

**Supplemental Table.** Candidate genes included in association analysis.

CHR	GENE
1	CYP4B1, CYP4Z1, SLC16A1
2	ABCB11, CYP1B1, CYP20A1, GNLY, SLC5A6, SULT1C2, SULT1C3, SULT1C4
3	ABCC5, CYP8B1, SLC15A2, SLC02A1
4	ABCG2, SULT1B1, SULT1E1
5	SLC22A4, SLC22A5, SLC05C1
6	ABCC10, ABCF1, CYP39A1, HLA-A, HLA-B, HLA-C, HLA-DMA, HLA-DMB, HLA-DOA, HLA-DOA, HLA-DPA1, HLA-DQB1, HLA-DQB2, HLA-DRA, HLA-DRB1, HLA-DRB5, HLA-E, HLA-F, HLA-G, HLA-H, SLC22A1, SLC22A2, SLC22A3, SLC22A7, SLC29A1, SLC39A7, SLC44A4
7	ABCB1, ABCB4, CYP3A4, CYP3A43, CYP3A5, CYPEA7, CYP51A1, SLC13A1, SLC29A4
8	CYP11B1, CYP11B2, CYP7A1, SLC05A1, SULF1
9	SLC28A3
10	ABCC2, CYP17A1, CYP2C18, CYP2C19, CYP2C8, CYP2C9, CYP2E1, SLC29A3, SLC29A3
11	ABCC8, SLC22A6, SLC22A8, SLC22A9, SLC29A2, SLC02B1
12	CYP27B1, IFNG, SLC01A2, SLC01B1, SLC01B3, SLC01C1
12	IFNG, SLC01A2, SLC01B1, SLC01B3,
13	SLC01C1
14	ABCC4, SLC10A2, SLC15A1
15	SLC10A1, SLC7A7
16	CYP11A1, CYP19A1, CYP1A1, CYP1A2, SLC28A1, SLC28A2, SLC03A1
16	ABCC1, ABCC12, ABCC6, SLC7A5, SULT1A1, SULT1A2
17	ABCC3
19	CYP2A13, CYP2A6, CYP2A7, CYP2B6, CYP2F1, CYP2S1, CYP4F11, CYP4F12, CYP4F2, CYP4F3, CYP4F8, ICAM1, ICAM5, SULT2A1, SULT2B1
20	CYP24A1, SLC04A1
21	SLC19A1
22	CYP2D6, CYP2D7P1, SULT4A1
X	ABCB7