

# Resource Summary Report

Generated by T1D on Sep 17, 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:** EcoIIacZ, 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:** 20260912T203102+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  $w[*]$ ;  $P\{w[+mC]=EcRE.lacZ\}SS3$ .

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We found 11 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#).

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.