Supporting Information

Ultrasensitive Detection of Single-Walled Carbon Nanotubes Using Surface Plasmon Resonance

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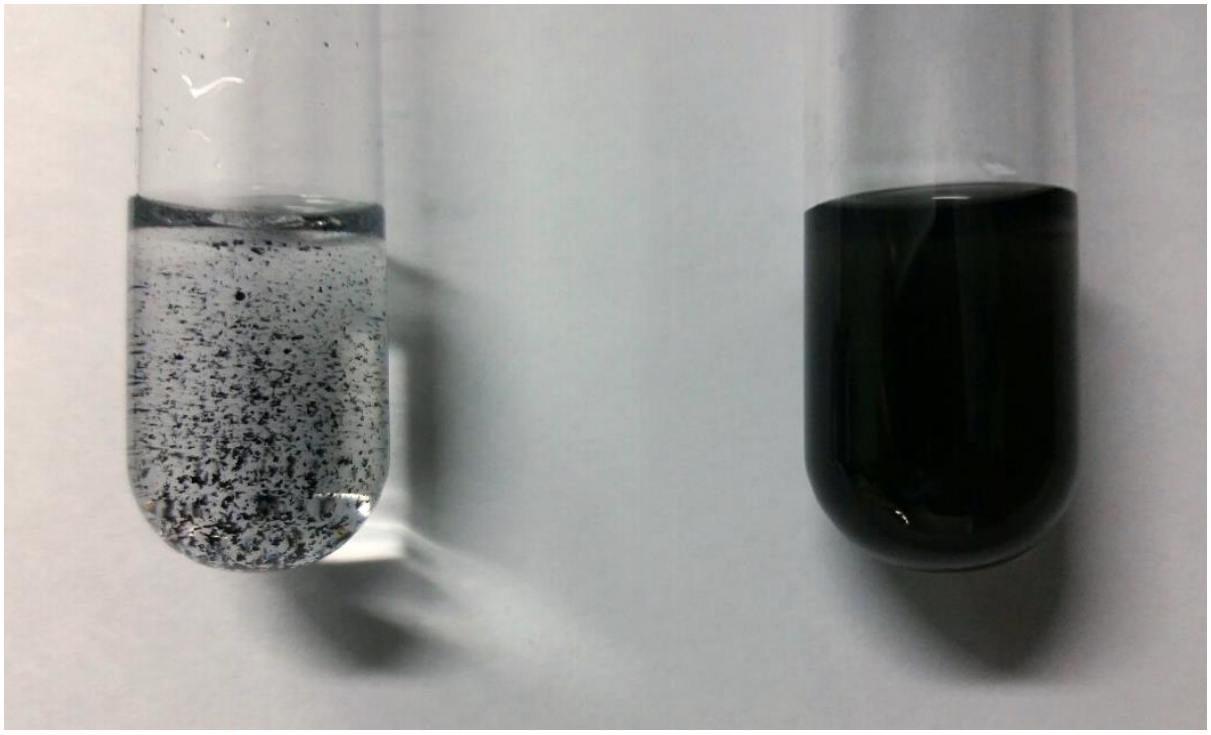

Figure S1. Comparison between undispersed SWNTs (left) and well-dispersed SWNTs using B-ssDNA and BSA.

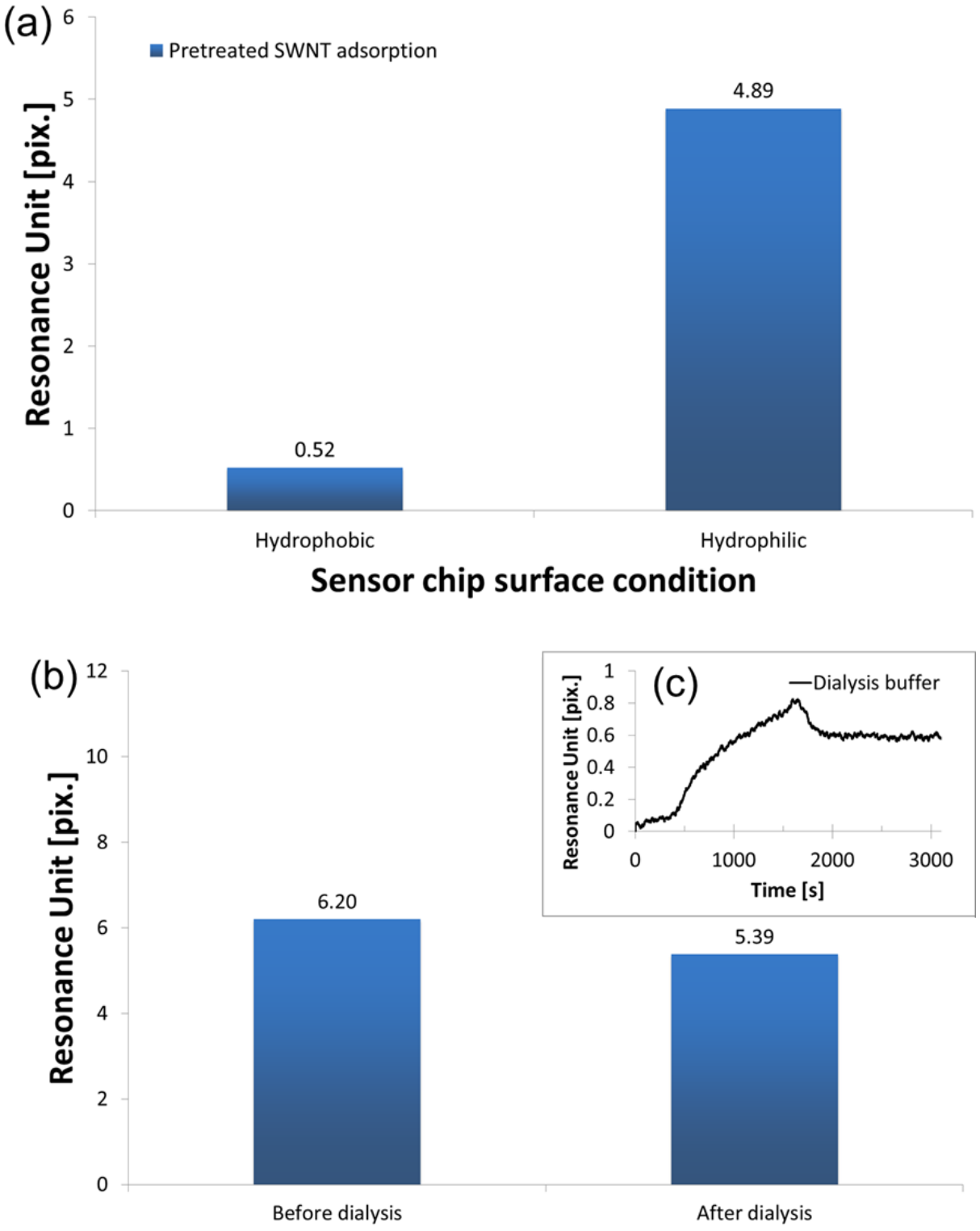

Figure S2. Validation of pretreated SWNT properties: (a) a comparison of the adsorption between a hydrophobic surface and a hydrophilic surface, (b) a comparison of SPR signals before and after the dialysis processes to the SWNT, and (c) an SPR angle-shift observed from the dialysis buffer after the first buffer change.