

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

B6.129P2-Gt(ROSA)26Sor^{tm1}(CAG-Brainbow2.1)Cle/J

RRID:IMSR_JAX:017492

Type: Organism

Proper Citation

RRID:IMSR_JAX:017492

Organism Information

URL: <https://www.jax.org/strain/017492>

Proper Citation: RRID:IMSR_JAX:017492

Description: Mus musculus with name B6.129P2-Gt(ROSA)26Sor^{tm1}(CAG-Brainbow2.1)Cle/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Gt(ROSA)26Sor/J

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; Hans Clevers

Catalog Number: JAX:017492

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129P2-Gt(ROSA)26Sor^{tm1}(CAG-Brainbow2.1)Cle/J

Record Creation Time: 20250513T053732+0000

Record Last Update: 20260725T044441+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Gt(ROSA)26Sor^{tm1}(CAG-Brainbow2.1)Cle/J.

No alerts have been found for B6.129P2-Gt(ROSA)26Sor^{tm1}(CAG-Brainbow2.1)Cle/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Snitow ME, et al. (2025) Stc1-expressing myofibroblasts are a developmentally distinct lineage cleared through apoptosis in the neonatal lung. *Cell reports*, 45(1), 116750.

Rubin S, et al. (2024) Limited column formation in the embryonic growth plate implies divergent growth mechanisms during pre- and postnatal bone development. *eLife*, 13.

Guo T, et al. (2024) Vascular architecture regulates mesenchymal stromal cell heterogeneity via P53-PDGF signaling in the mouse incisor. *Cell stem cell*, 31(6), 904.

Capdevila C, et al. (2024) Time-resolved fate mapping identifies the intestinal upper crypt zone as an origin of Lgr5+ crypt base columnar cells. *Cell*, 187(12), 3039.

Paramore SV, et al. (2024) Vangl-dependent mesenchymal thinning shapes the distal lung during murine sacculation. *Developmental cell*, 59(10), 1302.

Hariani HN, et al. (2024) A system of feed-forward cerebellar circuits that extend and diversify sensory signaling. *eLife*, 12.

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.

Fahlquist-Hagert C, et al. (2024) T-follicular regulatory cells expand to control germinal center plasma cell output but fail to curb autoreactivity. *iScience*, 27(10), 110887.

Onder L, et al. (2024) Fibroblastic reticular cells generate protective intratumoral T cell environments in lung cancer. *Cell*.

Schiepers A, et al. (2024) Opposing effects of pre-existing antibody and memory T cell help on the dynamics of recall germinal centers. *Immunity*, 57(7), 1618.

Handler A, et al. (2023) Three-dimensional reconstructions of mechanosensory end organs suggest a unifying mechanism underlying dynamic, light touch. *Neuron*, 111(20), 3211.

Warren R, et al. (2023) Hippo signaling impairs alveolar epithelial regeneration in pulmonary fibrosis. *eLife*, 12.

Ohmoto M, et al. (2022) Maintenance and turnover of Sox2+ adult stem cells in the gustatory epithelium. *PloS one*, 17(9), e0267683.

Koren E, et al. (2022) Thy1 marks a distinct population of slow-cycling stem cells in the mouse epidermis. *Nature communications*, 13(1), 4628.

Goodwin K, et al. (2022) Patterning the embryonic pulmonary mesenchyme. *iScience*, 25(3), 103838.

Melica ME, et al. (2022) Differentiation of crescent-forming kidney progenitor cells into podocytes attenuates severe glomerulonephritis in mice. *Science translational medicine*, 14(657), eabg3277.

Kaucka M, et al. (2022) Altered developmental programs and oriented cell divisions lead to bulky bones during salamander limb regeneration. *Nature communications*, 13(1), 6949.

Wong HS, et al. (2021) A local regulatory T cell feedback circuit maintains immune homeostasis by pruning self-activated T cells. *Cell*, 184(15), 3981.

Kato T, et al. (2021) Dynamic stem cell selection safeguards the genomic integrity of the epidermis. *Developmental cell*, 56(24), 3309.

Russell JP, et al. (2021) Pituitary stem cells produce paracrine WNT signals to control the expansion of their descendant progenitor cells. *eLife*, 10.