

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

B6;129S-Gt(ROSA)26Sor^{tm65.1(CAG-tdTomato)Hze/J}

RRID:IMSR_JAX:021875

Type: Organism

Proper Citation

RRID:IMSR_JAX:021875

Organism Information

URL: <https://www.jax.org/strain/021875>

Proper Citation: RRID:IMSR_JAX:021875

Description: Mus musculus with name B6;129S-Gt(ROSA)26Sor^{tm65.1(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 65.1; Hongkui Zeng

Catalog Number: JAX:021875

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;129S-Gt(ROSA)26Sor^{tm65.1(CAG-tdTomato)Hze/J}

Record Creation Time: 20250513T053744+0000

Record Last Update: 20260725T044451+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-Gt(ROSA)26Sor^{tm65.1(CAG-tdTomato)Hze/J}.

No alerts have been found for B6;129S-Gt(ROSA)26Sor^{tm65.1(CAG-tdTomato)Hze/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 70 mentions in open access literature.

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

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.

Komal R, et al. (2026) ipRGC properties prevent light from shifting the SCN clock during daytime. Nature.

Goltash S, et al. (2025) An optogenetic mouse model of hindlimb spasticity after spinal cord injury. Experimental neurology, 386, 115157.

Lezgiyeva K, et al. (2025) Fast-conducting mechanonociceptors uniquely engage reflexive and affective pain circuitry to drive protective responses. bioRxiv : the preprint server for biology.

Virlogeux A, et al. (2025) The dorsal column nuclei encode and transmit the network signatures of mechanical allodynia. Cell reports, 44(9), 116248.

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

Upadhyay A, et al. (2025) The dorsal column nuclei scale mechanical sensitivity in naive and neuropathic pain states. Cell reports, 44(4), 115556.

Bright AR, et al. (2025) Temporal control of progenitor competence shapes maturation in GABAergic neuron development in mice. Nature neuroscience, 28(8), 1663.

Yao M, et al. (2025) The spinal premotor network driving scratching flexor and extensor alternation. Cell reports, 44(6), 115845.

Cheung JF, et al. (2025) Distinct T cell functions enable efficient immunoediting and prevent tumor emergence of developing sarcomas. Cancer cell, 43(12), 2311.

Toscano E, et al. (2025) A spinal circuit for skilled locomotion. *Current biology : CB*, 35(20), 5048.

Cai Y, et al. (2024) Embryonic origins of forebrain oligodendrocytes revisited by combinatorial genetic fate mapping. *eLife*, 13.

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

Gradwell MA, et al. (2024) Multimodal sensory control of motor performance by glycinergic interneurons of the mouse spinal cord deep dorsal horn. *Neuron*.

Lowenstein ED, et al. (2024) Molecular Characterization of Nodose Ganglia Development Reveals a Novel Population of Phox2b+ Glial Progenitors in Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(28).

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*.

Raudales R, et al. (2024) Specific and comprehensive genetic targeting reveals brain-wide distribution and synaptic input patterns of GABAergic axo-axonic interneurons. *eLife*, 13.

Ohman LC, et al. (2024) Deciphering Peripheral Taste Neuron Diversity: Using Genetic Identity to Bridge Taste Bud Innervation Patterns and Functional Responses. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(46).

Deska-Gauthier D, et al. (2024) Embryonic temporal-spatial delineation of excitatory spinal V3 interneuron diversity. *Cell reports*, 43(1), 113635.

Kumari R, et al. (2024) Sympathetic NPY controls glucose homeostasis, cold tolerance, and cardiovascular functions in mice. *Cell reports*, 43(2), 113674.