

WNT SIGNALING PATHWAY Adherens junction MAPK signaling Alzheimer's ► Lgr4-6 Rspopathway disease Canonical pathway PS-1 +p Rnf43 ► NLK TAK1 PKA CBY1 c-myc Idax Notum Zmf3 FRP Daple c-jun Duplin Cer-1 PEDF LZTS2 CBP Dally Scaffold fra-1 СКІє Pontin52 GBP cyc D Cell ►TCF/LEF β-catemin Frizzled DvlGSK-3β cycle WISP1 LRP5/6 ${\rm APC}$ DNA Axin SMAD4 CK2 SIRT1 \mathtt{PPARS} SOST SMAD3 ICAT Wif-1 Gro/TLE Axam BAMBI Uterine Xsox17 CCAR2 δ-catenin CtBP APCDD1 Phosphorylation dependence p53 signaling MCC pathway β-TrCP TGF-β signaling pathway ► Siah-1 Skp1 Ubiquitin medeated PAR-1 Nkd SIP Cul1 proteolysis APC Skpl Rbx1 TBL1 Proteolysis Phosphorylation independence Planar cell polarity (PCP) pathway Focal adhesion Prickle Stom ► ROCK2 Cytoskeletal change Wnt11 ► Frizzled INVS JNK Gene transcription Knypek MAPK signaling pathway ROR1/2 RYK Wnt/ Ca2+ pathway **▼**CaMKII Ca²⁺ NFAT Wnt5 PLC 0 CaN G protein?

PKC_

DNA

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