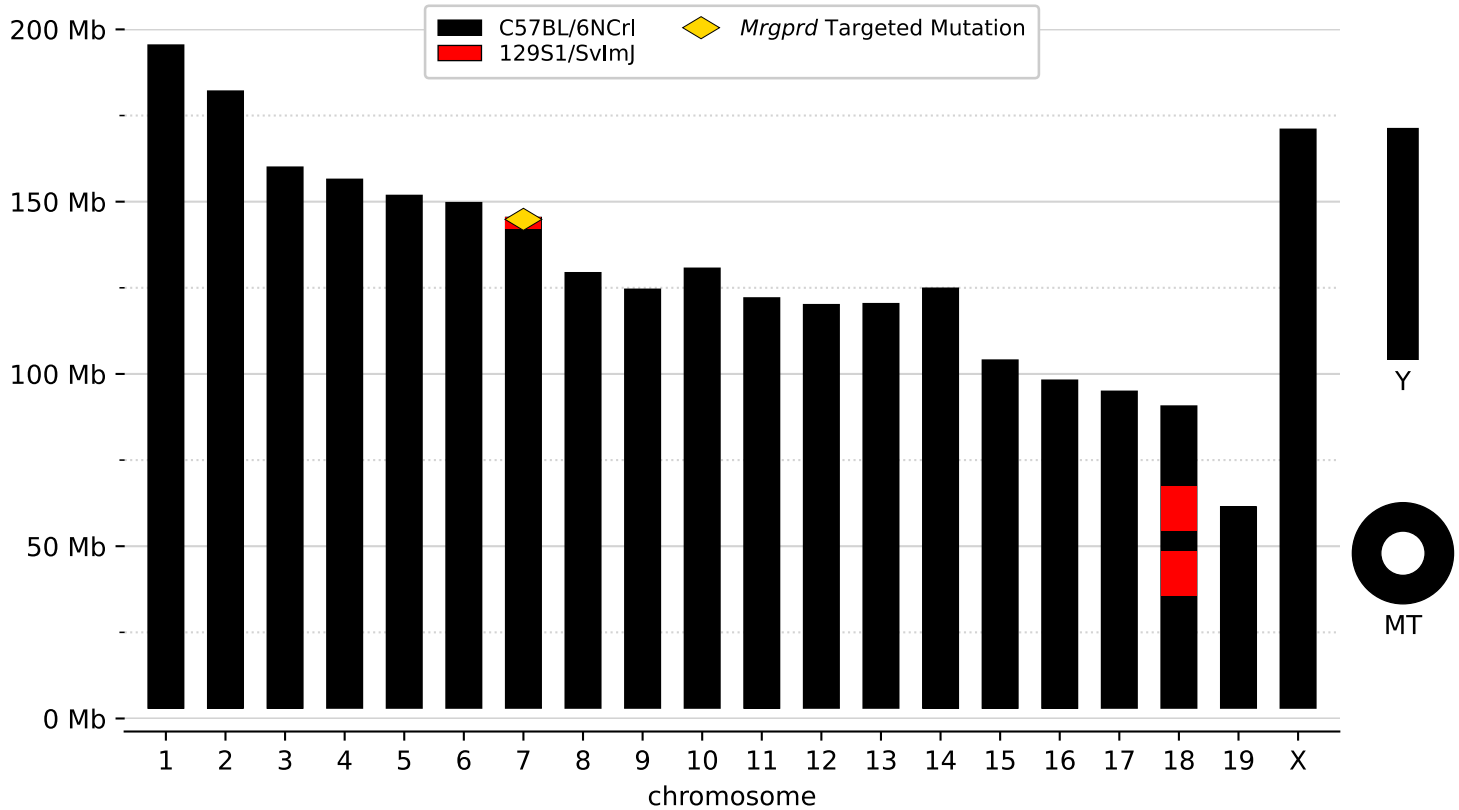


Summary: Incipient congenic strain carrying the *tm1.1(cre)And* allele of the *Mrgprd* gene on C57BL/6N background. The allele of interest present on chromosome 7 is on the donor background (129S1/SvImJ). The donor background is also present on chromosome 18. C57BL/6NCrI was detected with diagnostic 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/6NCrI	Homozygous	98.8%	N/A
129S1/SvImJ	Homozygous	1.2%	N/A
Total		100.0%	0

Substrain Detected	FH5085	JZ1106	Constructs Detected
C57BL/6NCrI	present	present	Cre, g_FP