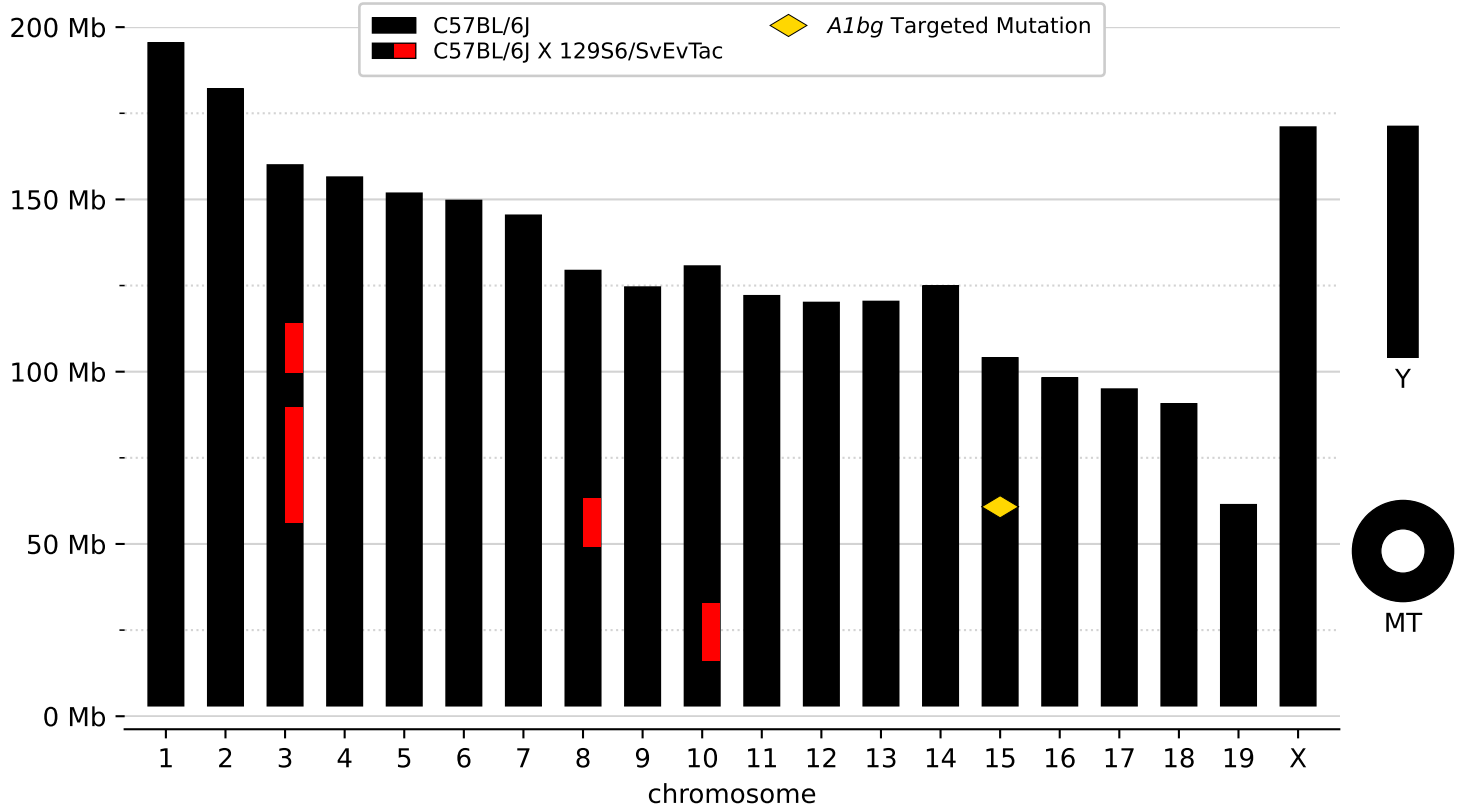


Summary: Strain carrying the *em1Flc* allele of the *A1bg* gene on C57BL/6J background. The allele of interest present on chromosome 15 is on the C57BL/6J background. 129S6 is present on chromosomes 3, 8, and 10. 129S6/SvEvTac and C57BL/6J were detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 3.1% of the genome is segregating for 129S6. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2025.



Genetic Background	Zygosity	Genome %	Estimated # Segregating SNPs
C57BL/6J	Homozygous	96.9%	N/A
C57BL/6J X 129S6/SvEvTac	Heterozygous	3.1%	247,400
Total		100.0%	247,400

Substrain Detected	UE9099	ER0924
C57BL/6J	present	present
129S6/SvEvTac	present	present

Constructs Detected
None