

Supporting Information

Improving luminescence thermometry based on non-thermally coupled levels of double luminescence centers Tm^{3+} and Ho^{3+} ions in $\text{NaYF}_4:\text{Yb}/\text{Tm}@/\text{NaYF}_4:\text{Yb}/\text{Ho}$ microcrystals

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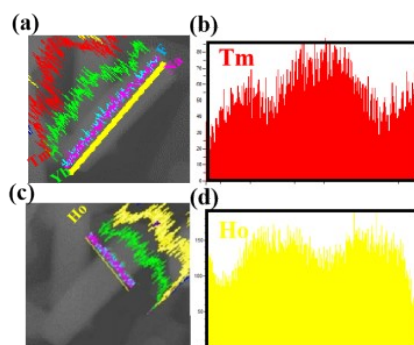


Figure S1. Line scans of the element distributions in the $\text{NaYF}_4:\text{Yb}/\text{Tm}@/\text{NaYF}_4:\text{Yb}/\text{Ho}$ microrod along (a) the axial direction and (c) the radial direction. (b, d) The red and yellow lines represent the Tm and Ho elements.

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