

Resource Summary Report

Generated by [dkNET](#) on Jul 28, 2026

[w\[*\]; P{w\[+mC\]=UAS-hATXN3.tr-Q27}N18.3d](#)

RRID:BDSC_8149

Type: Organism

Proper Citation

RRID:BDSC_8149

Organism Information

URL: <https://n2t.net/bdsc:8149>

Proper Citation: RRID:BDSC_8149

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-hATXN3.tr-Q27}N18.3d from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Nancy Bonini, University of Pennsylvania

Affected Gene: Hsap\ATXN3, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 8149

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8149, BL8149

Organism Name: w[*]; P{w[+mC]=UAS-hATXN3.tr-Q27}N18.3d

Record Creation Time: 20240911T222214+0000

Record Last Update: 20260725T194851+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-hATXN3.tr-Q27}N18.3d.

No alerts have been found for w[*]; P{w[+mC]=UAS-hATXN3.tr-Q27}N18.3d.

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 [dkNET](#) .

Prange SE, et al. (2024) Dendrite injury triggers neuroprotection in Drosophila models of neurodegenerative disease. Scientific reports, 14(1), 24766.

Curley M, et al. (2024) Transgenic sensors reveal compartment-specific effects of aggregation-prone proteins on subcellular proteostasis during aging. Cell reports methods, 4(10), 100875.

Sun Y, et al. (2023) m1A in CAG repeat RNA binds to TDP-43 and induces neurodegeneration. Nature, 623(7987), 580.

Cho JH, et al. (2022) CBP-Mediated Acetylation of Importin β Mediates Calcium-Dependent Nucleocytoplasmic Transport of Selective Proteins in Drosophila Neurons. Molecules and cells, 45(11), 855.

Chakravorty A, et al. (2022) Glutamatergic Synapse Dysfunction in Drosophila Neuromuscular Junctions Can Be Rescued by Proteostasis Modulation. Frontiers in molecular neuroscience, 15, 842772.

Deliu LP, et al. (2022) Serotonergic neuron ribosomal proteins regulate the neuroendocrine control of Drosophila development. PLoS genetics, 18(9), e1010371.

Nye DMR, et al. (2020) The receptor tyrosine kinase Ror is required for dendrite regeneration in Drosophila neurons. PLoS biology, 18(3), e3000657.

Nakamura S, et al. (2019) Suppression of autophagic activity by Rubicon is a signature of aging. Nature communications, 10(1), 847.

Kwon MJ, et al. (2018) Coiled-coil structure-dependent interactions between polyQ proteins and Foxo lead to dendrite pathology and behavioral defects. Proceedings of the National Academy of Sciences of the United States of America, 115(45), E10748.

Li YX, et al. (2018) Inhibition of NF- κ B in astrocytes is sufficient to delay neurodegeneration induced by proteotoxicity in neurons. Journal of neuroinflammation, 15(1), 261.