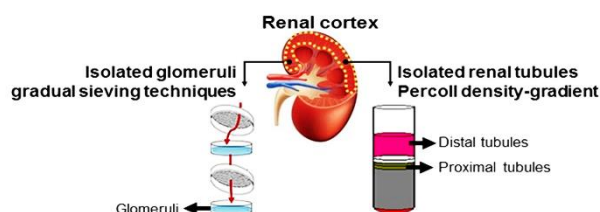


All-Trans Retinoic Acid Attenuates Fibrotic Processes by Downregulating TGF- β 1/Smad3 in Early Diabetic Nephropathy

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Supplementary Materials:

a)



b)

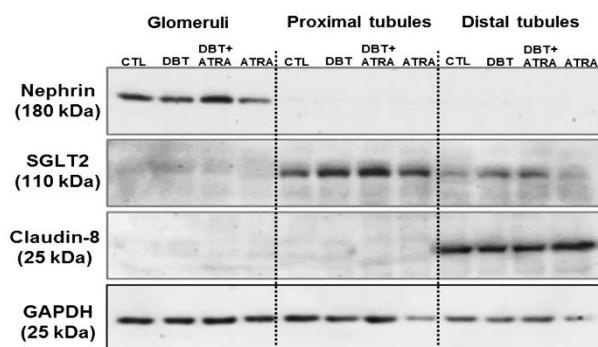


Figure S1. Enrichment of nephron sections. (a) Experimental procedure to isolate nephron segments from renal cortex as described in Methods section. (b) Specific markers of glomeruli (nephrin), proximal tubules (sodium glucose transporter 2, SGLT2), and distal tubules (claudin-8). Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) was used as loading control. CTL = Control group, DTB = Diabetic group, DBT+ATRA = Diabetic rats treated with all-trans retinoic acid, ATRA = Control animals treated with all-trans retinoic acid.