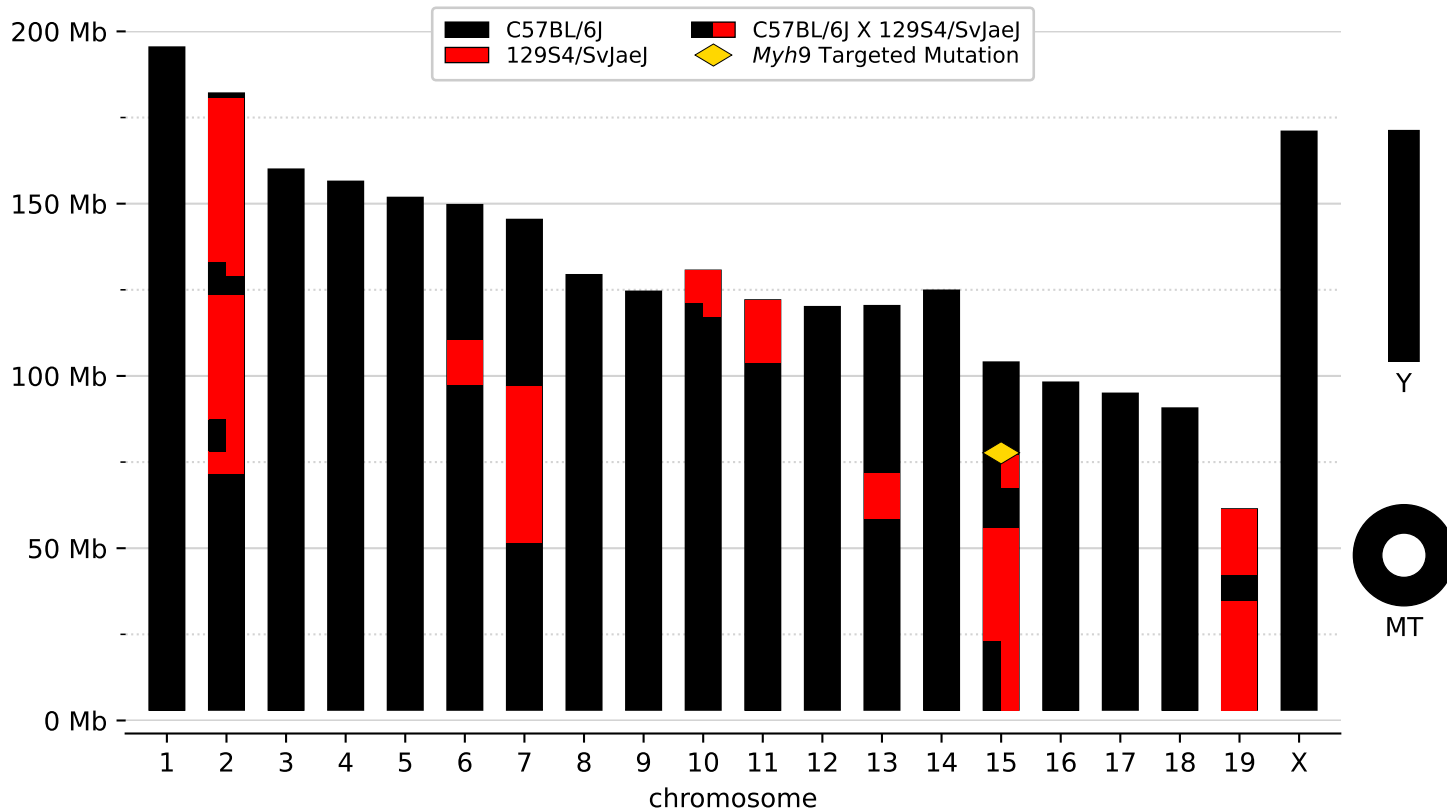


Summary: Incipient congenic strain carrying the *tm3(GFP/MYH9/MYH10)Rsad* allele of the *Myh9* gene on C57BL/6J background. The allele of interest present on chromosome 15 is on the donor background (129S4/SvJaeJ). The donor background is also present in other chromosomes. C57BL/6J was detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 1.8% 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 2018.



Genetic Background	Zygosity	Genome %	Estimated # Segregating SNPs
C57BL/6J	Homozygous	87.6%	N/A
129S4/SvJaeJ	Homozygous	10.6%	N/A
C57BL/6J X 129S4/SvJaeJ	Heterozygous	1.8%	49,600
Total		100.0%	49,600

Substrain Detected	# present in VM4183	# present in SQ3576	Total SNPs Annotated	Constructs Detected
C57BL/6J	121	116	165	bpA, g_FP