

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pMSCV-Flag-hOct4

RRID:Addgene_20072

Type: Plasmid

Proper Citation

RRID:Addgene_20072

Plasmid Information

URL: <http://www.addgene.org/20072>

Proper Citation: RRID:Addgene_20072

Insert Name: hOct4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18931654](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:5111; Vector Backbone:pMSCV; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: Created by Maria J. Barrero. cDNA was amplified from ES[4]mRNA.

Plasmid Name: pMSCV-Flag-hOct4

Record Creation Time: 20220422T222049+0000

Record Last Update: 20260725T074415+0000

Ratings and Alerts

No rating or validation information has been found for pMSCV-Flag-hOct4.

No alerts have been found for pMSCV-Flag-hOct4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Chen Z, et al. (2017) A Tunable Brake for HECT Ubiquitin Ligases. *Molecular cell*, 66(3), 345.

Lorenzo IM, et al. (2013) Generation of mouse and human induced pluripotent stem cells (iPSC) from primary somatic cells. *Stem cell reviews and reports*, 9(4), 435.

Montserrat N, et al. (2012) Generation of induced pluripotent stem cells from human renal proximal tubular cells with only two transcription factors, OCT4 and SOX2. *The Journal of biological chemistry*, 287(29), 24131.

Vassena R, et al. (2012) Accumulation of instability in serial differentiation and reprogramming of parthenogenetic human cells. *Human molecular genetics*, 21(15), 3366.

Montserrat N, et al. (2012) Generation of feeder-free pig induced pluripotent stem cells without Pou5f1. *Cell transplantation*, 21(5), 815.

Montserrat N, et al. (2011) Generation of pig iPS cells: a model for cell therapy. *Journal of cardiovascular translational research*, 4(2), 121.

Koch P, et al. (2011) Excitation-induced ataxin-3 aggregation in neurons from patients with Machado-Joseph disease. *Nature*, 480(7378), 543.

Aasen T, et al. (2010) Isolation and cultivation of human keratinocytes from skin or plucked hair for the generation of induced pluripotent stem cells. *Nature protocols*, 5(2), 371.

Giorgetti A, et al. (2010) Generation of induced pluripotent stem cells from human cord blood cells with only two factors: Oct4 and Sox2. *Nature protocols*, 5(4), 811.

Raya A, et al. (2010) A protocol describing the genetic correction of somatic human cells and subsequent generation of iPS cells. *Nature protocols*, 5(4), 647.