

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## B6;129S-Jag1<sup>tm2Grid</sup>/J

RRID:IMSR\_JAX:010618

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:010618

### Organism Information

**URL:** <https://www.jax.org/strain/010618>

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**Description:** Mus musculus with name B6;129S-Jag1<sup>tm2Grid</sup>/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: jagged 1; mutant stock: Jag1

**Affected Gene:** jagged 1

**Genomic Alteration:** targeted mutation 2; Tom Gridley

**Catalog Number:** JAX:010618

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6;129S-Jag1<sup>tm2Grid</sup>/J

**Record Creation Time:** 20250513T053716+0000

**Record Last Update:** 20260725T044426+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129S-Jag1<sup>tm2Grid</sup>/J.

No alerts have been found for B6;129S-Jag1<sup>tm2Grid</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 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Ding C, et al. (2022) RNA m6A demethylase ALKBH5 regulates the development of ?? T cells. Proceedings of the National Academy of Sciences of the United States of America, 119(33), e2203318119.

Chrysostomou E, et al. (2020) The Notch Ligand Jagged1 Is Required for the Formation, Maintenance, and Survival of Hensen's Cells in the Mouse Cochlea. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(49), 9401.

Werth M, et al. (2017) Transcription factor TFCP2L1 patterns cells in the mouse kidney collecting ducts. eLife, 6.

Semerci F, et al. (2017) Lunatic fringe-mediated Notch signaling regulates adult hippocampal neural stem cell maintenance. eLife, 6.