

Supplemental Table 3. Single SNP Analysis: BRCA1

Locus	rs	SNP Label	Genotype	HR	95% CI	P-value
ATM	1801516	1	AA	1.17	0.41-3.36	0.740
		1	AG	0.86	0.54-1.39	
	664982	2	AG	0.81	0.51-1.27	0.487
		2	GG	0.84	0.46-1.52	
	664677	5	CC	0.93	0.54-1.60	0.666
		5	CT	0.79	0.53-1.19	
	664143	6	CT	0.88	0.58-1.32	0.613
		6	TT	0.89	0.50-1.57	
	4485	7	AA	0.96	0.54-1.71	0.776
		7	AT	0.86	0.56-1.33	
BRIP1	12453935	2	AG	0.89	0.30-2.62	0.372
		2	AA	0.78	0.52-1.16	
	4986764	4	CT	0.82	0.56-1.19	0.534
		4	TT	1.31	0.77-2.24	
	16945628	6	CT	0.94	0.65-1.36	0.548
		6	TT	0.84	0.48-1.46	
	7219969	7	CC	1.65	0.92-2.95	0.104
		7	CT	1.20	0.82-1.73	
	16945643	15	AG	0.92	0.52-1.63	0.842
		15	GG	1.35	0.10-17.5	
	4986765	21	AA	1.73	0.88-3.40	0.789
		21	AG	0.74	0.48-1.15	
	2378908	26	AA	0.16	0.02-1.29	0.044
		26	AG	0.73	0.45-1.17	
	11652980	33	CG	1.04	0.61-1.76	0.378
33		GG	NE	NE		
BARD1	6712055	2	CC	0.72	0.34-1.52	0.812
		2	CT	1.07	0.72-1.58	
	16852689	6	CT	1.12	0.70-1.80	0.369
		6	TT	1.91	0.83-4.40	
	280621	7	CC	NE	NE	0.722
		7	CT	1.34	0.85-2.09	
	13021937	8	CC	0.51	0.24-1.05	0.131
		8	CT	0.91	0.62-1.33	
	10190829	12	AT	0.82	0.53-1.25	0.889
		12	TT	1.00	0.58-1.71	
	4234006	15	AA	0.94	0.26-3.41	0.860
		15	AG	0.96	0.59-1.56	
	3768708	17	AG	0.92	0.62-1.37	0.148
		17	GG	0.31	0.10-0.91	
	1374230	18	CC	1.04	0.56-1.93	0.461
18		CT	1.35	0.89-2.03		
CTIP	1010800	2	AG	1.63	1.13-2.35	0.010
		2	GG	1.39	0.73-2.67	
	4800141	3	AG	1.25	0.88-1.78	0.072
		3	GG	1.48	0.92-2.37	
	1010801	4	CT	1.25	0.88-1.75	0.221
		4	TT	1.18	0.60-2.31	
	9951982	5	AA	1.64	1.01-2.65	0.082
		5	AG	1.11	0.75-1.65	
	9961760	6	AA	1.55	0.93-2.59	0.129
		6	AG	1.12	0.75-1.66	
	4800138	7	AG	1.30	0.88-1.93	0.305
		7	GG	1.12	0.51-2.45	
7243256	8	AC	1.33	0.92-1.92	0.068	
	8	CC	1.52	0.79-2.92		

Supplemental Table 3. Single SNP Analysis: BRCA1 (Continued)

Locus	rs	SNP Label	Genotype	HR	95% CI	P-value
MRE11	1783678	1	CC	1.12	0.56-2.24	0.573
		1	CT	1.24	0.80-1.93	
	6483327	3	AG	0.88	0.59-1.31	0.025
		3	GG	0.25	0.09-0.71	
	6483341	5	AG	1.60	1.02-2.52	0.570
		5	GG	1.20	0.63-2.29	
	598599	6	AA	1.05	0.45-2.48	0.966
		6	AG	0.95	0.64-1.40	
	554715	7	CC	1.24	0.63-2.44	0.382
		7	CT	1.26	0.81-1.95	
	540199	14	AG	1.19	0.81-1.74	0.416
		14	GG	1.22	0.62-2.39	
588774	18	AA	1.09	0.55-2.17	0.659	
	18	AG	1.14	0.72-1.79		
NBS1	2735383	2	CG	1.04	0.67-1.61	0.180
		2	GG	1.74	0.96-3.13	
	6470522	4	AA	0.90	0.18-4.58	0.332
		4	AG	0.80	0.52-1.24	
	1805811	7	CT	1.10	0.60-2.00	0.511
		7	TT	9.67	4.19-22.30	
	1805812	8	CC	NE	NE	0.043
		8	CT	1.77	1.02-3.05	
	1805824	11	AA	9.60	4.15-22.1	0.567
		11	AG	1.07	0.59-1.95	
7417778	12	CC	1.73	0.85-3.50	0.075	
	12	CG	1.28	0.85-1.91		
RAD50	2897443	2	GT	0.64	0.37-1.10	0.213
		2	TT	0.96	0.44-2.13	
	2237060	3	GG	1.40	0.80-2.44	0.288
		3	GT	1.09	0.71-1.66	
	1295686	4	CT	0.60	0.38-0.96	0.258
		4	TT	0.87	0.34-2.19	
2243204	5	CT	0.90	0.46-1.79	0.887	
	5	TT	2.38	1.22-4.64		
RAD51	11070291	1	AA	0.96	0.56-1.66	0.890
		1	AG	1.05	0.68-1.62	
	2619680	2	AA	1.00	0.59-1.71	0.991
		2	AC	1.05	0.67-1.64	
	957603	5	CT	1.11	0.74-1.64	0.979
		5	TT	0.96	0.48-1.94	
	2619681	7	CT	0.96	0.63-1.46	0.226
		7	TT	0.19	0.05-0.84	
	11855560	10	CT	1.08	0.70-1.65	0.782
		10	TT	1.07	0.63-1.81	
TOPBP1	3192149	1	AA	1.38	0.81-2.35	0.312
		1	AC	1.14	0.74-1.74	
	17301766	3	AA	0.93	0.28-3.07	0.822
		3	AG	0.96	0.67-1.39	
	10512909	5	CT	0.91	0.61-1.35	0.682
		5	TT	0.99	0.33-2.90	
	2718804	6	AA	1.60	0.75-3.44	0.424
		6	AG	1.05	0.62-1.76	
	4854588	10	AA	1.05	0.53-2.08	0.816
		10	AC	1.05	0.69-1.59	
3732574	13	CC	1.66	0.24-11.3	0.845	
	13	CT	1.04	0.57-1.89		