

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

B6.Cg-Gt(ROSA)26Sor^{tm14}(CAG-tdTomato)Hze/J

RRID:IMSR_JAX:007914

Type: Organism

Proper Citation

RRID:IMSR_JAX:007914

Organism Information

URL: <https://www.jax.org/strain/007914>

Proper Citation: RRID:IMSR_JAX:007914

Description: Mus musculus with name B6.Cg-Gt(ROSA)26Sor^{tm14}(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 14; Hongkui Zeng

Catalog Number: JAX:007914

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Gt(ROSA)26Sor^{tm14}(CAG-tdTomato)Hze/J

Record Creation Time: 20250513T053704+0000

Record Last Update: 20260801T050407+0000

Ratings and Alerts

- Used for Thymic Tissue by the Human Islet Research Network community.
Contact(s): Mark Anderson, Corey Miller, Lauren Byrnes, Joe Germino - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for B6.Cg-Gt(ROSA)26Sor^{tm14}(CAG-tdTomato)Hze/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1046 mentions in open access literature.

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

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

Stierli S, et al. (2026) A peripheral glial niche orchestrates the early stages of skin wound healing. *Cell stem cell*.

Golbabaie A, et al. (2026) PV-dependent reorganization of prefrontal cortex sub-engrams during systems consolidation. *Neuron*, 114(1), 142.

Verwaerde S, et al. (2026) Innate type 2 lymphocytes trigger an inflammatory switch in alveolar macrophages. *Immunity*, 59(1), 60.

Cook SG, et al. (2026) Psilocybin induces sex- and context-specific recruitment of the stress axis. *Current biology : CB*, 36(1), 122.

Gochi K, et al. (2026) A novel stromal cell source of RANKL during sustained osteoclast activation in disuse osteoporosis. *The Journal of physiology*.

Hamagami N, et al. (2026) State-specific enhancer landscapes govern microglial plasticity. *Immunity*.

Slade LE, et al. (2026) Neurotoxic effects of chronic ethanol on cholinergic interneurons in the dorsomedial striatum. *Neuropharmacology*, 282, 110706.

Bryant KG, et al. (2025) Acute alcohol in prefrontal cortex is characterized by enhanced inhibition that transitions to excitation. *iScience*, 28(7), 112920.

Pearl AJ, et al. (2025) Midbrain ghrelin receptor signalling regulates binge drinking in a sex specific manner. *Nature communications*, 16(1), 2568.

Chakraborty P, et al. (2025) Meal scheduling corrects obesogenic diet induced-uncoupling of cortico-hippocampal activities supporting memory. *EBioMedicine*, 117, 105783.

Manjila SB, et al. (2025) Brain-wide connectivity and novelty response of the dorsal endopiriform nucleus in mice. *Cell reports*, 44(7), 115827.

De Ponti FF, et al. (2025) Spatially restricted and ontogenically distinct hepatic macrophages are required for tissue repair. *Immunity*, 58(2), 362.

Tan J, et al. (2025) Placode and neural crest origins of congenital deafness in mouse models of Waardenburg-Shah syndrome. *iScience*, 28(1), 111680.

Zhao X, et al. (2025) Short-term social isolation acts on hypothalamic neurons to promote social behavior in a sex- and context-dependent manner. *eLife*, 13.

Shi Y, et al. (2025) Oncogenic fusions converge on shared mechanisms in initiating astroblastoma. *Nature*, 643(8071), 551.

Termote M, et al. (2025) Antigen affinity and site of immunization dictate B cell recall responses. *Cell reports*, 44(1), 115221.

Godschall EN, et al. (2025) A Brain Reward Circuit Inhibited By Next-Generation Weight Loss Drugs. *bioRxiv* : the preprint server for biology.

Pi D, et al. (2025) Resolving the design principles that control post-natal vascular growth and scaling. *Cell systems*, 16(7), 101324.

Chen P, et al. (2025) Pyroptosis of periodontal ligament stem cells aggravates periodontitis via Piezo1 channel. *iScience*, 28(5), 112395.