

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

pCE-hSK

RRID:Addgene_41814

Type: Plasmid

Proper Citation

RRID:Addgene_41814

Plasmid Information

URL: <http://www.addgene.org/41814>

Proper Citation: RRID:Addgene_41814

Insert Name: SOX2, KLF4

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23193063](#)

Vector Backbone Description: Backbone Size:9364; Vector Backbone:pCE; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCE-hSK

Record Creation Time: 20220422T222216+0000

Record Last Update: 20260725T074655+0000

Ratings and Alerts

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

No alerts have been found for pCE-hSK.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 47 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Yamazaki A, et al. (2025) Non-viral derivation of induced pluripotent stem cells from the canine umbilical cord. PloS one, 20(6), e0315161.

Gridina M, et al. (2025) Combining chromosome conformation capture and exome sequencing for simultaneous detection of structural and single-nucleotide variants. Genome medicine, 17(1), 47.

Tanaka A, et al. (2025) Establishment of the NUMNi001-A human iPSC line from peripheral blood mononuclear cells of a healthy male donor. Stem cell research, 87, 103765.

Landi E, et al. (2025) Biallelic excision of the CTG18.1 expansion in two Fuchs endothelial corneal dystrophy-derived iPSC lines and one control (SCTCi046-A-1, SCTCi047-A-1 and SCTCi041-A-1) using an episomal vector-based CRISPR/Cas9 approach. Stem cell research, 89, 103881.

Podvysotskaya VS, et al. (2025) Generation and characterisation of seven induced pluripotent stem cell lines from two patients with Parkinson's disease carrying the pathological variant c.1087G>T of the LGR4 gene. Vavilovskii zhurnal genetiki i selektsii, 29(1), 15.

Hébert-Milette I, et al. (2025) Inflammatory bowel disease risk gene C1ORF106 regulates actin dynamics in intestinal epithelial cells. bioRxiv : the preprint server for biology.

Means JC, et al. (2025) Rapid and scalable personalized ASO screening in patient-derived organoids. Nature, 638(8049), 237.

Triebelhorn J, et al. (2024) Induced neural progenitor cells and iPS-neurons from major depressive disorder patients show altered bioenergetics and electrophysiological properties. Molecular psychiatry, 29(5), 1217.

Grigor'eva EV, et al. (2024) Generation of iPSCs from a Patient with the M694V Mutation in the MEFV Gene Associated with Familial Mediterranean Fever and Their Differentiation into Macrophages. International journal of molecular sciences, 25(11).

Yarkova ES, et al. (2024) Detection of ER Stress in iPSC-Derived Neurons Carrying the p.N370S Mutation in the GBA1 Gene. Biomedicines, 12(4).

Zhao M, et al. (2024) KIF1A, R1457Q, and P1688L Mutations Induce Protein Abnormal Aggregation and Autophagy Impairment in iPSC-Derived Motor Neurons. Biomedicines, 12(8).

Raabe FJ, et al. (2024) Polygenic risk for schizophrenia converges on alternative polyadenylation as molecular mechanism underlying synaptic impairment. bioRxiv : the preprint server for biology.

Grigor'eva EV, et al. (2024) Generation and characterization of two induced pluripotent stem cell lines (ICGi052-A and ICGi052-B) from a patient with frontotemporal dementia

with parkinsonism-17 associated with the pathological variant c.2013T>G in the MAPT gene. Vavilovskii zhurnal genetiki i selektsii, 28(7), 679.

Gélinas R, et al. (2024) Human induced pluripotent stem cells (hiPSCs) derived cells reflect tissue specificity found in patients with Leigh syndrome French Canadian variant (LSFC). Frontiers in genetics, 15, 1375467.

Breitmeyer R, et al. (2023) Regulation of synaptic connectivity in schizophrenia spectrum by mutual neuron-microglia interaction. Communications biology, 6(1), 472.

Yoshimatsu S, et al. (2023) Generation of a tyrosine hydroxylase-2A-Cre knockin non-human primate model by homology-directed-repair-biased CRISPR genome editing. Cell reports methods, 3(9), 100590.

Yarkova ES, et al. (2023) iPSC-Derived Astrocytes Contribute to In Vitro Modeling of Parkinson's Disease Caused by the GBA1 N370S Mutation. International journal of molecular sciences, 25(1).

Morimoto S, et al. (2023) Phase 1/2a clinical trial in ALS with ropinirole, a drug candidate identified by iPSC drug discovery. Cell stem cell, 30(6), 766.

Gridina MM, et al. (2022) Generation of iPS cell line (ICGi040-A) from skin fibroblasts of a patient with ring small supernumerary marker chromosome 4. Stem cell research, 61, 102740.

de Jong S, et al. (2022) Generation of an iPSC line (SCTCi014-A) and isogenic control line (SCTCi014-A-1) from an age-related macular degeneration patient carrying the variant c.355G>A in the CFI gene. Stem cell research, 62, 102797.