

Resource Summary Report

Generated by [kravitz2](#) on Aug 11, 2026

[w\[*\]; P{y\[+t7.7\]](#)

[w\[+mC\]=UAS\(FRT.mCherry\)ReaChR}su\(Hw\)attP5](#)

RRID:BDSC_53743

Type: Organism

Proper Citation

RRID:BDSC_53743

Organism Information

URL: <https://n2t.net/bdsc:53743>

Proper Citation: RRID:BDSC_53743

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7] w[+mC]=UAS(FRT.mCherry)ReaChR}su(Hw)attP5 from BDSC.

Species: Drosophila melanogaster

Notes: CyO may be present. Donor: David Anderson & Hidehiko Inagaki, California Institute of Technology

Affected Gene: FRT, ReaChR, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 53743

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_53743, BL53743

Organism Name: w[*]; P{y[+t7.7] w[+mC]=UAS(FRT.mCherry)ReaChR}su(Hw)attP5

Record Creation Time: 20240911T222818+0000

Record Last Update: 20260808T195056+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7]
w[+mC]=UAS(FRT.mCherry)ReaChR}su(Hw)attP5.

No alerts have been found for w[*]; P{y[+t7.7]
w[+mC]=UAS(FRT.mCherry)ReaChR}su(Hw)attP5.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Qin J, et al. (2024) Pharyngeal mechanosensory neurons control food swallow in *Drosophila melanogaster*. *eLife*, 12.

Issa AR, et al. (2022) A novel post-developmental role of the Hox genes underlies normal adult behavior. *Proceedings of the National Academy of Sciences of the United States of America*, 119(49), e2209531119.

Yang T, et al. (2021) A neural circuit integrates pharyngeal sensation to control feeding. *Cell reports*, 37(6), 109983.