

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS00173}attP2](#)

RRID:BDSC_34855

Type: Organism

Proper Citation

RRID:BDSC_34855

Organism Information

URL: <https://n2t.net/bdsc:34855>

Proper Citation: RRID:BDSC_34855

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00173}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 34855

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_34855, BL34855

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00173}attP2

Record Creation Time: 20240911T222558+0000

Record Last Update: 20260815T191749+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.HMS00173}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00173}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

N??brega RR, et al. (2026) Ovary-Derived Signals Align Protein Appetite with Oogenesis. bioRxiv : the preprint server for biology.

Lee JI, et al. (2025) The matrix glycoprotein Papilin maintains the haematopoietic progenitor pool in Drosophila lymph glands. Development (Cambridge, England), 152(7).

Uttekar B, et al. (2024) Mitochondrial morphology dynamics and ROS regulate apical polarity and differentiation in Drosophila follicle cells. Development (Cambridge, England), 151(5).

Li J, et al. (2023) Peroxisomal ERK mediates Akh/glucagon action and glycemic control. Cell reports, 42(10), 113200.

Zhao H, et al. (2022) Auxilin regulates intestinal stem cell proliferation through EGFR. Stem cell reports, 17(5), 1120.

Rose M, et al. (2022) Twist regulates Yorkie activity to guide lineage reprogramming of syncytial alary muscles. Cell reports, 38(4), 110295.

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.

Lebo DPV, et al. (2021) An RNAi screen of the kinome in epithelial follicle cells of the Drosophila melanogaster ovary reveals genes required for proper germline death and clearance. G3 (Bethesda, Md.), 11(2).

Gong NN, et al. (2021) The chromatin remodeler ISWI acts during Drosophila development to regulate adult sleep. Science advances, 7(8).

Sheng Z, et al. (2020) NatB regulates Rb mutant cell death and tumor growth by modulating EGFR/MAPK signaling through the N-end rule pathways. PLoS genetics,

16(6), e1008863.

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

Rambur A, et al. (2020) Sequential Ras/MAPK and PI3K/AKT/mTOR pathways recruitment drives basal extrusion in the prostate-like gland of *Drosophila*. *Nature communications*, 11(1), 2300.

Birnbaum A, et al. (2020) FOXO Regulates Neuromuscular Junction Homeostasis During *Drosophila* Aging. *Frontiers in aging neuroscience*, 12, 567861.

Sun H, et al. (2020) Dopamine Receptor Dop1R2 Stabilizes Appetitive Olfactory Memory through the Raf/MAPK Pathway in *Drosophila*. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(14), 2935.

Chai PC, et al. (2019) Sensory neuron lineage mapping and manipulation in the *Drosophila* olfactory system. *Nature communications*, 10(1), 643.

Ji T, et al. (2019) Dynamic MAPK signaling activity underlies a transition from growth arrest to proliferation in *Drosophila* scribble mutant tumors. *Disease models & mechanisms*, 12(8).

Zhang X, et al. (2018) Active Protection: Learning-Activated Raf/MAPK Activity Protects Labile Memory from Rac1-Independent Forgetting. *Neuron*, 98(1), 142.

Benhra N, et al. (2018) Chromosomal Instability Induces Cellular Invasion in Epithelial Tissues. *Developmental cell*, 47(2), 161.

Pae J, et al. (2017) GCL and CUL3 Control the Switch between Cell Lineages by Mediating Localized Degradation of an RTK. *Developmental cell*, 42(2), 130.

Nir R, et al. (2012) Phosphorylation of the *Drosophila melanogaster* RNA-binding protein HOW by MAPK/ERK enhances its dimerization and activity. *PLoS genetics*, 8(3), e1002632.