

Resource Summary Report

Generated by T1D on Sep 18, 2026

[y\[1\] w\[67c23\]; P{y\[+mDint2\] w\[+mC\]=EPgy2}PEK\[EY09578\]](#)

RRID:BDSC_17582

Type: Organism

Proper Citation

RRID:BDSC_17582

Organism Information

URL: <https://n2t.net/bdsc:17582>

Proper Citation: RRID:BDSC_17582

Description: Drosophila melanogaster with name y[1] w[67c23]; P{y[+mDint2] w[+mC]=EPgy2}PEK[EY09578] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. Donor: Berkeley Drosophila Genome Project; Donor's Source: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: PEK, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 17582

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_17582, BDSC:17582, BL17582

Organism Name: y[1] w[67c23]; P{y[+mDint2] w[+mC]=EPgy2}PEK[EY09578]

Record Creation Time: 20240911T222323+0000

Record Last Update: 20260912T203321+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[67c23]; P{y[+mDint2] w[+mC]=EPgy2}PEK[EY09578].

No alerts have been found for y[1] w[67c23]; P{y[+mDint2] w[+mC]=EPgy2}PEK[EY09578].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Kim IJ, et al. (2025) Imaginal discs produce neuropeptide-like precursor 1 to alleviate ER stress in response to warm temperatures. Communications biology, 9(1), 58.

Lewis SA, et al. (2024) eIF2 γ phosphorylation evokes dystonia-like movements with D2-receptor and cholinergic origin and abnormal neuronal connectivity. bioRxiv : the preprint server for biology.

Naït-Saïdi R, et al. (2023) The small compound Icerguastat reduces muscle defects in oculopharyngeal muscular dystrophy through the PERK pathway of the unfolded protein response. Open biology, 13(4), 230008.