**Supplementary Material**

Simultaneous and Ultra-sensitive Detection of Foodborne Bacteria by Gold Nanoparticles-amplified Microcantilever Array Biosensor

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**Supplementary Tables**

**Table S1** The foodborne bacteria used in the experiment

|  |  |
| --- | --- |
| **Bacterial strain** | **Resource** |
| *Escherichia**coli*O157:H7 | ATCC 25922 |
| *Vibrio parahaemolyticus* | ATCC 17802 |
| *Salmonella* *choleraesuis* | ATCC 13312 |
| *Staphylococcus aureus* | ATCC 26075 |
| *Listeria monocytogenes* | ATCC 13932 |
| *Shigella dysenteriae* | CMCC51252 |
| *Streptococcus hemolyticus* | CMCC 32210 |
| *Klebsiella pneumoniae* | CMCC 46117 |
| *Yersinia enterocolitis* | CMCC 52225 |
| *Type b paratyphoid salmonella* | CMCC 50094 |
| *Enterobacter sakazakii* | CMCC 45401 |
| *Song Shigella*  | CMCC51592 |

**Supplementary Figures**



1. (B)

**Fig. S1.** The fluorescence microscopic image of piezoresistive microcantilever.

1. The unmodified piezoresistive microcantilever; (B) the modified piezoresistive microcantilever by ssDNA probe.



**Figure S2.** TEM images of the prepared Au NPs by sodium borohydride reduction method.