

Supplementary Table 1 | The characteristic genes used to define cluster types.

Serial number	Gene names	The types of tissue defined in the cited articles	The types of clusters defined in this paper
1	<i>VCAM1</i>	Proximal tubular cell	PT-like cell
2	<i>CDH6</i>	Proximal tubular cell	PT-like cell
3	<i>SLC12A1</i>	Loop of Henle cell, Distal tubular cell	LHDT-like cell
4	<i>PPP1R1B</i>	Loop of Henle cell	LHDT-like cell
5	<i>IGFBP5</i>	Collecting duct cell	CD-like cell
6	<i>PAX8</i>	Epithelial cell	Epithelial cell
7	<i>CENPF</i>	Cycling cell	Cycling cell