Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 17, 2025

w[*]; P{w[+mC]=GAL4-Hsp70.PB}89-2-1

RRID:BDSC_1799 Type: Organism

Proper Citation

RRID:BDSC_1799

Organism Information

URL: https://n2t.net/bdsc:1799

Proper Citation: RRID:BDSC_1799

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=GAL4-Hsp70.PB}89-2-1 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Andrea Brand, University of Cambridge

Affected Gene: GAL4, Hsp70 (generic), w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 1799

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:1799, BL1799

Organism Name: w[*]; P{w[+mC]=GAL4-Hsp70.PB}89-2-1

Record Creation Time: 20240911T222129+0000

Record Last Update: 20250420T053816+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=GAL4-Hsp70.PB}89-2-1.

No alerts have been found for w[*]; P{w[+mC]=GAL4-Hsp70.PB}89-2-1.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 47 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Segrist E, et al. (2024) Tissue specific innate immune responses impact viral infection in Drosophila. PLoS pathogens, 20(11), e1012672.

Li C, et al. (2023) Slik maintains tissue homeostasis by preventing JNK-mediated apoptosis. Cell division, 18(1), 16.

Huang Z, et al. (2023) Drosophila Ectoderm-expressed 4 modulates JAK/STAT pathway and protects flies against Drosophila C virus infection. Frontiers in immunology, 14, 1135625.

Guichard A, et al. (2023) A comprehensive Drosophila resource to identify key functional interactions between SARS-CoV-2 factors and host proteins. Cell reports, 42(8), 112842.

Lee Y, et al. (2022) Pyruvate Dehydrogenase Kinase Protects Dopaminergic Neurons from Oxidative Stress in Drosophila DJ-1 Null Mutants. Molecules and cells, 45(7), 454.

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.

Miozzo F, et al. (2022) Maintenance of mitochondrial integrity in midbrain dopaminergic neurons governed by a conserved developmental transcription factor. Nature communications, 13(1), 1426.

Wu C, et al. (2021) CtBP modulates Snail-mediated tumor invasion in Drosophila. Cell death discovery, 7(1), 202.

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.

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

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

Kim JH, et al. (2021) Maternal preconception PFOS exposure of Drosophila melanogaster alters reproductive capacity, development, morphology and nutrient regulation. Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association, 151, 112153.

Manzéger A, et al. (2021) Condition-dependent functional shift of two Drosophila Mtmr lipid phosphatases in autophagy control. Autophagy, 17(12), 4010.

Zhou F, et al. (2020) The roles of jim lovell and uninflatable in different endopolyploid larval tissues of Drosophila melanogaster. PloS one, 15(8), e0237662.

Nishimura T, et al. (2020) Feedforward Regulation of Glucose Metabolism by Steroid Hormones Drives a Developmental Transition in Drosophila. Current biology : CB, 30(18), 3624.

Lee CW, et al. (2019) cdc37 is essential for JNK pathway activation and wound closure in Drosophila. Molecular biology of the cell, 30(21), 2651.

Sarraf SA, et al. (2019) PINK1/Parkin Influences Cell Cycle by Sequestering TBK1 at Damaged Mitochondria, Inhibiting Mitosis. Cell reports, 29(1), 225.

Kim J, et al. (2018) Mechanical stress regulates insulin sensitivity through integrin-dependent control of insulin receptor localization. Genes & development, 32(2), 156.

Lee KA, et al. (2018) Inflammation-Modulated Metabolic Reprogramming Is Required for DUOX-Dependent Gut Immunity in Drosophila. Cell host & microbe, 23(3), 338.