# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 7, 2025

## w[*]; P{w[+mC]=UAS-Hsap\KCNJ2.EGFP}7

RRID:BDSC_6595
Type: Organism

### Proper Citation

RRID:BDSC_6595

### Organism Information

**URL:** https://n2t.net/bdsc:6595

**Proper Citation:** RRID:BDSC_6595

**Description:** Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-Hsap\KCNJ2.EGFP}7 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** May be segregating TM3, Sb[1]. Donor: Sean Sweeney, University of Cambridge

**Affected Gene:** Kir2.1, UAS, w

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 6595

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC:6595, BL6595

**Organism Name:** w[*]; P{w[+mC]=UAS-Hsap\KCNJ2.EGFP}7

**Record Creation Time:** 20240911T222201+0000

**Record Last Update:** 20250331T210805+0000

## Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-Hsap\KCNJ2.EGFP}7.

No alerts have been found for w[*]; P{w[+mC]=UAS-Hsap\KCNJ2.EGFP}7.

## Data and Source Information

**Source:** Integrated Animals

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

## Usage and Citation Metrics

We found 46 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.


Kimura KI, et al. (2024) Activin is a neural inducer of a male-specific muscle in Drosophila. Scientific reports, 14(1), 3740.

Pandey P, et al. (2024) Avoiding alkaline taste through ionotropic receptors. iScience, 27(6), 110087.

Li J, et al. (2024) The function of juvenile-adult transition axis in female sexual receptivity of Drosophila melanogaster. eLife, 12.

Asefa WR, et al. (2024) Molecular and cellular basis of sodium sensing in Drosophila labellum. iScience, 27(7), 110248.

Lee M, et al. (2024) Drosophila HCN mediates gustatory homeostasis by preserving sensillar transepithelial potential in sweet environments. eLife, 13.

Sang J, et al. (2024) A single pair of pharyngeal neurons functions as a commander to reject high salt in Drosophila melanogaster. eLife, 12.

Karkali K, et al. (2023) Puckered and JNK signaling in pioneer neurons coordinates the motor activity of the Drosophila embryo. Nature communications, 14(1), 8186.

Verschut TA, et al. (2023) Aggregation pheromones have a non-linear effect on oviposition behavior in Drosophila melanogaster. Nature communications, 14(1), 1544.

Mayseless O, et al. (2023) Neuronal excitability as a regulator of circuit remodeling. Current biology : CB, 33(5), 981.

Bailly TPM, et al. (2023) Social modulation of oogenesis and egg laying in Drosophila

melanogaster. Current biology : CB, 33(14), 2865.

Kasturacharya N, et al. (2023) A STIM dependent dopamine-neuropeptide axis maintains the larval drive to feed and grow in Drosophila. PLoS genetics, 19(6), e1010435.

Duan W, et al. (2023) A Visual Pathway into Central Complex for High-Frequency Motion-Defined Bars in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(26), 4821.

Larnerd C, et al. (2023) Rapid and Chronic Ethanol Tolerance Are Composed of Distinct Memory-Like States in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(12), 2210.

Deere JU, et al. (2023) Selective integration of diverse taste inputs within a single taste modality. eLife, 12.

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

Jouandet GC, et al. (2023) Rapid threat assessment in the Drosophila thermosensory system. Nature communications, 14(1), 7067.

Sten TH, et al. (2023) Male-male interactions shape mate selection in Drosophila. bioRxiv : the preprint server for biology.

Li K, et al. (2023) Belly roll, a GPI-anchored Ly6 protein, regulates Drosophila melanogaster escape behaviors by modulating the excitability of nociceptive peptidergic interneurons. eLife, 12.

Sorkaç A, et al. (2022) Circuit analysis reveals a neural pathway for light avoidance in Drosophila larvae. Nature communications, 13(1), 5274.

Losada-Pérez M, et al. (2022) Synaptic components are required for glioblastoma progression in Drosophila. PLoS genetics, 18(7), e1010329.