Resource Summary Report

Generated by dkNET on Aug 17, 2026

y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HM04077}attP2

RRID:BDSC_31765
Type: Organism

Proper Citation

RRID:BDSC_31765

Organism Information

URL: https://n2t.net/bdsc:31765

Proper Citation: RRID:BDSC_31765

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HM04077}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Dop1R1, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 31765

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_31765, BL31765

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HM04077}attP2

Record Creation Time: 20240911T222527+0000

Record Last Update: 20260815T191708+0000

Ratings and Alerts

No rating or validation information has been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HM04077}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HM04077}attP2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

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

Saldes EB, et al. (2025) Nighttime caffeine intake increases motor impulsivity. iScience, 28(8), 113197.

Saldes EB, et al. (2025) Nighttime Caffeine Intake Increases Motor Impulsivity. bioRxiv : the preprint server for biology.

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

Imoto K, et al. (2024) Neural-circuit basis of song preference learning in fruit flies. iScience, 27(7), 110266.

Le JQ, et al. (2024) Light and dopamine impact two circadian neurons to promote morning wakefulness. Current biology : CB, 34(17), 3941.

Titos I, et al. (2023) A gut-secreted peptide suppresses arousability from sleep. Cell, 186(7), 1382.

Noyes NC, et al. (2023) Innate and learned odor-guided behaviors utilize distinct molecular signaling pathways in a shared dopaminergic circuit. Cell reports, 42(2), 112026.

Bazzi W, et al. (2023) Gcm counteracts Toll-induced inflammation and impacts hemocyte number through cholinergic signaling. Frontiers in immunology, 14, 1293766.

Qiao J, et al. (2022) Input-timing-dependent plasticity at incoming synapses of the mushroom body facilitates olfactory learning in Drosophila. Current biology : CB, 32(22), 4869.

Driscoll M, et al. (2021) Compartment specific regulation of sleep by mushroom body requires GABA and dopaminergic signaling. Scientific reports, 11(1), 20067.

Evans CJ, et al. (2021) A functional genomics screen identifying blood cell development genes in Drosophila by undergraduates participating in a course-based research experience. G3 (Bethesda, Md.), 11(1).

El Kholy S, et al. (2021) Dopamine Modulates Drosophila Gut Physiology, Providing New Insights for Future Gastrointestinal Pharmacotherapy. Biology, 10(10).

Silva B, et al. (2020) Dop1R1, a type 1 dopaminergic receptor expressed in Mushroom Bodies, modulates Drosophila larval locomotion. PloS one, 15(2), e0229671.

Ma T, et al. (2020) RNAi-based screens uncover a potential new role for the orphan neuropeptide receptor Moody in Drosophila female germline stem cell maintenance. PloS one, 15(12), e0243756.

Fernandez-Chiappe F, et al. (2020) Dopamine Signaling in Wake-Promoting Clock Neurons Is Not Required for the Normal Regulation of Sleep in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(50), 9617.

Kacsoh BZ, et al. (2019) New Drosophila Long-Term Memory Genes Revealed by Assessing Computational Function Prediction Methods. G3 (Bethesda, Md.), 9(1), 251.