

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[y\[1\] sc\[\\*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS01611}attP2/TM3, Sb\[1\]](#)

RRID:BDSC\_36918

Type: Organism

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## Proper Citation

RRID:BDSC\_36918

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## Organism Information

**URL:** <https://n2t.net/bdsc:36918>

**Proper Citation:** RRID:BDSC\_36918

**Description:** Drosophila melanogaster with name y[1] sc[\*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01611}attP2/TM3, Sb[1] from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Transgenic RNAi Project

**Affected Gene:** Atg17, UAS, Sb, sc, sev, v, y

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 36918

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_36918, BL36918

**Organism Name:** y[1] sc[\*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01611}attP2/TM3, Sb[1]

**Record Creation Time:** 20240911T222618+0000

**Record Last Update:** 20260808T194832+0000

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## 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.HMS01611}attP2/TM3, Sb[1].

No alerts have been found for y[1] sc[\*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01611}attP2/TM3, Sb[1].

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 13 mentions in open access literature.

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

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.

Nelson JO, et al. (2025) Insulin signaling regulates R2 retrotransposon expression to orchestrate transgenerational rDNA copy number maintenance. Nature communications, 16(1), 399.

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.

Taoka H, et al. (2025) Transcriptional dynamics uncover the role of BNIP3 in mitophagy during muscle remodeling in Drosophila. eLife, 14.

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

Valko A, et al. (2022) Adaptation to hypoxia in Drosophila melanogaster requires autophagy. Autophagy, 18(4), 909.

Deng X, et al. (2022) CHMP2B regulates TDP-43 phosphorylation and cytotoxicity independent of autophagy via CK1. The Journal of cell biology, 221(1).

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

Murakawa T, et al. (2020) An autophagy-dependent tubular lysosomal network synchronizes degradative activity required for muscle remodeling. Journal of cell science, 133(21).

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

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

Wang H, et al. (2019) Rapid depletion of ESCRT protein Vps4 underlies injury-induced autophagic impediment and Wallerian degeneration. *Science advances*, 5(2), eaav4971.

Cao X, et al. (2017) In vivo imaging reveals mitophagy independence in the maintenance of axonal mitochondria during normal aging. *Aging cell*, 16(5), 1180.