

## Supporting Information

### **Enhanced Anti-stocks Luminescence in $\text{LaNbO}_4: \text{Ln}^{3+}$ ( $\text{Ln}^{3+} = \text{Yb}^{3+}, \text{Er}^{3+}/\text{Ho}^{3+}/\text{Tm}^{3+}$ ) With Abundant Color**

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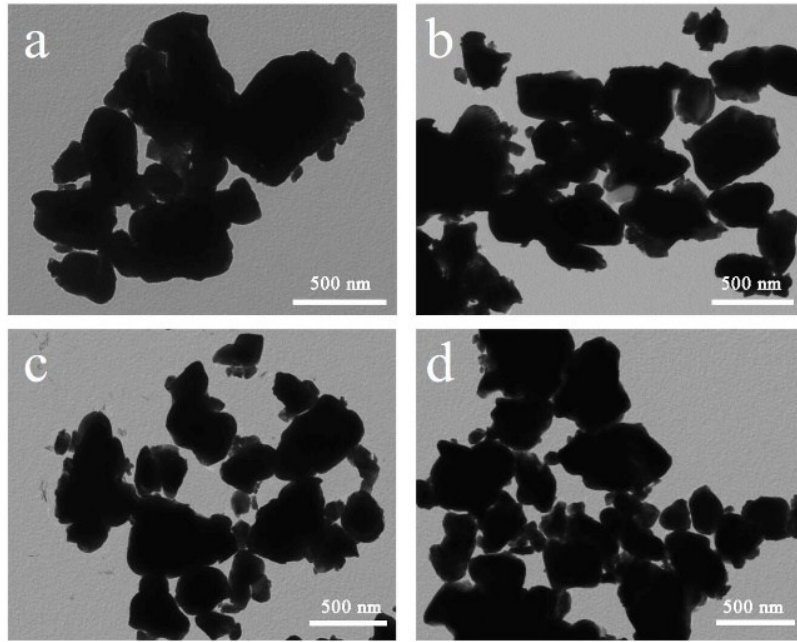


Fig. S1 TEM images of the as-prepared (a) LNO, (b) LNO: 0.10Yb<sup>3+</sup>, 0.02Er<sup>3+</sup>, (c) LNO: 0.15Yb<sup>3+</sup>, 0.005Ho<sup>3+</sup>, (d) LNO: 0.15Yb<sup>3+</sup>, 0.003Tm<sup>3+</sup>.

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