

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

pPD95_75

RRID:Addgene_1494

Type: Plasmid

Proper Citation

RRID:Addgene_1494

Plasmid Information

URL: <http://www.addgene.org/1494>

Proper Citation: RRID:Addgene_1494

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:4494; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: See Fire Lab Vector Kit Documentation 1995. Fire Lab Miniprep Number pPD95.75, Ligation number NONE.

Plasmid Name: pPD95_75

Record Creation Time: 20220422T221829+0000

Record Last Update: 20260725T074006+0000

Ratings and Alerts

No rating or validation information has been found for pPD95_75.

No alerts have been found for pPD95_75.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Dinneen E, et al. (2025) A single-copy knock-in system: one plasmid to target all chromosomes in *C. elegans*. *G3* (Bethesda, Md.), 15(11).

Shugarts Devanapally NM, et al. (2025) Intergenerational transport of double-stranded RNA in *C. elegans* can limit heritable epigenetic changes. *eLife*, 13.

Zhu M, et al. (2025) PTP-3 regulated by VB12 is important for ageing health in *C. elegans*. *npj aging*, 11(1), 10.

Rose AB, et al. (2025) Introns increase gene expression in *Caenorhabditis elegans* by a mechanism that must be at least partly different than in plants. *Scientific reports*, 15(1), 15862.

Nikonorova IA, et al. (2025) Polycystins recruit cargo to distinct ciliary extracellular vesicle subtypes in *C. elegans*. *Nature communications*, 16(1), 2899.

Yamashita T, et al. (2025) Microparticle Bombardment as a Method for Transgenesis in *Auanema* and *Tokorhabditis*. *microPublication biology*, 2025.

Mathies LD, et al. (2024) PBRM-1/PBAF-regulated genes in a multipotent progenitor in *Caenorhabditis elegans*. *G3* (Bethesda, Md.), 14(3).

Graziano B, et al. (2024) Glial KCNQ K⁺ channels control neuronal output by regulating GABA release from glia in *C. elegans*. *Neuron*.

Kawano T, et al. (2023) ER proteostasis regulators cell-non-autonomously control sleep. *Cell reports*, 42(3), 112267.

Lazaro-Pena MI, et al. (2023) Homeodomain-interacting protein kinase maintains neuronal homeostasis during normal *Caenorhabditis elegans* aging and systemically regulates longevity from serotonergic and GABAergic neurons. *eLife*, 12.

Peterson ND, et al. (2023) Non-canonical pattern recognition of a pathogen-derived metabolite by a nuclear hormone receptor identifies virulent bacteria in *C. elegans*. *Immunity*, 56(4), 768.

Soltanmohammadi N, et al. (2022) Somatic PMK-1/p38 signaling links environmental stress to germ cell apoptosis and heritable euploidy. *Nature communications*, 13(1), 701.

Nikonorova IA, et al. (2022) Isolation, profiling, and tracking of extracellular vesicle cargo in *Caenorhabditis elegans*. *Current biology : CB*, 32(9), 1924.

Fernandez-Abascal J, et al. (2022) A glial CIC Cl⁻ channel mediates nose touch responses in *C. elegans*. *Neuron*, 110(3), 470.

Wang L, et al. (2022) Glial regulators of ions and solutes required for specific chemosensory functions in *Caenorhabditis elegans*. *iScience*, 25(12), 105684.

Motaher R, et al. (2021) Chemogenomic approach to identifying nematode chemoreceptor drug targets in the entomopathogenic nematode *Heterorhabditis bacteriophora*. *Computational biology and chemistry*, 92, 107464.

Qian KY, et al. (2021) Male pheromones modulate synaptic transmission at the *C. elegans* neuromuscular junction in a sexually dimorphic manner. *eLife*, 10.

Edwards SL, et al. (2021) Insulin/IGF-1 signaling and heat stress differentially regulate HSF1 activities in germline development. *Cell reports*, 36(9), 109623.

Rackles E, et al. (2021) Reduced peroxisomal import triggers peroxisomal retrograde signaling. *Cell reports*, 34(3), 108653.

Wang J, et al. (2021) Sensory cilia act as a specialized venue for regulated extracellular vesicle biogenesis and signaling. *Current biology : CB*, 31(17), 3943.