Resource Summary Report

Generated by NIF on Aug 31, 2026

B6J.129(Cg)-Gt(ROSA)26Sor$^{tm1.1(CAG-cas9*.-EGFP)Fezh}$/J

RRID:IMSR_JAX:026179
Type: Organism

Proper Citation

RRID:IMSR_JAX:026179

Organism Information

URL: https://www.jax.org/strain/026179

Proper Citation: RRID:IMSR_JAX:026179

Description: Mus musculus with name B6J.129(Cg)-Gt(ROSA)26Sor$^{tm1.1(CAG-cas9*.-EGFP)Fezh}$/J from IMSR.

Species: Mus musculus

Synonyms: B6J.129(Cg)-Gt(ROSA)26Sor/J

Notes: gene symbol note: gene trap ROSA 26; Philippe Soriano||CRISPR associated protein 9; mutant strain|congenic strain: Gt(ROSA)26Sor||cas9

Affected Gene: gene trap ROSA 26; Philippe Soriano||CRISPR associated protein 9

Genomic Alteration: targeted mutation 1.1; Feng Zhang

Catalog Number: JAX:026179

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6J.129(Cg)-Gt(ROSA)26Sor$^{tm1.1(CAG-cas9*.-EGFP)Fezh}$/J

Record Creation Time: 20250513T053756+0000

Record Last Update: 20260829T045101+0000

Ratings and Alerts

No rating or validation information has been found for B6J.129(Cg)-Gt(ROSA)26Sor tm1.1(CAG-cas9*.-EGFP)Fezh/J.

No alerts have been found for B6J.129(Cg)-Gt(ROSA)26Sor$^{tm1.1(CAG-cas9*.-EGFP)Fezh}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 79 mentions in open access literature.

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

Sugiura A, et al. (2026) Tissue and CD4 T cell subset dependence on the amino acid transporter SLC38A1. Cell metabolism, 38(4), 712.

Marshall AC, et al. (2026) Mapping breast cancer lineage in radiation and immunotherapy using the REMAP mouse. bioRxiv : the preprint server for biology.

Oliver E, et al. (2026) Somatic CRISPR editing of Msh3 mitigates Huntington's disease pathology in mice. bioRxiv : the preprint server for biology.

Wang Y, et al. (2026) A blood-brain barrier-like vascular gate limits immunotherapy efficacy in neuroendocrine cancers. Cell, 189(13), 3922.

Xie S, et al. (2026) Effector differentiation by stem-like intraepithelial ?? T cells is required for host defense against infection. Immunity, 59(3), 577.

Yue S, et al. (2026) Expansion and CAR engineering of granulocyte-monocyte progenitors for cellular immunotherapy. Cell.

Ma Q, et al. (2026) Shengxian decoction suppresses malignant progression of lung adenocarcinoma by enhancing CD8+ T cell function via the FYN-PI3K/AKT axis. Chinese medicine, 21(1).

Wang Y, et al. (2026) Metabolic reinvigoration of NK cells by IL-21 enhances immunotherapy against MHC class I-deficient solid tumors. Cell reports, 45(3), 117035.

Omachi K, et al. (2026) Glomerular basement membrane structural integrity dictates trans-tissue deposition of laminin in the kidney. Cell reports, 45(3), 117006.

Lee J, et al. (2026) Perturbation of genes linked to common schizophrenia risk variants identifies cilia programs. bioRxiv : the preprint server for biology.

Jackson CR, et al. (2026) Defining a Midgestational Window for In Utero Genome Editing of the Fetal Murine Cortex. bioRxiv : the preprint server for biology.

Erwin MM, et al. (2026) TCF1lo CD8 T cells proliferate and persist autonomously in tumors. bioRxiv : the preprint server for biology.

Kim PG, et al. (2026) Metabolic control of innate immune activation in TET2-mutant clonal hematopoiesis. Cell chemical biology, 33(2), 183.

Geng S, et al. (2026) Krüppel-like factor 2 programs early exhausted T cell states and restrains antiviral immunity. Immunity, 59(5), 1306.

Liu H, et al. (2026) ARID1A loss drives gastric signet ring cell carcinoma by regulating mucin production and secretion. Nature communications, 17(1).

Sharma G, et al. (2025) IGF2BP3 redirects glycolytic flux to promote one-carbon metabolism and RNA methylation. Cell reports, 116330.

Wang L, et al. (2025) CLNS1A regulates genome stability and cell cycle progression to control CD4 T cell function and autoimmunity. Science immunology, 10(108), eadq8860.

Huang XY, et al. (2025) SETDB1 promotes mammalian liver regeneration by stimulating cytokine CSF3 in hepatocytes. Cell reports, 44(6), 115843.

Wang Y, et al. (2025) Cognate interaction-dependent pathogenicity of meningeal B cells drives neuroinflammation relapse. Immunity, 58(9), 2256.

Bi H, et al. (2025) DDX6 undergoes phase separation to modulate metabolic plasticity and chemoresistance. Nature communications, 17(1), 260.