

Resource Summary Report

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Target genes of Wnt/beta-catenin signaling

RRID:SCR_007022

Type: Tool

Proper Citation

Target genes of Wnt/beta-catenin signaling (RRID:SCR_007022)

Resource Information

URL: <http://www.stanford.edu/~rnusse/pathways/targets.html>

Proper Citation: Target genes of Wnt/beta-catenin signaling (RRID:SCR_007022)

Description: A list of target genes of Wnt/beta-catenin signaling. Suggestions for additions are welcome. Direct targets are defined as those with Tcf binding sites and demonstrating that these sites are important.

Abbreviations: Target genes of Wnt/beta-catenin signaling

Resource Type: data or information resource, data set

Keywords: target gene, wnt/beta-catenin signaling, wnt, beta-catenin, signaling, gene

Related Condition: Colon cancer, Tumor, Adenocarcinoma, Melanoma, Cancer

Availability: The community can contribute to this resource

Resource Name: Target genes of Wnt/beta-catenin signaling

Resource ID: SCR_007022

Alternate IDs: nlx_156867

Record Creation Time: 20220129T080239+0000

Record Last Update: 20260728T043243+0000

Ratings and Alerts

No rating or validation information has been found for Target genes of Wnt/beta-catenin signaling.

No alerts have been found for Target genes of Wnt/beta-catenin signaling.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Maurya VK, et al. (2024) A Mouse Model for Conditional Expression of Activated β -Catenin in Epidermal Keratinocytes. Transgenic research, 33(5), 513.

Tsai HW, et al. (2023) A combined bioinformatics and experimental approach identifies RMI2 as a Wnt/ β -catenin signaling target gene related to hepatocellular carcinoma. BMC cancer, 23(1), 1025.

De P, et al. (2017) RAC1 GTP-ase signals Wnt-beta-catenin pathway mediated integrin-directed metastasis-associated tumor cell phenotypes in triple negative breast cancers. Oncotarget, 8(2), 3072.

Szwarc MM, et al. (2017) A bioluminescence reporter mouse that monitors expression of constitutively active β -catenin. PloS one, 12(3), e0173014.

De P, et al. (2016) Wnt-beta-catenin pathway signals metastasis-associated tumor cell phenotypes in triple negative breast cancers. Oncotarget, 7(28), 43124.

Xu J, et al. (2015) Hierarchical feedback modules and reaction hubs in cell signaling networks. PloS one, 10(5), e0125886.

Feng Y, et al. (2015) Tissue-Specific Effects of Reduced β -catenin Expression on Adenomatous Polyposis Coli Mutation-Instigated Tumorigenesis in Mouse Colon and Ovarian Epithelium. PLoS genetics, 11(11), e1005638.

Guerriero E, et al. (2014) Vitamin C effect on mitoxantrone-induced cytotoxicity in human breast cancer cell lines. PloS one, 9(12), e115287.

Zhang J, et al. (2014) Transcriptional profiling in rat hair follicles following simulated Blast insult: a new diagnostic tool for traumatic brain injury. PloS one, 9(8), e104518.

Ma J, et al. (2013) Regulation of Id1 expression by epigallocatechin-3-gallate and its effect on the proliferation and apoptosis of poorly differentiated AGS gastric cancer cells. International journal of oncology, 43(4), 1052.

Jeong W, et al. (2012) AHCYL1 is mediated by estrogen-induced ERK1/2 MAPK cell signaling and microRNA regulation to effect functional aspects of the avian oviduct. PloS one, 7(11), e49204.

Barbolina MV, et al. (2011) Diverse mechanisms for activation of Wnt signalling in the ovarian tumour microenvironment. The Biochemical journal, 437(1), 1.

Kim H, et al. (2011) Downregulation of Wnt/ β -catenin signaling causes degeneration of hippocampal neurons in vivo. *Neurobiology of aging*, 32(12), 2316.e1.

Bottomly D, et al. (2010) Identification of β -catenin binding regions in colon cancer cells using ChIP-Seq. *Nucleic acids research*, 38(17), 5735.

de Wilde J, et al. (2010) The embryonic genes Dkk3, Hoxd8, Hoxd9 and Tbx1 identify muscle types in a diet-independent and fiber-type unrelated way. *BMC genomics*, 11, 176.

Genander M, et al. (2009) Dissociation of EphB2 signaling pathways mediating progenitor cell proliferation and tumor suppression. *Cell*, 139(4), 679.

Varea O, et al. (2009) Estradiol activates beta-catenin dependent transcription in neurons. *PloS one*, 4(4), e5153.

Milat F, et al. (2009) Is Wnt signalling the final common pathway leading to bone formation? *Molecular and cellular endocrinology*, 310(1-2), 52.

Le NH, et al. (2008) Tumour-stroma interactions in colorectal cancer: converging on beta-catenin activation and cancer stemness. *British journal of cancer*, 98(12), 1886.

Klapholz-Brown Z, et al. (2007) Transcriptional program induced by Wnt protein in human fibroblasts suggests mechanisms for cell cooperativity in defining tissue microenvironments. *PloS one*, 2(9), e945.