

Supplementary Information

Transition to cubic phase and enhancement of green upconversion emission by adding La^{3+} ions in hexagonal $\text{NaLuF}_4:\text{Yb}^{3+}/\text{Er}^{3+}$ nanocrystals

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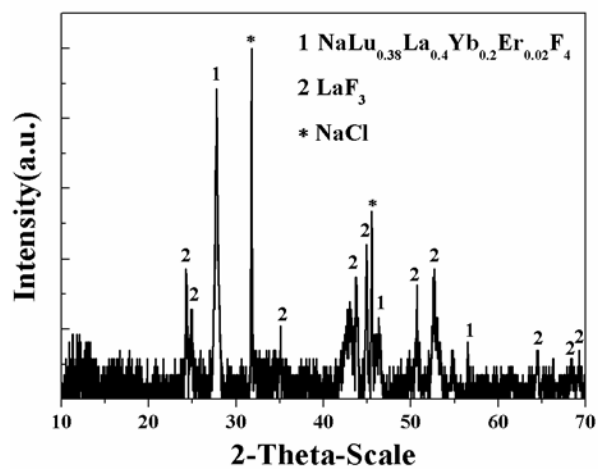


Fig. S1 The XRD patterns of $\text{NaLu}_{0.38}\text{La}_{0.4}\text{Yb}_{0.2}\text{Er}_{0.02}\text{F}_4$ NCs.