

Resource Summary Report

Generated by [dkNET](#) on Aug 5, 2026

[Col4a3^{tm1Jhm}/Col4a3^{tm1Jhm}](#)

RRID:MGI:2176903

Type: Organism

Proper Citation

RRID:MGI:2176903

Organism Information

URL:

Proper Citation: RRID:MGI:2176903

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

Species: Mus musculus

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

Phenotype: increased renal glomerulus basement membrane thickness, glomerulosclerosis, glomerulosclerosis, increased blood urea nitrogen level, polyuria, glomerulonephritis, increased circulating creatinine level, increased or absent threshold for auditory brainstem response, small kidney, abnormal glomerular capillary morphology, increased renal glomerulus basement membrane thickness, lethargy, decreased renal glomerular filtration rate, abnormal renal glomerulus basement membrane morphology, albuminuria, decreased body weight, increased urine protein level, kidney failure, expanded mesangial matrix, glomerular crescent, uremia, renal tubule atrophy, premature death, premature death, abnormal kidney morphology, abnormal renal glomerulus basement membrane morphology, renal cast, increased urine protein level, abnormal podocyte foot process morphology

Affected Gene: Col4a3

Genomic Alteration: tm1Jhm

Catalog Number: 2176903

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:8947561](#), [PMID:24262794](#)

Organism Name: Col4a3^{tm1Jhm}/Col4a3^{tm1Jhm}

Record Creation Time: 20240120T190752+0000

Record Last Update: 20240130T202109+0000

Ratings and Alerts

No rating or validation information has been found for Col4a3^{tm1Jhm}/Col4a3^{tm1Jhm}.

No alerts have been found for Col4a3^{tm1Jhm}/Col4a3^{tm1Jhm}.

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.