

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 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.