

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

[w\[*\]; P{y\[+t7.7\] w\[+mC\]=10XUAS-GRAB\(ACh3.0\)}attP40](#)

RRID:BDSC_86549

Type: Organism

Proper Citation

RRID:BDSC_86549

Organism Information

URL: <https://n2t.net/bdsc:86549>

Proper Citation: RRID:BDSC_86549

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7] w[+mC]=10XUAS-GRAB(ACh3.0)}attP40 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: GRAB(GACh3.0), UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 86549

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_86549, BDSC:86549, BL86549

Organism Name: w[*]; P{y[+t7.7] w[+mC]=10XUAS-GRAB(ACh3.0)}attP40

Record Creation Time: 20240911T223330+0000

Record Last Update: 20260905T141432+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7] w[+mC]=10XUAS-GRAB(ACh3.0)}attP40.

No alerts have been found for w[*]; P{y[+t7.7] w[+mC]=10XUAS-GRAB(ACh3.0)}attP40.

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](#) .

Date T, et al. (2026) Tonically active interneurons gate motor output in Drosophila larvae. bioRxiv : the preprint server for biology.

Gou T, et al. (2024) Adaptation to visual sparsity enhances responses to isolated stimuli. Current biology : CB, 34(24), 5697.

Schulz J, et al. (2024) Exploring neonicotinoid effects on Drosophila: insights into olfactory memory, neurotransmission, and synaptic connectivity. Frontiers in physiology, 15, 1363943.

Noyes NC, et al. (2023) Innate and learned odor-guided behaviors utilize distinct molecular signaling pathways in a shared dopaminergic circuit. Cell reports, 42(2), 112026.

Manoim JE, et al. (2022) Lateral axonal modulation is required for stimulus-specific olfactory conditioning in Drosophila. Current biology : CB, 32(20), 4438.

Tanaka R, et al. (2020) Object-Displacement-Sensitive Visual Neurons Drive Freezing in Drosophila. Current biology : CB, 30(13), 2532.