Resource Summary Report

Generated by NIF on Sep 1, 2026

w[1118]; P{w[+mC]=UAS-Fra.Fbz}5

RRID:BDSC_7214
Type: Organism

Proper Citation

RRID:BDSC_7214

Organism Information

URL: https://n2t.net/bdsc:7214

Proper Citation: RRID:BDSC_7214

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-Fra.Fbz}5 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Mariann Bienz, Medical Research Council

Affected Gene: kay, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 7214

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7214, BL7214

Organism Name: w[1118]; P{w[+mC]=UAS-Fra.Fbz}5

Record Creation Time: 20240911T222207+0000

Record Last Update: 20260829T185545+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-Fra.Fbz}5.

No alerts have been found for w[1118]; P{w[+mC]=UAS-Fra.Fbz}5.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Bossen J, et al. (2026) Tracheal terminal cells of Drosophila are immune privileged to maintain their Foxo-dependent structural plasticity. eLife, 13.

Waller TJ, et al. (2025) Pyruvate kinase deficiency links metabolic perturbations to neurodegeneration and axonal protection. bioRxiv : the preprint server for biology.

Waller TJ, et al. (2025) Pyruvate kinase deficiency links metabolic perturbations to neurodegeneration and axonal protection. Molecular metabolism, 98, 102187.

Almeida Machado Costa C, et al. (2025) Single-cell transcriptomics reveals stepwise transformation of epithelial cells into Non-Professional Phagocytes. PLoS genetics, 21(12), e1011953.

Byrns CN, et al. (2024) Senescent glia link mitochondrial dysfunction and lipid accumulation. Nature, 630(8016), 475.

Waller TJ, et al. (2023) Opposing roles of Fos, Raw, and SARM1 in the regulation of axonal degeneration and synaptic structure. Frontiers in cellular neuroscience, 17, 1283995.

Gera J, et al. (2022) Physiological ROS controls Upd3-dependent modeling of ECM to support cardiac function in Drosophila. Science advances, 8(7), eabj4991.

Soory A, et al. (2022) SUMOylation of Jun fine-tunes the Drosophila gut immune response. PLoS pathogens, 18(3), e1010356.

Hayne M, et al. (2022) Protein phosphatase 2A restrains DLK signaling to promote proper Drosophila synaptic development and mammalian cortical neuron survival. Neurobiology of disease, 163, 105586.

Greenspan LJ, et al. (2022) Activation of the EGFR/MAPK pathway drives transdifferentiation of quiescent niche cells to stem cells in the Drosophila testis niche. eLife, 11.

Ugbode C, et al. (2020) JNK signalling regulates antioxidant responses in neurons. Redox biology, 37, 101712.

Russo A, et al. (2019) Wnd/DLK Is a Critical Target of FMRP Responsible for Neurodevelopmental and Behavior Defects in the Drosophila Model of Fragile X Syndrome. Cell reports, 28(10), 2581.

Zhu S, et al. (2019) JNK signaling coordinates with ecdysone signaling to promote pruning of Drosophila sensory neuron dendrites. Development (Cambridge, England), 146(8).

Toshniwal AG, et al. (2019) ROS Inhibits Cell Growth by Regulating 4EBP and S6K, Independent of TOR, during Development. Developmental cell, 49(3), 473.

Worley MI, et al. (2018) CtBP impedes JNK- and Upd/STAT-driven cell fate misspecifications in regenerating Drosophila imaginal discs. eLife, 7.