

Resource Summary Report

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

[pY014 \(pcDNA3.1-hMbCpf1\)](#)

RRID:Addgene_69986

Type: Plasmid

Proper Citation

RRID:Addgene_69986

Plasmid Information

URL: <http://www.addgene.org/69986>

Proper Citation: RRID:Addgene_69986

Insert Name: hMbCpf1

Organism: Moraxella_bovoculi_237

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26422227](#)

Vector Backbone Description: Backbone Size:5354; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pY014 (pcDNA3.1-hMbCpf1)

Record Creation Time: 20220422T222433+0000

Record Last Update: 20260815T081857+0000

Ratings and Alerts

No rating or validation information has been found for pY014 (pcDNA3.1-hMbCpf1).

No alerts have been found for pY014 (pcDNA3.1-hMbCpf1).

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](#) .

Tang L, et al. (2019) Efficient cleavage resolves PAM preferences of CRISPR-Cas in human cells. *Cell regeneration* (London, England), 8(2), 44.

Kleinstiver BP, et al. (2019) Engineered CRISPR-Cas12a variants with increased activities and improved targeting ranges for gene, epigenetic and base editing. *Nature biotechnology*, 37(3), 276.

T??th E, et al. (2018) Mb- and FnCpf1 nucleases are active in mammalian cells: activities and PAM preferences of four wild-type Cpf1 nucleases and of their altered PAM specificity variants. *Nucleic acids research*, 46(19), 10272.

Marino ND, et al. (2018) Discovery of widespread type I and type V CRISPR-Cas inhibitors. *Science* (New York, N.Y.), 362(6411), 240.