

Resource Summary Report

Generated by SPARC SAWG on Aug 7, 2026

y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02750}attP40

RRID:BDSC_44034

Type: Organism

Proper Citation

RRID:BDSC_44034

Organism Information

URL: <https://n2t.net/bdsc:44034>

Proper Citation: RRID:BDSC_44034

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02750}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Transgenic RNAi Project

Affected Gene: Atg1, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 44034

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_44034, BL44034

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02750}attP40

Record Creation Time: 20240911T222719+0000

Record Last Update: 20260801T195338+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.HMS02750}attP40.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02750}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Park D, et al. (2026) Evidence that injury can cause Drosophila gut differentiated, polyploid enterocytes to be recruited as stem cells via paligenosis. bioRxiv : the preprint server for biology.

Hilpert DC, et al. (2025) Basal autophagy during meiotic prophase I is required for accurate chromosome segregation in Drosophila oocytes and declines during oocyte aging. bioRxiv : the preprint server for biology.

Lee KM, et al. (2025) Exploring mitophagy levels in Drosophila Malpighian tubules unveils the pivotal role of mitophagy in kidney function and diabetic kidney disease. Experimental & molecular medicine, 57(10), 2364.

Qin P, et al. (2025) Age mosaic of gut epithelial cells prevents aging. Nature communications, 16(1), 6734.

Huang YT, et al. (2025) Activation of a Src-JNK pathway in unscheduled endocycling cells of the Drosophila wing disc induces a chronic wounding response. bioRxiv : the preprint server for biology.

Im S, et al. (2025) A novel isoquinoline mitophagy inducer ameliorates paclitaxel-induced peripheral neuropathy in Drosophila and mouse models. Scientific reports, 15(1), 20960.

Zhao Y, et al. (2025) Piezo, Nephrocyte Function, and Slit Diaphragm Maintenance in Drosophila. Journal of the American Society of Nephrology : JASN, 36(3), 393.

Yue T, et al. (2025) High-fat diet impairs intermediate-term memory by autophagic-lysosomal dysfunction in Drosophila. PLoS genetics, 21(8), e1011818.

Tan JYK, et al. (2024) Interplay between autophagy and CncC regulates dendrite pruning in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 121(10), e2310740121.

Chang YC, et al. (2024) Identification of secretory autophagy as a mechanism modulating activity-induced synaptic remodeling. *Proceedings of the National Academy of Sciences of the United States of America*, 121(16), e2315958121.

Zhou Y, et al. (2023) The RagA GTPase protects young egg chambers in *Drosophila*. *Cell reports*, 42(6), 112631.

Pino-Jiménez B, et al. (2023) Polyploidy-associated autophagy promotes larval tracheal histolysis at *Drosophila* metamorphosis. *Autophagy*, 19(11), 2972.

Mabuchi Y, et al. (2023) Visual feedback neurons fine-tune *Drosophila* male courtship via GABA-mediated inhibition. *Current biology : CB*, 33(18), 3896.

Suyama R, et al. (2023) Microbes control *Drosophila* germline stem cell increase and egg maturation through hormonal pathways. *Communications biology*, 6(1), 1287.

Recasens-Alvarez C, et al. (2021) Ribosomopathy-associated mutations cause proteotoxic stress that is alleviated by TOR inhibition. *Nature cell biology*, 23(2), 127.

Deehan M, et al. (2021) Intracellular Density of *Wolbachia* Is Mediated by Host Autophagy and the Bacterial Cytoplasmic Incompatibility Gene *cifB* in a Cell Type-Dependent Manner in *Drosophila melanogaster*. *mBio*, 12(1).

Ulgherait M, et al. (2021) Circadian autophagy drives iTRF-mediated longevity. *Nature*, 598(7880), 353.

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

Sênos Demarco R, et al. (2020) EGFR Signaling Stimulates Autophagy to Regulate Stem Cell Maintenance and Lipid Homeostasis in the *Drosophila* Testis. *Cell reports*, 30(4), 1101.

Peterson NG, et al. (2020) Cytoplasmic sharing through apical membrane remodeling. *eLife*, 9.