

Resource Summary Report

Generated by [dkNET](#) on Aug 10, 2026

B6.Cg-App^{tm1.1Dnli}/J

RRID:IMSR_JAX:034711

Type: Organism

Proper Citation

RRID:IMSR_JAX:034711

Organism Information

URL: <https://www.jax.org/strain/034711>

Proper Citation: RRID:IMSR_JAX:034711

Description: Mus musculus with name B6.Cg-App^{tm1.1Dnli}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: amyloid beta precursor protein; mutant strain: App

Affected Gene: amyloid beta precursor protein

Genomic Alteration: targeted mutation 1; Denali Therapeutics

Catalog Number: JAX:034711

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-App^{tm1.1Dnli}/J

Record Creation Time: 20250513T053845+0000

Record Last Update: 20260808T051041+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-App^{tm1.1Dnli}/J.

No alerts have been found for B6.Cg-App^{tm1.1Dnli}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Foley KE, et al. (2026) Acute anti-A β antibody exposure induces microglial changes and significantly alters chemokine signaling. *Alzheimer's & dementia* (New York, N. Y.), 12(1), e70201.

Duncan MJ, et al. (2026) Dim light at night impacts circadian rhythms and Alzheimer's disease-like neuroinflammation and neuropathology in humanized APP SAA knock-in mice. *Sleep*, 49(6).

Hawkins MR, et al. (2025) Chronic Sleep Fragmentation Differentially Affects Alzheimer's Disease Pathology in Male and Female APPSAA Knock-in Mice. *Journal of inflammation research*, 18, 14325.

Chen J, et al. (2025) Transcriptional regulation by PHGDH drives amyloid pathology in Alzheimer's disease. *Cell*, 188(13), 3513.

Whittaker DS, et al. (2023) Circadian modulation by time-restricted feeding rescues brain pathology and improves memory in mouse models of Alzheimer's disease. *Cell metabolism*, 35(10), 1704.