

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 20, 2026

[Tg\(Col2a1-cre\)#Amc; Zfp521^{tm1Ngc}/Zfp521^{tm1Ngc}](#)

RRID:MGI:4840376

Type: Organism

Proper Citation

RRID:MGI:4840376

Organism Information

URL:

Proper Citation: RRID:MGI:4840376

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

Species: Mus musculus

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

Phenotype: abnormal long bone epiphyseal plate morphology, proportional dwarf, small vertebrae, small thoracic cage, abnormal bone mineralization, abnormal bone structure, abnormal chondrocyte physiology, abnormal long bone epiphyseal plate proliferative zone, decreased length of long bones, decreased long bone epiphyseal plate size, decreased width of hypertrophic chondrocyte zone, postnatal growth retardation, postnatal growth retardation, abnormal chondrocyte physiology, decreased length of long bones

Affected Gene: Zfp521

Genomic Alteration: Tg(Col2a1-cre)#Amc, tm1Ngc

Catalog Number: 4840376

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20951345](#), [PMID:21642473](#)

Organism Name: Tg(Col2a1-cre)#Amc; Zfp521^{tm1Ngc}/Zfp521^{tm1Ngc}

Record Creation Time: 20240120T190239+0000

Record Last Update: 20240130T201811+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Col2a1-cre)#Amc; Zfp521^{tm1Ngc}/Zfp521^{tm1Ngc}.

No alerts have been found for Tg(Col2a1-cre)#Amc; Zfp521^{tm1Ngc}/Zfp521^{tm1Ngc}.

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.