

# Resource Summary Report

Generated by [kravitz2](#) on Sep 6, 2026

## B6.Cg-Gt(ROSA)26Sor<sup>tm14</sup>(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>

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**Description:** Mus musculus with name B6.Cg-Gt(ROSA)26Sor<sup>tm14</sup>(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<sup>tm14</sup>(CAG-tdTomato)Hze/J

**Record Creation Time:** 20250513T053704+0000

**Record Last Update:** 20260905T044448+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<sup>tm14</sup>(CAG-tdTomato)Hze/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 1131 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

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

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 $\gamma$ -dependent metabolic reprogramming restrains an immature, pro-metastatic lymphatic state in melanoma. *Cancer cell*, 44(4), 792.

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

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.

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).

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.

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*.

Daste S, et al. (2026) Projection-specific routing of odor information in the olfactory cortex. *Current biology : CB*, 36(11), 2890.

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*.

Keith YH, et al. (2026) CSF1R-dependent CD169-positive macrophages locally constrain melanoma growth in the skin. *The Journal of experimental medicine*, 223(7).

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

Li SJ, et al. (2026) A disinhibitory basal forebrain-to-cortex projection supports sustained attention. *Cell*, 189(13), 4140.

Raymundo JR, et al. (2026) KCTD1/KCTD15 complexes repress AP-2 $\gamma$  and AP-2 $\delta$  to regulate neural crest-dependent craniofacial morphogenesis and scalp skin development. *The Journal of investigative dermatology*.

Kosasih T, et al. (2026) Skin-derived G-CSF activates pathological granulopoiesis upon psoriasis. *EMBO molecular medicine*, 18(7), 2777.

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

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*.

Guldner IH, et al. (2026) Ageing promotes microglial accumulation of slow-degrading synaptic proteins. *Nature*, 650(8103), 930.