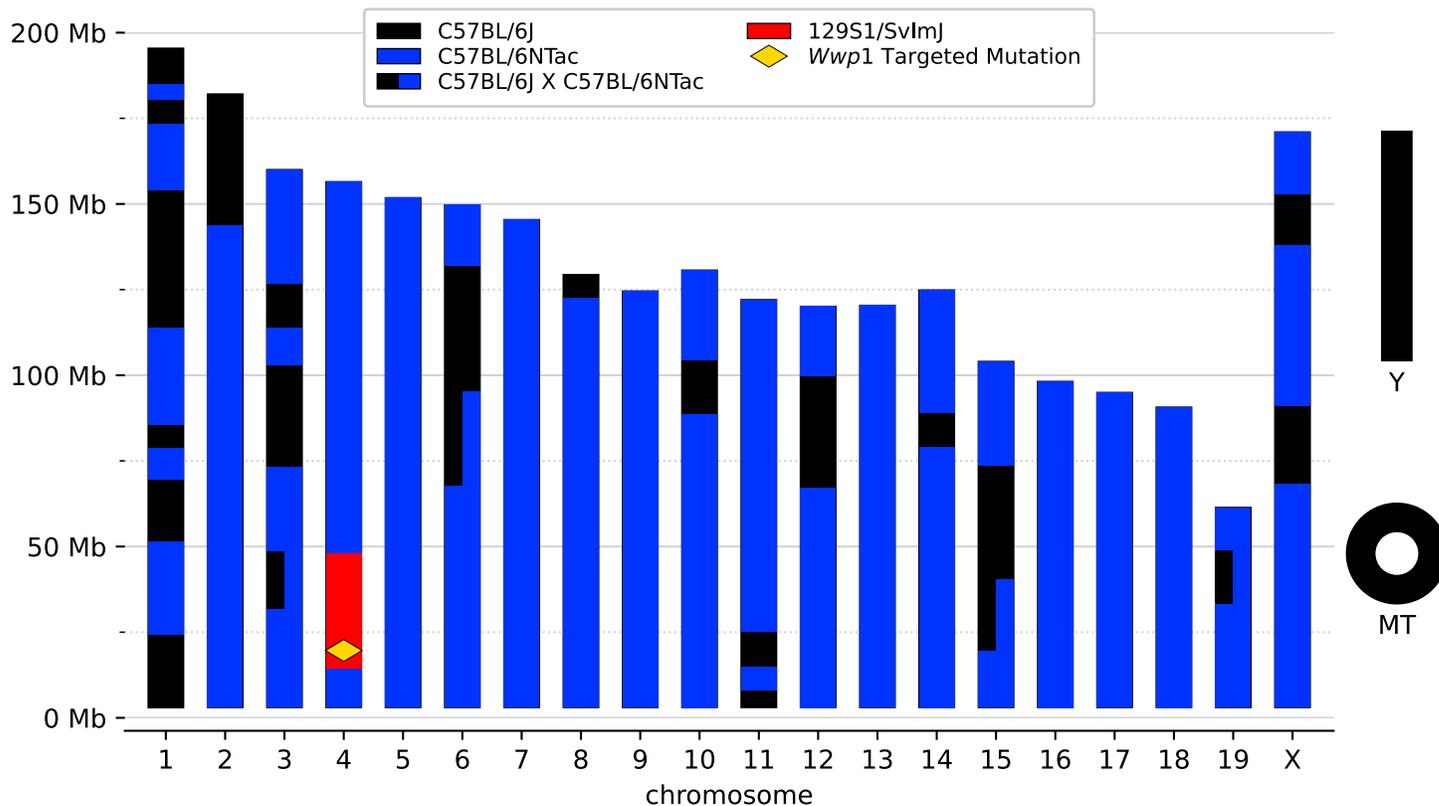


Summary: Congenic strain carrying the *tm1Lmat* allele of the *Wwp1* gene on mixed C57BL/6 background. The allele of interest present on chromosome 4 is on the donor background (129S1/SvImJ). C57BL/6J and C57BL/6NTac were detected with diagnostic alleles. The genome of this strain is not fully replicable because at least 3.1% 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 2021.



Genetic Background	Zygoty	Genome %	Estimated # Segregating SNPs
C57BL/6J and C57BL/6NTac	N/A	98.7%	N/A
C57BL/6J	Homozygous	14.4%	N/A
C57BL/6NTac	Homozygous	81.1%	N/A
C57BL/6J X C57BL/6NTac	Heterozygous	3.1%	300
129S1/SvImJ	Homozygous	1.3%	N/A
Total		100.0%	300

Substrain Detected	KA7165	AU5456	Constructs Detected
C57BL/6NTac	present	present	None
C57BL/6J	present	present	