

Resource Summary Report

Generated by PRECISE-TBI on Aug 4, 2026

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; mutant strain|congenic strain: |Gt(ROSA)26Sor

Affected Gene: |gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 95.1; Hongkui Zeng

Catalog Number: JAX:028865

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

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

Record Creation Time: 20250513T053806+0000

Record Last Update: 20260801T050517+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: JAX Mice and Services

Usage and Citation Metrics

We found 52 mentions in open access literature.

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

Muppirala AN, et al. (2026) Tachykinin signaling defines distinct populations of glia in the enteric nervous system. *Neuron*.

Lind BL, et al. (2025) In vivo two-photon microscopy for studies of neurovascular coupling in rodents: a beginner's guide. *Neurophotonics*, 12(Suppl 2), S22808.

Takano T, et al. (2025) Pancreatic acinar cell signalling and function exhibit an absolute requirement for activation of G_q. *The Journal of physiology*, 603(16), 4497.

Courtney Y, et al. (2025) Choroid plexus apocrine secretion shapes CSF proteome during mouse brain development. *Nature neuroscience*, 28(7), 1446.

Sonoda T, et al. (2025) Limited transmission of mixed convergent signals at the mouse retinogeniculate synapse. *Neuron*.

Zawieja SD, et al. (2025) Cellular characterization of the mouse collecting lymphatic vessels reveals that lymphatic muscle cells are the innate pacemaker cells. *eLife*, 12.

Bearss RJ, et al. (2025) Activation of ionotropic and group I metabotropic glutamate receptors stimulates kisspeptin neuron activity in mice. *Journal of neuroendocrinology*, 37(1), e13456.

Debnath S, et al. (2025) Enteric Neuronal Substrates Underlying Spontaneous and Evoked Neurogenic Contractions in Mouse Colon. *Cellular and molecular gastroenterology and hepatology*, 19(5), 101462.

Jiang M, et al. (2025) Microglial MS4A4A Protects against Epileptic Seizures in Alzheimer's Disease. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(22), e2417733.

Tripathi GM, et al. (2025) Synaptic-like coupling of macrophages to myofibers regulates muscle repair. *Current biology : CB*, 35(24), 6010.

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).

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).

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

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.

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

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.

Moayed 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.