# Resource Summary Report

Generated by NIF on Jul 29, 2026

## pCXLE-hOCT3/4

RRID:Addgene_27076
Type: Plasmid

### Proper Citation

RRID:Addgene_27076

### Plasmid Information

**URL:** http://www.addgene.org/27076

**Proper Citation:** RRID:Addgene_27076

**Insert Name:** OCT3/4

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:21460823

**Vector Backbone Description:** Backbone Size:10180; Vector Backbone:pCXLE; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pCXLE-hOCT3/4

**Record Creation Time:** 20220422T222121+0000

**Record Last Update:** 20260725T074514+0000

### Ratings and Alerts

No rating or validation information has been found for pCXLE-hOCT3/4.

No alerts have been found for pCXLE-hOCT3/4.

### Data and Source Information

**Source:** Addgene

### Usage and Citation Metrics

We found 51 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF .


Urdaneta KE, et al. (2025) Generation of patient-derived and gene-corrected hiPSC lines from Hereditary Hemorrhagic Telangiectasia type 2 patients with ACVRL1 c.1042delG mutation. Stem cell research, 88, 103812.

Almaghrabi R, et al. (2025) A heterozygous CEBPA mutation disrupting the bZIP domain in a RUNX1 and SRSF2 mutational background causes MDS disease progression. Nature communications, 16(1), 5489.

Marteau S, et al. (2025) Generation of a FAM189A2/ENTREP1 knockout human induced pluripotent stem cell line using CRISPR/Cas9 technology. Stem cell research, 89, 103857.

MacCarthy CM, et al. (2024) Highly cooperative chimeric super-SOX induces naive pluripotency across species. Cell stem cell, 31(1), 127.

Duboscq-Bidot L, et al. (2024) Generation of CRISPR-Cas9 edited human induced pluripotent stem cell line carrying BAG3 V468M mutation in its BAG domain. Stem cell research, 74, 103294.

Pierre B, et al. (2024) Generation of CRISPR/Cas9 edited human induced pluripotent stem cell line carrying the heterozygous p.H695VfsX5 frameshift mutation in the exon 10 of the PKP2 gene. Stem cell research, 76, 103341.

Kim M, et al. (2023) Generation of Induced Pluripotent Stem Cells from Lymphoblastoid Cell Lines by Electroporation of Episomal Vectors. International journal of stem cells, 16(1), 36.

Chemla A, et al. (2023) Generation of two induced pluripotent stem cell lines and the corresponding isogenic controls from Parkinson's disease patients carrying the heterozygous mutations c.815G > A (p.R272Q) or c.1348C > T (p.R450C) in the RHOT1 gene encoding Miro1. Stem cell research, 71, 103145.

Baden P, et al. (2023) Glucocerebrosidase is imported into mitochondria and preserves complex I integrity and energy metabolism. Nature communications, 14(1), 1930.

Sukparangsi W, et al. (2022) Establishment of fishing cat cell biobanking for sustainable conservation. Frontiers in veterinary science, 9, 989670.

Mencke P, et al. (2022) Generation and characterization of a genetic Parkinson's disease-patient derived iPSC line DJ-1-delP (LCSBi008-A). Stem cell research, 62, 102792.

Ader F, et al. (2022) Generation of CRISPR-Cas9 edited human induced pluripotent stem cell line carrying FLNC exon skipping variant. Stem cell research, 58, 102616.

Mencke P, et al. (2022) Generation of isogenic control DJ-1-delP GC13 for the genetic Parkinson's disease-patient derived iPSC line DJ-1-delP (LCSBi008-A-1). Stem cell research, 62, 102815.

Mengel D, et al. (2021) A de novo STUB1 variant associated with an early adult-onset multisystemic ataxia phenotype. Journal of neurology, 268(10), 3845.

de Rus Jacquet A, et al. (2021) The LRRK2 G2019S mutation alters astrocyte-to-neuron communication via extracellular vesicles and induces neuron atrophy in a human iPSC-derived model of Parkinson's disease. eLife, 10.

Inzunza J, et al. (2021) Generation of nonviral integration-free human iPS cell line KISCOi001-A from normal human fibroblasts, under defined xeno-free and feeder-free conditions. Stem cell research, 51, 102193.

Liu R, et al. (2021) Generation of two induced pluripotent stem cell lines from blood cells of a prostate cancer patient carrying germline mutation in CHEK2. Stem cell research, 53, 102299.

Beekhuis-Hoekstra SD, et al. (2021) Systematic assessment of variability in the proteome of iPSC derivatives. Stem cell research, 56, 102512.

Bliley JM, et al. (2021) Dynamic loading of human engineered heart tissue enhances contractile function and drives a desmosome-linked disease phenotype. Science translational medicine, 13(603).

Vermeer MC, et al. (2021) Gain-of-function mutation in ubiquitin-ligase KLHL24 causes desmin degradation and dilatation in hiPSC-derived engineered heart tissues. The Journal of clinical investigation, 131(17).