Resource Summary Report

Generated by dkNET on Sep 7, 2026

w[*]; P{w[+mC]=Or42a-GAL4.F}48.1

RRID:BDSC_9969
Type: Organism

Proper Citation

RRID:BDSC_9969

Organism Information

URL: https://n2t.net/bdsc:9969

Proper Citation: RRID:BDSC_9969

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Or42a-GAL4.F}48.1 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Leslie Vosshall, Rockefeller University

Affected Gene: GAL4, Or42a, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 9969

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9969, BDSC:9969, BL9969

Organism Name: w[*]; P{w[+mC]=Or42a-GAL4.F}48.1

Record Creation Time: 20240911T222229+0000

Record Last Update: 20260905T135908+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Or42a-GAL4.F}48.1.

No alerts have been found for w[*]; P{w[+mC]=Or42a-GAL4.F}48.1.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Fisher JD, et al. (2024) Convergent olfactory circuits for courtship in Drosophila revealed by ds-Tango. bioRxiv : the preprint server for biology.

Miller VK, et al. (2024) Experience-dependent serotonergic signaling in glia regulates targeted synapse elimination. PLoS biology, 22(10), e3002822.

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.

Chodankar A, et al. (2020) Glomerulus-Selective Regulation of a Critical Period for Interneuron Plasticity in the Drosophila Antennal Lobe. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(29), 5549.

Golovin RM, et al. (2019) Activity-Dependent Remodeling of Drosophila Olfactory Sensory Neuron Brain Innervation during an Early-Life Critical Period. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(16), 2995.

Gepner R, et al. (2018) Variance adaptation in navigational decision making. eLife, 7.

Talay M, et al. (2017) Transsynaptic Mapping of Second-Order Taste Neurons in Flies by trans-Tango. Neuron, 96(4), 783.

Grabe V, et al. (2015) Digital in vivo 3D atlas of the antennal lobe of Drosophila melanogaster. The Journal of comparative neurology, 523(3), 530.