## **Supporting Information:**

## A WS<sub>2</sub> nanosheet-based platform for fluorescent DNA detection via

## **PNA-DNA** hybridization

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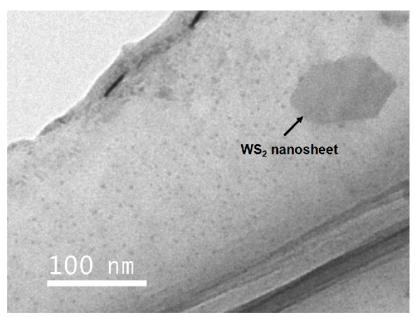


Fig. S1 TEM image of a WS<sub>2</sub> nanosheet.

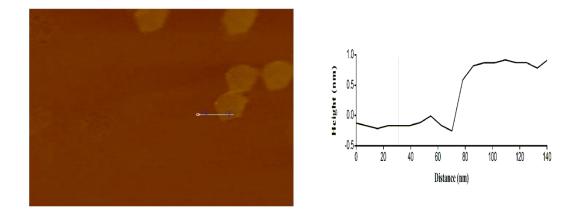


Fig. S2 AFM images showing the morphological feature of the  $WS_2$  nanosheets and height profiles of the nanosheets on silicon substrate.