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Supplemental Table 1
PCR primers and amplification conditions

Gene	Polymorphism	PCR primers	Amplification conditions
TLR2	Arg753Gln	Up 5′-GTCGGAATGTCACAGGACAGC-3′ Dn 5′-GAACCTAGGACTTTATCGCAGC-3′	94°C 4 min (1×), 94°C 1 min 45 sec, 70°C 1 min, 72°C 1 min (45×), 72°C 10 min
TLR4	Asp299Gly	Up 5′-GATTAGCATACTTAGACTACTACCTCGATG-3′ Dn 5′-GATCAACTTCTGGCCCCAGCATTCCCAC-3′	95°C 4 min (1×), 95°C 30 sec, 55°C 30 sec, 72°C 30 sec (35×), 72°C 10 min.
	Thr399Ile	Up 5′-GGTTGCTGTTCTCAAAGTGATTTTGGGAGAA-3′ Dn 5′-ACCTGAAGACTGGAGAGTGAGTTAAATGCT-3′	Same as for Asp299Gly
TLR9	−1486T/C, −1237T/C	Up 5′-ACTTACTATGTGCTGGGCACTG-3′ Dn 5′-CCTGCTTGCAGTTGACTGTGTA-3′	Same as for TLR2
	1174G/A	Up 5′-TTCTGCAGGTAGGGCTTGGAG-3′ Dn 5′-GACAAGGAAAGGCTGGTGACAT-3′	Same as for TLR2

Supplemental Table 2
Common and allele-specific ligase detection reaction (LDR) primers and FlexMap microspheres*

Gene	SNP	GenBank accession no.	Primer sequence	FlexMap microsphere
	753Arg	rs5743708	5′-TCAATTACCTTTTCAATACAATACattccccagcgcttctgcaagctgcg-3′	24
TLR2	753Gln		5′-TCAATTACTTCACTTTAATCCTTTattccccagcgcttctgcaagctgca-3′	33
	753 common		5′/Phos/ gaagataatgaacaccaagacctac3′ Biotin	
	299Asp	rs4986790	5′-AATCCTTTTACATTCATTACTTACgcatacttagactactacctcgatga-3′	8
	299Gly		5′-TACACTTTATCAAATCTTACAATCgcatacttagactactacctcgatgg-3′	3
	299 common		5′/Phos/tattattgacttatttaattgkttg3′ Biotin	
TLR4				
	399Thr	rs4986791	5′-TAATTATACATCTCATCTTCTACAtgttctcaaagtgattttgggacaac-3′	53
	399Ile		5′-CTACTATACATCTTACTATACTTTtgttctcaaagtgattttgggacaat-3′	14
	399 common		5′/Phos/carcctaaagtatttagatctgagc3′ Biotin	
	−1486T	rs187084	5′-TACACTTTCTTTCTTTCTTTCTTTgatgcagataaaagatcactgcccttt-3′	12
	−1486C		5′-TCAAAATCTCAAATACTCAAATCAgatgcagataaaagatcactgccctc-3′	18
	−1486 common		5′/Phos/aagaagctgacattccagcagggga3′ Biotin	
	−1237T	rs5743836	5′-CTACAAACAAACAAACATTATCAAggtcatatgagacttgggggagtttt-3′	28
TLR9	−1237C		5′-TTACCTTTATACCTTTCTTTTTACggtcatatgagacttgggggagtttc-3′	30
	−1237 common		5′/Phos/caggcagagggaacagcacatccca3′ Biotin	
	1174G	rs352139	5′-CTTTTCATCAATAATCTTACCTTTcccatgaagtggagtgggtggaggtg-3′	65
	1174A		5′-CTATAAACATATTACATTCACATCcccatgaagtggagtgggtggaggta-3′	69
	1174 common		5′/Phos/gagctgggggggccggccactcacac3′ Biotin	

*"k" indicates degenerate G/T primers; "r" indicates G/A. Nucleotides in upper case letters (24 bases) represent the "TAG" sequence added to the 5′ end of each allele-specific LDR primer. Primer sequences were designed based on Genbank single nucleotide polymorphism (SNP) accession numbers.