Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 18, 2025

w[1118]; P{w[+mC]=UAS-Ras85D.V12}TL1

RRID:BDSC_4847
Type: Organism

Proper Citation

RRID:BDSC_4847

Organism Information

URL: https://n2t.net/bdsc:4847

Proper Citation: RRID:BDSC_4847

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-Ras85D.V12}TL1 from BDSC.

Species: Drosophila melanogaster

Notes: We believe this stock is the same as stock 64195. Donor: Denise Montell, Johns Hopkins University School of Medicine

Affected Gene: Ras85D, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 4847

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:4847, BL4847

Organism Name: w[1118]; P{w[+mC]=UAS-Ras85D.V12}TL1

Record Creation Time: 20240911T222147+0000

Record Last Update: 20250420T053920+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-Ras85D.V12}TL1.

No alerts have been found for w[1118]; P{w[+mC]=UAS-Ras85D.V12}TL1.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Fischer F, et al. (2024) A mismatch in the expression of cell surface molecules induces tissue-intrinsic defense against aberrant cells. Current biology : CB, 34(5), 980.

Waghmare I, et al. (2024) A Tumor-Specific Molecular Network Promotes Tumor Growth in Drosophila by Enforcing a Jun N-Terminal Kinase-Yorkie Feedforward Loop. Cancers, 16(9).

Kwok SH, et al. (2024) Paraneoplastic renal dysfunction in fly cancer models driven by inflammatory activation of stem cells. bioRxiv : the preprint server for biology.

Kurogi Y, et al. (2024) The intestinal stem cell/enteroblast-GAL4 driver, escargot-GAL4, also manipulates gene expression in the juvenile hormone-synthesizing organ of Drosophila melanogaster. Scientific reports, 14(1), 9631.

Letizia A, et al. (2023) The TNFR Wengen regulates the FGF pathway by an unconventional mechanism. Nature communications, 14(1), 5874.

Cabrera AJH, et al. (2023) Remodeling of E-cadherin subcellular localization during cell dissemination. Molecular biology of the cell, 34(5), ar46.

Wang F, et al. (2023) Gliotransmission and adenosine signaling promote axon regeneration. Developmental cell, 58(8), 660.

Liu D, et al. (2022) WASH activation controls endosomal recycling and EGFR and Hippo signaling during tumor-suppressive cell competition. Nature communications, 13(1), 6243.

Liu X, et al. (2022) Microbes affect gut epithelial cell composition through immune-dependent regulation of intestinal stem cell differentiation. Cell reports, 38(13), 110572.

Greenspan LJ, et al. (2022) Activation of the EGFR/MAPK pathway drives transdifferentiation of quiescent niche cells to stem cells in the Drosophila testis niche. eLife, 11.

Al Hayek S, et al. (2021) Steroid-dependent switch of OvoL/Shavenbaby controls self-renewal versus differentiation of intestinal stem cells. The EMBO journal, 40(4), e104347.

Rackley B, et al. (2021) The level of oncogenic Ras determines the malignant transformation of Lkb1 mutant tissue in vivo. Communications biology, 4(1), 142.

Tamamouna V, et al. (2021) Remodelling of oxygen-transporting tracheoles drives intestinal regeneration and tumorigenesis in Drosophila. Nature cell biology, 23(5), 497.

Bairzin JCD, et al. (2020) The Hippo pathway coactivator Yorkie can reprogram cell fates and create compartment-boundary-like interactions at clone margins. Science advances, 6(50).

Sênos Demarco R, et al. (2020) EGFR Signaling Stimulates Autophagy to Regulate Stem Cell Maintenance and Lipid Homeostasis in the Drosophila Testis. Cell reports, 30(4), 1101.

Krautz R, et al. (2020) Tissue-autonomous immune response regulates stress signaling during hypertrophy. eLife, 9.

Lee J, et al. (2020) Dissemination of RasV12-transformed cells requires the mechanosensitive channel Piezo. Nature communications, 11(1), 3568.

Jin Z, et al. (2020) The Drosophila Ortholog of Mammalian Transcription Factor Sox9 Regulates Intestinal Homeostasis and Regeneration at an Appropriate Level. Cell reports, 31(8), 107683.

Kim AR, et al. (2019) TRiC/CCT chaperonins are essential for organ growth by interacting with insulin/TOR signaling in Drosophila. Oncogene, 38(24), 4739.

Tenedini FM, et al. (2019) Maintenance of cell type-specific connectivity and circuit function requires Tao kinase. Nature communications, 10(1), 3506.