

Resource Summary Report

Generated by PRECISE-TBI on Sep 20, 2026

B6;129S1-Notch3^{tm1Grid}/J

RRID:IMSR_JAX:010547

Type: Organism

Proper Citation

RRID:IMSR_JAX:010547

Organism Information

URL: <https://www.jax.org/strain/010547>

Proper Citation: RRID:IMSR_JAX:010547

Description: Mus musculus with name B6;129S1-Notch3^{tm1Grid}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: notch 3; mutant stock: Notch3

Affected Gene: notch 3

Genomic Alteration: targeted mutation 1; Tom Gridley

Catalog Number: JAX:010547

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S1-Notch3^{tm1Grid}/J

Record Creation Time: 20250513T053716+0000

Record Last Update: 20260919T054904+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S1-Notch3^{tm1Grid}/J.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human CADASIL 1.

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 [PRECISE-TBI](#) .

Benamar M, et al. (2025) Notch3 destabilizes regulatory T cells to drive autoimmune neuroinflammation in multiple sclerosis. Immunity, 58(11), 2753.