

## **Supplementary Information for:**

### **Visualization of arrangements of carbon atoms in graphene layers by Raman mapping and atomic-resolution TEM**

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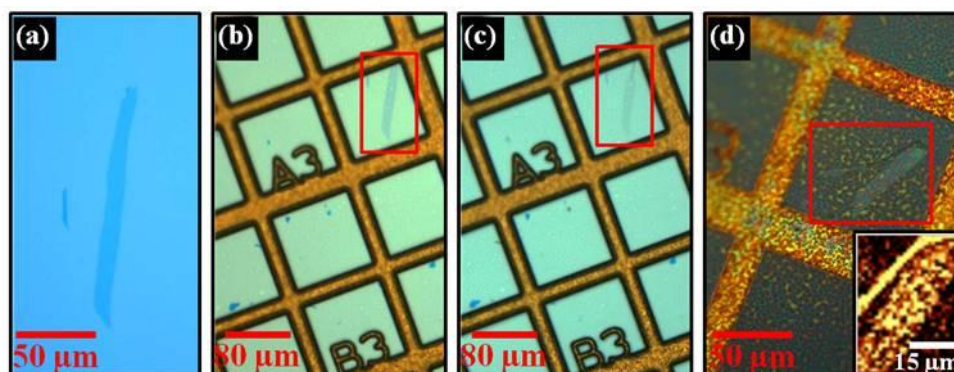
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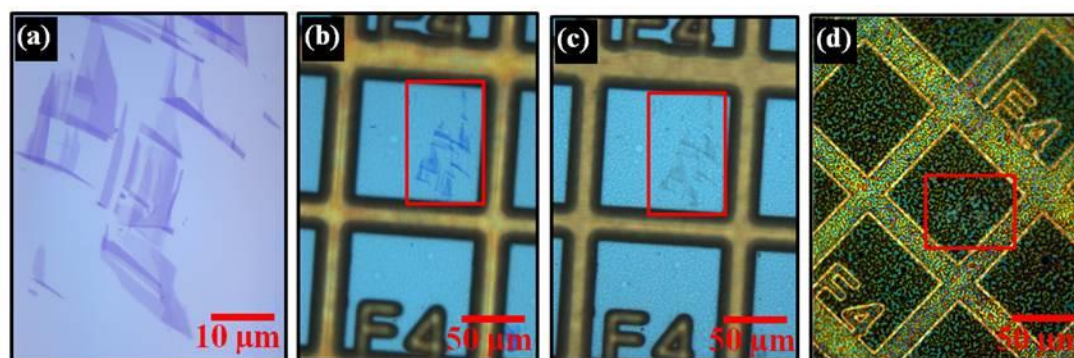
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## Supporting information



**Figure S1** Optical images of (a) a bilayer graphene flake exfoliated from single crystal graphite on the O<sub>2</sub> plasma-treated substrate, (b) the graphene flake covered with a normal TEM grid after the first drop of IPA, (c) after the second of IPA, and (d) the graphene flake attached to the TEM grid after drying. The inset of (d) shows the Raman image of the carbon film supporting the flake.



**Figure S2** Optical images of (a) graphene flakes exfoliated from HOPG on the O<sub>2</sub> plasma-treated substrate, (b) graphene flakes covered with a normal TEM grid after the first drop of IPA, (c) after the second of IPA, and (d) the graphene flake attached to the TEM grid after drying.