

**Supplementary information, Figure S2** Detailed interactions between the C-terminal  $\alpha$ -helix of MSL1<sub>MBM</sub> and MOF<sub>HAT</sub>. (A) Cartoon representation of two views of the interaction interface between the  $\alpha$ -helix of MSL1<sub>MBM</sub> and MOF<sub>HAT</sub>. (B) Electrostatic surface potential representation of the MSL1-binding surface of MOF. Positive potential, blue; negative potential, red.