Table 1. Clinicopathological characteristics of patient samples and expression of HULC in HCC

Characteristics	No. of case (%)
Age	
<50	9 (18.0)
≥50	41 (82.0)
Gender	
Male	41 (82.0)
Female	9 (18.0)
Alcoholism	
Yes	15 (30.0)
No	35 (70.0)
Liver cirrhosis	
Yes	32 (64.0)
No	18 (36.0)
AFP (ng/L)	
<200	36 (72.0)
≥200	14 (28.0)
ALT (U/L)	
<60	34 (68.0)
≥60	16 (32.0)
AST (U/L)	
<40	33 (66.0)
≥40	17 (34.0)
Tumor number	
Single	34 (68.0)
Multiple	16 (32.0)
Tumor size	
<5cm	29 (58.0)
≥5cm	21 (42.0)
Portal vein invasion	
Yes	9 (18.0)
No	41 (82.0)
TNM stage	
I+II stage	39 (78.0)
III+IV stage	11 (22.0)

HCC hepatocellular carcinoma, AFP α-fetoprotein, ALT alanine aminotransferase, AST aspartate aminotransferase, TNM tumor, node, metastasis

Table 2. Correlation between HULC expression and clinicopathologic characteristics of HCC patients

	HULC expression		
Characteristics HULC	**Low or none, no. cases**	**High, no. cases**	**p value**
Age			
<50	4	5	0.713
≥50	21	20	
Gender			
Male	21	20	0.713
Female	4	5	
Alcoholism			
Yes	8	7	0.758
No	17	18	
Liver cirrhosis			
Yes	20	12	**0.018**
No	5	13	
AFP (ng/L)			
<200	18	18	1.000
≥200	7	7	
ALT (U/L)			
<60	19	15	0.225
≥60	6	10	
AST (U/L)			
<40	18	15	0.370
≥40	7	10	
Tumor number			
Single	18	16	0.544
Multiple	7	9	
Tumor size			
<5cm	14	15	0.774
≥5cm	11	10	
Portal vein invasion			
Yes	3	6	0.269
No	22	19	
TNM stage			
I+II stage	19	20	0.733
III+IV stage	6	5	

P values were calculated using chi-square test. Bold numbers indicate significant differences ($P < 0.05$). HCC hepatocellular carcinoma, AFP α-fetoprotein, ALT alanine aminotransferase, AST aspartate aminotransferase, TNM tumor, node, metastasis

Supplementary table 1. Primer sequences for qPCR, siRNA

Genes	Primer direction	Primer sequence (5′-3′)
HULC	qPCR primer F	AACCTCCAGAACTGTGAT
	qPCR primer R	CATAATTCAGGGAGAAAG
	pcDNA3.1-HULC primer F	CCCAAGCTTATGGGGGTGGAACTCATGATGGAAT
	pcDNA3.1-HULC primer R	GGAATTCAAGAATGGACATCATTTTATTTCA
	siRNA F	GGAAGAAACUCUGAAGUAAdtdt
	siRNA R	UUACUUCAGAGUUUCUUCCdtdt
GAPDH	qPCR primer F	ACTGCCACCCAGAAGACT
	qPCR primer R	GCTCAGTGTAGCCCAGGAT