

Resource Summary Report

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

[y\[1\] w\[*\] P{y\[+t7.7\] w\[+mC\]=10XUAS-IVS-mCD8::RFP}attP18 P{y\[+t7.7\] w\[+mC\]=13XLexAop2-mCD8::GFP}su\(Hw\)attP8; P{y\[+t7.7\] w\[+mC\]=CoinFLP-LexA::GAD.GAL4}attP40](#)

RRID:BDSC_58754

Type: Organism

Proper Citation

RRID:BDSC_58754

Organism Information

URL: <https://n2t.net/bdsc:58754>

Proper Citation: RRID:BDSC_58754

Description: Drosophila melanogaster with name y[1] w[*] P{y[+t7.7] w[+mC]=10XUAS-IVS-mCD8::RFP}attP18 P{y[+t7.7] w[+mC]=13XLexAop2-mCD8::GFP}su(Hw)attP8; P{y[+t7.7] w[+mC]=CoinFLP-LexA::GAD.GAL4}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Iswar Hariharan & Justin Bosch, University of California, Berkeley

Affected Gene: Disc\lRFP, UAS, Avic\GFP, lexAop, Act5C, FRT, GAL4, lexA::GAD, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 58754

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_58754, BL58754

Organism Name: y[1] w[*] P{y[+t7.7] w[+mC]=10XUAS-IVS-mCD8::RFP}attP18 P{y[+t7.7] w[+mC]=13XLexAop2-mCD8::GFP}su(Hw)attP8; P{y[+t7.7] w[+mC]=CoinFLP-LexA::GAD.GAL4}attP40

Record Creation Time: 20240911T222906+0000

Record Last Update: 20260725T195705+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*] P{y[+t7.7] w[+mC]=10XUAS-IVS-mCD8::RFP}attP18 P{y[+t7.7] w[+mC]=13XLexAop2-mCD8::GFP}su(Hw)attP8; P{y[+t7.7] w[+mC]=CoinFLP-LexA::GAD.GAL4}attP40.

No alerts have been found for y[1] w[*] P{y[+t7.7] w[+mC]=10XUAS-IVS-mCD8::RFP}attP18 P{y[+t7.7] w[+mC]=13XLexAop2-mCD8::GFP}su(Hw)attP8; P{y[+t7.7] w[+mC]=CoinFLP-LexA::GAD.GAL4}attP40.

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](#) .

Arroyo OM, et al. (2025) An RNAi-based platform for spatiotemporal control of histone gene expression during animal development. Research square.

Karuparti S, et al. (2023) A toolkit for converting Gal4 into LexA and Flippase transgenes in Drosophila. G3 (Bethesda, Md.), 13(3).

Jin X, et al. (2021) A subset of DN1p neurons integrates thermosensory inputs to promote wakefulness via CNMa signaling. Current biology : CB, 31(10), 2075.