Resource Summary Report

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

Species: Drosophila melanogaster

Notes: Donor: Ken Irvine, Rutgers University, New Brunswick

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

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

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{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{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 8 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

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

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.

Aguilar-Aragon M, et al. (2020) The cytoskeletal motor proteins Dynein and MyoV direct apical transport of Crumbs. Developmental biology, 459(2), 126.

Fletcher GC, et al. (2018) Mechanical strain regulates the Hippo pathway in Drosophila. Development (Cambridge, England), 145(5).

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.

Grusche FA, et al. (2009) Sds22, a PP1 phosphatase regulatory subunit, regulates epithelial cell polarity and shape [Sds22 in epithelial morphology]. BMC developmental biology, 9, 14.