

Supplementary Table 1: Recipient and transplant characteristics in the Canadian cohort and the U.S. KDRI derivation cohort

<b>Recipient Factors</b>			
	<b>Canadian Cohort N=785</b>	<b>U.S. Cohort N=68219</b>	<b>P-Value</b>
Median Age years (Q1,Q3)	55 (45, 63)	51 (41, 60)	
Female Sex %	37	39	0.255
Race %			
White	53	63	<0.001
Black	1	30	
Asian	31	5	
Other	5	2	
Diabetes as cause of ESRD %	19	24	<0.001
Body Mass Index (kg/m <sup>2</sup> ) %			
<25	49	38	<0.001
25-29.9	30	35	
30-34.9	15	19	
≥ 35	6	8	
Peak PRA (%)			
0	53	44	<0.001
0.1-30	32	41	
>30	15	9	
Years of pre-transplant dialysis exposure Median (Q1, Q3)	5.0 (3.2, 6.8)	2.8 (1.5, 4.4)	<0.001
<b>Transplant Factors</b>			
Year of Transplantation %			
1995-1999	--	41	N/A
2000-2004	--	48	
2005-2009	37	11	
2010-2014	63	--	
ABDR HLA mismatch (%)			
0-2	8	25	<0.001
3-4	48	43	
5-6	44	32	
Median Cold Ischemia Time, hours (Q1,Q3)	10.4 (7.4, 14.0)	19.0 (13.6, 24.5)	<0.001
Missing Data Canada: HLA mismatch (2.8%); PRA (19%) U.S. HLA mismatch(0.5%); PRA:0.6%			

**Supplementary Figure 1**

