Supplementary Information

TiO$_2$/Ti$_{1-x}$Sn$_x$O$_2$ Heterojunction Nanowires: Characterization, Formation, and Gas Sensing Performance

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Figure S1 (a) Low magnitude heterojunction nanowire. (b) HRTEM image showing stacking faults (110) with a number of slip bands. (c) Low energy dislocation structures (LEDS) of Taylor lattice, forming by a number of dislocations. (d) Stacking faults with (110) plane in TiO$_2$ nanowires.