

Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

[Lgi4^{tm1Sjm}/Lgi4^{tm1Sjm}](#)

RRID:MGI:4849630

Type: Organism

Proper Citation

RRID:MGI:4849630

Organism Information

URL:

Proper Citation: RRID:MGI:4849630

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

Species: Mus musculus

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

Phenotype: abnormal glial cell physiology, abnormal Schwann cell morphology, abnormal PNS glial cell morphology, abnormal forelimb morphology, abnormal glial cell morphology, decreased body weight, demyelination, decreased body size, neonatal lethality, incomplete penetrance, postnatal growth retardation, abnormal sciatic nerve morphology

Affected Gene: Lgi4

Genomic Alteration: tm1Sjm

Catalog Number: 4849630

Background: involves: C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21068328](#)

Organism Name: Lgi4^{tm1Sjm}/Lgi4^{tm1Sjm}

Record Creation Time: 20240120T190237+0000

Record Last Update: 20240130T201810+0000

Ratings and Alerts

No rating or validation information has been found for Lgi4^{tm1Sjm}/Lgi4^{tm1Sjm}.

No alerts have been found for Lgi4^{tm1Sjm}/Lgi4^{tm1Sjm}.

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.