

Supplemental Data Table S3. SNPs genotyped for haplotype analysis

Chromosome	Position	rsID	Distance from mutation (bp)	Ref	Alt	MAF*
14	22111496	rs3811189	240,454	A	G	0.1944
14	22192440	rs11849258	159,510	C	G	0.1
14	22230034	rs7140697	121,916	A	G	0.3167
14	22271562	rs1242745	80,388	C	T	0.1
14	22312668	rs1061040	39,282	C	T	0.0889
14	22313978	rs12436256	37,972	C	T	0.4
14	22317527	rs8013531	34,423	C	T	0.4056
14	22320970	rs17122403	30,980	G	T	0.0556
14	22327900	rs6572754	24,050	A	G	0.1556
14	22329539	rs8006372	22,411	C	T	0.4056
14	22335648	rs8009463	16,302	G	T	0.1556
14	22339293	rs3850293	12,657	C	T	0.1556
14	22343126	rs12146987	8,824	A	G	0.1556
14	22347843	rs4982676	4,107	A	G	0.3889
14	22351950	P.I166M†	NA	A	C	NA
14	22354412	rs2281677	2,462	A	G	0.3111
14	22356069	rs4982681	4,119	A	G	0.4278
14	22396082	rs4982697	44,132	A	G	0.1389
14	22433377	rs4982704	81,427	A	C	0.2056
14	22473011	rs11157930	121,061	G	T	0.2444
14	22511019	rs1923	159,069	A	G	0.2389
14	22547433	rs8003201	195,483	A	G	0.0611
14	22589815	rs3764167	237,865	C	T	0.0667
15	42996064	rs397358	200,013	A	G	0.3944
15	43026616	rs1473003	169,461	C	T	0.2444
15	43041511	rs12913288	154,566	C	T	0.35
15	43087208	rs11635836	108,869	C	T	0.3389
15	43117488	rs4775709	78,589	C	G	0.0833
15	43132140	rs2467844	63,937	C	T	0.0778
15	43148303	rs28662287	47,774	C	T	0.2889
15	43172918	rs8024922	23,159	C	T	0.0556
15	43174842	rs199138	21,235	A	G	0.0556
15	43181698	rs269866	14,379	A	G	0.1
15	43183450	p.R885Q†	NA	C	T	NA
15	43186257	rs269862	9,820	G	T	0.0611
15	43192755	rs269856	3,322	G	T	0.0722
15	43196077	p.Y138X†	NA	-	A	NA
15	43198125	rs16977681	2,048	A	G	0.0833
15	43200964	rs175088	4,887	A	G	0.0778
15	43219098	rs2271435	23,021	G	T	0.3889
15	43243486	rs1648314	47,409	A	G	0.2278
15	43255918	rs1648306	59,841	C	T	0.3056

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Supplemental Data Table S3. Continued

Chromosome	Position	rsID	Distance from mutation (bp)	Ref	Alt	MAF*
15	43277353	rs1648298	81,276	A	G	0.2
15	43296616	rs1706828	100,539	C	T	0.1944
15	43317059	rs12439643	120,982	C	T	0.3778
15	43336557	rs10519018	140,480	C	T	0.0667
15	43356391	rs1706767	160,314	C	T	0.0667
15	43376050	rs17533116	179,973	C	T	0.0944
15	43388704	rs11636114	192,627	C	G	0.0667
3	137152375	rs16843560	376,807	A	G	0.25
3	137205821	rs4678435	323,361	A	G	0.25
3	137289501	rs3772390	239,681	A	G	0.1
3	137397166	rs9845457	132,016	A	G	0.1278
3	137443175	rs561307	86,007	C	T	0.2556
3	137458186	rs16843829	70,996	C	T	0.1667
3	137463363	rs2290131	65,819	C	T	0.3944
3	137471982	rs576771	57,200	C	T	0.1167
3	137489266	rs1279840	39,916	C	T	0.1111
3	137494525	rs16843892	34,657	A	C	0.1222
3	137510330	rs9856769	18,852	A	G	0.1056
3	137521958	rs518972	7,224	A	C	0.1333
3	137529182	p.Y439C [†]	NA	A	G	NA
3	137539551	rs696520	10,369	C	T	0.1278
3	137615395	rs7620314	86,213	A	G	0.1444
3	137701620	rs900048	172,438	C	T	0.1056
3	137754936	rs7621025	225,754	C	T	0.1056
3	137852400	rs4521165	323,218	C	T	0.1278
3	137927279	rs7616204	398,097	C	T	0.1444
7	94768327	rs854555	888,296	A	C	0.3833
7	94978512	rs3779489	678,111	A	T	0.1167
7	95185883	rs10499921	470,740	C	T	0.3722
7	95378275	rs184381	278,348	A	G	0.3056
7	95578271	rs10267710	78,352	G	T	0.4333
7	95595831	rs6465486	60,792	A	G	0.3333
7	95616338	rs3779486	40,285	C	T	0.3833
7	95638756	rs2301629	17,867	C	T	0.3944
7	95656623	p.R285Pfs*2 [†]	NA	CATA	-	NA
7	95677564	rs7807280	20,941	C	T	0.3833
7	95697492	rs12666465	40,869	C	T	0.3833
7	95717042	rs6465496	60,419	C	T	0.3333
7	95738206	rs35974282	81,583	C	T	0.4056
7	95757635	rs4729249	101,012	A	C	0.25
7	95777521	rs12669236	120,898	C	T	0.4167
7	95876313	rs17147518	219,690	A	C	0.1722

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Supplemental Data Table S3. Continued

Chromosome	Position	rsID	Distance from mutation (bp)	Ref	Alt	MAF*
7	96076707	rs6962528	420,084	A	G	0.0778
7	96278560	rs9655758	621,937	A	G	0.3
7	96477304	rs3213654	820,681	A	G	0.15
7	96671014	rs6967782	1,014,391	C	T	0.4833
9	34538009	rs4395980	101,491	C	T	0.4222
9	34559699	rs1556985	79,801	C	T	0.1444
9	34578006	rs6476455	61,494	C	T	0.4056
9	34590759	rs10972162	48,741	G	T	0.2111
9	34609621	rs10972168	29,879	A	G	0.2111
9	34615409	rs10972175	24,091	A	G	0.2278
9	34623529	rs11791806	15,971	C	T	0.3611
9	34627991	rs10814130	11,509	A	C	0.3722
9	34639500	p.R224Q [†]	NA	G	A	NA
9	34644142	rs3808868	4,642	G	T	0.3889
9	34647663	rs1104748	8,163	C	T	0.2111
9	34653138	rs2812365	13,638	C	T	0.2556
9	34659171	rs2812347	19,671	C	T	0.2556
9	34679695	rs2227302	40,195	A	G	0.15
9	34700450	rs2812377	60,950	A	C	0.4389
9	34720015	rs2812344	80,515	C	T	0.4333
9	34736896	rs2772525	97,396	A	G	0.4444
1	23895024	rs2280437	100,287	A	G	0.4778
1	23916572	rs985086	78,739	C	T	0.4111
1	23935574	rs10917420	59,737	C	T	0.4167
1	23956236	rs2076346	39,075	C	T	0.4056
1	23974667	rs11591202	20,644	A	C	0.2833
1	23978120	rs2502984	17,191	C	T	0.1
1	23986716	rs4237	8,595	A	G	0.3833
1	23990422	rs2502985	4,889	A	G	0.1
1	23995311	p.G302D [†]	NA	C	T	NA
1	23995573	rs760941	262	C	T	0.3889
1	24000451	rs12031592	5,140	A	C	0.3833
1	24004892	rs2256179	9,581	A	G	0.4167
1	24009132	rs2473375	13,821	C	T	0.4167
1	24020847	rs2473377	25,536	C	T	0.4167
1	24040606	rs12744386	45,295	C	T	0.4111
1	24054935	rs11803575	59,624	A	T	0.2833
1	24074230	rs2501431	78,919	A	G	0.4167
1	24094421	rs9424398	99,110	G	T	0.3278

*Minor allele frequency calculated using genotype data of 90 control individuals from the Korean HapMap; [†]Recurrent mutations (p.I166M in *SLC7A7*, p.Y138X in *DUOX2*, p.R885Q in *DUOX2*, p.Y439C in *PCCB*, p.R285Pfs*2 in *SLC25A13*, p.R224Q in *GALT*, p.G302D in *GALE*).

Abbreviation: NA, not applicable.