

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

pCFJ151 - ttTi5605_MCS

RRID:Addgene_19330

Type: Plasmid

Proper Citation

RRID:Addgene_19330

Plasmid Information

URL: <http://www.addgene.org/19330>

Proper Citation: RRID:Addgene_19330

Insert Name: ttTi5605 targeting region

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18953339](#)

Vector Backbone Description: Backbone Size:2334; Vector Backbone:N/A; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: Standard Multiple Cloning site vector to generate MosSCI inserts at ttTi5605 location. Contains C.Briggsae unc-119 rescue gene. Also contains genomic regions flanking the ttTi5605 Mos1 insertion. Use C.elegans strain EG4322 to generate insertions.

Plasmid Name: pCFJ151 - ttTi5605_MCS

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260815T081144+0000

Ratings and Alerts

No rating or validation information has been found for pCFJ151 - ttTi5605_MCS.

No alerts have been found for pCFJ151 - ttTi5605_MCS.

Data and Source Information

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Kimmich M, et al. (2026) Generation of a functional fluorescently-tagged PFN-3 profilin transgene in *Caenorhabditis elegans*. *microPublication biology*, 2026.

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

Lyu H, et al. (2024) Functional distinction in oncogenic Ras variant activity in *Caenorhabditis elegans*. *Disease models & mechanisms*, 17(8).

Huang X, et al. (2024) Compartmentalized localization of perinuclear proteins within germ granules in *C. elegans*. *Developmental cell*.

Dobbelaere J, et al. (2023) A phylogenetic profiling approach identifies novel ciliogenesis genes in *Drosophila* and *C. elegans*. *The EMBO journal*, 42(16), e113616.

Breimann L, et al. (2022) The histone H4 lysine 20 demethylase DPY-21 regulates the dynamics of condensin DC binding. *Journal of cell science*, 135(2).

Holzer E, et al. (2022) A modified TurboID approach identifies tissue-specific centriolar components in *C. elegans*. *PLoS genetics*, 18(4), e1010150.

Omi S, et al. (2021) *unc-119* mutants have an increased fungal spore adhesion that is not rescued by *Cb-unc-119*. *microPublication biology*, 2021.

Omi S, et al. (2021) *ifas-1* is upregulated by fungal infection in a GPA-12 and STA-2-independent manner in the *Caenorhabditis elegans* epidermis. *microPublication biology*, 2021.

Price IF, et al. (2021) Proximity labeling identifies LOTUS domain proteins that promote the formation of perinuclear germ granules in *C. elegans*. *eLife*, 10.

Vásquez V, et al. (2020) Using *C. elegans* to Study the Effects of Toxins in Sensory Ion Channels In Vivo. *Methods in molecular biology* (Clifton, N.J.), 2068, 225.

Mathies LD, et al. (2019) mRNA profiling reveals significant transcriptional differences between a multipotent progenitor and its differentiated sister. *BMC genomics*, 20(1), 427.

Uebel CJ, et al. (2018) Distinct regions of the intrinsically disordered protein MUT-16 mediate assembly of a small RNA amplification complex and promote phase separation of Mutator foci. *PLoS genetics*, 14(7), e1007542.

Choi YS, et al. (2017) Removing bias against short sequences enables northern blotting to better complement RNA-seq for the study of small RNAs. *Nucleic acids research*, 45(10), e87.