

Resource Summary Report

Generated by [NIF](#) on Sep 8, 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: 20260905T044415+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 [NIF](#) .

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.