

**Table S2. Clinical characteristic of HCC patients and control subjects.**

	Group	Sample number	Age (years, means $\pm$ s.d.)	Gender		Tumor size (cm)		
				Male No. (%)	Female No. (%)	> 5 No. (%)	3~5 No. (%)	$\leq$ 3 No. (%)
T(HCC)	tissue	27	59 $\pm$ 9	22 (81)	5 (19)	10 (37)	6 (22)	11 (41)
T(Aj)	tissue	27	59 $\pm$ 9	22 (81)	5 (19)	10 (37)	6 (22)	11 (41)
T(NL)	tissue	3	55 $\pm$ 8	1 (33)	2 (67)			
P(HCC)	plasma (training)	27	62 $\pm$ 11	23 (75)	4 (15)	8 (30)	10 (37)	9 (33)
P(Ci)	plasma (training)	17	54 $\pm$ 11	12 (71)	5 (29)			
P(N)	plasma (training)	28	57 $\pm$ 17	21 (78)	7 (12)			
P(HCC)	plasma (testing)	9	62 $\pm$ 13	7 (78)	2 (22)	5 (56)	3 (33)	1 (11)
P(N)	plasma (testing)	10	61 $\pm$ 15	8 (80)	2 (20)			