

Resource Summary Report

Generated by [T1D](#) on Sep 20, 2026

pCMV_BE4max

RRID:Addgene_112093

Type: Plasmid

Proper Citation

RRID:Addgene_112093

Plasmid Information

URL: <http://www.addgene.org/112093>

Proper Citation: RRID:Addgene_112093

Insert Name: BE4max

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29813047](#)

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

Plasmid Name: pCMV_BE4max

Record Creation Time: 20220422T221546+0000

Record Last Update: 20260919T090527+0000

Ratings and Alerts

No rating or validation information has been found for pCMV_BE4max.

No alerts have been found for pCMV_BE4max.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Apaydin DC, et al. (2026) Lipid nanoparticle-based non-viral in situ gene editing of congenital ichthyosis-causing mutations in human skin models. *Cell stem cell*, 33(2), 233.

Ng BG, et al. (2026) A homozygous nonsense variant in the oligosaccharyltransferase complex gene, RPN1, causes a congenital disorder of glycosylation. *HGG advances*, 7(3), 100604.

Simon S, et al. (2025) Design of sensitive monospecific and bispecific synthetic chimeric T cell receptors for cancer therapy. *Nature cancer*, 6(4), 647.

Hwang HY, et al. (2025) Engineered Sdd7 cytosine base editors with enhanced specificity. *Nature communications*, 16(1), 5881.

Qian Y, et al. (2025) Double-stranded DNA deaminase DddAE1347A can increase the efficiency and targeting range of cytidine base editors. *Genome biology*, 26(1), 391.

Berríos KN, et al. (2024) Cooperativity between Cas9 and hyperactive AID establishes broad and diversifying mutational footprints in base editors. *Nucleic acids research*, 52(4), 2078.

Choi DE, et al. (2024) Base editing strategies to convert CAG to CAA diminish the disease-causing mutation in Huntington's disease. *eLife*, 12.

Naiisseh B, et al. (2024) Context base editing for splice correction of IVSI-110 β -thalassemia. *Molecular therapy. Nucleic acids*, 35(2), 102183.

Simon S, et al. (2024) Sensitive bispecific chimeric T cell receptors for cancer therapy. *Research square*.

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

Sifri C, et al. (2023) An AlphaFold2 map of the 53BP1 pathway identifies a direct SHLD3-RIF1 interaction critical for shieldin activity. *EMBO reports*, 24(8), e56834.

Papaioannou NY, et al. (2023) High-efficiency editing in hematopoietic stem cells and the HUDEP-2 cell line based on in vitro mRNA synthesis. *Frontiers in genome editing*, 5, 1141618.

Rieffer AE, et al. (2023) APOBEC Reporter Systems for Evaluating diNucleotide Editing Levels. *The CRISPR journal*, 6(5), 430.

Choi DE, et al. (2023) Base editing strategies to convert CAG to CAA diminish the disease-causing mutation in Huntington's disease. *bioRxiv : the preprint server for biology*.

Fiumara M, et al. (2023) Genotoxic effects of base and prime editing in human hematopoietic stem cells. *Nature biotechnology*.

Chen S, et al. (2022) Efficient C-to-G Base Editing with Improved Target Compatibility Using Engineered Deaminase-nCas9 Fusions. *The CRISPR journal*, 5(3), 389.

Xiu K, et al. (2022) Delivery of CRISPR/Cas9 Plasmid DNA by Hyperbranched Polymeric Nanoparticles Enables Efficient Gene Editing. *Cells*, 12(1).

Liu Z, et al. (2022) Inhibition of base editors with anti-deaminases derived from viruses. *Nature communications*, 13(1), 597.

Yuan Q, et al. (2022) Multiplex base- and prime-editing with drive-and-process CRISPR arrays. *Nature communications*, 13(1), 2771.

Zhou J, et al. (2022) Eliminating predictable DNA off-target effects of cytosine base editor by using dual guiders including sgRNA and TALE. *Molecular therapy : the journal of the American Society of Gene Therapy*, 30(7), 2443.