

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

B6.129S4-Gt(ROSA)26Sor^{tm2(FLP*)}Sor/J

RRID:IMSR_JAX:012930

Type: Organism

Proper Citation

RRID:IMSR_JAX:012930

Organism Information

URL: <https://www.jax.org/strain/012930>

Proper Citation: RRID:IMSR_JAX:012930

Description: Mus musculus with name B6.129S4-Gt(ROSA)26Sor^{tm2(FLP*)}Sor/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 2; Philippe Soriano

Catalog Number: JAX:012930

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129S4-Gt(ROSA)26Sor^{tm2(FLP*)}Sor/J

Record Creation Time: 20250513T053723+0000

Record Last Update: 20260725T044432+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Gt(ROSA)26Sor^{tm2(FLP*)Sor/J}.

No alerts have been found for B6.129S4-Gt(ROSA)26Sor^{tm2(FLP*)Sor/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Niethamer TK, et al. (2025) Longitudinal single-cell profiles of lung regeneration after viral infection reveal persistent injury-associated cell states. *Cell stem cell*, 32(2), 302.

Poddar S, et al. (2025) ArfGAP2 promotes STING proton channel activity, cytokine transit, and autoinflammation. *Cell*, 188(6), 1605.

Srivastava R, et al. (2025) Redefined Strategies to generate Conditional miR-141/200c miRNA cluster Knockout mice to eliminate confounding neo cassettes. *bioRxiv : the preprint server for biology*.

Shah FA, et al. (2024) Lung Epithelium Releases Growth Differentiation Factor 15 in Response to Pathogen-mediated Injury. *American journal of respiratory cell and molecular biology*, 70(5), 379.

Kim JH, et al. (2024) GABAergic/Glycinergic and Glutamatergic Neurons Mediate Distinct Neurodevelopmental Phenotypes of STXBP1 Encephalopathy. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(14).

Pomrenze MB, et al. (2024) 5-HT_{2C} receptors in the nucleus accumbens constrain the rewarding effects of MDMA. *bioRxiv : the preprint server for biology*.

Bucher ML, et al. (2024) Synaptic vesicle glycoprotein 2C enhances vesicular storage of dopamine and counters dopaminergic toxicity. *The European journal of neuroscience*, 59(10), 2483.

Bucher ML, et al. (2023) Synaptic vesicle glycoprotein 2C enhances vesicular storage of dopamine and counters dopaminergic toxicity. *bioRxiv : the preprint server for biology*.

Wang C, et al. (2023) Dipeptidylpeptidase 4 promotes survival and stemness of acute myeloid leukemia stem cells. *Cell reports*, 42(2), 112105.

Mesías RE, et al. (2023) Development and cadherin-mediated control of prefrontal corticostriatal projections in mice. *iScience*, 26(10), 108002.

Miao X, et al. (2023) Replication Protein A1 is essential for DNA damage repair during mammalian oogenesis. *bioRxiv : the preprint server for biology*.

Enterina JR, et al. (2022) Coordinated changes in glycosylation regulate the germinal center through CD22. *Cell reports*, 38(11), 110512.

Yamamoto M, et al. (2022) Overexpression of Wild-Type ACVR1 in Fibrodysplasia Ossificans Progressiva Mice Rescues Perinatal Lethality and Inhibits Heterotopic Ossification. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*, 37(11), 2077.

Chen X, et al. (2022) Mouse placenta fetal macrophages arise from endothelial cells outside the placenta. *Developmental cell*, 57(23), 2652.

Sugiura A, et al. (2022) MTHFD2 is a metabolic checkpoint controlling effector and regulatory T cell fate and function. *Immunity*, 55(1), 65.

Crozet F, et al. (2021) Myosin-X is dispensable for spindle morphogenesis and positioning in the mouse oocyte. *Development (Cambridge, England)*, 148(7).

Cumpelik A, et al. (2021) Dynamic regulation of B cell complement signaling is integral to germinal center responses. *Nature immunology*, 22(6), 757.

Vomhof-DeKrey EE, et al. (2021) Vil-Cre specific Schlafen 3 knockout mice exhibit sex-specific differences in intestinal differentiation markers and Schlafen family members expression levels. *PloS one*, 16(10), e0259195.

Zwicky P, et al. (2021) IL-12 regulates type 3 immunity through interfollicular keratinocytes in psoriasiform inflammation. *Science immunology*, 6(64), eabg9012.

Baldwin KT, et al. (2021) HepaCAM controls astrocyte self-organization and coupling. *Neuron*, 109(15), 2427.