Resource Summary Report

Generated by RRID on Aug 3, 2026

B6.129P2-*Gpr3*^{tm1Dgen}/Mmnc

RRID:MMRRC_011623-UNC
Type: Organism

Proper Citation

RRID:MMRRC_011623-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11623

Proper Citation: RRID:MMRRC_011623-UNC

Description: Mus musculus with name B6.129P2-*Gpr3*^{tm1Dgen}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: Deltagen

Phenotype: increased thermal nociceptive threshold [MP:0001973]

Affected Gene: Gpr3

Catalog Number: 011623-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_11623-UNC, MMRRC_011623, MMRRC_11623

Organism Name: B6.129P2-*Gpr3*^{tm1Dgen}/Mmnc

Record Creation Time: 20230308T054912+0000

Record Last Update: 20260801T123556+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-*Gpr3*^{tm1Dgen}/Mmnc.

No alerts have been found for B6.129P2-*Gpr3*^{tm1Dgen}/Mmnc.

Data and Source Information

Source: Integrated Animals

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Huang Y, et al. (2022) G protein-biased GPR3 signaling ameliorates amyloid pathology in a preclinical Alzheimer's disease mouse model. Proceedings of the National Academy of Sciences of the United States of America, 119(40), e2204828119.

Masuda S, et al. (2022) GPR3 expression in retinal ganglion cells contributes to neuron survival and accelerates axonal regeneration after optic nerve crush in mice. Neurobiology of disease, 172, 105811.

Wu J, et al. (2021) Studies of involvement of G-protein coupled receptor-3 in cannabidiol effects on inflammatory responses of mouse primary astrocytes and microglia. PloS one, 16(5), e0251677.

Godlewski G, et al. (2015) Mice lacking GPR3 receptors display late-onset obese phenotype due to impaired thermogenic function in brown adipose tissue. Scientific reports, 5, 14953.