

Resource Summary Report

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

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF02273}attP2](#)

RRID:BDSC_26731

Type: Organism

Proper Citation

RRID:BDSC_26731

Organism Information

URL: <https://n2t.net/bdsc:26731>

Proper Citation: RRID:BDSC_26731

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02273}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Atg1, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 26731

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_26731, BDSC:26731, BL26731

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02273}attP2

Record Creation Time: 20240911T222439+0000

Record Last Update: 20260919T202833+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.JF02273}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02273}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Kong X, et al. (2026) NF- κ B restrains nutrient-dependent transcription programs through chromatin modulation in Drosophila. Nucleic acids research, 54(2).

Luo J, et al. (2026) APP Induces AICD-Mediated Autophagy-Dependent Axon Degeneration. Aging cell, 25(1), e70301.

Katz MJ, et al. (2025) Autophagy controls differentiation of Drosophila blood cells by regulating Notch levels in response to nutrient availability. Nature communications, 16(1), 5858.

Zhang J, et al. (2025) Nutrient status alters developmental fates via a switch in mitochondrial homeodynamics. Nature communications, 16(1), 1258.

Hsu CH, et al. (2025) The cell autonomous and non-autonomous functions of Rab27 in longevity and neuroprotection in Drosophila. Autophagy, 21(12), 2809.

Bretscher H, et al. (2025) Glycogen homeostasis and mitochondrial DNA expression require motor neuron to muscle TGF- β /Activin signaling in Drosophila. iScience, 28(1), 111611.

Teles-Reis J, et al. (2025) EyaHOST, a modular genetic system for investigation of intercellular and tumor-host interactions in Drosophila melanogaster. Cell reports methods, 5(11), 101220.

Liu Y, et al. (2025) Hepatic ceramide synthesis links systemic inflammation to organelle dysfunction in cancer. bioRxiv : the preprint server for biology.

Yang Y, et al. (2024) Innate immune and proinflammatory signals activate the Hippo pathway via a Tak1-STRIPAK-Tao axis. Nature communications, 15(1), 145.

Nguyen PK, et al. (2024) Drosophila medulla neuroblast termination via apoptosis, differentiation, and gliogenic switch is scheduled by the depletion of the neuroepithelial stem cell pool. eLife, 13.

Teles-Reis J, et al. (2024) EyaHOST, a modular genetic system for investigation of intercellular and tumor-host interactions in *Drosophila melanogaster*. *bioRxiv : the preprint server for biology*.

Na D, et al. (2023) A multi-layered network model identifies Akt1 as a common modulator of neurodegeneration. *Molecular systems biology*, 19(12), e11801.

Sharma A, et al. (2023) Restoration of Sleep and Circadian Behavior by Autophagy Modulation in Huntington's Disease. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(26), 4907.

Ikegawa Y, et al. (2023) Evidence for existence of an apoptosis-inducing BH3-only protein, sayonara, in *Drosophila*. *The EMBO journal*, 42(8), e110454.

Shekhar S, et al. (2023) Allnighter pseudokinase-mediated feedback links proteostasis and sleep in *Drosophila*. *Nature communications*, 14(1), 2932.

Bierlein M, et al. (2023) Autophagy impairment and lifespan reduction caused by Atg1 RNAi or Atg18 RNAi expression in adult fruit flies (*Drosophila melanogaster*). *Genetics*, 225(2).

Islam A, et al. (2023) Chromosomal Instability Causes Sensitivity to Polyamines and One-Carbon Metabolism. *Metabolites*, 13(5).

Ciesielski HM, et al. (2022) Erebosis, a new cell death mechanism during homeostatic turnover of gut enterocytes. *PLoS biology*, 20(4), e3001586.

Nagata R, et al. (2022) Yorkie drives supercompetition by non-autonomous induction of autophagy via bantam microRNA in *Drosophila*. *Current biology : CB*, 32(5), 1064.

Nassari S, et al. (2022) Rab21 in enterocytes participates in intestinal epithelium maintenance. *Molecular biology of the cell*, 33(4), ar32.