

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 27, 2026

## Col2a1<sup>tm1(SOX9)Crm</sup>/Col2a1<sup>+</sup>

RRID:MGI:3045417

Type: Organism

### Proper Citation

RRID:MGI:3045417

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3045417

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

**Species:** Mus musculus

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

**Phenotype:** respiratory distress, cleft secondary palate, abnormal long bone epiphyseal plate morphology, abnormal craniofacial bone morphology, decreased body size, decreased chondrocyte proliferation, decreased length of long bones, radius hypoplasia, short snout, abnormal cartilage morphology, abnormal basicranium morphology, domed cranium, abnormal hyoid bone morphology, small thoracic cage, abnormal vertebrae morphology, neonatal lethality, incomplete penetrance, abnormal axial skeleton morphology

**Affected Gene:** Col2a1

**Genomic Alteration:** tm1(SOX9)Crm

**Catalog Number:** 3045417

**Background:** 129S/Sv-Col2a1

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:15132997](#)

**Organism Name:** Col2a1<sup>tm1(SOX9)Crm</sup>/Col2a1<sup>+</sup>

**Record Creation Time:** 20240120T190657+0000

**Record Last Update:** 20240130T202038+0000

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## Ratings and Alerts

No rating or validation information has been found for Col2a1<sup>tm1(SOX9)Crm</sup>/Col2a1<sup>+</sup>.

No alerts have been found for Col2a1<sup>tm1(SOX9)Crm</sup>/Col2a1<sup>+</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.