

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[w\[*\]; P{w\[+mC\]=Ir75a-GAL4.S}BT12.1/TM6B, Tb\[1\]](#)

RRID:BDSC_41748

Type: Organism

Proper Citation

RRID:BDSC_41748

Organism Information

URL: <https://n2t.net/bdsc:41748>

Proper Citation: RRID:BDSC_41748

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Ir75a-GAL4.S}BT12.1/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Richard Benton, University of Lausanne

Affected Gene: GAL4, Ir75a, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 41748

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41748, BL41748

Organism Name: w[*]; P{w[+mC]=Ir75a-GAL4.S}BT12.1/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]=Ir75a-GAL4.S}BT12.1/TM6B, Tb[1].

No alerts have been found for w[*]; P{w[+mC]=Ir75a-GAL4.S}BT12.1/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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.

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

Prieto-Godino LL, et al. (2017) Evolution of Acid-Sensing Olfactory Circuits in Drosophilids. Neuron, 93(3), 661.

Gorter JA, et al. (2016) The nutritional and hedonic value of food modulate sexual receptivity in Drosophila melanogaster females. Scientific reports, 6, 19441.

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.