

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

STOCK Izumo1^{tmOsb}/OsbRbrc

RRID:IMSR_RBRC02097

Type: Organism

Proper Citation

RRID:IMSR_RBRC02097

Organism Information

URL: <https://brc.riken.jp/mus/RBRC02097>

Proper Citation: RRID:IMSR_RBRC02097

Description: Mus musculus with name STOCK Izumo1^{tmOsb}/OsbRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: izumo sperm-egg fusion 1; noninbred stock|mutant stock: Izumo1

Affected Gene: izumo sperm-egg fusion 1

Genomic Alteration: targeted mutation 1; Research Institute for Microbial Diseases; Osaka University

Catalog Number: RBRC02097

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: STOCK Izumo1^{tmOsb}/OsbRbrc

Record Creation Time: 20250513T061442+0000

Record Last Update: 20260912T064300+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Izumo1^{tmOsb}/OsbRbrc.

No alerts have been found for STOCK Izumo1^{tmOs}_b/Os_bR_{brc}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Inoue N, et al. (2025) Noncanonical phagocytosis-like SEAL establishes mammalian fertilization. Cell reports, 44(4), 115463.