

Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

B6.Cg-Gt(ROSA)26Sor^{tm65.2(CAG-tdTomato)Hze/J}

RRID:IMSR_JAX:032864

Type: Organism

Proper Citation

RRID:IMSR_JAX:032864

Organism Information

URL: <https://www.jax.org/strain/032864>

Proper Citation: RRID:IMSR_JAX:032864

Description: Mus musculus with name B6.Cg-Gt(ROSA)26Sor^{tm65.2(CAG-tdTomato)Hze/J} from IMSR.

Species: Mus musculus

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

Affected Gene: gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 65.2; Hongkui Zeng

Catalog Number: JAX:032864

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Gt(ROSA)26Sor^{tm65.2(CAG-tdTomato)Hze/J}

Record Creation Time: 20250513T053831+0000

Record Last Update: 20260912T060605+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Gt(ROSA)26Sor^{tm65.2}(CAG-tdTomato)Hze/J.

No alerts have been found for B6.Cg-Gt(ROSA)26Sor^{tm65.2}(CAG-tdTomato)Hze/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

de Sousa LMM, et al. (2026) Loss of GABAergic transmission from somatostatin neurons leads to starvation, which is attenuated by a palatable diet. *Life sciences*, 398, 124455.

Nua T, et al. (2026) In vitro and in vivo characterization of a novel HSV-1 H129 neurotracer recombinant reveals dose-dependent replication and spread dynamics. *Journal of virology*, e0202125.

Chen C, et al. (2026) WTR: A Toolkit for Functional Anterograde Transsynaptic Circuit Mapping. *bioRxiv : the preprint server for biology*.

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

Neri D, et al. (2026) Distinct sympathetic projections to brown fat regulate thermogenesis and glucose tolerance. *Nature metabolism*, 8(2), 313.

Oldre EN, et al. (2025) Regulation of perisomatic synapses from cholecystokinin basket interneurons through NrCAM and Ankyrin B. *Current research in neurobiology*, 8, 100150.

Mendelsohn AI, et al. (2025) Segregated basal ganglia output pathways correspond to genetically divergent neuronal subclasses. *Cell reports*, 44(4), 115454.

Zha X, et al. (2025) Estrogen signaling in the ventromedial hypothalamus is required for the development of aggression circuitry in male mice. *Current biology : CB*, 35(11), 2684.

Chapman PD, et al. (2025) A brain-wide map of descending inputs onto spinal V1 interneurons. *Neuron*, 113(4), 524.

Hunker AC, et al. (2025) Enhancer AAV toolbox for accessing and perturbing striatal cell types and circuits. *Neuron*, 113(10), 1507.

Ries C, et al. (2025) Neuropeptide CRH prevents premature differentiation of OPCs following CNS injury and in early postnatal development. *Cell reports*, 44(11), 116474.

Galvan M, et al. (2025) Development and Characterization of a Sf-1-Flp Mouse Model. bioRxiv : the preprint server for biology.

Gusmao DO, et al. (2024) Characterization and Regulation of the Neonatal Growth Hormone Surge. *Endocrinology*, 165(12).

Huang S, et al. (2024) Neurogliaform Cells Exhibit Laminar-specific Responses in the Visual Cortex and Modulate Behavioral State-dependent Cortical Activity. *Research square*.

Düdükcü Ö, et al. (2024) Molecular diversity and migration of GABAergic neurons in the developing ventral midbrain. *iScience*, 27(11), 111239.

Huang S, et al. (2024) Neurogliaform Cells Exhibit Laminar-specific Responses in the Visual Cortex and Modulate Behavioral State-dependent Cortical Activity. bioRxiv : the preprint server for biology.

Moyon S, et al. (2023) Neural stem cells and oligodendrocyte progenitor cells compete for remyelination in the corpus callosum. *Frontiers in cellular neuroscience*, 17, 1114781.

Patil MJ, et al. (2023) A Novel Flp Reporter Mouse Shows That TRPA1 Expression Is Largely Limited to Sensory Neuron Subsets. *eNeuro*, 10(12).

Cummings KA, et al. (2022) Control of fear by discrete prefrontal GABAergic populations encoding valence-specific information. *Neuron*, 110(18), 3036.

Pereira Luppi M, et al. (2021) Sox6 expression distinguishes dorsally and ventrally biased dopamine neurons in the substantia nigra with distinctive properties and embryonic origins. *Cell reports*, 37(6), 109975.