

Table S1. Sample distribution in different classifications of gastric sites

Sites	number
0-NA	1003
1-esophagus	2373
2-squamocolumnar junction	1597
3-antrum (G)	1588
4-antrum (P)	1251
5-antrum (A)	1148
6-antrum (L)	1205
7-duodenal bulb	1341
8-duodenal descending	1586
9-lower body (G)	1302
10-lower body (P)	1296
11-lower body (A)	1016
12-lower body (L)	1538
13-middle-upper body (F) (G)	2234
14-middle-upper body (F) (P)	1283
15-middle-upper body (F) (A)	1146
16-middle-upper body (F) (L)	1022
17-fundus (G)	2289
18-fundus (P)	1201
19- fundus (A)	1882
20-fundus (L)	1026
21-middle-upper body (R) (P)	1123
22-middle-upper body (R) (A)	1744
23-middle-upper body (R) (L)	1029
24-incisura (P)	1215
25-incisura (A)	1154
26-incisura (L)	1297