

Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

[w\[*\]; PGRP-LC\[Delta5\]](#)

RRID:BDSC_36323

Type: Organism

Proper Citation

RRID:BDSC_36323

Organism Information

URL: <https://n2t.net/bdsc:36323>

Proper Citation: RRID:BDSC_36323

Description: Drosophila melanogaster with name w[*]; PGRP-LC[Delta5] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Christine Kocks, Massachusetts General Hospital

Affected Gene: PGRP-LC, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 36323

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_36323, BDSC:36323, BL36323

Organism Name: w[*]; PGRP-LC[Delta5]

Record Creation Time: 20240911T222612+0000

Record Last Update: 20260912T203659+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; PGRP-LC[Delta5].

No alerts have been found for w[*]; PGRP-LC[Delta5].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Wang S, et al. (2026) CREB suppresses PGRP-SC2 to drive age-related immune senescence and gut dysbiosis in Drosophila. *Cell death discovery*, 12(1).

Aida A, et al. (2023) Drosophila innate immunity suppresses the survival of xenografted mammalian tumor cells. *Scientific reports*, 13(1), 12334.

Aalto AL, et al. (2023) Stilbenoid compounds inhibit NF- κ B-mediated inflammatory responses in the Drosophila intestine. *Frontiers in immunology*, 14, 1253805.

Kietz C, et al. (2022) Drice restrains Diap2-mediated inflammatory signalling and intestinal inflammation. *Cell death and differentiation*, 29(1), 28.

Aalto A, et al. (2022) M1-linked ubiquitination facilitates NF- κ B activation and survival during sterile inflammation. *The FEBS journal*, 289(17), 5180.

Jugder BE, et al. (2021) Microbiota-derived acetate activates intestinal innate immunity via the Tip60 histone acetyltransferase complex. *Immunity*, 54(8), 1683.

Gilbert R, et al. (2020) Spaceflight and simulated microgravity conditions increase virulence of *Serratia marcescens* in the *Drosophila melanogaster* infection model. *NPJ microgravity*, 6, 4.

Byun PK, et al. (2019) The Taiman Transcriptional Coactivator Engages Toll Signals to Promote Apoptosis and Intertissue Invasion in Drosophila. *Current biology : CB*, 29(17), 2790.

Yang S, et al. (2019) Sugar Alcohols of Polyol Pathway Serve as Alarmins to Mediate Local-Systemic Innate Immune Communication in Drosophila. *Cell host & microbe*, 26(2), 240.

Kamareddine L, et al. (2018) The Drosophila Immune Deficiency Pathway Modulates Enteroendocrine Function and Host Metabolism. *Cell metabolism*, 28(3), 449.