

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

[P{ry\[+t7.2\]=hsFLP}12, y\[1\] w\[*\];
P{w\[+mW.hs\]=GawB}ap\[md544\]
P{w\[+mW.hs\]=GawB}ptc\[559.1\]/CyO,
P{w\[+mC\]=ActGFP}JMR1; P{w\[+mC\]=UAS-
TagBFP}9D](#)

RRID:BDSC_56807

Type: Organism

Proper Citation

RRID:BDSC_56807

Organism Information

URL: <https://n2t.net/bdsc:56807>

Proper Citation: RRID:BDSC_56807

Description: Drosophila melanogaster with name P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mW.hs]=GawB}ap[md544] P{w[+mW.hs]=GawB}ptc[559.1]/CyO, P{w[+mC]=ActGFP}JMR1; P{w[+mC]=UAS-TagBFP}9D from BDSC.

Species: Drosophila melanogaster

Notes: Expresses membrane-targeted BFP at the anterior-posterior boundary of wing discs under control of ptc-GAL4 and in the dorsal wing disc under control of ap-GAL4. Donor: Ken Irvine, Rutgers University, New Brunswick

Affected Gene: Act5C, Avic\GFP, ap, GAL4, ptc, FLP, Hsp70 (generic), EqualeqFP578, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 56807

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_56807, BL56807

Organism Name: P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mW.hs]=GawB}ap[md544] P{w[+mW.hs]=GawB}ptc[559.1]/CyO, P{w[+mC]=ActGFP}JMR1; P{w[+mC]=UAS-TagBFP}9D

Record Creation Time: 20240911T222847+0000

Record Last Update: 20260801T195532+0000

Ratings and Alerts

No rating or validation information has been found for P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mW.hs]=GawB}ap[md544] P{w[+mW.hs]=GawB}ptc[559.1]/CyO, P{w[+mC]=ActGFP}JMR1; P{w[+mC]=UAS-TagBFP}9D.

No alerts have been found for P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mW.hs]=GawB}ap[md544] P{w[+mW.hs]=GawB}ptc[559.1]/CyO, P{w[+mC]=ActGFP}JMR1; P{w[+mC]=UAS-TagBFP}9D.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 70 mentions in open access literature.

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

Hatori R, et al. (2026) Smoothened turnover regulated by Hedgehog signaling in Drosophila. bioRxiv : the preprint server for biology.

Rasouliha SH, et al. (2025) Shaping and interpretation of Dpp morphogen gradient by endocytic trafficking. PLoS genetics, 21(7), e1011766.

Sarkar B, et al. (2025) Regulation of Notch signaling by multiple Ankyrin repeat containing protein Mask. Cell communication and signaling : CCS, 23(1), 358.

Sew WQG, et al. (2025) Control of mitochondrial dynamics by the metabolic regulator dPGC1 limits Yorkie-induced oncogenic growth in Drosophila. PLoS biology, 23(12), e3003523.

Quinn JW, et al. (2025) A threshold level of JNK activates damage-responsive enhancers via JAK/STAT to promote tissue regeneration. Development (Cambridge, England), 152(20).

Aranjuez GF, et al. (2025) The N-terminus of the Chlamydia trachomatis effector Tarp engages the host Hippo pathway. *Microbiology spectrum*, 13(4), e0259624.

Klemm JW, et al. (2025) Regeneration following tissue necrosis is mediated by non-apoptotic caspase activity. *eLife*, 13.

Zhang Y, et al. (2025) Drosophila Dpp and BMP signaling directly regulates dpp transcription for optimal ligand production. *Development (Cambridge, England)*, 152(21).

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

Soulard M, et al. (2025) Elimination of cells with local mismatch in differentiation timing contributes to synchronize tissue development. *iScience*, 28(8), 113135.

Wang Q, et al. (2025) Targeting and anchoring the mechanosensitive ion channel Piezo to facilitate its inhibition of axon regeneration. *PLoS genetics*, 21(12), e1011968.

Tran NV, et al. (2024) Programmed disassembly of a microtubule-based membrane protrusion network coordinates 3D epithelial morphogenesis in Drosophila. *The EMBO journal*, 43(4), 568.

Nakato E, et al. (2024) Differential heparan sulfate dependency of the Drosophila glypicans. *The Journal of biological chemistry*, 300(1), 105544.

Verma D, et al. (2024) Regulation of Notch signaling by non-muscle myosin II Zipper in Drosophila. *Cellular and molecular life sciences : CMLS*, 81(1), 195.

Liu A, et al. (2024) Scaling between cell cycle duration and wing growth is regulated by Fat-Dachsous signaling in Drosophila. *eLife*, 12.

Sharma V, et al. (2024) E3 ubiquitin ligase Deltex facilitates the expansion of Wingless gradient and antagonizes Wingless signaling through a conserved mechanism of transcriptional effector Armadillo/ β -catenin degradation. *eLife*, 12.

Liu A, et al. (2024) Scaling between cell cycle duration and wing growth is regulated by Fat-Dachsous signaling in Drosophila. *bioRxiv : the preprint server for biology*.

Ell CM, et al. (2024) A genome-engineered tool set for Drosophila TGF- β /BMP signaling studies. *Development (Cambridge, England)*, 151(22).

Aranjuez GF, et al. (2024) The N-terminus of the Chlamydia trachomatis effector Tarp engages the host Hippo pathway. *bioRxiv : the preprint server for biology*.

Gao Y, et al. (2024) Ehbp1 orchestrates orderly sorting of Wnt/Wingless to the basolateral and apical cell membranes. *EMBO reports*, 25(11), 5053.