

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[w\[*\]; P{w\[+mC\]=Ir76b-GAL4.1.5}2](#)

RRID:BDSC_51311

Type: Organism

Proper Citation

RRID:BDSC_51311

Organism Information

URL: <https://n2t.net/bdsc:51311>

Proper Citation: RRID:BDSC_51311

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Ir76b-GAL4.1.5}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Craig Montell, University of California, Santa Barbara

Affected Gene: GAL4, Ir76b, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 51311

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51311, BL51311

Organism Name: w[*]; P{w[+mC]=Ir76b-GAL4.1.5}2

Record Creation Time: 20240911T222754+0000

Record Last Update: 20260801T195427+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=lr76b-GAL4.1.5}2.

No alerts have been found for w[*]; P{w[+mC]=lr76b-GAL4.1.5}2.

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 [RRID](#) .

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.

Asefa WR, et al. (2024) Molecular and cellular basis of sodium sensing in *Drosophila* labellum. *iScience*, 27(7), 110248.

Li X, et al. (2023) Taste coding of heavy metal ion-induced avoidance in *Drosophila*. *iScience*, 26(5), 106607.

Rass M, et al. (2019) The *Drosophila* fussel gene is required for bitter gustatory neuron differentiation acting within an Rpd3 dependent chromatin modifying complex. *PLoS genetics*, 15(2), e1007940.

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

Chen HL, et al. (2019) Molecular control limiting sensitivity of sweet taste neurons in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 116(40), 20158.

Ahn JE, et al. (2017) Molecular basis of fatty acid taste in *Drosophila*. *eLife*, 6.

Chen Y, et al. (2017) Ionotropic Receptors Mediate *Drosophila* Oviposition Preference through Sour Gustatory Receptor Neurons. *Current biology : CB*, 27(18), 2741.