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.

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

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

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.