

Resource Summary Report

Generated by T1D on Sep 23, 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: |CRISPR associated protein 9|gene trap ROSA 26; Philippe Soriano; mutant strain|congenic strain: |cas9|Gt(ROSA)26Sor

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

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: 20260919T054941+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 [T1D](#).

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*.

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

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

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).

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

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.

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) TCF1^{lo} 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.

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

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

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.

Michmerhuizen NL, et al. (2025) KAT6A and KAT7 Histone Acetyltransferase Complexes Are Molecular Dependencies and Therapeutic Targets in NUP98-Rearranged Acute Myeloid Leukemia. *Cancer discovery*, 15(10), 2096.