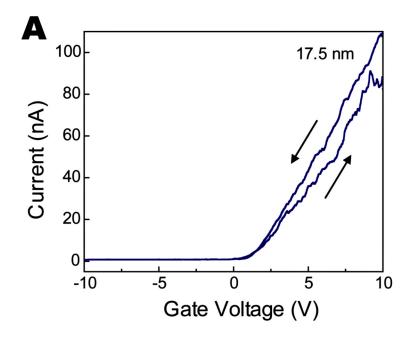
## **Supporting Information**

Xie et al. 10.1073/pnas.0906943106



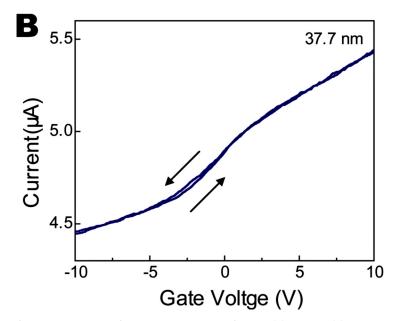


Fig. S1. Representative examples of I–V<sub>g</sub> curves measured for both sweep directions for small (A) and large (B) diameter NWs after 1 cycle of oxidation and etching, respectively. Diameters labeled in this figure are as-grown diameters.