

## SUPPORTING INFORMATION:

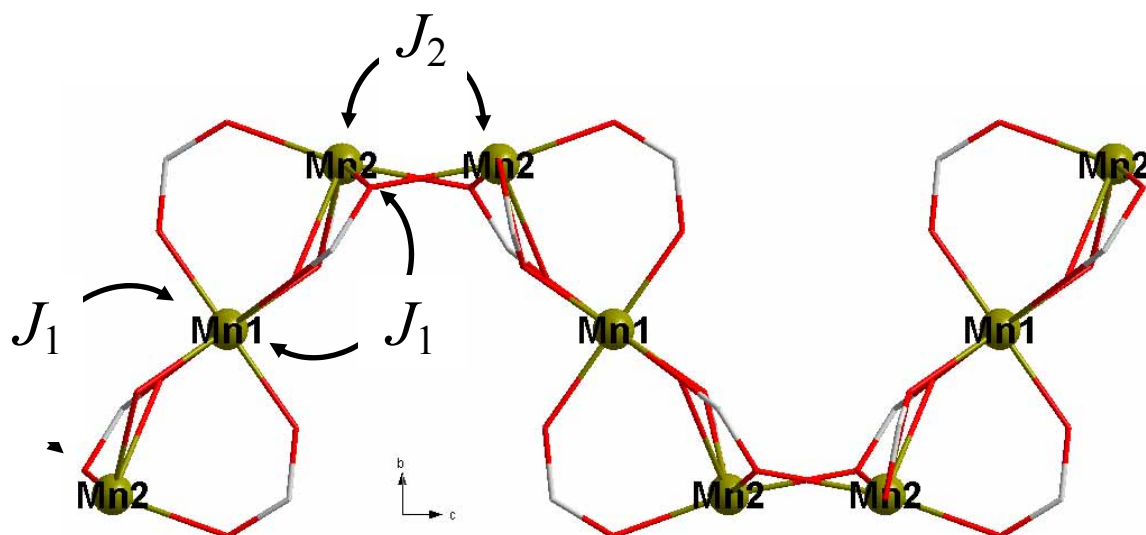
### Magneto-structural correlations of a three-dimensional Mn based metal-organic framework

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**Figure S1:** Schematic of the exchange interactions in  $[\text{Na}\{\text{Mn}_3(\text{Hbtc})_2(\text{btc})\}\cdot 5\text{H}_2\text{O}]_n$ : Models 1 and 2 use  $J_1 = J_2$ ; Model 3 has  $J_1 \neq J_2$ .