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Supplementary Material
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Figure S1. Thermal dependence of $\chi_M T$ for 6 at 0.1 T.

Figure S2. Field dependence of the magnetization for 6 at 2K.

Figure S3. Frequency dependence of the out of phase susceptibilities against temperature in a 3 G ac magnetic field oscillating at different frequencies (50, 100, 250, 500 and 1000 Hz) for complex 3.

Figure S4. Magnetization ($M$) vs magnetic field ($H$) hysteresis loops for a single crystal of 3 at indicated temperatures and field sweep rates. $M$ is normalized to its saturation value at 1.4 T.

Figure S5. Magnetization ($M$) vs magnetic field ($H$) hysteresis loops for a single crystal of 6 at indicated temperatures and field sweep rates. $M$ is normalized to its saturation value at 1.4 T.

Figure S6. Normalized magnetization $M/M_s$ measured as a function of time at the indicated temperatures. The sample was a single crystal of 5.
Figure S3.
Figure S4.
Figure S5.