

Resource Summary Report

Generated by [dkNET](#) on Sep 10, 2026

[P{ry\[+t7.2\]=hsFLP}1, y\[1\] w\[*\] P{w\[+mC\]=UAS-mCD8::GFP.L}Ptp4E\[LL4\]; P{ry\[+t7.2\]=neoFRT}82B P{w\[+mC\]=tubP-GAL80}LL3/TM3, Sb\[1\]; P{w\[+mW.hs\]=GawB}OK107 ey\[OK107\]](#)

RRID:BDSC_44408

Type: Organism

Proper Citation

RRID:BDSC_44408

Organism Information

URL: <https://n2t.net/bdsc:44408>

Proper Citation: RRID:BDSC_44408

Description: Drosophila melanogaster with name P{ry[+t7.2]=hsFLP}1, y[1] w[*] P{w[+mC]=UAS-mCD8::GFP.L}Ptp4E[LL4]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=tubP-GAL80}LL3/TM3, Sb[1]; P{w[+mW.hs]=GawB}OK107 ey[OK107] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. Stock useful for making mitotic clones in the mushroom body. Donor: Tzumin Lee, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: ey, GAL4, FLP, Hsp70 (generic), FRT, alphaTub84B, GAL80, Avic\GFP, Ptp4E, UAS, Sb, w, y

Genomic Alteration: Chromosome 1, Chromosome 3, Chromosome 4

Catalog Number: 44408

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_44408, BDSC:44408, BL44408

Organism Name: P{ry[+t7.2]=hsFLP}1, y[1] w[*] P{w[+mC]=UAS-mCD8::GFP.L}Ptp4E[LL4]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=tubP-GAL80}LL3/TM3, Sb[1]; P{w[+mW.hs]=GawB}OK107 ey[OK107]

Record Creation Time: 20240911T222722+0000

Record Last Update: 20260905T140557+0000

Ratings and Alerts

No rating or validation information has been found for P{ry[+t7.2]=hsFLP}1, y[1] w[*] P{w[+mC]=UAS-mCD8::GFP.L}Ptp4E[LL4]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=tubP-GAL80}LL3/TM3, Sb[1]; P{w[+mW.hs]=GawB}OK107 ey[OK107].

No alerts have been found for P{ry[+t7.2]=hsFLP}1, y[1] w[*] P{w[+mC]=UAS-mCD8::GFP.L}Ptp4E[LL4]; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=tubP-GAL80}LL3/TM3, Sb[1]; P{w[+mW.hs]=GawB}OK107 ey[OK107].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Geng L, et al. (2025) The N^ε-acetyl-L-lysine/Loxl2/H₂O₂ promotes intestinal tumor growth in Drosophila and cell proliferation in human colorectal cancer. Cell reports, 44(8), 116126.

Li L, et al. (2025) dFlpTag, a RMCE-based tool for simultaneous endogenous protein tagging and cell labeling in Drosophila. Scientific reports, 15(1), 45542.

Rossi AM, et al. (2020) Extrinsic activin signaling cooperates with an intrinsic temporal program to increase mushroom body neuronal diversity. eLife, 9.

Ren S, et al. (2018) dTBC1D7 regulates systemic growth independently of TSC through insulin signaling. The Journal of cell biology, 217(2), 517.