

Resource Summary Report

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

PX856

RRID:Addgene_62888

Type: Plasmid

Proper Citation

RRID:Addgene_62888

Plasmid Information

URL: <http://www.addgene.org/62888>

Proper Citation: RRID:Addgene_62888

Insert Name: SpCas9 (aa536-1368)

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: PX856

Relevant Mutation: Asparagine 863 to Alanine (N863A)

Record Creation Time: 20220422T222400+0000

Record Last Update: 20260815T081757+0000

Ratings and Alerts

No rating or validation information has been found for PX856.

No alerts have been found for PX856.

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](#) .

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

Schimmel J, et al. (2021) Small tandem DNA duplications result from CST-guided Pol δ -primase action at DNA break termini. Nature communications, 12(1), 4843.

Lee YT, et al. (2020) Expanding the Chemogenetic Toolbox by Circular Permutation. Journal of molecular biology, 432(10), 3127.

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.

Schimmel J, et al. (2017) Mutational signatures of non-homologous and polymerase theta-mediated end-joining in embryonic stem cells. The EMBO journal, 36(24), 3634.