

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

B6;129S-Jag1^{tm2Grid}/J

RRID:IMSR_JAX:010618

Type: Organism

Proper Citation

RRID:IMSR_JAX:010618

Organism Information

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

Proper Citation: RRID:IMSR_JAX:010618

Description: Mus musculus with name B6;129S-Jag1^{tm2Grid}/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^{tm2Grid}/J

Record Creation Time: 20250513T053716+0000

Record Last Update: 20260808T050921+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-Jag1^{tm2Grid}/J.

No alerts have been found for B6;129S-Jag1^{tm2Grid}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Alouche N, et al. (2026) Homeostatic mature dendritic cells instruct fibroblast specialization via Notch2 signaling to establish T cell niches. *Immunity*, 59(6), 1688.

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.

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

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