

Supplementary Table 1

Sample label	Group	Kidneys collected	Age (years)	Gender	Cause of death	eGFR at donation	Diabetes (Yes or No)	Hypertension (Yes or No)	BMI (Kg/m ²)	Reason(s) kidney was declined for transplantation
EA1	Control	1	48	M	Intracranial haemorrhage	88	No	No	28.38	Damage to the renal vein
EA2R & EA2L	AKI	2	42	F	Intracranial haemorrhage	40	No	No	23.03	Petechiae on both kidneys
EA3R & EA3L	AKI	2	74	M	Myocardial infarction	69	No	Yes	24.97	Multiple cysts on both kidneys
EA4R & EA4L	Control	2	67	F	Intracranial haemorrhage	90	No	No	20.57	Multiple cysts on both kidneys
EA5R	AKI	1	50	F	Intracranial haemorrhage	48	No	Yes	31.11	Petechiae
EA6R	Control	1	70	M	Intracranial haemorrhage	90	No	Yes	26.73	Poor perfusion
EA7L	AKI	1	64	M	Hypoxic brain damage	45	No	Yes	29.39	1 cm cyst on kidney
EA8L	Control	1	72	M	Intracranial haemorrhage	80	No	Yes	25.06	Damage to renal vein
EA11R & EA11L	Control	2	73	M	Hypoxic brain damage	81	No	No	23.46	Multiple small cysts on both kidneys
EA12R & EA12L	AKI	2	67	F	Intracranial haemorrhage	67	No	No	23.59	Small kidney size
EA13R	AKI	1	50	M	Hypoxic brain damage	25	No	No	27.36	Ischaemic bowel
EA14	Control	1	51	M	Intracranial haemorrhage	90	No	No	24.69	Poor perfusion
EA15	AKI	1	63	M	Intracranial haemorrhage	46	No	Yes	28.88	Atheroma of aortic patch and capsular tear
EA16R & EA16L	AKI	2	81	F	Intracranial haemorrhage	54	No	Yes	31.53	Single small cyst in both kidneys
EA18R & EA18L	Control	2	71	F	Intracranial haemorrhage	88	No	Yes	24.3	Two small cysts in left kidney and damage to right ureter