

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 20, 2025

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, BL86549

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

Record Creation Time: 20240911T223330+0000

Record Last Update: 20250420T061121+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 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.