

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

B6;129S-Sod1^{tm1Leb}/J

RRID:IMSR_JAX:002972

Type: Organism

Proper Citation

RRID:IMSR_JAX:002972

Organism Information

URL: <https://www.jax.org/strain/002972>

Proper Citation: RRID:IMSR_JAX:002972

Description: Mus musculus with name B6;129S-Sod1^{tm1Leb}/J from IMSR.

Species: Mus musculus

Synonyms: B6;129S7-Sod1/J

Notes: gene symbol note: superoxide dismutase 1; soluble; mutant stock: Sod1

Affected Gene: superoxide dismutase 1; soluble

Genomic Alteration: targeted mutation 1; Russell M Lebovitz

Catalog Number: JAX:002972

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;129S-Sod1^{tm1Leb}/J

Record Creation Time: 20250513T053636+0000

Record Last Update: 20260919T054826+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-Sod1^{tm1Leb}/J.

No alerts have been found for B6;129S-Sod1^{tm1Leb}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Kaliszewski M, et al. (2016) SOD1 Lysine 123 Acetylation in the Adult Central Nervous System. Frontiers in cellular neuroscience, 10, 287.

Francischetti IM, et al. (2014) Tempol, an intracellular antioxidant, inhibits tissue factor expression, attenuates dendritic cell function, and is partially protective in a murine model of cerebral malaria. PloS one, 9(2), e87140.