

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

B6.Cg-Gt(ROSA)26Sor^{tm1.3(CAG-tdTomato.-EGFP)}Pjen/J

RRID:IMSR_JAX:026932

Type: Organism

Proper Citation

RRID:IMSR_JAX:026932

Organism Information

URL: <https://www.jax.org/strain/026932>

Proper Citation: RRID:IMSR_JAX:026932

Description: Mus musculus with name B6.Cg-Gt(ROSA)26Sor^{tm1.3(CAG-tdTomato.-EGFP)}Pjen/J from IMSR.

Species: Mus musculus

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 1.3; Patricia Jensen

Catalog Number: JAX:026932

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Gt(ROSA)26Sor^{tm1.3(CAG-tdTomato.-EGFP)}Pjen/J

Record Creation Time: 20250513T053758+0000

Record Last Update: 20260912T060539+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Gt(ROSA)26Sor^{tm1.3}(CAG-tdTomato.-EGFP)Pjen/J.

No alerts have been found for B6.Cg-Gt(ROSA)26Sor^{tm1.3}(CAG-tdTomato.-EGFP)Pjen/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Wang Z, et al. (2026) An enteric-DRG pathway for interoception and visceral pain in mice. *Neuron*, 114(1), 105.

Wu S, et al. (2026) Specialized outputs and behavioral contributions of Purkinje cell subtypes. *bioRxiv : the preprint server for biology*.

Spann RA, et al. (2026) FGF21 signals through hindbrain neurons to alter food intake and energy expenditure during dietary protein restriction. *Cell reports*, 45(4), 117218.

Goral RO, et al. (2026) Mesoscopic analysis of GABAergic marker expression in acetylcholine neurons in the whole mouse brain. *iScience*, 29(1), 114531.

Micoli E, et al. (2025) A single-cell transcriptomic atlas of developing inhibitory neurons reveals expanding and contracting modes of diversification. *bioRxiv : the preprint server for biology*.

Tuñón-Ortiz A, et al. (2025) Inhibitory Neurons Marked by the Connectivity Molecule Kirrel3 Regulate Memory Precision. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(38).

Warren R, et al. (2024) Cell competition drives bronchiolization and pulmonary fibrosis. *Nature communications*, 15(1), 10624.

Cai Y, et al. (2024) Embryonic origins of forebrain oligodendrocytes revisited by combinatorial genetic fate mapping. *eLife*, 13.

Bowman RL, et al. (2024) In vivo models of subclonal oncogenesis and dependency in hematopoietic malignancy. *Cancer cell*, 42(11), 1955.

Worthy AE, et al. (2024) Spinal V1 inhibitory interneuron clades differ in birthdate, projections to motoneurons, and heterogeneity. *eLife*, 13.

Chang Y, et al. (2024) Vglut2-based glutamatergic signaling in central noradrenergic neurons is dispensable for normal breathing and chemosensory reflexes. *bioRxiv : the preprint server for biology*.

Cooper AH, et al. (2024) Peripheral nerve injury results in a biased loss of sensory neuron subpopulations. *Pain*, 165(12), 2863.

Patil MJ, et al. (2023) A Novel Flp Reporter Mouse Shows That TRPA1 Expression Is Largely Limited to Sensory Neuron Subsets. *eNeuro*, 10(12).

Haston S, et al. (2023) Clearance of senescent macrophages ameliorates tumorigenesis in KRAS-driven lung cancer. *Cancer cell*, 41(7), 1242.

Frank MM, et al. (2023) Experience-dependent flexibility in a molecularly diverse central-to-peripheral auditory feedback system. *eLife*, 12.

Wei XP, et al. (2022) A novel reticular node in the brainstem synchronizes neonatal mouse crying with breathing. *Neuron*, 110(4), 644.

Lane AR, et al. (2021) Genetic targeting of adult Renshaw cells using a Calbindin 1 destabilized Cre allele for intersection with Parvalbumin or Engrailed1. *Scientific reports*, 11(1), 19861.

Yu Q, et al. (2021) Mesenteric Neural Crest Cells Are the Embryological Basis of Skip Segment Hirschsprung's Disease. *Cellular and molecular gastroenterology and hepatology*, 12(1), 1.

Turrero García M, et al. (2021) Transcriptional profiling of sequentially generated septal neuron fates. *eLife*, 10.

Mohammad S, et al. (2020) Long-term spatial tracking of cells affected by environmental insults. *Journal of neurodevelopmental disorders*, 12(1), 38.