

Table S2. Correlates of Banff \geq 1A T-cell Mediated Rejection Free Survival in the first year

	Banff \geq 1A T-cell Mediated Rejection	No Banff \geq 1A T-cell Mediated Rejection	
	n=111	n=553	
First Transplant	92%	86%	0.0801
Recipient Age (years)	39.0 \pm 17.2	44.8 \pm 15.8	0.0009
Donor Age (years)	38.6 \pm 15.2	40.7 \pm 14.8	0.1661
Living Donor	43%	50%	0.2114
Ethnicity (Caucasian vs. other)	10%	65%	0.3240
Cold Ischemic Time (hours)	8.1 \pm 6.3	6.5 \pm 5.1	0.0192
Delayed Graft Function	24%	12%	0.0008
Induction Therapy	59%	35%	<0.0001
Basiliximab	41%	18%	
Thymoglobulin	14%	21%	
Tacrolimus versus Cyclosporin	63%	92%	<0.0001
Tacrolimus CV* 0-12 months (n=582)	40.6 \pm 13.4	35.7 \pm 11.7	0.0007
Mycophenolate	100%	100%	ns
Non-Adherence	18%	15%	0.4033
Molecular Mismatch Risk Groups			<0.0001
Low	12%	28%	
Intermediate	32%	36%	
High	56%	36%	

*CV, coefficient of variation