

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

C57BL/6J-Gsdmd^{em1Vnce}/J

RRID:IMSR_JAX:032663

Type: Organism

Proper Citation

RRID:IMSR_JAX:032663

Organism Information

URL: <https://www.jax.org/strain/032663>

Proper Citation: RRID:IMSR_JAX:032663

Description: Mus musculus with name C57BL/6J-Gsdmd^{em1Vnce}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: gasdermin D; coisogenic strain|mutant strain: Gsdmd

Affected Gene: gasdermin D

Genomic Alteration: endonuclease-mediated mutation 1; Russell E Vance

Catalog Number: JAX:032663

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6J-Gsdmd^{em1Vnce}/J

Record Creation Time: 20250513T053830+0000

Record Last Update: 20260919T055014+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Gsdmd^{em1Vnce}/J.

No alerts have been found for C57BL/6J-Gsdmd^{em1Vnce}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Miller BA, et al. (2026) Perturbation of azurophilic granule integrity drives NLRP3-independent IL-1?? processing and release in neutrophils. Journal of immunology (Baltimore, Md. : 1950), 215(3).

Newen AM, et al. (2026) Distributed clonal deletion prevents autoimmune disease progression. Cell reports, 45(8), 117723.

Reinke S, et al. (2023) Emulsion and liposome-based adjuvanted R21 vaccine formulations mediate protection against malaria through distinct immune mechanisms. Cell reports. Medicine, 4(11), 101245.

Wu YH, et al. (2022) Caspase-8 inactivation drives autophagy-dependent inflammasome activation in myeloid cells. Science advances, 8(45), eabn9912.

Oh C, et al. (2022) Neutrophil inflammasomes sense the subcellular delivery route of translocated bacterial effectors and toxins. Cell reports, 41(8), 111688.

Wang W, et al. (2022) Mobilizing phospholipids on tumor plasma membrane implicates phosphatidylserine externalization blockade for cancer immunotherapy. Cell reports, 41(5), 111582.

Carter JJ, et al. (2021) Atypical cytomegalovirus retinal disease in pyroptosis-deficient mice with murine acquired immunodeficiency syndrome. Experimental eye research, 209, 108651.

Deets KA, et al. (2021) Inflammasome activation leads to cDC1-independent cross-priming of CD8 T cells by epithelial cell-derived antigen. eLife, 10.