

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF02555}attP2](#)

RRID:BDSC_27237

Type: Organism

Proper Citation

RRID:BDSC_27237

Organism Information

URL: <https://n2t.net/bdsc:27237>

Proper Citation: RRID:BDSC_27237

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02555}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: NPF, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 27237

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_27237, BL27237

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02555}attP2

Record Creation Time: 20240911T222443+0000

Record Last Update: 20260829T185920+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.JF02555}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02555}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Biswas P, et al. (2026) Sex-biased expression of enteroendocrine cell-derived hormones contributes to higher fat storage in Drosophila females. bioRxiv : the preprint server for biology.

Lee EH, et al. (2026) Starve-Feed Cycles Direct Quiescence to Proliferation Transitions in Drosophila Follicle Stem Cells via Transcriptional Regulation. bioRxiv : the preprint server for biology.

Okamoto N, et al. (2026) Neuroendocrine control of calcium mobilization in the fruit fly. Nature, 649(8095), 122.

Fernandez-Acosta M, et al. (2025) Triggering and modulation of a complex behavior by a single peptidergic command neuron in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 122(11), e2420452122.

Chen J, et al. (2024) Gut-to-brain regulation of Drosophila aging through neuropeptide F, insulin and juvenile hormone. bioRxiv : the preprint server for biology.

Yoshinari Y, et al. (2024) A high-protein diet-responsive gut hormone regulates behavioral and metabolic optimization in Drosophila melanogaster. Nature communications, 15(1), 10819.

Chen J, et al. (2024) Gut-to-brain regulation of Drosophila aging through neuropeptide F, insulin, and juvenile hormone. Proceedings of the National Academy of Sciences of the United States of America, 121(43), e2411987121.

Hoshino R, et al. (2023) Circulating fructose regulates a germline stem cell increase via gustatory receptor-mediated gut hormone secretion in mated Drosophila. Science advances, 9(8), eadd5551.

Malita A, et al. (2022) A gut-derived hormone suppresses sugar appetite and regulates food choice in Drosophila. Nature metabolism, 4(11), 1532.

Yoshinari Y, et al. (2021) The sugar-responsive enteroendocrine neuropeptide F regulates lipid metabolism through glucagon-like and insulin-like hormones in *Drosophila melanogaster*. *Nature communications*, 12(1), 4818.

Ma T, et al. (2020) RNAi-based screens uncover a potential new role for the orphan neuropeptide receptor Moody in *Drosophila* female germline stem cell maintenance. *PloS one*, 15(12), e0243756.

Ameku T, et al. (2018) Midgut-derived neuropeptide F controls germline stem cell proliferation in a mating-dependent manner. *PLoS biology*, 16(9), e2005004.

Guevara A, et al. (2018) Developmental Ethanol Exposure Causes Reduced Feeding and Reveals a Critical Role for Neuropeptide F in Survival. *Frontiers in physiology*, 9, 237.