

Resource Summary Report

Generated by [kravitz2](#) on Sep 1, 2026

B6N.129S4-Gt(ROSA)26Sor^{tm1(FLP1)}Dym/J

RRID:IMSR_JAX:016226

Type: Organism

Proper Citation

RRID:IMSR_JAX:016226

Organism Information

URL: <https://www.jax.org/strain/016226>

Proper Citation: RRID:IMSR_JAX:016226

Description: Mus musculus with name B6N.129S4-Gt(ROSA)26Sor^{tm1(FLP1)}Dym/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; Susan Dymecki

Catalog Number: JAX:016226

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6N.129S4-Gt(ROSA)26Sor^{tm1(FLP1)}Dym/J

Record Creation Time: 20250513T053729+0000

Record Last Update: 20260829T045042+0000

Ratings and Alerts

No rating or validation information has been found for B6N.129S4-Gt(ROSA)26Sor^{tm1(FLP1)}Dym/J.

No alerts have been found for B6N.129S4-Gt(ROSA)26Sor^{tm1(FLP1)}Dym/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#).

Thorvaldsen JL, et al. (2025) Igf2 adult-specific skeletal muscle enhancer activity revealed in mice with intergenic CTCF boundary deletion. PLoS genetics, 21(8), e1011834.

Magaña-Ávila G, et al. (2025) NRBP1 and TSC22D proteins affect distal convoluted tubule physiology through modulation of the WNK pathway. Science advances, 11(29), eadv2083.

Krishnan A, et al. (2024) Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) deletion in myeloid cells augments cholestatic liver injury. Scientific reports, 14(1), 2145.

Park JC, et al. (2023) Fine-tuning GPCR-mediated neuromodulation by biasing signaling through different G protein subunits. Molecular cell, 83(14), 2540.

Morrison V, et al. (2023) Jedi-1/MEGF12-mediated phagocytosis controls the pro-neurogenic properties of microglia in the ventricular-subventricular zone. Cell reports, 42(11), 113423.

Kotov DI, et al. (2023) Early cellular mechanisms of type I interferon-driven susceptibility to tuberculosis. Cell, 186(25), 5536.

Zeng H, et al. (2023) TMEM132A regulates mouse hindgut morphogenesis and caudal development. Development (Cambridge, England), 150(14).

Yang K, et al. (2022) Cytoplasmic RNA quality control failure engages mTORC1-mediated autoinflammatory disease. The Journal of clinical investigation, 132(2).

Terrey M, et al. (2021) Defects in translation-dependent quality control pathways lead to convergent molecular and neurodevelopmental pathology. eLife, 10.

Weber AJ, et al. (2021) Conditional deletion of ROCK2 induces anxiety-like behaviors and alters dendritic spine density and morphology on CA1 pyramidal neurons. Molecular brain, 14(1), 169.

Vohwinkel CU, et al. (2021) Targeting alveolar-specific succinate dehydrogenase A attenuates pulmonary inflammation during acute lung injury. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(4), e21468.

Liao J, et al. (2020) Maternal DOT1L is dispensable for mouse development. *Scientific reports*, 10(1), 20636.

Mukherjee C, et al. (2020) Oligodendrocytes Provide Antioxidant Defense Function for Neurons by Secreting Ferritin Heavy Chain. *Cell metabolism*, 32(2), 259.

Solinski HJ, et al. (2019) Nppb Neurons Are Sensors of Mast Cell-Induced Itch. *Cell reports*, 26(13), 3561.

Li MM, et al. (2019) The Paraventricular Hypothalamus Regulates Satiety and Prevents Obesity via Two Genetically Distinct Circuits. *Neuron*, 102(3), 653.

Akerberg BN, et al. (2019) A reference map of murine cardiac transcription factor chromatin occupancy identifies dynamic and conserved enhancers. *Nature communications*, 10(1), 4907.

Wu X, et al. (2016) Mafb lineage tracing to distinguish macrophages from other immune lineages reveals dual identity of Langerhans cells. *The Journal of experimental medicine*, 213(12), 2553.

Shen AL, et al. (2016) Association of a Chromosomal Rearrangement Event with Mouse Posterior Polymorphous Corneal Dystrophy and Alterations in *Csrp2bp*, *Dzank1*, and *Ovol2* Gene Expression. *PloS one*, 11(6), e0157577.