

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

[P{ry\[+t7.2\]=hsFLP}12, y\[1\] w\[*\] P{w\[+mC\]=UAS-mCD8::GFP.L}Ptp4E\[LL4\]; betaTub60D\[Pin-1\]/CyO](#)

RRID:BDSC_28832

Type: Organism

Proper Citation

RRID:BDSC_28832

Organism Information

URL: <https://n2t.net/bdsc:28832>

Proper Citation: RRID:BDSC_28832

Description: Drosophila melanogaster with name P{ry[+t7.2]=hsFLP}12, y[1] w[*] P{w[+mC]=UAS-mCD8::GFP.L}Ptp4E[LL4]; betaTub60D[Pin-1]/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Liquan Luo, Stanford University

Affected Gene: betaTub60D, FLP, Hsp70 (generic), Avic\GFP, Ptp4E, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 28832

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_28832, BL28832

Organism Name: P{ry[+t7.2]=hsFLP}12, y[1] w[*] P{w[+mC]=UAS-mCD8::GFP.L}Ptp4E[LL4]; betaTub60D[Pin-1]/CyO

Record Creation Time: 20240911T222459+0000

Record Last Update: 20260826T175449+0000

Ratings and Alerts

No rating or validation information has been found for P{ry[+t7.2]=hsFLP}12, y[1] w[*] P{w[+mC]=UAS-mCD8::GFP.L}Ptp4E[LL4]; betaTub60D[Pin-1]/CyO.

No alerts have been found for P{ry[+t7.2]=hsFLP}12, y[1] w[*] P{w[+mC]=UAS-mCD8::GFP.L}Ptp4E[LL4]; betaTub60D[Pin-1]/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Chung PC, et al. (2026) Genetic network shaping Kenyon cell identity and function in Drosophila mushroom bodies. eLife, 14.

Mackay DJ, et al. (2025) Pvf1-Pvr-mediated crosstalk between trachea and gut guides intestinal stem cell migration to promote gut regeneration. Nature communications, 16(1), 8597.

Chung PC, et al. (2025) Genetic Network Shaping Kenyon Cell Identity and Function in Drosophila Mushroom Bodies. bioRxiv : the preprint server for biology.

Wang Y, et al. (2023) Glial Draper signaling triggers cross-neuron plasticity in bystander neurons after neuronal cell death. bioRxiv : the preprint server for biology.

Wang Y, et al. (2023) Glial Draper signaling triggers cross-neuron plasticity in bystander neurons after neuronal cell death in Drosophila. Nature communications, 14(1), 4452.

Lai YW, et al. (2022) Hormone-controlled changes in the differentiation state of post-mitotic neurons. Current biology : CB, 32(10), 2341.

Izadifar A, et al. (2021) Axon morphogenesis and maintenance require an evolutionary conserved safeguard function of Wnk kinases antagonizing Sarm and Axed. Neuron, 109(18), 2864.

Chai PC, et al. (2019) Sensory neuron lineage mapping and manipulation in the Drosophila olfactory system. Nature communications, 10(1), 643.

Marchetti G, et al. (2019) Modulators of hormonal response regulate temporal fate specification in the Drosophila brain. PLoS genetics, 15(12), e1008491.

Ni JD, et al. (2019) Differential regulation of the Drosophila sleep homeostat by circadian and arousal inputs. eLife, 8.

Bohra AA, et al. (2018) Identification of a Single Pair of Interneurons for Bitter Taste Processing in the Drosophila Brain. *Current biology* : CB, 28(6), 847.