Table SI. The clinicopathological data of the 60 freshly frozen GC and matched adjacent tissues.

Characteristics	No.
Total	60
Gender	
Male	41
Female	19
Age	
≤60	32
>60	28
BMI	
≤24	22
>24	38
Histological type	
Tubular	38
Mucinous	5
Mixed (tubular and mucinous)	15
Signet ring cell	2
Differentiation	
Well	8
Middle	34
Poor	18
T	
1 (Tis+T1)	11
2	9
3	27
4	13
N	
0	22
1	13
2	12
3	13
M	
0	58
1	2
TNM stage	
0+1	14
2	20
3+4	26
CEA	
≤5	27
>5	33
CA19-9	
≤37	29
>37	31
HER-2	
0-2	49
3	11
Laurén classification	
Intestinal type	42
Mixed type	11
Diffuse type	7

Table SII. The clinicopathological data for the patients with noncancerous stomach lesions.

Characteristics	Chronic gastritis	Intestinal metaplasia	Low-grade intraepithelial neoplasia	High-grade intraepithelial neoplasia	Surgical margin (GC patients)
Total	42	80	56	72	60
Gender					
Male	28	60	46	51	42
Female	14	20	10	21	18
Age					
≤60	30	41	29	32	24
>60	12	39	27	40	36
BMI					
≤24	15	37	19	26	20
>24	27	43	37	46	40
Histological type					
Tubular					52
Mucinous					2
Mixed (tubular and mucinous)					3
Signet ring cell					3
Differentiation					
Well					10
Middle					36
Poor					14
T					
1 (Tis+T1)					5
2					11
3					35
4					9
N					
0					31
1					13
2					11
3					5
M					
0					58
1					2
TNM stage					
0+1					12
2					16
3+4					32
CEA					
≤5				33	27
>5				11	33
Unknown				28	0
CA19-9					
≤37				25	26
>37				19	34
Unknown				28	0
HER-2					
0-2					50
3					10
Laurén classification					
Intestinal type					41
Mixed type					11
Diffuse type					8