

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

P{ry[+t7.2]=Dipt2.2-lacZ}1, P{w[+mC]=Drs-GFP.JM804}1, y[1] w[*]; Dif[1] cn[1] bw[1]

RRID:BDSC_36559

Type: Organism

Proper Citation

RRID:BDSC_36559

Organism Information

URL: <https://n2t.net/bdsc:36559>

Proper Citation: RRID:BDSC_36559

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

Species: Drosophila melanogaster

Notes: Donor: Pat Simpson, University of Cambridge

Affected Gene: bw, cn, Dif, DptA, EcoIIacZ, Drs, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 36559

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_36559, BDSC:36559, BL36559

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

Record Creation Time: 20240911T222614+0000

Record Last Update: 20260912T203701+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[*]; Dif[1] cn[1] bw[1].

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Li J, et al. (2026) Profiling the host defense responses against *Candida auris* in a reliable *Drosophila melanogaster* infection model. *mLife*, 5(1), 51.

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

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

Mannino MC, et al. (2023) The neurodevelopmental transcriptome of the *Drosophila melanogaster* microcephaly gene abnormal spindle reveals a role for temporal transcription factors and the immune system in regulating brain size. *bioRxiv* : the preprint server for biology.

Wijesekera TP, et al. (2022) A Non-Nuclear NF- κ B Modulates Alcohol Sensitivity But Not Immunity. *The Journal of neuroscience* : the official journal of the Society for Neuroscience, 42(16), 3329.

Yang S, et al. (2022) Infection and chronic disease activate a brain-muscle signaling axis that regulates muscle performance. *bioRxiv* : the preprint server for biology.

Li R, et al. (2020) *Drosophila* Myc restores immune homeostasis of Imd pathway via activating miR-277 to inhibit imd/Tab2. *PLoS genetics*, 16(8), e1008989.

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.

Wang L, et al. (2019) Intestinal NF- κ B and STAT signalling is important for uptake and clearance in a *Drosophila*-*Herpetomonas* interaction model. *PLoS genetics*, 15(3), e1007931.