

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

[w\[*\]; Pkc53E\[Delta28\]; P{w\[+mC\]=UAS-Pkc53E.RB}3/TM6B, Tb\[1\]](#)

RRID:BDSC_80989

Type: Organism

Proper Citation

RRID:BDSC_80989

Organism Information

URL: <https://n2t.net/bdsc:80989>

Proper Citation: RRID:BDSC_80989

Description: Drosophila melanogaster with name w[*]; Pkc53E[Delta28]; P{w[+mC]=UAS-Pkc53E.RB}3/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes for 3rd chromosome may be present. Donor: Xiangzhong Zheng & Amita Sehgal, University of Pennsylvania, Perelman School of Medicine

Affected Gene: Pkc53E, UAS, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 80989

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80989, BL80989

Organism Name: w[*]; Pkc53E[Delta28]; P{w[+mC]=UAS-Pkc53E.RB}3/TM6B, Tb[1]

Record Creation Time: 20240911T223237+0000

Record Last Update: 20260808T195618+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; Pkc53E[Delta28]; P{w[+mC]=UAS-Pkc53E.RB}3/TM6B, Tb[1].

No alerts have been found for w[*]; Pkc53E[Delta28]; P{w[+mC]=UAS-Pkc53E.RB}3/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Shieh BH, et al. (2023) A conventional PKC critical for both the light-dependent and the light-independent regulation of the actin cytoskeleton in Drosophila photoreceptors. The Journal of biological chemistry, 299(6), 104822.

Park JH, et al. (2020) Cytosolic calcium regulates cytoplasmic accumulation of TDP-43 through Calpain-A and Importin β . eLife, 9.