

### **Molecular findings**

MBT      CDKN2A and CDKN2B inactivating mutations  
          FGFR3 and PIK3CA activating mutations  
          MDM-2 amplification  
          TP53 truncating and missense mutations  
          BAP1 in rare cases  
          BRCA-2 mutation in a single case

Table S5: The summary of the molecular alterations in malignant Brenner tumors