

Resource Summary Report

Generated by [nidm-terms](#) on Aug 25, 2026

[Slc8a1^{tm1Sjc}/Slc8a1^{tm1Sjc}](#)

RRID:MGI:3622271

Type: Organism

Proper Citation

RRID:MGI:3622271

Organism Information

URL:

Proper Citation: RRID:MGI:3622271

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

Species: Mus musculus

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

Phenotype: decreased embryo size, embryonic lethality during organogenesis, complete penetrance, abnormal visceral yolk sac morphology, absent atrioventricular cushions, abnormal fetal cardiomyocyte morphology, absent vitelline blood vessels, abnormal heart morphology, abnormal cardiovascular system physiology, embryonic growth retardation, absent heartbeat, increased embryonic tissue cell apoptosis, poor circulation, abnormal vitelline vasculature morphology

Affected Gene: Slc8a1

Genomic Alteration: tm1Sjc

Catalog Number: 3622271

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11344090](#)

Organism Name: Slc8a1^{tm1Sjc}/Slc8a1^{tm1Sjc}

Record Creation Time: 20240120T190600+0000

Record Last Update: 20240130T202005+0000

Ratings and Alerts

No rating or validation information has been found for Slc8a1^{tm1Sjc}/Slc8a1^{tm1Sjc}.

No alerts have been found for Slc8a1^{tm1Sjc}/Slc8a1^{tm1Sjc}.

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.