Resource Summary Report

Generated by dkNET on Sep 5, 2026

w[*]; P{w[+mC]=UAS-lacZ.B}melt[Bg4-2-4b]

RRID:BDSC_1777
Type: Organism

Proper Citation

RRID:BDSC_1777

Organism Information

URL: https://n2t.net/bdsc:1777

Proper Citation: RRID:BDSC_1777

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-lacZ.B}melt[Bg4-2-4b] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Norbert Perrimon, Harvard Medical School

Affected Gene: Ecol\lacZ, melt, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 1777

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_1777, BDSC:1777, BL1777

Organism Name: w[*]; P{w[+mC]=UAS-lacZ.B}melt[Bg4-2-4b]

Record Creation Time: 20240911T222129+0000

Record Last Update: 20260905T135738+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-lacZ.B}melt[Bg4-2-4b].

No alerts have been found for w[*]; P{w[+mC]=UAS-lacZ.B}melt[Bg4-2-4b].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Sui L, et al. (2026) Extracellular matrix restrains cell-cycle progression by nuclear exclusion of Yorkie in Drosophila. Current biology : CB, 36(2), 474.

Wang L, et al. (2025) New Atg9 Phosphorylation Sites Regulate Autophagic Trafficking in Glia. ASN neuro, 17(1), 2443442.

Zhang S, et al. (2025) Drosophila aux orchestrates the phosphorylation-dependent assembly of the lysosomal V-ATPase in glia and contributes to SNCA/?-synuclein degradation. Autophagy, 21(5), 1039.

Yi S, et al. (2024) The autophagy protein Atg9 functions in glia and contributes to parkinsonian symptoms in a Drosophila model of Parkinson's disease. Neural regeneration research, 19(5), 1150.

Soares CC, et al. (2024) Autocrine glutamate signaling drives cell competition in Drosophila. Developmental cell, 59(22), 2974.

Barwell T, et al. (2023) Juvenile and adult expression of polyglutamine expanded huntingtin produce distinct aggregate distributions in Drosophila muscle. Human molecular genetics, 32(16), 2656.

Hsiao MC, et al. (2022) Whole-mount immunofluorescent labeling of the adult fly retina. STAR protocols, 3(2), 101430.

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

Banisch TU, et al. (2021) A transitory signaling center controls timing of primordial germ cell differentiation. Developmental cell, 56(12), 1742.

Girard V, et al. (2021) Abnormal accumulation of lipid droplets in neurons induces the conversion of alpha-Synuclein to proteolytic resistant forms in a Drosophila model of Parkinson's disease. PLoS genetics, 17(11), e1009921.

Töpfer U, et al. (2019) Serpent/dGATAb regulates Laminin B1 and Laminin B2 expression during Drosophila embryogenesis. Scientific reports, 9(1), 15910.

Marchetti G, et al. (2019) Modulators of hormonal response regulate temporal fate specification in the Drosophila brain. PLoS genetics, 15(12), e1008491.

Xiao C, et al. (2019) Expression of Heat Shock Protein 70 Is Insufficient To Extend Drosophila melanogaster Longevity. G3 (Bethesda, Md.), 9(12), 4197.

Guo L, et al. (2018) Nuclear-Import Receptors Reverse Aberrant Phase Transitions of RNA-Binding Proteins with Prion-like Domains. Cell, 173(3), 677.

Ansar M, et al. (2018) Visual impairment and progressive phthisis bulbi caused by recessive pathogenic variant in MARK3. Human molecular genetics, 27(15), 2703.

Conway S, et al. (2018) Pleiotropic and novel phenotypes in the Drosophila gut caused by mutation of drop-dead. Journal of insect physiology, 105, 76.

Zhou J, et al. (2018) Cellular Uptake of A Taurine-Modified, Ester Bond-Decorated D-Peptide Derivative via Dynamin-Based Endocytosis and Macropinocytosis. Molecular therapy : the journal of the American Society of Gene Therapy, 26(2), 648.