Supplementary Material

**Hollow** WO3/SnO2**hetero-nanofibers: Controlled synthesis and high efficiency of acetone vapor detection**

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**Supplementary Material available:** The following files are available free of charge.

**Fig. S1.** EDS spectrum image of 0.3 wt% WO3/SnO2 HNFs.

**Fig. S2.** Long-term stability of the sensors consisting of WO3/SnO2 HNFs to 100 ppm of acetone within 30 days.

**Fig. S3.** Response/recovery times of 0.3 wt% WO3/SnO2 sample to 100 ppb acetone.



**Fig. S1.** EDS spectrum image of 0.3 wt% WO3/SnO2 HNFs.



**Fig. S2.** Long-term stability of the sensors consisting of pure SnO2 and three groups of WO3/SnO2 (WO3 of 0.1, 0.3, 0.9 wt%) to 100 ppm acetone within 30 days.



**Fig. S3.** Response/recovery times of 0.3 wt% WO3/SnO2 sample to 100 ppb acetone.