

Resource Summary Report

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

[w\[1118\]; Df\(3L\)ED4421,
P{w\[+mW.Scer\FRT.hs3\]=3'.RS5+3.3'}ED4421/TM6C,
cu\[1\] Sb\[1\]](#)

RRID:BDSC_8066

Type: Organism

Proper Citation

RRID:BDSC_8066

Organism Information

URL: <https://n2t.net/bdsc:8066>

Proper Citation: RRID:BDSC_8066

Description: Drosophila melanogaster with name w[1118]; Df(3L)ED4421, P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED4421/TM6C, cu[1] Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: DrosDel Project

Affected Gene: cu, Acbp5, Argk1, Argk2, asRNA:CR43481, asRNA:CR45871, bol, CG13306, CG13308, CG13309, CG13310, CG13311, CG13312, CG13313, CG13314, CG13315, CG32023, CG32024, CG32026, CG32032, CG32040, CG34426, CG34427, CG34456, CG43169, CG43783, CG4452, CG4456, CG4461, CG4476, CG4477, CG4483, CG4911, CG4942, CG5021, CG5026, CG5068, CG5087, CG5194, CG5280, CG5644, CG5653, CG6576, CR46432, dally, Dhpr, Doc1, Doc2, Doc3, Fdx1, Fhos, Galk, GluRIB, GNBP3, Hsp22, Hsp23, Hsp26, Hsp67Ba, Hsp67Bc, Klp67A, lncRNA:CR43970, lncRNA:CR44527, lncRNA:CR45408, lncRNA:CR45823, lncRNA:CR46451, Mcm7, mfr, mir-4940, mRpl12, mRRF1, nwk, orb2, Pdxk, PGRP-LA, PGRP-LC, PGRP-LF, pix, Rdl, Slc45-1, smg, Srp68, Svip, teq, tRNA:Thr-AGT-3-1Psi, TrpA1, Tsp66E, Ugp, Use1, ValRS-m, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 8066

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8066, BL8066

Organism Name: w[1118]; Df(3L)ED4421,
P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED4421/TM6C, cu[1] Sb[1]

Record Creation Time: 20240911T222213+0000

Record Last Update: 20260815T191305+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; Df(3L)ED4421,
P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED4421/TM6C, cu[1] Sb[1].

No alerts have been found for w[1118]; Df(3L)ED4421,
P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED4421/TM6C, cu[1] Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Ribeiro V, et al. (2026) Genome-wide screen for deficiencies modifying Cyclin G-induced developmental instability in *Drosophila melanogaster*. *Genetics*, 232(3).

Liu G, et al. (2026) *Drosophila* host defense mechanisms against filamentous fungal pathogens with diverse lifestyles. *PLoS pathogens*, 22(3), e1013995.

Sanfilippo P, et al. (2024) Mapping of multiple neurotransmitter receptor subtypes and distinct protein complexes to the connectome. *Neuron*, 112(6), 942.

Sanfilippo P, et al. (2023) Mapping of multiple neurotransmitter receptor subtypes and distinct protein complexes to the connectome. *bioRxiv : the preprint server for biology*.

Simões JM, et al. (2021) Robustness and plasticity in *Drosophila* heat avoidance. *Nature communications*, 12(1), 2044.

Sawyer JK, et al. (2020) Exploiting codon usage identifies intensity-specific modifiers of Ras/MAPK signaling in vivo. *PLoS genetics*, 16(12), e1009228.

Li X, et al. (2020) The Mediator CDK8-Cyclin C complex modulates Dpp signaling in *Drosophila* by stimulating Mad-dependent transcription. *PLoS genetics*, 16(5), e1008832.

Espinoza CY, et al. (2020) Detecting New Allies: Modifier Screen Identifies a Genetic Interaction Between Imaginal disc growth factor 3 and combover, a Rho-kinase Substrate, During Dorsal Appendage Tube Formation in *Drosophila*. *G3* (Bethesda, Md.), 10(10), 3585.

Hope KA, et al. (2019) A genome-wide enhancer/suppressor screen for Dube3a interacting genes in *Drosophila melanogaster*. *Scientific reports*, 9(1), 2382.

Mehsen H, et al. (2018) PP2A-B55 promotes nuclear envelope reformation after mitosis in *Drosophila*. *The Journal of cell biology*, 217(12), 4106.