Supplementary Materials

Fig. S1 Western blot analysis of EZH2 protein expression in gastric cancer cells.

Fig. S2 ANXA6 is a new target of EZH2 in GC cells

(A) ChIP-qPCR analysis of EZH2 in the ANXA6 promoter of NCI-N87 and SGC-7901. Enrichment fold was calculated as $2^{-\Delta\Delta Ct}$ (means ± SEM, n=3). (B) ChIP-qPCR analysis of H3K27me3 in the ANXA6 promoter of NCI-N87 and SGC-7901 in control or GC cells transfected with siEZH2. Enrichment fold was calculated as $2^{-\Delta\Delta Ct}$ (means ± SEM., n=3). (C) ANXA6 expression measured by qPCR and western blot in NCI-N87 and SGC-7901 cells upon EZH2 knockdown. Expression of ANXA6 was normalized to GAPDH and calculated as $2^{-\Delta\Delta Ct}$ (means ± SEM, n=3). Western blot
was employed to quantify the relative gray scale of each band blot by the software of Odyssey infrared imaging system. The gray scale of ANXA6 band blot in siControl was defined as 1.0.