

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pU6-Sp-pegRNA-HEK3_CTT_ins

RRID:Addgene_132778

Type: Plasmid

Proper Citation

RRID:Addgene_132778

Plasmid Information

URL: <http://www.addgene.org/132778>

Proper Citation: RRID:Addgene_132778

Insert Name: HEK3_CTT_ins pegRNA

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31634902](#)

Vector Backbone Description: Vector Backbone:pU6; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Insert size: 122 bp.

Plasmid Name: pU6-Sp-pegRNA-HEK3_CTT_ins

Relevant Mutation: See manuscript

Record Creation Time: 20220422T221736+0000

Record Last Update: 20260808T080804+0000

Ratings and Alerts

No rating or validation information has been found for pU6-Sp-pegRNA-HEK3_CTT_ins.

No alerts have been found for pU6-Sp-pegRNA-HEK3_CTT_ins.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Liu J, et al. (2025) SunTag-PE: a modular prime editing system enables versatile and efficient genome editing. *Communications biology*, 8(1), 452.

Li X, et al. (2024) Chromatin context-dependent regulation and epigenetic manipulation of prime editing. *Cell*, 187(10), 2411.

Le CT, et al. (2024) Two-motif model illuminates DICER??cleavage preferences. *Nucleic acids research*, 52(4), 1860.

Chen W, et al. (2024) Symbolic recording of signalling and cis-regulatory element activity to DNA. *Nature*, 632(8027), 1073.

She K, et al. (2023) Dual-AAV split prime editor corrects the mutation and phenotype in mice with inherited retinal degeneration. *Signal transduction and targeted therapy*, 8(1), 57.

Choi J, et al. (2022) Precise genomic deletions using paired prime editing. *Nature biotechnology*, 40(2), 218.

George A, et al. (2022) Efficient and error-free correction of sickle mutation in human erythroid cells using prime editor-2. *Frontiers in genome editing*, 4, 1085111.

Nguyen TD, et al. (2022) Secondary structure RNA elements control the cleavage activity of DICER. *Nature communications*, 13(1), 2138.

Wolff JH, et al. (2021) piggyPrime: High-Efficacy Prime Editing in Human Cells Using piggyBac-Based DNA Transposition. *Frontiers in genome editing*, 3, 786893.

Bharucha N, et al. (2021) Generation of AAVS1 integrated doxycycline-inducible CRISPR-Prime Editor human induced pluripotent stem cell line. *Stem cell research*, 57, 102610.

Billon P, et al. (2020) Detection of Marker-Free Precision Genome Editing and Genetic Variation through the Capture of Genomic Signatures. *Cell reports*, 30(10), 3280.