

Resource Summary Report

Generated by [ASWG](#) on Aug 13, 2026

[Col2a1^{tm1\(SOX9\)Crm}/Col2a1⁺](#)

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^{tm1(SOX9)Crm}/Col2a1⁺

Record Creation Time: 20240120T190657+0000

Record Last Update: 20240130T202038+0000

Ratings and Alerts

No rating or validation information has been found for Col2a1^{tm1(SOX9)Crm}/Col2a1⁺.

No alerts have been found for Col2a1^{tm1(SOX9)Crm}/Col2a1⁺.

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.