

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

M-SPn-VP64

RRID:Addgene_48674

Type: Plasmid

Proper Citation

RRID:Addgene_48674

Plasmid Information

URL: <http://www.addgene.org/48674>

Proper Citation: RRID:Addgene_48674

Insert Name: Cas9-VP64, nuclease-null

Organism: S. pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24076762](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pcDNA3.3 TOPO; Vector Types:CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: M-SPn-VP64

Relevant Mutation: nuclease-null

Record Creation Time: 20220422T222250+0000

Record Last Update: 20260815T081553+0000

Ratings and Alerts

No rating or validation information has been found for M-SPn-VP64.

No alerts have been found for M-SPn-VP64.

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](#) .

Zhan H, et al. (2019) Multiplexed promoterless gene expression with CRISPRReader. *Genome biology*, 20(1), 113.

Stepper P, et al. (2017) Efficient targeted DNA methylation with chimeric dCas9-Dnmt3a-Dnmt3L methyltransferase. *Nucleic acids research*, 45(4), 1703.

Saunderson EA, et al. (2017) Hit-and-run epigenetic editing prevents senescence entry in primary breast cells from healthy donors. *Nature communications*, 8(1), 1450.

Xie H, et al. (2017) LncRNA MALAT1 Inhibits Apoptosis and Promotes Invasion by Antagonizing miR-125b in Bladder Cancer Cells. *Journal of Cancer*, 8(18), 3803.

Liao HK, et al. (2017) In Vivo Target Gene Activation via CRISPR/Cas9-Mediated Trans-epigenetic Modulation. *Cell*, 171(7), 1495.

Liu Y, et al. (2016) Directing cellular information flow via CRISPR signal conductors. *Nature methods*, 13(11), 938.