

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[y\[1\] w\[*\]; PBac{y\[+mDint2\] w\[+mC\]=5XUAS-Trpml::GCaMP5G}VK00033](#)

RRID:BDSC_80066

Type: Organism

Proper Citation

RRID:BDSC_80066

Organism Information

URL: <https://n2t.net/bdsc:80066>

Proper Citation: RRID:BDSC_80066

Description: Drosophila melanogaster with name y[1] w[*]; PBac{y[+mDint2] w[+mC]=5XUAS-Trpml::GCaMP5G}VK00033 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Ching-On Wong, University of Texas Health Science Center, Houston

Affected Gene: GCaMP5G, Trpml, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 80066

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80066, BDSC:80066, BL80066

Organism Name: y[1] w[*]; PBac{y[+mDint2] w[+mC]=5XUAS-Trpml::GCaMP5G}VK00033

Record Creation Time: 20240911T223228+0000

Record Last Update: 20260905T141305+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=5XUAS-Trpml::GCaMP5G}VK00033.

No alerts have been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=5XUAS-Trpml::GCaMP5G}VK00033.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Ma Z, et al. (2020) TrpML-mediated astrocyte microdomain Ca²⁺ transients regulate astrocyte-tracheal interactions. eLife, 9.