

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

[y\[1\] w\[*\] P{y\[+t7.7\]=nanos-phiC31\int.NLS}X;
P{y\[+t7.7\]=CaryP}Msp300\[attP40\]](#)

RRID:BDSC_79604

Type: Organism

Proper Citation

RRID:BDSC_79604

Organism Information

URL: <https://n2t.net/bdsc:79604>

Proper Citation: RRID:BDSC_79604

Description: Drosophila melanogaster with name y[1] w[*] P{y[+t7.7]=nanos-phiC31\int.NLS}X; P{y[+t7.7]=CaryP}Msp300[attP40] from BDSC.

Species: Drosophila melanogaster

Notes: Carries nos-phiC31 integrase and P{CaryP}attP40 in a w[-] rather than a v[-] background. Donor: Todd Lavery, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: Msp300, nanos, phiC31:int, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 79604

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_79604, BDSC:79604, BL79604

Organism Name: y[1] w[*] P{y[+t7.7]=nanos-phiC31\int.NLS}X;
P{y[+t7.7]=CaryP}Msp300[attP40]

Record Creation Time: 20240911T223223+0000

Record Last Update: 20260905T141259+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*] P{y[+t7.7]=nanos-phiC31\int.NLS}X; P{y[+t7.7]=CaryP}Msp300[attP40].

No alerts have been found for y[1] w[*] P{y[+t7.7]=nanos-phiC31\int.NLS}X; P{y[+t7.7]=CaryP}Msp300[attP40].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Zhang Q, et al. (2026) Uev1A counteracts oncogenic Ras stimuli in both polyploid and diploid cells. eLife, 14.

Lee U, et al. (2024) The three-dimensional genome drives the evolution of asymmetric gene duplicates via enhancer capture-divergence. Science advances, 10(51), eadn6625.

Zhu H, et al. (2024) Cellular and molecular organization of the Drosophila foregut. Proceedings of the National Academy of Sciences of the United States of America, 121(11), e2318760121.

Mao R, et al. (2024) Conditional chemoconnectomics (cCCTomics) as a strategy for efficient and conditional targeting of chemical transmission. eLife, 12.

Lee GG, et al. (2023) In vivo characterization of the maturation steps of a pigment dispersing factor neuropeptide precursor in the Drosophila circadian pacemaker neurons. Genetics, 225(1).

Sgammeglia N, et al. (2023) Memory phase-specific genes in the Mushroom Bodies identified using CrebB-target DamID. PLoS genetics, 19(6), e1010802.

Chen N, et al. (2023) Widespread posttranscriptional regulation of cotransmission. Science advances, 9(22), eadg9836.

Lennon J, et al. (2022) Strongly Truncated Dnaaf4 Plays a Conserved Role in Drosophila Ciliary Dynein Assembly as Part of an R2TP-Like Co-Chaperone Complex With Dnaaf6. Frontiers in genetics, 13, 943197.

Chilian M, et al. (2022) CRISPR/Cas9-mediated tissue-specific knockout and cDNA rescue using sgRNAs that target exon-intron junctions in Drosophila melanogaster. STAR protocols, 3(3), 101465.

Chen N, et al. (2022) Local translation provides the asymmetric distribution of CaMKII required for associative memory formation. *Current biology : CB*, 32(12), 2730.

Inaba K, et al. (2022) Molecular action of larvicidal flavonoids on ecdysteroidogenic glutathione S-transferase Noppera-bo in *Aedes aegypti*. *BMC biology*, 20(1), 43.

Xiang W, et al. (2022) The dynamics of protein localisation to restricted zones within *Drosophila* mechanosensory cilia. *Scientific reports*, 12(1), 13338.

Erkelenz S, et al. (2021) Ecd promotes U5 snRNP maturation and Prp8 stability. *Nucleic acids research*, 49(3), 1688.

Zur Lage P, et al. (2021) The *Drosophila* orthologue of the primary ciliary dyskinesia-associated gene, DNAAF3, is required for axonemal dynein assembly. *Biology open*, 10(10).