Supporting Information

From 1D Zigzag Chains to 3D chiral Frameworks: Synthesis and Properties of Praseodymium(III) and Neodymium(III) Coordination Polymers

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Fig. S1. Powder X-ray diffraction patterns of complexes 1-4, corresponding to (a)-(d). Black color lines response the experimental data, red color lines response the simulated data.

Fig. S2 The coordination environment of Pr$^{III}$ ion in 1.
Fig. S3 Packing diagram of 1D chain showing hydrogen bonding interactions.

Fig. S4 The coordination environment of Pr$^{III}$ ions in 3.

Fig. S5. The solid-state UV absorption spectrum of 3 (a) and 4 (b).
Fig. S6. TGA curves of 3 (green) and 4 (purple).

Fig. S7. Powder X-ray diffraction patterns of the activated complexes 3 (a) and 4 (b). Black color lines response the experimental data, red color lines response the simulated data.