

Resource Summary Report

Generated by [ASWG](#) on Jul 30, 2026

[w\[1118\]; Kr\[If-1\]/CyO, P{ry\[+t7.2\]=en1}wg\[en11\]; P{w\[+mC\]=UAS-GFP.E2f1.1-230}26 P{w\[+mC\]=UAS-mRFP1.NLS.CycB.1-266}17/TM6B, Tb\[1\]](#)

RRID:BDSC_55122

Type: Organism

Proper Citation

RRID:BDSC_55122

Organism Information

URL: <https://n2t.net/bdsc:55122>

Proper Citation: RRID:BDSC_55122

Description: Drosophila melanogaster with name w[1118]; Kr[If-1]/CyO, P{ry[+t7.2]=en1}wg[en11]; P{w[+mC]=UAS-GFP.E2f1.1-230}26 P{w[+mC]=UAS-mRFP1.NLS.CycB.1-266}17/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

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

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

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 55122

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55122, BL55122

Organism Name: w[1118]; Kr[If-1]/CyO, P{ry[+t7.2]=en1}wg[en11]; P{w[+mC]=UAS-GFP.E2f1.1-230}26 P{w[+mC]=UAS-mRFP1.NLS.CycB.1-266}17/TM6B, Tb[1]

Record Creation Time: 20240911T222831+0000

Record Last Update: 20260725T195624+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; Kr[lf-1]/CyO, P{ry[+t7.2]=en1}wg[en11]; P{w[+mC]=UAS-GFP.E2f1.1-230}26 P{w[+mC]=UAS-mRFP1.NLS.CycB.1-266}17/TM6B, Tb[1].

No alerts have been found for w[1118]; Kr[lf-1]/CyO, P{ry[+t7.2]=en1}wg[en11]; P{w[+mC]=UAS-GFP.E2f1.1-230}26 P{w[+mC]=UAS-mRFP1.NLS.CycB.1-266}17/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Sui L, et al. (2026) Extracellular matrix restrains cell-cycle progression by nuclear exclusion of Yorkie in Drosophila. Current biology : CB, 36(2), 474.

Kharrat B, et al. (2025) A novel role for Hsc70-4 in blood cell differentiation in Drosophila. Frontiers in immunology, 16, 1641695.

Das P, et al. (2025) The Hox Gene, abdominal-A, controls the size and timely mitotic entry of neural stem cells during CNS patterning in Drosophila. Molecular biology of the cell, 36(11), ar130.

Goins LM, et al. (2024) Wnt signaling couples G2 phase control with differentiation during hematopoiesis in Drosophila. Developmental cell, 59(18), 2477.

Kharrat B, et al. (2024) Dual role for Headcase in hemocyte progenitor fate determination in Drosophila melanogaster. PLoS genetics, 20(10), e1011448.

Das P, et al. (2024) The Hox Gene, abdominal A controls timely mitotic entry of neural stem cell and their growth during CNS development in Drosophila. bioRxiv : the preprint server for biology.

Rass M, et al. (2022) The Drosophila functional Smad suppressing element fuss, a homologue of the human Skor genes, retains pro-oncogenic properties of the Ski/Sno family. PloS one, 17(1), e0262360.

Tang X, et al. (2022) Kinetic principles underlying pioneer function of GAGA transcription factor in live cells. *Nature structural & molecular biology*, 29(7), 665.

Davis JR, et al. (2022) ECM degradation in the *Drosophila* abdominal epidermis initiates tissue growth that ceases with rapid cell-cycle exit. *Current biology : CB*, 32(6), 1285.

Willms RJ, et al. (2020) Myt1 Kinase Couples Mitotic Cell Cycle Exit with Differentiation in *Drosophila*. *Cell reports*, 33(7), 108400.