

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

pLV-beta-catenin deltaN90

RRID:Addgene_36985

Type: Plasmid

Proper Citation

RRID:Addgene_36985

Plasmid Information

URL: <http://www.addgene.org/36985>

Proper Citation: RRID:Addgene_36985

Insert Name: beta-catenin deltaN90

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22385965](#)

Vector Backbone Description: Backbone Marker:I. Ben-Porath; Backbone Size:0; Vector Backbone:pLV-IRES-neo; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The pLV-neo vector was modified from the attached vector by replacing dsRed with Neomycin resistant cassette and removing tTR-kRAB. Addgene QC sequence analysis identified a S374G discrepancy, relative to reference sequence NP_001091679.1.

Plasmid Name: pLV-beta-catenin deltaN90

Relevant Mutation: Deletion of amino acids 1-90 (Constitutively Active); S374G in beta-catenin

Record Creation Time: 20220422T222157+0000

Record Last Update: 20260815T081412+0000

Ratings and Alerts

No rating or validation information has been found for pLV-beta-catenin deltaN90.

No alerts have been found for pLV-beta-catenin deltaN90.

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 [RRID](#) .

Mu Q, et al. (2024) FZD5 controls intestinal crypt homeostasis and colonic Wnt surrogate agonist response. Developmental cell.

Xiong L, et al. (2024) ATP6AP2, a regulator of LRP6/β-catenin protein trafficking, promotes Wnt/β-catenin signaling and bone formation in a cell type dependent manner. Bone research, 12(1), 33.

Lee R, et al. (2022) Synthetic Essentiality of Tryptophan 2,3-Dioxygenase 2 in APC-Mutated Colorectal Cancer. Cancer discovery, 12(7), 1702.

Strash N, et al. (2021) Human Erbb2-induced Erk activity robustly stimulates cycling and functional remodeling of rat and human cardiomyocytes. eLife, 10.

Abreu de Oliveira WA, et al. (2021) Wnt/β-Catenin Inhibition Disrupts Carboplatin Resistance in Isogenic Models of Triple-Negative Breast Cancer. Frontiers in oncology, 11, 705384.

Li Q, et al. (2020) Lats1/2 Sustain Intestinal Stem Cells and Wnt Activation through TEAD-Dependent and Independent Transcription. Cell stem cell, 26(5), 675.

Hinze L, et al. (2019) Synthetic Lethality of Wnt Pathway Activation and Asparaginase in Drug-Resistant Acute Leukemias. Cancer cell, 35(4), 664.

Maier J, et al. (2019) Luminescent and fluorescent triple reporter plasmid constructs for Wnt, Hedgehog and Notch pathway. PloS one, 14(12), e0226570.