

Supporting Information

Facile, Robust, Scalable Synthesis of Pd Nanoplates with Hydroxylamine as a Reductant and the Mechanistic Insights Based on a Kinetic Analysis

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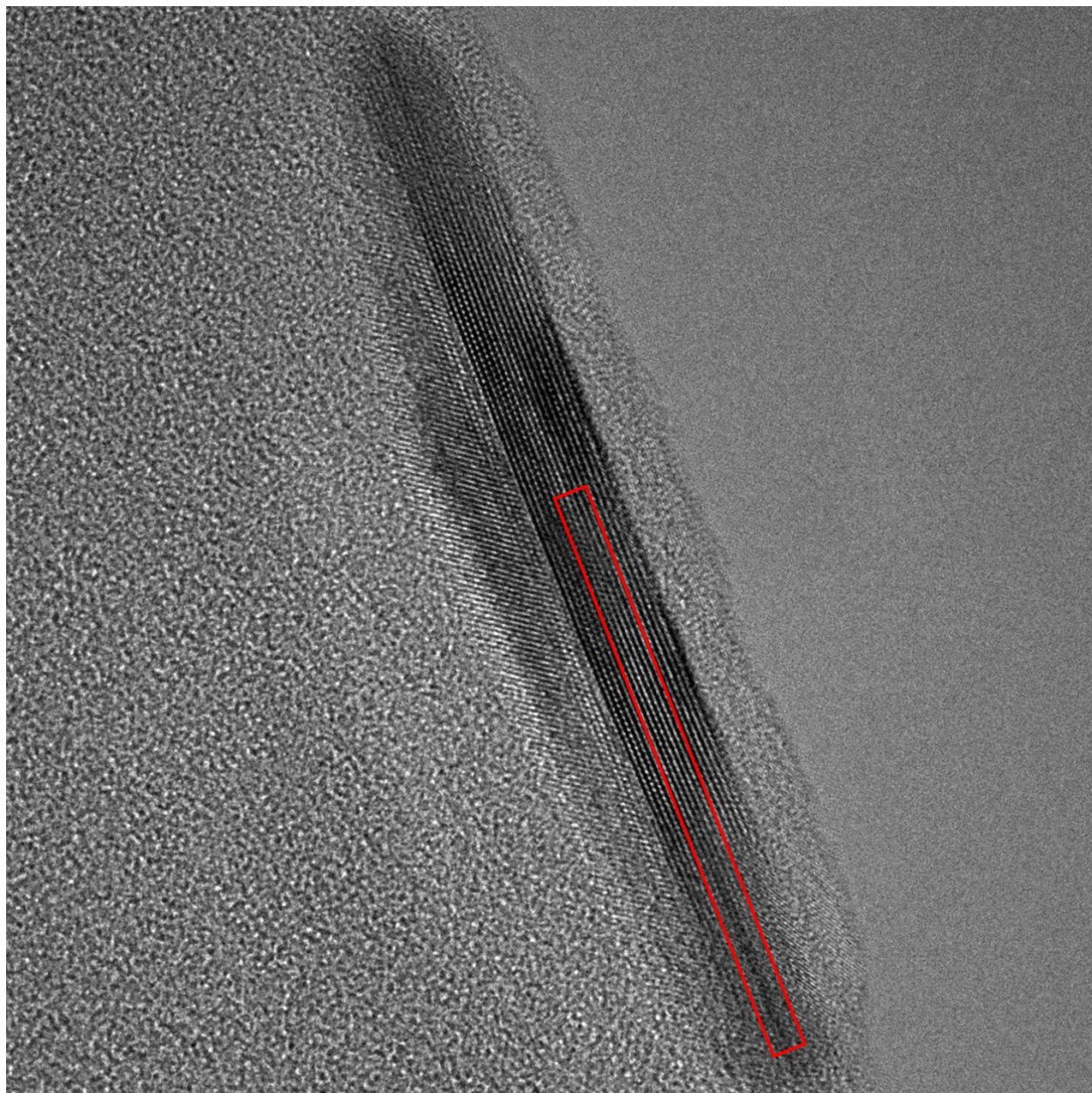


Figure S1. A blow-up view of Figure 1c to clearly reveal the stacking fault.

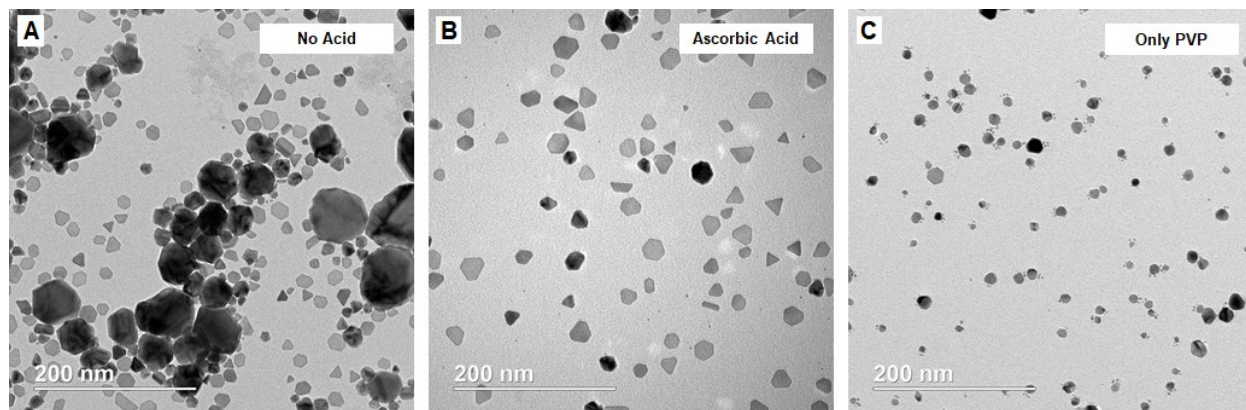


Figure S2. Control experiments where (A) CA was not added to reaction, (B) ascorbic acid was used instead of CA, and (D) only PVP was used in the absence of hydroxylamine.

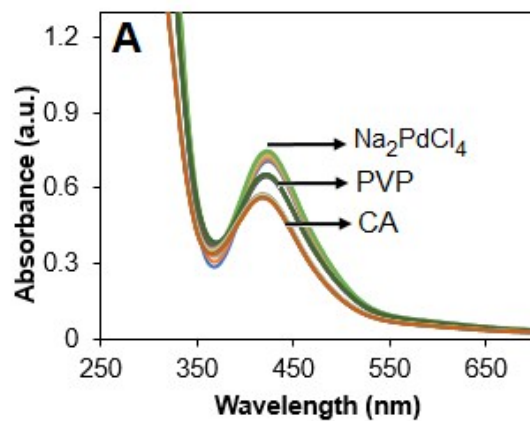


Figure S3. A control experiment where aliquots of aqueous PVP and CA were sequentially added into an aqueous solution of Na_2PdCl_4 . The spectra were recorded up to 20 min after the introduction of each solution. The drop in peak intensity could be largely attributed to the dilution effect.