

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

[w\[*\] Tl{w\[+m*\]=GAL4}Or7a\[KI-GAL4\]](#)

RRID:BDSC_91810

Type: Organism

Proper Citation

RRID:BDSC_91810

Organism Information

URL: <https://n2t.net/bdsc:91810>

Proper Citation: RRID:BDSC_91810

Description: Drosophila melanogaster with name w[*] Tl{w[+m*]=GAL4}Or7a[KI-GAL4] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Christopher Potter, Johns Hopkins University School of Medicine

Affected Gene: GAL4, Or7a, w

Genomic Alteration: Chromosome 1

Catalog Number: 91810

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_91810, BL91810

Organism Name: w[*] Tl{w[+m*]=GAL4}Or7a[KI-GAL4]

Record Creation Time: 20240911T223423+0000

Record Last Update: 20260829T191213+0000

Ratings and Alerts

No rating or validation information has been found for $w[*] \text{ TI}\{w[+m*]=\text{GAL4}\}\text{Or7a}[\text{KI-GAL4}]$.

No alerts have been found for $w[*] \text{ TI}\{w[+m*]=\text{GAL4}\}\text{Or7a}[\text{KI-GAL4}]$.

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).

Choy J, et al. (2025) Population-level morphological analysis of paired CO₂- and odor-sensing olfactory neurons in D. melanogaster via volume electron microscopy. eLife, 14.

Choy J, et al. (2025) Population-level morphological analysis of paired CO₂ - and odor-sensing olfactory neurons in D. melanogaster via volume electron microscopy. bioRxiv : the preprint server for biology.

Zhang R, et al. (2024) Targeted deletion of olfactory receptors in D. melanogaster via CRISPR/Cas9-mediated LexA knock-in. Journal of neurogenetics, 38(3), 122.

Zocchi D, et al. (2022) Parallel encoding of CO₂ in attractive and aversive glomeruli by selective lateral signaling between olfactory afferents. Current biology : CB, 32(19), 4225.