|  |  |  |
| --- | --- | --- |
|  | **p53 mutations analysis**  | **p53 protein expression**  |
| **Tumor characteristics** | p53 mutated | p53 wild type | overexpression | normal expression |
| **Patients number (%)** | 13 (43.3) | 17 (56.7) | 15 (50) | 15 (50) |
| **Median age (yr)** | 56.3 | 55.8 | 55.2 | 55.4 |
| **Histological subtype (%)****Serous****Mucinous****Endometrioid****Undifferentiated**  |  9 (69.2)-3 (23.1)1 (7.7) |  9 (52.9)2 (11.7)3 (17.7)3 (17.7)  |  10 (66.7)-3 (20)2 (13.3)  |  8 (53.4)2 (13.3)3 (20)2 (13.3) |
| **Clinical stage (%)****II****III****IV** |  2 (15.4)4 (30.7)7 (53.9) |  1 (5.9)5 (29.4)11 (64.7) |  2 (13.3)6 (40)7 (46.7) |  1 (6.7)4 (26.6)10 (66.7) |
| **Grade (%)****I****II****III** |  1 (7.7)3 (23.1)9 (69.2) |  1 (5.9)3 (17.7)13 (76.4) |  1 (6.7)4 (26.6)10 (66.7) |  12 (80)2 (13.3)1 (6.7) |

**Table S2:** Clinical and histopathological characteristics of tumors.