SUPPORTING INFORMATION

Monitoring Simultaneous Distance and Orientation Changes in Discrete Dimers of DNA linked Gold Nanoparticles

*Hongyun Wang and Björn M. Reinhard**

Department of Chemistry and The Photonics Center, Boston University, Boston, Massachusetts 02215

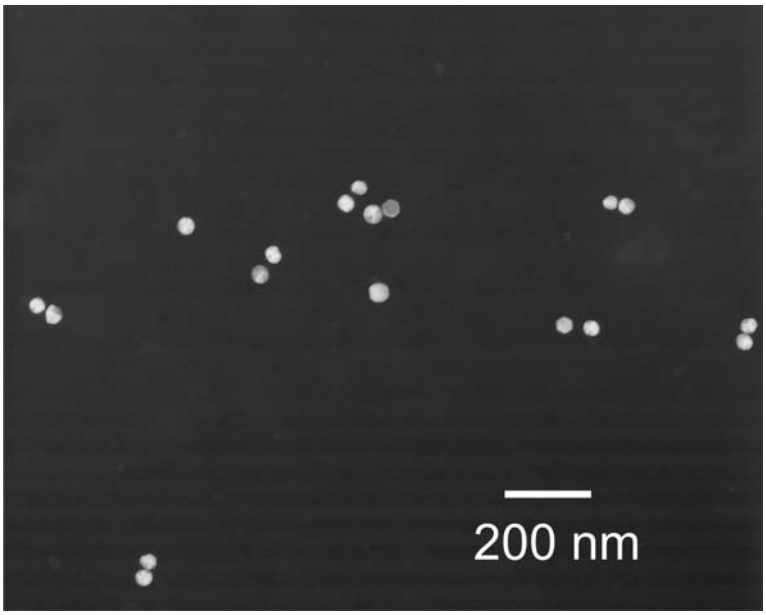

Figure S1. TEM micrograph of isolated dimers of DNA linked gold nanoparticles. The samples contained typically ~ 75% dimers, the remaining 25% were larger assemblies and monomers.

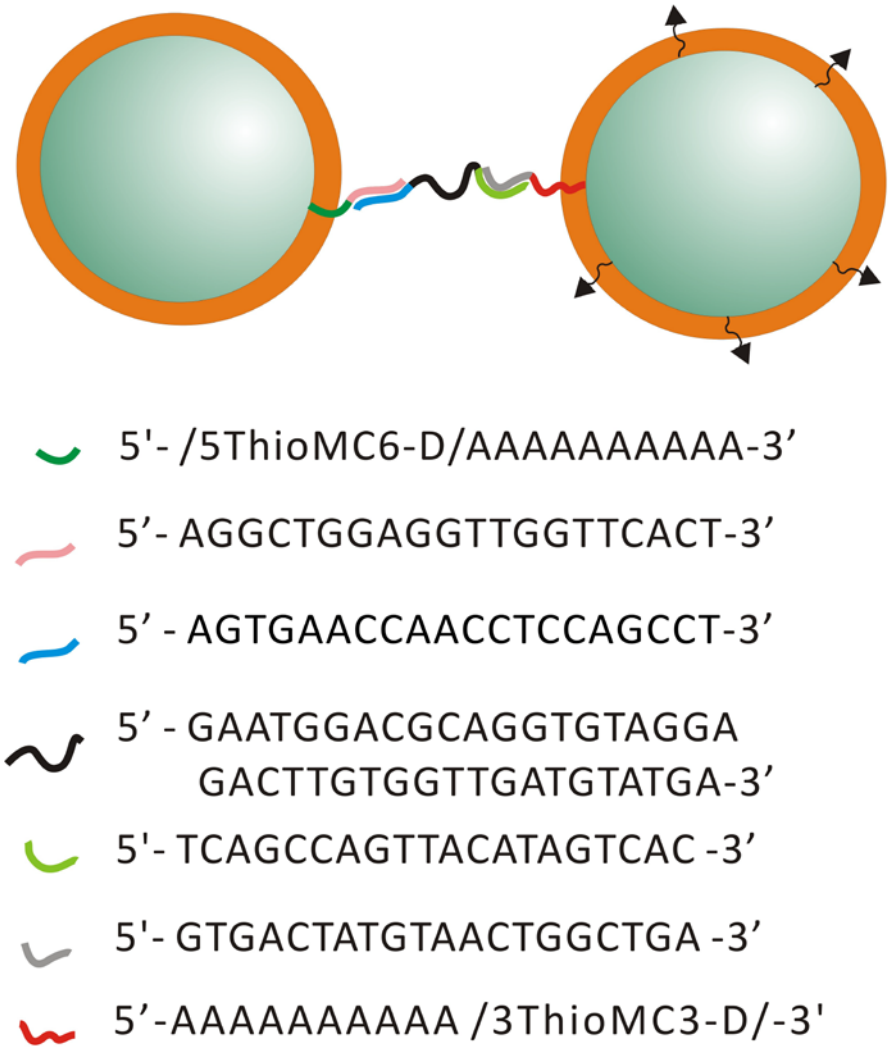

Figure S2. Schematic drawing of DNA linked dimers. The oligonucleotide sequences used for the DNA programmed dimer assembly are color-coded. The self-assembled PEG monolayers on the particle surface are indicated in orange.