

**Supplementary Table 4. Characteristics of included patients with cervical cancer for tissue microarray.**

| <b>ID</b> | <b>Pathological type</b> | <b>Age</b> | <b>Stage</b> | <b>Grade</b> | <b>Lymph node metastasis</b> |
|-----------|--------------------------|------------|--------------|--------------|------------------------------|
| 1         | ADC                      | 42         | IIIC1        | G2           | Yes                          |
| 2         | ADC                      | 44         | IB1          | G2           | No                           |
| 3         | ADC                      | 66         | IB2          | G2           | Yes                          |
| 4         | ADC                      | 30         | IB3          | G2           | Yes                          |
| 5         | ADC                      | 49         | IIIC2        | G1           | No                           |
| 6         | ADC                      | 49         | IIIC2        | G1           | No                           |
| 7         | ADC                      | 52         | IIIC1        | G1           | No                           |
| 8         | ADC                      | 45         | NA           | G1           | Yes                          |
| 9         | ADC                      | 35         | IB3          | G1           | No                           |
| 10        | ADC                      | 45         | IA           | G1           | No                           |
| 11        | ADC                      | 55         | IIA1         | G1           | Yes                          |
| 12        | ADC                      | 36         | IIIC2        | G1           | No                           |
| 13        | ADC                      | 52         | IB1          | G1           | No                           |
| 14        | ADC                      | 42         | IB3          | G3           | Yes                          |
| 15        | ADC                      | 56         | IB1          | G3           | No                           |
| 16        | ADC                      | 63         | IIC          | G3           | No                           |
| 17        | ADC                      | 47         | IB1          | G3           | No                           |
| 18        | ADC                      | 44         | IIIB         | G3           | Yes                          |
| 19        | ADC                      | 28         | IB3          | NA           | No                           |
| 20        | CSCC                     | 50         | IB3          | G2           | Yes                          |
| 21        | CSCC                     | 48         | IIB          | G2           | No                           |
| 22        | CSCC                     | 69         | IB2          | G2           | No                           |
| 23        | CSCC                     | 57         | IIA1         | G2           | No                           |
| 24        | CSCC                     | 51         | IIIC1        | G2           | No                           |
| 25        | CSCC                     | 51         | IB1          | G2           | No                           |
| 26        | CSCC                     | 52         | IB2          | G2           | Yes                          |
| 27        | CSCC                     | 49         | IIIC1        | G2           | No                           |
| 28        | CSCC                     | 48         | IB2          | G2           | Yes                          |
| 29        | CSCC                     | 41         | IIA2         | G2           | Yes                          |
| 30        | CSCC                     | 49         | IB1          | G2           | No                           |
| 31        | CSCC                     | 48         | IIA2         | G2           | No                           |
| 32        | CSCC                     | 43         | IB3          | G2           | Yes                          |
| 33        | CSCC                     | 55         | IIIC1        | G2           | No                           |
| 34        | CSCC                     | 43         | IB3          | G2           | No                           |
| 35        | CSCC                     | 51         | IIA1         | G2           | No                           |
| 36        | CSCC                     | 39         | IB3          | G2           | No                           |
| 37        | CSCC                     | 51         | IB2          | G2           | No                           |
| 38        | CSCC                     | 57         | IIIC1        | G2           | No                           |
| 39        | CSCC                     | 62         | IIIC1        | G2           | No                           |
| 40        | CSCC                     | 51         | IB2          | G2           | No                           |
| 41        | CSCC                     | 38         | IB2          | G2           | No                           |

|    |      |    |       |    |     |
|----|------|----|-------|----|-----|
| 42 | CSCC | 43 | IB2   | G2 | No  |
| 43 | CSCC | 48 | IB1   | G1 | No  |
| 44 | CSCC | 56 | IB3   | G1 | Yes |
| 45 | CSCC | 58 | IIA1  | G1 | No  |
| 46 | CSCC | 30 | IB3   | G1 | No  |
| 47 | CSCC | 62 | IIIC1 | G1 | Yes |
| 48 | CSCC | 51 | IB3   | G1 | Yes |
| 49 | CSCC | 37 | IIIC1 | G1 | No  |
| 50 | CSCC | 44 | IIA2  | G1 | No  |
| 51 | CSCC | 52 | IIIC2 | G1 | Yes |
| 52 | CSCC | 64 | IIB   | G1 | Yes |
| 53 | CSCC | 68 | IIA1  | G1 | No  |
| 54 | CSCC | 55 | IB2   | G1 | Yes |
| 55 | CSCC | 28 | IIIC1 | G1 | No  |
| 56 | CSCC | 70 | IIB   | G1 | Yes |
| 57 | CSCC | 55 | IIIC  | G1 | Yes |
| 58 | CSCC | 57 | IIIC2 | G1 | No  |
| 59 | CSCC | 66 | IIA2  | G1 | Yes |
| 60 | CSCC | 48 | IB3   | G1 | No  |
| 61 | CSCC | 58 | IIA   | G1 | No  |
| 62 | CSCC | 44 | IB3   | G1 | Yes |
| 63 | CSCC | 51 | IIIC1 | G3 | No  |

CSCC, Cervical Squamous Cell Carcinoma; ADC, Cervical Adenocarcinoma; NA, Not Available.