

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

[Nfib^{tm1Rmg}/Nfib^{tm1Rmg}](#)

RRID:MGI:3530497

Type: Organism

Proper Citation

RRID:MGI:3530497

Organism Information

URL:

Proper Citation: RRID:MGI:3530497

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

Species: Mus musculus

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

Phenotype: abnormal lung morphology, absent lung sacculles, abnormal cerebellar granule cell morphology, absent dentate gyrus, abnormal hippocampus development, abnormal hippocampal fimbria morphology, abnormal hippocampus CA3 region morphology, abnormal major salivary gland morphology, absent cerebellar foliation, abnormal submandibular gland development, decreased submandibular gland size, abnormal pons morphology, absent hippocampus CA3 region, submandibular gland hypoplasia, decreased fetal size, abnormal craniofacial development, abnormal glial cell morphology, absent corpus callosum, enlarged brain ventricles, abnormal lung development

Affected Gene: Nfib

Genomic Alteration: tm1Rmg

Catalog Number: 3530497

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:15632069](#), [PMID:17553984](#), [PMID:25403566](#), [PMID:21931569](#)

Organism Name: Nfib^{tm1Rmg}/Nfib^{tm1Rmg}

Record Creation Time: 20240120T190638+0000

Record Last Update: 20240130T202026+0000

Ratings and Alerts

No rating or validation information has been found for Nfib^{tm1Rmg}/Nfib^{tm1Rmg}.

No alerts have been found for Nfib^{tm1Rmg}/Nfib^{tm1Rmg}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Chen KS, et al. (2017) Differential neuronal and glial expression of nuclear factor I proteins in the cerebral cortex of adult mice. The Journal of comparative neurology, 525(11), 2465.