

Resource Summary Report

Generated by [dkNET](#) on Sep 11, 2026

[y\[1\] w\[67c23\]; P{y\[+t7.7\]=CaryP}attP1](#)

RRID:BDSC_8621

Type: Organism

Proper Citation

RRID:BDSC_8621

Organism Information

URL: <https://n2t.net/bdsc:8621>

Proper Citation: RRID:BDSC_8621

Description: Drosophila melanogaster with name y[1] w[67c23]; P{y[+t7.7]=CaryP}attP1 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Roel Nusse, Stanford University

Affected Gene: w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8621

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8621, BDSC:8621, BL8621

Organism Name: y[1] w[67c23]; P{y[+t7.7]=CaryP}attP1

Record Creation Time: 20240911T222218+0000

Record Last Update: 20260905T135849+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[67c23]; P{y[+t7.7]=CaryP}attP1.

No alerts have been found for y[1] w[67c23]; P{y[+t7.7]=CaryP}attP1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Cuper D, et al. (2026) Tissue-specific role of dTrmO in threonine decoding during *Drosophila melanogaster* development. *Biological research*, 59(1).

Dombrovski M, et al. (2025) Molecular gradients shape synaptic specificity of a visuomotor transformation. *Nature*, 644(8076), 453.

Komori H, et al. (2025) mRNA decay pre-complex assembly drives timely cell-state transitions during differentiation. *Cell reports*, 44(1), 115138.

Dombrovski M, et al. (2025) Gradients of Cell Recognition Molecules Wire Visuomotor Transformation. *bioRxiv : the preprint server for biology*.

Ismail JN, et al. (2023) Phenotypic and transcriptomic impact of expressing mammalian TET2 in the *Drosophila melanogaster* model. *Epigenetics*, 18(1), 2192375.

Schlichting M, et al. (2022) Dopamine and GPCR-mediated modulation of DN1 clock neurons gates the circadian timing of sleep. *Proceedings of the National Academy of Sciences of the United States of America*, 119(34), e2206066119.

Rosenberger FA, et al. (2021) The one-carbon pool controls mitochondrial energy metabolism via complex I and iron-sulfur clusters. *Science advances*, 7(8).

Kandul NP, et al. (2021) A confinable home-and-rescue gene drive for population modification. *eLife*, 10.

Bhimreddy M, et al. (2021) Secreted C-type lectin regulation of neuromuscular junction synaptic vesicle dynamics modulates coordinated movement. *Journal of cell science*, 134(9).

Huang J, et al. (2021) Histone lysine methyltransferase Pr-set7/SETD8 promotes neural stem cell reactivation. *EMBO reports*, 22(4), e50994.

Vogt K, et al. (2021) Internal state configures olfactory behavior and early sensory processing in *Drosophila* larvae. *Science advances*, 7(1).

Kandul NP, et al. (2021) Temperature-Inducible Precision-Guided Sterile Insect Technique. *The CRISPR journal*, 4(6), 822.

Kandul NP, et al. (2019) Transforming insect population control with precision guided sterile males with demonstration in *Drosophila* flies. *Nature communications*, 10(1), 84.

Li H, et al. (2018) A *Drosophila* model of combined D-2- and L-2-hydroxyglutaric aciduria reveals a mechanism linking mitochondrial citrate export with oncometabolite accumulation. *Disease models & mechanisms*, 11(9).

Huang J, et al. (2018) Hsp83/Hsp90 Physically Associates with Insulin Receptor to Promote Neural Stem Cell Reactivation. *Stem cell reports*, 11(4), 883.