

# Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

## B6;129S6-Gt(ROSA)26Sor<sup>tm9</sup>(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>

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**Description:** Mus musculus with name B6;129S6-Gt(ROSA)26Sor<sup>tm9</sup>(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<sup>tm9</sup>(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<sup>tm9</sup>(CAG-tdTomato)Hze/J.

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

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 335 mentions in open access literature.

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

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

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.

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

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.

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

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.

Preston AE, et al. (2025) Ancient genomic linkage of  $\gamma$ -globin and Nprl3 couples metabolism with erythropoiesis. *Nature communications*, 16(1), 2749.

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.

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

Lin Z, et al. (2025) Distinct mammary stem cells orchestrate long-term homeostasis of adult mammary gland. *Cell discovery*, 11(1), 39.

Xu X, et al. (2025) CD34<sup>+</sup> PI16<sup>+</sup> fibroblast progenitors aggravate neointimal lesions of allograft arteries via CCL11/CCR3-PI3K/AKT pathway. *Theranostics*, 15(6), 2523.

Wang M, et al. (2025) Wnt signalling facilitates neuronal differentiation of cochlear Frizzled10-positive cells in mouse cochlea via glypican 6 modulation. *Cell communication and signaling : CCS*, 23(1), 50.

Khadim A, et al. (2025) Protocol for the generation and immunostaining of thick murine lung tissue slices. *STAR protocols*, 6(3), 104034.

Matsumata M, et al. (2025) The habenula-interpeduncular nucleus-median raphe pathway regulates the outcome of social dominance conflicts in mice. *Current biology : CB*, 35(9), 2064.

Khadim A, et al. (2025) Myofibroblasts emerge during alveolar regeneration following influenza-virus-induced lung injury. *Cell reports*, 44(2), 115248.

Moya-Garzon MD, et al. (2025) A  $\beta$ -hydroxybutyrate shunt pathway generates anti-obesity ketone metabolites. *Cell*, 188(1), 175.

Izawa S, et al. (2025) Orexin/hypocretin receptor 2 signaling in MCH neurons regulates REM sleep and insulin sensitivity. *Cell reports*, 44(2), 115277.

Lamorte S, et al. (2025) Lymph node macrophages drive immune tolerance and resistance to cancer therapy by induction of the immune-regulatory cytokine IL-33. *Cancer cell*, 43(5), 955.