

# Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

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

RRID:BDSC\_9313

Type: Organism

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## Proper Citation

RRID:BDSC\_9313

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## 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:** 20260815T191317+0000

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

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 96 mentions in open access literature.

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

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

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

Sumit AF, et al. (2026) ??-adrenergic-like signalling engages CrebB in Drosophila gut to promote female longevity. *Nature communications*, 17(1).

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.

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

Ladd CE, et al. (2025) Behavior choices amongst grooming, feeding and courting in Drosophila show contextual flexibility, not an absolute hierarchy of needs. *The Journal of experimental biology*, 228(23).

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

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.

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

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.

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

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*.

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.

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

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

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