

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

ABE8e

RRID:Addgene_138489

Type: Plasmid

Proper Citation

RRID:Addgene_138489

Plasmid Information

URL: <http://www.addgene.org/138489>

Proper Citation: RRID:Addgene_138489

Insert Name: ecTadA(8e)-nSpCas9

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32433547](#)

Vector Backbone Description: Vector Backbone:pCMV with a BR322 origin; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: ABE8e

Record Creation Time: 20220422T221801+0000

Record Last Update: 20260725T073918+0000

Ratings and Alerts

No rating or validation information has been found for ABE8e.

No alerts have been found for ABE8e.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Tachida Y, et al. (2025) Systematic empirical evaluation of individual base editing targets: Validating therapeutic targets in USH2A and comparison of methods. *Molecular therapy : the journal of the American Society of Gene Therapy*, 33(4), 1466.

Elsharkasy OM, et al. (2025) A modular strategy for extracellular vesicle-mediated CRISPR-Cas9 delivery through aptamer-based loading and UV-activated cargo release. *Nature communications*, 16(1), 10309.

Kissling L, et al. (2025) Predicting adenine base editing efficiencies in different cellular contexts by deep learning. *Genome biology*, 26(1), 115.

Wang J, et al. (2025) A series of precise and controllable base editors with split-TadA-8e. *Molecular therapy. Nucleic acids*, 36(3), 102672.

Zhou J, et al. (2025) Transcriptome-wide identification of 5-methylcytosine by deaminase and reader protein-assisted sequencing. *eLife*, 13.

Wang M, et al. (2025) Precision enhancement of CAR-NK cells through non-viral engineering and highly multiplexed base editing. *Journal for immunotherapy of cancer*, 13(5).

Wang M, et al. (2025) Optimized in vivo base editing restores auditory function in a DFNA15 mouse model. *Nature communications*, 16(1), 8322.

Fontana L, et al. (2025) Multiplex base editing of BCL11A regulatory elements to treat sickle cell disease. *Cell reports. Medicine*, 102376.

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.

Jung Y, et al. (2025) Establishment and rescue of fibroblast cell lines carrying a nonsense mutation of RB1 by CRISPR-based base editing. *Scientific reports*, 15(1), 25074.

Valdez I, et al. (2025) A streamlined base editor engineering strategy to reduce bystander editing. *Nature communications*, 16(1), 8115.

He Z, et al. (2025) A base editor facilitates simultaneous purine and pyrimidine substitutions for ex vivo and in vivo mutagenesis screens. *Cell chemical biology*.

Shang M, et al. (2025) A motif preferred adenine base editor with minimal bystander and off-targets editing. *Nature communications*, 16(1), 9153.

Zhang H, et al. (2025) Adenine base editing rescues disrupted BCKDH function and reduces BCAAs toxic accumulation in maple syrup urine disease patient iPSC-hepatic organoids. *Stem cell research & therapy*, 16(1), 512.

Hu SW, et al. (2025) PAM-flexible adenine base editing rescues hearing loss in a humanized MPZL2 mouse model harboring an East Asian founder mutation. *Nature*

communications, 16(1), 7186.

Gulyas L, et al. (2025) Cleavage of the RNA polymerase II general transcription factor TFIIB es transcription during stress. bioRxiv : the preprint server for biology.

Regan SB, et al. (2025) Megabase-scale loss of heterozygosity provoked by CRISPR-Cas9 DNA double-strand breaks. Molecular cell, 85(22), 4119.

Cho SI, et al. (2024) Engineering TALE-linked deaminases to facilitate precision adenine base editing in mitochondrial DNA. Cell, 187(1), 95.

Hsiao S, et al. (2024) Library-Assisted Evolution in Eukaryotic Cells Yield Adenine Base Editors with Enhanced Editing Specificity. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 11(30), e2309004.

Wang M, et al. (2024) Precision Enhancement of CAR-NK Cells through Non-Viral Engineering and Highly Multiplexed Base Editing. bioRxiv : the preprint server for biology.