

Resource Summary Report

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

pCI-neo beta catenin S33Y

RRID:Addgene_16519

Type: Plasmid

Proper Citation

RRID:Addgene_16519

Plasmid Information

URL: <http://www.addgene.org/16519>

Proper Citation: RRID:Addgene_16519

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: SW48 has a C-to-A missense mutation that changes Ser33 to Tyr. Note that the NheI site is not intact and cannot be used for sub-cloning.

Plasmid Name: pCI-neo beta catenin S33Y

Relevant Mutation: S33Y (SW48 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 S33Y.

No alerts have been found for pCI-neo beta catenin S33Y.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Li X, et al. (2025) PGK1 enhances productive bovine herpesvirus 1 infection by stimulating β -catenin-dependent transcription. *Veterinary research*, 56(1), 50.

Pavlaki I, et al. (2022) Chromatin interaction maps identify Wnt responsive cis-regulatory elements coordinating Paupar-Pax6 expression in neuronal cells. *PLoS genetics*, 18(6), e1010230.

Spitzner M, et al. (2021) Inhibition of Wnt/ β -Catenin Signaling Sensitizes Esophageal Cancer Cells to Chemoradiotherapy. *International journal of molecular sciences*, 22(19).

Gérard C, et al. (2019) Dynamics and predicted drug response of a gene network linking dedifferentiation with beta-catenin dysfunction in hepatocellular carcinoma. *Journal of hepatology*, 71(2), 323.

Zhu L, et al. (2018) The canonical Wnt/ β -catenin signaling pathway stimulates herpes simplex virus 1 productive infection. *Virus research*, 256, 29.

Zhu L, et al. (2017) Potential Role for a β -Catenin Coactivator (High-Mobility Group AT-Hook 1 Protein) during the Latency-Reactivation Cycle of Bovine Herpesvirus 1. *Journal of virology*, 91(5).

Liu Y, et al. (2016) β -Catenin, a Transcription Factor Activated by Canonical Wnt Signaling, Is Expressed in Sensory Neurons of Calves Latently Infected with Bovine Herpesvirus 1. *Journal of virology*, 90(6), 3148.

Subbaiah VK, et al. (2012) Regulation of the DLG tumor suppressor by β -catenin. *International journal of cancer*, 131(10), 2223.

Qiu W, et al. (2010) Tumor necrosis factor receptor superfamily member 19 (TNFRSF19) regulates differentiation fate of human mesenchymal (stromal) stem cells through canonical Wnt signaling and C/EBP. *The Journal of biological chemistry*, 285(19), 14438.