

Table S1: Patient's characteristics by different genotype.

	WT*	TM	P-value	IM	P-value	RM	P-value
	n 5	n 45		n 20		n 4	
Female (%)	2 (40.0)	16 (35.6)	0.844	6 (30.0)	0.668	0 (0.0)	0.151
Male (%)	3 (60.0)	29 (64.4)		14 (70.0)		4 (100.0)	
Children (%)	1 (20.0)	12 (26.7)	0.747	6 (30.0)	0.656	1 (25.0)	0.858
Adults (%)	4 (80.0)	33 (73.3)		14 (70.0)		3 (75.0)	
Tacrolimus dose median (Q1–Q3)	3.5 (2.5–4.0)	2.0 (1.5–5.0)	0.043	3.0 (2.0–4.5)	0.574	0.5 (0.5–0.5)	<0.001
Tacrolimus blood levels median (Q1–Q3)	5.1 (4.5–6.1)	5.7 (4.5–7.0)	0.054	5.3 (4.2–6.9)	0.687	5.5 (4.1–7.1)	0.714

WT: wild type; IM: mutations that increase metabolism; RM: mutations that decrease metabolism ;
TM: transporters mutations ; *WT group is the reference one in different comparisons