

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

[pCX-cMyc](#)

RRID:Addgene_19772

Type: Plasmid

Proper Citation

RRID:Addgene_19772

Plasmid Information

URL: <http://www.addgene.org/19772>

Proper Citation: RRID:Addgene_19772

Insert Name: c-Myc

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18845712](#)

Vector Backbone Description: Backbone Marker:Jun-ichi Miyazaki; Backbone Size:4778; Vector Backbone:pCX; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCX-cMyc

Record Creation Time: 20220422T222047+0000

Record Last Update: 20260801T080951+0000

Ratings and Alerts

No rating or validation information has been found for pCX-cMyc.

No alerts have been found for pCX-cMyc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

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.

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.

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.

Lolla P, et al. (2021) Inositol pyrophosphates promote MYC polyubiquitination by FBW7 to regulate cell survival. The Biochemical journal, 478(8), 1647.

Lesueur LL, et al. (2016) Overcoming the Specific Toxicity of Large Plasmids Electrotransfer in Primary Cells In Vitro. Molecular therapy. Nucleic acids, 5(3), e291.

Chung SI, et al. (2016) Development of a transgenic mouse model of hepatocellular carcinoma with a liver fibrosis background. BMC gastroenterology, 16, 13.

Kim E, et al. (2016) Putative embryonic stem cells derived from porcine cloned blastocysts using induced pluripotent stem cells as donors. Theriogenology, 85(4), 601.

Kim JS, et al. (2016) Generation of Partially Reprogrammed Cells and Fully Reprogrammed iPS Cells by Plasmid Transfection. Methods in molecular biology (Clifton, N.J.), 1357, 85.

Zhao H, et al. (2015) A highly optimized protocol for reprogramming cancer cells to pluripotency using nonviral plasmid vectors. Cellular reprogramming, 17(1), 7.

Fink KD, et al. (2014) Survival and differentiation of adenovirus-generated induced pluripotent stem cells transplanted into the rat striatum. Cell transplantation, 23(11), 1407.

Yilmazer A, et al. (2013) In vivo reprogramming of adult somatic cells to pluripotency by overexpression of Yamanaka factors. Journal of visualized experiments : JoVE(82), e50837.

Park JK, et al. (2013) Primed pluripotent cell lines derived from various embryonic origins and somatic cells in pig. PloS one, 8(1), e52481.

Hiyama A, et al. (2011) Effects of a glycogen synthase kinase-3?? inhibitor (LiCl) on c-myc protein in intervertebral disc cells. Journal of cellular biochemistry, 112(10), 2974.

Okita K, et al. (2010) Generation of mouse-induced pluripotent stem cells with plasmid vectors. Nature protocols, 5(3), 418.