

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

EF.hICN1.Ubc.GFP

RRID:Addgene_17626

Type: Plasmid

Proper Citation

RRID:Addgene_17626

Plasmid Information

URL: <http://www.addgene.org/17626>

Proper Citation: RRID:Addgene_17626

Insert Name: ICN1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16513761](#)

Vector Backbone Description: Backbone Size:11500; Vector Backbone:cFUGW; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Addgene sequence shows that there is an A1902S mutation in Notch1 relative to NCBI sequences. This mutation is not known to affect function. hICN1 driven by the EF-1a promoter and a GFP reporter driven by the ubiquitin C (Ubc) promoter. Recombinant LVs were produced by transient transfection of the transducing vector into 293T cells with two packaging vectors: pMD.G, a plasmid expressing the VSV-G envelope gene, and pCMVDeltaR8.91, a plasmid expressing the HIV-1 gag/pol, tat, and rev genes.

Plasmid Name: EF.hICN1.Ubc.GFP

Record Creation Time: 20220422T222018+0000

Record Last Update: 20260815T081057+0000

Ratings and Alerts

No rating or validation information has been found for EF.hICN1.Ubc.GFP.

No alerts have been found for EF.hICN1.Ubc.GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Högstrand K, et al. (2018) Transformation of mouse T cells requires MYC and AKT activity in conjunction with inhibition of intrinsic apoptosis. *Oncotarget*, 9(30), 21396.

Ciria M, et al. (2017) Mesenchymal Stem Cell Migration and Proliferation Are Mediated by Hypoxia-Inducible Factor-1? Upstream of Notch and SUMO Pathways. *Stem cells and development*, 26(13), 973.

Bhola NE, et al. (2016) Treatment of Triple-Negative Breast Cancer with TORC1/2 Inhibitors Sustains a Drug-Resistant and Notch-Dependent Cancer Stem Cell Population. *Cancer research*, 76(2), 440.

Brosh R, et al. (2016) A dual molecular analogue tuner for dissecting protein function in mammalian cells. *Nature communications*, 7, 11742.

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.

Forloni M, et al. (2014) miR-146a promotes the initiation and progression of melanoma by activating Notch signaling. *eLife*, 3, e01460.

Séveno C, et al. (2012) ?-Secretase inhibition promotes cell death, Noxa upregulation, and sensitization to BH3 mimetic ABT-737 in human breast cancer cells. *Breast cancer research : BCR*, 14(3), R96.

Chen L, et al. (2012) The role of notch 1 activation in cardiosphere derived cell differentiation. *Stem cells and development*, 21(12), 2122.