

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

Psen1^{tm2Shn}/Psen1^{tm2Shn}; Tg(Camk2a-cre)1Shn

RRID:MGI:3777984

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3777984

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

Species: Mus musculus

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

Phenotype: amyloid beta deposits, abnormal long term spatial reference memory, abnormal spatial learning, nervous system phenotype

Affected Gene: Psen1

Genomic Alteration: tm2Shn, Tg(Camk2a-cre)1Shn

Catalog Number: 3777984

Background: involves: 129S4/SvJae * C57BL/6J * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11567612](#)

Organism Name: Psen1^{tm2Shn}/Psen1^{tm2Shn}; Tg(Camk2a-cre)1Shn

Record Creation Time: 20240120T190443+0000

Record Last Update: 20240130T201921+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Psen1}^{\text{tm2Shn}}/\text{Psen1}^{\text{tm2Shn}};$ $\text{Tg}(\text{Camk2a-cre})1\text{Shn}$.

No alerts have been found for $\text{Psen1}^{\text{tm2Shn}}/\text{Psen1}^{\text{tm2Shn}};$ $\text{Tg}(\text{Camk2a-cre})1\text{Shn}$.

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 [NIF](#) .

Servín-Morilla E, et al. (2018) Proteolytic Processing of Neurexins by Presenilins Sustains Synaptic Vesicle Release. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(4), 901.