

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

[w\[*\]; P{w\[+mC\]=Ir84a-GAL4.1964}286.8; TM2/TM6B, Tb\[1\]](#)

RRID:BDSC_41734

Type: Organism

Proper Citation

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Organism Information

URL: <https://n2t.net/bdsc:41734>

Proper Citation: RRID:BDSC_41734

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Ir84a-GAL4.1964}286.8; TM2/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Richard Benton, University of Lausanne

Affected Gene: GAL4, Ir84a, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 41734

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41734, BL41734

Organism Name: w[*]; P{w[+mC]=Ir84a-GAL4.1964}286.8; TM2/TM6B, Tb[1]

Record Creation Time: 20240911T222657+0000

Record Last Update: 20260815T191854+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Ir84a-GAL4.1964}286.8; TM2/TM6B, Tb[1].

No alerts have been found for w[*]; P{w[+mC]=Ir84a-GAL4.1964}286.8; TM2/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

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).

Gao C, et al. (2025) Social experience shapes fighting strategies in Drosophila. eLife, 13.

Vien KM, et al. (2024) Atypical cadherin, Fat2, regulates axon terminal organization in the developing Drosophila olfactory receptor neurons. iScience, 27(7), 110340.

Israel S, et al. (2022) Olfactory stimuli and moonwalker SEZ neurons can drive backward locomotion in Drosophila. Current biology : CB, 32(5), 1131.

Gaspar M, et al. (2022) Mating pair drives aggressive behavior in female Drosophila. Current biology : CB, 32(21), 4734.

Arguello JR, et al. (2021) Targeted molecular profiling of rare olfactory sensory neurons identifies fate, wiring, and functional determinants. eLife, 10.

Zhang Y, et al. (2020) Distinct Roles and Synergistic Function of FruM Isoforms in Drosophila Olfactory Receptor Neurons. Cell reports, 33(11), 108516.

Ng R, et al. (2019) Amplification of Drosophila Olfactory Responses by a DEG/ENaC Channel. Neuron, 104(5), 947.