

Supplemental Digital Content (SDC 1- Combined File)

SDC 2, Table 1. Genotype and Allele frequencies for 93 renal transplant patients enrolled in the study.

Gene	Nucleotide	N	Genotype Frequency			Allele Frequency	
			wt/wt	wt/var	var/var	p	q
<i>ABCB1</i>	1236C>T	92	41	36	15	0.641	0.359
<i>ABCB1</i>	2677G>T/A	91	40	27/5	18/1/0*	0.615	0.352/0.033
<i>ABCB1</i>	3435C>T	92	35	38	19	0.587	0.413
<i>CYP3A4</i>	-392A>G	93	69	17	7	0.833	0.167
<i>CYP3A5</i>	6986A>G	93	9	18	66	0.194	0.806
<i>CYP3A5</i>	14690G>A	93	89	3	1	0.731	0.269
<i>IL-10</i>	-1082G>A	90	20	42	28	0.456	0.544
<i>TNF</i>	-308G>A	93	64	28	1	0.839	0.161

**ABCB1* 2677TT/TA/AA

Abbreviations: wt, wild type; var, variant; p, wild-type allele frequency; q, variant allele frequency

SDC 3, Table 2. Simulated SRL concentrations for patients with different genotypes with a body mass index of 22 m²/kg in the absence of concomitant medications

<i>ABCB1</i> 3435C>T Genotype	<i>IL-10</i> - 1082G>A Genotype	SRL Log C/D	SRL C/D (ng/mL per mg/kg)	SRL Concentration for a 70-kg Patient Receiving a 5-mg Dose (ng/mL)
CC	GG	2.16	145	10.4
CT/TT	GG	2.32	209	14.9
CC	GA/AA	2.06	115	8.21
CT/TT	GA/AA	2.22	166	11.9