

Resource Summary Report

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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.