

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[w\[*\]; PBac{y\[+mDint2\] w\[+mC\]=lexAop-ReaChR}VK00005/TM6B, Sb\[1\] Tb\[1\]](#)

RRID:BDSC_53746

Type: Organism

Proper Citation

RRID:BDSC_53746

Organism Information

URL: <https://n2t.net/bdsc:53746>

Proper Citation: RRID:BDSC_53746

Description: Drosophila melanogaster with name w[*]; PBac{y[+mDint2] w[+mC]=lexAop-ReaChR}VK00005/TM6B, Sb[1] Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: The TM6B chromosome in this stock probably carries ca[1]. Homozygotes present. Donor: Hidehiko Inagaki & David Anderson, California Institute of Technology

Affected Gene: lexAop, ReaChR, Sb, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 53746

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_53746, BL53746

Organism Name: w[*]; PBac{y[+mDint2] w[+mC]=lexAop-ReaChR}VK00005/TM6B, Sb[1] Tb[1]

Record Creation Time: 20240911T222818+0000

Record Last Update: 20260725T195609+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; PBac{y[+mDint2] w[+mC]=lexAop-ReaChR}VK00005/TM6B, Sb[1] Tb[1].

No alerts have been found for w[*]; PBac{y[+mDint2] w[+mC]=lexAop-ReaChR}VK00005/TM6B, Sb[1] Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Nakamizo-Dojo M, et al. (2023) Descending GABAergic pathway links brain sugar-sensing to peripheral nociceptive gating in Drosophila. Nature communications, 14(1), 6515.