

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[P{ry\[+t7.2\]=Dipt2.2-lacZ}1, P{w\[+mC\]=Drs-GFP.JM804}1, y\[1\] w\[*\]](#)

RRID:BDSC_55707

Type: Organism

Proper Citation

RRID:BDSC_55707

Organism Information

URL: <https://n2t.net/bdsc:55707>

Proper Citation: RRID:BDSC_55707

Description: Drosophila melanogaster with name P{ry[+t7.2]=Dipt2.2-lacZ}1, P{w[+mC]=Drs-GFP.JM804}1, y[1] w[*] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Bruno Lemaître, Ecole Polytechnique Fédérale de Lausanne

Affected Gene: DptA, Eco\lacZ, Drs, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 55707

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55707, BL55707

Organism Name: P{ry[+t7.2]=Dipt2.2-lacZ}1, P{w[+mC]=Drs-GFP.JM804}1, y[1] w[*]

Record Creation Time: 20240911T222836+0000

Record Last Update: 20260725T195632+0000

Ratings and Alerts

No rating or validation information has been found for P{ry[+t7.2]=Dipt2.2-lacZ}1, P{w[+mC]=Drs-GFP.JM804}1, y[1] w[*].

No alerts have been found for P{ry[+t7.2]=Dipt2.2-lacZ}1, P{w[+mC]=Drs-GFP.JM804}1, y[1] w[*].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Ahern-Djamali S, et al. (2025) Innate immunity pathways activate cell proliferation after penetrating traumatic brain injury in adult Drosophila. *Fly*, 19(1), 2586357.

Hirata M, et al. (2025) Anti-Tumor Effects of Cecropin A and Drosocin Incorporated into Macrophage-like Cells Against Hematopoietic Tumors in Drosophila mxc Mutants. *Cells*, 14(6).

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.

Bossen J, et al. (2023) Adult and Larval Tracheal Systems Exhibit Different Molecular Architectures in Drosophila. *International journal of molecular sciences*, 24(6).

Vaibhvi V, et al. (2022) Hemocytes and fat body cells, the only professional immune cell types in Drosophila, show strikingly different responses to systemic infections. *Frontiers in immunology*, 13, 1040510.

Nagai H, et al. (2021) Homeostatic Regulation of ROS-Triggered Hippo-Yki Pathway via Autophagic Clearance of Ref(2)P/p62 in the Drosophila Intestine. *Developmental cell*, 56(1), 81.

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.

Parkhitko AA, et al. (2020) Downregulation of the tyrosine degradation pathway extends Drosophila lifespan. *eLife*, 9.

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.

Martínez BA, et al. (2020) Innate immune signaling in *Drosophila* shifts anabolic lipid metabolism from triglyceride storage to phospholipid synthesis to support immune function. *PLoS genetics*, 16(11), e1009192.

Yang L, et al. (2019) The Pupal Ectoparasitoid *Pachycrepoideus vindemmiae* Regulates Cellular and Humoral Immunity of Host *Drosophila melanogaster*. *Frontiers in physiology*, 10, 1282.

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.

Katsukawa M, et al. (2018) Serpin Facilitates Tumor-Suppressive Cell Competition by Blocking Toll-Mediated Yki Activation in *Drosophila*. *Current biology : CB*, 28(11), 1756.