

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 2026

[w\[*\]; P{w\[+mC\]=UAS-GRAB\(DA1m\)}2](#)

RRID:BDSC_80047

Type: Organism

Proper Citation

RRID:BDSC_80047

Organism Information

URL: <https://n2t.net/bdsc:80047>

Proper Citation: RRID:BDSC_80047

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-GRAB(DA1m)}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Yulong Li & Jianzhi Zeng, Peking University

Affected Gene: GRAB(DA1m), UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 80047

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80047, BL80047

Organism Name: w[*]; P{w[+mC]=UAS-GRAB(DA1m)}2

Record Creation Time: 20240911T223228+0000

Record Last Update: 20260815T192603+0000

Ratings and Alerts

No rating or validation information has been found for $w[*]$; $P\{w[+mC]=UAS-GRAB(DA1m)\}^2$.

No alerts have been found for $w[*]$; $P\{w[+mC]=UAS-GRAB(DA1m)\}^2$.

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 [PRECISE-TBI](#) .

Wang Y, et al. (2026) A bidirectional brain-fat body axis for pathogen avoidance. Neuron.

Pardo-Garcia TR, et al. (2023) Food memory circuits regulate eating and energy balance. Current biology : CB, 33(2), 215.

Kapoor A, et al. (2022) Dual control of dopamine in Drosophila myeloid-like progenitor cell proliferation and regulation of lymph gland growth. EMBO reports, 23(6), e52951.

Sun F, et al. (2020) Next-generation GRAB sensors for monitoring dopaminergic activity in vivo. Nature methods, 17(11), 1156.