## **Supplementary information**

## Improving the performance of quantum-dot light-emitting diodes via organic-inorganic hybrid hole injection layer

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Figure S1. Structural formulas of the (a) PEDOT:PSS and (b) vanadium(V) triisopropoxide oxide.



**Figure S2**. Tauc's plot of the TFB film from UV–vis transmittance spectra. Where  $\alpha$  is the absorption coefficient. It can be inferred that the band gap ( $E_g$ ) is about 2.91 eV.