

Resource Summary Report

Generated by ASWG on Aug 22, 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: 20260815T050646+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 [ASWG](#) .

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.