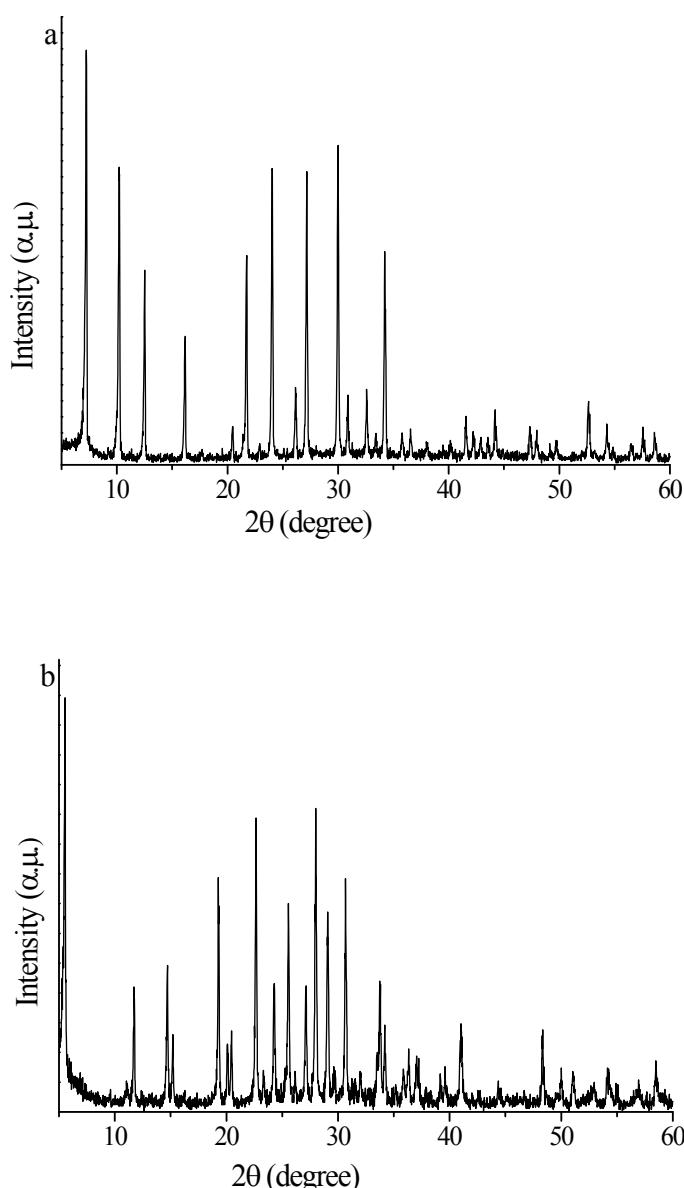


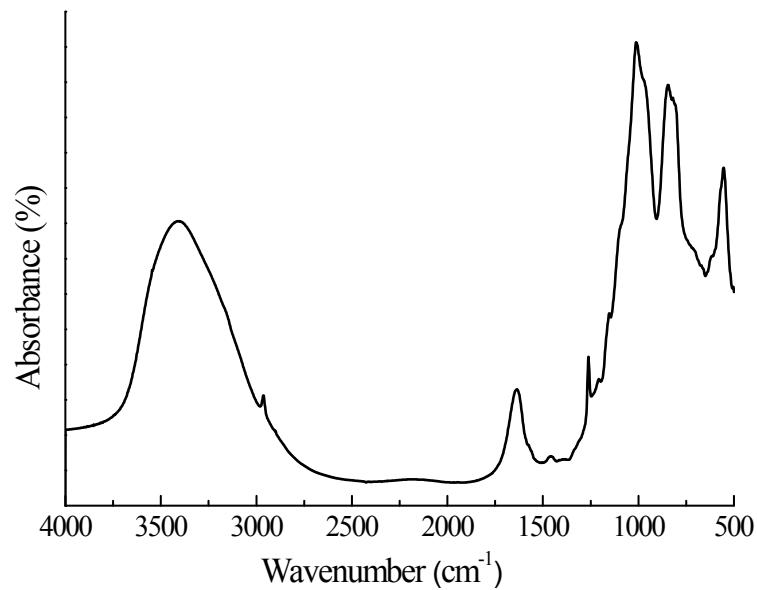
## Supporting information

### Multi-component assembly and luminescence tuning of lanthanide hybrids through the inside-outside double modification of zeolite A/L

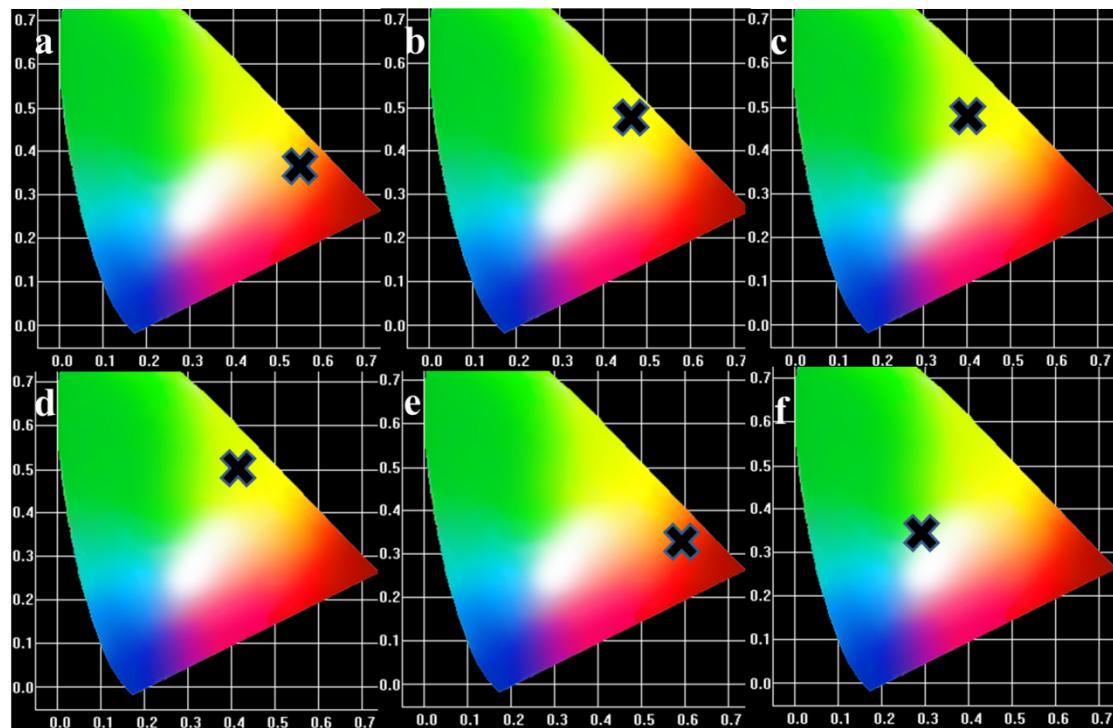
Lei Chen, Bing Yan\*



**Figure S1** XRD patterns of zeolite A (a) and zeolite L (b) from 5-60 ° in a 2θ range



**Figure S2** The selected FTIR spectrum of SmW10-IM-[ZA $\supset$ Eu-TTA]



**Figure S3** The selected CIE diagrams of EuW10-IM-[ZA $\supset$ Tb-TAA] (a), EuW10-IM-[ZL $\supset$ Tb-TAA] (b), TbW10-IM-[ZA $\supset$ Eu-TTA] (c), TbW10-IM-[ZL $\supset$ Eu-TTA] (d), SmW10-IM-[ZA $\supset$ Eu-TTA] (e) and DyW10-IM-[ZA $\supset$ Tb-TAA] (f)