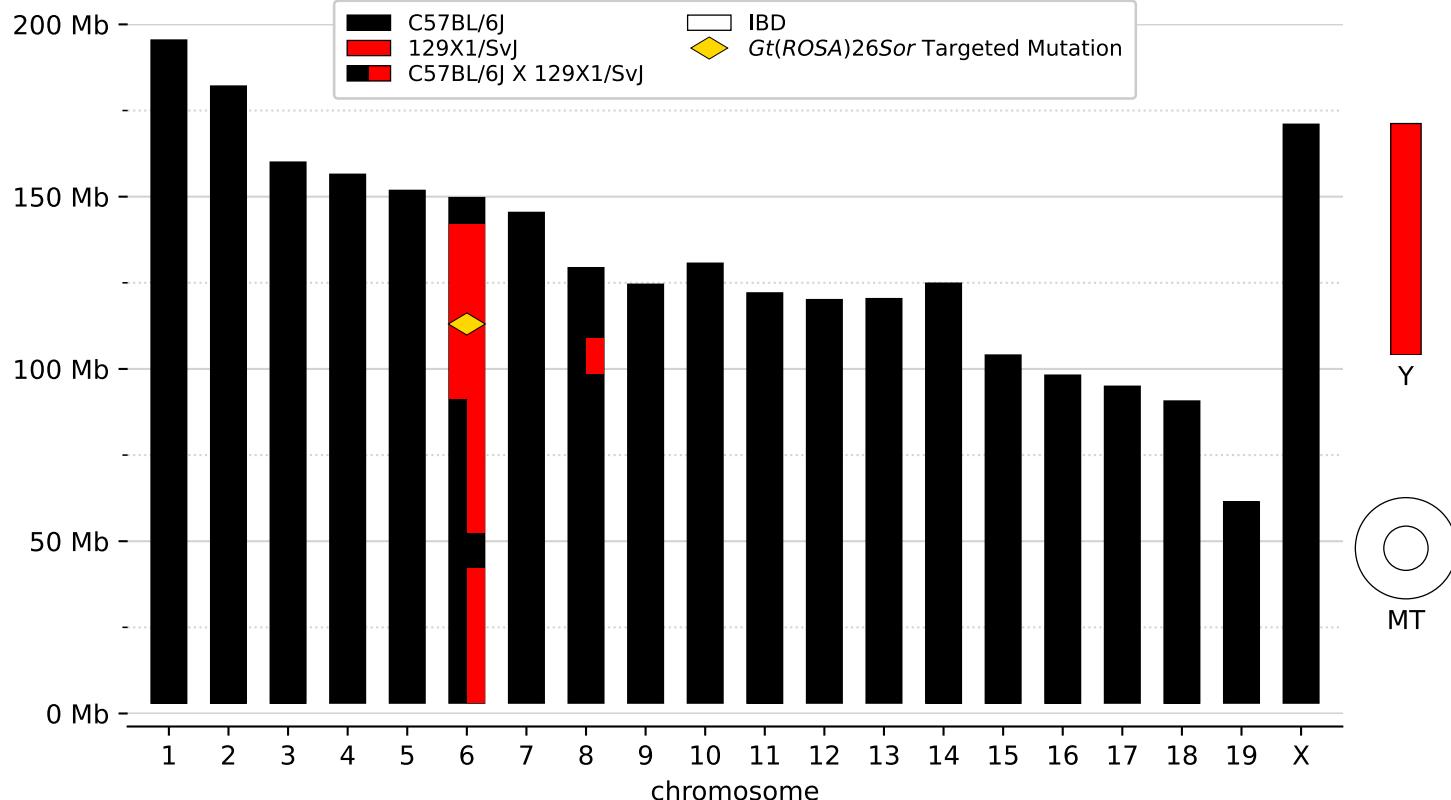


Summary: Incipient congenic strain carrying the *tm2(ECFP)Cos* allele of the *Gt(ROSA)26Sor* gene on C57BL/6J background. The allele of interest present on chromosome 6 is on the donor background (129X1/SvJ). The donor background is also present on chromosomes 8 and Y. C57BL/6J was detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 3.4% 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 2019.



Genetic Background	Zygosity	Genome %	Estimated # Segregating SNPs
C57BL/6J	Homozygous	94.6%	N/A
129X1/SvJ	Homozygous	2.0%	N/A
C57BL/6J X 129X1/SvJ	Heterozygous	3.4%	80,000
Total		100.0%	80,000

Substrain Detected	NR3313	UY8135	Total SNPs Annotated
C57BL/6J	159	161	168

Constructs Detected
bpA, g_FP