

Supplementary data

Table S1. Thirty-nine patients who had both hepatic and extrahepatic tumors.

Extrahepatic	Disease control	Progressive disease	Total
Hepatic			
Disease control	16	4	20
Progressive disease	12	7	19
Total	29	10	39

Table S2. Sixteen patients who had only hepatic tumors and lung metastases at baseline.

Lung	Disease control	Progressive disease	Total
Hepatic			
Disease control	7	0	7
Progressive disease	8	1	9
Total	15	1	16

Fig. S1 A representative patient with paired primary hepatocellular carcinoma (HCC) and lung metastatic samples had comparable expression of programmed death-ligand 1 (PD-L1) in both tumor cells and tumor-infiltrating immune cells. Consecutive slides of HCC in liver (A) and lung metastasis (B) were stained with H&E and PD-L1, respectively.

