

Resource Summary Report

Generated by [ASWG](#) on Jul 31, 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 9 mentions in open access literature.

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

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).

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.

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.

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

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.