

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF02787}attP2](#)

RRID:BDSC_27707

Type: Organism

Proper Citation

RRID:BDSC_27707

Organism Information

URL: <https://n2t.net/bdsc:27707>

Proper Citation: RRID:BDSC_27707

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02787}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Atg7, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 27707

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_27707, BL27707

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02787}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.JF02787}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02787}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Andresen S, et al. (2025) Improved detection of lipidated Atg8a by immunoblotting in Drosophila melanogaster cells and tissues enables precise investigation of Atg8a flux and its termination. Autophagy, 1.

Szypulski K, et al. (2024) Autophagy as a new player in the regulation of clock neurons physiology of Drosophila melanogaster. Scientific reports, 14(1), 6085.

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

Pai YL, et al. (2023) The deubiquitinase Leon/USP5 interacts with Atg1/ULK1 and antagonizes autophagy. Cell death & disease, 14(8), 540.

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

Damulewicz M, et al. (2022) Glia-Neurons Cross-Talk Regulated Through Autophagy. Frontiers in physiology, 13, 886273.

Bedont JL, et al. (2021) Short and long sleeping mutants reveal links between sleep and macroautophagy. eLife, 10.

Zhuang L, et al. (2020) CHIP modulates APP-induced autophagy-dependent pathological symptoms in Drosophila. Aging cell, 19(2), e13070.

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

Johnson SL, et al. (2019) Differential toxicity of ataxin-3 isoforms in Drosophila models of Spinocerebellar Ataxia Type 3. Neurobiology of disease, 132, 104535.

Bhukel A, et al. (2019) Autophagy within the mushroom body protects from synapse aging in a non-cell autonomous manner. Nature communications, 10(1), 1318.

Pan X, et al. (2019) A Tissue- and Temporal-Specific Autophagic Switch Controls *Drosophila* Pre-metamorphic Nutritional Checkpoints. *Current biology : CB*, 29(17), 2840.

Jiang K, et al. (2018) An intracellular activation of Smoothed that is independent of Hedgehog stimulation in *Drosophila*. *Journal of cell science*, 131(1).

Billes V, et al. (2018) Developmentally regulated autophagy is required for eye formation in *Drosophila*. *Autophagy*, 14(9), 1499.

Reynolds-Peterson CE, et al. (2017) Heparan sulfate proteoglycans regulate autophagy in *Drosophila*. *Autophagy*, 13(8), 1262.