

Resource Summary Report

Generated by [dkNET](#) on Aug 27, 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.

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.

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

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.

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

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

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

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

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.

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).

Villars A, et al. (2022) Microtubule disassembly by caspases is an important rate-limiting step of cell extrusion. *Nature communications*, 13(1), 3632.