Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 13, 2025

B6J.Cg-Gt(ROSA)26Sor$^{tm95.1(CAG-GCaMP6f)Hze}$/MwarJ

RRID:IMSR_JAX:028865
Type: Organism

Proper Citation

RRID:IMSR_JAX:028865

Organism Information

URL: https://www.jax.org/strain/028865

Proper Citation: RRID:IMSR_JAX:028865

Description: Mus musculus with name B6J.Cg-Gt(ROSA)26Sor$^{tm95.1(CAG-GCaMP6f)Hze}$/MwarJ 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 95.1; Hongkui Zeng

Catalog Number: JAX:028865

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:28865

Organism Name: B6J.Cg-Gt(ROSA)26Sor$^{tm95.1(CAG-GCaMP6f)Hze}$/MwarJ

Record Creation Time: 20230509T193326+0000

Record Last Update: 20250412T090735+0000

Ratings and Alerts

No rating or validation information has been found for B6J.Cg-Gt(ROSA)26Sor$^{tm95.1(CAG-GCaMP6f)Hze}$/MwarJ.

No alerts have been found for B6J.Cg-Gt(ROSA)26Sor$^{tm95.1(CAG-GCaMP6f)Hze}$/MwarJ.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Fischl M, et al. (2024) Fast Inhibition Slows and Desynchronizes Mouse Auditory Efferent Neuron Activity. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(33).

Acreman S, et al. (2024) The endoplasmic reticulum plays a key role in ?-cell intracellular Ca2+ dynamics and glucose-regulated glucagon secretion in mouse islets. iScience, 27(5), 109665.

Hamacher C, et al. (2024) A revised conceptual framework for mouse vomeronasal pumping and stimulus sampling. Current biology : CB, 34(6), 1206.

Ren W, et al. (2024) Sympathetic nerve-enteroendocrine L cell communication modulates GLP-1 release, brain glucose utilization, and cognitive function. Neuron, 112(6), 972.

Huang KT, et al. (2024) Dysregulated Ca2+ signaling, fluid secretion, and mitochondrial function in a mouse model of early Sjögren's disease. eLife, 13.

Qi L, et al. (2024) A mouse DRG genetic toolkit reveals morphological and physiological diversity of somatosensory neuron subtypes. Cell, 187(6), 1508.

DePiero VJ, et al. (2024) Transformation of Motion Pattern Selectivity from Retina to Superior Colliculus. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(20).

Gourévitch B, et al. (2023) Synchronization of inspiratory burst onset along the ventral respiratory column in the neonate mouse is mediated by electrotonic coupling. BMC biology, 21(1), 83.

Moayedi Y, et al. (2023) The cellular basis of mechanosensation in mammalian tongue. Cell reports, 42(2), 112087.

Wang AYM, et al. (2023) An ON-type direction-selective ganglion cell in primate retina. Nature, 623(7986), 381.

Sadegh C, et al. (2023) Choroid plexus-targeted NKCC1 overexpression to treat post-hemorrhagic hydrocephalus. Neuron, 111(10), 1591.

Winters ND, et al. (2023) Opposing retrograde and astrocyte-dependent endocannabinoid signaling mechanisms regulate lateral habenula synaptic transmission. Cell reports, 42(3), 112159.

Miguel-Quesada C, et al. (2023) Astrocytes adjust the dynamic range of cortical network activity to control modality-specific sensory information processing. Cell reports, 42(8), 112950.

Johnson E, et al. (2023) Graded spikes differentially signal neurotransmitter input in cerebrospinal fluid contacting neurons of the mouse spinal cord. iScience, 26(1), 105914.

Rem PD, et al. (2023) Soluble amyloid-? precursor peptide does not regulate GABAB receptor activity. eLife, 12.

Qi L, et al. (2023) A DRG genetic toolkit reveals molecular, morphological, and functional diversity of somatosensory neuron subtypes. bioRxiv : the preprint server for biology.

Leembruggen AJL, et al. (2023) Group I Metabotropic Glutamate Receptors Modulate Motility and Enteric Neural Activity in the Mouse Colon. Biomolecules, 13(1).

Adefuin AM, et al. (2022) State-dependent representations of mixtures by the olfactory bulb. eLife, 11.

Wang X, et al. (2022) The role of action potential changes in depolarization-induced failure of excitation contraction coupling in mouse skeletal muscle. eLife, 11.

Hu M, et al. (2022) Visualization of trigeminal ganglion sensory neuronal signaling regulated by Cdk5. Cell reports, 38(10), 110458.