

Resource Summary Report

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

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS02185}attP40](#)

RRID:BDSC_40937

Type: Organism

Proper Citation

RRID:BDSC_40937

Organism Information

URL: <https://n2t.net/bdsc:40937>

Proper Citation: RRID:BDSC_40937

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02185}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Transgenic RNAi Project

Affected Gene: tkv, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 40937

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_40937, BDSC:40937, BL40937

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02185}attP40

Record Creation Time: 20240911T222649+0000

Record Last Update: 20260912T203749+0000

Ratings and Alerts

No rating or validation information has been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02185}attP40.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02185}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

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

Juarez-Carreño S, et al. (2026) A systemic role of macrophage-derived BMP2/4 homolog Dpp in inhibiting sterol hormone synthesis under dietary stress. Current biology : CB, 36(12), 3165.

Huang YT, et al. (2025) Activation of a Src-JNK pathway in unscheduled endocycling cells of the Drosophila wing disc induces a chronic wounding response. bioRxiv : the preprint server for biology.

Jung LE, et al. (2025) Ecdysone Receptor autonomously controls germ cell differentiation in the Drosophila ovary. bioRxiv : the preprint server for biology.

Beard EK, et al. (2025) Soma-to-germline BMP signal is essential for Drosophila spermiogenesis. Developmental biology, 517, 140.

Raz A, et al. (2025) Modular regulation of the stem cell transcriptome defines self-renewal, differentiation, and dedifferentiation. bioRxiv : the preprint server for biology.

Fischer F, et al. (2024) A mismatch in the expression of cell surface molecules induces tissue-intrinsic defense against aberrant cells. Current biology : CB, 34(5), 980.

Ell CM, et al. (2024) A genome-engineered tool set for Drosophila TGF- β /BMP signaling studies. Development (Cambridge, England), 151(22).

Ridwan SM, et al. (2024) Diffusible fraction of niche BMP ligand safeguards stem-cell differentiation. Nature communications, 15(1), 1166.

Simon N, et al. (2024) Dally is not essential for Dpp spreading or internalization but for Dpp stability by antagonizing Tkv-mediated Dpp internalization. eLife, 12.

Friesen S, et al. (2023) Coordinated growth of linked epithelia is mediated by the Hippo pathway. *bioRxiv : the preprint server for biology*.

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).

Tu R, et al. (2020) Dlp-mediated Hh and Wnt signaling interdependence is critical in the niche for germline stem cell progeny differentiation. *Science advances*, 6(20), eaaz0480.

Zhu Y, et al. (2020) Scaling a Dpp Morphogen Gradient through Feedback Control of Receptors and Co-receptors. *Developmental cell*, 53(6), 724.

Sun G, et al. (2020) Akt1 and dCIZ1 promote cell survival from apoptotic caspase activation during regeneration and oncogenic overgrowth. *Nature communications*, 11(1), 5726.

Rotelli MD, et al. (2019) An RNAi Screen for Genes Required for Growth of *Drosophila* Wing Tissue. *G3 (Bethesda, Md.)*, 9(10), 3087.

Setiawan L, et al. (2018) The BMP2/4 ortholog Dpp can function as an inter-organ signal that regulates developmental timing. *Life science alliance*, 1(6), e201800216.