

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

B6.129-Sgca^{tm1Kcam}/Mmmh

RRID:MMRRC_000425-MU

Type: Organism

Proper Citation

RRID:MMRRC_000425-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=425

Proper Citation: RRID:MMRRC_000425-MU

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

Species: Mus musculus

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

Phenotype: dystrophic muscle [MP:0000752]| heart inflammation [MP:0001853]| abnormal skeletal muscle fiber morphology [MP:0003084]| cardiac fibrosis [MP:0003141]| calcified muscle [MP:0003199]| abnormal heart left ventricle morphology [MP:0003921]| abnormal muscle fiber morphology [MP:0004087]| abnormal sarcolemma morphology [MP:0004121]| decreased cardiac muscle contractility [MP:0005140]| cardiomyopathy [MP:0005330]| abnormal muscle contractility [MP:0005620]| centrally nucleated skeletal muscle fibers [MP:0009404]| increased extensor digitorum longus weight [MP:0009423]| increased soleus weight [MP:0009425]| increased circulating creatine kinase level [MP:0010090]| abnormal circulating pyruvate kinase level [MP:0010106]| cardiac muscle necrosis [MP:0010632]

Affected Gene: Sgca

Catalog Number: 000425-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9744877](#), [PMID:12855815](#), [PMID:10981665](#)

Alternate IDs: MMRRC_425-MU, MMRRC_000425, MMRRC_425

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

Record Creation Time: 20230308T054752+0000

Record Last Update: 20260815T122728+0000

Ratings and Alerts

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

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

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 [NIF](#) .

Kobuke K, et al. (2008) A common disease-associated missense mutation in alpha-sarcoglycan fails to cause muscular dystrophy in mice. Human molecular genetics, 17(9), 1201.