

Resource Summary Report

Generated by SPARC SAWG on Sep 5, 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: 20260829T185601+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 20 mentions in open access literature.

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

Mitra D, et al. (2026) MIM triggers formin to Arp2/3-based actin assembly in membrane remodeling in Drosophila embryos. *The Journal of cell biology*, 225(4).

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.

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

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

Chen SL, et al. (2022) WAKE-mediated modulation of cVA perception via a hierarchical neuro-endocrine axis in Drosophila male-male courtship behaviour. *Nature communications*, 13(1), 2518.

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.

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.

Santos 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.

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

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.

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).

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.

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

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.