

Resource Summary Report

Generated by [ASWG](#) on Jul 30, 2026

B6.129P2-P2rx3^{tm1Ckn}/J

RRID:IMSR_JAX:003951

Type: Organism

Proper Citation

RRID:IMSR_JAX:003951

Organism Information

URL: <https://www.jax.org/strain/003951>

Proper Citation: RRID:IMSR_JAX:003951

Description: Mus musculus with name B6.129P2-P2rx3^{tm1Ckn}/J from IMSR.

Species: Mus musculus

Synonyms: B6.P2-P2rx3/J

Notes: gene symbol note: purinergic receptor P2X; ligand-gated ion channel; 3; mutant strain|congenic strain: P2rx3

Affected Gene: purinergic receptor P2X; ligand-gated ion channel; 3

Genomic Alteration: targeted mutation 1; Debra A Cockayne

Catalog Number: JAX:003951

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-P2rx3^{tm1Ckn}/J

Record Creation Time: 20250513T053642+0000

Record Last Update: 20260725T044351+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-P2rx3^{tm1Ckn}/J.

No alerts have been found for B6.129P2-P2rx3^{tm1Ckn}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ueda N, et al. (2020) Bladder urothelium converts bacterial lipopolysaccharide information into neural signaling via an ATP-mediated pathway to enhance the micturition reflex for rapid defense. Scientific reports, 10(1), 21167.