

SNP1			SNP2			LD cases	LD case vs control		
SNP1_ID	Chr	Bp	SNP2_ID	Chr	Bp	p-value	p-value	D'(cases)	D'(controls)
rs877674	1	32242206	rs6952893	7	95546753	2.80E-08	4.17E-11	0.3413	-0.7092
rs1869026	2	121341281	rs9395969	6	54361735	5.66E-10	3.68E-10	0.4457	-0.6068
rs10916814	1	20892931	rs690140	9	93333075	3.33E-08	5.27E-10	0.3058	-0.2211
rs3813359	6	130761957	rs9924528	16	17855194	1.60E-10	6.56E-10	0.3819	-0.4177
rs787274	9	115550363	rs11250795	10	1846654	4.30E-12	7.26E-10	0.4499	-0.5267
rs12022452	1	40953300	rs269427	6	88742820	1.28E-10	9.95E-10	0.4238	-0.5941
rs9366664	6	10892499	rs1600646	8	13715911	4.14E-08	1.06E-09	0.3041	-0.6567
rs4685724	3	4035443	rs9682918	3	1.4E+08	5.08E-09	1.19E-09	0.6417	-0.616
rs2309322	4	181240134	rs1334782	6	18894894	7.63E-10	1.25E-09	0.4058	-0.3832
rs1903989	10	53770239	rs4767920	12	1.21E+08	1.21E-08	1.26E-09	0.424	-0.5402
rs7637404	3	190981868	rs12457810	18	9088650	1.35E-11	1.28E-09	0.552	-0.4894
rs1402915	5	62193486	rs2514750	8	1.19E+08	2.39E-10	1.32E-09	0.427	-0.5136
rs4424809	13	85348247	rs1547553	18	77926197	1.36E-11	1.43E-09	0.6588	-0.5236
rs17164851	7	130003487	rs2162234	15	84382435	1.64E-08	1.89E-09	0.3474	-0.3295
rs2309322	4	181240134	rs6917825	6	18894236	7.63E-10	2.05E-09	0.4058	-0.3709
rs10514279	5	85707469	rs4869993	6	1.51E+08	2.71E-11	2.15E-09	0.5093	-0.527
rs16864714	3	152643911	rs197167	5	1.69E+08	3.81E-11	2.16E-09	0.6105	-0.4537
rs4667193	2	188626214	rs11951611	5	1.77E+08	6.78E-09	2.18E-09	0.7697	-0.4906
rs4667193	2	188626214	rs11953271	5	1.77E+08	6.78E-09	2.18E-09	0.7697	-0.4906
rs2197609	13	85177888	rs1547553	18	77926197	1.60E-11	2.23E-09	0.6808	-0.5096
rs6889397	5	62221201	rs2514750	8	1.19E+08	1.13E-09	2.70E-09	0.4209	-0.5234
rs9850111	3	4015439	rs9682918	3	1.4E+08	7.14E-09	2.71E-09	0.6118	-0.5648
rs1074650	3	4026680	rs9682918	3	1.4E+08	4.21E-08	2.79E-09	0.6019	-0.5962
rs16864714	3	152643911	rs264830	5	1.69E+08	1.29E-10	2.79E-09	0.6015	-0.5057
rs2296781	9	80044056	rs10513454	9	1.29E+08	6.67E-12	3.36E-09	0.4669	-0.4346
rs11960314	5	170059227	rs2160166	16	6328022	1.60E-08	3.56E-09	0.4483	-0.4709
rs1465618	2	43553949	rs2604169	15	33388030	1.31E-08	3.79E-09	0.4925	-0.1648
rs4244274	10	110435038	rs7155714	14	35836159	1.11E-09	3.88E-09	0.4225	-0.4218
rs2749592	10	38258842	rs10879642	12	73981404	4.36E-08	3.93E-09	0.6338	-0.4868
rs11154574	6	130704268	rs9924528	16	17855194	4.92E-10	4.07E-09	0.3575	-0.3721
rs4836045	5	121887537	rs12449554	17	26857788	5.37E-10	4.13E-09	0.4043	-0.5319
rs2749592	10	38258842	rs1373221	12	73977824	3.34E-08	4.44E-09	0.6355	-0.4798
rs12534545	7	140195463	rs11641717	16	59227754	4.99E-09	4.55E-09	0.5138	-0.379

rs11209454	1	69889691	rs9533623	13	44380753	3.18E-09	4.69E-09	0.3166	-0.6138
rs7770227	6	114622214	rs10230573	7	80141069	6.86E-10	4.83E-09	0.3368	-0.5788
rs13068223	3	156470955	rs884272	11	12455682	2.30E-08	5.06E-09	0.5889	-0.2916
rs1402915	5	62193486	rs2514966	8	1.19E+08	1.11E-09	5.21E-09	0.4156	-0.5023
rs11588062	1	46779764	rs8004687	14	91661939	3.51E-08	5.24E-09	0.4094	-0.2082
rs8003722	14	69318262	rs162360	21	44858504	1.51E-08	5.27E-09	0.3845	-0.3196
rs2063413	4	4654357	rs877549	22	30672420	3.75E-10	5.37E-09	0.5673	-0.5547
rs2296781	9	80044056	rs10819087	9	1.29E+08	1.73E-12	5.43E-09	0.5813	-0.4085
rs1402915	5	62193486	rs2451125	8	1.19E+08	5.39E-09	5.69E-09	0.3763	-0.5347
rs727809	5	152610222	rs10751106	11	83920172	5.08E-09	5.73E-09	0.3715	-0.4831
rs1465618	2	43553949	rs345800	15	33382657	3.14E-08	5.83E-09	0.4766	-0.1697
rs12776158	10	71218094	rs695567	22	28889735	3.41E-09	5.94E-09	0.3489	-0.5649
rs7760869	6	130633537	rs9924528	16	17855194	1.65E-09	6.06E-09	0.3817	-0.3562
rs7710527	5	108502493	rs10278194	7	42363805	1.05E-08	6.17E-09	0.619	-0.6138
rs6859725	5	57355531	rs12535348	7	25194753	2.12E-08	6.44E-09	0.3912	-0.5631
rs2270778	3	124692689	rs300238	5	1.63E+08	1.16E-09	6.53E-09	0.3976	-0.5029
rs1402915	5	62193486	rs10955864	8	1.19E+08	2.59E-09	6.63E-09	0.3883	-0.5136
rs1402915	5	62193486	rs2514747	8	1.19E+08	2.59E-09	6.63E-09	0.3883	-0.5136
rs1402915	5	62193486	rs2514948	8	1.19E+08	2.59E-09	6.63E-09	0.3883	-0.5136
rs1402915	5	62193486	rs2514958	8	1.19E+08	2.59E-09	6.63E-09	0.3883	-0.5136
rs1402915	5	62193486	rs2514746	8	1.19E+08	2.59E-09	6.63E-09	0.3883	-0.5136
rs1402915	5	62193486	rs2514942	8	1.19E+08	2.59E-09	6.63E-09	0.3883	-0.5136
rs1402915	5	62193486	rs10808496	8	1.19E+08	2.59E-09	6.63E-09	0.3883	-0.5136
rs1402915	5	62193486	rs2451164	8	1.19E+08	2.59E-09	6.63E-09	0.3883	-0.5136
rs12179502	6	130655522	rs9924528	16	17855194	2.70E-09	6.66E-09	0.3793	-0.3626
rs12630241	3	4021679	rs9682918	3	1.4E+08	7.14E-09	6.68E-09	0.6118	-0.5086
rs12630208	3	4021456	rs9682918	3	1.4E+08	7.14E-09	6.68E-09	0.6118	-0.5086
rs6919251	6	130737708	rs9924528	16	17855194	6.16E-09	6.76E-09	0.3654	-0.4062
rs10520861	5	19441735	rs9380696	6	37600774	2.23E-08	6.79E-09	0.3359	-0.6429
rs17059002	6	130757127	rs9924528	16	17855194	7.17E-09	7.06E-09	0.3455	-0.4244
rs4301303	6	40603057	rs10444487	12	1.17E+08	2.99E-08	7.34E-09	0.3586	-0.4861
rs10102392	8	86467538	rs11238734	10	44334916	6.35E-09	7.39E-09	0.5007	-0.5677
rs2882667	5	138314106	rs449303	14	60605788	6.13E-10	7.51E-09	0.5509	-0.5564
rs1488564	3	173453868	rs2961030	7	52685663	2.03E-12	7.85E-09	0.381	-0.3581
rs8003722	14	69318262	rs229353	21	44853859	3.96E-09	7.86E-09	0.431	-0.257

rs4462272	10	101823543	rs563748	11	59766499	7.14E-10	8.06E-09	0.3347	-0.5605
rs11129844	3	4021546	rs9682918	3	1.4E+08	9.73E-09	8.30E-09	0.6102	-0.5086
rs4129059	1	214676121	rs1499503	3	65658302	7.48E-10	8.31E-09	0.5059	-0.5605
rs4700537	5	62205619	rs2514750	8	1.19E+08	1.48E-09	8.75E-09	0.4043	-0.4927
rs1402901	2	53687730	rs2173318	3	1.11E+08	6.58E-09	9.02E-09	0.3694	-0.5308
rs6927808	6	114631425	rs10230573	7	80141069	1.30E-09	9.03E-09	0.3346	-0.5719
rs785132	6	114634471	rs10230573	7	80141069	1.30E-09	9.03E-09	0.3346	-0.5719
rs1320851	2	66275308	rs1258569	12	1.31E+08	4.16E-10	9.12E-09	0.381	-0.3181
rs4697263	4	22068673	rs2141322	11	8067451	9.59E-09	9.13E-09	0.3568	-0.2312
rs11126435	2	74789700	rs263655	9	17009481	2.19E-08	9.30E-09	0.3378	-0.5262
rs1878935	5	157962085	rs4077020	6	1.49E+08	1.76E-08	9.49E-09	0.3654	-0.2305
rs2407308	8	4022811	rs2036534	15	78826948	1.29E-09	1.03E-08	0.3745	-0.1359