

Resource Summary Report

Generated by [Kravitz](#) on Sep 14, 2026

[w\[1118\]; Df\(2R\)ED1612,
P{w\[+mW.Scer\FRT.hs3\]=3'.RS5+3.3'}ED1612/SM6a](#)

RRID:BDSC_8045

Type: Organism

Proper Citation

RRID:BDSC_8045

Organism Information

URL: <https://n2t.net/bdsc:8045>

Proper Citation: RRID:BDSC_8045

Description: Drosophila melanogaster with name w[1118]; Df(2R)ED1612, P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED1612/SM6a from BDSC.

Species: Drosophila melanogaster

Notes: Donor: DrosDel Project

Affected Gene: Adf1, Ar4, asRNA:CR44165, asRNA:CR44169, Bap170, bin3, CG15233, CG15236, CG15237, CG15908, CG15909, CG17002, CG17266, CG30156, CG30158, CG30160, CG3270, CG3358, CG33914, CG33919, CG3420, CG34215, CG43646, CG43647, CG45092, CG9445, CG9447, CheB42a, CheB42b, CheB42c, chk, Coq10, coro, CR12842, CR42785, Cyp6u1, Debcl, Dpit47, Eb1, Epac, Fmo2, geminin, hlk, Hsepi, jing, koi, lbm, lncRNA:CR43611, lncRNA:CR43905, lncRNA:CR44164, lncRNA:CR44166, lncRNA:CR44170, lncRNA:CR44171, lncRNA:CR44172, lncRNA:CR44442, lncRNA:CR45127, lncRNA:CR45128, lncRNA:CR46075, Mccc2, mim, mir-4975, mir-4976, Miso1, Mob4, Opbp, PGAP3, phtf, Pld, ppk25, Rab2, Rpp25, sced, SdhB, sisRNA:CR46361, Spn42Da, Spn42Db, Spn42Dc, Spn42Dd, Spn42De, Tdc1, Tdc2, tomboy40, Trap1, tRNA:Lys-CTT-1-6, tRNA:Lys-CTT-1-7, tRNA:Lys-CTT-1-8, tRNA:Lys-CTT-1-9, Tsp42Ea, Tsp42Eb, Tsp42Ec, Tsp42Ed, Tsp42Ee, Tsp42Ef, Tsp42Eg, Tsp42Eh, Tsp42Ei, Tsp42Ej, Tsp42Ek, Tsp42El, ubl, Ufsp1, Vha16-1, vimar, Zip42C.1, Zip42C.2, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8045

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8045, BDSC:8045, BL8045

Organism Name: w[1118]; Df(2R)ED1612,
P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED1612/SM6a

Record Creation Time: 20240911T222213+0000

Record Last Update: 20260912T203141+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; Df(2R)ED1612,
P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED1612/SM6a.

No alerts have been found for w[1118]; Df(2R)ED1612,
P{w[+mW.Scer\FRT.hs3]=3'.RS5+3.3'}ED1612/SM6a.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

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

Marion SB, et al. (2026) Transposable elements contribute substantially to naturally occurring genetic lethality in *Drosophila melanogaster*. *PLoS biology*, 24(3), e3003467.

Santos IB, et al. (2023) Mob4 is essential for spermatogenesis in *Drosophila melanogaster*. *Genetics*, 224(4).

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.

Fogerson SM, et al. (2020) Identifying Key Genetic Regions for Cell Sheet Morphogenesis on Chromosome 2L Using a *Drosophila* Deficiency Screen in Dorsal Closure. *G3 (Bethesda, Md.)*, 10(11), 4249.

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.