Supplementary material

	Sham SNx	SNx	p
Weight (g)	408 (29.5)	378 (33.4)	0.05
Water intake (ml/hr)	1.87 (0.40)	3.34 (0.40)	<0.0001
Urine output (ml/hr)	0.73 (0.21)	1.87 (0.47	<0.0001
Food intake (g/hr)	1.52 (0.20)	1.45 (0.29)	0.78
Tail length (cm)	19.4 (0.88)	18.8 (1.02)	0.18
Body length (cm)	25.2 (0.85)	24.4 (1.21)	0.08
Tibial length (cm)	5.89 (0.25)	5.87 (0.33)	0.89
Blood pressure (mm/Hg)	137 (26)	157 (19.6)	0.01
Pulse (BPM)	392 (51.6)	387 (44.7)	0.75
Heart weight (g)	1.14 (0.11)	1.31 (0.20)	0.04
Heart weight index*	2.85 (0.25)	3.44 (0.46)	0.003
LV Area (mm^2/kg)	92.7 (4.4)	119.3(12.5)	0.003
Haematocrit (%)	37.8 (4.51)	27.1 (5.06)	< 0.0001
Plasma bicarbonate (mmol/l)	24.8 (4.1)	26.2 (3.4)	0.2
Plasma base excess (mEq/L)	1.77 (3.65)	2.42(6.0)	0.64
Serum albumin (g/l)	27.6 (2.24)	27.5 (1.90)	0.94
Serum urea (mmol/l)	6.2 (1.34)	17.4 (4.61)	<0.0001
Serum creatinine (µmol/l)	42.1 (5.41)	99.9 (30.1)	<0.0001
Serum cholesterol (mmol/l)	1.85 (0.37)	2.72 (0.50)	0.003
Serum triglycerides (mmol/l)	0.83 (0.50)	0.76 (0.43)	0.72
Serum sodium (mmol/l)	141 (9.73)	143 (1.76)	0.53
Serum potassium (mmol/l)	3.88 (0.54)	4.16 (0.41)	0.27
Serum phosphate (mmol/l)	2.50 (0.29)	2.29 (0.29)	0.11
Serum calcium (mmol/l)	2.52 (0.12)	2.65 (0.18)	0.13
Urine protein creatinine ratio**	1.4 (0.24)	4.25 (2.62)	0.0003
Urine sodium (mmol/l)	87.6 (27.3)	44.1 (11.0)	0.002
Fractional excretion of sodium (%)§	0.36 (0.10)	1.16 (0.58)	0.001
Urine sodium excretion (mmol/h/g)	0.15(0.04)	0.21 (0.04)	0.003

Supplementary Table 1:
Characterisation of the 2 stage subtotal nephrectomy model. Male Wistar rats underwent a 2 stage sham subtotal nephrectomy (sham SNx, n=10) were compared with rats which underwent a 2 stage subtotal nephrectomy model (SNx, n=12). All values presented as mean (SD), p values are results of 2-way unpaired t test using GraphPad software.
*Heart weight index was calculated by dividing the weight of the heart in grams by the weight of the animal in kilograms.
LV area (corrected for weight) is calculated from histological analysis of uraemic and non-uraemic hearts using image-J software.
**Protein creatinine ratio is calculated by dividing urine protein concentration by urine creatinine concentration. §Fractional excretion of sodium is calculated by dividing (urinary sodium concentration x plasma creatinine concentration) by (plasma sodium concentration x urinary creatinine concentration).