

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[w\[*\]; PBac{w\[+mC\]=WHr}orb2\[36\]/TM3,
P{w\[+mC\]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3,
Sb\[1\] Ser\[1\]](#)

RRID:BDSC_58479

Type: Organism

Proper Citation

RRID:BDSC_58479

Organism Information

URL: <https://n2t.net/bdsc:58479>

Proper Citation: RRID:BDSC_58479

Description: Drosophila melanogaster with name w[*]; PBac{w[+mC]=WHr}orb2[36]/TM3, P{w[+mC]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3, Sb[1] Ser[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Paul Schedl, Princeton University

Affected Gene: orb2, GAL4, twi, Avic\GFP, UAS, Sb, Ser, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 58479

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_58479, BDSC:58479, BL58479

Organism Name: w[*]; PBac{w[+mC]=WHr}orb2[36]/TM3, P{w[+mC]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3, Sb[1] Ser[1]

Record Creation Time: 20240911T222903+0000

Record Last Update: 20260912T204048+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; PBac{w[+mC]=WHR}orb2[36]/TM3, P{w[+mC]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3, Sb[1] Ser[1].

No alerts have been found for w[*]; PBac{w[+mC]=WHR}orb2[36]/TM3, P{w[+mC]=GAL4-twi.G}2.3, P{UAS-2xEGFP}AH2.3, Sb[1] Ser[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Hailstock T, et al. (2026) Orb2 RNA-binding activity promotes neural stem cell development and brain growth in Drosophila larvae. Cell reports, 45(7), 117680.

Low TCH, et al. (2026) The C-terminal ZZ domain of the Drosophila ORB2 RNA-binding protein is required for spermatid individualization. G3 (Bethesda, Md.), 16(1).

Hailstock T, et al. (2025) The CPEB ortholog Orb2 regulates brain size through the TRIM-NHL RNA-binding protein, Brain tumor. bioRxiv : the preprint server for biology.

Fang J, et al. (2022) Orb-dependent polyadenylation contributes to PLP expression and centrosome scaffold assembly. Development (Cambridge, England), 149(13).

Gilmutdinov R, et al. (2021) The 3'UTR of the Drosophila CPEB translation factor gene orb2 plays a crucial role in spermatogenesis. Development (Cambridge, England), 148(17).