Electronic Supplementary Material

Fluorometric "Turn-On" Glucose Sensing through the In Situ Generation of Silver Nanoclusters

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Fig. S1 Emission spectrum of the Ag NCs prepared from the commercial PMAA (Mw = 6500).



Fig. S2 Emission intensity of the sample solutions containing different starting materials. Samples: (1) glucose + GOx + MAA + Ag⁺, (2) GOx + MAA + Ag⁺, (3) glucose + MAA + Ag⁺, (4) glucose + GOx + Ag⁺, and (5) MAA + Ag⁺.



Fig. S3 UV-Vis absorption spectrum of the Ag NCs. Conditions: 600 μ M glucose, 400 mM MAA, 4 min illumination.



Fig. S4 (a) Changes in emission spectrum as a function of MAA concentration. (b) Changes in maximum emission intensity of (a) versus MAA concentration. Conditions: 600μ M glucose, 4 min illumination.



Fig. S5 (a) Changes in emission spectrum as a function of the illumination time, (b) changes in maximum emission intensity of (a) versus the illumination time. Conditions: 600μ M glucose, 400μ M MAA.