

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[P{ry\[+t7.2\]=hsFLP}1, y\[1\] w\[*\] P{w\[+mC\]=UAS-mCD8::GFP.L}Ptp4E\[LL4\]; P{w\[+mC\]=tubP-GAL80}LL10 P{ry\[+t7.2\]=neoFRT}40A; P{w\[+mW.hs\]=GawB}OK107 ey\[OK107\]](#)

RRID:BDSC_44406

Type: Organism

Proper Citation

RRID:BDSC_44406

Organism Information

URL: <https://n2t.net/bdsc:44406>

Proper Citation: RRID:BDSC_44406

Description: Drosophila melanogaster with name P{ry[+t7.2]=hsFLP}1, y[1] w[*] P{w[+mC]=UAS-mCD8::GFP.L}Ptp4E[LL4]; P{w[+mC]=tubP-GAL80}LL10 P{ry[+t7.2]=neoFRT}40A; P{w[+mW.hs]=GawB}OK107 ey[OK107] from BDSC.

Species: Drosophila melanogaster

Notes: 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, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 4

Catalog Number: 44406

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_44406, BL44406

Organism Name: P{ry[+t7.2]=hsFLP}1, y[1] w[*] P{w[+mC]=UAS-mCD8::GFP.L}Ptp4E[LL4]; P{w[+mC]=tubP-GAL80}LL10 P{ry[+t7.2]=neoFRT}40A; P{w[+mW.hs]=GawB}OK107 ey[OK107]

Record Creation Time: 20240911T222722+0000

Record Last Update: 20260801T195343+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{w[+mC]=tubP-GAL80}LL10 P{ry[+t7.2]=neoFRT}40A; 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{w[+mC]=tubP-GAL80}LL10 P{ry[+t7.2]=neoFRT}40A; 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 3 mentions in open access literature.

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

Gao K, et al. (2025) Sensory receptor expansion and neural accommodation in butterfly color vision. bioRxiv : the preprint server for biology.

Gui J, et al. (2023) Simultaneous activation of Tor and suppression of ribosome biogenesis by TRIM-NHL proteins promotes terminal differentiation. Cell reports, 42(3), 112181.

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