

Supplementary Table 1. Tests for deviation from Hardy-Weinberg equilibrium and tests for association

Gene	Allele	Frequencies	Cases %	Controls %	P-value (cases vs control)	OR	95% I. C.	Gene	Allele	Frequencies	Cases %	Controls %	P-value (cases vs control)	OR	95% I. C.	
3'UTR BRCA1	rs3092995 (c:*36 C > G)	Genotype	n = 50	n = 50				rs15869 (c:*105 A > C)	Genotype	n = 50	n = 50					
		CC	82	76	0.7184	Reference			AA	84	82	0.36601	Reference			
		CG	0	8	0.04282	0.103	0.005-1.978		AC	6	18	0.09686	0.325	0.082-1.288		
		GG	18	16	0.93779	1.043	0.365-2.979		CC	10	0	0.03152	10.741	0.576-20.045		
		P-value HWE	1.537E-12	1.137E-07			P-value HWE		2.04E-07	0.4843						
	Allele						Allele									
	C	0.825	0.805				A	0.874	0.912							
	G	0.175	0.195				C	0.126	0.088							
	rs8176318 (c:*421 G > T)	Genotype	n = 50	n = 50				rs733453 (c:*369 A > G)	Genotype	n = 50	n = 50					
		GG	84	90	0.1178	Reference			AA	94	94	1.0000	Reference			
		GT	10	10	0.91771	1.071	0.289-3.967		AG	0	0	1.0000	1	0.019-5.144		
		TT	6	0	0.07813	7.494	0.376-14.9405		GG	6	6	1.0000	1	0.192-5.210		
		P-value HWE	0.0005	0.7097			P-value HWE		1.54E-12	1.54E-12						
	Allele						Allele									
	G	0.893	0.952				A	0.943	0.943							
	T	0.107	0.048				G	0.057	0.057							
rs111791349 (c:*1113 G > A)	Genotype	n = 50	n = 50				c:*457 (A > C)	Genotype	n = 50	n = 50						
	GG	68	76	0.05402	Reference			AA	66	68	0.06251	Reference				
	GA	12	18	0.60965	0.745	0.240-2.311		AC	12	30	0.09596	0.412	0.143-1.191			
	AA	20	6	0.04856	3.725	0.946-14.671		CC	22	2	0.00645	11.333	1.385-92.772			
	P-value HWE	1.14E-06	0.0375			P-value HWE		6.81E-07	0.6555							
Allele						Allele										
G	0.854	0.745				A	0.725	0.833								
A	0.146	0.255				C	0.275	0.167								
rs12516 (c:*1287 C > T)	Genotype	n = 50	n = 50				rs11571836 c:*532 (A > G)	Genotype	n = 50	n = 50						
	CC	88	88	0.08172	Reference			AA	82	82	0.30085	Reference				
	CT	4	16	0.07816	0.07816	0.051-1.279		AG	4	14	0.11308	0.286	0.056-1.458			
	TT	14	0	0.00996	1.5361	0.850-27.764		GG	14	4	0.11308	3.5	0.686-17.864			
	P-value HWE	1.76E-09	0.5386			P-value HWE		1.76E-09	0.0439							
Allele						Allele										
C	0.845	0.922				A	0.845	0.893								
T	0.155	0.078				G	0.155	0.107								
							rs75353978 c:*838-839 (TT > - -)	Genotype	n = 50	n = 50						
						TT		92	32	2.32E-18	Reference					
						- -		8	68	6.38E-10	2.4438	7.495-7.968				
						P-value HWE		1.54E-12	1.54E-12							
						Allele										
						TT	0.326	0.923								
						- -	0.674	0.077								