

Supplementary Table I. Summary of primer sequences used for ARMS-PCR in discovering SNPs in cytokine, chemokine and toll-like receptor immune-related genes.

Primers	SNPs Genetic Locus	Accession No.	Phenotype	Sequence (from 5' to 3')	Source
SNP 1	IFN- α (-235)	X57191	Promoter	F: ACCTCATGGTTCTAGTCGTATTC R(A): TCTTTTTCATTATTGCCTTCCGTT R(G): TCTTTTTCATTATTGCCTTCCGTC F(C): AGCATAGTATGGGTATAAATCGTC F(T): AGCATAGTATGGGTATAAATCGTT R: TTCTATTACCTCTACCTATGTCC	Designed
SNP 2	IFN- γ (382)	X53085	Intron 1	F: TCAGCTTTGCGTGACTTTG R: TTCTATTACCTCTACCTATGTCC	Designed
SNP 3	IFN- γ (490)	X53085	Intron 1	F: TCTGCTACTGCACCTTCGAGG R: CTATCTTTCTACCACACCCT	Designed
SNP 4	TNF- α (366)	NC_010449	Intron 1	F(T): GGACTTATTCAAATCTAATTAATCCTT F(C): GGACTTATTCAAATCTAATTAATCCTC R: AATTTCCTTCTTCTCTCCAC	Designed
SNP 5	TNF- α (755)	NC_010449	Intron 1	F: AAGCTAGAGAAGCAGGTGGCTG R(A): ATCCCATCTGTCCATGAGGTTCT R(G): ATCCCATCTGTCCATGAGGTTCC	Designed
SNP 6	TNF- α (1219)	NC_010449	Intron 3	F: TGTGGATGCCATCAAAGAAGC R: AGTGCTGCTCATAGTCTTGG	Designed
SNP 7	GM-CSF (193)	U67318	Intron 1	F: TGTGGATGCCATCAAAGAAGC R: ATCCCTGGTGACTCTCTGG	Designed
SNP 8	GM-CSF (245)	U67318	Intron 1	F(C): AAGGAGAGTAAGTGCCTTTCC F(G): AAGGAGAGTAAGTGCCTTTCCG R: AGTGCTGCTCATAGTCTTGG	Designed
SNP 9	GM-CSF (741)	U67318	Intron 1	F: TGTGGATGCCATCAAAGAAGC R: AGTGCTGCTCATAGTCTTGG	Designed
SNP 10	GM-CSF (753)	U67318	Intron 1	F: TGTGGATGCCATCAAAGAAGC R: AGTGCTGCTCATAGTCTTGG	Designed
SNP 11	GM-CSF (782)	U67318	Intron 1	F: TGGGCAGTCCTAGCATTCAG R: TCATTTCTTCCTGTCTCATCC	Designed
SNP 12	MCP-1 (273)	CU928660	Intron 1	F: ACTGCAGCCACCTTCTG R(T): GCTGGGGTCTGGGAA R(C): GCTGGGGTCTGGGAG	Designed
SNP 13	MCP-1 (336)	CU928660	Intron 1	F: TTAAGTGCACGATCAGGAA R: ACTGCCTAACTTCTGGGAGAG	Designed
SNP 14	MCP-1 (351)	CU928660	Intron 1	F: TTAAGTGCACGATCAGGAA R: ACTGCCTAACTTCTGGGAGAG	Designed
SNP 15	MCP-1 (360)	CU928660	Intron 1	F: TTAAGTGCACGATCAGGAA R: ACTGCCTAACTTCTGGGAGAG	Designed
SNP 16	MCP-1 (383)	CU928660	Intron 1	F: TTAAGTGCACGATCAGGAA R: ACTGCCTAACTTCTGGGAGAG	Designed
SNP 17	TLR 3 (95)	NC_010457	Exon 3	F(A): ACCAACAAATGTACTGTTC F(G): ACCAACAAATGTACTGTTCG R: TCCTCTTACCAAGATAAAAG	Designed
SNP 18	TLR 3 (159)	NC_010457	Exon 3	F(C): GACCTCCCGCAAAC F(T): GACCTCCCGCAAAT R: TCCTCTTACCAAGATAAAAG	Designed
SNP 19	TLR 3 (405)	NC_010457	Exon 3	F(A): TCCATCTAATGTCCAACCTCA F(T): TCCATCTAATGTCCAACCTCT R: TCCTCTTACCAAGATAAAAG	Designed
SNP 20	TLR 3 (800)	NC_010457	Exon 3	F(C): TTCATGAACAGCAACATTCC F(T): TTCATGAACAGCAACATTCT R: TCCTCTTACCAAGATAAAAG	Designed
SNP 21	TLR 4 (-13)	AY753179	Promoter	F: TGGAAAGCCACCGTCC R (A): GAATCATCCTGGCATTTGCT R (G): GAATCATCCTGGCATTTGCC	Designed
SNP 22	TLR 7 (-332)	AB291813	Intron 1	F(A): TTTTGAGAATCTAAAGCGA F(G): TTTTGAGAATCTAAAGCGG R: TCAAAACAGAGAAGCCTGG	Designed
SNP 23	TLR 7 (66)	AB291813	Intron 1	F(C): TTGAGGAAGAAGCTGAAACC F(T): TTGAGGAAGAAGCTGAAACT R: TAGTAATTTTCCATCCACTGA	Designed
SNP 24	TLR 7 (357)	AB291813	Intron 1	F(A): GTGCTTTTCTAGTGTAGGA F(G): GTGCTTTTCTAGTGTAGGG R: TAGTAATTTTCCATCCACTGA	Designed
SNP 25	TLR 7 (1413)	AB291813	Intron 1	F(C): GTTGTGCTAAAGACTGGATGCTCTC F(T): GTTGTGCTAAAGACTGGATGCTCT R: TGCACCAAGGCACATGGA	Designed
SNP 26	TLR 7 (1633)	AB291813	Intron 1	F(C): AAGTTGGGATATCTTTTTTAAC F(T): AAGTTGGGATATCTTTTTTAAT R: TGCACCAAGGCACATGGA	Designed
SNP 27	TLR 7 (2034)	AB291813	Intron 1	F(A): GATGTGGGAAGTCCACTTCAAA F(G): GATGTGGGAAGTCCACTCAAG R: ATATAGCAGGATCTCATGCTTATC	Designed
SNP 28	TLR 7 (22996)	AB291813	Exon 3	F(A): TAAATTTTGCATCTTCTCA F(C): TAAATTTTGCATCTTCTCC R: AAGGAGGAAGAAGGCTC	Designed
SNP 29	TLR 8 (14)	AB291813	Exon 1	F(T): GAAAACATGACCTTCACAT F(G): GAAAACATGACCTTCACAG R: CGCTTAGATCCAGTACTCTTA	Designed
SNP 30	TLR 8 (41)	AB291813	Exon 1	F(T): CTGACCTGCCTTTTCTGCT F(G): CTGACCTGCCTTTTCTGCG R: GGAAATATTAATGTACTGGGGATA	Designed
SNP 31	TLR 8 (124)	AB291813	Exon 1	F(C): AGAAAAGAAAATGGCTCTC F(G): AGAAAAGAAAATGGCTCTG R: CGCTTAGATCCAGTACTCTTA	Designed
SNP 32	TLR 8 (176)	AB291813	Exon 1	F(A): GAAGTACCCCGAAGAGTGTA F(G): GAAGTACCCCGAAGAGTGTA R: CGCTTAGATCCAGTACTCTTA	Designed
SNP 33	TLR 8 (265)	AB291813	Exon 1	F(A): GGGCTGCAAAATCTGACTAAAA F(G): GGGCTGCAAAATCTGACTAAAG R: GGAAATATTAATGTACTGGGGATA	Designed
SNP 34	TLR 8 (534)	AB291813	Exon 1	F(A): TGGAACTGCTATTTTACTTGAATGAA F(C): TGGAACTGCTATTTTACTTGAATGAC R: CAAATGATGCAGATCTCAAAACCA	Designed
SNP 35	TLR 8 (570)	AB291813	Exon 1	F(A): ATAGACGAGGGAGCATTGAAAATTTA F(T): ATAGACGAGGGAGCATTGAAAATTT R: TGCAGCACCTTCAAATGATGCAGA	Designed
SNP 36	TLR 9 (872)	CU915558	Intron 1	F(A): GGTGGAGTTGTGGCCATGTA F(G): GGTGGAGTTGTGGCCATGTG R: GCACCTCCGTGAGATTGTTGTA	Designed
SNP 37	TLR 9 (905)	CU915558	Intron 1	F: TCAATGAACGCTCTAGGT R: TGTAGCTCAGGTTACGCTC	Designed
SNP 38	TLR 9 (1126)	CU915558	Intron 1	F: TCAATGAACGCTCTAGGT R(A): CGAAGTCGGAGTCGT R(G): CGAAGTCGGAGTCGC	Designed
SNP 39	TLR 9 (1186)	CU915558	Intron 1	F(C): AACCTCAAGTGGAACTGCC F(T): AACCTCAAGTGGAACTGCCT R: GCACCTCCGTGAGATTGTTGTA	Designed