

Supplemental Table 4. Single SNP Analysis: *BRCA2*

Locus	rs	SNP Label	Genotype	HR	95% CI	P-value
<i>ATM</i>	1801516	1	AA	3.87	0.40-37.38	0.759
		1	AG	0.84	0.37-1.91	
	664982	2	AG	0.69	0.30-1.58	0.547
		2	GG	1.80	0.75-4.32	
	3092829	4	CC	NE	NE	0.788
		4	CT	0.70	0.05-9.56	
	664677	5	CC	1.25	0.40-3.86	0.908
		5	CT	0.68	0.31-1.50	
	664143	6	CT	0.71	0.32-1.59	0.861
		6	TT	1.50	0.52-4.33	
<i>BRIP1</i>	12453935	2	AA	1.48	0.35-6.24	0.128
		2	AG	1.87	0.90-3.88	
	16945628	6	CT	1.20	0.51-2.79	0.458
		6	TT	1.66	0.45-6.14	
	17614124	14	CT	0.72	0.29-1.78	0.829
		14	TT	1.25	0.29-5.39	
	6504074	18	GT	0.68	0.30-1.53	0.565
		18	TT	0.87	0.20-3.91	
	4986765	21	AA	0.49	0.12-1.95	0.296
		21	AG	0.64	0.21-2.02	
	10515211	25	AG	1.14	0.50-2.63	0.985
		25	GG	0.71	0.14-3.63	
	4988340	27	AA	1.38	0.42-4.49	0.973
		27	AG	0.63	0.25-1.56	
8076727	29	AA	1.12	0.24-5.24	0.712	
	29	AG	0.66	0.27-1.60		
<i>BARD1</i>	6712055	2	CC	9.05	2.95-27.70	0.008
		2	CT	1.33	0.59-2.98	
	16852689	6	CT	0.48	0.20-1.18	0.246
		6	TT	0.83	0.11-6.08	
	280621	7	CT	NE	NE	0.628
		7	CC	0.88	0.29-2.73	
	13021937	8	CC	1.28	0.31-5.26	0.971
		8	CT	0.90	0.40-2.01	
	13423596	10	AA	NE	NE	0.269
		10	AG	0.79	0.28-2.25	
	6751923	13	CC	0.75	0.08-6.58	0.558
		13	CT	1.49	0.60-3.68	
	3768708	17	AG	0.66	0.26-1.70	0.525
		17	GG	3.14	0.92-10.7	
1374230	18	CC	0.16	0.02-1.35	0.152	
	18	CT	0.72	0.31-1.64		
<i>CTIP</i>	1010800	2	AG	1.50	0.61-3.68	0.297
		2	GG	1.35	0.50-3.65	
	4800141	3	AG	1.00	0.51-1.97	0.755
		3	GG	1.36	0.43-4.32	
	1010801	4	CT	1.13	0.49-2.62	0.649
		4	TT	1.32	0.33-5.23	
	9951982	5	AA	2.01	0.64-6.34	0.259
		5	AG	1.25	0.63-2.49	
	9961760	6	AA	2.16	0.67-7.00	0.168
		6	AG	1.44	0.71-2.92	
	4800138	7	AG	1.70	0.64-4.53	0.177
7		GG	1.91	0.45-8.14		
7243256	8	AC	1.65	0.66-4.15	0.141	
	8	CC	2.16	0.70-6.67		

Supplemental Table 4: Single SNP Analysis: *BRCA2* (Continued)

Locus	rs	SNP Label	Genotype	HR	95% CI	P-value
<i>MRE11</i>	1783678	1	CC	0.42	0.12-1.41	0.404
			CT	1.21	0.51-2.88	
	6483327	3	AG	0.57	0.21-1.56	0.511
			GG	0.77	0.13-4.55	
	598599	6	AA	<b>0.85</b>	<b>0.10-7.53</b>	<b>0.023</b>
			AG	<b>3.21</b>	<b>1.24-8.33</b>	
	1014666	8	CC	2.50	0.58-10.8	0.103
			CT	3.29	0.99-10.8	
	497763	13	CT	2.24	0.76-6.60	0.075
			TT	2.87	0.77-10.7	
	540199	14	AG	<b>3.04</b>	<b>1.15-8.05</b>	<b>0.024</b>
			GG	<b>2.22</b>	<b>0.46-10.7</b>	
	2508782	19	AA	1.34	0.38-4.70	0.506
			AG	1.51	0.55-4.11	
<i>NBS1</i>	2697674	1	AG	0.45	0.17-1.18	0.577
			GG	0.93	0.33-2.64	
	2697679	3	AC	0.50	0.17-1.46	0.942
			CC	1.23	0.43-3.53	
	6470522	4	AA	12.46	1.89-82.0	0.974
			AG	0.66	0.18-2.38	
<i>RAD50</i>	2897443	2	GT	0.44	0.14-1.37	0.489
			TT	1.34	0.21-8.74	
	2237060	3	GG	1.00	0.34-2.96	0.797
			GT	0.71	0.28-1.84	
	1295686	4	CT	0.94	0.30-2.98	0.764
			TT	0.50	0.05-4.58	
	2243204	5	CT	0.68	0.22-2.10	0.365
			TT	NE	NE	
<i>RAD51</i>	11070291	1	AA	0.47	0.14-1.54	0.183
			AG	0.64	0.24-1.69	
	2619680	2	AA	0.34	0.11-1.19	0.077
			AC	0.55	0.21-1.43	
	957603	8	AT	<b>5.57</b>	<b>1.35-22.9</b>	<b>0.000</b>
			TT	<b>11.27</b>	<b>2.28-55.7</b>	
	2619681	10	CT	0.71	0.27-1.86	0.325
			TT	0.55	0.15-2.05	
<i>TOPBP1</i>	17301766	3	AA	0.93	0.22-3.96	0.956
			AG	1.00	0.47-2.13	
	10935070	4	AG	0.83	0.36-1.89	0.704
			GG	1.70	0.52-5.50	
	10512909	5	CT	1.36	0.63-2.9	0.652
			TT	0.70	0.08-5.85	
	2718804	6	AA	NE	NE	0.278
			AG	0.63	0.23-1.72	
	2887747	8	AA	NE	NE	0.376
			AG	0.72	0.28-1.84	
	4854588	10	AA	NE	NE	0.821
			AC	1.01	0.40-2.50	