Resource Summary Report

Generated by Kravitz on Sep 13, 2026

P{w[+mC]=Ubi-mRFP.nls}1, w[*], P{ry[+t7.2]=hsFLP}12 P{ry[+t7.2]=neoFRT}19A

RRID:BDSC_31418
Type: Organism

Proper Citation

RRID:BDSC_31418

Organism Information

URL: https://n2t.net/bdsc:31418

Proper Citation: RRID:BDSC_31418

Description: Drosophila melanogaster with name P{w[+mC]=Ubi-mRFP.nls}1, w[*], P{ry[+t7.2]=hsFLP}12 P{ry[+t7.2]=neoFRT}19A from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Joe Lipsick, Stanford University School of Medicine & David Bilder, University of California, Berkeley

Affected Gene: FLP, Hsp70 (generic), FRT, Disc\RFP, Ubi-p63E, w

Genomic Alteration: Chromosome 1

Catalog Number: 31418

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_31418, BDSC:31418, BL31418

Organism Name: P{w[+mC]=Ubi-mRFP.nls}1, w[*], P{ry[+t7.2]=hsFLP}12 P{ry[+t7.2]=neoFRT}19A

Record Creation Time: 20240911T222523+0000

Record Last Update: 20260912T203559+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=Ubi-mRFP.nls}1, w[*], P{ry[+t7.2]=hsFLP}12 P{ry[+t7.2]=neoFRT}19A.

No alerts have been found for P{w[+mC]=Ubi-mRFP.nls}1, w[*], P{ry[+t7.2]=hsFLP}12 P{ry[+t7.2]=neoFRT}19A.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Li M, et al. (2025) Numb provides a fail-safe mechanism for intestinal stem cell self-renewal in adult Drosophila midgut. eLife, 14.

Jacobs T, et al. (2025) Rho/Rok-dependent regulation of actomyosin contractility at tricellular junctions restricts epithelial permeability in Drosophila. Current biology : CB, 35(6), 1181.

Finegan TM, et al. (2024) Fas2EB112: a tale of two chromosomes. G3 (Bethesda, Md.), 14(5).

Gao Y, et al. (2024) Ehbp1 orchestrates orderly sorting of Wnt/Wingless to the basolateral and apical cell membranes. EMBO reports, 25(11), 5053.

Ugrankar-Banerjee R, et al. (2023) The fat body cortical actin network regulates Drosophila inter-organ nutrient trafficking, signaling, and adipose cell size. eLife, 12.

Osswald M, et al. (2022) aPKC regulates apical constriction to prevent tissue rupture in the Drosophila follicular epithelium. Current biology : CB, 32(20), 4411.

Shindo Y, et al. (2021) Excess histone H3 is a competitive Chk1 inhibitor that controls cell-cycle remodeling in the early Drosophila embryo. Current biology : CB, 31(12), 2633.

Tatapudy S, et al. (2021) Distinct roles of Bendless in regulating FSC niche competition and daughter cell differentiation. Development (Cambridge, England), 148(22).

Shindo Y, et al. (2021) Modeling the role for nuclear import dynamics in the early embryonic cell cycle. Biophysical journal, 120(19), 4277.

Houssin E, et al. (2021) Par3 cooperates with Sanpodo for the assembly of Notch clusters following asymmetric division of Drosophila sensory organ precursor cells. eLife, 10.

Sherrard KM, et al. (2021) DAAM mediates the assembly of long-lived, treadmilling stress fibers in collectively migrating epithelial cells in Drosophila. eLife, 10.

Shen JL, et al. (2021) Vps13D functions in a Pink1-dependent and Parkin-independent mitophagy pathway. The Journal of cell biology, 220(11).

Pannen H, et al. (2020) The ESCRT machinery regulates retromer-dependent transcytosis of septate junction components in Drosophila. eLife, 9.

Chen Y, et al. (2020) Protein phosphatase 1 activity controls a balance between collective and single cell modes of migration. eLife, 9.

Chanet S, et al. (2020) Collective Cell Sorting Requires Contractile Cortical Waves in Germline Cells. Current biology : CB, 30(21), 4213.

Fic W, et al. (2019) IMP regulates Kuzbanian to control the timing of Notch signalling in Drosophila follicle cells. Development (Cambridge, England), 146(2).

Chari S, et al. (2019) Histone concentration regulates the cell cycle and transcription in early development. Development (Cambridge, England), 146(19).

Uyehara CM, et al. (2019) Direct and widespread role for the nuclear receptor EcR in mediating the response to ecdysone in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 116(20), 9893.

Mao D, et al. (2019) VAMP associated proteins are required for autophagic and lysosomal degradation by promoting a PtdIns4P-mediated endosomal pathway. Autophagy, 15(7), 1214.

Ohhara Y, et al. (2019) Chaperonin TRiC/CCT supports mitotic exit and entry into endocycle in Drosophila. PLoS genetics, 15(4), e1008121.