

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[w\[*\]; P{w\[+mC\]=UAS-mCD8::GFP.L}LL5;
P{w\[+mC\]=Gr64f-GAL4.9.7}1/TM3, Sb\[1\]](#)

RRID:BDSC_57668

Type: Organism

Proper Citation

RRID:BDSC_57668

Organism Information

URL: <https://n2t.net/bdsc:57668>

Proper Citation: RRID:BDSC_57668

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-mCD8::GFP.L}LL5; P{w[+mC]=Gr64f-GAL4.9.7}1/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: J.-M. Dura reported that an unmapped, second P{UAS-mCD8::GFP.L} insertion, P{UAS-mCD8::GFP.L}2, is present in the likely progenitor to this stock (stk#5137). Donor: John Carlson, Yale University

Affected Gene: GAL4, Gr64f, Avic\GFP, UAS, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 57668

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_57668, BDSC:57668, BL57668

Organism Name: w[*]; P{w[+mC]=UAS-mCD8::GFP.L}LL5; P{w[+mC]=Gr64f-GAL4.9.7}1/TM3, Sb[1]

Record Creation Time: 20240911T222855+0000

Record Last Update: 20260919T203436+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-mCD8::GFP.L}LL5; P{w[+mC]=Gr64f-GAL4.9.7}1/TM3, Sb[1].

No alerts have been found for w[*]; P{w[+mC]=UAS-mCD8::GFP.L}LL5; P{w[+mC]=Gr64f-GAL4.9.7}1/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Shuai Y, et al. (2025) Driver lines for studying associative learning in Drosophila. eLife, 13.

Cavey M, et al. (2023) Increased sugar valuation contributes to the evolutionary shift in egg-laying behavior of the fruit pest Drosophila suzukii. PLoS biology, 21(12), e3002432.

Lee SG, et al. (2023) Taste and pheromonal inputs govern the regulation of time investment for mating by sexual experience in male Drosophila melanogaster. PLoS genetics, 19(5), e1010753.

Laturney M, et al. (2023) Mating activates neuroendocrine pathways signaling hunger in Drosophila females. eLife, 12.

Engert S, et al. (2022) Drosophila gustatory projections are segregated by taste modality and connectivity. eLife, 11.

Guo D, et al. (2021) Cholecystokinin-like peptide mediates satiety by inhibiting sugar attraction. PLoS genetics, 17(8), e1009724.

Moreira JM, et al. (2019) optoPAD, a closed-loop optogenetics system to study the circuit basis of feeding behaviors. eLife, 8.

Wu SF, et al. (2019) Sweet neurons inhibit texture discrimination by signaling TMC-expressing mechanosensitive neurons in Drosophila. eLife, 8.

Gou B, et al. (2016) High Throughput Assay to Examine Egg-Laying Preferences of Individual Drosophila melanogaster. Journal of visualized experiments : JoVE(109), e53716.