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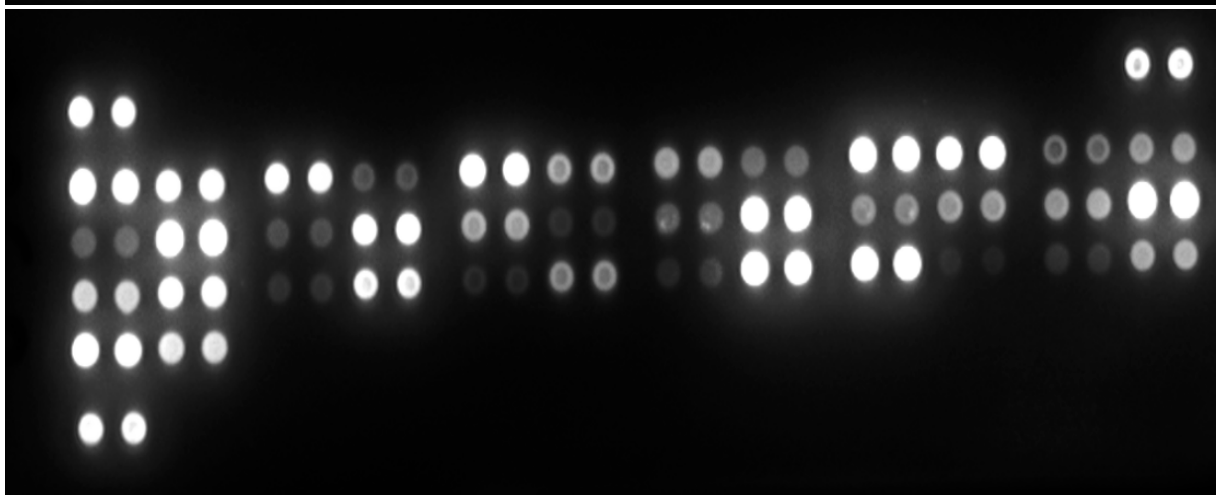
Table S1: PCR Primers

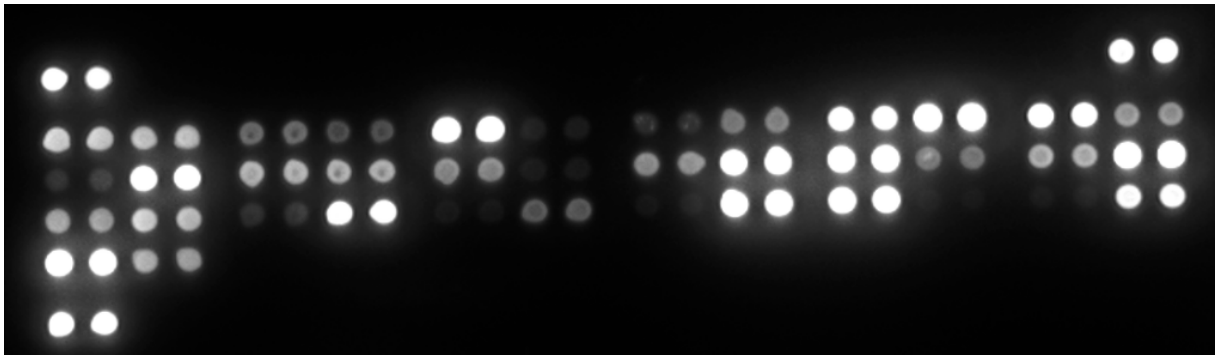
Primer name	Sequence	Annealing temperature (°C)	Product length (bp)
RPL0 s	5'-TCGACAATGGCAGCATCTAC-3'	60	195
RPL0 as	5'-ATCCGTCTCCACAGACAAGG-3'		
SIRT1 (Exon 1-2) s	5'-AGGGCGAGGAGGAGGAAGAG-3'	60	122
SIRT1 (Exon 1-2) as	5'-GGCTCTATCCTCCTCATCACTTTC-3'		
TP53 s	5'-CAGGGCAGCTACGGTTTCC-3'	60	157
TP53 as	5'-CAGTTGGCAAAACATCTTGTGAG-3'		

Table S2: Antibodies

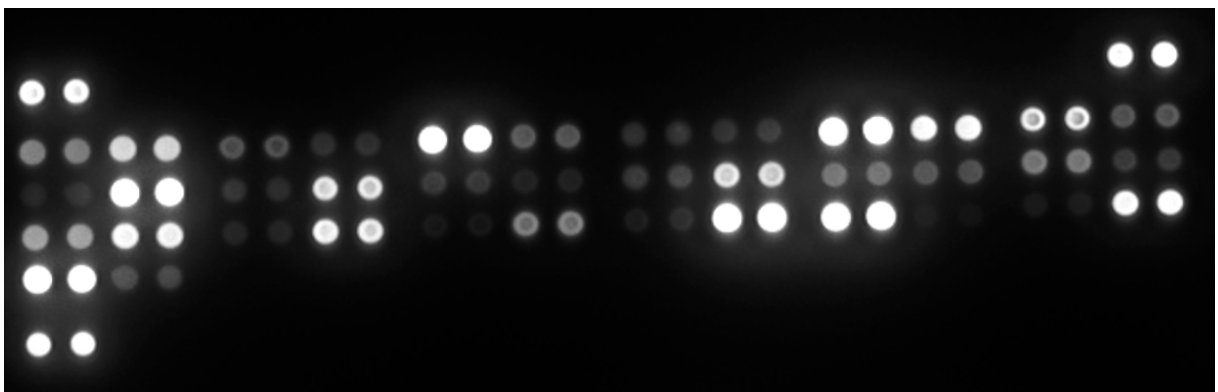
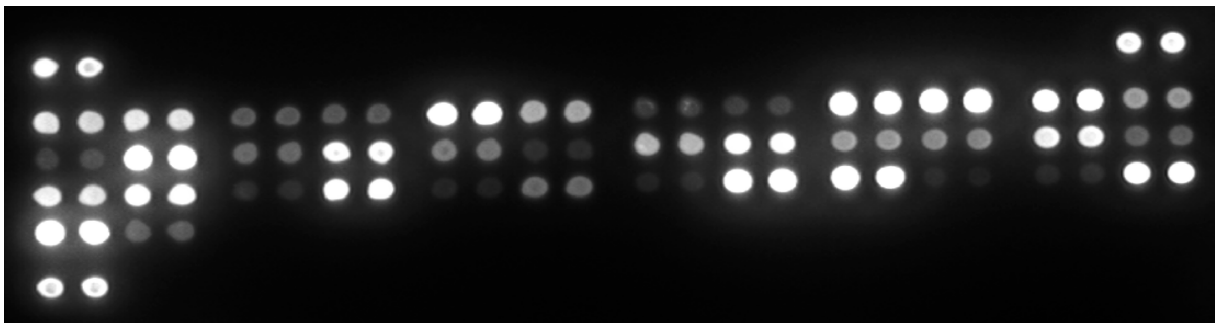
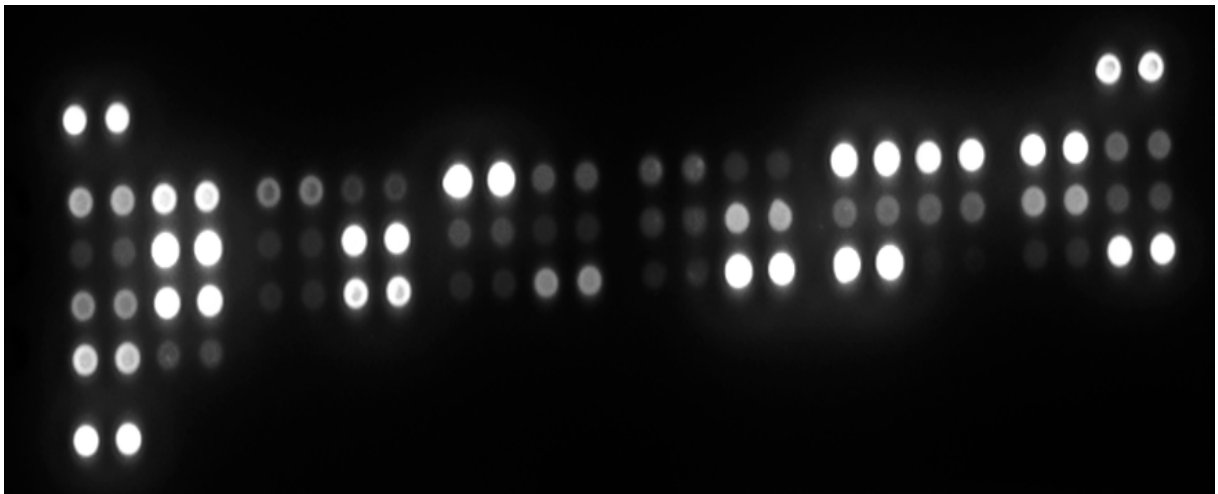
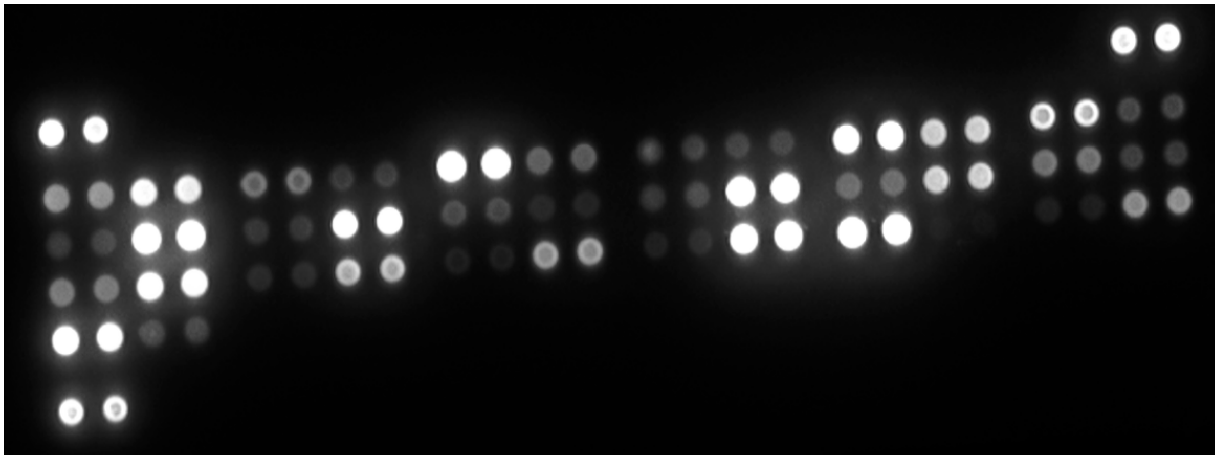
Antigen	Company	Dilution (IF/WB)
Rabbit GAPDH	Cell Signaling #2118	n.a./1:1000
Rabbit pH2A.X (Ser139)	Cell Signaling #9718S	1:200/1:1000
Mouse TP53	Merck Millipore #OP43	n.a./1:1000
Mouse SIRT1	Abcam #ab110304	1:200/1:1000
Anti-mouse Alexa Fluor 488	Invitrogen #A11070	1:500
Anti-mouse HRP-labeled	Thermo Fisher Scientific #NA931	1:4000
Anti-rabbit HRP-labeled	Cell Signaling #7074S	1:1000

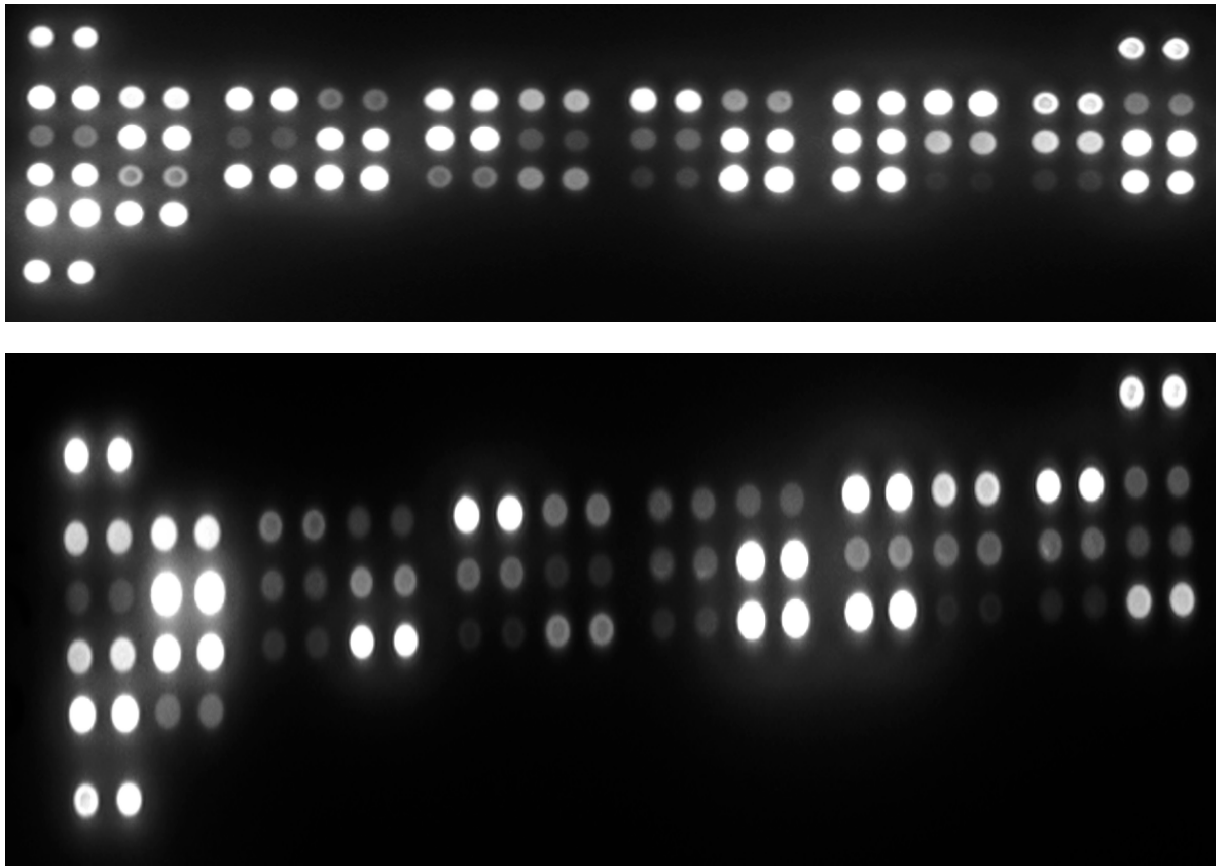
AKI stage 2/3





healthy





Supplementary Figure S1: Cytokine Array pictures 24 post-surgery.

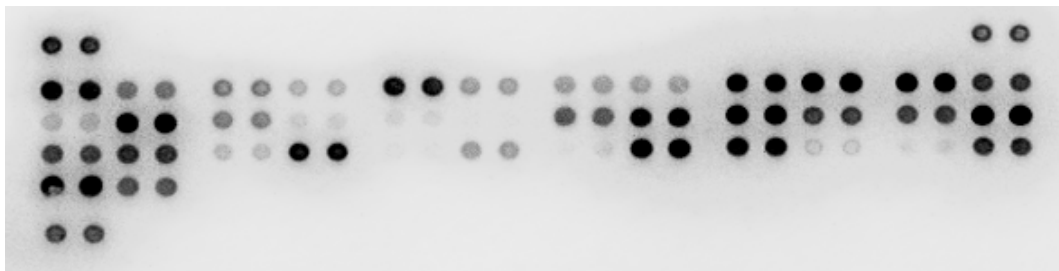
Pooled healthy



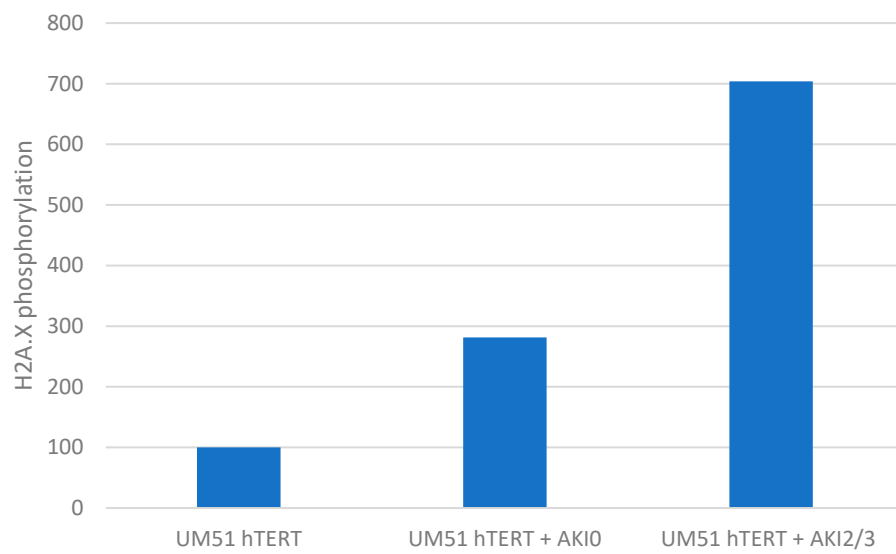
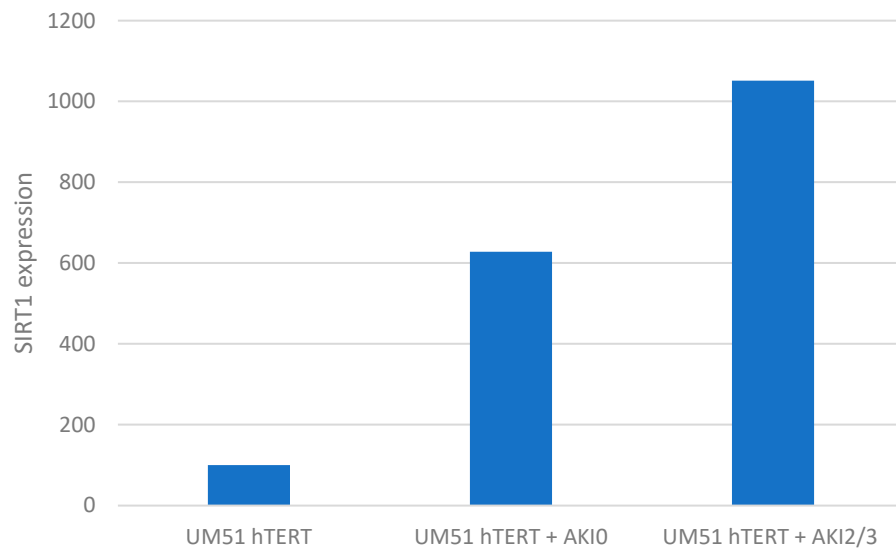
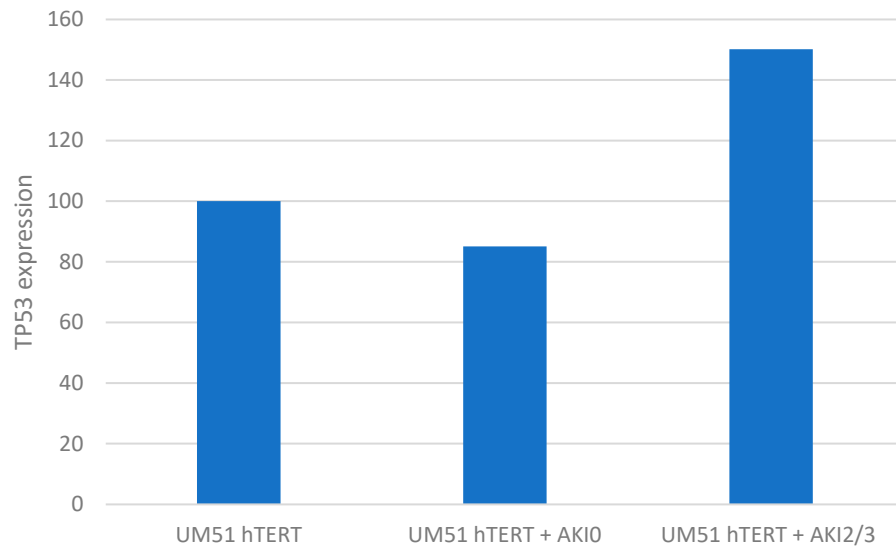
pooled female

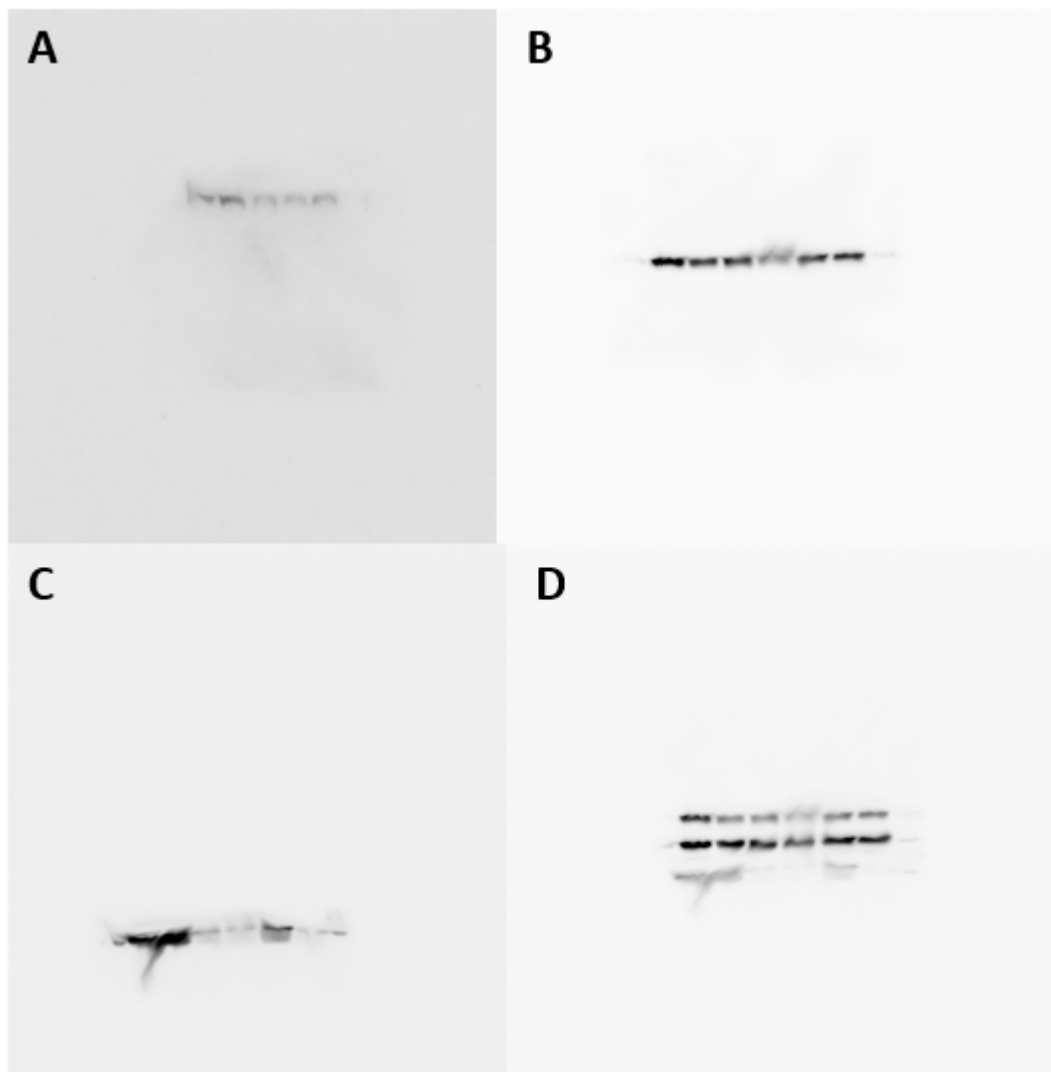


pooled male



Supplementary Figure S2: Cytokine Array pictures 72 post-surgery.





Supplementary Figure S3: Quantification of the western blots and full-sized blot images. Western blot full-sized images are given for SIRT1 (A), TP53 (B), H2A.X (C) and GAPDH (D). UM51-hTERT control podocytes, cultured with urine from AKI0 patients and with urine from AKI 2/3 patients are represented in lane 1, 2 and 5, respectively.