

Resource Summary Report

Generated by [dkNET](#) on Sep 17, 2026

B6.129X1-Kcnj3^{tm1Kwn}/Mmucd

RRID:MMRRC_031758-UCD

Type: Organism

Proper Citation

RRID:MMRRC_031758-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=31758

Proper Citation: RRID:MMRRC_031758-UCD

Description: Mus musculus with name B6.129X1-Kcnj3^{tm1Kwn}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Cell Biology, Diabetes, Internal/Organ, Metabolism, Models for Human Disease, Neurobiology, Research Tools, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

Phenotype: increased heart rate [MP:0002626] abnormal myocardial fiber physiology [MP:0004215]

Affected Gene: Kcnj3

Catalog Number: 031758-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12374786](#)

Alternate IDs: MMRRC_31758-UCD, MMRRC_031758, MMRRC_31758

Organism Name: B6.129X1-Kcnj3^{tm1Kwn}/Mmucd

Record Creation Time: 20230308T055125+0000

Record Last Update: 20260912T134753+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-*Kcnj3*^{tm1Kwn}/Mmucd.

No alerts have been found for B6.129X1-*Kcnj3*^{tm1Kwn}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Vo BN, et al. (2019) VU0810464, a non-urea G protein-gated inwardly rectifying K⁺ (Kir 3/GIRK) channel activator, exhibits enhanced selectivity for neuronal Kir 3 channels and reduces stress-induced hyperthermia in mice. British journal of pharmacology, 176(13), 2238.