

# Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

## C57BL/6NJ-Zp1d1<sup>em1(IMPC)</sup>J/Mmjax

RRID:IMSR\_JAX:031591

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:031591

### Organism Information

**URL:** <https://www.jax.org/strain/031591>

**Proper Citation:** RRID:IMSR\_JAX:031591

**Description:** Mus musculus with name C57BL/6NJ-Zp1d1<sup>em1(IMPC)</sup>J/Mmjax from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: zona pellucida like domain containing 1; coisogenic strain|mutant strain: Zp1d1

**Affected Gene:** zona pellucida like domain containing 1

**Genomic Alteration:** endonuclease-mediated mutation 1; Jackson

**Catalog Number:** JAX:031591

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** C57BL/6NJ-Zp1d1<sup>em1(IMPC)</sup>J/Mmjax

**Record Creation Time:** 20250513T053823+0000

**Record Last Update:** 20260725T044524+0000

### Ratings and Alerts

No rating or validation information has been found for C57BL/6NJ-Zp1d1<sup>em1(IMPC)</sup>J/Mmjax.

No alerts have been found for C57BL/6NJ-Zpld1<sup>em1(IMPC)J</sup>/Mmjax.

---

## 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 [kravitz2](#) .

Vijayakumar S, et al. (2019) Spontaneous mutations of the Zpld1 gene in mice cause semicircular canal dysfunction but do not impair gravity receptor or hearing functions. Scientific reports, 9(1), 12430.