

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

[w\[*\]; P{w\[+mC\]=Or56a-GAL4.C}113t53.2](#)

RRID:BDSC_23896

Type: Organism

Proper Citation

RRID:BDSC_23896

Organism Information

URL: <https://n2t.net/bdsc:23896>

Proper Citation: RRID:BDSC_23896

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Or56a-GAL4.C}113t53.2 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: GAL4, Or56a, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 23896

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_23896, BDSC:23896, BL23896

Organism Name: w[*]; P{w[+mC]=Or56a-GAL4.C}113t53.2

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]=Or56a-GAL4.C}113t53.2.

No alerts have been found for w[*]; P{w[+mC]=Or56a-GAL4.C}113t53.2.

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 [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).

Yao Z, et al. (2025) Gal4 drivers of the geosmin receptor Or56a exhibit ectopic expression in the labral sense organ of Drosophila. Scientific reports, 15(1), 31651.

Acharya N, et al. (2025) Type-specific molecular signaling architectures and synaptic plasticity of Drosophila olfactory sensory neurons. Frontiers in cellular neuroscience, 19, 1579821.

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

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.