

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

B6.129S2-Gzmb^{tm1Ley/J}

RRID:IMSR_JAX:002248

Type: Organism

Proper Citation

RRID:IMSR_JAX:002248

Organism Information

URL: <https://www.jax.org/strain/002248>

Proper Citation: RRID:IMSR_JAX:002248

Description: Mus musculus with name B6.129S2-Gzmb^{tm1Ley/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: granzyme B; mutant strain|congenic strain: Gzmb

Affected Gene: granzyme B

Genomic Alteration: targeted mutation 1; Timothy J Ley

Catalog Number: JAX:002248

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S2-Gzmb^{tm1Ley/J}

Record Creation Time: 20250513T053630+0000

Record Last Update: 20260808T050832+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-Gzmb^{tm1Ley/J}.

No alerts have been found for B6.129S2-Gzmb^{tm1Ley/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Lim YS, et al. (2023) NK cell-derived extracellular granzyme B drives epithelial ulceration during HSV-2 genital infection. Cell reports, 42(4), 112410.

Abdelwahab T, et al. (2023) Cytotoxic CNS-associated T_H1 cells drive axon degeneration by targeting perturbed oligodendrocytes in PLP1 mutant mice. iScience, 26(5), 106698.