

**Table S5A: Values for quantitation of percent ciliated epithelial/cancer and stromal cells in normal, normal adjacent to cancer, and BPH.**

<b>Boxplot epithelial/cancer cells</b>						
	n (patients)	% cilia median	n (total nuclei)	Range nuclei/patient	Range cilia/patient	P-value
Normal	10	8.9	6517	405-1097	25-95	n/a
Normal adj. ca	16	11.1	7491	92-1085	9-136	0.257
BPH	8	10.4	5750	180-1833	9-156	0.231
Average	11	10.1	6586	67-1338	14-129	
<b>Boxplot CK5+ cells</b>						
Normal	10	28.8	1624	58-418	20-85	n/a
Normal adj. ca	16	31.3	2033	29-382	7-118	0.858
BPH	8	27.1	1175	14-380	5-55	0.349
Average	11	29.1	1611	34-393	11-86	
<b>Boxplot CK5- cells</b>						
Normal	10	2.9	4893	270-726	3-33	n/a
Normal adj. ca	16	3.5	5458	63-703	2-44	0.130
BPH	8	6.1	4575	166-1453	4-102	0.08
Average	11	4.1	4975	166-961	3-60	
<b>Boxplot Stromal cells</b>						
Normal	10	5.9	2625	170-424	3-52	n/a
Normal adj. ca	16	8.0	3206	67-459	6-36	0.152
BPH	8	4.3	1716	65-427	1-23	0.125
Average	11	6.1	2516	101-437	3-37	

**Table S5B: Values for analysis of percent ciliated epithelial/cancer and stromal cells in normal, normal adjacent to cancer, and BPH.**

<b>Bar graph epithelial/cancer cells</b>				
	Q1 n(patients)	Q1 % (patients)	Q4 n (patients)	Q4 % (patients)
Normal	2	20	2	20
Normal adj. ca	3	18.8	7	43.8
BPH	3	37.5	4	50
Q1 ≤7.6%, Q4>11.4%				
<b>Bar graph CK5+ cells</b>				
Normal	2	20	2	20
Normal adj. ca	6	37.5	6	37.5
BPH	4	50	2	25
Q1 ≤26.9%, Q4>33.6%				
<b>Bar graph CK5- cells</b>				
Normal	2	20	2	20
Normal adj. ca	1	6.3	7	43.8
BPH	1	12.5	5	62.5
Q1 ≤1.5%, Q4>4.2%				
<b>Bar graph stromal cells</b>				
Normal	2	20	2	20
Normal adj. ca	2	12.5	7	43.8
BPH	4	50	0	0
Q1 ≤4.2%, Q4>8.9%				