

# MMRRC Strain GQC

RRID:MMRRC\_034830-JAX

Name: STOCK-Tg(APPSwe,tauP301L)1Lfa  
*Psen1*<sup>tm1Mpm</sup>/Mmjax

Samples Genotyped  
 MY1308 (XX)  
 XM3650 (XY)

Genotyping Dates  
 2025-12-03  
 2025-12-03

Summary: Stock strain carrying the *tm1Mpm* allele of the *Psen1* gene and the *APPSwe* and *tauP301L1Lfa* transgenes under the *Thy-1* promoter on mixed background. The genetic background cannot be resolved for most of the genome with MiniMUGA. 129S1/SvlmJ, 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	
129X1/SvJ	present	present	
129S4/SvJaeJ	present	present	
129S1/SvlmJ	present	present	bpA