

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[y\[1\] w\[*\]; wg\[Sp-1\]/CyO, P{Wee-P.ph0}Bacc\[Wee-P20\]; PBac{y\[+mDint2\] w\[+mC\]=10XQUAS-ChR2.T159C-HA}VK00027](#)

RRID:BDSC_52260

Type: Organism

Proper Citation

RRID:BDSC_52260

Organism Information

URL: <https://n2t.net/bdsc:52260>

Proper Citation: RRID:BDSC_52260

Description: Drosophila melanogaster with name y[1] w[*]; wg[Sp-1]/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; PBac{y[+mDint2] w[+mC]=10XQUAS-ChR2.T159C-HA}VK00027 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Steve Stowers, Montana State University

Affected Gene: ChR2(T159C), QUAS, Avic\GFP, Bacc, wg, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 52260

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_52260, BL52260

Organism Name: y[1] w[*]; wg[Sp-1]/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; PBac{y[+mDint2] w[+mC]=10XQUAS-ChR2.T159C-HA}VK00027

Record Creation Time: 20240911T222804+0000

Record Last Update: 20260725T195552+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; wg[Sp-1]/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; PBac{y[+mDint2] w[+mC]=10XQUAS-ChR2.T159C-HA}VK00027.

No alerts have been found for y[1] w[*]; wg[Sp-1]/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; PBac{y[+mDint2] w[+mC]=10XQUAS-ChR2.T159C-HA}VK00027.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Zhou G, et al. (2025) An improved FLARE system for recording and manipulating neuronal activity. Cell reports methods, 5(4), 101012.

Pan G, et al. (2023) Cross-modal modulation gates nociceptive inputs in Drosophila. Current biology : CB, 33(7), 1372.

Hu Y, et al. (2023) LabGym: Quantification of user-defined animal behaviors using learning-based holistic assessment. Cell reports methods, 3(3), 100415.

Hu Y, et al. (2020) A Neural Basis for Categorizing Sensory Stimuli to Enhance Decision Accuracy. Current biology : CB, 30(24), 4896.

, et al. (2019) Erratum: Coates et al., Identified Serotonergic Modulatory Neurons Have Heterogeneous Synaptic Connectivity within the Olfactory System of Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(27), 5420.

Coates KE, et al. (2017) Identified Serotonergic Modulatory Neurons Have Heterogeneous Synaptic Connectivity within the Olfactory System of Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(31), 7318.