

# Resource Summary Report

Generated by [dkNET](#) on Aug 14, 2026

## [Col4a3<sup>tm1Dec</sup>/Col4a3<sup>tm1Dec</sup>](#)

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<sup>tm1Dec</sup>/Col4a3<sup>tm1Dec</sup>

**Record Creation Time:** 20240120T190647+0000

**Record Last Update:** 20240130T202032+0000

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## Ratings and Alerts

No rating or validation information has been found for Col4a3<sup>tm1Dec</sup>/Col4a3<sup>tm1Dec</sup>.

No alerts have been found for Col4a3<sup>tm1Dec</sup>/Col4a3<sup>tm1Dec</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.