

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

[Col2a1^{tm1\(SOX9\)Crm/Col2a1⁺}](#); [Sox9^{tm1Crm/Sox9⁺}](#)

RRID:MGI:3045418

Type: Organism

Proper Citation

RRID:MGI:3045418

Organism Information

URL:

Proper Citation: RRID:MGI:3045418

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

Species: Mus musculus

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

Phenotype: decreased body size, abnormal skeleton development, neonatal lethality, incomplete penetrance

Affected Gene: Sox9, Col2a1

Genomic Alteration: tm1(SOX9)Crm, tm1Crm

Catalog Number: 3045418

Background: involves: 129S4/SvJae

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⁺}; Sox9^{tm1Crm/Sox9⁺}

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⁺; Sox9^{tm1Crm}/Sox9⁺.

No alerts have been found for Col2a1^{tm1(SOX9)Crm}/Col2a1⁺; Sox9^{tm1Crm}/Sox9⁺.

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.