

# Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

## B6;129S-Sod1<sup>tm1Leb</sup>/J

RRID:IMSR\_JAX:002972

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:002972

### Organism Information

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

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**Description:** Mus musculus with name B6;129S-Sod1<sup>tm1Leb</sup>/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<sup>tm1Leb</sup>/J

**Record Creation Time:** 20250513T053636+0000

**Record Last Update:** 20260815T050545+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129S-Sod1<sup>tm1Leb</sup>/J.

No alerts have been found for B6;129S-Sod1<sup>tm1Leb</sup>/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## 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.