Large-scale solution-phase production of Bi$_2$Te$_3$ and PbTe nanowires using Te nanowire templates: Supplementary Information

Figure S1. XRD patterns of a) PbTe nanowires eight months after their synthesis, b) Bi$_2$Te$_3$ nanowires nine months after their synthesis

Figure S2. Low magnification TEM images of a) PbTe nanowires eight months after their synthesis, b) Bi$_2$Te$_3$ nanowires nine months after their synthesis
Figure S3. Low magnification TEM image of Te nanowires synthesized using $\text{N}_2\text{H}_4$:Te molar ratios of a) 12.7:1, b) 19.1:1, c) 21.2:1

Figure S4. Low magnification TEM image of PbTe nanowires obtained after the second step of syntheses in which the $\text{N}_2\text{H}_4$:Te molar ratios for the first step were a) 12.7:1, b) 19.1:1, c) 21.2:1
Figure S5. Seebeck coefficient, electrical conductivity and power factor of PbTe nanocomposite pellet at 300 – 400 K.

Figure S6. Seebeck coefficient, electrical conductivity and power factor of Bi$_2$Te$_3$ nanocomposite pellet at 300 – 400 K.