

Table2. TOP2A gene and CEP17 copy number in 22 pair of HCC tissues and matched non-tumor tissues

No.	Case	Matched non-tumor tissues			HCC tissues		
		Cep17	TOP2A	Ratio	Cep17	TOP2A	Ratio
1	7	1.83	2.07	1.13	3.67	3.80	1.03
2	10	2.20	2.29	1.04	7.00	7.77	1.11
3	14	2.0	2.13	1.07	1.93	2.00	1.04
4	15	1.84	2.09	1.14	3.72	3.90	1.05
5	17	1.87	2.57	1.37	3.13	3.51	1.12
6	19	2.00	2.09	1.05	3.58	3.84	1.07
7	20	2.60	3.68	1.42	3.74	4.10	1.10
8	21	NA	NA	NA	4.48	4.8	1.07
9	24	2.34	3.03	1.29	2.21	2.71	1.23
10	25	2.00	2.00	1.00	2.42	2.59	1.07
11	29	2.43	2.92	1.20	3.29	3.97	1.21
12	31	2.34	2.66	1.14	4.07	4.07	1.00
13	32	1.88	2.20	1.17	4.76	3.04	0.64
14	33	NA	NA	NA	NA	NA	NA
15	34	1.97	2.11	1.07	12.33	8.00	0.65
16	35	1.89	2.00	1.06	2.66	4.11	1.54
17	36	NA	NA	NA	2.37	2.46	1.04
18	37	2.12	2.34	1.10	3.97	4.19	1.05
19	38	2.78	2.50	0.9	1.97	2.15	1.09
20	39	NA	NA	NA	NA	NA	NA
21	40	1.99	2.48	1.25	2.92	3.34	1.14
22	42	1.92	2.04	1.06	2.10	2.32	1.10

NA = not available

Cep 17 = copy number of chromosome 17 centromere by FISH; CEP17 ≥ 3 = Gain of chromosome 17 centromere;

TOP2A = copy number of TOP2A by FISH

Ratio = TOP2A/Cep17 ratio; Ratio ≤ 0.8 = TOP2A gene deletion

0.8 < Ratio < 2 = TOP2A non-amplified

Ratio ≥ 2 = TOP2A amplified (positive)