

# Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

[Bdnf<sup>tm1Gdy</sup>/Bdnf<sup>tm1Gdy</sup>; Ntf5<sup>tm1Gdy</sup>/Ntf5<sup>tm1Gdy</sup>](#)

RRID:MGI:3655642

Type: Organism

## Proper Citation

RRID:MGI:3655642

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3655642

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

**Species:** Mus musculus

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

**Phenotype:** decreased sensory neuron number, postnatal lethality, complete penetrance, postnatal growth retardation, abnormal motor coordination/balance, hyperactivity, impaired righting response, small nodose ganglion, small petrosal ganglion, small trigeminal ganglion, small vestibular ganglion

**Affected Gene:** Bdnf, Ntf5

**Genomic Alteration:** tm1Gdy

**Catalog Number:** 3655642

**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<sup>tm1Gdy</sup>/Bdnf<sup>tm1Gdy</sup>; Ntf5<sup>tm1Gdy</sup>/Ntf5<sup>tm1Gdy</sup>

**Record Creation Time:** 20240120T190548+0000

**Record Last Update:** 20240130T201958+0000

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## Ratings and Alerts

No rating or validation information has been found for Bdnf<sup>tm1Gdy</sup>/Bdnf<sup>tm1Gdy</sup>; Ntf5<sup>tm1Gdy</sup>/Ntf5<sup>tm1Gdy</sup>.

No alerts have been found for Bdnf<sup>tm1Gdy</sup>/Bdnf<sup>tm1Gdy</sup>; Ntf5<sup>tm1Gdy</sup>/Ntf5<sup>tm1Gdy</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.