



Supplementary Fig. 12. The immune score. (A) The immunity-participated degree of each cell cluster. The darker the color, the more involved in the immune reaction of diabetic kidney disease. (B) Endothelial cell (ENDO) and leukocyte (LEUK) were the principal cell types involved in the immune response, while parietal epithelial cell (PEC) and proximal convoluted tubular cell (PCT) were moderately involved in the immune response. (C) The differentiation of cell cluster involved in the immune directions. The red indicated that it was involved in the up-regulation of immune genes and the infiltration of immune cells. Blue represented involvement in the down-regulation of immune genes and suppression of immune cells. (D) Versican (VCAN) was mainly involved in the up-regulation of immune genes and the infiltration of immune cells. LOH, loop of Henle cell; CT, convoluted tubular cell; MES, mesenchymal cell; CD-ICB, collecting duct-intercalated cell type B; CD-ICA, collecting duct-intercalated cell type A; DCT, distal convoluted tubular cell; PODO, podocyte; CD-PC, collecting duct-principal cell; tSNE, t-distributed stochastic neighbor embedding.