

Figure S1. Representative micrographs of IGF1 immunohistochemical staining in intestinal-gastric cancer. Paraffin sections from intestinal-subtype gastric tissues were incubated with polyclonal antibodies against IGF1. (A) Low to (B) moderate IGF1 staining in two gastric biopsies (TNM2a and TNM3b, respectively). Arbitrary values for *IGF1* expression were 70 and 507 vs. CT35, respectively. IGF1, insulin-like growth factor 1.

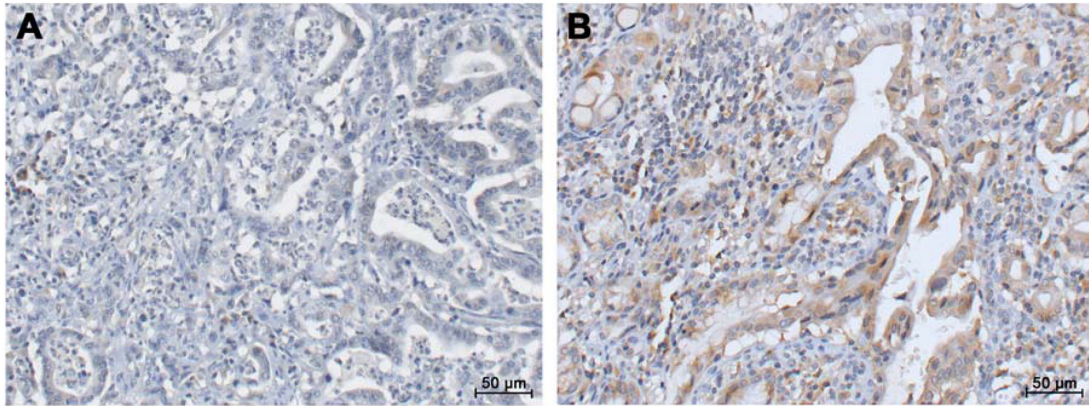


Table SI. Statistical analysis of mRNA expression of genes in intestinal-subtype gastric carcinoma relative to the non-tumoral tissues.

Genes	Normal gastric tissues (n=11)	Intestinal sub-type carcinoma (n=16)	P-value ^a	% underexpression relative to normal gastric tissues	% overexpression relative to normal gastric tissues
Growth factors and receptors (n=10)					
IGF1	1 (0.42-2.93) ^b	1.14 (0.1-10.09)	0.81 (NS)	25	25
IGF2	1 (0.46-3.13)	1.51 (0.18-6.18)	0.32 (NS)	12.5	31.3
IGF1R	1 (0.55-1.46)	0.60 (0.39-9.33)	0.034 0	6.3	
IGF2R	1 (0.79-1.33)	1.45 (0.81-2.63)	0.00330	0	
IRS1	1 (0.59-1.90)	1.11 (0.56-18)	0.46 (NS)	0	6.3
IRS2	1 (0.62-1.69)	0.89 (0.15-1.77)	0.35 (NS)	12.5	0
FGF7	1 (0.25-2.62)	0.70 (0.07-2.44)	0.32 (NS)	31.3	0
FGFR1	1 (0.55-2.95)	1.04 (0.31-2.68)	0.59 (NS)	6.3	0
ERRB2	1 (0.43-1.41)	2.20 (1.05-34.55)	0.000064	0	25
ERRB3	1 (0.19-1.70)	1.54 (0.59-3.49)	0.032 0	12.5	
EMT and migration (n=10)					
VIM	1 (0.65-1.64)	1.35 (0.48-2.79)	0.076 (NS)	0	0
CDH1	1 (0.05-1.22)	1.01 (0.29-1.63)	0.62 (NS)	6.3	0
SNAI1	1 (0.29-2.07)	3.21 (0.52-11.62)	0.00055	0	56.3
SLUG/SNAI2	1 (0.61-2.0)	2.56 (1.0-10.50)	0.00310	43.7	
TWIST2	1 (0.58-2.82)	1.46 (0.12-3.23)	0.88 (NS)	12.5	6.3
TGFB1	1 (0.47-1.23)	2.17 (1.05-6.51)	0.000034	0	18.8
RUNX3	1 (0.00-2.23)	1.66 (0.00-3.98)	0.054 (NS)	12.5	18.8
ZEB2	1 (0.58-1.41)	0.82 (0.27-1.60)	0.37 (NS)	6.3	0
CXCR4	1 (0.26-3.49)	1.71 (0.5-7.16)	0.18 (NS)	0	31.3
CXCL12	1 (0.47-3.56)	0.43 (0.08-1.86)	0.02343.7	0	
Cell proliferation and migration (n=7)					
MMP2	1 (0.68-1.99)	2.99 (0.46-7.95)	0.01 0	50	
MMP9	1 (0.29-2.76)	5.25 (0.80-19.27)	0.00066	0	62.5
SPP1 osteopontin	1 (0.43-2.04)	14.51 (1.06-119.54)	0.000038	0	81.2
CD44	1 (0.57-1.89)	1.42 (0.75-2.55)	0.03 0	0	
RHOB	1 (0.30-2.84)	0.34 (0.12-0.93)	0.006643.8	0	
RHOA	1 (0.05-5.29)	2.79 (0.59-23.08)	0.03 0	50	
MKI67	1 (0.1-3.71)	8.48 (1.83-17.67)	0.000034	0	87.5
Angiogenesis (n=6)					
VEGFA 165	1 (0.68-1.56)	1.02 (0.69-4.07)	0.40 (NS)	0	12.5
VEGFA 189	1 (0.49-1.63)	0.70 (0.30-2.04)	0.28 (NS)	6.3	0
FLT1	1 (0.64-2.20)	1.06 (0.43-1.60)	0.92 (NS)	0	0
KDR	1 (0.63-2.63)	1.12 (0.57-1.78)	0.69 (NS)	0	0
VEGFC	1 (0.44-1.57)	1.63 (0.51-3.34)	0.041 0	12.5	
NRP1	1 (0.57-1.87)	1.71 (0.74-4.00)	0.023 0	12.5	

^aMann Whitney's U test. ^bMedian (range) of gene mRNA levels. ^c χ^2 test.