

Resource Summary Report

Generated by [T1D](#) on Sep 22, 2026

[Sod2^{tm1Leb}](#)/[Sod2^{tm1Leb}](#)

RRID:MGI:3580497

Type: Organism

Proper Citation

RRID:MGI:3580497

Organism Information

URL:

Proper Citation: RRID:MGI:3580497

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

Species: Mus musculus

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

Phenotype: impaired myelopoiesis, postnatal growth retardation, postnatal lethality, complete penetrance, weakness, decreased body length, thin ventricular wall, decreased total body fat amount, pallor, abnormal motor capabilities/coordination/movement, anemia, decreased body weight, decreased skeletal muscle mass, abnormal mitochondrial physiology, circling, abnormal lipid homeostasis, decreased body size, decreased bone marrow cell number, abnormal hepatocyte morphology, fatigue, reproductive system phenotype, dilated cardiomyopathy, neurodegeneration

Affected Gene: Sod2

Genomic Alteration: tm1Leb

Catalog Number: 3580497

Background: B6.129S7-Sod2/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:8790408](#), [PMID:9724058](#)

Organism Name: Sod2^{tm1Leb}/Sod2^{tm1Leb}

Record Creation Time: 20240120T190630+0000

Record Last Update: 20240130T202022+0000

Ratings and Alerts

No rating or validation information has been found for Sod2^{tm1Leb}/Sod2^{tm1Leb}.

No alerts have been found for Sod2^{tm1Leb}/Sod2^{tm1Leb}.

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.