

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 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.

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 [dkNET](#) .

Singh PJ, et al. (2025) Amyloid-? 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 H2O2 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?42 and Appl) 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.