Supplementary information

Heterometallic 20-Membered \{Fe_{16}Ln_4\} (Ln = Sm, Eu, Gd, Tb, Dy, Ho) Metallo-Ring Aggregates

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Magnetic measurements:
Figure S1. The field dependence of magnetisation of compounds 1 - 6 at indicated temperatures.
Figure S2: Field dependence of experimental magnetisation of 3 (open circles) together with the calculated magnetisation for the uncoupled sum of 4 $S=7/2$ spins assuming $g=2.0$ (solid line).

Figure S3. Temperature dependence of the in-phase and the out-of-phase ac susceptibility components at different frequencies under zero dc field for Fe$_{16}$Dy$_4$. 5.

Figure S4. Frequency dependence of the in-phase and the out-of-phase ac susceptibility components at 1.8 K under a dc field of 500 Oe for Fe$_{16}$Dy$_4$. 5.