## Enhanced photocatalytic activity of quantum-confined tungsten trioxide nanoparticles in mesoporous silica

Daisuke Tanaka, Yuya Oaki and Hiroaki Imai\*

D. Tanaka, Dr. Y. Oaki and Prof. H. Imai, Department of Applied Chemistry, Faculty of Science and Technology, Keio University, 3-14-1Hiyoshi, Kohoku-ku, Yokohama, 223-8522, Japan. Fax: +81–45–566–1551 E-mail: hiroaki@applc.keio.ac.jp

## **Supporting Information**

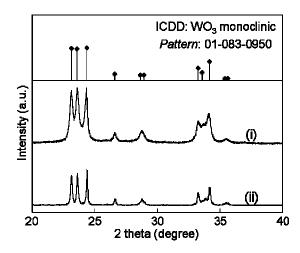


Fig. S1 Powder X-ray diffraction patterns of WO<sub>3</sub> particles prepared without a silica matrix (i) and commercial WO<sub>3</sub> powder (ii).