

**Supplementary Table 1.** Clinicopathological parameters of patients from whom tissue samples were obtained.

(A) Endometrial cancer tissue (n=81)

Clinicopathological parameters	Year, body mass index (BMI) and number of patients
Patients Age	
Median	44
Interquartile range	23-85
BMI	
Median	21.4
Interquartile range	12.7-36.5
Histological subtype	
Endometrioid endometrial cancer	
Histological grading <sup>a</sup>	
G1 to G2	63
G3	11
Serous cancer	5
Undifferentiated cancer	1
Neuroendocrine cancer	1
Myometrial Invasion	
Less than 1/2	56
1/2 or more	25
Lymph vessel invasion	
Absent	48
Present	33
Cervical invasion	
Absent	72
Present	9
Adnexal invasion	
Absent	74
Present	7
Lymph node metastasis	
Absent	69
Present	12
Distant metastasis	
Absent	78
Present	3
Peritoneal cytology	
Negative	76
Positive	5
The International Federation of Gynecology and Obstetrics (FIGO) stage (2008) <sup>b</sup>	
I to II	63
III to IV	18
Reccurrence	
Negative	72
Positive	9
Outcome	
Alive or death of other cause	79
Death of complication	2

<sup>a</sup>Histological grading of endometrial cancer was in accordance with the Tumor-Node-Metastasis classification (Ref.25). <sup>b</sup>FIGO stage was defined according to Ref.26.

(B) Normal control endometrial tissue (n=31)

Clinicopathological parameters	Year, BMI and number of patients
Patients Age	
Median	47
Interquartile range	33-55
BMI	
Median	21.3
Interquartile range	17.7-31.2
Disease	
Uterine leiomyoma	17
Ovarian cancer	6
Cervical cancer	6
Lobular endocervical glandular hyperplasia	2