

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pCMV-BEACON1

RRID:Addgene_171697

Type: Plasmid

Proper Citation

RRID:Addgene_171697

Plasmid Information

URL: <http://www.addgene.org/171697>

Proper Citation: RRID:Addgene_171697

Insert Name: BEACON1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32492431](#)

Vector Backbone Description: Vector Backbone:pCMV; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV-BEACON1

Relevant Mutation: hAPOBEC3A_W104A/Y132D

Record Creation Time: 20220422T221957+0000

Record Last Update: 20260815T081018+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-BEACON1.

No alerts have been found for pCMV-BEACON1.

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 [RRID](#) .

Schweitzer AY, et al. (2025) Precision multiplexed base editing in human cells using Cas12a-derived base editors. Nature communications, 16(1), 5061.

Hu Y, et al. (2024) Engineering miniature CRISPR-Cas Un1Cas12f1 for efficient base editing. Molecular therapy. Nucleic acids, 35(2), 102201.