

Supplementary Tables

Table S1. Clinical data of patient with MIBC

Total	152
OS	
dead	132
Unknown	20
RFS	
Recurrence	78
No recurrence	54
Unknown	20
pT stage	
pT2	29
pT3	66
pT4	37
Unknown	20
pN stage	
pN0	82
PN1	11
pN2	28
pNX	11
Unknown	20
WHO grading	
high grade	132
low grade	0
Unknown	20
Gender	
Male	92
Female	40
Unknown	20

Age	
37-59	25
60-79	81
80-91	26
Unknown	20
Histology types	
Neuroendocrine	2
Urothelial	130
Unknown	20
MDACC subtype	
Basal	53
DN	4
Luminal	50
Unkown	45
Variant Histology	
Glandular	2
Glycogen rich	1
LNUC	5
Lymphoepithelioma-like	2
MPUC	8
Neuroendocrine	4
NOS	55
PUC	4
Sarcomatoid	15
Squamous	36
Unknown	20

Table S2. Staining intensity scores

Staining intensity (SI)	Score
no color detectable	0
low staining intensity	1
moderate color intensity	2
strong staining intensity	3

Table S3. Number of positive cells scores

Number of positive cells (PP)	Score
no positive detectable	0
less than 10 % positive cells	1
10-50 % positive cells	2
51-80 % positive cells	3
more than 80 % positive cells	4

Calculation of the Immunoreactive score (IRS) = SI x PP