

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

Tg(Thy1-APPSwDutlowa)BWevn; Nos2^{tm1Lau}/Nos2^{tm1Lau}

RRID:MGI:3829507

Type: Organism

Proper Citation

RRID:MGI:3829507

Organism Information

URL:

Proper Citation: RRID:MGI:3829507

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

Species: Mus musculus

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

Phenotype: decreased subiculum size, increased neuron apoptosis, abnormal hippocampus CA3 region morphology, amyloid beta deposits, hippocampal neuron degeneration, decreased subiculum size, neurodegeneration, tau protein deposits, abnormal spatial reference memory, decreased neuron number, abnormal brain interneuron morphology, amyloid beta deposits, abnormal hippocampus CA3 region morphology

Affected Gene: Nos2

Genomic Alteration: tm1Lau, Tg(Thy1-APPSwDutlowa)BWevn

Catalog Number: 3829507

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18272675](#), [PMID:19096157](#)

Organism Name: Tg(Thy1-APPSwDutlowa)BWevn; Nos2^{tm1Lau}/Nos2^{tm1Lau}

Record Creation Time: 20240120T190359+0000

Record Last Update: 20240130T201856+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Thy1-APPSwDutlowa)BWevn; Nos2^{tm1Lau}/Nos2^{tm1Lau}.

No alerts have been found for Tg(Thy1-APPSwDutlowa)BWevn; Nos2^{tm1Lau}/Nos2^{tm1Lau}.

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.