Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 21, 2025

w[1118] P{y[+t7.7] w[+mC]=hs-FLPG5.PEST}attP3; PBac{y[+mDint2] w[+mC]=10xUAS(FRT.stop)myr::smGdP-HA}VK00005 P{y[+t7.7] w[+mC]=10xUAS(FRT.stop)myr::smGdP-V5-THS-10xUAS(FRT.stop)myr::smGdP-FLAG}su(Hw)attP1

RRID:BDSC_64085
Type: Organism

Proper Citation

RRID:BDSC_64085

Organism Information

URL: https://n2t.net/bdsc:64085

Proper Citation: RRID:BDSC_64085

Description: Drosophila melanogaster with name w[1118] P{y[+t7.7] w[+mC]=hs-FLPG5.PEST}attP3; PBac{y[+mDint2] w[+mC]=10xUAS(FRT.stop)myr::smGdP-HA}VK00005 P{y[+t7.7] w[+mC]=10xUAS(FRT.stop)myr::smGdP-V5-THS-10xUAS(FRT.stop)myr::smGdP-FLAG}su(Hw)attP1 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. Donor: Barret Pfeiffer, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: FRT, Tag:HA, UAS, Tag:FLAG, Tag:V5, FLPG5, Hsp70Bb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 64085

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:64085, BL64085

Organism Name: w[1118] P{y[+t7.7] w[+mC]=hs-FLPG5.PEST}attP3; PBac{y[+mDint2] w[+mC]=10xUAS(FRT.stop)myr::smGdP-HA}VK00005 P{y[+t7.7] w[+mC]=10xUAS(FRT.stop)myr::smGdP-V5-THS-10xUAS(FRT.stop)myr::smGdP-FLAG}su(Hw)attP1

Record Creation Time: 20240911T222957+0000

Record Last Update: 20250420T060204+0000

Ratings and Alerts

No rating or validation information has been found for w[1118] P{y[+t7.7] w[+mC]=hs-FLPG5.PEST}attP3; PBac{y[+mDint2] w[+mC]=10xUAS(FRT.stop)myr::smGdP-HA}VK00005 P{y[+t7.7] w[+mC]=10xUAS(FRT.stop)myr::smGdP-V5-THS-10xUAS(FRT.stop)myr::smGdP-FLAG}su(Hw)attP1.

No alerts have been found for w[1118] P{y[+t7.7] w[+mC]=hs-FLPG5.PEST}attP3; PBac{y[+mDint2] w[+mC]=10xUAS(FRT.stop)myr::smGdP-HA}VK00005 P{y[+t7.7] w[+mC]=10xUAS(FRT.stop)myr::smGdP-V5-THS-10xUAS(FRT.stop)myr::smGdP-FLAG}su(Hw)attP1.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 44 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Abubaker MB, et al. (2024) Asymmetric neurons are necessary for olfactory learning in the Drosophila brain. Current biology : CB, 34(5), 946.

Cheong HSJ, et al. (2024) Organization of an ascending circuit that conveys flight motor state in Drosophila. Current biology : CB, 34(5), 1059.

Donovan EJ, et al. (2024) Dendrite architecture determines mitochondrial distribution patterns in vivo. Cell reports, 43(5), 114190.

Shiozaki HM, et al. (2024) Activity of nested neural circuits drives different courtship songs in Drosophila. Nature neuroscience, 27(10), 1954.

Zhu Y, et al. (2024) Dihydroceramide desaturase governs endoplasmic reticulum and lipid droplet homeostasis to promote glial function in the nervous system. bioRxiv : the preprint server for biology.

Mussells Pires P, et al. (2024) Converting an allocentric goal into an egocentric steering signal. Nature, 626(8000), 808.

Tao L, et al. (2024) Neurons Underlying Aggression-Like Actions That Are Shared by Both Males and Females in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(44).

Carrier Y, et al. (2024) Biased cell adhesion organizes the Drosophila visual motion integration circuit. Developmental cell.

Zhang Y, et al. (2023) Notch-dependent binary fate choice regulates the Netrin pathway to control axon guidance of Drosophila visual projection neurons. Cell reports, 42(3), 112143.

Meissner GW, et al. (2023) A searchable image resource of Drosophila GAL4 driver expression patterns with single neuron resolution. eLife, 12.

Zhang Y, et al. (2023) Axon targeting of Drosophila medulla projection neurons requires diffusible Netrin and is coordinated with neuroblast temporal patterning. Cell reports, 42(3), 112144.

Lago-Baldaia I, et al. (2023) A Drosophila glial cell atlas reveals a mismatch between transcriptional and morphological diversity. PLoS biology, 21(10), e3002328.

Sizemore TR, et al. (2023) Heterogeneous receptor expression underlies non-uniform peptidergic modulation of olfaction in Drosophila. Nature communications, 14(1), 5280.

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

Xiao N, et al. (2023) A single photoreceptor splits perception and entrainment by cotransmission. Nature, 623(7987), 562.

Fujiwara T, et al. (2022) Walking strides direct rapid and flexible recruitment of visual circuits for course control in Drosophila. Neuron, 110(13), 2124.

Lacoste J, et al. (2022) A neural progenitor mitotic wave is required for asynchronous axon outgrowth and morphology. eLife, 11.

Lin CH, et al. (2022) Semaphorin 1a-mediated dendritic wiring of the Drosophila mushroom body extrinsic neurons. Proceedings of the National Academy of Sciences of the United States of America, 119(12), e2111283119.

Shinomiya K, et al. (2022) Neuronal circuits integrating visual motion information in Drosophila melanogaster. Current biology : CB, 32(16), 3529.

Sun L, et al. (2022) Recurrent circadian circuitry regulates central brain activity to maintain sleep. Neuron, 110(13), 2139.