

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF03256}attP2](#)

RRID:BDSC_29577

Type: Organism

Proper Citation

RRID:BDSC_29577

Organism Information

URL: <https://n2t.net/bdsc:29577>

Proper Citation: RRID:BDSC_29577

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF03256}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: AkhR, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 29577

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_29577, BL29577

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF03256}attP2

Record Creation Time: 20240911T222506+0000

Record Last Update: 20260808T194706+0000

Ratings and Alerts

No rating or validation information has been found for y[1] v[1]; P{y[+7.7] v[+1.8]=TRiP.JF03256}attP2.

No alerts have been found for y[1] v[1]; P{y[+7.7] v[+1.8]=TRiP.JF03256}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Ding G, et al. (2025) A tumor-secreted protein utilizes glucagon release to cause host wasting. *Cell discovery*, 11(1), 11.

Wang H, et al. (2025) Drosophila hamlet mediates epithelial tissue assembly of the reproductive system. *eLife*, 13.

Meschi E, et al. (2024) Compensatory enhancement of input maintains aversive dopaminergic reinforcement in hungry Drosophila. *Neuron*, 112(14), 2315.

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

Hughson BN, et al. (2021) AKH Signaling in D. melanogaster Alters Larval Development in a Nutrient-Dependent Manner That Influences Adult Metabolism. *Frontiers in physiology*, 12, 619219.

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.

Malpe MS, et al. (2020) G-protein signaling is required for increasing germline stem cell division frequency in response to mating in Drosophila males. *Scientific reports*, 10(1), 3888.

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.