

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

pPD95_77

RRID:Addgene_1495

Type: Plasmid

Proper Citation

RRID:Addgene_1495

Plasmid Information

URL: <http://www.addgene.org/1495>

Proper Citation: RRID:Addgene_1495

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4493; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: See Fire Lab Vector Kit Documentation 1995. Fire Lab Miniprep Number pPD95.77, Ligation number NONE.

Plasmid Name: pPD95_77

Record Creation Time: 20220422T221829+0000

Record Last Update: 20260829T075708+0000

Ratings and Alerts

No rating or validation information has been found for pPD95_77.

No alerts have been found for pPD95_77.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Hirsch F, et al. (2026) Impairment of neuronal activity occurs at the early stages of the aggregation cascade of A β 1-42 and mutant Tau. *Disease models & mechanisms*, 19(3).

Gong W, et al. (2026) SEMI-1, A Novel Neuronal Selenium-Binding Protein 1 Homolog Without Methanethiol Oxidase Activity, Modulates Stress Resistance, Lifespan, and Thermotaxis in *C. elegans*. *BioFactors* (Oxford, England), 52(3), e70118.

Kuo CS, et al. (2025) A Mutation in Vesicular Acetylcholine Transporter Increases Tubulin Acetylation Compromising Synaptic Vesicle Transport. *Journal of neurochemistry*, 169(12), e70322.

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

Montresor S, et al. (2025) HSP110 is a modulator of amyloid beta (A β) aggregation and proteotoxicity. *Journal of neurochemistry*, 169(1), e16214.

Cole-Osborn LF, et al. (2024) The role of the Golden2-like (GLK) transcription factor in regulating terpenoid indole alkaloid biosynthesis in *Catharanthus roseus*. *Plant cell reports*, 43(6), 141.

Liu H, et al. (2024) Probiotics-sensing mechanism in neurons that initiates gut mitochondrial surveillance for pathogen defense. *Cell reports*, 43(12), 115021.

Xu W, et al. (2024) A lineage-resolved cartography of microRNA promoter activity in *C. elegans* empowers multidimensional developmental analysis. *Nature communications*, 15(1), 2783.

Zhou Y, et al. (2024) Collagen and actin network mediate antiviral immunity against Orsay virus in *C. elegans* intestinal cells. *PLoS pathogens*, 20(1), e1011366.

Petratou D, et al. (2023) A proton-inhibited DEG/ENaC ion channel maintains neuronal ionstasis and promotes neuronal survival under stress. *iScience*, 26(7), 107117.

Lange KI, et al. (2022) Interpreting ciliopathy-associated missense variants of uncertain significance (VUS) in *Caenorhabditis elegans*. *Human molecular genetics*, 31(10), 1574.

Doering KRS, et al. (2022) Nuclear hormone receptor NHR-49 acts in parallel with HIF-1 to promote hypoxia adaptation in *Caenorhabditis elegans*. *eLife*, 11.

Wani KA, et al. (2021) NHR-49/PPAR- γ and HLH-30/TFEB cooperate for *C. elegans* host defense via a flavin-containing monooxygenase. *eLife*, 10.

Tang H, et al. (2021) Fatty acids impact sarcomere integrity through myristoylation and ER homeostasis. *Cell reports*, 36(7), 109539.

Jia F, et al. (2020) Regulation of Nucleotide Metabolism and Germline Proliferation in Response to Nucleotide Imbalance and Genotoxic Stresses by EndoU Nuclease. *Cell reports*, 30(6), 1848.

Köhnlein K, et al. (2020) A *Caenorhabditis elegans* ortholog of human selenium-binding protein 1 is a pro-aging factor protecting against selenite toxicity. *Redox biology*, 28, 101323.

Ruiz M, et al. (2019) Evolutionarily conserved long-chain Acyl-CoA synthetases regulate membrane composition and fluidity. *eLife*, 8.

O'Hern PJ, et al. (2017) Decreased microRNA levels lead to deleterious increases in neuronal M2 muscarinic receptors in Spinal Muscular Atrophy models. *eLife*, 6.

Waaaijers S, et al. (2016) A tissue-specific protein purification approach in *Caenorhabditis elegans* identifies novel interaction partners of DLG-1/Discs large. *BMC biology*, 14, 66.

van der Hoeven R, et al. (2015) Localization of the Dual Oxidase BLI-3 and Characterization of Its NADPH Oxidase Domain during Infection of *Caenorhabditis elegans*. *PloS one*, 10(4), e0124091.