

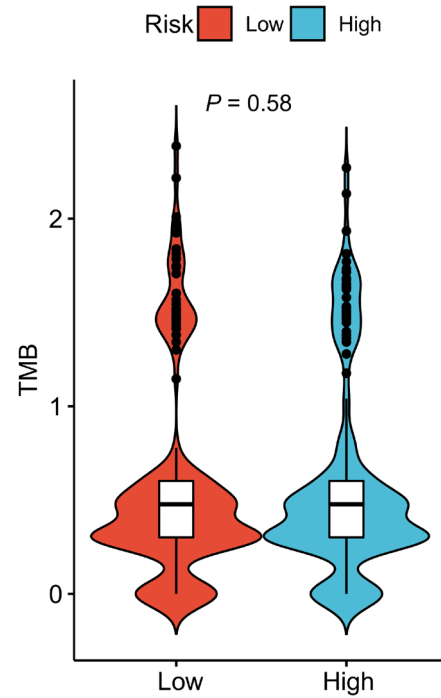
## Supplementary

**Table S1** The primer sequences used for qRT-PCR in this study

Gene ID	Primer F	Primer R
AP006621.5	AAAGGACAGATGTTACACGATACCA	CACCACCTATCTTCTGCCTCAAT
CTD-2547G23.4	TTGCTCTCTTCTGGTGCTGC	GGTGACACTGTTGCCTCTGCT
CTD-2547L24.3	GAACACAGTGGATGCGAAAATATTC	CCTCGACAGATGTGGCTTAGTTCT
PCAT6	TCCTCATTCCGGTCCATCCAACCTCC	GAAGCACGAGCAAGGCAGAGAC
RP11-815M8.1	GCCTCGATAGAGCAGTCCCT	GCTTCTTGCTGTGTGTTTCCC

**Table S2** The mRNA-lncRNA co-expression network

node1	node2
SLC2A6	AC068580.6
PIK3CA	AC113189.5
SLC38A1	AC113189.5
KEAP1	AC113189.5
MAPK8	AC113189.5
MAPK9	AC113189.5
ATM	AC113189.5
FBXW7	AC113189.5
ANGPTL7	AC113189.5
KLHL24	AC113189.5
TUBE1	AC113189.5
GABPB1	AC113189.5
HELLS	AC113189.5
OTUB1	AC113189.5
CHMP6	AC113189.5
RPL8	AP006621.5
HRAS	AP006621.5
MAPK8	AP006621.5
ANGPTL7	AP006621.5
HSF1	AP006621.5
OTUB1	AP006621.5
PHKG2	CTD-2547G23.4
CYBB	CTD-2547L24.3
NCF2	CTD-2547L24.3
ENPP2	CTD-2547L24.3
IREB2	PCAT6
PIK3CA	PCAT6
MAPK3	PCAT6
MAPK8	PCAT6
ATM	PCAT6
FBXW7	PCAT6
TUBE1	PCAT6
RELA	PCAT6
HSPB1	PCAT6
GABPB1	PCAT6
HELLS	PCAT6
OTUB1	PCAT6
IREB2	RP11-797A18.6
SP1	RP11-797A18.6
HELLS	RP11-797A18.6
IFNG	RP11-79H23.3
NOX4	RP11-815M8.1
NCF2	RP11-815M8.1



**Figure S1** Boxplot showing the association of TMB with the risk score.