

SUPPLEMENTARY MATERIAL

Table S1. List of primers used in this paper.

| Primer name | Sequence (5'-3') |
|--------------------|---------------------------|
| ZFAS1-F | ACGTGCAGACATCTACAACCT |
| ZFAS1-R | TACTTCCAACACCCGCAT |
| PVT1-F | GGGAATAACGCTGGTGGAA |
| PVT1-R | CCCATGGACATCCAAGCTGT |
| PRNCR1-F | CAGCAGCCGATATGATGGTATT |
| PRNCR1-R | GGTTCTGTTGTCTGGTGATGG |
| lncATB-F | TCTGGCTGAGGCTGGTTGAC |
| lncATB-R | ATCTCTGGGTGCTGGTGAAGG |
| HOTAIR-F | CAGTGGGGAACCTCTGACTCG |
| HOTAIR-R | GTGCCTGGTGCTCTCTTACC |
| MALAT-F | AAAGCAAGGTCTCCCCACAAG |
| MALAT-R | GGTCTGTGCTAGATCAAAAAGGCA |
| NKILA-F | AACCAAACCTACCCACAACG |
| NKILA-R | ACCACTAAGTCAATCCCAGGTG |
| H19-F | GGGTCTGTTTCTTTACTTCCTCCAC |
| H19-R | GATGTTGGGCTGATGAGGTCTGG |
| TUG1-F | ACAACGACTGAGCAAGCACTA |
| TUG1-R | GGAGGCACAGGACATAATTCACT |
| GAPDH-F | GGTCTCCTCTGACTTCAACA |
| GAPDH-R | GTGAGGGTCTCTCTCTTCT |
| lncMVIH-F | AATTTTGCACATCTGAACAGCC |
| lncMVIH-R | TTCAAAATCCCACTACGCCCA |
| HULC-F | CAGGAACTCTGATCGTGGACATT |
| HULC-R | CTTGCTTGATGCTTGGTCTGTTT |

| | |
|------------|--------------------------|
| HEIH-F | TGGTGGCTTAGGCTTAATCTCAG |
| HEIH-R | GGTCTCAGTCAGTCATCATTCTCA |
| UFC1-F | GCTACCCTCTCCCAGTCCTTA |
| UFC1-R | CTGACCTCCAACCTCCAACGAA |
| UCA1-F | CTCGGCTTAGTGGCTGAAGAC |
| UCA1-R | TGGTCCATTGAGGCTGTAGAGT |
| MMP14-F | TGCCTGCGTCCATCAACA |
| MMP14-R | CCCAATGCTTGTCTCCTTTGAAG |
| ZEB1-F | CAGCCAAATGGAAATCAGGATGAA |
| ZEB1-R | GGCGGTGTAGAATCAGAGTCA |
| Twist-F | GTCCGCAGTCTTACGAGGAG |
| Twist-R | TGGAGGACCTGGTAGAGGAA |
| CDH1-F | AGACCAAGTGACCACCTTAGAG |
| CDH1-R | GAGCAGCAGAATCAGAATTAGCA |
| CDH2-F | CATCATCATCCTGCTTATCCTTGT |
| CDH2-R | TTCTCCTCCACCTTCTTCATCAT |
| Snail-F | GCCTAGCGAGTGGTTCTTCT |
| Snail-R | TGCTGGAAGGTAAACTCTGGATT |
| Vimentin-F | GATTTCTCTGCCTCTTCCAAACTT |
| Vimentin-R | TTCGTTGATAACCTGTCCATCTCT |
| EpCAM-F | GTGGTTGTGGTGATAGCAGTTG |
| EpCAM-R | CCATCTCCTTTATCTCAGCCTTCT |

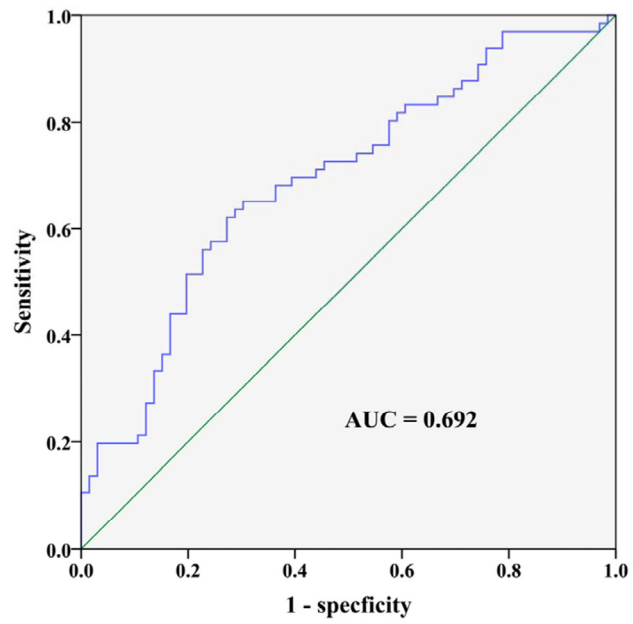


Figure S1. FROC curve for tissue. The ROC curve analysis for the diagnostic value of lncRNA ZFAS1 in tissue of GC (AUC =0.692, sensitivity: 0.653, specificity: 0.696).