

Resource Summary Report

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

w[1118]; P{w[+mC]=UAS-GFP.nls}8

RRID:BDSC_4776

Type: Organism

Proper Citation

RRID:BDSC_4776

Organism Information

URL: <https://n2t.net/bdsc:4776>

Proper Citation: RRID:BDSC_4776

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-GFP.nls}8 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Bruce Edgar, Fred Hutchinson Cancer Center

Affected Gene: Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 4776

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_4776, BDSC:4776, BL4776

Organism Name: w[1118]; P{w[+mC]=UAS-GFP.nls}8

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}8.

No alerts have been found for w[1118]; P{w[+mC]=UAS-GFP.nls}8.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 105 mentions in open access literature.

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

Tamberg L, et al. (2026) The E-Protein Daughterless Regulates Olfactory Learning of Adult *Drosophila melanogaster*. *eNeuro*, 13(1).

He T, et al. (2026) ??-Ketoglutarate couples cellular metabolism to developmental growth via hydroxylation-dependent degradation of Yorkie. *Cell reports*, 45(2), 116922.

Cruz J, et al. (2026) Single-cell transcriptomics of X-ray irradiated *Drosophila* wing discs reveals heterogeneity related to cell-cycle status and cell location. *eLife*, 14.

Yu Z, et al. (2025) The Batten disease gene *Cln3* is required for the activation of intestinal stem cell during regeneration via JAK/STAT signaling in *Drosophila*. *Frontiers in cell and developmental biology*, 13, 1508714.

Wu K, et al. (2025) Werner syndrome exonuclease promotes gut regeneration and causes age-associated gut hyperplasia in *Drosophila*. *PLoS biology*, 23(4), e3003121.

Nandakumar S, et al. (2025) Ring canals in the larval adipose of *Drosophila* buffer stress response. *bioRxiv : the preprint server for biology*.

Cong F, et al. (2025) Translocation of gut bacteria promotes tumor-associated mortality by inducing immune-activated renal damage. *The EMBO journal*, 44(13), 3586.

Montemurro M, et al. (2025) The mechanical state of pre-tumoral epithelia controls subsequent *Drosophila* tumor aggressiveness. *Developmental cell*, 60(7), 1036.

Banerjee SJ, et al. (2025) Teashirt and C-Terminal Binding Protein Interact to Regulate *Drosophila* Eye Development. *Genes*, 16(9).

Gemeinhardt TM, et al. (2025) A disordered linker in the Polycomb protein Polyhomeotic tunes phase separation and oligomerization. *Molecular cell*, 85(11), 2128.

Wang M, et al. (2025) A *Drosophila* single-cell 3D spatiotemporal multi-omics atlas unveils panoramic key regulators of cell-type differentiation. *Cell*, 188(17), 4734.

Makdissi S, et al. (2025) Alterations in ether phospholipids metabolism activate the conserved UPR-Xbp1- PDIA3/ERp60 signaling to maintain intestinal homeostasis. *iScience*, 28(3), 111946.

Li J, et al. (2025) Mechanisms of PP2A-Ankle2 dependent nuclear reassembly after mitosis. *eLife*, 13.

Kang SW, et al. (2025) *Drosophila* peptidyl-prolyl cis/trans isomerase-like 4 regulates circadian rhythm by supporting high-amplitude oscillations of PERIOD. *iScience*, 28(5), 112457.

Blanco Mendana J, et al. (2025) Deterministic genetic barcoding for multiplexed behavioral and single-cell transcriptomic studies. *eLife*, 12.

Narbonne-Reveau K, et al. (2025) In vivo AGO-APP identifies a module of microRNAs cooperatively preserving neural progenitors. *PLoS genetics*, 21(4), e1011680.

Li J, et al. (2025) Ecdysone signaling-induced dumpless1 expression controls nurse cell dumping in *Drosophila* oogenesis. *Nature communications*, 16(1), 8917.

Luedke KP, et al. (2024) Dendrite intercalation between epidermal cells tunes nociceptor sensitivity to mechanical stimuli in *Drosophila* larvae. *PLoS genetics*, 20(4), e1011237.

Liu A, et al. (2024) Scaling between cell cycle duration and wing growth is regulated by Fat-Dachsous signaling in *Drosophila*. *eLife*, 12.

Esteban-Collado J, et al. (2024) Reactive oxygen species activate the *Drosophila* TNF receptor Wengen for damage-induced regeneration. *The EMBO journal*, 43(17), 3604.