Resource Summary Report

Generated by nidm-terms on Aug 10, 2026

pCLE NICD3

RRID:Addgene_26894
Type: Plasmid

Proper Citation

RRID:Addgene_26894

Plasmid Information

URL: http://www.addgene.org/26894

Proper Citation: RRID:Addgene_26894

Insert Name: NICD3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:16508304

Vector Backbone Description: Backbone Size:0; Vector Backbone:pCLE; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: EF1a xenopus enhancer-promoter-hNICD3-IRES-AlkPhos A1757T mutation in Notch3 is not known to affect function.

Plasmid Name: pCLE NICD3

Record Creation Time: 20220422T222120+0000

Record Last Update: 20260808T081458+0000

Ratings and Alerts

No rating or validation information has been found for pCLE NICD3.

No alerts have been found for pCLE NICD3.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Alve S, et al. (2024) DLL4/Notch3/WNT5B axis mediates bidirectional prometastatic crosstalk between melanoma and lymphatic endothelial cells. JCI insight, 9(1).

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.

Han Q, et al. (2020) Notch3 is involved in the proliferation of renal cancer cells via regulation of cell cycle progression and HIF-2?. Oncology letters, 20(6), 379.

Ganguly SS, et al. (2020) Notch3 promotes prostate cancer-induced bone lesion development via MMP-3. Oncogene, 39(1), 204.

Papadakos KS, et al. (2019) Cartilage Oligomeric Matrix Protein initiates cancer stem cells through activation of Jagged1-Notch3 signaling. Matrix biology : journal of the International Society for Matrix Biology, 81, 107.

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.

Pekkonen P, et al. (2018) Lymphatic endothelium stimulates melanoma metastasis and invasion via MMP14-dependent Notch3 and ?1-integrin activation. eLife, 7.

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

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.

Gomi K, et al. (2015) Activation of NOTCH1 or NOTCH3 signaling skews human airway basal cell differentiation toward a secretory pathway. PloS one, 10(2), e0116507.