

ADDITIONAL FILE 16: SUPPLEMENTARY TABLES

Genetic Determinants Of Anti-Malarial Acquired Immunity In A Large Multi-Centre Study

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This file contains **Additional Table ST10: Meta-analysis p-values obtained for 178 SNPs passing QC criteria detailed in materials and methods.** For each SNP-antibody association the genetic model that gave the lowest meta analysis p-value is given. NAs were generated if the MAF was <1% or the SNP was monomorphic at the majority of sites.

Additional Table ST10: Meta-analysis p-values obtained for 178 SNPs passing QC criteria detailed in materials and methods. For each SNP-antibody association the genetic model that gave the lowest meta analysis p-value is given. NAs were generated if the MAF was <1% or the SNP was monomorphic at the majority of sites.

rsnumber	gene	chr	coordinate	anti-AMA1				anti-MSP1				anti-MSP2				anti-(NANP) ₄			
				model	beta	95%CIs	p-value	model	beta	95%CIs	p-value	model	beta	95%CIs	p-value	model	beta	95%CIs	p-value
rs1803632	GBP7	1	89582690	recessive	-0.02	(-0.05 to 0.01)	2.03E-01	additive	0.01	(-0.01 to 0.03)	5.57E-01	dominant	0.01	(-0.02 to 0.04)	3.88E-01	dominant	0.02	(-0.02 to 0.06)	2.51E-01
rs2814778	DARC	1	159174683	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
rs2251746	FCER1A	1	159272060	hetero	0.01	(-0.03 to 0.04)	6.62E-01	additive	0.03	(0 to 0.06)	6.72E-02	additive	-0.02	(-0.05 to 0.01)	2.45E-01	recessive	0.11	(0 to 0.23)	5.25E-02
rs1801274	FCGR2A	1	161479745	additive	-0.01	(-0.03 to 0)	1.25E-01	dominant	-0.04	(-0.07 to 0)	3.58E-02	additive	-0.02	(-0.04 to 0)	3.36E-02	hetero	0.01	(-0.02 to 0.04)	5.99E-01
rs10127939	CD16	1	161518333	recessive	0.64	(-0.57 to 1.85)	2.98E-01	hetero	-0.03	(-0.08 to 0.02)	3.01E-01	hetero	-0.02	(-0.07 to 0.02)	3.20E-01	recessive	0.37	(-0.58 to 1.31)	4.44E-01
rs3024500	IL10	1	206940831	hetero	0	(-0.02 to 0.03)	8.66E-01	additive	0	(-0.02 to 0.02)	7.92E-01	hetero	0.02	(0 to 0.05)	6.49E-02	recessive	-0.03	(-0.07 to 0.01)	1.87E-01
rs1518110	IL10	1	206944861	additive	0.01	(-0.01 to 0.02)	5.92E-01	dominant	0.01	(-0.02 to 0.04)	5.21E-01	hetero	0.02	(0 to 0.05)	9.41E-02	hetero	0.02	(-0.01 to 0.05)	2.32E-01
rs1800872	IL10	1	206946407	additive	0.01	(-0.01 to 0.03)	5.35E-01	dominant	0.01	(-0.02 to 0.04)	5.48E-01	hetero	0.02	(0 to 0.05)	8.37E-02	hetero	0.02	(-0.01 to 0.06)	1.33E-01
rs1800871	IL10	1	206946634	recessive	0.01	(-0.03 to 0.05)	5.94E-01	dominant	0.01	(-0.02 to 0.04)	5.44E-01	hetero	0.02	(0 to 0.05)	1.01E-01	hetero	0.02	(-0.01 to 0.06)	1.40E-01
rs1800896	IL10	1	206946897	hetero	-0.02	(-0.05 to 0)	7.58E-02	hetero	-0.01	(-0.03 to 0.02)	6.57E-01	hetero	0.01	(-0.02 to 0.03)	5.99E-01	hetero	0.01	(-0.02 to 0.04)	5.38E-01
rs1800890	IL10	1	206949365	hetero	-0.02	(-0.04 to 0.01)	2.80E-01	hetero	-0.01	(-0.04 to 0.02)	5.73E-01	hetero	-0.01	(-0.04 to 0.02)	5.35E-01	hetero	-0.02	(-0.05 to 0.02)	2.75E-01
rs17047660	CR1	1	207782856	additive	-0.02	(-0.05 to 0)	6.37E-02	recessive	-0.03	(-0.09 to 0.03)	3.13E-01	additive	-0.03	(-0.05 to 0)	2.03E-02	dominant	0.03	(-0.01 to 0.07)	9.53E-02
rs17047661	CR1	1	207782889	dominant	-0.03	(-0.07 to 0.01)	1.94E-01	recessive	-0.01	(-0.04 to 0.02)	4.41E-01	additive	-0.01	(-0.03 to 0.01)	1.58E-01	dominant	0.02	(-0.04 to 0.08)	4.99E-01
rs17561	IL1A	2	113537223	recessive	0.02	(-0.05 to 0.09)	5.40E-01	dominant	-0.01	(-0.04 to 0.01)	3.25E-01	recessive	0.04	(-0.03 to 0.1)	2.39E-01	hetero	-0.01	(-0.04 to 0.03)	6.16E-01
rs1800587	IL1A	2	113542960	additive	-0.01	(-0.03 to 0.01)	3.41E-01	dominant	0.02	(-0.01 to 0.05)	1.47E-01	additive	0.01	(-0.01 to 0.03)	2.89E-01	dominant	0.01	(-0.02 to 0.05)	4.24E-01
rs1143634	IL1B	2	113590390	dominant	0.03	(0 to 0.06)	9.61E-02	additive	0.01	(-0.02 to 0.04)	4.56E-01	recessive	0.05	(-0.05 to 0.14)	3.19E-01	additive	-0.02	(-0.06 to 0.01)	2.34E-01
rs708567	IL17RE	3	9960070	hetero	0.02	(-0.01 to 0.04)	2.31E-01	recessive	-0.02	(-0.05 to 0.01)	2.29E-01	hetero	-0.02	(-0.05 to 0)	1.11E-01	recessive	-0.03	(-0.07 to 0.01)	1.87E-01
rs352140	TLR9	3	52231737	additive	-0.01	(-0.03 to 0.01)	2.20E-01	hetero	0.02	(-0.01 to 0.05)	1.06E-01	recessive	-0.01	(-0.04 to 0.01)	3.52E-01	dominant	-0.03	(-0.08 to 0.02)	2.64E-01
rs187084	TLR9	3	52261031	hetero	0.02	(-0.01 to 0.05)	1.73E-01	hetero	0.01	(-0.02 to 0.04)	3.61E-01	dominant	0	(-0.04 to 0.05)	9.05E-01	dominant	0.03	(-0.02 to 0.09)	2.08E-01
rs6780995	IL17RD	3	57138419	hetero	-0.02	(-0.05 to 0.01)	1.16E-01	recessive	0.01	(-0.02 to 0.04)	5.89E-01	recessive	0.01	(-0.02 to 0.04)	5.07E-01	recessive	0.03	(-0.01 to 0.06)	1.42E-01
rs4833095	TLR1	4	38799710	recessive	0.03	(-0.06 to 0.11)	5.26E-01	dominant	0.02	(-0.02 to 0.06)	2.75E-01	hetero	0.01	(-0.02 to 0.05)	4.30E-01	recessive	0.01	(-0.07 to 0.08)	8.86E-01
rs5743611	TLR1	4	38800214	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
rs5743810	TLR6	4	38830350	recessive	-0.35	(-0.84 to 0.13)	1.50E-01	hetero	0.05	(-0.02 to 0.12)	1.74E-01	dominant	0.03	(-0.03 to 0.09)	3.94E-01	additive	0.08	(-0.02 to 0.18)	1.26E-01
rs5743809	TLR6	4	38830514	hetero	-0.01	(-0.05 to 0.03)	7.78E-01	additive	-0.01	(-0.05 to 0.03)	5.51E-01	hetero	-0.01	(-0.05 to 0.03)	5.08E-01	hetero	-0.08	(-0.14 to -0.02)	1.41E-02
rs4073	IL8	4	74606024	hetero	-0.02	(-0.05 to 0.02)	3.27E-01	additive	0.01	(-0.01 to 0.04)	3.35E-01	hetero	0.02	(-0.01 to 0.05)	2.54E-01	hetero	0.01	(-0.03 to 0.04)	6.72E-01
rs6897932	IL7R	5	35874575	additive	0.02	(-0.02 to 0.05)	3.54E-01	additive	0.02	(-0.02 to 0.06)	3.27E-01	hetero	0.02	(-0.01 to 0.06)	2.24E-01	recessive	0.04	(-0.11 to 0.19)	5.91E-01
rs3194051	IL7R	5	35876274	recessive	0.01	(-0.04 to 0.07)	6.19E-01	recessive	0.06	(0.01 to 0.11)	2.64E-02	recessive	-0.01	(-0.06 to 0.04)	5.94E-01	recessive	0.04	(-0.02 to 0.1)	2.07E-01
rs1801033	C6	5	41199959	recessive	-0.03	(-0.07 to 0)	7.97E-02	hetero	0.04	(0.01 to 0.07)	7.97E-03	recessive	-0.02	(-0.05 to 0.02)	3.02E-01	dominant	-0.03	(-0.07 to 0)	8.09E-02
rs2289276	TSLP	5	110407507	recessive	0.11	(0.03 to 0.19)	6.24E-03	dominant	0.01	(-0.03 to 0.04)	7.16E-01	hetero	0.01	(-0.02 to 0.04)	6.95E-01	hetero	-0.02	(-0.05 to 0.02)	4.27E-01
rs3091336	IL3	5	131391749	dominant	-0.05	(-0.12 to 0.01)	9.48E-02	hetero	-0.02	(-0.05 to 0.01)	1.58E-01	hetero	-0.03	(-0.06 to 0)	3.59E-02	hetero	0.03	(-0.01 to 0.07)	9.69E-02
rs35415145	IL3	5	131396406	hetero	-0.03	(-0.1 to 0.04)	4.18E-01	hetero	-0.06	(-0.14 to 0.01)	9.95E-02	dominant	-0.04	(-0.11 to 0.02)	2.12E-01	additive	0.02	(-0.06 to 0.11)	5.60E-01
rs40401	IL3	5	131396478	dominant	-0.01	(-0.04 to 0.03)	6.44E-01	dominant	0.03	(-0.01 to 0.06)	1.23E-01	dominant	0.03	(-0.01 to 0.06)	1.19E-01	hetero	-0.01	(-0.04 to 0.02)	5.86E-01
rs13166954	IL3	5	131396709	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
rs31481	IL3	5	131397202	additive	-0.01	(-0.03 to 0.02)	5.66E-01	additive	-0.02	(-0.05 to 0)	8.05E-02	dominant	-0.02	(-0.04 to 0.01)	2.49E-01	additive	-0.01	(-0.04 to 0.02)	5.13E-01
rs168681	IL3	5	131402450	hetero	-0.01	(-0.04 to 0.02)	4.34E-01	recessive	0.07	(0.02 to 0.12)	3.61E-03	additive	0.03	(0.01 to 0.05)	8.42E-03	recessive	0.07	(0.01 to 0.12)	1.68E-02
rs2069614	CSF2	5	131407601	hetero	-0.03	(-0.06 to 0)	2.66E-02	additive	0.02	(0 to 0.04)	6.43E-02	additive	0.02	(0 to 0.04)	1.37E-02	hetero	-0.01	(-0.05 to 0.02)	4.61E-01
rs10072253	CSF2	5	131409768	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
rs25882	CSF2	5	131411460	recessive	0.03	(-0.01 to 0.08)	1.54E-01	hetero	0.03	(0 to 0.06)	4.74E-02	recessive	0.03	(-0.01 to 0.08)	1.50E-01	hetero	-0.01	(-0.05 to 0.02)	3.91E-01
rs25887	CSF2	5	131416061	dominant	-0.01	(-0.04 to 0.02)	5.66E-01	additive	-0.01	(-0.03 to 0.01)	3.01E-01	recessive	0	(-0.03 to 0.04)	8.02E-01	additive	-0.01	(-0.03 to 0.01)	4.47E-01
rs3805685	P4HA2	5	131528153	recessive	-0.09	(-0.21 to 0.03)	1.43E-01	recessive	-0.13	(-0.26 to 0)	5.85E-02	hetero	0.02	(-0.02 to 0.06)	2.57E-01	dominant	0.01	(-0.04 to 0.06)	7.62E-01
rs156029	P4HA2	5	131532634	hetero	-0.05	(-0.07 to -0.02)	9.68E-04	hetero	-0.03	(-0.06 to 0)	5.64E-02	dominant	-0.02	(-0.05 to 0.01)	1.58E-01	additive	-0.01	(-0.03 to 0.01)	4.16E-01
rs159903	P4HA2	5	131540053	recessive	0.06	(-0.01 to 0.13)	7.13E-02	recessive	-0.06	(-0.13 to 0.01)	1.07E-01	hetero	-0.01	(-0.04 to 0.01)	3.42E-01	recessive	-0.03	(-0.11 to 0.04)	3.82E-01
rs11955347	P4HA2	5	131567924	recessive	-0.01	(-0.05 to 0.04)	7.32E-01	additive	-0.02	(-0.04 to 0.01)	1.51E-01	additive	-0.01	(-0.03 to 0.01)	2.21E-01	recessive	-0.06	(-0.12 to 0.01)	1.05E-01
rs3900945	PDLIM4	5	131592870	dominant	-0.01	(-0.04 to 0.01)	3.40E-01	recessive	0.02	(-0.02 to 0.06)	3.97E-01	dominant	0.02	(-0.01 to 0.04)	1.96E-01	recessive	-0.03	(-0.07 to 0.01)	1.69E-01

rs10463891	PDLIM4	5	131597392	hetero	-0.01	(-0.04 to 0.02)	4.02E-01	recessive	0.03	(-0.01 to 0.07)	1.82E-01	additive	0.01	(0 to 0.03)	1.30E-01	recessive	-0.02	(-0.07 to 0.02)	2.49E-01
rs156112	PDLIM4	5	131610232	recessive	0.09	(0 to 0.19)	5.33E-02	recessive	-0.1	(-0.19 to 0)	4.36E-02	dominant	-0.02	(-0.05 to 0.01)	1.64E-01	recessive	-0.03	(-0.13 to 0.07)	5.68E-01
rs455649	SLC22A4	5	131649306	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
rs272893	SLC22A4	5	131663062	recessive	-0.02	(-0.04 to 0.01)	2.63E-01	additive	-0.02	(-0.04 to 0)	5.34E-02	recessive	-0.02	(-0.05 to 0)	6.87E-02	recessive	-0.02	(-0.05 to 0.02)	2.85E-01
rs2304081	SLC22A4	5	131667548	hetero	0.02	(-0.03 to 0.06)	5.13E-01	recessive	0.05	(-0.19 to 0.29)	6.95E-01	recessive	0.19	(-0.05 to 0.43)	1.21E-01	additive	-0.02	(-0.08 to 0.03)	3.87E-01
rs4646201	SLC22A4	5	131671634	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
rs272867	SLC22A4	5	131681057	recessive	-0.02	(-0.05 to 0.01)	2.27E-01	dominant	-0.03	(-0.07 to 0.01)	1.73E-01	recessive	-0.02	(-0.05 to 0)	8.37E-02	recessive	-0.02	(-0.05 to 0.02)	2.92E-01
rs10040427	SLC22A5	5	131714106	recessive	0.18	(0.02 to 0.34)	2.64E-02	dominant	-0.02	(-0.06 to 0.02)	3.35E-01	hetero	0.01	(-0.03 to 0.05)	6.22E-01	recessive	-0.07	(-0.25 to 0.11)	4.45E-01
rs11568525	SLC22A5	5	131729935	hetero	0.02	(-0.03 to 0.08)	4.02E-01	additive	-0.04	(-0.09 to 0.02)	2.04E-01	hetero	-0.03	(-0.08 to 0.02)	2.67E-01	additive	-0.03	(-0.1 to 0.03)	2.82E-01
rs7704457	LOC441108	5	131744790	recessive	-0.03	(-0.1 to 0.04)	4.12E-01	dominant	0.03	(0 to 0.06)	7.28E-02	hetero	0.02	(0 to 0.05)	1.05E-01	dominant	0.03	(0 to 0.07)	4.73E-02
rs6874639	LOC441108	5	131778716	hetero	0	(-0.03 to 0.03)	8.80E-01	additive	0.03	(0.01 to 0.05)	7.72E-03	additive	0.01	(-0.01 to 0.03)	1.75E-01	dominant	0.03	(-0.01 to 0.06)	1.18E-01
rs2522051	LOC441108	5	131797578	dominant	-0.01	(-0.04 to 0.03)	7.70E-01	recessive	-0.06	(-0.09 to -0.02)	6.44E-04	recessive	-0.01	(-0.03 to 0.02)	6.57E-01	dominant	-0.04	(-0.08 to 0)	7.48E-02
rs2706379	LOC441108	5	131805735	dominant	0.01	(-0.02 to 0.04)	5.04E-01	additive	0.03	(0.01 to 0.06)	3.46E-03	additive	0.02	(0 to 0.04)	1.08E-01	recessive	0.06	(0.01 to 0.12)	3.04E-02
rs2706381	LOC441108	5	131810619	additive	0.01	(-0.01 to 0.03)	4.62E-01	additive	0.03	(0.01 to 0.05)	5.47E-03	additive	0.02	(0 to 0.04)	6.88E-02	recessive	0.06	(0.01 to 0.12)	3.02E-02
rs2070729	IRF1	5	131819921	dominant	0.01	(-0.02 to 0.04)	5.46E-01	hetero	0.01	(-0.02 to 0.04)	5.41E-01	hetero	0	(-0.02 to 0.03)	7.26E-01	recessive	0.03	(-0.03 to 0.08)	2.97E-01
rs2070724	IRF1	5	131822072	recessive	0.02	(-0.02 to 0.05)	3.08E-01	hetero	0.02	(-0.01 to 0.05)	1.86E-01	hetero	0.01	(-0.01 to 0.04)	3.30E-01	dominant	0.03	(-0.01 to 0.06)	1.53E-01
rs2070722	IRF1	5	131824486	recessive	0.03	(-0.01 to 0.06)	1.74E-01	dominant	0.01	(-0.02 to 0.05)	4.37E-01	hetero	0.01	(-0.01 to 0.04)	3.19E-01	dominant	0.03	(-0.01 to 0.06)	1.31E-01
rs2706384	IRF1	5	131826880	recessive	0.02	(-0.01 to 0.06)	2.34E-01	dominant	0.03	(0 to 0.06)	3.10E-02	hetero	0.03	(0 to 0.05)	4.09E-02	dominant	0.05	(0.02 to 0.09)	4.75E-03
rs2548999	IRF1	5	131831058	recessive	0.03	(-0.01 to 0.06)	1.67E-01	hetero	0.03	(0.01 to 0.06)	1.59E-02	hetero	0.03	(0.01 to 0.06)	1.84E-02	dominant	0.04	(0.01 to 0.08)	1.31E-02
rs739718	IL5	5	131873073	hetero	-0.02	(-0.05 to 0.01)	1.80E-01	hetero	0.01	(-0.02 to 0.04)	4.34E-01	recessive	-0.03	(-0.07 to 0.02)	2.37E-01	additive	-0.02	(-0.04 to 0.01)	2.61E-01
rs2069818	IL5	5	131877524	recessive	-0.08	(-0.29 to 0.14)	4.96E-01	recessive	0.17	(-0.05 to 0.4)	1.32E-01	additive	0.03	(-0.01 to 0.07)	1.65E-01	recessive	-0.06	(-0.29 to 0.18)	6.38E-01
rs4526098	RAD50	5	131892979	hetero	0.01	(-0.02 to 0.04)	4.31E-01	hetero	0.01	(-0.02 to 0.05)	3.82E-01	dominant	0.05	(0 to 0.11)	7.35E-02	additive	-0.02	(-0.05 to 0.01)	2.23E-01
rs2706348	RAD50	5	131905810	recessive	-0.02	(-0.06 to 0.02)	2.43E-01	additive	-0.01	(-0.03 to 0.01)	3.80E-01	additive	-0.01	(-0.03 to 0.01)	2.56E-01	recessive	-0.05	(-0.09 to -0.01)	2.18E-02
rs28903086	RAD50	5	131915022	hetero	-0.62	(-1.93 to 0.69)	3.54E-01	hetero	0.57	(-1.43 to 2.57)	5.77E-01	hetero	0.85	(-0.72 to 2.43)	2.87E-01	hetero	-1.2	(-1.94 to -0.45)	1.62E-03
rs28903088	RAD50	5	131915673	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
rs10479007	RAD50	5	131917726	hetero	0.02	(-0.02 to 0.05)	3.78E-01	recessive	-0.07	(-0.17 to 0.04)	2.34E-01	recessive	-0.01	(-0.1 to 0.09)	9.18E-01	additive	-0.01	(-0.05 to 0.02)	4.94E-01
rs28903092	RAD50	5	131931472	hetero	-0.32	(-0.68 to 0.04)	8.46E-02	recessive	-0.36	(-1.15 to 0.43)	3.76E-01	recessive	-0.26	(-1.14 to 0.62)	5.59E-01	hetero	0.1	(-0.09 to 0.3)	2.97E-01
rs17772565	RAD50	5	131952405	additive	-0.02	(-0.05 to 0.01)	1.81E-01	recessive	0.07	(-0.06 to 0.2)	3.07E-01	recessive	0.05	(-0.07 to 0.16)	4.37E-01	hetero	-0.04	(-0.08 to 0)	5.51E-02
rs3798134	RAD50	5	131965179	additive	0.01	(-0.01 to 0.03)	5.91E-01	dominant	0.01	(-0.02 to 0.04)	5.03E-01	additive	0.02	(0 to 0.04)	5.96E-02	additive	0.02	(-0.01 to 0.04)	1.42E-01
rs4621555	RAD50	5	131982808	hetero	0.02	(-0.02 to 0.06)	3.70E-01	additive	0.03	(-0.01 to 0.07)	1.08E-01	dominant	0.09	(-0.03 to 0.22)	1.43E-01	additive	0.02	(-0.02 to 0.06)	3.11E-01
rs1881457	IL13	5	131992409	recessive	0.03	(-0.04 to 0.09)	4.37E-01	additive	0.01	(-0.01 to 0.04)	3.20E-01	additive	0.02	(-0.01 to 0.04)	1.40E-01	additive	0.04	(0.01 to 0.07)	9.25E-03
rs2069744	IL13	5	131994669	dominant	0.02	(-0.01 to 0.05)	1.85E-01	hetero	-0.01	(-0.04 to 0.02)	6.20E-01	dominant	0.03	(0 to 0.06)	4.76E-02	hetero	0	(-0.03 to 0.04)	8.77E-01
rs20541	IL13	5	131995964	dominant	0.02	(-0.01 to 0.06)	1.24E-01	additive	0.03	(0 to 0.05)	5.03E-02	dominant	0.02	(-0.01 to 0.05)	2.00E-01	hetero	0.05	(0.01 to 0.08)	1.30E-02
rs848	IL13	5	131996500	recessive	-0.01	(-0.04 to 0.02)	5.15E-01	dominant	0.02	(-0.02 to 0.05)	2.89E-01	hetero	0.01	(-0.01 to 0.04)	3.11E-01	dominant	0.02	(-0.02 to 0.06)	2.26E-01
rs2243206	IL13	5	132001065	recessive	-0.06	(-0.19 to 0.06)	3.21E-01	recessive	-0.16	(-0.28 to -0.04)	1.07E-02	recessive	-0.12	(-0.23 to -0.01)	3.08E-02	recessive	-0.11	(-0.23 to 0.01)	7.32E-02
rs2243248	IL4	5	132008644	hetero	-0.04	(-0.07 to -0.01)	1.79E-02	recessive	0.04	(-0.04 to 0.11)	3.31E-01	additive	0.01	(-0.01 to 0.03)	4.71E-01	dominant	0.04	(0 to 0.07)	4.79E-02
rs2243250	IL4	5	132009154	hetero	0.01	(-0.02 to 0.04)	4.33E-01	dominant	0.05	(0 to 0.09)	5.37E-02	hetero	0.02	(0 to 0.05)	8.50E-02	hetero	0.02	(-0.02 to 0.05)	2.81E-01
rs2243251	IL4	5	132009787	hetero	0.03	(0 to 0.06)	5.82E-02	additive	-0.01	(-0.04 to 0.02)	4.94E-01	recessive	-0.04	(-0.11 to 0.03)	3.18E-01	hetero	0.03	(-0.01 to 0.07)	1.54E-01
rs4986964	IL4	5	132009821	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
rs2243270	IL4	5	132014109	dominant	0.01	(-0.02 to 0.04)	4.49E-01	recessive	-0.02	(-0.07 to 0.02)	3.38E-01	additive	0	(-0.02 to 0.02)	8.30E-01	hetero	0.04	(0 to 0.07)	3.24E-02
rs2243283	IL4	5	132016593	recessive	0.06	(-0.01 to 0.14)	9.69E-02	hetero	0.04	(0.01 to 0.07)	1.67E-02	recessive	-0.02	(-0.09 to 0.05)	5.67E-01	recessive	-0.04	(-0.13 to 0.05)	3.74E-01
rs3212227	IL12B	5	158742950	dominant	0.01	(-0.02 to 0.04)	4.03E-01	additive	0	(-0.02 to 0.02)	7.54E-01	dominant	0.02	(-0.01 to 0.04)	2.00E-01	dominant	0.03	(0 to 0.06)	6.92E-02
rs919766	IL12B	5	158747564	hetero	-0.02	(-0.05 to 0.01)	1.33E-01	recessive	0.05	(-0.01 to 0.12)	1.27E-01	additive	-0.01	(-0.03 to 0.01)	2.97E-01	hetero	-0.02	(-0.05 to 0.02)	3.34E-01
rs3181216	IL12B	5	158752978	additive	-0.02	(-0.05 to 0)	9.45E-02	recessive	-0.05	(-0.13 to 0.02)	1.82E-01	additive	-0.01	(-0.03 to 0.02)	6.58E-01	recessive	-0.03	(-0.11 to 0.05)	4.71E-01
rs730691	IL12B	5	158756227	hetero	0.01	(-0.02 to 0.03)	7.01E-01	dominant	0.02	(-0.01 to 0.05)	2.82E-01	recessive	-0.01	(-0.02 to 0.05)	4.67E-01	dominant	0.04	(0.01 to 0.08)	2.24E-02
rs2239704	LTA	6	31540141	hetero	-0.03	(-0.06 to 0)	3.36E-02	recessive	0.04	(-0.02 to 0.1)	1.88E-01	hetero	-0.02	(-0.05 to 0.01)	1.95E-01	dominant	-0.01	(-0.04 to 0.03)	7.68E-01
rs909253	LTA	6	31540313	recessive	0.04	(0.01 to 0.08)	7.07E-03	recessive	0.02	(-0.01 to 0.05)	2.50E-01	recessive	0.03	(0 to 0.06)	8.64E-02	recessive	0.06	(0.04 to 0.1)	8.13E-03
rs1799964	TNF	6	31542308	additive	-0.01	(-0.03 to 0.02)	5.67E-01	recessive	-0.08	(-0.13 to -	1.27E-02	recessive	-0.02	(-0.08 to 0.03)	4.52E-01	dominant	-0.04	(-0.07 to -0.01)	1.83E-02

										0.02)									
rs1800750	TNF	6	31542963	dominant	0.03	(-0.03 to 0.1)	3.29E-01	recessive	-0.07	(-0.46 to 0.31)	7.08E-01	hetero	-0.05	(-0.11 to 0.01)	1.13E-01	hetero	0.02	(-0.06 to 0.09)	6.71E-01
rs1800629	TNF	6	31543031	hetero	-0.04	(-0.08 to 0)	3.10E-02	hetero	-0.02	(-0.05 to 0.02)	3.68E-01	recessive	0.15	(0.03 to 0.27)	1.40E-02	recessive	0.03	(-0.11 to 0.16)	6.98E-01
rs361525	TNF	6	31543101	recessive	-0.01	(-0.15 to 0.14)	9.29E-01	hetero	-0.01	(-0.05 to 0.03)	5.25E-01	dominant	-0.02	(-0.05 to 0.02)	3.96E-01	recessive	-0.1	(-0.31 to 0.1)	3.10E-01
rs3093662	TNF	6	31544189	hetero	-0.02	(-0.05 to 0.02)	3.65E-01	hetero	-0.01	(-0.05 to 0.02)	4.45E-01	dominant	-0.02	(-0.05 to 0.01)	2.54E-01	hetero	0.01	(-0.03 to 0.05)	6.48E-01
rs2242665	CTL4	6	31839309	additive	0.02	(0 to 0.04)	6.93E-02	dominant	0.04	(-0.02 to 0.09)	1.80E-01	hetero	-0.02	(-0.05 to 0.01)	1.26E-01	additive	0.02	(-0.01 to 0.04)	1.41E-01
rs1555498	IL2ORA	6	137325847	dominant	0.03	(0 to 0.06)	8.10E-02	hetero	0.02	(-0.01 to 0.05)	2.05E-01	hetero	0.01	(-0.01 to 0.04)	3.34E-01	recessive	0	(-0.05 to 0.04)	8.99E-01
rs11575936	IFNGR1	6	137540425	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
rs2075820	NOD1	7	30492237	recessive	-0.05	(-0.09 to -0.01)	1.73E-02	recessive	0.02	(-0.02 to 0.06)	3.97E-01	additive	0	(-0.01 to 0.02)	6.38E-01	recessive	0.02	(-0.03 to 0.06)	4.92E-01
rs9942705	GLI3	7	42445655	recessive	0	(-0.06 to 0.06)	9.69E-01	hetero	-0.02	(-0.05 to 0.01)	1.78E-01	hetero	-0.02	(-0.05 to 0.01)	1.32E-01	recessive	0.08	(0 to 0.15)	4.99E-02
rs17172181	HECW	7	43283115	recessive	-0.02	(-0.05 to 0.01)	1.40E-01	additive	-0.03	(-0.05 to -0.01)	8.53E-03	additive	-0.02	(-0.04 to 0)	6.03E-02	recessive	-0.02	(-0.05 to 0.02)	3.53E-01
rs17172184	HECW	7	43286129	recessive	-0.03	(-0.07 to 0)	7.78E-02	additive	-0.02	(-0.04 to 0)	4.13E-02	additive	-0.01	(-0.03 to 0.01)	1.88E-01	recessive	-0.03	(-0.07 to 0.02)	2.25E-01
rs7779749	IZKF1	7	50418506	dominant	-0.04	(-0.08 to 0)	6.40E-02	hetero	-0.01	(-0.04 to 0.02)	7.10E-01	hetero	0.02	(-0.01 to 0.05)	1.16E-01	dominant	0.02	(-0.03 to 0.07)	4.07E-01
rs10230385	IZKF1	7	50452552	dominant	0.01	(-0.02 to 0.04)	4.24E-01	additive	0.02	(0 to 0.04)	5.64E-02	dominant	0.01	(-0.01 to 0.04)	3.59E-01	recessive	-0.01	(-0.06 to 0.03)	5.69E-01
rs6964823	IZKF1	7	50460096	hetero	0.01	(-0.02 to 0.04)	3.99E-01	dominant	-0.03	(-0.06 to 0)	5.50E-02	additive	-0.02	(-0.01 to 0.04)	3.66E-02	recessive	0.05	(0 to 0.09)	3.44E-02
rs4132601	IZKF1	7	50470604	hetero	0.02	(-0.01 to 0.05)	2.48E-01	hetero	0.02	(-0.01 to 0.05)	2.35E-01	dominant	0.03	(0.01 to 0.06)	1.73E-02	hetero	-0.01	(-0.05 to 0.02)	4.08E-01
rs11980407	IZKF1	7	50471613	hetero	0.02	(-0.01 to 0.05)	1.10E-01	hetero	0.02	(-0.01 to 0.05)	2.34E-01	recessive	-0.03	(-0.06 to 0)	3.30E-02	hetero	-0.02	(-0.05 to 0.02)	3.37E-01
rs6944602	IZKF1	7	50473751	recessive	-0.05	(-0.19 to 0.1)	5.34E-01	hetero	0	(-0.04 to 0.05)	8.61E-01	hetero	0.02	(-0.02 to 0.06)	2.82E-01	hetero	-0.04	(-0.09 to 0.01)	1.48E-01
rs4947535	DDC	7	50531681	hetero	0.01	(-0.01 to 0.04)	3.24E-01	hetero	-0.01	(-0.04 to 0.02)	5.15E-01	recessive	-0.01	(-0.04 to 0.03)	6.68E-01	dominant	-0.03	(-0.06 to 0.01)	1.09E-01
rs11983581	DDC	7	50532888	hetero	0.02	(-0.02 to 0.05)	3.04E-01	dominant	-0.07	(-0.17 to 0.02)	1.37E-01	dominant	-0.04	(-0.13 to 0.04)	3.27E-01	dominant	-0.03	(-0.15 to 0.09)	5.95E-01
rs11982772	DDC	7	50533062	hetero	0.02	(-0.02 to 0.05)	2.90E-01	recessive	0.06	(-0.03 to 0.16)	1.95E-01	recessive	0.04	(-0.05 to 0.13)	3.51E-01	hetero	-0.01	(-0.05 to 0.03)	7.13E-01
rs11575527	DDC	7	50534327	hetero	0.02	(-0.02 to 0.05)	3.31E-01	recessive	0.07	(-0.02 to 0.17)	1.38E-01	recessive	0.04	(-0.04 to 0.13)	3.28E-01	hetero	-0.01	(-0.05 to 0.03)	7.14E-01
rs11575522	DDC	7	50535395	hetero	0.02	(-0.02 to 0.05)	3.59E-01	recessive	0.06	(-0.04 to 0.16)	2.25E-01	recessive	0.04	(-0.04 to 0.13)	3.15E-01	hetero	-0.01	(-0.05 to 0.03)	6.26E-01
rs11575518	DDC	7	50535681	hetero	0.02	(-0.02 to 0.05)	3.09E-01	dominant	-0.07	(-0.17 to 0.03)	1.51E-01	dominant	-0.04	(-0.13 to 0.04)	3.30E-01	hetero	-0.01	(-0.05 to 0.03)	6.86E-01
rs11575483	DDC	7	50544663	recessive	0.21	(-0.22 to 0.63)	3.42E-01	hetero	-0.05	(-0.12 to 0.01)	1.01E-01	hetero	-0.07	(-0.13 to -0.01)	2.56E-02	hetero	-0.02	(-0.11 to 0.06)	5.83E-01
rs11575387	DDC	7	50567435	dominant	0.04	(0.01 to 0.07)	9.82E-03	hetero	-0.03	(-0.06 to 0)	5.92E-02	hetero	-0.01	(-0.04 to 0.02)	5.18E-01	hetero	-0.03	(-0.07 to 0)	6.94E-02
rs3779084	DDC	7	50568735	dominant	0.04	(0.01 to 0.07)	1.42E-02	hetero	-0.03	(-0.06 to 0)	9.18E-02	dominant	0	(-0.03 to 0.02)	7.85E-01	hetero	-0.02	(-0.05 to 0.02)	2.96E-01
rs880028	DDC	7	50570136	hetero	0.03	(0 to 0.06)	8.35E-02	hetero	-0.04	(-0.07 to -0.01)	2.11E-02	recessive	0.01	(-0.02 to 0.04)	4.92E-01	additive	0	(-0.02 to 0.03)	7.56E-01
rs6592961	DDC	7	50572890	hetero	0.02	(0 to 0.05)	8.72E-02	recessive	0.01	(-0.02 to 0.04)	4.57E-01	hetero	0.02	(0 to 0.05)	1.12E-01	hetero	0.03	(-0.01 to 0.06)	1.09E-01
rs7809758	DDC	7	50573333	hetero	0.03	(0 to 0.06)	2.94E-02	recessive	0.01	(-0.02 to 0.04)	4.19E-01	hetero	0.02	(-0.01 to 0.04)	2.17E-01	hetero	0.01	(-0.03 to 0.04)	6.87E-01
rs1817074	DDC	7	50574012	hetero	0.02	(-0.01 to 0.05)	1.75E-01	additive	0.01	(-0.01 to 0.03)	2.30E-01	hetero	0.02	(-0.01 to 0.04)	1.66E-01	hetero	0.01	(-0.02 to 0.04)	4.55E-01
rs10271341	DDC	7	50591583	additive	-0.01	(-0.04 to 0.01)	3.60E-01	hetero	0.01	(-0.02 to 0.04)	4.21E-01	hetero	-0.01	(-0.04 to 0.02)	3.82E-01	additive	-0.02	(-0.05 to 0.01)	2.33E-01
rs11575320	DDC	7	50605298	additive	-0.01	(-0.04 to 0.01)	3.64E-01	dominant	0.01	(-0.02 to 0.04)	6.62E-01	dominant	-0.02	(-0.05 to 0)	1.00E-01	dominant	-0.03	(-0.07 to 0)	8.58E-02
rs3779074	DDC	7	50612202	recessive	-0.02	(-0.06 to 0.01)	2.05E-01	recessive	-0.03	(-0.06 to 0.01)	1.56E-01	recessive	-0.02	(-0.05 to 0.01)	2.60E-01	recessive	-0.05	(-0.09 to -0.01)	2.48E-02
rs2044859	DDC	7	50612562	recessive	-0.02	(-0.05 to 0.01)	2.58E-01	recessive	-0.02	(-0.06 to 0.01)	1.67E-01	recessive	-0.02	(-0.05 to 0.02)	3.35E-01	recessive	-0.05	(-0.09 to -0.01)	2.77E-02
rs2329371	DDC	7	50615440	hetero	-0.02	(-0.05 to 0.01)	2.78E-01	recessive	0.04	(-0.03 to 0.11)	2.36E-01	hetero	-0.01	(-0.04 to 0.02)	5.09E-01	hetero	-0.03	(-0.06 to 0.01)	1.42E-01
rs6956737	DDC	7	50620781	additive	-0.02	(-0.05 to 0.01)	1.18E-01	hetero	-0.02	(-0.06 to 0.01)	2.05E-01	additive	-0.02	(-0.04 to 0.01)	1.57E-01	recessive	0.06	(-0.05 to 0.18)	2.82E-01
rs1451375	DDC	7	50622712	hetero	-0.02	(-0.05 to 0.01)	2.70E-01	additive	0.02	(0 to 0.05)	6.88E-02	recessive	0.04	(-0.02 to 0.11)	1.97E-01	hetero	-0.01	(-0.04 to 0.02)	5.73E-01
rs10249420	DDC	7	50623451	additive	-0.01	(-0.04 to 0.01)	3.48E-01	hetero	0.03	(0 to 0.06)	6.04E-02	recessive	0	(-0.08 to 0.08)	9.76E-01	recessive	-0.03	(-0.12 to 0.06)	4.85E-01
rs7803788	DDC	7	50625898	recessive	-0.03	(-0.12 to 0.05)	4.64E-01	hetero	0.03	(0 to 0.06)	7.07E-02	dominant	0.01	(-0.02 to 0.04)	5.28E-01	recessive	-0.05	(-0.14 to 0.04)	2.85E-01
rs6593010	DDC	7	50629888	hetero	0.02	(0 to 0.05)	7.81E-02	recessive	-0.04	(-0.07 to -0.01)	1.41E-02	hetero	0.01	(-0.02 to 0.04)	4.36E-01	dominant	0.01	(-0.03 to 0.06)	5.62E-01
rs7800827	DDC	7	50673171	recessive	-0.1	(-0.24 to 0.04)	1.69E-01	recessive	0.05	(-0.09 to 0.19)	4.76E-01	hetero	0	(-0.04 to 0.03)	8.08E-01	hetero	0.01	(-0.04 to 0.06)	6.25E-01
rs3211938	CD36	7	80300449	additive	-0.03	(-0.08 to 0.01)	1.68E-01	additive	-0.04	(-0.08 to 0)	7.95E-02	recessive	-0.24	(-0.35 to -0.12)	7.70E-05	hetero	0.02	(-0.03 to 0.07)	4.06E-01
hcd36	G1439C	7	80302110	hetero	-0.14	(-0.38 to 0.09)	2.38E-01	hetero	-0.07	(-0.28 to 0.14)	5.25E-01	hetero	-0.07	(-0.26 to 0.12)	4.59E-01	hetero	0.01	(-0.21 to 0.24)	8.97E-01
rs17140229	CFTR	7	117230283	recessive	-0.02	(-0.07 to 0.03)	3.98E-01	hetero	0.03	(0 to 0.06)	3.64E-02	additive	0.01	(-0.01 to 0.03)	4.57E-01	additive	0.04	(0.01 to 0.07)	2.58E-03

rs4986790	TLR4	9	120475302	dominant	-0.03	(-0.06 to 0.01)	1.92E-01	hetero	-0.01	(-0.05 to 0.03)	5.80E-01	recessive	-0.06	(-0.21 to 0.08)	3.87E-01	additive	-0.01	(-0.05 to 0.03)	6.12E-01
rs4986791	TLR4	9	120475602	recessive	0.07	(-0.25 to 0.39)	6.58E-01	recessive	0.23	(-0.06 to 0.53)	1.25E-01	recessive	0.04	(-0.26 to 0.33)	7.98E-01	hetero	0.03	(-0.05 to 0.11)	4.86E-01
rs8176746	ABO	9	136131322	additive	-0.03	(-0.06 to 0)	2.41E-02	hetero	0.01	(-0.02 to 0.04)	6.02E-01	recessive	-0.09	(-0.17 to -0.01)	3.09E-02	additive	-0.04	(-0.07 to -0.01)	1.26E-02
rs8176719	ABO	9	136132909	hetero	-0.01	(-0.04 to 0.02)	3.76E-01	hetero	0	(-0.02 to 0.03)	7.45E-01	dominant	0.03	(-0.02 to 0.07)	2.26E-01	dominant	-0.02	(-0.08 to 0.03)	3.87E-01
rs334	HBB	11	5248232	additive	-0.17	(-0.24 to -0.11)	2.94E-07	hetero	-0.15	(-0.21 to -0.09)	1.26E-06	dominant	-0.14	(-0.2 to -0.09)	6.46E-07	hetero	-0.04	(-0.09 to 0.02)	2.35E-01
rs33930165	HBB	11	5248233	additive	-0.02	(-0.11 to 0.08)	7.14E-01	recessive	0.31	(0.05 to 0.56)	1.83E-02	recessive	0.19	(-0.04 to 0.42)	1.01E-01	additive	0.09	(0 to 0.18)	5.84E-02
rs7935564	TRIM5	11	5718517	additive	0	(-0.02 to 0.02)	7.91E-01	additive	-0.01	(-0.03 to 0.01)	3.51E-01	recessive	0.01	(-0.02 to 0.04)	4.87E-01	hetero	-0.03	(-0.06 to 0)	5.87E-02
rs569108	MS4A2	11	59863104	additive	0.02	(-0.01 to 0.04)	1.57E-01	additive	0.03	(0 to 0.05)	4.50E-02	hetero	0.02	(-0.01 to 0.05)	1.64E-01	additive	0.02	(-0.01 to 0.05)	2.55E-01
rs542998	RTN3	11	63487386	recessive	0.04	(0 to 0.07)	5.37E-02	recessive	0.06	(0.03 to 0.1)	8.82E-04	recessive	0.04	(0 to 0.07)	3.15E-02	recessive	0.04	(0 to 0.08)	5.76E-02
rs3024978	STAT6	12	57490378	hetero	-0.53	(-1.03 to -0.03)	3.89E-02	hetero	-0.25	(-0.67 to 0.18)	2.53E-01	hetero	-0.24	(-0.69 to 0.22)	3.04E-01	hetero	-0.16	(-0.47 to 0.15)	3.04E-01
rs12314983	STAT6	12	57492308	additive	-0.11	(-0.26 to 0.03)	1.18E-01	dominant	-0.09	(-0.23 to 0.06)	2.40E-01	hetero	-0.09	(-0.22 to 0.04)	1.69E-01	recessive	-0.45	(-0.97 to 0.07)	8.84E-02
rs35182390	STAT6	12	57493602	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
rs3024952	STAT6	12	57500112	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
rs2626577	STAT6	12	57500509	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
rs2069727	IFNG	12	68548223	additive	-0.01	(-0.04 to 0.01)	2.20E-01	hetero	-0.03	(-0.06 to 0)	5.39E-02	recessive	0.02	(-0.04 to 0.07)	5.56E-01	hetero	-0.01	(-0.05 to 0.02)	4.70E-01
rs2234687	IFNG	12	68548756	hetero	0.06	(-0.46 to 0.58)	8.23E-01	hetero	-0.05	(-0.51 to 0.4)	8.16E-01	hetero	0.5	(0.11 to 0.88)	1.22E-02	hetero	0.11	(-0.2 to 0.41)	4.85E-01
rs2069718	IFNG	12	68550162	dominant	0	(-0.02 to 0.03)	7.50E-01	recessive	0.03	(-0.01 to 0.07)	1.04E-01	recessive	0.02	(-0.02 to 0.05)	3.80E-01	additive	-0.01	(-0.03 to 0.02)	6.01E-01
rs1861493	IFNG	12	68551196	recessive	0.05	(-0.13 to 0.23)	5.89E-01	additive	0.04	(0 to 0.08)	3.50E-02	dominant	0.01	(-0.02 to 0.05)	4.57E-01	hetero	0.05	(0.01 to 0.1)	2.37E-02
rs2069705	IFNG	12	68555011	dominant	0.03	(0 to 0.07)	7.40E-02	hetero	0.01	(-0.02 to 0.04)	3.91E-01	additive	0.01	(-0.01 to 0.03)	3.48E-01	hetero	0.03	(0 to 0.06)	5.95E-02
rs2227507	IL22	12	68642647	recessive	0.12	(-0.32 to 0.56)	5.92E-01	additive	-0.06	(-0.12 to 0)	5.19E-02	hetero	-0.03	(-0.08 to 0.03)	3.38E-01	hetero	-0.04	(-0.11 to 0.03)	2.49E-01
rs1012356	IL22	12	68644618	recessive	-0.02	(-0.06 to 0.01)	1.45E-01	additive	0.02	(0 to 0.04)	1.09E-01	dominant	0.03	(0 to 0.05)	6.99E-02	additive	-0.01	(-0.03 to 0.01)	3.58E-01
rs2227491	IL22	12	68646521	hetero	0.01	(-0.02 to 0.04)	5.38E-01	recessive	0.02	(-0.01 to 0.05)	2.18E-01	dominant	0.04	(0 to 0.07)	2.55E-02	hetero	-0.01	(-0.05 to 0.02)	3.66E-01
rs2227485	IL22	12	68647713	recessive	-0.02	(-0.05 to 0.02)	4.06E-01	hetero	-0.01	(-0.04 to 0.01)	3.29E-01	recessive	0.02	(-0.02 to 0.05)	3.38E-01	recessive	-0.02	(-0.06 to 0.02)	4.03E-01
rs2227478	IL22	12	68648622	recessive	-0.03	(-0.05 to 0)	6.78E-02	additive	0	(-0.03 to 0.02)	6.46E-01	additive	0.01	(-0.01 to 0.03)	2.17E-01	hetero	0.01	(-0.02 to 0.04)	5.55E-01
rs229587	SPTB	14	65263300	hetero	0.02	(-0.01 to 0.05)	1.62E-01	hetero	0.02	(-0.01 to 0.05)	1.35E-01	recessive	-0.03	(-0.07 to 0.01)	1.24E-01	hetero	-0.01	(-0.04 to 0.03)	6.82E-01
rs2230739	ADCY9	16	4033436	recessive	0.08	(-0.03 to 0.18)	1.43E-01	hetero	-0.04	(-0.07 to 0)	4.81E-02	recessive	0.08	(-0.01 to 0.17)	9.92E-02	additive	-0.03	(-0.06 to 0)	8.95E-02
rs10775349	ADCY9	16	4079823	hetero	0.01	(-0.02 to 0.03)	7.28E-01	hetero	0.01	(-0.02 to 0.04)	6.83E-01	dominant	-0.01	(-0.04 to 0.01)	3.73E-01	dominant	0.03	(-0.01 to 0.06)	1.66E-01
rs1805015	IL4R	16	27374180	hetero	-0.01	(-0.04 to 0.02)	4.74E-01	recessive	-0.01	(-0.05 to 0.03)	6.52E-01	recessive	0.01	(-0.02 to 0.05)	4.21E-01	dominant	-0.01	(-0.05 to 0.02)	4.45E-01
rs5470	HP	16	72088421	dominant	-0.03	(-0.07 to 0.01)	1.05E-01	recessive	-0.04	(-0.17 to 0.08)	4.81E-01	hetero	0.02	(-0.01 to 0.05)	2.46E-01	dominant	-0.03	(-0.07 to 0.01)	1.94E-01
rs2535611	ADORA2B	17	15861332	dominant	0.02	(-0.02 to 0.05)	3.68E-01	hetero	0.02	(-0.02 to 0.06)	4.16E-01	additive	0.04	(0.01 to 0.07)	1.85E-02	recessive	0.07	(-0.11 to 0.26)	4.54E-01
rs2297518	NOS2	17	26096597	recessive	-0.02	(-0.1 to 0.06)	6.74E-01	hetero	0.02	(-0.01 to 0.05)	1.95E-01	additive	-0.01	(-0.04 to 0.01)	2.54E-01	recessive	-0.06	(-0.17 to 0.06)	3.46E-01
rs1800482	NOS2	17	26128509	recessive	0.12	(-0.12 to 0.36)	3.14E-01	hetero	0.04	(-0.01 to 0.09)	1.14E-01	hetero	0.03	(-0.01 to 0.08)	1.42E-01	recessive	-0.16	(-0.36 to 0.05)	1.33E-01
rs2779249	NOS2A	17	26128581	additive	0.01	(-0.01 to 0.03)	5.77E-01	recessive	0.01	(-0.03 to 0.05)	5.06E-01	recessive	0.01	(-0.02 to 0.05)	4.62E-01	hetero	0.03	(-0.01 to 0.06)	1.09E-01
rs9282799	NOS2	17	26128728	recessive	-0.11	(-0.38 to 0.16)	4.21E-01	dominant	-0.03	(-0.08 to 0.02)	2.84E-01	additive	-0.03	(-0.07 to 0.02)	1.95E-01	hetero	-0.04	(-0.1 to 0.03)	2.51E-01
rs8078340	NOS2	17	26129212	recessive	-0.06	(-0.13 to 0)	5.70E-02	recessive	-0.06	(-0.12 to 0.01)	1.05E-01	recessive	-0.03	(-0.09 to 0.03)	3.31E-01	recessive	-0.07	(-0.15 to 0.01)	7.23E-02
rs373533	EMR1	19	6919624	recessive	0.02	(-0.01 to 0.06)	1.57E-01	recessive	-0.03	(-0.06 to 0.01)	1.43E-01	dominant	0.01	(-0.02 to 0.04)	4.88E-01	dominant	-0.02	(-0.05 to 0.02)	2.78E-01
rs461645	EMR1	19	6919753	dominant	-0.03	(-0.06 to 0.01)	1.14E-01	additive	0.02	(0 to 0.04)	1.02E-01	additive	0	(-0.02 to 0.01)	6.45E-01	recessive	0.01	(-0.02 to 0.05)	4.12E-01
rs35825847	FCER2	19	7754284	dominant	-0.5	(-1.07 to 0.06)	8.16E-02	additive	-0.23	(-0.55 to 0.1)	1.75E-01	recessive	-0.49	(-1.08 to 0.1)	1.05E-01	hetero	0.65	(-0.1 to 1.4)	8.75E-02
rs1799969	ICAM1	19	10394792	hetero	0.02	(-0.16 to 0.21)	8.10E-01	hetero	0.09	(-0.07 to 0.26)	2.67E-01	hetero	0.03	(-0.13 to 0.19)	7.08E-01	hetero	0.03	(-0.11 to 0.18)	6.47E-01
rs5498	ICAM1	19	10395683	additive	0.03	(0 to 0.06)	3.88E-02	recessive	0.07	(0 to 0.15)	5.10E-02	recessive	0.03	(-0.04 to 0.11)	3.53E-01	dominant	0.05	(0.01 to 0.09)	9.84E-03
rs8386	GNAS	20	57485812	recessive	-0.02	(-0.1 to 0.07)	6.86E-01	dominant	0.02	(-0.01 to 0.06)	1.64E-01	additive	0.01	(-0.02 to 0.04)	4.57E-01	recessive	0.05	(-0.05 to 0.15)	3.55E-01
rs1128127	DERL3	22	24179132	hetero	0.01	(-0.02 to 0.03)	5.92E-01	dominant	0.01	(-0.02 to 0.04)	4.99E-01	dominant	0.02	(-0.01 to 0.05)	1.63E-01	additive	0.02	(0 to 0.05)	5.05E-02