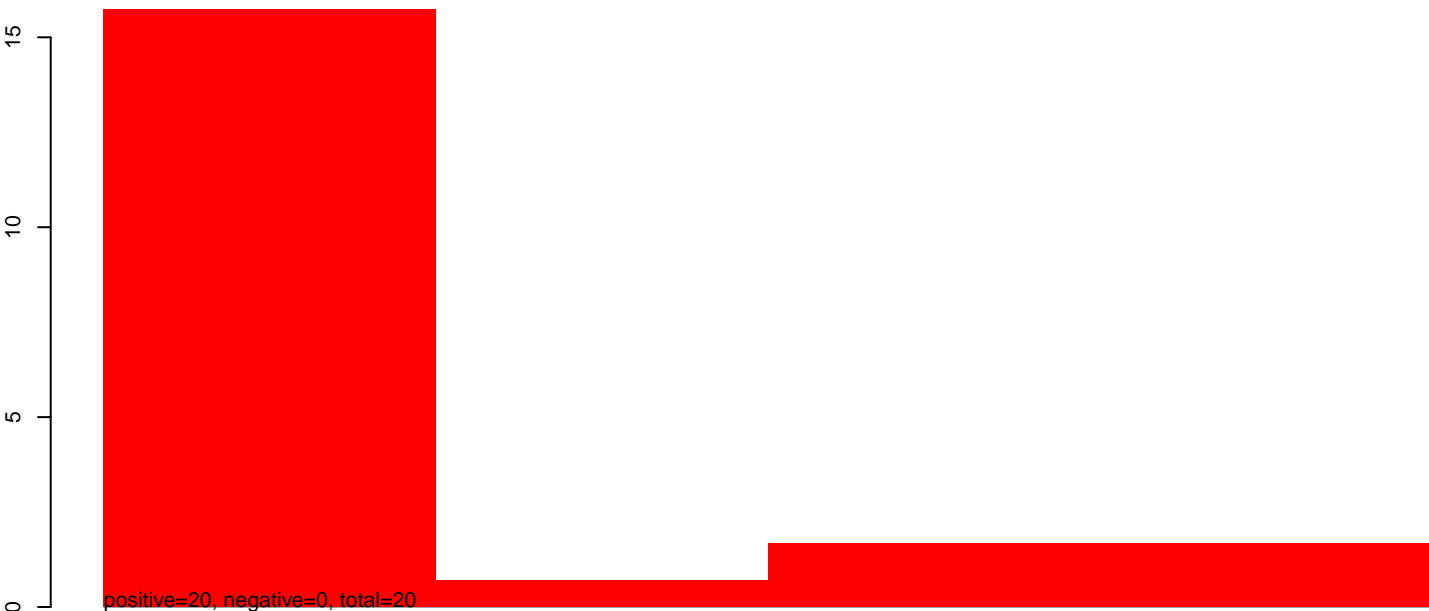
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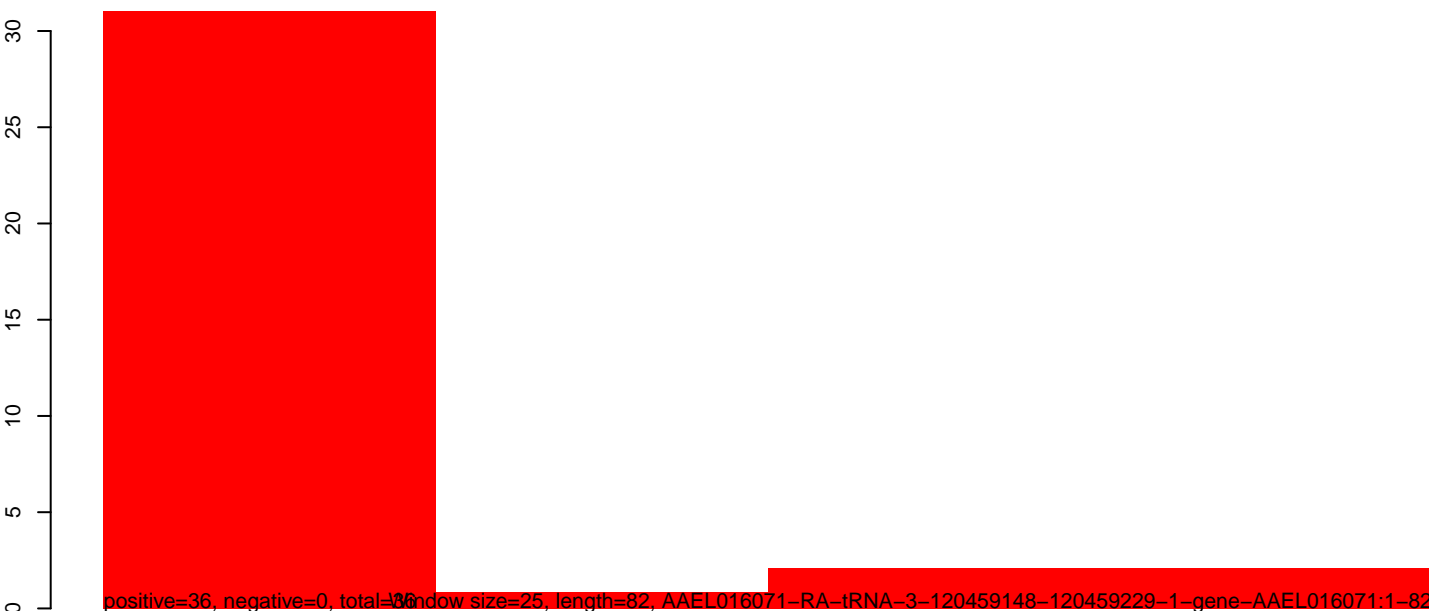
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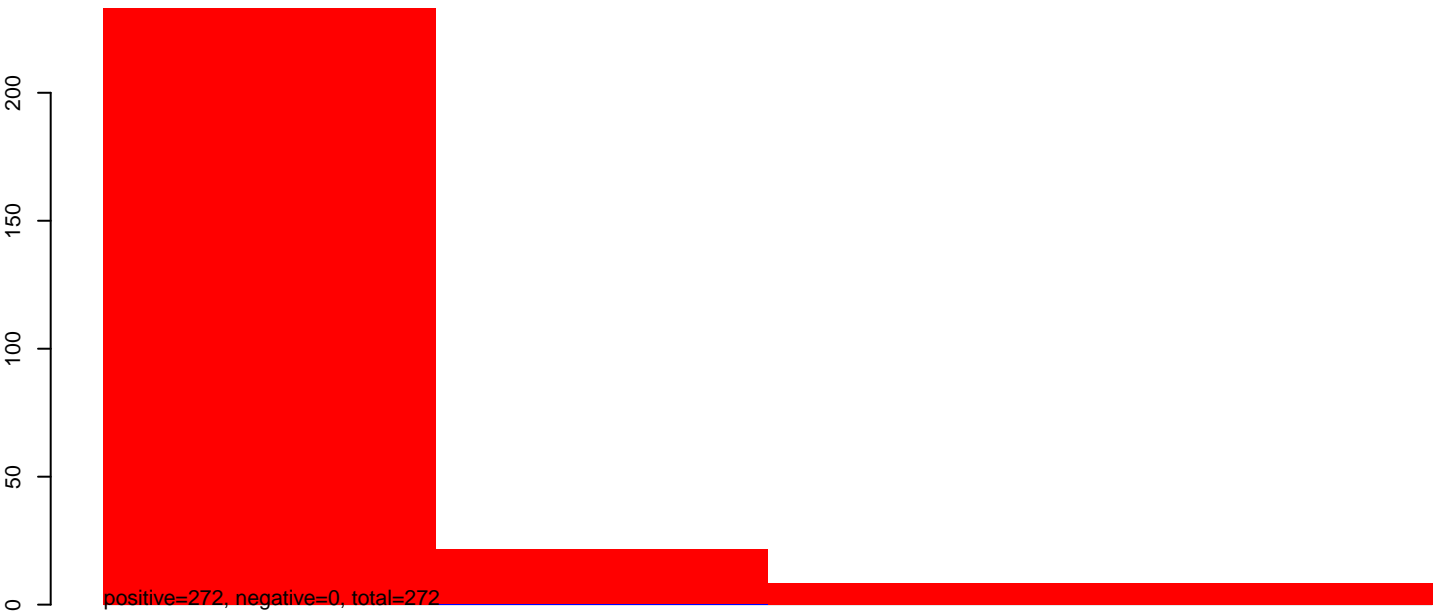


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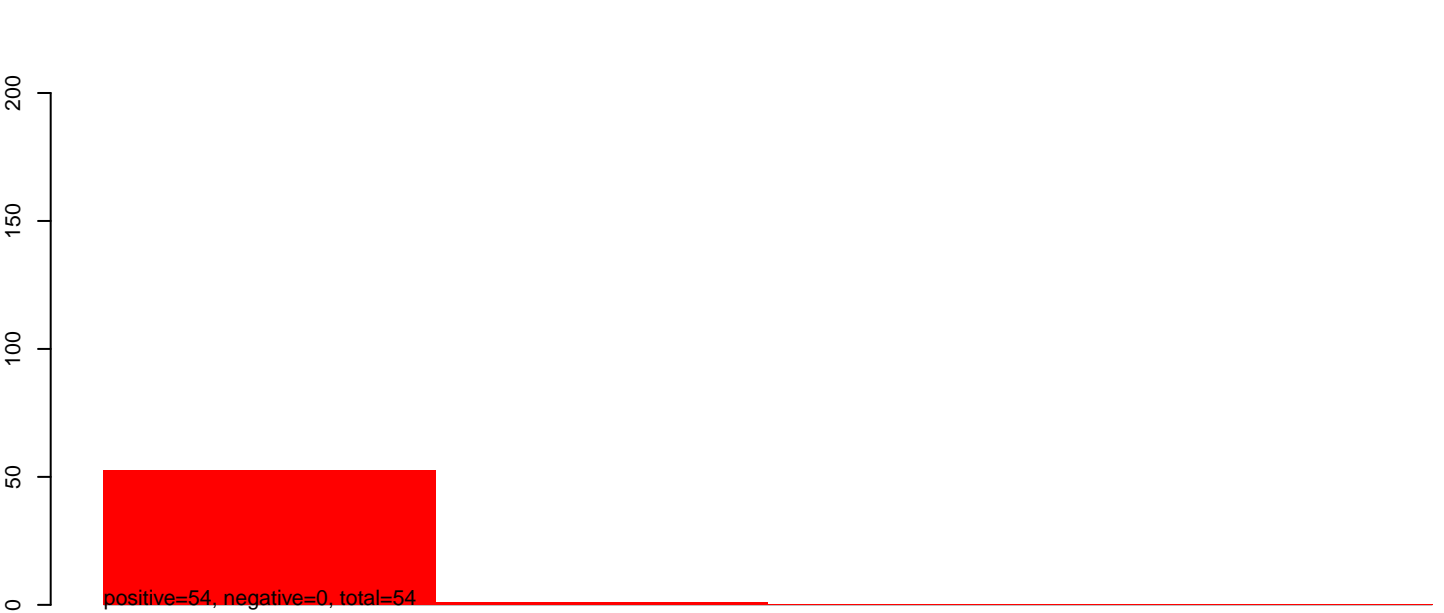


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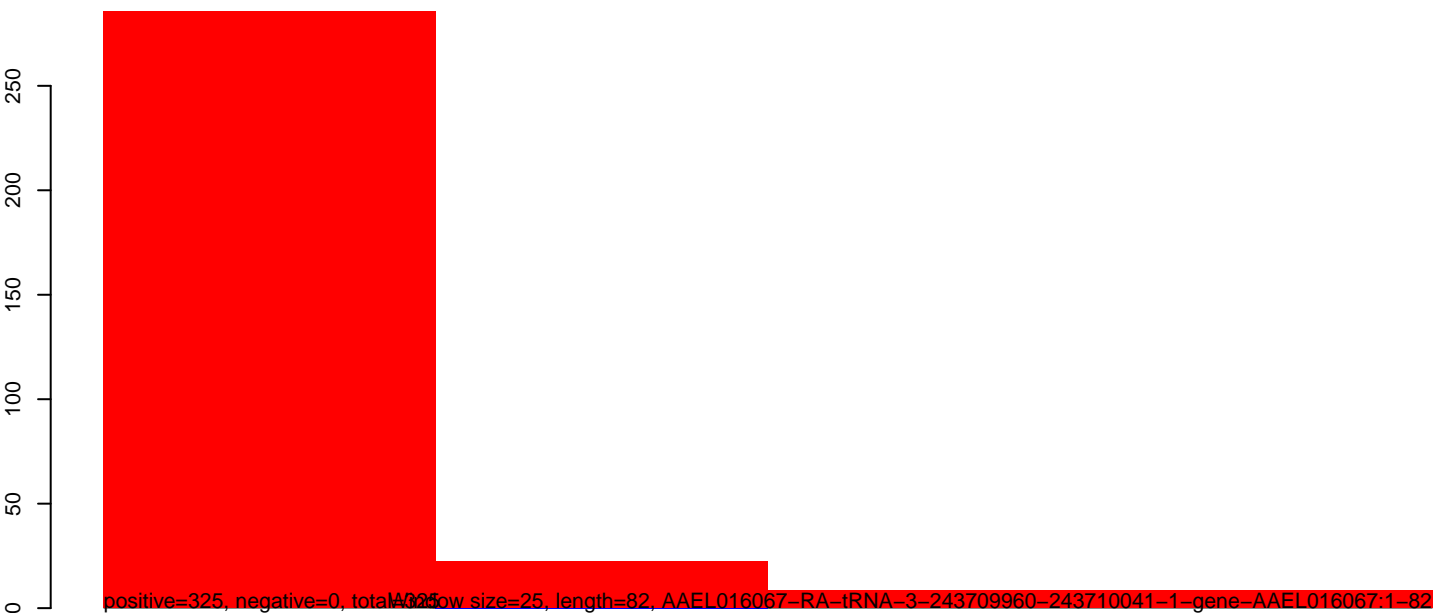
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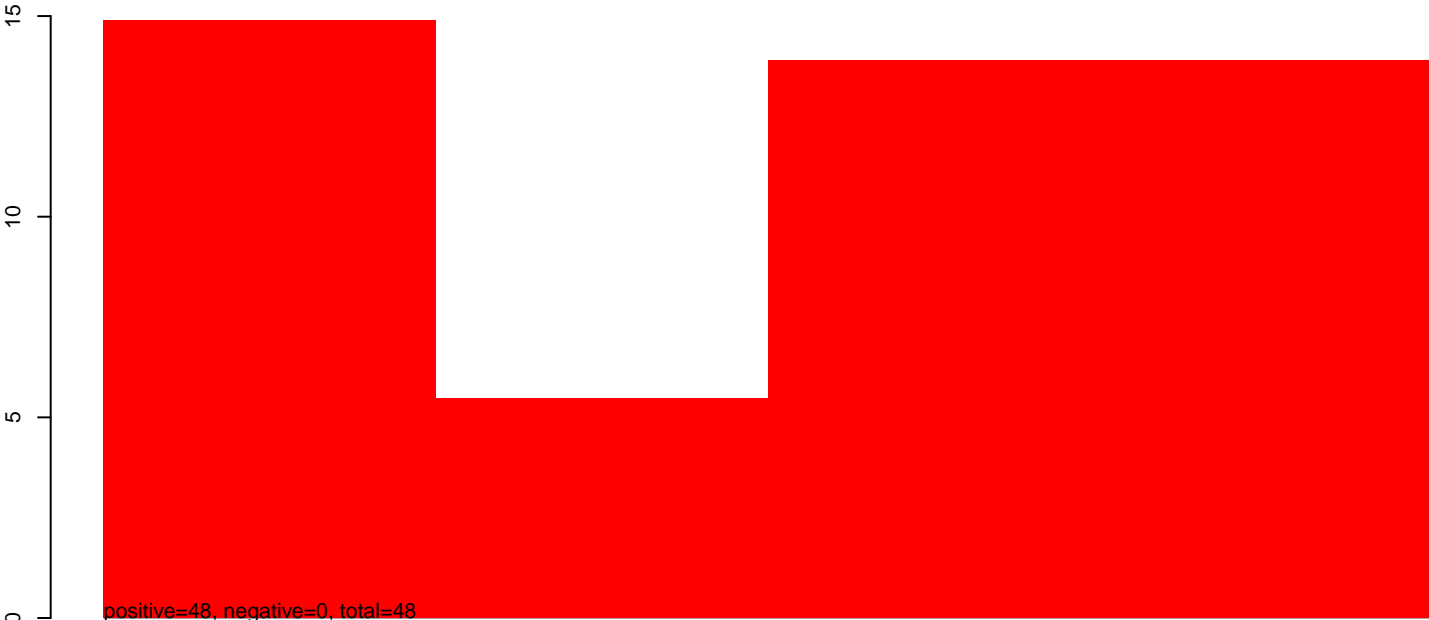


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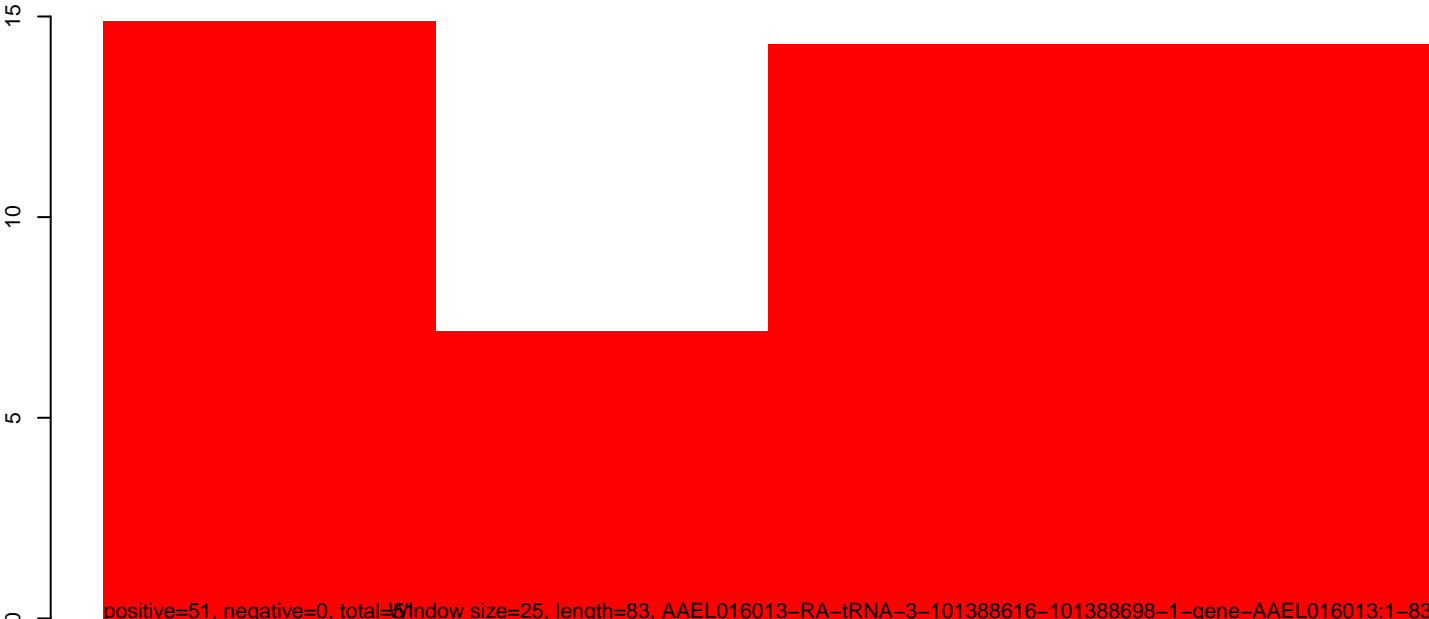
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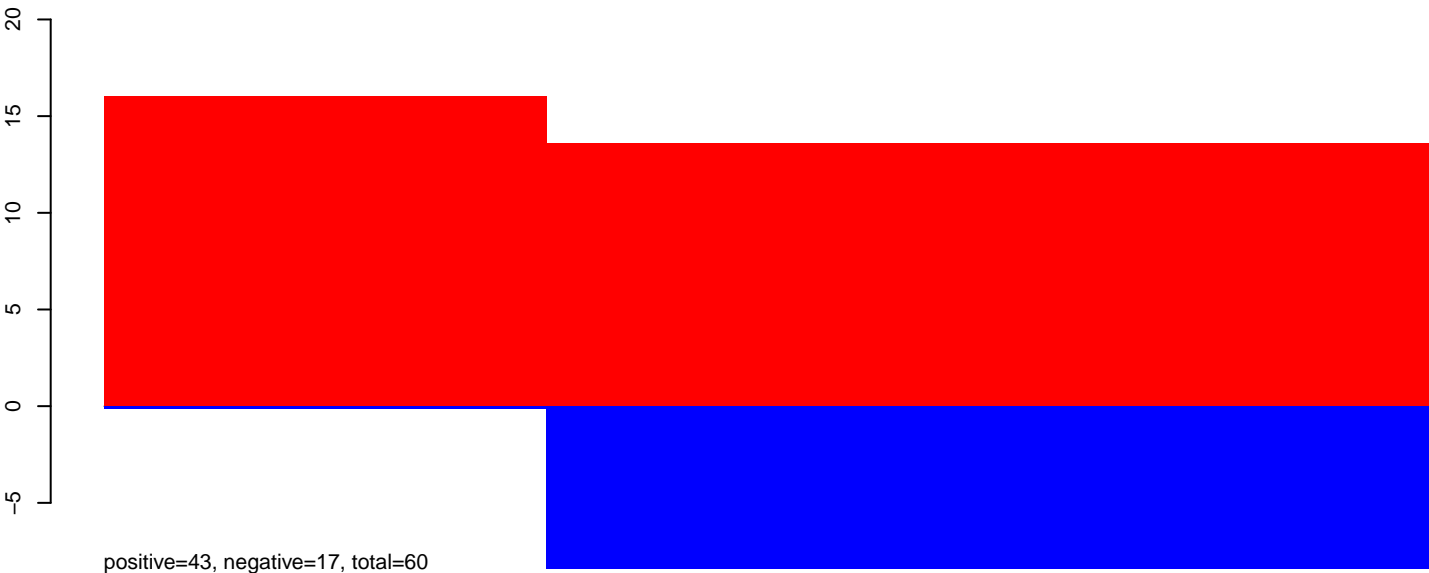


AeAeg\_ORL\_pMos3DB2Her\_r1.rep

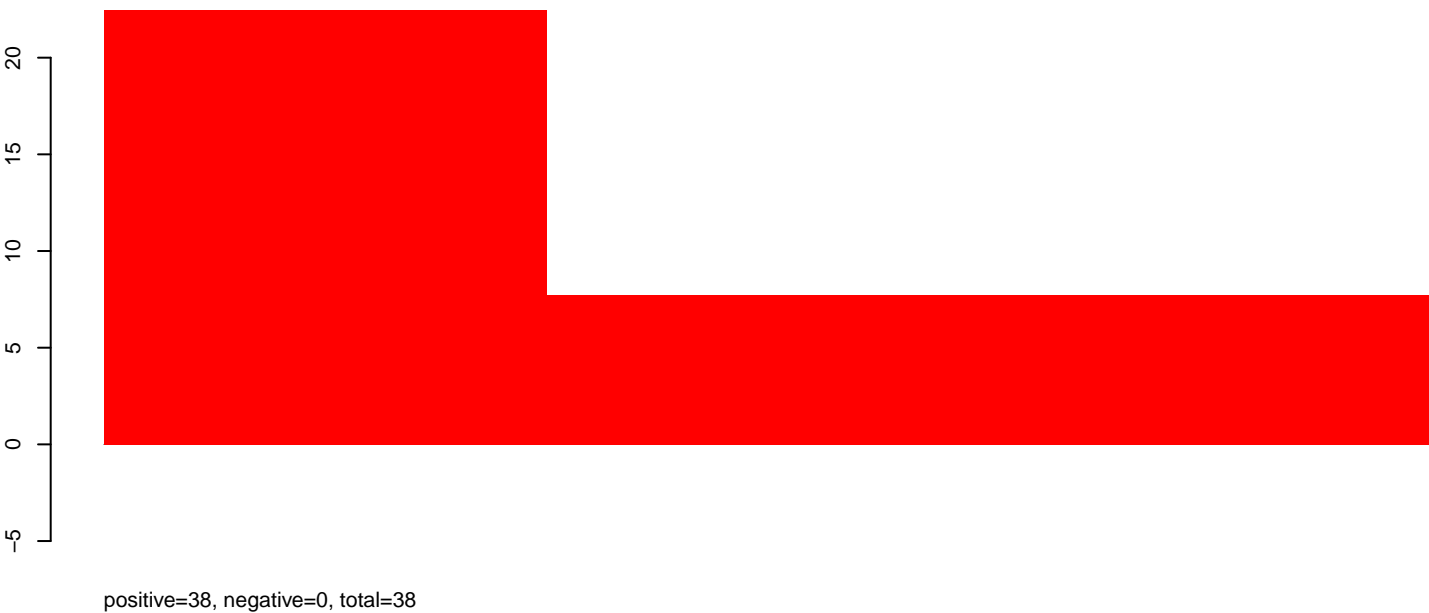


Window size=25, length=83, AAEL016013-RA-tRNA-3-101388616-101388698-1-gene-AAEL016013:1-83

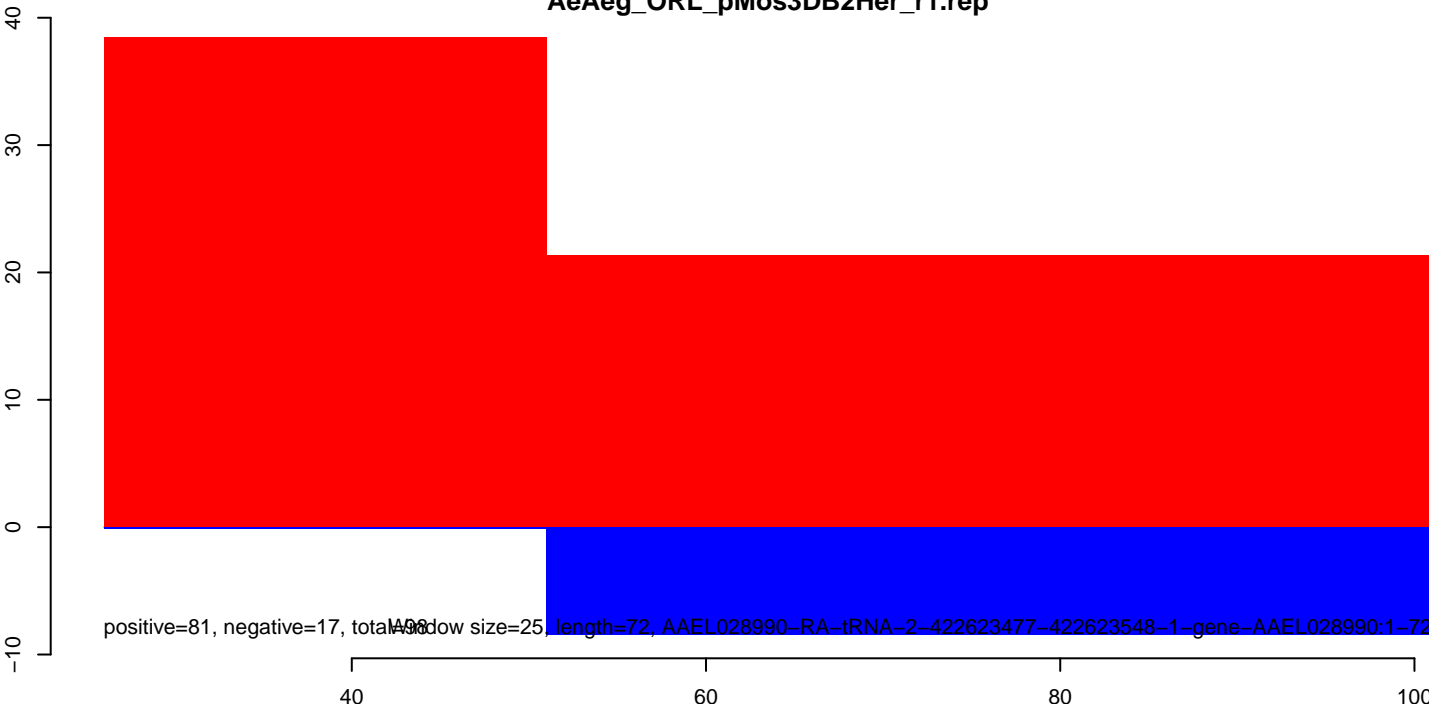
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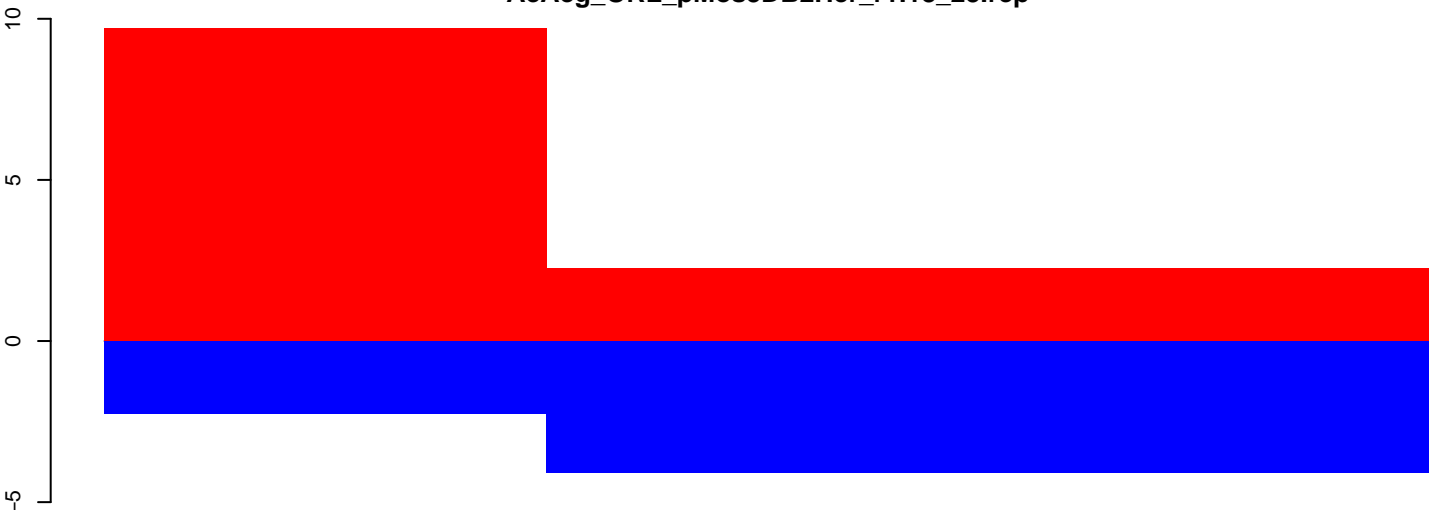
**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**

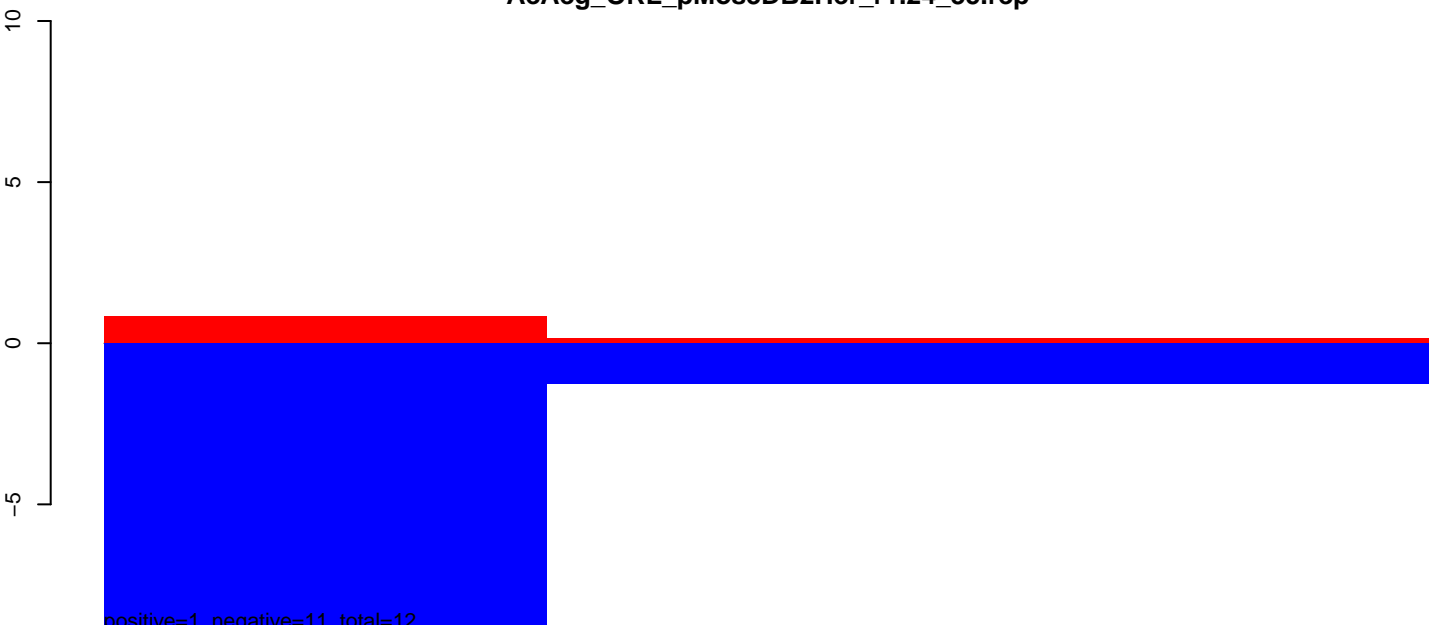


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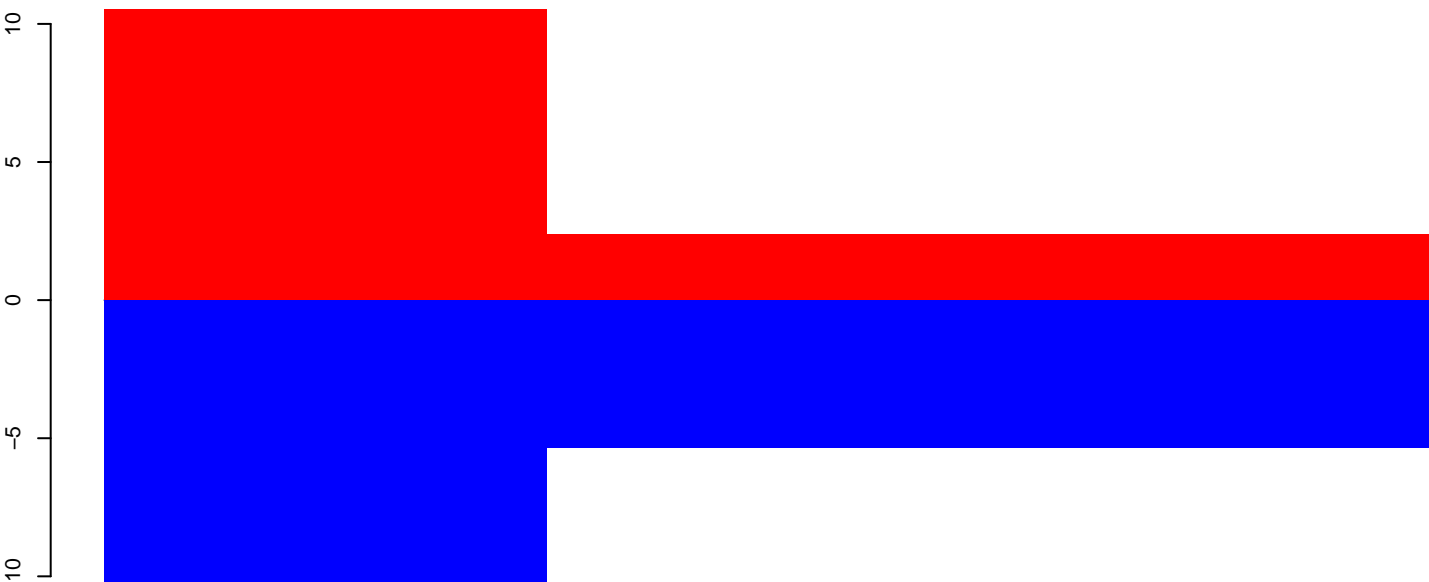
positive=14, negative=10, total=25

**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**



positive=1, negative=11, total=12

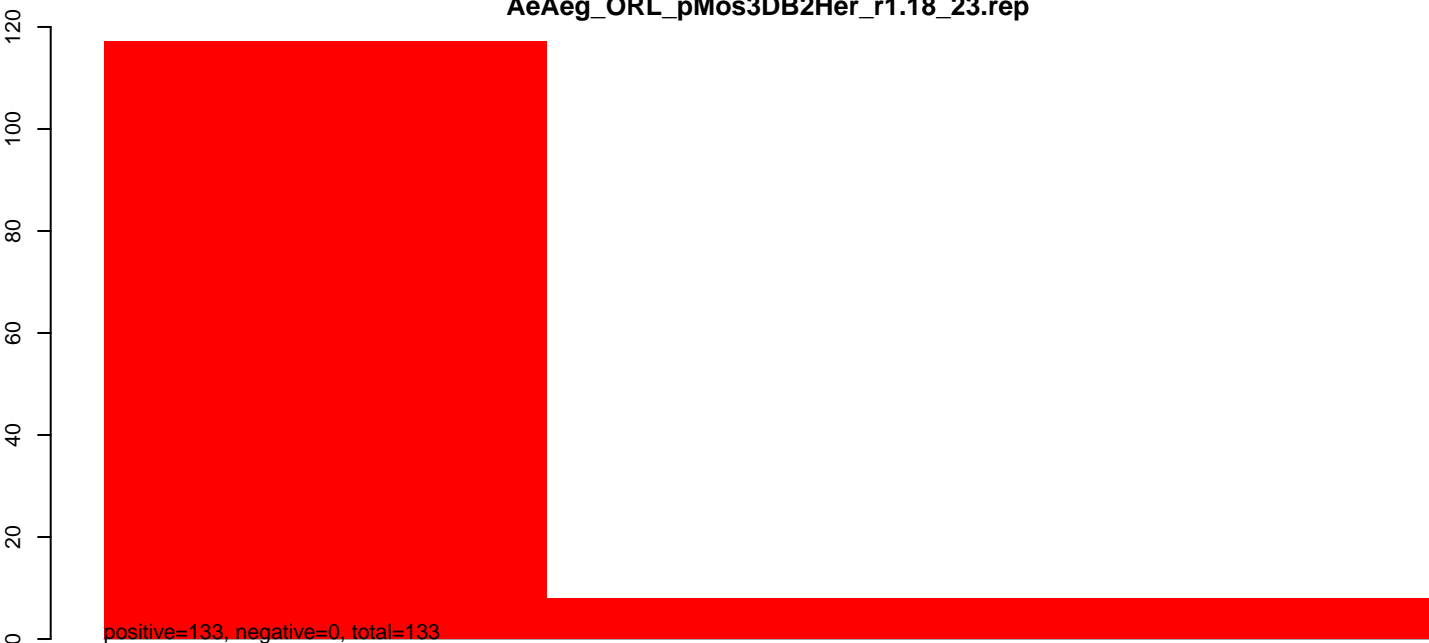
**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



positive=15, negative=22, total=37, window size=25, length=72, AAEL028937-RA-tRNA-2-229781842-229781913-1-gene-AAEL028937:1-72

40 60 80 100

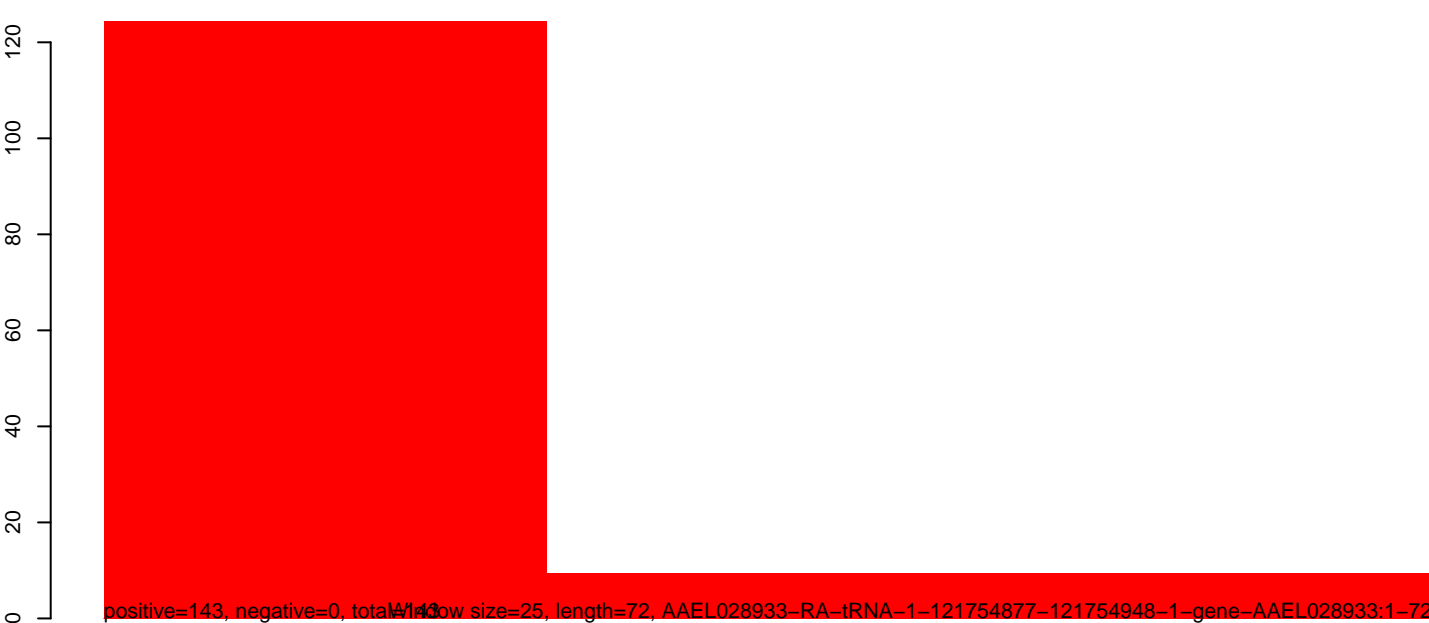
**AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep**



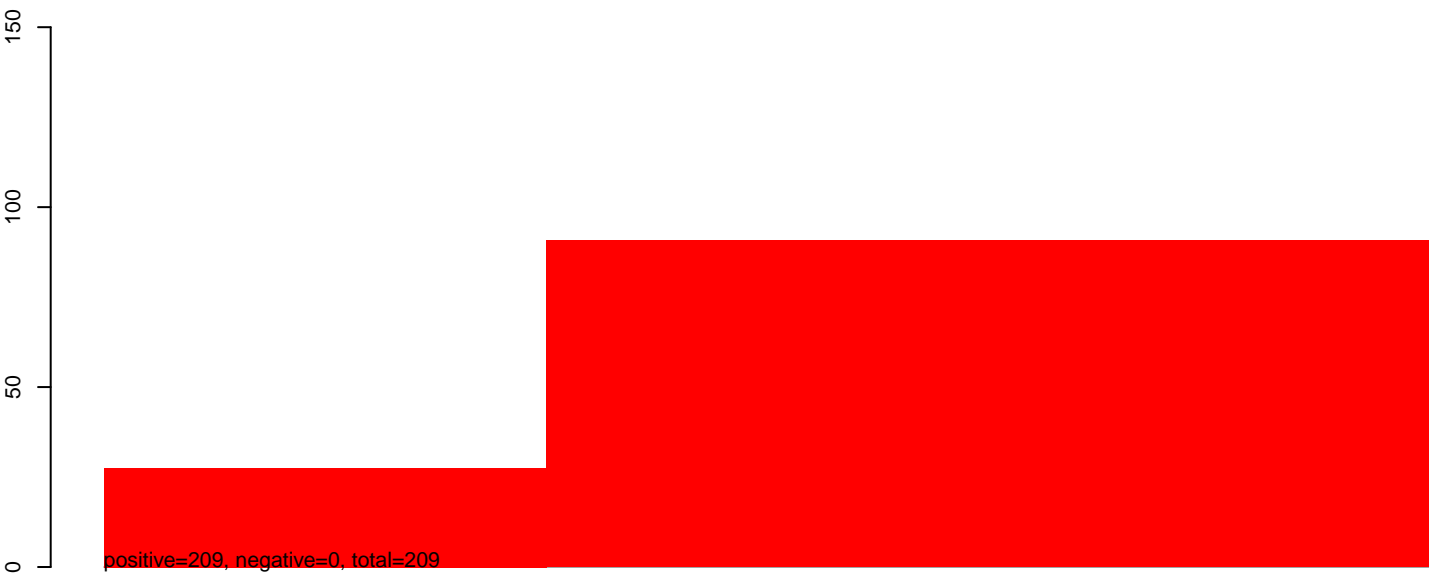
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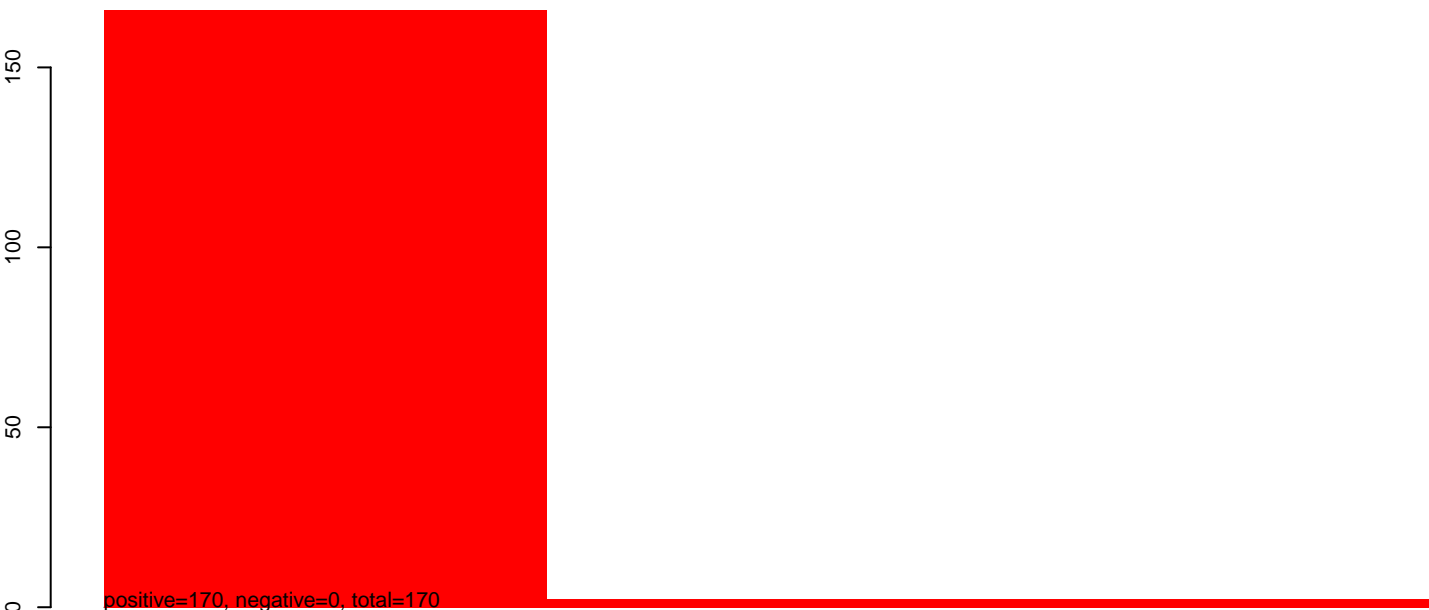
**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



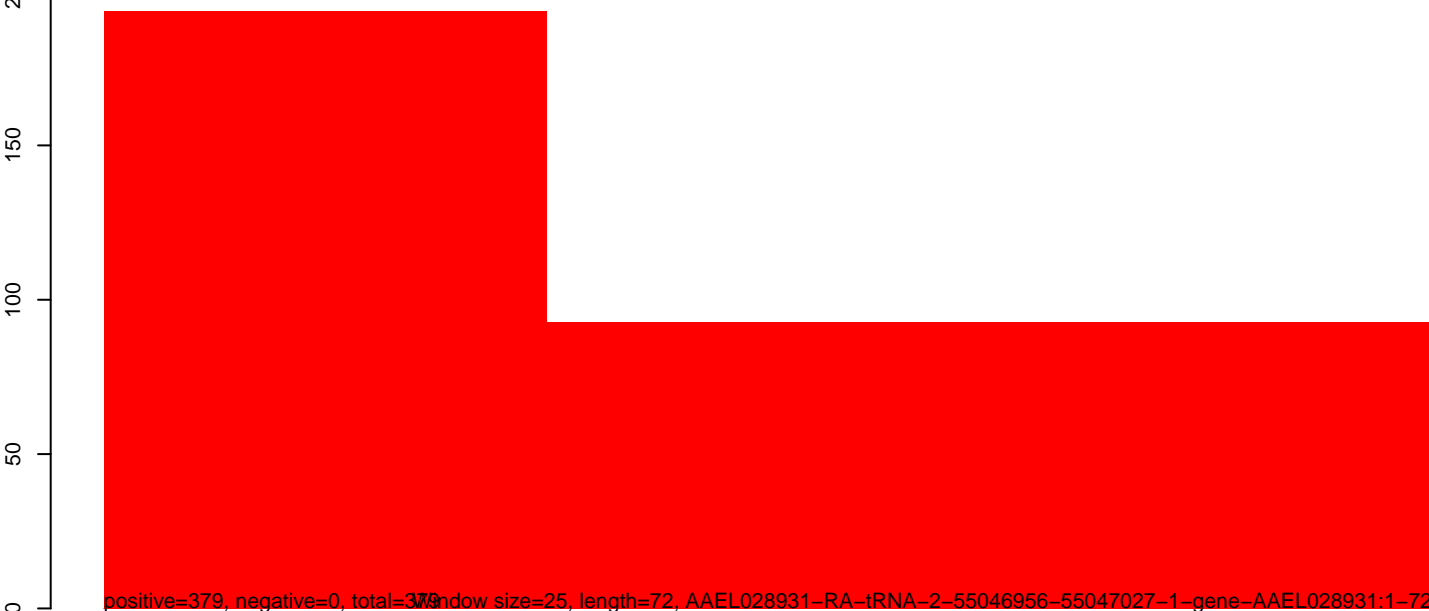
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**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**

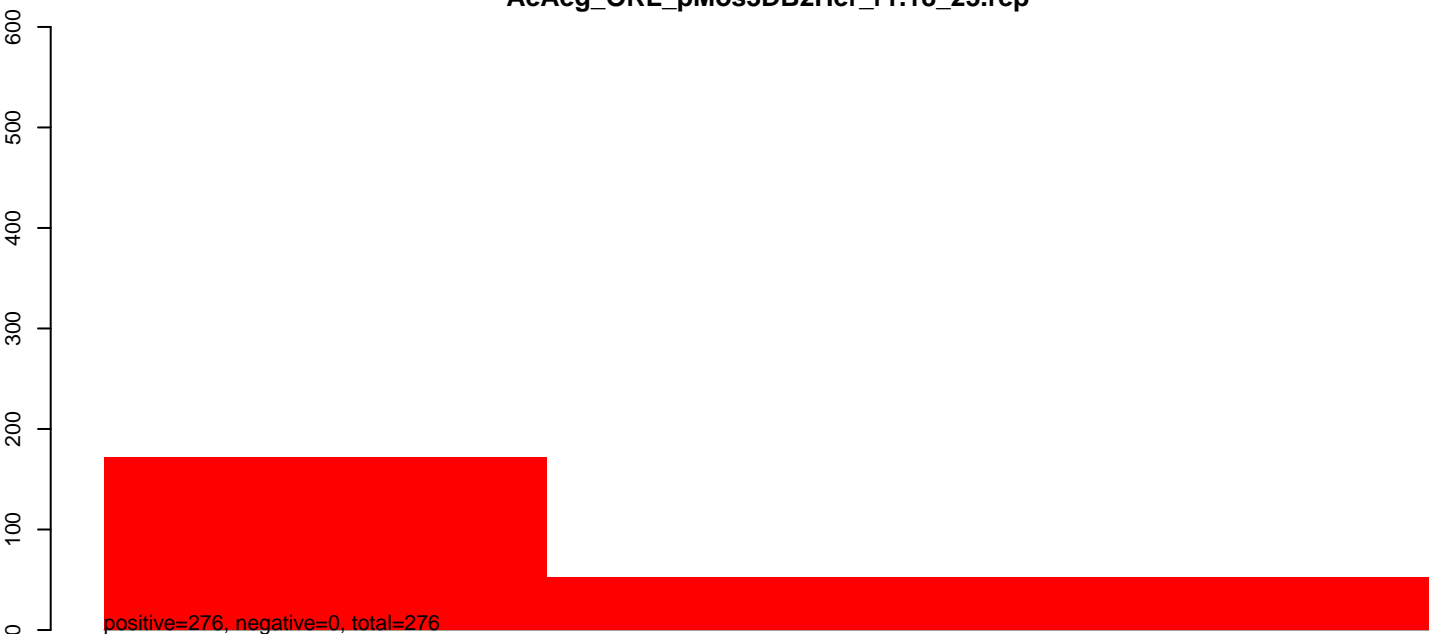


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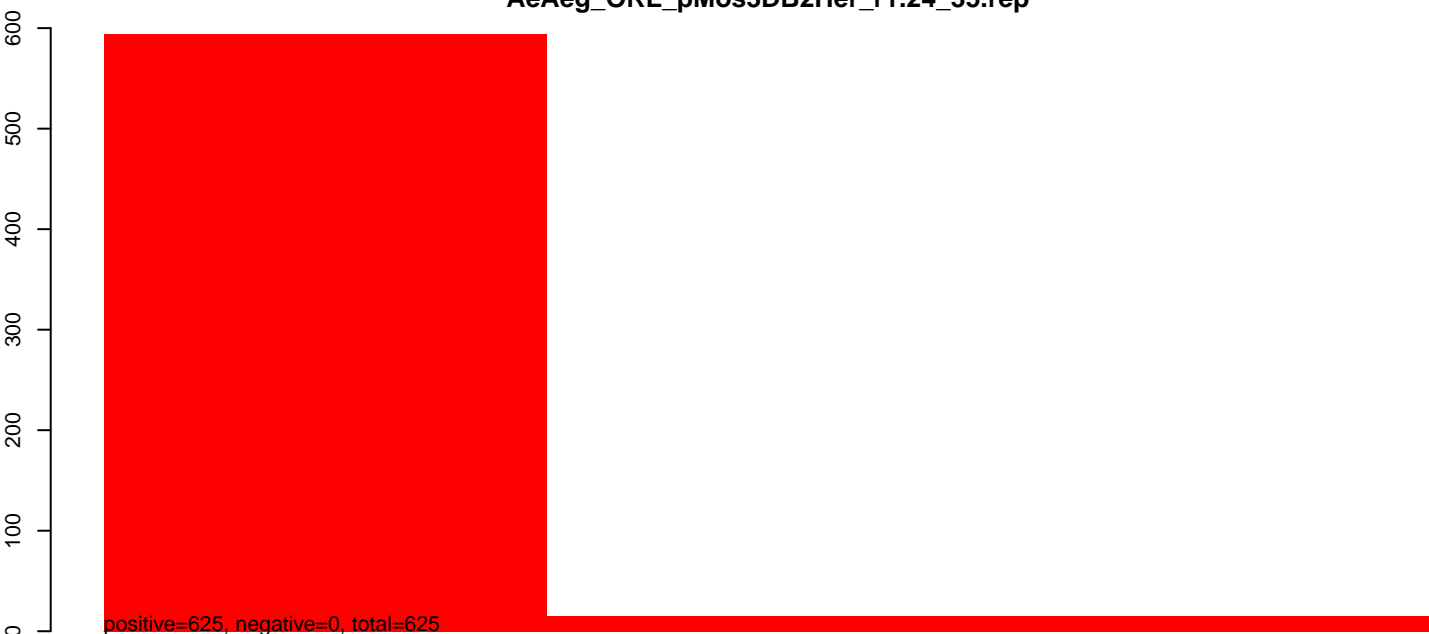




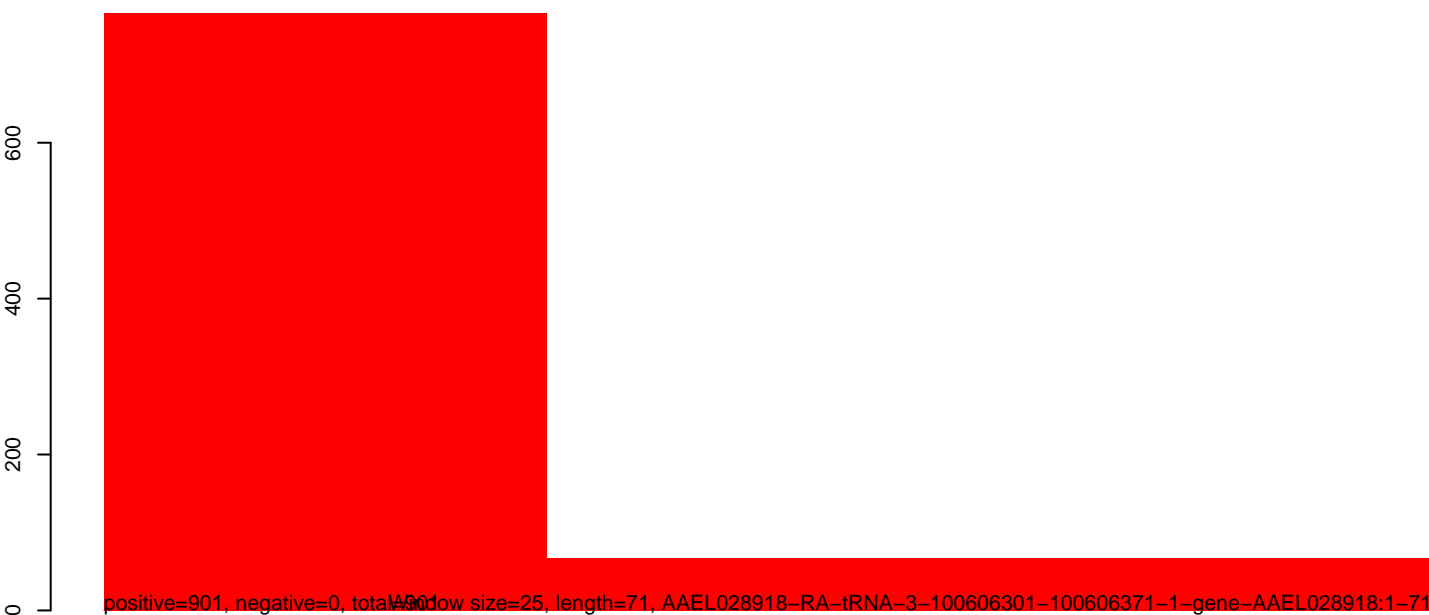
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AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep

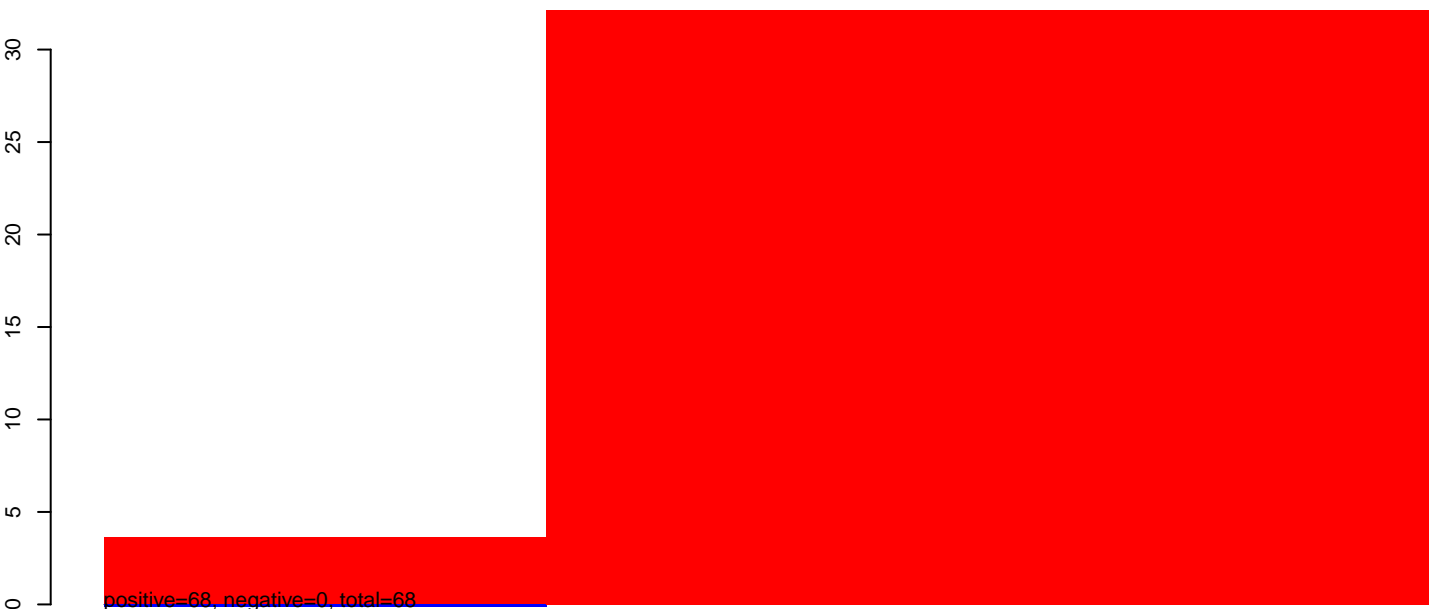


AeAeg\_ORL\_pMos3DB2Her\_r1.rep



40 60 80 100  
AAEL028918-RA-tRNA-3-100606301-100606371-1-gene-AAEL028918:1-71

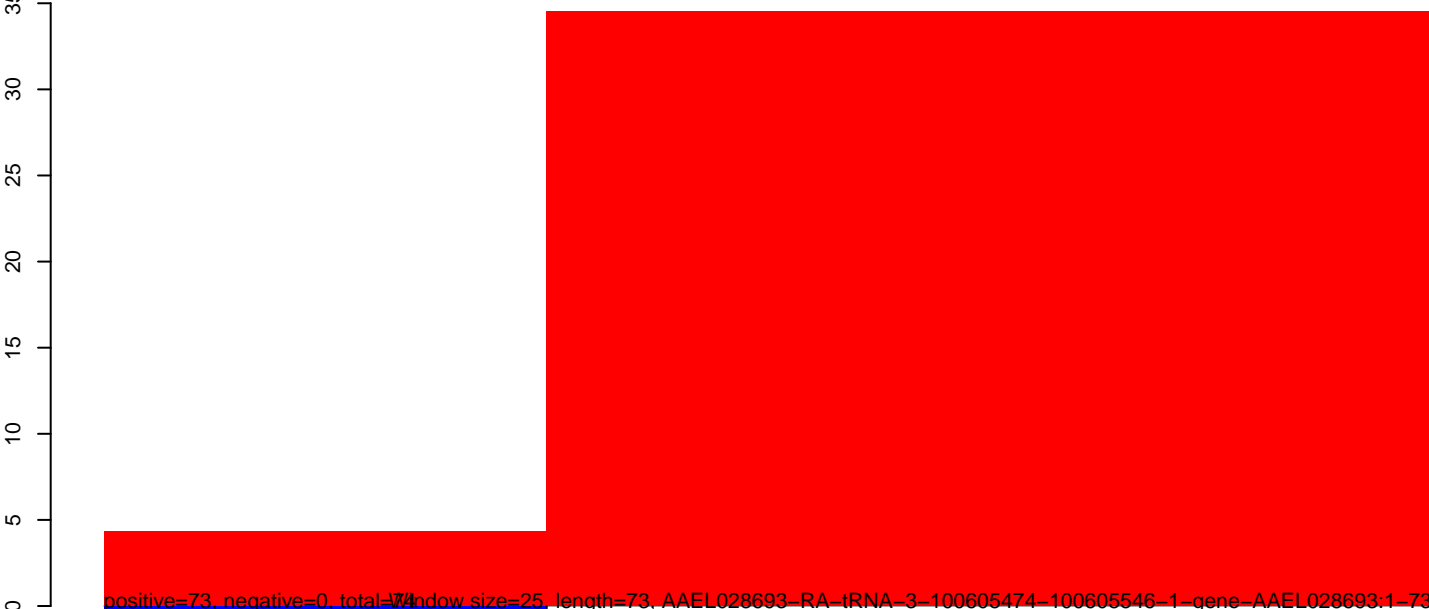
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AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep



AeAeg\_ORL\_pMos3DB2Her\_r1.rep

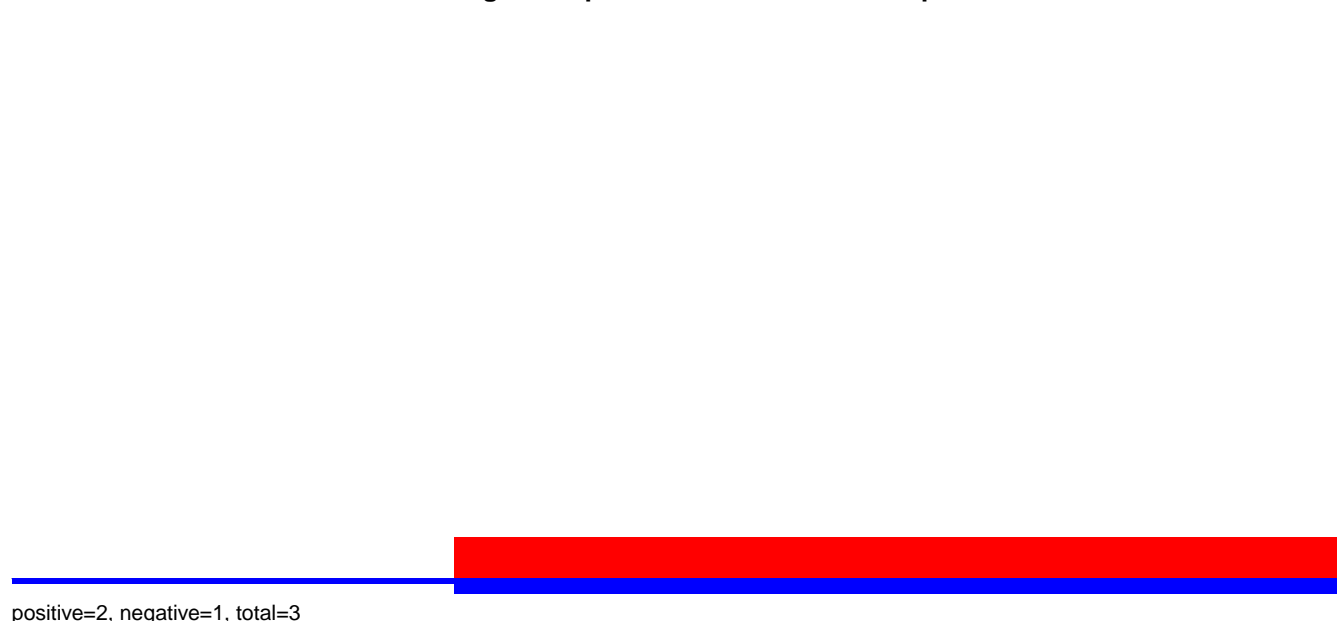


Window size=25, length=73, AAEL028693-RA-trNA-3-100605474-100605546-1-gene-AAEL028693:1-73

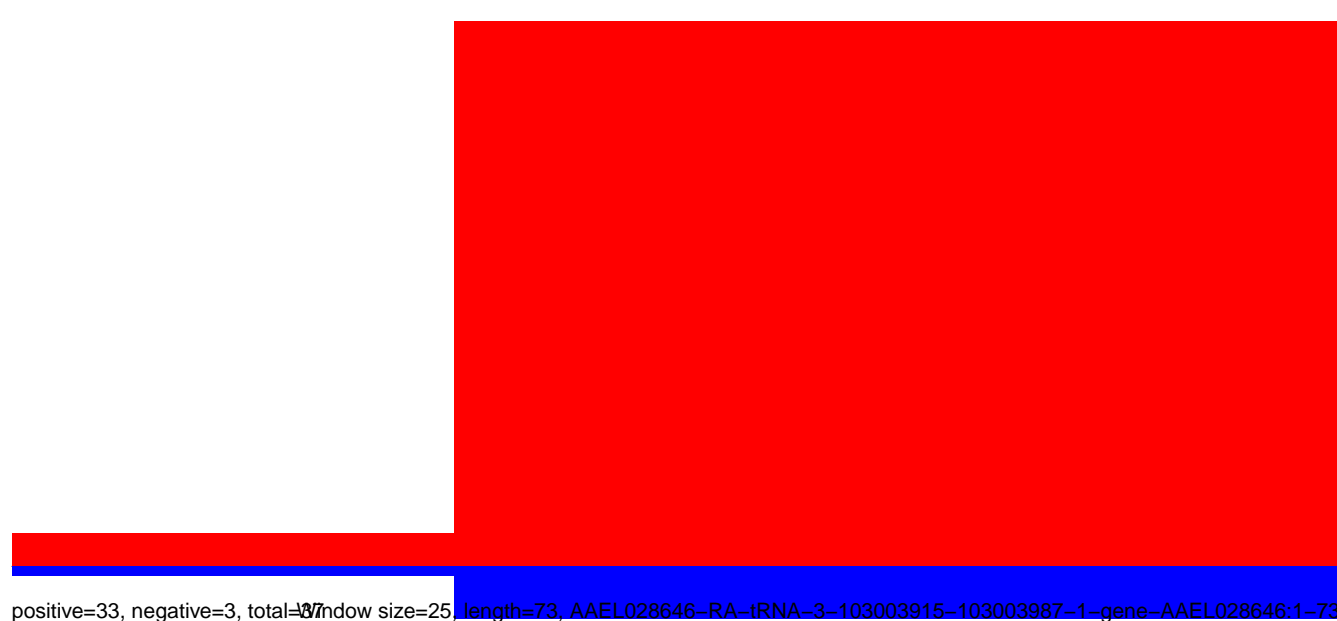
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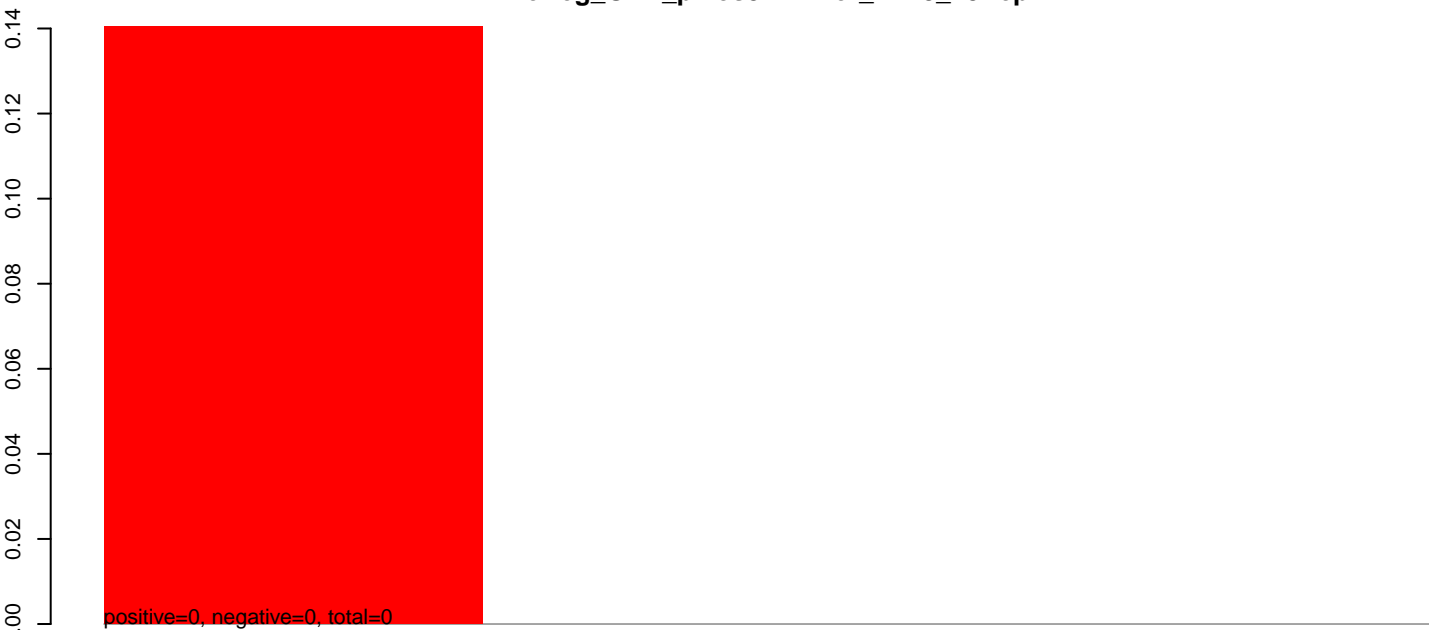
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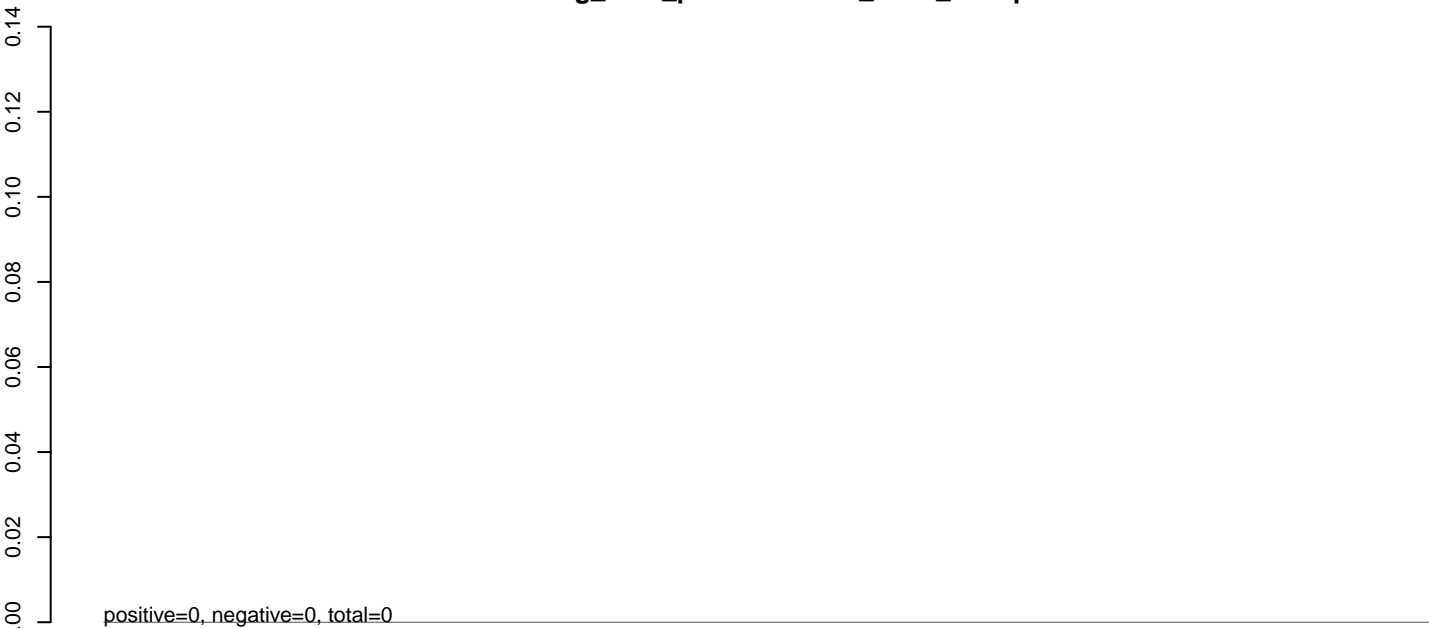
**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



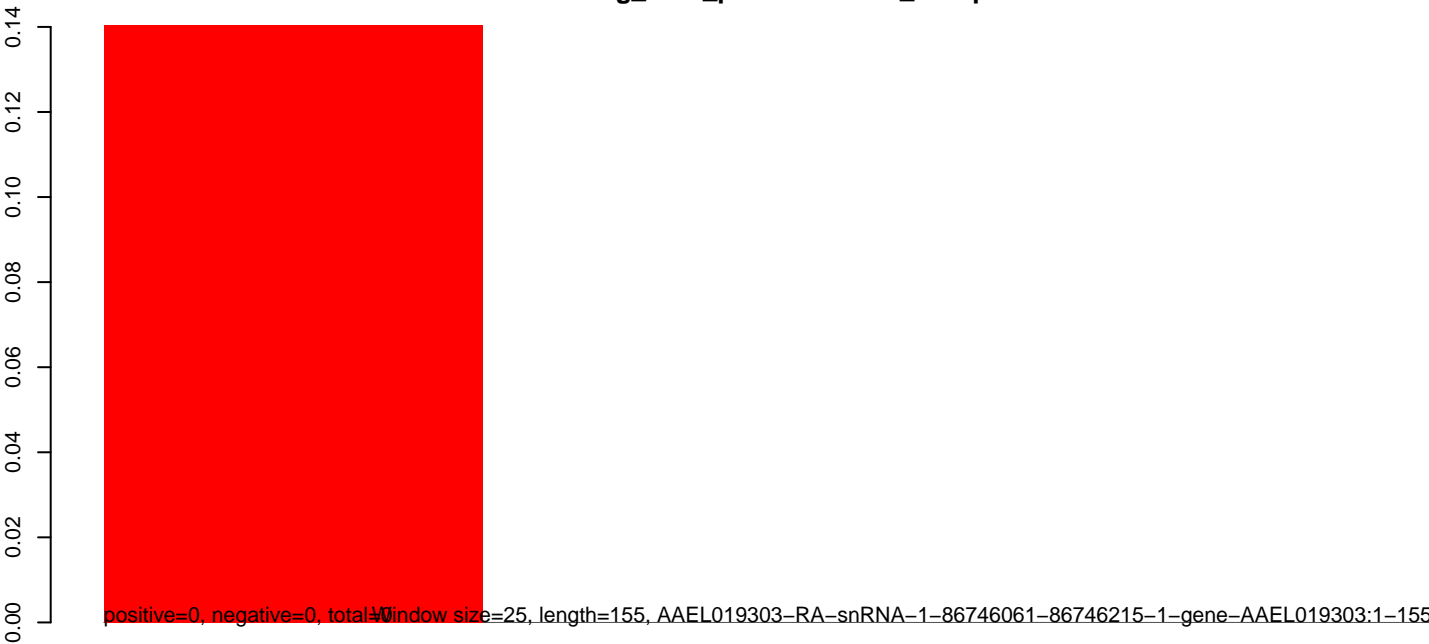
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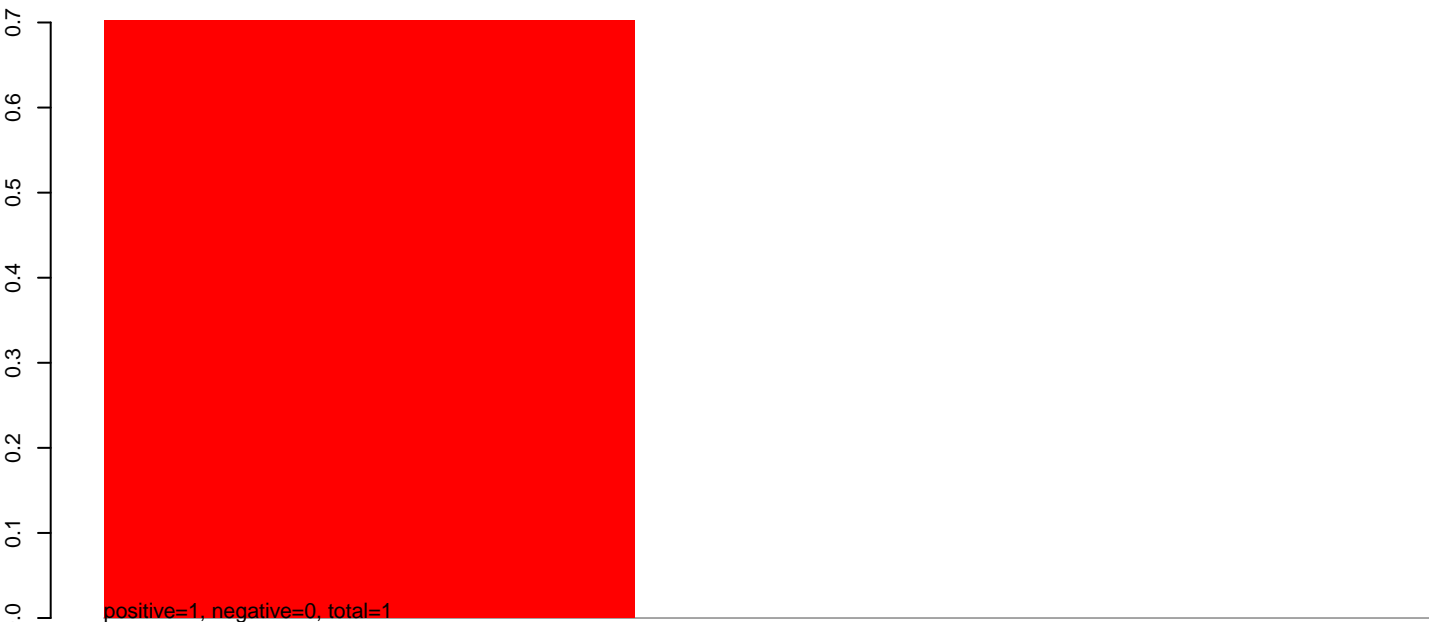
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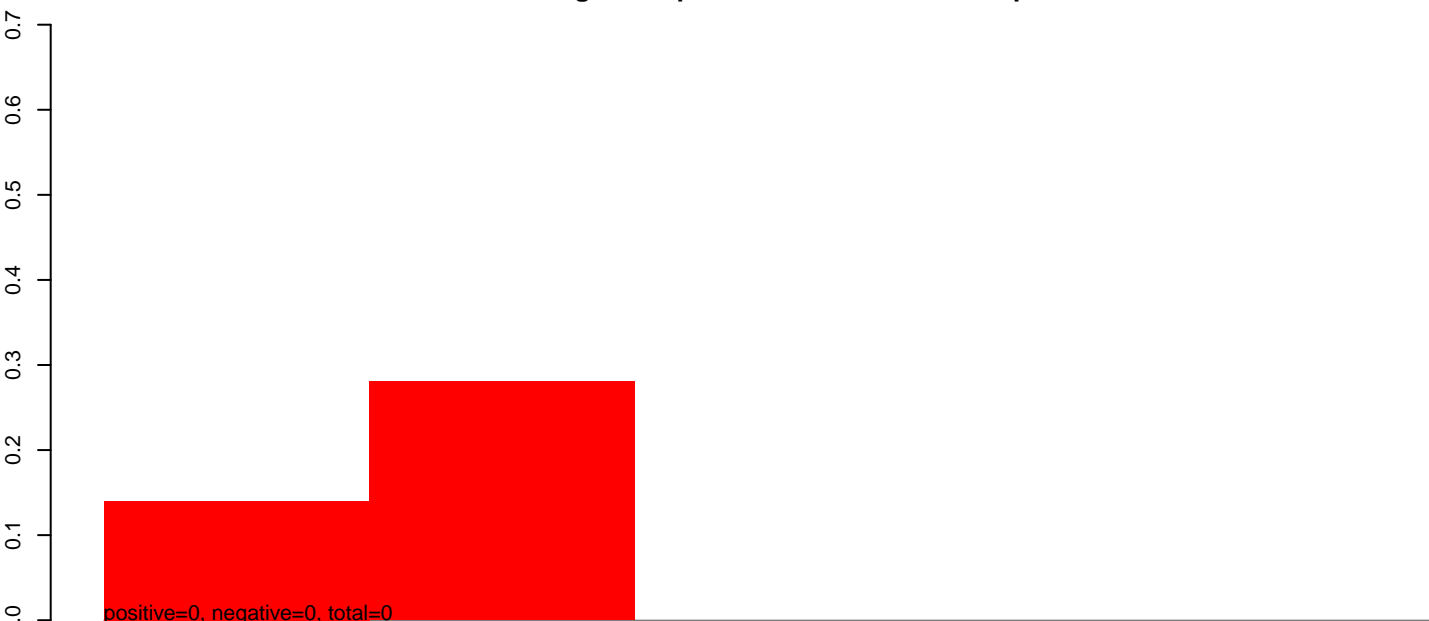
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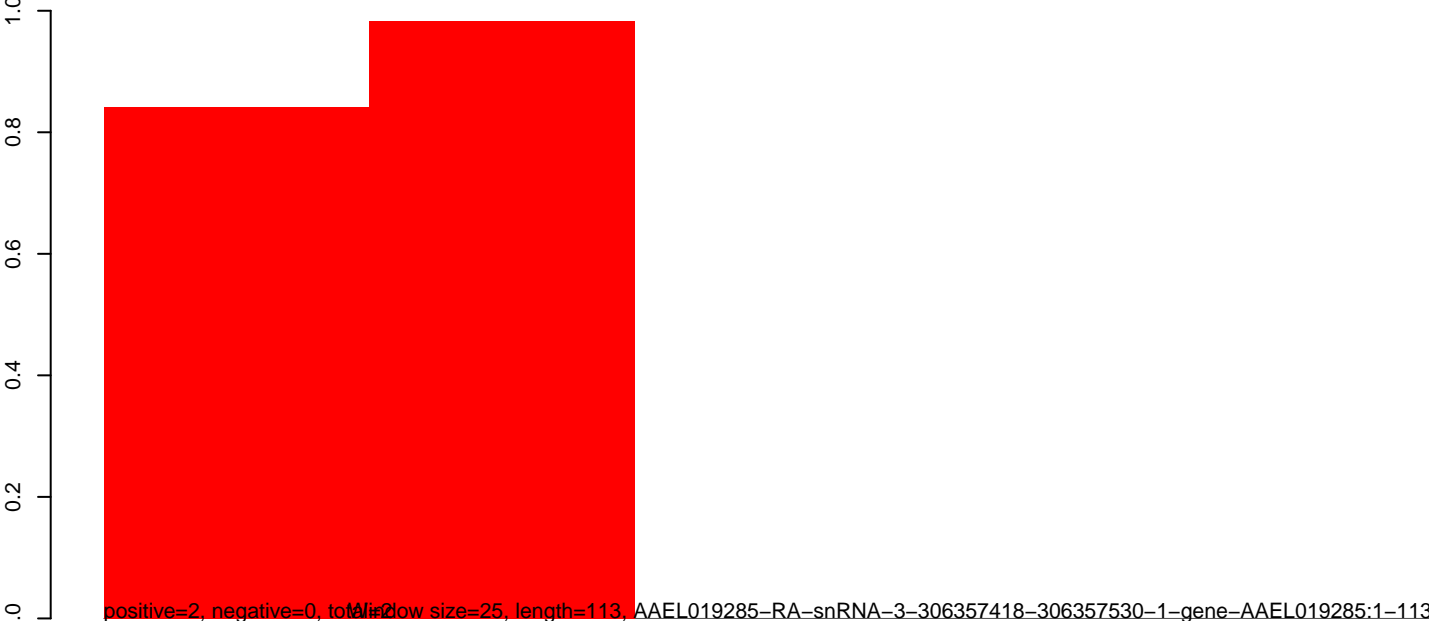
AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep



AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep



AeAeg\_ORL\_pMos3DB2Her\_r1.rep



AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep



AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep



AeAeg\_ORL\_pMos3DB2Her\_r1.rep



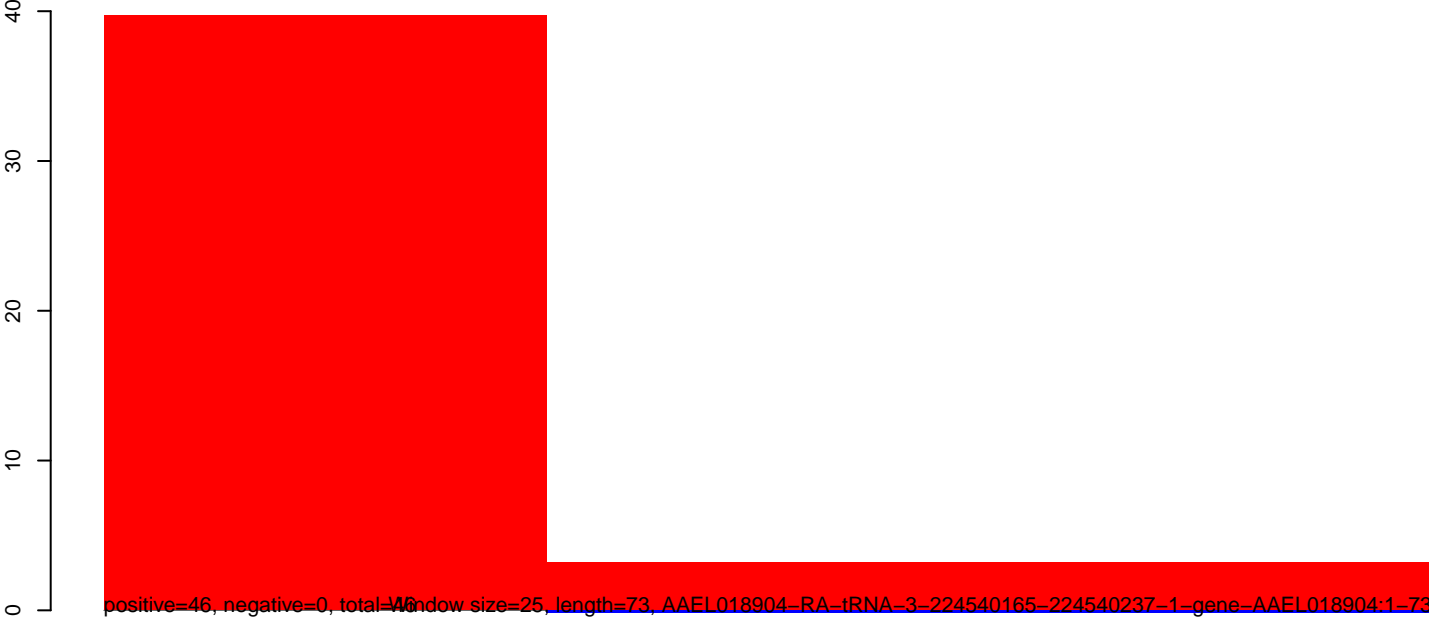
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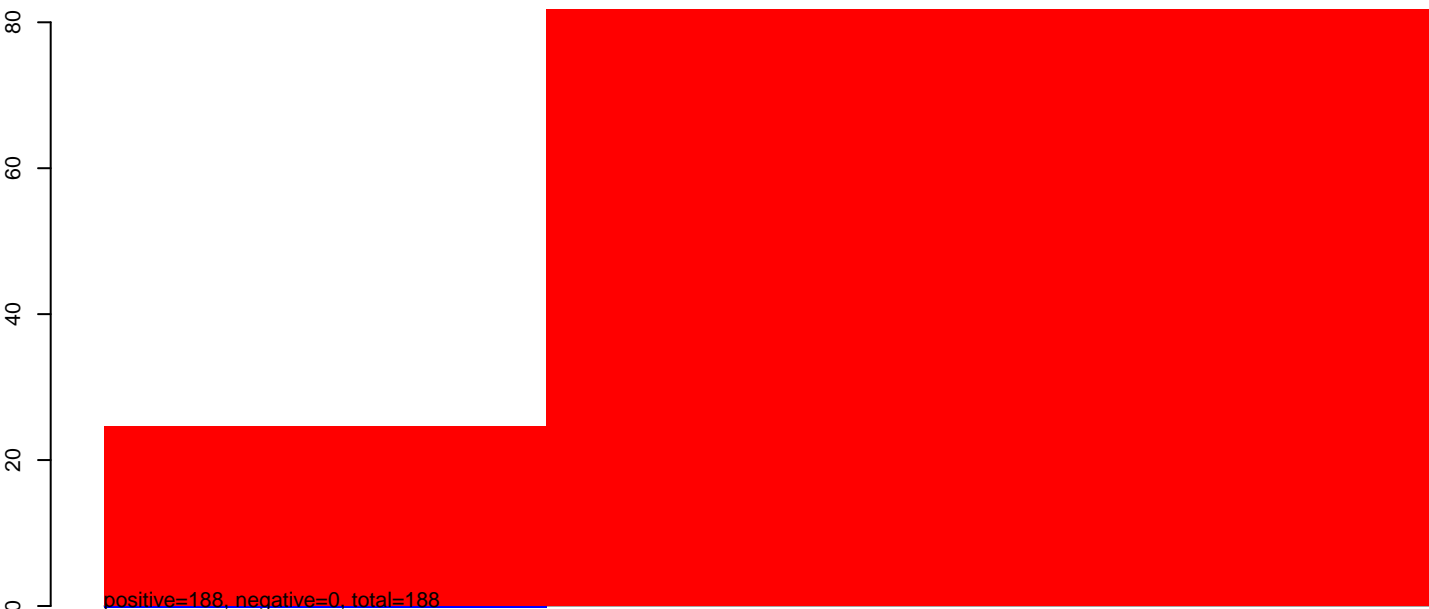
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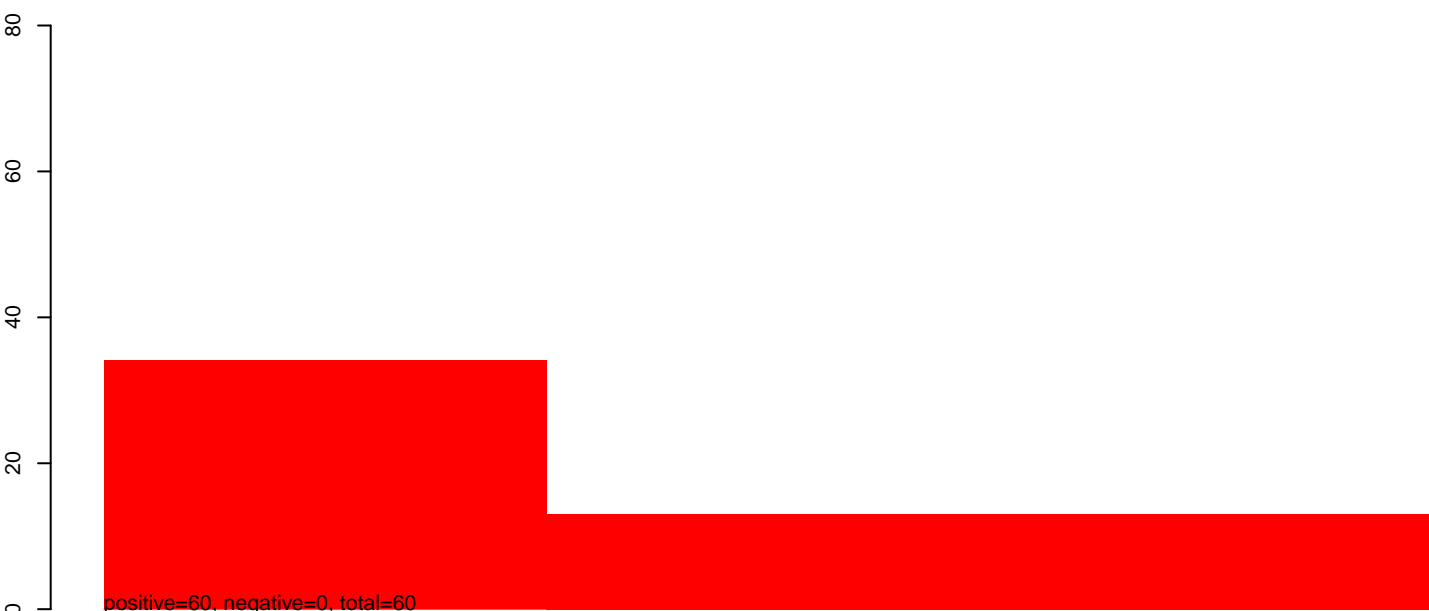
AeAeg\_ORL\_pMos3DB2Her\_r1.rep



**AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**



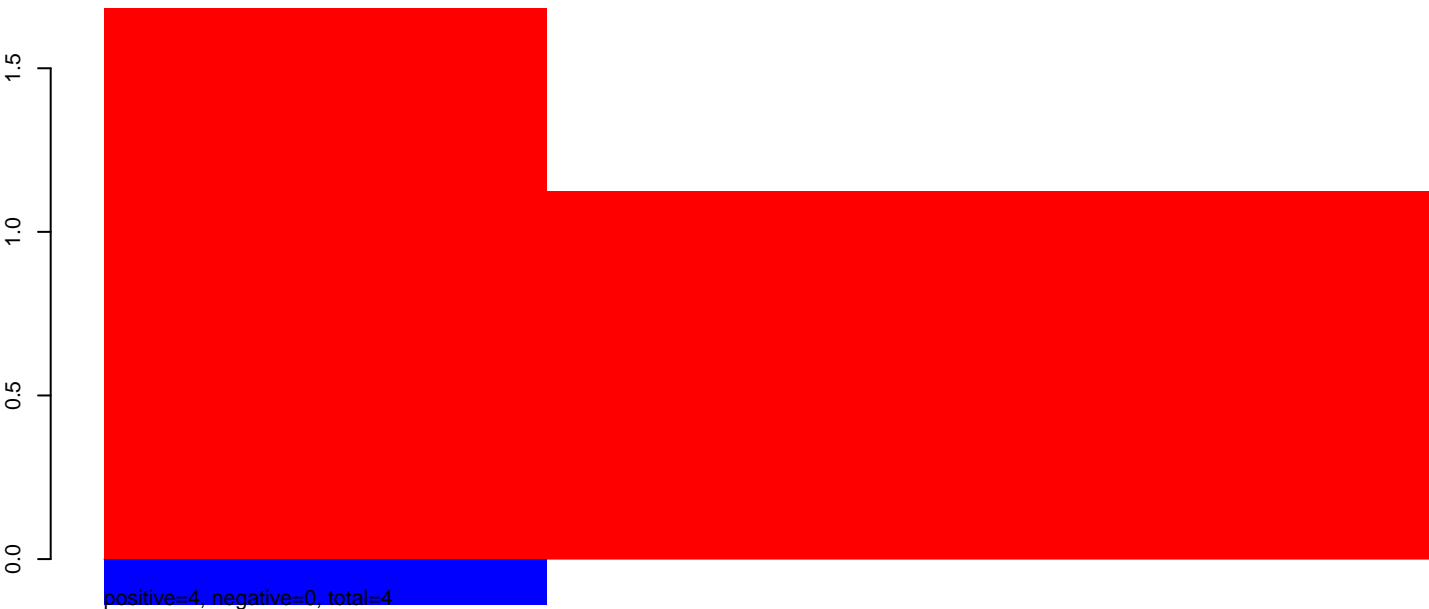
**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



40 60 80 100  
window size=25, length=72, AAEL018835-RA-tRNA-2-48382666-48382737-1-gene-AAEL018835:1-72



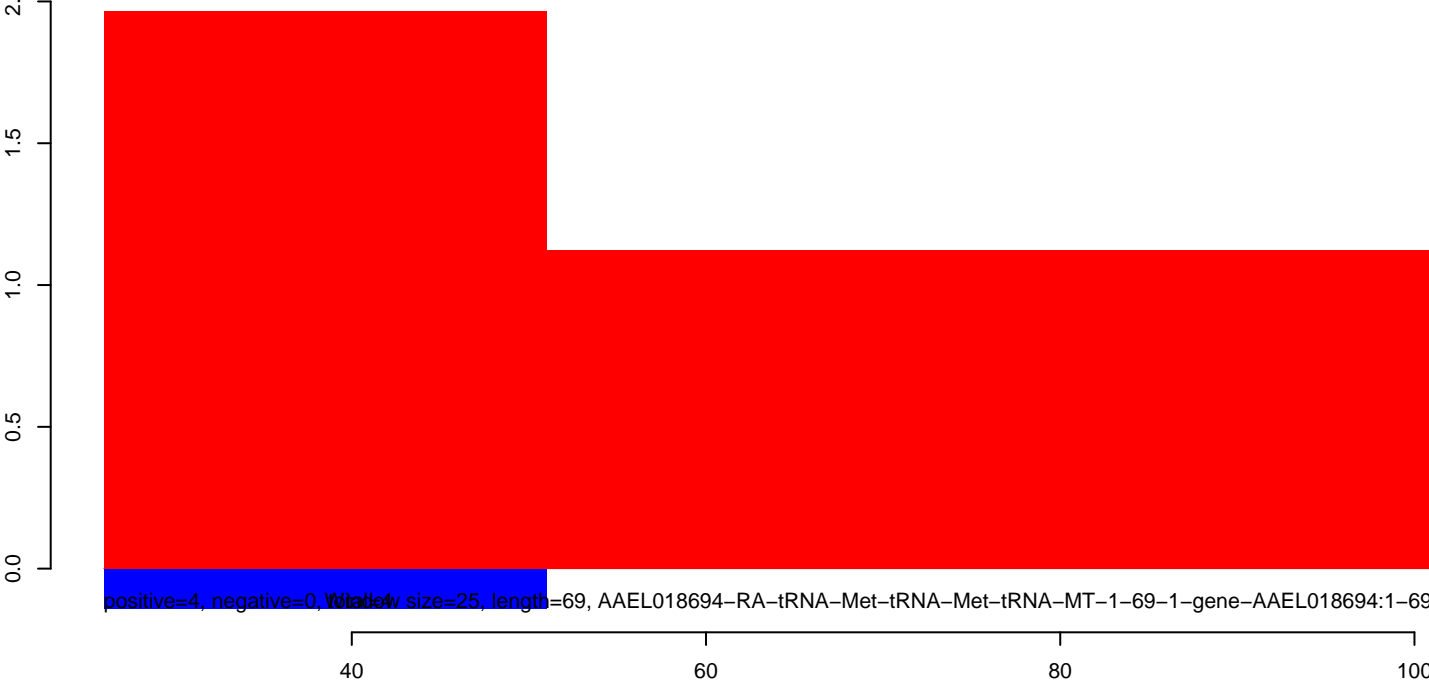
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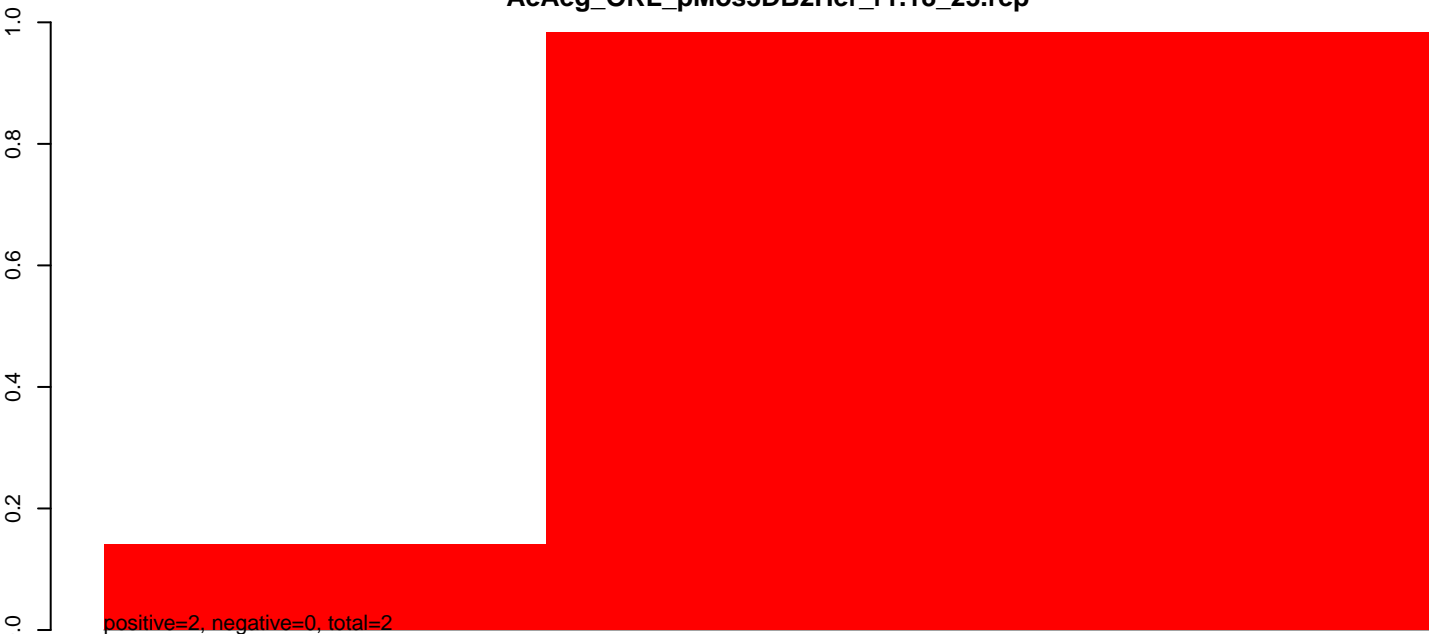
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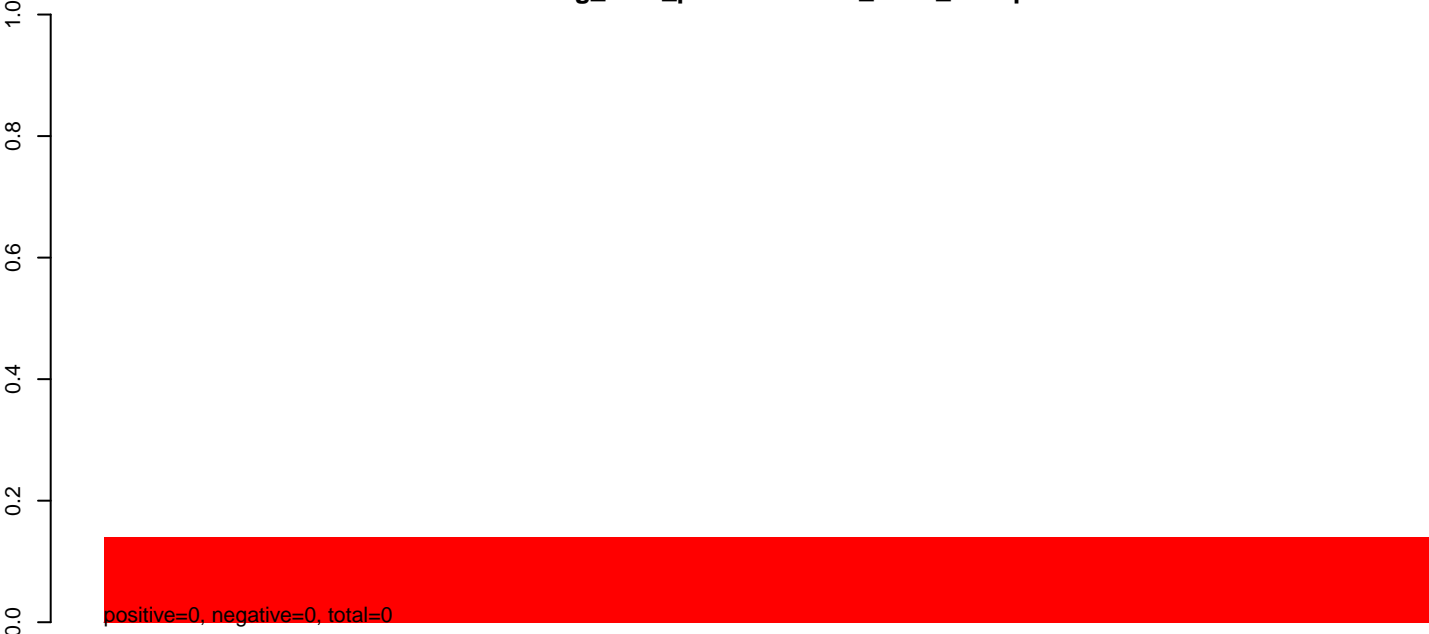
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**AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep**



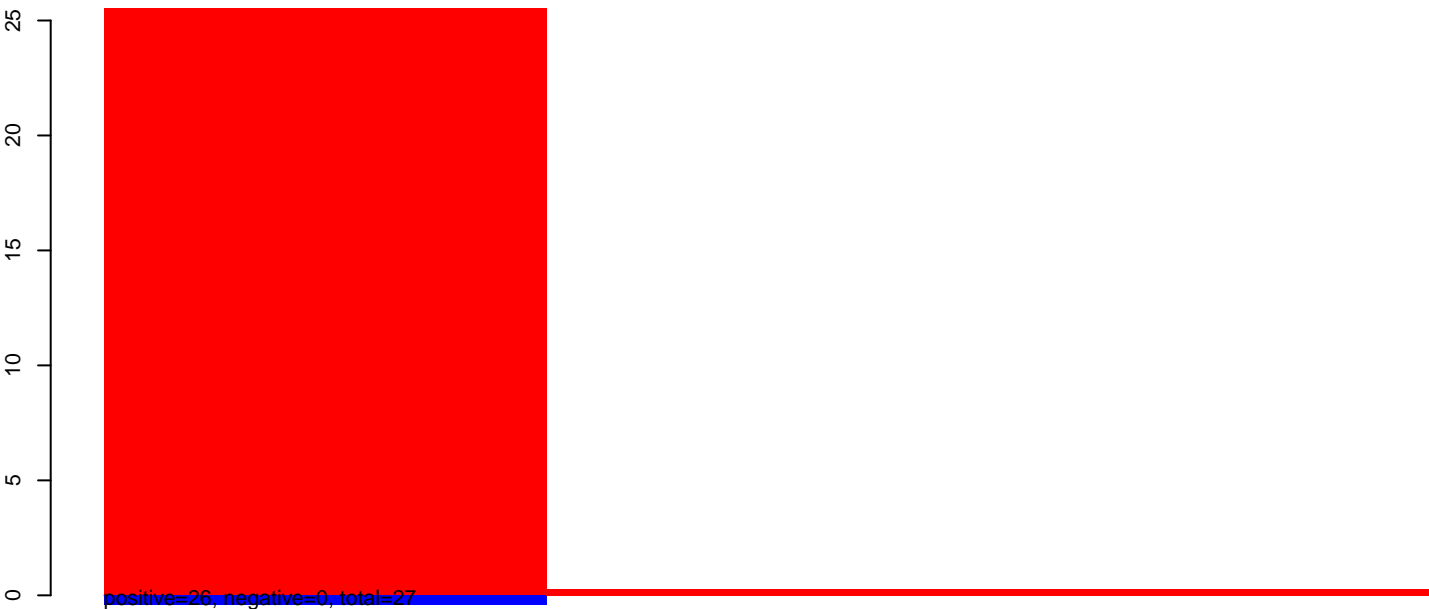
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**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



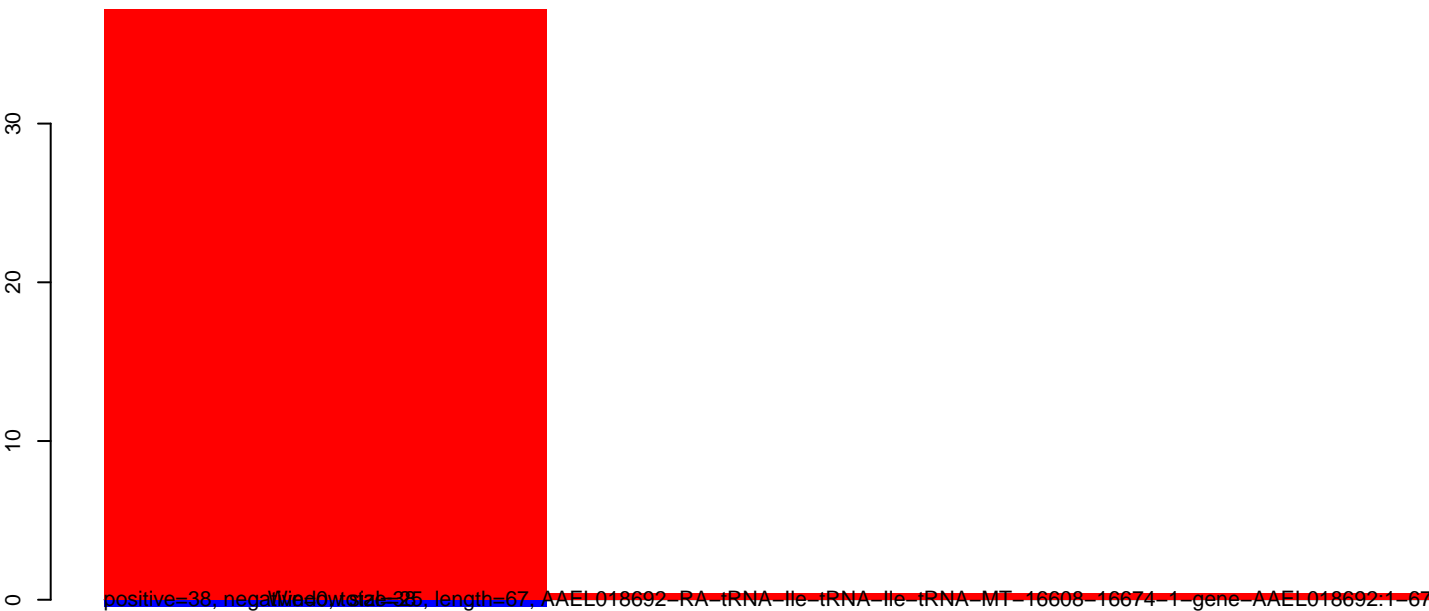
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AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep



AeAeg\_ORL\_pMos3DB2Her\_r1.rep



40 60 80 100

**AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**

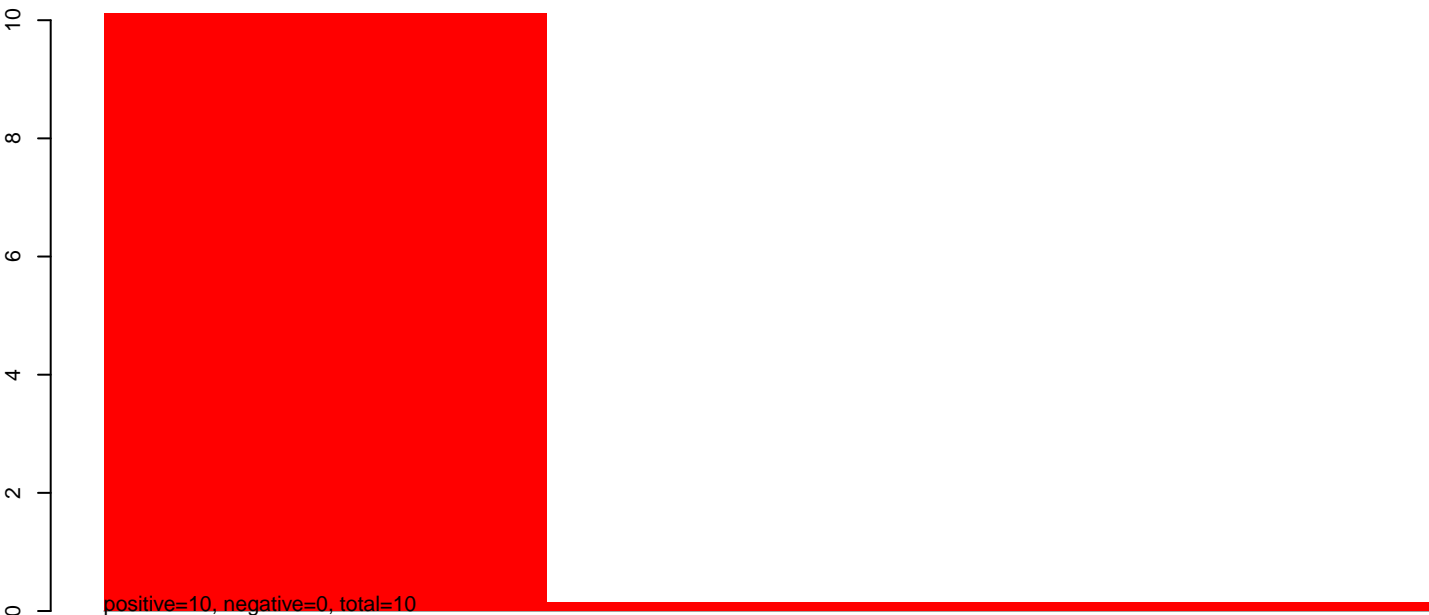


**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**

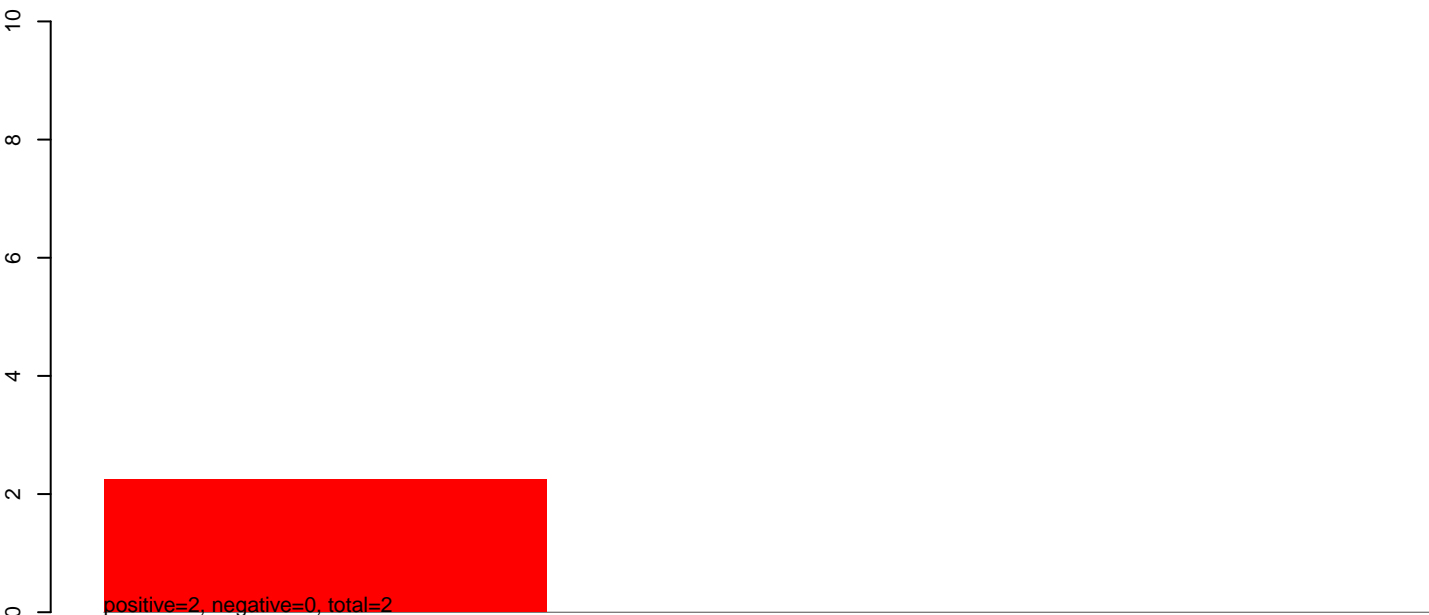


40 60 80 100

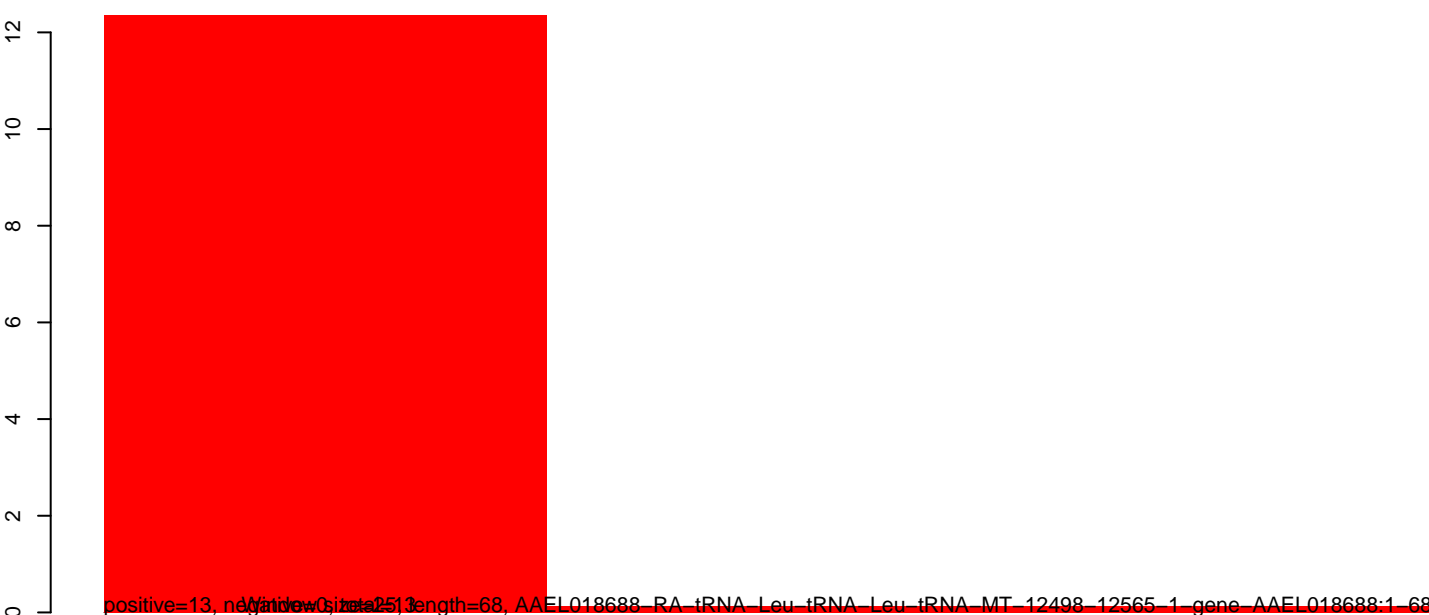
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AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep



AeAeg\_ORL\_pMos3DB2Her\_r1.rep



40 60 80 100

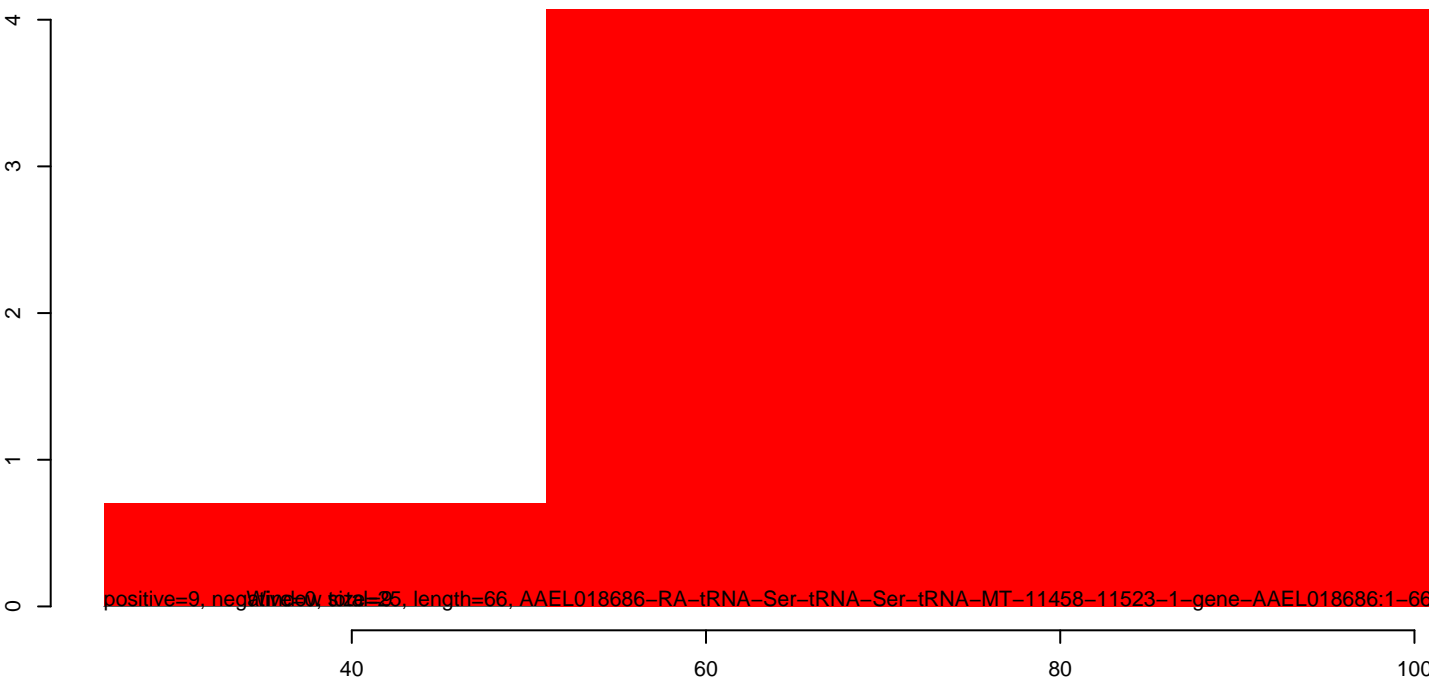
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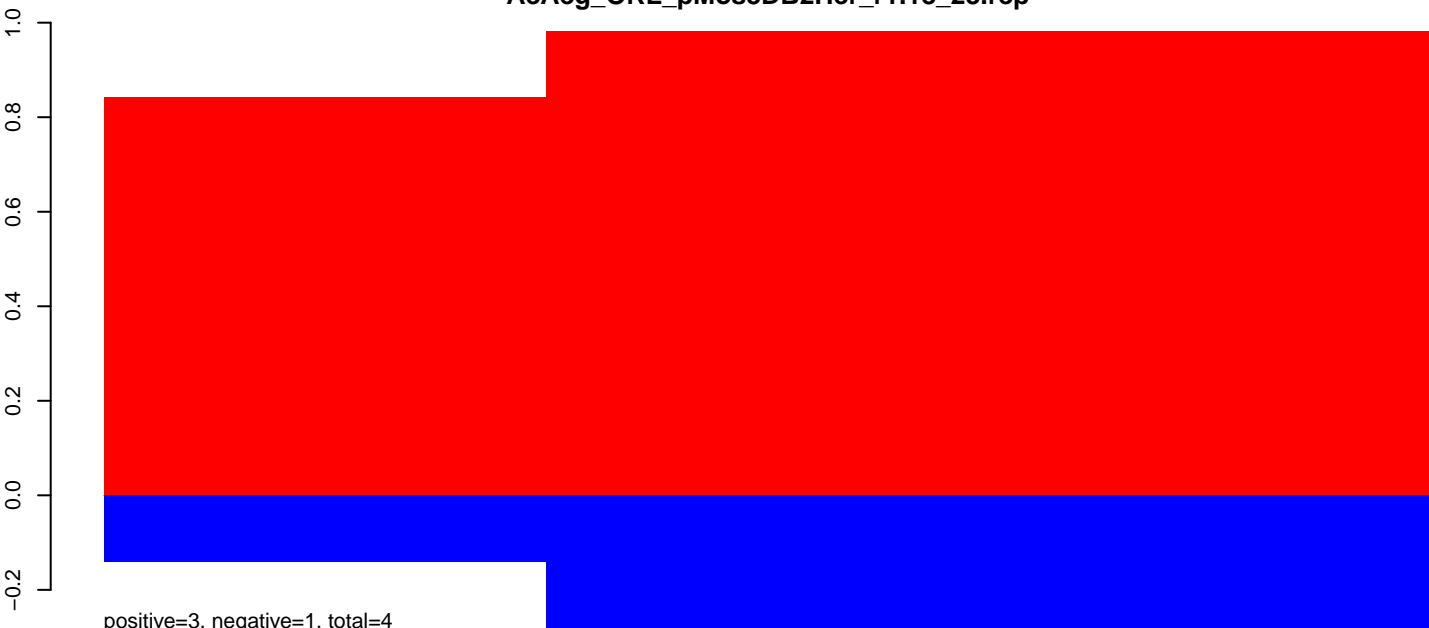
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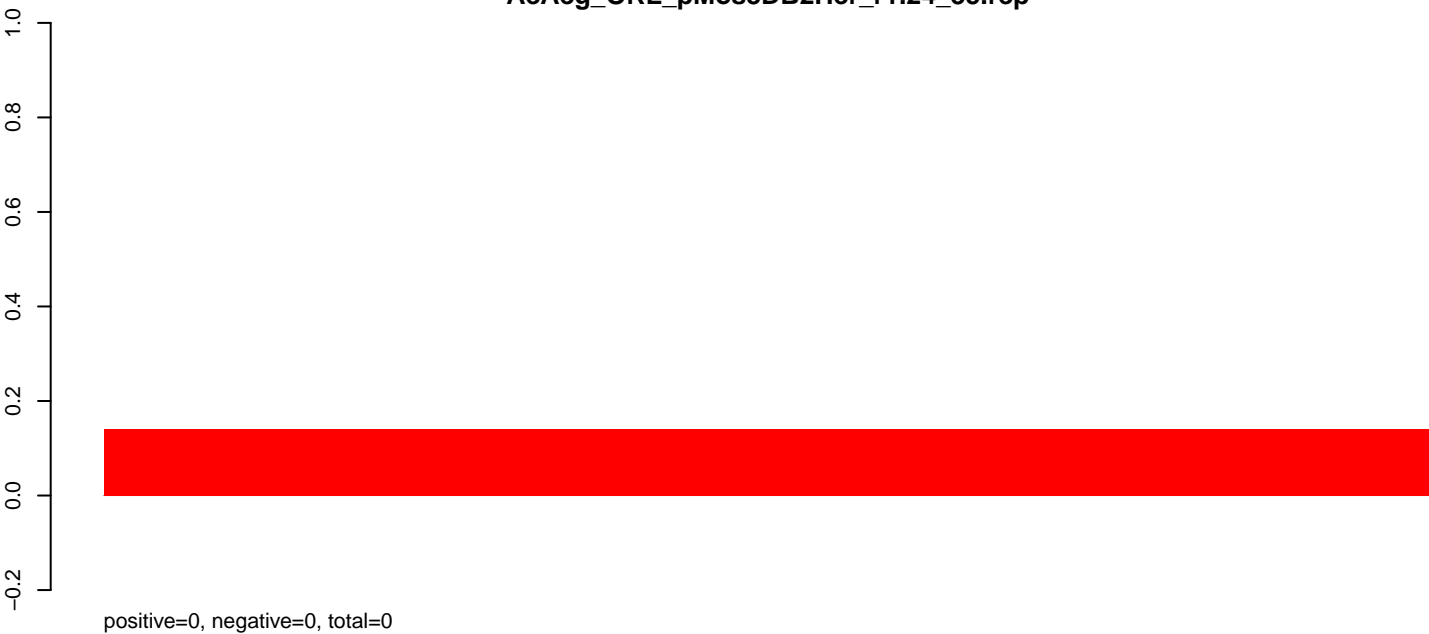
AeAeg\_ORL\_pMos3DB2Her\_r1.rep



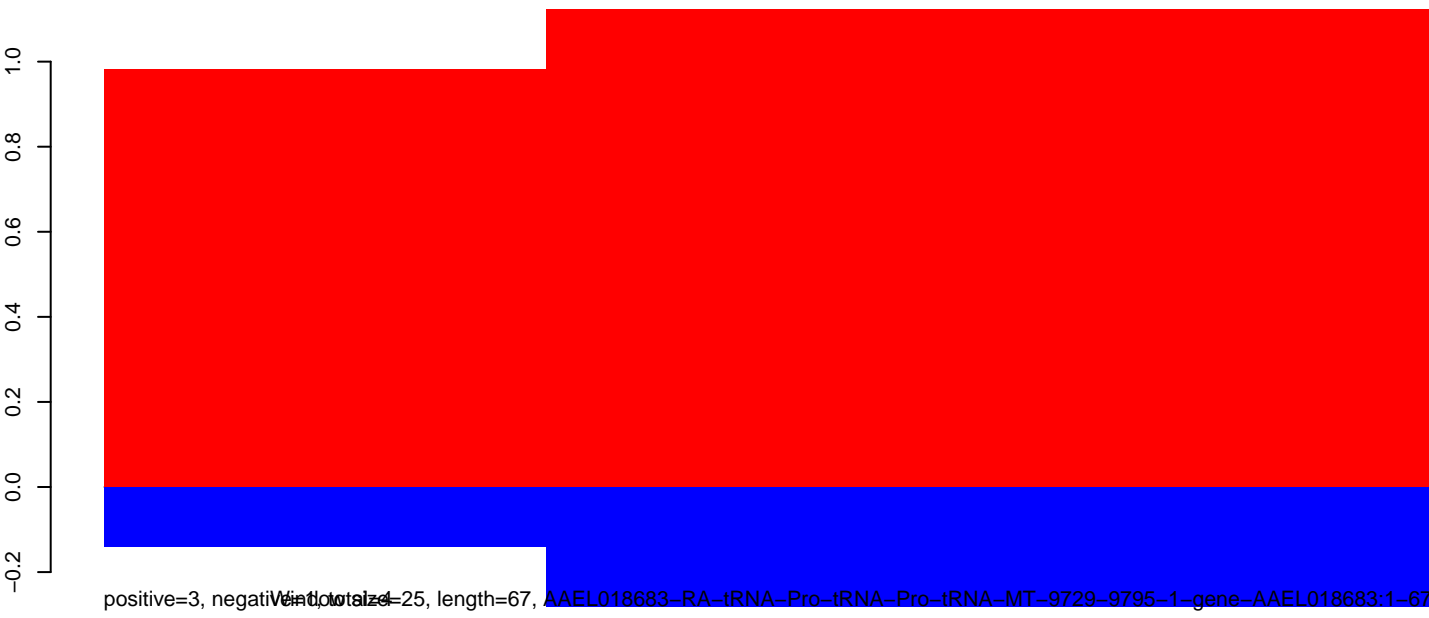
**AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



Window size=25, length=67, AAEL018683-RA-tRNA-Pro-tRNA-Pro-tRNA-MT-9729-9795-1-gene-AAEL018683-1-67

40

60

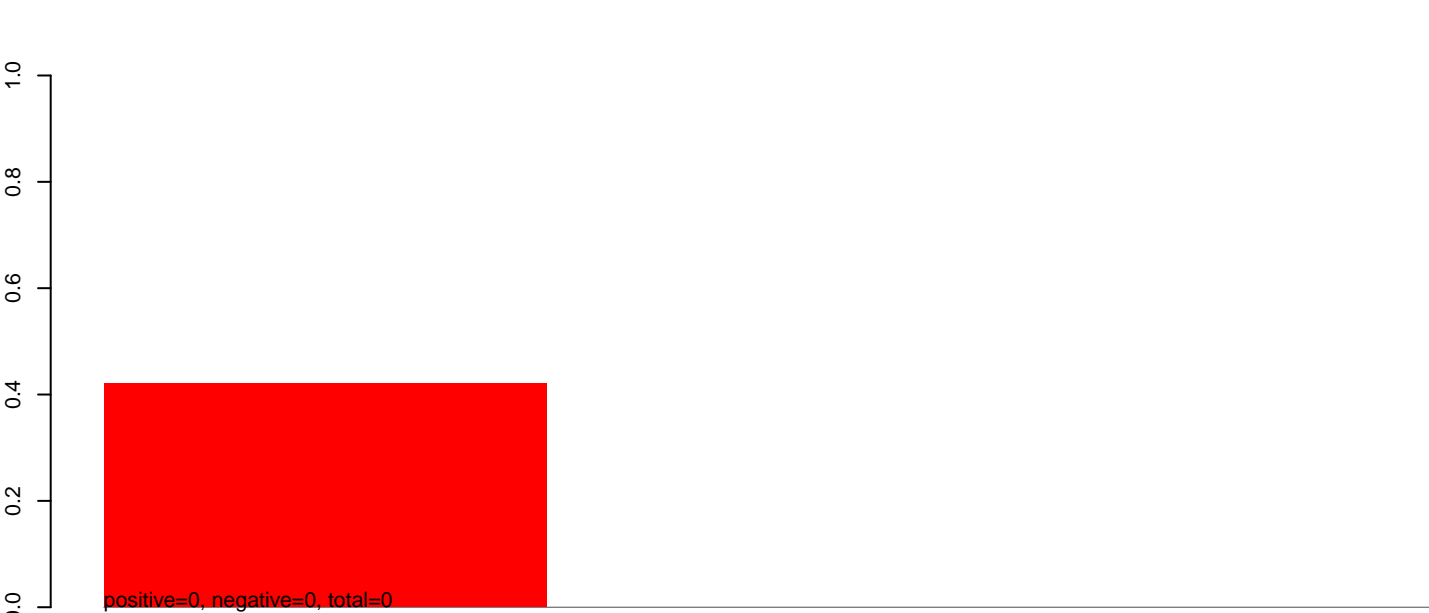
80

100

AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep



AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep

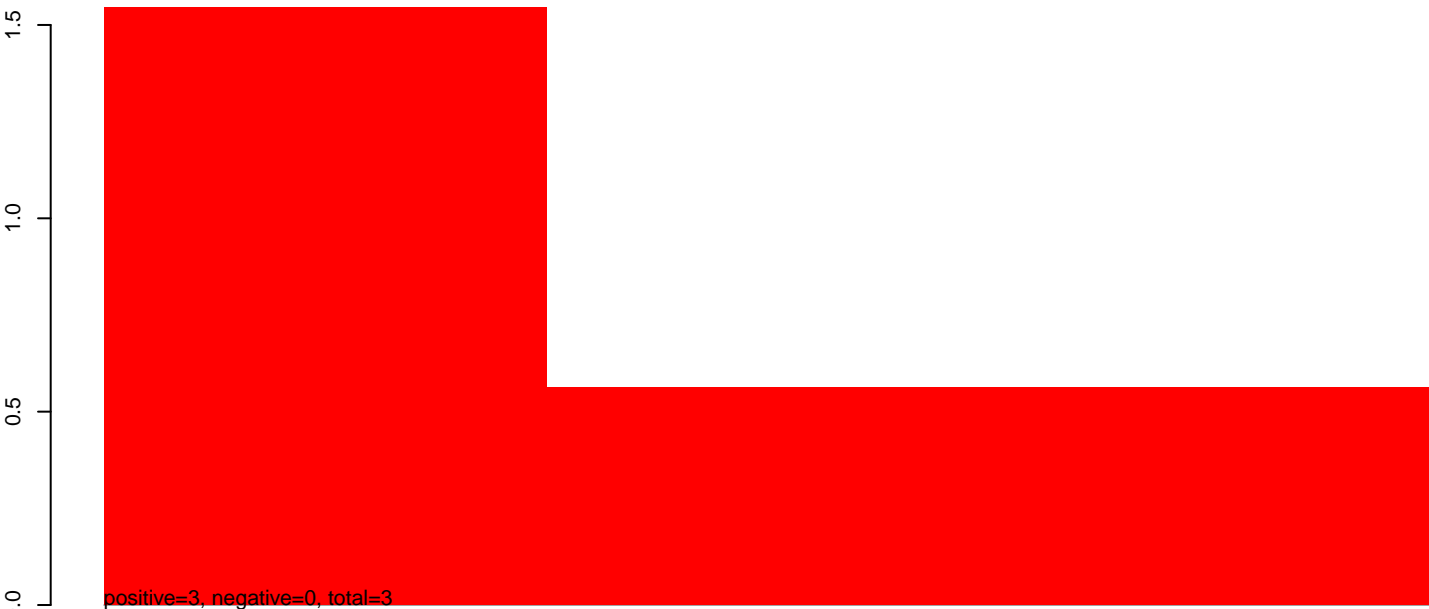


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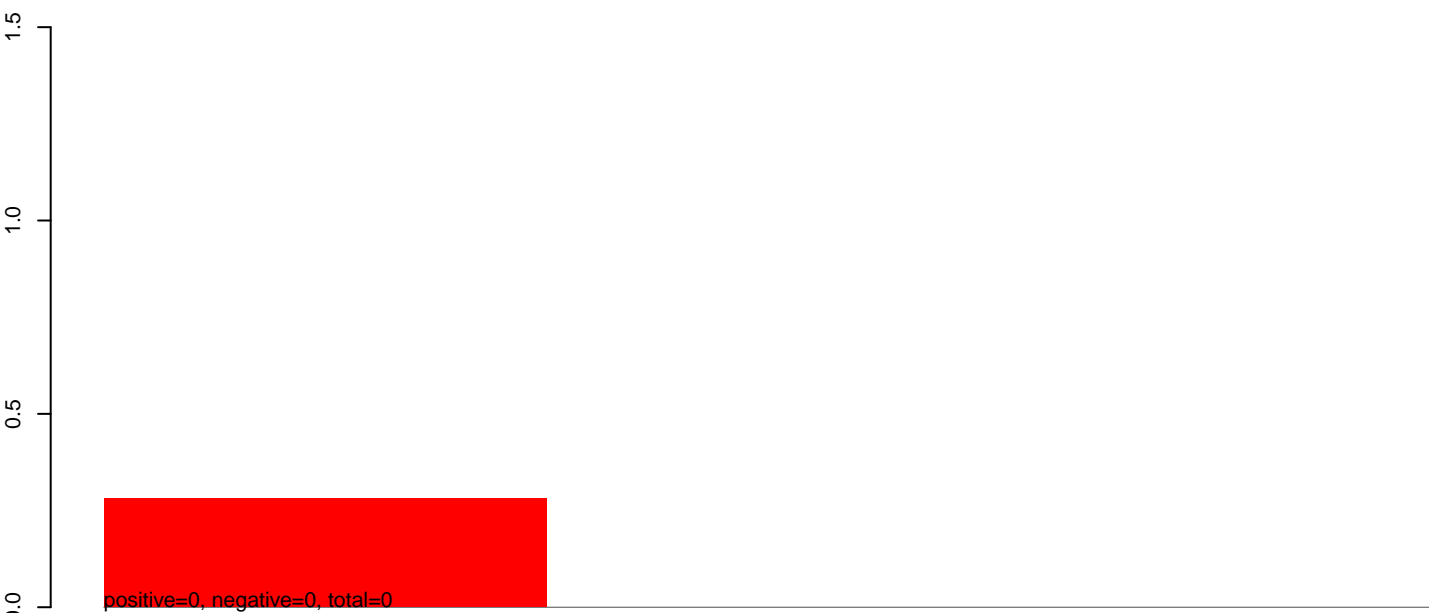




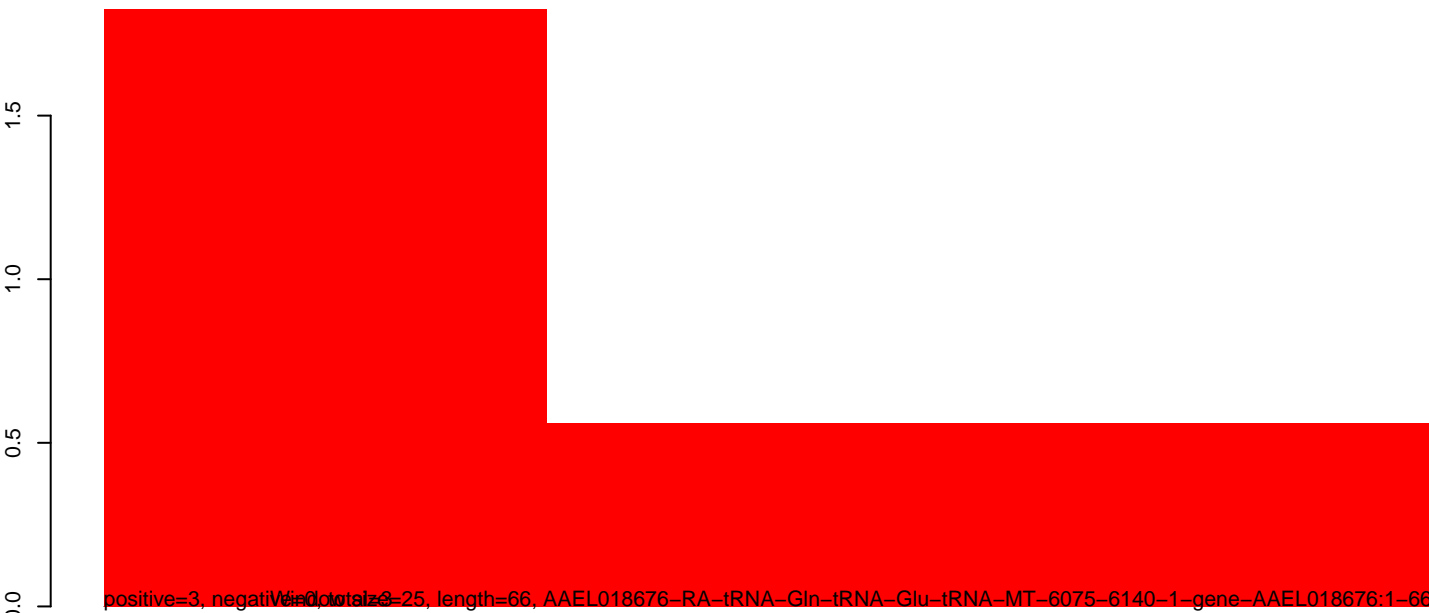
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**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**



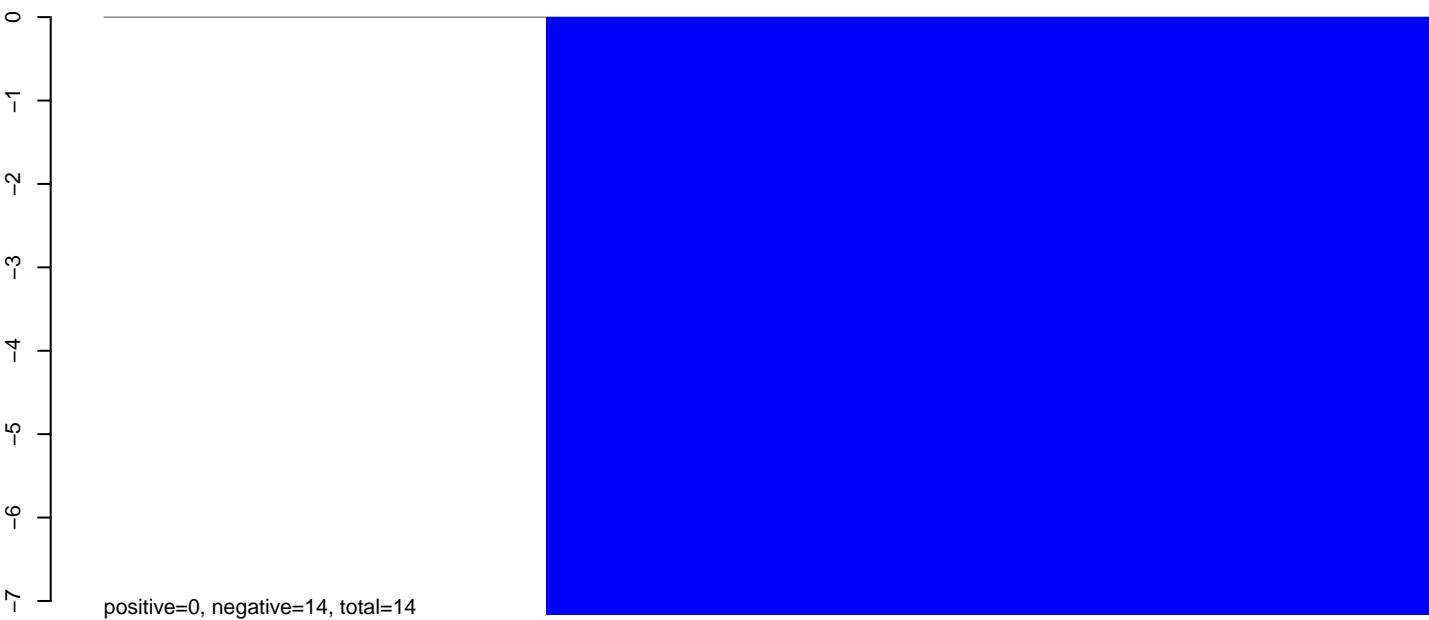
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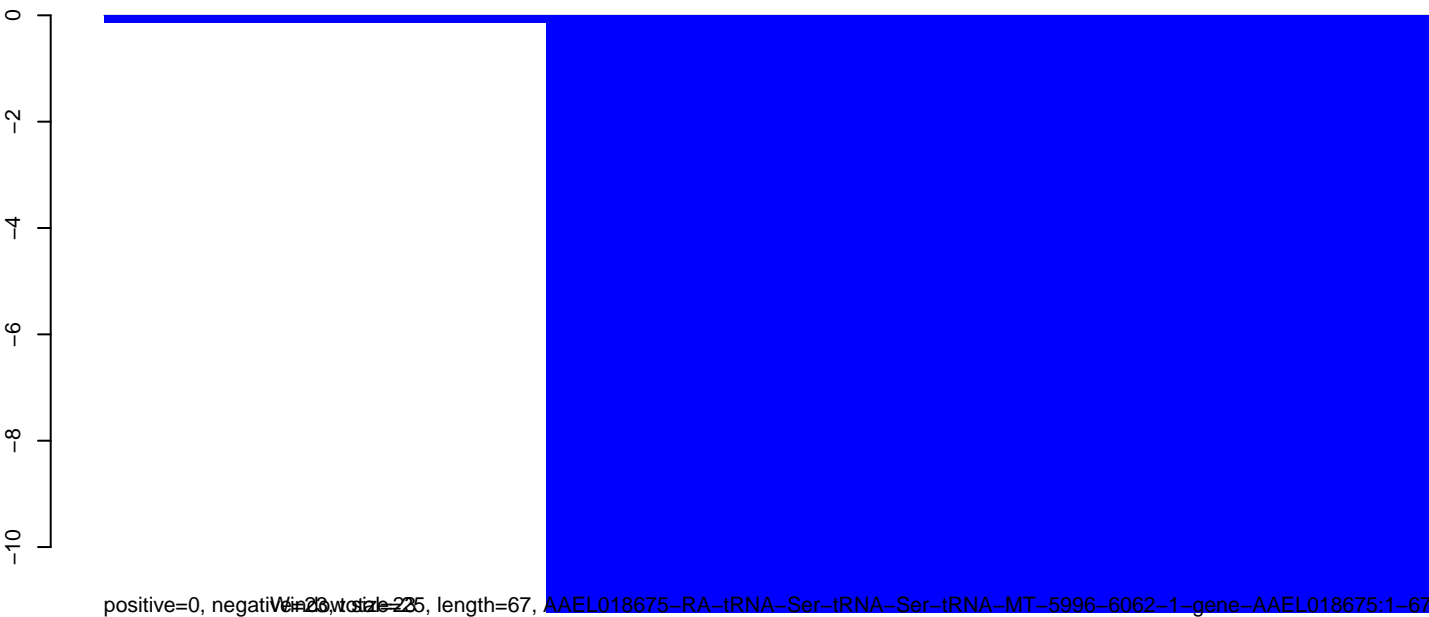
**AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**



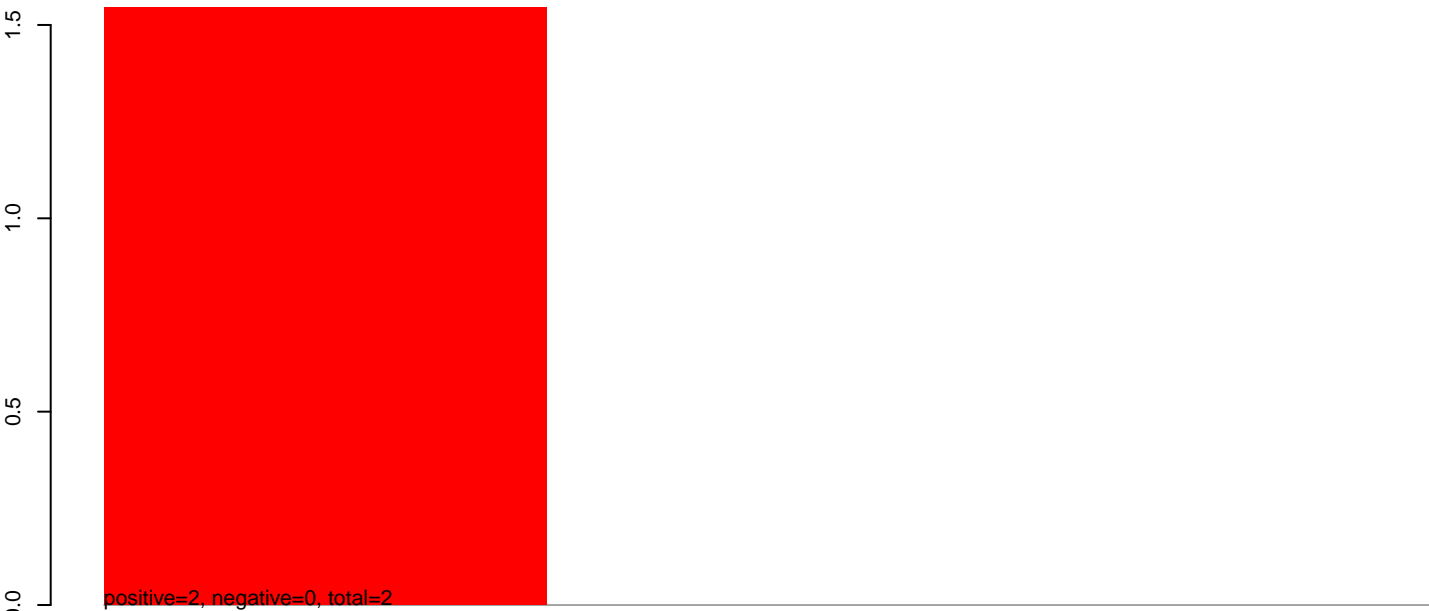
**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



positive=0, negative=25, total=25, length=67, AAEL018675-RA-tRNA-Ser-tRNA-Ser-tRNA-MT-5996-6062-1-gene-AAEL018675:1-67

40 60 80 100

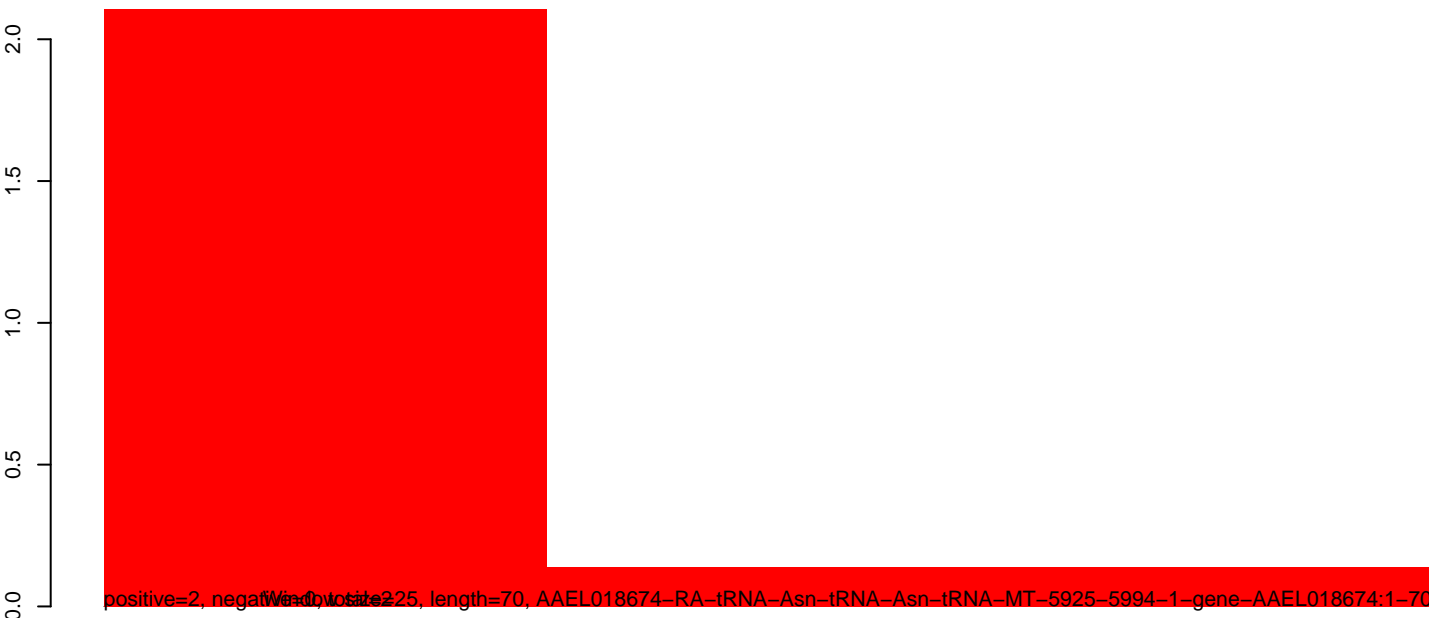
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AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep

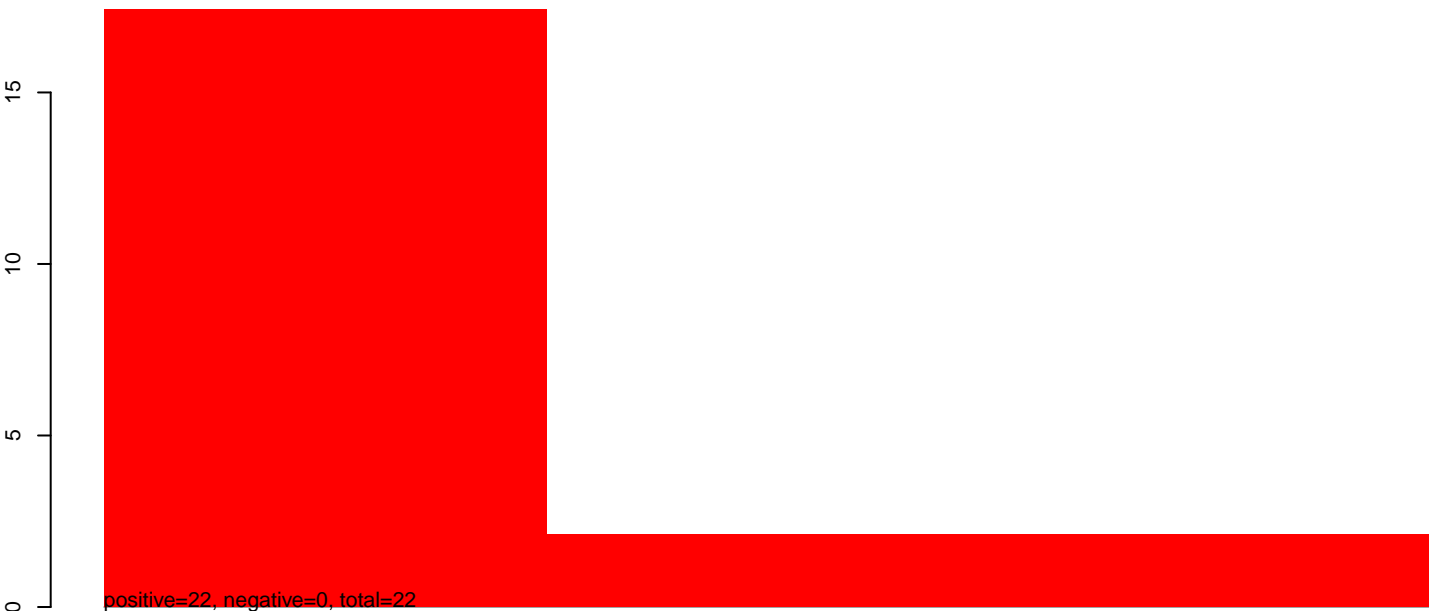


AeAeg\_ORL\_pMos3DB2Her\_r1.rep



Window size=25, length=70, AAEL018674-RA-tRNA-Asn-tRNA-Asn-tRNA-MT-5925-5994-1-gene-AAEL018674:1-70

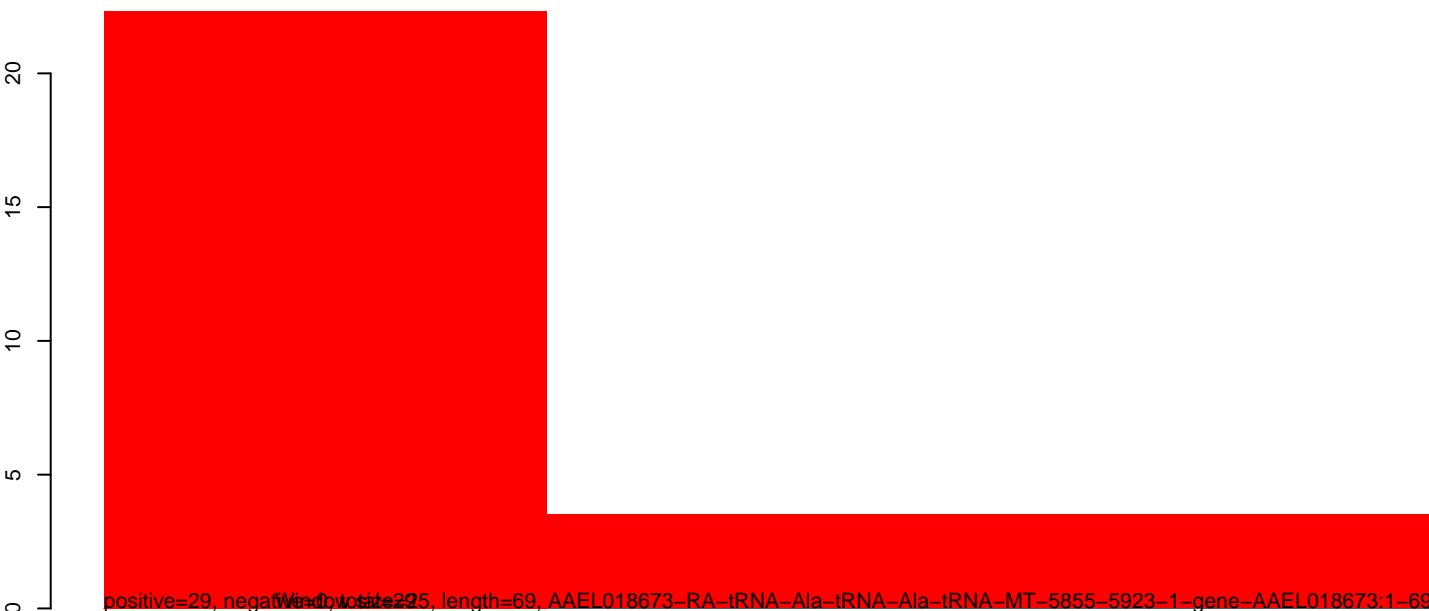
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AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep



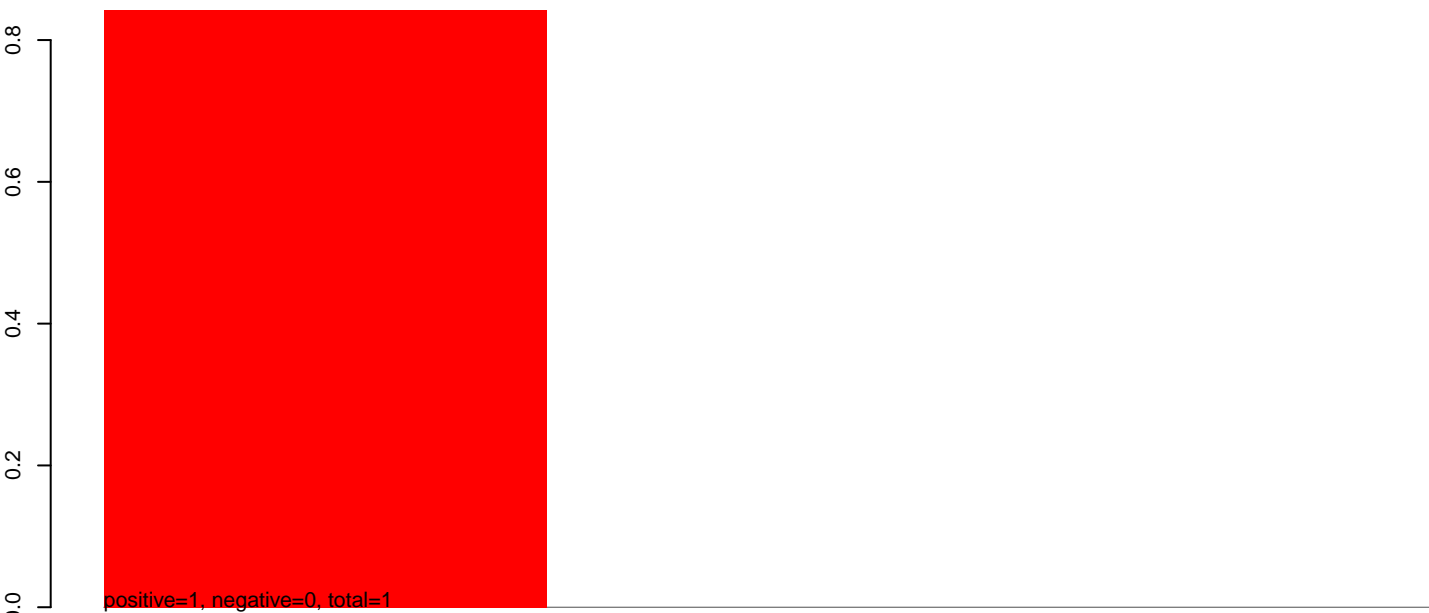
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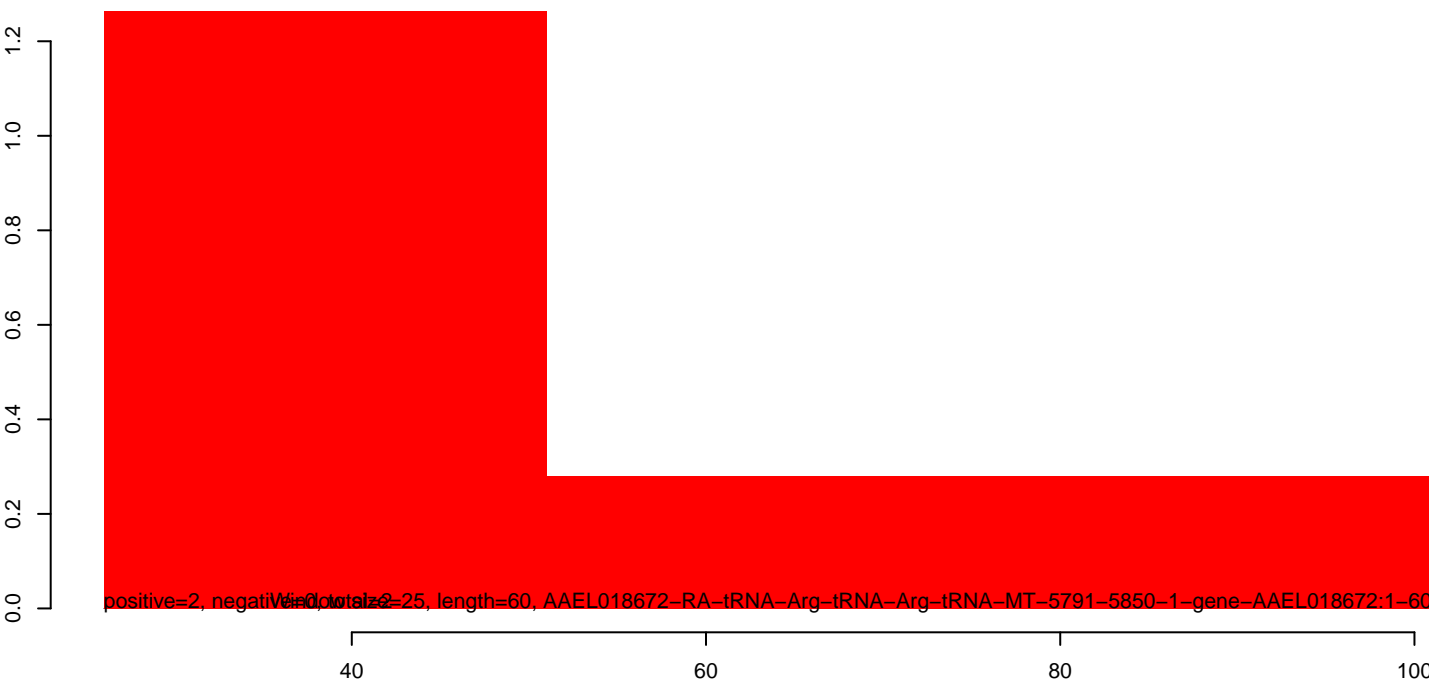
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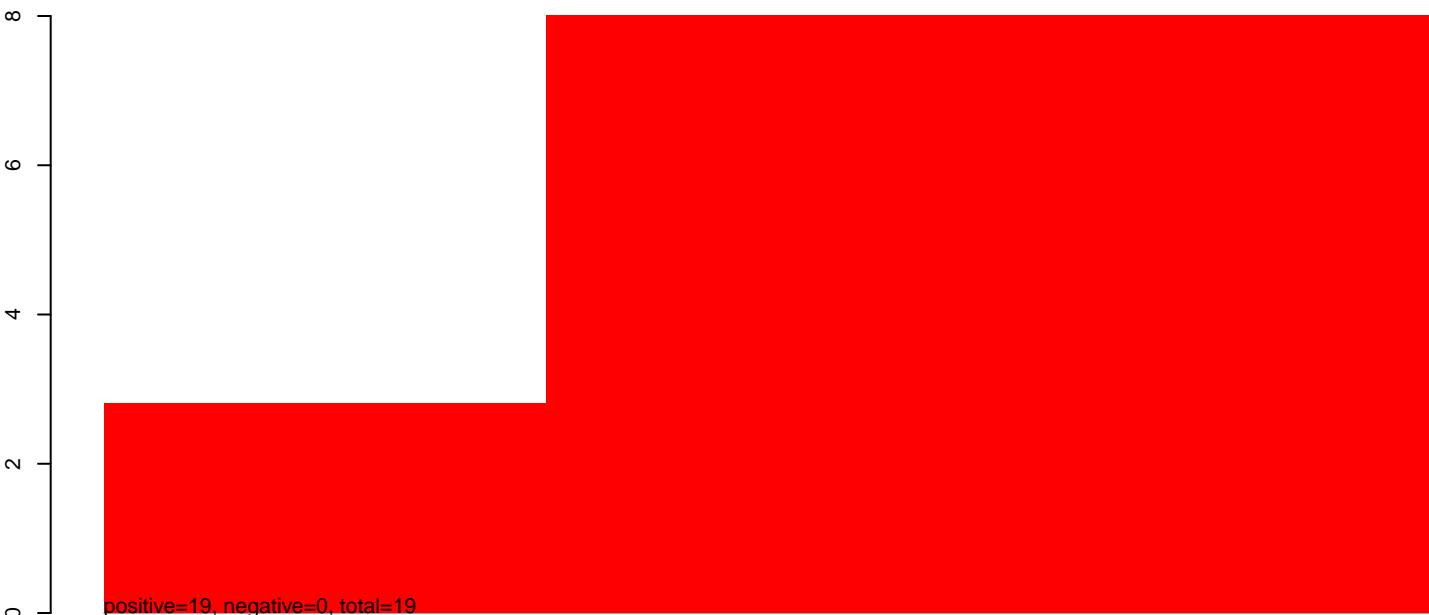
AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep



AeAeg\_ORL\_pMos3DB2Her\_r1.rep



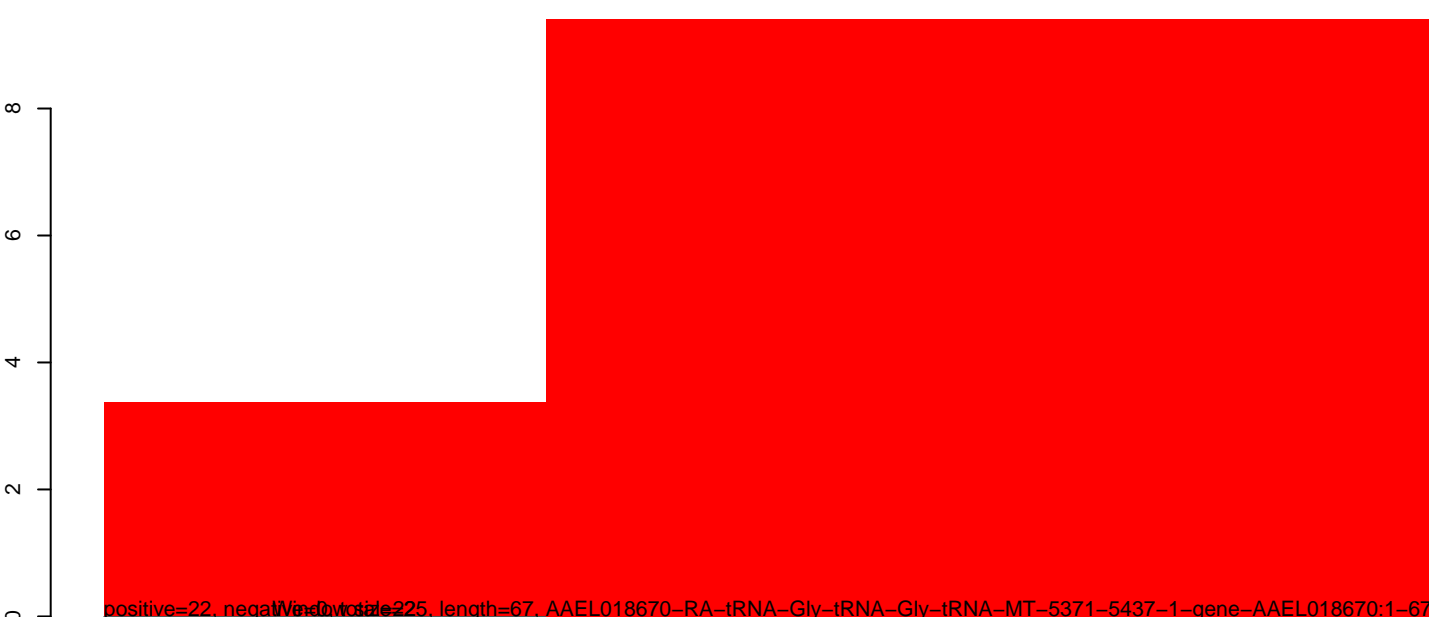
**AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**

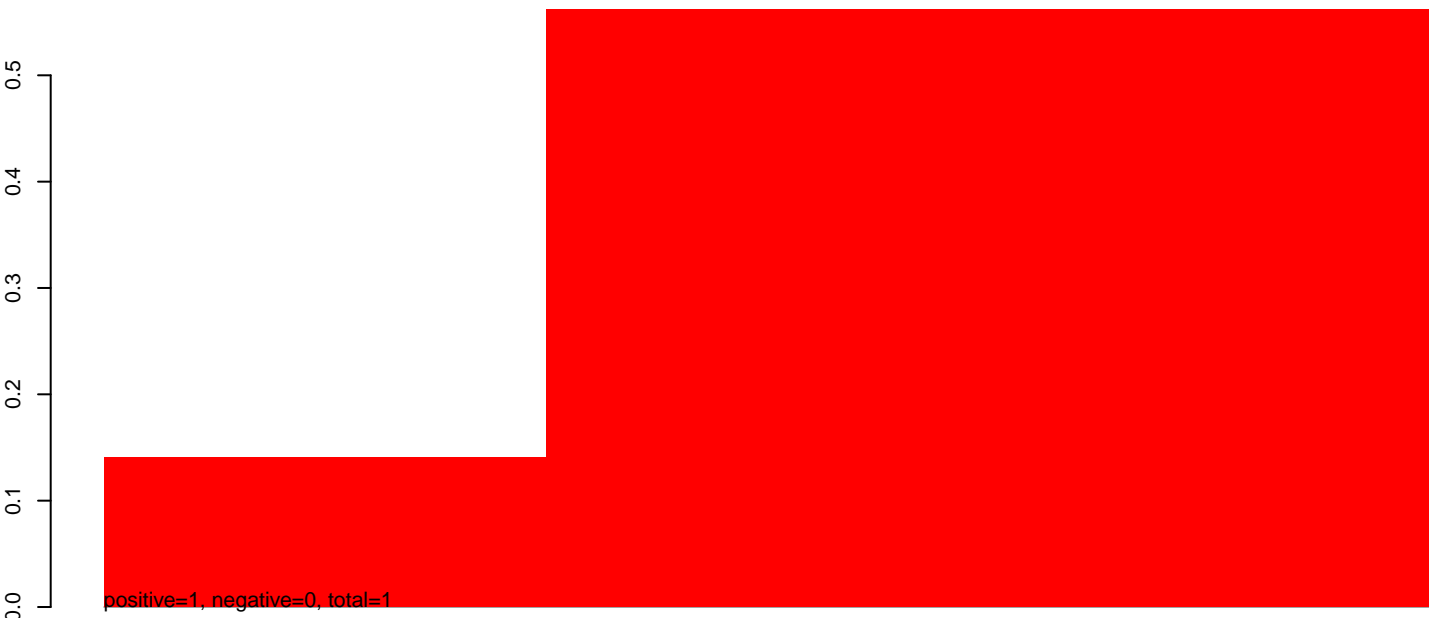


**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**

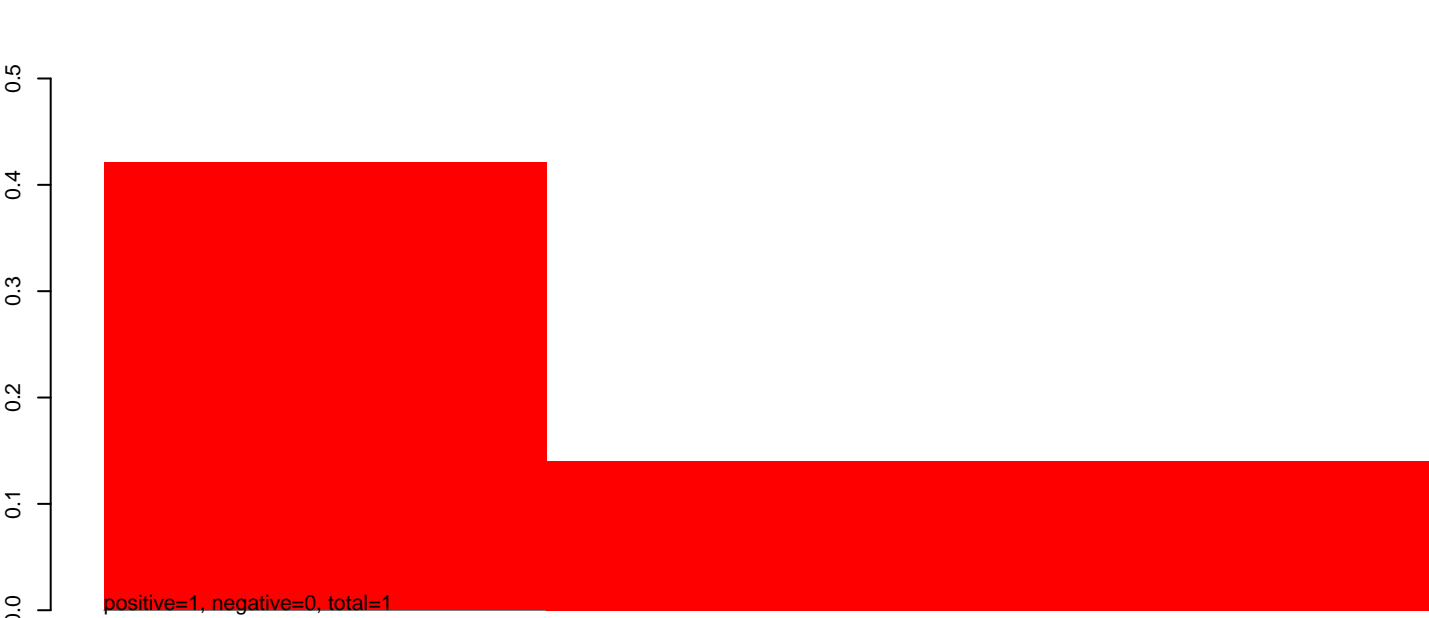


40 60 80 100  
positive=22, negative=0, total=22, length=67, AAEL018670-RA-tRNA-Gly-tRNA-Gly-tRNA-MT-5371-5437-1-gene-AAEL018670:1-67

**AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



Window size=225, length=69, AAEL018666-RA-tRNA-Asp-tRNA-Asp-tRNA-MT-3675-3743-1-gene-AAEL018666:1-69

40

60

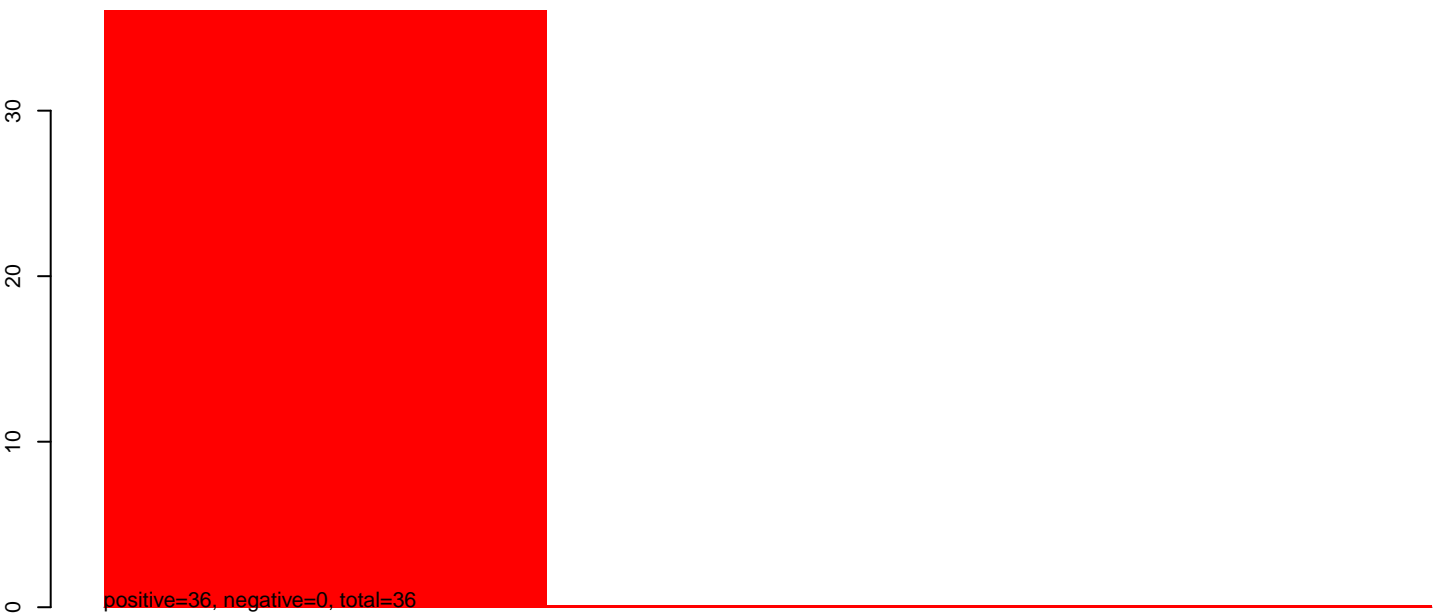
80

100

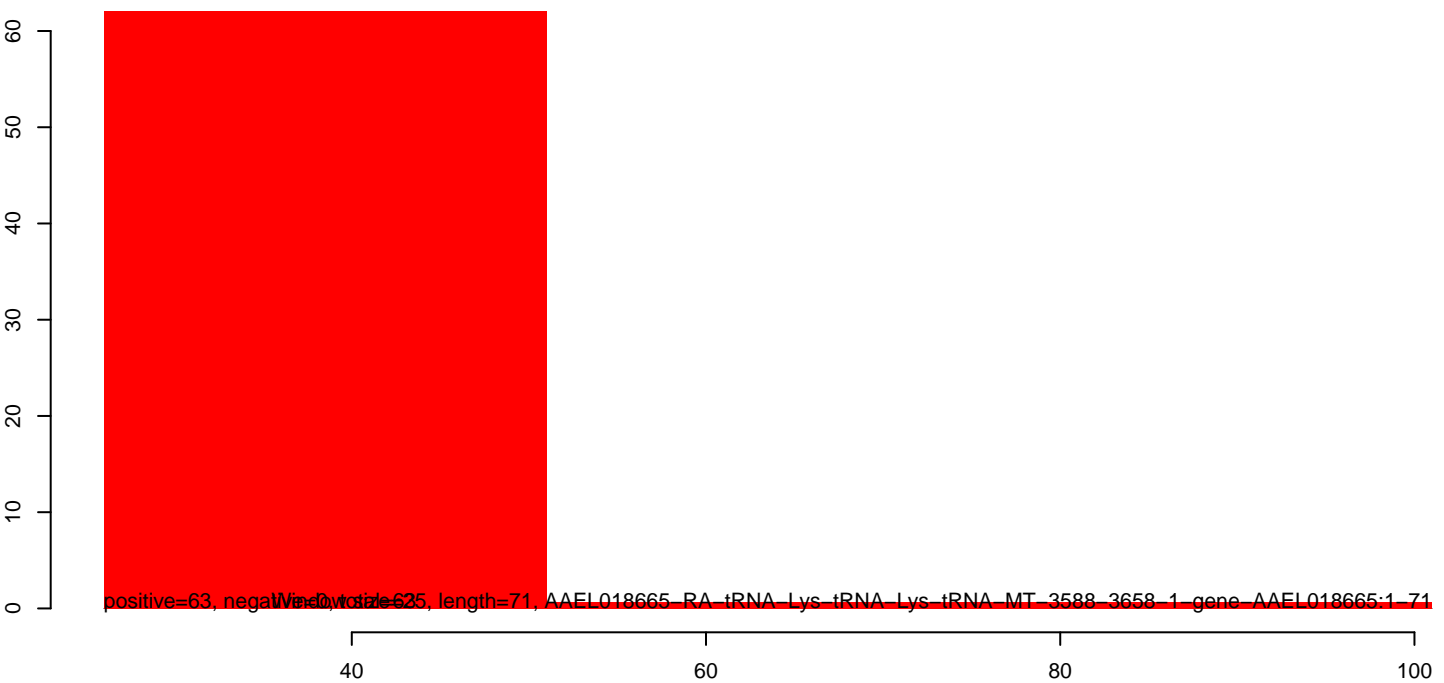
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AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep

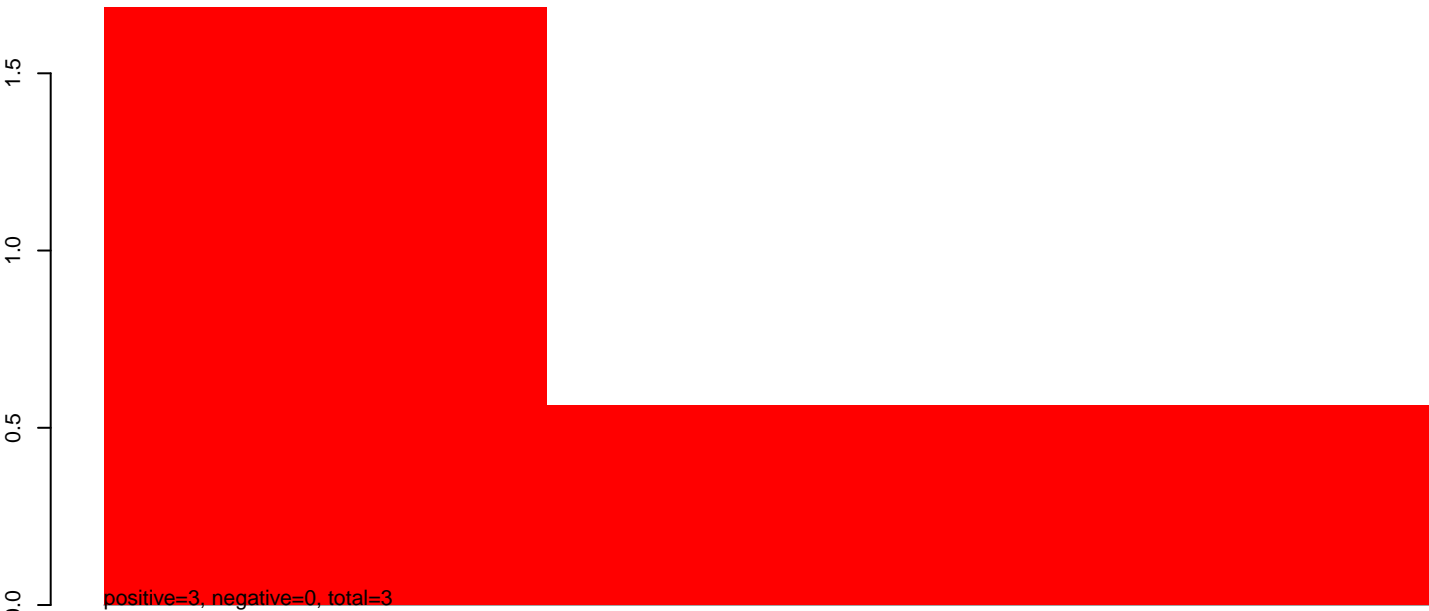


AeAeg\_ORL\_pMos3DB2Her\_r1.rep

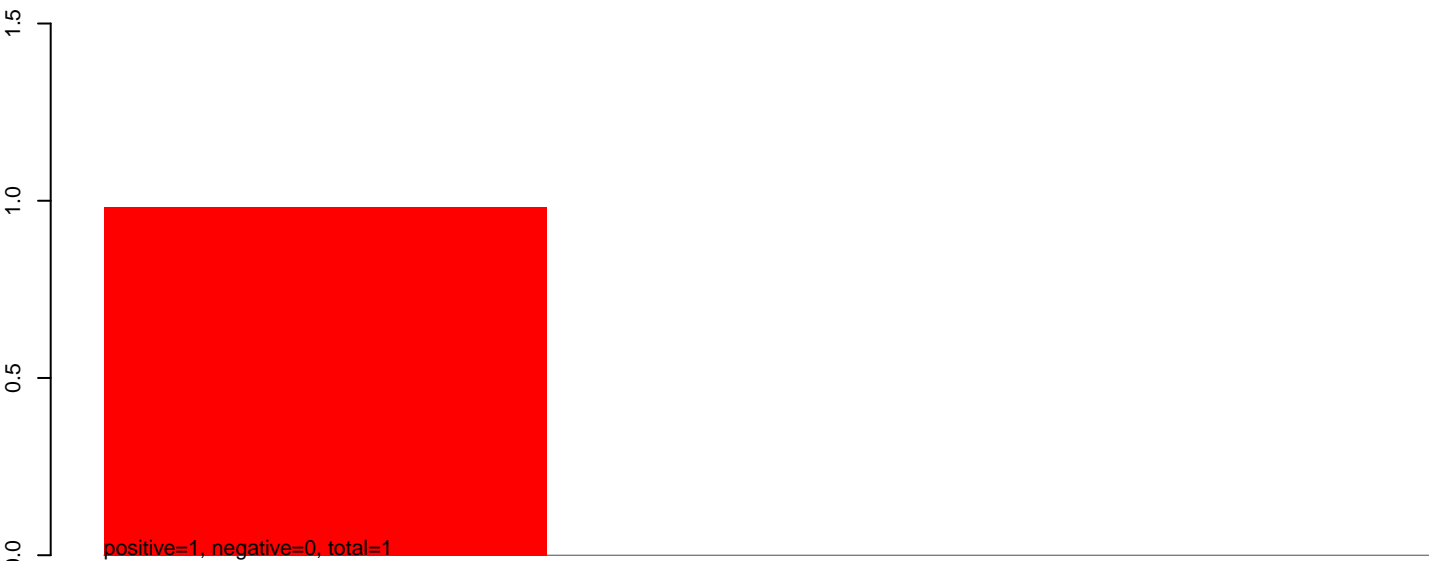




AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep

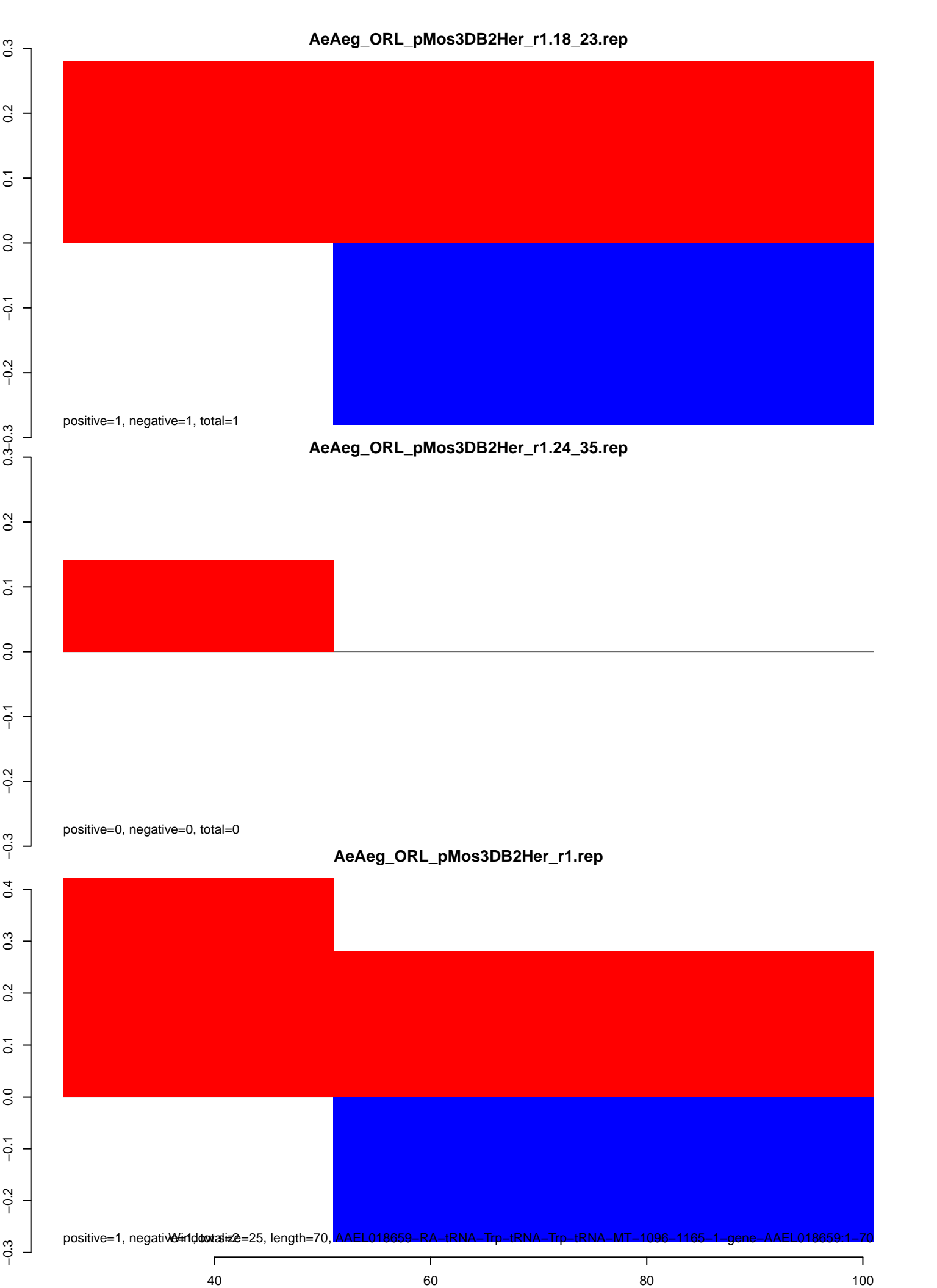


AeAeg\_ORL\_pMos3DB2Her\_r1.24\_35.rep

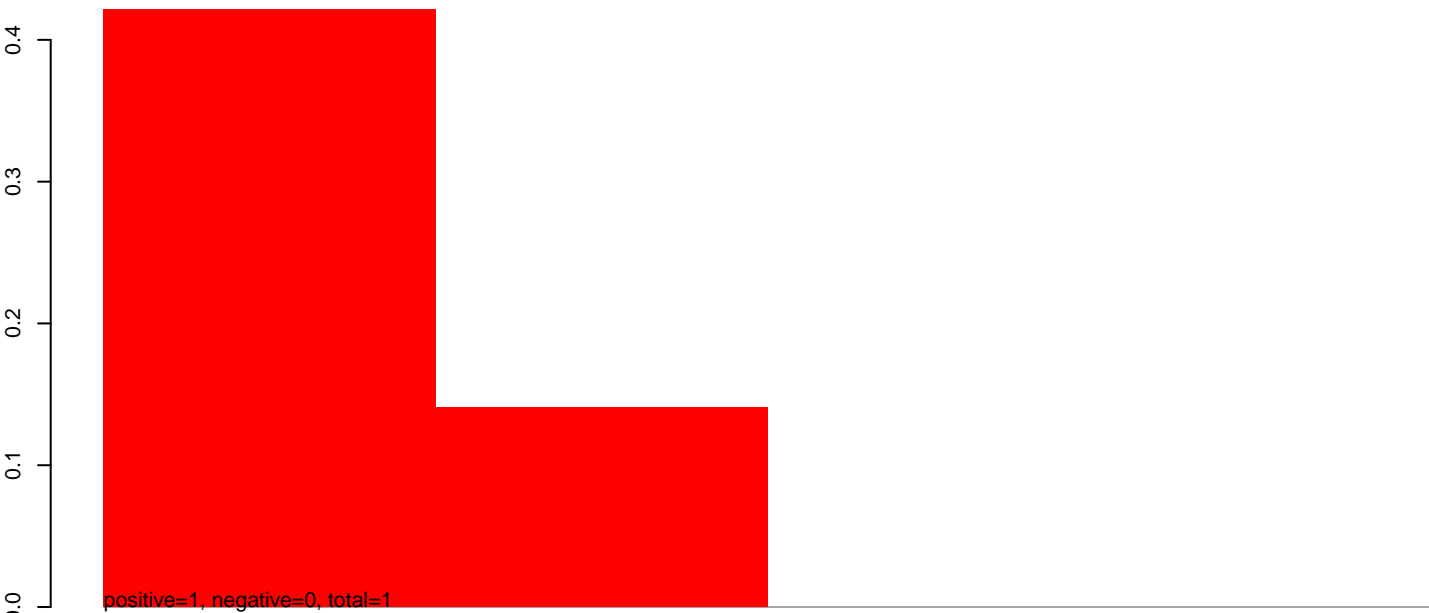


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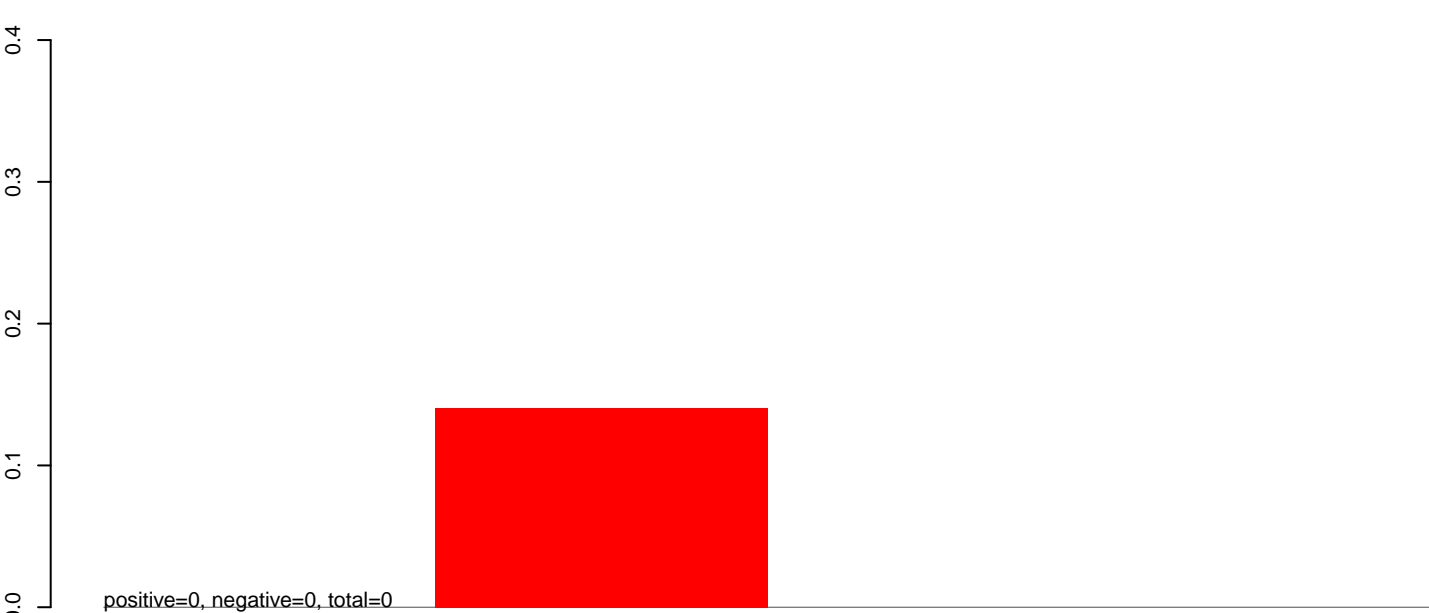




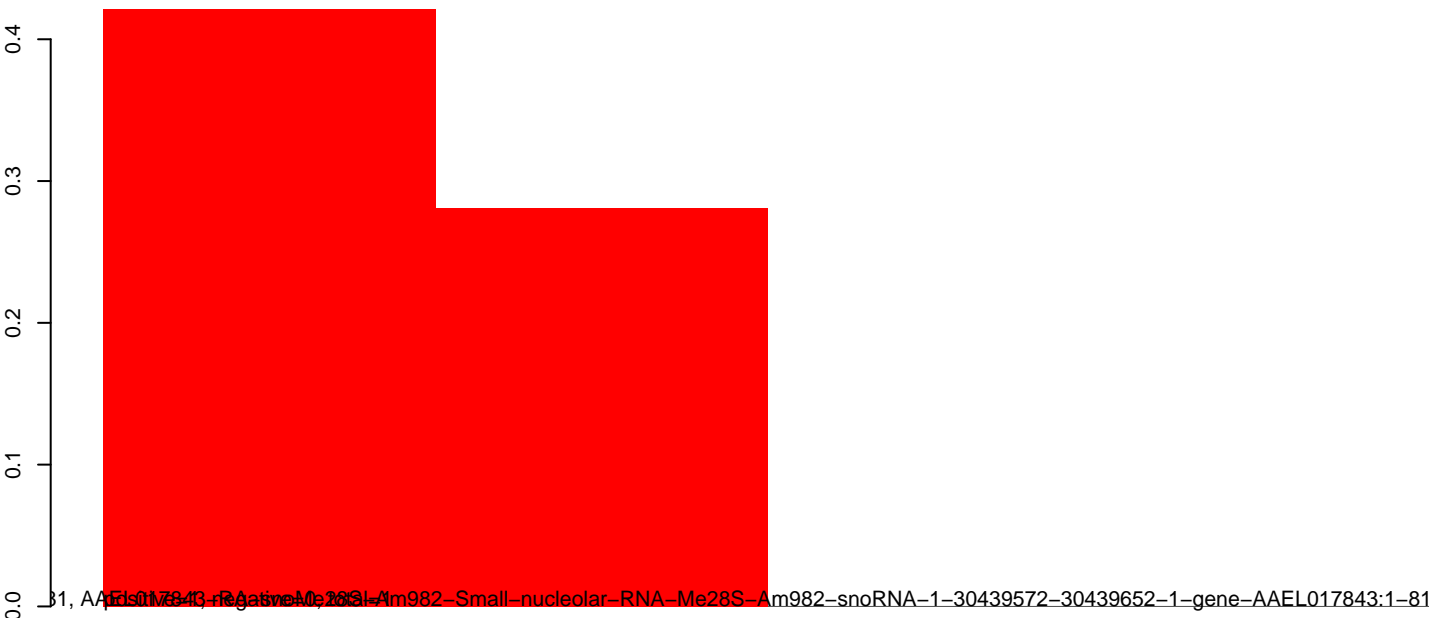
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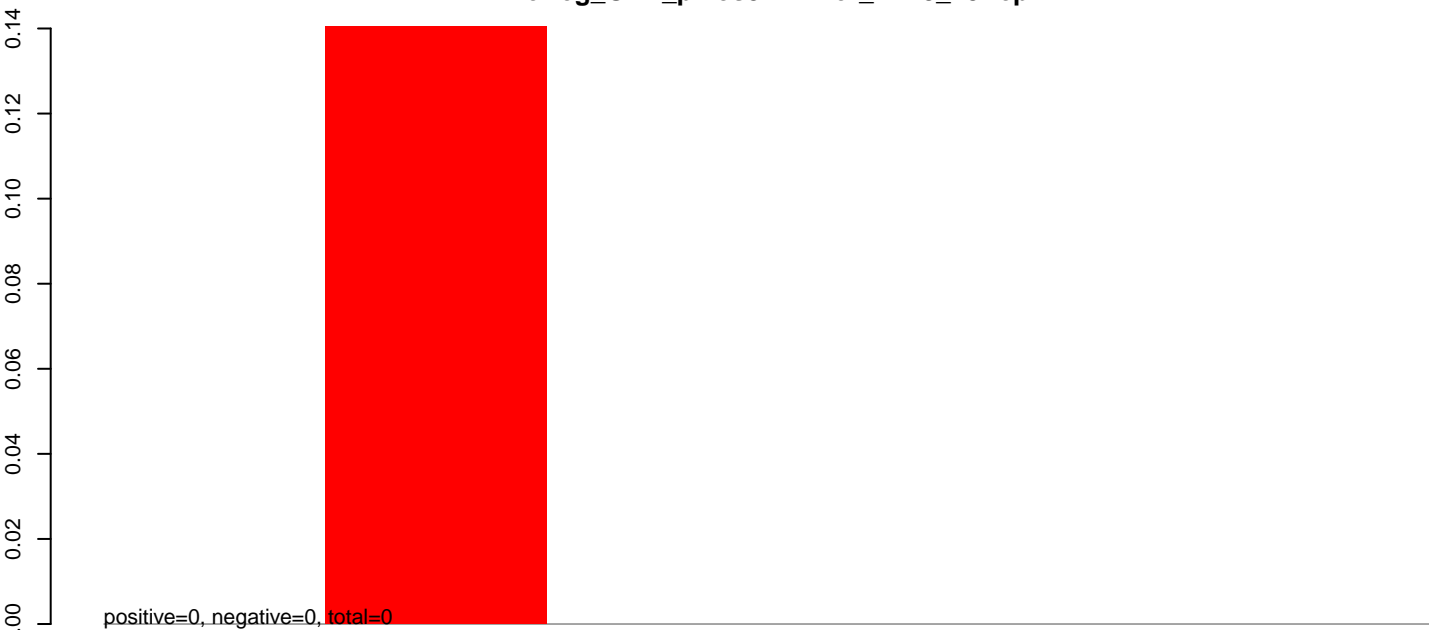


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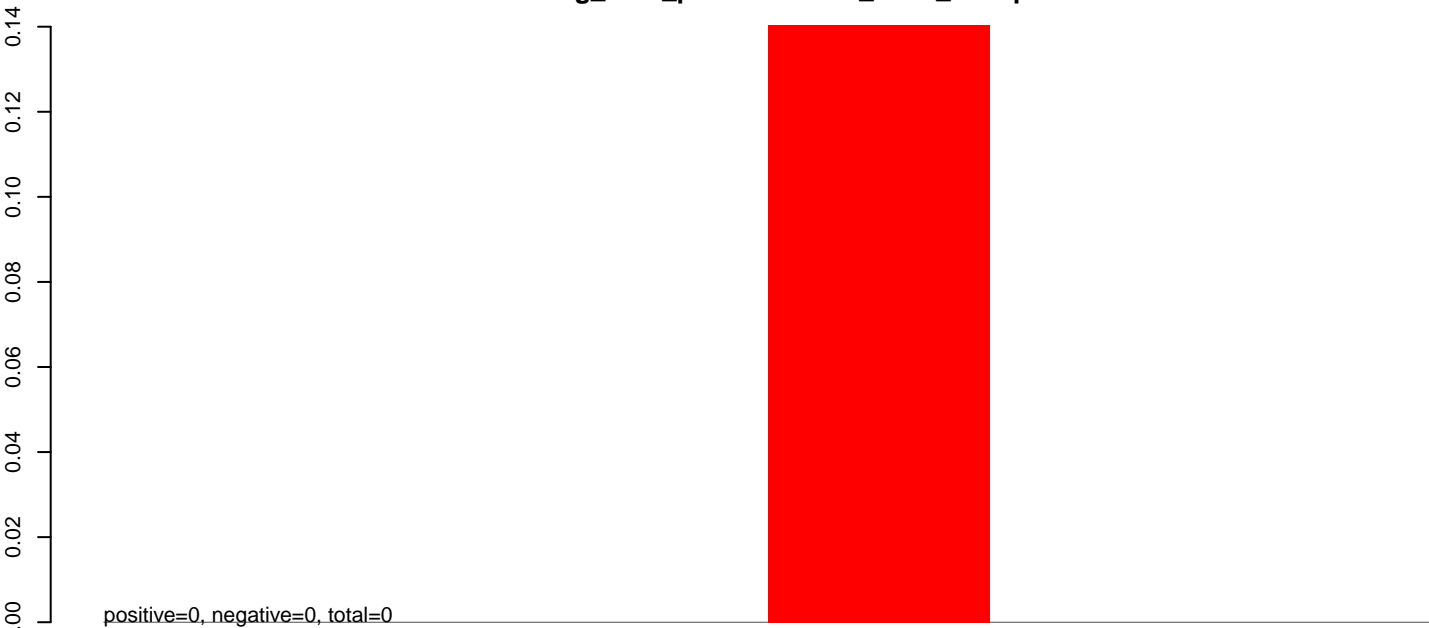


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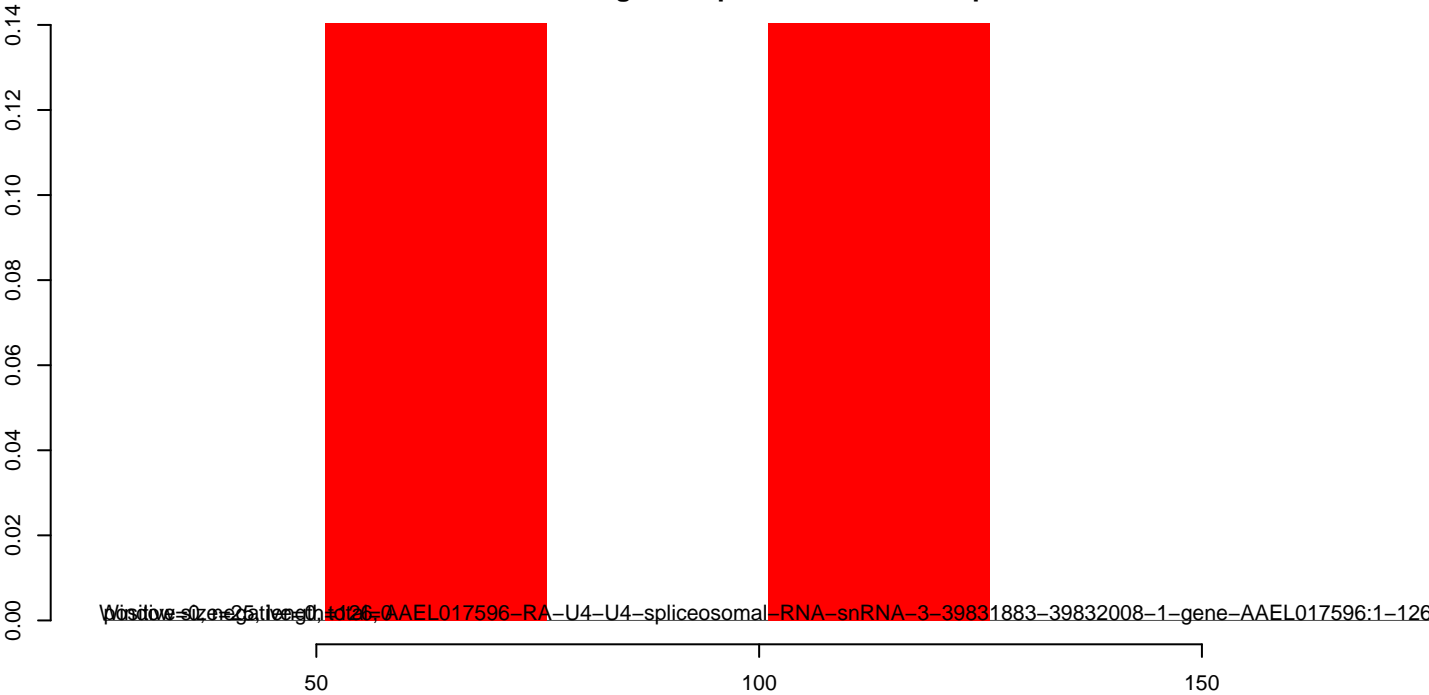
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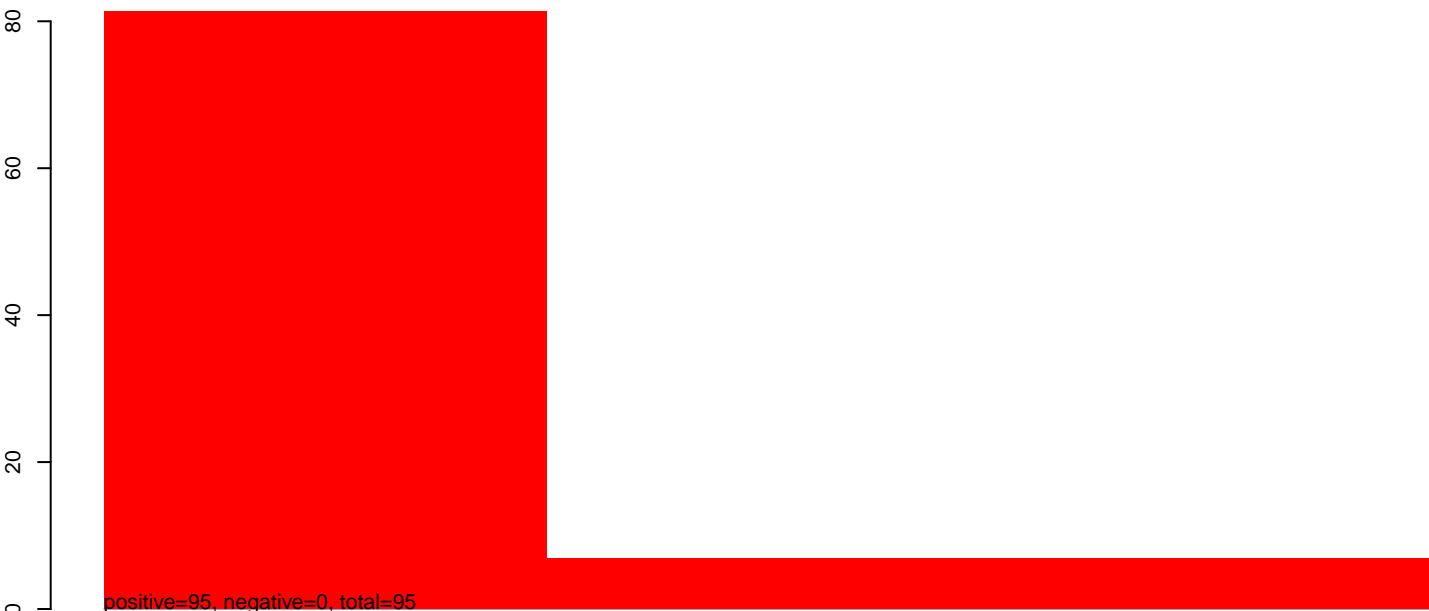
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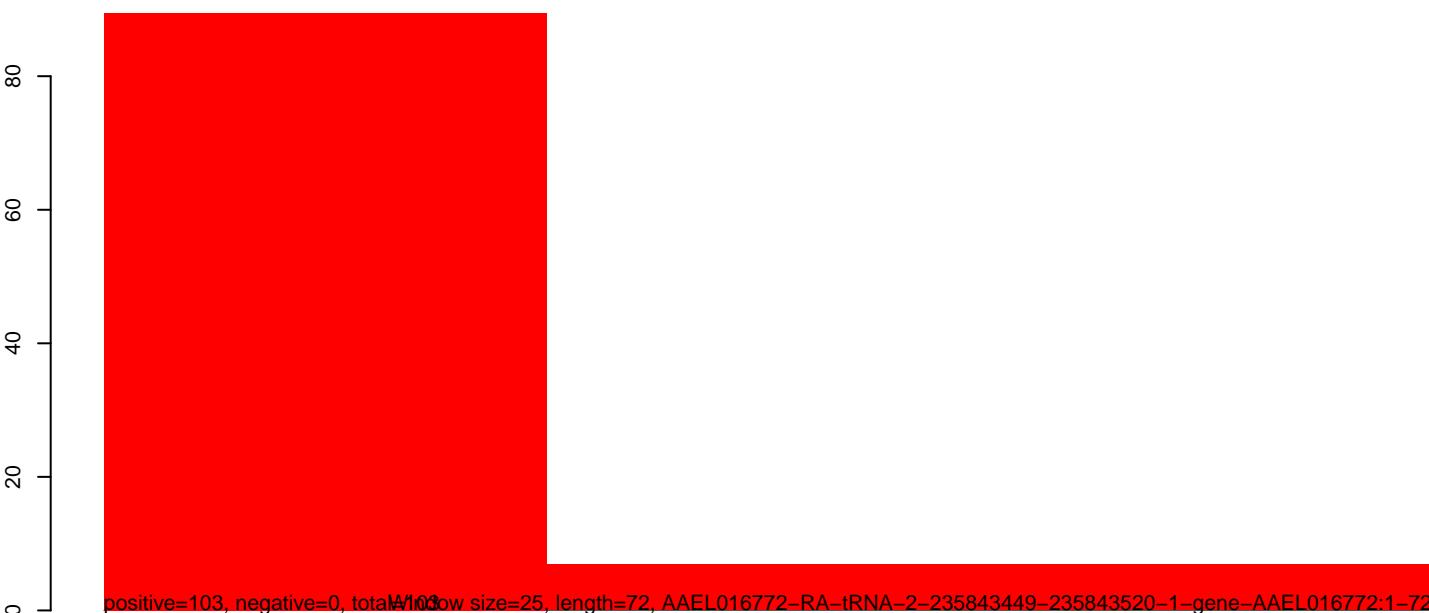
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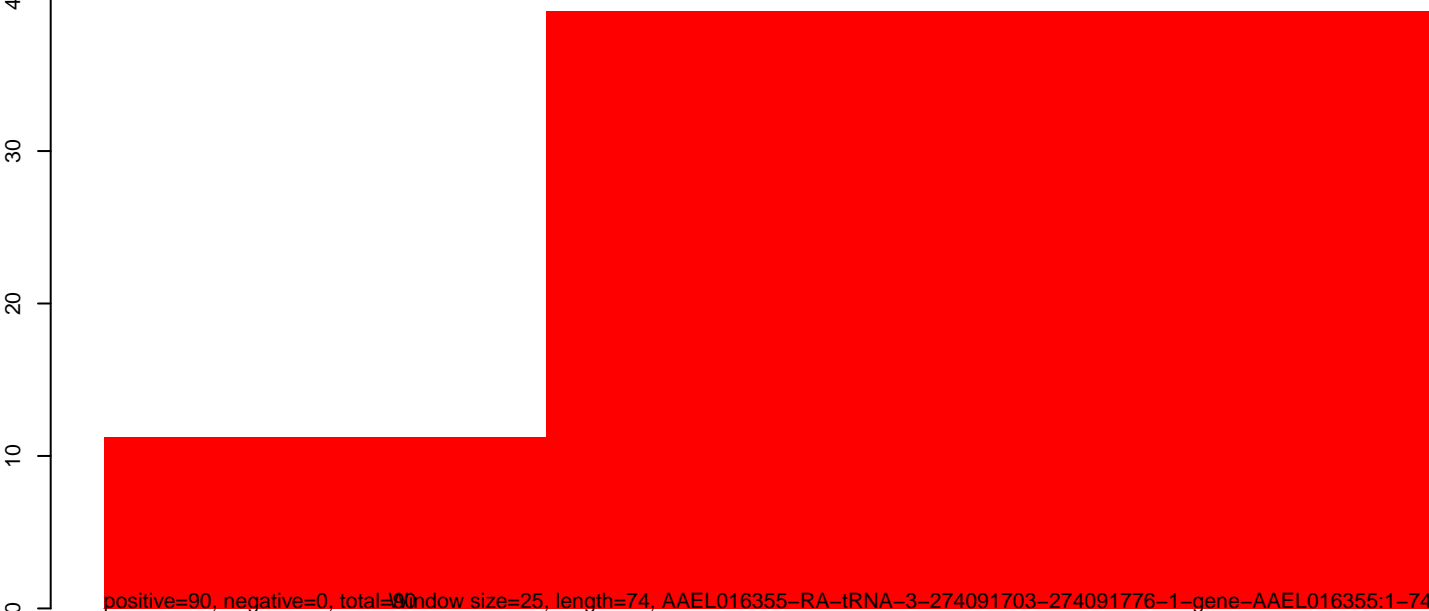
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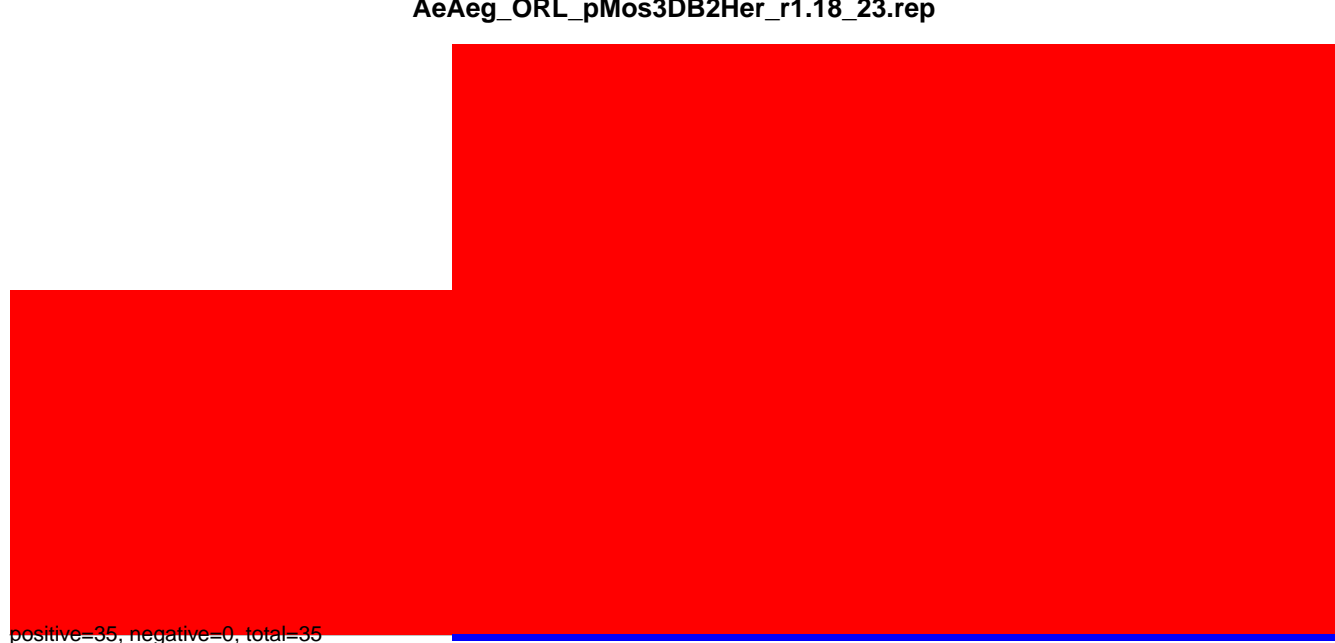


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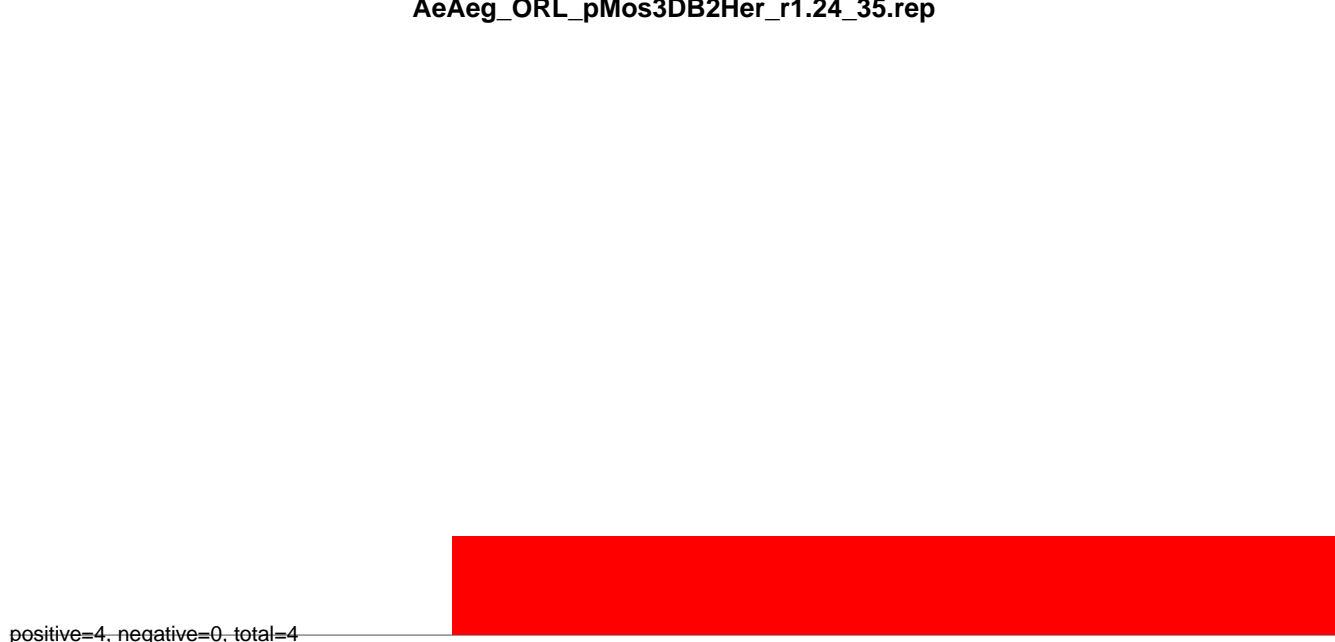


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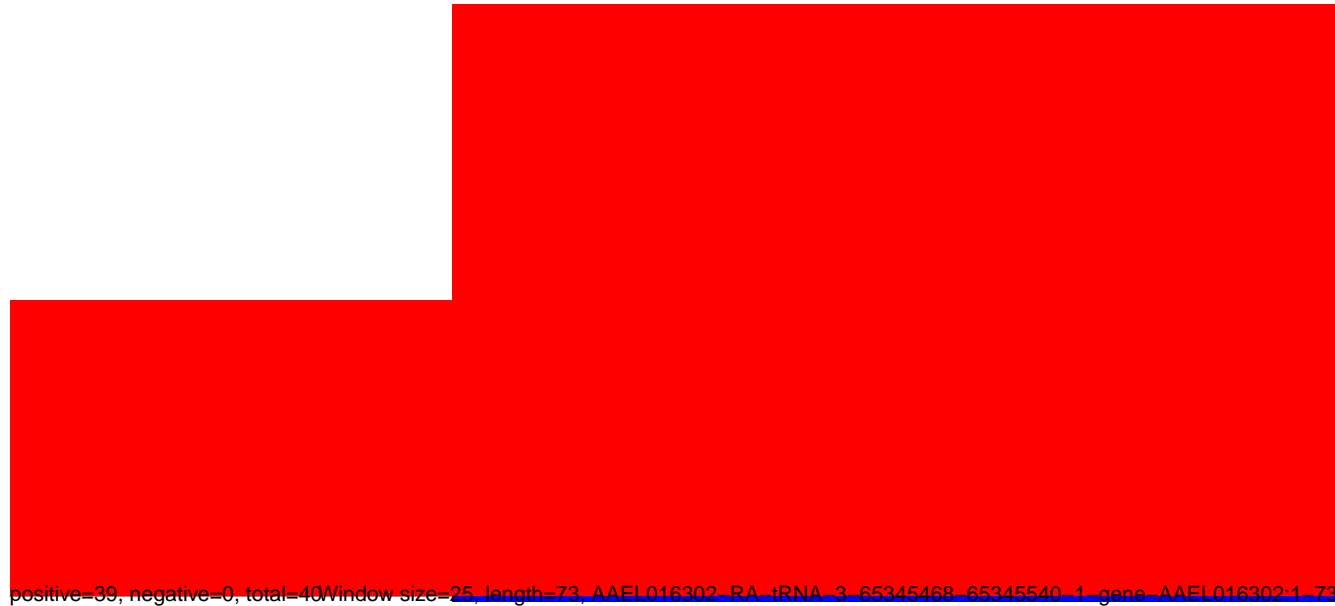
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**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



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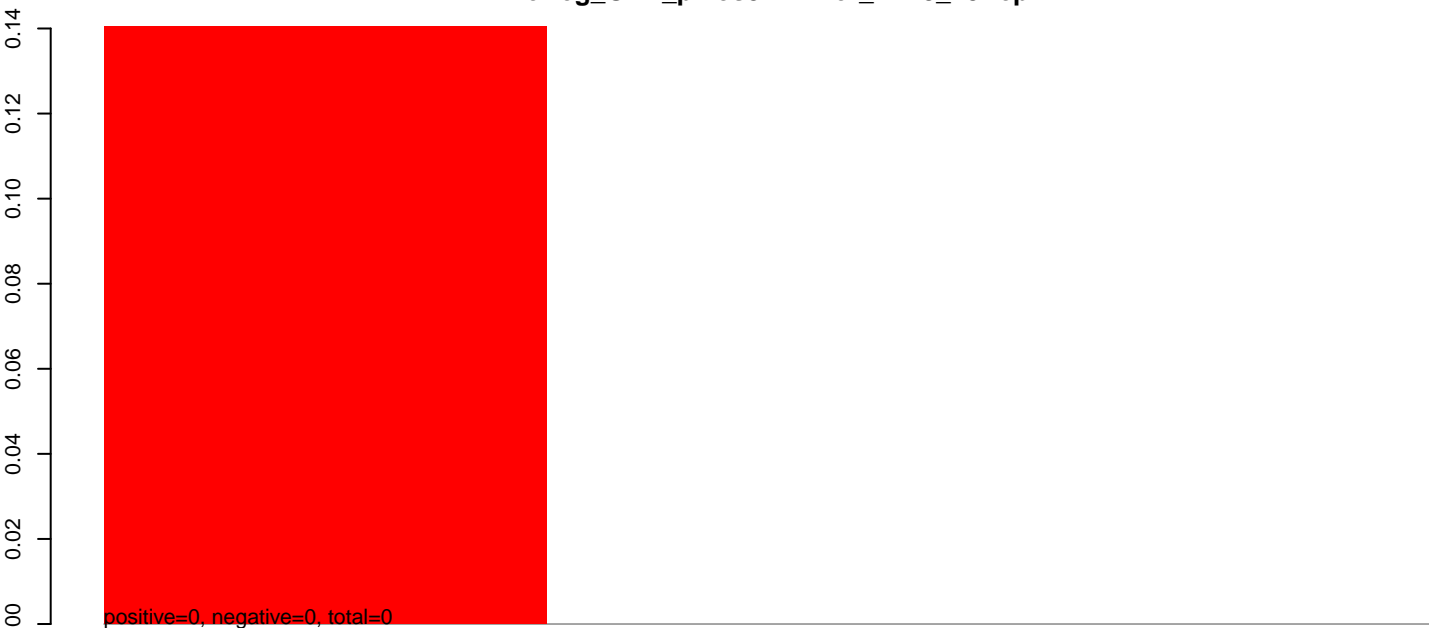
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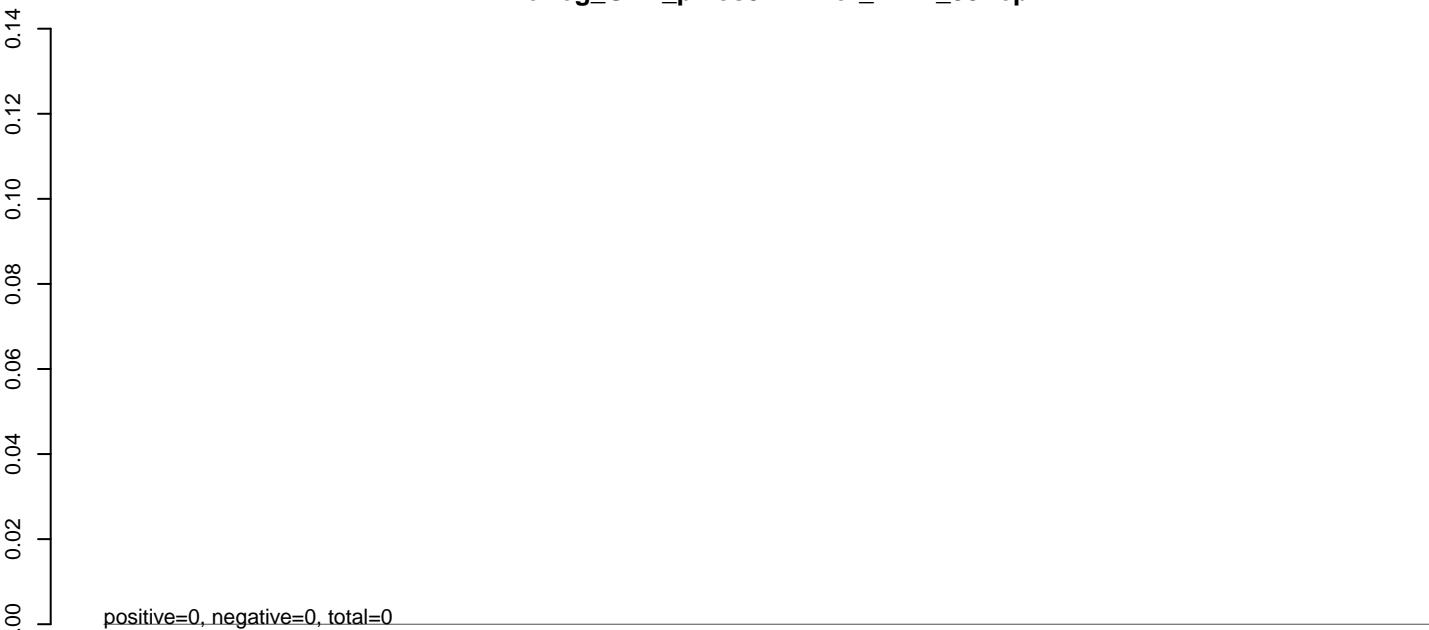
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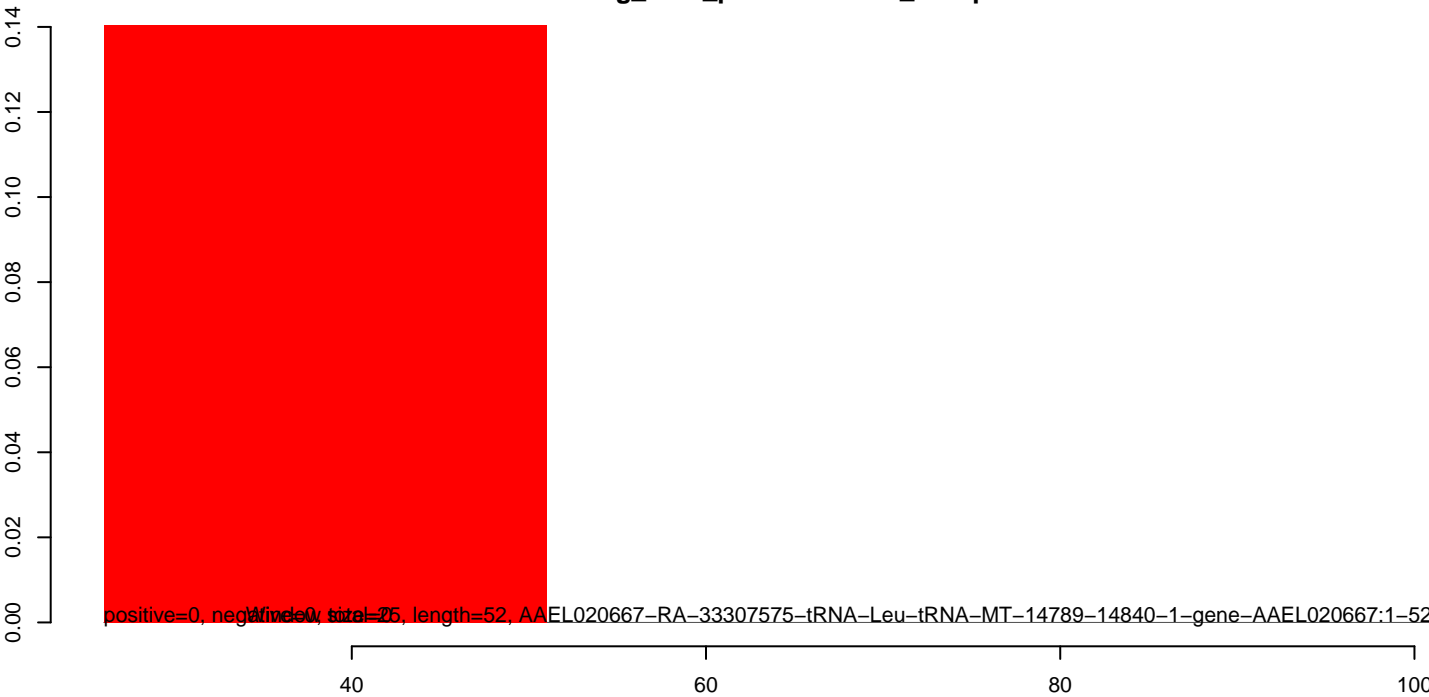
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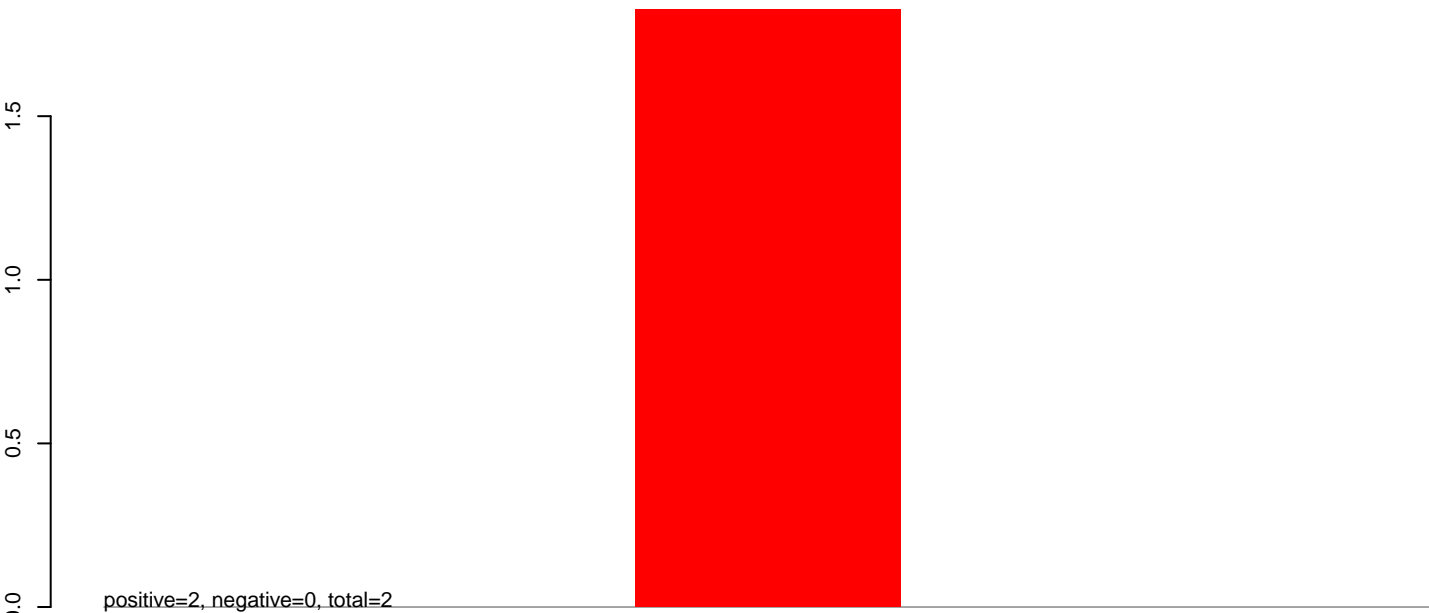
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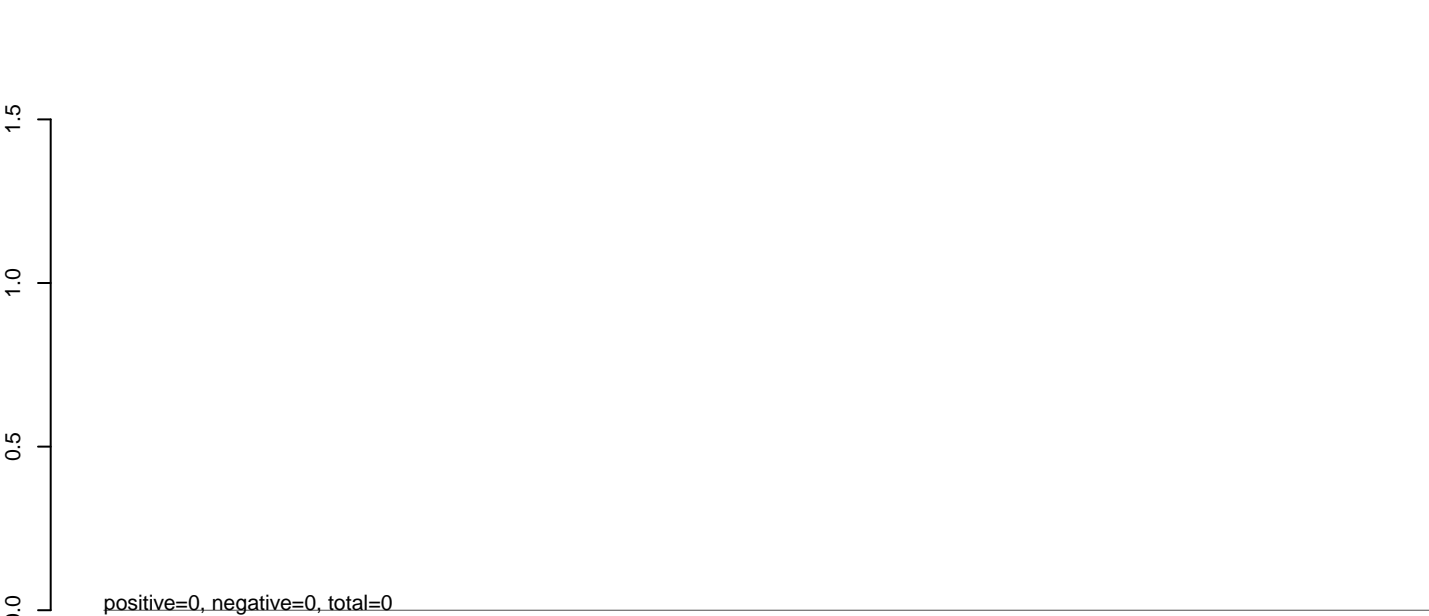
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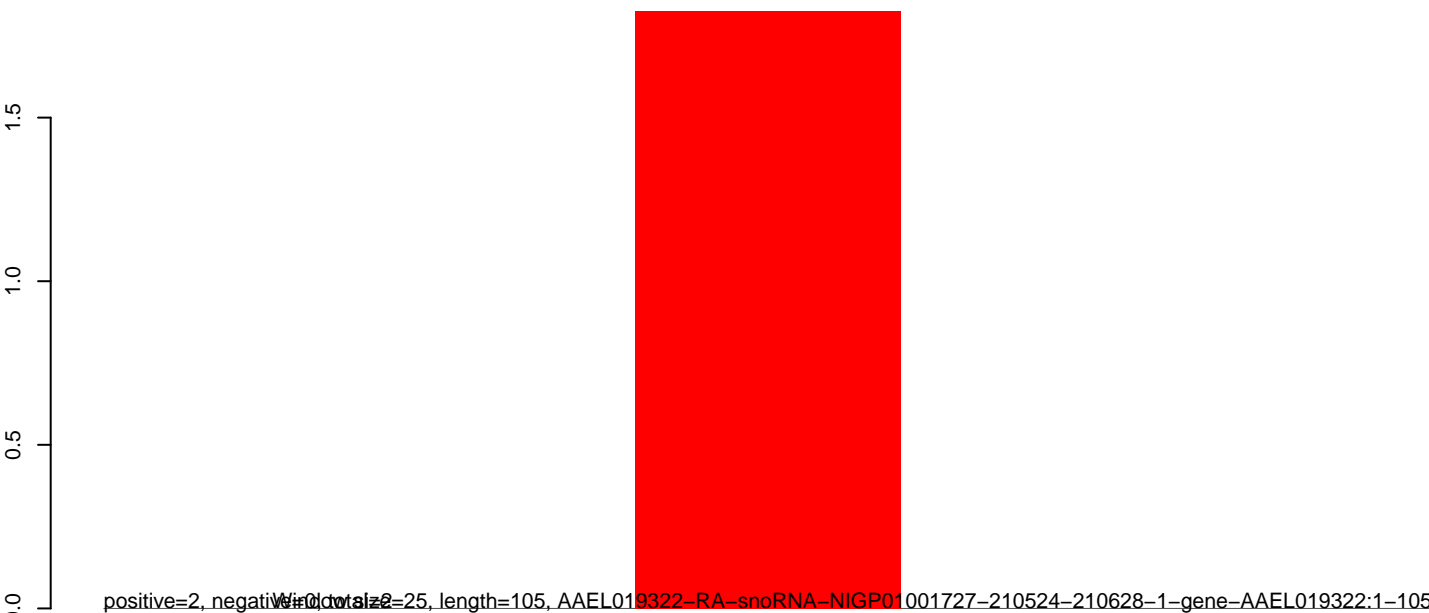
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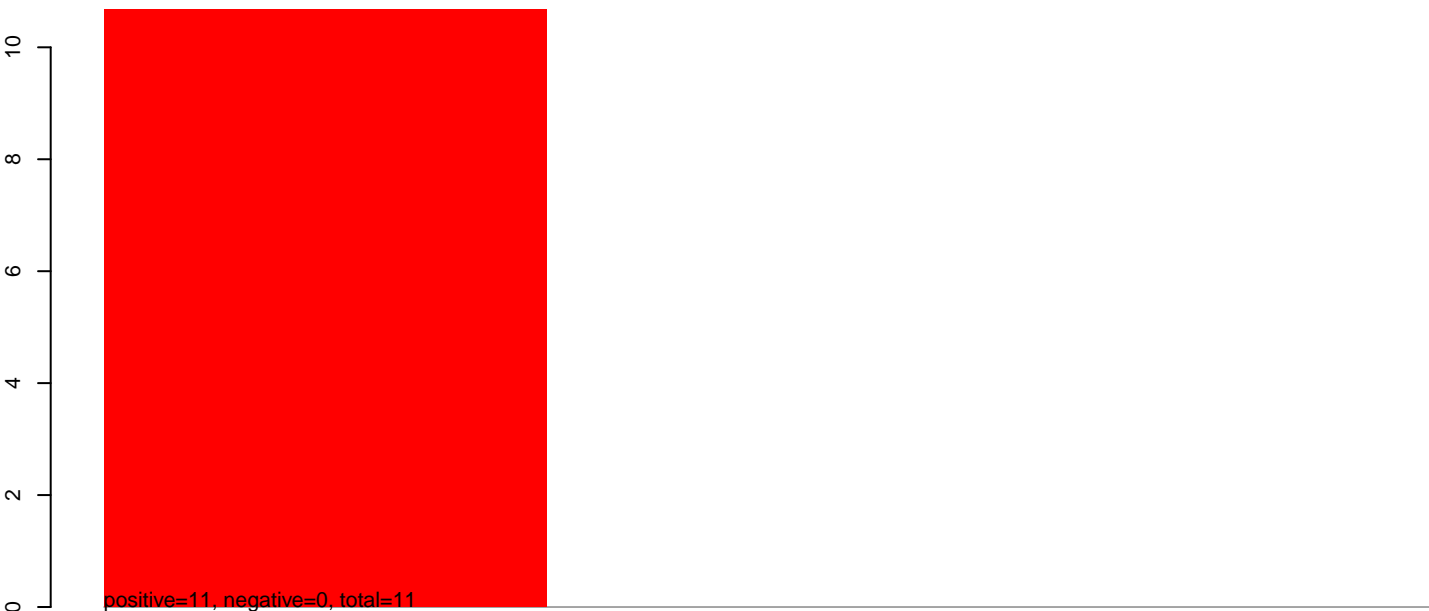


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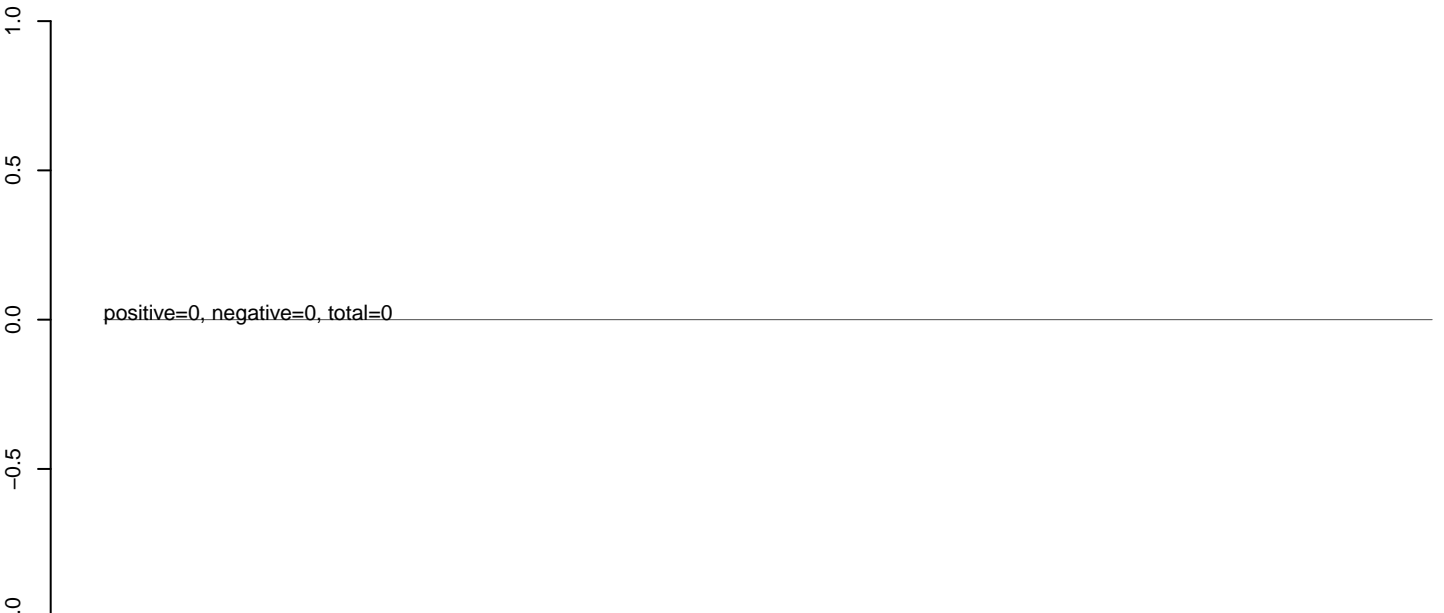
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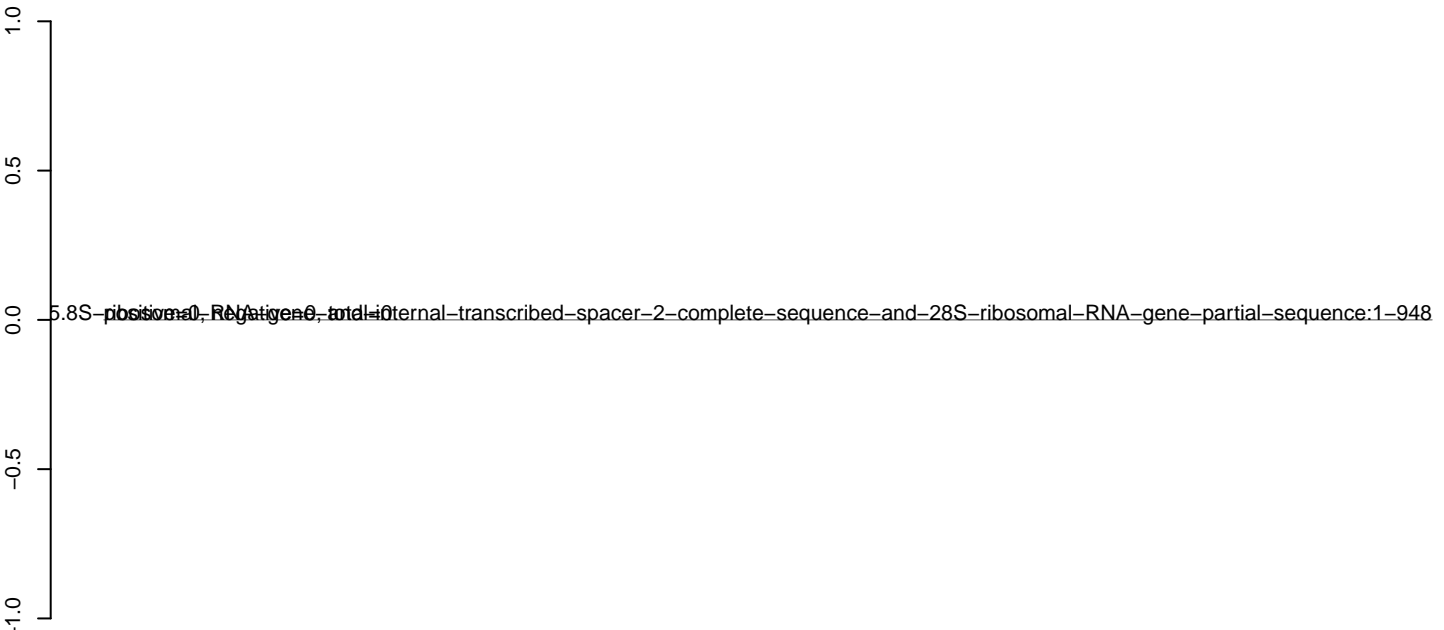
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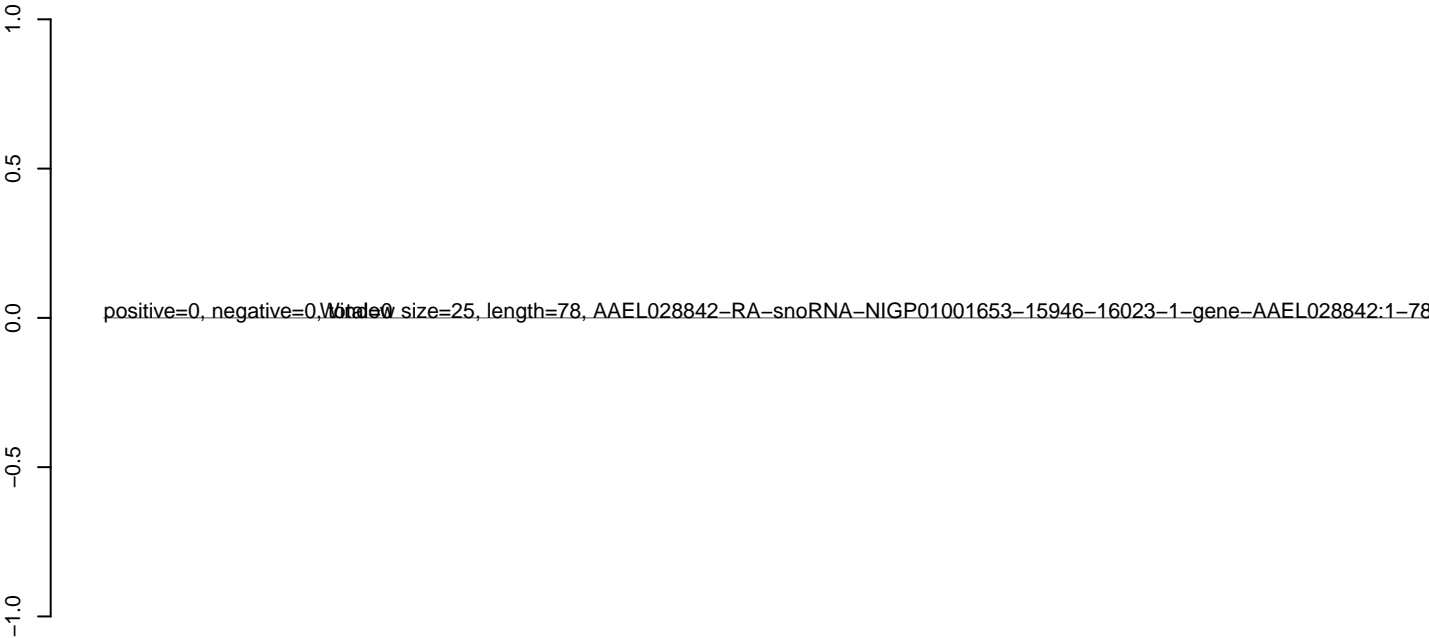
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**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



**AeAeg\_ORL\_pMos3DB2Her\_r1.18\_23.rep**



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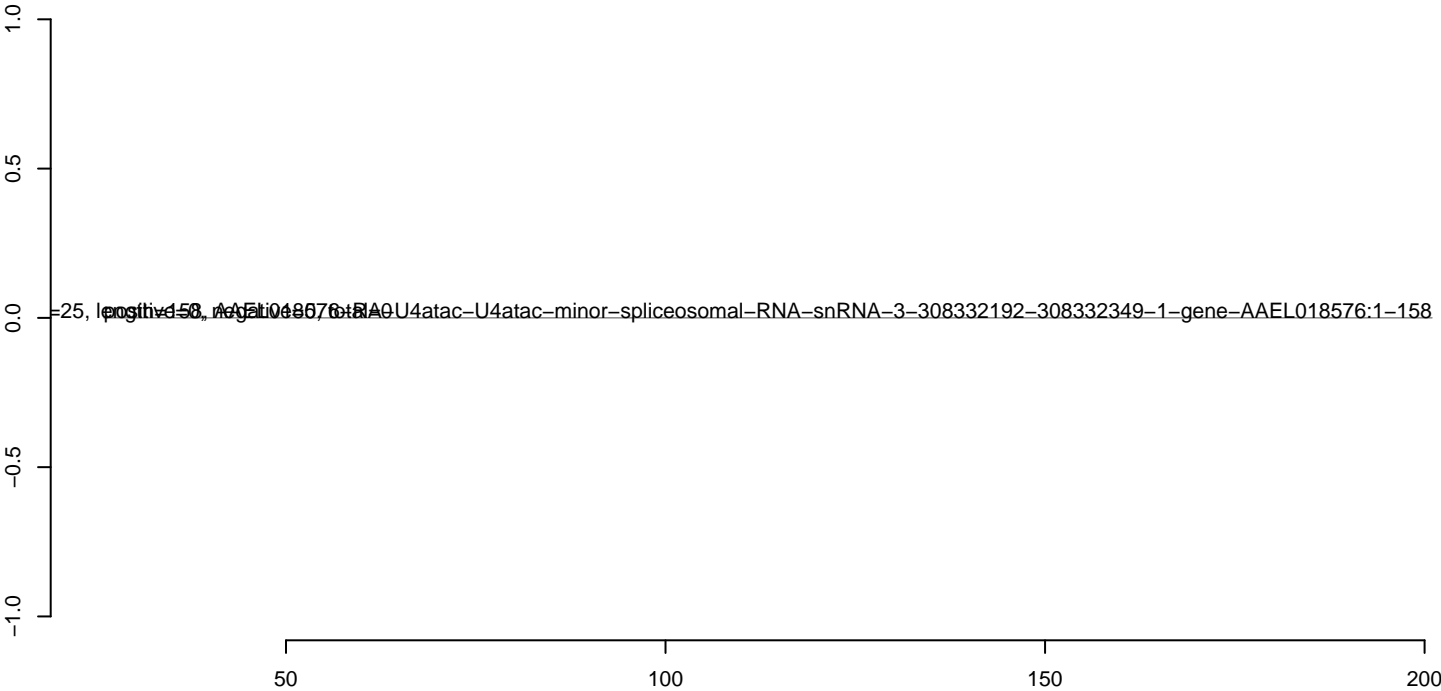
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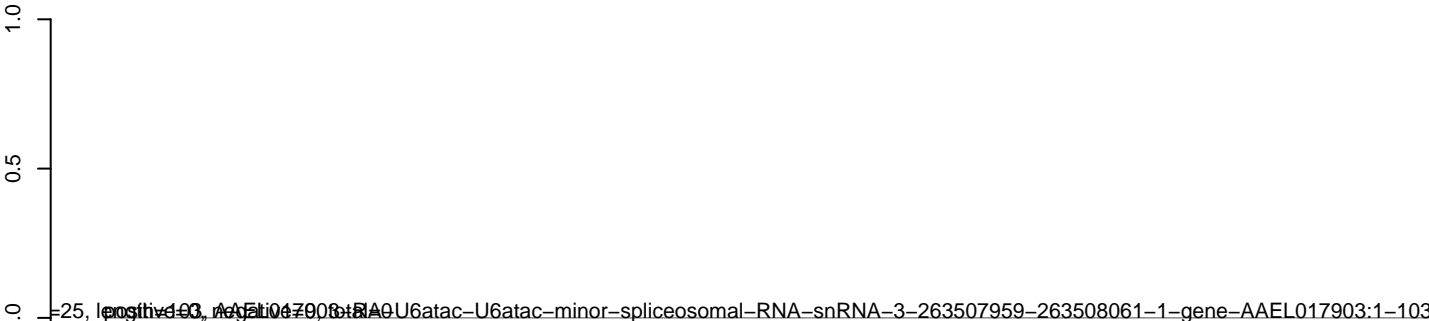
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**AeAeg\_ORL\_pMos3DB2Her\_r1.rep**



40 60 80 100 120 140