

Supplementary Table A. Xenobiotic transport and metabolism genes and single nucleotide polymorphisms (SNPs) typed

Gene symbol	Gene name	Chromosome	N total haplotype tagging SNPs typed
<i>ABCB1 (MDR1)</i>	ATP-binding cassette, sub-family B (MDR/TAP), member 1	07	24
<i>ABCC1 (MRP1)</i>	ATP-binding cassette, sub-family C (CFTR/MRP), member 1	16	39
<i>ABCC2 (MRP2)</i>	ATP-binding cassette, sub-family C (CFTR/MRP), member 2	10	8
<i>AHR</i>	aryl hydrocarbon receptor	07	1
<i>ARNT</i>	aryl hydrocarbon receptor nuclear translocator	01	2
<i>COMT</i>	catechol-O-methyltransferase	22	5
<i>CYP1A1</i>	cytochrome P450, family 1, subfamily A, polypeptide 1	15	6
<i>CYP1A2</i>	cytochrome P450, family 1, subfamily A, polypeptide 2	15	3
<i>CYP1B1</i>	cytochrome P450, family 1, subfamily B, polypeptide 1	02	10
<i>CYP2A6</i>	cytochrome P450, family 2, subfamily A, polypeptide 6	19	1
<i>CYP2B6</i>	cytochrome P450, family 2, subfamily B, polypeptide 6	19	7
<i>CYP2C19</i>	cytochrome P450, family 2, subfamily C, polypeptide 19	10	4
<i>CYP2C8</i>	cytochrome P450, family 2, subfamily C, polypeptide 8	10	7
<i>CYP2D6</i>	cytochrome P450, family 2, subfamily D, polypeptide 6	22	3
<i>CYP2E1</i>	cytochrome P450, family 2, subfamily E, polypeptide 1	10	5
<i>CYP3A4</i>	cytochrome P450, family 3, subfamily A, polypeptide 4	07	2
<i>CYP3A5</i>	cytochrome P450, family 3, subfamily A, polypeptide 5	07	3
<i>EPHX1</i>	epoxide hydrolase 1, microsomal (xenobiotic)	01	4
<i>EPHX2</i>	epoxide hydrolase 2, cytoplasmic	08	7
<i>FMO3</i>	flavin containing monooxygenase 3	01	6
<i>GCLC</i>	glutamate-cysteine ligase, catalytic subunit	06	14
<i>GGT1</i>	gamma-glutamyltransferase 1	22	1
<i>GPX6</i>	glutathione peroxidase 6 (olfactory)	06	4
<i>GSR</i>	glutathione reductase	08	5
<i>GSS</i>	glutathione synthetase	20	5
<i>GSTA1</i>	glutathione S-transferase A1	06	2
<i>GSTO2</i>	glutathione S-transferase omega 2	10	3
<i>GSTP1</i>	glutathione S-transferase pi	11	1
<i>IDH1</i>	isocitrate dehydrogenase 1 (NADP+), soluble	02	2
<i>MPO</i>	myeloperoxidase	17	3
<i>NAT1</i>	N-acetyltransferase 1 (arylamine N-acetyltransferase)	08	6
<i>NAT2</i>	N-acetyltransferase 2 (arylamine N-acetyltransferase)	08	11
<i>NQO1</i>	NAD(P)H dehydrogenase, quinone 1	16	4
<i>PON1</i>	paraoxonase 1	07	11
<i>PTGS1 (COX1)</i>	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase 1)	09	2
<i>PTGS2 (COX2)</i>	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase 2)	01	4
<i>SULT1A1</i>	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1	16	2
<i>TPMT</i>	thiopurine S-methyltransferase	06	4
<i>UGT1A1</i>	UDP glucuronosyltransferase 1 family, polypeptide A1	02	6
<i>UGT1A7</i>	UDP glucuronosyltransferase 1 family, polypeptide A7	02	5
<i>UGT1A9</i>	UDP glucuronosyltransferase 1 family, polypeptide A9	02	4
<i>UGT2B7</i>	UDP glucuronosyltransferase 2 family, polypeptide B7	04	4