

Gene	No filter		Deleterious	
	Number of variants		Number of variants	
	Cases / Controls	P	Cases / Controls	P
<i>BRCA</i> <i>1</i>	1 / 20	0.5 0	1 / 17	0.43
<i>MSH2</i>	1 / 4	0.1 3	0 / 4	1.00
<i>BRCA</i> <i>2</i>	2 / 41	0.5 2	2 / 23	0.23
<i>CDH1</i>	1 / 5	0.1 8	0 / 5	1.00

**Supplementary Table 3 (Ikeda Y et al)**

Association study with or without functional prediction of each variant in hereditary cancer associated genes,