

### **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Summary of all kinds of somatic mutations in the 65 UBC cases

File Name: Supplementary Data 2

Description: Structural variations in the 65 UBC cases

File Name: Supplementary Data 3

Description: Fusion events in the 65 UBC cases

File Name: Supplementary Movie 1

Description: A movie displays the high level of microvessel density in bladder tumor