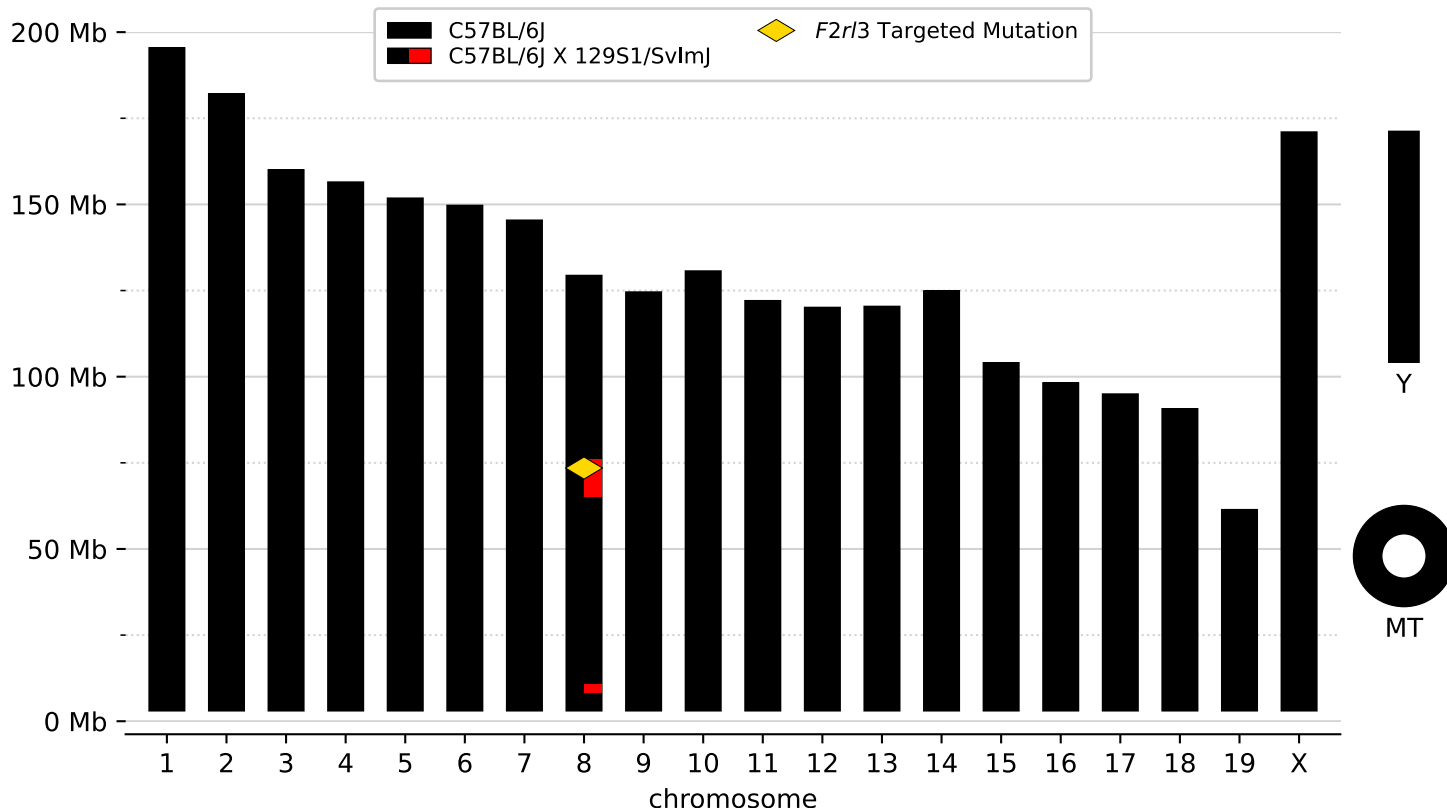


Summary: Congenic strain carrying the *tm1.1Cgh* allele of the *F2r13* gene on C57BL/6J background. The allele present on chromosome 8 is on the donor background (129S4/SvImJ). C57BL/6J and C57BL/6NCrl were detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 0.5% 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 2024.



Genetic Background		Zygosity	Genome %	Estimated # Segregating SNPs
C57BL/6J		Homozygous	99.5%	N/A
C57BL/6J X 129S1/SvImJ		Heterozygous	0.5%	430,400
Total			100.0%	430,400

Substrain Detected	# present in ND1881	# present in YT2722	Total SNPs Annotated
C57BL/6J	166	167	168
C57BL/6NCrl	0	1	10

Constructs Detected
None