Resource Summary Report

Generated by T1D on Sep 21, 2026

y[1] w[*]; P{w[+mC]=UAS-APP.YFP}LG

RRID:BDSC_32039
Type: Organism

Proper Citation

RRID:BDSC_32039

Organism Information

URL: https://n2t.net/bdsc:32039

Proper Citation: RRID:BDSC_32039

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UAS-APP.YFP}LG from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Lawrence Goldstein, University of California, San Diego

Affected Gene: Hsap\APP, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 32039

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32039, BDSC:32039, BL32039

Organism Name: y[1] w[*]; P{w[+mC]=UAS-APP.YFP}LG

Record Creation Time: 20240911T222529+0000

Record Last Update: 20260919T202949+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UAS-APP.YFP}LG.

No alerts have been found for y[1] w[*]; P{w[+mC]=UAS-APP.YFP}LG.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Singh PJ, et al. (2025) Amyloid-? disrupts APP-regulated protein aggregation and dissociation from recycling endosomal membranes. The EMBO journal, 44(16), 4443.

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

Neuman SD, et al. (2021) Mistargeting of secretory cargo in retromer-deficient cells. Disease models & mechanisms, 14(1).

White JA, et al. (2020) Excess Rab4 rescues synaptic and behavioral dysfunction caused by defective HTT-Rab4 axonal transport in Huntington's disease. Acta neuropathologica communications, 8(1), 97.

Mórotz GM, et al. (2019) Kinesin light chain-1 serine-460 phosphorylation is altered in Alzheimer's disease and regulates axonal transport and processing of the amyloid precursor protein. Acta neuropathologica communications, 7(1), 200.

Reis GF, et al. (2012) Molecular motor function in axonal transport in vivo probed by genetic and computational analysis in Drosophila. Molecular biology of the cell, 23(9), 1700.