Meta-plots of the motif match enrichment near splice donor, acceptor, TSS, start and stop codon positions (y-axis scaled separately)

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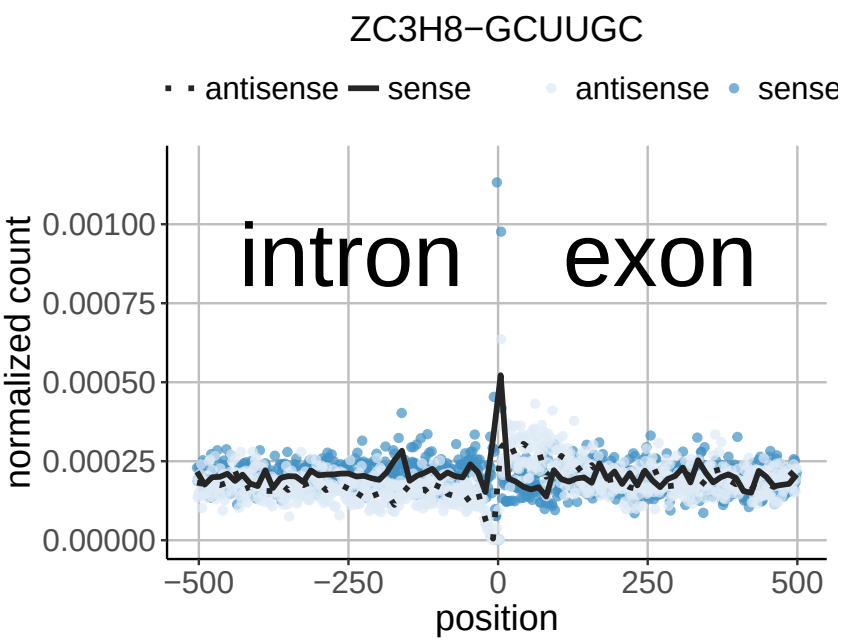
ACCEPTOR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sense
intron
exon
normalized count
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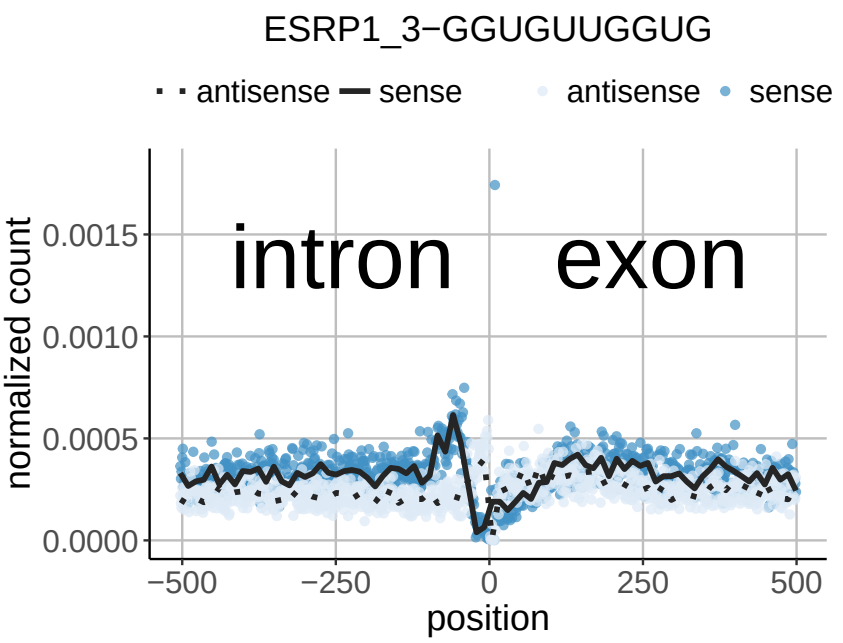
0.00075
0.00050
0.00025
0.00000
−500
−250
0
250
500
position


ESRP1_3−GGUGUUGGUG
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intron
exon
normalized count
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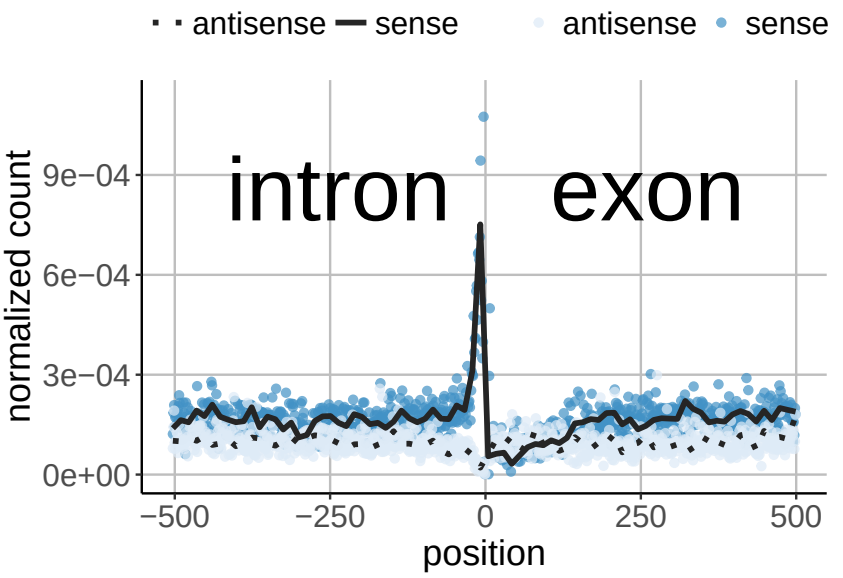
0.0010
0.0005
0.0000
−500
−250
0
250
500
position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sense
intron
exon
normalized count
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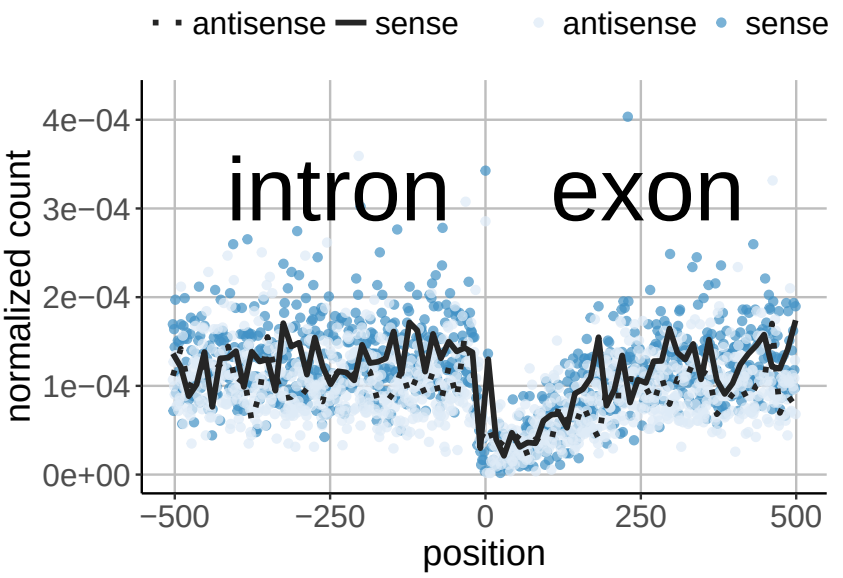
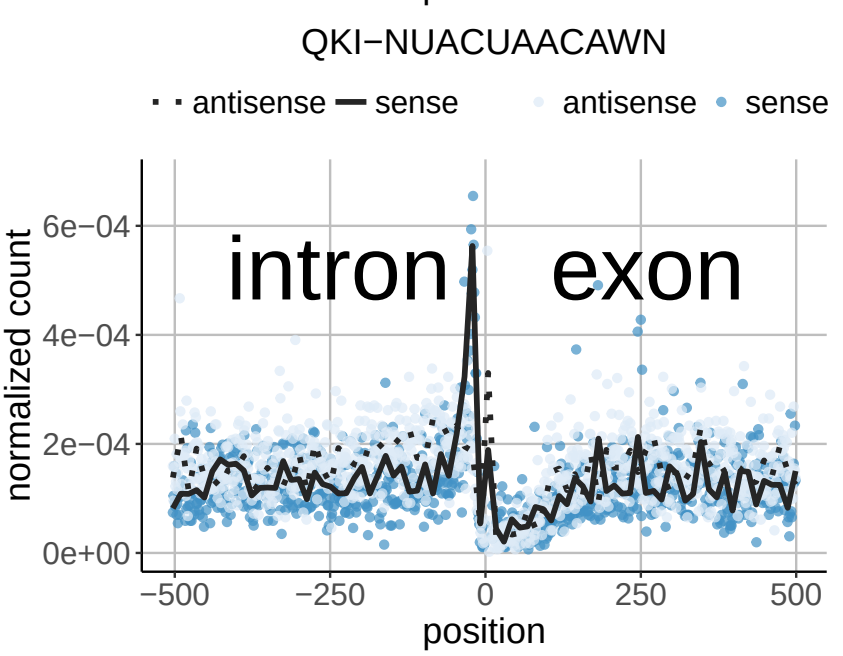
3e−04
0e+00
−500
−250
0
250
500
position


PUM1−NUGUAAAUAG
antisense
sense
intron
exon
normalized count
4e−04
3e−04
2e−04
1e−04
0e+00
−500
−250
0
250
500
position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sense
intron
exon
normalized count
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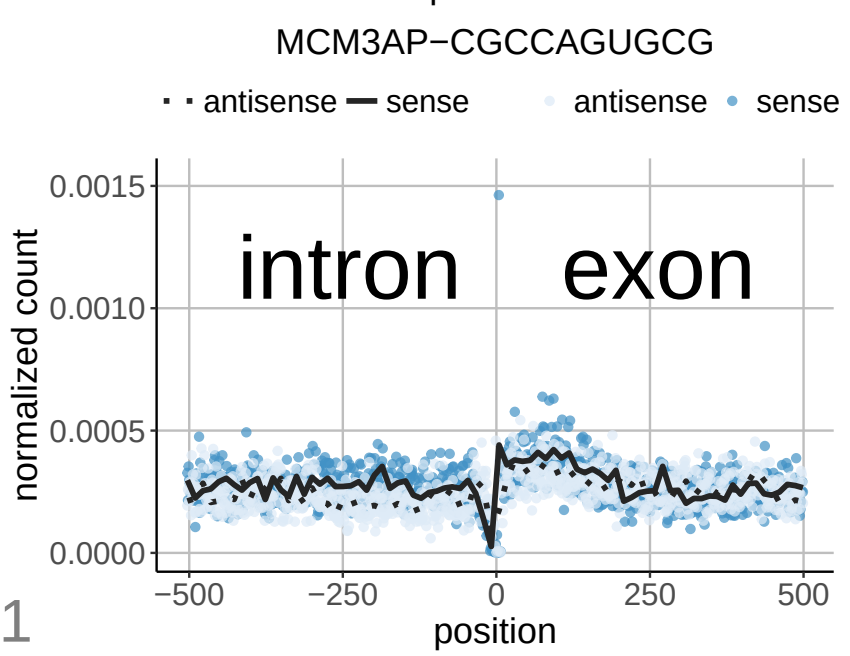
4e−04
2e−04
0e+00
−500
−250
0
250
500
position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sense
intron
exon
normalized count
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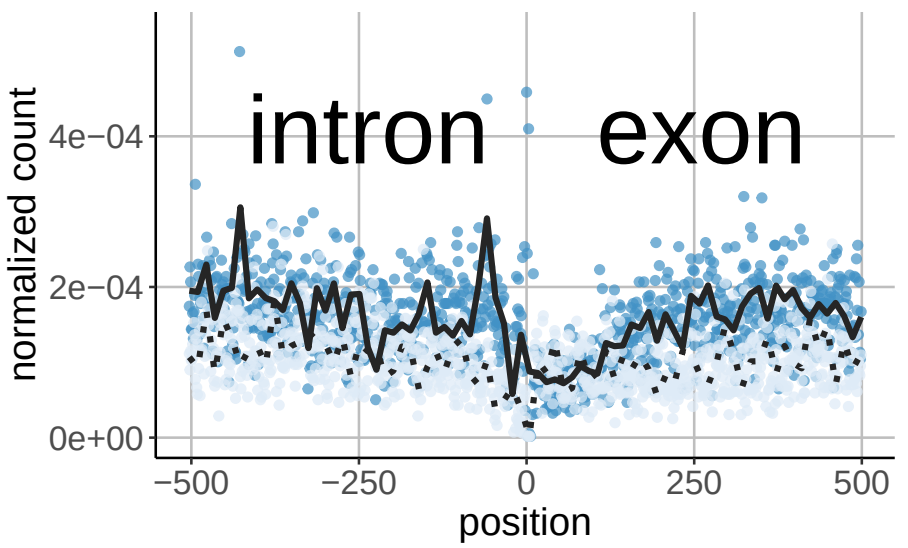
0.0010
0.0005
0.0000
−500
−250
0
250
500
position

ACCEPTOR

HNRNPC−UUUUUGGUGG



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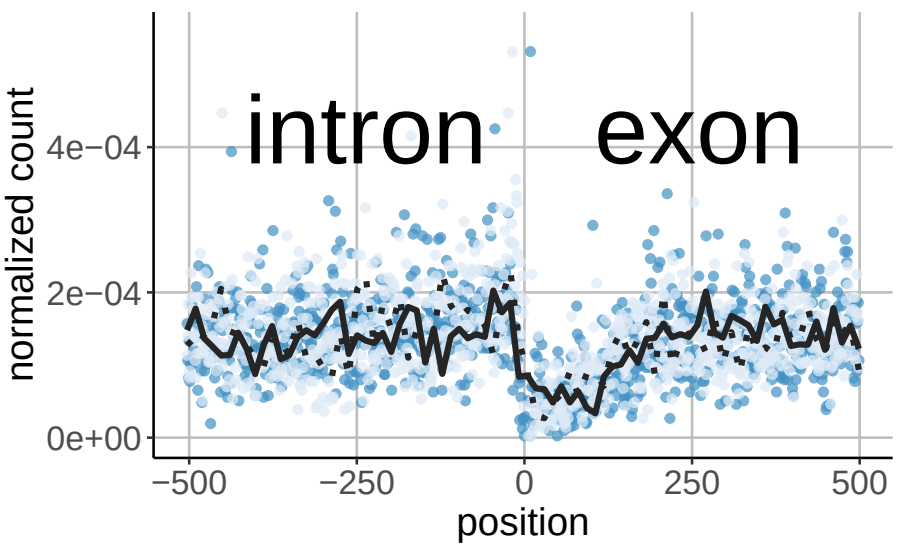

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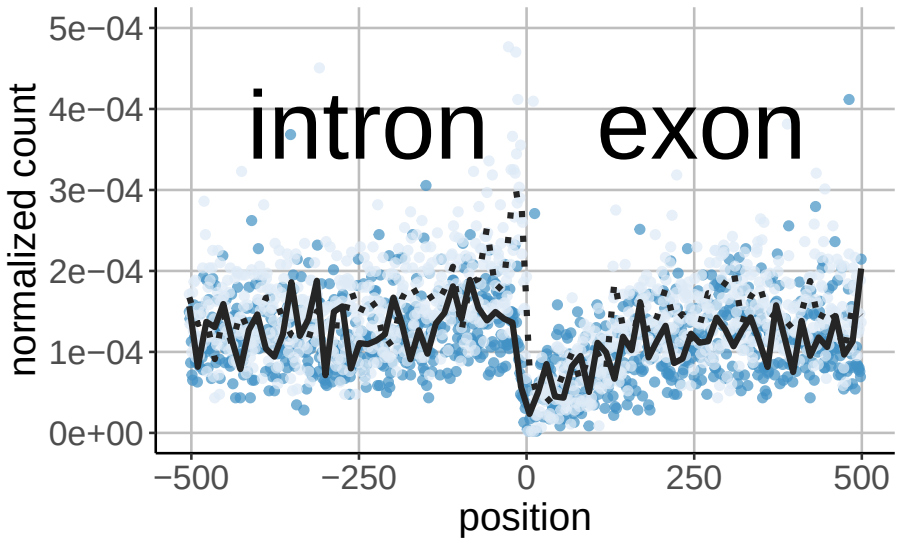

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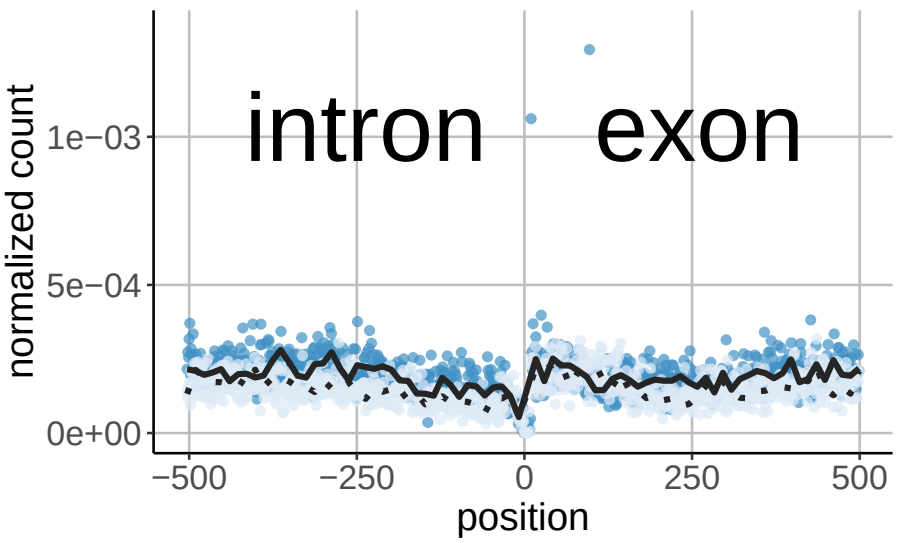

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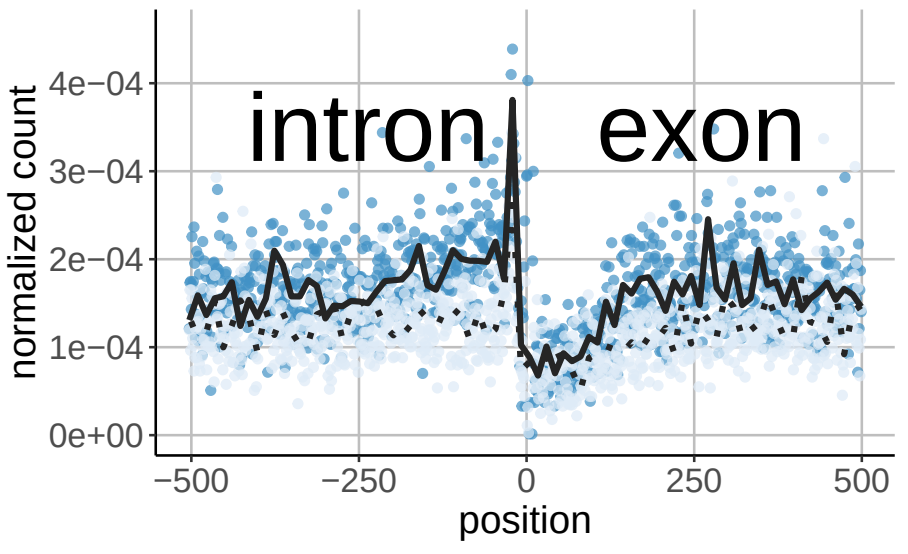

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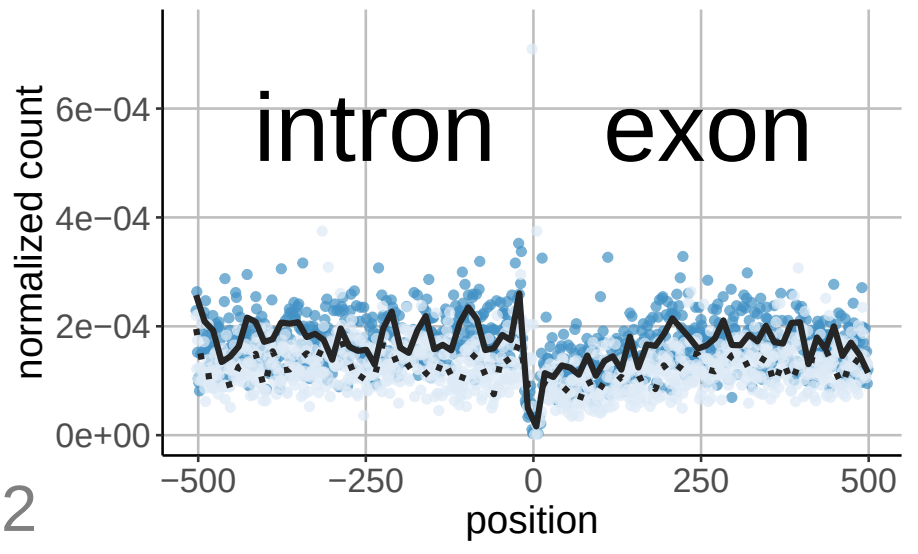

ACCEPTOR

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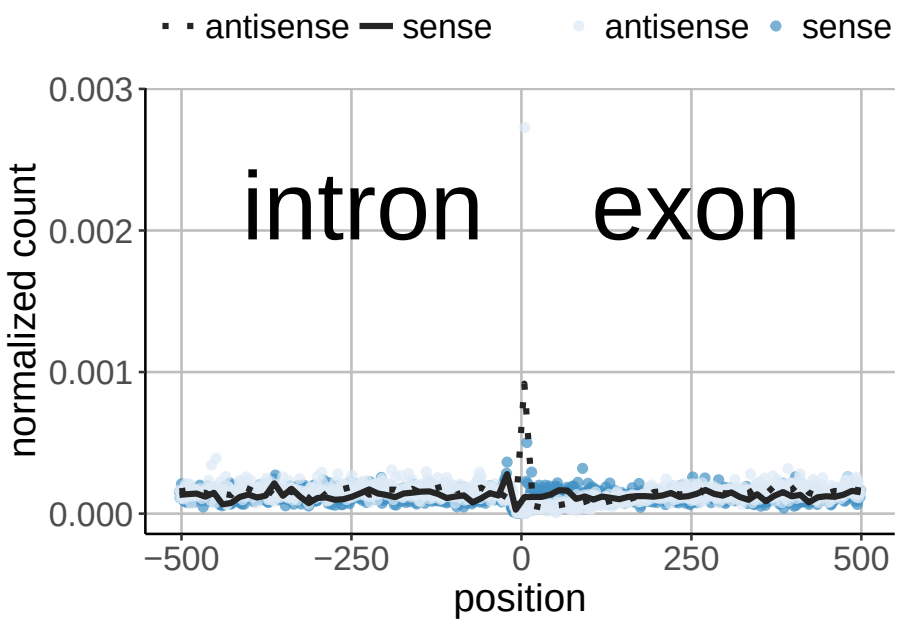

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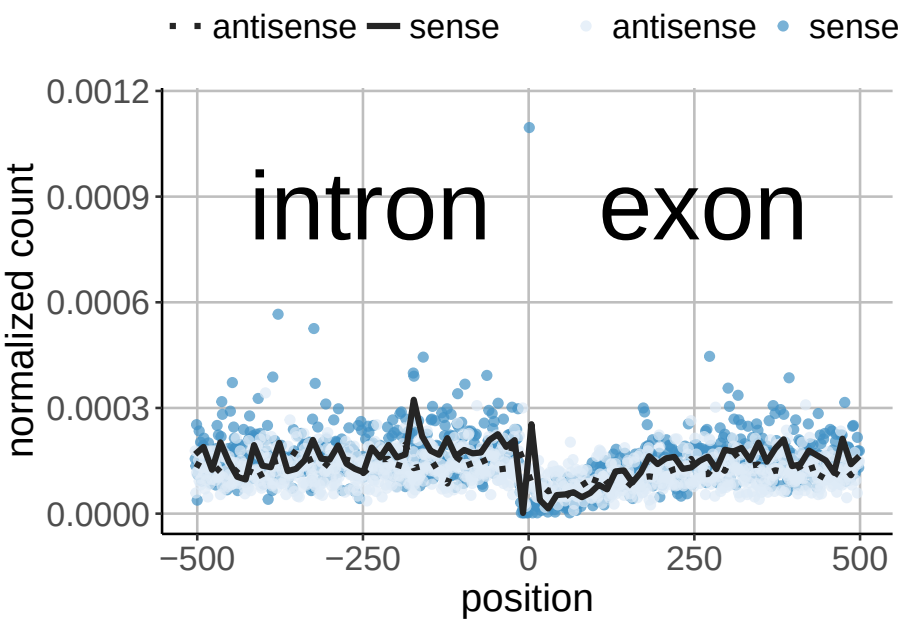

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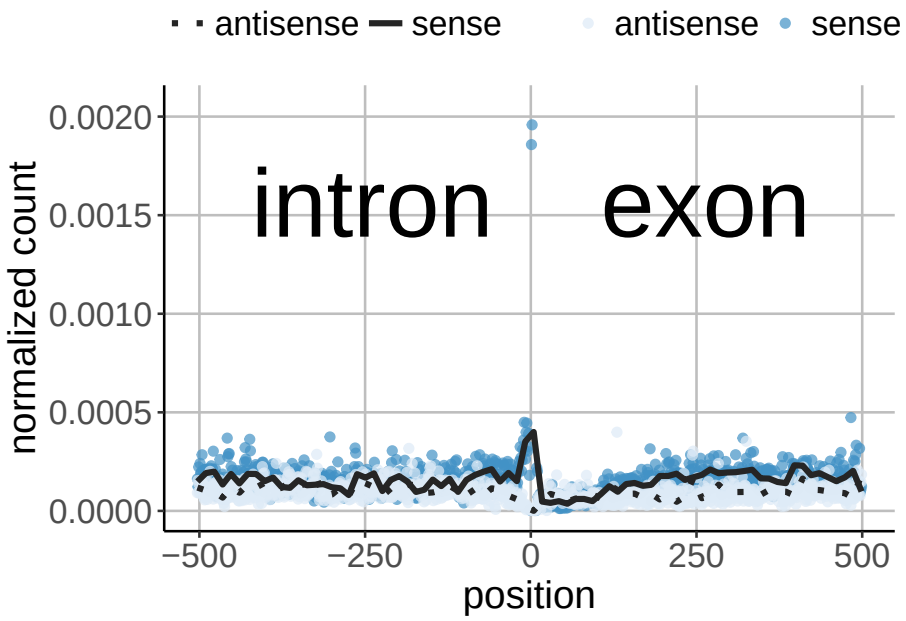

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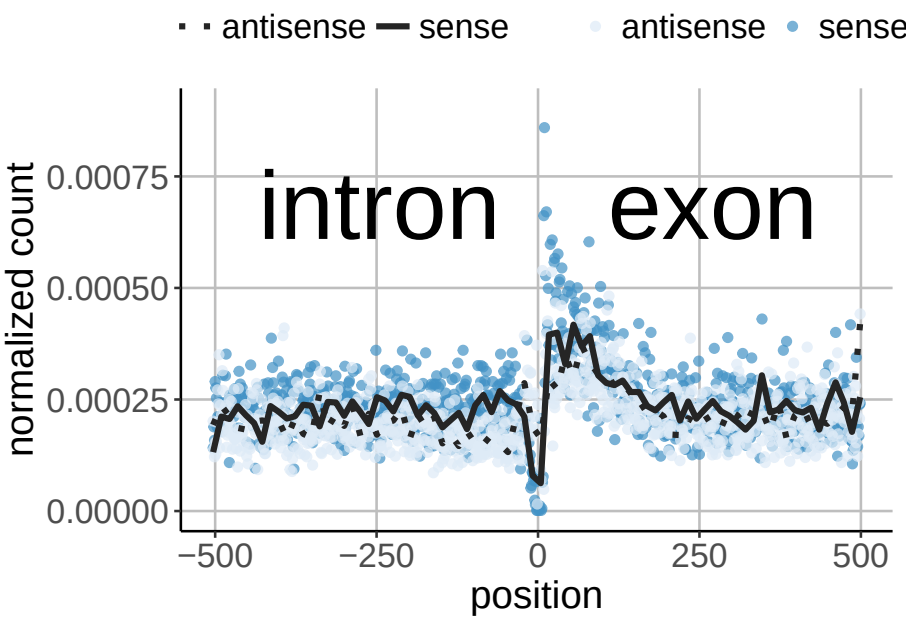

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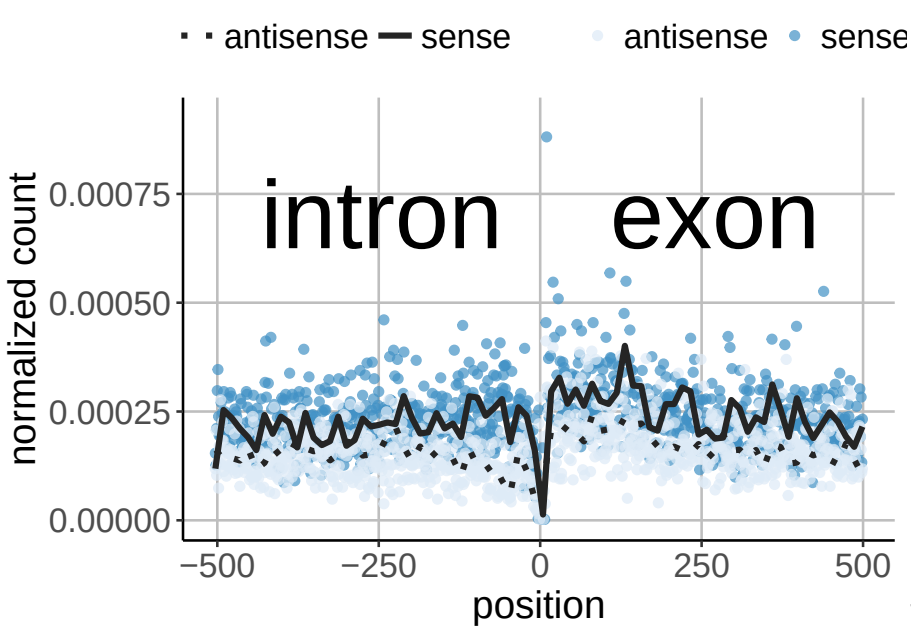

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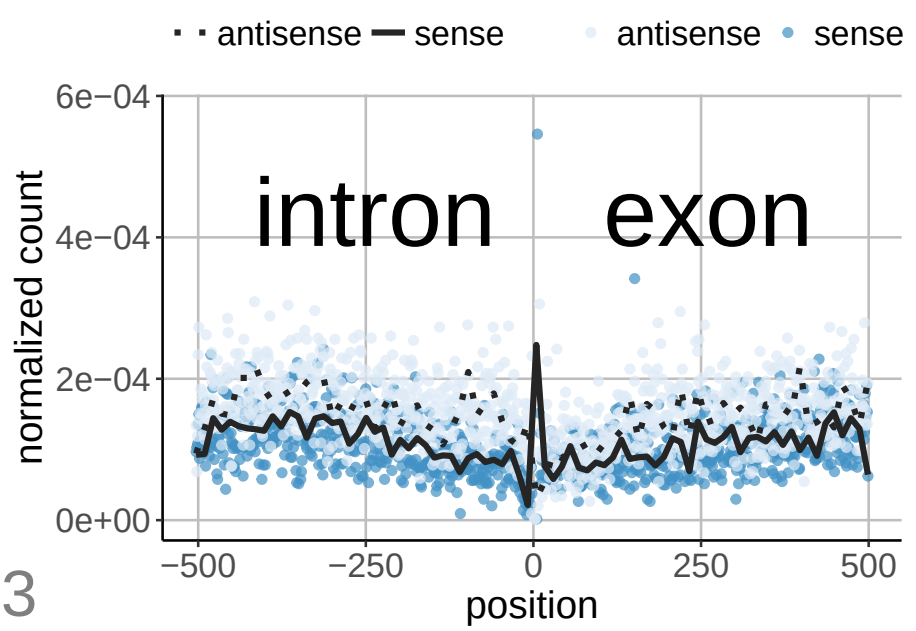

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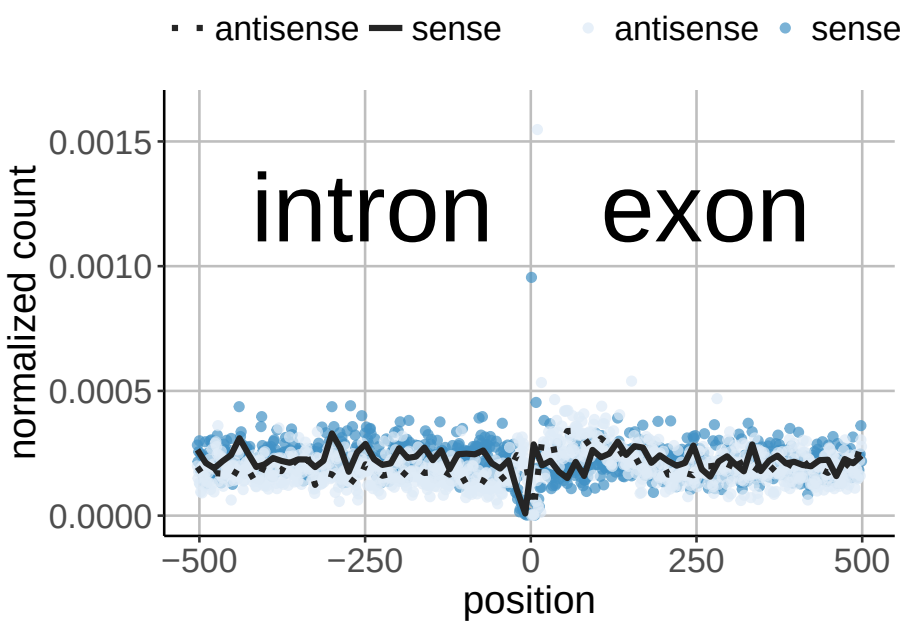

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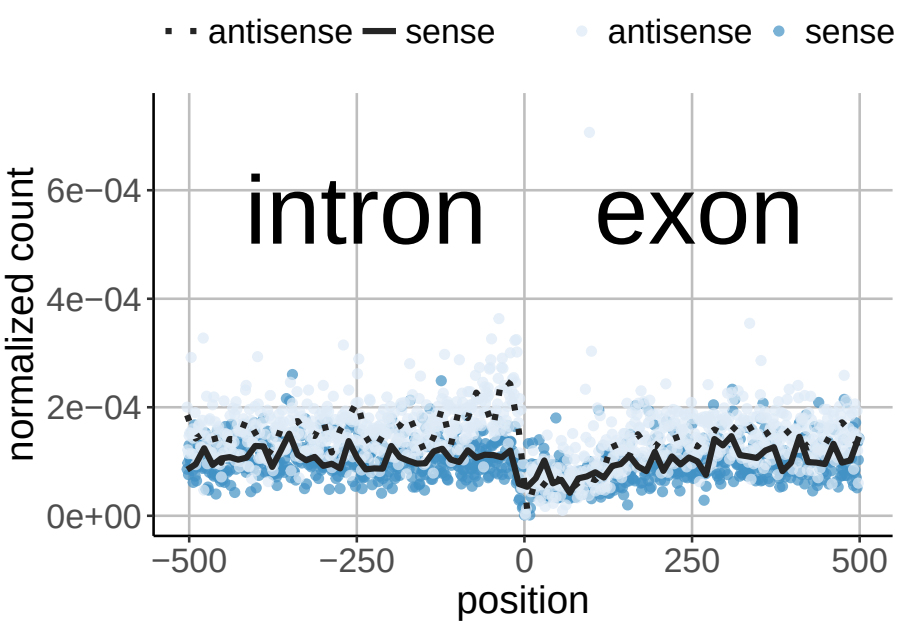

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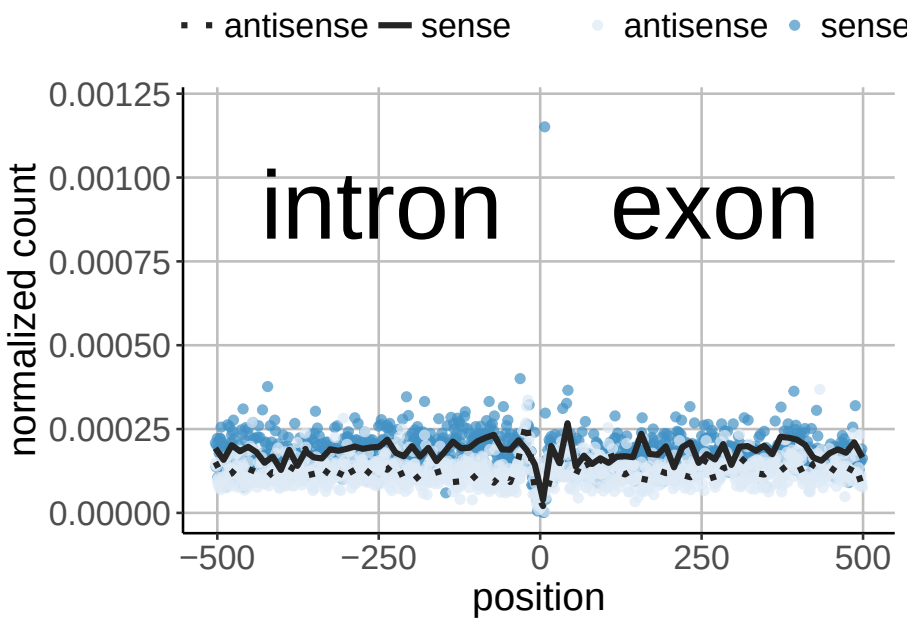

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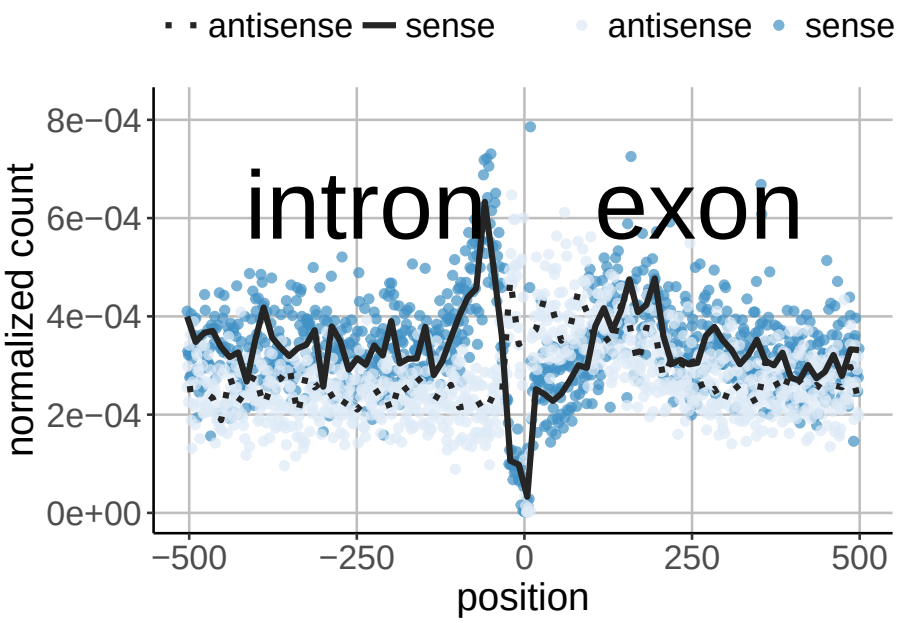

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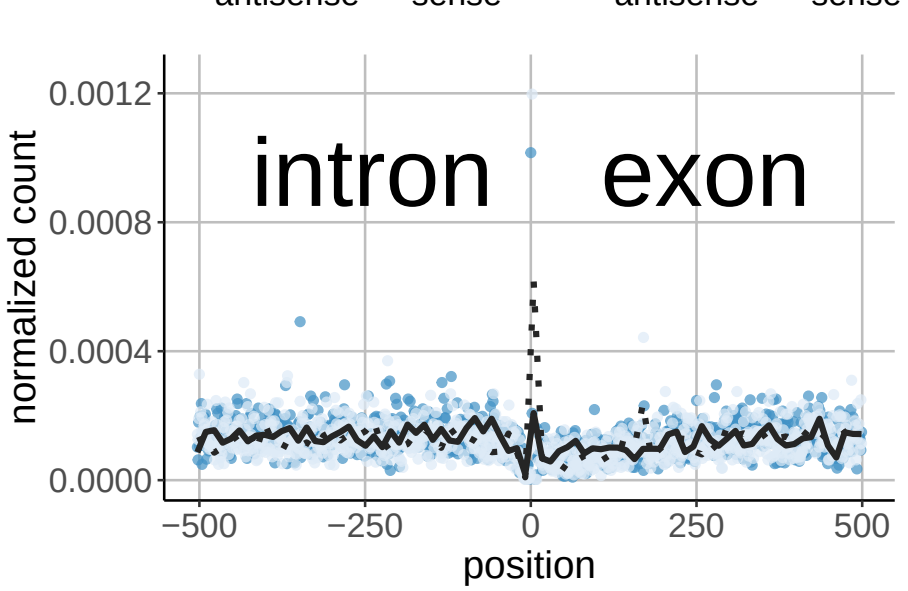

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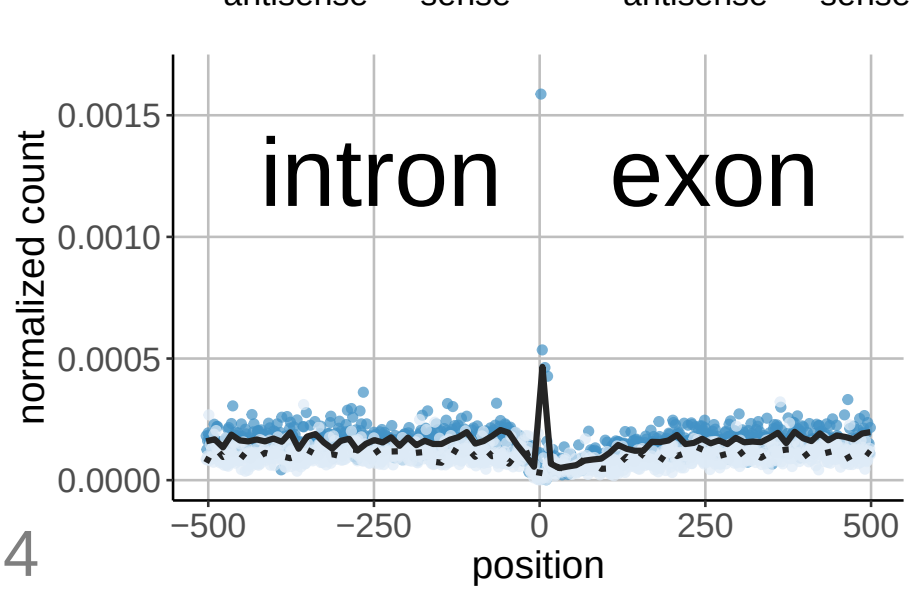

ACCEPTOR

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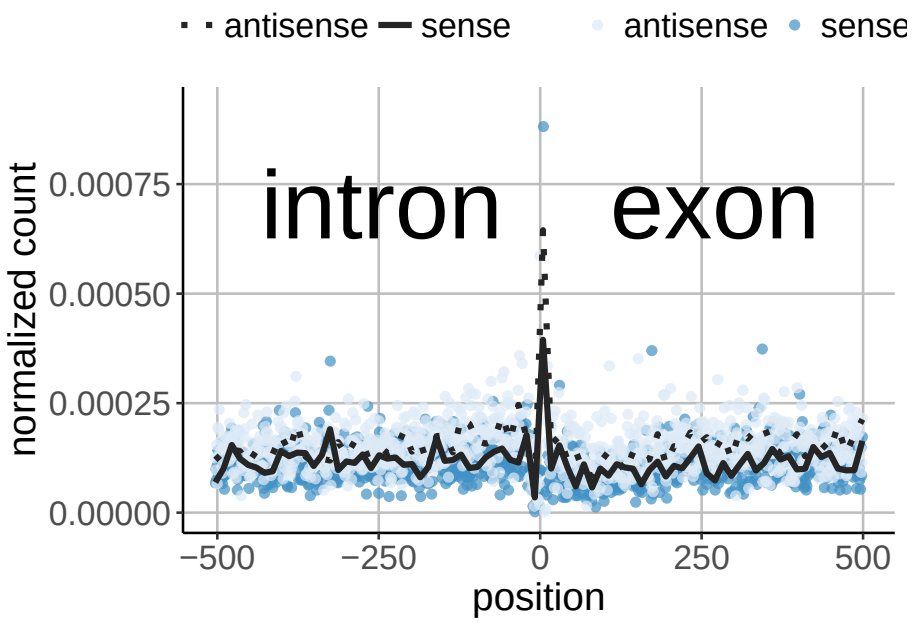
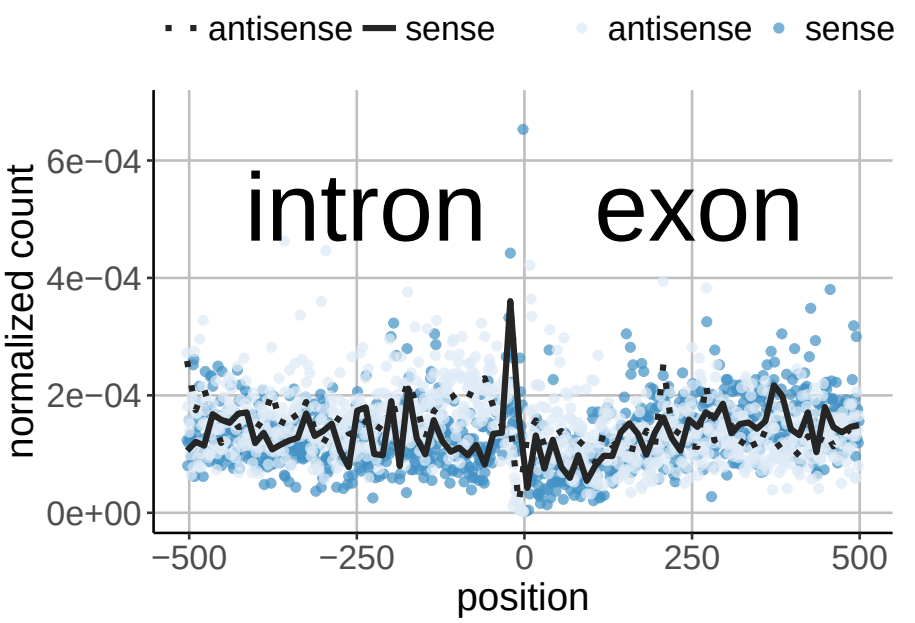


NOVA2_3−UCAUUCAU



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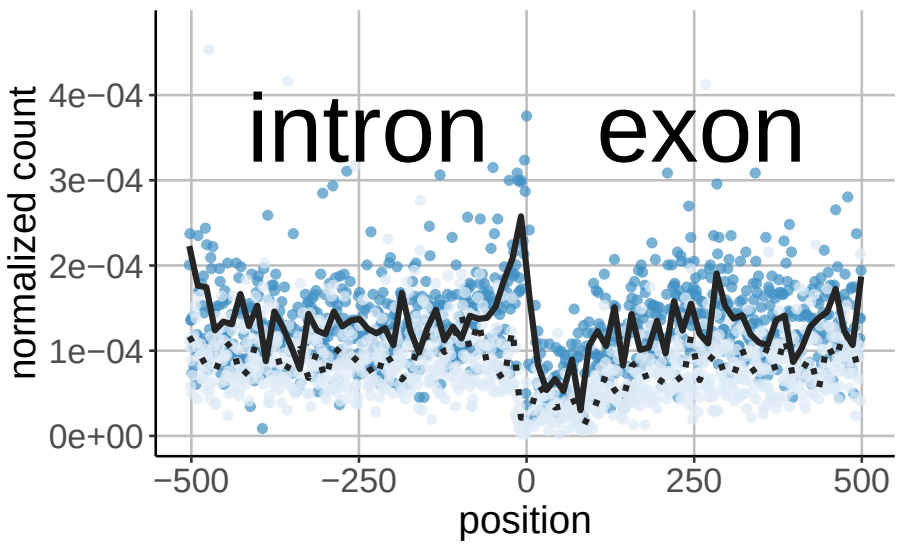

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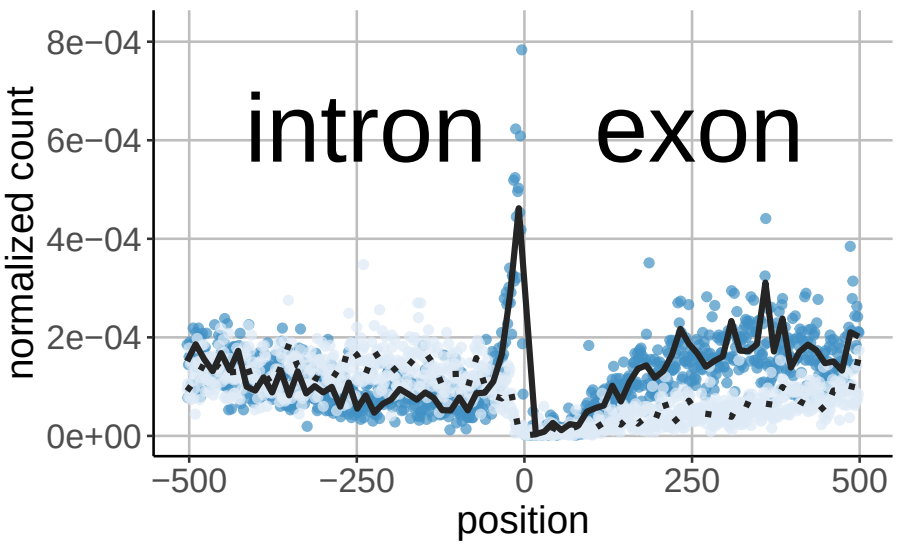

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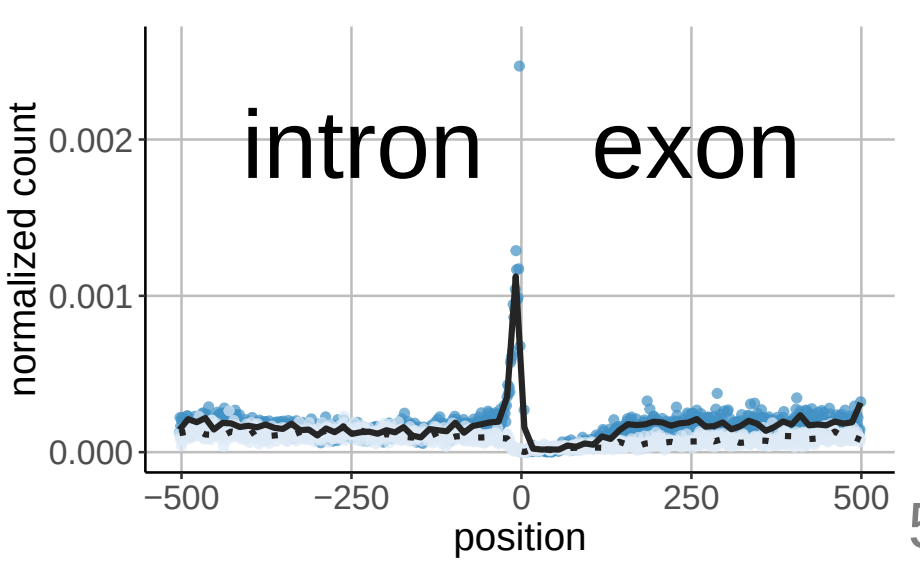

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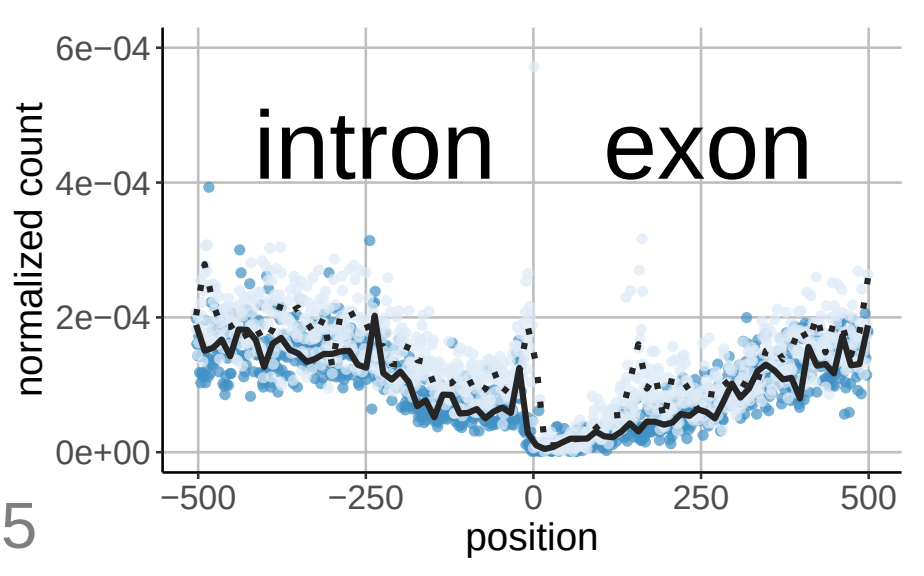

ACCEPTOR

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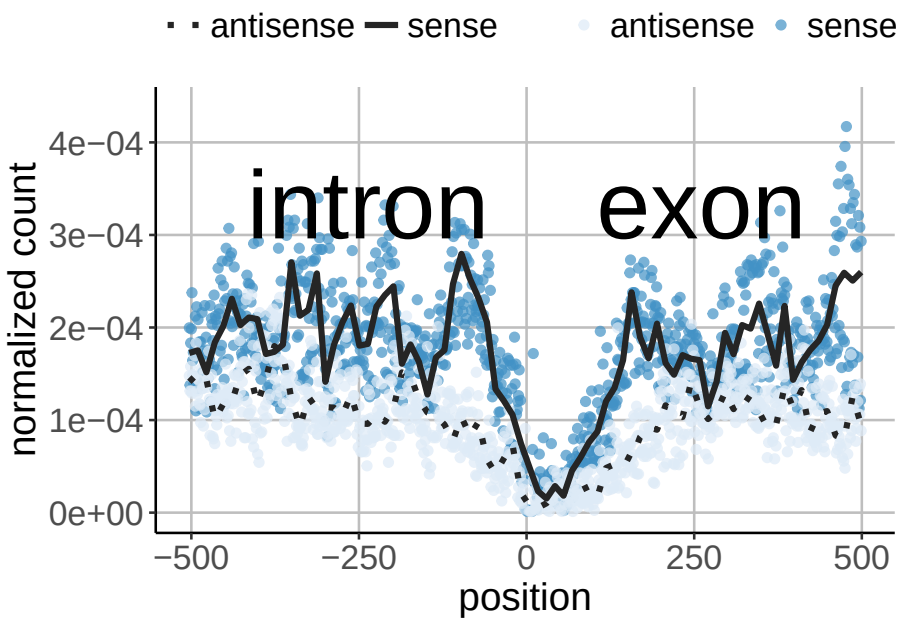

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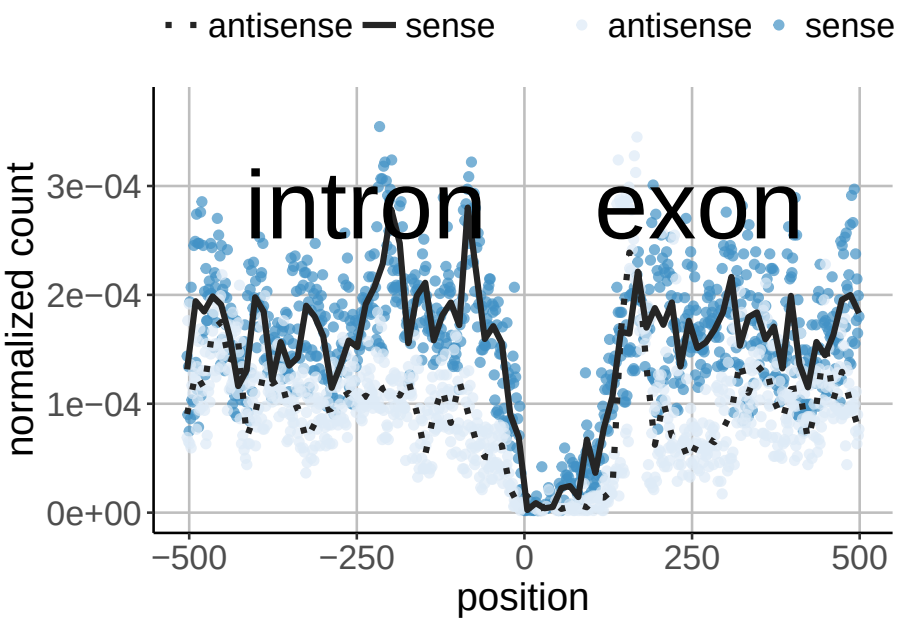

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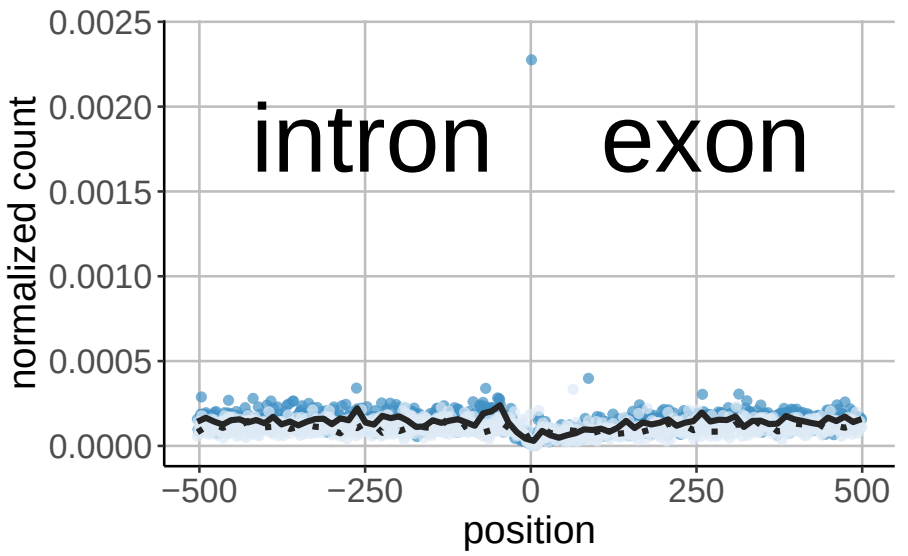

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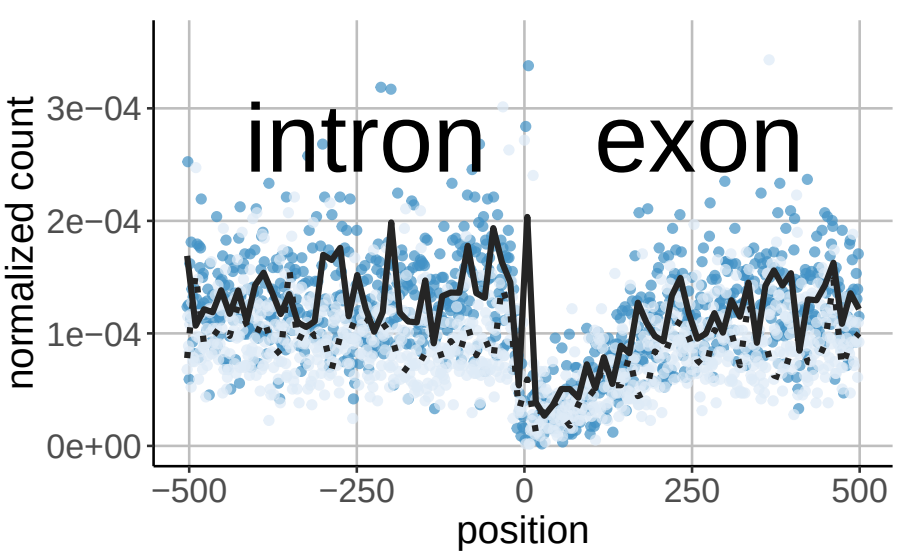

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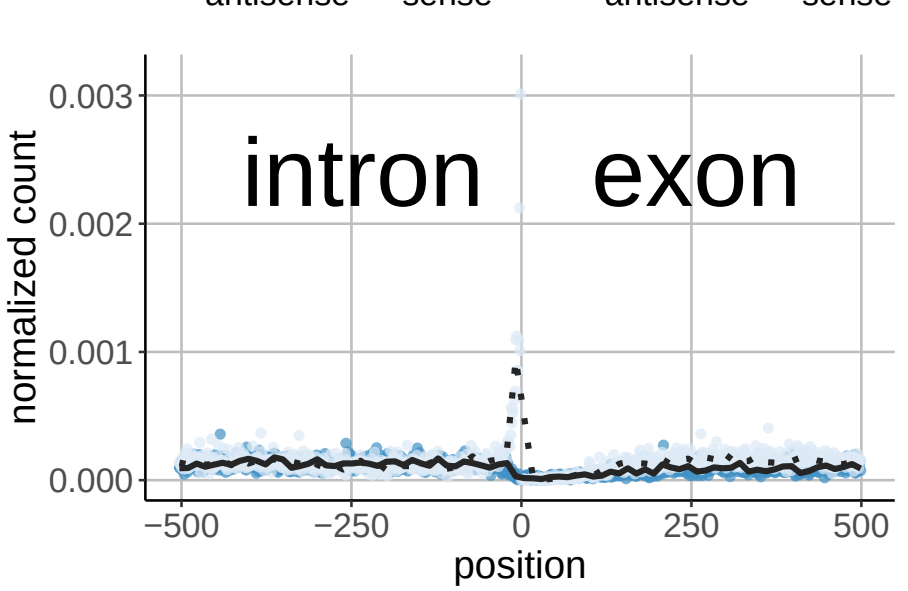

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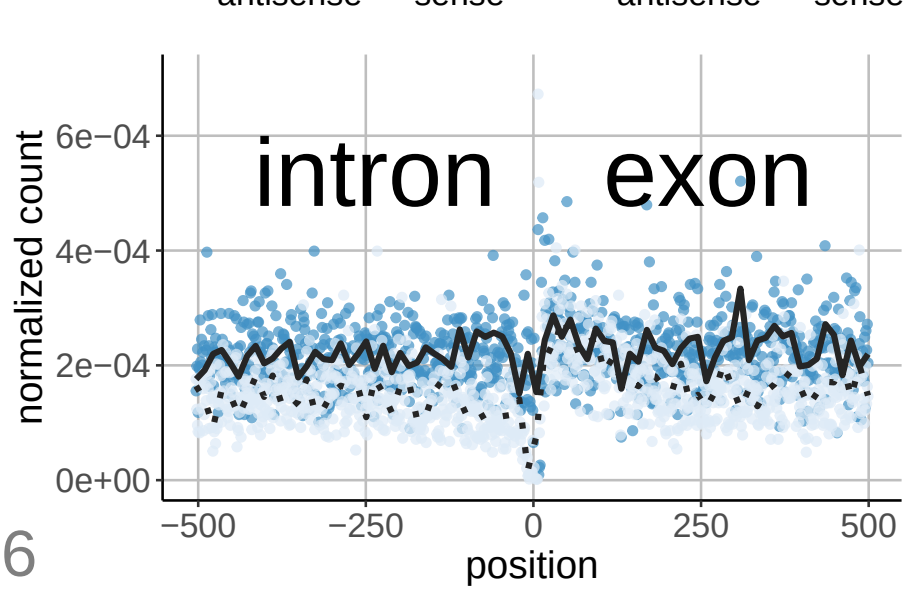

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ACCEPTOR

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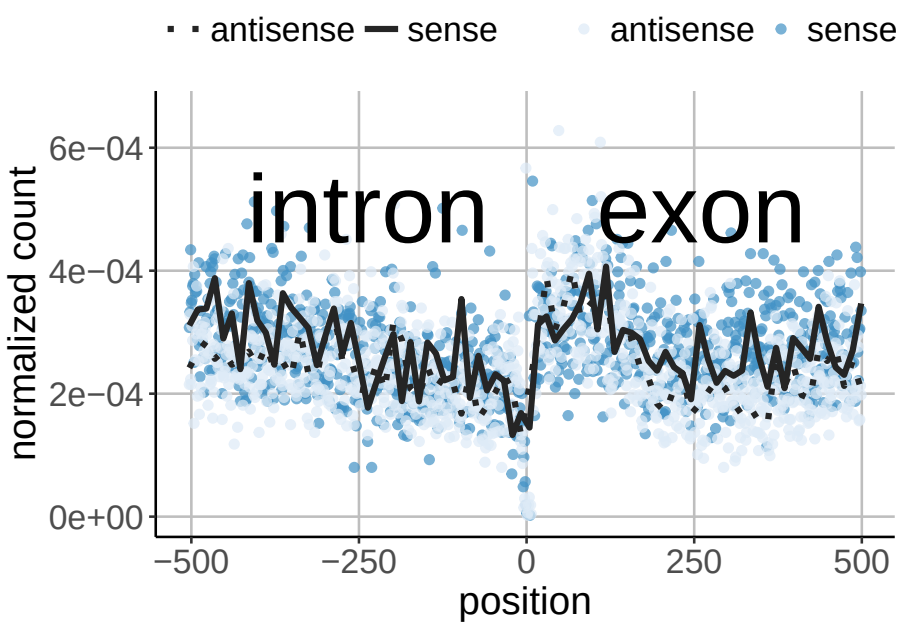

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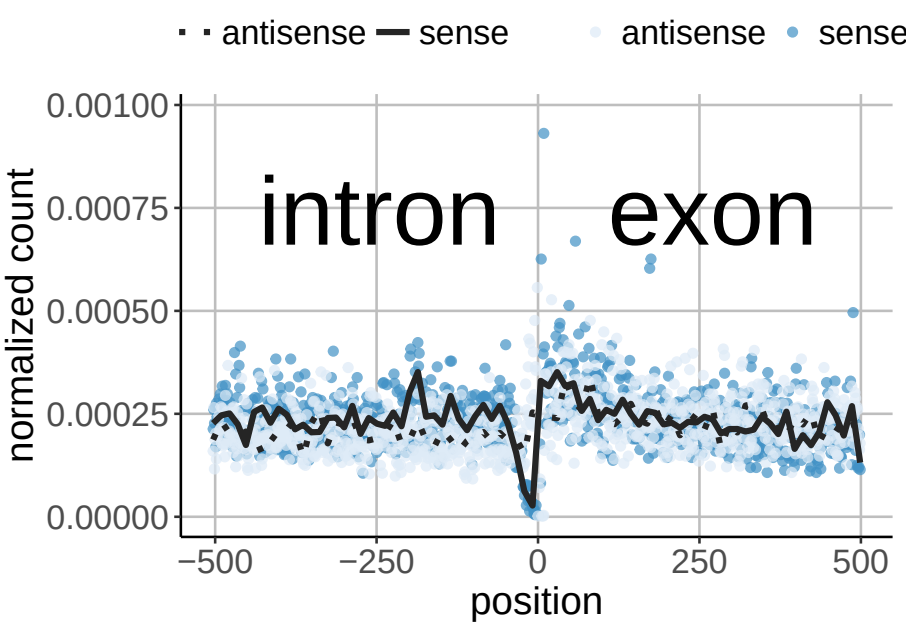

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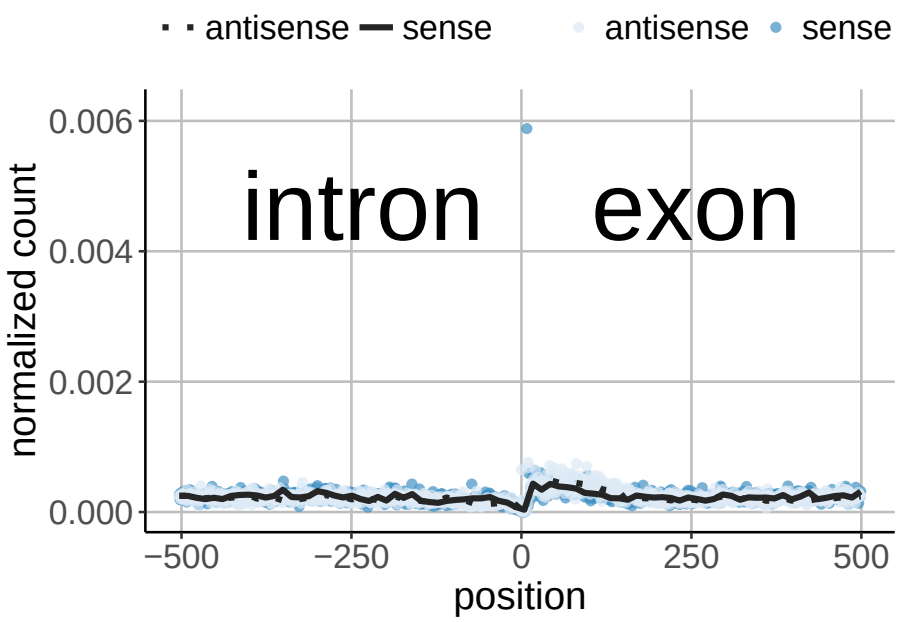

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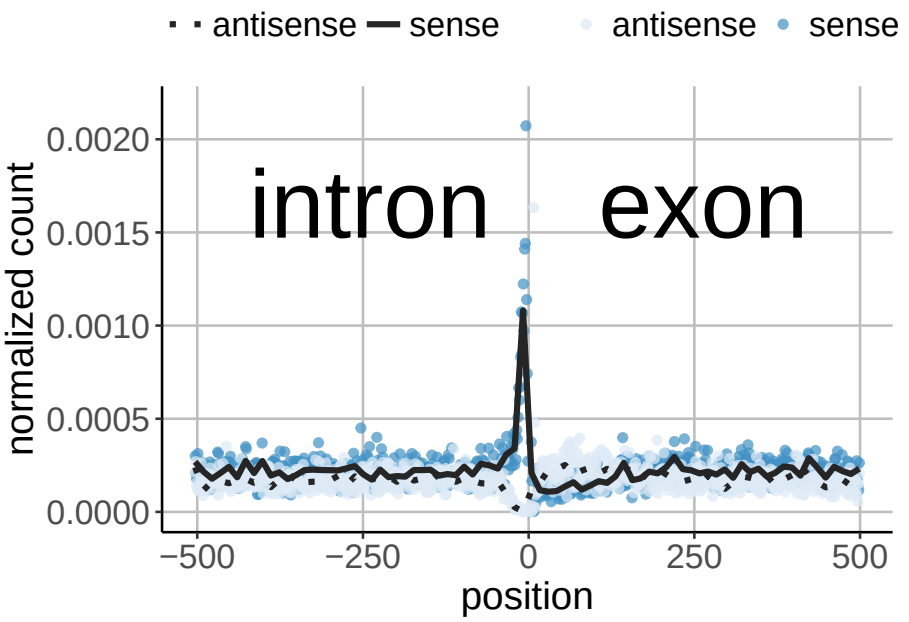

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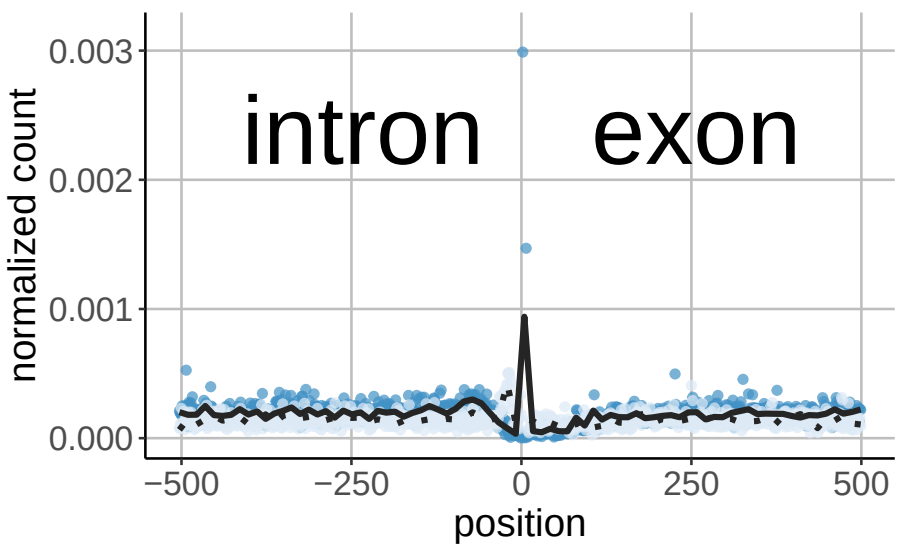

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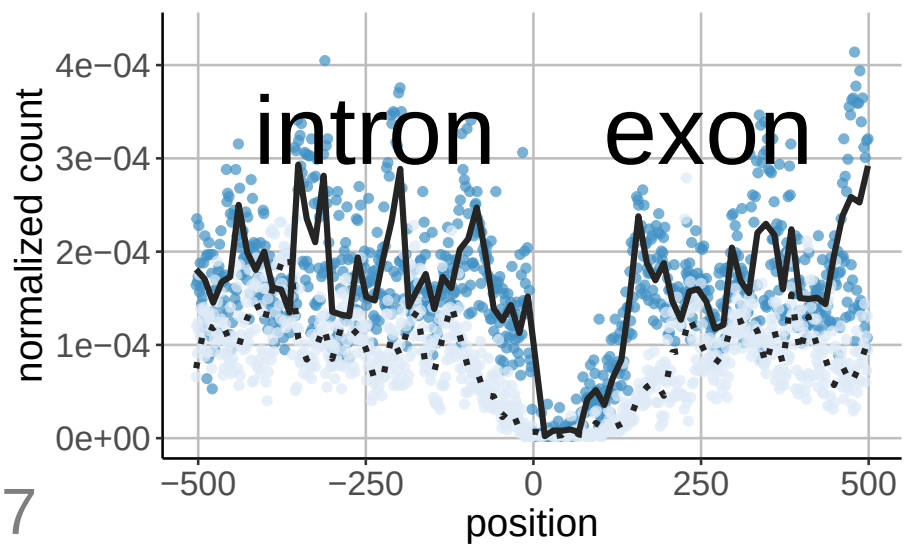
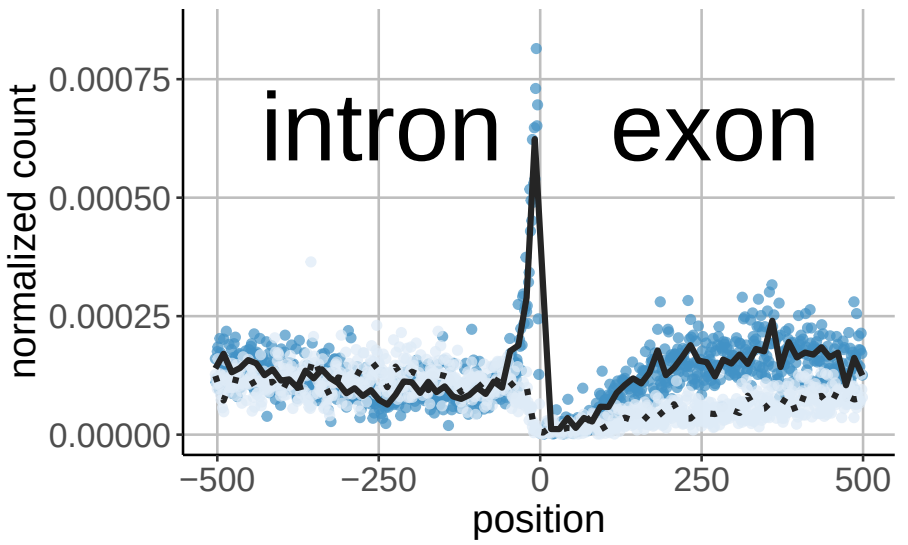


7

ACCEPTOR

MEX3D−UNURUUUAUU



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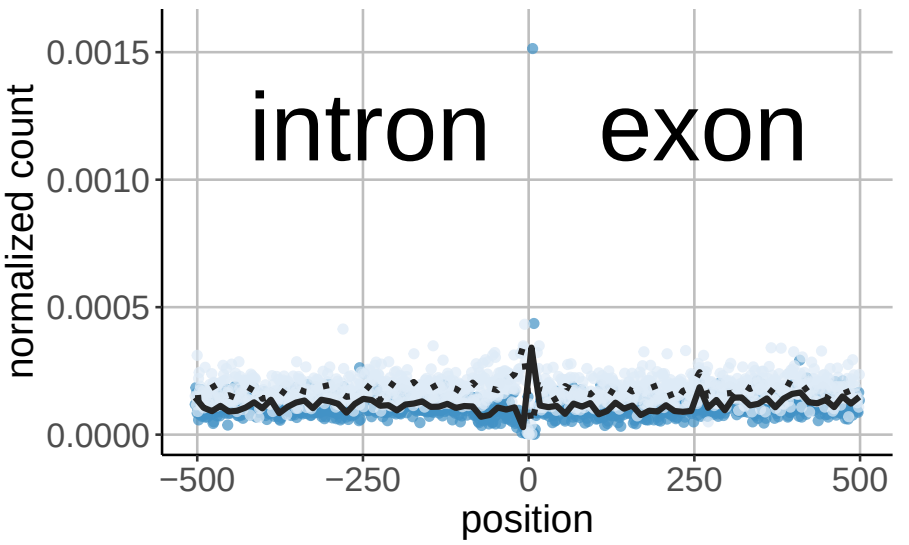

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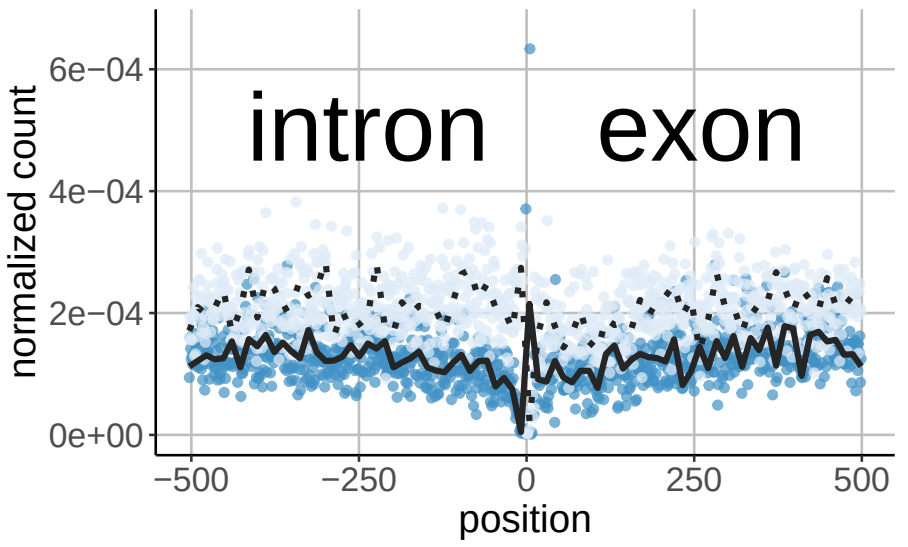
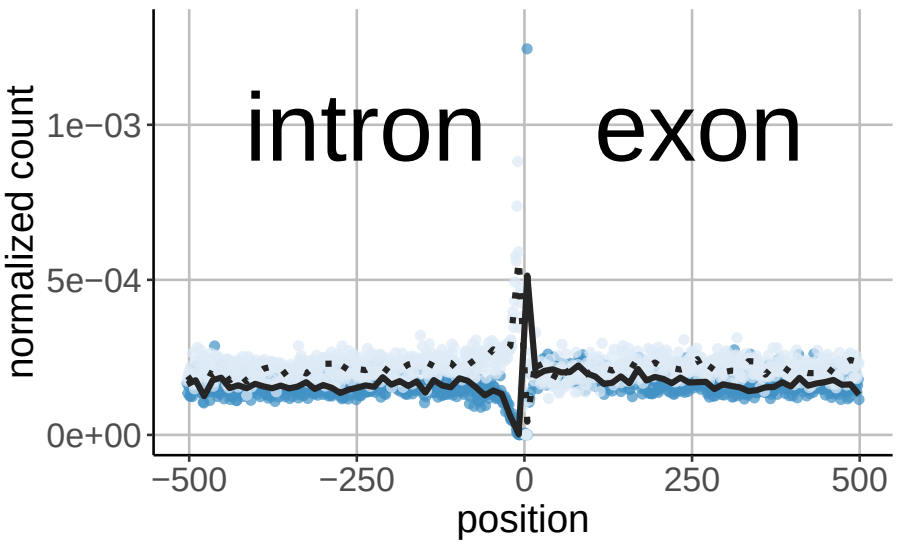
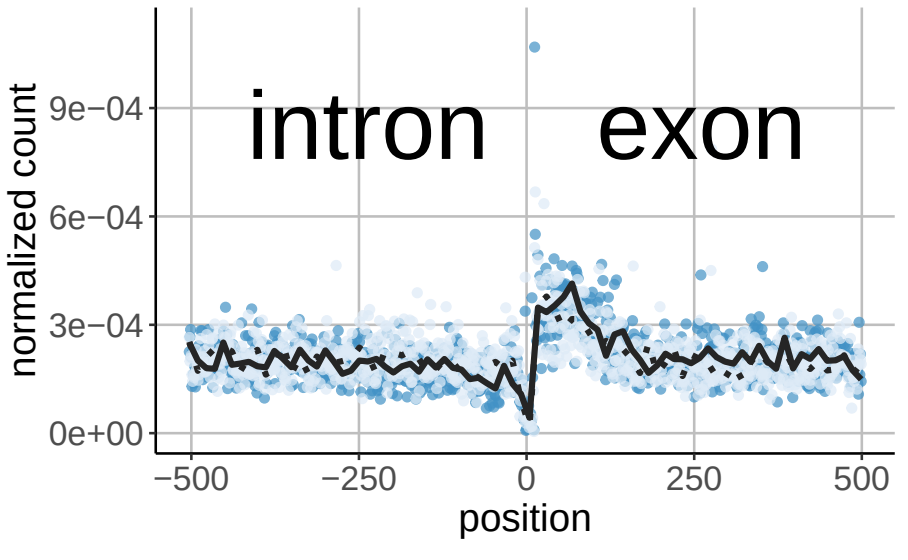


RBPMS2−UGCACA



YBX2−GCCAUNNNAUCGC



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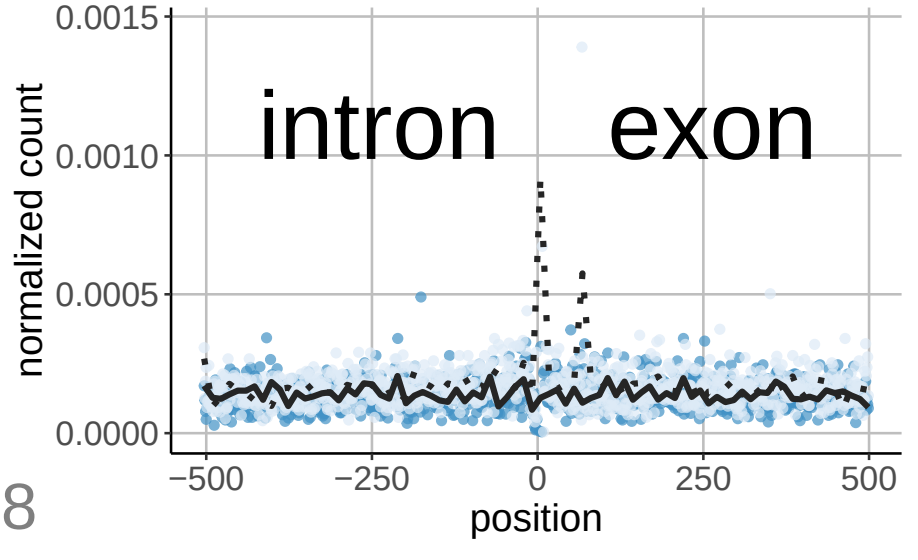

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ACCEPTOR

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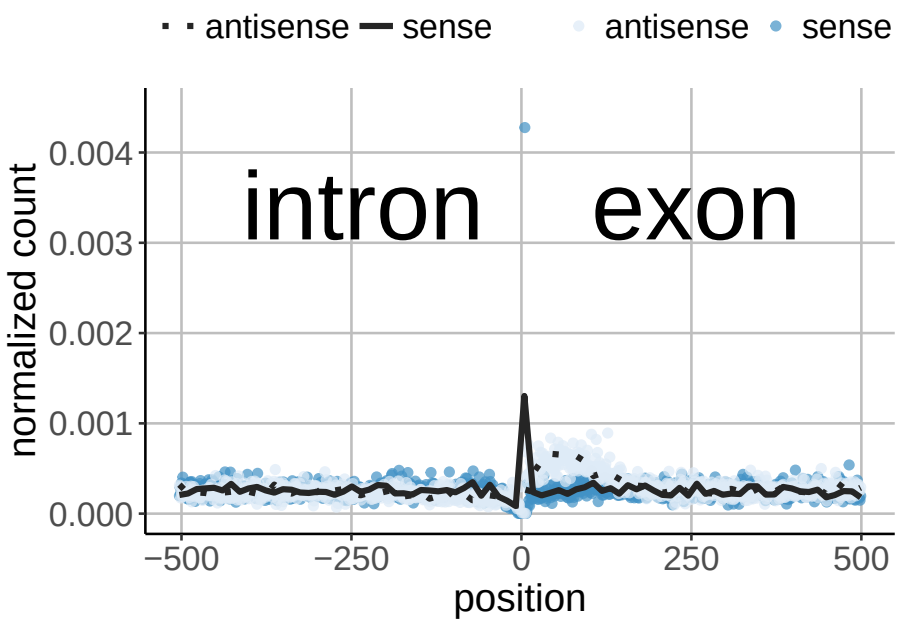
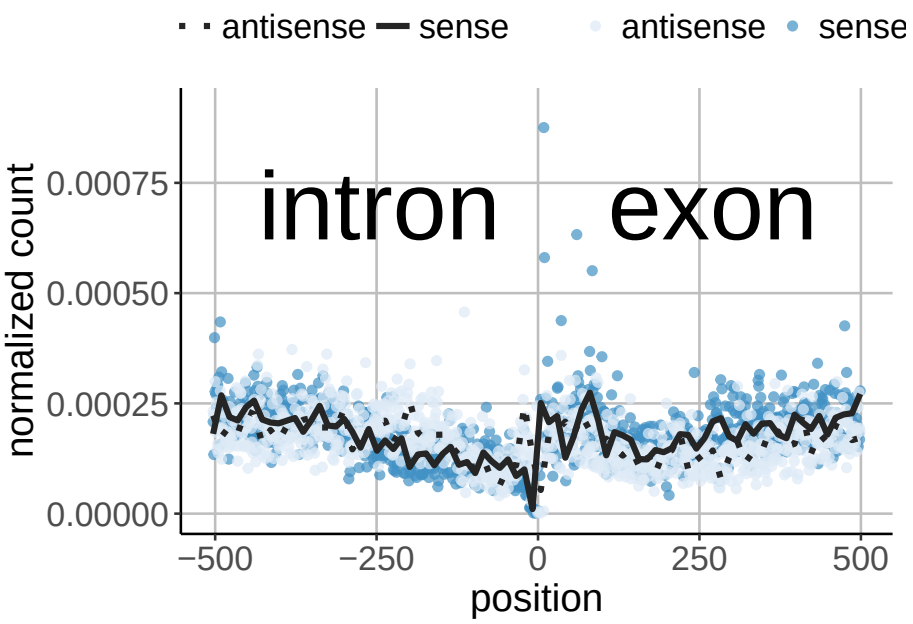


SNRNP70−GNUCANGNNG



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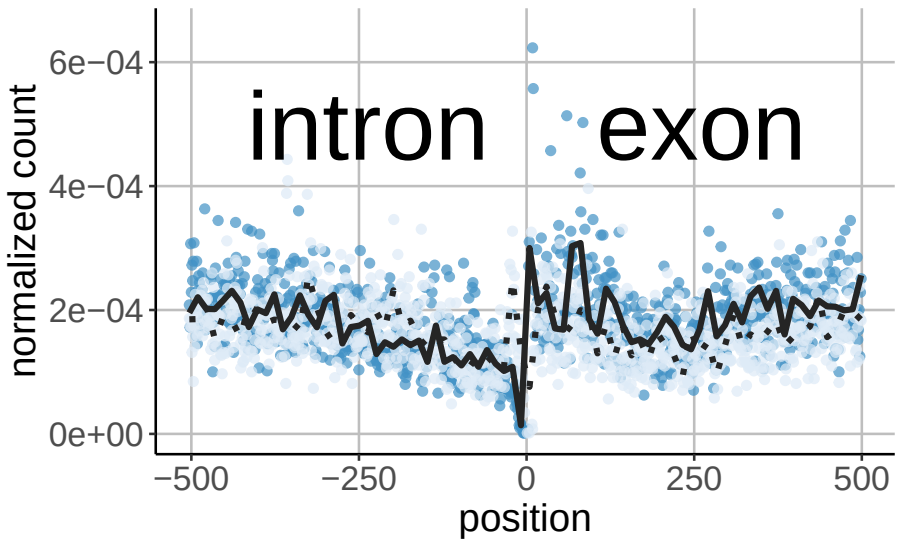

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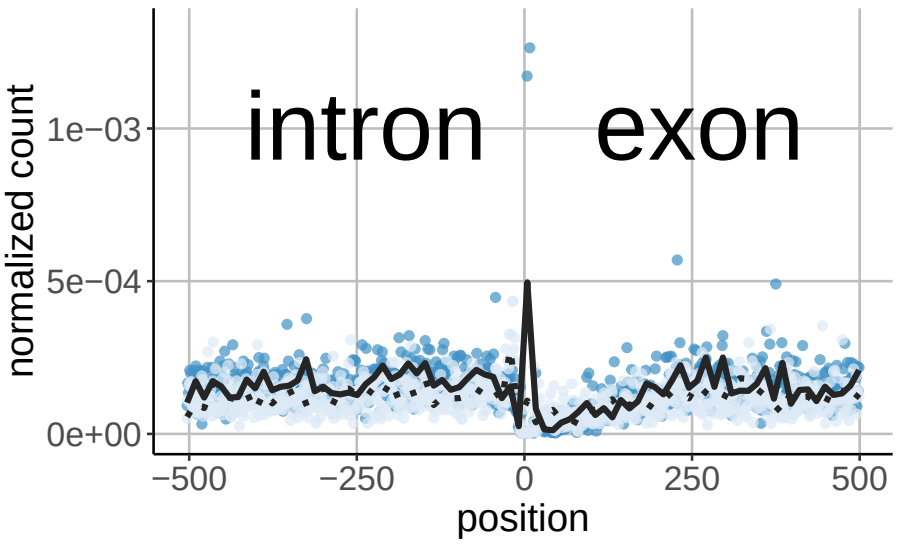
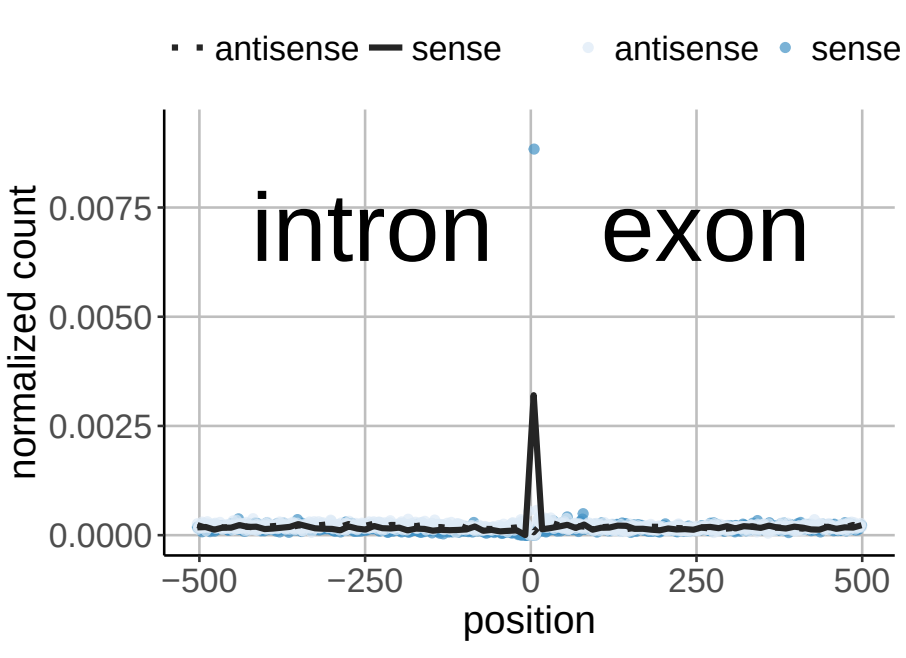
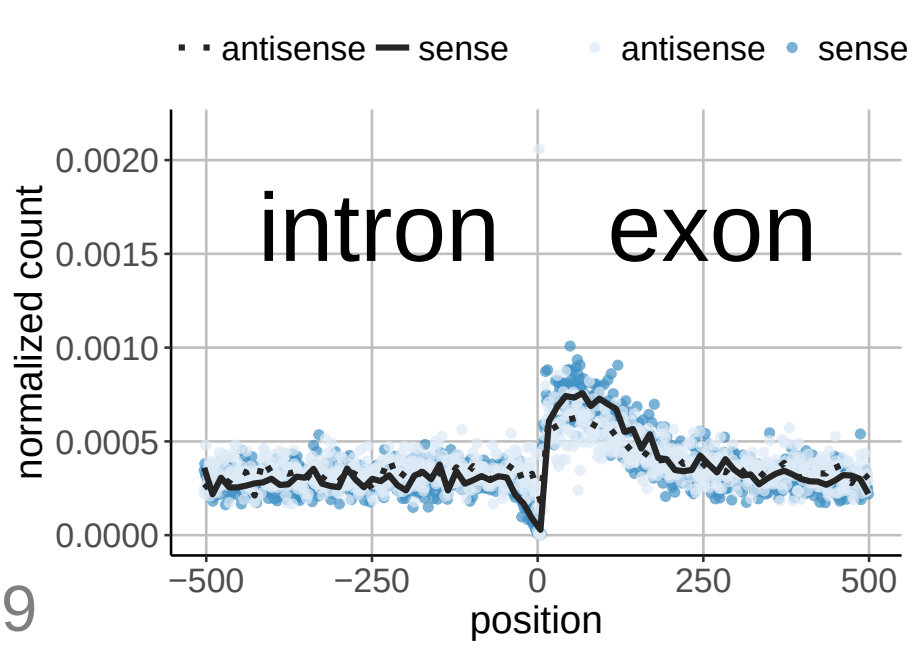


IGF2BP1−CAGNUWCA



HEXIM2−NGCGACGGKN



ACCEPTOR

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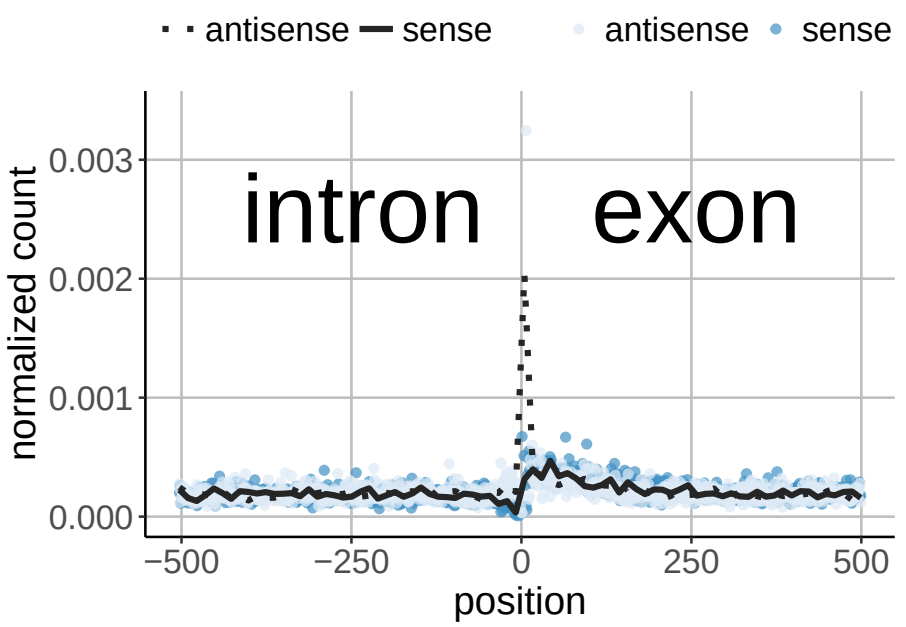

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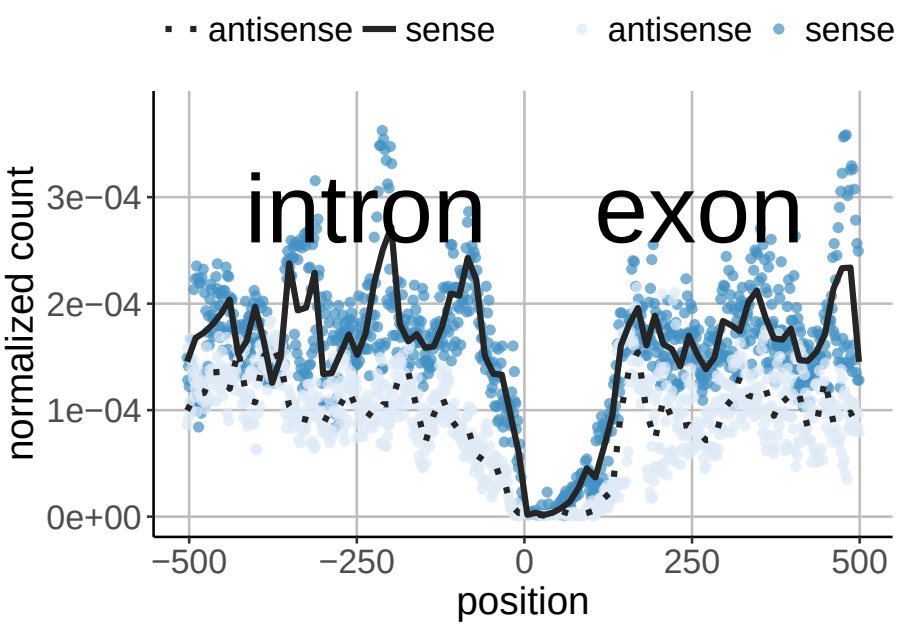
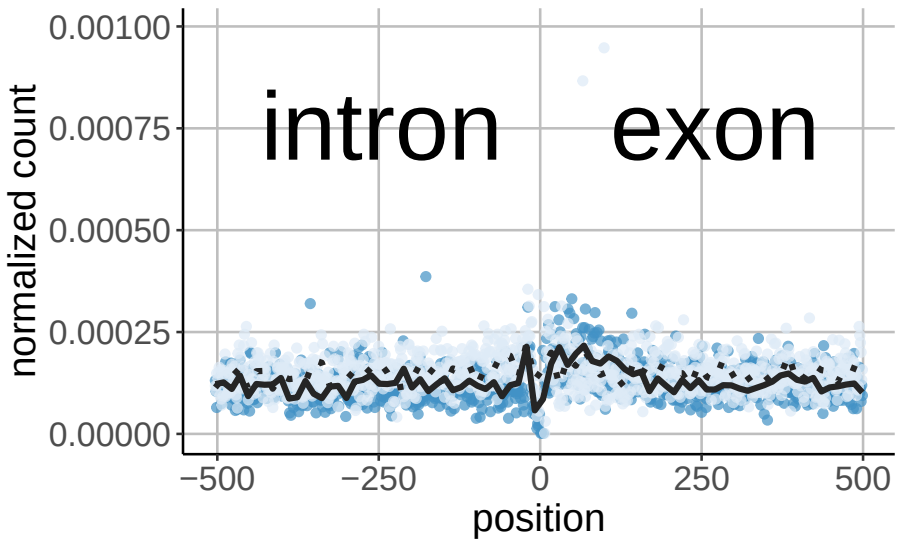


CSDA−UAACAUCA



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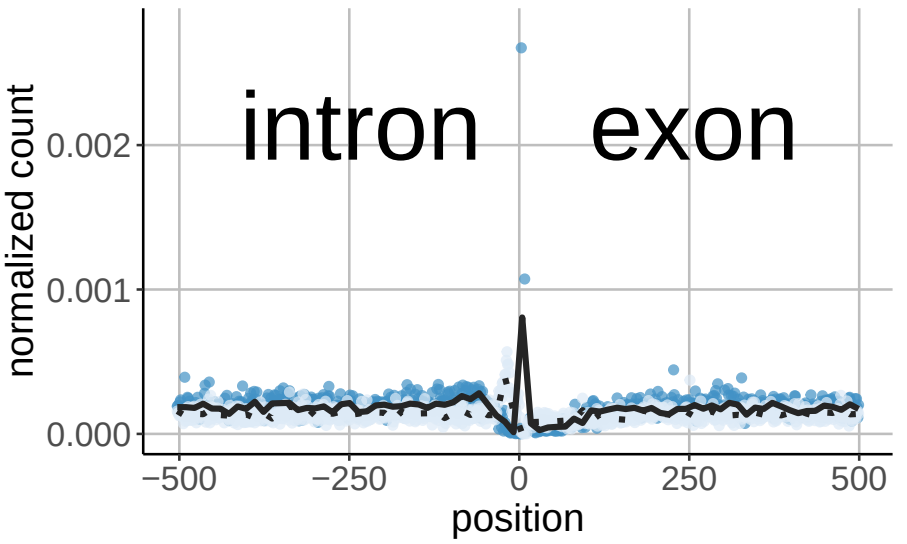

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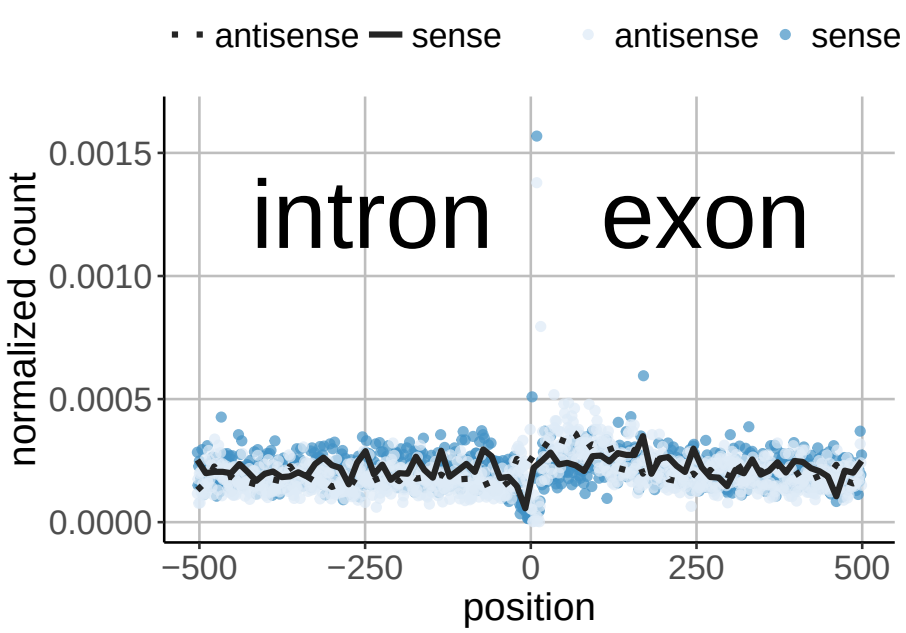

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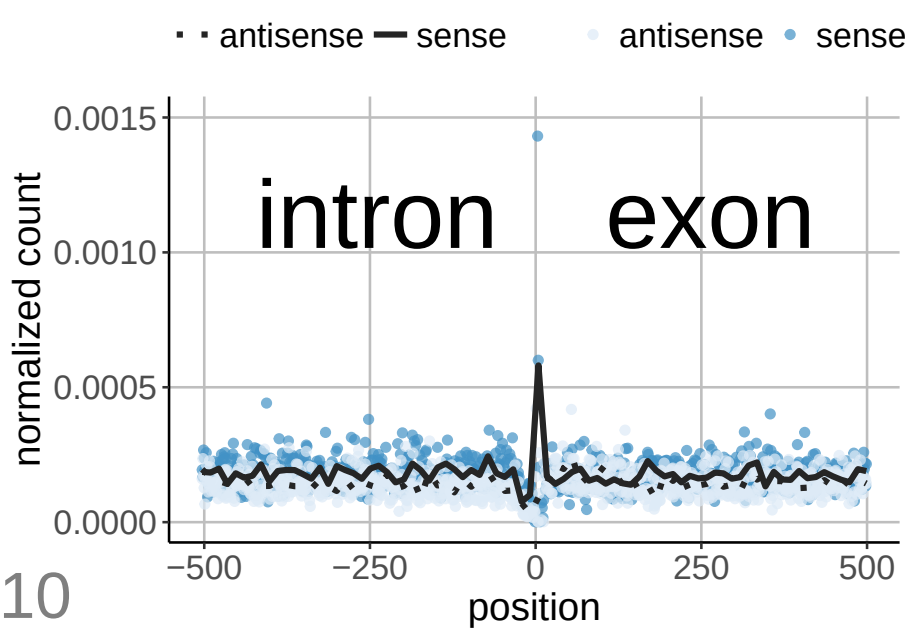

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ACCEPTOR

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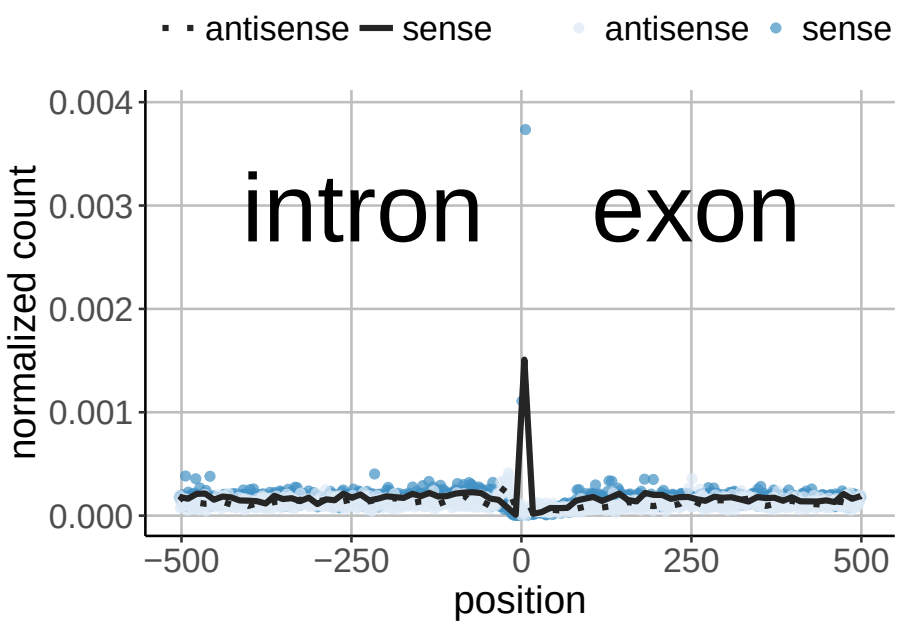

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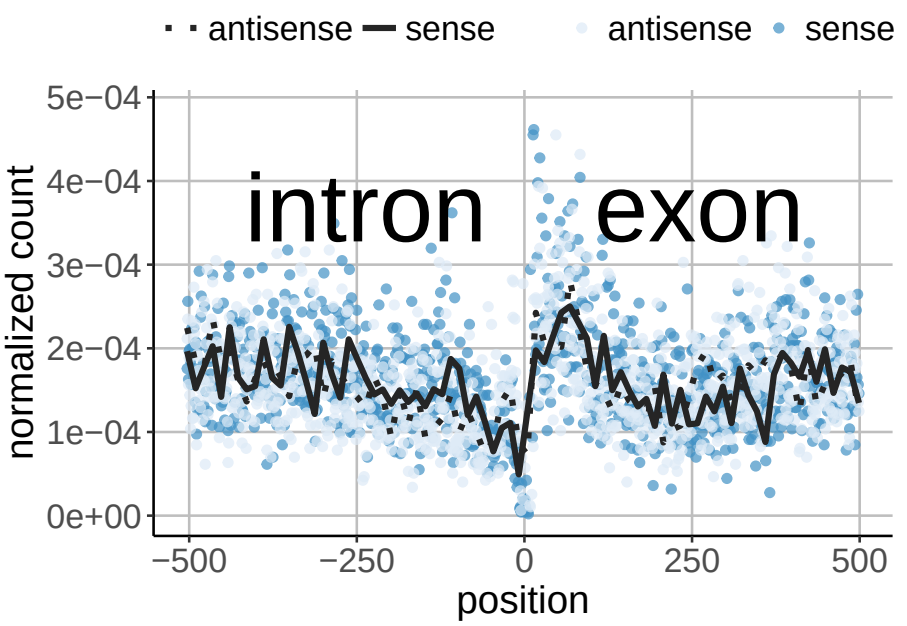

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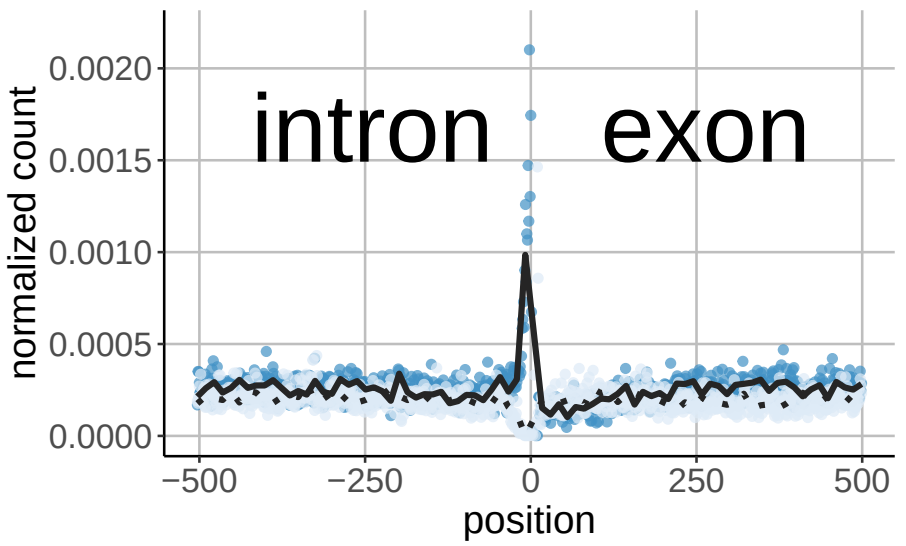

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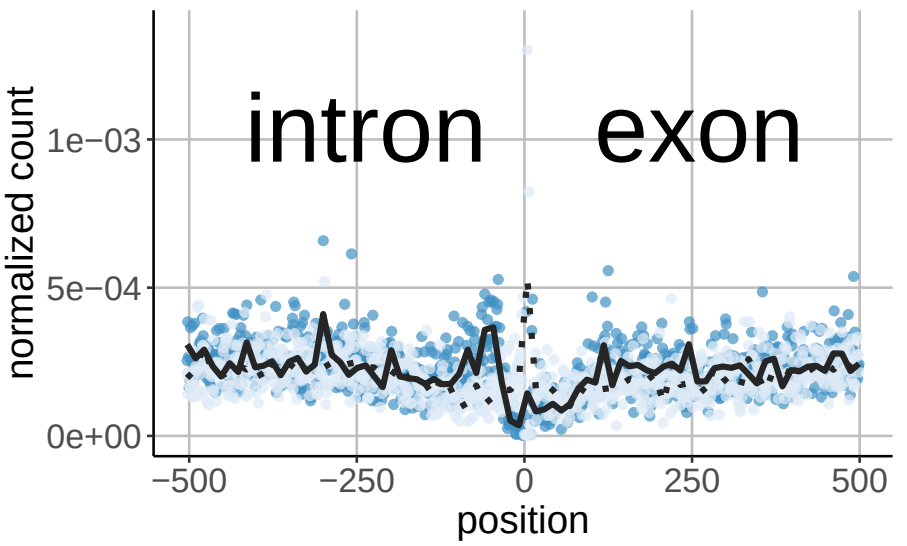

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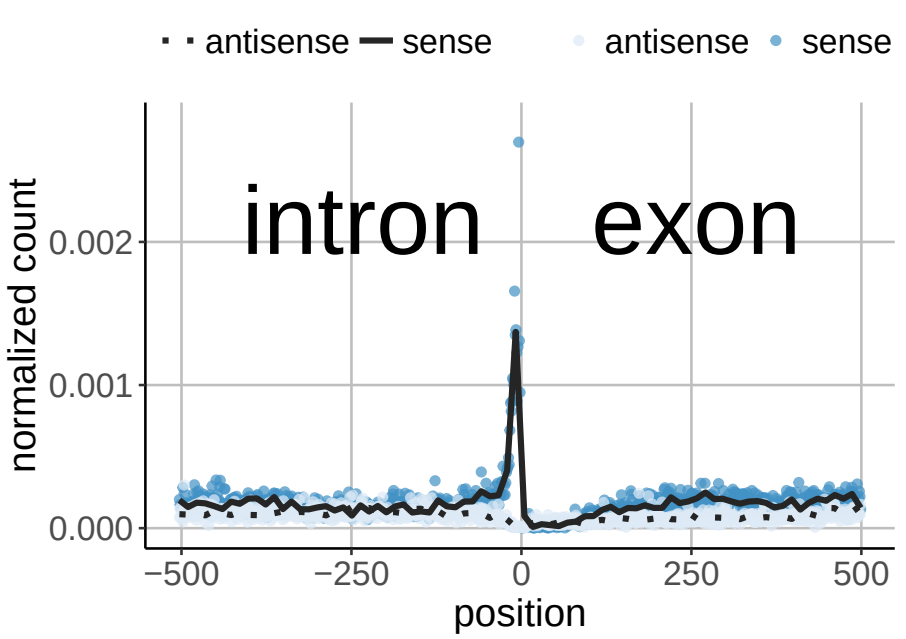

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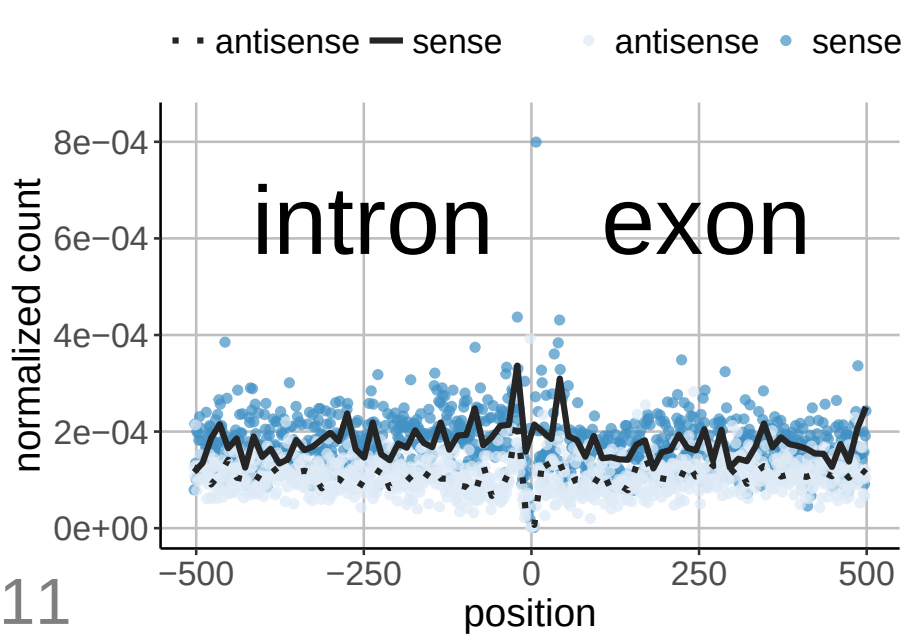

11

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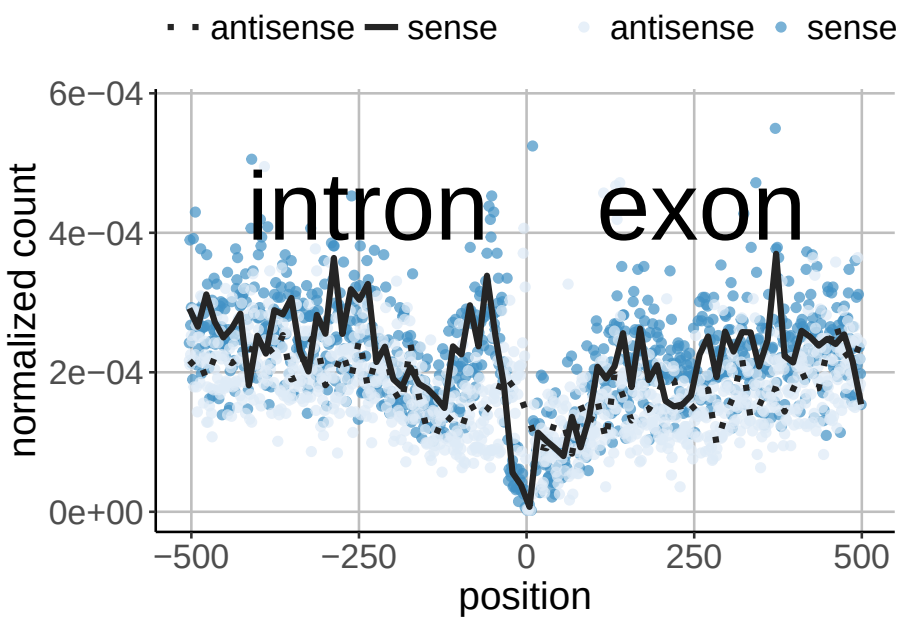

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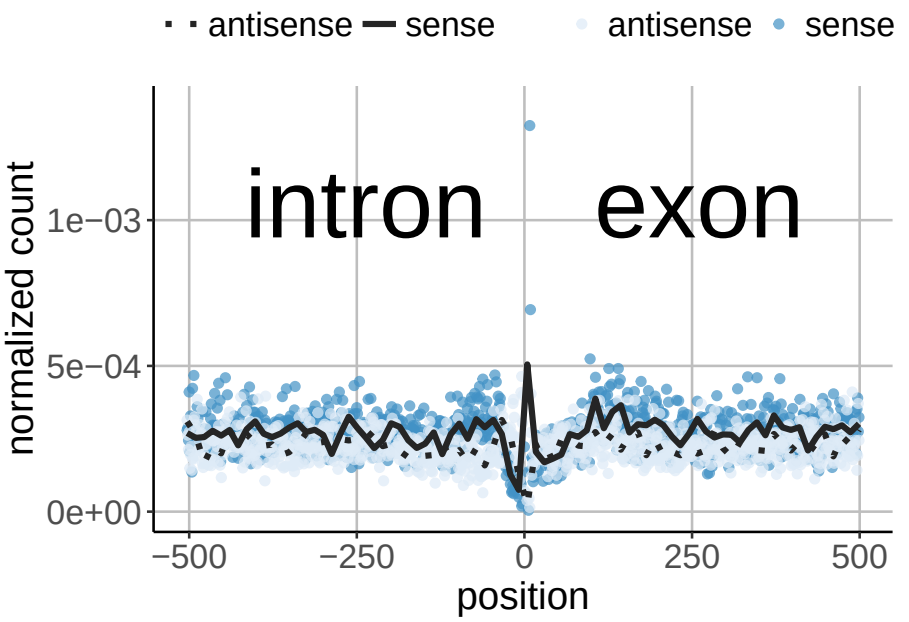

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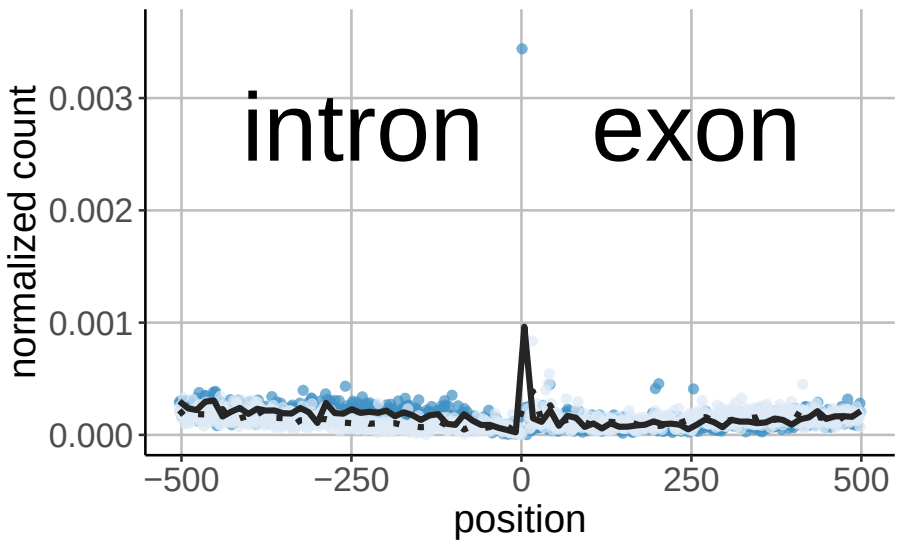
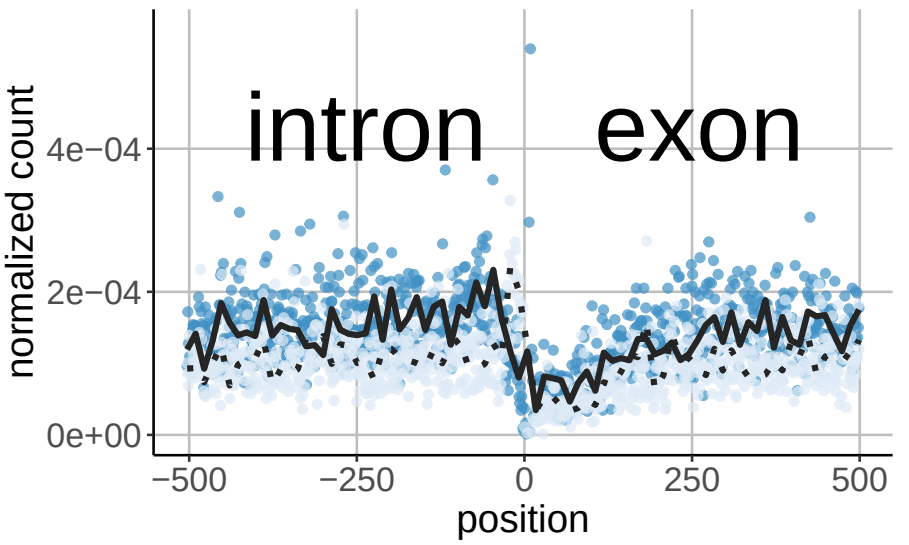


MEX3C−NNAGAGUUUAUNN



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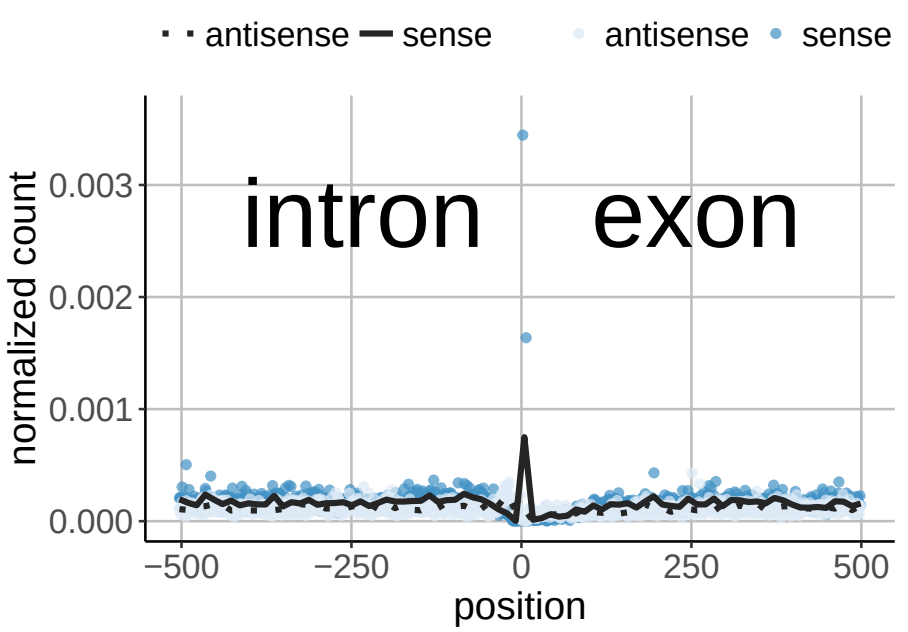

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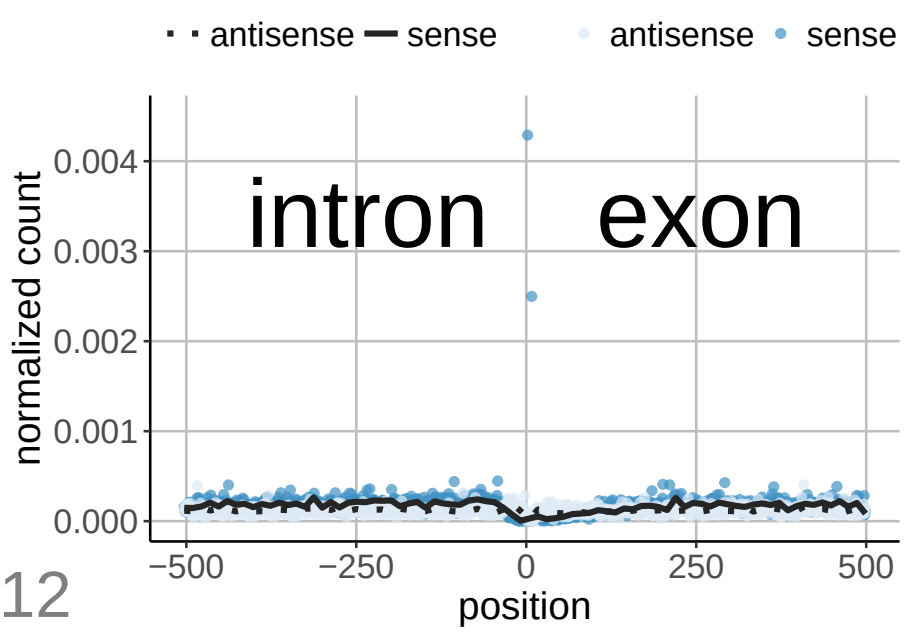

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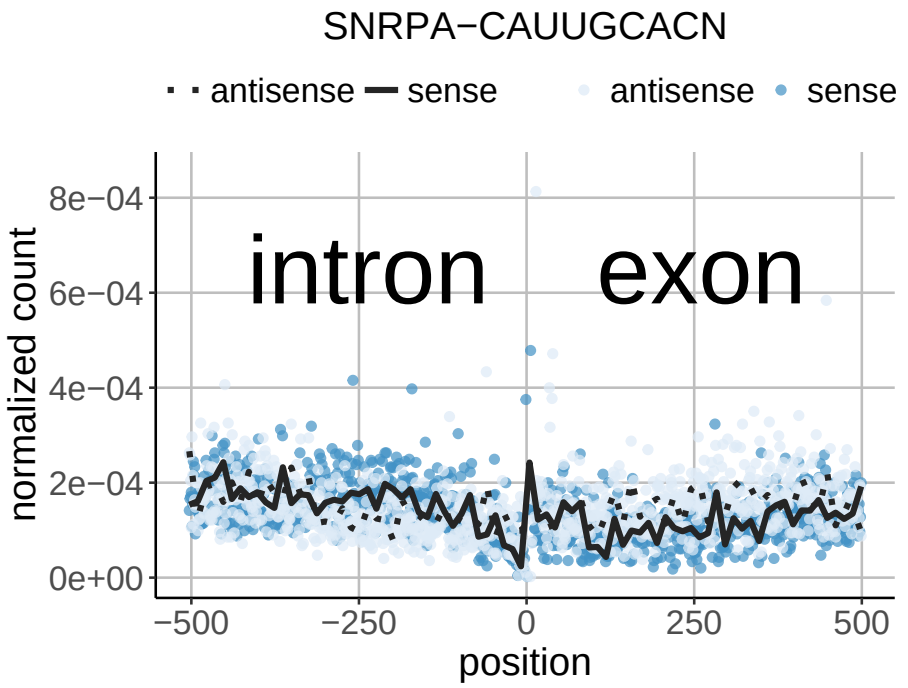
ACCEPTOR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0
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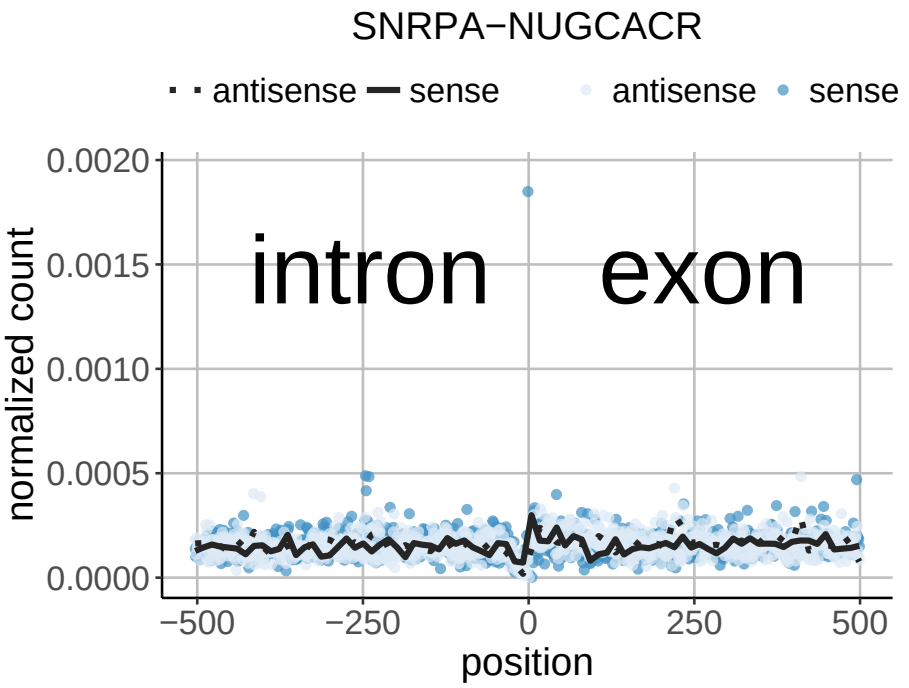
500
position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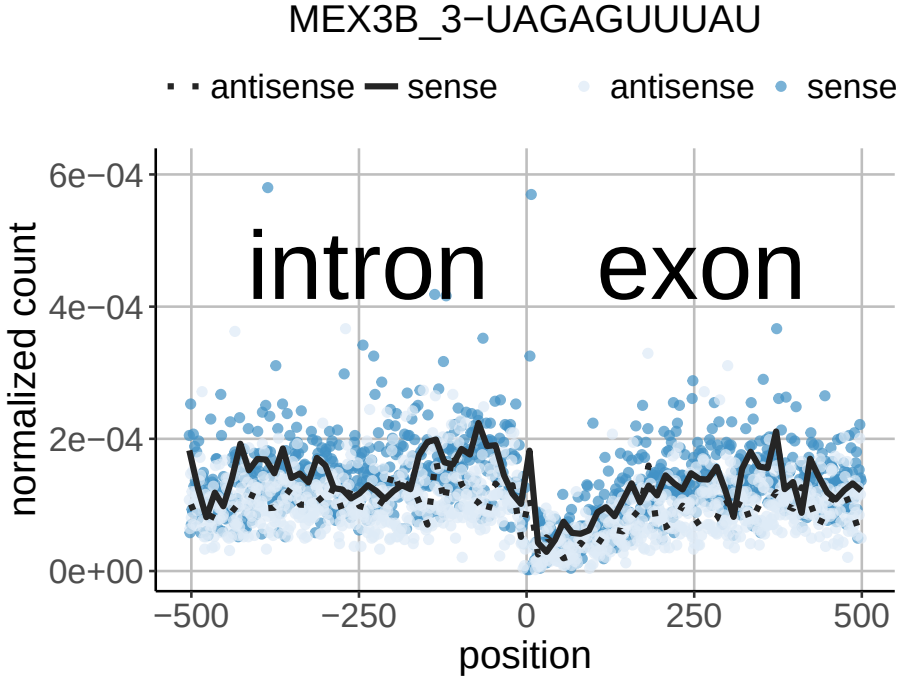
position


MEX3B_3−UAGAGUUUAU
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intron
exon
normalized count
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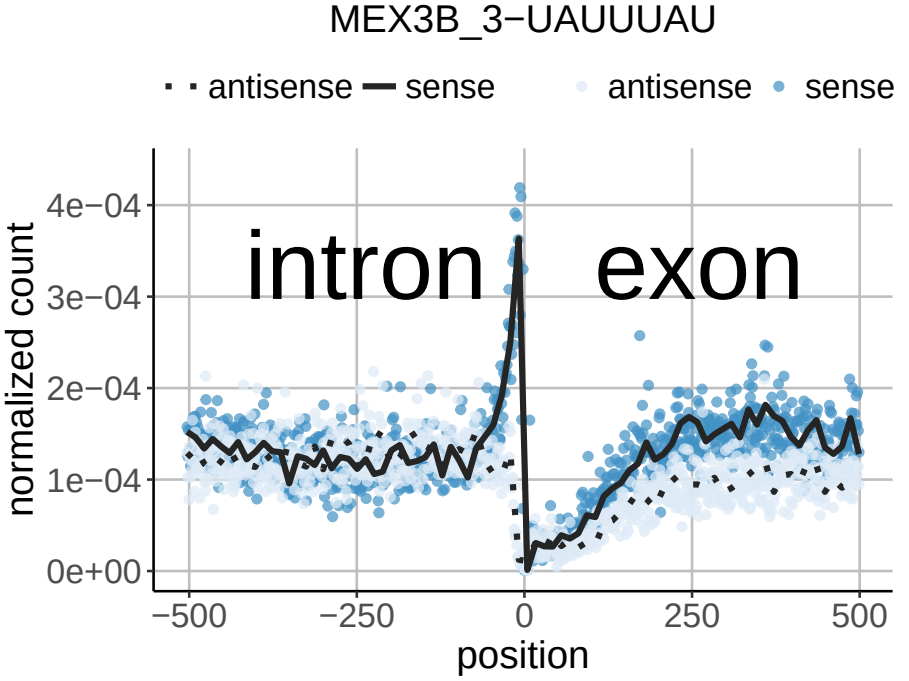
position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antisense sense
intron
exon
normalized count
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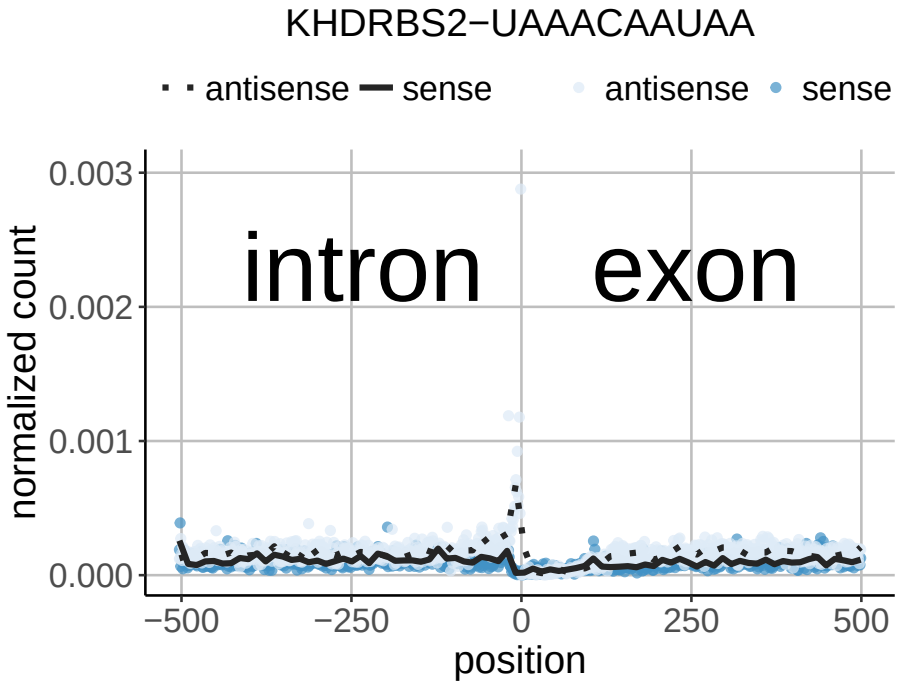
position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exon
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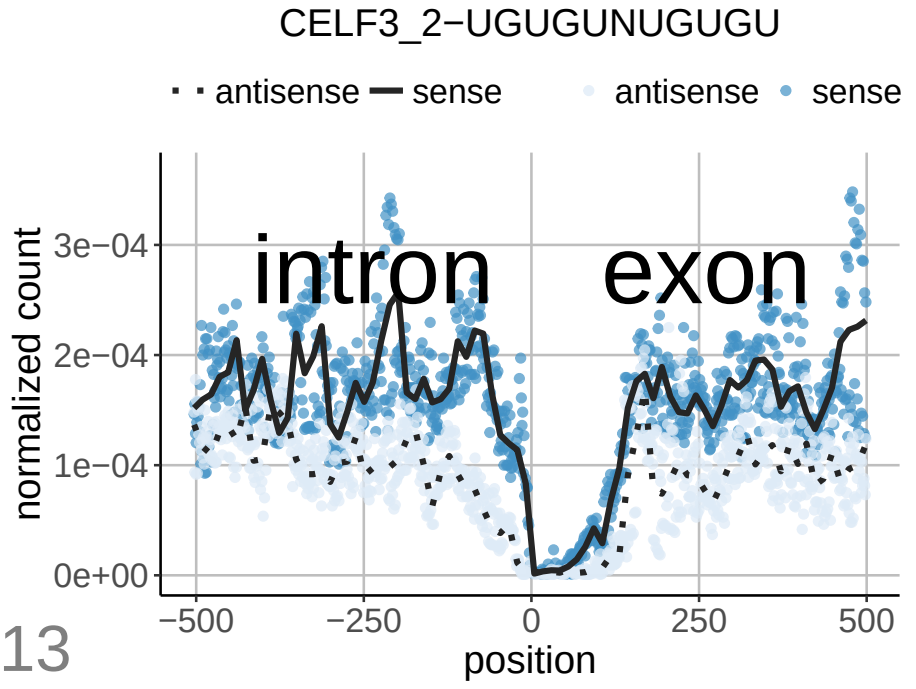
500
position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exon
normalized count
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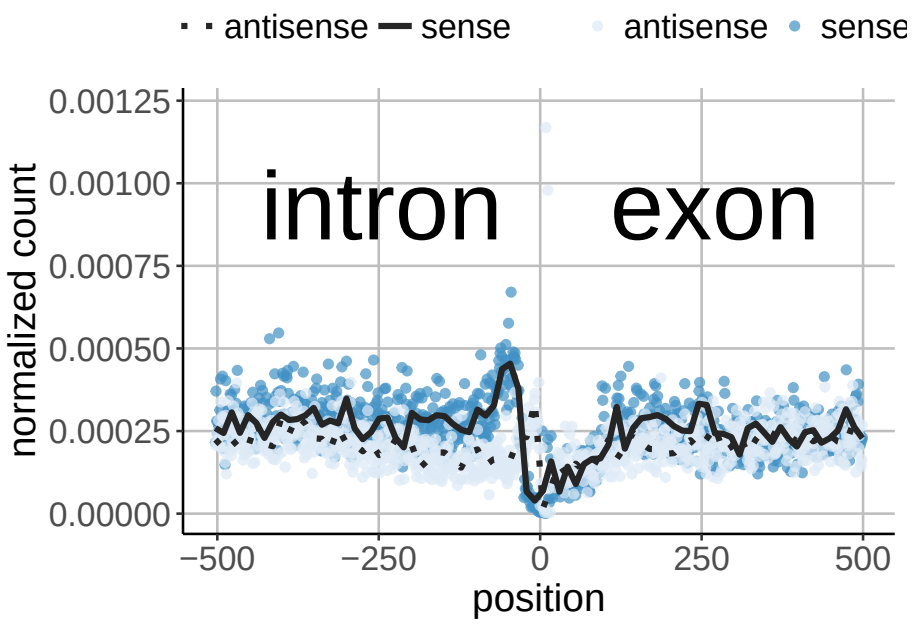
0
250
500
position

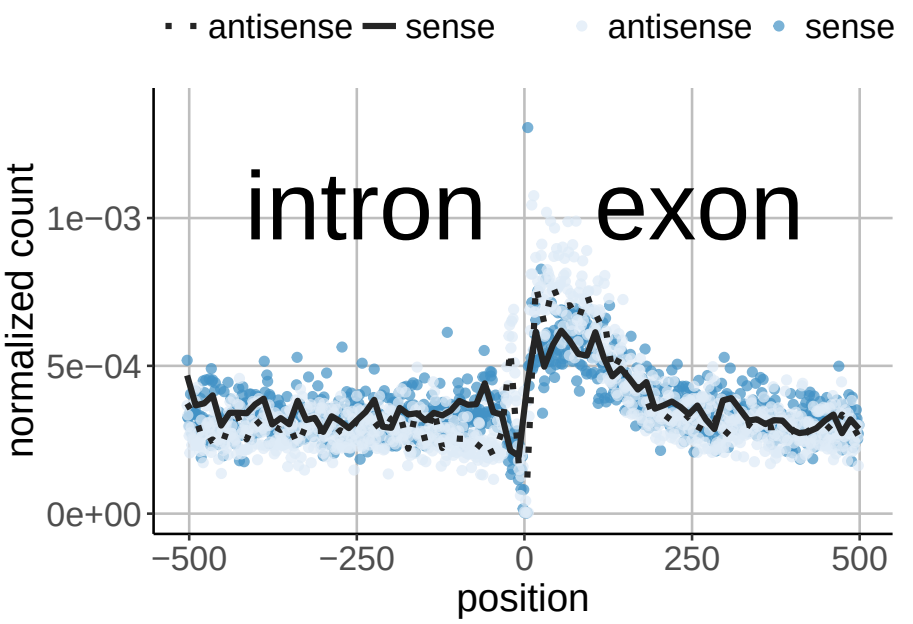
13

ACCEPTOR

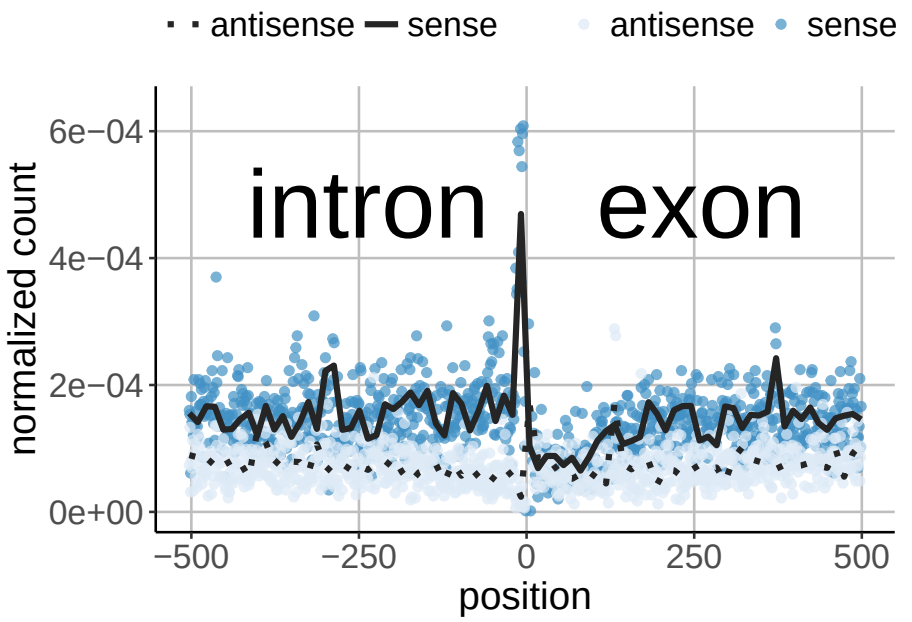
RNPC3−GGGDDGGGDKUACKKGGK



RBM14−UGCGUCG



CELF4−UGUGUUGUGU



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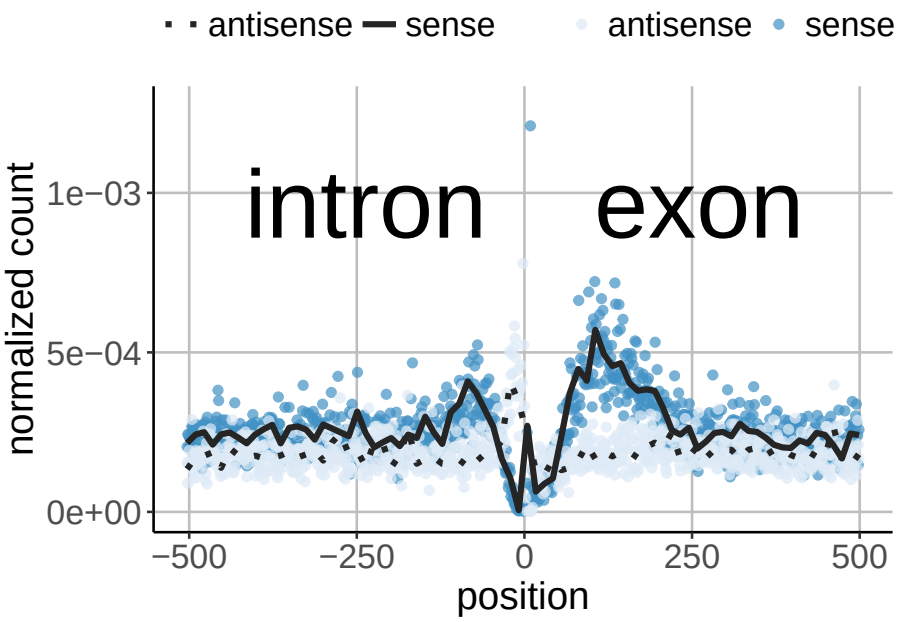

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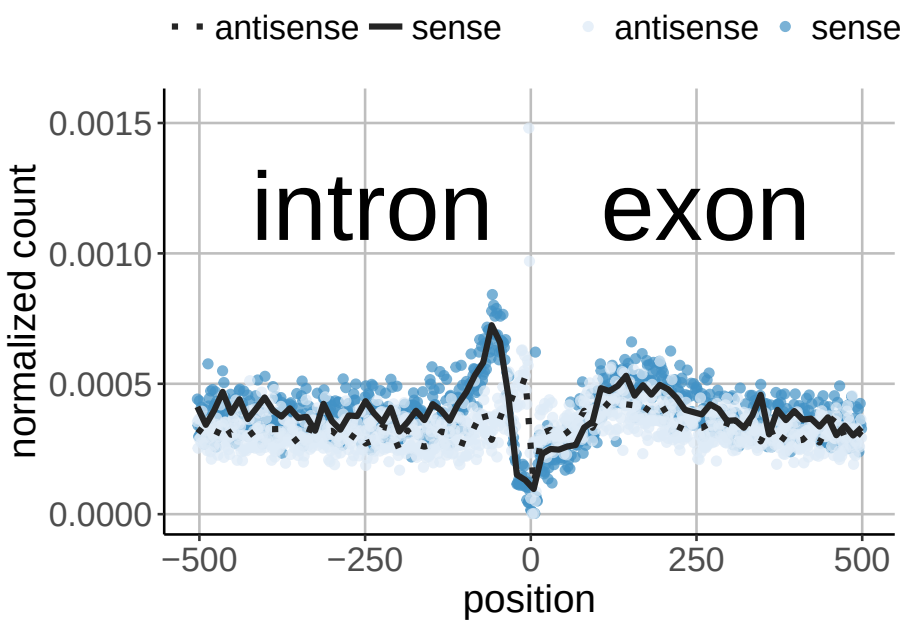
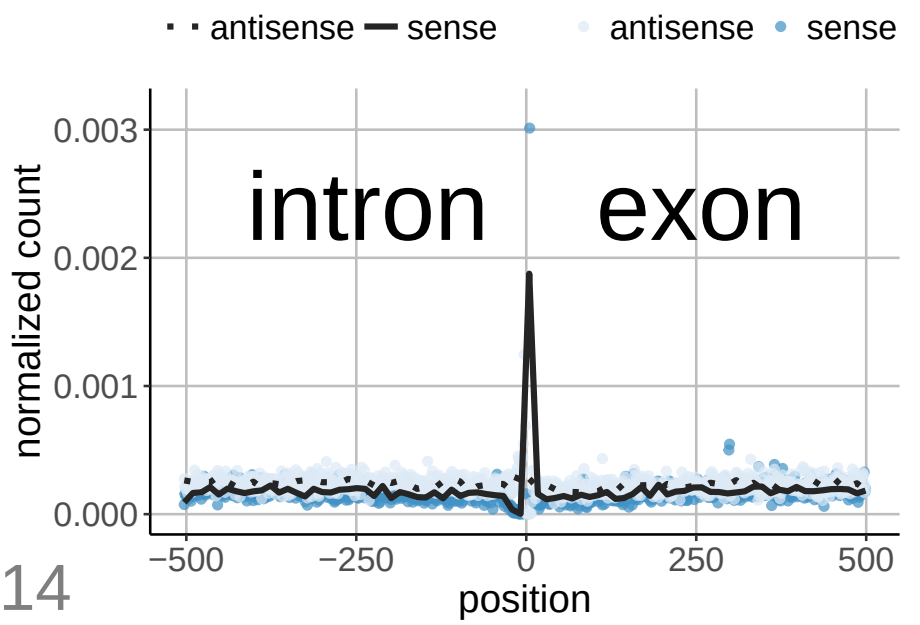


RBPMS−NAGGCACR



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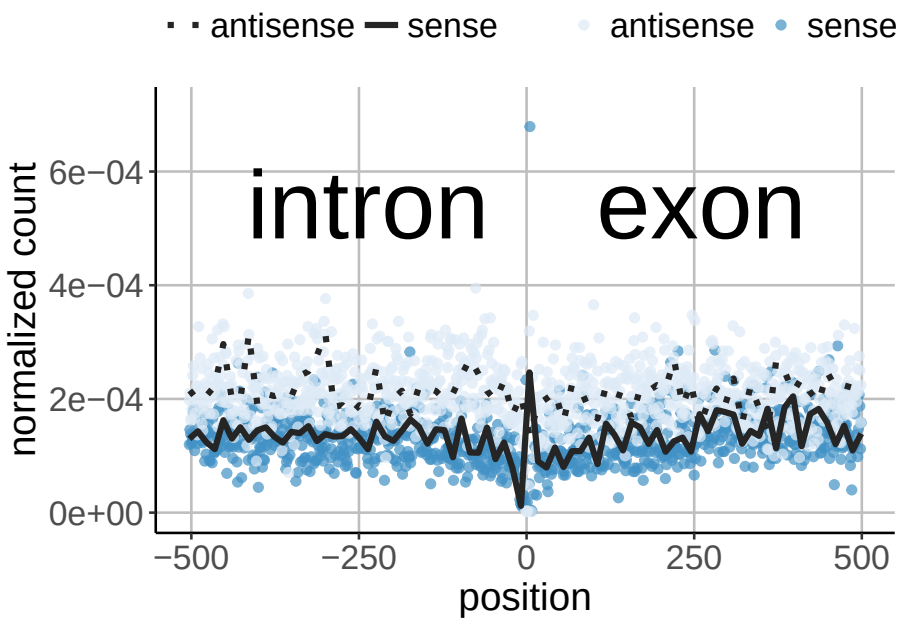
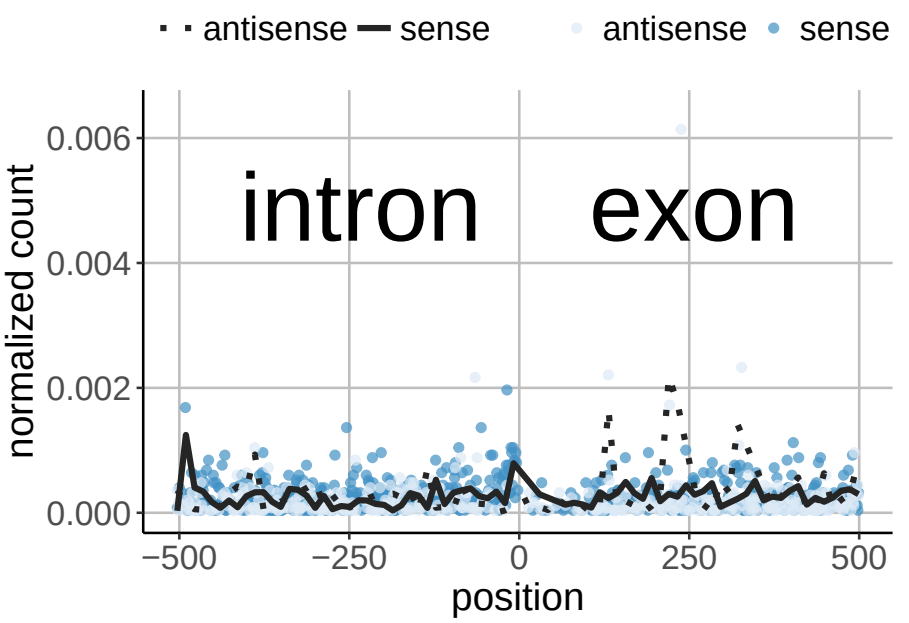
ACCEPTOR

RBPMS−UCACGNGCACN



CELF1_2−UGUGUNUGUGU



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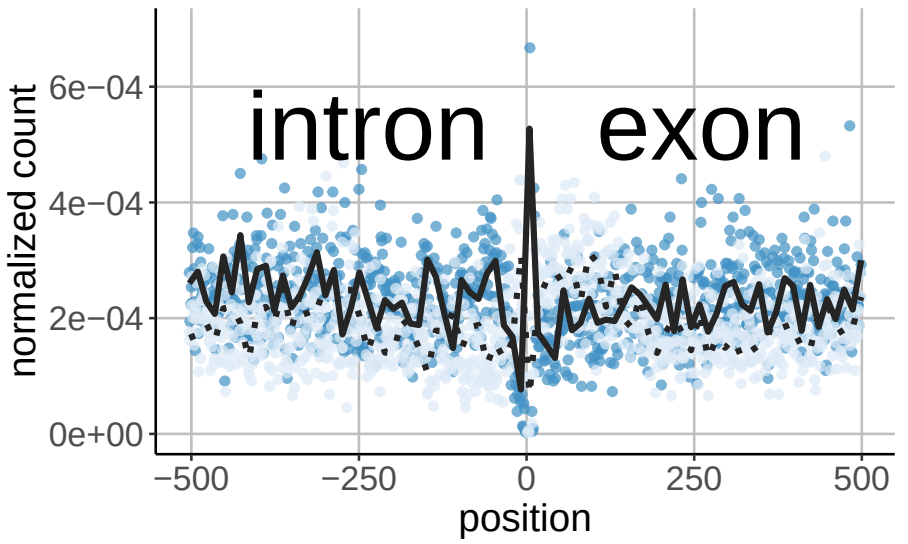

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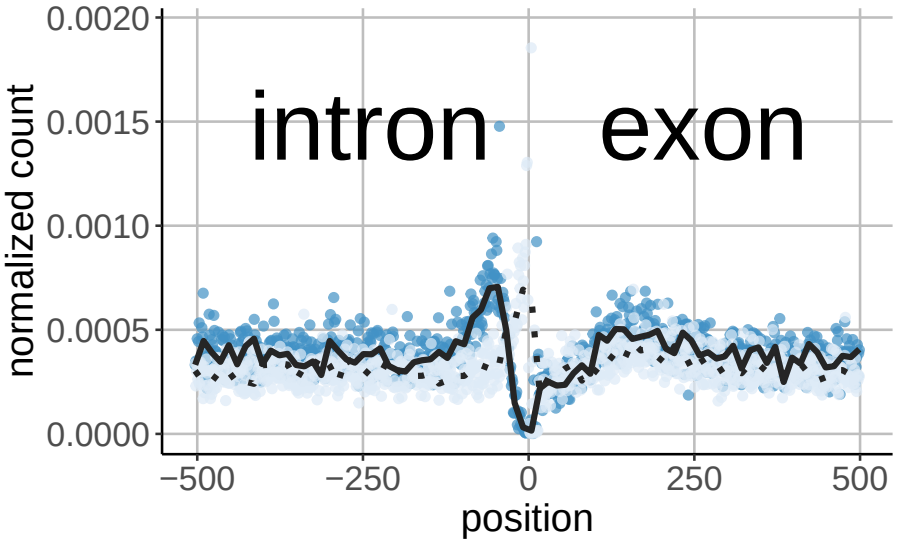

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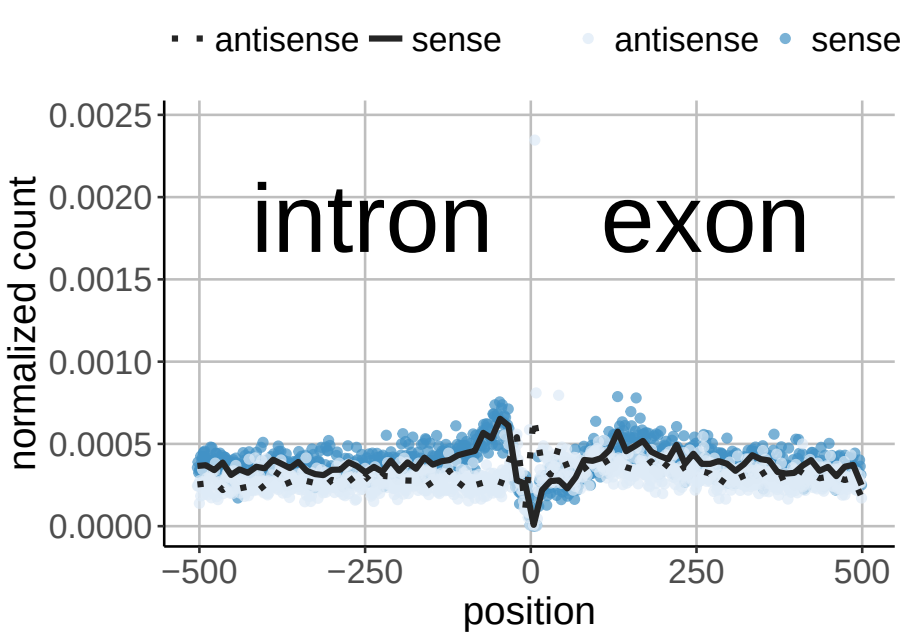

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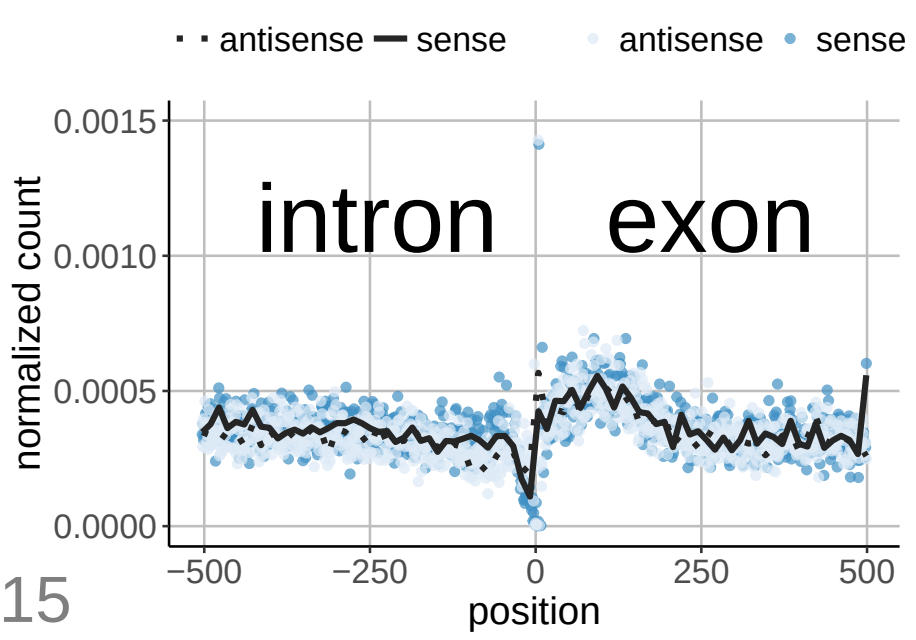

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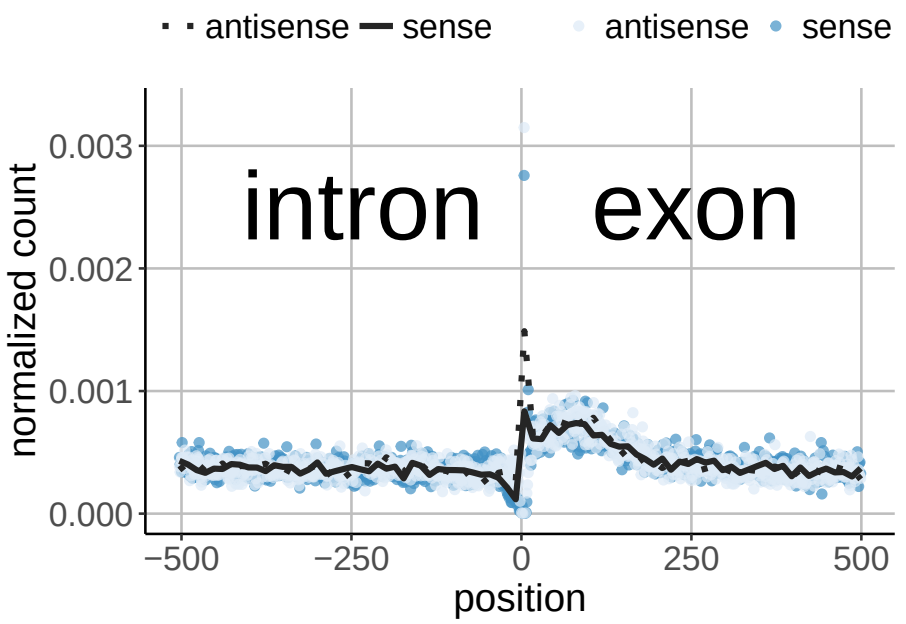
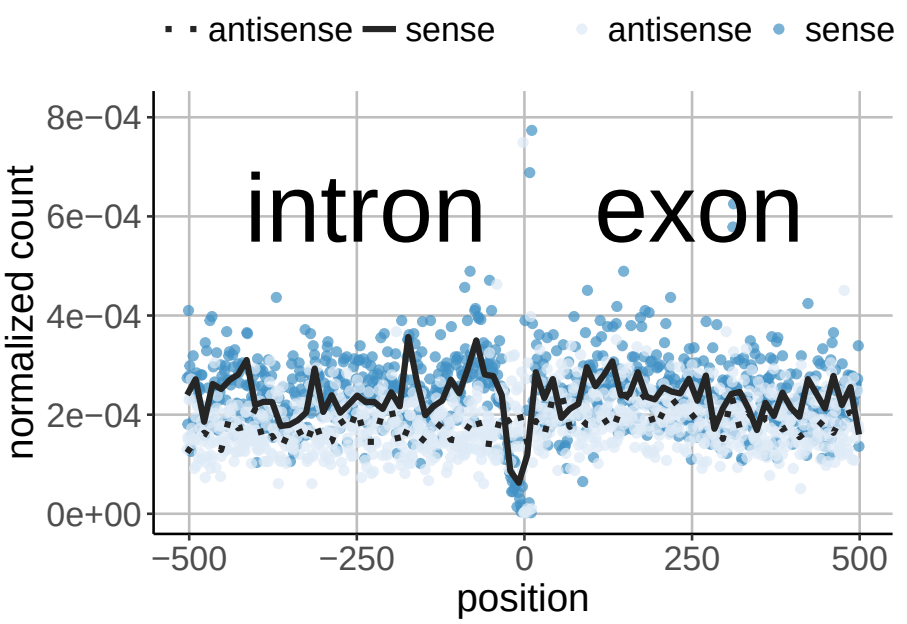
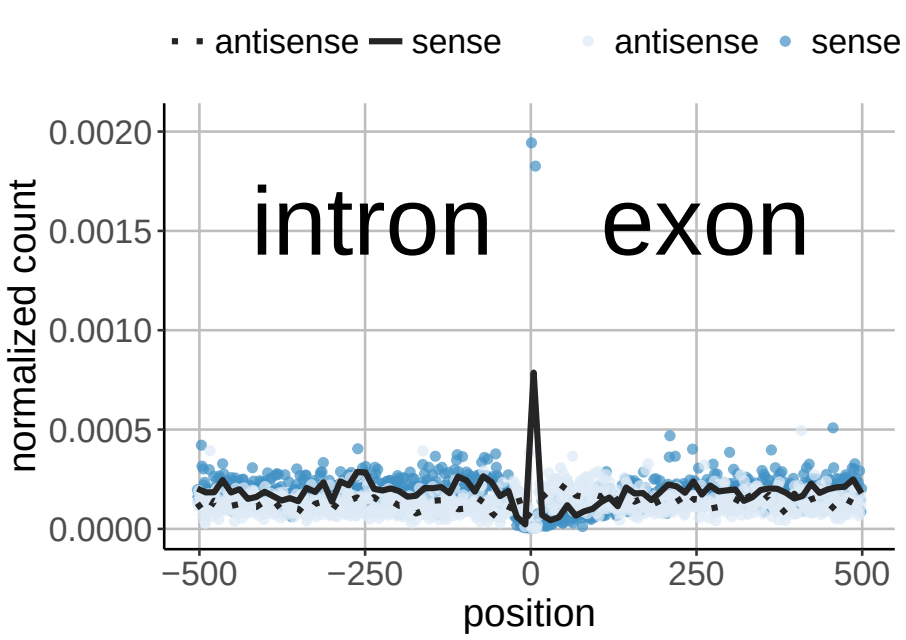


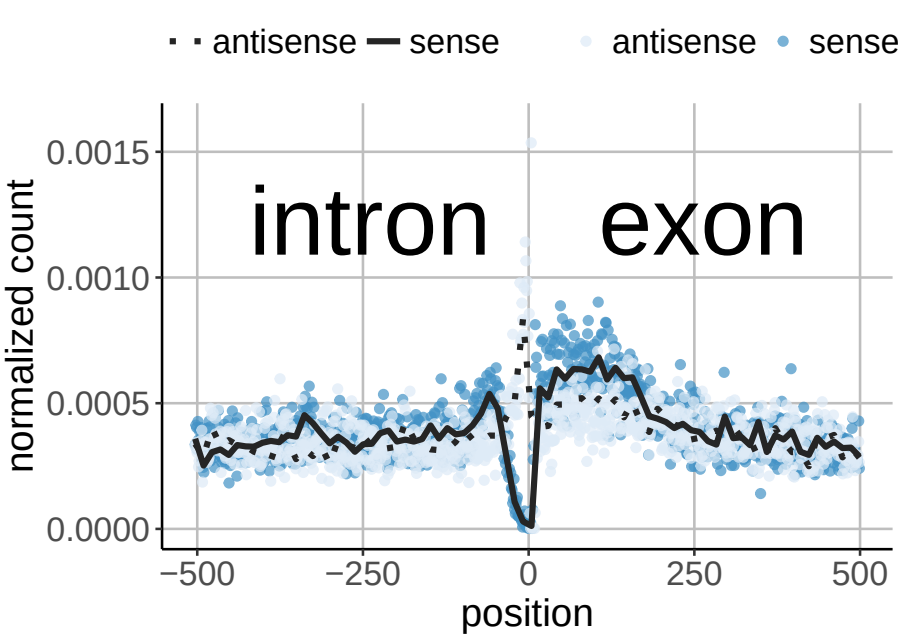
RBFOX1_2−GCAUGNNGCAUG



MSI1−KUAGUWKUAGK



HEXIM1−GKDKCGACGGK



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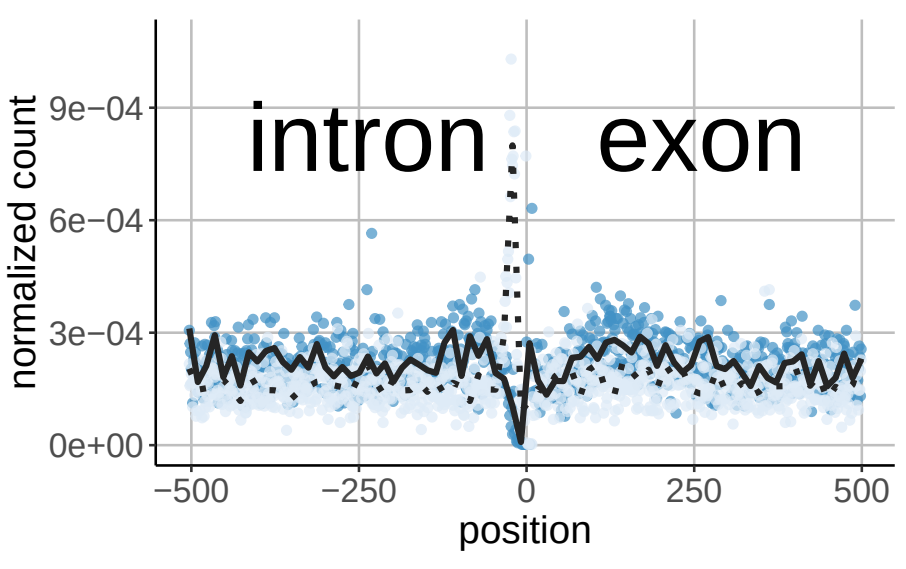
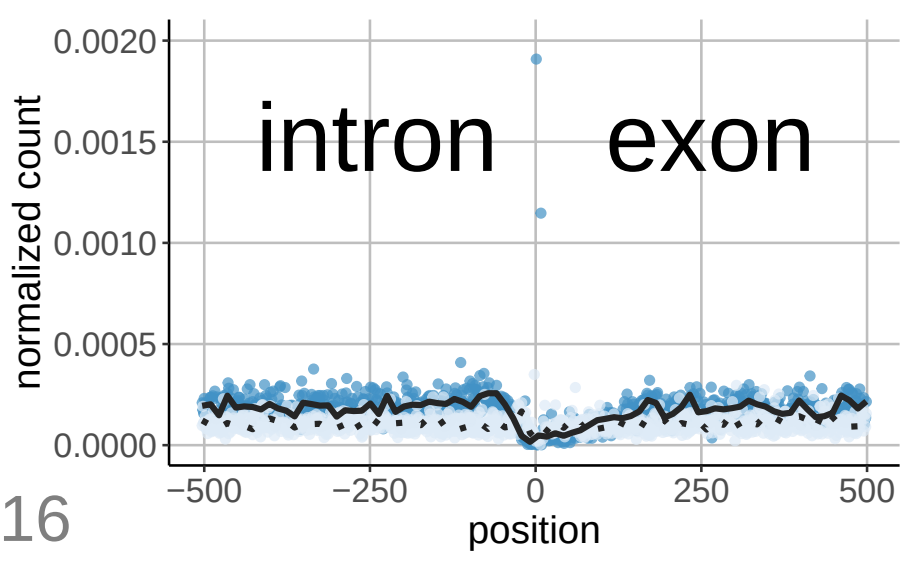
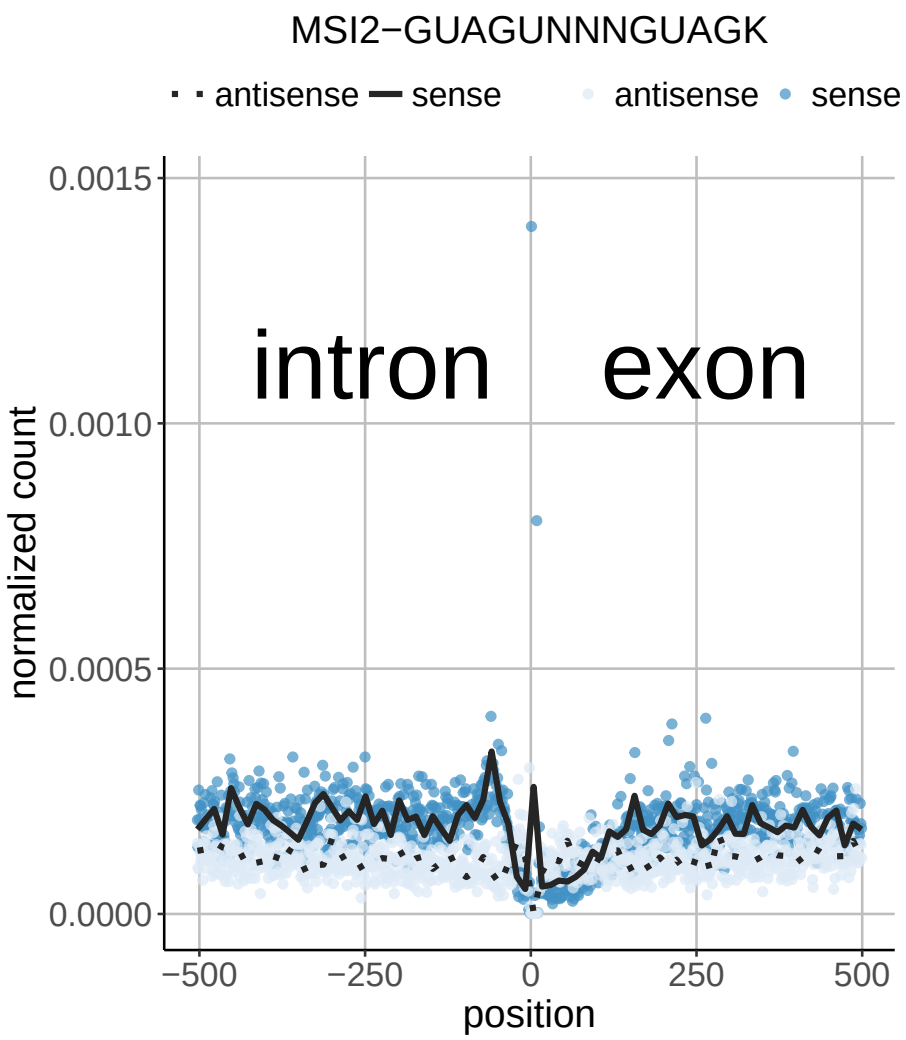


MSI2−GUAGUGDGUAGK



ACCEPTOR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exon
normalized count
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0.0005
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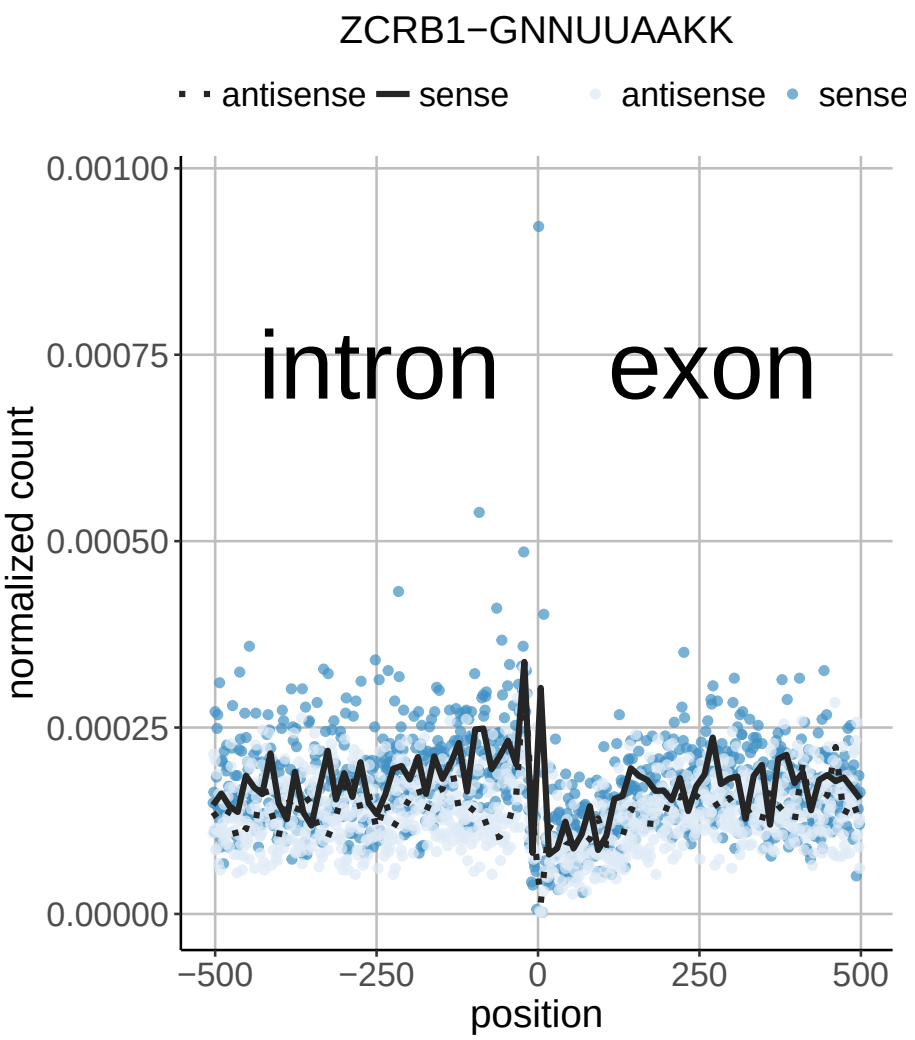
position


ZCRB1−GNNUUAAKK
antisense
sense
antisense
sense
intron
exon
normalized count
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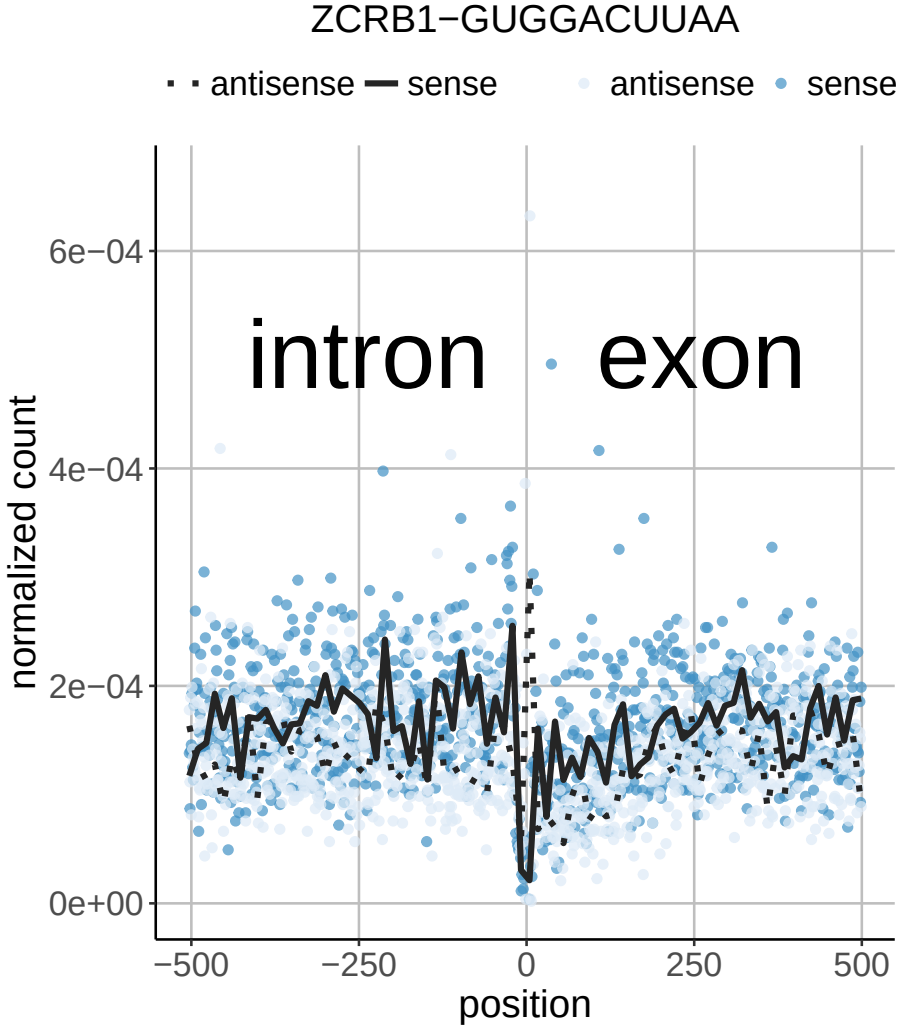
0.00075
0.00050
0.00025
0.00000
−500
−250
0
250
500
position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antisense
sense
antisense
sense
intron
exon
normalized count
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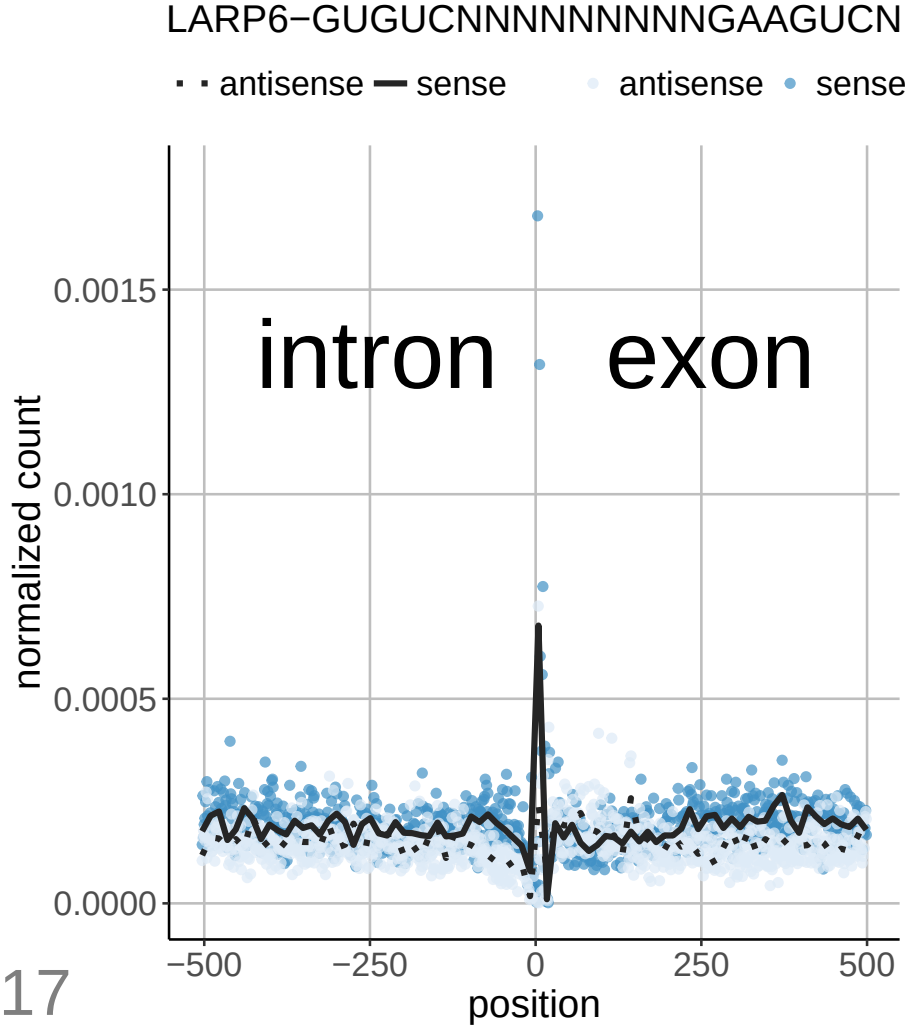
4e−04
2e−04
0e+00
−500
−250
0
250
500
position


LARP6−GUGUCNNNNNNNNNGAAGUCN
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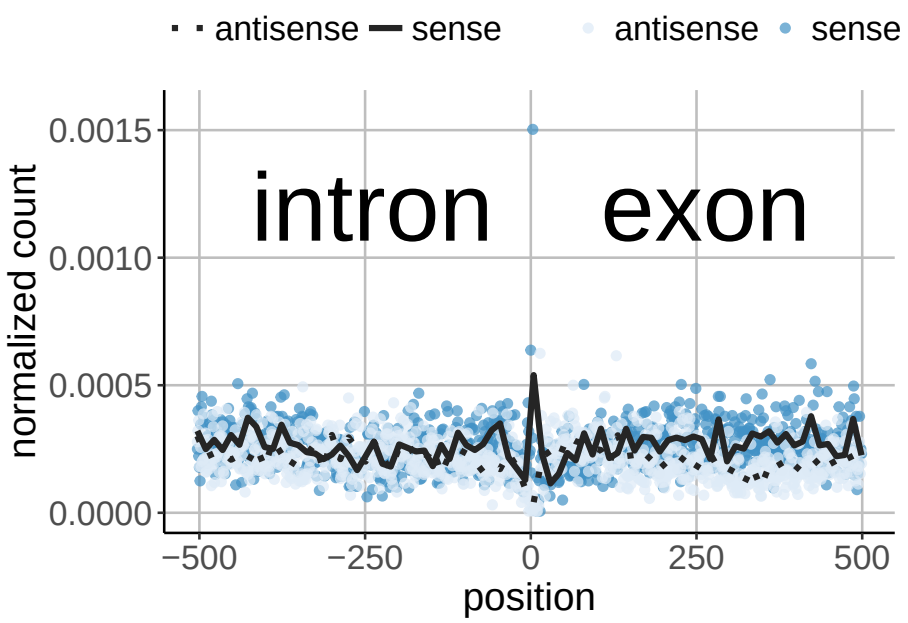
sense
antisense
sense
intron
exon
normalized count
0.0015
0.0010
0.0005
0.0000
−500
−250
0
250
500
position

17

ACCEPTOR

DAZ1_2−NNUGUGUGSGUUUCCGSN



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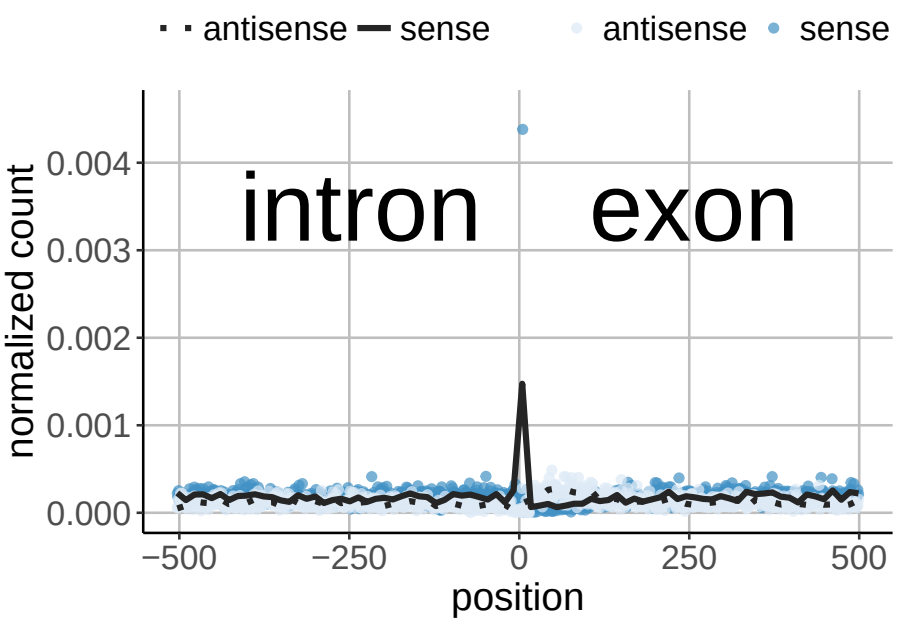

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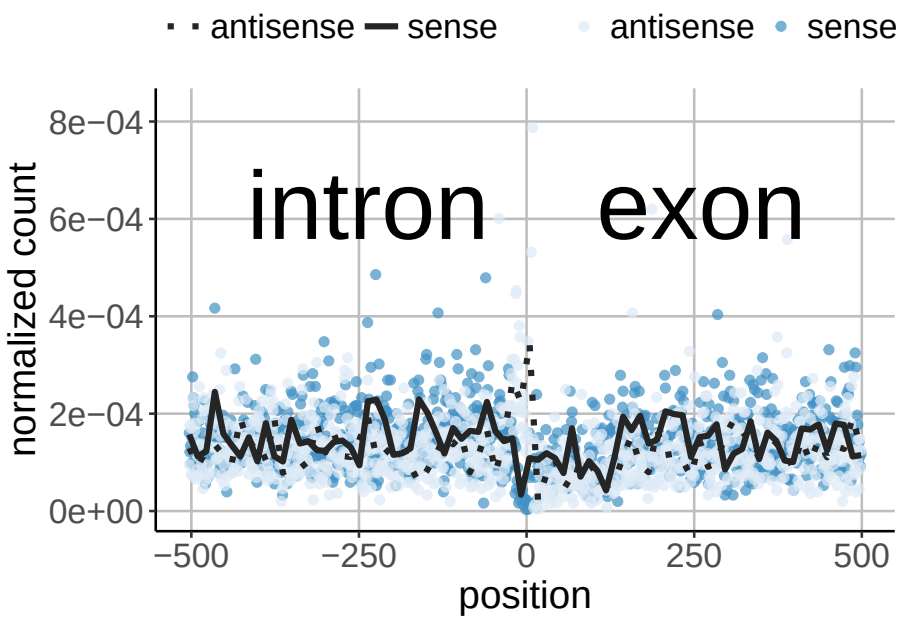

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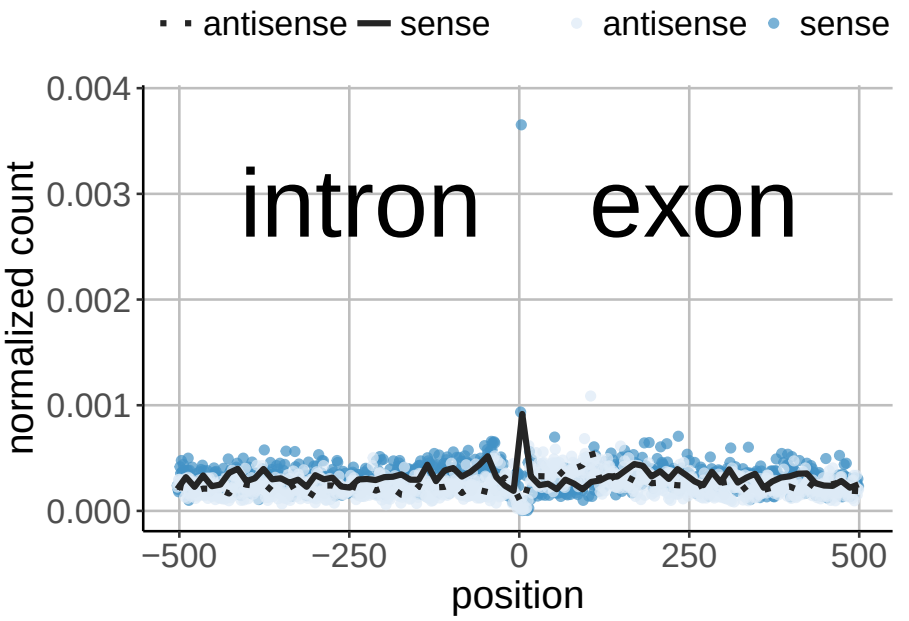

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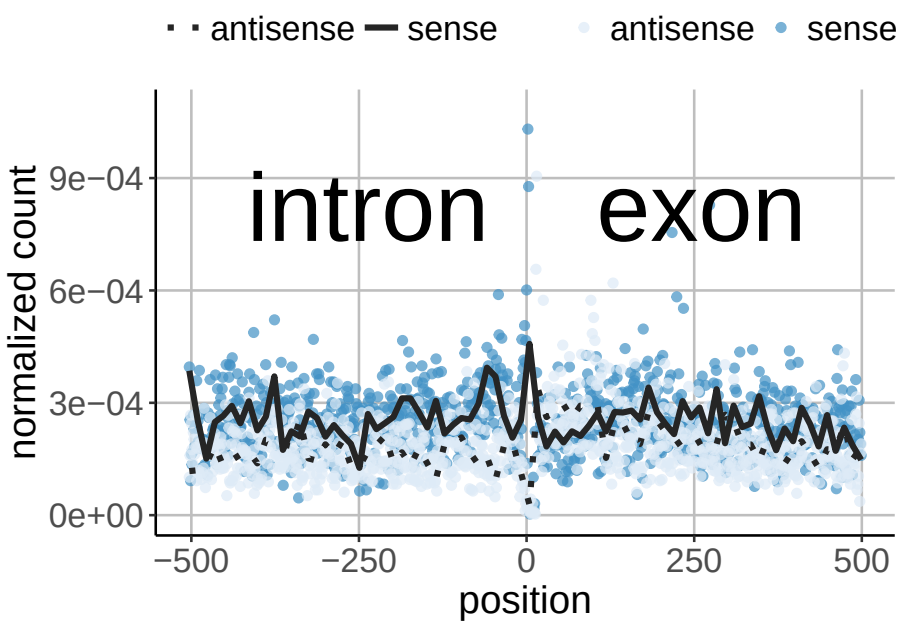

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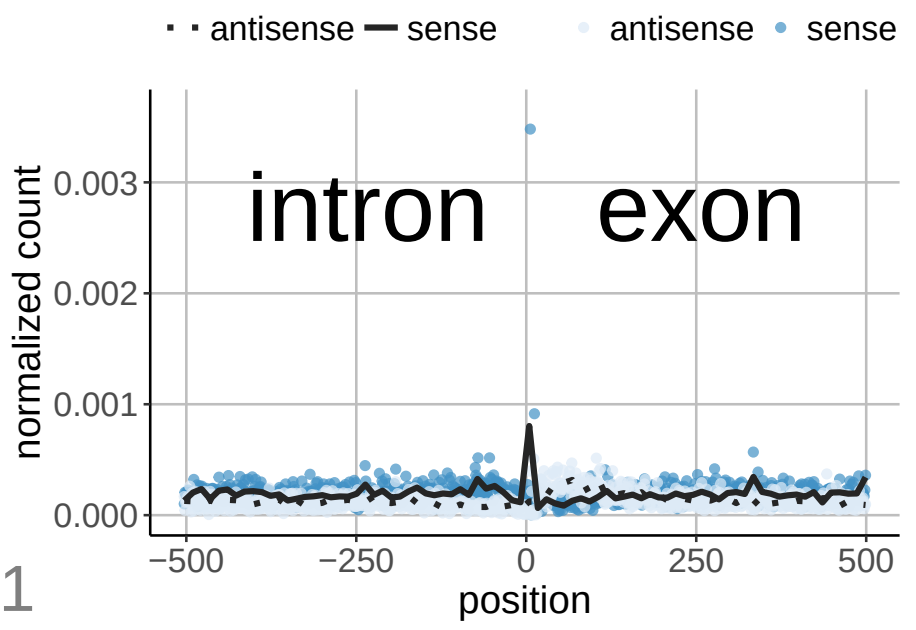
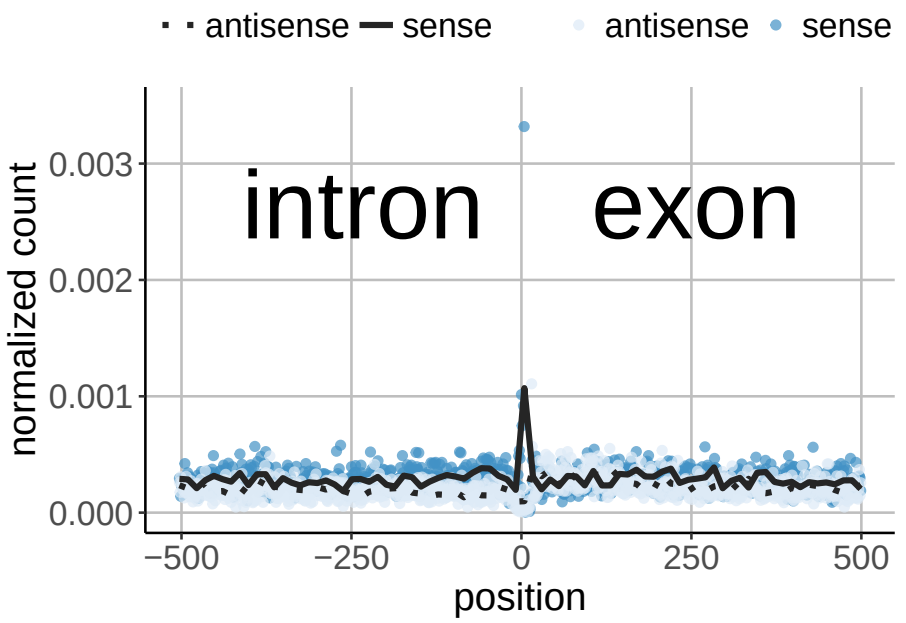


1

ACCEPTOR

DAZL−NNUGYGUGCGUUUCCGSN



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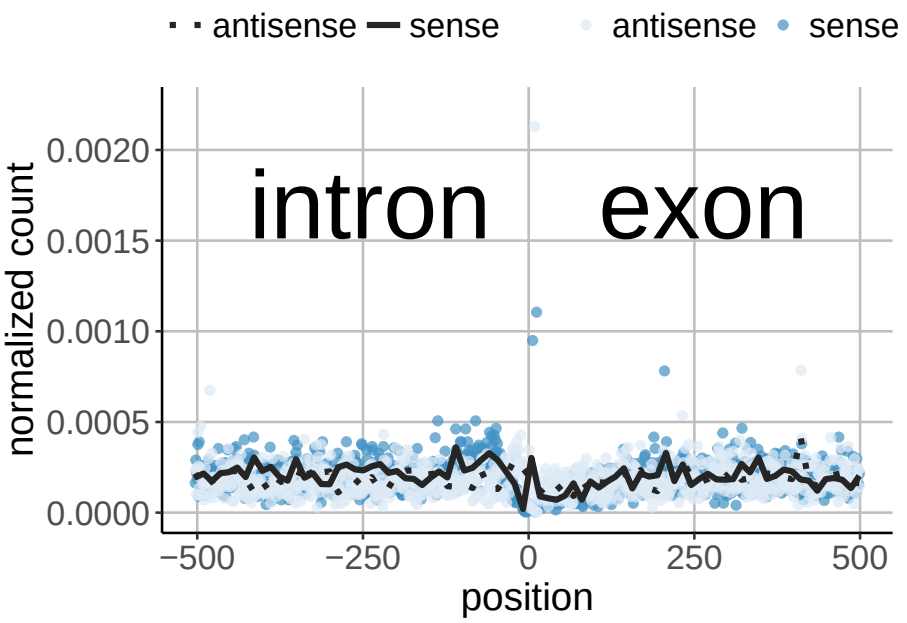

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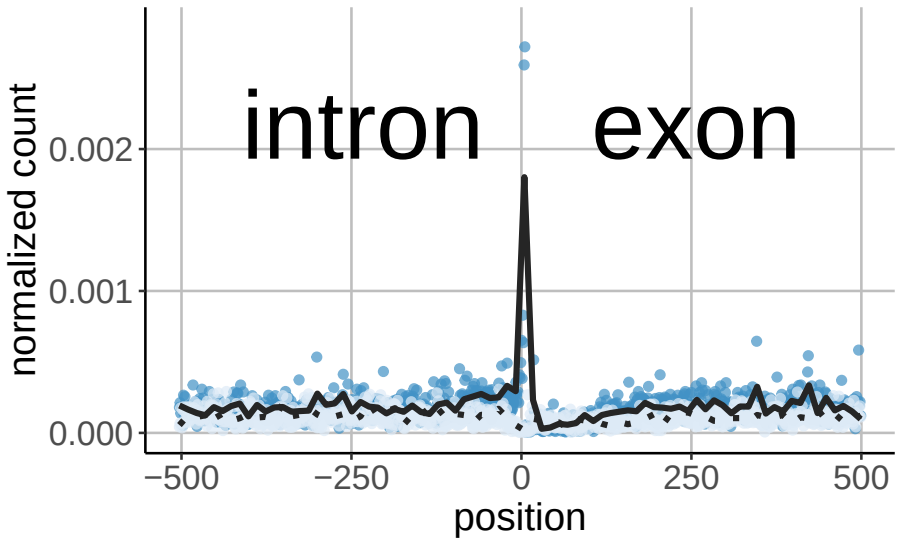

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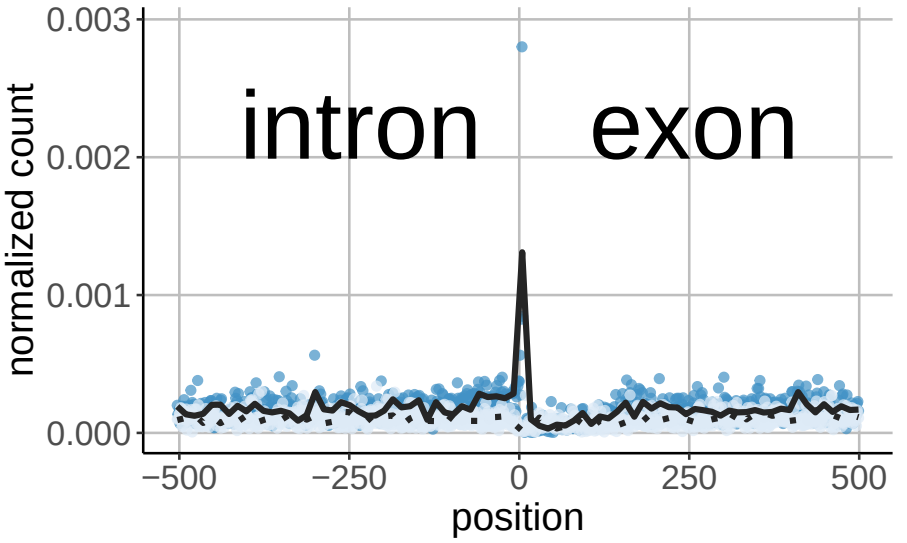

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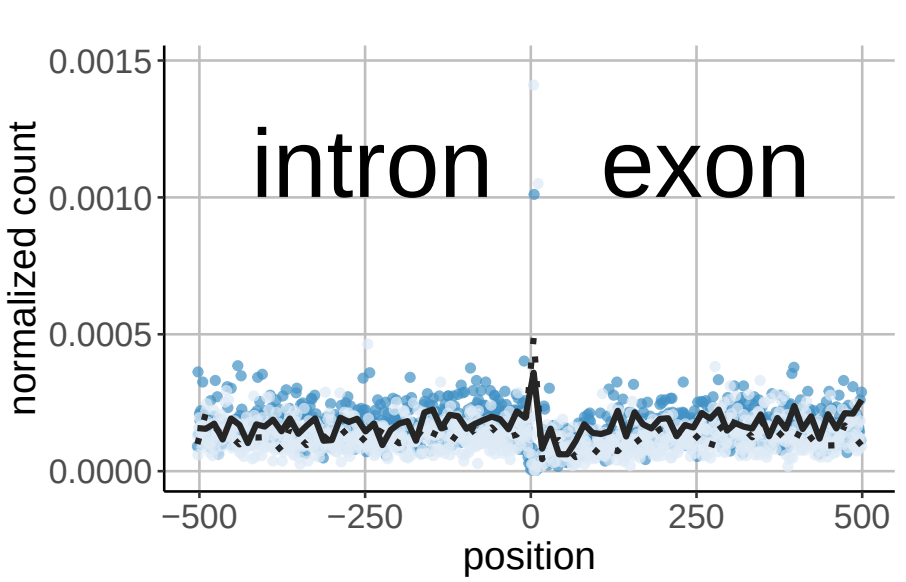

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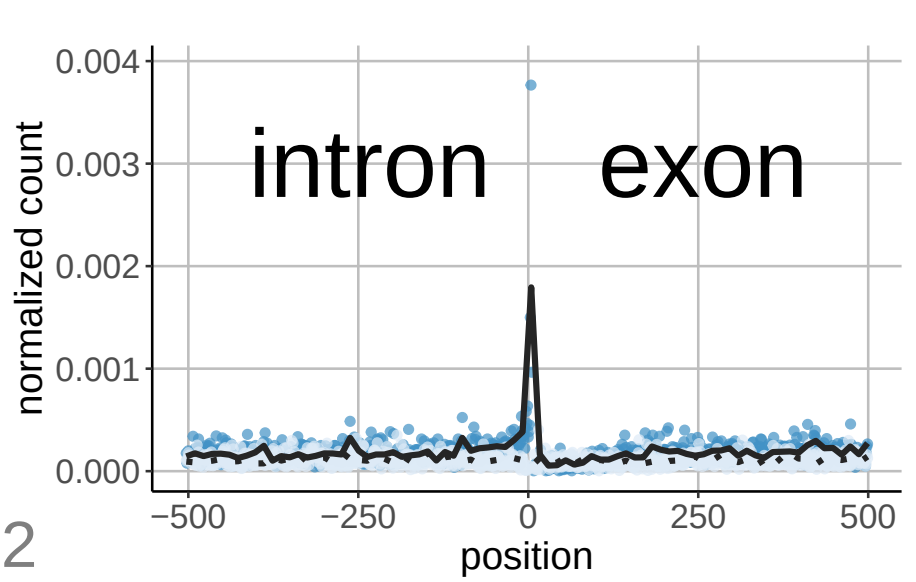

ACCEPTOR

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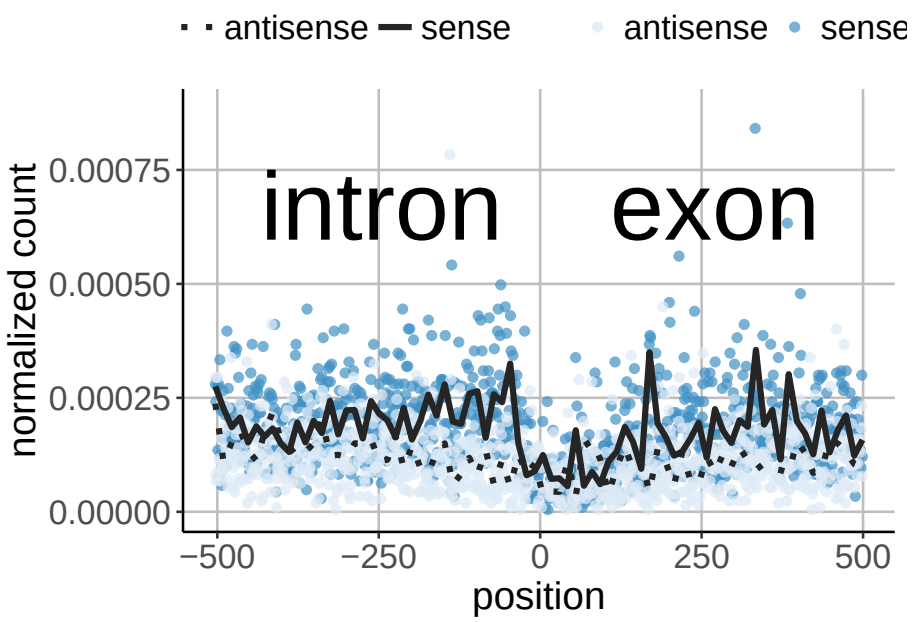

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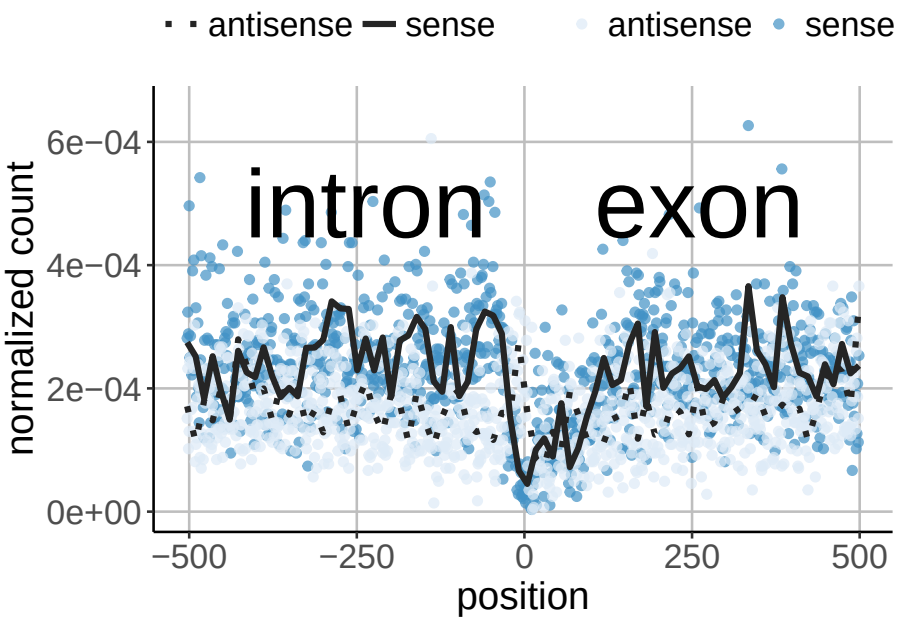

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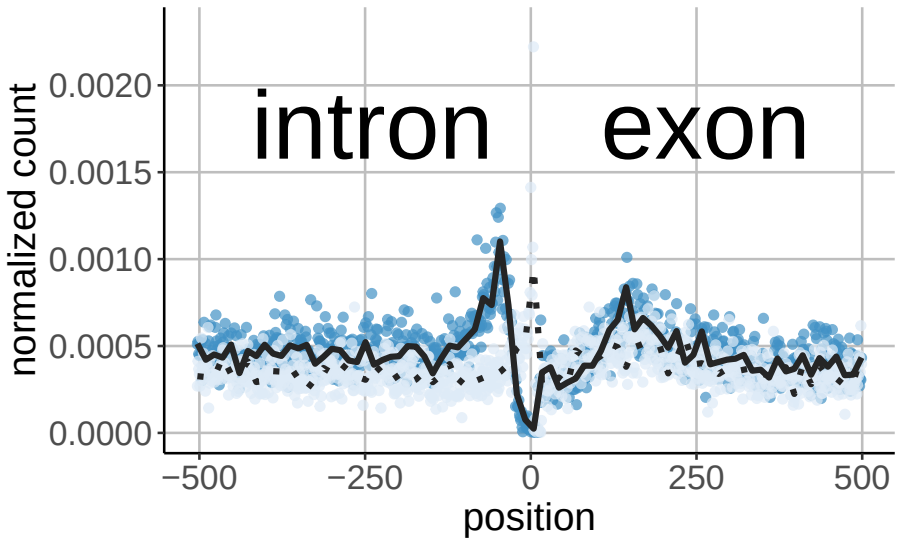

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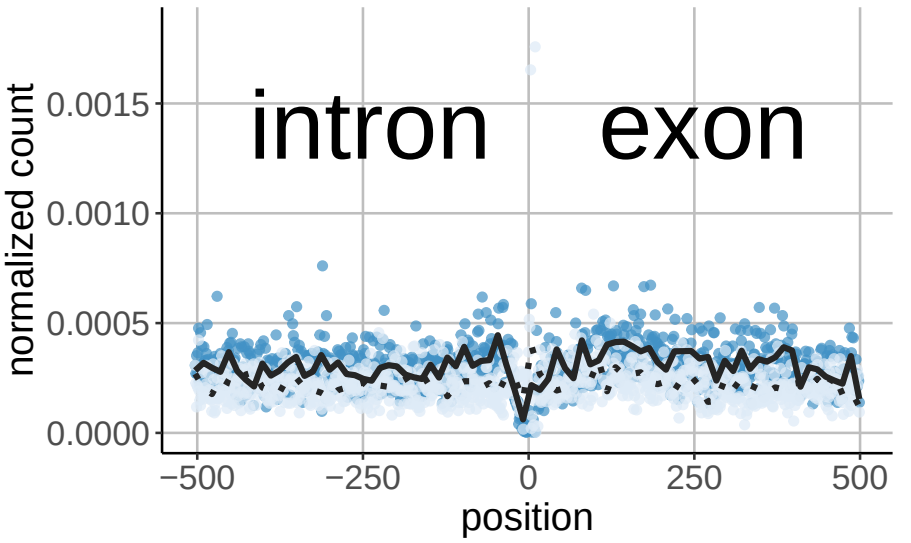

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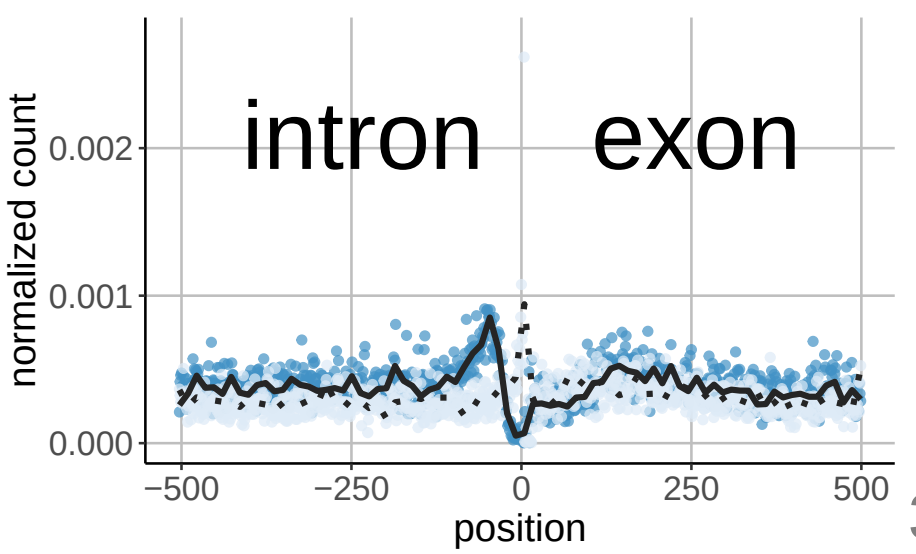

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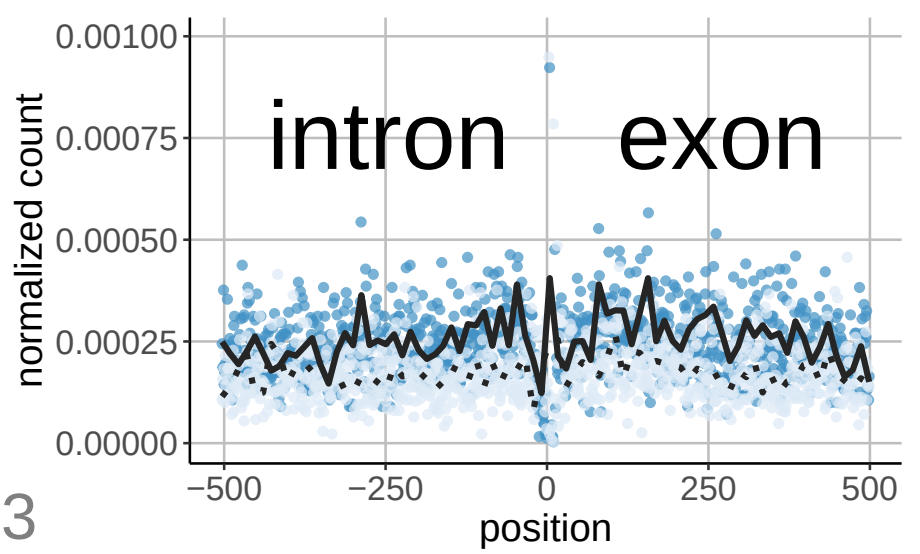

ACCEPTOR

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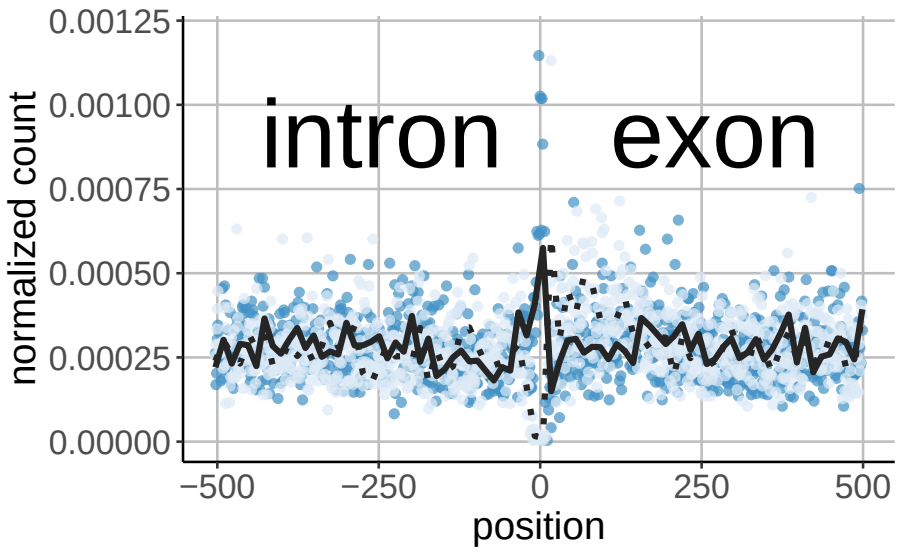

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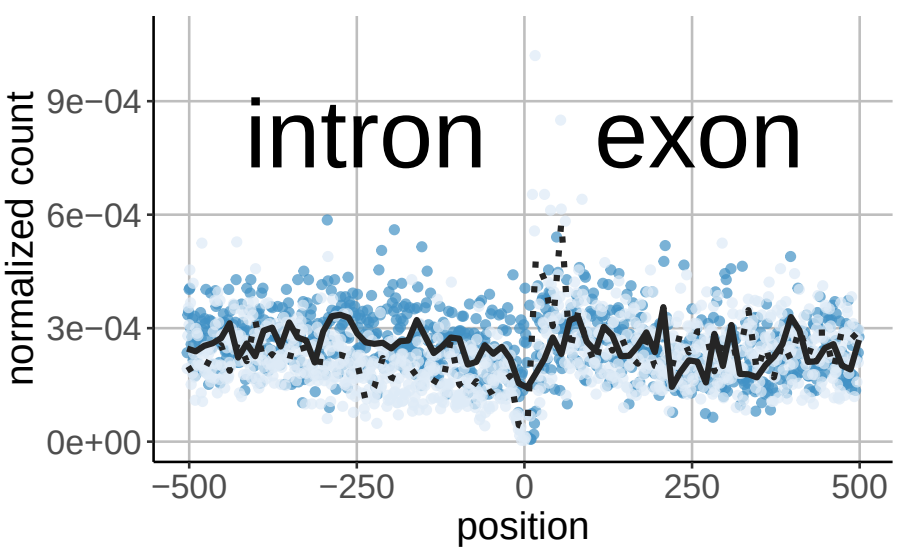

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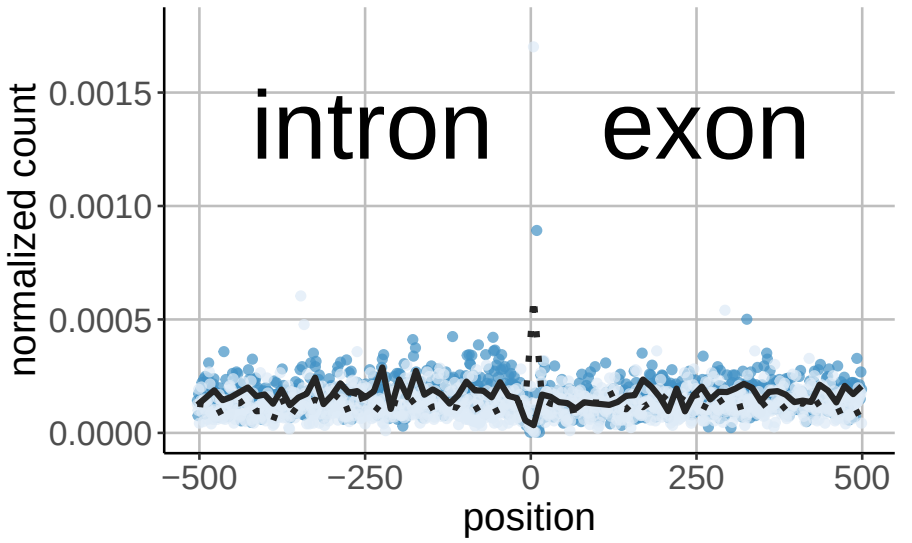

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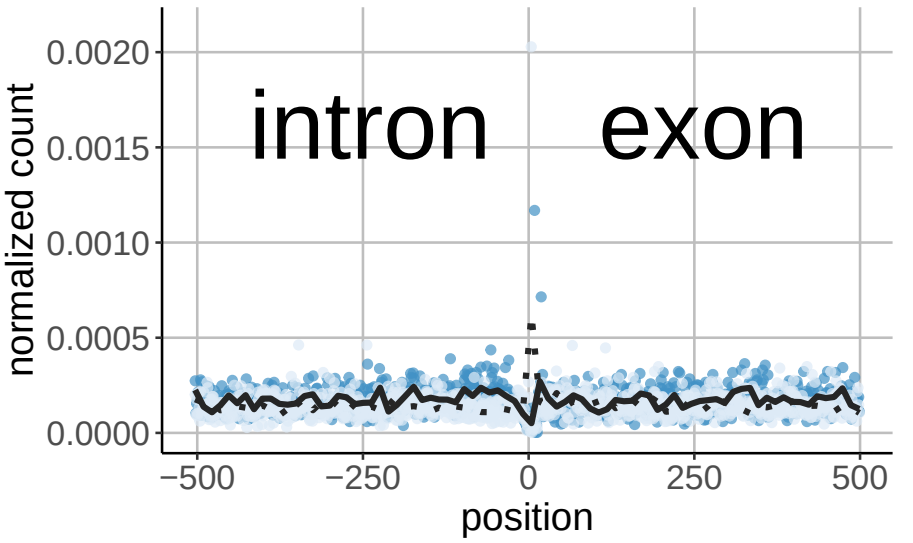

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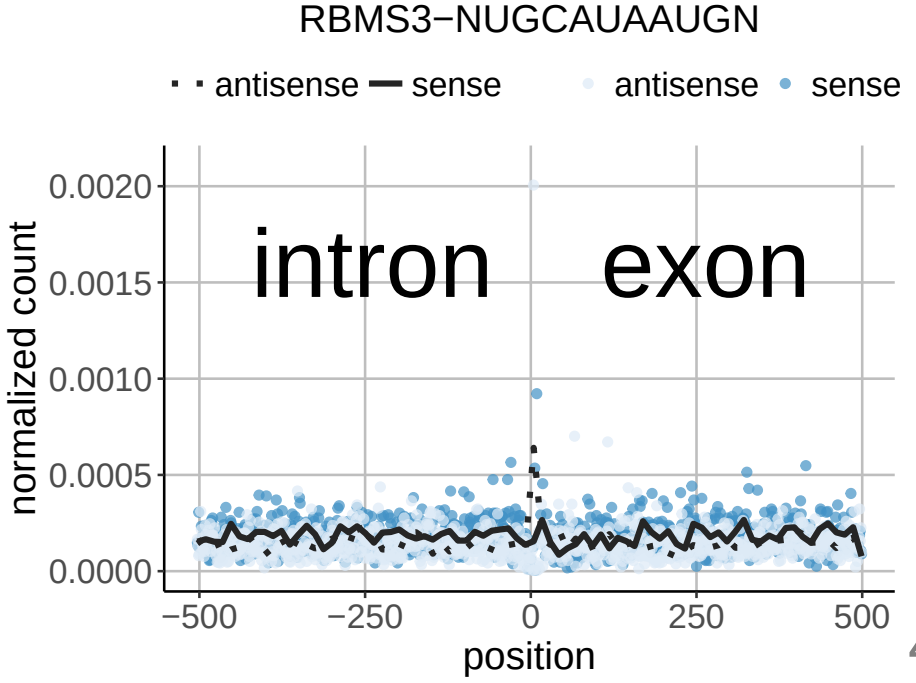

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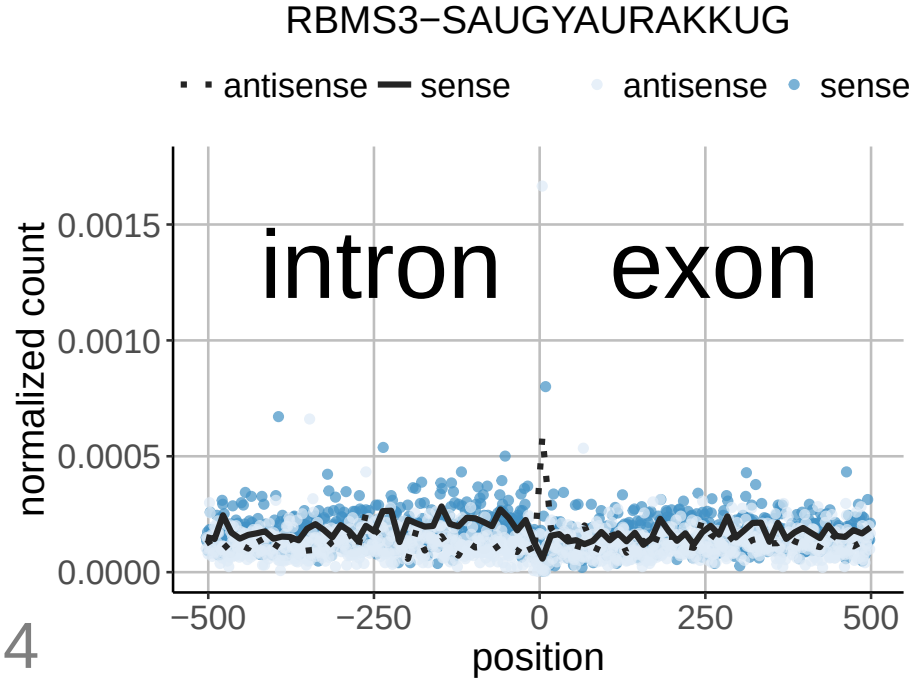

ACCEPTOR

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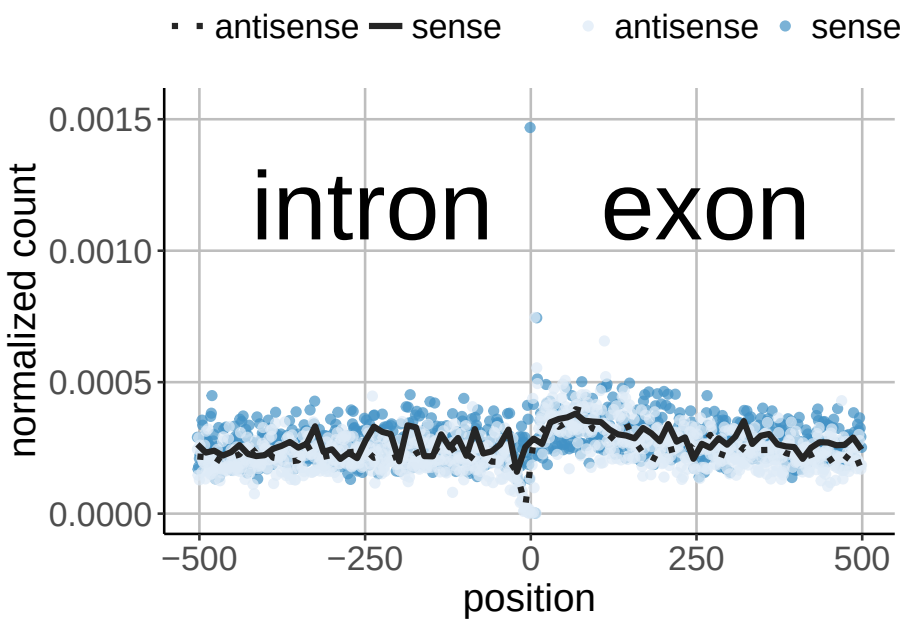

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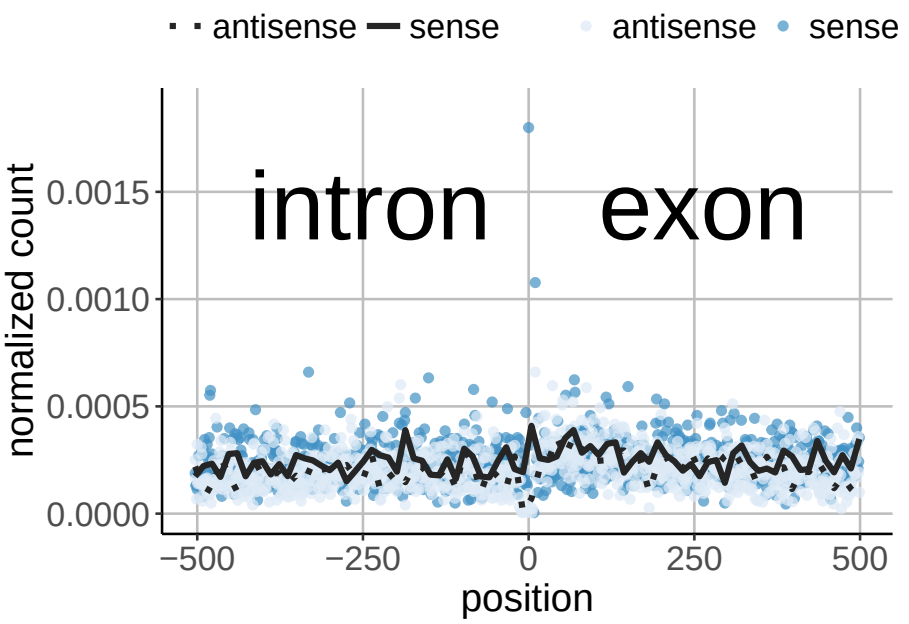

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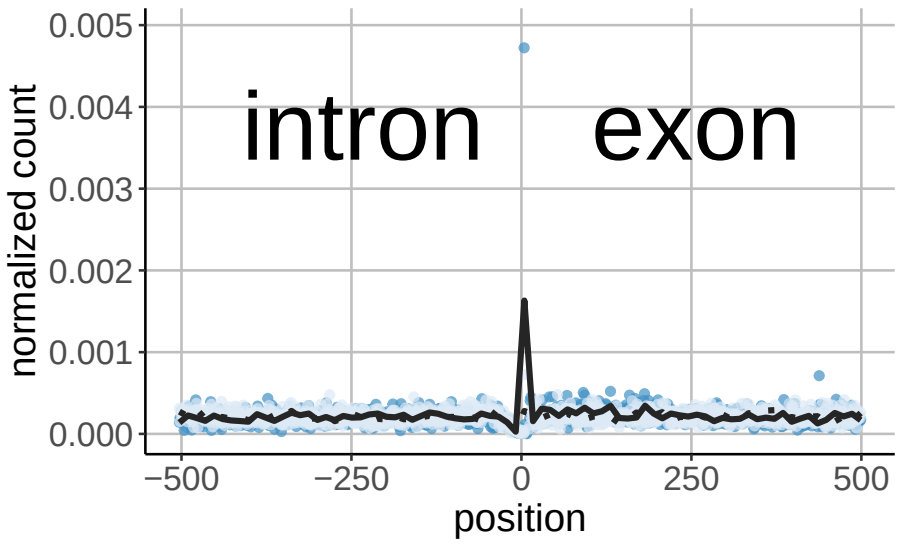

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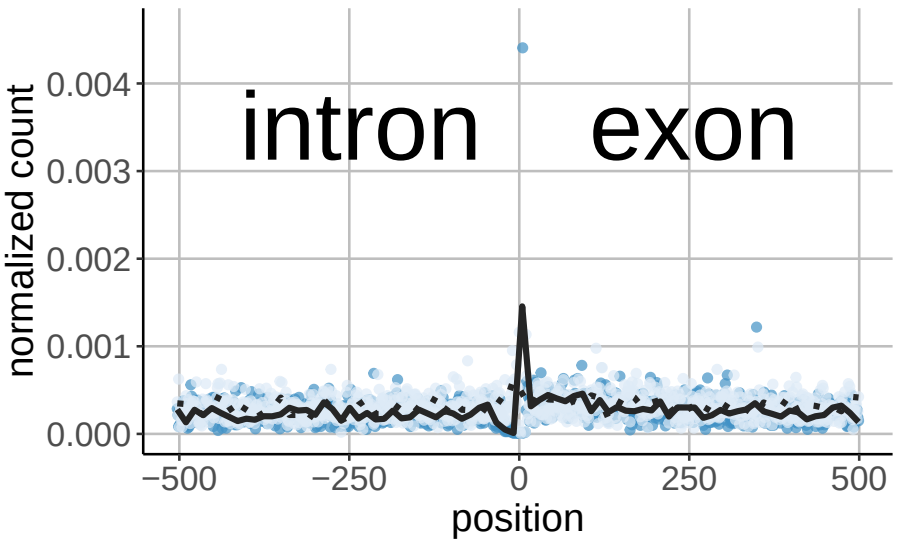

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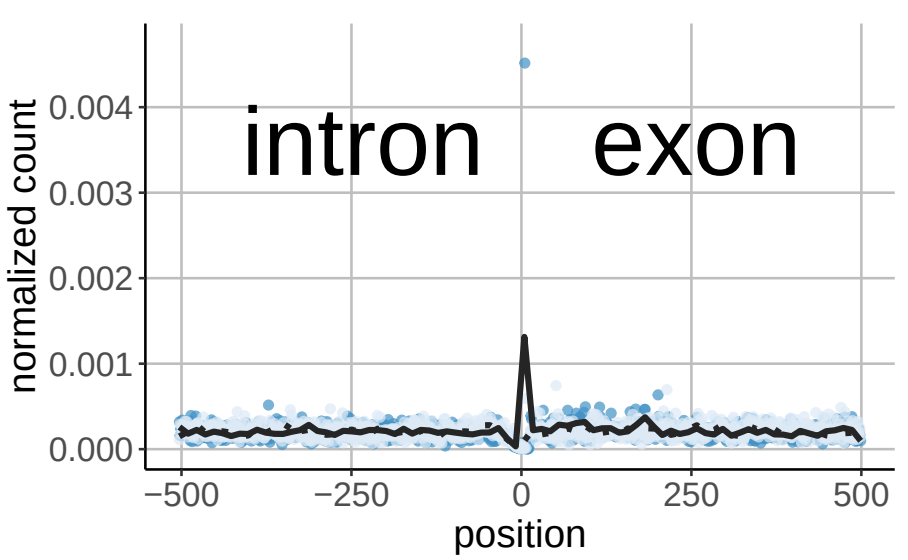

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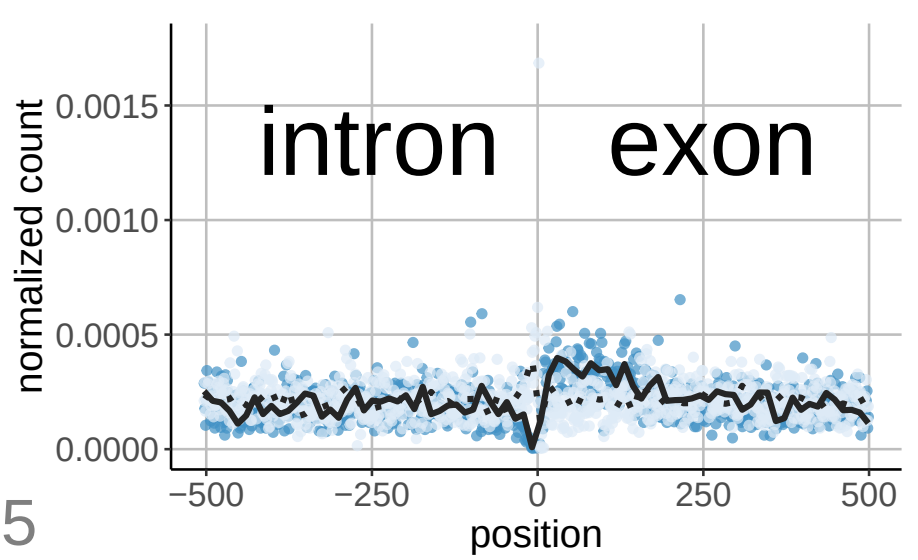

ACCEPTOR

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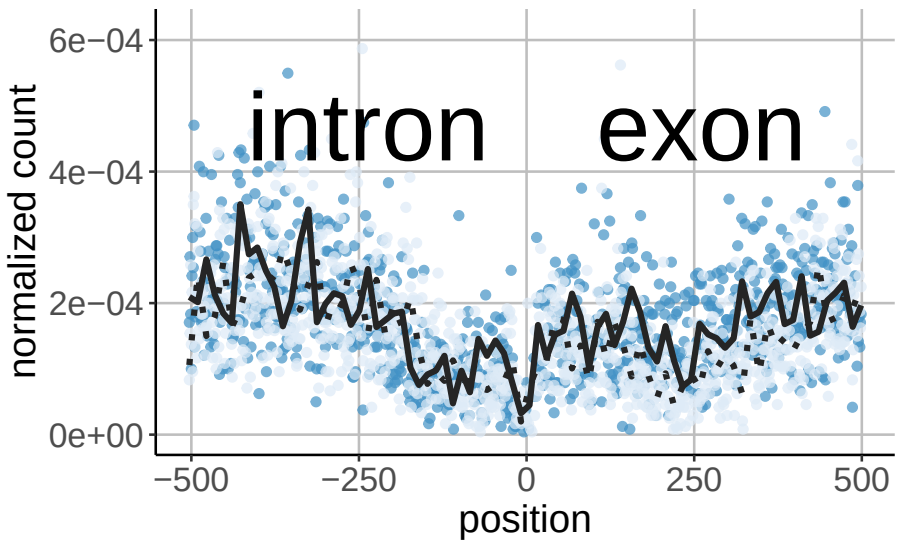

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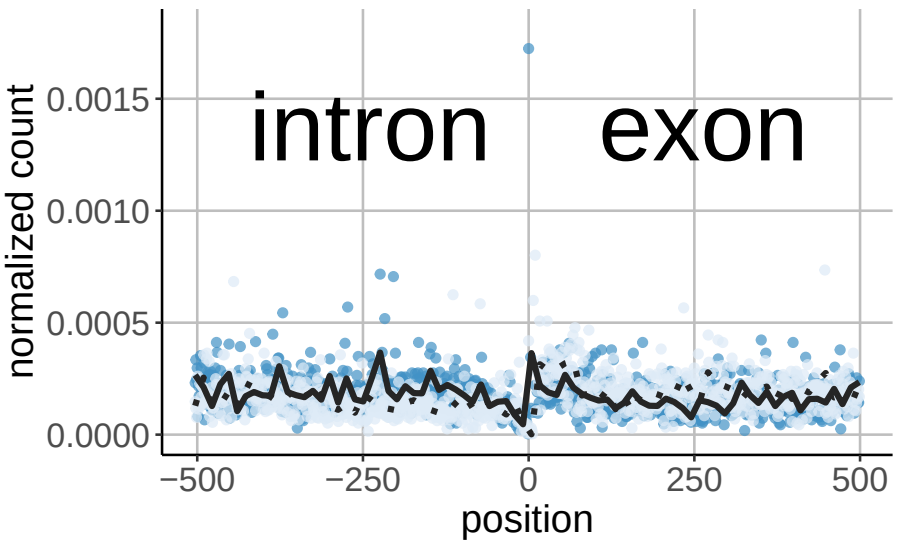

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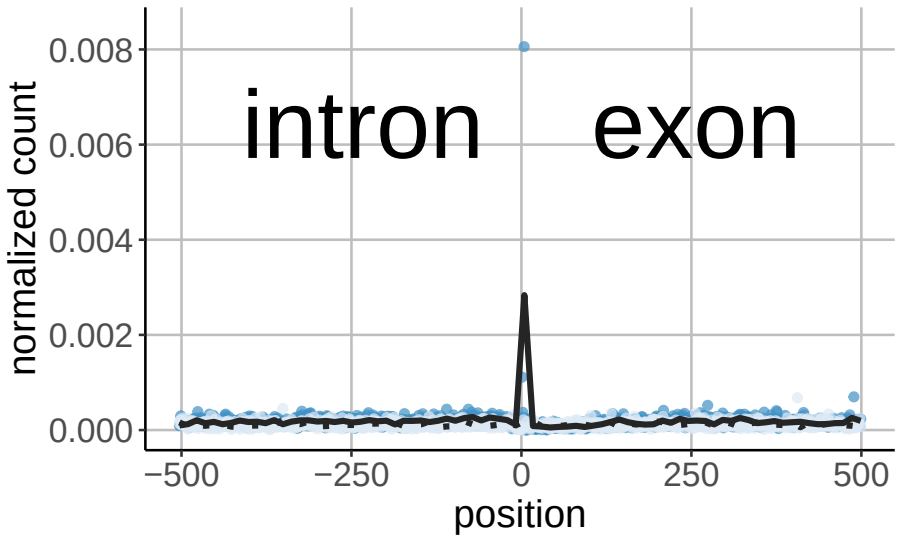

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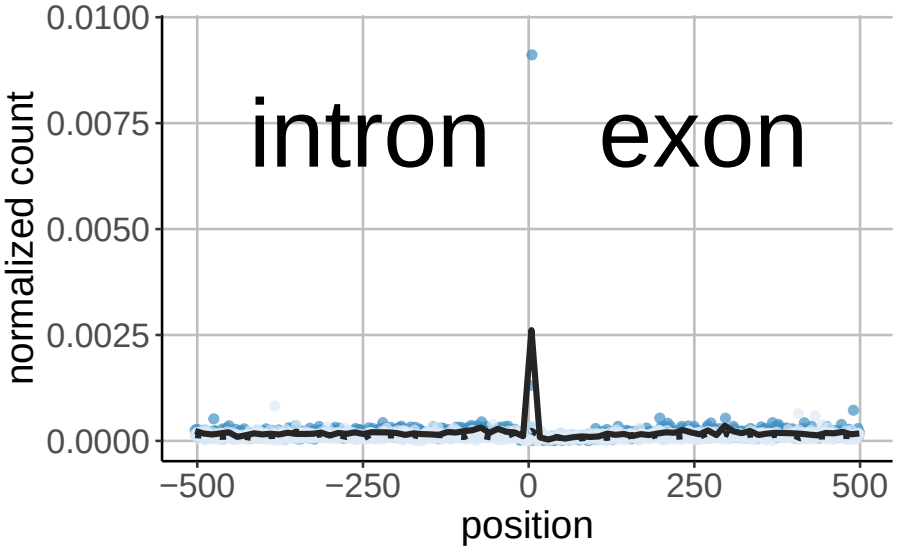

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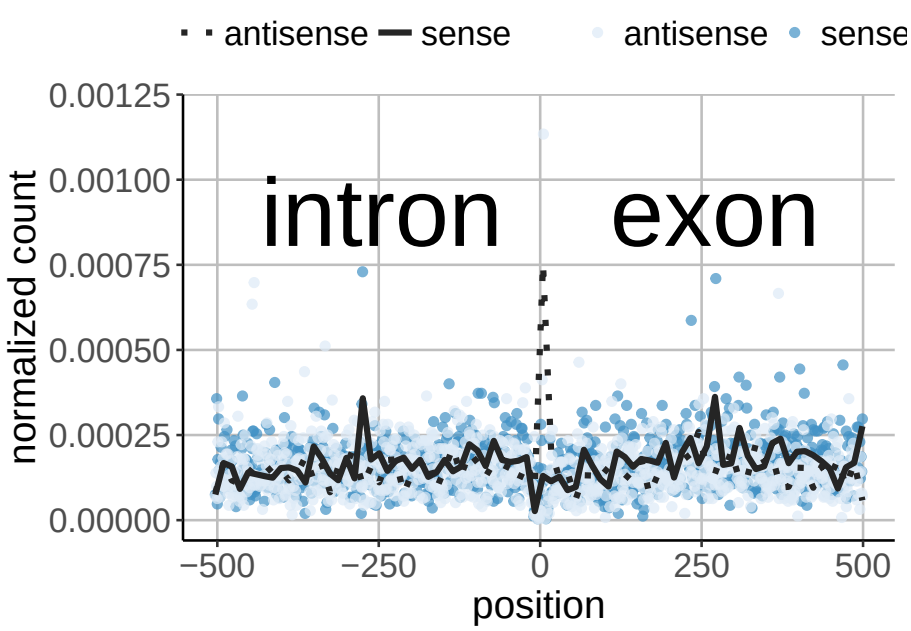

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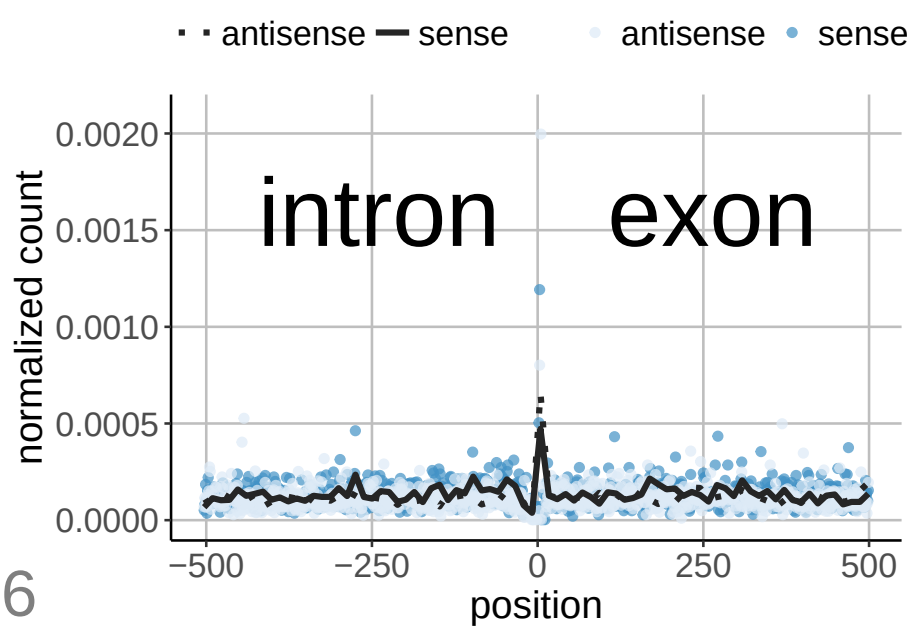

ACCEPTOR

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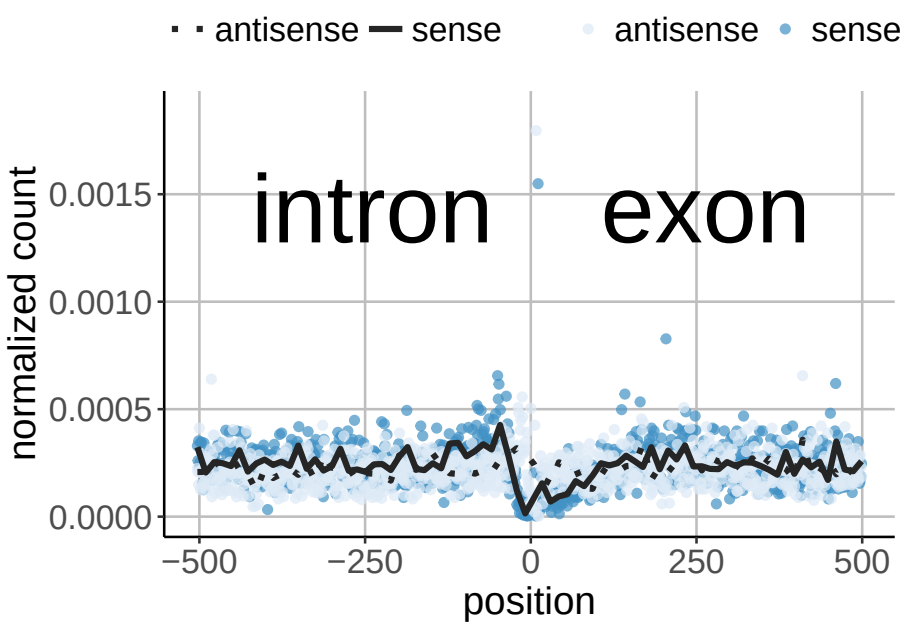

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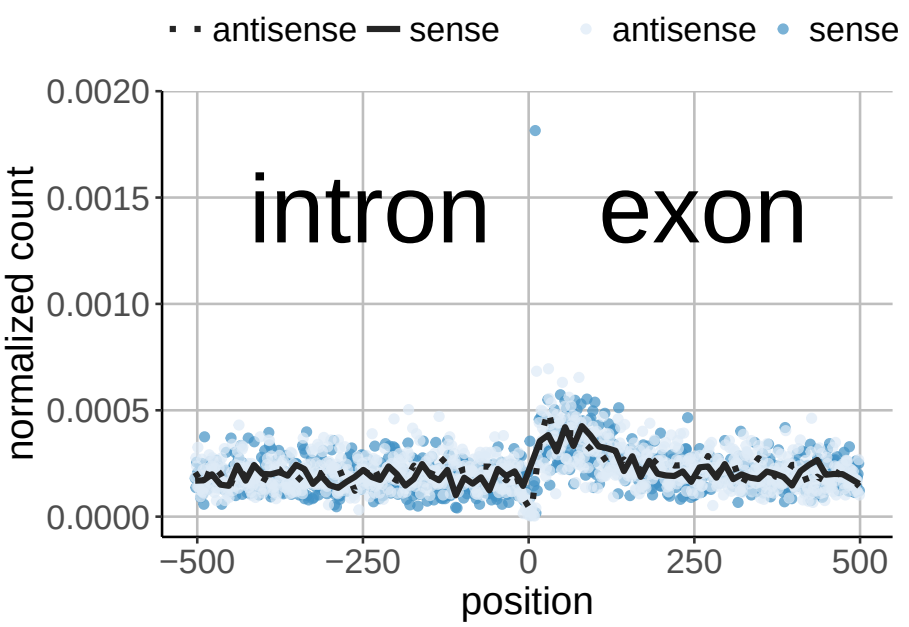

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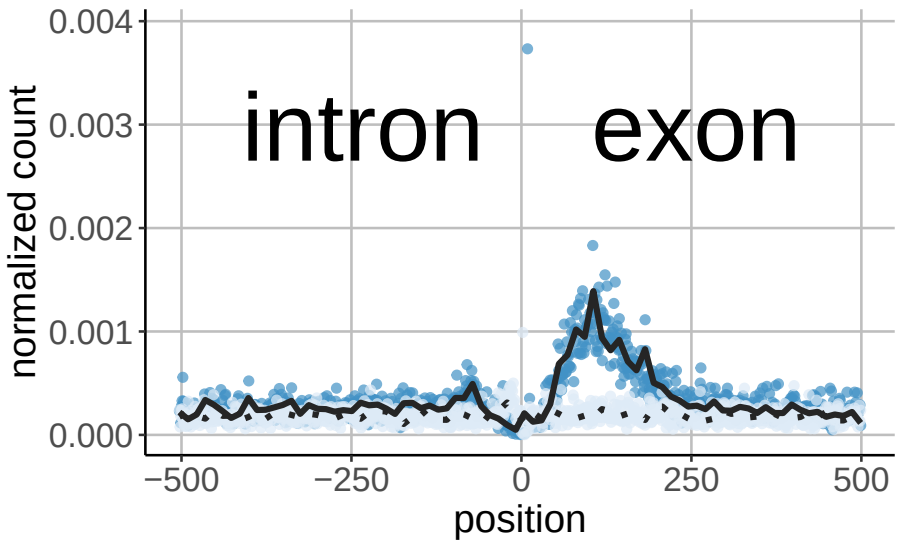

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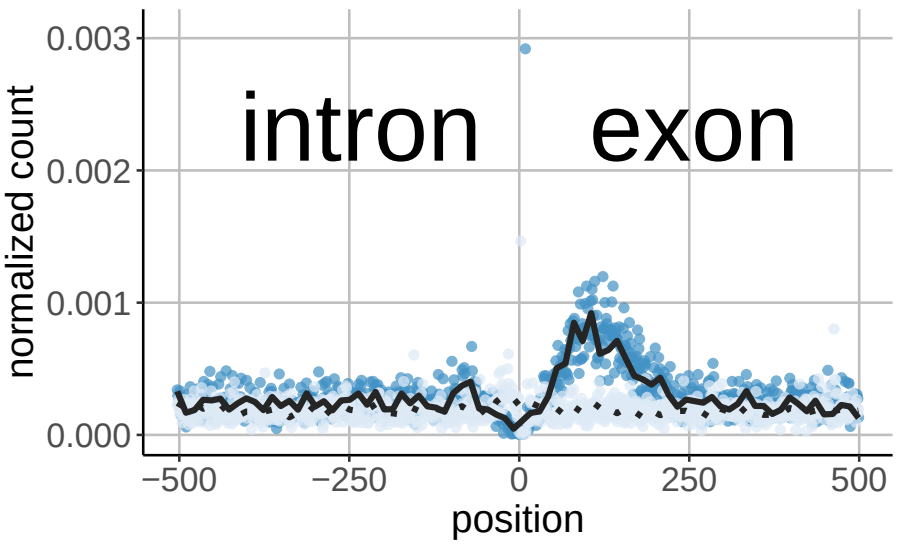

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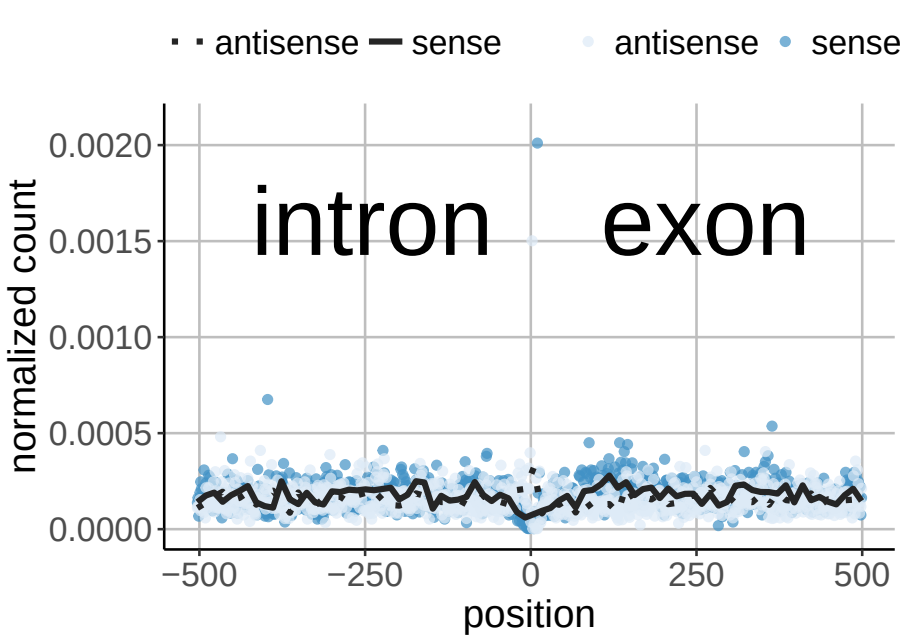

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DONOR

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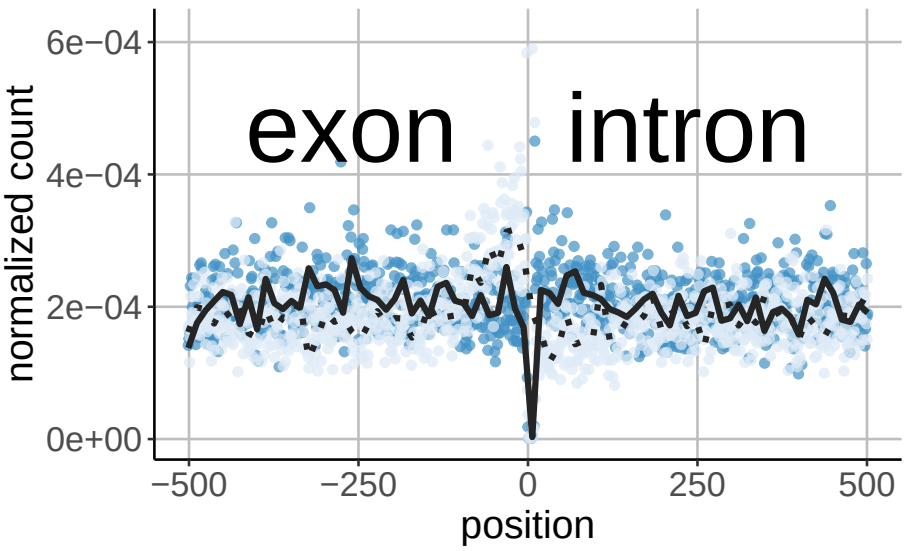
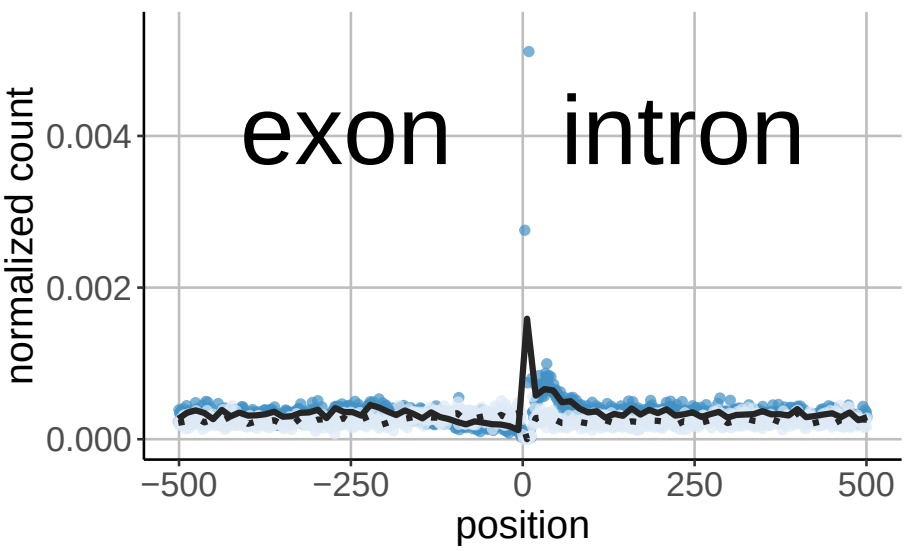
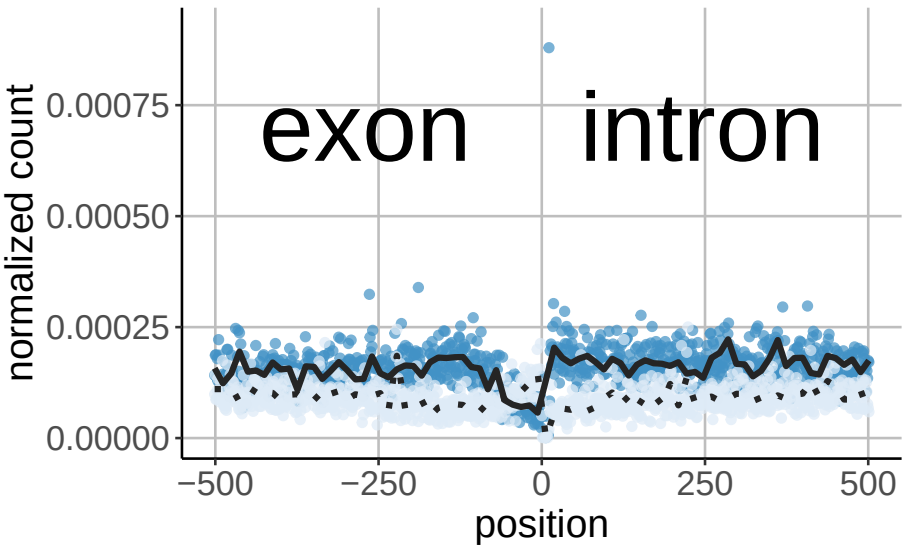


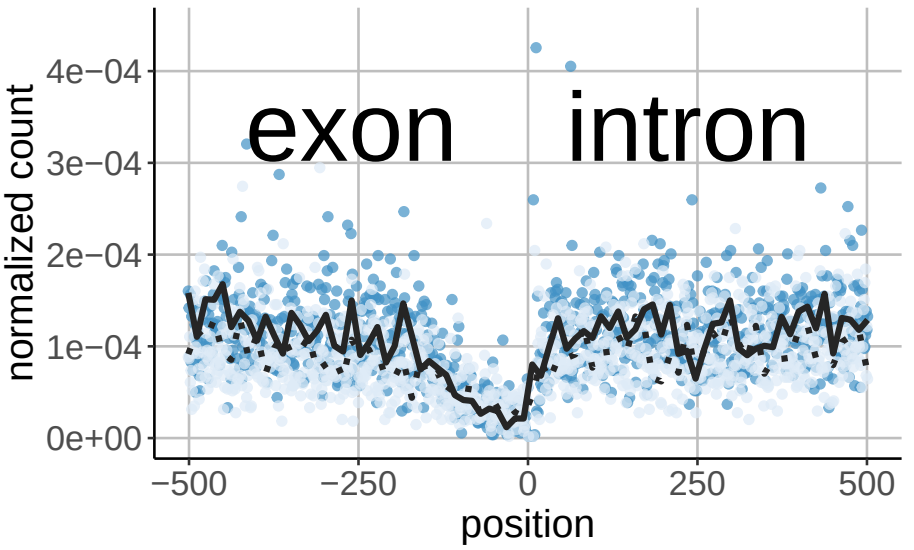
ESRP1_3−GGUGUUGGUG



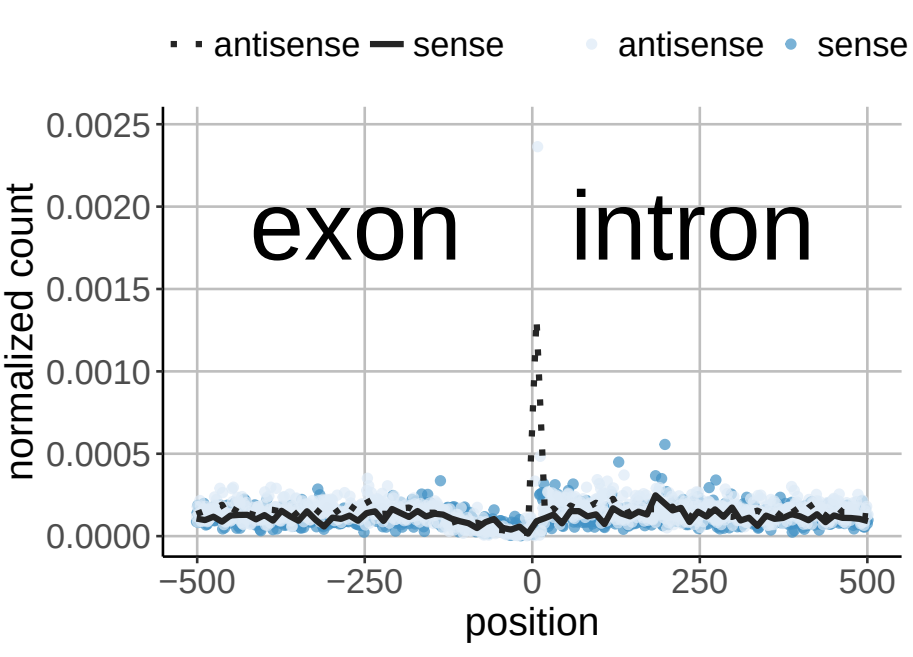
ELAVL3−GUUUUUG



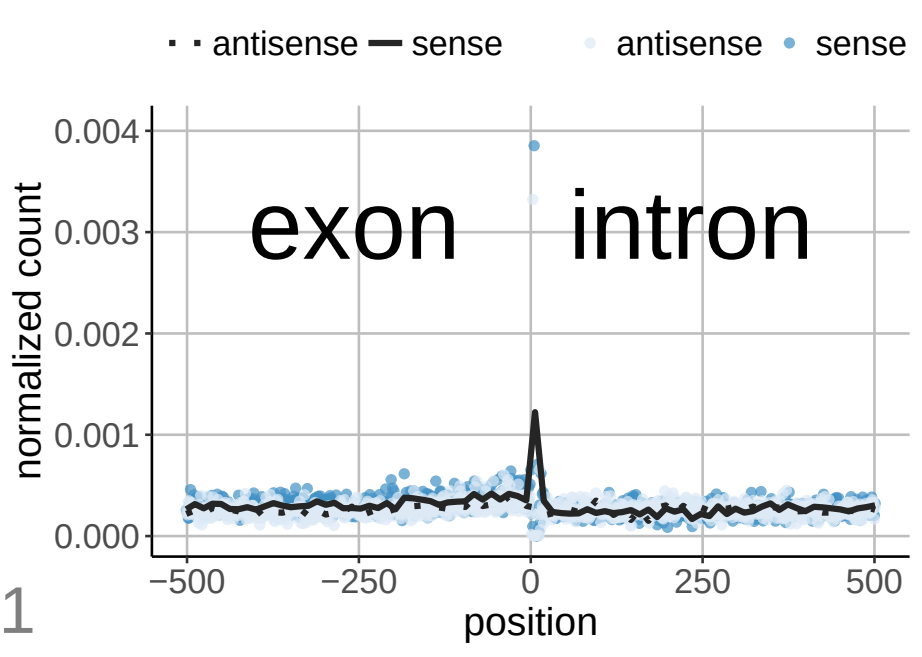
PUM1−NUGUAAAUAG



QKI−NUACUAACAWN



MCM3AP−CGCCAGUGCG



DONOR

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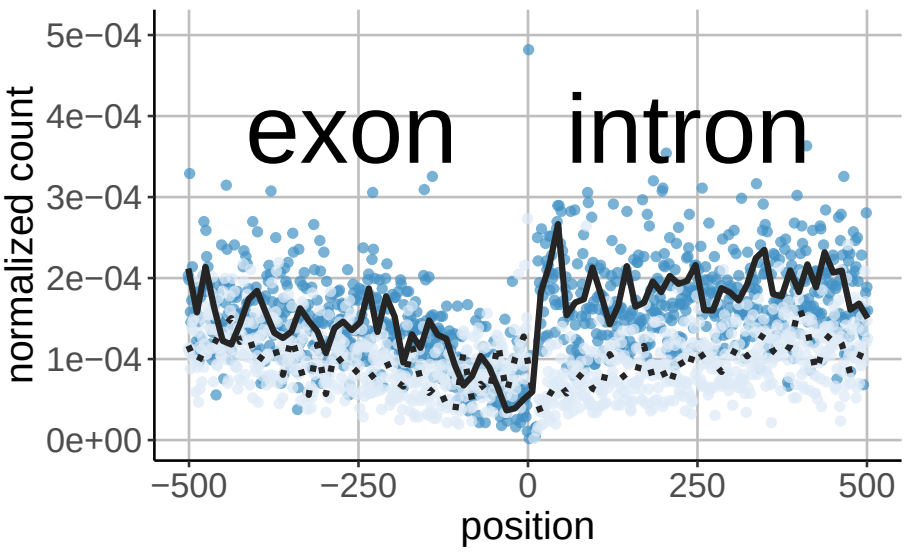

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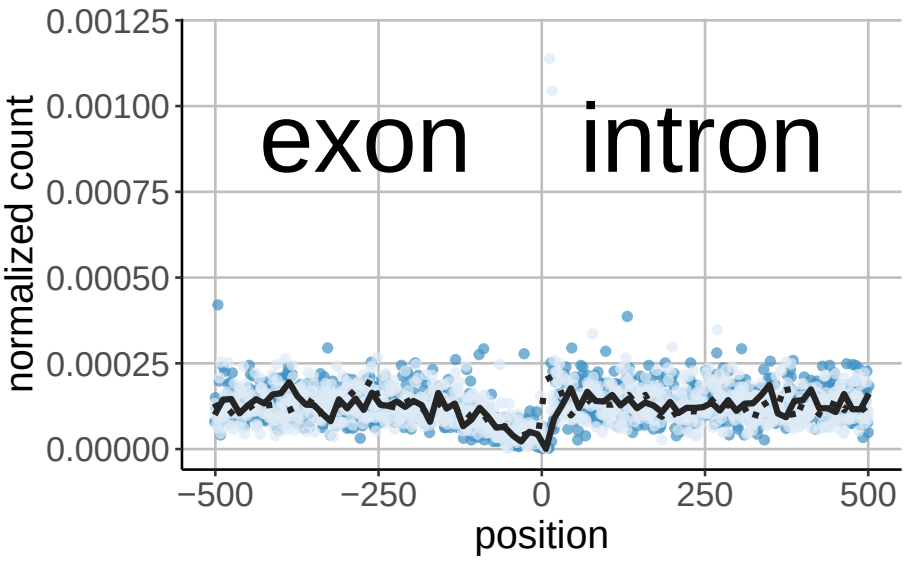

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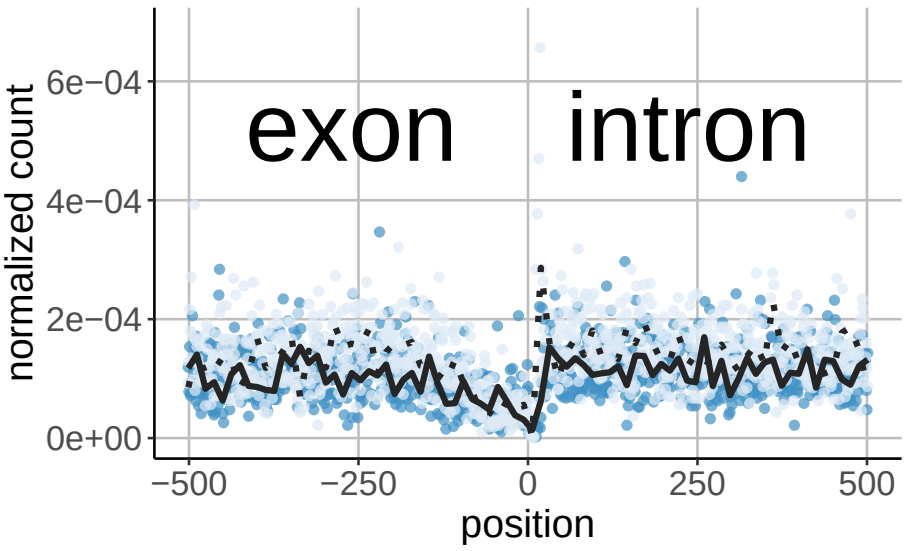

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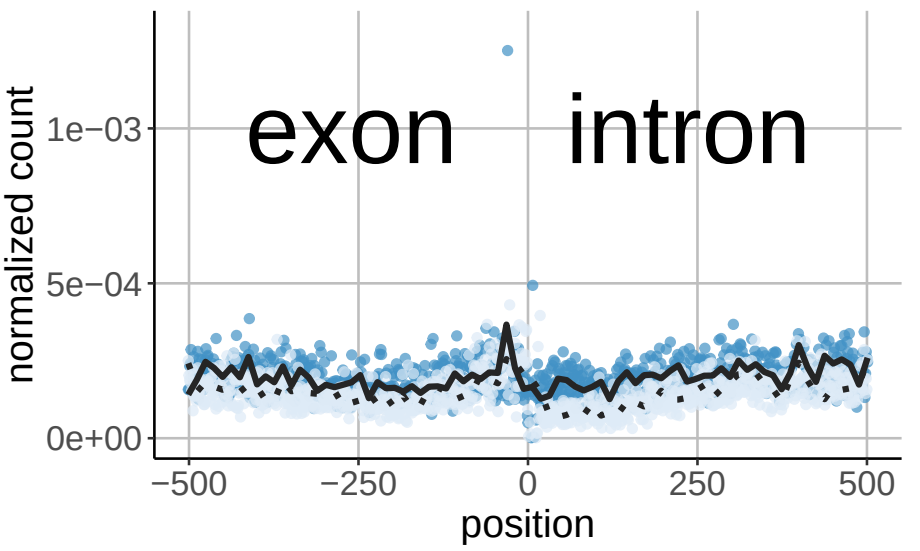

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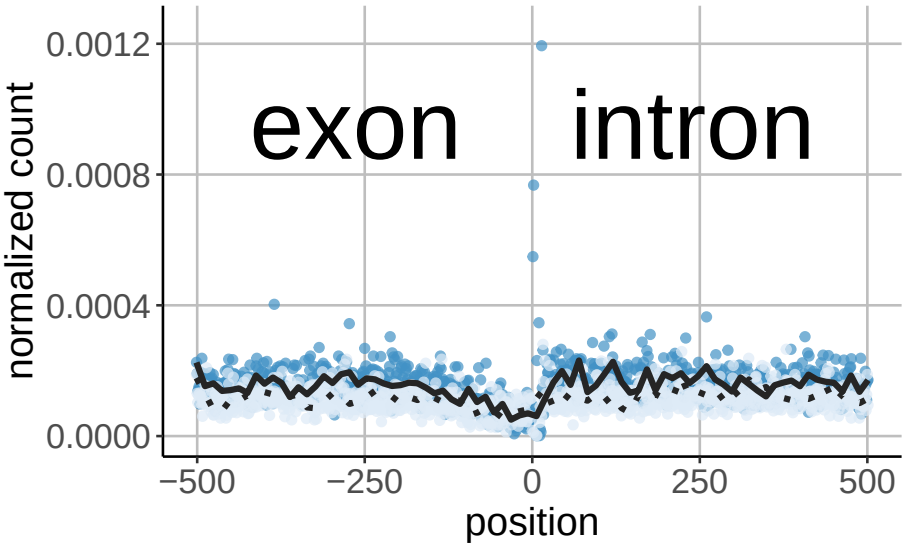

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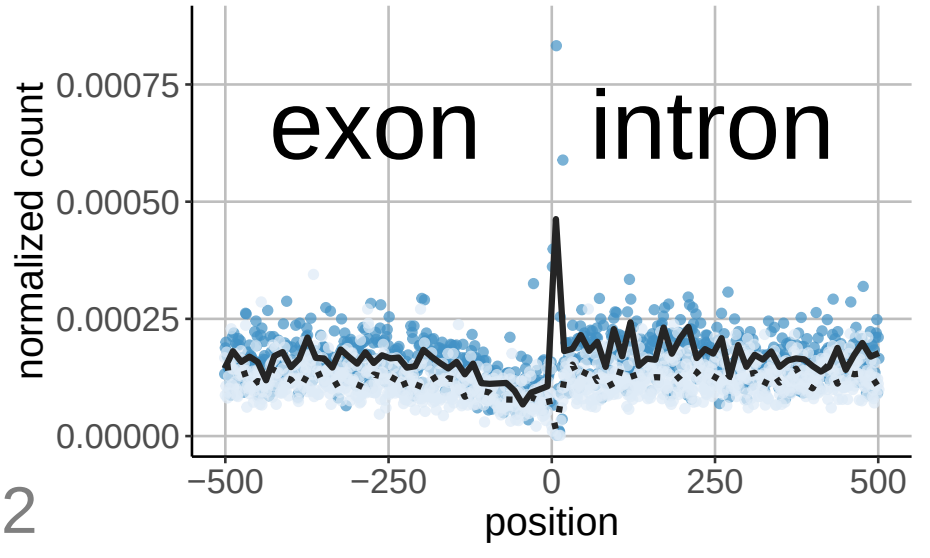

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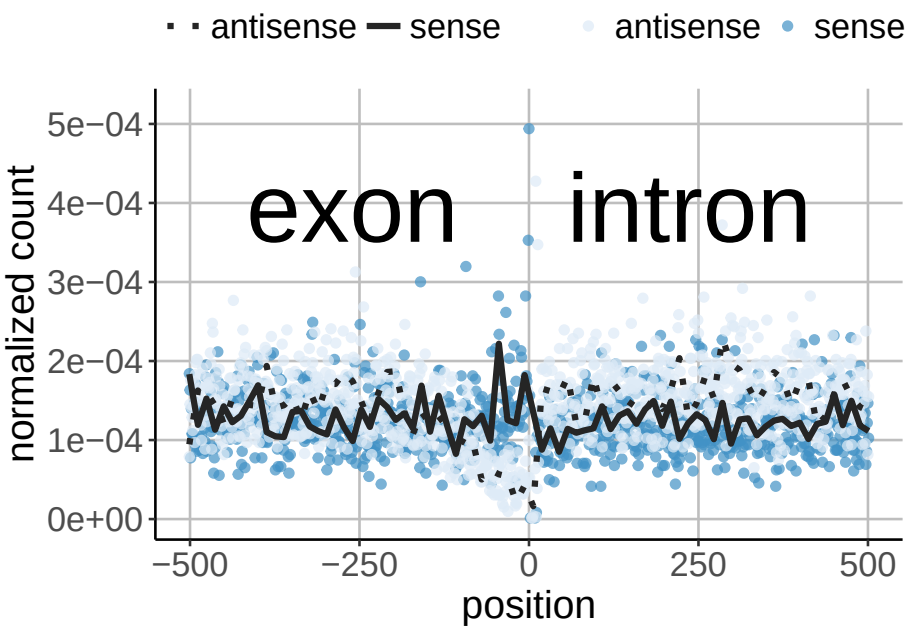

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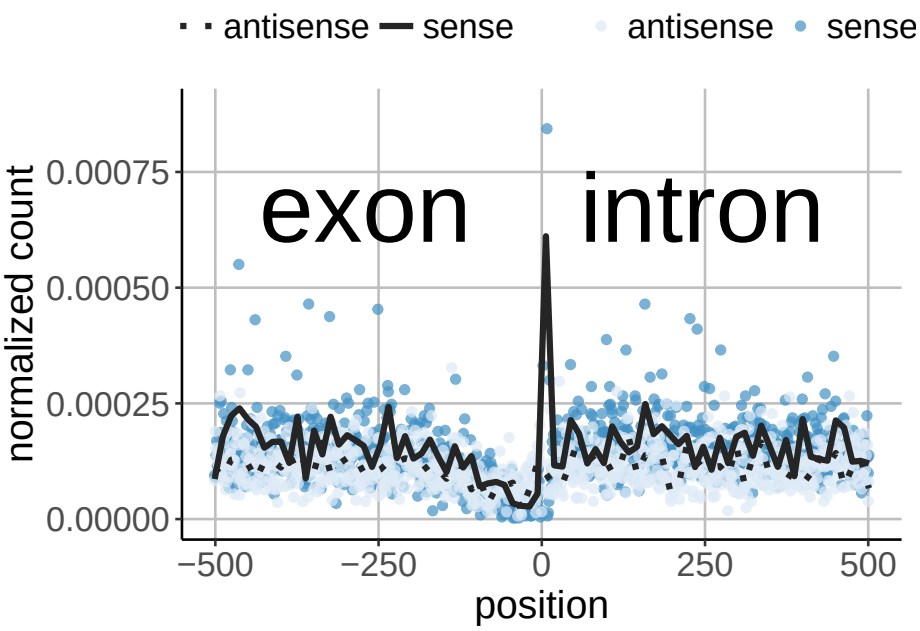

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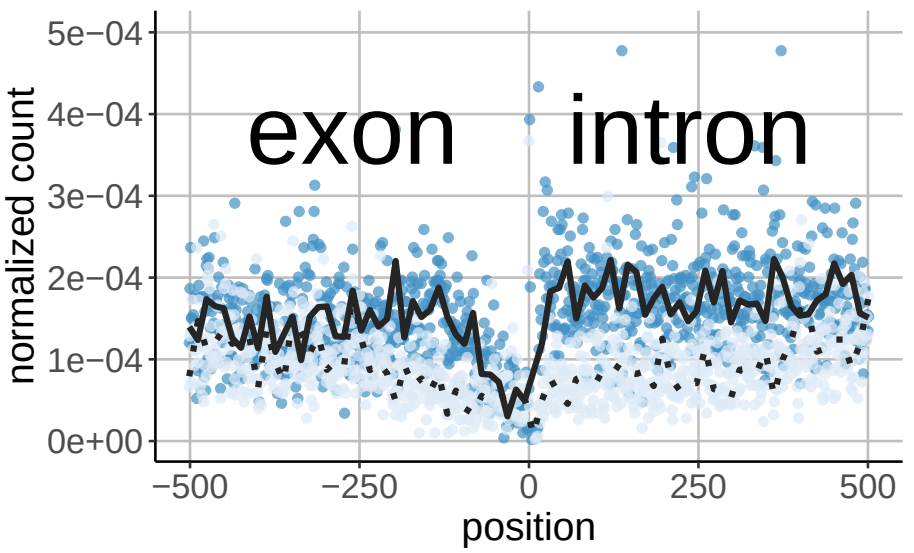

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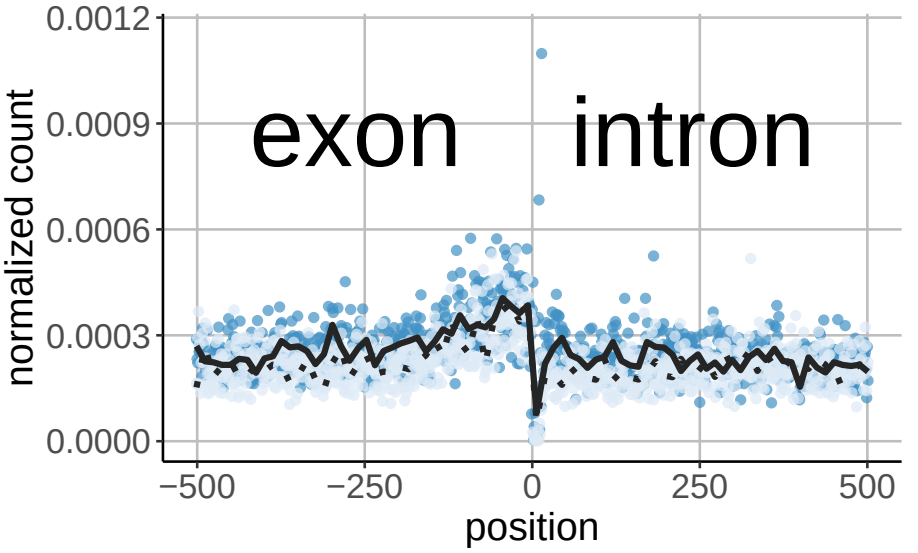

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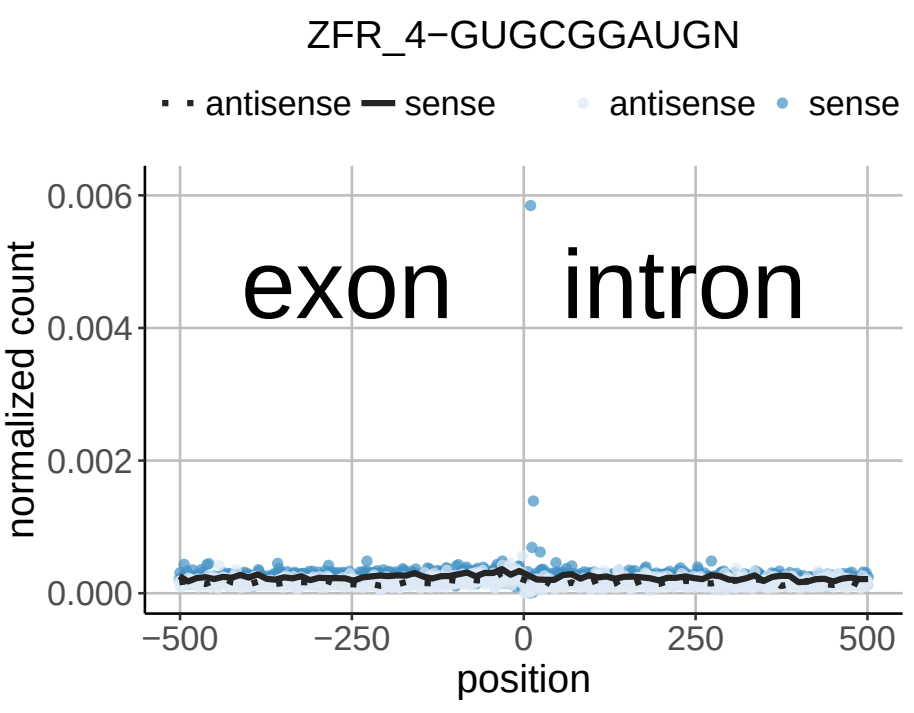

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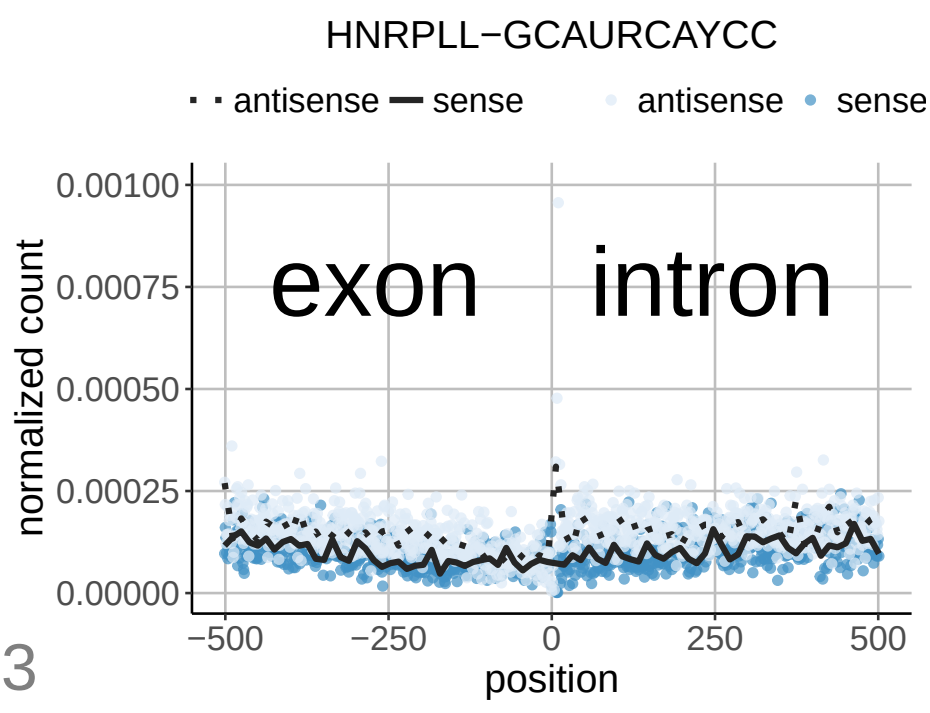

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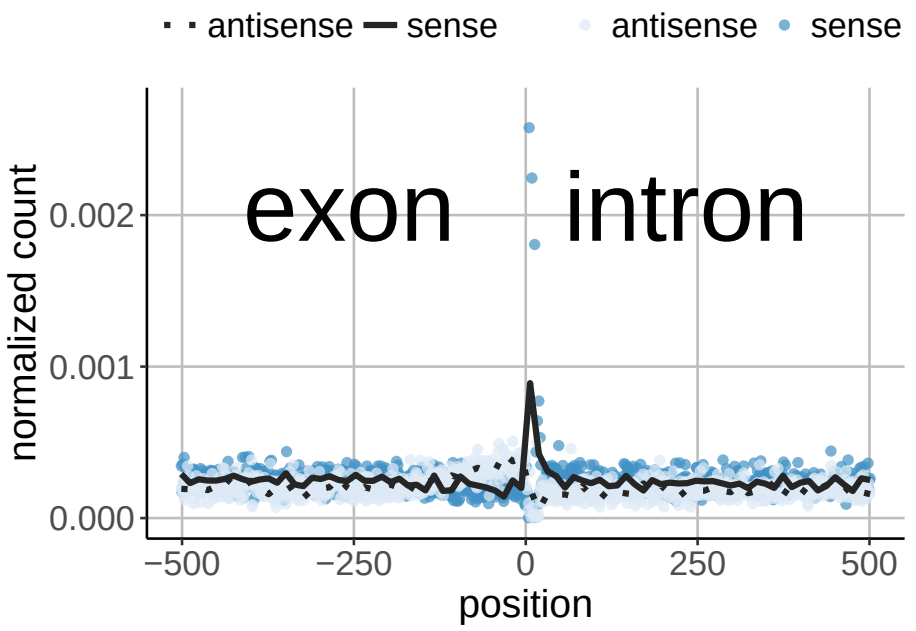

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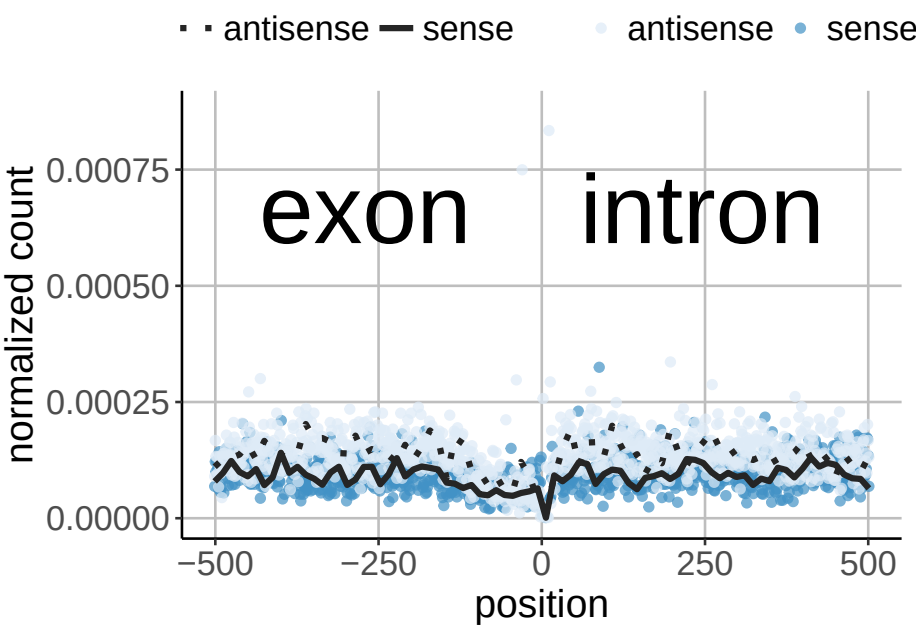

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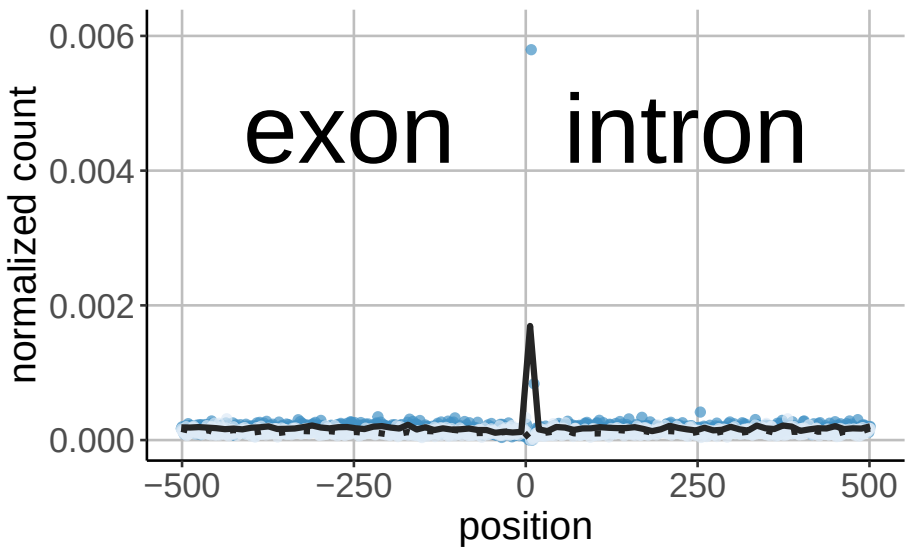

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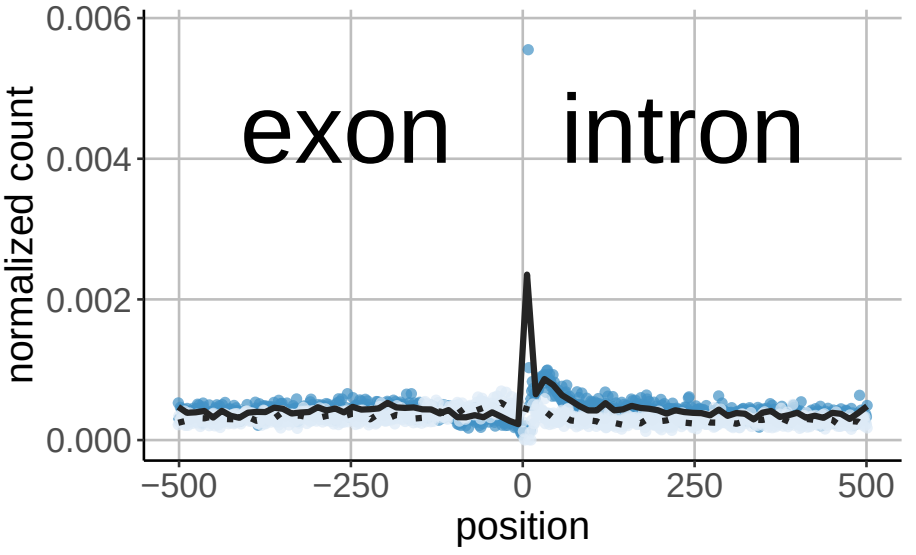

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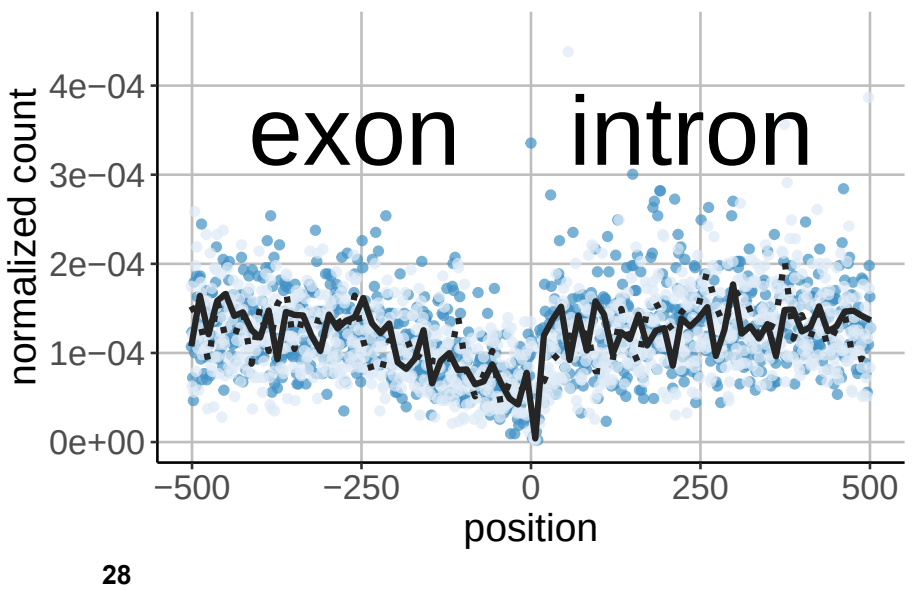

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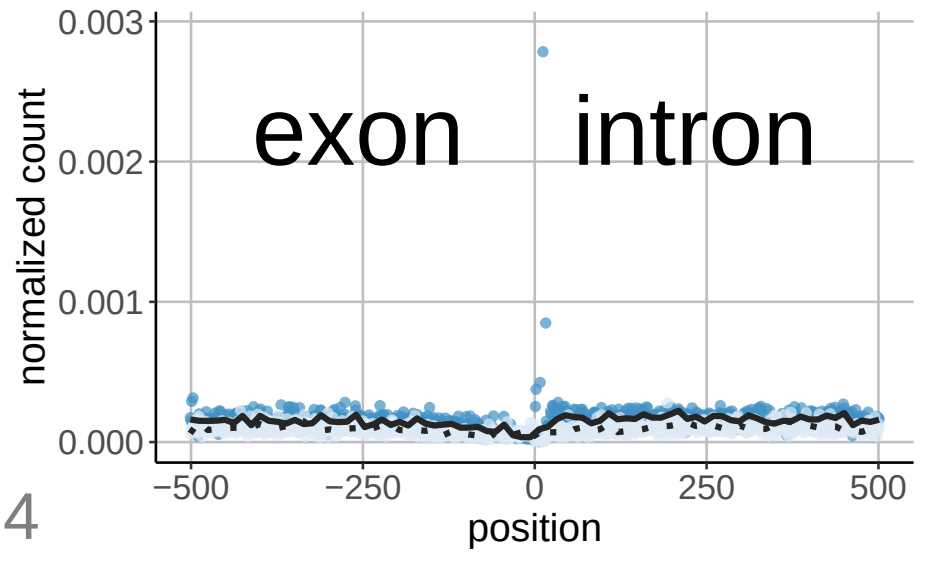

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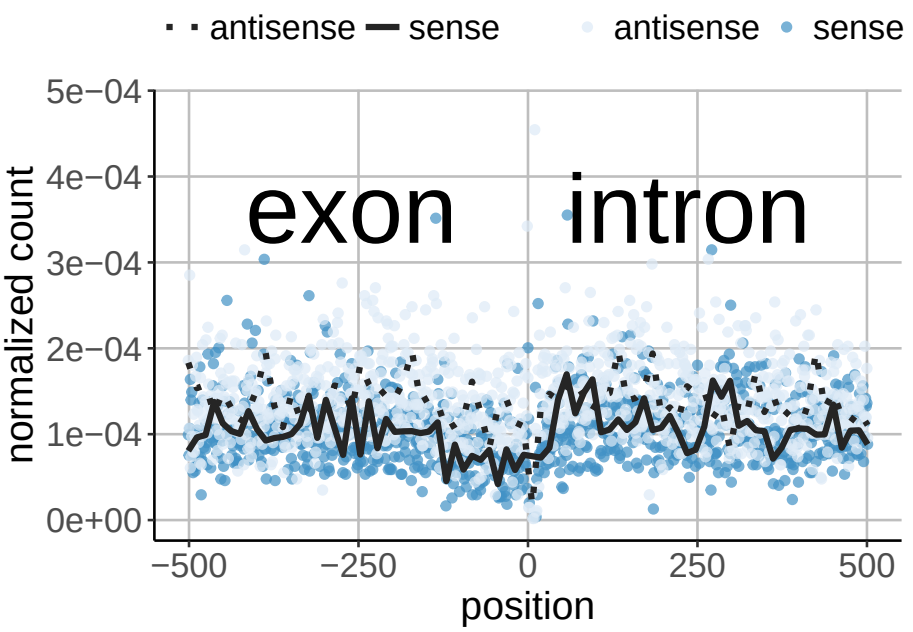

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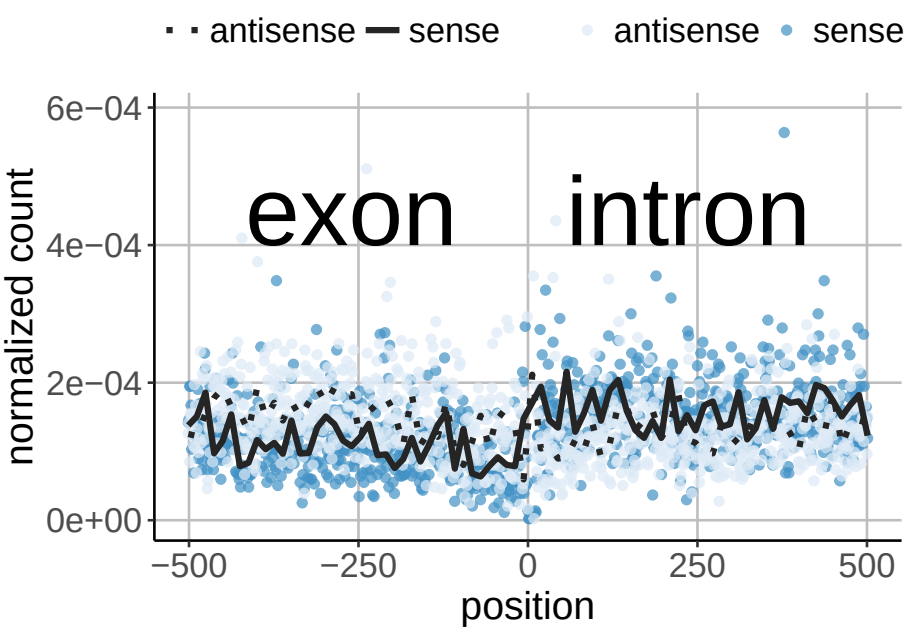

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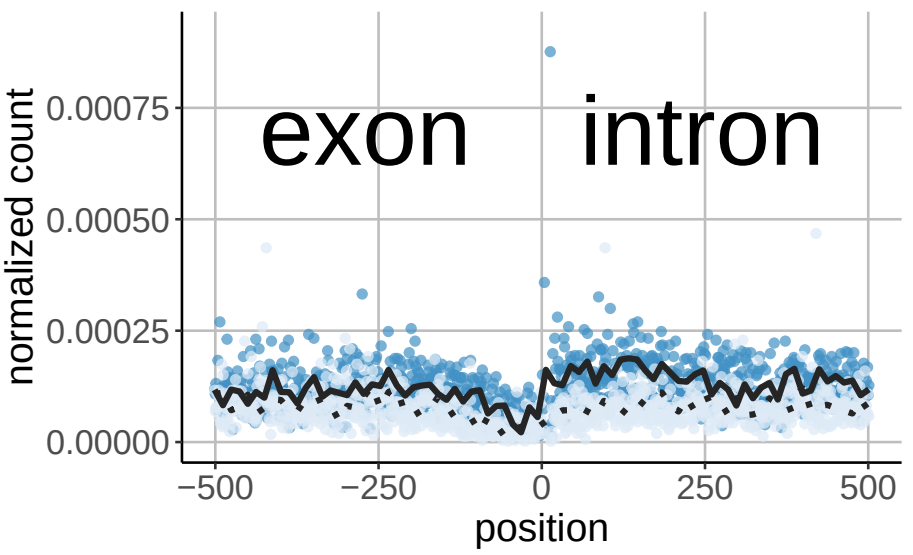

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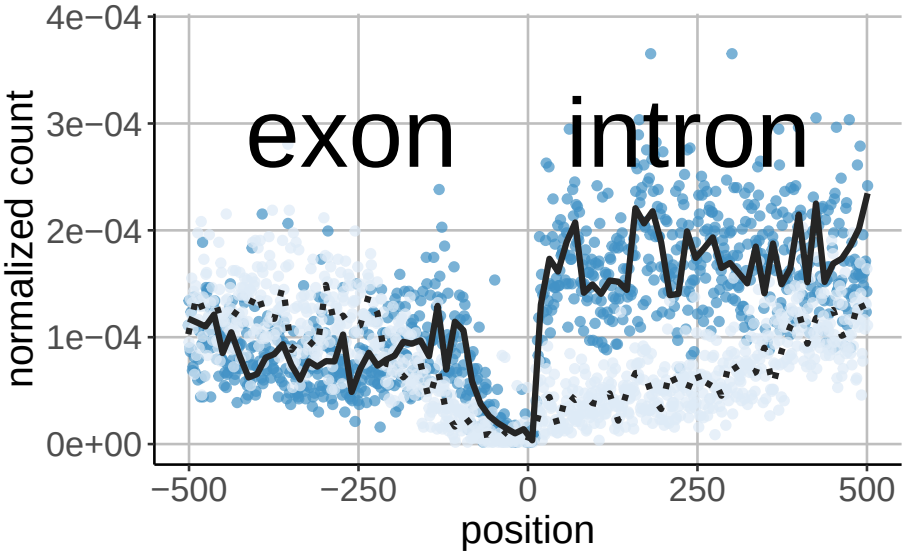

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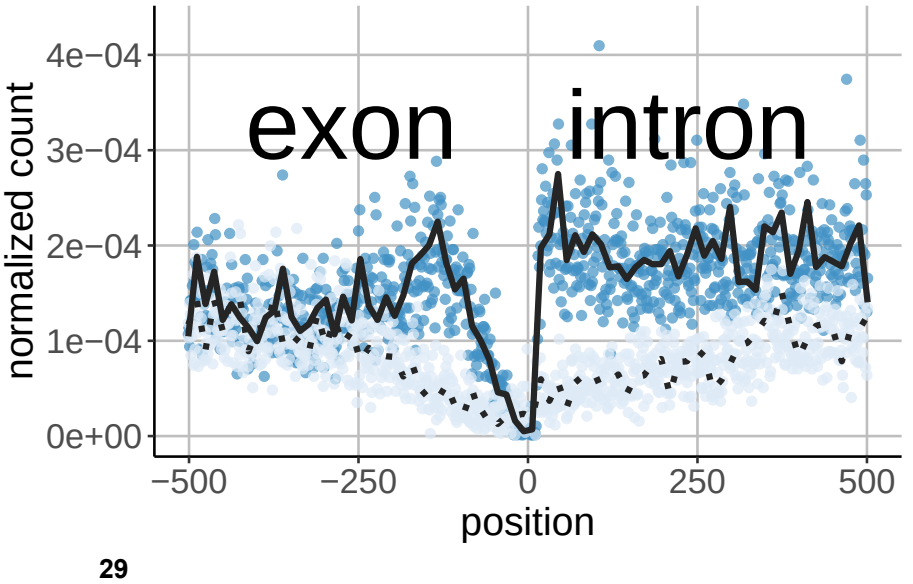

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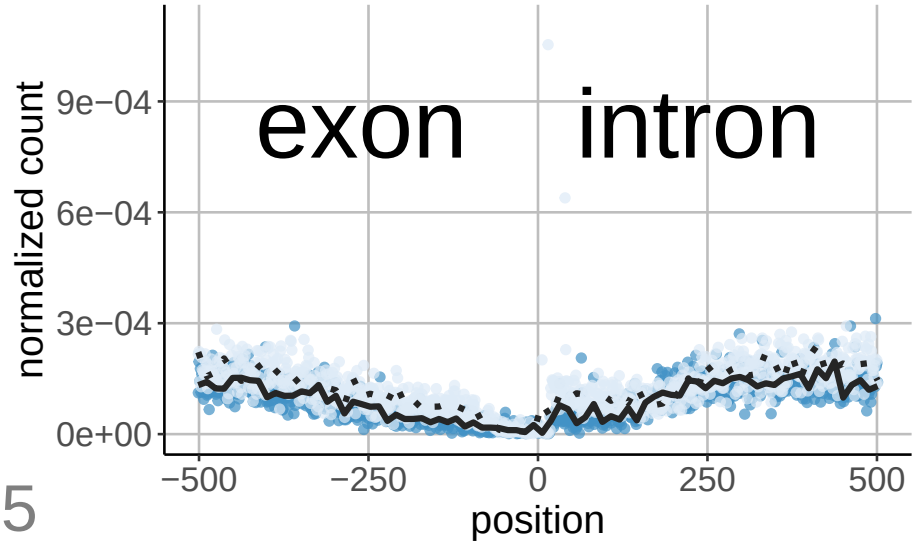

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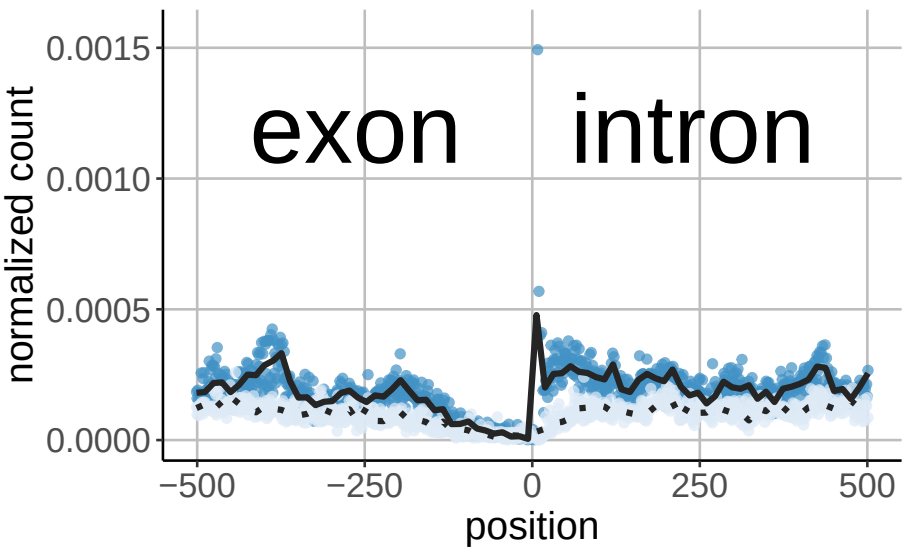

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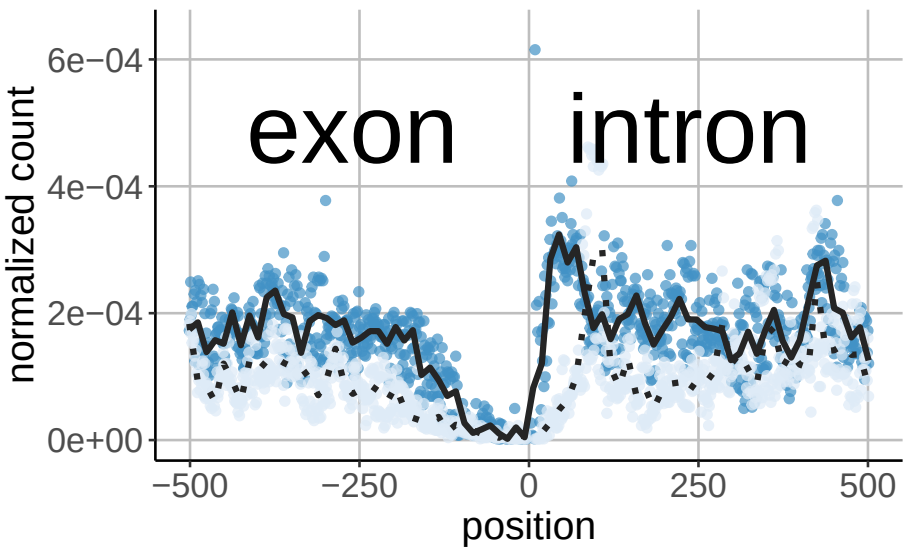

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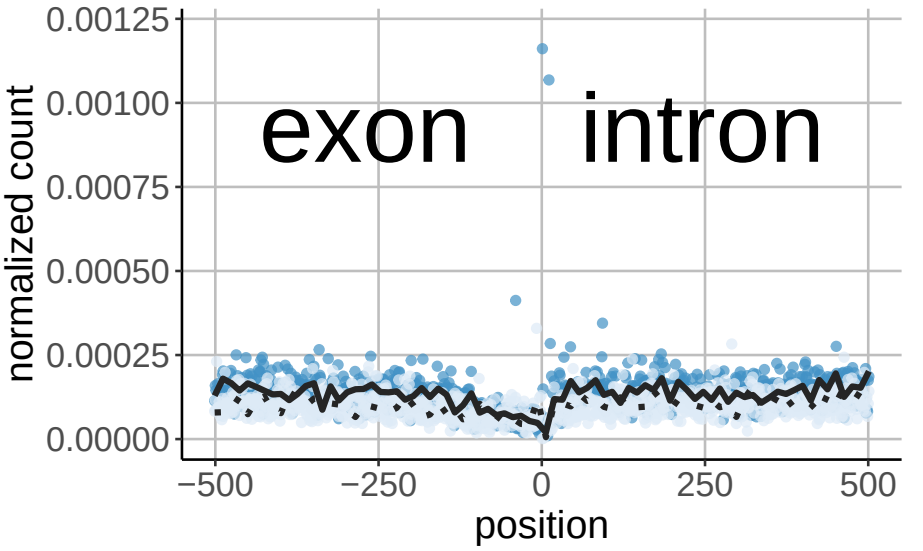

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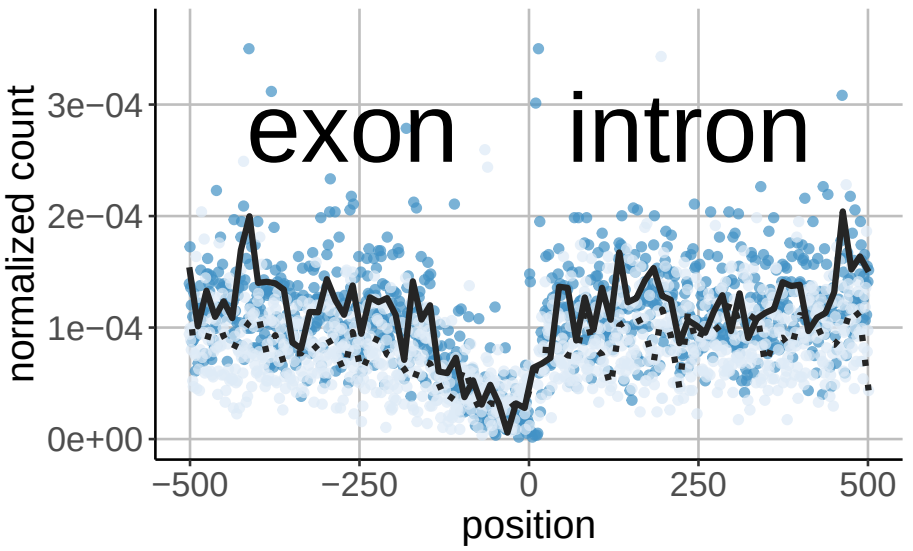

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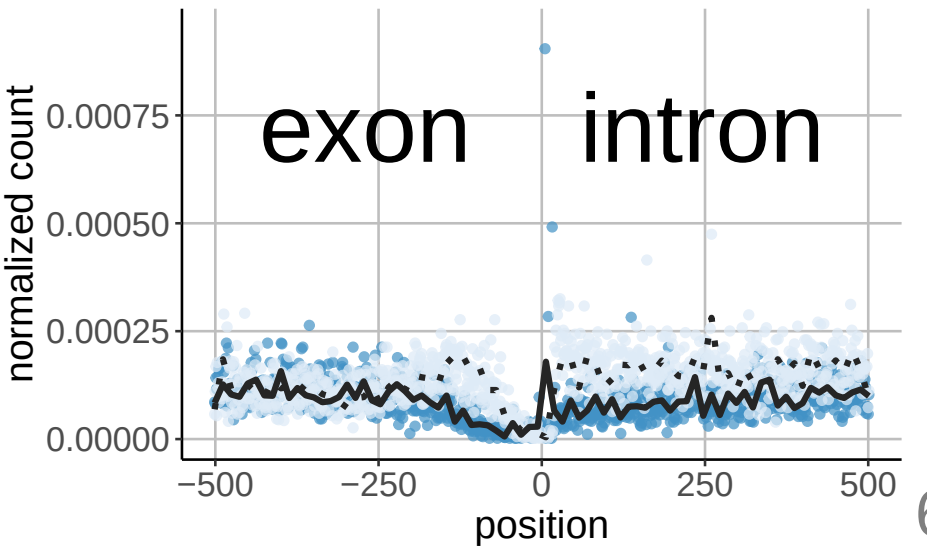

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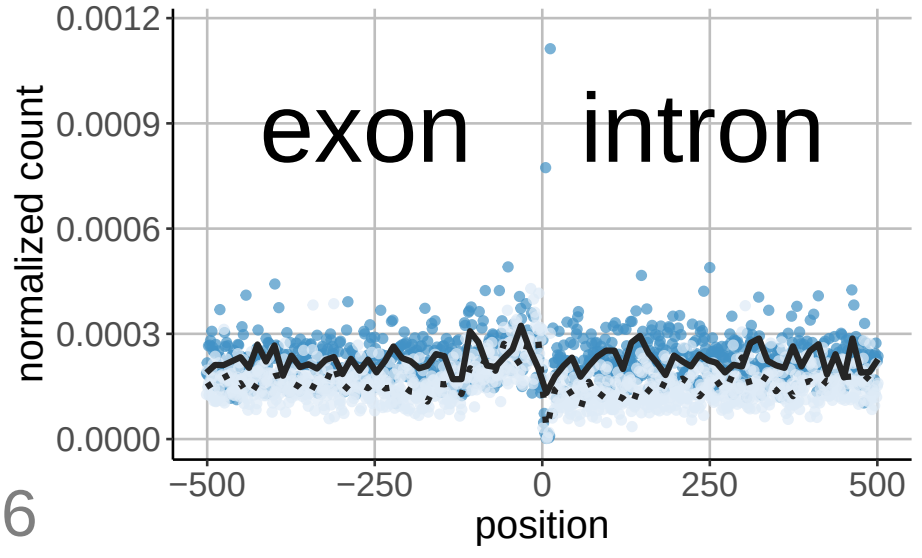

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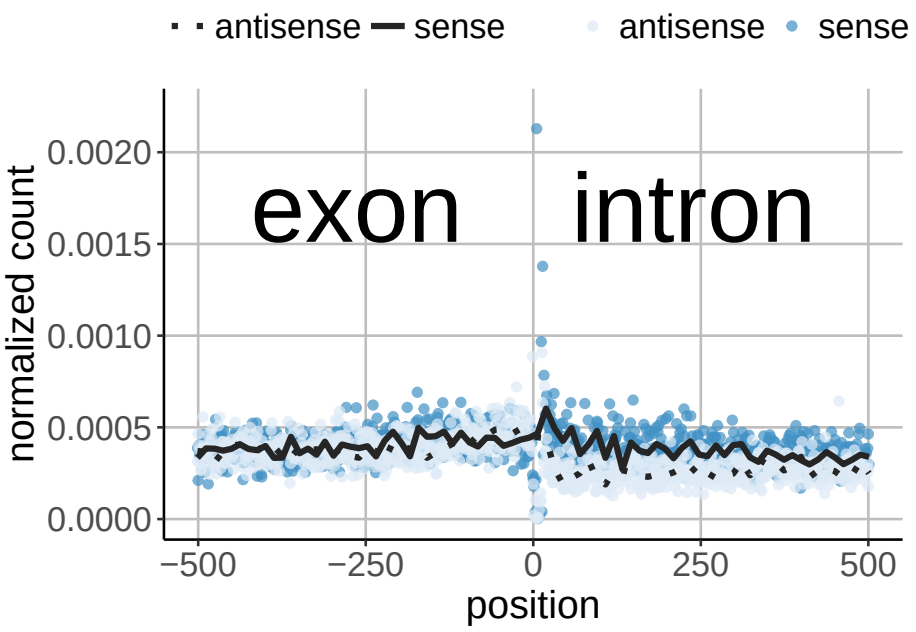

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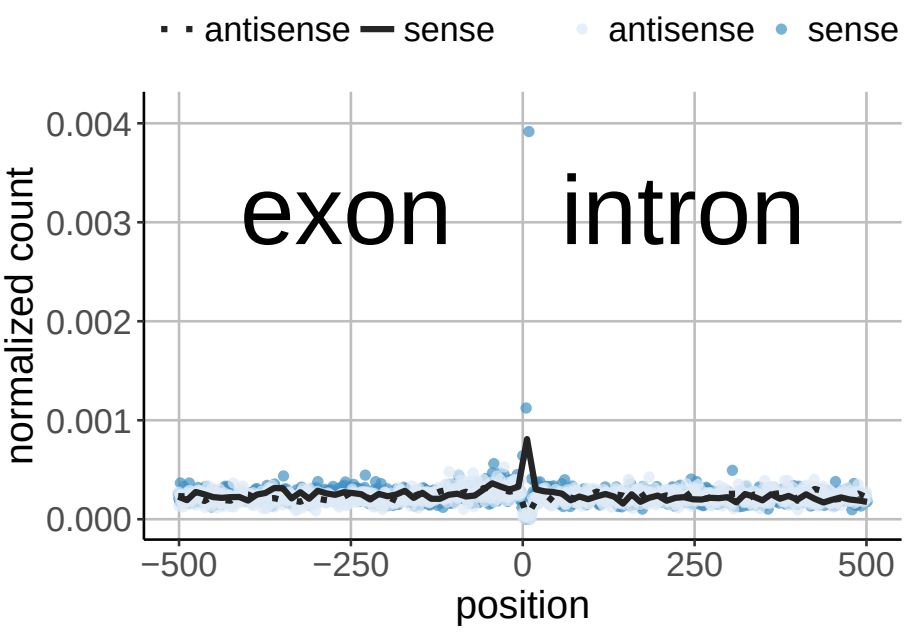

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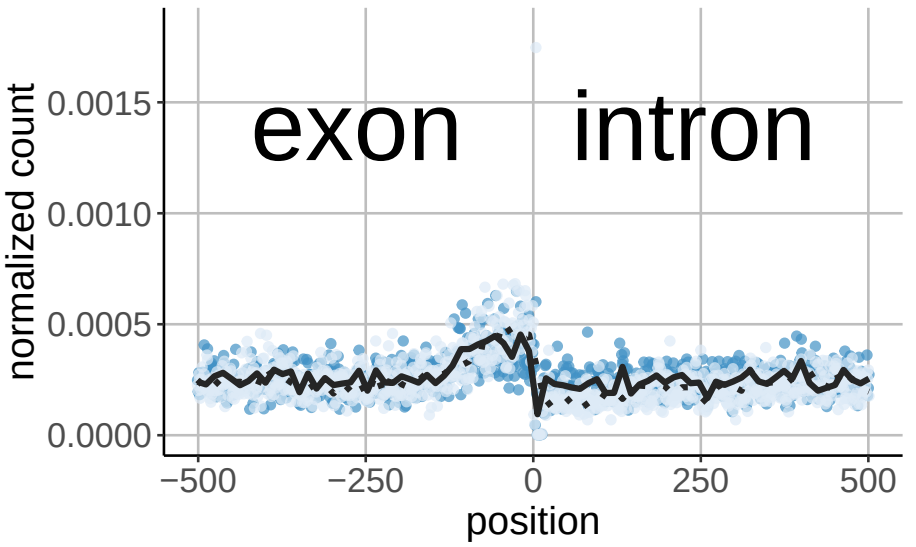

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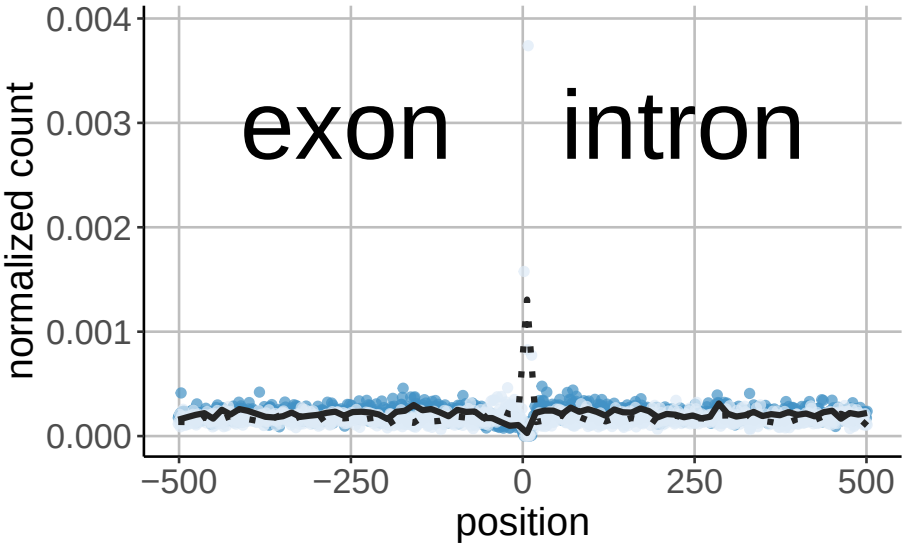

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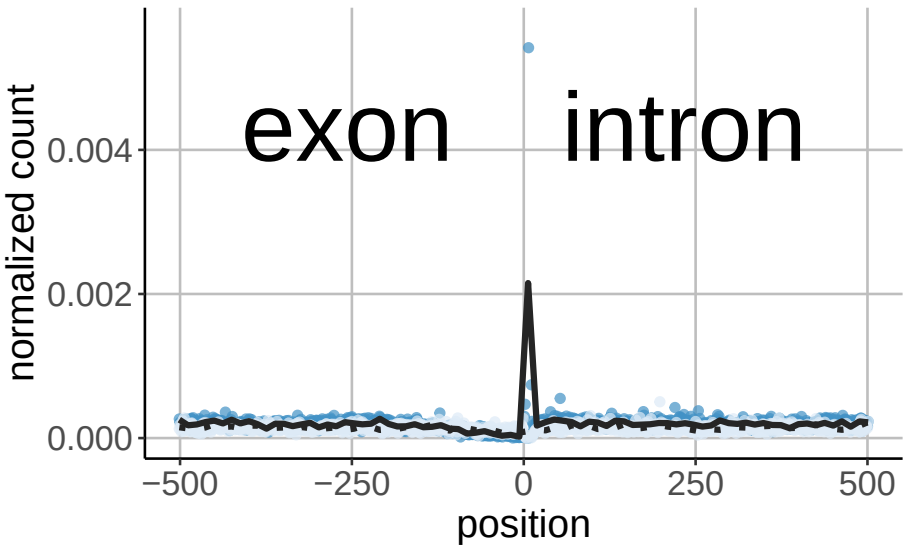

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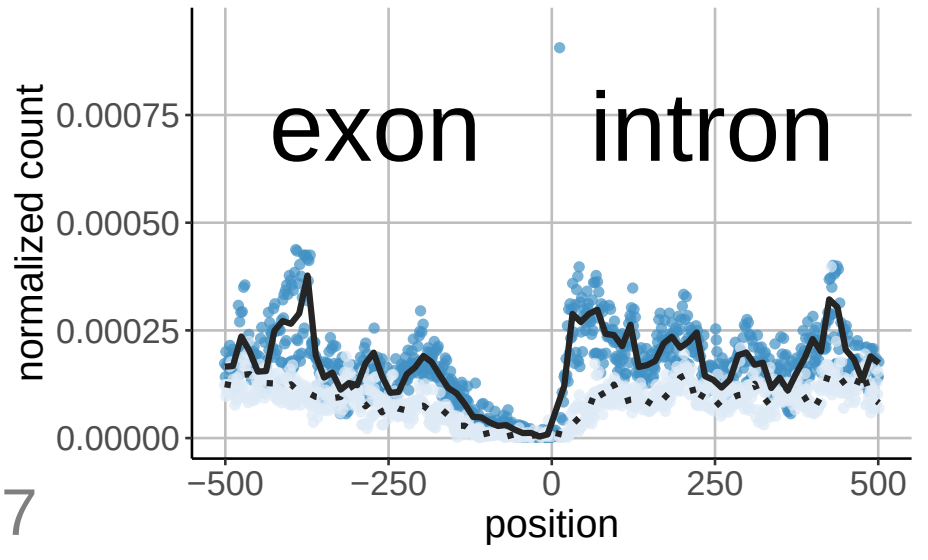

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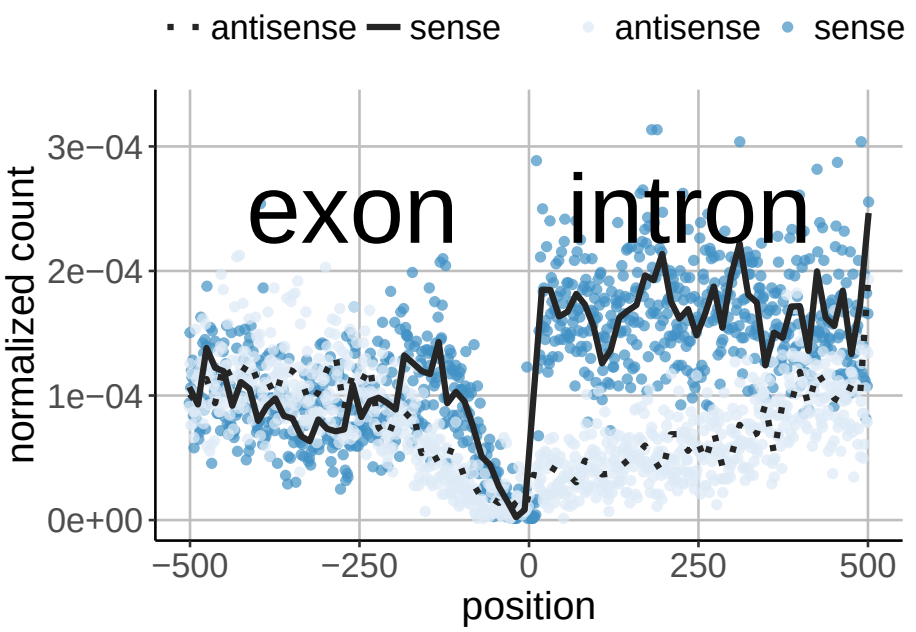

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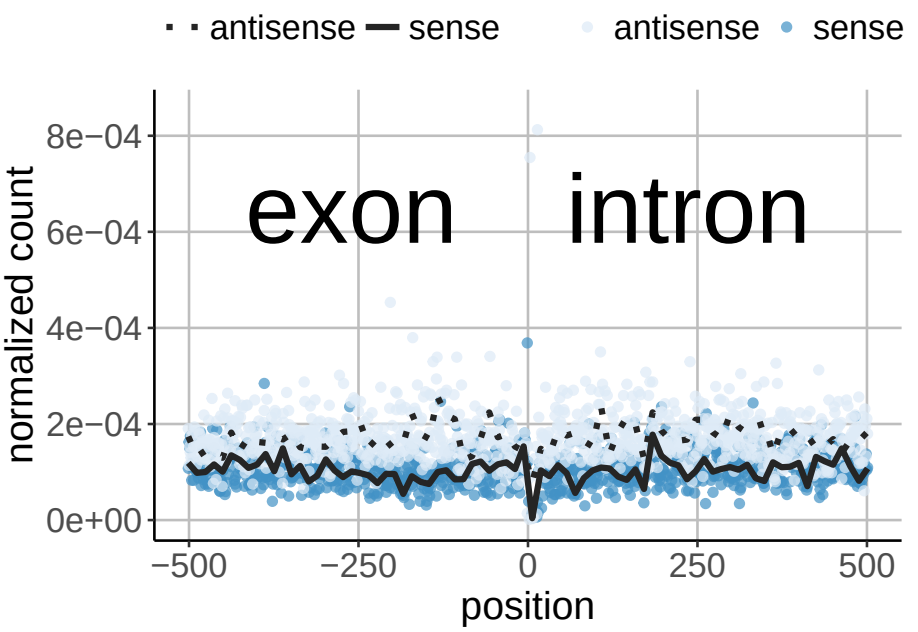

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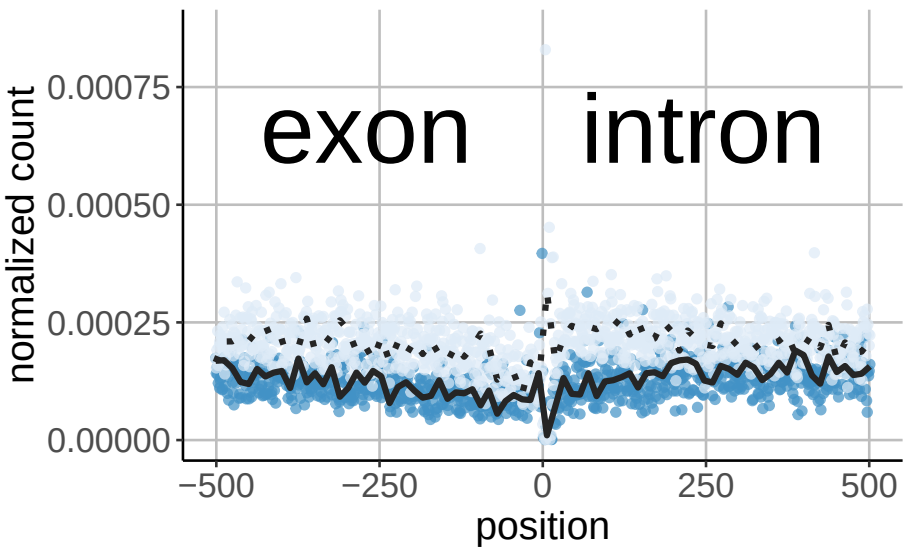

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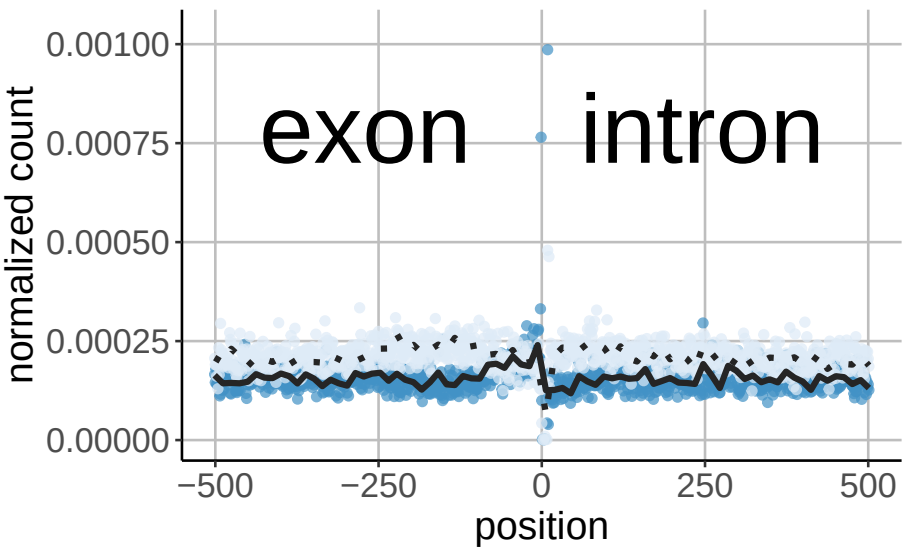

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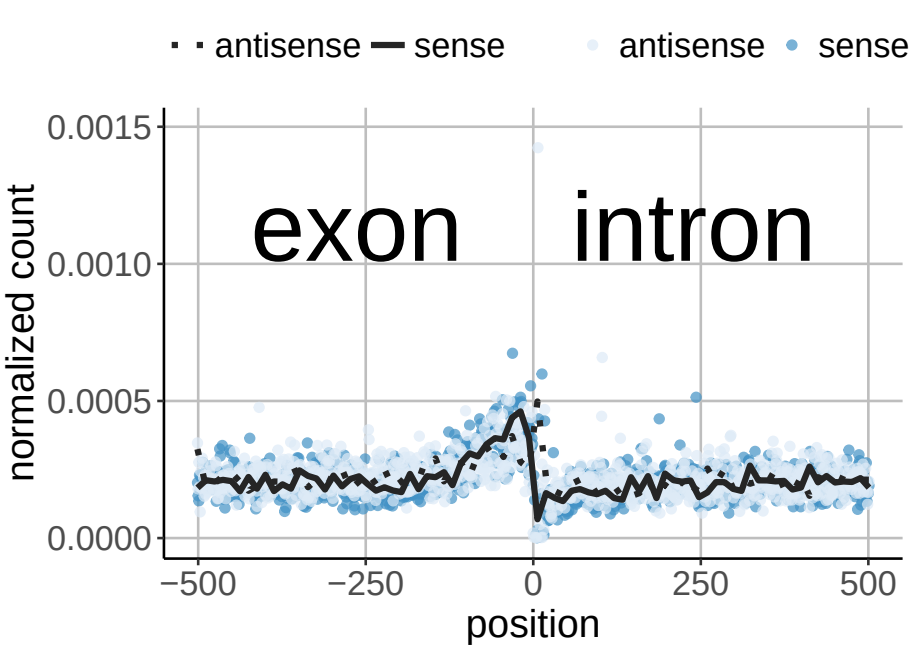

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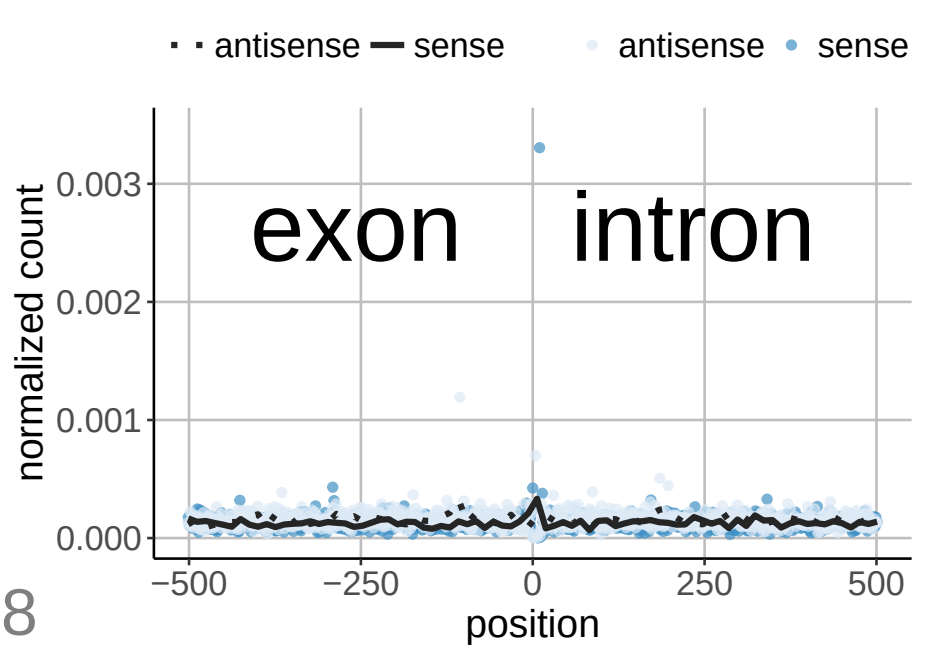

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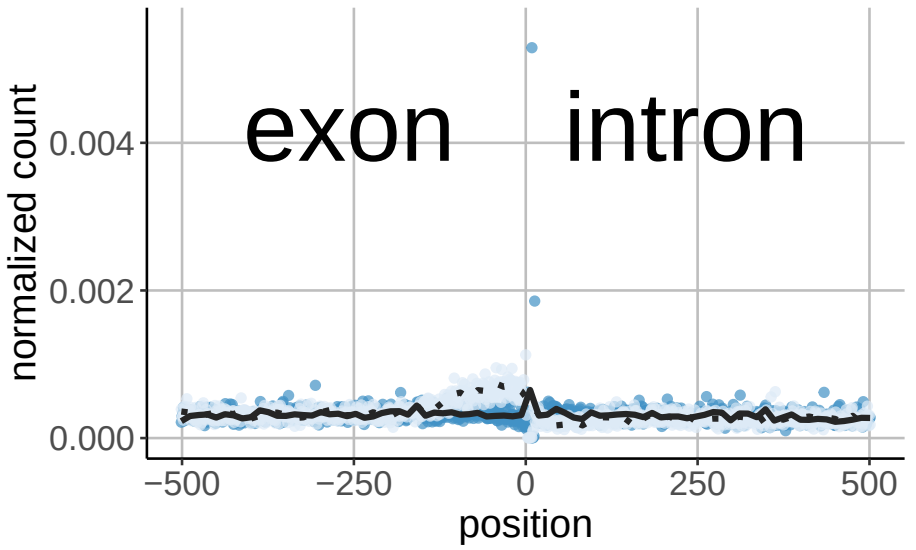

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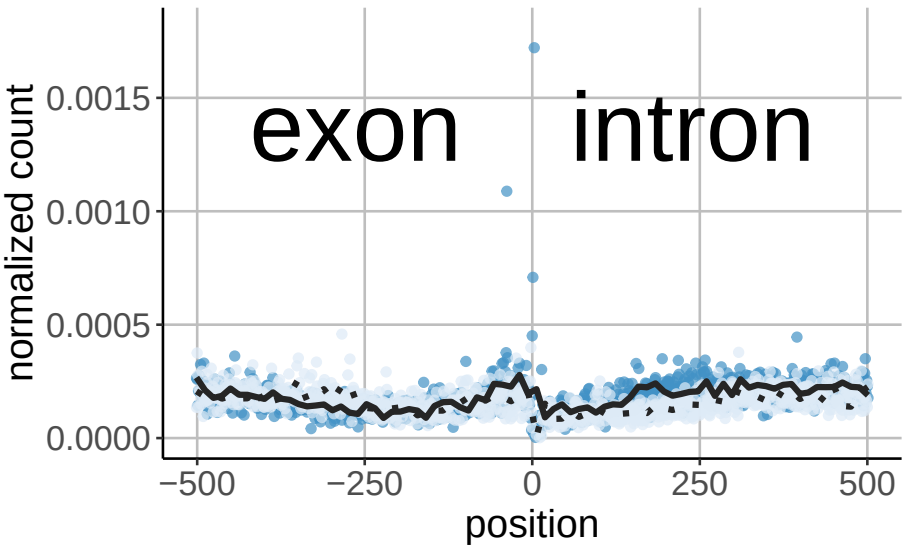

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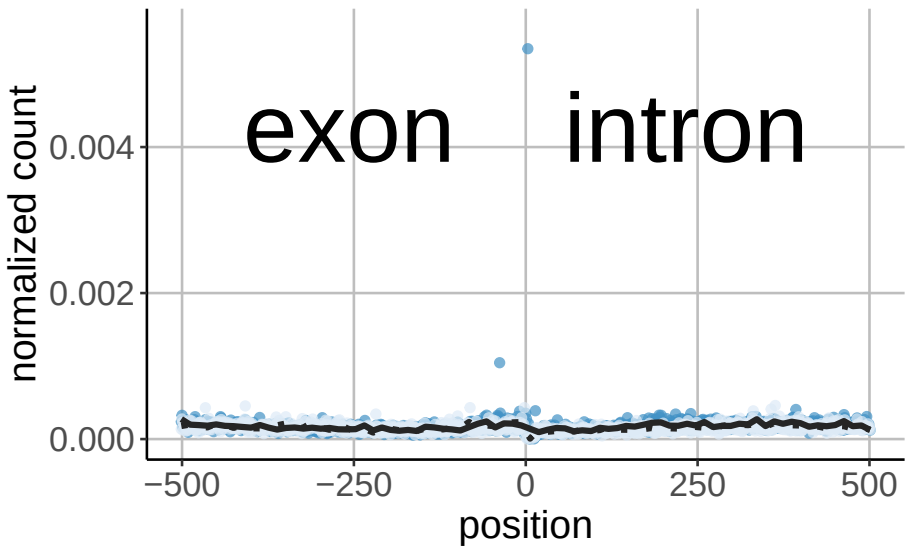

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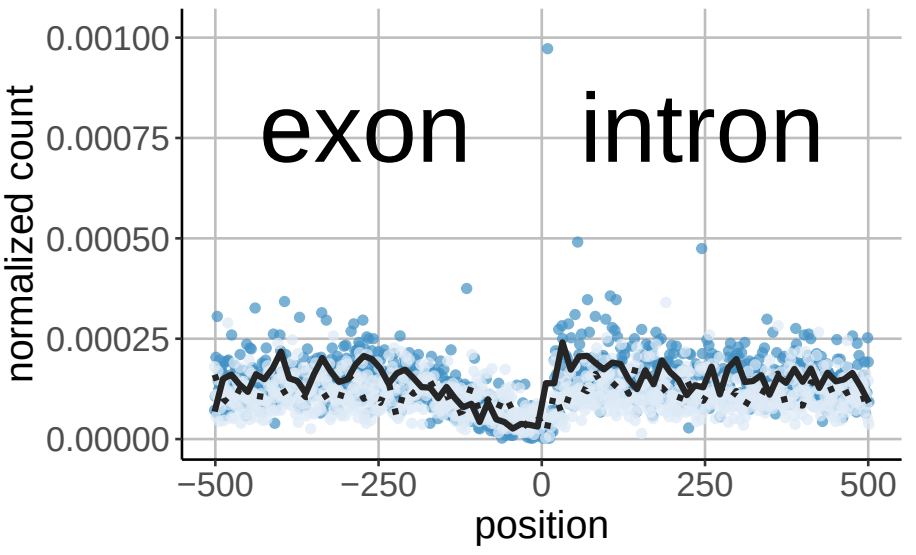

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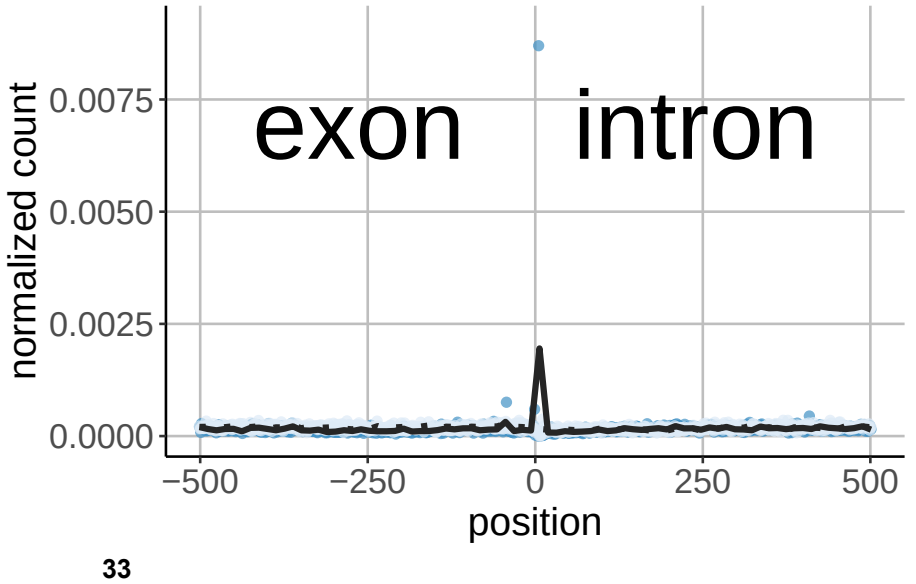

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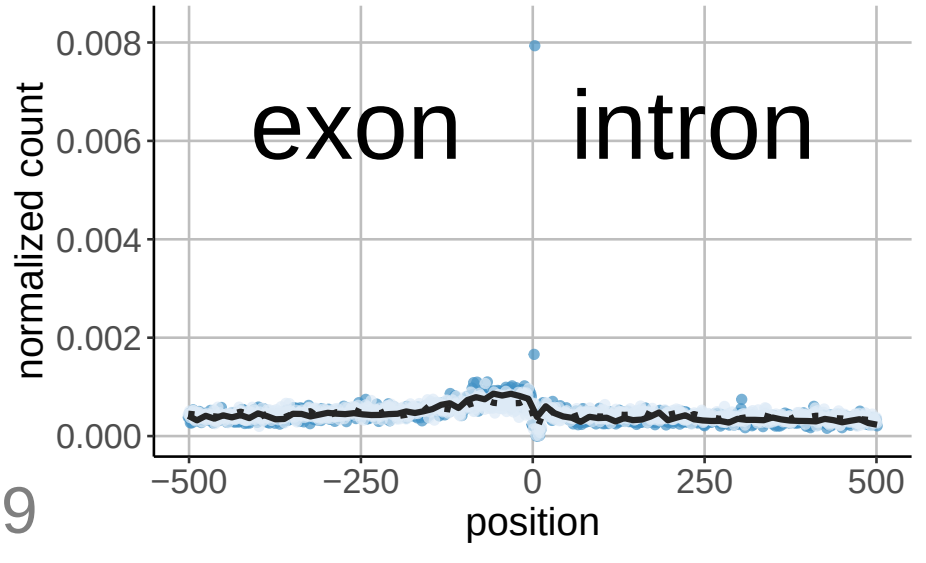

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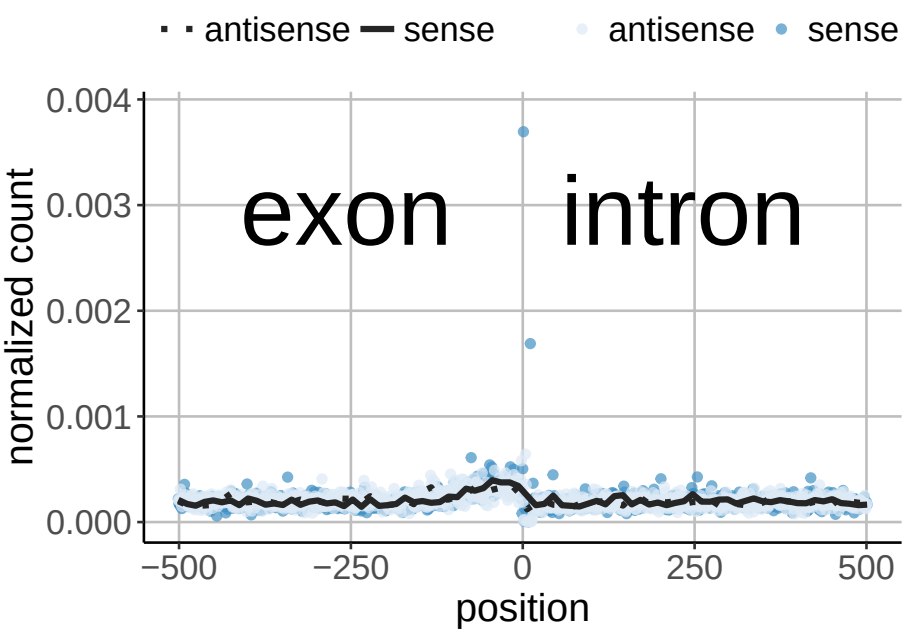

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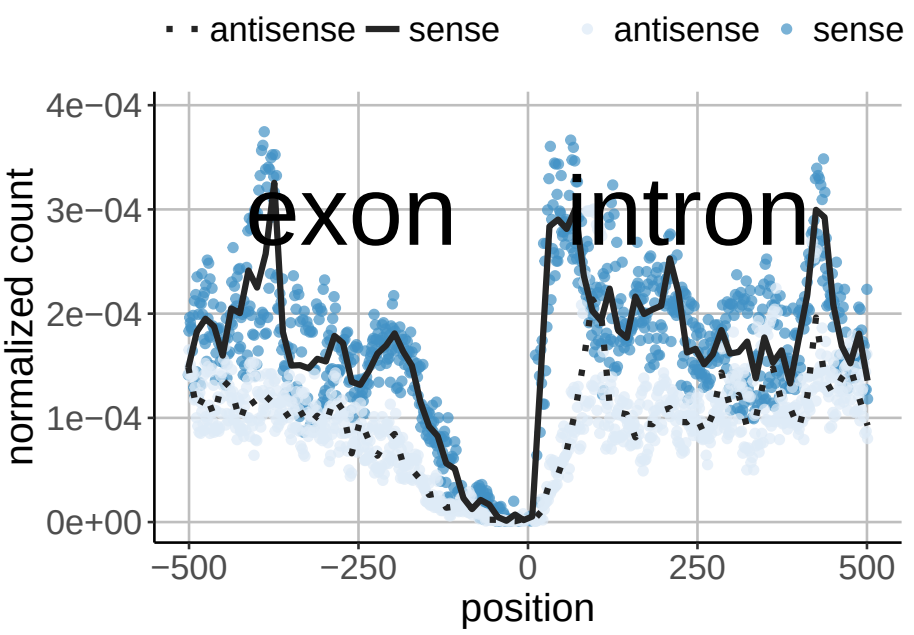

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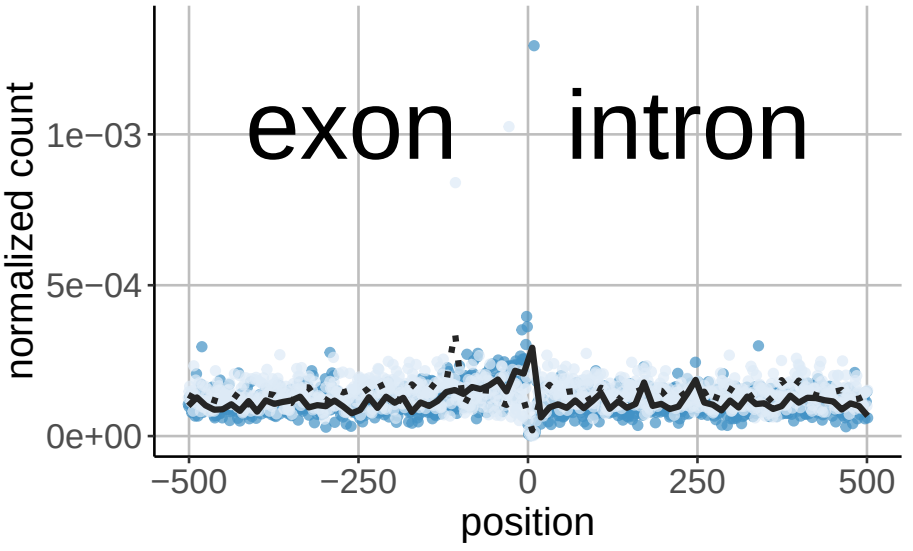

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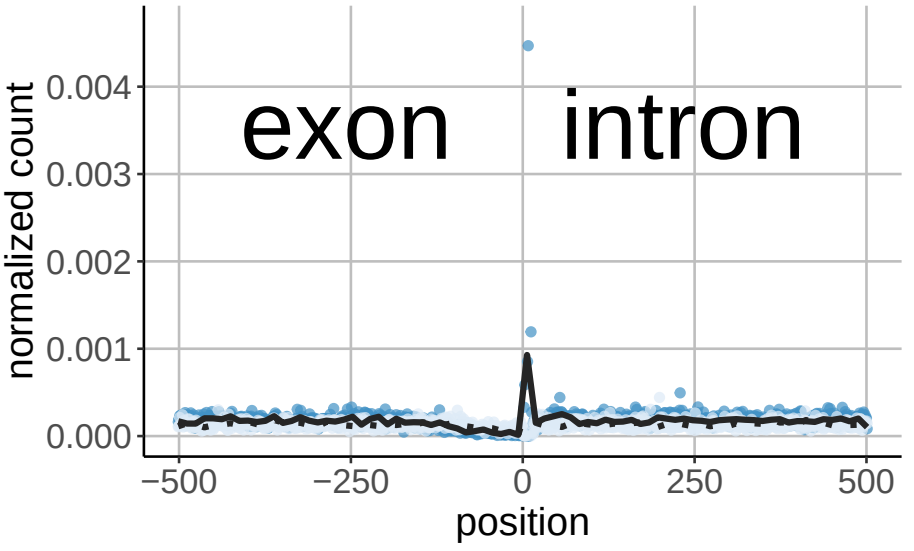

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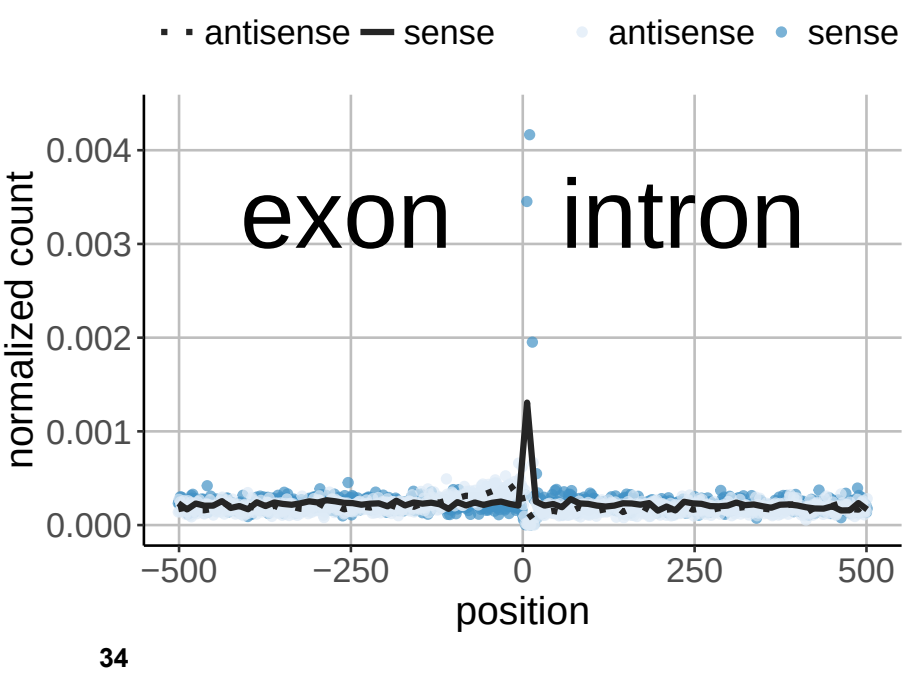

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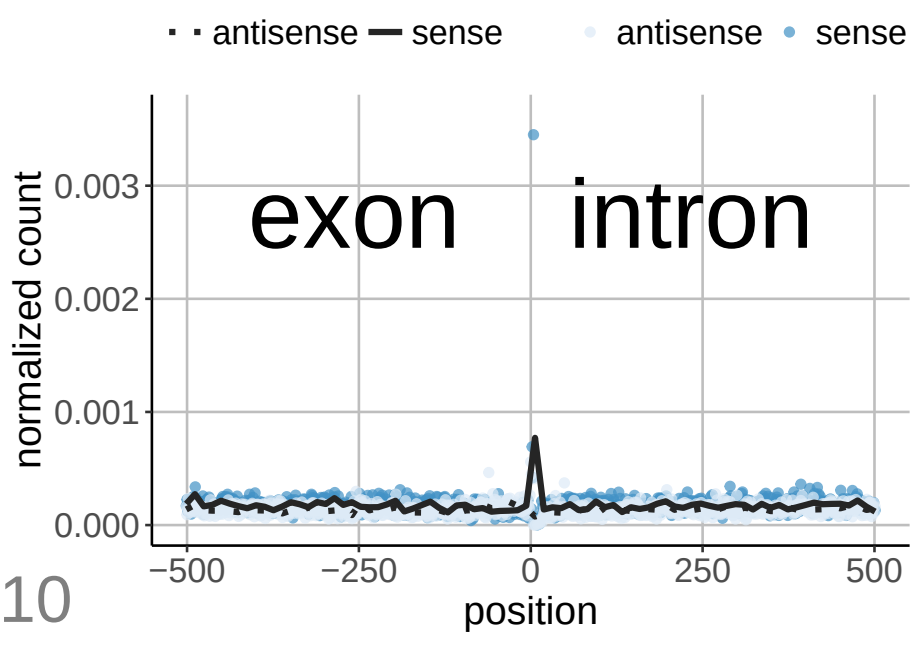

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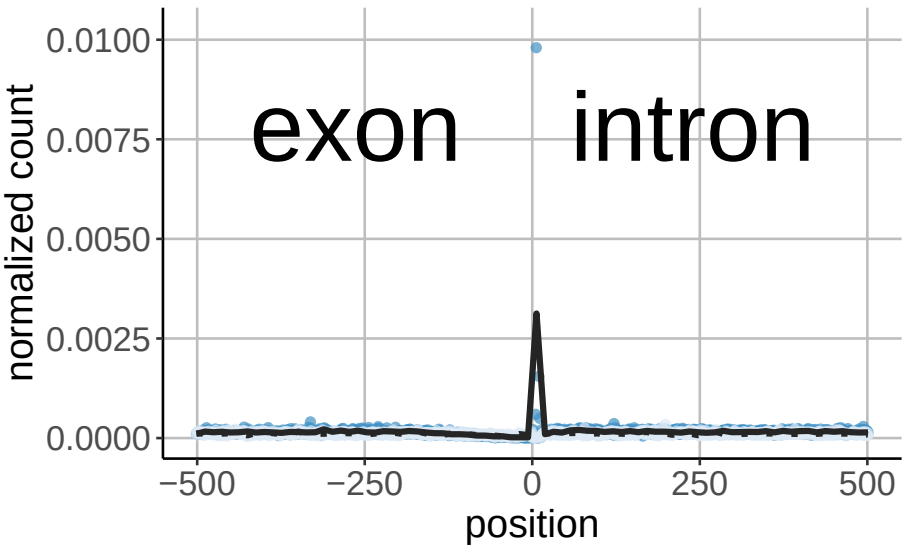

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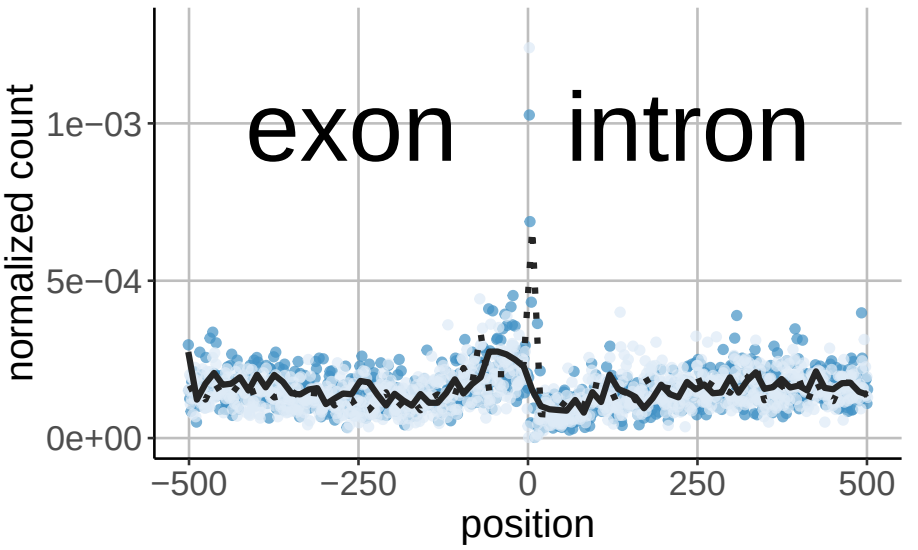

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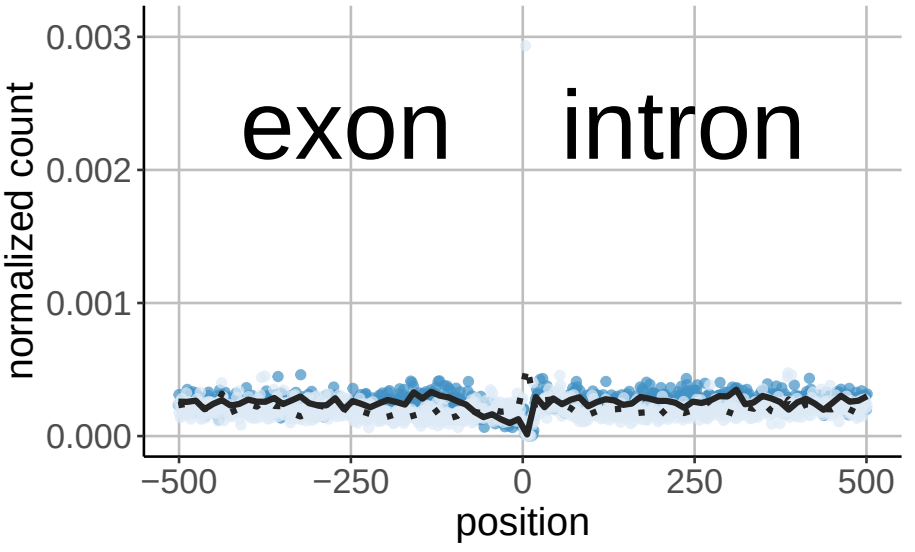

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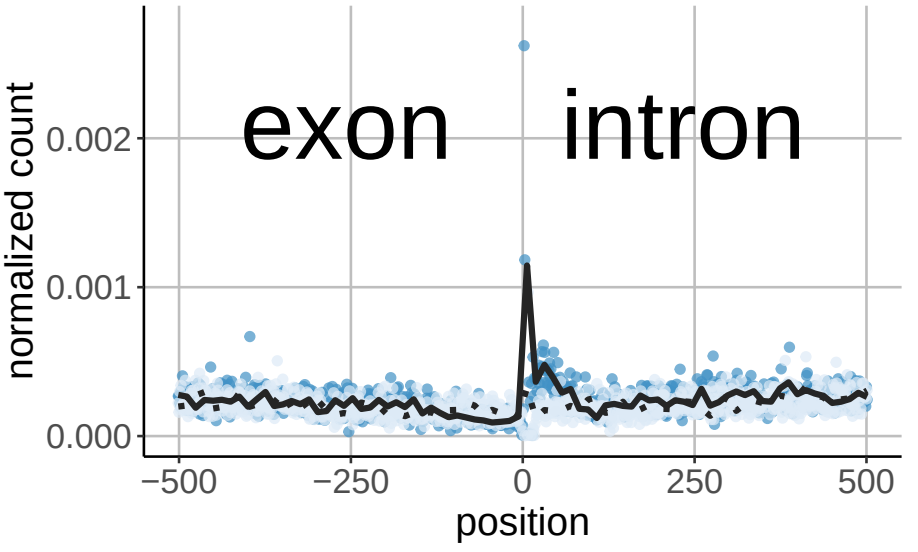

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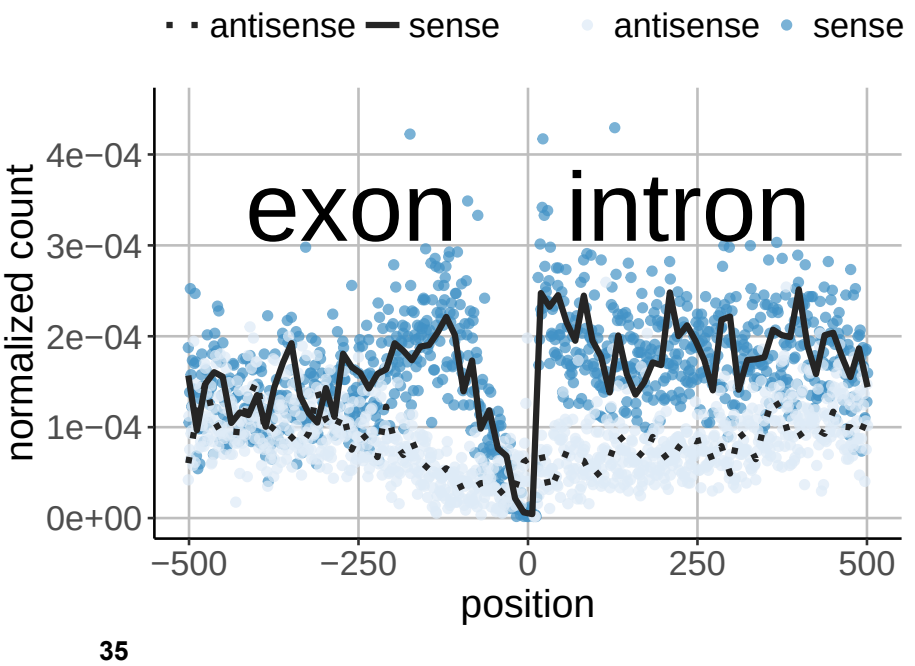

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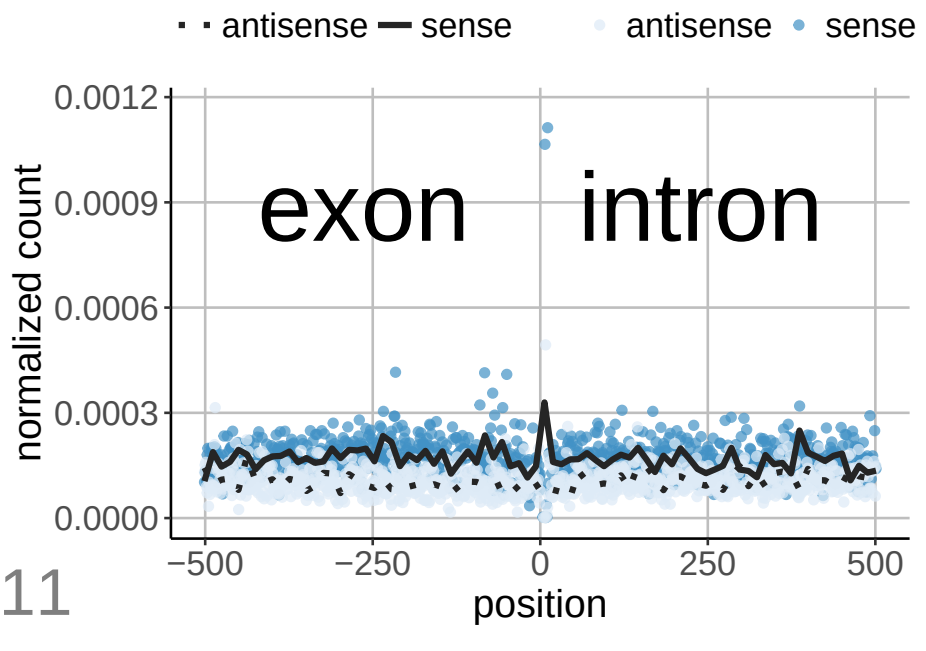

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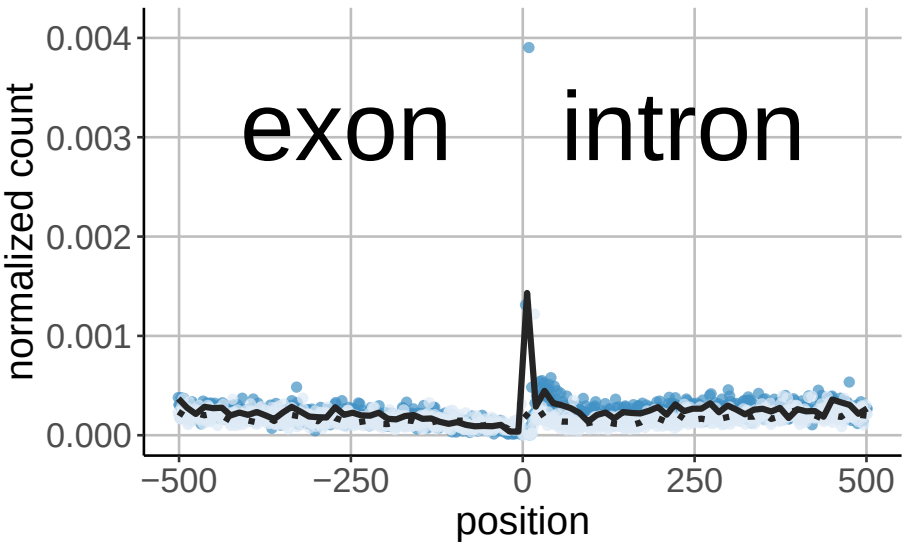

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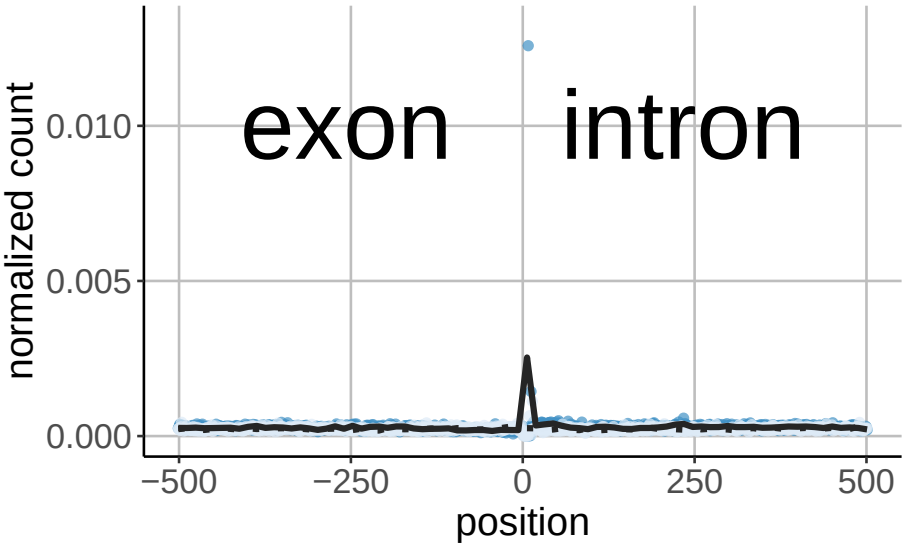

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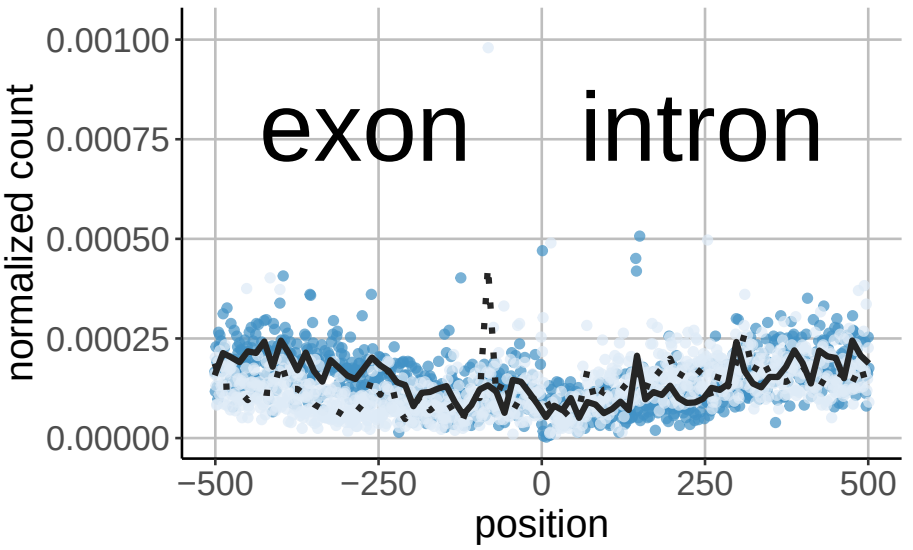

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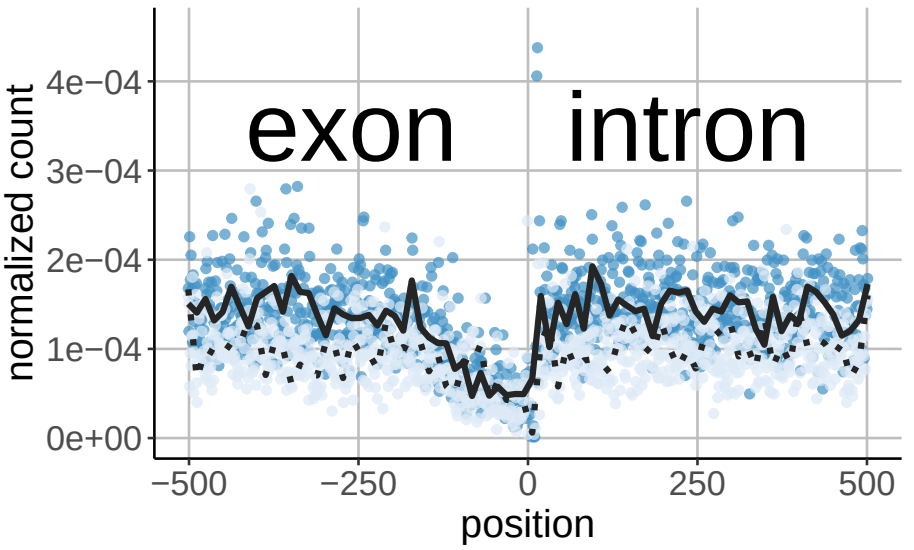

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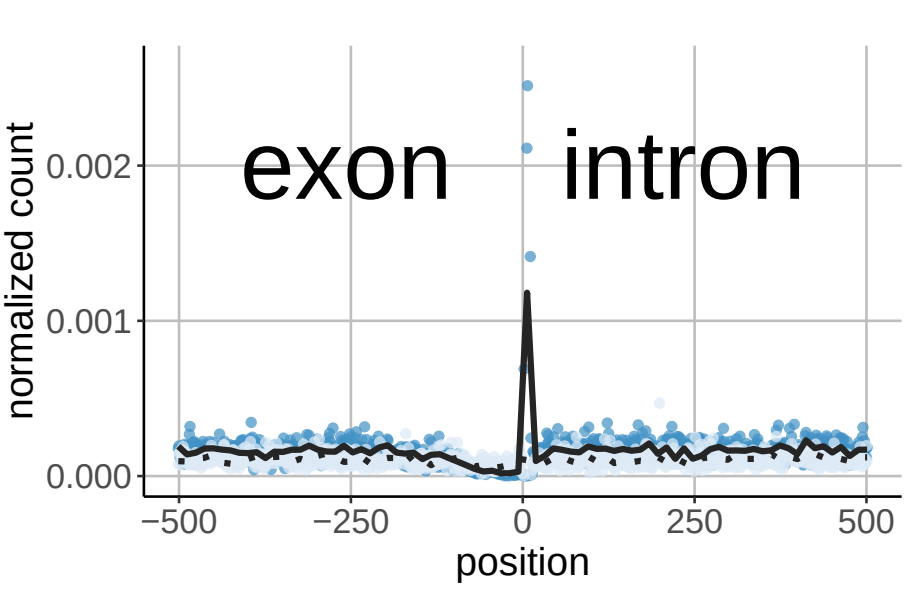

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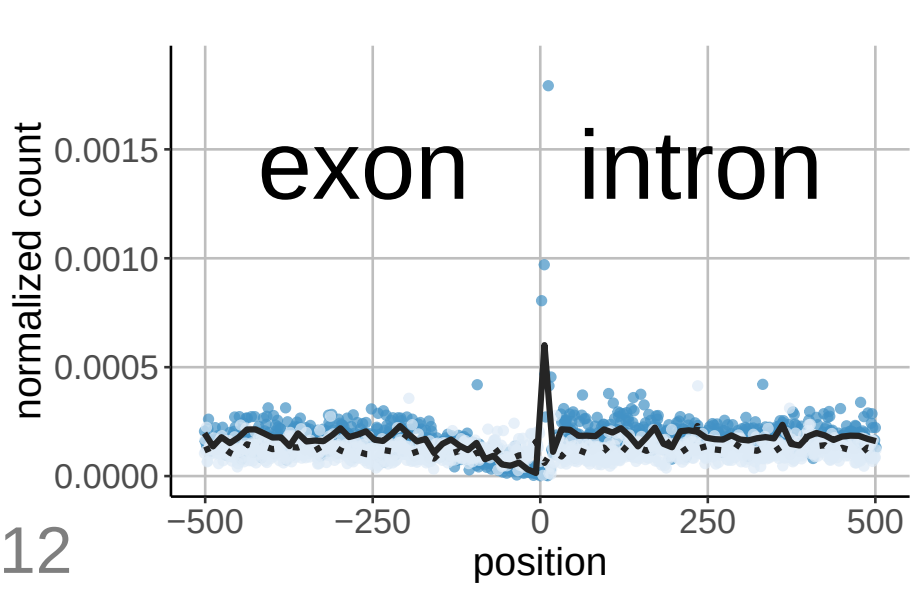

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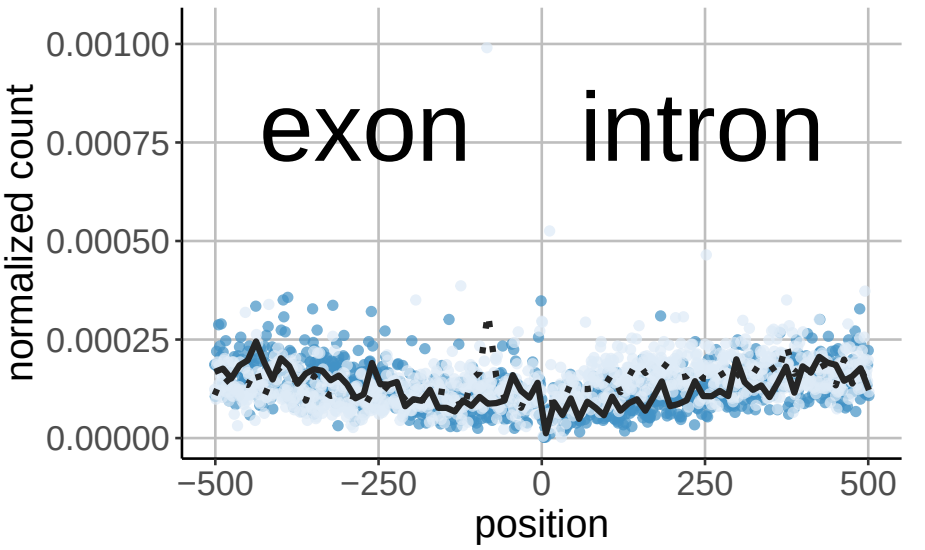

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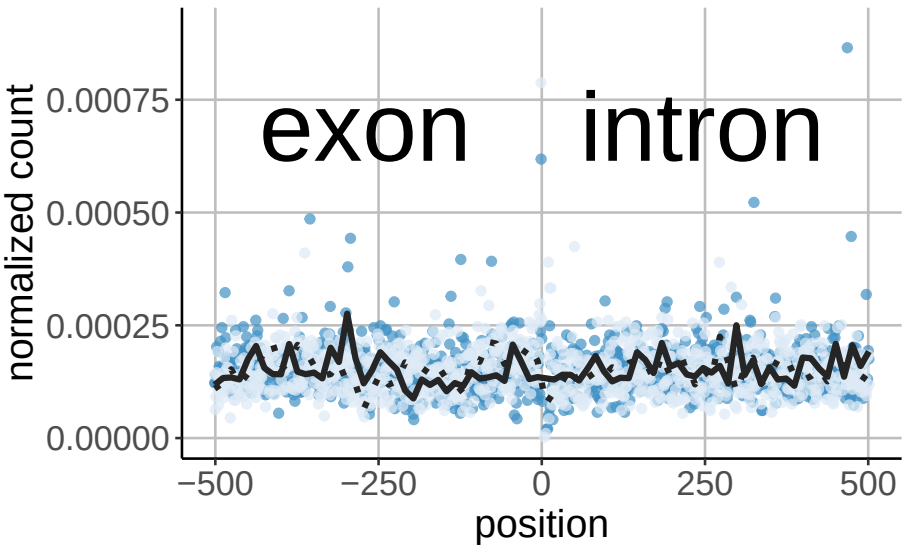

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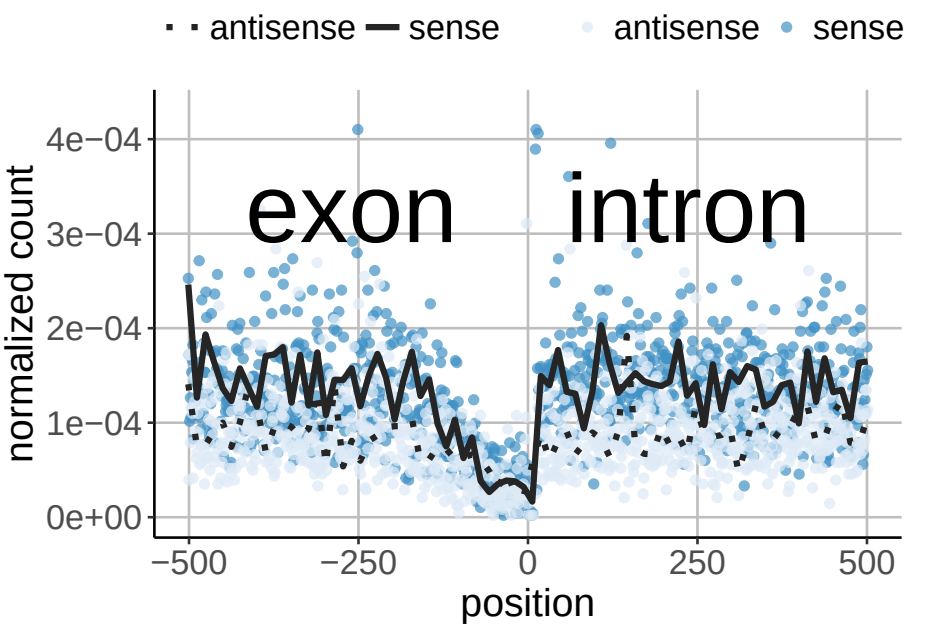

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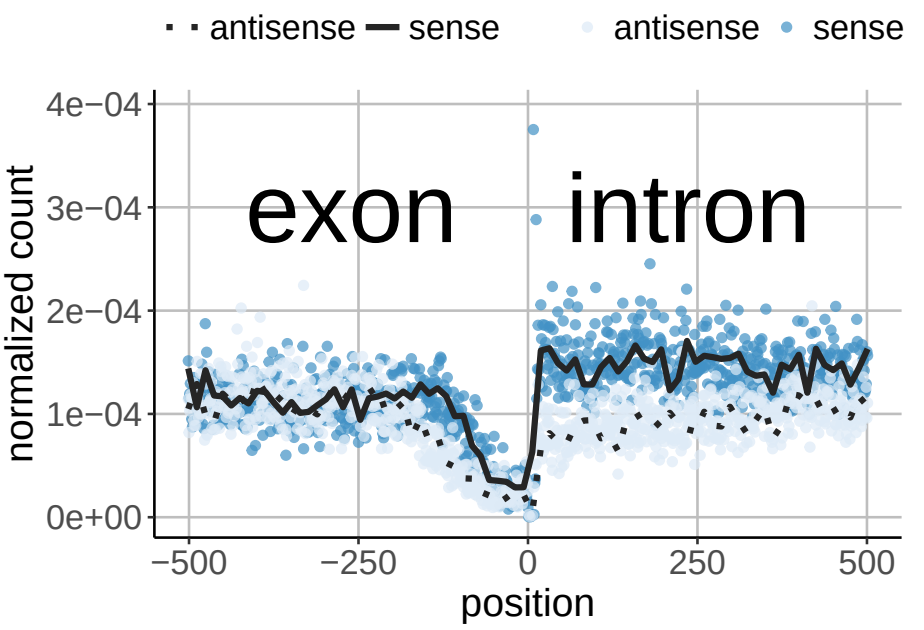

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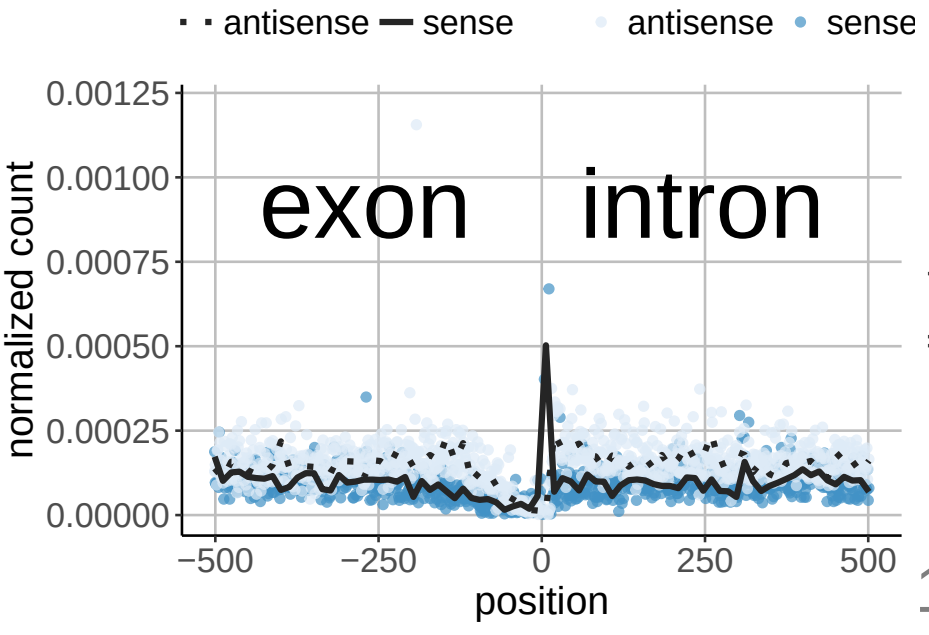

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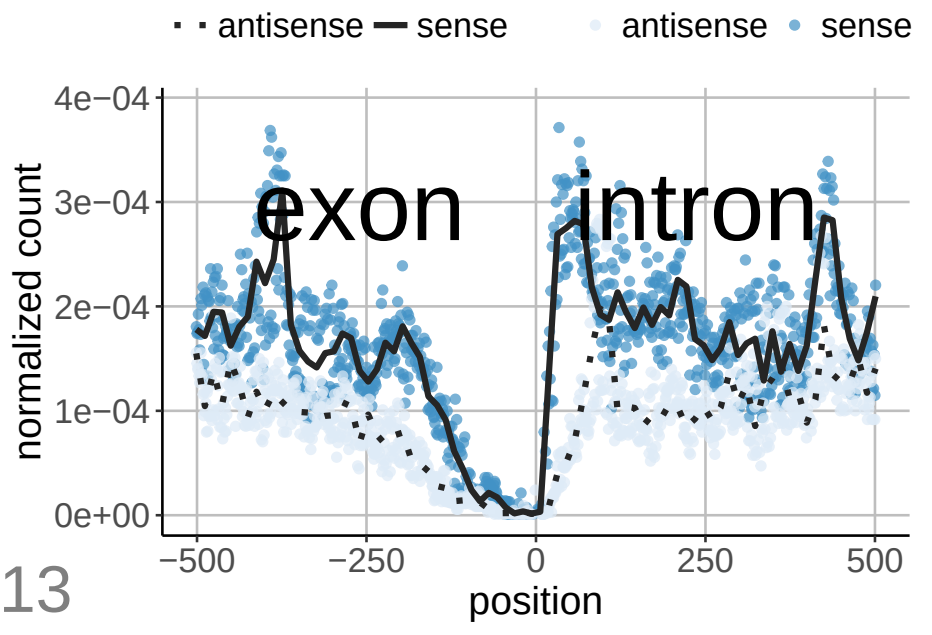

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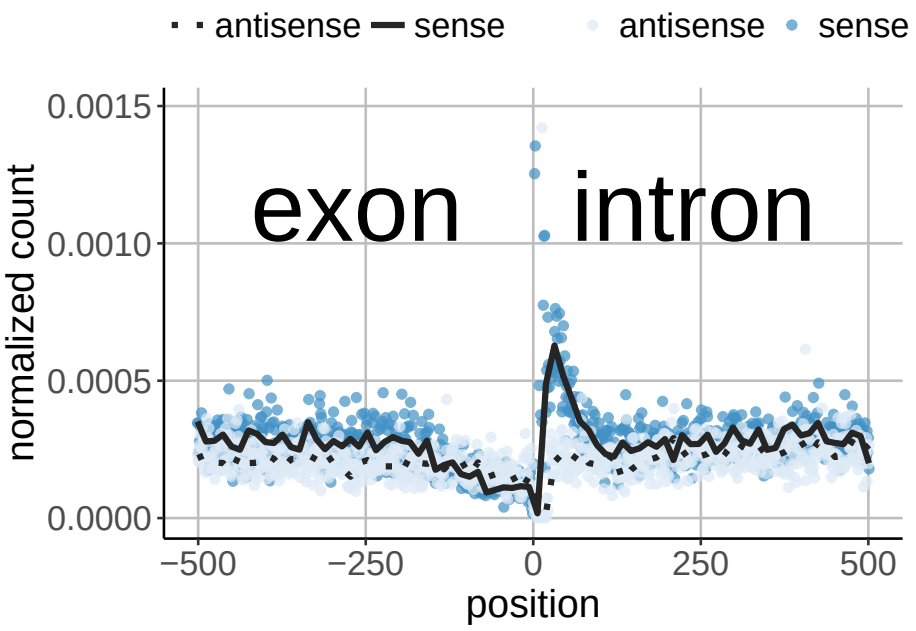

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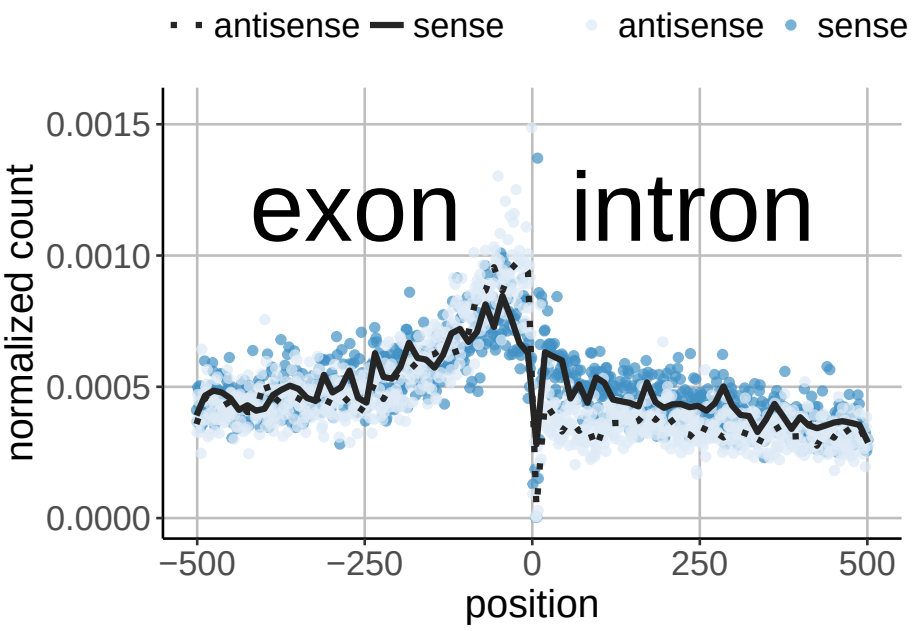

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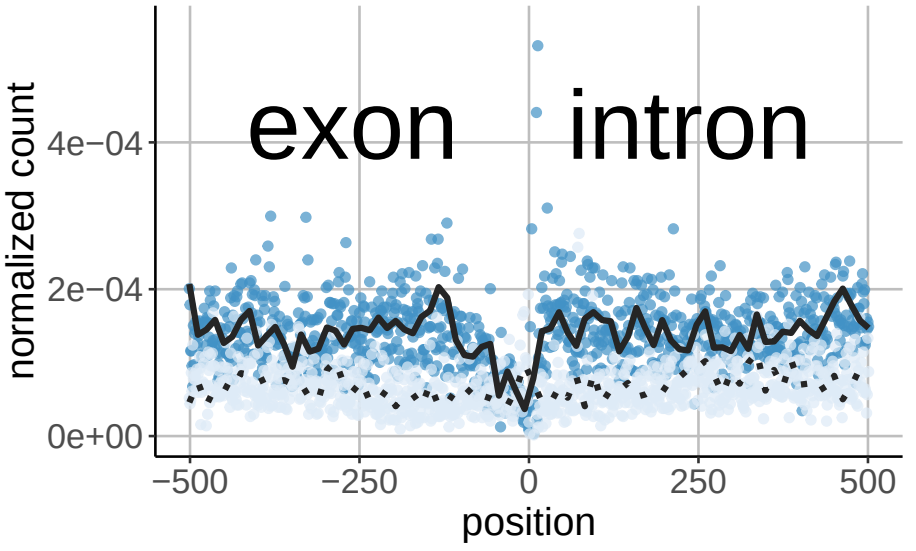

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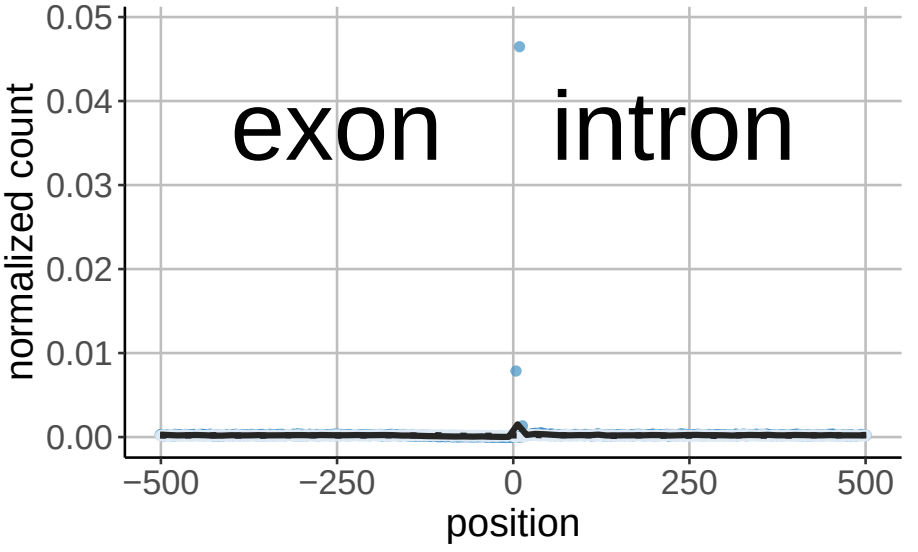

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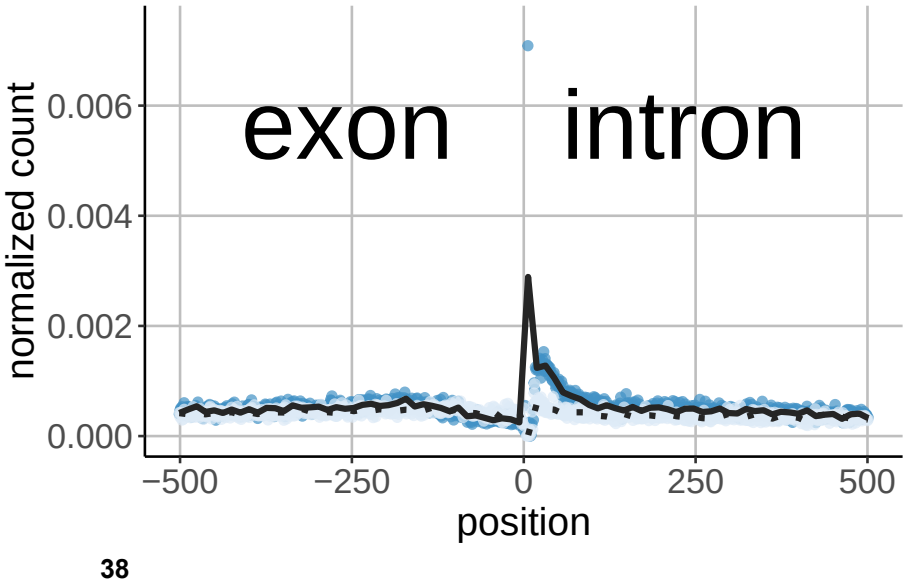

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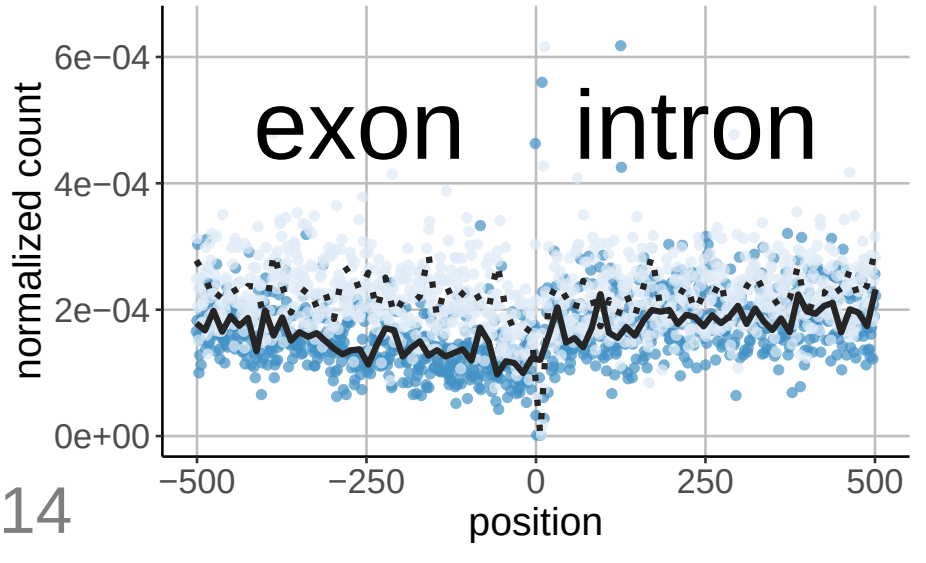

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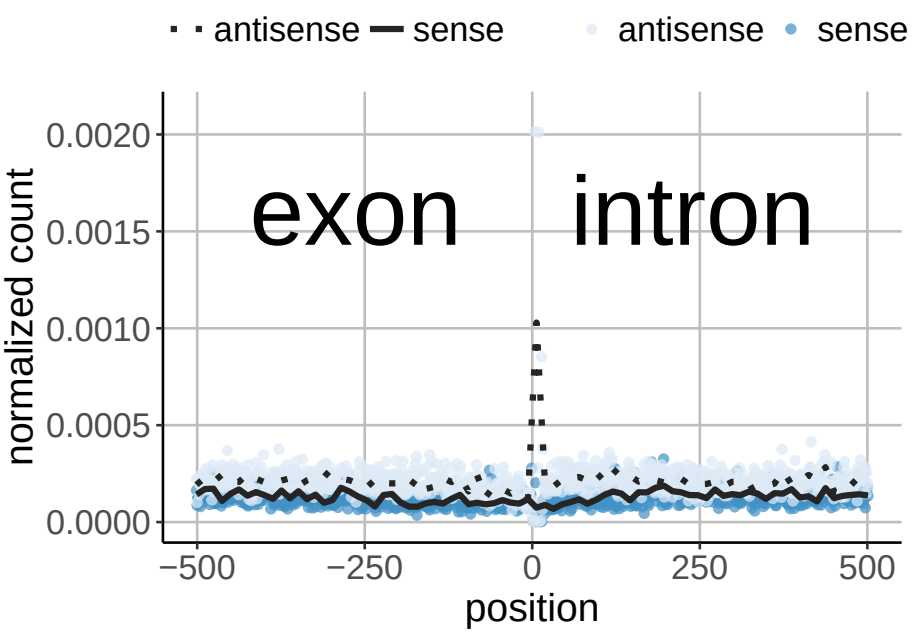

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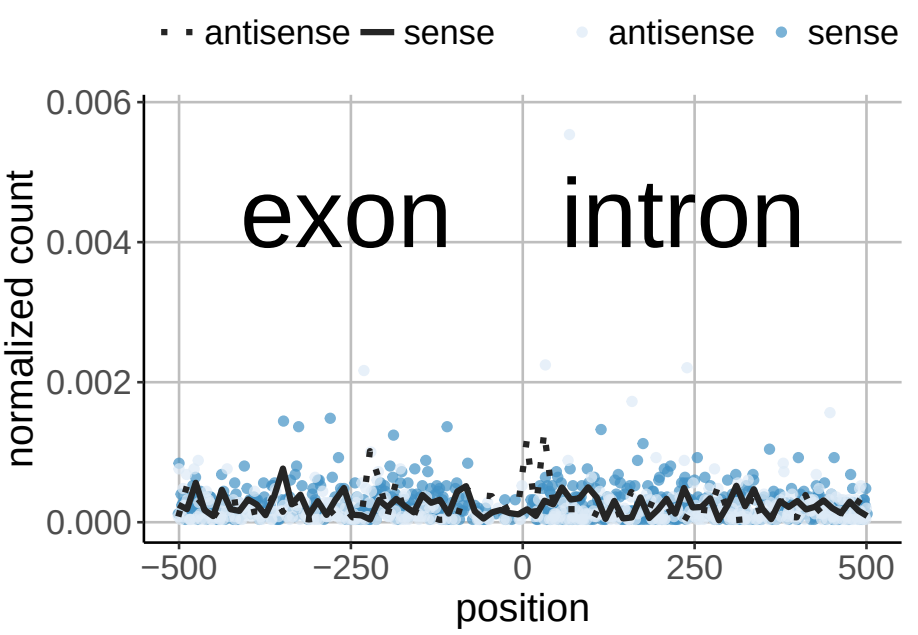

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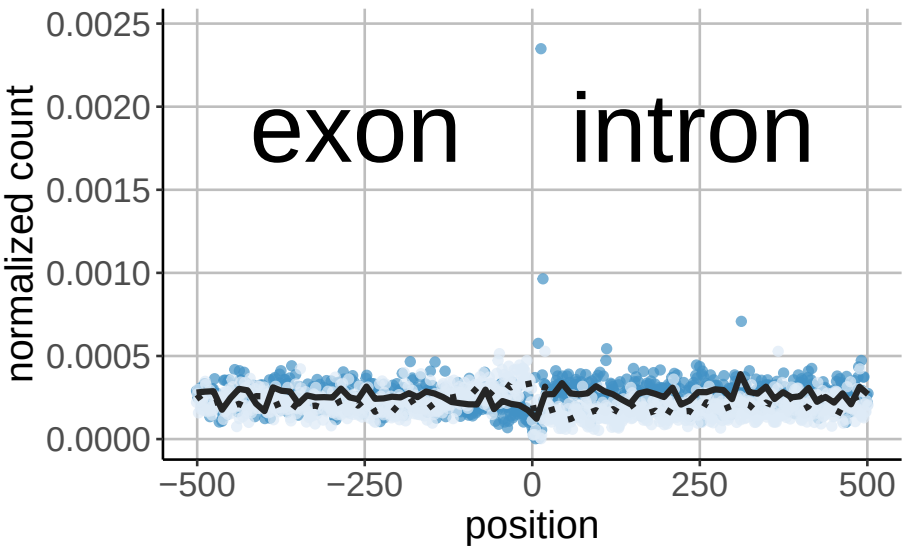

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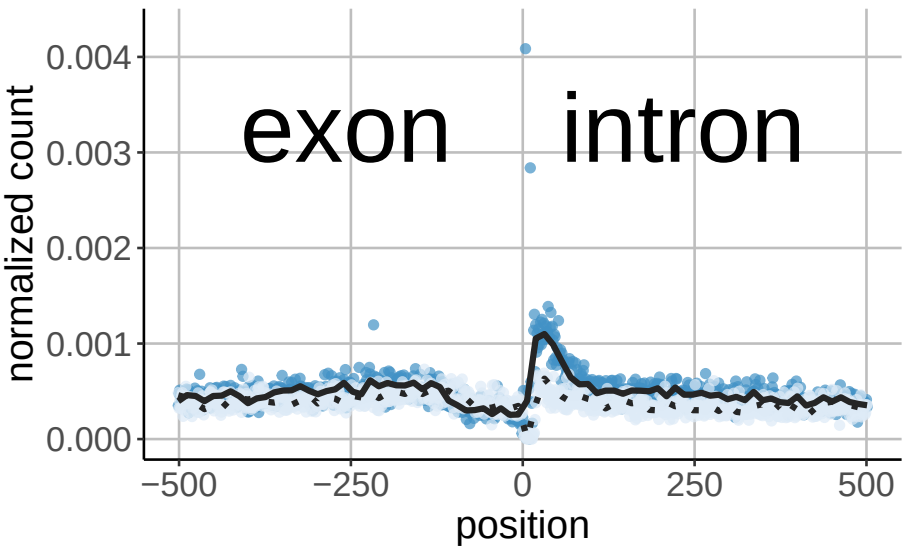

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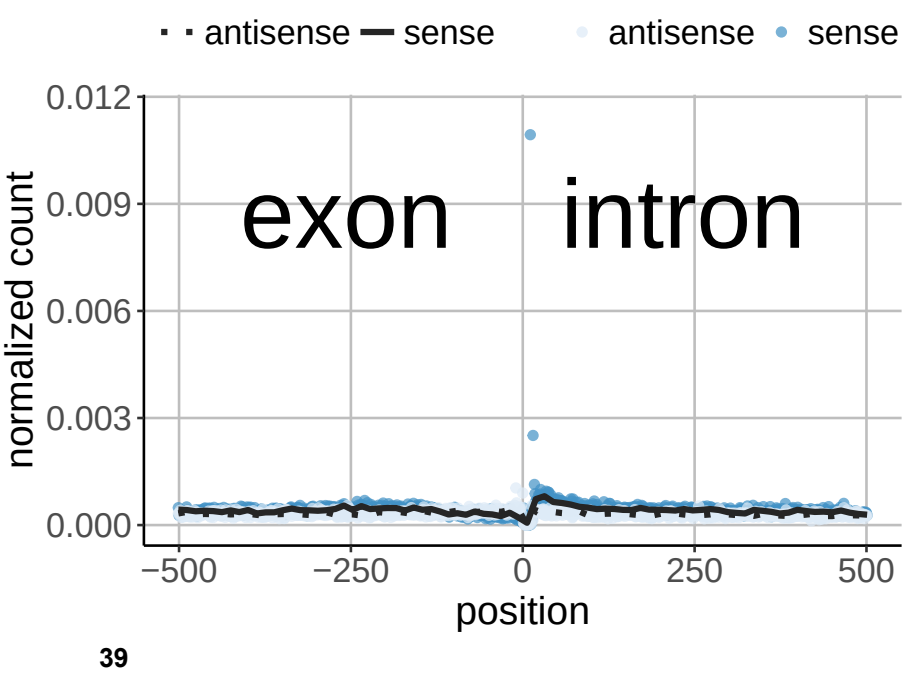

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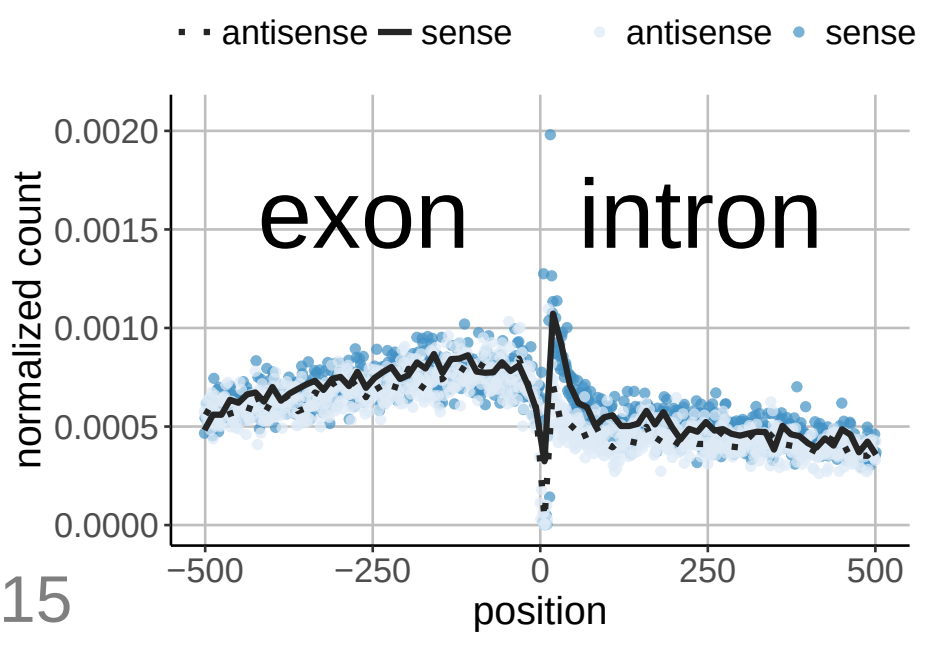

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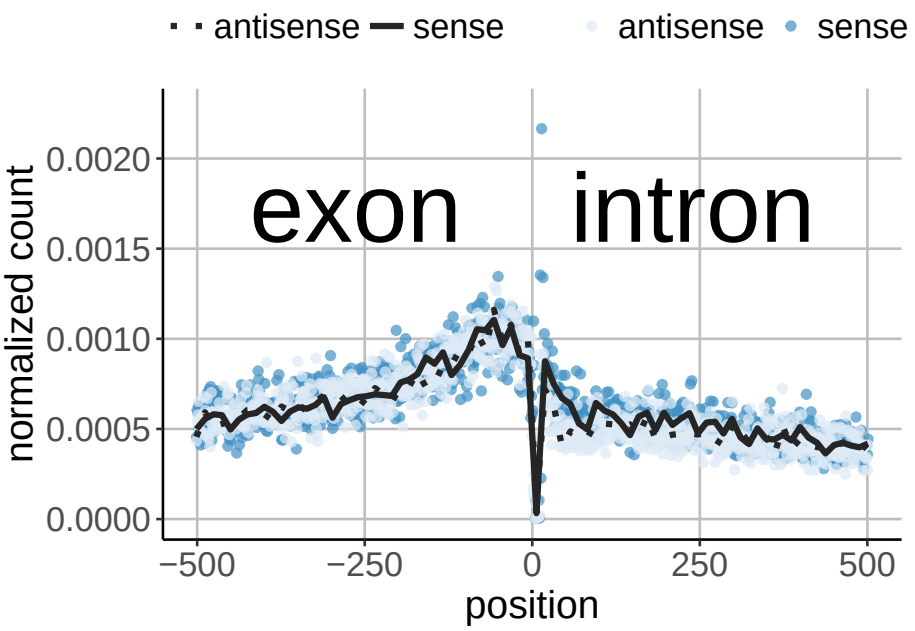

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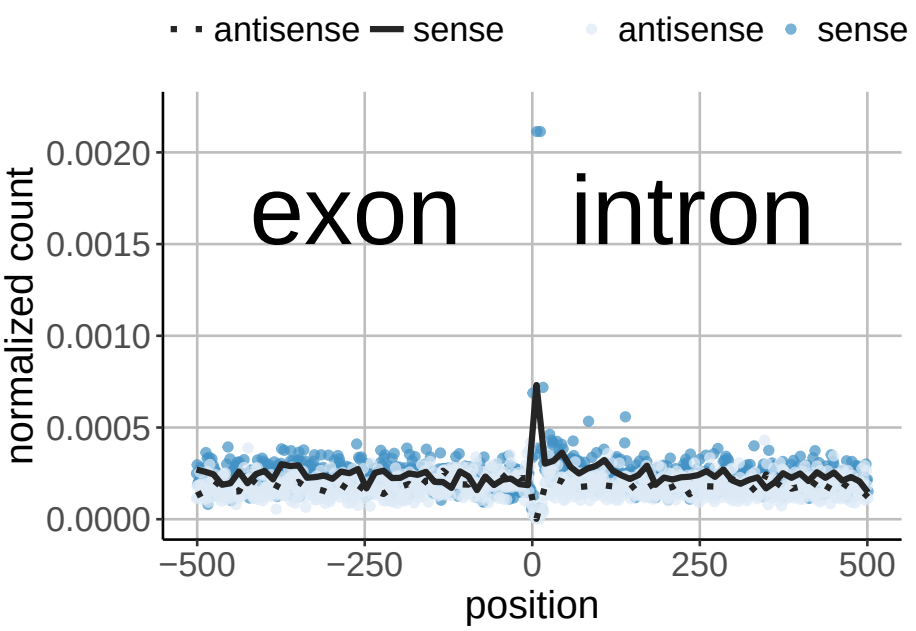

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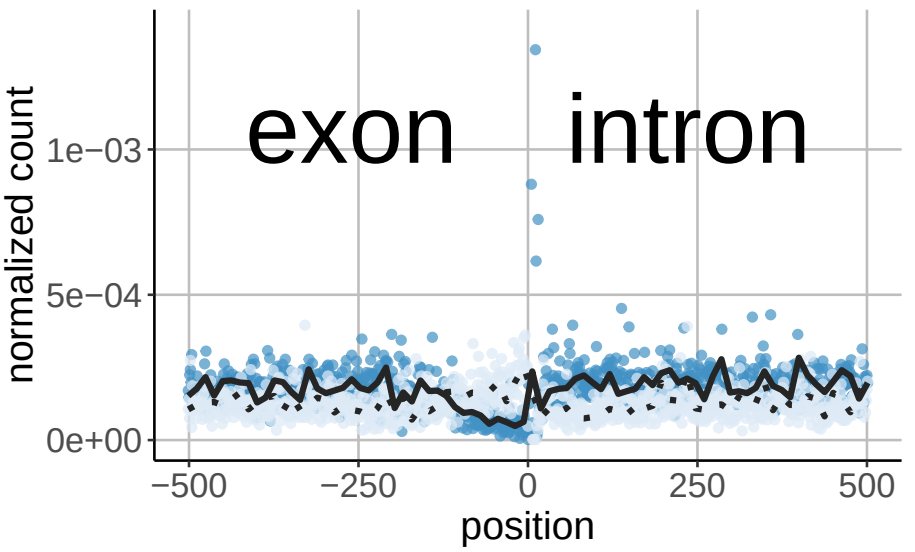

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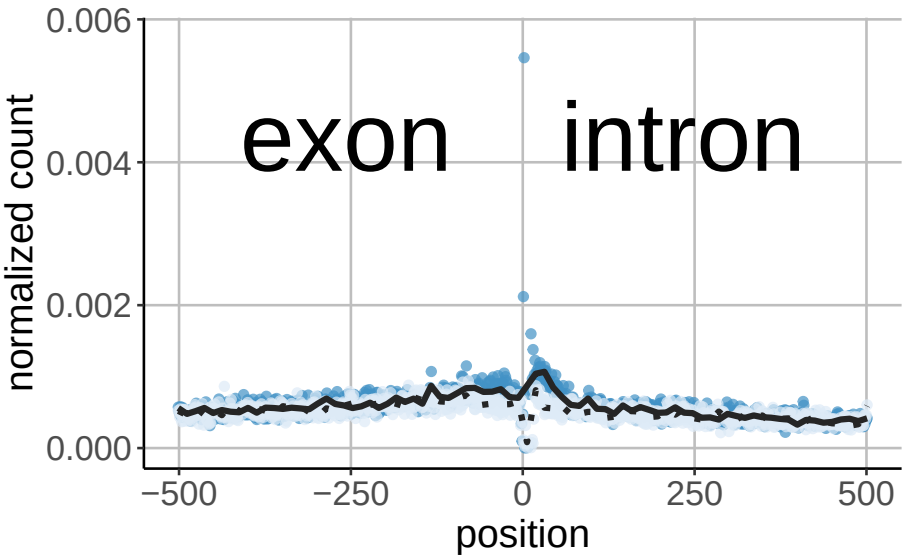

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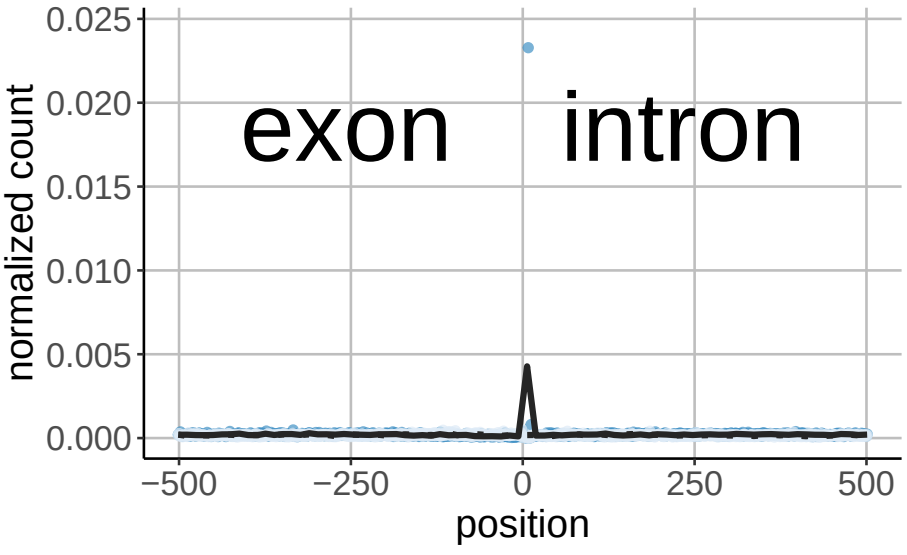

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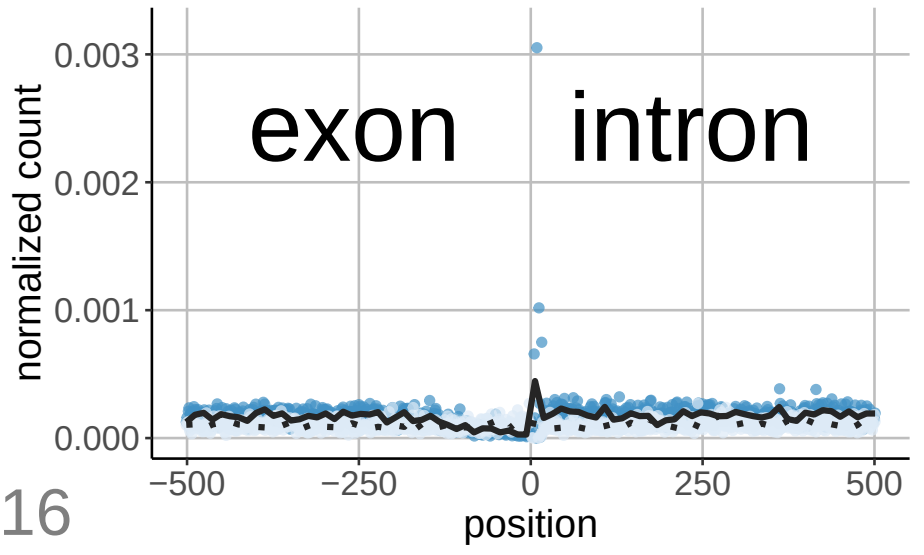

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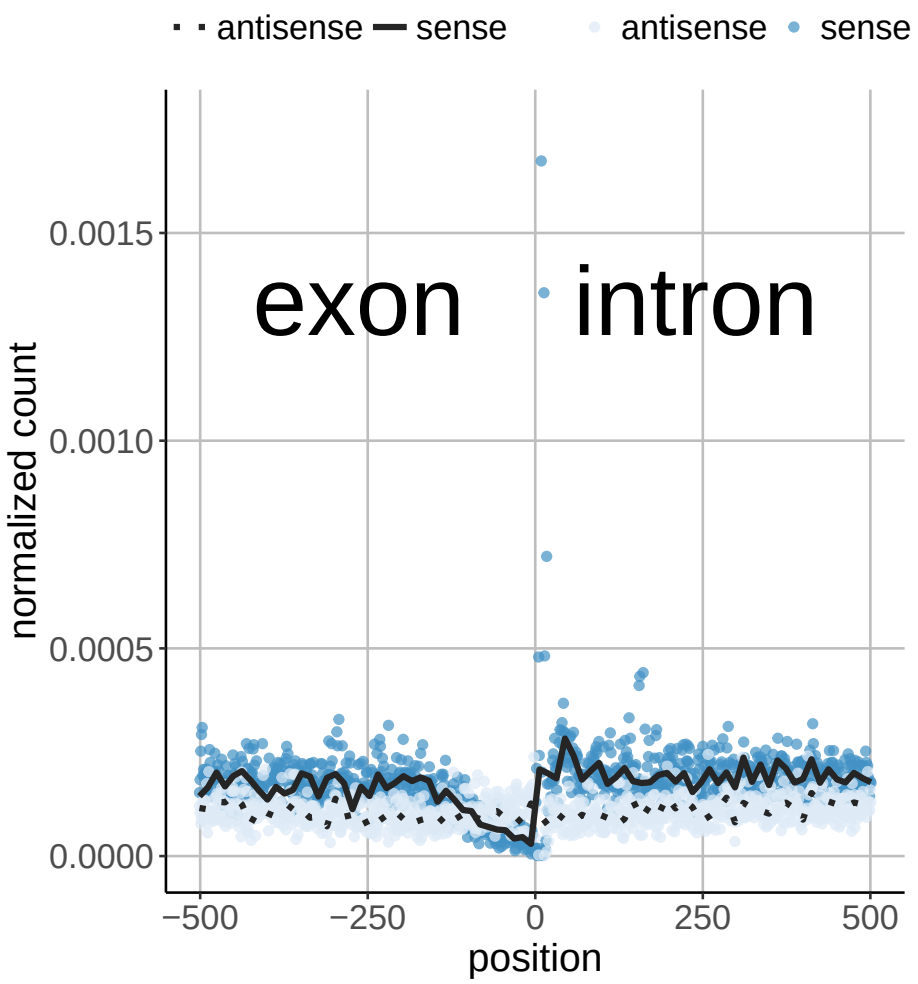

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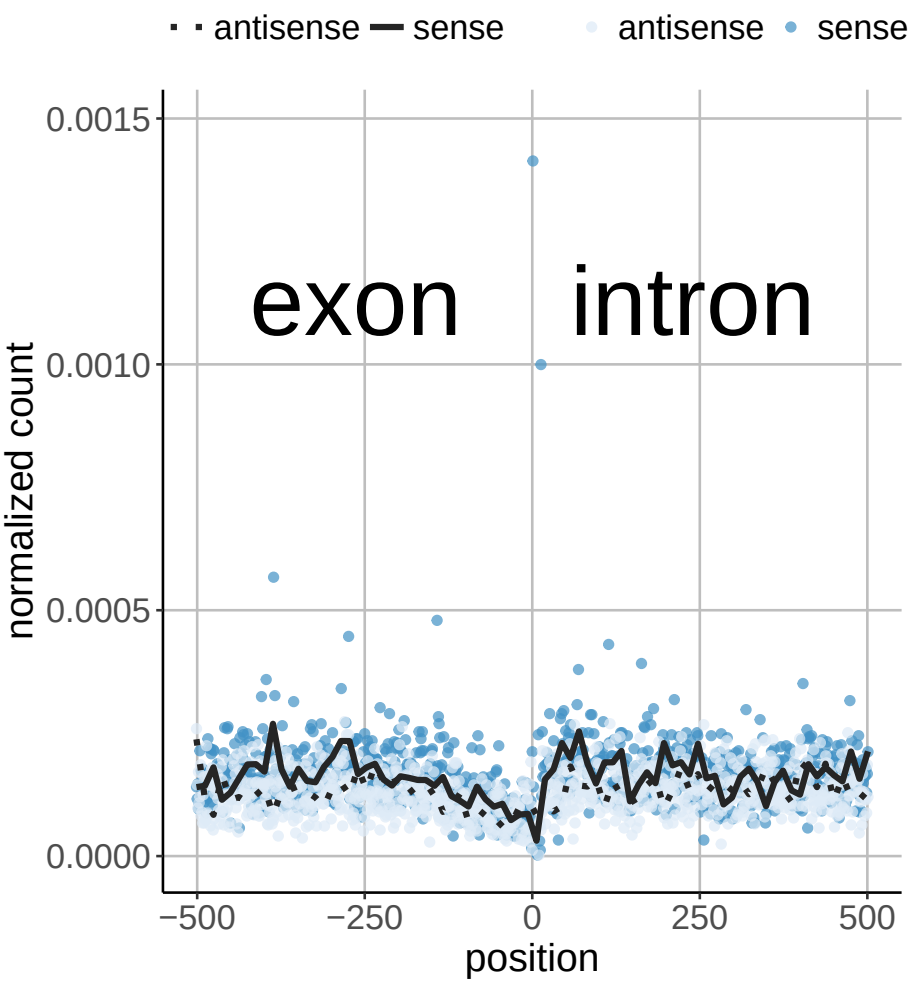

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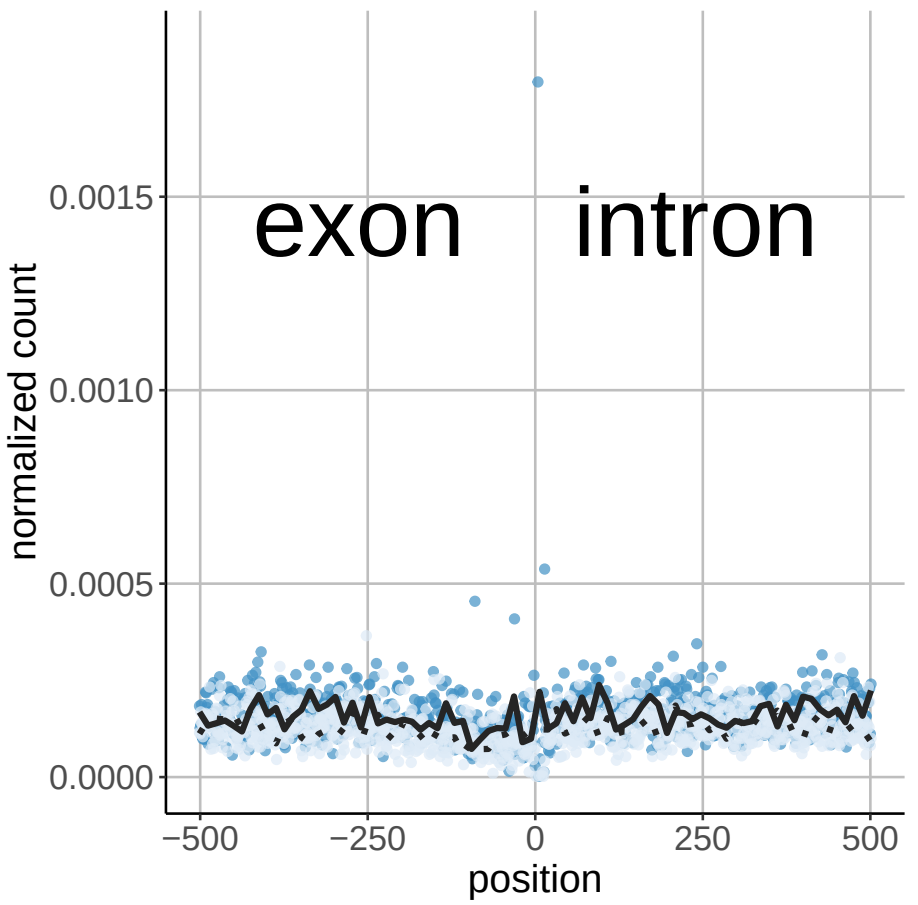

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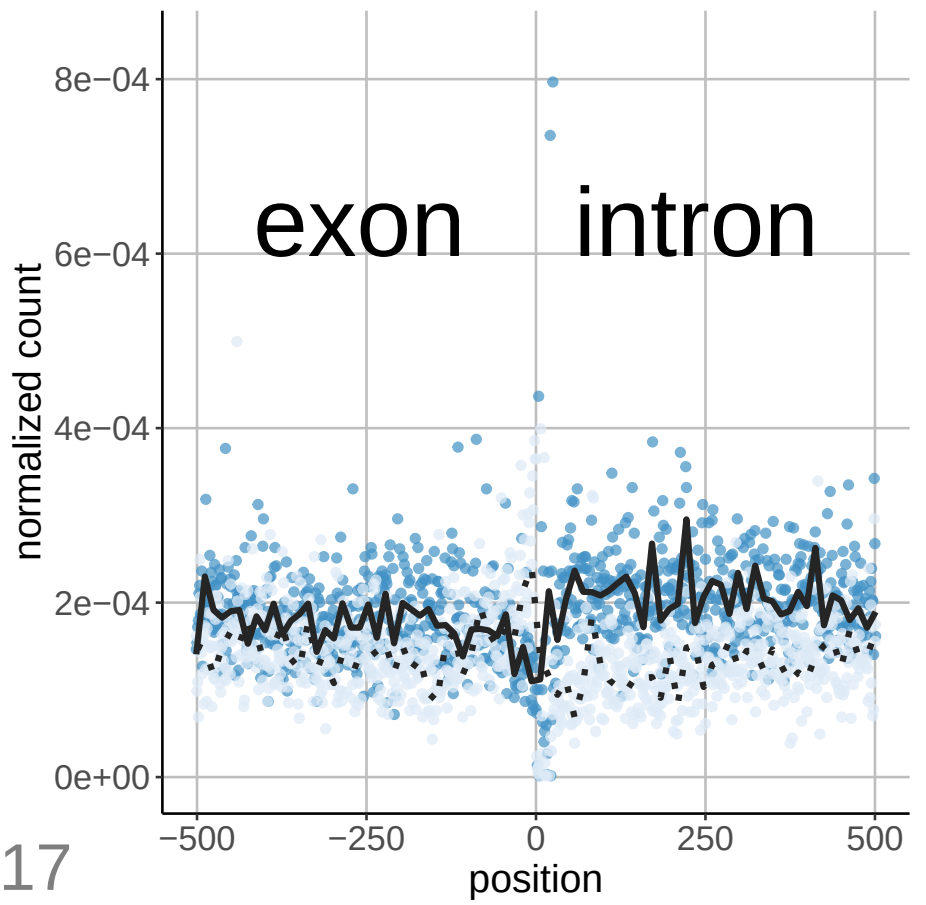

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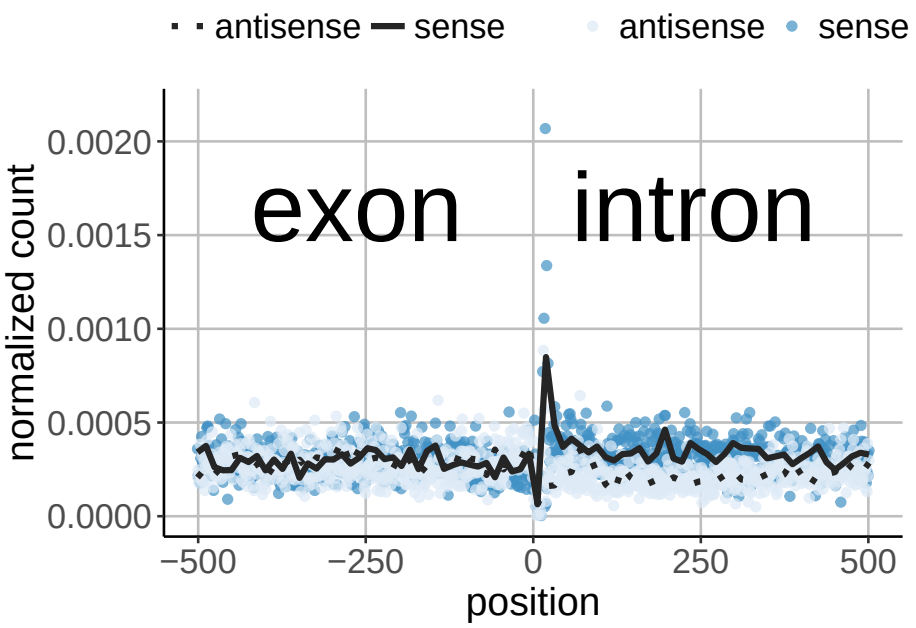

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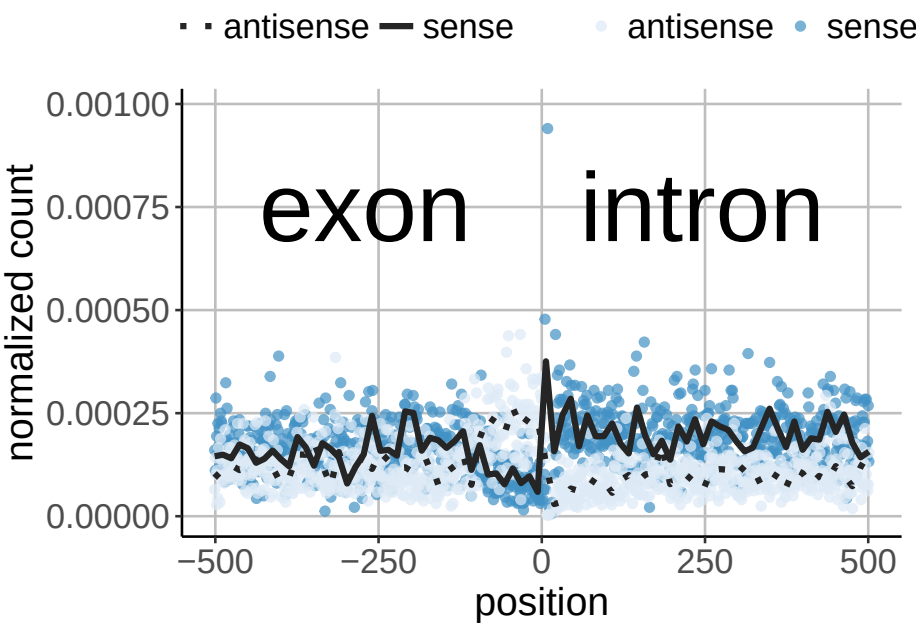

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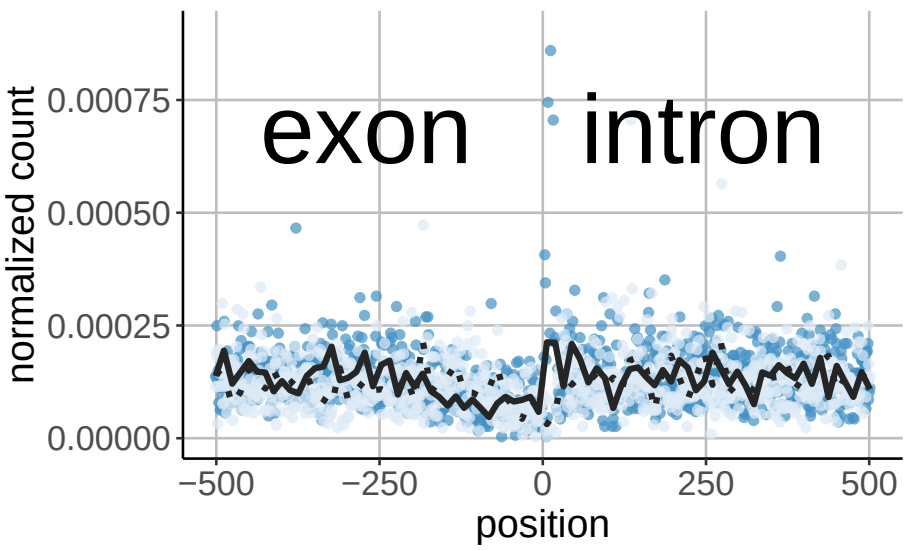

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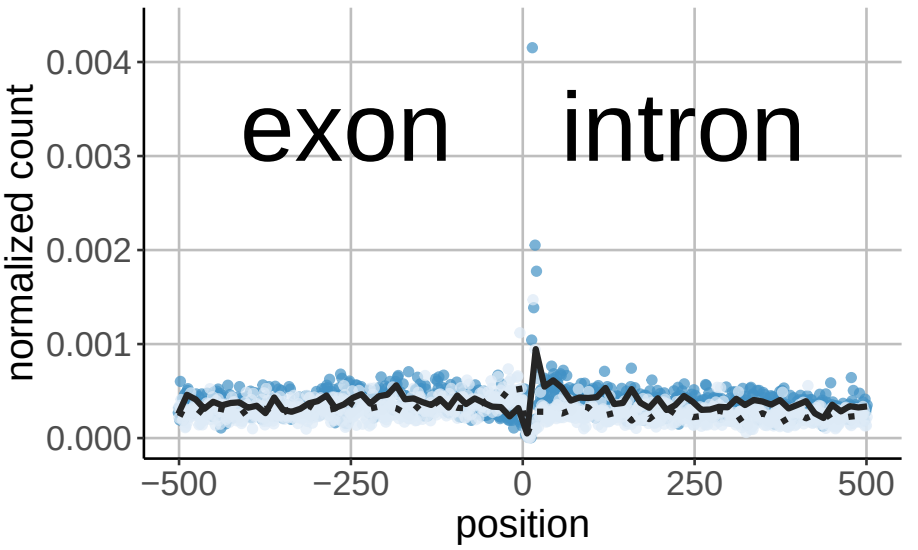

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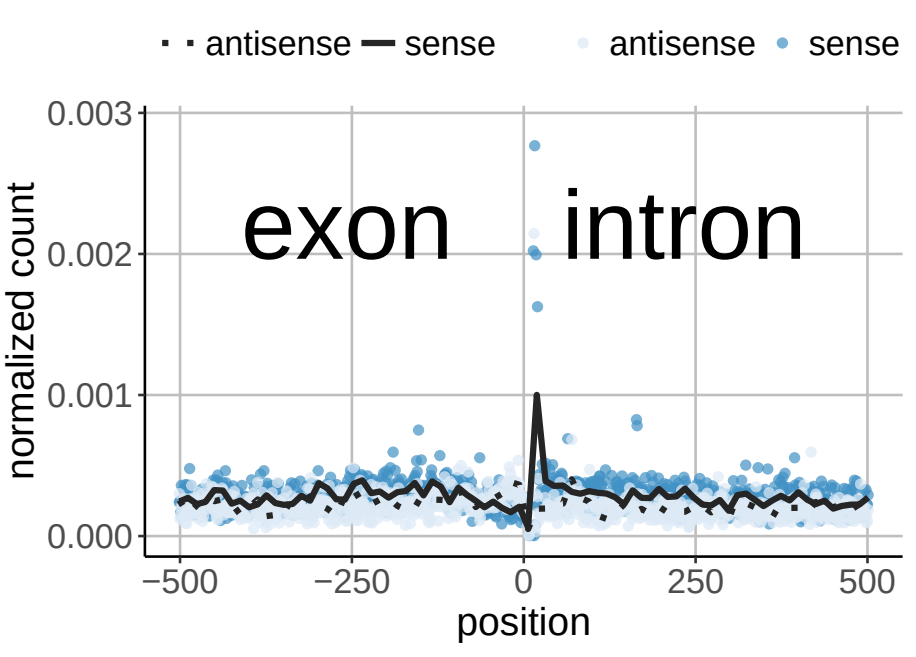

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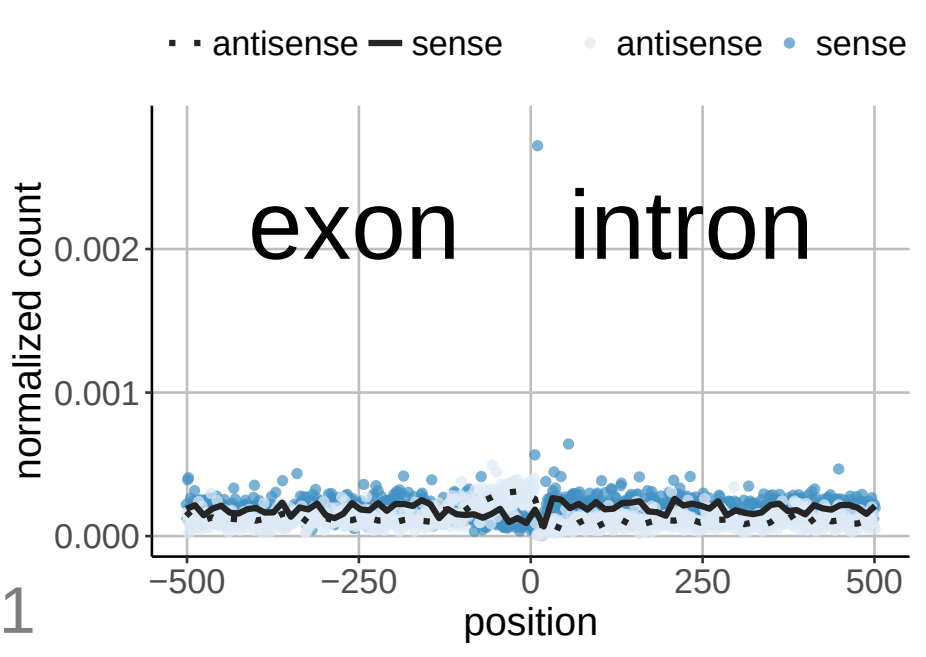

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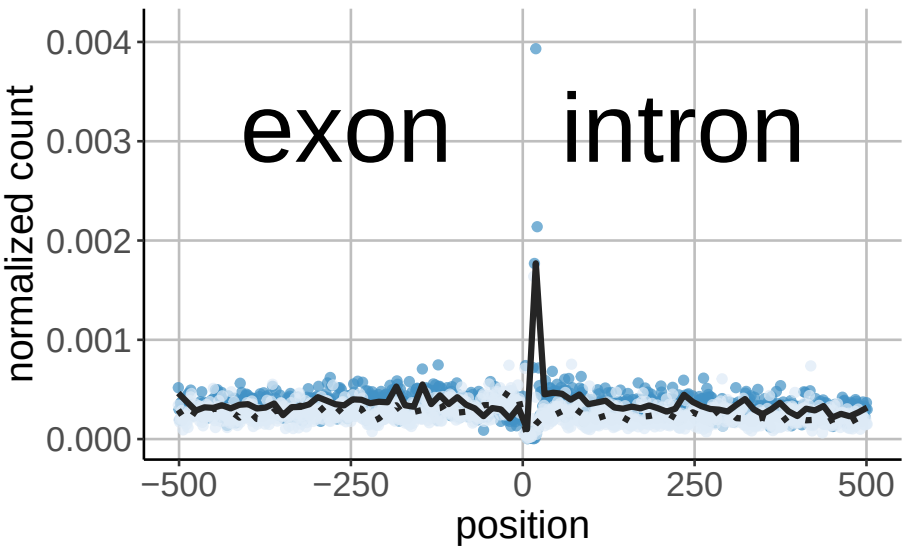

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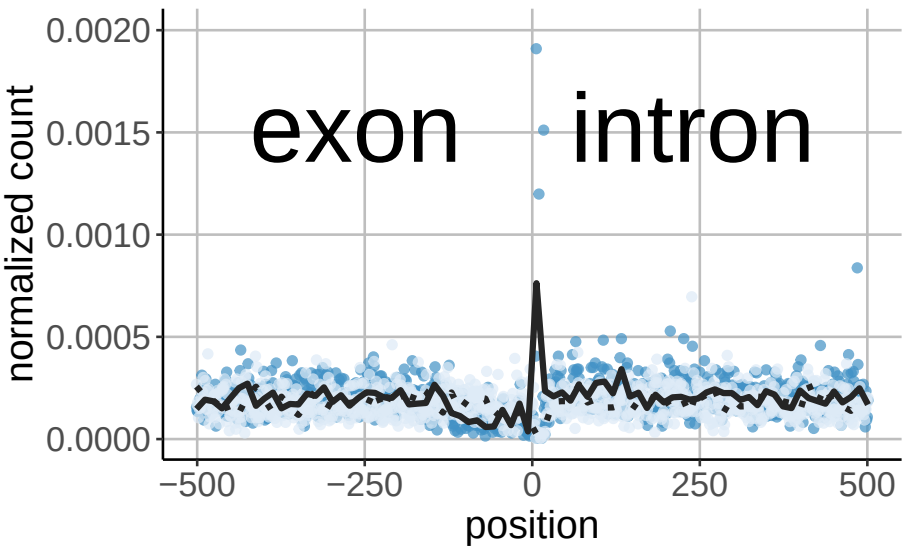

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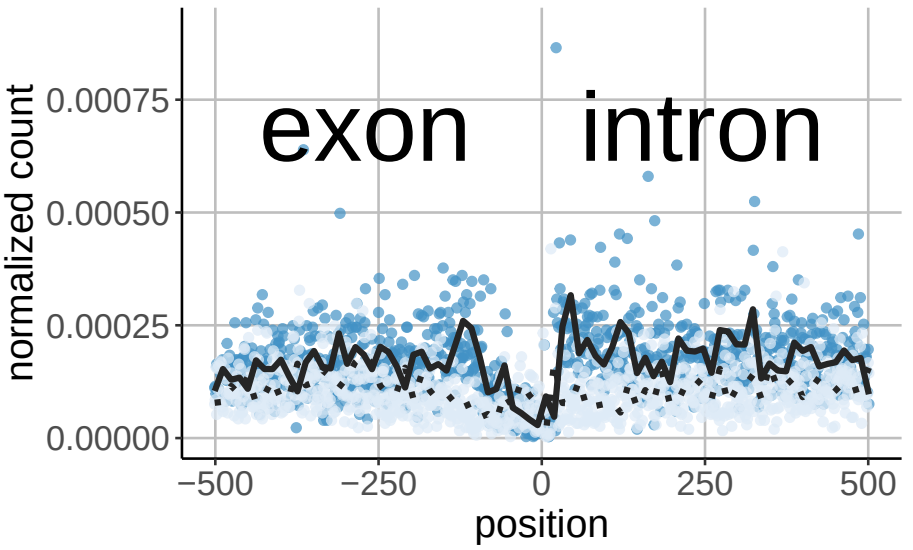

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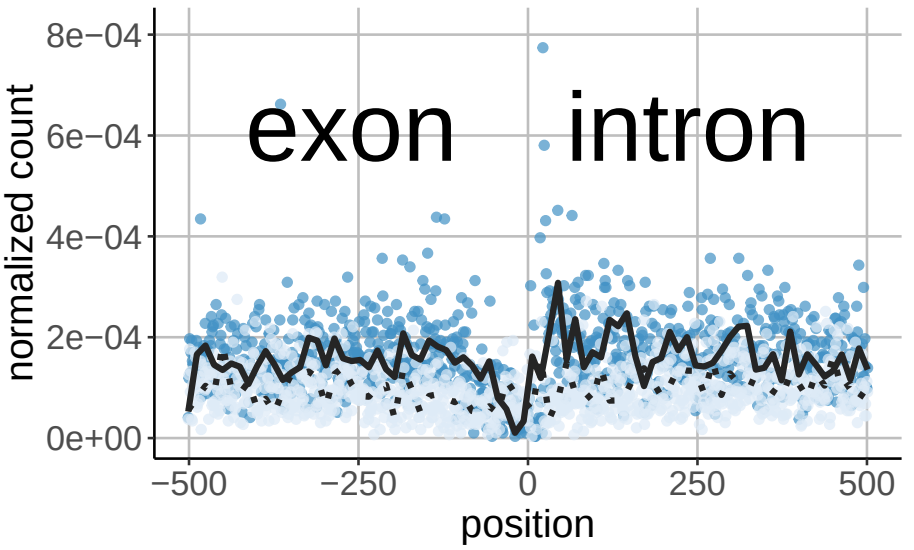

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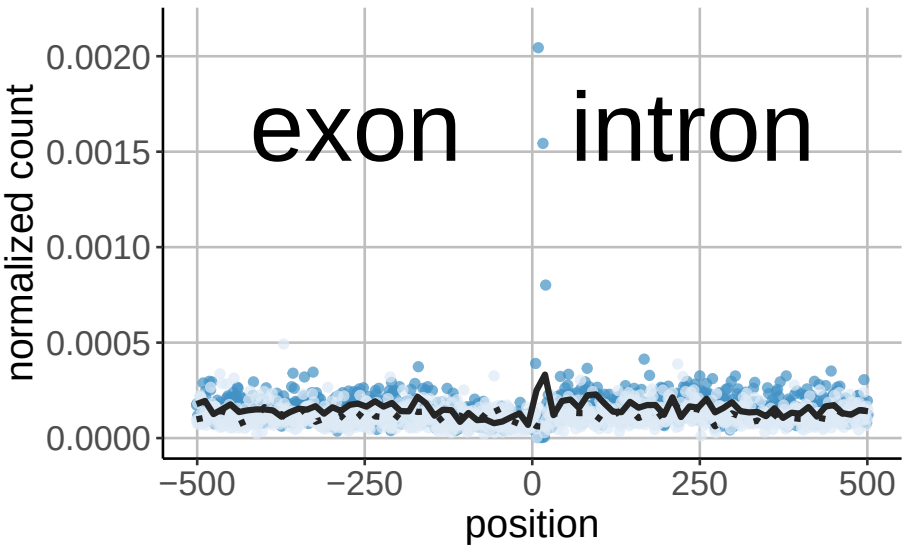

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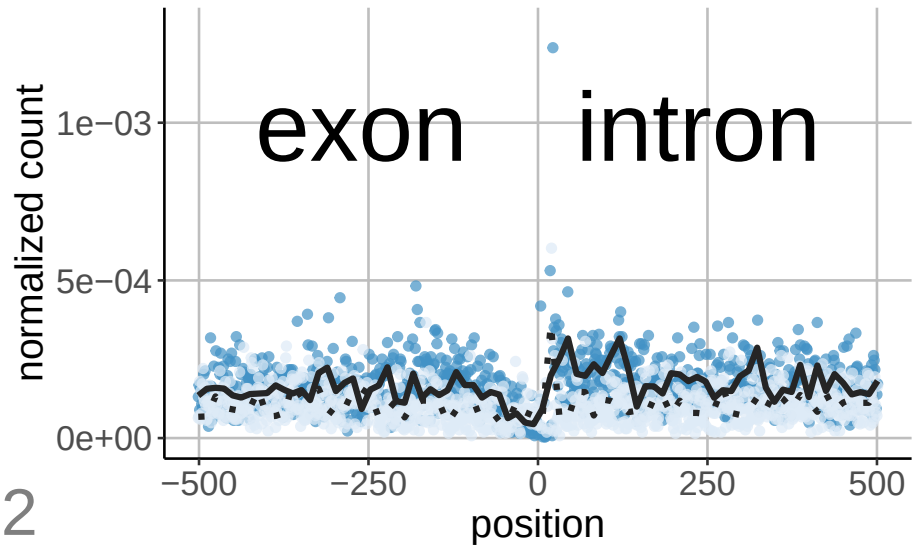

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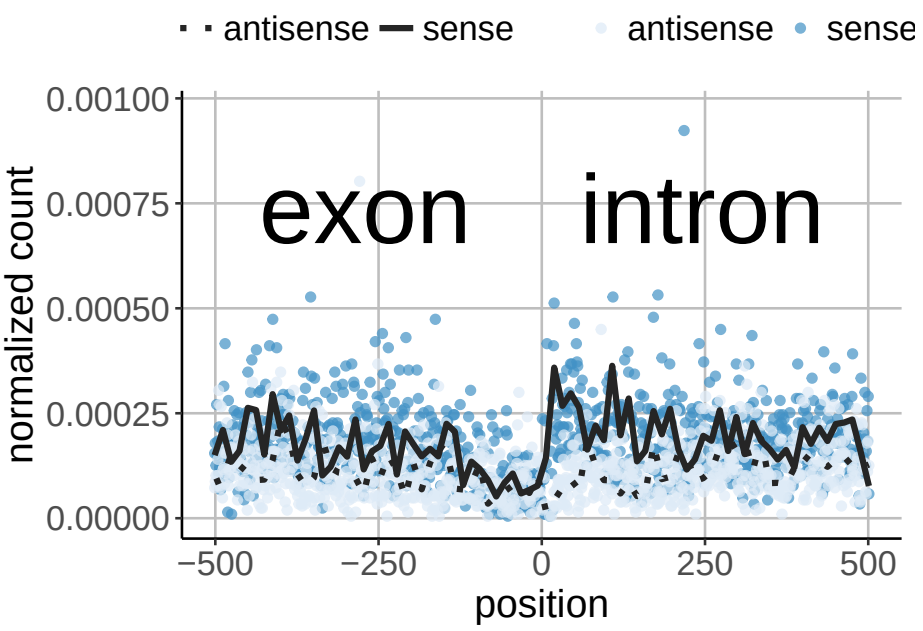

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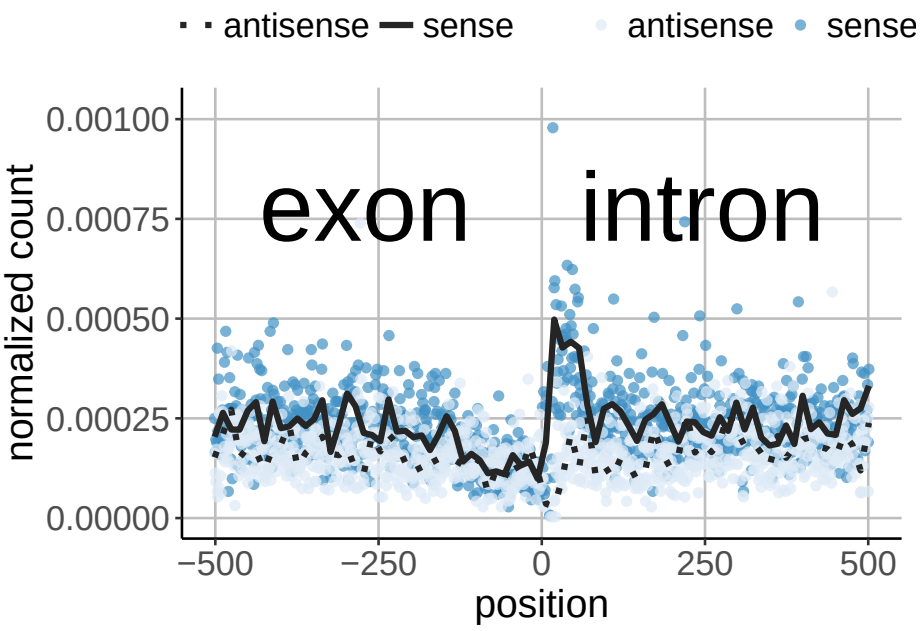

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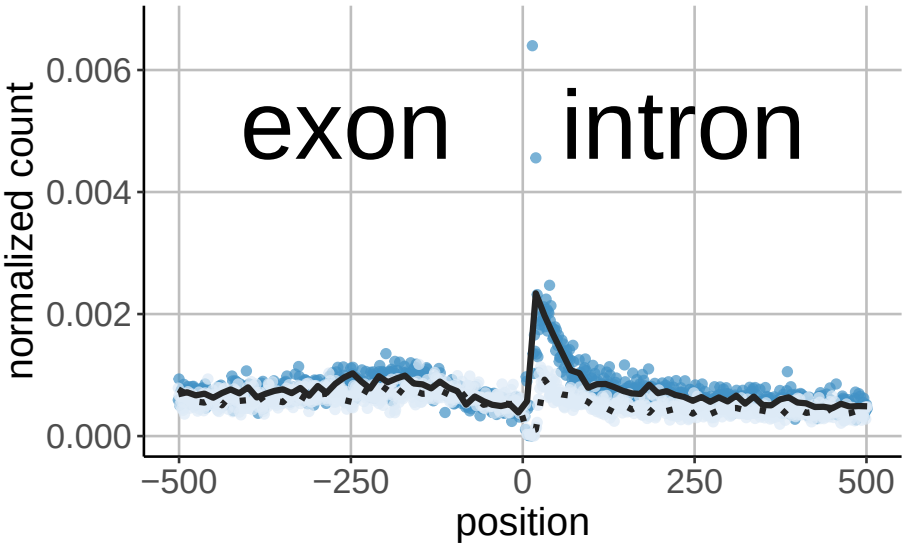

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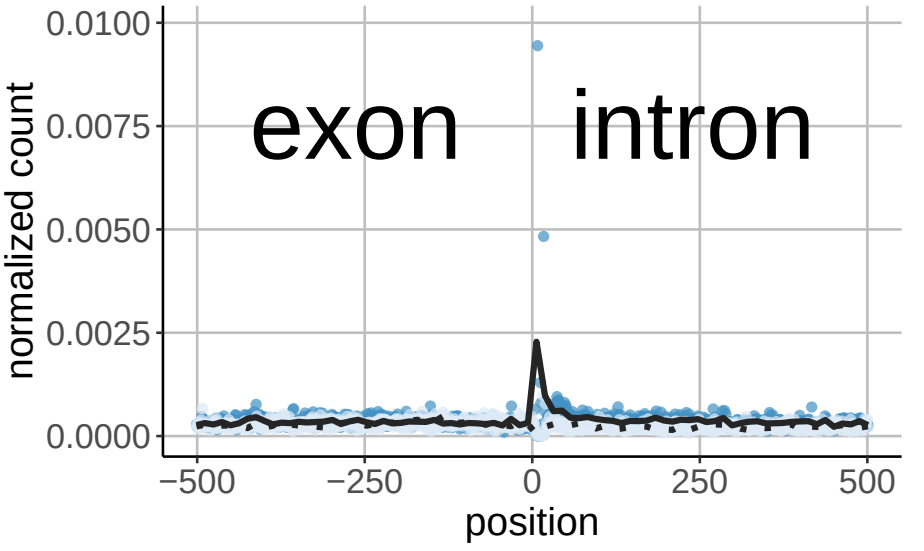

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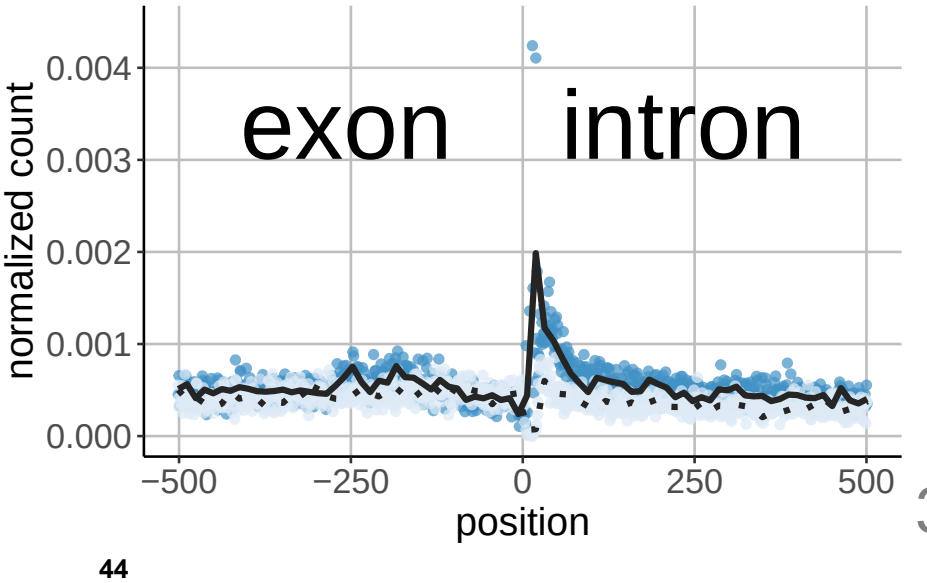

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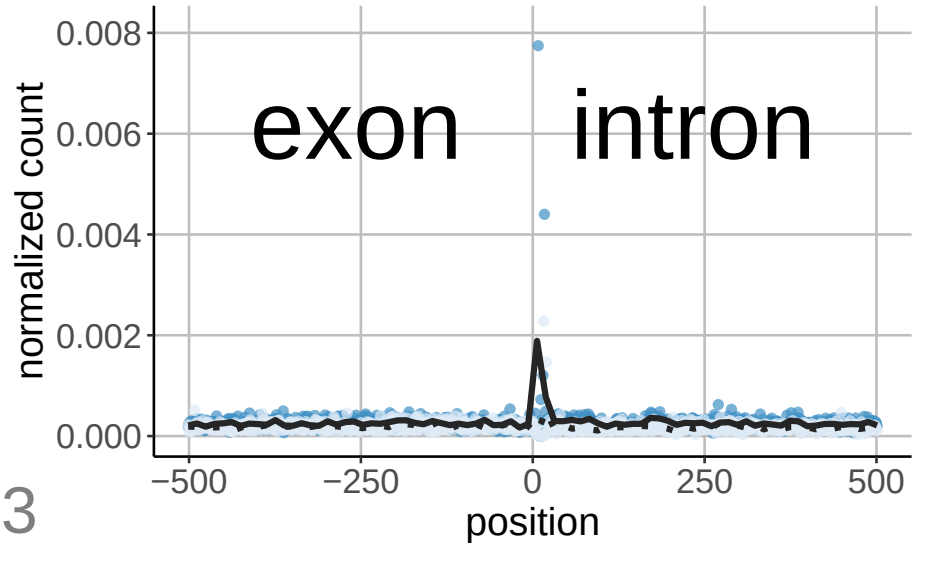

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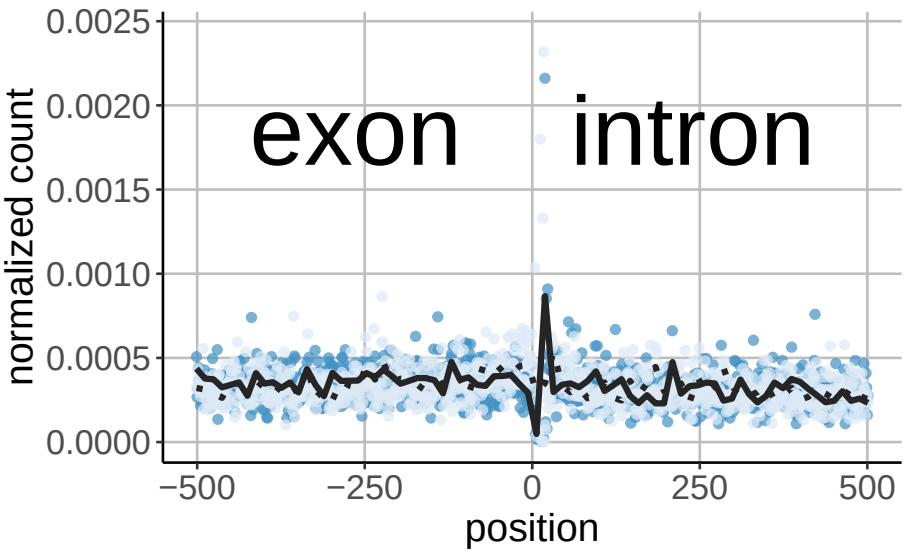

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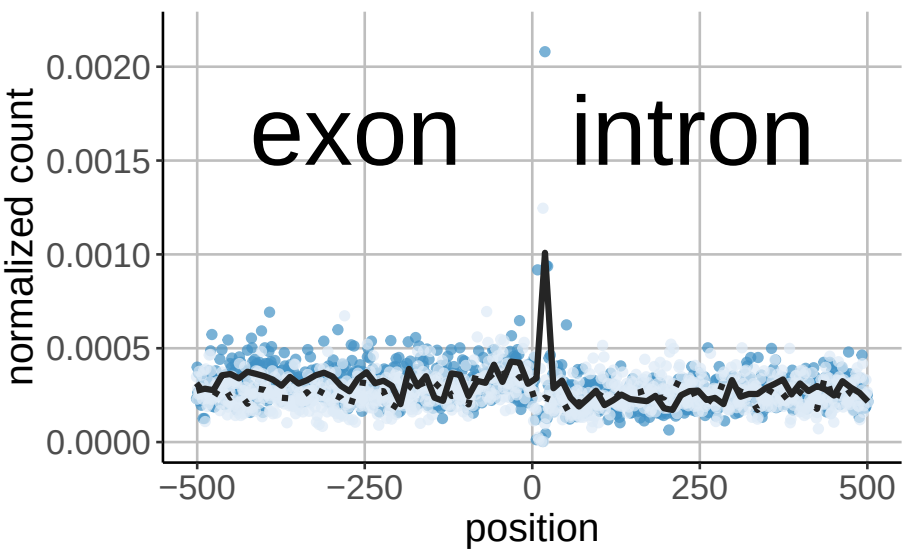

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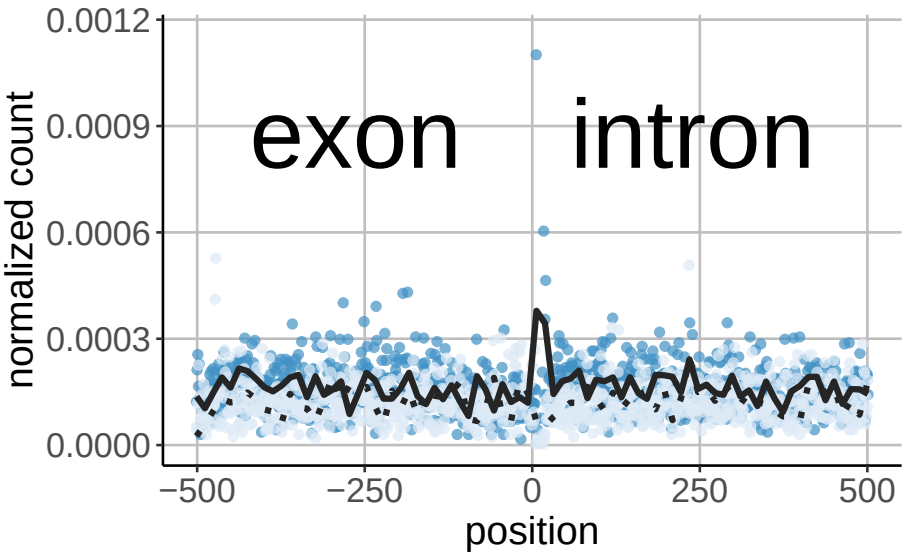

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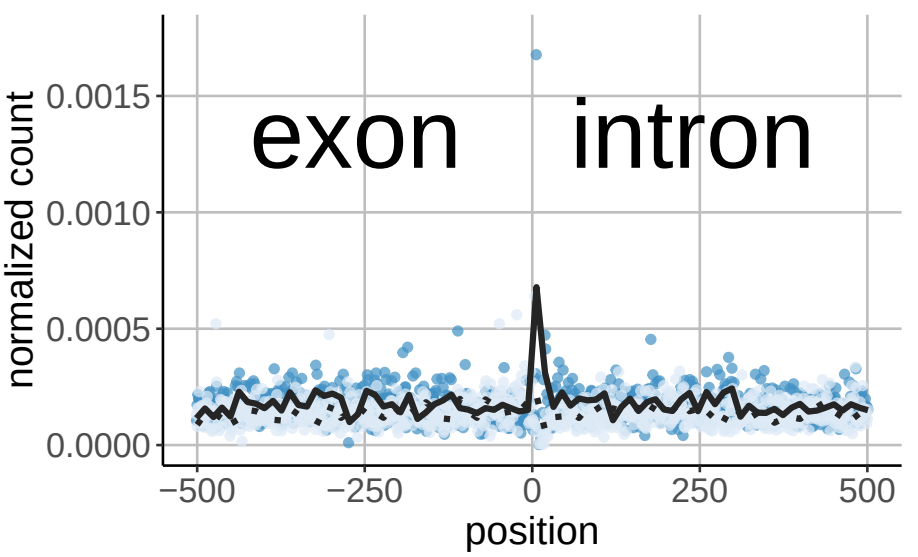

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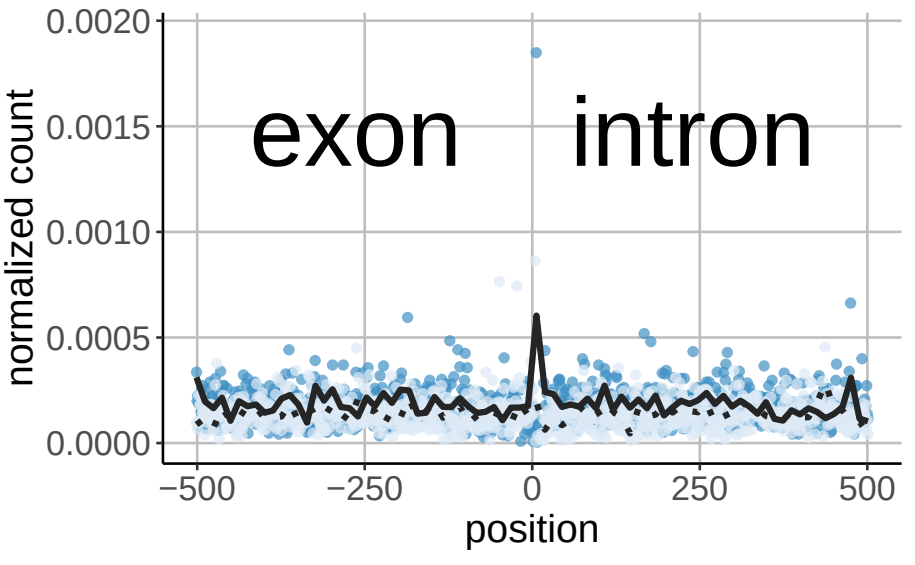

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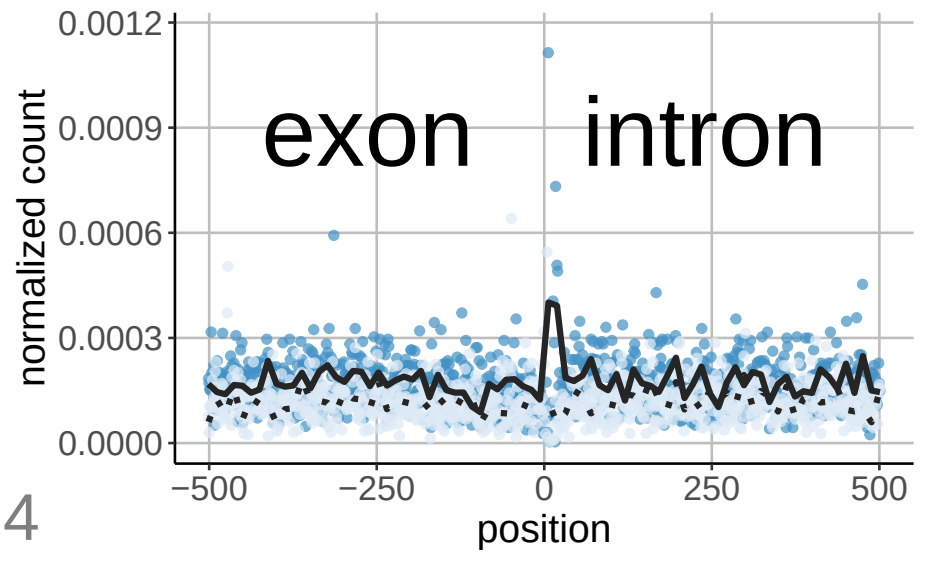

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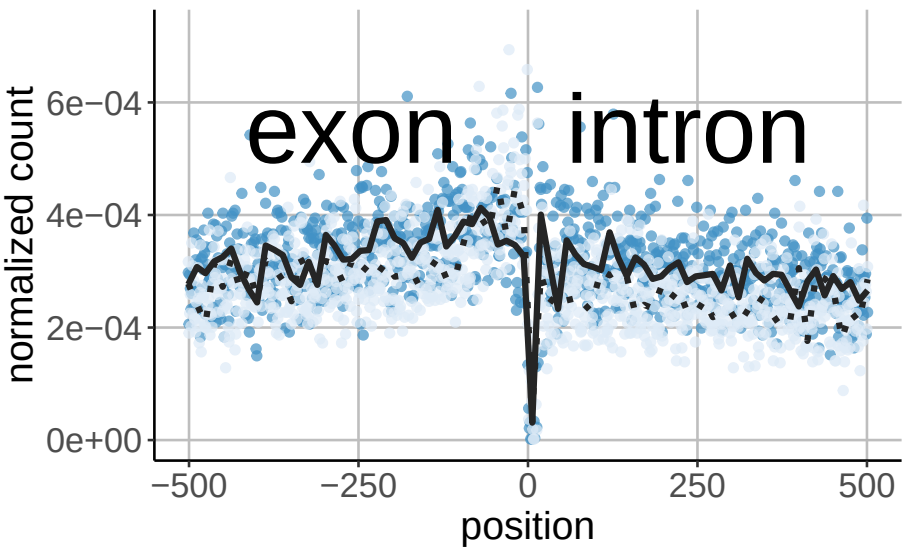

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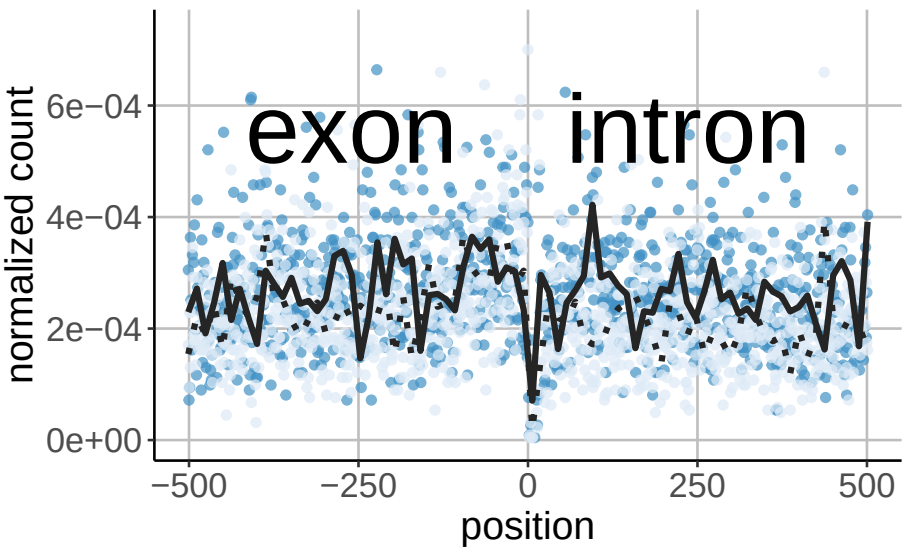

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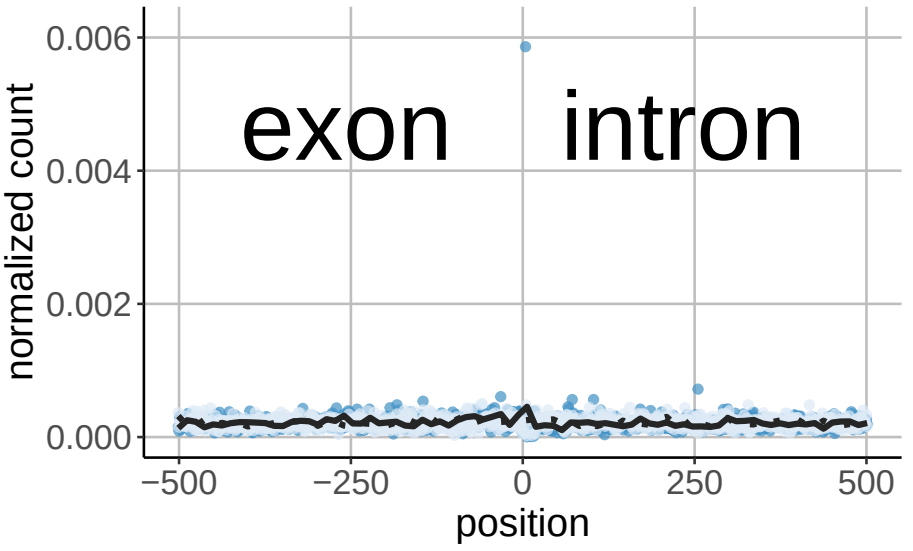

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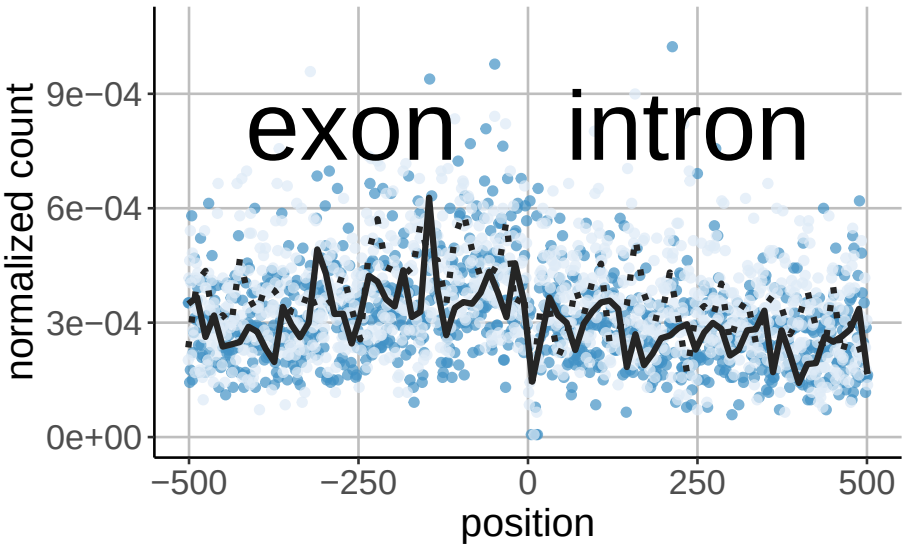

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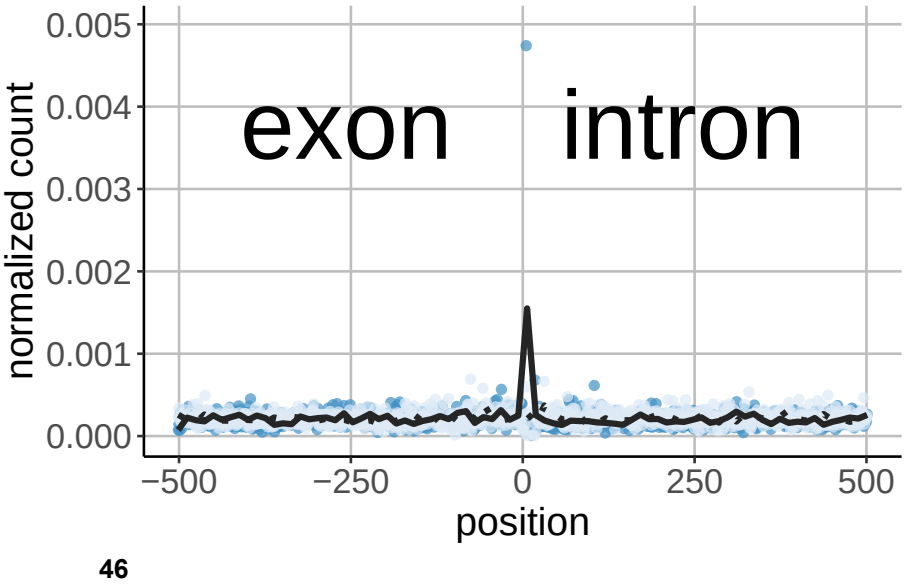

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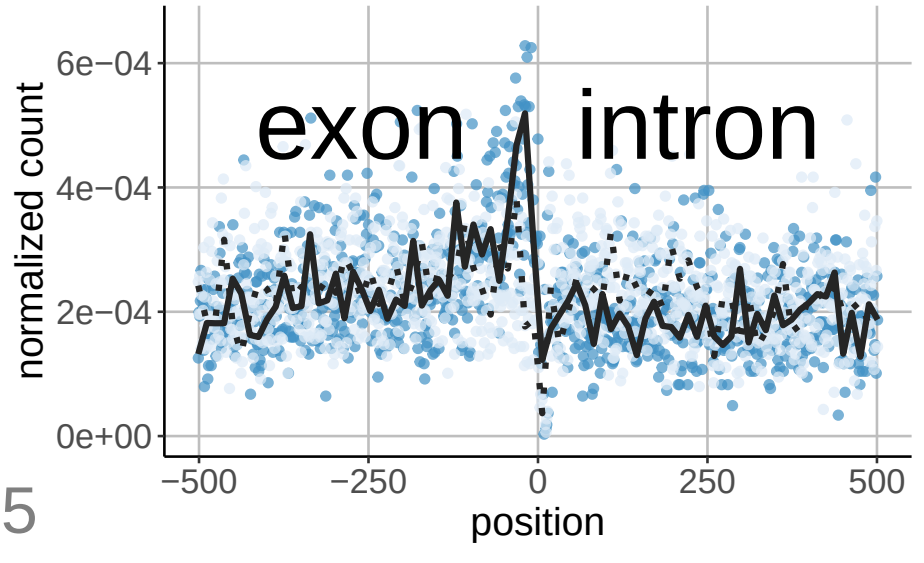

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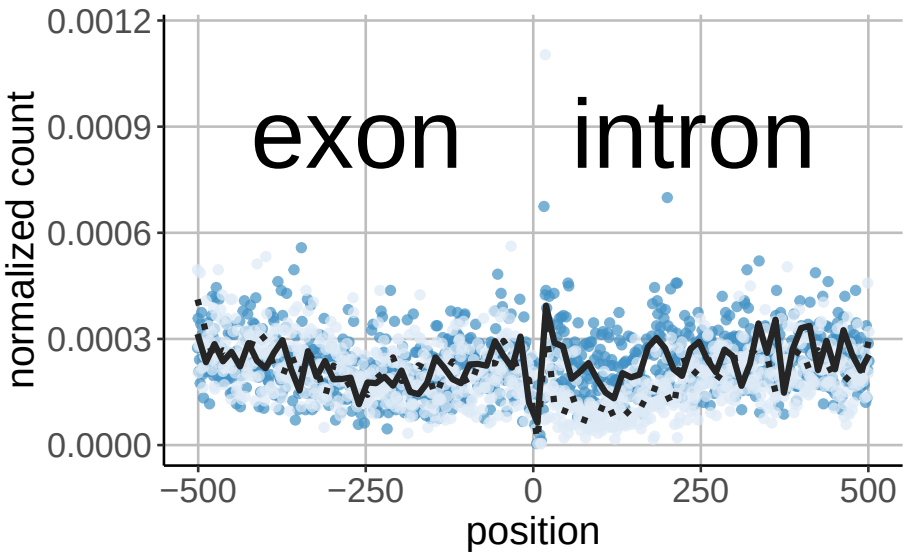

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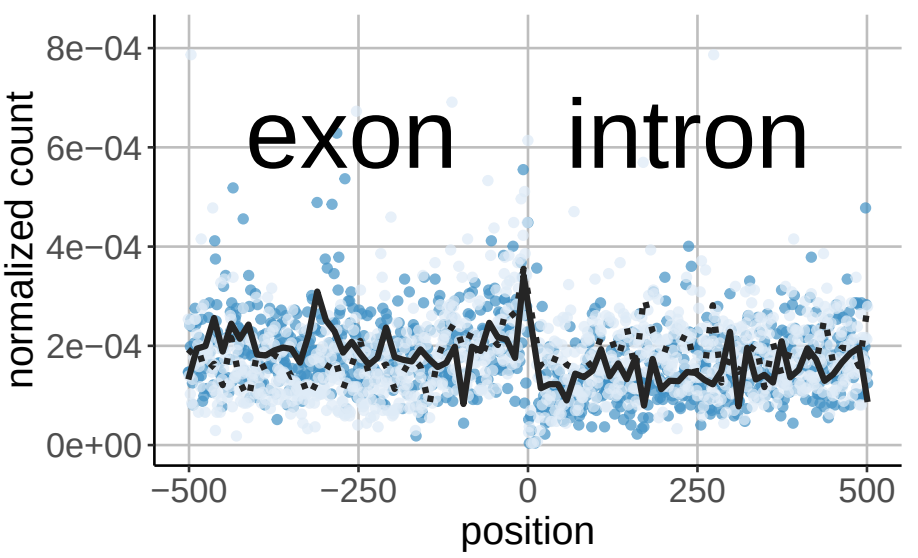

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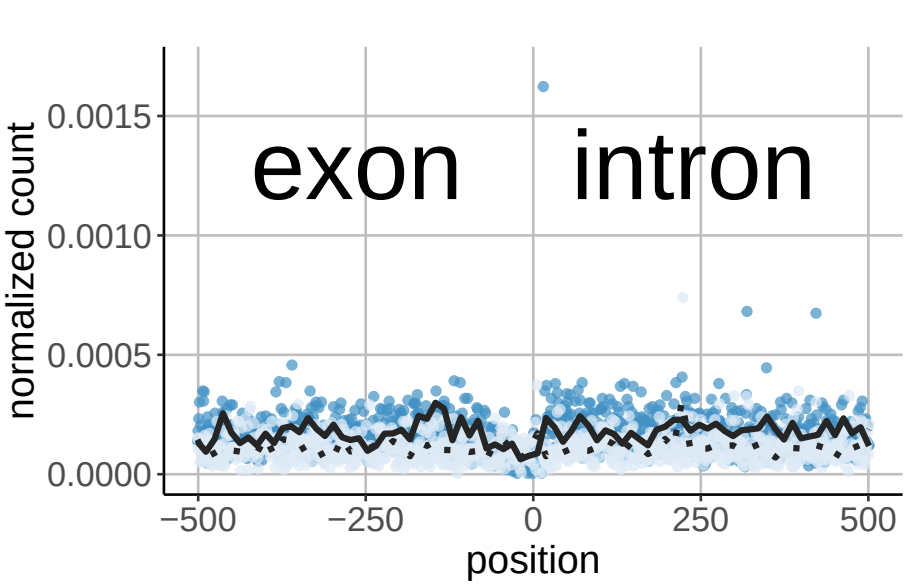

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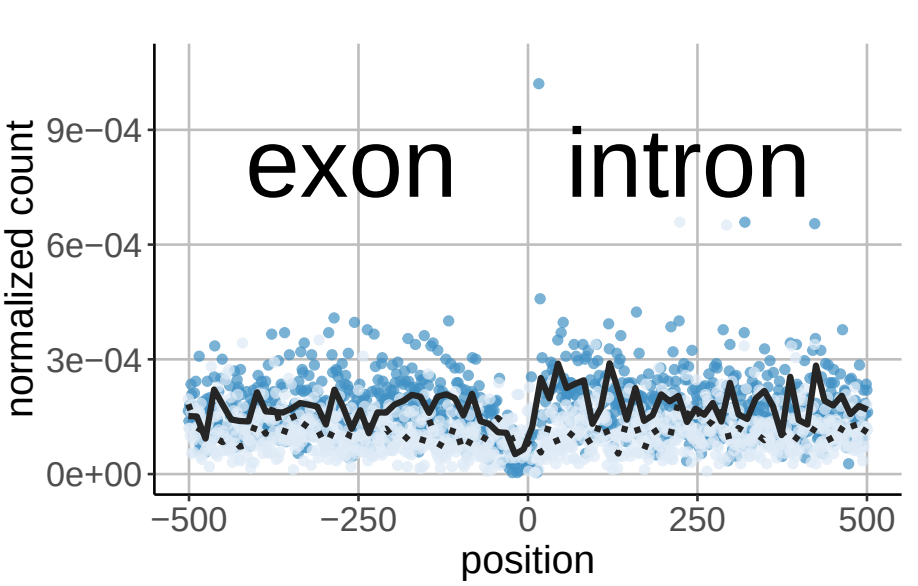

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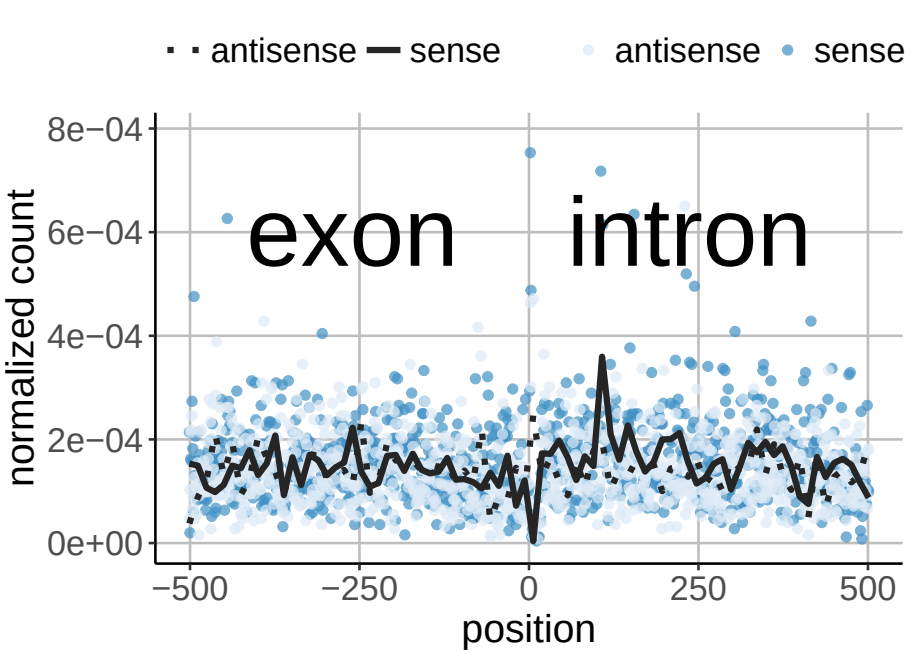

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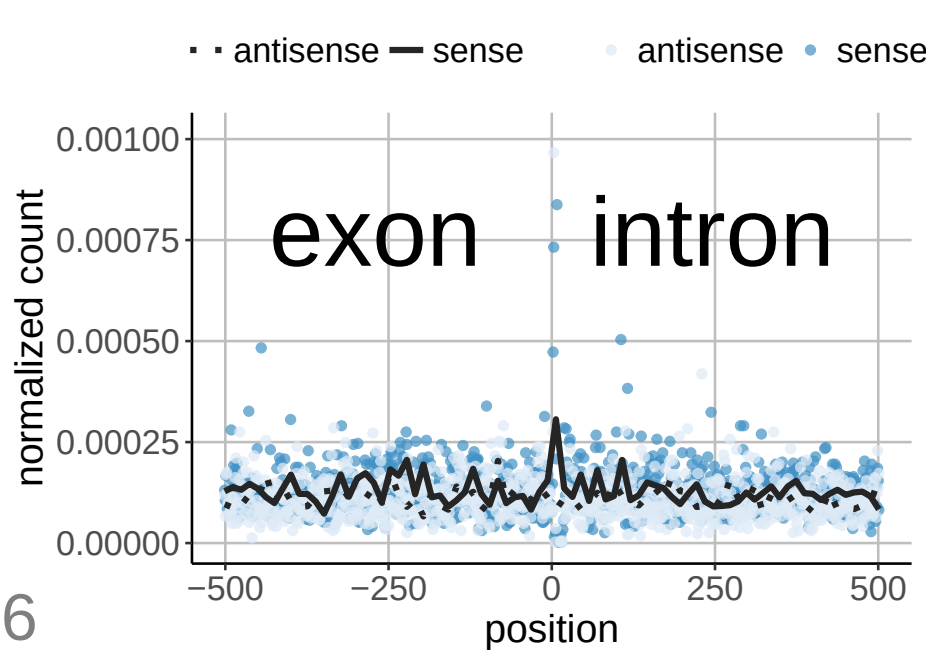

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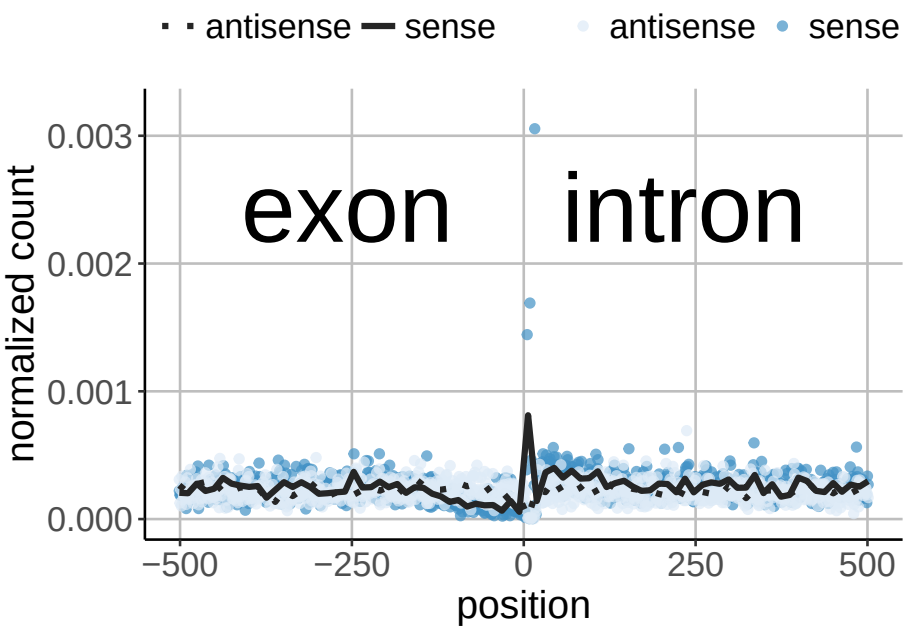

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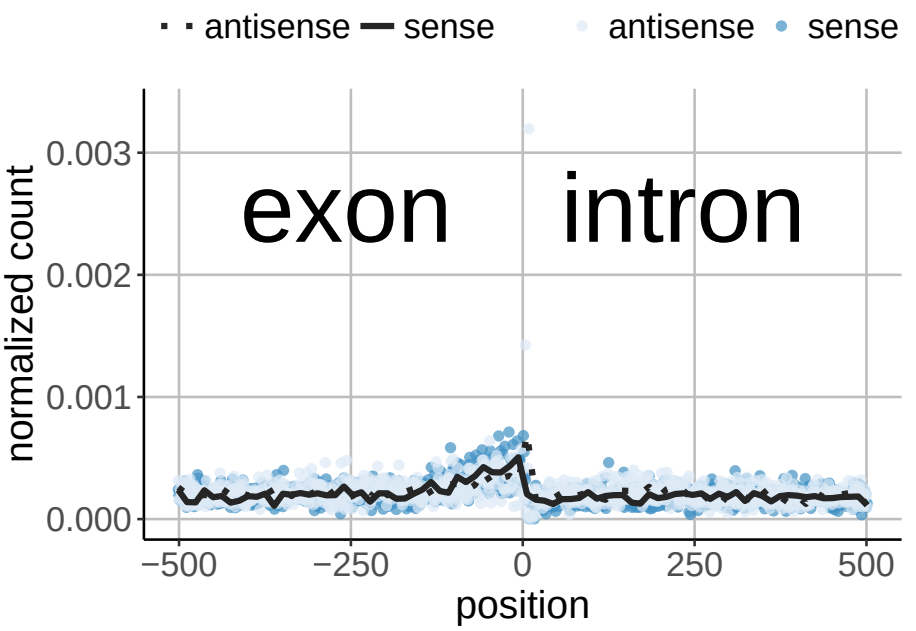

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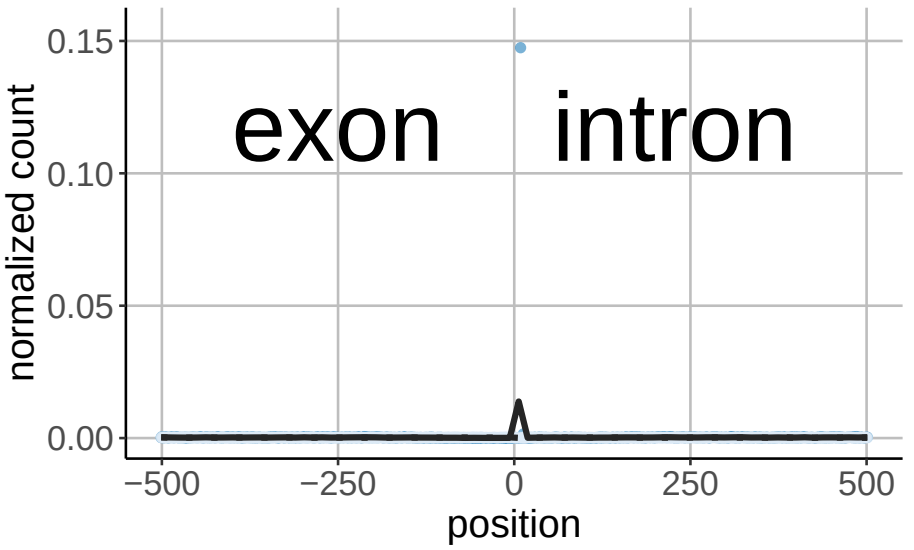

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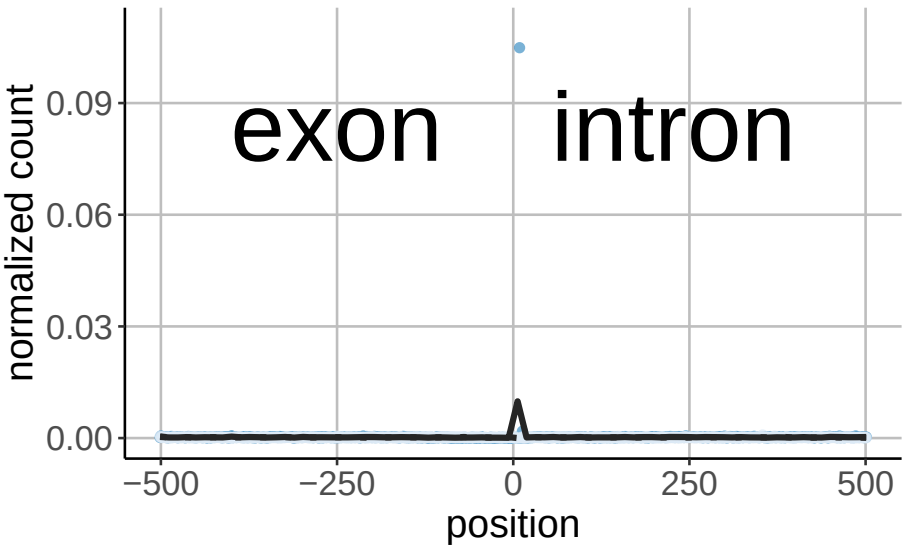

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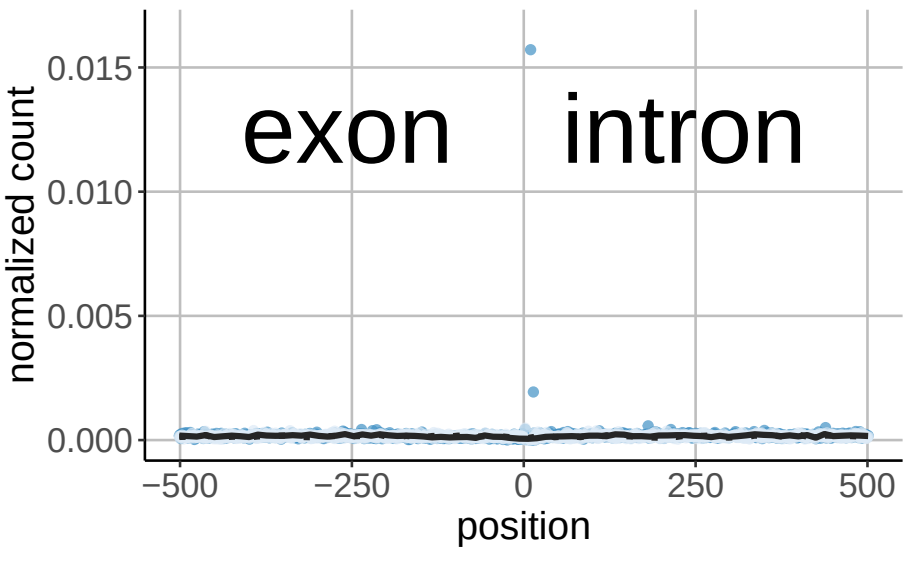

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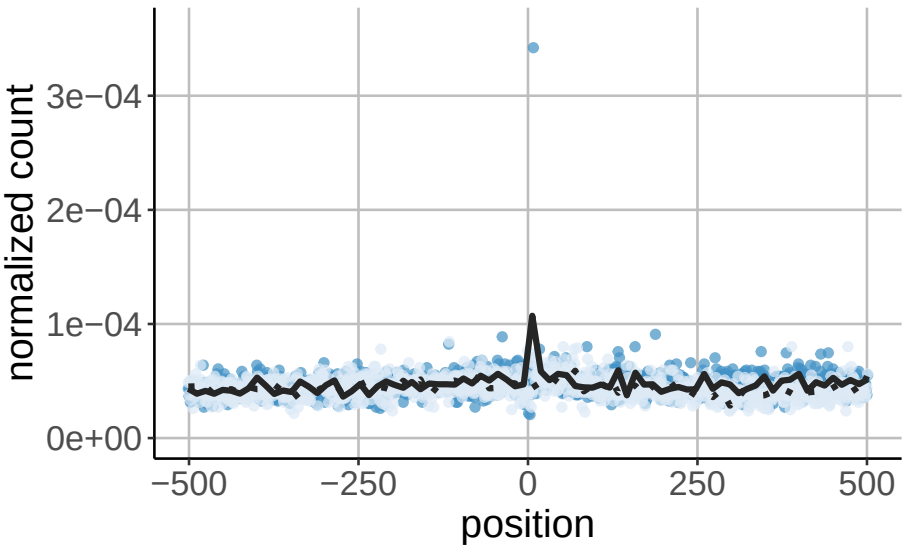

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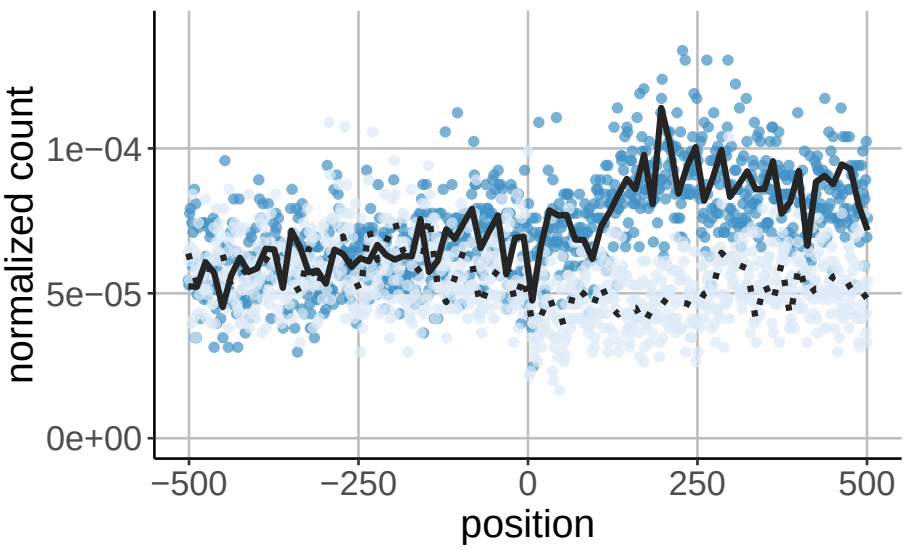

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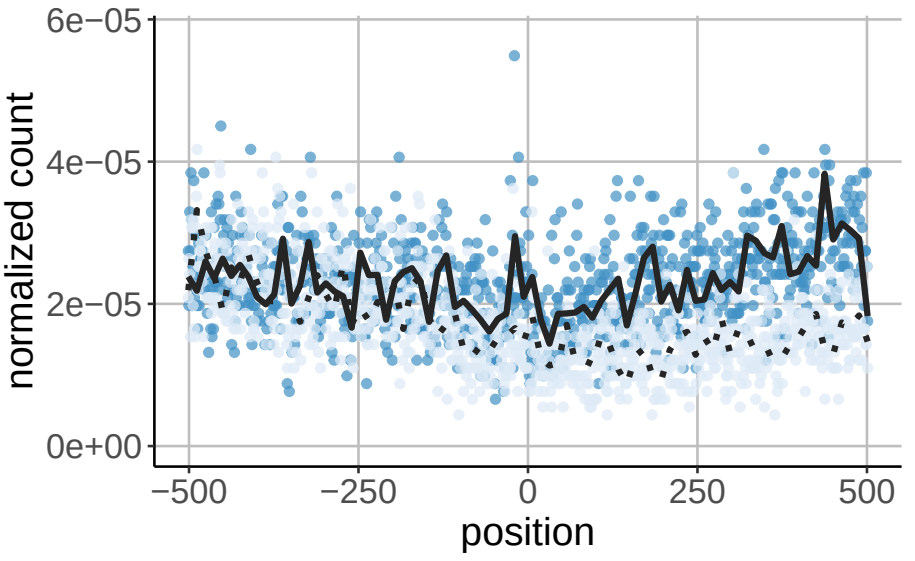

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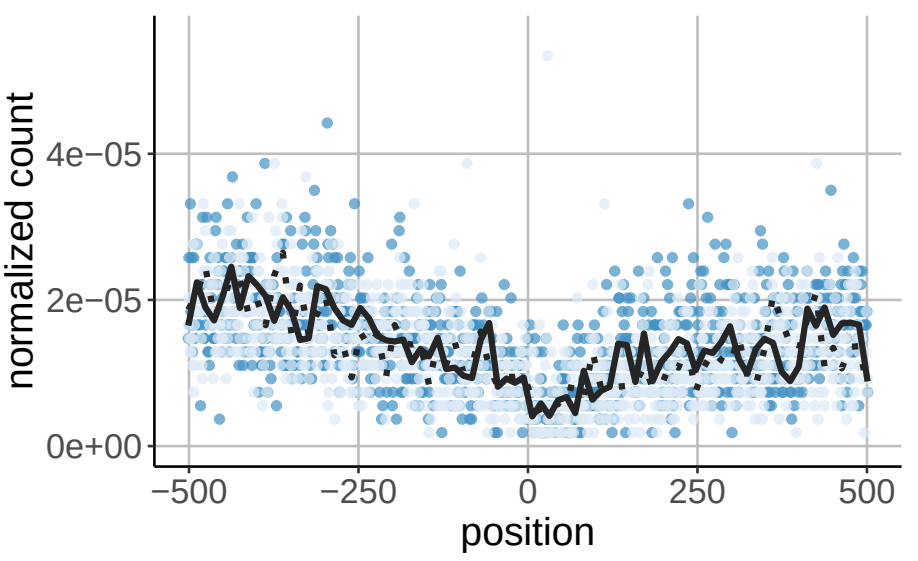

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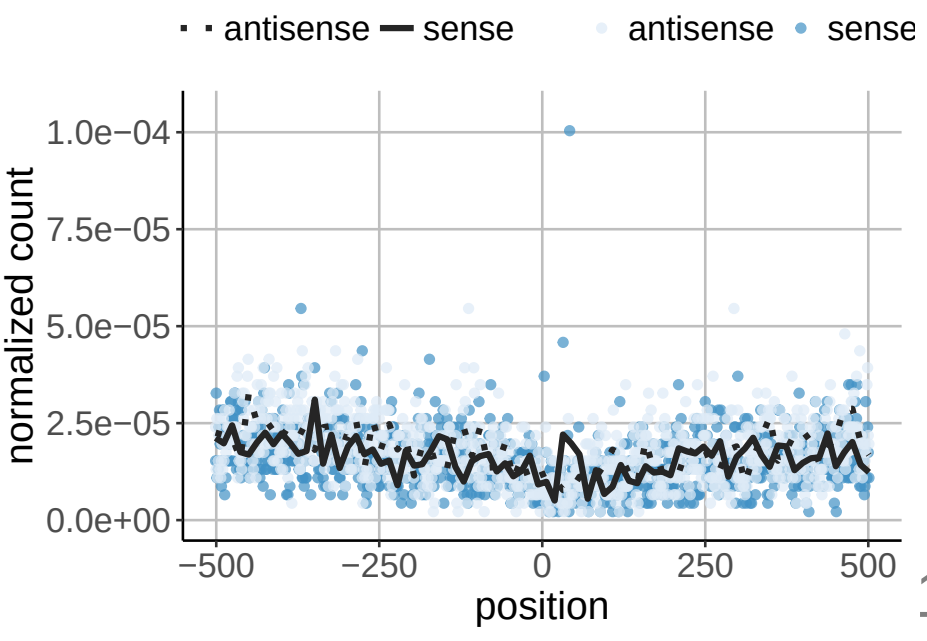

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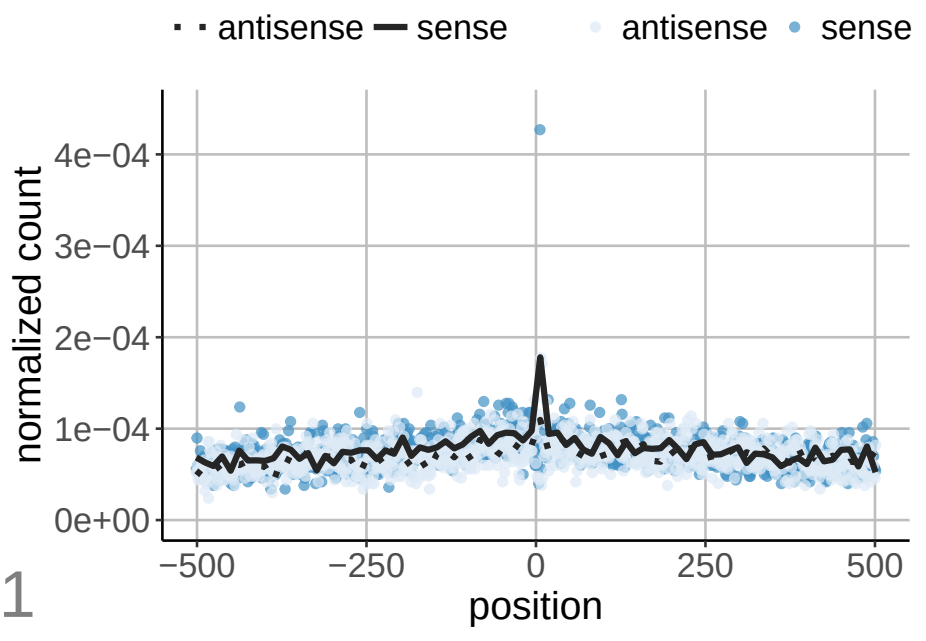

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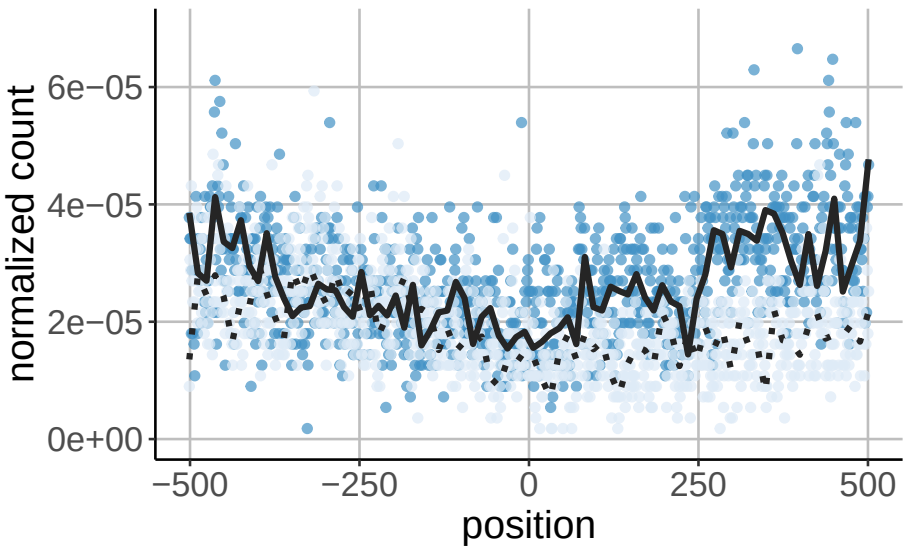

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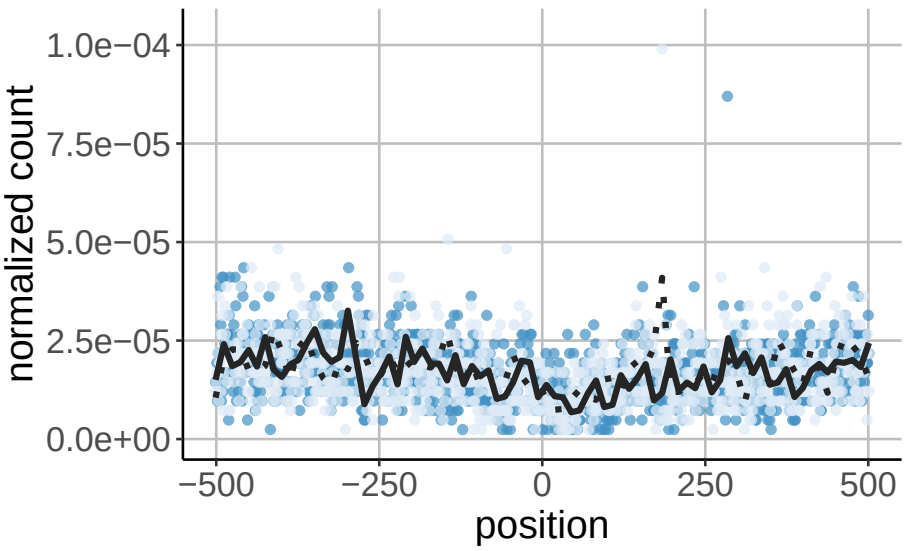

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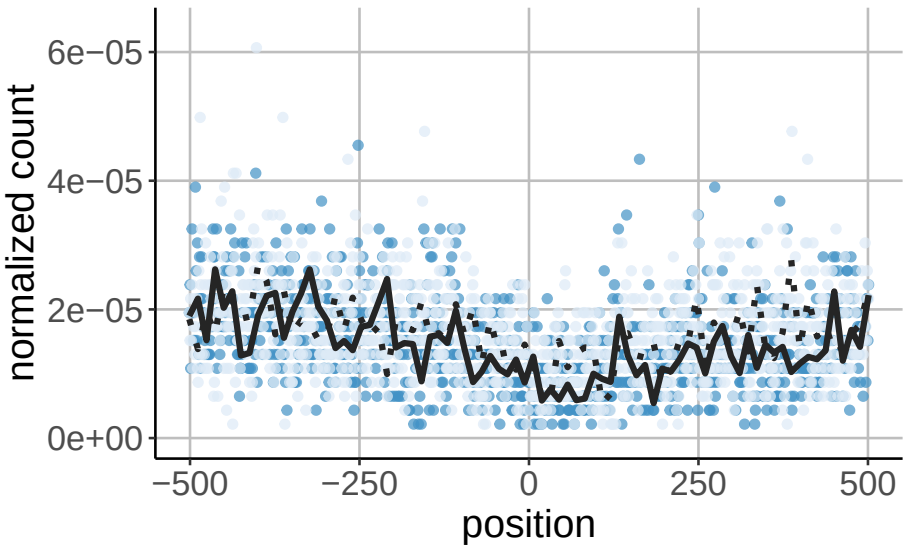

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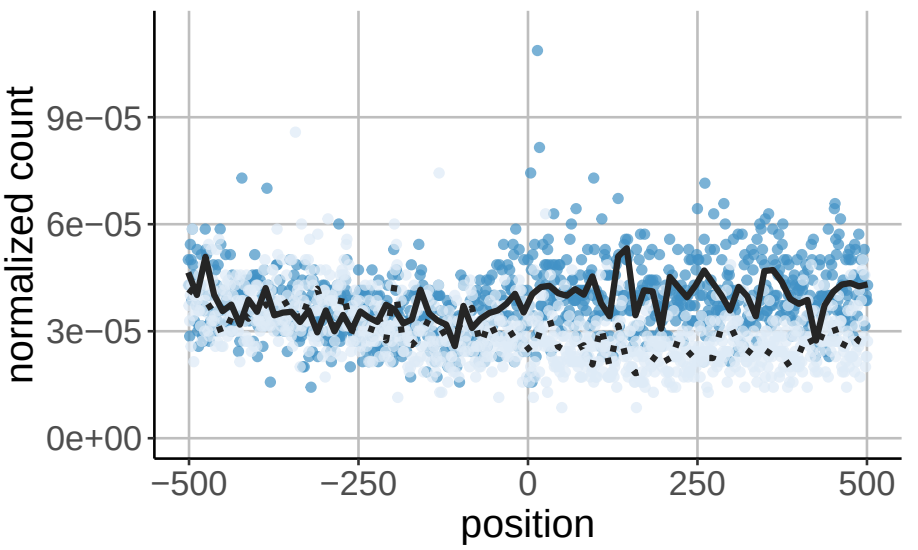

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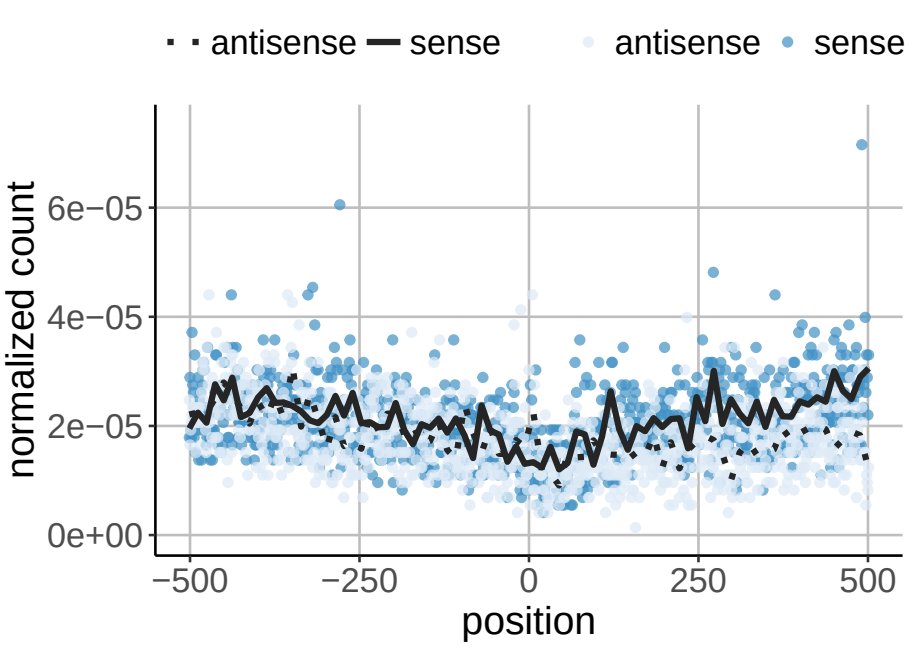

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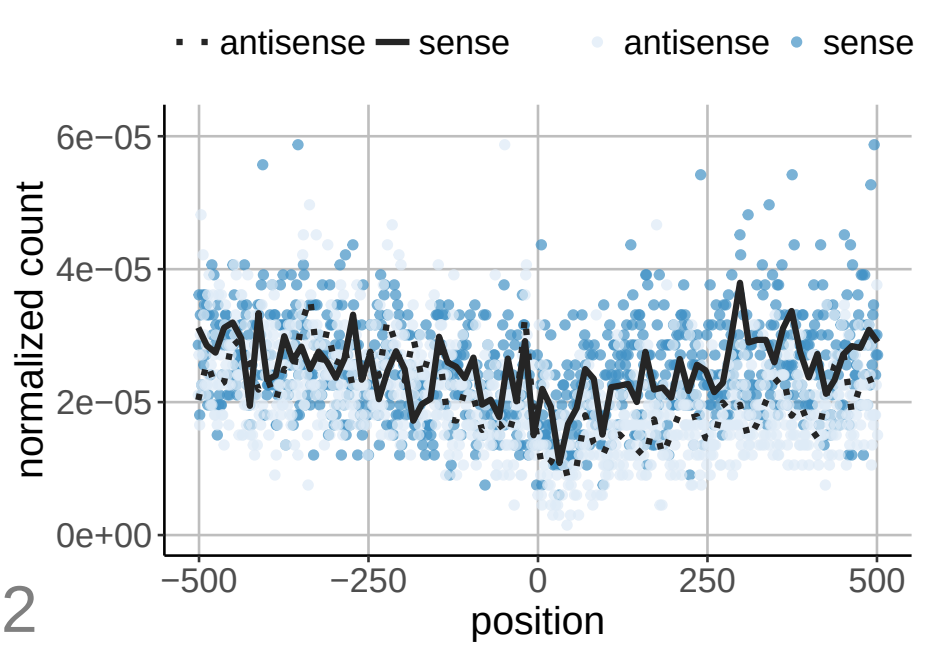

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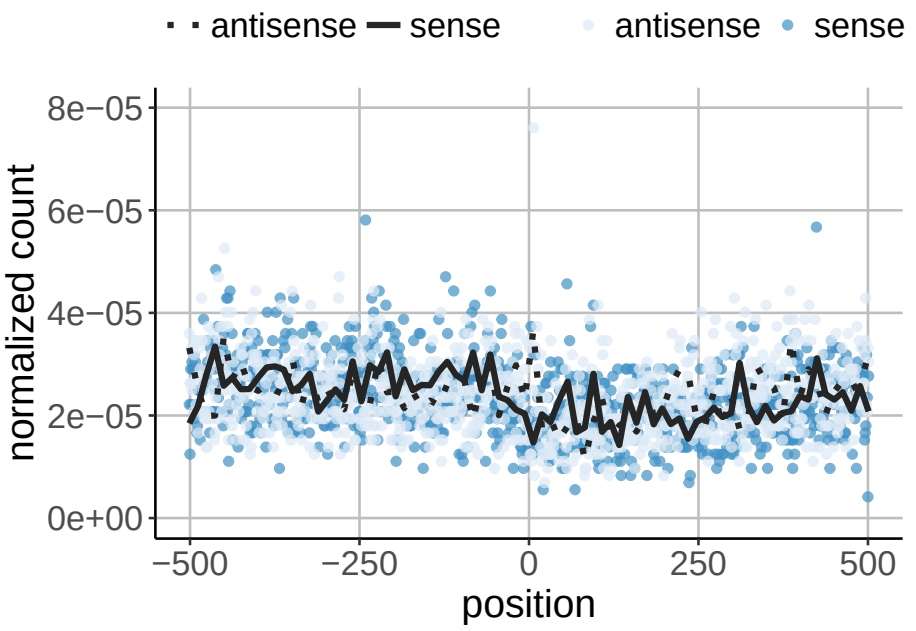

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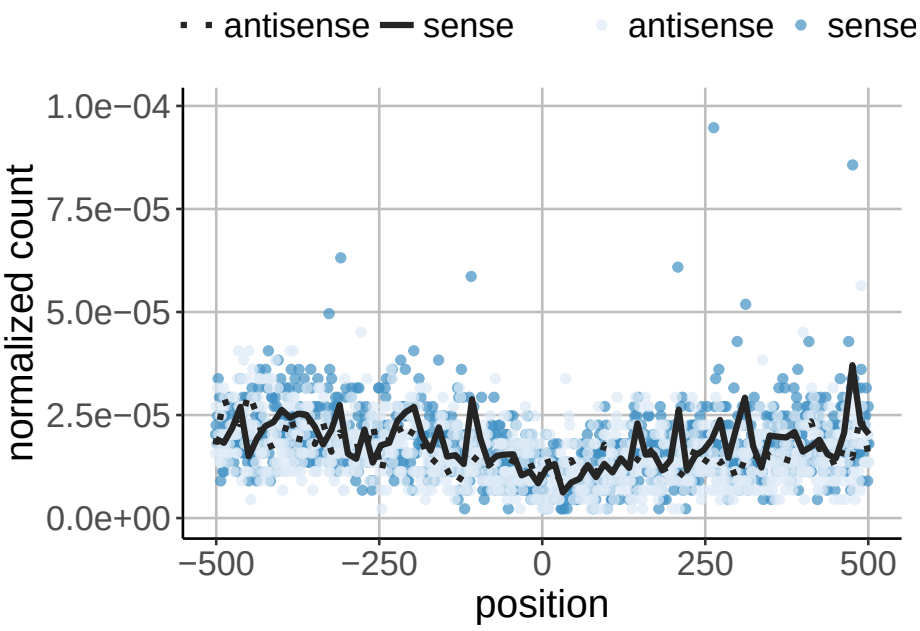

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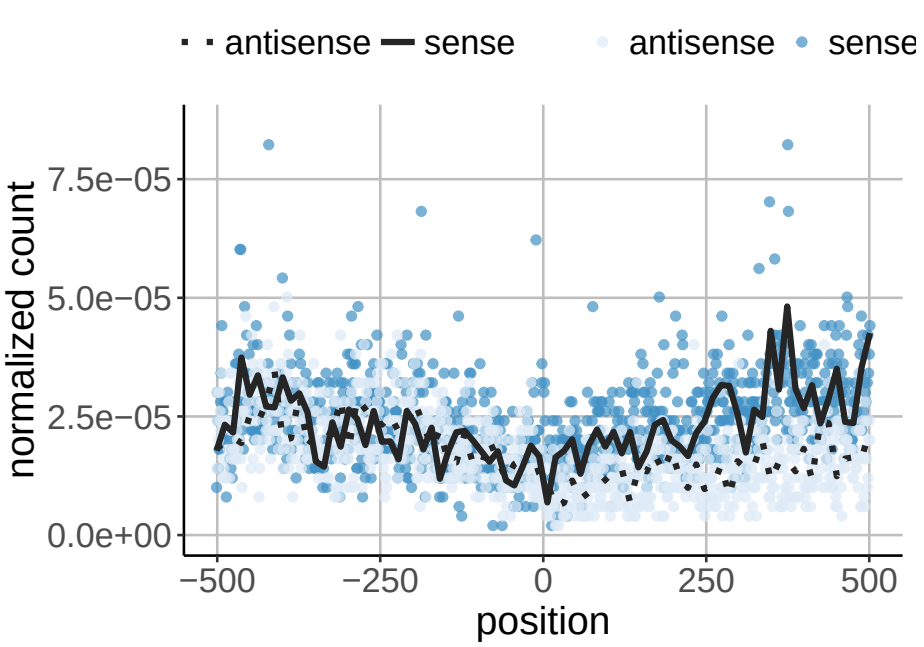

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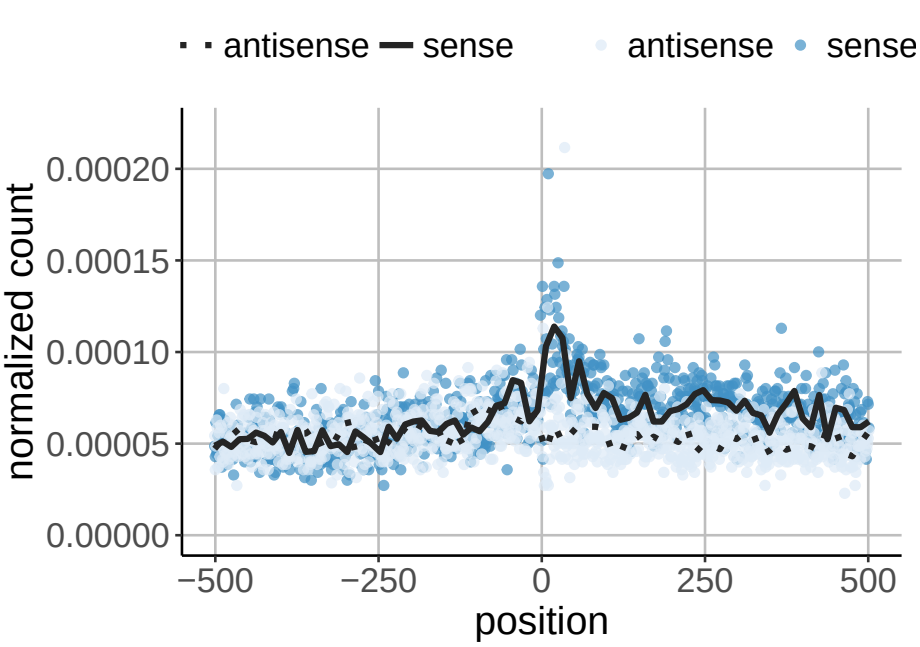

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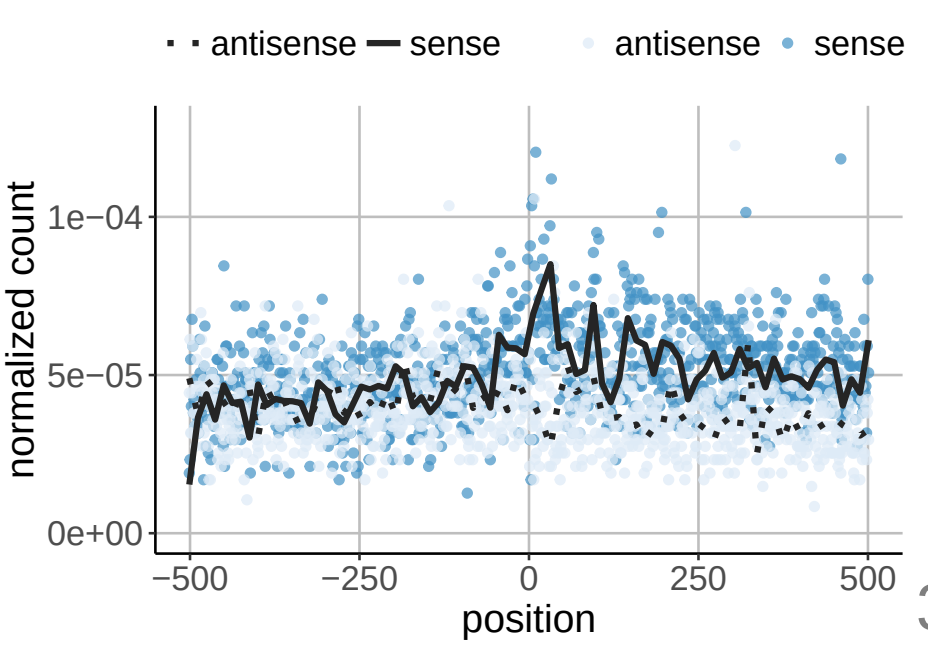

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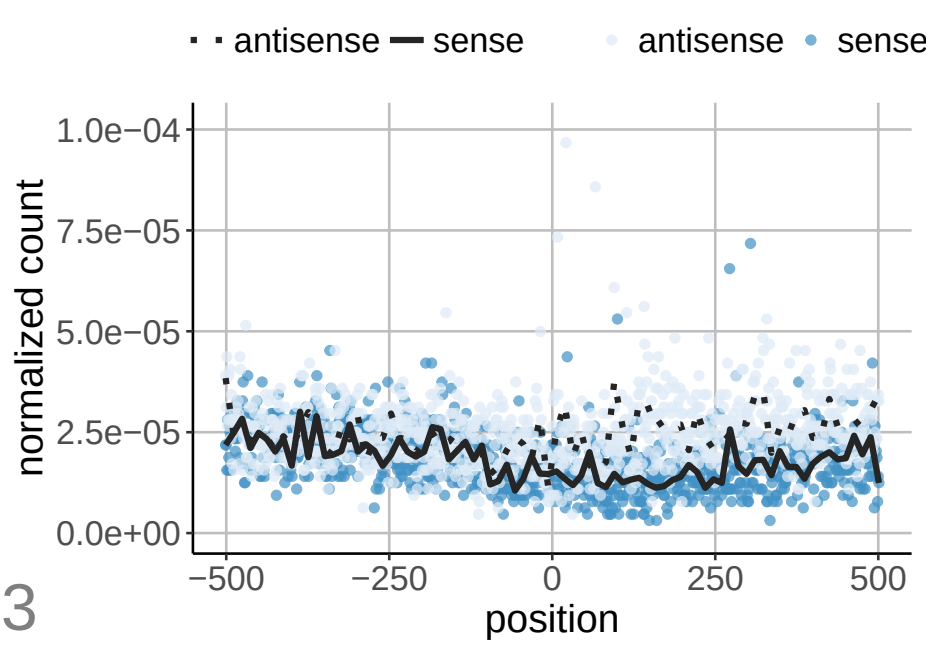

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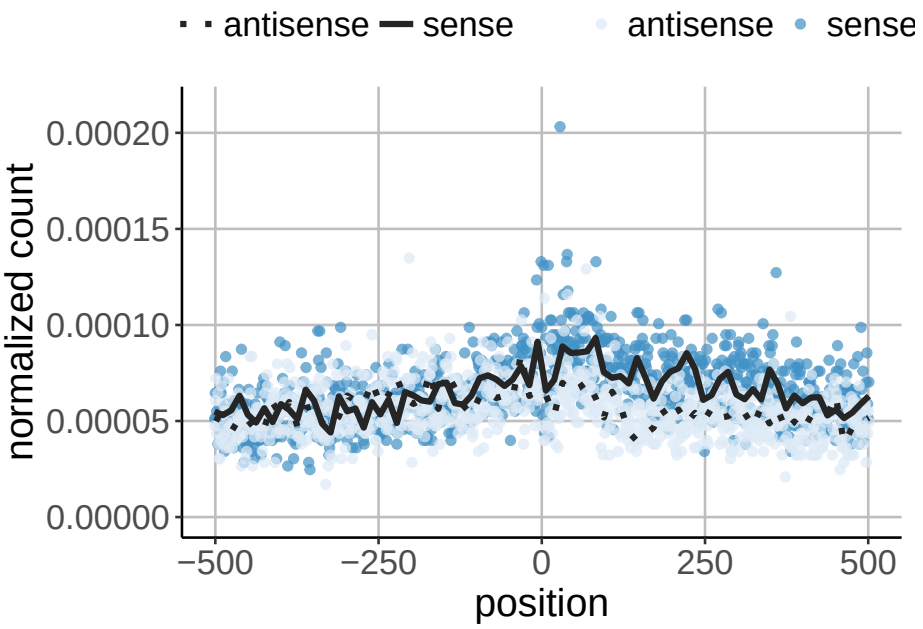

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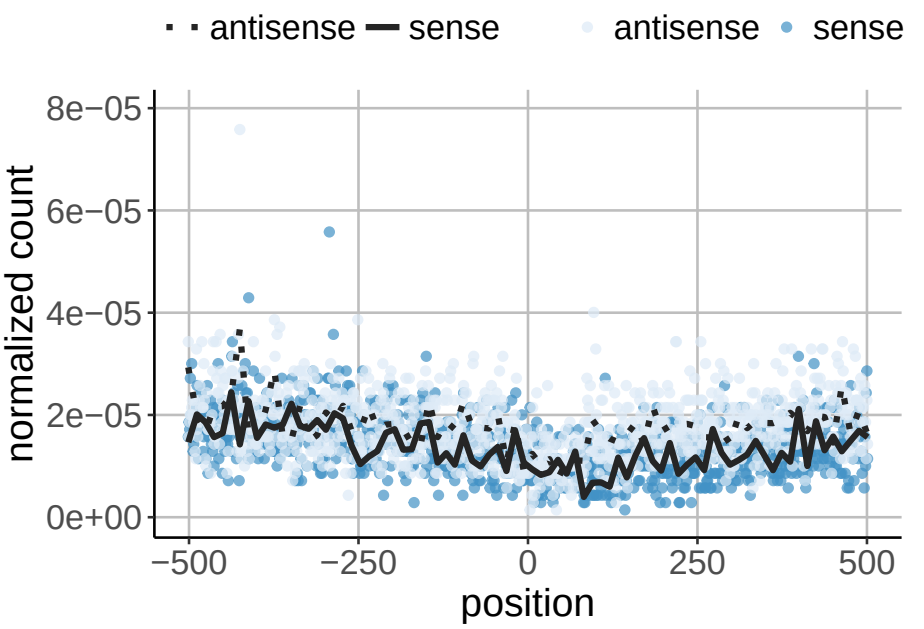

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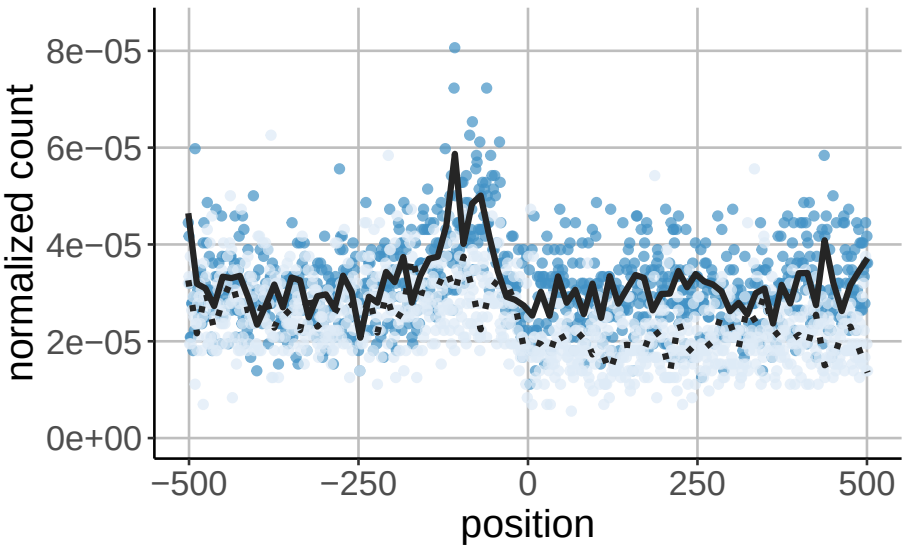

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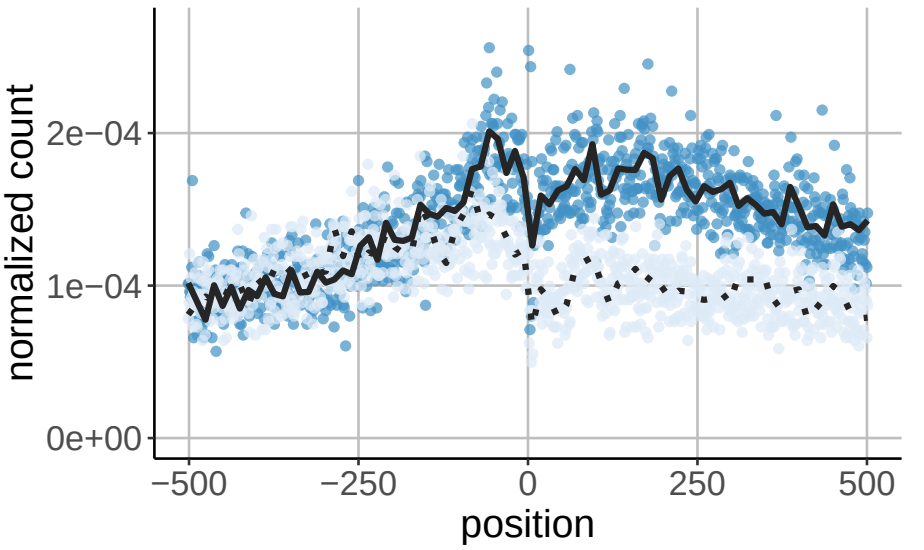
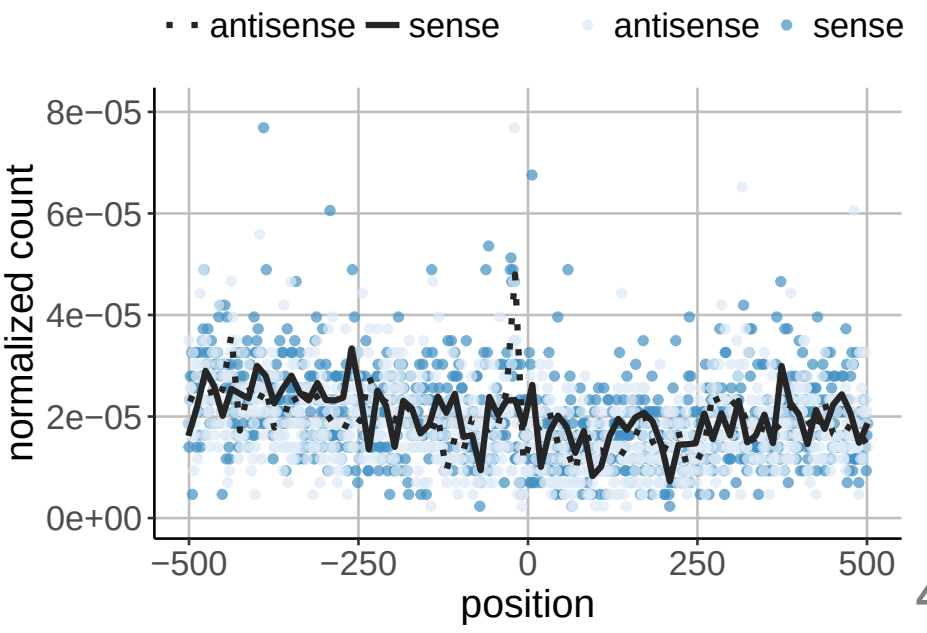


RBMS2−CGNUAUAUAG



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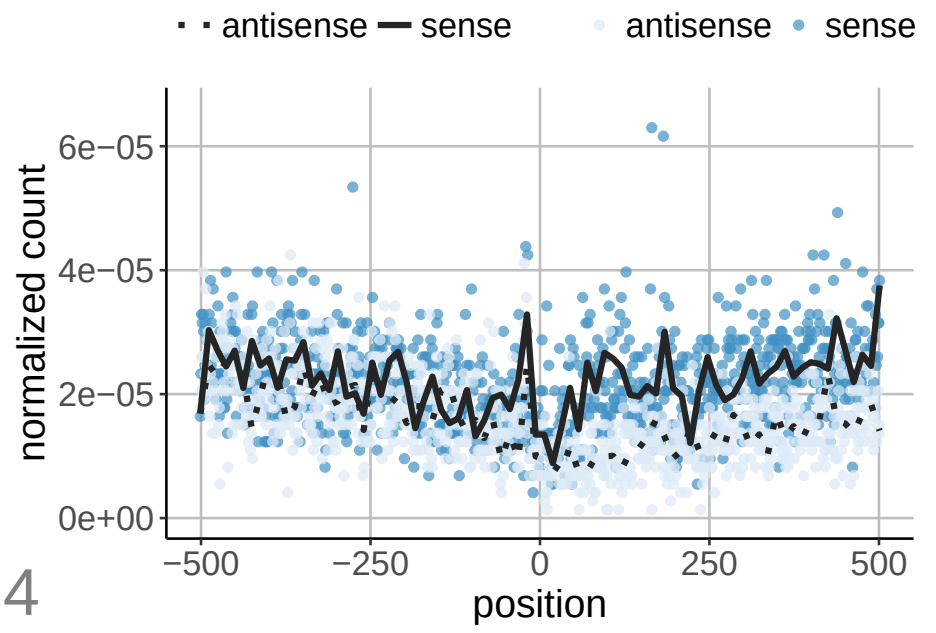

TSS

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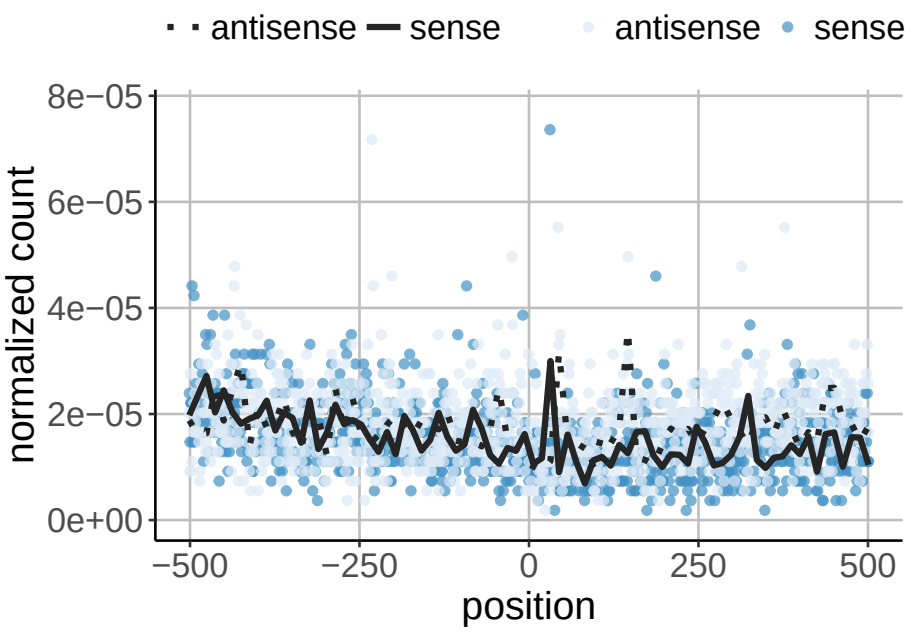
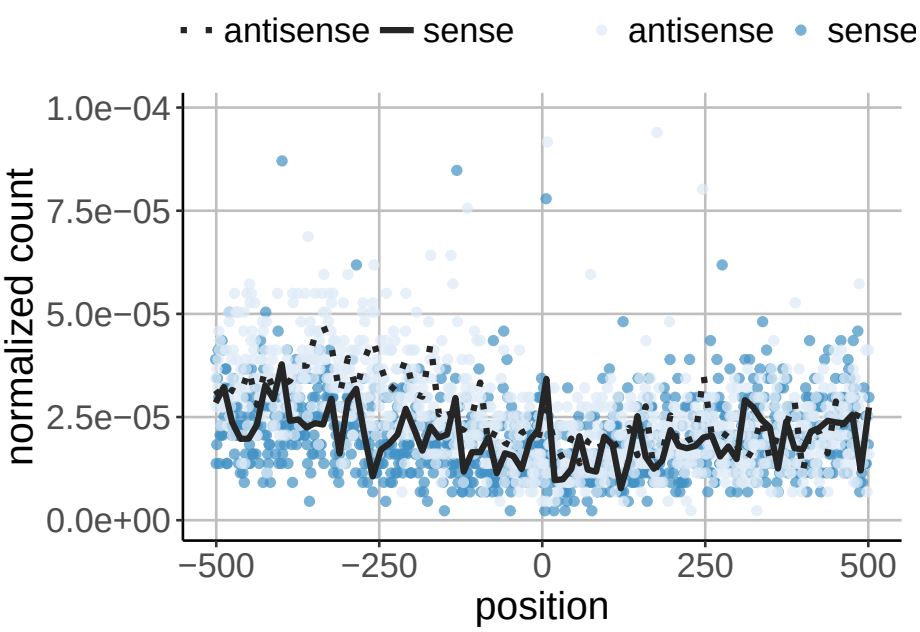


NOVA2_3−UCAUUCAU



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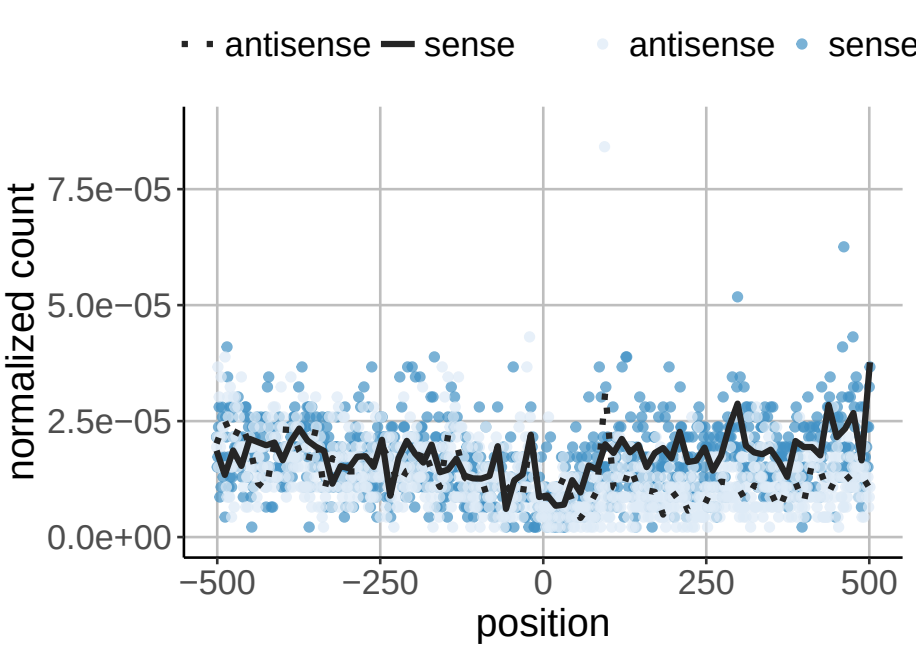

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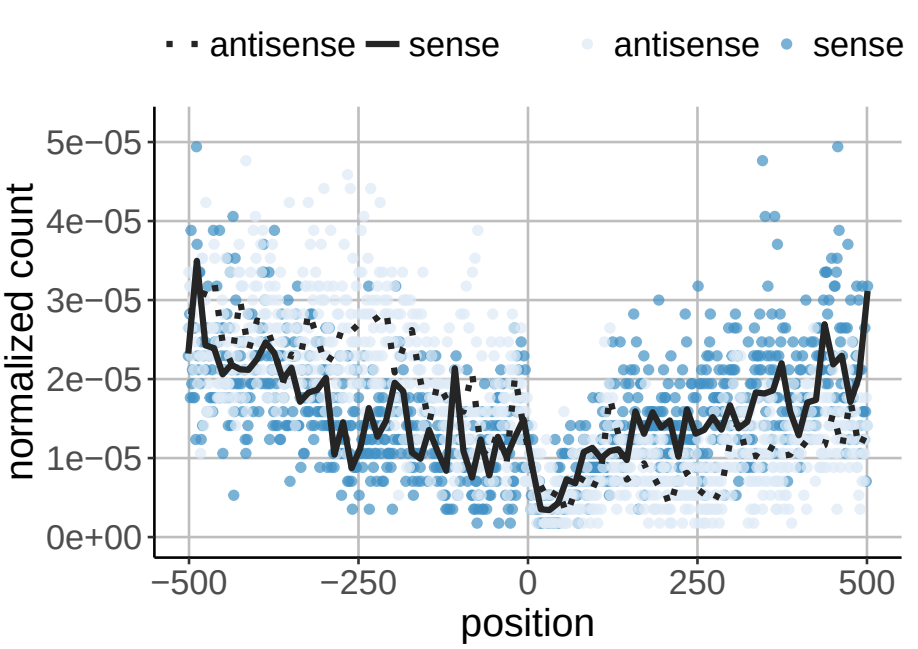

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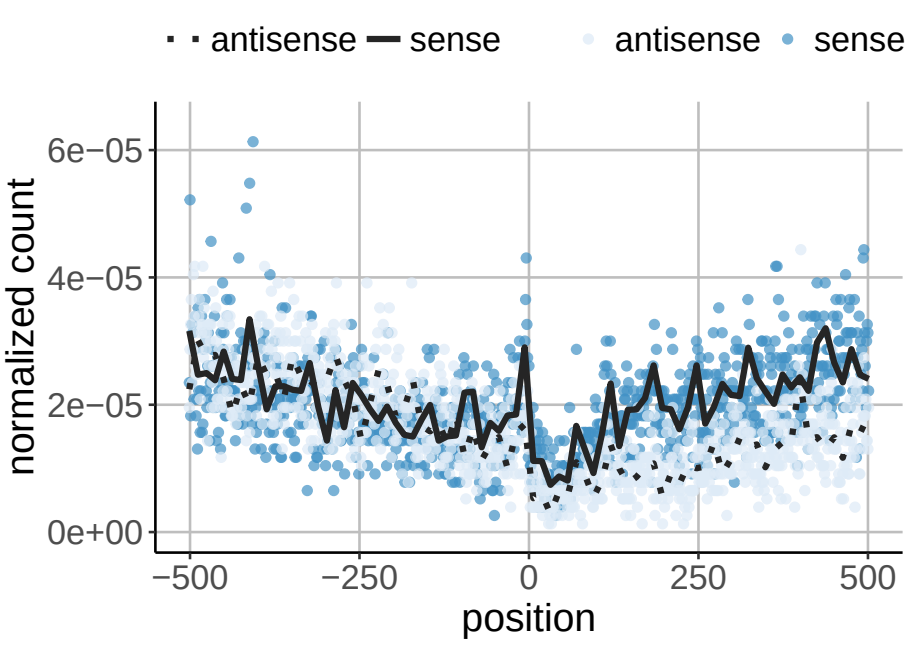
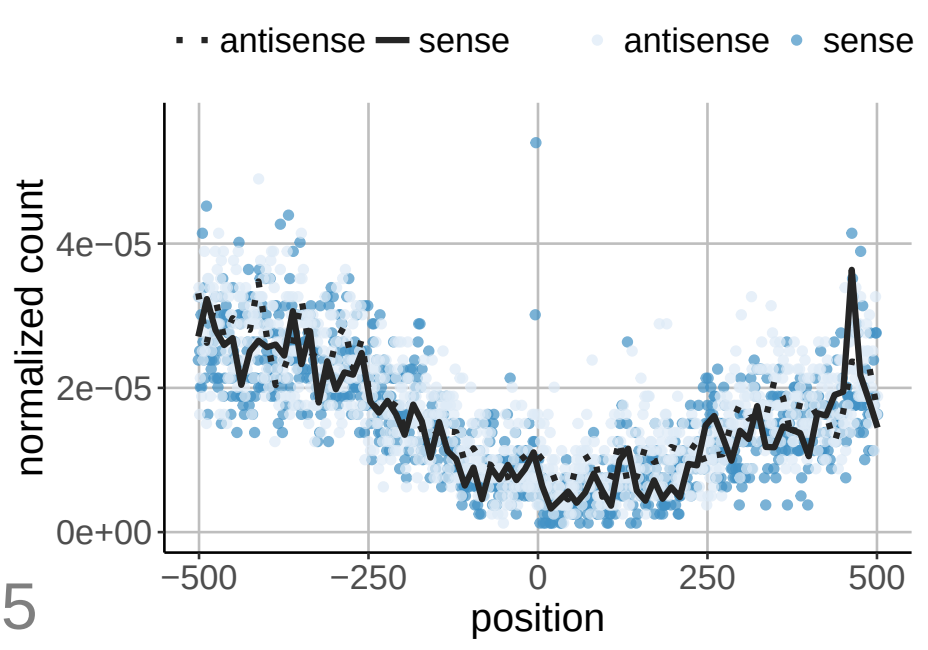
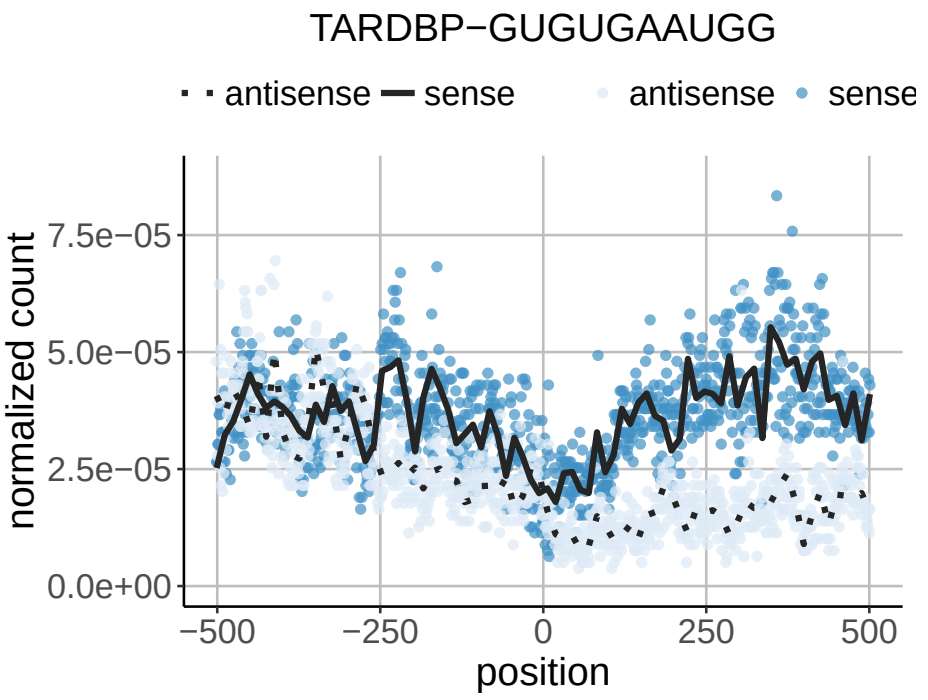


QKI−ACUAACANNACUAACA

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sense
antisense
sense
normalized count
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2.5e−05
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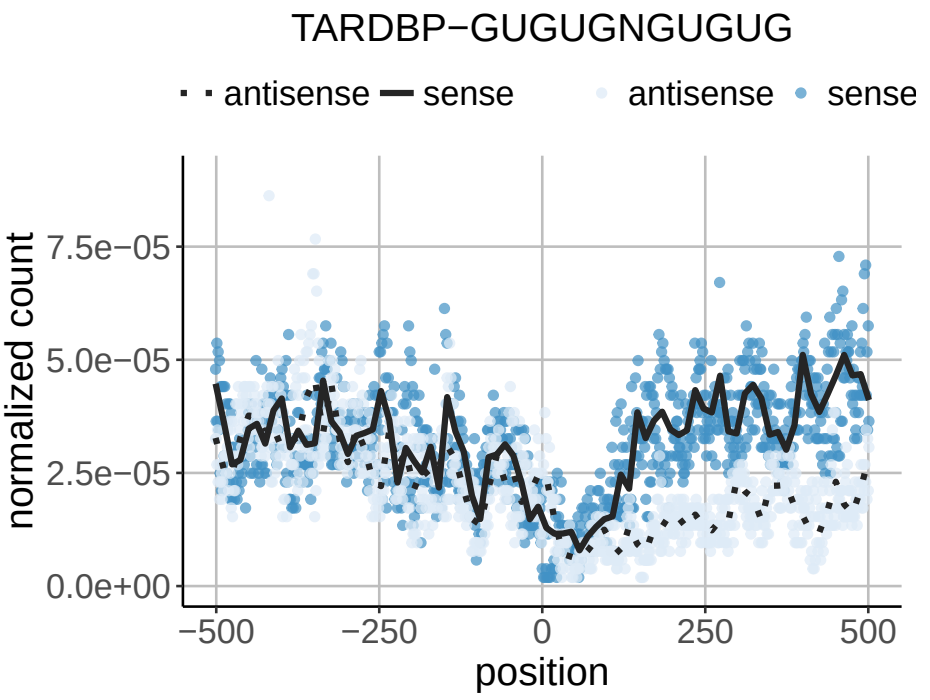
−250
0
250
500
position


TARDBP−GUGUGNGUGUG
antisense
sense
antisense
sense
normalized count
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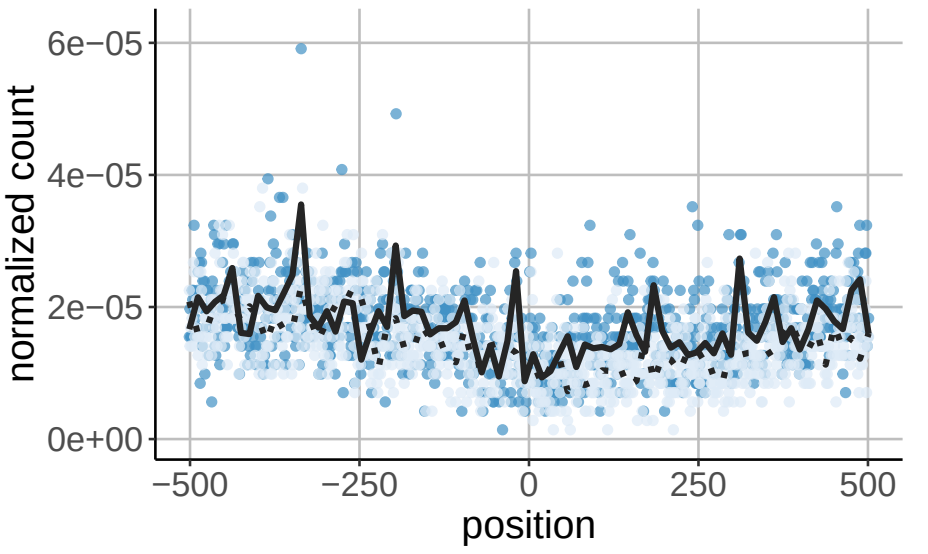
position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sense
antisense
sense
count
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4e−05
2e−05
0e+00
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0
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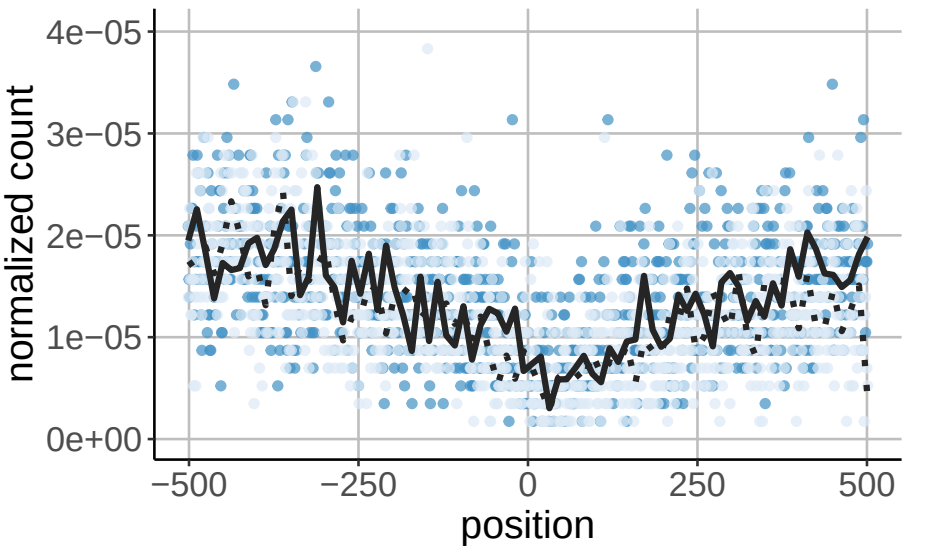
500
position


PUM2−NUGUAAAUAGKN
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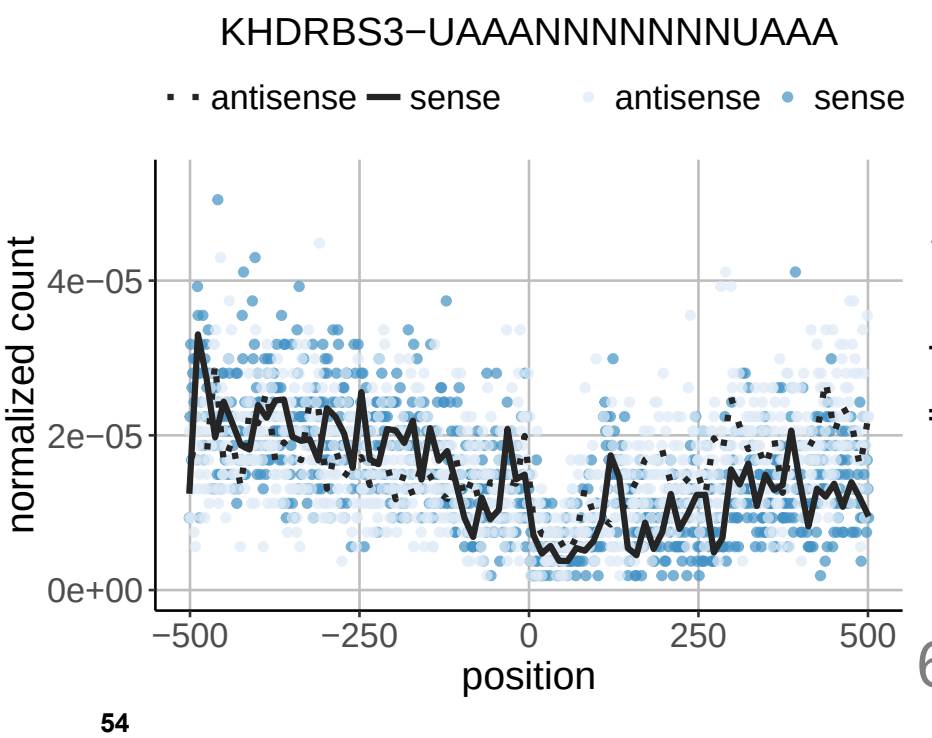
sense
antisense
sense
count
4e−05
3e−05
2e−05
1e−05
0e+00
−500
−250
0
250
500
position


KHDRBS3−UAAANNNNNNNUAAA
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antisense
sense
normalized count
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2e−05
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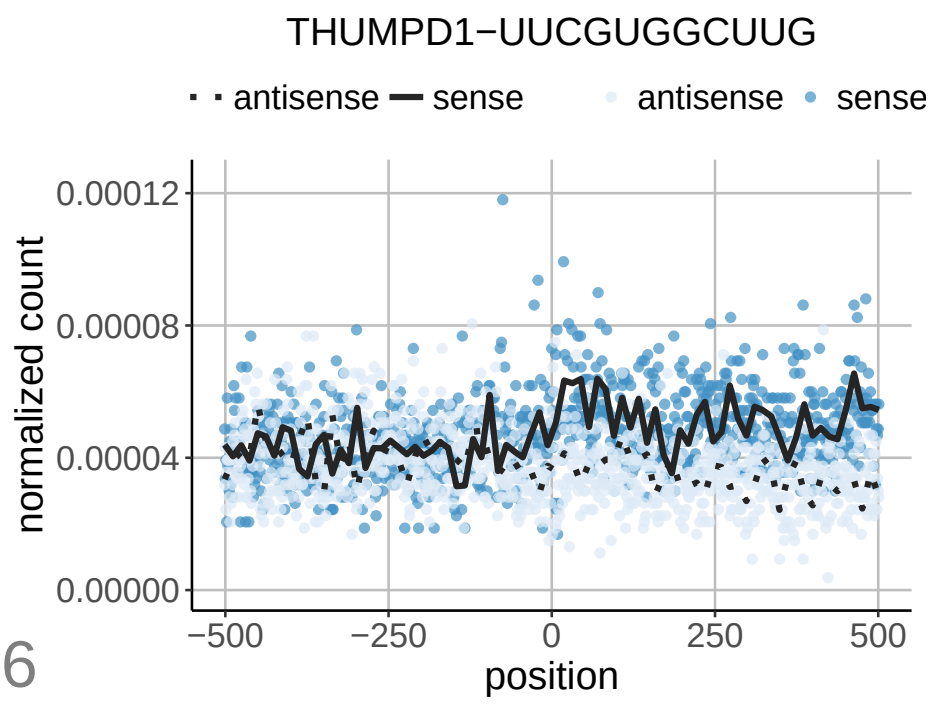
0
250
500
position


THUMPD1−UUCGUGGCUUG
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sense
antisense
sense
normalized count
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0.00004
0.00000
−500
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0
250
500
position

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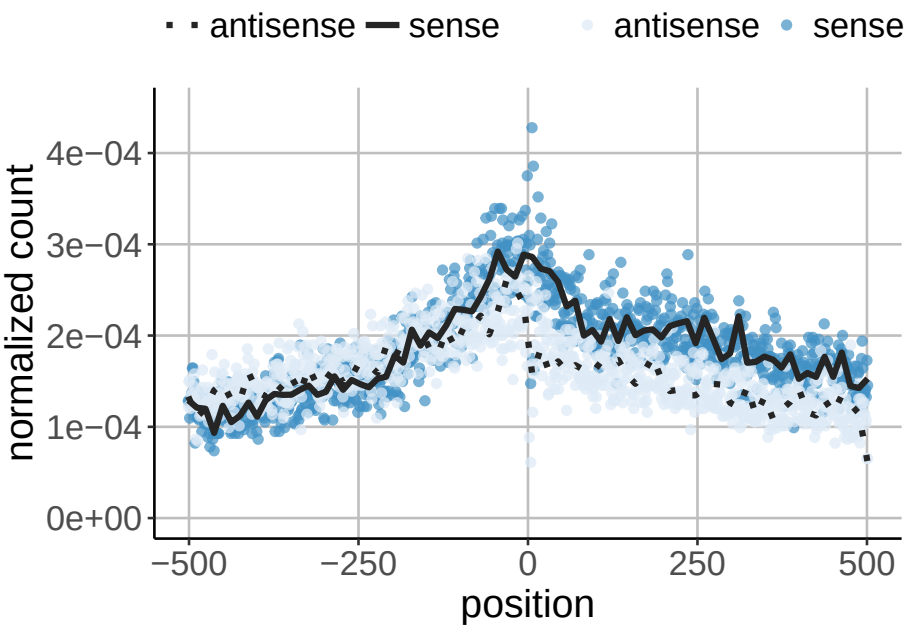

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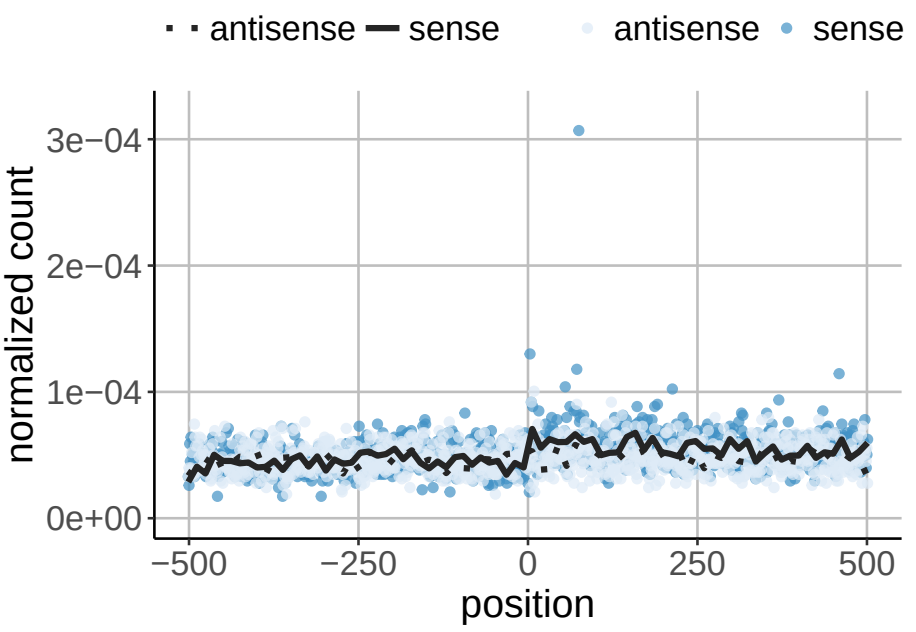

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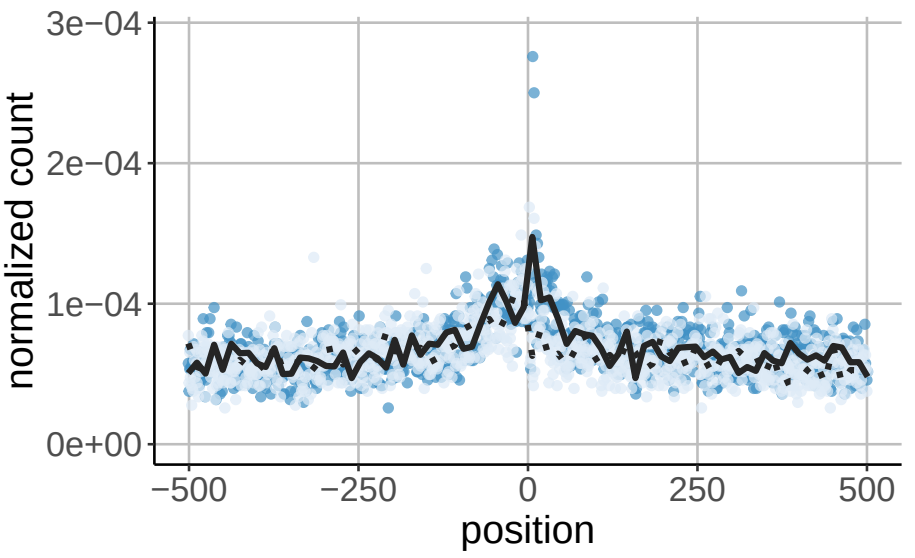

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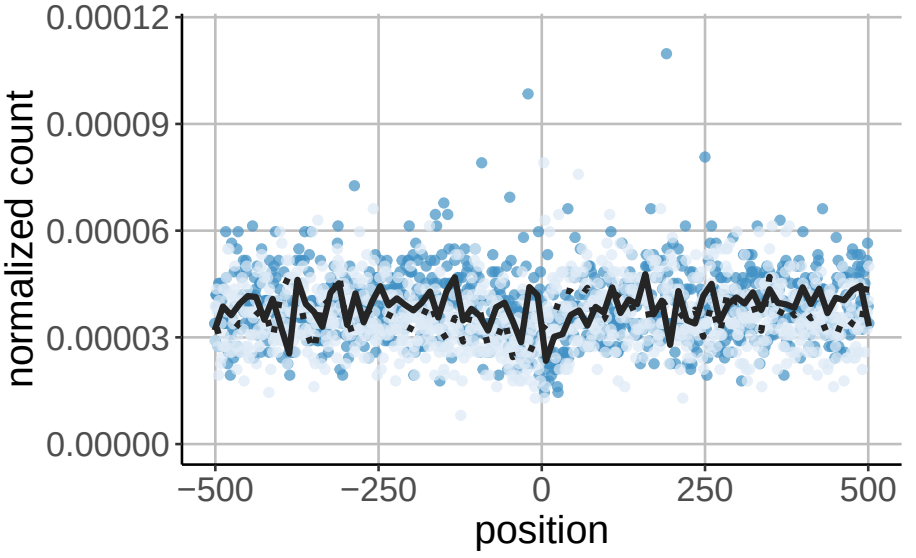
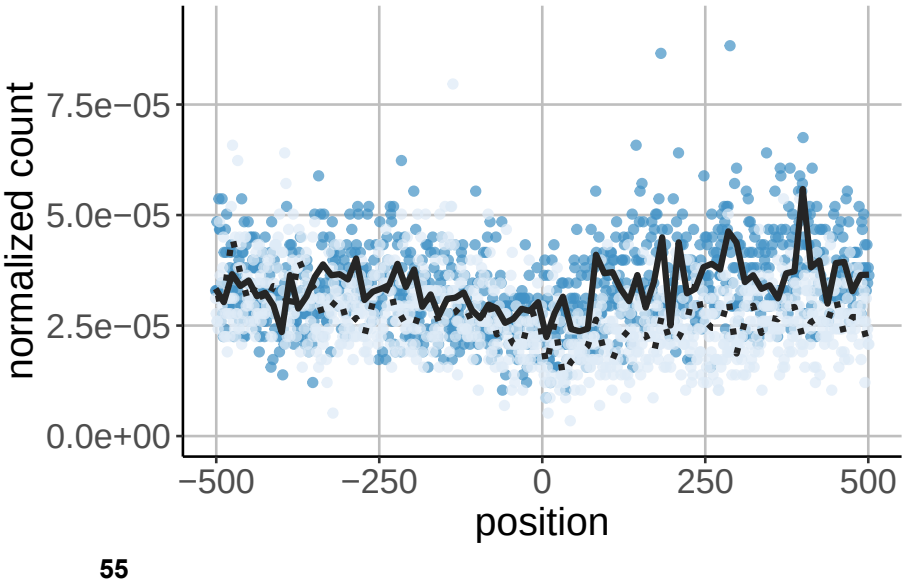
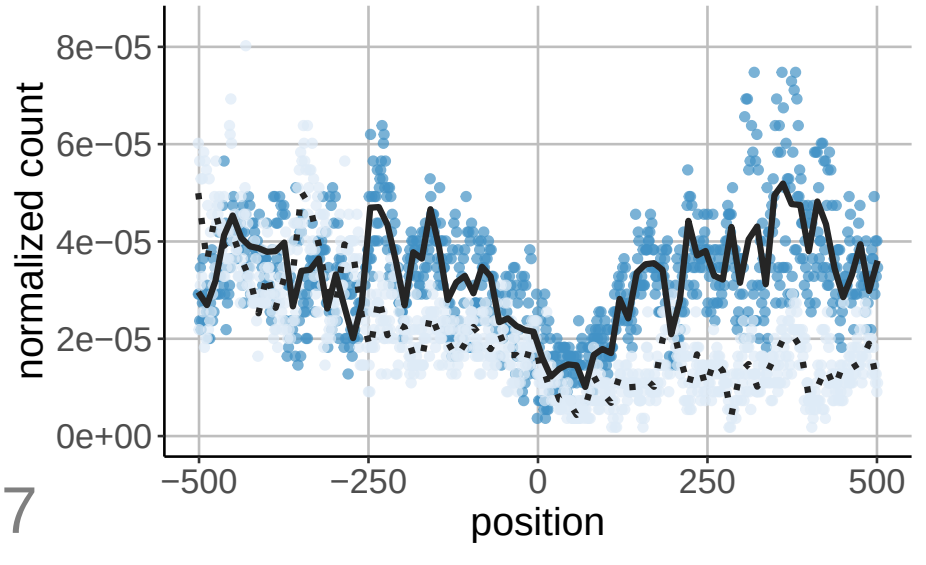
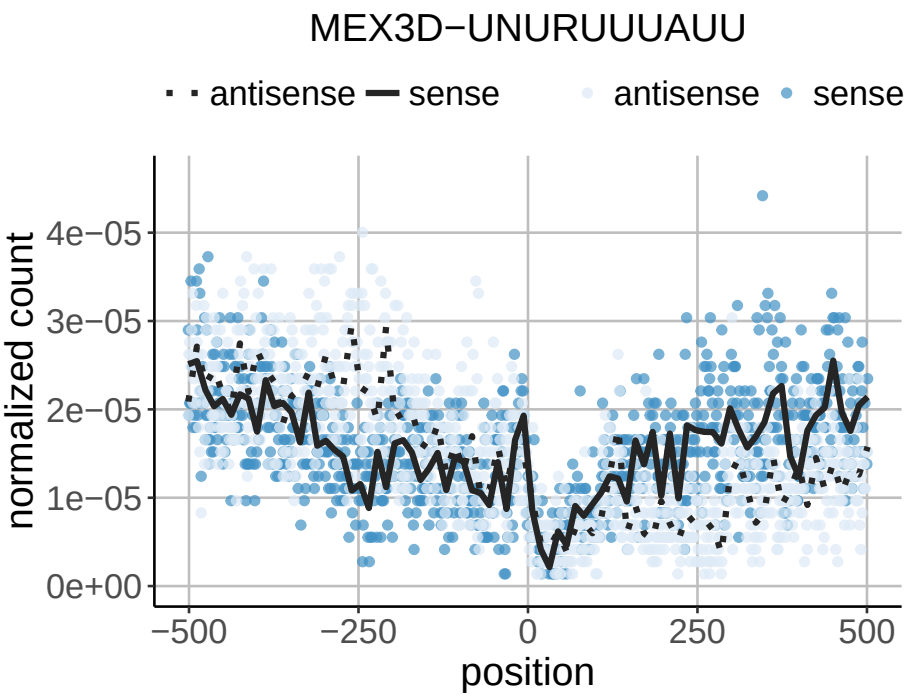


HNRNPA3−UAGGUUAGGG



RBM38−KKGUGUGUGUGUKK




MEX3D−UNURUUUAUU
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antisense sense
normalized count
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1e−05
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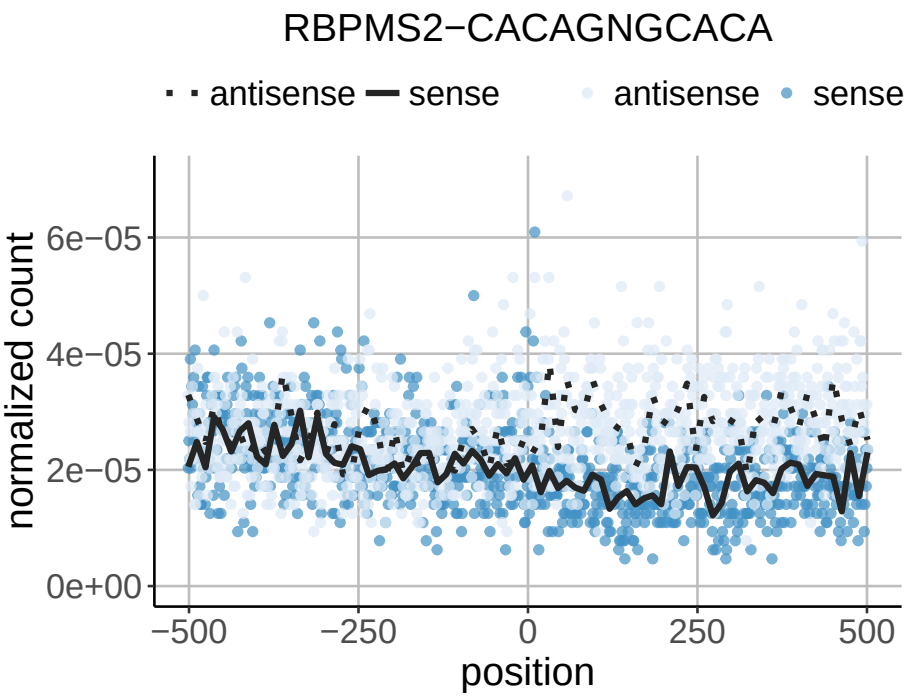
0
250
500
position


RBPMS2−CACAGNGCACA
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antisense sense
normalized count
6e−05
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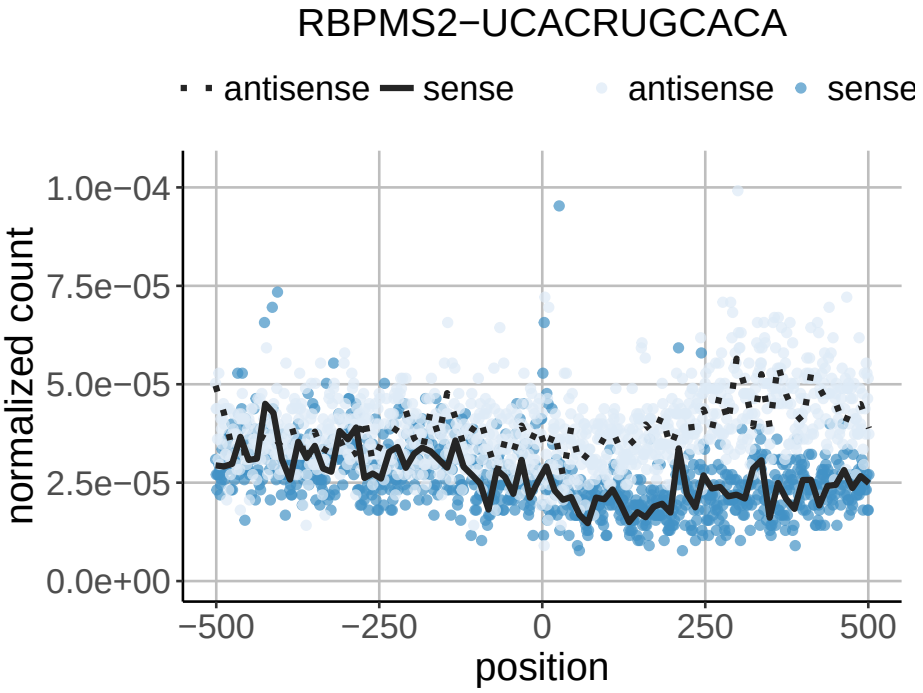
2e−05
0e+00
−500
−250
0
250
500
position


RBPMS2−UCACRUGCACA
antisense sense
antisense sense
normalized count
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5.0e−05
2.5e−05
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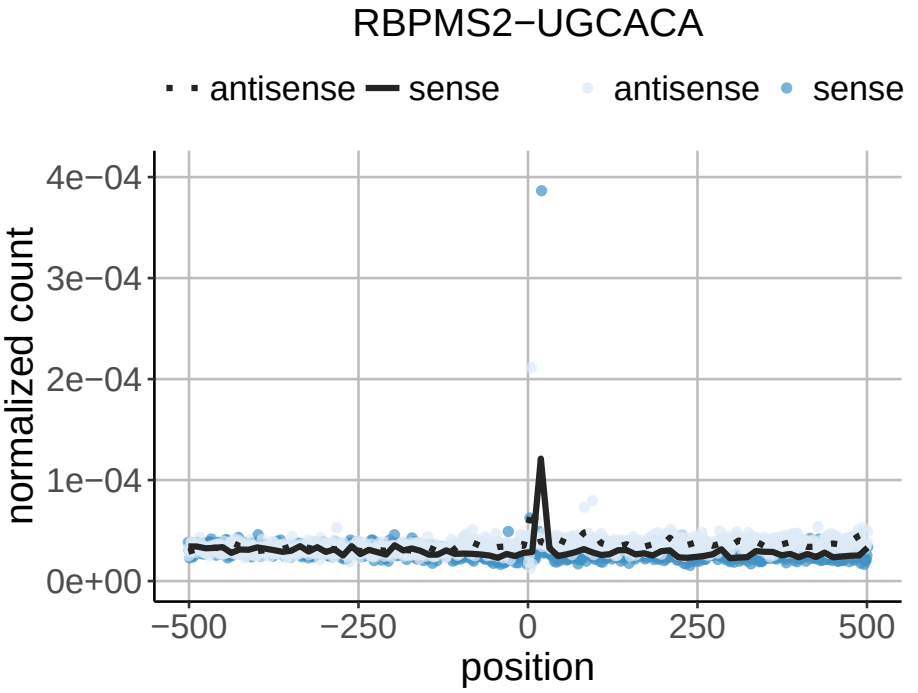
0
250
500
position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antisense sense
antisense sense
normalized count
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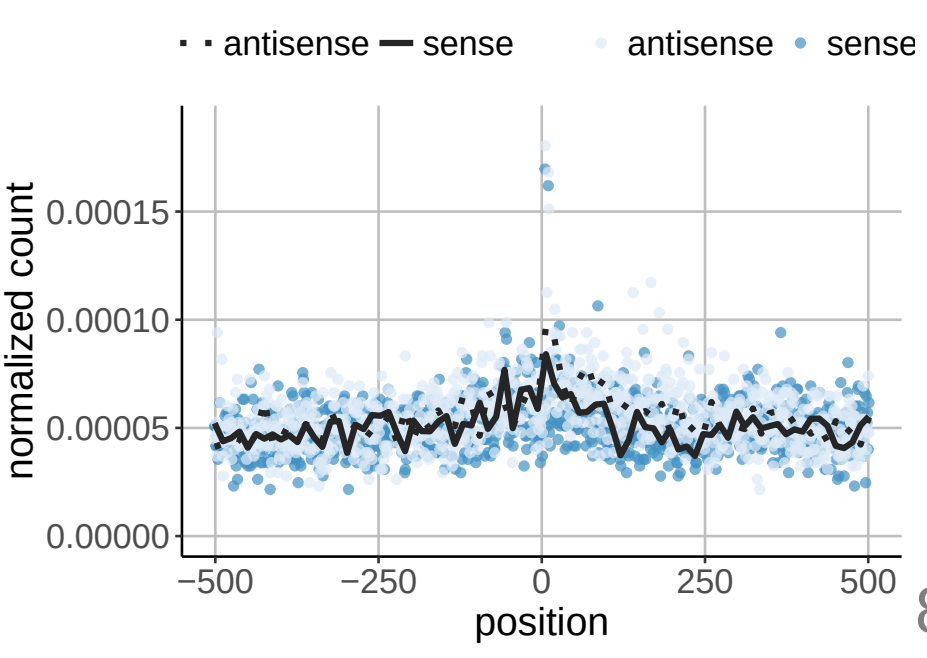
position


YBX2−GCCAUNNNAUCGC
antisense sense
antisense sense
normalized count
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0.00010
0.00005
0.00000
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0
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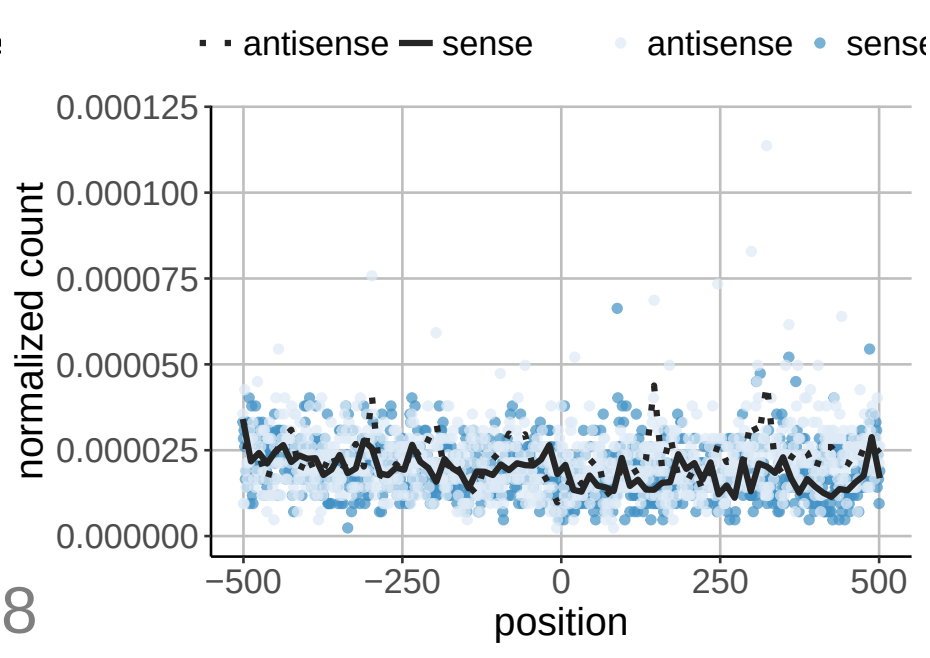
500
position


YBX2−NUAACAUCNN
antisense sense
antisense sense
normalized count
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0.000075
0.000050
0.000025
0.000000
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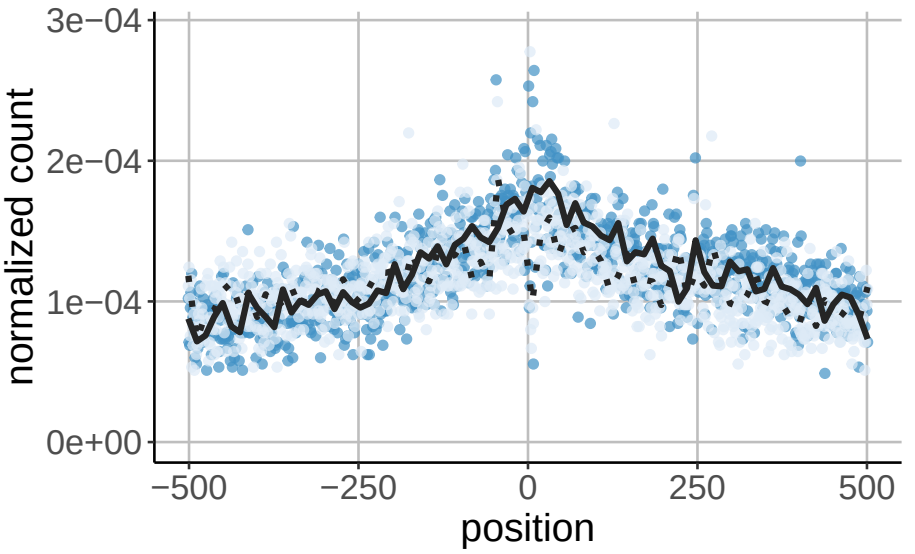
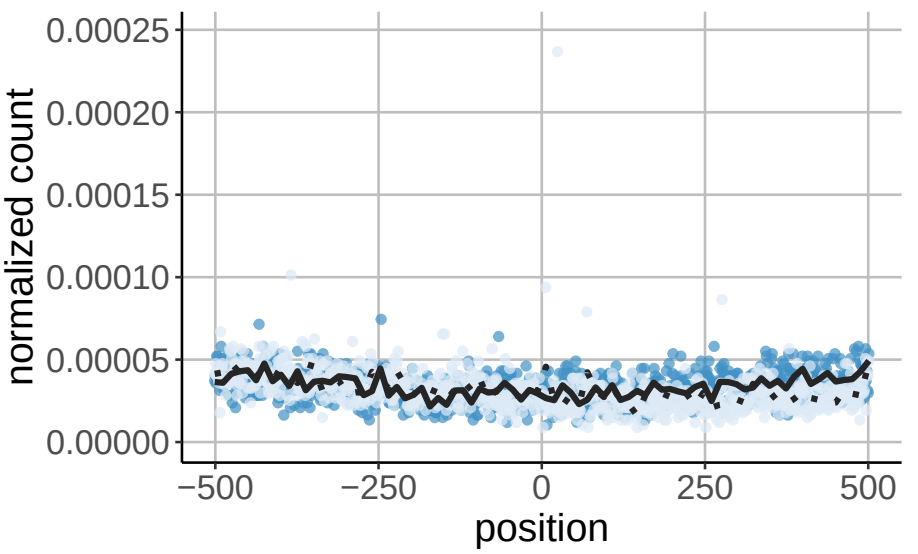
−250
0
250
500
position

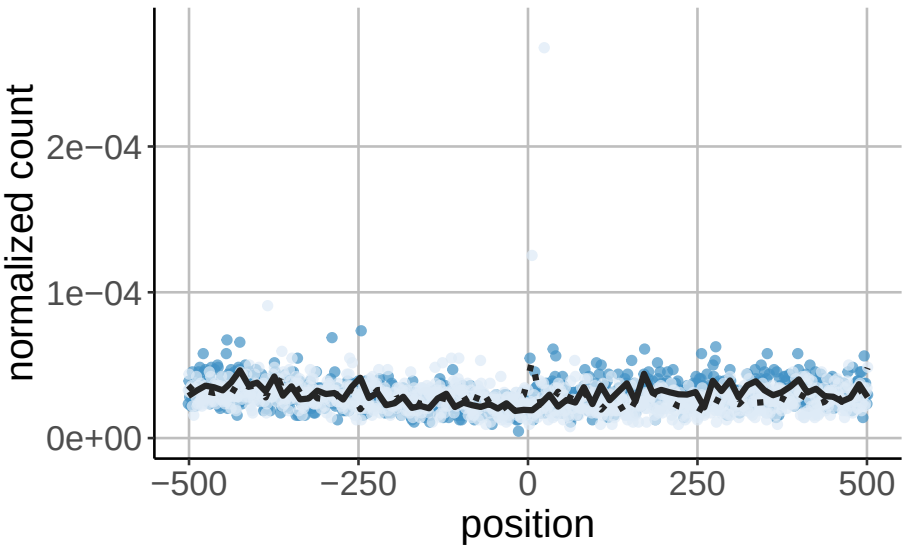
CSTF2T−CGUAGCGUCU



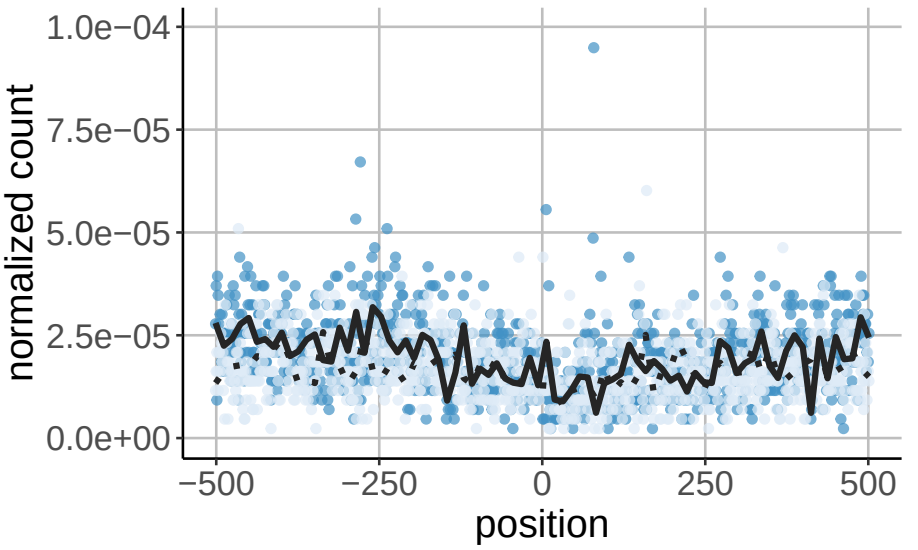
SNRNP70−GNUCANGNNG



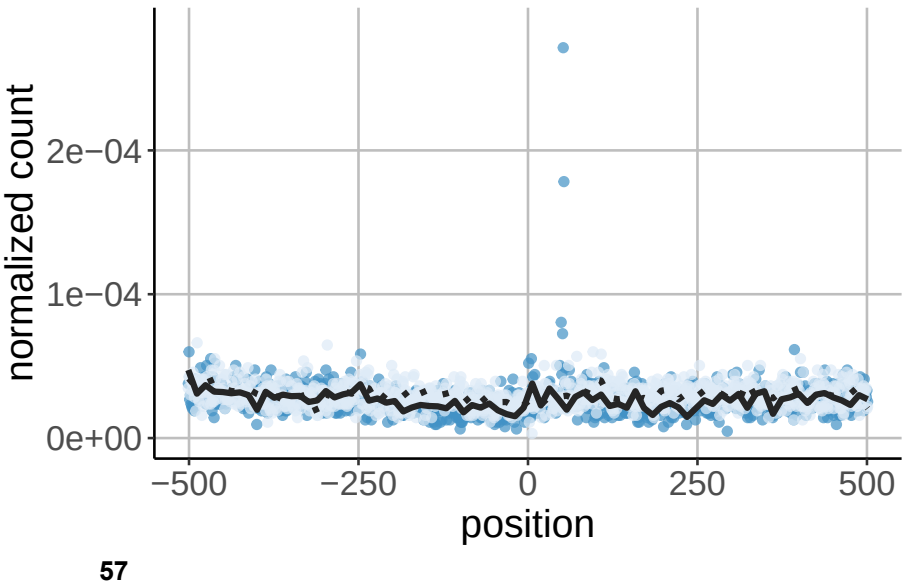
SNRNP70−GUUCAAGGUG



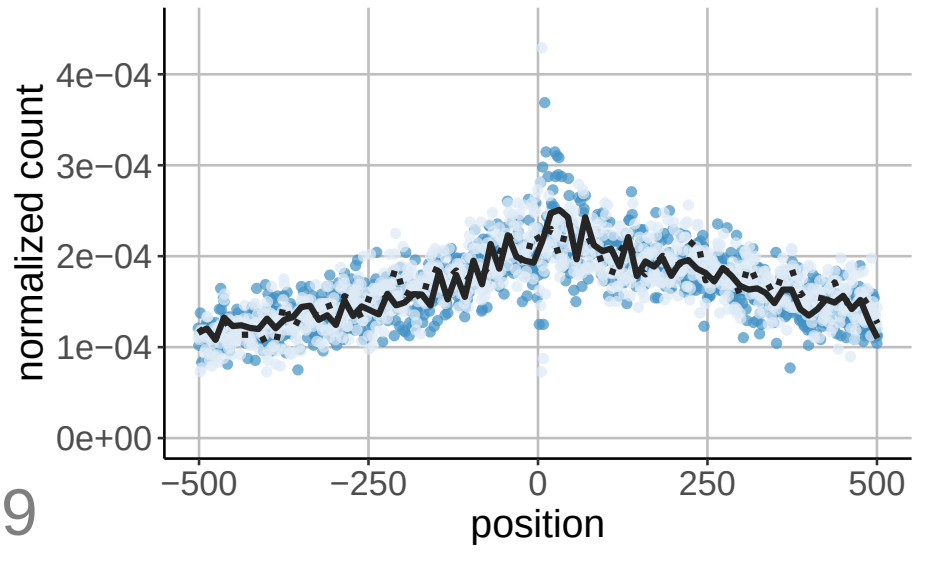
DAZ4−GYUCUAGUUAGYAUC



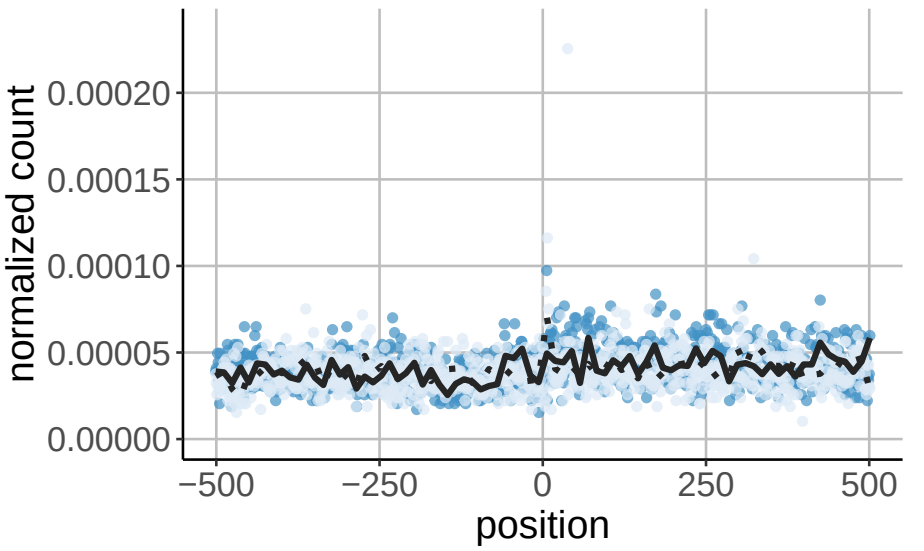
IGF2BP1−CAGNUWCA



HEXIM2−NGCGACGGKN



YBX1−NUAACAUCGGG



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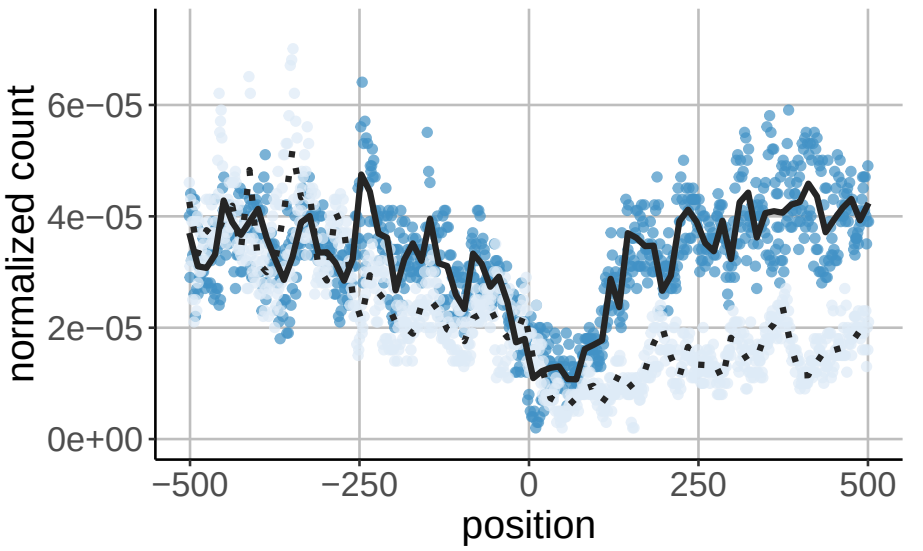
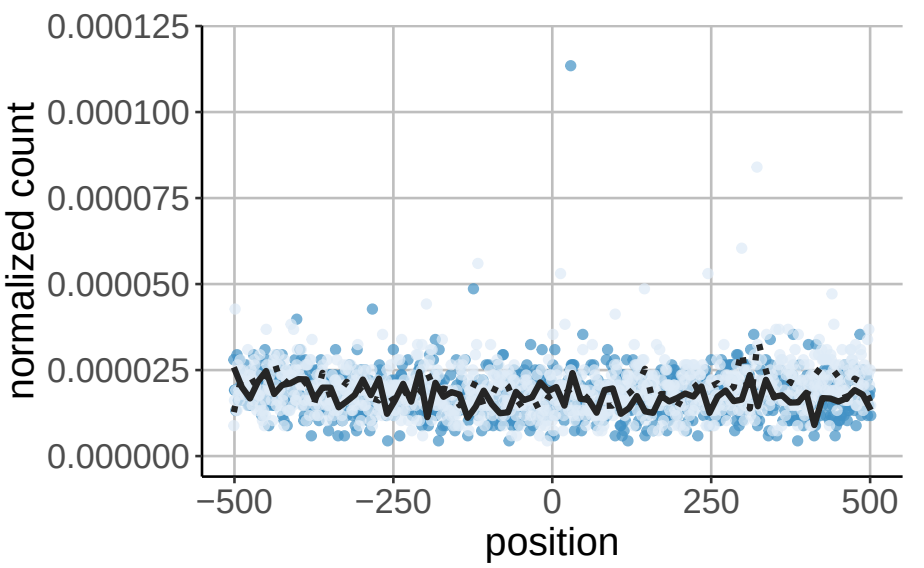


CSDA−UAACAUCA



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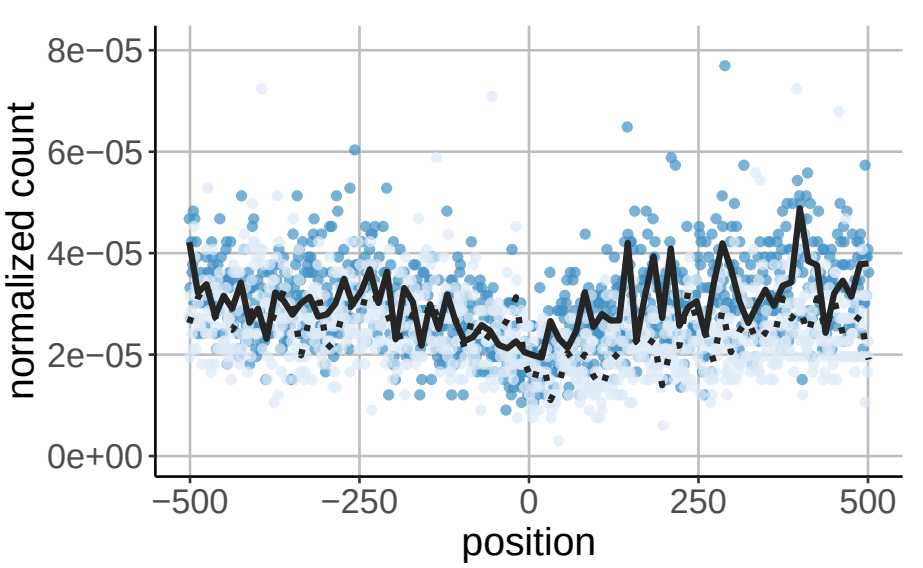
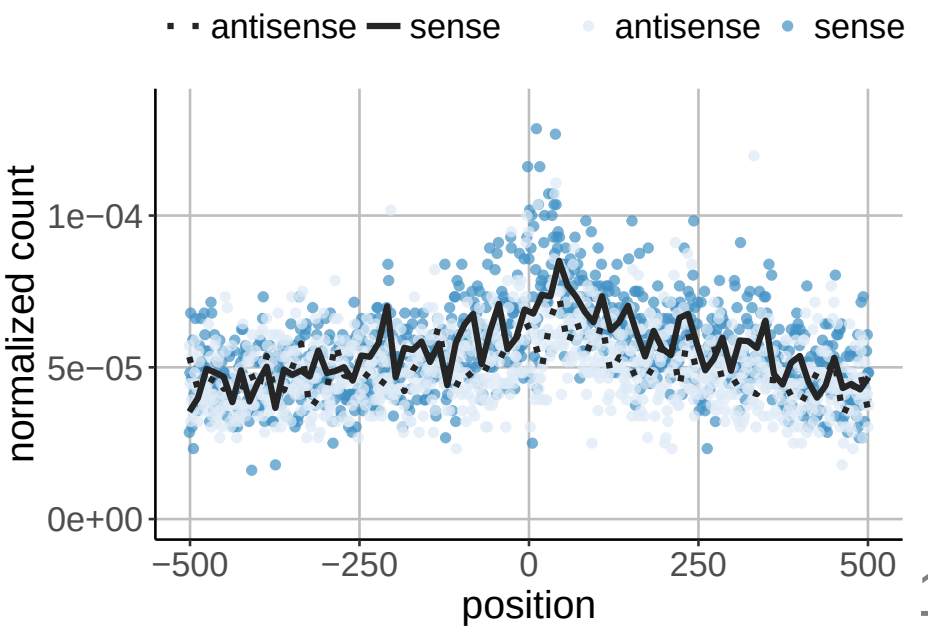
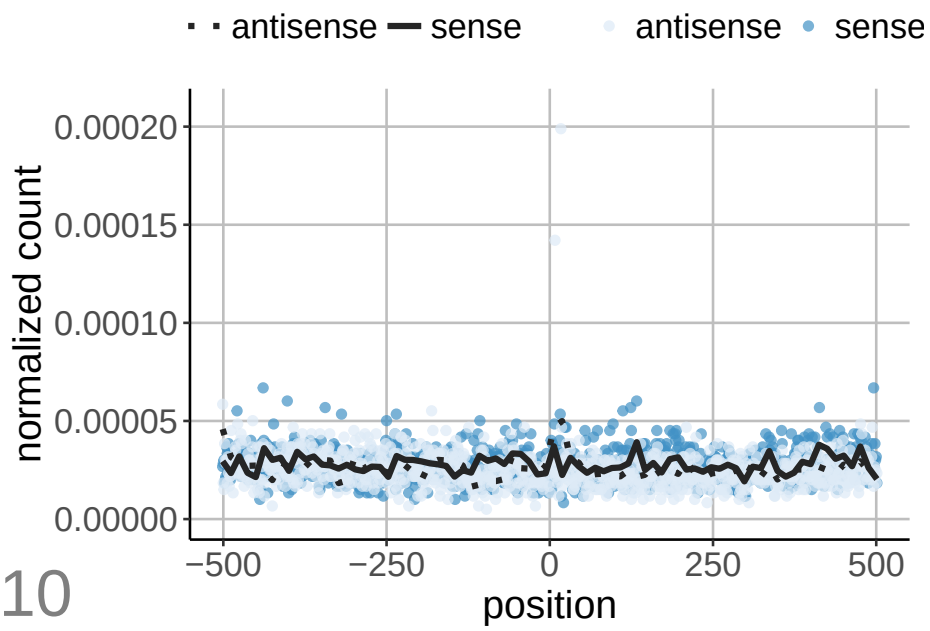


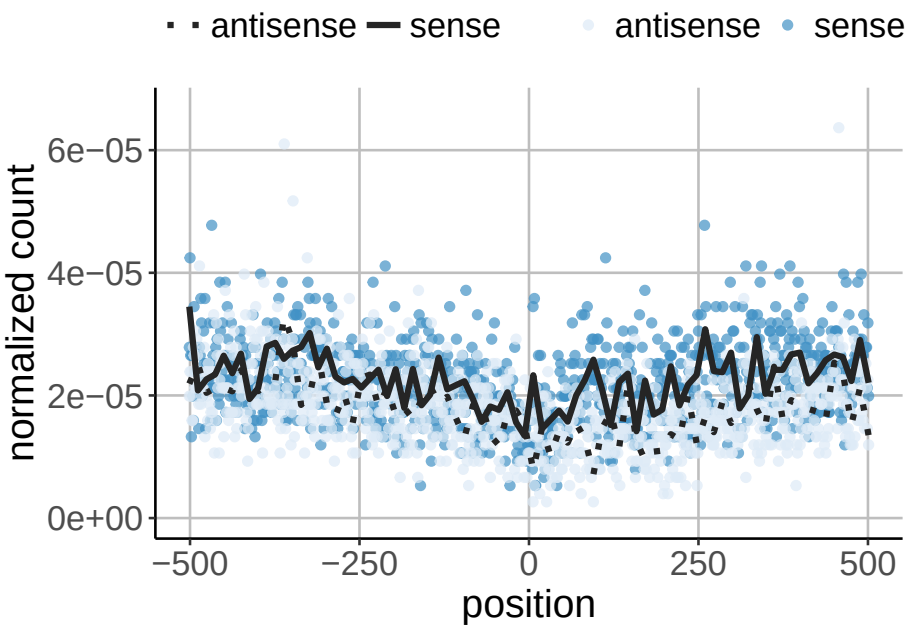
ZC3H12B−NGCGNCAGUCGGUAGCN



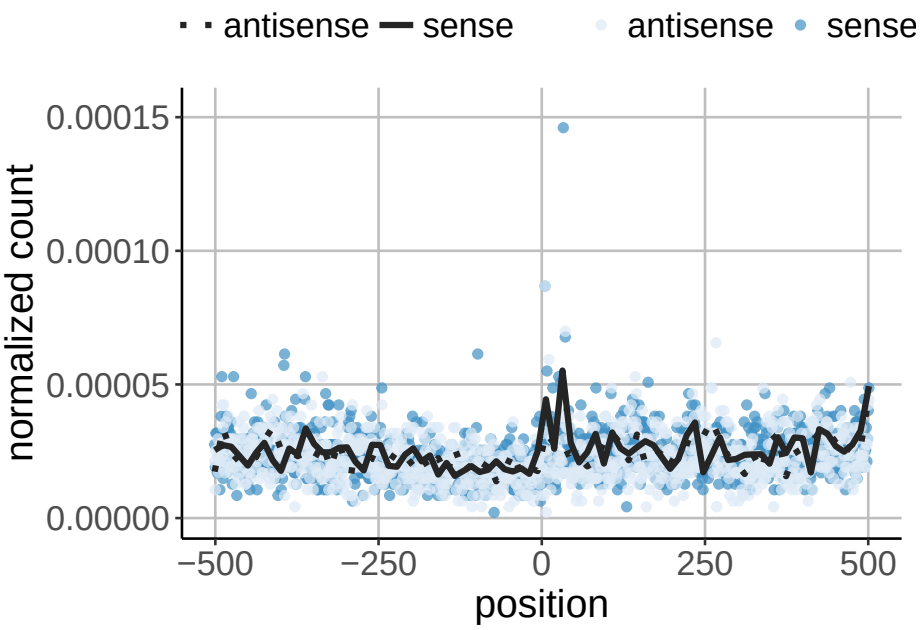
ZC3H12A−NUUGCCAWAGUKU



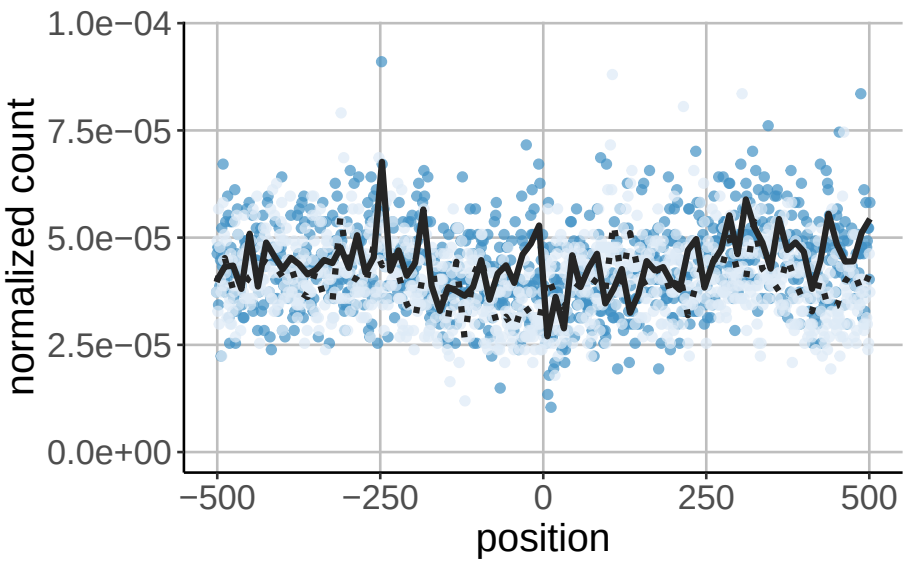
DAZAP1−UUAGGUUAGG



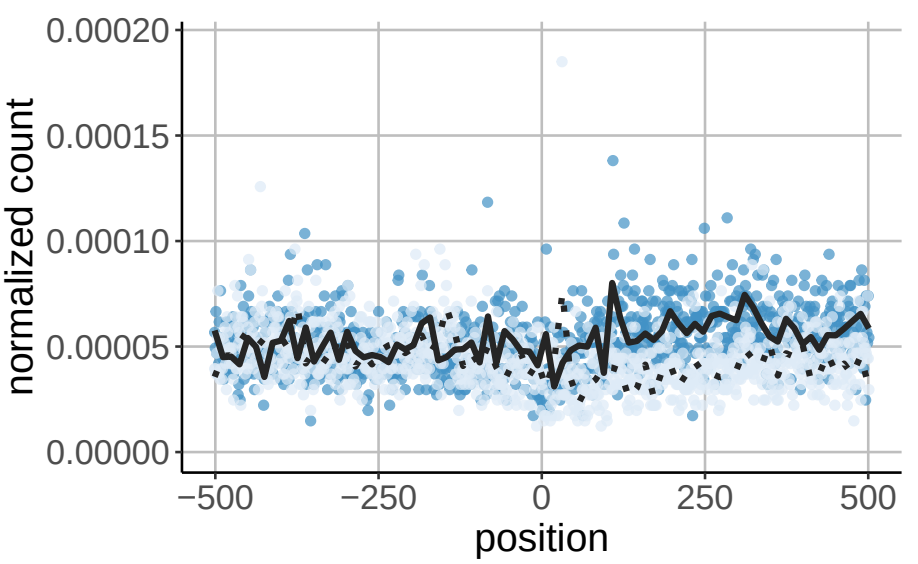
CARHSP1−GCCAUGAUCAUGAU



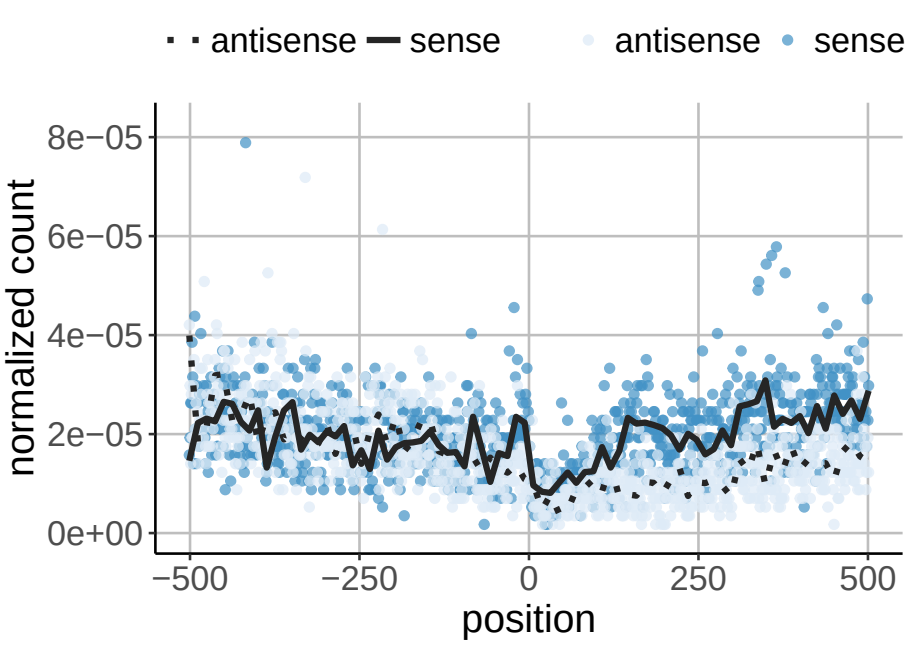
CARHSP1−UUGCCUUGUCCCGAU



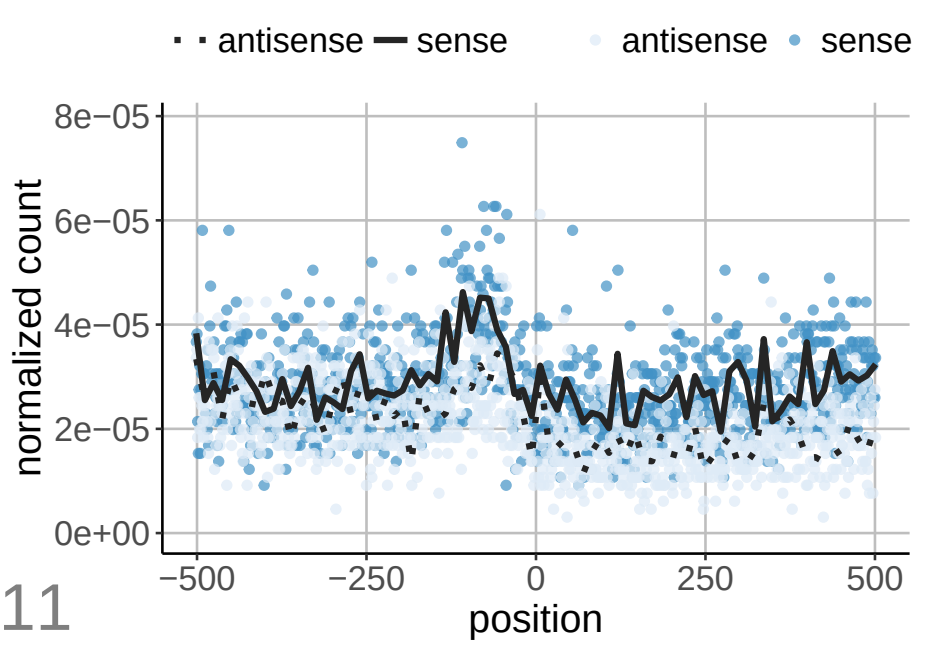
RNPC3−GGGUSUACGGGGU



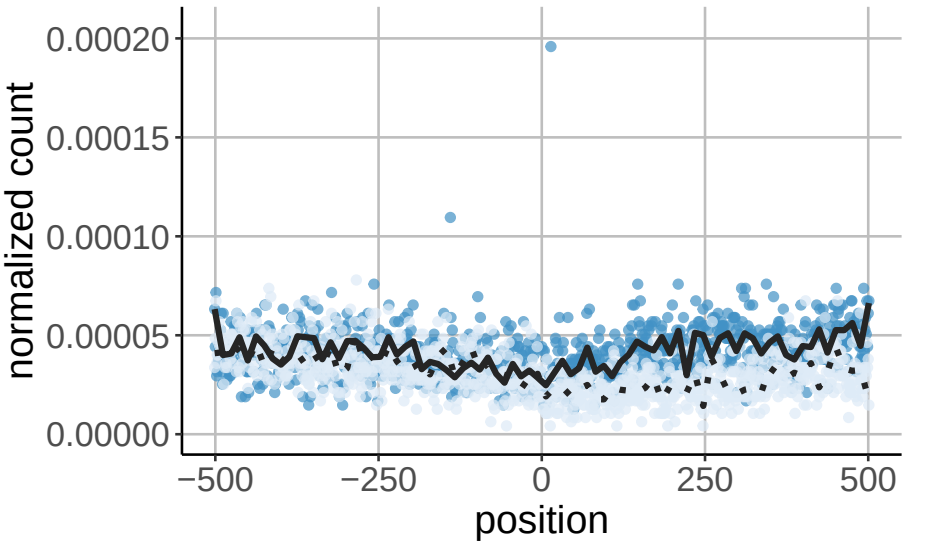
ELAVL1−UUUAUGNUUU



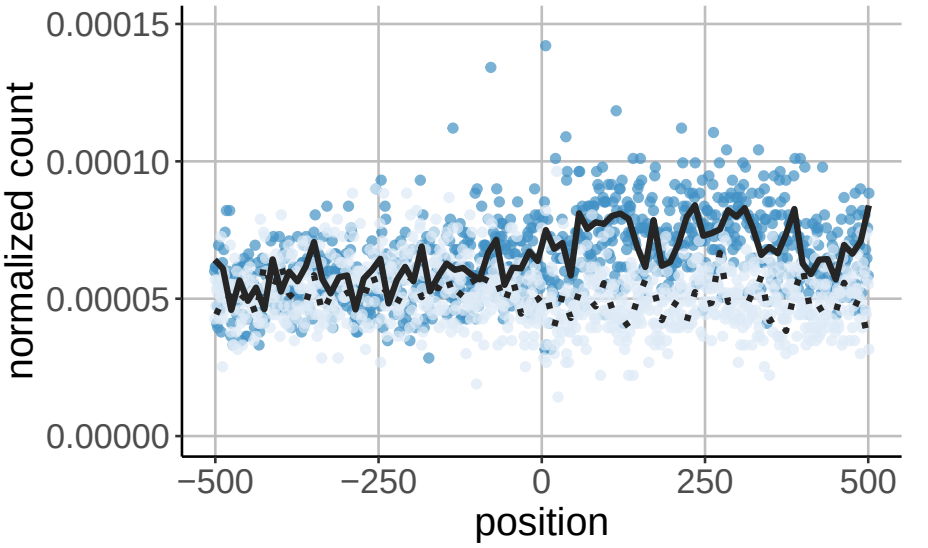
RBM46−GUGAUUG



ESRP1_3−GGUGUGGUGU



SNRPB2−GGGUGUGCAC



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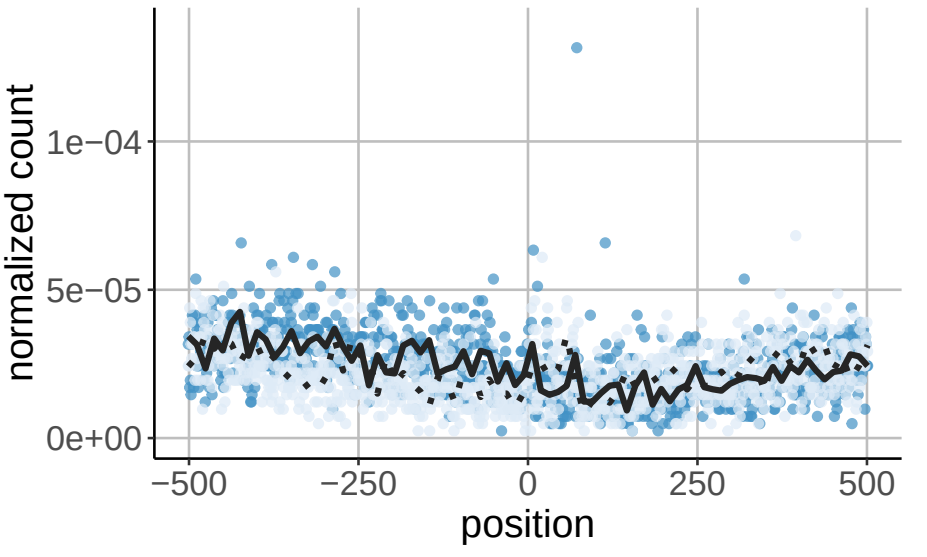

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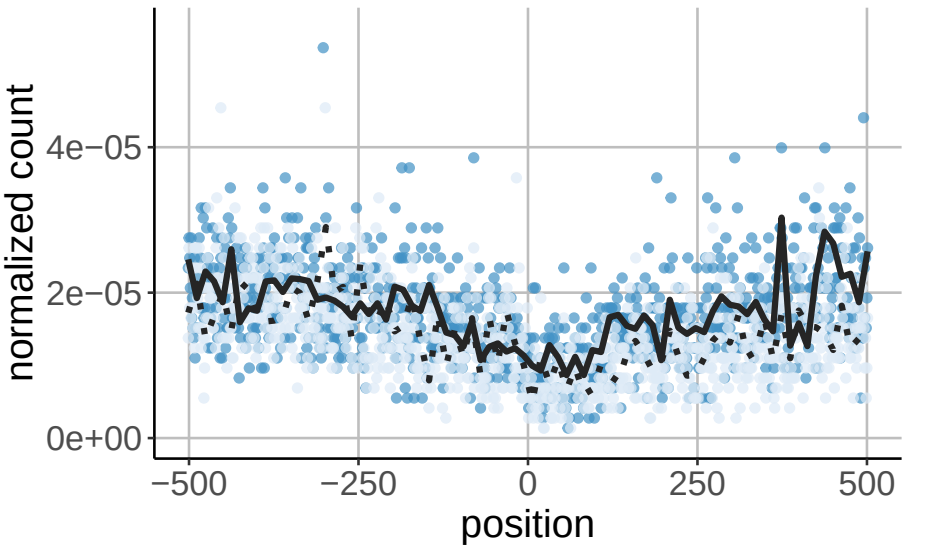

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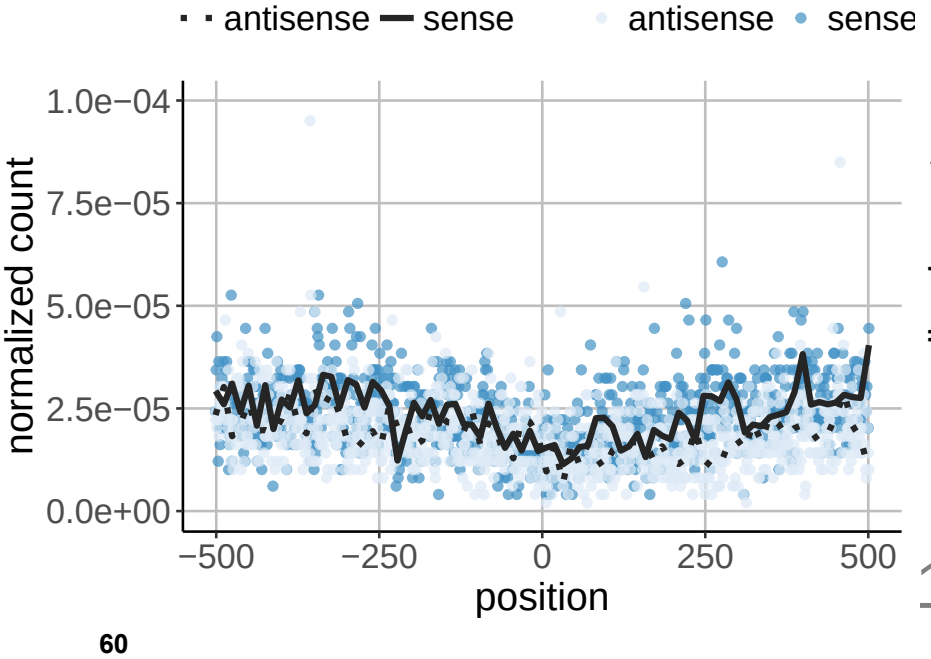

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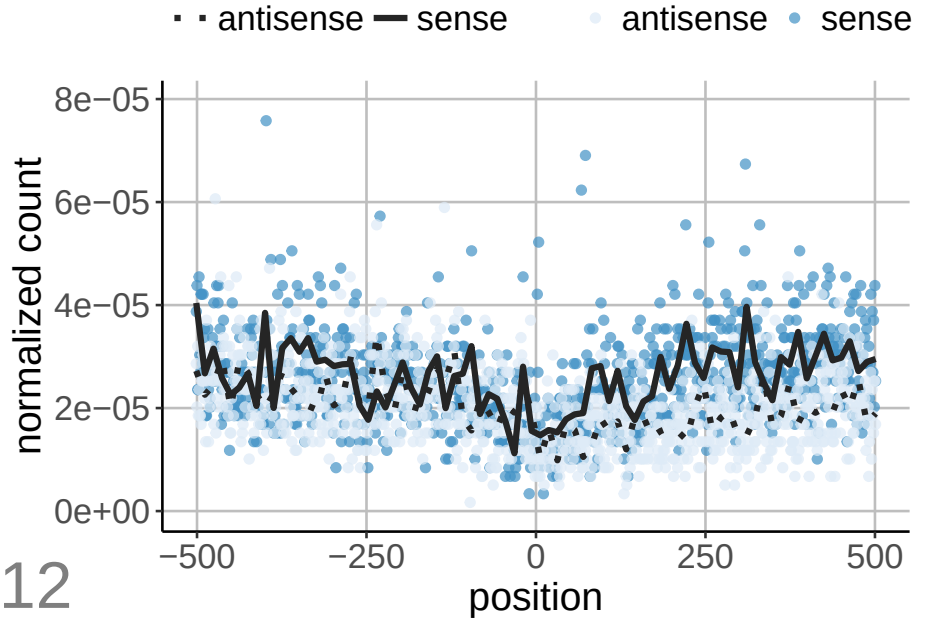

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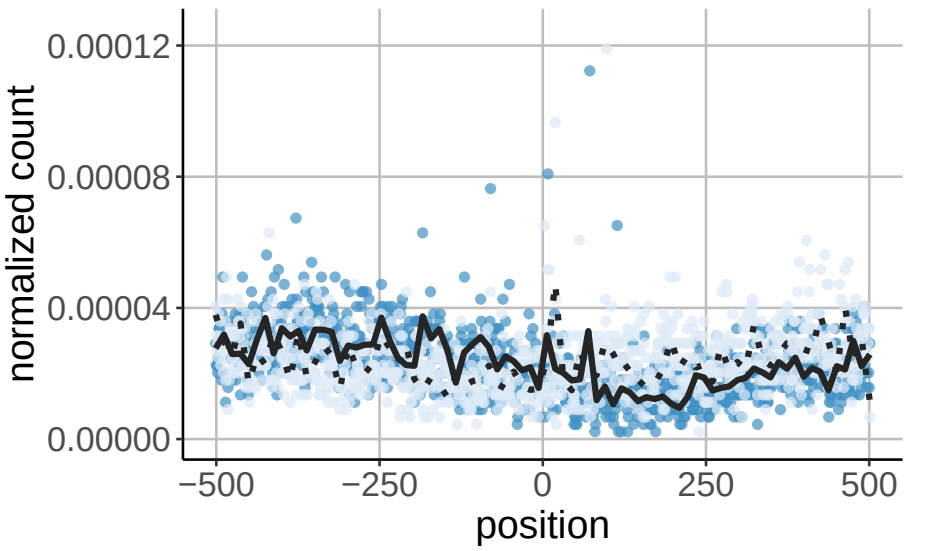

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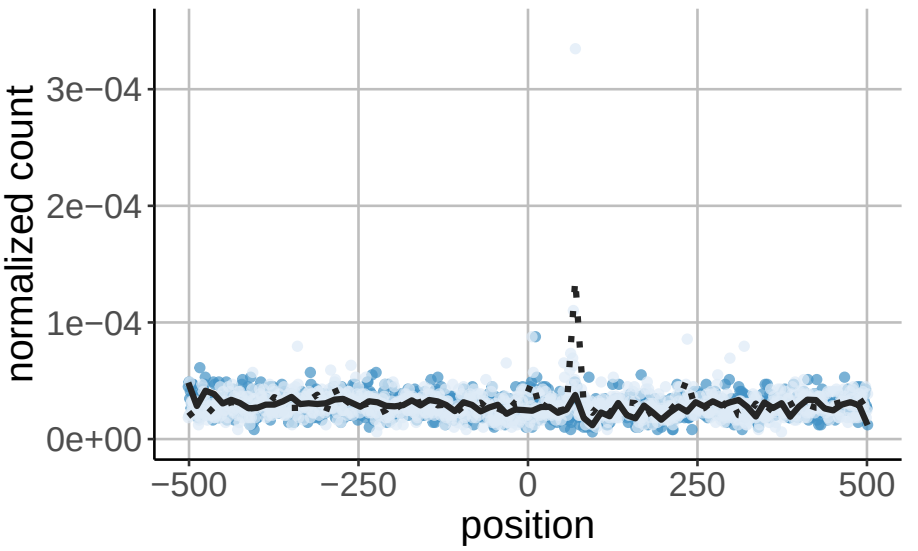

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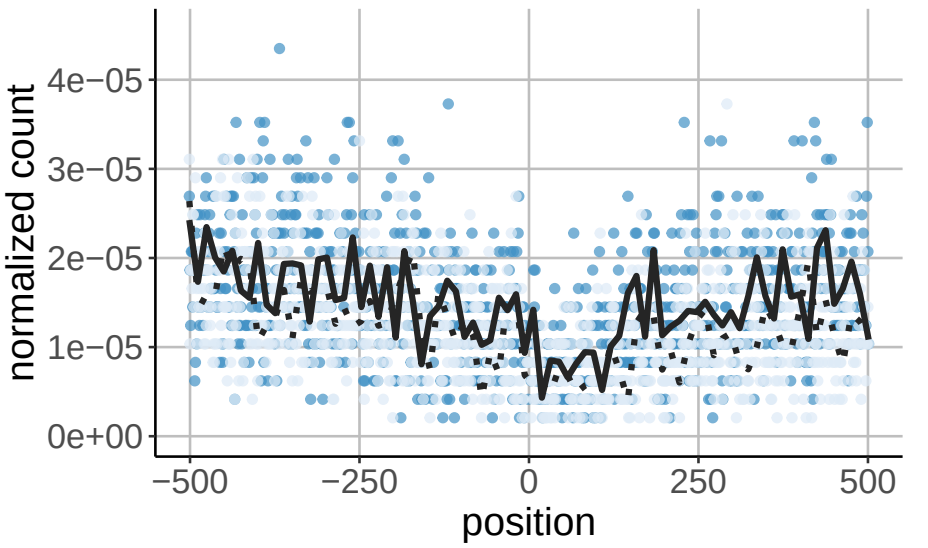

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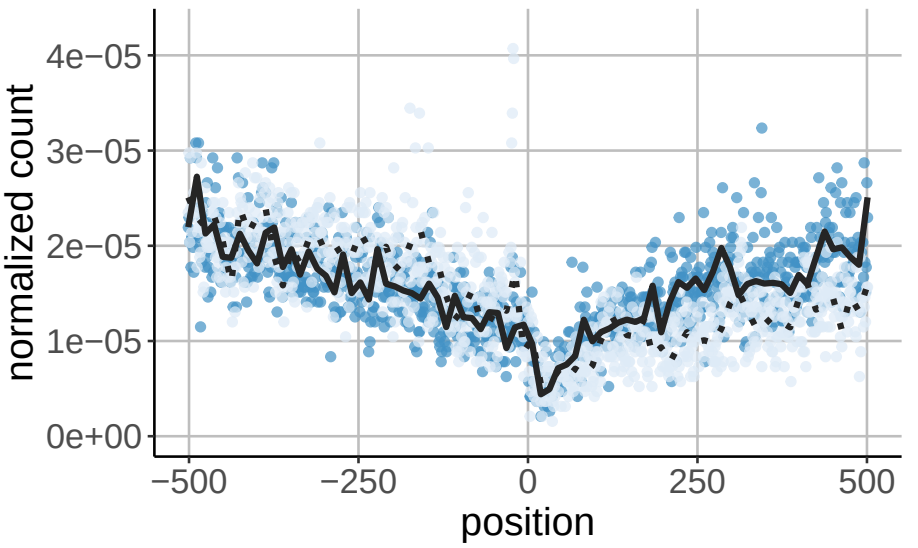

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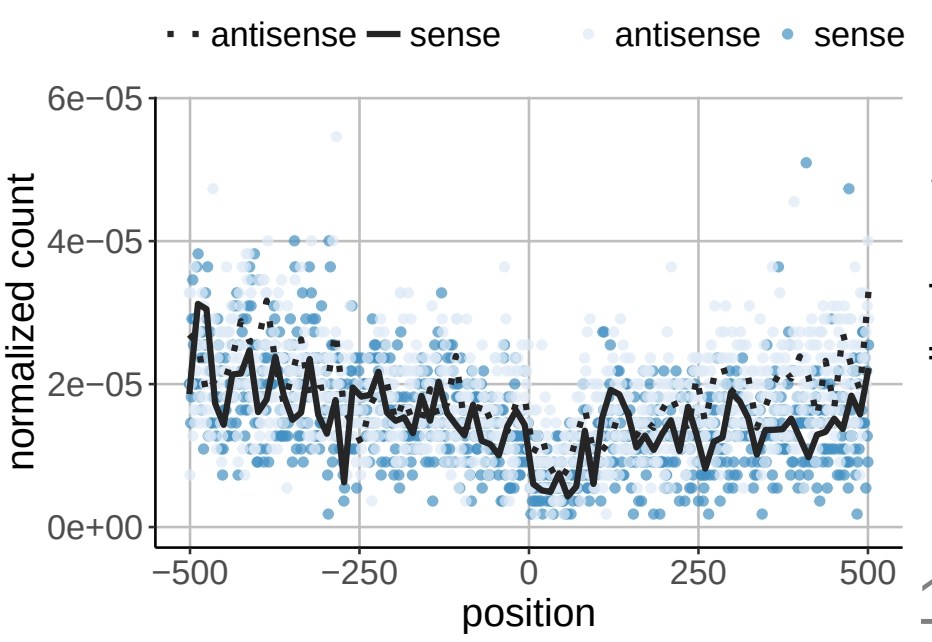

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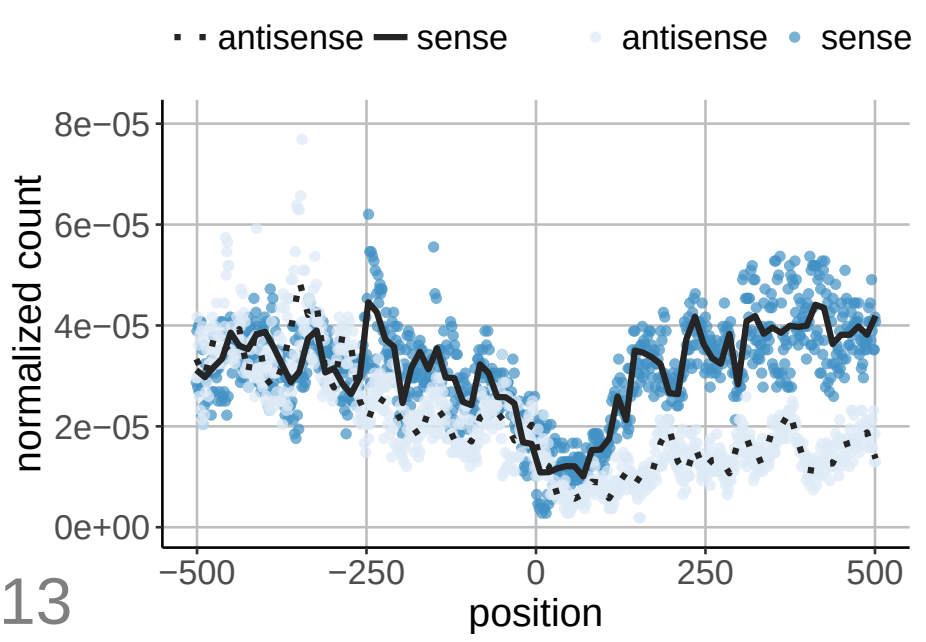

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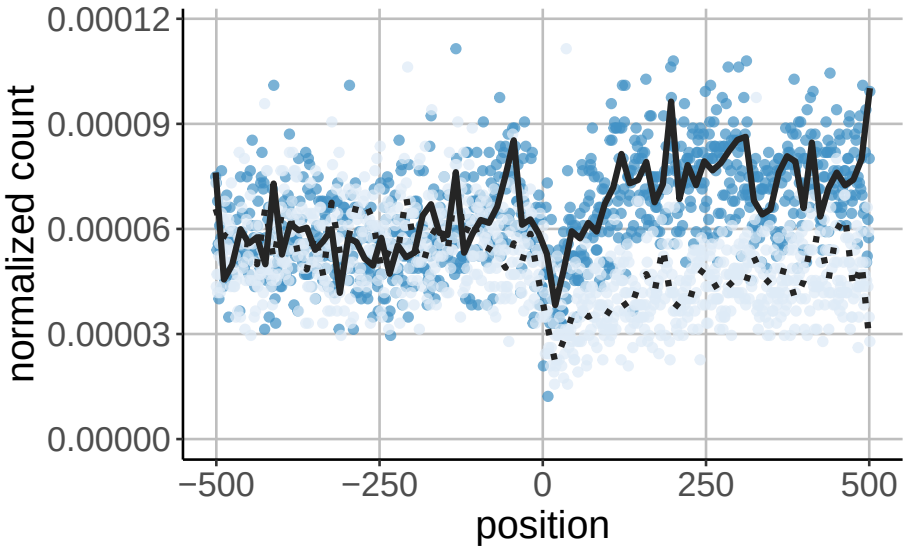

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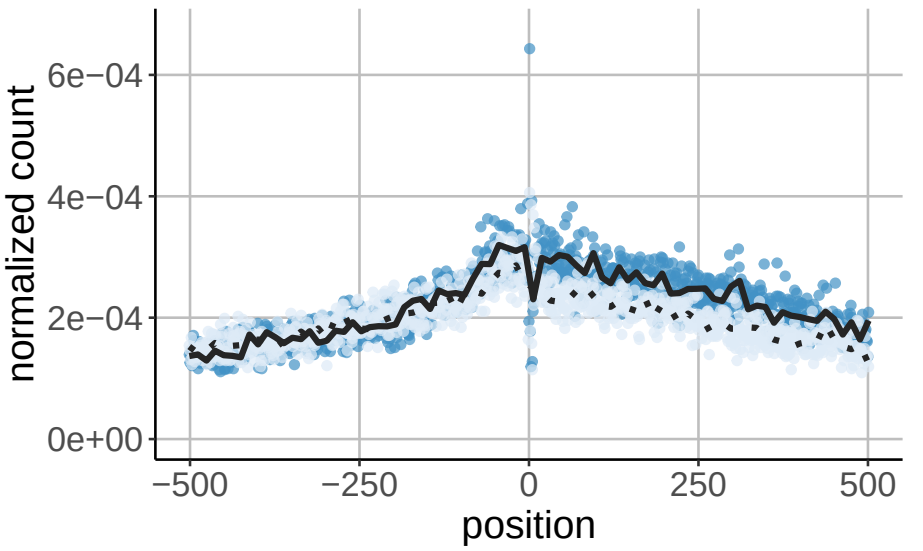

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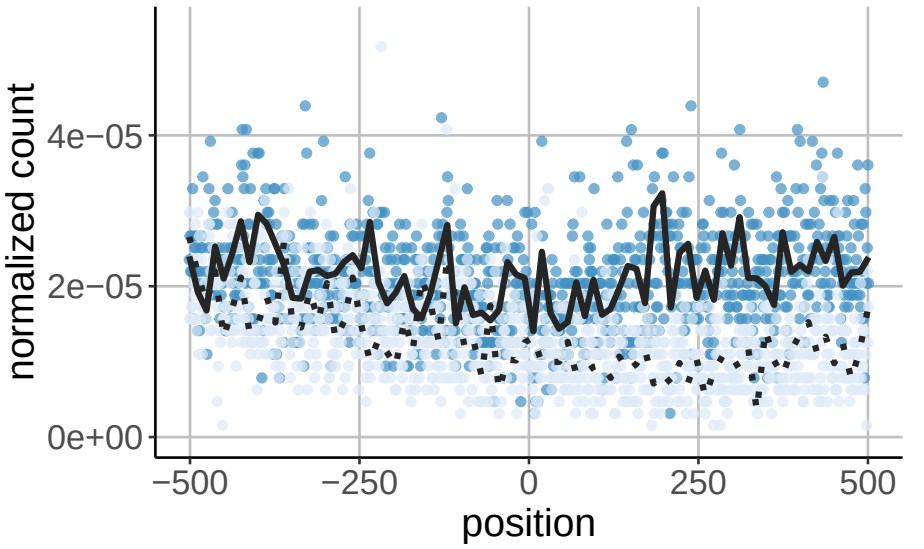

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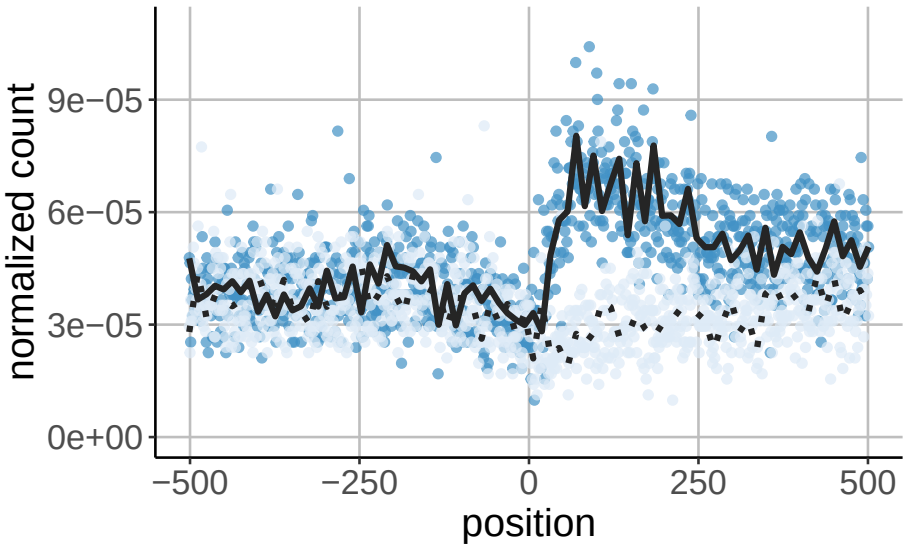

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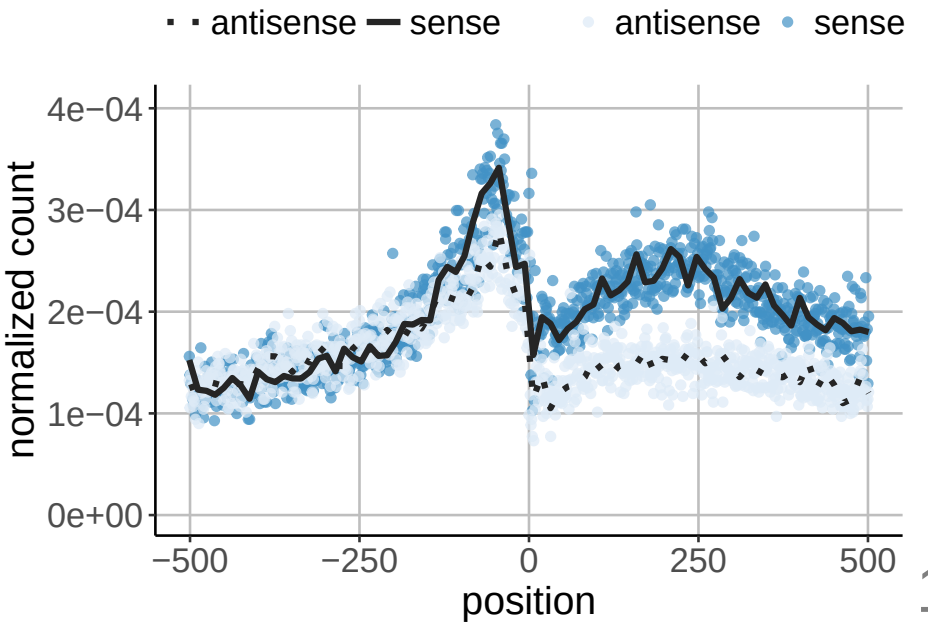

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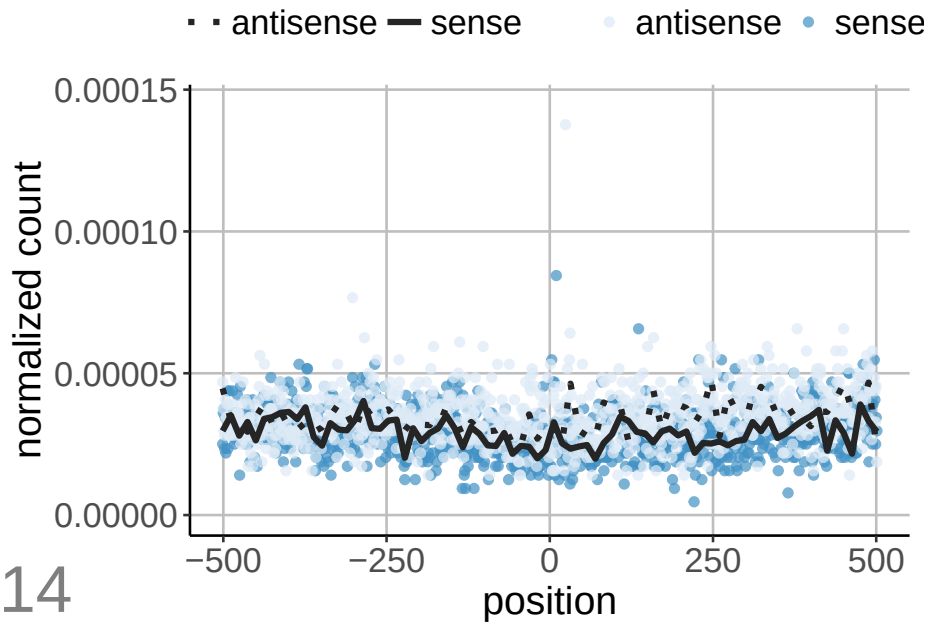

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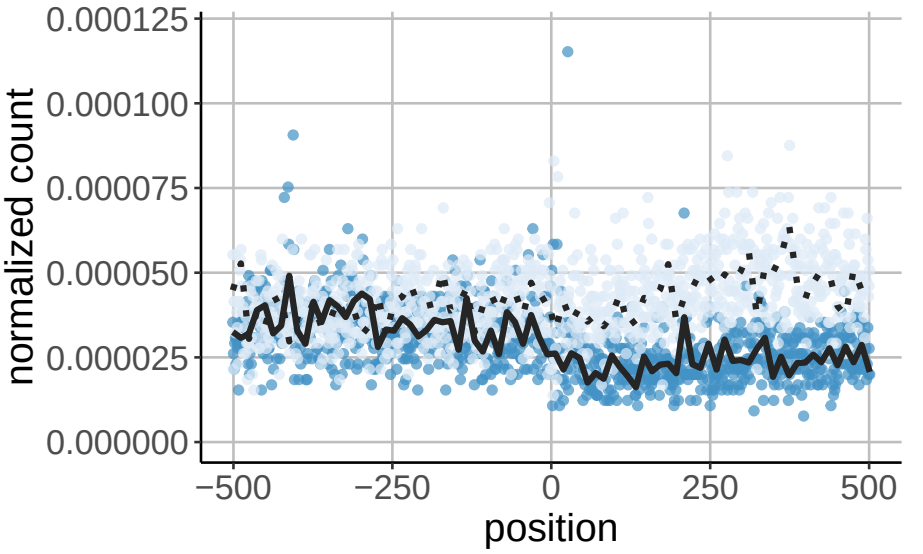

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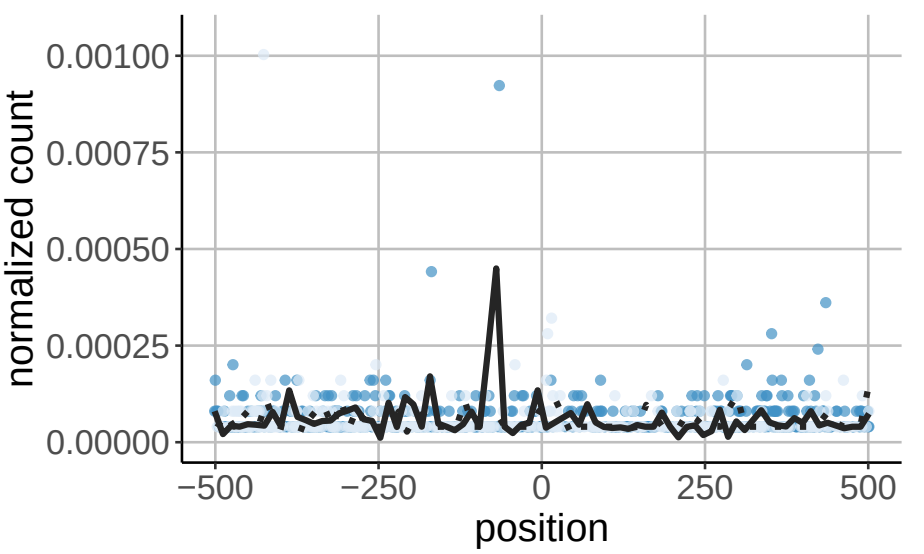

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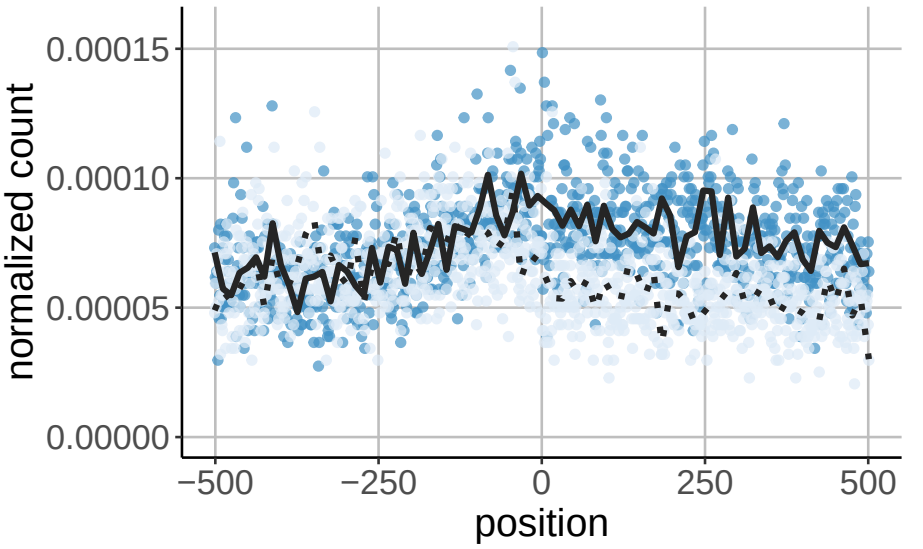

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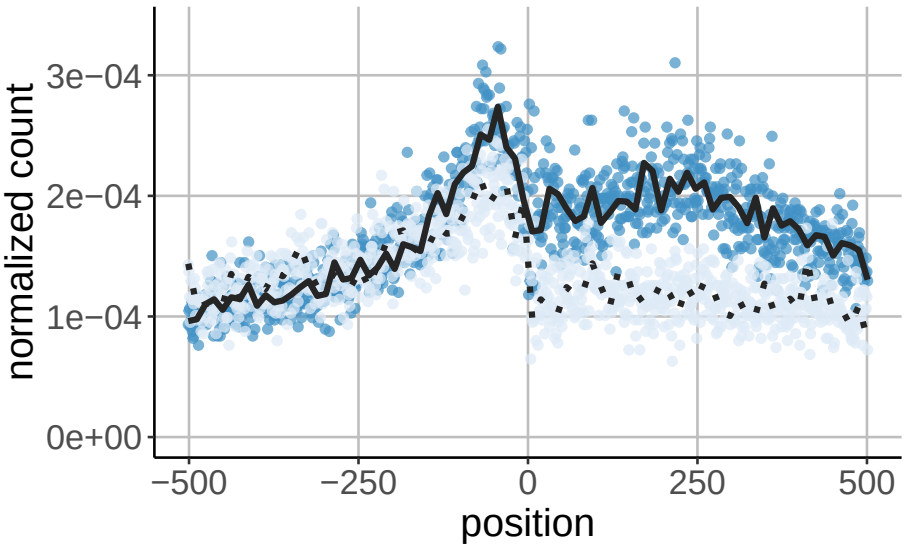

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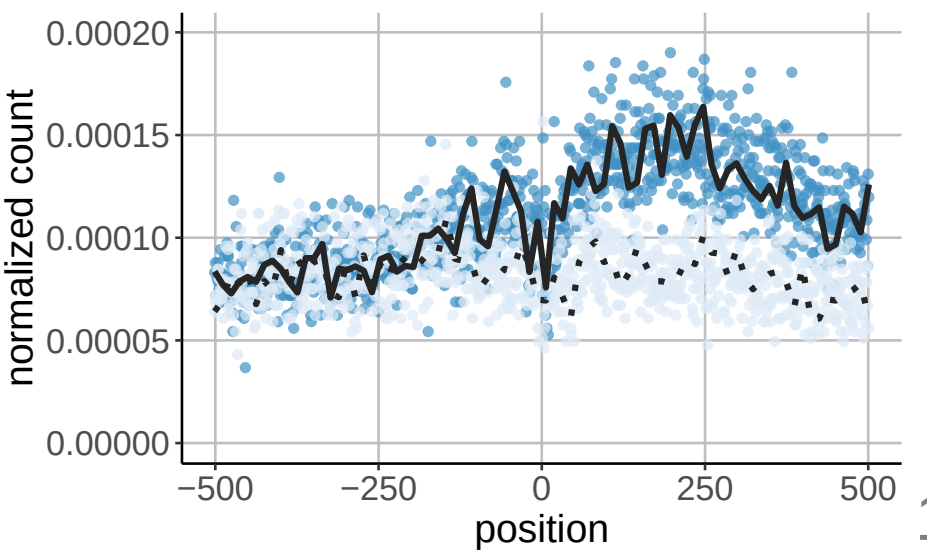

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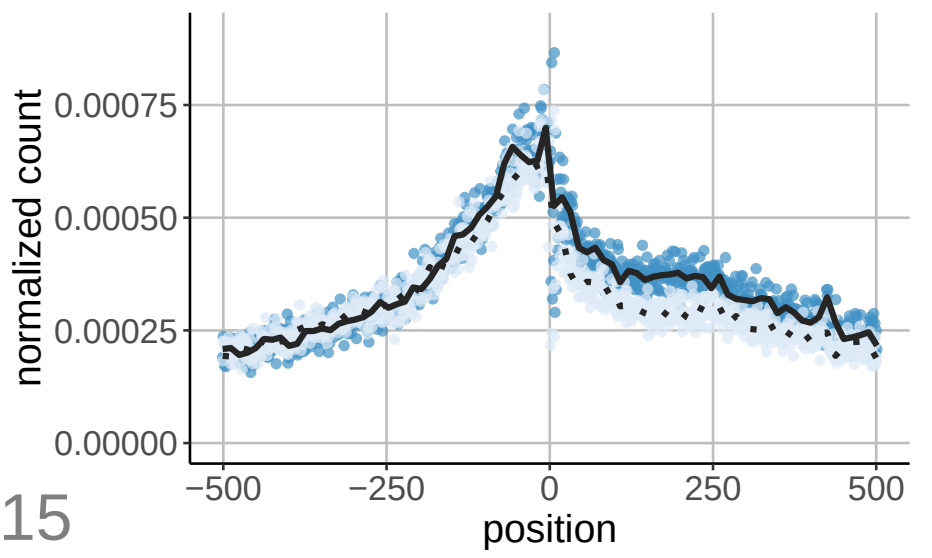

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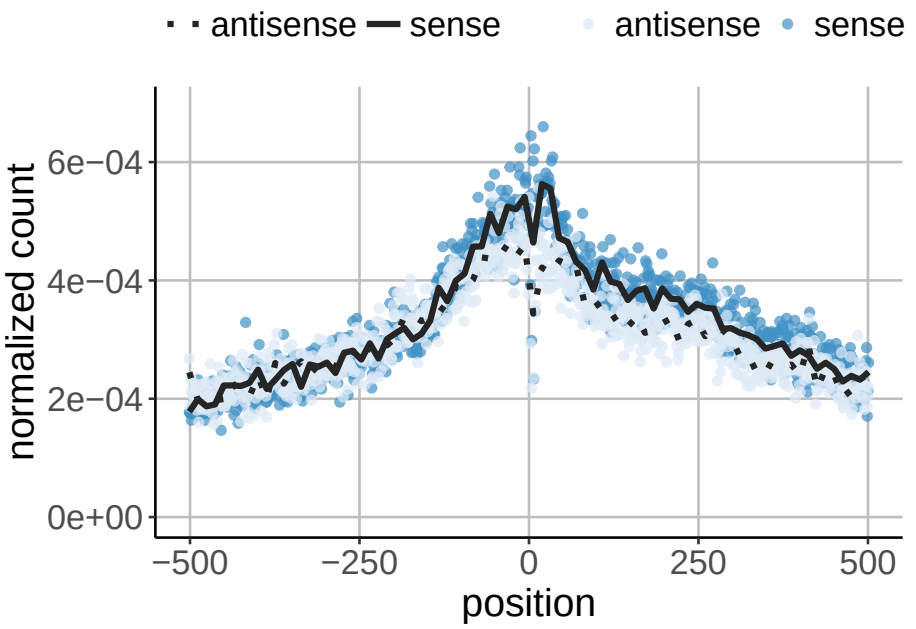

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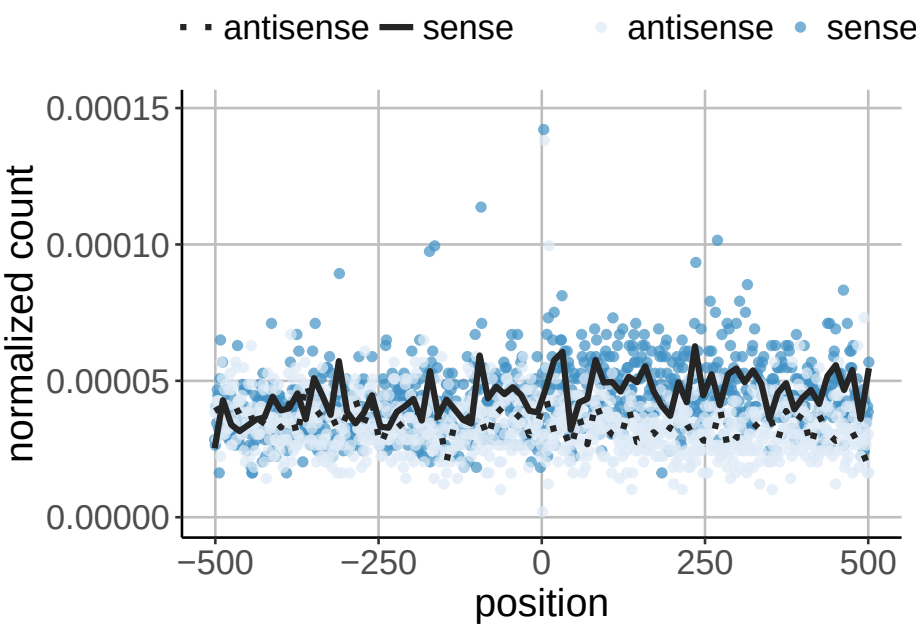

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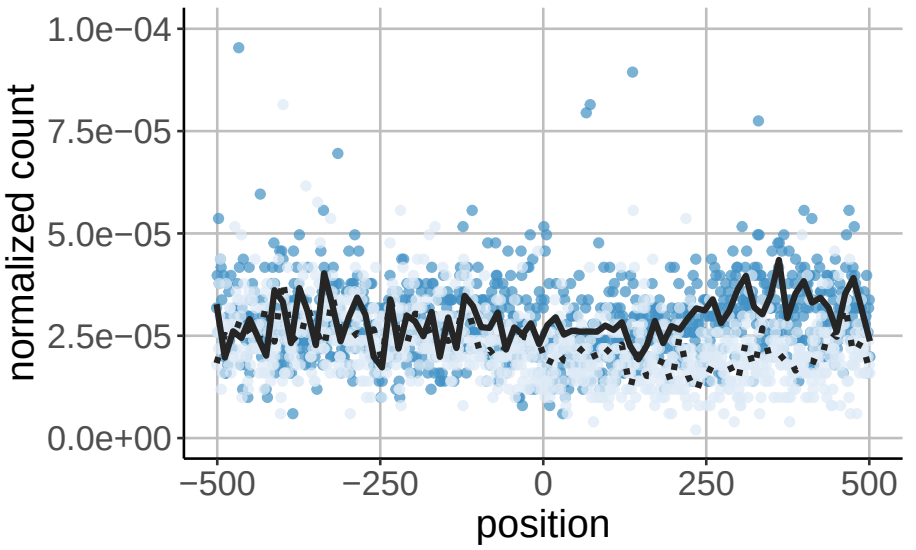

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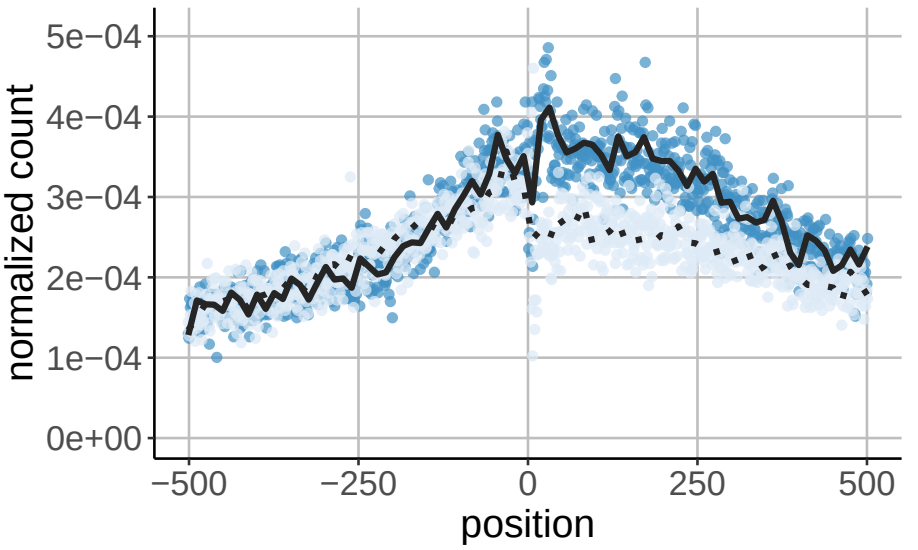

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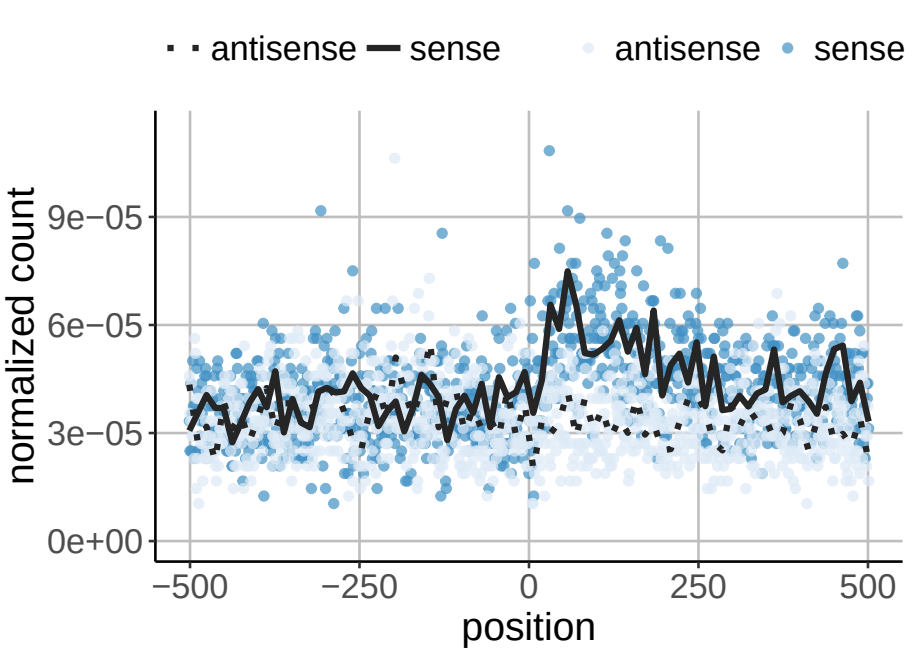

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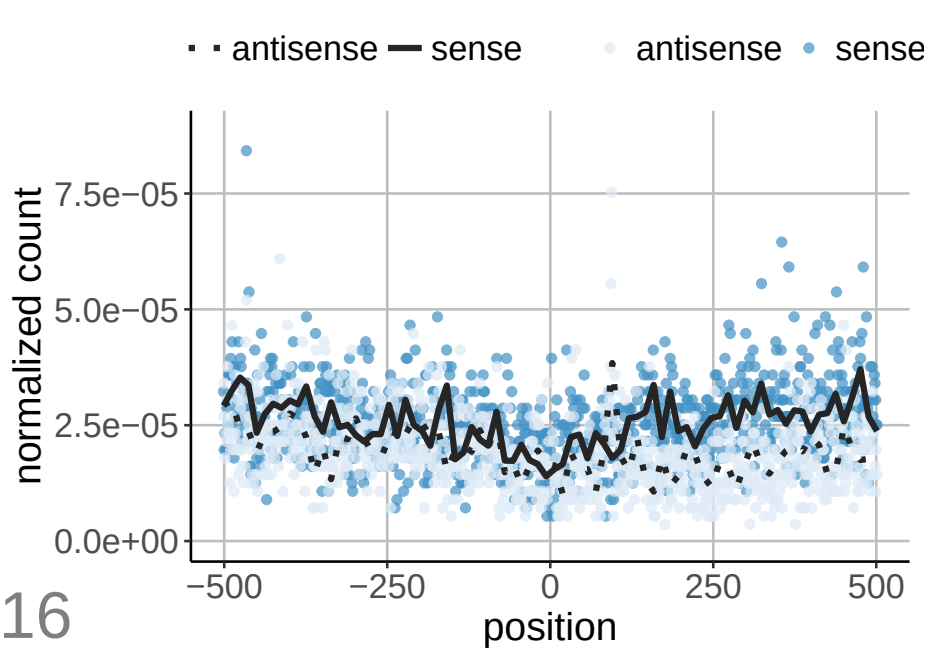

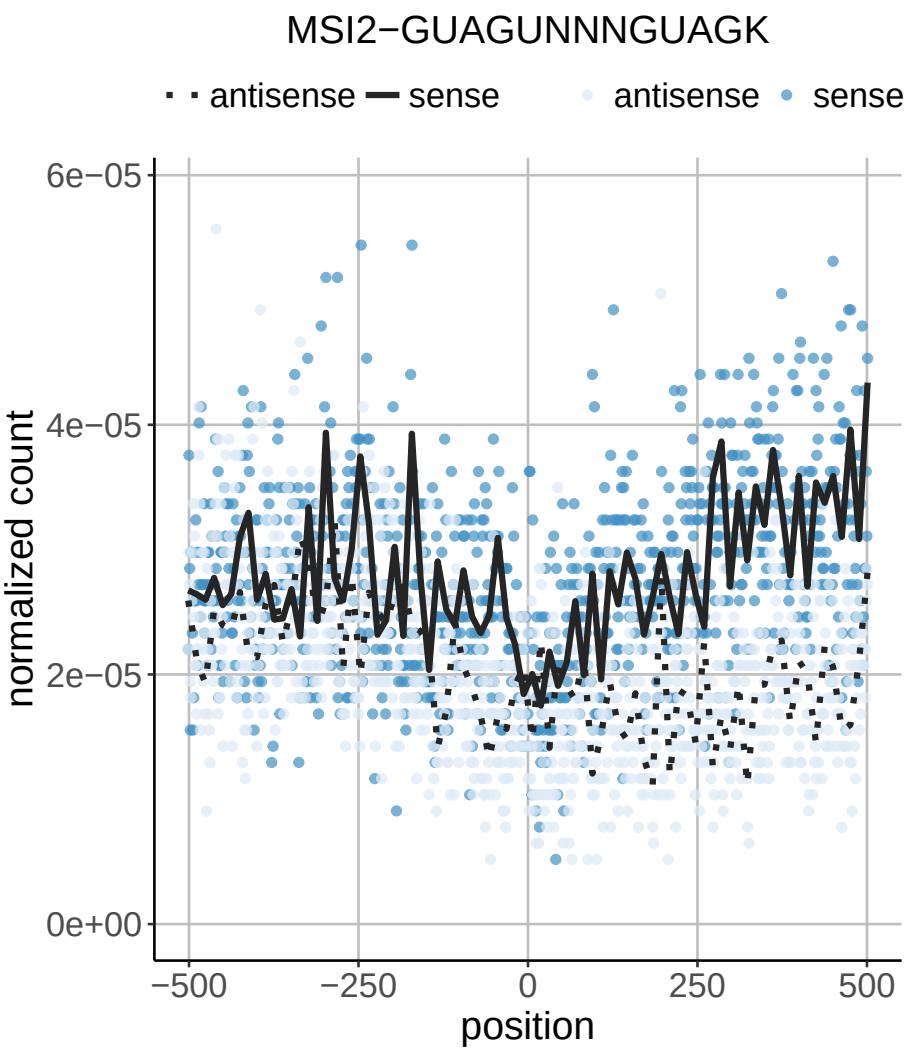
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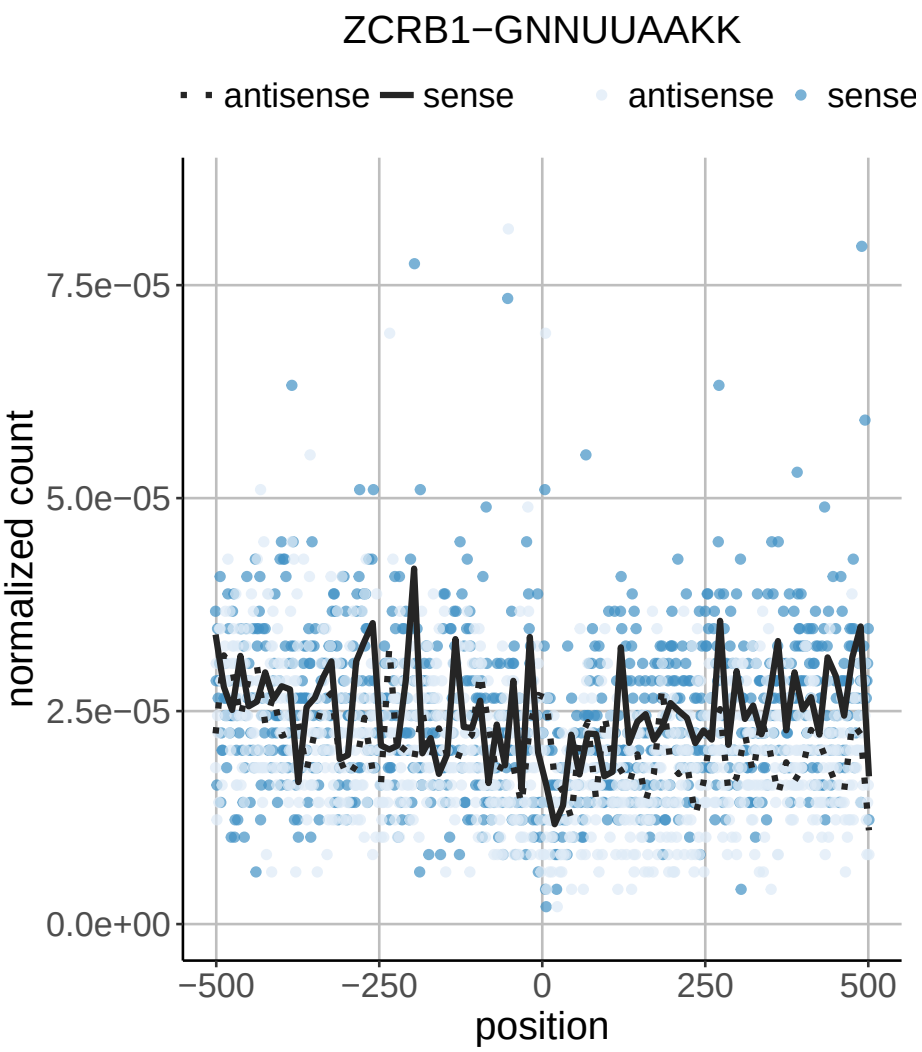
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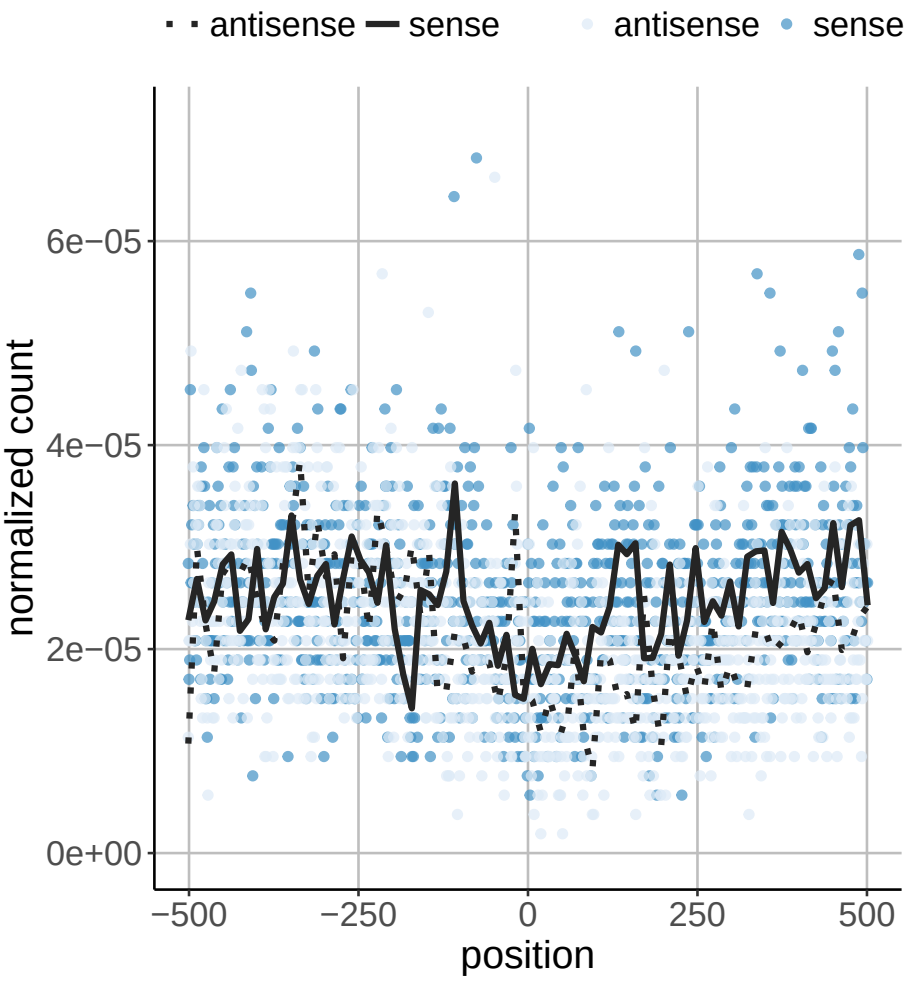
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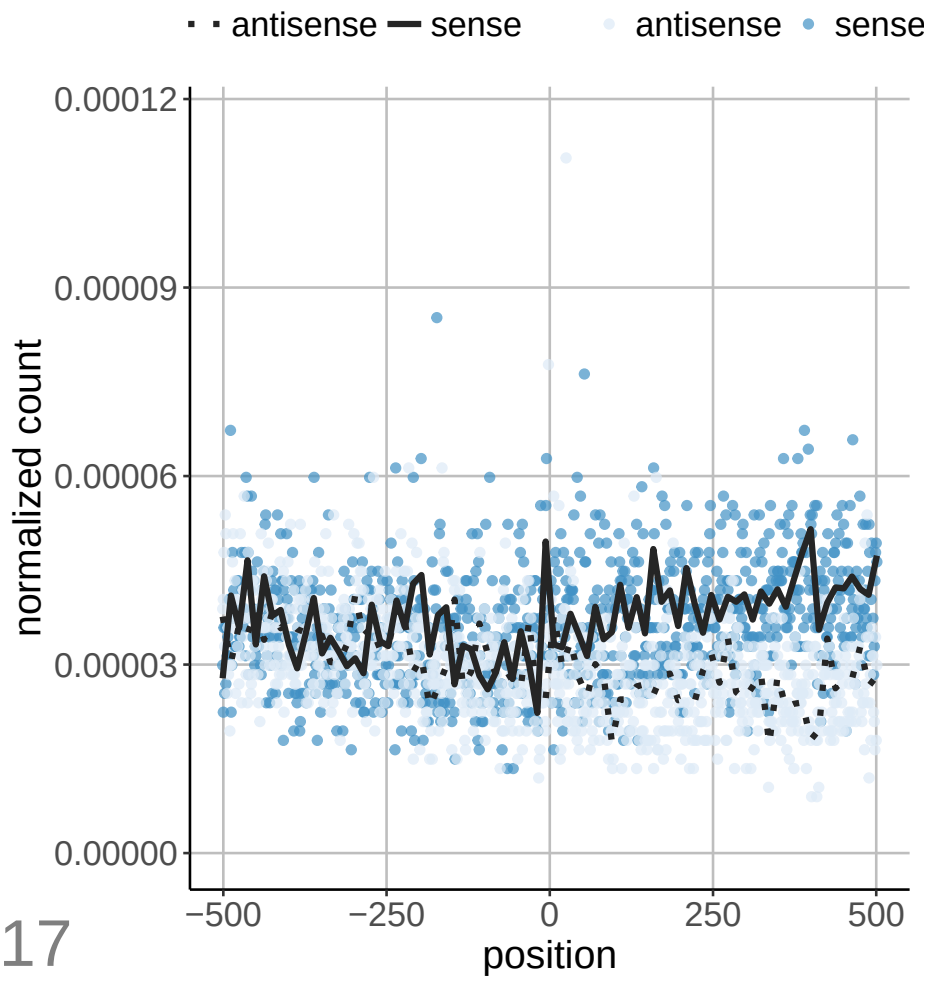
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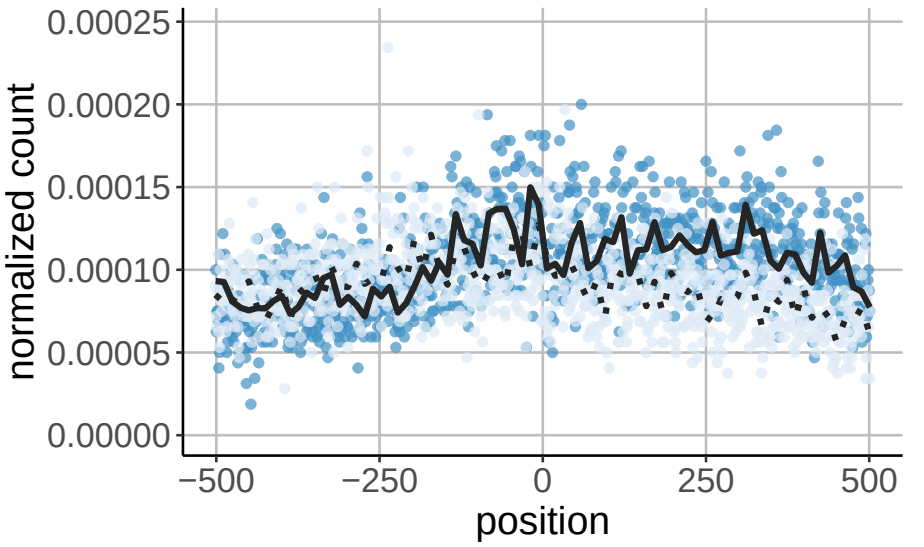

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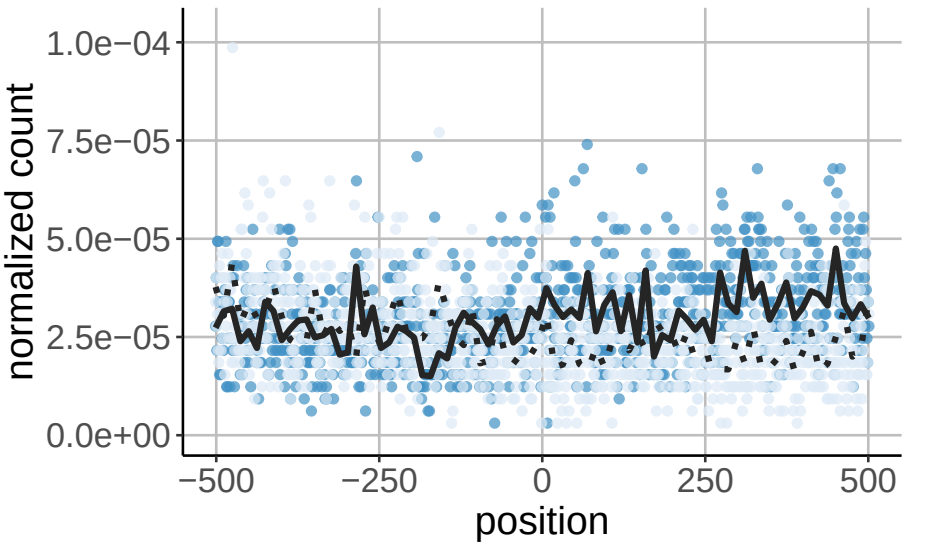

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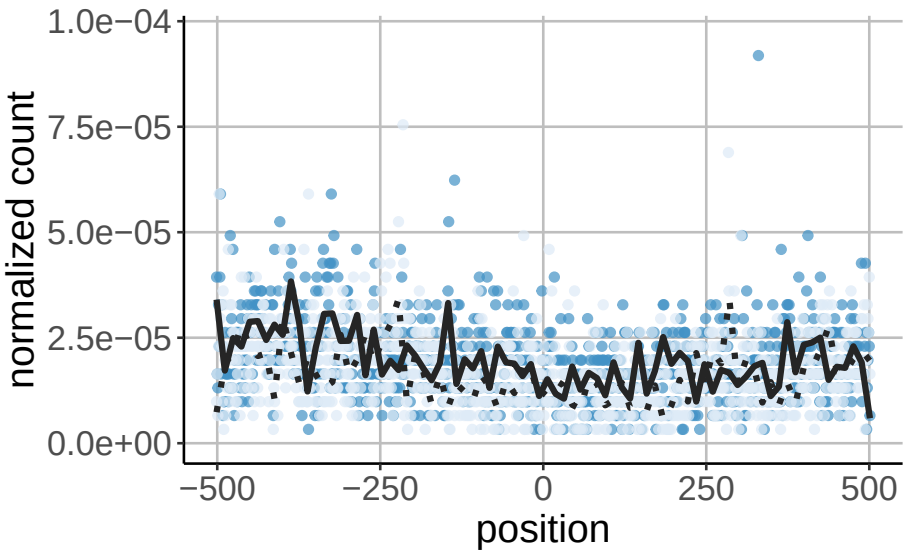

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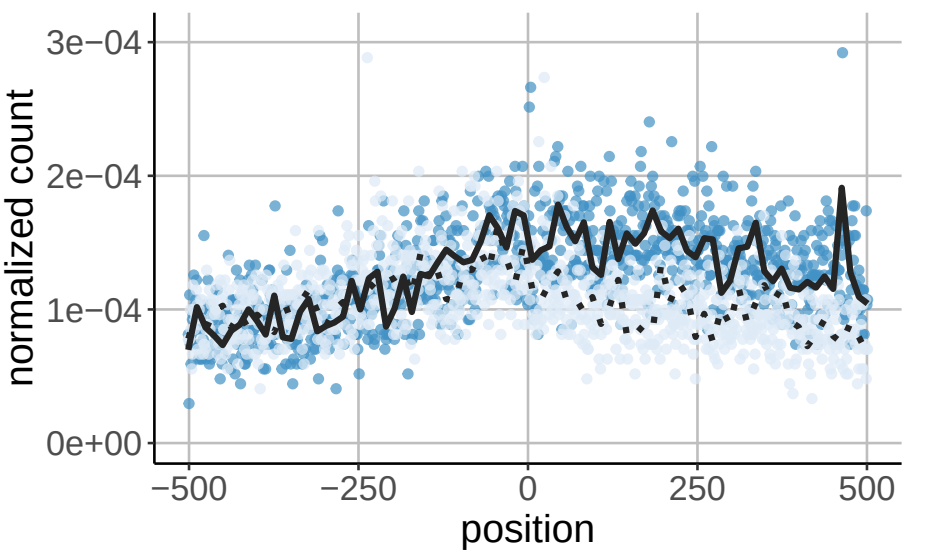

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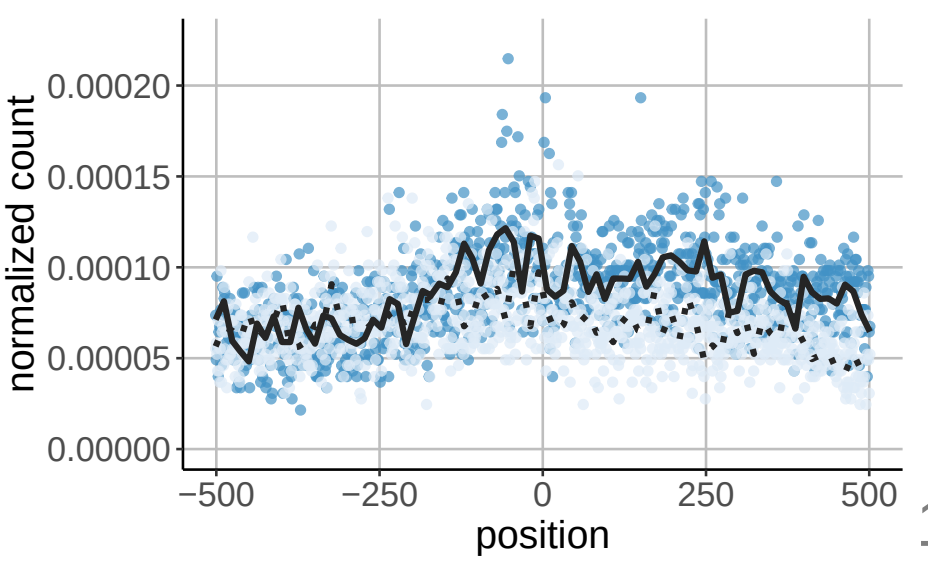

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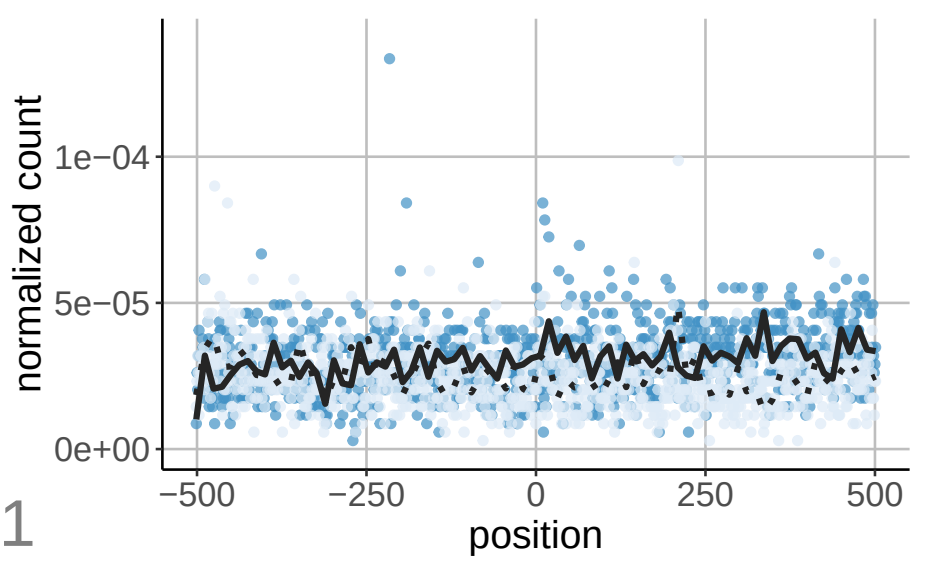

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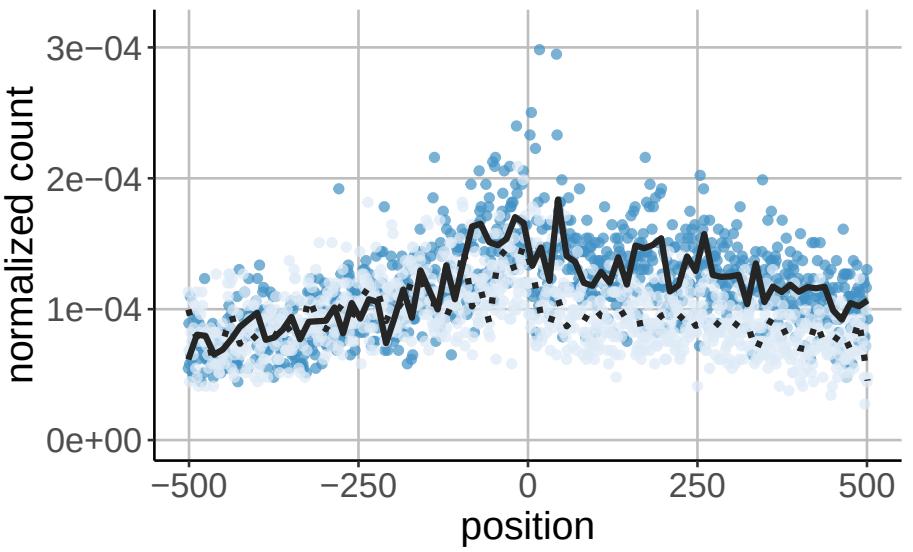

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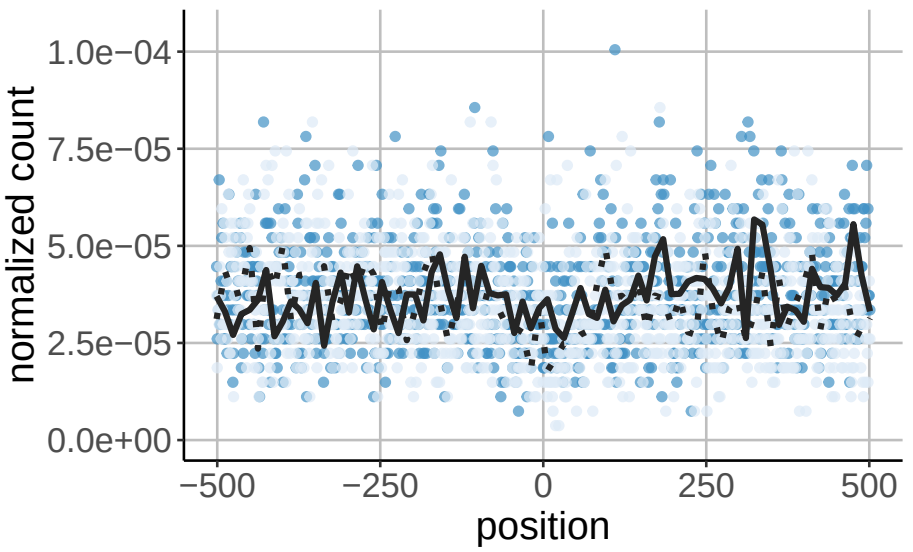

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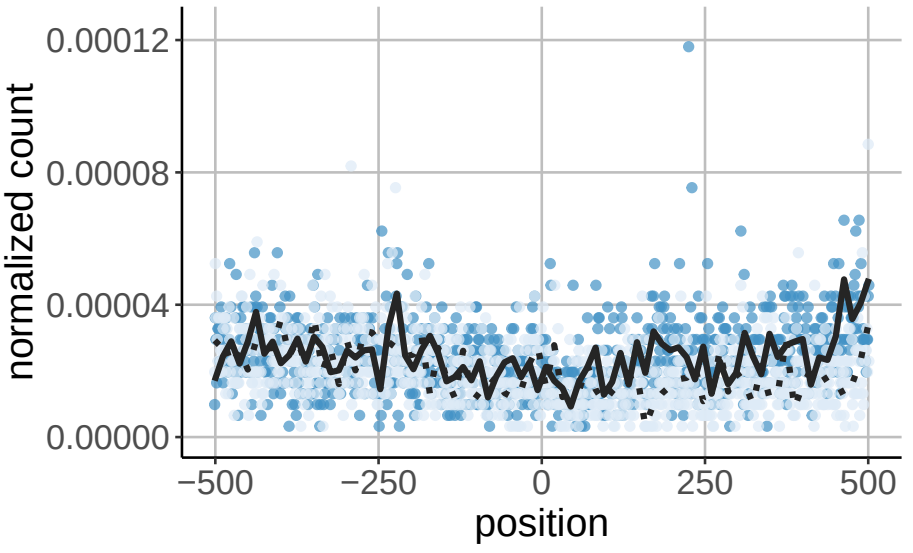

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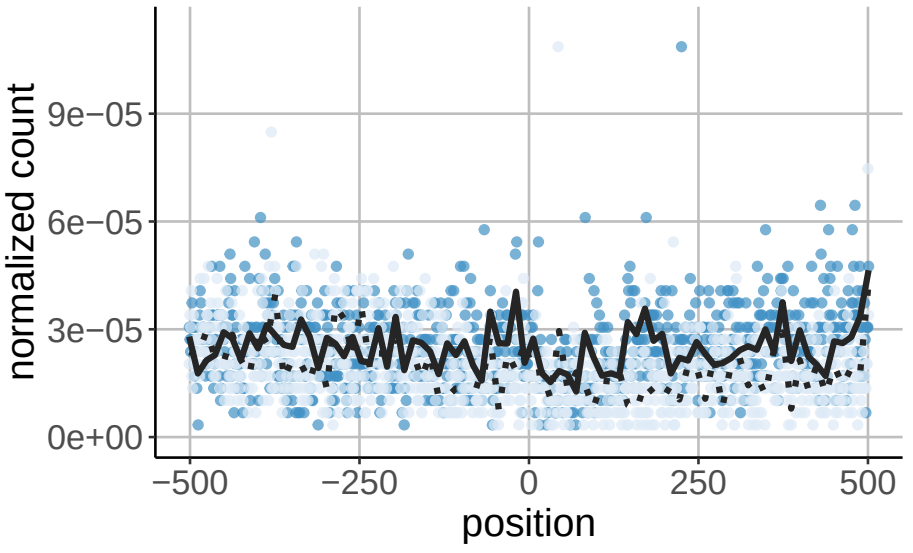

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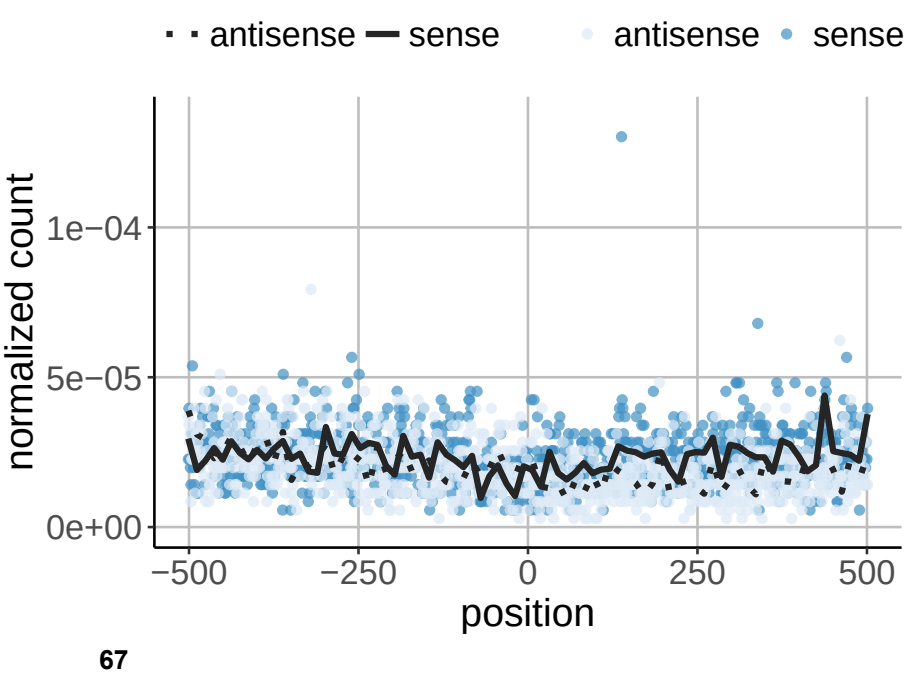

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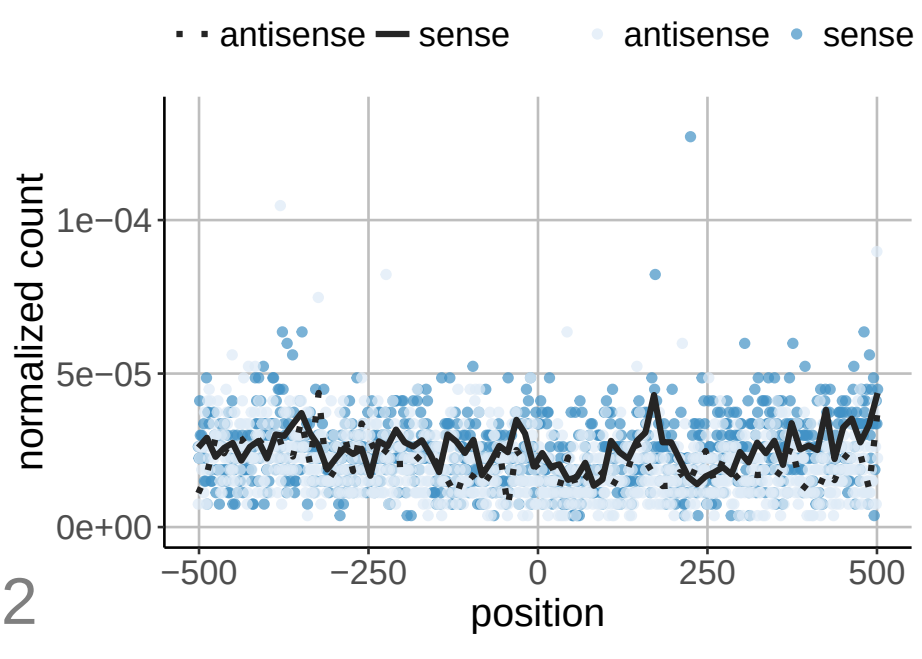

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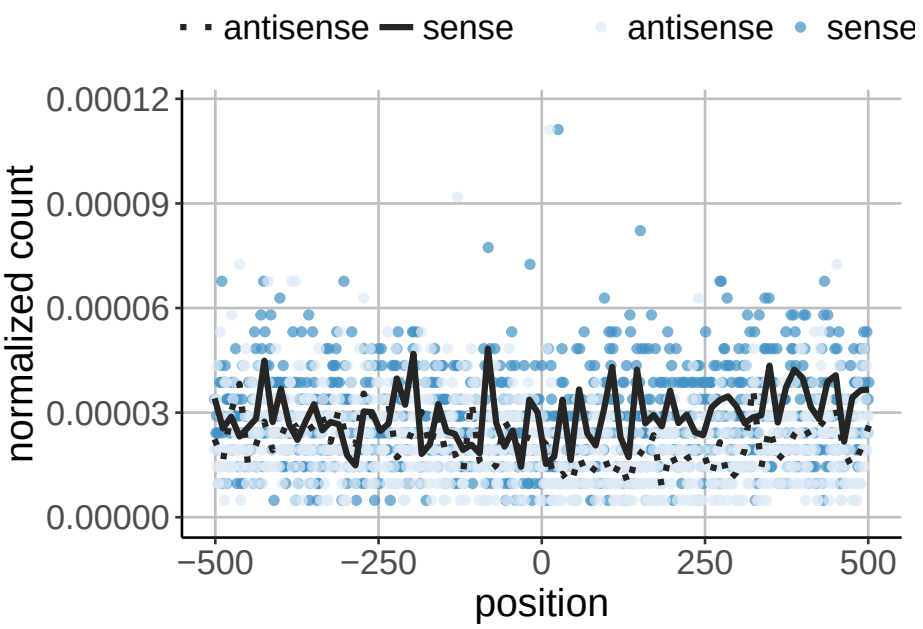

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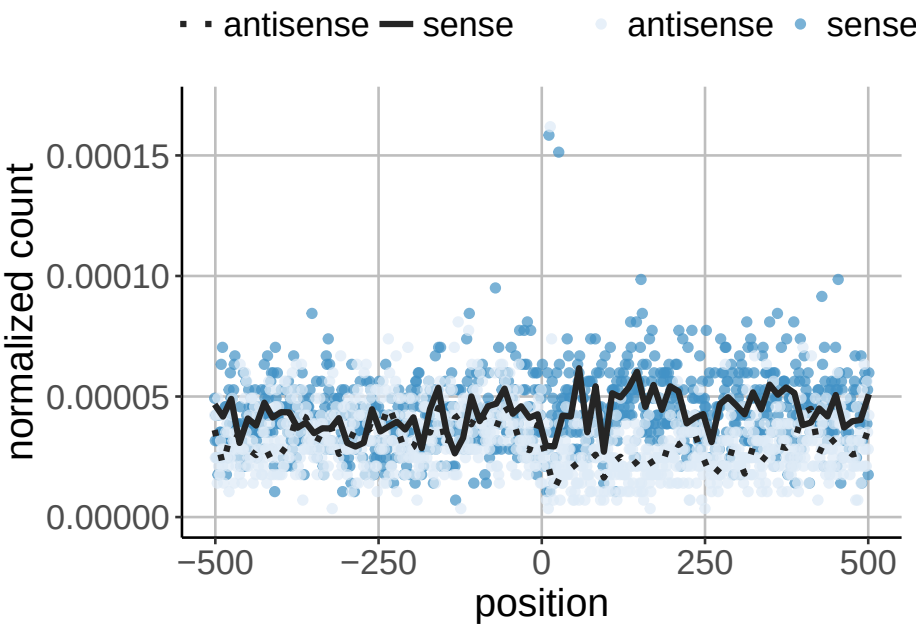

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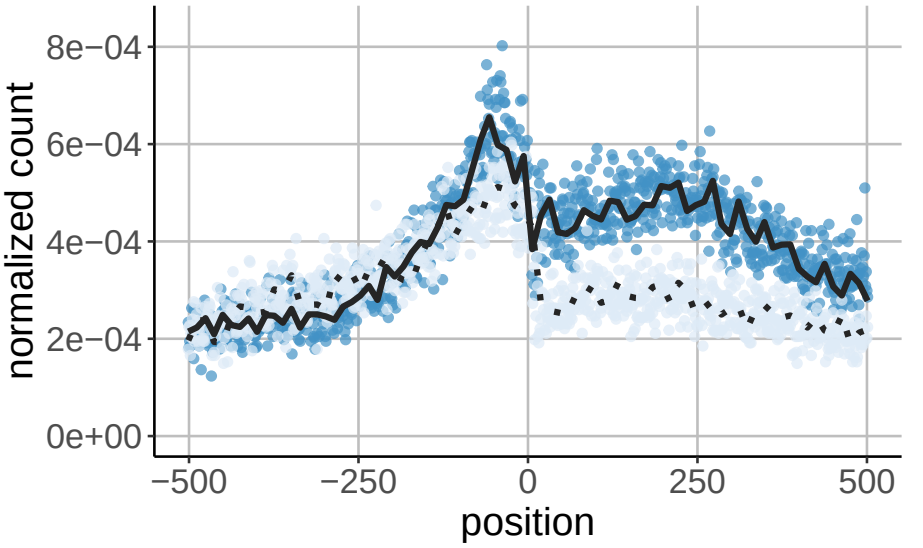

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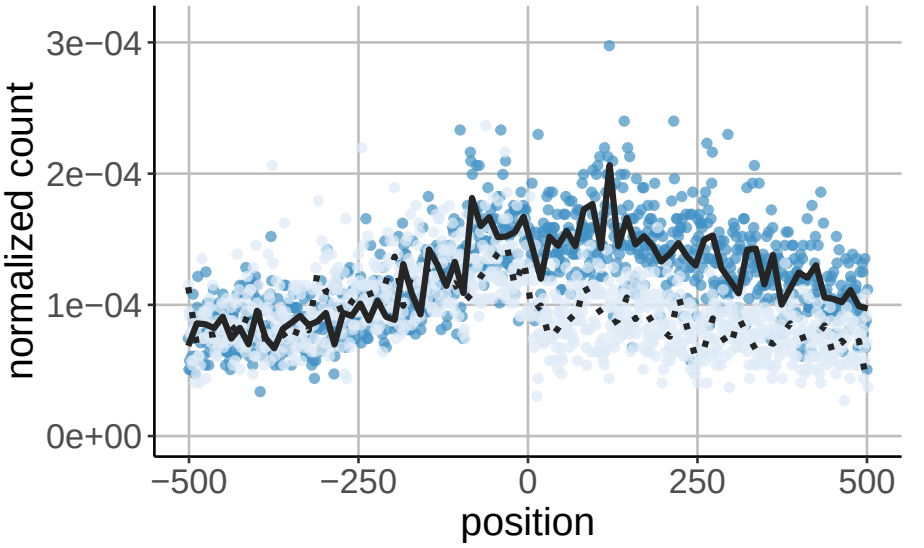

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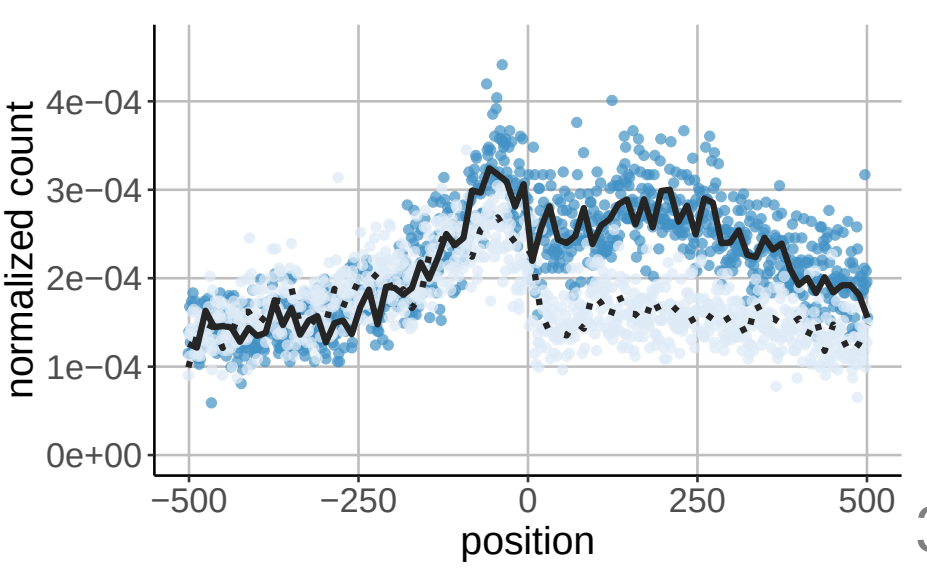

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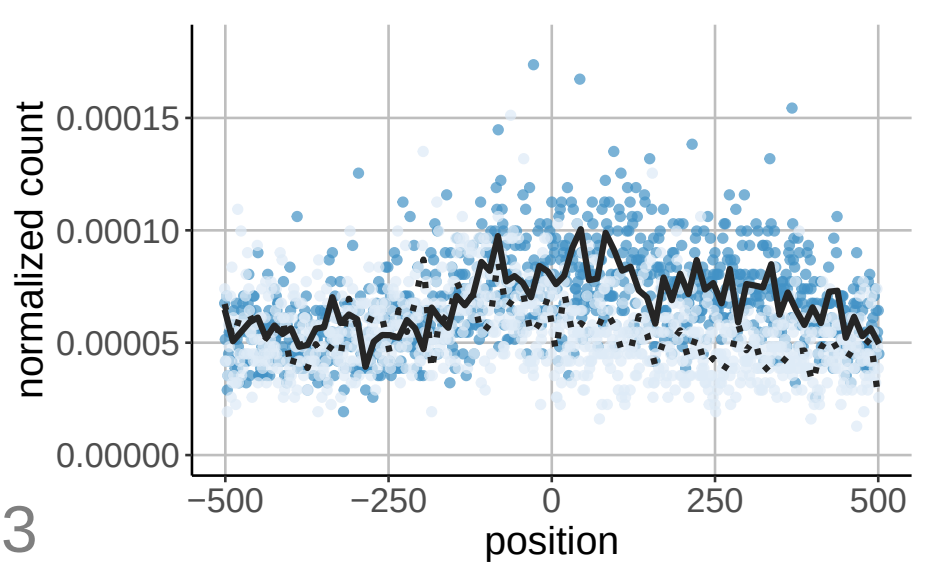

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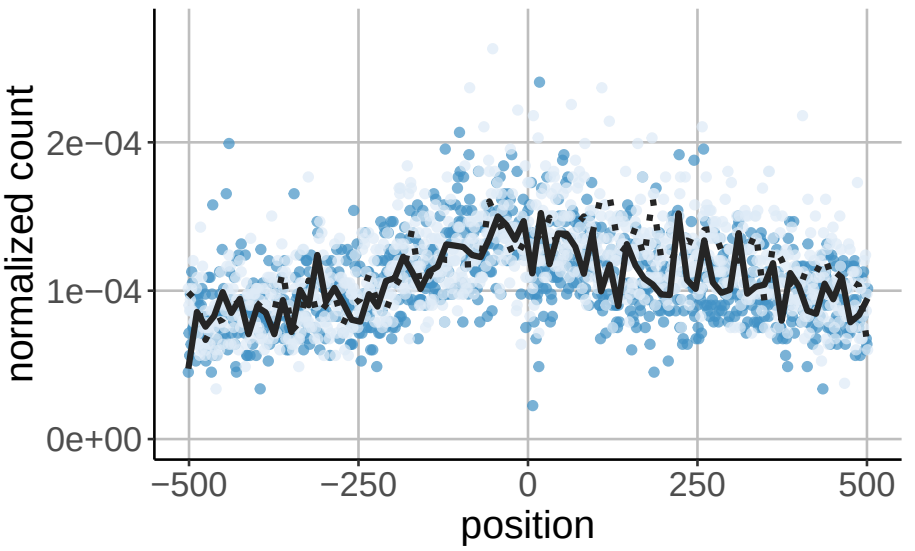

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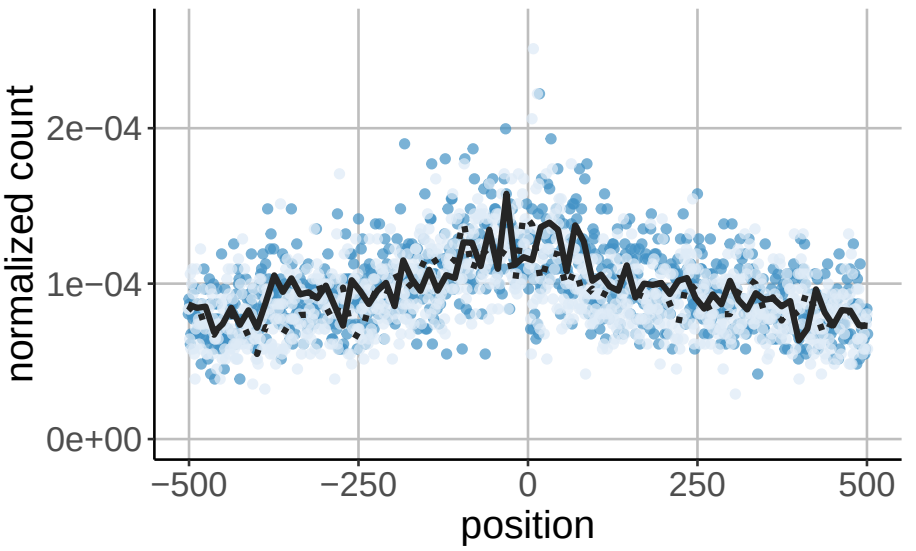

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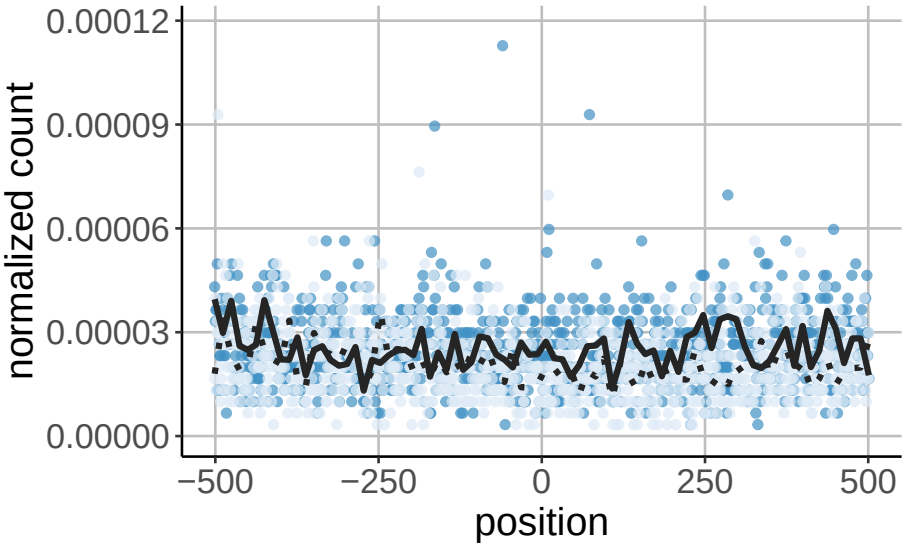

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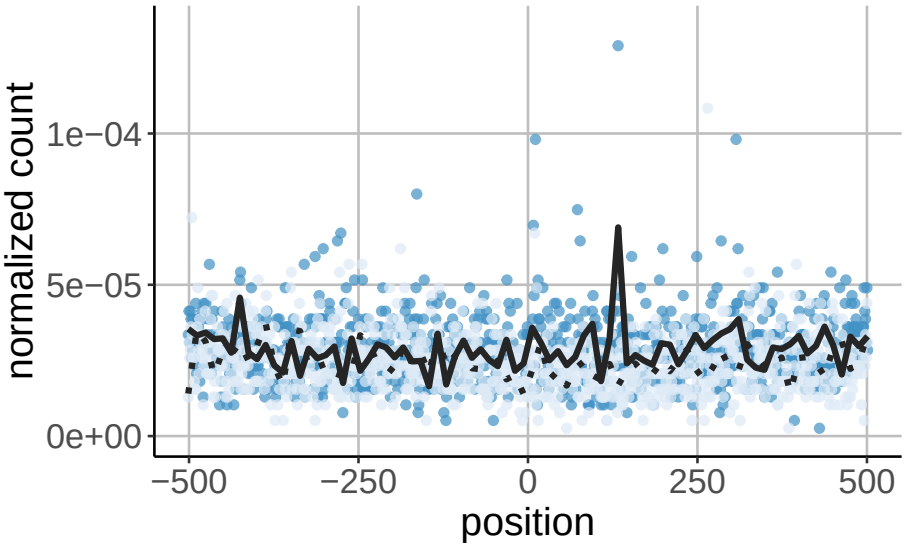

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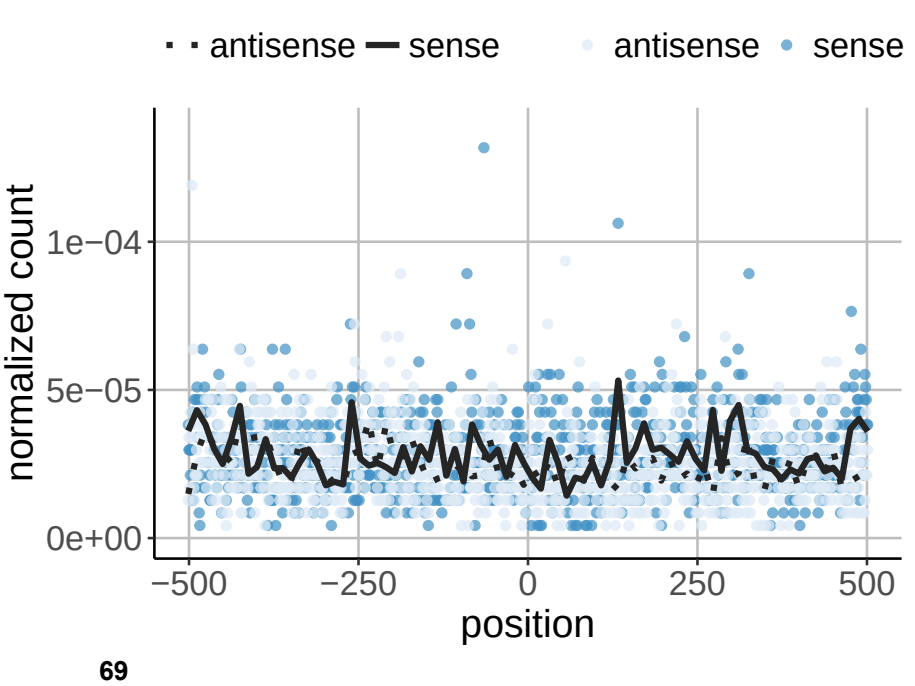

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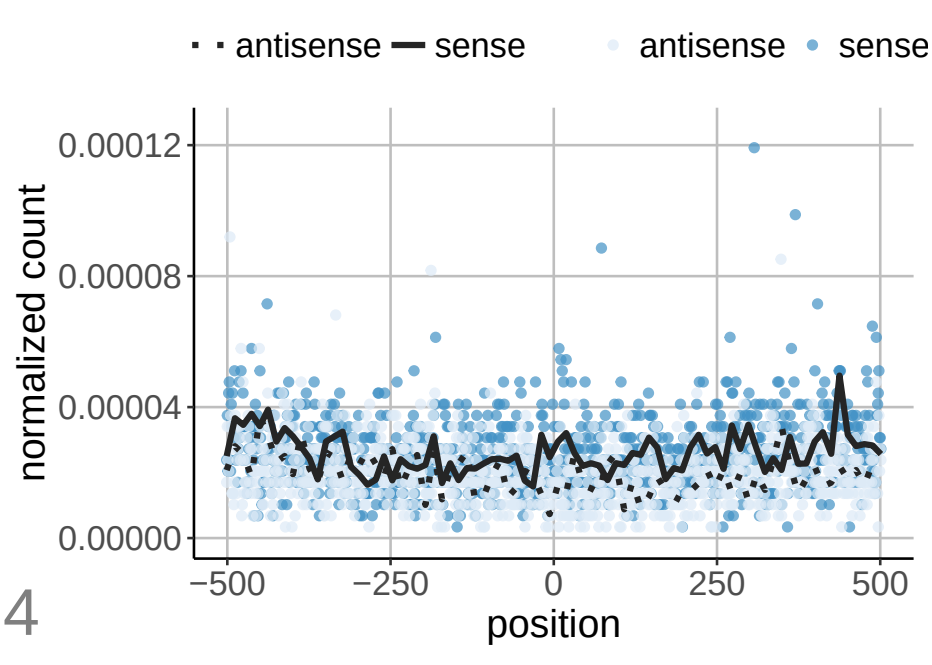

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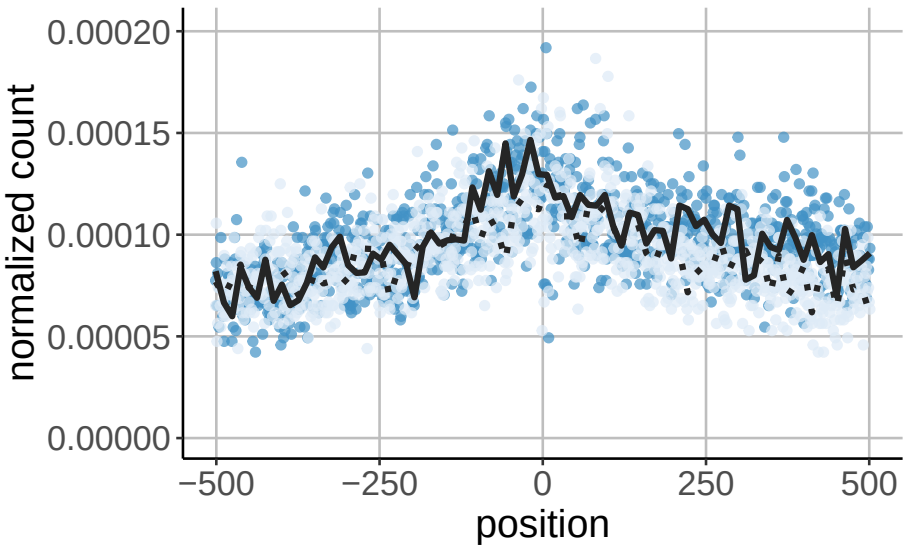

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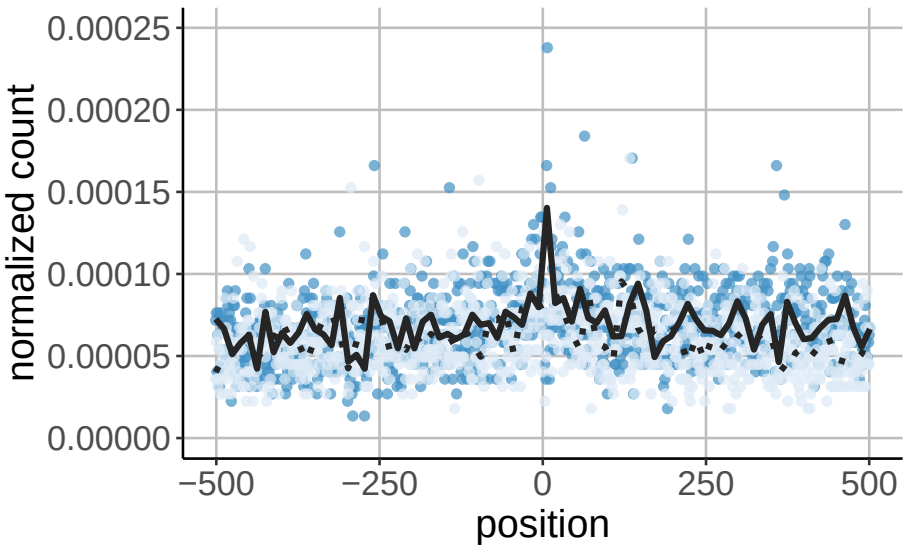

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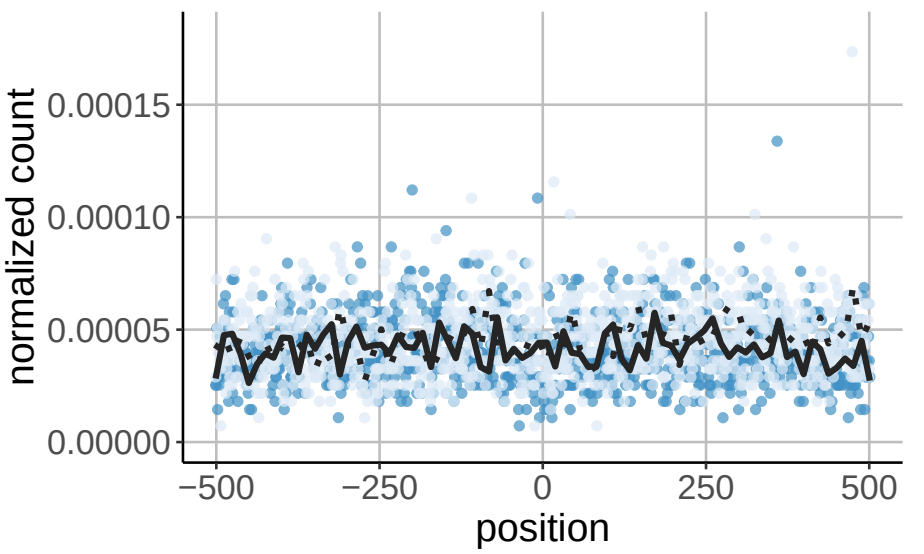

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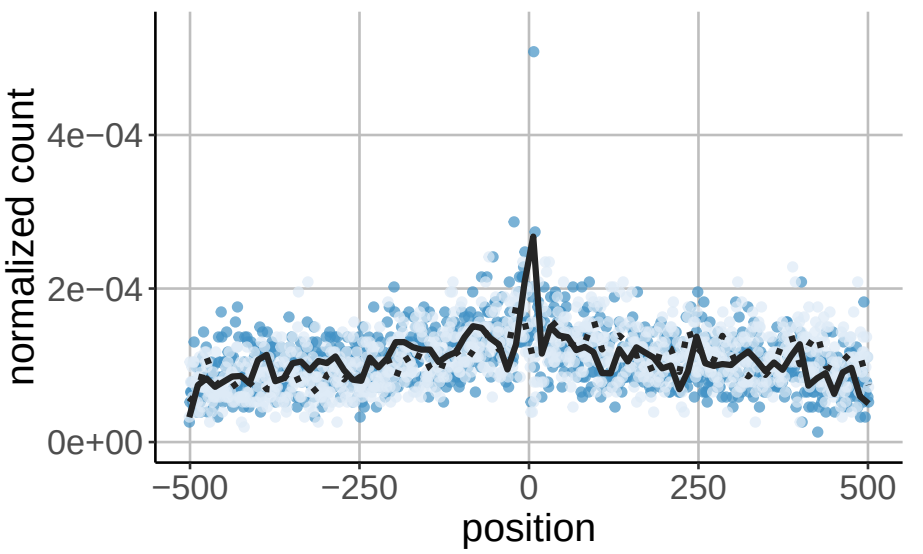

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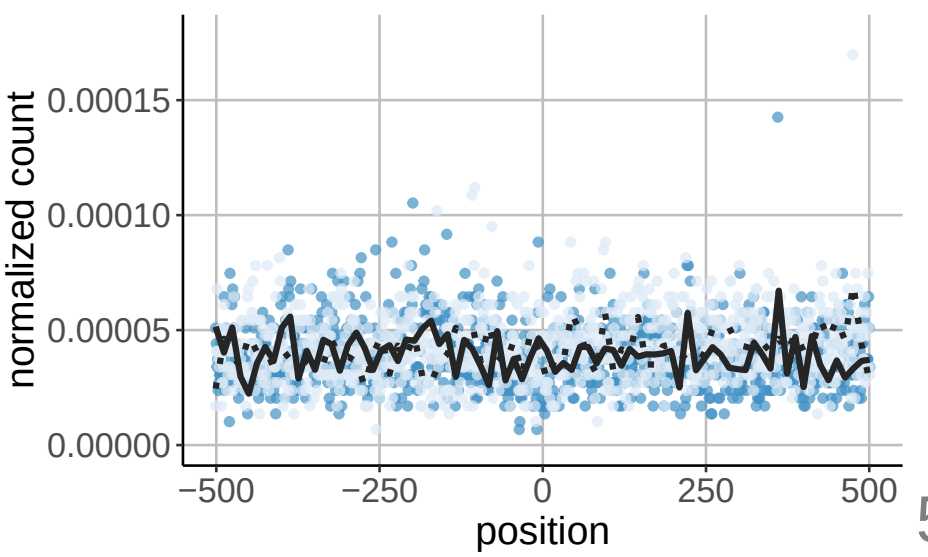

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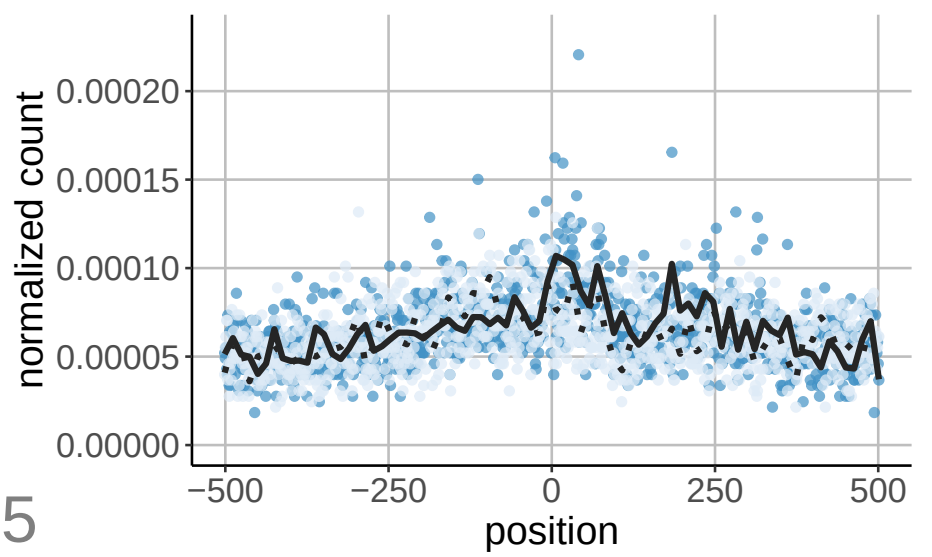

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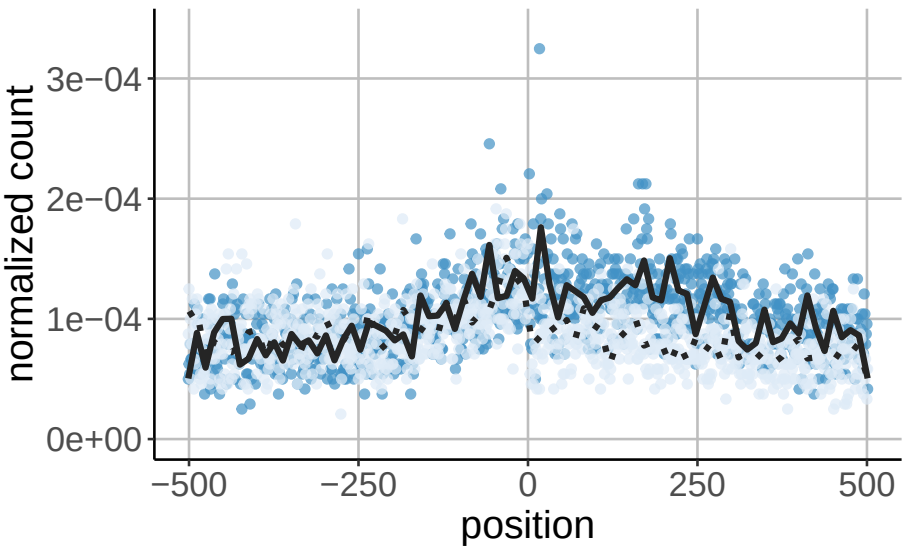

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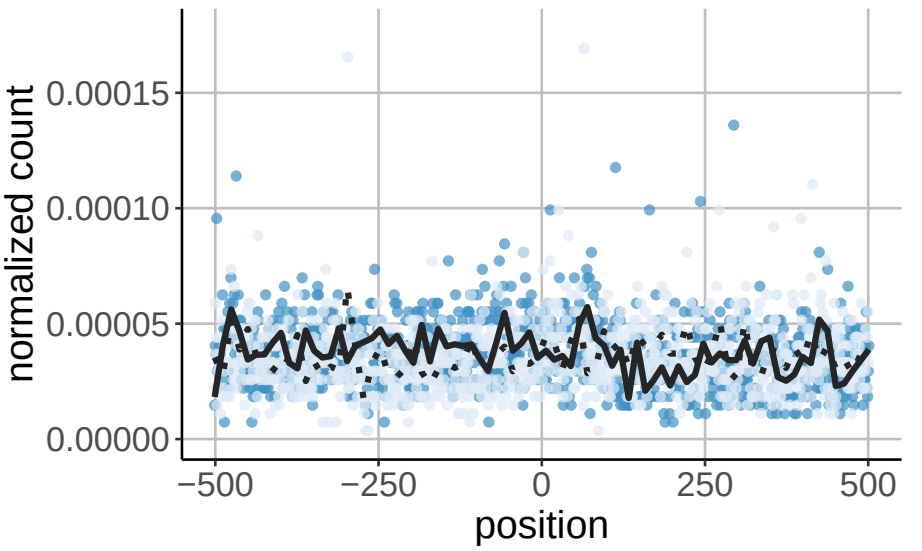

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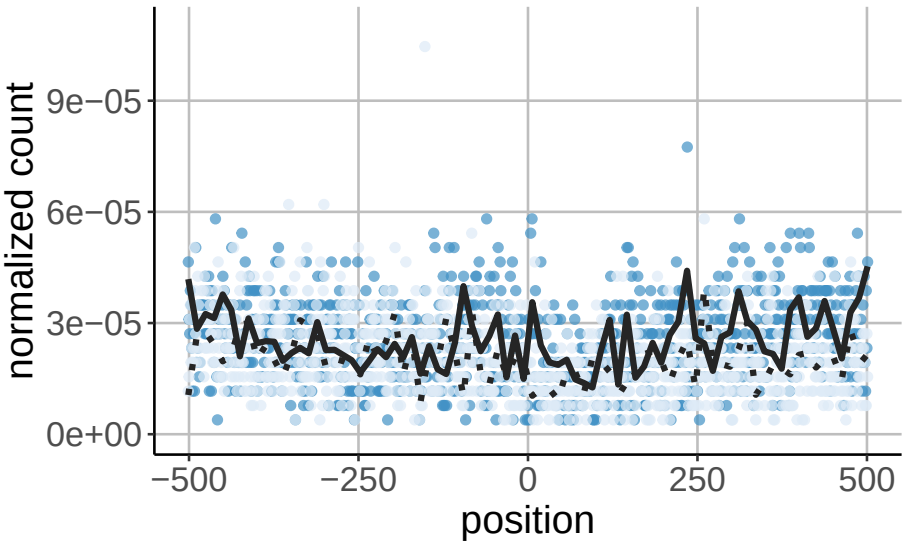

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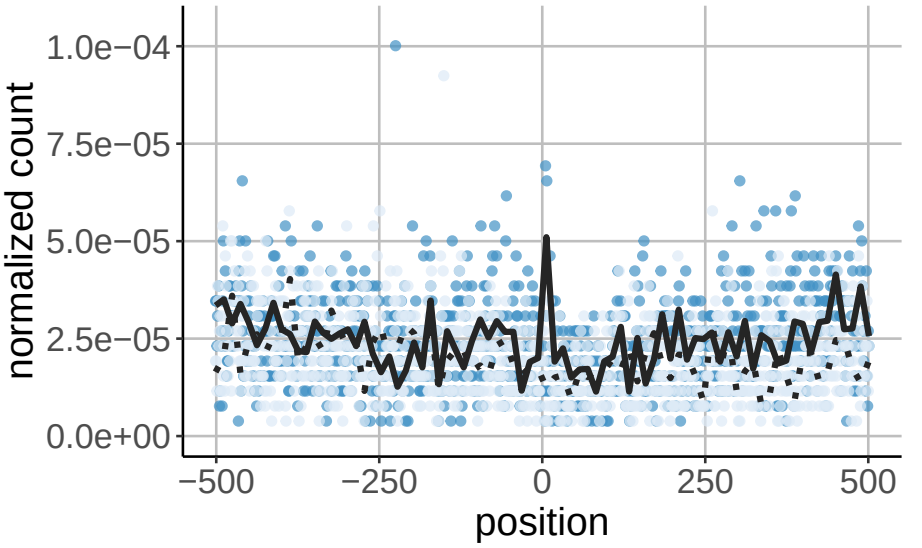

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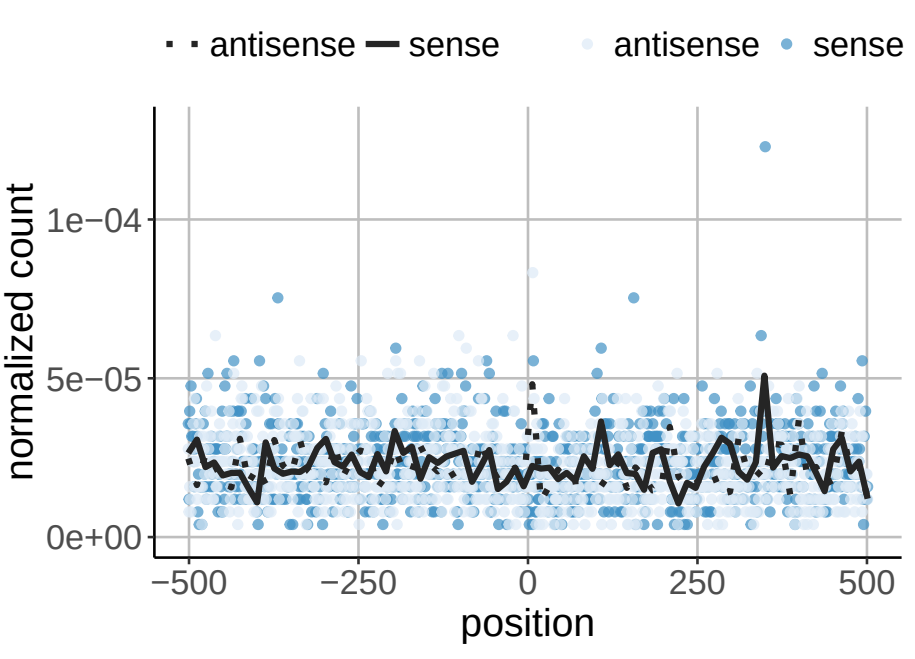

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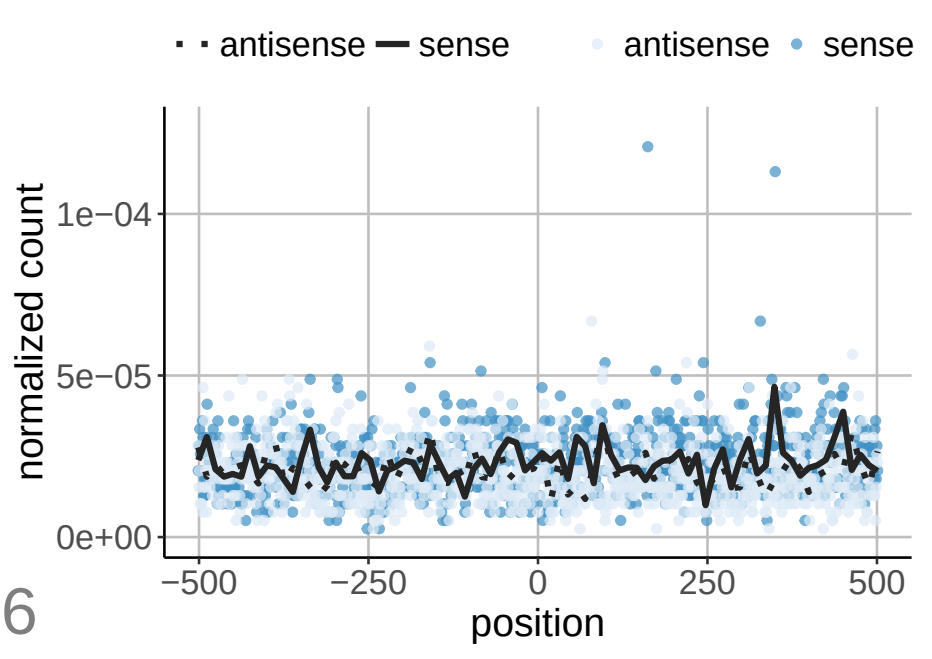

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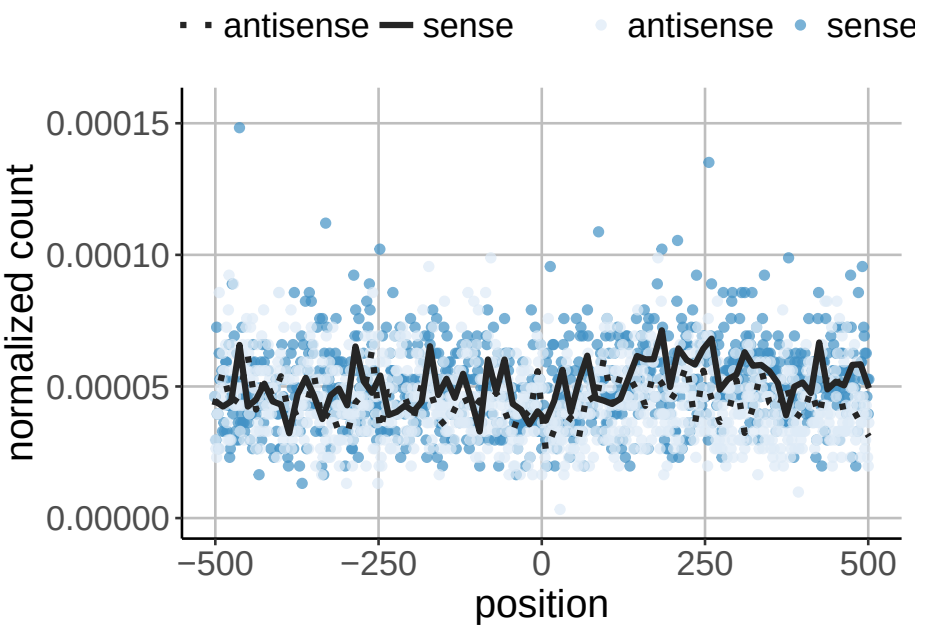

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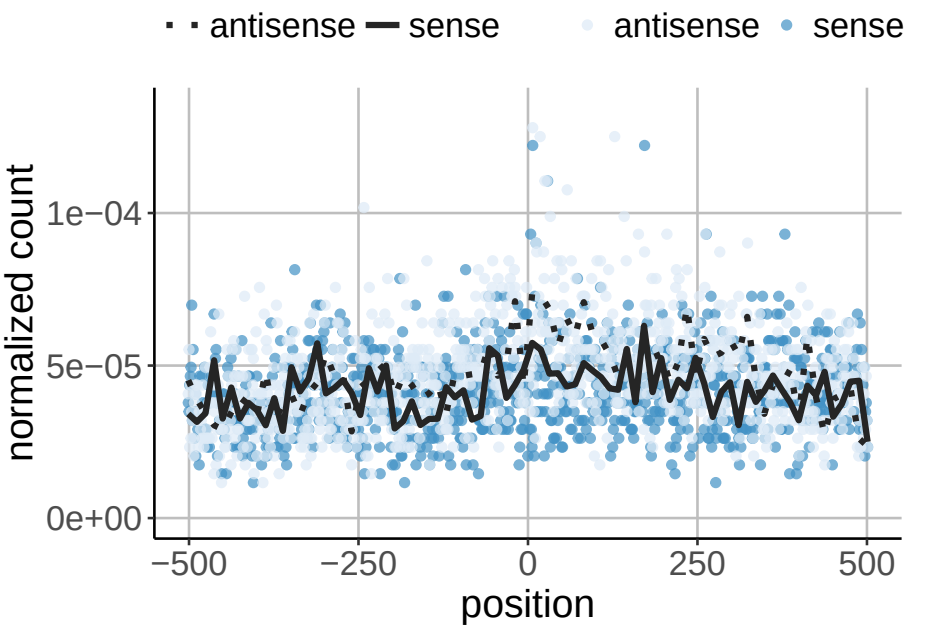

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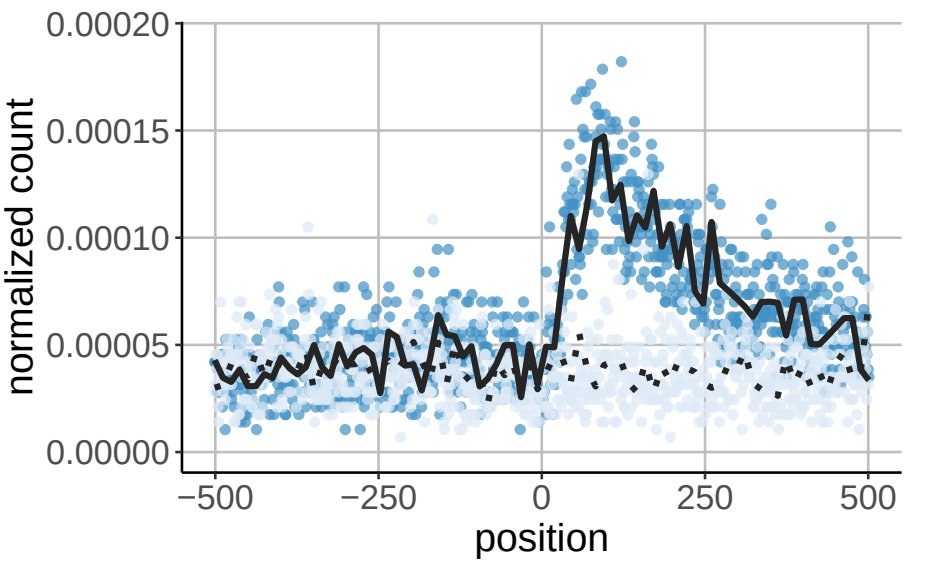

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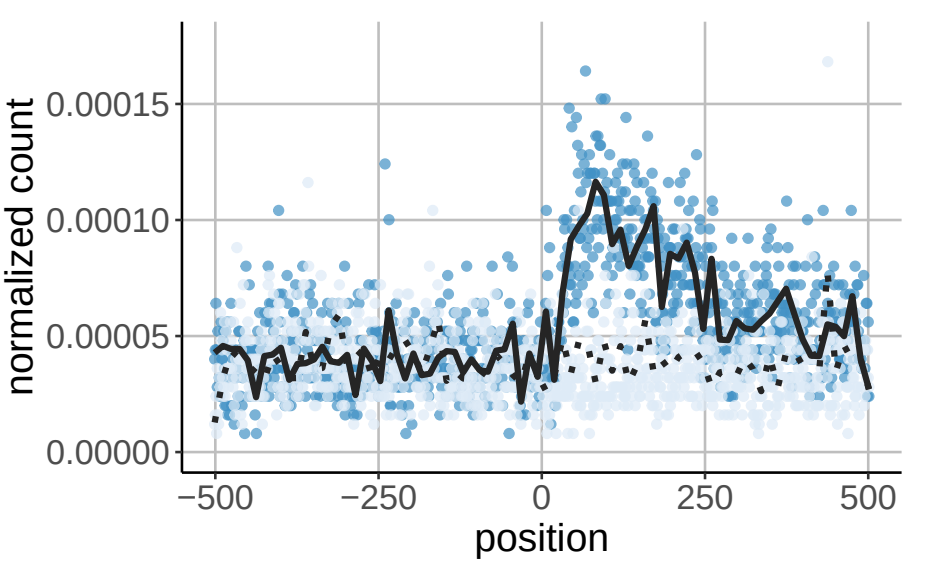

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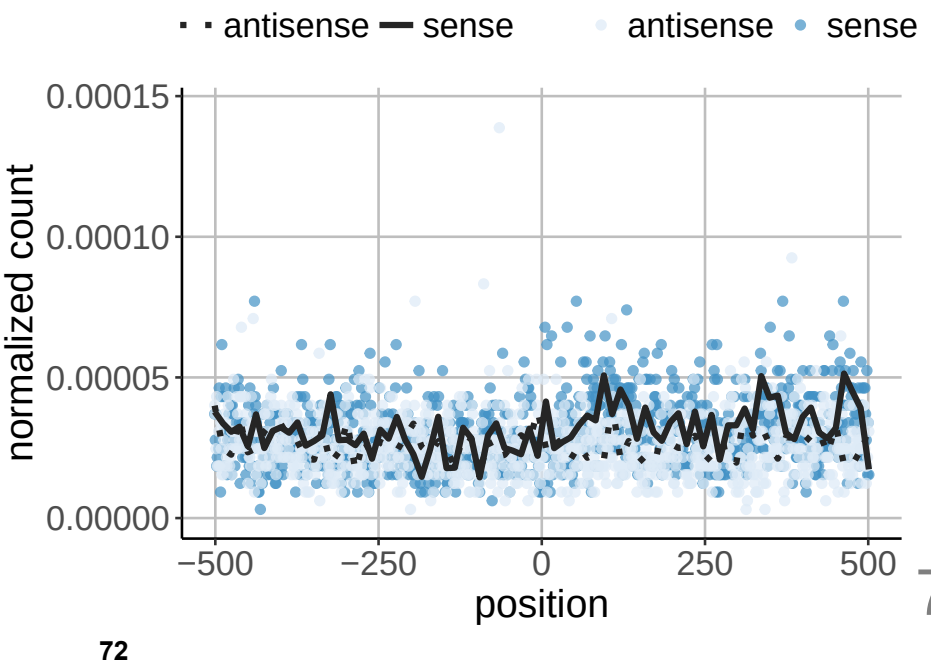

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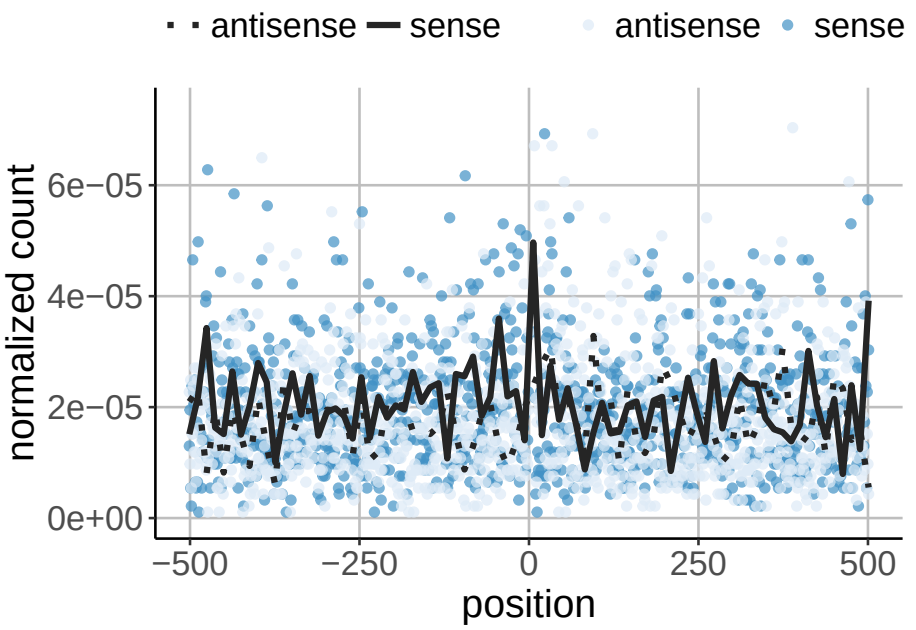

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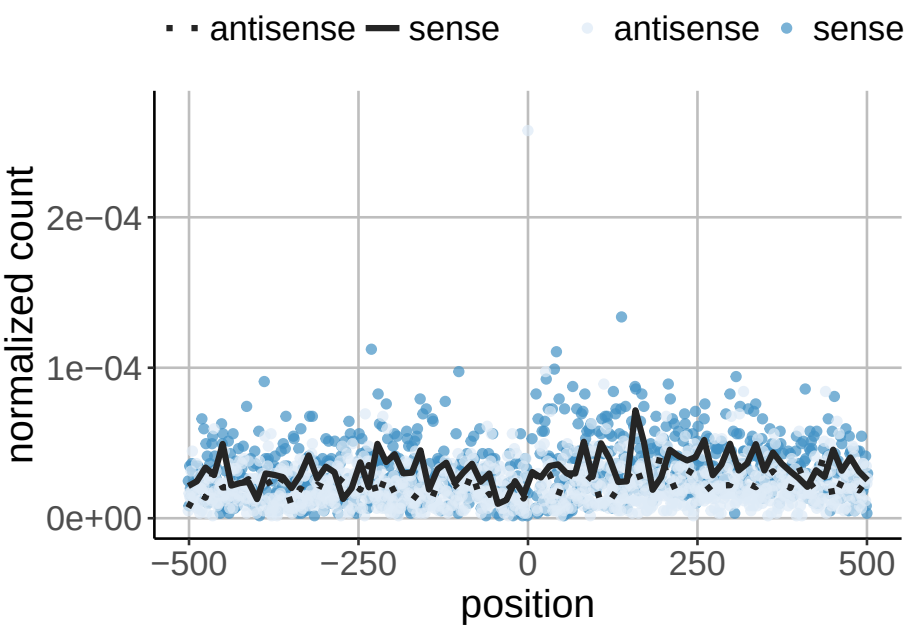

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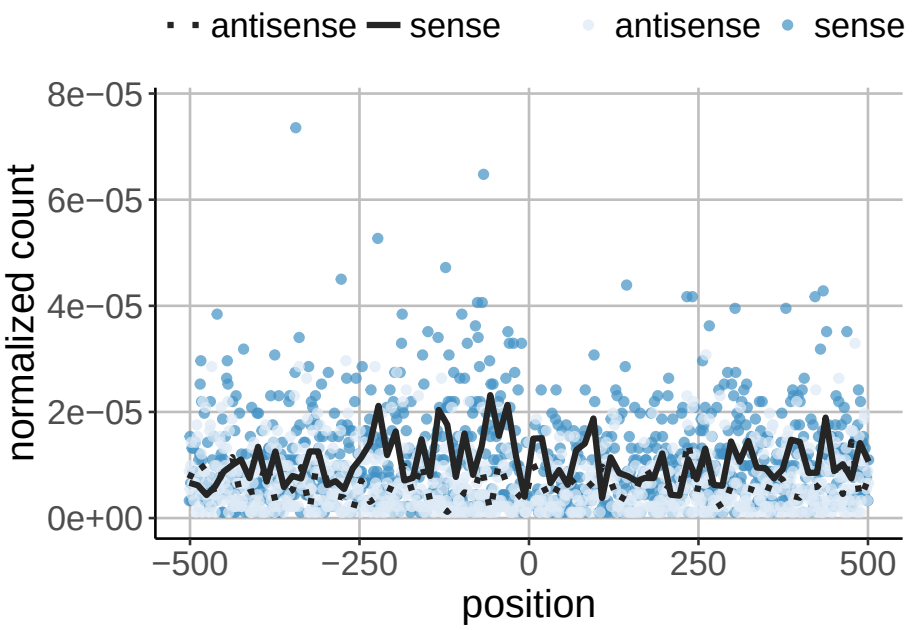

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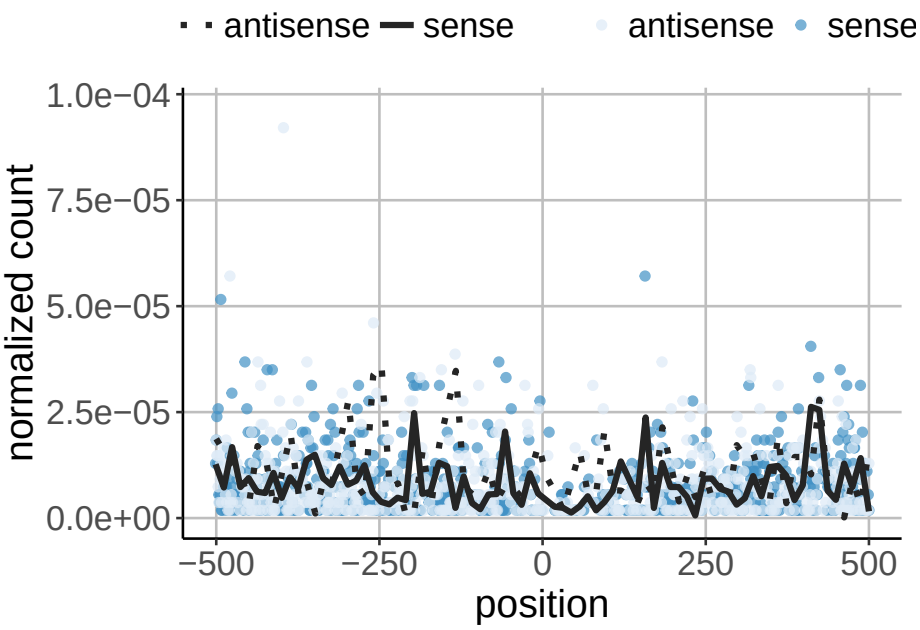

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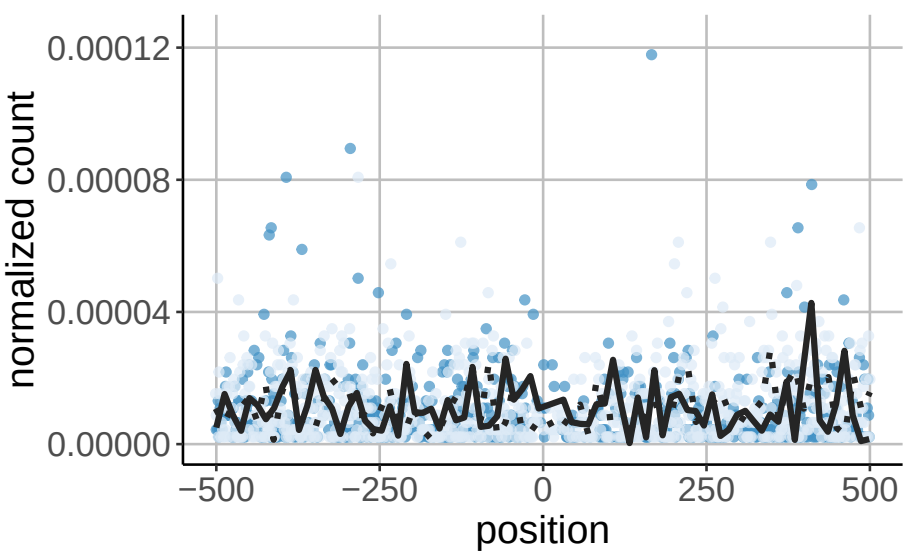

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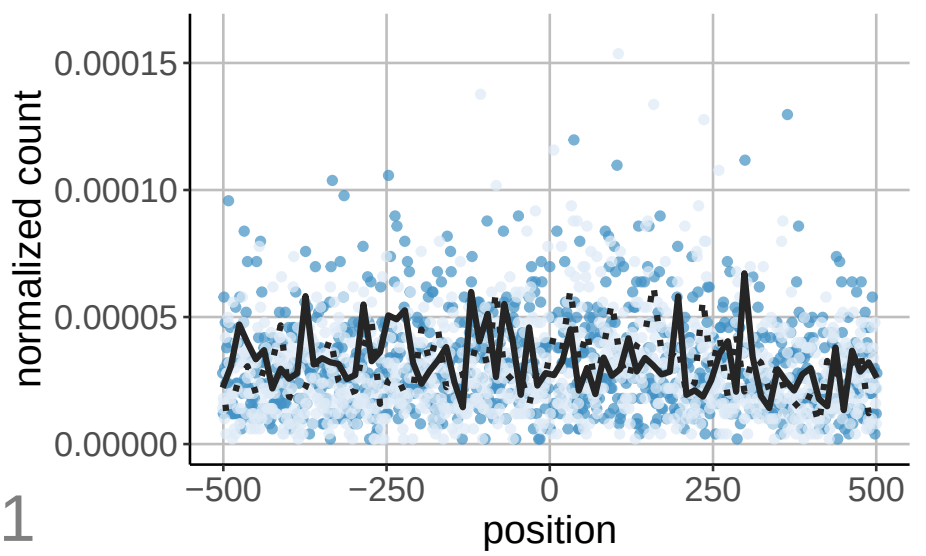

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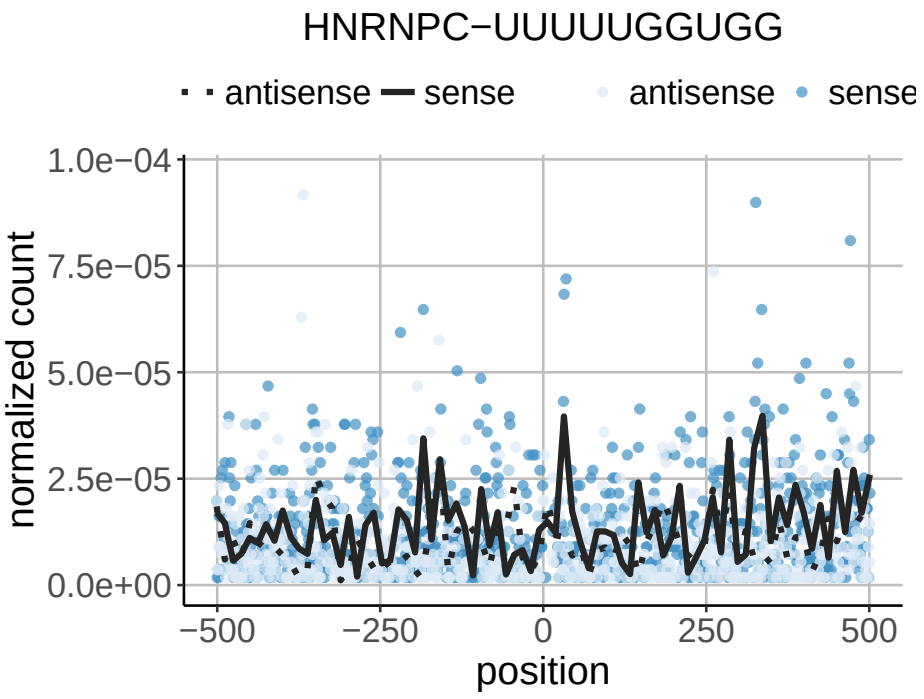
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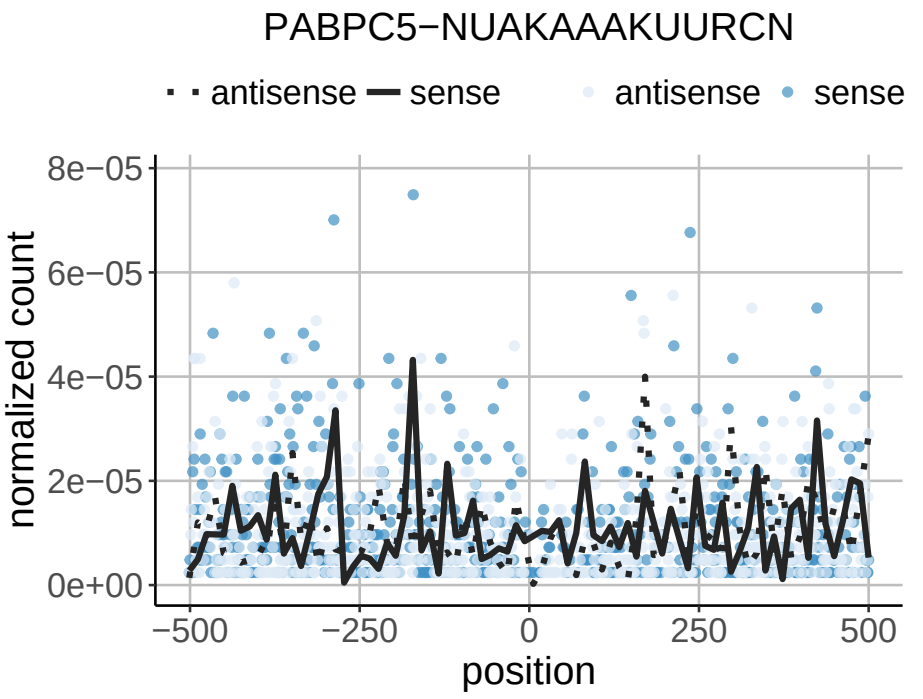
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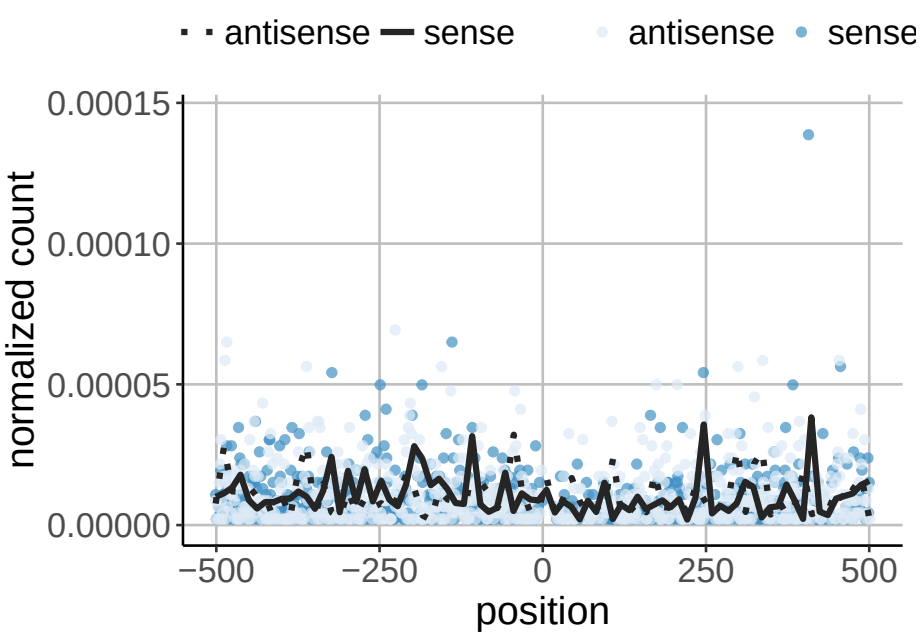
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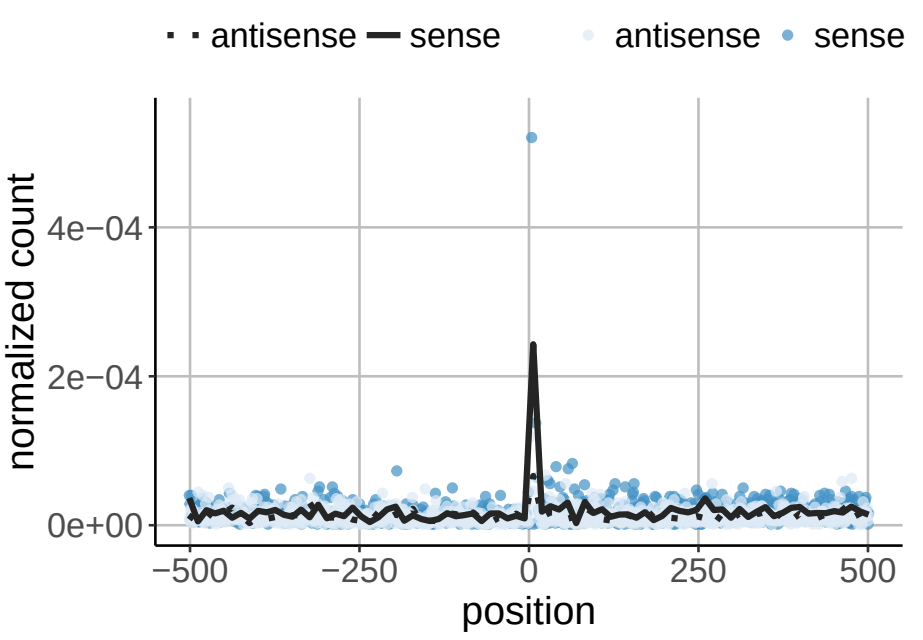
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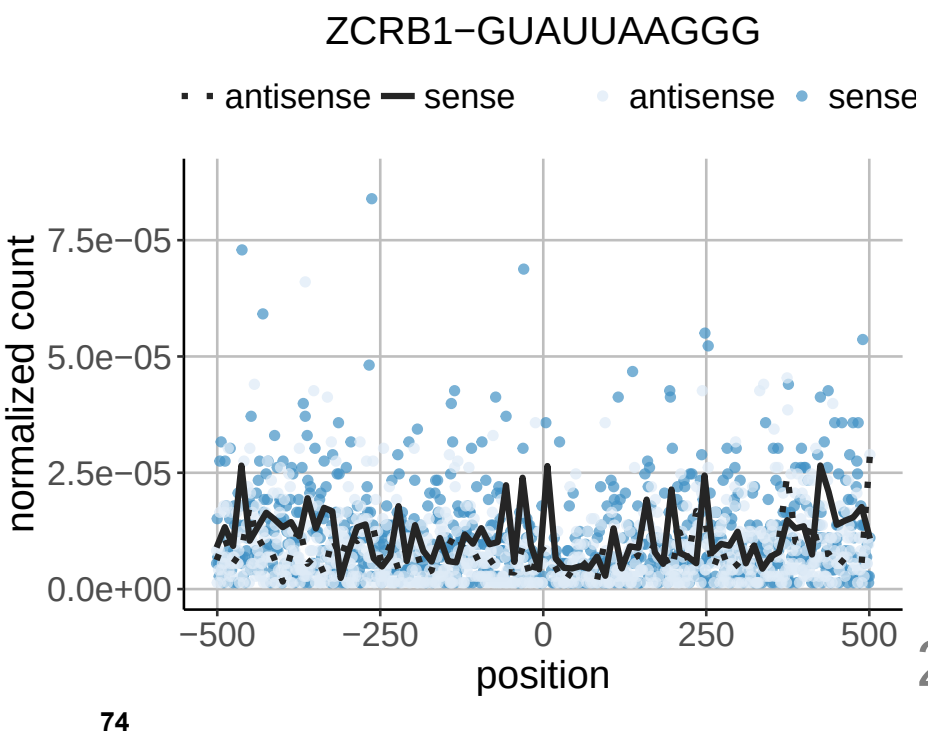
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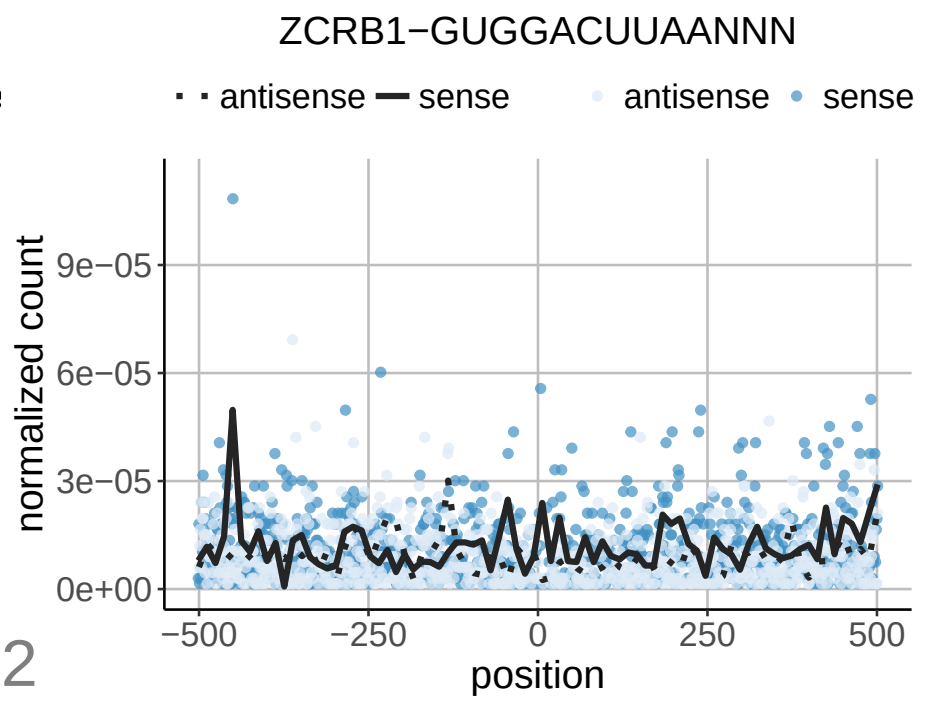
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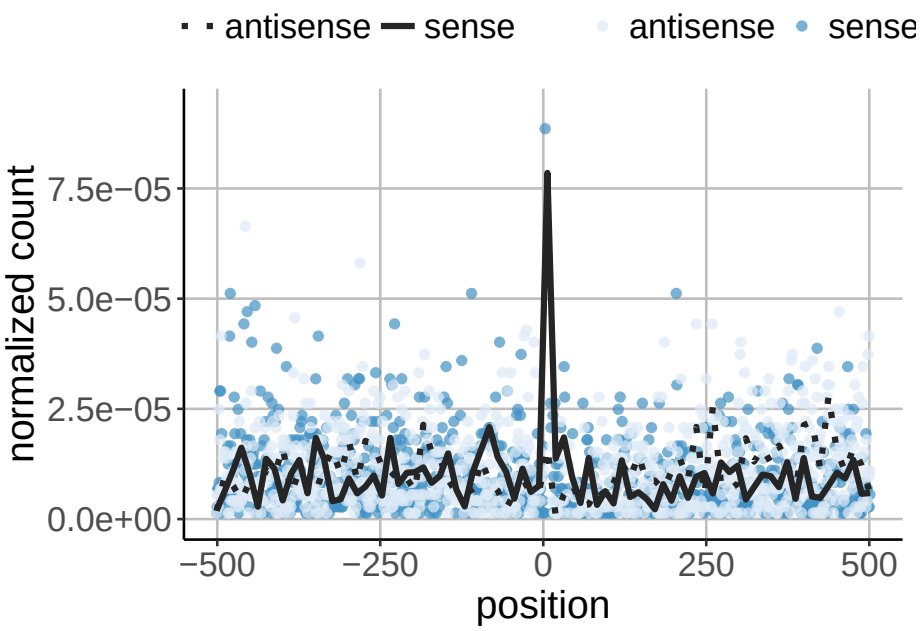

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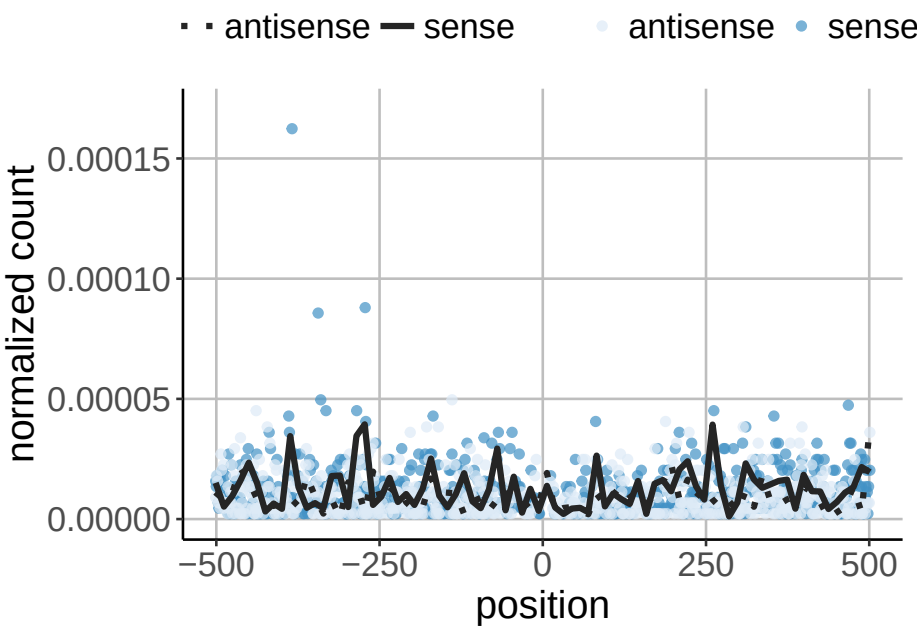

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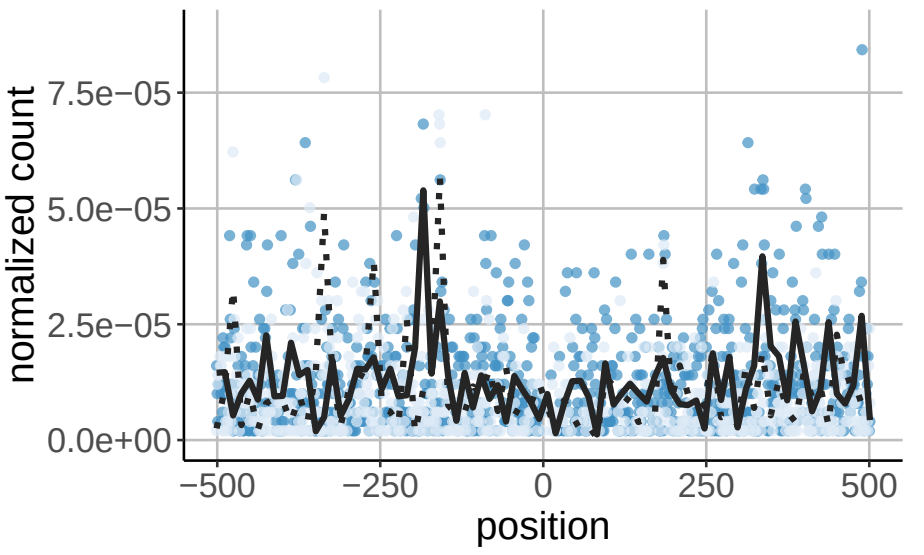

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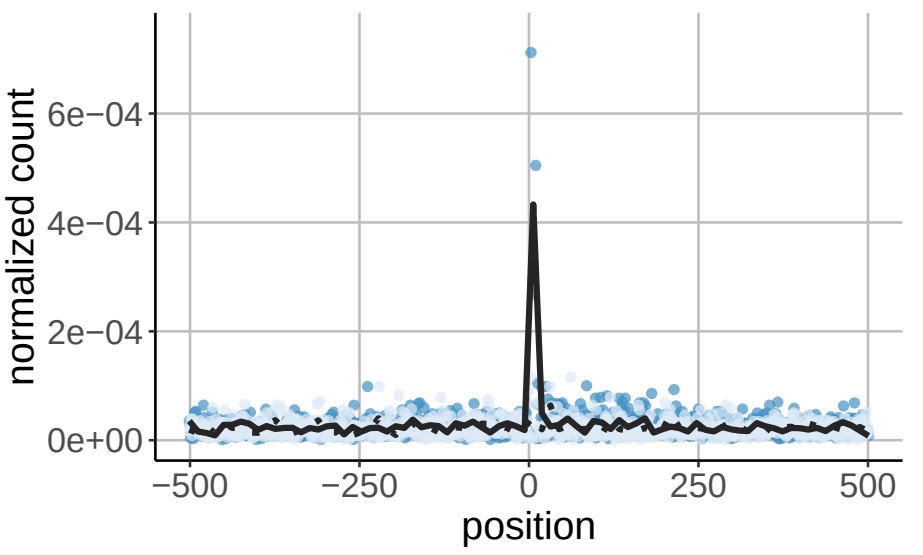

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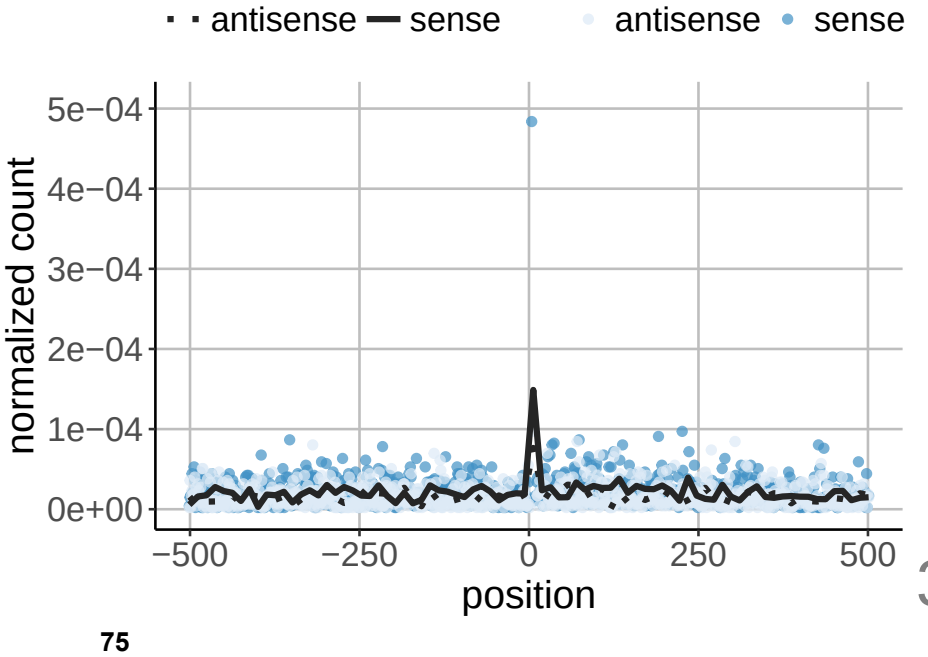

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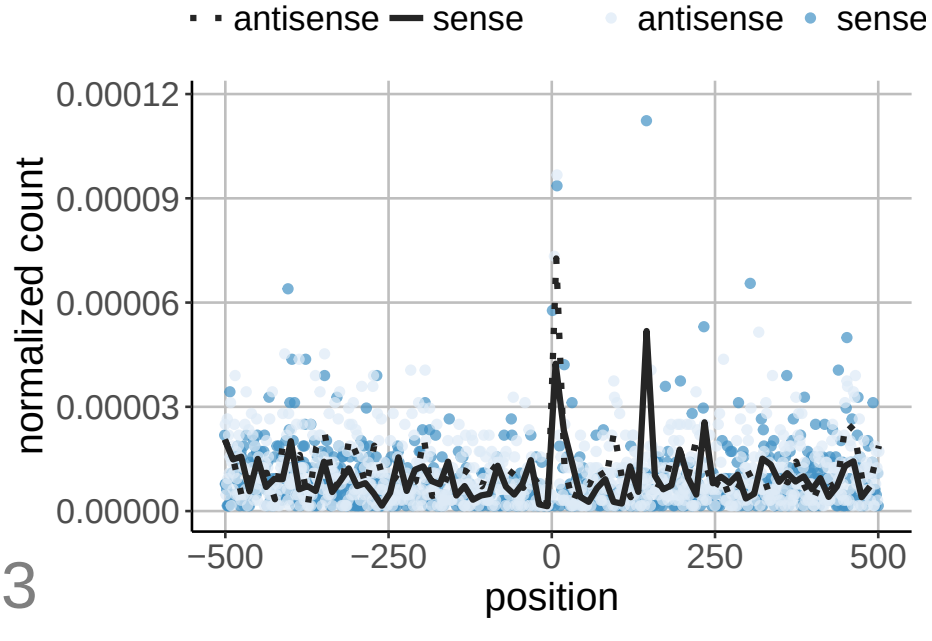

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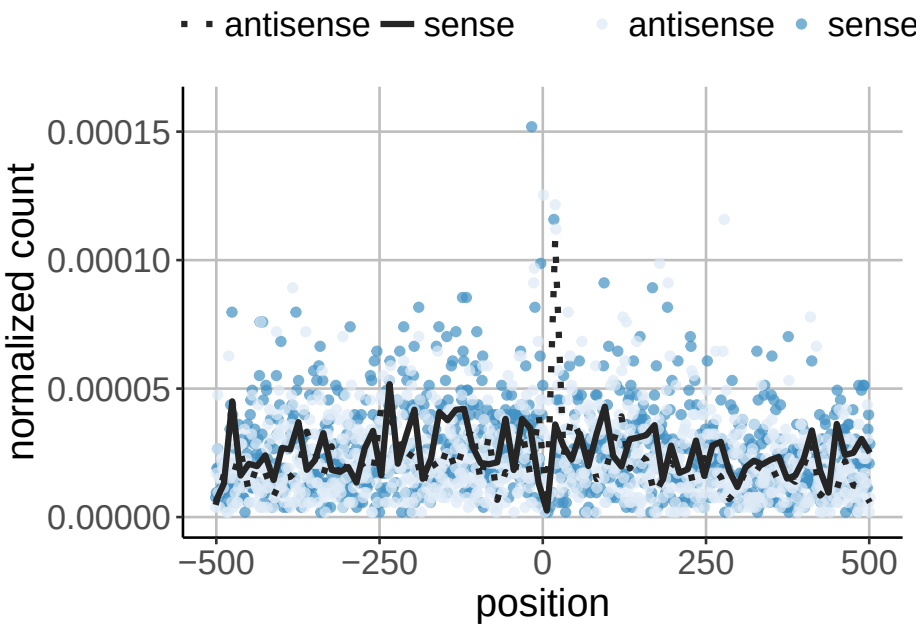

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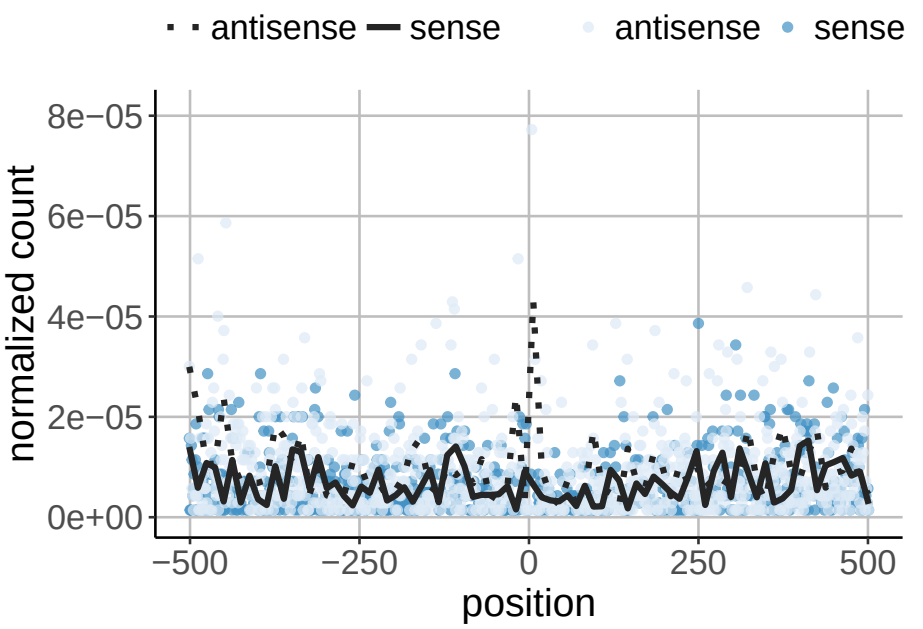

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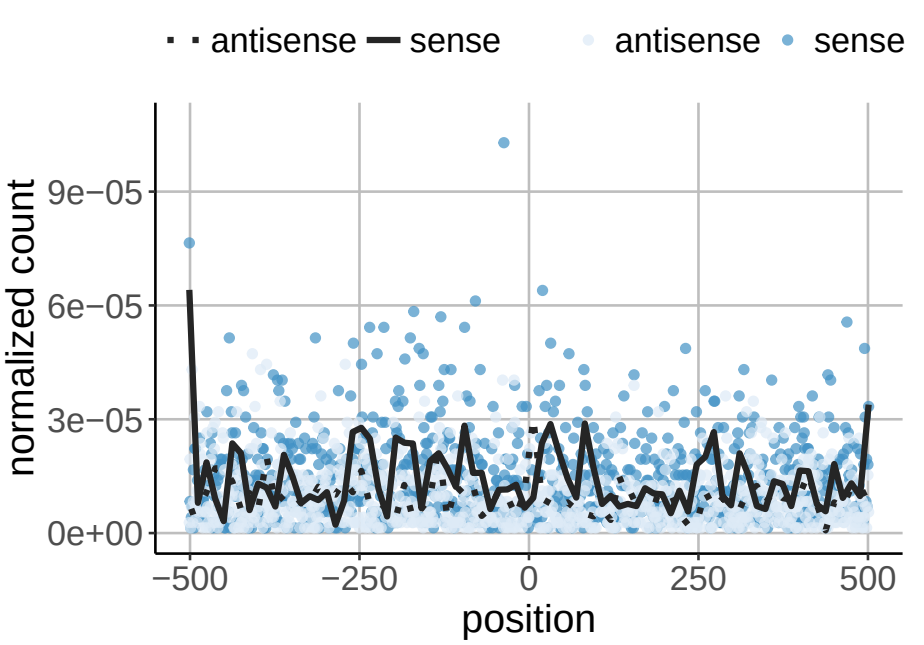

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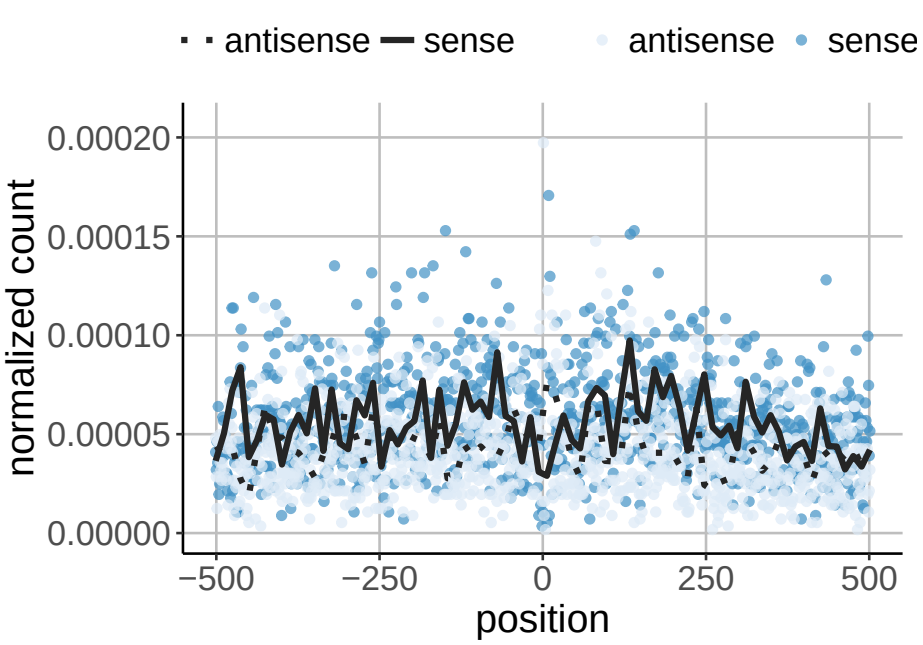

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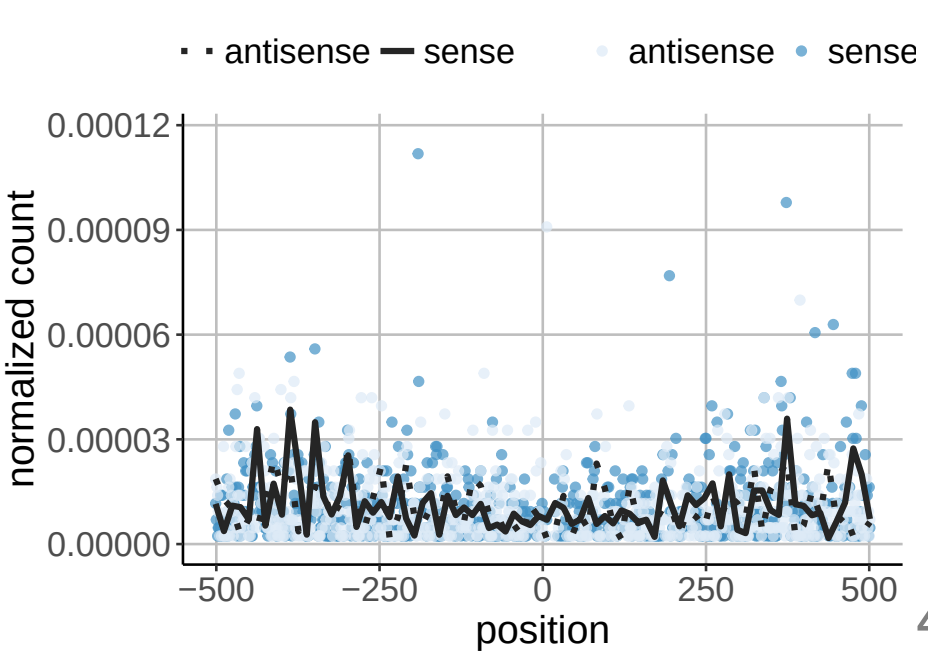

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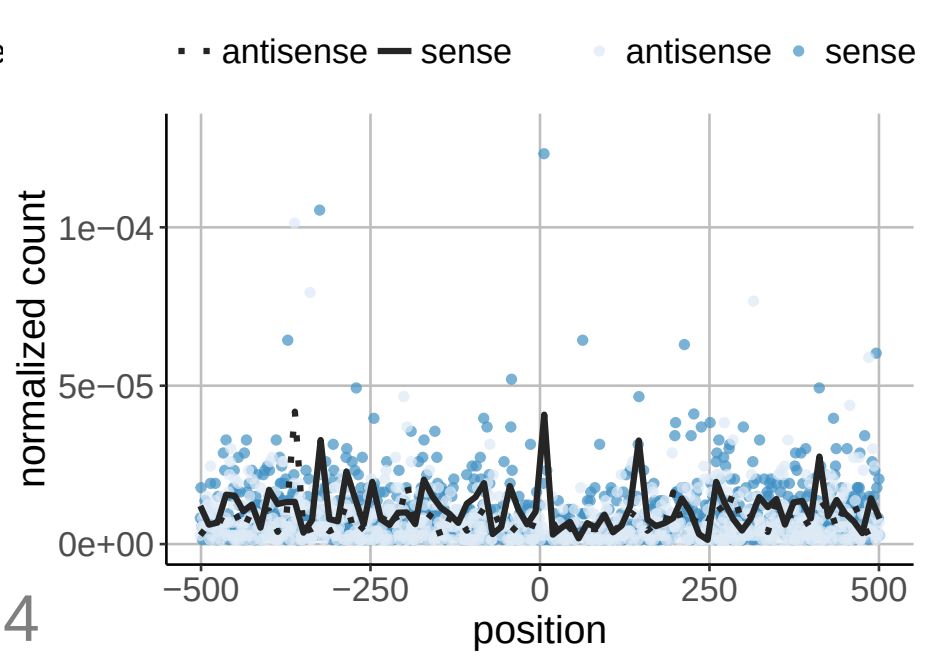

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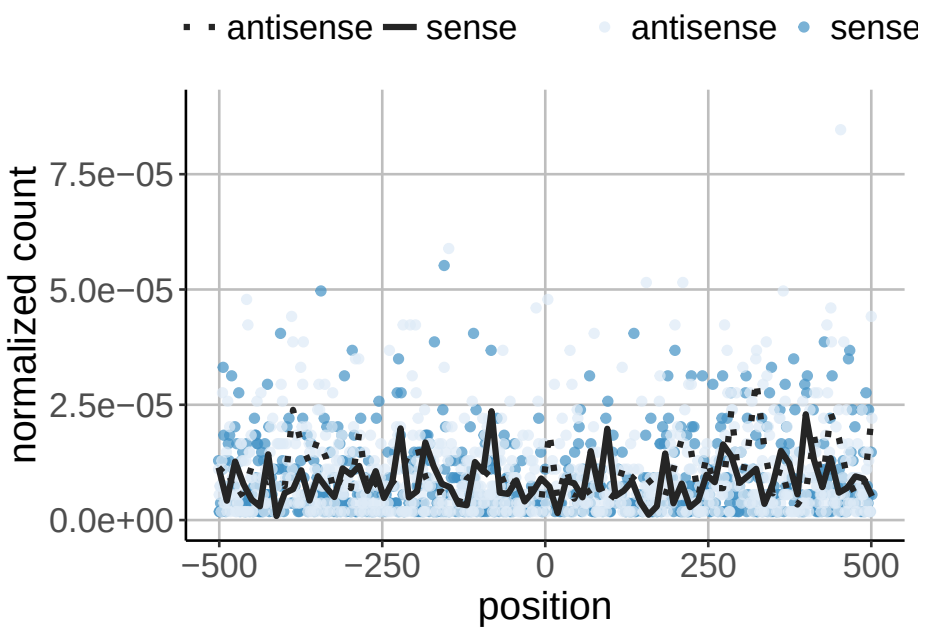

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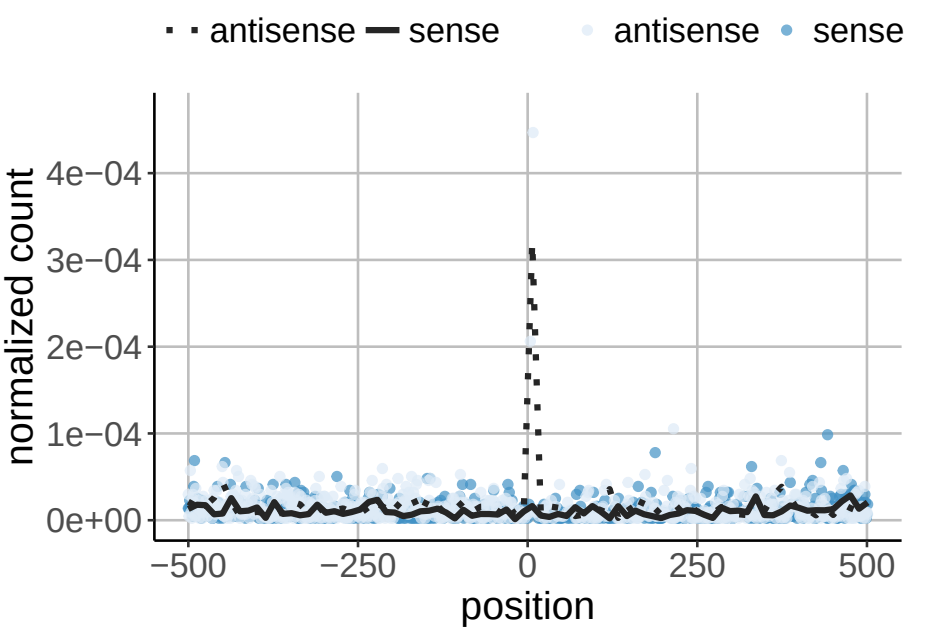

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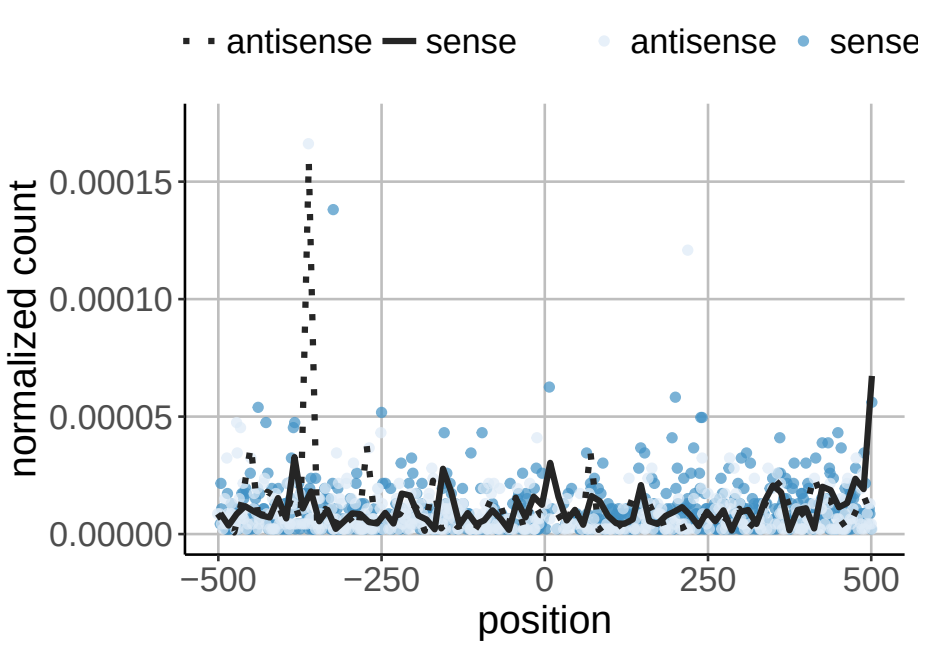

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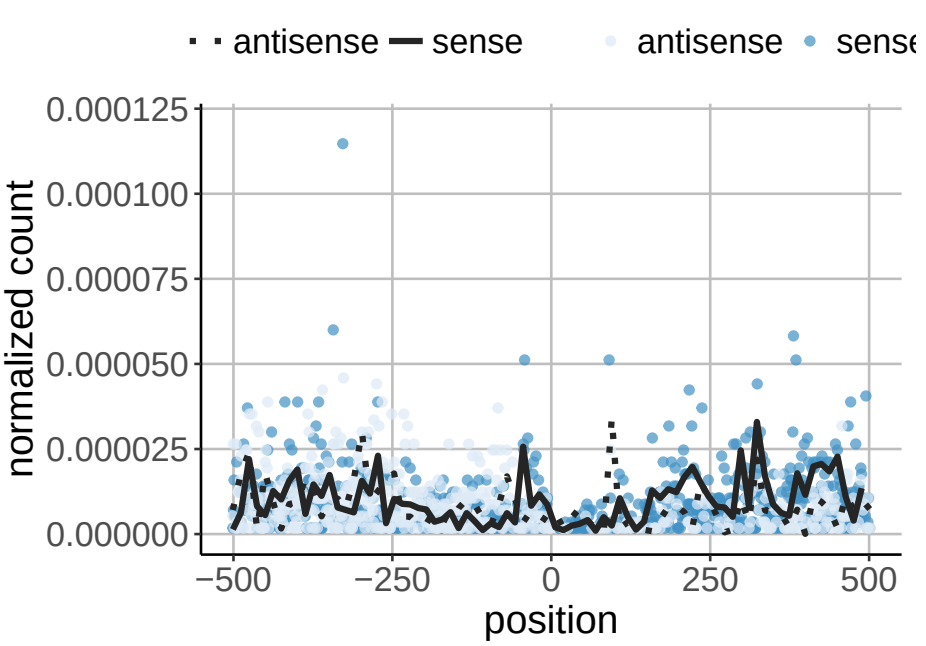
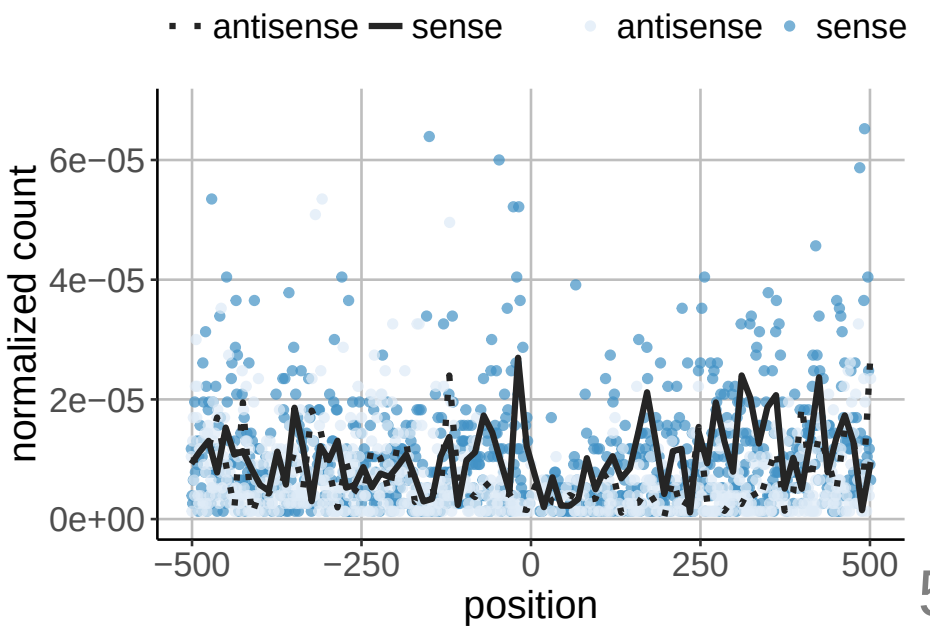
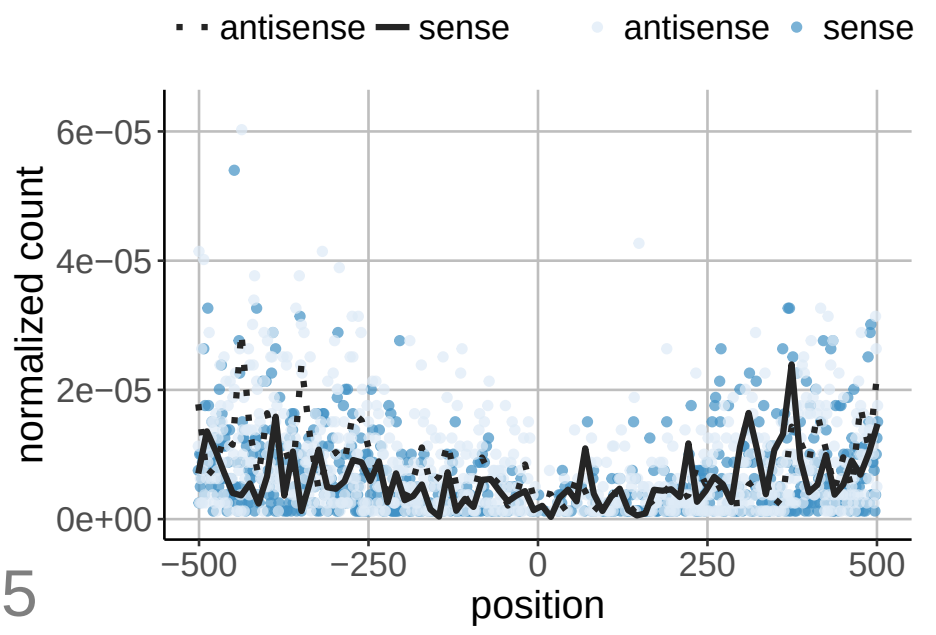


ELAVL4−UUUUAUUUUG



QKI−ACUAACANNACUAACA



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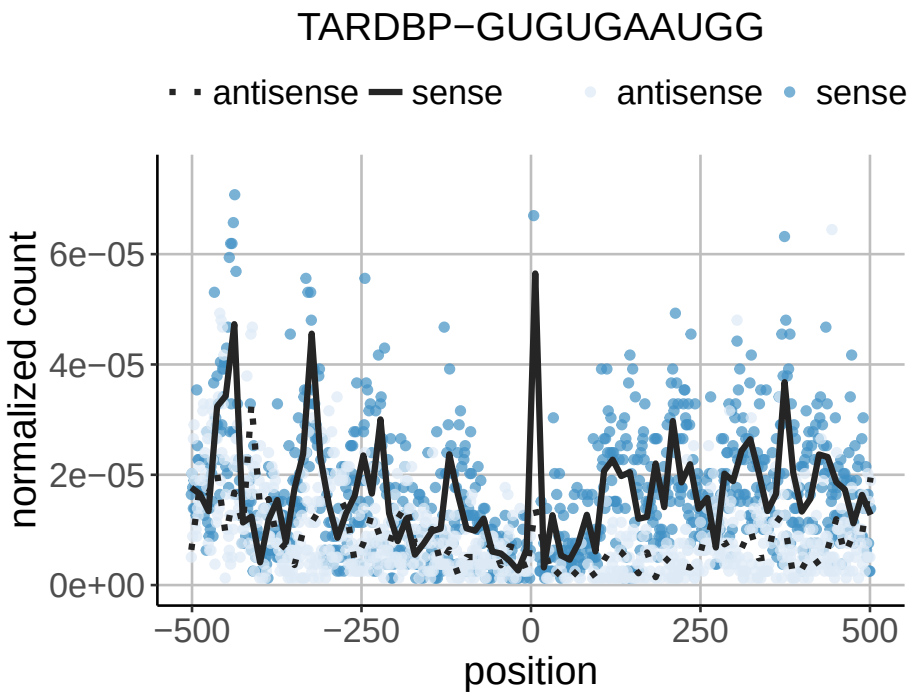
TARDBP−GUGUGAAUGG
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antisense sense
normalized count
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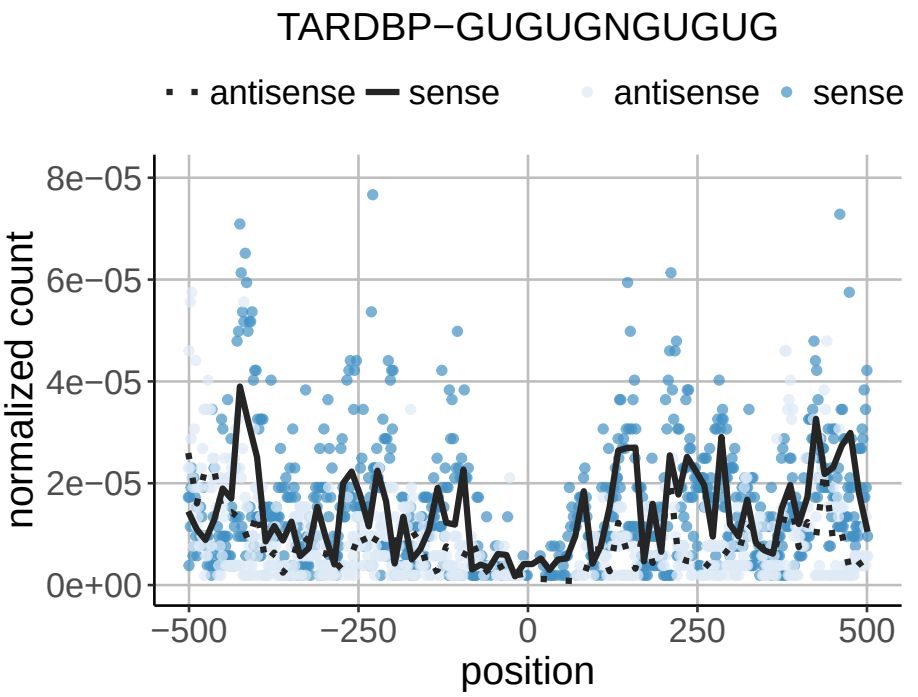
4e−05
2e−05
0e+00
−500
−250
0
250
500
position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antisense sense
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normalized count
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2e−05
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0
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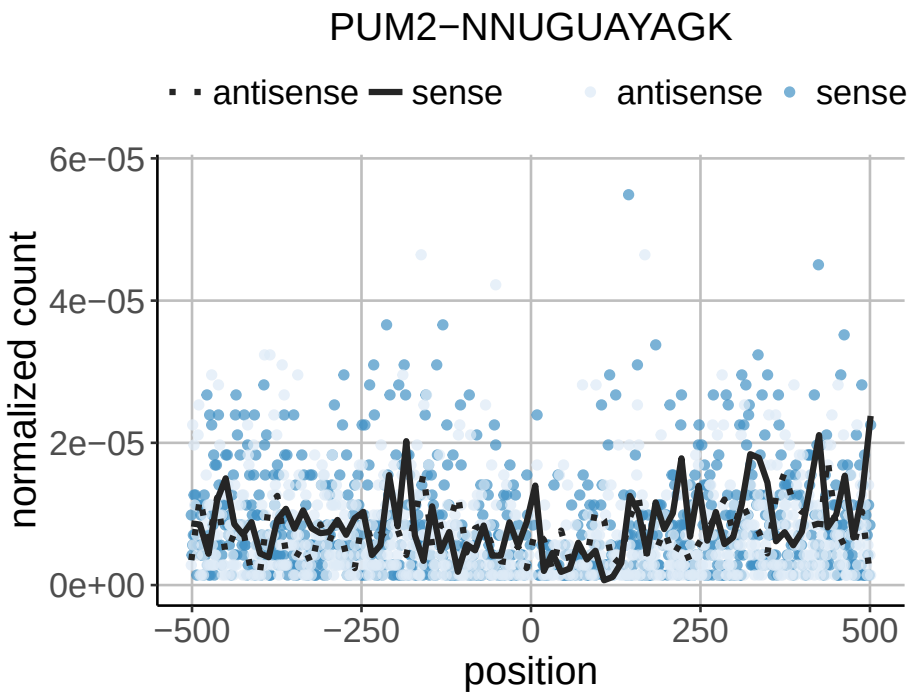
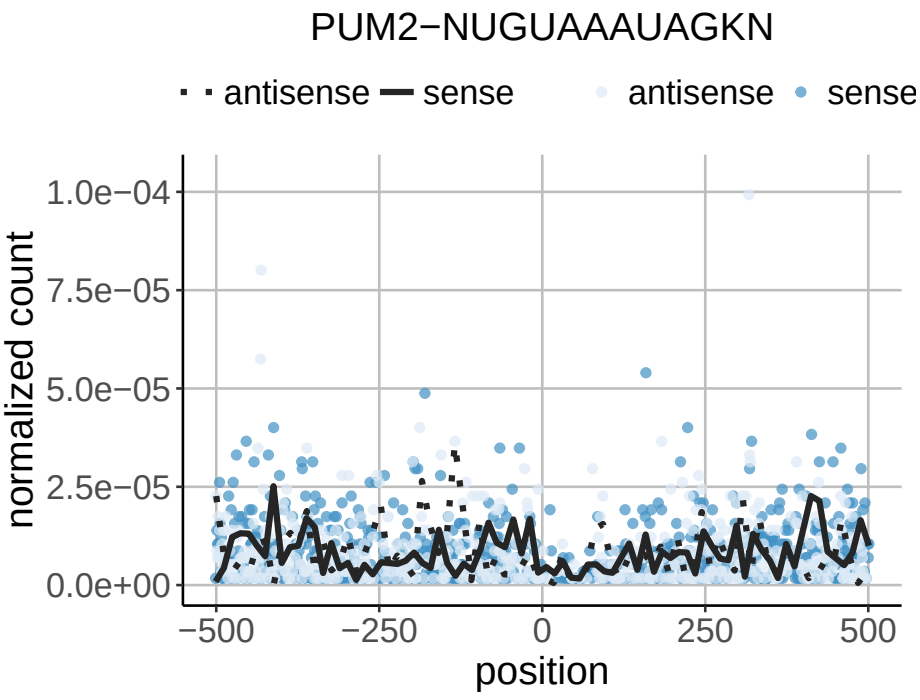
position


PUM2−NNUGUAYAGK
antisense sense
antisense sense
normalized count
6e−05
4e−05
2e−05
0e+00
−500
−250
0
250
500
position


PUM2−NUGUAAAUAGKN
antisense sense
antisense sense
normalized count
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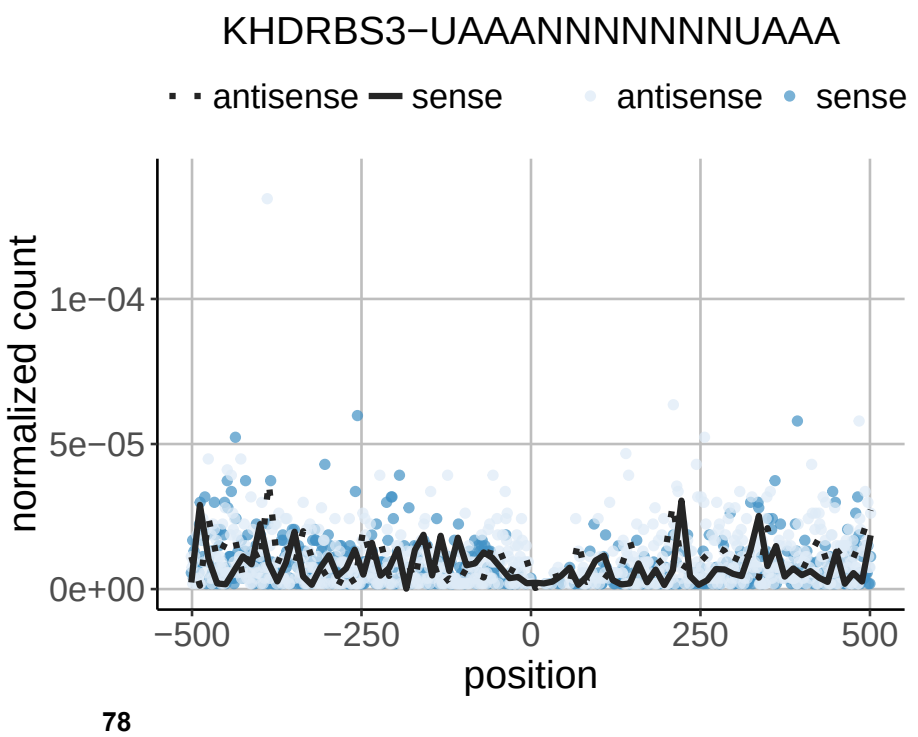
5.0e−05
2.5e−05
0.0e+00
−500
−250
0
250
500
position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normalized count
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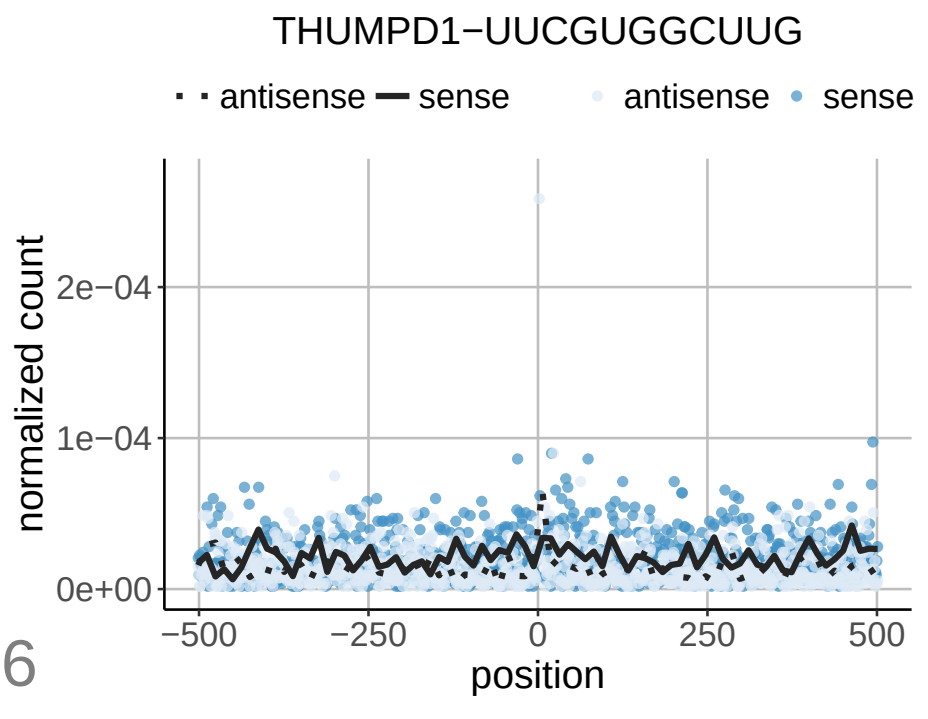
500
position


THUMPD1−UUCGUGGCUUG
antisense sense
antisense sense
normalized count
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1e−04
0e+00
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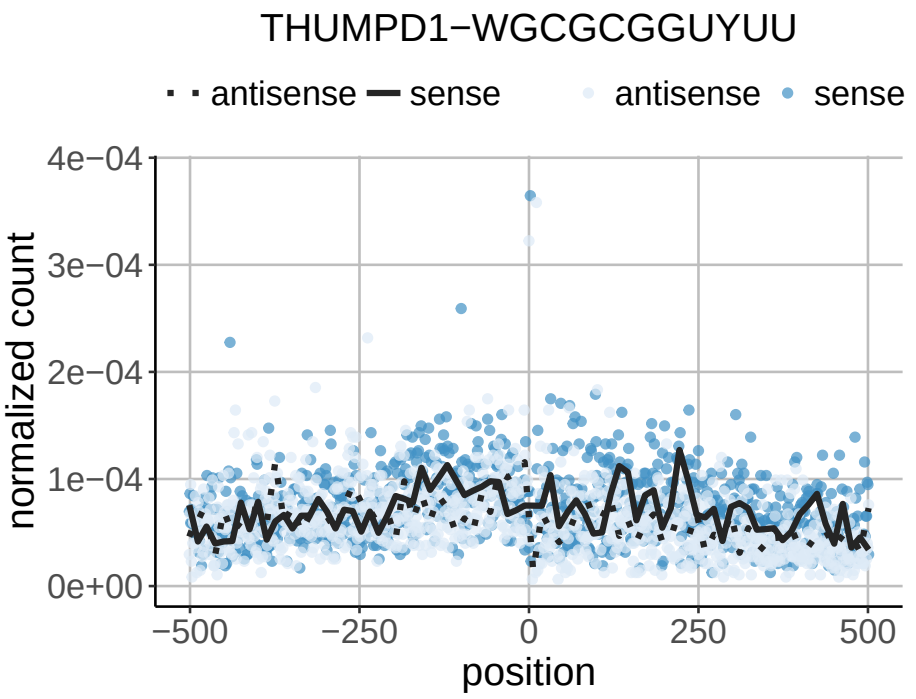
−250
0
250
500
position

STARTcodon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sense
antisense
sense
normalized count
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1e−04
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0
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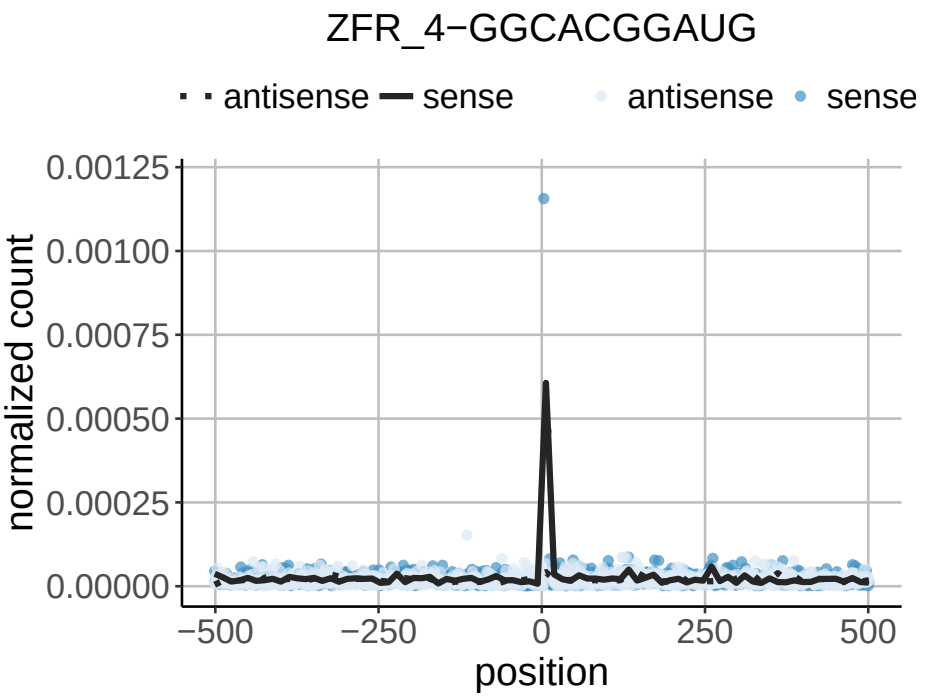
500
position


ZFR_4−GGCACGGAUG
antisense
sense
antisense
sense
normalized count
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0.00050
0.00025
0.00000
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0
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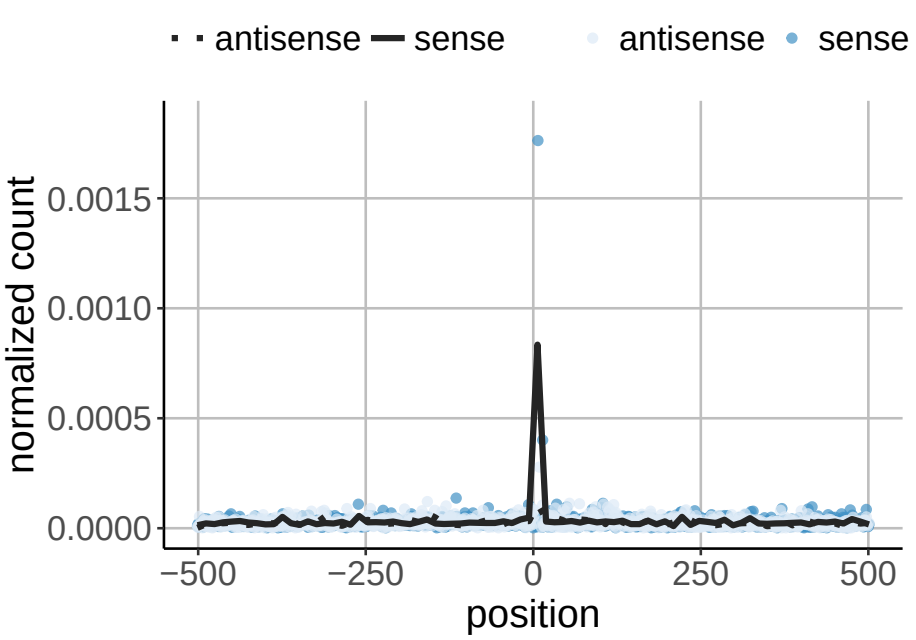
500
position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sense
antisense
sense
normalized count
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0.0005
0.0000
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0
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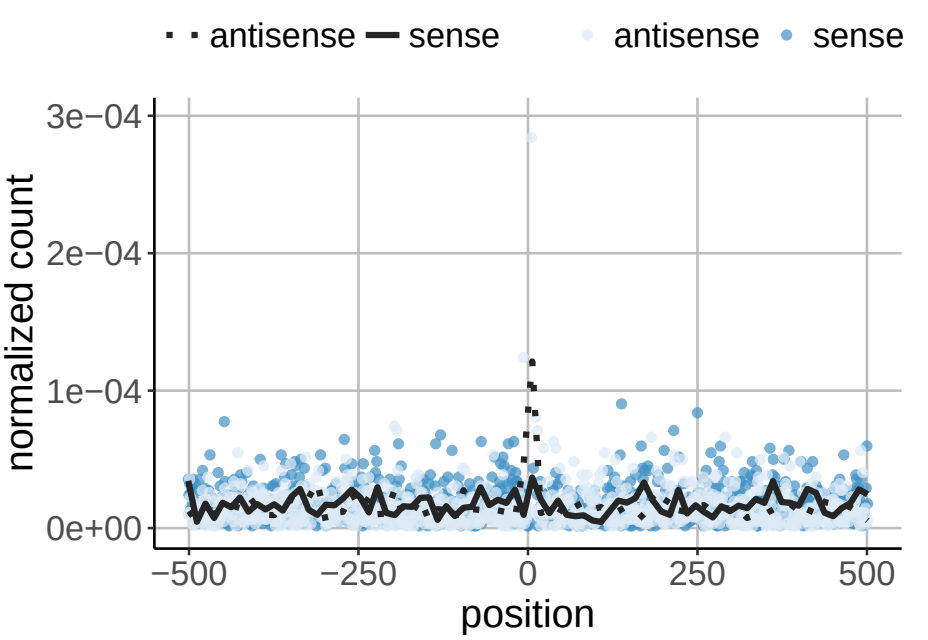
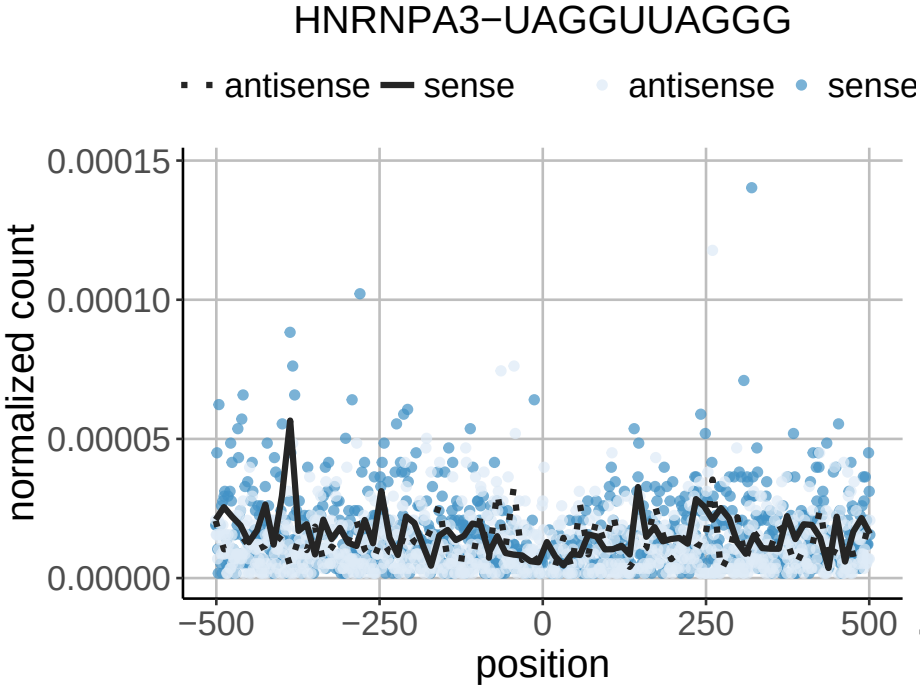
500
position


PCBP1−UCCUUNNCCUU
antisense
sense
antisense
sense
normalized count
3e−04
2e−04
1e−04
0e+00
−500
−250
0
250
500
position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sense
antisense
sense
normalized count
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0
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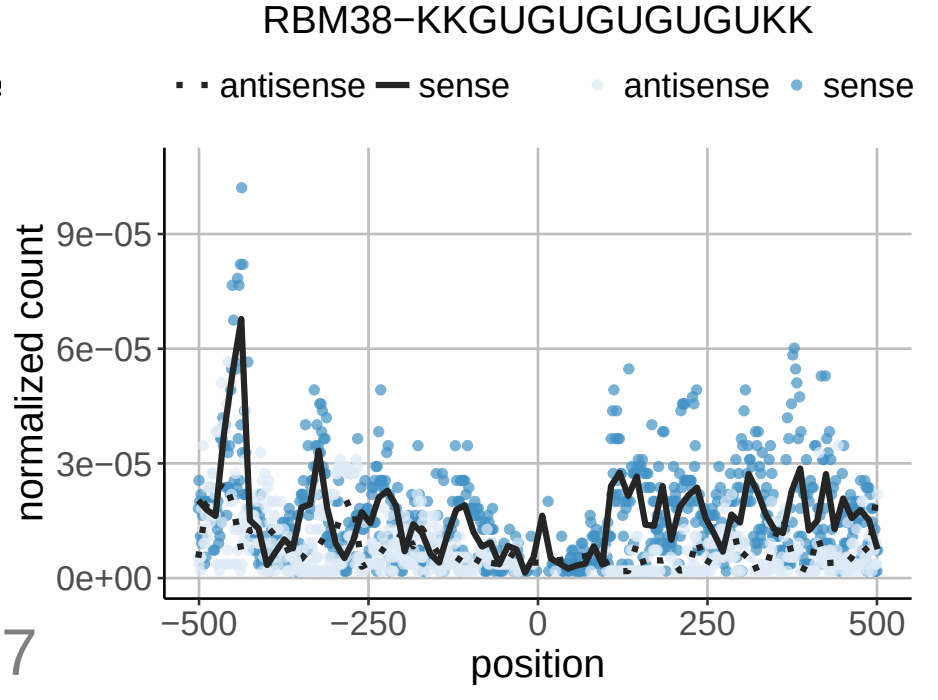
500
position


RBM38−KKGUGUGUGUGUKK
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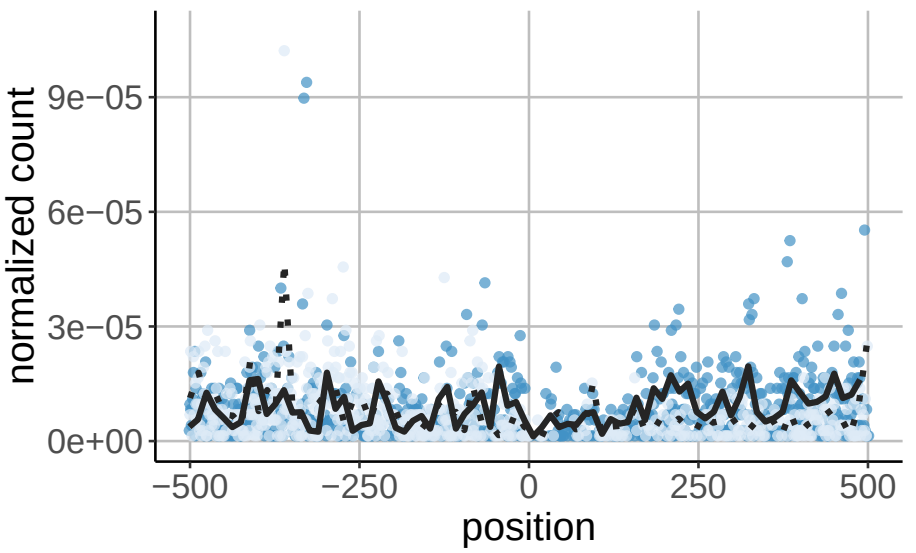
sense
antisense
sense
normalized count
9e−05
6e−05
3e−05
0e+00
−500
−250
0
250
500
position

STARTcodon

MEX3D−UNURUUUAUU



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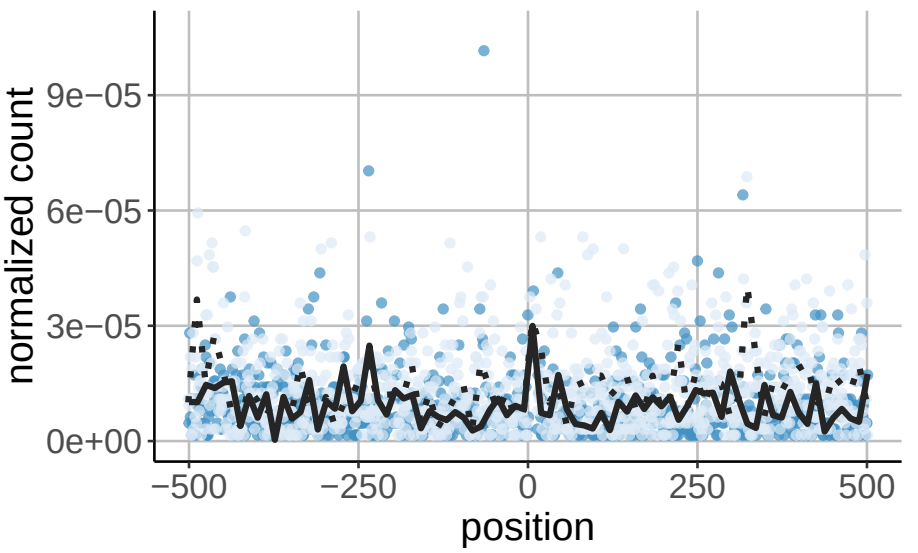

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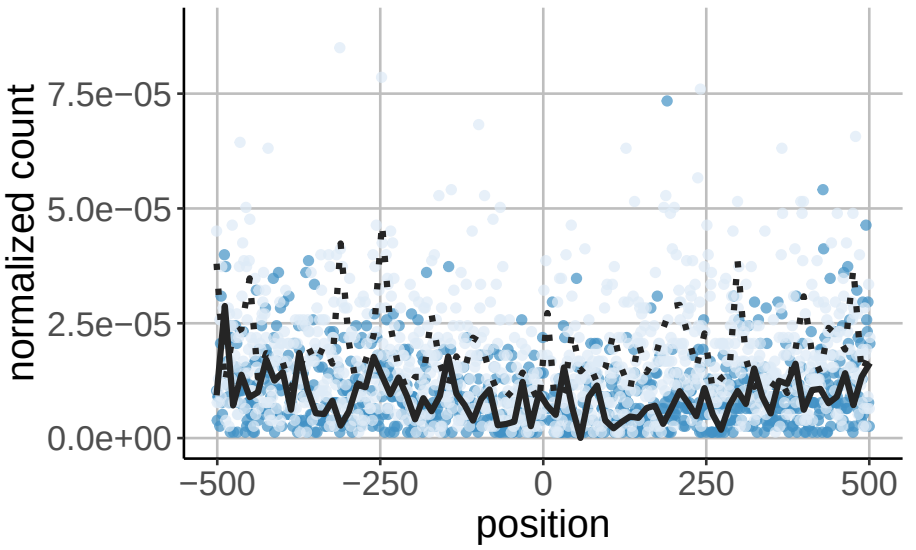

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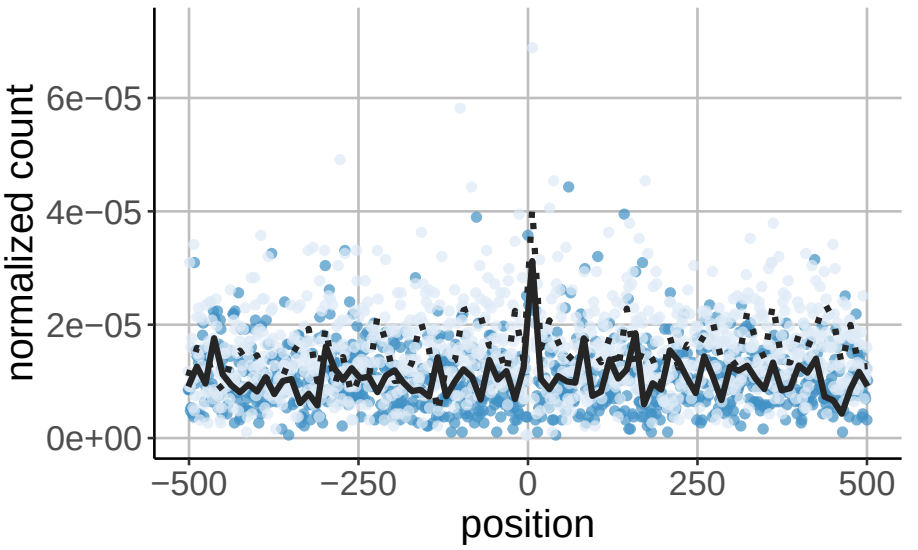
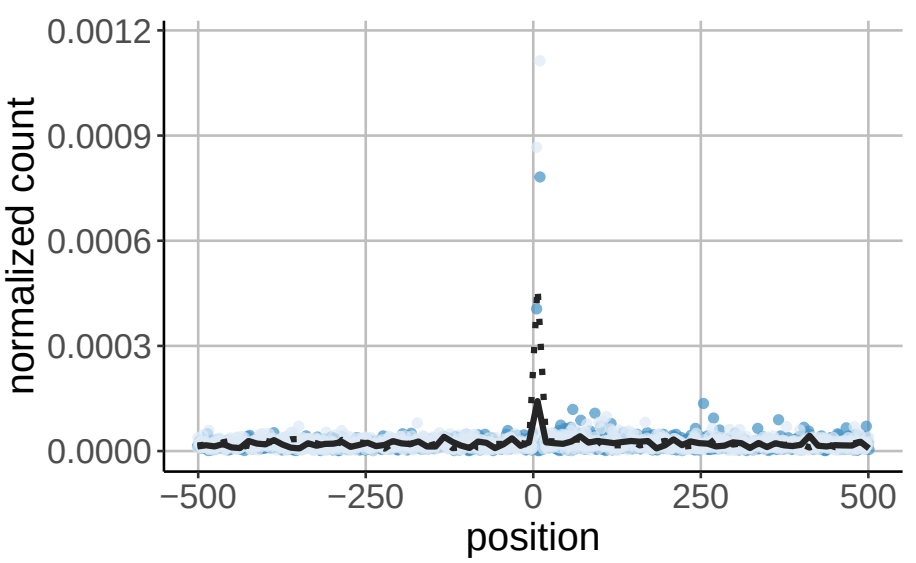


YBX2−GCCAUNNNAUCGC



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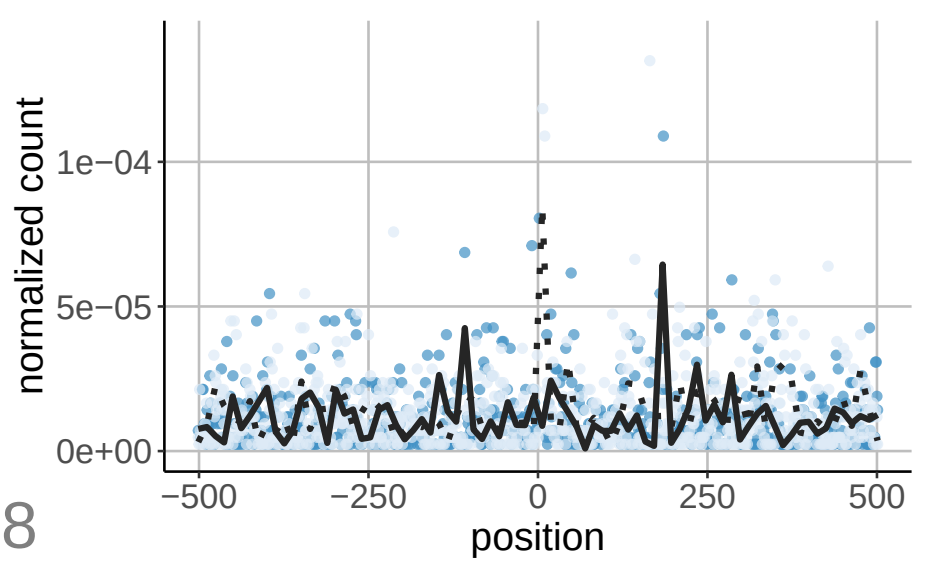

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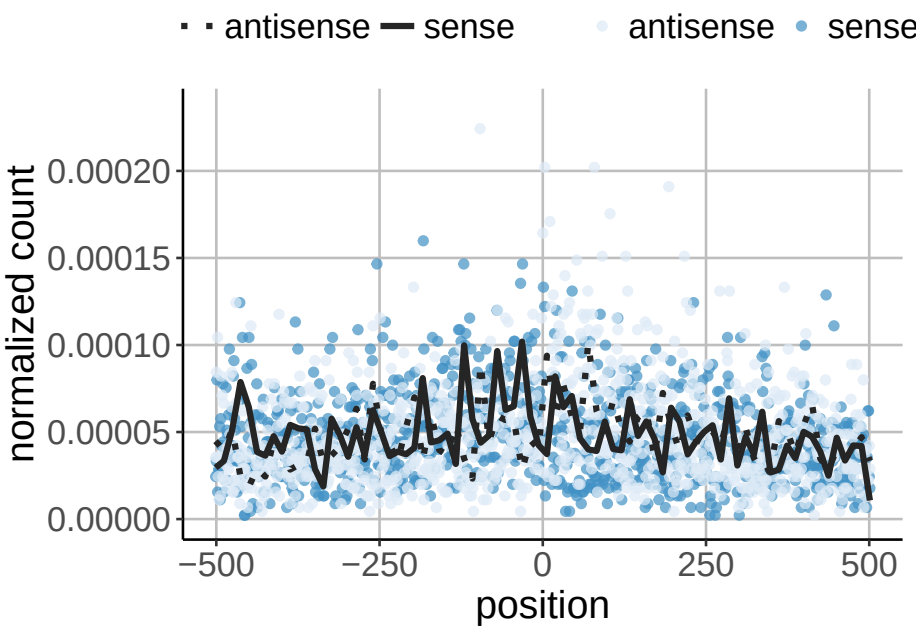

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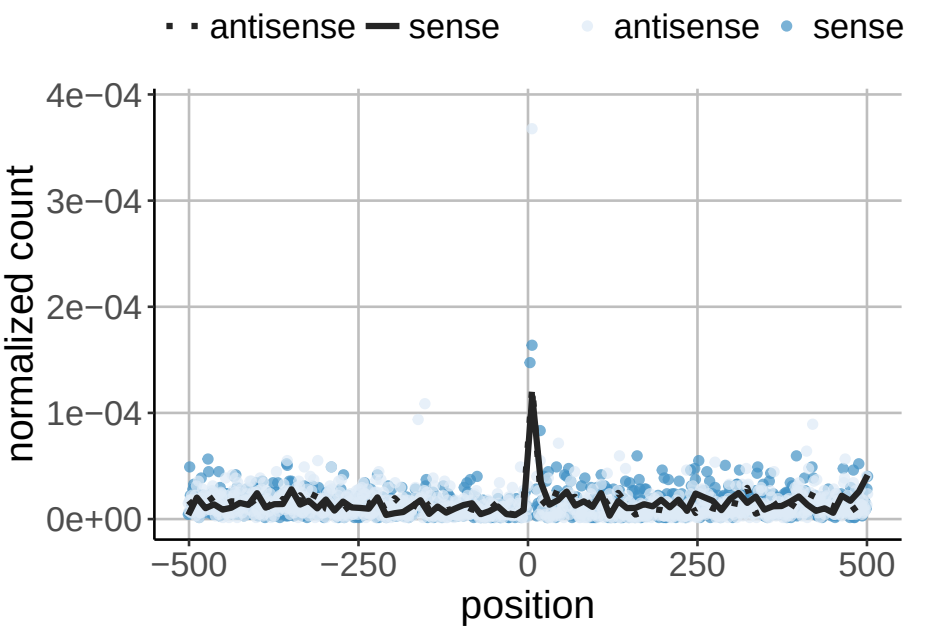

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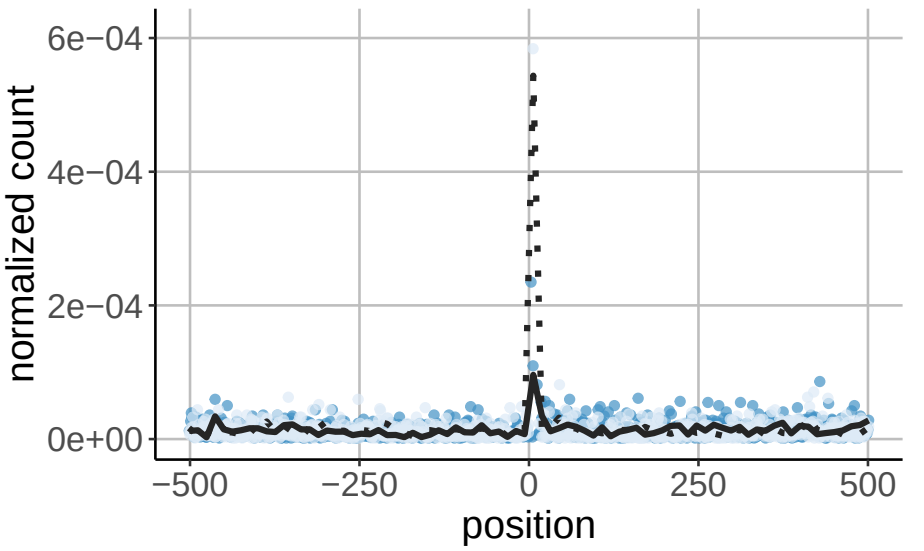

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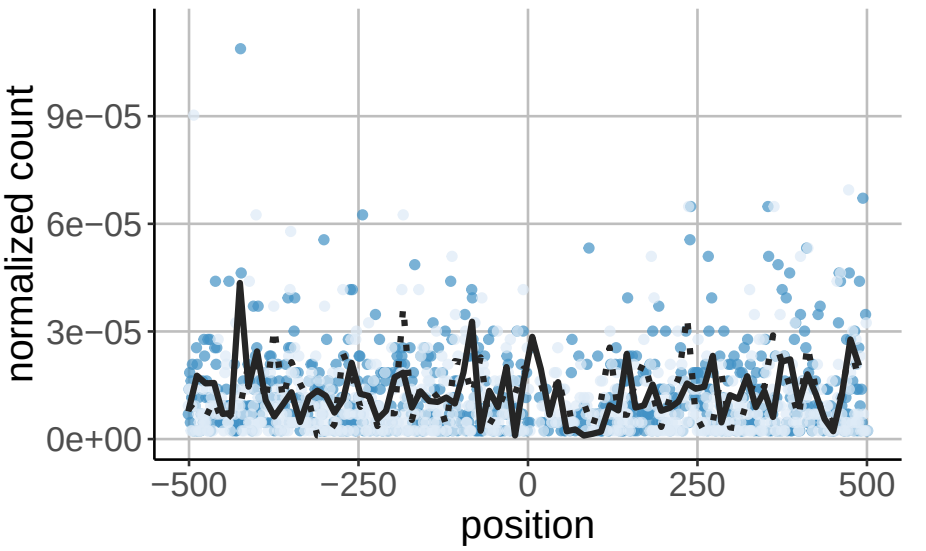

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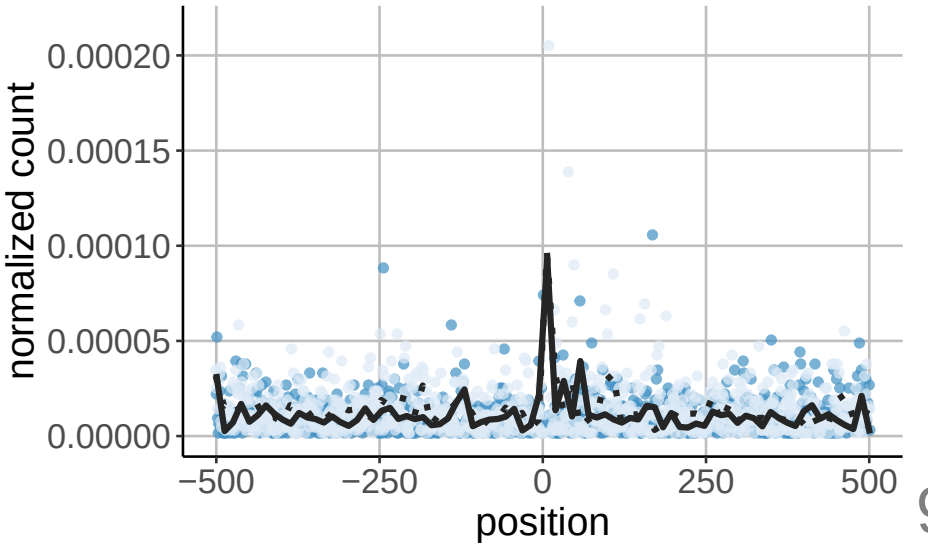

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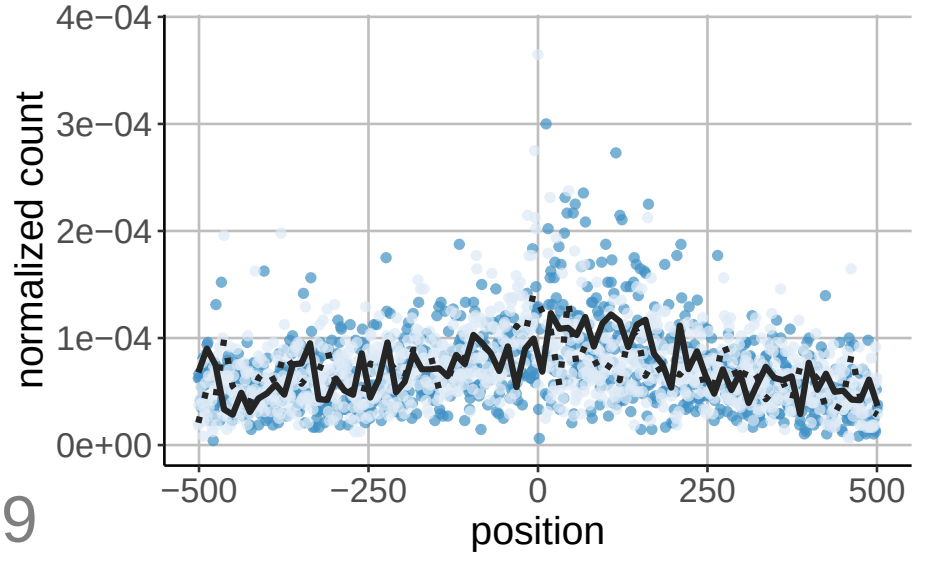

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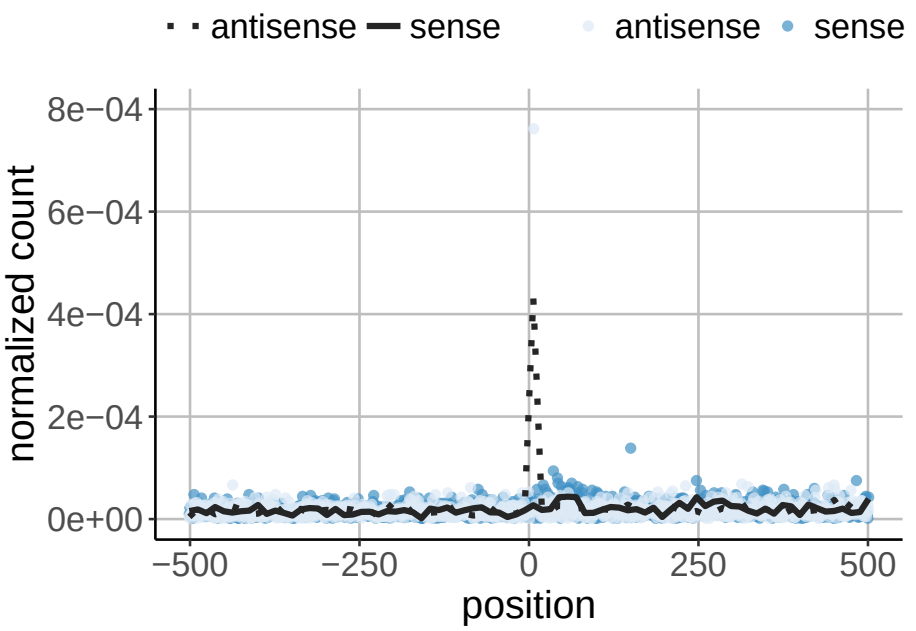

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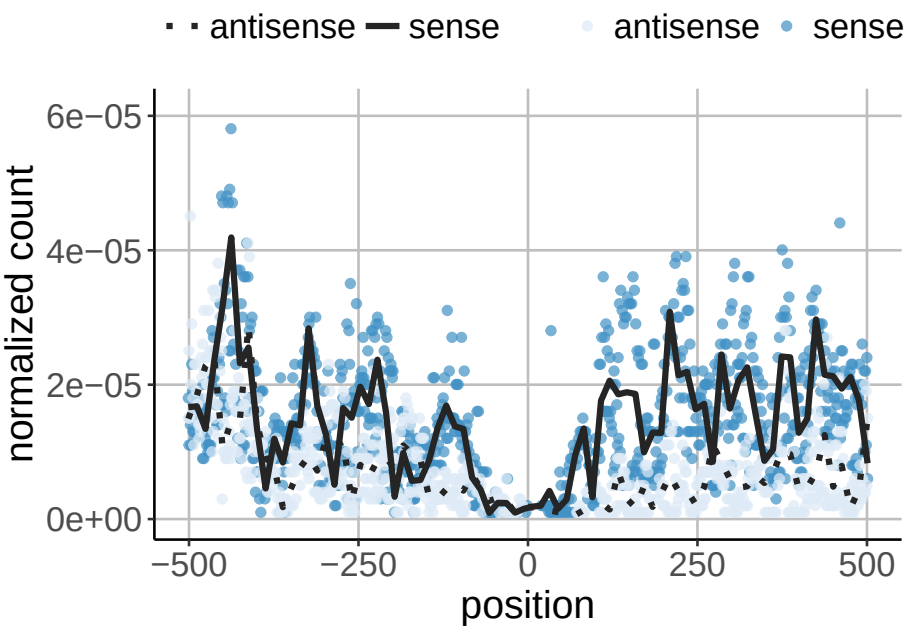
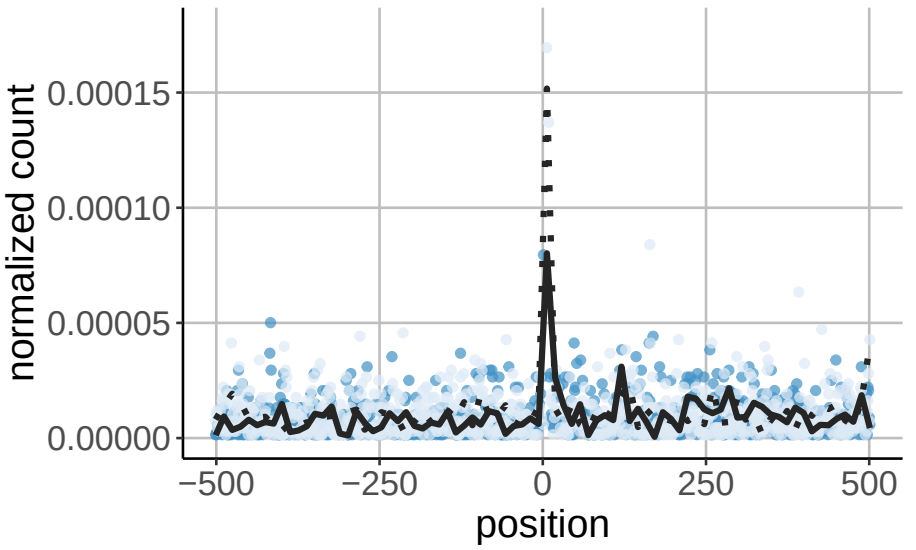


CSDA−UAACAUCA



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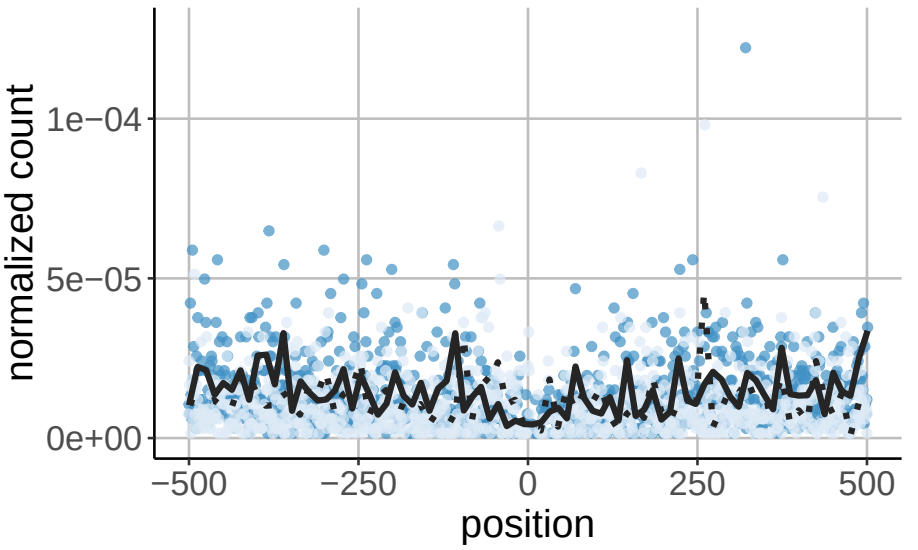

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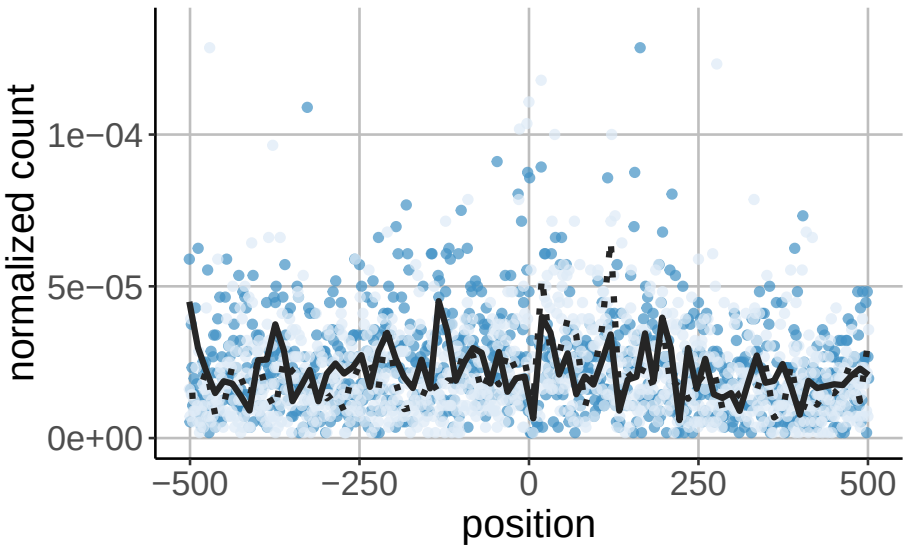

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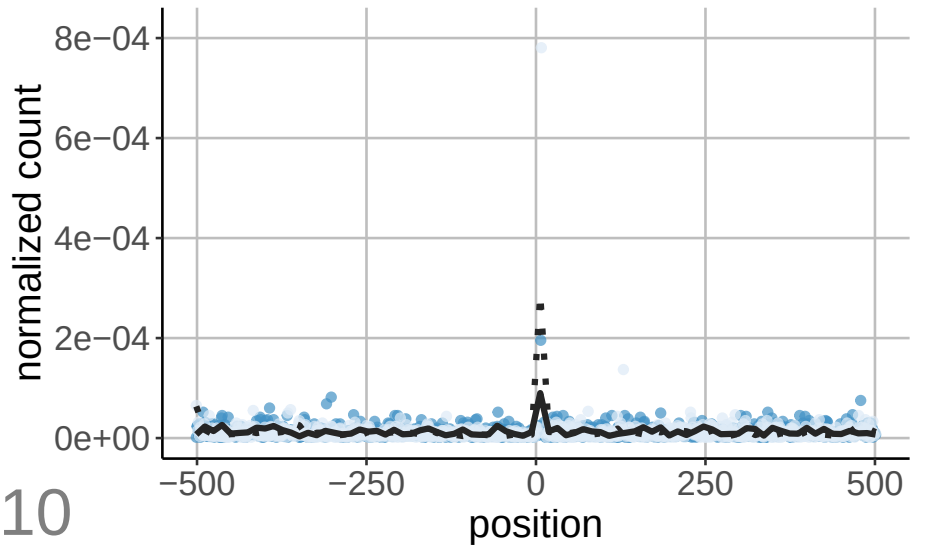

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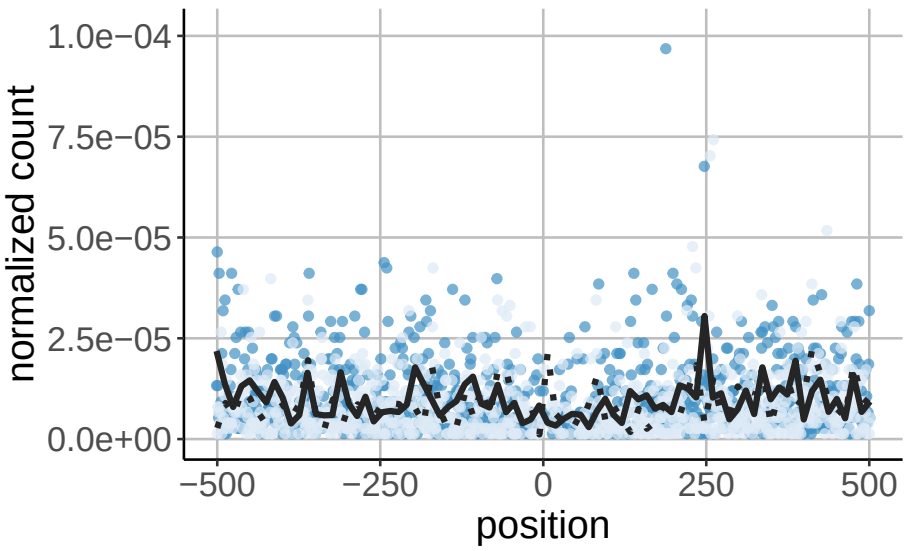

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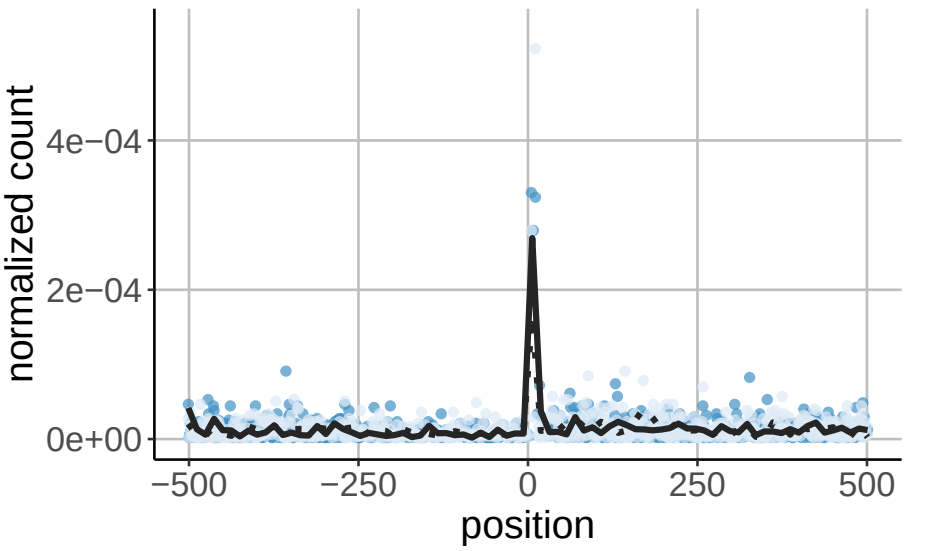

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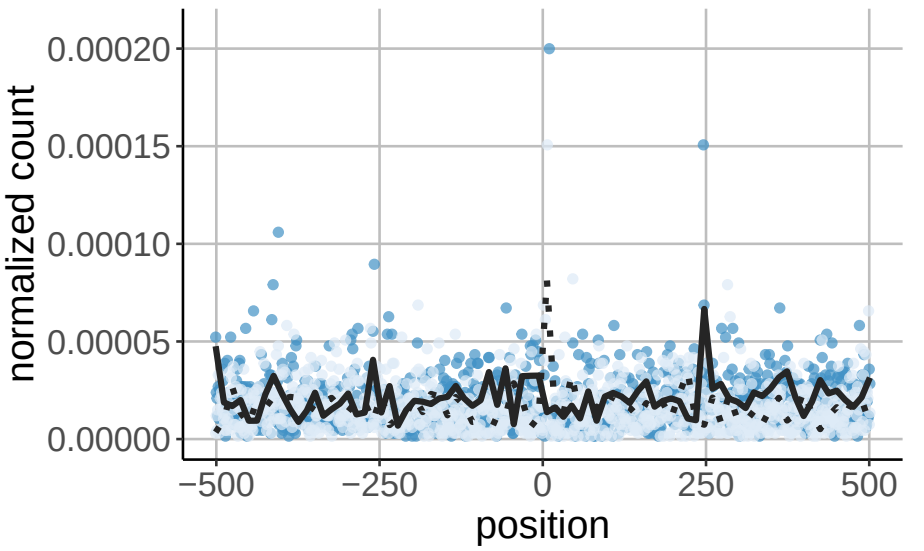

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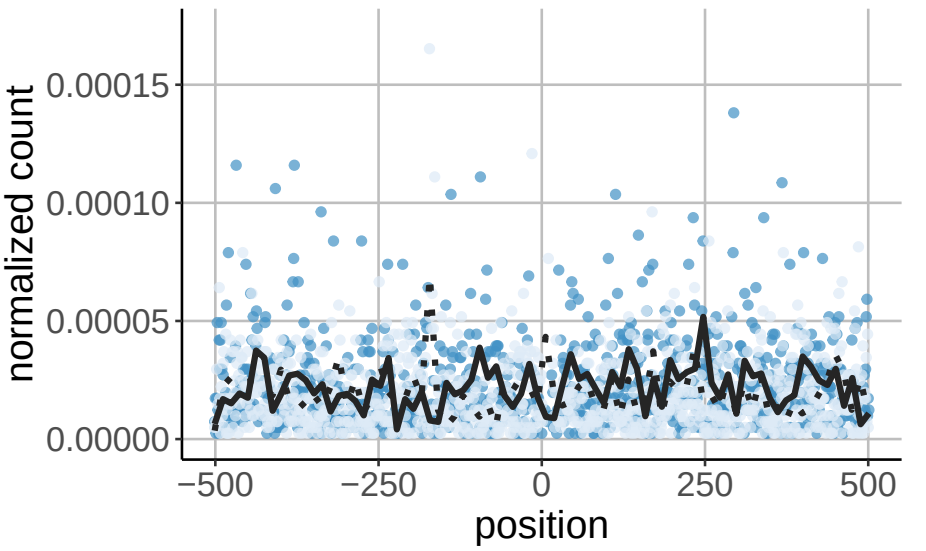

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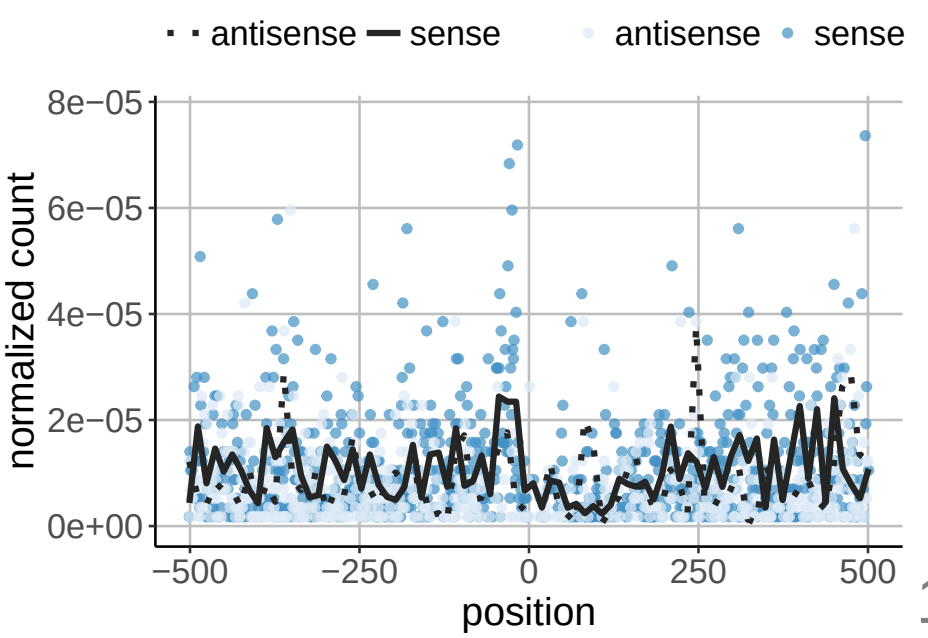

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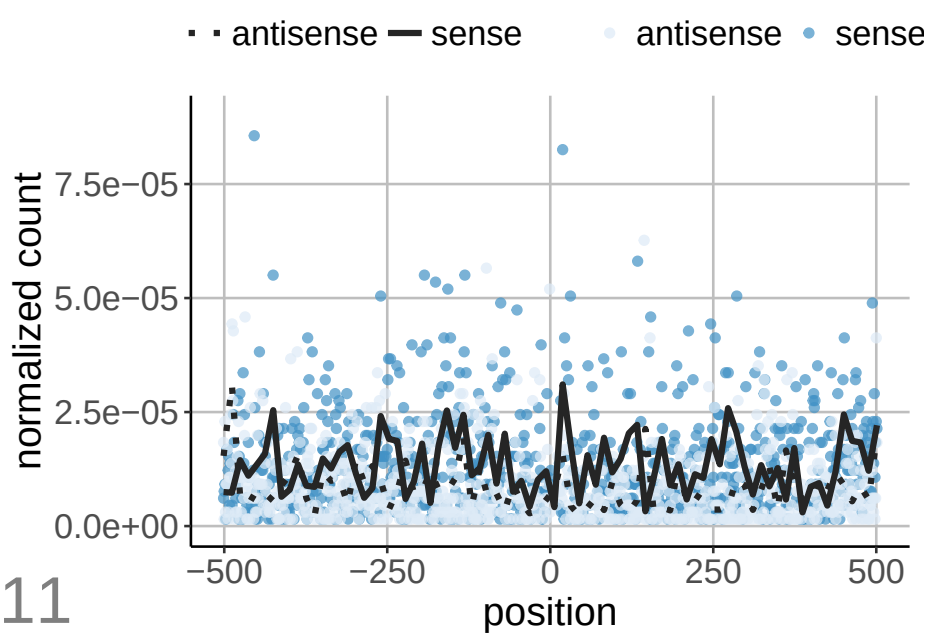

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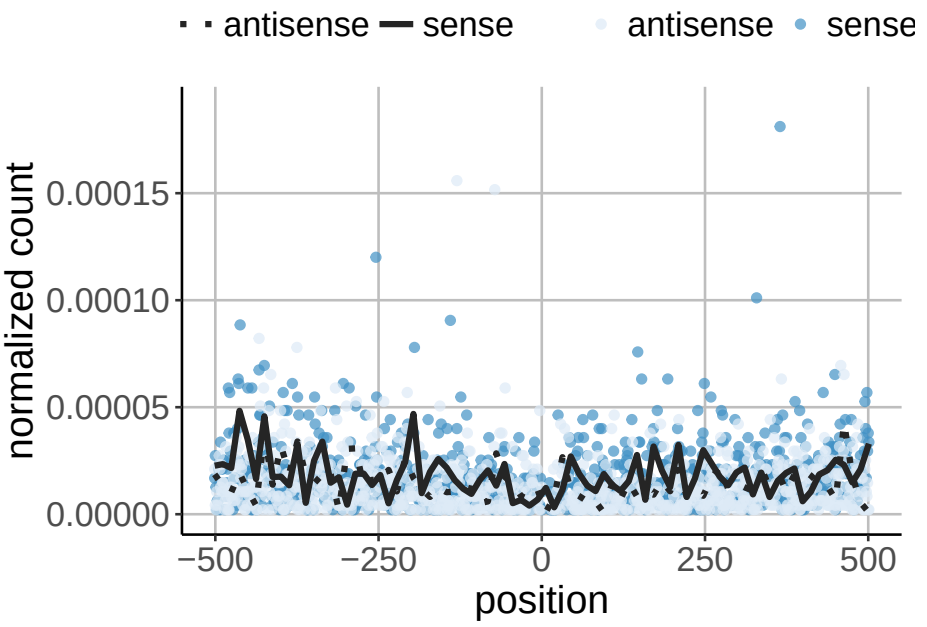

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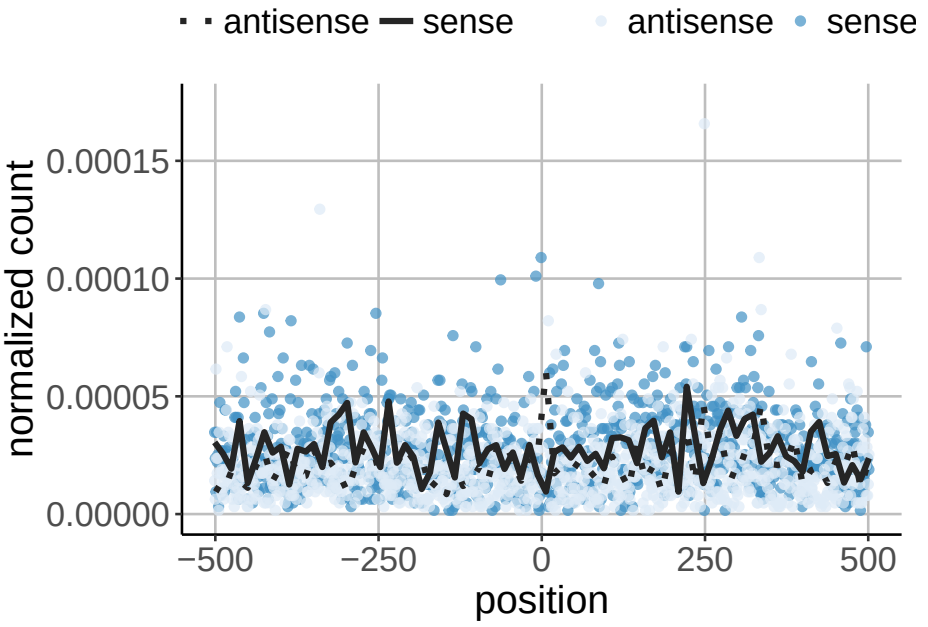

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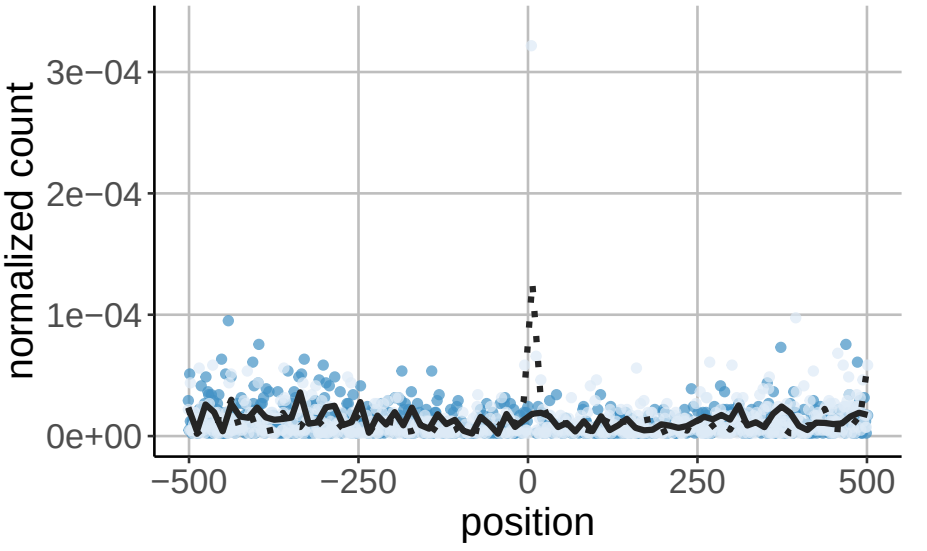

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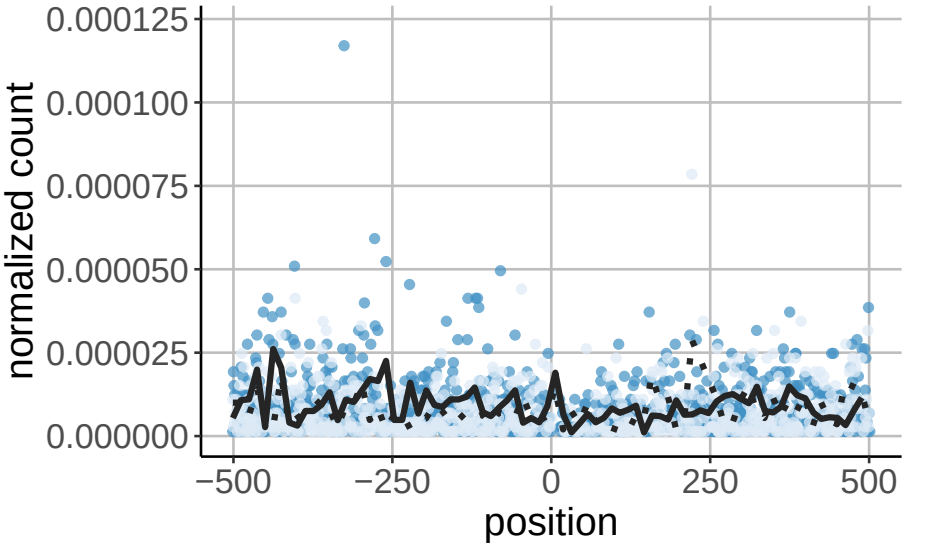

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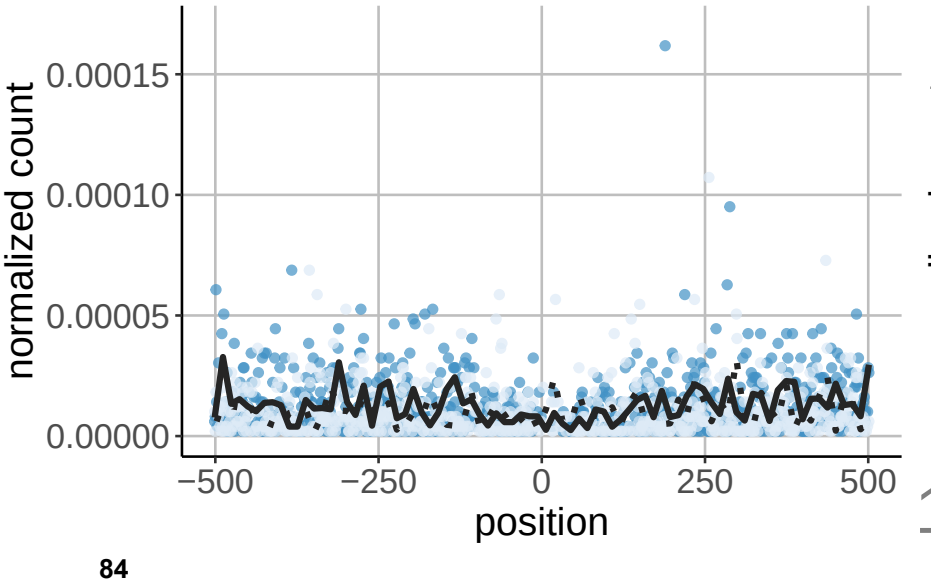

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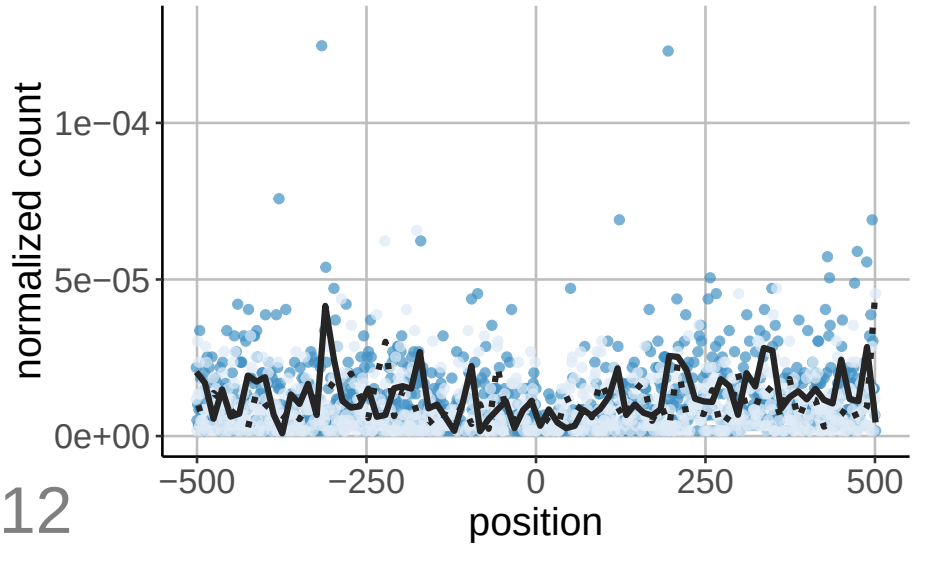

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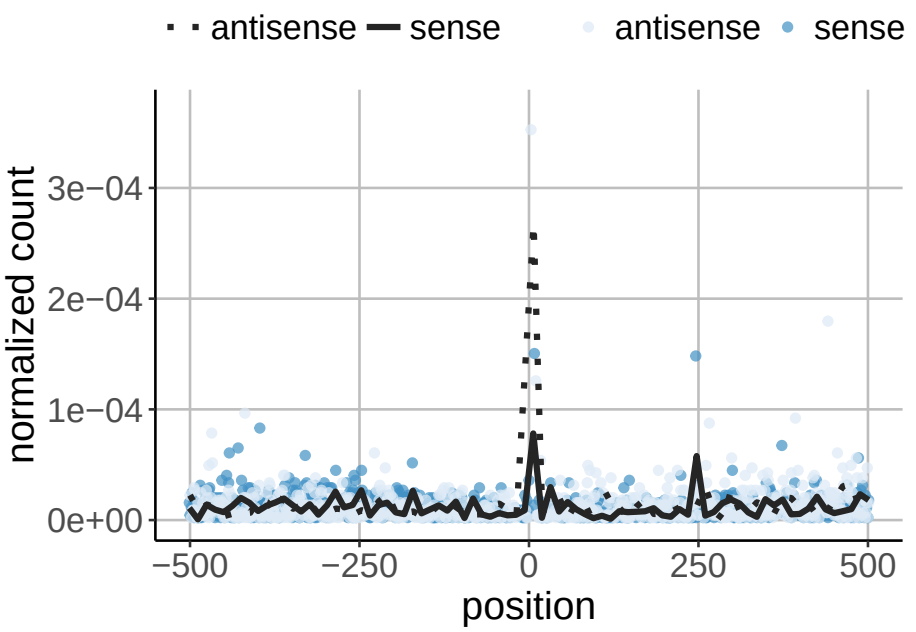

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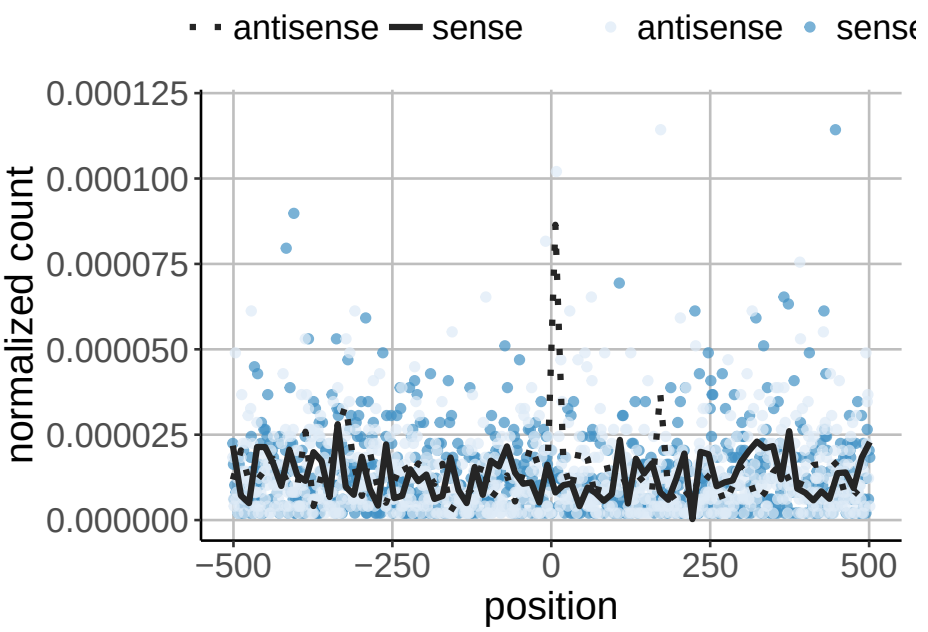

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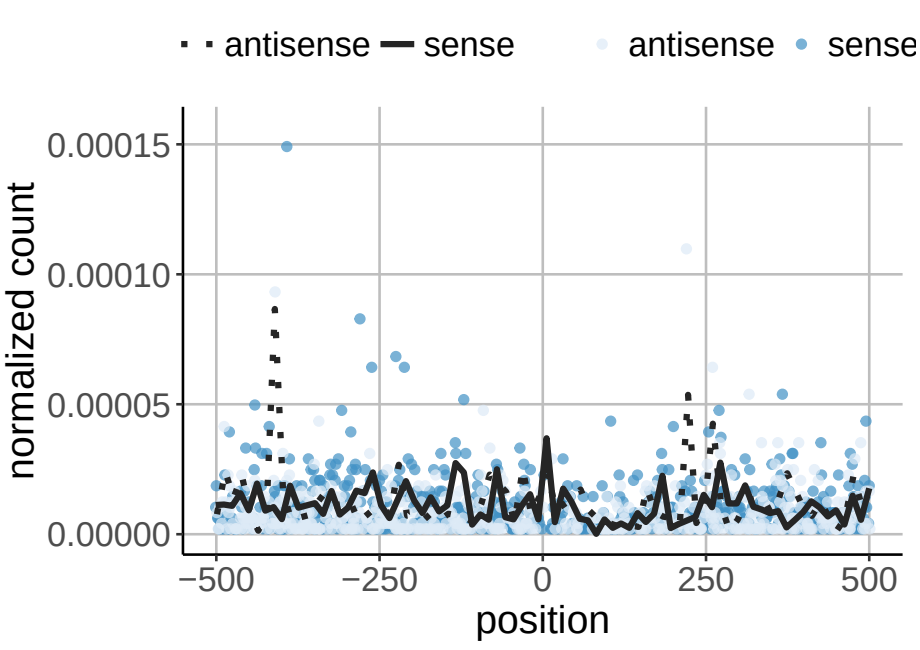

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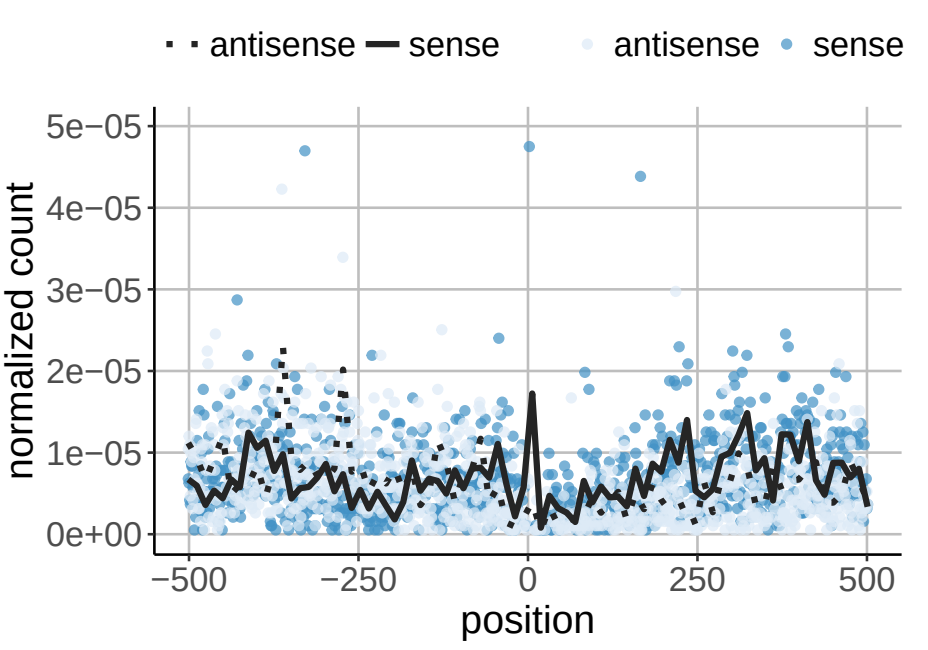

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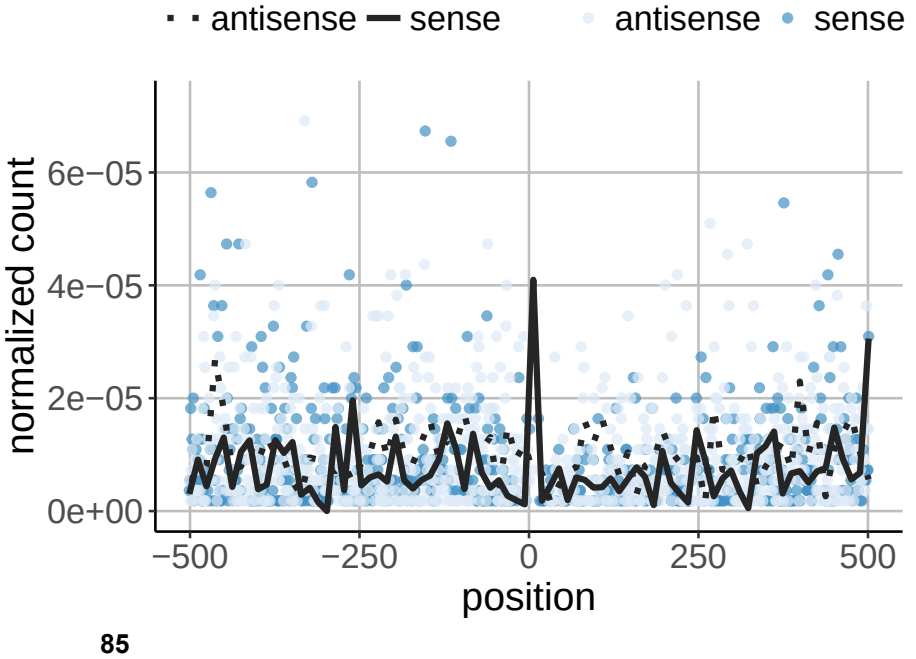

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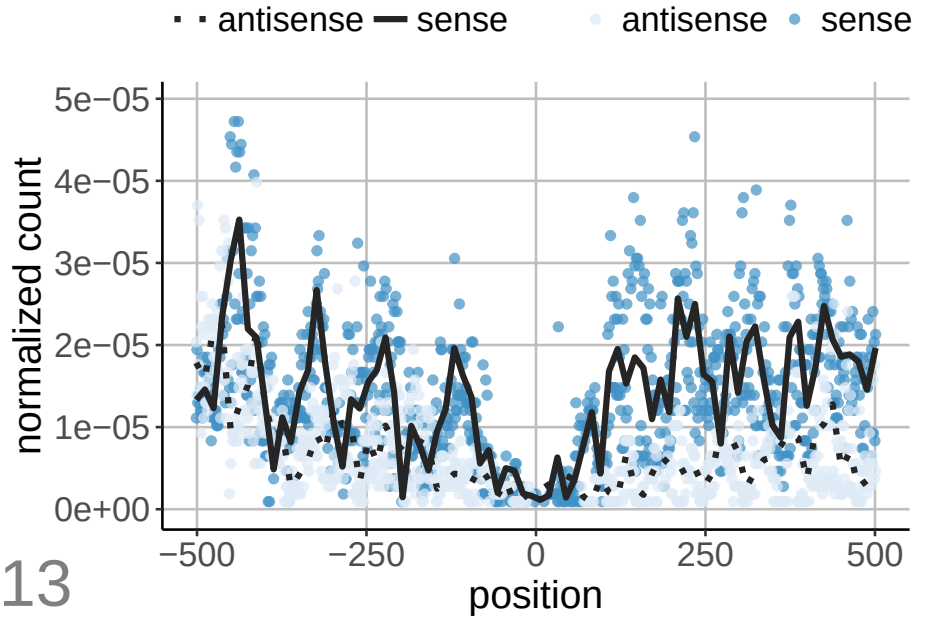

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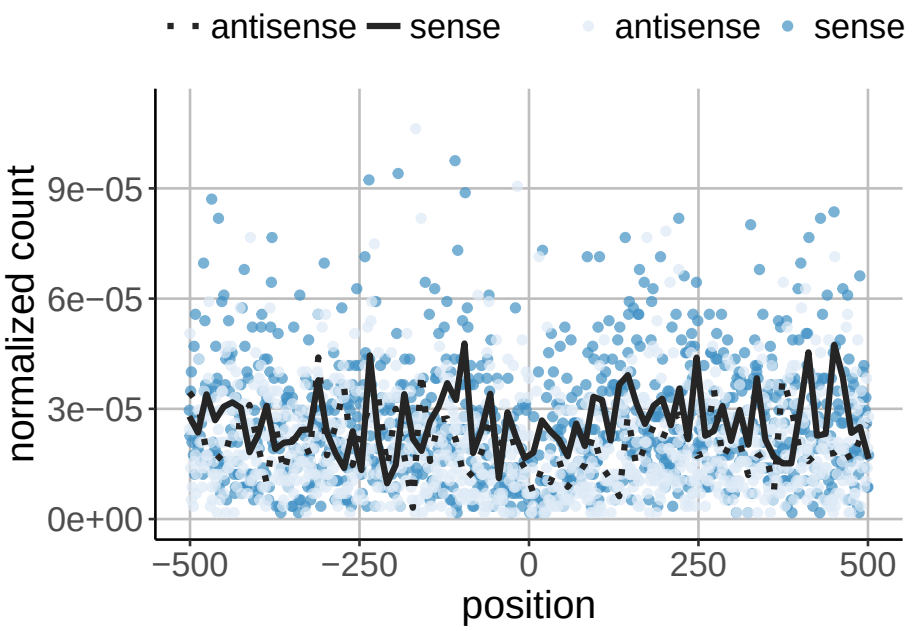

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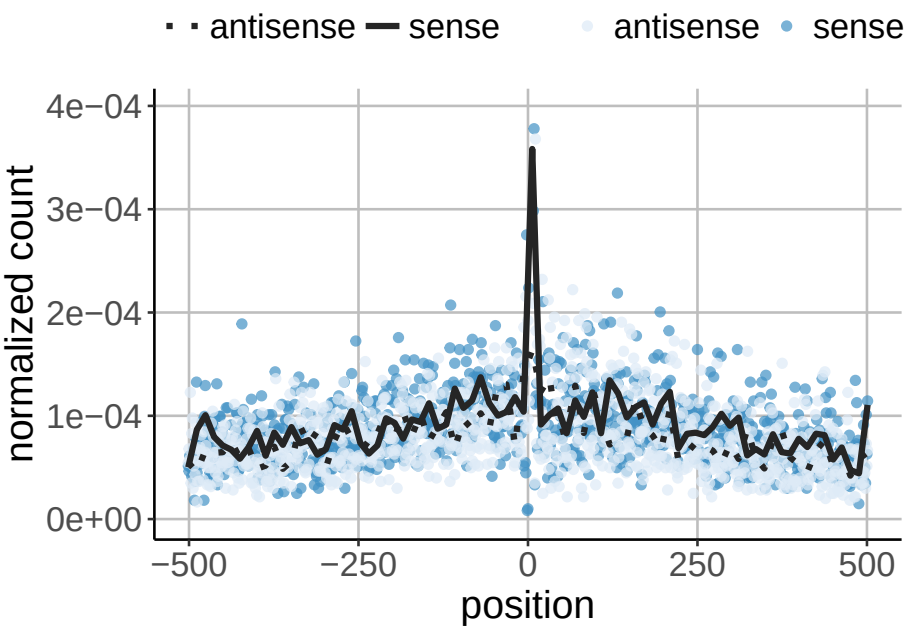

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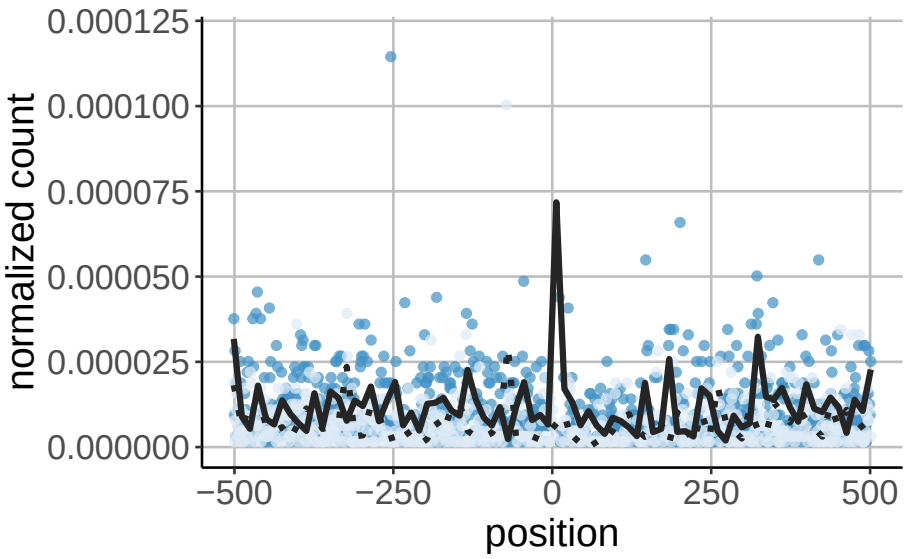

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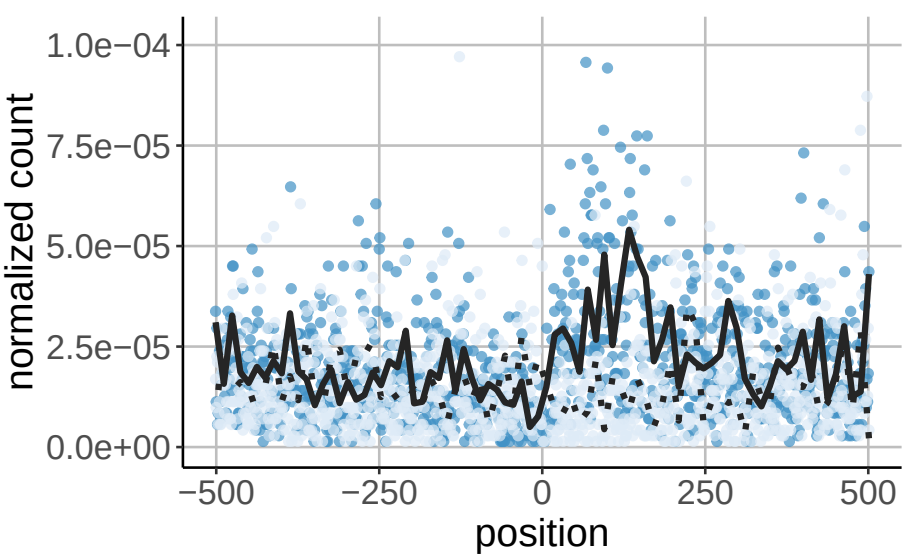

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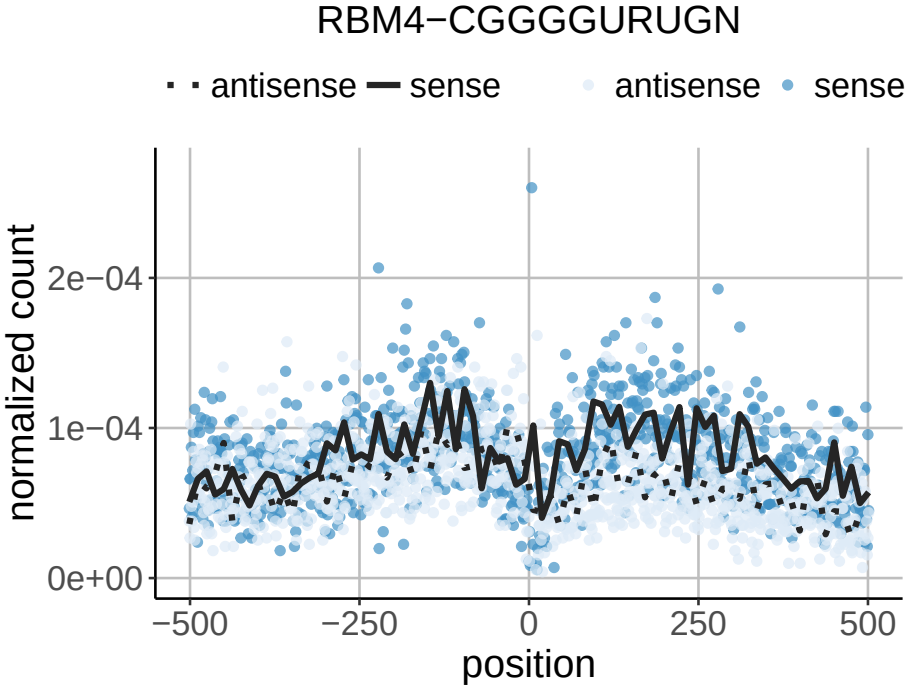

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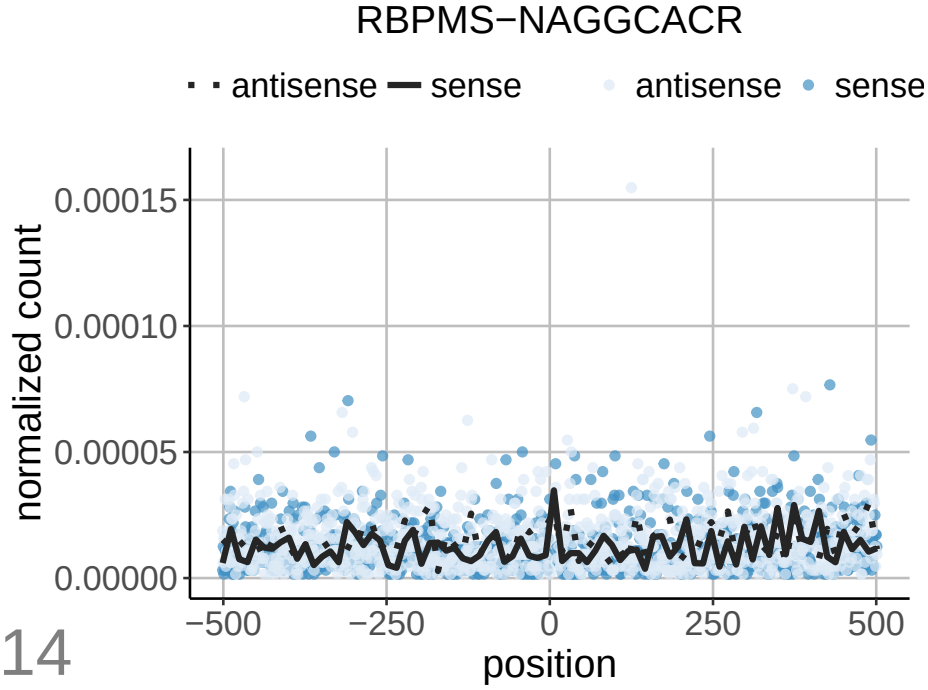

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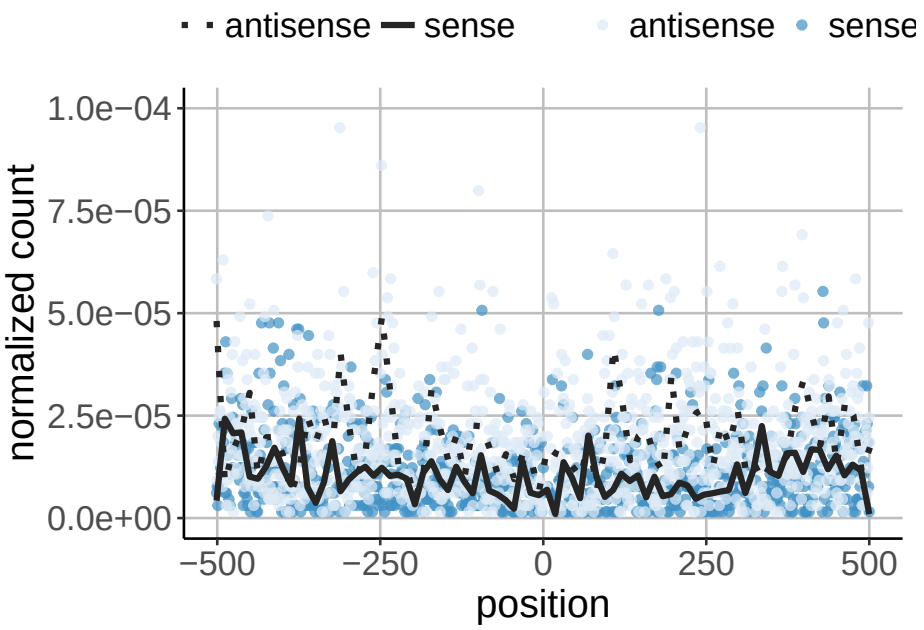

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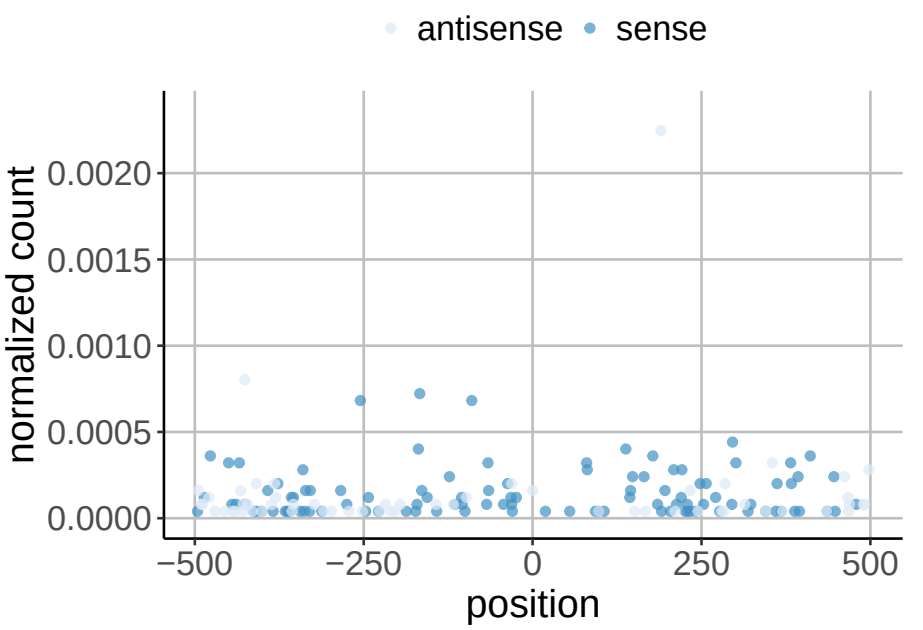

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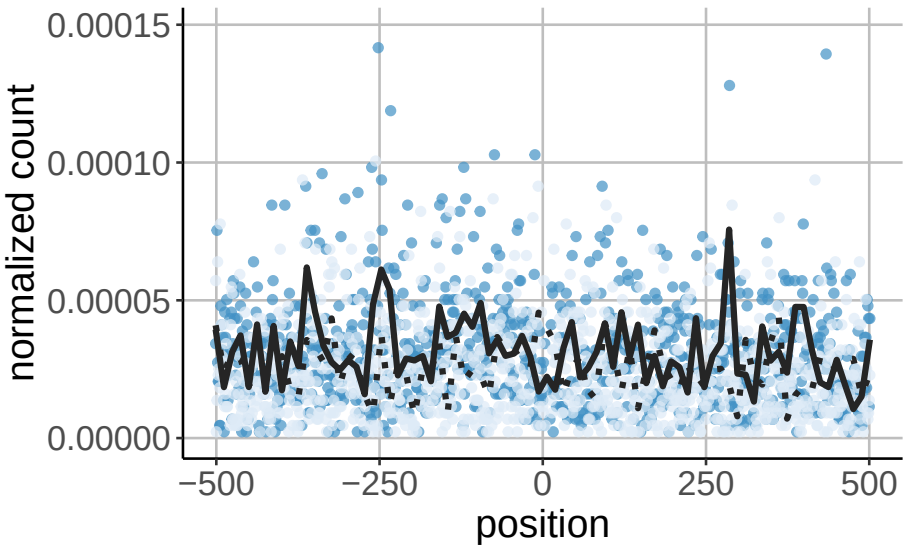

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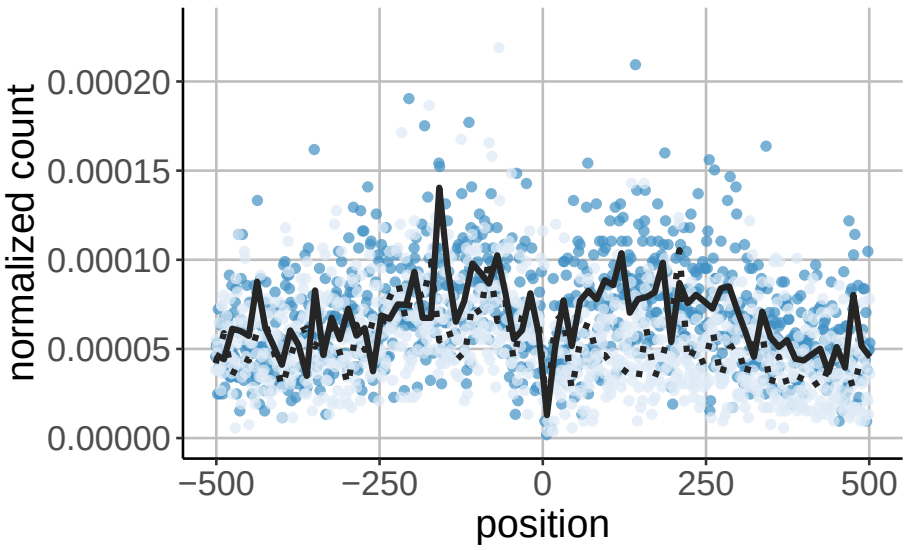

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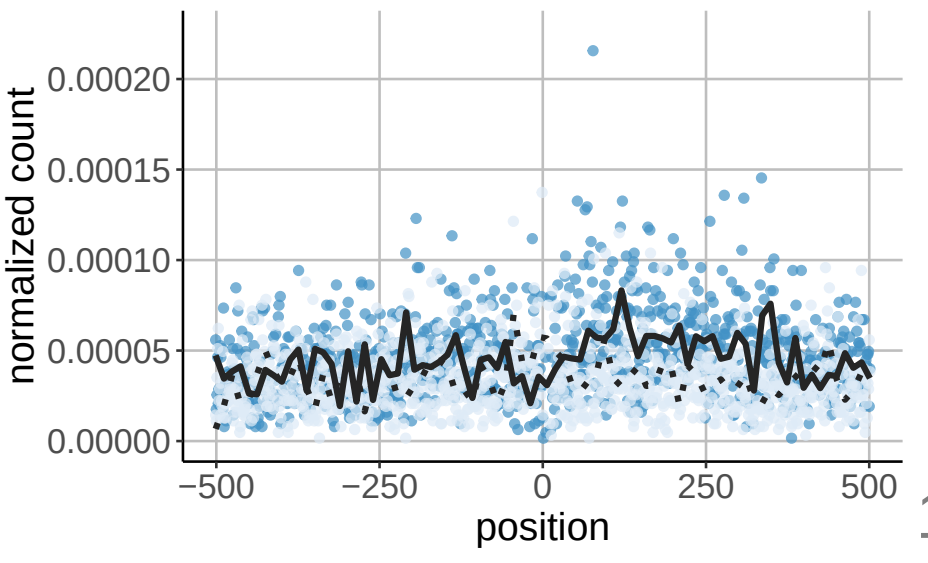

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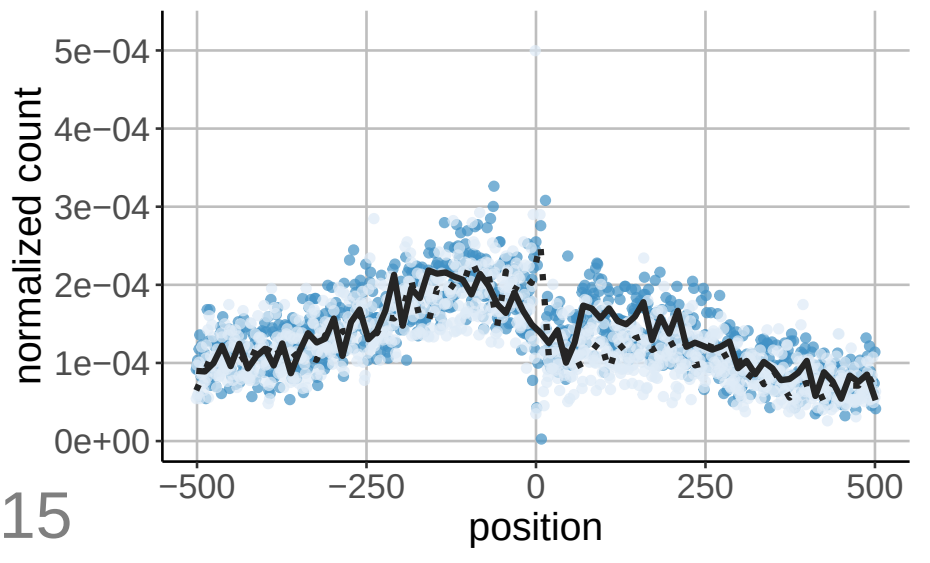

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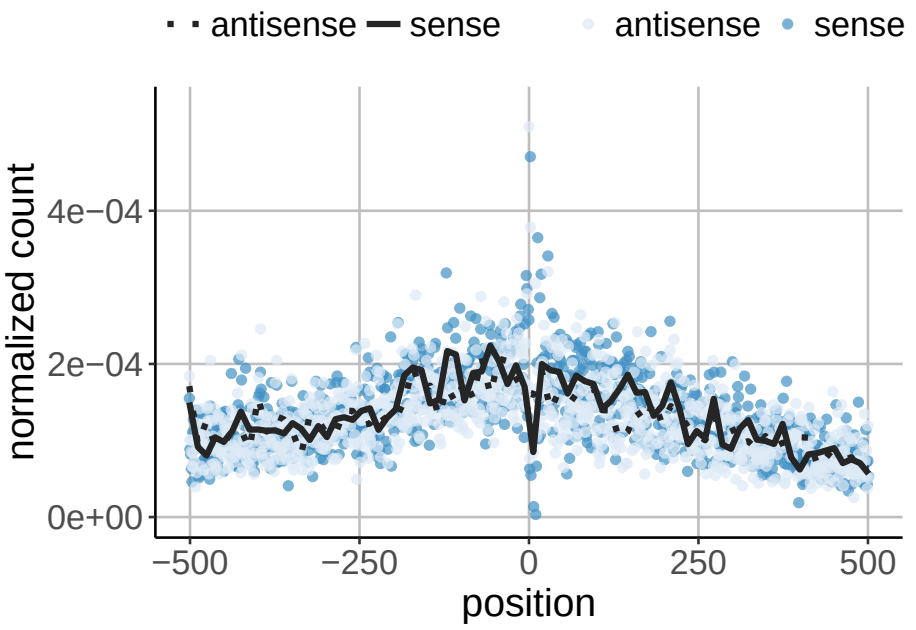

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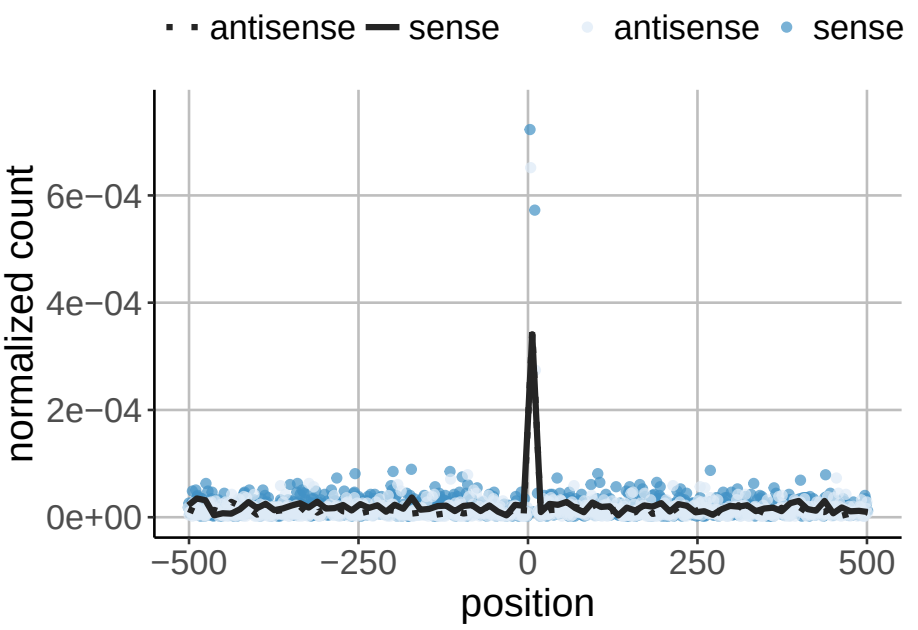

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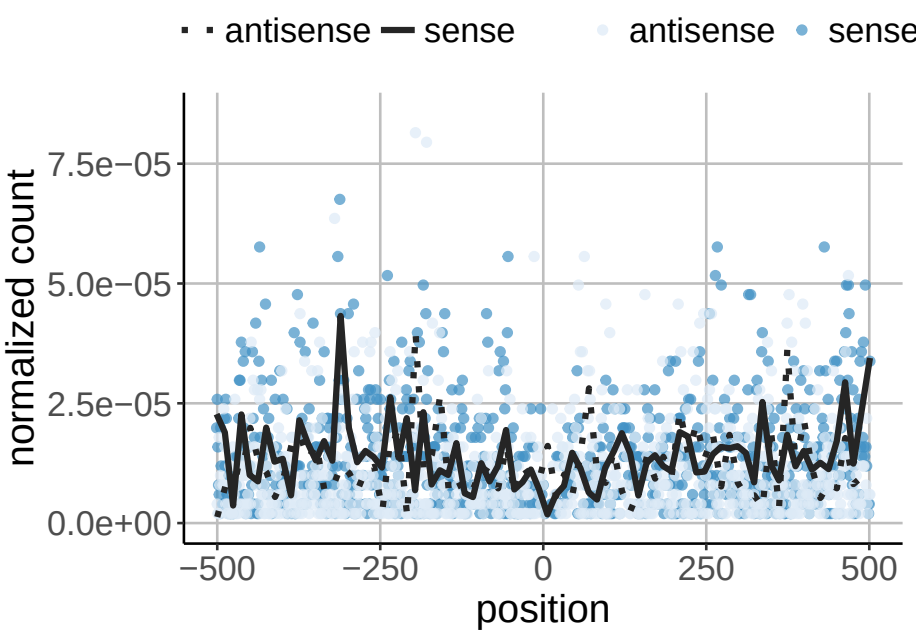

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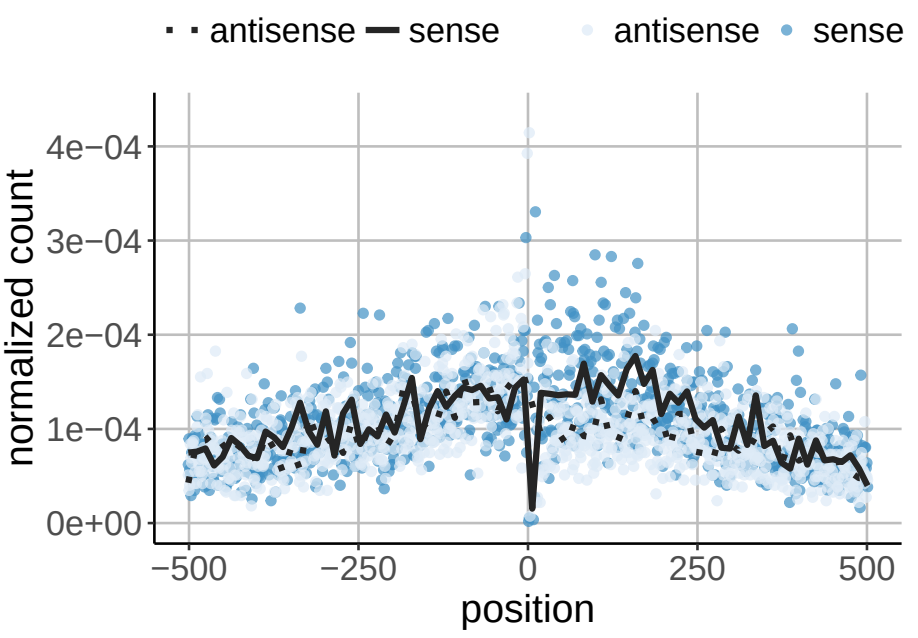

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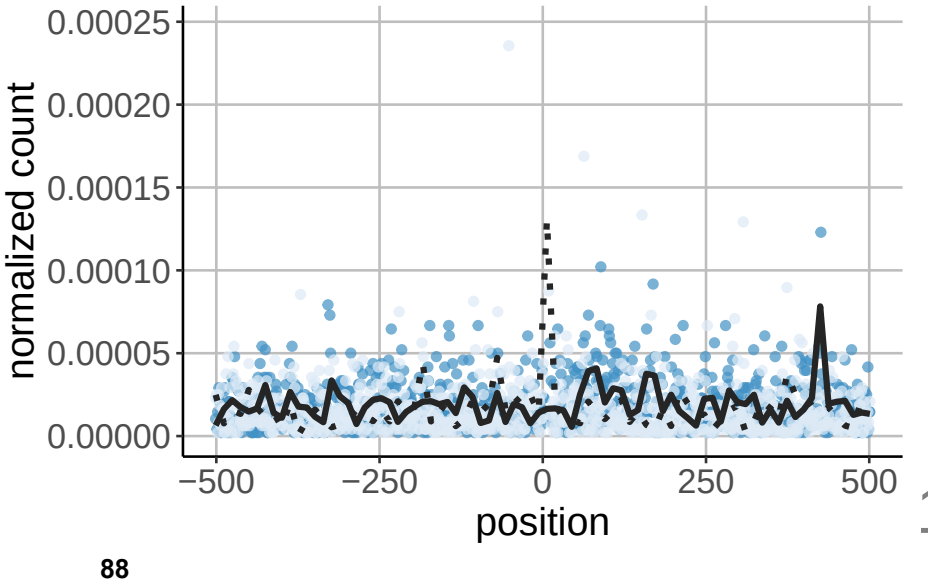

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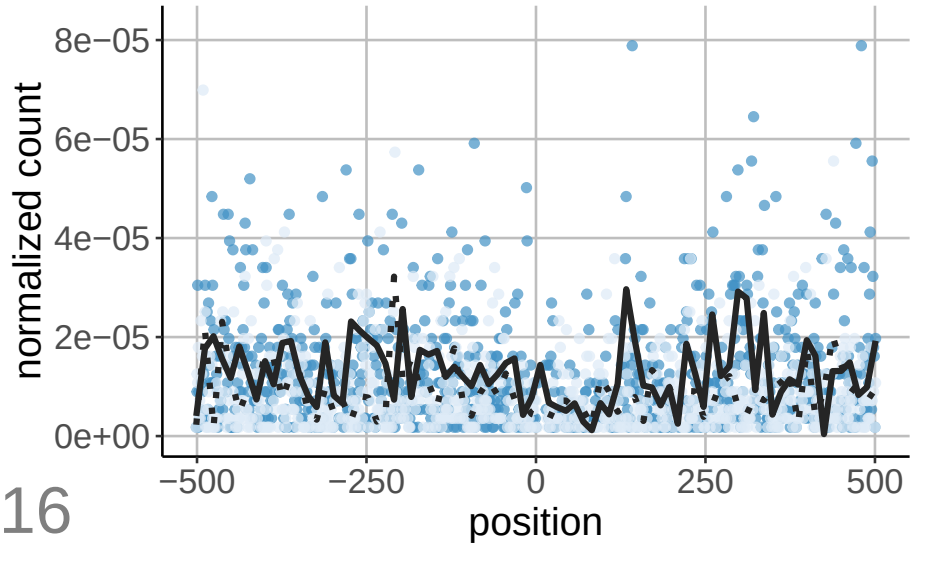

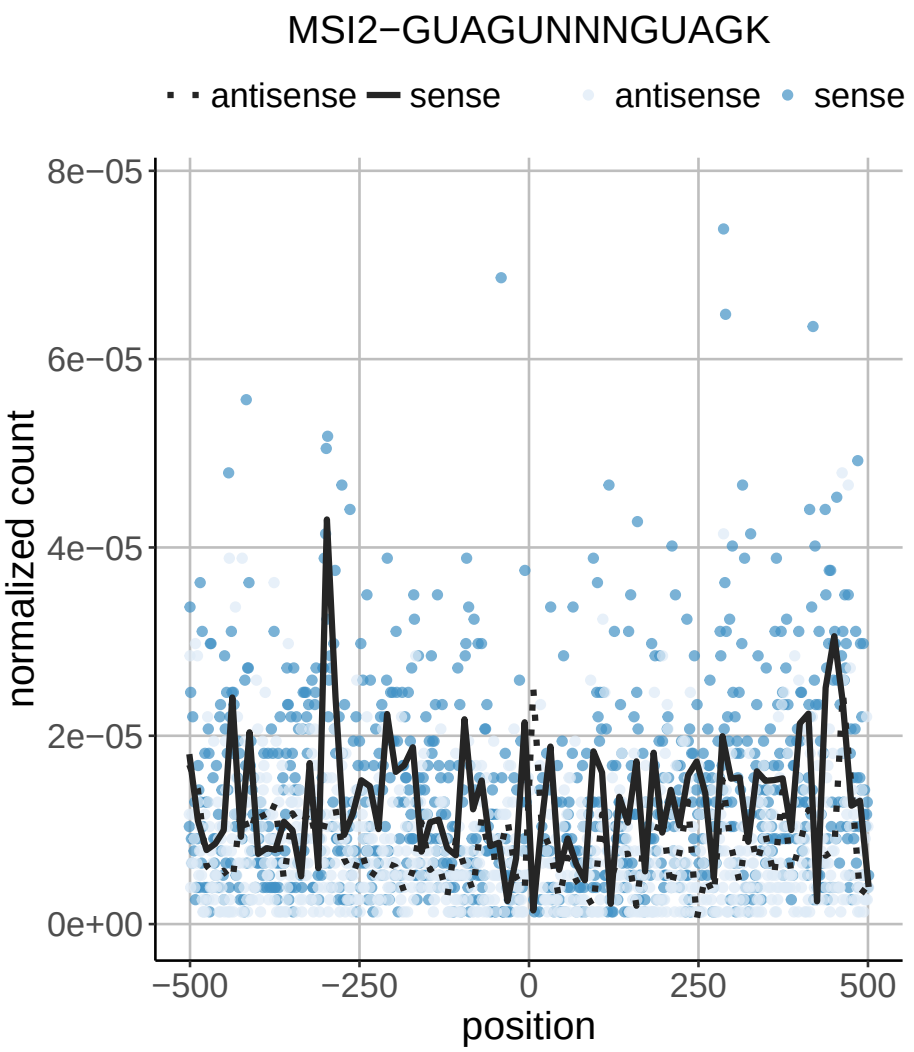
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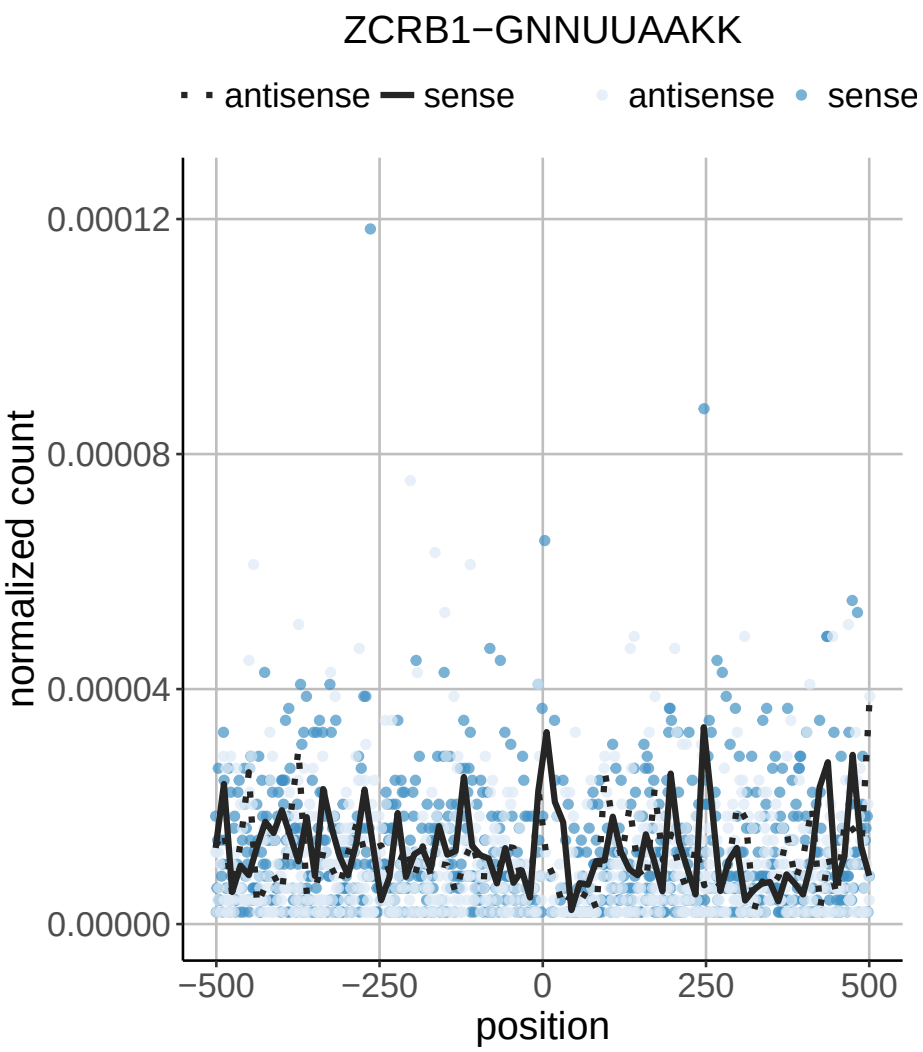
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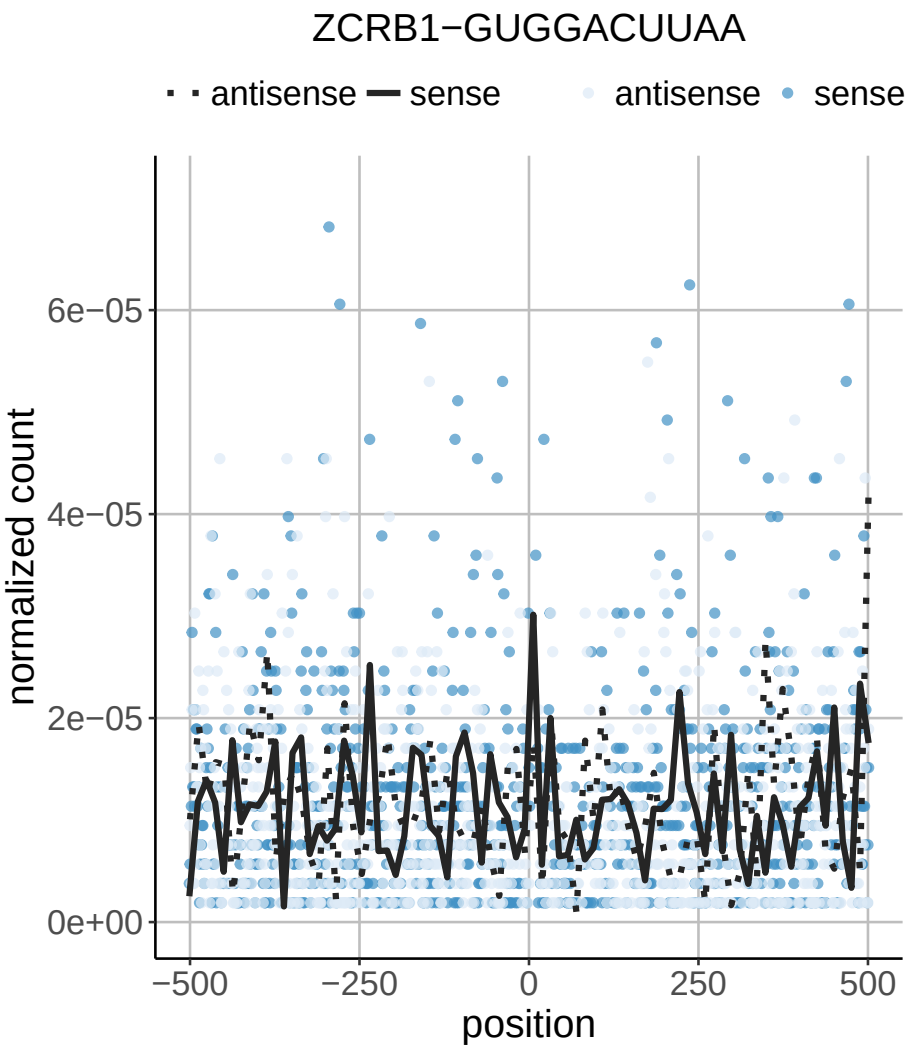
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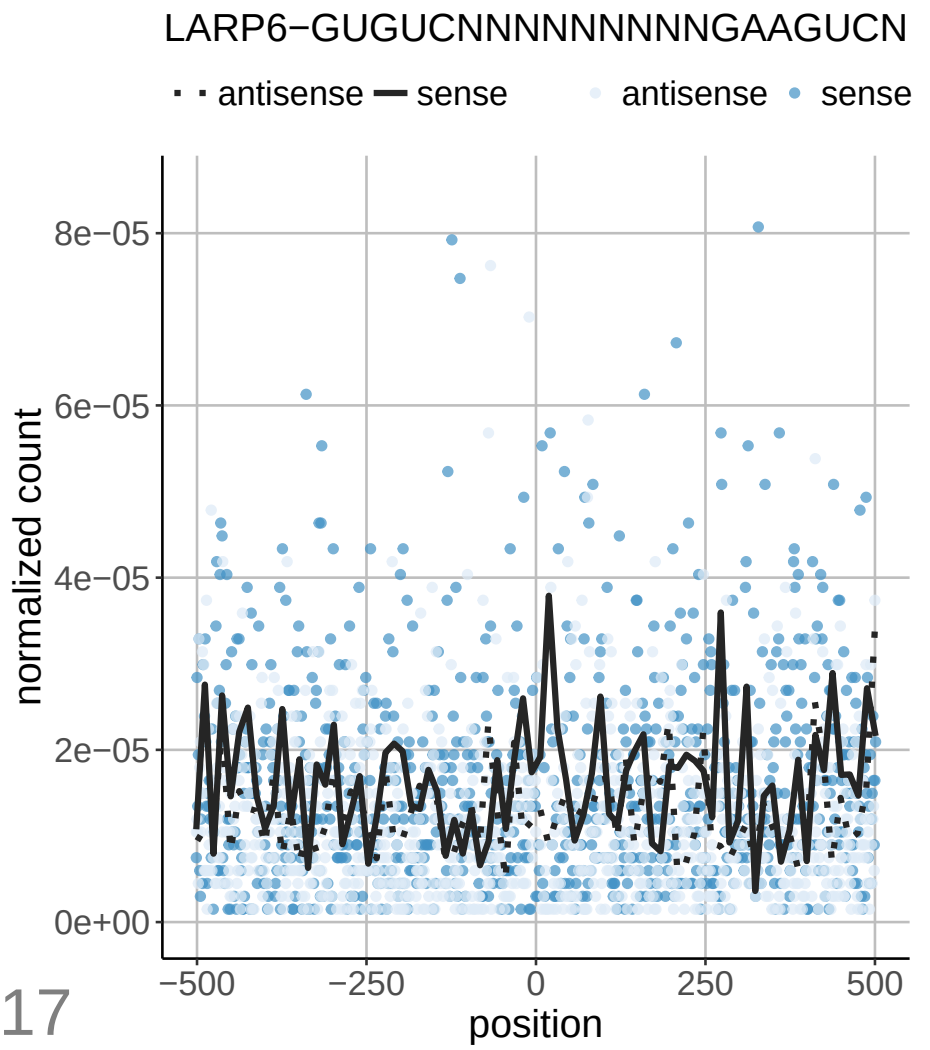
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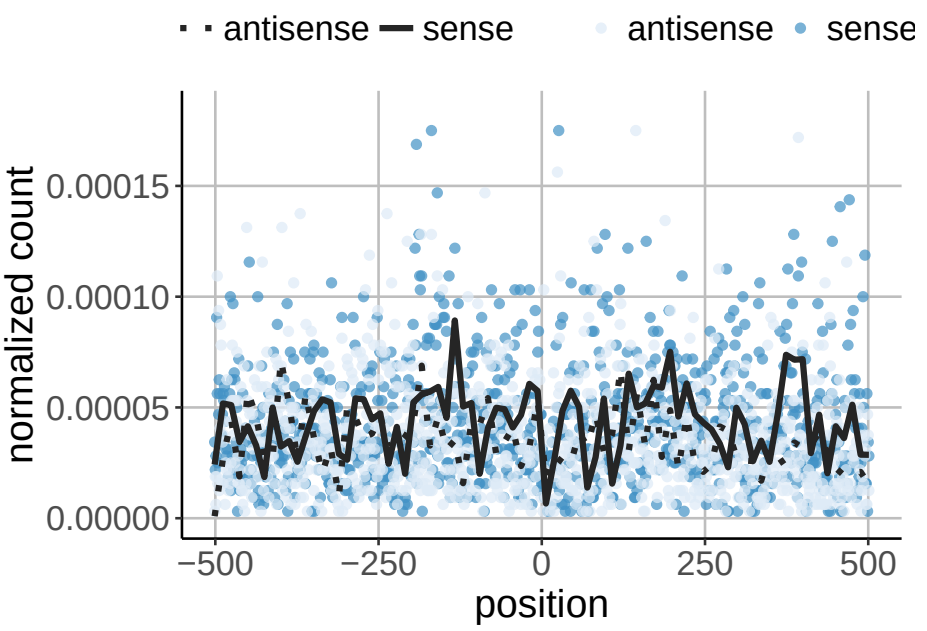

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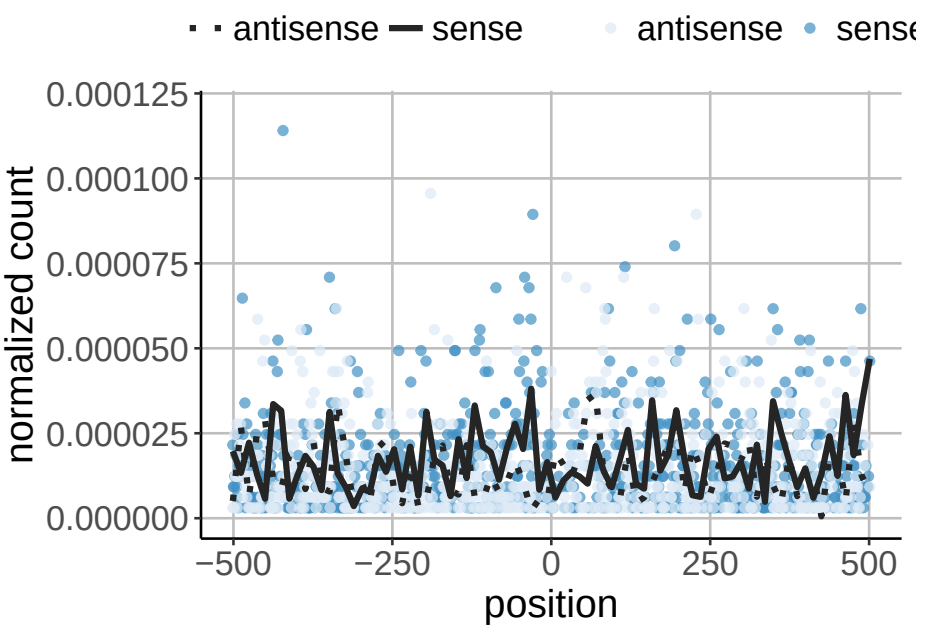

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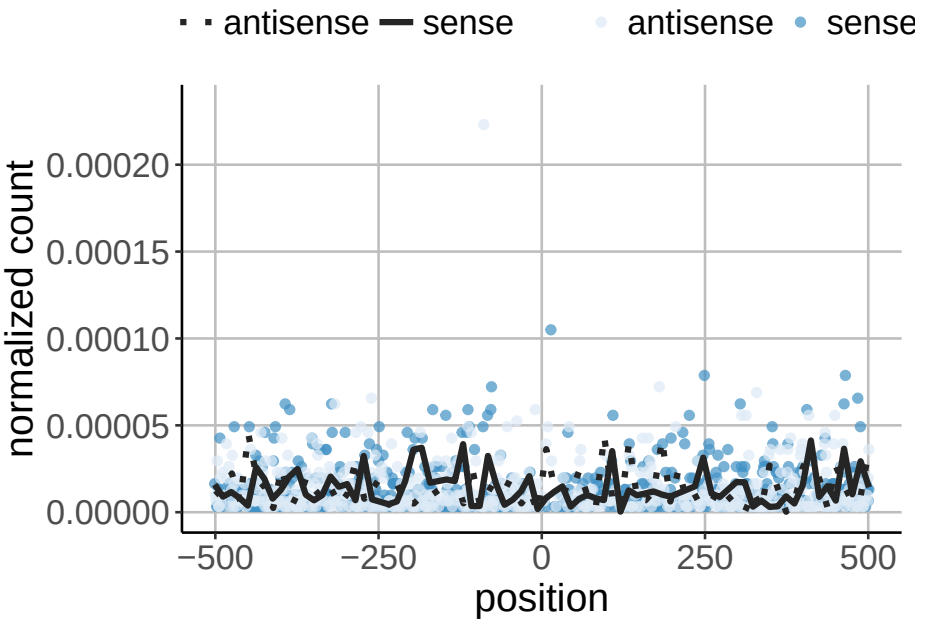

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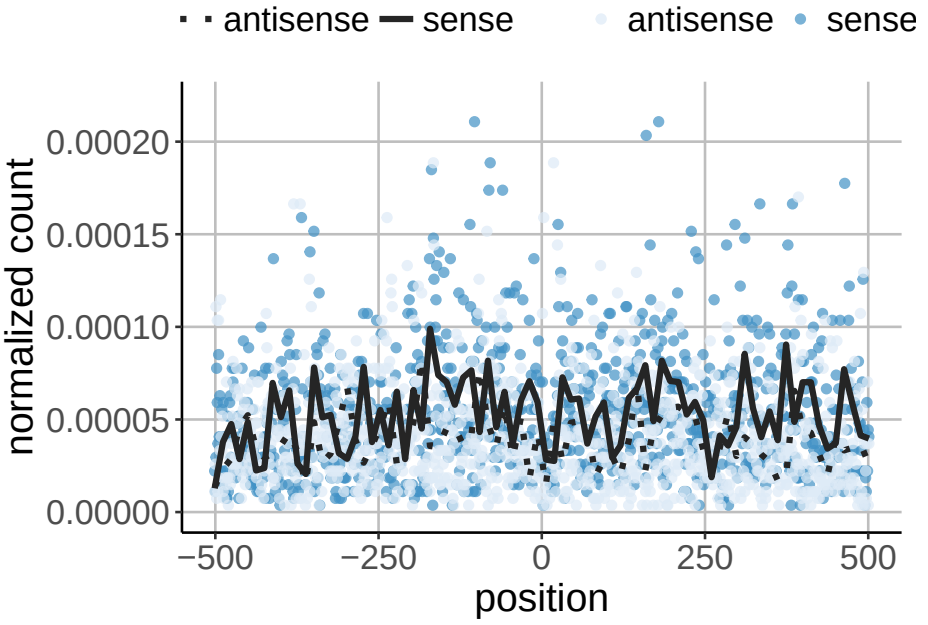

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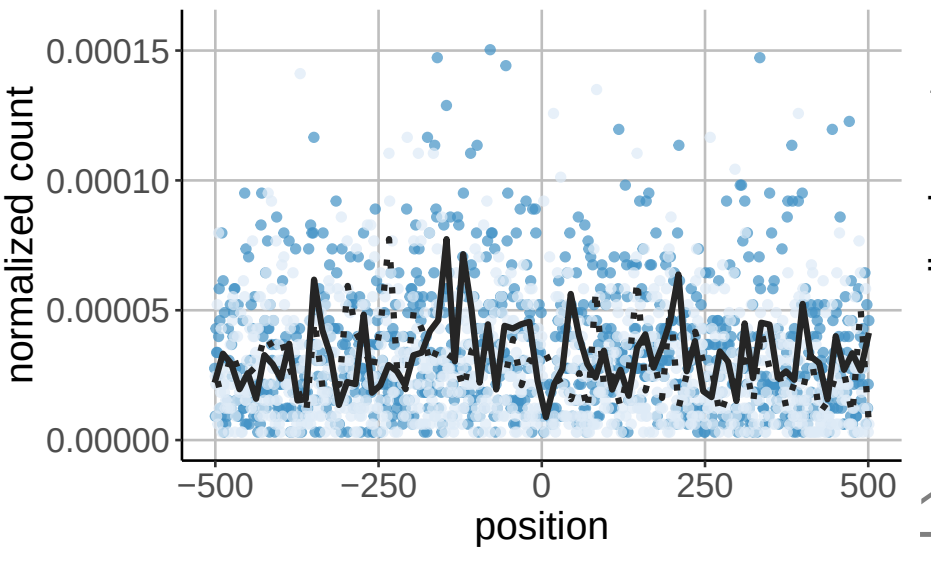

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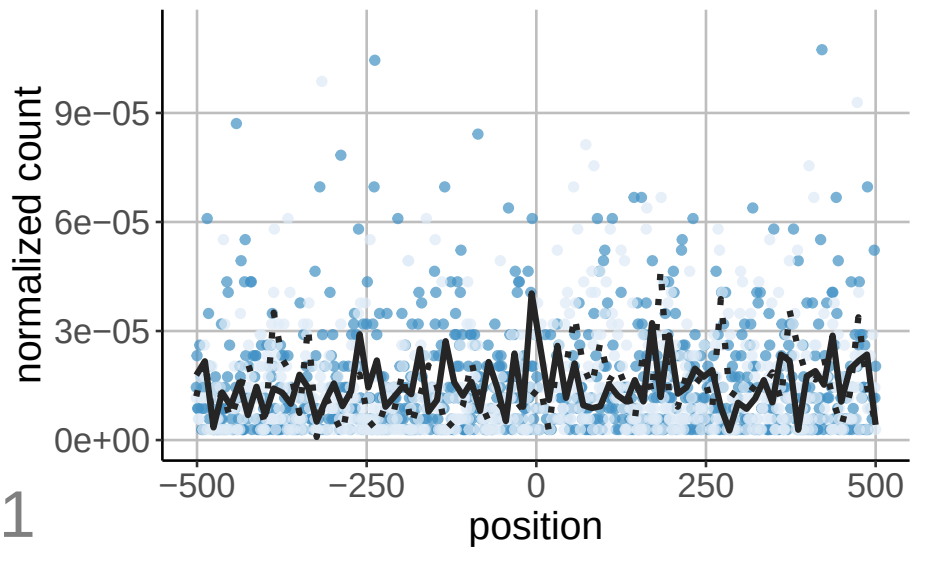

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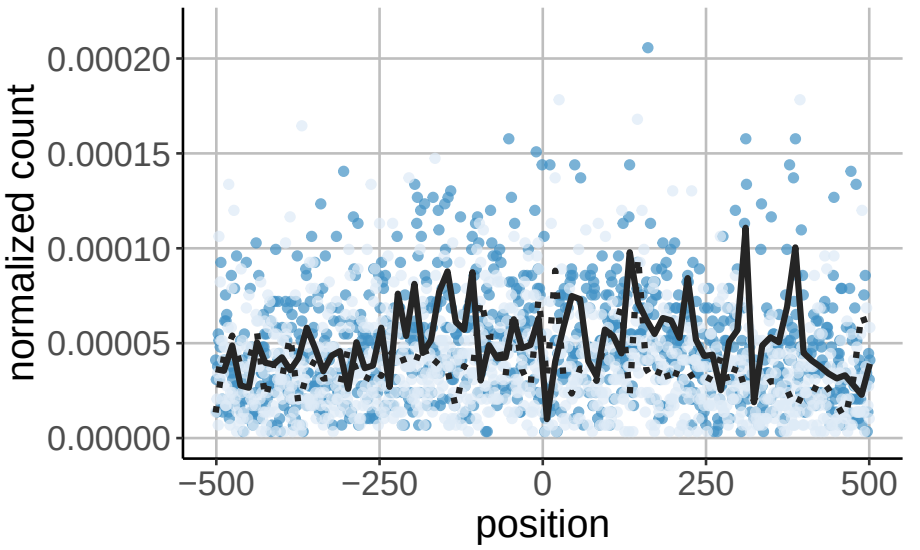

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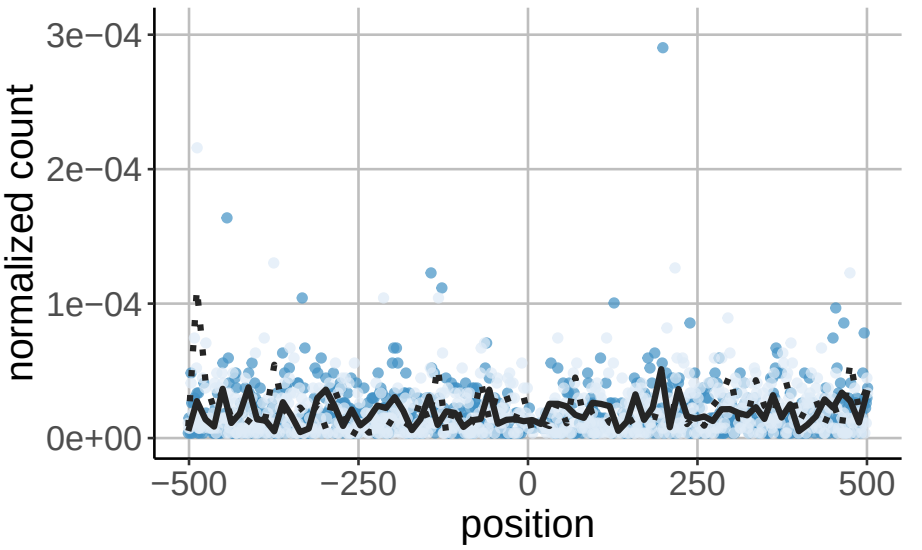

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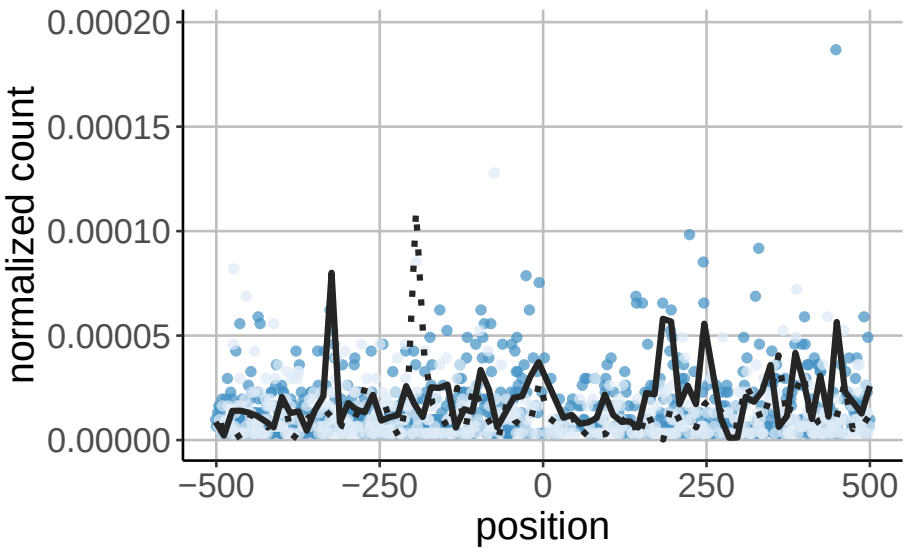

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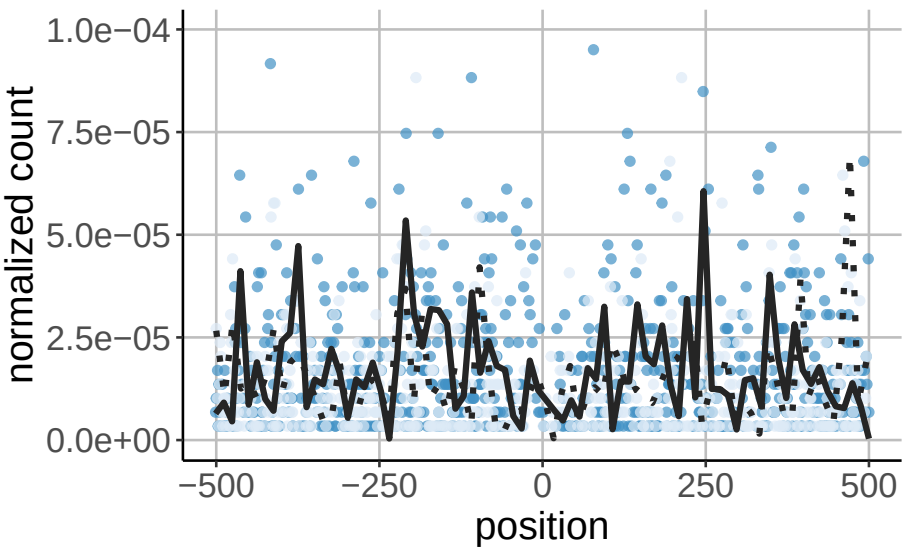

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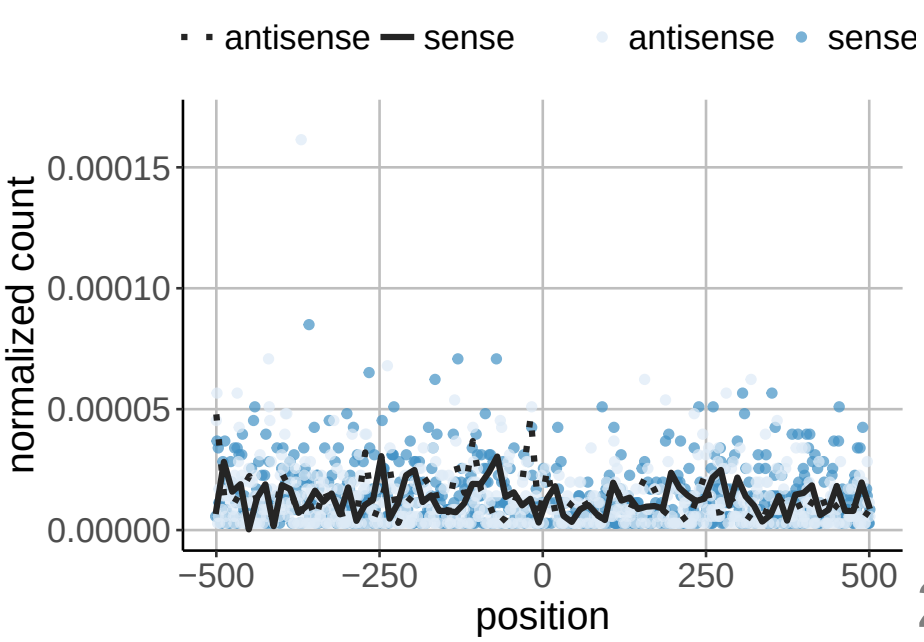

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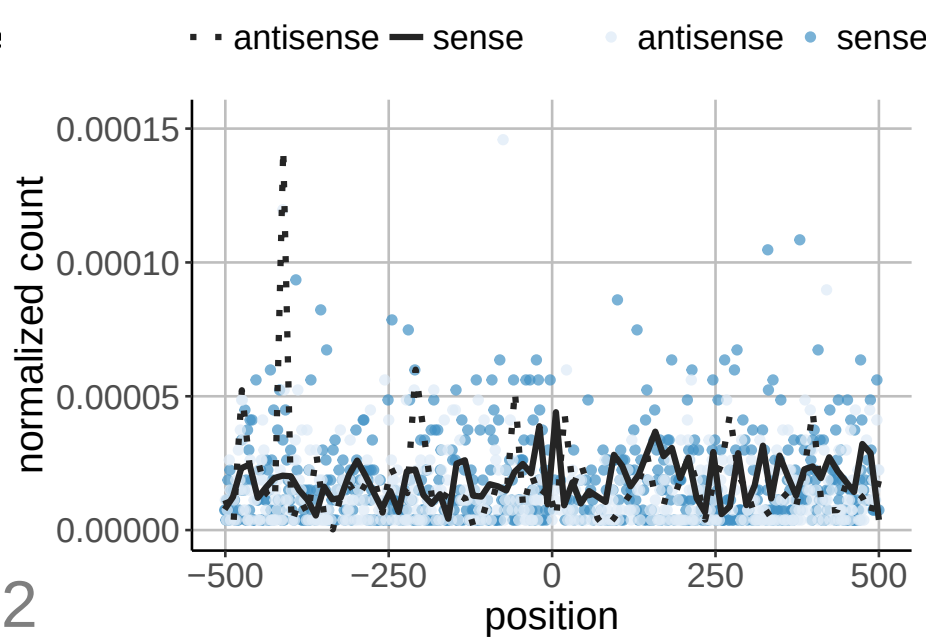

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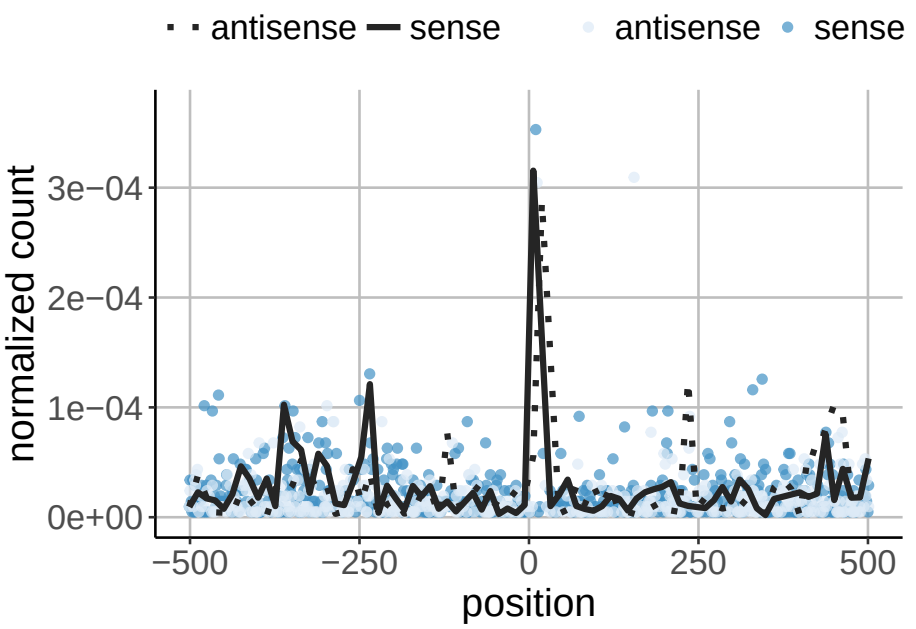

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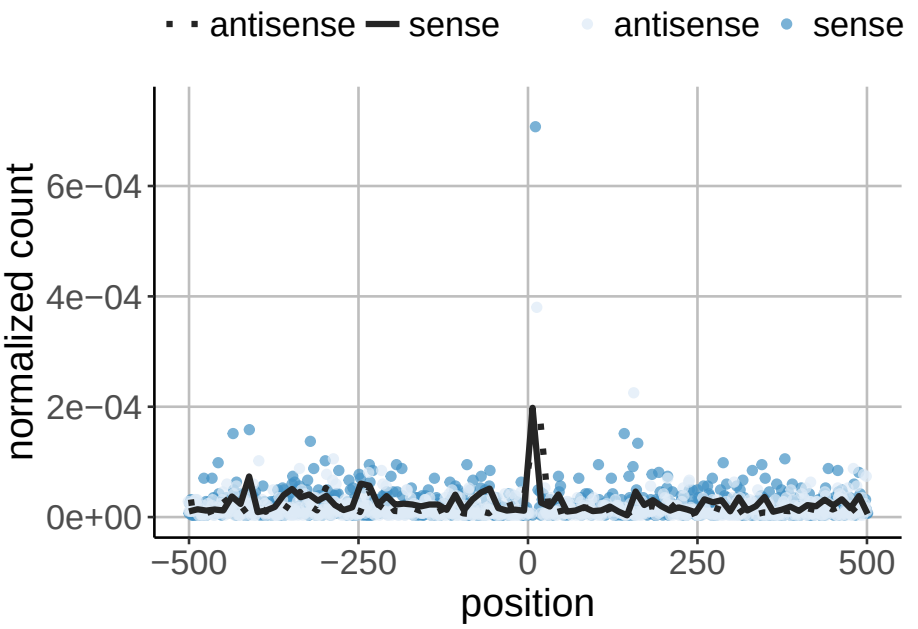

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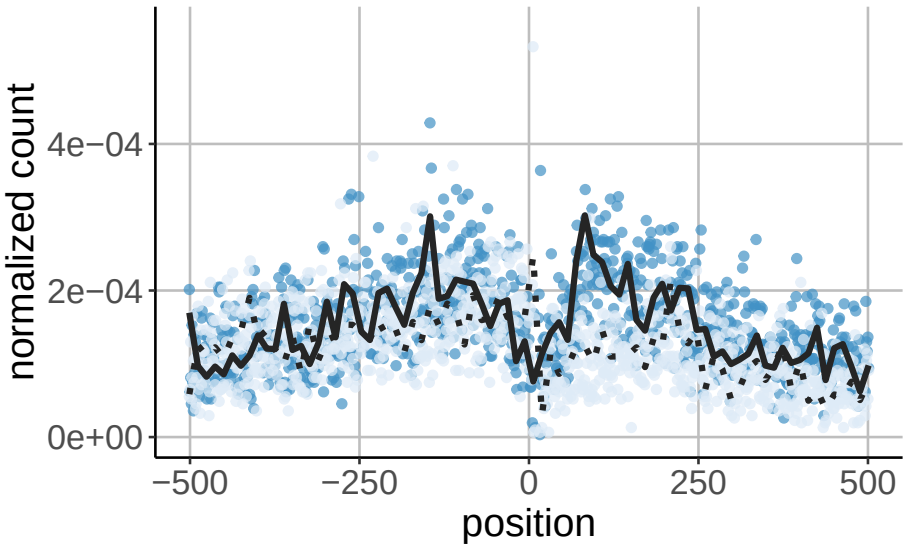

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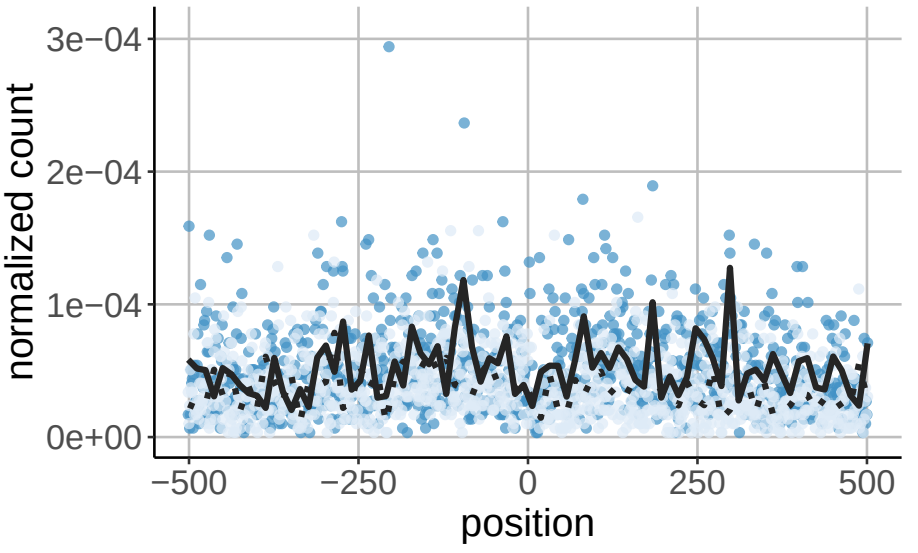

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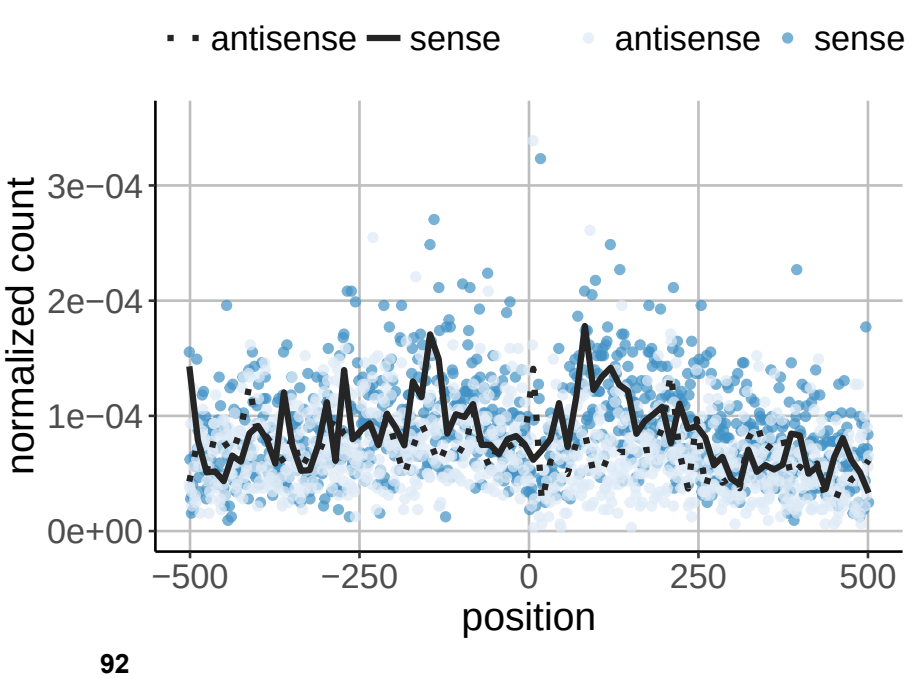

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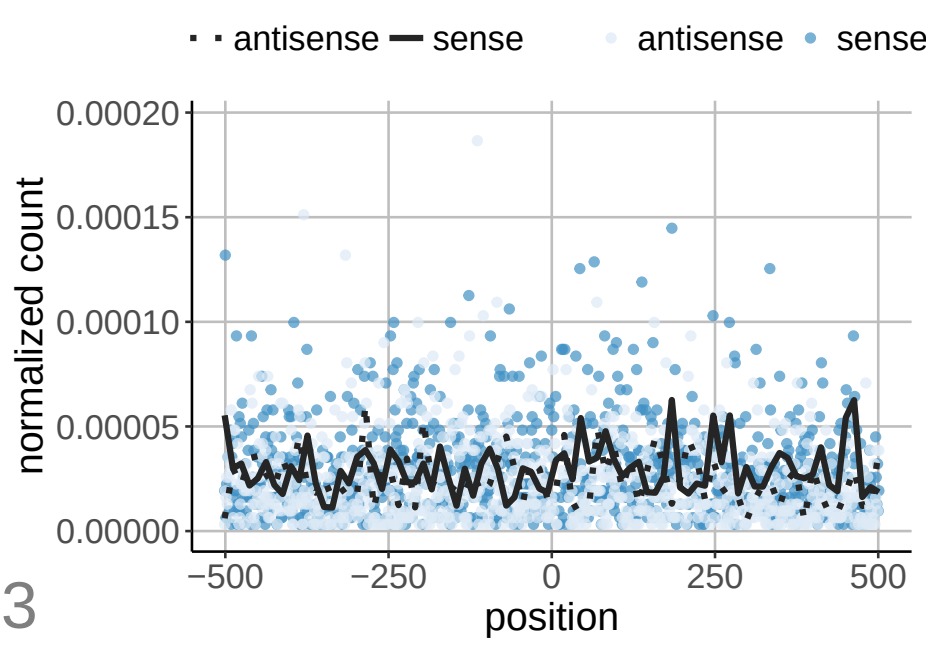

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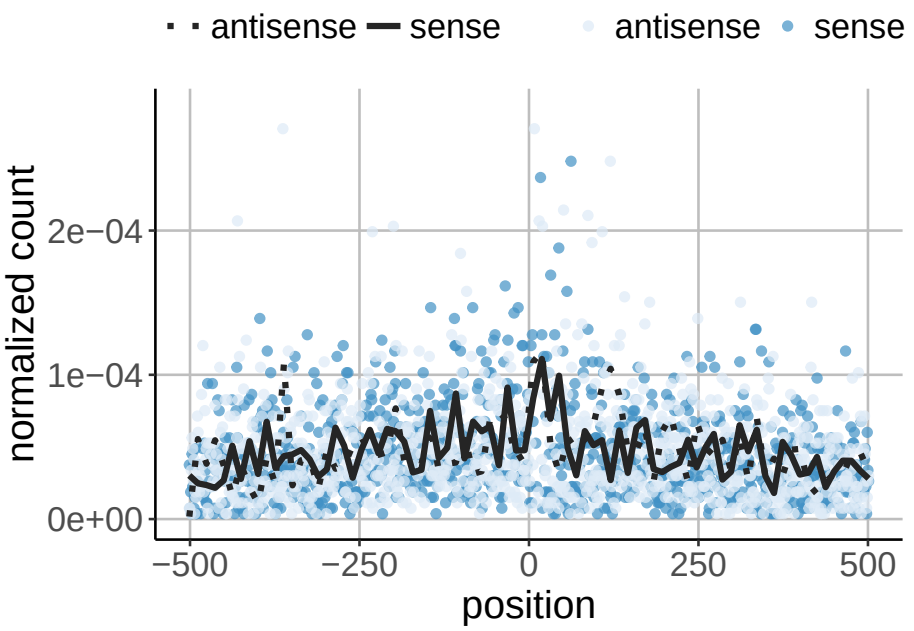

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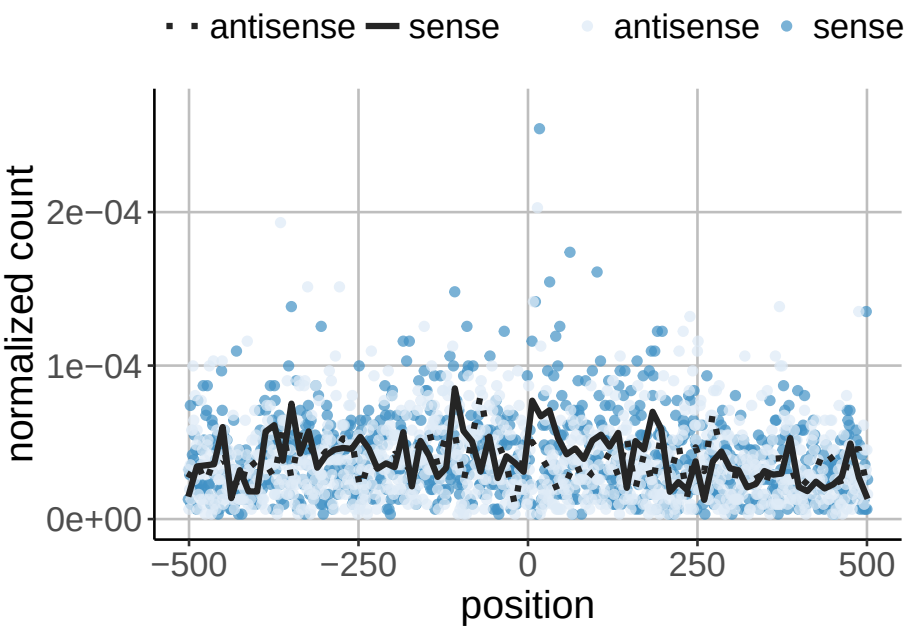

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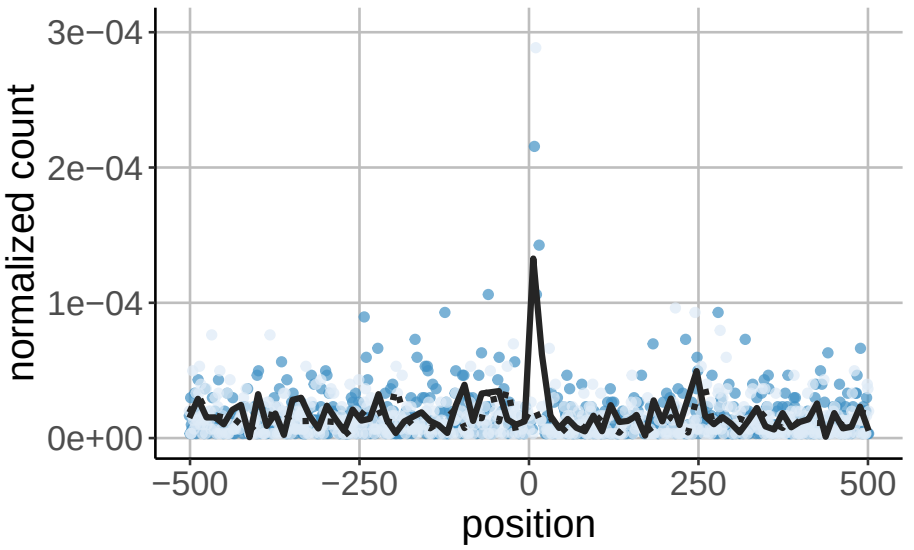

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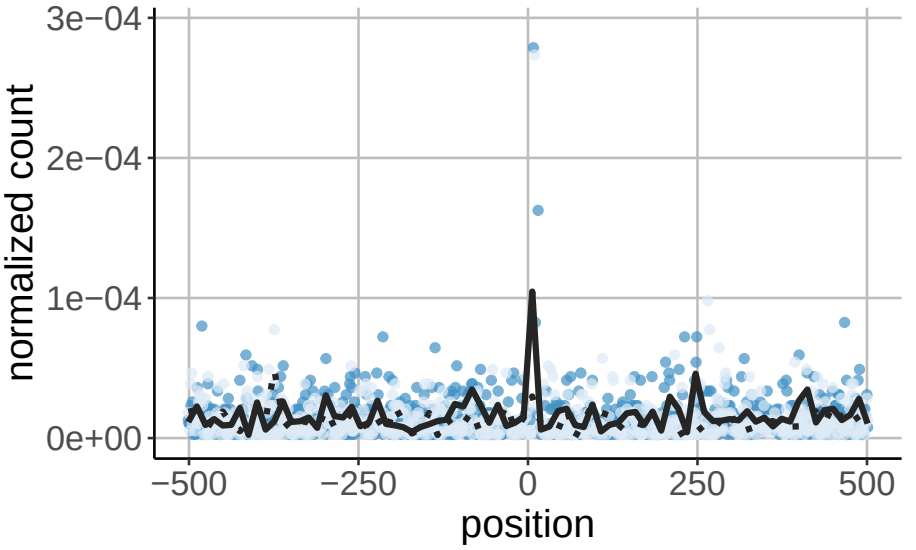

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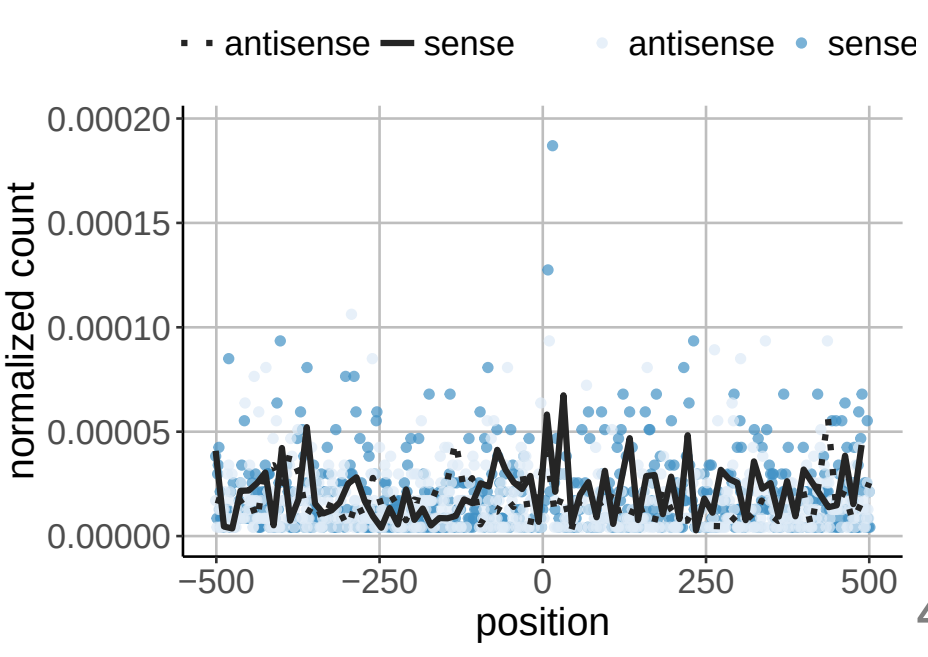

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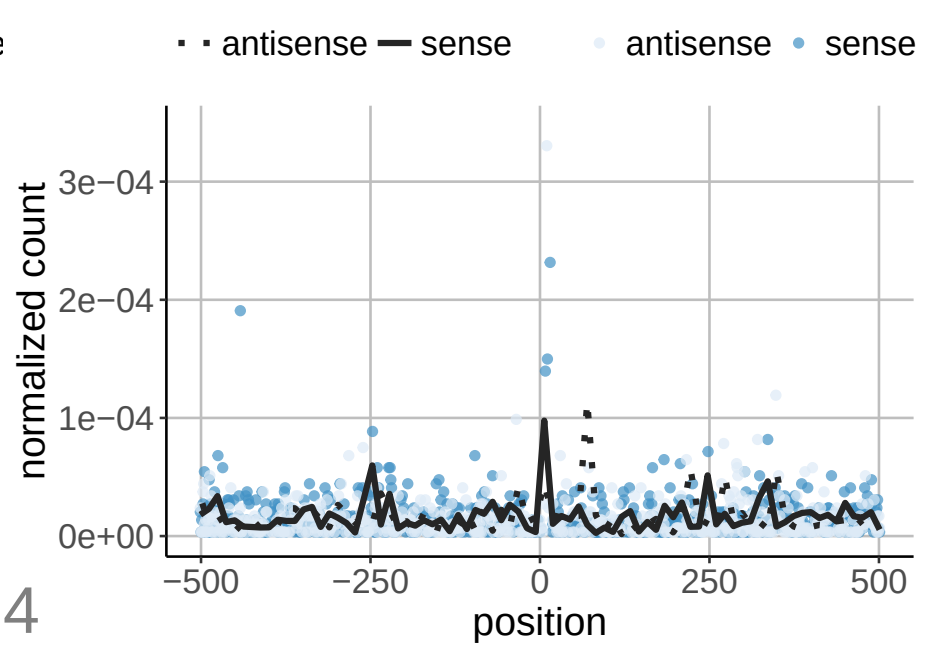

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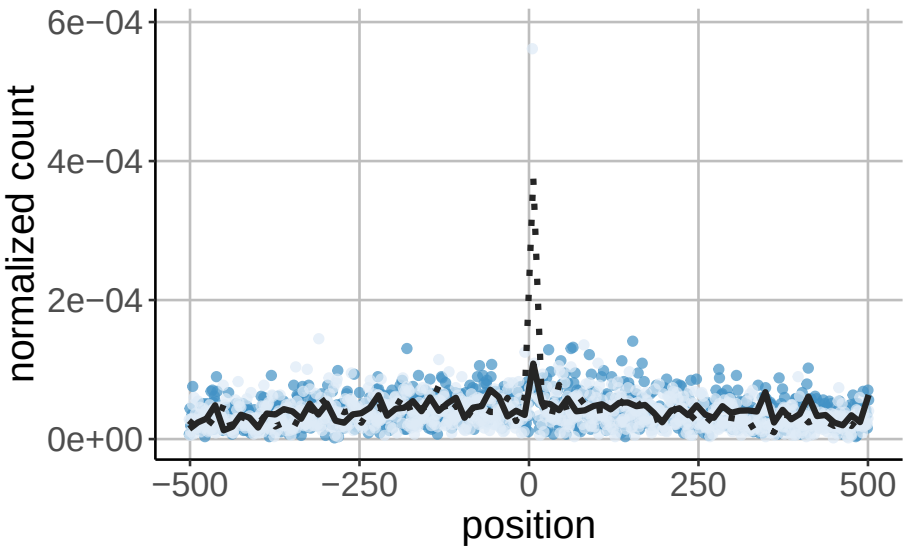

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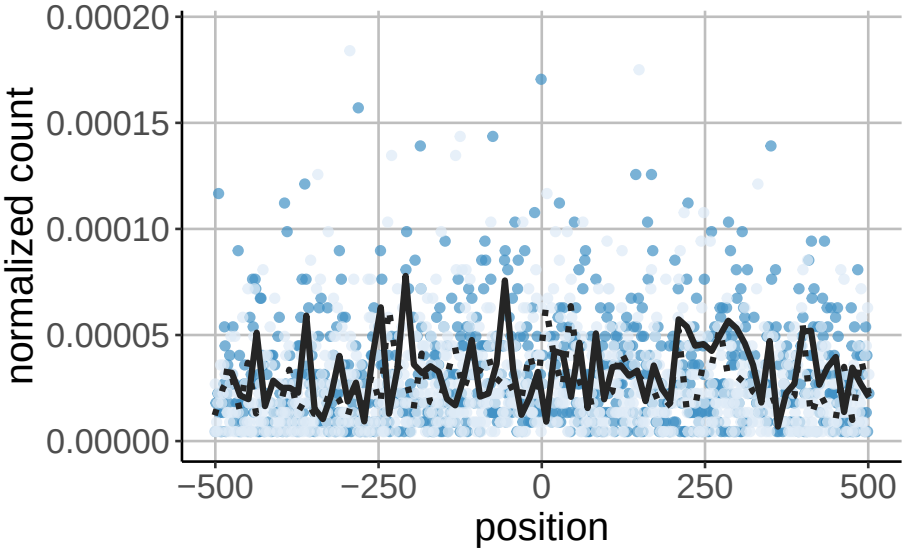

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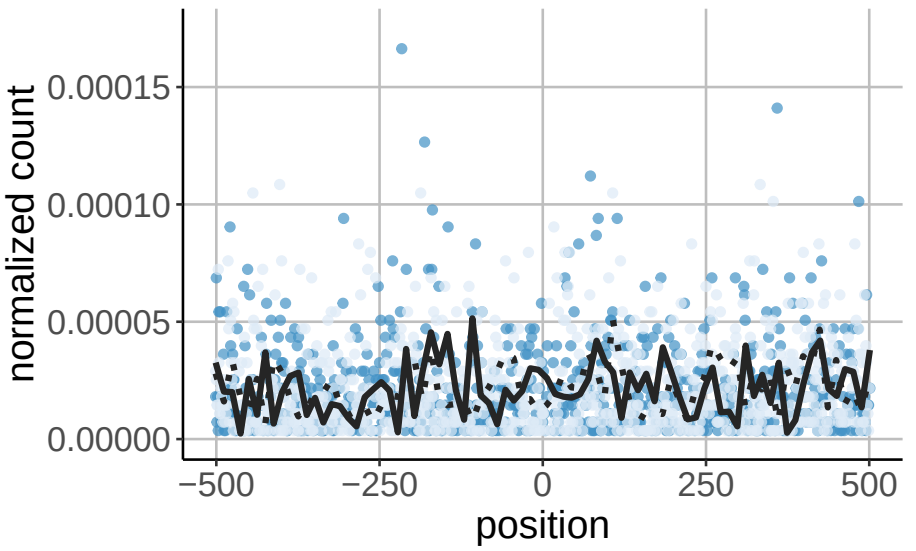

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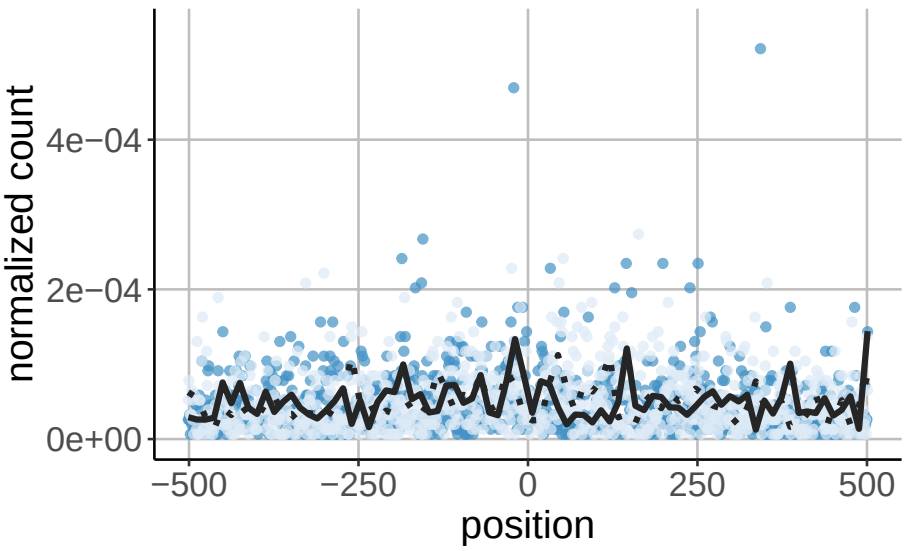

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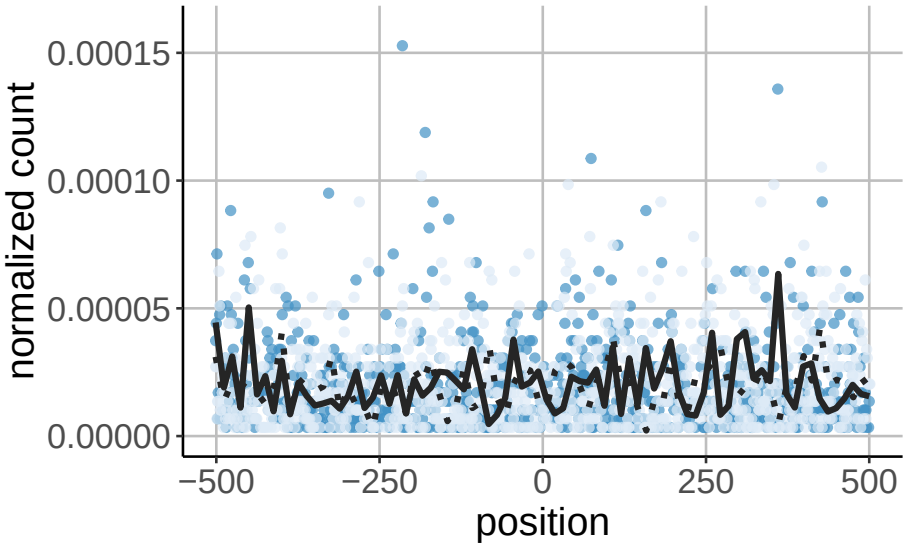

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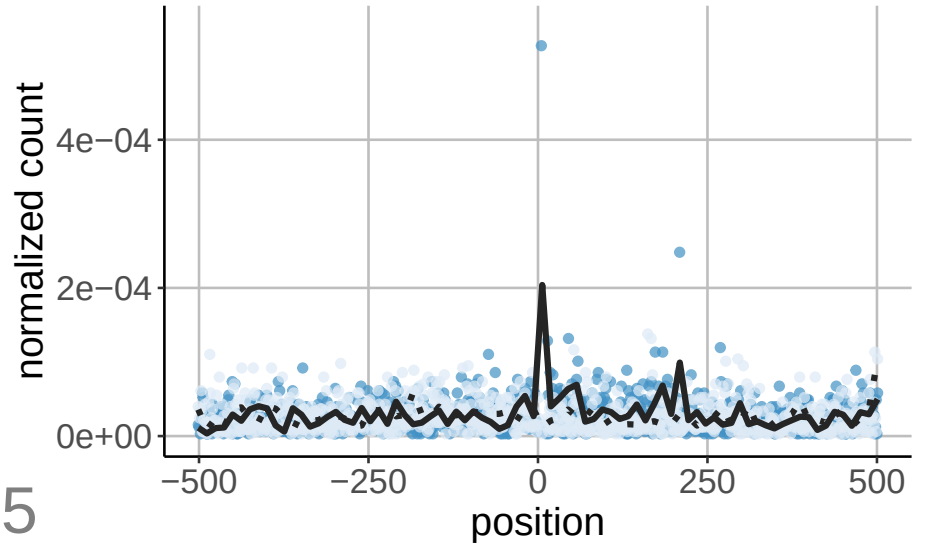

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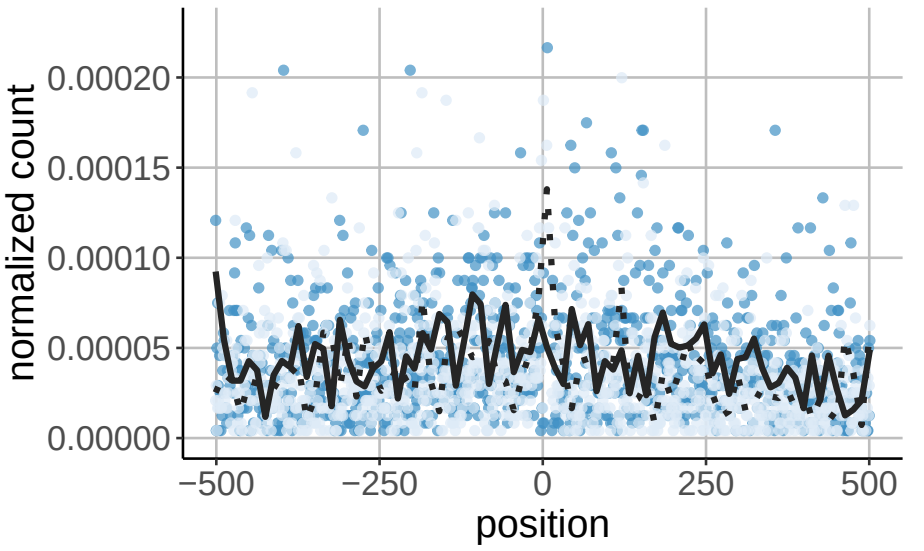

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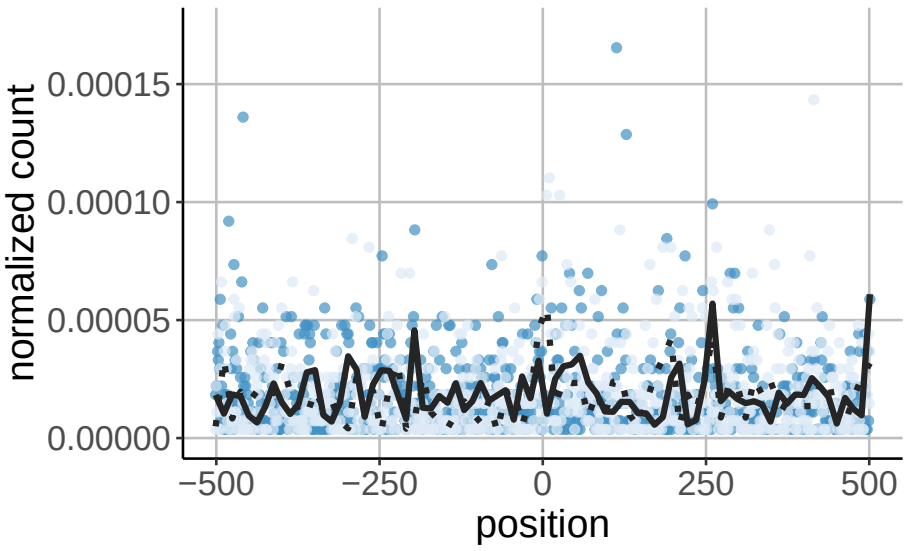

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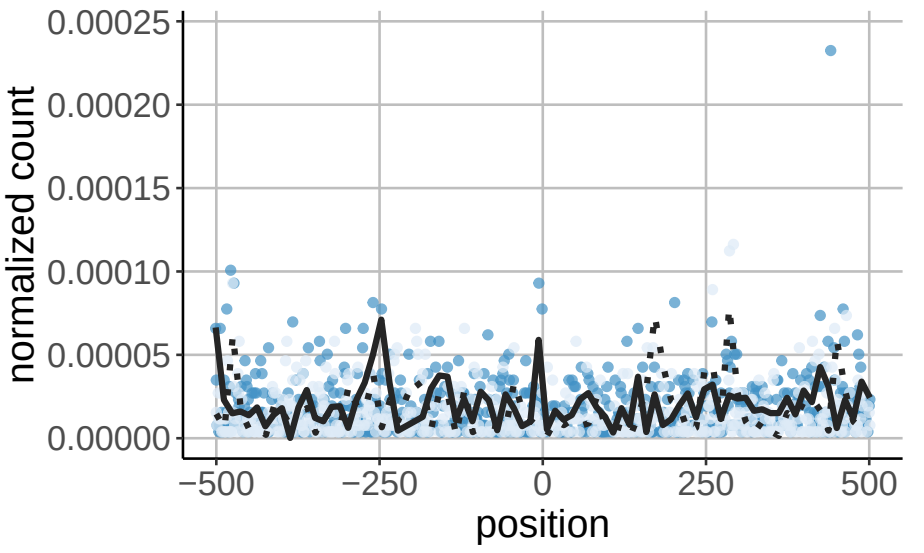

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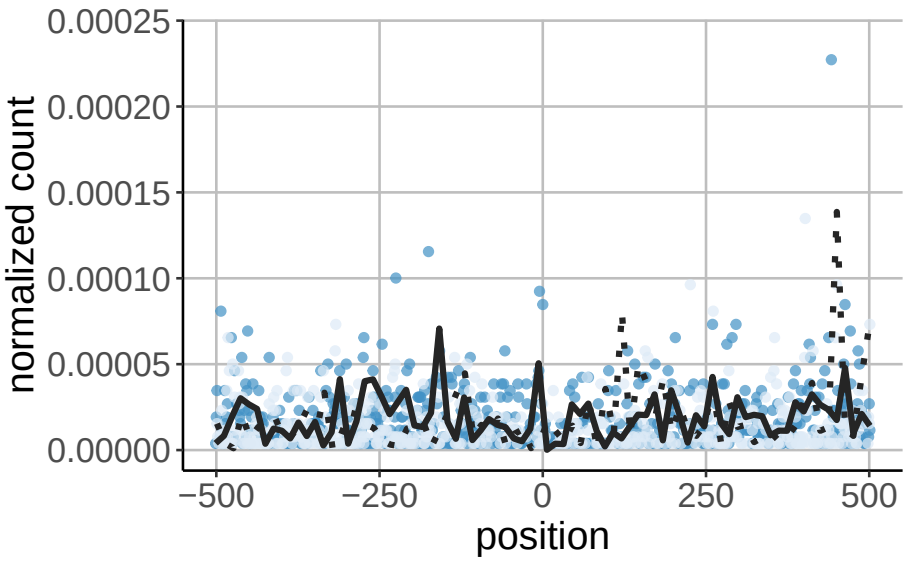

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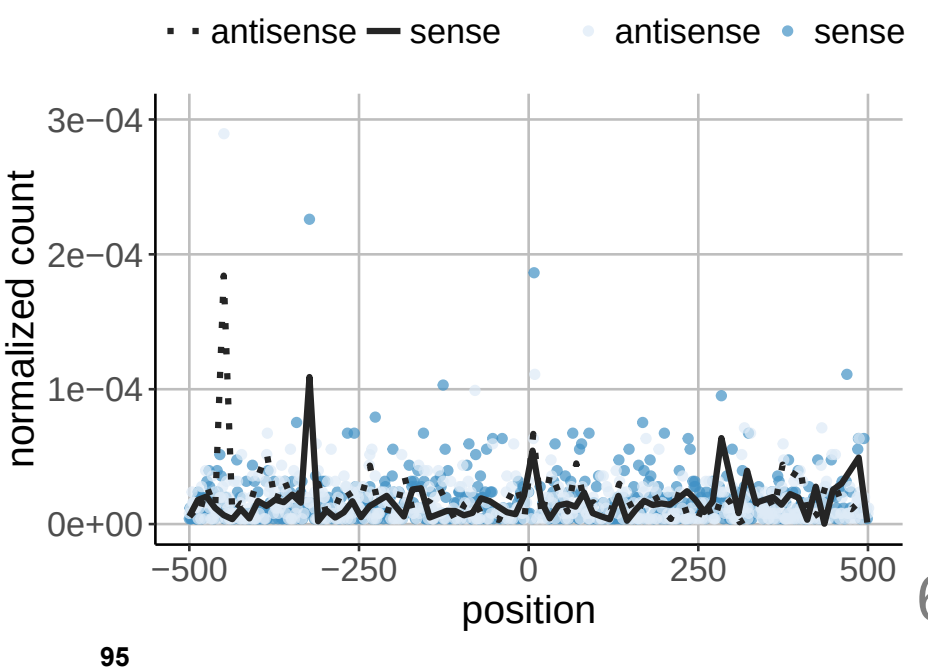

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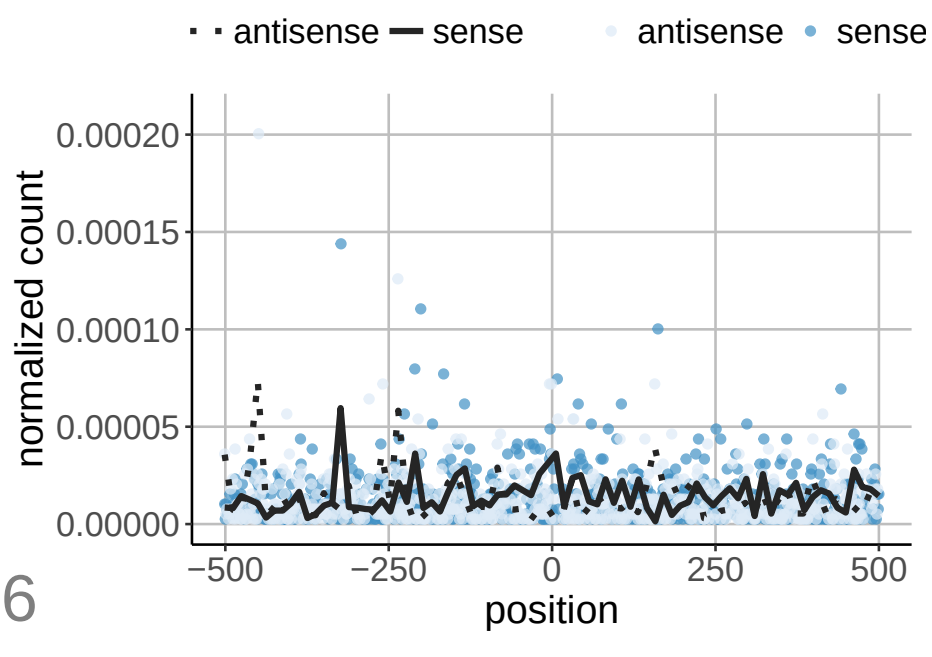

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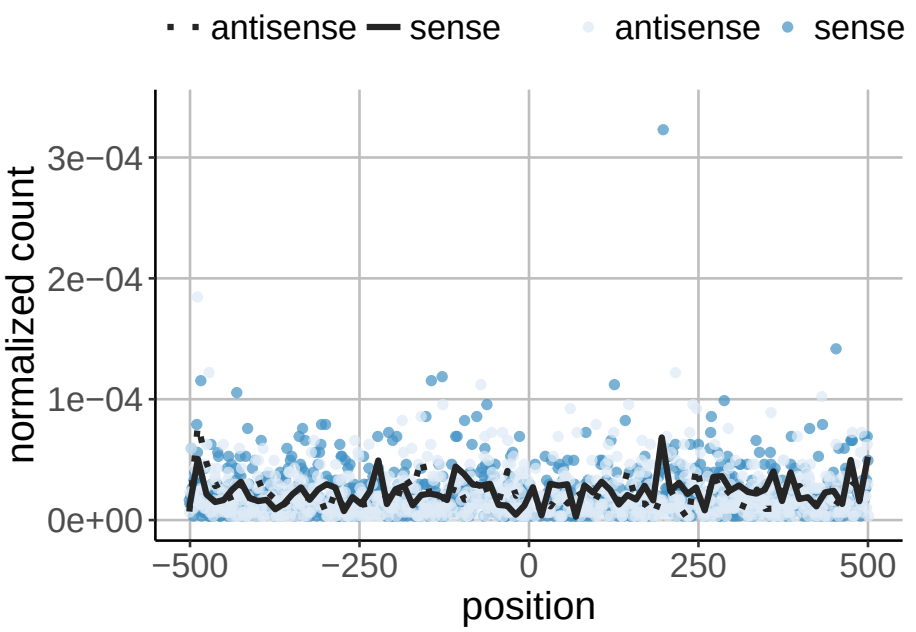

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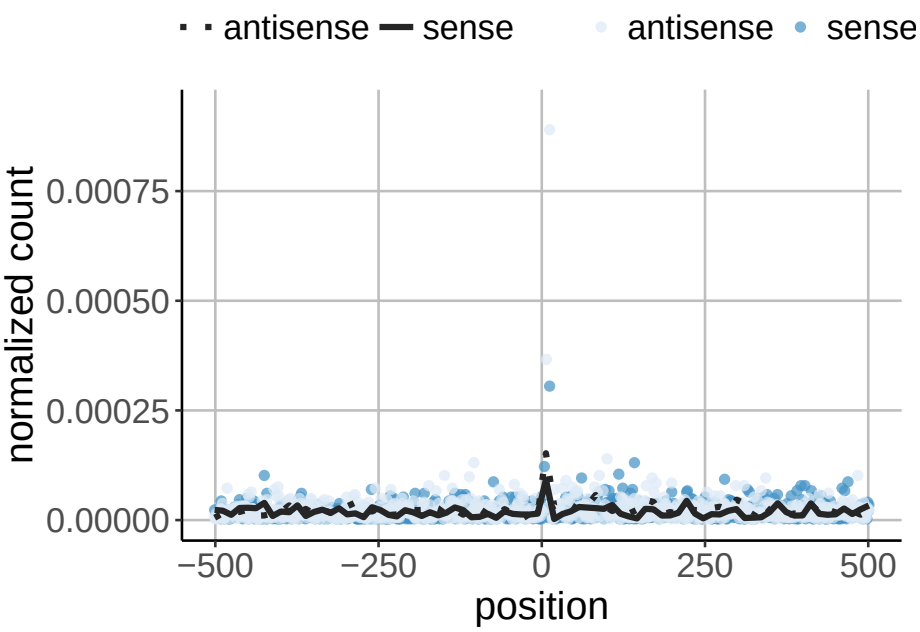

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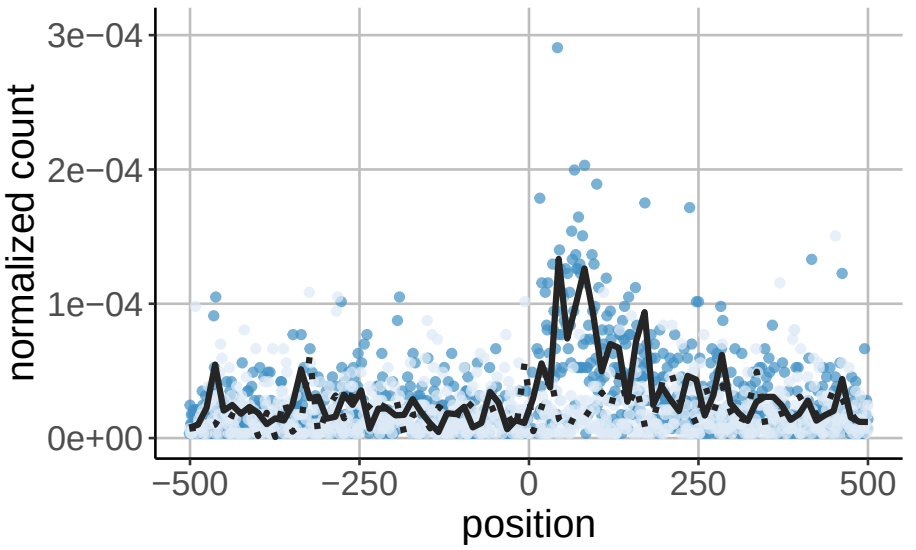

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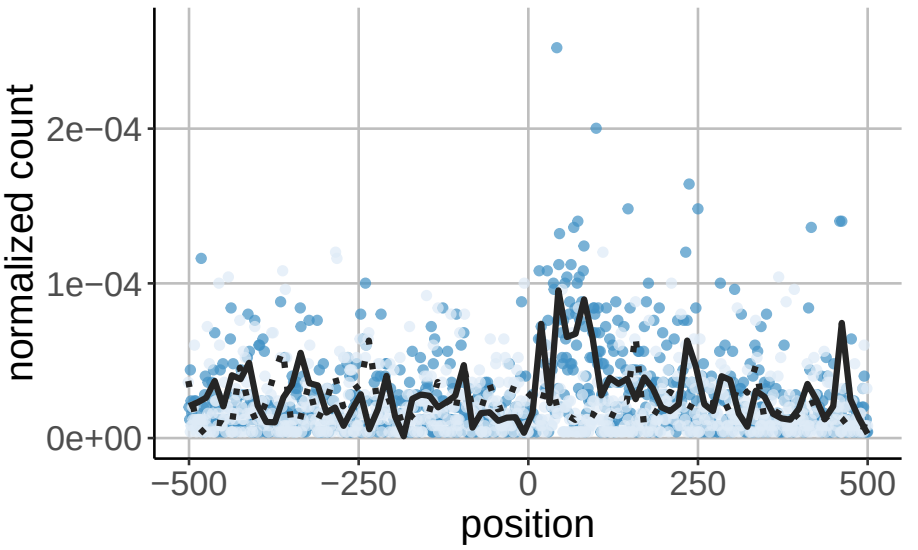

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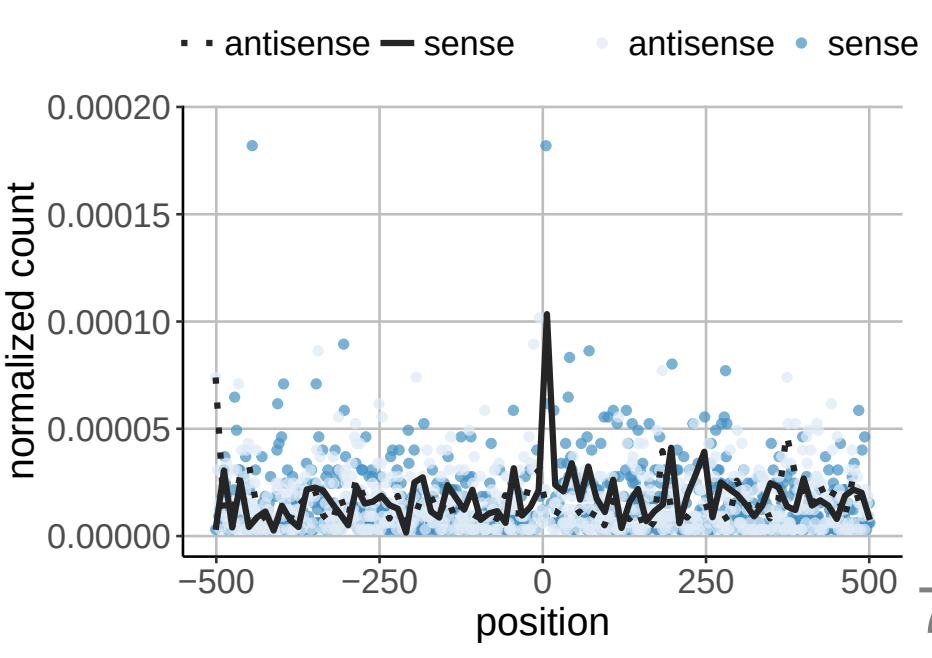

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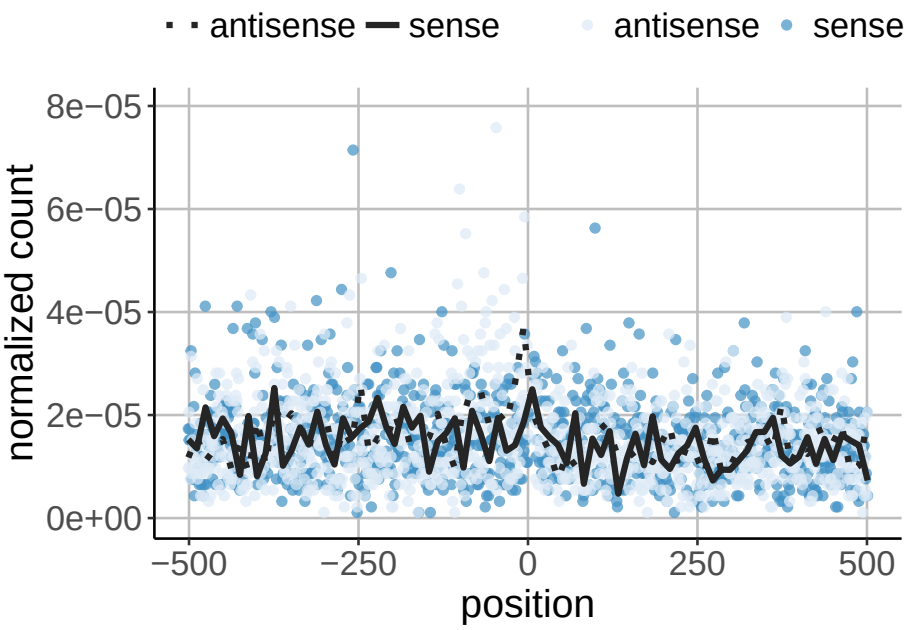

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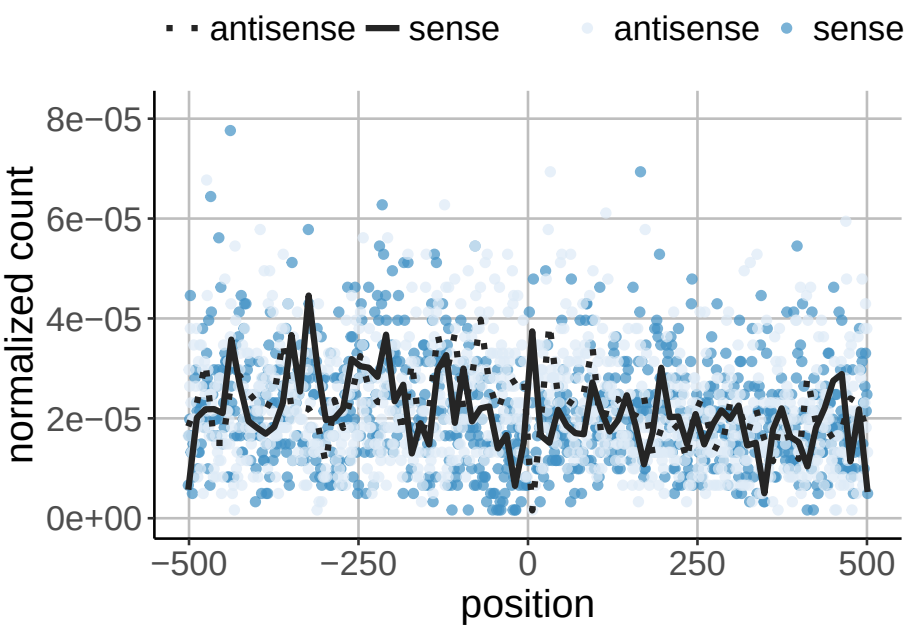

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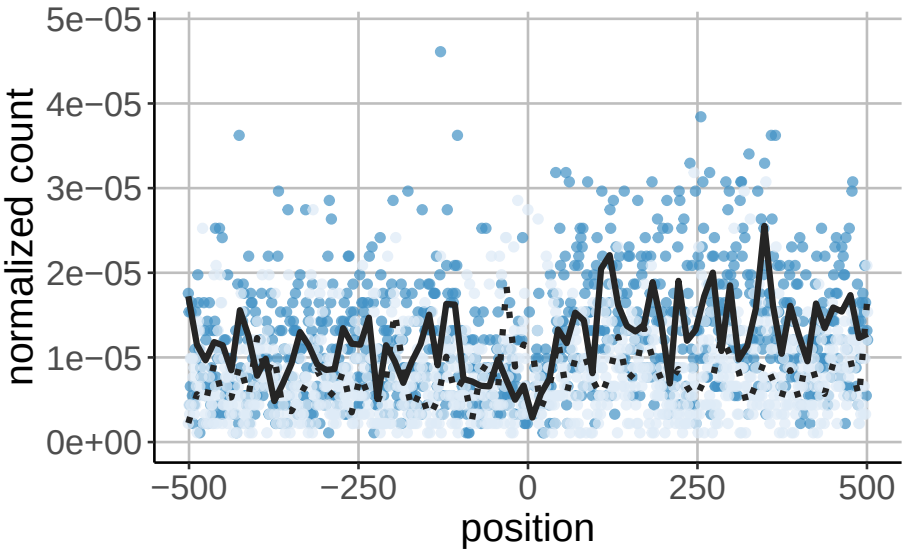

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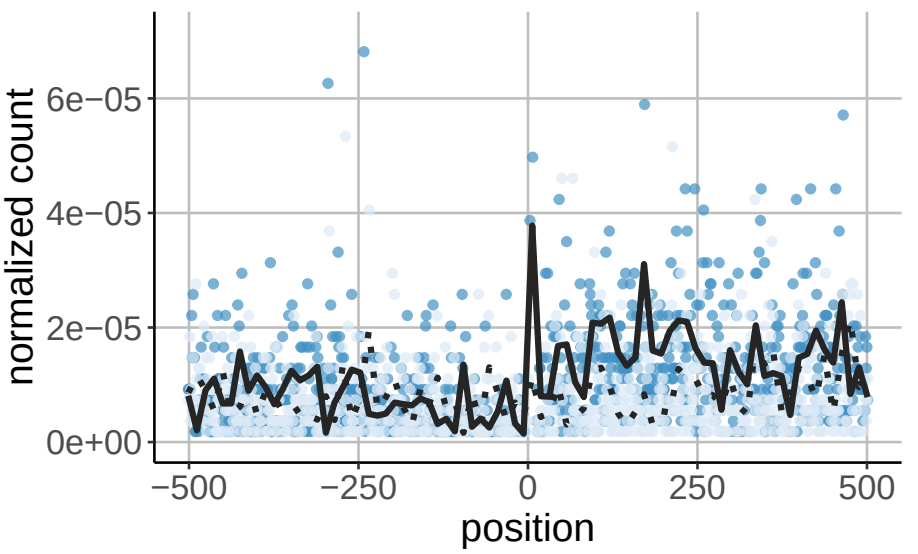

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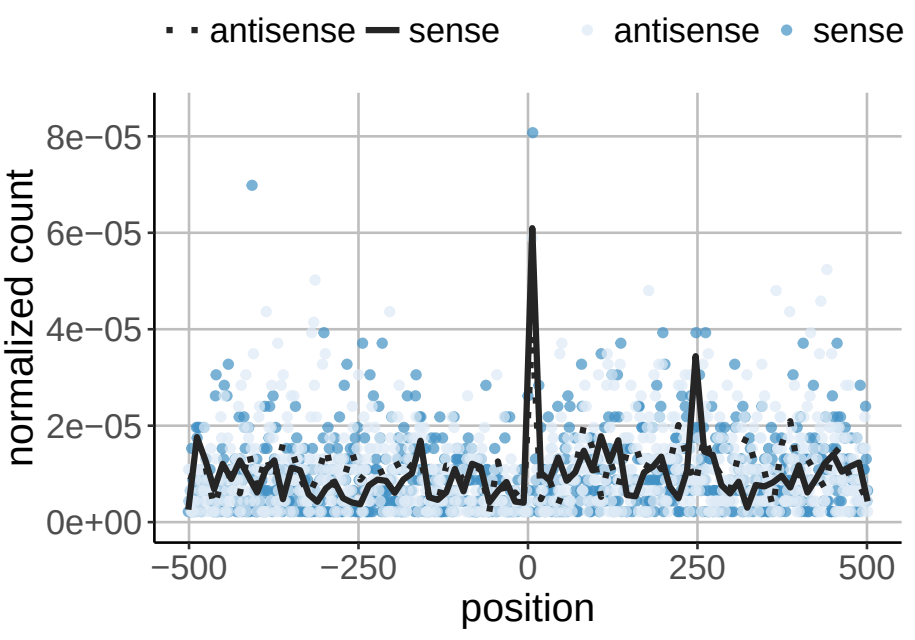

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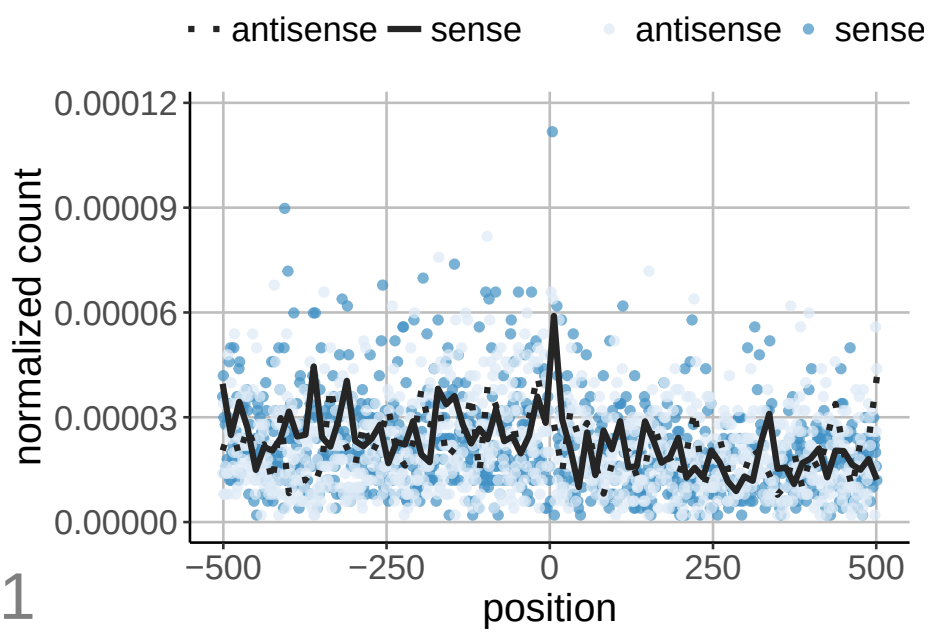

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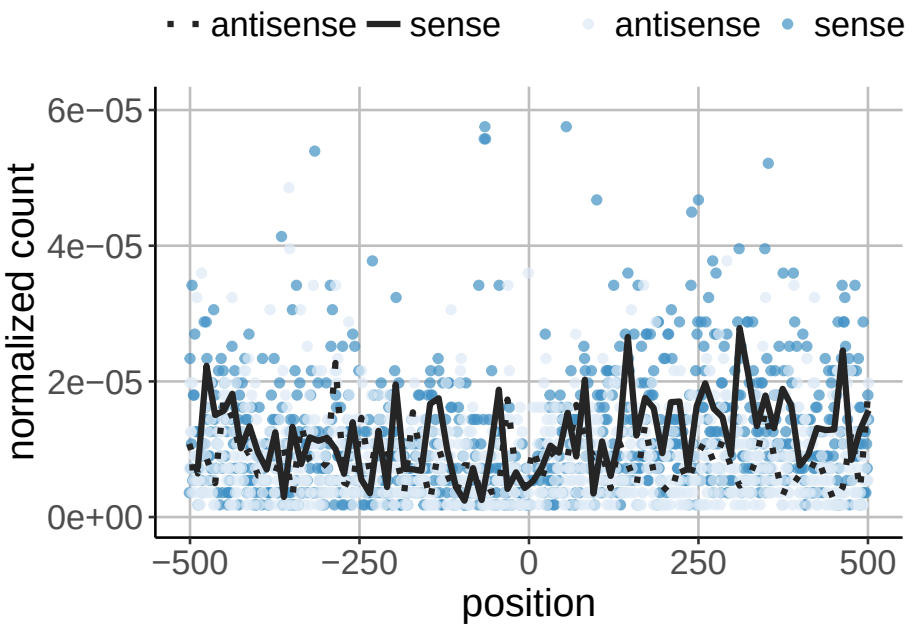

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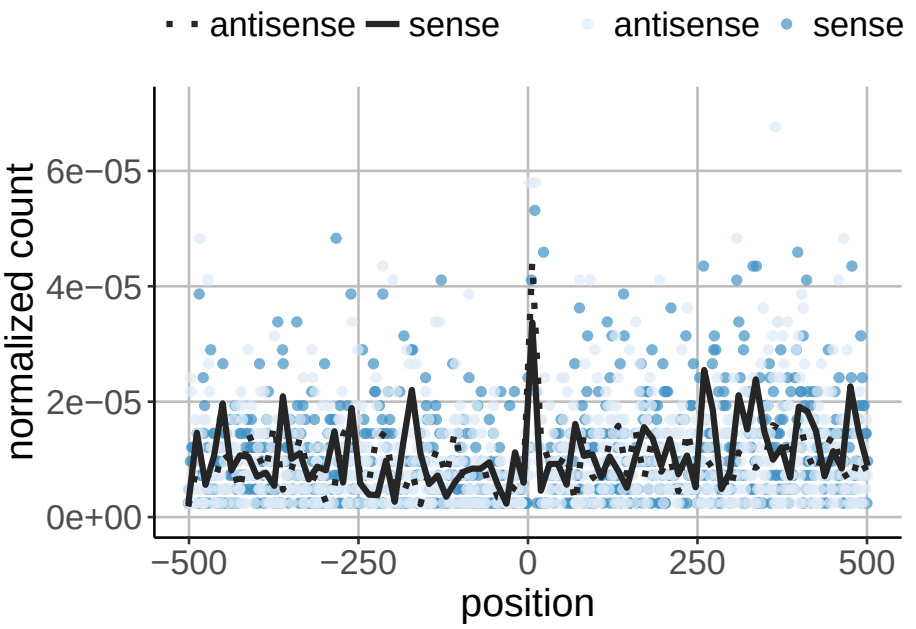

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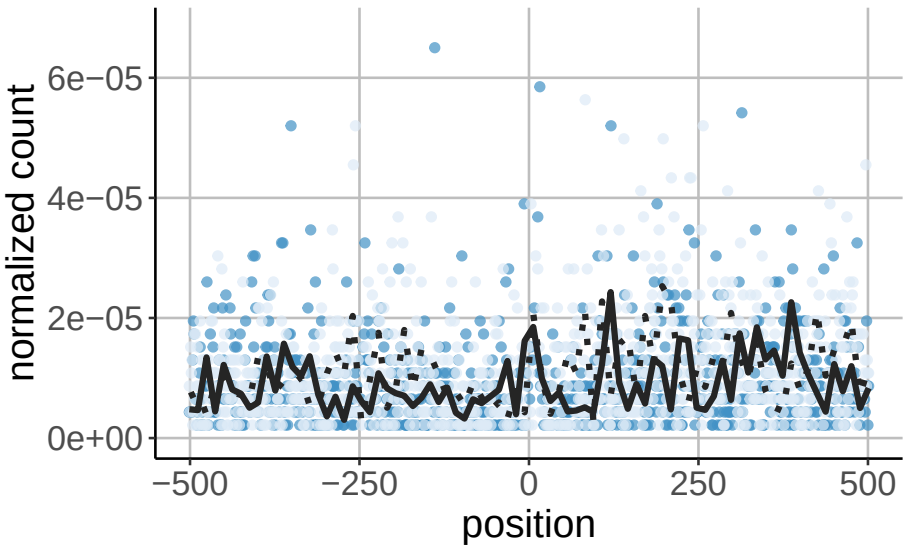

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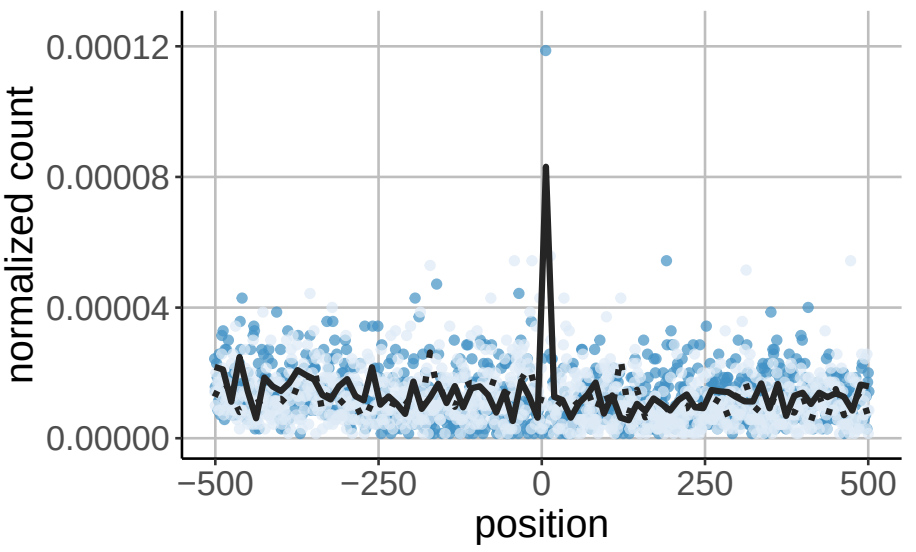

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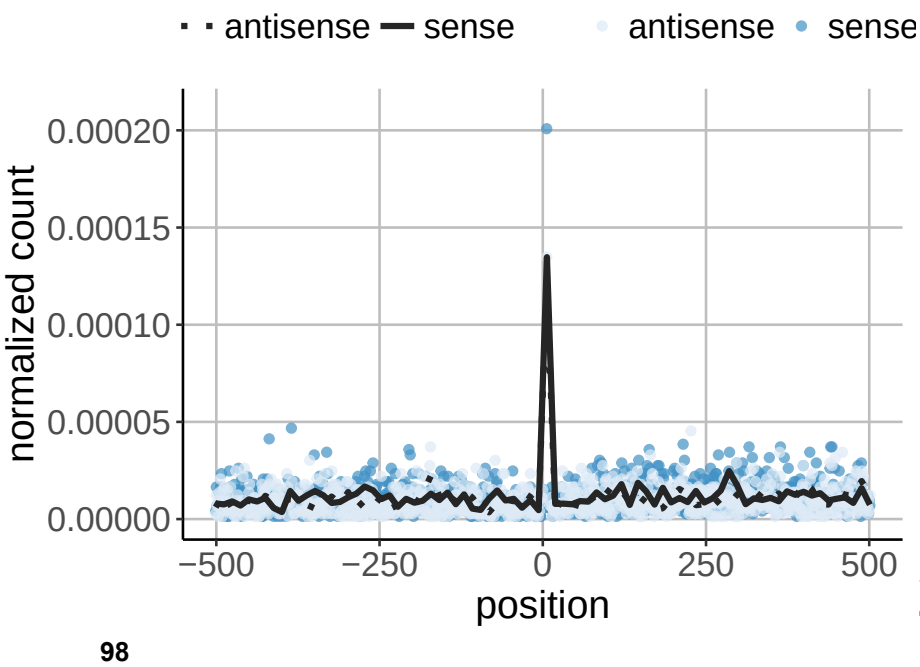

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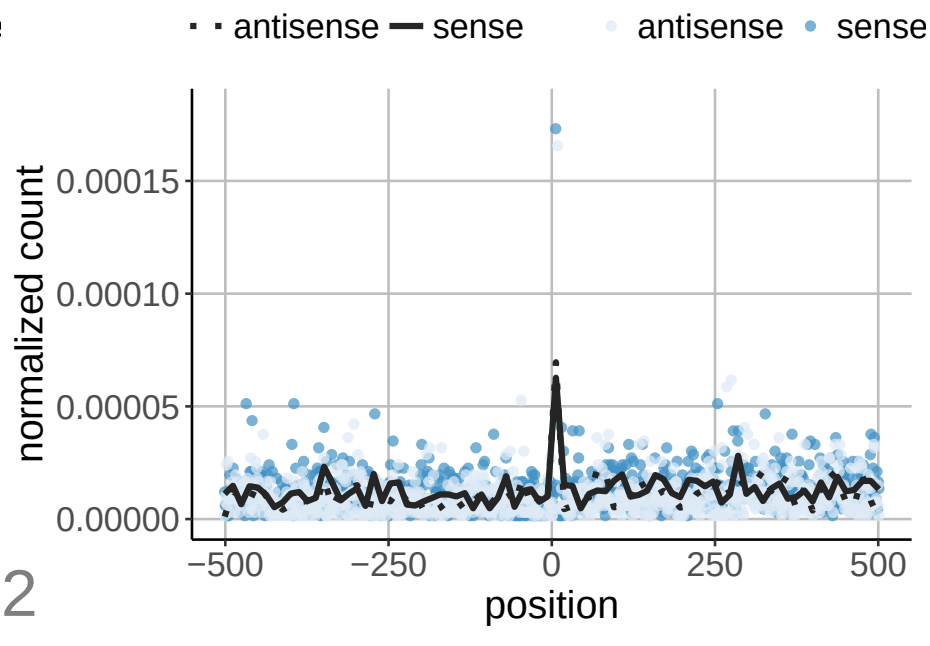

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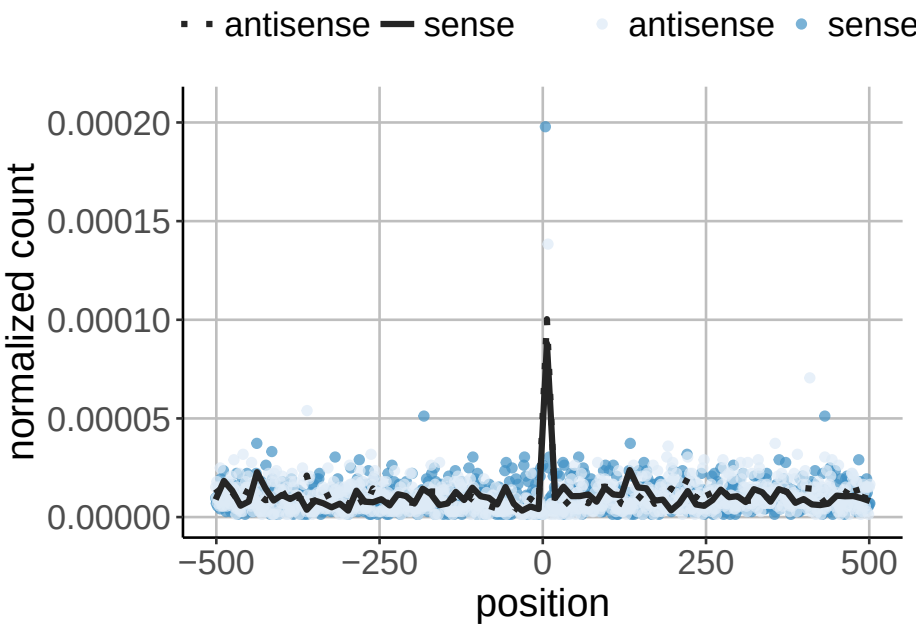

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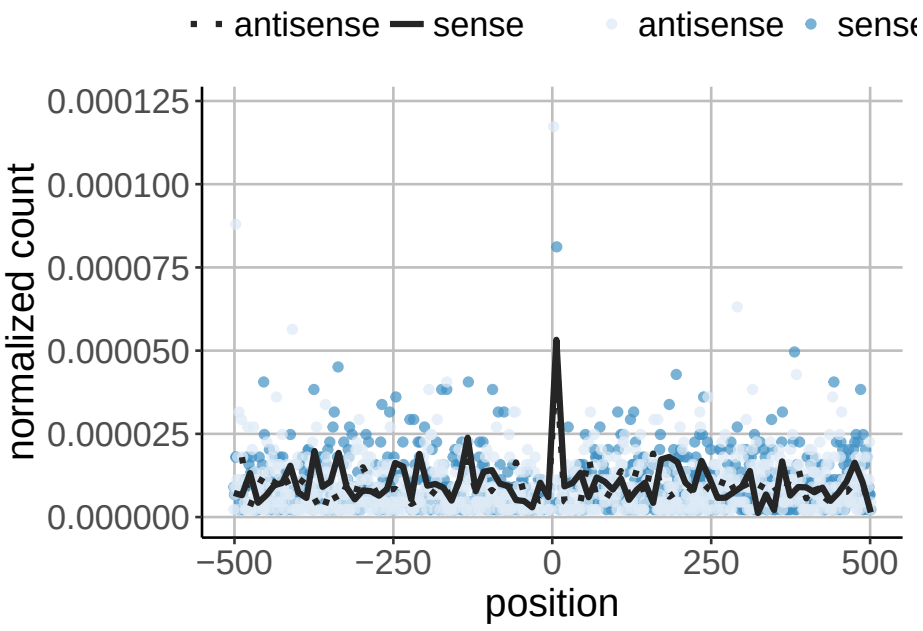

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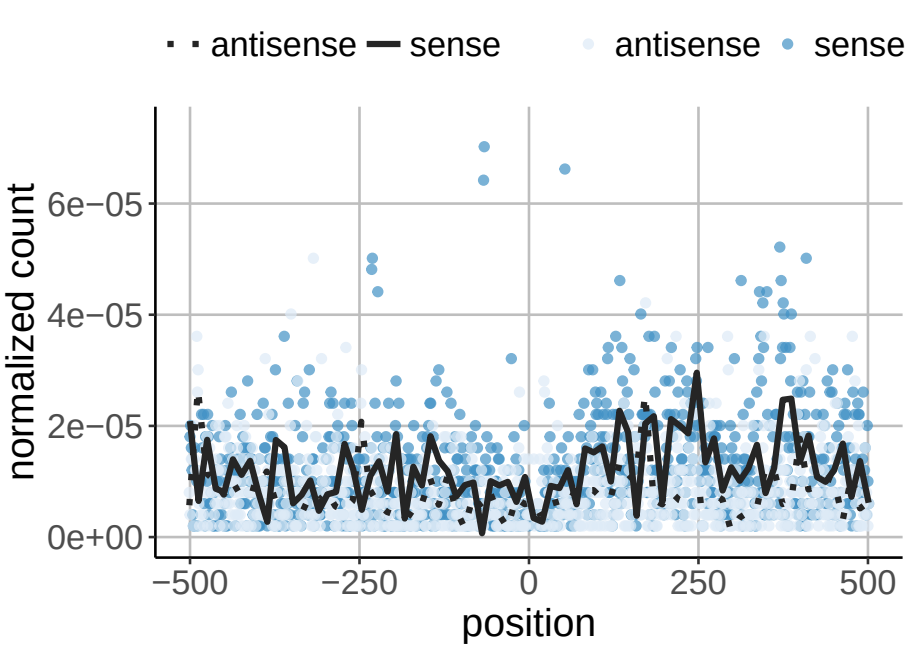

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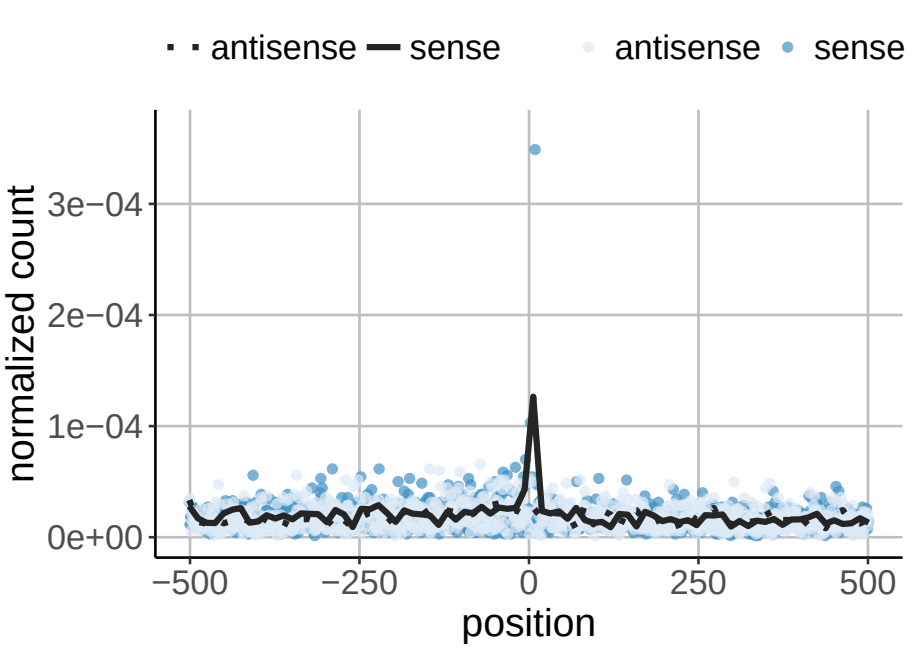

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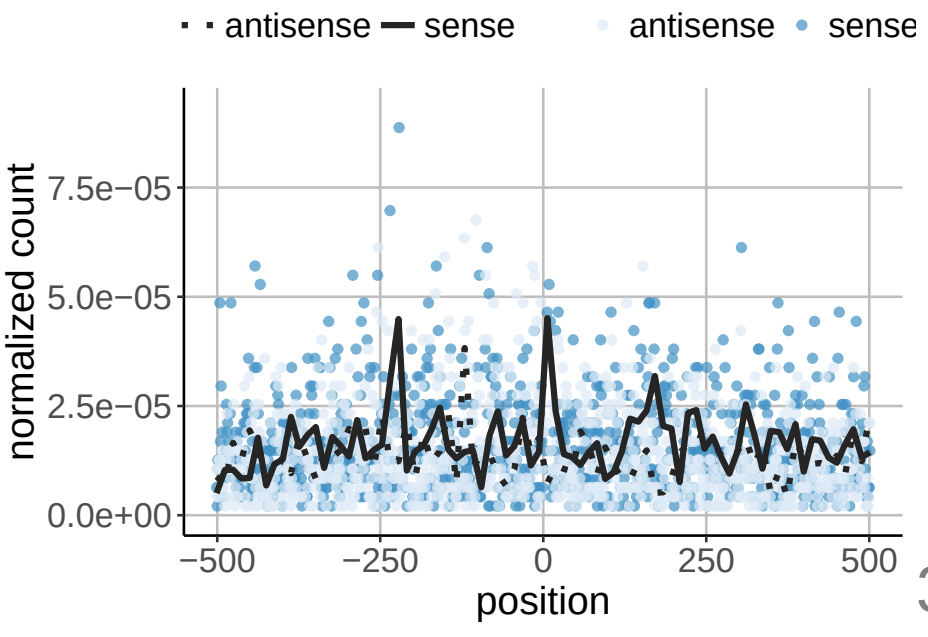

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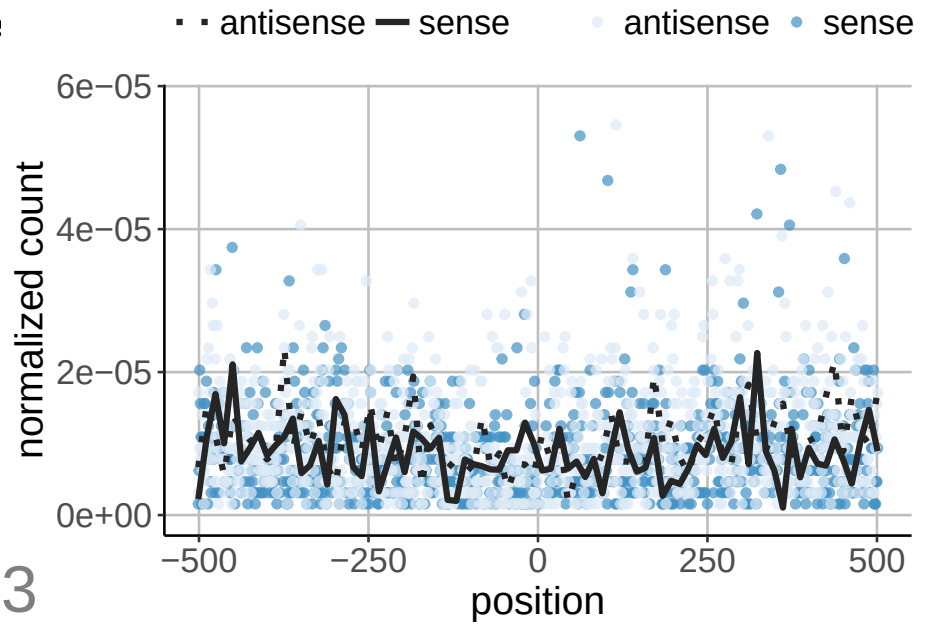

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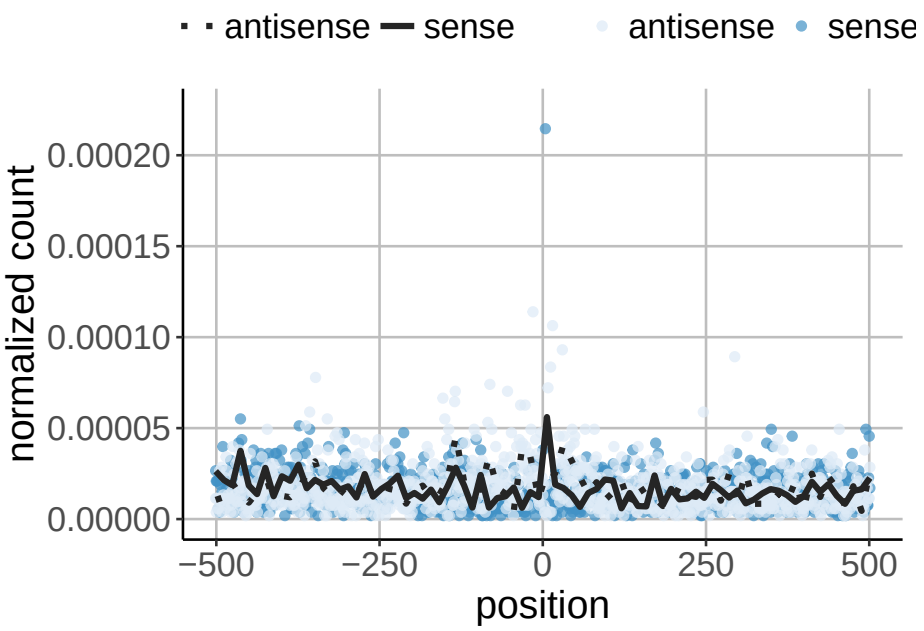

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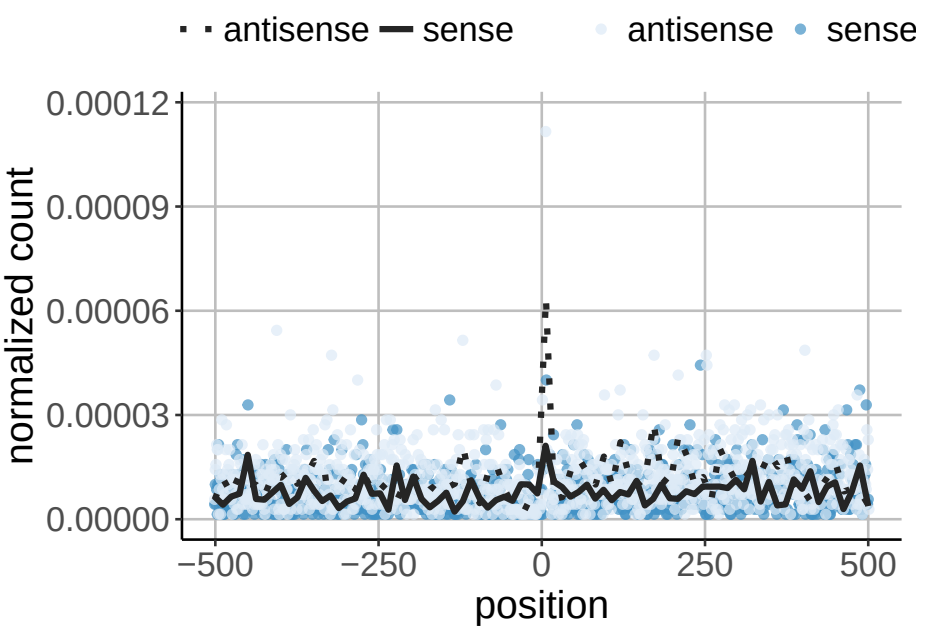

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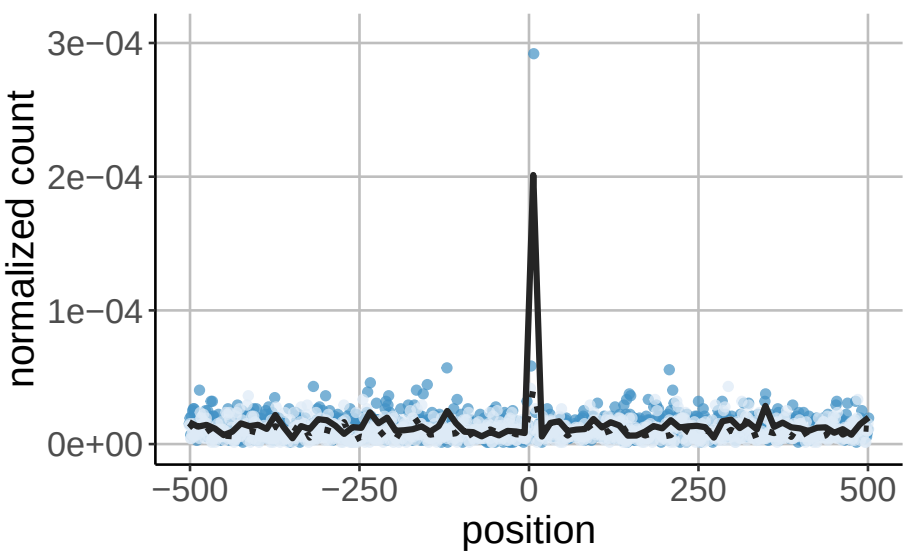

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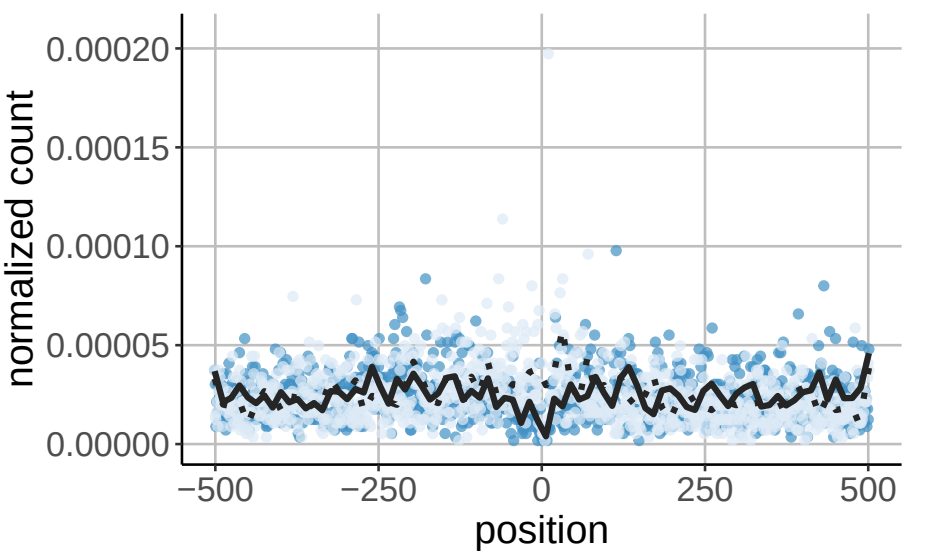

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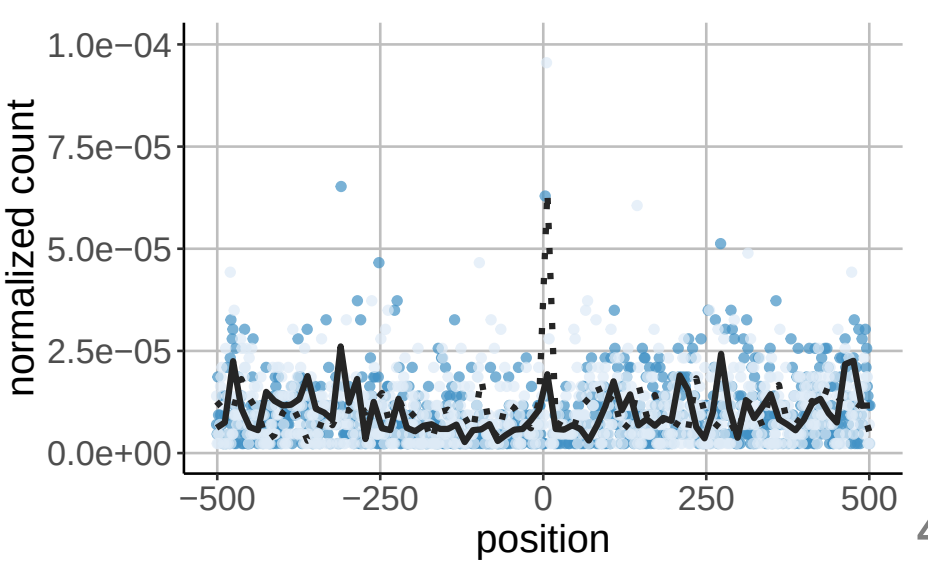

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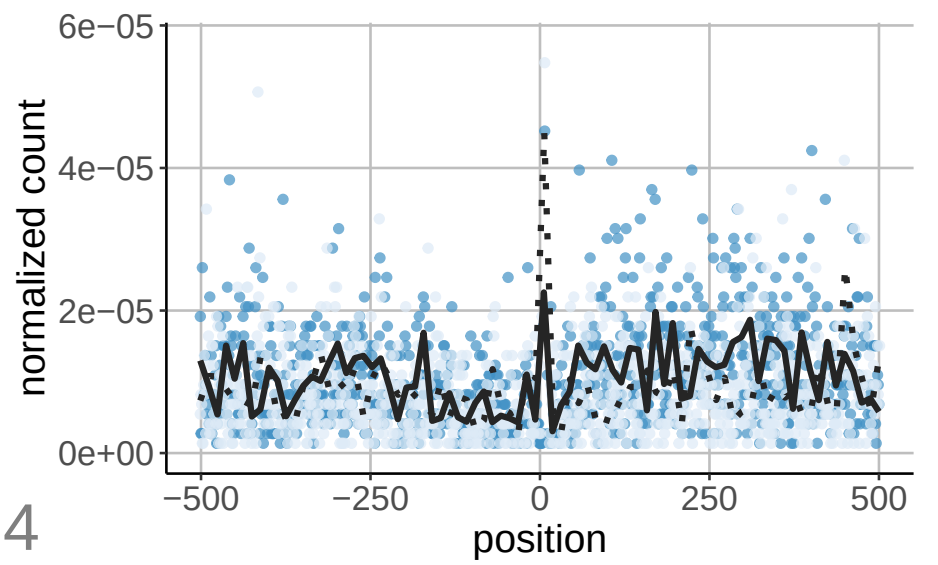

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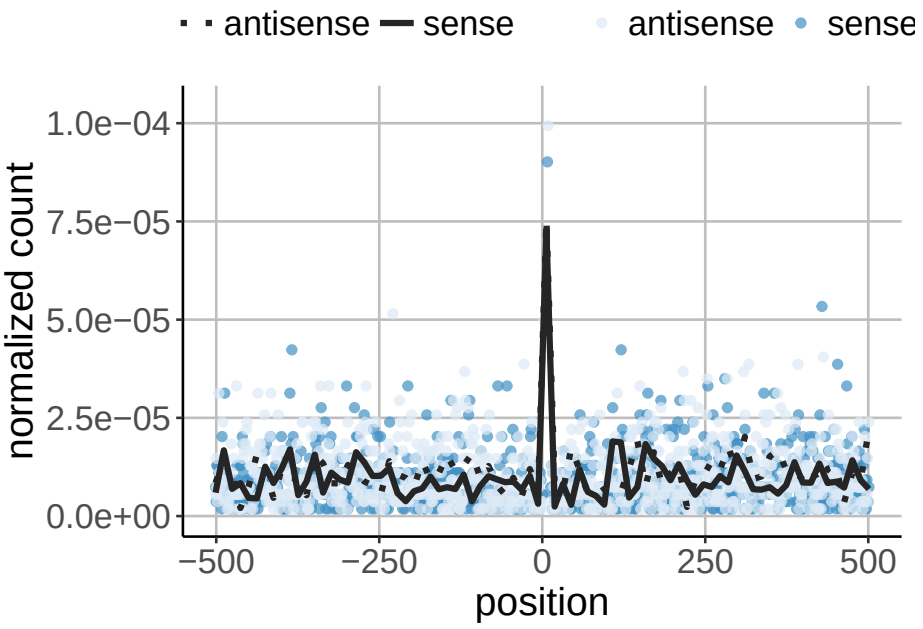

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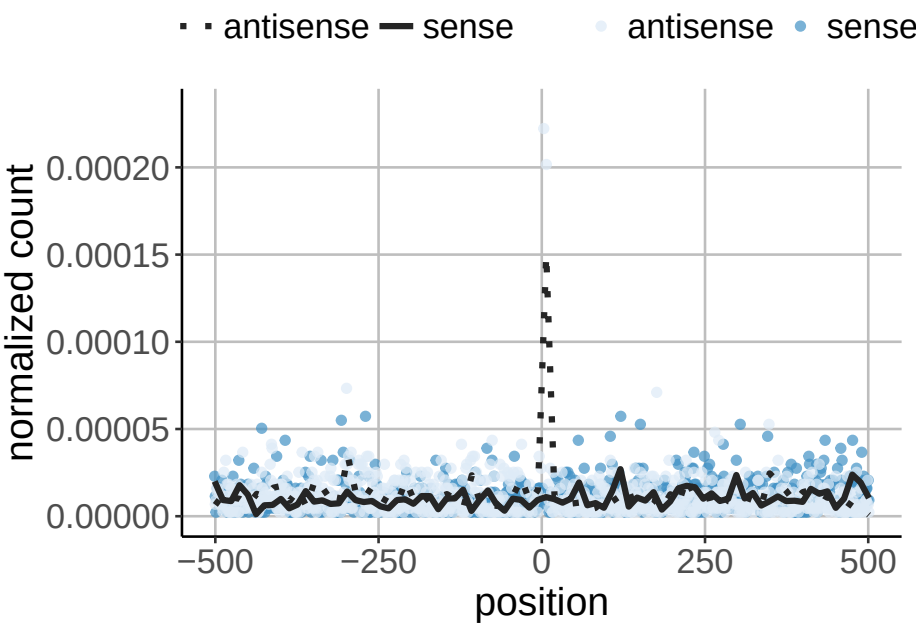

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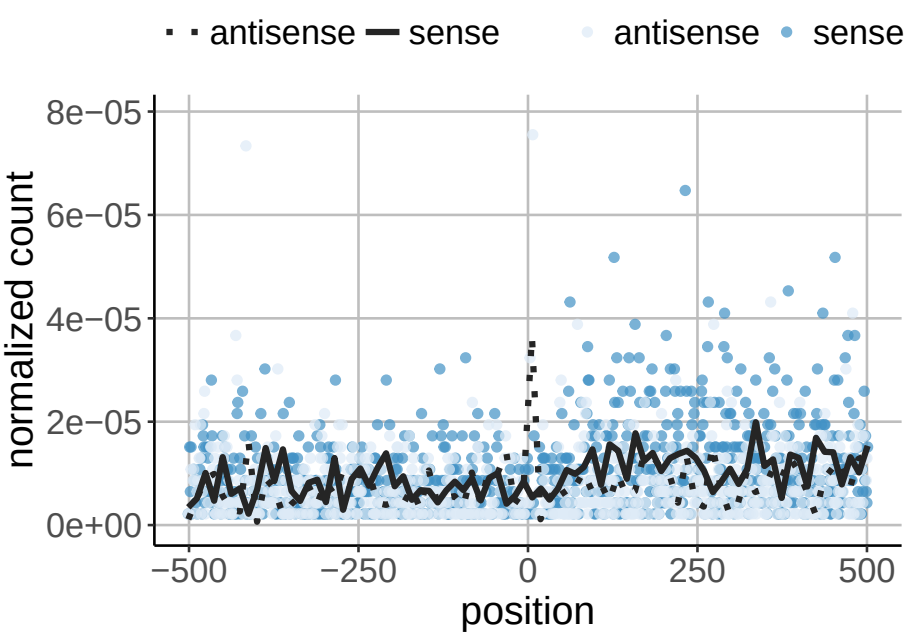

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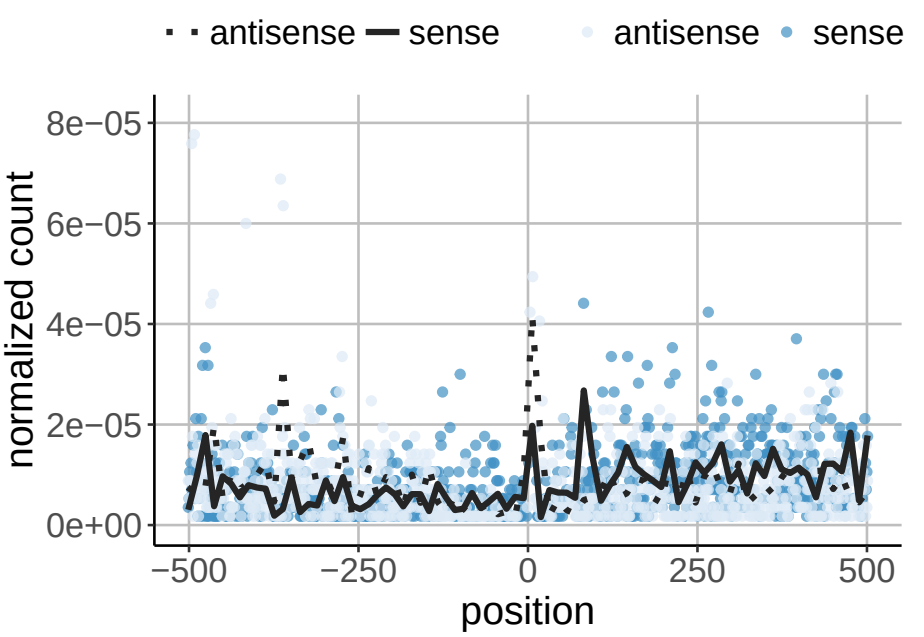

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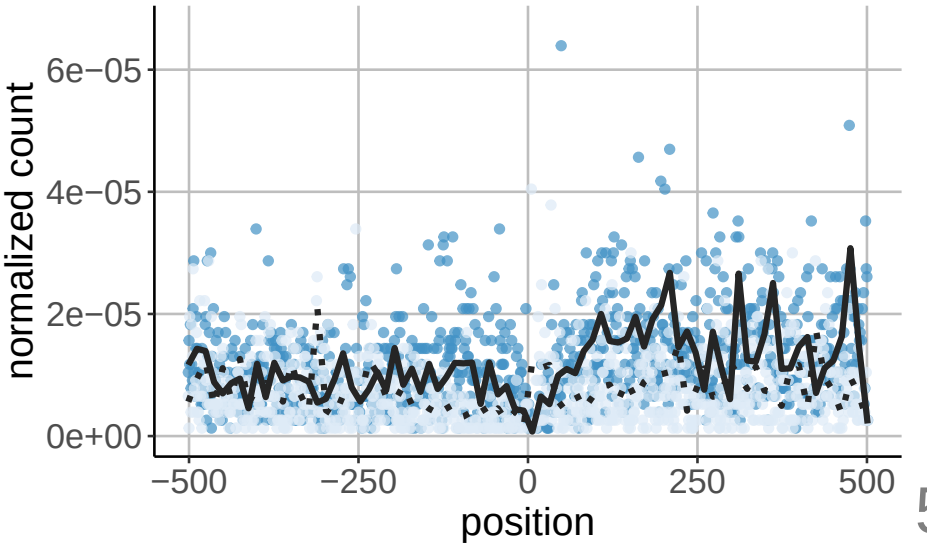

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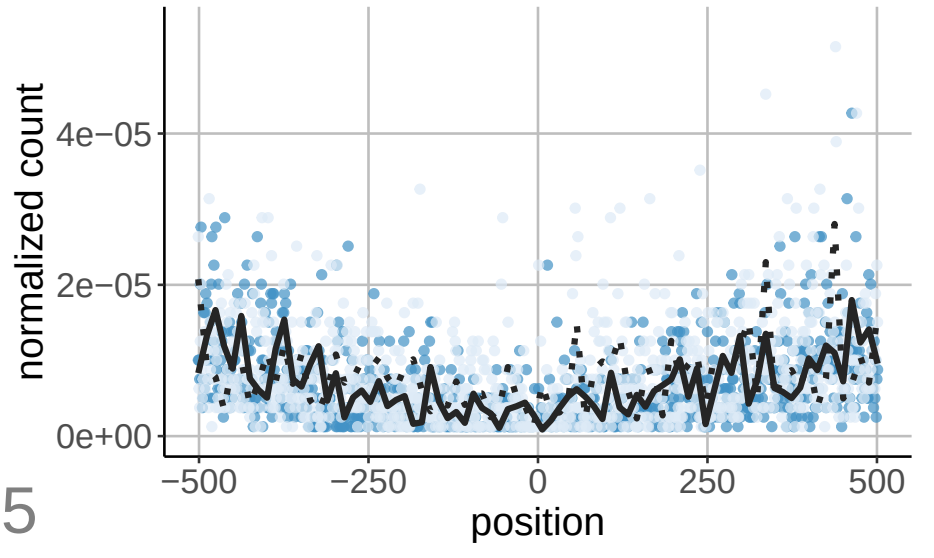

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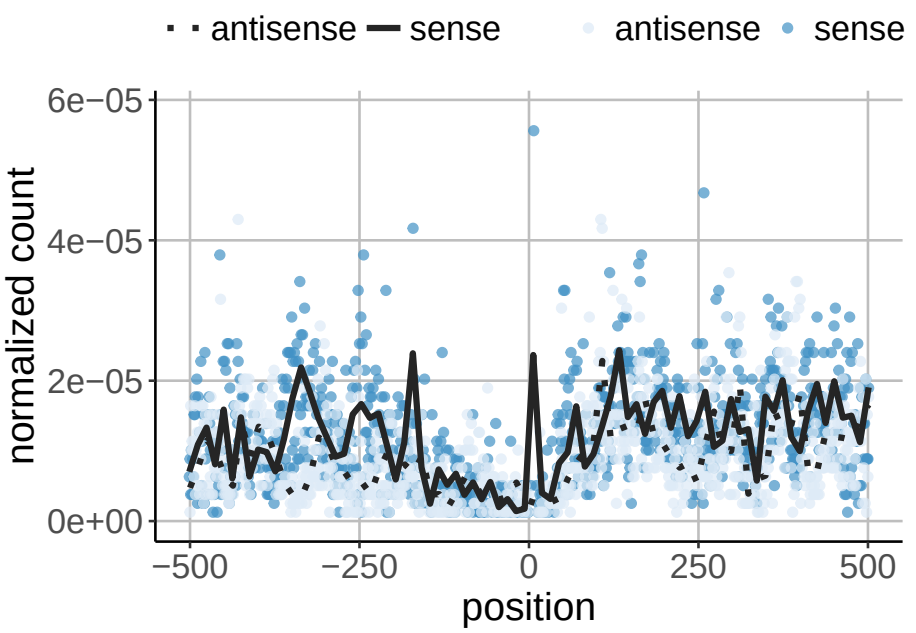

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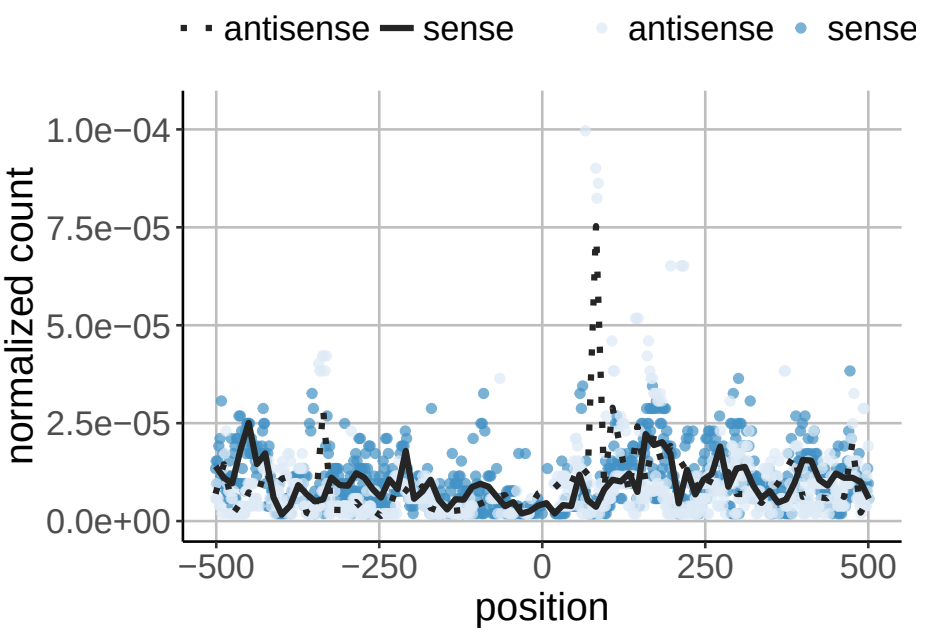

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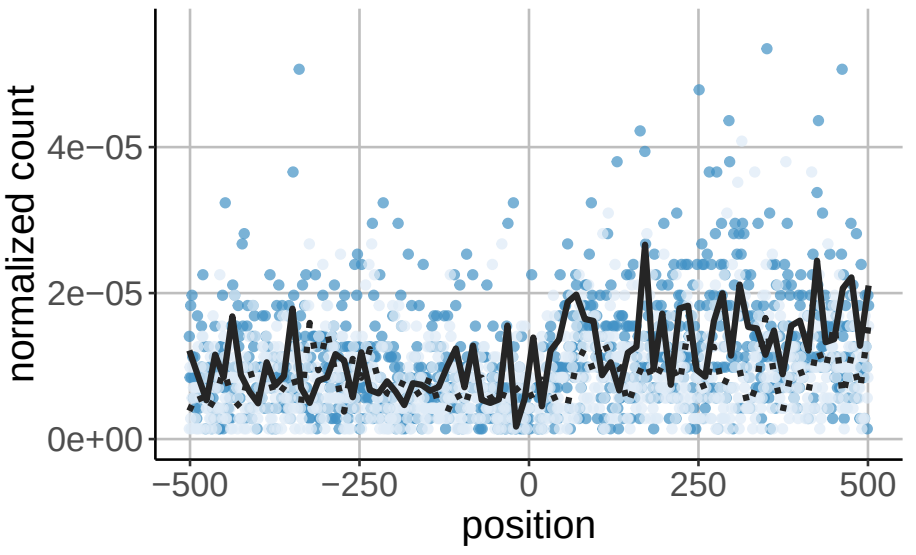

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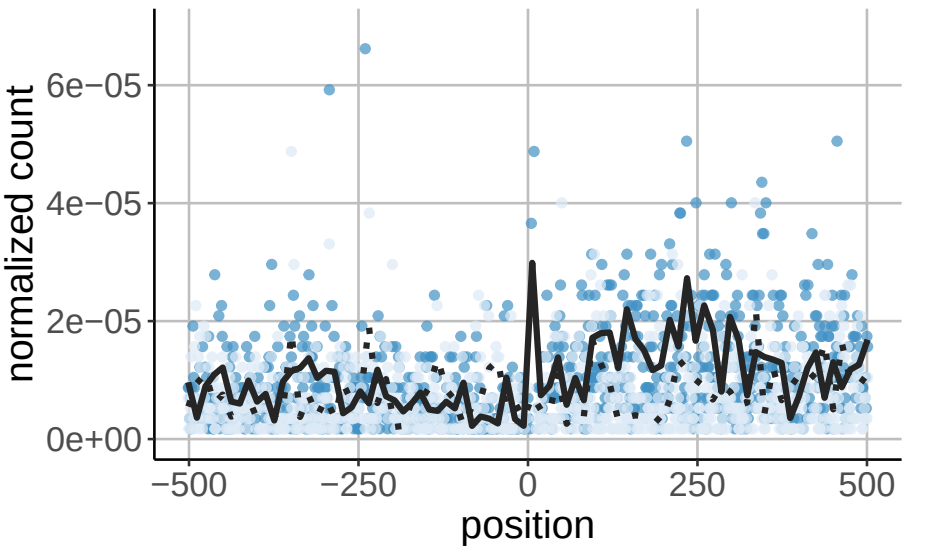

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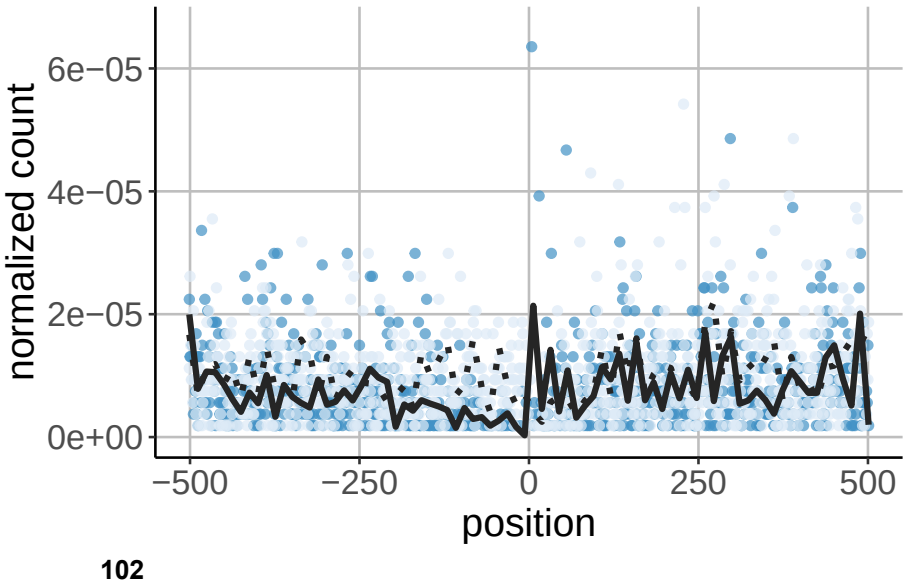

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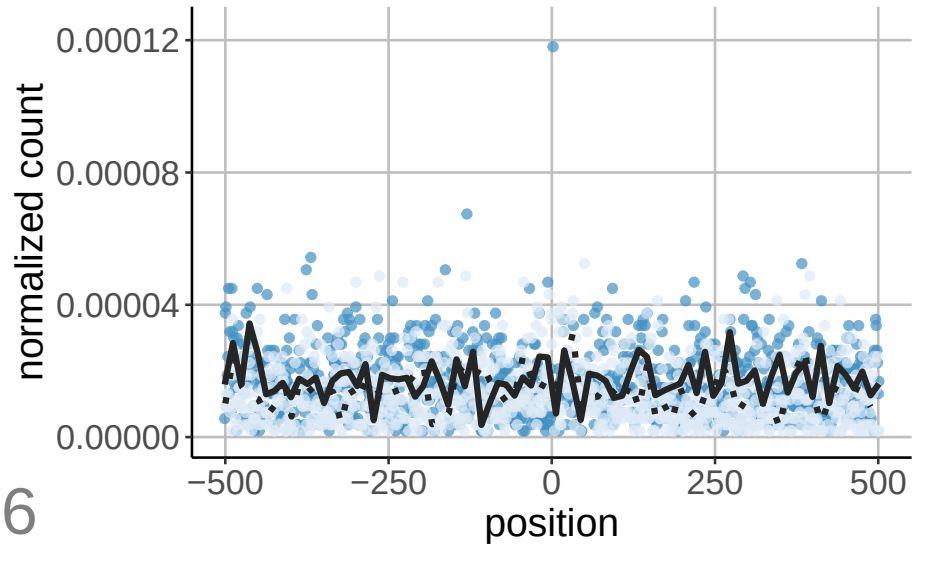

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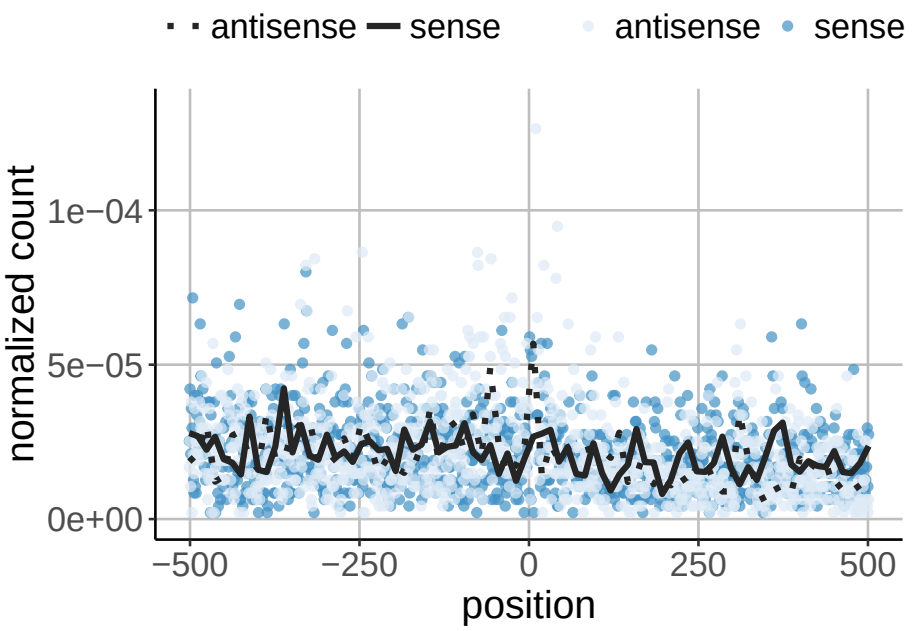

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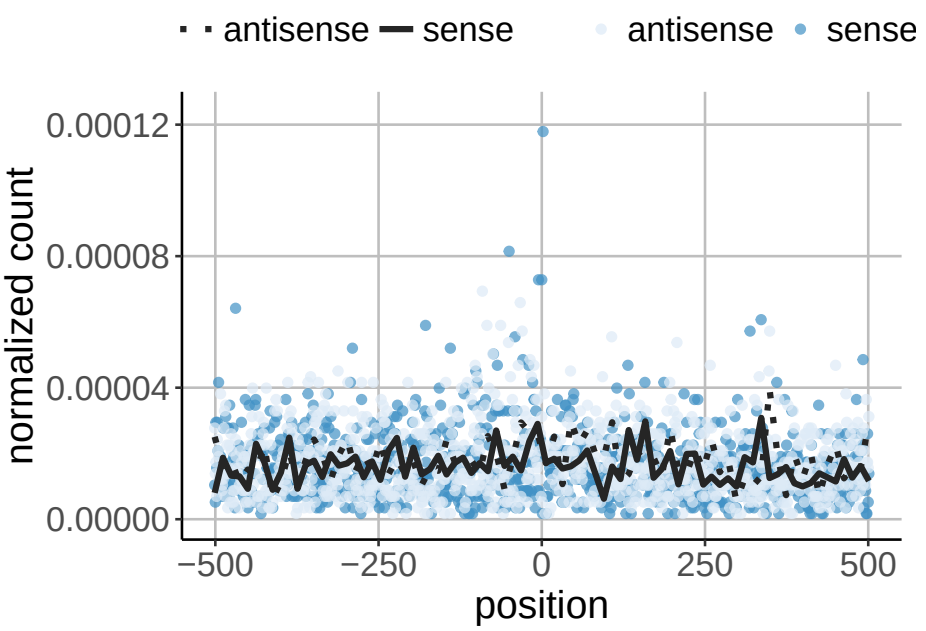

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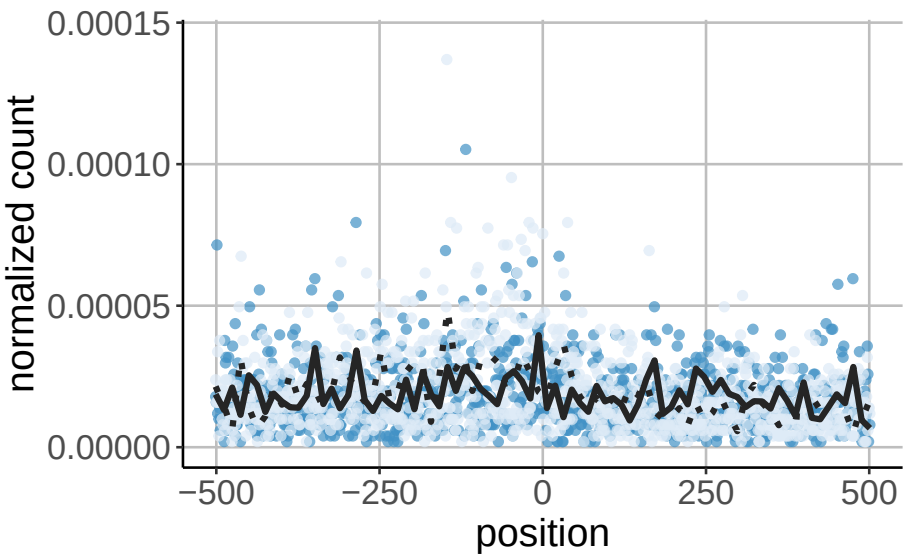

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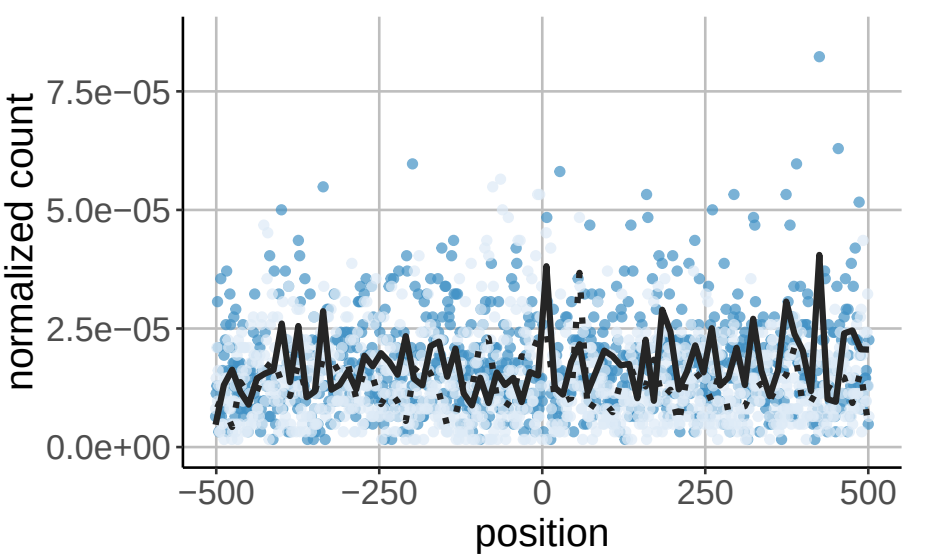

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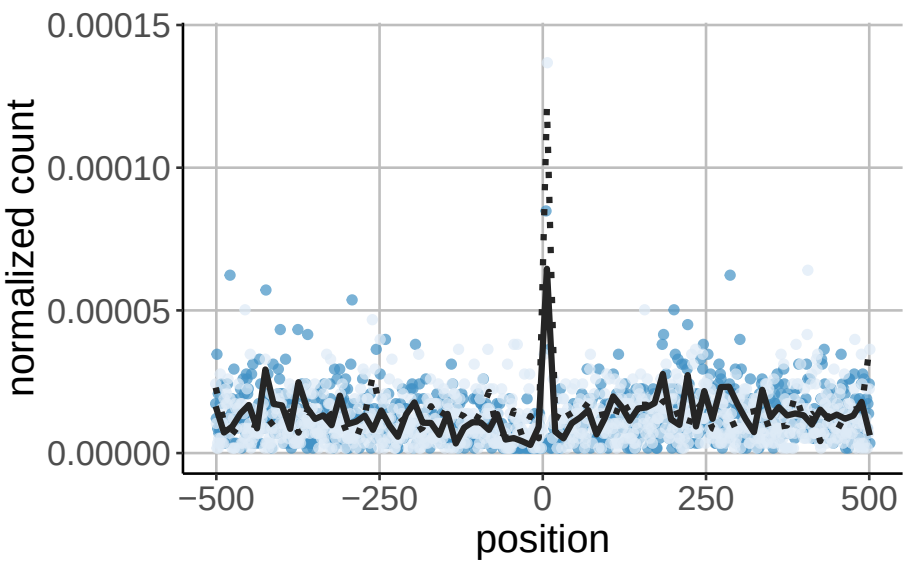

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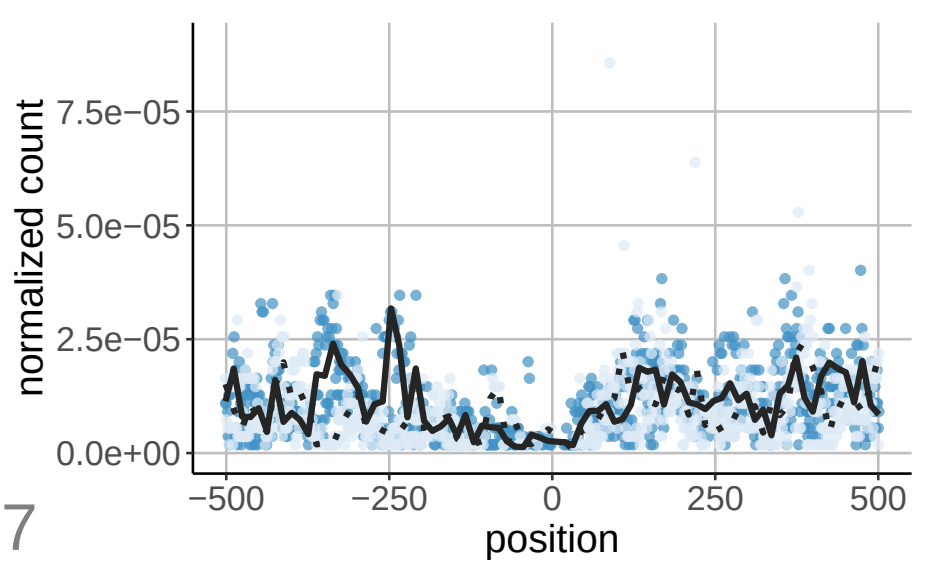

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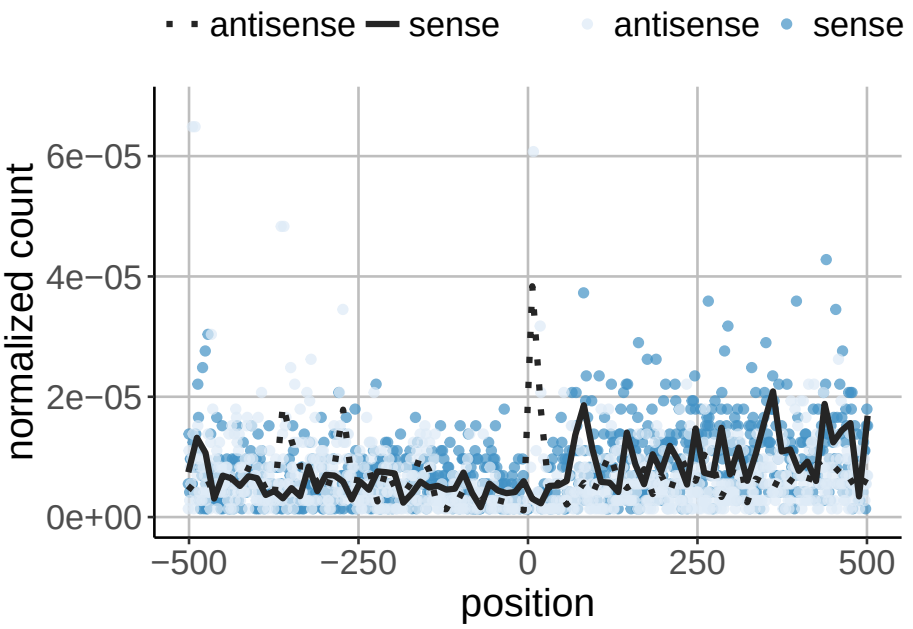

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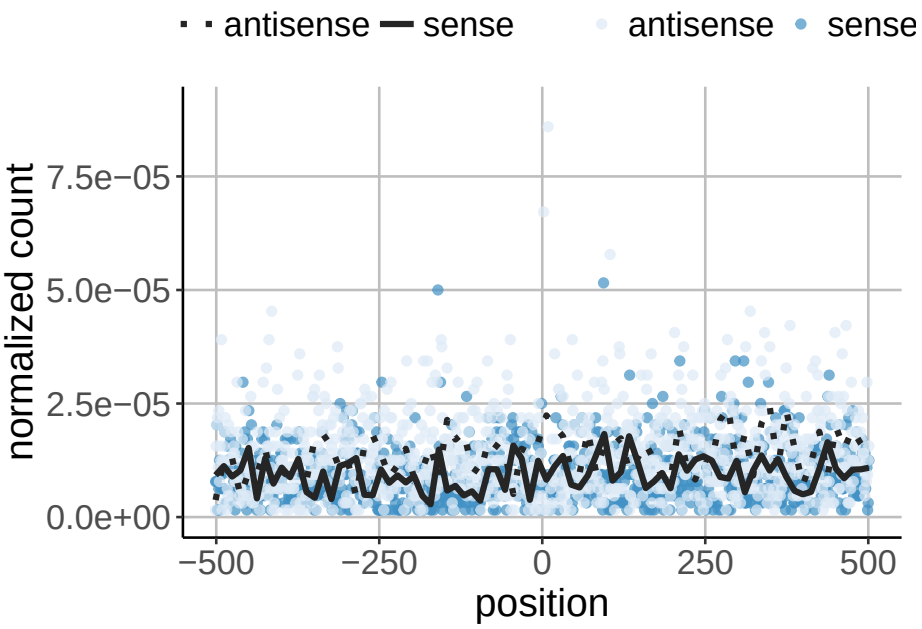

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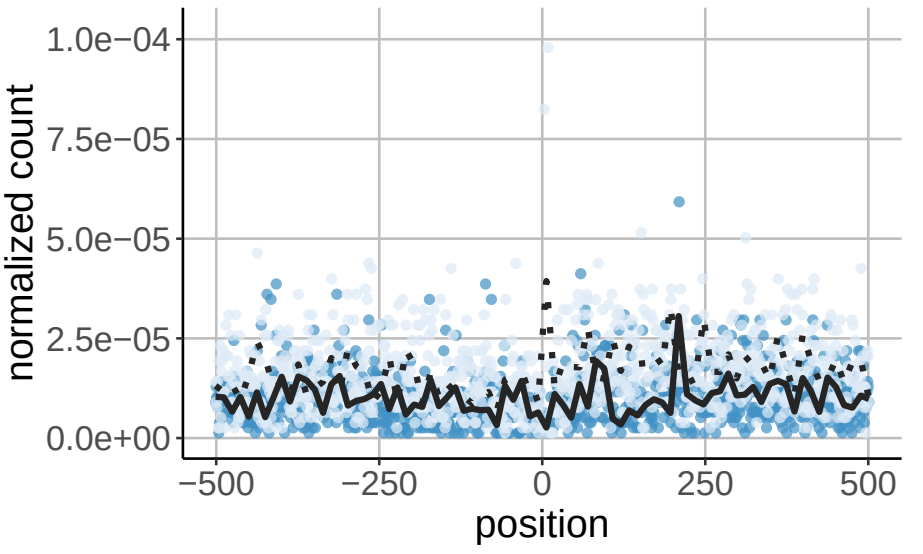

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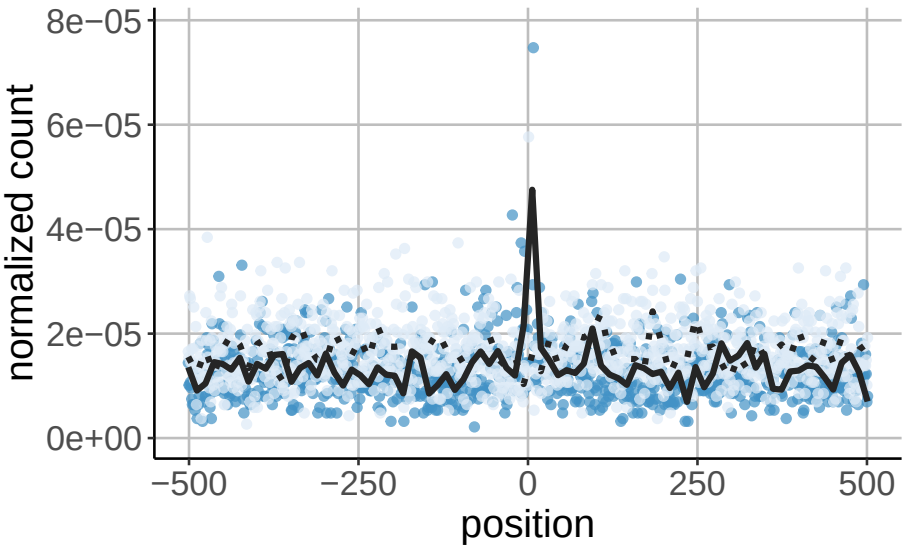

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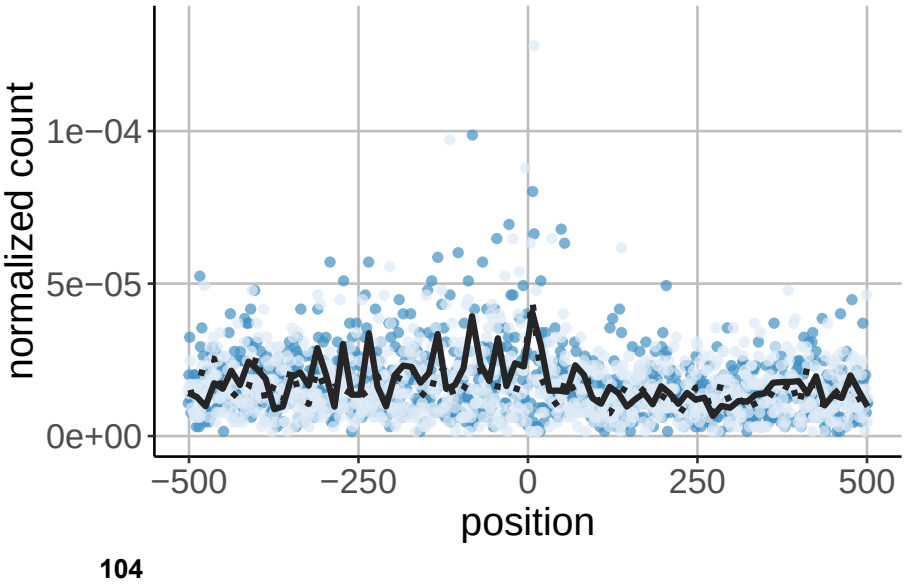

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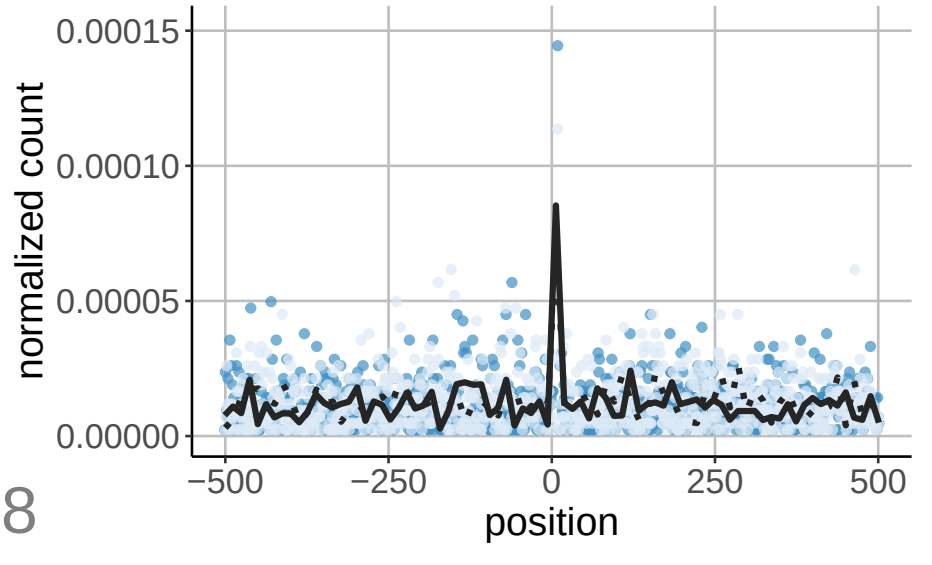

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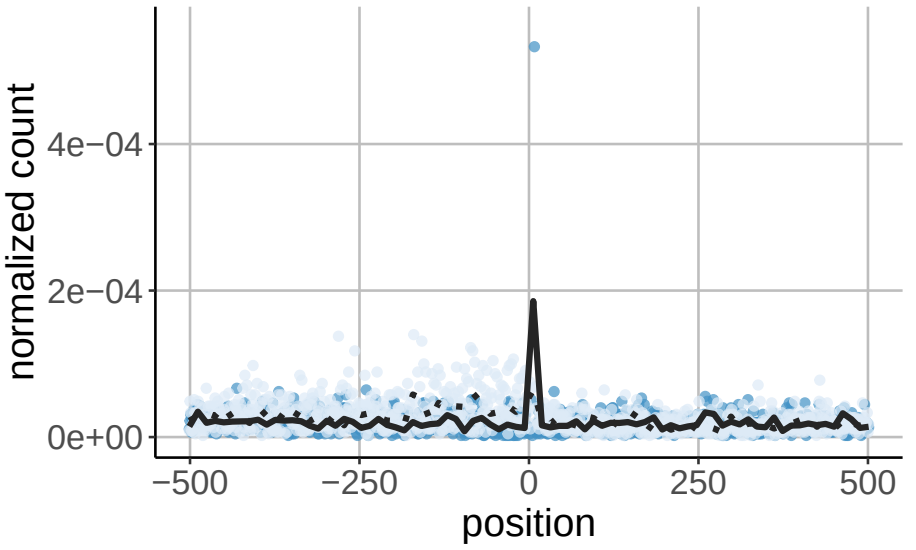

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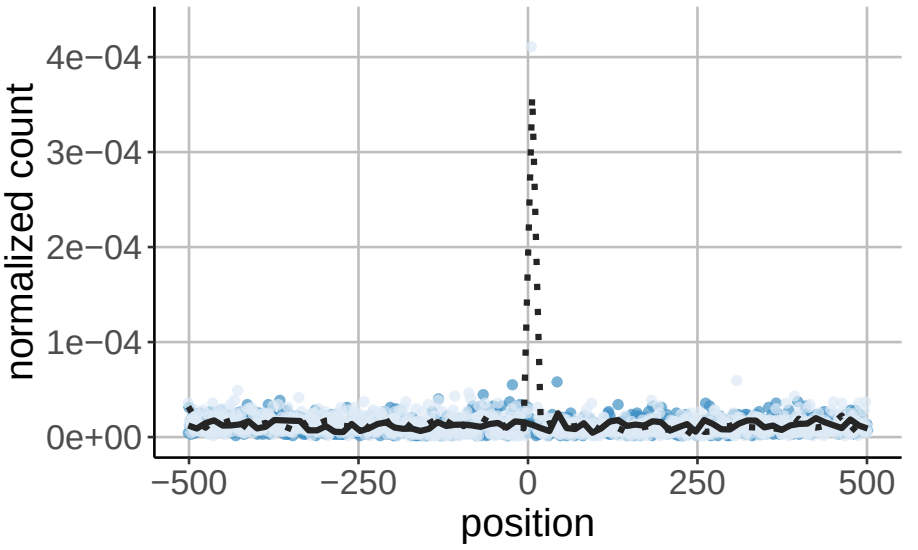

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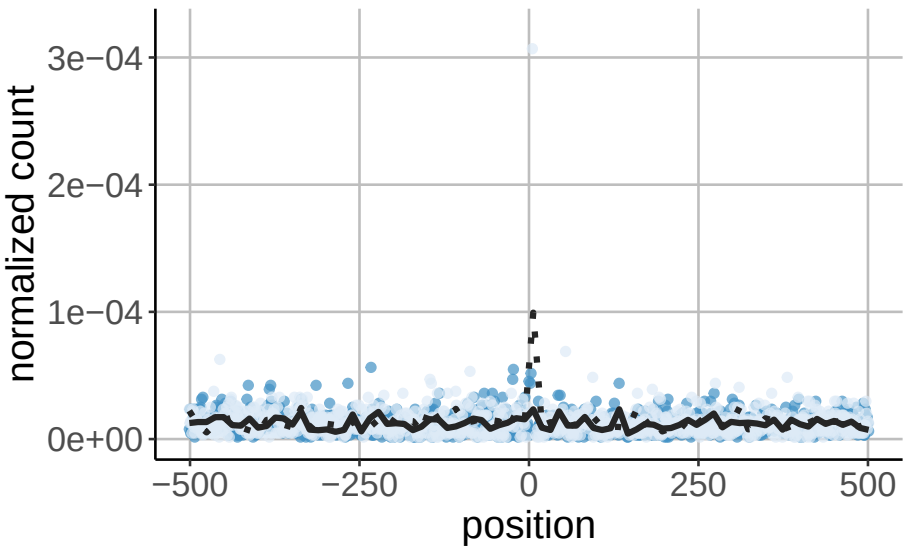

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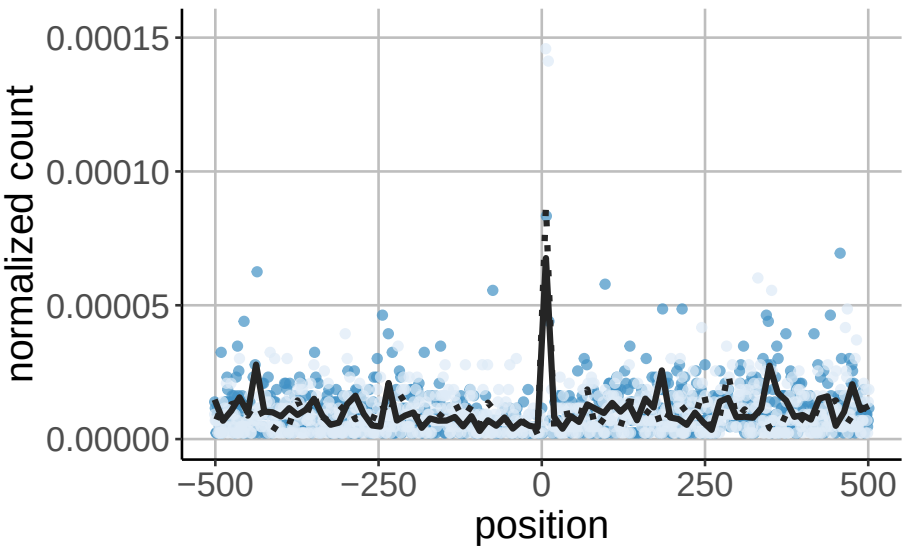

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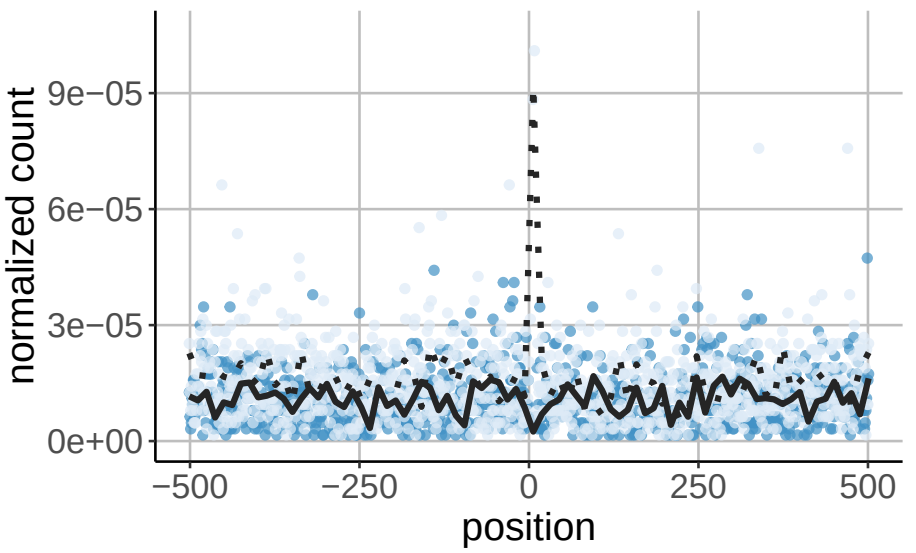

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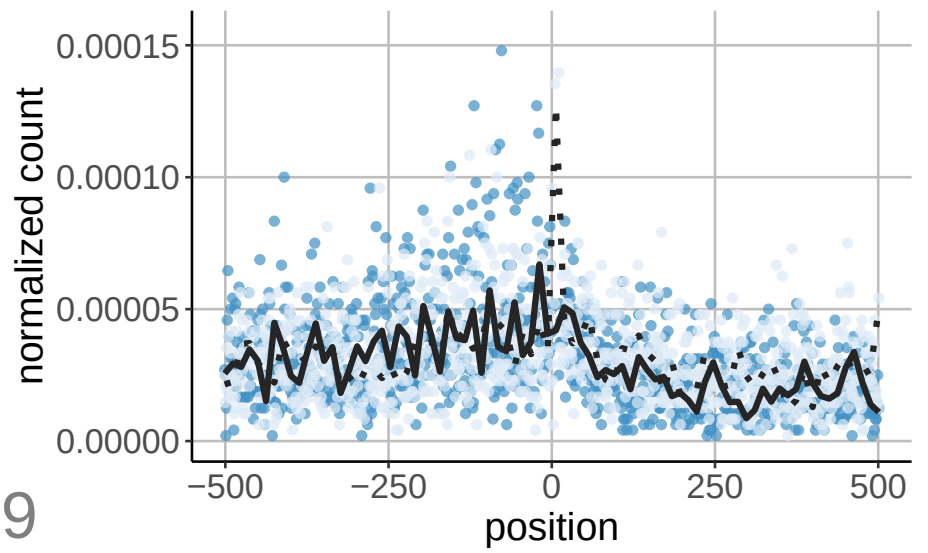

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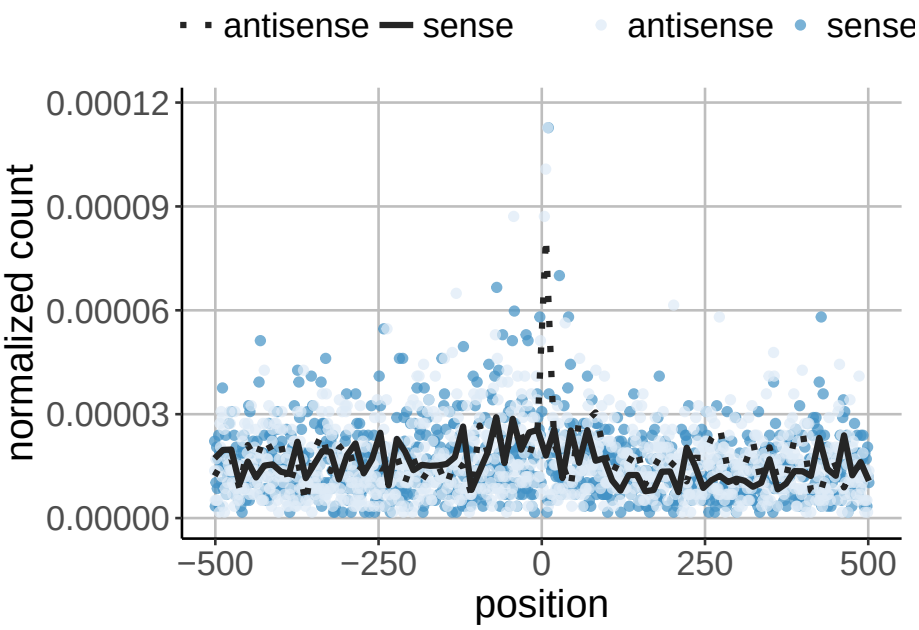

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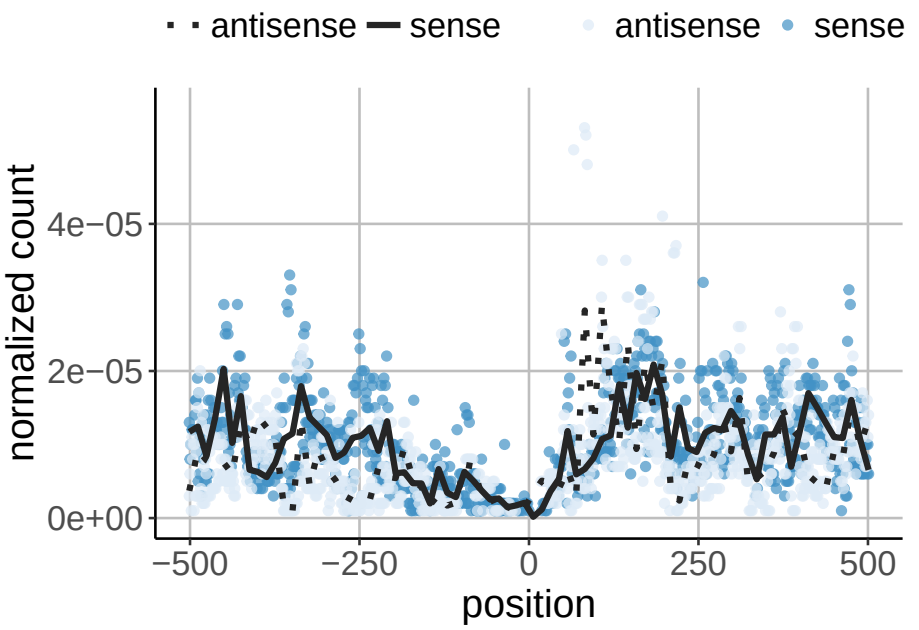

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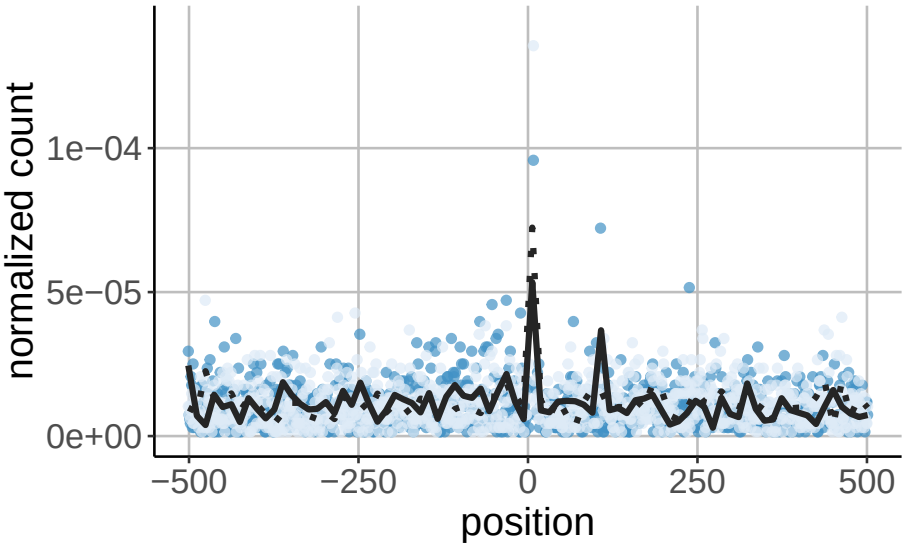

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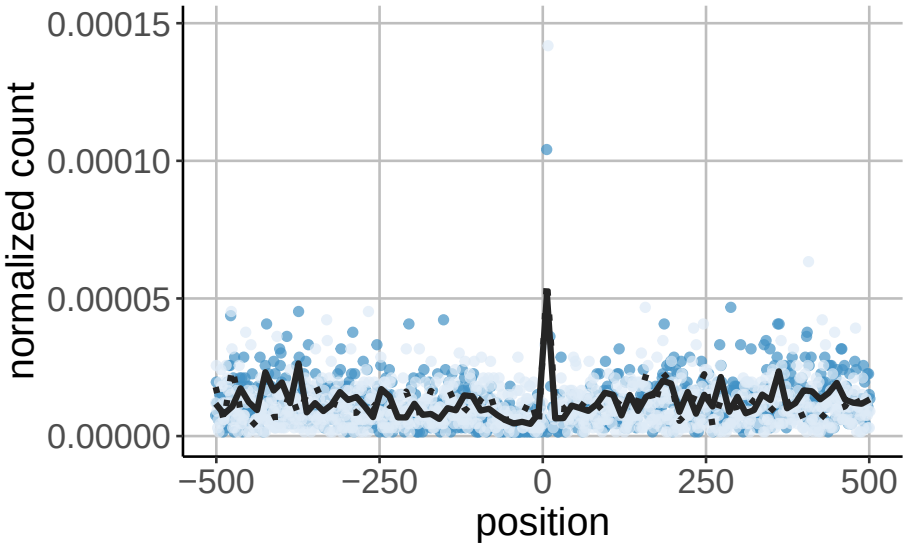

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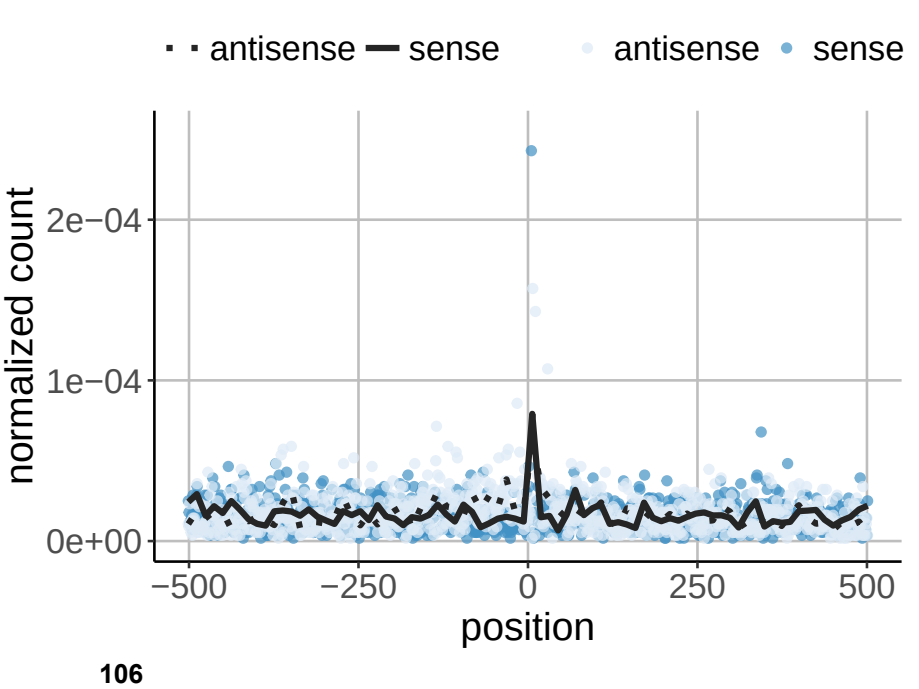

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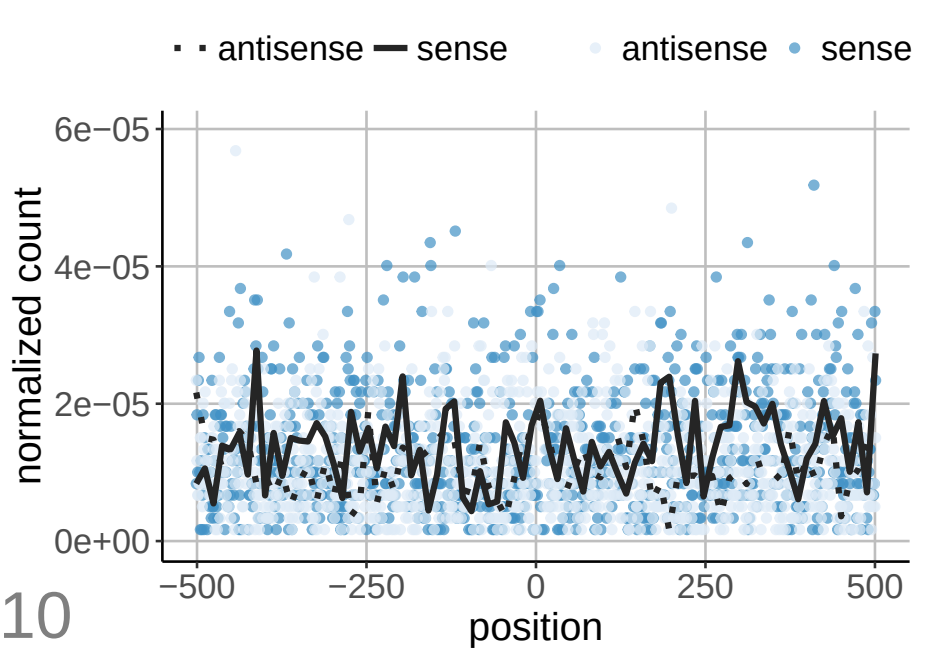

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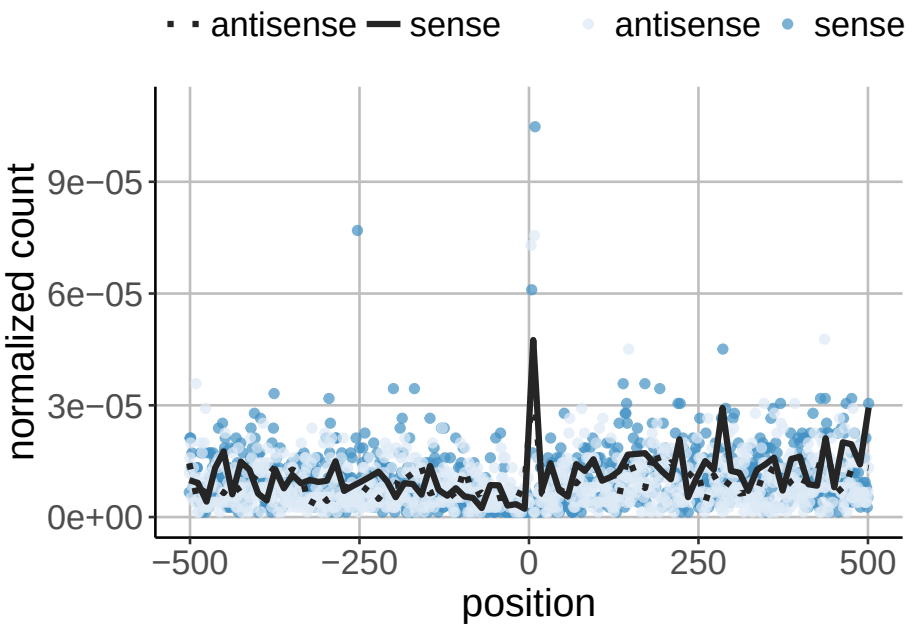

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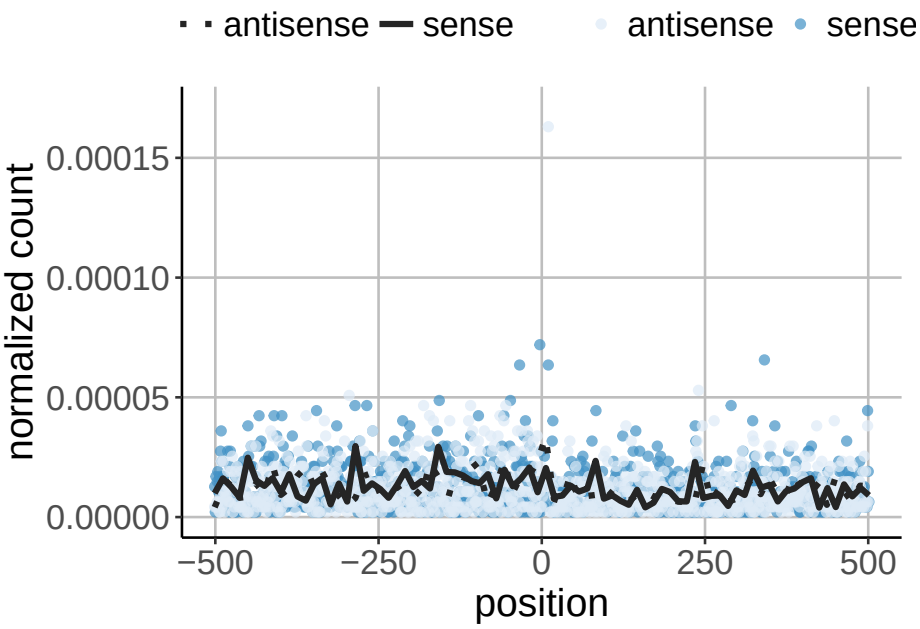

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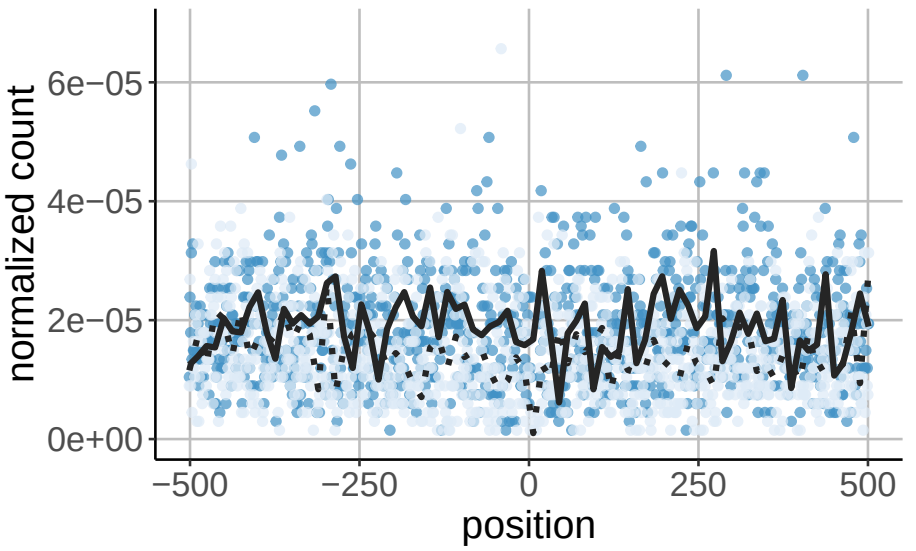

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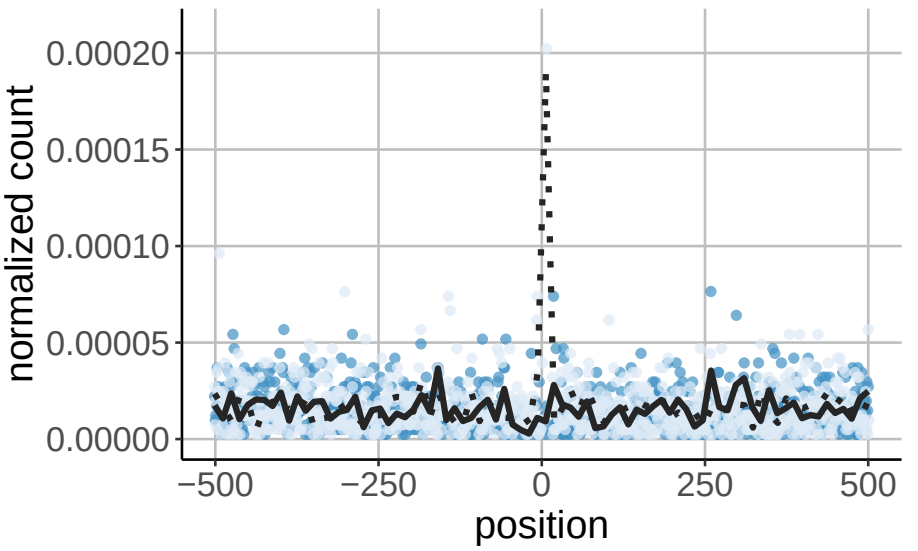

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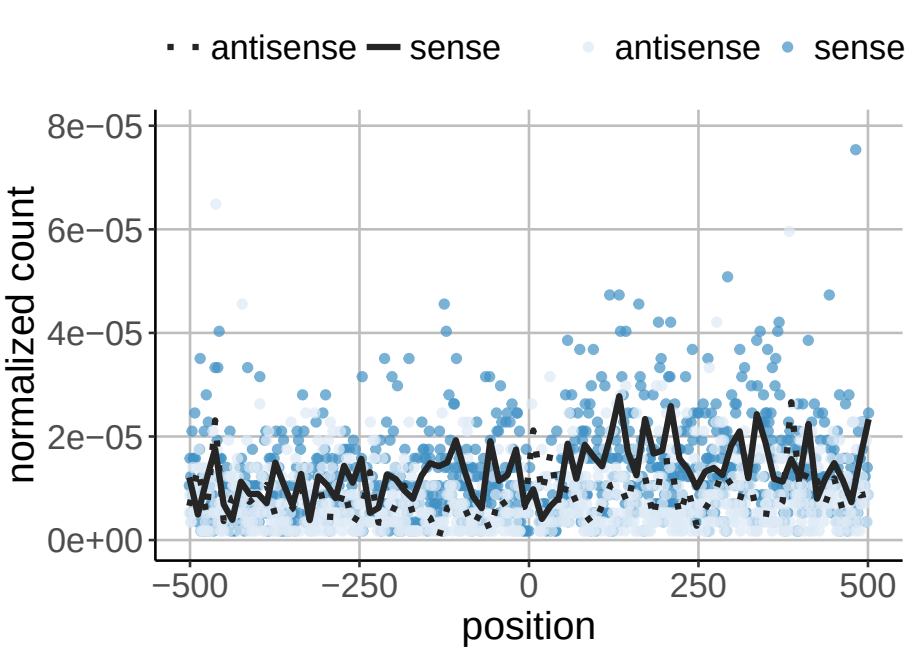

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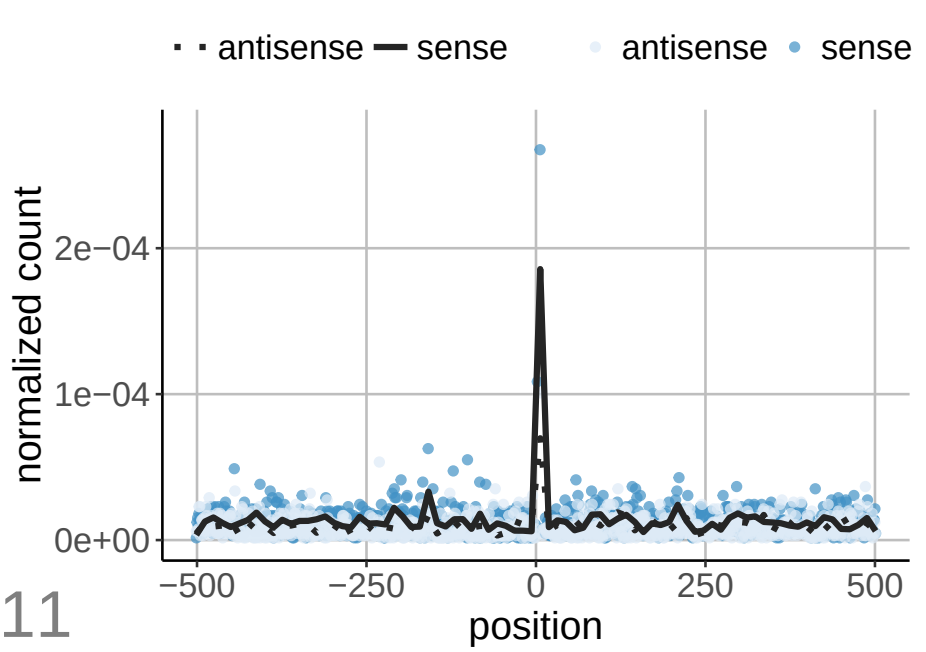

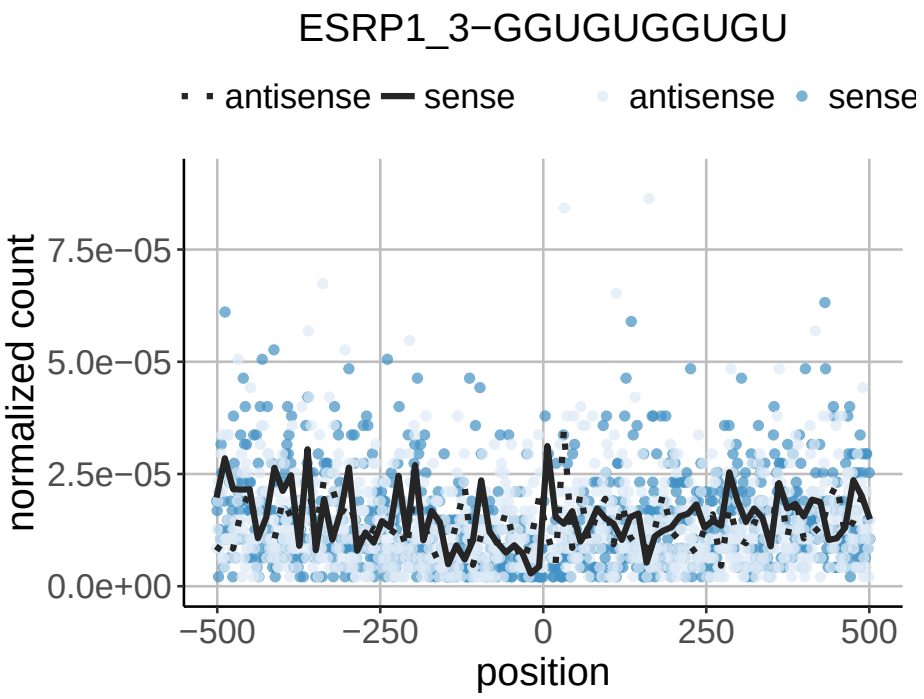
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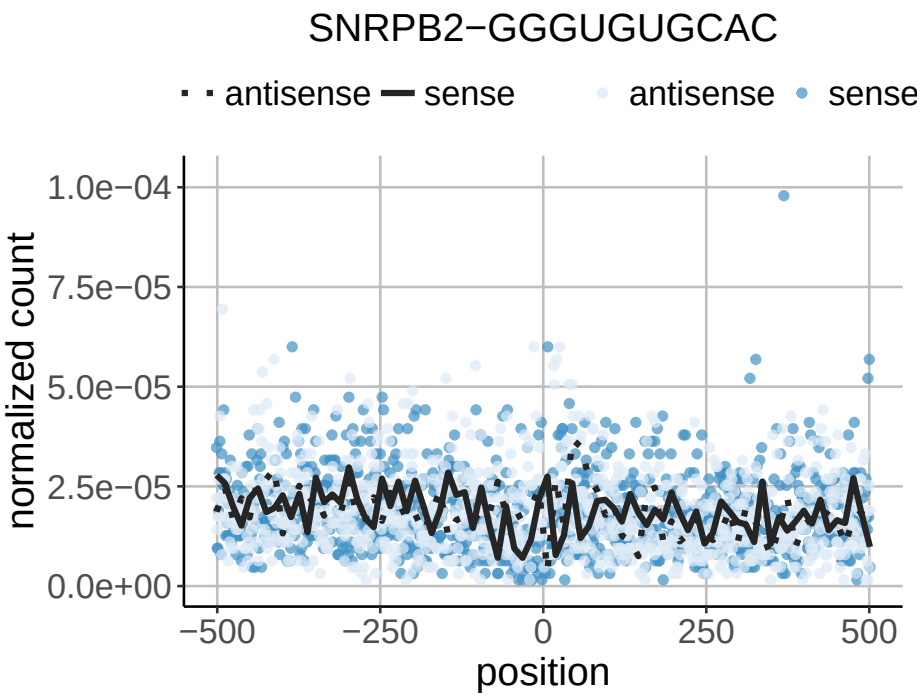
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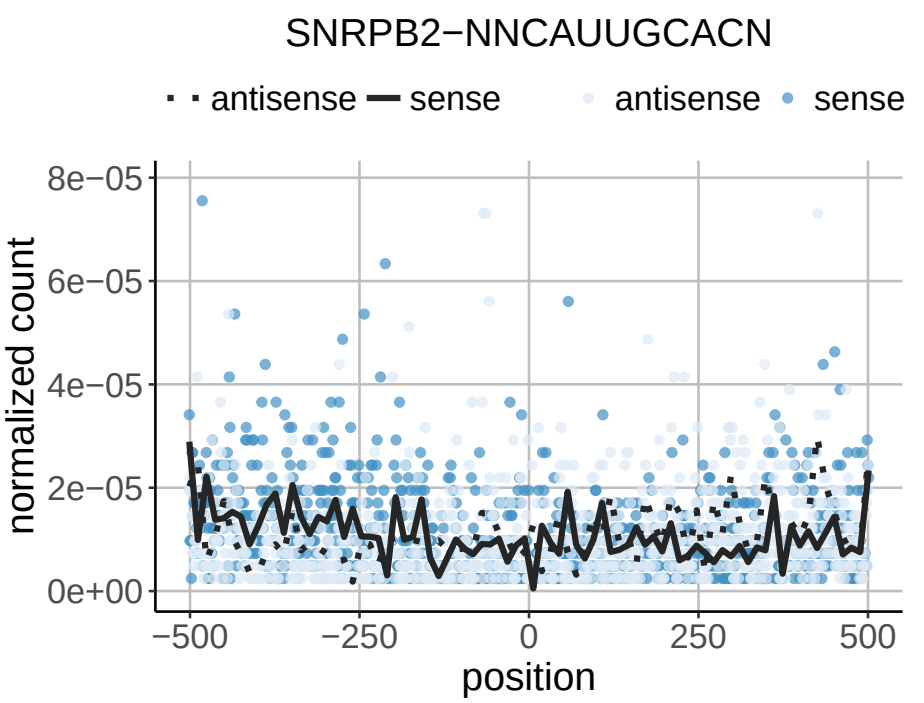
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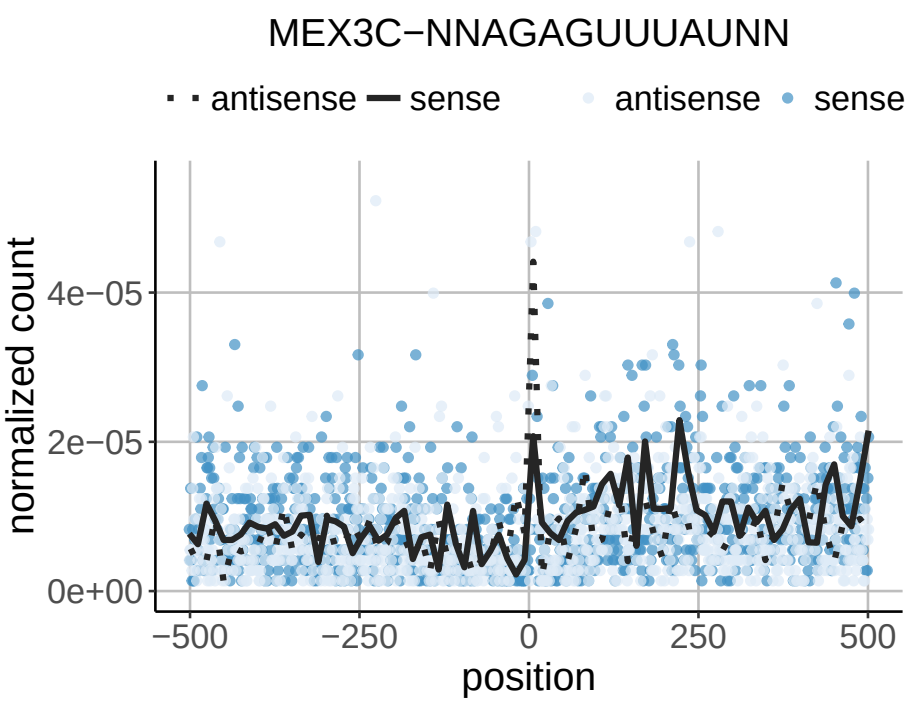
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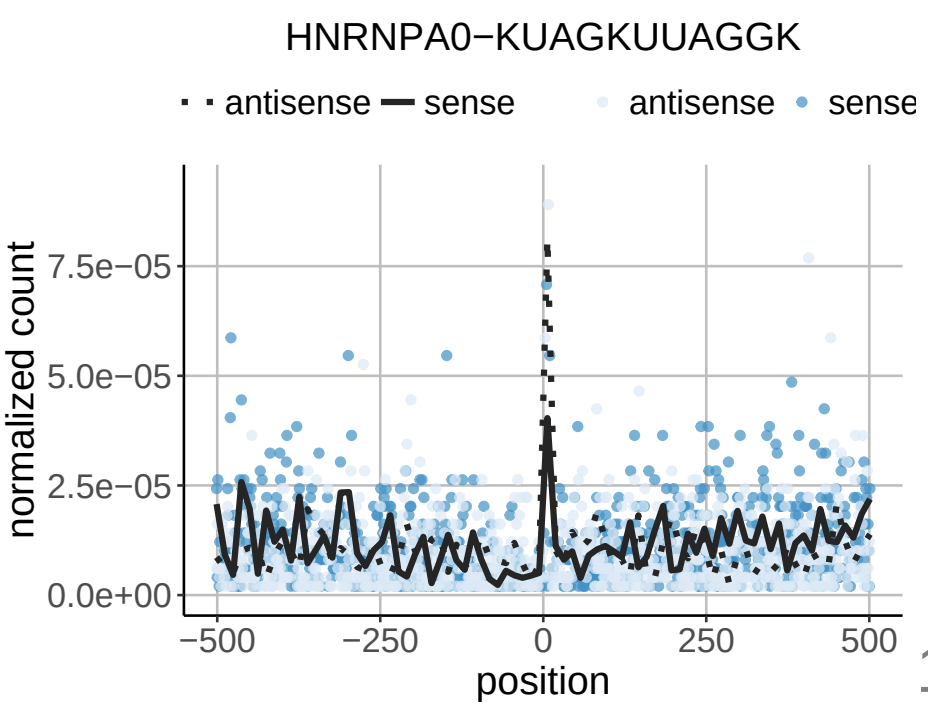
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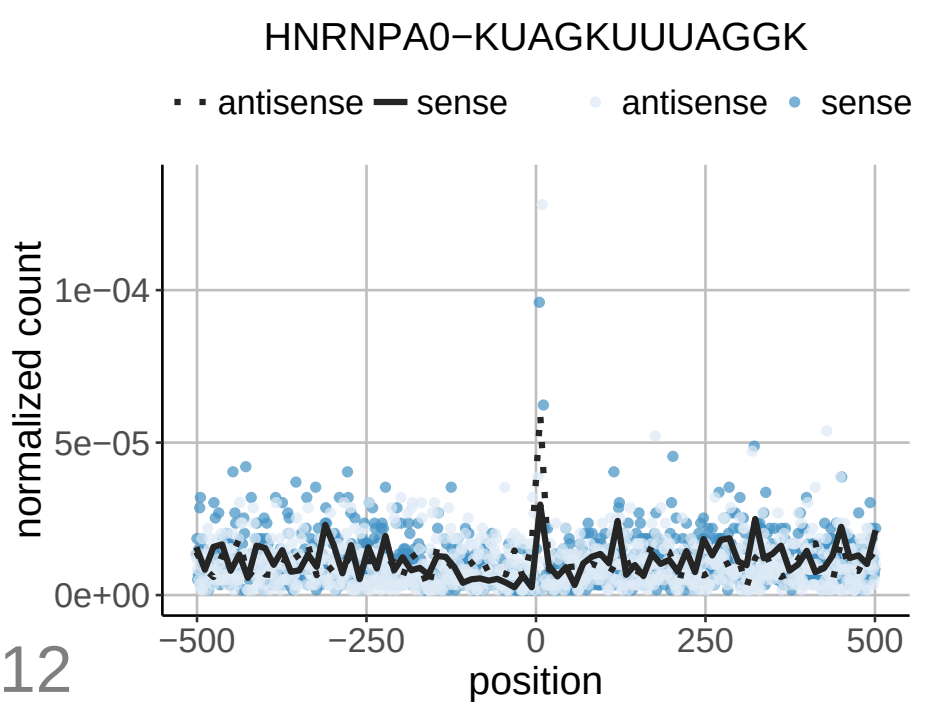
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STOPcodon

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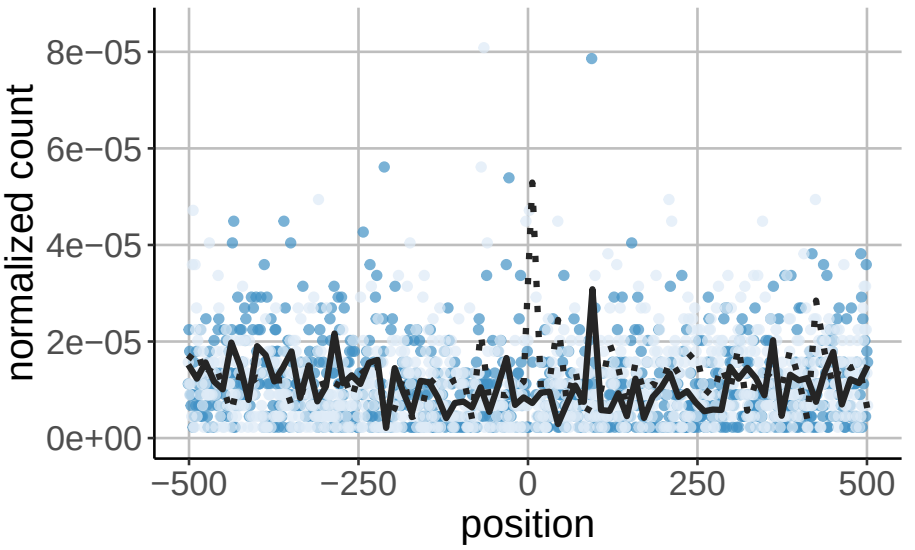

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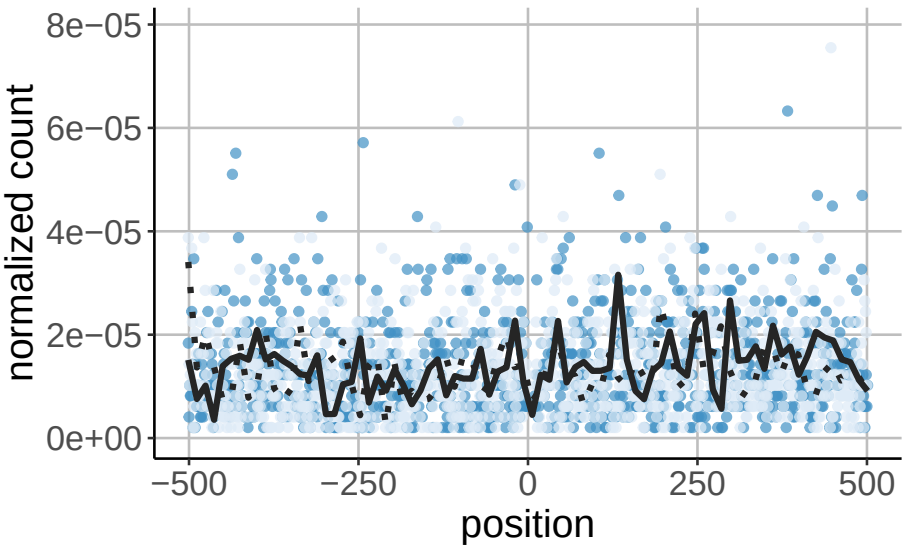

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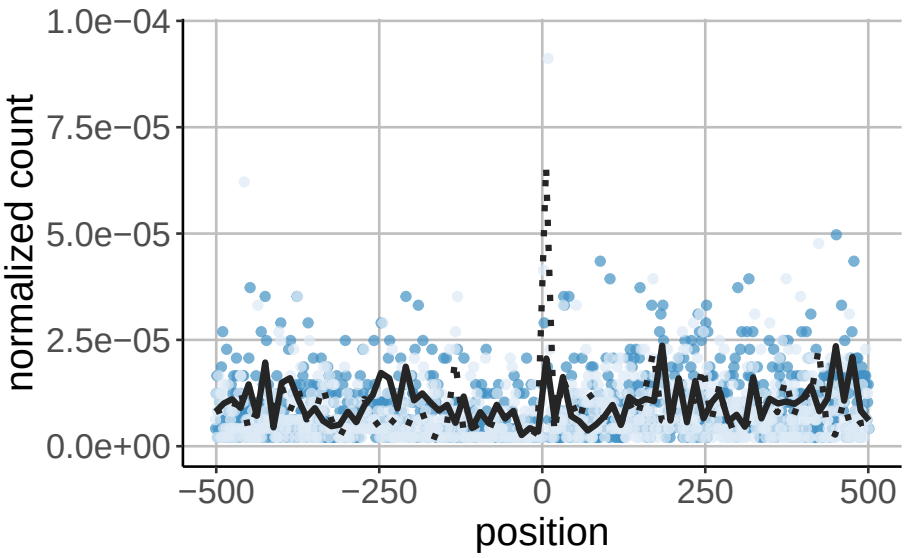

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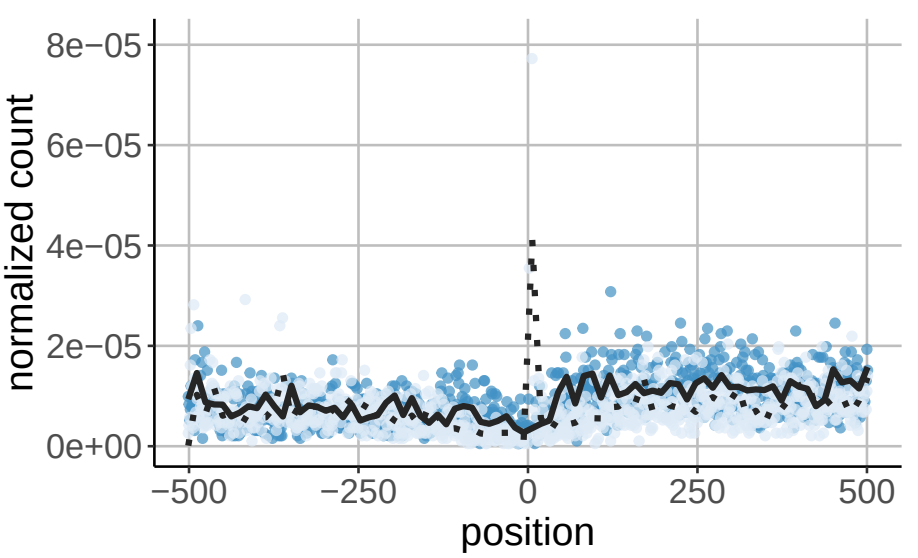

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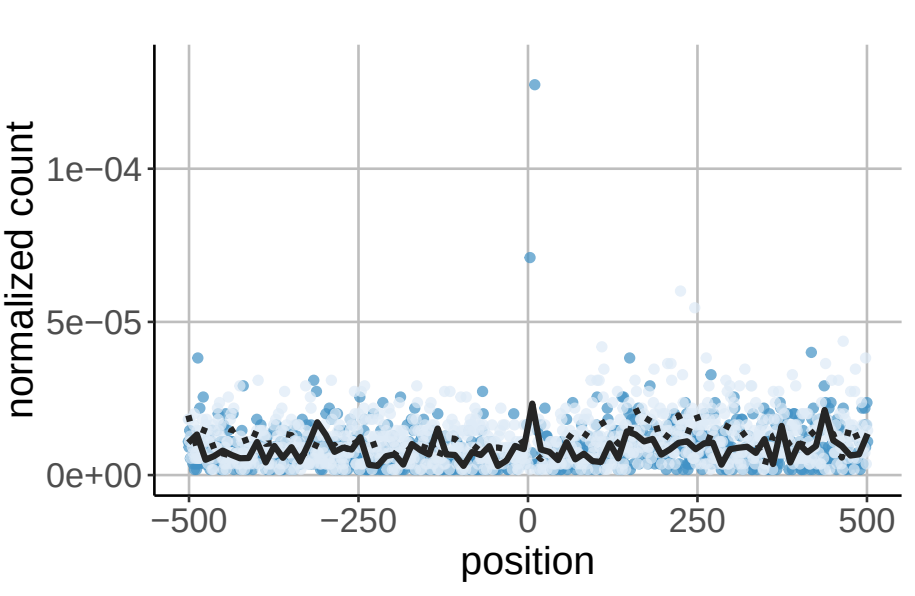

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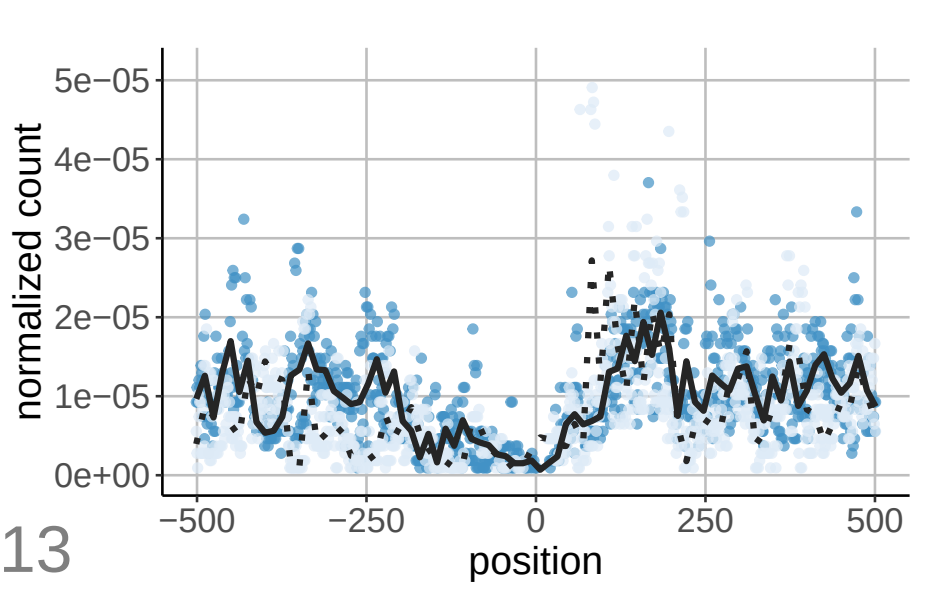

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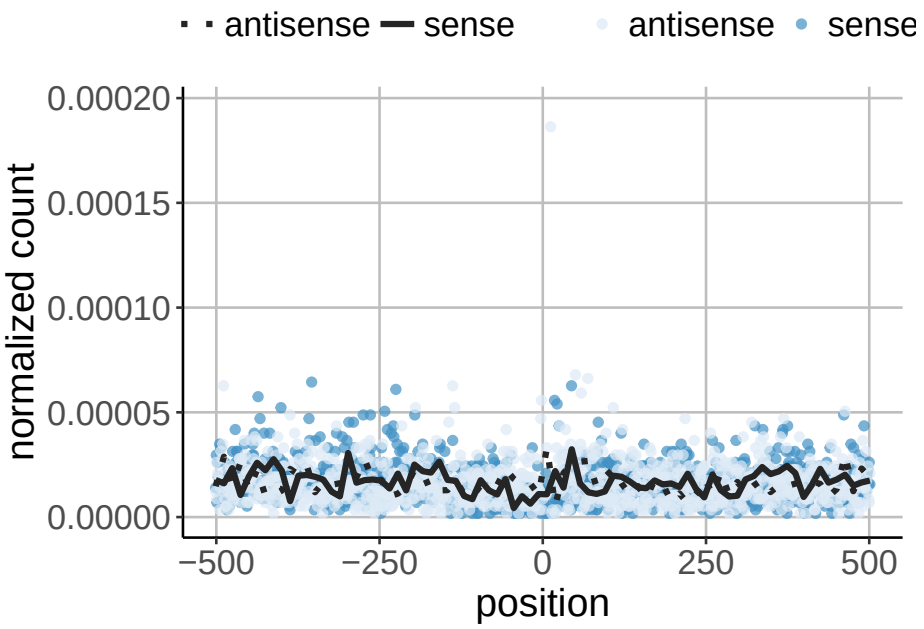

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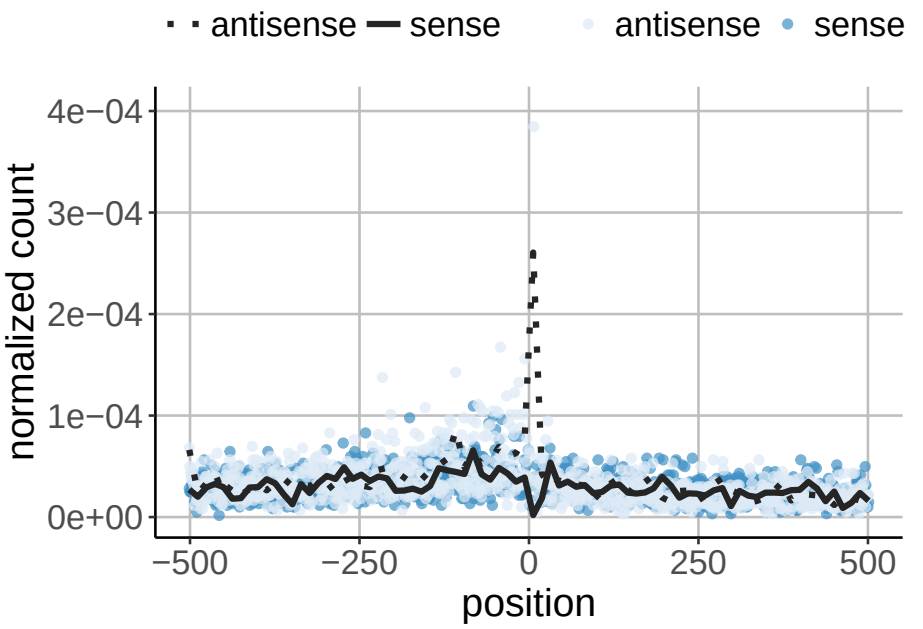

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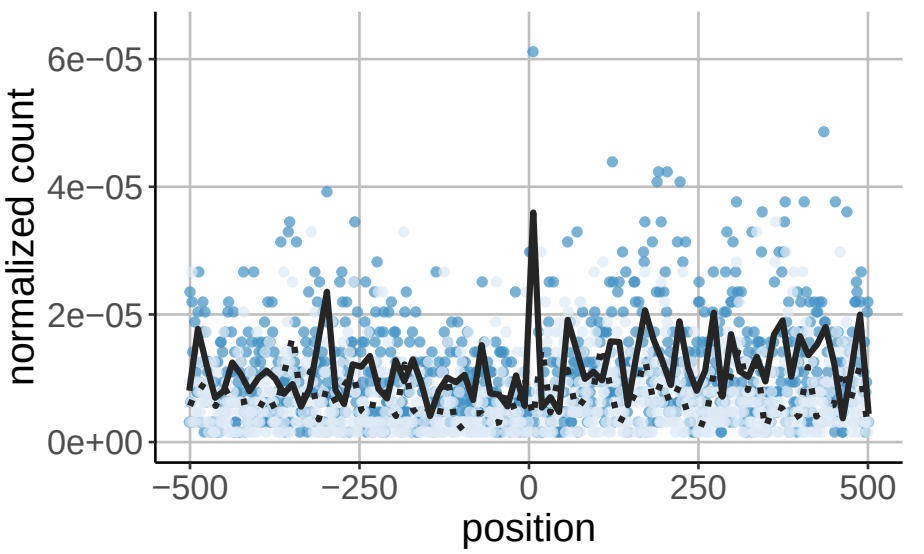

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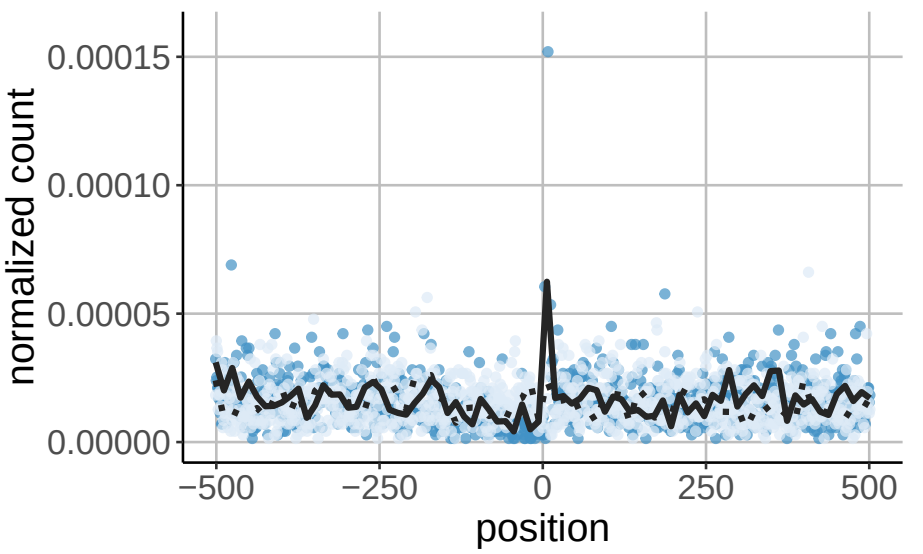

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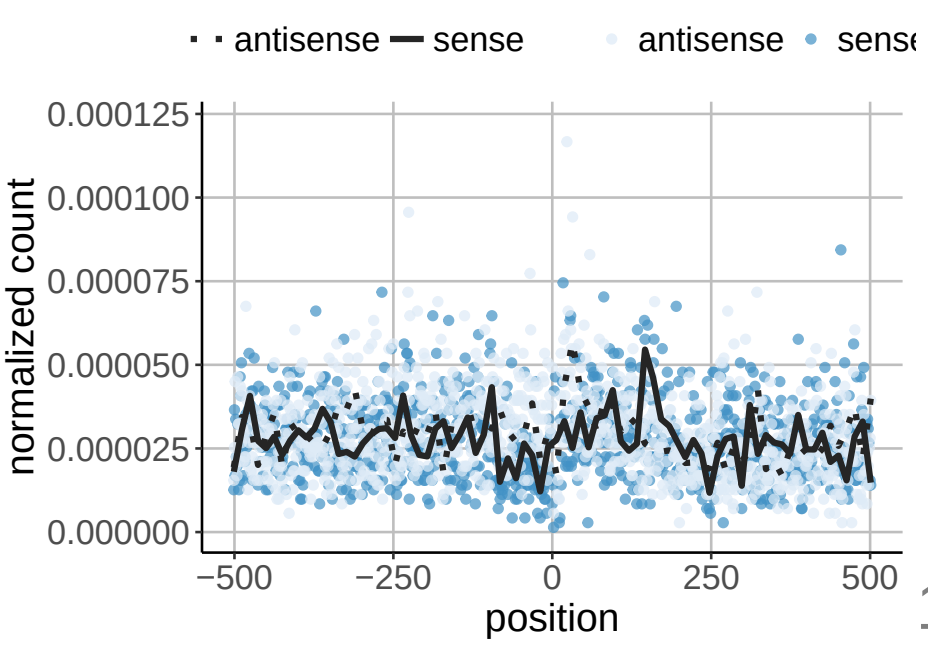
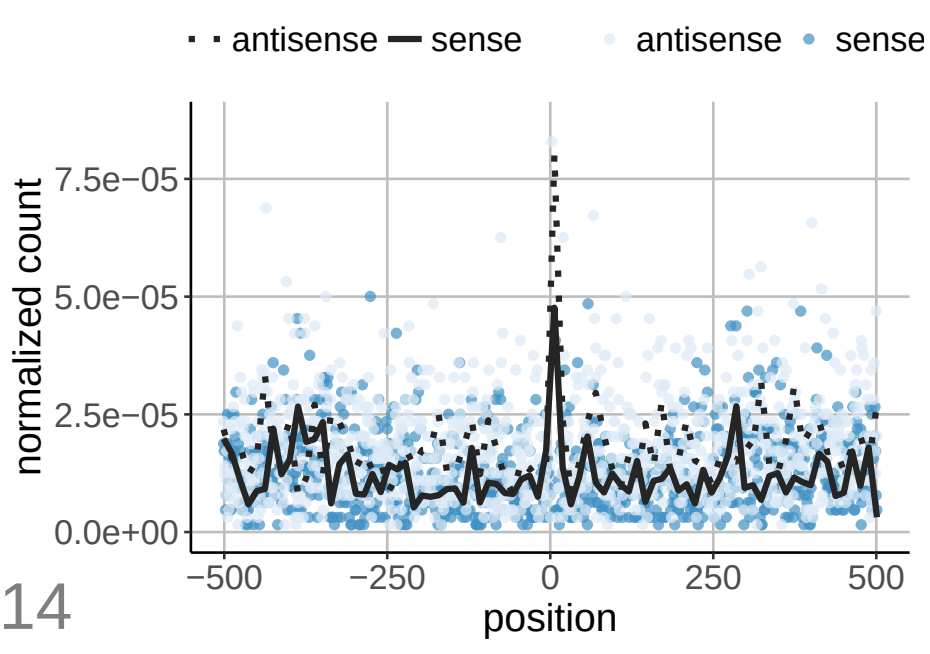


RBPMS−NAGGCACR



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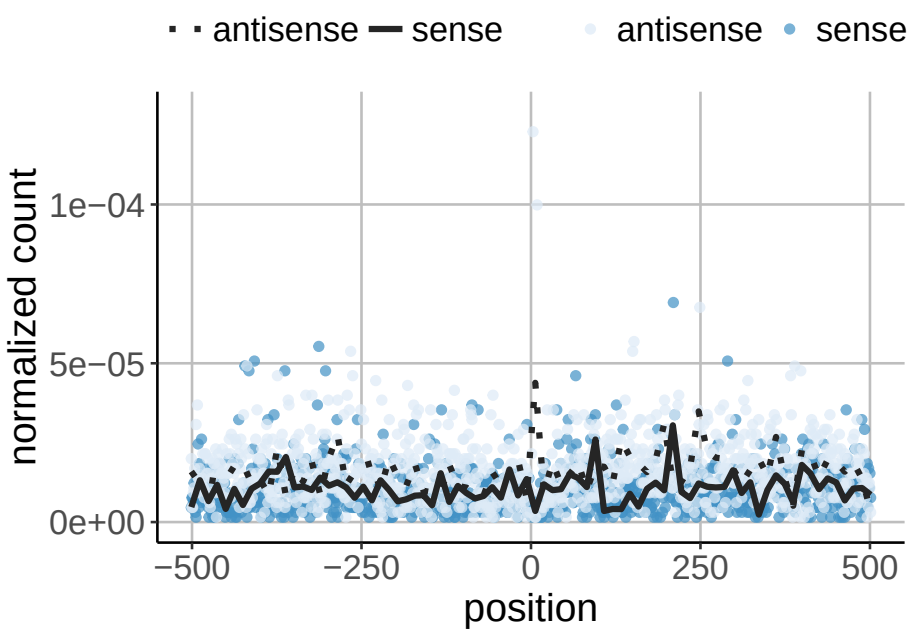

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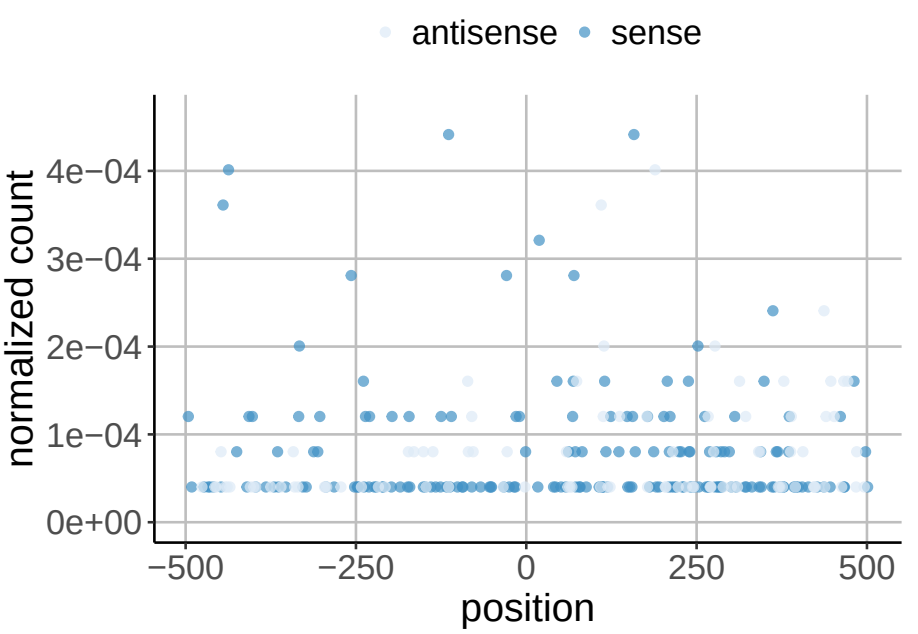

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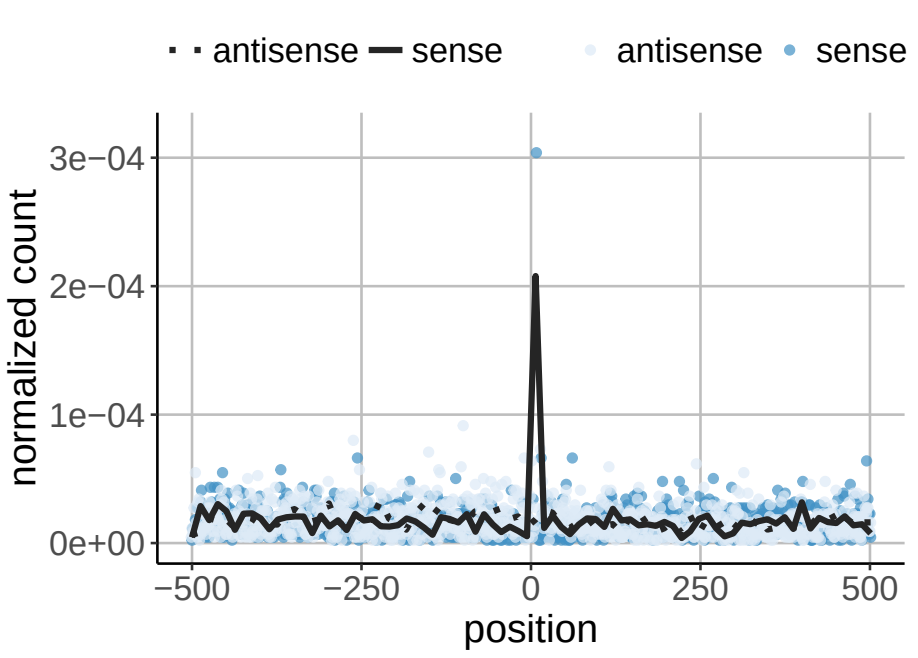

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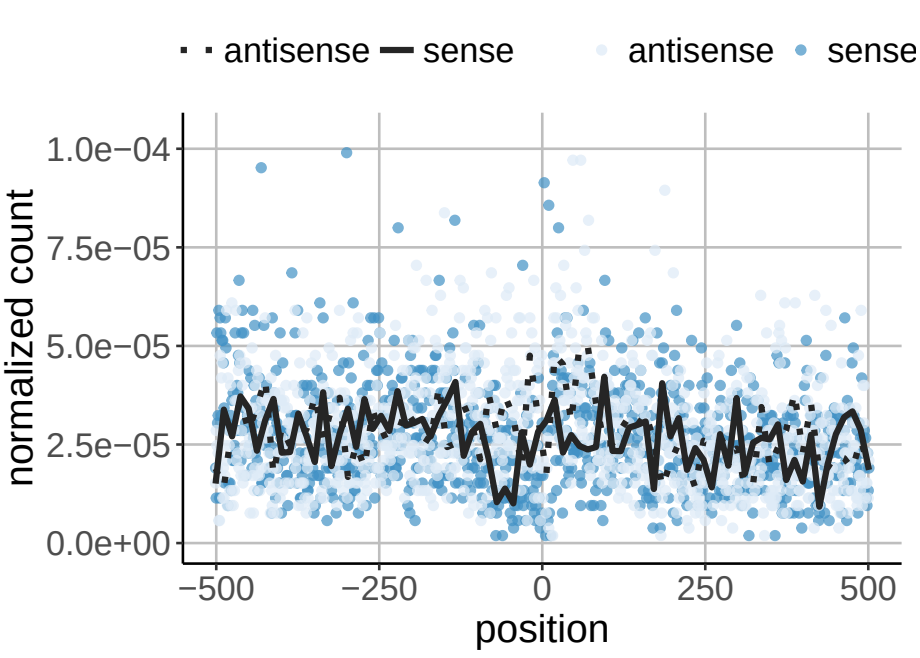

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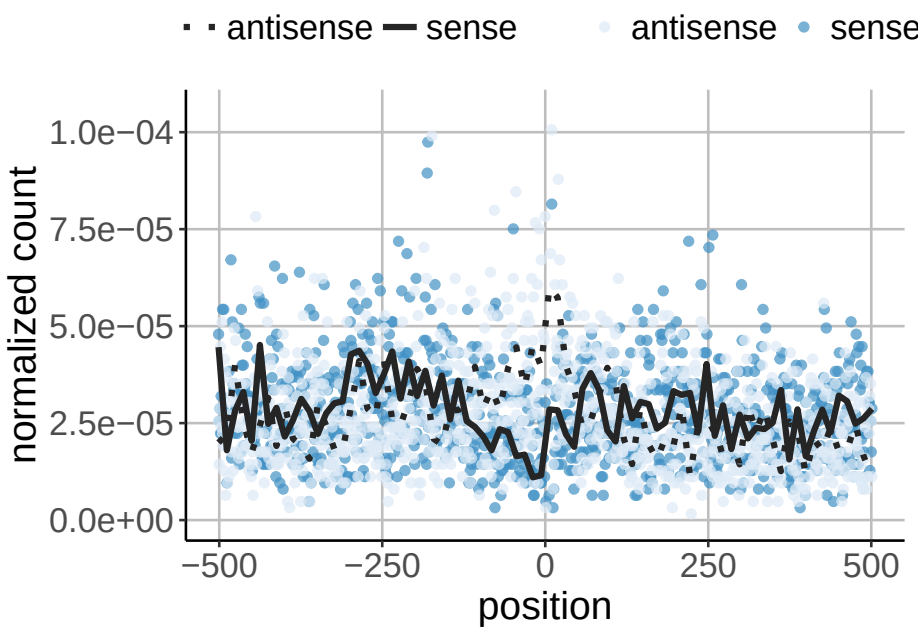

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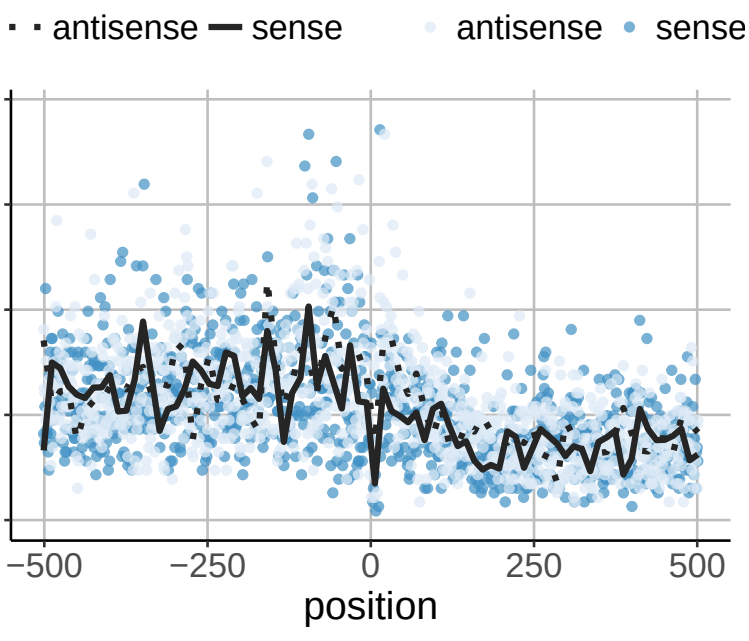

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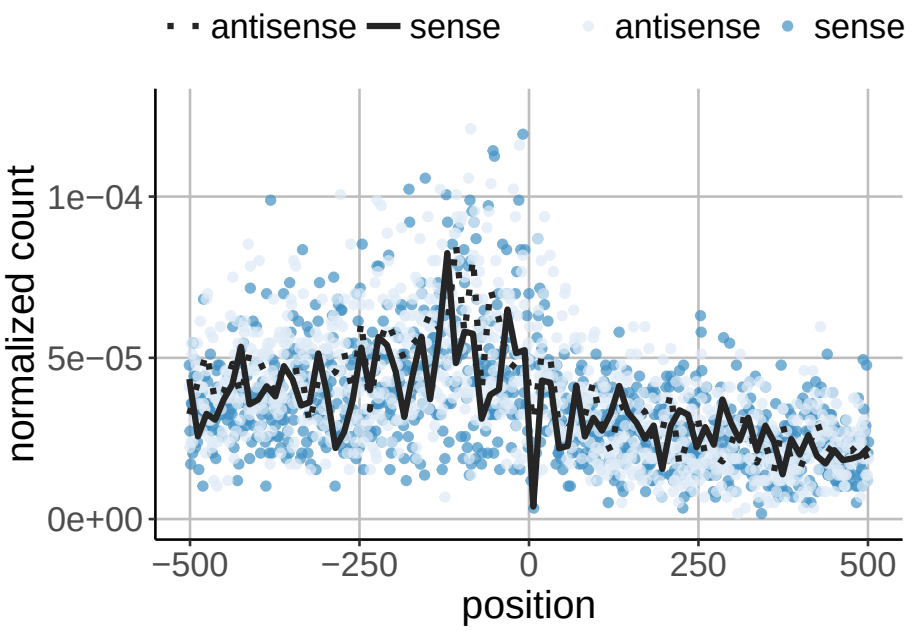

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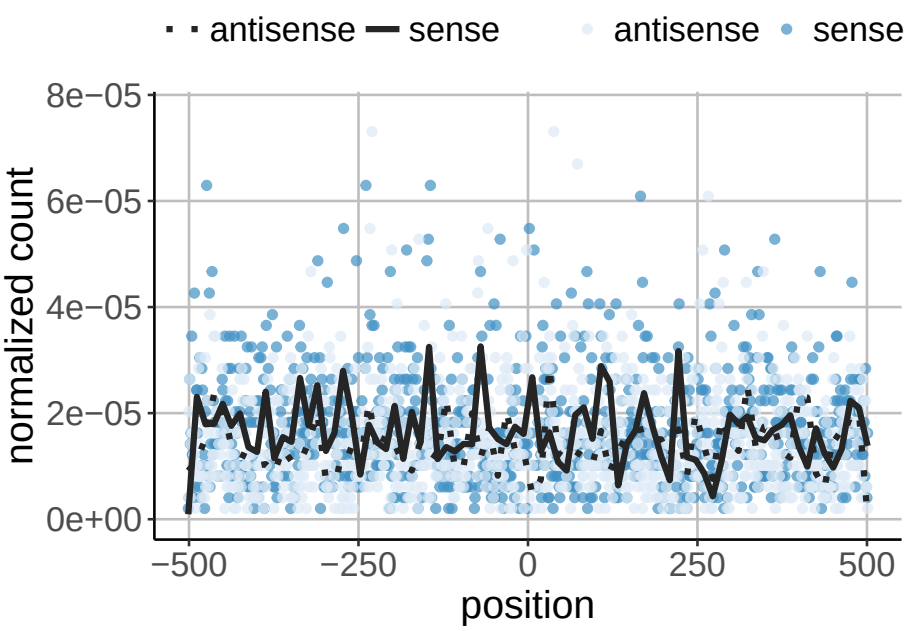

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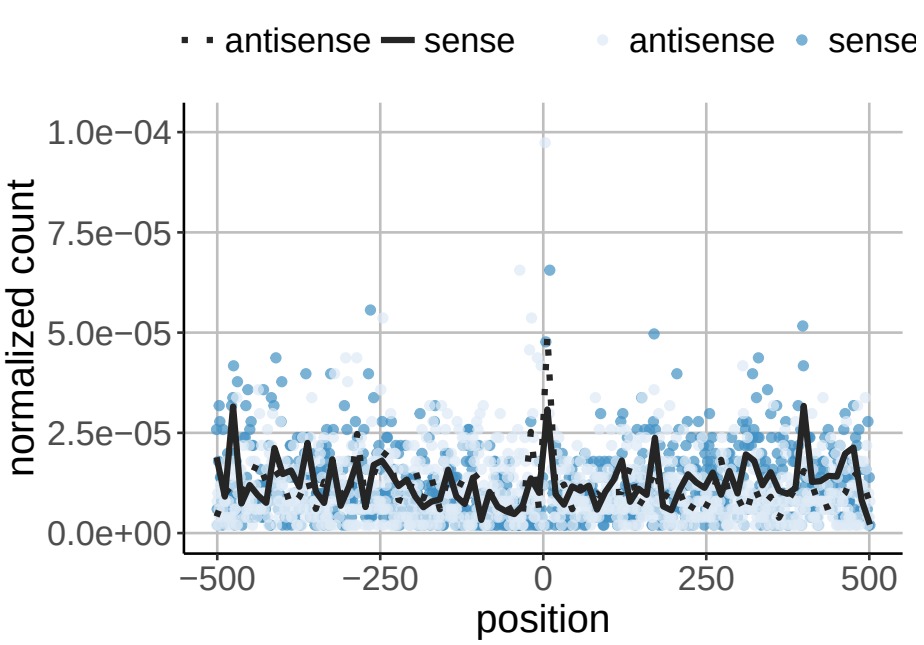

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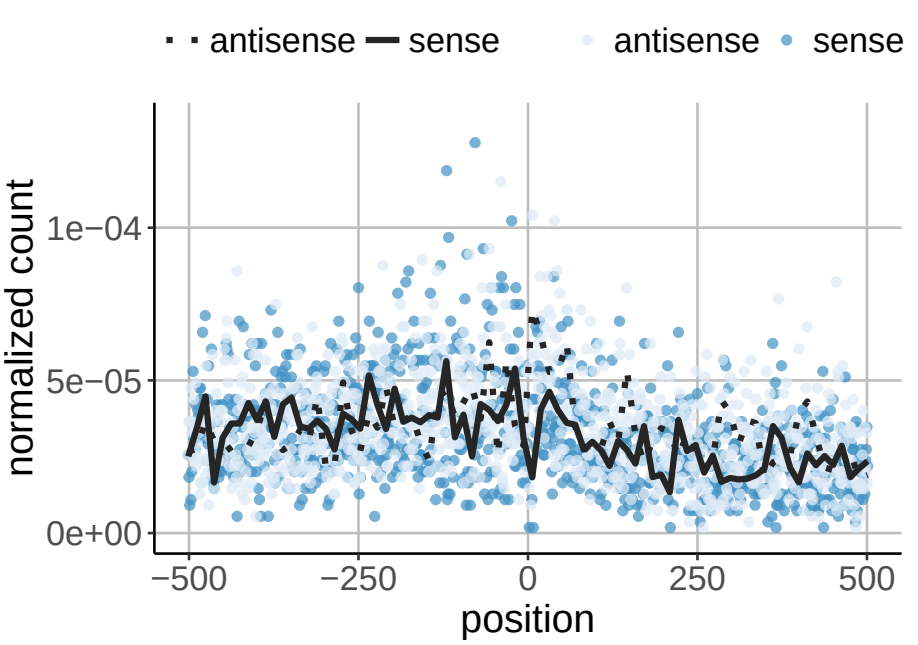

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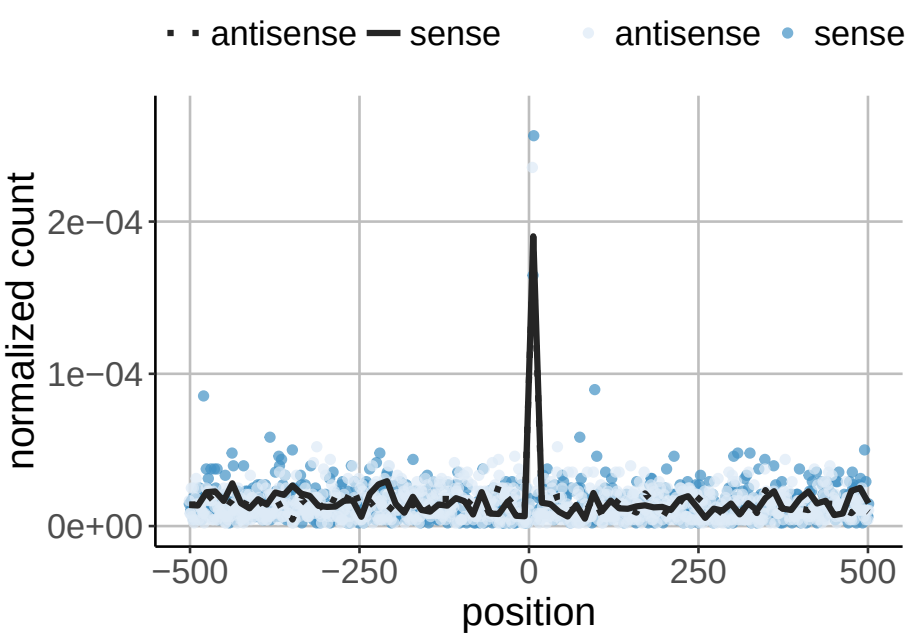

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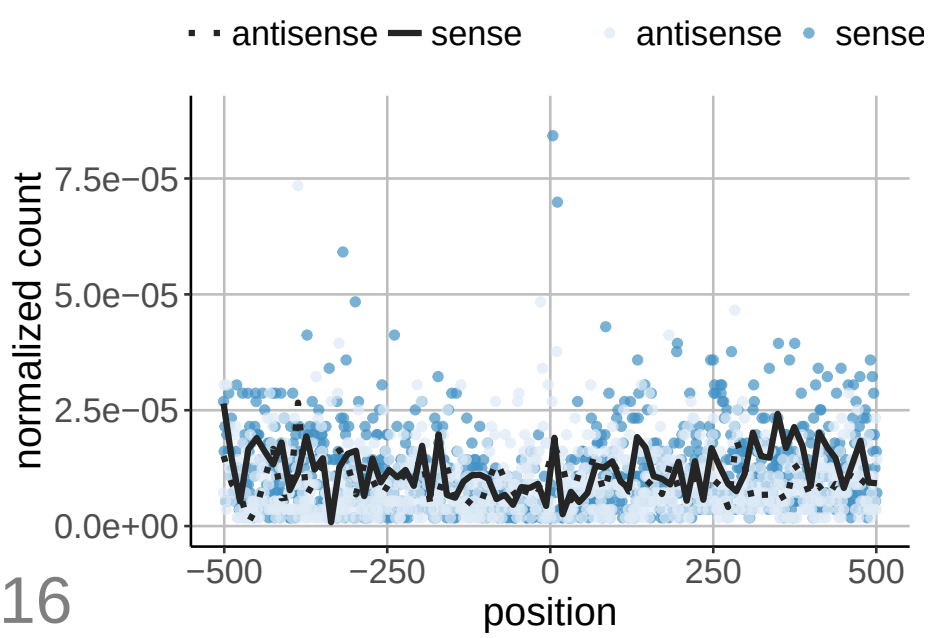

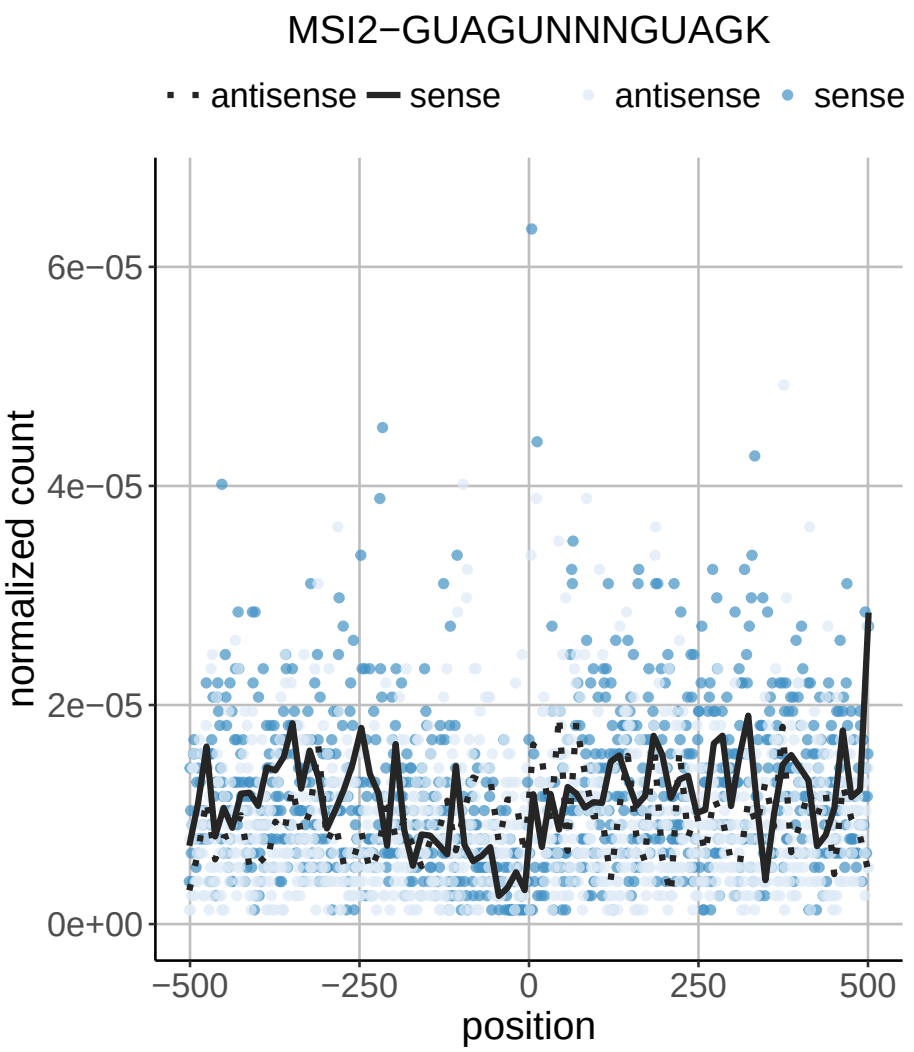
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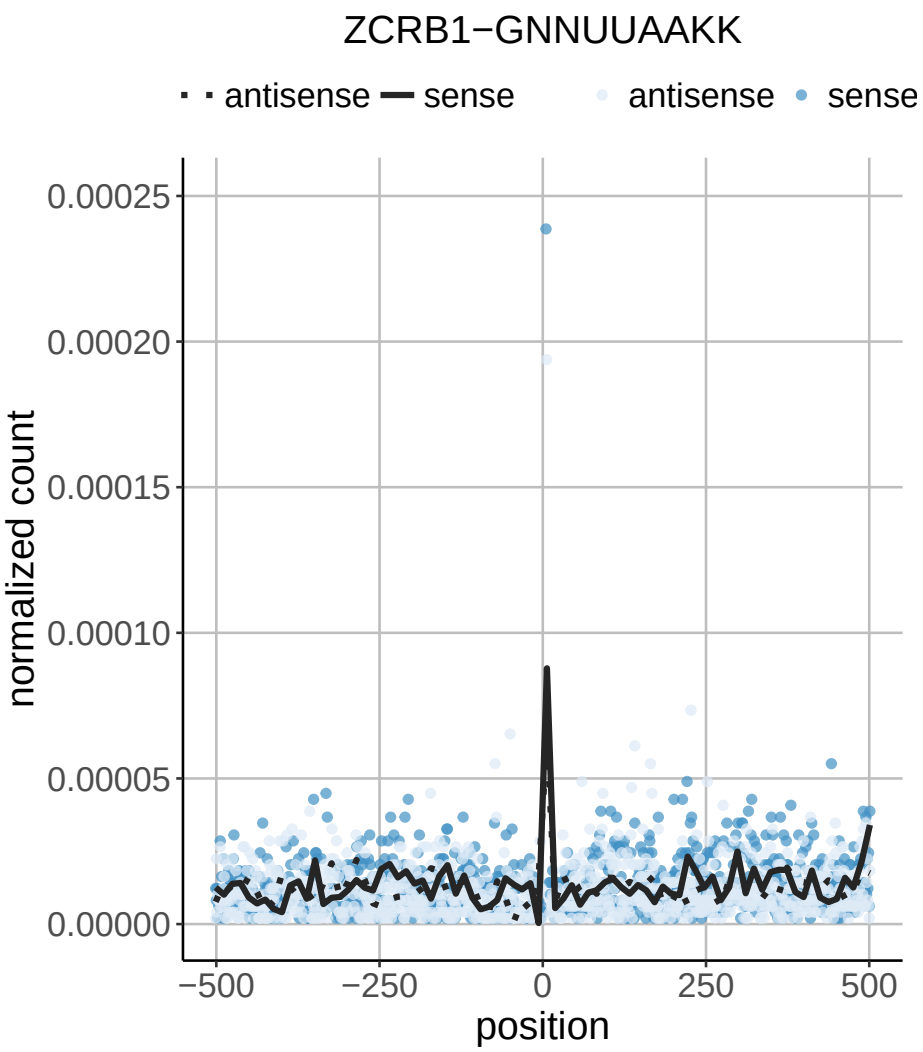
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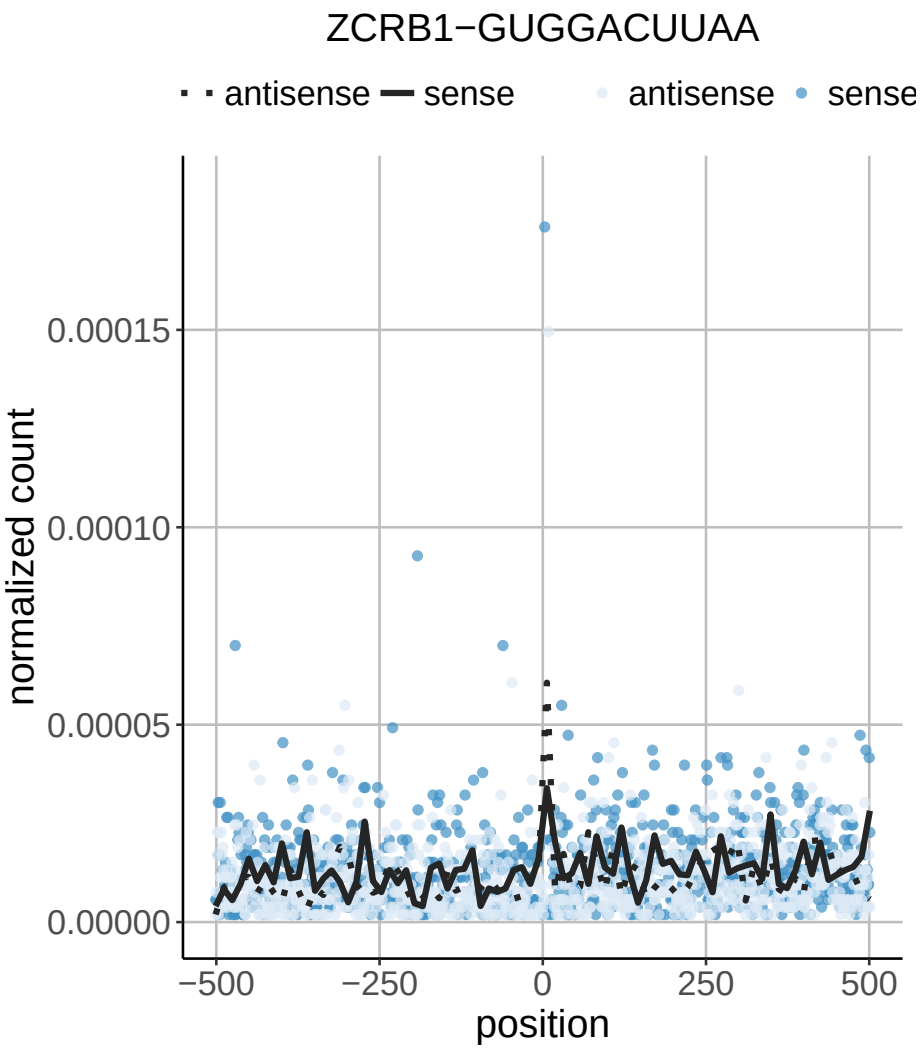
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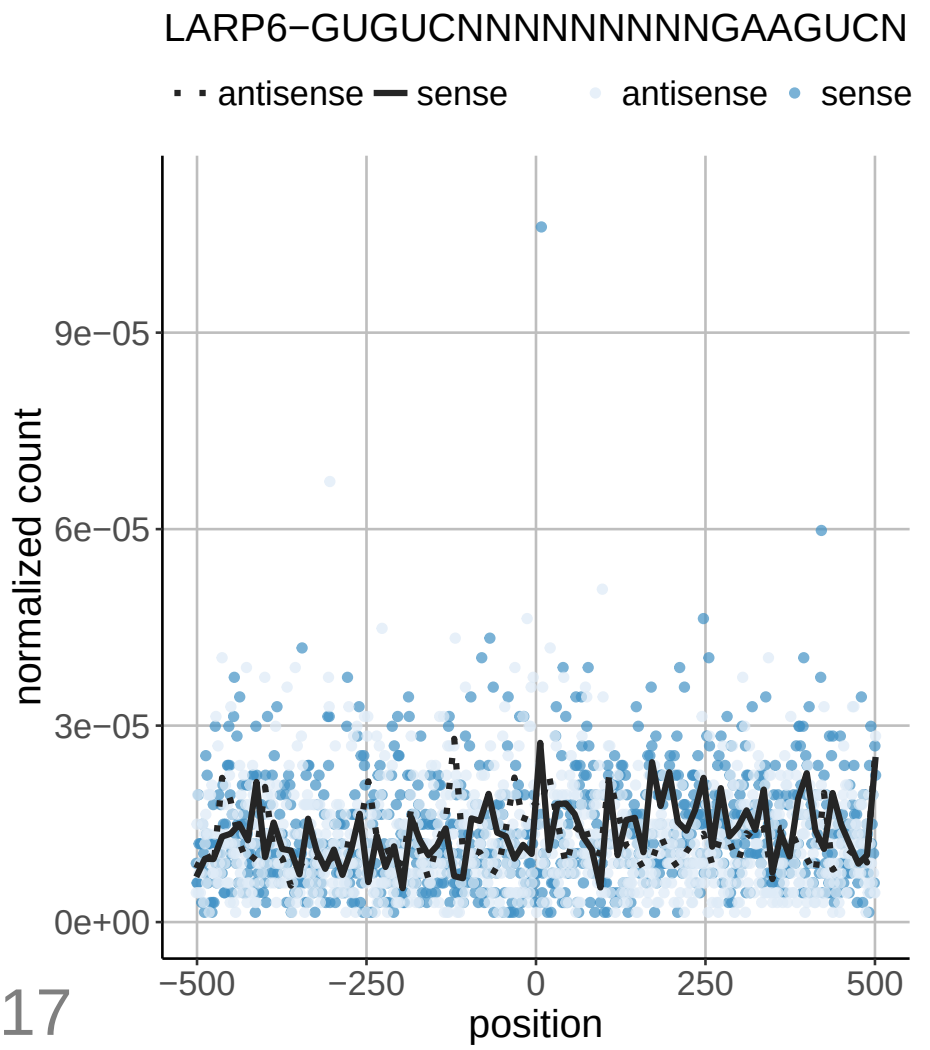
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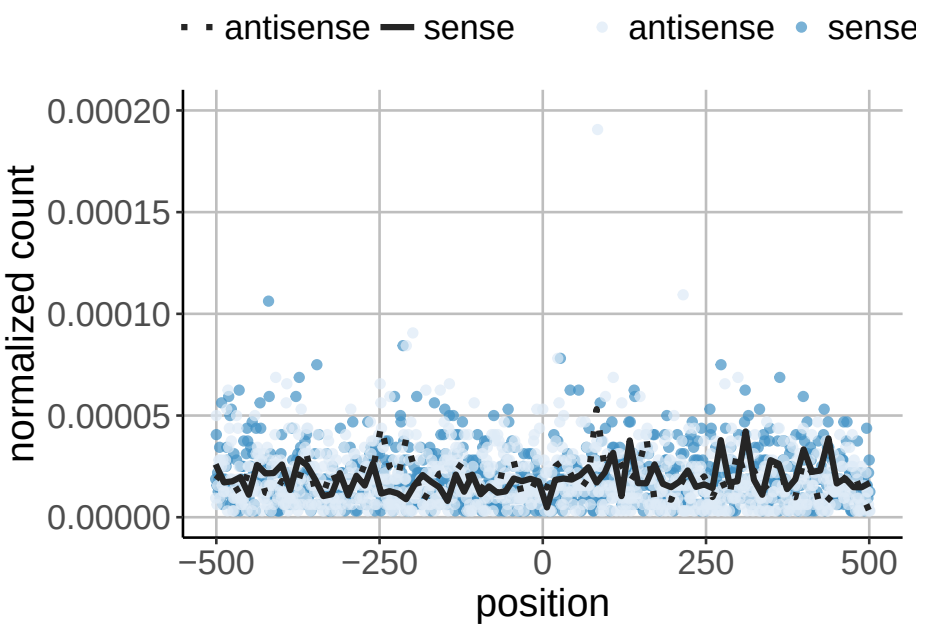

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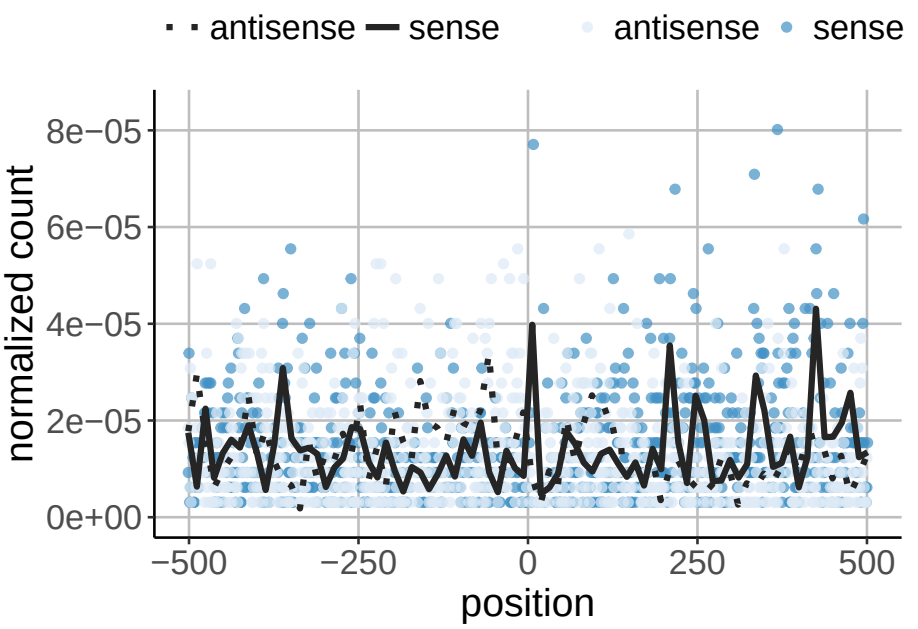

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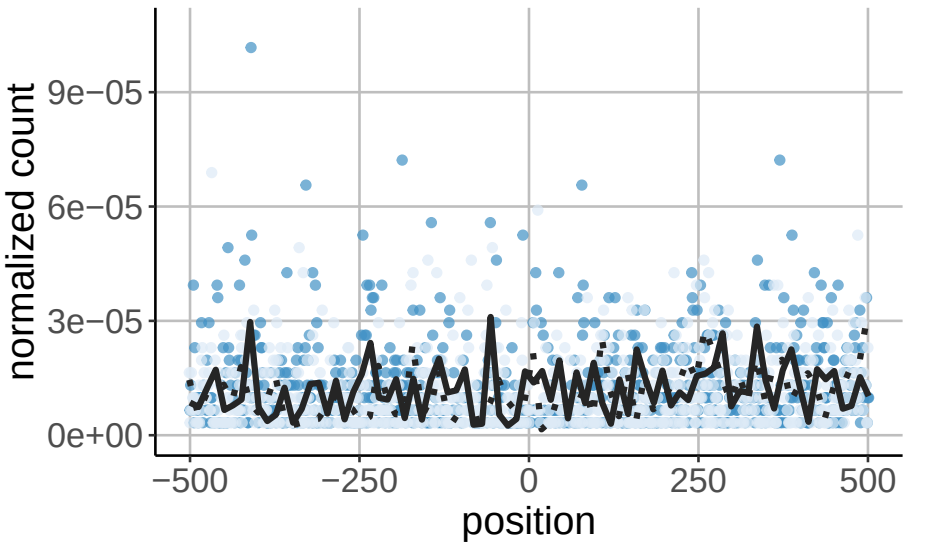

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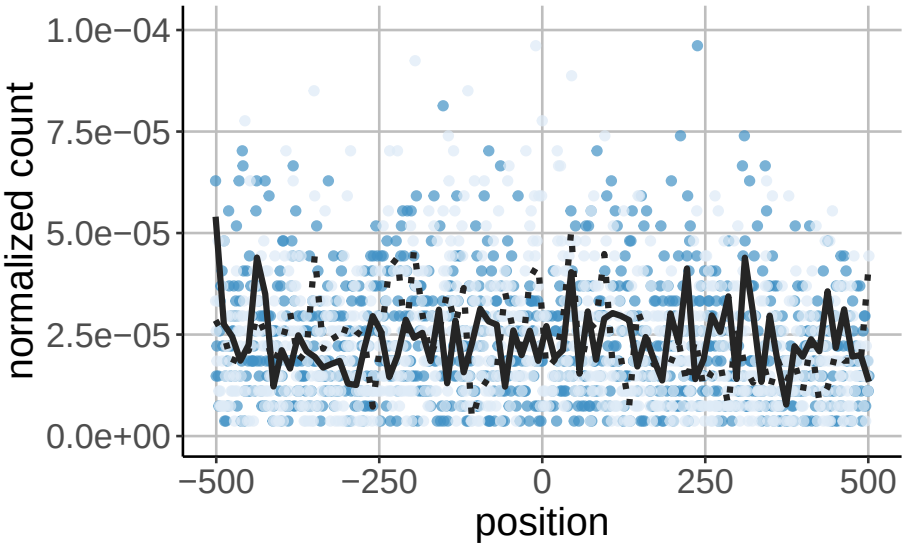

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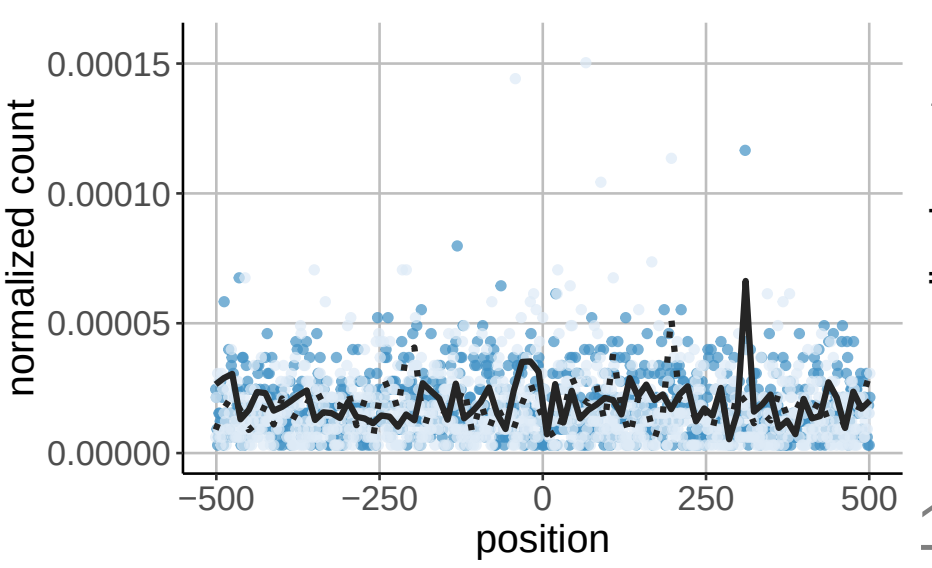

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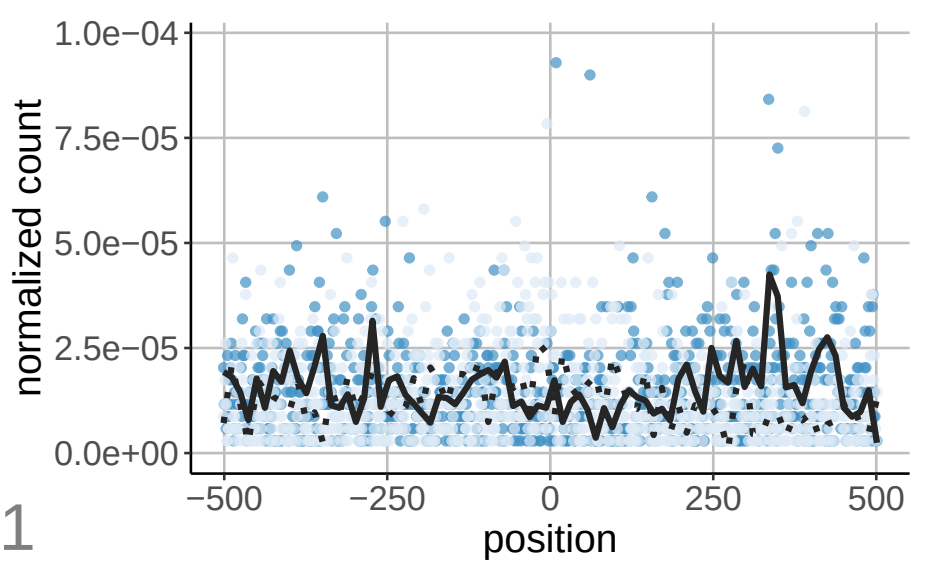

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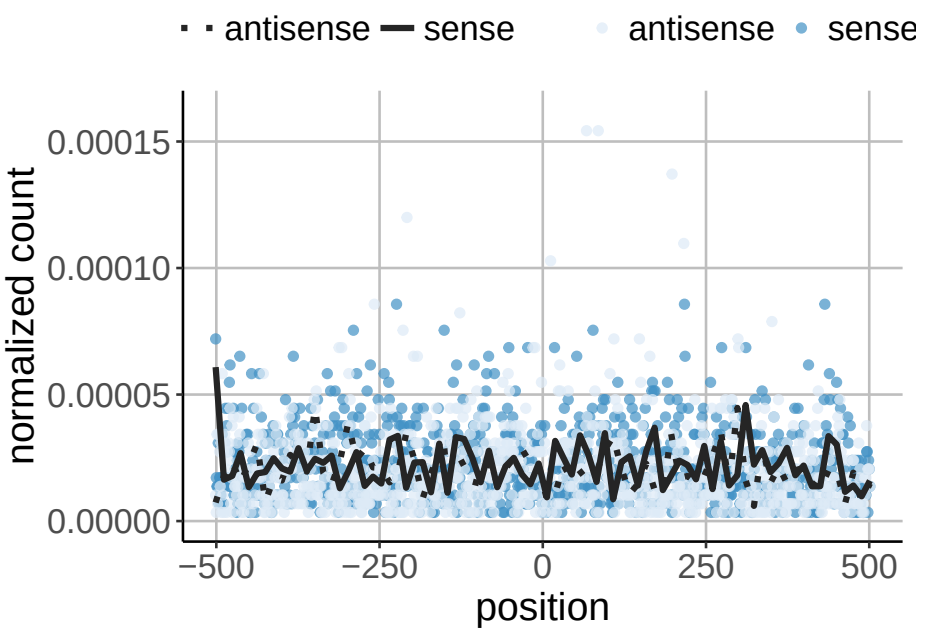

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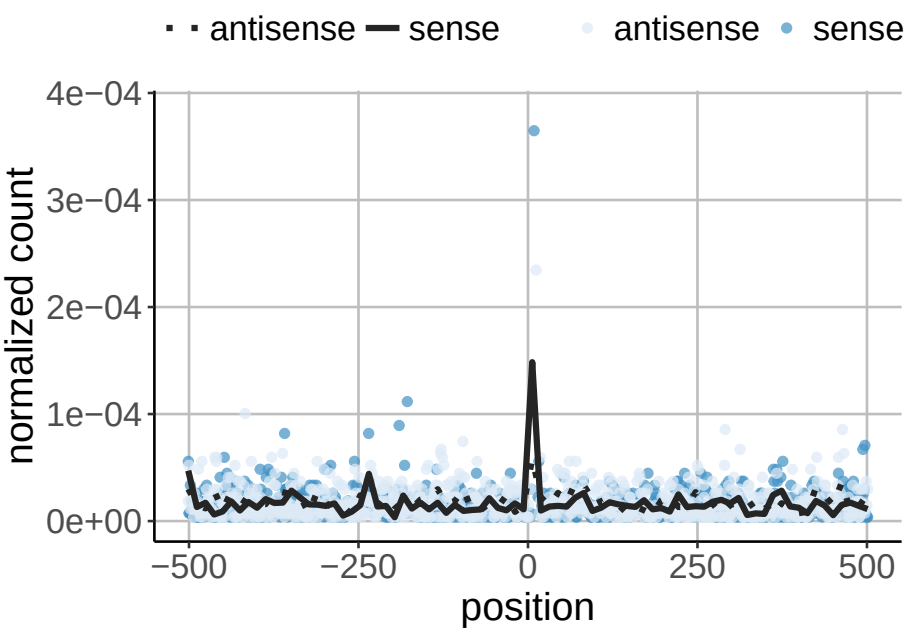

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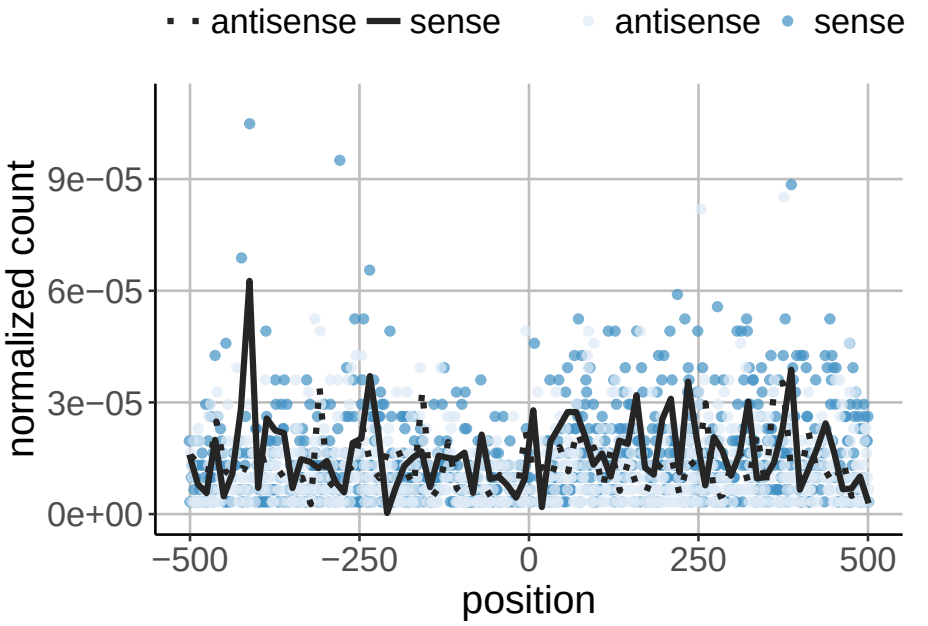

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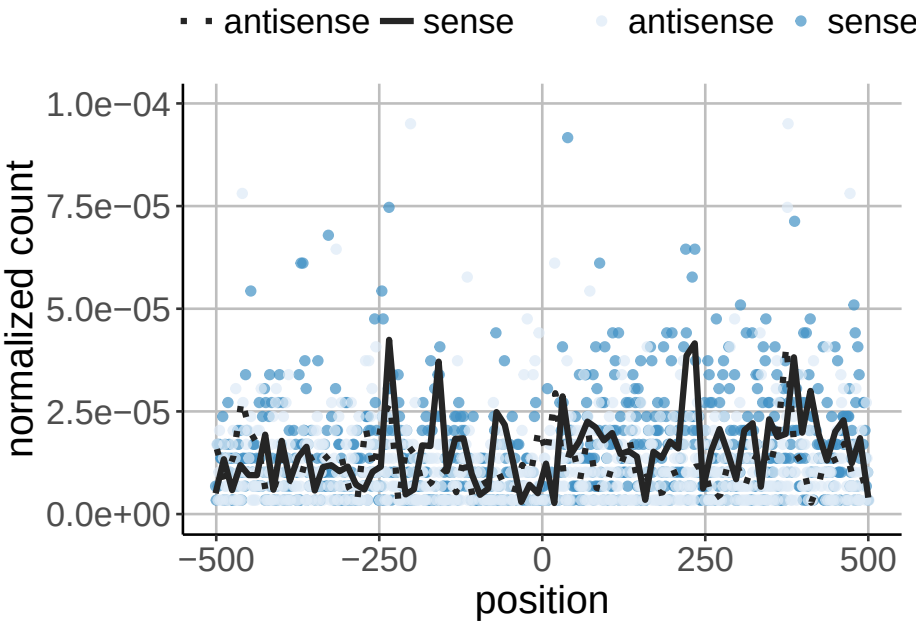

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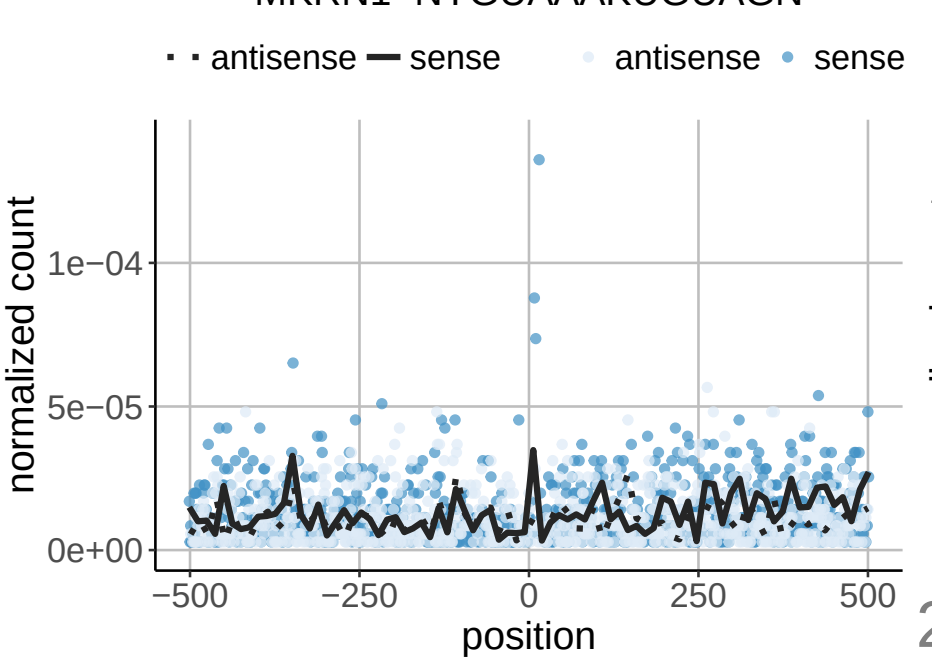

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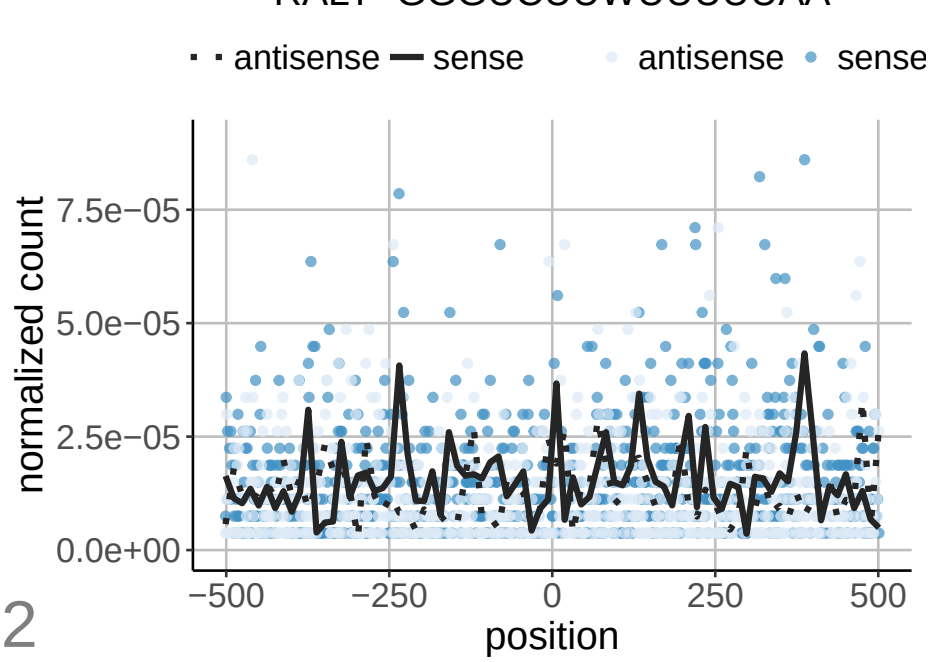

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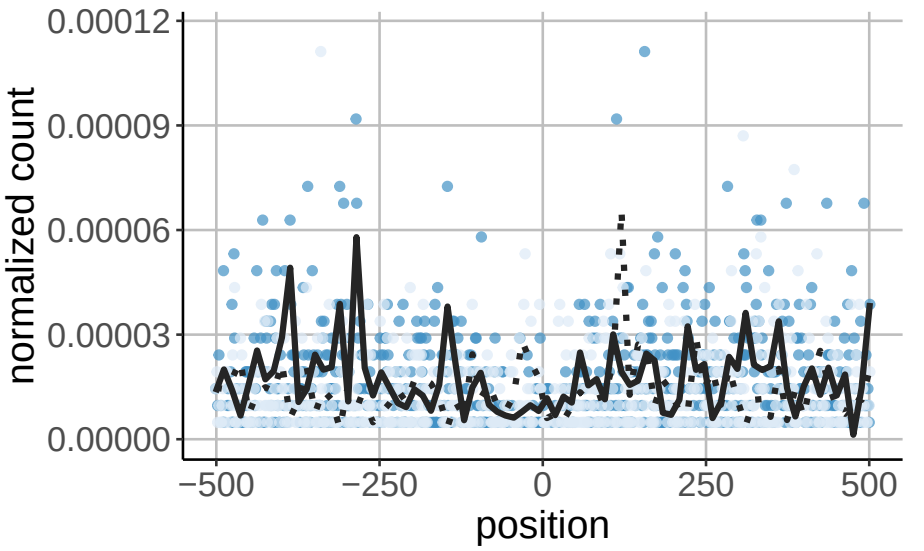

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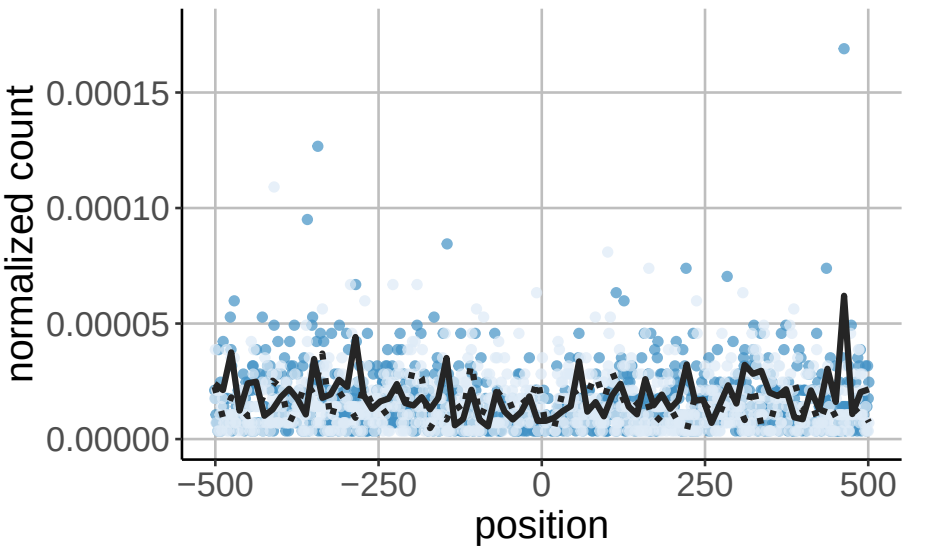

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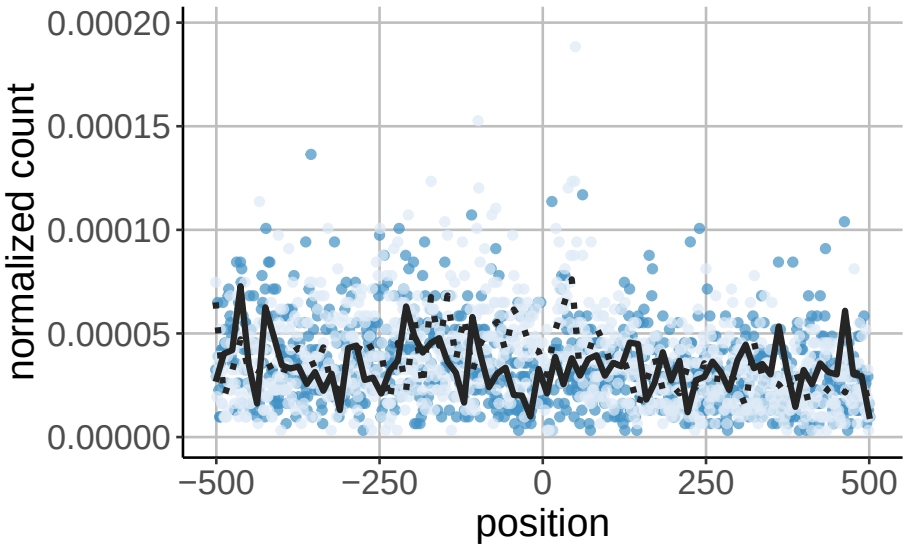

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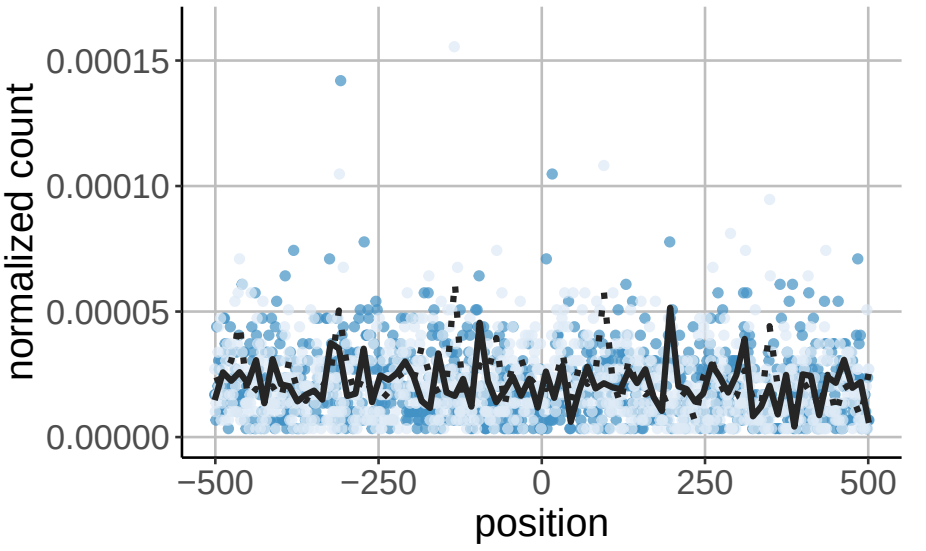

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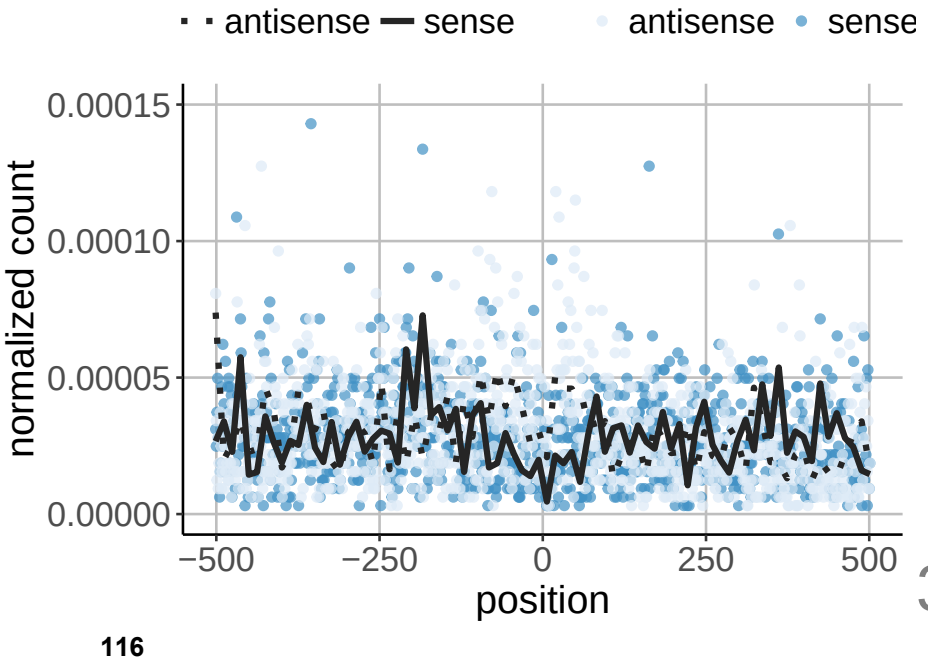

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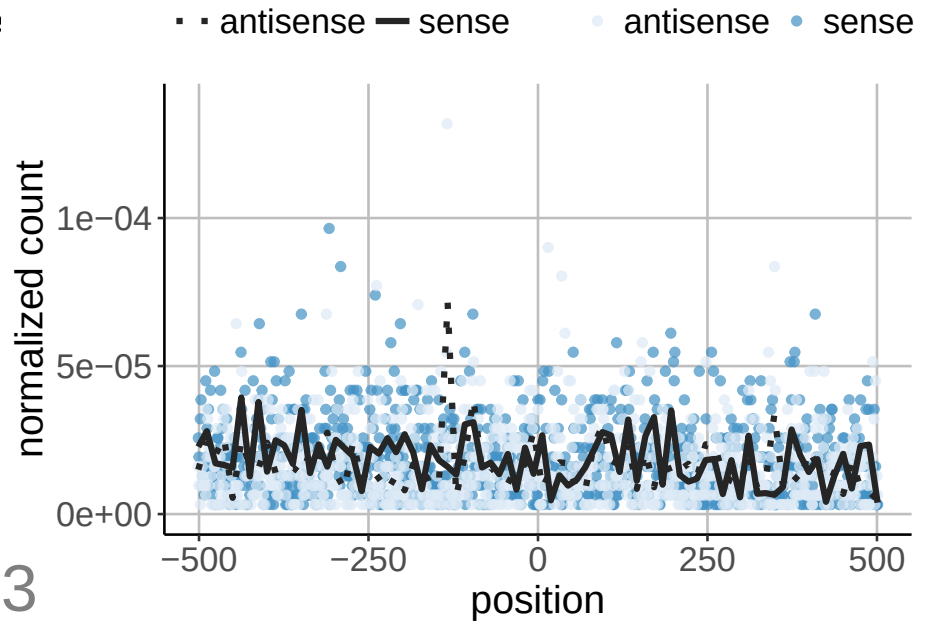

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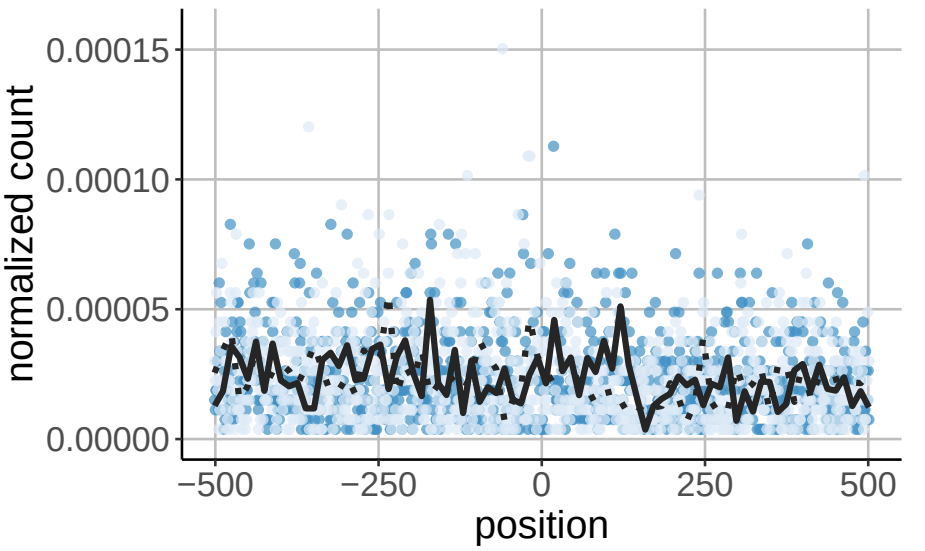

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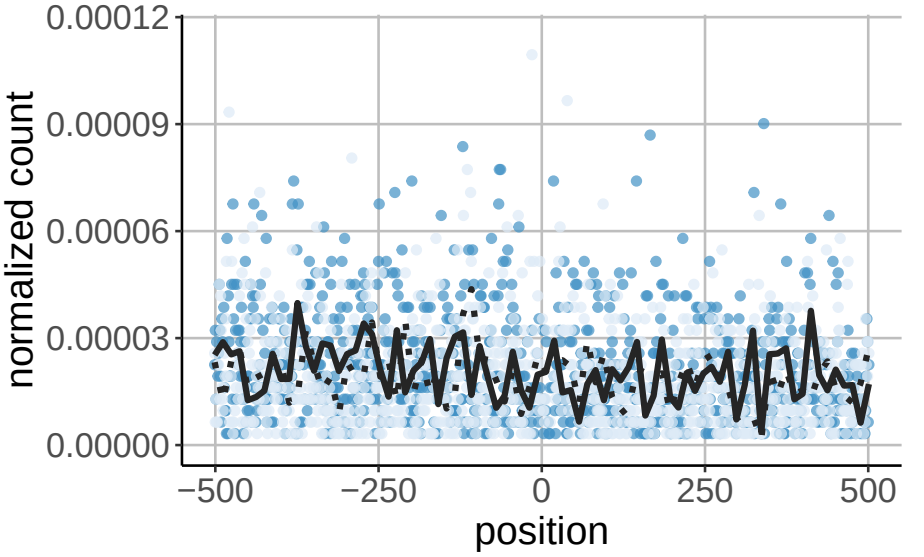

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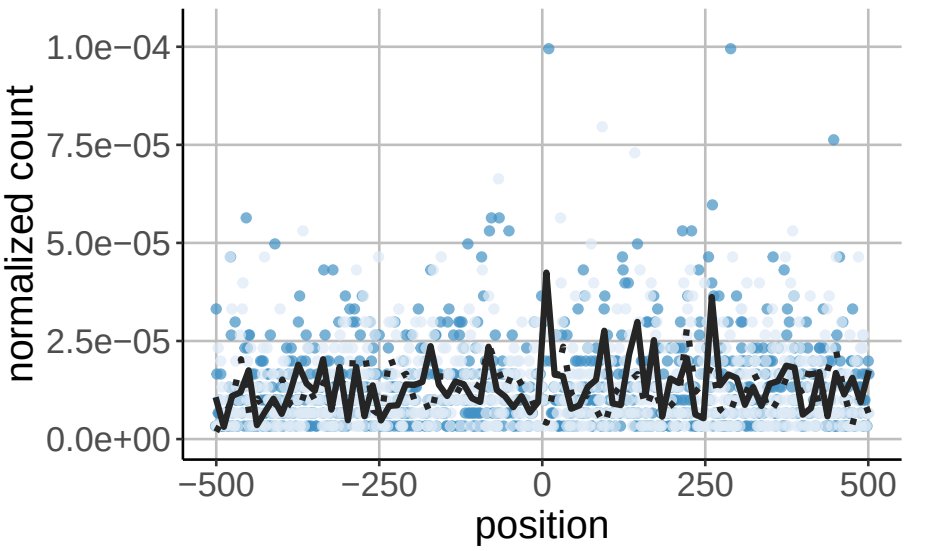

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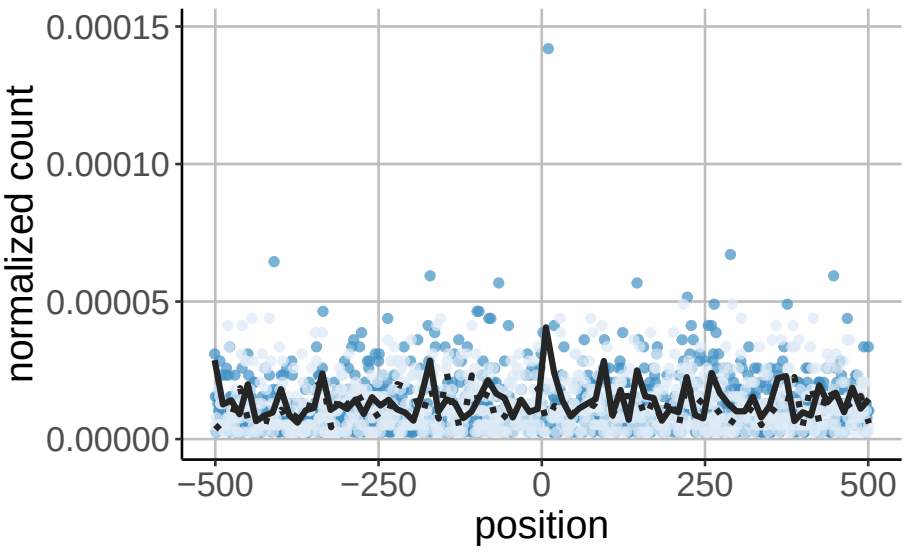

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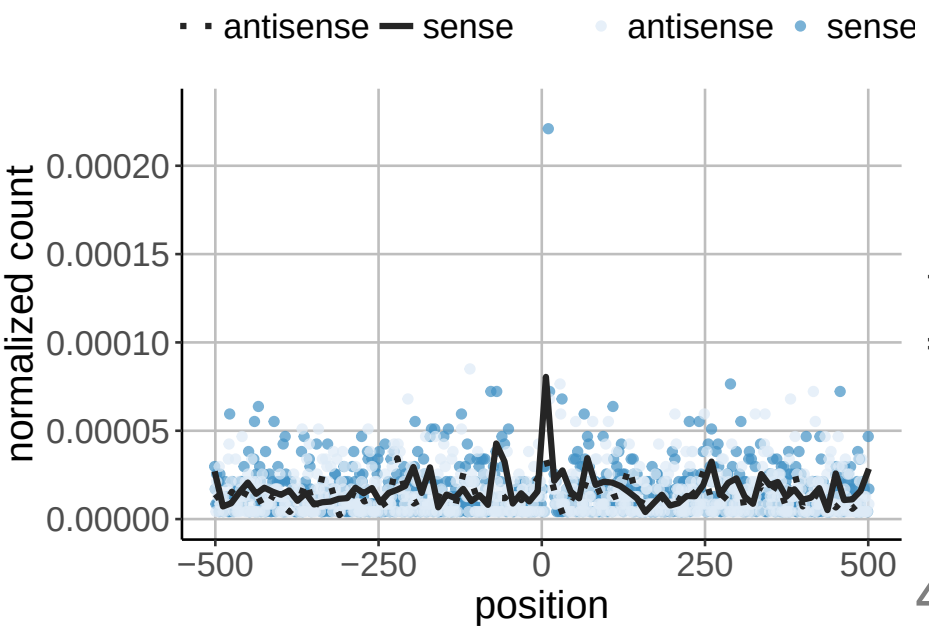

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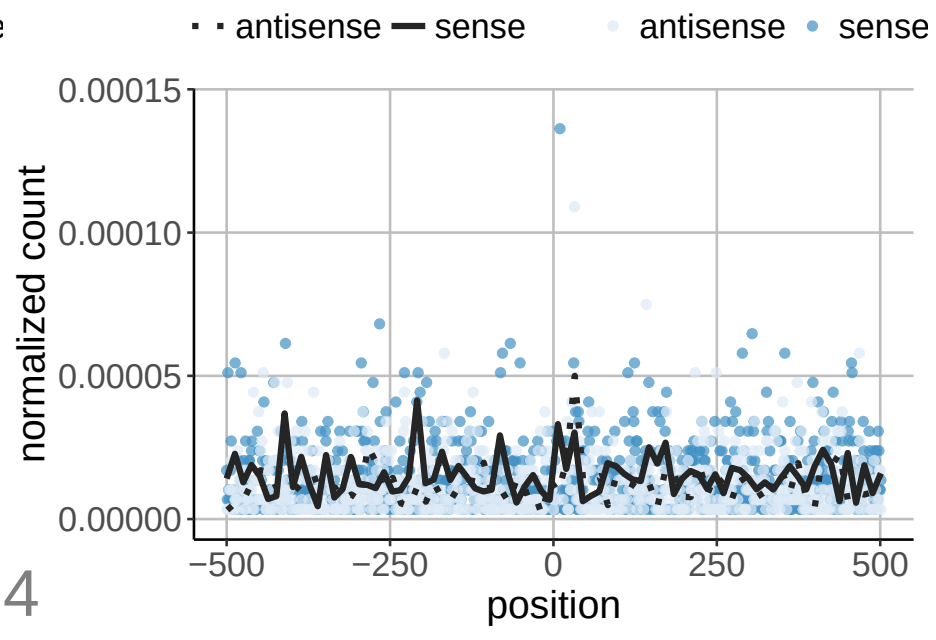

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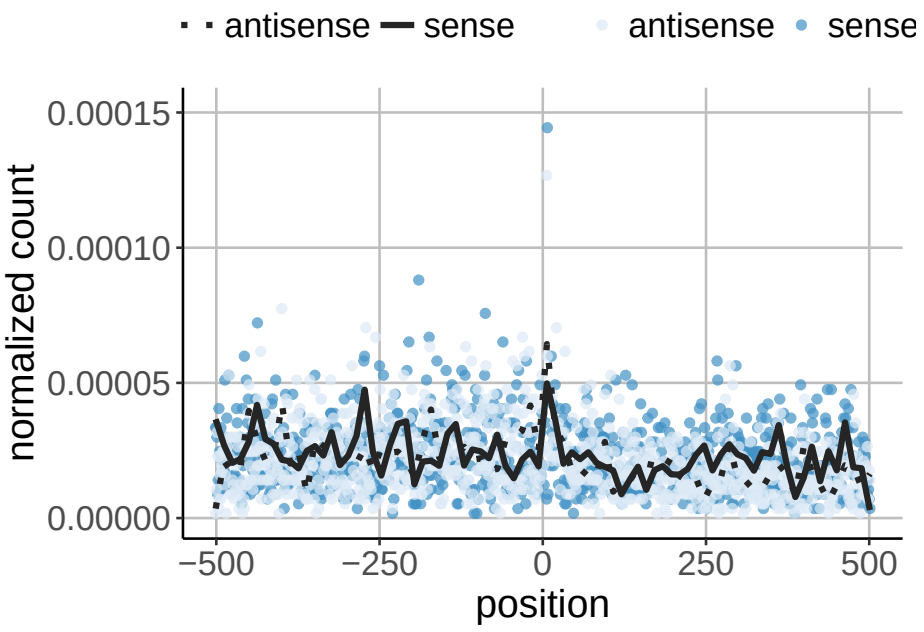

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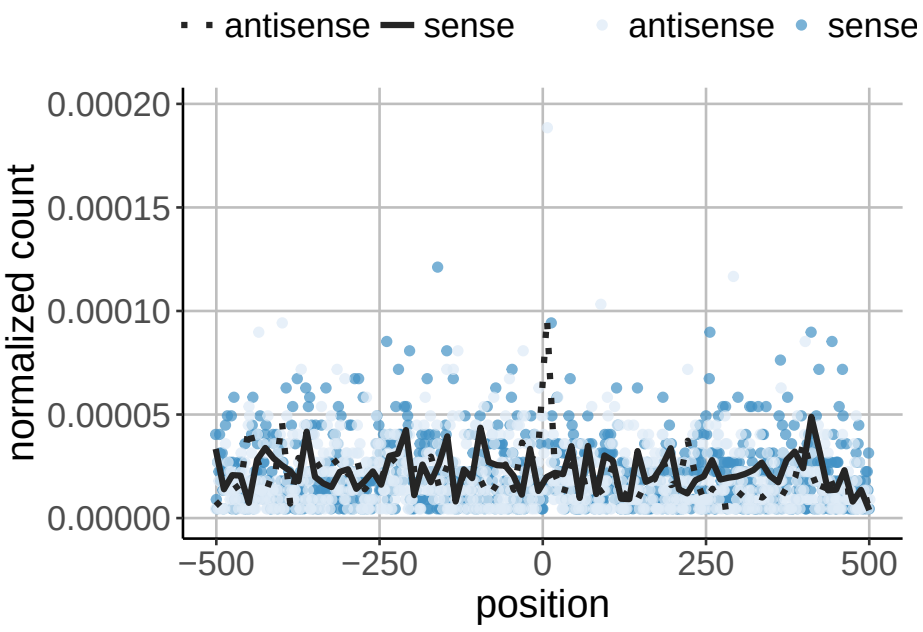

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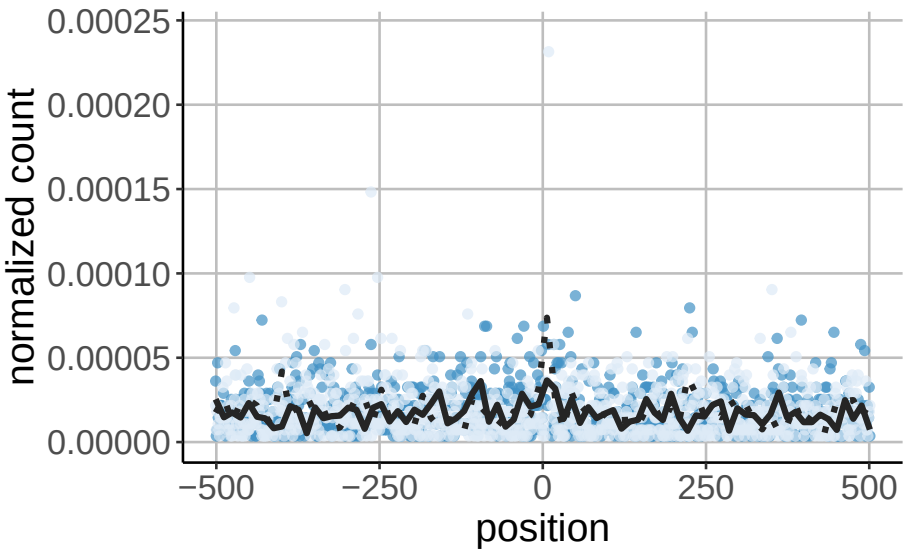

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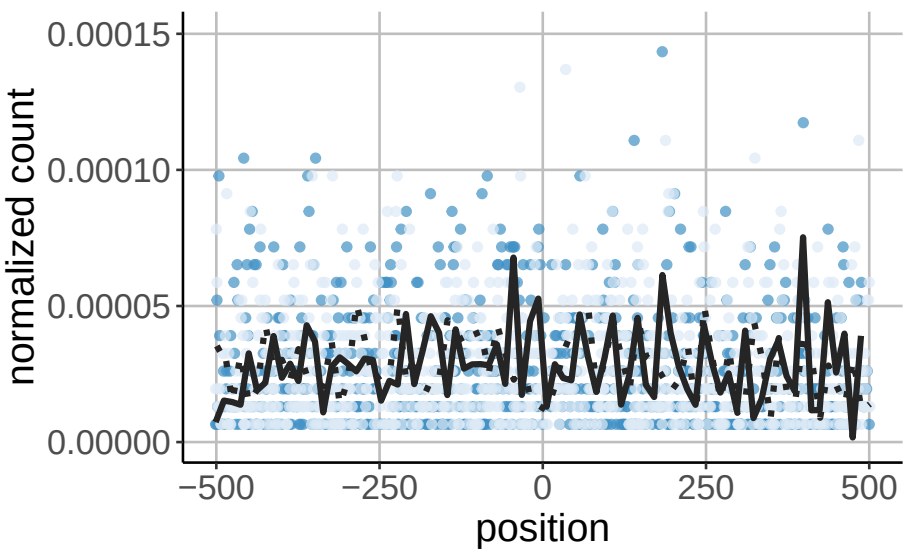

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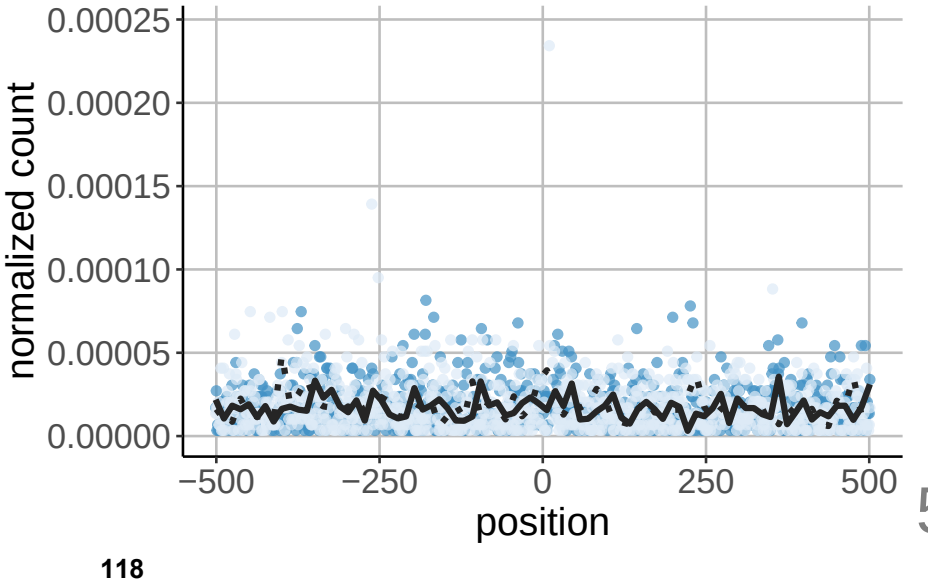

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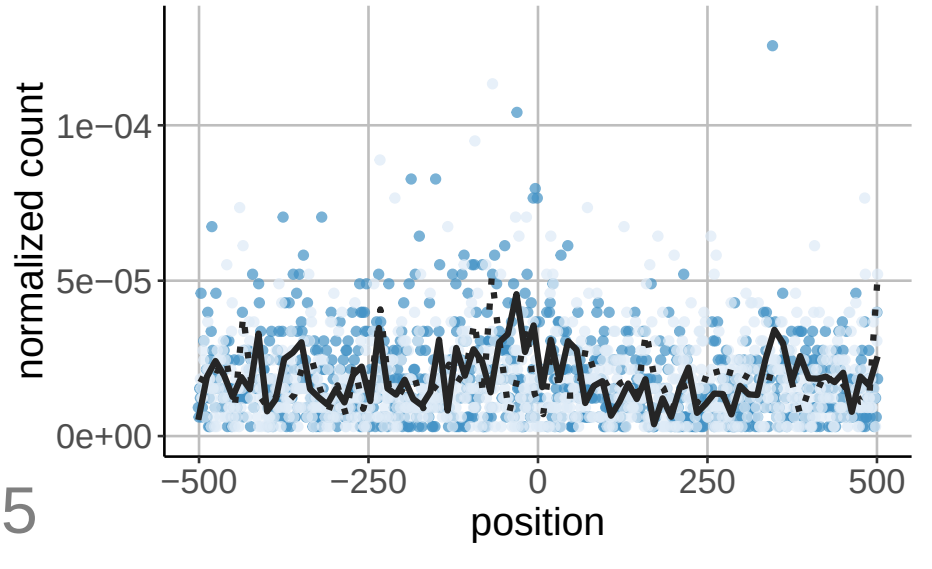

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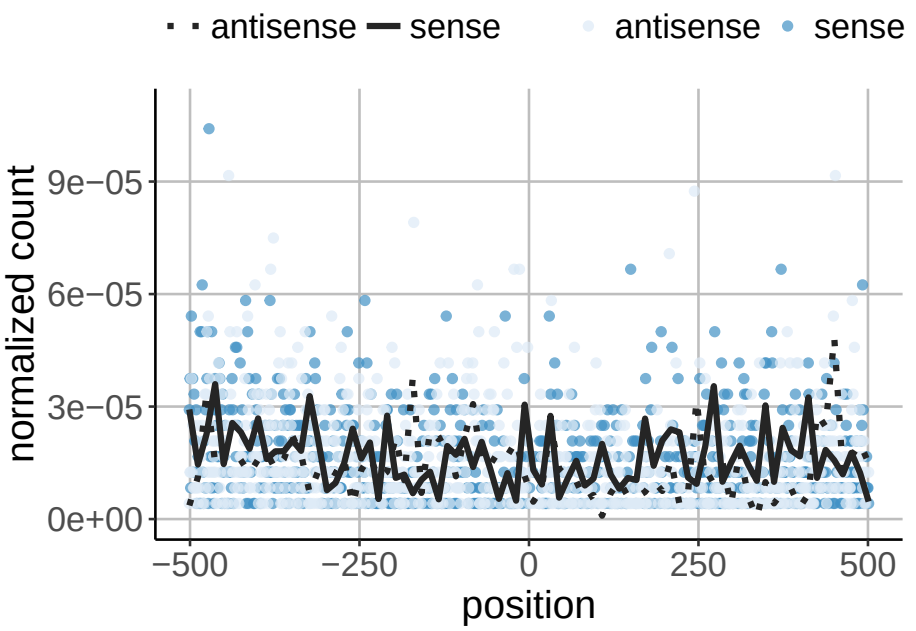

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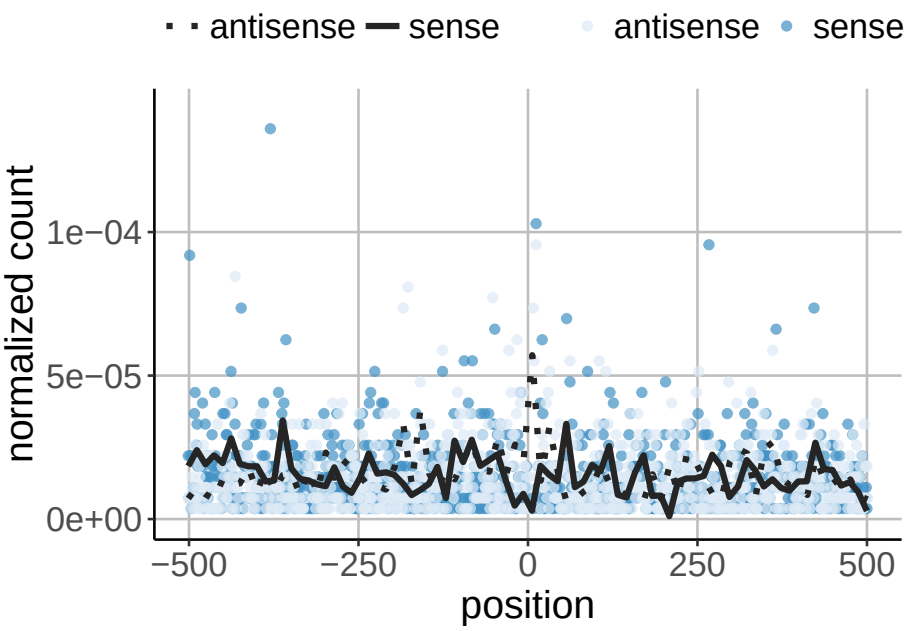

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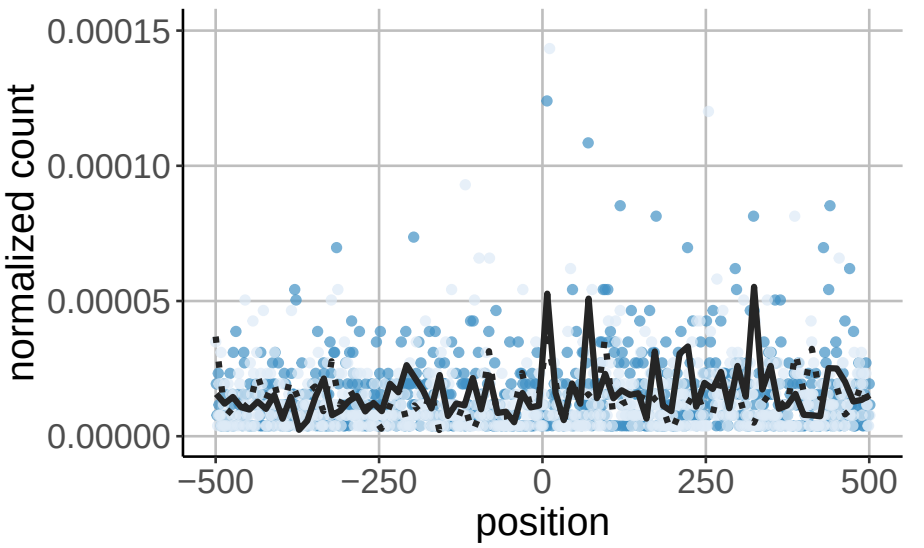

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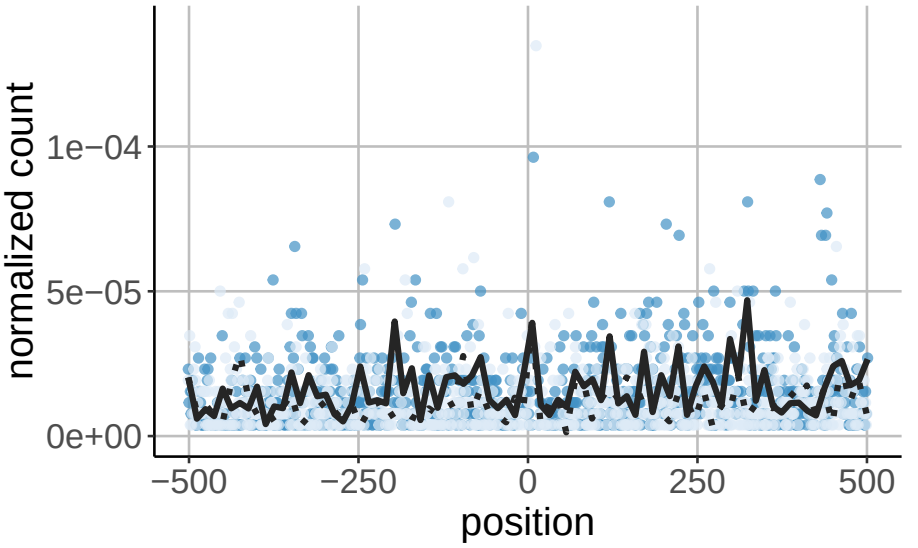

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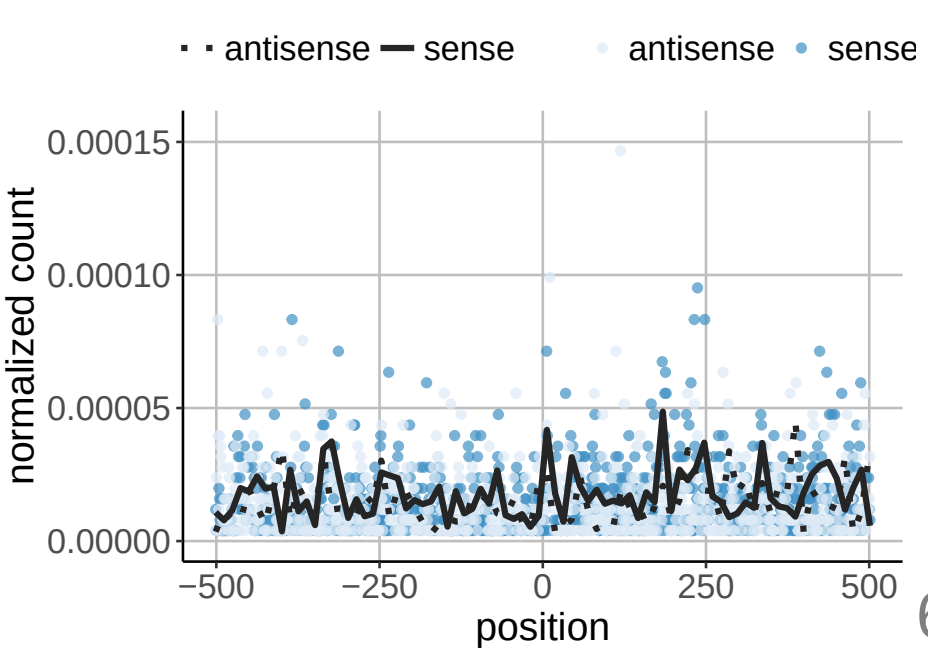

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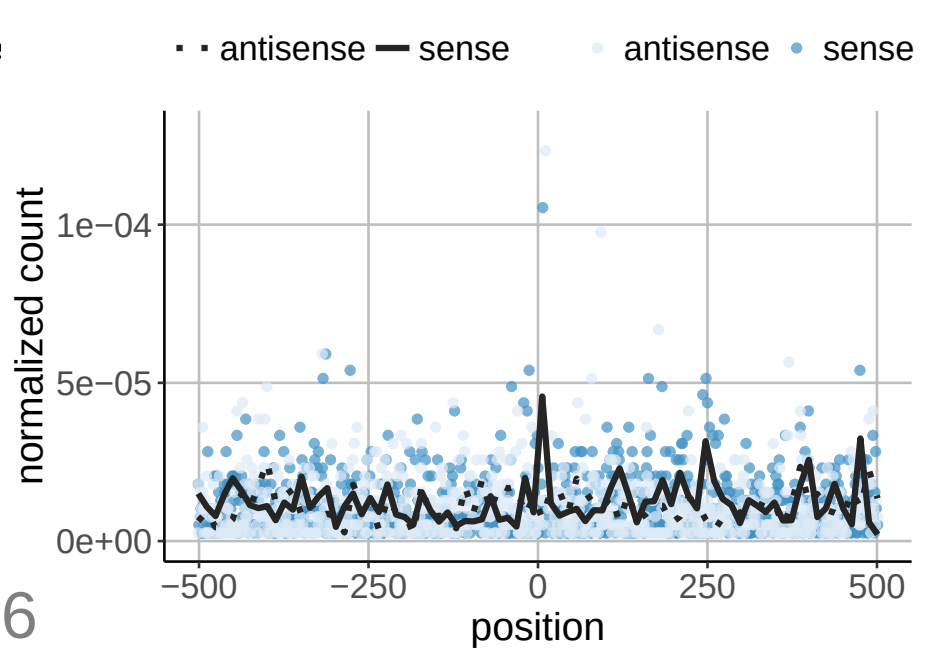

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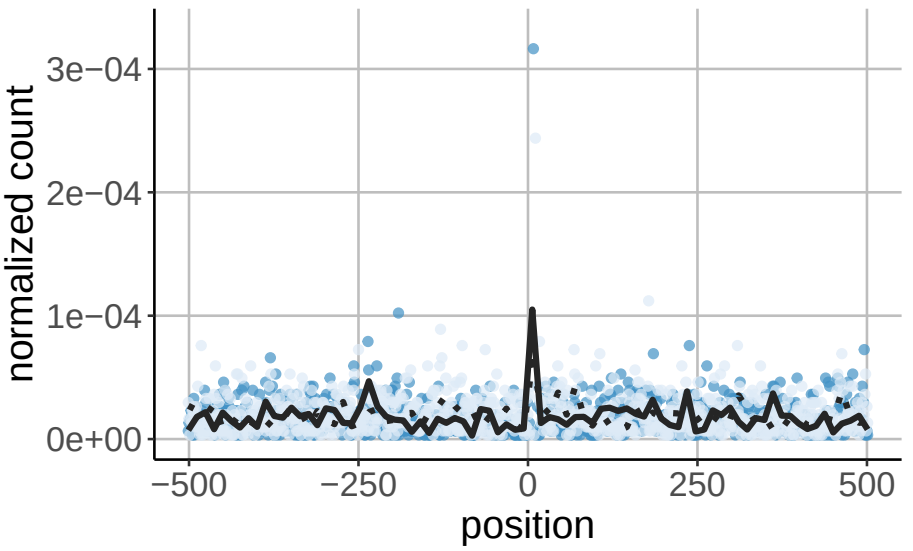

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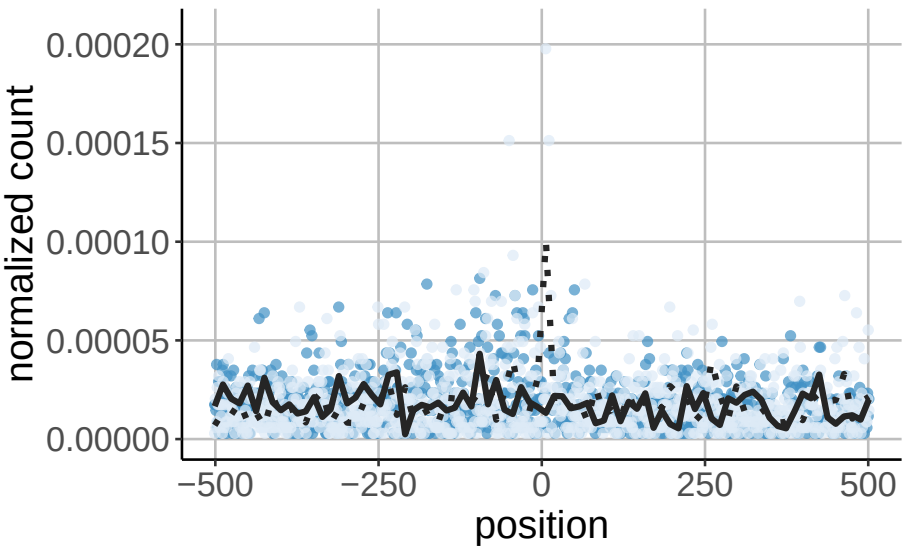

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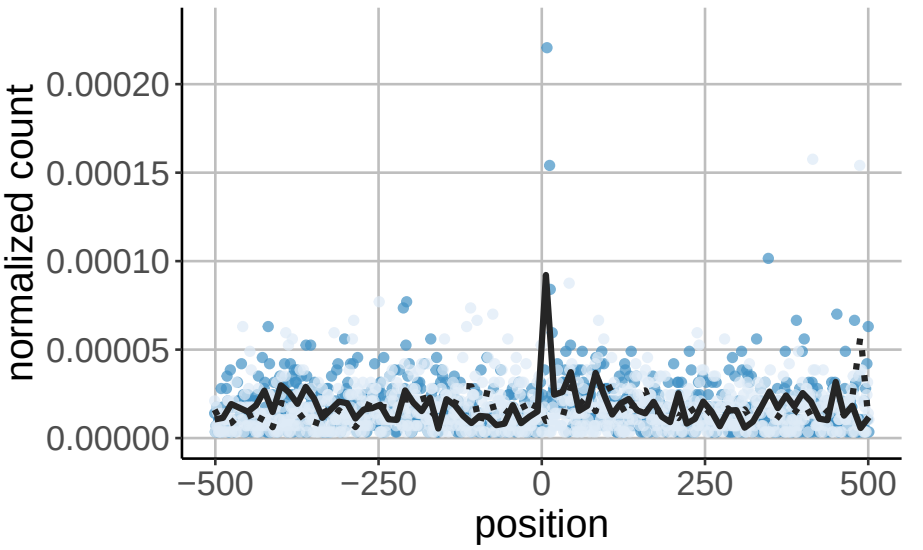

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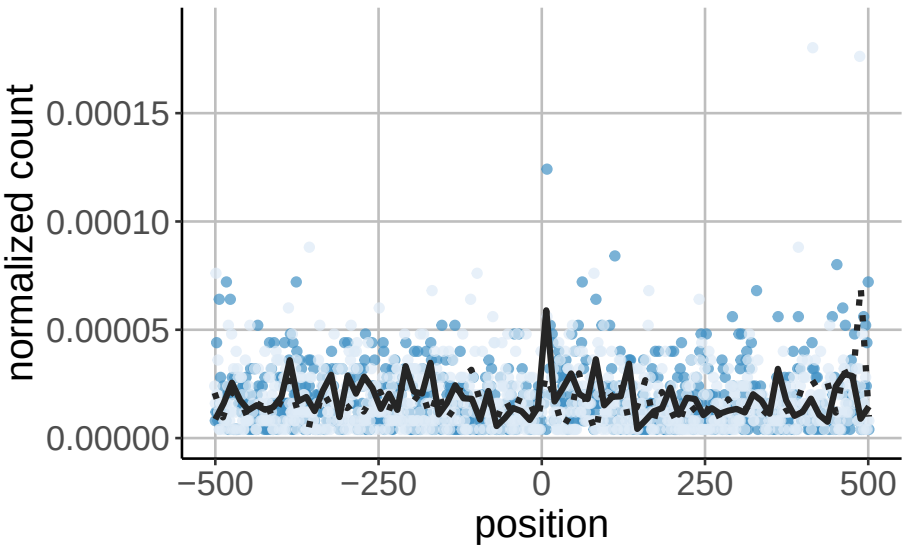
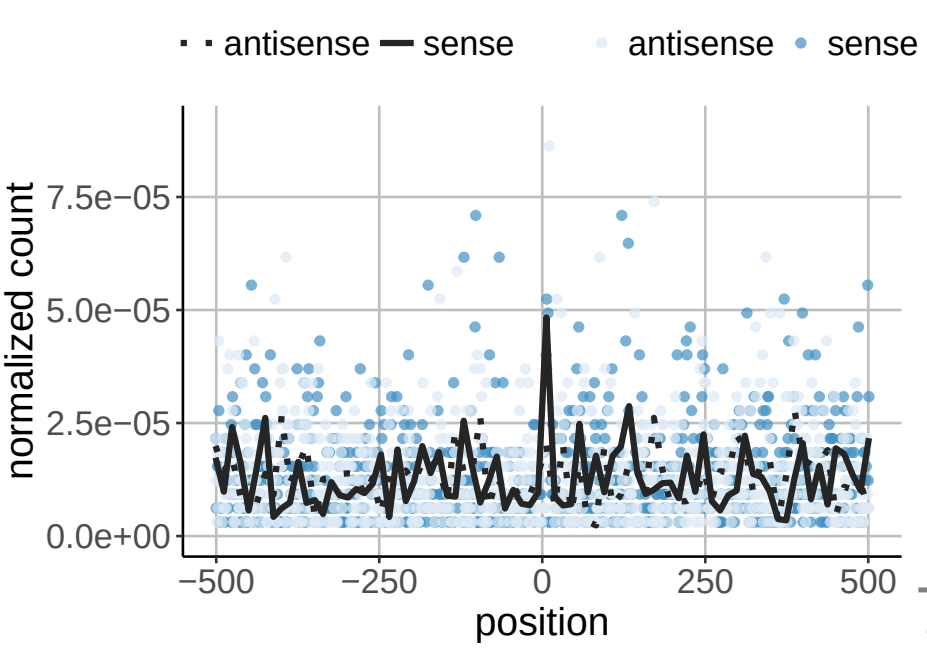
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