Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 5, 2025

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||gene trap ROSA 26; Philippe Soriano; mutant strain: |Gt(ROSA)26Sor||Gt(ROSA)26Sor

Affected Gene: |gene trap ROSA 26; Philippe Soriano||gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 1.3; Patricia Jensen

Catalog Number: JAX:026932

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:26932

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

Record Creation Time: 20230509T193323+0000

Record Last Update: 20240104T175124+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: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

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.

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

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

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.

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

Mukai J, et al. (2019) Recapitulation and Reversal of Schizophrenia-Related Phenotypes in Setd1a-Deficient Mice. Neuron, 104(3), 471.

Quadros RM, et al. (2017) Easi-CRISPR: a robust method for one-step generation of mice carrying conditional and insertion alleles using long ssDNA donors and CRISPR ribonucleoproteins. Genome biology, 18(1), 92.