Supporting Information

Figure S1. Film of PbSe particles obtained from a polymer/precursor mixture with a 1:1 ratio. The reaction conditions were 20 min at 450 °C (top, left), 30 min at 425 °C (top, right) and 20 min at 425 °C (bottom).

Figure S2. TEM EDX spectrum of the lead selenide particles.
Figure S3. TEM EDX spectrum of the lead telluride particles.