

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

## [Col12a1<sup>tm1Debi</sup>](#)/[Col12a1<sup>tm1Debi</sup>](#)

RRID:MGI:5141226

Type: Organism

### Proper Citation

RRID:MGI:5141226

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5141226

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

**Species:** Mus musculus

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

**Phenotype:** abnormal vertebral column morphology, short femur, decreased diameter of femur, abnormal femur morphology, abnormal vertebral spinous process morphology, kyphosis, decreased body weight, abnormal osteoblast physiology, decreased bone strength, abnormal skeleton morphology, skeleton phenotype, perinatal lethality, incomplete penetrance, decreased bone ossification, abnormal actin cytoskeleton morphology, abnormal skeleton physiology, abnormal cartilage development, abnormal skeleton development, decreased bone mineralization, abnormal osteoblast morphology, abnormal compact bone morphology, abnormal bone structure

**Affected Gene:** Col12a1

**Genomic Alteration:** tm1Debi

**Catalog Number:** 5141226

**Background:** involves: 129 \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:21670218](#)

**Organism Name:** Col12a1<sup>tm1Debi</sup>/Col12a1<sup>tm1Debi</sup>

**Record Creation Time:** 20240120T190213+0000

**Record Last Update:** 20240130T201757+0000

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## Ratings and Alerts

No rating or validation information has been found for Col12a1<sup>tm1Debi</sup>/Col12a1<sup>tm1Debi</sup>.

No alerts have been found for Col12a1<sup>tm1Debi</sup>/Col12a1<sup>tm1Debi</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.