

# Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF02878}attP2](#)

RRID:BDSC\_28043

Type: Organism

## Proper Citation

RRID:BDSC\_28043

## Organism Information

**URL:** <https://n2t.net/bdsc:28043>

**Proper Citation:** RRID:BDSC\_28043

**Description:** Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02878}attP2 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Transgenic RNAi Project

**Affected Gene:** Appl, UAS, v, y

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 28043

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_28043, BL28043

**Organism Name:** y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02878}attP2

**Record Creation Time:** 20240911T222451+0000

**Record Last Update:** 20260815T191619+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.JF02878}attP2.

No alerts have been found for y[1] v[1]; P{y[+7.7] v[+1.8]=TRiP.JF02878}attP2.

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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 8 mentions in open access literature.

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

Singh PJ, et al. (2025) Amyloid- $\beta$  disrupts APP-regulated protein aggregation and dissociation from recycling endosomal membranes. The EMBO journal, 44(16), 4443.

Rabah Y, et al. (2025) Astrocyte-to-neuron H<sub>2</sub>O<sub>2</sub> signalling supports long-term memory formation in Drosophila and is impaired in an Alzheimer's disease model. Nature metabolism, 7(2), 321.

Hendricks EL, et al. (2024) Kismet/CHD7/CHD8 and Amyloid Precursor Protein-like Regulate Synaptic Levels of Rab11 at the Drosophila Neuromuscular Junction. International journal of molecular sciences, 25(15).

Mallik B, et al. (2022) Roles for Mitochondrial Complex I Subunits in Regulating Synaptic Transmission and Growth. Frontiers in neuroscience, 16, 846425.

Panchal K, et al. (2020) Miro, a Rho GTPase genetically interacts with Alzheimer's disease-associated genes (Tau, A $\beta$ 42 and A $\beta$ 41) in Drosophila melanogaster. Biology open, 9(9).

Rieche F, et al. (2018) Drosophila Full-Length Amyloid Precursor Protein Is Required for Visual Working Memory and Prevents Age-Related Memory Impairment. Current biology : CB, 28(5), 817.

Farca Luna AJ, et al. (2017) Amyloid Precursor Protein in Drosophila Glia Regulates Sleep and Genes Involved in Glutamate Recycling. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(16), 4289.

Zeng X, et al. (2015) Genome-wide RNAi screen identifies networks involved in intestinal stem cell regulation in Drosophila. Cell reports, 10(7), 1226.