

S7 Table. Mutation rates in cell-free DNA at primary diagnosis and recurrence

Age (yr)	FIGO Stage	Histology	Gene	Total cell-free DNA (copy/mL)		ctDNA mutation positive (copy/mL)		ctDNA mutation positive rate (%)		Serum CA125 (U/mL)		Tumor size (mm)	
				Primary	Recurrent	Primary	Recurrent	Primary	Recurrent	Primary	Recurrent	Primary	Recurrent
66	I	Clear cell	<i>KRAS</i>	1,332	1,812	0	0	0.0	0.0	14.5	12.9	134	24
53	II	Clear cell	<i>KRAS</i>	1,080	1,104	0	0	0.0	0.0	1,963.2	9.8	173	32
67	III	Clear cell	<i>KRAS</i>	3,612	4,224	0	0	0.0	0.0	969	371.2	192	88
72	III	Serous	<i>KRAS</i>	6,756	1,992	0	0	0.0	0.0	894.2	248.1	217	42
43	III	Serous	<i>KRAS</i>	1,848	948	0	0	0.0	0.0	978.9	466.5	84	9
49	III	Mucinous	<i>KRAS</i>	2,340	852	0	0	0.0	0.0	86.4	23.4	132	76
39	I	Clear cell	<i>PIK3CA</i>	1,944	1,182	0	0	0.0	0.0	273.7	97	149	25
65	II	Serous	<i>KRAS</i>	1,236	386	0	8	0.0	1.4	280.2	9.9	112	20
63	III	Serous	<i>PIK3CA</i>	4,596	4,104	0	180	0.0	4.3	335.7	388.9	241	134
57	II	Endometrioid	<i>KRAS</i>	1,752	118,092	24	59,028	1.4	50.0	405.5	16.1	113	128
59	I	Carcinosarcoma	<i>KRAS</i>	6,000	5,376	96	1,512	1.6	27.8	4985	41.9	142	95
53	III	Endometrioid	<i>KRAS</i>	1,183	2,676	23	576	2.3	21.6	335.8	94.4	256	88
63	I	Endometrioid	<i>PIK3CA</i>	9,732	2,448	1,308	444	13.4	18.2	298.8	19.7	120	47
80	IV	Serous	<i>KRAS</i>	29,484	1,824	60	0	0.2	0.0	579.8	20	104	40
33	III	Mucinous	<i>KRAS</i>	1,572	5,808	24	24	1.6	0.5	204.4	27.9	115	28
38	I	Clear cell	<i>PIK3CA</i>	1,368	882	24	6	1.8	0.8	154.3	12.4	220	65
58	III	Clear cell	<i>PIK3CA</i>	3,252	2,016	180	48	5.5	2.4	1,242.9	4.9	179	60

CA125, cancer antigen 125; FIGO, International Federation of Gynecology and Obstetrics.