

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

pCLE

RRID:Addgene_17703

Type: Plasmid

Proper Citation

RRID:Addgene_17703

Plasmid Information

URL: <http://www.addgene.org/17703>

Proper Citation: RRID:Addgene_17703

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10839358](#)

Vector Backbone Description: Backbone Size:7600; Vector Backbone:pCLE; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: pCLE includes a modified 5' LTR (CMV/MLV) to obtain higher titers, as well as the Xenopus EF1alpha enhancer/promoter to improve vector expression in the brain. In addition, the vector is dicistronic and utilizes an IRES to allow translation of the reporter gene, human placental alkaline phosphatase (PLAP).

Plasmid Name: pCLE

Record Creation Time: 20220422T222022+0000

Record Last Update: 20260808T081310+0000

Ratings and Alerts

No rating or validation information has been found for pCLE.

No alerts have been found for pCLE.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Chen W, et al. (2022) Notch3 Transactivates Glycogen Synthase Kinase-3-Beta and Inhibits Epithelial-to-Mesenchymal Transition in Breast Cancer Cells. *Cells*, 11(18).

Zhang YQ, et al. (2021) Notch3 inhibits cell proliferation and tumorigenesis and predicts better prognosis in breast cancer through transactivating PTEN. *Cell death & disease*, 12(6), 502.

Wu Y, et al. (2020) MicroRNA-488 inhibits proliferation and motility of tumor cells via downregulating FSCN1, modulated by Notch3 in breast carcinomas. *Cell death & disease*, 11(10), 912.

Liang YK, et al. (2018) MiR-221/222 promote epithelial-mesenchymal transition by targeting Notch3 in breast cancer cell lines. *NPJ breast cancer*, 4, 20.

Lin HY, et al. (2018) Notch3 inhibits epithelial-mesenchymal transition in breast cancer via a novel mechanism, upregulation of GATA-3 expression. *Oncogenesis*, 7(8), 59.

Dou XW, et al. (2017) Notch3 Maintains Luminal Phenotype and Suppresses Tumorigenesis and Metastasis of Breast Cancer via Trans-Activating Estrogen Receptor-??. *Theranostics*, 7(16), 4041.

Morgan KM, et al. (2017) Gamma Secretase Inhibition by BMS-906024 Enhances Efficacy of Paclitaxel in Lung Adenocarcinoma. *Molecular cancer therapeutics*, 16(12), 2759.