Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 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, 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: 20260725T194906+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 PRECISE-TBI .

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.