Resource Summary Report

Generated by nidm-terms on Jul 29, 2026

B6.129(Cg)-Gt(ROSA)26Sor$^{tm4(ACTB-tdTomato.-EGFP)Luo}$/J

RRID:IMSR_JAX:007676
Type: Organism

Proper Citation

RRID:IMSR_JAX:007676

Organism Information

URL: https://www.jax.org/strain/007676

Proper Citation: RRID:IMSR_JAX:007676

Description: Mus musculus with name B6.129(Cg)-Gt(ROSA)26Sor$^{tm4(ACTB-tdTomato.-EGFP)Luo}$/J from IMSR.

Species: Mus musculus

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

Affected Gene: gene trap ROSA 26; Philippe Soriano|

Genomic Alteration: targeted mutation 4; Liqun Luo

Catalog Number: JAX:007676

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129(Cg)-Gt(ROSA)26Sor$^{tm4(ACTB-tdTomato.-EGFP)Luo}$/J

Record Creation Time: 20250513T053703+0000

Record Last Update: 20260725T044415+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(Cg)-Gt(ROSA)26Sor tm4(ACTB-tdTomato.-EGFP)Luo/J.

No alerts have been found for B6.129(Cg)-Gt(ROSA)26Sor$^{tm4(ACTB-tdTomato.-EGFP)Luo}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 320 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Iyyanar PPR, et al. (2026) Cse1l is critical for cell survival, craniofacial and cardiac development. Developmental biology, 530, 188.

Huber J, et al. (2026) The Sh3Pxd2bnee-/- mouse: an attractive model unveiling novel developmental features in Frank-ter-Haar Syndrome. Development (Cambridge, England).

Mahmoud W, et al. (2025) Differential expression of villin and advillin by neuroendocrine and tuft cells in the murine lower airways. Cell and tissue research.

Shafer AM, et al. (2025) Immunocompetent Murine Models Recapitulate the Heterogeneous Tumor-Immune Microenvironment of Human Liposarcoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(23), 5078.

Faust TE, et al. (2025) Microglia-astrocyte crosstalk regulates synapse remodeling via Wnt signaling. Cell.

Zhang Y, et al. (2025) Neurons sequester the cholesterol-inhibiting TFEB in oligodendrocyte cytoplasm to safeguard myelination and neural function. Cell reports, 44(9), 116252.

Romay MC, et al. (2025) Region-specific gene expression and sex inform about disease susceptibility in the aorta. Nature cardiovascular research, 4(9), 1152.

Sendra M, et al. (2025) Myocardium and endocardium of the early mammalian heart tube arise from independent multipotent lineages specified at the primitive streak. Developmental cell.

Kaplan MM, et al. (2025) Mesenchymal Meis2 controls whisker development independently from trigeminal sensory innervation. eLife, 13.

Greicius G, et al. (2025) Telocytes deliver essential Wnts directly to murine intestinal stem cells via synapse-like contacts. Developmental cell.

Haro-Acosta V, et al. (2025) LMO2 regulates epithelial-mesenchymal plasticity of mammary epithelial cells. Research square.

Li ZK, et al. (2025) Adult bi-paternal offspring generated through direct modification of imprinted genes in mammals. Cell stem cell, 32(3), 361.

Lombroso SI, et al. (2025) Microglia replacement by peripheral delivery of CSF1R inhibitor-resistant hematopoietic cells. Molecular therapy : the journal of the American Society of Gene Therapy.

Haro-Acosta V, et al. (2025) LMO2 regulates epithelial-mesenchymal plasticity of mammary epithelial cells. bioRxiv : the preprint server for biology.

Allen RS, et al. (2025) Ear pinna growth and differentiation is conserved in murids and requires BMP signaling for chondrocyte proliferation. Development (Cambridge, England), 152(3).

Zhu S, et al. (2025) Fine-tuning of Wnt signaling by RNA surveillance factor Smg5 in the mouse craniofacial development. iScience, 28(3), 111972.

Rivera-Gonzalez GC, et al. (2025) Comparative single-cell lineage tracing identifies distinct adipocyte precursor dynamics in skin and inguinal fat. Cell stem cell, 32(8), 1267.

Zhu Q, et al. (2025) Procr+ chondroprogenitors sense mechanical stimuli to govern articular cartilage maintenance and regeneration. Cell.

Zawieja SD, et al. (2025) Cellular characterization of the mouse collecting lymphatic vessels reveals that lymphatic muscle cells are the innate pacemaker cells. eLife, 12.

Gadek KE, et al. (2025) Transdifferentiation of endothelial progenitor cells into rhabdomyosarcoma defined by hedgehog signaling competence. Cell reports, 44(10), 116339.