

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pAAVS1-PDi-CRISPRn

RRID:Addgene_73500

Type: Plasmid

Proper Citation

RRID:Addgene_73500

Plasmid Information

URL: <http://www.addgene.org/73500>

Proper Citation: RRID:Addgene_73500

Insert Name: Cas9

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26971820](#)

Vector Backbone Description: Backbone Size:3356; Vector Backbone:pAAVS1; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pAAVS1-PDi-CRISPRn

Record Creation Time: 20220422T222450+0000

Record Last Update: 20260815T081929+0000

Ratings and Alerts

No rating or validation information has been found for pAAVS1-PDi-CRISPRn.

No alerts have been found for pAAVS1-PDi-CRISPRn.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Zhang X, et al. (2026) Human pancreatic progenitor organoids define genetic and epigenetic barriers to early PDAC transformation. *Developmental cell*, 61(6), 1190.

Cai T, et al. (2026) Intermolecular 3'UTR-3'UTR interactions drive Wnt gene activation through heteromeric protein assembly. *bioRxiv : the preprint server for biology*.

Roussange F, et al. (2026) Integrative analysis of drug-gene signatures in human pluripotent stem cells reveals prazosin as a novel SQSTM1 regulator for ALS therapeutics. *Stem cell reports*, 21(7), 102977.

Hilal N, et al. (2025) Somatic Genomic and Transcriptomic Changes in Single Ischemic Human Heart Cardiomyocytes. *Research square*.

Shao M, et al. (2025) NANOG governs cell metabolism and redox homeostasis in human na??ve embryonic stem cells. *EMBO reports*, 26(24), 6292.

Ni J, et al. (2025) Optimization of gene knockout approaches and sgRNA selection in hPSCs with inducible Cas9 expression. *Scientific reports*, 15(1), 40461.

Gao L, et al. (2024) Selective gene expression maintains human tRNA anticodon pools during differentiation. *Nature cell biology*, 26(1), 100.

Figarol S, et al. (2024) Farnesyltransferase inhibition overcomes oncogene-addicted non-small cell lung cancer adaptive resistance to targeted therapies. *Nature communications*, 15(1), 5345.

Nandy K, et al. (2023) Efficient gene editing in induced pluripotent stem cells enabled by an inducible adenine base editor with tunable expression. *Scientific reports*, 13(1), 21953.

Ijee S, et al. (2023) Efficient deletion of microRNAs using CRISPR/Cas9 with dual guide RNAs. *Frontiers in molecular biosciences*, 10, 1295507.

Thamodaran V, et al. (2022) Gene Editing in Human Induced Pluripotent Stem Cells Using Doxycycline-Inducible CRISPR-Cas9 System. *Methods in molecular biology (Clifton, N.J.)*, 2454, 755.

Ma H, et al. (2022) The nuclear receptor THRB facilitates differentiation of human PSCs into more mature hepatocytes. *Cell stem cell*, 29(5), 795.

Manceau L, et al. (2022) Divergent transcriptional and transforming properties of PAX3-FOXO1 and PAX7-FOXO1 paralogs. *PLoS genetics*, 18(5), e1009782.

Akerberg AA, et al. (2022) RBPMS2 Is a Myocardial-Enriched Splicing Regulator Required for Cardiac Function. *Circulation research*, 131(12), 980.

Pourtoy-Brasselet S, et al. (2021) Human iPSC-derived neurons reveal early developmental alteration of neurite outgrowth in the late-occurring neurodegenerative Wolfram syndrome. *American journal of human genetics*, 108(11), 2171.

Ding Y, et al. (2020) Generation of a human induced pluripotent stem cell line with Cas9 driven by Tet-on operator via AAVS1 safe harbor gene-editing. *Stem cell research*, 49, 102064.

Laflamme C, et al. (2019) Implementation of an antibody characterization procedure and application to the major ALS/FTD disease gene C9ORF72. *eLife*, 8.