

Resource Summary Report

Generated by [NIF](#) on Aug 7, 2026

[Acad8^{m1Ytc}/Acad8^{m1Ytc}](#)

RRID:MGI:5693937

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5693937

Description: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Phenotype: abnormal mitochondrial crista morphology, abnormal mitochondrial matrix morphology, abnormal mitochondrion morphology, decreased brown fat cell lipid droplet size, abnormal hepatocyte morphology, hepatic steatosis, decreased circulating carnitine level, abnormal urine homeostasis, abnormal circulating amino acid level, homeostasis/metabolism phenotype, abnormal circulating enzyme level, impaired adaptive thermogenesis, increased oxygen consumption

Affected Gene: Acad8

Genomic Alteration: m1Ytc

Catalog Number: 5693937

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21659959](#)

Organism Name: Acad8^{m1Ytc}/Acad8^{m1Ytc}

Record Creation Time: 20240120T185934+0000

Record Last Update: 20240130T201621+0000

Ratings and Alerts

No rating or validation information has been found for Acad8^{m1Ytc}/Acad8^{m1Ytc}.

No alerts have been found for Acad8^{m1Ytc}/Acad8^{m1Ytc}.

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.