

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

PX855

RRID:Addgene_62887

Type: Plasmid

Proper Citation

RRID:Addgene_62887

Plasmid Information

URL: <http://www.addgene.org/62887>

Proper Citation: RRID:Addgene_62887

Insert Name: SpCas9 (aa 2-535)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25643054](#)

Vector Backbone Description: Backbone Marker:Zhang lab; Backbone Size:4222; Vector Backbone:PX330; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: PX855

Relevant Mutation: Aspartic acide 10 to Alanine (D10A)

Record Creation Time: 20220422T222400+0000

Record Last Update: 20260815T081756+0000

Ratings and Alerts

No rating or validation information has been found for PX855.

No alerts have been found for PX855.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Zhang L, et al. (2025) Near-infrared light activatable chemically induced CRISPR system. Light, science & applications, 14(1), 229.

Huynh N, et al. (2020) Spatial and temporal control of gene manipulation in Drosophila via drug-activated Cas9 nucleases. Insect biochemistry and molecular biology, 120, 103336.

Lu J, et al. (2018) Multimode drug inducible CRISPR/Cas9 devices for transcriptional activation and genome editing. Nucleic acids research, 46(5), e25.

Baeumler TA, et al. (2017) Engineering Synthetic Signaling Pathways with Programmable dCas9-Based Chimeric Receptors. Cell reports, 20(11), 2639.