

SUPPLEMENTARY TABLES

Molecular profiling and molecular classification of endometrioid ovarian carcinomas

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Supplementary Table 1. Sequencing statistics of the endometrioid ovarian cancers subjected to targeted massively parallel sequencing (MSK-IMPACT).

Sample ID	Target Territory	Total Reads	Mean Target Coverage (X)	Percent Target Bases 10X	Percent Target Bases 50X	Percent Target Bases 100X
EOC1-T	1362579	26981555	832.6	0.992301	0.9885	0.983727
EOC1-N	1362579	9012589	330.5	0.989449	0.977683	0.952661
EOC2-T	1522367	27799413	821.6	0.992176	0.987666	0.982582
EOC2-N	1522367	25743497	829.6	0.992627	0.988468	0.983672
EOC3-T	1204666	36554101	311.9	0.989513	0.97799	0.962945
EOC3-N	1204666	11067848	319.0	0.986678	0.958737	0.913894
EOC4-T	1362579	24458509	674.6	0.990581	0.983183	0.975235
EOC4-N	1362579	17309231	574.5	0.991264	0.983963	0.974153
EOC5-T	1362579	28828819	806.1	0.990848	0.984312	0.977287
EOC5-N	1362579	9150471	325.9	0.989308	0.975459	0.953571
EOC6-T	1522367	34141414	922.8	0.99497	0.99236	0.989147
EOC6-N	1522367	20865721	683.8	0.99289	0.988869	0.983562
EOC7-T	1362579	31819782	1061.8	0.992413	0.989212	0.985447
EOC7-N	1362579	9739153	362.4	0.990319	0.980521	0.966054
EOC9-T	1362579	32645079	1029.0	0.992224	0.98896	0.98449
EOC9-N	1362579	23521649	812.9	0.992169	0.987702	0.982769

Supplementary Table 2. Clinico-pathologic characteristics of the endometrioid ovarian cancers subjected to targeted massively parallel sequencing (MSK-IMPACT).

Characteristic	N (8)
Median age at diagnosis (years)	
Median (range)	51 (34-68)
FIGO tumor grade at diagnosis	
1	2
2	3
3	3
FIGO (2009) stage at diagnosis	
I	5
II	0
III	2
IV	1
History of endometriosis	
Yes	1
No	7
Endometriosis on pathology report	
Yes	4
No	4
Adjuvant chemotherapy	
IV Carboplatin & Paclitaxel	6
IV/IP Carboplatin & Paclitaxel	2
Median PFS (months) (95% CI)	27.2 (15.0-39.4)
Deceased at time of follow-up	2

CI, confidence interval; FIGO, International Federation of Gynecology and Obstetrics; PFS, progression-free survival.

Supplementary Table 3. Non-synonymous somatic mutations identified in the endometrioid ovarian cancers subjected to targeted massively parallel sequencing (MSK-IMPACT).

Sample ID	Chromosome	Position	Reference Allele	Alternate Allele	Gene	Mutation Type	AA change	LOH	Tumor MAF	Normal MAF	Tumor Depth	Normal Depth	Hotspot	Pathogenicity
EOC1-T	10	89692791	A	G	PTEN	Missense_Mutation	p.D92G	.	0.499	0	359	161	Yes	likely_pathogenic
EOC1-T	3	41266101	C	G	CTNNB1	Missense_Mutation	p.S33C	.	0.243	0	424	271	Yes	likely_pathogenic
EOC1-T	6	152419926	A	G	ESR1	Missense_Mutation	p.D538G	.	0.238	0	676	220	Yes	passenger
EOC1-T	5	67589535	A	G	PIK3R1	Splice_Site	p.X434_splice	.	0.250	0	268	119	Yes	likely_pathogenic
EOC2-T	12	25398284	C	A	KRAS	Missense_Mutation	p.G12V	.	0.203	0.001	710	719	Yes	likely_pathogenic
EOC3-T	20	22562816	AGGTGGGCCGCGGCC	A	FOXA2	Frame_Shift_Del	p.L355Hfs*13	.	0.203	0	69	63	No	likely_pathogenic
EOC3-T	12	25398284	C	A	KRAS	Missense_Mutation	p.G12V	.	0.387	0.006	287	318	Yes	likely_pathogenic
EOC3-T	3	178936095	A	G	PIK3CA	Missense_Mutation	p.Q546R	.	0.189	0	175	159	Yes	likely_pathogenic
EOC3-T	9	21971111	G	A	CDKN2A	Missense_Mutation	p.H83Y	.	0.123	0	155	126	Yes	likely_pathogenic
EOC4-T	4	140810638	GGCT	G	MAML3	In_Frame_Del	p.P647del	Yes	0.081	0	74	63	No	passenger
EOC4-T	11	85979565	G	A	EED	Missense_Mutation	p.D310N	.	0.229	0	520	342	No	passenger
EOC4-T	12	25398284	C	G	KRAS	Missense_Mutation	p.G12A	.	0.335	0	322	386	Yes	likely_pathogenic
EOC4-T	16	89877338	C	G	FANCA	Missense_Mutation	p.R142T	.	0.251	0	303	269	No	passenger
EOC4-T	17	66526133	G	C	PRKAR1A	Missense_Mutation	p.D322H	.	0.242	0.003	425	305	No	likely_pathogenic
EOC4-T	5	35871262	G	A	IL7R	Missense_Mutation	p.V162I	.	0.246	0	496	312	No	passenger
EOC4-T	10	89685269	G	A	PTEN	Splice_Site	p.X55_splice	Yes	0.367	0	139	138	No	likely_pathogenic
EOC4-T	13	48941629	G	T	RB1	Splice_Site	p.X314_splice	Yes	0.457	0	357	264	No	likely_pathogenic
EOC4-T	17	7574035	T	C	FP53	Splice_Site	p.X332_splice	Yes	0.375	0	355	471	Yes	likely_pathogenic
EOC5-T	2	202136299	TCTTTTGCAAGAGGAAATCTC	T	CASP8	Frame_Shift_Del	p.L182Qfs*6	.	0.159	0	508	269	No	likely_pathogenic
EOC5-T	5	67589591	TATA	T	PIK3R1	In_Frame_Del	p.Y452del	.	0.323	0	675	194	Yes	likely_pathogenic
EOC5-T	10	89653782	A	G	PTEN	Missense_Mutation	p.Y27C	.	0.370	0	516	211	Yes	likely_pathogenic
EOC5-T	10	89711891	G	A	PTEN	Missense_Mutation	p.S170N	.	0.356	0.005	545	196	Yes	likely_pathogenic
EOC5-T	17	37880261	G	C	ERBB2	Missense_Mutation	p.D769H	.	0.406	0	640	294	Yes	likely_pathogenic
EOC5-T	22	50705458	G	A	MAPK11	Missense_Mutation	p.A172V	.	0.081	0	37	13	No	likely_pathogenic
EOC6-T	12	25398284	C	G	KRAS	Missense_Mutation	p.G12A	.	0.087	0	447	540	Yes	likely_pathogenic
EOC6-T	17	47699369	C	T	SPOP	Missense_Mutation	p.E47K	.	0.068	0	531	499	No	likely_pathogenic
EOC6-T	3	49412973	C	T	RHOA	Missense_Mutation	p.G17E	.	0.028	0	891	652	Yes	likely_pathogenic
EOC6-T	23	44941968	G	C	KDM6A	Missense_Mutation	p.R1073T	.	0.065	0	581	496	No	passenger
EOC7-T	21	36171622	CAG	C	RUNX1	Frame_Shift_Del	p.S314Cfs*285	.	0.179	0	598	183	No	likely_pathogenic
EOC7-T	5	67589149	AT	A	PIK3R1	Frame_Shift_Del	p.L380*	.	0.186	0	581	189	Yes	likely_pathogenic
EOC7-T	12	25398284	C	T	KRAS	Missense_Mutation	p.G12D	.	0.204	0	628	219	Yes	likely_pathogenic
EOC7-T	19	18278049	G	T	PIK3R2	Missense_Mutation	p.D557Y	.	0.362	0	771	270	Yes	passenger
EOC7-T	2	212652853	C	G	ERBB4	Missense_Mutation	p.Q151H	Yes	0.217	0	609	266	No	passenger
EOC7-T	4	153249385	G	A	FBXW7	Missense_Mutation	p.R465C	Yes	0.192	0.007	757	279	Yes	likely_pathogenic
EOC7-T	6	106547379	G	A	PRDM1	Missense_Mutation	p.E206K	.	0.194	0	602	204	No	passenger
EOC9-T	10	63850704	G	GA	ARID5B	Frame_Shift_Ins	p.K494Kfs*31	Yes	0.391	0.003	1146	767	No	likely_pathogenic
EOC9-T	19	18266781	T	TGGTAGTGAGCC	PIK3R2	Frame_Shift_Ins	p.L31*	.	0.222	0	595	499	No	passenger
EOC9-T	3	69928509	C	T	MITF	Missense_Mutation	p.T110M	.	0.422	0	689	553	No	passenger
EOC9-T	8	128750945	C	T	MYC	Missense_Mutation	p.S161L	.	0.520	0	775	516	Yes	likely_pathogenic
EOC9-T	23	47028776	G	A	RBM10	Missense_Mutation	p.G27E	.	0.029	0.001	752	739	No	passenger
EOC9-T	12	57864390	C	T	GLI1	Nonsense_Mutation	p.R623*	.	0.431	0	752	735	No	passenger
EOC9-T	13	32914137	C	A	BRCA2	Nonsense_Mutation	p.S1882*	.	0.422	0.001	740	757	No	likely_pathogenic
EOC9-T	19	41754674	C	T	AXL	Nonsense_Mutation	p.Q554*	.	0.576	0	804	721	No	passenger

Supplementary Table 4. Genes with significantly different mutation frequencies between endometrioid ovarian cancers (n=36, this study) and molecular-subtype matched endometrioid endometrial cancers (n=72; The Cancer Genome Atlas).

Gene Symbol	Endometrioid ovarian cancer (n=36; this study)		Endometrioid endometrial cancer (n=72; TCGA)		p-value	Adjusted p-value (Benjamini-Hochberg)
	Cases altered (n)	Cases altered (%)	Cases altered (n)	Cases altered (%)		
PTEN	12	33.33	59	81.94	1.02E-06	0.000347041
PIK3R1	4	11.11	30	41.67	0.0010399	0.127700181
KRAS	15	41.67	9	12.50	0.00112346	0.127700181
CTCF	1	2.778	18	25.00	0.00307688	0.262303764
CREBBP	0	0	8	11.11	0.04993632	1

TCGA, The Cancer Genome Atlas. 341 cancer-related genes (MSK-IMPACT) were assessed.

Supplementary Table 5: Molecular subtype classification of endometrioid endometrial cancers from The Cancer Genome Atlas (TCGA).

TCGA ID	Histology	Molecular Subtype TCGA	MSI status TCGA	POLE EDM mutation (AA286-471)	TP53 mutation	Surrogate Molecular Subtype Classification
TCGA-A5-A0GN	Endometrioid	CN high	MSS	no alteration	no alteration	CN low
TCGA-A5-A0GJ	Endometrioid	CN high	MSS	no alteration	yes (H193R)	CN high
TCGA-A5-A0R7	Endometrioid	CN high	MSS	no alteration	yes (L43*)	CN high
TCGA-AP-A053	Endometrioid	CN high	MSS	no alteration	yes (R248Z)	CN high
TCGA-AP-A01F	Endometrioid	CN high	MSS	no alteration	yes (R273S)	CN high
TCGA-AX-A06B	Endometrioid	CN high	MSS	no alteration	yes (G262V)	CN high
TCGA-B5-A0K3	Endometrioid	CN high	MSS	no alteration	yes (H178D)	CN high
TCGA-B5-A111	Endometrioid	CN high	MSS	no alteration	yes (R306*)	CN high
TCGA-BG-A0M8	Endometrioid	CN high	MSS	no alteration	yes (Y220C)	CN high
TCGA-BG-A19C	Endometrioid	CN high	MSS	no alteration	yes (Y220C)	CN high
TCGA-BK-A139	Endometrioid	CN high	MSS	no alteration	yes (R282V)	CN high
TCGA-B5-A0T1	Endometrioid	CN high	MSS	no alteration	yes (C238Y)	CN high
TCGA-B5-A0J9	Endometrioid	CN high	MSS	no alteration	yes (N239D)	CN high
TCGA-B5-A0V8	Endometrioid	CN high	MSS	no alteration	yes (Y220C)	CN high
TCGA-D1-A159	Endometrioid	CN high	MSS	no alteration	yes (C141Y)	CN high
TCGA-D1-A17K	Endometrioid	CN high	MSS	no alteration	yes (C167His*)	CN high
TCGA-BG-A0M7	Endometrioid	CN low	MSS	no alteration	yes (C238F)	CN high
TCGA-BG-A0VX	Endometrioid	CN low	MSS	yes (L424V)	no alteration	POLE
TCGA-A5-A0GE	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-A5-A0GM	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-A5-A0Q2	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-A5-A0GU	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-A5-A0GV	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-A5-A0GX	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-A5-A0R8	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-A5-A0R9	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-A5-A0RA	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AP-A05P	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AP-A0LJ	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AP-A0LL	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AP-A0LN	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AP-A0LO	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AP-A0LV	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AX-A05T	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AX-A05U	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AX-A05Z	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AX-A05S	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0US	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0JT	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0K0	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0K1	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0K4	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0K7	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A11F	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A110	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A11Q	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A11S	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A11V	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A11W	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A11Y	Endometrioid	CN low	MSI-L	no (P102L,R34C)	no alteration	CN low
TCGA-B5-A11Z	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A121	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0LW	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0M2	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0M3	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0M9	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0MC	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0MG	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0MI	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0MO	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0MS	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0MT	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0MU	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0RY	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0VT	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0VV	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0W1	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0W2	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A0YU	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A186	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BG-A187	Endometrioid	CN low	MSI-L	no alteration	no alteration	CN low
TCGA-BG-A18A	Endometrioid	CN low	MSS	no (R076S)	no alteration	CN low
TCGA-BG-A2AE	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BK-A0CB	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-BK-A13C	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0T9	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0T0	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0TG	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0U5	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0UT	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0V6	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-B5-A0WQ	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A0ZN	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A0ZQ	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A0ZR	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A0ZU	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A0ZV	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A102	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A15W	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A15Z	Endometrioid	CN low	MSI-L	no alteration	no alteration	CN low
TCGA-D1-A161	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A165	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A168	Endometrioid	CN low	MSS	no alteration	no alteration	CN low

TCGA ID	Histology	Molecular Subtype TCGA	MSI status TCGA	POLE EDM mutation (AA286-471)	TP53 mutation	Surrogate Molecular Subtype Classification
TCGA-D1-A16B	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A16D	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A16E	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A16J	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A16Q	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A16G	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A17C	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A17L	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A17N	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A17S	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-D1-A17T	Endometrioid	CN low	MSS	no alteration	no alteration	CN low
TCGA-AX-A0J1	Endometrioid	MSI	MSI-H	yes (A465V)	no alteration	POLE
TCGA-B5-A11H	Endometrioid	MSI	MSI-H	yes (Q453R)	no alteration	POLE
TCGA-A5-A0G9	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-A5-A0GA	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-A5-A0GB	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-A5-A0GH	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-A5-A0GI	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-A5-A0GQ	Endometrioid	MSI	MSI-H	no alteration	yes (I232T)	MSI
TCGA-A5-A0GP	Endometrioid	MSI	MSI-H	no (A1140T)	no alteration	MSI
TCGA-A5-A0VQ	Endometrioid	MSI	MSI-H	no (Y1889C)	yes (R158C)	MSI
TCGA-AP-A054	Endometrioid	MSI	MSI-H	no (Y1889C)	yes (R158C)	MSI
TCGA-AP-A05N	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-AP-A0LD	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-AP-A0LE	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-AP-A0LG	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-AP-A0LP	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-AP-A0LT	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-AX-A05S	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-AX-A05Y	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-AX-A056	Endometrioid	MSI	MSI-H	no alteration	S240G	MSI
TCGA-AX-A053	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-AX-A054	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-AX-A05H	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0JZ	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0K2	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0K6	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A11G	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A11J	Endometrioid	MSI	MSI-H	no alteration	yes (G244S)	MSI
TCGA-B5-A11U	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A11E	Endometrioid	MSI	MSI-H	no (E1698D)	no alteration	MSI
TCGA-B5-A0M4	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-BG-A0M0	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-BG-A0VW	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-BG-A0VZ	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A188	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-BK-A0C9	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0TA	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0TE	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0TJ	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0UT	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0UB	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0UA	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0UJ	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-B5-A0UL	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A0ZQ	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A0ZS	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A101	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A160	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A163	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A167	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A16N	Endometrioid	MSI	MSI-H	no alteration	yes (N239S)	MSI
TCGA-D1-A174	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A176	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A177	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A17A	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A178	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A17D	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A17F	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A17H	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A17M	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A17R	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A17U	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-D1-A0VH	Endometrioid	MSI	MSI-H	no alteration	no alteration	MSI
TCGA-A5-A0GP	Endometrioid	POLE	MSS	yes (V411L)	no alteration	POLE
TCGA-AP-A051	Endometrioid	POLE	MSI-H	yes (L424I)	no alteration	POLE
TCGA-AP-A056	Endometrioid	POLE	MSI-L	yes (V411L, R1826W, L1235I)	no alteration	POLE
TCGA-AP-A059	Endometrioid	POLE	MSI-H	yes (L212M, S297F, L35M, A25T)	yes (R273C, S240G, P84T)	POLE
TCGA-AP-A0ML	Endometrioid	POLE	MSS	yes (V411L, Q214R)	no alteration	POLE
TCGA-AX-A05Z	Endometrioid	POLE	MSS	yes (P286R, S1930*, F1907L)	no alteration	POLE
TCGA-AX-A0J0	Endometrioid	POLE	MSS	yes (P286R)	no alteration	POLE
TCGA-B5-A0JY	Endometrioid	POLE	MSS	yes (P286R, F815L)	no alteration	POLE
TCGA-B5-A11E	Endometrioid	POLE	MSS	yes (R1879C, V411L, R1364C)	yes (R342*)	POLE
TCGA-B5-A11N	Endometrioid	POLE	MSS	yes (P286R)	yes (T250N*8, R209I)	POLE
TCGA-B5-A0TC	Endometrioid	POLE	MSS	yes (M444K)	no alteration	POLE
TCGA-B5-A0UF	Endometrioid	POLE	MSS	yes (P286R, C2109R)	yes (R213*)	POLE
TCGA-B5-A0UV	Endometrioid	POLE	MSS	yes (P286R, L1561P, S1380L)	yes (R213*, R158C)	POLE
TCGA-D1-A103	Endometrioid	POLE	MSI-H	yes (A1967V, S1644L, T1104M, A456P, H144Q)	no alteration	POLE
TCGA-D1-A16X	Endometrioid	POLE	MSS	yes (P286R, D1129G)	no alteration	POLE
TCGA-D1-A16Y	Endometrioid	POLE	MSI-L	yes (V411L)	yes (R213Q, S241P)	POLE
TCGA-D1-A170	Endometrioid	POLE	MSI-L	yes (P286R)	no alteration	POLE

Molecular subtypes: CN high, copy-number high (serous-like); CN low, copy-number low (endometrioid); MSI, MSI (hypermutated); POLE, POLE (ultramutated).

MSI-H, microsatellite instability-high; MSI-L, microsatellite instability-low; MSS, microsatellite stable