

Resource Summary Report

Generated by [dkNET](#) on Jul 28, 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: 20260725T044416+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 477 mentions in open access literature.

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

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.

Pena-Ortiz MA, et al. (2026) Astrocytic Chromatin Remodeler ATRX Gates Hippocampal Memory Consolidation Through Metabolic and Synaptic Regulation. *Glia*, 74(1), e70098.

Fang F, et al. (2025) Hedgehog signaling directs cell differentiation and plays a critical role in tendon enthesis healing. *NPJ Regenerative medicine*, 10(1), 3.

Ge X, et al. (2025) In Vivo Cytosolic Delivery of Biomolecules into Neurons for Super-Resolution Imaging and Genome Modification. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(25), e2501033.

Rakela B, et al. (2025) Integration of Transplanted Interneurons Over a New Period of Ocular Dominance Plasticity in Adult Visual Cortex. *bioRxiv : the preprint server for biology*.

Banda O, et al. (2025) Restoring hematopoietic stem and progenitor cell function in *Fancd*^{-/-} mice by in situ delivery of RNA lipid nanoparticles. *Molecular therapy. Nucleic acids*, 36(1), 102423.

Patton MH, et al. (2025) Schizophrenia-associated 22q11.2 deletion elevates striatal acetylcholine and disrupts thalamostriatal projections to produce amotivation in mice. *bioRxiv : the preprint server for biology*.

Amato E, et al. (2025) Tracing Early Migratory Neurons in the Developing Nose Using Contactin-2 (Cnfn2) CreERT2. *Genesis* (New York, N.Y. : 2000), 63(4), e70021.

Pareja J, et al. (2025) Lack of junctional adhesion molecule (JAM)-B traps CD8 T cells in CNS border zones and ameliorates autoimmune neuroinflammation. *Acta neuropathologica communications*, 13(1), 117.

Fan Z, et al. (2025) The crosstalk of monocyte-neutrophil in hair follicles regulates neutrophil transepidermal migration in contact dermatitis. *Communications biology*, 8(1), 564.

Zhou S, et al. (2025) A midbrain circuit mechanism for noise-induced negative valence coding. *Nature communications*, 16(1), 4610.

Wu Y, et al. (2025) Presynaptic Mu Opioid Receptors Suppress the Functional Connectivity of Ventral Tegmental Area Dopaminergic Neurons with Aversion-Related Brain Regions. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(28).

Abbas AM, et al. (2025) Gastrointestinal delivery of mRNA lipid nanoparticles selectively targets the pancreas. *bioRxiv : the preprint server for biology*.

Xiao SA, et al. (2025) Concerted actions of distinct serotonin neurons orchestrate female pup care behavior. *Research square*.

Gentry K, et al. (2025) Glycolipid nanoparticles target the spleen and detarget the liver without charge. *Proceedings of the National Academy of Sciences of the United States of America*, 122(45), e2409569122.

Qiao Z, et al. (2025) Targeted Intracellular Delivery via Precision Programming of ARRDC1-Mediated Microvesicles. *Journal of extracellular vesicles*, 14(12), e70199.

Heldman R, et al. (2025) Time or distance encoding by hippocampal neurons via heterogeneous ramping rates. *Nature communications*, 16(1), 11083.

Bai HH, et al. (2025) RIN1 regulates developmental and pain-related plasticity in spinal synapses via NMDA receptor subunit trafficking. *PLoS biology*, 23(12), e3003516.

Zhou J, et al. (2025) Dual lineage origins contribute to neocortical astrocyte diversity. *Nature communications*, 16(1), 6992.

Yonk AJ, et al. (2025) Role of posterior medial thalamus in the modulation of striatal circuitry and choice behavior. *eLife*, 13.