

# Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

## B6.129S1-Osr1<sup>tm1Jian/J</sup>

RRID:IMSR\_JAX:009387

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:009387

### Organism Information

**URL:** <https://www.jax.org/strain/009387>

**Proper Citation:** RRID:IMSR\_JAX:009387

**Description:** Mus musculus with name B6.129S1-Osr1<sup>tm1Jian/J</sup> from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: odd-skipped related transcription factor 1|beta-galactosidase;  
congenic strain: Osr1|lacZ

**Affected Gene:** odd-skipped related transcription factor 1|beta-galactosidase

**Genomic Alteration:** targeted mutation 1; Rulang Jiang

**Catalog Number:** JAX:009387

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129S1-Osr1<sup>tm1Jian/J</sup>

**Record Creation Time:** 20250513T053714+0000

**Record Last Update:** 20260815T050624+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S1-Osr1<sup>tm1Jian/J</sup>.

No alerts have been found for B6.129S1-Osr1<sup>tm1Jian/J</sup>.

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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 1 mentions in open access literature.

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

Lynch EC, et al. (2022) Disrupting Osr1 expression promoted hepatic steatosis and inflammation induced by high-fat diet in the mouse model. PloS one, 17(6), e0268344.