

Supplementary Table S6. Genetic testing for *TP53*, *BRCA1*, *BRCA2* and *PIK3CA* mutations in ascitic fluid of high-grade serous ovarian carcinoma (n = 39)

Gene	Total	Missense	Nonsense	Indel variants	Interpretation
<i>TP53</i>	43 ^a	21	12	10	Mix of missense/gain-of-function and truncating (loss-of-function)
<i>BRCA2</i>	3	0	3	0	Predominantly truncating variants, consistent with loss of function
<i>BRCA1</i>	11	0	8	3	All truncating → pathogenic (loss-of-function)
<i>PIK3CA</i>	4	4	0	0	All activating missense hotspot mutations

^a2 patients have 3 mutations, 1 patient has 2 mutations.