

Resource Summary Report

Generated by [Kravitz](#) on Sep 16, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS01519}attP2](#)

RRID:BDSC_35770

Type: Organism

Proper Citation

RRID:BDSC_35770

Organism Information

URL: <https://n2t.net/bdsc:35770>

Proper Citation: RRID:BDSC_35770

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01519}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 35770

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_35770, BDSC:35770, BL35770

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01519}attP2

Record Creation Time: 20240911T222607+0000

Record Last Update: 20260912T203652+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.HMS01519}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01519}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Liew YT, et al. (2026) Loss and gain of motor protein function cause microtubule bundle damage in Drosophila axons. *Current biology : CB*, 36(3), 707.

Bansal H, et al. (2026) Motor Protein Disruption Critically Alters Organelle Trafficking and Excitation-Contraction Coupling. *eNeuro*, 13(4).

Deal SL, et al. (2026) RNAi-based screen for pigmentation in Drosophila melanogaster reveals regulators of brain dopamine and sleep. *iScience*, 29(1), 114388.

Bansal H, et al. (2025) Motor protein disruption critically alters organelle trafficking, NMJ formation, and excitation contraction coupling. *bioRxiv : the preprint server for biology*.

Loh M, et al. (2023) Kinesin-1 promotes centrosome clustering and nuclear migration in the Drosophila oocyte. *Development (Cambridge, England)*, 150(13).

Hannaford MR, et al. (2022) Pericentrin interacts with Kinesin-1 to drive centriole motility. *The Journal of cell biology*, 221(9).

Bu S, et al. (2022) Drosophila CLASP regulates microtubule orientation and dendrite pruning by suppressing Par-1 kinase. *Cell reports*, 39(9), 110887.

Mallik B, et al. (2022) Roles for Mitochondrial Complex I Subunits in Regulating Synaptic Transmission and Growth. *Frontiers in neuroscience*, 16, 846425.

Jakobs MAH, et al. (2022) Unrestrained growth of correctly oriented microtubules instructs axonal microtubule orientation. *eLife*, 11.

Kim JY, et al. (2021) Dynein Heavy Chain 64C Differentially Regulates Cell Survival and Proliferation of Wingless-Producing Cells in Drosophila melanogaster. *Journal of developmental biology*, 9(4).

P??ochocka AZ, et al. (2021) Robustness of the microtubule network self-organization in epithelia. *eLife*, 10.

Deng Q, et al. (2021) Msps governs acentrosomal microtubule assembly and reactivation of quiescent neural stem cells. *The EMBO journal*, 40(19), e104549.

Chowdhary S, et al. (2020) Mitochondrial morphology and activity regulate furrow ingression and contractile ring dynamics in *Drosophila* cellularization. *Molecular biology of the cell*, 31(21), 2331.

Perillo M, et al. (2018) Specialized Positioning of Myonuclei Near Cell-Cell Junctions. *Frontiers in physiology*, 9, 1531.