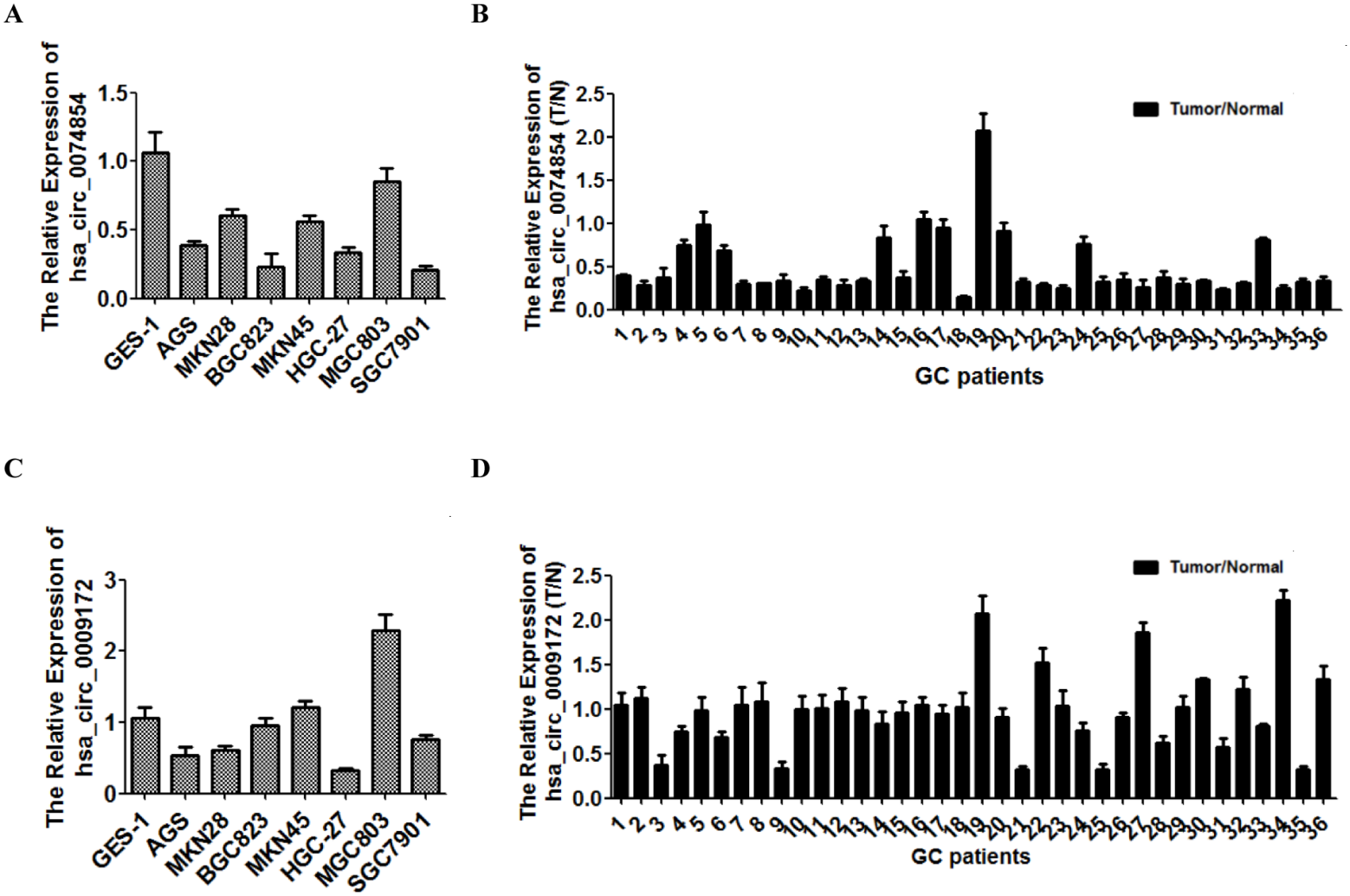
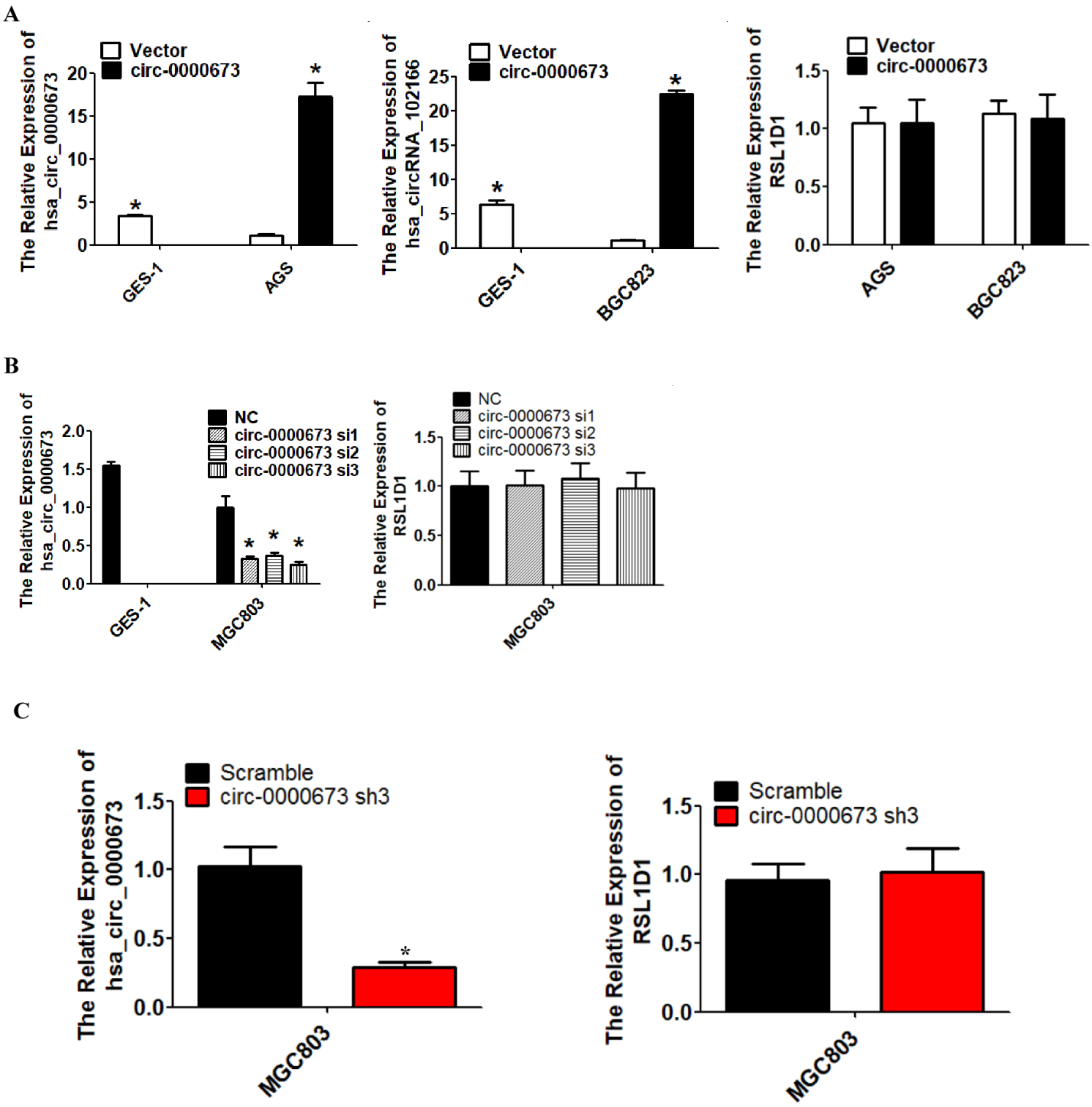
Supplemental Fig. 1.

A. Analysis of hsa_circ_0074854 expression in normal human gastric epithelial cells (GES-1) and cultured GC cell lines by qRT-PCR. B. Analyses of hsa_circ_0074854 expression levels in 36 pairs of primary GC tissues (T) and their corresponding adjacent noncancerous tissues (N) by qRT-PCR. C. Analysis of hsa_circ_0009172 expression in normal human gastric epithelial cells（GES-1）and cultured GC cell lines by qRT-PCR. D. Analyses of hsa_ hsa_circ_0009172 expression levels in 36 pairs of primary GC tissues (T) and their corresponding adjacent noncancerous tissues (N) by qRT-PCR.

Supplemental Fig. 2.

A. Stable overexpression of hsa_circ_0000673 in AGS and BGC823 cell lines was confirmed by qRT-PCR. Overexpression of hsa_circ_0000673 didn't affect the expression level of RSL1D1, the linear RNA isomer of hsa_circ_0000673. B. The results of qRT-PCR determined that the relative expression of hsa_circ_0000673 decreased by transfection with si-hsa_circ_0000673 in MGC803 cells, compared with the transfection with si-NC. Silencing hsa_circ_0000673 didn't affect the expression level of RSL1D1. C. The results of qRT-PCR showed that we successfully established hsa_circ_0000673 stable-silenced GC cells. Silencing hsa_circ_0000673 didn't affect the expression level of RSL1D1. Error bars represent mean ± SD derived from three biologically independent experiments. A two-tailed Student's t-test was used for statistical analysis (* $P<0.05$). NC, negative control.


A
The Relative Expression of hsa_circ_0074854
1.5
1.0
0.5
0.0
GES-1
AGS
MKN28
BGC823
MKN45
HGC-27
MGC803
SGC7901
B
The Relative Expression of hsa_circ_0074854 (T/N)
2.5
2.0
1.5
1.0
0.5
0.0
Tumor/Normal
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
GC patients
C
The Relative Expression of hsa_circ_0009172
3
2
1
0
GES-1
AGS
MKN28
BGC823
MKN45
HGC-27
MGC803
SGC7901
D
The Relative Expression of hsa_circ_0009172 (T/N)
2.5
2.0
1.5
1.0
0.5
0.0
Tumor/Normal
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
GC patients


A
Vector
circ-0000673
The Relative Expression of hsa_circ_0000673
GES-1
AGS
The Relative Expression of hsa_circRNA_102166
BGC823
The Relative Expression of RSL1D1
B
NC
circ-0000673 si1
circ-0000673 si2
circ-0000673 si3
MGC803
C
Scramble
circ-0000673 sh3