

Resource Summary Report

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

[y\[1\] w\[*\]; P{w\[+mC\]=GAL4-per.BS}3](#)

RRID:BDSC_7127

Type: Organism

Proper Citation

RRID:BDSC_7127

Organism Information

URL: <https://n2t.net/bdsc:7127>

Proper Citation: RRID:BDSC_7127

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

Species: Drosophila melanogaster

Notes: Donor: Rob Jackson, Tufts University School of Medicine; Donor's Source: Jeff Hall, Brandeis University

Affected Gene: GAL4, per, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 7127

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7127, BDSC:7127, BL7127

Organism Name: y[1] w[*]; P{w[+mC]=GAL4-per.BS}3

Record Creation Time: 20240911T222206+0000

Record Last Update: 20260912T203131+0000

Ratings and Alerts

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

No alerts have been found for y[1] w[*]; P{w[+mC]=GAL4-per.BS}3.

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 [NIF](#) .

Hsu CT, et al. (2025) Redox regulation of memory formation by Rrp1 in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 122(48), e2507018122.

Zhao Q, et al. (2024) A two-layer neural circuit controls fast forward locomotion in Drosophila. Current biology : CB, 34(15), 3439.

Lapraz F, et al. (2023) Asymmetric activity of NetrinB controls laterality of the Drosophila brain. Nature communications, 14(1), 1052.

Wang CM, et al. (2023) Forgotten memory storage and retrieval in Drosophila. Nature communications, 14(1), 7153.

Poe AR, et al. (2023) Developmental emergence of sleep rhythms enables long-term memory in Drosophila. Science advances, 9(36), eadh2301.

Cooney PC, et al. (2023) Neuromuscular basis of Drosophila larval rolling escape behavior. Proceedings of the National Academy of Sciences of the United States of America, 120(51), e2303641120.

Wilhelm N, et al. (2022) Dscam1 Has Diverse Neuron Type-Specific Functions in the Developing Drosophila CNS. eNeuro, 9(4).

Wang J, et al. (2022) DBT affects sleep in both circadian and non-circadian neurons. PLoS genetics, 18(2), e1010035.

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. Current biology : CB, 32(6), 1362.

Babski H, et al. (2019) A GABAergic Maf-expressing interneuron subset regulates the speed of locomotion in Drosophila. Nature communications, 10(1), 4796.

He L, et al. (2019) In vivo study of gene expression with an enhanced dual-color fluorescent transcriptional timer. *eLife*, 8.

Kohsaka H, et al. (2019) Regulation of forward and backward locomotion through intersegmental feedback circuits in *Drosophila* larvae. *Nature communications*, 10(1), 2654.

Lovick JK, et al. (2017) Development of the anterior visual input pathway to the *Drosophila* central complex. *The Journal of comparative neurology*, 525(16), 3458.