

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 15, 2025

[Col8a2^{tm1.1Asj}/Col8a2^{tm1.1Asj}](#)

RRID:MGI:5305276

Type: Organism

Proper Citation

RRID:MGI:5305276

Organism Information

URL:

Proper Citation: RRID:MGI:5305276

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

Species: Mus musculus

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

Phenotype: abnormal mitochondrion morphology, increased apoptosis, abnormal corneal endothelium morphology, abnormal Descemet membrane, abnormal endoplasmic reticulum morphology

Affected Gene: Col8a2

Genomic Alteration: tm1.1Asj

Catalog Number: 5305276

Background: involves: 129S6/SvEvTac * C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22002996](#)

Organism Name: Col8a2^{tm1.1Asj}/Col8a2^{tm1.1Asj}

Record Creation Time: 20240120T190159+0000

Record Last Update: 20240130T201750+0000

Ratings and Alerts

No rating or validation information has been found for Col8a2^{tm1.1Asj}/Col8a2^{tm1.1Asj}.

No alerts have been found for Col8a2^{tm1.1Asj}/Col8a2^{tm1.1Asj}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Uehara H, et al. (2021) Start codon disruption with CRISPR/Cas9 prevents murine Fuchs' endothelial corneal dystrophy. eLife, 10.