Supporting Information

Decorating a single giant DNA with gold nanoparticles

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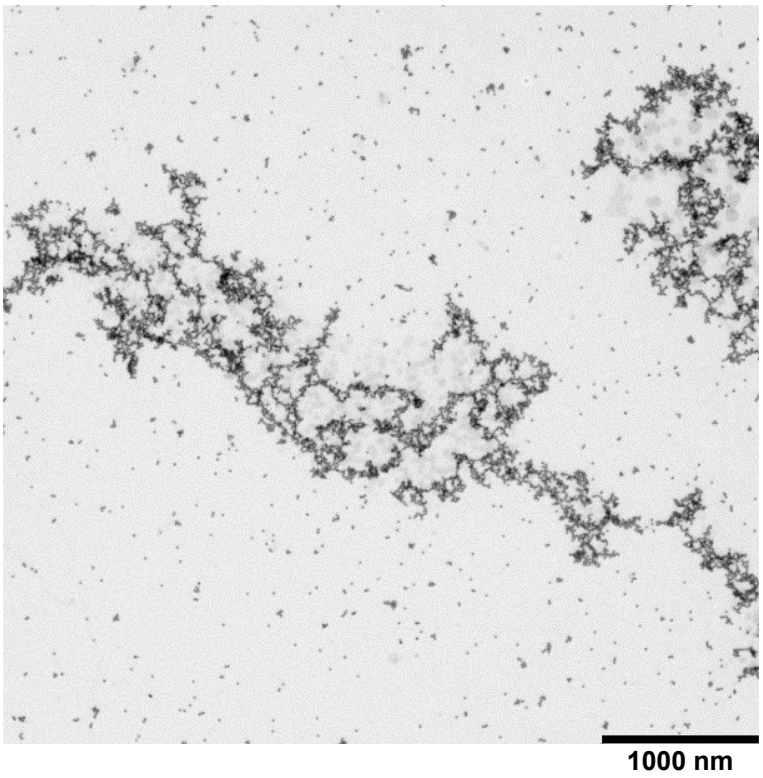

Figure S1. TEM images of nanoparticles in the presence of T4 DNA; [AuNPs] = 0.8 nM; [DNA] = 1 μM.

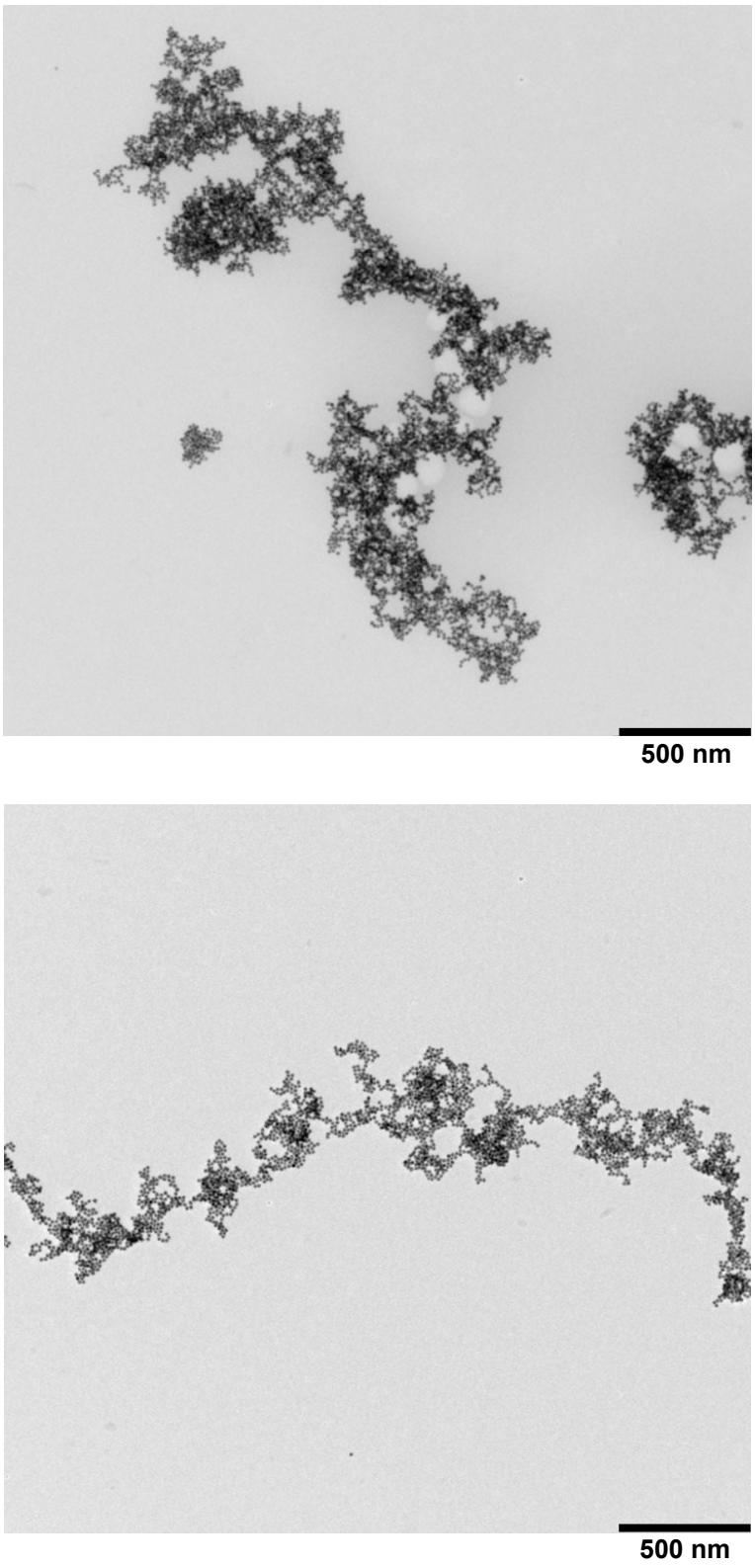

Figure S2. TEM images of nanostructures formed by heating a solution of [AuNP] = 0.8 nM and [DNA] = 1 μM.

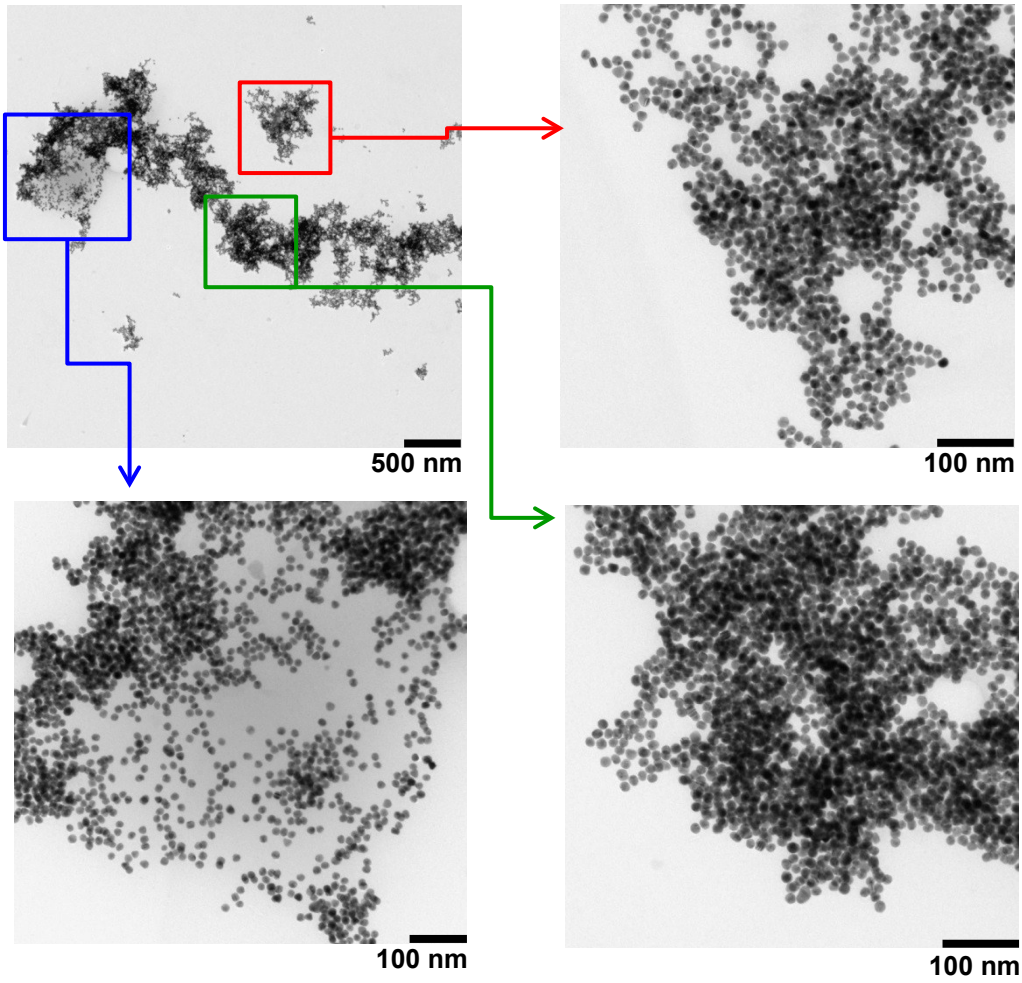

Figure S3. TEM images of nanostructures formed by heating a solution of AuNP (0.8 nM) and T4 DNA (1 μM). The amplified images show the accumulation of nanoparticles in various zones of the structure.

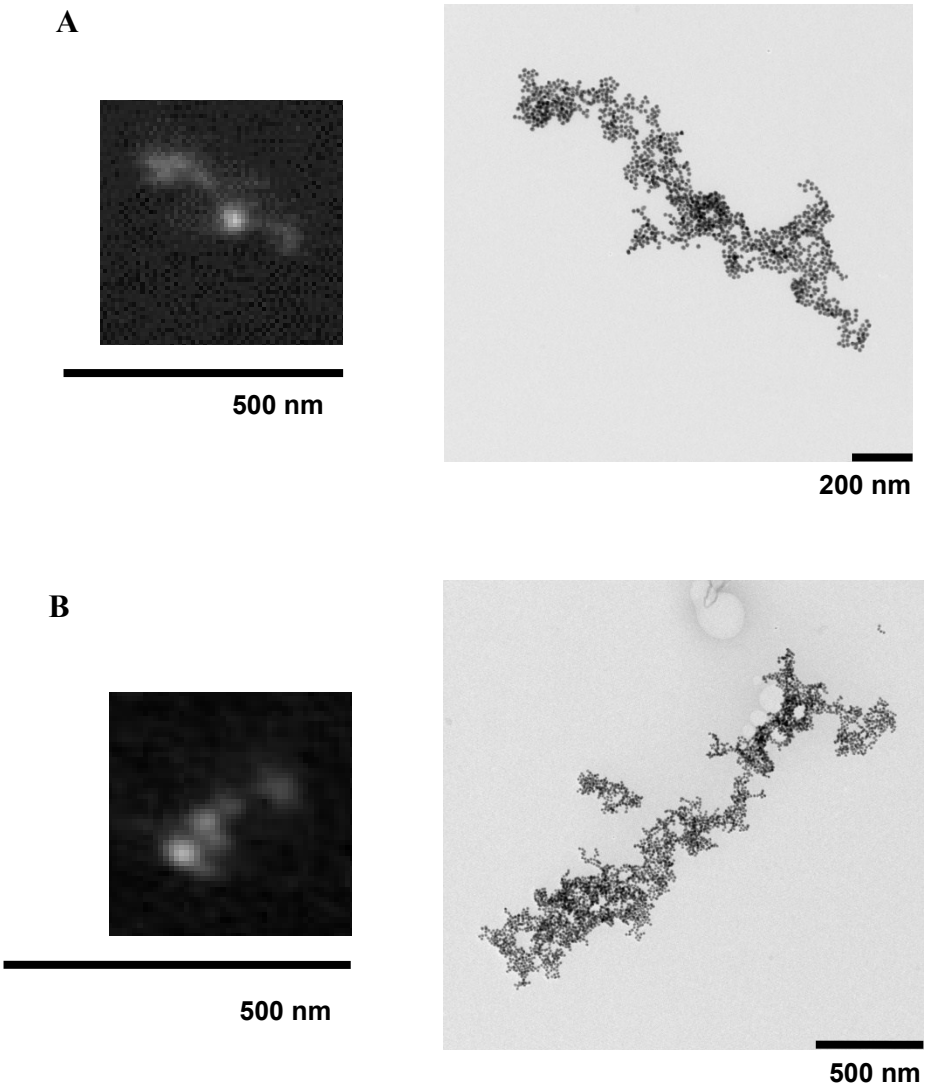

Figure S4. FM and TEM images of apparently similar nanostructures formed by heating a solution of AuNPs and T4 DNA.