Resource Summary Report

Generated by NIF on Sep 12, 2026

B6N.129S1-Mrgprb4$^{tm3(cre)And}$/J

RRID:IMSR_JAX:021077
Type: Organism

Proper Citation

RRID:IMSR_JAX:021077

Organism Information

URL: https://www.jax.org/strain/021077

Proper Citation: RRID:IMSR_JAX:021077

Description: Mus musculus with name B6N.129S1-Mrgprb4$^{tm3(cre)And}$/J from IMSR.

Species: Mus musculus

Synonyms: B6N.129S1-Mrgprb4

Notes: gene symbol note: MAS-related GPR; member B4|; mutant strain|congenic strain: Mrgprb4|

Affected Gene: MAS-related GPR; member B4|

Genomic Alteration: targeted mutation 3; David J Anderson

Catalog Number: JAX:021077

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N.129S1-Mrgprb4$^{tm3(cre)And}$/J

Record Creation Time: 20250513T053742+0000

Record Last Update: 20260912T060528+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129S1-Mrgprb4$^{tm3(cre)And}$/J.

No alerts have been found for B6N.129S1-Mrgprb4$^{tm3(cre)And}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Lezgiyeva K, et al. (2026) Fast-conducting mechanonociceptors uniquely engage reflexive and affective pain circuitry to drive protective responses. Neuron.

Lezgiyeva K, et al. (2025) Fast-conducting mechanonociceptors uniquely engage reflexive and affective pain circuitry to drive protective responses. bioRxiv : the preprint server for biology.

Qi L, et al. (2024) A mouse DRG genetic toolkit reveals morphological and physiological diversity of somatosensory neuron subtypes. Cell, 187(6), 1508.

Elias LJ, et al. (2023) Touch neurons underlying dopaminergic pleasurable touch and sexual receptivity. Cell, 186(3), 577.

Qi L, et al. (2023) A DRG genetic toolkit reveals molecular, morphological, and functional diversity of somatosensory neuron subtypes. bioRxiv : the preprint server for biology.

Xie Z, et al. (2022) A brain-to-spinal sensorimotor loop for repetitive self-grooming. Neuron, 110(5), 874.

Zhang Q, et al. (2019) Multiplexed peroxidase-based electron microscopy labeling enables simultaneous visualization of multiple cell types. Nature neuroscience, 22(5), 828.