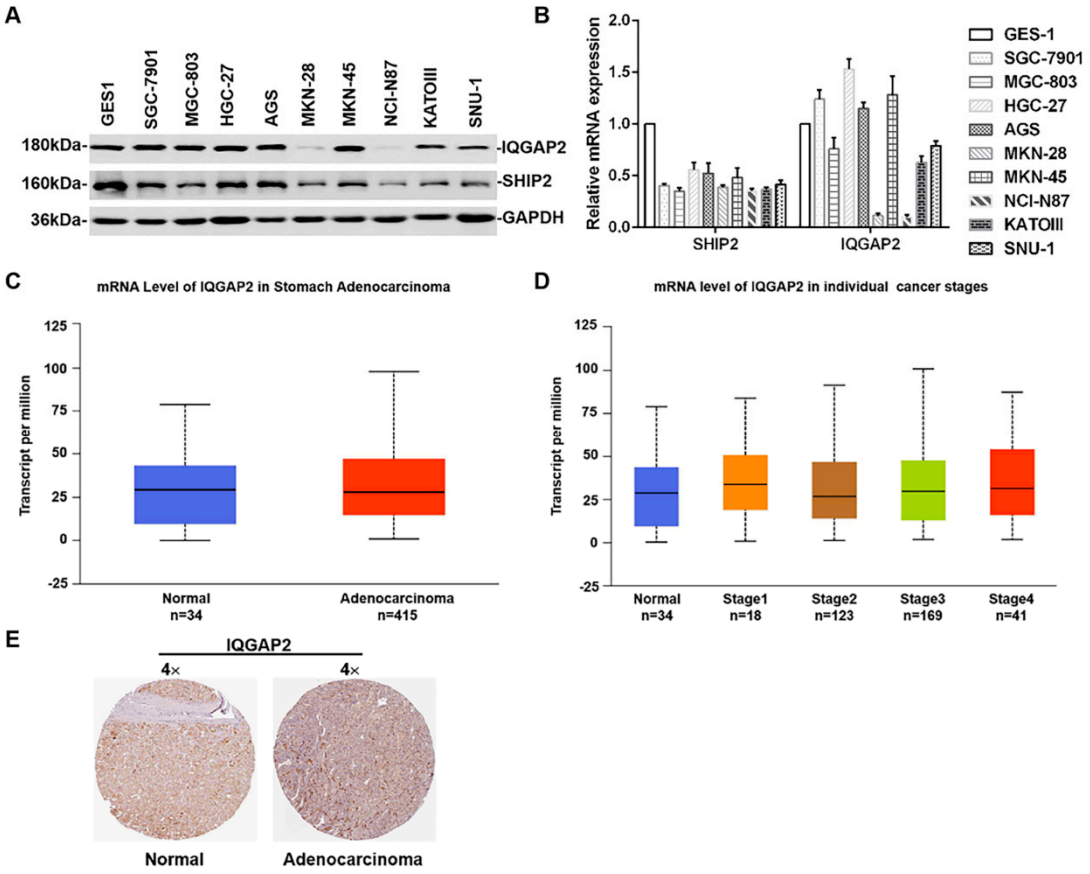

Figure S1. Expression of IQGAP2 and SHIP2 in human GC. (**A**) Whole cell lysates from the normal gastric mucosa epithelial cells GES-1and a panel of GC cells were subjected to Western blot analysis. Data shown are representative of three individual experiments; (**B**) The mRNA levels of SHIP2 and IQGAP2 from GES-1 cells and a panel of GC cells were detected by qRT-PCR. The relative abundance of target gene mRNA expression in GES-1 was arbitrarily designated as 1 (n = 3, mean ± SEM) ; (**C**) The mRNA levels of IQGAP2 in tissue samples of stomach adenocarcinoma were compared with those in normal tissues. Images were obtained from UALCAN database (http://ualcan.path.uab.edu) ; (**D**) The mRNA levels of IQGAP2 in tissue samples at different individual clinical stages were compared with those in normal tissues. Images were obtained from TCGA database using UALCAN platform (http://ualcan.path.uab.edu); (**E**) Representative images of immunohistochemical staining of IQGAP2 (brown) on stomach adenocarcinoma specimens and normal stomach tissues were obtained from HPA database (http://www.proteinatlas.org).