

Resource Summary Report

Generated by [RRID](#) on Sep 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: 20260829T080149+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 16 mentions in open access literature.

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

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.

Varela-Castillo P, et al. (2025) Highly Efficient Site-Specific and Cassette Mutagenesis of Plasmids Harboring GC-Rich Sequences. *Cells*, 14(24).

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.

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.

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.

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.

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

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.