

# Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

## [Ren1<sup>tm1Tkh</sup>/Ren1<sup>tm1Tkh</sup>](#)

RRID:MGI:3653329

Type: Organism

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### Proper Citation

RRID:MGI:3653329

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### 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<sup>tm1Tkh</sup>/Ren1<sup>tm1Tkh</sup>

**Record Creation Time:** 20240120T190549+0000

**Record Last Update:** 20240130T201958+0000

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## Ratings and Alerts

No rating or validation information has been found for Ren1<sup>tm1Tkh</sup>/Ren1<sup>tm1Tkh</sup>.

No alerts have been found for Ren1<sup>tm1Tkh</sup>/Ren1<sup>tm1Tkh</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.