

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

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

RRID:MGI:3757691

Type: Organism

Proper Citation

RRID:MGI:3757691

Organism Information

URL:

Proper Citation: RRID:MGI:3757691

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

Species: Mus musculus

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

Phenotype: decreased circulating triglyceride level, abnormal lipid homeostasis, abnormal hepatocyte morphology, increased circulating insulin level, abnormal liver physiology, decreased liver cholesterol level, increased circulating glucose level, abnormal lipid level, decreased unsaturated fatty acid level, decreased circulating cholesterol level, decreased liver triglyceride level, decreased saturated fatty acid level, decreased circulating free fatty acid level, decreased circulating ketone body level, decreased fatty acid level

Affected Gene: Slc27a5

Genomic Alteration: tm1Asta

Catalog Number: 3757691

Background: involves: 129/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16618416](#)

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.