

Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

B6.129S1-Osr1^{tm1Jian}/J

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^{tm1Jian}/J from IMSR.

Species: Mus musculus

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

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

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^{tm1Jian}/J

Record Creation Time: 20250513T053714+0000

Record Last Update: 20260912T060459+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1-Osr1^{tm1Jian}/J.

No alerts have been found for B6.129S1-Osr1^{tm1Jian}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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.