

Figure S1. (A) Relative expression levels of HER2 mRNA in 38 different gastric cancer cell lines obtained from CCLE database. (B) The expression level of HER2 mRNA in NCI-N87 cells transfected with HER2-siRNA-1, HER2-siRNA-2, HER2-siRNA-3 and HER2 overexpression. $\Delta\Delta\Delta P < 0.001$ vs. Vector; * $P < 0.05$ and ** $P < 0.01$ vs. NC-siRNA group. HER2, human epidermal growth factor receptor 2; CCLE, The Cancer Cell Line Encyclopedia; si, short interfering.

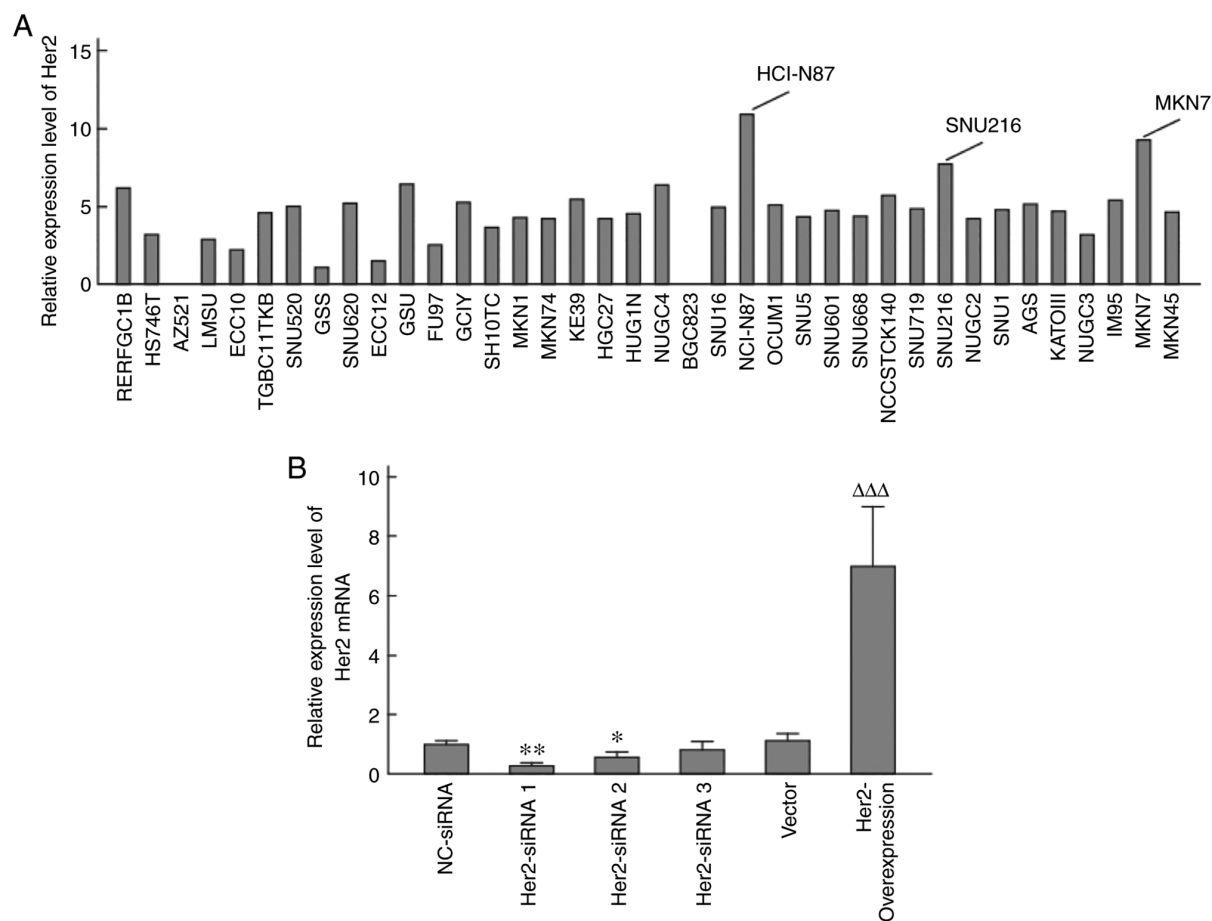


Figure S2. IHC stain in GC-CTC and GC tissues. IHC, immunohistochemistry; GC, gastric carcinoma; CTC, circulating tumor cells

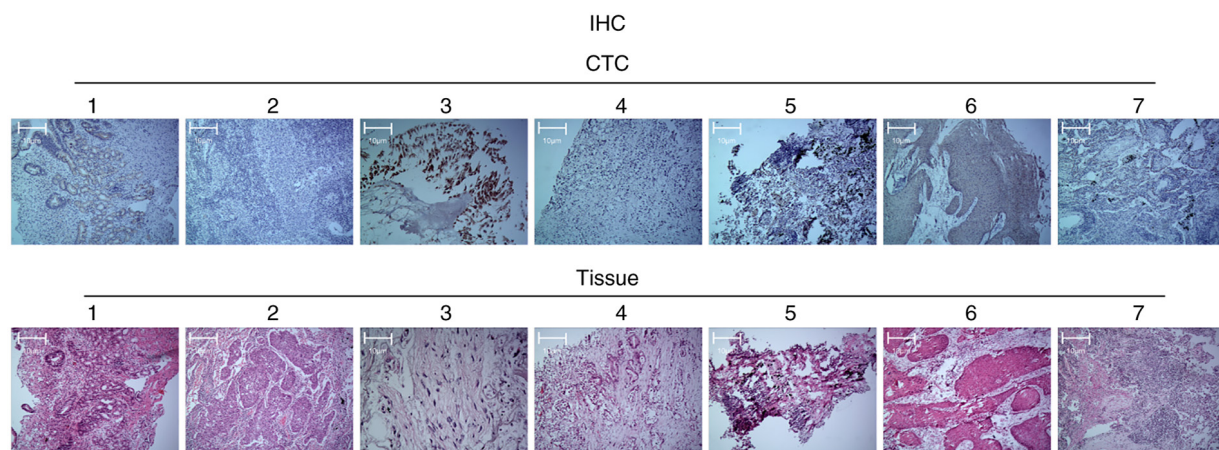


Table SI. Sequences of HER2-siRNAs.

siRNA	Forward sequence	Reverse sequence
HER2-siRNA-1	5'-GGGACGAAUUCUGCACAAU-3'	5'-AUUGUGCAGAAUUCGUCCC-3'
HER2-siRNA-2	5'-CAGACACGUUUGAGUCCAU-3'	5'-AUGGACUCAAACGUGUCUG-3'
HER2-siRNA-3	5'-CCAAACCUUACGAUGGGAU-3'	5'-AUCCCAUCGUAAGGUUUGG-3'
NC-siRNA	5'-UUCUCCGAACGUGUCACGU-3'	5'-ACGUGACACGUUCGGAGAA-3'
GAPDH	5'-CTCAGACACCATGGGGAAGGTGA-3'	5'-ATGATCTTGAGGCTGTTGTCATA-3'

si, short interfering; HER2, human Epidermal Growth factor Receptor 2.