Supporting Information

Efficient and tunable multi-color and white light Ln-MOFs with high luminescent quantum yields

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Fig. S1 Powder XRD patterns (top, red) and simulated patterns (bottom, blue) of compounds 1–9 (left, 0-50 degree, right, 0-30 degree).
Fig. S2 TGA curves of compounds 1–3.

Fig. S3 Variable temperature XRD spectra for compound 1.
Fig. S4 IR spectra of compounds 1–9.
Fig. S5 Excitation spectra of compounds 1–3, 5 and ligands m-H$_2$BDC and Phen.