

Resource Summary Report

Generated by PRECISE-TBI on Jul 30, 2026

w[*]; P{w[+mC]=UAS-APP695-N-myc}TW6

RRID:BDSC_6700

Type: Organism

Proper Citation

RRID:BDSC_6700

Organism Information

URL: <https://n2t.net/bdsc:6700>

Proper Citation: RRID:BDSC_6700

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-APP695-N-myc}TW6 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Shermali Gunawardena, University of California, San Diego; Donor's Source: Renato Paro, Swiss Federal Institute of Technology Zurich

Affected Gene: Hsap\APP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 6700

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6700, BL6700

Organism Name: w[*]; P{w[+mC]=UAS-APP695-N-myc}TW6

Record Creation Time: 20240911T222202+0000

Record Last Update: 20260725T194836+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-APP695-N-myc}TW6.

No alerts have been found for w[*]; P{w[+mC]=UAS-APP695-N-myc}TW6.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Luo J, et al. (2026) APP Induces AICD-Mediated Autophagy-Dependent Axon Degeneration. Aging cell, 25(1), e70301.

Mou Y, et al. (2025) Intermittent Vibration Induces Sleep via an Allatostatin A-GABA Signaling Pathway and Provides Broad Benefits in Alzheimer's Disease Models. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(5), e2411768.

Cheng G, et al. (2025) The inter-organelle cross-talk finely orchestrated in the amyloidogenic processing of amyloid precursor protein in dendritic arborization neurons of Drosophila. Theranostics, 15(7), 2951.

Mou W, et al. (2024) Upregulation of neuronal ER-phagy improves organismal fitness and alleviates APP toxicity. Cell reports, 43(5), 114255.

Rimal S, et al. (2023) Reverse electron transfer is activated during aging and contributes to aging and age-related disease. EMBO reports, 24(4), e55548.

Hao Y, et al. (2023) Resveratrol and Sir2 Reverse Sleep and Memory Defects Induced by Amyloid Precursor Protein. Neuroscience bulletin, 39(7), 1117.

Shao L, et al. (2022) Upregulation of IP3 receptor mediates APP-induced defects in synaptic downscaling and sleep homeostasis. Cell reports, 38(13), 110594.

Rimal S, et al. (2021) Inefficient quality control of ribosome stalling during APP synthesis generates CAT-tailed species that precipitate hallmarks of Alzheimer's disease. Acta neuropathologica communications, 9(1), 169.