

Resource Summary Report

Generated by ASWG on Jul 30, 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: 20260725T044416+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 [ASWG](#) .

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

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

Golbabaei A, et al. (2026) PV-dependent reorganization of prelimbic 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.

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.

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

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.

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

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??a Novo D, et al. (2025) Cortical dynamics in hand/forelimb S1 and M1 evoked by brief photostimulation of the mouse's hand. *eLife*, 14.

Orlin DJ, et al. (2025) Targeting Tmem63b and Piezo2 in C-fiber low threshold mechanoreceptor: limitation of Vglut3-IRES-Cre. *bioRxiv* : the preprint server for biology.

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.

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

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

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

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

Shi L, et al. (2025) Identification of novel macrophages and bone morphogenetic protein signals causing ectopic calcification and impairing muscle regeneration. *iScience*, 28(7), 112841.