

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

B6;129P2-Acadm^{tm1Uab}/Mmmh

RRID:MMRRC_011588-MU

Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11588

Proper Citation: RRID:MMRRC_011588-MU

Description: Mus musculus with name B6;129P2-Acadm^{tm1Uab}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Diabetes, Metabolism, Models for Human Disease; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal myocardial fiber morphology [MP:0000278]| hepatic steatosis [MP:0002628]| cardiac fibrosis [MP:0003141]| increased circulating carnitine level [MP:0003979]| myocardial fiber degeneration [MP:0004566]| cardiomyopathy [MP:0005330]| decreased circulating glucose level [MP:0005560]| abnormal blood homeostasis [MP:0009642]| abnormal aorta elastic tissue morphology [MP:0009862]| impaired adaptive thermogenesis [MP:0011049]| postnatal lethality [MP:0011086]

Affected Gene: Acadm

Catalog Number: 011588-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:16121256](#)

Alternate IDs: MMRRC_11588-MU, MMRRC_011588, MMRRC_11588

Organism Name: B6;129P2-Acadm^{tm1Uab}/Mmmh

Record Creation Time: 20230308T054912+0000

Record Last Update: 20260919T133255+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-*Acadm*^{tm1Uab}/Mmmh.

No alerts have been found for B6;129P2-*Acadm*^{tm1Uab}/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 [dkNET](#) .

Pruss KM, et al. (2023) Host-microbe co-metabolism via MCAD generates circulating metabolites including hippuric acid. Nature communications, 14(1), 512.

Karunanidhi A, et al. (2023) Heptanoic and medium branched-chain fatty acids as anaplerotic treatment for medium chain acyl-CoA dehydrogenase deficiency. Molecular genetics and metabolism, 140(3), 107689.