

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

[P2rx3^{tm1Ckn}/P2rx3^{tm1Ckn}](#); [P2rx2^{tm1Ckn}/P2rx2^{tm1Ckn}](#)

RRID:MGI:2687353

Type: Organism

Proper Citation

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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^{tm1Ckn}/P2rx3^{tm1Ckn}; P2rx2^{tm1Ckn}/P2rx2^{tm1Ckn}

Record Creation Time: 20240120T190715+0000

Record Last Update: 20240130T202048+0000

Ratings and Alerts

No rating or validation information has been found for P2rx3^{tm1Ckn}/P2rx3^{tm1Ckn}; P2rx2^{tm1Ckn}/P2rx2^{tm1Ckn}.

No alerts have been found for P2rx3^{tm1Ckn}/P2rx3^{tm1Ckn}; P2rx2^{tm1Ckn}/P2rx2^{tm1Ckn}.

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 [PRECISE-TBI](#) .

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.