

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 23, 2025

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

Defining Citation: [PMID:](#)

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: 20230915T080451+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 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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.

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.