Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 9, 2025

w[1118] P{y[+t7.7] w[+mC]=R57C10-FLPG5}su(Hw)attP8; 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_64088
Type: Organism

Proper Citation

RRID:BDSC_64088

Organism Information

URL: https://n2t.net/bdsc:64088

Proper Citation: RRID:BDSC_64088

Description: Drosophila melanogaster with name w[1118] P{y[+t7.7] w[+mC]=R57C10-FLPG5}su(Hw)attP8; 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 TM2. Donor: Barret Pfeiffer, Howard Hughes Medical Institute, Janelia Research Campus

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

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 64088

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:64088, BL64088

Organism Name: w[1118] P{y[+t7.7] w[+mC]=R57C10-FLPG5}su(Hw)attP8; 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: 20250331T213338+0000

Ratings and Alerts

No rating or validation information has been found for w[1118] P{y[+t7.7] w[+mC]=R57C10-FLPG5}su(Hw)attP8; 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]=R57C10-FLPG5}su(Hw)attP8; 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 12 mentions in open access literature.

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

Westeinde EA, et al. (2024) Transforming a head direction signal into a goal-oriented steering command. Nature, 626(8000), 819.

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

Laturney M, et al. (2023) Mating activates neuroendocrine pathways signaling hunger in Drosophila females. eLife, 12.

Liu Y, et al. (2023) Synchronous multi-segmental activity between metachronal waves controls locomotion speed in Drosophila larvae. eLife, 12.

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

Barth-Maron A, et al. (2023) Interactions between specialized gain control mechanisms in olfactory processing. Current biology : CB, 33(23), 5109.

Lu J, et al. (2022) Transforming representations of movement from body- to world-centric space. Nature, 601(7891), 98.

Hardcastle BJ, et al. (2021) A visual pathway for skylight polarization processing in Drosophila. eLife, 10.

Okubo TS, et al. (2020) A Neural Network for Wind-Guided Compass Navigation. Neuron, 107(5), 924.

Shiozaki HM, et al. (2020) A Multi-regional Network Encoding Heading and Steering Maneuvers in Drosophila. Neuron, 106(1), 126.

Green J, et al. (2019) A neural heading estimate is compared with an internal goal to guide oriented navigation. Nature neuroscience, 22(9), 1460.

Deutsch D, et al. (2019) Shared Song Detector Neurons in Drosophila Male and Female Brains Drive Sex-Specific Behaviors. Current biology : CB, 29(19), 3200.