Resource Summary Report

Generated by SPARC SAWG on Sep 16, 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: 20260912T203148+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 SPARC SAWG .

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??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.