Resource Summary Report

Generated by RRID on Aug 4, 2026

B6N.129S1-*Mrgprd*$^{tm1.1(cre)And}$/Mmnc

RRID:MMRRC_036118-UNC
Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=36118

Proper Citation: RRID:MMRRC_036118-UNC

Description: Mus musculus with name B6N.129S1-*Mrgprd*$^{tm1.1(cre)And}$/Mmnc from MMRRC.

Species: Mus musculus

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

Phenotype: increased thermal nociceptive threshold [MP:0001973]| abnormal single cell response [MP:0003463]| hyporesponsive to tactile stimuli [MP:0005498]

Affected Gene: Mrgprd

Catalog Number: 036118-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:19571152

Alternate IDs: MMRRC_36118-UNC, MMRRC_036118, MMRRC_36118

Organism Name: B6N.129S1-*Mrgprd*$^{tm1.1(cre)And}$/Mmnc

Record Creation Time: 20230308T055143+0000

Record Last Update: 20260801T124347+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129S1-*Mrgprd*$^{tm1.1(cre)And}$/Mmnc.

No alerts have been found for B6N.129S1-*Mrgprd*$^{tm1.1(cre)And}$/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 .

Ingram S, et al. (2024) Assessing spontaneous sensory neuron activity using in vivo calcium imaging. Pain, 165(5), 1131.

Warwick C, et al. (2021) MrgprdCre lineage neurons mediate optogenetic allodynia through an emergent polysynaptic circuit. Pain, 162(7), 2120.

Zhang S, et al. (2021) Nonpeptidergic neurons suppress mast cells via glutamate to maintain skin homeostasis. Cell, 184(8), 2151.

Ferrini F, et al. (2020) Differential chloride homeostasis in the spinal dorsal horn locally shapes synaptic metaplasticity and modality-specific sensitization. Nature communications, 11(1), 3935.