

Supplementary Tables

Supplementary Table 1 Univariate analysis and multivariate analysis of patients' characteristics and SOAT1 and SOAT2 expression

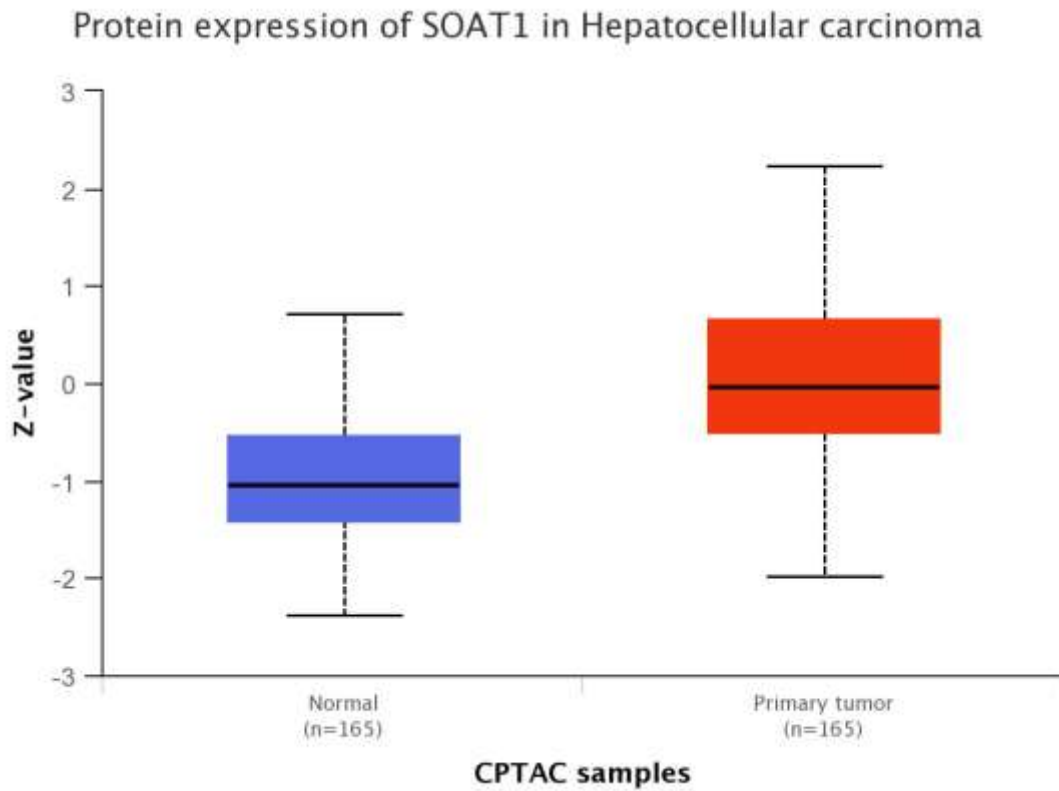
Characteristics	Total (N)	Univariate analysis		Multivariate analysis	
		Hazard ratio (95% CI)	<i>P</i> value	Hazard ratio (95% CI)	<i>P</i> value
T stage	370				
T1	183	Reference			
T2	94	1.428 (0.901- 2.264)	0.129	0.000 (0.000-Inf)	0.994
T3&T4	93	2.949 (1.982- 4.386)	<0.001	0.850 (0.116- 6.234)	0.873
N stage	258				
N0	254	Reference			
N1	4	2.029 (0.497- 8.281)	0.324		
M stage	272				
M0	268	Reference			
M1	4	4.077 (1.281- 12.973)	0.017	2.315 (0.706- 7.596)	0.166
SOAT1	373	1.366 (1.109- 1.682)	0.003	1.403 (1.077- 1.828)	0.012
SOAT2	373	1.053 (0.967- 1.148)	0.234		

Characteristics	Total (N)	Univariate analysis		Multivariate analysis	
		Hazard ratio (95% CI)	<i>P</i> value	Hazard ratio (95% CI)	<i>P</i> value
Age	373				
≤60	177	Reference			
>60	196	1.205 (0.850- 1.708)	0.295		
Gender	373				
Female	121	Reference			
Male	252	0.793 (0.557- 1.130)	0.200		
BMI (kg/m²)	336				
≤25	177	Reference			
>25	159	0.798 (0.550- 1.158)	0.235		
Pathologic stage	349				
Stage I	173	Reference			
Stage II	86	1.416 (0.868- 2.312)	0.164	8120752.943 (0.000-Inf)	0.994
Stage III&Stage IV	90	2.823 (1.862- 4.281)	<0.001	3.802 (0.513- 28.191)	0.191

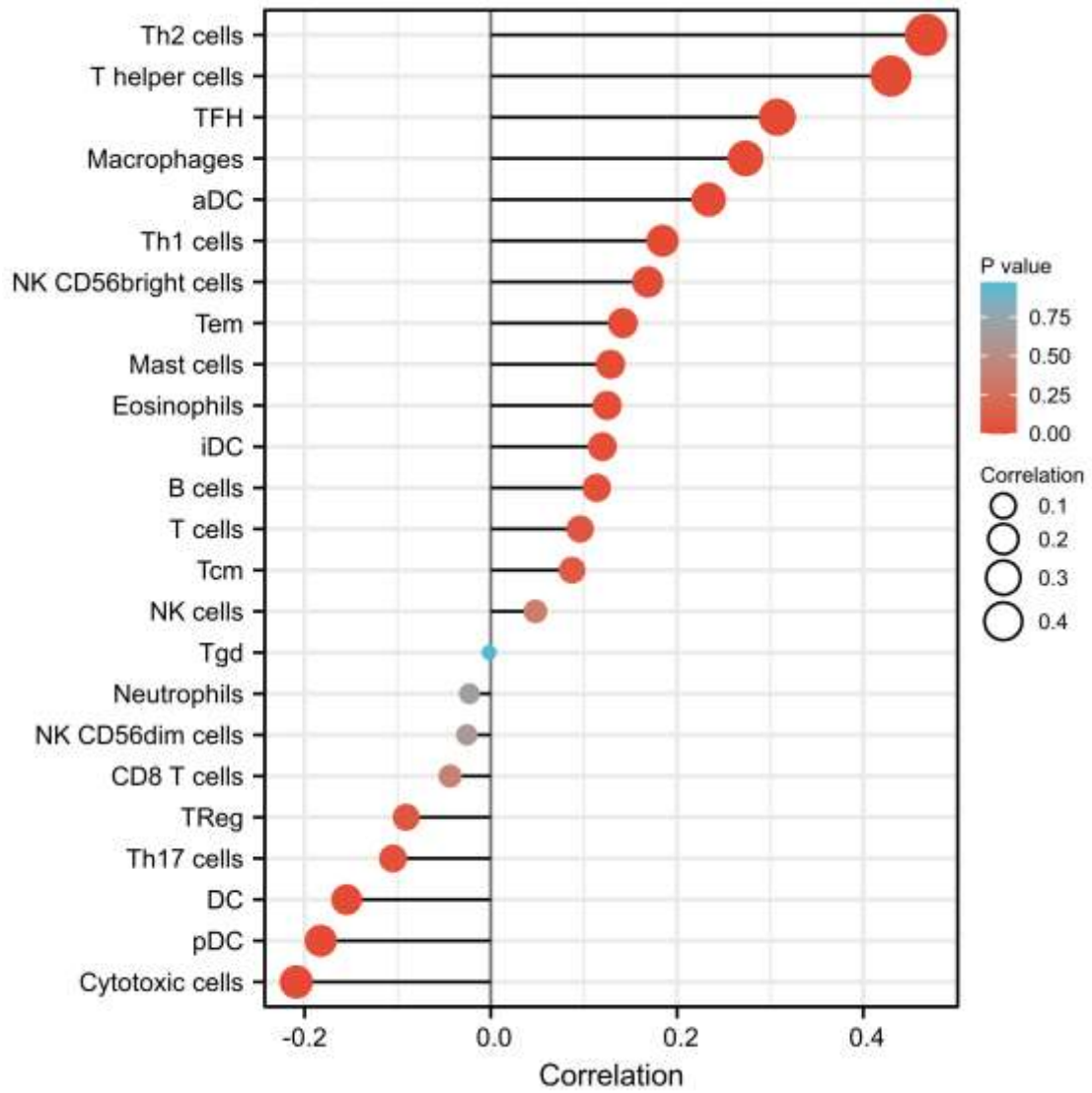
Characteristics	Total (N)	Univariate analysis		Multivariate analysis	
		Hazard ratio (95% CI)	<i>P</i> value	Hazard ratio (95% CI)	<i>P</i> value
Histologic grade	368				
G1	55	Reference			
G2	178	1.162 (0.686- 1.968)	0.577		
G3&G4	135	1.222 (0.710- 2.103)	0.469		
AFP (ng/ml)	279				
≤400	215	Reference			
>400	64	1.075 (0.658- 1.759)	0.772		
Fibrosis ishak score	214				
0	75	Reference			
1/2	31	0.935 (0.437- 2.002)	0.864		
3/4	28	0.698 (0.288- 1.695)	0.428		
5/6	80	0.737 (0.410- 1.325)	0.308		

Characteristics	Total (N)	Univariate analysis		Multivariate analysis	
		Hazard ratio (95% CI)	<i>P</i> value	Hazard ratio (95% CI)	<i>P</i> value
Albumin (g/dl)	299				
<35	69	Reference			
≥35	230	0.897 (0.549- 1.464)	0.662		
Prothrombin time	296				
≤4	207	Reference			
>4	89	1.335 (0.881- 2.023)	0.174		
Vascular invasion	317				
No	208	Reference			
Yes	109	1.344 (0.887- 2.035)	0.163		

Supplementary Figure Legend



Supplementary Figure 1 SOAT1 protein expression HCC patients and normal subjects in Clinical Proteomic Tumor Analysis Consortium samples.



Supplementary Figure 2 Immune cell infiltration analysis in the SOAT1 high and low expression groups.