

Table S6A: Values for quantitation of cilia lengths in normal, normal adjacent to cancer, and BPH.

Box plot epithelial/cancer cells						
	n (patients with cilia)	n (total patients)	n (total cilia)	Median median cilia length (µm)	Range median cilia length (µm)	P-value
Normal	10	10	592	1.30	1.19-1.78	n/a
Normal adj. ca	16	16	860	1.32	0.49-2.17	0.86
BPH	8	8	546	1.24	0.32-1.92	0.048
Average	11	11	666	1.29	0.67-1.96	
Boxplot CK5+ cells						
Normal	10	10	445	1.38	0.77-1.75	n/a
Normal adj. ca	16	16	620	1.33	0.79-1.71	0.975
BPH	8	8	265	1.08	0.39-1.92	0.274
Average	11	11	443	1.26	0.65-1.79	
Boxplot CK5- cells						
Normal	10	10	147	1.2	0.69-2.1	n/a
Normal adj. ca	16	16	240	1.08	0.49-2.17	0.79
BPH	8	8	281	1.0	0.32-1.2	0.29
Average	11	11	223	1.09	0.5-1.82	
Boxplot Stromal cells						
Normal	10	10	178	1.16	0.71-1.66	n/a
Normal adj. ca	16	16	249	0.97	0.74-1.92	0.596
BPH	8	8	64	0.98	0.36-1.46	0.779
Average	11	11	164	1.04	0.6-1.68	

Table S6B: Values for analysis of cilia lengths in normal, normal adjacent to cancer, and BPH.

Bar graph epithelial/cancer cells				
	Q1 n (patients)	Q1 % (patients)	Q4 n (patients)	Q4 % (patients)
Normal	2	20	2	20
Normal adj. ca	5	31.3	1	6.3
BPH	4	50	0	0
Q1 ≤1.23µm, Q4 >1.7µm				
Bar graph CK5+ cells				
Normal	2	20	2	20
Normal adj. ca	8	50	4	25
BPH	6	75	1	12.5
Q1 ≤1.32 µm, Q4>1.5 µm				
Bar graph CK5- cells				
Normal	2	20	2	20
Normal adj. ca	5	31.3	3	18.8
BPH	2	25	0	0
Q1 ≤0.87 µm, Q4 >1.4 µm				
Bar graph stromal cells				
Normal	2	20	2	20
Normal adj. ca	11	68.8	2	12.5
BPH	6	75	0	0
Q1 ≤1.04 µm, Q4 >1.54 µm				