Resource Summary Report

Generated by NIF on Sep 7, 2026

B6.129X1(Cg)-Csf3r^{tm1Link}/J

RRID:IMSR_JAX:017838
Type: Organism

Proper Citation

RRID:IMSR_JAX:017838

Organism Information

URL: https://www.jax.org/strain/017838

Proper Citation: RRID:IMSR_JAX:017838

Description: Mus musculus with name B6.129X1(Cg)-Csf3r^{tm1Link}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: colony stimulating factor 3 receptor; congenic strain: Csf3r

Affected Gene: colony stimulating factor 3 receptor

Genomic Alteration: targeted mutation 1; Daniel C Link

Catalog Number: JAX:017838

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129X1(Cg)-Csf3r^{tm1Link}/J

Record Creation Time: 20250513T053734+0000

Record Last Update: 20260905T044517+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1(Cg)-Csf3r^{tm1Link}/J.

No alerts have been found for B6.129X1(Cg)-Csf3r^{tm1Link}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Mariancini A, et al. (2026) IL1R2 Deficiency Unleashes Neutrophil-Mediated Antitumor Potential in Sarcoma. Cancer immunology research, 14(5), 751.

Chang TG, et al. (2025) Hypoxia-induced EGR1 remodels neutrophils to suppress antitumor immunity. Science immunology, 10(114), eadz2273.

Cho NW, et al. (2025) T Cells Instruct Immune Checkpoint Inhibitor Therapy Resistance in Tumors Responsive to IL1 and TNF? Inflammation. Cancer immunology research, 13(2), 229.

Carnevale S, et al. (2024) Neutrophils Mediate Protection Against Colitis and Carcinogenesis by Controlling Bacterial Invasion and IL22 Production by ?? T Cells. Cancer immunology research, 12(4), 413.

Gungabeesoon J, et al. (2023) A neutrophil response linked to tumor control in immunotherapy. Cell, 186(7), 1448.

Lu XJ, et al. (2016) LECT2 drives haematopoietic stem cell expansion and mobilization via regulating the macrophages and osteolineage cells. Nature communications, 7, 12719.