

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

[y\[1\] w\[*\]; PBac{y\[+mDint2\] w\[+mC\]=5XUAS-Trpml::GCaMP5G}VK00037/CyO, P{w\[+mC\]=ActGFP}JMR1; MKRS/TM6B, Tb\[1\]](#)

RRID:BDSC_80067

Type: Organism

Proper Citation

RRID:BDSC_80067

Organism Information

URL: <https://n2t.net/bdsc:80067>

Proper Citation: RRID:BDSC_80067

Description: Drosophila melanogaster with name y[1] w[*]; PBac{y[+mDint2] w[+mC]=5XUAS-Trpml::GCaMP5G}VK00037/CyO, P{w[+mC]=ActGFP}JMR1; MKRS/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: GCaMP5G, Trpml, UAS, Act5C, Avic\GFP, Tb, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 80067

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80067, BL80067

Organism Name: y[1] w[*]; PBac{y[+mDint2] w[+mC]=5XUAS-Trpml::GCaMP5G}VK00037/CyO, P{w[+mC]=ActGFP}JMR1; MKRS/TM6B, Tb[1]

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}VK00037/CyO, P{w[+mC]=ActGFP}JMR1; MKRS/TM6B, Tb[1].

No alerts have been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=5XUAS-Trpml::GCaMP5G}VK00037/CyO, P{w[+mC]=ActGFP}JMR1; MKRS/TM6B, Tb[1].

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 [PRECISE-TBI](#) .

Zhao Y, et al. (2023) Direction Selectivity of TmY Neurites in Drosophila. Neuroscience bulletin, 39(5), 759.