

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Nr4a3^{tm1Omc}/Nr4a3^{tm1Omc}](#)

RRID:MGI:3037447

Type: Organism

Proper Citation

RRID:MGI:3037447

Organism Information

URL:

Proper Citation: RRID:MGI:3037447

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

Species: Mus musculus

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

Phenotype: abnormal axon guidance, abnormal hippocampus pyramidal cell layer, abnormal vestibular system physiology, decreased hippocampus pyramidal cell number, tonic-clonic seizures, abnormal axon extension, bidirectional circling, abnormal semicircular canal morphology, increased susceptibility to pharmacologically induced seizures, abnormal endolymphatic duct morphology, impaired balance, abnormal sulcus ampullaris morphology, hyperactivity, loss of hippocampal neurons, abnormal hippocampus development, increased neuron apoptosis

Affected Gene: Nr4a3

Genomic Alteration: tm1Omc

Catalog Number: 3037447

Background: involves: 129S/SvEv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15456880](#), [PMID:11784868](#)

Organism Name: Nr4a3^{tm1Omc}/Nr4a3^{tm1Omc}

Record Creation Time: 20240120T190707+0000

Record Last Update: 20240130T202043+0000

Ratings and Alerts

No rating or validation information has been found for Nr4a3^{tm1Omc}/Nr4a3^{tm1Omc}.

No alerts have been found for Nr4a3^{tm1Omc}/Nr4a3^{tm1Omc}.

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.