

Resource Summary Report

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[w\[*\]; Tl{w\[+mW.hs\]=Tl}Ir25a\[2\]/CyO](#)

RRID:BDSC_41737

Type: Organism

Proper Citation

RRID:BDSC_41737

Organism Information

URL: <https://n2t.net/bdsc:41737>

Proper Citation: RRID:BDSC_41737

Description: Drosophila melanogaster with name w[*]; Tl{w[+mW.hs]=Tl}Ir25a[2]/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Richard Benton, University of Lausanne

Affected Gene: Ir25a, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 41737

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:41737, BL41737

Organism Name: w[*]; Tl{w[+mW.hs]=Tl}Ir25a[2]/CyO

Record Creation Time: 20240911T222657+0000

Record Last Update: 20250420T055413+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; Tl{w[+mW.hs]=Tl}Ir25a[2]/CyO.

No alerts have been found for w[*]; Tl{w[+mW.hs]=Tl}Ir25a[2]/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Long T, et al. (2024) Odorant receptor co-receptors affect expression of tuning receptors in Drosophila. *Frontiers in cellular neuroscience*, 18, 1390557.

Dweck HKM, et al. (2023) Diverse mechanisms of taste coding in Drosophila. *Science advances*, 9(46), eadj7032.

Li X, et al. (2023) Taste coding of heavy metal ion-induced avoidance in Drosophila. *iScience*, 26(5), 106607.

Dweck HKM, et al. (2022) Ir56b is an atypical ionotropic receptor that underlies appetitive salt response in Drosophila. *Current biology : CB*, 32(8), 1776.

Omelchenko AA, et al. (2022) Cool and warm ionotropic receptors control multiple thermotaxes in Drosophila larvae. *Frontiers in molecular neuroscience*, 15, 1023492.

Task D, et al. (2022) Chemoreceptor co-expression in Drosophila melanogaster olfactory neurons. *eLife*, 11.

Vulpe A, et al. (2021) An ammonium transporter is a non-canonical olfactory receptor for ammonia. *Current biology : CB*, 31(15), 3382.

Vulpe A, et al. (2021) Ir76b is a Co-receptor for Amine Responses in Drosophila Olfactory Neurons. *Frontiers in cellular neuroscience*, 15, 759238.

Li Q, et al. (2020) Temperature and Sweet Taste Integration in Drosophila. *Current biology : CB*, 30(11), 2051.

Budelli G, et al. (2019) Ionotropic Receptors Specify the Morphogenesis of Phasic Sensors Controlling Rapid Thermal Preference in *Drosophila*. *Neuron*, 101(4), 738.

Chen HL, et al. (2019) Molecular control limiting sensitivity of sweet taste neurons in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 116(40), 20158.

Lei J, et al. (2019) Honey Bee Parasitic Mite Contains the Sensilla-Rich Sensory Organ on the Foreleg Tarsus Expressing Ionotropic Receptors With Conserved Functions. *Frontiers in physiology*, 10, 556.

Tsao CH, et al. (2018) *Drosophila* mushroom bodies integrate hunger and satiety signals to control innate food-seeking behavior. *eLife*, 7.

Knecht ZA, et al. (2017) Ionotropic Receptor-dependent moist and dry cells control hygrosensation in *Drosophila*. *eLife*, 6.

Chen Y, et al. (2017) Ionotropic Receptors Mediate *Drosophila* Oviposition Preference through Sour Gustatory Receptor Neurons. *Current biology : CB*, 27(18), 2741.