

Supplemental Table 1. Effect of VKJP1 and VKJP3 in reversing ABCB1-mediated resistance to colchicine

Treatment	KB-3-1			KB-C2			
	IC <sub>50</sub> (nM)		FR <sup>a</sup>	IC <sub>50</sub> (nM)		FR <sup>a</sup>	
Colchicine	7.31	± 0.03	1	838.47	± 1.49	114.7	
+VKJP1 10 μM	7.29	± 1.6	1	771.24	± 38.16	105.5	
+VKJP3 10 μM	7.88	± 0.78	1.08	824.63	± 110.94	112.8	
Verapamil 10 μM	6.99	± 1.13	0.96	23.54	± 3.48	3.22	

<sup>a</sup>Fold-resistance was determined by dividing the IC<sub>50</sub> value for colchicine of KB-C2 cells by IC<sub>50</sub> value of KB-3-1 cells in the absence or presence of VKJP1, VKJP3 or verapamil.

Supplemental Table 2. Effect of VKJP1 and VKJP3 reversing ABCC1-mediated resistance to vincristine

Treatment	KB-3-1			KB-CV60			
	IC <sub>50</sub> (nM)		FR <sup>a</sup>	IC <sub>50</sub> (nM)		FR <sup>a</sup>	
Vincristine	12.69	± 0.59	1	624.76	± 34.71	49.25	
+VKJP1 10 μM	13.57	± 4.48	1.07	541.28	± 72.66	42.67	
+VKJP3 10 μM	14.81	± 2.67	1.17	657.69	± 71.02	51.84	
PAK104P 10 μM	8.27	± 5.87	0.65	37.03	± 27.2	2.92	

<sup>a</sup>Fold-resistance was determined by dividing the IC<sub>50</sub> value for vincristine of KB-CV60 cells by IC<sub>50</sub> value of KB-3-1 cells in the absence or presence of VKJP1, VKJP3 or PAK104P.