Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

w[*]; P{w[+mC]=UAS-mCD8::GFP.L}LL5/CyO; P{w[+mW.hs]=Orco-RFP.K}10D

RRID:BDSC_63045
Type: Organism

Proper Citation

RRID:BDSC_63045

Organism Information

URL: https://n2t.net/bdsc:63045

Proper Citation: RRID:BDSC_63045

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-mCD8::GFP.L}LL5/CyO; P{w[+mW.hs]=Orco-RFP.K}10D from BDSC.

Species: Drosophila melanogaster

Notes: J.-M. Dura reported that an unmapped, second P{UAS-mCD8::GFP.L} insertion, P{UAS-mCD8::GFP.L}2, is present in the likely progenitor to this stock (stk#5137). Homozygotes present. Donor: John Carlson, Yale University

Affected Gene: Disc\RFP, Orco, Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 63045

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_63045, BL63045

Organism Name: w[*]; P{w[+mC]=UAS-mCD8::GFP.L}LL5/CyO; P{w[+mW.hs]=Orco-RFP.K}10D

Record Creation Time: 20240911T222947+0000

Record Last Update: 20260725T195758+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-mCD8::GFP.L}LL5/CyO; P{w[+mW.hs]=Orco-RFP.K}10D.

No alerts have been found for w[*]; P{w[+mC]=UAS-mCD8::GFP.L}LL5/CyO; P{w[+mW.hs]=Orco-RFP.K}10D.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Thakur D, et al. (2025) Control of odor sensation by light and cryptochrome in the Drosophila antenna. iScience, 28(5), 112443.

Avishai G, et al. (2025) Differential dopaminergic modulation of the antennal lobe of Drosophila melanogaster. Communications biology, 8(1), 1555.

Lee JY, et al. (2024) Murine glial protrusion transcripts predict localized Drosophila glial mRNAs involved in plasticity. The Journal of cell biology, 223(10).

Calvin-Cejudo L, et al. (2023) Neuron-glia interaction at the receptor level affects olfactory perception in adult Drosophila. iScience, 26(1), 105837.

Si G, et al. (2019) Structured Odorant Response Patterns across a Complete Olfactory Receptor Neuron Population. Neuron, 101(5), 950.