

Resource Summary Report

Generated by [dkNET](#) on Aug 13, 2026

[w\[*\]; PBac{y\[+mDint2\] w\[+mC\]=10XlexAop-GRAB\(DA2m\)}VK00005/TM2](#)

RRID:BDSC_90880

Type: Organism

Proper Citation

RRID:BDSC_90880

Organism Information

URL: <https://n2t.net/bdsc:90880>

Proper Citation: RRID:BDSC_90880

Description: Drosophila melanogaster with name w[*]; PBac{y[+mDint2] w[+mC]=10XlexAop-GRAB(DA2m)}VK00005/TM2 from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes on the third may be present. Donor: Fangmiao Sun & Jianzhi Zeng, Peking University; Donor's Source: Yulong Li, Peking University

Affected Gene: GRAB(DA2m), lexAop, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 90880

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_90880, BL90880

Organism Name: w[*]; PBac{y[+mDint2] w[+mC]=10XlexAop-GRAB(DA2m)}VK00005/TM2

Record Creation Time: 20240911T223414+0000

Record Last Update: 20260808T195816+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; PBac{y[+mDint2] w[+mC]=10XlexAop-GRAB(DA2m)}VK00005/TM2.

No alerts have been found for w[*]; PBac{y[+mDint2] w[+mC]=10XlexAop-GRAB(DA2m)}VK00005/TM2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Pimenov I, et al. (2026) Dopamine neuron specific RNA-sequencing reveals Neprilysin 1 acts downstream of the cohesin complex to suppress learning. Communications biology, 9(1).

Avishai G, et al. (2025) Differential dopaminergic modulation of the antennal lobe of Drosophila melanogaster. Communications biology, 8(1), 1555.

Lv M, et al. (2024) An octopamine-specific GRAB sensor reveals a monoamine relay circuitry that boosts aversive learning. bioRxiv : the preprint server for biology.