Resource Summary Report

Generated by NIF on Aug 21, 2026

y[1] w[*]; wg[Sp-1]/CyO, P{w[+mC]=Dfd-EYFP}2; P{y[+t7.7] w[+mC]=Tdc2-GAL4.S}attP2

RRID:BDSC_52243
Type: Organism

Proper Citation

RRID:BDSC_52243

Organism Information

URL: https://n2t.net/bdsc:52243

Proper Citation: RRID:BDSC_52243

Description: Drosophila melanogaster with name y[1] w[*]; wg[Sp-1]/CyO, P{w[+mC]=Dfd-EYFP}2; P{y[+t7.7] w[+mC]=Tdc2-GAL4.S}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Steve Stowers, Montana State University

Affected Gene: Avic\GFP, Dfd, GAL4, Tdc2, wg, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 52243

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_52243, BL52243

Organism Name: y[1] w[*]; wg[Sp-1]/CyO, P{w[+mC]=Dfd-EYFP}2; P{y[+t7.7] w[+mC]=Tdc2-GAL4.S}attP2

Record Creation Time: 20240911T222803+0000

Record Last Update: 20260815T192025+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; wg[Sp-1]/CyO, P{w[+mC]=Dfd-EYFP}2; P{y[+t7.7] w[+mC]=Tdc2-GAL4.S}attP2.

No alerts have been found for y[1] w[*]; wg[Sp-1]/CyO, P{w[+mC]=Dfd-EYFP}2; P{y[+t7.7] w[+mC]=Tdc2-GAL4.S}attP2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Boivin JC, et al. (2026) A positive feedback loop between sensory and octopaminergic neurons underlies nociceptive plasticity in Drosophila larvae. PLoS genetics, 22(4), e1012122.

Davla S, et al. (2020) AANAT1 functions in astrocytes to regulate sleep homeostasis. eLife, 9.

Sherer LM, et al. (2020) Octopamine neuron dependent aggression requires dVGLUT from dual-transmitting neurons. PLoS genetics, 16(2), e1008609.

Schretter CE, et al. (2018) A gut microbial factor modulates locomotor behaviour in Drosophila. Nature, 563(7731), 402.