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Supplementary Information

Low Temperature Preparation of TiO_2 Nanoparticle Chains without Hydrothermal Treatment for Highly Efficient Dye-Sensitized Solar Cells

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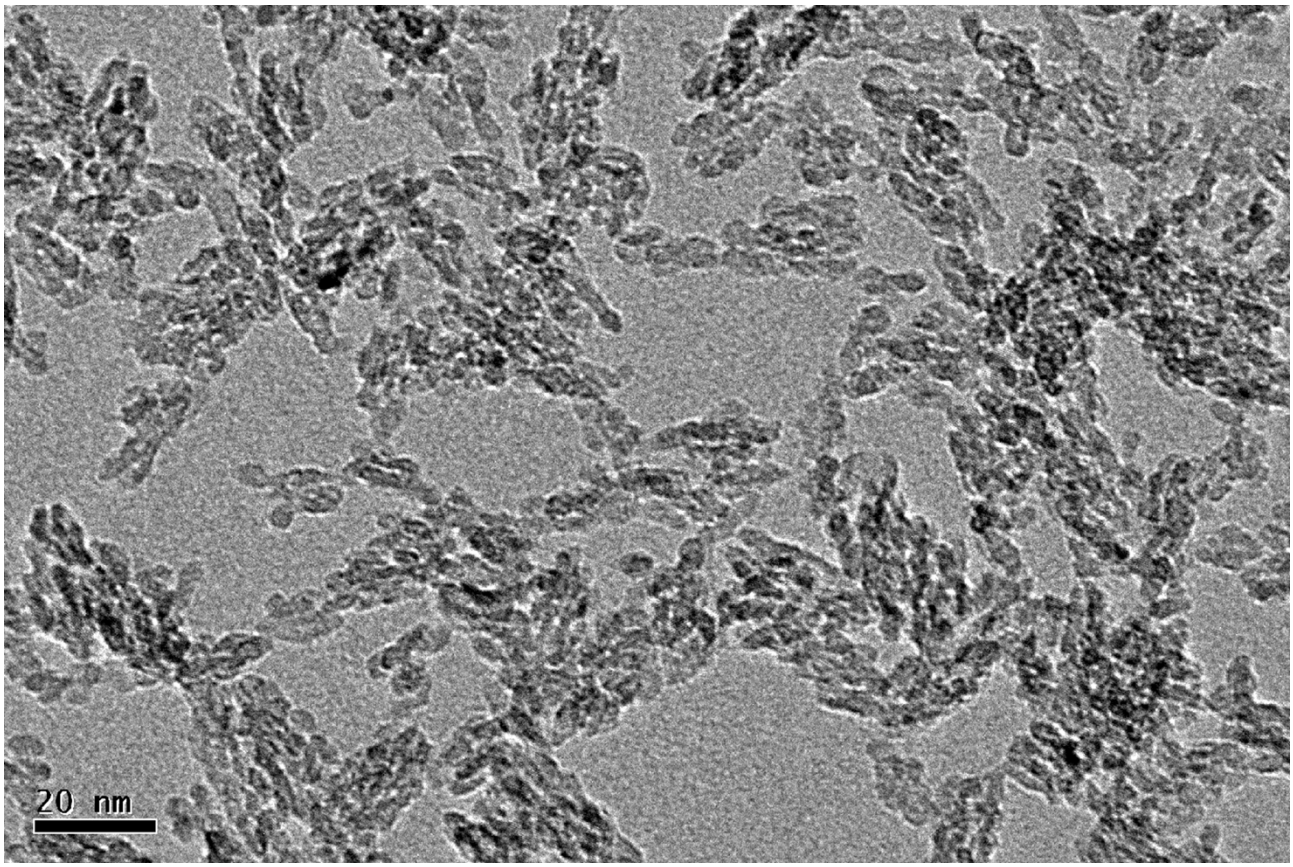

Figure S1. Magnified TEM image of the as prepared NP chains.

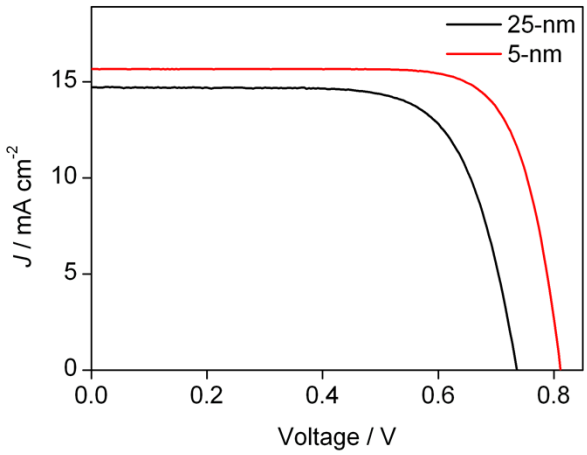

Figure S2. Current-voltage curves for the 5-nm NP chains and 25-nm separated NPs. The film thickness is 15.5 μm for NP chains and 17.2 μm for 25-nm NPs. The dye and electrolyte are same as detailed in the Experimental Section.

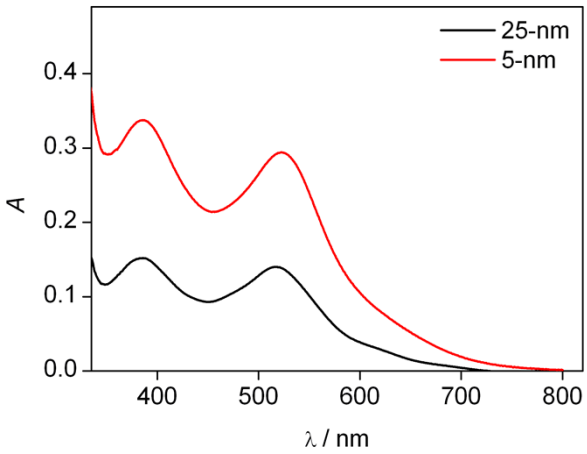

Figure S3. UV-vis absorption spectra for dye-loaded 5-nm NP chains and 25-nm separated NPs

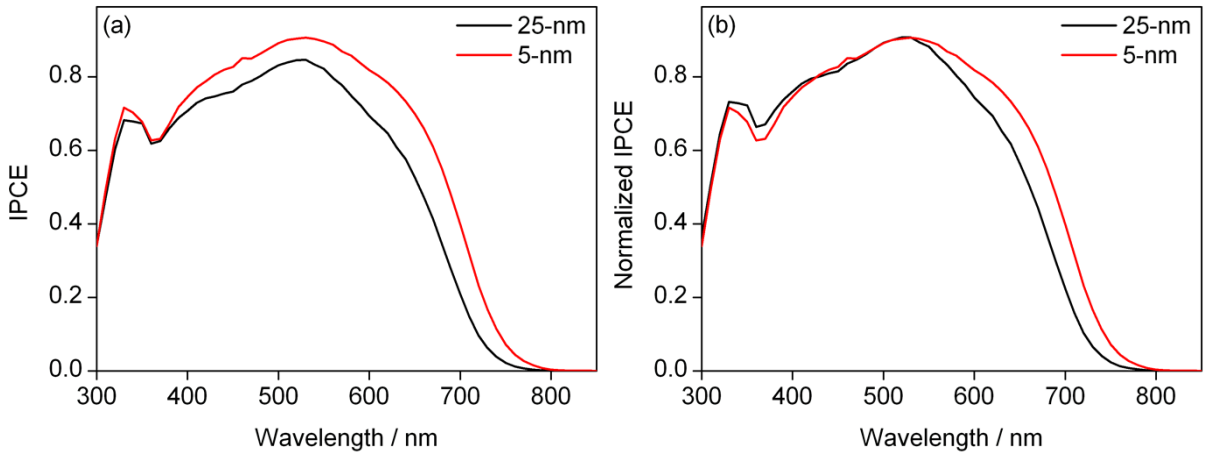

Figure S4. Comparison of IPCE (a) and normalized IPCE (b) spectra for DSSCs with 5-nm NP chains or 25-nm NPs