

Resource Summary Report

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

pCXLE-hSK

RRID:Addgene_27078

Type: Plasmid

Proper Citation

RRID:Addgene_27078

Plasmid Information

URL: <http://www.addgene.org/27078>

Proper Citation: RRID:Addgene_27078

Insert Name: SOX2, KLF4

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-hSK

Record Creation Time: 20220422T222121+0000

Record Last Update: 20260808T081500+0000

Ratings and Alerts

No rating or validation information has been found for pCXLE-hSK.

No alerts have been found for pCXLE-hSK.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 378 mentions in open access literature.

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

Øhlenschläger MS, et al. (2026) Multi-omic analysis of guided and unguided forebrain organoids reveals differences in cellular composition and metabolic profiles. *Cell reports methods*, 6(2), 101295.

Loureiro JR, et al. (2026) The insertion of an ATTTC repeat in an Alu element hyperactivates a neurodevelopmental enhancer in spinocerebellar ataxia type 37. *Cell reports*, 45(4), 117146.

Guguin J, et al. (2026) Generation of the iPSC line CRNLI001-A from a patient with microcephaly and harbouring the most recurrent RTTN variant, c.2953A>G, at homozygous state. *Stem cell research*, 92, 103940.

Peng X, et al. (2026) Generation of a human induced pluripotent stem cell line (FDIBSi002-A) derived from a patient with DYRK1A syndrome carrying a heterozygous DYRK1A mutation (c.1042G>A). *Stem cell research*, 91, 103917.

Chen Q, et al. (2026) ADNP missense variant p.C687R disrupts chromatin regulation and GABAergic differentiation in Helsmoortel-Van der Aa syndrome. *Molecular autism*, 17(1).

Ham S, et al. (2025) Potential use of human pluripotency-related gene expression reporter cell line for screening small molecules to enhance induction of pluripotency. *BMB reports*, 58(4), 183.

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.

Jagadeesan SK, et al. (2025) Transcriptomic and Functional Landscape of Adult Human Spinal Cord NSPCs Compared to iPSC-Derived Neural Progenitor Cells. *Cells*, 14(2).

Stangner K, et al. (2025) Apremilast improves cardiomyocyte cohesion and arrhythmia in different models for arrhythmogenic cardiomyopathy. *Stem cell research & therapy*, 16(1), 609.

Wogram E, et al. (2025) Human iPSC-Derived Microglia Integrate Into Cerebral Organoids and Assume an In Vivo-Like Phenotype. *The European journal of neuroscience*, 62(9), e70281.

Shimizu T, et al. (2025) Generation of human induced pluripotent stem cell lines derived from Wolf-Hirschhorn syndrome patients with chromosomal 4p deletion. *Human cell*, 38(6), 164.

Giovenale AMG, et al. (2025) Generation and characterization of a patient-derived iPSC line, CSSi022-A (15666), with a pathogenic MFN2 mutation causing Charcot-Marie-Tooth disease type 2A. *Stem cell research*, 88, 103817.

Heo SE, et al. (2025) Innovative integration of biometric data and blockchain to enhance ownership and trust with NFTs. *Scientific reports*, 15(1), 18050.

Ramachandran H, et al. (2025) Reprogramming Patient-Derived urine cells into iPSCs for Anti-GAD65 autoimmune encephalitis research. Stem cell research, 87, 103790.

Wang K, et al. (2025) Differentiation of patient-specific induced pluripotent stem cells derived from type 1 diabetes peripheral blood mononuclear cells into pancreatic β -like cells. World journal of stem cells, 17(7), 104607.

Ashrafi A, et al. (2025) Generation of human induced pluripotent stem cell lines from an age-related macular degeneration patient with hyperreflective foci overlying drusen (RFSCi002-A) and an unaffected sibling (RFSCi001-A). Stem cell research, 86, 103715.

Conte S, et al. (2025) Distinct Inflammatory Responses of hiPSC-Derived Endothelial Cells and Cardiomyocytes to Cytokines Involved in Immune Checkpoint Inhibitor-Associated Myocarditis. Cells, 14(17).

Innachai P, et al. (2025) Generation of an integration-free induced pluripotent stem cell line, MURAi006-A, from a hemoglobin E/ β^0 -thalassemia patient harboring the β^E/β^0 (Codon 17, A > T) compound heterozygous mutation. Stem cell research, 85, 103702.

Rajendran N, et al. (2025) Generation of induced pluripotent stem cell lines (RFSCi003-A, RFSCi004-A) from monozygotic twins discordant for age-related macular degeneration. Stem cell research, 87, 103768.

Chen X, et al. (2025) Human iPSC-derived microglial cells protect neurons from neurodegeneration in long-term cultured adhesion brain organoids. Communications biology, 8(1), 30.