**Table S1. The clinical characteristics of 20 resected patients with HCC**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Patients | Sex | Age | BCLC stage | Primary Etiology | Cirrhosis | Invasion |
| 1 | Female | 63 | B | HBV | Mild | None |
| 2 | Female | 69 | A | HBV | Mild | None |
| 3 | Male | 55 | B | HBV | Mild | None |
| 4 | Male | 39 | B | HBV | Severe | None |
| 5 | Male | 54 | B | HBV | Severe | None |
| 6 | Female | 64 | A | HBV | Moderate | None |
| 7 | Male | 42 | A | HBV | None | Lymph Node |
| 8 | Male | 58 | B | HBV | Mild | None |
| 9 | Male | 49 | A | HBV | Mild | None |
| 10 | Male | 79 | A | HBV | None | None |
| 11 | Female | 61 | B | HBV | Moderate | None |
| 12 | Male | 73 | B | HBV | Moderate | None |
| 13 | Male | 71 | A | HBV | Mild | None |
| 14 | Male | 56 | A | HBV | None | None |
| 15 | Male | 63 | A | HBV | Moderate | None |
| 16 | Male | 57 | A | HBV | Mild | None |
| 17 | Female | 67 | B | HBV | None | None |
| 18 | Male | 60 | B | HBV | Mild | None |
| 19 | Male | 39 | A | HBV | Moderate | None |
| 20 | Male | 57 | A | HBV | Moderate | None |

HCC, hepatocellular carcinoma.