Resource Summary Report

Generated by dkNET on Aug 2, 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, BL8816

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

Record Creation Time: 20240911T222219+0000

Record Last Update: 20260801T194659+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 73 mentions in open access literature.

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

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).

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.

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.

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

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

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

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.

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

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.

Smith IR, et al. (2024) The CHD Protein Kismet Restricts the Synaptic Localization of Cell Adhesion Molecules at the Drosophila Neuromuscular Junction. International journal of molecular sciences, 25(5).

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.

Rankin AE, et al. (2024) Simplified homology-assisted CRISPR for gene editing in Drosophila. G3 (Bethesda, Md.), 14(2).

Banerjee S, et al. (2024) A novel in-frame deletion in KIF5C gene causes infantile onset epilepsy and psychomotor retardation. MedComm, 5(4), e469.

Mallik B, et al. (2024) Mitochondrial Complex I and ROS control synapse function through opposing pre- and postsynaptic mechanisms. bioRxiv : the preprint server for biology.

Lo Piccolo L, et al. (2023) A Novel Drosophila-based Drug Repurposing Platform Identified Fingolimod As a Potential Therapeutic for TDP-43 Proteinopathy. Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics, 20(5), 1330.

Mann JR, et al. (2023) Loss of function of the ALS-associated NEK1 kinase disrupts microtubule homeostasis and nuclear import. Science advances, 9(33), eadi5548.