

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

[w\[*\]; P{w\[+mC\]=UAS-EcR.B1}3b](#)

RRID:BDSC_6469

Type: Organism

Proper Citation

RRID:BDSC_6469

Organism Information

URL: <https://n2t.net/bdsc:6469>

Proper Citation: RRID:BDSC_6469

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-EcR.B1}3b from BDSC.

Species: Drosophila melanogaster

Notes: This stock is Wolbachia-free per Allie Smith, 4/22/2024. Donor: Lucy Cherbas, Indiana University, Bloomington; Donor's Source: Steven Robinow, University of Hawaii, Manoa

Affected Gene: EcR, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 6469

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6469, BL6469

Organism Name: w[*]; P{w[+mC]=UAS-EcR.B1}3b

Record Creation Time: 20240911T222200+0000

Record Last Update: 20260725T194834+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-EcR.B1}3b.

No alerts have been found for w[*]; P{w[+mC]=UAS-EcR.B1}3b.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Touré H, et al. (2025) ENaC is a host susceptibility factor to bacterial infections in cystic fibrosis context. *Communications biology*, 8(1), 653.

Matsuka M, et al. (2024) Fecundity is optimized by levels of nutrient signal-dependent expression of Dve and EcR in Drosophila male accessory gland. *Developmental biology*, 508, 8.

Wani AR, et al. (2024) Stem cell-specific ecdysone signaling regulates the development of dorsal fan-shaped body neurons and sleep homeostasis. *Current biology : CB*, 34(21), 4951.

Wani AR, et al. (2023) Stem cell-specific ecdysone signaling regulates the development and function of a Drosophila sleep homeostat. *bioRxiv : the preprint server for biology*.

Jaszczak JS, et al. (2022) Steroid hormone signaling activates thermal nociception during Drosophila peripheral nervous system development. *eLife*, 11.

Rossi AM, et al. (2020) Extrinsic activin signaling cooperates with an intrinsic temporal program to increase mushroom body neuronal diversity. *eLife*, 9.

Christensen CF, et al. (2020) Ecdysone-dependent feedback regulation of prothoracicotropic hormone controls the timing of developmental maturation. *Development (Cambridge, England)*, 147(14).

Latcheva NK, et al. (2019) The Drosophila Chromodomain Protein Kismet Activates Steroid Hormone Receptor Transcription to Govern Axon Pruning and Memory In Vivo. *iScience*, 16, 79.

Marchetti G, et al. (2019) Modulators of hormonal response regulate temporal fate specification in the Drosophila brain. *PLoS genetics*, 15(12), e1008491.

Vishal K, et al. (2018) Thin is required for cell death in the Drosophila abdominal muscles by targeting DIAP1. *Cell death & disease*, 9(7), 740.

Jiang Y, et al. (2018) An intrinsic tumour eviction mechanism in *Drosophila* mediated by steroid hormone signalling. *Nature communications*, 9(1), 3293.

Knapp E, et al. (2017) Steroid signaling in mature follicles is important for *Drosophila* ovulation. *Proceedings of the National Academy of Sciences of the United States of America*, 114(4), 699.