

S1 Table. The correlation of Vps34 expression and clinical features of HCC patients

Clinical feature	No. of cases	Peri-carcinoma (%)			Carcinoma (%)		
		Low Vps34	High Vps34	p-value	Low Vps34	High Vps34	p-value
Sex							
Male	12	4 (26.7)	8 (13.8)	0.2305	6 (12.2)	6 (25.0)	0.1672
Female	61	11 (73.3)	50 (86.2)		43 (87.8)	18 (75.0)	
Age (yr)							
< 60	44	10 (66.7)	34 (58.6)	0.5703	32 (65.3)	12 (50.0)	0.2093
≥ 60	29	5 (33.3)	24 (41.4)		17 (34.7)	12 (50.0)	
Tumor size (cm)							
< 5	41	7 (46.7)	34 (58.6)	0.3280	27 (55.1)	14 (58.3)	0.5008
≥ 5	30	8 (53.3)	22 (37.9)		22 (44.9)	8 (33.3)	
Microvascular invasion							
-	31	4 (26.7)	27 (46.6)	0.1649	16 (32.7)	15 (62.5)	0.0154*
+	42	11 (73.3)	31 (53.4)		33 (67.3)	9 (37.5)	
Liver cirrhosis							
-	26	6 (40.0)	20 (34.5)	0.6908	16 (32.7)	10 (41.7)	0.4500
+	47	9 (60.0)	38 (65.5)		33 (67.3)	14 (58.3)	
HEP1 staining							
-	17	2 (13.3)	15 (25.9)	0.3062	9 (18.4)	8 (33.3)	0.1553
+	56	13 (86.7)	43 (74.1)		40 (81.6)	16 (66.7)	

HCC, hepatocellular carcinoma; Vps34, vacuolar protein sorting 34. .