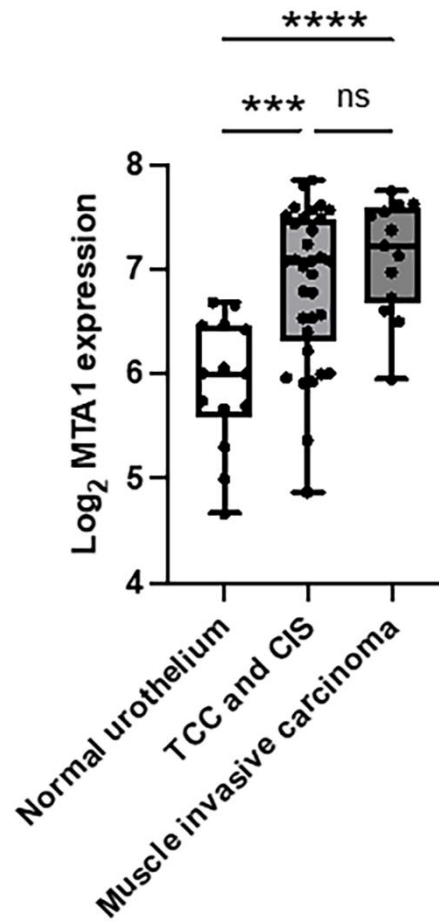


- Normal tissues have overall stain score of **2.56**
- Metastases have overall stain score of **1.65**

**Figure S1.** The stain scores for E-cad expression in metastasis compared to normal tissues. Values are mean  $\pm$  SEM. \*\*\*\*p < 0.0001; ns, non-significant (multiple *t*-tests).



**Figure S2.** Graph depicting MTA1 gene expression in human bladder samples (n = 60) analyzed from microarray data reported to Gene Expression Omnibus (GEO) database (Accession no: GSE3167, ID: 14786580) [49]. A statistically significant increase in MTA1 gene expression was observed in local transitional cell carcinoma and carcinoma in situ (n = 33) compared to normal urothelium (n = 14), with a trend towards a further increase in expression in aggressive muscle invasive carcinoma (n = 13). Values are median and min/max data points. \*\*\*p < 0.001; \*\*\*\*p < 0.0001; ns, non-significant (One-way ANOVA).

**Table S1. Antibodies used for IHC and western blot**

<b>Antibody</b>	<b>Application</b>	<b>Dilution</b>	<b>Source</b>	<b>Catalog#</b>
β-actin	WB	1:2500	Santa Cruz Biotechnology	sc-69879
CD31	IHC	1:40	Dako - Agilent Technologies	M0823
COX2	WB IHC	1:2000 1:100	Cayman Chemical Company	160107
Cyclin D1	WB	1:1000	Cell Signaling Technologies	2922
E-cadherin	WB IHC	1:1000 1:400	Cell Signaling Technologies	3195
Ki67	IHC	Ready-to-Use	Dako - Agilent Technologies	GA626
MTA1	WB IHC	1:1000 1:50	Cell Signaling Technologies	5647
N-cadherin	WB	1:500	Cell Signaling Technologies	13116
PTEN	WB	1:1000	Cell Signaling Technologies	9188
Slug	WB	1:500	Cell Signaling Technologies	9585
Snail	WB	1:500	Cell Signaling Technologies	3879
Vimentin	WB WB	1:2000 1:1000	GeneTex Cell Signaling Technologies	GTX100619 5741