

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[w\[*\]; P{w\[+mC\]=UAS-Lifeact.GFP.W}3](#)

RRID:BDSC_57326

Type: Organism

Proper Citation

RRID:BDSC_57326

Organism Information

URL: <https://n2t.net/bdsc:57326>

Proper Citation: RRID:BDSC_57326

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-Lifeact.GFP.W}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Denise Montell & Danfeng Cai, University of California, Santa Barbara

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

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 57326

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_57326, BL57326

Organism Name: w[*]; P{w[+mC]=UAS-Lifeact.GFP.W}3

Record Creation Time: 20240911T222852+0000

Record Last Update: 20260808T195139+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-Lifeact.GFP.W}3.

No alerts have been found for w[*]; P{w[+mC]=UAS-Lifeact.GFP.W}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Zheng T, et al. (2026) Anisotropic Cellular Forces Drive Hexagonal-to-Tetragonal Tiling Transitions in the Drosophila Eye. *Development, growth & differentiation*, 68(3), e70050.

Patel A, et al. (2025) Cytoneme feedback ensures signaling specificity when multiple ligands converge on a common receptor. *bioRxiv : the preprint server for biology*.

R??tte M, et al. (2024) CYRI controls epidermal wound closure and cohesion of invasive border cell cluster in Drosophila. *The Journal of cell biology*, 223(12).

Chen J, et al. (2024) Astrocyte growth is driven by the Tre1/S1pr1 phospholipid-binding G protein-coupled receptor. *Neuron*, 112(1), 93.

Lehne F, et al. (2023) Swip-1 promotes exocytosis of glue granules in the exocrine Drosophila salivary gland. *Journal of cell science*, 136(6).

Gao N, et al. (2022) Wun2-mediated integrin recycling promotes apoptotic cell clearance in Drosophila melanogaster. *Cell death and differentiation*, 29(12), 2545.

Logan G, et al. (2022) A Diaphanous and Enabled-dependent asymmetric actin cable array repositions nuclei during Drosophila oogenesis. *Development (Cambridge, England)*, 149(13).

Lehne F, et al. (2022) Calcium bursts allow rapid reorganization of EFhD2/Swip-1 cross-linked actin networks in epithelial wound closure. *Nature communications*, 13(1), 2492.

Ma Z, et al. (2020) TrpML-mediated astrocyte microdomain Ca²⁺ transients regulate astrocyte-tracheal interactions. *eLife*, 9.

Tsarouhas V, et al. (2019) WASH phosphorylation balances endosomal versus cortical actin network integrities during epithelial morphogenesis. *Nature communications*, 10(1), 2193.

Abeyesundara N, et al. (2018) Moesin is involved in polarity maintenance and cortical remodeling during asymmetric cell division. *Molecular biology of the cell*, 29(4), 419.