

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[y\[1\] w\[*\]; P{w\[+mC\]=crq-GAL4}2](#)

RRID:BDSC_25041

Type: Organism

Proper Citation

RRID:BDSC_25041

Organism Information

URL: <https://n2t.net/bdsc:25041>

Proper Citation: RRID:BDSC_25041

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=crq-GAL4}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Birgitta Olofsson, University of Cambridge

Affected Gene: crq, GAL4, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 25041

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25041, BDSC:25041, BL25041

Organism Name: y[1] w[*]; P{w[+mC]=crq-GAL4}2

Record Creation Time: 20240911T222423+0000

Record Last Update: 20260912T203435+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=crq-GAL4}2.

No alerts have been found for $y[1] w[*]; P\{w[+mC]=crq-GAL4\}2$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Jay TR, et al. (2026) Developmental and age-related synapse elimination is mediated by glial Croquemort. *Neuron*.

Karling T, et al. (2025) Immune cells adapt to confined environments in vivo to optimise nuclear plasticity for migration. *EMBO reports*, 26(5), 1238.

Varga V, et al. (2025) Role of Hemocytes in the Aging of Drosophila Male Germline. *Cells*, 14(4).

Touré H, et al. (2024) Remote disruption of intestinal homeostasis by Mycobacterium abscessus is detrimental to Drosophila survival. *Scientific reports*, 14(1), 30775.

Vincow ES, et al. (2024) Glucocerebrosidase deficiency leads to neuropathology via cellular immune activation. *PLoS genetics*, 20(11), e1011105.

Clemente GD, et al. (2023) A PI3K-calcium-Nox axis primes leukocyte Nrf2 to boost immune resilience and limit collateral damage. *The Journal of cell biology*, 222(6).

Krejřová G, et al. (2023) Macrophage-derived insulin antagonist ImpL2 induces lipoprotein mobilization upon bacterial infection. *The EMBO journal*, 42(23), e114086.

Vincow ES, et al. (2023) Glucocerebrosidase deficiency leads to neuropathology via cellular immune activation. *bioRxiv : the preprint server for biology*.

Touré H, et al. (2023) Mycobacterium abscessus resists the innate cellular response by surviving cell lysis of infected phagocytes. *PLoS pathogens*, 19(3), e1011257.

Zheng Q, et al. (2021) bfc, a novel serpent co-factor for the expression of croquemort, regulates efferocytosis in Drosophila melanogaster. *PLoS genetics*, 17(12), e1009947.

Coates JA, et al. (2021) Identification of functionally distinct macrophage subpopulations in Drosophila. *eLife*, 10.

Boulet M, et al. (2021) Characterization of the Drosophila Adult Hematopoietic System Reveals a Rare Cell Population With Differentiation and Proliferation Potential. *Frontiers in cell and developmental biology*, 9, 739357.

Buhlman LM, et al. (2021) Drosophila as a model to explore secondary injury cascades after traumatic brain injury. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 142, 112079.

Romão D, et al. (2021) The Upd3 cytokine couples inflammation to maturation defects in Drosophila. *Current biology : CB*, 31(8), 1780.

Davidson AJ, et al. (2020) Macrophages Use Distinct Actin Regulators to Switch Engulfment Strategies and Ensure Phagocytic Plasticity In Vivo. *Cell reports*, 31(8), 107692.

Fu Y, et al. (2020) Single-cell RNA sequencing identifies novel cell types in Drosophila blood. *Journal of genetics and genomics = Yi chuan xue bao*, 47(4), 175.

Nakano R, et al. (2019) Cortex glia clear dead young neurons via Drpr/dCed-6/Shark and Crk/Mbc/dCed-12 signaling pathways in the developing Drosophila optic lobe. *Developmental biology*, 453(1), 68.

Davidson AJ, et al. (2019) Ena orchestrates remodelling within the actin cytoskeleton to drive robust Drosophila macrophage chemotaxis. *Journal of cell science*, 132(5).

Ghosh S, et al. (2015) Active hematopoietic hubs in Drosophila adults generate hemocytes and contribute to immune response. *Developmental cell*, 33(4), 478.

Sampson CJ, et al. (2013) Activation of Drosophila hemocyte motility by the ecdysone hormone. *Biology open*, 2(12), 1412.