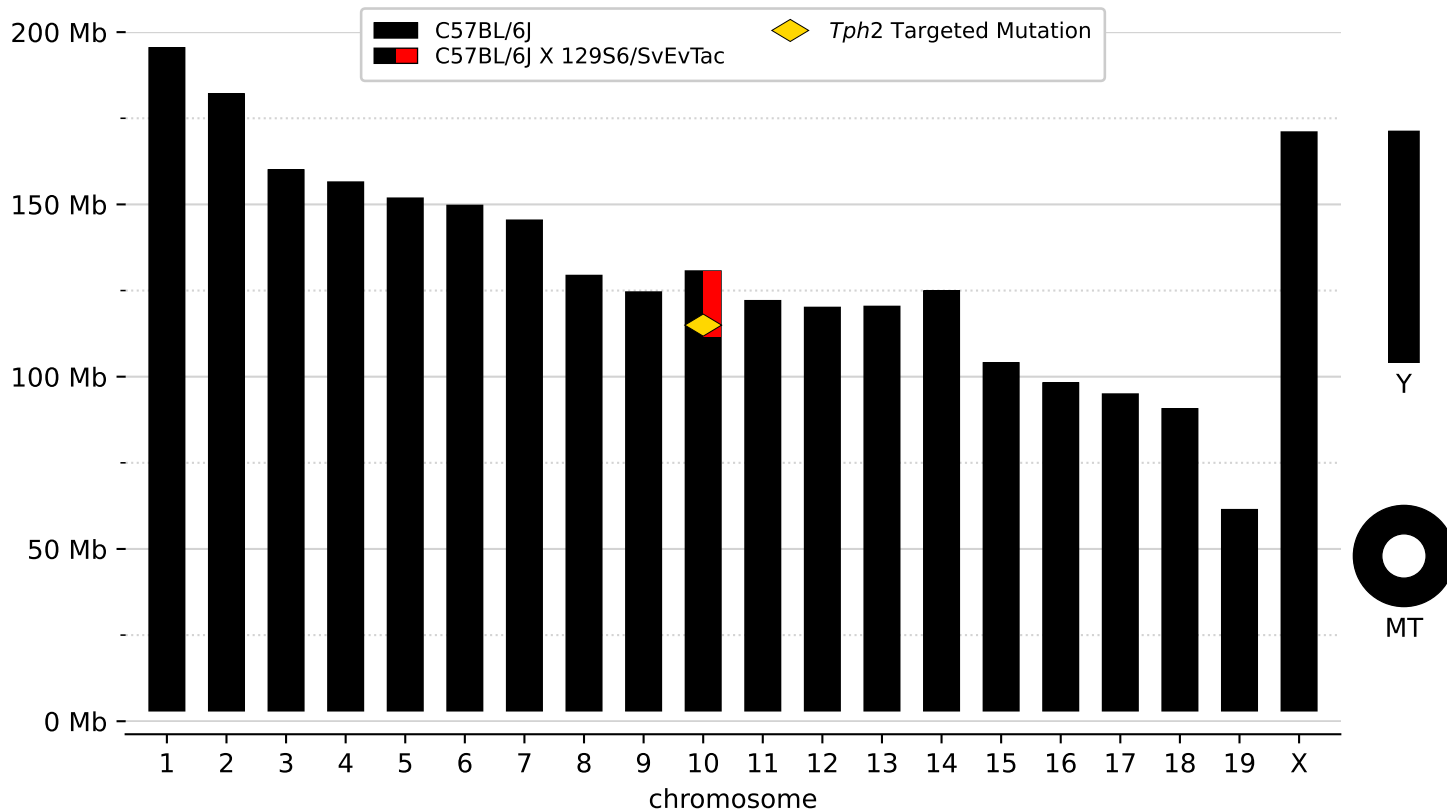


Summary: Congenic strain carrying the *tm1Mca* allele of the *Tph2* gene on C57BL/6J background. The allele of interest present on chromosome 10 is on the donor background (129S6/SvEvTac). C57BL/6J was detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 0.7% of the genome is segregating for the donor background. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2021.



Genetic Background		Zygosity	Genome %	Estimated # Segregating SNPs
C57BL/6J		Homozygous	99.3%	N/A
C57BL/6J X 129S6/SvEvTac		Heterozygous	0.7%	3,700
<b>Total</b>			<b>100.0%</b>	<b>3,700</b>

Substrain Detected	# present in LX0733	# present in HX0878	Total SNPs Annotated
C57BL/6J	164	166	168

Constructs Detected
None