Resource Summary Report

Generated by RRID on Aug 30, 2026

Cbh_v5 AAV-ABE C-terminal

RRID:Addgene_137178
Type: Plasmid

Proper Citation

RRID:Addgene_137178

Plasmid Information

URL: http://www.addgene.org/137178

Proper Citation: RRID:Addgene_137178

Insert Name: v5 AAV-CBE C-terminal; U6-protospacer

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:31937940

Vector Backbone Description: Vector Backbone:px601; Vector Types:AAV; Bacterial Resistance:Ampicillin

Comments: Clone in protospacer by cutting with BsmBI/Esp3I, gel-extracting product to remove RFP dropout cassette, and ligating annealed oligos as described in methods. Background colonies will be RFP+. Inserts were Gibson-cloned into BshTI/BglII-restricted backbones to avoid ITR PCR.

Plasmid Name: Cbh_v5 AAV-ABE C-terminal

Record Creation Time: 20220422T221756+0000

Record Last Update: 20260829T075609+0000

Ratings and Alerts

No rating or validation information has been found for Cbh_v5 AAV-ABE C-terminal.

No alerts have been found for Cbh_v5 AAV-ABE C-terminal.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Ding Q, et al. (2025) Genomic Editing of a Pathogenic Sequence Variant in ACTA2 Rescues Multisystemic Smooth Muscle Dysfunction Syndrome in Mice. Circulation, 152(7), 465.

Alves CRR, et al. (2025) Treatment of a severe vascular disease using a bespoke CRISPR-Cas9 base editor in mice. Nature biomedical engineering.

Alves CRR, et al. (2024) Optimization of base editors for the functional correction of SMN2 as a treatment for spinal muscular atrophy. Nature biomedical engineering, 8(2), 118.

Lebek S, et al. (2024) CRISPR-Cas9 base editing of pathogenic CaMKII?? improves cardiac function in a humanized mouse model. The Journal of clinical investigation, 134(1).

Jin M, et al. (2024) Correction of human nonsense mutation via adenine base editing for Duchenne muscular dystrophy treatment in mouse. Molecular therapy. Nucleic acids, 35(2), 102165.

Chai AC, et al. (2023) Base editing correction of hypertrophic cardiomyopathy in human cardiomyocytes and humanized mice. Nature medicine, 29(2), 401.

Zou Q, et al. (2023) Photoactivatable base editors for spatiotemporally controlled genome editing in vivo. Biomaterials, 302, 122328.

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

Grosch M, et al. (2023) Striated muscle-specific base editing enables correction of mutations causing dilated cardiomyopathy. Nature communications, 14(1), 3714.

Chemello F, et al. (2021) Precise correction of Duchenne muscular dystrophy exon deletion mutations by base and prime editing. Science advances, 7(18).