

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pMXs-beta-catenin-S33Y

RRID:Addgene_13371

Type: Plasmid

Proper Citation

RRID:Addgene_13371

Plasmid Information

URL: <http://www.addgene.org/13371>

Proper Citation: RRID:Addgene_13371

Insert Name: catenin (cadherin associated protein), beta 1 (S33Y mutant)

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16904174](#)

Vector Backbone Description: Backbone Size:4600; Vector Backbone:pMXs; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: The sequence of primer pMX-S1811 is GAC GGC ATC GCA GCT TGG ATA CAC.

Plasmid Name: pMXs-beta-catenin-S33Y

Relevant Mutation: Serine 33 to Tyrosine and Leucine 388 to Proline

Record Creation Time: 20220422T221740+0000

Record Last Update: 20260815T080538+0000

Ratings and Alerts

No rating or validation information has been found for pMXs-beta-catenin-S33Y.

No alerts have been found for pMXs-beta-catenin-S33Y.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Vuong LT, et al. (2025) A novel conserved protein associates with the IFT-A complex to mediate nuclear translocation of β -catenin in Wg/Wnt-signaling. bioRxiv : the preprint server for biology.

Vuong LT, et al. (2024) Wg/Wnt-signaling-induced nuclear translocation of β -catenin is attenuated by a β -catenin peptide through its interference with the IFT-A complex. Cell reports, 43(6), 114362.

Tang Y, et al. (2022) Matrix remodeling controls a nuclear lamin A/C-emerin network that directs Wnt-regulated stem cell fate. Developmental cell, 57(4), 480.

Yang S, et al. (2021) Cell dynamics in Hertwig's epithelial root sheath are regulated by β -catenin activity during tooth root development. Journal of cellular physiology, 236(7), 5387.

Choi H, et al. (2017) A Reciprocal Interaction between β -Catenin and Osterix in Cementogenesis. Scientific reports, 7(1), 8160.