

SUPPLEMENTARY TABLES

Supplementary Table 1. Correlation between ZBTB7C and TMB in pancancer.

CancerType	Cor	P
ACC	0.074986763	0.511310077
BLCA	-0.023807658	0.631594569
BRCA	-0.137956886	***
CESC	-0.070600864	0.233957663
CHOL	-0.167074652	0.330087276
COAD	0.2088901	***
DLBC	-0.210052157	0.211311022
ESCA	-0.156532988	*
GBM	-0.021331606	0.796917012
HNSC	0.090829459	*
KICH	0.12121683	0.336113993
KIRC	-0.047641365	0.386882701
KIRP	-0.059855833	0.320032389
LAML	0.113883384	0.374155484
LGG	-0.070672552	0.114131961
LIHC	-0.073222316	0.166240488
LUAD	-0.39699556	***
LUSC	-0.098686912	*
MESO	0.005856676	0.959145448
OV	-0.074681008	0.219554492
PAAD	0.246420436	**
PCPG	-0.018569788	0.806204266
PRAD	-0.361925354	***
READ	0.002082146	0.98109627
SARC	-0.220854452	***
SKCM	-0.263837157	***
STAD	-0.011832685	0.821025702
TGCT	-0.108910668	0.192237047
THCA	-0.003019664	0.947279711
THYM	0.375722423	***
UCEC	-0.052537446	0.229462386
UCS	-0.045716441	0.737949911
UVM	-0.06837225	0.54676078

Cor, R value of Spearman's correlation. * $P < 0.05$; ** $P < 0.01$; *** $P < 0.001$.

Supplementary Table 2. Correlation between ZBTB7C and MSI in pancancer.

CancerType	Cor	P
ACC	0.078433282	0.492033508
BLCA	-0.104057123	*
BRCA	-0.093148164	**
CESC	-0.078290524	0.174785725
CHOL	-0.293436293	0.082659076

COAD	0.198824035	***
DLBC	-0.053630072	0.717332196
ESCA	-0.104985977	0.186427612
GBM	0.161360935	*
HNSC	-0.013970642	0.756278789
KICH	0.130956935	0.298428825
KIRC	-0.024393693	0.656409899
KIRP	-0.074899789	0.207428345
LAML	-0.188648273	0.12339913
LGG	-0.002708062	0.951449703
LIHC	-0.077939833	0.135079037
LUAD	-0.036561006	0.409527959
LUSC	0.005661489	0.900216894
MESO	-0.134076389	0.229787922
OV	-0.012422068	0.838404792
PAAD	-0.098395235	0.195160086
PCPG	-0.069253623	0.358329713
PRAD	-0.13430933	**
READ	-0.020843265	0.798816238
SARC	-0.145062633	*
SKCM	-0.132410305	**
STAD	0.037459798	0.470130607
TGCT	0.00593466	0.9425406
THCA	-0.046066899	0.308339037
THYM	0.084963167	0.360314041
UCEC	0.000573876	0.989404411
UCS	-0.169178714	0.212591461
UVM	0.090092308	0.426761343

Cor, R value of Spearman's correlation. * $P < 0.05$; ** $P < 0.01$; *** $P < 0.001$.

Supplementary Table 3. Immunohistochemical analysis of ZBTB7C and gene markers in colorectal cancer and adjacent tissues.

	tissue		P value (χ^2)
	Normal ($n = 20$)	Cancer ($n = 20$)	
Immunohistochemical grade			
Low expression ZBTB7C	1 (5%)	13 (65%)	<0.001
High expression ZBTB7C	19 (95%)	7 (35%)	
Low expression TPSB2	4 (20%)	12 (60%)	0.010
High expression TPSB2	16 (80%)	8 (40%)	
Low expression MS4A2	2 (10%)	10 (50%)	0.006
High expression MS4A2	18 (90%)	10 (50%)	
Low expression CD19	8 (40%)	16 (80%)	0.010
High expression CD19	12 (60%)	4 (20%)	
Low expression MS4A1	6 (30%)	13 (65%)	0.027
High expression MS4A1	14 (70%)	7 (35%)	