

# Resource Summary Report

Generated by [T1D](#) on Sep 17, 2026

## [Col2a1<sup>tm1Prc</sup>/Col2a1<sup>tm1Prc</sup>](#)

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<sup>tm1Prc</sup>/Col2a1<sup>tm1Prc</sup>

**Record Creation Time:** 20240120T190620+0000

**Record Last Update:** 20240130T202016+0000

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## Ratings and Alerts

No rating or validation information has been found for Col2a1<sup>tm1Prc</sup>/Col2a1<sup>tm1Prc</sup>.

No alerts have been found for Col2a1<sup>tm1Prc</sup>/Col2a1<sup>tm1Prc</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.