Resource Summary Report

Generated by dkNET on Jul 29, 2026

w[*]; wg[Sp-1]/CyO; P{w[+mC]=Gr5a-GAL4.8.5}2/TM3, Sb[1]

RRID:BDSC_57591
Type: Organism

Proper Citation

RRID:BDSC_57591

Organism Information

URL: https://n2t.net/bdsc:57591

Proper Citation: RRID:BDSC_57591

Description: Drosophila melanogaster with name w[*]; wg[Sp-1]/CyO; P{w[+mC]=Gr5a-GAL4.8.5}2/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: John Carlson, Yale University

Affected Gene: GAL4, Gr5a, Sb, wg, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 57591

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_57591, BL57591

Organism Name: w[*]; wg[Sp-1]/CyO; P{w[+mC]=Gr5a-GAL4.8.5}2/TM3, Sb[1]

Record Creation Time: 20240911T222855+0000

Record Last Update: 20260725T195652+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; wg[Sp-1]/CyO; P{w[+mC]=Gr5a-GAL4.8.5}2/TM3, Sb[1].

No alerts have been found for w[*]; wg[Sp-1]/CyO; P{w[+mC]=Gr5a-GAL4.8.5}2/TM3, Sb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Fan XB, et al. (2025) A Token Stimulus Receptor Tuned to Gluconapin in the Cabbage White Butterfly. Journal of agricultural and food chemistry, 73(33), 21022.

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

Yang J, et al. (2021) Identification of a gustatory receptor tuned to sinigrin in the cabbage butterfly Pieris rapae. PLoS genetics, 17(7), e1009527.

Yu CC, et al. (2021) Assessing the cognitive status of Drosophila by the value-based feeding decision. NPJ aging and mechanisms of disease, 7(1), 24.

Ki Y, et al. (2019) Sleep-promoting effects of threonine link amino acid metabolism in Drosophila neuron to GABAergic control of sleep drive. eLife, 8.

Rass M, et al. (2019) The Drosophila fussel gene is required for bitter gustatory neuron differentiation acting within an Rpd3 dependent chromatin modifying complex. PLoS genetics, 15(2), e1007940.

Kendroud S, et al. (2018) Structure and development of the subesophageal zone of the Drosophila brain. II. Sensory compartments. The Journal of comparative neurology, 526(1), 33.

Sethi S, et al. (2017) A versatile genetic tool for post-translational control of gene expression in Drosophila melanogaster. eLife, 6.