



Figure S1 Expression profile of ZAP70 in normal tissue and 31 cancer tissue from GEPIA database.

Table S1 The sample sizes of cancer patients an NC from TIMER3

Tumor	Nor	Labels
BLCA.Tumor (n=406)	BLCA.Normal (n=19)	NS
BRCA.Tumor (n=1086)	BRCA.Normal (n=113)	NS
CESC.Tumor (n=304)	CESC.Normal (n=3)	*
CHOL.Tumor (n=35)	CHOL.Normal (n=9)	NS
COAD.Tumor (n=456)	COAD.Normal (n=41)	*
ESCA.Tumor (n=184)	ESCA.Normal (n=13)	NS
HNSC-HPV+.Tumor (n=97)	HNSC-HPV-.Tumor (n=421)	NS
HNSC.Tumor (n=520)	HNSC.Normal (n=44)	***
KICH.Tumor (n=66)	KICH.Normal (n=25)	NS
KIRC.Tumor (n=533)	KIRC.Normal (n=72)	***
KIRP.Tumor (n=290)	KIRP.Normal (n=32)	***
LIHC.Tumor (n=371)	LIHC.Normal (n=50)	*
LUAD.Tumor (n=516)	LUAD.Normal (n=59)	NS
LUSC.Tumor (n=501)	LUSC.Normal (n=51)	***
PAAD.Tumor (n=178)	PAAD.Normal (n=4)	*
PCPG.Tumor (n=179)	PCPG.Normal (n=3)	NS
PRAD.Tumor (n=497)	PRAD.Normal (n=52)	**
READ.Tumor (n=165)	READ.Normal (n=10)	NS
SKCM.Tumor (n=103)	SKCM.Metastasis (n=367)	NS
STAD.Tumor (n=412)	STAD.Normal (n=36)	**
THCA.Tumor (n=505)	THCA.Normal (n=59)	**
UCEC.Tumor (n=545)	UCEC.Normal (n=23)	NS

*, P<0.05; **, P<0.01; ***, P<0.0001; NS, not significant.

Table S2 Clinical characteristics of patients with LUAD in the TCGA

Clinical characteristic	Category	Number (n)
Age	<65 years	252
	≥65 years	267
	Unknown	16
Gender	Male	252
	Female	283
Pathologic stage	Stage I	293
	Stage II	123
	Stage III	84
	Stage IV	28
	Unknown	7
T stage	T1	171
	T2	280
	T3	47
	T4	19
	Unknown	18
N stage	N0	345
	N1	96
	N2	75
	N3	2
	Unknown	17
M stage	M0	353
	M1	25
	Unknown	157

Table S3 Clinical information of the patients

Patients	Gender	Smoking	Treatment	Age (years)	T	N	M	Stage
1	Male	No	Pemetrexed	73	1b	0	0	IA
2	Male	Yes	combined	54	1c	0	0	IA
3	Female	No	with cisplatin/ carboplatin, etc.	53	1c	1	0	IIB
4	Female	No		70	2	0	0	IB
5	Female	No		75	2	2	0	IIIA
6	Male	Yes		49	2	1	-	IIB
7	Male	Yes		60	1b	0	0	IA