

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

[Psen2<sup>tm1Ber</sup>/Psen2<sup>tm1Ber</sup>; Tg\(Camk2a-cre\)T29-1Stl;](#)  
[Psen1<sup>tm1Jzt</sup>/Psen1<sup>tm1Jzt</sup>](#)

RRID:MGI:3045186

Type: Organism

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## Proper Citation

RRID:MGI:3045186

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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<sup>tm1Ber</sup>/Psen2<sup>tm1Ber</sup>; Tg(Camk2a-cre)T29-1Stl; Psen1<sup>tm1Jzt</sup>/Psen1<sup>tm1Jzt</sup>

**Record Creation Time:** 20240120T190657+0000

**Record Last Update:** 20240130T202038+0000

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## Ratings and Alerts

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

No alerts have been found for Psen2<sup>tm1Ber</sup>/Psen2<sup>tm1Ber</sup>; Tg(Camk2a-cre)T29-1Stl; Psen1<sup>tm1Jzt</sup>/Psen1<sup>tm1Jzt</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.