

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\]=CaryP}attP2](#)

RRID:BDSC_36303

Type: Organism

Proper Citation

RRID:BDSC_36303

Organism Information

URL: <https://n2t.net/bdsc:36303>

Proper Citation: RRID:BDSC_36303

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

Species: Drosophila melanogaster

Notes: Control line for TRiP RNAi lines. Donor: Transgenic RNAi Project

Affected Gene: v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 36303

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_36303, BDSC:36303, BL36303

Organism Name: y[1] v[1]; P{y[+t7.7]=CaryP}attP2

Record Creation Time: 20240911T222612+0000

Record Last Update: 20260912T203658+0000

Ratings and Alerts

No rating or validation information has been found for y[1] v[1]; P{y[+t7.7]=CaryP}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7]=CaryP}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 167 mentions in open access literature.

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

Aziz MC, et al. (2026) A drug repurposing screen reveals dopamine signaling as a candidate therapeutic pathway for PIGA-CDG. bioRxiv : the preprint server for biology.

Flanagan T, et al. (2026) Arrow promotes nociceptive sensitivity in Drosophila melanogaster. Molecular pain, 22, 17448069261453747.

Long J, et al. (2026) Functional characterization of a human epilepsy-associated gene network reveals metabolic regulation as a critical factor underlying seizure susceptibilities. Disease models & mechanisms, 19(1).

Keith SA, et al. (2026) Strong GAL4 expression compromises Drosophila fat body function. Genetics, 232(1).

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

Pujari N, et al. (2026) Sexual identity of Akh neurons shapes Nucb1-dependent metabolic and reproductive plasticity. iScience, 29(6), 116097.

Kuklinski KT, et al. (2026) Innate immune signaling mediates differential acute and long-term outcomes of repeated vs single TBI in Drosophila. Genetics, 232(1).

Pimenov I, et al. (2026) Dopamine neuron specific RNA-sequencing reveals Neprilysin 1 acts downstream of the cohesin complex to suppress learning. Communications biology, 9(1).

Barraza D, et al. (2026) A conserved, immune-regulated peritrophin promotes Vibrio cholerae colonization of the arthropod intestine. Nature communications, 17(1).

Jeong H, et al. (2026) Ubiquitin ligase Nedd4 regulates the abundance and toxicity of mutant huntingtin. JCI insight, 11(4).

Groen CM, et al. (2025) Isolation of Intact Mitochondria From Drosophila melanogaster and Assessment of Mitochondrial Respiratory Capacity Using Seahorse Analyzer. Bio-protocol, 15(3), e5180.

Zheng Y, et al. (2025) Age-related declines in niche self-renewal factors controls testis aging and spermatogonial stem cell competition through Hairless, Imp, and Chinmo. bioRxiv : the preprint server for biology.

Abou Daya F, et al. (2025) Identifying links between cardiovascular disease and insomnia by modeling genes from a pleiotropic locus. Disease models & mechanisms, 18(5).

Barraza D, et al. (2025) The Drosophila G protein-coupled receptor, GulpR, is essential for lipid mobilization in response to nutrient-limitation. bioRxiv : the preprint server for biology.

Barraza D, et al. (2025) The Drosophila G protein-coupled receptor, GulpR, is essential for lipid mobilization in response to nutrient-limitation. PLoS genetics, 21(12), e1011982.

Nagy P, et al. (2025) Infectious bacteria, but not the microbiota, induce a NOX-ATM-cytokine pathway that controls epithelial turnover. Cell reports, 44(10), 116293.

Borjon LJ, et al. (2025) Multiple mechanisms of action for an extremely painful venom. Current biology : CB, 35(2), 444.

Hanson KM, et al. (2025) Extreme QTL mapping enables the identification of novel zinc toxicity response loci in Drosophila melanogaster. Genetics.

Cypranowska CA, et al. (2025) Deficiency in transmitter release triggers homeostatic transcriptional changes that increase presynaptic excitability. Proceedings of the National Academy of Sciences of the United States of America, 122(31), e2322714122.

Wu Y, et al. (2025) Drosophila and mouse intestinal stem cells are spatiotemporally specified by Notch suppression and Wnt activation. Science advances, 11(49), eady7272.