

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) *Mrgprd*Cre 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.