

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

Pmec-18 caspase-3 (p12)::nz [TU#813]

RRID:Addgene_16082

Type: Plasmid

Proper Citation

RRID:Addgene_16082

Plasmid Information

URL: <http://www.addgene.org/16082>

Proper Citation: RRID:Addgene_16082

Insert Name: caspase-3 (p12) :: nz

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17283333](#)

Vector Backbone Description: Backbone Marker:Andrew Fire Lab; Backbone Size:3880; Vector Backbone:pPD95.75; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: caspase-3 (p12) fused to the antiparallel leucine-zipper domain NZ (ALKKELQANKKELAQLKWELQALKKELAQ). For listed sequence, 1-397bp = mec-18p; 410-718bp = caspase-3(p12); 746-787bp = intron; 824-916bp = NZ.

Plasmid Name: Pmec-18 caspase-3 (p12)::nz [TU#813]

Record Creation Time: 20220422T221910+0000

Record Last Update: 20260815T080844+0000

Ratings and Alerts

No rating or validation information has been found for Pmec-18 caspase-3 (p12)::nz [TU#813].

No alerts have been found for Pmec-18 caspase-3 (p12)::nz [TU#813].

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Suhag M, et al. (2026) Mechanical feedback between a transient core cell and a contractile valve ensures robust organ morphogenesis in *C. elegans*. *Current biology : CB*, 36(2), 307.

Miller HA, et al. (2022) Serotonin and dopamine modulate aging in response to food odor and availability. *Nature communications*, 13(1), 3271.

Choi W, et al. (2022) A single chemosensory GPCR is required for a concentration-dependent behavioral switching in *C. elegans*. *Current biology : CB*, 32(2), 398.

Ikeda M, et al. (2020) Context-dependent operation of neural circuits underlies a navigation behavior in *Caenorhabditis elegans*. *Proceedings of the National Academy of Sciences of the United States of America*, 117(11), 6178.

Sellegounder D, et al. (2018) Octopaminergic Signaling Mediates Neural Regulation of Innate Immunity in *Caenorhabditis elegans*. *mBio*, 9(5).