

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 13, 2026

Tg(RIP1-Neurod1)1Jle; Neurod1^{tm1Jle}/Neurod1^{tm1Jle}

RRID:MGI:3497709

Type: Organism

Proper Citation

RRID:MGI:3497709

Organism Information

URL:

Proper Citation: RRID:MGI:3497709

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

Species: Mus musculus

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

Phenotype: thin external granule cell layer, decreased body weight, absent endocochlear potential, abnormal cerebellar granule layer morphology, reduced modiolus, abnormal cochlear sensory epithelium morphology, decreased sensory neuron number, absent cochlear ganglion, decreased Purkinje cell number, abnormal neuron differentiation, abnormal cerebellar foliation, impaired balance, postnatal growth retardation, hearing/vestibular/ear phenotype, abnormal motor coordination/balance, abnormal sensory neuron innervation pattern, absent dentate gyrus, abnormal vestibulocochlear ganglion morphology, deafness, abnormal vestibular ganglion morphology, abnormal Purkinje cell morphology, small cerebellum, ataxia

Affected Gene: Neurod1

Genomic Alteration: Tg(RIP1-Neurod1)1Jle, tm1Jle

Catalog Number: 3497709

Background: involves: 129S4/SvJaeSor * C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10398678](#), [PMID:11152640](#)

Organism Name: Tg(RIP1-Neurod1)1Jle; Neurod1^{tm1Jle}/Neurod1^{tm1Jle}

Record Creation Time: 20240120T190647+0000

Record Last Update: 20240130T202128+0000

Ratings and Alerts

No rating or validation information has been found for Tg(RIP1-Neurod1)1Jle; Neurod1^{tm1Jle}/Neurod1^{tm1Jle}.

No alerts have been found for Tg(RIP1-Neurod1)1Jle; Neurod1^{tm1Jle}/Neurod1^{tm1Jle}.

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.