

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

B6SJLF1/J

RRID:IMSR_JAX:100012

Type: Organism

Proper Citation

RRID:IMSR_JAX:100012

Organism Information

URL: <https://www.jax.org/strain/100012>

Proper Citation: RRID:IMSR_JAX:100012

Description: Mus musculus with name B6SJLF1/J from IMSR.

Species: Mus musculus

Synonyms: (C57BL/6J x SJL/J)F1/J

Notes: gene symbol note: ; unclassified:

Catalog Number: JAX:100012

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6SJLF1/J

Record Creation Time: 20250513T053915+0000

Record Last Update: 20260815T050826+0000

Ratings and Alerts

No rating or validation information has been found for B6SJLF1/J.

No alerts have been found for B6SJLF1/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 182 mentions in open access literature.

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

Liu J, et al. (2026) Intranasal dantrolene nanoparticles inhibit lipopolysaccharide-induced depression and anxiety behavior in mice. *Translational psychiatry*, 16(1).

Karthivashan G, et al. (2026) Native PLGA nanoparticles attenuate disease pathology via multiple pathways in 5xFAD Alzheimer's model. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 22(5), e71348.

Cecchini K, et al. (2026) Cleavage of mRNAs by a minority of pachytene piRNAs improves sperm fitness. *Nature*, 652(8109), 508.

Lee S, et al. (2026) Clearance of amyloid plaque via focused ultrasonication in a mouse model of Alzheimer's disease. *Theranostics*, 16(5), 2310.

Nguyen LT, et al. (2026) Efficient genome editing with chimeric oligonucleotide-directed editing. *Nature communications*, 17(1).

Reedich EJ, et al. (2026) Chronic Diazepam Reveals Excessive Homeostatic Gain in SOD1G93A Mouse Spinal Motoneurons. *International journal of molecular sciences*, 27(12).

Chen B, et al. (2026) A ligand-mimetic anti-TREM2 agonist antibody elevates soluble TREM2 and ameliorates pathology in mouse models of Alzheimer's disease and multiple sclerosis. *Journal of neuroinflammation*, 23(1).

Tekin N, et al. (2026) A perspective for alzheimer disease from gut microbiota-associated NMR-based fecal metabolomics: a study with 5XFAD mice. *Metabolic brain disease*, 41(1).

Skory RM, et al. (2026) Live imaging captures the events immediately following fertilization. *Developmental cell*.

Kodali M, et al. (2025) Residual microglia following short-term PLX5622 treatment in 5xFAD mice exhibit diminished NLRP3 inflammasome and mTOR signaling, and enhanced autophagy. *Aging cell*, 24(2), e14398.

Kranz DL, et al. (2025) Identification of a glia-associated amyloid β oligomer subtype and the rescue from reactive astrogliosis by inhibitor NU-9. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(12), e70968.

Ciric J, et al. (2025) Every-Other-Day Feeding Prevents the Loss of Parvalbumin-Expressing Neurons in the Cerebral Cortex of Female 5xFAD Mice. *Molecular*

neurobiology, 63(1), 195.

Hwang DW, et al. (2025) Image-Guided Monitoring of Mitochondria and Blood-Brain Barrier Dysfunction in Amyotrophic Lateral Sclerosis Mice. *Biomaterials research*, 29, 0162.

Savy V, et al. (2025) Calcium signals shape metabolic control of H3K27ac and H3K18la to regulate EGA. *bioRxiv : the preprint server for biology*.

Lee S, et al. (2025) Engagement of CD300c by a Novel Monoclonal Antibody Ameliorates Behavioral Deficits in a 5xFAD Mouse Model of Alzheimer's Disease. *Biomedicines*, 13(5).

Keramidis I, et al. (2025) Chronic optogenetic activation of hippocampal CA1 neurons triggers Alzheimer's disease-like proteomic remodeling. *iScience*, 28(10), 113454.

Rasà DM, et al. (2025) Stress exposure affects amyotrophic lateral sclerosis pathogenesis via PI3K/Akt and focal adhesion pathways: evidence from three experimental models. *Scientific reports*, 15(1), 17583.

Ming H, et al. (2025) Spatiotemporal dynamics and selectivity of mRNA translation during mouse pre-implantation development. *Nucleic acids research*, 53(18).

Chen Y, et al. (2025) Strategic delivery of omega-3 fatty acids for modulating inflammatory neurodegenerative diseases. *Frontiers in aging neuroscience*, 17, 1535094.

Lee HJ, et al. (2025) Neuroprotection against beta-amyloid toxicity by the novel estrogen receptor modulator STX requires convergent signaling pathways. *Frontiers in molecular neuroscience*, 18, 1670646.