

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 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: 20260808T050909+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 1131 mentions in open access literature.

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

Godale CM, et al. (2026) Cell-Intrinsic Regulation of Epilepsy-Associated Pathology by mTORC1 and mTORC2. The Journal of neuroscience : the official journal of the Society for Neuroscience, 46(17).

Zhu Z, et al. (2026) A neurovascular survival axis for adult sympathetic neurons. Neuron.

Stein P, et al. (2026) Beware of your "oocyte specific" Cre line: somatic cell Cre expression in several Zp3-Cre lines and the Gdf9-iCre transgenic line†. Biology of reproduction.

Jackson CR, et al. (2026) Defining a Midgestational Window for In Utero Genome Editing of the Fetal Murine Cortex. bioRxiv : the preprint server for biology.

Abitbol JM, et al. (2026) Dual mechanisms of supporting cell regeneration in the neonatal mouse cochlea. iScience, 29(3), 115113.

de Sousa AF, et al. (2026) The prefrontal cortex controls memory organization in the hippocampus. Nature neuroscience, 29(5), 1191.

Munguba H, et al. (2026) Mechanism-guided identification of antidepressant G protein-coupled receptor drug targets. Cell, 189(9), 2612.

Lu IL, et al. (2026) Hypoxia-inducible factor signaling regulates embryonic interneuron development, GRIN2B expression and adult cortical function. Developmental cell, 61(4), 773.

Goral RO, et al. (2026) Mesoscopic analysis of GABAergic marker expression in acetylcholine neurons in the whole mouse brain. iScience, 29(1), 114531.

Karakousi T, et al. (2026) IFN γ -dependent metabolic reprogramming restrains an immature, pro-metastatic lymphatic state in melanoma. Cancer cell, 44(4), 792.

- Haenraets K, et al. (2026) GABAergic Gbx1 neurons of the superficial dorsal horn are critical elements of a spinal circuit for stress-induced analgesia. *Neuron*, 114(12), 2221.
- Roueinfar M, et al. (2026) Region and Cell-Selective Induction of Zbtb16/Plzf by Multiple Stressors in the Adult Murine Hypothalamus. *The European journal of neuroscience*, 63(6), e70454.
- Daste S, et al. (2026) Projection-specific routing of odor information in the olfactory cortex. *Current biology : CB*, 36(11), 2890.
- Kosasih T, et al. (2026) Skin-derived G-CSF activates pathological granulopoiesis upon psoriasis. *EMBO molecular medicine*, 18(7), 2777.
- Keith YH, et al. (2026) CSF1R-dependent CD169-positive macrophages locally constrain melanoma growth in the skin. *The Journal of experimental medicine*, 223(7).
- Raymundo JR, et al. (2026) KCTD1/KCTD15 complexes repress AP-2 α and AP-2 β to regulate neural crest-dependent craniofacial morphogenesis and scalp skin development. *The Journal of investigative dermatology*.
- Li SJ, et al. (2026) A disinhibitory basal forebrain-to-cortex projection supports sustained attention. *Cell*, 189(13), 4140.
- Schuster VP, et al. (2026) Self-antigen disrupts cDC1 mediated antitumor responses. *bioRxiv : the preprint server for biology*.
- Bissen D, et al. (2026) Ethological learning during the critical period resets synaptic setpoints in mouse binocular visual cortex. *Neuron*.
- Hill RZ, et al. (2026) Renal PIEZO2 is an essential regulator of renin. *Cell*, 189(1), 161.