Resource Summary Report

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P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mW.hs]=GawB}nubbin-AC-62

RRID:BDSC_25754
Type: Organism

Proper Citation

RRID:BDSC_25754

Organism Information

URL: https://n2t.net/bdsc:25754

Proper Citation: RRID:BDSC_25754

Description: Drosophila melanogaster with name P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mW.hs]=GawB}nubbin-AC-62 from BDSC.

Species: Drosophila melanogaster

Notes: Expresses Dicer-2 in the wing imaginal disc. Donor: Transgenic RNAi Project

Affected Gene: GAL4, nub, Dcr-2, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 25754

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:25754, BL25754

Organism Name: P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mW.hs]=GawB}nubbin-AC-62

Record Creation Time: 20240911T222429+0000

Record Last Update: 20250331T211619+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mW.hs]=GawB}nubbin-AC-62.

No alerts have been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mW.hs]=GawB}nubbin-AC-62.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 26 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Matamoro-Vidal A, et al. (2024) Patterned apoptosis has an instructive role for local growth and tissue shape regulation in a fast-growing epithelium. Current biology : CB, 34(2), 376.

Raicu AM, et al. (2024) A regulatory role for the unstructured C-terminal domain of the CtBP transcriptional corepressor. The Journal of biological chemistry, 300(1), 105490.

Tran NV, et al. (2024) Programmed disassembly of a microtubule-based membrane protrusion network coordinates 3D epithelial morphogenesis in Drosophila. The EMBO journal, 43(4), 568.

Kumar N, et al. (2024) Balancing competing effects of tissue growth and cytoskeletal regulation during Drosophila wing disc development. Nature communications, 15(1), 2477.

Klemm J, et al. (2024) Regeneration following tissue necrosis is mediated by non-apoptotic caspase activity. bioRxiv : the preprint server for biology.

Koh WS, et al. (2023) Regulation of morphogen pathways by a Drosophila chondroitin sulfate proteoglycan Windpipe. Journal of cell science, 136(7).

Raicu AM, et al. (2023) A regulatory role for the unstructured C-terminal domain of the CtBP transcriptional corepressor. bioRxiv : the preprint server for biology.

Huang Y, et al. (2023) Coordination of tissue homeostasis and growth by the Scribble-?-Catenin-Septate junction complex. iScience, 26(4), 106490.

Bunker J, et al. (2023) Blimp-1/PRDM1 and Hr3/ROR? specify the blue-sensitive photoreceptor subtype in Drosophila by repressing the hippo pathway. Frontiers in cell and developmental biology, 11, 1058961.

Raicu AM, et al. (2023) Retinoblastoma protein activity revealed by CRISPRi study of divergent Rbf1 and Rbf2 paralogs. bioRxiv : the preprint server for biology.

Spitzer DC, et al. (2023) The cell adhesion molecule Echinoid promotes tissue survival and separately restricts tissue overgrowth in Drosophila imaginal discs. bioRxiv : the preprint server for biology.

Banreti A, et al. (2022) Biological effects of the loss of homochirality in a multicellular organism. Nature communications, 13(1), 7059.

Huang Y, et al. (2022) Scribble and ?-Catenin cooperatively regulate epithelial homeostasis and growth. Frontiers in cell and developmental biology, 10, 912001.

Yang S, et al. (2022) The NDNF-like factor Nord is a Hedgehog-induced extracellular BMP modulator that regulates Drosophila wing patterning and growth. eLife, 11.

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.

Brandwine T, et al. (2021) Knockdown of Dehydrodolichyl Diphosphate Synthase in the Drosophila Retina Leads to a Unique Pattern of Retinal Degeneration. Frontiers in molecular neuroscience, 14, 693967.

Regadas I, et al. (2021) A unique histone 3 lysine 14 chromatin signature underlies tissue-specific gene regulation. Molecular cell, 81(8), 1766.

Parra AS, et al. (2020) Mud Loss Restricts Yki-Dependent Hyperplasia in Drosophila Epithelia. Journal of developmental biology, 8(4).

Banreti AR, et al. (2020) The NMDA receptor regulates competition of epithelial cells in the Drosophila wing. Nature communications, 11(1), 2228.

Towler BP, et al. (2020) Dis3L2 regulates cell proliferation and tissue growth through a conserved mechanism. PLoS genetics, 16(12), e1009297.