

Table S1. Absolute values of T2 and ADC of the non-ischemic (control) kidney on day 1.

Mouse strain	T2 values (ms)		ADC values ( $10^{-3}$ mm <sup>2</sup> /s)	
	Cortex	OSOM	Cortex	Medulla
CD1	46.0±2.1	45.9±2.0	2.0±0.2	2.0±0.2
B6	47.3±3.0	44.7±5.1	1.6±0.1	1.6±0.2

Data is presented as mean±standard deviation. ADC=apparent diffusion coefficient.