

Table SI. Parent and product ions of the analytes with individually optimized detection parameters.

Drug	Parent Ion [M-H] ⁻ (m/z)	Product Ion [M-H] ⁻ (m/z)	DP	EP	CE	CXP	Retention time (min)
CSA	1219.5	1203.3	56	12	38	23	2.65
CSD	1234.1	1217.6	40	12	29	25	2.73

Table SII. Sequences of primers used for PCR.

Primer name	Primer information	Base sequence (5'-3')		Tm value (°C)	CG%	Length
GAPDH	NM_017008.4	Sense	CGCTAACATCAAATGGGGTG	58.8	50.0	201
		Antisense	TTGCTGACAATCTTGAGGGAG	57.7	47.6	
P-glycoprotein	NM_133401.1	Sense	TCACCAAGCGACTCCGATAC	58.3	55	195
		Antisense	TGATGATGCCTGTCCCAAGA	59.1	50	
Cytochrome P450 3A2	NM_153312.2	Sense	ATTCTAAGCATAAGCACCGAGTG	58.7	43.5	158
		Antisense	TGTGCTGCTGGTGGTTTCAT	59.4	50	
UDP-glucuronosyltransferase 1A1	NM_012683.2	Sense	ACTATTCTTGTCAAATGGCTACCC	59	41.7	231
		Antisense	GTTTTCCAAATCATCGGCAGT	59.2	42.9	
Multi-drug resistance protein 2	NM_012833.2	Sense	TGTGGCAGTTGAGCGAATAAGT	60.1	45.5	246
		Antisense	AAGAGGCAGTTTGTGAGGGATG	60.8	50	
Pregnane X receptor	NM_052980.2	Sense	CTTCGCCAAAGTCATATCCCA	60.2	47.6	121
		Antisense	TGTTTCCGTGTCTGAAACATCG	59.9	50	
Constitutive androstane receptor	NM_001270838.1	Sense	GAGCCACGGGCTATCATTTTC	59.6	55	106
		Antisense	CTCCCAGCAAACGGACAGAT	59.8	55	
Farnesoid X receptor	NM_021745.1	Sense	GTGACCTCCACGACCAAGCT	59.6	60	224
		Antisense	GGTCCAGTGTCTGAAACCCTG	59.1	57.1	
Bile salt export pump	NM_031760.1	Sense	TGGTTTCAAGGCAATGTTAGGA	60	40.9	281
		Antisense	GAGAAGCGAATCCCGTCAAC	59.5	55	
Breast cancer resistance protein	NM_181381.2	Sense	ATTGGTGCCCTTACTTTGGTC	60.1	45.5	236
		Antisense	ACACTTGGCAAGAACCTCATAGG	60.3	47.8	
Organic anion transporting polypeptides 1B2	NM_031650.3	Sense	TTCGTGGTGATAAGAAGCCG	58.7	50	218
		Antisense	CAATTCAGGTTGGACGCTCTT	59.4	47.6	
Sodium taurocholate co-transporting polypeptide	NM_017047.1	Sense	ACTGGCTACCTCCTCCCTGAT	59.3	57.1	118
		Antisense	TTGGAATCCTGTTTCCATGCT	59.5	42.9	
Cytochrome P450 3A1	NM_013105.2	Sense	ACTGCATTGGCATGAGGTTTG	60.8	47.6	170
		Antisense	ATCCCGTGGCACAAACCTTT	59.9	52.6	