

Human WNT Signaling Pathway PCR Array
<b>WNT Signaling Pathways:</b>
<u>Canonical:</u> AES (TLE/Groucho), APC, AXIN1, AXIN2, BCL9 , CSNK1A1, CSNK2A1, CTBP1, CTNNB1, CTNNBIP1 (ICAT), CXXC4, DIXDC1, DKK1, DKK3, DVL1, DVL2, EP300, FRAT1, FZD1, FZD2, FZD3, FZD4, FZD5, FZD6, FZD7, FZD8, FZD9, GSK3A, GSK3B, LEF1, LRP5, LRP6, NKD1, PORCN, PYGO1, RUVBL1, SFRP1, SFRP4, SOX17, TCF7, TCF7L1, WIF1, WNT1, WNT10A, WNT16, WNT2, WNT2B, WNT3, WNT3A, WNT4, WNT6, WNT7A, WNT7B, WNT8A.
<u>Planar Cell Polarity (PCP):</u> DAAM1, DVL1, DVL2, MAPK8 (JNK1), NKD1, PRICKLE1, RHOA, RHOU, VANGL2, WNT9A.
<u>WNT/Ca<sup>2+</sup>:</u> FZD2, NFATC1, WNT1, WNT10A, WNT11, WNT16, WNT2, WNT2B, WNT3, WNT3A, WNT4, WNT5A, WNT5B, WNT6, WNT7A, WNT7B, WNT8A, WNT9A.
<b>WNT Signaling Negative Regulation:</b> APC, AXIN1, AXIN2, BTRC (bTrCP), CCND1, CTBP1, CTNNBIP1 (ICAT), CXXC4, DKK1, DKK3, FBXW11, FBXW4, FRZB (FRP-3), KREMEN1, LRP6, NLK, NKD1, SFRP1, SFRP4, SOX17, TLE1, WIF1.
<b>WNT Signaling Target Genes:</b> AXIN2, BTRC (bTrCP), CCND1, CCND2, DAB2, FOSL1 (FRA-1), JUN, MMP7, MYC, PITX2, PPARD, WISP1.
<b>Developmental Processes:</b>
<u>Cell Fate:</u> CTNNB1, DKK1, WNT1, WNT3, WNT3A.
<u>Tissue Polarity:</u> AXIN2, FZD2, FZD3, FZD5, FZD6, VANGL2.
<u>Cell Growth &amp; Proliferation:</u> APC, CCND1, CCND2, CTBP1, CTNNB1, CTNNBIP1 (ICAT), DAB2, EP300, FGF4, FOSL1, FOXN1, FZD3, JUN, LRP5, MMP7, MYC, PPARD, WISP1, WNT3A.
<b>Cell Migration:</b> APC, DKK1, LRP5, LRP6, RHOA, WNT1.
<b>Cell Cycle:</b> APC, BTRC (bTrCP), CCND1, CCND2, CTNNB1, EP300, FOSL1, JUN, MYC, RHOA, RHOU, RUVBL1, TCF7L1.
<b>Cellular Homeostasis:</b> APC, FZD2, JUN, MYC.