

Resource Summary Report

Generated by [NIF](#) on Sep 1, 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: 20260829T185544+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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

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.

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

Sung HH, et al. (2024) Galectins induced from hemocytes bridge phosphatidylserine and N-glycosylated Drpr/CED-1 receptor during dendrite pruning. Nature communications, 15(1), 7402.

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.

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.

Ruan ZR, et al. (2024) Inter-organ steroid hormone signaling promotes myoblast fusion via direct transcriptional regulation of a single key effector gene. Current biology : CB.

Yuan D, et al. (2024) Schlank orchestrates insect developmental transition by switching H3K27 acetylation to trimethylation in the prothoracic gland. Proceedings of the National

Academy of Sciences of the United States of America, 121(35), e2401861121.

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.

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).

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*.

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.

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

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

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

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.