

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

pHT101-mCherry

RRID:Addgene_61021

Type: Plasmid

Proper Citation

RRID:Addgene_61021

Plasmid Information

URL: <http://www.addgene.org/61021>

Proper Citation: RRID:Addgene_61021

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Andrew Fire (Addgene plasmid #1490); Backbone Size:4526; Vector Backbone:pPD95_67; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: This vector can be used to create N- terminal or C-terminal mCherry tagged fusion proteins for expression in C. elegans. The mCherry and a modified MCS was inserted into the vector backbone using AgeI and EcoRI sites. See plasmid map and sequence for more information. Note that mCherry has been codon optimized for C. elegans expression. See pCFJ90 (Plasmid #19327) for details on the mCherry protein sequence.

Plasmid Name: pHT101-mCherry

Record Creation Time: 20220422T222350+0000

Record Last Update: 20260815T081738+0000

Ratings and Alerts

No rating or validation information has been found for pHT101-mCherry.

No alerts have been found for pHT101-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Taylor SKB, et al. (2024) Neurotrophic factor MANF regulates autophagy and lysosome function to promote proteostasis in *C. elegans*. bioRxiv : the preprint server for biology.

Sellegounder D, et al. (2019) Neuronal GPCR NPR-8 regulates *C. elegans* defense against pathogen infection. Science advances, 5(11), eaaw4717.