Resource Summary Report

Generated by T1D on Sep 19, 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, 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: 20260912T204738+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 3 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Rodr??guez-Cordero JA, et al. (2026) Peripheral modulation of Pumilio in intestinal stem cells and the corpus allatum affects sleep latency in Drosophila. PloS one, 21(4), e0337303.

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).