

# Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

## [Col2a1<sup>tm1.1Ksec</sup>/Col2a1<sup>tm1.1Ksec</sup>](#)

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<sup>tm1.1Ksec</sup>/Col2a1<sup>tm1.1Ksec</sup>

**Record Creation Time:** 20240120T190247+0000

**Record Last Update:** 20240130T201815+0000

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## Ratings and Alerts

No rating or validation information has been found for Col2a1<sup>tm1.1Ksec</sup>/Col2a1<sup>tm1.1Ksec</sup>.

No alerts have been found for Col2a1<sup>tm1.1Ksec</sup>/Col2a1<sup>tm1.1Ksec</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.