SUPPORTING INFORMATION:

Construction of novel xanthine biosensor by using Zinc Oxide (ZnO) by biotemplate method for fish freshness detection

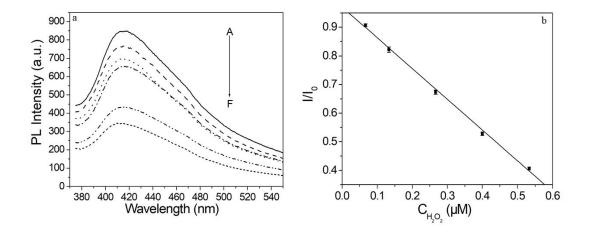


Fig. S1. (a) Fluorescence changes upon the interaction of ZnO nanomaterial with different amounts of H_2O_2 , A-E represents the concentration of H_2O_2 of 0, 5.33×10^{-7} , 4.0×10^{-7} , 2.67×10^{-7} , 1.33×10^{-7} and 6.67×10^{-8} mol/L, respectively. (b) The relationship between ZnO nanomaterial and the concentration of H_2O_2 .