

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

[w\[1118\]; P{w\[+mC\]=GAL4-Act5C\(FRT.CD2\).P}S, P{w\[+mC\]=UAS-RFP.W}3/TM3, Sb\[1\]](#)

RRID:BDSC_30558

Type: Organism

Proper Citation

RRID:BDSC_30558

Organism Information

URL: <https://n2t.net/bdsc:30558>

Proper Citation: RRID:BDSC_30558

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-RFP.W}3/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: David Bilder, University of California, Berkeley & Joe Lipsick, University of Toronto

Affected Gene: Act5C, FRT, GAL4, Disc\RFP, UAS, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 30558

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30558, BL30558

Organism Name: w[1118]; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-RFP.W}3/TM3, Sb[1]

Record Creation Time: 20240911T222515+0000

Record Last Update: 20260826T175449+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-RFP.W}3/TM3, Sb[1].

No alerts have been found for w[1118]; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-RFP.W}3/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Klemm JW, et al. (2025) Regeneration following tissue necrosis is mediated by non-apoptotic caspase activity. *eLife*, 13.

Ding Q, et al. (2025) GSTD1 Mediates the Tolerance to Abamectin and Beta-Cypermethrin in the Fall Armyworm *Spodoptera frugiperda*. *Insects*, 16(3).

Simon E, et al. (2025) Filopodia are essential for steroid release. *Nature communications*, 16(1), 5501.

Soulard M, et al. (2025) Elimination of cells with local mismatch in differentiation timing contributes to synchronize tissue development. *iScience*, 28(8), 113135.

Narbonne-Reveau K, et al. (2025) In vivo AGO-APP identifies a module of microRNAs cooperatively preserving neural progenitors. *PLoS genetics*, 21(4), e1011680.

Klemm J, et al. (2024) Regeneration following tissue necrosis is mediated by non-apoptotic caspase activity. *bioRxiv : the preprint server for biology*.

Soares CC, et al. (2024) Autocrine glutamate signaling drives cell competition in *Drosophila*. *Developmental cell*, 59(22), 2974.

Hendricks EL, et al. (2024) The CHD family chromatin remodeling enzyme, Kismet, promotes both clathrin-mediated and activity-dependent bulk endocytosis. *PloS one*, 19(3), e0300255.

Sood C, et al. (2024) Delta-dependent Notch activation closes the early neuroblast temporal program to promote lineage progression and neurogenesis termination in *Drosophila*. *eLife*, 12.

Smith IR, et al. (2024) The CHD Protein Kismet Restricts the Synaptic Localization of Cell Adhesion Molecules at the *Drosophila* Neuromuscular Junction. *International journal of*

molecular sciences, 25(5).

Malin J, et al. (2024) Pten, PI3K, and PtdIns(3,4,5)P3 dynamics control pulsatile actin branching in *Drosophila* retina morphogenesis. *Developmental cell*, 59(12), 1593.

Rosa-Birriel C, et al. (2024) Medioapical contractile pulses coordinated between cells regulate *Drosophila* eye morphogenesis. *The Journal of cell biology*, 223(2).

Parreno V, et al. (2024) Transient loss of Polycomb components induces an epigenetic cancer fate. *Nature*, 629(8012), 688.

Ku HY, et al. (2024) Basement membrane patterning by spatial deployment of a secretion-regulating protease. *bioRxiv : the preprint server for biology*.

Martin M, et al. (2023) A novel proneural function of Asense is integrated with the sequential actions of Delta-Notch, L'sc and Su(H) to promote the neuroepithelial to neuroblast transition. *PLoS genetics*, 19(10), e1010991.

Ku HY, et al. (2023) Specialized cells that sense tissue mechanics to regulate *Drosophila* morphogenesis. *Developmental cell*, 58(3), 211.

Phipps DN, et al. (2023) Utilizing the FLP-Out System for Clonal RNAi Analysis in the Adult *Drosophila* Ovary. *Methods in molecular biology* (Clifton, N.J.), 2626, 69.

Jaiswal J, et al. (2023) Mutual repression between JNK/AP-1 and JAK/STAT stratifies senescent and proliferative cell behaviors during tissue regeneration. *PLoS biology*, 21(5), e3001665.

Khoury MJ, et al. (2022) Minimal functional domains of the core polarity regulator Dlg. *Biology open*, 11(7).

Worley MI, et al. (2022) Ets21C sustains a pro-regenerative transcriptional program in blastema cells of *Drosophila* imaginal discs. *Current biology : CB*, 32(15), 3350.