Supplementary Table S4. p53 mutation status and proportion of CD44+ cells in gastric tumor xenografts

Line	p53 status	% CD44+ cells
GC16	Wild Type	4%
GC21	Mutant: R175C and R273C	58%
GC38	Mutant: N239 insertion	44%
GC45	Wild Type	95%

Mutations of p53 in the indicated xenograft lines were determined by Sanger sequencing of cDNA generated by reverse transcription polymerase chain reaction. R175C is a known mutation in colon and uterine cancer [1] that has been reported to retain wild-type functions [2]. R273C is a known mutation in multiple cancers [1]. N239 insertion is a novel mutation in the DNA binding domain of p53.

References:

1. De Vries, EMG et al. Database of mutations in the p53 and APC tumor suppressor genes designed to facilitate molecular epidemiological analyses. Human Mutation 7: 202-213 (1996)

2. Joerger and Firsht. Structure–function–rescue: the diverse nature of common p53 cancer mutants. Oncogene 26: 2226-2242 (2007)