

Summary: Cross strain carrying the *APPSwFILon* and *PSEN1*M146L*L286V* transgenes under the Thy1 promoter on mixed C57BL/6J and SJL/J background. Neither parental background contributes at least 80% of the genome in homozygosity. C57BL/6J was detected with diagnostic alleles. The genome of this strain is not replicable. 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		Zygosity		Genome %
C57BL/6J, SJL/J		Segregating		>81.1%
Substrain Detected	VX1598	WE9432	Total SNPs Annotated	Constructs Detected
C57BL/6J	114	114	168	None