Resource Summary Report

Generated by RRID on Aug 25, 2026

NG-ABE8e

RRID:Addgene_138491
Type: Plasmid

Proper Citation

RRID:Addgene_138491

Plasmid Information

URL: http://www.addgene.org/138491

Proper Citation: RRID:Addgene_138491

Insert Name: ecTadA(8e)-nSpCas9 (NG)

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: NG-ABE8e

Record Creation Time: 20220422T221801+0000

Record Last Update: 20260815T080623+0000

Ratings and Alerts

No rating or validation information has been found for NG-ABE8e.

No alerts have been found for NG-ABE8e.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

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.

Rose I, et al. (2025) Correction: Adenine base editing of CFTR using receptor targeted nanoparticles restores function to G542X cystic fibrosis airway epithelial cells. Cellular and molecular life sciences : CMLS, 82(1), 341.

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.

Chen C, et al. (2025) Massively parallel variant-to-function mapping determines functional regulatory variants of non-small cell lung cancer. Nature communications, 16(1), 1391.

Croce KR, et al. (2025) A rare genetic variant confers resistance to neurodegeneration across multiple neurological disorders by augmenting selective autophagy. Neuron.

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

Kleinboehl EW, et al. (2024) Development and testing of a versatile genome editing application reporter (V-GEAR) system. Molecular therapy. Methods & clinical development, 32(2), 101253.

An M, et al. (2024) Systematic identification of pathogenic variants of non-small cell lung cancer in the promoters of DNA-damage repair genes. EBioMedicine, 110, 105480.

Liu Y, et al. (2024) Genetically modified pigs with CD163 point mutation are resistant to HP-PRRSV infection. Zoological research, 45(4), 833.

Fernandez MM, et al. (2024) Engineering Oncogenic Hotspot Mutations on SF3B1 via CRISPR-Directed PRECIS Mutagenesis. Cancer research communications, 4(9), 2498.

Asante Y, et al. (2023) PAX3-FOXO1 uses its activation domain to recruit CBP/P300 and shape RNA Pol2 cluster distribution. Nature communications, 14(1), 8361.

Chai AC, et al. (2023) Single-swap editing for the correction of common Duchenne muscular dystrophy mutations. Molecular therapy. Nucleic acids, 32, 522.

Jing Q, et al. (2023) Highly Efficient A-to-G Editing in PFFs via Multiple ABEs. Genes, 14(4).

Su J, et al. (2023) In vivo adenine base editing corrects newborn murine model of Hurler syndrome. Molecular biomedicine, 4(1), 6.

Schuster SL, et al. (2023) Multi-level functional genomics reveals molecular and cellular oncogenicity of patient-based 3' untranslated region mutations. Cell reports, 42(8),

112840.

McAuley GE, et al. (2023) Human T cell generation is restored in CD3? severe combined immunodeficiency through adenine base editing. Cell, 186(7), 1398.

Nishiyama T, et al. (2022) Precise genomic editing of pathogenic mutations in RBM20 rescues dilated cardiomyopathy. Science translational medicine, 14(672), eade1633.

Sayed S, et al. (2022) Efficient Correction of Oncogenic KRAS and TP53 Mutations through CRISPR Base Editing. Cancer research, 82(17), 3002.

Sidorova OA, et al. (2022) RNAi-Mediated Screen of Primary AML Cells Nominates MDM4 as a Therapeutic Target in NK-AML with DNMT3A Mutations. Cells, 11(5).

Tu T, et al. (2022) A precise and efficient adenine base editor. Molecular therapy : the journal of the American Society of Gene Therapy, 30(9), 2933.