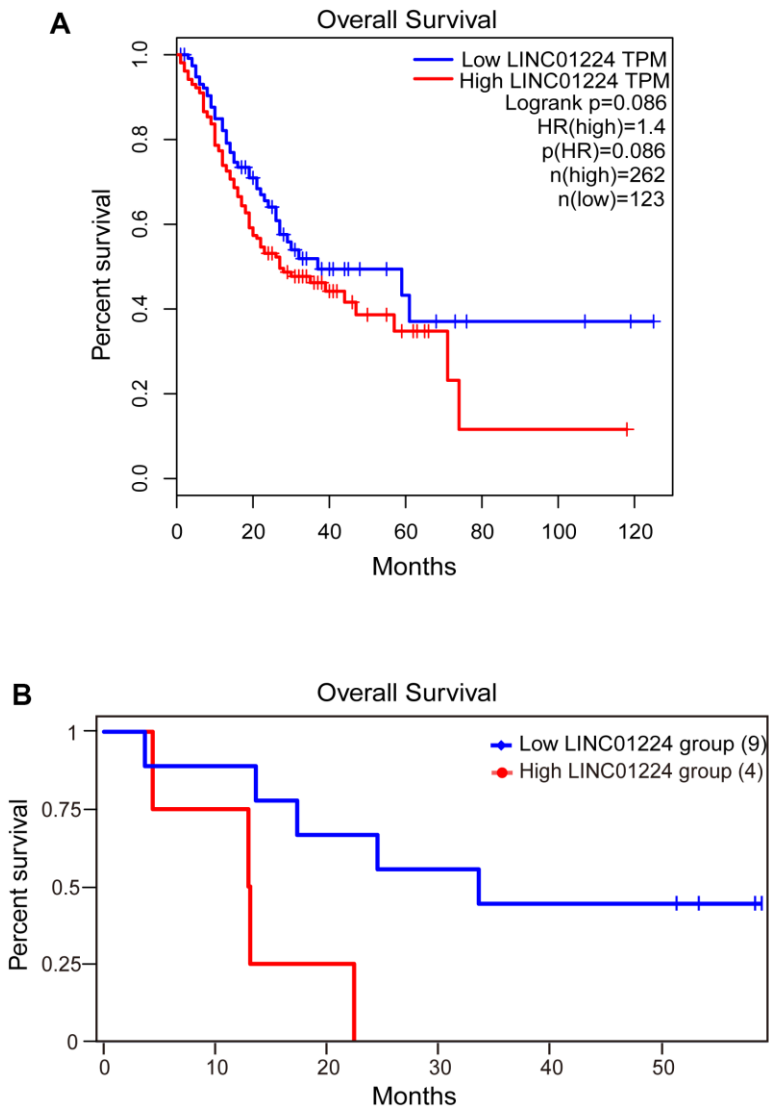


SUPPLEMENTARY FIGURES



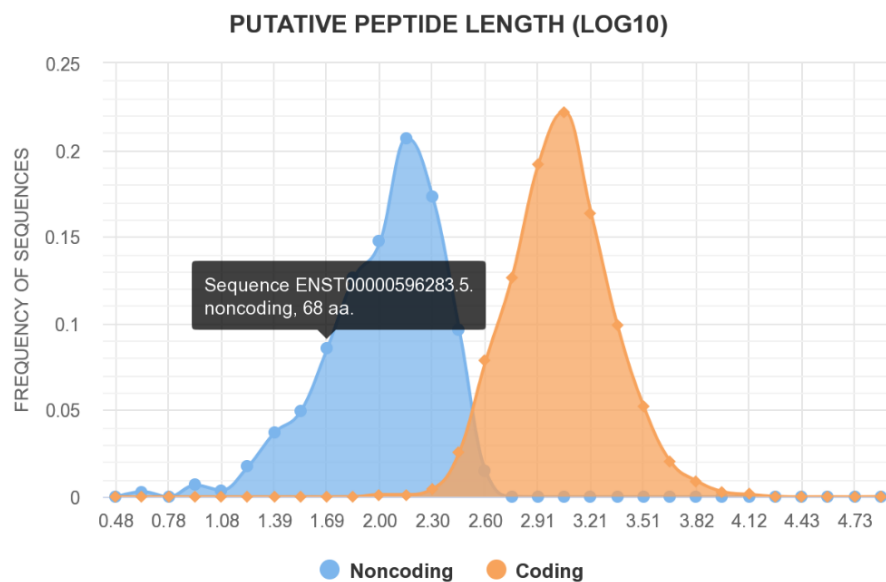
Supplementary Figure 1. The correlation between the expression level of LINC01224 and OS of GC patients. (A) The OS rate of GC patients in the high LINC01224 expression group was lower than that of patients in the low LINC01224 expression group that analyzed the TCGA database using the GEPIA. (B) The analysis of GSE38749 dataset performed using the InCAR website indicated that GC patients in the high LINC01224 expression group had a lower OS rate than those in the low LINC01224 expression group.

A

Data ID	Sequence Name	RNA Size	ORF Size	Fickett Score	Hexamer Score	Coding Probability	Coding Label
0	ENST00000596283.5	2766	204	0.6975	-0.480418477445	0.00087563467139802	no
1	LINC01224-203	194	6	0.3194	-3.34444417906	2.2520034605241E-13	no
2	LINC01224-203	106	6	0.6163	0.754487205573	0.24589743023214	no
3	LINC01224-203	78	36	0.7387	-0.451578417299	0.00023097401553011	no
4	LINC01224-203	158	48	0.8568	-0.191563923545	0.0021071812229215	no
5	LINC01224-203	28	9	0.7426	0.5763771108	0.13440296780496	no
6	LINC01224-203	288	57	0.8583	-0.044335325539	0.0060954366506059	no
7	LINC01224-203	336	66	0.4147	-0.191843738299	0.00063111150515418	no
8	LINC01224-203	1578	204	0.6975	-0.480418477445	0.00094106959004621	no
9	LINC01224-203	1792	147	0.7585	-0.24959196441	0.0027838498039605	no
10	LINC01224-203	664	192	0.7466	-0.374857558437	0.0020444802640556	no
11	LINC01224-203	149	6	0.3299	-2.90185301361	4.3368286332487E-12	no
12	LINC01224-203	1203	207	0.4736	-0.241649972359	0.0023773854266959	no
13	LINC01224-203	226	0	0	0	0.00030024298547403	no
14	LINC01224-203	693	81	0.6674	-0.397629793384	0.00041301298044843	no
15	LINC01224-203	1129	192	0.8405	-0.320245573025	0.0038218286929068	no

B

Sequence ENST00000596283.5 got Fickett score 0.28007 with a complete putative ORF 68 AA, a pI 7.71917724609, which, in total, classify it as a noncoding sequence with coding probability 0.0321526.



Supplementary Figure 2. The prediction of the protein-coding ability of LINC01224. (A) The predicted results of CPAT website indicated that the transcript ENST00000596283.5 of LINC01224 had no protein-coding ability. (B) The CPC website's predicted results indicated that the transcript ENST00000596283.5 of LINC01224 is a noncoding sequence with coding probability 0.0321526.