Supporting information

Au$_{25}$(SG)$_{18}$ as fluorescent iodide nanosensor

Man Wang, a Zhikun Wu,* a Jiao Yang, a Guozhong Wang, a Hongzhi Wang, b Weiping Cai,* a

a Key Laboratory of Materials Physics, Anhui Key Laboratory of Nanomaterials and Nanostructures, Institute of Solid State Physics, Chinese Academy of Sciences, Hefei, 230031, China. E-mail: zkwwu@issp.ac.cn; wpcai@issp.ac.cn
b Center of Medical Physics and Technology, Hefei Institutes of Physical Science, Chinese Academy of Sciences, Hefei 230031

Figure S1. Fluorescence spectra of Au$_{25}$(SG)$_{18}$ (~1.6 μM in H$_2$O) with successive titration of iodide.

Figure S2. Time-dependent fluorescence of Au$_{25}$(SG)$_{18}$ after the addition of 400nM NaI.