

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

B6;129S6-Gt(ROSA)26Sor^{tm14}(CAG-tdTomato)Hze/J

RRID:IMSR_JAX:007908

Type: Organism

Proper Citation

RRID:IMSR_JAX:007908

Organism Information

URL: <https://www.jax.org/strain/007908>

Proper Citation: RRID:IMSR_JAX:007908

Description: Mus musculus with name B6;129S6-Gt(ROSA)26Sor^{tm14}(CAG-tdTomato)Hze/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |gene trap ROSA 26; Philippe Soriano; mutant stock: |Gt(ROSA)26Sor

Affected Gene: |gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 14; Hongkui Zeng

Catalog Number: JAX:007908

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S6-Gt(ROSA)26Sor^{tm14}(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;129S6-Gt(ROSA)26Sor^{tm14(CAG-tdTomato)Hze/J}.

No alerts have been found for B6;129S6-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 514 mentions in open access literature.

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

Schiff H, et al. (2026) Postnatal Development of Pyramidal Neurons Excitability and Synaptic Inputs in Mouse Gustatory Cortical Circuits. *eNeuro*, 13(4).

Zhang J, et al. (2026) A stress-activated neuronal ensemble in the supramammillary nucleus produces anxiety-like behavior in male mice. *eLife*, 14.

Glovaci I, et al. (2026) Sparsification and decorrelation of granule cell activity in the dentate gyrus by noradrenaline. *Communications biology*, 9(1).

Ghassib I, et al. (2026) Region- and Compartment-Specific Elevation of Bone Mass in Mice Following Tsc1 Deletion in 8-kb Dmp1-Cre-Expressing Cells. *Calcified tissue international*, 117(1).

Minbashi Moeini M, et al. (2026) Topiramate Enhances GABAergic Tone to Orexigenic Neuropeptide Y/Agouti-Related Peptide (NPY/AgRP) Neurons. *Obesity (Silver Spring, Md.)*, 34(1), 175.

Moore ST, et al. (2026) Multiplexed lipid nanoparticle barcoding reveals tissue-dynamic kinetic insights and enriched cellular tropism in hepatic zones. *Nature communications*, 17(1), 1345.

Dai J, et al. (2026) Glia-derived VCAM1 promotes glioma progression. *Frontiers in oncology*, 16, 1802953.

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*.

Li Z, et al. (2026) The medial orbitofrontal cortex mediates neuropathic pain and anxiodepressive-like behaviors via two distinct pathways. *The journal of headache and pain*, 27(1).

Li J, et al. (2026) Directional guidance to orient Schwann cell alignment in nerve regeneration requires Plexin-B1. *Science advances*, 12(17), eadw4136.

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

Li Z, et al. (2026) Mechanical movements generated by movable lipids break endosomal barriers for enhanced mRNA therapeutics. *Science advances*, 12(27), eaef1695.

Bassett TE, et al. (2026) Hippocampal CA2 modulates trace fear conditioning through circuit-specific control of CA1. *bioRxiv : the preprint server for biology*.

Yang SY, et al. (2026) TWIK-1 plays distinct roles in spinal and peripheral sensory circuits controlling mechanical sensitivity and neuropathic hypersensitivity. *Signal transduction and targeted therapy*, 11(1).

Shi J, et al. (2026) A Novel Long-range Excitatory Neural Circuit from the Magnocellular Red Nucleus to Spinal Dorsal Horn Facilitates Neuropathic Pain-like Behaviors in Male Mice. *Neuroscience bulletin*, 42(6), 1311.

Adank DN, et al. (2026) Insular Somatostatin Interneurons Are Targeted by Motor Cortex Efferents and Modulate Affective States. *Biological psychiatry global open science*, 6(4), 100728.

Chen K, et al. (2026) Astrocytic PERK Deficiency Drives Prefrontal Circuit Dysfunction and Depressive-Like Behaviors. *Advanced science (Weinheim, Baden-Wurtemberg, Germany)*, 13(9), e10780.

Foot AG, et al. (2026) A non-canonical role of Myc in programming basal cells as sentinels of upper airway immunity during influenza infection. *bioRxiv : the preprint server for biology*.

Khouma A, et al. (2026) Galanin Inhibits Histaminergic Neurons via Galanin Receptor 1. *eNeuro*, 13(2).

Chen M, et al. (2026) Hypoactivity, abnormal development of dendrites relevant to impaired synaptic transmission of calretinin-expressing interneurons in the medial prefrontal cortex underlies social deficits of mouse model in autism. *Translational psychiatry*, 16(1).