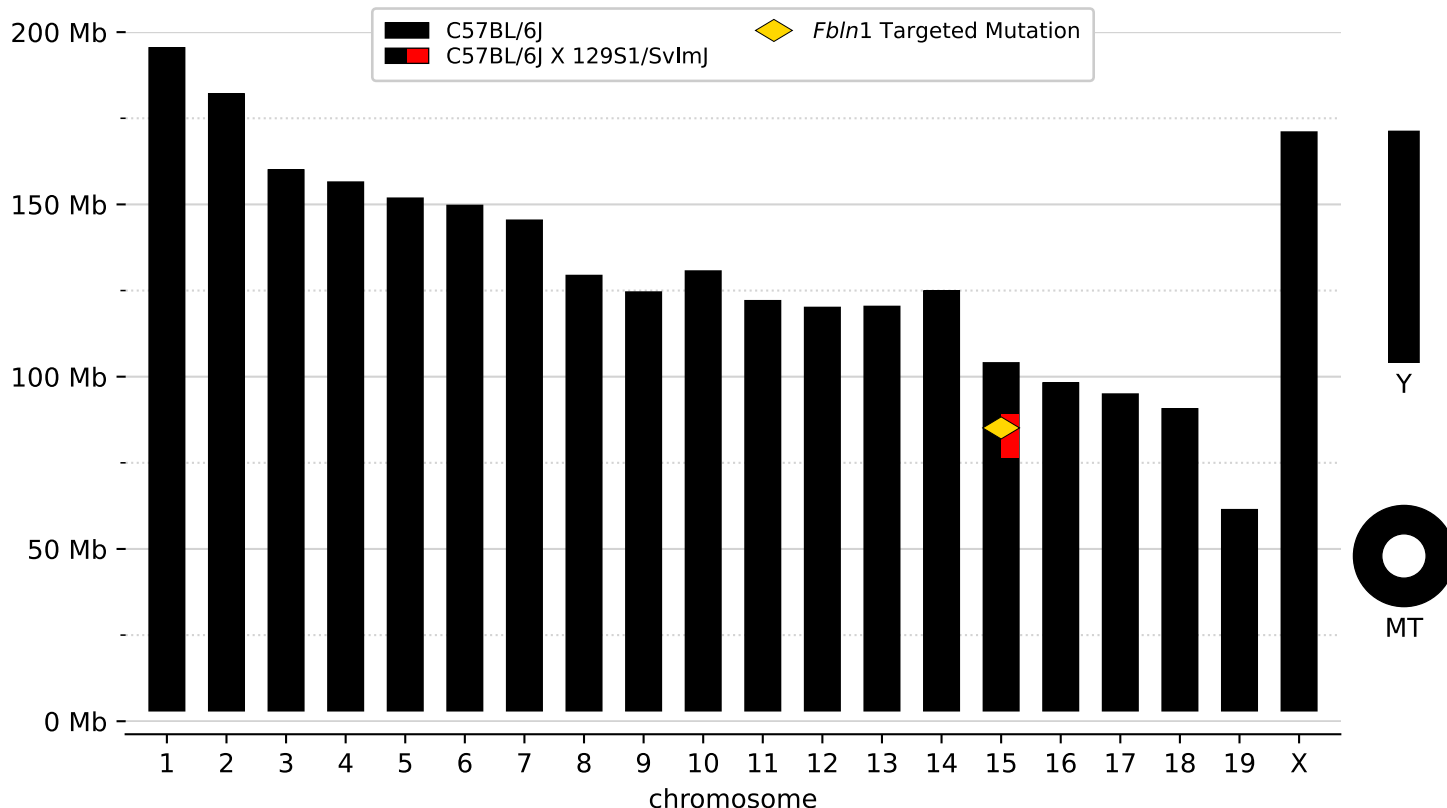


Summary: Congenic strain carrying the *tm1.1Cmusc* allele of the *Fbln1* gene on C57BL/6J background. The allele of interest present on chromosome 15 is on the donor background (129Sv). This background is designated as 129S1 for representation purposes. C57BL/6J was detected with diagnostic alleles. 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%	6,100
Total			100.0%	6,100

Substrain Detected	# present in AX0126	# present in IM6242	Total SNPs Annotated
C57BL/6J	162	166	168

Constructs Detected
None