

Table S1. The clinical characteristics of included cases

Characteristics	Number of cases (%)	
	GC with <i>H.pylori</i>	GC without <i>H.pylori</i>
Patients	20 (10.64%)	168 (89.36%)
Gender		
Female	5 (25%)	53 (31.55%)
Male	15 (75%)	115 (68.45%)
Ages(\pm SD)	63(\pm 11)	66(\pm 10)
Histologic diagnosis		
Intestinal adenocarcinoma	12 (60%)	108 (64.29%)
Diffuse adenocarcinoma	7 (35%)	37 (22.02%)
Others	1 (5%)	23 (13.69%)
Lymph metastasis		
No	1 (5%)	43 (25.60%)
Yes	16 (80%)	122 (72.62%)
NA	3 (15%)	3 (1.78%)
AJCC pathologic tumor stage		
T1	0 (0%)	11 (6.55%)
T2	3 (15%)	37 (22.02%)
T3	10 (50%)	79 (47.02%)
T4	7 (35%)	41 (24.41%)

Table S2. The primer sequences

cDNA	Primer Sequences
Beta-actin(F)	5'-ATGTGGCCGAGGACTTTGATT-3'
Beta-actin(R)	5'-AGTGGGGTGGCTTTTAGGATG-3'
LINC01254R	5'-GGTGGTAGAAGTGGTGCCT-3'
LINC01254F	5'-TGATGGAAAGTCAGCATCCCT-3'
LINC01287R	5' -TGTTCTGTTGCTTGCTCTGC-3'
LINC01287F	5' -CGTCCATCAAACCCAGCACT-3'
LINC01524F	5' -TTCGAAGAGGTCCCAGTGGA-3'
LINC01524R	5' -TTCAAAGAGGGTGCTCGGTT-3'
U95743.1F	5'-GGAGGGAGACAAGTACCAC-3'
U95743.1R	5' -CAGGAATCTGCTGAGCTCTCT-3'