Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

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: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:7676

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

Record Creation Time: 20230509T193254+0000

Record Last Update: 20240104T174917+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: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 293 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Hall ET, et al. (2024) Cytoneme signaling provides essential contributions to mammalian tissue patterning. Cell, 187(2), 276.

Poscablo DM, et al. (2024) An age-progressive platelet differentiation path from hematopoietic stem cells causes exacerbated thrombosis. Cell, 187(12), 3090.

Warren R, et al. (2024) Cell competition drives bronchiolization and pulmonary fibrosis. Research square.

Yang SH, et al. (2024) Activated dormant stem cells recover spermatogenesis in chemoradiotherapy-induced infertility. Cell reports, 43(8), 114582.

Mihlan M, et al. (2024) Neutrophil trapping and nexocytosis, mast cell-mediated processes for inflammatory signal relay. Cell, 187(19), 5316.

Levy EW, et al. (2024) A tug-of-war between germ cell motility and intercellular bridges controls germline cyst formation in mice. Current biology : CB, 34(24), 5728.

Perrin S, et al. (2024) Single-nucleus transcriptomics reveal the differentiation trajectories of periosteal skeletal/stem progenitor cells in bone regeneration. eLife, 13.

Herms A, et al. (2024) Self-sustaining long-term 3D epithelioid cultures reveal drivers of clonal expansion in esophageal epithelium. Nature genetics, 56(10), 2158.

Kim B, et al. (2024) CRACD loss induces neuroendocrine cell plasticity of lung adenocarcinoma. Cell reports, 43(6), 114286.

Subramani PG, et al. (2024) Conserved role of hnRNPL in alternative splicing of epigenetic modifiers enables B cell activation. EMBO reports, 25(6), 2662.

Mohr ME, et al. (2024) Cardiomyocyte-fibroblast interaction regulates ferroptosis and fibrosis after myocardial injury. iScience, 27(3), 109219.

Sandor LF, et al. (2024) De novo steroidogenesis in tumor cells drives bone metastasis and osteoclastogenesis. Cell reports, 43(3), 113936.

Zhao R, et al. (2024) Sustained amphiregulin expression in intermediate alveolar stem cells drives progressive fibrosis. Cell stem cell, 31(9), 1344.

Collins BC, et al. (2024) Three-dimensional imaging studies in mice identify cellular dynamics of skeletal muscle regeneration. Developmental cell, 59(11), 1457.

Jimenez-Cyrus D, et al. (2024) Molecular cascade reveals sequential milestones underlying hippocampal neural stem cell development into an adult state. Cell reports, 43(6), 114339.

Ren SY, et al. (2024) Growth hormone promotes myelin repair after chronic hypoxia via triggering pericyte-dependent angiogenesis. Neuron, 112(13), 2177.

Zhang S, et al. (2024) Jawbone periosteum-derived cells with high osteogenic potential controlled by R-spondin 3. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(19), e70079.

Glaser KM, et al. (2024) Arp2/3 complex and the pentose phosphate pathway regulate late phases of neutrophil swarming. iScience, 27(1), 108656.

Liu C, et al. (2024) Niche inflammatory signals control oscillating mammary regeneration and protect stem cells from cytotoxic stress. Cell stem cell, 31(1), 89.

Huycke TR, et al. (2024) Patterning and folding of intestinal villi by active mesenchymal dewetting. Cell, 187(12), 3072.