

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[Cidec^{tm1Maka}/Cidec^{tm1Maka}](#)

RRID:MGI:3815175

Type: Organism

Proper Citation

RRID:MGI:3815175

Organism Information

URL:

Proper Citation: RRID:MGI:3815175

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, increased respiratory quotient, abnormal brown adipose tissue morphology, decreased susceptibility to diet-induced obesity, decreased susceptibility to age related obesity, decreased susceptibility to hepatic steatosis, abnormal white adipose tissue morphology, decreased subcutaneous adipose tissue amount, decreased circulating glucose level, increased oxygen consumption, improved glucose tolerance, increased energy expenditure, enhanced lipolysis, decreased circulating leptin level

Affected Gene: Cidec

Genomic Alteration: tm1Maka

Catalog Number: 3815175

Background: B6.129P2-Cidec

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18654663](#)

Organism Name: Cidec^{tm1Maka}/Cidec^{tm1Maka}

Record Creation Time: 20240120T190410+0000

Record Last Update: 20240130T201902+0000

Ratings and Alerts

No rating or validation information has been found for Cidec^{tm1Maka}/Cidec^{tm1Maka}.

No alerts have been found for Cidec^{tm1Maka}/Cidec^{tm1Maka}.

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.