

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

[Npr3^{tm1Unc}/Npr3^{tm1Unc}](#)

RRID:MGI:3623588

Type: Organism

Proper Citation

RRID:MGI:3623588

Organism Information

URL:

Proper Citation: RRID:MGI:3623588

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

Species: Mus musculus

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

Phenotype: abnormal bone trabecula morphology, polydipsia, hypotension, abnormal blood homeostasis, reduced fertility, postnatal lethality, incomplete penetrance, increased body length, long tail, hunched posture, decreased body weight, increased length of long bones, small thoracic cage, abnormal long bone epiphyseal plate proliferative zone, abnormal osteoclast morphology, increased osteoblast cell number, abnormal bone remodeling, decreased urine osmolality, abnormal urine nucleotide level, hypovolemia, polyuria, dehydration, increased erythrocyte cell number, delayed bone ossification, domed cranium, abnormal skeleton development, increased hematocrit, increased hemoglobin content, increased circulating alkaline phosphatase level, elongated vertebral body, elongated metatarsal bones

Affected Gene: Npr3

Genomic Alteration: tm1Unc

Catalog Number: 3623588

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10377427](#)

Organism Name: Npr3^{tm1Unc}/Npr3^{tm1Unc}

Record Creation Time: 20240120T190559+0000

Record Last Update: 20240130T202004+0000

Ratings and Alerts

No rating or validation information has been found for Npr3^{tm1Unc}/Npr3^{tm1Unc}.

No alerts have been found for Npr3^{tm1Unc}/Npr3^{tm1Unc}.

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.