

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF01877}attP2](#)

RRID:BDSC_25856

Type: Organism

Proper Citation

RRID:BDSC_25856

Organism Information

URL: <https://n2t.net/bdsc:25856>

Proper Citation: RRID:BDSC_25856

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01877}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: ChAT, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 25856

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25856, BDSC:25856, BL25856

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01877}attP2

Record Creation Time: 20240911T222430+0000

Record Last Update: 20260919T202819+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.JF01877}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01877}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

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

Lee WP, et al. (2025) Dynamics of two distinct memory interactions during water seeking in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 122(16), e2422028122.

Shi Y, et al. (2025) Molecular and neural basis of vomiting behavior in Drosophila melanogaster. Science advances, 11(37), eadv1143.

Zhang T, et al. (2025) SIFamide-dependent synaptic plasticity in male-specific GABAergic neurons underlies experience-modulated mating behaviors. iScience, 28(10), 113516.

Petsakou A, et al. (2023) Cholinergic neurons trigger epithelial Ca²⁺ currents to heal the gut. Nature, 623(7985), 122.

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

Petsakou A, et al. (2023) Epithelial Ca²⁺ waves triggered by enteric neurons heal the gut. bioRxiv : the preprint server for biology.

Chiang MH, et al. (2023) Independent insulin signaling modulators govern hot avoidance under different feeding states. PLoS biology, 21(10), e3002332.

Gonz Lez-Segarra AJ, et al. (2023) Hunger- and thirst-sensing neurons modulate a neuroendocrine network to coordinate sugar and water ingestion. bioRxiv : the preprint server for biology.

Sun L, et al. (2022) Recurrent circadian circuitry regulates central brain activity to maintain sleep. Neuron, 110(13), 2139.

Sabandal PR, et al. (2022) Acetylcholine deficit causes dysfunctional inhibitory control in an aging-dependent manner. *Scientific reports*, 12(1), 20903.

Duhart JM, et al. (2020) Circadian Structural Plasticity Drives Remodeling of E Cell Output. *Current biology : CB*, 30(24), 5040.

Yoshinari Y, et al. (2020) Neuronal octopamine signaling regulates mating-induced germline stem cell increase in female *Drosophila melanogaster*. *eLife*, 9.

Madhwal S, et al. (2020) Metabolic control of cellular immune-competency by odors in *Drosophila*. *eLife*, 9.

Khuong TM, et al. (2019) Nerve injury drives a heightened state of vigilance and neuropathic sensitization in *Drosophila*. *Science advances*, 5(7), eaaw4099.