

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS00901}attP2](#)

RRID:BDSC_33949

Type: Organism

Proper Citation

RRID:BDSC_33949

Organism Information

URL: <https://n2t.net/bdsc:33949>

Proper Citation: RRID:BDSC_33949

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00901}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: UAS, upd2, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 33949

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_33949, BDSC:33949, BL33949

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00901}attP2

Record Creation Time: 20240911T222547+0000

Record Last Update: 20260912T203632+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.HMS00901}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00901}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Simmons C, et al. (2025) Adipocyte-Derived CCHamide-1, Eiger, Growth-Blocking Peptide 3, and Unpaired 2 Regulate Drosophila melanogaster Oogenesis. *Biomolecules*, 15(4).

Geng L, et al. (2025) The N^ε-acetyl-L-lysine/Loxl2/H₂O₂ promotes intestinal tumor growth in Drosophila and cell proliferation in human colorectal cancer. *Cell reports*, 44(8), 116126.

Kwok SH, et al. (2024) Paraneoplastic renal dysfunction in fly cancer models driven by inflammatory activation of stem cells. *bioRxiv : the preprint server for biology*.

Touré H, et al. (2024) Remote disruption of intestinal homeostasis by Mycobacterium abscessus is detrimental to Drosophila survival. *Scientific reports*, 14(1), 30775.

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.

Cai XT, et al. (2021) Gut cytokines modulate olfaction through metabolic reprogramming of glia. *Nature*, 596(7870), 97.

Millington JW, et al. (2021) Female-biased upregulation of insulin pathway activity mediates the sex difference in Drosophila body size plasticity. *eLife*, 10.

Ingaramo MC, et al. (2020) Fat Body p53 Regulates Systemic Insulin Signaling and Autophagy under Nutrient Stress via Drosophila Upd2 Repression. *Cell reports*, 33(4), 108321.

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

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

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

Poulton JS, et al. (2019) Centrosome Loss Triggers a Transcriptional Program To Counter Apoptosis-Induced Oxidative Stress. *Genetics*, 212(1), 187.

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

Reedy AR, et al. (2019) Commensal microbiota-induced redox signaling activates proliferative signals in the intestinal stem cell microenvironment. *Development* (Cambridge, England), 146(3).

Yurgel ME, et al. (2018) Ade2 Functions in the *Drosophila* Fat Body To Promote Sleep. *G3* (Bethesda, Md.), 8(11), 3385.

Tian A, et al. (2017) Intestinal stem cell overproliferation resulting from inactivation of the APC tumor suppressor requires the transcription cofactors Earthbound and Erect wing. *PLoS genetics*, 13(7), e1006870.