

Table S1: PCR primer sequences for amplification of *SLCO2A1* (c.584C>A, p.104G>STOP) mutant position in germline DNA.

	Forward_primer_sequence	Reverse_primer_sequence	product size
SLCO2A 1	GTAAAACGACGGCCAGTTGTTACCCATTCCTTA CCC	CAGGAAACAGCTATGACGGGCCTCTTGTCTCACT CAG	285

Both the forward and reverse primers were tagged with universal M13 forward and M13 reverse oligos at the 5' ends, respectively. Sanger sequencing was performed using universal M13 sequencing primers from both directions.

Table S2: PCR primer sequences for amplification of *SLCO2A1* coding sequence in formalin-fixed paraffin-embedded colon tumor DNA.

	Forward_primer_sequence	Reverse_primer_sequence	product size
SLCO2A1-1_1	GTAAACGACGGCCAGTGGCTCCGGCAGACAGAAG	CAGGAAACAGCTATGACGCTCCGCGAATCTCCTC	330
SLCO2A1-1_2	GTAAACGACGGCCAGTCCCTTAATGTTGCCGAAGACC	CAGGAAACAGCTATGACCTGGCTCAGTCTCCGCTC	261
SLCO2A1-2_1	GTAAACGACGGCCAGTTCCTGGATCTTGTGGTCAGC	CAGGAAACAGCTATGACCTGCAGCTCTGC CAACTCC	212
SLCO2A1-2_2	GTAAACGACGGCCAGTACTGGAGAGCCAAAGCG	CAGGAAACAGCTATGACCTAACAGATGGCTGGGAGGG	210
SLCO2A1-3_1	GTAAACGACGGCCAGTTGTGAGATGTTACCCATTCC	CAGGAAACAGCTATGACGGAGGTCTCTTCCTGGCTG	177
SLCO2A1-3_2	GTAAACGACGGCCAGTTACTGGTAGGGCTCGGAGAG	CAGGAAACAGCTATGACAGATCAGCAATGCCATCCTC	182
SLCO2A1-3_3	GTAAACGACGGCCAGTCAGCCAGGAAGAGACCTCC	CAGGAAACAGCTATGACGTCTTCTCTGTGGTGGGTG	194
SLCO2A1-4_1	GTAAACGACGGCCAGTGCTACATCAGGACCTCACCC	CAGGAAACAGCTATGACAGACCAGCAGCATGTGGG	219
SLCO2A1-4_2	GTAAACGACGGCCAGTTAGGAGATCCCAAATGGCTG	CAGGAAACAGCTATGACAGCTCTGCCAGAAGCATTG	194
SLCO2A1-4_3	GTAAACGACGGCCAGTATGCTGCTGGTCTCCTCTG	CAGGAAACAGCTATGACGAGAAAGGCCGGTTTG	222
SLCO2A1-5_1	GTAAACGACGGCCAGTTGTTCTGATTGGATGAGGGG	CAGGAAACAGCTATGACCTGTATTTGGACCGGCTTTC	193
SLCO2A1-5_2	GTAAACGACGGCCAGTCCCTGCCATAGTCCACAAAG	CAGGAAACAGCTATGACCAAGGTGCCAACTCTCTC	183
SLCO2A1-6_1	GTAAACGACGGCCAGTCCACATCCCTTTCTTCAAC	CAGGAAACAGCTATGACGATGGATTGGAGCCTGGTG	197
SLCO2A1-6_2	GTAAACGACGGCCAGTAGGGGAAAGAGGTGAGAACC	CAGGAAACAGCTATGACTCCTGGGAAGAAATCAGTG	238
SLCO2A1-7	GTAAACGACGGCCAGTCTGGCCACTATCCCCTC	CAGGAAACAGCTATGACGGAAGGGTGGCTACAGTGAG	232
SLCO2A1-8_1	GTAAACGACGGCCAGTGAGTGCCTGCCTCCTGG	CAGGAAACAGCTATGACCACCTTCTCCTC CGTCATTG	192
SLCO2A1-8_2	GTAAACGACGGCCAGTCTGCTGAGGTGCCATACCTGC	CAGGAAACAGCTATGACAGGGTTTCCATGCATCTTC	180
SLCO2A1-8_3	GTAAACGACGGCCAGTCAATGACGGAGGAGAAAGTG	CAGGAAACAGCTATGACCATCCCCTAGGTGTGCCTG	185
SLCO2A1-9_1	GTAAACGACGGCCAGTTAACAGCCAGATCTAAGCCC	CAGGAAACAGCTATGACATTCCCCGCATAGCTACCAC	204
SLCO2A1-9_2	GTAAACGACGGCCAGTTAGACTTCGGCCACAGTTGG	CAGGAAACAGCTATGACCTTGGGGATGCTGTTTGG	190
SLCO2A1-9_3	GTAAACGACGGCCAGTATGATGGTGGTAGCTATGCG	CAGGAAACAGCTATGACTTTGTAGCCCACATGCAGTC	206
SLCO2A1-10_1	GTAAACGACGGCCAGTTGAGCTCCGAGATCCTGTG	CAGGAAACAGCTATGACTCTATCTTCCACC CGGTCTG	194
SLCO2A1-10_2	GTAAACGACGGCCAGTGCTCATGTTGATGTTGTGCTG	CAGGAAACAGCTATGACCCGCAGTCTCCTGCCTG	160
SLCO2A1-10_3	GTAAACGACGGCCAGTCCATTGTCTCCACAGACCG	CAGGAAACAGCTATGACACACTGGGCTGGAGTGTAGG	200
SLCO2A1-11_1	GTAAACGACGGCCAGTCGCAAAGTCAAAGGGAATG	CAGGAAACAGCTATGACCTGTGCCCACTTCTGTCTC	198
SLCO2A1-11_2	GTAAACGACGGCCAGTGGTTGTGGGAGATGCAGG	CAGGAAACAGCTATGACTTTGAACTGCAGCTGTGTGAC	171
SLCO2A1-11_3	GTAAACGACGGCCAGTAGGAAGTGGGCACAGGG	CAGGAAACAGCTATGACCAAGAGCTGGTGCAGACG	200
SLCO2A1-12	GTAAACGACGGCCAGTACCCATAGCCTTCAGATGCC	CAGGAAACAGCTATGACCTTACCCAAGGATCGTGC	229
SLCO2A1-13_1	GTAAACGACGGCCAGTACTGTCATCTCAAGCCCAGG	CAGGAAACAGCTATGACCACCATTGACCACTCCTGC	185
SLCO2A1-13_2	GTAAACGACGGCCAGTCATAGTAGGCGCAGGCC	CAGGAAACAGCTATGACGACACCTCTGCC TGCAGTTC	189

SLCO2A1-14_26	GTAAACGACGGCCAGTGACGTGTTAACATTAG TGAGTATAGGC	CAGGAAACAGCTATGACGCTGCTTTGCTT CATCAGC	193
SLCO2A1-14_27	GTAAACGACGGCCAGTGGGTGGGGTCAGATGA GG	CAGGAAACAGCTATGACGGATGTGGGCT GCAGAG	215

All the above primers are tagged with universal M13 forward and M13 reverse oligos at the 5' ends of forward and reverse primers, respectively. Sanger sequencing was performed using universal M13 sequencing primers from both directions.