

Resource Summary Report

Generated by [NIF](#) on Sep 7, 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: 20260905T044448+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 827 mentions in open access literature.

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

Lee BJ, et al. (2026) A Cross-Species Hydroquinone Model Replicates Smoking-Related Corneal Endothelial Oxidative Injury and Enables Therapeutic Screening of FGF10. *Investigative ophthalmology & visual science*, 67(3), 12.

Li S, et al. (2026) Dual anterior insula-prefrontal cortex circuits mediate chronic stress-induced social interaction deficits. *Neuron*, 114(12), 2237.

Jia S, et al. (2026) Müllerian duct maintenance at the cranial region is promoted by Gata2. *bioRxiv : the preprint server for biology*.

Suzuki M, et al. (2026) IL-22 promotes genesis of small intestinal secretory cells that protect against cholera in mice. *bioRxiv : the preprint server for biology*.

Lu CL, et al. (2026) The gut microbiota alleviates depression by remodeling gut-brain energy metabolism. *Cell metabolism*, 38(6), 1201.

Ponessa JJ, et al. (2026) Alveolar macrophages inhibit emphysematous pathology via expression of carbonic anhydrase 4. *Cell reports*, 45(5), 117315.

Zhang S, et al. (2026) A peritumoral microenvironment engaged by Reg-EXTL3 axis fosters nerve-cancer interactions in pancreatic ductal adenocarcinoma. *Neuron*.

Qiu X, et al. (2026) Muscone Exerts Rapid Antidepressant Effects Through Modulating Glutamatergic Neural Transmission in the Anterior Cingulate Cortex Against Peripheral Inflammation-induced Depression. *Neuroscience bulletin*.

He J, et al. (2026) Differential regulation of hepatic macrophage fate by Chi3l1 in metabolic dysfunction-associated steatotic liver disease. *eLife*, 14.

Grimont A, et al. (2026) Molecular dynamics driving phenotypic divergence among KRAS mutants in pancreatic tumorigenesis. *Developmental cell*.

Viola C, et al. (2026) Activation of GCaMP6f-Expressing Chromaffin and Satellite Glial Cells in Murine Adrenal Slices by Nanosecond Electric Pulses. *Journal of neurochemistry*, 170(7), e70525.

Hall AL, et al. (2026) Identification of a natively resilient but poorly regenerating retinal ganglion cell type in the G protein-coupled receptor 88-Cre transgenic mouse. *Neural regeneration research*, 21(7), 3194.

Wang Q, et al. (2026) CB1R and GlyT2 interaction in spinal glycinergic circuits drives neuropathic mechanical pain. *Neuron*, 114(5), 884.

Ai D, et al. (2026) Depletion of CX3CR1+ macrophages results in disrupted functionality and immune surveillance within epididymis and testis. *Mucosal immunology*, 19(2), 1889.

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

Kobayashi H, et al. (2026) Netrin-1 Promotes Pancreatic Tumorigenesis and Innervation through NEO1. *Cancer research*, 86(8), 1883.

Xie X, et al. (2026) Hyperactivation of sympathetic nerves fuels basophil infiltration in atopic dermatitis. *Immunity*, 59(3), 598.

Tahor M, et al. (2026) Disruption of the developmental factor Otp in the adult male forebrain reveals its diverse physiological functions. *Endocrinology*, 167(4).

Ferreira S, et al. (2026) Inactivation of CDKN2AARF Promotes p53-Independent Remodeling of the PDAC Tumor Microenvironment. *Cancer research*, 86(13), 3109.

Timóteo-Ferreira F, et al. (2026) Single-cell transcriptomics highlights macrophage-driven regulation of EndMT and repair in injured muscle. *Communications biology*, 9(1).