

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

[w\[*\]; P{w\[+mC\]=Or59b-GAL4.C}114t2.2](#)

RRID:BDSC_23897

Type: Organism

Proper Citation

RRID:BDSC_23897

Organism Information

URL: <https://n2t.net/bdsc:23897>

Proper Citation: RRID:BDSC_23897

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Or59b-GAL4.C}114t2.2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Barry Dickson, Research Institute of Molecular Pathology

Affected Gene: GAL4, Or59b, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 23897

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_23897, BDSC:23897, BL23897

Organism Name: w[*]; P{w[+mC]=Or59b-GAL4.C}114t2.2

Record Creation Time: 20240911T222412+0000

Record Last Update: 20260919T202751+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Or59b-GAL4.C}114t2.2.

No alerts have been found for w[*]; P{w[+mC]=Or59b-GAL4.C}114t2.2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Xiao ??? Y, et al. (2026) Intrinsic Diversity in Odor-Evoked Calcium Rises across Drosophila Olfactory Neurons. The Journal of neuroscience : the official journal of the Society for Neuroscience, 46(18).

Xiao Y, et al. (2025) Simultaneous recording of spikes and calcium signals in odor-evoked responses of Drosophila antennal neurons. Journal of neurogenetics, 39(4), 105.

Xiao Y, et al. (2025) Simultaneous recording of spikes and calcium signals in odor-evoked responses of Drosophila antennal neurons. bioRxiv : the preprint server for biology.

Task D, et al. (2022) Chemoreceptor co-expression in Drosophila melanogaster olfactory neurons. eLife, 11.

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.

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.