

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[Gne^{tm1Mhzg}](#)/[Gne^{tm1Mhzg}](#)

RRID:MGI:3713817

Type: Organism

Proper Citation

RRID:MGI:3713817

Organism Information

URL:

Proper Citation: RRID:MGI:3713817

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

Species: Mus musculus

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

Phenotype: increased blood urea nitrogen level, absent gastric milk in neonates, increased urine protein level, abnormal podocyte slit junction morphology, fused podocyte foot processes, abnormal renal glomerulus basement membrane morphology, postnatal lethality, complete penetrance, abnormal renal tubule morphology, abnormal podocyte morphology, cortical renal glomerulopathies, decreased body weight, hydronephrosis, kidney hemorrhage, abnormal renal glomerular capsule morphology, dilated renal tubules, podocyte foot process effacement, muscle phenotype

Affected Gene: Gne

Genomic Alteration: tm1Mhzg

Catalog Number: 3713817

Background: involves: C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17549255](#)

Organism Name: Gne^{tm1Mhzg}/Gne^{tm1Mhzg}

Record Creation Time: 20240120T190518+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for Gne^{tm1Mhzg}/Gne^{tm1Mhzg}.

No alerts have been found for Gne^{tm1Mhzg}/Gne^{tm1Mhzg}.

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.