

Resource Summary Report

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

[Col2a1^{tm1Prc}/Col2a1^{tm1Prc}](#)

RRID:MGI:3590207

Type: Organism

Proper Citation

RRID:MGI:3590207

Organism Information

URL:

Proper Citation: RRID:MGI:3590207

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

Species: Mus musculus

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

Phenotype: enlarged vertebral body, abnormal chest morphology, increased long bone epiphyseal plate size, decreased embryo size, abnormal skeleton development, abnormal rib morphology, abnormal endochondral bone ossification, decreased length of long bones, abnormal long bone metaphysis morphology, absent intervertebral disk, persistence of notochord tissue, abnormal long bone hypertrophic chondrocyte zone, disorganized long bone epiphyseal plate, abnormal cartilage development, domed cranium, abnormal long bone metaphysis morphology, abnormal long bone epiphysis morphology, abnormal long bone hypertrophic chondrocyte zone, abnormal long bone epiphyseal plate morphology, abnormal chest morphology, short facial bone, abnormal long bone morphology, abnormal trabecular bone morphology, abnormal cartilage morphology, abnormal endochondral bone ossification, abnormal rib morphology, abnormal vertebral body morphology, absent intervertebral disk, decreased body length, decreased length of long bones, enlarged vertebral body, short mandible, disproportionate dwarf, chondrodystrophy, short nasal bone, disproportionate dwarf, abnormal articular cartilage morphology

Affected Gene: Col2a1

Genomic Alteration: tm1Prc

Catalog Number: 3590207

Background: involves: 129

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12814946](#), [PMID:11680679](#)

Organism Name: Col2a1^{tm1Prc}/Col2a1^{tm1Prc}

Record Creation Time: 20240120T190620+0000

Record Last Update: 20240130T202016+0000

Ratings and Alerts

No rating or validation information has been found for Col2a1^{tm1Prc}/Col2a1^{tm1Prc}.

No alerts have been found for Col2a1^{tm1Prc}/Col2a1^{tm1Prc}.

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.