Resource Summary Report

Generated by ASWG on Aug 23, 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, Ecol\lacZ, 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: 20260815T192056+0000

Ratings and Alerts

No rating or validation information has been found for 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].

No alerts have been found for 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].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Majhi O, et al. (2026) Superoxide dismutases maintain niche homeostasis in stem cell populations. eLife, 13.

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

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.

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

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

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

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.

Melamed D, et al. (2023) Spatial regulation of Drosophila ovarian Follicle Stem Cell division rates and cell cycle transitions. PLoS genetics, 19(9), e1010965.

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.