

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 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: 20260725T195155+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 11 mentions in open access literature.

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

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.

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.

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