

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

[Slc31a1^{tm1Djt}/Slc31a1^{tm1Djt}](#)

RRID:MGI:3771159

Type: Organism

Proper Citation

RRID:MGI:3771159

Organism Information

URL:

Proper Citation: RRID:MGI:3771159

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

Species: Mus musculus

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

Phenotype: abnormal mesoderm development, decreased embryo size, failure of initiation of embryo turning, abnormal embryonic neuroepithelium morphology, abnormal mesenchyme morphology, delayed neural tube closure, embryonic lethality during organogenesis, complete penetrance

Affected Gene: Slc31a1

Genomic Alteration: tm1Djt

Catalog Number: 3771159

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11391005](#)

Organism Name: Slc31a1^{tm1Djt}/Slc31a1^{tm1Djt}

Record Creation Time: 20240120T190448+0000

Record Last Update: 20240130T201925+0000

Ratings and Alerts

No rating or validation information has been found for Slc31a1^{tm1Djt}/Slc31a1^{tm1Djt}.

No alerts have been found for Slc31a1^{tm1Djt}/Slc31a1^{tm1Djt}.

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.