

# Resource Summary Report

Generated by [NIF](#) on Sep 17, 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## 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.