Resource Summary Report

Generated by dkNET on Aug 21, 2026

B6C3F1/J

RRID:IMSR_JAX:100010
Type: Organism

Proper Citation

RRID:IMSR_JAX:100010

Organism Information

URL: https://www.jax.org/strain/100010

Proper Citation: RRID:IMSR_JAX:100010

Description: Mus musculus with name B6C3F1/J from IMSR.

Species: Mus musculus

Synonyms: (C57BL/6J x C3H/HeJ)F1/J

Notes: gene symbol note: ; unclassified:

Catalog Number: JAX:100010

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6C3F1/J

Record Creation Time: 20250513T053915+0000

Record Last Update: 20260815T050818+0000

Ratings and Alerts

No rating or validation information has been found for B6C3F1/J.

No alerts have been found for B6C3F1/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 98 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Jati S, et al. (2026) AI guided discovery of a murine model of asymptomatic Alzheimer's disease. Acta neuropathologica communications, 14(1).

Cho E, et al. (2026) An Integrative Proteomic Approach to Reveal Altered Signaling Modules During Alzheimer's Disease Progression in PS19 Tauopathy Mice. Molecular & cellular proteomics : MCP, 25(6), 101580.

Bassiouni W, et al. (2026) M1 muscarinic receptor modulation drives sex-specific alterations of Alzheimer's pathophysiology in APPswe/PSEN1?E9 mice. The Journal of pharmacology and experimental therapeutics, 104980.

So RWL, et al. (2026) Stochastic misfolding drives the emergence of distinct ?-synuclein strains. Neuron, 114(11), 1951.

Garza IT, et al. (2025) Preclinical Development of a Vectorized Artificial miRNA Gene Therapy for Tauopathies. bioRxiv : the preprint server for biology.

Fernández-Blanco Á, et al. (2025) Astrocytopathy Is Associated with CA1 Synaptic Dysfunction in a Mouse Model of Down Syndrome. Cells, 14(17).

Kim HB, et al. (2025) Inhibition of FAM19A5 reverses synaptic loss and cognitive decline in mouse models of Alzheimer's disease. Alzheimer's research & therapy, 17(1), 168.

Terrey M, et al. (2025) Alternating hemiplegia of childhood associated mutations in Atp1a3 reveal diverse neurological alterations in mice. Neurobiology of disease, 212, 106954.

Jati S, et al. (2025) Chromogranin A deficiency attenuates tauopathy by altering epinephrine-alpha-adrenergic receptor signaling in PS19 mice. Nature communications, 16(1), 4703.

Park S, et al. (2025) Distinct disruptions in CA1 and CA3 place cell function in Alzheimer's disease mice. iScience, 28(2), 111631.

Cavanaugh KE, et al. (2025) A mechanical origin for implantation defects in embryos from aged females. bioRxiv : the preprint server for biology.

Adebowale A, et al. (2025) Adoptive NK cell transfer confers neuroprotection by attenuating neuroinflammation and alpha-synuclein pathology in a mouse model of synucleinopathy. Molecular neurodegeneration advances, 1(1), 6.

Jati S, et al. (2025) Boolean Network Modeling Identifies Cognitive Resilience in the First Murine Model of Asymptomatic Alzheimer's Disease. bioRxiv : the preprint server for biology.

Ibrahim KS, et al. (2025) Positive allosteric modulation of M1 mAChRs with VU0486846 reverses cognitive deficits in male APPswe/PSEN1?E9 alzheimer's mice. Neuropharmacology, 280, 110654.

Stykel MG, et al. (2025) G6PD deficiency triggers dopamine loss and the initiation of Parkinson's disease pathogenesis. Cell reports, 44(1), 115178.

Park YJ, et al. (2025) Distinct systemic impacts of A?42 and Tau revealed by whole-organism snRNA-seq. Neuron, 113(13), 2065.

Angeles-Perez L, et al. (2025) Cerebellar contributions to tau-mediated cognitive and behavioral dysfunction. Cell reports, 44(8), 116036.

Hollis HC, et al. (2025) Reconstructed cell-type-specific rhythms in human brain link Alzheimer's pathology, circadian stress, and ribosomal disruption. Neuron, 113(17), 2822.

Park S, et al. (2024) Distinct Disruptions in CA1 and CA3 Place Cell Function in Alzheimer's Disease Mice. bioRxiv : the preprint server for biology.

Kelleher CP, et al. (2024) Long-range repulsion between chromosomes in mammalian oocyte spindles. Science advances, 10(39), eadq7540.