MMRRC Strain GQC

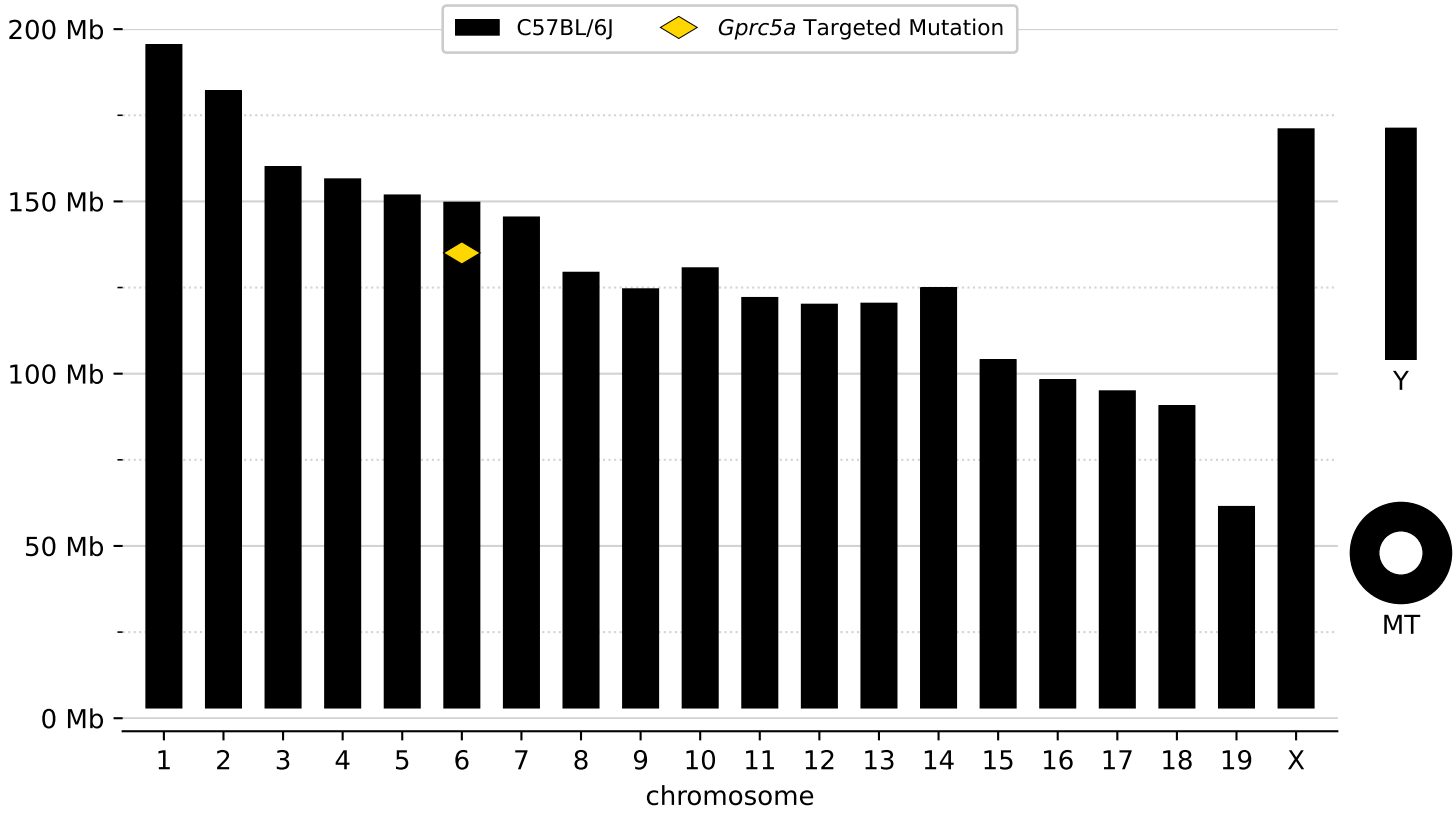
RRID:MMRRC_072129-JAX

Name: C57BL/6J-*Gprc5a*$^{em1(icre/ERT2)Blr}$/Mmjax

Samples Genotyped
FL7492 (XX)
QM3041 (XXY)

Genotyping Dates
2026-06-30
2026-06-30

Summary: Coisogenic strain carrying the *em1(icre/ERT2)Blr* allele of the *Gprc5a* gene on C57BL/6J background. C57BL/6J was detected with diagnostic alleles. The genome of this strain is fully replicable. 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 2026.



Genetic Background	Zygosity	Genome %	Estimated # Segregating SNPs
C57BL/6J	Homozygous	100.0%	N/A
Total		**100.0%**	**0**

Substrain Detected	FL7492	QM3041
C57BL/6J	present	present

Constructs Detected
Cre, g_FP, IRES