Resource Summary Report

Generated by kravitz2 on Jul 29, 2026

w[118]; P{w[+mC]=tGPH}2; Sb[1]/TM3, Ser[1]

RRID:BDSC_8163
Type: Organism

Proper Citation

RRID:BDSC_8163

Organism Information

URL: https://n2t.net/bdsc:8163

Proper Citation: RRID:BDSC_8163

Description: Drosophila melanogaster with name w[118]; P{w[+mC]=tGPH}2; Sb[1]/TM3, Ser[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Bruce Edgar, Fred Hutchinson Cancer Center

Affected Gene: alphaTub84B, Tag:PH(step), Sb, Ser, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 8163

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8163, BL8163

Organism Name: w[118]; P{w[+mC]=tGPH}2; Sb[1]/TM3, Ser[1]

Record Creation Time: 20240911T222214+0000

Record Last Update: 20260725T194851+0000

Ratings and Alerts

No rating or validation information has been found for w[118]; P{w[+mC]=tGPH}2; Sb[1]/TM3, Ser[1].

No alerts have been found for w[118]; P{w[+mC]=tGPH}2; Sb[1]/TM3, Ser[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Kunduri G, et al. (2024) Live Imaging and Analysis of Meiotic Cytokinesis in Drosophila Testes. Bio-protocol, 14(2), e4918.

Malin J, et al. (2024) Pten, PI3K, and PtdIns(3,4,5)P3 dynamics control pulsatile actin branching in Drosophila retina morphogenesis. Developmental cell, 59(12), 1593.

Liu J, et al. (2023) Fat body-specific reduction of CTPS alleviates HFD-induced obesity. eLife, 12.

Kunduri G, et al. (2022) Delivery of ceramide phosphoethanolamine lipids to the cleavage furrow through the endocytic pathway is essential for male meiotic cytokinesis. PLoS biology, 20(9), e3001599.

Meyer C, et al. (2022) Formation and function of a highly specialised type of organelle in cardiac valve cells. Development (Cambridge, England), 149(19).

Lodge W, et al. (2021) Tumor-derived MMPs regulate cachexia in a Drosophila cancer model. Developmental cell, 56(18), 2664.

Han Y, et al. (2021) Roles of PINK1 in regulation of systemic growth inhibition induced by mutations of PTEN in Drosophila. Cell reports, 34(12), 108875.

Arquier N, et al. (2021) Brain adiponectin signaling controls peripheral insulin response in Drosophila. Nature communications, 12(1), 5633.

S??nos Demarco R, et al. (2020) EGFR Signaling Stimulates Autophagy to Regulate Stem Cell Maintenance and Lipid Homeostasis in the Drosophila Testis. Cell reports, 30(4), 1101.

Yuan D, et al. (2020) The AMPK-PP2A axis in insect fat body is activated by 20-hydroxyecdysone to antagonize insulin/IGF signaling and restrict growth rate. Proceedings of the National Academy of Sciences of the United States of America, 117(17), 9292.

Sanaki Y, et al. (2020) Hyperinsulinemia Drives Epithelial Tumorigenesis by Abrogating Cell Competition. Developmental cell, 53(4), 379.

Toshniwal AG, et al. (2019) ROS Inhibits Cell Growth by Regulating 4EBP and S6K, Independent of TOR, during Development. Developmental cell, 49(3), 473.

Zheng S, et al. (2019) Arf-GEF localization and function at myosin-rich adherens junctions via coiled-coil heterodimerization with an adaptor protein. Molecular biology of the cell, 30(26), 3090.

Kaur H, et al. (2019) Lar maintains the homeostasis of the hematopoietic organ in Drosophila by regulating insulin signaling in the niche. Development (Cambridge, England), 146(24).

Scopelliti A, et al. (2019) A Neuronal Relay Mediates a Nutrient Responsive Gut/Fat Body Axis Regulating Energy Homeostasis in Adult Drosophila. Cell metabolism, 29(2), 269.

Ren S, et al. (2018) dTBC1D7 regulates systemic growth independently of TSC through insulin signaling. The Journal of cell biology, 217(2), 517.

Sharma A, et al. (2018) Insulin signaling modulates border cell movement in Drosophila oogenesis. Development (Cambridge, England), 145(14).

Roth SW, et al. (2018) Innate Immune Signaling in Drosophila Blocks Insulin Signaling by Uncoupling PI(3,4,5)P3 Production and Akt Activation. Cell reports, 22(10), 2550.