Resource Summary Report

Generated by T1D on Sep 17, 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 T1D .

Bhattarai 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.

Bhattarai 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), eadl4694.

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.