

Table S4. Correlation between tumor subgroups and clinicopathological parameters in HCC samples. Fisher's exact test was used to test the correlation between tumor subgroups and clinicopathological parameters.

Parameter	Available Data	Group-1	Group-2	Group-3	p-value ^a
Age at diagnosis (Median=65.3)					
≥65 years old	59	9	7	15	0.55
<65 years old		12	4	12	
Gender					
Male	59	19	10	23	0.87
Female		2	1	4	
HBV status					
postive	59	12	6	18	0.73
negative		9	5	9	
Tumor size					
≥5 cm	59	12	6	15	1.00
<5 cm		9	5	12	
Differentiation (Edmonson)					
I,II	59	11	7	10	0.32
III,IV		10	4	17	
TNM staging					
1	58	13	3	16	0.25
2,3		8	7	11	
Cirrhosis					
Absent	58	12	6	19	0.59
Present		8	5	8	
Tumor Multifocality					
Absent	55	15	8	22	1.00
Present		3	2	5	
Tumor Encapsulation					
Absent	53	10	5	20	0.27
Present		8	4	6	
AFP level					
≥100ng/ml	51	6	2	7	0.85
<100ng/ml		13	8	15	

^aFisher's Exact Test