Resource Summary Report

Generated by T1D on Sep 20, 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: 20260919T055015+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 T1D .

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.