Resource Summary Report

Generated by Kravitz on Sep 11, 2026

w[1118]; P{w[+mW.hs]=Switch1}106

RRID:BDSC_8151
Type: Organism

Proper Citation

RRID:BDSC_8151

Organism Information

URL: https://n2t.net/bdsc:8151

Proper Citation: RRID:BDSC_8151

Description: Drosophila melanogaster with name w[1118]; P{w[+mW.hs]=Switch1}106 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Gregg Roman, Baylor College of Medicine

Affected Gene: GAL4::GS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8151

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8151, BDSC:8151, BL8151

Organism Name: w[1118]; P{w[+mW.hs]=Switch1}106

Record Creation Time: 20240911T222214+0000

Record Last Update: 20260905T135843+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mW.hs]=Switch1}106.

No alerts have been found for w[1118]; P{w[+mW.hs]=Switch1}106.

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 Kravitz .

Alcaraz J, et al. (2026) Chronic intestinal immune activation reveals separable impacts of inflammation and barrier loss on hallmarks of ageing. PloS one, 21(2), e0342910.

Menon RV, et al. (2026) Moderate nutritional stress reprogrammes insulin responses to drive enhanced starvation tolerance in Drosophila melanogaster. The Journal of experimental biology, 229(2).

Li J, et al. (2026) Profiling the host defense responses against Candida auris in a reliable Drosophila melanogaster infection model. mLife, 5(1), 51.

Lennicke C, et al. (2025) Enhancing autophagy by redox regulation extends lifespan in Drosophila. Nature communications, 16(1), 5379.

Hwangbo DS, et al. (2023) Dietary Restriction Impacts Peripheral Circadian Clock Output Important for Longevity in Drosophila. bioRxiv : the preprint server for biology.

Zhao Y, et al. (2023) Fat- and sugar-induced signals regulate sweet and fat taste perception in Drosophila. Cell reports, 42(11), 113387.

Taylor JR, et al. (2022) Sirt6 regulates lifespan in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 119(5).

Pandey M, et al. (2021) miR-125-chinmo pathway regulates dietary restriction-dependent enhancement of lifespan in Drosophila. eLife, 10.

Ngian ZK, et al. (2021) NELF-A controls Drosophila healthspan by regulating heat-shock protein-mediated cellular protection and heterochromatin maintenance. Aging cell, 20(5), e13348.

Harrison BR, et al. (2020) The metabolome as a link in the genotype-phenotype map for peroxide resistance in the fruit fly, Drosophila melanogaster. BMC genomics, 21(1), 341.

Li IC, et al. (2019) Erinacine A-enriched Hericium erinaceus mycelia promotes longevity in Drosophila melanogaster and aged mice. PloS one, 14(5), e0217226.

Park JE, et al. (2018) Flightless-I Controls Fat Storage in Drosophila. Molecules and cells, 41(6), 603.

Badinloo M, et al. (2018) Overexpression of antimicrobial peptides contributes to aging through cytotoxic effects in Drosophila tissues. Archives of insect biochemistry and physiology, 98(4), e21464.

Barajas-Azpeleta R, et al. (2018) Antimicrobial peptides modulate long-term memory. PLoS genetics, 14(10), e1007440.