

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF02805}attP2](#)

RRID:BDSC_27723

Type: Organism

Proper Citation

RRID:BDSC_27723

Organism Information

URL: <https://n2t.net/bdsc:27723>

Proper Citation: RRID:BDSC_27723

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02805}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: mts, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 27723

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_27723, BL27723

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02805}attP2

Record Creation Time: 20240911T222448+0000

Record Last Update: 20260815T191615+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.JF02805}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02805}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Wu SC, et al. (2025) Dysfunctional BCAA degradation triggers neuronal damage through disrupted AMPK-mitochondrial axis due to enhanced PP2Ac interaction. Communications biology, 8(1), 105.

Gao Z, et al. (2024) Patronin regulates presynaptic microtubule organization and neuromuscular junction development in Drosophila. iScience, 27(2), 108944.

Hayne M, et al. (2022) Protein phosphatase 2A restrains DLK signaling to promote proper Drosophila synaptic development and mammalian cortical neuron survival. Neurobiology of disease, 163, 105586.

Pojer JM, et al. (2021) The Hippo pathway uses different machinery to control cell fate and organ size. iScience, 24(8), 102830.

Gong NN, et al. (2021) The chromatin remodeler ISWI acts during Drosophila development to regulate adult sleep. Science advances, 7(8).

Sheng Z, et al. (2020) NatB regulates Rb mutant cell death and tumor growth by modulating EGFR/MAPK signaling through the N-end rule pathways. PLoS genetics, 16(6), e1008863.

Rui M, et al. (2020) Protein phosphatase PP2A regulates microtubule orientation and dendrite pruning in Drosophila. EMBO reports, 21(5), e48843.

Kumar T, et al. (2020) Topology-driven protein-protein interaction network analysis detects genetic sub-networks regulating reproductive capacity. eLife, 9.

Chen Y, et al. (2020) Protein phosphatase 1 activity controls a balance between collective and single cell modes of migration. eLife, 9.

Kim LH, et al. (2019) Protein phosphatase 2A interacts with Verthandi/Rad21 to regulate mitosis and organ development in Drosophila. Scientific reports, 9(1), 7624.