

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[w\[1118\]; P{w\[+mC\]=UASp-GFP.E2f1.1-230}26
P{w\[+mC\]=UASp-mRFP1.NLS.CycB.1-266}4/CyO,
P{ry\[+t7.2\]=en1}wg\[en11\]; MKRS/TM6B, Tb\[1\]](#)

RRID:BDSC_55110

Type: Organism

Proper Citation

RRID:BDSC_55110

Organism Information

URL: <https://n2t.net/bdsc:55110>

Proper Citation: RRID:BDSC_55110

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UASp-GFP.E2f1.1-230}26 P{w[+mC]=UASp-mRFP1.NLS.CycB.1-266}4/CyO, P{ry[+t7.2]=en1}wg[en11]; MKRS/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: This a Fly-FUCCI system stock and can be used to study cell cycle phases. Donor: Bruce Edgar & Norman Zielke, Center for Molecular Biology of University of Heidelberg

Affected Gene: EcoIIacZ, en, wg, E2f1, UAS, CycB, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 55110

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55110, BL55110

Organism Name: w[1118]; P{w[+mC]=UASp-GFP.E2f1.1-230}26 P{w[+mC]=UASp-mRFP1.NLS.CycB.1-266}4/CyO, P{ry[+t7.2]=en1}wg[en11]; MKRS/TM6B, Tb[1]

Record Creation Time: 20240911T222831+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UASp-GFP.E2f1.1-230}26 P{w[+mC]=UASp-mRFP1.NLS.CycB.1-266}4/CyO, P{ry[+t7.2]=en1}wg[en11]; MKRS/TM6B, Tb[1].

No alerts have been found for w[1118]; P{w[+mC]=UASp-GFP.E2f1.1-230}26 P{w[+mC]=UASp-mRFP1.NLS.CycB.1-266}4/CyO, P{ry[+t7.2]=en1}wg[en11]; MKRS/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Zhang Q, et al. (2024) Ras promotes germline stem cell division in Drosophila ovaries. Stem cell reports, 19(8), 1205.

Sun J, et al. (2024) Two sequential gene expression programs bridged by cell division support long-distance collective cell migration. Development (Cambridge, England), 151(10).

Jansen G, et al. (2024) Tolerance thresholds underlie responses to DNA damage during germline development. Genes & development, 38(13-14), 631.

Zaytseva O, et al. (2023) Psi promotes Drosophila wing growth via direct transcriptional activation of cell cycle targets and repression of growth inhibitors. Development (Cambridge, England), 150(2).

Lei Y, et al. (2023) FGF signaling promotes spreading of fat body precursors necessary for adult adipogenesis in Drosophila. PLoS biology, 21(3), e3002050.

Macabenta F, et al. (2022) BMP-gated cell-cycle progression drives anoikis during mesenchymal collective migration. Developmental cell, 57(14), 1683.

Siddall NA, et al. (2022) MiMIC analysis reveals an isoform specific role for Drosophila Musashi in follicle stem cell maintenance and escort cell function. Cell death discovery, 8(1), 455.

Boulet M, et al. (2021) Characterization of the Drosophila Adult Hematopoietic System Reveals a Rare Cell Population With Differentiation and Proliferation Potential. Frontiers in

cell and developmental biology, 9, 739357.

Dong Q, et al. (2021) Glial Hedgehog signalling and lipid metabolism regulate neural stem cell proliferation in *Drosophila*. *EMBO reports*, 22(5), e52130.

Villa-Fombuena G, et al. (2021) Live imaging of the *Drosophila* ovarian niche shows spectrosome and centrosome dynamics during asymmetric germline stem cell division. *Development (Cambridge, England)*, 148(18).

Zhao S, et al. (2018) Autophagy Promotes Tumor-like Stem Cell Niche Occupancy. *Current biology : CB*, 28(19), 3056.