

Resource Summary Report

Generated by [dkNET](#) on Sep 11, 2026

B6J;C3H-Tg(APPswe,PSEN1dE9)85Dbo/Mmjax

RRID:MMRRC_034829-JAX

Type: Organism

Proper Citation

RRID:MMRRC_034829-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=34829

Proper Citation: RRID:MMRRC_034829-JAX

Description: Mus musculus with name B6J;C3H-Tg(APPswe,PSEN1dE9)85Dbo/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Transgenic ; Collection:

Affected Gene: APPswe

Catalog Number: 034829-JAX

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:11337275](#)

Alternate IDs: MMRRC_34829-JAX, MMRRC_034829, MMRRC_34829

Organism Name: B6J;C3H-Tg(APPswe,PSEN1dE9)85Dbo/Mmjax

Record Creation Time: 20230308T055135+0000

Record Last Update: 20260905T110902+0000

Ratings and Alerts

No rating or validation information has been found for B6J;C3H-Tg(APPswe,PSEN1dE9)85Dbo/Mmjax.

No alerts have been found for B6J;C3H-Tg(APPswe,PSEN1dE9)85Dbo/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 116 mentions in open access literature.

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

Pyun J, et al. (2026) Cu(ATSM) Restores Blood-Brain Barrier Abundance of P-Glycoprotein and Improves Cognitive Function in the APP/PS1 Mouse Model of Alzheimer's Disease. ACS chemical neuroscience, 17(12), 2389.

Garland IJZ, et al. (2026) Decreased Length of Locus Coeruleus Norepinephrine Axons and Increased Amyloid Beta Pathology in Male APP/PS1 Mice During Protracted Abstinence From Alcohol. Neurotoxicity research, 44(2).

Allen NG, et al. (2026) Alzheimer's Disease and circadian disruption sex-specifically contribute to a loss of bone maintenance in APP/PS1 model mice. bioRxiv : the preprint server for biology.

Du Y, et al. (2026) Sex-dependent rescue of memory and synaptic deficits in AD model mice by increasing PSD-95 palmitoylation. Communications biology, 9(1).

Hwang E, et al. (2026) Basal forebrain parvalbumin neuron dysfunction links network oscillation deficits to hippocampal pathology in Alzheimer's disease. Research square.

Geng F, et al. (2026) Cry2 deficiency leads to cognitive impairment through the microbiota-gut-brain axis mediated S1P/NLRP3/IL-1 β pathway in mice. Journal of neuroinflammation, 23(1), 71.

Luo QH, et al. (2026) Endothelial NAD⁺ depletion drives vascular senescence and neuroinflammation via mtDNA-cGAS/STING-CD38 signaling in Alzheimer's disease. Alzheimer's & dementia : the journal of the Alzheimer's Association, 22(4), e71423.

Yu L, et al. (2026) Zolpidem restores sleep and decreases amyloid in a mouse model. Alzheimer's & dementia : the journal of the Alzheimer's Association, 22(3), e71175.

Ormazabal P, et al. (2026) Fructose Intake Is Associated with Brain Metabolic Reprogramming and Exacerbation of Alzheimer-like Alterations in APP/PS1 Mice. International journal of molecular sciences, 27(9).

Sauvé F, et al. (2026) Tanycytic degeneration impairs tau clearance and contributes to Alzheimer's disease pathology. *Cell press blue*, 1(1).

Katsuki F, et al. (2026) Early Loss of Deep Restorative Sleep and Auditory Stimulus Evoked 40-Hz activity of Hippocampal Parvalbumin Neurons in the APP/PS1 Mouse Model of Alzheimer's Disease. *bioRxiv : the preprint server for biology*.

Cardenas-Rivera A, et al. (2026) Chronic Aerobic Exercise Alleviates Amyloid-induced Capillary Dysfunction. *bioRxiv : the preprint server for biology*.

Teng F, et al. (2026) Efficient amyloid- β degradation in Alzheimer's disease using SPYTACs. *Cell*, 189(7), 1923.

Zhao Z, et al. (2026) Amyloid plaques drive state-dependent long-range circuit reorganization in the hippocampus. *bioRxiv : the preprint server for biology*.

Jin M, et al. (2026) Behavioral and brain-wide neural signatures of sundowning in Alzheimer's disease. *Research square*.

Kassenova A, et al. (2026) Effects of Wheat Malt Extract on Molecular and Behavioral Markers in Aged APP/PS1 and Wild-Type Mice. *International journal of molecular sciences*, 27(11).

Fontán-Baselga T, et al. (2026) Chronic inhibition of receptor protein tyrosine phosphatase β reduces amyloid plaque load and modulates pleiotrophin-expressing glial cells, glial-plaque interactions and genes related to amyloid beta clearance. *Frontiers in pharmacology*, 17, 1839516.

Liu C, et al. (2026) Prolonged systemic inflammation worsens impairments to astrocyte Ca^{2+} and functional hyperemia in Alzheimer's disease. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 22(7), e71607.

Jang YS, et al. (2025) Differences in Learning Strategy Selection and Object Location Memory Impairments in APP/PS1 Mice. *Experimental neurobiology*, 34(4), 156.

Ladurner G, et al. (2025) Comparative Investigation of the Retinal Phenotype of Three Mouse Models of Alzheimer's Disease With Optical Coherence Tomography. *Investigative ophthalmology & visual science*, 66(14), 35.