

Resource Summary Report

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

pC0048-CMV-dPspCas13b-longlinker-ADAR2DD(E488Q)

RRID:Addgene_103864

Type: Plasmid

Proper Citation

RRID:Addgene_103864

Plasmid Information

URL: <http://www.addgene.org/103864>

Proper Citation: RRID:Addgene_103864

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-Y92Xyc1WxOIzDLMNv8K8>

Plasmid Name: pC0048-CMV-dPspCas13b-longlinker-ADAR2DD(E488Q)

Relevant Mutation: Changed histidine 133 to alanine and histidine 1058 to alanine to remove RNase activity.

Record Creation Time: 20220422T221503+0000

Record Last Update: 20260808T080328+0000

Ratings and Alerts

No rating or validation information has been found for pC0048-CMV-dPspCas13b-longlinker-ADAR2DD(E488Q).

No alerts have been found for pC0048-CMV-dPspCas13b-longlinker-ADAR2DD(E488Q).

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 [PRECISE-TBI](#) .

Katrekar D, et al. (2019) In vivo RNA editing of point mutations via RNA-guided adenosine deaminases. Nature methods, 16(3), 239.