

Resource Summary Report

Generated by [NIF](#) on Aug 30, 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: 20260829T045002+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 337 mentions in open access literature.

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

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).

Xu Y, et al. (2026) Glutamine metabolism tunes myeloid responses to drive resolution of inflammation during skin repair. Cell reports, 45(3), 117001.

Yao B, et al. (2026) Divergent tumor immunity determined by bacteria-cancer cell engagement. Cell, 189(6), 1748.

Acosta VH, et al. (2026) LMO2 Regulates Epithelial-Mesenchymal Plasticity of Mammary Epithelial Cells. Journal of mammary gland biology and neoplasia, 31(1).

Nemati S, et al. (2026) Therapeutic reactivation of hippocampal progenitors reverse cognition decline in mice with progressive brain demyelination. Stem cell reports, 21(5), 102896.

Sharan R, et al. (2026) Planar cell polarity-directed cell crawling drives polarized epithelial morphogenesis. Current biology : CB, 36(14), 3446.

Pérez-Verdugo F, et al. (2026) Mechanosensitive feedback organizes cell shape and motion during hindbrain neuropore morphogenesis. Current biology : CB, 36(8), 1903.

Salem AR, et al. (2026) Loss of the Coronary Artery Disease Risk Gene Leiomodin1 in Vascular Smooth Muscle Cells Triggers Rapid Onset Coronary Atherosclerosis. bioRxiv : the preprint server for biology.

Yue S, et al. (2026) Expansion and CAR engineering of granulocyte-monocyte progenitors for cellular immunotherapy. Cell.

McKimpson WM, et al. (2026) Activation of a Yap1-mesenchymal-like program in β -cells during diabetes. *Cell reports*, 45(7), 117596.

Griffin MF, et al. (2026) Fibroblasts of disparate developmental origins harbor anatomically variant scarring potential. *Cell*, 189(3), 783.

Tomassoni-Ardori F, et al. (2026) BRAF V600E Expression in c-Kit⁺ Interstitial Cells of Cajal Drives Gastrointestinal Stromal Tumor Formation in Mice. *Cancer research communications*, 6(3), 557.

Silva S, et al. (2026) Western diet suppresses canonical intestinal stem cells and reprograms c-Kit⁺ reserve stem cells via proinflammatory dysbiosis. *bioRxiv : the preprint server for biology*.

Reid L, et al. (2026) Neuronal expression of Retinoid-Related Orphan Receptor Gamma (ROR γ) and revisiting its role in the Central Nervous System. *bioRxiv : the preprint server for biology*.

Petrova TV, et al. (2026) Eosinophils promote a second wave of postnatal smooth muscle differentiation in intestinal villi. *The Journal of cell biology*, 225(7).

Feng JX, et al. (2026) Single-cell lineage tracing identifies hemogenic endothelial cells in the adult mouse bone marrow. *eLife*, 15.

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.

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