

Table

Table 1. Family history and gene mutations detected by NGS.

Member	History of cancer	Germline mutation of <i>BRCA1</i>	Concurrent mutation
Patient	Peritoneal carcinoma, fallopian tube adenocarcinoma, metastatic colorectal cancer	<i>BRCA1</i> (c.5470_5477delATTGGGCA, p.lle1824AspfsX3)	<i>Somatic mutation:</i> <i>TP53</i> (p. Tyr220Cys) <i>VHL</i> (p. Ser65Ala) <i>NF1</i> (exon41-46del) <i>FGF3</i> (p. Ala107Pro) <i>KMT2A</i> (p. Asp649Asn) <i>NBN</i> (p. Asp677Gly)
Mother	Breast cancer	<i>BRCA1</i> (c.5470_5477delATTGGGCA, p.lle1824AspfsX3)	Not performed
Father	Prostate cancer (Died)	-	-
Sister	Breast cancer (Died)	-	-
Brother	None	Wild-type	Not performed