

Web Table 1. Primer and Probe Sequences

TaqMan Assays

Gene symbol: *ABCB1*
Variant: rs1045642
Forward primer: CTGTTTGACTGCAGCATTGCT
Reverse primer: ATGTATGTTGGCCTCCTTTGCT
FAM-probe: CCCTCACAATCTCTT
VIC-probe: CCCTCACGATCTCTT

Gene symbol: *ADH1B*
Variant: rs1229984
Forward primer: CTCTTTATTCTGTAGATGGTGGCTGTAG
Reverse primer: CTCATGGCCTAAAATCACAGGAA
FAM-probe: TGGTCATCTGTGCGACA
VIC-probe: CTGTGTGACAGATTC

Gene symbol: *ADH1B*
Variant: rs17033
Forward primer: CCTTCCCCTGTAGCAGTCTTCA
Reverse primer: TGAATTAATGATATTTCTAGCTGTTGCT
FAM-probe: CCTACGAGATCTGG
VIC-probe: ACCCTACAAGATCTG

Gene symbol: *ADH1B*
Variant: rs2066702
Forward primer: GTGGGTTGTCTAAATGTAAACACAATGT
Reverse primer: GGAGGCTGAAGACTGCTACAG
FAM-probe: ACGGTACAGATACTG
VIC-probe: ACGGTACGATACTG

Gene symbol: *ADH1C*
Variant: rs1693482
Forward primer: TGA CTGATGGAGGTGTGGATTTT
Reverse primer: GCAGAAATTT CAGGGCATGTC
FAM-probe: ATCGGTTCGGCTTGA
VIC-probe: CATCGGTCAGCTTG

Gene symbol: *ADH1C*
Variant: rs698
Forward primer: GCTAAGAAGTTTTCACTGGATGCAT
Reverse primer: AGCGAAGCAGGTCAAATCCTT
FAM-probe: TTCAAAGGTAAAACATTT
VIC-probe: TTCAAAGGTAAAATATTT

Gene symbol: *ADRB2*
Variant: rs1042713
Forward primer: CGGCAGCGCCTTCTTG
Reverse primer: TGCGTGACGTCGTGGTC
FAM-probe: ACCCAATGGAAGCC
VIC-probe: CACCCAATAGAAGCC

Gene symbol: *ADRB3*
Variant: rs4994
Forward primer: GCAACCTGCTGGTCATCGT
Reverse primer: ACGAACACGTTGGTCATGGT
FAM-probe: TCGGAGTCCAGGCGA
VIC-probe: TCGGAGTCCGGGCGA

Gene symbol: *ALAD*
Variant: rs1800435
Forward primer: ACCCACACCCACACAGGTA
Reverse primer: CAAGGGCCTCAGCATCTCTT
FAM-probe: CCAGCCGCTTCACA
VIC-probe: CCAGCCGGTTCACA

Gene symbol: *B9D2 (formerly MGC4093)*
Variant: rs1800468
Forward primer: CGTGGAGTGCTGAGGGACTCT
Reverse primer: GCCATCCTCCCCATCAC
FAM-probe: CCAACGTCACCACCA
VIC-probe: CTCCAACATCACCACC

Gene symbol: *B9D2 (formerly MGC4093)*
Variant: rs1800469
Forward primer: AAGGAGAGCAATTCTTACAGGTGTCT
Reverse primer: GCCTCCGGAGGGTGTCA
FAM-probe: CATCCTTCAGGTGTC
VIC-probe: CCATCCCTCAGGTGT

Gene symbol: *CAPN10*
Variant: rs3792267
Forward primer: GTGTGTGGGCAGAGGACTG
Reverse primer: CCTCACCAAGTCAAGGCTTAGC
FAM-probe: CCTTCAAACGCCTTAC
VIC-probe: CACCTTCAAATGCCTTAC

Gene symbol: *CAT*
Variant: rs769214
Forward primer: TTTACTCTTCAACATAGCTTTTTAAAGACACAAAG
Reverse primer: CTGCCAAATTGGCTTCTTTAAACACT
FAM-probe: CCCCAAATTTTACCCCCAG
VIC-probe: TCCCCAAATTTTACTCCCAG

Gene symbol: *CCL5*
Variant: rs2280788
Forward primer: GCTATTTTGGAAACTCCCCTTAGG
Reverse primer: CTCAGGCTGGCCCTTTATAGG
FAM-probe: ATGCCCTGAACTG
VIC-probe: ATGCCCTCAACTG

Gene symbol: *CCR2*
Variant: rs1799864
Forward primer: CGGTGCTCCCTGTCATAAATTTGA
Reverse primer: GTCAGTCAAGCACTTCAGCTTTT
FAM-probe: ACATGCTGGTCGTCCT
VIC-probe: ACATGCTGGTCATCCT

Gene symbol: *CYP1A1*
Variant: rs2472299
Forward primer: CACATGTTGAGCTGAGGAGTTCA
Reverse primer: TGAGCATGTCAGATCTCTAATCAAAAATCC
FAM-probe: AGGCATTCAGAACAA
VIC-probe: AGGCATTCAGAATAA

Gene symbol: *CYP1A1*
Variant: rs2606345
Forward primer: TGACCATCTTCTTTGTCCTTTGC
Reverse primer: TTCCAGCTCCCTGCAGTTG
FAM-probe: ATCAGGTTGACAGATT
VIC-probe: TCAGGGTGACAGATT

Gene symbol: *CYP1A2*
Variant: rs11854147
Forward primer: GGTCACAGGGTCTAAGCTACCT
Reverse primer: GCCATTGTTTCTTCCAGGACTTG
FAM-probe: CAAGGGATCCCTGCAC
VIC-probe: CAAGGGACCCCTGCAC

Gene symbol: *CYP1A2*
Variant: rs2069514
Forward primer: AGCTATACATGACATATGCACTTTTCCA
Reverse primer: CGTGATGGTGCACACCTGTAATT
FAM-probe: CGCCTCTCGGATTCA
VIC-probe: CGCCTCTCAGATTCA

Gene symbol: *CYP1A2*
Variant: rs4886406
Forward primer: TTCTTCAGGCACTACCCTCTCA
Reverse primer: CCCAGCAGGAAACAGTTTAATTCTGA
FAM-probe: CCTAACCCCTTGTAATAA
VIC-probe: CTAACCCCGTGAATAA

Gene symbol: *CYP1B1*
Variant: rs1056836
Forward primer: TGTCAACCAGTGGTCTGTGAATC
Reverse primer: TCACTCTGCTGGTCAGGTCCTT
FAM-probe: ACCCAGTGAAGTGG
VIC-probe: ATGACCCACTGAAGTG

Gene symbol: *CYP1B1*
Variant: rs1056837
Forward primer: GGCCTAACCCGGAGAACTTT
Reverse primer: TCACTCTGCTGGTCAGGTCCTT
FAM-probe: CAAGGATGGCCTCAT
VIC-probe: AAGGACGGCCTCAT

Gene symbol: *CYP1B1*
Variant: rs162557
Forward primer: TTGCTGGTTTCAATCTCTCAAGAAGT
Reverse primer: TGACCCTGGAATGACTGATTACATTG
FAM-probe: TCTGAAAAGAATCTG
VIC-probe: TCTGAAGAGAATCTG

Gene symbol: *CYP2A6*
Variant: rs1801272
Forward primer: AGGAGGCGGGCTTCCT
Reverse primer: TCGTCCTGGGTGTTTTTCCT
FAM-probe: TCGACGCCCTCCGGGGC
VIC-probe: TCGACGCCACCGGGGC

Gene symbol: *CYP2C19*
Variant: rs4986894
Forward primer: AAGGAGCATATAGTGGGCCTAGGT
Reverse primer: ATGCTAATTAAGTGTGTGTGCCTCTT
FAM-probe: TGATGGATAAAGTGGC
VIC-probe: ATGGATGAAGTGGCCA

Gene symbol: *CYP2C9*
Variant: rs1057910
Forward primer: GCCACATGCCCTACACAGATG
Reverse primer: GAATTTAATGTACAGGTCACACTGCAT
FAM-probe: AAGGTCAAGGTATCTC
VIC-probe: AGGTCAATGTATCTCT

Gene symbol: *CYP3A4*
Variant: rs2740574
Forward primer: TGGAATGAGGACAGCCATAGAGA
Reverse primer: AGTGGAGCCATTGGCATAAAATCT
FAM-probe: AAGGGCAGGAGAGAG
VIC-probe: AAGGGCAAGAGAGAG

Gene symbol: *F5*
Variant: rs6025
Forward primer: CATGTTCTAGCCAGAAGAAATTCTCAGA
Reverse primer: CTGGGCTAATAGGACTACTTCTAATCTGT
FAM-probe: CAGGCAAGGAATAC
VIC-probe: AGGCGAGGAATAC

Gene symbol: *FAM82A*
Variant: rs163086
Forward primer: TCGTGCCTTGGTTCTTCTCTCT
Reverse primer: ATCAGAACCCTTCCGTCTCTCA
FAM-probe: CAGTGTTACGGGCT
VIC-probe: CCAGTGCTCACGGG

Gene symbol: *FCGR2A*
Variant: rs1801274
Forward primer: CCAGAATGGAAAATCCCAGAAAT
Reverse primer: TTTGCTTGTGGGATGGAGAAG
FAM-probe: TCTCCCGTTTGGATC
VIC-probe: CTCCATTTGGATCC

Gene symbol: *FCB*
Variant: rs1800790
Forward primer: GTTATTTTGATTAATGTCTAAAACAAAAGATAAACACATTATGAT
Reverse primer: GCAACCACTAAAATCGTGACTCATT
FAM-probe: CTATTGATTTTAATGGCCCC
VIC-probe: TTACTATTGATTTTAATAGCCCC

Gene symbol: *IL10*
Variant: rs1800871
Forward primer: GAGGAAACCAAATTCTCAGTTAGCA
Reverse primer: TTATAGTGAGCAAAGTGGGCACAG
FAM-probe: AGGTGATGTAATATCT
VIC-probe: AGGTGATGTAACATCT

Gene symbol: *IL10*
Variant: rs1800872
Forward primer: GGTAAGGAGCCTGGAACACATC
Reverse primer: GCCCTTCCATTTTACTTTCCAGAGA
FAM-probe: TGGCTTCTACAGGAC
VIC-probe: CTGGCTTCTACAGTAC

Gene symbol: *IL10*
Variant: rs1800896
Forward primer: ACACACACAAATCCAAGACAACACT
Reverse primer: GCTGGATAGGAGGTCCCTTACTTT
FAM-probe: TCCCCCTCCCAAAG
VIC-probe: TCCCCCTCCCAAAGA

Gene symbol: *IL1B*
Variant: rs1143623
Forward primer: AGGTATCGTGCTCGCTCTG
Reverse primer: TCGTGTCTCAAATACTTGCACAGA
FAM-probe: CTCCCTTGCATAATG
VIC-probe: ACTCCCTTGGATAATG

Gene symbol: *IL4*
Variant: rs2243248
Forward primer: ACTGACTAGGAGGGCTGATTTGTAA
Reverse primer: GGAACCTAAACACATCCTCAGCTAA
FAM-probe: AGCTACCGTCTTACC
VIC-probe: AGAGCTACAGTCTTAC

Gene symbol: *IL4*
Variant: rs2243250
Forward primer: GACCTGTCCCTTCTCAAAACACCTAA
Reverse primer: GGCAGAATAACAGGCAGACTCT
FAM-probe: CATTGTTCCCCAGTGCT
VIC-probe: CATTGTCCCCAGTGCT

Gene symbol: *IL4*
Variant: rs2243270
Forward primer: CAAACAGTATCAACAGTTGACCCCTAT
Reverse primer: CTCATCCCACCAGCCAGAG
FAM-probe: AAATATTAACAGCAGTAGTTAC
VIC-probe: AAAATATTAACAGCAATAGTTAC

Gene symbol: *IL4R*
Variant: rs1801275
Forward primer: GCCGAAATGTCCTCCAGCAT
Reverse primer: CCTGCTCCACCGCATGTA
FAM-probe: CAGTGGCTATCGGGAGT
VIC-probe: CAGTGGCTATCAGGAGT

Gene symbol: *IL4R*
Variant: rs1805015
Forward primer: AGGCAACCCTGCTTACCG
Reverse primer: TCTCTGGGACACGGTGACT
FAM-probe: TTCAGCAACTCCCTG
VIC-probe: CTCAGCAACCCCCTG

Gene symbol: *ITGA2*
Variant: rs1126643
Forward primer: CATCCCAGACATCCCAATATGGT
Reverse primer: GGCCTATTAGCACCAAACTTACCT
FAM-probe: TTGCTCAAATGTG
VIC-probe: AATTGCTCCGAATGTG

Gene symbol: *MBL2*
Variant: rs11003125
Forward primer: CCAACGTAGTAAGAAATTTCCAGAGA
Reverse primer: CAACCCAGCCCAGAATTAAC TG
FAM-probe: AGCCTGTGTAAAAC
VIC-probe: CCTGTCTAAAACACC

Gene symbol: *MBL2*
Variant: rs1800450
Forward primer: GGCTTCCCAGGCAAAGATG
Reverse primer: AGCCCAACACGTACCTGGTT
FAM-probe: CCTGGTGCCATCA
VIC-probe: CCTGGTGT CATCAC

Gene symbol: *MBL2*
Variant: rs1800451
Forward primer: GGCTTCCCAGGCAAAGATG
Reverse primer: AGCCCAACACGTACCTGGTT
FAM-probe: ACCAAGGGAGAAAA
VIC-probe: CAAGGAAGAAAAGG

Gene symbol: *MBL2*
Variant: rs5030737
Forward primer: CCTGTAGCTCTCCAGGCATCA
Reverse primer: AGCCCAACACGTACCTGGTT
FAM-probe: CATCACACCCATCTT
VIC-probe: ATCACGCCCATCTT

Gene symbol: *MBL2*
Variant: rs7096206
Forward primer: GCACGGTCCCATTTGTTCTCA
Reverse primer: GCGTTGCTGCTGGAAGACTATAAA
FAM-probe: CATGCTTTCCGTGGCAG
VIC-probe: CATGCTTTCCGTGGCAG

Gene symbol: *MTHFR*
Variant: rs1801131
Forward primer: GGAGGAGCTGCTGAAGATGTG
Reverse primer: CCCGAGAGGTAAAGAACAAAGACTT
FAM-probe: AGACACTTGCTTCACT
VIC-probe: CAAAGACACTTTCTTC

Gene symbol: *MTRR*
Variant: rs1801394
Forward primer: CATGCCTTGAAGTGATGAGG
Reverse primer: GATCTGCAGAAAATCCATGTACCA
FAM-probe: CTTGCTCACACATTT
VIC-probe: TGCTCACATATTTTC

Gene symbol: *NAT2*
Variant: rs1041983
Forward primer: CAGACCACAATGTTAGGAGGGTATT
Reverse primer: CCATGCCAGTGCTGTATTTGTTA
FAM-probe: CTGGAGGGATATAAA
VIC-probe: ACTGGAGGGATGTAAA

Gene symbol: *NAT2*
Variant: rs1208
Forward primer: CTCTCACTGAGGAAGAGGTTGAAGA
Reverse primer: ACGAGATTTCTCCCAAGGAA
FAM-probe: AGTGCTGAGAAATA
VIC-probe: AGTGCTGAAAAAT

Gene symbol: *NAT2*
Variant: rs1799930
Forward primer: CTGCCAAAGAAGAAACACCAAAA
Reverse primer: TGGAGACGTCTGCAGGTATGTATT
FAM-probe: ACCTCGAACAATTG
VIC-probe: TGAACCTCAAACAATT

Gene symbol: *NAT2*
Variant: rs1801279
Forward primer: GGAGTTGGGCTTAGAGGCTATTTT
Reverse primer: CAGAAGTTGATTGACCTGGAGACA
FAM-probe: CCACCCCGGTTTC
VIC-probe: CCCACCCTGGTTTC

Gene symbol: *NAT2*
Variant: rs1801280
Forward primer: CACTGGCATGGTTCACCTTCT
Reverse primer: ACATCTGGGAGGAGCTTCCA
FAM-probe: TGACCATTGACGGCAG
VIC-probe: TGACCACTGACGGCA

Gene symbol: *NOS3*
Variant: rs1799983
Forward primer: GGCTGGACCCCAGGAAA
Reverse primer: CACCCAGTCAATCCCTTTGGT
FAM-probe: CCCAGATGATCCCCCA
VIC-probe: CCAGATGAGCCCCCA

Gene symbol: *NOS3*
Variant: rs2070744
Forward primer: ACCAGGGCATCAAGCTCTTC
Reverse primer: GCAGGTCAGCAGAGAGACTAG
FAM-probe: CAGGGTCAGCCAGCCA
VIC-probe: CAGGGTCAGCCGGCCA

Gene symbol: *NQO1*
Variant: rs10517
Forward primer: CCAAGGTCATGGGACTGGAC
Reverse primer: CAGAAGGTTATTTTCTTTATCATTGCTAAACTGAT
FAM-probe: CATCCCATGGTAAGTC
VIC-probe: CCATCCCATAGTAAGTC

Gene symbol: *NQO1*
Variant: rs1800566
Forward primer: TGCATTTCTGTGGCTTCCAA
Reverse primer: CTGGAGTGTGCCCAATGCTATA
FAM-probe: TCAGTTGAGATTCTAAG
VIC-probe: TGTCAGTTGAGGTTCT

Gene symbol: *NQO1*
Variant: rs34755915
Forward primer: TCTAGGACAATAAGCACGCAAATGT
Reverse primer: CCGCAGACCTTGTGATATTCCA
FAM-probe: CTGACACCCCTTCC
VIC-probe: CCTGACACCCCTTCC

Gene symbol: *NQO1*
Variant: rs689452
Forward primer: TGCCTACAGAGACACACACAAAG
Reverse primer: GAAGGTTTGCTGGTTGGTAATGG
FAM-probe: CACACAGGGAAAAC
VIC-probe: CACACACGGAAAAC

Gene symbol: *NQO1*
Variant: rs689453
Forward primer: CACCTCCCATCCTTTCTTCTTCAAA
Reverse primer: ATCGTACTGGCTCACTCAGAGA
FAM-probe: ATGAAGGAAGCTGCTG
VIC-probe: ATGAAGGAGGCTGCTG

Gene symbol: *OGG1*
Variant: rs1052133
Forward primer: CCCTCCTACAGGTGCTGTTCAG
Reverse primer: ACCCTTTCTGCGCTTTGCT
FAM-probe: CCAATCCCGCCATG
VIC-probe: CCAATGCCGCCATG

Gene symbol: *PON1*
Variant: rs662
Forward primer: CACTTTTATGGCACAAATGATCACT
Reverse primer: CCACGCTAAACCCAAATACATCTC
FAM-probe: CCTACTTACGATCCTG
VIC-probe: CCTACTTACAATCCTG

Gene symbol: *PON1*
Variant: rs854560
Forward primer: GAAAACACTCACAGAGCTAATGAAAGC
Reverse primer: ACAACCTGTACTTTCTGTCTCTTTTCTG
FAM-probe: CAGTATCTCCATGTCTTC
VIC-probe: AGTATCTCCAAGTCTTC

Gene symbol: *PPARG*
Variant: rs1801282
Forward primer: GTTATGGGTGAAACTCTGGGAGATT
Reverse primer: GCAGACAGTGTATCAGTGAAGGAAT
FAM-probe: CTATTGACGCAGAAAG
VIC-probe: CTCCTATTGACCCAGAAAG

Gene symbol: *TGFBI*
Variant: rs1982073
Forward primer: CCCACCACACCAGCCCTGTTC
Reverse primer: TTCCGCTTACCAGCTCCATGT
FAM-probe: TAGCAGCAGCAGCAGCAGCAGCCG
VIC-probe: TAGCAGCAGCGGCAGCAGCC

Gene symbol: *TLR4*
Variant: rs4986790
Forward primer: CCATTGAAGAATTCCGATTAGCATA
Reverse primer: CACTCACCAGGGAAAATGAAGAA
FAM-probe: CTCGATGGTATTATTG
VIC-probe: CCTCGATGATATTATT

Gene symbol: *TNF*
Variant: rs1800629
Forward primer: CCAAAAGAAATGGAGGCAATAGGTT
Reverse primer: GGACCCTGGAGGCTGAAC
FAM-probe: CCCGTCCCCATGCC
VIC-probe: CCCGTCTCATGCC

Gene symbol: *TNF*
Variant: rs1800750
Forward primer: CCCCTCCCAGTTCTAGTTCTATCTT
Reverse primer: CCTATTGCCTCCATTTCTTTTGG
FAM-probe: TTCCTTCTAACTTCC
VIC-probe: TTCCTTCTAATTCC

Gene symbol: *TNF*
Variant: rs361525
Forward primer: CAGTCAGTGGCCCAGAAGAC
Reverse primer: AGCATCAAGGATACCCCTCACA
FAM-probe: CCCTGCTCCGATTC
VIC-probe: CTCCTGCTCTGATTC

Gene symbol: *VDR*
Variant: rs2239185
Forward primer: GGGAAAGACGAAACAGCAACAC
Reverse primer: CCCCTCCCTCACCTGTGT
FAM-probe: CTGTCTTCACACCTGCA
VIC-probe: CTGTCTTCACGCCTGCA

Gene symbol: *XRCC1*
Variant: rs1799782
Forward primer: GAGGATGAGAGCGCCAACTC
Reverse primer: CTCACTCAGGACCCACGTTGT
FAM-probe: TTCAGCCGGATCAA
VIC-probe: CTCAGCTGGATCAA

Gene symbol: *XRCC1*
Variant: rs25486
Forward primer: TGTCTCTCTCTCTCTCTGTCTGTCT
Reverse primer: GATGCCAGTTAGGTGTGATCTGA
FAM-probe: CTGTCTCGTTCCCC
VIC-probe: CTGTCTCATTCCCC

Gene symbol: *XRCC1*
Variant: rs25487
Forward primer: GTGGGTGCTGGACTGTCA
Reverse primer: GCAGGGTTGGCGTGTGA
FAM-probe: CCTCCCGGAGGTAA
VIC-probe: CCCTCCAGAGGTAA

Gene symbol: *XRCC1*
Variant: rs25489
Forward primer: GTGGTGCTAACCTAATCTACTCTTTGTCT
Reverse primer: TGGGCTCGGTGCCTTCT
FAM-probe: AGCTCCAACTCGTACCCCAGCCA
VIC-probe: CAGTCCAACTCATACCCCAGCCA

MGB Eclipse Probe System Assays

Gene symbol: *ADRB1*
Variant: rs1801252§
Forward primer: CGCCCN*CCTCGTTN*CTGCCT
Reverse primer: CTGTCCACTGCTGAGACAGC
FAM-probe: CCAGCGAAGGCC
VIC-probe: CCAGCGAAAGCC

Gene symbol: *CBS*
Variant: none§
Forward primer: CTGGCCTTGAGCCCTGAA
Reverse primer: TTGTCTGCTCCGTCTGGTT
FAM-probe: GCTCCTCCGGCTC
VIC-probe: CACCTGGA*TGA*TC

Gene symbol: *CXCL12*
Variant: rs169097
Forward primer: CCATCATCATGTGTGTCCACGACT
Reverse primer: AGA*CA*TTTTCA*TTTCCTGCTTG
FAM-probe: CCCCACAAAAGGA
VIC-probe: ATGGCCCTGCAA

Gene symbol: *CYP2C19*
Variant: rs4986893
Forward primer: GATCA*GCAA*TTTCTTA*ACTTGATG
Reverse primer: GACTGTAAGTGGTTTCTCAGGA
FAM-probe: ACCCCCTGAATCC
VIC-probe: CACCCCTGGAT

Gene symbol: *CYP2E1*
Variant: rs2031920
Forward primer: AGTGA*TTTGGCTGGATTG
Reverse primer: GTGTGTGGTTAGA*ATGAAGAG
FAM-probe: AAAAG*T*ACAAA*A*TTGC
VIC-probe: AAAAG*T*AT*AAA*A*T*T*GCA

Gene symbol: *ITGB3*
Variant: rs59188
Forward primer: TGCAGGAGGTAGAGAGTCGCCATA
Reverse primer: CAGCAGATTCTCCTTCAGGTCACA
FAM-probe: CTCCGG*GCTCAC
VIC-probe: CTCTGG*GCTCAC

Gene symbol: *MTHFR*
Variant: rs1801133
Forward primer: GGAAGAATGTGTCAGCCTCAAA
Reverse primer: GACCTGAAGCACTTGAAGGAGA
FAM-probe: ATCGGCTCCCGC
VIC-probe: AATCGACTCCCGC

Gene symbol: *MTHFR*
Variant: rs2066470
Forward primer: AGATTCCAATCGCCGCCTCATCTTC
Reverse primer: GCTCCAAAGATAGTTCGAGATGTTCC
FAM-probe: GCTCGG*GGTCCA
VIC-probe: CGCTCAGG*GTCCA

Gene symbol: *NOS2A*
Variant: rs1800482§
Forward primer: GGCA*GATCACTTGAGCTTCAGA
Reverse primer: GAGACTGGGTTTCACCATGTTGT
FAM-probe: TTCGACACCAGC
VIC-probe: TTCGAGACCAGC

Gene symbol: *NOS2A*
Variant: rs9282799§
Forward primer: AATA*ACAATA*CA*TTAGGGAGAA
Reverse primer: TGAGTGGACAGTGGTAGCAA
FAM-probe: TCACCGTCCCAA
VIC-probe: CTCACCATCCCAA

Gene symbol: *SERPINE1*
Variant: rs1799762, rs1799768, rs1799889§
Forward primer: CAGACAAGGTTGTTGACACAAGAGA
Reverse primer: CGATGATACACGGCTGACT
FAM-probe: ACGTGG*GGAGTCA
VIC-probe: ACGTGG*GG*GAGT

Gene symbol: *VDR*
Variant: rs731236§
Forward primer: GGATCATCTTGGCATAGAGCAGGT
Reverse primer: TATCCCCGTGCCACA
FAM-probe: ATGGCCTCGATCA
VIC-probe: ATGGCCTCAATCAG

Gene symbol: *XRCC1*
Variant: rs1001581
Forward primer: AA*GCTGACCTGGTGGAGTCT
Reverse primer: CTCCATGCAGCACA*GGGTAT
FAM-probe: TGG*GN*GCGTATG
VIC-probe: GGTGG*GN*GCATA

Pyrosequencing Assays

Gene symbol: *ADRB2*
Variant: rs1042714§
Forward primer†: GAACGGCAGCGCCTTCTT
Reverse primer: ACATGACGATGCCCATGC
FAM-probe: CACACCTCGTCCCTT

Gene symbol: *F2*
Variant: rs1799963§
Forward primer†: AGAGTAGGGGGCCACTCATATTCT
Reverse primer: ATAGCACTGGGAGCATTGAGG
FAM-probe: CTGGGAGCATTGAGG

Capillary Fragment Analysis

Gene symbol: *ACE*
Variant: rs4646994§
Forward primer‡: CTGGAGACCACTCCCATCCTTTCT
Reverse primer: GATGTCGCCATCACATTCGTCAGAT

* Proprietary modified superbase (Super GTM, Super ATM, or Super TTM). N* is a universal proprietary modified base, Super NTM (Nanogen [formerly Epoch Biosciences], Bothell, Washington).

† Primer biotinylated at 5' end.

‡ Primer labeled with FAM at 5' end.

§ Variant was genotyped on all specimens in the Division of Laboratory Sciences, National Center for Environmental Health, Centers for Disease Control and Prevention, Atlanta, GA.