

Supplementary table 3. Protein expression of KRT7, SDC1, CDK4, and JUND in normal bladder and Ta tumor.

Sample	Tissue type	Epitope	NORMAL				TUMOR			
			urothelial cells		stroma cells		cancer cells		stroma cells	
			Nuclei (%)	Cytoplasm (%)	Nuclei (%)	Cytoplasm (%)	Nuclei (%)	Cytoplasm (%)	Nuclei (%)	Cytoplasm (%)
N1	Normal bladder	KRT7	0	100	0	0	0	0	0	
N2	Normal bladder	KRT7	0	80	0	0	0	0	0	
N3	Normal bladder	KRT7	0	80	0	0	0	0	0	
N4	Normal bladder	KRT7	0	90	0	0	0	0	0	
N5	Normal bladder	KRT7	0	100	0	0	0	0	0	
N6	Normal bladder	KRT7	0	80	0	0	0	0	0	
Median (range)			0	85 (80-100)	0	0	0	0	0	
T1	Ta	KRT7					0	100	0	0
T2	Ta	KRT7					0	100	0	0
T3	Ta	KRT7					0	100	0	0
T4	Ta	KRT7					0	100	0	0
T5	Ta	KRT7					0	100	0	0
Median/ range							0	100	0	0
N1	Normal bladder	SDC1	0	10	0	0				
N2	Normal bladder	SDC1	0	25	0	0				
N3	Normal bladder	SDC1	0	80	10	10				
N4	Normal bladder	SDC1	0	80	0	0				
N5	Normal bladder	SDC1	0	100	25	0				
N6	Normal bladder	SDC1	0	50	0	0				
Median/ range			0	65 (10-100)	0 (0-25)	0 (0-10)				
T1	Ta	SDC1					0	100	0	0
T2	Ta	SDC1					0	90	0	0
T3	Ta	SDC1					0	100	0	0
T4	Ta	SDC1					0	100	0	0
T6	Ta	SDC1					0	100	0	0
Median/ range							0	100 (90-100)	0	0
N1	Normal bladder	CDK4	5	5	50	50				
N2	Normal bladder	CDK4	5	30	50	50				
N3	Normal bladder	CDK4	1	10	50	50				
N4	Normal bladder	CDK4	10	60	30	10				
Median (range)			5 (1-10)	20 (5-60)	50 (30-50)	50 (10-50)				
T1	Ta	CDK4					10	100	10	30
T3	Ta	CDK4					50	100	50	50
T4	Ta	CDK4					10	100	50	50
T7	Ta	CDK4					100	100	10	10
T8	Ta	CDK4					100	100	0	0
Median (range)							50 (10-100)	100	10 (0-50)	30 (0-50)
N1	Normal bladder	JUND	0	0	0	0				
N2	Normal bladder	JUND	10	30	50	10				
N3	Normal bladder	JUND	100	100	10	10				
N4	Normal bladder	JUND	100	100	50	10				
Median/ range			55 (0-100)	65 (0-100)	30 (0-50)	10 (0-10)				
T9	Ta	JUND					100	100	10	0
T3	Ta	JUND					50	80	50	0
T4	Ta	JUND					80	100	30	10
T7	Ta	JUND					100	80	10	10
T8	Ta	JUND					100	100	10	0
T10	Ta	JUND					50	100	50	50
Median/ range							90 (50-100)	100 (80-100)	20 (10-50)	5 (0-50)