Table SI. Patients' information from the TCGA database.

Characteristics	No. of patients	DEF6 expression		P-value
		Low	High	
Age, years				
<60	191	99	92	
≥60	234	113	121	0.468
Gender				
Male	282	135	147	
Female	143	77	66	0.245
Size, cm				
<1.6	226	128	98	
≥1.6	199	84	115	0.003
Histologic Grade				
G1	8	6	2	
G2	178	112	66	
G3	171	76	95	
G4	65	16	49	
GX	3	2	1	0.317
Pathologic T				
T1	212	123	89	
T2	53	29	24	
T3	151	57	94	
T4	9	3	6	0.001
Pathologic M				
M0	356	191	165	
M1	69	21	48	<0.001
Pathologic N				
N0	204	99	105	
N1	13	2	11	
NX	208	111	97	0.025

DEF6, DEF6 guanine nucelotide exchange factor.

Table SII. Patients' information in the present clinical database.

| Characteristics | No. of patients | DEF6 expression | | P-value |
		Low	High	
Age, years				
<60	80	22	58	
≥60	66	24	42	0.251
Gender				
Male	96	32	64	
Female	50	14	36	0.510
Size, cm				
<6	100	38	62	
≥6	46	8	38	0.013
BMI, kg/m$_2$				
<23.9	62	20	42	
≥23.9	84	26	58	0.867
Pathologic T				
1	107	38	69	
2	12	1	11	
3	27	7	20	0.085
Fuhrman Stage				
1	31	12	19	
2	98	32	66	
3	17	2	15	0.144

BMI, body mass index; DEF6, DEF6 guanine nucelotide exchange factor.