

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

Pmec-18 cz::caspase-3 (p17) [TU#814]

RRID:Addgene_16083

Type: Plasmid

Proper Citation

RRID:Addgene_16083

Plasmid Information

URL: <http://www.addgene.org/16083>

Proper Citation: RRID:Addgene_16083

Insert Name: cz :: caspase-3 (p17)

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 (p17) fused to the antiparallel leucine-zipper domain CZ (AQLEKKLQALEKKLAQLEWKNQALEKKLAQ). For listed sequence, 1-397bp = Pmec-18; 417-506bp = CZ; 546-587bp = intron; 609-1136bp = Caspase-3(p17).

Plasmid Name: Pmec-18 cz::caspase-3 (p17) [TU#814]

Record Creation Time: 20220422T221910+0000

Record Last Update: 20260815T080848+0000

Ratings and Alerts

No rating or validation information has been found for Pmec-18 cz::caspase-3 (p17) [TU#814].

No alerts have been found for Pmec-18 cz::caspase-3 (p17) [TU#814].

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

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

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).