Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 22, 2025

w[*]; TI{w[+mW.hs]=TI}Orco[1]

RRID:BDSC_23129
Type: Organism

Proper Citation

RRID:BDSC_23129

Organism Information

URL: https://n2t.net/bdsc:23129

Proper Citation: RRID:BDSC_23129

Description: Drosophila melanogaster with name w[*]; TI{w[+mW.hs]=TI}Orco[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Leslie Vosshall, Rockefeller University

Affected Gene: Orco, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 23129

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:23129, BL23129

Organism Name: w[*]; TI{w[+mW.hs]=TI}Orco[1]

Record Creation Time: 20240911T222405+0000

Record Last Update: 20250420T054602+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; TI{w[+mW.hs]=TI}Orco[1].

No alerts have been found for w[*]; TI{w[+mW.hs]=TI}Orco[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Yun M, et al. (2024) Male cuticular pheromones stimulate removal of the mating plug and promote re-mating through pC1 neurons in Drosophila females. eLife, 13.

Sadanandappa MK, et al. (2024) Parasitoid cues modulate Drosophila germline development and stem cell proliferation. Cell reports, 43(1), 113657.

Umezaki Y, et al. (2024) Taste triggers a homeostatic temperature control in hungry flies. eLife, 13.

Bailly TPM, et al. (2023) Social modulation of oogenesis and egg laying in Drosophila melanogaster. Current biology : CB, 33(14), 2865.

Ali MZ, et al. (2023) Phenylacetaldehyde induced olfactory conditioning in Drosophila melanogaster (Diptera: Drosophilidae) larvae. Journal of insect science (Online), 23(6).

Suyama R, et al. (2023) Microbes control Drosophila germline stem cell increase and egg maturation through hormonal pathways. Communications biology, 6(1), 1287.

Dey M, et al. (2023) Evolution of fatty acid taste in drosophilids. Cell reports, 42(10), 113297.

Pang L, et al. (2022) Search performance and octopamine neuronal signaling mediate parasitoid induced changes in Drosophila oviposition behavior. Nature communications, 13(1), 4476.

He J, et al. (2022) Olfactory Senses Modulate Food Consumption and Physiology in Drosophila melanogaster. Frontiers in behavioral neuroscience, 16, 788633.

Fowler EK, et al. (2022) Memory of social experience affects female fecundity via perception of fly deposits. BMC biology, 20(1), 244.

He J, et al. (2021) Cannabinoids modulate food preference and consumption in Drosophila melanogaster. Scientific reports, 11(1), 4709.

Wang Q, et al. (2021) Identification of multiple odorant receptors essential for pyrethrum repellency in Drosophila melanogaster. PLoS genetics, 17(7), e1009677.

Sadanandappa MK, et al. (2021) Neuropeptide F signaling regulates parasitoid-specific germline development and egg-laying in Drosophila. PLoS genetics, 17(3), e1009456.

Wang Q, et al. (2021) Behavioral and physiological responses of Drosophila melanogaster and D. suzukii to volatiles from plant essential oils. Pest management science, 77(8), 3698.

Golovin RM, et al. (2021) Neuron-Specific FMRP Roles in Experience-Dependent Remodeling of Olfactory Brain Innervation during an Early-Life Critical Period. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(6), 1218.

Madhwal S, et al. (2020) Metabolic control of cellular immune-competency by odors in Drosophila. eLife, 9.

Zhang N, et al. (2020) Spatial Comparisons of Mechanosensory Information Govern the Grooming Sequence in Drosophila. Current biology : CB, 30(6), 988.

Singh P, et al. (2020) Bidirectional Regulation of Sleep and Synapse Pruning after Neural Injury. Current biology : CB, 30(6), 1063.

Cao LH, et al. (2017) Odor-evoked inhibition of olfactory sensory neurons drives olfactory perception in Drosophila. Nature communications, 8(1), 1357.