

Resource Summary Report

Generated by [dkNET](#) on Aug 11, 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: 20260808T194319+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 14 mentions in open access literature.

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

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

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

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.

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.

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.

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.

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

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.

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.