

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[Col12a1^{tm1Debi}](#)/[Col12a1^{tm1Debi}](#)

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^{tm1Debi}/Col12a1^{tm1Debi}

Record Creation Time: 20240120T190213+0000

Record Last Update: 20240130T201757+0000

Ratings and Alerts

No rating or validation information has been found for Col12a1^{tm1Debi}/Col12a1^{tm1Debi}.

No alerts have been found for Col12a1^{tm1Debi}/Col12a1^{tm1Debi}.

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.