

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS00119}attP2](#)

RRID:BDSC_34810

Type: Organism

Proper Citation

RRID:BDSC_34810

Organism Information

URL: <https://n2t.net/bdsc:34810>

Proper Citation: RRID:BDSC_34810

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00119}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Prosbeta5, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 34810

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_34810, BDSC:34810, BL34810

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00119}attP2

Record Creation Time: 20240911T222557+0000

Record Last Update: 20260919T203024+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.HMS00119}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00119}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Bellec K, et al. (2026) Non-gonadal PIWIL1/Aubergine drives regenerative and tumorigenic stem cell proliferation and tumorigenesis in the intestine. Cell reports, 45(4), 117186.

Rai M, et al. (2025) Perturbation of multiprotein complexes in skeletal muscle induces protective proteases in the CNS that degrade pathogenic proteins. npj aging, 11(1), 97.

Du Y, et al. (2024) Non-cell autonomous regulation of cell-cell signaling and differentiation by mitochondrial ROS. The Journal of cell biology, 223(12).

Papanagnou ED, et al. (2022) Autophagy activation can partially rescue proteasome dysfunction-mediated cardiac toxicity. Aging cell, 21(11), e13715.

Kong HE, et al. (2022) Identification of PSMB5 as a genetic modifier of fragile X-associated tremor/ataxia syndrome. Proceedings of the National Academy of Sciences of the United States of America, 119(22), e2118124119.

Yin Y, et al. (2022) The CRTC-CREB axis functions as a transcriptional sensor to protect against proteotoxic stress in Drosophila. Cell death & disease, 13(8), 688.

Rylee J, et al. (2022) A TRiP RNAi screen to identify molecules necessary for Drosophila photoreceptor differentiation. G3 (Bethesda, Md.), 12(11).

Kumar A, et al. (2022) The CRL4 E3 ligase Mahjong/DCAF1 controls cell competition through the transcription factor Xrp1, independently of polarity genes. Development (Cambridge, England), 149(22).

Rai M, et al. (2021) Proteasome stress in skeletal muscle mounts a long-range protective response that delays retinal and brain aging. Cell metabolism, 33(6), 1137.

Fernandez-Cruz I, et al. (2020) Rpt2 proteasome subunit reduction causes Parkinson's disease like symptoms in Drosophila. IBRO reports, 9, 65.

Tsakiri EN, et al. (2019) Proteasome dysfunction induces excessive proteome instability and loss of mitostasis that can be mitigated by enhancing mitochondrial fusion or autophagy. *Autophagy*, 15(10), 1757.

Sato K, et al. (2019) Partial proteasomal degradation of Lola triggers the male-to-female switch of a dimorphic courtship circuit. *Nature communications*, 10(1), 166.

Langerak S, et al. (2018) The *Drosophila* TGF-beta/Activin-like ligands Dawdle and Myoglianin appear to modulate adult lifespan through regulation of 26S proteasome function in adult muscle. *Biology open*, 7(4).