Resource Summary Report

Generated by nidm-terms on Aug 10, 2026

B6.129P2-P2ry2^{tm1Bhk}/J

RRID:IMSR_JAX:009132
Type: Organism

Proper Citation

RRID:IMSR_JAX:009132

Organism Information

URL: https://www.jax.org/strain/009132

Proper Citation: RRID:IMSR_JAX:009132

Description: Mus musculus with name B6.129P2-P2ry2^{tm1Bhk}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129-P2ry2/J

Notes: gene symbol note: purinergic receptor P2Y; G-protein coupled 2; congenic strain: P2ry2

Affected Gene: purinergic receptor P2Y; G-protein coupled 2

Genomic Alteration: targeted mutation 1; Beverly Koller

Catalog Number: JAX:009132

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-P2ry2^{tm1Bhk}/J

Record Creation Time: 20250513T053713+0000

Record Last Update: 20260808T050918+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-P2ry2^{tm1Bhk}/J.

No alerts have been found for B6.129P2-P2ry2^{tm1Bhk}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Forti KM, et al. (2023) Tumoral P2Y2 receptor modulates tumor growth and host anti-tumor immune responses in a syngeneic murine model of oral cancer. Purinergic signalling.

Dusabimana T, et al. (2021) P2Y2R Deficiency Ameliorates Hepatic Steatosis by Reducing Lipogenesis and Enhancing Fatty Acid ?-Oxidation through AMPK and PGC-1? Induction in High-Fat Diet-Fed Mice. International journal of molecular sciences, 22(11).

Dusabimana T, et al. (2020) P2Y2R contributes to the development of diabetic nephropathy by inhibiting autophagy response. Molecular metabolism, 42, 101089.

Sun S, et al. (2012) The ATP-P2X7 signaling axis is dispensable for obesity-associated inflammasome activation in adipose tissue. Diabetes, 61(6), 1471.