

Supplementary Table 5. Comparison of baseline characteristics between living kidney donors and matched healthy non-donors when diabetes is not included as a matching variable

Characteristic	Total (n = 4,038)	Donor (n = 2,019)	Matched non-donors (n = 2,019)	p-value
Age at operation (yr)	44.0 (34.0–51.0)	44.0 (34.0–51.0)	44.0 (34.0–51.0)	0.76
>60	230 (5.7)	115 (5.7)	115 (5.7)	1
Sex				1
Female	2,178 (53.9)	1,089 (53.9)	1,089 (53.9)	
Male	1,860 (46.1)	930 (46.1)	930 (46.1)	
Past history				
Diabetes	221 (5.5)	50 (2.5)	171 (8.5)	<0.001
Hypertension	740 (18.3)	320 (15.8)	420 (20.8)	<0.001
Blood pressure (mmHg)				
SBP	119.0 (110.0–130.0)	120.0 (110.0–130.0)	118.0 (108.0–130.0)	0.05
≥130	1076 (26.7)	526 (26.2)	550 (27.3)	0.48
≥140	411 (10.2)	169 (8.4)	242 (12.0)	<0.001
DBP	73.0 (66.0–80.0)	73.0 (68.0–80.0)	72.0 (65.0–80.0)	0.005
Body mass index (kg/m ²)	23.1 (21.1–25.4)	23.4 (21.5–25.4)	22.8 (20.6–25.4)	<0.001
<18.5	192 (4.8)	48 (2.4)	144 (7.1)	
18.5–24.9	2,670 (66.1)	1,371 (67.9)	1,299 (64.3)	
25–29.9	1,038 (25.7)	539 (26.7)	499 (24.7)	
≥30	138 (3.4)	61 (3.0)	77 (3.8)	
Baseline serum laboratory finding				
Hemoglobin (g/dL)	13.9 (12.9–15.3)	13.7 (12.7–15.0)	14.2 (13.1–15.5)	<0.001
Anemia	390 (9.7)	239 (11.9)	151 (7.5)	<0.001
Calcium (mg/dL)	9.3 (9.0–9.5)	9.3 (9.0–9.5)	9.3 (9.0–9.5)	0.25
Phosphorus (mg/dL)	3.5 (3.2–3.9)	3.5 (3.2–3.9)	3.6 (3.2–3.9)	<0.001
Glucose (mg/dL)	92.0 (86.0–100.0)	95.0 (89.0–104.0)	90.0 (83.0–97.0)	<0.001
Uric acid (mg/dL)	4.9 (4.1–6.0)	4.8 (4.0–5.9)	5.0 (4.1–6.1)	<0.001
Hyperuricemia	450 (11.1)	178 (8.8)	272 (13.5)	<0.001
Cholesterol (mg/dL)	188.0 (167.0–212.0)	186.0 (165.0–209.0)	191.0 (169.0–215.0)	<0.001
≥ 200	1510 (37.4)	691 (34.2)	819 (40.6)	<0.001
Protein (g/dL)	7.4 (7.1–7.7)	7.4 (7.1–7.7)	7.4 (7.1–7.7)	0.003
Albumin (g/dL)	4.4 (4.3–4.6)	4.5 (4.3–4.6)	4.4 (4.3–4.6)	0.63
BUN (mg/dL)	12.0 (10.0–15.0)	13.0 (10.0–15.0)	12.0 (10.0–14.0)	<0.001
Baseline Renal function				
Creatinine (mg/dL)	0.8 (0.7–0.9)	0.8 (0.7–0.9)	0.8 (0.7–0.9)	0.86
CKD-EPI eGFR (mL/min/1.73 m ²)	100.0 (88.5–109.1)	100.1 (88.6–109.1)	99.9 (88.4–109.1)	0.76
Baseline urine laboratory finding				
Dipstick urine albumin				<0.001
Negative	2,773 (72.9)	1,639 (86.5)	1,134 (59.4)	
Trace	26 (0.7)	4 (0.2)	22 (1.2)	
1+	179 (4.7)	28 (1.5)	151 (7.9)	
≥2+	824 (21.7)	223 (11.8)	601 (31.5)	
Dipstick urine RBC (/HPF)				0.07
<1	1,612 (49.3)	929 (49.3)	683 (49.3)	
1–4	203 (6.2)	102 (5.4)	101 (7.3)	
≥5	1,453 (44.5)	853 (45.3)	600 (43.4)	

Data are expressed as median (interquartile range) or number (%).

BUN, blood urea nitrogen; CKD-EPI, Chronic Kidney Disease Epidemiology Collaboration; DBP, diastolic blood pressure; eGFR, estimated glomerular filtration rate; HPF, high power field; RBC, red blood cell; SBP, systolic blood pressure.