

Resource Summary Report

Generated by [T1D](#) on Sep 20, 2026

[Col4a3^{tm1Dec}/Col4a3^{tm1Dec}](#)

RRID:MGI:3510446

Type: Organism

Proper Citation

RRID:MGI:3510446

Organism Information

URL:

Proper Citation: RRID:MGI:3510446

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

Species: Mus musculus

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

Phenotype: abnormal stria marginal cell morphology, hematuria, abnormal lens morphology, mesangial cell hyperplasia, albuminuria, expanded mesangial matrix, small kidney, abnormal renal glomerulus basement membrane thickness, abnormal podocyte morphology, renal glomerulus fibrosis, glomerulonephritis, increased blood urea nitrogen level, premature death, pale kidney, podocyte microvillus transformation, podocyte foot process effacement, granular kidney, abnormal glomerular capillary morphology, abnormal cochlear basement membrane morphology, podocyte foot process effacement, abnormal stria vascularis morphology, abnormal membranous labyrinth morphology, abnormal stria vascularis vasculature morphology

Affected Gene: Col4a3

Genomic Alteration: tm1Dec

Catalog Number: 3510446

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:8956999](#), [PMID:9682811](#)

Organism Name: Col4a3^{tm1Dec}/Col4a3^{tm1Dec}

Record Creation Time: 20240120T190647+0000

Record Last Update: 20240130T202032+0000

Ratings and Alerts

No rating or validation information has been found for Col4a3^{tm1Dec}/Col4a3^{tm1Dec}.

No alerts have been found for Col4a3^{tm1Dec}/Col4a3^{tm1Dec}.

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.