## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on Apr 30, 2024

# w[1118]

RRID:BDSC\_6326 Type: Organism

### **Proper Citation**

RRID:BDSC\_6326

#### **Organism Information**

URL: https://n2t.net/bdsc:6326

Proper Citation: RRID:BDSC\_6326

**Description:** Drosophila melanogaster with name w[1118] from BDSC.

**Species:** Drosophila melanogaster

**Notes:** This is the isogenic background for Exelixis P and PBac insertions. SNP mapping stock, isogenic 2nd and 3rd chromosomes, see Hoskins et al., 2001, (FBrf0136956). Donor: Exelixis, Inc.

Affected Gene: w

Genomic Alteration: Chromosome 1

Catalog Number: 6326

Database: Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation: BDSC** 

**Availability:** Available

Organism Name: w[1118]

#### Ratings and Alerts

No rating or validation information has been found for w[1118].

#### **Data and Source Information**

Source: Integrated Animals

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

#### **Usage and Citation Metrics**

We found 22 mentions in open access literature.

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

Martinez A, et al. (2024) Mitochondrial CISD1/Cisd accumulation blocks mitophagy and genetic or pharmacological inhibition rescues neurodegenerative phenotypes in Pink1/parkin models. Molecular neurodegeneration, 19(1), 12.

Dobbelaere J, et al. (2023) A phylogenetic profiling approach identifies novel ciliogenesis genes in Drosophila and C. elegans. The EMBO journal, 42(16), e113616.

Agip AA, et al. (2023) Cryo-EM structures of mitochondrial respiratory complex I from Drosophila melanogaster. eLife, 12.

Saunders HAJ, et al. (2022) Acetylated ?-tubulin K394 regulates microtubule stability to shape the growth of axon terminals. Current biology: CB, 32(3), 614.

Usher JL, et al. (2022) Parkin drives pS65-Ub turnover independently of canonical autophagy in Drosophila. EMBO reports, 23(12), e53552.

de Faria IJS, et al. (2022) Invading viral DNA triggers dsRNA synthesis by RNA polymerase II to activate antiviral RNA interference in Drosophila. Cell reports, 39(12), 110976.

Neophytou C, et al. (2022) Biotin controls intestinal stem cell mitosis and host-microbiome interactions. Cell reports, 38(10), 110505.

Hewitt VL, et al. (2022) Decreasing pdzd8-mediated mito-ER contacts improves organismal fitness and mitigates A?42 toxicity. Life science alliance, 5(11).

Oh Y, et al. (2021) Periphery signals generated by Piezo-mediated stomach stretch and Neuromedin-mediated glucose load regulate the Drosophila brain nutrient sensor. Neuron, 109(12), 1979.

Li Y, et al. (2021) Drosophila Solute Carrier 5A5 Regulates Systemic Glucose Homeostasis by Mediating Glucose Absorption in the Midgut. International journal of molecular sciences, 22(22).

Lee JJ, et al. (2020) The STING pathway does not contribute to behavioural or mitochondrial phenotypes in Drosophila Pink1/parkin or mtDNA mutator models. Scientific reports, 10(1), 2693.

Terriente-Felix A, et al. (2020) Drosophila phosphatidylinositol-4 kinase fwd promotes mitochondrial fission and can suppress Pink1/parkin phenotypes. PLoS genetics, 16(10), e1008844.

Dobbelaere J, et al. (2020) Cep97 Is Required for Centriole Structural Integrity and Cilia Formation in Drosophila. Current biology: CB, 30(15), 3045.

Coombes CE, et al. (2020) Non-enzymatic Activity of the ?-Tubulin Acetyltransferase ?TAT Limits Synaptic Bouton Growth in Neurons. Current biology: CB, 30(4), 610.

Nagai H, et al. (2020) Immunoglobulin superfamily beat-lb mediates intestinal regeneration induced by reactive oxygen species in Drosophila. Genes to cells: devoted to molecular & cellular mechanisms, 25(5), 343.

Chen K, et al. (2019) Drosophila Histone Demethylase KDM5 Regulates Social Behavior through Immune Control and Gut Microbiota Maintenance. Cell host & microbe, 25(4), 537.

Tufi R, et al. (2019) Comprehensive Genetic Characterization of Mitochondrial Ca2+ Uniporter Components Reveals Their Different Physiological Requirements In Vivo. Cell reports, 27(5), 1541.

Lim HY, et al. (2019) Select Septate Junction Proteins Direct ROS-Mediated Paracrine Regulation of Drosophila Cardiac Function. Cell reports, 28(6), 1455.

Goto A, et al. (2018) The Kinase IKK? Regulates a STING- and NF-?B-Dependent Antiviral Response Pathway in Drosophila. Immunity, 49(2), 225.

Stahl BA, et al. (2018) The Taurine Transporter Eaat2 Functions in Ensheathing Glia to Modulate Sleep and Metabolic Rate. Current biology: CB, 28(22), 3700.