

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

B6.129S1-Jag1^{tm1Grid}/J

RRID:IMSR_JAX:010616

Type: Organism

Proper Citation

RRID:IMSR_JAX:010616

Organism Information

URL: <https://www.jax.org/strain/010616>

Proper Citation: RRID:IMSR_JAX:010616

Description: Mus musculus with name B6.129S1-Jag1^{tm1Grid}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: jagged 1; mutant strain|congenic strain: Jag1

Affected Gene: jagged 1

Genomic Alteration: targeted mutation 1; Tom Gridley

Catalog Number: JAX:010616

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S1-Jag1^{tm1Grid}/J

Record Creation Time: 20250513T053716+0000

Record Last Update: 20260808T050921+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1-Jag1^{tm1Grid}/J.

No alerts have been found for B6.129S1-Jag1^{tm1Grid}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Seymour PA, et al. (2020) Jag1 Modulates an Oscillatory Dll1-Notch-Hes1 Signaling Module to Coordinate Growth and Fate of Pancreatic Progenitors. *Developmental cell*, 52(6), 731.

Wu X, et al. (2019) Crosstalk between BMP and Notch Induces Sox2 in Cerebral Endothelial Cells. *Cells*, 8(6).

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