

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

[Nrg1^{tm1Cbm}/Nrg1^{tm1Cbm}](#)

RRID:MGI:2175167

Type: Organism

Proper Citation

RRID:MGI:2175167

Organism Information

URL:

Proper Citation: RRID:MGI:2175167

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

Species: Mus musculus

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

Phenotype: decreased Schwann cell precursor number, embryonic lethality during organogenesis, complete penetrance, decreased radial glial cell number, small petrosal ganglion, abnormal cranial ganglia morphology, abnormal cranial nerve morphology, abnormal superior vagus ganglion morphology, absent trigeminal nerve, abnormal mandibular nerve innervation pattern, enlarged heart, absent oligodendrocytes, trabecula carnea hypoplasia, irregular heartbeat, enlarged pericardium, small nodose ganglion, failure of atrioventricular cushion closure

Affected Gene: Nrg1

Genomic Alteration: tm1Cbm

Catalog Number: 2175167

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:7477375](#), [PMID:9892702](#), [PMID:12649319](#)

Organism Name: Nrg1^{tm1Cbm}/Nrg1^{tm1Cbm}

Record Creation Time: 20240120T190758+0000

Record Last Update: 20240130T202113+0000

Ratings and Alerts

No rating or validation information has been found for Nrg1^{tm1Cbm}/Nrg1^{tm1Cbm}.

No alerts have been found for Nrg1^{tm1Cbm}/Nrg1^{tm1Cbm}.

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.