

Resource Summary Report

Generated by [NIF](#) on Aug 5, 2026

P{w[+mC]=UAS-RedStinger}3, w[1118]

RRID:BDSC_8545

Type: Organism

Proper Citation

RRID:BDSC_8545

Organism Information

URL: <https://n2t.net/bdsc:8545>

Proper Citation: RRID:BDSC_8545

Description: Drosophila melanogaster with name P{w[+mC]=UAS-RedStinger}3, w[1118] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: James Posakony, University of California, San Diego

Affected Gene: Disc\RFP, UAS, w

Genomic Alteration: Chromosome 1

Catalog Number: 8545

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8545, BL8545

Organism Name: P{w[+mC]=UAS-RedStinger}3, w[1118]

Record Creation Time: 20240911T222217+0000

Record Last Update: 20260801T194655+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=UAS-RedStinger}3, w[1118].

No alerts have been found for P{w[+mC]=UAS-RedStinger}3, w[1118].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Epiney DG, et al. (2025) Single nuclei RNA-sequencing of adult brain neurons derived from type 2 neuroblasts reveals transcriptional complexity in the insect central complex. eLife, 14.

Godeau AL, et al. (2025) A transient contractile seam promotes epithelial sealing and sequential assembly of body segments. Nature communications, 16(1), 4010.

Darby AM, et al. (2025) Chronic bacterial infections exert metabolic costs in Drosophila melanogaster. The Journal of experimental biology, 228(1).

Wolfstetter G, et al. (2025) AlkTango reveals a role for Jeb/Alk signaling in the Drosophila heart. Cell communication and signaling : CCS, 23(1), 229.

Epiney D, et al. (2025) Transcriptional complexity in the insect central complex: single nuclei RNA-sequencing of adult brain neurons derived from type 2 neuroblasts. bioRxiv : the preprint server for biology.

Karling T, et al. (2025) Immune cells adapt to confined environments in vivo to optimise nuclear plasticity for migration. EMBO reports, 26(5), 1238.

Liu M, et al. (2024) Dietary cysteine and methionine promote peroxisome elevation and fat loss by induction of CG33474 expression in Drosophila adipose tissue. Cellular and molecular life sciences : CMLS, 81(1), 190.

Mlih M, et al. (2022) Integrin-ECM interactions and membrane-associated Catalase cooperate to promote resilience of the Drosophila intestinal epithelium. PLoS biology, 20(5), e3001635.

Campanale JP, et al. (2022) A Scribble/Cdep/Rac pathway controls follower-cell crawling and cluster cohesion during collective border-cell migration. Developmental cell, 57(21), 2483.

Masukawa M, et al. (2021) Male-biased protein expression in primordial germ cells, identified through a comparative study of UAS vectors in *Drosophila*. *Scientific reports*, 11(1), 21482.

Ota R, et al. (2021) Absence of X-chromosome dosage compensation in the primordial germ cells of *Drosophila* embryos. *Scientific reports*, 11(1), 4890.

Mamiya A, et al. (2018) Neural Coding of Leg Proprioception in *Drosophila*. *Neuron*, 100(3), 636.