Strongly Birefringent $\text{Pb}_3\text{O}_2\text{Cl}_2$ Nanobelts

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Supporting Information

Figure S1. Histogram of $\text{Pb}_3\text{O}_2\text{Cl}_2$ nanobelt width demonstrating log normal size distribution.

Figure S2. (A) and (B) low resolution TEM images of $\text{Pb}_3\text{O}_2\text{Cl}_2$ nanobelts formed without the use of ethylenediamine in the synthesis. (C) and (D) TEM images showing increased formation of small nanocrystals in addition to nanobelt formation. (E) HRTEM image of nanobelt formed without ethylenediamine indicating that these belts grow in the $[010]$ direction as shown via the FFT in (F).