Hybridization of Peptide-DNA conjugates to Six-helix bundle nanotube capture probes. In situ grown gold nanoparticles bind to the hybridized conjugates.

- Peptide-DNA conjugate
- Capture probes
- Six-helix bundle nanotube
- Hybridized peptide-DNA conjugates
- AuCl$_4^-$
- In situ grown gold nanoparticles

Hybridization process diagram: