

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[M{RFP\[3xP3.PB\] w\[+mC\]=3xGBE-GAL80}ZH-2A 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/TM6B, Tb\[+\]](#)

RRID:BDSC_91411

Type: Organism

Proper Citation

RRID:BDSC_91411

Organism Information

URL: <https://n2t.net/bdsc:91411>

Proper Citation: RRID:BDSC_91411

Description: Drosophila melanogaster with name M{RFP[3xP3.PB] w[+mC]=3xGBE-GAL80}ZH-2A 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/TM6B, Tb[+] from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: Ddc, E(spl)m8-HLH, GAL80, CG10116, KDR, GAL4, KDRT, mira, alphaTub84B, GAL80ts, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 91411

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_91411, BL91411

Organism Name: M{RFP[3xP3.PB] w[+mC]=3xGBE-GAL80}ZH-2A 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/TM6B, Tb[+]

Record Creation Time: 20240911T223419+0000

Record Last Update: 20260725T200322+0000

Ratings and Alerts

No rating or validation information has been found for M{RFP[3xP3.PB] w[+mC]=3xGBE-GAL80}ZH-2A 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/TM6B, Tb[+].

No alerts have been found for M{RFP[3xP3.PB] w[+mC]=3xGBE-GAL80}ZH-2A 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/TM6B, Tb[+].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Kurogi Y, et al. (2024) The intestinal stem cell/enteroblast-GAL4 driver, escargot-GAL4, also manipulates gene expression in the juvenile hormone-synthesizing organ of *Drosophila melanogaster*. *Scientific reports*, 14(1), 9631.

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