

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

w[1118]; P{w[+mC]=Crz-GAL4.391}4M

RRID:BDSC_51977

Type: Organism

Proper Citation

RRID:BDSC_51977

Organism Information

URL: <https://n2t.net/bdsc:51977>

Proper Citation: RRID:BDSC_51977

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=Crz-GAL4.391}4M 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 3

Catalog Number: 51977

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51977, BDSC:51977, BL51977

Organism Name: w[1118]; P{w[+mC]=Crz-GAL4.391}4M

Record Creation Time: 20240911T222801+0000

Record Last Update: 20260905T140653+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=Crz-GAL4.391}4M.

No alerts have been found for w[1118]; P{w[+mC]=Crz-GAL4.391}4M.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Sadanandappa MK, et al. (2026) GAL4-based functional screen of neuropeptides in Drosophila reproduction. PloS one, 21(3), e0345918.

Zhang T, et al. (2025) Neuropeptide-mediated synaptic plasticity regulates context-dependent mating behaviors in Drosophila. PLoS biology, 23(9), e3003330.

Liu J, et al. (2023) Alleviation of thermal nociception depends on heat-sensitive neurons and a TRP channel in the brain. Current biology : CB, 33(12), 2397.

Ishii K, et al. (2022) A neurogenetic mechanism of experience-dependent suppression of aggression. Science advances, 8(36), eabg3203.

Li H, et al. (2022) Fringe-positive Golgi outposts unite temporal Furin 2 convertase activity and spatial Delta signal to promote dendritic branch retraction. Cell reports, 40(12), 111372.

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

Imura E, et al. (2020) The Corazonin-PTTH Neuronal Axis Controls Systemic Body Growth by Regulating Basal Ecdysteroid Biosynthesis in Drosophila melanogaster. Current biology : CB, 30(11), 2156.

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