Resource Summary Report

Generated by NIF on Sep 3, 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: 20260829T045124+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 NIF .

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

Séjourné G, et al. (2026) ?-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 avb8 regulates cell autonomous microglial TGF?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 ?V ?8 -TGF?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.