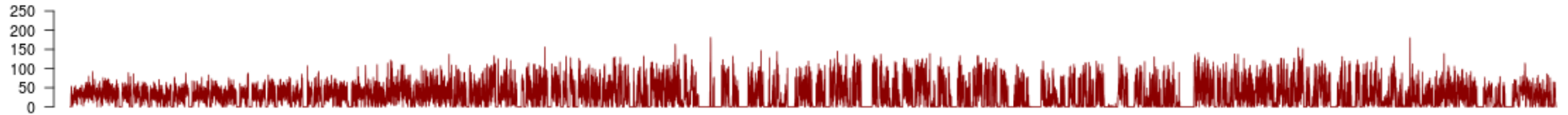


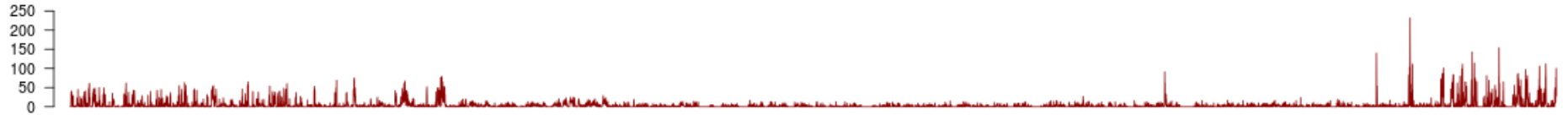
Supplementary data S3. Distribution of homozygous (red) and heterozygous (blue) polymorphisms along all the chromosomes for the seven *S. melongena* and one *S. incanum* (MM577) accessions resequenced identified using the *S. melongena* accession "67/3" as a reference genome (Barchi et al., 2019a). The peaks represent high frequencies of polymorphisms in a window size of 10 Mbp. The dashed lines of the same colour indicate similar patterns of polymorphisms distribution.

Chromosome 1 homozygous variants

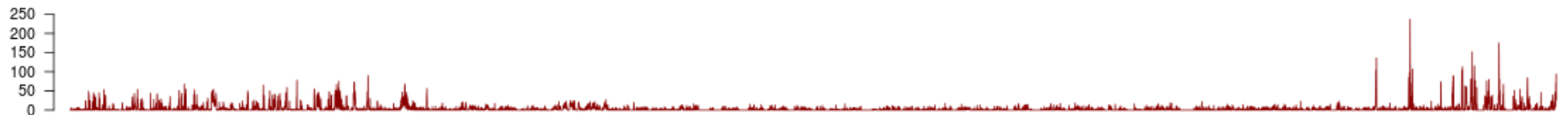
MM577



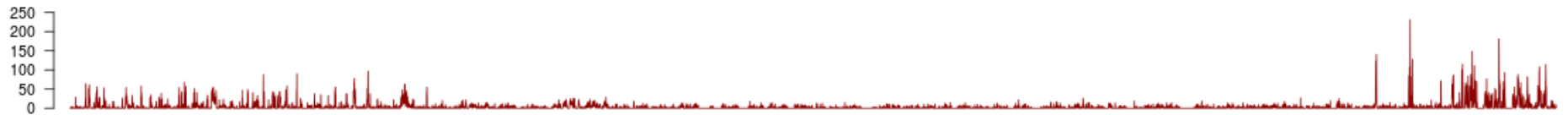
MM1597



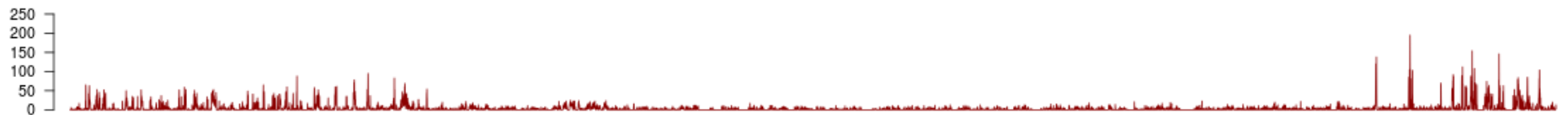
DH ECAVI



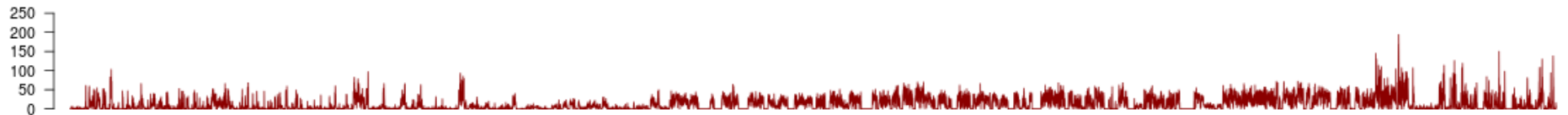
AN-S-26



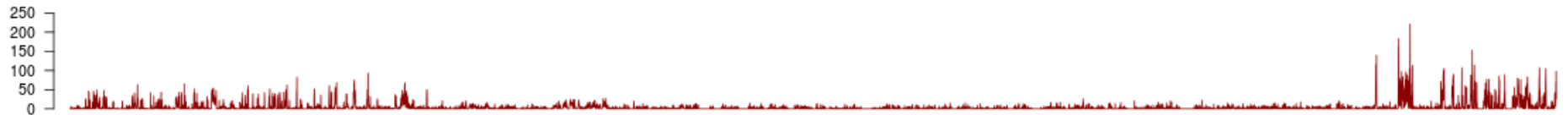
H15



A0416



IVIA-371



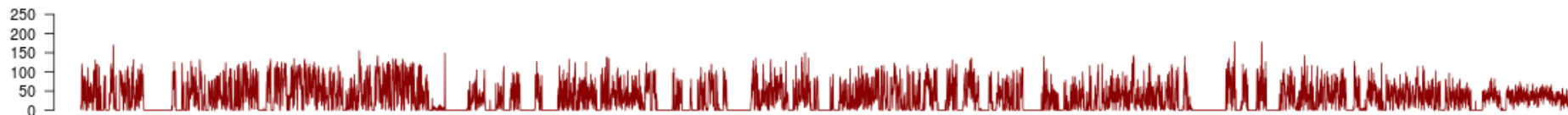
ASI-S-1



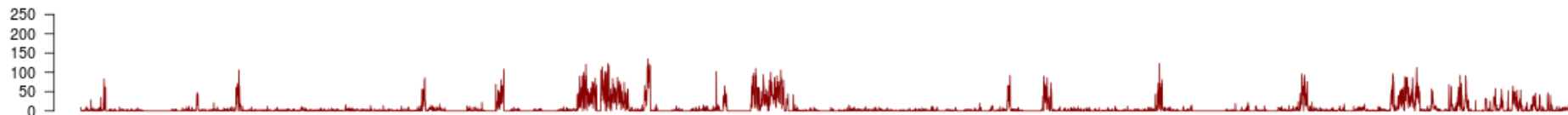
0 20 40 60 80 100 120 140

Chromosome 2 homozygous variants

MM577



MM1597



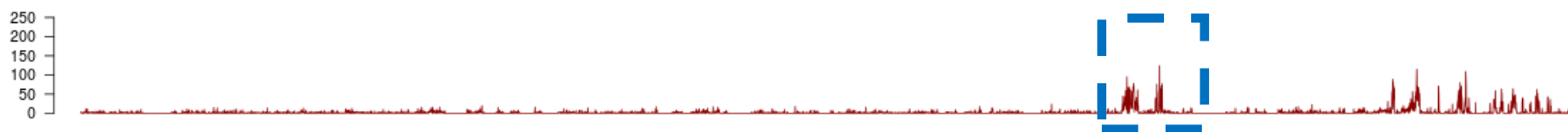
DH ECAVI



AN-S-26



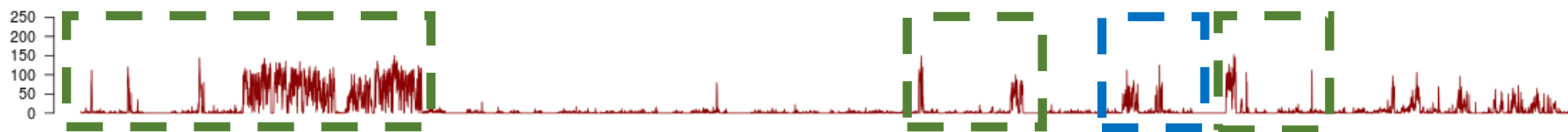
H15



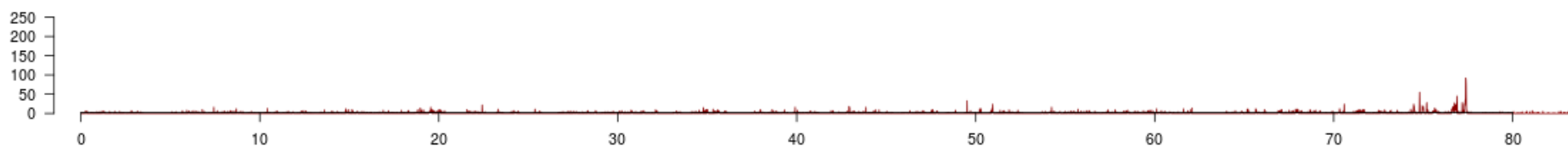
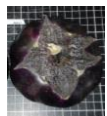
A0416



IVIA-371

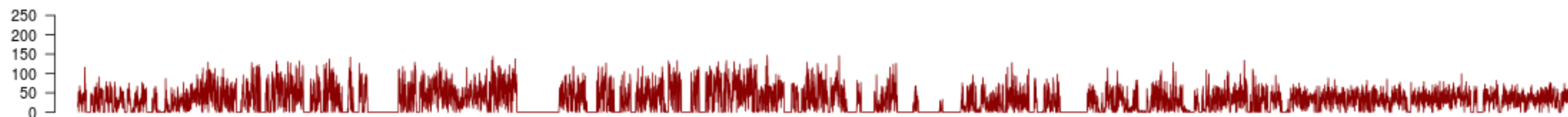


ASI-S-1

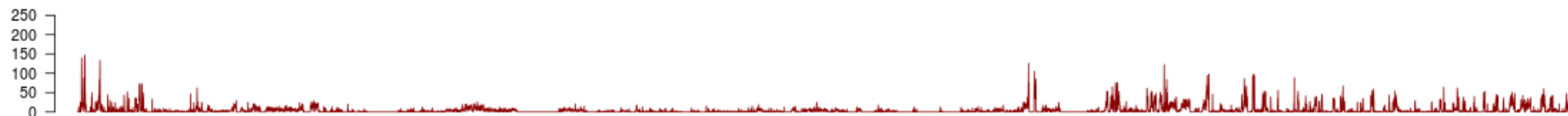


Chromosome 3 homozygous variants

MM577



MM1597



DH ECAVI



AN-S-26



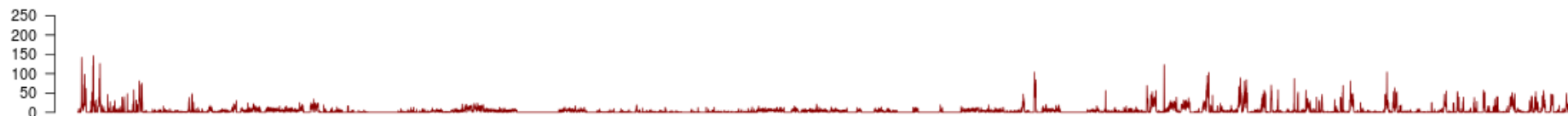
H15



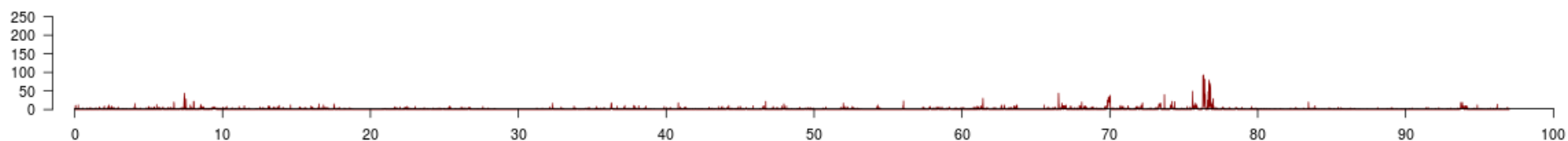
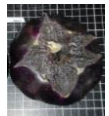
A0416



IVIA-371

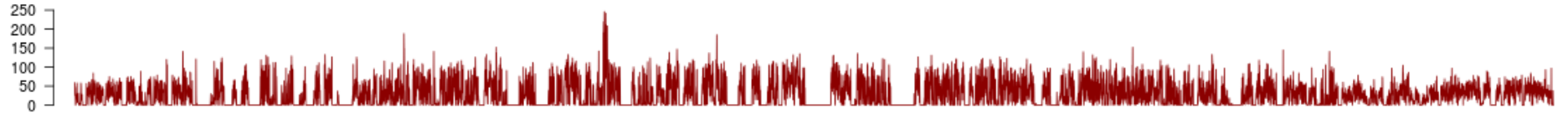


ASI-S-1



Chromosome 4 homozygous variants

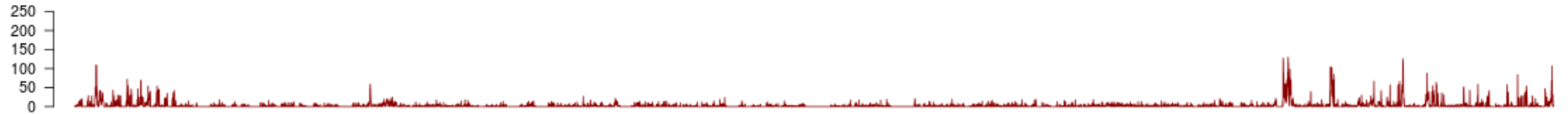
MM577



MM1597



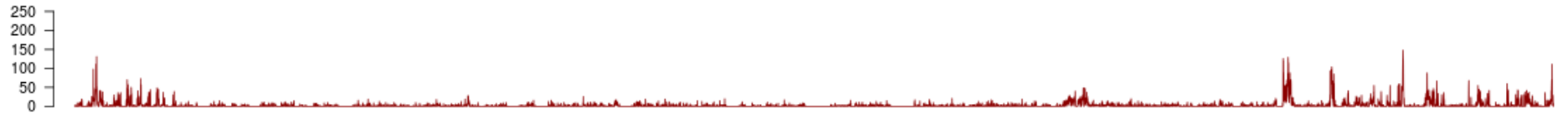
DH ECAVI



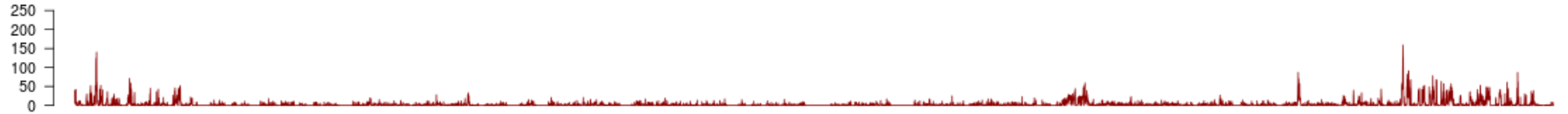
AN-S-26



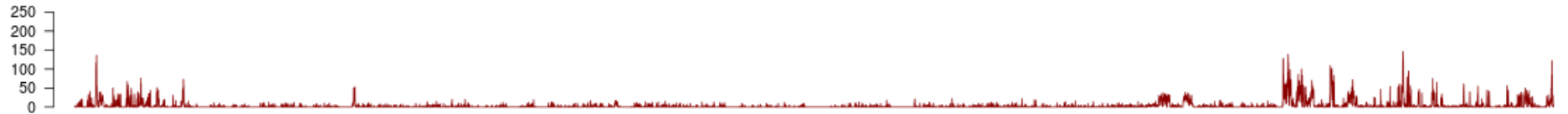
H15



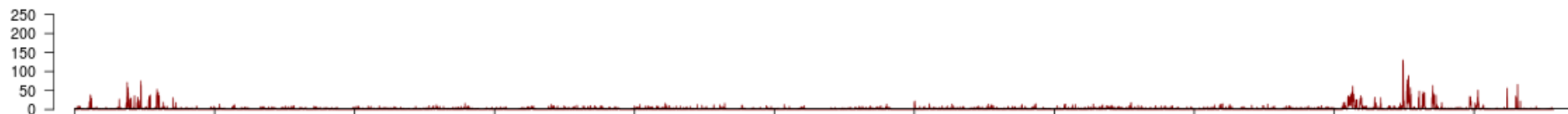
A0416



IVIA-371



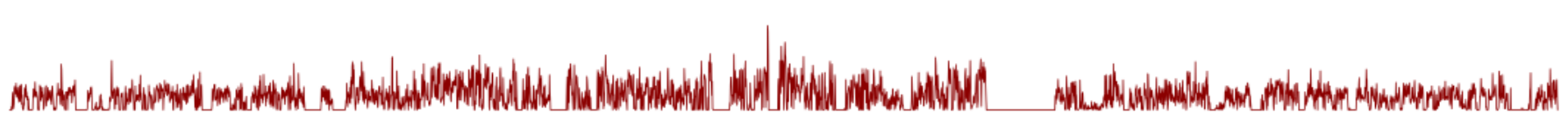
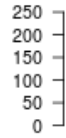
ASI-S-1



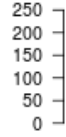
0 10 20 30 40 50 60 70 80 90 100 110

Chromosome 5 homozygous variants

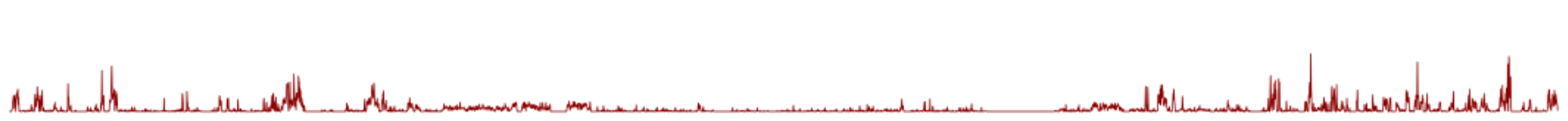
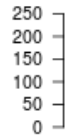
MM577



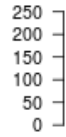
MM1597



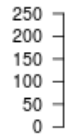
DH ECAVI



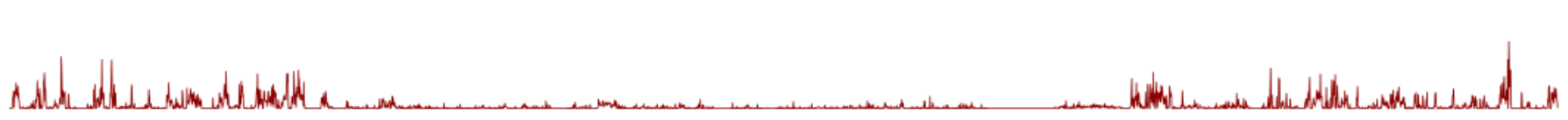
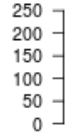
AN-S-26



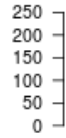
H15



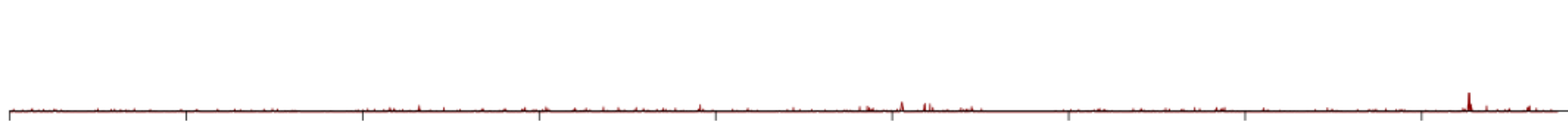
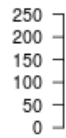
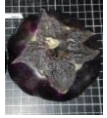
A0416



IVIA-371

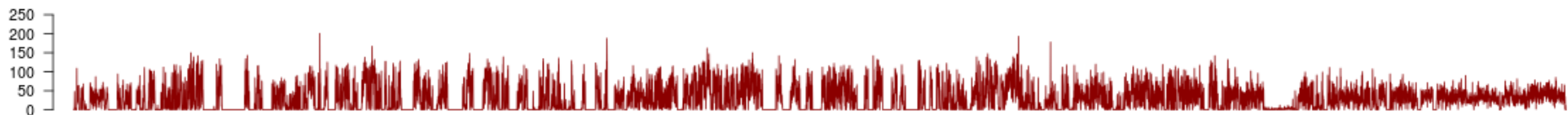


ASI-S-1

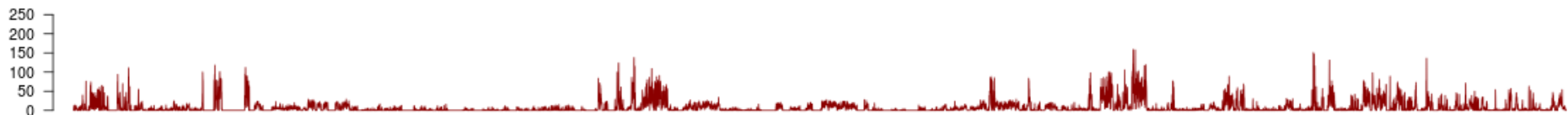


Chromosome 6 homozygous variants

MM577



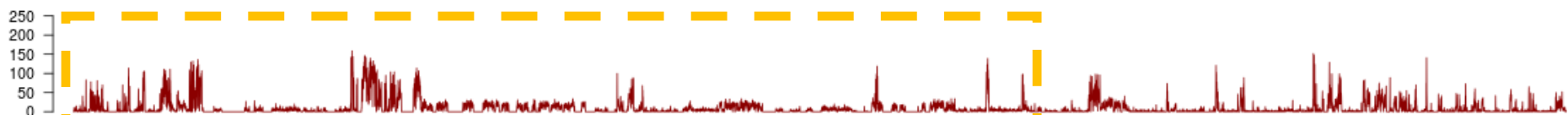
MM1597



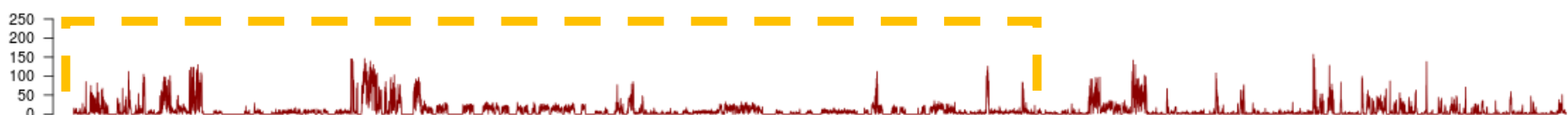
DH ECAVI



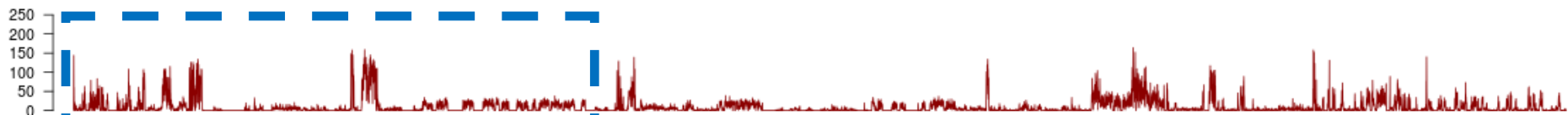
AN-S-26



H15



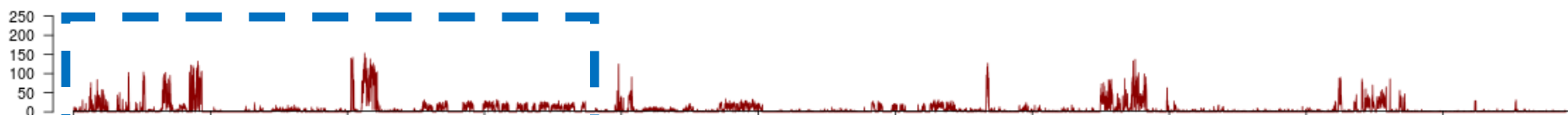
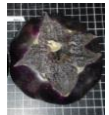
A0416



IVIA-371



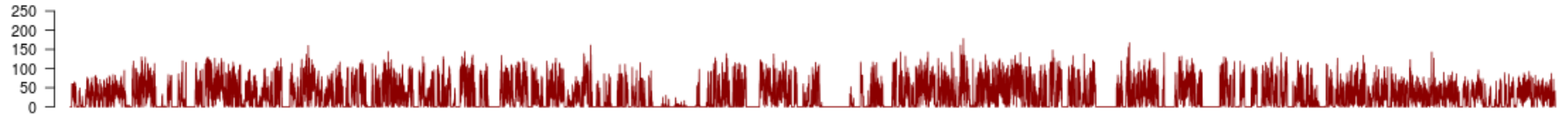
ASI-S-1



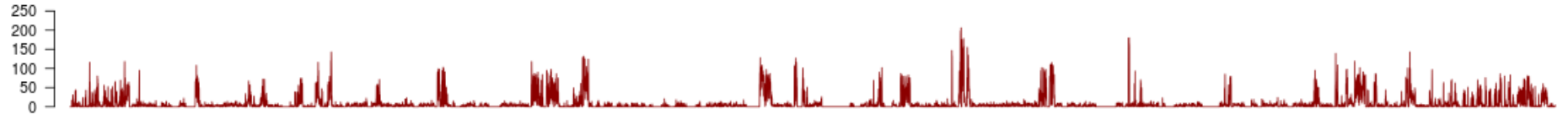
0 10 20 30 40 50 60 70 80 90 100 110

Chromosome 7 homozygous variants

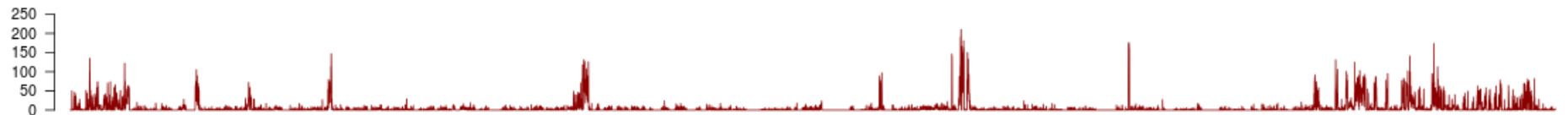
MM577



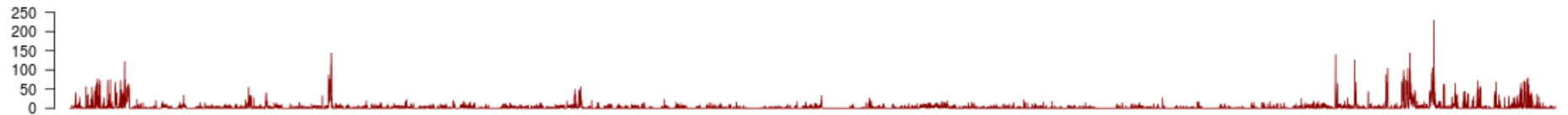
MM1597



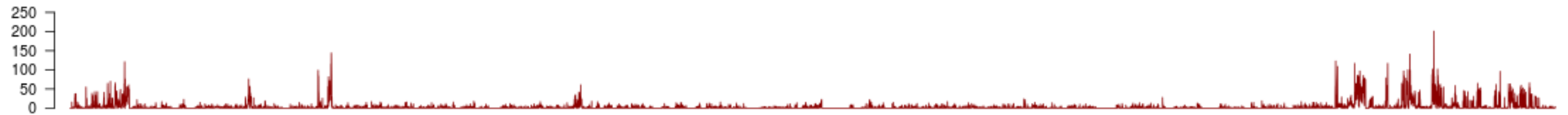
DH ECAVI



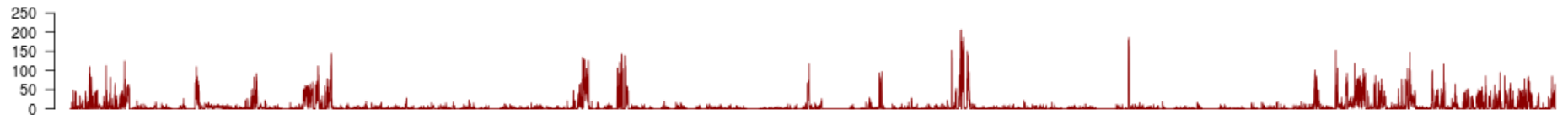
AN-S-26



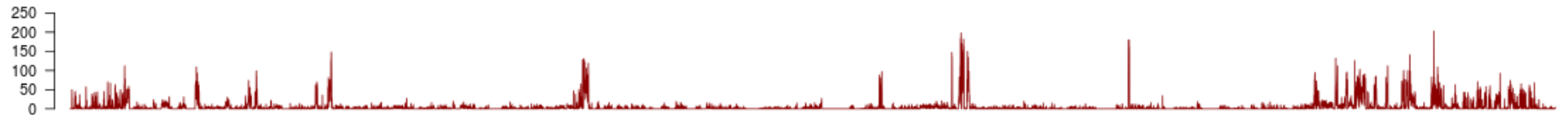
H15



A0416



IVIA-371



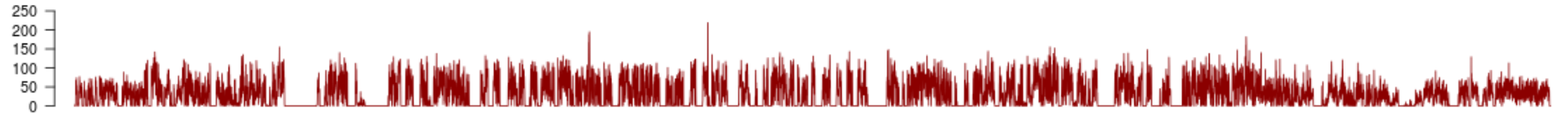
ASI-S-1



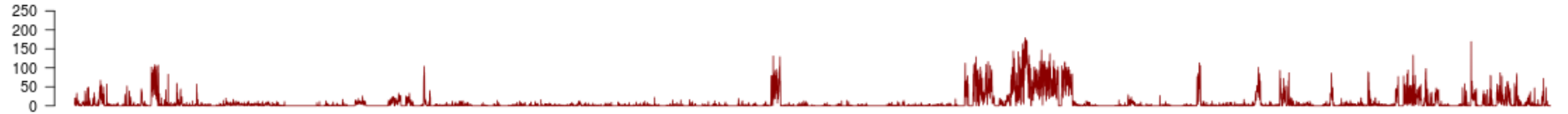
0 20 40 60 80 100 120 140

Chromosome 8 homozygous variants

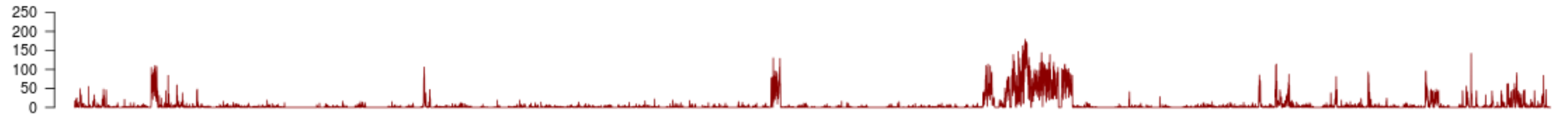
MM577



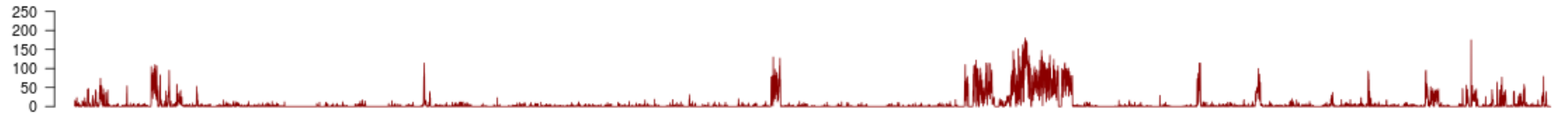
MM1597



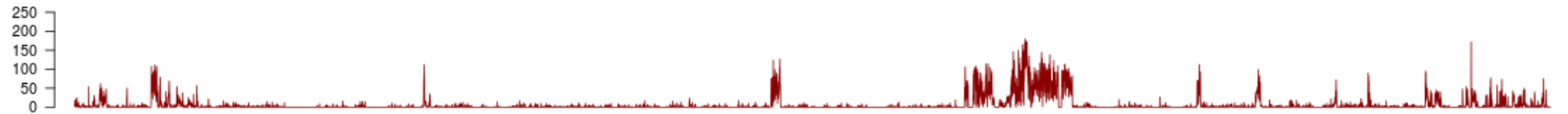
DH ECAVI



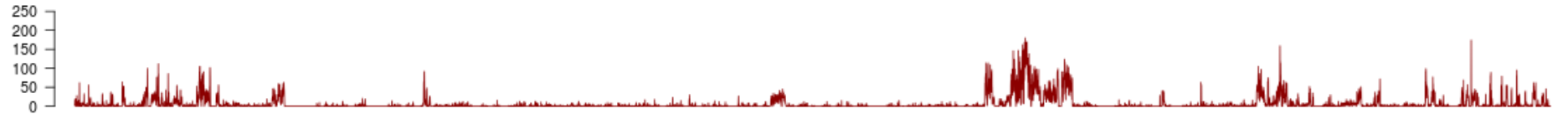
AN-S-26



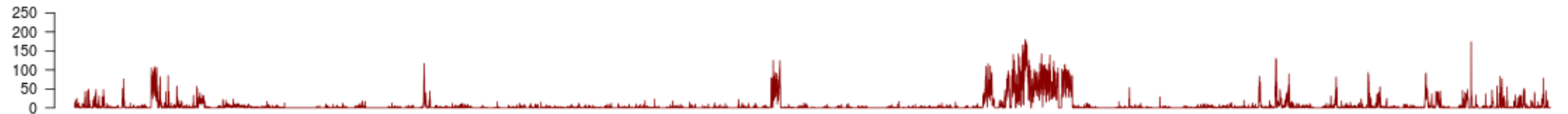
H15



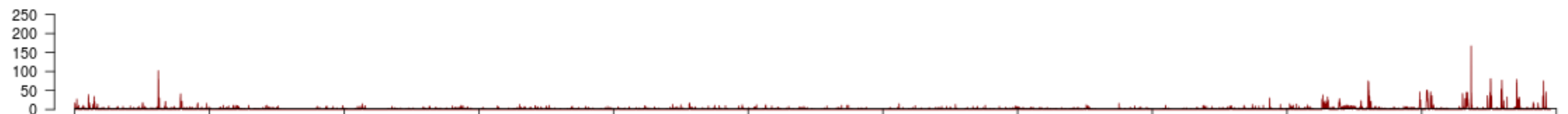
A0416



IVIA-371



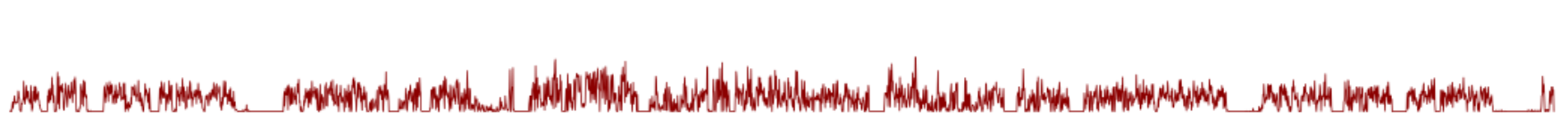
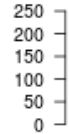
ASI-S-1



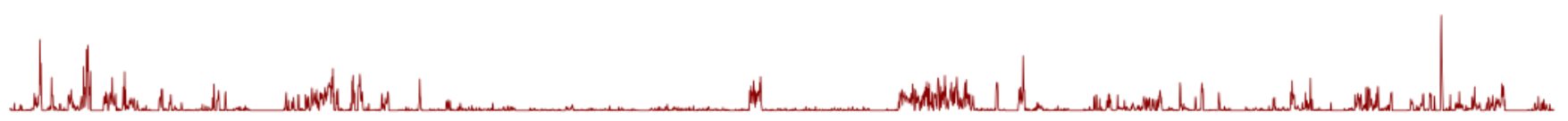
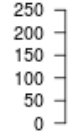
0 10 20 30 40 50 60 70 80 90 100 110

Chromosome 9 homozygous variants

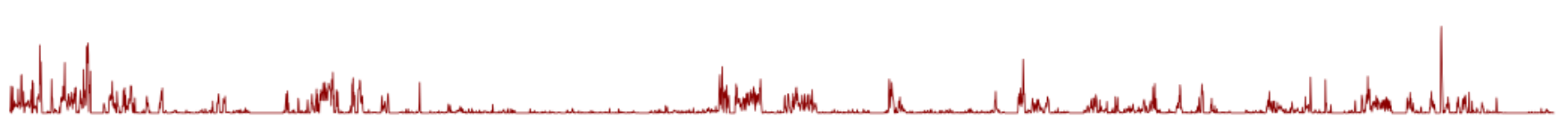
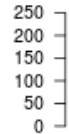
MM577



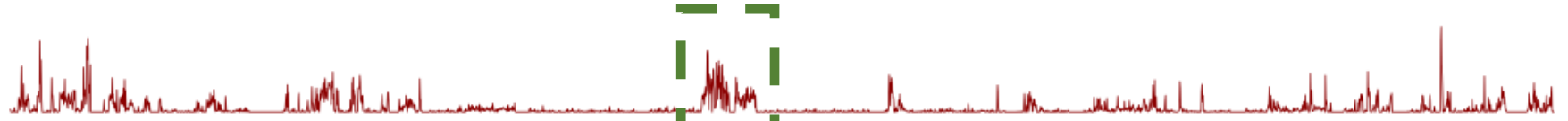
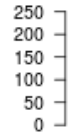
MM1597



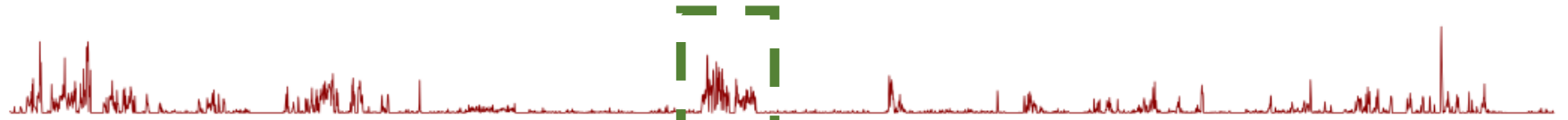
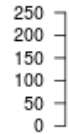
DH ECAVI



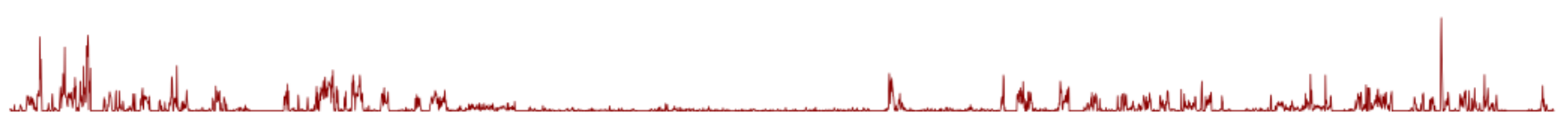
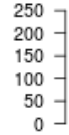
AN-S-26



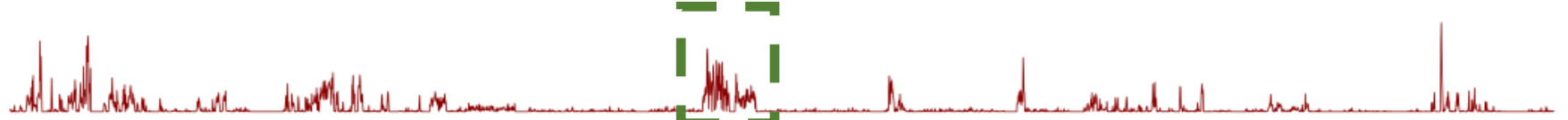
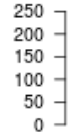
H15



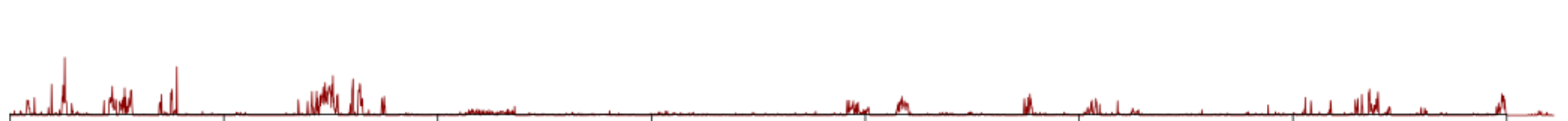
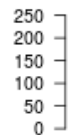
A0416



IVIA-371



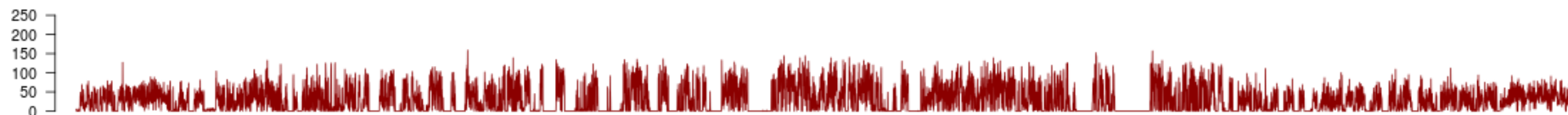
ASI-S-1



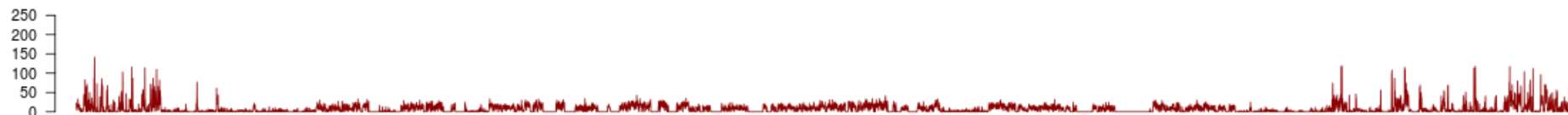
0 5 10 15 20 25 30 35

Chromosome 10 homozygous variants

MM577



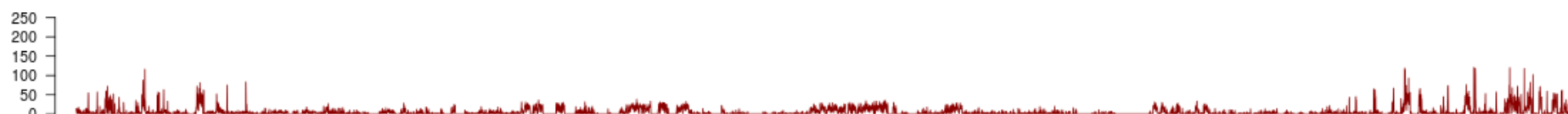
MM1597



DH ECAVI



AN-S-26



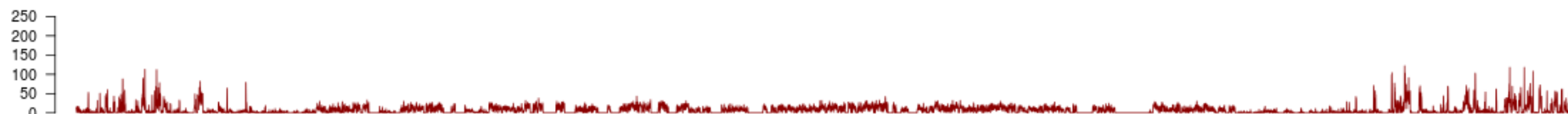
H15



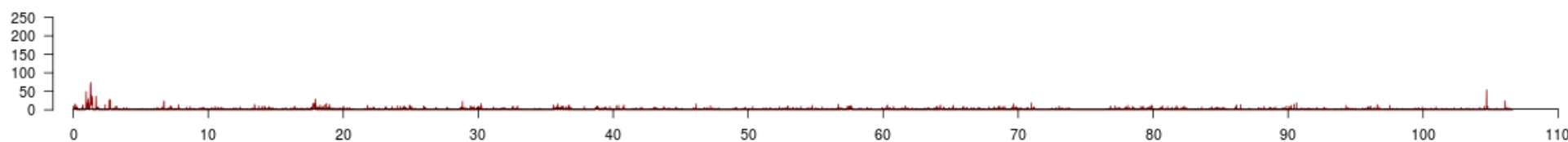
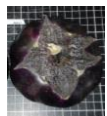
A0416



IVIA-371

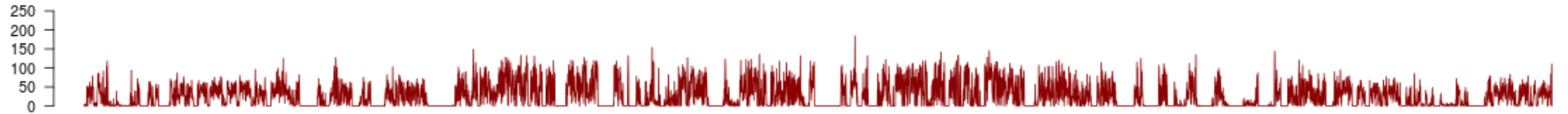


ASI-S-1



Chromosome 11 homozygous variants

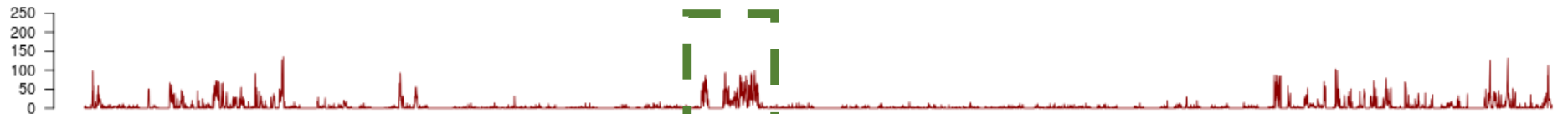
MM577



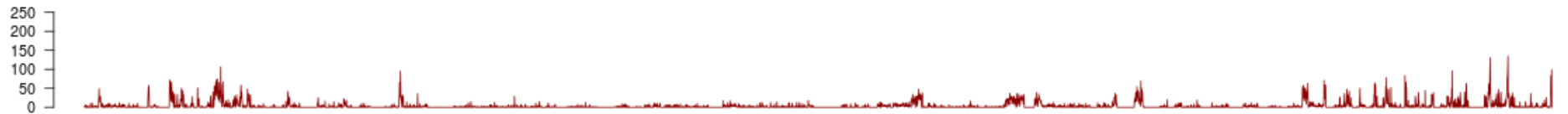
MM1597



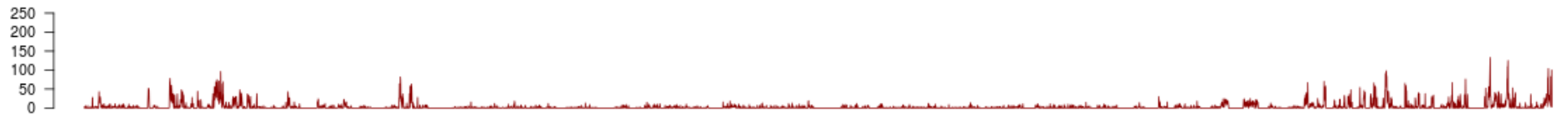
DH ECAVI



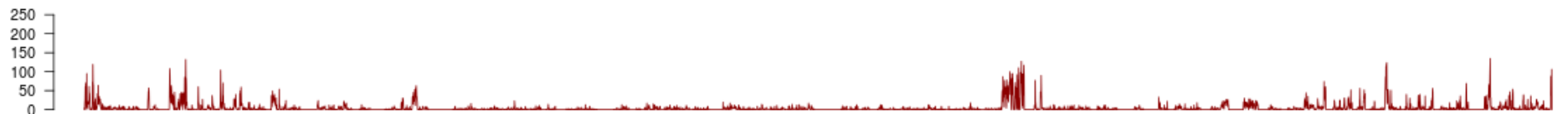
AN-S-26



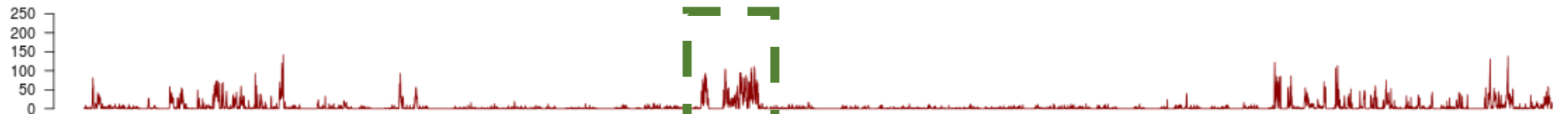
H15



A0416



IVIA-371



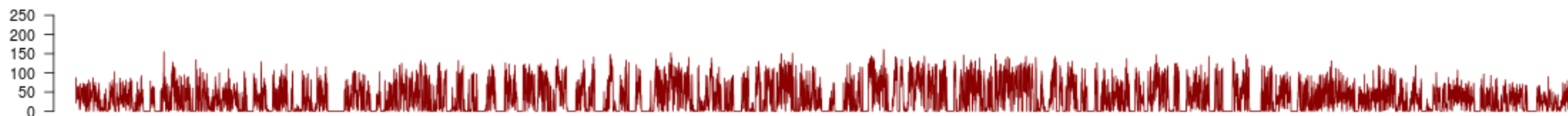
ASI-S-1



0 10 20 30 40 50 60 70

Chromosome 12 homozygous variants

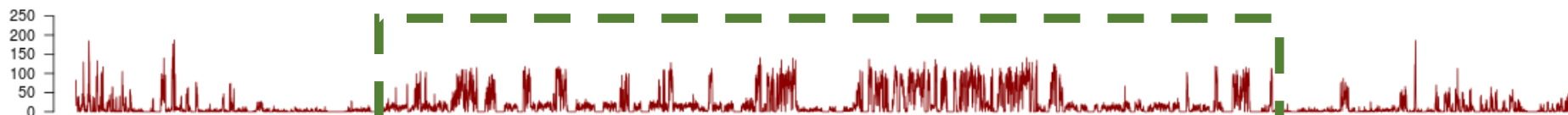
MM577



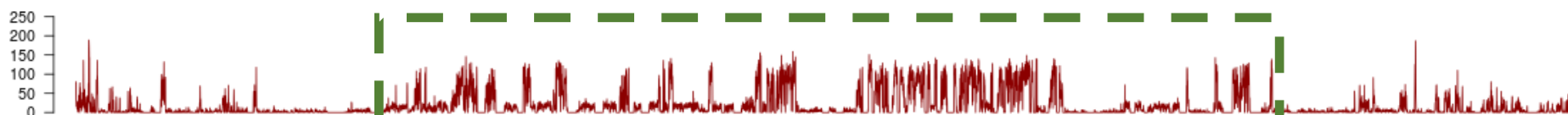
MM1597



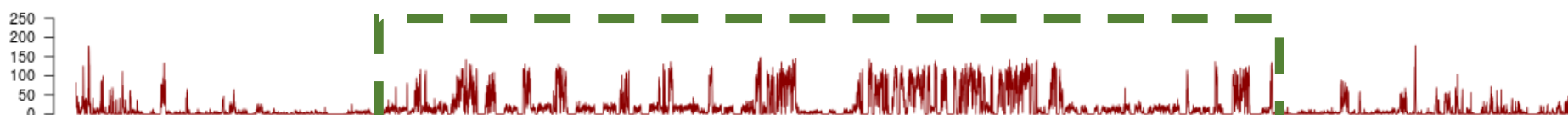
DH ECAVI



AN-S-26



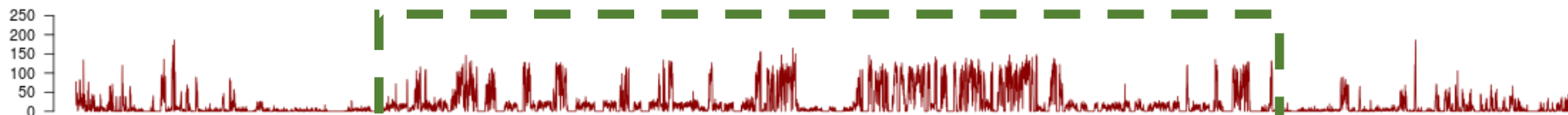
H15



A0416



IVIA-371



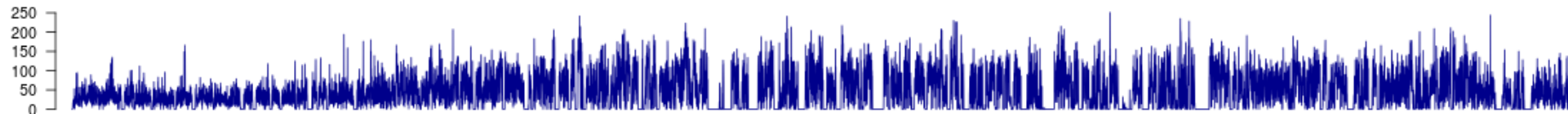
ASI-S-1



0 10 20 30 40 50 60 70 80 90 100

Chromosome 1 heterozygous variants

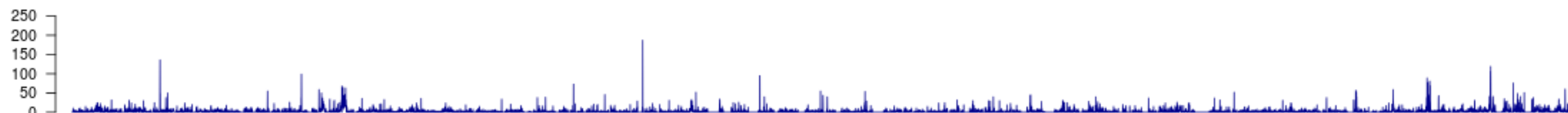
MM577



MM1597



DH ECAVI



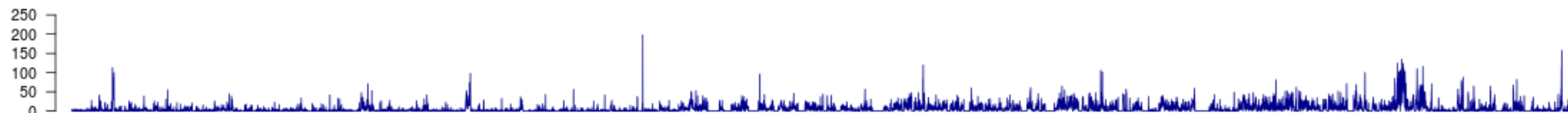
AN-S-26



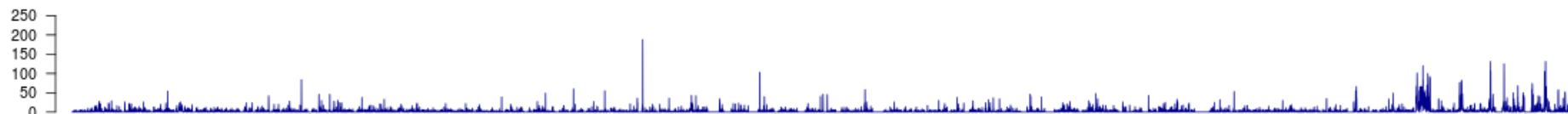
H15



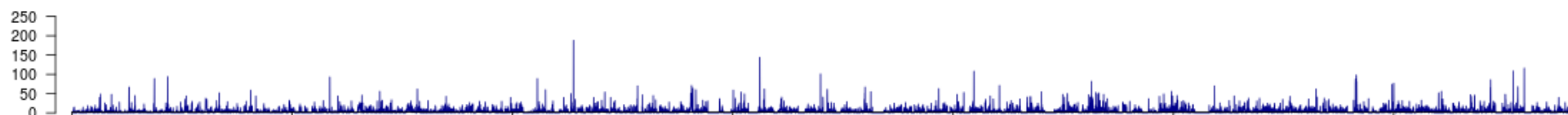
A0416



IVIA-371



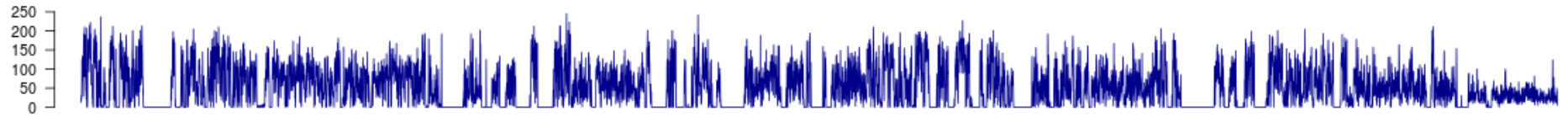
ASI-S-1



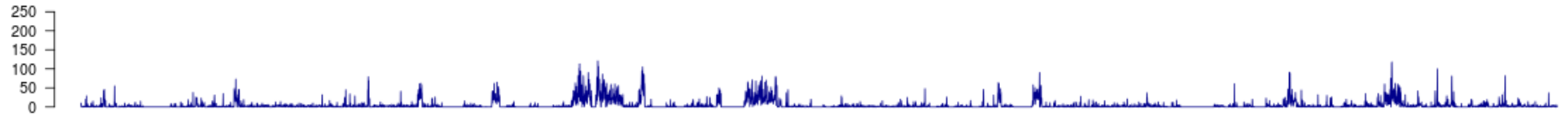
0 20 40 60 80 100 120 140

Chromosome 2 heterozygous variants

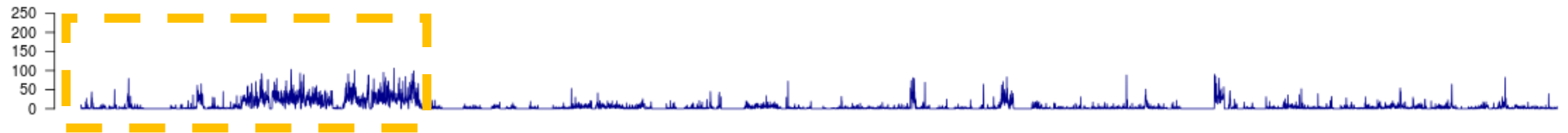
MM577



MM1597



DH ECAVI



AN-S-26



H15



A0416



IVIA-371



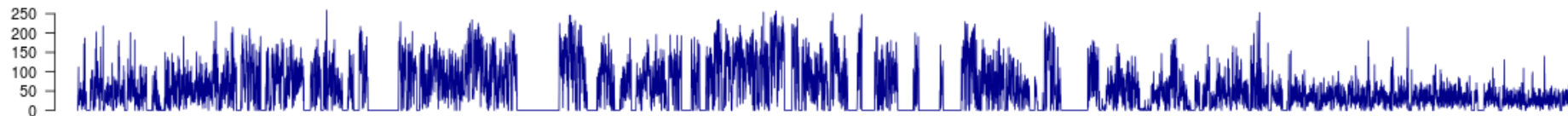
ASI-S-1



0 10 20 30 40 50 60 70 80

Chromosome 3 heterozygous variants

MM577



MM1597



DH ECAVI



AN-S-26



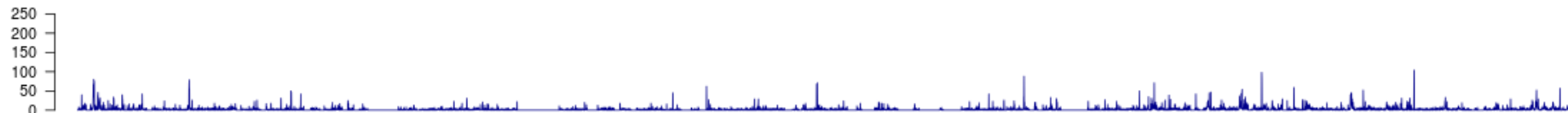
H15



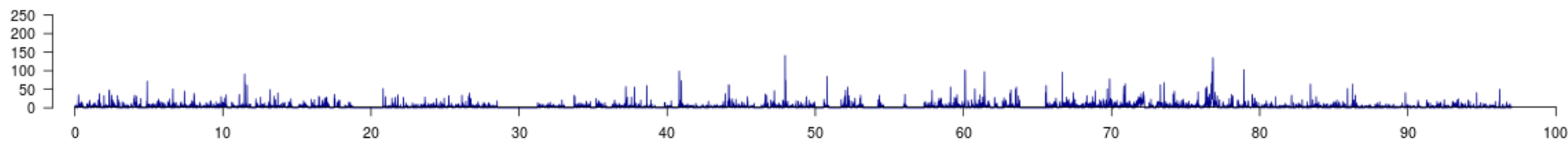
A0416



IVIA-371

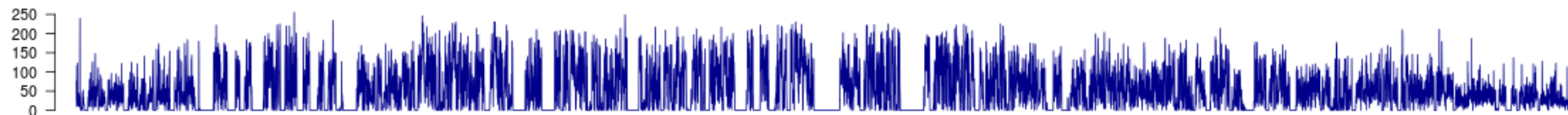


ASI-S-1

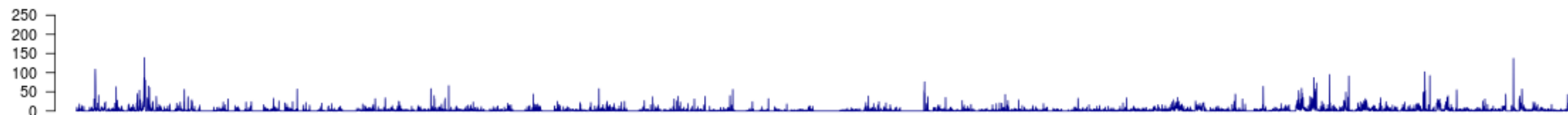


Chromosome 4 heterozygous variants

MM577



MM1597



DH ECAVI



AN-S-26



H15



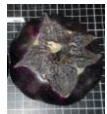
A0416



IVIA-371



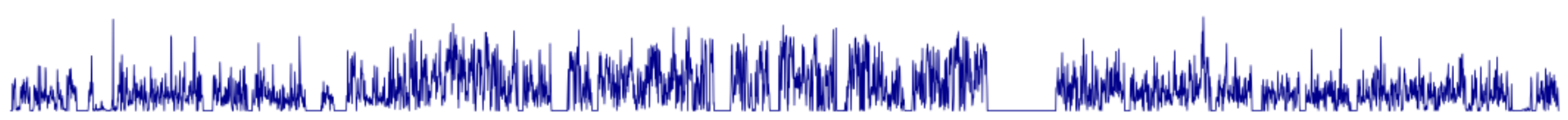
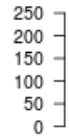
ASI-S-1



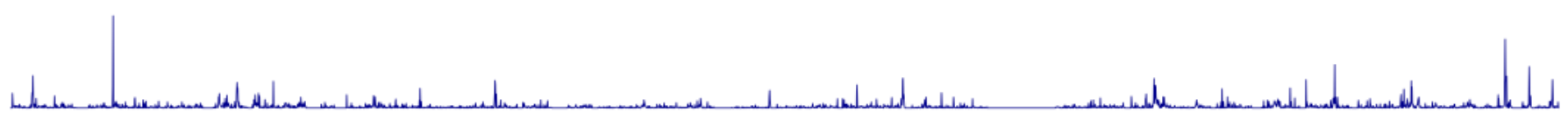
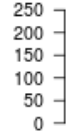
0 10 20 30 40 50 60 70 80 90 100 110

Chromosome 5 heterozygous variants

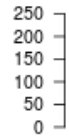
MM577



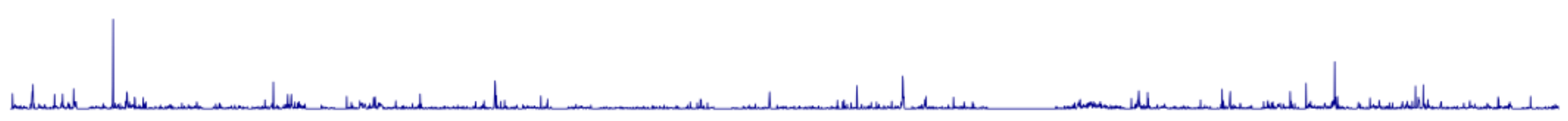
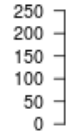
MM1597



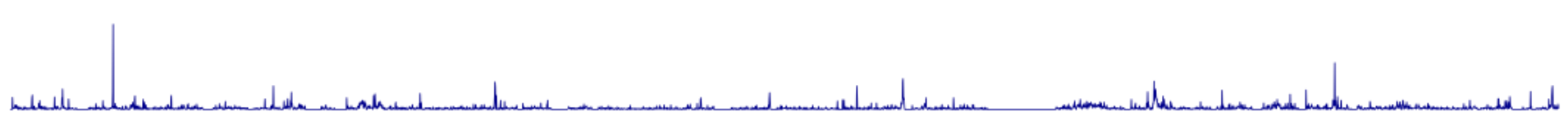
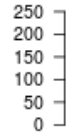
DH ECAVI



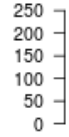
AN-S-26



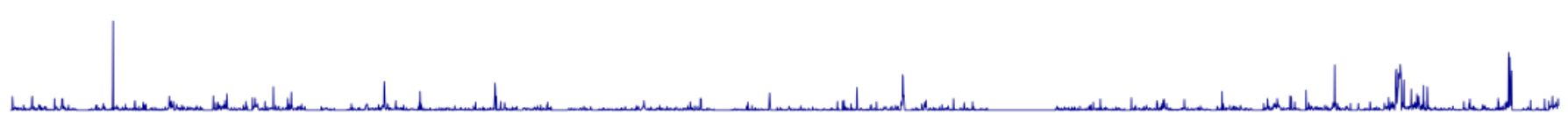
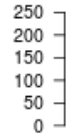
H15



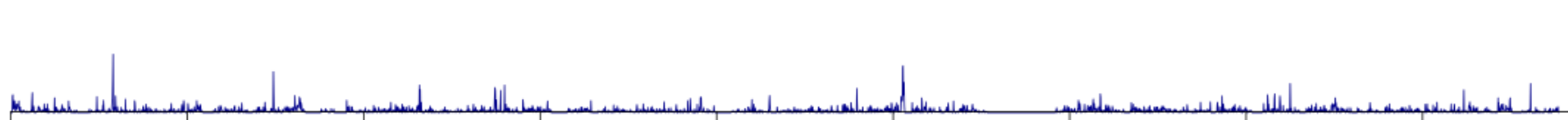
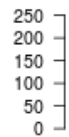
A0416



IVIA-371



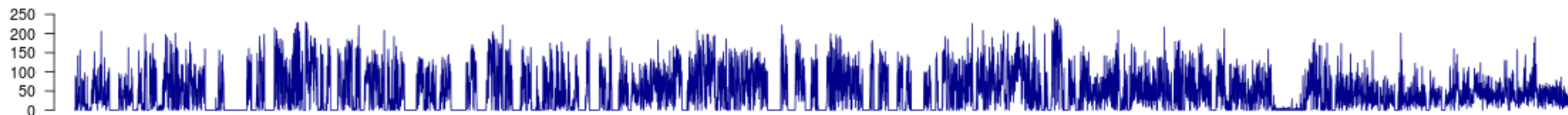
ASI-S-1



0 5 10 15 20 25 30 35 40

Chromosome 6 heterozygous variants

MM577



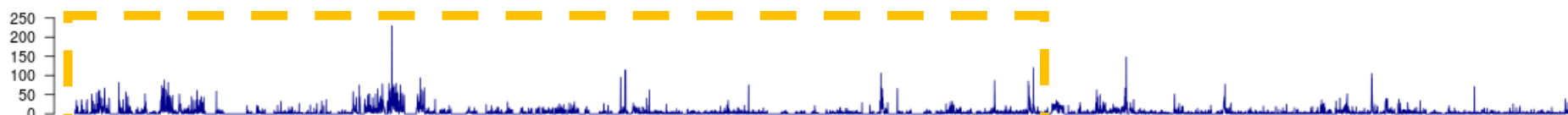
MM1597



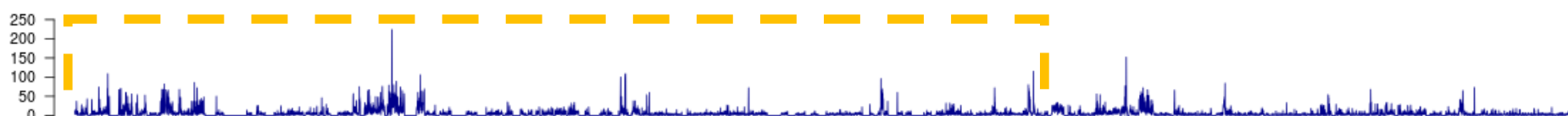
DH ECAVI



AN-S-26



H15



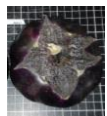
A0416



IVIA-371



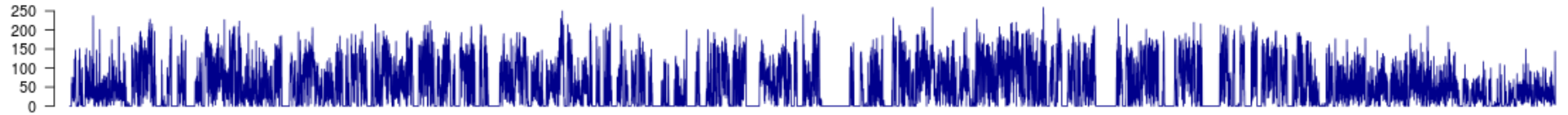
ASI-S-1



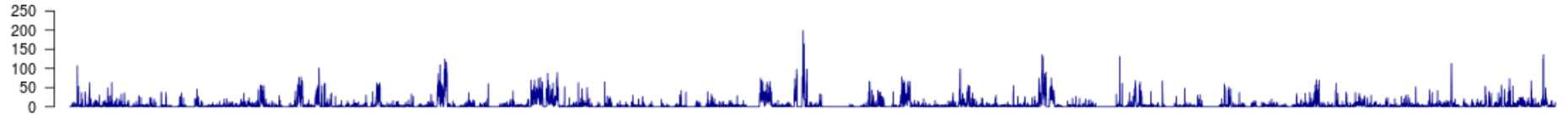
0 10 20 30 40 50 60 70 80 90 100 110

Chromosome 7 heterozygous variants

MM577



MM1597



DH ECAVI



AN-S-26



H15



A0416



IVIA-371



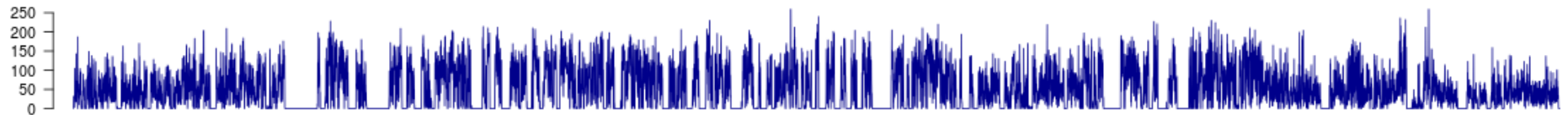
ASI-S-1



0 20 40 60 80 100 120 140

Chromosome 8 heterozygous variants

MM577



MM1597



DH ECAVI



AN-S-26



H15



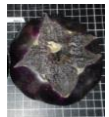
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IVIA-371



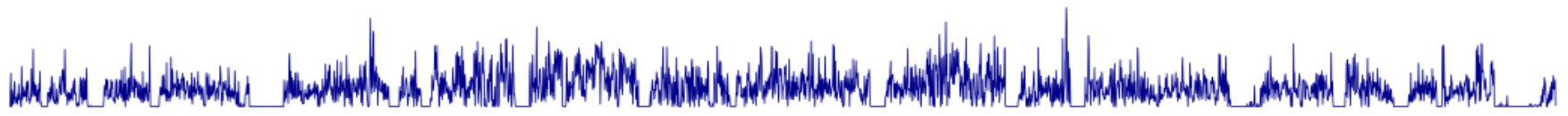
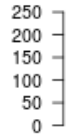
ASI-S-1



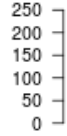
0 10 20 30 40 50 60 70 80 90 100 110

Chromosome 9 heterozygous variants

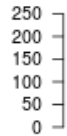
MM577



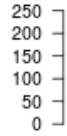
MM1597



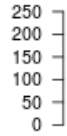
DH ECAVI



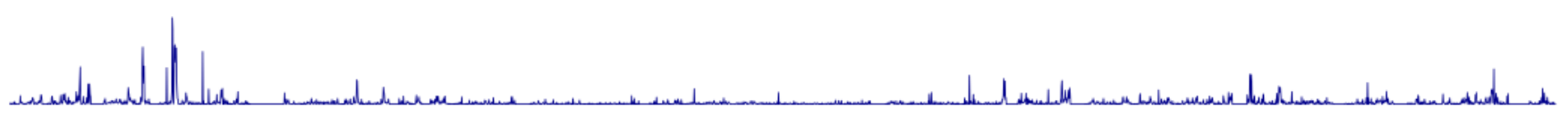
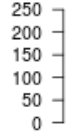
AN-S-26



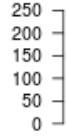
H15



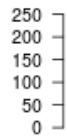
A0416



IVIA-371



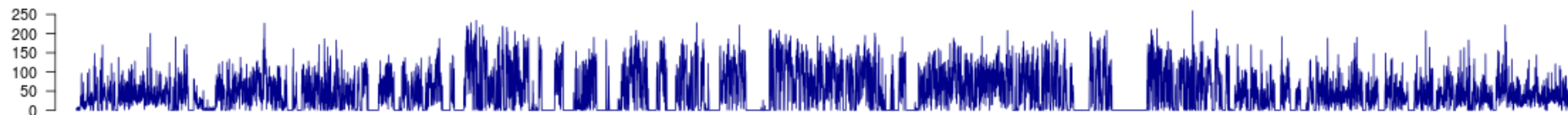
ASI-S-1



0 5 10 15 20 25 30 35

Chromosome 10 heterozygous variants

MM577



MM1597



DH ECAVI



AN-S-26



H15



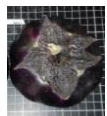
A0416



IVIA-371



ASI-S-1



0

10

20

30

40

50

60

70

80

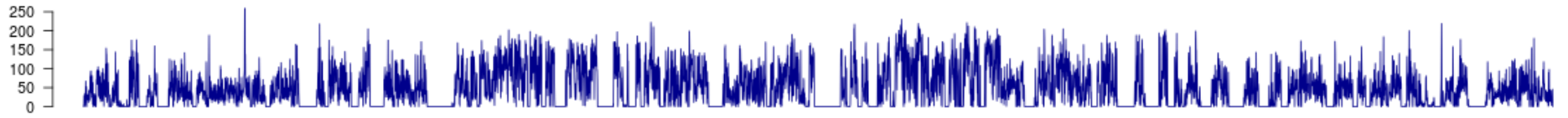
90

100

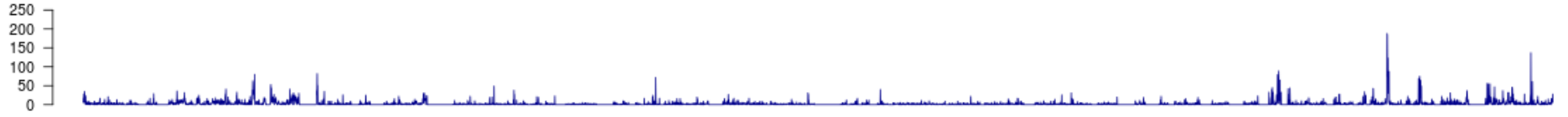
110

Chromosome 11 heterozygous variants

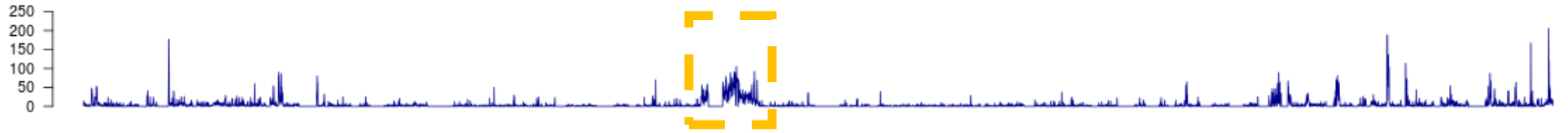
MM577



MM1597



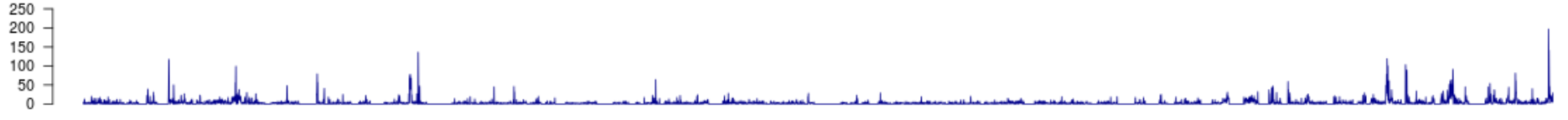
DH ECAVI



AN-S-26



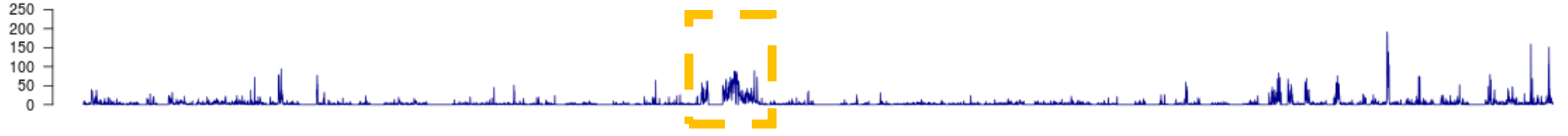
H15



A0416



IVIA-371

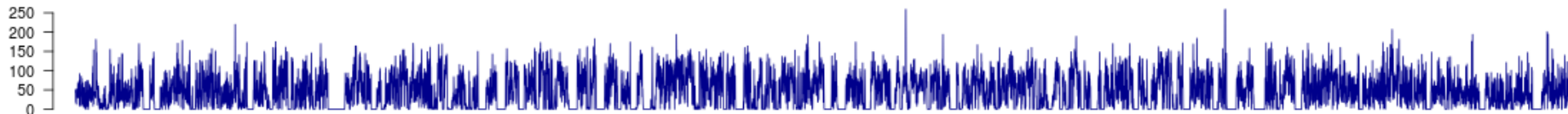


ASI-S-1



Chromosome 12 heterozygous variants

MM577



MM1597



DH ECAVI



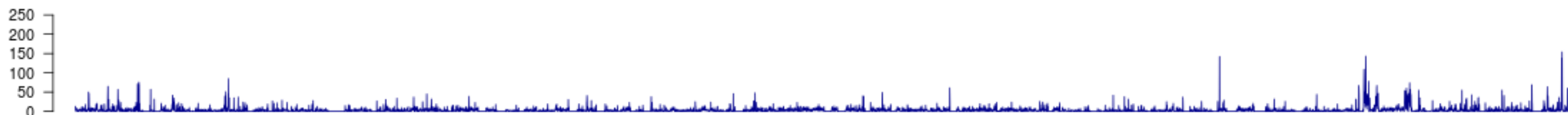
AN-S-26



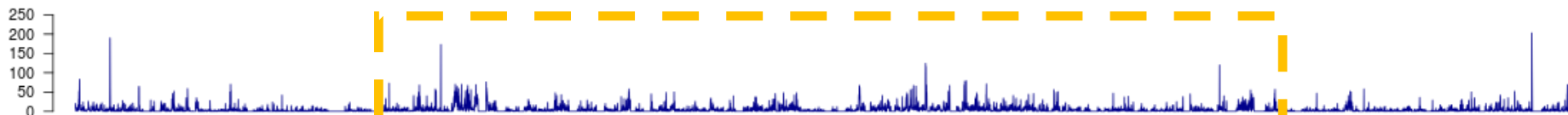
H15



A0416



IVIA-371



ASI-S-1



0 10 20 30 40 50 60 70 80 90 100