

Supplementary Table 1 Odds ratios (OR) adjusted for global ancestry and 95% confidence interval (95% CI) of non-diabetic (Non-DM) and diabetic (DM) ESRD for 14 MYH9 SNPs assuming three genotype-specific risks

genotype		Non-DM					DM				
SNP		OR	95% CI	P value ¹	P value ²	P value ³	OR	95% CI	P value ¹	P value ²	Pvalue ³
rs7078	GA	0.84	(0.34,2.06)	0.70	1.24x10 ⁻⁶	0.70	0.57	(0.27,1.19)	0.13	0.04	0.13
	AA	1.67	(0.69,4.01)	0.25			0.76	(0.37,1.56)	0.45		
rs12107	AG	0.38	(0.12,1.23)	0.11	3.49x10 ⁻³	0.10	0.74	(0.22,2.50)	0.63	0.67	0.63
	GG	0.63	(0.2,1.99)	0.43			0.68	(0.21,2.24)	0.53		
rs735853	GC	1.07	(0.36,3.18)	0.90	3.14x10 ⁻⁴	0.90	0.77	(0.34,1.73)	0.52	0.63	0.52
	CC	2.02	(0.71,5.78)	0.19			0.71	(0.32,1.56)	0.39		
rs5756129	CT	1.34	(0.64,2.80)	0.43	2.71x10 ⁻⁵	0.42	0.62	(0.36,1.08)	0.09	0.22	0.09
	TT	2.25	(1.10,4.60)	0.02			0.70	(0.41,1.19)	0.19		
rs5756130	TC	0.92	(0.29,2.9)	0.89	4.64x10 ⁻³	0.89	0.54	(0.22,1.37)	0.20	0.43	0.19
	CC	1.46	(0.47,4.49)	0.51			0.56	(0.23,1.39)	0.21		
rs875725	TC	0.35	(0.03,3.91)	0.39	0.44	0.37	0.97	(0.06,15.81)	0.98	0.84	0.98
	TT	0.42	(0.04,4.59)	0.47			0.88	(0.05,14.16)	0.93		
rs4821480	TG	0.89	(0.58,1.36)	0.59	6.85x10 ⁻¹¹	0.60	0.69	(0.48,1.01)	0.05	0.14	0.05
	GG	1.99	(1.34,2.96)	7.16x10 ⁻⁴			0.72	(0.50,1.03)	0.07		
rs2032487	TC	0.95	(0.63,1.44)	0.81	1.90x10 ⁻¹⁴	0.81	0.63	(0.45,0.89)	0.01	0.02	0.01
	CC	2.32	(1.55,3.47)	4.71x10 ⁻⁵			0.77	(0.54,1.09)	0.14		
rs4821481	TC	0.85	(0.57,1.28)	0.43	1.24x10 ⁻¹⁴	0.44	0.61	(0.44,0.86)	0.49x10 ⁻³	0.02	0.005
	CC	2.11	(1.42,3.13)	2.24x10 ⁻⁴			0.73	(0.51,1.03)	0.07		
rs3752462	CT	1.23	(0.67,2.23)	0.50	1.91x10 ⁻¹⁰	0.50	0.67	(0.43,1.06)	0.09	0.18	0.09
	TT	2.53	(1.41,4.53)	1.80x10 ⁻³			0.77	(0.49,1.20)	0.24		
rs5756152	AG	1.56	(1.24,1.97)	1.66x10 ⁻⁴	1.09x10 ⁻¹¹	1.58x10 ⁻⁴	0.97	(0.78,1.22)	0.82	0.37	0.82

	AA	3.22	(2.29,4.51)	1.26x10 ⁻¹¹			1.27	(0.88,1.83)	0.20		
rs1005570	AG	1.27	(0.97,1.66)	0.08	2.59x10 ⁻¹³	0.08	0.93	(0.73,1.19)	0.58	0.16	0.58
	AA	2.86	(2.12,3.86)	4.73x10 ⁻¹²			1.21	(0.90,1.63)	0.20		
rs16996674	TC	1.75	(1.39,2.20)	2.22x10 ⁻⁶	3.21x10 ⁻¹⁴	2.06x10 ⁻⁶	1.11	(0.88,1.39)	0.38	0.09	0.38
	TT	3.96	(2.70,5.80)	1.57x10 ⁻¹²			1.57	(1.04,2.38)	0.03		
rs16996677	AG	1.63	(1.29,2.05)	4.06x10 ⁻⁵	5.48x10 ⁻¹⁴	3.83x10 ⁻⁵	1.05	(0.84,1.31)	0.67	0.09	0.67
	AA	3.82	(2.67,5.47)	2.21x10 ⁻¹³			1.53	(1.04,2.25)	0.03		

*odds ratio adjusted for global ancestry

P value 1 represents genotypic-specific p value derived from the Wald test using a general genetic model

P value 2 represents p value derived from the likelihood ratio test (LRT) comparing the general model with three-genotype risk model to the null model (all genotypic risks are constrained to be 1)

P value 3 represents p value derived from the LRT comparing the general model with three-genotype risk model to a two-genotype risk model (assuming recessive genetic effect)

Supplementary Table 2 Odds ratios (OR) adjusted for global and local ancestry and 95% confidence interval (95% CI) of non-diabetic (Non-DM) and diabetic (DM) ESRD for 14 MYH9 SNPs assuming three genotype-specific risks

SNP	Non-DM				DM			
	OR	95% CI	P value1	P value2	OR	95% CI	P value1	P value2
rs7078	0.73	(0.29,1.82)	0.50	5.52x10 ⁻⁵	0.57	(0.27,1.19)	0.13	0.04
	1.34	(0.55,3.27)	0.52		0.76	(0.37,1.57)	0.46	
rs12107	0.35	(0.11,1.15)	0.08	8.63x10 ⁻³	0.76	(0.22,2.54)	0.65	0.64
	0.55	(0.17, 1.76)	0.31		0.68	(0.21,2.25)	0.53	
rs735853	0.64	(0.20, 2.00)	0.44	0.25	0.71	(0.31,1.62)	0.41	0.42
	0.86	(0.27, 2.79)	0.81		0.60	(0.26,1.43)	0.25	
rs5756129	1.31	(0.63,2.74)	0.47	1.15x10 ⁻⁴	0.62	(0.36,1.08)	0.09	0.23
	2.12	(1.03,4.36)	0.04		0.69	(0.4,1.17)	0.17	
rs5756130	1.01	(0.32,3.18)	0.99	3.91x10 ⁻³	0.56	(0.22,1.4)	0.21	0.45
	1.60	(0.52, 4.95)	0.41		0.57	(0.23,1.42)	0.23	
rs875725	0.38	(0.03,4.24)	0.43	0.41	1.00	(0.06,16.39)	1.00	0.86
	0.46	(0.04, 5.09)	0.53		0.92	(0.06,14.81)	0.95	
rs4821480	0.83	(0.53, 1.30)	0.41	4.39x10 ⁻⁵	0.68	(0.46,1.01)	0.06	0.16
	1.68	(1.00, 2.84)	0.05		0.69	(0.43,1.11)	0.13	
rs2032487	0.87	(0.56,1.91)	0.54	1.13x10 ⁻⁷	0.64	(0.45,0.92)	0.02	0.02
	1.94	(1.17, 3.23)	0.01		0.80	(0.52,1.23)	0.31	
rs4821481	0.75	(0.49, 1.16)	0.19	6.19x10 ⁻⁸	0.62	(0.43,0.89)	0.01	0.02
	1.64	(1.00, 2.68)	0.05		0.74	(0.49,1.13)	0.16	
rs3752462	1.04	(0.56,1.91)	0.91	1.00x10 ⁻⁴	0.67	(0.42,1.07)	0.10	0.18
	1.80	(0.96,3.38)	0.07		0.77	(0.47,1.26)	0.29	
rs5756152	1.42	(1.12,1.81)	3.94x10 ⁻³	1.35x10 ⁻⁷	0.99	(0.78,1.25)	0.93	0.33
	2.71	(1.90,3.88)	4.45x10 ⁻⁸		1.31	(0.89,1.92)	0.17	
rs1005570	1.15	(0.88,1.52)	0.31	1.40x10 ⁻⁸	0.94	(0.73,1.21)	0.63	0.16
	2.38	(1.72, 3.29)	1.67x10 ⁻⁷		1.23	(0.9,1.69)	0.19	
rs16996674	1.61	(1.27,2.05)	9.06x10 ⁻⁵	5.1x10 ⁻¹⁰	1.12	(0.89,1.42)	0.33	0.08
	3.41	(2.29, 5.07)	1.59x10 ⁻⁹		1.62	(1.06,2.49)	0.03	
rs16996677	1.48	(1.16,1.88)	1.40x10 ⁻³	2.48x10 ⁻⁹	1.07	(0.85,1.35)	0.58	0.08
	3.21	(2.20, 4.67)	1.43x10 ⁻⁹		1.59	(1.06,2.37)	0.02	

*odds ratio adjusted for global and local ancestry

P value 1 represents genotype-specific p value derived from the Wald test

P value 2 represents p value derived from the likelihood ratio test (LRT) of comparing a three-genotype risk model to null model (all genotypic risks are constrained to be 1)

Supplementary Table 3. Adjusted odds ratio and 95% confidence interval comparing odds of having two copies of the at-risk alleles among non-diabetic ESRD to diabetic ESRD (case-case comparison)

SNP	Position	OR	95%CI	p-value
rs7078	35007860	1.55	(1.18,2.04)	1.67x10 ⁻³
rs12107	35007928	1.76	(1.29,2.39)	3.38x10 ⁻⁴
rs735853	35009161	2.07	(1.49,2.88)	1.37x10 ⁻⁵
rs5756129	35014038	1.64	(1.29,2.1)	7.21x10 ⁻⁵
rs5756130	35014277	1.60	(1.21,2.13)	1.11x10 ⁻³
rs875725	35021637	1.30	(0.92,1.83)	0.14
rs4821480	35025193	2.29	(1.79,2.94)	7.31x10 ⁻¹¹
rs2032487	35025374	2.19	(1.75,2.76)	1.46x10 ⁻¹¹
rs4821481	35025888	2.25	(1.8,2.82)	1.46x10 ⁻¹²
rs3752462	35040129	1.96	(1.55,2.47)	1.21x10 ⁻⁸
rs5756152	35042418	2.06	(1.51,2.82)	5.70x10 ⁻⁶
rs1005570	35045220	1.95	(1.53,2.48)	6.46x10 ⁻⁸
rs16996674	35056598	2.08	(1.47,2.94)	3.23x10 ⁻⁵
rs16996677	35057229	2.05	(1.49,2.83)	1.01x10 ⁻⁵

*odds ratio adjusted for global ancestry

Supplementary Table 4 Breslow-Day test of heterogeneity of association between MYH9 SNPs and ESRD case-control status by diabetes status (unadjusted)

SNP	Position	Breslow-Day P value
rs7078	35007860	0.21
rs12107	35007928	0.34
rs735853	35009161	5.38×10^{-4}
rs5756129	35014038	0.02
rs5756130	35014277	0.08
rs875725	35021637	0.74
rs4821480	35025193	1.21×10^{-5}
rs2032487	35025374	1.93×10^{-5}
rs4821481	35025888	3.32×10^{-6}
rs3752462	35040129	3.13×10^{-3}
rs5756152	35042418	0.18
rs1005570	35045220	0.38
rs16996674	35056598	0.52
rs16996677	35057229	0.16

Supplementary Table 5 Distribution of *MYH9* genotypes by non-diabetic ESRD case-control status and corresponding unadjusted OR and 95% CI, by status of ancestral background on chromosome 22q12 (0, 1 or 2 copies of the African ancestral chromosome)

0 copies of the African ancestral chromosome			
SNP	genotype	Controls	Cases
	GG	0	0
rs7078	GA	1	3
	AA	4	1
	AA	0	0
rs12107	AG	1	0
	GG	3	4
	GG	3	1
rs735853	GC	1	2
	CC	1	0
	CC	0	0
rs5756129	CT	0	3
	TT	4	1
	TT	0	0
rs5756130	TC	0	1
	CC	5	3
	CC	0	0
rs875725	TC	0	0
	TT	5	4
	TT	4	4
rs4821480	TG	1	0
	GG	0	0
	TT	17	8
rs2032487	TC	84	33
	CC	2	7
	TT	4	4
rs4821481	TC	1	0
	CC	0	0
	CC	2	2
rs3752462	CT	3	2

0 copies of the African ancestral chromosome			
SNP	genotype	Controls	Cases
	TT	0	0
	GG	4	4
rs5756152	AG	1	0
	AA	0	0
	CC	4	3
rs1005570	AG	1	1
	AA	0	0
	CC	4	4
rs16996674	TC	1	0
	TT	0	0
	GG	4	4
rs16996677	AG	1	0
	AA	0	0

*no odds ratios were estimated due to the sparse cells

Supplementary Table 5 (cont.) Distribution of *MYH9* genotypes by non-diabetic ESRD case-control status and corresponding unadjusted OR and 95% CI, by status of ancestral background on chromosome 22q12 (0, 1 or 2 copies of the African ancestral chromosome)

1 copies of the African ancestral chromosome						
SNP	genotype	Controls	Cases	OR	95% CI	P value
	GG	4	1	1.00		
rs7078	GA	38	14	1.47	(0.15,14.34)	0.74
	AA	63	35	2.22	(0.24,20.66)	0.48
	AA	1	2	1.00		
rs12107	AG	22	9	0.20	(0.02,2.55)	0.22
	GG	82	82	0.50	(0.02,2.63)	0.24
	GG	0	0	1.00		
rs735853	GC	49	18	--		
	CC	53	28	--		
	CC	4	2	1.00		
rs5756129	CT	31	12	0.77	(0.13,4.79)	0.78
	TT	68	33	0.97	(0.17,5.57)	0.97
	TT	0	0	1.00		
rs5756130	TC	18	6	--		
	CC	87	43	--		
	CC	0	0	1.00		
rs875725	TC	10	4	--		
	TT	94	46	--		
	TT	17	8	1.00		
rs4821480	TG	84	34	0.86	(0.34,2.18)	0.75
	GG	1	6	12.75	(1.31,124.36)	0.03
	TT	17	8	1.00		
rs2032487	TC	84	33	0.83	(0.33,2.12)	0.70
	CC	2	7	7.44	(1.25,44.19)	0.03
	TT	16	8	1.00		
rs4821481	TC	86	34	0.79	(0.31,2.02)	0.62
	CC	1	6	12.00	(1.23,117.41)	0.03

1 copies of the African ancestral chromosome

SNP	genotype	Controls	Cases	OR	95% CI	P value
	CC	6	2	1.00		
rs3752462	CT	76	32	1.26	(0.24,6.59)	0.78
	TT	23	16	2.09	(0.37,11.69)	0.40
	GG	68	33	1.00		
rs5756152	AG	34	16	0.97	(0.47,2)	0.93
	AA	0	2	--		
	CC	34	19	1.00		
rs1005570	AG	63	25	0.71	(0.34,1.47)	0.36
	AA	7	6	1.53	(0.45,5.23)	0.49
	CC	71	30	1.00		
rs16996674	TC	30	16	1.26	(0.6,2.65)	0.54
	TT	1	2	4.73	(0.41,54.2)	0.21
	GG	66	32	1.00		
rs16996677	AG	35	13	0.77	(0.36,1.64)	0.49
	AA	1	2	4.13	(0.36,47.2)	0.25

Supplementary Table 5 (cont.) Distribution of *MYH9* genotypes by non-diabetic ESRD case-control status and corresponding unadjusted OR and 95% CI, by status of ancestral background on chromosome 22q12 (0, 1 or 2 copies of the African ancestral chromosome)

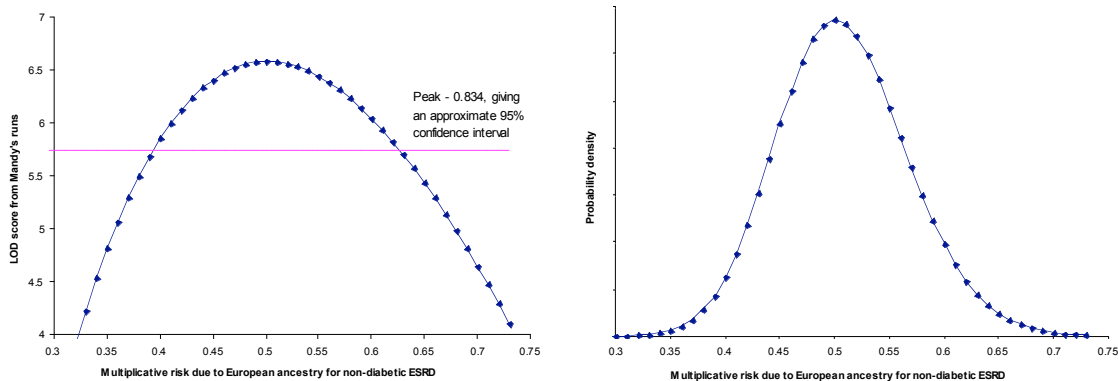
2 copies of the African ancestral chromosome						
SNP	genotype	Controls	Cases	OR	95% CI	P value
	GG	4	4	1		
rs7078	GA	101	61	0.60396	(0.15,2.5)	0.49
	AA	314	356	1.133758	(0.28,4.57)	0.86
	AA	3	1	1		
rs12107	AG	58	37	1.913793	(0.19,19.03)	0.58
	GG	352	376	3.204545	(0.33,30.84)	0.31
	GG	1	1	1		
rs735853	GC	25	18	0.72	(0.04,12.29)	0.82
	CC	382	373	0.97644	(0.06,15.67)	0.99
	CC	13	6	1		
rs5756129	CT	129	82	1.377261	(0.5,3.77)	0.53
	TT	276	327	2.567029	(0.96,6.84)	0.06
	TT	7	5	1		
rs5756130	TC	94	63	0.938298	(0.29,3.09)	0.92
	CC	315	350	1.555556	(0.49,4.95)	0.45
	CC	0	1	1		
rs875725	TC	55	45	--		
	TT	354	369	--		
	TT	16	14	1		
rs4821480	TG	102	60	0.672269	(0.31,1.47)	0.32
	GG	293	330	1.287177	(0.62,2.68)	0.50
	TT	17	14	1		
rs2032487	TC	151	89	0.715705	(0.34,1.52)	0.38
	CC	243	310	1.549089	(0.75,3.2)	0.24
	TT	17	15	1		
rs4821481	TC	162	101	0.706584	(0.34,1.48)	0.36
	CC	238	302	1.438095	(0.7,2.94)	0.32

2 copies of the African ancestral chromosome						
SNP	genotype	Controls	Cases	OR	95% CI	P value
	CC	8	9	1		
rs3752462	CT	129	85	0.585702	(0.22,1.58)	0.29
	TT	286	331	1.028749	(0.39,2.7)	0.95
	GG	180	133	1		
rs5756152	AG	184	184	1.353383	(1,1.83)	0.05
	AA	46	99	2.912717	(1.92,4.41)	4.5710 ⁻⁷
	CC	98	65	1		
rs1005570	AG	212	169	1.201887	(0.83,1.75)	0.33
	AA	104	182	2.638462	(1.78,3.92)	1.52x10 ⁻⁶
	CC	218	145	1		
rs16996674	TC	163	179	1.651026	(1.22,2.23)	0.001
	TT	30	79	3.95908	(2.47,6.33)	9.49x10 ⁻⁹
	GG	188	136	1		
rs16996677	AG	178	180	1.397885	(1.03,1.89)	0.03
	AA	39	97	3.43816	(2.23,5.3)	2.14x10 ⁻⁸

Supplementary Table 6

We were interested in understanding how the chromosome 22 locus contributes to non-diabetic ESRD in African Americans. Specifically, we asked: “If it were possible to reduce the prevalence of non-diabetic ESRD in African Americans, to what would be expected if everyone had inherited entirely European ancestry at the locus, what would be the change in incidence?”

We calculated a LOD score at the peak locus on chromosome 22, for 50 multiplicative risk models, ranging from 0.24 to 0.73 in increments of 0.01. The peak LOD is at 0.50, but we were also interested in a probability distribution, which we obtained by taking 10 to the power of the LOD score (figure below). The 95% confidence interval (the central 95% of the distribution, which is equivalent to the region where the LOD is within 0.834 of the maximum) is 0.39-0.63.



To calculate the effect on non-diabetic ESRD risk of the presence of African ancestry versus European ancestry at the chromosome 22 locus in the African American population, we compared the risk for non-diabetic ESRD averaged over all African Americans in the population (which has 16.9% European ancestry on average), to what would be expected if there was entirely European ancestry at the locus. The table below shows the calculation:

Supplemental Table 6: effect of chromosome 22 locus on non-diabetic ESRD prevalence in African Americans			
# African alleles	Frequency of genotype in population (estimated from controls, who have 17.1% European ancestry overall)	Increased risk compared to all European ancestry	Weighted risk (product of two columns on left)
0	2.9%	0.25	0.007
1	28.1%	0.5	0.140
2	69.1%	1	0.691
Total risk vs. a population of all African ancestry			0.838

From this calculation, we calculate that if it were possible to reduce the prevalence of non-diabetic ESRD to what would be expected if everyone had inherited

entirely European ancestry at the locus, the prevalence would be reduced to $0.25/0.838 = 30\%$ of its value in the population (a 70% reduction; corresponding to a relative rate of $0.838/0.250=3.3$). Using the 95% confidence interval of 0.39-0.63 for the ancestry risk and repeating the same calculation for the two bounds, the 95% confidence interval for the reduction is 19%-45%. This estimate accounts for much of the total excess risk of non-diabetic ESRD in African-Americans compared to Whites. A caveat is that the effect of this locus on non-diabetic ESRD risk is likely to be somewhat overestimated because of the “winner’s curse”: the phenomenon whereby the strength of a locus that happens to be genome-wide significant tends to be higher than its true value because of its ascertainment as the strongest signal from this particular genome-wide admixture panel. However, the signal of association at chromosome 22 is sufficiently strong that the locus would probably have been discovered even with a substantially smaller size.

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs819980	T/C	1	1510967	0.99222
rs897634	C/T	1	2858849	0.997254
rs2817159	A/G	1	3172565	0.991762
rs7548756	A/C	1	4080622	0.99405
rs12076190	A/G	1	5763305	0.997254
rs3007429	C/T	1	6485958	0.99405
rs873433	G/C	1	7575654	0.998627
rs1234694	A/G	1	9937586	0.967506
rs3765337	G/T	1	12276865	0.998169
rs2999896	C/T	1	13570501	0.999085
rs10803326	T/C	1	15018051	0.999542
rs4661630	G/A	1	15542976	1
rs4920311	C/G	1	18309297	0.997712
rs7522389	G/T	1	19718664	0.989931
rs908502	A/G	1	22946546	0.996796
rs2156087	C/G	1	23488887	0.999542
rs4908343	A/G	1	27615840	0.995423
rs6694545	A/G	1	30106361	0.998627
rs4949198	A/C	1	31350707	1
rs359955	A/C	1	32803867	0.998627
rs12058538	C/T	1	35154678	0.999542
rs7530031	C/T	1	37551253	0.998169
rs260972	C/T	1	39219303	0.990847
rs710232	A/G	1	41872247	0.997712
rs12410334	A/C	1	44111614	0.998169
rs667016	A/T	1	47723356	0.997712
rs10399937	C/T	1	53195452	0.997712
rs6663966	C/T	1	53782034	0.996339
rs1418978	C/T	1	56683745	0.995881
rs563921	A/G	1	57314404	0.981236
rs2984915	A/G	1	58965716	0.999542
rs2985879	T/C	1	59212774	0.963387
rs10789091	A/C	1	61153343	0.984897
rs596985	A/G	1	63989056	1
rs1158573	A/T	1	71979575	0.997254
rs6662385	C/T	1	72885596	0.999542
rs11210458	A/G	1	74590146	0.998169
rs10874142	G/T	1	80746801	0.98627
rs12067308	C/T	1	82677904	1
rs11161435	A/T	1	84918127	0.998627
rs974843	A/G	1	86727200	1

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs1334336	C/T	1	88104461	0.994508
rs236307	A/G	1	93794938	0.996796
rs290829	A/G	1	97163698	0.996796
rs947726	G/C	1	99572306	0.999542
rs1389383	A/G	1	99986691	0.978032
rs11164273	C/T	1	101882316	0.999542
rs4311917	A/C	1	107437785	0.998169
rs345275	A/T	1	108205845	0.998627
rs2003154	A/G	1	110462319	0.998169
rs2365669	A/G	1	112074687	0.985355
rs7523839	A/C	1	115885122	0.999542
rs798006	G/T	1	117057230	0.999542
rs10910821	G/A	1	143006107	0.996796
rs11240089	G/A	1	144285330	0.999542
rs10127622	G/T	1	148281133	0.995423
rs6662563	A/G	1	149286000	0.998169
rs12740969	A/C	1	151300133	1
rs2768744	A/G	1	153685222	0.994966
rs2814778	C/T	1	155987756	0.999085
rs1962508	A/C	1	158677077	0.999085
rs2806424	A/G	1	159423117	0.998169
rs6426893	T/C	1	161759000	0.994966
rs919679	T/C	1	162988820	0.997712
rs10918844	A/G	1	164904282	0.932265
rs9425309	C/T	1	169118347	0.999085
rs6686083	A/T	1	170684196	0.999542
rs10753143	A/G	1	173828898	0.998169
rs4652291	C/T	1	174760368	0.998169
rs10911170	C/T	1	179666579	0.999085
rs4631655	C/G	1	181092973	0.998169
rs726777	A/T	1	182604480	0.99222
rs6428291	C/G	1	186057994	1
rs1923949	A/G	1	189279367	0.999542
rs2506081	C/T	1	190832629	0.997254
rs1008984	C/T	1	195062228	0.994508
rs3006246	A/C	1	196763737	0.998169
rs1361903	A/G	1	198030491	0.999542
rs1774832	C/T	1	199700971	0.999085
rs7530895	A/G	1	199992413	0.994508
rs1553921	G/T	1	201170300	0.993593
rs1781022	A/G	1	204852990	0.993593
rs1340117	A/C	1	205219006	0.994508

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs979698	C/T	1	206085842	0.998169
rs723632	C/G	1	210448147	0.994508
rs2666839	A/G	1	211204619	0.999085
rs6604611	A/C	1	213043646	0.998169
rs779048	C/T	1	215499016	0.999542
rs2008602	A/G	1	216420713	0.99405
rs1110379	A/G	1	221407389	0.998169
rs493950	A/G	1	224913700	0.998627
rs6587361	A/G	1	226325783	0.999542
rs9661417	A/G	1	228691786	0.999542
rs701185	A/C	1	229654721	0.998169
rs2045520	G/T	1	230610704	0.999542
rs6586395	A/C	1	230955554	0.994966
rs630101	A/G	1	233098457	0.996796
rs2485579	A/G	1	233597673	1
rs10925911	T/G	1	236034353	0.991304
rs7525142	A/C	1	237068946	0.999542
rs9428863	A/G	1	237597268	0.999085
rs7520214	A/T	1	239393484	0.999085
rs562642	C/T	1	240756186	1
rs9725312	A/C	1	241364859	0.998627
rs6426327	T/C	1	242415852	0.999542
rs2387370	T/G	1	244473690	0.967963
rs6587761	T/C	1	245407811	0.998627
rs1996398	A/C	2	171196	1
rs11897977	A/G	2	1363732	0.993593
rs10165834	C/G	2	3183074	0.995881
rs825943	A/T	2	4295922	0.983066
rs9309717	A/G	2	5033361	0.995881
rs1852319	A/G	2	6203183	0.99222
rs12990806	C/T	2	7037687	0.985812
rs798443	A/G	2	7918873	0.998627
rs1344185	A/G	2	9240922	0.998627
rs1882646	A/G	2	10982386	0.997254
rs962646	A/G	2	12337858	0.999542
rs311992	G/T	2	13442666	0.996796
rs2380549	A/G	2	14058476	0.999085
rs6733850	C/T	2	15881549	0.991762
rs810066	G/T	2	16811000	1
rs11676404	C/T	2	18291199	0.997712
rs921599	A/G	2	20712753	0.99405
rs7588415	T/C	2	21045289	0.999542

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs736442	C/T	2	21531921	0.999542
rs13025681	C/T	2	26660155	0.993135
rs7593448	C/G	2	27360944	0.999085
rs2631941	A/G	2	29892937	0.98627
rs6548031	A/C	2	30896322	0.977117
rs11124405	A/G	2	35099662	0.999542
rs11689624	C/G	2	36881404	0.998627
rs10203995	A/G	2	39076705	0.997712
rs3924521	A/G	2	45906832	0.998169
rs7582701	G/C	2	46462420	0.997254
rs1316521	C/T	2	49151793	0.999085
rs6545265	C/G	2	52378781	0.998627
rs4672145	T/C	2	56817815	0.998169
rs13409341	A/C	2	57839911	0.999085
rs4643526	A/G	2	61096302	0.998169
rs12622045	A/G	2	65767523	0.996796
rs2861060	A/T	2	66555000	0.998169
rs4267542	A/C	2	69142701	0.998169
rs3768641	C/G	2	72279845	1
rs3025991	C/T	2	74811462	0.985812
rs7557290	C/T	2	77424226	0.999542
rs17640561	G/T	2	78431705	0.998627
rs1444543	A/G	2	80585272	0.997254
rs4852696	C/G	2	83063299	1
rs1025104	C/T	2	86262322	0.998627
rs1320149	C/T	2	96915751	0.998627
rs11674146	A/C	2	104416629	0.998627
rs10171578	A/C	2	104724982	0.999085
rs700853	C/T	2	107812646	0.978947
rs260714	C/T	2	109021013	0.998627
rs13426054	A/G	2	111194197	0.999085
rs11890727	C/G	2	114383724	0.999542
rs1437430	A/C	2	117482567	0.989474
rs10191837	A/G	2	118681163	0.996796
rs287790	A/G	2	122093087	0.994508
rs6750983	A/G	2	122995486	0.999542
rs6733255	C/T	2	127378616	0.995881
rs1545216	A/G	2	129811353	0.999085
rs2625051	A/G	2	131346589	0.996796
rs218174	A/G	2	136492077	0.976201
rs4954540	C/T	2	138389237	0.997254
rs6705862	A/G	2	139227101	0.999085

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs7591743	A/T	2	143110500	0.965217
rs4662260	A/G	2	147183110	0.999085
rs1979038	A/G	2	149044630	0.998627
rs6733811	C/T	2	152371653	0.999085
rs723802	A/C	2	157501974	0.990389
rs12472133	C/T	2	158590538	0.997254
rs901303	C/T	2	163241954	0.988101
rs1676038	A/G	2	164075818	0.995881
rs1600148	A/G	2	168013254	0.997712
rs11678181	C/G	2	169284880	0.999542
rs10930443	C/T	2	171545343	0.997254
rs12466967	A/C	2	174169587	0.995423
rs13000048	T/G	2	178162596	0.999085
rs256550	C/T	2	190570244	0.999085
rs2271767	C/T	2	192104833	0.996339
rs6710083	G/T	2	192598098	0.999085
rs6748661	A/G	2	195508346	0.996796
rs6434811	C/T	2	196691926	0.974828
rs920249	A/C	2	201137835	0.997712
rs10932088	A/G	2	205537917	0.997712
rs7573626	A/G	2	206169372	0.998169
rs1362663	A/C	2	206595095	0.999542
rs288079	A/T	2	210260982	1
rs1473636	C/T	2	212707696	1
rs920525	A/G	2	213812201	0.998169
rs11894175	C/T	2	215052530	0.997712
rs3755152	A/G	2	216647703	0.997254
rs16859382	A/G	2	219519361	0.997254
rs2385622	C/T	2	220525617	0.988558
rs6761192	A/G	2	222473394	0.993593
rs4674659	A/C	2	223187985	0.991304
rs744396	G/T	2	224396286	0.996339
rs6735031	A/G	2	230108815	0.999085
rs11690414	A/C	2	231433209	0.998627
rs1868929	C/T	2	232009096	0.999085
rs2215173	A/G	2	234637171	1
rs1027868	A/G	2	235038745	1
rs935925	G/T	2	236996545	0.999542
rs6747043	C/G	2	238116251	1
rs907109	C/T	2	239348309	0.98032
rs12471078	C/G	2	240715255	1
rs7420176	A/G	2	242721029	0.996796

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs4684404	T/C	3	412533	0.999542
rs155412	A/G	3	1329463	0.999085
rs12638122	A/T	3	2751808	0.999085
rs7644488	A/G	3	3533481	0.996796
rs1352405	C/G	3	3887946	1
rs11130135	A/G	3	4784618	0.989474
rs1811510	G/T	3	5750231	0.998169
rs9825026	A/G	3	9092788	0.979405
rs638107	C/G	3	10473198	0.999085
rs11719375	C/T	3	10681597	0.990847
rs7627605	A/G	3	12374270	0.997712
rs3762721	C/T	3	13870807	0.996339
rs6442608	C/T	3	16563277	0.998169
rs7652410	T/C	3	22008145	0.999085
rs1349265	A/G	3	24134391	0.998169
rs6763642	A/G	3	26724657	0.999085
rs2197896	A/G	3	30007534	0.999085
rs7619670	A/G	3	31361236	0.996796
rs9838282	A/C	3	35889593	0.998627
rs6550406	T/A	3	36193079	0.990389
rs1122818	A/G	3	39116100	0.997712
rs3821372	T/C	3	39523375	0.999085
rs4687591	T/C	3	53839447	0.999085
rs9856661	A/C	3	54052296	0.999542
rs9825091	C/T	3	56771066	0.998169
rs9811612	C/G	3	59175320	0.994966
rs1562521	C/T	3	60854734	0.995423
rs7622872	A/G	3	61277754	0.998627
rs833660	C/T	3	62527834	0.999542
rs13093187	A/G	3	64487122	0.997712
rs12635307	A/C	3	66603496	0.998627
rs1288980	A/G	3	71188553	0.959268
rs11721278	A/T	3	72676000	1
rs682415	T/C	3	74382798	0.999542
rs1027402	A/G	3	76435516	0.998627
rs1494255	A/G	3	87531066	0.984897
rs9784387	C/T	3	98410453	0.995881
rs2623382	C/T	3	100550148	0.999085
rs12489482	A/G	3	106062098	0.999085
rs1163447	A/C	3	110539441	0.999085
rs1477844	C/G	3	112312521	0.99405
rs9288952	A/G	3	113667715	0.998169

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs6806816	A/G	3	116691828	0.999085
rs7431707	C/T	3	117464606	0.978032
rs12695349	T/C	3	118639153	0.973455
rs1909808	C/T	3	123808157	0.997712
rs1254401	C/G	3	124836431	0.998169
rs735739	A/C	3	127476231	0.995423
rs2811337	C/G	3	131065582	0.999542
rs1027858	A/C	3	131785884	0.992677
rs4955503	A/G	3	136019145	1
rs641320	T/C	3	139830655	0.999542
rs7645419	A/C	3	141357292	0.997712
rs3796259	C/T	3	142461619	0.998627
rs12497227	G/T	3	145043228	0.995423
rs7641230	C/G	3	145976480	1
rs7646807	A/G	3	149664564	0.910297
rs6800064	C/T	3	152409466	0.995881
rs1439013	C/T	3	154064689	0.999085
rs181696	A/G	3	156748806	0.998627
rs6796127	A/G	3	157597600	0.995423
rs1978831	A/T	3	160796348	1
rs6803163	C/T	3	169410958	0.998627
rs9290364	A/G	3	170477884	0.999542
rs9647366	G/T	3	172568426	0.976201
rs13099104	G/T	3	174130869	0.999085
rs9868994	C/T	3	176215783	0.997712
rs6802083	G/T	3	176884416	0.996339
rs1978396	A/G	3	179085862	0.998627
rs2567648	C/G	3	182441386	0.999085
rs9834934	C/T	3	187204374	0.995423
rs9823203	A/C	3	188357343	0.999085
rs3846193	G/T	3	190150867	0.999542
rs6793627	C/T	3	190527001	0.986728
rs7624080	C/T	3	192069680	0.997254
rs7653308	C/T	3	193645753	0.998169
rs4677637	A/G	3	195956225	0.996796
rs6782303	A/G	3	199134546	0.994508
rs6827536	C/T	4	3716460	0.999085
rs3821920	A/T	4	5459672	0.999542
rs3774883	A/G	4	5944669	0.998627
rs4689327	C/T	4	6188748	0.997712
rs17728492	C/G	4	6895942	0.999085
rs4696778	G/C	4	8037379	1

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs4552452	A/G	4	10100592	1
rs4697843	T/C	4	10772027	0.999542
rs6825164	G/T	4	12118100	0.989474
rs758973	A/C	4	13215642	0.99405
rs2872795	A/G	4	17006650	1
rs2724478	G/C	4	17731408	0.999085
rs9291432	T/C	4	21656772	1
rs7689639	A/G	4	25251806	0.999085
rs6842695	C/T	4	25537628	0.998627
rs2007586	A/G	4	26244492	0.886041
rs10517192	C/G	4	29453118	0.998627
rs2034371	T/C	4	32852430	0.999542
rs719776	C/G	4	33509226	0.998627
rs10049867	C/T	4	36090235	0.998627
rs1113837	C/G	4	41438579	0.896568
rs7695466	C/G	4	52933205	0.994508
rs1156180	A/C	4	55100097	0.978032
rs17081857	A/G	4	55884258	0.997712
rs4241633	A/G	4	60999414	0.98032
rs10032765	C/T	4	63551250	0.996339
rs1384720	A/C	4	65104415	0.998627
rs7663168	G/T	4	67166380	0.998627
rs7689609	A/G	4	72448409	0.999542
rs4694666	C/T	4	75432877	0.999542
rs7664889	G/T	4	77444883	0.995881
rs7669299	A/G	4	78804323	0.998169
rs7687681	T/G	4	80241595	0.994966
rs1712373	C/T	4	82512488	0.999085
rs9968403	C/T	4	83805120	0.999542
rs10030779	C/T	4	84700743	0.993593
rs2178603	T/C	4	85447928	0.997712
rs2725267	C/T	4	89373354	1
rs6814827	G/T	4	91697846	1
rs10003577	G/C	4	95677257	0.999542
rs6827097	A/G	4	99614458	0.999085
rs755961	A/G	4	102557044	0.998627
rs7662047	A/G	4	103448908	0.984897
rs7657799	G/T	4	105733027	0.999085
rs7440570	G/C	4	110743640	0.999542
rs2282787	A/G	4	111288398	0.998169
rs1147588	A/G	4	112333504	0.901602
rs12503758	A/T	4	114206646	0.999085

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs1525760	C/T	4	117492984	0.997712
rs11934975	C/T	4	119658754	0.999542
rs6534487	T/C	4	126809579	0.999085
rs1216400	C/T	4	129869923	0.998169
rs10016932	A/G	4	131534512	0.995881
rs7694118	C/T	4	134426240	0.997254
rs1451115	A/C	4	137559494	0.998169
rs13118868	A/T	4	141171843	0.997712
rs10016497	A/G	4	141571827	0.999542
rs1872861	G/T	4	142113495	0.998627
rs11100741	C/G	4	143305151	1
rs2635256	T/G	4	149214558	0.999085
rs10016143	A/G	4	149973166	1
rs7692206	A/G	4	155464298	0.997712
rs2220061	C/T	4	156896899	0.994966
rs7683995	A/T	4	157353838	0.995423
rs11736805	T/C	4	159841009	0.960641
rs1434621	C/G	4	163007260	0.999542
rs6829588	A/C	4	165579576	0.999542
rs1530044	A/T	4	166785016	0.999085
rs2877558	A/G	4	172117946	0.999542
rs17056945	A/T	4	172790419	1
rs2217849	A/C	4	175376754	0.997712
rs13107001	A/G	4	176774736	0.998627
rs13146622	C/T	4	177202513	0.996339
rs2574904	T/C	4	178219717	0.997712
rs1377859	T/C	4	179124236	0.998627
rs2545258	A/G	4	182062741	0.999542
rs10011443	T/C	4	183319987	0.998627
rs1877289	C/G	4	184564564	0.998627
rs4861584	C/T	4	185240270	0.998169
rs983763	A/C	4	186356869	0.998627
rs7691485	T/G	4	186823625	0.999542
rs11736748	A/G	4	188417323	0.998169
rs954456	C/T	4	188841258	0.997712
rs6419955	C/T	4	189077709	0.999085
rs2272596	C/T	4	191237140	0.995423
rs4975732	A/T	5	1879075	0.998627
rs378257	A/G	5	2571738	0.999085
rs1565807	A/G	5	3018167	0.999085
rs585638	G/T	5	3993916	0.998627
rs11747238	A/G	5	4831369	0.998169

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs4143541	C/T	5	5778162	0.999085
rs3733778	A/G	5	6544532	0.995881
rs170936	A/G	5	8211804	0.998169
rs6892396	A/G	5	10386138	0.999085
rs230066	A/G	5	13576834	1
rs6887662	A/T	5	14472552	0.998169
rs871722	C/T	5	17490494	0.998169
rs12109816	C/T	5	19786897	0.998169
rs13189619	A/G	5	21763249	0.998169
rs16893878	C/G	5	24768486	0.999542
rs7727623	C/T	5	28248480	0.996339
rs7735863	T/C	5	31522297	0.998627
rs7714189	C/T	5	31786103	0.995881
rs35397	G/T	5	33986873	0.999085
rs40030	A/G	5	36212631	0.999542
rs930072	C/T	5	36701828	0.998169
rs4869577	C/G	5	38254937	0.997254
rs12657366	C/T	5	39207788	0.998169
rs6883840	A/G	5	40322167	0.999085
rs6881896	T/C	5	55508312	0.968421
rs6883485	A/T	5	57015013	0.999542
rs16889892	C/T	5	58814133	0.993135
rs10059859	C/T	5	59267064	0.998627
rs7712760	A/G	5	64075218	0.999542
rs1428473	A/G	5	66589316	0.996339
rs33347	C/T	5	68010277	0.999542
rs874973	A/G	5	72773651	0.998627
rs13357495	A/G	5	73121422	0.998169
rs4296785	C/T	5	75746539	0.999085
rs7712675	A/T	5	76174323	0.996339
rs4455545	G/T	5	77675361	0.979863
rs16877749	A/C	5	79706997	0.999085
rs6452419	A/C	5	80907158	0.997712
rs6895226	C/T	5	82150859	0.993593
rs2964881	A/T	5	85709177	0.997712
rs301719	C/G	5	88268671	0.999542
rs1983366	C/G	5	90133069	0.998627
rs10474347	A/G	5	90602254	0.998169
rs6556871	C/T	5	94804531	0.998627
rs4703161	T/G	5	100970354	0.997712
rs294152	T/C	5	104486852	0.998627
rs4631225	A/G	5	108840383	0.938673

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs313617	A/G	5	109845448	0.999542
rs2416309	A/T	5	112600473	0.997712
rs1382342	A/C	5	115589027	0.998627
rs7445113	C/G	5	117067817	0.999542
rs11951498	C/T	5	119471746	0.995881
rs10041728	A/G	5	121164880	0.999542
rs718359	C/T	5	123736936	0.987643
rs1478446	C/T	5	127599798	1
rs30533	C/T	5	132122873	0.986728
CV25637683	A/T	5	132584331	0.998169
rs261532	G/T	5	138929546	1
rs33957	A/C	5	141908017	0.999542
rs17099475	C/T	5	142138783	0.998169
rs6883434	A/G	5	145020090	0.982609
rs4513684	A/C	5	147632278	0.998627
rs4705411	C/T	5	149411218	0.998627
rs6869603	C/T	5	150123042	0.972082
rs1462110	C/G	5	152632939	0.998627
rs4478303	A/G	5	155417547	0.989474
rs17057017	C/T	5	159062695	0.995881
rs4551093	C/T	5	162585405	0.999542
rs1909593	T/C	5	165556477	0.998627
rs12522225	A/C	5	167205850	0.999085
rs155239	C/T	5	169098506	0.998169
rs1035414	A/G	5	169858373	0.997712
rs1107776	A/C	5	171955921	0.997254
rs4868232	C/G	5	172332844	0.999542
rs12514977	C/T	5	173668113	0.941419
rs7729084	A/C	5	174314186	0.998627
rs6556222	A/T	5	175110027	0.984897
rs6422347	C/T	5	177795689	0.996796
rs11951895	C/T	5	178606521	0.992677
rs670902	C/T	5	180147459	0.998169
rs10313	A/G	5	180615011	0.999542
rs736864	G/T	6	131221	0.999542
rs6597398	A/G	6	925237	0.969336
rs7775219	C/T	6	3222297	0.995423
rs2326248	A/G	6	3632313	0.999542
rs1265328	A/G	6	4713690	0.999542
rs2224391	T/G	6	5205935	0.989016
rs1323200	C/T	6	5814353	0.998627
rs3024354	G/T	6	6237429	0.933638

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs4276549	A/G	6	8825098	0.997712
rs6456591	T/C	6	10751821	0.999542
rs209814	C/G	6	12059847	0.998169
rs2504914	A/G	6	12715027	0.989931
rs579240	A/G	6	13467310	0.996796
rs857455	T/C	6	14788086	0.999085
rs7770341	T/G	6	16276393	0.996796
rs7760407	A/C	6	20550287	0.950114
rs303016	C/T	6	25247443	0.984897
rs11966360	A/G	6	26424961	0.897483
rs11962335	A/C	6	35549145	0.997712
rs2181243	C/T	6	39330978	0.998169
rs619572	A/G	6	42425545	0.998627
rs1334601	C/T	6	43761383	0.999542
rs7757763	A/C	6	44093820	0.999085
rs927485	A/G	6	44646117	0.998627
rs10948308	C/G	6	46857996	0.997712
rs243123	C/T	6	48741548	1
rs6577	G/T	6	52723374	0.997712
rs7766458	A/C	6	54248087	0.999085
rs9475487	A/G	6	55933810	0.993135
rs9444618	C/T	6	64938782	0.998169
rs2639291	C/T	6	71238734	0.998627
rs1619936	C/T	6	71655266	0.997712
rs1573057	C/G	6	73915151	0.999542
rs1341567	A/C	6	76684896	0.998627
rs613998	A/G	6	81256204	0.974371
rs1325471	A/G	6	84624394	0.989474
rs2179770	C/T	6	86888966	0.999542
rs1923416	C/T	6	89348510	0.994508
rs11963862	C/T	6	91828068	0.979863
rs222541	C/G	6	95287884	0.979863
rs197870	A/G	6	95613585	0.995881
rs211158	C/G	6	97129659	0.999542
rs7752055	C/T	6	106067405	0.998169
rs11966261	C/T	6	106409967	0.999085
rs4946888	A/T	6	108437987	0.998627
rs9386887	C/T	6	110754613	0.996339
rs706913	C/T	6	112160666	0.979863
rs1204797	C/T	6	116648240	0.996339
rs443149	A/G	6	121456469	0.999085
rs9320960	A/G	6	124139020	0.998627

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs1015247	A/C	6	124662213	0.997254
rs9491384	C/T	6	125673258	0.999085
rs774290	C/T	6	129086919	1
rs2286453	A/C	6	132039491	0.998627
rs9388989	A/G	6	132739275	0.999085
rs4507607	A/G	6	134451492	0.981693
rs1480642	C/T	6	136541221	0.997712
rs10872502	A/G	6	139443167	0.996339
rs4489173	C/T	6	143457111	0.996796
rs4896767	A/G	6	145352783	0.999085
rs362949	C/T	6	146694047	0.997712
rs11155751	A/G	6	151187493	0.999085
rs505358	A/G	6	151419962	0.999542
rs9397067	A/C	6	152012965	0.999542
rs4870209	A/C	6	154047709	0.974828
rs1017643	A/G	6	156886246	0.999542
rs2803358	A/G	6	158178337	1
rs2209247	A/G	6	161853401	0.995881
rs6455767	C/T	6	162118746	1
rs9458710	C/G	6	163392697	0.994966
rs686406	T/C	6	165900564	0.999085
rs2345674	A/G	6	167238537	0.997254
rs3055	C/T	6	169884144	1
rs745285	A/C	6	170455957	0.994966
rs6948971	A/G	7	1627504	0.994966
rs6977305	C/G	7	3716791	0.954233
rs7807841	T/C	7	6025698	1
rs1294631	A/T	7	7196637	0.998627
rs3823831	C/T	7	8013677	0.998627
rs2882524	A/G	7	9289163	0.996796
rs7798735	C/T	7	9919817	0.998627
rs6967267	A/G	7	12458241	0.999542
rs11771343	C/T	7	13048079	0.998627
rs1525091	C/T	7	14565903	0.997254
rs7810554	A/T	7	14914430	0.996796
rs37423	A/G	7	15561481	0.998169
rs4383884	A/G	7	18882944	0.999542
rs7783252	G/T	7	19741355	0.99222
rs2965404	C/T	7	21522742	0.999542
rs187985	A/G	7	23199472	0.995881
rs10480042	T/A	7	25578687	0.998169
rs2391223	T/C	7	25895181	0.997254

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs6461999	A/C	7	27054544	0.998169
rs7776819	A/G	7	28904002	0.996796
rs2107550	A/G	7	30691603	0.999542
rs2267739	C/G	7	30910137	1
rs2598392	A/G	7	33394139	0.998169
rs7810092	A/G	7	34169870	0.984897
rs17171649	A/T	7	39871715	0.990389
rs37268	C/T	7	41112220	0.998627
rs10264353	T/C	7	43094317	0.999085
rs260368	A/C	7	46236582	0.998627
rs12539620	A/G	7	48987183	0.997254
rs10270964	C/T	7	50663335	0.997712
rs6592995	C/T	7	52225975	0.997254
rs10225118	A/C	7	54798351	0.997712
rs17520733	A/G	7	70094440	0.999542
rs844684	A/C	7	70939648	0.999085
rs2110871	T/C	7	77725199	0.999085
rs35661326	C/T	7	78354894	0.99405
rs13237436	A/G	7	79520469	0.999542
rs1322849	C/T	7	81726190	0.993135
rs7802588	T/C	7	83132586	0.998627
rs7807771	T/C	7	84793614	0.998627
rs10488004	A/G	7	90402887	0.999542
rs9784907	A/G	7	92591107	0.994508
rs6465387	C/G	7	92798711	0.994508
rs2395018	C/T	7	98358537	0.99405
rs883403	A/G	7	98692629	0.995881
rs6466115	T/C	7	105705623	0.998169
rs17154865	C/T	7	107290240	0.999085
rs1525200	C/T	7	108053867	0.997254
rs10275038	A/G	7	111080977	0.998169
rs12533049	C/T	7	113996284	0.997254
rs10262976	A/C	7	117294188	0.944622
rs2141360	A/G	7	120654124	0.997254
rs683493	A/G	7	125399252	0.995423
rs350650	C/T	7	130174978	0.997712
rs4607549	C/G	7	130791604	0.999085
rs1450881	C/T	7	131289800	0.977117
rs1433391	C/G	7	131558772	0.999085
rs4728417	A/C	7	136597185	0.999542
rs7796821	A/G	7	136972046	0.999542
rs10954631	A/G	7	137996881	0.996339

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs2249070	A/C	7	138329600	0.998169
rs1985729	A/G	7	141147989	0.999085
rs802566	G/C	7	145393531	0.999085
rs344454	T/C	7	145839082	0.99405
rs975018	C/G	7	148941967	0.996339
rs11765596	A/G	7	150681740	1
rs11763144	C/G	7	150921544	0.997254
rs6464211	C/T	7	151311501	0.999542
rs520556	T/C	7	152141044	0.999085
rs10952443	C/G	7	152818126	0.979863
rs1861141	A/G	7	153498093	0.997254
rs4716933	A/G	7	155223663	0.999085
rs1922084	C/T	7	155542036	0.977574
rs1182381	C/T	7	156542949	0.997254
rs11995302	A/G	8	313502	0.996796
rs882119	A/G	8	1455875	0.994966
rs1455640	A/G	8	2306617	0.998169
rs4602918	C/T	8	2610476	0.998627
rs11136580	C/G	8	2970182	0.998627
rs11136757	A/G	8	4447323	0.974828
rs11990769	A/G	8	5041230	0.998627
rs1057187	T/G	8	6250491	0.945995
rs12544727	A/G	8	10287569	0.997254
rs6601548	C/T	8	10925506	0.991304
rs2948375	G/T	8	12791034	0.996796
rs1442534	A/C	8	13018978	0.994508
rs1480144	A/C	8	16181956	0.997712
rs1523643	A/G	8	16833606	0.997712
rs10503671	C/G	8	20031453	0.995423
rs10098971	A/C	8	21364794	0.995423
rs6558052	C/T	8	22329632	0.967963
rs926105	T/C	8	24776396	0.999085
rs1485747	C/T	8	25903790	0.982609
rs4732619	A/G	8	27933188	0.998627
rs4732942	C/G	8	29353437	0.999542
rs2938203	C/T	8	30250474	0.999085
rs1462906	C/T	8	32016134	1
rs4237080	T/C	8	34900051	0.990847
rs934649	A/G	8	35837839	0.998627
rs10958604	G/T	8	40132968	0.999542
rs2722459	A/C	8	40525616	0.999085
rs3763547	A/G	8	52974896	0.998169

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs7006934	A/G	8	54812636	0.999542
rs13439780	A/G	8	56506740	0.999542
rs10093645	C/T	8	59141359	0.994966
rs9792192	C/T	8	60148346	0.965217
rs1866694	A/C	8	62335222	0.999542
rs10957516	A/G	8	71281605	0.999085
rs11786868	C/G	8	77816500	0.998627
rs10957952	C/T	8	81104552	0.997254
rs999450	C/T	8	82058891	0.997254
rs1882852	A/T	8	91363305	0.998627
rs2978133	A/G	8	95164339	0.998627
rs3133745	A/G	8	96603982	0.998169
rs11996075	C/T	8	98979463	0.998627
rs6994682	C/T	8	101490974	0.997712
rs7824468	T/C	8	102094827	0.999542
rs2669425	C/T	8	105464759	0.998627
rs11986537	C/T	8	106949825	0.999542
rs17840659	T/C	8	111488705	0.999085
rs9297546	T/C	8	116891444	0.999085
rs17297109	G/C	8	122638614	0.997712
rs13251094	G/T	8	126594178	0.982609
rs7836147	C/T	8	126834504	0.998169
rs780321	T/C	8	127152877	0.997712
rs12543473	G/T	8	127850622	0.998169
rs4427136	A/G	8	128949021	0.998627
rs4367565	A/G	8	131607137	0.999542
rs1514626	T/C	8	132834923	0.998627
rs7831261	A/C	8	135416154	0.999085
rs4471082	T/G	8	138204459	0.992677
rs7017031	A/G	8	139619035	0.998169
rs28409472	C/T	8	140914343	0.995881
rs7011715	A/G	8	142488436	0.987185
rs6558387	A/C	8	144910578	0.991304
rs11248217	A/G	8	146139664	0.999085
rs16932430	A/C	9	334332	0.997254
rs10809101	T/C	9	1048914	0.999542
rs10964101	C/T	9	1933156	0.985355
rs7865808	A/G	9	2903620	0.998169
rs12378782	C/T	9	4321717	0.983524
rs913258	C/G	9	4867246	0.99405
rs7043596	C/T	9	5699530	0.999542
rs1500318	C/T	9	8351445	0.999085

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs449090	T/C	9	10053345	0.998627
rs10491949	A/T	9	11503866	0.995881
rs1331675	A/G	9	13167389	0.999542
rs10810130	A/T	9	14294973	0.999085
rs4741453	A/G	9	15075778	0.995881
rs10756782	A/C	9	16690514	1
rs2593404	C/T	9	17549393	0.999085
rs10811249	A/G	9	19822327	0.996796
rs2301550	A/G	9	20344796	0.994508
rs4977826	C/T	9	23117562	0.999085
rs7873820	A/C	9	24873179	0.998627
rs1412387	T/C	9	25568182	0.997712
rs439314	C/T	9	26369840	0.999542
rs4878586	C/T	9	27800414	0.999085
rs10757957	A/G	9	30466239	1
rs4879592	T/C	9	32687114	0.998627
rs3849903	A/G	9	33308588	1
rs10758409	C/T	9	36859256	0.997712
rs1887455	A/C	9	37478725	0.998627
rs1331473	T/C	9	68444280	0.998627
rs10780551	C/T	9	69508257	0.996796
rs1935338	C/T	9	71268720	0.995881
rs981197	T/G	9	73634385	0.998169
rs894823	C/T	9	77308083	1
rs6559415	T/C	9	78673409	0.999085
rs951577	A/G	9	82269663	1
rs7859549	A/G	9	85916539	0.998627
rs927524	A/G	9	87122154	0.998627
rs17054173	T/A	9	88349153	0.999085
rs774227	C/T	9	91273496	0.930892
rs10992623	C/T	9	92910203	0.999085
rs6477733	G/T	9	96704618	0.996339
rs7853312	T/A	9	98082189	0.998627
rs1932158	A/G	9	102089023	0.997712
rs942136	A/G	9	108165951	0.998169
rs7854368	A/G	9	111887196	0.997254
rs10759715	C/T	9	114356849	0.999542
rs10739459	C/T	9	115949437	0.994508
rs4144636	G/T	9	116842261	0.998169
rs10739560	C/T	9	120110398	0.999542
rs2488597	A/G	9	123071627	0.998627
rs3814134	A/G	9	124347243	0.984439

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs518116	A/G	9	126795290	1
rs590086	A/G	9	130373213	0.995423
rs1009249	C/T	9	130943617	0.984897
rs7041015	A/G	9	132323407	0.998627
rs2002962	C/T	9	133131169	0.996339
rs6537934	A/G	9	134737223	0.996796
rs5029224	T/C	9	137999636	0.998169
rs7860423	A/G	9	138231384	0.996796
rs816627	A/G	10	608409	0.999085
rs10794743	A/C	10	1401286	0.996339
rs10751868	G/T	10	2339357	0.999085
rs4881055	A/C	10	3043366	0.996339
rs2025163	C/G	10	4289104	0.976201
rs1341926	A/G	10	6334450	0.993135
rs2804126	T/C	10	7000618	0.997712
rs1149908	A/C	10	8193828	0.998627
rs1414090	T/C	10	9430541	0.997712
rs201113	C/T	10	11088270	0.985355
rs4623785	C/G	10	12784342	0.999085
rs2039014	C/T	10	14855085	1
rs1326207	A/G	10	15206911	0.99405
rs12247963	A/G	10	15875255	0.998627
rs12262718	A/G	10	17383712	0.999085
rs4406722	G/C	10	19941019	0.999542
rs7079790	A/G	10	21336969	0.989931
rs6482313	C/G	10	23984216	1
rs3808907	C/T	10	25282928	0.998627
rs796829	G/C	10	29153703	0.999542
rs7919137	T/G	10	31665395	1
rs2776937	A/G	10	33646195	0.998169
rs593992	C/T	10	34576055	0.999085
rs10764116	C/T	10	37279571	0.998169
rs10900107	C/T	10	44563177	0.996339
rs11239367	A/T	10	44967018	0.996796
rs11101394	C/T	10	49475222	0.998627
rs10761587	C/T	10	52319199	0.999085
rs1911414	G/T	10	55427222	0.996796
rs1733742	A/C	10	56518858	0.998627
rs12268117	A/G	10	57964665	0.988558
rs224136	C/T	10	64140681	1
rs10761835	A/G	10	65562077	0.999542
rs1904630	A/G	10	68768634	0.997712

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs10762276	C/T	10	70722475	0.998169
rs2394931	A/G	10	74336071	0.996339
rs7896396	T/C	10	77184781	0.998627
rs2913116	C/T	10	79698947	0.998169
rs570677	C/T	10	80292362	1
rs2207657	C/T	10	83592540	0.999085
rs7069367	C/T	10	84064956	0.998627
rs10788307	A/T	10	85776789	1
rs736141	C/T	10	86006470	0.993135
rs7895530	C/T	10	91577329	0.998627
rs6583810	A/G	10	94106213	0.999085
rs701851	A/G	10	95167692	0.999085
rs4532970	A/T	10	98623932	0.999542
rs10748736	T/C	10	100267789	1
rs670283	T/C	10	105917100	0.994966
rs10786930	A/G	10	108001243	0.988558
rs11193154	T/C	10	108744739	0.995423
rs2076974	C/T	10	111810301	1
rs11195536	T/C	10	113101768	0.990847
rs7908735	A/G	10	113962396	0.998627
rs11197469	C/T	10	117639876	0.996339
rs992528	A/T	10	118152572	0.999542
rs7908387	T/C	10	120818959	0.999085
rs10749372	C/T	10	122131177	0.994966
rs11200479	C/G	10	123957845	0.998169
rs6599662	A/G	10	124932796	0.998627
rs10764784	A/T	10	130206989	0.998627
rs1762430	C/T	10	131163189	0.995423
rs7100028	T/C	10	131538677	0.995423
rs4751330	C/G	10	132835434	0.988101
rs9418990	A/G	10	135226847	0.998627
rs7935419	T/C	11	668973	0.997254
rs800336	A/G	11	2429707	0.994508
rs10768634	C/T	11	5149986	0.999542
rs7947368	A/G	11	6543804	0.998169
rs1384508	T/A	11	7705050	1
rs10765838	A/C	11	11326144	0.999085
rs2403595	A/G	11	12341885	0.998627
rs6486270	C/T	11	15927515	1
rs4148636	C/T	11	17383939	0.996796
rs10833134	T/C	11	19584103	0.998169
rs1377740	A/G	11	21169866	0.995423

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs4378393	A/G	11	21560867	0.998627
rs1607559	C/G	11	23642182	0.999085
rs1561937	A/G	11	25541756	0.998169
rs12807847	A/G	11	26699252	0.997254
rs549272	A/C	11	30419686	0.998627
rs598264	T/C	11	30751301	0.999085
rs2553779	A/G	11	35033124	0.998627
rs10768140	A/C	11	35467483	0.999542
rs1030774	A/G	11	38454177	0.999085
rs1031763	A/G	11	39886885	0.999542
rs4631865	T/G	11	40810971	0.996796
rs10837800	A/G	11	42241041	0.999542
rs4752805	A/G	11	47974931	0.999085
rs2071168	C/G	11	61063505	0.996796
rs680273	C/G	11	64296211	1
rs10750836	C/T	11	68572099	0.998169
rs10793379	A/G	11	70408796	0.998169
rs7111814	A/G	11	72613473	0.982609
rs3740767	A/G	11	76379254	0.996339
rs3740677	A/C	11	77605684	0.999542
rs603295	A/T	11	78308496	0.998627
rs12289502	A/C	11	80077061	0.999542
rs6592183	A/G	11	83841203	0.998169
rs10792837	A/G	11	85583363	0.997712
rs585555	A/C	11	94053391	0.999085
rs1150349	A/G	11	95178426	0.997712
rs7125582	A/G	11	96053431	0.996796
rs1452673	A/C	11	96757835	0.999085
rs1442449	C/T	11	99671000	0.993135
rs527709	A/G	11	105756724	0.994966
rs647756	A/G	11	107040968	0.999542
rs566552	A/G	11	108726089	0.999085
rs4622301	A/C	11	110301295	1
rs6589360	A/T	11	112555502	0.995881
rs7934726	A/G	11	113415486	0.999542
rs2507874	A/C	11	114433145	0.999542
rs7103514	A/G	11	117325771	0.999085
rs647975	C/T	11	117543951	0.994508
rs12273026	A/G	11	119955531	0.99405
rs509334	A/G	11	120783128	0.999085
rs7952397	T/C	11	122562351	0.999085
rs1942662	A/T	11	124037710	0.998627

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs10893538	A/G	11	125927580	0.998627
rs2514895	C/T	11	126615393	0.999542
rs103610	A/C	11	130918629	0.998169
rs2226633	T/C	11	131825604	0.998627
rs6590705	A/C	11	132839732	0.999085
rs470713	A/G	11	133503108	0.998627
rs124440	C/G	12	202923	0.999085
rs7967165	C/T	12	950268	0.992677
rs11062437	A/G	12	2947460	0.995881
rs10744614	A/C	12	3425163	0.998627
rs11063488	T/G	12	5057090	0.977574
rs7303229	A/T	12	5540711	0.998627
rs3782711	C/T	12	6053442	0.994508
rs11064432	C/G	12	6839002	0.998169
rs10840686	C/G	12	8152917	0.983982
rs10845099	G/C	12	10312069	0.999542
rs1861482	A/C	12	11724925	0.999542
rs10772518	C/G	12	12017303	0.999542
rs850918	C/G	12	13033441	0.999542
rs7310891	A/G	12	14707830	0.997254
rs984303	A/G	12	15641658	0.997254
rs7967366	C/T	12	19079208	0.997254
rs10841722	A/G	12	21057358	0.999085
rs4350408	A/C	12	22043980	0.997712
rs4514479	G/C	12	23300566	0.999085
rs7307747	C/T	12	25389896	0.990389
rs7975017	C/T	12	26320060	0.998169
rs7963493	C/T	12	26526342	0.998627
rs299478	A/G	12	29598519	0.999085
rs4931655	A/G	12	32949329	0.994508
rs7978988	A/G	12	34288146	0.99405
rs11182432	A/C	12	42855115	1
rs2471601	A/C	12	45234926	1
rs7970314	A/G	12	46594441	0.999542
rs615382	A/C	12	48699178	0.998169
rs7306523	A/G	12	51680231	0.996339
rs11171526	A/T	12	54192728	0.999542
rs10876851	A/C	12	54471828	0.997712
rs899653	C/T	12	56170068	0.998169
rs7132009	A/G	12	58873307	0.994508
rs35445530	A/C	12	63541720	0.998169
rs11175885	A/G	12	64400897	0.998627

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs10878561	A/G	12	65791320	0.999085
rs918003	A/G	12	66562762	0.998627
rs10784930	T/C	12	70374571	0.999542
rs460406	A/G	12	71298182	0.999542
rs7967984	A/T	12	74600665	0.997254
rs10778691	A/C	12	78722356	0.998169
rs9651975	A/G	12	84153007	0.999085
rs388693	T/C	12	87675180	1
rs2731232	C/G	12	89076579	0.997254
rs7975526	C/G	12	93545307	0.998627
rs2242138	A/C	12	100251372	1
rs12820008	A/C	12	101654496	0.998627
rs6539244	T/C	12	104853569	0.971625
rs916682	A/G	12	110161866	1
rs11066430	C/T	12	111732317	0.999542
rs4767252	A/C	12	113650444	0.991304
rs1549338	A/G	12	114625336	0.998627
rs7969190	C/T	12	115433412	0.993593
rs4767461	A/G	12	115749701	0.997254
rs628644	A/G	12	116567644	1
rs280591	C/T	12	118753438	0.997254
rs4077055	A/G	12	120017143	0.996339
rs6486783	A/G	12	120836542	0.994966
rs1051431	A/G	12	122170683	0.997254
rs1070544	A/C	12	123701245	0.999542
rs2615667	C/T	12	124528328	0.998169
rs12304312	A/G	12	125374021	0.987185
rs12370733	A/T	12	126380251	0.996796
rs1560545	T/C	12	126829145	0.998627
rs1709704	C/G	12	127345394	0.999542
rs7397250	C/T	12	130716001	0.995881
rs11835531	A/G	12	131187811	0.999542
rs9551445	C/T	13	18884472	0.994508
rs9509008	A/G	13	19501778	0.998627
rs9510171	A/G	13	21858130	0.99405
rs4378490	A/G	13	24810035	0.991762
rs943724	A/G	13	26172270	0.999542
rs10459349	A/G	13	26684384	0.997712
rs7981680	C/G	13	27791870	0.998169
rs12100282	C/G	13	32351449	0.998169
rs1329667	A/G	13	33389838	0.999542
rs9531159	A/T	13	35368336	0.996796

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs9532218	A/C	13	37858370	0.998627
rs1572018	A/G	13	40613282	0.999085
rs9533771	A/G	13	43575599	0.999542
rs9534014	C/G	13	44445257	0.997712
rs9567896	T/C	13	47075122	0.997254
rs3751380	A/G	13	48049420	0.999542
rs7321057	C/T	13	50580015	0.987185
rs790325	C/T	13	56527759	0.996796
rs1622710	C/T	13	59004926	0.997712
rs4581589	G/T	13	63243106	0.995881
rs1020228	G/T	13	66274348	0.998169
rs11148886	C/G	13	71178521	0.999542
rs7333151	A/C	13	72517230	0.994966
rs8002907	A/C	13	73685238	0.998627
rs9530435	A/G	13	74891888	0.996339
rs3861128	C/T	13	76630334	0.921739
rs7332661	A/G	13	80264252	0.991762
rs9575430	C/T	13	83379843	0.975744
rs9515517	C/T	13	88498193	1
rs552157	A/G	13	90913783	0.995423
rs9788393	A/G	13	93042338	0.99405
rs7492028	C/G	13	96367097	1
rs285087	A/G	13	97543805	0.919451
rs987531	A/G	13	100203984	0.998627
rs2476230	C/G	13	101380444	0.994508
rs6491743	A/G	13	102859333	1
rs9582807	T/G	13	103578174	0.998627
rs11840893	A/C	13	104180092	0.999085
rs1999884	C/T	13	105078603	0.999542
rs913607	C/G	13	105708805	0.999085
rs7338078	A/G	13	106289769	0.999085
rs7989360	T/C	13	109137998	0.993593
rs9301448	C/G	13	109804081	0.997254
rs9522149	C/T	13	110625168	0.999085
rs1183183	A/C	13	110934706	0.998627
rs4907499	C/G	13	111827429	1
rs4630437	C/T	13	112998037	0.992677
rs3211416	A/G	13	114028356	1
rs1620265	G/T	14	20092673	0.999085
rs11156730	G/T	14	20407106	0.993593
rs6572731	T/C	14	22307675	0.987643
rs4982736	A/G	14	22698306	0.998627

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs8022613	C/T	14	23476758	0.995423
rs8015766	A/C	14	25047610	0.999085
rs1474965	A/G	14	25946860	0.999085
rs2332880	A/C	14	26494304	0.998627
rs12897779	A/G	14	31254168	0.996339
rs3784191	T/C	14	31993041	0.998627
rs1012023	T/G	14	33025960	0.998169
rs12891015	C/G	14	33911450	0.999542
rs1012913	A/G	14	36014397	0.932265
rs1956424	A/G	14	36601653	0.996339
rs6572174	A/G	14	42345547	0.998627
rs17115651	A/G	14	44385429	0.998627
rs1954231	A/G	14	46497850	0.998169
rs7146139	A/G	14	50320907	0.995423
rs1057804	A/C	14	51503805	0.999085
rs1888344	C/T	14	53398432	1
rs8009244	A/G	14	54713505	0.899314
rs7143380	A/C	14	55503022	1
rs8019850	C/T	14	56755187	0.995881
rs12897140	G/C	14	61031163	0.999085
rs2356515	C/G	14	62917974	0.998169
rs1953233	A/G	14	64642915	0.993593
rs2144061	A/G	14	66596315	0.996339
rs4899321	A/G	14	69431901	0.998169
rs6574072	G/C	14	71937086	1
rs8022535	C/T	14	75131136	0.998627
rs7157792	A/G	14	76422856	0.995423
rs987644	T/C	14	78313798	0.999085
rs221436	C/T	14	79204123	0.999542
rs1384631	A/G	14	84357757	0.977117
rs11159698	A/G	14	84835008	0.99222
rs1009799	A/G	14	86995711	0.999542
rs7141800	C/T	14	88874260	1
rs3825663	C/T	14	89499502	0.998169
rs8013195	A/G	14	90310700	0.990389
rs6575264	T/C	14	92054866	0.998169
rs8022629	A/G	14	94004861	0.998627
rs8015314	A/G	14	94508981	0.99222
rs2369049	A/G	14	95241604	0.999542
rs4905581	A/G	14	96671355	0.998627
rs1003229	C/T	14	97241370	0.976659
rs9323995	A/G	14	98240492	0.998627

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs1191022	A/T	14	99515059	1
rs10142224	C/T	14	105079690	0.997254
rs17112080	A/G	14	106303947	0.996339
rs6606825	A/C	15	20614243	0.992677
rs6576551	A/G	15	24027268	1
rs8042276	A/G	15	25367670	0.993135
rs1448484	A/G	15	25957036	0.998169
rs11070208	G/T	15	27102607	0.997254
rs2004657	C/T	15	27421806	0.996339
rs7173247	C/T	15	31246185	0.999542
rs480616	T/C	15	32057267	0.999542
rs1376785	A/G	15	32900002	0.995423
rs1037575	C/T	15	33527874	0.998627
rs8035530	C/T	15	36084358	0.99405
rs275187	C/G	15	37215985	0.989931
rs679882	C/T	15	38546639	0.996796
rs199138	A/G	15	43174842	0.999085
rs2675345	A/G	15	46187491	1
rs1873813	T/C	15	51082540	0.99405
rs16977374	A/C	15	55368884	0.999085
rs11071428	T/C	15	57402133	1
rs974828	C/T	15	58642847	0.999542
rs11071682	A/G	15	60740506	1
rs8033972	A/G	15	62312033	0.999085
rs7162991	T/C	15	66419366	1
rs4777126	C/T	15	67294514	0.996339
rs7402101	C/T	15	69841884	0.998627
rs3087652	T/C	15	70422957	0.99222
rs6495489	A/G	15	78409622	0.998169
rs4238528	A/G	15	79406760	0.997712
rs1905233	G/C	15	79630386	0.934554
rs8040248	C/T	15	82519409	0.999085
rs2859553	A/T	15	85301162	0.999542
rs7170666	T/C	15	86955970	0.998169
rs3844110	C/T	15	88315951	0.998169
rs977681	A/T	15	89583263	0.996339
rs6496858	A/G	15	90062853	0.978947
rs11630692	C/T	15	90791157	0.998627
rs1479828	A/G	15	92417738	0.991762
rs957703	A/G	15	93610134	0.998627
rs4451923	T/C	15	95740153	0.996339
rs2063275	C/T	15	97411591	0.999542

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs2581468	A/G	15	97929991	0.991304
rs2622530	A/G	15	98390477	0.995423
rs7175787	A/G	15	99216323	0.999542
rs4965814	C/T	15	99631440	0.997712
rs2562182	A/G	16	73946	0.983524
rs6500552	C/T	16	3699394	1
rs10775349	C/G	16	4019824	0.998627
rs12933048	T/C	16	5634379	0.999085
rs8061597	A/C	16	6245103	0.995881
rs4787040	A/T	16	7500981	0.999542
rs11077228	C/G	16	7797996	0.999085
rs9925564	A/G	16	9136557	0.997712
rs7204918	A/G	16	12823080	0.997254
rs1557519	C/T	16	14158804	0.985355
rs7187018	A/G	16	17107926	0.996796
rs739564	C/T	16	19647738	0.996339
rs4780278	A/G	16	20195479	0.998627
rs4783432	T/C	16	21858916	0.999542
rs1503949	C/T	16	22866185	0.996796
rs8045868	C/T	16	24872019	0.997712
rs1423076	C/G	16	26435032	0.999085
rs7203982	C/T	16	28862361	0.999085
rs8046826	A/G	16	46730882	0.993135
rs4785155	C/T	16	47561279	0.995881
rs9934908	C/T	16	50234093	0.996339
rs3912519	A/G	16	50440889	0.999542
rs4784375	A/G	16	52953863	0.996796
rs901439	A/G	16	53686238	0.999542
rs1787785	A/T	16	55899882	0.988101
rs6499886	T/C	16	56171159	0.997254
rs7191378	A/G	16	56672535	0.998169
rs7198976	C/G	16	58487027	0.997712
rs9925755	G/C	16	59426530	0.973913
rs6498910	T/C	16	62219139	1
rs3843712	C/T	16	65491654	0.997712
rs12444204	C/T	16	72040453	1
rs9928718	G/T	16	73634239	0.998627
rs7201030	A/G	16	75081293	0.998627
rs4516239	A/G	16	77004103	0.999542
rs9923225	A/C	16	77471501	0.997254
rs2287975	C/T	16	78107568	0.999542
rs4889024	A/C	16	78353697	0.991304

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs6564771	C/G	16	79199290	0.999085
rs4278742	T/C	16	80959798	0.990389
rs4782812	A/C	16	82121112	0.998169
rs8053934	C/G	16	82576092	0.989474
rs4280248	C/T	16	84619550	0.997254
rs1728390	C/G	16	84971560	0.950572
rs3922878	T/G	16	85412205	0.995881
rs4843607	T/C	16	85993724	0.997712
rs6500465	A/G	16	88680668	1
rs7208188	C/T	17	113034	0.979405
rs11872025	A/G	17	683710	0.998169
rs4790359	T/C	17	2578735	0.999542
rs11870382	A/G	17	3445855	0.99405
rs8070464	T/C	17	4459241	0.99405
rs9911673	T/C	17	5641682	0.996796
rs2287499	G/C	17	7532893	0.989931
rs4791367	A/G	17	9665099	0.992677
rs8075550	A/G	17	10967784	0.999085
rs237303	A/T	17	12376639	0.997254
rs4792286	T/C	17	12684478	0.999542
rs8080590	C/G	17	14171999	0.99405
rs4791595	T/A	17	14508979	0.998627
rs758857	A/G	17	15794982	0.996339
rs7223820	A/G	17	17211843	0.998627
rs4924980	C/T	17	19145456	0.998627
rs2958458	A/G	17	20655970	0.999085
rs8079412	A/T	17	26301240	0.995881
rs6505324	G/T	17	28354977	0.997254
rs7222177	C/T	17	29368497	0.999542
rs212498	A/G	17	29755162	0.99405
rs2735484	A/C	17	31358760	0.935469
rs6607358	T/C	17	32389367	0.947368
rs739753	A/T	17	33118390	1
rs2593595	A/G	17	38309771	1
rs7226263	A/G	17	42170068	0.995423
rs1910211	G/T	17	48878079	0.998169
rs3760281	A/G	17	51157210	0.993135
rs1019117	C/T	17	52103128	0.999085
rs884379	C/T	17	52758342	0.965675
rs7214631	C/G	17	55947947	0.999085
rs1427463	C/T	17	59923044	0.999542
rs719934	A/G	17	62430855	0.991762

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs8077384	C/T	17	63674826	0.998627
rs2430522	A/C	17	67204284	0.997712
rs16977110	T/C	17	67659465	0.993593
rs903104	C/T	17	68536297	0.999542
rs9896656	C/T	17	69286243	0.998169
rs1107704	A/G	17	70020020	0.998169
rs9899687	A/G	17	70869854	0.999542
rs9895309	A/G	17	71946569	0.998627
rs771722	A/G	17	72394995	0.989474
rs7218173	C/G	17	73184071	0.999085
rs8074370	A/G	17	74468926	0.997712
rs4969421	A/G	17	76925231	0.983982
rs568273	A/G	18	600157	0.998169
rs439890	C/T	18	3710081	0.994966
rs4797155	C/T	18	4251884	0.999542
rs2874686	C/T	18	5397839	0.999085
rs897351	G/T	18	6092146	0.996796
rs571324	A/G	18	7035121	0.997254
rs1893223	C/G	18	7599137	0.999542
rs629699	C/T	18	8825869	0.999085
rs1869735	C/G	18	9690456	0.999085
rs545056	G/C	18	10555281	0.998169
rs456908	C/G	18	11308729	0.999085
rs16976596	C/T	18	11686613	0.997712
rs3764962	A/G	18	18017009	0.994966
rs7243722	A/T	18	19997389	0.998169
rs2155771	T/G	18	24818125	0.999542
rs12960708	A/G	18	25692301	0.999542
rs4436849	A/C	18	28809444	1
rs550139	C/T	18	30978322	0.998627
rs647853	A/C	18	38442742	0.998627
rs684289	A/G	18	39220883	0.995881
rs11082588	C/T	18	43244969	0.993593
rs1877415	A/G	18	44303255	0.998627
rs9945724	C/T	18	44694487	0.999542
rs6508087	A/G	18	47551726	0.998627
rs529067	T/C	18	50107039	0.998627
rs11151970	A/C	18	52422369	0.994508
rs1942920	C/G	18	55790389	0.998627
rs758811	A/C	18	57154484	0.998627
rs9320033	C/T	18	59735962	0.999085
rs4377248	A/C	18	60013901	0.997254

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs17061875	A/G	18	61973673	0.979863
rs4891724	A/G	18	64961189	0.999542
rs4891384	A/G	18	65775534	0.997712
rs4891408	A/G	18	66375618	0.998627
rs634392	C/T	18	68367025	0.999542
rs1367345	A/G	18	69633470	0.997254
rs898487	A/G	18	71628874	0.997712
rs590218	A/G	18	72198871	0.998169
rs874299	C/T	18	73185272	0.989931
rs4798954	A/G	18	73939290	0.993135
rs483346	C/T	18	74817865	1
rs8110664	C/G	19	2834136	0.994966
rs6510761	T/C	19	3516909	0.993593
rs1865028	C/T	19	5966066	1
rs8106856	G/T	19	6322798	0.998627
rs308197	A/T	19	6786440	0.994508
rs10401786	A/G	19	7766764	1
rs8113531	A/G	19	9104893	0.998627
rs13346361	G/T	19	9561908	0.999542
rs399878	T/C	19	11295505	0.999542
rs2052474	A/G	19	11517995	0.991762
rs2900918	C/T	19	13366333	0.989474
rs2607276	G/T	19	13815633	0.97849
rs2242143	C/G	19	16162544	0.961556
rs901792	C/T	19	16652443	0.998627
rs12972417	C/T	19	17386314	0.995423
rs6511061	T/C	19	19915823	0.999085
rs1850930	C/T	19	21631302	0.999542
rs867815	C/T	19	34225922	0.999542
rs7259371	A/G	19	38226481	0.998627
rs562638	A/G	19	44541629	0.999542
rs2231738	C/T	19	45141888	1
rs873910	G/T	19	46776635	0.999542
rs1205817	C/T	19	47295616	0.992677
rs846870	C/T	19	49778186	0.999085
rs7255770	A/G	19	50531860	0.999085
rs2974190	C/T	19	52752878	0.999542
rs274883	A/G	19	53314357	0.987185
rs1879266	C/G	19	54681872	0.994508
rs1626153	C/G	19	56477836	0.997254
rs8112502	A/G	19	57315134	0.967506
rs3745099	A/G	19	57593717	0.98627

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs1650940	C/G	19	58199111	1
rs3826756	C/G	19	59106535	0.998169
rs890869	C/T	19	60324855	0.999085
rs3810168	C/T	19	60588521	0.959268
rs11673628	C/G	19	61314878	0.998627
rs2009609	C/T	19	62955811	0.996796
rs8109437	T/C	19	63644139	0.995881
rs2077713	A/G	20	166783	0.997712
rs554362	T/C	20	850002	0.993593
rs1418032	C/G	20	2025744	1
rs16990309	T/C	20	4784440	0.999085
rs6133313	A/C	20	6355326	0.999085
rs2294306	A/G	20	7817025	0.998627
rs1883488	C/T	20	9353752	0.999085
rs2207102	G/T	20	11244026	0.998169
rs646814	C/T	20	12939536	0.991762
rs2876410	A/G	20	15502753	0.998169
rs6046024	C/T	20	19294184	0.998627
rs2064949	A/G	20	19756654	0.999542
rs1203915	C/T	20	22520504	0.998627
rs1743488	C/G	20	23997674	0.998169
rs11905777	A/C	20	29655754	0.997712
rs880113	A/G	20	30591963	0.998627
rs4911320	G/T	20	31377692	0.997712
rs3092776	C/T	20	38136423	0.998627
rs6101991	A/G	20	38515722	0.979405
rs6029503	C/G	20	39053501	0.999542
rs730467	C/T	20	41334099	0.998627
rs7263518	C/T	20	42263105	0.982609
rs914828	C/T	20	45050724	0.997712
rs6018424	C/T	20	45420391	0.997712
rs2426057	C/G	20	46001243	1
rs768538	G/T	20	49467099	0.998169
rs1883999	C/T	20	50643470	0.997712
rs4811429	A/G	20	51458409	1
rs2426515	C/T	20	52506124	0.998169
rs1028546	C/T	20	53171407	0.994508
rs1821808	C/T	20	53979208	0.998627
rs2426641	A/G	20	54725667	1
rs1318379	A/C	20	55194692	0.97254
rs6015097	C/T	20	55856860	0.998627
rs580897	G/T	20	58108837	0.998627

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs16984321	A/G	20	58809363	1
rs2151512	A/G	20	60346890	0.983524
rs310644	C/T	20	61629948	0.995423
rs722098	A/G	21	15607469	1
rs9977149	A/C	21	15936071	0.999542
rs2823880	T/G	21	16850425	0.998627
rs2824687	C/G	21	18474680	0.988558
rs1487940	C/T	21	20525155	0.999085
rs9983989	A/T	21	24239640	0.998627
rs9977512	A/G	21	24556659	0.999542
rs380417	C/T	21	26194030	0.999542
rs2070398	A/C	21	29800235	0.992677
rs2284473	A/G	21	31450991	0.999085
rs2833775	G/T	21	32634146	0.997254
rs2834670	A/G	21	35202246	0.998169
rs718387	A/G	21	36049947	0.996339
rs2835367	C/T	21	36805244	0.989474
rs2836181	A/G	21	38477680	0.999085
rs1209914	A/G	21	39074242	0.999542
rs766850	A/G	21	41468687	0.994508
rs369908	A/G	21	41689003	0.99405
rs220245	C/T	21	42332241	0.997254
rs605781	C/T	21	43558435	0.959725
rs9306171	A/G	21	44283206	0.988101
rs9618000	A/G	22	16228268	0.999542
rs5992751	A/G	22	16454708	0.990389
rs362249	T/C	22	16984664	0.999085
rs444763	A/G	22	19767837	1
rs737796	G/T	22	20762604	0.996796
rs139676	A/G	22	23573319	0.972082
rs650276	C/T	22	25116790	0.998169
rs743920	C/G	22	27945682	0.986728
rs11703808	A/G	22	30349534	0.991304
rs4417800	A/G	22	32288344	0.999085
rs5999762	A/G	22	33924336	0.997712
rs739200	A/T	22	34756837	0.998169
rs932327	A/G	22	36229673	0.993593
rs12159761	C/G	22	37597141	0.997712
rs6002476	A/C	22	40493381	0.994508
rs9612037	C/T	22	42025266	0.997712
rs4823209	C/T	22	42986345	0.983982
rs6007220	T/C	22	43347041	0.998627

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs6007573	A/G	22	43995651	0.974828
rs1028528	A/G	22	46682809	0.998169
rs4824056	A/G	22	48248934	0.984897
rs6520141	A/G	22	48609206	0.996796
rs8142477	C/G	22	49301520	0.994508
rs6530109	A/G	X	4169198	0.996796
rs5948775	A/T	X	6338291	0.982151
rs5978365	A/G	X	9816188	0.994966
rs1474458	A/G	X	10806797	0.987185
rs1013549	C/T	X	11920721	0.994966
rs1007420	A/G	X	17405350	0.997254
rs5955757	A/G	X	19133496	0.99405
rs7889874	A/G	X	20193158	0.998169
rs9306764	C/T	X	21902011	0.998169
rs5926178	C/T	X	22735042	0.997254
rs5944257	A/G	X	25762033	0.998169
rs1482953	T/C	X	28613655	0.968421
rs6631456	G/T	X	31788314	0.999085
rs2336656	T/C	X	35851166	0.992677
rs7876845	G/C	X	36197205	0.998627
rs7054363	A/G	X	37645852	0.997254
rs12687359	A/T	X	39701849	0.997254
rs5917380	T/C	X	40297074	0.995881
rs1780838	C/T	X	45320574	0.998627
rs1936655	A/G	X	45822373	0.978947
rs1414370	A/C	X	63232776	0.999085
rs1408784	A/G	X	68409905	0.978032
rs5981317	C/T	X	74072365	0.999085
rs1015736	A/C	X	85494829	0.999085
rs12388812	G/T	X	87034552	0.998169
rs1198718	C/G	X	92278548	0.983982
rs319638	A/G	X	97023560	0.99405
rs1020903	A/G	X	98959539	0.999542
rs5962536	T/A	X	104530634	0.99405
rs647000	C/G	X	111861808	0.998169
rs5956063	A/T	X	117384262	0.999085
rs5957220	C/T	X	118624372	0.995881
rs2192257	A/G	X	119298785	0.998169
rs3761557	A/G	X	122041004	0.995423
rs171259	G/T	X	127191935	0.997254
rs909657	A/G	X	128509102	0.99222
rs926228	A/T	X	132447904	0.998169

Supplementary Table 7 Physical position and call rates for 1354 ancestry informative markers used in the admixture scan

SNP	Alleles	Chromo	Phy_Position	Call rate
rs6528455	C/G	X	136165726	0.997254
rs12687833	C/T	X	138567527	0.996339
rs6528890	A/G	X	140467747	0.996796
rs12389458	A/G	X	141419331	0.932723
rs5945496	C/G	X	143397449	0.996339
rs5920316	A/T	X	145612760	0.993593
rs12012275	A/G	X	147649275	0.99405
rs222415	C/T	X	149505004	0.997712
rs7054554	A/G	X	150935421	0.989474
rs5945413	A/T	X	153084598	0.988101
rs12557310	C/T	X	154299402	0.998169

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