Resource Summary Report

Generated by NIF on Aug 13, 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: 20260808T212920+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

Source Database: Mouse Genome Informatics MGI

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.

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

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

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-? 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.

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.

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

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).

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.

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

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? 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).