

Resource Summary Report

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

SJL and C57BL/6

RRID:MGI:5649816

Type: Organism

Proper Citation

RRID:MGI:5649816

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:5649816>

Proper Citation: RRID:MGI:5649816

Description: laboratory mouse with name SJL and C57BL/6 from MGI.

Species: laboratory mouse

Notes: Strain Type: Not Specified

Catalog Number: 5649816

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: SJL and C57BL/6

Record Creation Time: 20230227T022709+0000

Record Last Update: 20260829T204212+0000

Ratings and Alerts

No rating or validation information has been found for SJL and C57BL/6.

No alerts have been found for SJL and C57BL/6.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 131 mentions in open access literature.

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

Suzzi S, et al. (2023) N-acetylneuraminic acid links immune exhaustion and accelerated memory deficit in diet-induced obese Alzheimer's disease mouse model. *Nature communications*, 14(1), 1293.

Nishina T, et al. (2023) Interleukin 11 confers resistance to dextran sulfate sodium-induced colitis in mice. *iScience*, 26(2), 105934.

Matsuda R, et al. (2023) A TNF-IL-1 circuit controls Yersinia within intestinal granulomas. *bioRxiv : the preprint server for biology*.

Liang H, et al. (2023) Injectable bone marrow microniches by co-culture of HSPCs with MSCs in 3D microscaffolds promote hematopoietic reconstitution from acute lethal radiation. *Bioactive materials*, 22, 453.

Gautheron F, et al. (2023) Bone marrow-derived extracellular vesicles carry the TGF- β signal transducer Smad2 to preserve hematopoietic stem cells in mice. *Cell death discovery*, 9(1), 117.

Ramanathan G, et al. (2023) Cigarette smoke stimulates clonal expansion of Jak2V617F and Tet2-/- cells. *Frontiers in oncology*, 13, 1210528.

Sharma A, et al. (2023) Isoforms of the TAL1 transcription factor have different roles in hematopoiesis and cell growth. *PLoS biology*, 21(6), e3002175.

Anwer DM, et al. (2023) A comparison of machine learning approaches for the quantification of microglial cells in the brain of mice, rats and non-human primates. *PloS one*, 18(5), e0284480.

Rosier F, et al. (2022) Transcriptional Response in a Sepsis Mouse Model Reflects Transcriptional Response in Sepsis Patients. *International journal of molecular sciences*, 23(2).

Morales-Mantilla DE, et al. (2022) Hematopoietic stem and progenitor cells improve survival from sepsis by boosting immunomodulatory cells. *eLife*, 11.

Rhymes ER, et al. (2022) Bimodal regulation of axonal transport by the GDNF-RET signalling axis in healthy and diseased motor neurons. *Cell death & disease*, 13(7), 584.

Han X, et al. (2022) Neuronal SH2B1 attenuates apoptosis in an MPTP mouse model of Parkinson's disease via promoting PLIN4 degradation. *Redox biology*, 52, 102308.

Li J, et al. (2022) STAT1 is essential for HSC function and maintains MHCIIhi stem cells that resist myeloablation and neoplastic expansion. *Blood*, 140(14), 1592.

Piunti A, et al. (2022) Immune activation is essential for the antitumor activity of EZH2 inhibition in urothelial carcinoma. *Science advances*, 8(40), eabo8043.

Ortega M, et al. (2022) Proteomic profiling reveals mitochondrial dysfunction in the cerebellum of transgenic mice overexpressing DYRK1A, a Down syndrome candidate gene. *Frontiers in molecular neuroscience*, 15, 1015220.

Ma K, et al. (2021) Glypican 4 Regulates A β Internalization in Neural Stem Cells Partly via Low-Density Lipoprotein Receptor-Related Protein 1. *Frontiers in cellular neuroscience*, 15, 732429.

Banik A, et al. (2021) Prostaglandin EP2 receptor antagonist ameliorates neuroinflammation in a two-hit mouse model of Alzheimer's disease. *Journal of neuroinflammation*, 18(1), 273.

Salazar JG, et al. (2021) Paraoxonase-1 and -3 Protein Expression in the Brain of the Tg2576 Mouse Model of Alzheimer's Disease. *Antioxidants (Basel, Switzerland)*, 10(3).

Zhao N, et al. (2021) Low molecular weight chondroitin sulfate ameliorates pathological changes in 5XFAD mice by improving various functions in the brain. *Neuropharmacology*, 199, 108796.

Shin JH, et al. (2021) Reduction of Amyloid Burden by Proliferated Homeostatic Microglia in *Toxoplasma gondii*-Infected Alzheimer's Disease Model Mice. *International journal of molecular sciences*, 22(5).