Resource Summary Report

Generated by kravitz2 on Aug 12, 2026

w[1118]; P{w[+mW.hs]=GawB}Tab2[201Y]

RRID:BDSC_4440
Type: Organism

Proper Citation

RRID:BDSC_4440

Organism Information

URL: https://n2t.net/bdsc:4440

Proper Citation: RRID:BDSC_4440

Description: Drosophila melanogaster with name w[1118]; P{w[+mW.hs]=GawB}Tab2[201Y] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Lucy Cherbas, Indiana University, Bloomington; Donor's Source: Liqun Luo, Stanford University

Affected Gene: GAL4, Tab2, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 4440

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_4440, BL4440

Organism Name: w[1118]; P{w[+mW.hs]=GawB}Tab2[201Y]

Record Creation Time: 20240911T222144+0000

Record Last Update: 20260808T194257+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mW.hs]=GawB}Tab2[201Y].

No alerts have been found for w[1118]; P{w[+mW.hs]=GawB}Tab2[201Y].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Chung PC, et al. (2026) Genetic network shaping Kenyon cell identity and function in Drosophila mushroom bodies. eLife, 14.

Blot L, et al. (2026) Protocol for preparation of a synaptosome-enriched fraction to profile presynaptic RNA content in adult Drosophila brains. STAR protocols, 7(2), 104448.

Lei Q, et al. (2025) Tissue-Specific Profiling of O-GlcNAcylated Proteins in Drosophila Using TurboID-CpOGAM. Bio-protocol, 15(5), e5234.

Lu W, et al. (2025) 'Mitotic' kinesin-5 is a dynamic brake for axonal growth in Drosophila. Development (Cambridge, England), 152(9).

Chung PC, et al. (2025) Genetic Network Shaping Kenyon Cell Identity and Function in Drosophila Mushroom Bodies. bioRxiv : the preprint server for biology.

Marini-Davis A, et al. (2025) Juvenile hormone regulates the maturation of sexually dimorphic naive ethanol olfactory preference in Drosophila melanogaster. Royal Society open science, 12(8), 242217.

Nair S, et al. (2024) Anti-tau single domain antibodies clear pathological tau and attenuate its toxicity and related functional defects. Cell death & disease, 15(7), 543.

Wodrich APK, et al. (2024) Changes in mitochondrial distribution occur at the axon initial segment in association with neurodegeneration in Drosophila. bioRxiv : the preprint server for biology.

Wodrich APK, et al. (2024) Changes in mitochondrial distribution occur at the axon initial segment in association with neurodegeneration in Drosophila. Biology open, 13(7).

Yu H, et al. (2024) Tissue-specific O-GlcNAcylation profiling identifies substrates in translational machinery in Drosophila mushroom body contributing to olfactory learning. eLife, 13.

Wodrich APK, et al. (2024) MANIPULATING MITOCHONDRIAL REACTIVE OXYGEN SPECIES ALTERS SURVIVAL IN UNEXPECTED WAYS IN A DROSOPHILA MODEL OF NEURODEGENERATION. bioRxiv : the preprint server for biology.

Wodrich APK, et al. (2024) Manipulating mitochondrial reactive oxygen species alters survival in unexpected ways in a Drosophila Cdk5 model of neurodegeneration. Biology open, 13(10).

Desai M, et al. (2024) Mrj is a chaperone of the Hsp40 family that regulates Orb2 oligomerization and long-term memory in Drosophila. PLoS biology, 22(4), e3002585.

Bu S, et al. (2023) Polycomb group genes are required for neuronal pruning in Drosophila. BMC biology, 21(1), 33.

Shen P, et al. (2023) Neural circuit mechanisms linking courtship and reward in Drosophila males. Current biology : CB, 33(10), 2034.

Moore MC, et al. (2023) Effects of valproate on seizure-like activity in Drosophila melanogaster with a knockdown of Ube3a in different neuronal populations as a model of Angelman Syndrome. Epilepsy & behavior reports, 24, 100622.

Sabandal PR, et al. (2022) Acetylcholine deficit causes dysfunctional inhibitory control in an aging-dependent manner. Scientific reports, 12(1), 20903.

Yatsenko AS, et al. (2021) Exocyst-mediated membrane trafficking of the lissencephaly-associated ECM receptor dystroglycan is required for proper brain compartmentalization. eLife, 10.

Kamiyama R, et al. (2021) Cell-type-specific, multicolor labeling of endogenous proteins with split fluorescent protein tags in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 118(23).

Hatch HAM, et al. (2021) A KDM5-Prospero transcriptional axis functions during early neurodevelopment to regulate mushroom body formation. eLife, 10.