

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

STOCK Gt(ROSA)26Sor^{tm4}(ACTB-tdTomato.-EGFP)Luo/J

RRID:IMSR_JAX:007576

Type: Organism

Proper Citation

RRID:IMSR_JAX:007576

Organism Information

URL: <https://www.jax.org/strain/007576>

Proper Citation: RRID:IMSR_JAX:007576

Description: Mus musculus with name STOCK Gt(ROSA)26Sor^{tm4}(ACTB-tdTomato.-EGFP)Luo/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 4; Liqun Luo

Catalog Number: JAX:007576

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

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

Record Creation Time: 20250513T053702+0000

Record Last Update: 20260801T050405+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Gt(ROSA)26Sor^{tm4}(ACTB-tdTomato.-EGFP)Luo/J.

No alerts have been found for STOCK 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 184 mentions in open access literature.

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

Spencer PN, et al. (2025) Pathobiont-triggered induction of epithelial IDO1 drives regional susceptibility to Inflammatory Bowel Disease. bioRxiv : the preprint server for biology.

Anbarci DN, et al. (2025) Rediscovering the rete ovarii, a secreting auxiliary structure to the ovary. eLife, 13.

Ye H, et al. (2025) Distinct fibroblast assemblies establish scarless regeneration. Cell reports, 45(1), 116767.

Kong W, et al. (2025) Neuroendocrine cells orchestrate regeneration through Desert hedgehog signaling. Cell, 188(18), 5020.

Lin J, et al. (2025) A microbial amino-acid-conjugated bile acid, tryptophan-cholic acid, improves glucose homeostasis via the orphan receptor MRGPREE. Cell, 188(17), 4530.

Marchand T, et al. (2025) Periosteal skeletal stem cells can migrate into the bone marrow and support hematopoiesis after injury. eLife, 13.

Sanchez-Vasquez E, et al. (2025) HIF1A-mediated pathways promote euploid cell survival in chromosomally mosaic embryos. eLife, 13.

Chandramohan D, et al. (2025) Dual role of Oct4 and Sox2 in controlling the developmental capacity and timing of tissue morphogenesis in the embryonic lineage. Developmental cell.

Chen H, et al. (2025) Intermittent fasting triggers interorgan communication to suppress hair follicle regeneration. Cell, 188(1), 157.

Wen H, et al. (2025) A spatiotemporal cell atlas of cardiopulmonary progenitor cell allocation during development. Cell reports, 44(4), 115513.

Sirek JM, et al. (2025) Generation of a conditional Adamts6 mouse allele reveals roles in lung maturation in addition to cardiac and musculoskeletal development. Matrix biology

plus, 28, 100186.

Chioccioli M, et al. (2024) Stem cell migration drives lung repair in living mice. *Developmental cell*.

Lan Q, et al. (2024) Mesenchyme instructs growth while epithelium directs branching in the mouse mammary gland. *eLife*, 13.

Kloosterman DJ, et al. (2024) Protocol for studying macrophage lipid crosstalk with murine tumor cells. *STAR protocols*, 5(4), 103421.

Linneberg-Agerholm M, et al. (2024) The primitive endoderm supports lineage plasticity to enable regulative development. *Cell*, 187(15), 4010.

Menche C, et al. (2024) ZEB1-mediated fibroblast polarization controls inflammation and sensitivity to immunotherapy in colorectal cancer. *EMBO reports*, 25(8), 3406.

Dingwall HL, et al. (2024) Sweat gland development requires an eccrine dermal niche and couples two epidermal programs. *Developmental cell*, 59(1), 20.

Soro-Arnáiz I, et al. (2024) GLUD1 determines murine muscle stem cell fate by controlling mitochondrial glutamate levels. *Developmental cell*, 59(21), 2850.

Kozlowski C, et al. (2024) Retinal neurons establish mosaic patterning by excluding homotypic somata from their dendritic territories. *Cell reports*, 43(8), 114615.

Ing-Esteves S, et al. (2024) Gamma-protocadherins regulate dendrite self-recognition and dynamics to drive self-avoidance. *Current biology : CB*, 34(18), 4224.