Spin-canting magnetization in 3D metal organic frameworks based on strip-shaped Δ-chains

Xiu-Mei Zhang*, Peng Li, Wei Gao and Jie-Ping Liu

*College of Chemistry and Materials Science, Huaibei Normal University, Anhui 235000, China  zhangxiumeib@126.com

**Fig. S1.** Comparison of the XRD patterns measured for 1 (black) and that calculated from the single-crystal data of 1 (red).

**Fig. S2.** Comparison of the XRD pattern measured for 2 (black) and 3 (blue) with that
calculated from the single-crystal data of 1 (red).

Fig. S3. Hysteresis loop of 1 at 2 K.

Fig. S4. $\chi'(T)$ and $\chi''(T)$ plot for 2 at frequencies 1, 1111, 333 and 997 Hz with $H_{dc} = 0$ and $H_{ac} = 3.0$ Oe.
Fig. S5. $\chi'(T)$ and $\chi''(T)$ plot for 3 at frequencies 1, 11, 111, 333 and 997 Hz with $H_{dc} = 0$ and $H_{ac} = 3.0$ Oe.