

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\]
v\[+t1.8\]=TRiP.JF01863}attP2/TM3, Sb\[1\]](#)

RRID:BDSC_25842

Type: Organism

Proper Citation

RRID:BDSC_25842

Organism Information

URL: <https://n2t.net/bdsc:25842>

Proper Citation: RRID:BDSC_25842

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7]
v[+t1.8]=TRiP.JF01863}attP2/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Trhn, UAS, Sb, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 25842

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25842, BDSC:25842, BL25842

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01863}attP2/TM3, Sb[1]

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[+7.7] v[+1.8]=TRiP.JF01863}attP2/TM3, Sb[1].

No alerts have been found for y[1] v[1]; P{y[+7.7] v[+1.8]=TRiP.JF01863}attP2/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Miller VK, et al. (2025) Glia-to-glia serotonin signaling directs MMP-dependent infiltration for experience-dependent synapse pruning. PLoS biology, 23(12), e3003524.

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

Jiang R, et al. (2025) Regulation of pre-dawn arousal in Drosophila by a pair of trissinergic descending neurons of the visual and circadian networks. Current biology : CB, 35(8), 1750.

Miller VK, et al. (2024) Experience-dependent serotonergic signaling in glia regulates targeted synapse elimination. PLoS biology, 22(10), e3002822.

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

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.

Hermanns T, et al. (2022) Octopamine mediates sugar relief from a chronic-stress-induced depression-like state in Drosophila. Current biology : CB, 32(18), 4048.

Cao H, et al. (2022) Autism-like behaviors regulated by the serotonin receptor 5-HT2B in the dorsal fan-shaped body neurons of Drosophila melanogaster. European journal of medical research, 27(1), 203.

Scheunemann L, et al. (2018) Dunce Phosphodiesterase Acts as a Checkpoint for Drosophila Long-Term Memory in a Pair of Serotonergic Neurons. Neuron, 98(2), 350.