

# Resource Summary Report

Generated by [dkNET](#) on Aug 3, 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:** 20260801T080902+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 [dkNET](#) .

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.