

Resource Summary Report

Generated by [NIF](#) on Sep 1, 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: 20260829T080012+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 [NIF](#) .

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.