

Resource Summary Report

Generated by [dkNET](#) on Aug 12, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=R21D03-p65.AD}attP40;
P{y\[+t7.7\] w\[+mC\]=R65C12-GAL4.DBD}attP2](#)

RRID:BDSC_68356

Type: Organism

Proper Citation

RRID:BDSC_68356

Organism Information

URL: <https://n2t.net/bdsc:68356>

Proper Citation: RRID:BDSC_68356

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=R21D03-p65.AD}attP40; P{y[+t7.7] w[+mC]=R65C12-GAL4.DBD}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: This is Janelia line OL0005B, from Wu et al., 2016 (<https://doi.org/10.7554/eLife.21022>). May be segregating CyO. Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: nAChRalpha6, p65(AD)::Zip+, GAL4(DBD)::Zip-, NPFR, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 68356

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_68356, BL68356

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=R21D03-p65.AD}attP40; P{y[+t7.7] w[+mC]=R65C12-GAL4.DBD}attP2

Record Creation Time: 20240911T223039+0000

Record Last Update: 20260808T195352+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=R21D03-p65.AD}attP40; P{y[+t7.7] w[+mC]=R65C12-GAL4.DBD}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=R21D03-p65.AD}attP40; P{y[+t7.7] w[+mC]=R65C12-GAL4.DBD}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Orozco Ramirez D, et al. (2025) A Single NPFR Neuropeptide F Receptor Neuron That Regulates Thirst Behaviors in Drosophila. eNeuro, 12(10).

Shomar JW, et al. (2025) Visual circuitry for distance estimation in Drosophila. Current biology : CB, 35(21), 5136.

Nern A, et al. (2024) Connectome-driven neural inventory of a complete visual system. bioRxiv : the preprint server for biology.

St??dele C, et al. (2020) Non-canonical Receptive Field Properties and Neuromodulation of Feature-Detecting Neurons in Flies. Current biology : CB, 30(13), 2508.