Resource Summary Report

Generated by dkNET on Aug 22, 2026

w[*]; wg[Sp-1]/CyO; P{w[+mC]=Gr32a-GAL4.3.7.PW}1L

RRID:BDSC_57622
Type: Organism

Proper Citation

RRID:BDSC_57622

Organism Information

URL: https://n2t.net/bdsc:57622

Proper Citation: RRID:BDSC_57622

Description: Drosophila melanogaster with name w[*]; wg[Sp-1]/CyO; P{w[+mC]=Gr32a-GAL4.3.7.PW}1L from BDSC.

Species: Drosophila melanogaster

Notes: Donor: John Carlson, Yale University

Affected Gene: GAL4, Gr32a, wg, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 57622

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_57622, BL57622

Organism Name: w[*]; wg[Sp-1]/CyO; P{w[+mC]=Gr32a-GAL4.3.7.PW}1L

Record Creation Time: 20240911T222855+0000

Record Last Update: 20260815T192127+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; wg[Sp-1]/CyO; P{w[+mC]=Gr32a-GAL4.3.7.PW}1L.

No alerts have been found for w[*]; wg[Sp-1]/CyO; P{w[+mC]=Gr32a-GAL4.3.7.PW}1L.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Li X, et al. (2023) Taste coding of heavy metal ion-induced avoidance in Drosophila. iScience, 26(5), 106607.

Mabuchi Y, et al. (2023) Visual feedback neurons fine-tune Drosophila male courtship via GABA-mediated inhibition. Current biology : CB, 33(18), 3896.

Dey M, et al. (2023) Evolution of fatty acid taste in drosophilids. Cell reports, 42(10), 113297.

Meiselman MR, et al. (2022) Endocrine modulation of primary chemosensory neurons regulates Drosophila courtship behavior. PLoS genetics, 18(8), e1010357.

Israel S, et al. (2022) Olfactory stimuli and moonwalker SEZ neurons can drive backward locomotion in Drosophila. Current biology : CB, 32(5), 1131.

Masuzzo A, et al. (2022) Bacteria-Derived Peptidoglycan Triggers a Noncanonical Nuclear Factor-??B-Dependent Response in Drosophila Gustatory Neurons. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(41), 7809.

Maier GL, et al. (2021) Taste sensing and sugar detection mechanisms in Drosophila larval primary taste center. eLife, 10.

Iftikhar H, et al. (2019) The Role of miRNAs in Drosophila melanogaster Male Courtship Behavior. Genetics, 211(3), 925.

Miroschnikow A, et al. (2018) Convergence of monosynaptic and polysynaptic sensory paths onto common motor outputs in a Drosophila feeding connectome. eLife, 7.

Andrews JC, et al. (2014) Octopamine neuromodulation regulates Gr32a-linked aggression and courtship pathways in Drosophila males. PLoS genetics, 10(5), e1004356.