



Supplementary Figure 3. β -catenin-silencing was induced by shRNA made by bacteria, not by mammalian cells. Results shown at protein levels (western blot) (a) and mRNA levels (Real-time PCR) (b)

SW 480 cells were treated with *E. coli* expressing shRNA against β -catenin (lane 2), or were transfected with 10 μ g of TRIP DNA encoding shRNA against β -catenin under the T7 promoter (lane 3) or 10 μ g of a plasmid (pSilencer2.0, Ambion) encoding the same hairpin RNA under a mammalian U6 promoter (lane 4), or 10 μ g of a control plasmid (lane 1). Transfection was performed with lipofectamine 2000 according to the manufacturer's instruction (Invitrogen). Cells were harvested at 48h. β -catenin protein expression was examined by Western blot, and the mRNA expression was analyzed by quantitative real-time PCR. Real-time PCR primers for β -catenin: AGCTCTTACACCCACCATCCC, GGACAAAGGGCAAGATTTTCG, Taqman probe: CTGGCCTCTGATAAAGGCTACTGTTGGATTGA