

Supporting Information

DNA Assembly of Silicon Quantum Dots / Gold Nanoparticle Nanocomposites

Asuka Inoue^a, Hiroshi Sugimoto^a, Hidenobu Yaku^b and Minoru Fujii^{a,†}

^a. Department of Electrical and Electronic Engineering, Graduate School of Engineering, Kobe University, Rokkodai, Nada, Kobe 657-8501, Japan.

^b. Advanced Research Division, Panasonic Corporation 3-4, Hikaridai, Seika-cho, Souraku-gun, Kyoto, 619-0237, Japan

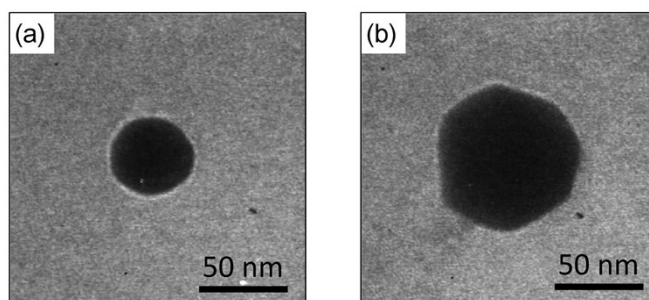


Figure S1. TEM image of (a) citrate coated and (b) ssDNA modified Au-NPs.

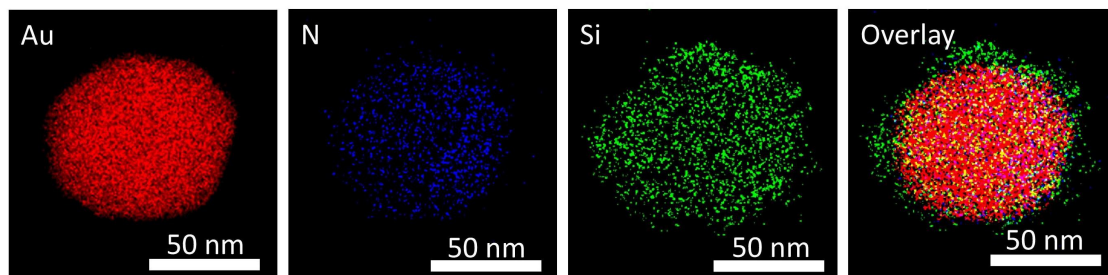


Figure S2. STEM-EDS element mapping of a Si-QDs / Au-NP nanocomposite formed by DNA hybridization