

Resource Summary Report

Generated by [kravitz2](#) on Sep 17, 2026

B6.129-Gt(ROSA)26Sor^{tm5.1(CAG-Sun1/sfGFP)}Nat/MmbeJ

RRID:IMSR_JAX:030952

Type: Organism

Proper Citation

RRID:IMSR_JAX:030952

Organism Information

URL: <https://www.jax.org/strain/030952>

Proper Citation: RRID:IMSR_JAX:030952

Description: Mus musculus with name B6.129-Gt(ROSA)26Sor^{tm5.1(CAG-Sun1/sfGFP)}Nat/MmbeJ from IMSR.

Species: Mus musculus

Synonyms: B6.129-Gt(ROSA)26Sor/MmbeJ

Notes: gene symbol note: gene trap ROSA 26; Philippe Soriano; mutant strain|congenic strain: Gt(ROSA)26Sor

Affected Gene: gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 5.1; Jeremy Nathans

Catalog Number: JAX:030952

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129-Gt(ROSA)26Sor^{tm5.1(CAG-Sun1/sfGFP)}Nat/MmbeJ

Record Creation Time: 20250513T053819+0000

Record Last Update: 20260912T060555+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Gt(ROSA)26Sor^{tm5.1}(CAG-Sun1/sfGFP)Nat/MmbeJ.

No alerts have been found for B6.129-Gt(ROSA)26Sor^{tm5.1}(CAG-Sun1/sfGFP)Nat/MmbeJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#).

Martineau S, et al. (2026) Microglia and Myeloid Cell Populations of the Developing Mouse Retina. *Glia*, 74(2), e70115.

Séjourné G, et al. (2026) γ -catenin controls layer-specific transcriptional maturation of astrocytes via Zbtb20. *bioRxiv* : the preprint server for biology.

Louzon S, et al. (2025) Age- and cell-type-specific effects of histone variant H2BE in the brain. *Cell reports*, 44(12), 116655.

Kong CSL, et al. (2025) Truncated NTRK2 is induced in CAP1 endothelial cells during mouse lung injury-repair. *iScience*, 28(7), 112973.

Magaña I, et al. (2025) A Novel Cell-Type Specific Circadian Reporter Mouse Reveals Self-Sustained Food Entrainable Nature in Enteric Neurons. *bioRxiv* : the preprint server for biology.

Caccavano AP, et al. (2025) Divergent opioid-mediated suppression of inhibition between hippocampus and neocortex across species and development. *Neuron*, 113(11), 1805.

McKinsey GL, et al. (2025) Radial glia integrin α VB8 regulates cell autonomous microglial TGF β 1 signaling that is necessary for microglial identity. *Nature communications*, 16(1), 2840.

Duncan GJ, et al. (2024) Remyelination protects neurons from DLK-mediated neurodegeneration. *Nature communications*, 15(1), 9148.

Bartelt LC, et al. (2024) Antibody-assisted selective isolation of Purkinje cell nuclei from mouse cerebellar tissue. *Cell reports methods*, 4(7), 100816.

Aydin B, et al. (2024) Gut bacteria-derived succinate induces enteric nervous system regeneration. *bioRxiv* : the preprint server for biology.

Su Y, et al. (2024) Brainstem Dbh+ Neurons Control Chronic Allergen-Induced Airway Hyperreactivity. *bioRxiv : the preprint server for biology*.

Ewing-Crystal NA, et al. (2024) Dynamic fibroblast-immune interactions shape wound healing after brain injury. *bioRxiv : the preprint server for biology*.

Parylak SL, et al. (2023) Neuronal activity-related transcription is blunted in immature compared to mature dentate granule cells. *Hippocampus*, 33(4), 412.

Li L, et al. (2023) Sample enrichment for single-nucleus sequencing using concanavalin A-conjugated magnetic beads. *STAR protocols*, 4(4), 102595.

McKinsey GL, et al. (2023) Radial glia promote microglial development through integrin α V β 8 -TGF β 1 signaling. *bioRxiv : the preprint server for biology*.

Kim EJ, et al. (2020) Extraction of Distinct Neuronal Cell Types from within a Genetically Continuous Population. *Neuron*, 107(2), 274.