Resource Summary Report

Generated by RRID on Aug 4, 2026

w[*]; P{w[+mC]=Ir8a-GAL4.A}204.8; TM2/TM6B, Tb[1]

RRID:BDSC_41731
Type: Organism

Proper Citation

RRID:BDSC_41731

Organism Information

URL: https://n2t.net/bdsc:41731

Proper Citation: RRID:BDSC_41731

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Ir8a-GAL4.A}204.8; TM2/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Richard Benton, University of Lausanne

Affected Gene: GAL4, Ir8a, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 41731

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41731, BL41731

Organism Name: w[*]; P{w[+mC]=Ir8a-GAL4.A}204.8; TM2/TM6B, Tb[1]

Record Creation Time: 20240911T222657+0000

Record Last Update: 20260801T195307+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Ir8a-GAL4.A}204.8; TM2/TM6B, Tb[1].

No alerts have been found for w[*]; P{w[+mC]=Ir8a-GAL4.A}204.8; TM2/TM6B, Tb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 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.

Tao L, et al. (2023) Sensorimotor transformation underlying odor-modulated locomotion in walking Drosophila. Nature communications, 14(1), 6818.

Li S, et al. (2022) Humidity response in Drosophila olfactory sensory neurons requires the mechanosensitive channel TMEM63. Nature communications, 13(1), 3814.

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

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

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

Abuin L, et al. (2019) In vivo assembly and trafficking of olfactory Ionotropic Receptors. BMC biology, 17(1), 34.

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.

Sun JS, et al. (2018) Humidity response depends on the small soluble protein Obp59a in Drosophila. eLife, 7.

Kacsoh BZ, et al. (2018) Drosophila species learn dialects through communal living. PLoS genetics, 14(7), e1007430.

Ai M, et al. (2015) Green-to-Red Photoconversion of GCaMP. PloS one, 10(9), e0138127.