

Supplementary Table S1: Pathological Parameters of Tumor Tissues from Patients with Endometrial Cancers

Tumor Tissue		Pathological Parameters			
De-identified Patient #	Histology	FIGO Grade	Stage	Myo-metrial Invasion (%)	LVI
A99	Endometrioid adenocarcinoma	3	IB	95	Absent
A101	Endometrioid adenocarcinoma	2	I	11	Absent
A102	Endometrioid adenocarcinoma	1	IA	29	Absent
A103	Endometrioid adenocarcinoma	3	IA	43	Absent
A104	Endometrioid adenocarcinoma	1	IA	34	Present
A107	Endometrioid adenocarcinoma	1	IA	34	Absent
A108	Endometrioid adenocarcinoma	1	IA	13	Absent
A111	Endometrioid adenocarcinoma	3	IA	37	Absent
A112	Endometrioid adenocarcinoma	1	IA	35	Absent
A114	Endometrioid adenocarcinoma	3	IB	90	Absent
A115	Endometrioid adenocarcinoma	2	IA	15	Absent
A116	Endometrioid adenocarcinoma	2	IA	32	Absent
A117	Endometrioid adenocarcinoma	2	IA	8	Absent
A118	High-grade serous adenocarcinoma	3	IIIC2	46	Present

A119	Endometrial carcinoma, NOS	1	IA	0	Absent
A124	Endometrioid adenocarcinoma	1	IA	38	Absent
A125	Endometrioid adenocarcinoma, noninvasive	1	IA	0	Absent
A129	High-grade serous adenocarcinoma	3	IIIC2	87	Present
A131	Endometrial cancer	1	IVB	0	Present
A134	Endometrioid endometrial adenocarcinoma	2	IA	6	Absent
A135	Mixed cell carcinoma, high-grade (90% high- grade serous carcinoma, 10% endometrioid adenocarcinoma)	3	IA	38	Absent
A138	Endometrioid carcinoma	1	IB	64	Absent
A140	Endometrioid carcinoma	1	IA	35	Absent
A142	Endometrioid adenocarcinoma	2	IA	10	Absent
A145	Endometrioid adenocarcinoma	2	I	25	Absent
A147	Carcinosarcoma (predominantly endometrioid adenocarcinoma FIGO grade III)	3	IA	48	Present

Supplementary Table S2: MMR status of PD-L1+ tumor cells (by IHC) versus PD-L1+ TCAFs in patients with endometrial cancers

FFPE Tumor- IHC	PD-L1+ Patient ID	Primary Culture	MMR Status	Detailed MMR Status			
		TCAF-ICC		MLH1	MSH2	MSH6	PMS2
PD-L1+	EA99-1	<1%	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA101-2	PD-L1+	dMMR	Normal	Normal	Normal	Abnormal
PD-L1+	EA102-3	<1%	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA103-4	<1%	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA104-5	<1%	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA107-6	PD-L1+	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA108-7	PD-L1+	dMMR	Abnormal	Normal	Normal	Abnormal
Not Done	EA111-8	PD-L1+	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA115-9	PD-L1+	dMMR	Abnormal	Normal	Normal	Abnormal
PD-L1+	EA116-10	PD-L1+	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA118-11	Not Done	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA119-12	Not Done	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA124-13	PD-L1+	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA129-14	PD-L1+	MMR-proficient	Normal	Normal	Normal	Normal
PD-L1+	EA134-15	PD-L1+	dMMR	Abnormal	Normal	Normal	Abnormal
Not Done	EA138-16	PD-L1+	dMMR	Normal	Normal	Normal	Abnormal
Not Done	EA142-17	PD-L1+	dMMR	Abnormal	Normal	Normal	Abnormal
PD-L1+	EA145-18	PD-L1+	dMMR	Normal	Normal	Normal	Abnormal
PD-L1+	EA147-19	PD-L1+	dMMR	Abnormal	Abnormal	Normal	Abnormal