Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

B6N.129(Cg)-Gt(ROSA)26Sor$^{tm1.1(CAG-cas9*.-EGFP)Fezh}$/J

RRID:IMSR_JAX:026430
Type: Organism

Proper Citation

RRID:IMSR_JAX:026430

Organism Information

URL: https://www.jax.org/strain/026430

Proper Citation: RRID:IMSR_JAX:026430

Description: Mus musculus with name B6N.129(Cg)-Gt(ROSA)26Sor$^{tm1.1(CAG-cas9*.-EGFP)Fezh}$/J from IMSR.

Species: Mus musculus

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:026430

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N.129(Cg)-Gt(ROSA)26Sor$^{tm1.1(CAG-cas9*.-EGFP)Fezh}$/J

Record Creation Time: 20250513T053757+0000

Record Last Update: 20260808T050958+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129(Cg)-Gt(ROSA)26Sor$^{tm1.1(CAG-cas9*.-EGFP)Fezh}$/J.

No alerts have been found for B6N.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 9 mentions in open access literature.

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

Zhu M, et al. (2026) Minimizing far-extending chromatin perturbation in genome editing preserves stem cell identity. Cell stem cell, 33(3), 470.

Xu J, et al. (2025) BCOR and ZC3H12A suppress a core stemness program in exhausted CD8+ T cells. The Journal of experimental medicine, 222(8).

Lu Y, et al. (2025) Functional Genetic Screens Reveal Key Pathways Instructing the Molecular Phenotypes of Tumor-Associated Macrophages. Cancer immunology research, 13(12), 2054.

Liu X, et al. (2025) Discovery, delineation, and therapeutic targeting of a hyper-translation pathway driving cytokine release syndrome. Cell reports. Medicine, 102531.

Zhang G, et al. (2025) GD2TIF cells as a platform for single-dose and long-term delivery of biologics. Nature communications, 16(1), 8088.

Wang L, et al. (2024) Induction of immortal-like and functional CAR T cells by defined factors. The Journal of experimental medicine, 221(5).

Zhao H, et al. (2021) Genome-wide fitness gene identification reveals Roquin as a potent suppressor of CD8 T??cell expansion and anti-tumor immunity. Cell reports, 37(10), 110083.

Kiguchi N, et al. (2020) Critical role of GRP receptor-expressing neurons in the spinal transmission of imiquimod-induced psoriatic itch. Neuropsychopharmacology reports, 40(3), 287.

Durai V, et al. (2019) Cryptic activation of an Irf8 enhancer governs cDC1 fate specification. Nature immunology, 20(9), 1161.