

Supplementary Materials: Controlled Synthesis of Atomically Layered Hexagonal Boron Nitride via Chemical Vapor Deposition

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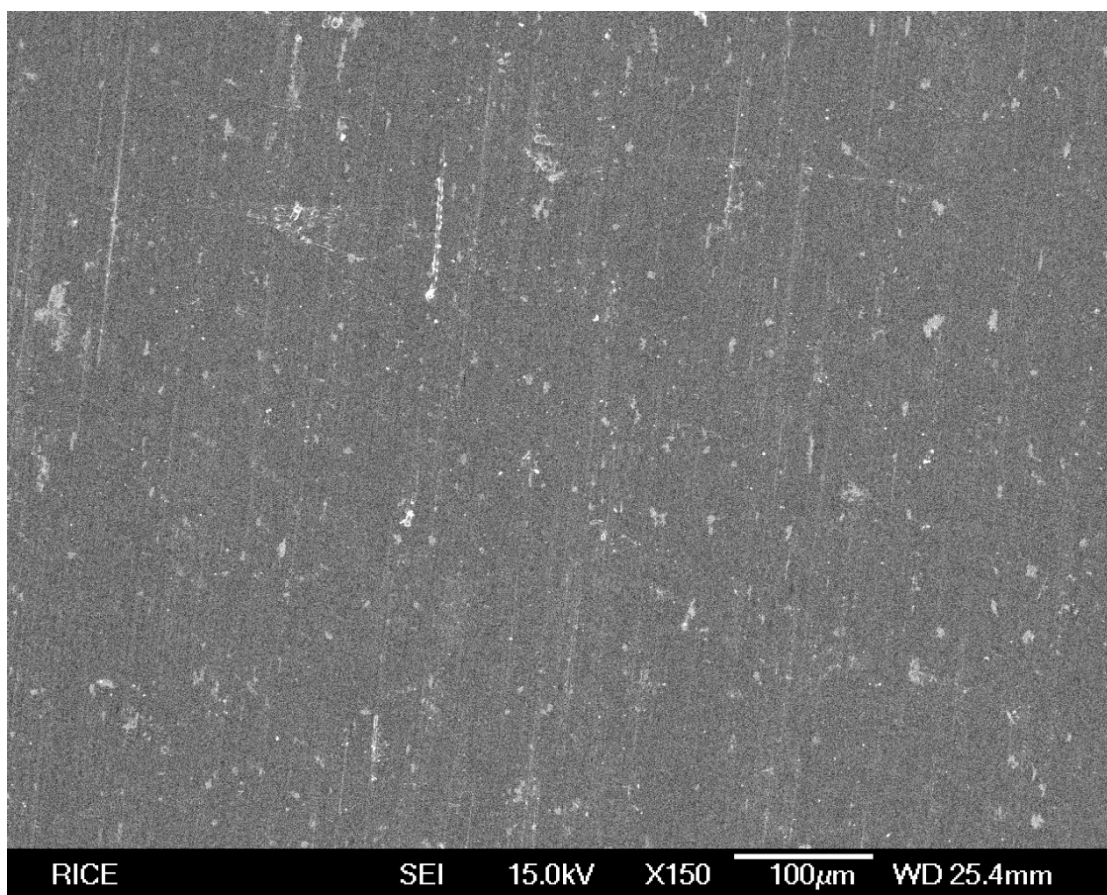


Figure S1. SEM image of high-coverage few-layered h-BN grown on Ni foils at low. The white areas are Ni while dark grey areas are h-BN due to their great different in electrical conductivity.

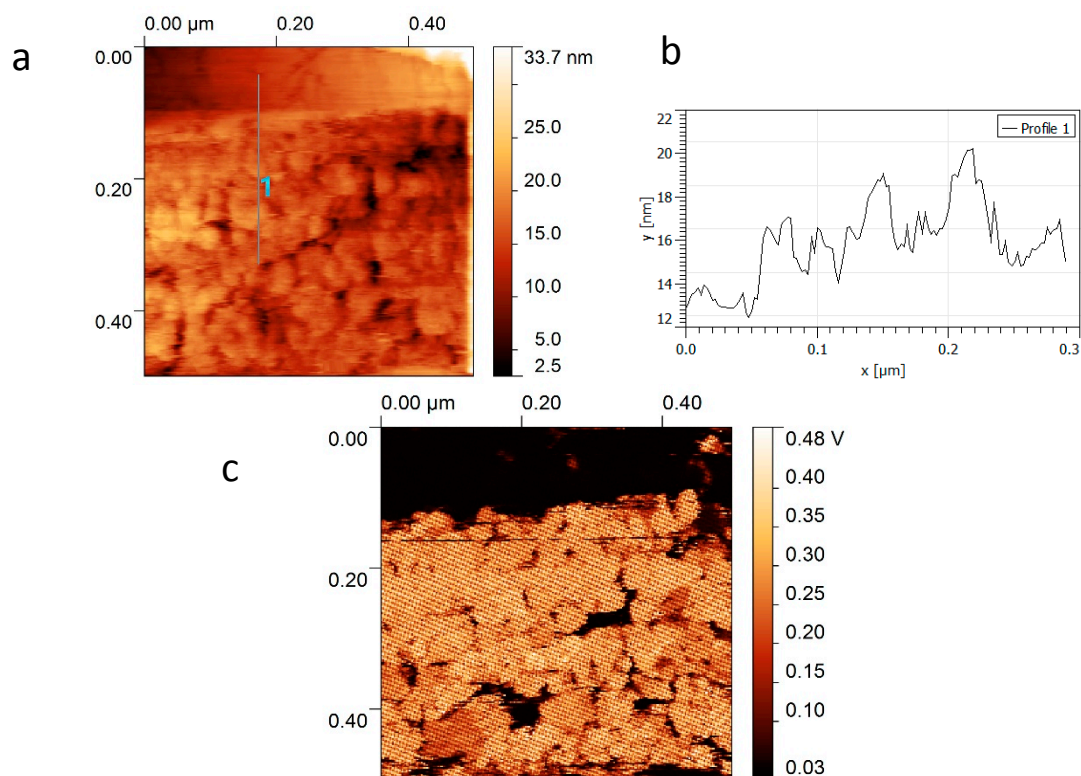


Figure S2. AFM image of low-coverage thick h-BN grown on Ni at high temperature. (a) Height topography of the h-BN flakes; (b) Height cross-section showing the thickness of h-BN is from 4–6 nm; (c) Electrical conductivity map of the h-BN. The yellow areas are h-BN and dark areas are Ni. The scanning size is 0.5×0.5 micron.