Resource Summary Report

Generated by T1D on Sep 6, 2026

w[*]; P{w[+mC]=UAS-Raf.gof}F179

RRID:BDSC_2033
Type: Organism

Proper Citation

RRID:BDSC_2033

Organism Information

URL: https://n2t.net/bdsc:2033

Proper Citation: RRID:BDSC_2033

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-Raf.gof}F179 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Norbert Perrimon, Harvard Medical School

Affected Gene: Raf, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 2033

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_2033, BDSC:2033, BL2033

Organism Name: w[*]; P{w[+mC]=UAS-Raf.gof}F179

Record Creation Time: 20240911T222130+0000

Record Last Update: 20260905T135740+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-Raf.gof}F179.

No alerts have been found for w[*]; P{w[+mC]=UAS-Raf.gof}F179.

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 T1D .

Petsakou A, et al. (2026) Tumor-induced orexigenic imbalance lowers protein appetite and drives early organ wasting symptoms. Nature communications, 17(1).

Wang R, et al. (2025) Auxilin in enterocytes controls intestinal homeostasis through inter-cell communication. Cell death & disease, 16(1), 626.

Wu Y, et al. (2025) Drosophila and mouse intestinal stem cells are spatiotemporally specified by Notch suppression and Wnt activation. Science advances, 11(49), eady7272.

Sears JC, et al. (2025) PKA restricts ERK signaling in learning and memory Kenyon cell neurons. Cellular signalling, 132, 111818.

Turingan MJ, et al. (2024) Hypoxia delays steroid-induced developmental maturation in Drosophila by suppressing EGF signaling. PLoS genetics, 20(4), e1011232.

Pfefferkorn RM, et al. (2024) Recurrent Phases of Strict Protein Limitation Inhibit Tumor Growth and Restore Lifespan in A Drosophila Intestinal Cancer Model. Aging and disease, 15(1), 226.

Sears JC, et al. (2024) Use-Dependent, Untapped Dual Kinase Signaling Localized in Brain Learning Circuitry. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(12).

Deichsel S, et al. (2024) Numerous Serine/Threonine Kinases Affect Blood Cell Homeostasis in Drosophila melanogaster. Cells, 13(7).

Zhao J, et al. (2023) Genetic dissection of mutual interference between two consecutive learning tasks in Drosophila. eLife, 12.

Takakura M, et al. (2023) Differential second messenger signaling via dopamine neurons bidirectionally regulates memory retention. Proceedings of the National Academy of Sciences of the United States of America, 120(36), e2304851120.

Ren X, et al. (2022) Phosphorylation of Yun is required for stem cell proliferation and tumorigenesis. Cell proliferation, 55(5), e13230.

Mo H, et al. (2022) Age-related memory vulnerability to interfering stimuli is caused by gradual loss of MAPK-dependent protection in Drosophila. Aging cell, 21(6), e13628.

Br??s R, et al. (2021) Aneuploidy facilitates dysplastic and tumorigenic phenotypes in the Drosophila gut. Biology open, 10(11).

Spratford CM, et al. (2021) Intermediate progenitor cells provide a transition between hematopoietic progenitors and their differentiated descendants. Development (Cambridge, England), 148(24).

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

Sheng Z, et al. (2020) NatB regulates Rb mutant cell death and tumor growth by modulating EGFR/MAPK signaling through the N-end rule pathways. PLoS genetics, 16(6), e1008863.

Song W, et al. (2019) Tumor-Derived Ligands Trigger Tumor Growth and Host Wasting via Differential MEK Activation. Developmental cell, 48(2), 277.

Moreno E, et al. (2019) Competition for Space Induces Cell Elimination through Compaction-Driven ERK Downregulation. Current biology : CB, 29(1), 23.

Pyo JH, et al. (2018) Drosophila PEBP1 inhibits intestinal stem cell aging via suppression of ERK pathway. Oncotarget, 9(26), 17980.

Zhang X, et al. (2018) Active Protection: Learning-Activated Raf/MAPK Activity Protects Labile Memory from Rac1-Independent Forgetting. Neuron, 98(1), 142.