

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

[w\[*\]; P{ry\[+t7.2\]=Act5C\(FRT.polyA\)lacZ.nls1}2, P{w\[+mC\]=Ubi-p63E\(FRT.STOP\)Stinger}9F6/CyO; P{w\[+mC\]=GAL4-Act5C\(FRT.CD2\).P}S, P{w\[+mC\]=UAS-His-RFP}3/TM3, Sb\[1\]](#)

RRID:BDSC_51308

Type: Organism

Proper Citation

RRID:BDSC_51308

Organism Information

URL: <https://n2t.net/bdsc:51308>

Proper Citation: RRID:BDSC_51308

Description: Drosophila melanogaster with name w[*]; P{ry[+t7.2]=Act5C(FRT.polyA)lacZ.nls1}2, P{w[+mC]=Ubi-p63E(FRT.STOP)Stinger}9F6/CyO; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-His-RFP}3/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Cy[+] and/or Sb[+] homozygotes present. For TIE-DYE system of cell lineage tracing. Red fluorescent nuclei are present throughout the anterior of the adult midgut. Donor: Iswar Hariharan, University of California, Berkeley

Affected Gene: Act5C, Eco\lacZ, FRT, GAL4, Rnor\CD2, His2A, UAS, Avic\GFP, Ubi-p63E, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 51308

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51308, BDSC:51308, BL51308

Organism Name: w[*]; P{ry[+t7.2]=Act5C(FRT.polyA)lacZ.nls1}2, P{w[+mC]=Ubi-p63E(FRT.STOP)Stinger}9F6/CyO; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-His-RFP}3/TM3, Sb[1]

Record Creation Time: 20240911T222754+0000

Record Last Update: 20260912T203917+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{ry[+t7.2]=Act5C(FRT.polyA)lacZ.nls1}2, P{w[+mC]=Ubi-p63E(FRT.STOP)Stinger}9F6/CyO; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-His-RFP}3/TM3, Sb[1].

No alerts have been found for w[*]; P{ry[+t7.2]=Act5C(FRT.polyA)lacZ.nls1}2, P{w[+mC]=Ubi-p63E(FRT.STOP)Stinger}9F6/CyO; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-His-RFP}3/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Reyes R, et al. (2025) Cell recruitment and the origins of Anterior-Posterior asymmetries in the Drosophila wing. PloS one, 20(1), e0313067.

Chatterjee D, et al. (2022) Single-cell transcriptomics identifies Keap1-Nrf2 regulated collective invasion in a Drosophila tumor model. eLife, 11.

Chen S, et al. (2021) Temporarily Epigenetic Repression in Bergmann Glia Regulates the Migration of Granule Cells. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 8(10), 2003164.

He L, et al. (2018) Mechanical regulation of stem-cell differentiation by the stretch-activated Piezo channel. Nature, 555(7694), 103.