

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

B6.129S1-Mrgprd^{tm1Mjz}/Mmnc

RRID:MMRRC_036772-UNC

Type: Organism

Proper Citation

RRID:MMRRC_036772-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=36772

Proper Citation: RRID:MMRRC_036772-UNC

Description: Mus musculus with name B6.129S1-Mrgprd^{tm1Mjz}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Neurobiology, Research Tools, Sensorineural;
Mutation Type: Targeted Mutation ; Collection:

Phenotype: increased thermal nociceptive threshold [MP:0001973] abnormal nociception after inflammation [MP:0002736] abnormal neuron morphology [MP:0002882] abnormal single cell response [MP:0003463] hyporesponsive to tactile stimuli [MP:0005498] abnormal neurite morphology [MP:0008415]

Affected Gene: Mrgprd

Catalog Number: 036772-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:15629699](#), [PMID:18234974](#), [PMID:23077038](#), [PMID:8183905](#), [PMID:10385621](#), [PMID:10859354](#)

Alternate IDs: MMRRC_36772-UNC, MMRRC_036772, MMRRC_36772

Organism Name: B6.129S1-Mrgprd^{tm1Mjz}/Mmnc

Record Creation Time: 20230308T055147+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1-*Mrgprd*^{tm1Mjz}/Mmnc.

No alerts have been found for B6.129S1-*Mrgprd*^{tm1Mjz}/Mmnc.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Dey S, et al. (2024) Protocol for semiautomated analysis of sensory neuronal innervation of the mouse footpad skin. STAR protocols, 5(4), 103312.

Olson W, et al. (2018) Somatotopic organization of central arbors from nociceptive afferents develops independently of their intact peripheral target innervation. The Journal of comparative neurology, 526(18), 3058.