

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Ren1^{tm1Afu}/Ren1^{tm1Afu}](#)

RRID:MGI:3699326

Type: Organism

Proper Citation

RRID:MGI:3699326

Organism Information

URL:

Proper Citation: RRID:MGI:3699326

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

Species: Mus musculus

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

Phenotype: cardiovascular system phenotype, kidney atrophy, abnormal juxtaglomerular apparatus morphology, abnormal innervation, abnormal blood homeostasis, vascular smooth muscle hyperplasia, abnormal juxtaglomerular cell morphology, polydipsia, decreased systemic arterial blood pressure, decreased circulating renin level, decreased systemic arterial diastolic blood pressure, decreased systemic arterial systolic blood pressure, hydronephrosis, polyuria, postnatal lethality, complete penetrance, abnormal macula densa morphology

Affected Gene: Ren1

Genomic Alteration: tm1Afu

Catalog Number: 3699326

Background: involves: C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10617578](#)

Organism Name: Ren1^{tm1Afu}/Ren1^{tm1Afu}

Record Creation Time: 20240120T190530+0000

Record Last Update: 20240130T201948+0000

Ratings and Alerts

No rating or validation information has been found for Ren1^{tm1Afu}/Ren1^{tm1Afu}.

No alerts have been found for Ren1^{tm1Afu}/Ren1^{tm1Afu}.

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.