

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Ren1^{tm1Tkh}/Ren1^{tm1Tkh}](#)

RRID:MGI:3653329

Type: Organism

Proper Citation

RRID:MGI:3653329

Organism Information

URL:

Proper Citation: RRID:MGI:3653329

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

Species: Mus musculus

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

Phenotype: glomerulosclerosis, kidney medulla atrophy, kidney papillary hypoplasia, granular kidney, small kidney, hydronephrosis, abnormal urine homeostasis, decreased circulating renin level, dehydration, metabolic acidosis, kidney inflammation, renal interstitial fibrosis, decreased body weight, postnatal lethality, incomplete penetrance, reproductive system phenotype, decreased urine osmolality, decreased systemic arterial blood pressure, increased blood urea nitrogen level, increased circulating creatinine level, abnormal kidney afferent arteriole morphology, kidney papillary atrophy, abnormal kidney interlobular artery morphology, polyuria

Affected Gene: Ren1

Genomic Alteration: tm1Tkh

Catalog Number: 3653329

Background: C57BL/6-Ren1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15563565](#)

Organism Name: Ren1^{tm1Tkh}/Ren1^{tm1Tkh}

Record Creation Time: 20240120T190549+0000

Record Last Update: 20240130T201958+0000

Ratings and Alerts

No rating or validation information has been found for Ren1^{tm1Tkh}/Ren1^{tm1Tkh}.

No alerts have been found for Ren1^{tm1Tkh}/Ren1^{tm1Tkh}.

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.