

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[w\[*\]; P{w\[+mC\]=Piezo-GAL4.1.0}IIA; MKRS/TM6B, Tb\[1\]](#)

RRID:BDSC_58771

Type: Organism

Proper Citation

RRID:BDSC_58771

Organism Information

URL: <https://n2t.net/bdsc:58771>

Proper Citation: RRID:BDSC_58771

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=Piezo-GAL4.1.0}IIA; MKRS/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Abhishek Chadha & Boaz Cook, Scripps Research Institute

Affected Gene: GAL4, Piezo, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 58771

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_58771, BL58771

Organism Name: w[*]; P{w[+mC]=Piezo-GAL4.1.0}IIA; MKRS/TM6B, Tb[1]

Record Creation Time: 20240911T222906+0000

Record Last Update: 20260815T192141+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=Piezo-GAL4.1.0}IIA; MKRS/TM6B, Tb[1].

No alerts have been found for w[*]; P{w[+mC]=Piezo-GAL4.1.0}IIA; MKRS/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Schoofs A, et al. (2024) Serotonergic modulation of swallowing in a complete fly vagus nerve connectome. *Current biology* : CB, 34(19), 4495.

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

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

McKelvey EGZ, et al. (2021) *Drosophila* females receive male substrate-borne signals through specific leg neurons during courtship. *Current biology* : CB, 31(17), 3894.

Shao L, et al. (2019) A Neural Circuit Encoding the Experience of Copulation in Female *Drosophila*. *Neuron*, 102(5), 1025.

He L, et al. (2019) In vivo study of gene expression with an enhanced dual-color fluorescent transcriptional timer. *eLife*, 8.