

Table S1**Table S1. Comparative Table of O...H/H...O, H...H and O...V/V...O Contacts between $[C_7ON_2H_{18}]_3V_{10}O_{28} \cdot 2H_2O$ and $(NH_4)_4Li_2V_{10}O_{28} \cdot 10H_2O$ Structures**

$[C_7ON_2H_{18}]_3V_{10}O_{28} \cdot 2H_2O$	$(NH_4)_4Li_2V_{10}O_{28} \cdot 10H_2O$
O...H/H...O: 56.7 %	O...H/H...O: 55.4%
H...H: 30.2 %	H...H: 18.4%
O...V/V...O: 7.1 %	V...O/O...V: 10.9%