Electronic Supplementary Material (ESI) for CrystEngComm.

Supporting Information

A facile route to controlled synthesis of β-$NaLuF_4$:Ln^{3+} (Ln=Eu, Tb, Dy, Sm, Tm, Ho) and their tunable luminescent properties

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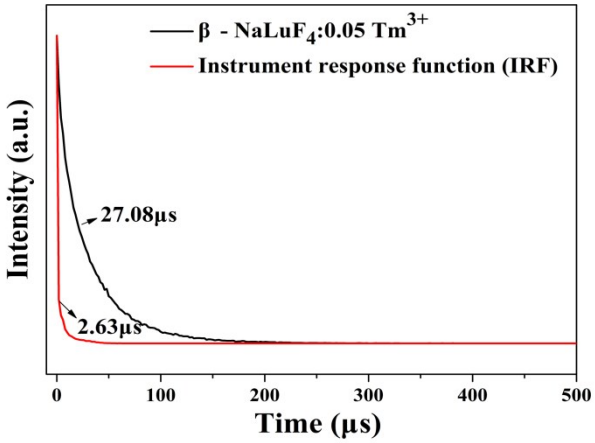

Fig.S1 The decay curves for the luminescence of Tm^{3+} ions in β-$NaLuF_4$:0.05 Tm^{3+} sample and the instrument response function (IRF) (excited at 356 nm, monitored at 451 nm).

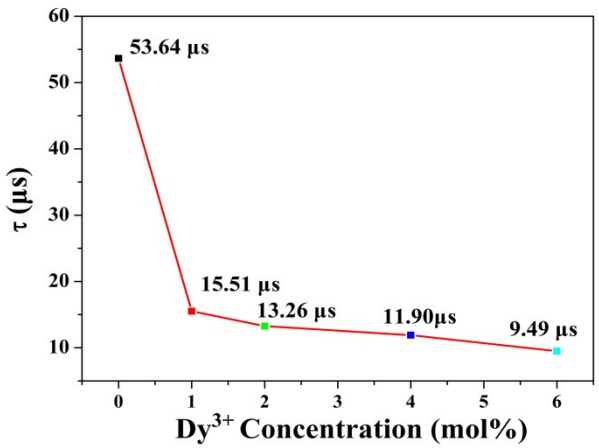

Fig.S2 Line chart of the decay times of Tm^{3+} ions in β-$NaLuF_4$: 0.03Tm^{3+}, yDy^{3+} (y=0, 1 mol%, 2 mol%, 4 mol%, 6 mol%) samples.