

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pCXLE-hMLN

RRID:Addgene_27079

Type: Plasmid

Proper Citation

RRID:Addgene_27079

Plasmid Information

URL: <http://www.addgene.org/27079>

Proper Citation: RRID:Addgene_27079

Insert Name: C-MYC, LIN28, NANOG

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-hMLN

Record Creation Time: 20220422T222121+0000

Record Last Update: 20260725T074514+0000

Ratings and Alerts

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

No alerts have been found for pCXLE-hMLN.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Zywitza V, et al. (2022) Naïve-like pluripotency to pave the way for saving the northern white rhinoceros from extinction. *Scientific reports*, 12(1), 3100.

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.

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).

Wages PA, et al. (2020) Screening ToxCast™ for Chemicals That Affect Cholesterol Biosynthesis: Studies in Cell Culture and Human Induced Pluripotent Stem Cell-Derived Neuroprogenitors. *Environmental health perspectives*, 128(1), 17014.

Yuan Y, et al. (2019) A six-inhibitor culture medium for improving naïve-type pluripotency of porcine pluripotent stem cells. *Cell death discovery*, 5, 104.

Modic M, et al. (2019) Cross-Regulation between TDP-43 and Paraspeckles Promotes Pluripotency-Differentiation Transition. *Molecular cell*, 74(5), 951.

Simmons CQ, et al. (2018) Direct evidence of impaired neuronal Na/K-ATPase pump function in alternating hemiplegia of childhood. *Neurobiology of disease*, 115, 29.

Kajiwara K, et al. (2017) Fetal Therapy Model of Myelomeningocele with Three-Dimensional Skin Using Amniotic Fluid Cell-Derived Induced Pluripotent Stem Cells. *Stem cell reports*, 8(6), 1701.

Hämäläinen RH, et al. (2016) Generation and Characterization of Induced Pluripotent Stem Cells from Patients with mtDNA Mutations. *Methods in molecular biology* (Clifton, N.J.), 1353, 65.

Tidball AM, et al. (2016) Genomic Instability Associated with p53 Knockdown in the Generation of Huntington's Disease Human Induced Pluripotent Stem Cells. *PloS one*, 11(3), e0150372.