

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 30, 2025

[w\[*\]; wg\[Sp-1\]/CyO; P{w\[+mC\]=UAS-Or47b.MYC}2](#)

RRID:BDSC_76045

Type: Organism

Proper Citation

RRID:BDSC_76045

Organism Information

URL: <https://n2t.net/bdsc:76045>

Proper Citation: RRID:BDSC_76045

Description: Drosophila melanogaster with name w[*]; wg[Sp-1]/CyO; P{w[+mC]=UAS-Or47b.MYC}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: John Carlson, Yale University

Affected Gene: Or47b, UAS, wg, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 76045

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:76045, BL76045

Organism Name: w[*]; wg[Sp-1]/CyO; P{w[+mC]=UAS-Or47b.MYC}2

Record Creation Time: 20240911T223149+0000

Record Last Update: 20250420T060705+0000

Ratings and Alerts

No rating or validation information has been found for $w[*]; wg[Sp-1]/CyO; P\{w[+mC]=UAS-Or47b.MYC\}2$.

No alerts have been found for $w[*]; wg[Sp-1]/CyO; P\{w[+mC]=UAS-Or47b.MYC\}2$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 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.

Ng R, et al. (2019) Amplification of Drosophila Olfactory Responses by a DEG/ENaC Channel. Neuron, 104(5), 947.

Nagel KI, et al. (2011) Biophysical mechanisms underlying olfactory receptor neuron dynamics. Nature neuroscience, 14(2), 208.