

Resource Summary Report

Generated by [ASWG](#) on Aug 24, 2026

w[1118]; Wnt4[C1]/CyO

RRID:BDSC_6651

Type: Organism

Proper Citation

RRID:BDSC_6651

Organism Information

URL: <https://n2t.net/bdsc:6651>

Proper Citation: RRID:BDSC_6651

Description: Drosophila melanogaster with name w[1118]; Wnt4[C1]/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Betsy Wilder, University of Pennsylvania, Perelman School of Medicine

Affected Gene: Wnt4, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 6651

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6651, BL6651

Organism Name: w[1118]; Wnt4[C1]/CyO

Record Creation Time: 20240911T222202+0000

Record Last Update: 20260815T191252+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; Wnt4[C1]/CyO.

No alerts have been found for w[1118]; Wnt4[C1]/CyO.

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 [ASWG](#) .

Thyagarajan P, et al. (2025) Endocytosis of Wnt ligands from surrounding epithelial cells positions microtubule nucleation sites at dendrite branch points. PLoS biology, 23(1), e3002973.

Takagi S, et al. (2025) Segment-specific axon guidance by Wnt/Fz signaling diversifies motor commands in Drosophila larvae. eLife, 13.

Jetti SK, et al. (2023) Molecular logic of synaptic diversity between Drosophila tonic and phasic motoneurons. Neuron, 111(22), 3554.

Lee WH, et al. (2020) A Genetic Screen Links the Disease-Associated Nab2 RNA-Binding Protein to the Planar Cell Polarity Pathway in Drosophila melanogaster. G3 (Bethesda, Md.), 10(10), 3575.

Upadhyay M, et al. (2018) A switch in the mode of Wnt signaling orchestrates the formation of germline stem cell differentiation niche in Drosophila. PLoS genetics, 14(1), e1007154.

Ripp C, et al. (2018) Drosophila Ror is a nervous system-specific co-receptor for Wnt ligands. Biology open, 7(11).