

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

[P{ry\[+t7.2\]=hsFLP}12, y\[1\] w\[*\]; P{w\[+mC\]=UAS-GFP.S65T}Myo31DF\[T2\] P{UAS-GFP.S65T}6458; P{w\[+mC\]=Act5C\(-FRT\)GAL4.Switch.PR}3/TM6B, Tb\[1\]](#)

RRID:BDSC_9431

Type: Organism

Proper Citation

RRID:BDSC_9431

Organism Information

URL: <https://n2t.net/bdsc:9431>

Proper Citation: RRID:BDSC_9431

Description: Drosophila melanogaster with name P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2] P{UAS-GFP.S65T}6458; P{w[+mC]=Act5C(-FRT)GAL4.Switch.PR}3/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: The presence of P{UAS-GFP.S65T}6458 is assumed, based on stock 1521 likely being a progenitor. Donor: Ken Irvine, Rutgers University, New Brunswick

Affected Gene: Act5C, FRT, GAL4::GS, FLP, Hsp70 (generic), Avic\GFP, UAS, Myo31DF, Tb, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 9431

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9431, BDSC:9431, BL9431

Organism Name: P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2] P{UAS-GFP.S65T}6458; P{w[+mC]=Act5C(-FRT)GAL4.Switch.PR}3/TM6B, Tb[1]

Record Creation Time: 20240911T222225+0000

Record Last Update: 20260912T203158+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.S65T}Myo31DF[T2] P{UAS-GFP.S65T}6458; P{w[+mC]=Act5C(-FRT)GAL4.Switch.PR}3/TM6B, Tb[1].

No alerts have been found for P{ry[+t7.2]=hsFLP}12, y[1] w[*]; P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2] P{UAS-GFP.S65T}6458; P{w[+mC]=Act5C(-FRT)GAL4.Switch.PR}3/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Rosa-Birriel C, et al. (2024) Medioapical contractile pulses coordinated between cells regulate Drosophila eye morphogenesis. *The Journal of cell biology*, 223(2).

Wilson KA, et al. (2024) OXR1 maintains the retromer to delay brain aging under dietary restriction. *Nature communications*, 15(1), 467.

Sharmin Z, et al. (2024) Cross-validation of chemical and genetic disruption approaches to inform host cellular effects on Wolbachia abundance in Drosophila. *Frontiers in microbiology*, 15, 1364009.

Coleman-Gosser N, et al. (2023) Continuous muscle, glial, epithelial, neuronal, and hemocyte cell lines for Drosophila research. *eLife*, 12.

Kaur P, et al. (2022) Combining stem cell rejuvenation and senescence targeting to synergistically extend lifespan. *Aging*, 14(20), 8270.

Fernandez-Acosta M, et al. (2022) orsai, the Drosophila homolog of human ETFRF1, links lipid catabolism to growth control. *BMC biology*, 20(1), 233.

Rowe L, et al. (2022) Ubiquitous Knockdown of Mettl3 using TRiP.GL01126 Results in Spermatid Mislocalization During Drosophila Spermatogenesis. *microPublication biology*, 2022.

Bonfini A, et al. (2021) Multiscale analysis reveals that diet-dependent midgut plasticity emerges from alterations in both stem cell niche coupling and enterocyte size. *eLife*, 10.

Wilson KA, et al. (2020) GWAS for Lifespan and Decline in Climbing Ability in Flies upon Dietary Restriction Reveal decima as a Mediator of Insulin-like Peptide Production. *Current biology : CB*, 30(14), 2749.

Rodriguez TP, et al. (2018) Defects in the Neuroendocrine Axis Contribute to Global Development Delay in a Drosophila Model of NGLY1 Deficiency. *G3 (Bethesda, Md.)*, 8(7), 2193.

Yoshioka Y, et al. (2012) Transcription factor NF-Y is involved in differentiation of R7 photoreceptor cell in Drosophila. *Biology open*, 1(1), 19.

Ninov N, et al. (2009) Dynamic control of cell cycle and growth coupling by ecdysone, EGFR, and PI3K signaling in Drosophila histoblasts. *PLoS biology*, 7(4), e1000079.