

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[y\[d2\] w\[1118\] P{ry\[+t7.2\]=ey-FLP.N}2 P{5xgIBS-lacZ.38-1}TPN1; l\(2\)cl-L3\[1\] P{w\[+m*\] ry\[+t7.2\]=white-un1}30C P{ry\[+t7.2\]=neoFRT}40A/CyO, y\[+\]](#)

RRID:BDSC_5622

Type: Organism

Proper Citation

RRID:BDSC_5622

Organism Information

URL: <https://n2t.net/bdsc:5622>

Proper Citation: RRID:BDSC_5622

Description: Drosophila melanogaster with name y[d2] w[1118] P{ry[+t7.2]=ey-FLP.N}2 P{5xgIBS-lacZ.38-1}TPN1; l(2)cl-L3[1] P{w[+m*] ry[+t7.2]=white-un1}30C P{ry[+t7.2]=neoFRT}40A/CyO, y[+] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Barry Dickson, Research Institute of Molecular Pathology

Affected Gene: l(2)cl-L3, EcoIIacZ, GMR, ey, FLP, FRT, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 5622

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5622, BL5622

Organism Name: y[d2] w[1118] P{ry[+t7.2]=ey-FLP.N}2 P{5xgIBS-lacZ.38-1}TPN1; l(2)cl-L3[1] P{w[+m*] ry[+t7.2]=white-un1}30C P{ry[+t7.2]=neoFRT}40A/CyO, y[+]

Record Creation Time: 20240911T222154+0000

Record Last Update: 20260725T194826+0000

Ratings and Alerts

No rating or validation information has been found for y[d2] w[1118] P{ry[+t7.2]=ey-FLP.N}2 P{5xglBS-lacZ.38-1}TPN1; l(2)cl-L3[1] P{w[+m*] ry[+t7.2]=white-un1}30C P{ry[+t7.2]=neoFRT}40A/CyO, y[+].

No alerts have been found for y[d2] w[1118] P{ry[+t7.2]=ey-FLP.N}2 P{5xglBS-lacZ.38-1}TPN1; l(2)cl-L3[1] P{w[+m*] ry[+t7.2]=white-un1}30C P{ry[+t7.2]=neoFRT}40A/CyO, y[+].

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 [NIF](#) .

Harris R, et al. (2025) Genetic Mapping and Phenotypic Characterization of the Drosophila AIF e04281 Allele Reveals Mutant Clone Loss in Mosaic Eyes. microPublication biology, 2025.

Spitzer DC, et al. (2023) The cell adhesion molecule Echinoid promotes tissue survival and separately restricts tissue overgrowth in Drosophila imaginal discs. bioRxiv : the preprint server for biology.

Wu CY, et al. (2021) Dihydroceramide desaturase promotes the formation of intraluminal vesicles and inhibits autophagy to increase exosome production. iScience, 24(12), 103437.

Tzou FY, et al. (2021) Dihydroceramide desaturase regulates the compartmentalization of Rac1 for neuronal oxidative stress. Cell reports, 35(2), 108972.

Ye H, et al. (2020) Retromer subunit, VPS29, regulates synaptic transmission and is required for endolysosomal function in the aging brain. eLife, 9.

Jin EJ, et al. (2018) Live Observation of Two Parallel Membrane Degradation Pathways at Axon Terminals. Current biology : CB, 28(7), 1027.