Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

P{w[+mC]=UAS-Dcr-2.D}1, w[1118]

RRID:BDSC_24646
Type: Organism

Proper Citation

RRID:BDSC_24646

Organism Information

URL: https://n2t.net/bdsc:24646

Proper Citation: RRID:BDSC_24646

Description: Drosophila melanogaster with name P{w[+mC]=UAS-Dcr-2.D}1, w[1118] from BDSC.

Species: Drosophila melanogaster

Notes: Expresses Dicer-2 under UAS control. X, second and third chromosomes isogenic with stock 5905. Donor: Barry Dickson, Research Institute of Molecular Pathology

Affected Gene: Dcr-2, UAS, w

Genomic Alteration: Chromosome 1

Catalog Number: 24646

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:24646, BL24646

Organism Name: P{w[+mC]=UAS-Dcr-2.D}1, w[1118]

Record Creation Time: 20240911T222419+0000

Record Last Update: 20250331T211545+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118].

No alerts have been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118].

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 FDI Lab - SciCrunch.org.

Mukherjee A, et al. (2024) ?-TuRCs and the augmin complex are required for the development of highly branched dendritic arbors in Drosophila. Journal of cell science, 137(9).

Rodríguez A, et al. (2024) Cell proliferation and Notch signaling coordinate the formation of epithelial folds in the Drosophila leg. Development (Cambridge, England), 151(8).

Blackie L, et al. (2024) The sex of organ geometry. Nature, 630(8016), 392.

Lapraz F, et al. (2023) Asymmetric activity of NetrinB controls laterality of the Drosophila brain. Nature communications, 14(1), 1052.

Giesecke A, et al. (2023) A novel period mutation implicating nuclear export in temperature compensation of the Drosophila circadian clock. Current biology : CB, 33(2), 336.

Chen SF, et al. (2023) Drosophila Phosphatase of Regenerating Liver Is Critical for Photoreceptor Cell Polarity and Survival during Retinal Development. International journal of molecular sciences, 24(14).

Simões S, et al. (2022) Crumbs complex-directed apical membrane dynamics in epithelial cell ingression. The Journal of cell biology, 221(7).

Alhadyian H, et al. (2021) Septate junction proteins are required for egg elongation and border cell migration during oogenesis in Drosophila. G3 (Bethesda, Md.), 11(7).

Thornquist SC, et al. (2021) Biochemical evidence accumulates across neurons to drive a network-level eruption. Molecular cell, 81(4), 675.

Del Signore SJ, et al. (2021) An autoinhibitory clamp of actin assembly constrains and

directs synaptic endocytosis. eLife, 10.

Mukherjee A, et al. (2020) Microtubules originate asymmetrically at the somatic golgi and are guided via Kinesin2 to maintain polarity within neurons. eLife, 9.

Scopelliti A, et al. (2019) A Neuronal Relay Mediates a Nutrient Responsive Gut/Fat Body Axis Regulating Energy Homeostasis in Adult Drosophila. Cell metabolism, 29(2), 269.

Schlichting M, et al. (2019) Light-Mediated Circuit Switching in the Drosophila Neuronal Clock Network. Current biology : CB, 29(19), 3266.

Barr J, et al. (2019) The Drosophila CPEB Protein Orb Specifies Oocyte Fate by a 3'UTR-Dependent Autoregulatory Loop. Genetics, 213(4), 1431.

Abeysundara 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.

Azevedo AW, et al. (2017) Active Mechanisms of Vibration Encoding and Frequency Filtering in Central Mechanosensory Neurons. Neuron, 96(2), 446.