Resource Summary Report

Generated by NIF on Aug 20, 2026

w[*]; P{w[+mC]=Ir40a-GAL4.3011}214.1; TM2/TM6B, Tb[1]

RRID:BDSC_41727
Type: Organism

Proper Citation

RRID:BDSC_41727

Organism Information

URL: https://n2t.net/bdsc:41727

Proper Citation: RRID:BDSC_41727

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Ir40a-GAL4.3011}214.1; TM2/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: GAL4, Ir40a, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 41727

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41727, BL41727

Organism Name: w[*]; P{w[+mC]=Ir40a-GAL4.3011}214.1; TM2/TM6B, Tb[1]

Record Creation Time: 20240911T222657+0000

Record Last Update: 20260815T191853+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Ir40a-GAL4.3011}214.1; TM2/TM6B, Tb[1].

No alerts have been found for w[*]; P{w[+mC]=Ir40a-GAL4.3011}214.1; TM2/TM6B, Tb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Chu LA, et al. (2024) Thirst-driven hygrosensory suppression promotes water seeking in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 121(34), e2404454121.

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

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.

Budelli G, et al. (2019) Ionotropic Receptors Specify the Morphogenesis of Phasic Sensors Controlling Rapid Thermal Preference in Drosophila. Neuron, 101(4), 738.

Frank DD, et al. (2017) Early Integration of Temperature and Humidity Stimuli in the Drosophila Brain. Current biology : CB, 27(15), 2381.

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.