

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[Sod2^{tm1Cje}/Sod2^{tm1Cje}](#)

RRID:MGI:3639890

Type: Organism

Proper Citation

RRID:MGI:3639890

Organism Information

URL:

Proper Citation: RRID:MGI:3639890

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

Species: Mus musculus

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

Phenotype: postnatal lethality, complete penetrance, organic aciduria, abnormal cell physiology, abnormal aerobic respiration, abnormal tricarboxylic acid cycle, postnatal growth retardation, decreased hematocrit, pallor, fatigue, hypotonia, metabolic acidosis, abnormal liver physiology, cardiac fibrosis, cardiac hypertrophy, dilated cardiomyopathy, increased liver weight, hepatic steatosis, increased circulating ketone body level, decreased body surface temperature, abnormal tricarboxylic acid cycle, abnormal skeletal muscle morphology, calcinosis, decreased circulating lactate level

Affected Gene: Sod2

Genomic Alteration: tm1Cje

Catalog Number: 3639890

Background: involves: C57BL/6J * CD-1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:7493016](#), [PMID:9927656](#)

Organism Name: Sod2^{tm1Cje}/Sod2^{tm1Cje}

Record Creation Time: 20240120T190552+0000

Record Last Update: 20240130T202000+0000

Ratings and Alerts

No rating or validation information has been found for Sod2^{tm1Cje}/Sod2^{tm1Cje}.

No alerts have been found for Sod2^{tm1Cje}/Sod2^{tm1Cje}.

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.