

Resource Summary Report

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

[Col9a1^{tm1Jae}/Col9a1^{tm1Jae}](#)

RRID:MGI:2673357

Type: Organism

Proper Citation

RRID:MGI:2673357

Organism Information

URL:

Proper Citation: RRID:MGI:2673357

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

Species: Mus musculus

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

Phenotype: abnormal tectorial membrane striated-sheet matrix morphology, impaired hearing, increased or absent threshold for auditory brainstem response, abnormal tectorial membrane morphology, enlarged tectorial membrane, absent cartilage, abnormal articular cartilage morphology, abnormal femur morphology, abnormal knee joint morphology, osteoarthritis, abnormal tibia morphology, vision/eye phenotype, abnormal patella morphology, abnormal bone healing, increased chondrocyte proliferation

Affected Gene: Col9a1

Genomic Alteration: tm1Jae

Catalog Number: 2673357

Background: either: (involves: 129S2/SvPas * BALB/c) or (involves: 129S2/SvPas * C57BL)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15802199](#), [PMID:8197187](#), [PMID:10595929](#)

Organism Name: Col9a1^{tm1Jae}/Col9a1^{tm1Jae}

Record Creation Time: 20240120T190728+0000

Record Last Update: 20240130T202056+0000

Ratings and Alerts

No rating or validation information has been found for Col9a1^{tm1Jae}/Col9a1^{tm1Jae}.

No alerts have been found for Col9a1^{tm1Jae}/Col9a1^{tm1Jae}.

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.