

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 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: 20260725T194842+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 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

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

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

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.

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

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

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.