

Supporting Information

Zinc Chalcogenide Seed-Mediated Synthesis of CdSe

Nanocrystals: Nails, Chesses and Tetrahedrons

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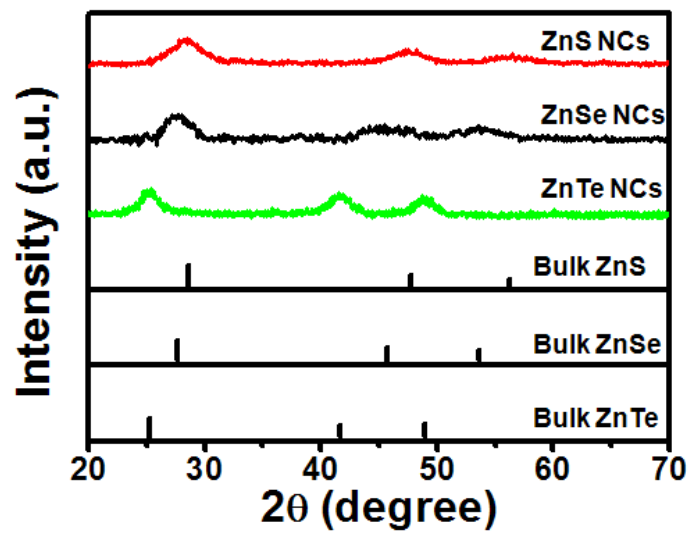


Figure S1. Powder X-ray diffraction patterns of the various zinc blende seeds: red line, 2.6 nm ZnS NCs; black line, 2.8 nm ZnSe NCs; green line, 3.0 nm ZnTe NCs.

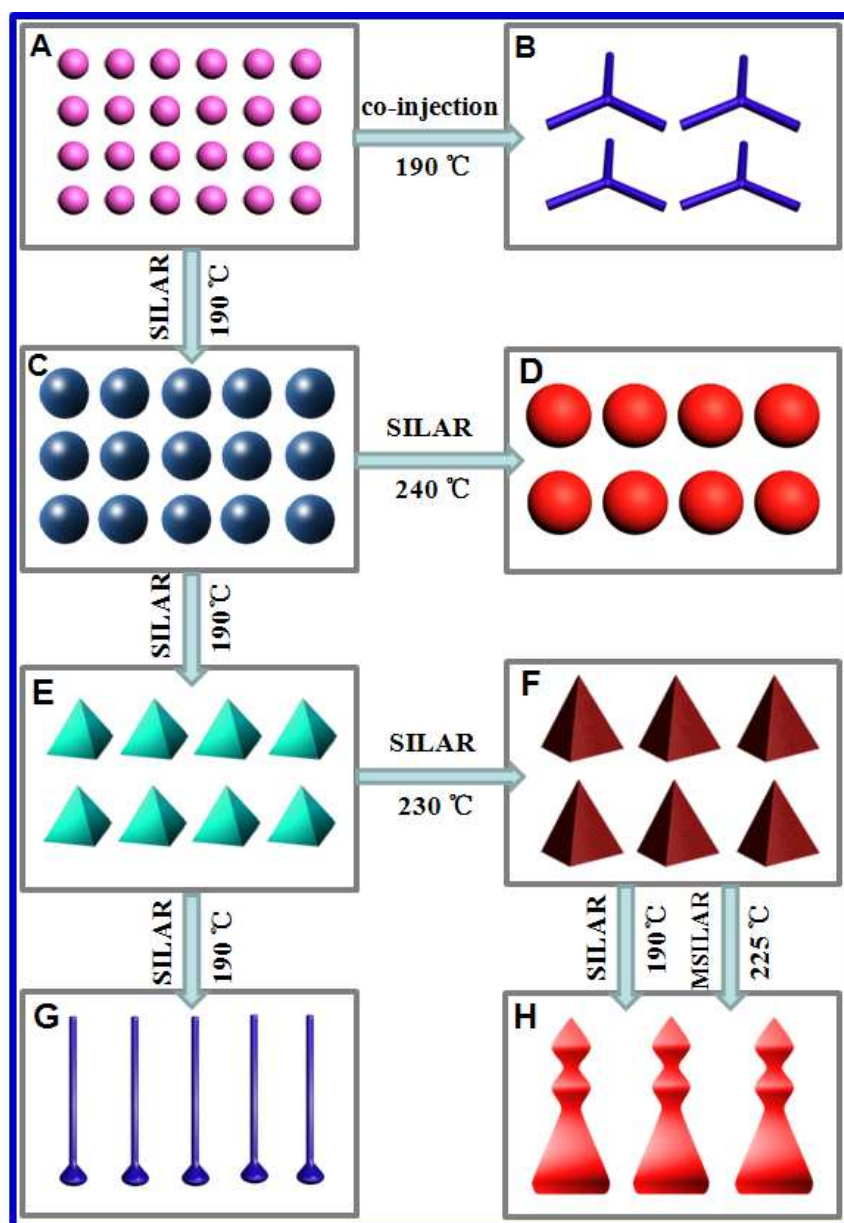


Figure S2. Summary of evolutionary shape control pathways, illustrating the relationship between the experimental conditions used in this report and the NC morphology produced in the seed-mediated synthesis. (A) seeds; (B) Y-shaped NCs; (C, D) spherical core/shell structure; (E, F) tetrahedron-shaped NCs; (G) nail-shaped NCs; (H) chess piece-shaped NCs.