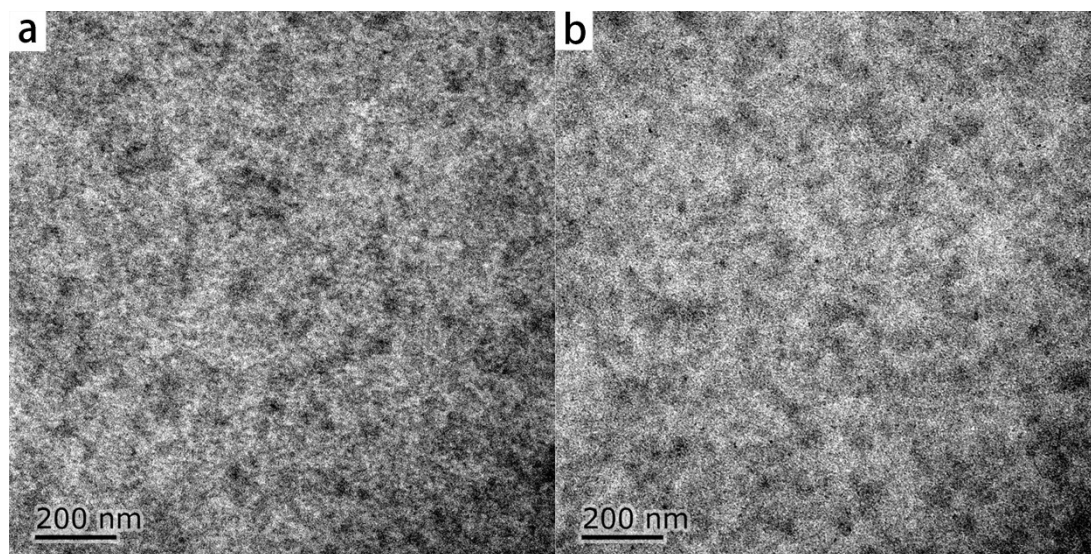
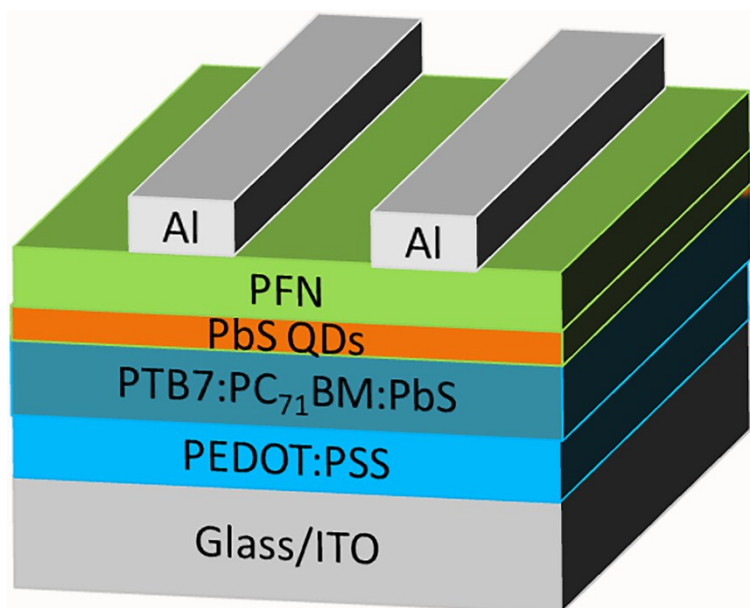


## Supporting Information



**Figure S1** TEM images of PTB7:PC<sub>71</sub>BM blend films (a) without PbS QDs doped, (b) with 5% PbS QDs doped.



**Figure S2** Schematic image of polymer BHJ solar cells device with structure of ITO/PEDOT:PSS/PTB7:PC<sub>71</sub>BM/PbS QDs/Al.