

Resource Summary Report

Generated by [RRID](#) on Aug 17, 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](#) .

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

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

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/?-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.