

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[y\[1\] w\[*\] P{y\[+t7.7\] w\[+mC\]=UAS-myrGFP.QUAS-mtdTomato-3xHA}su\(Hw\)attP8; P{y\[+t7.7\] w\[+mC\]=trans-Tango}attP40](#)

RRID:BDSC_77124

Type: Organism

Proper Citation

RRID:BDSC_77124

Organism Information

URL: <https://n2t.net/bdsc:77124>

Proper Citation: RRID:BDSC_77124

Description: Drosophila melanogaster with name y[1] w[*] P{y[+t7.7] w[+mC]=UAS-myrGFP.QUAS-mtdTomato-3xHA}su(Hw)attP8; P{y[+t7.7] w[+mC]=trans-Tango}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Mustafa Talay & Gilad Barnea, Brown University

Affected Gene: elav, Hsap\ARRB2, Hsap\GCG, nSyb, QF, UAS, Avic\GFP, Disc\RFP, QUAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 77124

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_77124, BDSC:77124, BL77124

Organism Name: y[1] w[*] P{y[+t7.7] w[+mC]=UAS-myrGFP.QUAS-mtdTomato-3xHA}su(Hw)attP8; P{y[+t7.7] w[+mC]=trans-Tango}attP40

Record Creation Time: 20240911T223159+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*] P{y[+t7.7] w[+mC]=UAS-myrGFP.QUAS-mtdTomato-3xHA}su(Hw)attP8; P{y[+t7.7] w[+mC]=trans-Tango}attP40.

No alerts have been found for y[1] w[*] P{y[+t7.7] w[+mC]=UAS-myrGFP.QUAS-mtdTomato-3xHA}su(Hw)attP8; P{y[+t7.7] w[+mC]=trans-Tango}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Feng KL, et al. (2026) Individualized decision-making driven by long-term memory retrieval in Drosophila. Cell reports, 45(4), 117139.

Markovitsch JW, et al. (2026) Sequential formation of Drosophila circuit asymmetry via prolonged structural plasticity. Science advances, 12(13), eaea6020.

Palmateer CM, et al. (2026) Investigating the fruitless-directed molecular and circuit architecture of courtship behavior in Drosophila melanogaster, Drosophila simulans, and their hybrids. Genetics, 233(1).

Gao C, et al. (2025) Social experience shapes fighting strategies in Drosophila. eLife, 13.

Yamakoshi H, et al. (2025) Mating status-dependent dopaminergic modulation of auditory sensory neurons in Drosophila. iScience, 28(9), 113232.

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

Xia Y, et al. (2025) miR-124 acts During Drosophila Development to Determine the Phase of Adult Circadian Behavior. Journal of biological rhythms, 7487304251361579.

Mollá-Albaladejo R, et al. (2025) Molecular characterization of gustatory second-order neurons reveals integrative mechanisms of gustatory and metabolic information. eLife, 13.

Castaneda AN, et al. (2024) Functional labeling of individualized postsynaptic neurons using optogenetics and trans-Tango in Drosophila (FLIPSOT). PLoS genetics, 20(3), e1011190.

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.

Sun J, et al. (2024) A neurotrophin functioning with a Toll regulates structural plasticity in a dopaminergic circuit. *eLife*, 13.

Ehrlich A, et al. (2024) Tango-seq: overlaying transcriptomics on connectomics to identify neurons downstream of *Drosophila* clock neurons. *bioRxiv : the preprint server for biology*.

Zhao H, et al. (2024) A neural pathway for social modulation of spontaneous locomotor activity (SoMo-SLA) in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 121(9), e2314393121.

Catterson JH, et al. (2024) *Drosophila* appear resistant to trans-synaptic tau propagation. *Brain communications*, 6(4), fcae256.

Meschi E, et al. (2024) Compensatory enhancement of input maintains aversive dopaminergic reinforcement in hungry *Drosophila*. *Neuron*, 112(14), 2315.

González Segarra AJ, et al. (2023) Hunger- and thirst-sensing neurons modulate a neuroendocrine network to coordinate sugar and water ingestion. *eLife*, 12.

Singh P, et al. (2023) Examining Sleep Modulation by *Drosophila* Ellipsoid Body Neurons. *eNeuro*, 10(9).

Majcin Dorcikova M, et al. (2023) Circadian clock disruption promotes the degeneration of dopaminergic neurons in male *Drosophila*. *Nature communications*, 14(1), 5908.

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