

# Resource Summary Report

Generated by [T1D](#) on Sep 5, 2026

## [Npr3<sup>tm1Unc</sup>/Npr3<sup>tm1Unc</sup>](#)

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<sup>tm1Unc</sup>/Npr3<sup>tm1Unc</sup>

**Record Creation Time:** 20240120T190559+0000

**Record Last Update:** 20240130T202004+0000

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## Ratings and Alerts

No rating or validation information has been found for Npr3<sup>tm1Unc</sup>/Npr3<sup>tm1Unc</sup>.

No alerts have been found for Npr3<sup>tm1Unc</sup>/Npr3<sup>tm1Unc</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.