Resource Summary Report

Generated by RRID on Aug 3, 2026

B6.129-*Cacna1h*^{tm1Kcam}/Mmmh

RRID:MMRRC_009979-MU
Type: Organism

Proper Citation

RRID:MMRRC_009979-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=9979

Proper Citation: RRID:MMRRC_009979-MU

Description: Mus musculus with name B6.129-*Cacna1h*^{tm1Kcam}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Cell Biology, Models for Human Disease, Neurobiology, Reproduction; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal cartilage development [MP:0000164]| abnormal myocardial fiber morphology [MP:0000278]| decreased body size [MP:0001265]| abnormal vocalization [MP:0001529]| abnormal blood vessel morphology [MP:0001614]| abnormal cardiovascular system morphology [MP:0002127]| increased vasoconstriction [MP:0003025]| abnormal tracheal cartilage morphology [MP:0003120]| cardiac fibrosis [MP:0003141]| abnormal channel response [MP:0003484]| abnormal arteriole morphology [MP:0004112]| trachea stenosis [MP:0010883]

Affected Gene: Cacna1h

Catalog Number: 009979-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:14631046

Alternate IDs: MMRRC_9979-MU, MMRRC_009979, MMRRC_9979

Organism Name: B6.129-*Cacna1h*^{tm1Kcam}/Mmmh

Record Creation Time: 20230308T054902+0000

Record Last Update: 20260801T123530+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-*Cacna1h*^{tm1Kcam}/Mmmh.

No alerts have been found for B6.129-*Cacna1h*^{tm1Kcam}/Mmmh.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Papazoglou A, et al. (2021) Breeding of Cav2.3 deficient mice reveals Mendelian inheritance in contrast to complex inheritance in Cav3.2 null mutant breeding. Scientific reports, 11(1), 13972.

Alpdogan S, et al. (2020) Non-Mendelian inheritance during inbreeding of Cav3.2 and Cav2.3 deficient mice. Scientific reports, 10(1), 15993.

Lundt A, et al. (2019) Gender specific click and tone burst evoked ABR datasets from mice lacking the Cav3.2 T-type voltage-gated calcium channel. BMC research notes, 12(1), 157.

Papazoglou A, et al. (2017) Gender specific hippocampal whole genome transcriptome data from mice lacking the Cav2.3 R-type or Cav3.2 T-type voltage-gated calcium channel. Data in brief, 12, 81.

Hamby AM, et al. (2015) CaV3.2 KO mice have altered retinal waves but normal direction selectivity. Visual neuroscience, 32, E003.