

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Psen2^{tm1Ber}/Psen2^{tm1Ber}; Tg\(Camk2a-cre\)T29-1Stl;
Psen1^{tm1Jzt}/Psen1^{tm1Jzt}](#)

RRID:MGI:3045186

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3045186

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

Species: Mus musculus

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

Phenotype: abnormal neuron morphology, neurodegeneration, weight loss, abnormal corpus callosum morphology, abnormal cerebral cortex morphology, gliosis, enlarged third ventricle, enlarged lateral ventricles, hyperactivity, abnormal apoptosis, abnormal object recognition memory, abnormal hippocampus molecular cell layer

Affected Gene: Psen1, Psen2

Genomic Alteration: tm1Jzt, Tg(Camk2a-cre)T29-1Stl, tm1Ber

Catalog Number: 3045186

Background: involves: C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15148382](#)

Organism Name: Psen2^{tm1Ber}/Psen2^{tm1Ber}; Tg(Camk2a-cre)T29-1Stl; Psen1^{tm1Jzt}/Psen1^{tm1Jzt}

Record Creation Time: 20240120T190657+0000

Record Last Update: 20240130T202038+0000

Ratings and Alerts

No rating or validation information has been found for Psen2^{tm1Ber}/Psen2^{tm1Ber}; Tg(Camk2a-cre)T29-1Stl; Psen1^{tm1Jzt}/Psen1^{tm1Jzt}.

No alerts have been found for Psen2^{tm1Ber}/Psen2^{tm1Ber}; Tg(Camk2a-cre)T29-1Stl; Psen1^{tm1Jzt}/Psen1^{tm1Jzt}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.