Resource Summary Report

Generated by RRID on Aug 3, 2026

w[*]; P{w[+mC]=Su(H)GBE-GAL4}2, P{w[+mC]=UAS-mCD8::GFP.L}LL5, P{UAS-mCD8::GFP.L}2/CyO

RRID:BDSC_83377
Type: Organism

Proper Citation

RRID:BDSC_83377

Organism Information

URL: https://n2t.net/bdsc:83377

Proper Citation: RRID:BDSC_83377

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Su(H)GBE-GAL4}2, P{w[+mC]=UAS-mCD8::GFP.L}LL5, P{UAS-mCD8::GFP.L}2/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Presence of at least one UAS-GFP has been confirmed. One of the two UAS-GFP insertions may not be present. Donor: Nicholas Sokol, Indiana University, Bloomington

Affected Gene: E(spl)m8-HLH, GAL4, Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 83377

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_83377, BL83377

Organism Name: w[*]; P{w[+mC]=Su(H)GBE-GAL4}2, P{w[+mC]=UAS-mCD8::GFP.L}LL5, P{UAS-mCD8::GFP.L}2/CyO

Record Creation Time: 20240911T223300+0000

Record Last Update: 20260801T200122+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Su(H)GBE-GAL4}2, P{w[+mC]=UAS-mCD8::GFP.L}LL5, P{UAS-mCD8::GFP.L}2/CyO.

No alerts have been found for w[*]; P{w[+mC]=Su(H)GBE-GAL4}2, P{w[+mC]=UAS-mCD8::GFP.L}LL5, P{UAS-mCD8::GFP.L}2/CyO.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Tournière O, et al. (2026) X chromosome dosage in respiratory stem cells is critical for post-embryonic development and survival. Current biology : CB, 36(2), 387.

Stricker AM, et al. (2025) Piezo-dependent surveillance of matrix stiffness generates transient cells that repair the basement membrane. Developmental cell, 60(14), 1936.

Puig-Barbe A, et al. (2025) A bHLH interaction code controls bipotential differentiation and self-renewal in the Drosophila gut. Cell reports, 44(3), 115398.

Vieira Contreras F, et al. (2024) The adhesion G-protein-coupled receptor mayo/CG11318 controls midgut development in Drosophila. Cell reports, 43(1), 113640.

Meng FW, et al. (2020) Sox100B Regulates Progenitor-Specific Gene Expression and Cell Differentiation in the Adult Drosophila Intestine. Stem cell reports, 14(2), 226.

von Frieling J, et al. (2020) A high-fat diet induces a microbiota-dependent increase in stem cell activity in the Drosophila intestine. PLoS genetics, 16(5), e1008789.

Zhang F, et al. (2020) Mitochondria regulate intestinal stem cell proliferation and epithelial homeostasis through FOXO. Molecular biology of the cell, 31(14), 1538.

Amcheslavsky A, et al. (2020) Transiently "Undead" Enterocytes Mediate Homeostatic Tissue Turnover in the Adult Drosophila Midgut. Cell reports, 33(8), 108408.

Rojas Villa SE, et al. (2019) zfh2 controls progenitor cell activation and differentiation in the adult Drosophila intestinal absorptive lineage. PLoS genetics, 15(12), e1008553.

Xu C, et al. (2019) The Septate Junction Protein Tsp2A Restricts Intestinal Stem Cell Activity via Endocytic Regulation of aPKC and Hippo Signaling. Cell reports, 26(3), 670.

Wen JK, et al. (2017) Atg9 antagonizes TOR signaling to regulate intestinal cell growth and epithelial homeostasis in Drosophila. eLife, 6.

Chen J, et al. (2016) A feedback amplification loop between stem cells and their progeny promotes tissue regeneration and tumorigenesis. eLife, 5.

Zhai Z, et al. (2015) Accumulation of differentiating intestinal stem cell progenies drives tumorigenesis. Nature communications, 6, 10219.