

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

129-Scn4a^{tm1.1Cann}/Mmmh

RRID:MMRRC_036984-MU

Type: Organism

Proper Citation

RRID:MMRRC_036984-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=36984

Proper Citation: RRID:MMRRC_036984-MU

Description: Mus musculus with name 129-Scn4a^{tm1.1Cann}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Models for Human Disease, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: muscle weakness [MP:0000747]| abnormal muscle fiber morphology [MP:0004087]| abnormal muscle contractility [MP:0005620]

Affected Gene: Scn4a

Catalog Number: 036984-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21881211](#)

Alternate IDs: MMRRC_36984-MU, MMRRC_036984, MMRRC_36984

Organism Name: 129-Scn4a^{tm1.1Cann}/Mmmh

Record Creation Time: 20230308T055149+0000

Record Last Update: 20260815T124834+0000

Ratings and Alerts

No rating or validation information has been found for 129-*Scn4a*^{tm1.1Cann}/Mmmh.

No alerts have been found for 129-*Scn4a*^{tm1.1Cann}/Mmmh.

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](#) .

Denman K, et al. (2026) Efficacy of Retigabine in Treating Weakness in a Mouse Model of Hypokalemic Periodic Paralysis. Muscle & nerve, 73(4), 663.

Foy BD, et al. (2025) Mechanisms underlying the distinct K⁺ dependencies of periodic paralysis. The Journal of general physiology, 157(3).