

**Additional file 1: Table S1.** Description of human kidney biopsies used in the study.

<b>BIOPSY</b>	<b>AGE</b>	<b>GENDER</b>	<b>DIAGNOSIS*</b>	<b>SAMPLE TYPE*</b>
<b>N1</b>	54	Male	RCC	NAT
<b>N2</b>	49	Female	Papillary	NAT
<b>N3</b>	58	Female	RCC	NAT
<b>N4</b>	72	Female	RCC	NAT
<b>N5</b>	70	Male	RCC	NAT
<b>C6</b>	73	Male	RCC	chRCC
<b>C7</b>	67	Female	RCC	chRCC
<b>C8</b>	71	Male	RCC	chRCC
<b>C9</b>	58	Female	RCC	chRCC
<b>C10</b>	81	Male	RCC	chRCC
<b>O11</b>	80	Male	RCC	RO
<b>O12</b>	69	Female	RCC	RO
<b>O13</b>	63	Male	RCC	RO
<b>O14</b>	62	Female	RCC	RO
<b>O15</b>	55	Female	RCC	RO

\*RCC: renal cell carcinoma; NAT: normal adjacent tissue; chRCC: chromophobe renal cell carcinoma; RO: renal oncocytoma