

Table S1. Baseline characteristics of participants included and excluded

Characteristics	Total (N = 4110)	Excluded (n=599, 14.6%)	Included (n=3511, 85.4%)	p
<b>Age (years)</b>	51.9 ± 9.4	52.8 ± 9.7	51.8 ± 9.4	0.01
<b>Women</b>	1528 (37%)	219 (37%)	1309 (37%)	0.7
<b>Race</b>				
White	3084 (76%)	405 (71%)	2679 (76%)	0.02
Black	728 (18%)	119 (21%)	609 (17%)	
Other	270 (7%)	47 (8%)	223 (6%)	
<b>Treatment group</b>				
High dose vitamin	2056 (50%)	301 (50%)	1755 (50%)	0.9
Low dose vitamin	2054 (50%)	298 (50%)	1756 (50%)	
<b>Location</b>				
United States	3000 (73%)	492 (82%)	2508 (71%)	<0.001
Canada	498 (12%)	104 (17%)	394 (11%)	
Brazil	612 (15%)	3 (1%)	609 (17%)	
<b>Graft vintage (years)</b>	4.0 (1.7, 7.5)	3.8 (1.7, 7.9)	4.1 (1.7, 7.4)	0.7
<b>Living donor kidney</b>	1705 (42%)	208 (37%)	1497 (43%)	0.01
<b>Medications</b>				
Cyclosporine	2094 (51%)	320 (54%)	1774 (51%)	0.2
Tacrolimus	1555 (38%)	221 (37%)	1334 (38%)	0.7
Any CNI	3640 (89%)	539 (90%)	3101 (88%)	0.1
Sirolimus	345 (8%)	52 (9%)	293 (8%)	0.7
ACEi/ARB	1824 (44%)	267 (45%)	1557 (44%)	0.8
Statin	2156 (53%)	323 (54%)	1833 (52%)	0.4
Aspirin	1694 (41%)	234 (39%)	1460 (42%)	0.3
<b>Medical History</b>				
Cardiovascular Disease	820 (20%)	117 (20%)	703 (20%)	0.9
Diabetes Mellitus	1663 (41%)	260 (44%)	1403 (40%)	0.07
Hypertension	3778 (92%)	550 (92%)	3228 (92%)	0.7
<b>Smoking</b>				
Never	2001 (49%)	298 (54%)	1703 (49%)	0.02
Former	1611 (40%)	189 (34%)	1422 (41%)	
Current	451 (11%)	65 (12%)	386 (11%)	
<b>Examination Findings</b>				
Systolic BP (mm Hg)	136.0 ± 19.7	135.2 ± 18.9	136.2 ± 19.8	0.4
Diastolic BP (mm Hg)	78.5 ± 12.1	76.2 ± 10.3	78.8 ± 12.4	<0.001
BMI (kg/m <sup>2</sup> )	29.2 ± 6.2	29.2 ± 6.6	29.2 ± 6.2	0.7
<b>Laboratory Results</b>				
Total cholesterol	184.6 ± 44.0	180.7 ± 42.4	185.0 ± 44.2	0.01
HDL cholesterol	46.2 ± 13.9	46.2 ± 13.9	46.2 ± 13.9	0.8
LDL cholesterol	101.0 ± 34.4	97.7 ± 32.9	101.3 ± 34.6	0.04
Triglycerides	164 (113, 238)	160 (112, 240)	164 (113, 238)	0.9
Serum creatinine	1.7 ± 0.6	1.7 ± 0.6	1.7 ± 0.6	0.3
eGFR	48.9 ± 17.7	48.5 ± 19.0	48.9 ± 17.5	0.3

ACR (mg/g)	25.0 (8.7, 102.1)	36.2 (11.7, 133.3)	24.1 (8.5, 97.8)	0.001
------------	-------------------	--------------------	------------------	-------

Results are mean  $\pm$  standard deviation, median (25<sup>th</sup> to 75<sup>th</sup> percentile) or n (%). ACR, albumin to creatinine ratio; ACEi, angiotensin converting enzyme inhibitor; ARB, angiotensin receptor blocker; BP, blood pressure; BMI, body mass index; HDL, high density lipoprotein; LDL, low density lipoprotein. Cholesterol and serum creatinine values are in mg/dl. eGFR, estimated glomerular filtration rate in ml/min/1.73m<sup>2</sup>.