

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

[P{ry\[+t7.2\]=hsFLP}12, y\[1\] w\[*\]; P{w\[+mC\]=Rh6-GAL4.D}2](#)

RRID:BDSC_7459

Type: Organism

Proper Citation

RRID:BDSC_7459

Organism Information

URL: <https://n2t.net/bdsc:7459>

Proper Citation: RRID:BDSC_7459

Description: Drosophila melanogaster with name P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mC]=Rh6-GAL4.D}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO and/or TM2, TM6B. Donor: Claude Desplan, New York University

Affected Gene: FLP, Hsp70 (generic), GAL4, Rh6, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 7459

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7459, BDSC:7459, BL7459

Organism Name: P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mC]=Rh6-GAL4.D}2

Record Creation Time: 20240911T222209+0000

Record Last Update: 20260912T203135+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]=Rh6-GAL4.D}2.

No alerts have been found for P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mC]=Rh6-GAL4.D}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Roth H, et al. (2026) Regulatory changes underlying the evolution of skylight navigation. iScience, 29(7), 116313.

Schnaitmann C, et al. (2024) Horizontal-cell like Dm9 neurons in Drosophila modulate photoreceptor output to supply multiple functions in early visual processing. Frontiers in molecular neuroscience, 17, 1347540.

Lim-Kian-Siang G, et al. (2024) Neurexin-1-dependent circuit activity is required for the maintenance of photoreceptor subtype identity in Drosophila. Molecular brain, 17(1), 2.

Longden KD, et al. (2023) Different spectral sensitivities of ON- and OFF-motion pathways enhance the detection of approaching color objects in Drosophila. Nature communications, 14(1), 7693.

Xiao N, et al. (2023) A single photoreceptor splits perception and entrainment by cotransmission. Nature, 623(7987), 562.

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. Current biology : CB, 32(6), 1362.

Li MT, et al. (2018) Hub-organized parallel circuits of central circadian pacemaker neurons for visual photoentrainment in Drosophila. Nature communications, 9(1), 4247.