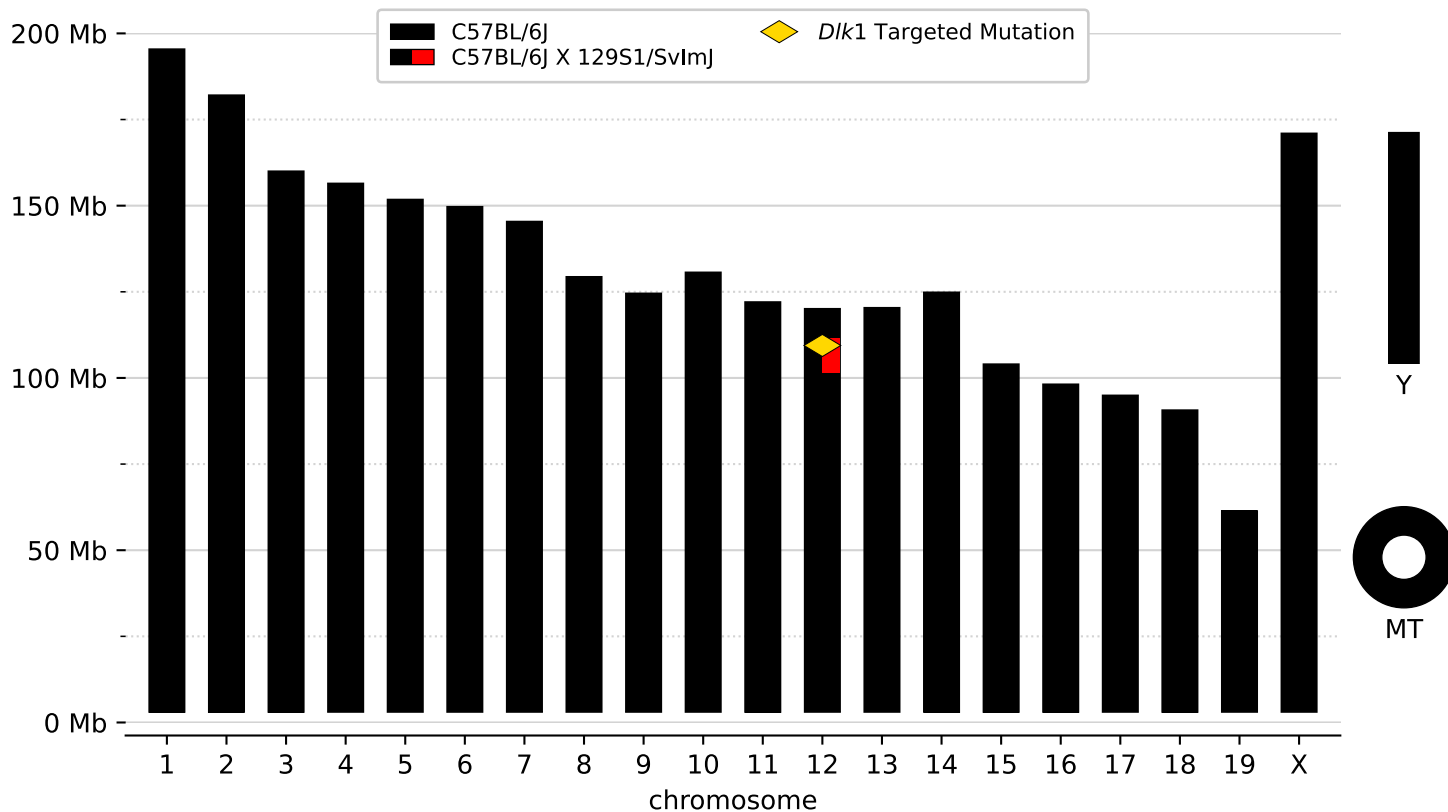


Summary: Congenic strain carrying the *tm1.1Stadt* allele of the *Dlk1* gene on C57BL/6J background. The allele of interest present on chromosome 12 is on the donor background (129S1/SvImJ). C57BL/6J was detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 0.4% of the genome is segregating for the donor background. This strain carries a potentially active allele of green (or similar) fluorescent protein 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	99.6%	N/A
C57BL/6J X 129S1/SvImJ	Heterozygous	0.4%	5,500
Total		100.0%	5,500

Substrain Detected	# present in QY4867	# present in UK1544	Total SNPs Annotated
C57BL/6J	167	167	168

Constructs Detected
g_FP, IRES