

# Resource Summary Report

Generated by [nidm-terms](#) on Sep 18, 2026

[Tg\(Col2a1-cre\)#Amc; Zfp521<sup>tm1Ngc</sup>/Zfp521<sup>tm1Ngc</sup>](#)

RRID:MGI:4840376

Type: Organism

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## Proper Citation

RRID:MGI:4840376

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## 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<sup>tm1Ngc</sup>/Zfp521<sup>tm1Ngc</sup>

**Record Creation Time:** 20240120T190239+0000

**Record Last Update:** 20240130T201811+0000

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## Ratings and Alerts

No rating or validation information has been found for Tg(Col2a1-cre)#Amc; Zfp521<sup>tm1Ngc</sup>/Zfp521<sup>tm1Ngc</sup>.

No alerts have been found for Tg(Col2a1-cre)#Amc; Zfp521<sup>tm1Ngc</sup>/Zfp521<sup>tm1Ngc</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.