

Resource Summary Report

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

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

RRID:MGI:3639896

Type: Organism

Proper Citation

RRID:MGI:3639896

Organism Information

URL:

Proper Citation: RRID:MGI:3639896

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

Species: Mus musculus

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

Phenotype: tremors, abnormal tricarboxylic acid cycle, abnormal thalamus morphology, ataxia, seizures, abnormal gait, abnormal tricarboxylic acid cycle, abnormal forebrain morphology, abnormal hippocampus morphology, abnormal brainstem morphology, abnormal frontal lobe morphology, abnormal trigeminal V mesencephalic nucleus morphology, abnormal enzyme/coenzyme level, decreased skeletal muscle fiber size, abnormal trigeminal motor nucleus morphology, axon degeneration, abnormal skeletal muscle fiber morphology, hypocapnia, acidosis, postnatal lethality, complete penetrance, increased heart weight, increased circulating ketone body level, increased blood urea nitrogen level, hyperoxia, decreased circulating glucose level, cardiac hypertrophy, decreased body weight, liver/biliary system phenotype, abnormal urine homeostasis, abnormal blood pH regulation, ataxia, seizures, abnormal blood homeostasis, abnormal brain morphology, neuron degeneration

Affected Gene: Sod2

Genomic Alteration: tm1Cje

Catalog Number: 3639896

Background: involves: C57BL/6J * DBA/2J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11677043](#), [PMID:15721992](#)

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.