

Supplementary Table 1. Properties of SNPs tested in this study

SNP	position	Genic position	Allele1	Allele2
rs884709	15226882	downstream	A	G
rs1945602	15229753	downstream	A	C
rs10766220	15230305	downstream	A	C
rs1945607	15235997	downstream	A	C
rs10766222	15236239	downstream	C	T
rs1945608	15239174	downstream	T	C
rs12273915	15244475	downstream	A	C
rs4291658	15250777	downstream	G	T
rs4291659	15250944	downstream	C	A
rs7940545	15252744	downstream	T	G
rs9651633	15256503	downstream	C	A
rs7928484	15256698	downstream	G	A
rs11826924	15258338	downstream	T	C
rs10430887	15274464	downstream	A	T
rs1343841	15275804	downstream	C	T
rs10832395	15276280	downstream	C	T
rs1320211	15279532	downstream	A	G
rs4145786	15280531	downstream	T	C
rs10766229	15282052	downstream	A	C
rs16931357	15285714	downstream	A	G
rs11023518	15286691	downstream	C	T
rs4313573	15287174	downstream	G	A
rs4378368	15289848	downstream	C	T
rs2350987	15290007	downstream	A	G
rs10832402	15290612	downstream	C	T
rs4614430	15293603	downstream	C	G
rs4506629	15294796	downstream	A	C
rs4334003	15302149	downstream	T	G
rs7122103	15303398	downstream	C	A
rs4756805	15305088	downstream	C	T
rs7117265	15307181	downstream	A	G
rs11605083	15311822	downstream	C	T
rs10832406	15320598	downstream	C	G
rs4237705	15329370	downstream	T	C
rs11023543	15332445	downstream	A	T
rs10766237	15332521	downstream	T	C
rs10832409	15334275	downstream	T	C
rs11023546	15334894	downstream	T	C
rs4622244	15345285	downstream	T	C
rs4757309	15346657	downstream	T	C
rs4757312	15349496	downstream	A	G
rs7932410	15355177	downstream	A	G

rs4500467	15357720	downstream	T	C
rs12364769	15357829	downstream	C	G
rs4757314	15362212	downstream	T	C
rs4133144	15371043	downstream	G	A
rs10741672	15372097	downstream	T	G
rs12278251	15373266	downstream	C	A
rs7350480	15387984	downstream	A	G
rs10832437	15389801	downstream	T	C
rs10766251	15400257	downstream	A	G
rs4237709	15408823	downstream	G	A
rs4756808	15412353	downstream	T	G
rs7126053	15412541	downstream	G	T
rs12789212	15413318	downstream	G	A
rs7949682	15427624	downstream	C	T
rs11023577	15427773	downstream	C	T
rs7479920	15430164	downstream	C	T
rs12805912	15449408	downstream	G	C
rs7939403	15450215	downstream	A	G
rs7939628	15450400	downstream	A	C
rs7938802	15459784	downstream	A	G
rs7480915	15461604	downstream	T	A
rs7949952	15462690	downstream	G	A
rs7950188	15462927	downstream	G	T
rs7117412	15468052	downstream	A	G
rs10766261	15471465	downstream	C	T
rs10832451	15475282	downstream	T	A
rs10832453	15475830	downstream	T	C
rs10832454	15475924	downstream	C	A
rs7106594	15477573	downstream	A	G
rs6486251	15478129	downstream	A	C
rs12290607	15480220	downstream	C	T
rs7120823	15481834	downstream	A	C
rs12270000	15485462	downstream	T	G
rs11023603	15485606	downstream	A	G
rs10832464	15493152	downstream	G	A
rs11023624	15512207	downstream	G	A
rs4338491	15515720	downstream	G	A
rs2351097	15516762	downstream	T	G
rs11023631	15531636	downstream	C	G
rs2882570	15534878	downstream	A	G
rs2351044	15535033	downstream	A	G
rs11023635	15536378	downstream	A	G
rs2351046	15536923	downstream	A	G
rs2351049	15540637	downstream	A	T

rs2351050	15540787	downstream	C	T
rs4757337	15542792	downstream	G	A
rs2351058	15557616	downstream	G	T
rs1880393	15562994	downstream	A	G
rs7117096	15566164	downstream	C	T
rs7103393	15566329	downstream	T	C
rs11023648	15568644	downstream	A	C
rs729417	15571966	downstream	A	G
rs16931632	15576519	downstream	G	A
rs12788084	15576654	downstream	G	A
rs17439299	15577162	downstream	G	A
rs1552304	15578616	downstream	T	C
rs10458875	15582363	downstream	T	A
rs10160745	15582765	downstream	T	C
rs7927948	15588052	downstream	A	G
rs1124115	15597394	downstream	T	G
rs1573997	15597470	downstream	T	C
rs4756817	15604603	downstream	C	T
rs7107683	15606190	downstream	T	C
rs11023662	15609673	downstream	T	G
rs12578054	15613167	downstream	T	C
rs11023667	15613567	downstream	G	A
rs10832492	15613584	downstream	A	G
rs4756818	15614769	downstream	T	C
rs4757346	15615852	downstream	G	A
rs4757347	15616260	downstream	G	T
rs10832497	15621487	downstream	A	G
rs1531903	15625402	downstream	C	G
rs7943358	15642146	downstream	G	A
rs2068011	15642254	downstream	C	G
rs7117858	15651038	downstream	C	T
rs12226164	15666021	downstream	T	C
rs11023685	15666560	downstream	G	A
rs7108738	15666660	downstream	C	A
rs11602521	15673863	downstream	A	G
rs11023689	15676753	downstream	T	A
rs7942222	15681974	downstream	A	G
rs1466553	15682784	downstream	G	C
rs1471759	15685991	downstream	G	A
rs16931831	15686130	downstream	T	C
rs900865	15686419	downstream	G	C
rs1994214	15686932	downstream	C	A
rs11827785	15687087	downstream	C	A
rs4426098	15687328	downstream	T	A

rs3886607	15692229	downstream	C	T
rs12806901	15692447	downstream	C	T
rs2054733	15693931	downstream	T	C
rs7130751	15694322	downstream	A	G
rs2141673	15695351	downstream	G	A
rs1011896	15702968	downstream	C	G
rs1011824	15703573	downstream	A	G
rs9666336	15705244	downstream	A	G
rs16931894	15705348	downstream	A	G
rs7943117	15705830	downstream	A	T
rs10832508	15708269	downstream	T	C
rs7107341	15708929	downstream	T	A
rs1484444	15709379	downstream	C	T
rs7113901	15715325	downstream	C	G
rs11023698	15716701	downstream	T	C
rs11023700	15717617	downstream	C	T
rs11023702	15720845	downstream	T	C
rs11023705	15723102	downstream	C	G
rs10832515	15725228	downstream	A	G
rs7128920	15728891	downstream	T	C
rs1484436	15730241	downstream	T	G
rs11023707	15731689	downstream	C	T
rs7111494	15731934	downstream	C	G
rs12293302	15733020	downstream	T	A
rs1882133	15733362	downstream	T	C
rs931280	15733716	downstream	C	G
rs4757360	15742412	downstream	T	C
rs16931985	15747400	downstream	A	T
rs4265560	15747479	downstream	C	T
rs936738	15748102	downstream	G	C
rs1110793	15748131	downstream	G	C
rs1075749	15748420	downstream	T	C
rs1545896	15758514	downstream	T	G
rs12798618	15770573	downstream	C	T
rs923031	15777602	downstream	G	T
rs16932092	15778329	downstream	A	G
rs326689	15779167	downstream	T	G
rs326686	15780714	downstream	A	G
rs11023727	15785619	downstream	C	A
rs1440716	15786427	downstream	C	T
rs1837607	15787071	downstream	C	T
rs2593586	15787514	downstream	C	T
rs11023728	15789390	downstream	A	G
rs2593590	15797902	downstream	G	A

rs1882130	15800950	downstream	T	A
rs767781	15801852	downstream	T	C
rs1920668	15803112	downstream	C	G
rs1440708	15805423	downstream	T	C
rs12800617	15807131	downstream	A	T
rs1543832	15809260	downstream	A	C
rs7112764	15814779	downstream	T	C
rs1920672	15814869	downstream	A	C
rs12272146	15815380	downstream	T	C
rs11023733	15815909	downstream	A	G
rs11023737	15821863	downstream	T	A
rs12280342	15831715	downstream	A	T
rs11023747	15836453	downstream	A	G
rs2002372	15838186	downstream	A	C
rs874189	15838275	downstream	C	T
rs894007	15838464	downstream	G	T
rs10832527	15840495	downstream	G	C
rs1440707	15849862	downstream	C	T
rs4756836	15852000	downstream	C	G
rs2196961	15856400	downstream	G	A
rs11023757	15858795	downstream	G	A
rs12290232	15860242	downstream	A	G
rs12287547	15863864	downstream	T	C
rs12289250	15864697	downstream	T	C
rs1440704	15867379	downstream	C	T
rs12270765	15869245	downstream	T	C
rs2615027	15870567	downstream	G	A
rs2582307	15875438	downstream	A	G
rs11023769	15877930	downstream	C	T
rs11023771	15878737	downstream	G	A
rs11023772	15878878	downstream	C	T
rs10832529	15887048	downstream	C	T
rs11023775	15888323	downstream	T	C
rs2582299	15888978	downstream	G	A
rs11023776	15889276	downstream	T	A
rs2615040	15889353	downstream	T	C
rs10458876	15895656	downstream	A	G
rs878625	15896271	downstream	A	G
rs2582297	15896477	downstream	A	G
rs11023787	15908870	downstream	A	G
rs2615016	15909119	downstream	G	C
rs894008	15917011	downstream	T	G
rs1866822	15918927	downstream	A	C
rs7111730	15922928	downstream	A	T

rs1470145	15933913	downstream	T	C
rs1371917	15938033	downstream	G	A
rs7950566	15942333	downstream	C	G
rs1065024	15945926	3UTR	C	T
rs10832539	15961138	intron 15	G	T
rs10832542	15963049	intron 15	G	A
rs10766291	15968305	intron 13	T	C
rs16932405	15968818	intron 13	C	T
rs16932409	15970052	intron 13	A	G
rs10766293	15972342	intron 13	C	T
rs11023821	15979442	intron 13	T	C
rs16932416	15979900	intron 13	G	A
rs12574862	15982750	intron 13	C	G
rs12574859	15982867	intron 13	A	C
rs7942659	15983239	intron 13	G	A
rs7924380	15983392	intron 13	T	G
rs7942880	15983418	intron 13	T	C
rs4478958	15985251	intron 13	A	G
rs10500821	15985670	intron 13	G	C
rs16932455	15996751	intron 12	A	T
rs16932458	15997049	intron 12	T	G
rs9645647	15997732	intron 12	T	A
rs7941496	15997881	intron 12	T	G
rs9645648	15998134	intron 12	G	A
rs10500822	16004493	intron 12	T	C
rs4279976	16016409	intron 12	A	G
rs16932585	16105375	intron 6	C	T
rs9651573	16114996	intron 6	G	A
rs4620684	16135202	intron 6	G	C
rs12576286	16148674	intron 6	A	T
rs10832554	16148859	intron 6	A	G
rs16932670	16152464	intron 6	C	A
rs11023860	16152517	intron 6	G	T
rs16924862	16152913	intron 6	G	A
rs7118395	16155641	intron 6	C	T
rs7108091	16155907	intron 6	C	T
rs7125634	16182317	intron 4	T	C
rs12420519	16189798	intron 4	T	G
rs10832565	16198630	intron 4	A	G
rs10832566	16198924	intron 4	C	G
rs10832567	16199151	intron 4	G	A
rs2028162	16204051	intron 4	G	A
rs1837096	16219450	intron 3	G	A
rs12798980	16234929	intron 3	C	G

rs10832576	16236880	intron 3	A	T
rs12274377	16247709	intron 3	A	T
rs1347677	16252988	intron 3	G	T
rs12225830	16276290	intron 3	G	A
rs11023907	16281025	intron 3	T	G
rs10219384	16285545	intron 3	T	C
rs297367	16285585	intron 3	A	G
rs297366	16286125	intron 3	C	T
rs297361	16294951	intron 3	A	G
rs297360	16299657	intron 2	G	T
rs297324	16345860	intron 1	G	A
rs297325	16346170	intron 1	C	T
rs297326	16346308	intron 1	T	G
rs297339	16360859	intron 1	A	G
rs1847314	16365112	intron 1	T	C
rs1847315	16365152	intron 1	T	C
rs1018143	16372480	intron 1	C	T
rs1393926	16375287	intron 1	T	C
rs7946119	16378434	intron 1	C	T
rs11023934	16382534	intron 1	A	T
rs12221729	16389040	intron 1	A	C
rs1503449	16391269	intron 1	G	T
rs11820804	16392640	intron 1	C	T
rs7945099	16394550	intron 1	A	G
rs7932807	16394987	intron 1	G	A
rs16933090	16412370	intron 1	T	C
rs10832606	16416136	intron 1	C	T
rs11023944	16417484	intron 1	C	A
rs10832607	16419343	intron 1	T	C
rs16933105	16421254	intron 1	T	A
rs11023945	16421615	intron 1	T	C
rs10832608	16431123	intron 1	G	A
rs12805370	16431338	intron 1	A	T
rs10500830	16441827	intron 1	A	G
rs1354329	16441877	intron 1	T	C
rs7118874	16443641	intron 1	G	A
rs7950287	16448694	intron 1	T	G
rs10832613	16449603	intron 1	T	C
rs10832614	16449792	intron 1	T	C

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