

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

Tg(Neurod2-Smo*A1)199Jols/Tg(Neurod2-Smo*A1)199Jols

RRID:MGI:3831004

Type: Organism

Proper Citation

RRID:MGI:3831004

Organism Information

URL:

Proper Citation: RRID:MGI:3831004

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

Species: Mus musculus

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

Phenotype: weight loss, abnormal cerebellum morphology, abnormal cerebellum external granule cell layer morphology, abnormal cranium morphology, abnormal subarachnoid space morphology, ataxia, head tilt, hunched posture, increased medulloblastoma incidence, premature death, increased medulloblastoma incidence, nervous system phenotype

Affected Gene: Tg(Neurod2-Smo*A1)199Jols

Genomic Alteration: Tg(Neurod2-Smo*A1)199Jols

Catalog Number: 3831004

Background: C57BL/6-Tg(Neurod2-Smo*A1)199Jols

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18339857](#), [PMID:22869526](#)

Organism Name: Tg(Neurod2-Smo*A1)199Jols/Tg(Neurod2-Smo*A1)199Jols

Record Creation Time: 20240120T190358+0000

Record Last Update: 20240130T201856+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Neurod2-Smo*A1)199Jols/Tg(Neurod2-Smo*A1)199Jols.

No alerts have been found for Tg(Neurod2-Smo*A1)199Jols/Tg(Neurod2-Smo*A1)199Jols.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Pokrajac NT, et al. (2022) Three dimensional reconstruction of the mouse cerebellum in Hedgehog-driven medulloblastoma models to identify Norrin-dependent effects on preneoplasia. Communications biology, 5(1), 569.

Bassett EA, et al. (2016) Norrin/Frizzled4 signalling in the preneoplastic niche blocks medulloblastoma initiation. eLife, 5.