

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 3, 2026

## w[1118]; P{w[+mC]=UAS-EcR.B1-DeltaC655.W650A}TP1-9

RRID:BDSC\_6872

Type: Organism

### Proper Citation

RRID:BDSC\_6872

### Organism Information

**URL:** <https://n2t.net/bdsc:6872>

**Proper Citation:** RRID:BDSC\_6872

**Description:** Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-EcR.B1-DeltaC655.W650A}TP1-9 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:** 6872

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_6872, BL6872

**Organism Name:** w[1118]; P{w[+mC]=UAS-EcR.B1-DeltaC655.W650A}TP1-9

**Record Creation Time:** 20240911T222204+0000

**Record Last Update:** 20260801T194632+0000

### Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-EcR.B1-DeltaC655.W650A}TP1-9.

No alerts have been found for w[1118]; P{w[+mC]=UAS-EcR.B1-DeltaC655.W650A}TP1-9.

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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 26 mentions in open access literature.

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

Koh XY, et al. (2026) Spatiotemporal Crosstalk Between Oocyte and the Microenvironment Governs Preovulatory Follicle Aging. Aging cell, 25(1), e70302.

Zhang X, et al. (2025) Atypical developmental remodeling of dopamine neurons involves AKT-GSK3?? signaling and glia-mediated axon degeneration. bioRxiv : the preprint server for biology.

Cruz J, et al. (2024) E93 controls adult differentiation by repressing broad in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 121(51), e2403162121.

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.

Marmor-Kollet N, et al. (2023) Actin-dependent astrocytic infiltration is a key step for axon defasciculation during remodeling. Cell reports, 42(2), 112117.

Mayseless O, et al. (2023) Neuronal excitability as a regulator of circuit remodeling. Current biology : CB, 33(5), 981.

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.

Oramas R, et al. (2023) The bHLH-PAS transcriptional complex Sim:Tgo plays active roles in late oogenesis to promote follicle maturation and ovulation. Development (Cambridge, England), 150(12).

Jia D, et al. (2022) Developmental regulation of epithelial cell cuboidal-to-squamous transition in *Drosophila* follicle cells. *Developmental biology*, 491, 113.

Ramesh P, et al. (2021) Relish plays a dynamic role in the niche to modulate *Drosophila* blood progenitor homeostasis in development and infection. *eLife*, 10.

Marzano M, et al. (2021) AMPK adapts metabolism to developmental energy requirement during dendrite pruning in *Drosophila*. *Cell reports*, 37(7), 110024.

Chew LY, et al. (2021) The Nrf2-Keap1 pathway is activated by steroid hormone signaling to govern neuronal remodeling. *Cell reports*, 36(5), 109466.

Duan J, et al. (2020) Bab2 Functions as an Ecdysone-Responsive Transcriptional Repressor during *Drosophila* Development. *Cell reports*, 32(4), 107972.

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

Hadjieconomou D, et al. (2020) Enteric neurons increase maternal food intake during reproduction. *Nature*, 587(7834), 455.

Knapp EM, et al. (2020) Nuclear receptor Ftz-f1 promotes follicle maturation and ovulation partly via bHLH/PAS transcription factor Sim. *eLife*, 9.

Zhou Y, et al. (2019) Broad Promotes Neuroepithelial Stem Cell Differentiation in the *Drosophila* Optic Lobe. *Genetics*, 213(3), 941.

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

Zhu S, et al. (2019) JNK signaling coordinates with ecdysone signaling to promote pruning of *Drosophila* sensory neuron dendrites. *Development (Cambridge, England)*, 146(8).