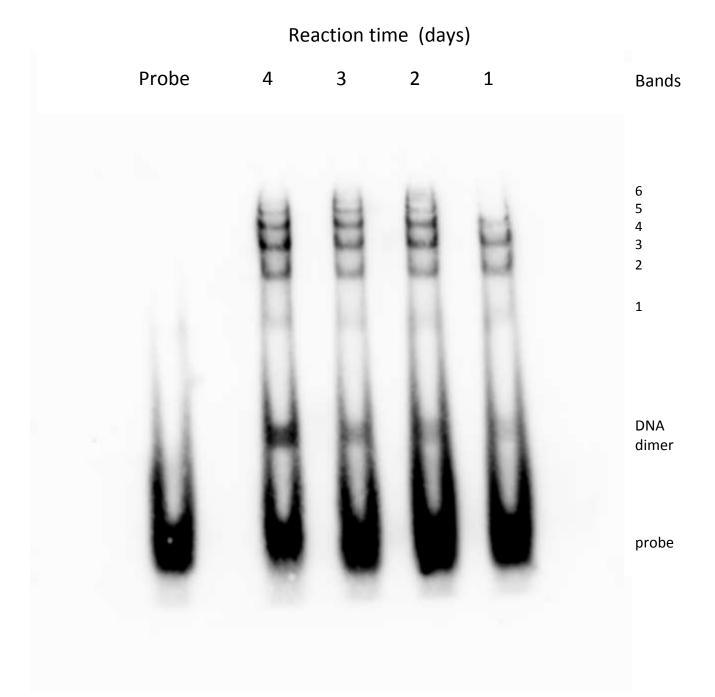
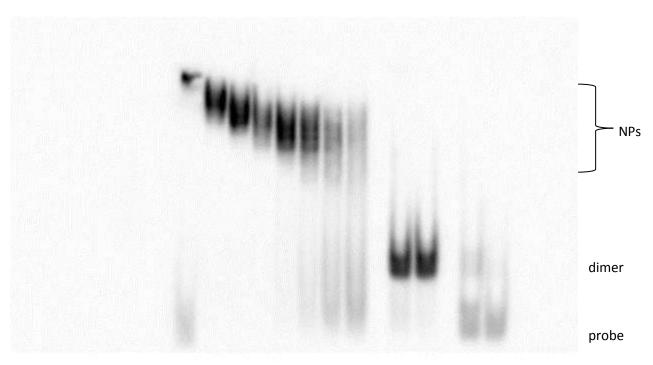
Original blot image for Fig. 1A, (Geldoc)



Blot of EMSA of exchange reaction probed with a biotinylated oligonucleotide complementary to the ssDNA oligonucleotide attached to the NPs.

Each lane is the reaction products of an exchange reaction carried out for the number of days stated. The bands show gold nanoparticles with 1-6 covalently-bound oligonucleotides.. DNA dimer is the oxidised (unreacted) oligonucleotide.

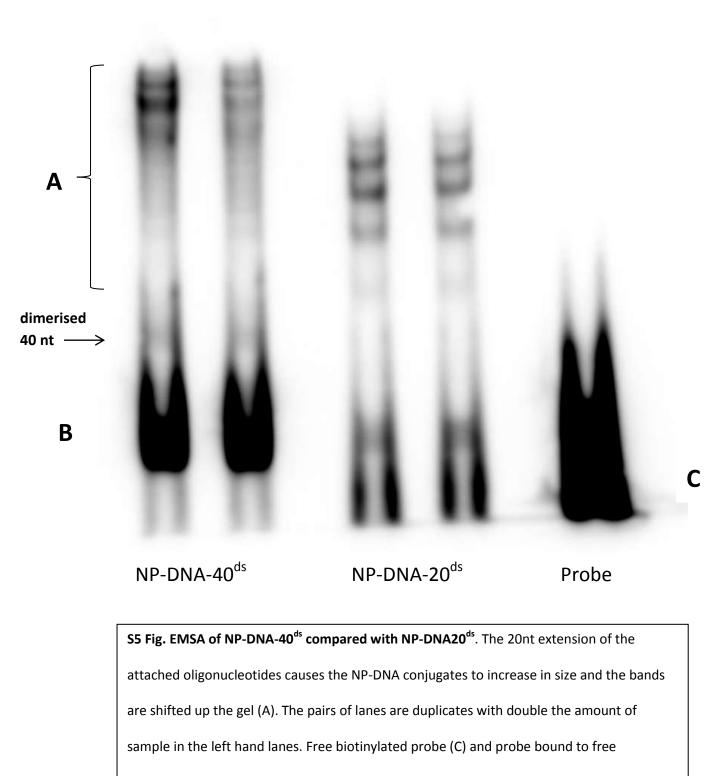


 FPLC fractions

 15
 16
 17
 18
 19
 20
 21
 22
 x
 25
 26
 x
 28
 29

Blot of EMSA of FPLC fractions (15-22, 25&26, 28&29) corresponding to the fraction numbers shown in Fig. 1B. Blots were probed with a biotinylated oligonucleotide complementary to the oligonucleotide attached to the nanoparticles (NPs). Unreacted DNA dimer is in fractions 25 and 26. There is excess free probe, in fractions with lower amounts of oligonucleotide.

Original blot image for supplementary Fig. S5. (Geldoc)



oligonucleotides (B) are located at the bottom of the 5% gel.