

**Supplementary Table S1.** The clinical information of the GC cohort

Clinicopathological features	Levels	Number (%)
Age (years)		65.25 ±10.89
Gender, <i>n</i> (%)	Female	130 (36.9%)
	Male	222 (63.1%)
Pathological diagnosis	Adenocarcinoma	352 (100%)
T stage, <i>n</i> (%)	T1	12 (3.4%)
	T2	69 (19.6%)
	T3	169 (48%)
	T4	102 (29%)
N stage, <i>n</i> (%)	N0	104 (29.6%)
	N1	94 (26.7%)
	N2	74 (21%)
	N3	80 (22.7%)
M stage, <i>n</i> (%)	M0	325 (92.3%)
	M1	27 (7.7%)
Pathologic stage, <i>n</i> (%)	Stage I	39 (11.1%)
	Stage II	106 (30.1%)
	Stage III	167 (47.4%)
	Stage IV	40 (11.4%)
Tumor grade, <i>n</i> (%)	G1	7 (2%)
	G2	119 (33.8%)
	G3	226 (64.2%)