

Table S1. EORTC risk group stratification of recurrence

Risk group stratification	Risk factor
Low-risk tumours	Primary, solitary, Ta, LG/G1, <3 cm, no CIS
Intermediate-risk tumours	All tumours not defined in the two adjacent categories (between the category of low and high risk)
High-risk tumours	Any of the following: <ol style="list-style-type: none">1. T1 tumour2. HG/G3 tumour3. CIS4. Multiple and large (>3 cm) Ta G1G2 tumours (all conditions must be present in this point)

CIS: carcinoma *in situ*; HG: high grade; LG: low grade.

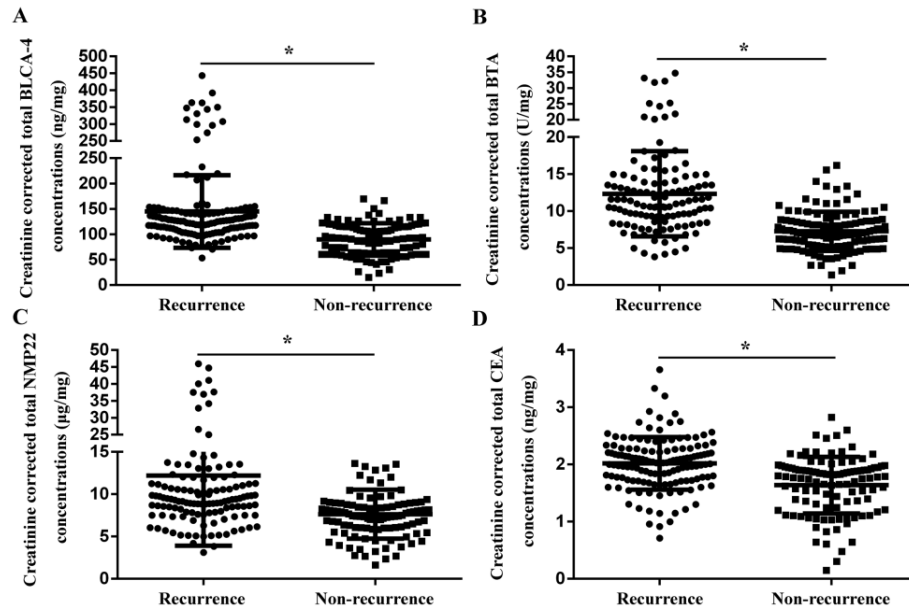


Fig. S1 Creatinine-corrected total urinary biomarker concentrations in the recurrence group and the non-recurrence group (validation group). (A) BLCA-4. (B) BTA. (C) NMP22. (D) CEA. * $P < 0.05$.