

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

[Grin1^{tm1Cur}/Grin1^{tm1.1Phs}](#)

RRID:MGI:3845918

Type: Organism

Proper Citation

RRID:MGI:3845918

Organism Information

URL:

Proper Citation: RRID:MGI:3845918

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

Species: Mus musculus

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

Phenotype: neonatal lethality, complete penetrance, abnormal breathing pattern, absence of NMDA-mediated synaptic currents, abnormal pulmonary respiratory rate, absent gastric milk in neonates, aphagia, cyanosis, respiratory distress

Affected Gene: Grin1

Genomic Alteration: tm1Cur, tm1.1Phs

Catalog Number: 3845918

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10729336](#)

Organism Name: Grin1^{tm1Cur}/Grin1^{tm1.1Phs}

Record Creation Time: 20240120T190339+0000

Record Last Update: 20240130T201844+0000

Ratings and Alerts

No rating or validation information has been found for Grin1^{tm1Cur}/Grin1^{tm1.1Phs}.

No alerts have been found for Grin1^{tm1Cur}/Grin1^{tm1.1Phs}.

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.