Resource Summary Report

Generated by kravitz2 on Sep 18, 2026

B6;129S-Fcgr2b^{tm1Ttk}/J

RRID:IMSR_JAX:002848
Type: Organism

Proper Citation

RRID:IMSR_JAX:002848

Organism Information

URL: https://www.jax.org/strain/002848

Proper Citation: RRID:IMSR_JAX:002848

Description: Mus musculus with name B6;129S-Fcgr2b^{tm1Ttk}/J from IMSR.

Species: Mus musculus

Synonyms: B6;129S4-Fcgr2b/J. B6;129S4-Fcgr2b/J

Notes: gene symbol note: Fc receptor; IgG; low affinity IIb; mutant stock: Fcgr2b

Affected Gene: Fc receptor; IgG; low affinity IIb

Genomic Alteration: targeted mutation 1; Toshiyuki Takai

Catalog Number: JAX:002848

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S-Fcgr2b^{tm1Ttk}/J

Record Creation Time: 20250513T053635+0000

Record Last Update: 20260912T060419+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-Fcgr2b^{tm1Ttk}/J.

No alerts have been found for B6;129S-Fcgr2b^{tm1Ttk}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Weber JL, et al. (2026) De novo pyrimidine synthesis controls germinal center B cell and plasma cell fates and systemic autoimmunity. Cell reports, 45(7), 117587.

Fike AJ, et al. (2025) IRF7 controls spontaneous autoimmune germinal center and plasma cell checkpoints. bioRxiv : the preprint server for biology.

Fike AJ, et al. (2025) IRF7 controls spontaneous autoimmune germinal center and plasma cell checkpoints. The Journal of experimental medicine, 222(7).

Morris AB, et al. (2020) Signaling through the Inhibitory Fc Receptor Fc?RIIB Induces CD8+ T Cell Apoptosis to Limit T Cell Immunity. Immunity, 52(1), 136.