

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 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, BL80066

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

**Record Creation Time:** 20240911T223228+0000

**Record Last Update:** 20260725T200110+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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Ma Z, et al. (2020) TrpML-mediated astrocyte microdomain Ca<sup>2+</sup> transients regulate astrocyte-tracheal interactions. eLife, 9.