

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

[pCM5.37](#)

RRID:Addgene_17253

Type: Plasmid

Proper Citation

RRID:Addgene_17253

Plasmid Information

URL: <http://www.addgene.org/17253>

Proper Citation: RRID:Addgene_17253

Insert Name: unc-54 3' from pPD49.78 in pDONRP2RP3

Organism: Caenorhabditis elegans

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:18818082](#)

Vector Backbone Description: Backbone Size:2641; Vector Backbone:pDONRP2RP3; Vector Types:Gateway Cloning; Bacterial Resistance:Kanamycin

Plasmid Name: pCM5.37

Record Creation Time: 20220422T222001+0000

Record Last Update: 20260815T081025+0000

Ratings and Alerts

No rating or validation information has been found for pCM5.37.

No alerts have been found for pCM5.37.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Russell JC, et al. (2021) Generation and characterization of a tractable *C. elegans* model of tauopathy. *GeroScience*, 43(5), 2621.

Fardghassemi Y, et al. (2021) Overexpression of FKH-2/FOXG1 is neuroprotective in a *C. elegans* model of Machado-Joseph disease. *Experimental neurology*, 337, 113544.

Fardghassemi Y, et al. (2021) Small Molecule Rescue of ATXN3 Toxicity in *C. elegans* via TFEB/HLH-30. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 18(2), 1151.

Sabatella M, et al. (2021) Tissue-Specific DNA Repair Activity of ERCC-1/XPF-1. *Cell reports*, 34(2), 108608.

Kuo CJ, et al. (2020) IGLR-2, a Leucine-Rich Repeat Domain Containing Protein, Is Required for the Host Defense in *Caenorhabditis elegans*. *Frontiers in immunology*, 11, 561337.

Fardghassemi Y, et al. (2017) Rescue of ATXN3 neuronal toxicity in *Caenorhabditiselegans* by chemical modification of endoplasmic reticulum stress. *Disease models & mechanisms*, 10(12), 1465.

Vérièpe J, et al. (2015) Neurodegeneration in *C. elegans* models of ALS requires TIR-1/Sarm1 immune pathway activation in neurons. *Nature communications*, 6, 7319.

Havrylenko S, et al. (2015) WAVE binds Ena/VASP for enhanced Arp2/3 complex-based actin assembly. *Molecular biology of the cell*, 26(1), 55.

Aggad D, et al. (2014) TDP-43 toxicity proceeds via calcium dysregulation and necrosis in aging *Caenorhabditis elegans* motor neurons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(36), 12093.

Vaccaro A, et al. (2012) Mutant TDP-43 and FUS cause age-dependent paralysis and neurodegeneration in *C. elegans*. *PloS one*, 7(2), e31321.