

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pcDNA5-TO-PV-NES-DsRed

RRID:Addgene_16339

Type: Plasmid

Proper Citation

RRID:Addgene_16339

Plasmid Information

URL: <http://www.addgene.org/16339>

Proper Citation: RRID:Addgene_16339

Insert Name: PV-NES-DsRed

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17420246](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5700; Vector Backbone:pcDNA5/TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please note- this plasmid may contain the NES N-terminal to the PV insert, not C-terminal as the plasmid name suggests. Also, there is a Myc tag at the C-terminus of the DsRed.

Plasmid Name: pcDNA5-TO-PV-NES-DsRed

Record Creation Time: 20220422T221924+0000

Record Last Update: 20260725T074145+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA5-TO-PV-NES-DsRed.

No alerts have been found for pcDNA5-TO-PV-NES-DsRed.

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 [NIF](#) .

Pizzoni A, et al. (2023) Soluble cyclase-mediated nuclear cAMP synthesis is sufficient for cell proliferation. Proceedings of the National Academy of Sciences of the United States of America, 120(4), e2208749120.

Qudrat A, et al. (2016) The spatiotemporal relationship between local Ca(2+) signaling and P2X2R-activated membrane blebbing. Cell calcium, 59(4), 164.