

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[w\[1118\]; P{w\[+mC\]=QUAS-mtdTomato-3xHA}14/CyO; P{y\[+t7.7\] w\[+mC\]=QUAS\(FRT.stop\)GtACR2.EYFP}attP2/TM6B, Tb\[+\]](#)

RRID:BDSC_603878

Type: Organism

Proper Citation

RRID:BDSC_603878

Organism Information

URL: <https://n2t.net/bdsc:603878>

Proper Citation: RRID:BDSC_603878

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=QUAS-mtdTomato-3xHA}14/CyO; P{y[+t7.7] w[+mC]=QUAS(FRT.stop)GtACR2.EYFP}attP2/TM6B, Tb[+] from BDSC.

Species: Drosophila melanogaster

Notes: Part of the 'FLIPSOTi' system. When combined with UAS-trans-Tango, a presynaptically-expressed GAL4 and flippase, the QUAS transgenes can mark and hyperpolarize (inhibit) postsynaptic cells under the control of trans-Tango. Donor: Lina Ni, Virginia Polytechnic Institute and State University, Blacksburg

Affected Gene: GtACR2, QUAS, Disc\RFP, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 603878

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_603878, BL603878

Organism Name: w[1118]; P{w[+mC]=QUAS-mtdTomato-3xHA}14/CyO; P{y[+t7.7] w[+mC]=QUAS(FRT.stop)GtACR2.EYFP}attP2/TM6B, Tb[+]

Record Creation Time: 20240911T223620+0000

Record Last Update: 20260829T191455+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=QUAS-mtdTomato-3xHA}14/CyO; P{y[+t7.7] w[+mC]=QUAS(FRT.stop)GtACR2.EYFP}attP2/TM6B, Tb[+].

No alerts have been found for w[1118]; P{w[+mC]=QUAS-mtdTomato-3xHA}14/CyO; P{y[+t7.7] w[+mC]=QUAS(FRT.stop)GtACR2.EYFP}attP2/TM6B, Tb[+].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.