Resource Summary Report

Generated by kravitz2 on Jul 30, 2026

w[*]; P{w[+mC]=wor.GAL4.A}2; Dr[1]/TM3, P{w[+m*]=Ubx-lacZ.w[+]}TM3, Sb[1]

RRID:BDSC_56553
Type: Organism

Proper Citation

RRID:BDSC_56553

Organism Information

URL: https://n2t.net/bdsc:56553

Proper Citation: RRID:BDSC_56553

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=wor.GAL4.A}2; Dr[1]/TM3, P{w[+m*]=Ubx-lacZ.w[+]}TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Chris Doe, University of Oregon; Donor's Source: Mike Cleary, University of California, Merced

Affected Gene: Dr, Ecol\lacZ, Ubx, GAL4, wor, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 56553

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_56553, BL56553

Organism Name: w[*]; P{w[+mC]=wor.GAL4.A}2; Dr[1]/TM3, P{w[+m*]=Ubx-lacZ.w[+]}TM3, Sb[1]

Record Creation Time: 20240911T222845+0000

Record Last Update: 20260725T195641+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=wor.GAL4.A}2; Dr[1]/TM3, P{w[+m*]=Ubx-lacZ.w[+]}TM3, Sb[1].

No alerts have been found for w[*]; P{w[+mC]=wor.GAL4.A}2; Dr[1]/TM3, P{w[+m*]=Ubx-lacZ.w[+]}TM3, Sb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Das P, et al. (2025) The Hox Gene, abdominal-A, controls the size and timely mitotic entry of neural stem cells during CNS patterning in Drosophila. Molecular biology of the cell, 36(11), ar130.

Manzanero-Ortiz S, et al. (2024) Drosophila p53 tumor suppressor directly activates conserved asymmetric stem cell division regulators. iScience, 27(11), 111118.

Das P, et al. (2024) The Hox Gene, abdominal A controls timely mitotic entry of neural stem cell and their growth during CNS development in Drosophila. bioRxiv : the preprint server for biology.

Benchorin G, et al. (2024) Dan forms condensates in neuroblasts and regulates nuclear architecture and progenitor competence in vivo. Nature communications, 15(1), 5097.

Banach-Latapy A, et al. (2023) Differential adhesion during development establishes individual neural stem cell niches and shapes adult behaviour in Drosophila. PLoS biology, 21(11), e3002352.

Nelson JO, et al. (2023) The retrotransposon R2 maintains Drosophila ribosomal DNA repeats. Proceedings of the National Academy of Sciences of the United States of America, 120(23), e2221613120.

Hannaford MR, et al. (2022) Pericentrin interacts with Kinesin-1 to drive centriole motility. The Journal of cell biology, 221(9).

de Torres-Jurado A, et al. (2022) Glial-secreted Netrins regulate Robo1/Rac1-Cdc42 signaling threshold levels during Drosophila asymmetric neural stem/progenitor cell division. Current biology : CB, 32(10), 2174.

Palumbo RJ, et al. (2022) A clinically-relevant residue of POLR1D is required for Drosophila development. Developmental dynamics : an official publication of the American Association of Anatomists, 251(11), 1780.

Oon CH, et al. (2021) Phases of cortical actomyosin dynamics coupled to the neuroblast polarity cycle. eLife, 10.

Pütz SM, et al. (2021) Loss of p21-activated kinase Mbt/PAK4 causes Parkinson-like phenotypes in Drosophila. Disease models & mechanisms, 14(6).

Hatch HAM, et al. (2021) A KDM5-Prospero transcriptional axis functions during early neurodevelopment to regulate mushroom body formation. eLife, 10.

Holly RW, et al. (2020) A Conserved PDZ-Binding Motif in aPKC Interacts with Par-3 and Mediates Cortical Polarity. Current biology : CB, 30(5), 893.

Pop S, et al. (2020) Extensive and diverse patterns of cell death sculpt neural networks in insects. eLife, 9.

Khor S, et al. (2020) Control of lifespan and survival by Drosophila NF-?B signaling through neuroendocrine cells and neuroblasts. Aging, 12(24), 24604.

Ly PT, et al. (2020) Fzr/Cdh1 Promotes the Differentiation of Neural Stem Cell Lineages in Drosophila. Frontiers in cell and developmental biology, 8, 60.

Marchetti G, et al. (2019) Modulators of hormonal response regulate temporal fate specification in the Drosophila brain. PLoS genetics, 15(12), e1008491.

Otsuki L, et al. (2019) Dorsal-Ventral Differences in Neural Stem Cell Quiescence Are Induced by p57KIP2/Dacapo. Developmental cell, 49(2), 293.

Mirkovic M, et al. (2019) Induced aneuploidy in neural stem cells triggers a delayed stress response and impairs adult life span in flies. PLoS biology, 17(2), e3000016.

Shah PS, et al. (2018) Comparative Flavivirus-Host Protein Interaction Mapping Reveals Mechanisms of Dengue and Zika Virus Pathogenesis. Cell, 175(7), 1931.