

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

[Col2a1^{tm1.1Ksec}/Col2a1^{tm1.1Ksec}](#)

RRID:MGI:4830259

Type: Organism

Proper Citation

RRID:MGI:4830259

Organism Information

URL:

Proper Citation: RRID:MGI:4830259

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

Species: Mus musculus

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

Phenotype: enophthalmos, abnormal cranial ganglia morphology, abnormal diencephalon morphology, abnormal eye development, absent nasal septum, short snout, short mandible, abnormal mesendoderm development, cyclopia, microcephaly, retrognathia, holoprosencephaly, abnormal snout morphology, premaxilla hypoplasia, proboscis, abnormal brain development, abnormal head morphology, abnormal forebrain morphology, abnormal optic vesicle formation, absent nasal cavity, maxilla hypoplasia, nasal bone hypoplasia

Affected Gene: Col2a1

Genomic Alteration: tm1.1Ksec

Catalog Number: 4830259

Background: involves: 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20730911](#)

Organism Name: Col2a1^{tm1.1Ksec}/Col2a1^{tm1.1Ksec}

Record Creation Time: 20240120T190247+0000

Record Last Update: 20240130T201815+0000

Ratings and Alerts

No rating or validation information has been found for Col2a1^{tm1.1Ksec}/Col2a1^{tm1.1Ksec}.

No alerts have been found for Col2a1^{tm1.1Ksec}/Col2a1^{tm1.1Ksec}.

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.