

Resource Summary Report

Generated by T1D on Sep 19, 2026

w[*]; P{y[+t7.7] w[+mC]=40XUAS-IVS-mCD8::GFP}attP2

RRID:BDSC_32195

Type: Organism

Proper Citation

RRID:BDSC_32195

Organism Information

URL: <https://n2t.net/bdsc:32195>

Proper Citation: RRID:BDSC_32195

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7] w[+mC]=40XUAS-IVS-mCD8::GFP}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Gerald M. Rubin & Barret Pfeiffer, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 32195

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32195, BDSC:32195, BL32195

Organism Name: w[*]; P{y[+t7.7] w[+mC]=40XUAS-IVS-mCD8::GFP}attP2

Record Creation Time: 20240911T222530+0000

Record Last Update: 20260912T203610+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7] w[+mC]=40XUAS-IVS-mCD8::GFP}attP2.

No alerts have been found for w[*]; P{y[+t7.7] w[+mC]=40XUAS-IVS-mCD8::GFP}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

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

Salman F, et al. (2025) Connectivity of serotonin neurons reveals a constrained inhibitory subnetwork within the olfactory system. *bioRxiv : the preprint server for biology*.

Jonaitis J, et al. (2025) Differential modulation of feedforward inhibition reflects topographic organization in the olfactory system. *Nature communications*, 16(1), 11165.

Higginson LA, et al. (2025) The RNA exosome maintains cellular RNA homeostasis by controlling transcript abundance in the brain. *Cell reports*, 45(1), 116729.

Deng X, et al. (2025) Monoacylglycerol acyltransferase maintains ionotropic receptor expression for cool temperature sensing and avoidance in *Drosophila*. *Communications biology*, 8(1), 765.

Erginkaya M, et al. (2025) A competitive disinhibitory network for robust optic flow processing in *Drosophila*. *Nature neuroscience*, 28(6), 1241.

Stonemetz JM, et al. (2025) The Roles of Discrete Populations of Neurons Expressing Short Neuropeptide F in Sleep Induction in *Drosophila melanogaster*. *Genes, brain, and behavior*, 24(1), e70010.

Ray V, et al. (2025) The TRP-channel painless mediates substrate stiffness sensing in the legs during *Drosophila* oviposition. *PLoS genetics*, 21(12), e1011980.

Du C, et al. (2025) Social experience alters behaviors by reprogramming the Fruitless pathway and circadian state in *Drosophila*. *bioRxiv : the preprint server for biology*.

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

Wu G, et al. (2024) Opposing GPCR signaling programs protein intake setpoint in *Drosophila*. *Cell*, 187(19), 5376.

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

Sato S, et al. (2023) Avoidance of thiazoline compound depends on multiple sensory pathways mediated by TrpA1 and ORs in *Drosophila*. *Frontiers in molecular neuroscience*, 16, 1249715.

Masuzzo A, et al. (2022) Bacteria-Derived Peptidoglycan Triggers a Noncanonical Nuclear Factor- κ B-Dependent Response in *Drosophila* Gustatory Neurons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(41), 7809.

Stanley M, et al. (2021) Mechanisms of lactic acid gustatory attraction in *Drosophila*. *Current biology : CB*, 31(16), 3525.

Nojima T, et al. (2021) A sex-specific switch between visual and olfactory inputs underlies adaptive sex differences in behavior. *Current biology : CB*, 31(6), 1175.

Musso PY, et al. (2021) A neural circuit linking two sugar sensors regulates satiety-dependent fructose drive in *Drosophila*. *Science advances*, 7(49), eabj0186.

Leung NY, et al. (2020) Functions of Opsins in *Drosophila* Taste. *Current biology : CB*, 30(8), 1367.

Boto T, et al. (2019) Independent Contributions of Discrete Dopaminergic Circuits to Cellular Plasticity, Memory Strength, and Valence in *Drosophila*. *Cell reports*, 27(7), 2014.