

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pCMV-BEACON2

RRID:Addgene_171698

Type: Plasmid

Proper Citation

RRID:Addgene_171698

Plasmid Information

URL: <http://www.addgene.org/171698>

Proper Citation: RRID:Addgene_171698

Insert Name: BEACON2

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-BEACON2

Relevant Mutation: hAPOBEC3A_W98Y/W104A/Y130F

Record Creation Time: 20220422T221957+0000

Record Last Update: 20260808T081227+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-BEACON2.

No alerts have been found for pCMV-BEACON2.

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 [PRECISE-TBI](#) .

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

Xiao MS, et al. (2024) Genome-scale exon perturbation screens uncover exons critical for cell fitness. Molecular cell, 84(13), 2553.