

Table SI. Pathological characteristics of GCA and DGA.

Pathological characteristic	GCA (n=61)	DGA (n=52)
Mean age $\pm$ SD, years	64.13 $\pm$ 8.13	59.21 $\pm$ 10.87
Sex		
Male	54	42
Female	7	10
Size, cm, n (%)		
<5	31 (50.8)	25 (48.1)
$\geq$ 5	30 (49.2)	27 (51.9)
Lymph node metastasis, n (%)		
Positive	34 (55.7)	30 (57.7)
Negative	27 (44.3)	22 (42.3)
Invasion depth, n (%)		
T1	2 (3.3)	4 (7.7)
T2	8 (13.1)	9 (17.3)
T3	50 (82.0)	39 (75.0)
T4	1 (1.6)	0 (0.0)
Stages, n (%)		
I	7 (11.5)	6 (11.5)
II	20 (32.8)	19 (36.5)
III	31 (50.8)	24 (46.2)
IV	3 (4.9)	3 (5.8)

GCA, gastric cardia adenocarcinoma; DGA, distal gastric adenocarcinoma.

Table SII. Primers for reverse transcription-quantitative PCR.

Primer name	Sequence	Product length, bp
TFF1F	5'-CCCTCCCAGTGTGCAAATAA-3'	131
TFF1R	5'-GATCCCTGCAGAAAGTGTCTAAA-3'	
GKN2F	5'-ACAGGGCAGCTTTACTTACTC-3'	112
GKN2R	5'-CCTCGTATCCATGAGATTGTATCC-3'	
Hp 16S rRNAF	5'-GCTCGTGTCTGTGAGATGTT-3'	101
Hp 16S rRNAR	5'-ACGGAGGCAGTATCCTTAGA-3'	
CagA-1F	5'-GCCTGAAGCTAGGGATTTACTT-3'	155
CagA-1R	5'-ACACAGAAGACAGAGCGTTATT-3'	
VacA-1F	5'-GCGGTATCAATCTGTCCAATCA-3'	164
VacA-1R	5'-GGTATCCGTACCAGCCTTAAAC-3'	
CDK4F	5'-AGTTCGTGAGGTGGCTTTAC-3'	162
CDK4R	5'-GCCTTGTCCAGATATGTCCTTAG-3'	
CyclinB1F	5'-GGTGTCCTGCCATGTTTATTG-3'	179
CyclinB1R	5'-CGAAGGAAGTGCAAAGGTAGA-3'	
CyclinDF	5'-CCACTCCTACGATACGCTACTA-3'	219
CyclinDR	5'-GGACTGAAAGTGCTTGGAATG-3'	
PCNAF	5'-GCAAGTGGAGAACTTGGAATG-3'	171
PCNAR	5'-GAGTGTACACCGTTGAAGAGAG-3'	
IL-6F	5'-CGGCCTTCCCTACTTCACAA-3'	209
IL-6R	5'-TCTGCAAGTGCATCATCGTT-3'	
IL-2F	5'-ACAGCTACAACCTGGAGCATTTA-3'	131
IL-2R	5'-TCAGTTCTGTGGCCTTCTTG-3'	
IL-4F	5'-TCACTGCAAATCGACACCTATTA-3'	152
IL-4R	5'-CTCTGTGAGGCTGTTCAAAGT-3'	
TNF- α F	5'-TGTCCCTTTCACTCACTGGC-3'	187
TNF- α R	5'-CATCTTTTGGGGGAGTGCCT-3'	
IL-1 β F	5'-CGTGGACCTTCCAGGATGAG-3'	102
IL-1 β R	5'-CATCTCGGAGCCTGTAGTGC-3'	
β -actinF	5'-AGCGAGCATCCCCCAAAGTT-3'	285
β -actinR	5'-GGGCACGAAGGCTCATCATT-3'	