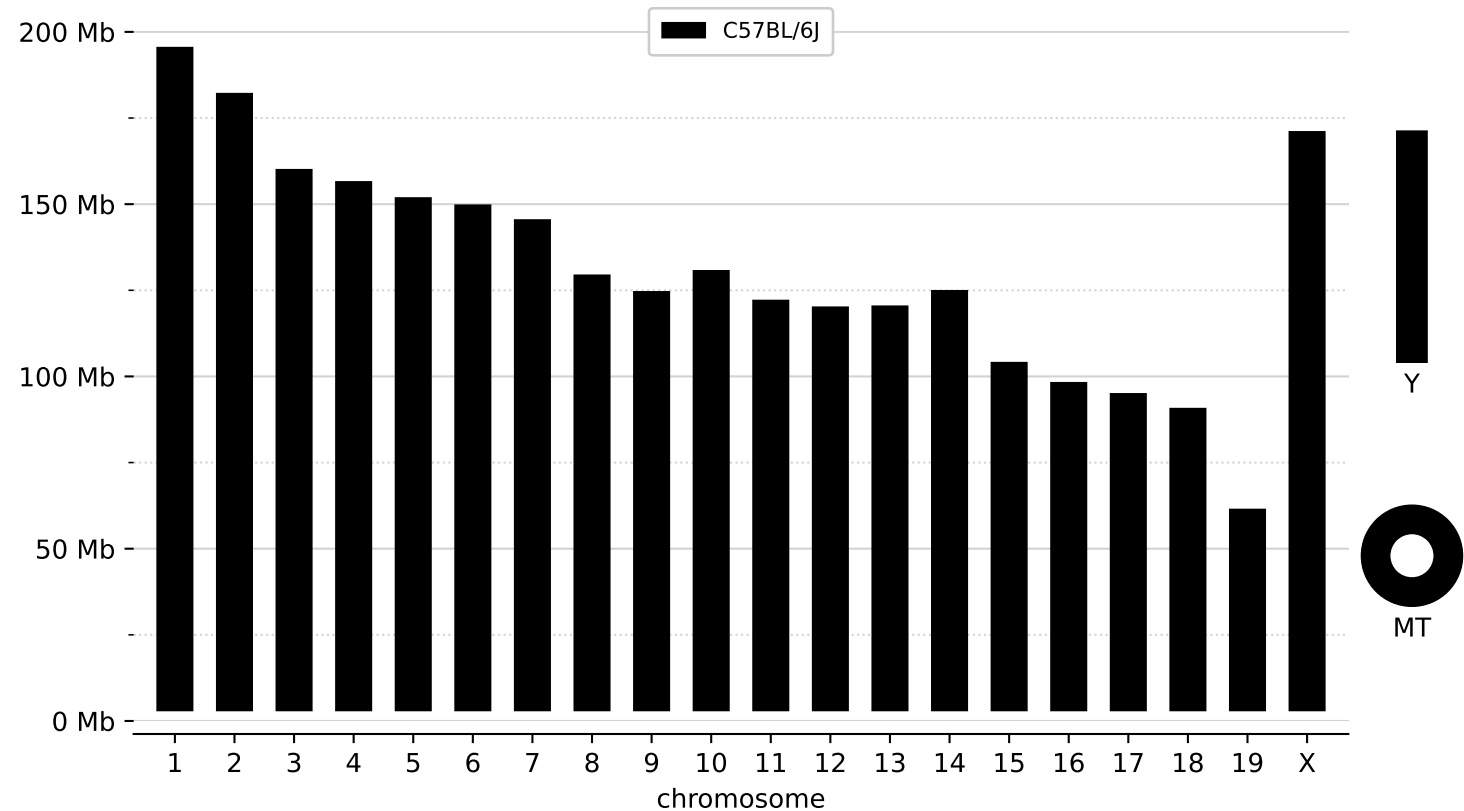


Summary: Congenic strain carrying a random transgenic insertion of the mutated human rhodopsin gene, RHO*T17M, on C57BL/6J background. C57BL/6J was detected with diagnostic alleles. The genome of this strain is fully replicable. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples 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 DY8816	# present in QL1009	Total SNPs Annotated
C57BL/6J	163	166	168

Constructs Detected
None