

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF01959}attP2](#)

RRID:BDSC_25939

Type: Organism

Proper Citation

RRID:BDSC_25939

Organism Information

URL: <https://n2t.net/bdsc:25939>

Proper Citation: RRID:BDSC_25939

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01959}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: NPFR, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 25939

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25939, BDSC:25939, BL25939

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01959}attP2

Record Creation Time: 20240911T222431+0000

Record Last Update: 20260919T202820+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.JF01959}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01959}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

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.

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.

He J, et al. (2022) Olfactory Senses Modulate Food Consumption and Physiology in Drosophila melanogaster. Frontiers in behavioral neuroscience, 16, 788633.

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

Qi W, et al. (2021) A novel satiety sensor detects circulating glucose and suppresses food consumption via insulin-producing cells in Drosophila. Cell research, 31(5), 580.

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.

Barber AF, et al. (2021) Drosophila clock cells use multiple mechanisms to transmit time-of-day signals in the brain. Proceedings of the National Academy of Sciences of the United States of America, 118(10).

Sadanandappa MK, et al. (2021) Neuropeptide F signaling regulates parasitoid-specific germline development and egg-laying in Drosophila. PLoS genetics, 17(3), e1009456.

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.

Senapati B, et al. (2019) A neural mechanism for deprivation state-specific expression of relevant memories in *Drosophila*. *Nature neuroscience*, 22(12), 2029.

Tsao CH, et al. (2018) *Drosophila* mushroom bodies integrate hunger and satiety signals to control innate food-seeking behavior. *eLife*, 7.

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