

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

[w\[*\]; P{w\[+mC\]=Ir25a-GAL4.A}236.1; TM2/TM6B, Tb\[1\]](#)

RRID:BDSC_41728

Type: Organism

Proper Citation

RRID:BDSC_41728

Organism Information

URL: <https://n2t.net/bdsc:41728>

Proper Citation: RRID:BDSC_41728

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Ir25a-GAL4.A}236.1; TM2/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Richard Benton, University of Lausanne

Affected Gene: GAL4, Ir25a, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 41728

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41728, BL41728

Organism Name: w[*]; P{w[+mC]=Ir25a-GAL4.A}236.1; TM2/TM6B, Tb[1]

Record Creation Time: 20240911T222657+0000

Record Last Update: 20260725T195432+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Ir25a-GAL4.A}236.1; TM2/TM6B, Tb[1].

No alerts have been found for w[*]; P{w[+mC]=Ir25a-GAL4.A}236.1; TM2/TM6B, Tb[1].

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 [RRID](#) .

Easwaran S, et al. (2025) A genome-wide association study implicates the olfactory system in *Drosophila melanogaster* diapause-associated lifespan extension and fecundity. *eLife*, 13.

Deng X, et al. (2025) Monoacylglycerol acyltransferase maintains ionotropic receptor expression for cool temperature sensing and avoidance in *Drosophila*. *Communications biology*, 8(1), 765.

Lu S, et al. (2024) Mechanisms of gas sensing by internal sensory neurons in *Drosophila* larvae. *bioRxiv : the preprint server for biology*.

Cui X, et al. (2024) A gut-brain-gut interoceptive circuit loop gates sugar ingestion in *Drosophila*. *bioRxiv : the preprint server for biology*.

Mabuchi Y, et al. (2023) Visual feedback neurons fine-tune *Drosophila* male courtship via GABA-mediated inhibition. *Current biology : CB*, 33(18), 3896.

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

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

Israel S, et al. (2022) Olfactory stimuli and moonwalker SEZ neurons can drive backward locomotion in *Drosophila*. *Current biology : CB*, 32(5), 1131.

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

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. *Current biology : CB*, 32(6), 1362.

Chen YD, et al. (2021) Control of sugar and amino acid feeding via pharyngeal taste neurons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(27), 5791.

Alpert MH, et al. (2020) A Circuit Encoding Absolute Cold Temperature in *Drosophila*. *Current biology : CB*, 30(12), 2275.

Chen YD, et al. (2019) Combinatorial Pharyngeal Taste Coding for Feeding Avoidance in Adult *Drosophila*. *Cell reports*, 29(4), 961.

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.

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

Kacsoh BZ, et al. (2018) *Drosophila* species learn dialects through communal living. *PLoS genetics*, 14(7), e1007430.

Sun JS, et al. (2018) Humidity response depends on the small soluble protein Obp59a in *Drosophila*. *eLife*, 7.

Depetris-Chauvin A, et al. (2017) Olfactory detection of a bacterial short-chain fatty acid acts as an orexigenic signal in *Drosophila melanogaster* larvae. *Scientific reports*, 7(1), 14230.

Rist A, et al. (2017) A map of sensilla and neurons in the taste system of *drosophila* larvae. *The Journal of comparative neurology*, 525(18), 3865.

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