

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 γ 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.