

**Supplementary Table 1** The clinicopathologic characteristics of the tumor samples

<b>Characteristic</b>	<b>NMIBC(n=15)</b>	<b>MIBC(n=78)</b>
<b>Patient age at RC, median (range), years</b>	69.1(57.4-88.5)	69.3(41.7-91.1)
<b>Gender, number (%)</b>		
<b>Female</b>	4(27%)	21(27%)
<b>Male</b>	11(73%)	57(73%)
<b>Histologic type</b>		
<b>Transitional Cell Carcinoma(TCC)</b>	15(100%)	71(91%)
<b>TCC/Squamous or CIS</b>	0 (0)	7(9%)
<b>RC stage, number (%)</b>		
<b>pTa</b>	5(33%)	\
<b>pT1</b>	10(67%)	\
<b>pT2</b>	\	17(22%)
<b>pT3</b>	\	42(54%)
<b>pT4</b>	\	19(24%)
<b>Lymph node status</b>		
<b>pN0</b>	11(74%)	38(49%)
<b>pN+</b>	2(13%)	26(33%)
<b>pNx</b>	2(13%)	14(18%)

RC=Radical cystectomy

CIS=Carcinoma in situ

pNx=Lymph node dissection not done or no lymph nodes analyzed