

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pcDNA3.3_OCT4

RRID:Addgene_26816

Type: Plasmid

Proper Citation

RRID:Addgene_26816

Plasmid Information

URL: <http://www.addgene.org/26816>

Proper Citation: RRID:Addgene_26816

Insert Name: 5'UTR-OCT4-3'UTR

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20888316](#)

Vector Backbone Description: Backbone Size:5400; Vector Backbone:pcDNA3.3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Note that OCT4 has some silent mutations. Also note that orientation of the insert in pcDNA does not matter -- they were cloned by TA-cloning, and either orientation is fine.

Plasmid Name: pcDNA3.3_OCT4

Record Creation Time: 20220422T222120+0000

Record Last Update: 20260808T081457+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.3_OCT4.

No alerts have been found for pcDNA3.3_OCT4.

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 [nidm-terms](#) .

Christofidou ED, et al. (2024) Oct4 is a gatekeeper of epithelial identity by regulating cytoskeletal organization in skin keratinocytes. Cell reports, 43(3), 113859.

Kogut I, et al. (2018) High-efficiency RNA-based reprogramming of human primary fibroblasts. Nature communications, 9(1), 745.

Hattermann K, et al. (2016) Stem cell markers in glioma progression and recurrence. International journal of oncology, 49(5), 1899.

Cioce M, et al. (2014) Protumorigenic effects of mir-145 loss in malignant pleural mesothelioma. Oncogene, 33(46), 5319.