

Summary: Stock strain carrying the *tm1Mpm* allele of the *Psen1* gene and the APP<sup>Swe</sup> and tau<sup>P301L</sup>1Lfa transgenes under the *Thy-1* promoter on mixed background. The genetic background cannot be resolved for most of the genome with MiniMUGA. 129S1/SvImJ, 129S4/SvJaeJ, 129X1/SvJ, and C57BL/6J were detected with diagnostic alleles. The genome of this strain is not replicable. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2025.

Substrain Detected	MY1308	XM3650	Constructs Detected
C57BL/6J	present	present	bpA
129X1/SvJ	present	present	
129S4/SvJaeJ	present	present	
129S1/SvImJ	present	present	