

Resource Summary Report

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

pCDNA3_cAMPFIRE-L-R279E

RRID:Addgene_182282

Type: Plasmid

Proper Citation

RRID:Addgene_182282

Plasmid Information

URL: <http://www.addgene.org/182282>

Proper Citation: RRID:Addgene_182282

Insert Name: cAMPFIRE-L-R279E (cAMP-deficient cAMPFIRE-L)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:36303019](#)

Vector Backbone Description: Backbone Size:5428; Vector Backbone:pCDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://doi.org/10.1101/2021.08.27.457999> for bioRxiv preprint.

Plasmid Name: pCDNA3_cAMPFIRE-L-R279E

Record Creation Time: 20220422T222037+0000

Record Last Update: 20260815T081131+0000

Ratings and Alerts

No rating or validation information has been found for pCDNA3_cAMPFIRE-L-R279E.

No alerts have been found for pCDNA3_cAMPFIRE-L-R279E.

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 [RRID](#) .

Massengill CI, et al. (2022) Sensitive genetically encoded sensors for population and subcellular imaging of cAMP in vivo. Nature methods, 19(11), 1461.