Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 15, 2025

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: 20250513T054024+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 55 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Huang B, et al. (2024) Long-term expandable mouse and human-induced nephron progenitor cells enable kidney organoid maturation and modeling of plasticity and disease. Cell stem cell, 31(6), 921.

Ollivier M, et al. (2024) Crym-positive striatal astrocytes gate perseverative behaviour. Nature, 627(8003), 358.

Haddad R, et al. (2024) Localized translation and sarcomere maintenance requires ribosomal protein SA in mice. The Journal of clinical investigation, 134(13).

Ren YF, et al. (2024) Single-cell RNA sequencing reveals immune microenvironment niche transitions during the invasive and metastatic processes of ground-glass nodules and part-solid nodules in lung adenocarcinoma. Molecular cancer, 23(1), 263.

Zhang N, et al. (2024) Cell surface RNAs control neutrophil recruitment. Cell, 187(4), 846.

Wang Y, et al. (2024) A pan-family screen of nuclear receptors in immunocytes reveals ligand-dependent inflammasome control. Immunity, 57(12), 2737.

Brauer B, et al. (2024) Impact of KDM6B mosaic brain knockout on synaptic function and behavior. Scientific reports, 14(1), 20416.

Zhou Z, et al. (2024) Type 2 cytokine signaling in macrophages protects from cellular

senescence and organismal aging. Immunity, 57(3), 513.

Noguchi Y, et al. (2024) In vivo CRISPR screening directly targeting testicular cells. Cell genomics, 4(3), 100510.

Wang J, et al. (2024) A platform of functional studies of ESCC-associated gene mutations identifies the roles of TGFBR2 in ESCC progression and metastasis. Cell reports, 43(11), 114952.

Osipovich AB, et al. (2023) ZFP92, a KRAB domain zinc finger protein enriched in pancreatic islets, binds to B1/Alu SINE transposable elements and regulates retroelements and genes. PLoS genetics, 19(5), e1010729.

Mencarelli G, et al. (2023) Use of CRISPR/CAS9 Technologies to Study the Role of TLR in Dendritic Cell Subsets. Methods in molecular biology (Clifton, N.J.), 2700, 77.

Xu J, et al. (2023) KMT2D Deficiency Promotes Myeloid Leukemias which Is Vulnerable to Ribosome Biogenesis Inhibition. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e2206098.

Ferreira ACF, et al. (2023) Neuroprotective protein ADNP-dependent histone remodeling complex promotes T helper 2 immune cell differentiation. Immunity, 56(7), 1468.

Chen J, et al. (2023) A New Type of Endometrial Cancer Models in Mice Revealing the Functional Roles of Genetic Drivers and Exploring their Susceptibilities. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 10(24), e2300383.

Nyberg WA, et al. (2023) An evolved AAV variant enables efficient genetic engineering of murine T cells. Cell, 186(2), 446.

Tran TM, et al. (2022) The RNA-binding protein IGF2BP3 is critical for MLL-AF4-mediated leukemogenesis. Leukemia, 36(1), 68.

Wenes M, et al. (2022) The mitochondrial pyruvate carrier regulates memory T cell differentiation and antitumor function. Cell metabolism, 34(5), 731.

Alejo-Valle O, et al. (2022) The megakaryocytic transcription factor ARID3A suppresses leukemia pathogenesis. Blood, 139(5), 651.

Scherlinger M, et al. (2022) Phosphofructokinase P fine-tunes T regulatory cell metabolism, function, and stability in systemic autoimmunity. Science advances, 8(48), eadc9657.