

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[Lfng^{tm1Rjo}/Lfng^{tm1Rjo}](#)

RRID:MGI:3777244

Type: Organism

Proper Citation

RRID:MGI:3777244

Organism Information

URL:

Proper Citation: RRID:MGI:3777244

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

Species: Mus musculus

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

Phenotype: abnormal thoracic vertebrae morphology, abnormal lumbar vertebrae morphology, abnormal rostral-caudal patterning of the somites, short tail, rib fusion, postnatal lethality, incomplete penetrance, male infertility, abnormal sacral vertebrae morphology

Affected Gene: Lfng

Genomic Alteration: tm1Rjo

Catalog Number: 3777244

Background: either: (involves: 129S7/SvEvBrd * C57BL/6J) or (involves: 129S7/SvEvBrd * C57BL/6J * FVB/N)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18234727](#)

Organism Name: Lfng^{tm1Rjo}/Lfng^{tm1Rjo}

Record Creation Time: 20240120T190443+0000

Record Last Update: 20240130T201922+0000

Ratings and Alerts

No rating or validation information has been found for *Lfng*^{tm1Rjo}/*Lfng*^{tm1Rjo}.

No alerts have been found for *Lfng*^{tm1Rjo}/*Lfng*^{tm1Rjo}.

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 [NIF](#) .

Bochter MS, et al. (2022) *Lfng* and *Dll3* cooperate to modulate protein interactions in cis and coordinate oscillatory Notch pathway activation in the segmentation clock. *Developmental biology*, 487, 42.