Supporting information for manuscript:

'Bis-tris propane as a new multidentate ligand for nickel- and cobalt-based spin clusters.'
Alan Ferguson, Marc Schmidtmann, Euan K. Brechin and Mark Murrie

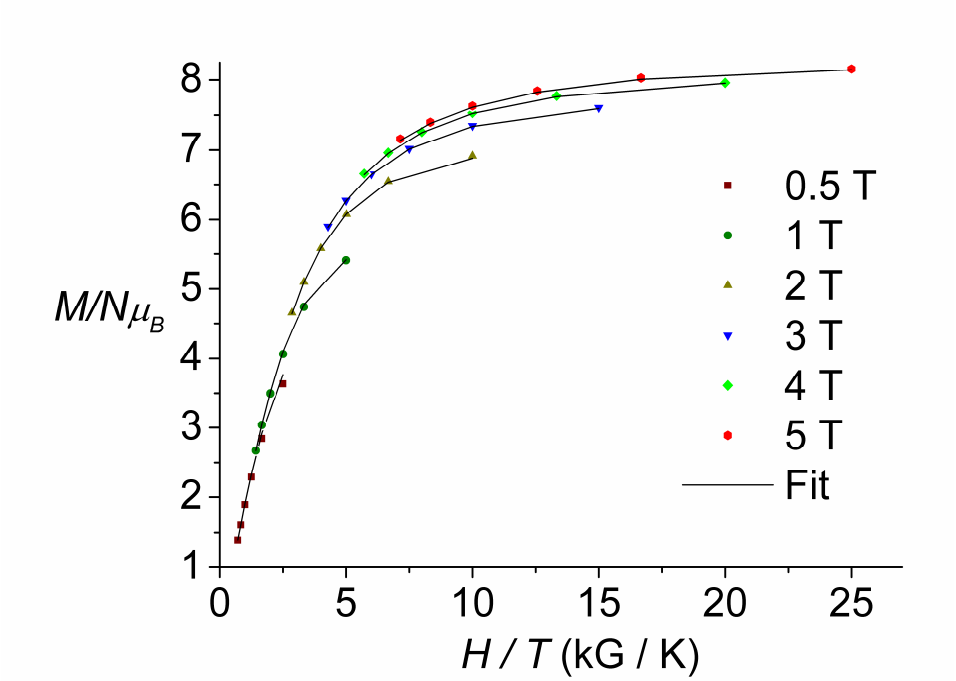

Fig. S1 Reduced magnetisation ($M/N\mu_B$) vs. H/T for $Ni_4(H_4L)(H_3L)(acac)_2][OAc]$ **1** (the solid lines show the fits). The best fit gave a spin ground state of $S = 4$ with $g = 2.11$ and $D = -0.41$ cm^{-1}.

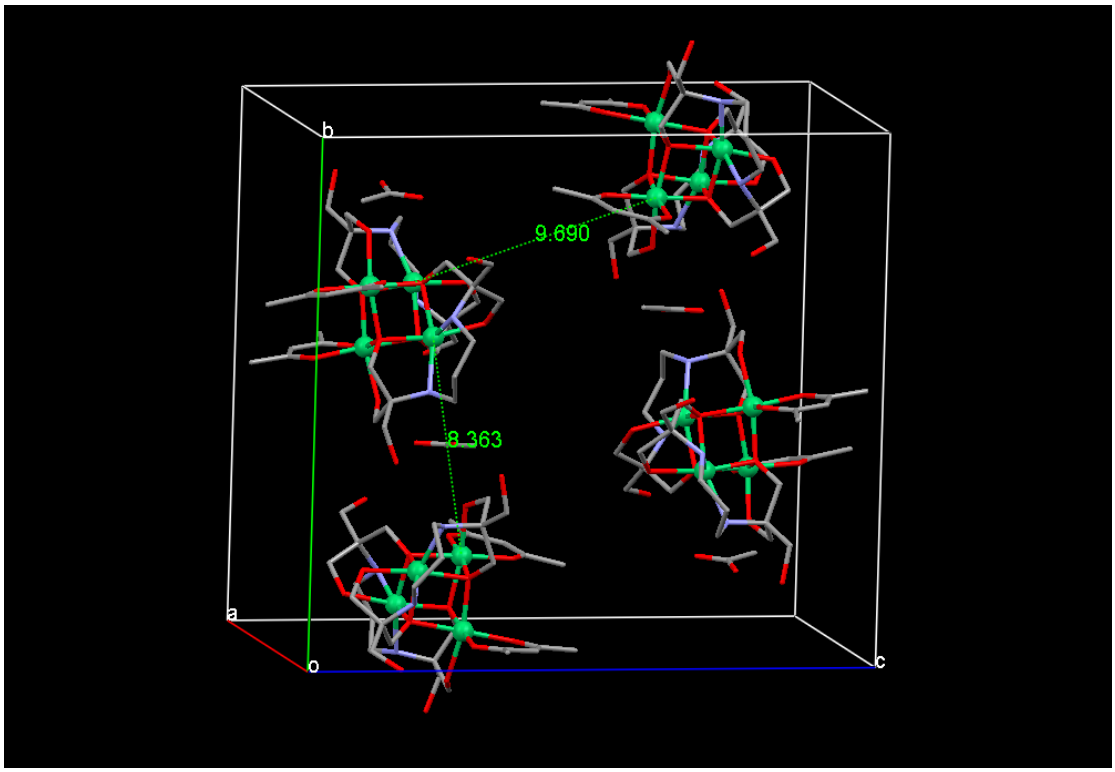

Fig. S2 Crystal packing diagram for $[Ni_4(H_4L)(H_3L)(acac)_2][OAc]$ **1** (H atoms and solvent omitted for clarity). Ni-Ni intermolecular distances given in Å.

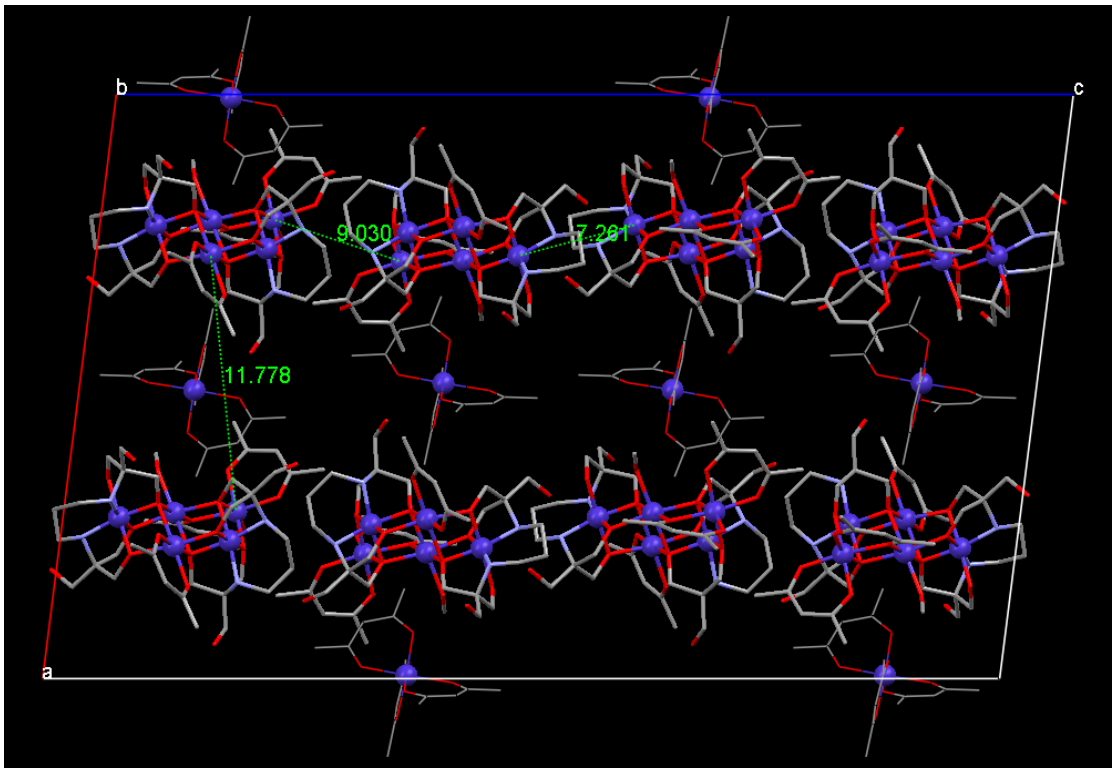

Fig. S3 Crystal packing diagram for $[Co^{II}_3Co^{III}_2(H_2L)_2(acac)_3(MeOH)][Co^{II}(acac)_3]$ **2** (H atoms and solvent omitted for clarity). Co-Co intermolecular distances given in Å.