

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pCI-neo beta catenin delta45

RRID:Addgene_16520

Type: Plasmid

Proper Citation

RRID:Addgene_16520

Plasmid Information

URL: <http://www.addgene.org/16520>

Proper Citation: RRID:Addgene_16520

Insert Name: beta catenin

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9065402](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5500; Vector Backbone:pCI-neo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: HCT116 has a 3-bp deletion that removes one amino acid (Ser45).

Plasmid Name: pCI-neo beta catenin delta45

Relevant Mutation: Delta 45 (HCT116 mutation)

Record Creation Time: 20220422T221933+0000

Record Last Update: 20260815T080928+0000

Ratings and Alerts

No rating or validation information has been found for pCI-neo beta catenin delta45.

No alerts have been found for pCI-neo beta catenin delta45.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Moon JH, et al. (2019) Targeting β -catenin overcomes MEK inhibition resistance in colon cancer with KRAS and PIK3CA mutations. British journal of cancer, 120(9), 941.

Lo RC, et al. (2018) Cripto-1 contributes to stemness in hepatocellular carcinoma by stabilizing Dishevelled-3 and activating Wnt/ β -catenin pathway. Cell death and differentiation, 25(8), 1426.

Leung CO, et al. (2016) Sox9 confers stemness properties in hepatocellular carcinoma through Frizzled-7 mediated Wnt/ β -catenin signaling. Oncotarget, 7(20), 29371.

Fatima S, et al. (2012) Dickkopf 4 (DKK4) acts on Wnt/ β -catenin pathway by influencing β -catenin in hepatocellular carcinoma. Oncogene, 31(38), 4233.