

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[w\[*\]; P{w\[+mC\]=Tdc2-GAL4.C}2](#)

RRID:BDSC_9313

Type: Organism

Proper Citation

RRID:BDSC_9313

Organism Information

URL: <https://n2t.net/bdsc:9313>

Proper Citation: RRID:BDSC_9313

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Tdc2-GAL4.C}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Jay Hirsh, University of Virginia

Affected Gene: GAL4, Tdc2, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 9313

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9313, BL9313

Organism Name: w[*]; P{w[+mC]=Tdc2-GAL4.C}2

Record Creation Time: 20240911T222223+0000

Record Last Update: 20260801T194707+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Tdc2-GAL4.C}2.

No alerts have been found for w[*]; P{w[+mC]=Tdc2-GAL4.C}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 92 mentions in open access literature.

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

Chaverra M, et al. (2026) Two classes of amine/glutamate multi-transmitter neurons innervate Drosophila internal male reproductive organs. *eLife*, 14.

Bakshinska D, et al. (2025) Synapse-specific catecholaminergic modulation of neuronal glutamate release. *Proceedings of the National Academy of Sciences of the United States of America*, 122(1), e2420496121.

Ding G, et al. (2025) A tumor-secreted protein utilizes glucagon release to cause host wasting. *Cell discovery*, 11(1), 11.

Nunez KM, et al. (2025) Hunger Recruits a Parallel Circuit Encoding Alcohol Reward. *bioRxiv : the preprint server for biology*.

Meng Z, et al. (2025) Neurexin regulates mechanical nociceptive sensitization by central inhibition in Drosophila. *Science advances*, 11(51), eadz9682.

Smithson LJ, et al. (2025) Axonal injury signaling is restrained by a spared synaptic branch. *eLife*, 13.

Mou Y, et al. (2025) Intermittent Vibration Induces Sleep via an Allatostatin A-GABA Signaling Pathway and Provides Broad Benefits in Alzheimer's Disease Models. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(5), e2411768.

Wu H, et al. (2025) Octopamine signaling regulates the intracellular pattern of the presynaptic active zone scaffold within Drosophila mushroom body neurons. *PLoS biology*, 23(10), e3003449.

Bervoets S, et al. (2025) dArc1 controls sugar reward valuation in Drosophila melanogaster. *Current biology : CB*, 35(17), 4188.

Fernandez-Acosta M, et al. (2025) Triggering and modulation of a complex behavior by a single peptidergic command neuron in Drosophila. *Proceedings of the National Academy of Sciences of the United States of America*, 122(11), e2420452122.

Bisen RS, et al. (2025) Nutritional state-dependent modulation of insulin-producing cells in Drosophila. *eLife*, 13.

Chaverra M, et al. (2025) Two classes of amine/glutamate multi-transmitter neurons innervate *Drosophila* internal male reproductive organs. *bioRxiv : the preprint server for biology*.

Warnecke C, et al. (2025) Re-exposure to reward re-evaluates related memories. *Current biology : CB*.

Kautzmann S, et al. (2025) Cholinergic and Glutamatergic Axons Differentially Require Glial Support in the *Drosophila* PNS. *Glia*, 73(7), 1365.

Held M, et al. (2025) Aminergic and peptidergic modulation of insulin-producing cells in *Drosophila*. *eLife*, 13.

Meimoun NS, et al. (2025) GABAergic neurons are a key cell type in a *Drosophila* model of PARK14/PLA2G6-associated neurodegeneration. *Frontiers in neuroscience*, 19, 1534243.

Hu J, et al. (2024) The gut microbiome promotes locomotion of *Drosophila* larvae via octopamine signaling. *Insect science*.

Lv M, et al. (2024) An octopamine-specific GRAB sensor reveals a monoamine relay circuitry that boosts aversive learning. *bioRxiv : the preprint server for biology*.

Yip C, et al. (2024) Neuronal E93 is required for adaptation to adult metabolism and behavior. *Molecular metabolism*, 84, 101939.

Babski H, et al. (2024) Octopaminergic descending neurons in *Drosophila*: Connectivity, tonic activity and relation to locomotion. *Heliyon*, 10(9), e29952.