

Resource Summary Report

Generated by [ASWG](#) on Aug 8, 2026

[w\[*\]; P{w\[+mC\]=GAL4-Hsp70.PB}2](#)

RRID:BDSC_2077

Type: Organism

Proper Citation

RRID:BDSC_2077

Organism Information

URL:

Proper Citation: RRID:BDSC_2077

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=GAL4-Hsp70.PB}2 from BDSC.

Species: Drosophila melanogaster

Catalog Number: 2077

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: not available

Alternate IDs: BDSC_2077, BL2077

Organism Name: w[*]; P{w[+mC]=GAL4-Hsp70.PB}2

Record Creation Time: 20240911T222131+0000

Record Last Update: 20260808T194240+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=GAL4-Hsp70.PB}2.

No alerts have been found for w[*]; P{w[+mC]=GAL4-Hsp70.PB}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Stark N, et al. (2025) Pseudouridine synthases are proviral factors for Sindbis virus in insect and mammalian cells. *mBio*, 16(7), e0132925.

Lee J, et al. (2025) CHIP protects lysosomes from CLN4 mutant-induced membrane damages. *bioRxiv : the preprint server for biology*.

Lee D, et al. (2024) Diabetic sensory neuropathy and insulin resistance are induced by loss of UCHL1 in *Drosophila*. *Nature communications*, 15(1), 468.

Ham SJ, et al. (2023) PINK1 and Parkin regulate IP3R-mediated ER calcium release. *Nature communications*, 14(1), 5202.

Li Y, et al. (2023) *Drosophila* transmembrane protein 214 (dTMEM214) regulates midgut glucose uptake and systemic glucose homeostasis. *Developmental biology*, 495, 92.

Aranjuez GF, et al. (2022) The *Chlamydia trachomatis* Early Effector Tarp Outcompetes Fascin in Forming F-Actin Bundles In Vivo. *Frontiers in cellular and infection microbiology*, 12, 811407.

Liu N, et al. (2021) Genome-wide mapping of Piwi association with specific loci in *Drosophila* ovaries. *G3 (Bethesda, Md.)*, 11(2).

Deruelle V, et al. (2021) The bacterial toxin ExoU requires a host trafficking chaperone for transportation and to induce necrosis. *Nature communications*, 12(1), 4024.

Kim M, et al. (2021) Proper CycE-Cdk2 activity in endocycling tissues requires regulation of the cyclin-dependent kinase inhibitor Dacapo by dE2F1b in *Drosophila*. *Genetics*, 217(1), 1.

Li Y, et al. (2021) *Drosophila* Solute Carrier 5A5 Regulates Systemic Glucose Homeostasis by Mediating Glucose Absorption in the Midgut. *International journal of molecular sciences*, 22(22).

Wong CO, et al. (2021) Regulation of longevity by depolarization-induced activation of PLC- γ -IP3R signaling in neurons. *Proceedings of the National Academy of Sciences of the United States of America*, 118(16).

Lindsey ARI, et al. (2021) *Wolbachia* and Virus Alter the Host Transcriptome at the Interface of Nucleotide Metabolism Pathways. *mBio*, 12(1).

Park J, et al. (2021) CORO7 functions as a scaffold protein for the core kinase complex assembly of the Hippo pathway. *The Journal of biological chemistry*, 296, 100040.

Ham SJ, et al. (2021) Loss of UCHL1 rescues the defects related to Parkinson's disease by suppressing glycolysis. *Science advances*, 7(28).

Jacomín AC, et al. (2021) Degradation of arouser by endosomal microautophagy is essential for adaptation to starvation in *Drosophila*. *Life science alliance*, 4(2).

Ham SJ, et al. (2020) Decision between mitophagy and apoptosis by Parkin via VDAC1 ubiquitination. *Proceedings of the National Academy of Sciences of the United States of America*, 117(8), 4281.

Khadilkar RJ, et al. (2020) Integrins Modulate Extracellular Matrix Organization to Control Cell Signaling during Hematopoiesis. *Current biology : CB*, 30(17), 3316.

Reiff T, et al. (2019) Notch and EGFR regulate apoptosis in progenitor cells to ensure gut homeostasis in *Drosophila*. *The EMBO journal*, 38(21), e101346.

Goodman LD, et al. (2019) Toxic expanded GGGGCC repeat transcription is mediated by the PAF1 complex in C9orf72-associated FTD. *Nature neuroscience*, 22(6), 863.

Henry LP, et al. (2018) Mitochondria and Wolbachia titers are positively correlated during maternal transmission. *Molecular ecology*, 27(11), 2634.