

Resource Summary Report

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

[w\[*\]; P{y\[+t7.7\]
w\[+mC\]=lexAop\(FRT.mCherry\)ReaChR}su\(Hw\)attP5/CyO](#)

RRID:BDSC_53744
Type: Organism

Proper Citation

RRID:BDSC_53744

Organism Information

URL: <https://n2t.net/bdsc:53744>

Proper Citation: RRID:BDSC_53744

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7]
w[+mC]=lexAop(FRT.mCherry)ReaChR}su(Hw)attP5/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes present. Donor: David Anderson & Hidehiko Inagaki, California
Institute of Technology

Affected Gene: FRT, lexAop, ReaChR, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 53744

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_53744, BL53744

Organism Name: w[*]; P{y[+t7.7]
w[+mC]=lexAop(FRT.mCherry)ReaChR}su(Hw)attP5/CyO

Record Creation Time: 20240911T222818+0000

Record Last Update: 20260725T195610+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7]
w[+mC]=lexAop(FRT.mCherry)ReaChR}su(Hw)attP5/CyO.

No alerts have been found for w[*]; P{y[+t7.7]
w[+mC]=lexAop(FRT.mCherry)ReaChR}su(Hw)attP5/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 [RRID](#) .

Liu W, et al. (2019) Neuropeptide F regulates courtship in Drosophila through a male-specific neuronal circuit. eLife, 8.

Carreira-Rosario A, et al. (2018) MDN brain descending neurons coordinately activate backward and inhibit forward locomotion. eLife, 7.

O'Sullivan A, et al. (2018) Multifunctional Wing Motor Control of Song and Flight. Current biology : CB, 28(17), 2705.