

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

[y\[1\] w\[*\]; PBac{y\[+mDint2\] w\[+mC\]=10XQUAS-ChR2.T159C-HA}VK00018/CyO, P{Wee-P.ph0}Bacc\[Wee-P20\]; Dr\[1\]/TM6C, Sb\[1\] Tb\[1\]](#)

RRID:BDSC_52259

Type: Organism

Proper Citation

RRID:BDSC_52259

Organism Information

URL: <https://n2t.net/bdsc:52259>

Proper Citation: RRID:BDSC_52259

Description: Drosophila melanogaster with name y[1] w[*]; PBac{y[+mDint2] w[+mC]=10XQUAS-ChR2.T159C-HA}VK00018/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; Dr[1]/TM6C, Sb[1] Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Steve Stowers, Montana State University

Affected Gene: Dr, ChR2(T159C), QUAS, Avic\GFP, Bacc, Sb, Tb, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 52259

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_52259, BDSC:52259, BL52259

Organism Name: y[1] w[*]; PBac{y[+mDint2] w[+mC]=10XQUAS-ChR2.T159C-HA}VK00018/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; Dr[1]/TM6C, Sb[1] Tb[1]

Record Creation Time: 20240911T222804+0000

Record Last Update: 20260905T140657+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=10XQUAS-ChR2.T159C-HA}VK00018/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; Dr[1]/TM6C, Sb[1] Tb[1].

No alerts have been found for y[1] w[*]; PBac{y[+mDint2] w[+mC]=10XQUAS-ChR2.T159C-HA}VK00018/CyO, P{Wee-P.ph0}Bacc[Wee-P20]; Dr[1]/TM6C, Sb[1] Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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

Li K, et al. (2023) Belly roll, a GPI-anchored Ly6 protein, regulates Drosophila melanogaster escape behaviors by modulating the excitability of nociceptive peptidergic interneurons. eLife, 12.