

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

[y\[1\] w\[*\]; P{w\[+mC\]=UAS-PGRP-LC.x}1](#)

RRID:BDSC_30919

Type: Organism

Proper Citation

RRID:BDSC_30919

Organism Information

URL: <https://n2t.net/bdsc:30919>

Proper Citation: RRID:BDSC_30919

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UAS-PGRP-LC.x}1 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating FM7c. Donor: Edward Espinoza & Kathryn Anderson, Memorial Sloan-Kettering Cancer Center

Affected Gene: PGRP-LC, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 30919

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30919, BL30919

Organism Name: y[1] w[*]; P{w[+mC]=UAS-PGRP-LC.x}1

Record Creation Time: 20240911T222518+0000

Record Last Update: 20260826T175454+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UAS-PGRP-LC.x}1.

No alerts have been found for y[1] w[*]; P{w[+mC]=UAS-PGRP-LC.x}1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Alcaraz J, et al. (2026) Chronic intestinal immune activation reveals separable impacts of inflammation and barrier loss on hallmarks of ageing. PloS one, 21(2), e0342910.

Schlomann BH, et al. (2026) Spatial microenvironments tune immune response dynamics in the Drosophila larval fat body. PLoS genetics, 22(2), e1012029.

Oi A, et al. (2025) A nonsecretory antimicrobial peptide mediates inflammatory organ damage in Drosophila renal tubules. Cell reports, 44(1), 115082.

Schlomann BH, et al. (2025) Spatial microenvironments tune immune response dynamics in the Drosophila larval fat body. bioRxiv : the preprint server for biology.

Cong F, et al. (2025) Translocation of gut bacteria promotes tumor-associated mortality by inducing immune-activated renal damage. The EMBO journal, 44(13), 3586.

Zhang P, et al. (2024) Inhibition of S6K lowers age-related inflammation and increases lifespan through the endolysosomal system. Nature aging, 4(4), 491.

Tendulkar S, et al. (2022) Caspar, an adapter for VAPB and TER94, modulates the progression of ALS8 by regulating IMD/NF- κ B-mediated glial inflammation in a Drosophila model of human disease. Human molecular genetics, 31(17), 2857.

Wagner C, et al. (2021) Constitutive immune activity promotes JNK- and FoxO-dependent remodeling of Drosophila airways. Cell reports, 35(1), 108956.

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

Winkler B, et al. (2021) Brain inflammation triggers macrophage invasion across the blood-brain barrier in Drosophila during pupal stages. Science advances, 7(44), eabh0050.

Zhai Z, et al. (2018) Cell-Specific Imd-NF- κ B Responses Enable Simultaneous Antibacterial Immunity and Intestinal Epithelial Cell Shedding upon Bacterial Infection.

Immunity, 48(5), 897.