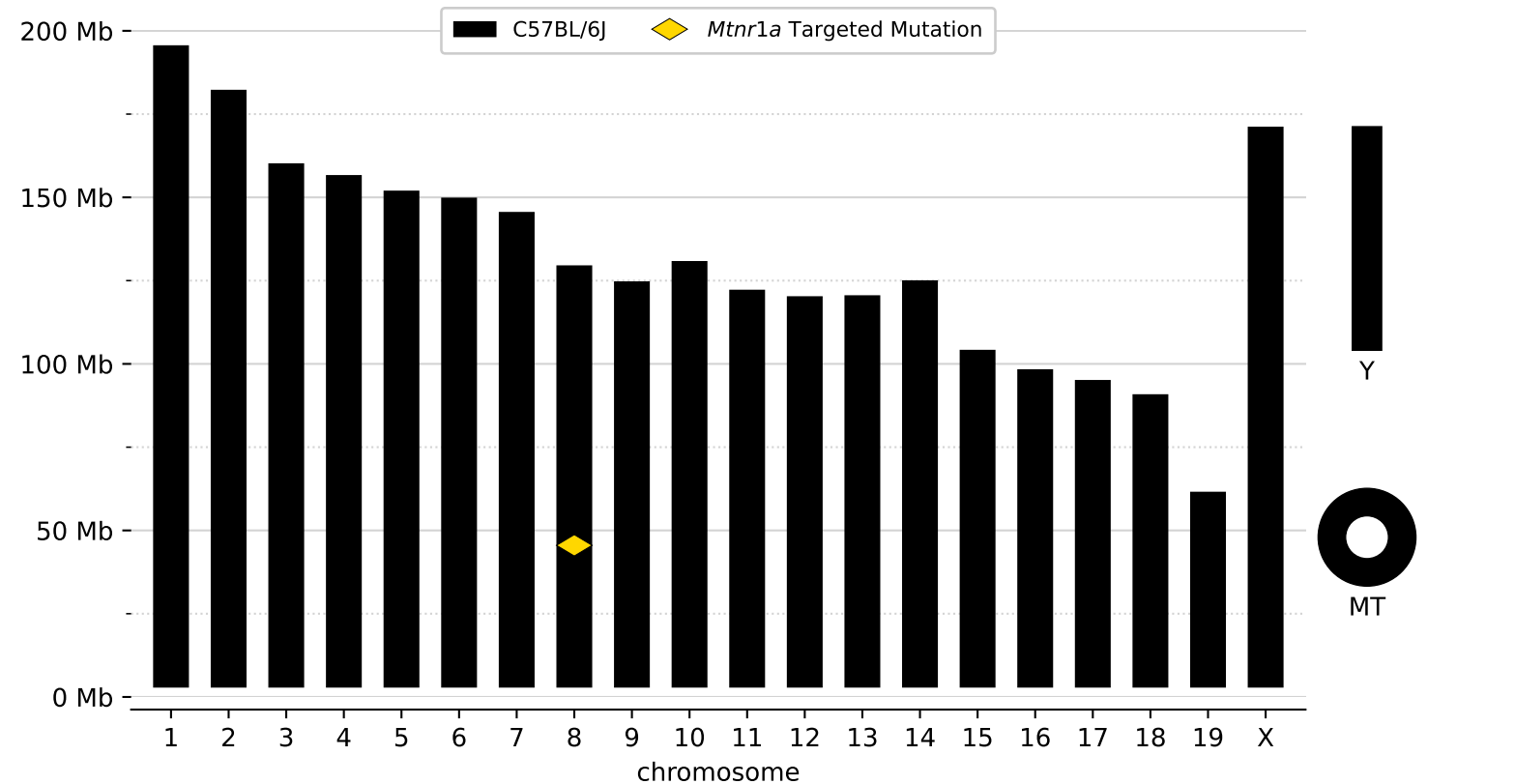


Summary: Coisogenic strain carrying a knock-in of the *Mtnr1a* gene on C57BL/6J background. C57BL/6J was detected with diagnostic alleles. The genome of this strain is fully replicable. This strain carries a potentially active allele of cre recombinase with unknown zygosity. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2024.



Genetic Background	Zygosity	Genome %	Estimated # Segregating SNPs
C57BL/6J	Homozygous	100.0%	N/A
Total		100.0%	0

Substrain Detected	# present in CJ6255	# present in WT5764	Total SNPs Annotated
C57BL/6J	164	166	168

Constructs Detected
Cre, g_FP, IRES