## **Supplementary Information**

## Synthesis of hexagonal tungsten bronze with significantly lower temperature and shorter time

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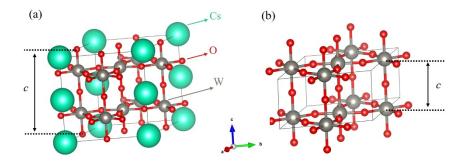


Figure S1 Crystal structures of (a) h-M<sub>x</sub>WO<sub>3</sub> (*i.e.*, h-Cs<sub>0.33</sub>WO<sub>3</sub>) with  $P6_3$ /mcm symmetry and (b) h-WO<sub>3</sub> or [WO<sub>6</sub>] framework of h-Na<sub>x</sub>WO<sub>3</sub> with P6/mmm symmetry derived from VESTA.