

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

[y\[1\] w\[*\] P{y\[+t7.7\] w\[+mC\]=20XUAS-GCaMP3}su\(Hw\)attP8](#)

RRID:BDSC_32234

Type: Organism

Proper Citation

RRID:BDSC_32234

Organism Information

URL: <https://n2t.net/bdsc:32234>

Proper Citation: RRID:BDSC_32234

Description: Drosophila melanogaster with name y[1] w[*] P{y[+t7.7] w[+mC]=20XUAS-GCaMP3}su(Hw)attP8 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Barret Pfeiffer, Howard Hughes Medical Institute, Janelia Research Campus; Donor's Source: Julie Simpson, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: GCaMP3, UAS, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 32234

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32234, BL32234

Organism Name: y[1] w[*] P{y[+t7.7] w[+mC]=20XUAS-GCaMP3}su(Hw)attP8

Record Creation Time: 20240911T222531+0000

Record Last Update: 20260829T190017+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*] P{y[+t7.7] w[+mC]=20XUAS-GCaMP3}su(Hw)attP8.

No alerts have been found for y[1] w[*] P{y[+t7.7] w[+mC]=20XUAS-GCaMP3}su(Hw)attP8.

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](#) .

Miazzi F, et al. (2022) Targeting Insect Olfaction in vivo and in vitro Using Functional Imaging. Frontiers in cellular neuroscience, 16, 839811.

Ueno K, et al. (2020) Carbon Monoxide, a Retrograde Messenger Generated in Postsynaptic Mushroom Body Neurons, Evokes Noncanonical Dopamine Release. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(18), 3533.

Ueno K, et al. (2017) Coincident postsynaptic activity gates presynaptic dopamine release to induce plasticity in Drosophila mushroom bodies. eLife, 6.