

# Resource Summary Report

Generated by T1D on Sep 17, 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, BDSC:9451, BL9451

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

**Record Creation Time:** 20240911T222225+0000

**Record Last Update:** 20260912T203158+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.

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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 12 mentions in open access literature.

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

Israel S, et al. (2025) A new system for studying neuronal remodeling and its relation to behavior in Drosophila. *Communications biology*, 8(1), 1830.

Nguyen PK, et al. (2024) Drosophila medulla neuroblast termination via apoptosis, differentiation, and gliogenic switch is scheduled by the depletion of the neuroepithelial stem cell pool. *eLife*, 13.

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.

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

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.