

Table S1: Mann-Whitney U test to examine the differences in mRNA and protein expression between female and male

	<u>mRNA Expression Analysis</u>			<u>Quantitative Proteomics</u>		
	<u>Median (range)</u>		<u>Mann-Whitney U test p-value</u>	<u>Median (range)</u>		<u>Mann-Whitney U test p-value</u>
	<u>Female</u>	<u>Male</u>		<u>Female</u>	<u>Male</u>	
BCRP	0.00304 (0.00012-0.12)	0.0031 (0.00014-0.026)	0.71	0.41 (0.18-0.62)	0.37 (0.15-0.63)	0.52
MATE1	0.028 (0.0012-0.56)	0.032 (0-0.51)	0.44	17.24 (6.211-29.13)	16.12 (5.72-31.72)	0.4
MATE2-K	0.032 (0.0032-0.39)	0.034 (0.0022-0.51)	0.89	0.25 (0.14-0.81)	0.24 (0.00-0.31)	0.27
MRP2	0.013 (6.32E-5 - 0.083)	0.018 (0.00089 - 0.18)	0.32	NA	NA	NA
MRP4	0.019 (0.0042-0.031)	0.017 (0.0014-0.041)	0.91	NA	NA	NA
MDR1	0.031 (0.00032-0.37)	0.034 (0.0016-0.23)	0.52	66.12 (11.68-102)	54.6 (7.84-112.4)	0.2
URAT1	0.14 (0.0082-0.7204)	0.1582 (5.65E-5 - 1.35)	0.89	39.1 (2.17-76.05)	35.26 (2.79-74.50)	0.54
GLUT2	0.017 (0.0012-0.50)	0.024 (0.0012-0.099)	0.35	32.01 (7.21-73.94)	26.12 (6.41-68.55)	0.39
OAT1	0.076 (2.3E-5 - 0.36)	0.11 (0.00037-0.67)	0.18	3.14 (0.93 - 4.49)	2.35 (0.96 - 5.45)	0.87
OAT3	0.052 (0-0.40)	0.071 (0.00039-0.44)	0.21	13.91 (4.54-27.23)	15.17 (3.43-37.92)	0.6
OCT2	0.087 (3.37E-5 - 0.57)	0.094 (0.00061-0.50)	0.54	27.82 (8.48-45.94)	26.62 (6.66-45.44)	0.78
PXR	4.84E-5 (1.51E-5 - 0.00018)	4.34E-5 (4.58E-6 - 0.00029)	0.64	NA	NA	NA