

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

B6.Cg-Gt(ROSA)26Sor^{tm9(CAG-tdTomato)}Hze/J

RRID:IMSR_JAX:007909

Type: Organism

Proper Citation

RRID:IMSR_JAX:007909

Organism Information

URL: <https://www.jax.org/strain/007909>

Proper Citation: RRID:IMSR_JAX:007909

Description: Mus musculus with name B6.Cg-Gt(ROSA)26Sor^{tm9(CAG-tdTomato)}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 9; Hongkui Zeng

Catalog Number: JAX:007909

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Gt(ROSA)26Sor^{tm9(CAG-tdTomato)}Hze/J

Record Creation Time: 20250513T053704+0000

Record Last Update: 20260725T044416+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Gt(ROSA)26Sor^{tm9}(CAG-tdTomato)Hze/J.

No alerts have been found for B6.Cg-Gt(ROSA)26Sor^{tm9}(CAG-tdTomato)Hze/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 751 mentions in open access literature.

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

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

Merchant W, et al. (2026) RYGB induces vagal sensory neuropathy characterized by altered Glp1r expression and enhanced exendin-4 responsiveness in male mice. *American journal of physiology. Endocrinology and metabolism*, 330(1), E114.

Hill RZ, et al. (2026) Renal PIEZO2 is an essential regulator of renin. *Cell*, 189(1), 161.

Popek M, et al. (2026) Astrocytic TCF7L2 Impacts Brain Osmoregulation and Restricts Neuronal Excitability. *Glia*, 74(2), e70103.

Lu T, et al. (2026) Dysplastic epithelial repair promotes the tissue residence of lymphocytes to inhibit alveolar regeneration post viral infection. *Cell stem cell*, 33(1), 108.

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

Ware K, et al. (2026) Cell type-dependent role of transforming growth factor- β signaling on postnatal neural stem cell proliferation and migration. *Neural regeneration research*, 21(3), 1151.

Fallah M, et al. (2025) Inhibitory basal ganglia nuclei differentially innervate pedunculopontine nucleus subpopulations and evoke differential motor and valence behaviors. *eLife*, 13.

Vaasjo LO, et al. (2025) Dendritic inhibition terminates plateau potentials in CA1 pyramidal neurons. *bioRxiv : the preprint server for biology*.

Sniffen SE, et al. (2025) Directing negative emotional states through parallel genetically-distinct basolateral amygdala pathways to ventral striatum subregions. *Molecular psychiatry*, 30(10), 4801.

Sripinun P, et al. (2025) Fluorescent identification of axons, dendrites and soma of neuronal retinal ganglion cells with a genetic marker as a tool for facilitating the study of neurodegeneration. *FASEB bioAdvances*, 7(1), e1478.

Chen H, et al. (2025) Intermittent fasting triggers interorgan communication to suppress hair follicle regeneration. *Cell*, 188(1), 157.

Moakley DF, et al. (2025) Reverse engineering neuron-type-specific and type-orthogonal splicing-regulatory networks using diverse cellular transcriptomes. *Cell reports*, 44(7), 115898.

Kobayashi H, et al. (2025) Neuro-Mesenchymal Interaction Mediated by a α 2-Adrenergic Nerve Growth Factor Feedforward Loop Promotes Colorectal Cancer Progression. *Cancer discovery*, 15(1), 202.

Li H, et al. (2025) An alternative neural basis underlying leptin resistance. *Cell reports*, 44(7), 115863.

Can UI, et al. (2025) Rapid group-2 innate lymphoid cell mobilization from the intestine aids in early lung defense and repair. *Cell reports*, 44(7), 115868.

Passini FS, et al. (2025) Piezo2 in sensory neurons regulates systemic and adipose tissue metabolism. *Cell metabolism*, 37(4), 987.

Yang X, et al. (2025) Protocol for the in vivo tracing of alveolar type I cells from mice using two distinct dual recombinase-mediated genetic approaches. *STAR protocols*, 6(1), 103648.

Beaudoin DL, et al. (2025) Rod photoreceptors control the ON vs OFF polarity of cone-signaling neurons. *bioRxiv : the preprint server for biology*.

Baccini G, et al. (2025) Parvalbumin expression identifies subicular principal cells with high projection specificity. *Cell reports*, 44(8), 116004.