

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

[w\[1118\]; P{w\[+mC\]=Crz-GAL4.391}3M](#)

RRID:BDSC_51976

Type: Organism

Proper Citation

RRID:BDSC_51976

Organism Information

URL: <https://n2t.net/bdsc:51976>

Proper Citation: RRID:BDSC_51976

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=Crz-GAL4.391}3M from BDSC.

Species: Drosophila melanogaster

Notes: Backcrossed to Canton-S. Donor: Kenta Asahina & David Anderson, California Institute of Technology

Affected Gene: Crz, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 51976

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51976, BL51976

Organism Name: w[1118]; P{w[+mC]=Crz-GAL4.391}3M

Record Creation Time: 20240911T222801+0000

Record Last Update: 20260801T195432+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=Crz-GAL4.391}3M.

No alerts have been found for w[1118]; P{w[+mC]=Crz-GAL4.391}3M.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Marini-Davis A, et al. (2025) Juvenile hormone regulates the maturation of sexually dimorphic naive ethanol olfactory preference in *Drosophila melanogaster*. *Royal Society open science*, 12(8), 242217.

Roach TV, et al. (2024) Mating-induced Ecdysone in the testis disrupts soma-germline contacts and stem cell cytokinesis. *Development (Cambridge, England)*, 151(11).

Roach TV, et al. (2023) Mating-induced ecdysone in the testis disrupts soma-germline contacts and stem cell cytokinesis. *bioRxiv : the preprint server for biology*.

Yang YT, et al. (2023) Sex peptide regulates female receptivity through serotonergic neurons in *Drosophila*. *iScience*, 26(3), 106123.

Oyeyinka A, et al. (2022) Corazonin Neurons Contribute to Dimorphic Ethanol Sedation Sensitivity in *Drosophila melanogaster*. *Frontiers in neural circuits*, 16, 702901.

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. *Current biology : CB*, 32(6), 1362.

Zandawala M, et al. (2021) A neuroendocrine pathway modulating osmotic stress in *Drosophila*. *PLoS genetics*, 17(3), e1009425.

Thornquist SC, et al. (2021) Biochemical evidence accumulates across neurons to drive a network-level eruption. *Molecular cell*, 81(4), 675.

Gao C, et al. (2020) Sex and Death: Identification of Feedback Neuromodulation Balancing Reproduction and Survival. *Neuroscience bulletin*, 36(12), 1429.

Nagy D, et al. (2019) Peptidergic signaling from clock neurons regulates reproductive dormancy in *Drosophila melanogaster*. *PLoS genetics*, 15(6), e1008158.

Megha , et al. (2019) ER-Ca²⁺ sensor STIM regulates neuropeptides required for development under nutrient restriction in *Drosophila*. *PloS one*, 14(7), e0219719.

Zer-Krispil S, et al. (2018) Ejaculation Induced by the Activation of Crz Neurons Is Rewarding to *Drosophila* Males. *Current biology* : CB, 28(9), 1445.