

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

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

RRID:MGI:3639895

Type: Organism

Proper Citation

RRID:MGI:3639895

Organism Information

URL:

Proper Citation: RRID:MGI:3639895

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

Species: Mus musculus

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

Phenotype: increased circulating alkaline phosphatase level, hypocapnia, hyperoxia, decreased body weight, metabolic acidosis, abnormal mitochondrial physiology, abnormal enzyme/coenzyme level, abnormal urine homeostasis, decreased circulating glucose level, abnormal blood homeostasis, increased blood urea nitrogen level, postnatal lethality, complete penetrance, increased heart weight, increased circulating ketone body level, hepatic steatosis, abnormal blood gas level, cardiac hypertrophy, increased circulating aspartate transaminase level

Affected Gene: Sod2

Genomic Alteration: tm1Cje

Catalog Number: 3639895

Background: D2.Cg-Sod2

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11677043](#)

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.