

Resource Summary Report

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

[Lmx1b^{tm1Rjo}/Lmx1b^{tm1Rjo}](#)

RRID:MGI:2677374

Type: Organism

Proper Citation

RRID:MGI:2677374

Organism Information

URL:

Proper Citation: RRID:MGI:2677374

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

Species: Mus musculus

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

Phenotype: absence of all nails, abnormal pectoral girdle bone morphology, absent supraoccipital bone, neonatal lethality, complete penetrance, increased renal glomerulus basement membrane thickness, abnormal developmental patterning, small scapula, absent patella, abnormal cartilage development, abnormal iris stroma morphology, abnormal interparietal bone morphology, abnormal anterior eye segment morphology, abnormal corneal stroma morphology, abnormal clavicle morphology, irregularly shaped pupil, abnormal fontanelle morphology, absent ulna, abnormal suckling behavior, abnormal lens epithelium morphology, microphthalmia, abnormal ciliary body morphology, abnormal cranial suture morphology, abnormal renal glomerulus basement membrane morphology, absent ilium, abnormal eye anterior chamber morphology

Affected Gene: Lmx1b

Genomic Alteration: tm1Rjo

Catalog Number: 2677374

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9590288](#), [PMID:9664684](#), [PMID:10660670](#)

Organism Name: Lmx1b^{tm1Rjo}/Lmx1b^{tm1Rjo}

Record Creation Time: 20240120T190724+0000

Record Last Update: 20240130T202053+0000

Ratings and Alerts

No rating or validation information has been found for Lmx1b^{tm1Rjo}/Lmx1b^{tm1Rjo}.

No alerts have been found for Lmx1b^{tm1Rjo}/Lmx1b^{tm1Rjo}.

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.