

# Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

## [Lgi4<sup>tm1Sjm</sup>/Lgi4<sup>tm1Sjm</sup>](#)

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<sup>tm1Sjm</sup>/Lgi4<sup>tm1Sjm</sup>

**Record Creation Time:** 20240120T190237+0000

**Record Last Update:** 20240130T201810+0000

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## Ratings and Alerts

No rating or validation information has been found for Lgi4<sup>tm1Sjm</sup>/Lgi4<sup>tm1Sjm</sup>.

No alerts have been found for Lgi4<sup>tm1Sjm</sup>/Lgi4<sup>tm1Sjm</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.