High Uniformity and Monodispersity of Sodium Rare-Earth Fluoride Nanocrystals: Controllable synthesis, Shape evolution, and Optical Properties

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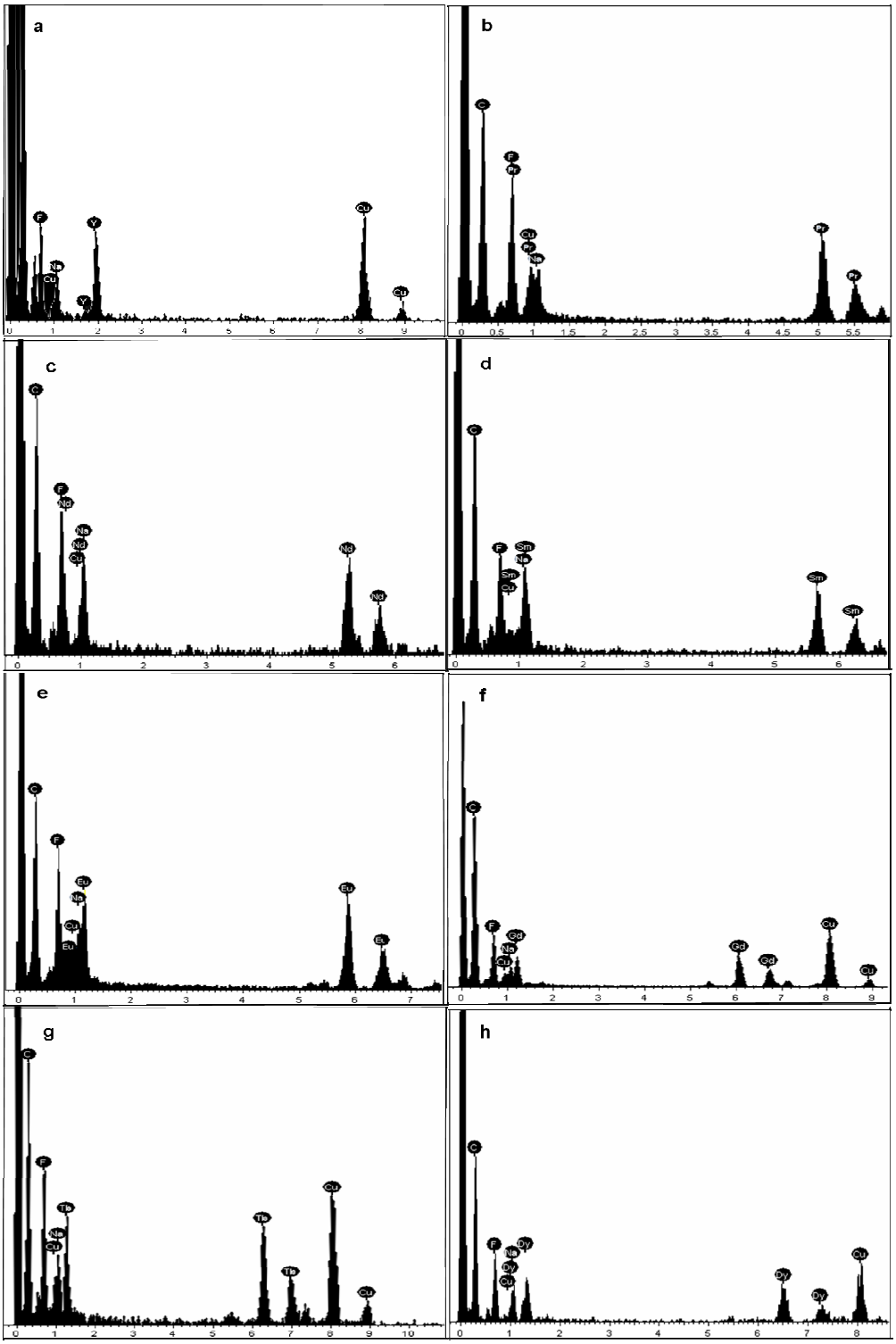
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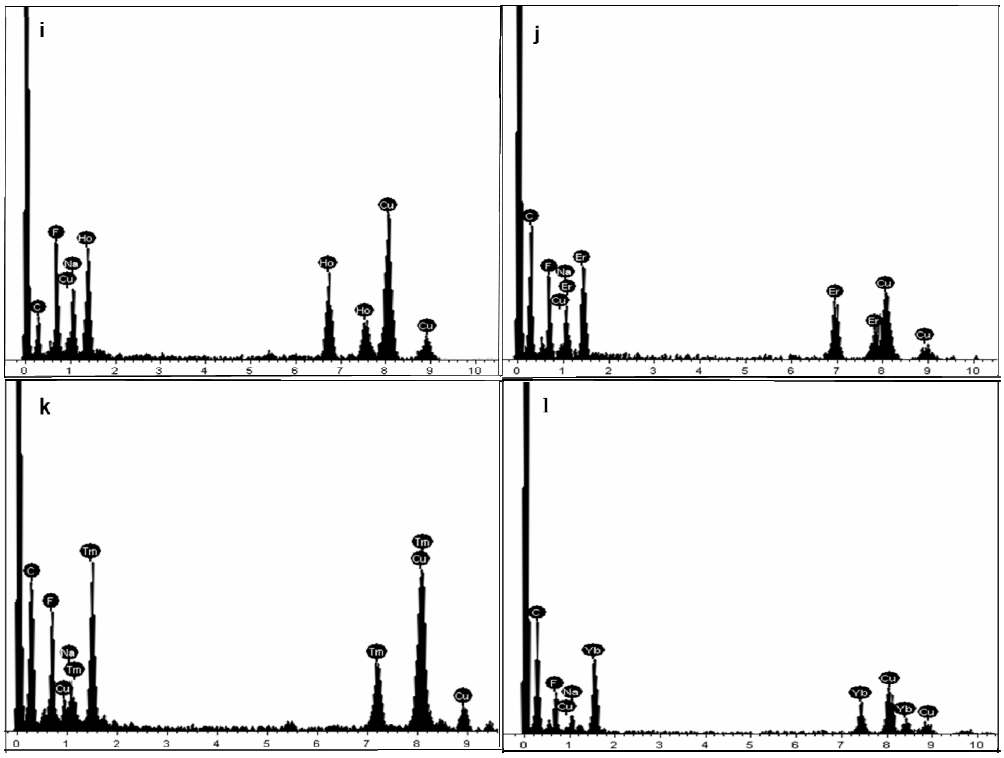

Figure S1. Energy dispersive X-ray spectroscopy analysis (EDS) of $NaReF_4$ nanocrystals: a) $NaYF_4$, b) $NaPrF_4$, c) $NaNdF_4$, d) $NaSmF_4$, e) $NaEuF_4$, f) $NaGdF_4$, g) $NaTbF_4$, h) $NaDyF_4$, i) $NaHoF_4$, j) $NaErF_4$, k) $NaTmF_4$ and l) $NaYbF_4$.

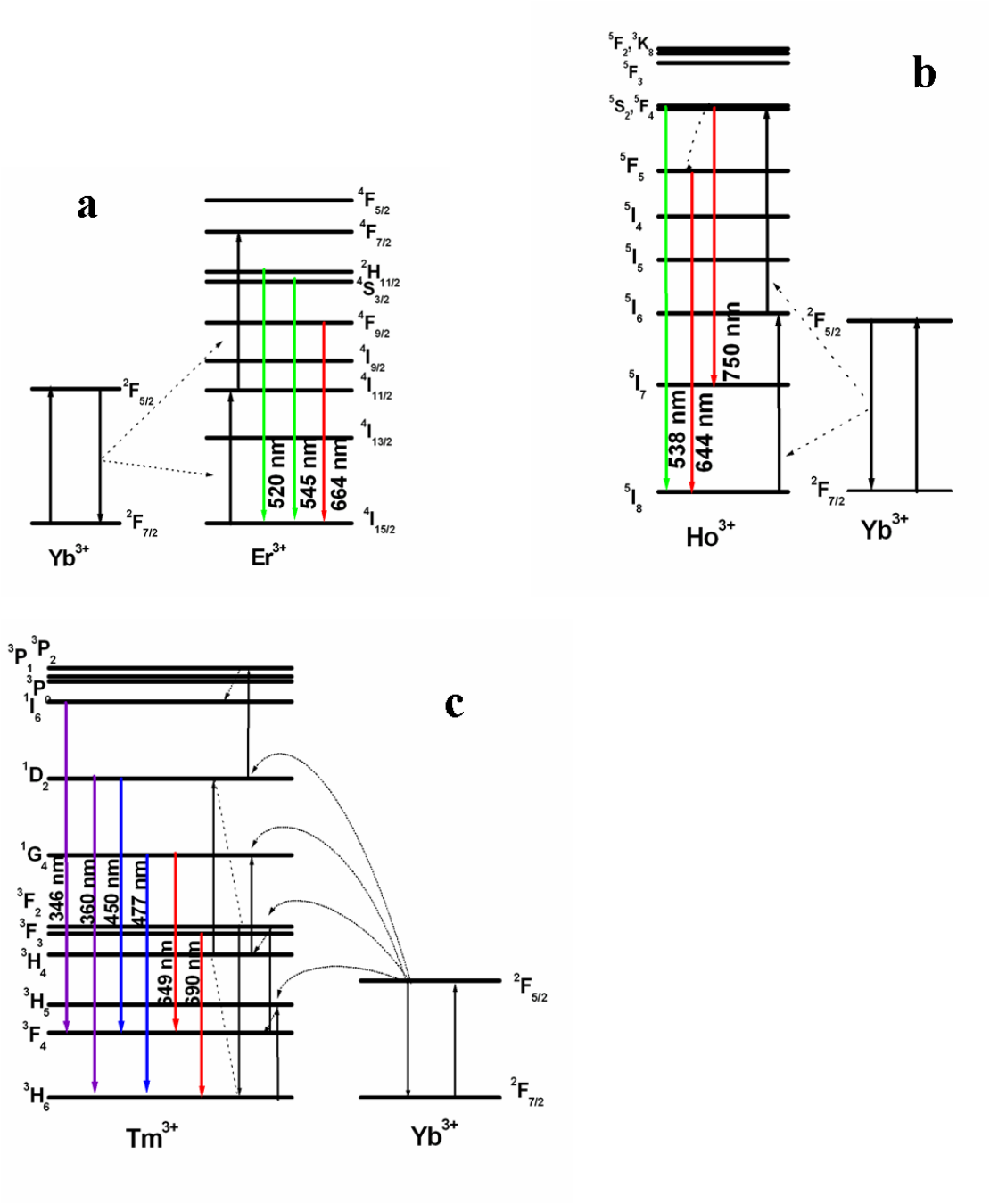

Figure S2. Simplified energy level diagrams of upconversion excitation for the Yb^{3+}/Er^{3+} (a), Yb^{3+}/Ho^{3+} (b) and Yb^{3+}/Tm^{3+} (c) systems.