Resource Summary Report

Generated by nidm-terms on Aug 10, 2026

pAC93-pmax-dCas9VP160

RRID:Addgene_48225
Type: Plasmid

Proper Citation

RRID:Addgene_48225

Plasmid Information

URL: http://www.addgene.org/48225

Proper Citation: RRID:Addgene_48225

Insert Name: dCas9(D10A;H840A) fusion with VP160 activation domain

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:23979020

Vector Backbone Description: Vector Backbone:pmax-DEST (Addgene: 48222); Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Kanamycin

Comments: For more information including protocols and updates, please go to http://www.crispr-on.org

Plasmid Name: pAC93-pmax-dCas9VP160

Relevant Mutation: D10A;H840A (catalytically inactive)

Record Creation Time: 20220422T222248+0000

Record Last Update: 20260808T081737+0000

Ratings and Alerts

No rating or validation information has been found for pAC93-pmax-dCas9VP160.

No alerts have been found for pAC93-pmax-dCas9VP160.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Schertzer MD, et al. (2019) A piggyBac-based toolkit for inducible genome editing in mammalian cells. RNA (New York, N.Y.), 25(8), 1047.

Haenfler JM, et al. (2018) Targeted Reactivation of FMR1 Transcription in Fragile X Syndrome Embryonic Stem Cells. Frontiers in molecular neuroscience, 11, 282.

Chavez A, et al. (2016) Comparison of Cas9 activators in multiple species. Nature methods, 13(7), 563.

Wu J, et al. (2016) Generation and validation of PAX7 reporter lines from human iPS cells using CRISPR/Cas9 technology. Stem cell research, 16(2), 220.

Jusiak B, et al. (2016) Engineering Synthetic Gene Circuits in Living Cells with CRISPR Technology. Trends in biotechnology, 34(7), 535.

Gao X, et al. (2014) Comparison of TALE designer transcription factors and the CRISPR/dCas9 in regulation of gene expression by targeting enhancers. Nucleic acids research, 42(20), e155.