

Table 2. Associations between two significantly independent SNPs and OS of HBV-HCC patients

Genotype	No.of patients	Death (%)	HR (95%CI)	<i>P</i> ^b
<i>USP45</i> rs4840048 T>C				
TT	742	374 (50.40)	1	
TC	117	44 (37.61)	0.67 (0.49-0.91)	0.012
CC	7	1 (14.29)	0.23 (0.03-1.67)	0.148
Trend test				0.003
TC+CC	124	45 (36.29)	0.64 (0.47-0.87)	0.005
<i>PRPF19</i> rs7116665 C>A				
CC	431	198 (45.94)	1	
CA	369	181 (49.05)	1.17 (0.95-1.43)	0.139
AA	66	40 (60.61)	2.08 (1.48-2.95)	<0.001
Trend test				<0.001
CA+AA	435	221 (50.80)	1.27 (1.04-1.54)	0.018
Number of unfavorable genotypes ^a				
0	57	20 (35.09)	1	
1	441	203 (46.03)	1.45 (0.91-2.29)	0.118
2	368	196 (53.26)	1.93 (1.22-3.07)	0.005
Trend test				<0.001
0-1	498	223 (44.78)	1	
2	368	196 (53.26)	1.39 (1.15-1.69)	<0.001

^a Unfavorable genotypes: rs4840048 TT and rs7116665 CA/AA.

^b Adjusted for age, sex, smoking status, drinking status, AFP level, cirrhosis status, embolus and BCLC stage.

Abbreviations: SNP, single-nucleotide polymorphisms; OS, overall survival; HBV-HCC, hepatitis B virus related hepatocellular carcinoma; No.of patients, number of patients; HR, hazards ratio; CI, confidence interval.