**Supplementary Table 2. Association between DDRGK1 expression and clinicopathologic characteristics of HCC patients in TMA cohort of Zhongshan.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Characteristics** | **Total(%)(N=98)** | **Low(%)(N=49)** | **High(%)(N=49)** | ***P* value** |
| Gender |  |  |  | 0.182 |
| Female | 10(10.20) | 7(7.14) | 3(3.06) |  |
| Male | 88(89.80) | 42(42.86) | 46(46.94) |  |
| Age (years) |  |  |  | 0.069 |
| ≤ 50 | 47(47.96) | 19(19.39) | 28(28.57) |  |
| ˃ 50 | 51(52.04) | 30(30.61) | 21(21.43) |  |
| AFP(μg/L) |  |  |  | 0.292 |
| ≤ 20 | 35(35.71) | 15(15.31) | 20(20.41) |  |
| ˃ 20 | 63(64.29) | 34(34.69) | 29(29.59) |  |
| Liver Cirrhosis |  |  |  | 0.779 |
| No | 15(15.31) | 7(7.14) | 8(8.16) |  |
| Yes | 83(84.69) | 42(42.86) | 41(41.84) |  |
| MVI |  |  |  | 0.686 |
| No | 50(51.02) | 24(24.49) | 26(26.53) |  |
| Yes | 48(48.98) | 25(25.51) | 23(23.47) |  |
| Tumor number |  |  |  | 0.790 |
| Single | 81(82.65) | 41(41.84) | 40(40.82) |  |
| Multiple | 17(17.35) | 8(8.16) | 9(9.18) |  |
| Tumor size (cm) |  |  |  | 0.225 |
| ≤ 5 | 48(48.98) | 27(27.55) | 21(21.43) |  |
| ˃ 5 | 50(51.02) | 22(22.45) | 28(28.57) |  |
| Tumor encapsulation |  |  |  | 0.840 |
| Yes | 47(47.96) | 24(24.49) | 23(23.47) |  |
| No | 51(52.04) | 25(25.51) | 26(26.53) |  |
| Tumor differentiation |  |  |  | 0.521 |
| I-II | 65(66.33) | 34(34.69) | 31(31.63) |  |
| III-IV | 33(33.67) | 15(15.31) | 18(18.37) |  |
| TNM stage |  |  |  | 0.498 |
| I+II | 71(72.45) | 37(37.76) | 34(34.69) |  |
| III+IV | 27(27.55) | 12(12.24) | 15(15.31) |  |
| BCLC stage |  |  |  | 0.838 |
| 0+A | 41(41.84) | 21(21.43) | 20(20.41) |  |
| B+C | 57(58.16) | 28(28.57) | 29(29.59) |  |
| HBsAg |  |  |  | 1.000 |
| Negative | 20(20.41) | 10(10.20) | 10(10.20) |  |
| Positive | 78(79.59) | 39(39.80) | 39(39.80) |  |

Abbreviations: AFP, alpha-fetoprotein; MVI, Microvascular invasion; TNM, tumor-node-metastasis; BCLC, Barcelona Clinic Liver Cancer. *P* < 0.05 was considered statistically significant by the Pearson chi-square test.