

Resource Summary Report

Generated by [NIF](#) on Aug 29, 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: 20260826T175114+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 [NIF](#).

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.

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

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.

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

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

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.