

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

[w\[*\]; P{y\[+t7.7\] w\[+mC\]=UAS-GtACR1.d.EYFP}attP2](#)

RRID:BDSC_92983

Type: Organism

Proper Citation

RRID:BDSC_92983

Organism Information

URL: <https://n2t.net/bdsc:92983>

Proper Citation: RRID:BDSC_92983

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7] w[+mC]=UAS-GtACR1.d.EYFP}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Adam Claridge-Chang & Xianyuan Zhang, Duke-NUS Medical School

Affected Gene: GtACR1, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 92983

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_92983, BDSC:92983, BL92983

Organism Name: w[*]; P{y[+t7.7] w[+mC]=UAS-GtACR1.d.EYFP}attP2

Record Creation Time: 20240911T223434+0000

Record Last Update: 20260912T204758+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7] w[+mC]=UAS-GtACR1.d.EYFP}attP2.

No alerts have been found for w[*]; P{y[+t7.7] w[+mC]=UAS-GtACR1.d.EYFP}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Boivin JC, et al. (2026) A positive feedback loop between sensory and octopaminergic neurons underlies nociceptive plasticity in Drosophila larvae. PLoS genetics, 22(4), e1012122.

Date T, et al. (2026) Tonically active interneurons gate motor output in Drosophila larvae. bioRxiv : the preprint server for biology.

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

Mills KM, et al. (2026) Multisensory integration for active mechanosensation in Drosophila flight. Current biology : CB, 36(1), 93.

Syed DS, et al. (2026) Inhibitory circuits control leg movements during Drosophila grooming. eLife, 14.

Padmanabhan A, et al. (2026) Embryonic dopaminergic neuron activity sustains lifelong locomotion in Drosophila. Cell reports, 45(7), 117524.

Sava? D, et al. (2026) Feeding decision-making by a single neuron via disparate neurotransmitters. Nature communications, 17(1).

Siliciano AF, et al. (2025) A vector-based strategy for olfactory navigation in Drosophila. bioRxiv : the preprint server for biology.

Mills KM, et al. (2025) Multisensory integration for active mechanosensation in Drosophila flight. bioRxiv : the preprint server for biology.

Yadav RSP, et al. (2025) DANCE provides an open-source and low-cost approach to quantify aggression and courtship in Drosophila. eLife, 14.

Hindmarsh Sten T, et al. (2025) Male-male interactions shape mate selection in Drosophila. Cell, 188(6), 1486.

Arntsen C, et al. (2025) Artificial sweeteners differentially activate sweet and bitter gustatory neurons in *Drosophila*. *Scientific reports*, 15(1), 20785.

Yoshino J, et al. (2025) *Drosophila* epidermal cells are intrinsically mechanosensitive and modulate nociceptive behavioral outputs. *eLife*, 13.

Hsu CT, et al. (2025) Clock-dependent regulation of a homeostatic sleep center maintains daytime sleep and evening activity. *Current biology : CB*, 35(14), 3496.

Zhou M, et al. (2025) Central clock drives foraging rhythm through modulating food odor attraction in *Drosophila*. *Current biology : CB*.

Schoofs A, et al. (2024) Serotonergic modulation of swallowing in a complete fly vagus nerve connectome. *Current biology : CB*, 34(19), 4495.

Çoban B, et al. (2024) The caloric value of food intake structurally adjusts a neuronal mushroom body circuit mediating olfactory learning in *Drosophila*. *Learning & memory* (Cold Spring Harbor, N.Y.), 31(5).

Syed DS, et al. (2024) Inhibitory circuits generate rhythms for leg movements during *Drosophila* grooming. *bioRxiv : the preprint server for biology*.

Godesberg V, et al. (2024) Natural variability and individuality of walking behavior in *Drosophila*. *The Journal of experimental biology*, 227(22).

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