

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

[w\[1118\]; L\[1\]/CyO; P{w\[+mC\]=UAS-DenMark}3, P{w\[+mC\]=UAS-syt.eGFP}3](#)

RRID:BDSC_33065

Type: Organism

Proper Citation

RRID:BDSC_33065

Organism Information

URL: <https://n2t.net/bdsc:33065>

Proper Citation: RRID:BDSC_33065

Description: Drosophila melanogaster with name w[1118]; L[1]/CyO; P{w[+mC]=UAS-DenMark}3, P{w[+mC]=UAS-syt.eGFP}3 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM6C, Sb[1] Tb[1]. Donor: Bassem Hassan, Katholieke Universiteit Leuven

Affected Gene: L, Mmus\Icam5, UAS, Syt1, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 33065

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_33065, BL33065

Organism Name: w[1118]; L[1]/CyO; P{w[+mC]=UAS-DenMark}3, P{w[+mC]=UAS-syt.eGFP}3

Record Creation Time: 20240911T222539+0000

Record Last Update: 20260801T195120+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; L[1]/CyO; P{w[+mC]=UAS-DenMark}3, P{w[+mC]=UAS-syt.eGFP}3.

No alerts have been found for w[1118]; L[1]/CyO; P{w[+mC]=UAS-DenMark}3, P{w[+mC]=UAS-syt.eGFP}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Henning M, et al. (2026) Inhibitory columnar feedback neurons are involved in motion processing in Drosophila. eLife, 14.

Wang Y, et al. (2026) A bidirectional brain-fat body axis for pathogen avoidance. Neuron.

Richhariya S, et al. (2025) Metabolic rewiring prevents neurodegeneration caused by chronic mitochondrial dysfunction. Current biology : CB, 35(22), 5443.

Fan Y, et al. (2025) The Glutamate-gated Chloride Channel Facilitates Sleep by Enhancing the Excitability of Two Pairs of Neurons in the Ventral Nerve Cord of Drosophila. Neuroscience bulletin.

Zhang T, et al. (2025) Neuropeptide-mediated synaptic plasticity regulates context-dependent mating behaviors in Drosophila. PLoS biology, 23(9), e3003330.

Cheong HSJ, et al. (2024) Organization of an ascending circuit that conveys flight motor state in Drosophila. Current biology : CB, 34(5), 1059.

Jeong J, et al. (2024) Drosulfakinin signaling encodes early-life memory for adaptive social plasticity. eLife, 13.

Yoshinari Y, et al. (2024) A high-protein diet-responsive gut hormone regulates behavioral and metabolic optimization in Drosophila melanogaster. Nature communications, 15(1), 10819.

Dai X, et al. (2024) Four SpsP neurons are an integrating sleep regulation hub in Drosophila. Science advances, 10(47), eads0652.

Gao J, et al. (2024) Dietary L-Glu sensing by enteroendocrine cells adjusts food intake via modulating gut PYY/NPF secretion. Nature communications, 15(1), 3514.

Kasturacharya N, et al. (2023) A STIM dependent dopamine-neuropeptide axis maintains the larval drive to feed and grow in *Drosophila*. *PLoS genetics*, 19(6), e1010435.

Li K, et al. (2023) Belly roll, a GPI-anchored Ly6 protein, regulates *Drosophila melanogaster* escape behaviors by modulating the excitability of nociceptive peptidergic interneurons. *eLife*, 12.

Oikawa I, et al. (2023) A descending inhibitory mechanism of nociception mediated by an evolutionarily conserved neuropeptide system in *Drosophila*. *eLife*, 12.

Mohamed A, et al. (2023) Mushroom body output neurons MBON-a1/a2 define an odor intensity channel that regulates behavioral odor discrimination learning in larval *Drosophila*. *Frontiers in physiology*, 14, 1111244.

Shen P, et al. (2023) Neural circuit mechanisms linking courtship and reward in *Drosophila* males. *Current biology : CB*, 33(10), 2034.

Ho MCW, et al. (2022) Sleep need-dependent changes in functional connectivity facilitate transmission of homeostatic sleep drive. *Current biology : CB*, 32(22), 4957.

Yao Z, et al. (2022) Serotonergic neurons translate taste detection into internal nutrient regulation. *Neuron*, 110(6), 1036.

Ohhara Y, et al. (2022) Internal sensory neurons regulate stage-specific growth in *Drosophila*. *Development (Cambridge, England)*, 149(21).

Zhang N, et al. (2022) A pair of commissural command neurons induces *Drosophila* wing grooming. *iScience*, 25(2), 103792.

Sun L, et al. (2022) Recurrent circadian circuitry regulates central brain activity to maintain sleep. *Neuron*, 110(13), 2139.