

Supplementary Table S1: primer sequences used in the study

<i>ESM1</i>	F: AGCAATAATTATGCGGTGGACT R: ACCAAACTCGTCACCAAAGGA
<i>Ang-1</i>	F: GCAACTGGAGCTGATGGACA R: GCTCCCTTTAGTAAAAACACCTTCT
<i>Ang-2</i>	F: ACTCAGCTAAGGACCCCACT R: AGATGCCATTCTGTGGTGTGT
<i>VEGFA</i>	F: CGGAGCCGCGAGAAAGTGCTA R: CCTCACCCGTCCATGAGCCC
<i>FGF2</i>	F: ATGGCTCCCTTAGCCGAAGT R: AGGAAATGCGAACCCACCTG
<i>MMP9</i>	F: GGGACGCAGACATCGTCATC R: TCGTCATCGTCGAAATGGGC
<i>MMP1</i>	F: ATGAAGCAGCCAGATGTGGAG R: TGGTCCACATCTGCTCTTGGCA
<i>CXCL5</i>	F: AGCTGCGTTGCGTTTGTTTAC R: TGGCGAACACTTGCAGATTAC
<i>CCL1</i>	F: ACTGATGTGCCTGCTGCTGG R: TGGGGGATCAGGACAGGAGG
<i>TGFB1</i>	F: ATGGAGAGAGGACTGCGGAT R: TAGTGTTCCCCACTGGTCCC
<i>IL6</i>	F: GGAGACTTCACAGAGGATAC R: GCATCATCGTTGTTCATACA
<i>TNF</i>	F: GAAAGCATGATCCGGGACGTG R: GATGGCAGAGAGGAGGTTGAC
<i>FLT4</i>	F: TGGAGTTTCTGGCATCTCGT R: ACCATCCCCTGTCTGTCTG
<i>PECAM1</i>	F: ACATAACAGAGCTGTTTCCCA R: AGGACAGGTCCAACAACCTC
<i>VEGFD</i>	F: ATCTGTATGAACACCAGCACCTC R: TGGCAACTTTAACAGGCACTAAT
<i>IL2</i>	F: GCAGGATGGAGAATTACAGGAA R: GCAGAGGTCCAAGTTCATCTTC
<i>IL4</i>	F: TGCCTCCAAGAACACAACCTG R: GTCCTTCTCATGGTGGCTGT
<i>EGF</i>	F: TGTCCACGCAATGTGTCTGAA R: CATTATCGGGTGAGGAACAACC
<i>c-Met</i>	F: AGCGTCAACAGA GGGACCT R: AGCGTCAACAGAGGGACCT
<i>GAPDH</i>	F: CTCTGCTCCTCCTGTTTCGAC R: GCGCCCAATACGACCAAATC

Supplementary Table S2: Summary of ESM1 expression with clinicopathologic features of gastric cancer

Variables	Cases (n)	ESM1 expression		P Value
		Low 93	High 87	
Age				
≤60	61	31	30	0.8707
>60	119	62	57	
Gender				
Male	113	52	51	0.7074
Female	67	41	36	
Tumor size(cm)				
<3.5	91	51	40	0.2106
≥3.5	89	42	47	
T Stage				
T1+T2	55	36	19	0.0141*
T3+T4	125	57	68	
N Stage				
N0+N1	52	32	20	0.0912
N2+N3	128	61	67	
M Stage				
Negative	156	86	70	0.0756
Positive	24	7	17	
Venous invasion				
Absence	84	50	34	0.0150*
Presence	106	43	53	
Distant metastasis				
Negative	167	93	74	0.0407*
Positive	13	0	13	

*<0.05