Supporting Information for

Control of selective and catalyst-free growth of Sb_2Te_3 and Te nanowires from sputter-deposited Al-Sb-Te thin films

By Byeong Geun Kim, Byung-Sung Kim, Seong-Min Jeong, Soon-Mok Choi, Dongmok Whang, Hong-Lim Lee and Sang-Hoon Hyun*

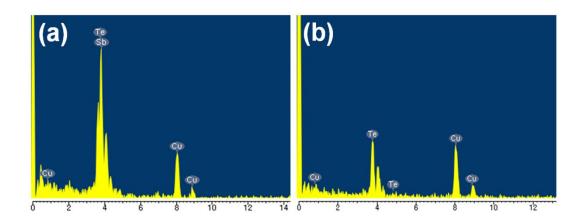


Fig. S1 EDS spectra obtained from the tips of (a) STNW and (b) TeNW.

The Cu peaks are generated by the copper grid which supports the NWs.

^a Department of Materials Science and Engineering, Yonsei University, Seoul 120-749, Korea

^b School of Advanced Materials Science & Engineering and Sungkyunkwan Advanced Institute of Nanotechnology, Sungkyunkwan University, Suwon 440-746, Korea

^c Korea Institute of Ceramic Engineering and Technology (KICET), Seoul 153-801, Korea

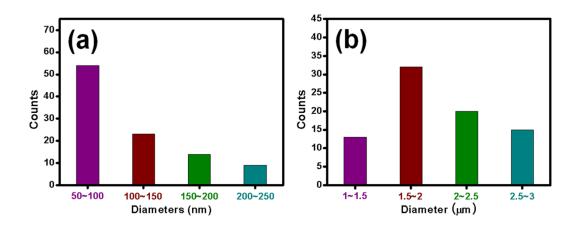


Fig. S2 Histograms of the measured diameters of (a) STNWs and (b) TeNWs, which were obtained from AST-3 annealed at 250 $^{\circ}$ C under N_2 and O_2 gas atmosphere, respectively.