

Gene	Size (kb)	<i>S</i>	Hotspots	
			African	European
AGTAP	18.543	63		2.406 – 3.406
ALOX5AP	32.08	134	2.409 – 3.909 8.409 – 10.659	8.909 – 10.409
ALOX12	16.822	57		
ALOX15	13.205	67	1.189 – 3.439	1.439 – 3.939
APOH	20.067	82	17.435 – 19.185	
CRF	9.929	22		
CYP4A11	13.598	69		
CAT	35.889	99	1.979 – 3.729	
CD36	29.120	88		19.520 – 22.520
CD9	40.587	96	5.643 – 6.643	
CKM	19.934	42		7.774 – 10.524
C3	45.277	193	3.212 – 4.212 13.462 – 16.212 36.212 – 39.212	3.212 – 4.212 27.962 – 28.962 36.462 – 39.212
CSF3R	18.436	65		
CSF2	5.700	15		
DCN	39.164	107	19.849 – 20.849	20.052 – 20.052
SELE	13.825	62		
F13A1	178.078	121	2.252 – 3.752	2.252 – 3.752 7.002 – 8.002 74.002 – 77.002 147.752 – 150.752
F3	16.372	33		
F5	74.814	216	36.130 – 39.130 42.630 – 45.630	32.130 – 34.630 41.630 – 43.130
F9	34.921	74	3.072 – 6.072	
F10	28.545	55		23.401 – 24.651
F12	10.148	26		
GP1BA	6.093	19		

Gene	Size (kb)	<i>S</i>	Hotspots	
			African	European
HABP2	39.238	194	13.351 – 14.351 15.351 – 18.351	15.071 – 18.071 28.821 – 29.821
IL11RA	9.732	16		
IL12RB2	91.363	136	0.634 – 3.634 8.634 – 11.634 21.634 – 24.634 55.884 – 56.884 87.634 – 90.134	1.384 – 2.384
ICAM1	16.739	30		
IFNAR1	33.935	94		
IFNGR1	32.499	46		
IFNGR2	35.946	62	10.451 – 13.451	28.451 – 29.451
IGF2AS	18.994	50		
CHUK	5.364	22		
NFKBIA	44.703	92	19.000 – 20.750	
IL10RB	35.634	143	15.090 – 15.340 29.340 – 31.340	2.356 – 3.856 14.356 – 15.356
IL15RA	35.153	131		0.122 – 1.122 26.122 – 27.122
IL16	20.028	62		15.172 – 16.172
IL17	6.158	22		
IL1R1	27.650	78	7.530 – 9.530 10.780 – 12.780	
IL1R2	22.455	106	17.082 – 18.082	17.332 – 18.332
IL1RN	19.178	101	15.149 – 16.649	
IL21R	25.504	58	5.310 – 6.310 7.560 – 10.060 13.560 – 14.560	3.560 – 4.810

Gene	Size (kb)	<i>S</i>	Hotspots	
			African	European
IL2RA	53.821	190	26.486 – 27.736	26.236 – 27.736 50.236 – 51.486
IL2RB	24.764	101	7.175 – 8.675	2.675 – 3.675
IL5RA	42.815	152		0.320 – 2.570 18.820 – 20.320 23.820 – 26.820
IL7R	22.893	103		
IL11	9.324	27		
IL20	6.030	13		
IL26	33.365	98	28.203 – 31.203	
IL4R	26.231	119		
IL9R	15.045	57	1.961 – 2.961	
IL6	7.498	28		
IRAK4	32.369	78	27.439 – 28.939	
ITGA2	104.312	236	8.860 – 11.860 25.860 – 27.360 100.110 – 101.110	8.598 – 9.598
ITGA8	206.133	145	0.107 – 2.607 112.357 – 114.107	0.357 – 3.107
JAK3	20.967	73		
MMP3	12.058	37	2.606 – 3.856	
MAP3K8	30.917	89		
NOS3	24.244	49		

Gene	Size (kb)	<i>S</i>	Hotspots	
			African	European
PLAUR	23.943	108	6.561 – 7.811 13.061 – 14.311 17.311 – 18.311 19.311 – 22.061	6.782 – 9.282
PLG	54.569	117	2.356 – 5.356	1.155 – 4.155
PLTP	17.934	31	11.493 – 12.743	11.743 – 12.743
PON1	28.959	104	5.062 – 6.562	5.312 – 6.312
PON2	30.882	85		
PPARA	82.267	96	23.836 – 26.836	
PPARG	148.541	121	142.553 – 145.553	145.800 – 146.809
SERPINA5	7.575	49	0.106 – 1.606	0.356 – 1.606
PROC	11.867	36		3.861 – 4.861
SELP	43.717	122	20.427 – 23.427 28.427 – 31.427	21.677 – 22.927
PTGS1	28.043	92	5.425 – 7.425	
RIPK1	39.985	87	12.337 – 13.837 33.337 – 34.337	
SELL	24.384	98	12.833 – 15.083	14.117 – 15.617
SFTPA1	23.895	114	11.052 – 12.552	
SFTPA2	17.274	105	12.706 – 15.206	12.706 – 14.956
SFTPB	9.741	27	1.163 – 4.163	1.663 – 2.663
STAT3	76.609	97	9.050 – 10.050 46.050 – 47.050 62.050 – 65.050	
STAT6	18.638	32		
TFPI	38.066	93		
THBS4	50.899	111		40.295 – 43.295
TIRAP	20.200	56		
TNFAIP2	15.510	45		
TNFRSF1A	15.115	34		

Gene	Size (kb)	S	Hotspots	
			African	European
TNFRSF1B	44.877	114	40.895 – 42.645	14.145 – 17.145 41.145 – 42.645
TRAF2	43.187	102	38.887 – 41.387	11.387 – 12.387 39.637 – 41.137
TRAF6	26.142	52		
TF	36.754	116		
TRPV6	26.679	102	8.777 – 11.527	
TTRAP	20.089	79	16.899 – 19.149	
TYK2	31.650	97		
VCAM1	22.293	54	12.375 – 15.375	12.125 – 15.125

Supplementary Tab. 1 Inferred Hotspots - single analysis of each population. Size is the amount sequence between the first and last SNP (inclusive), and S denotes the number of SNPs across both populations. Hotspot positions given in kb from the start of the region sequenced.

Gene	Hotspots		
	Both	African	European
AGTRAP	1.156 – 4.156		
ALOX5AP	2.159 – 5.159 8.659 – 10.409		
ALOX15	0.939 – 3.689		
APOH		17.435 – 19.185	
CYP4A11	1.458 – 2.708		
CAT	1.979 – 3.729		7.229 – 9.729
CD9		5.643 – 6.893	
CKM	7.524 – 10.524		
C3	3.212 – 4.212 13.462 – 15.462 36.212 – 39.212		27.962 – 28.962
CSF3R			7.093 – 10.093
DCN	19.599 – 21.099		
F13A1	1.752 – 4.002 6.752 – 9.752		74.252 – 75.752 147.502 – 150.502
F5	34.630 – 37.630 42.380 – 45.380		
F9	3.072 – 6.072		
F12	4.115 – 5.365		
HABP2	6.601 – 7.601 11.351 – 12.351 15.101 – 18.101	13.351 – 14.351	28.351 – 29.851

Gene	Hotspots		
	Both	African	European
I11RA	2.027 – 3.277		
I12RB2	0.634 – 3.634 19.884 – 22.384 55.884 – 56.884		33.634 – 36.134
ICAM1	10.948 – 13.948		
IFNAR1	20.324 – 21.574		
IFNGR1	26.986 – 29.986	1.986 – 3.236	
IFNGR2	11.451 – 14.451		27.451 – 30.451
NFKB1A		19.500 – 20.750	
IL10RB	14.340 – 15.590 29.340 – 31.340		2.090 – 3.090
IL15RA	25.334 – 27.334		0.084 – 1.084
IL16			15.172 – 16.172
IL1R1	7.530 – 9.530	10.780 – 12.780	15.780 – 18.780
IL1R2	17.082 – 18.082		
IL1RN	15.149 – 16.649		
IL21R	3.560 – 5.060 5.310 – 8.310 8.560 – 9.810 12.810 – 15.310		2.310 – 3.310
IL2RA	25.986 – 27.736 48.486 – 51.236		
IL2RB		7.175 – 8.675	
IL5RA	0.320 – 2.570 24.320 – 27.320	27.820 – 29.070	18.820 – 20.820
IL26	28.641 – 31.391		

Gene	Hotspots		
	Both	African	European
IRAK4		7.882 – 9.632 27.382 – 29.132	
ITGA2	8.348 – 11.348 54.098 – 56.598	26.098 – 27.098 100.098 – 101.098	1.598 – 3.348 59.598 – 62.598
ITGA8	0.857 – 3.857 75.357 – 77.107 112.107 – 115.107 189.607 – 190.607	49.107 – 50.607	
JAK3	6.539 – 9.539		
MMP3		2.856 – 3.856	
MAP3K8	10.006 – 12.756	7.006 – 8.006	
PLAUR	6.311 – 8.811 13.061 – 14.311 19.561 – 20.811	17.311 – 18.311	
PLG	2.356 – 5.356		
PLTP	11.493 – 12.993		
PON1	5.062 – 6.562		
PON2	8.679 – 10.179 27.929 – 29.429		
PPARA	73.086 – 76.086	23.836 – 26.836 34.586 – 35.586 48.086 – 49.836	
PPARG	139.053 – 141.803 146.553 – 147.803		
SERPINA5	0.106 – 1.606		
PROC	3.861 – 4.861		
SELP	20.677 – 23.677	28.427 – 31.427	
PTGS1	5.425 – 7.675		
RIPK1	12.337 – 13.587	33.337 – 34.337	
SELL	13.083 – 15.333		

Gene	Hotspots		
	Both	African	European
SFTPA1	11.052 – 12.552		
SFTPA2	12.456 – 15.206		
SFTPB	1.163 – 4.163		
STAT3		9.050 – 10.050 45.800 – 47.550 62.050 – 65.050	
THBS4			40.545 – 43.545
TNFRSF1B	14.645 – 17.395 40.895 – 42.645		
TRAF2	38.887 – 41.387		
TRAF6	0.609 – 3.609		
TF		10.857 – 13.857	
TRPV6		8.777 – 11.527	
TTRAP	16.899 – 19.149		
TYK2		1.687 – 4.687	
VCAM1	12.375 – 15.375		

Supplementary Tab. 2 Inferred Hotspots - Joint analysis. Hotspots are classified based on whether they appear in both, just the African or just the European populations. Hotspot positions given in kb from the start of the region sequenced. Only genes with at least one hotspot are shown.