

1 **Supplemental Information**

2 **Probiotic coated with glycol chitosan/alginate relieves**  
3 **oxidative damage and gut dysmotility induced by**  
4 **oxytetracycline in zebrafish larvae**

5 Ju Wang <sup>a</sup>, Lei Wang <sup>a</sup>, Shengnan Shi <sup>a</sup>, Yaqi Cao <sup>a</sup>, Junmei Feng <sup>a</sup>,

6 Changhong Liu <sup>a\*</sup>, Lei Zheng <sup>a,b\*</sup>

7 <sup>a</sup> Engineering Research Center of Bio-Process, Ministry of Education,  
8 School of Food and Biological Engineering, Hefei University of  
9 Technology, Hefei, 230009, China

10 <sup>b</sup> Intelligent Interconnected Systems Laboratory of Anhui Province, Hefei  
11 University of Technology, Hefei, 230009, China

12 **Table Captions**

13 **Table S1** RT-PCR amplified primers.

Table S1. RT-PCR amplified primers

Gene name	Forward (5'-3')	Reverse (5'-3')
<i>β-Actin</i>	GGTATGGGACAGAAAGACAG	AGAGTCCATCACGATAACCAG
<i>CAT</i>	AGGGCAACTGGGATCTTACA	TTTATGGGACCAGACCTTGG
<i>SOD</i>	GTCCGCACTTCAACCCTCA	TCCTCATTGCCACCCTTCC
<i>GPx</i>	AGGCACAACAGTCAGGGATT	CAGGAACGCAAACAGAGGG
<i>Nrf2</i>	TCGGGTTTGTCCCTAGATG	AGGTTTGGAGTGTCCGCTA
<i>TPH-1A</i>	TTCAAGGACAATGTCTATCG	GGGAGTCGCAGTGTTTGATG
<i>TPH-1B</i>	CCTCTGCTGCTGAAAACCTG	ATCAGAGGGGAGAGGAGGT T
<i>TPH-2</i>	GAAGCATGTGAATTTGGCGC	TTCCTTCCCCATCTGGCAAT
<i>5-HT<sub>R</sub></i>	ATGAGGATGAGCGGGATGTA G	CAATCAGCCAGGACCACG