Supplementary information for

Structural and fluorescent regulation of Cd(II) coordination polymers with homoterephthalatate by N-donor second ligands

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\textbf{Figure S1} The experimental and simulated PXRD patterns for complex 1.
Figure S2 The experimental and simulated PXRD patterns for complex 2.

Figure S3 The experimental and simulated PXRD patterns for complex 3.

Figure S4 The experimental and simulated PXRD patterns for complex 4.

Figure S5 The experimental and simulated PXRD patterns for complex 5.