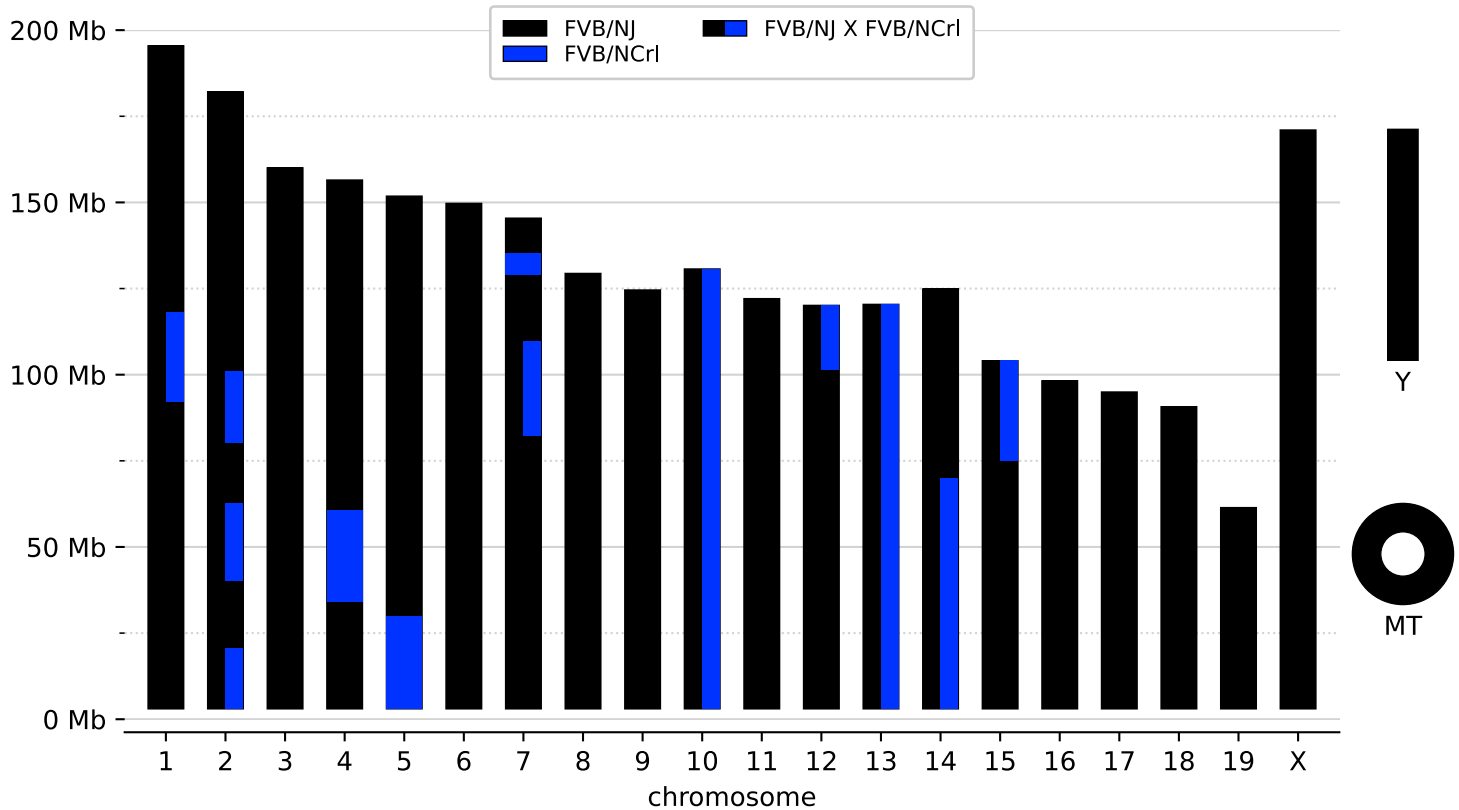


Summary: Strain carrying a transgene insertion of the APOL1 gene on mixed FVB/N background. FVB/NJ and FVB/NCrI were detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 18.4% of the genome is segregating for the substrains of the primary background. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2026.



Genetic Background	Zygosity	Genome %	Estimated # Segregating SNPs
FVB/NJ	Homozygous	79.2%	N/A
FVB/NCrI	Homozygous	2.3%	N/A
FVB/NJ X FVB/NCrI	Heterozygous	18.4%	2,800
Total		100.0%	2,800

Substrain Detected	NS6331	VA2575
FVB/NJ	present	present
FVB/NCrI	present	present

Constructs Detected
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