



Figure S1: Representative western blot images of the protein abundances of the kinases AKT and mTOR complementing figure 7. Protein levels of total and phosphorylated AKT (A and B at top) and mTOR (C and D at top) as well as total protein (A-D at bottom) were detected by western blot analysis of pIRES control as well as Ren(1a-9) and Ren(2-9) overexpressing H9c2 cells. In addition, protein levels of the kinases AKT and mTOR from untransfected H9c2 cells and Ren(1-9) overexpressing H9c2 cells were also examined. Since these groups were not analyzed in the transcriptome study, they were also not considered for statistical analysis in the western blot study.