Resource Summary Report

Generated by Kravitz on Sep 10, 2026

w[*]; P{w[+mC]=EcRE.lacZ}SS3

RRID:BDSC_4517
Type: Organism

Proper Citation

RRID:BDSC_4517

Organism Information

URL: https://n2t.net/bdsc:4517

Proper Citation: RRID:BDSC_4517

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=EcRE.lacZ}SS3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: David Hogness, Stanford University

Affected Gene: Ecol\lacZ, Hsp27, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 4517

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_4517, BDSC:4517, BL4517

Organism Name: w[*]; P{w[+mC]=EcRE.lacZ}SS3

Record Creation Time: 20240911T222144+0000

Record Last Update: 20260905T135759+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=EcRE.lacZ}SS3.

No alerts have been found for w[*]; P{w[+mC]=EcRE.lacZ}SS3.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Li J, et al. (2025) Ecdysone signaling-induced dumpless1 expression controls nurse cell dumping in Drosophila oogenesis. Nature communications, 16(1), 8917.

Imura E, et al. (2025) Steroid hormone-dependent glial-neuronal interaction promotes brain development during Drosophila metamorphosis. bioRxiv : the preprint server for biology.

Terry D, et al. (2024) Local ecdysone synthesis in a wounded epithelium sustains developmental delay and promotes regeneration in Drosophila. bioRxiv : the preprint server for biology.

Terry D, et al. (2024) Local Ecdysone synthesis in a wounded epithelium sustains developmental delay and promotes regeneration in Drosophila. Development (Cambridge, England), 151(12).

Wang X, et al. (2024) Nuclear receptor E75/NR1D2 promotes tumor malignant transformation by integrating Hippo and Notch pathways. The EMBO journal, 43(24), 6336.

N Landis G, et al. (2022) A screen of small molecule and genetic modulators of life span in female Drosophila identifies etomoxir, RH5849 and unanticipated temperature effects. Fly, 16(1), 397.

Landis GN, et al. (2021) Metabolic Signatures of Life Span Regulated by Mating, Sex Peptide, and Mifepristone/RU486 in Female Drosophila melanogaster. The journals of gerontology. Series A, Biological sciences and medical sciences, 76(2), 195.

Wang X, et al. (2020) Temporal Coordination of Collective Migration and Lumen Formation by Antagonism between Two Nuclear Receptors. iScience, 23(7), 101335.

Okamoto N, et al. (2020) Steroid Hormone Entry into the Brain Requires a Membrane Transporter in Drosophila. Current biology : CB, 30(2), 359.

Musselman LP, et al. (2018) Seven-Up Is a Novel Regulator of Insulin Signaling. Genetics, 208(4), 1643.

Okamoto N, et al. (2018) A Membrane Transporter Is Required for Steroid Hormone Uptake in Drosophila. Developmental cell, 47(3), 294.