

# Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

[P2rx3<sup>tm1Ckn</sup>/P2rx3<sup>tm1Ckn</sup>](#); [P2rx2<sup>tm1Ckn</sup>/P2rx2<sup>tm1Ckn</sup>](#)

RRID:MGI:2687353

Type: Organism

## Proper Citation

RRID:MGI:2687353

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:2687353

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

**Species:** Mus musculus

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

**Phenotype:** respiratory system phenotype, homeostasis/metabolism phenotype, abnormal carotid body physiology, postnatal lethality, incomplete penetrance, decreased survivor rate, decreased pulmonary ventilation, lung inflammation

**Affected Gene:** P2rx3, P2rx2

**Genomic Alteration:** tm1Ckn

**Catalog Number:** 2687353

**Background:** involves: 129P2/OlaHsd \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:14672995](#)

**Organism Name:** P2rx3<sup>tm1Ckn</sup>/P2rx3<sup>tm1Ckn</sup>; P2rx2<sup>tm1Ckn</sup>/P2rx2<sup>tm1Ckn</sup>

**Record Creation Time:** 20240120T190715+0000

**Record Last Update:** 20240130T202048+0000

---

## Ratings and Alerts

No rating or validation information has been found for P2rx3<sup>tm1Ckn</sup>/P2rx3<sup>tm1Ckn</sup>; P2rx2<sup>tm1Ckn</sup>/P2rx2<sup>tm1Ckn</sup>.

No alerts have been found for P2rx3<sup>tm1Ckn</sup>/P2rx3<sup>tm1Ckn</sup>; P2rx2<sup>tm1Ckn</sup>/P2rx2<sup>tm1Ckn</sup>.

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

---

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Stratford JM, et al. (2017) Immunocytochemical organization and sour taste activation in the rostral nucleus of the solitary tract of mice. The Journal of comparative neurology, 525(2), 271.