Resource Summary Report

Generated by dkNET on Sep 6, 2026

PBac{Disc\RFP[DsRed2.3xP3]=GH146-GAL4.B}10, y[1] w[*]

RRID:BDSC_91812
Type: Organism

Proper Citation

RRID:BDSC_91812

Organism Information

URL: https://n2t.net/bdsc:91812

Proper Citation: RRID:BDSC_91812

Description: Drosophila melanogaster with name PBac{Disc\RFP[DsRed2.3xP3]=GH146-GAL4.B}10, y[1] w[*] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Christopher Potter, Johns Hopkins University School of Medicine

Affected Gene: GAL4, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 91812

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_91812, BDSC:91812, BL91812

Organism Name: PBac{Disc\RFP[DsRed2.3xP3]=GH146-GAL4.B}10, y[1] w[*]

Record Creation Time: 20240911T223423+0000

Record Last Update: 20260905T141545+0000

Ratings and Alerts

No rating or validation information has been found for PBac{Disc\RFP[DsRed2.3xP3]=GH146-GAL4.B}10, y[1] w[*].

No alerts have been found for PBac{Disc\RFP[DsRed2.3xP3]=GH146-GAL4.B}10, y[1] w[*].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Wu H, et al. (2026) Profiling presynaptic scaffolds using split-GFP reconstitution reveals cell-type-specific spatial configurations in the fly brain. eLife, 14.

Muñoz-Carvajal F, et al. (2026) Age-dependent H3K9 trimethylation by dSetdb1 impairs mitochondrial UPR leading to degeneration of olfactory neurons and loss of olfactory function in Drosophila. eLife, 15.

Churgin MA, et al. (2025) A neural correlate of individual odor preference in Drosophila. eLife, 12.

Avishai G, et al. (2025) Differential dopaminergic modulation of the antennal lobe of Drosophila melanogaster. Communications biology, 8(1), 1555.

Fuenzalida-Uribe N, et al. (2025) The innexin 7 gap junction protein contributes to synchronized activity in the Drosophila antennal lobe and regulates olfactory function. Frontiers in neural circuits, 19, 1563401.

Duan Q, et al. (2025) Deciphering the combinatorial expression pattern and genetic regulatory mechanisms of Beats and Sides in the olfactory circuits of Drosophila. bioRxiv : the preprint server for biology.

Zak H, et al. (2024) A highly conserved A-to-I RNA editing event within the glutamate-gated chloride channel GluCl? is necessary for olfactory-based behaviors in Drosophila. Science advances, 10(36), eadi9101.

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

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

Das Chakraborty S, et al. (2022) Higher-order olfactory neurons in the lateral horn support odor valence and odor identity coding in Drosophila. eLife, 11.

Adel M, et al. (2022) Pairing-Dependent Plasticity in a Dissected Fly Brain Is Input-Specific and Requires Synaptic CaMKII Enrichment and Nighttime Sleep. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(21), 4297.

Borrero-Echeverry F, et al. (2022) The female sex pheromone (Z)-4-undecenal mediates flight attraction and courtship in Drosophila melanogaster. Journal of insect physiology, 137, 104355.

Naganos S, et al. (2022) Dopamine activity in projection neurons regulates short-lasting olfactory approach memory in Drosophila. The European journal of neuroscience, 56(5), 4558.

Kamemura K, et al. (2022) Endoplasmic reticulum proteins Meigo and Gp93 govern dendrite targeting by regulating Toll-6 localization. Developmental biology, 484, 30.

Sabandal PR, et al. (2022) Acetylcholine deficit causes dysfunctional inhibitory control in an aging-dependent manner. Scientific reports, 12(1), 20903.

Israel S, et al. (2022) Olfactory stimuli and moonwalker SEZ neurons can drive backward locomotion in Drosophila. Current biology : CB, 32(5), 1131.

Arguello JR, et al. (2021) Targeted molecular profiling of rare olfactory sensory neurons identifies fate, wiring, and functional determinants. eLife, 10.

Douthit J, et al. (2021) R7 photoreceptor axon targeting depends on the relative levels of lost and found expression in R7 and its synaptic partners. eLife, 10.

Prisco L, et al. (2021) The anterior paired lateral neuron normalizes odour-evoked activity in the Drosophila mushroom body calyx. eLife, 10.

Rybak J, et al. (2016) Synaptic circuitry of identified neurons in the antennal lobe of Drosophila melanogaster. The Journal of comparative neurology, 524(9), 1920.