

# Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

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

RRID:BDSC\_58179

Type: Organism

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## Proper Citation

RRID:BDSC\_58179

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## 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:** 20260905T140823+0000

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## 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## 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.