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> Growth of Axial Nested P-N Heterojunction Nanowires for High **Performance Diode**

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Supporting Information.

S1

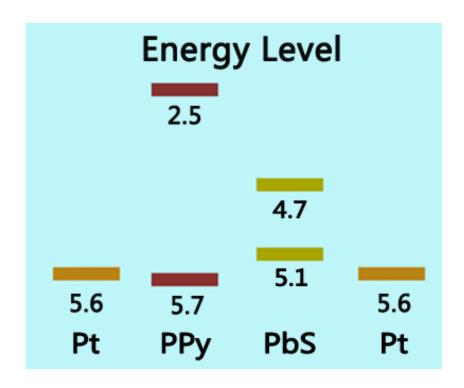


Figure S1. Energy level diagram of PbS and PPy (eV).

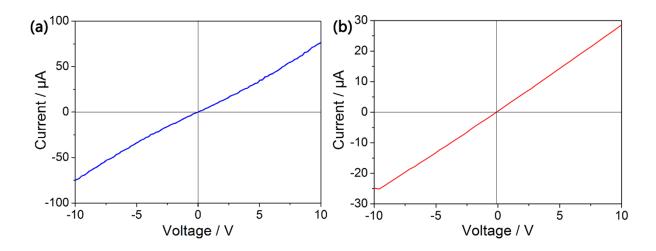


Figure S2. I-V curves of PbS (a) and PPy (b) nanowire devices.