

Sample ID	Gene	Mutation	Δ	Position (hg19 coordinates)	WGS A.F.	Absolute read counts/allelic frequencies (A.F.) at different FFPE Sites						Corresponding Location
ENOC 1						B4	B6	D13	D9	D10	D2 (normal)	B4 & B6 - left ovary
	ARID1A	Q563*	C>T	1:27057979	24%	(2905/13155) 22%	(5469/12022) 45%	(1549/7082) 22%	(2524/5724) 44%	(4262/9672) 44%	(5/6164) 0	D13 - left conu
	CSMD1	G38C	G>T	8:4495054	50%	(1228/10250) 12%	(4/9816) 0	(8/8623) 0	(2/7363) 0	(9/7590) 0	(2/5570) 0	D9 & D10 - right conu
	CTNNA2	V91M	G>A	2:80874884	43%	(9857/10912) 91%	(3898/11899) 33%	(56/9919) 1%	(2651/5648) 47%	(5028/9785) 52%	(13/12768) 0	D2 - posterior endocervix
	KRAS	G12V	G>T	12:25398284	36%	(18363/40480) 45%	(12166/42854) 28%	(15075/41425) 36%	(23308/33202) 70%	(15132/36324) 42%	(544/33116) 2%	
	PIK3CA	R88Q	G>A	3:178916876	45%	(57/13159) 0	(7623/13760) 55%	(1841/11711) 16%	(6333/11353) 56%	(1470/11476) 13%	(253/14308) 2%	
	PIK3CA	P449L	C>T	3:178928068	39%	(3438/8193) 42%	(1998/5683) 35%	(2741/7442) 37%	(0/107) 0	(2077/4445) 47%	(2/4858) 0	
	retrotransposition event validated					2	2	2	2	2	0	
ENOC 2	<i>synchronous case</i>					A1	A12	D9	D17	D2	D1 (normal)	A1 & A12 - right ovary
	CTNNB1	S37F	C>T	3:41266113	88%	(10344/12018) 86%	(10267/13151) 79%	(6457/13571) 48%	(4198/10023) 42%	(4670/9841) 48%	(9/15117) 0	D2 - cervix
	FAM208B	G42S	G>A	10:5762911	24%	(3809/12485) 30%	(2173/8717) 25%	(305/11837) 3%	(22/11896) 0	(20/9792) 0	(25/12487) 0	D9 & D17 - uterine
	NEB	V4792M	G>A	2:152410491	27%	(27/13934) 0	(30/15638) 0	(18/13856) 0	(11/13167) 0	(20/9792) 0	(18/14432) 0	D1 - cervix
	PIGK	S155N	G>A	1:77632427	43%	(3448/16699) 21%	(6528/14544) 45%	(1774/13418) 13%	(8591/13356) 64%	(1511/10653) 14%	(26/17126) 0	
	PIK3CA	E545K	G>A	3:178936091	89%	(14755/16811) 88%	(16008/16250) 99%	(11222/14536) 77%	(12104/14315) 85%	(11526/11799) 98%	(10/13491) 0	
	TP53	E180*	G>T	17:7578392	85%	(6271/7925) 79%	(10198/11471) 90%	(7893/12607) 63%	(8687/11259) 77%	(7788/9295) 84%	(7/10620) 0	
	retrotransposition event validated					1	1	1	1	1	0	
ENOC 3						B18	B19	B20	B21	B22	B3 (normal)	B18 & B19 - right ovarian
	DHX29	T673I	C>T	5:54577291	66%	(2058/31301) 7%	(27/24252) 0	(7452/26508) 28%	(22/22006) 0	(52/30106) 0	(20/38479) 0	B20 & B21 - right ovarian
	KMT2B	C1435Y	G>A	19:36218600	64%	(7/8109) 0	(5/8206) 0	(3605/9461) 38%	(7/12114) 0	(5/9342) 0	(4/12048) 0	B22 - ovarian nodule
	KMT2B	T172fs		19:36210763-65		0	0	0	0	40%	0	B3 - anterior cervix
	NRAS	Q61K	C>A	1:115256530	93%	(13863/16075) 86%	(5928/12947) 46%	(6828/8833) 77%	(9058/13939) 65%	(3821/13639) 28%	(9/18974) 0	
	PIK3CA	N345K	T>A	3:178921553	54%	(25452/55847) 46%	(16749/33593) 50%	(16267/47411) 34%	(4978/57014) 9%	(16046/42836) 37%	(21/39092) 0	
	TTN	S2146P	T>C	2:179640155	36%	(106/28470) 0	(1680/18834) 9%	(9203/19948) 46%	(71/25915) 0	(47/29284) 0	(48/32216) 0	
	retrotransposition event validated					1	1	1	1	1	0	

ENOC 4	<i>synchronous case</i>					A4	A5	A16	B22	B23	B6 (normal)	A16 - left ovary
	CYTH2	A168V	C>T	19:48977230	42%	(8096/21371) 38%	(9226/15795) 58%	(8215/20459) 40%	(11/20489) 0	(20/20011) 0	(19/14995) 0	A4 & A5 - left ovary
	DNAH9	R4205L	G>T	17:11840793	25%	(4950/14244) 35%	(5099/11610) 42%	(5424/14478) 35%	(5/14215) 0	(5/13734) 0	(1/10888) 0	B22 & B23 - posterior endo.
	DOCK4	R972C	C>T	7:111462434	27%	(5670/15583) 36%	(1230/11298) 11%	(7275/14390) 51%	(5008/12557) 40%	(3911/10118) 39%	(18/11875) 0	B6 - posterior cervix
	KRAS	G12D	G>A	12:25398284	67%	(29394/63687) 46%	(13101/39951) 33%	(23646/52200) 46%	(22390/49973) 46%	(19738/46662) 42%	(46/41232) 0	
	PIK3CA	G118D	G>A	3:178917478	81%	(28792/30622) 94%	(17588/20579) 85%	(15779/26143) 60%	(14128/25231) 56%	(11763/16139) 73%	(14/24376) 0	
	PTEN	L265fs		10:89717768-70		98%	98%	99%	97%	98%	0	
	retrotransposition event validated					1	1	1	1	1	1	
CCOC 1						B6	B7	B8	B12	B13	K2 (normal)	B6-B13 - right ovary
	ARID1A	Q548fs		1:27057934-36		0	0	0	0	34%	0	K2 - posterior cervix
	FAM98A	E60Q	G>C	2:33820580	33%	(5498/24455) 22%	(2318/31724) 7%	(5038/36362) 14%	(7714/42400) 18%	(11105/32383) 34%	(7/41218) 0	
	FAT3	S2855L	C>T	11:92534629	56%	(10/15186) 0	(8/21868) 0	(12/22579) 0	(11/24887) 0	(11/19376) 0	(11/26646) 0	
	GNA11	S242L	C>T	19:3119041	30%	(2689/5256) 51%	(1150/6722) 17%	(361/3782) 10%	(2173/7767) 28%	(1549/6887) 23%	(2/46) 0	
	KRAS	G12V	G>T	12:25398284	45%	(2733/32212) 8%	(2667/38939) 7%	(4336/49961) 9%	(11721/53627) 22%	(15245/39076) 41%	(32/56865) 0	
	PCDHB6	E630K	G>A	5:140531726	34%	(2295/5180) 44%	(1734/8095) 21%	(2189/5485) 40%	(3213/12690) 25%	(2839/9173) 31%	0	
retrotransposition event validated					1	1	1	1	1	1		
CCOC 2						A1	A4	A6	A11	A14	B2 (normal)	A1-A14 - left ovary
	ELEFN1	P501S	C>T	7:1785733	35%	0	0	0	0	0	0	B2 - posterior cervix
	HTR1E	R220W	C>T	6:87725710	38%	(12493/33485) 37%	(7994/30042) 27%	(12858/29355) 44%	(475/34788) 1%	(49/48183) 0	(39/23275) 0	
	LONP1	R534C	C>T	19:5699123	57%	(5285/9263) 57%	(8294/12935) 64%	(7608/12891) 59%	(18/19351) 0	(492/27196) 2%	(16/11148) 0	
	PDAP1	D82N	G>A	7:98998017	27%	(8912/23305) 38%	(6100/22180) 28%	(8953/22371) 40%	(37/27474) 0	(369/35843) 1%	(27/19598) 0	
	PTGS2	R424S	C>G	1:186644514	38%	(13323/32092) 42%	(9449/33357) 28%	(11055/30301) 36%	(4/37242) 0	(12/51601) 0	(3/29148) 0	
	SCN5A	E555K	G>A	3:38645430	48%	(6917/17222) 40%	(5001/15456) 32%	(7009/16730) 42%	(10/20177) 0	(802/27014) 3%	(8/13159) 0	
retrotransposition event validated					1	1	1	0	0	0		

CCOC 3	<i>synchronous case</i>					B3	B5	B6	B8	C14	C4 (normal)	B3-B8 - right ovary
	ABCD3	G617V	G>T	1:94980706	39%	(14353/35382) 41%	(19581/41177) 48%	(12235/28525) 43%	(14983/31805) 47%	(31/20868) 0	(28/27810) 0	C14 - posterior endometrium
	ARID1A	E2047*	G>T	1:27106528	75%	(11704/21408) 55%	(13002/24671) 54%	(9951/17632) 56%	(13189/18894) 70%	(5/12369) 0	(7/15859) 0	C4 - anterior cervix
	CPT1B	R162W	C>T	22:51015042	21%	(4218/10878) 39%	(5193/12641) 41%	(2361/8053) 29%	(3829/9136) 42%	(14/6978) 0	(6/8613) 0	
	ITGB8	C634Y	G>A	7:20444464	53%	(4078/22334) 18%	(6299/27745) 23%	(5653/19408) 29%	(6269/20245) 31%	(224/15917) 1%	(24/17082) 0	
	MTOR	A2386V	C>T	1:11174877	27%	(9039/28130) 32%	(11319/32397) 35%	(8395/22873) 37%	(10277/27581) 46%	(15/18263) 0	(22/21418) 0	
	PTEN	L108F	C>T	10:89692838	30%	(8002/23401) 34%	(9811/27560) 35%	(7143/19019) 38%	(7205/21088) 34%	(12/14125) 0	(11/18464) 0	
	retrotransposition event validated					1	1	1	1	0	0	