

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

[Lasp1](#)[Tg\(Col1a1-lacZ\)1Ngma](#)/[Lasp1](#)[Tg\(Col1a1-lacZ\)1Ngma](#)

RRID:MGI:4366487

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4366487

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

Species: Mus musculus

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

Phenotype: abnormal response to vitamins, spina bifida occulta, short vertebral body, scoliosis, increased sensitivity to induced morbidity/mortality, delayed endochondral bone ossification, abnormal intervertebral disk morphology, absent vertebral spinous process, decreased lumbar vertebrae number, cleft palate, abnormal vertebral epiphyseal plate morphology, abnormal tail morphology, abnormal sternum morphology

Affected Gene: Lasp1

Genomic Alteration: Tg(Col1a1-lacZ)1Ngma

Catalog Number: 4366487

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19378260](#)

Organism Name: Lasp1^{Tg(Col1a1-lacZ)1Ngma}/Lasp1^{Tg(Col1a1-lacZ)1Ngma}

Record Creation Time: 20240120T190319+0000

Record Last Update: 20240130T201832+0000

Ratings and Alerts

No rating or validation information has been found for Lasp1^{Tg(Col1a1-lacZ)1Ngma}/Lasp1^{Tg(Col1a1-lacZ)1Ngma}.

No alerts have been found for Lasp1^{Tg(Col1a1-lacZ)1Ngma}/Lasp1^{Tg(Col1a1-lacZ)1Ngma}.

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.