

# Resource Summary Report

Generated by RRID on Aug 3, 2026

## w[1118]; P{w[+mC]=Orco-GAL4.K}97.1

RRID:BDSC\_23292

Type: Organism

### Proper Citation

RRID:BDSC\_23292

### Organism Information

**URL:** <https://n2t.net/bdsc:23292>

**Proper Citation:** RRID:BDSC\_23292

**Description:** Drosophila melanogaster with name w[1118]; P{w[+mC]=Orco-GAL4.K}97.1 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** May be segregating TM3, Sb[1]. Donor: John Carlson, Yale University

**Affected Gene:** GAL4, w

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 23292

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_23292, BL23292

**Organism Name:** w[1118]; P{w[+mC]=Orco-GAL4.K}97.1

**Record Creation Time:** 20240911T222407+0000

**Record Last Update:** 20260801T194916+0000

### Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=Orco-GAL4.K}97.1.

No alerts have been found for w[1118]; P{w[+mC]=Orco-GAL4.K}97.1.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 24 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

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

Marini-Davis A, et al. (2025) Juvenile hormone regulates the maturation of sexually dimorphic naive ethanol olfactory preference in Drosophila melanogaster. Royal Society open science, 12(8), 242217.

Easwaran S, et al. (2025) A genome-wide association study implicates the olfactory system in Drosophila melanogaster diapause-associated lifespan extension and fecundity. eLife, 13.

Tumkaya T, et al. (2025) Entirely synthetic memory inception via dual optogenetic activation of sensory and dopaminergic neurons. iScience, 28(10), 113540.

Davis GH, et al. (2024) Impairment of the glial phagolysosomal system drives prion-like propagation in a Drosophila model of Huntington's disease. bioRxiv : the preprint server for biology.

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

Davis GH, et al. (2024) Impairment of the Glial Phagolysosomal System Drives Prion-Like Propagation in a Drosophila Model of Huntington's Disease. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(20).

Verschut TA, et al. (2023) Aggregation pheromones have a non-linear effect on oviposition behavior in Drosophila melanogaster. Nature communications, 14(1), 1544.

Clark JT, et al. (2023) Chemosensory detection of aversive concentrations of ammonia and basic volatile amines in insects. iScience, 26(1), 105777.

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

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.

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

Grabe V, et al. (2020) Odor-Induced Multi-Level Inhibitory Maps in *Drosophila*. *eNeuro*, 7(1).

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

Fraichard S, et al. (2020) Modulation of Sex Pheromone Discrimination by A UDP-Glycosyltransferase in *Drosophila melanogaster*. *Genes*, 11(3).

Mor??n-Oset J, et al. (2019) Glycine-alanine dipeptide repeats spread rapidly in a repeat length- and age-dependent manner in the fly brain. *Acta neuropathologica communications*, 7(1), 209.

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

Corfas RA, et al. (2019) Diverse Food-Sensing Neurons Trigger Idiothetic Local Search in *Drosophila*. *Current biology : CB*, 29(10), 1660.

Eliason J, et al. (2018) A GAL80 Collection To Inhibit GAL4 Transgenes in *Drosophila* Olfactory Sensory Neurons. *G3 (Bethesda, Md.)*, 8(11), 3661.

Lee SS, et al. (2017) Hormonal Signaling Cascade during an Early-Adult Critical Period Required for Courtship Memory Retention in *Drosophila*. *Current biology : CB*, 27(18), 2798.