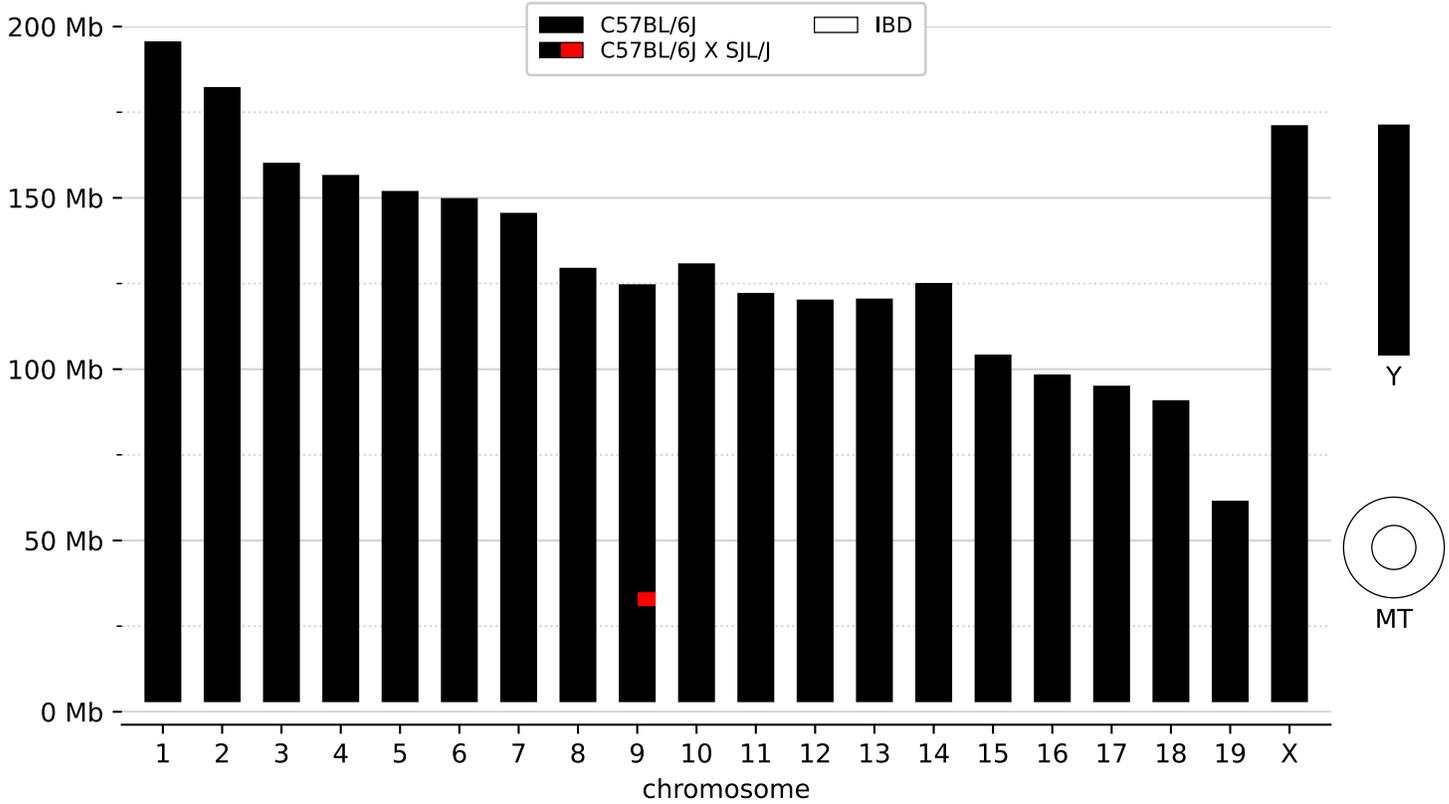


Summary: Congenic strain carrying a *Usp20* transgene under the *TagLn* promoter on C57BL/6J background. The donor background (SJL/J) is present on chromosome 9. C57BL/6J was detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 0.2% of the genome is segregating for the donor background. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2020.



Genetic Background	Zygoty	Genome %	Estimated # Segregating SNPs
C57BL/6J	Homozygous	99.8%	N/A
C57BL/6J X SJL/J	Heterozygous	0.2%	1,400
Total		100.0%	1,400

Substrain Detected	VP5899	WW4815	Constructs Detected
C57BL/6J	present	present	bpA