**Supplementary Information**

**Ag-Modified In$_2$O$_3$/ZnO Nanobundles with High Formaldehyde Gas-Sensing Performance. Sensors 2015, 15, 20086-20096**

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**Figure S1.** (a) Equivalent circuit of the sensor with the measuring system, in which $R_1$ is a small resistor in the system [1]; (b) Schematic image (not to scale) of the structure of an HCHO sensor, in which the small Al$_2$O$_3$ tube is coated with as-prepared sample and the resistive heater inside the Al$_2$O$_3$ tube is used to control the sensors’ temperature; (c) Optical image of an HCHO sensor that has been mounted on the sensor holder of the measuring system.
Figure S2. SEM images of samples after aging at 300 °C for 2 h, (a) sample Z 1 (b) sample Z 2.

References

1. Fang, F.; Bai, L.; Sun, H.Y.; Kuang, Y.; Sun, X.M.; Shi, T.; Song, D.S.; Guo, P.; Yang, H.P.; Zhang, Z.F.; et al. Hierarchically porous indium oxide nanolamellas with ten-parts-per-billion-level formaldehyde-sensing performance. *Sens. Actuators B* 2015, *206*, 714–720.

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