

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

pCDH-EF1-FHC

RRID:Addgene_64874

Type: Plasmid

Proper Citation

RRID:Addgene_64874

Plasmid Information

URL: <http://www.addgene.org/64874>

Proper Citation: RRID:Addgene_64874

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25275444](#)

Vector Backbone Description: Backbone Marker:System Biosciences; Vector Backbone:pCDH-CMV-MCS-EF1-Puro; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pCDH-EF1-FHC

Record Creation Time: 20220422T222410+0000

Record Last Update: 20260815T081813+0000

Ratings and Alerts

No rating or validation information has been found for pCDH-EF1-FHC.

No alerts have been found for pCDH-EF1-FHC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Alcaraz-Serna A, et al. (2026) Chimeric allergen receptor regulatory T cells suppress birch pollen allergic airway inflammation. *The Journal of experimental medicine*, 223(8).

Kumar R, et al. (2026) Androgen Receptor Drives Polyamine Synthesis, Creating a Vulnerability for Prostate Cancer. *Cancer research*, 86(5), 1148.

Paparella AT, et al. (2026) Pharmacologic and Oncohistone Inhibition of SETD2 Converge on Genomic Instability. *Cancers*, 18(5).

Wang L, et al. (2026) The circadian gene *Dec2* promotes pancreatic cancer progression and dormancy through immune evasion. *Developmental cell*, 61(6), 1208.

Hubbi ME, et al. (2026) The HIF-2 transcription factor mediates resistance to ferroptosis in pancreatic cancer. *Molecular cell*, 86(7), 1260.

Chalmers SB, et al. (2025) Remodeling of calcium signaling and store operated calcium entry as a consequence of human neural progenitor cell differentiation. *Scientific reports*, 15(1), 38867.

Tao S, et al. (2025) Inhibition of GSK3 β is synthetic lethal with FHIT loss in lung cancer by blocking homologous recombination repair. *Experimental & molecular medicine*, 57(1), 167.

Yu JH, et al. (2024) Hepatocyte GPCR signaling regulates IRF3 to control hepatic stellate cell transdifferentiation. *Cell communication and signaling : CCS*, 22(1), 48.

Kim IK, et al. (2024) Plasticity-induced repression of *Irf6* underlies acquired resistance to cancer immunotherapy in pancreatic ductal adenocarcinoma. *Nature communications*, 15(1), 1532.

Kalkan BM, et al. (2024) Nek2A prevents centrosome clustering and induces cell death in cancer cells via KIF2C interaction. *Cell death & disease*, 15(3), 222.

Chumchanchira C, et al. (2024) A 2D-proteomic analysis identifies proteins differentially regulated by two different dengue virus serotypes. *Scientific reports*, 14(1), 8287.

So CL, et al. (2024) Cellular geometry and epithelial-mesenchymal plasticity intersect with PIEZO1 in breast cancer cells. *Communications biology*, 7(1), 467.

Pecci F, et al. (2024) Activating Point Mutations in the MET Kinase Domain Represent a Unique Molecular Subset of Lung Cancer and Other Malignancies Targetable with MET Inhibitors. *Cancer discovery*, 14(8), 1440.

Lin CJ, et al. (2024) Genetic interactions reveal distinct biological and therapeutic implications in breast cancer. *Cancer cell*, 42(4), 701.

Sornjai W, et al. (2024) The interaction of GRP78 and Zika virus E and NS1 proteins occurs in a chaperone-client manner. *Scientific reports*, 14(1), 10407.

Kim IK, et al. (2023) Plasticity-induced repression of *Irf6* underlies acquired resistance to cancer immunotherapy. *Research square*.

Zhang ZY, et al. (2023) TRIM11 protects against tauopathies and is down-regulated in Alzheimer's disease. *Science* (New York, N.Y.), 381(6656), eadd6696.

Moore LN, et al. (2023) Bcl-xL is required to protect endothelial cells latently infected with KSHV from virus induced intrinsic apoptosis. *PLoS pathogens*, 19(5), e1011385.

Lyu J, et al. (2023) The short-chain fatty acid acetate coordinates with CD30 to modulate T-cell survival. *Molecular biology of the cell*, 34(8), br11.

Xiao W, et al. (2022) Robo4 is constitutively shed by ADAMs from endothelial cells and the shed Robo4 functions to inhibit Slit3-induced angiogenesis. *Scientific reports*, 12(1), 4352.