

Table S2: Digital PCR results

Case	Mutant	Tissue	Type	Gene count	TP53 mutant	mutant gene/mutant TP53	Cellularity	WT TP53	mutant TP53	AF
8	NF1	Biopsy Site-B01	FFPE	0	131	0.00	NA	28		0.82
8	NF1	Omentum-S01	FFPE	86	87	0.99	60	114		0.43
8	NF1	Omentum-S02	FFPE	96	131	0.73	70	167		0.44
8	NF1	Omentum-S03	FFPE	260	260	1.00	70	327		0.44
8	NF1	Uterus-S01	FFPE	102	46	2.22	50	528		0.08
8	NF1	Left ovary-S01	FFPE	10	126	0.08	80	92		0.58
8	NF1	Uteru surface-S01	FFPE	81	97	0.84	80	411		0.19
8	NF1	Right ovary-S01	FFPE	21	178	0.12	80	927		0.16
8	NF1	Left fallopian tube-S01	FFPE	3	242	0.01	80	187		0.56
8	NF1	Left ovary-S01	FFPE	10	225	0.04	80	300		0.43
8	NF1	Ovary-B01	fresh	57	1120	0.05	80	273		0.80
8	NF1	Omentum-B01	fresh	218	825	0.26	70	1204		0.41
8	NF1	Omentum-S01	fresh	43	175	0.25	40	221		0.44
8	NF1	Omentum-S02	fresh	67	78	0.86	70	79		0.50
8	NF1	Omentum-S03	fresh	92	104	0.89	80	108		0.49
8	NF1	Omentum-S04	fresh	73	125	0.59	80	162		0.44
8	NF1	Omentum-S05	fresh	162	162	1.00	70	133		0.55
8	NF1	Omentum-S06	fresh	144	173	0.83	70	181		0.49
8	NF1	Omentum-S07	fresh	126	183	0.69	90	168		0.52
8	NF1	Omentum-S08	fresh	102	163	0.63	90	152		0.52
8	NF1	Ascites-R01	fresh	274	324	0.85	80	1		1.00
8	NF1	Buffy coat	fresh	0	0	0.00	NA	550		0.00
14	BRCA2	Omentum-S01	FFPE	39	67	0.58	50	260		0.20
14	BRCA2	Omentum-S02	FFPE	32	58	0.55	50	185		0.24
14	BRCA2	Omentum-S03	FFPE	51	57	0.89	60	119		0.32
14	BRCA2	Parametrium-S01	FFPE	26	42	0.62	50	371		0.10
14	BRCA2	Right ovary-S01	FFPE	31	56	0.55	70	358		0.14
14	BRCA2	Right ovary-S02	FFPE	35	54	0.65	70	203		0.21
14	BRCA2	Left ovary-S01	FFPE	0	15	0.00	50	1213		0.01
14	BRCA2	Left ovary-S02	FFPE	0	5	0.00	10	732		0.01
14	BRCA2	Left ovary-S03	FFPE	0	16	0.00	20	792		0.02
14	BRCA2	Unk-B01	fresh	79	85	0.929	NA	60		0.59
14	BRCA2	Left ovary-S01	fresh	35	42	0.83	NA	200		0.17
14	BRCA2	Omentum-S01	fresh	39	87	0.45	NA	354		0.20
14	BRCA2	Omentum-S02	fresh	30	104	0.29	10	837		0.11
14	BRCA2	Buffy coat	fresh	0	0	0.00	NA	203		0.00

Table 2: Digital PCR results for *NF1* and *BRCA2* mutations in HGSOc tissues from cases 8 and 14. AF, allele fraction; FFPE, formalin-fixed paraffin embedded; WT, wild-type