

**Table S1. Description of SNPs included in analysis.**

SNP	Position	Gene	Ref. allele (A1)	SNP (A2)	Number of participants with call	Call rate	Genotype frequencies			SNP position on cds	Amino acid position	Amino acid change	Candidate
							A1A1	A1A2	A2A2				
rs179008	12813579	TLR7	A	T	845	1.00	708	80	57	32	11 Q>L	Y	
rs352140	52231736	TLR9	C	T	846	1.00	401	358	87	1635	545 P>P	Y	
rs3764879	12834617	TLR8	C	G	843	1.00	490	178	175			Y	
rs3764880	12834746	TLR8	A	G	846	1.00	489	181	176	1	1 M>V	Y	
rs3804099	154844105	TLR2	C	T	846	1.00	423	342	81	597	199 N>N	Y	
rs3804100	154844858	TLR2	T	C	847	1.00	763	81	3	1350	450 S>S	Y	
rs4986791	119515422	TLR4	C	T	844	1.00	825	19	0	1196	399 T>I	Y	
rs5743704	154845400	TLR2	C	A	13	0.02	8	5	0	1892	631 P>H	Y	
rs10025405	187243799	TLR3	A	G	820	0.97	461	302	57			N	
rs1013150	12842361	TLR8	G	A	844	1.00	380	204	260			N	
rs10818073	119507396	TLR4	C	T	844	1.00	825	19	0			N	
rs10893493	125657856	TIRAP	A	G	844	1.00	630	198	16			N	
rs10983756	119513000	TLR4	C	T	846	1.00	695	146	5			N	
rs11536865	119505843	TLR4	G	C	842	0.99	635	192	15			N	
rs11536887	119517494	TLR4	A	G	845	1.00	759	83	3			N	
rs11536888	119517609	TLR4	C	T	844	1.00	762	79	3			N	
rs11536892	119519302	TLR4	G	A	847	1.00	795	51	1			N	
rs11536893	119519372	TLR4	G	A	846	1.00	796	49	1			N	
rs11536897	119519830	TLR4	G	A	847	1.00	752	90	5			N	
rs11721827	187228130	TLR3	A	C	847	1.00	742	101	4			N	
rs13126816	187231171	TLR3	G	A	846	1.00	721	122	3			N	
rs1548731	12837867	TLR8	T	C	771	0.91	354	166	251			N	
rs1620233	12807936	TLR7	T	C	844	1.00	335	216	293			N	
rs1634319	12812955	TLR7	T	C	847	1.00	521	179	147			N	
rs1634320	12806941	TLR7	C	T	847	1.00	828	9	10			N	
rs1634321	12805245	TLR7	A	T	842	0.99	565	160	117			N	
rs1634322	12799947	TLR7	T	A	845	1.00	527	179	139			N	
rs1634323	12798047	TLR7	A	G	846	1.00	679	98	69			N	
rs1638596	12806030	TLR7	T	C	845	1.00	776	42	27			N	
rs17256081	12835965	TLR8	T	C	847	1.00	531	168	148			N	
rs1731479	12800373	TLR7	C	T	760	0.90	506	155	99			N	
rs1786704	125670966	TIRAP	T	C	845	1.00	742	98	5			N	
rs179009	12813400	TLR7	A	G	844	1.00	688	94	62			N	
rs179010	12812805	TLR7	C	T	842	0.99	693	85	64			N	
rs179011	12811880	TLR7	G	T	847	1.00	430	220	197			N	
rs179012	12811482	TLR7	A	G	845	1.00	573	152	120			N	
rs179013	12811391	TLR7	G	A	845	1.00	735	69	41			N	
rs179016	12804362	TLR7	C	G	844	1.00	653	111	80			N	
rs179018	12800070	TLR7	T	C	846	1.00	737	73	36			N	
rs179021	12799683	TLR7	T	G	846	1.00	797	29	20			N	
rs187084	52236070	TWF2	A	G	846	1.00	432	336	78			N	
rs1893352	125665896	TIRAP	A	G	847	1.00	645	196	6			N	
rs1898830	154827902	TLR2	A	G	844	1.00	675	157	12			N	
rs1927906	119519935	TLR4	T	C	843	1.00	280	383	180			N	
rs1927907	119512584	TLR4	C	T	773	0.91	481	260	32			N	
rs1927911	119509874	TLR4	A	G	845	1.00	343	386	116			N	
rs1927912	119509246	TLR4	T	C	847	1.00	612	218	17			N	
rs2109134	12837106	TLR8	A	T	845	1.00	680	92	73			N	
rs2149356	119514019	TLR4	T	G	846	1.00	530	287	29			N	
rs2159377	12847433	TLR8	C	T	840	0.99	639	120	81	354	118 D>D	N	
rs2770146	119513158	TLR4	T	C	846	1.00	613	217	16			N	
rs3747414	12849332	TLR8	C	A	846	1.00	403	205	238	2253	751 I>I	N	
rs3775292	187240018	TLR3	G	C	845	1.00	681	150	14			N	
rs3775296	187234760	TLR3	C	A	843	1.00	602	220	21			N	
rs3802813	125667677	TIRAP	G	A	844	1.00	756	86	2	164	55 S>N	N	
rs4235232	154837533	TLR2	T	G	847	1.00	659	174	14			N	
rs4696483	154838704	TLR2	C	T	844	1.00	249	409	186			N	
rs4830805	12837679	TLR8	G	A	847	1.00	568	145	134			N	
rs4830806	12841892	TLR8	T	C	846	1.00	426	197	223			N	

SNP	Position	Gene	Ref. allele (A1)	SNP (A2)	Number of participants with call	Call rate	Genotype frequencies			SNP position on cds	Amino acid position	Amino acid change	Candidate
							A1A1	A1A2	A2A2				
rs4830808	12842254	TLR8	C	T	842	0.99	730	66	46			N	
rs4988453	38154257	ACAA1	C	A	846	1.00	668	164	14			N	
rs4988457	38157139	MYD88	C	G	846	1.00	669	164	13			N	
rs5030710	119514541	TLR4	T	C	844	1.00	548	267	29	315	105 S>S	N	
rs5030717	119513654	TLR4	A	G	846	1.00	592	233	21			N	
rs5030718	119515646	TLR4	G	A	847	1.00	760	85	2	1420	474 E>K	N	
rs5030719	119515756	TLR4	G	T	845	1.00	783	62	0	1530	510 Q>H	N	
rs5030729	119514159	TLR4	A	G	847	1.00	556	264	27			N	
rs5741880	12797336	TLR7	G	T	844	1.00	335	214	295			N	
rs5741881	12816634	TLR7	A	G	847	1.00	593	148	106	3087	1029 L>L	N	
rs5741883	12834141	TLR8	C	T	845	1.00	420	201	224			N	
rs5741886	12844214	TLR8	T	A	27	0.03	6	16	5			N	
rs5741887	12845918	TLR8	A	T	846	1.00	593	133	120			N	
rs5743305	187226326	TLR3	T	A	847	1.00	430	353	64			N	
rs5743309	187227338	TLR3	C	A	839	0.99	661	152	26			N	
rs5743312	187237249	TLR3	C	T	841	0.99	674	155	12			N	
rs5743315	187237409	TLR3	C	A	845	1.00	652	178	15			N	
rs5743317	187240752	TLR3	T	G	846	1.00	743	99	4	919	307 Y>D	N	
rs5743712	12794906	TLR7	G	C	846	1.00	723	76	47			N	
rs5743714	12794975	TLR7	C	G	846	1.00	780	47	19			N	
rs5743716	12795356	TLR7	A	C	844	1.00	823	13	8			N	
rs5743720	12797238	TLR7	T	C	706	0.83	541	95	70			N	
rs5743728	12798622	TLR7	G	A	844	1.00	680	102	62			N	
rs5743732	12799518	TLR7	C	T	844	1.00	769	43	32			N	
rs5743735	12800164	TLR7	T	C	846	1.00	835	7	4			N	
rs5743737	12800941	TLR7	A	G	846	1.00	739	65	42			N	
rs5743740	12801880	TLR7	A	G	843	1.00	383	220	240			N	
rs5743742	12802568	TLR7	C	A	842	0.99	761	51	30			N	
rs5743750	12804747	TLR7	C	T	846	1.00	675	112	59			N	
rs5743759	12807109	TLR7	T	C	845	1.00	825	10	10			N	
rs5743763	12808213	TLR7	C	A	845	1.00	623	142	80			N	
rs5743764	12808874	TLR7	G	A	846	1.00	833	7	6			N	
rs5743771	12810835	TLR7	G	A	845	1.00	783	39	23			N	
rs5743772	12811654	TLR7	A	G	844	1.00	769	49	26			N	
rs5743776	12812465	TLR7	C	T	841	0.99	740	72	29			N	
rs5743787	12818506	TLR7	T	C	726	0.86	712	7	7			N	
rs5743849	52229755	TLR9	G	A	842	0.99	728	110	4			N	
rs5744047	12839684	TLR8	A	C	843	1.00	685	97	61			N	
rs5744054	12842641	TLR8	A	T	803	0.95	705	67	31			N	
rs5744055	12842753	TLR8	A	G	833	0.98	634	114	85			N	
rs5744067	12844893	TLR8	T	C	845	1.00	692	95	58			N	
rs5744069	12845032	TLR8	T	G	845	1.00	452	182	211			N	
rs5744072	12846252	TLR8	G	A	843	1.00	802	28	13			N	
rs5744077	12847107	TLR8	A	G	840	0.99	674	93	73	28	10 M>V	N	
rs5744080	12847724	TLR8	T	C	841	0.99	579	136	126	645	215 H>H	N	
rs5744081	12848391	TLR8	C	A	843	1.00	592	133	118	1312	438 R>R	N	
rs5744084	12849866	TLR8	C	A	847	1.00	681	94	72	2787	929 I>I	N	
rs5744088	12850484	TLR8	G	C	845	1.00	705	87	53			N	
rs625413	125669558	TIRAP	C	T	845	1.00	751	92	2			N	
rs6552950	187231849	TLR3	A	G	844	1.00	642	193	9			N	
rs6767684	38160177	MYD88	G	A	843	1.00	306	375	162			N	
rs6853	38159373	MYD88	A	G	847	1.00	387	359	101			N	
rs7656411	154847104	TLR2	G	T	844	1.00	336	399	109			N	
rs7657186	187231032	TLR3	G	A	818	0.97	508	269	41			N	
rs7668666	187238285	TLR3	C	A	843	1.00	670	159	14			N	
rs7744	38159024	MYD88	A	G	847	1.00	813	34	0			N	
rs7864330	119509370	TLR4	T	G	845	1.00	588	241	16			N	
rs7869402	119517852	TLR4	C	T	840	0.99	485	301	54			N	
rs8177352	125659052	TIRAP	A	G	845	1.00	774	70	1			N	
rs8177375	125668273	TIRAP	A	G	844	1.00	619	205	20			N	

SNP	Position	Gene	Ref. allele (A1)	SNP (A2)	Number of participants with call	Call rate	Genotype frequencies			SNP position on cds	Amino acid position	Amino acid change	Candidate
							A1A1	A1A2	A2A2				
rs8177376	125668821	TIRAP	T	G	844	1.00	709	131	4			N	
rs850633	12818702	TLR7	G	A	844	1.00	547	164	133			N	
rs864058	12815950	TLR7	G	A	844	1.00	520	178	146	2403	801 T>T	N	
rs893629	154824417	TLR2	G	A	824	0.97	708	111	5			N	

SNP: dbsnp rs#

Position: Variant start position on chromosome.

Gene: Gene name in dbSNP.

Ref. allele (A1): Reference/wild-type allele.

SNP (A2): Observed allele

Number of participants with call: Total number of study participants for whom presence of SNP was determined.

Call rate: Proportion of all participants with successful call.

Genotype frequencies: Number of participants with each genotype.

SNP position on cds: SNP position on coding sequence, if the predicted function is coding.

Amino acid position: Position of the first amino acid (possibly) effected in the resultant peptide chain, if the predicted function is coding.

Amino acid change: Reference amino acid > variant amino acid.

Candidate: 'Y' indicates that SNP was included as a candidate SNP in this analysis.





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