

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 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: 20260826T175449+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 [dkNET](#) .

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).