| Table S3. The association between nuclear SMAD4 expression and clinicopathological parameters in three subtypes of RCC | | | | |
|---|---|---|---|---|
| | | **Expression of SMAD4** | | |
| | | **Nuclear *H-Score* (N %)** | | ***P value** |
| **Patient and tumor charachteristics** | **Total No.Cases 209(N %)** | **Low** (≤200) | ***High*** (200<) | |
| **Age (y)** ≤55.0 >55.0 | 102(48.8) 107(51.2) | 93(44.5) 87(41.6) | 9(4.3) 20(9.6) | **0.046** |
| **Sex** Male Female | 180(67.5) 29(32.5) | 120(57.4) 21(10.0) | 60(28.7) 8(3.8) | 0.671 |
| **RCC subtypes** ccRCC ChRCC pRCC | 158(75.6) 17(8.1) 34(16.3) | 132(63.2) 17(8.1) 31(14.8) | 26(12.4) 0(0.0) 3(1.4) | **0.034** |
| **Tumor size(cm)** <4 4-7 7-10 >10 | 43(20.6) 72(34.4) 50(23.9) 44(21.1) | 33(15.8) 65(31.3) 42(20.1) 40(19.1) | 10(4.8) 7(3.3) 8(3.8) 4(1.9) | 0.155 |
| **Tumor Stage** I/II III/IV | 85(81.8) 124(18.2) | 71(34.0) 109(52.2) | 14(6.7) 15(7.2) | 0.369 |
| **Nuclear Grade** I/II III/IV | 116(60.4) 76 (39.6) | 97(50.5) 66(34.4) | 19(9.9) 10(5.2) | 0.542 |
| **Renal pelvis involvement** Yes No | 188(90.0) 21(10.0) | 165(78.9) 15(7.2) | 23(11.0) 6(2.9) | **0.04** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |

* Significances are based on Pearson Chi-square test

Values in bold are statistically significant.

ccRCC indicates clear cell Renal Cell Carcinoma; ChRCC, chromophob Renal Cell Carcinoma and pRCC, papillary Renal Cell Carcinoma

H-score, histological score