

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Bdnf^{tm1Gdy}/Bdnf^{tm1Gdy}](#)

RRID:MGI:2175719

Type: Organism

Proper Citation

RRID:MGI:2175719

Organism Information

URL:

Proper Citation: RRID:MGI:2175719

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

Species: Mus musculus

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

Phenotype: abnormal sensory neuron innervation pattern, decreased sensory neuron number, small vestibular ganglion, decreased brain size, postnatal growth retardation, small petrosal ganglion, small trigeminal ganglion, small nodose ganglion, postnatal lethality, incomplete penetrance, impaired righting response, abnormal motor coordination/balance, hyperactivity, abnormal cochlear OHC afferent innervation pattern, vestibular ganglion degeneration, small vestibular ganglion

Affected Gene: Bdnf

Genomic Alteration: tm1Gdy

Catalog Number: 2175719

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:8674435](#), [PMID:7746324](#)

Organism Name: Bdnf^{tm1Gdy}/Bdnf^{tm1Gdy}

Record Creation Time: 20240120T190755+0000

Record Last Update: 20240130T202138+0000

Ratings and Alerts

No rating or validation information has been found for Bdnf^{tm1Gdy}/Bdnf^{tm1Gdy}.

No alerts have been found for Bdnf^{tm1Gdy}/Bdnf^{tm1Gdy}.

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.