

Resource Summary Report

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

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS00545}attP2](#)

RRID:BDSC_33680

Type: Organism

Proper Citation

RRID:BDSC_33680

Organism Information

URL: <https://n2t.net/bdsc:33680>

Proper Citation: RRID:BDSC_33680

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00545}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: UAS, upd1, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 33680

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_33680, BL33680

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00545}attP2

Record Creation Time: 20240911T222544+0000

Record Last Update: 20260815T191734+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.HMS00545}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00545}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Falconi J, et al. (2026) Tumor-derived Ilp8 and Upd3 contribute to intestinal progenitor cells depletion during cachexia in Drosophila larvae. Cell reports, 45(8), 117722.

Li J, et al. (2025) Epithelial cell-fate switch triggering ectopic ligand-receptor-mediated JAK-STAT signaling promotes tumorigenesis in Drosophila. iScience, 28(4), 112191.

Rodríguez-Vázquez M, et al. (2024) Fat body glycolysis defects inhibit mTOR and promote distant muscle disorganization through TNF- α /egr and ImpL2 signaling in Drosophila larvae. EMBO reports, 25(10), 4410.

Kanaoka Y, et al. (2023) Inter-organ Wingless/Ror/Akt signaling regulates nutrient-dependent hyperarborization of somatosensory neurons. eLife, 12.

Gera J, et al. (2022) Physiological ROS controls Upd3-dependent modeling of ECM to support cardiac function in Drosophila. Science advances, 8(7), eabj4991.

Greenspan LJ, et al. (2022) Activation of the EGFR/MAPK pathway drives transdifferentiation of quiescent niche cells to stem cells in the Drosophila testis niche. eLife, 11.

Harris RE, et al. (2020) Damage-responsive, maturity-silenced enhancers regulate multiple genes that direct regeneration in Drosophila. eLife, 9.

Kumar T, et al. (2020) Topology-driven protein-protein interaction network analysis detects genetic sub-networks regulating reproductive capacity. eLife, 9.

Ma H, et al. (2019) Heparan sulfate negatively regulates intestinal stem cell proliferation in Drosophila adult midgut. Biology open, 8(10).

Powers N, et al. (2019) JAK/STAT signaling is involved in air sac primordium development of Drosophila melanogaster. FEBS letters, 593(7), 658.