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VEP run statistics

VEP version (API)	115.2 (115)
Annotation sources	Cache: /home/adaso/.vep/gallus_gallus/115_bGalGal1.mat.broiler.GRCg7b
Species	gallus_gallus
Command line options	--input_file ../NGS_nextflow/results/variants/bcftools_snps.vcf.gz --offline --output_file ../NGS_nextflow/results/vep_bcftools2_1.txt --species gallus_gallus
Start time	2025-12-13 21:14:32
End time	2025-12-13 21:26:08
Run time	696 seconds
Input file	../NGS_nextflow/results/variants/bcftools_snps.vcf.gz
Output file	../NGS_nextflow/results/vep_bcftools2_1.txt

Data version

assembly	bGalGal1.mat.broiler.GRCg7b
dbSNP	150
genebuild	
regbuild	1.0
sift	sift

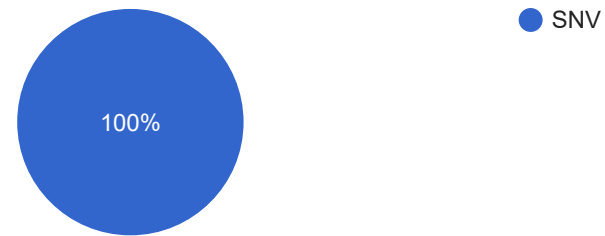
General statistics

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Lines of input read 1433423
Variants processed 1433423
Variants filtered out 0
Novel / existing variants -
Overlapped genes 23704
Overlapped transcripts 60574
Overlapped regulatory features -

Variant classes

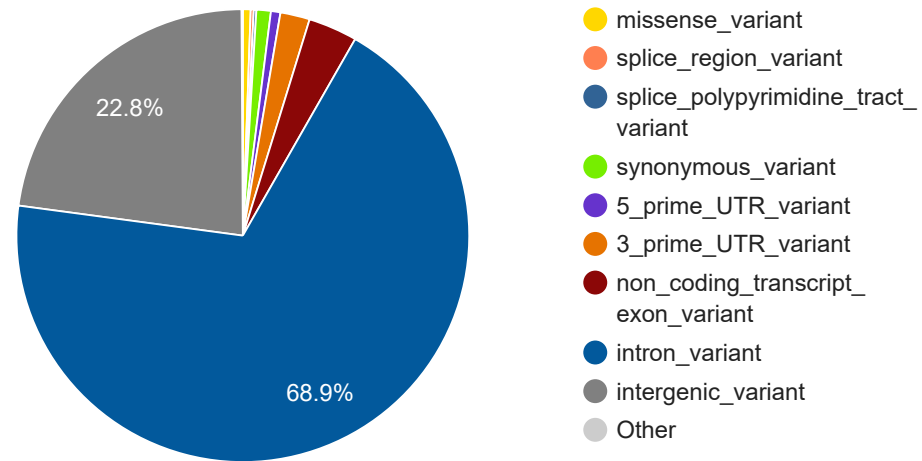


Variant class	Count
SNV	1,433,423

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Consequences (most severe)

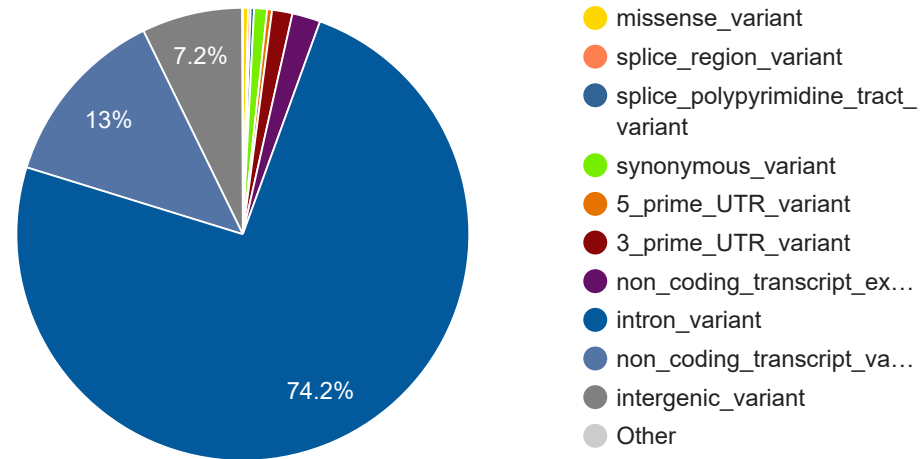


Consequence type	Count
splice_acceptor_variant	101
splice_donor_variant	179
stop_gained	113
stop_lost	18
start_lost	77
missense_variant	7,971
splice_donor_5th_base_variant	228
splice_region_variant	3,097

Consequences (all)

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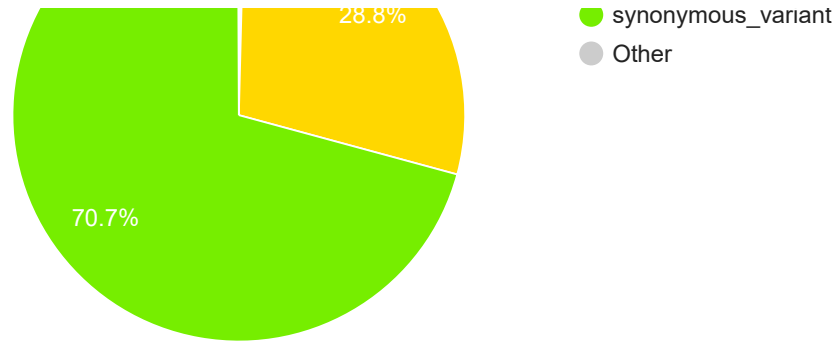
Consequence type	Count
splice_acceptor_variant	126
splice_donor_variant	241
stop_gained	152
stop_lost	23
start_lost	84
missense_variant	17,103
splice_donor_5th_base_variant	484
splice_region_variant	8,001

Coding consequences



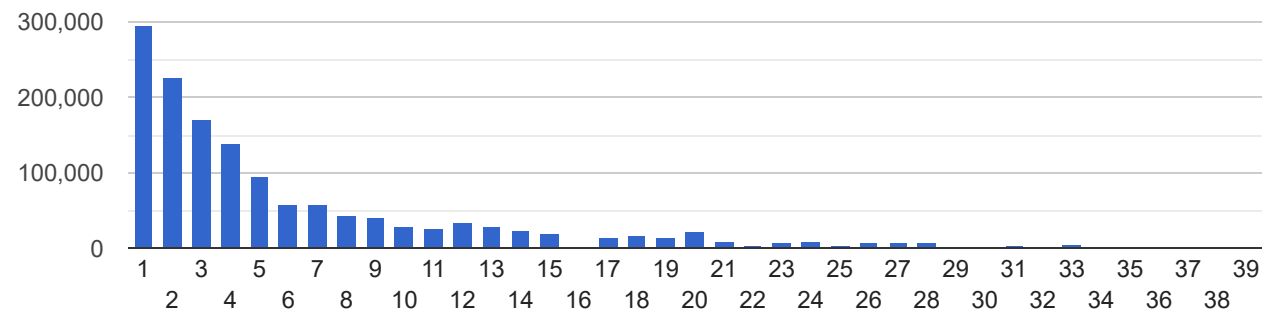
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Consequence type	Count
stop_gained	152
stop_lost	23
start_lost	84
missense_variant	17,103
start_retained_variant	2
stop_retained_variant	16
synonymous_variant	41,957

Variants by chromosome

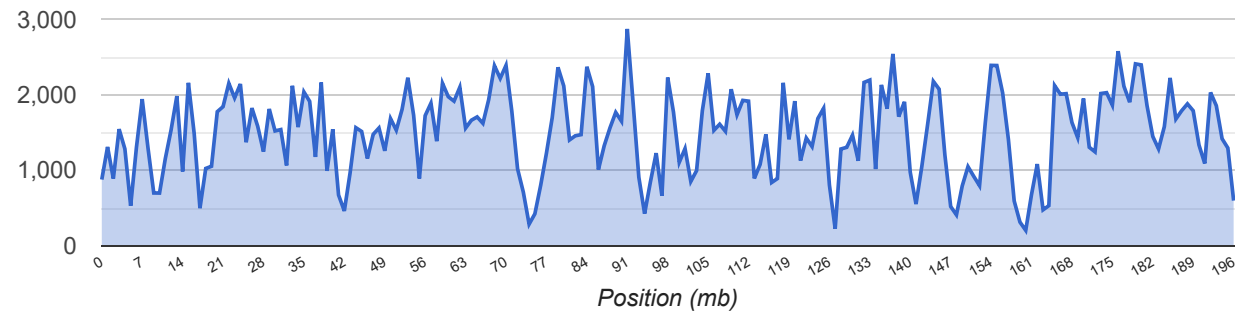


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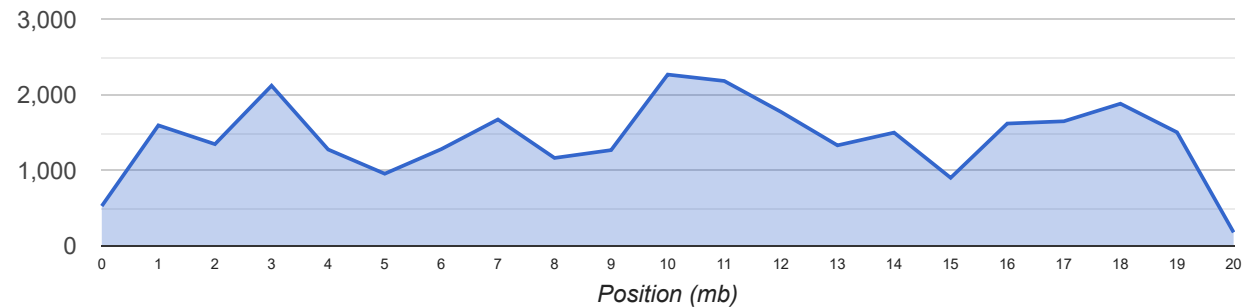
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Chromosome	Count
1	294,067
2	227,741
3	170,680
4	138,274
5	95,707
6	57,330
7	59,666
8	43,813
9	40,572

Distribution of variants on chromosome 1

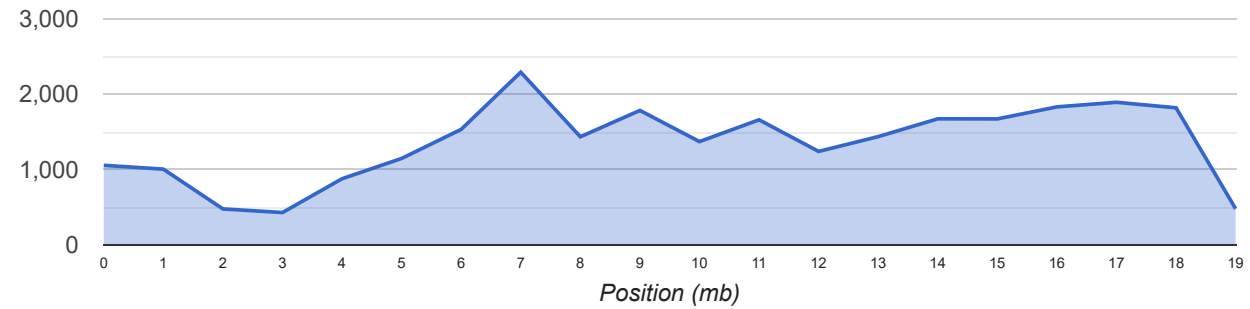
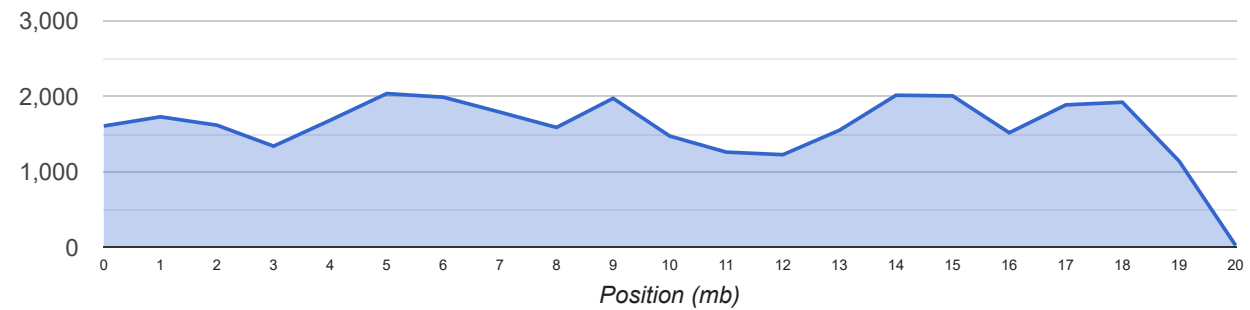
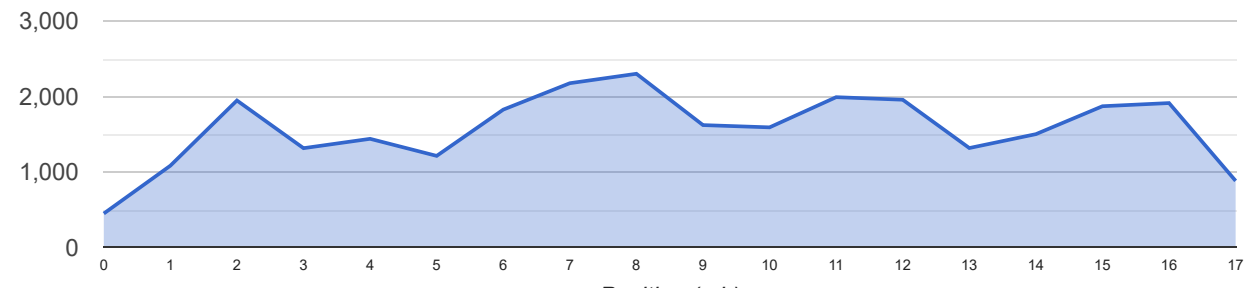


Distribution of variants on chromosome 10



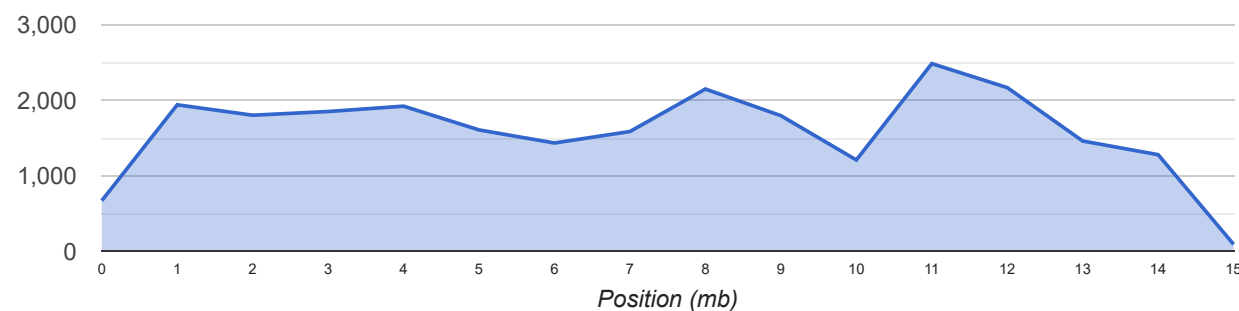
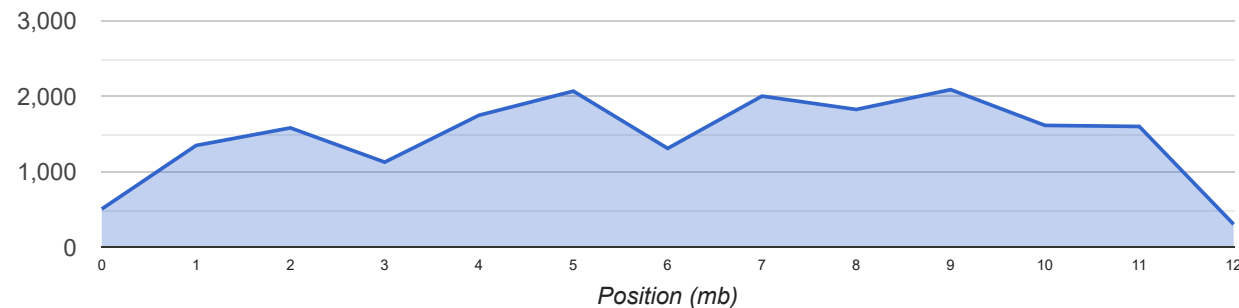
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Distribution of variants on chromosome 11**Distribution of variants on chromosome 12****Distribution of variants on chromosome 13**

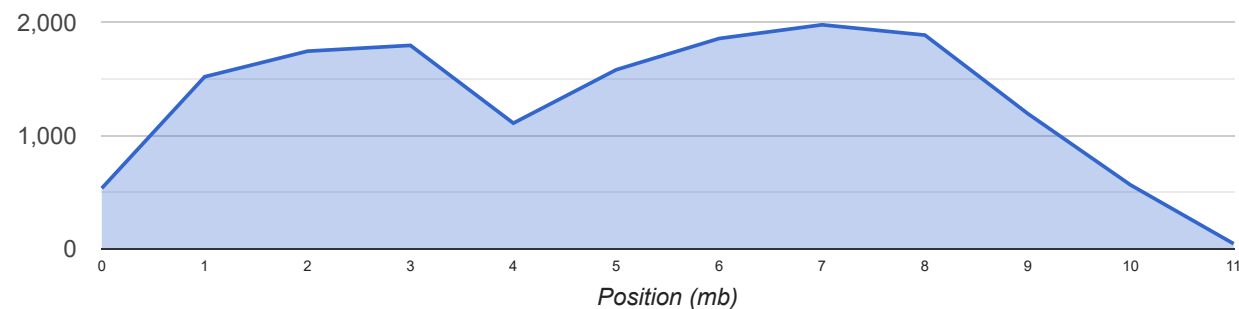
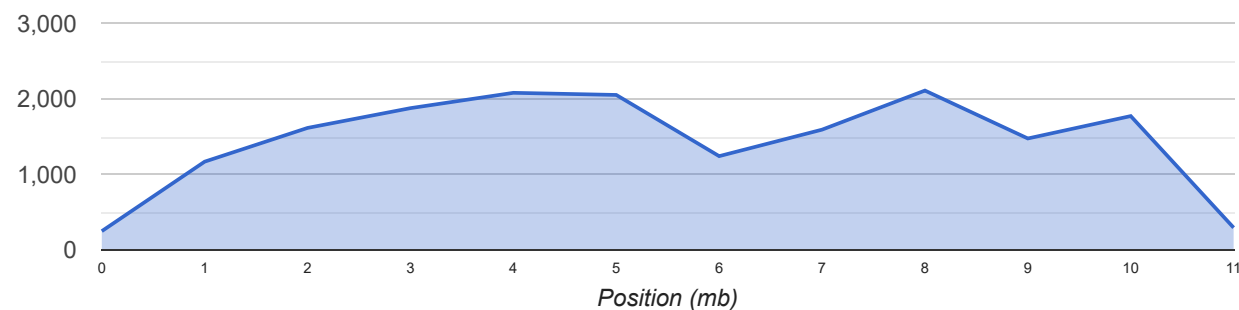
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*Position (mb)***Distribution of variants on chromosome 14****Distribution of variants on chromosome 15****Distribution of variants on chromosome 16**

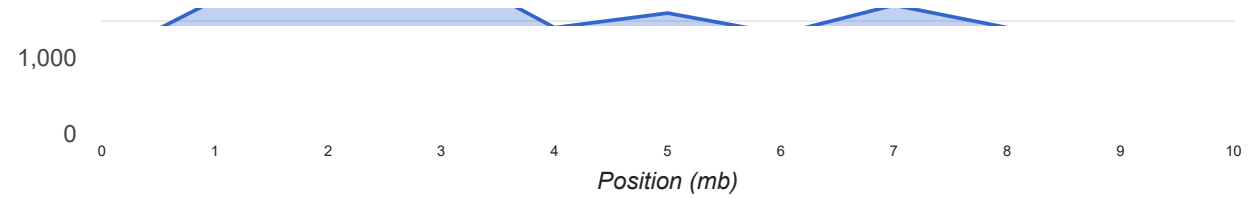
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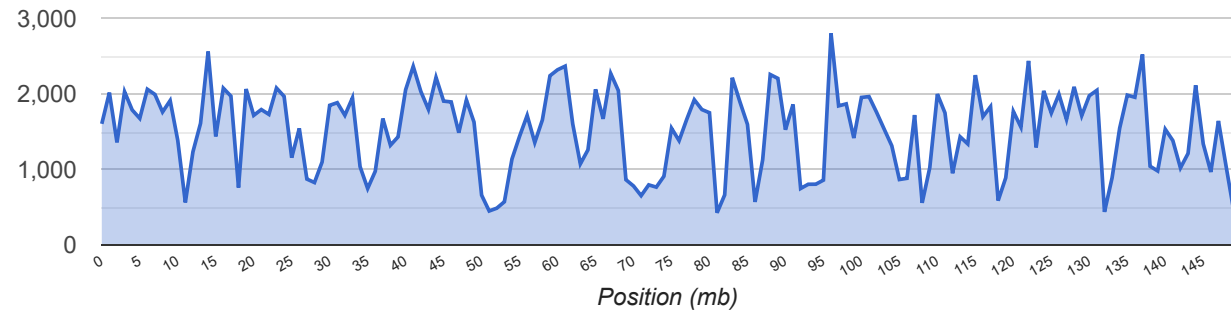
**Distribution of variants on chromosome 17****Distribution of variants on chromosome 18****Distribution of variants on chromosome 19**

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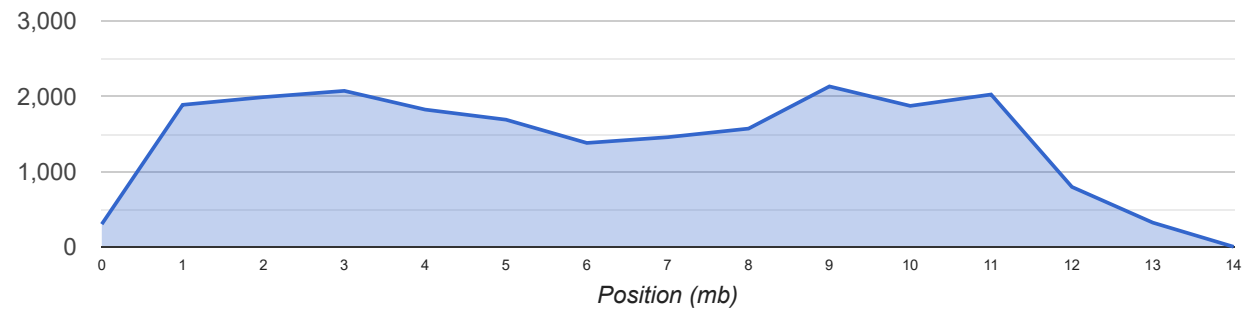
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Distribution of variants on chromosome 2



Distribution of variants on chromosome 20

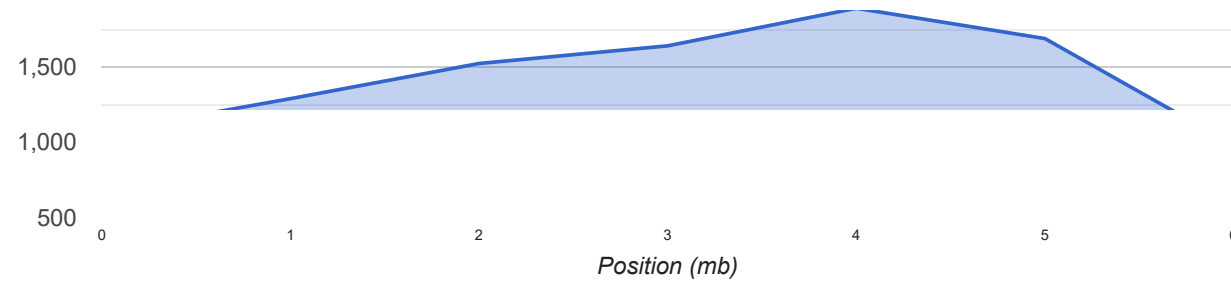
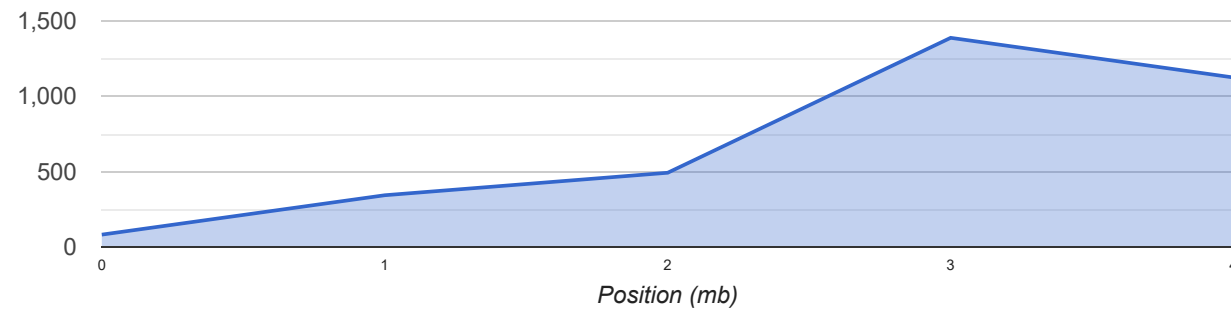
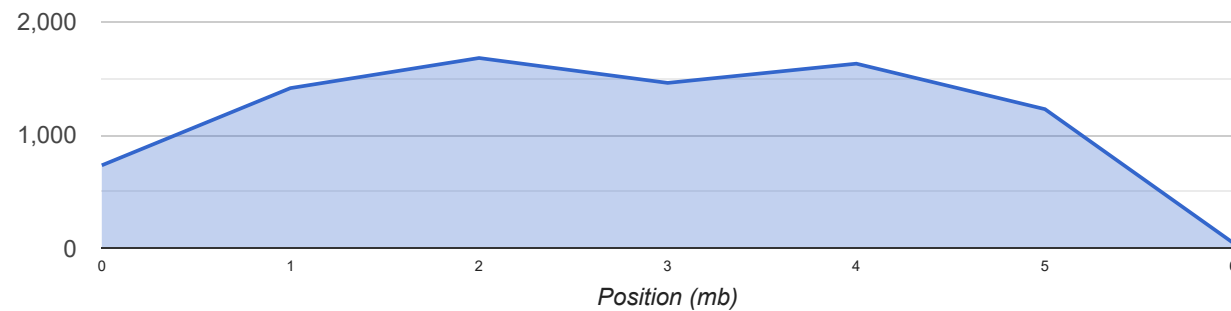


Distribution of variants on chromosome 21



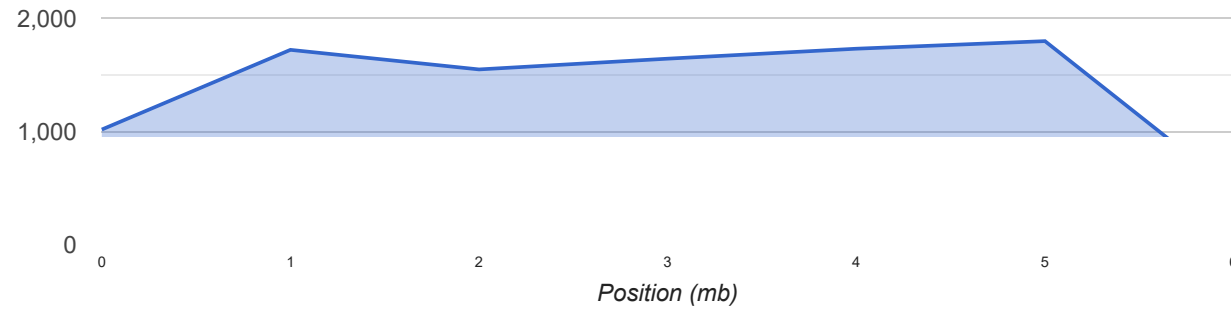
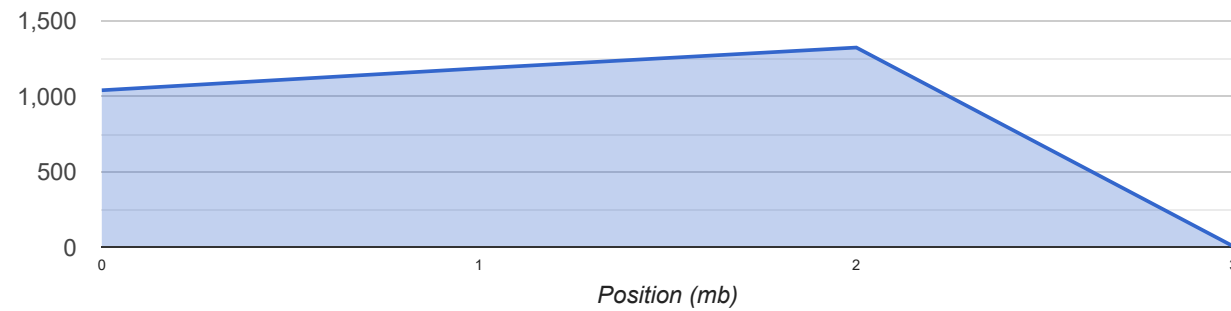
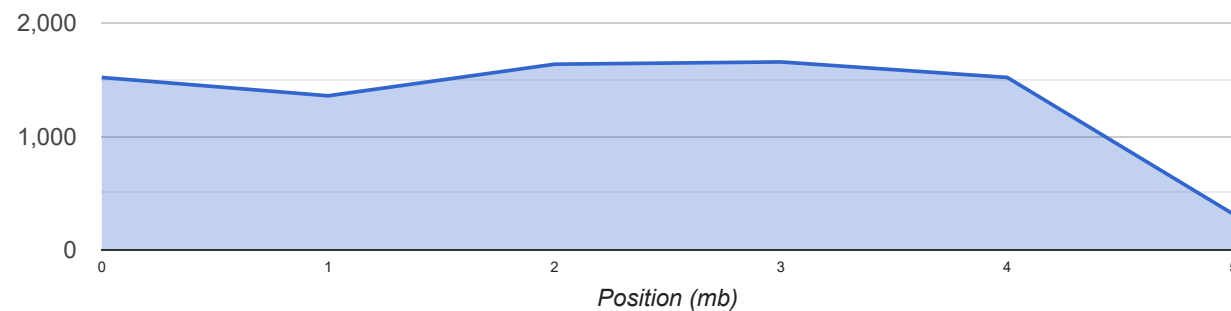
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**Distribution of variants on chromosome 22****Distribution of variants on chromosome 23****Distribution of variants on chromosome 24**

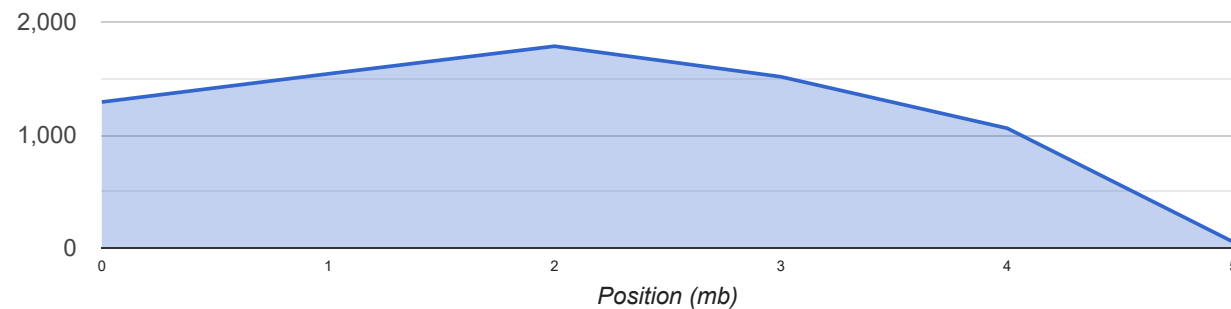
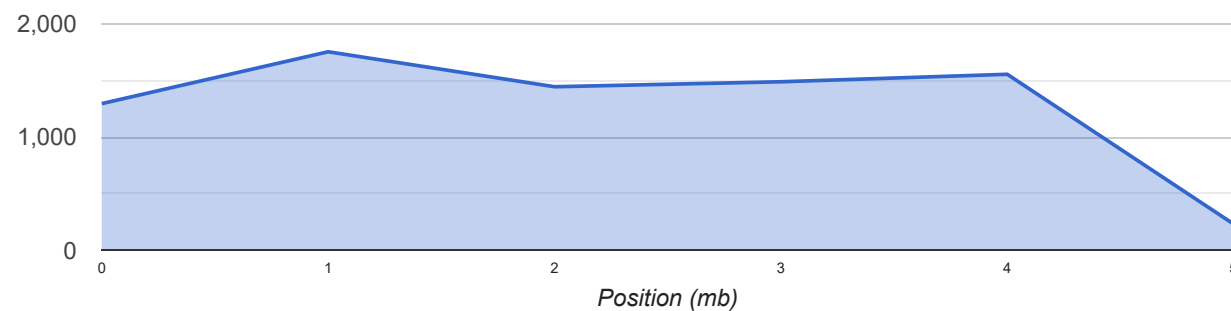
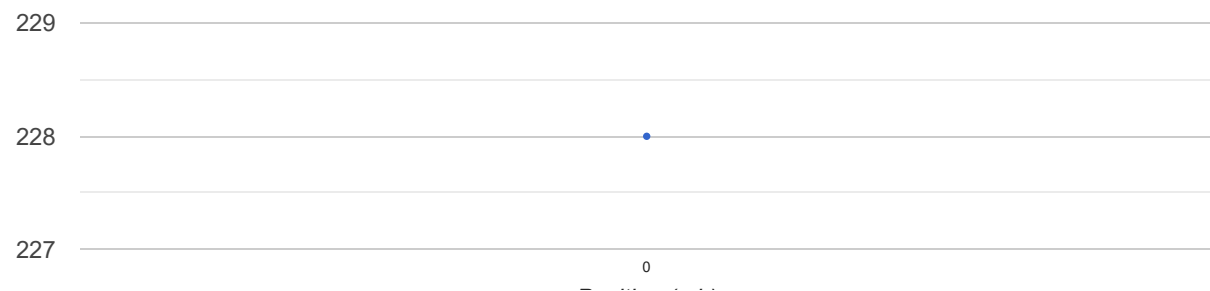
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**Distribution of variants on chromosome 25****Distribution of variants on chromosome 26**

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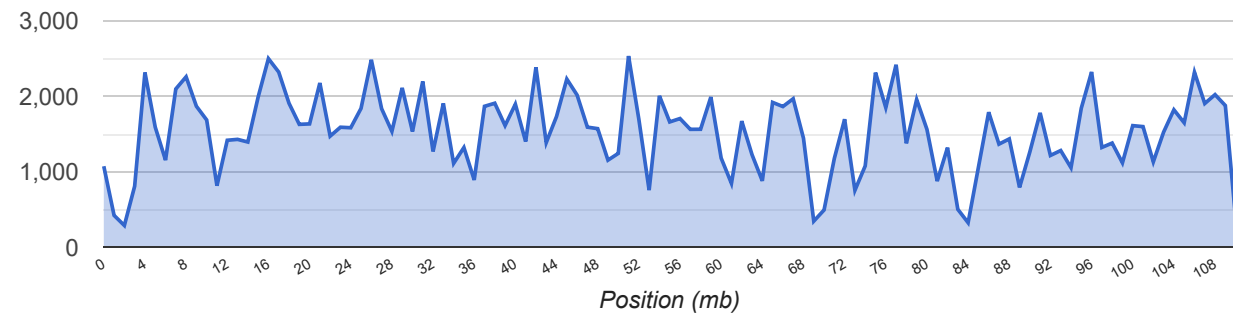
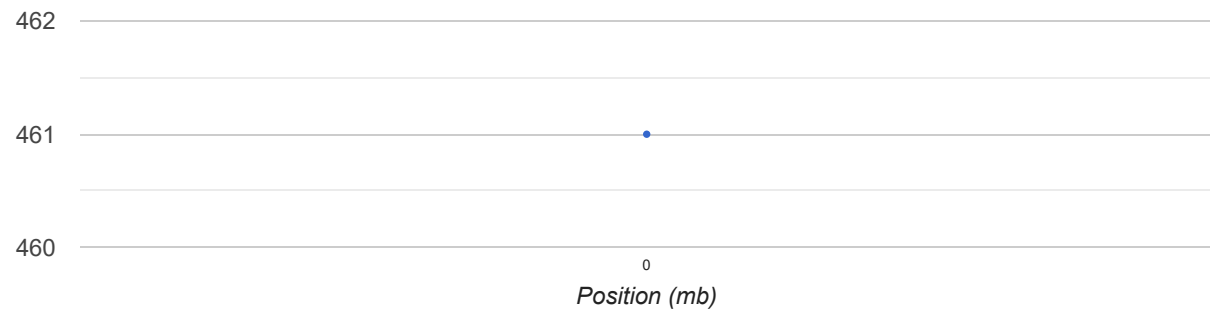
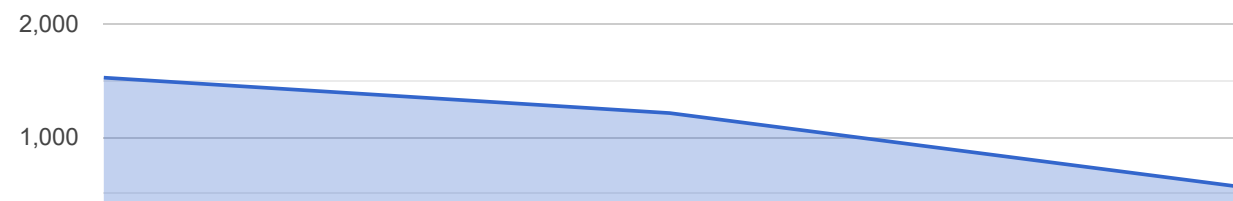
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Distribution of variants on chromosome 27**Distribution of variants on chromosome 28****Distribution of variants on chromosome 29**

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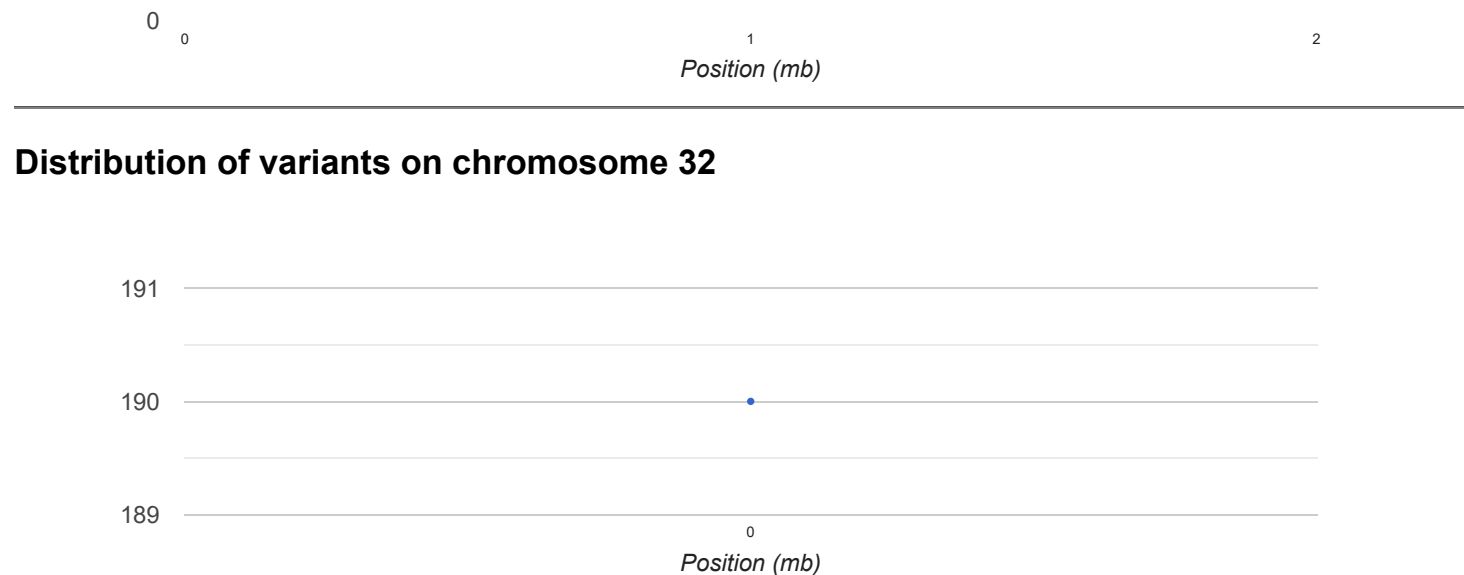
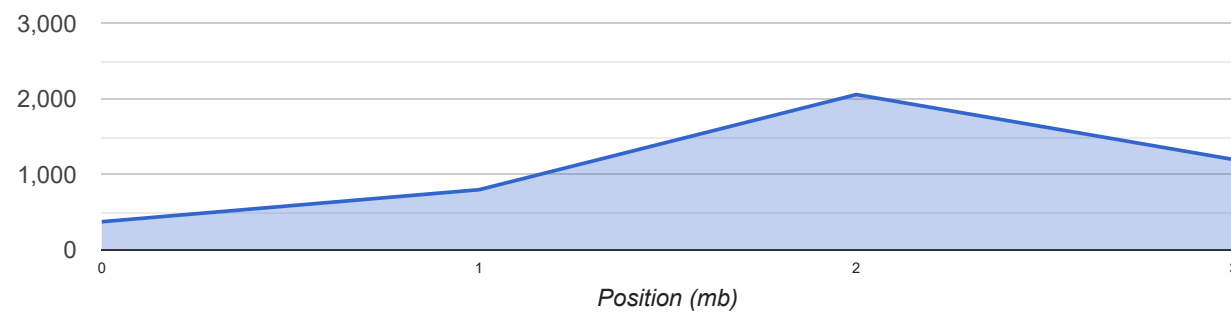
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Position (mb)

Distribution of variants on chromosome 3**Distribution of variants on chromosome 30****Distribution of variants on chromosome 31**

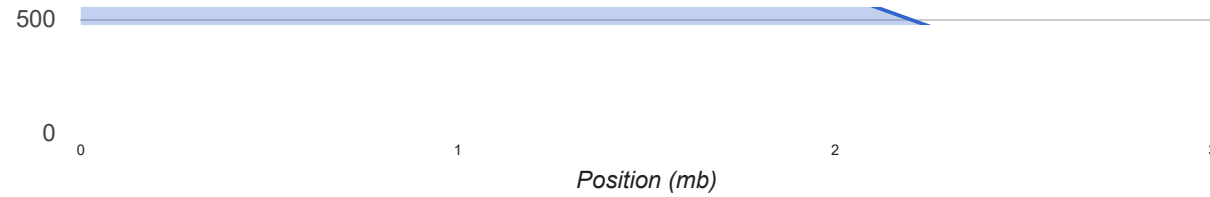
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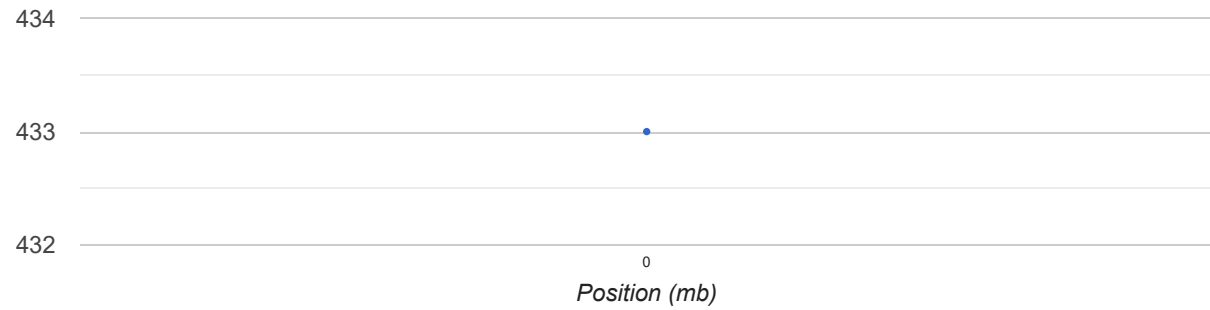
**Distribution of variants on chromosome 33****Distribution of variants on chromosome 34**

Links

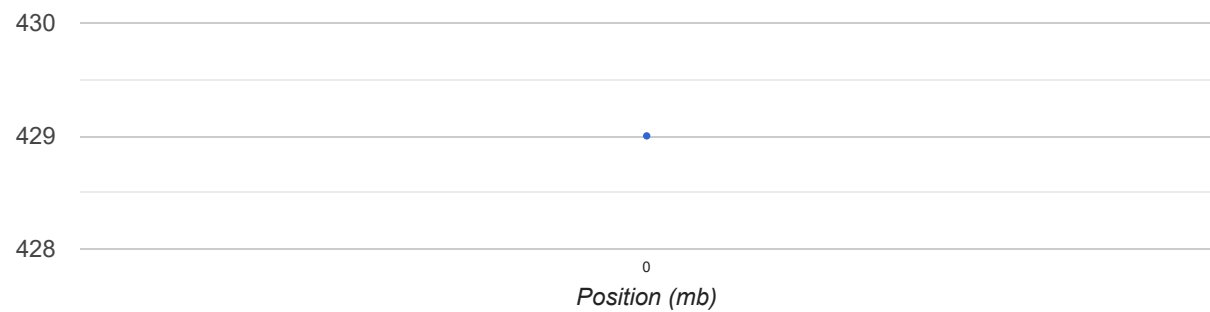
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Distribution of variants on chromosome 35



Distribution of variants on chromosome 36



Distribution of variants on chromosome 37

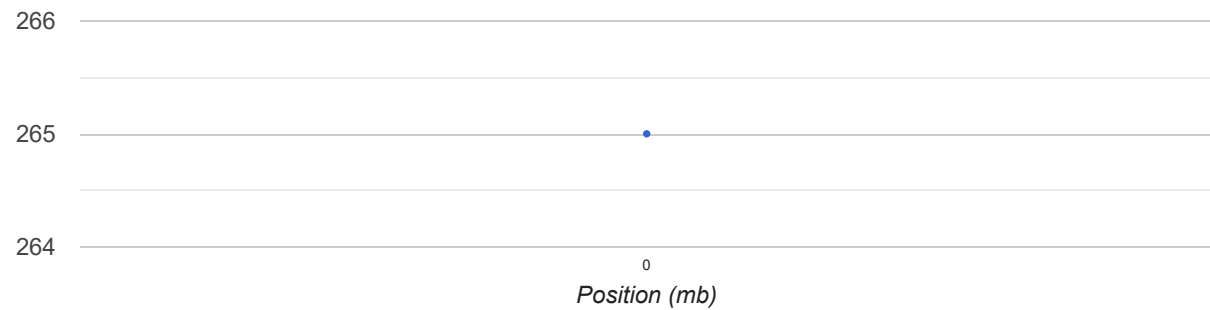


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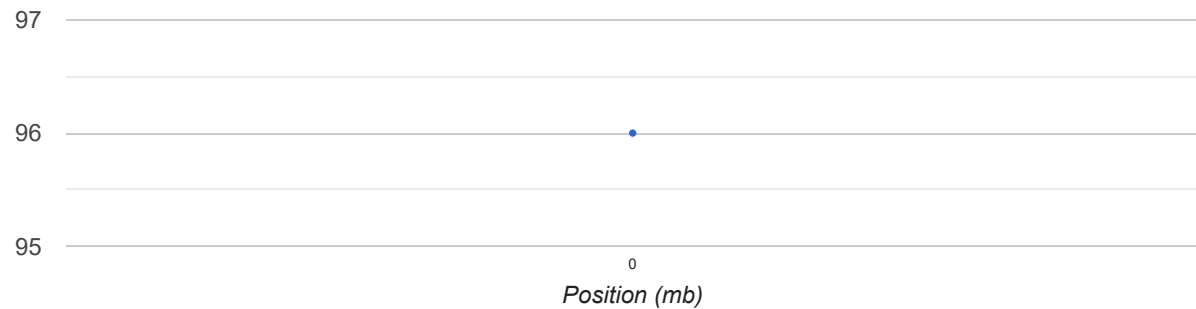
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Distribution of variants on chromosome 38



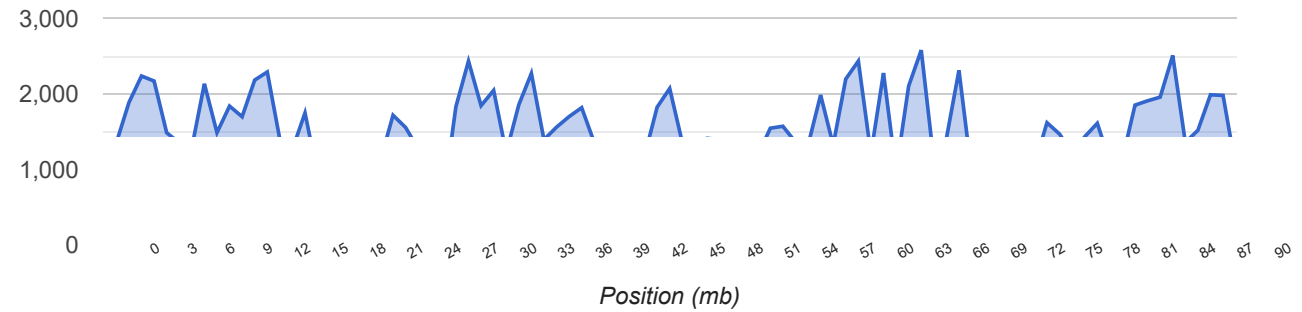
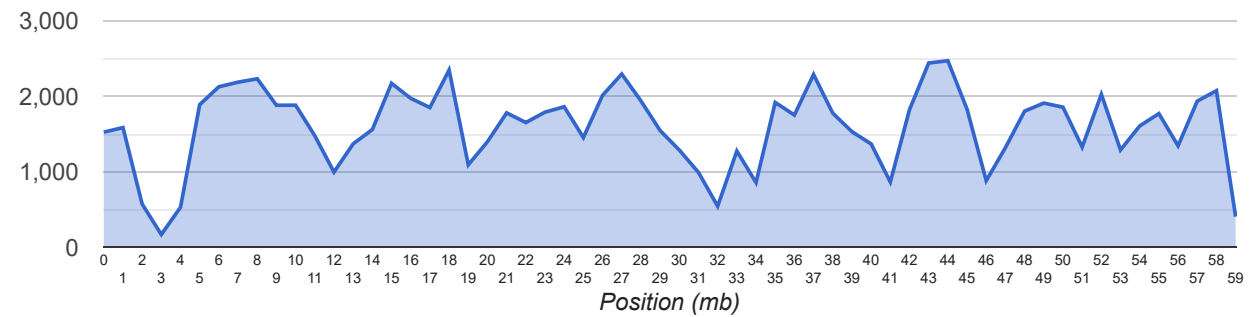
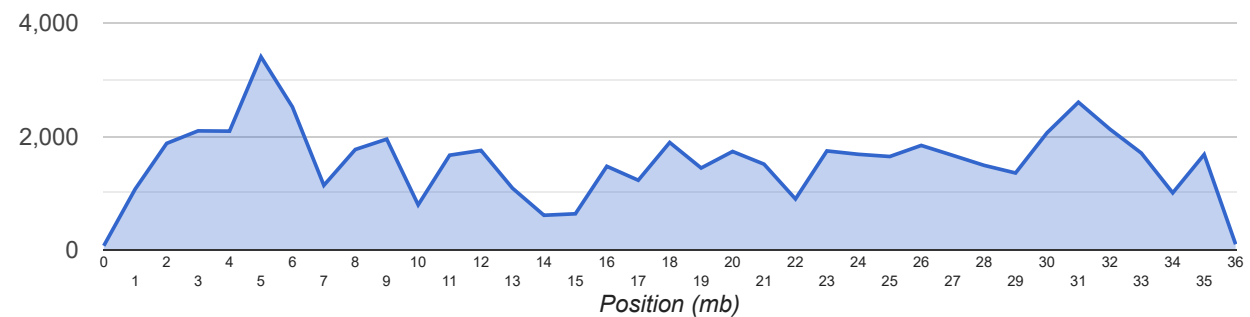
Distribution of variants on chromosome 39



Distribution of variants on chromosome 4

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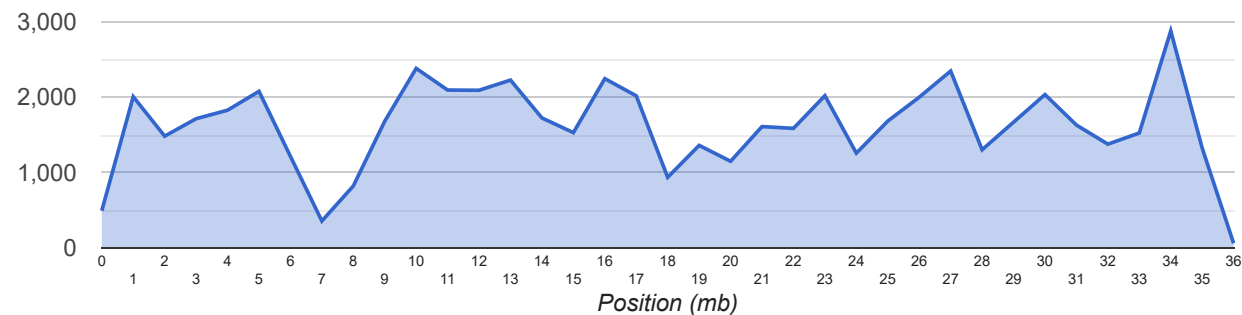
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**Distribution of variants on chromosome 5****Distribution of variants on chromosome 6**

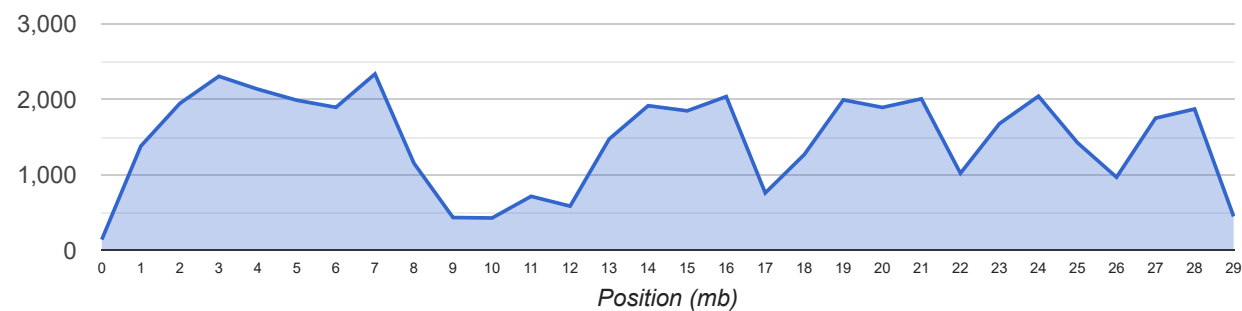
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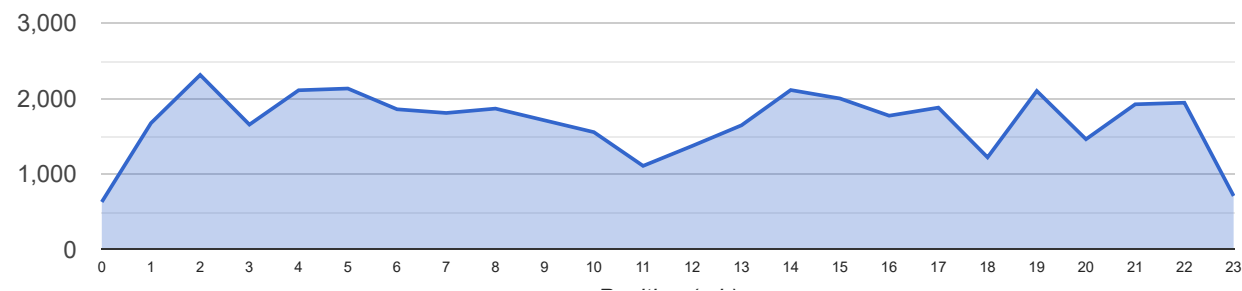
Distribution of variants on chromosome 7



Distribution of variants on chromosome 8



Distribution of variants on chromosome 9



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*Position (mb)***Position in protein**