

SUPPLEMENTARY TABLES

Supplementary Table 1. Correlation between MEG3 expression and clinicopathological features in gastric cancer (GC) (n=30).

Characteristics	Total	High expression	Low expression	P value
Sex				
Male	16	7	9	0.7321
Female	14	7	7	
Age(years)				
<45	12	5	7	0.4561
≥45	18	10	8	
Extrathyroidal extension				
Yes	14	7	7	0.7321
No	16	9	7	
TNM staging				
I-II	10	7	3	0.0177*
III-IV	20	5	15	
Lymph node metastasis				
Yes	13	3	10	0.0235*
No	17	11	6	
Multicentricity				
Yes	11	5	6	0.7048
No	19	10	9	
Tumor size (cm)				
<5	11	7	4	0.0072**
≥5	19	3	16	

* $P < 0.05$, ** $P < 0.01$

Supplementary Table 2. qRT-PCR and MSP Primer.

Gene	Primer name	Sequence
MEG3	Forward	5'- CTCCCCTTCTAGCGCTCACG-3'
	Reverse	5'- CTAGCCGCCGTCTATACTACCGGCT-3'
MEG3-M-MSP	Forward	5'- GCGAATTATTATTTATATAGCCTTC-3'
	Reverse	5'- TCACGCGCTACGAAGGGAAACG-3'
MEG3-U-MSP	Forward	5'- GTGAGGTGTTATTACCGTATAGTTTGG-3'
	Reverse	5'- TTCACACATACAGGTTCCAAACAAT-3'
miR-181a-5p	Forward	5'-ACACTCCAGCTGGGAACATTCAACGCTGTCCG-3'
	Reverse	5'-TGGTGTCGTGGAGTCG-3'
ATP4B	Forward	5'- AGGAGTTCCAGCGTTACTGC -3'
	Reverse	5'- GGTCTTGGTAGTCCGGTGTG -3'
U6	Forward	5'-GCTCGCTTCGGCAGCACAT-3'
	Reverse	5'-AAAATATGGAACGCTTCACG-3'
GAPDH	Forward	5'-GGAGCGAGATCCCTCCAAAAT-3'
	Reverse	5'-GGCTGTTGTCATACTTCTCATGG-3'