

Supplemental Table 1. Univariate and multivariable analyses for TEAD4 in OS in colon cancer patients

	OS		
	HR(95%CI)	P	n(events)
Univariate			
TEAD4(C)	1		225(9)
TEAD4(N)	6.22(2.94-13.16)	<0.001	137(29)
Multivariable			
TEAD4(N)	6.89(2.99-15.81)	<0.001	
Sex	0.69(0.36-1.31)	0.250	
Age	1.22(0.64-2.33)	0.537	
Stage			
III vs. I/II	2.30(1.16-4.56)	0.017	
Grade			
Mod/well dif. vs.	0.23(0.04-1.11)	0.066	
Poorly/Undif. dif.			

NOTE: Multivariable analysis adjusted for age, gender, AJCC stages (I– III), and grade of differentiation (well differentiated, moderately differentiated, poorly differentiated, and undifferentiated); TEAD4(N): TEAD4 nuclear expression; TEAD4(C): TEAD4 cytoplasm expression.

Supplemental Table 2. Univariate and multivariable analyses for SIX1 in OS in colon cancer patients

	OS		
	HR(95%CI)	P	n(events)
Univariate			
SIX1(L)	1		158(7)
SIX1(H)	4.03(1.77-9.18)	0.001	204(31)
Multivariable			
SIX1(H)	4.33(1.86-10.08)	0.001	
Sex	0.64(0.34-1.22)	0.178	
Age	1.39(0.73-2.66)	0.312	
Stage			
III vs. I/II	2.75(1.38-5.46)	0.004	
Grade			
Mod/well dif. vs.	0.41(0.09-1.82)	0.241	
Poorly/Undif. dif.			

NOTE: Multivariable analysis adjusted for age, gender, AJCC stages (I– III), and grade of differentiation (well differentiated, moderately differentiated, poorly differentiated, and undifferentiated); SIX1(H): SIX1 high expression; SIX1(L): SIX1 low expression.

Supplemental Table 3. Primer Information

Gene	Forward	Reverse	Purpose
TEAD4	5'- GTATGAGAGCCCCGAGAAC AT-3'	5'- GGATGCGGTAAGAGTAGTG TCC-3'	qPCR
SIX1	5'- GGAGGCCAAGGAAAGGGA G-3'	5'- GTCTGGACTTGGGGAGGT GA-3'	qPCR
GAPDH	5'- GTCATCCAACGGGAATGCA -3'	5'- TGATCGGTTACCGTGATCAA AA-3'	qPCR
SIX1 P1	5'- TCCAGACTT TAGGGTATTAA CTG-3'	5'- TAGTGCTTATGATGTTCACCA TG-3'	ChIP, qPCR
SIX1 P2	5'- GTTCTCGCTTGAGGGCAG TGTC-3'	5'- AATGCCGAGAGGCTTACTT GCT-3'	ChIP, qPCR
TEAD4	5'- TTGGAGGGCACGGCCGGC AC-3'	5'- TCATTCTTCACCAGCCTGT GGATGTGGT-3'	Molecular cloning
TEAD4	5'- TTGGAGGGCACGGCCGGC AC-3'	5'- TCATTCTTCACCAGCCTGT AGATGTGGT-3'	Y429H site mutagenesis
SIX1	5'- ATGTCGATGCTGCCGTCGT TTGGCTTACG-3'	5'- TTAGGACCCCAAGTCCACC AGACTGGA-3'	Molecular cloning
SIX1 promoter	5'- TCATTTACCTCTTCAGCG GTTTCAGTG-3'	5'- GCGGAGGGAGTAGGGGAGG TTCTGGACACG-3'	pGL3 reporter cloning
SIX1 promoter mutant-1	5'- GACTGTTCAAGCAGAGGC CCCCCTCTGGGAGGGCA CTGCAG-3'	5'- CTGCAGTGCCCTCCCAGAA GGGGGGCCTTGCTTGAAA CAGTC-3'	pGL3 reporter mutagenesis
SIX1 promoter mutant-2	5'- CAGTGTCCCTCTCAGAGCA GGGGGGGGATTATATTACA ACCGGACGGT-3'	5'- ACCGTCCGGTTGTAATATAA TCCCCCCCTGCTCTGAGA GGGACACTG-3'	pGL3 reporter mutagenesis