**Supplementary Table 1. Correlation between RP11-40C6.2 expression and HCC clinicopathologic features in 120 patients**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | Number | RP11-40C6.2 expression levels | | *P* value |
| High expression | Low expression |
| All cases | 120 | 60 | 60 |  |
| Age (years) |  |  |  | 0.058 |
| <60 | 76 | 33 | 43 |  |
| ≥60 | 44 | 27 | 17 |  |
| Gender |  |  |  | 0.062 |
| Male | 72 | 41 | 31 |  |
| Female | 48 | 19 | 29 |  |
| Liver cirrhosis |  |  |  | 0.849 |
| No | 43 | 22 | 21 |  |
| Yes | 77 | 38 | 39 |  |
| Serum AFP (ng/mL) |  |  |  | 0.058 |
| ≤20 | 44 | 17 | 27 |  |
| >20 | 76 | 43 | 33 |  |
| Tumor size (cm) |  |  |  | **0.011** |
| ≤5 | 60 | 23 | 37 |  |
| >5 | 60 | 37 | 23 |  |
| Microvascular invasion |  |  |  | **0.044** |
| Absent | 65 | 38 | 27 |  |
| Present | 55 | 22 | 33 |  |
| Tumor number |  |  |  | 0.206 |
| Single | 90 | 42 | 48 |  |
| Multiple | 30 | 18 | 12 |  |
| Edmondson-Steiner grade |  |  |  | **0.001** |
| I/II | 79 | 25 | 54 |  |
| III/IV | 41 | 35 | 6 |  |
| Portal vein tumor thrombus |  |  |  | **0.016** |
| No | 85 | 39 | 46 |  |
| Yes | 35 | 21 | 14 |  |
| TNM tumor stage |  |  |  | **0.004** |
| I/II | 120 | 32 | 47 |  |
| III/IV | 38 | 28 | 13 |  |

Total data from 120 HCC patients were analyzed. For the expression of RP11-40C6.2 was assayed by qRT-PCR, the median expression level was used as the cutoff. Data were analyzed by chi-squared test. *P*-value in bold indicates statistically significant.