

**Table S5:** Absolute abundance of nine selected renal membrane transporters<sup>†</sup>

	Apical					Basolateral			
	BCRP	MATE1	MATE2-K	MDR1	URAT1	GLUT2	OAT1	OAT3	OCT2
<b>All samples</b>									
median <sup>^</sup>	0.40	17.31	0.24	60.51	37.84	30.02	2.65	14.86	27.14
Range	0.15-0.63	5.72-44.01	0-0.81	7.84-117.00	2.17-76.05	6.41-73.34	0.93-5.90	3.43-37.92	6.66-69.08
<b>Term newborn and infants</b>									
median <sup>^</sup>	0.38	16.35	0.24	51.79	24.35	30.97	1.98	11.92	22.48
Range	0.15-0.59	5.72-29.13	0.10-0.81	7.84-112.4	2.17-63.98	6.41-73.34	0.93-4.25	3.43-21.76	6.66-45.94
<b>Children</b>									
median <sup>^</sup>	0.41	18.00	0.20	73.01	47.09	24.74	3.55	19.96	35.32
Range	0.16-0.50	6.59-31.72	0.090-0.43	11.68-102.00	5.86-76.05	7.76-62.25	1.14-4.17	13.71-31.53	8.48-45.44
<b>Adolescents</b>									
median <sup>^</sup>	0.31	14.36	0.27	78.91	34.33	26.27	3.08	24.61	28.09
Range	0.29-0.62	6.56-26.05	0.00-0.41	17.03-90.75	5.48-49.34	8.38-49.50	1.83-4.07	11.21-37.92	12.15-39.61
<b>Adults*</b>									
median <sup>^</sup>	0.48	19.56	0.26	69.92	42.42	38.81	4.39	26.71	29.59
Range	0.33-0.63	13.47-44.01	0.14-0.49	49.76-117.00	12.95-71.51	22.02-66.12	1.50-5.90	5.39-31.51	13.76-69.08

<sup>†</sup>Term newborn and infants were combined for analysis because there was only one term newborn included in this part of the study. Levels of significance are shown in Figure 3.

<sup>^</sup>pmol/mg total membrane protein

\*African American and Caucasian adults