

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 21, 2026

## Tg(RIP1-Neurod1)1Jle; Neurod1<sup>tm1Jle</sup>/Neurod1<sup>tm1Jle</sup>

RRID:MGI:3497709

Type: Organism

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### Proper Citation

RRID:MGI:3497709

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### 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<sup>tm1Jle</sup>/Neurod1<sup>tm1Jle</sup>

**Record Creation Time:** 20240120T190647+0000

**Record Last Update:** 20240130T202128+0000

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## Ratings and Alerts

No rating or validation information has been found for Tg(RIP1-Neurod1)1Jle; Neurod1<sup>tm1Jle</sup>/Neurod1<sup>tm1Jle</sup>.

No alerts have been found for Tg(RIP1-Neurod1)1Jle; Neurod1<sup>tm1Jle</sup>/Neurod1<sup>tm1Jle</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.