

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[w\[*\]; P{w\[+mC\]=UAS-EcR.A.W650A}TP5](#)

RRID:BDSC_9451

Type: Organism

Proper Citation

RRID:BDSC_9451

Organism Information

URL: <https://n2t.net/bdsc:9451>

Proper Citation: RRID:BDSC_9451

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-EcR.A.W650A}TP5 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Lucy Cherbas, Indiana University, Bloomington

Affected Gene: EcR, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 9451

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9451, BL9451

Organism Name: w[*]; P{w[+mC]=UAS-EcR.A.W650A}TP5

Record Creation Time: 20240911T222225+0000

Record Last Update: 20260801T194709+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-EcR.A.W650A}TP5.

No alerts have been found for w[*]; P{w[+mC]=UAS-EcR.A.W650A}TP5.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Sun J, et al. (2023) Single-cell transcriptomics illuminates regulatory steps driving anterior-posterior patterning of Drosophila embryonic mesoderm. *Cell reports*, 42(10), 113289.

Yamada T, et al. (2023) Nac?? protects the larval fat body from cell death by maintaining cellular proteostasis in Drosophila. *Nature communications*, 14(1), 5328.

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

DaCrema D, et al. (2021) Ecdysone regulates the Drosophila imaginal disc epithelial barrier, determining the length of regeneration checkpoint delay. *Development (Cambridge, England)*, 148(6).

Banisch TU, et al. (2021) A transitory signaling center controls timing of primordial germ cell differentiation. *Developmental cell*, 56(12), 1742.

Narbonne-Reveau K, et al. (2019) Developmental regulation of regenerative potential in Drosophila by ecdysone through a bistable loop of ZBTB transcription factors. *PLoS biology*, 17(2), e3000149.

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

Sharma V, et al. (2017) Functional male accessory glands and fertility in Drosophila require novel ecdysone receptor. *PLoS genetics*, 13(5), e1006788.

Sampson CJ, et al. (2013) Activation of Drosophila hemocyte motility by the ecdysone hormone. *Biology open*, 2(12), 1412.

Gancz D, et al. (2011) Coordinated regulation of niche and stem cell precursors by hormonal signaling. *PLoS biology*, 9(11), e1001202.