Resource Summary Report

Generated by Kravitz on Sep 17, 2026

w[1118]; P{w[+mC]=UAS-mCherry-AMPKalpha}2

RRID:BDSC_32109
Type: Organism

Proper Citation

RRID:BDSC_32109

Organism Information

URL: https://n2t.net/bdsc:32109

Proper Citation: RRID:BDSC_32109

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-mCherry-AMPKalpha}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating a Cy[1]-marked balancer. Donor: Jay Brenman, University of North Carolina, Chapel Hill

Affected Gene: AMPKalpha, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 32109

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32109, BDSC:32109, BL32109

Organism Name: w[1118]; P{w[+mC]=UAS-mCherry-AMPKalpha}2

Record Creation Time: 20240911T222530+0000

Record Last Update: 20260912T203609+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-mCherry-AMPKalpha}2.

No alerts have been found for w[1118]; P{w[+mC]=UAS-mCherry-AMPKalpha}2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Wu SC, et al. (2025) Dysfunctional BCAA degradation triggers neuronal damage through disrupted AMPK-mitochondrial axis due to enhanced PP2Ac interaction. Communications biology, 8(1), 105.

Marzano M, et al. (2021) AMPK adapts metabolism to developmental energy requirement during dendrite pruning in Drosophila. Cell reports, 37(7), 110024.