Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

B6.Cg-Gt(ROSA)26Sor$^{tm3(CAG-EYFP)Hze}$/J

RRID:IMSR_JAX:007903
Type: Organism

Proper Citation

RRID:IMSR_JAX:007903

Organism Information

URL: https://www.jax.org/strain/007903

Proper Citation: RRID:IMSR_JAX:007903

Description: Mus musculus with name B6.Cg-Gt(ROSA)26Sor$^{tm3(CAG-EYFP)Hze}$/J from IMSR.

Species: Mus musculus

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

Affected Gene: |gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 3; Hongkui Zeng

Catalog Number: JAX:007903

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:7903

Organism Name: B6.Cg-Gt(ROSA)26Sor$^{tm3(CAG-EYFP)Hze}$/J

Record Creation Time: 20230509T193255+0000

Record Last Update: 20240104T174919+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Gt(ROSA)26Sor$^{tm3(CAG-EYFP)Hze}$/J.

No alerts have been found for B6.Cg-Gt(ROSA)26Sor$^{tm3(CAG-EYFP)Hze}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 52 mentions in open access literature.

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

Salas-Escabillas DJ, et al. (2024) Tuft cells transdifferentiate to neural-like progenitor cells in the progression of pancreatic cancer. Developmental cell.

Müllner FE, et al. (2024) Individual thalamic inhibitory interneurons are functionally specialized toward distinct visual features. Neuron, 112(16), 2765.

Li D, et al. (2023) ETV4 mediates dosage-dependent prostate tumor initiation and cooperates with p53 loss to generate prostate cancer. Science advances, 9(14), eadc9446.

Shrestha BR, et al. (2023) Runx1 controls auditory sensory neuron diversity in mice. Developmental cell, 58(4), 306.

Cui X, et al. (2023) A putative loop connection between VTA dopamine neurons and nucleus accumbens encodes positive valence to compensate for hunger. Progress in neurobiology, 229, 102503.

Shima Y, et al. (2023) Distinctiveness and continuity in transcriptome and connectivity in the anterior-posterior axis of the paraventricular nucleus of the thalamus. Cell reports, 42(10), 113309.

Lamontagne JO, et al. (2022) Transcription factors AP-2? and AP-2? regulate distinct segments of the distal nephron in the mammalian kidney. Nature communications, 13(1), 2226.

Fukumitsu K, et al. (2022) Amylin-Calcitonin receptor signaling in the medial preoptic area mediates affiliative social behaviors in female mice. Nature communications, 13(1), 709.

Wei X, et al. (2022) Ablating Lgr5-expressing prostatic stromal cells activates the ERK-

mediated mechanosensory signaling and disrupts prostate tissue homeostasis. Cell reports, 40(10), 111313.

Iyer AA, et al. (2022) Cellular reprogramming with ATOH1, GFI1, and POU4F3 implicate epigenetic changes and cell-cell signaling as obstacles to hair cell regeneration in mature mammals. eLife, 11.

Asgarihafshejani A, et al. (2022) Long-term potentiation at pyramidal cell to somatostatin interneuron synapses controls hippocampal network plasticity and memory. iScience, 25(5), 104259.

Han M, et al. (2022) FOXA2 drives lineage plasticity and KIT pathway activation in neuroendocrine prostate cancer. Cancer cell, 40(11), 1306.

Liu Y, et al. (2022) Stromal AR inhibits prostate tumor progression by restraining secretory luminal epithelial cells. Cell reports, 39(8), 110848.

Cao B, et al. (2022) Spinal cord retinoic acid receptor signaling gates mechanical hypersensitivity in neuropathic pain. Neuron, 110(24), 4108.

Liberti DC, et al. (2022) Klf5 defines alveolar epithelial type 1 cell lineage commitment during lung development and regeneration. Developmental cell, 57(14), 1742.

McGill MM, et al. (2021) p38 MAP Kinase Signaling in Microglia Plays a Sex-Specific Protective Role in CNS Autoimmunity and Regulates Microglial Transcriptional States. Frontiers in immunology, 12, 715311.

Marneros AG, et al. (2021) Magnesium and Calcium Homeostasis Depend on KCTD1 Function in the Distal Nephron. Cell reports, 34(2), 108616.

Huang S, et al. (2021) Lymph nodes are innervated by a unique population of sensory neurons with immunomodulatory potential. Cell, 184(2), 441.

Landy MA, et al. (2021) Loss of Prdm12 during development, but not in mature nociceptors, causes defects in pain sensation. Cell reports, 34(13), 108913.

Siemian JN, et al. (2021) Lateral hypothalamic LEPR neurons drive appetitive but not consummatory behaviors. Cell reports, 36(8), 109615.