

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS01328}attP2](#)

RRID:BDSC_34340

Type: Organism

Proper Citation

RRID:BDSC_34340

Organism Information

URL: <https://n2t.net/bdsc:34340>

Proper Citation: RRID:BDSC_34340

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01328}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Atg8a, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 34340

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_34340, BDSC:34340, BL34340

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01328}attP2

Record Creation Time: 20240911T222551+0000

Record Last Update: 20260912T203636+0000

Ratings and Alerts

No rating or validation information has been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01328}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01328}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

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.

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.

Luo T, et al. (2025) Asparagine prevents intestinal stem cell aging via the autophagy-lysosomal pathway. Aging cell, 24(4), e14423.

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.

Scepanovic G, et al. (2025) mTor limits autophagy to facilitate cell volume expansion and rapid wound repair in Drosophila embryos. Developmental cell, 60(10), 1400.

Hatfield T, et al. (2025) Quantification of Drosophila melanogaster Grooming Behavior for Evaluation of Excessive Grooming Phenotypes. Journal of visualized experiments : JoVE(217).

Peralta J, et al. (2024) Drosophila Nhe2 overexpression induces autophagic cell death. Molecular biology of the cell, 35(7), br13.

Madan A, et al. (2024) Atg8/LC3 controls systemic nutrient surplus signaling in flies and humans. Current biology : CB, 34(15), 3327.

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

Caravello G, et al. (2022) Phagocytosis Is the Sole Arm of *Drosophila melanogaster* Known Host Defenses That Provides Some Protection Against Microsporidia Infection. *Frontiers in immunology*, 13, 858360.

Tarayrah-Ibraheim L, et al. (2021) DNase II mediates a parthanatos-like developmental cell death pathway in *Drosophila* primordial germ cells. *Nature communications*, 12(1), 2285.

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

Bonfini A, et al. (2021) Multiscale analysis reveals that diet-dependent midgut plasticity emerges from alterations in both stem cell niche coupling and enterocyte size. *eLife*, 10.

Cunningham KM, et al. (2020) TFEB/Mitf links impaired nuclear import to autophagolysosomal dysfunction in C9-ALS. *eLife*, 9.

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

Nilangekar K, et al. (2019) Generation and Characterization of Germline-Specific Autophagy and Mitochondrial Reactive Oxygen Species Reporters in *Drosophila*. *Frontiers in cell and developmental biology*, 7, 47.

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

Rotelli MD, et al. (2019) An RNAi Screen for Genes Required for Growth of *Drosophila* Wing Tissue. *G3 (Bethesda, Md.)*, 9(10), 3087.