physiological/pathological	HCC patients	Healthy individuals	
variable	(n=3)	(n=3)	
Gender			
Male	3	3	
Female	0	0	
Age (years)			
40-50	3	3	
>50	0	0	
Weight (kg)			
51-60	0	0	
61-70	2	2	
71-80	1	1	
Smoking history			
Yes	0	0	
No	3	3	
Drinking alcohol hobby			
Yes	0	0	
No	3	3	
Child-Pugh			
А	3	3	
В	0	0	
С	0	0	
Tumor size (cm)			
≤2	3	0	
> 2	0	0	
BCLC stage			
0	3	Ν	
Α	0	Ν	
В	0	Ν	

Additional file 10: Physiological/pathological	characteristics	of	patients	and	healthy
individuals enrolled in this study.					

The Child-Pugh system classifies the liver function from A to C, with A representing the best liver function. BCLC denotes Barcelona Clinic Liver Cancer staging system, which ranks hepatocellular carcinoma in five stages, ranging from 0 (very early stage) to D (terminal stage).