

Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

[P{ry\[+t7.2\]=hsFLP}12, y\[1\] w\[*\]; P{w\[+mC\]=UAS-GFP-Col4a1}2/SM6a; P{w\[+mC\]=GAL4-Act5C\(FRT.CD2\).P}S, P{w\[+mC\]=UAS-His-RFP}3/TM6B, Tb\[1\]](#)

RRID:BDSC_76361

Type: Organism

Proper Citation

RRID:BDSC_76361

Organism Information

URL: <https://n2t.net/bdsc:76361>

Proper Citation: RRID:BDSC_76361

Description: Drosophila melanogaster with name P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mC]=UAS-GFP-Col4a1}2/SM6a; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-His-RFP}3/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes on the 2nd and 3rd may be present. This stock, also known as M-TRAIL, allows for retrospective tracking of cell migration in vivo. Donor: David Bilder, University of California, Berkeley

Affected Gene: Act5C, FRT, GAL4, Rnor\CD2, FLP, Hsp70 (generic), Col4a1, UAS, His2A, Tb, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 76361

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_76361, BDSC:76361, BL76361

Organism Name: P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mC]=UAS-GFP-Col4a1}2/SM6a; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-His-RFP}3/TM6B, Tb[1]

Record Creation Time: 20240911T223152+0000

Record Last Update: 20260912T204429+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-GFP-Col4a1}2/SM6a; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-His-RFP}3/TM6B, Tb[1].

No alerts have been found for P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mC]=UAS-GFP-Col4a1}2/SM6a; P{w[+mC]=GAL4-Act5C(FRT.CD2).P}S, P{w[+mC]=UAS-His-RFP}3/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Sui L, et al. (2025) Protocol for long-term ex vivo cultivation and imaging of Drosophila imaginal discs. STAR protocols, 6(2), 103876.

Fic W, et al. (2021) RhoGAP19D inhibits Cdc42 laterally to control epithelial cell shape and prevent invasion. The Journal of cell biology, 220(4).