

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

[y\[1\] w\[*\] P{y\[+t7.7\] w\[+mC\]=UAS-myrGFP.QUAS-mtdTomato-3xHA}su\(Hw\)attP8, P{ry\[+t7.2\]=hsFLP}1; P{y\[+t7.7\] w\[+mC\]=trans-Tango}attP40, P{w\[+mW.hs\]=FRT\(w\[hs\]\)}G13, P{w\[+mC\]=tub-QS.P}5A/CyO](#)

RRID:BDSC_77480

Type: Organism

Proper Citation

RRID:BDSC_77480

Organism Information

URL: <https://n2t.net/bdsc:77480>

Proper Citation: RRID:BDSC_77480

Description: Drosophila melanogaster with name y[1] w[*] P{y[+t7.7] w[+mC]=UAS-myrGFP.QUAS-mtdTomato-3xHA}su(Hw)attP8, P{ry[+t7.2]=hsFLP}1; P{y[+t7.7] w[+mC]=trans-Tango}attP40, P{w[+mW.hs]=FRT(w[hs])}G13, P{w[+mC]=tub-QS.P}5A/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes for the second chromosome may be present. Donor: Mustafa Talay & Gilad Barnea, Brown University

Affected Gene: FRT, FLP, Hsp70 (generic), elav, Hsap\ARRB2, Hsap\GCG, nSyb, QF, UAS, alphaTub84B, QS, Avic\GFP, Disc\RFP, QUAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 77480

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_77480, BL77480

Organism Name: y[1] w[*] P{y[+t7.7] w[+mC]=UAS-myrGFP.QUAS-mtdTomato-3xHA}su(Hw)attP8, P{ry[+t7.2]=hsFLP}1; P{y[+t7.7] w[+mC]=trans-Tango}attP40, P{w[+mW.hs]=FRT(w[hs])}G13, P{w[+mC]=tub-QS.P}5A/CyO

Record Creation Time: 20240911T223203+0000

Record Last Update: 20260725T200042+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*] P{y[+t7.7] w[+mC]=UAS-myrGFP.QUAS-mtdTomato-3xHA}su(Hw)attP8, P{ry[+t7.2]=hsFLP}1; P{y[+t7.7] w[+mC]=trans-Tango}attP40, P{w[+mW.hs]=FRT(w[hs])}G13, P{w[+mC]=tub-QS.P}5A/CyO.

No alerts have been found for y[1] w[*] P{y[+t7.7] w[+mC]=UAS-myrGFP.QUAS-mtdTomato-3xHA}su(Hw)attP8, P{ry[+t7.2]=hsFLP}1; P{y[+t7.7] w[+mC]=trans-Tango}attP40, P{w[+mW.hs]=FRT(w[hs])}G13, P{w[+mC]=tub-QS.P}5A/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Yoshinari Y, et al. (2021) The sugar-responsive enteroendocrine neuropeptide F regulates lipid metabolism through glucagon-like and insulin-like hormones in *Drosophila melanogaster*. *Nature communications*, 12(1), 4818.

Yang T, et al. (2021) A neural circuit integrates pharyngeal sensation to control feeding. *Cell reports*, 37(6), 109983.

Feng K, et al. (2020) Distributed control of motor circuits for backward walking in *Drosophila*. *Nature communications*, 11(1), 6166.