

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 19, 2025

[w\[*\]; P{w\[+mC\]=Egfr.2.A887T.UAS}8-2](#)

RRID:BDSC_9533

Type: Organism

Proper Citation

RRID:BDSC_9533

Organism Information

URL: <https://n2t.net/bdsc:9533>

Proper Citation: RRID:BDSC_9533

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Egfr.2.A887T.UAS}8-2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM6B, Tb[1]. Donor: Nicholas Baker, Albert Einstein College of Medicine

Affected Gene: Egfr, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 9533

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:9533, BL9533

Organism Name: w[*]; P{w[+mC]=Egfr.2.A887T.UAS}8-2

Record Creation Time: 20240911T222225+0000

Record Last Update: 20250331T210932+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Egfr.2.A887T.UAS}8-2.

No alerts have been found for w[*]; P{w[+mC]=Egfr.2.A887T.UAS}8-2.

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](#).

Clarke DN, et al. (2023) EGFR-dependent actomyosin patterning coordinates morphogenetic movements between tissues. bioRxiv : the preprint server for biology.

Zhang Q, et al. (2023) Phase separation of BuGZ regulates gut regeneration and aging through interaction with m6A regulators. Nature communications, 14(1), 6700.

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.

Proske A, et al. (2021) Low-protein diet applied as part of combination therapy or stand-alone normalizes lifespan and tumor proliferation in a model of intestinal cancer. Aging, 13(21), 24017.

Nászai M, et al. (2021) RAL GTPases mediate EGFR-driven intestinal stem cell proliferation and tumourigenesis. eLife, 10.

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

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.

Ruiz OE, et al. (2012) Drosophila Zpr1 (Zinc finger protein 1) is required downstream of both EGFR and FGFR signaling in tracheal subcellular lumen formation. PloS one, 7(9), e45649.