

Resource Summary Report

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

[Slc27a5^{tm1Asta}/Slc27a5^{tm1Asta}](#)

RRID:MGI:3757699

Type: Organism

Proper Citation

RRID:MGI:3757699

Organism Information

URL:

Proper Citation: RRID:MGI:3757699

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

Species: Mus musculus

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

Phenotype: decreased epididymal fat pad weight, increased oxygen consumption, increased body temperature, improved glucose tolerance, decreased retroperitoneal fat pad weight, decreased body weight, decreased food intake, abnormal bile composition, decreased circulating leptin level, decreased susceptibility to diet-induced obesity, abnormal lipid level

Affected Gene: Slc27a5

Genomic Alteration: tm1Asta

Catalog Number: 3757699

Background: involves: 129

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16618417](#)

Organism Name: Slc27a5^{tm1Asta}/Slc27a5^{tm1Asta}

Record Creation Time: 20240120T190500+0000

Record Last Update: 20240130T201931+0000

Ratings and Alerts

No rating or validation information has been found for Slc27a5^{tm1Asta}/Slc27a5^{tm1Asta}.

No alerts have been found for Slc27a5^{tm1Asta}/Slc27a5^{tm1Asta}.

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.