



Supplemental Figure 2. Identification of molecular functional changes in ECC-1 and Ishikawa cell lines through RNA-seq data, $p < 0.01$

Supplementary Table. Clinical and pathological characteristics of 17 patients with endometrial carcinoma

Case	Age	Race	Stage	Tumor size(cm)	Histology	HER2
EC1	54	Hispanic (White)	IA	3.5	Endometrioid, grade 2	Negative
EC2	73	White	IA	4.5	Endometrioid, grade 1	Negative
EC3	46	Hispanic (White)	IA	2.2	Endometrioid, grade 1	N/A
EC4	58	Black	II	2.2	High grade serous	Negative
EC5	65	White	IA	3.1	High grade serous	N/A
EC6	46	Black	IA	3.5	Endometrioid, grade 3	N/A
EC7	63	Black	IA	4.5	Endometrioid, grade 1	N/A
EC8	43	Black	IIIC1	0.5	Endometrioid, grade 1	N/A
EC9	63	Black	IA	0.8	High grade serous	Negative
EC10	80	White	IB	5.3	Endometrioid, grade 2	N/A
EC11	40	White	IA	3.7	Endometrioid, grade 1	N/A
EC12	67	White	IA	4.8	Endometrioid, grade 2	N/A
EC13	74	White	IB	6	Endometrioid, grade 1	N/A
EC14	54	Hispanic (White)	IA	3.3	Endometrioid, grade 1	N/A
EC15	64	White	IB	5	Dedifferentiated endometrial adenocarcinoma	N/A
EC16	69	White	IA	3.3	Endometrioid, grade 1	N/A
EC17	84	White	IA	2.2	High grade serous	Negative