

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pcDNA4/TO-bio-myc-cCE

RRID:Addgene_112711

Type: Plasmid

Proper Citation

RRID:Addgene_112711

Plasmid Information

URL: <http://www.addgene.org/112711>

Proper Citation: RRID:Addgene_112711

Insert Name: Rngtt

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30166341](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5078; Vector Backbone:pcDNA4/TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: For more information about this plasmid, see Mukherjee et al. 2014 PLoS Biol (10.1371/journal.pbio.1001933). The insert sequence of this plasmid was subcloned from pcDNA3-bio-myc-NES-mCE??NLS described in this publication. Additional internal sequencing primers: IntCE1-F: GAATGCCCCACCACTGAGAATACTG IntCE2-F: GTTAGGAGAGGTGCAGCAGAAATGTC IntCE3-F: CAAAGAAGTCAGCCATGAAATGGATGGAC

Plasmid Name: pcDNA4/TO-bio-myc-cCE

Relevant Mutation: Silent mutation at Arg 132 (CGT to CGC), deleted amino acids 573-576 (KRKY nuclear localization signal)

Record Creation Time: 20220422T221550+0000

Record Last Update: 20260808T080451+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA4/TO-bio-myc-cCE.

No alerts have been found for pcDNA4/TO-bio-myc-cCE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Trotman JB, et al. (2018) RNA-binding proteins and heat-shock protein 90 are constituents of the cytoplasmic capping enzyme interactome. The Journal of biological chemistry, 293(43), 16596.