

Resource Summary Report

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

pC0053-CMV-dPspCas13b-GS-ADAR2DD(E488Q)-delta-984-1090

RRID:Addgene_103869

Type: Plasmid

Proper Citation

RRID:Addgene_103869

Plasmid Information

URL: <http://www.addgene.org/103869>

Proper Citation: RRID:Addgene_103869

Insert Name: PspCas13b

Organism: Prevotella sp. P5-125

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29070703](#)

Vector Backbone Description: Backbone Size:5428; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: Benchling link: <https://benchling.com/s/seq-HASFia3255bkdc9iUtxu>

Plasmid Name: pC0053-CMV-dPspCas13b-GS-ADAR2DD(E488Q)-delta-984-1090

Relevant Mutation: Changed histidine 133 to alanine and histidine 1058 to alanine to remove RNase activity. Lacks residues 984-1090.

Record Creation Time: 20220422T221504+0000

Record Last Update: 20260725T073402+0000

Ratings and Alerts

No rating or validation information has been found for pC0053-CMV-dPspCas13b-GS-ADAR2DD(E488Q)-delta-984-1090.

No alerts have been found for pC0053-CMV-dPspCas13b-GS-ADAR2DD(E488Q)-delta-984-1090.

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 [NIF](#) .

Kannan S, et al. (2022) Compact RNA editors with small Cas13 proteins. Nature biotechnology, 40(2), 194.