

## Supporting Information

### Syntheses, Structures, Photoluminescence and Magentic Properties of Four-connected Lanthanide-Tricarboxylate Coordination Polymers

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### *Supporting figures*

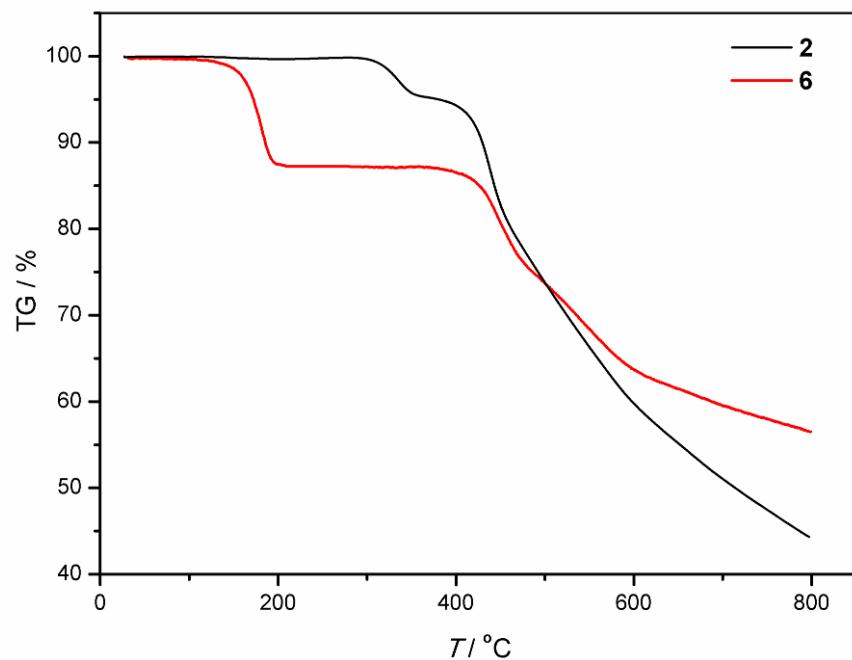
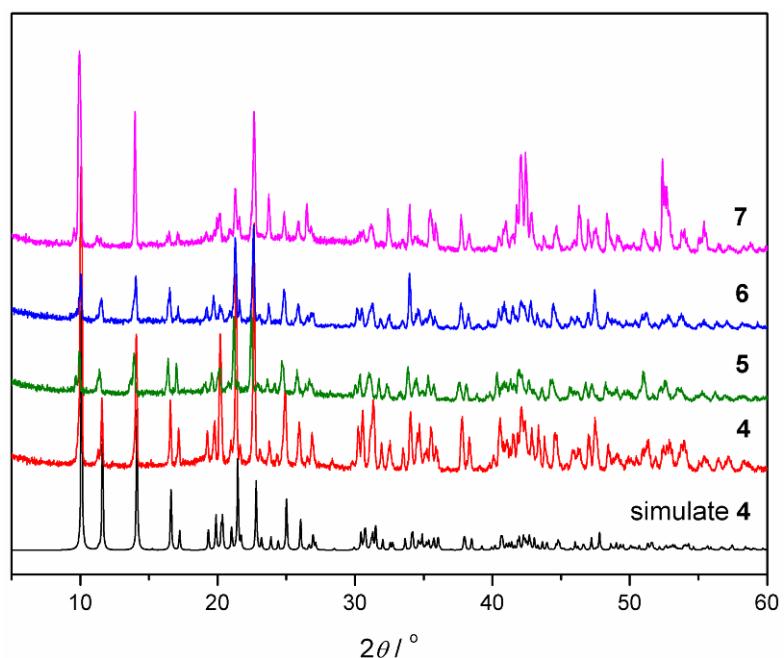
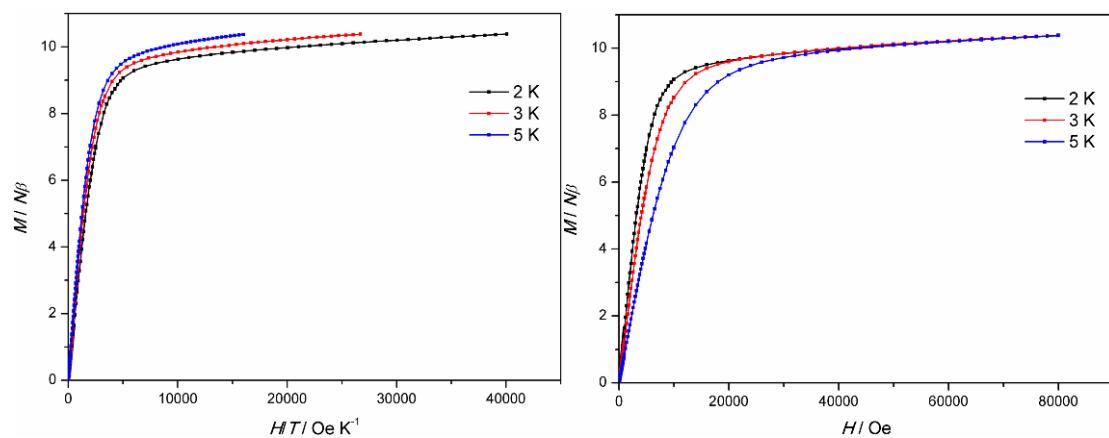


Figure S1. The TGA diagrams of **2** and **6**.



**Figure S2.** Experimental and theoretical X-ray powder diffraction patterns for **4-7**.



**Figure S3.** Field dependence of the magnetization for **6**.