

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 3, 2026

[w\[*\]; P{y\[+t7.7\]
w\[+mC\]=mira\(KDRT.stop\)GAL4}attP40,
P{w\[+mC\]=tubP-GAL80\[ts\]}20; P{y\[+t7.7\]
w\[+mC\]=CG10116-KDR.PEST}attP2](#)

RRID:BDSC_91410

Type: Organism

Proper Citation

RRID:BDSC_91410

Organism Information

URL: <https://n2t.net/bdsc:91410>

Proper Citation: RRID:BDSC_91410

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7]
w[+mC]=mira(KDRT.stop)GAL4}attP40, P{w[+mC]=tubP-GAL80[ts]}20; P{y[+t7.7]
w[+mC]=CG10116-KDR.PEST}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: This stock was designed to allow GAL4 expression solely in intestinal stem cells and enteroblasts at 25 degrees C. Donor: Nicholas Sokol, Indiana University, Bloomington

Affected Gene: CG10116, KDR, GAL4, KDRT, mira, alphaTub84B, GAL80ts, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 91410

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_91410, BL91410

Organism Name: w[*]; P{y[+t7.7] w[+mC]=mira(KDRT.stop)GAL4}attP40,
P{w[+mC]=tubP-GAL80[ts]}20; P{y[+t7.7] w[+mC]=CG10116-KDR.PEST}attP2

Record Creation Time: 20240911T223419+0000

Record Last Update: 20260829T191209+0000

Ratings and Alerts

No rating or validation information has been found for $w[*]; P\{y[+t7.7]$
 $w[+mC]=mira(KDRT.stop)GAL4\}attP40$, $P\{w[+mC]=tubP-GAL80[ts]\}20$; $P\{y[+t7.7]$
 $w[+mC]=CG10116-KDR.PEST\}attP2$.

No alerts have been found for $w[*]; P\{y[+t7.7]$ $w[+mC]=mira(KDRT.stop)GAL4\}attP40$,
 $P\{w[+mC]=tubP-GAL80[ts]\}20$; $P\{y[+t7.7]$ $w[+mC]=CG10116-KDR.PEST\}attP2$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Medina AB, et al. (2025) Neuroendocrine control of intestinal regeneration through the vascular niche in Drosophila. Developmental cell.

Mukherjee S, et al. (2022) MicroRNA mediated regulation of the onset of enteroblast differentiation in the Drosophila adult intestine. Cell reports, 41(3), 111495.

Buddika K, et al. (2021) I-KCKT allows dissection-free RNA profiling of adult Drosophila intestinal progenitor cells. Development (Cambridge, England), 148(1).