

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

[y\[1\] w\[*\]; P{w\[+mC\]=Pdf-GAL4.P0.5}2;
P{w\[+mC\]=Pdf-GAL4.P0.5}3](#)

RRID:BDSC_80939

Type: Organism

Proper Citation

RRID:BDSC_80939

Organism Information

URL: <https://n2t.net/bdsc:80939>

Proper Citation: RRID:BDSC_80939

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=Pdf-GAL4.P0.5}2; P{w[+mC]=Pdf-GAL4.P0.5}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Xiangzhong Zheng & Amita Sehgal, University of Pennsylvania, Perelman School of Medicine; Donor's Source: Justin Blau, New York University

Affected Gene: GAL4, Pdf, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 80939

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80939, BL80939

Organism Name: y[1] w[*]; P{w[+mC]=Pdf-GAL4.P0.5}2; P{w[+mC]=Pdf-GAL4.P0.5}3

Record Creation Time: 20240911T223236+0000

Record Last Update: 20260801T200056+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=Pdf-GAL4.P0.5}2; P{w[+mC]=Pdf-GAL4.P0.5}3.

No alerts have been found for y[1] w[*]; P{w[+mC]=Pdf-GAL4.P0.5}2; P{w[+mC]=Pdf-GAL4.P0.5}3.

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 [RRID](#) .

Lee SH, et al. (2025) Drosophila Pyruvate Kinase Links Metabolic State with Circadian Output via TARANIS and PDF. bioRxiv : the preprint server for biology.

Inami S, et al. (2025) Increased neuronal activity restores circadian function in Drosophila models of C9orf72-ALS/FTD. bioRxiv : the preprint server for biology.

Lee SH, et al. (2025) Drosophila Pyruvate Kinase Links Metabolic State with Circadian Output via TARANIS and PDF. Research square.

Inami S, et al. (2024) Sleep induced by mechanosensory stimulation provides cognitive and health benefits in Drosophila. bioRxiv : the preprint server for biology.

Draper IR, et al. (2024) Drosophila noktochor regulates night sleep via a local mushroom body circuit. iScience, 27(3), 109106.

Catterson JH, et al. (2024) Drosophila appear resistant to trans-synaptic tau propagation. Brain communications, 6(4), fcae256.

Kobayashi R, et al. (2023) A phosphorylation-deficient mutant of Sik3, a homolog of Sleepy, alters circadian sleep regulation by PDF neurons in Drosophila. Frontiers in neuroscience, 17, 1181555.

Akpoghiran O, et al. (2023) TARANIS interacts with VRILLE and PDP1 to modulate the circadian transcriptional feedback mechanism in Drosophila. bioRxiv : the preprint server for biology.

Duhart JM, et al. (2020) Circadian Structural Plasticity Drives Remodeling of E Cell Output. Current biology : CB, 30(24), 5040.

Hsieh AL, et al. (2019) Misregulation of Drosophila Myc Disrupts Circadian Behavior and Metabolism. Cell reports, 29(7), 1778.