

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

[Nos2^{tm1Lau}/Nos2^{tm1Lau}; Tg\(APPSE\)2576Kha](#)

RRID:MGI:3769910

Type: Organism

Proper Citation

RRID:MGI:3769910

Organism Information

URL:

Proper Citation: RRID:MGI:3769910

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

Species: Mus musculus

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

Phenotype: abnormal subiculum morphology, loss of hippocampal neurons, abnormal long term spatial reference memory, neuron degeneration, abnormal hippocampus CA3 region morphology, amyloid beta deposits, amyloid beta deposits, decreased neuron number

Affected Gene: Nos2

Genomic Alteration: Tg(APPSE)2576Kha, tm1Lau

Catalog Number: 3769910

Background: involves: 129P2/OlaHsd * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16908860](#), [PMID:19096157](#)

Organism Name: Nos2^{tm1Lau}/Nos2^{tm1Lau}; Tg(APPSE)2576Kha

Record Creation Time: 20240120T190449+0000

Record Last Update: 20240130T201925+0000

Ratings and Alerts

No rating or validation information has been found for Nos2^{tm1Lau}/Nos2^{tm1Lau}; Tg(APPSWE)2576Kha.

No alerts have been found for Nos2^{tm1Lau}/Nos2^{tm1Lau}; Tg(APPSWE)2576Kha.

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.