

**SUPPLEMENTARY TABLE**

**Supplementary Table 1. Baseline of renal papillary cancer in TCGA.**

<b>Type</b>		
Normal	32	10.00%
Tumor	288	90.00%
<b>Status</b>		
Alive	248	86.10%
Dead	40	13.90%
<b>Age</b>		
≥ 60	169	58.70%
<60	116	40.30%
NA	3	1.00%
<b>Gender</b>		
Male	212	73.60%
Female	76	26.40%
<b>Clinical_stage</b>		
I	172	59.70%
II	21	7.30%
III	51	17.70%
IV	15	5.20%
NA	29	10.10%
<b>Clinical_M</b>		
M0	95	33.00%
M1	9	3.10%
MX	170	59.00%
NA	14	4.90%
<b>Clinical_N</b>		
N0	49	17.00%
N1	24	8.30%
N2	4	1.40%
NX	210	73.00%
NA	1	0.30%
<b>History_other_malignancy</b>		
No	233	80.90%
Yes	55	19.10%
<b>Body Mass Index</b>		
<i>Normal (18.5-24.9)</i>	50	17.40%
<i>Overweight (25-29.9)</i>	86	29.90%
<i>Mild obesity (30-34.9)</i>	41	14.20%
<i>Moderate obesity (≥35)</i>	35	12.10%
NA	76	26.40%
<b>AJCC-T</b>		
T1	193	68.06%
T2	32	11.11%
T3	59	20.49%
T4	2	0.69%
NA	2	0.69%