

Resource Summary Report

Generated by [Kravitz](#) on Sep 9, 2026

w[1118]; P{w[+mC]=UAS-GFP.nls}14

RRID:BDSC_4775

Type: Organism

Proper Citation

RRID:BDSC_4775

Organism Information

URL: <https://n2t.net/bdsc:4775>

Proper Citation: RRID:BDSC_4775

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-GFP.nls}14 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Bruce Edgar, Fred Hutchinson Cancer Center

Affected Gene: Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 4775

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_4775, BDSC:4775, BL4775

Organism Name: w[1118]; P{w[+mC]=UAS-GFP.nls}14

Record Creation Time: 20240911T222146+0000

Record Last Update: 20260905T135802+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-GFP.nls}14.

No alerts have been found for w[1118]; P{w[+mC]=UAS-GFP.nls}14.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 106 mentions in open access literature.

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

Stinchfield MJ, et al. (2026) Both isoforms of Drosophila ApoLpp (ApoB) cross the blood-brain barrier in adults. *Genetics*, 232(1).

Palmateer CM, et al. (2026) Investigating the fruitless-directed molecular and circuit architecture of courtship behavior in *Drosophila melanogaster*, *Drosophila simulans*, and their hybrids. *Genetics*, 233(1).

Vincze V, et al. (2026) Selective autophagy fine-tunes Stat92E activity by degrading Su(var)2-10/PIAS in *Drosophila* glia. *Life science alliance*, 9(3).

Ogienko AA, et al. (2025) Expression Pattern of the AB1-Gal4 Driver in *Drosophila* Third-Instar Larvae. *International journal of molecular sciences*, 26(9).

Zhang T, et al. (2025) SIFamide-dependent synaptic plasticity in male-specific GABAergic neurons underlies experience-modulated mating behaviors. *iScience*, 28(10), 113516.

Zipper L, et al. (2025) Steroid hormone-induced wingless ligands tune female intestinal size in *Drosophila*. *Nature communications*, 16(1), 436.

Varga V, et al. (2025) Role of Hemocytes in the Aging of *Drosophila* Male Germline. *Cells*, 14(4).

Almeida Machado Costa C, et al. (2025) Single-cell transcriptomics reveals stepwise transformation of epithelial cells into Non-Professional Phagocytes. *PLoS genetics*, 21(12), e1011953.

Bener MB, et al. (2025) Detection of dedifferentiated stem cells in the *Drosophila* testis. *iScience*, 28(10), 113564.

Frappalo A, et al. (2025) PACS deficiency disrupts Golgi architecture and causes cytokinesis failures and seizure-like phenotype in *Drosophila melanogaster*. *Open biology*, 15(2), 240267.

Zhang Y, et al. (2025) Restoring calcium crosstalk between ER and mitochondria promotes intestinal stem cell rejuvenation through autophagy in aged *Drosophila*. *Nature communications*, 16(1), 4909.

Ramraud B, et al. (2025) Slik sculpts the plasma membrane into cytonemes to control cell-cell communication. *The EMBO journal*, 44(8), 2186.

Lee GG, et al. (2025) Linking expression and function of *Drosophila* type-I TGF- β receptor baboon isoforms: Multiple roles of BaboA isoform in shaping of the adult central nervous system. *PloS one*, 20(5), e0318406.

Wang H, et al. (2025) *Drosophila* hamlet mediates epithelial tissue assembly of the reproductive system. *eLife*, 13.

Zechini L, et al. (2025) *Drosophila* complement-like Mcr acts as a wound-induced inflammatory chemoattractant. *Current biology : CB*, 35(7), 1656.

Hsu FT, et al. (2025) Myc and Tor drive growth and cell competition in the regeneration blastema of *Drosophila* wing imaginal discs. *bioRxiv : the preprint server for biology*.

Chakraborty A, et al. (2025) Organ-specific rewiring of mitochondrial integrity through COX7A dictates cellular ploidy control. *bioRxiv : the preprint server for biology*.

Velazquez A, et al. (2025) The *Drosophila* SIFamide Receptor Regulates Sleep and Feeding in a Time-Of-Day Specific Manner. *Genes, brain, and behavior*, 24(6), e70043.

Hsu FT, et al. (2025) Myc and Tor drive growth and cell competition in the regeneration blastema of *Drosophila* wing imaginal discs. *Development (Cambridge, England)*, 152(24).

Hawley HR, et al. (2025) N-terminal oligomerization drives HDAC4 nuclear condensation and neurodevelopmental dysfunction in *Drosophila*. *Open biology*, 15(10), 250095.