Resource Summary Report

Generated by RRID on Aug 5, 2026

w[*]; P{y[+t7.7] w[+mC]=CoinFLP-LexA::GAD.GAL4}attP40 P{w[+mC]=lexAop-rCD2.RFP}2; P{w[+mC]=UAS-CD4-spGFP1-10}3, P{w[+mC]=lexAop-CD4-spGFP11}3/TM6C, Sb[1]

RRID:BDSC_58755
Type: Organism

Proper Citation

RRID:BDSC_58755

Organism Information

URL: https://n2t.net/bdsc:58755

Proper Citation: RRID:BDSC_58755

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7] w[+mC]=CoinFLP-LexA::GAD.GAL4}attP40 P{w[+mC]=lexAop-rCD2.RFP}2; P{w[+mC]=UAS-CD4-spGFP1-10}3, P{w[+mC]=lexAop-CD4-spGFP11}3/TM6C, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: TM6C, Sb[1] may be present. Donor: Iswar Hariharan & Justin Bosch, University of California, Berkeley

Affected Gene: Act5C, FRT, GAL4, lexA::GAD, lexAop, spGFP11, Disc\RFP, spGFP1-10, UASt, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 58755

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_58755, BL58755

Organism Name: w[*]; P{y[+t7.7] w[+mC]=CoinFLP-LexA::GAD.GAL4}attP40 P{w[+mC]=lexAop-rCD2.RFP}2; P{w[+mC]=UAS-CD4-spGFP1-10}3, P{w[+mC]=lexAop-CD4-spGFP11}3/TM6C, Sb[1]

Record Creation Time: 20240911T222906+0000

Record Last Update: 20260801T195600+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7] w[+mC]=CoinFLP-LexA::GAD.GAL4}attP40 P{w[+mC]=lexAop-rCD2.RFP}2; P{w[+mC]=UAS-CD4-spGFP1-10}3, P{w[+mC]=lexAop-CD4-spGFP11}3/TM6C, Sb[1].

No alerts have been found for w[*]; P{y[+t7.7] w[+mC]=CoinFLP-LexA::GAD.GAL4}attP40 P{w[+mC]=lexAop-rCD2.RFP}2; P{w[+mC]=UAS-CD4-spGFP1-10}3, P{w[+mC]=lexAop-CD4-spGFP11}3/TM6C, Sb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Simon E, et al. (2025) Filopodia are essential for steroid release. Nature communications, 16(1), 5501.

Mollá-Albaladejo R, et al. (2025) Molecular characterization of gustatory second-order neurons reveals integrative mechanisms of gustatory and metabolic information. eLife, 13.

Yoshinari Y, et al. (2024) A high-protein diet-responsive gut hormone regulates behavioral and metabolic optimization in Drosophila melanogaster. Nature communications, 15(1), 10819.

Calvin-Cejudo L, et al. (2023) Neuron-glia interaction at the receptor level affects olfactory perception in adult Drosophila. iScience, 26(1), 105837.

Kurogi Y, et al. (2023) Female reproductive dormancy in Drosophila is regulated by DH31-producing neurons projecting into the corpus allatum. Development (Cambridge, England), 150(10).

Shen P, et al. (2023) Neural circuit mechanisms linking courtship and reward in Drosophila males. Current biology : CB, 33(10), 2034.

Yu J, et al. (2023) A dedicate sensorimotor circuit enables fine texture discrimination by active touch. PLoS genetics, 19(1), e1010562.

Deshpande SA, et al. (2022) Regulation of Drosophila oviduct muscle contractility by octopamine. iScience, 25(8), 104697.

Guo L, et al. (2022) Descending neurons coordinate anterior grooming behavior in Drosophila. Current biology : CB, 32(4), 823.

Sun L, et al. (2022) Recurrent circadian circuitry regulates central brain activity to maintain sleep. Neuron, 110(13), 2139.

Tomita J, et al. (2021) Protocerebral Bridge Neurons That Regulate Sleep in Drosophila melanogaster. Frontiers in neuroscience, 15, 647117.

Hsu JM, et al. (2021) Injury-Induced Inhibition of Bystander Neurons Requires dSarm and Signaling from Glia. Neuron, 109(3), 473.

Pogodalla N, et al. (2021) Drosophila ßHeavy-Spectrin is required in polarized ensheathing glia that form a diffusion-barrier around the neuropil. Nature communications, 12(1), 6357.

Yang S, et al. (2021) Competitive coordination of the dual roles of the Hedgehog co-receptor in homophilic adhesion and signal reception. eLife, 10.

Nojima T, et al. (2021) A sex-specific switch between visual and olfactory inputs underlies adaptive sex differences in behavior. Current biology : CB, 31(6), 1175.

Lee SH, et al. (2021) Metabolic control of daily locomotor activity mediated by tachykinin in Drosophila. Communications biology, 4(1), 693.

Popkova A, et al. (2020) A Cdc42-mediated supracellular network drives polarized forces and Drosophila egg chamber extension. Nature communications, 11(1), 1921.

Imura E, et al. (2020) The Corazonin-PTTH Neuronal Axis Controls Systemic Body Growth by Regulating Basal Ecdysteroid Biosynthesis in Drosophila melanogaster. Current biology : CB, 30(11), 2156.

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

Ganguly A, et al. (2020) Serotonin receptor 5-HT7 in Drosophila mushroom body neurons mediates larval appetitive olfactory learning. Scientific reports, 10(1), 21267.