

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

B6;129S6-Gt(ROSA)26Sor^{tm9}(CAG-tdTomato)Hze/J

RRID:IMSR_JAX:007905

Type: Organism

Proper Citation

RRID:IMSR_JAX:007905

Organism Information

URL: <https://www.jax.org/strain/007905>

Proper Citation: RRID:IMSR_JAX:007905

Description: Mus musculus with name B6;129S6-Gt(ROSA)26Sor^{tm9}(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 9; Hongkui Zeng

Catalog Number: JAX:007905

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S6-Gt(ROSA)26Sor^{tm9}(CAG-tdTomato)Hze/J

Record Creation Time: 20250513T053704+0000

Record Last Update: 20260808T050909+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S6-Gt(ROSA)26Sor^{tm9}(CAG-tdTomato)Hze/J.

No alerts have been found for B6;129S6-Gt(ROSA)26Sor^{tm9}(CAG-tdTomato)Hze/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 345 mentions in open access literature.

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

Jiang X, et al. (2026) Implantation awakens peri-implant osteogenic potential via Snx5-EGFR axis-mediated mechanical transduction. International journal of oral science, 18(1), 18.

Wang J, et al. (2026) ASCL2-mediated macrophage-myofibroblast transition generates immunosuppressive CAF_7 in NSCLC bone metastases. Journal of experimental & clinical cancer research : CR, 45(1).

Negishi S, et al. (2026) Lubricin maintains temporomandibular joint homeostasis by regulating synovial inflammation. Regenerative therapy, 31, 101051.

Guirao-Abad JP, et al. (2026) Pulmonary fibroblast activation during Aspergillus fumigatus infection enhances lung defense via immunomodulation and tissue remodeling. Nature communications, 17(1).

Wu Y, et al. (2026) Myofibroblast lineage mapping and inhibiting subretinal fibrosis by targeting SMAD3 and MRTF pathways via microRNA-24 functional study. bioRxiv : the preprint server for biology.

Xue S, et al. (2026) PDGFR α signaling restrains myocyte function to limit the regenerative capacity of skeletal muscle. The Journal of clinical investigation, 136(4).

He M, et al. (2026) AID and TET2 cooperate to demethylate Irf4 for plasma cell fate in germinal center B cells. The Journal of experimental medicine, 223(6).

Li C, et al. (2026) Oxytocin ameliorates early life stress-induced anxiety-like behavior by normalizing corticotropin-releasing hormone neuron activity in the PVN. iScience, 29(4), 115349.

Cai Y, et al. (2026) Perturb-seq uncovers pathological obstacles to direct cardiac reprogramming in vivo. Cell stem cell, 33(5), 784.

Gutman-Wei AY, et al. (2026) Cell-type-selective synaptogenesis during the development of layer 6 corticothalamic neuron connectivity in the mammalian neocortex. *Cell reports*, 45(1), 116792.

Reddy P, et al. (2026) Parabrachial inputs to the parafascicular thalamus drive sensory and affective-motivational responses to cold-allodynia in mice. *Cell reports*, 45(7), 117581.

Lin Z, et al. (2025) NEXN regulates vascular smooth muscle cell phenotypic switching and neointimal hyperplasia. *JCI insight*, 10(13).

Zhou X, et al. (2025) A modified system to promote stemness of mouse intestinal stem cells by activating Nrf2 and β -adrenergic receptor signaling pathway. *Acta biochimica et biophysica Sinica*, 58(3), 562.

Diao Z, et al. (2025) Transcutaneous auricular vagus nerve stimulation alleviates anxiety-like behaviors in mice with post-traumatic stress disorder by regulating glutamatergic neurons in the anterior cingulate cortex. *Translational psychiatry*, 15(1), 313.

Shen X, et al. (2025) Enhancer-driven Shh signaling promotes glia-to-mesenchyme transition during bone repair. *Bone research*, 13(1), 16.

Delarue Q, et al. (2025) Spinal cord injury alters the therapeutic potential of olfactory ensheathing cells harvested in an autologous transplantation model. *Stem cell research & therapy*, 16(1), 656.

Li Z, et al. (2025) EMB is essential for enteric nervous system development mediated by PI3K signaling. *Genome medicine*, 17(1), 102.

Liu S, et al. (2025) The CCL20-integrin α 5 β 1 interaction enhances TGF- β /Smad signaling to promote fibroblast activation in pulmonary fibrosis. *Nature communications*, 16(1), 9183.

Kooistra T, et al. (2025) Airway basal stem cells are necessary for the maintenance of functional intraepithelial airway macrophages. *Cell reports*, 44(6), 115860.

Hu DJ, et al. (2025) Non-canonical Wnt signaling promotes epithelial fluidization in the repairing airway. *Nature communications*, 16(1), 4124.