

Resource Summary Report

Generated by [RRID](#) on Aug 22, 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: 20260815T081548+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 [RRID](#) .

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.