

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

[pYPQ256](#)

RRID:Addgene_124312

Type: Plasmid

Proper Citation

RRID:Addgene_124312

Plasmid Information

URL: <http://www.addgene.org/124312>

Proper Citation: RRID:Addgene_124312

Insert Name: pcoCas9D10A-PmCDA1-UGI

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:30928637](#)

Vector Backbone Description: Vector Backbone:pNJB91; Vector Types:CRISPR;
Bacterial Resistance:Spectinomycin

Plasmid Name: pYPQ256

Record Creation Time: 20220422T221652+0000

Record Last Update: 20260725T073712+0000

Ratings and Alerts

No rating or validation information has been found for pYPQ256.

No alerts have been found for pYPQ256.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Ren Q, et al. (2021) Improved plant cytosine base editors with high editing activity, purity, and specificity. Plant biotechnology journal, 19(10), 2052.

Randall LB, et al. (2021) Genome- and transcriptome-wide off-target analyses of an improved cytosine base editor. Plant physiology, 187(1), 73.

Sretenovic S, et al. (2021) Rapid Vector Construction and Assessment of BE3 and Target-AID C to T Base Editing Systems in Rice Protoplasts. Methods in molecular biology (Clifton, N.J.), 2238, 95.