Resource Summary Report

Generated by NIF on Sep 1, 2026

RB809

RRID:WB-STRAIN:WBStrain00031522
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031522

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00031522

Proper Citation: RRID:WB-STRAIN:WBStrain00031522

Description: Caenorhabditis elegans with name ptl-1(ok621) III. from WB.

Species: Caenorhabditis elegans

Synonyms: ptl-1(ok621) III.

Notes: F42G9.9a. Homozygous. Outer Left Sequence: CCTCCTACCACCCATCTGAA. Outer Right Sequence: CAACATGCTCAGGGAAGTCA. Inner Left Sequence: TGAACCGAAGCCTAAACCAG. Inner Right Sequence: CTGGAAATTTGTTGGGCAGT. Inner primer WT PCR product: 2452.|"Made_by: OMRF Knockout Group"|"Mutagen:UV/TMP"|"Supplementary_genotype ptl-1 (ok621) III"|"This strain was provided by the C. elegans Gene Knockout Project at the Oklahoma Medical Research Foundation, which was part of the International C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."

Affected Gene: WBGene00004212(ptl-1)

Genomic Alteration: WBGene00004212(ptl-1)

Catalog Number: WB-STRAIN:WBStrain00031522

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:37603562

Alternate IDs: WB-STRAIN:RB809, CGC_RB809

Organism Name: RB809

Record Creation Time: 20230227T013617+0000

Record Last Update: 20260829T162126+0000

Ratings and Alerts

No rating or validation information has been found for RB809.

No alerts have been found for RB809.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Hirsch F, et al. (2025) Impairment of neuronal activity occurs at the early stages of the aggregation cascade of A?1-42 and mutant Tau. bioRxiv : the preprint server for biology.

Selvarathinam H, et al. (2024) Neurodegeneration-related genes influence C. elegans pharyngeal activity. microPublication biology, 2024.

Puri D, et al. (2023) Muscleblind-1 interacts with tubulin mRNAs to regulate the microtubule cytoskeleton in C. elegans mechanosensory neurons. PLoS genetics, 19(8), e1010885.

Doyle JJ, et al. (2023) Genetic Interactions of Progranulin Across the ALS-FTD Spectrum and Beyond. microPublication biology, 2023.

Aquino Nunez W, et al. (2022) Age-dependent accumulation of tau aggregation in Caenorhabditis elegans. Frontiers in aging, 3, 928574.

Krieg M, et al. (2017) Genetic defects in ?-spectrin and tau sensitize C. elegans axons to movement-induced damage via torque-tension coupling. eLife, 6.