

# Resource Summary Report

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

## w[1118]; P{w[+mC]=UAS-Stinger}2

RRID:BDSC\_84277

Type: Organism

### Proper Citation

RRID:BDSC\_84277

### Organism Information

**URL:** <https://n2t.net/bdsc:84277>

**Proper Citation:** RRID:BDSC\_84277

**Description:** Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-Stinger}2 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Replaces Stock 65402. Donor: Ellen Popodi, Bloomington Drosophila Stock Center; Donor's Source: James Posakony, University of California, San Diego

**Affected Gene:** Avic\GFP, UAS, w

**Genomic Alteration:** Chromosome 1, Chromosome 2

**Catalog Number:** 84277

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_84277, BDSC:84277, BL84277

**Organism Name:** w[1118]; P{w[+mC]=UAS-Stinger}2

**Record Creation Time:** 20240911T223308+0000

**Record Last Update:** 20260905T141400+0000

### Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-Stinger}2.

No alerts have been found for w[1118]; P{w[+mC]=UAS-Stinger}2.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Tournière O, et al. (2026) X chromosome dosage in respiratory stem cells is critical for post-embryonic development and survival. *Current biology : CB*, 36(2), 387.

Zhang X, et al. (2026) Gap junction-mediated signaling coordinates Rhodopsin coupling for *Drosophila* color vision. *Biology open*, 15(2).

Roussel P, et al. (2026) In vivo autofluorescence lifetime imaging of spatial metabolic heterogeneities and learning-induced changes in the *Drosophila* mushroom body. *eLife*, 14.

Padmanabhan A, et al. (2026) Embryonic dopaminergic neuron activity sustains lifelong locomotion in *Drosophila*. *Cell reports*, 45(7), 117524.

Couto-Lima CA, et al. (2025) Impairment of Muscle Function Causes Pupal Lethality in Flies Expressing the Mitochondrial Alternative Oxidase. *Biomolecules*, 15(4).

Greenin-Whitehead K, et al. (2025) Ectopic sodium channel expression decreases excitability of *Drosophila* Kenyon cells. *The Journal of physiology*, 603(19), 5565.

Okenve-Ramos P, et al. (2024) Neuronal ageing is promoted by the decay of the microtubule cytoskeleton. *PLoS biology*, 22(3), e3002504.

Kurogi Y, et al. (2024) The seminal vesicle is a juvenile hormone-responsive tissue in adult male *Drosophila melanogaster*. *bioRxiv : the preprint server for biology*.

Hérault C, et al. (2024) Cellular sex throughout the organism underlies somatic sexual differentiation. *Nature communications*, 15(1), 6925.

Matsuka M, et al. (2024) Fecundity is optimized by levels of nutrient signal-dependent expression of Dve and EcR in *Drosophila* male accessory gland. *Developmental biology*, 508, 8.

Yoshinari Y, et al. (2024) A high-protein diet-responsive gut hormone regulates behavioral and metabolic optimization in *Drosophila melanogaster*. *Nature communications*, 15(1),

10819.

Plygawko AT, et al. (2024) The *Drosophila* adult midgut progenitor cells arise from asymmetric divisions of neuroblast-like cells. *Developmental cell*.

Merrill CB, et al. (2024) Iterative assay for transposase-accessible chromatin by sequencing to isolate functionally relevant neuronal subtypes. *Science advances*, 10(13), eadi4393.

Kurogi Y, et al. (2024) The seminal vesicle is a juvenile hormone-responsive tissue in adult male *Drosophila melanogaster*. *Open biology*, 14(12), 240315.

Malin JA, et al. (2024) Spatial patterning controls neuron numbers in the *Drosophila* visual system. *Developmental cell*, 59(9), 1132.

Carrier Y, et al. (2024) Biased cell adhesion organizes the *Drosophila* visual motion integration circuit. *Developmental cell*.

Catudio Garrett E, et al. (2023) The matricellular protein *Drosophila* Cellular Communication Network Factor is required for synaptic transmission and female fertility. *Genetics*, 223(3).

Ma D, et al. (2023) Neural connectivity molecules best identify the heterogeneous clock and dopaminergic cell types in the *Drosophila* adult brain. *Science advances*, 9(8), eade8500.

Kirkland NJ, et al. (2023) Age-dependent Lamin changes induce cardiac dysfunction via dysregulation of cardiac transcriptional programs. *Nature aging*, 3(1), 17.

Penfield L, et al. (2023) Nuclear lamin facilitates collective border cell invasion into confined spaces in vivo. *The Journal of cell biology*, 222(11).