

Resource Summary Report

Generated by [Kravitz](#) on Sep 16, 2026

w[1118]; P{w[+mC]=UAS-GMA}3

RRID:BDSC_31776

Type: Organism

Proper Citation

RRID:BDSC_31776

Organism Information

URL: <https://n2t.net/bdsc:31776>

Proper Citation: RRID:BDSC_31776

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

Species: Drosophila melanogaster

Notes: Donor: Dan Kiehart, Duke University

Affected Gene: Moe, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 31776

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_31776, BDSC:31776, BL31776

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

Record Creation Time: 20240911T222527+0000

Record Last Update: 20260912T203604+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Bhattacharai A, et al. (2026) Generation and maintenance of apical rib-like actin fibers in epithelial support cells of the Drosophila eye. *Development* (Cambridge, England), 153(1).

LaFoya B, et al. (2026) Arp2/3 involvement in intercellular bridge membrane fluctuations and constriction during neural stem cell divisions. *iScience*, 29(4), 115430.

Martins CS, et al. (2025) Genetically encoded reporters of actin filament organization in living cells and tissues. *Cell*, 188(9), 2540.

Bhattacharai A, et al. (2025) Generation and maintenance of apical rib-like actin fibers in epithelial support cells of the Drosophila eye. *bioRxiv* : the preprint server for biology.

LaFoya B, et al. (2024) The cytokinetic midbody mediates asymmetric fate specification at mitotic exit during neural stem cell division. *bioRxiv* : the preprint server for biology.

Zhang X, et al. (2024) Mechanoresponsive regulation of myogenesis by the force-sensing transcriptional regulator Tono. *Current biology : CB*, 34(18), 4143.

LaFoya B, et al. (2024) Membrane oscillations driven by Arp2/3 constrict the intercellular bridge during neural stem cell divisions. *bioRxiv* : the preprint server for biology.

Lin KY, et al. (2024) Astrocytes control quiescent NSC reactivation via GPCR signaling-mediated F-actin remodeling. *Science advances*, 10(30), ead14694.

Socha C, et al. (2023) Fast drosophila enterocyte regrowth after infection involves a reverse metabolic flux driven by an amino acid transporter. *iScience*, 26(9), 107490.

LaFoya B, et al. (2023) Consumption of a polarized membrane reservoir drives asymmetric membrane expansion during the unequal divisions of neural stem cells. *Developmental cell*, 58(11), 993.

Mangione F, et al. (2022) Photoablation at single cell resolution and its application in the Drosophila epidermis and peripheral nervous system. *Frontiers in physiology*, 13, 1093303.

Kaya-??opur A, et al. (2021) The Hippo pathway controls myofibril assembly and muscle fiber growth by regulating sarcomeric gene expression. *eLife*, 10.

Del Signore SJ, et al. (2021) An autoinhibitory clamp of actin assembly constrains and directs synaptic endocytosis. *eLife*, 10.

Zhang S, et al. (2020) Periodic Oscillations of Myosin-II Mechanically Proofread Cell-Cell Connections to Ensure Robust Formation of the Cardiac Vessel. *Current biology : CB*, 30(17), 3364.

Jiang N, et al. (2019) A conserved morphogenetic mechanism for epidermal ensheathment of nociceptive sensory neurites. *eLife*, 8.

Zhang S, et al. (2018) Selective Filopodia Adhesion Ensures Robust Cell Matching in the *Drosophila* Heart. *Developmental cell*, 46(2), 189.