

Resource Summary Report

Generated by SPARC SAWG on Aug 8, 2026

w[1118]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=Ubi-mRFP.nls}3R

RRID:BDSC_30555

Type: Organism

Proper Citation

RRID:BDSC_30555

Organism Information

URL: <https://n2t.net/bdsc:30555>

Proper Citation: RRID:BDSC_30555

Description: Drosophila melanogaster with name w[1118]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=Ubi-mRFP.nls}3R from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: FRT, Disc\RFP, Ubi-p63E, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 30555

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30555, BL30555

Organism Name: w[1118]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=Ubi-mRFP.nls}3R

Record Creation Time: 20240911T222515+0000

Record Last Update: 20260808T194718+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=Ubi-mRFP.nls}3R.

No alerts have been found for w[1118]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=Ubi-mRFP.nls}3R.

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 [SPARC SAWG](#) .

Zhang Y, et al. (2026) Tumors mimic the niche to inhibit neighboring stem cell differentiation. eLife, 14.

Budhathoki R, et al. (2026) Perinuclear non-centrosomal microtubules direct nuclei dispersion during epithelial morphogenesis. The Journal of cell biology, 225(1).

Fischer JS, et al. (2026) A conserved mechanism of membrane fusion in nuclear pore complex assembly. Molecular cell.

Zhou L, et al. (2025) The E3 Ligase UBR5/Hyd Ensures Meiotic Fidelity Through Catalysis-Independent Regulation of γ -Tubulin in Drosophila. Genes, 16(11).

Vüllings N, et al. (2025) Another tail of two sites: activation of the Notch ligand Delta by Mindbomb1. BMC biology, 23(1), 71.

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.

Couturier L, et al. (2025) Pulsatile dynamics propagate crystalline order in the developing Drosophila eye. Developmental cell.

Kroeger B, et al. (2024) Basal spot junctions of Drosophila epithelial tissues respond to morphogenetic forces and regulate Hippo signaling. Developmental cell, 59(2), 262.

Mitchell KA, et al. (2024) The JNK and Hippo pathways control epithelial integrity and prevent tumor initiation by regulating an overlapping transcriptome. Current biology : CB, 34(17), 3966.

Paul PK, et al. (2024) Maintenance of proteostasis by Drosophila Rer1 is essential for competitive cell survival and Myc-driven overgrowth. PLoS genetics, 20(2), e1011171.

Keegan SE, et al. (2023) A chromatin remodelling SWI/SNF subunit, Snr1, regulates neural stem cell determination and differentiation. *Development (Cambridge, England)*, 150(13).

Troost T, et al. (2023) The meaning of ubiquitylation of the DSL ligand Delta for the development of *Drosophila*. *BMC biology*, 21(1), 260.

Zhao H, et al. (2023) Hippo pathway and Bonus control developmental cell fate decisions in the *Drosophila* eye. *Developmental cell*, 58(5), 416.

Williams AM, et al. (2022) Fat2 polarizes the WAVE complex in trans to align cell protrusions for collective migration. *eLife*, 11.

Feng S, et al. (2022) Transcription factor paralogs orchestrate alternative gene regulatory networks by context-dependent cooperation with multiple cofactors. *Nature communications*, 13(1), 3808.

Kumar A, et al. (2022) The CRL4 E3 ligase Mahjong/DCAF1 controls cell competition through the transcription factor Xrp1, independently of polarity genes. *Development (Cambridge, England)*, 149(22).

Schnute B, et al. (2022) Ubiquitylation is required for the incorporation of the Notch receptor into intraluminal vesicles to prevent prolonged and ligand-independent activation of the pathway. *BMC biology*, 20(1), 65.

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.

Blackie L, et al. (2021) A combination of Notch signaling, preferential adhesion and endocytosis induces a slow mode of cell intercalation in the *Drosophila* retina. *Development (Cambridge, England)*, 148(10).

Ready DF, et al. (2021) Calcium waves facilitate and coordinate the contraction of endfeet actin stress fibers in *Drosophila* interommatidial cells. *Development (Cambridge, England)*, 148(22).