

Anti-Mullerian hormone genes and breast cancer

Supplementary Table 1. 62 SNPs in *AMH*, *ACVR1*, and *AMHR2* genes

Gene	rs#	Caucasians			African Americans		
		Major/minor allele	MAF (%) ^a	P for HWE	Major/minor allele	MAF (%) ^a	P for HWE
Anti-mullerian hormone (<i>AMH</i>)	rs733846	T/G	16	0.340	G/T	43	0.016
	rs2074860	A/G	18	0.379	G/A	42	0.224
	rs3746158	A/G	23	0.528	A/G	42	0.203
	rs3761021	T/C	2	0.654	T/C	15	0.537
	rs4806834	C/T	3	0.456	C/T	29	0.281
	rs6510652	G/T	9	0.098	G/T	26	0.976
	rs6510653	A/G	10	0.427	G/A	45	0.068
	rs7249235	C/A	9	0.052	C/A	29	0.170
	rs7250822	G/C	16	0.228	G/C	18	0.366
	rs7253181	T/G	22	0.398	G/T	48	0.859
	rs8112524	A/G	38	0.229	G/A	37	0.038
	rs10407022	T/G	13	0.012	T/G	39	0.723
	rs10415913	G/A	9	0.816	A/G	49	0.073
AMH type 1 receptor (<i>ACVR1</i>)	rs12936	G/T	0	0.961	G/T	5	0.605
	rs1146031	A/G	0	0.923	A/G	26	0.691
	rs1146033	A/G	1	0.904	A/G	26	0.024
	rs1146037	T/C	22	0.569	T/C	19	0.042
	rs1220110	T/A	27	0.739	A/T	36	0.090
	rs1220133	G/A	28	0.477	A/G	33	0.583
	rs1220134	T/A	28	0.761	A/T	35	0.234
	rs1220135	T/C	0	0.000	T/C	8	0.778
	rs2883605	G/T	10	0.796	G/T	1	0.870
	rs3738927	T/C	0	0.981	T/C	5	0.581
	rs4233672	G/A	19	0.023	A/G	32	0.363
	rs4380178	G/A	16	0.124	G/A	20	0.369
	rs4664898	A/G	19	0.661	A/G	26	0.522
	rs4664901	T/C	23	0.140	C/T	23	0.560
	rs7561419	C/T	0	0.962	C/T	23	0.415
	rs7563276	G/A	6	0.886	G/A	9	0.932
	rs7565550	C/A	20	0.329	C/A	29	0.688
	rs7603425	T/C	0	0.981	T/C	9	0.151
	rs9288697	G/T	5	0.924	G/T	29	0.312
	rs10168000	C/T	18	0.137	T/C	23	0.068
	rs10497189	T/C	12	0.542	T/C	1	0.842
	rs10497190	C/T	19	0.215	C/T	27	0.776
	rs10497191	C/T	13	0.312	T/C	21	0.006
	rs10497192	T/C	27	0.494	C/T	16	0.002
	rs10497193	A/G	18	0.728	A/G	42	0.413
	rs10933441	C/T	7	0.913	C/T	5	0.000
	rs10933443	T/C	25	0.885	C/T	38	0.581
	rs12694937	T/C	2	0.713	T/C	16	0.812
	rs12987698	T/G	17	0.071	G/T	30	0.020
	rs13021202	C/T	19	0.060	C/T	27	0.474
	rs13395576	T/C	0	0.000	T/C	6	0.884
	rs13398650	G/A	8	0.340	A/G	44	0.026
	rs13426299	C/G	0	0.981	C/G	20	0.435
	rs16842009	C/T	0	0.000	C/T	5	0.703
	rs16842018	G/T	1	0.902	G/T	32	0.106
rs16842023	C/T	1	0.904	C/T	15	0.710	
rs16842091	C/T	0	0.962	C/T	5	0.407	
rs16842126	A/T	1	0.828	A/T	11	0.445	
rs16842128	G/T	0	0.981	G/T	6	0.888	
rs16842130	C/T	0	0.961	C/T	12	0.033	

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	rs16842143	G/A	0	0.000	G/A	6	0.351
	rs17182166	G/T	18	0.232	G/T	17	0.394
AMH type 2 receptor (AMHR2)	rs784888	C/G	0	0.922	C/G	33	0.623
	rs784892	C/T	0	0.962	C/T	27	0.715
	rs784893	T/C	1	0.904	T/C	47	0.825
	rs2002555	T/C	16	0.279	T/C	12	0.152
	rs11170550	G/T	16	0.396	G/T	16	0.625
	rs17695156	C/T	7	0.169	C/T	1	0.000
	rs36120387	C/T	10	0.254	C/T	2	0.768

*Minor allele frequency (MAF) was calculated among controls in this study.