

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

[Psen1^{tm1Mpm}/Psen1^{tm1Mpm};
Tg\(APP^{Swe}/tauP301L\)1Lfa/Tg\(APP^{Swe}/tauP301L\)1Lfa](#)

RRID:MGI:3720782

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3720782

Description: Allele Detail: Targeted, Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted, Transgenic This is a legacy resource.

Phenotype: amyloid beta deposits, abnormal contextual conditioning behavior, abnormal learning/memory/conditioning

Affected Gene: Psen1, Tg(APP^{Swe}, tauP301L)1Lfa

Genomic Alteration: Tg(APP^{Swe}, tauP301L)1Lfa, tm1Mpm

Catalog Number: 3720782

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15748844](#)

Organism Name: Psen1^{tm1Mpm}/Psen1^{tm1Mpm};
Tg(APP^{Swe}/tauP301L)1Lfa/Tg(APP^{Swe}/tauP301L)1Lfa

Record Creation Time: 20240120T190505+0000

Ratings and Alerts

No rating or validation information has been found for Psen1^{tm1Mpm}/Psen1^{tm1Mpm}; Tg(APP^{Swe}/tauP301L)1Lfa/Tg(APP^{Swe}/tauP301L)1Lfa.

No alerts have been found for Psen1^{tm1Mpm}/Psen1^{tm1Mpm}; Tg(APP^{Swe}/tauP301L)1Lfa/Tg(APP^{Swe}/tauP301L)1Lfa.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Chilton PM, et al. (2024) Age-associated temporal decline in butyrate-producing bacteria plays a key pathogenic role in the onset and progression of neuropathology and memory deficits in 3??Tg-AD mice. Gut microbes, 16(1), 2389319.