

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[w\[1118\]; Df\(3L\)Ilp2-3, Tl{w\[+mW.hs\]=Tl}Ilp2-3
Tl{w\[+mW.hs\]=Tl}Ilp5\[3\]/TM3, Sb\[1\]](#)

RRID:BDSC_30889

Type: Organism

Proper Citation

RRID:BDSC_30889

Organism Information

URL: <https://n2t.net/bdsc:30889>

Proper Citation: RRID:BDSC_30889

Description: Drosophila melanogaster with name w[1118]; Df(3L)Ilp2-3, Tl{w[+mW.hs]=Tl}Ilp2-3 Tl{w[+mW.hs]=Tl}Ilp5[3]/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Developmentally delayed homozygotes may be present. Donor: Sebastian Gronke, University College London

Affected Gene: CG32052, Ilp2, Ilp3, Sb, Ilp5, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 30889

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30889, BL30889

Organism Name: w[1118]; Df(3L)Ilp2-3, Tl{w[+mW.hs]=Tl}Ilp2-3
Tl{w[+mW.hs]=Tl}Ilp5[3]/TM3, Sb[1]

Record Creation Time: 20240911T222518+0000

Record Last Update: 20260829T190001+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; Df(3L)Ilp2-3, TI{w[+mW.hs]=TI}Ilp2-3 TI{w[+mW.hs]=TI}Ilp5[3]/TM3, Sb[1].

No alerts have been found for w[1118]; Df(3L)Ilp2-3, TI{w[+mW.hs]=TI}Ilp2-3 TI{w[+mW.hs]=TI}Ilp5[3]/TM3, Sb[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](#) .

Suzawa M, et al. (2025) The insulin-like peptides Dilp2 and Dilp6 exhibit divergent responses to dietary sugar and protein in Drosophila larvae. *Proceedings of the National Academy of Sciences of the United States of America*, 122(42), e2426930122.

Takada Y, et al. (2025) Gut microbiota-mediated lipid accumulation as a driver of evolutionary adaptation to blue light toxicity in Drosophila. *Communications biology*, 8(1), 998.

Singh A, et al. (2024) A nutrient responsive lipase mediates gut-brain communication to regulate insulin secretion in Drosophila. *Nature communications*, 15(1), 4410.

Deb??s C, et al. (2023) Ageing-associated changes in transcriptional elongation influence longevity. *Nature*, 616(7958), 814.

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.

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

Henstridge MA, et al. (2018) Torso-Like Is a Component of the Hemolymph and Regulates the Insulin Signaling Pathway in Drosophila. *Genetics*, 208(4), 1523.

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.