

Resource Summary Report

Generated by [NIF](#) on Jul 29, 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: 20260725T074514+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 372 mentions in open access literature.

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

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).

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.

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.

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.

Gürhan G, et al. (2025) A chromatin-focused CRISPR screen identifies USP22 as a barrier to somatic cell reprogramming. *Communications biology*, 8(1), 454.

Mato-Blanco X, et al. (2025) Early developmental origins of cortical disorders modeled in human neural stem cells. *Nature communications*, 16(1), 6347.

Jiamvoraphong N, et al. (2025) Establishment of the integration-free Class I and Class II 11 loci homozygous HLA iPSC line (MUSli023-A) from peripheral blood mononuclear cells of a Thai donor. *Stem cell research*, 88, 103840.

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.

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

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

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).

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.

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.

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

Gray OA, et al. (2025) Transcriptomic analysis of iPSC-derived endothelium reveals adaptations to high altitude hypoxia in energy metabolism and inflammation. *PLoS genetics*, 21(2), e1011570.

Surendran H, et al. (2025) Generation of a human induced pluripotent stem cell (iPSC) line ERPLi004-A from an Alpha-1 antitrypsin deficiency (AATD) patient with SERPINA1 mutation. *Stem cell research*, 83, 103664.