Resource Summary Report

Generated by RRID on Jul 30, 2026

B6(C)-Gt(ROSA)26Sor$^{em1.1(CAG-cas9*.-EGFP)Rsky}$/J

RRID:IMSR_JAX:028555
Type: Organism

Proper Citation

RRID:IMSR_JAX:028555

Organism Information

URL: https://www.jax.org/strain/028555

Proper Citation: RRID:IMSR_JAX:028555

Description: Mus musculus with name B6(C)-Gt(ROSA)26Sor$^{em1.1(CAG-cas9*.-EGFP)Rsky}$/J from IMSR.

Species: Mus musculus

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

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

Genomic Alteration: endonuclease-mediated mutation 1.1; Klaus Rajewsky

Catalog Number: JAX:028555

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6(C)-Gt(ROSA)26Sor$^{em1.1(CAG-cas9*.-EGFP)Rsky}$/J

Record Creation Time: 20250513T053805+0000

Record Last Update: 20260725T044511+0000

Ratings and Alerts

No rating or validation information has been found for B6(C)-Gt(ROSA)26Sor$^{em1.1(CAG-cas9*.-EGFP)Rsky}$/J.

No alerts have been found for B6(C)-Gt(ROSA)26Sor$^{em1.1(CAG-cas9*.-EGFP)Rsky}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Hamagami N, et al. (2026) State-specific enhancer landscapes govern microglial plasticity. Immunity.

Zhong X, et al. (2025) Protocol for CRISPR-mediated deletion of cis-regulatory element in murine Th17 cells for in vivo assessment of effector function. STAR protocols, 6(2), 103831.

Xu T, et al. (2024) Notch2 signaling governs activated B cells to form memory B cells. Cell reports, 43(7), 114454.

Zhong X, et al. (2024) Distinct ROR?t-dependent Th17 immune responses are required for autoimmune pathogenesis and protection against bacterial infection. Cell reports, 43(11), 114951.

Yan J, et al. (2024) Macrophage NRF1 promotes mitochondrial protein turnover via the ubiquitin proteasome system to limit mitochondrial stress and inflammation. Cell reports, 43(10), 114780.

Faliti CE, et al. (2024) Interleukin-2-secreting T helper cells promote extra-follicular B cell maturation via intrinsic regulation of a B cell mTOR-AKT-Blimp-1 axis. Immunity, 57(12), 2772.

Ran L, et al. (2024) The transcription regulator ID3 maintains tumor-specific memory CD8+ T cells in draining lymph nodes during tumorigenesis. Cell reports, 43(9), 114690.

Canale FP, et al. (2023) Proteomics of immune cells from liver tumors reveals immunotherapy targets. Cell genomics, 3(6), 100331.

Shen Z, et al. (2022) Systematic analysis of naturally occurring insertions and deletions that alter transcription factor spacing identifies tolerant and sensitive transcription factor pairs. eLife, 11.

Zhou X, et al. (2018) Circuit Design Features of a Stable Two-Cell System. Cell, 172(4), 744.