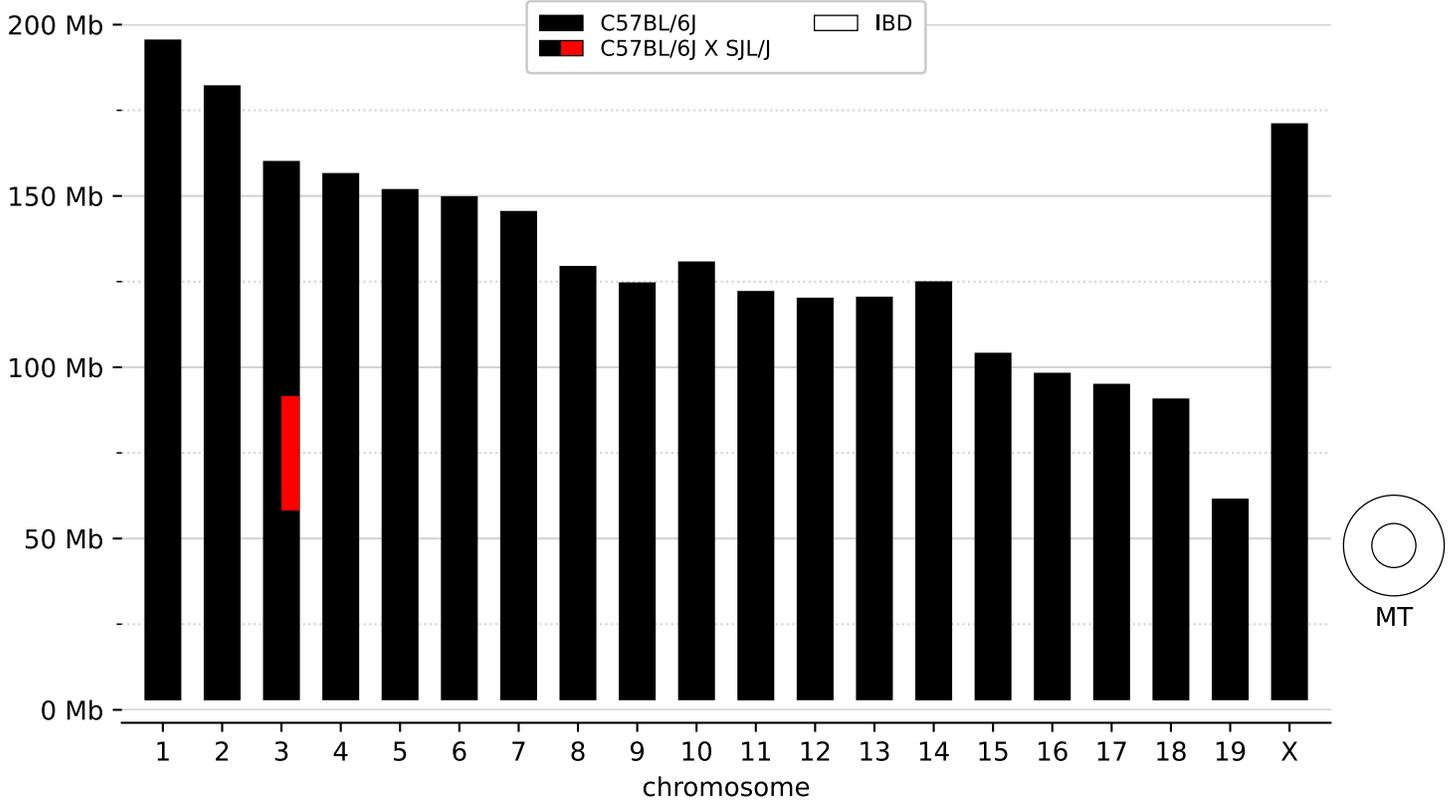


Summary: Double congenic carrying the *APPSwFILon* and *PSEN1\*M146L\*L286V* transgenes under the *Thy* promoter on C57BL/6J background. The two donor backgrounds (SJL/J and C57BL/6J) are present on chromosome 3. C57BL/6J was detected with diagnostic alleles. The genome of this strain is not fully replicable because up to 1.3% of the genome is segregating for the donor background. No male was genotyped; thus, the genetic background of the Y chromosome is unknown. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2025.



Genetic Background	Zygoty	Genome %	Estimated # Segregating SNPs
C57BL/6J	Homozygous	98.7%	N/A
C57BL/6J X SJL/J	Heterozygous	1.3%	19,400
<b>Total</b>		<b>100.0%</b>	<b>19,400</b>

Substrain Detected	AM1820	GV1313	Constructs Detected
C57BL/6J	present	present	bpA