

S3 Table. Primer and probe sequences for the SNPtype assay

Gene	rsID	ASP1_SEQ	ASP2_SEQ	LSP_SEQ	STA_SEQ
<i>ABCC4</i>	rs11568658	GGCCTGTGGTTGTCTTCCC	GGCCTGTGGTTGTCTTCCA	ACCTCTTTTATTTCAGGCACCTTCGTCT	TGGACAGCAGATTGACTATCTGG
<i>ABCC4</i>	rs3765534	CCTAAGTACCAGTTAAGATCTAGCTTCTC	CCTAAGTACCAGTTAAGATCTAGCTTCTT	CCCATGTTCCATAGGGCAAACA	CAATACACCAATGATTAACACTTACCTGAA
<i>APEX1</i>	rs2307486	CAAACCTGCCACACTCAAGA	CAAACCTGCCACACTCAAGG	ATCCAGGCTCGAAGCCCAT	AAAACCTCACCCAGTGGC
<i>CYP1A1</i>	rs4646422	GCCCAATCAGAGGCCAGT	GCCCAATCAGAGGCCAGC	GGTCCCCAAAGGCCTGAAGA	GTTCTTTCCAGGGTCAGC
<i>CYP4F2</i>	rs2108622	ACCCATCACAACCCAGCTG	AACCCATCACAACCCAGCTA	GCACCTCAGGGTCCGGC	TGCCTCATCAGTGTTCGG
<i>GRIA1</i>	rs4958351	CCTAGCAGTAGTTTCTAGATATCTAGTTTTTCAT	CCTAGCAGTAGTTTCTAGATATCTAGTTTTTCAC	GGTCTCCCACACCCACTTT	AGCAGAAGCTATCCCTTAGCC
<i>ITPA</i>	rs1127354	GGTCGTTCCAGATTCTAGGAGATAAGTTTA	GGTCGTTCCAGATTCTAGGAGATAAGTTTC	GTCAATTTTCTGTGCCACCAAA	TGTTCTTTTTCTCTTGGAACAGG
<i>ITPA</i>	rs7270101	AAATTGACCGTATGTCCTGTGTTTTGTTTTTA	ATTGACCGTATGTCCTGTGTTTTGTTTTTC	ACAGGAAGACAGAGAAATCCAACCA	ATGCACTTTGGTGGCACA
<i>MOCOS</i>	rs594445	CAACATTTTTTGCCGTCCTTGTA	ACATTTTTTGCCGTCCTTGTC	GCAITCCTTTGAGAGTTTGAACCTTGTGTTG	GGAGAAAAAATTCAAGCTGGTTGT
<i>MTHFR</i>	rs1801131	GAGGAGCTGACCAGTGAAGA	AGGAGCTGACCAGTGAAGC	TCCGGTTTGGTCTCCCGAG	CCAAGGAGGAGCTGCTGA
<i>MTHFR</i>	rs1801133	GCTGCGTGATGATGAAATCGG	AGCTGCGTGATGATGAAATCGA	AGGCTGACCTGAAGCACTTGA	TGTGTGAGCCTCAAAGAAAAGC
<i>MTHFR</i>	rs1901133	TTCCATTGGGTAGAAGAATATTTTCAGC	CTTCCATTGGGTAGAAGAATATTTTCAGT	GAATGCAAAATGAATGGCAAGCTAATTTTAGA	CCCAGAATTACTGAGCATTGACT
<i>NUDT15</i>	rs11685232	GGATCATAGCCTTGTTCTTTTAAACAACG	GGATCATAGCCTTGTTCTTTTAAACAACA	CCTCCCCTGGACCAGCTTT	CACCAGATGGTTCAGATCTTCTTTA
<i>PACSN2</i>	rs2413739	CCTAAGTTTTATTGAGGTCGGACG	GCCTAAGTTTTATTGAGGTCGGACA	GCACCTGAAGGGAGAGCACAA	GATTCCATAGCAGCCCTTGG
<i>SLCO1B1</i>	rs11045879	AGGATCCAGGGTTAATATAACAGAATCAAG	AGGATCCAGGGTTAATATAACAGAATCAAA	GGGCATCTTGATGGCTTCCAA	TTGCAAGGTTTCAGGACACAG
<i>SLCO1B1</i>	rs4149056	CACGAAGCATATTACCCATGAACG	CACGAAGCATATTACCCATGAACA	AAAGGAATCTGGGTCATACATGTGGAT	GTACTIONGGAGTCTCCCTATTTC
<i>TPMT</i>	rs144041067	GCTAAACAAAAAAGAAAAATTACTTACCATTGTC	AGCTAAACAAAAAAGAAAAATTACTTACCATTGTT	CAAATATTGGCAAATTTGACATGATTTGGGAT	CCCAGAAAAAGTATAGTATACTAAAAAATTAAGACAG
<i>TPMT</i>	rs151149760	CACCGAAATTCCTGGAACCAC	TCACCGAAATTCCTGGAACCAA	TGGATACAATTATTTACCCAAATCAAACAAACCTT	ACTCAGAAGAACCAATCACCGA
<i>TPMT</i>	rs1800460	CAAATTTGACATGATTTGGGATAGAGGAA	CAAATTTGACATGATTTGGGATAGAGGAG	ACTTACCATTGCGATCACCTGGA	TAGGACAAATATTGGCAAATTTGACAT
<i>TPMT</i>	rs1800462	CTGTGTCCCCGGTCTGG	TGTGTCCCCGGTCTGC	AAACATAATTTAAGTGAAATGTATGATTTTATGCAGGTT	ACTGATTTCCACCAACTACAC
<i>TPMT</i>	rs75543815	GGATCATAAGAAAGAACACACAGGAGAA	GGATCATAAGAAAGAACACACAGGAGAT	AGATACAATGTTTTCCCTCCTGG	CCAAACAACCTTACTGGATGTTTAG