

Supplementary Materials: Torque-Detected Electron Spin Resonance as a Tool to Investigate Magnetic Anisotropy in Molecular Nanomagnets

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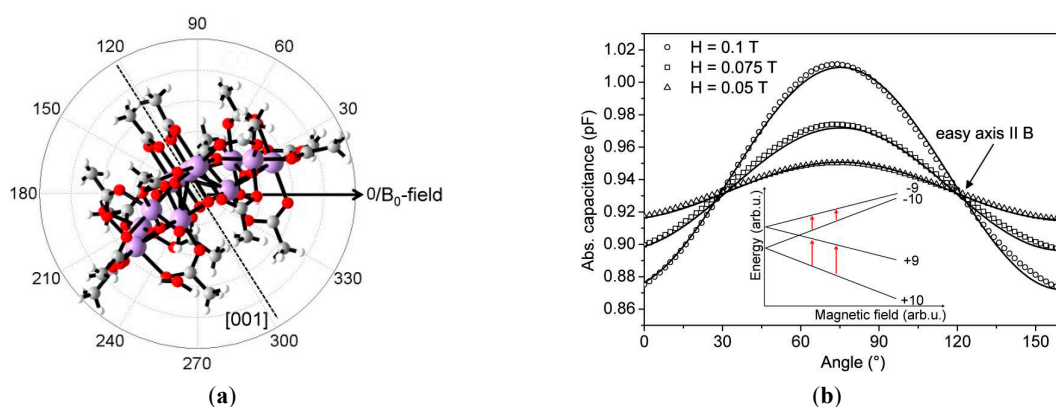


Figure S1. (a) Starting orientation for the cantilever torque magnetometry (CTM) measurement, indicating the crystal [0 0 1] (*c*-)axis and the direction of the external magnetic field B_0 ; (b) Angle dependent CTM measurements recorded on a single crystal of Mn_{12} at 8 K and different fields as indicated.

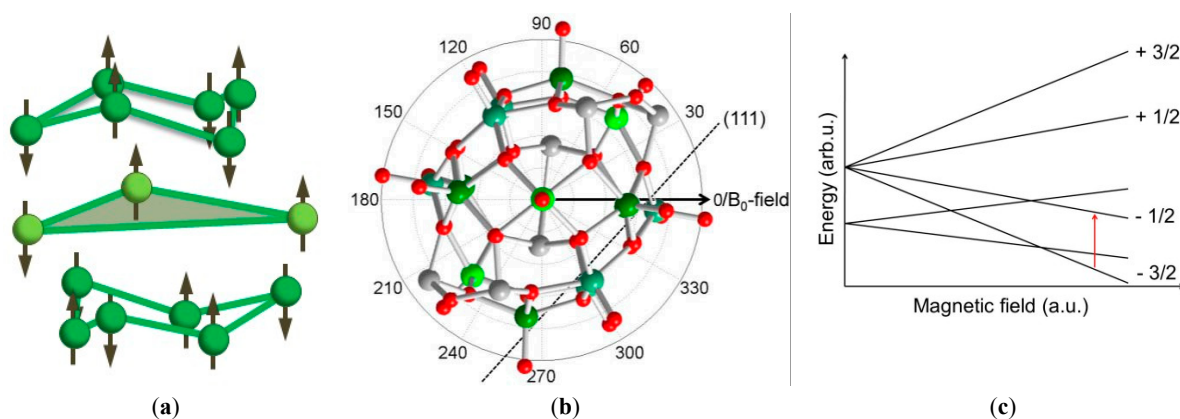


Figure S2. (a) Schematic picture of the spin structure of V_{15} ; (b) Starting orientation for the CTM measurement, indicating the crystal (1 1 1) plane and the direction of the external magnetic field B_0 ; (c) Qualitative energy level diagram of V_{15} as a function of field.

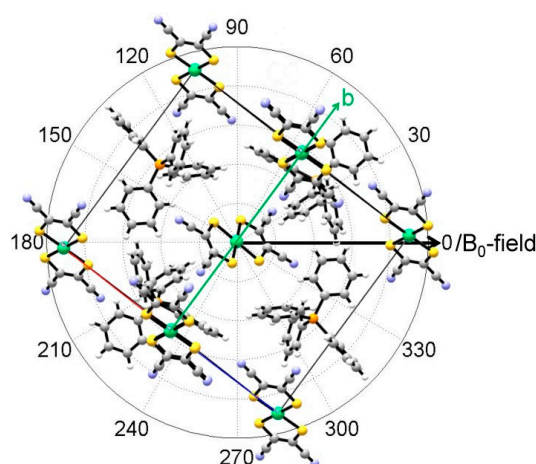


Figure S3. Starting orientation for the CTM measurement on Cu-mnt , indicating the crystal *b*-axis and the direction of the external magnetic field B_0 .