

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[w\[*\]; P{w\[+mC\]=Ir31a-GAL4.583}235.1; TM2/TM6B, Tb\[1\]](#)

RRID:BDSC_41726

Type: Organism

Proper Citation

RRID:BDSC_41726

Organism Information

URL: <https://n2t.net/bdsc:41726>

Proper Citation: RRID:BDSC_41726

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Ir31a-GAL4.583}235.1; TM2/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Richard Benton, University of Lausanne

Affected Gene: GAL4, Ir31a, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 41726

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41726, BDSC:41726, BL41726

Organism Name: w[*]; P{w[+mC]=Ir31a-GAL4.583}235.1; TM2/TM6B, Tb[1]

Record Creation Time: 20240911T222657+0000

Record Last Update: 20260912T203759+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Ir31a-GAL4.583}235.1; TM2/TM6B, Tb[1].

No alerts have been found for w[*]; P{w[+mC]=Ir31a-GAL4.583}235.1; TM2/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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

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.

Vulpe A, et al. (2021) An ammonium transporter is a non-canonical olfactory receptor for ammonia. Current biology : CB, 31(15), 3382.