

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pAC149-pCR8-dCas9VP160

RRID:Addgene_48221

Type: Plasmid

Proper Citation

RRID:Addgene_48221

Plasmid Information

URL: <http://www.addgene.org/48221>

Proper Citation: RRID:Addgene_48221

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

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:23979020](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2799; Vector Backbone:pCR8/GW/TOPO; Vector Types:CRISPR, Gateway Cloning; Bacterial Resistance:Spectinomycin

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

Plasmid Name: pAC149-pCR8-dCas9VP160

Relevant Mutation: D10A;H840A nuclease-deficient

Record Creation Time: 20220422T222248+0000

Record Last Update: 20260815T081548+0000

Ratings and Alerts

No rating or validation information has been found for pAC149-pCR8-dCas9VP160.

No alerts have been found for pAC149-pCR8-dCas9VP160.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhang YM, et al. (2023) CRISPR/dCas9-Mediated Gene Silencing in Two Plant Fungal Pathogens. mSphere, 8(1), e0059422.