

Resource Summary Report

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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||gene trap ROSA 26; Philippe Soriano; mutant strain: |Gt(ROSA)26Sor||Gt(ROSA)26Sor

Affected Gene: |gene trap ROSA 26; Philippe Soriano||gene trap ROSA 26; Philippe Soriano

Genomic Alteration: targeted mutation 1; Frank Costantini

Catalog Number: JAX:006148

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:6148

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

Record Creation Time: 20230509T193250+0000

Record Last Update: 20240104T174848+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-Gt(ROSA)26Sor^{tm1(EYFP)Cos/J}.

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 298 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

Dause TJ, et al. (2024) Autocrine VEGF drives neural stem cell proximity to the adult hippocampus vascular niche. *Life science alliance*, 7(7).

You S, et al. (2024) Lymphatic-localized Treg-mregDC crosstalk limits antigen trafficking and restrains anti-tumor immunity. *Cancer cell*, 42(8), 1415.

Bedolla AM, et al. (2024) A comparative evaluation of the strengths and potential caveats of the microglial inducible CreER mouse models. *Cell reports*, 43(1), 113660.

Das A, et al. (2024) Transcription factor Tox2 is required for metabolic adaptation and tissue residency of ILC3 in the gut. *Immunity*, 57(5), 1019.

Ren G, et al. (2024) Decreased GATA3 levels cause changed mouse cutaneous innate lymphoid cell fate, facilitating hair follicle recycling. *Developmental cell*, 59(14), 1809.

Huré JB, et al. (2024) Pharmacogenomic screening identifies and repurposes leucovorin and dyclonine as pro-oligodendrogenic compounds in brain repair. *Nature communications*, 15(1), 9837.

Zhao R, et al. (2024) Identification and characterization of intermediate states in mammalian neural crest cell epithelial to mesenchymal transition and delamination. *eLife*, 13.

Kirk JS, et al. (2024) Integrated single-cell analysis defines the epigenetic basis of castration-resistant prostate luminal cells. *Cell stem cell*, 31(8), 1203.

Gao KM, et al. (2024) Endothelial cell expression of a STING gain-of-function mutation initiates pulmonary lymphocytic infiltration. *Cell reports*, 43(4), 114114.

Avendaño MS, et al. (2024) The evolutionary conserved miR-137/325 tandem mediates obesity-induced hypogonadism and metabolic comorbidities by repressing hypothalamic kisspeptin. *Metabolism: clinical and experimental*, 157, 155932.

Voglewede MM, et al. (2024) Loss of the polarity protein Par3 promotes dendritic spine neoteny and enhances learning and memory. *iScience*, 27(7), 110308.

Nguyen PT, et al. (2024) Low intensity repetitive transcranial magnetic stimulation enhances remyelination by newborn and surviving oligodendrocytes in the cuprizone model of toxic demyelination. *Cellular and molecular life sciences : CMLS*, 81(1), 346.

Xu C, et al. (2024) Generation of Slco1a4-CreERT2-tdTomato Knock-in Mice for Specific Cerebrovascular Endothelial Cell Targeting. *International journal of molecular sciences*, 25(9).

Alderman PJ, et al. (2024) Delayed maturation and migration of excitatory neurons in the juvenile mouse paralaminar amygdala. *Neuron*, 112(4), 574.

Hann SH, et al. (2024) Depletion of SMN protein in mesenchymal progenitors impairs the development of bone and neuromuscular junction in spinal muscular atrophy. *eLife*, 12.

Gutierrez-Castellanos N, et al. (2024) A hypothalamic node for the cyclical control of female sexual rejection. *Neuron*.

Rosmus DD, et al. (2024) Redefining the ontogeny of hyalocytes as yolk sac-derived tissue-resident macrophages of the vitreous body. *Journal of neuroinflammation*, 21(1), 168.

Stempel AV, et al. (2024) Tonicly active GABAergic neurons in the dorsal periaqueductal gray control instinctive escape in mice. *Current biology : CB*, 34(13), 3031.

Vázquez-Liébanas E, et al. (2024) Mosaic deletion of claudin-5 reveals rapid non-cell-autonomous consequences of blood-brain barrier leakage. *Cell reports*, 43(3), 113911.