

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

[Acot13^{tm1Deco}/Acot13^{tm1Deco}](#)

RRID:MGI:5437125

Type: Organism

Proper Citation

RRID:MGI:5437125

Organism Information

URL:

Proper Citation: RRID:MGI:5437125

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: decreased white adipose tissue amount, decreased oxygen consumption, decreased circulating free fatty acid level, abnormal lipid level, decreased liver triglyceride level, decreased liver cholesterol level, decreased epididymal fat pad weight, abnormal feces composition, decreased respiratory quotient, abnormal enzyme/coenzyme activity, increased lean body mass, decreased basal metabolism, decreased susceptibility to hepatic steatosis, decreased body weight, abnormal eating behavior, improved glucose tolerance, hypoactivity, abnormal gluconeogenesis, abnormal glucose homeostasis, decreased circulating ketone body level

Affected Gene: Acot13

Genomic Alteration: tm1Deco

Catalog Number: 5437125

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22345407](#)

Organism Name: Acot13^{tm1Deco}/Acot13^{tm1Deco}

Record Creation Time: 20240120T190138+0000

Record Last Update: 20240130T201736+0000

Ratings and Alerts

No rating or validation information has been found for Acot13^{tm1Deco}/Acot13^{tm1Deco}.

No alerts have been found for Acot13^{tm1Deco}/Acot13^{tm1Deco}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.