

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF01673}attP2](#)

RRID:BDSC_31171

Type: Organism

Proper Citation

RRID:BDSC_31171

Organism Information

URL: <https://n2t.net/bdsc:31171>

Proper Citation: RRID:BDSC_31171

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01673}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Oamb, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 31171

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_31171, BDSC:31171, BL31171

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01673}attP2

Record Creation Time: 20240911T222521+0000

Record Last Update: 20260905T140312+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.JF01673}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01673}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Boivin JC, et al. (2026) A positive feedback loop between sensory and octopaminergic neurons underlies nociceptive plasticity in Drosophila larvae. PLoS genetics, 22(4), e1012122.

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

El-Kholy SE, et al. (2022) Octopamine signaling via Oct²R is essential for a well-orchestrated climbing performance of adult Drosophila melanogaster. Scientific reports, 12(1), 14024.

Pauls D, et al. (2021) Endocrine signals fine-tune daily activity patterns in Drosophila. Current biology : CB, 31(18), 4076.

Li H, et al. (2021) Bidirectional regulation of glial potassium buffering - glioprotection versus neuroprotection. eLife, 10.

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

Imura E, et al. (2020) The Corazonin-PTTH Neuronal Axis Controls Systemic Body Growth by Regulating Basal Ecdysteroid Biosynthesis in Drosophila melanogaster. Current biology : CB, 30(11), 2156.

Sujkowski A, et al. (2020) Alpha- and beta-adrenergic octopamine receptors in muscle and heart are required for Drosophila exercise adaptations. PLoS genetics, 16(6), e1008778.