Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

B6.129X1-Gt(ROSA)26Sor$^{tm1(EYFP)Cos}$/J

RRID:IMSR_JAX:006148
Type: Organism

Proper Citation

RRID:IMSR_JAX:006148

Organism Information

URL: https://www.jax.org/strain/006148

Proper Citation: RRID:IMSR_JAX:006148

Description: Mus musculus with name B6.129X1-Gt(ROSA)26Sor$^{tm1(EYFP)Cos}$/J from IMSR.

Species: Mus musculus

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

Affected Gene: gene trap ROSA 26; Philippe Soriano|

Genomic Alteration: targeted mutation 1; Frank Costantini

Catalog Number: JAX:006148

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129X1-Gt(ROSA)26Sor$^{tm1(EYFP)Cos}$/J

Record Creation Time: 20250513T053655+0000

Record Last Update: 20260725T044406+0000

Ratings and Alerts

- Used for genotyping by the Human Islet Research Network community. Contact(s): Douglas Melton - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for B6.129X1-Gt(ROSA)26Sor$^{tm1(EYFP)Cos}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 317 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Feetham CH, et al. (2026) Analog of prolactin-releasing peptide reduces body weight primarily through sustained fatty acid oxidation rather than hypophagia. Cell metabolism, 38(1), 100.

Cook SG, et al. (2026) Psilocybin induces sex- and context-specific recruitment of the stress axis. Current biology : CB, 36(1), 122.

Bastos J, et al. (2025) Monocytes can efficiently replace all brain macrophages and fetal liver monocytes can generate bona fide SALL1+ microglia. Immunity, 58(5), 1269.

Cho WH, et al. (2025) PRC2 Restricts Malignant Peripheral Nerve Sheath Tumorigenesis in a Genetically Engineered Mouse Model of MPNST. bioRxiv : the preprint server for biology.

Novak JSS, et al. (2025) The integrated stress response fine-tunes stem cell fate decisions upon serine deprivation and tissue injury. Cell metabolism, 37(8), 1715.

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

Sahu P, et al. (2025) Mechanical control of cell fate decisions in the skin epidermis. Nature communications, 16(1), 8440.

Petry P, et al. (2025) Early microglia progenitors colonize the embryonic CNS via integrin-mediated migration from the pial surface. Developmental cell.

Lozovska A, et al. (2025) Tgfbr1 regulates lateral plate mesoderm and endoderm reorganization during the trunk to tail transition. eLife, 13.

Lehtonen H, et al. (2025) Early precursor-derived pituitary gland tissue-resident macrophages play a pivotal role in modulating hormonal balance. Cell reports, 44(2), 115227.

Singh O, et al. (2025) Temporal control of eating and body weight by GHSR-expressing suprachiasmatic nucleus neurons. Cell reports, 44(9), 116213.

Kolter J, et al. (2025) Sensory neurons shape local macrophage identity via TGF-?? signaling. Immunity.

Yamasaki A, et al. (2025) Cyclin-dependent kinase inhibitor 1A mediates mouse line- and fate-dependent cellular responses in Cx3cr1-Cre genetic tools. Cell reports, 44(9), 116267.

Park R, et al. (2025) CD138 and APRIL regulate plasma cell survival, competition, and retention in the bone marrow niche. Cell reports, 44(8), 116123.

Allman A, et al. (2025) Splenic fibroblasts control marginal zone B cell movement and function via two distinct Notch2-dependent regulatory programs. Immunity, 58(1), 143.

Willis A, et al. (2025) Single cell approaches define neural stem cell niches and identify microglial ligands that can enhance precursor-mediated oligodendrogenesis. Cell reports, 44(1), 115194.

Cano JC, et al. (2025) Newly generated striatal neurons rescue motor circuitry in a Huntington's disease mouse model. Cell reports, 44(4), 115440.

Ko SY, et al. (2025) Systems consolidation reorganizes hippocampal engram circuitry. Nature, 643(8072), 735.

Nakamura Y, et al. (2025) Adult leptomeningeal vestigial neural crest-derived multipotent cells promote vascular repair after stroke. Cell reports, 45(1), 116747.

Norris AM, et al. (2025) Intramuscular adipose tissue restricts functional muscle recovery. Cell reports, 44(8), 116021.