Resource Summary Report

Generated by dkNET on Sep 19, 2026

y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ22156}attP40

RRID:BDSC_58179
Type: Organism

Proper Citation

RRID:BDSC_58179

Organism Information

URL: https://n2t.net/bdsc:58179

Proper Citation: RRID:BDSC_58179

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ22156}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. There appears to be an unknown Ser mutation in this stock. Donor: Transgenic RNAi Project

Affected Gene: Octbeta1R, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 58179

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_58179, BDSC:58179, BL58179

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ22156}attP40

Record Creation Time: 20240911T222900+0000

Record Last Update: 20260912T204044+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.HMJ22156}attP40.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ22156}attP40.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Reyes M, et al. (2026) Octopamine regulates neural circuits in the mushroom body and central complex, influencing sleep and arousal. iScience, 29(5), 115564.

Wu H, et al. (2025) Octopamine signaling regulates the intracellular pattern of the presynaptic active zone scaffold within Drosophila mushroom body neurons. PLoS biology, 23(10), e3003449.

Uliczka K, et al. (2025) Octopamine modulates the innate immune response in Drosophila melanogaster. Frontiers in immunology, 16, 1720126.

Kacsoh BZ, et al. (2019) New Drosophila Long-Term Memory Genes Revealed by Assessing Computational Function Prediction Methods. G3 (Bethesda, Md.), 9(1), 251.

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

Youn H, et al. (2018) A subset of octopaminergic neurons that promotes feeding initiation in Drosophila melanogaster. PloS one, 13(6), e0198362.