

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

[w\[1118\]; TI{w\[+mW.hs\]=TI}Ilp3\[1\]](#)

RRID:BDSC_30882

Type: Organism

Proper Citation

RRID:BDSC_30882

Organism Information

URL: <https://n2t.net/bdsc:30882>

Proper Citation: RRID:BDSC_30882

Description: Drosophila melanogaster with name w[1118]; TI{w[+mW.hs]=TI}Ilp3[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Sebastian Gronke, University College London

Affected Gene: Ilp3, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 30882

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30882, BDSC:30882, BL30882

Organism Name: w[1118]; TI{w[+mW.hs]=TI}Ilp3[1]

Record Creation Time: 20240911T222518+0000

Record Last Update: 20260912T203552+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; TI{w[+mW.hs]=TI}Ilp3[1].

No alerts have been found for w[1118]; Tl{w[+mW.hs]=Tl}Ilp3[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Sridharan S, et al. (2026) ILP4 and InR regulate paclitaxel-induced hypersensitivity differently in Drosophila larvae. *Molecular biology of the cell*, 37(1), ar11.

Hemmi C, et al. (2026) Neuropeptidergic circuit modulation of developmental sleep in Drosophila. *eLife*, 14.

Henstridge MA, et al. (2025) Insulin-like peptides play distinct roles in nutrient-dependent plasticity in Drosophila. *G3 (Bethesda, Md.)*.

Chiang MH, et al. (2023) Independent insulin signaling modulators govern hot avoidance under different feeding states. *PLoS biology*, 21(10), e3002332.

Zhang L, et al. (2022) Nutrients and pheromones promote insulin release to inhibit courtship drive. *Science advances*, 8(10), eabl6121.

Ganguly A, et al. (2021) Dietary Macronutrient Imbalances Lead to Compensatory Changes in Peripheral Taste via Independent Signaling Pathways. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(50), 10222.

Wang P, et al. (2020) Visceral Mechano-sensing Neurons Control Drosophila Feeding by Using Piezo as a Sensor. *Neuron*, 108(4), 640.

Lebreton S, et al. (2017) Insulin Signaling in the Peripheral and Central Nervous System Regulates Female Sexual Receptivity during Starvation in Drosophila. *Frontiers in physiology*, 8, 685.