Resource Summary Report

Generated by PRECISE-TBI on Sep 17, 2026

w[*]; P{w[+mW.hs]=GawB}D42

RRID:BDSC_8816
Type: Organism

Proper Citation

RRID:BDSC_8816

Organism Information

URL: https://n2t.net/bdsc:8816

Proper Citation: RRID:BDSC_8816

Description: Drosophila melanogaster with name w[*]; P{w[+mW.hs]=GawB}D42 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Peter Kolodziej, Vanderbilt University

Affected Gene: GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 8816

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8816, BDSC:8816, BL8816

Organism Name: w[*]; P{w[+mW.hs]=GawB}D42

Record Creation Time: 20240911T222219+0000

Record Last Update: 20260912T203150+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mW.hs]=GawB}D42.

No alerts have been found for w[*]; P{w[+mW.hs]=GawB}D42.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 79 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Mace K, et al. (2026) Cross-species evidence for a developmental origin of adult hypersomnia with loss of synaptic adhesion molecules beat-Ia/CADM2. Nature communications, 17(1), 1628.

Moens TG, et al. (2026) Human FUS is toxic via association with RNA polymerase II in Drosophila. Cell death & disease, 17(1).

Forrest A, et al. (2026) Reduced expression of the electron transport chain component ATPsyn?L in glutamate neurons changes Drosophila melanogaster sleep patterns through adulthood. microPublication biology, 2026.

Altay MF, et al. (2026) Heterozygous loss of SRRM1 may be associated with neurodevelopmental phenotypes and anomalies in cell growth and neurite morphology. European journal of human genetics : EJHG, 34(2), 201.

Mallik B, et al. (2026) An ArfGAP-dependent signaling modulates synaptic plasticity via IP3-regulated calcium release from the endoplasmic reticulum. PLoS genetics, 22(1), e1012031.

Parra-Torres M, et al. (2026) Aberrant NSUN1 activity connects m5C-RNA modification to TDP-43 neurotoxicity in ALS/FTD. Life science alliance, 9(1).

Townsley RE, et al. (2026) NLGN3 autism variants have distinct functional impact on synapses and sleep behavior in Drosophila. bioRxiv : the preprint server for biology.

Patel AA, et al. (2025) Neural substrates of cold nociception in Drosophila larva. eLife, 12.

Sharma A, et al. (2025) Differential response of neurons to autophagy modulation in Huntington's disease. Autophagy reports, 4(1), 2519102.

Taul AC, et al. (2025) The Effects of Overexpressing K2p Channels in Various Tissues on Physiology and Behaviors. Insects, 16(8).

Oh J, et al. (2025) Engineering a membrane protein chaperone to ameliorate the proteotoxicity of mutant huntingtin. Nature communications, 16(1), 737.

Klaustermeier RA, et al. (2025) The CHD Protein, Kismet, Restricts Synaptic BMP Signaling at Glutamatergic Synapses. Neuroscience insights, 20, 26331055251379496.

Thi Thu Trinh M, et al. (2025) Neuronal effect of 0.3?% DMSO and the synergism between 0.3?% DMSO and loss function of UCH-L1 on Drosophila melanogaster model. Toxicology reports, 14, 101904.

Price MS, et al. (2025) Intracellular lactate dynamics in Drosophila neurons. iScience, 28(10), 113462.

Mallik B, et al. (2025) Mitochondrial Complex I and ROS control neuromuscular function through opposing pre- and postsynaptic mechanisms. PLoS biology, 23(9), e3003388.

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

Koch R, et al. (2025) Examining the potential involvement of NONO in TDP-43 proteinopathy in Drosophila. The European journal of neuroscience, 61(1), e16632.

Bordi M, et al. (2025) ADSL deficiency is a secondary mitochondrial disease affecting organelle homeostasis and ERK2/AKT signaling in a linear genotype-phenotype relation. Cell reports, 44(9), 116230.

Tziortzouda P, et al. (2024) PP2A and GSK3 act as modifiers of FUS-ALS by modulating mitochondrial transport. Acta neuropathologica, 147(1), 41.

Hendricks EL, et al. (2024) The CHD family chromatin remodeling enzyme, Kismet, promotes both clathrin-mediated and activity-dependent bulk endocytosis. PloS one, 19(3), e0300255.